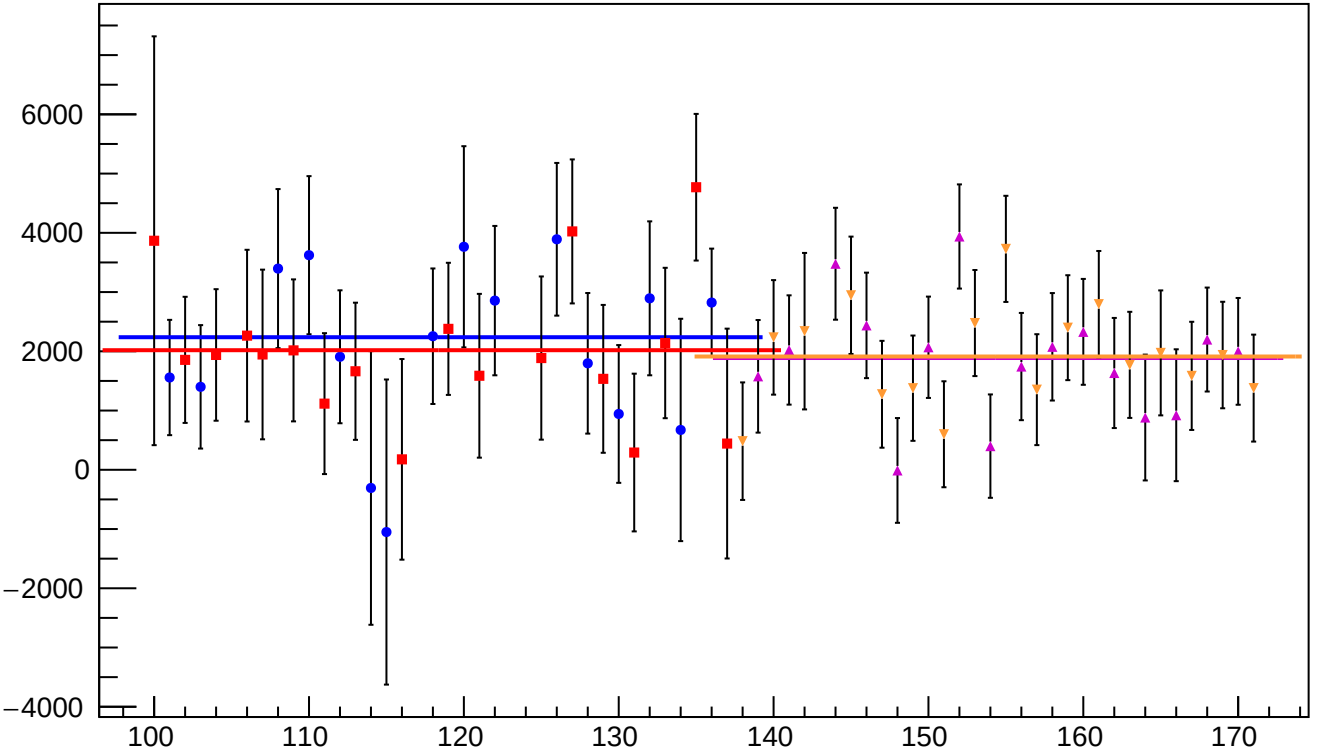
dit_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1912.269+/-227.121 χ^2/NDF:13.0/16

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

Left In: 1886.981+/-229.498 χ^2/NDF:18.5/15

Left: 1899.757+/-161.433 χ^2/NDF: 31.6/32

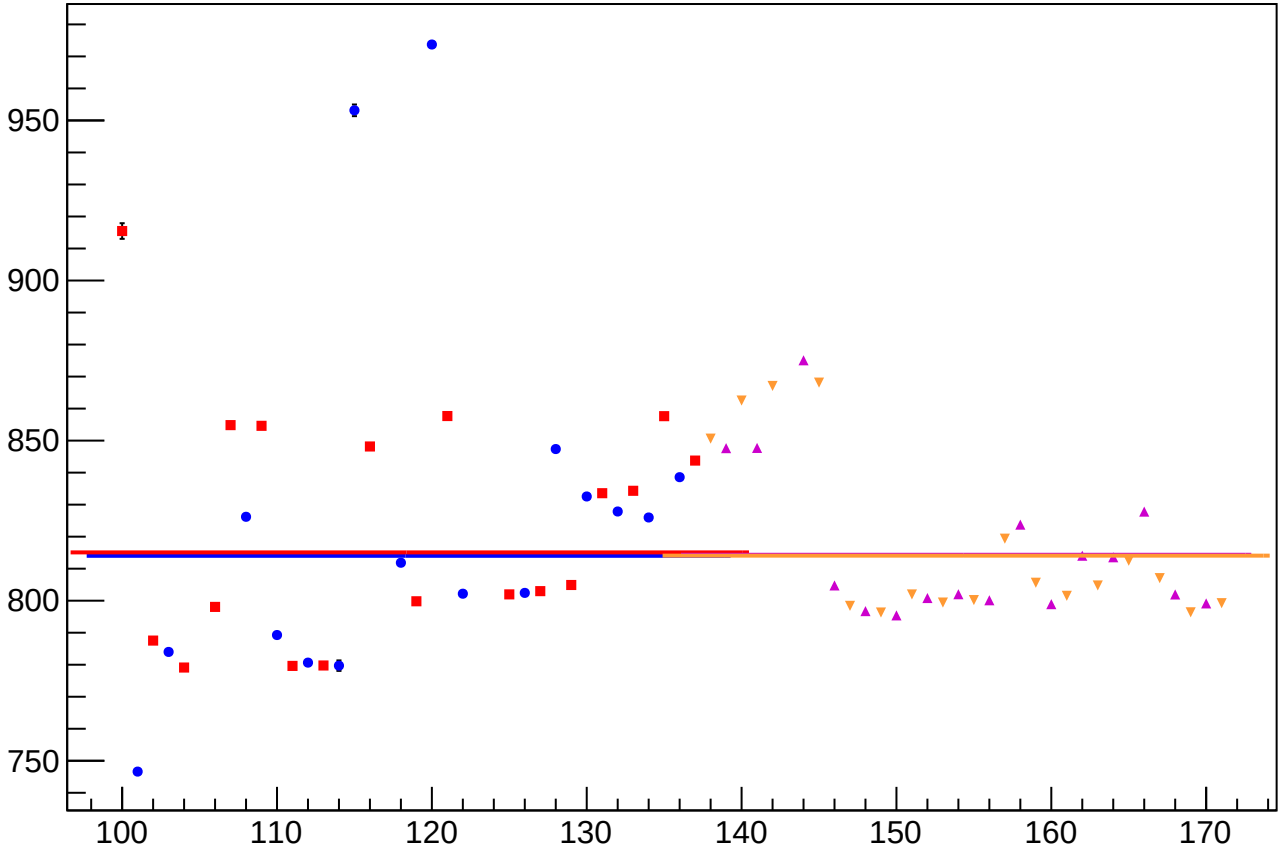
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2008.853+/-185.416 χ^2/NDF:30.7/31

Out: 1949.674+/-182.871 χ^2/NDF:25.7/34

All: 1978.855+/-130.200 χ^2/NDF: 56.4/66

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 814.071+/-0.161 χ^2/NDF:21992.7/16

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

Left In: 814.337+/-0.162 χ^2/NDF:18785.8/15

Left: 814.203+/-0.114 χ^2/NDF: 40779.9/32

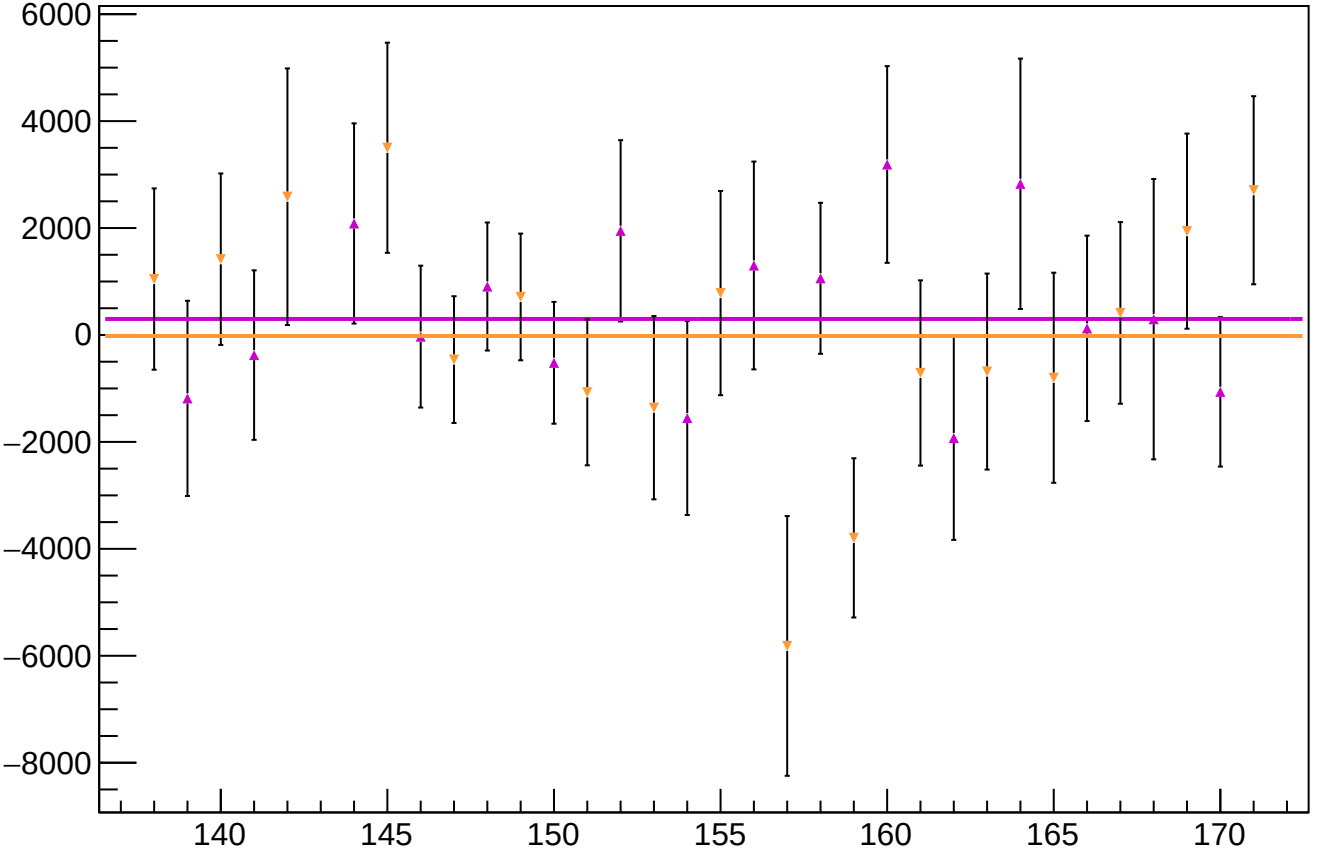
Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 814.227+/-0.131 χ^2/NDF:60828.8/31

Out: 814.427+/-0.129 χ^2/NDF:41966.0/34

All: 814.329+/-0.092 χ^2/NDF: 102795.9/66

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -18.931+/-400.796 χ^2/NDF:23.7/16

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

Left In: 299.759+/-402.249 χ^2/NDF:11.1/15

Left: 139.837+/-283.918 χ^2/NDF: 35.1/32

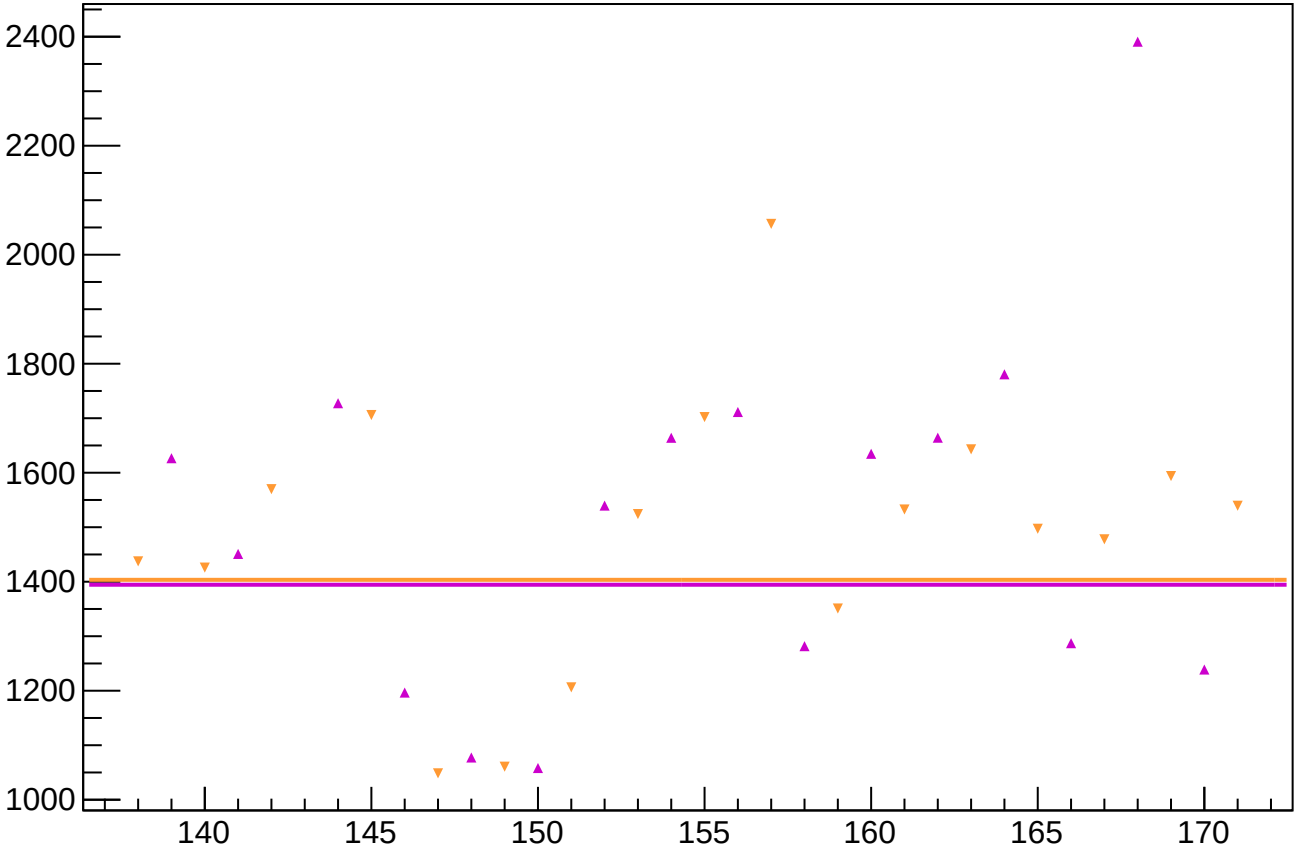
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 299.759+/-402.249 χ^2/NDF:11.1/15

Out: -18.931+/-400.796 χ^2/NDF:23.7/16

All: 139.837+/-283.918 χ^2/NDF: 35.1/32

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1403.484+/-0.283 χ^2/NDF:740134.5/16

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

Left In: 1394.466+/-0.284 χ^2/NDF:1031827.5/15

Left: 1398.992+/-0.201 χ^2/NDF: 1772466.4/32

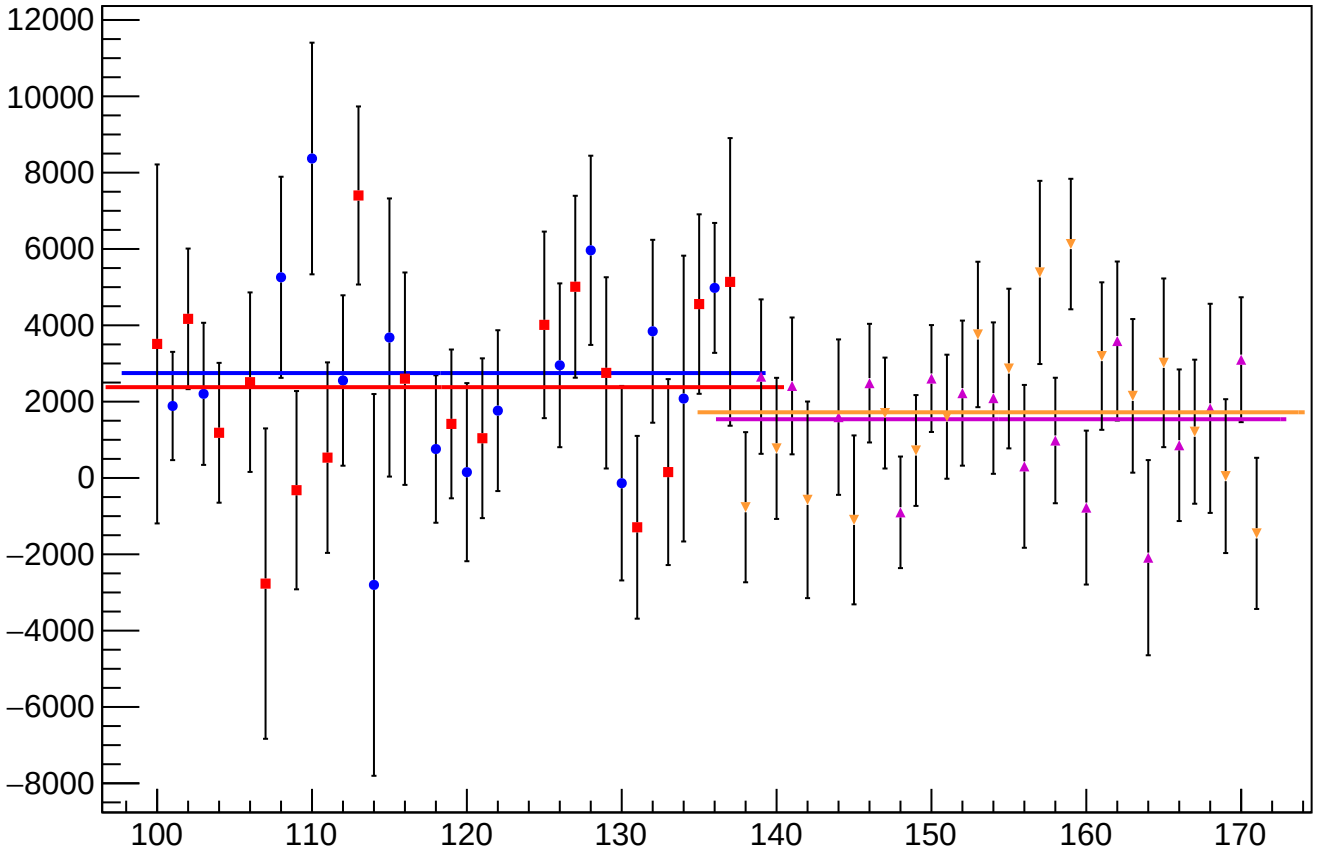
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1394.466+/-0.284 χ^2/NDF:1031827.5/15

Out: 1403.484+/-0.283 χ^2/NDF:740134.5/16

All: 1398.992+/-0.201 χ^2/NDF: 1772466.4/32

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1721.323+/-458.664 χ^2/NDF:19.5/16

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

Left In: 1539.216+/-461.348 χ^2/NDF:10.3/15

Left: 1630.800+/-325.269 χ^2/NDF: 29.8/32

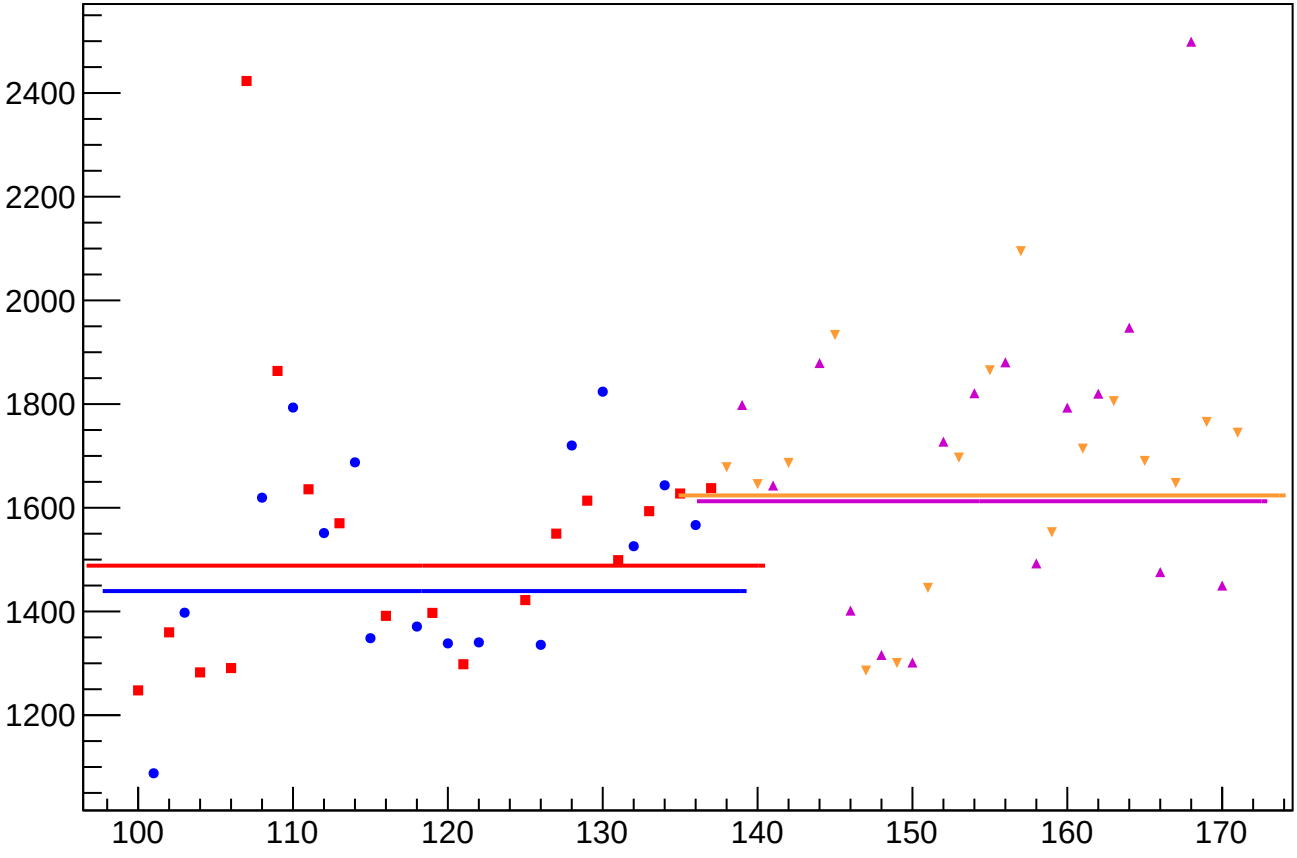
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2025.193+/-356.828 χ^2/NDF:26.6/31

Out: 1980.550+/-357.085 χ^2/NDF:36.5/34

All: 2002.887+/-252.406 χ^2/NDF: 63.1/66

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1623.817+/-0.324 χ^2/NDF:423654.7/16

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

Left In: 1612.594+/-0.326 χ^2/NDF:649758.9/15

Left: 1618.238+/-0.230 χ^2/NDF: 1074008.8/32

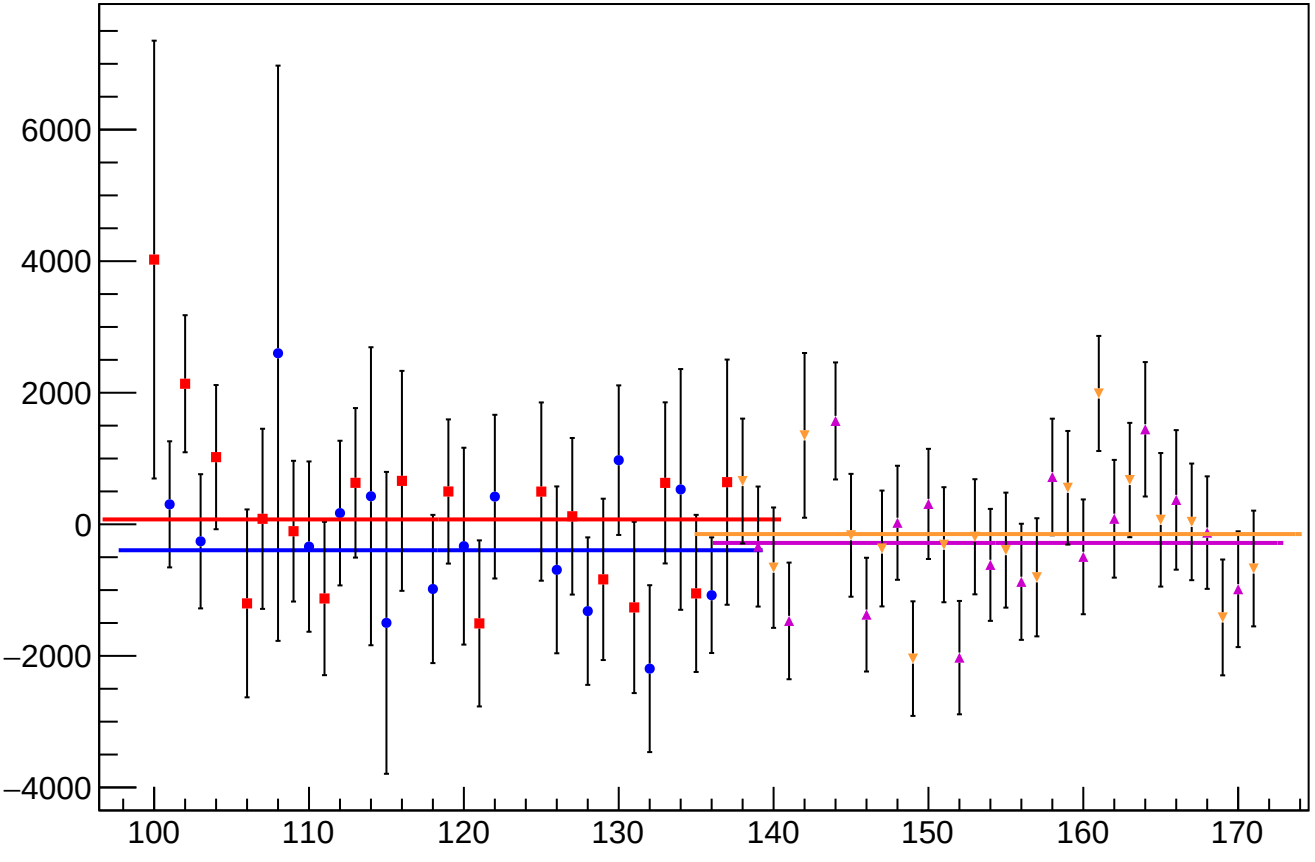
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1542.981+/-0.252 χ^2/NDF:1040956.2/31

Out: 1570.472+/-0.252 χ^2/NDF:748664.0/34

All: 1556.716+/-0.178 χ^2/NDF: 1795551.3/66

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -148.287+/-220.019 χ^2/NDF:17.9/16

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

Left In: -283.162+/-222.589 χ^2/NDF:18.5/15

Left: -214.942+/-156.478 χ^2/NDF: 36.6/32

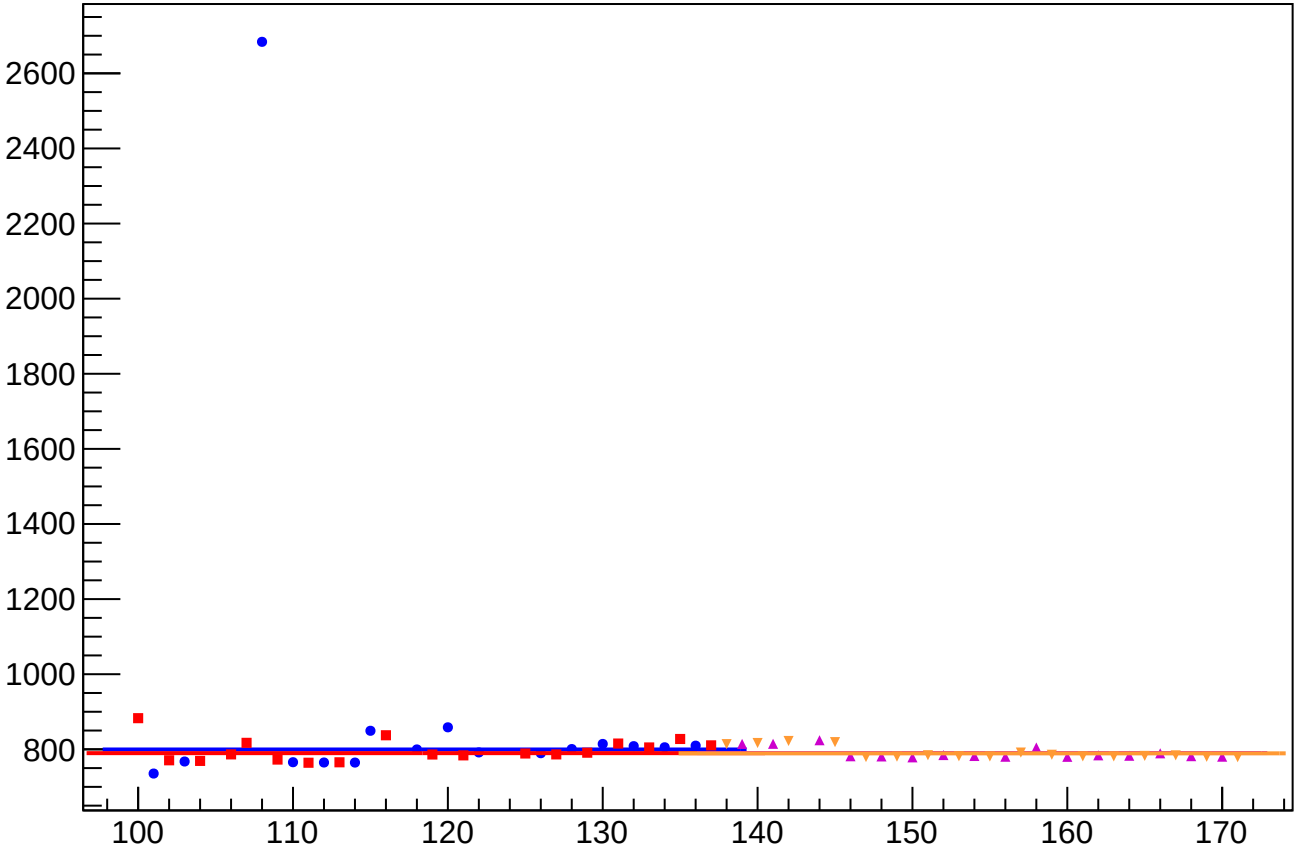
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -320.484+/-181.431 χ^2/NDF:26.0/31

Out: -69.898+/-177.086 χ^2/NDF:31.2/34

All: -192.155+/-126.727 χ^2/NDF: 58.2/66

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 789.291+/-0.156 χ^2/NDF:8501.4/16

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

Left In: 790.103+/-0.157 χ^2/NDF:8622.2/15

Left: 789.692+/-0.111 χ^2/NDF: 17137.1/32

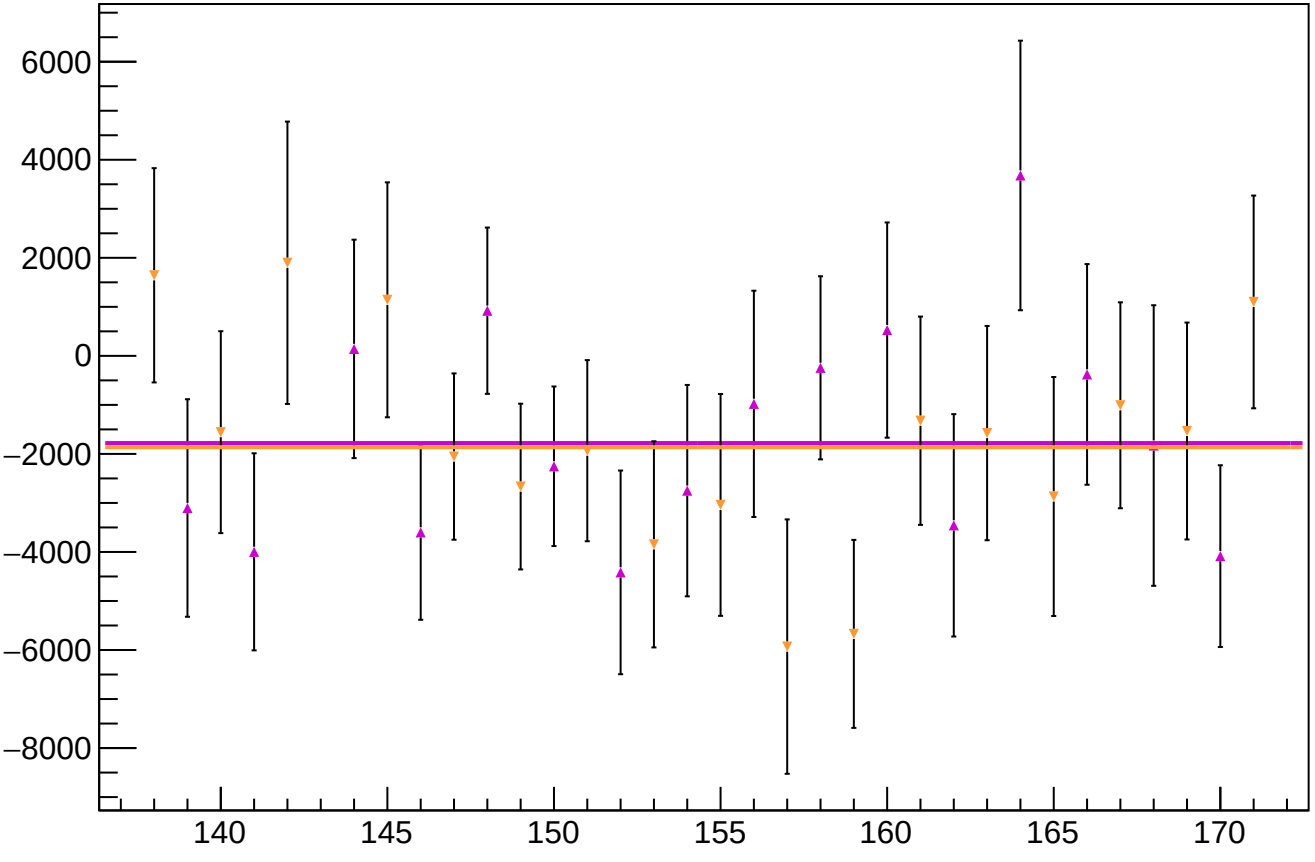
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 793.269+/-0.128 χ^2/NDF:401013.9/31

Out: 789.468+/-0.125 χ^2/NDF:19680.1/34

All: 791.323+/-0.090 χ^2/NDF: 421143.5/66

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1863.436+/-511.967 χ^2/NDF:16.0/16

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

Left In: -1778.723+/-515.839 χ^2/NDF:16.1/15

Left: -1821.399+/-363.377 χ^2/NDF: 32.1/32

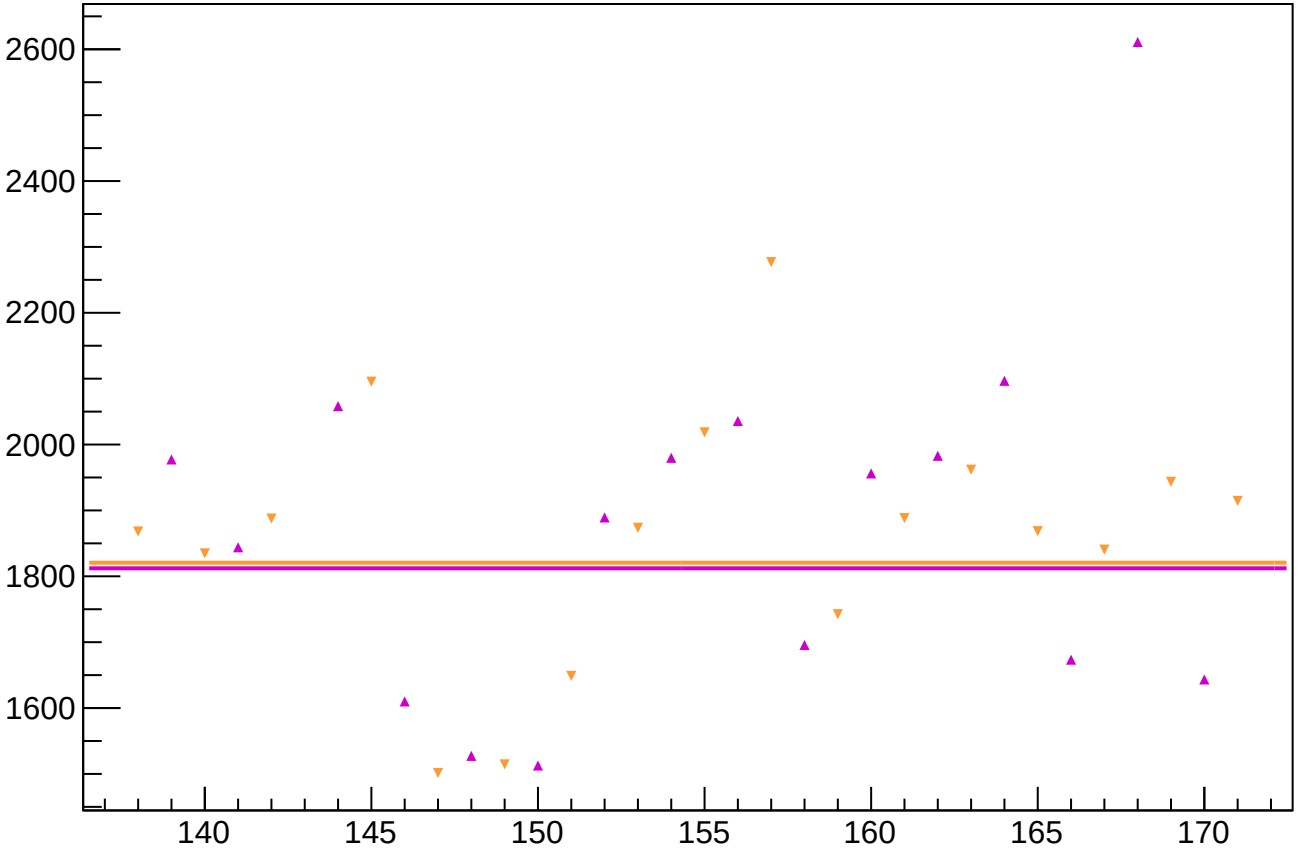
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1778.723+/-515.839 χ^2/NDF:16.1/15

Out: -1863.436+/-511.967 χ^2/NDF:16.0/16

All: -1821.399+/-363.377 χ^2/NDF: 32.1/32

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1820.648+/-0.362 χ^2/NDF:285084.4/16

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

Left In: 1812.130+/-0.365 χ^2/NDF:448639.9/15

Left: 1816.421+/-0.257 χ^2/NDF: 733999.1/32

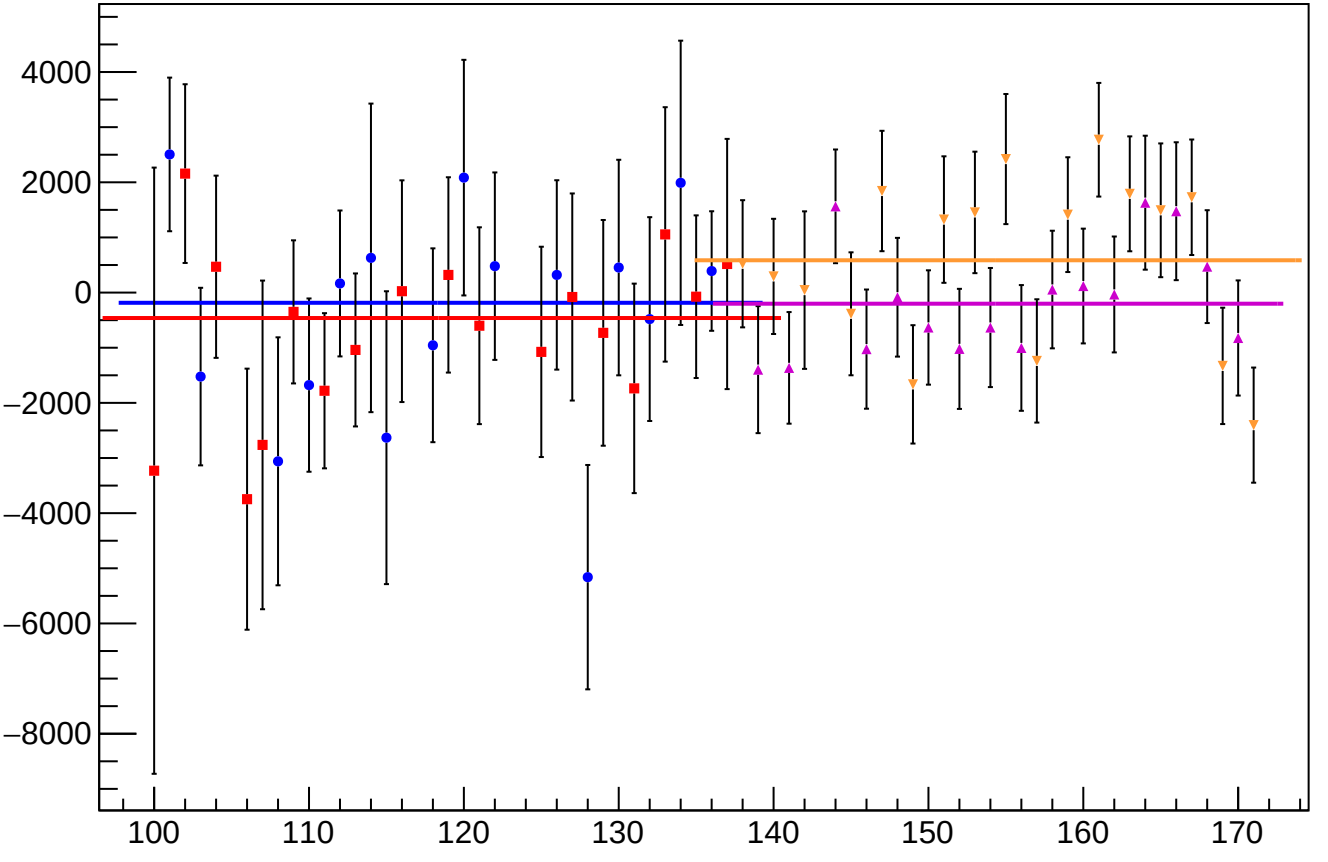
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1812.130+/-0.365 χ^2/NDF:448639.9/15

Out: 1820.648+/-0.362 χ^2/NDF:285084.4/16

All: 1816.421+/-0.257 χ^2/NDF: 733999.1/32

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 585.916+/-267.587 χ^2/NDF:32.5/16

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

Left In: -201.648+/-270.290 χ^2/NDF:12.4/15

Left: 196.092+/-190.161 χ^2/NDF: 49.2/32

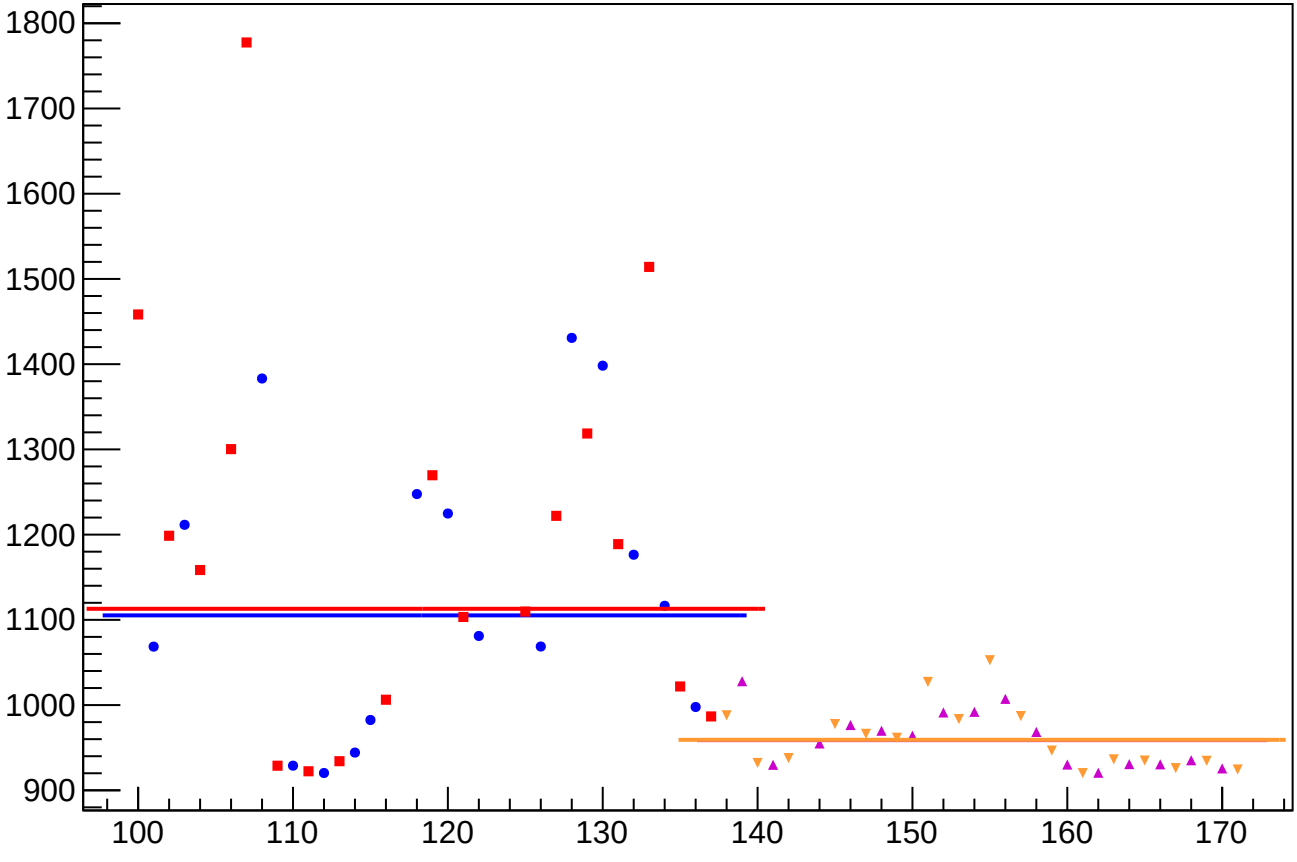
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -196.972+/-229.061 χ^2/NDF:29.0/31

Out: 290.560+/-226.732 χ^2/NDF:45.2/34

All: 49.286+/-161.141 χ^2/NDF: 76.5/66

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 959.225+/-0.189 χ^2/NDF:35726.8/16

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

Left In: 958.883+/-0.191 χ^2/NDF:26468.9/15

Left: 959.055+/-0.134 χ^2/NDF: 62197.3/32

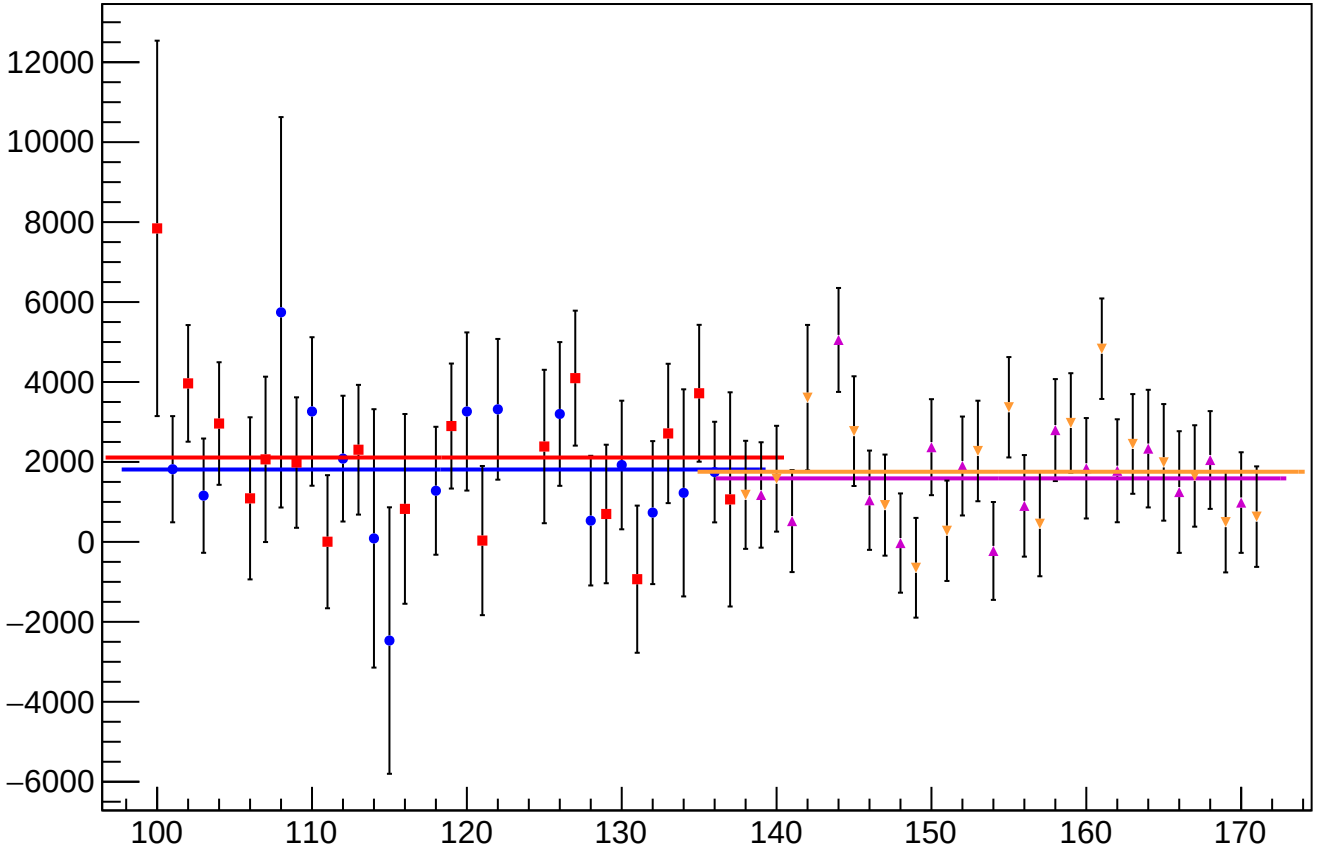
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 1000.126+/-0.162 χ^2/NDF:447078.3/31

Out: 1002.590+/-0.160 χ^2/NDF:584954.3/34

All: 1001.371+/-0.114 χ^2/NDF: 1032149.5/66

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1754.923+/-316.599 χ^2/NDF:19.2/16

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

Left In: 1588.493+/-320.150 χ^2/NDF:14.4/15

Left: 1672.636+/-225.114 χ^2/NDF: 33.8/32

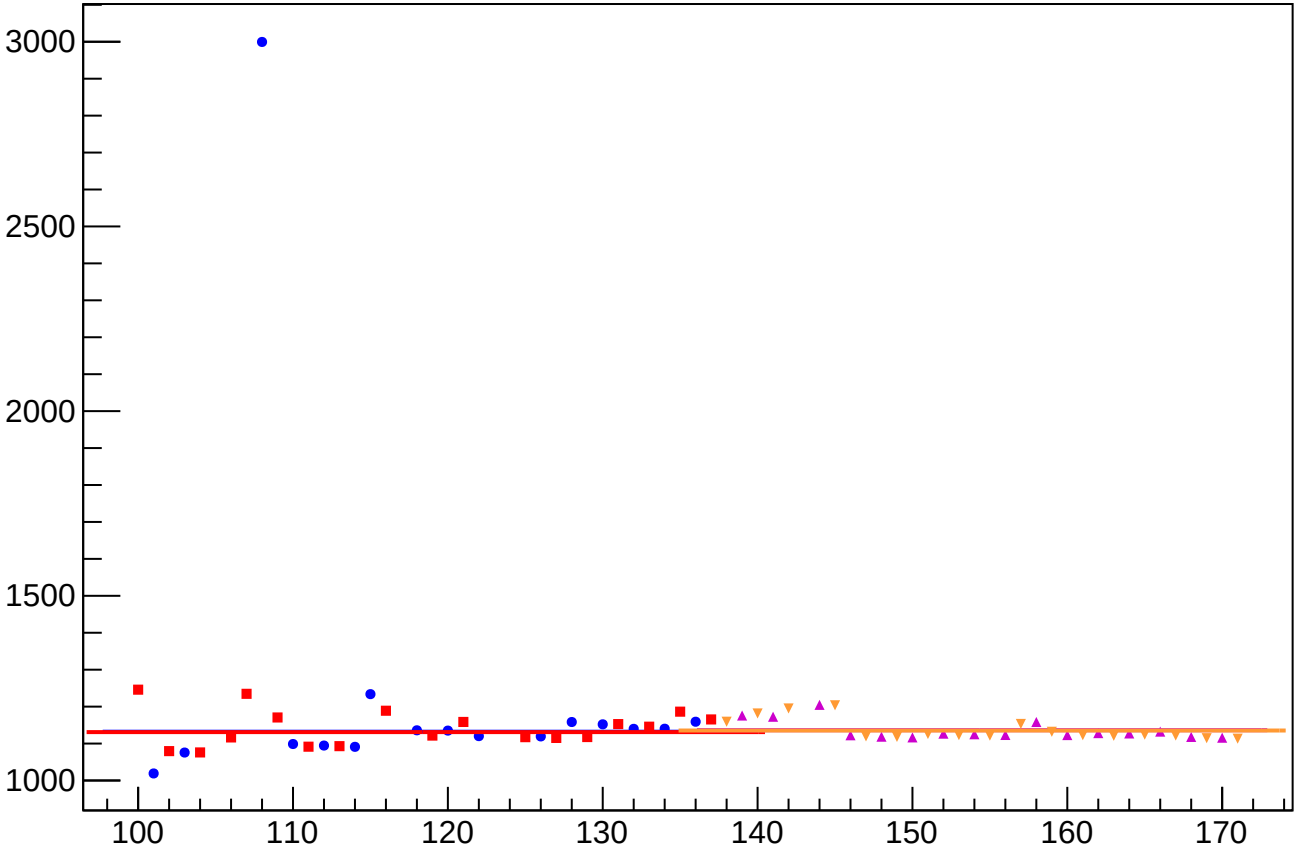
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1665.046+/-259.309 χ^2/NDF:21.0/31

Out: 1880.979+/-254.462 χ^2/NDF:32.7/34

All: 1775.049+/-181.621 χ^2/NDF: 54.1/66

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1135.309+/-0.224 χ^2/NDF:13771.9/16

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

Left In: 1136.232+/-0.226 χ^2/NDF:12624.5/15

Left: 1135.765+/-0.159 χ^2/NDF: 26404.9/32

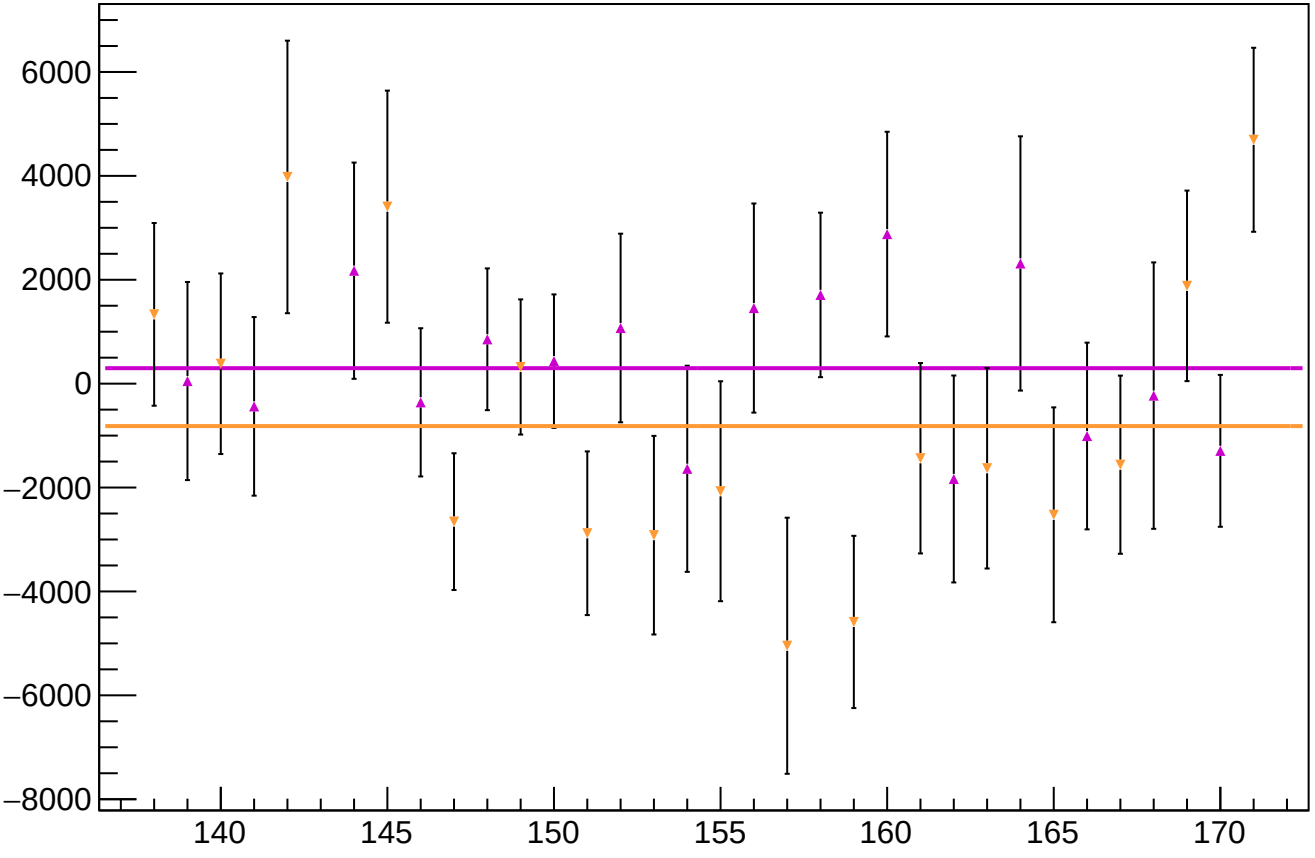
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1134.802+/-0.183 χ^2/NDF:328766.8/31

Out: 1133.789+/-0.180 χ^2/NDF:33621.2/34

All: 1134.286+/-0.128 χ^2/NDF: 362403.5/66

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -817.075+/-432.254 χ^2/NDF:36.0/16

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

Left In: 297.915+/-434.898 χ^2/NDF:9.0/15

Left: -262.978+/-306.580 χ^2/NDF: 48.3/32

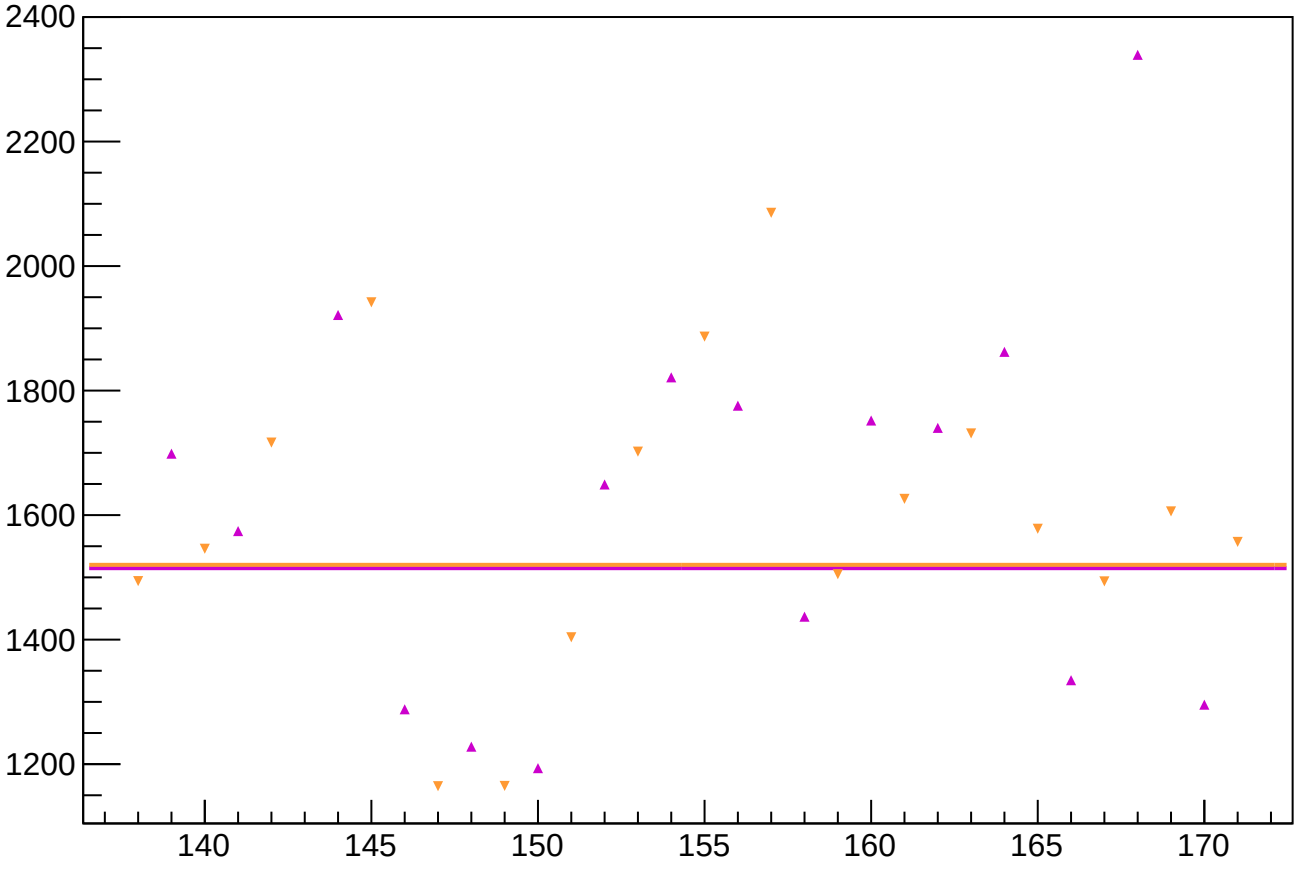
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 297.915+/-434.898 χ^2/NDF:9.0/15

Out: -817.075+/-432.254 χ^2/NDF:36.0/16

All: -262.978+/-306.580 χ^2/NDF: 48.3/32

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1520.142+/-0.306 χ^2/NDF:610626.8/16

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

Left In: 1514.744+/-0.308 χ^2/NDF:824960.5/15

Left: 1517.459+/-0.217 χ^2/NDF: 1435742.4/32

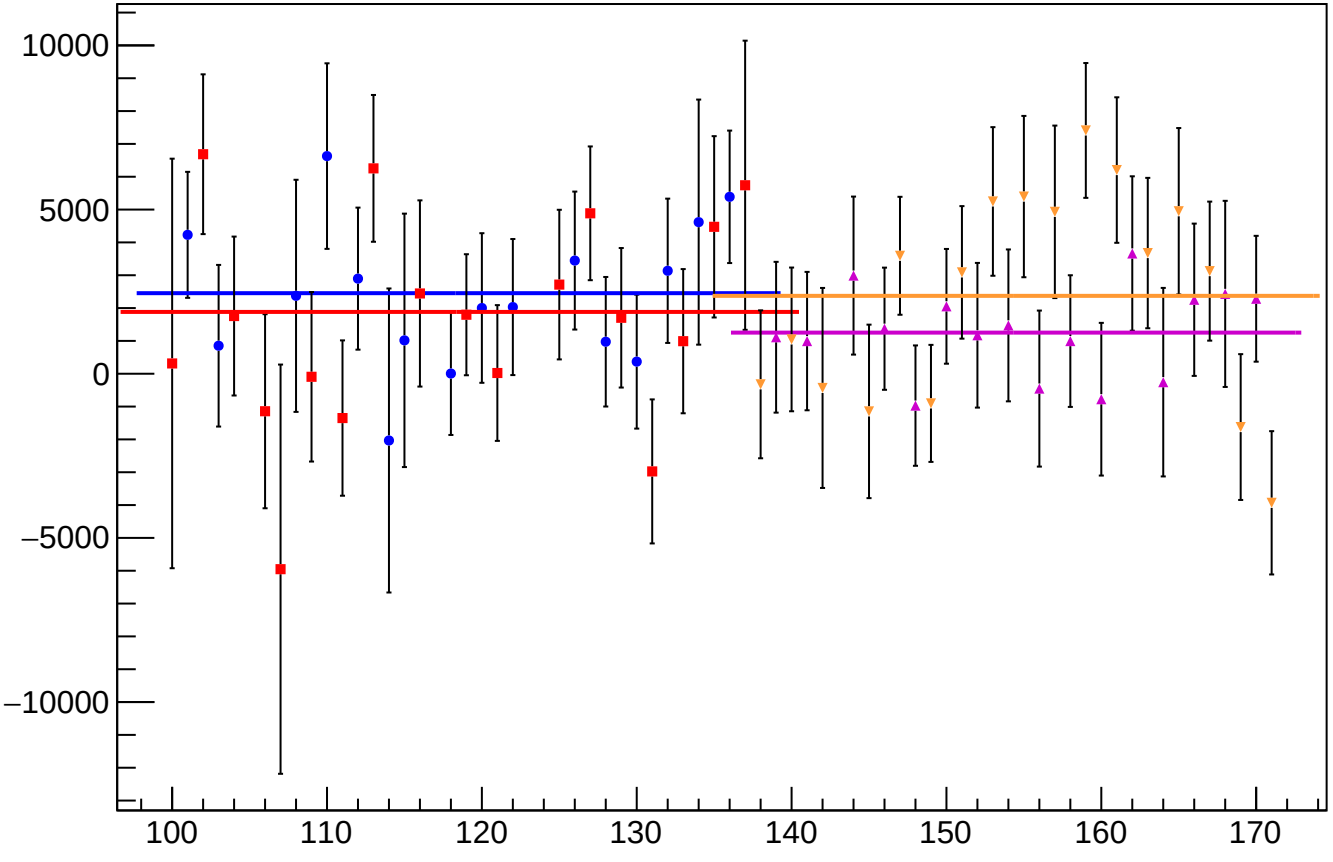
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1514.744+/-0.308 χ^2/NDF:824960.5/15

Out: 1520.142+/-0.306 χ^2/NDF:610626.8/16

All: 1517.459+/-0.217 χ^2/NDF: 1435742.4/32

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2372.065+/-537.907 χ^2/NDF:34.5/16

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

Left In: 1252.359+/-543.122 χ^2/NDF:5.5/15

Left: 1817.613+/-382.188 χ^2/NDF: 42.2/32

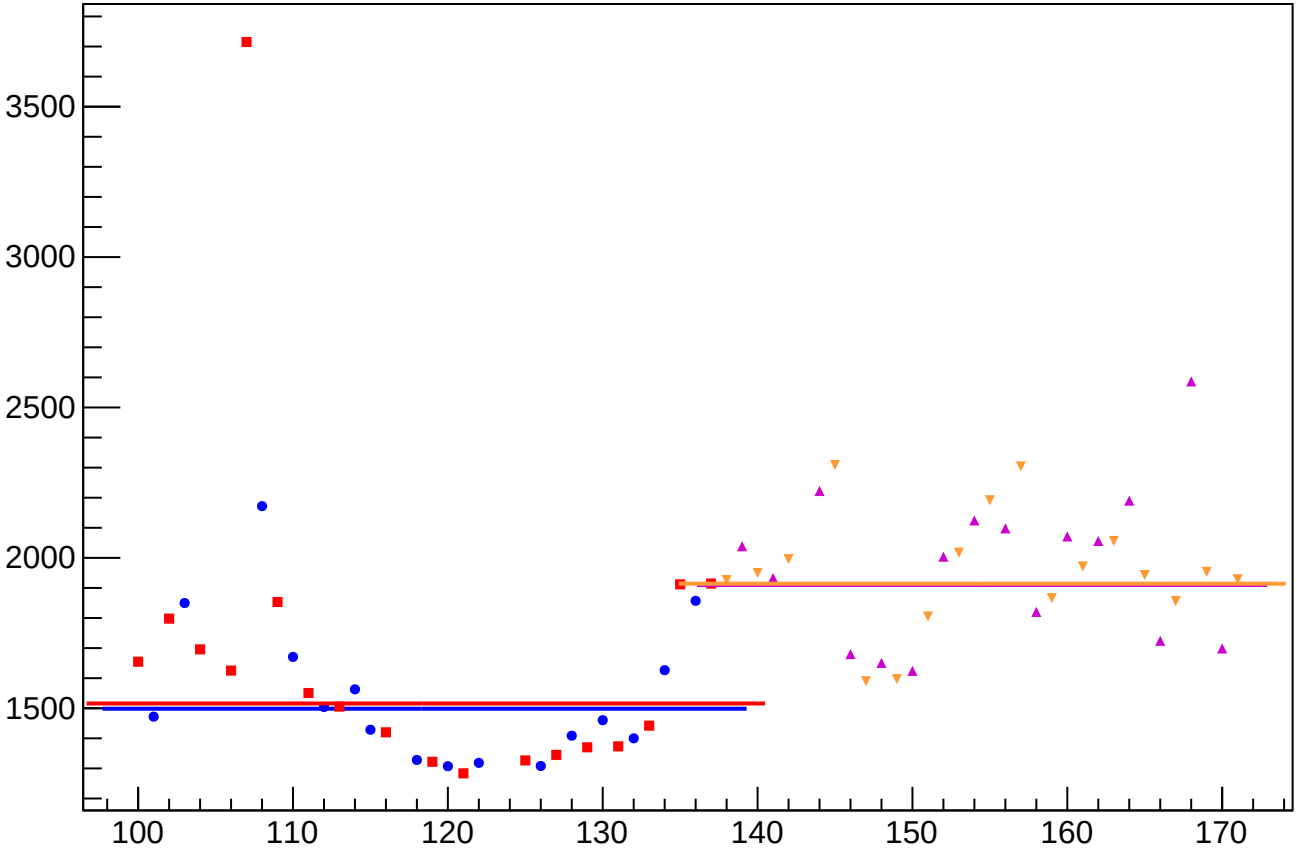
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 1809.189+/-397.809 χ^2/NDF:18.5/31

Out: 2147.141+/-395.398 χ^2/NDF:57.7/34

All: 1979.192+/-280.437 χ^2/NDF: 76.6/66

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1914.237+/-0.380 χ^2/NDF:267382.5/16

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

Left In: 1909.834+/-0.384 χ^2/NDF:389045.3/15

Left: 1912.057+/-0.270 χ^2/NDF: 656494.2/32

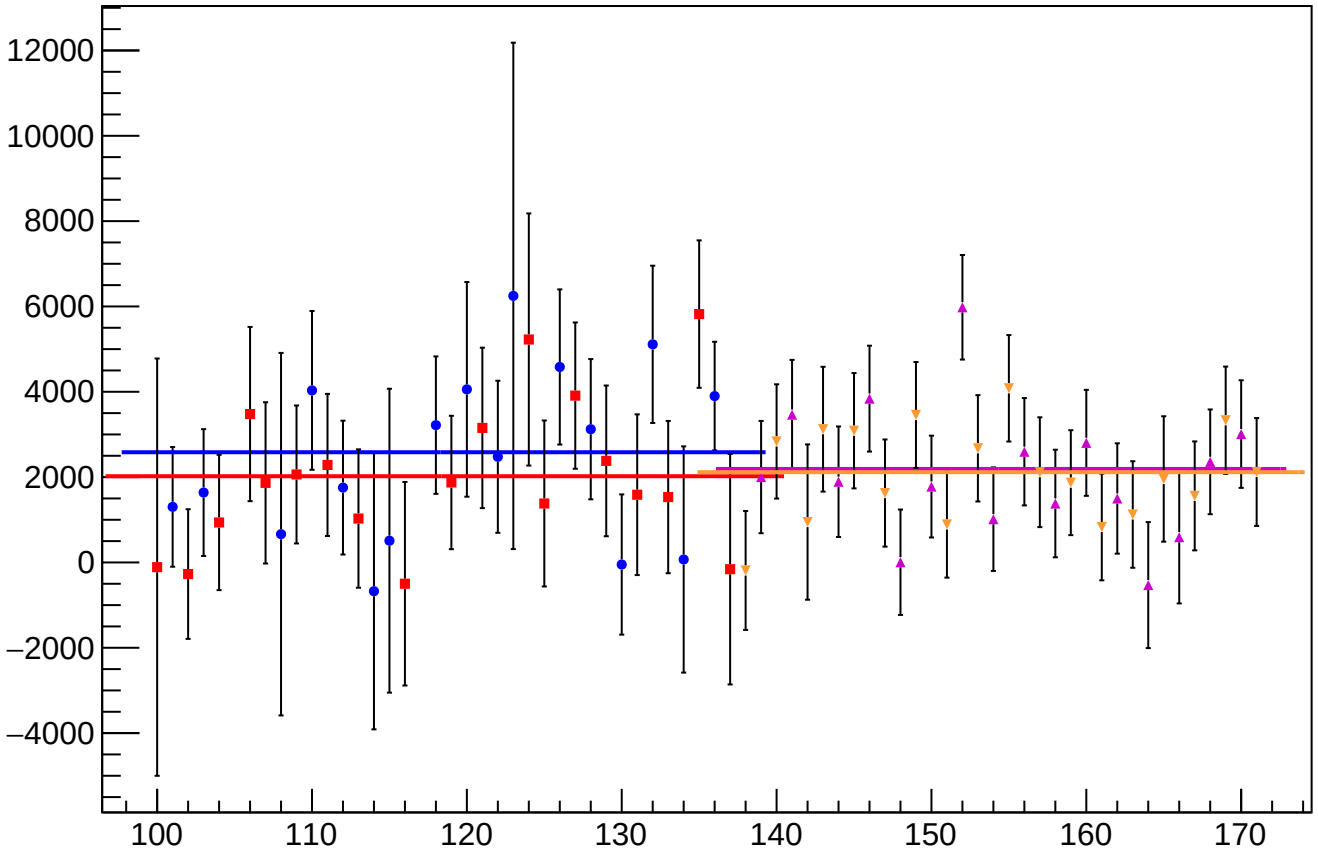
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1719.166+/-0.281 χ^2/NDF:1179624.6/31

Out: 1731.154+/-0.280 χ^2/NDF:1251962.0/34

All: 1725.196+/-0.198 χ^2/NDF: 2432500.2/66

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2115.181+/-308.860 χ^2/NDF:12.3/17

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

Left In: 2191.331+/-319.309 χ^2/NDF:22.5/15

Left: 2151.990+/-221.999 χ^2/NDF: 34.8/33

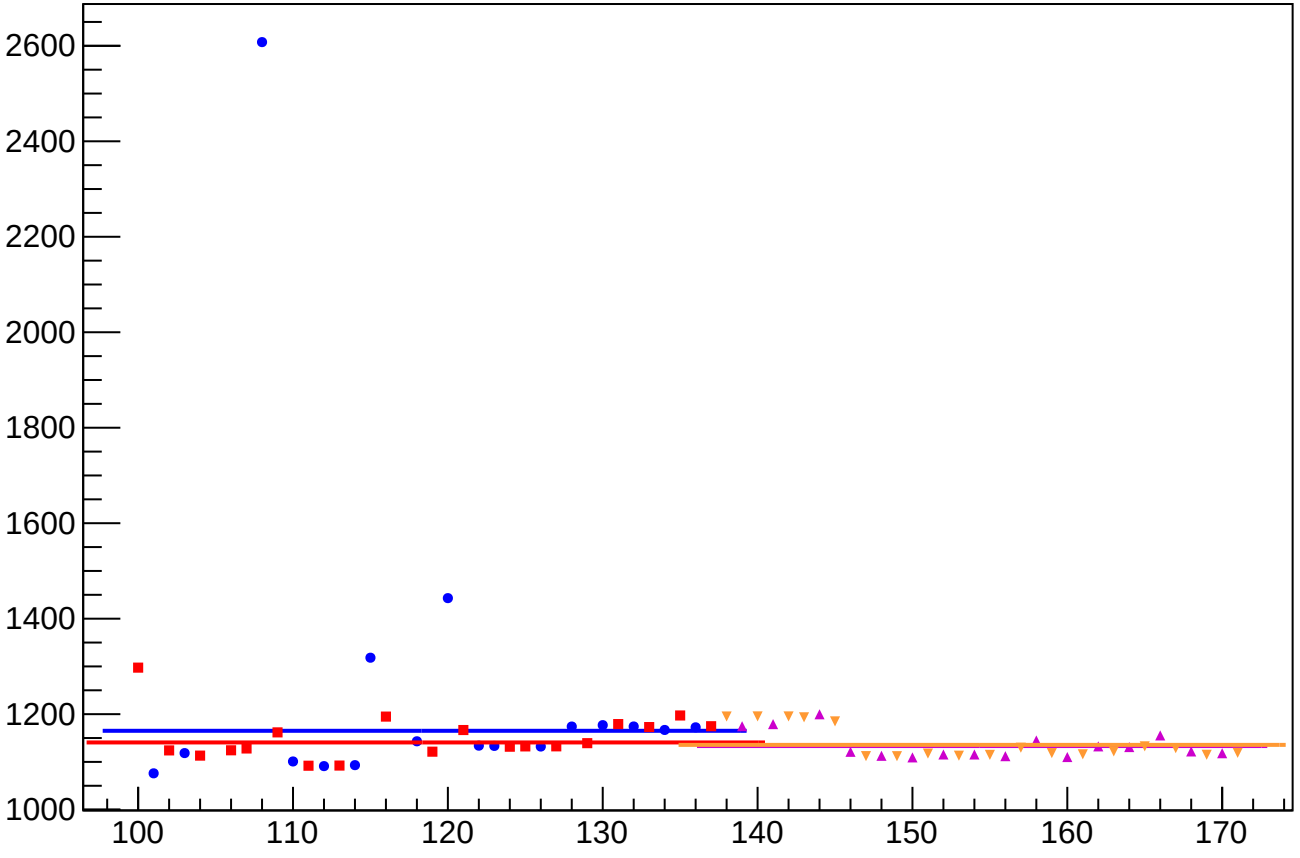
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2321.260+/-261.026 χ^2/NDF:35.3/32

Out: 2082.716+/-250.206 χ^2/NDF:25.8/36

All: 2196.942+/-180.626 χ^2/NDF: 61.5/69

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1135.662+/-0.218 χ^2/NDF:20729.5/17

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

Left In: 1133.203+/-0.226 χ^2/NDF:14492.1/15

Left: 1134.473+/-0.157 χ^2/NDF: 35282.8/33

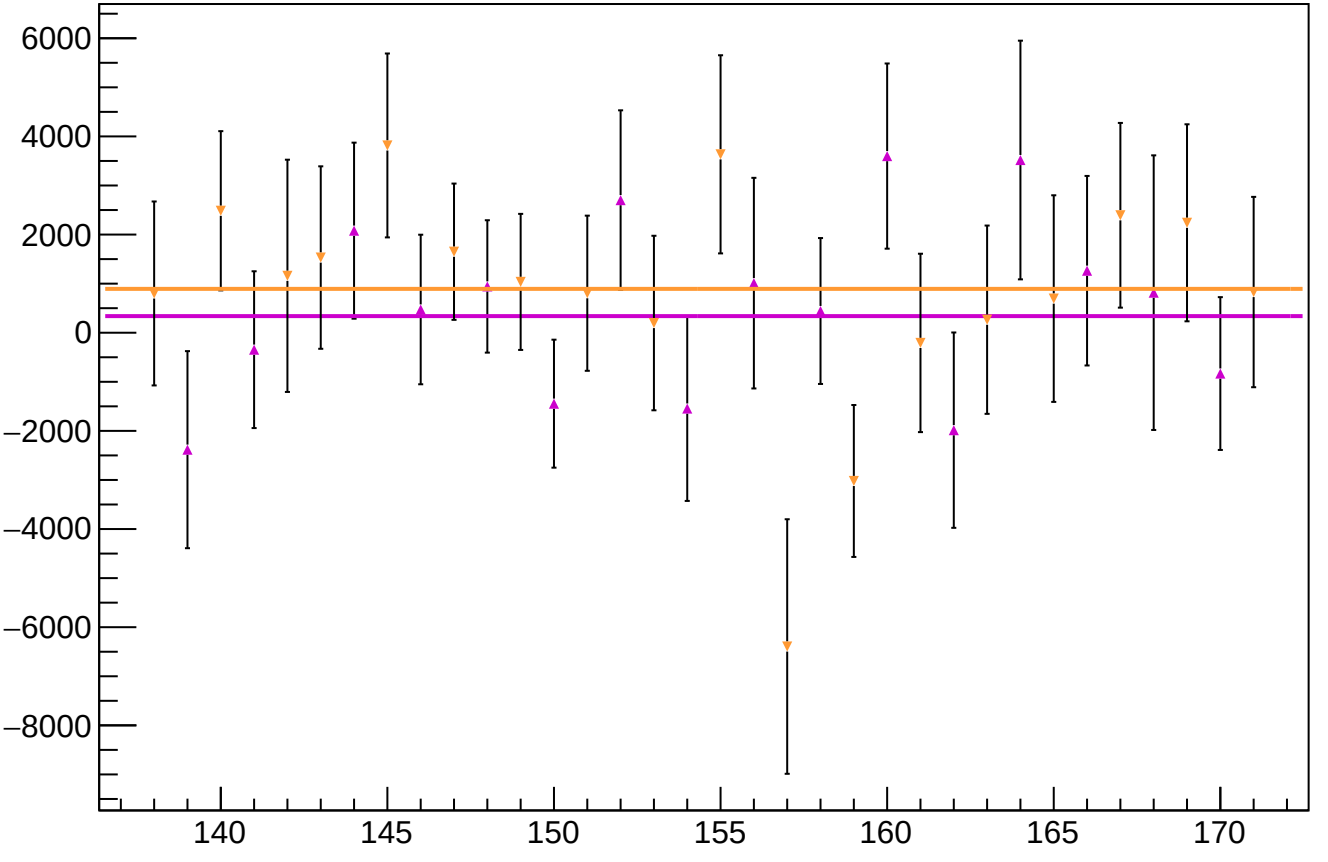
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1143.800+/-0.185 χ^2/NDF:299702.3/32

Out: 1137.411+/-0.177 χ^2/NDF:33633.9/36

All: 1140.470+/-0.128 χ^2/NDF: 333960.5/69

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 893.682+/-423.273 χ^2/NDF:21.7/17

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

Left In: 338.543+/-435.142 χ^2/NDF:14.7/15

Left: 623.787+/-303.408 χ^2/NDF: 37.2/33

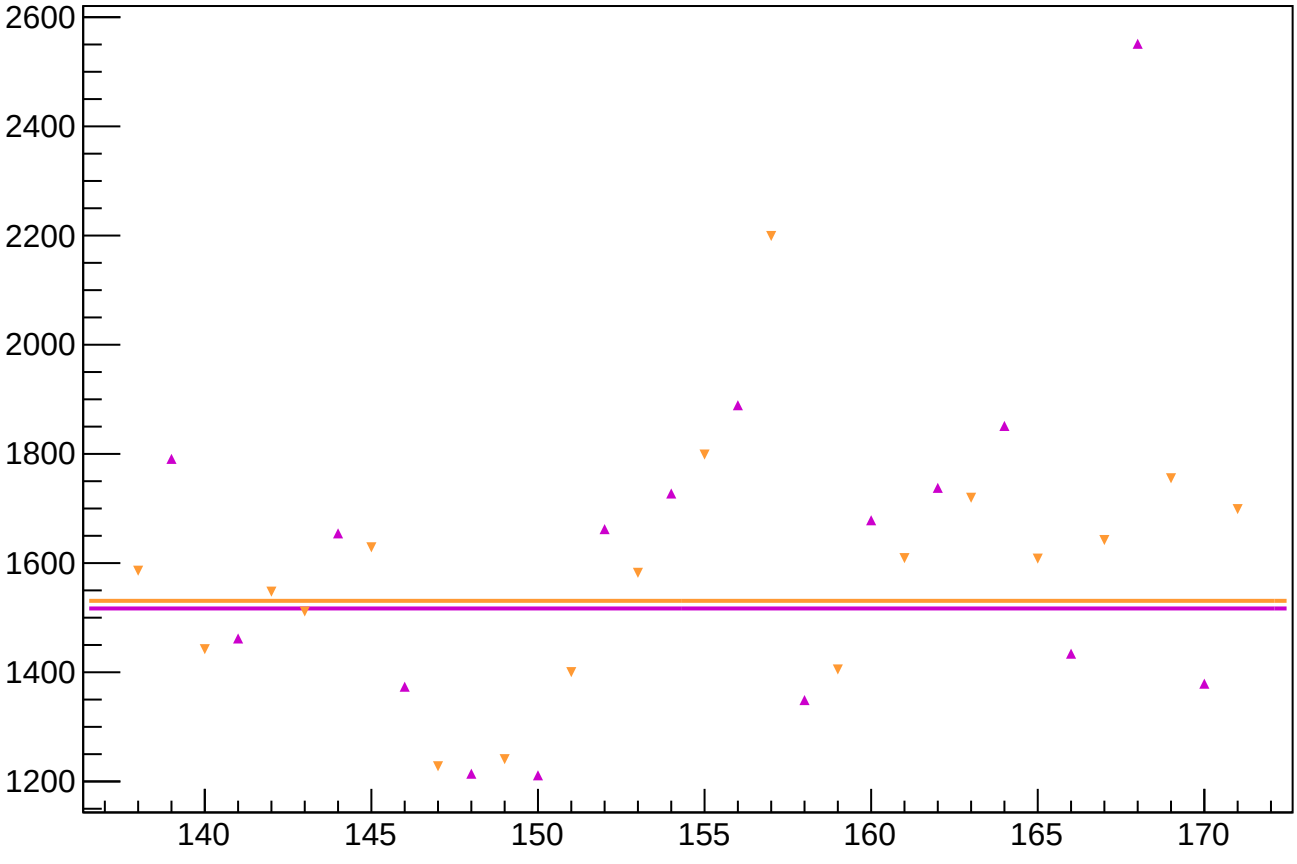
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 338.543+/-435.142 χ^2/NDF:14.7/15

Out: 893.682+/-423.273 χ^2/NDF:21.7/17

All: 623.787+/-303.408 χ^2/NDF: 37.2/33

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1530.857+/-0.299 χ^2/NDF:465801.6/17

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

Left In: 1516.887+/-0.308 χ^2/NDF:772962.2/15

Left: 1524.065+/-0.215 χ^2/NDF: 1239823.1/33

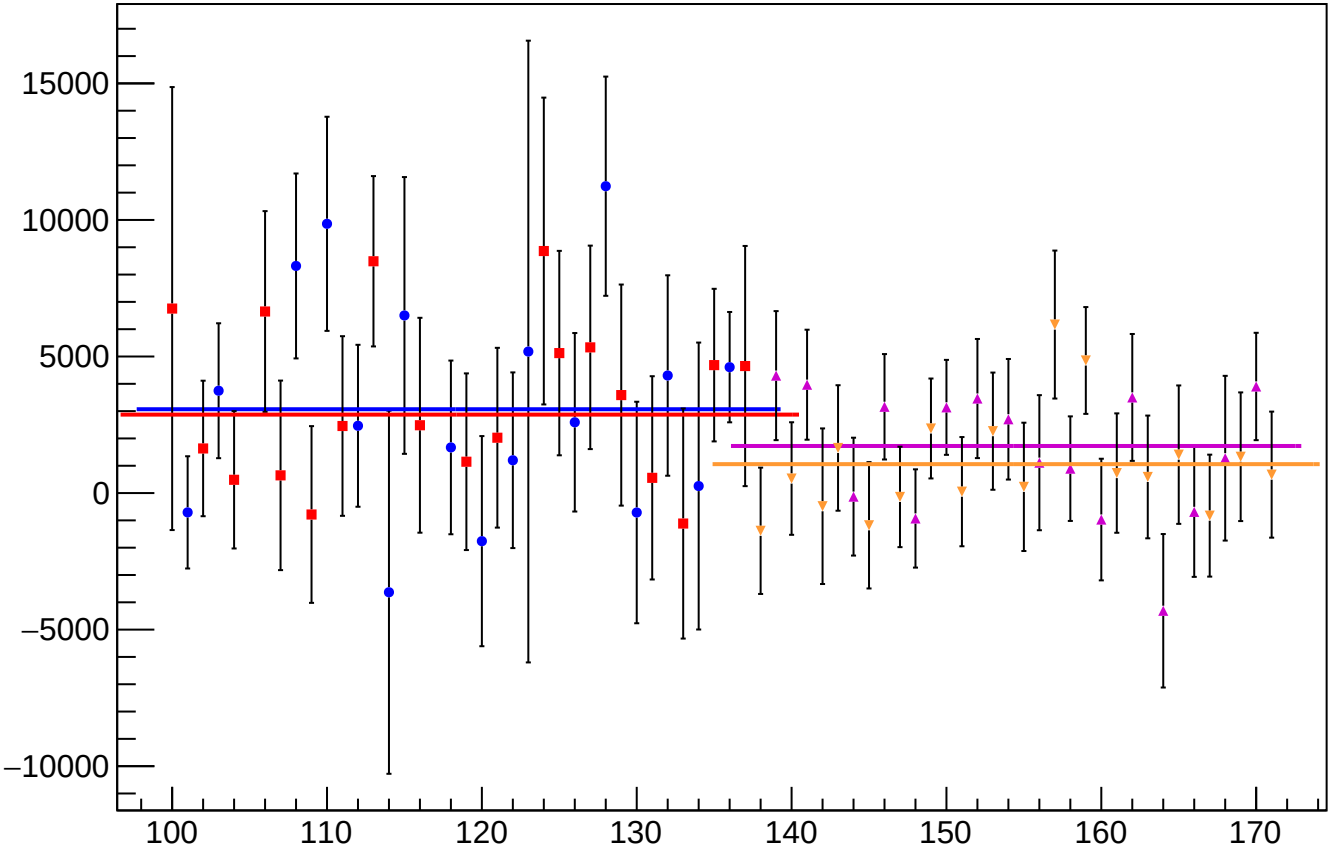
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1516.887+/-0.308 χ^2/NDF:772962.2/15

Out: 1530.857+/-0.299 χ^2/NDF:465801.6/17

All: 1524.065+/-0.215 χ^2/NDF: 1239823.1/33

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1058.680+/-520.265 χ^2/NDF:12.3/17

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

Left In: 1723.848+/-537.646 χ^2/NDF:16.6/15

Left: 1380.339+/-373.877 χ^2/NDF: 29.6/33

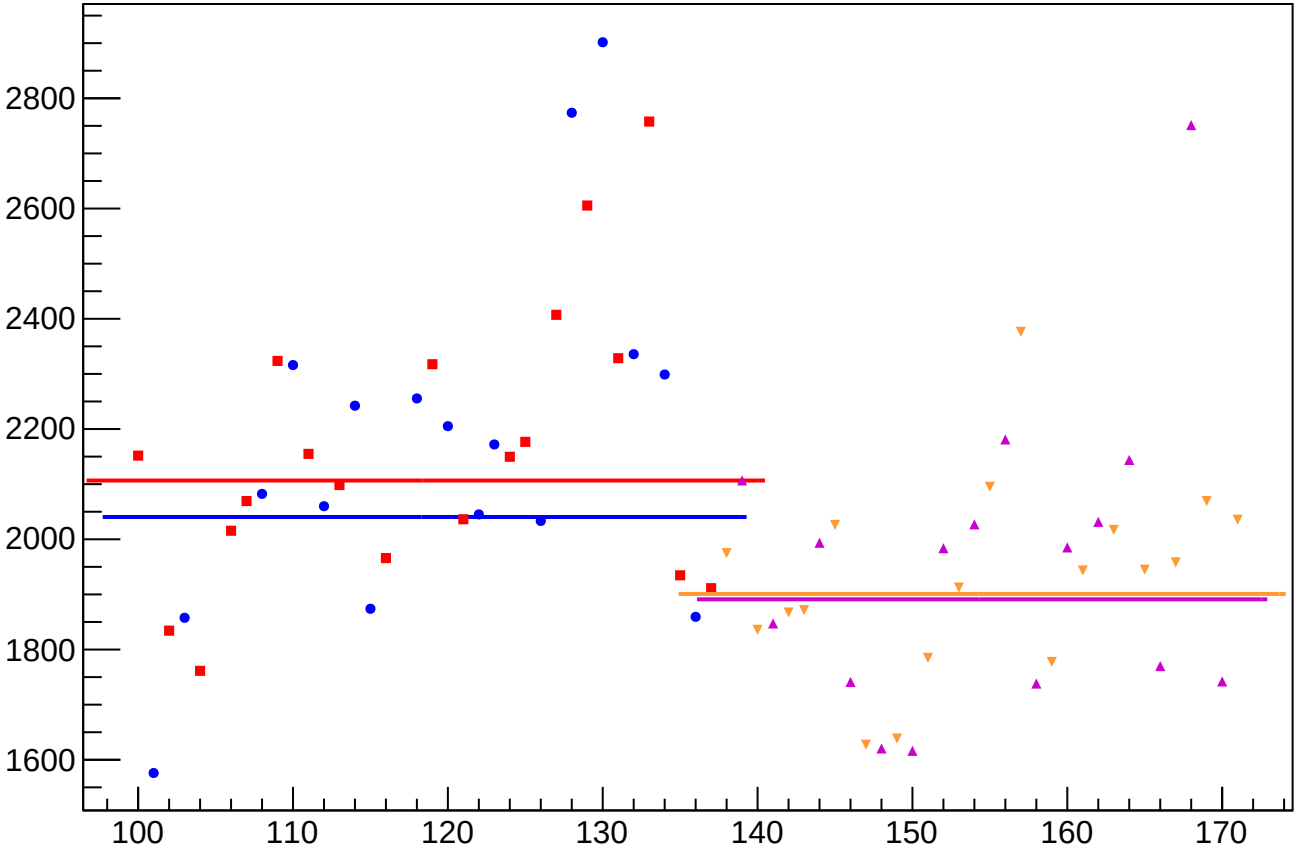
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2144.154+/-445.842 χ^2/NDF:37.1/32

Out: 1602.253+/-435.389 χ^2/NDF:27.5/36

All: 1866.777+/-311.496 χ^2/NDF: 65.3/69

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1900.876+/-0.368 χ^2/NDF:210883.0/17

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

Left In: 1891.112+/-0.380 χ^2/NDF:387326.0/15

Left: 1896.154+/-0.264 χ^2/NDF: 598549.7/33

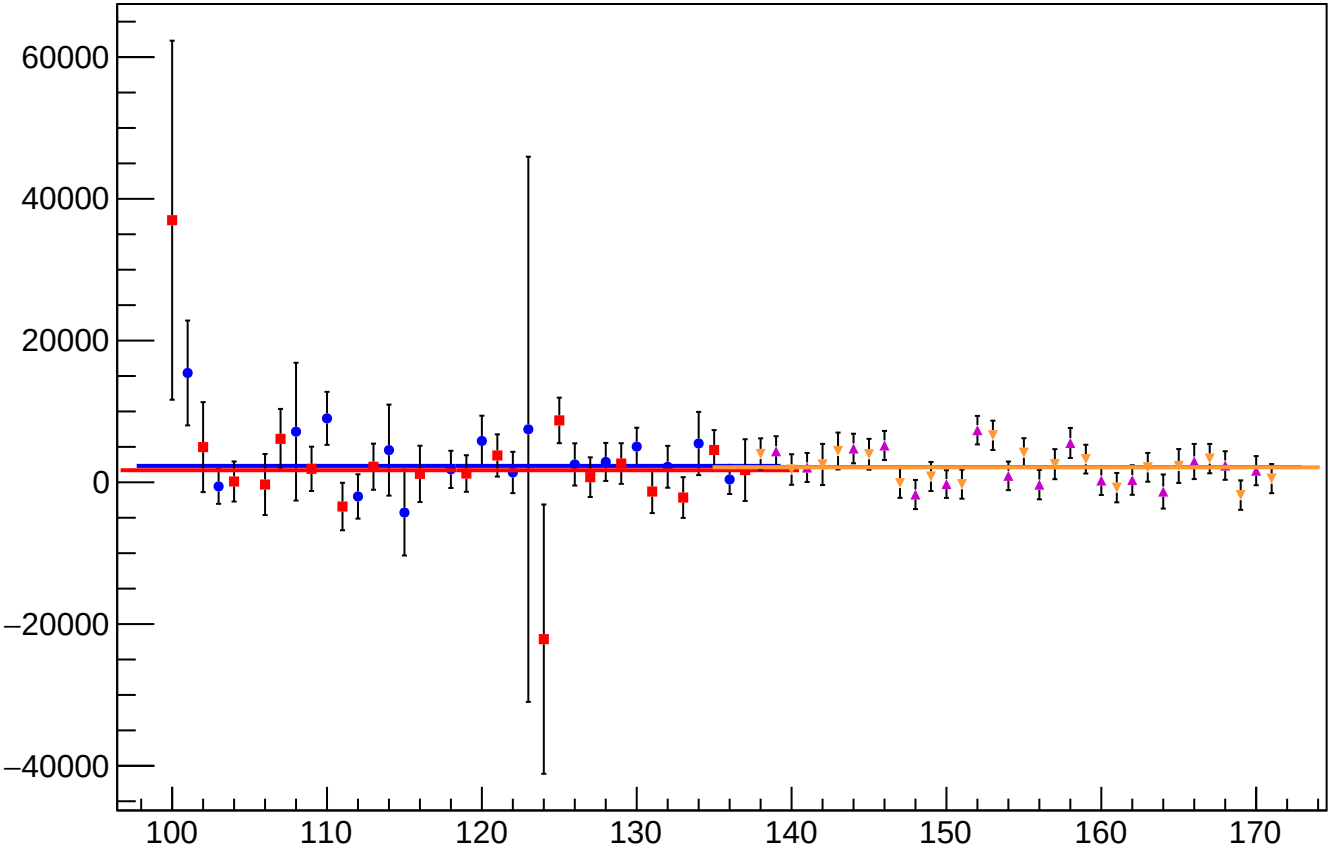
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1937.752+/-0.315 χ^2/NDF:766851.9/32

Out: 1962.531+/-0.308 χ^2/NDF:500029.7/36

All: 1950.436+/-0.220 χ^2/NDF: 1270043.8/69

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2119.157+/-506.757 χ^2/NDF:17.8/17

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

Left In: 2155.395+/-522.627 χ^2/NDF:24.9/15

Left: 2136.718+/-363.812 χ^2/NDF: 42.6/33

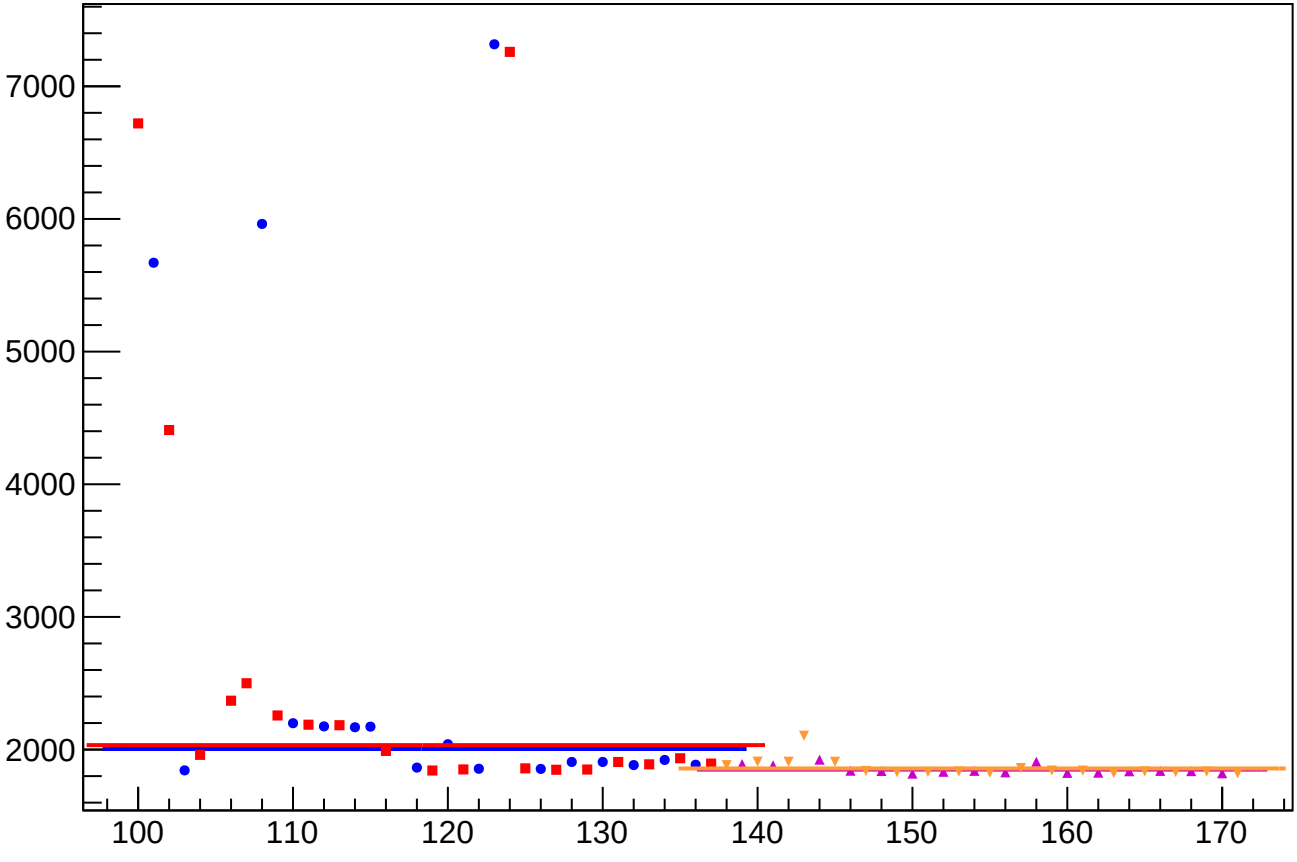
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2204.221+/-437.771 χ^2/NDF:39.7/32

Out: 1997.009+/-425.407 χ^2/NDF:35.1/36

All: 2097.648+/-305.085 χ^2/NDF: 74.9/69

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1857.655+/-0.358 χ^2/NDF:24810.0/17

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

Left In: 1849.073+/-0.370 χ^2/NDF:7393.5/15

Left: 1853.496+/-0.257 χ^2/NDF: 32481.5/33

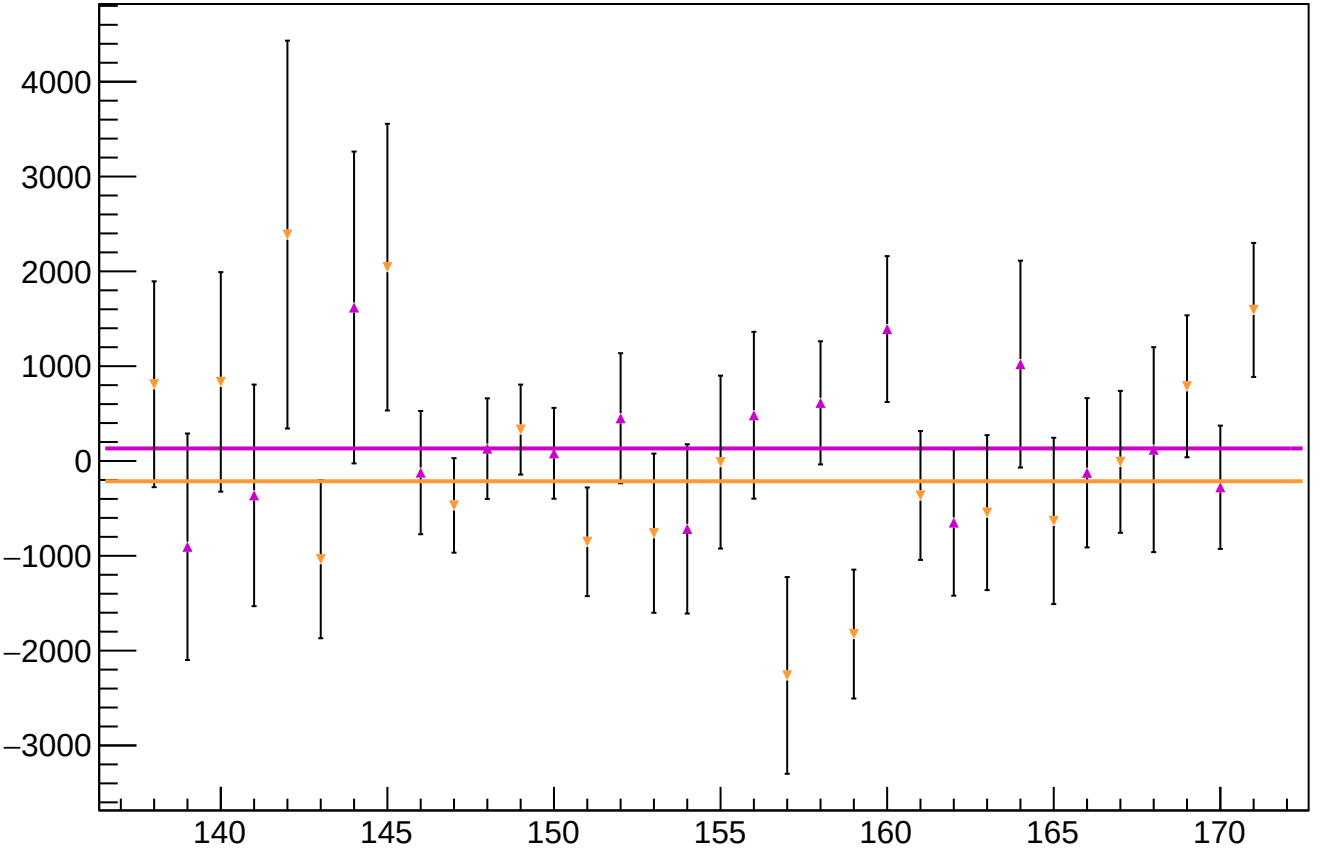
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1895.462+/-0.310 χ^2/NDF:976219.2/32

Out: 1909.578+/-0.301 χ^2/NDF:706924.5/36

All: 1902.722+/-0.216 χ^2/NDF: 1684213.2/69

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -213.496+/-178.256 χ^2/NDF:28.2/17

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

Left In: 132.313+/-188.411 χ^2/NDF:8.6/15

Left: -50.161+/-129.487 χ^2/NDF: 38.6/33

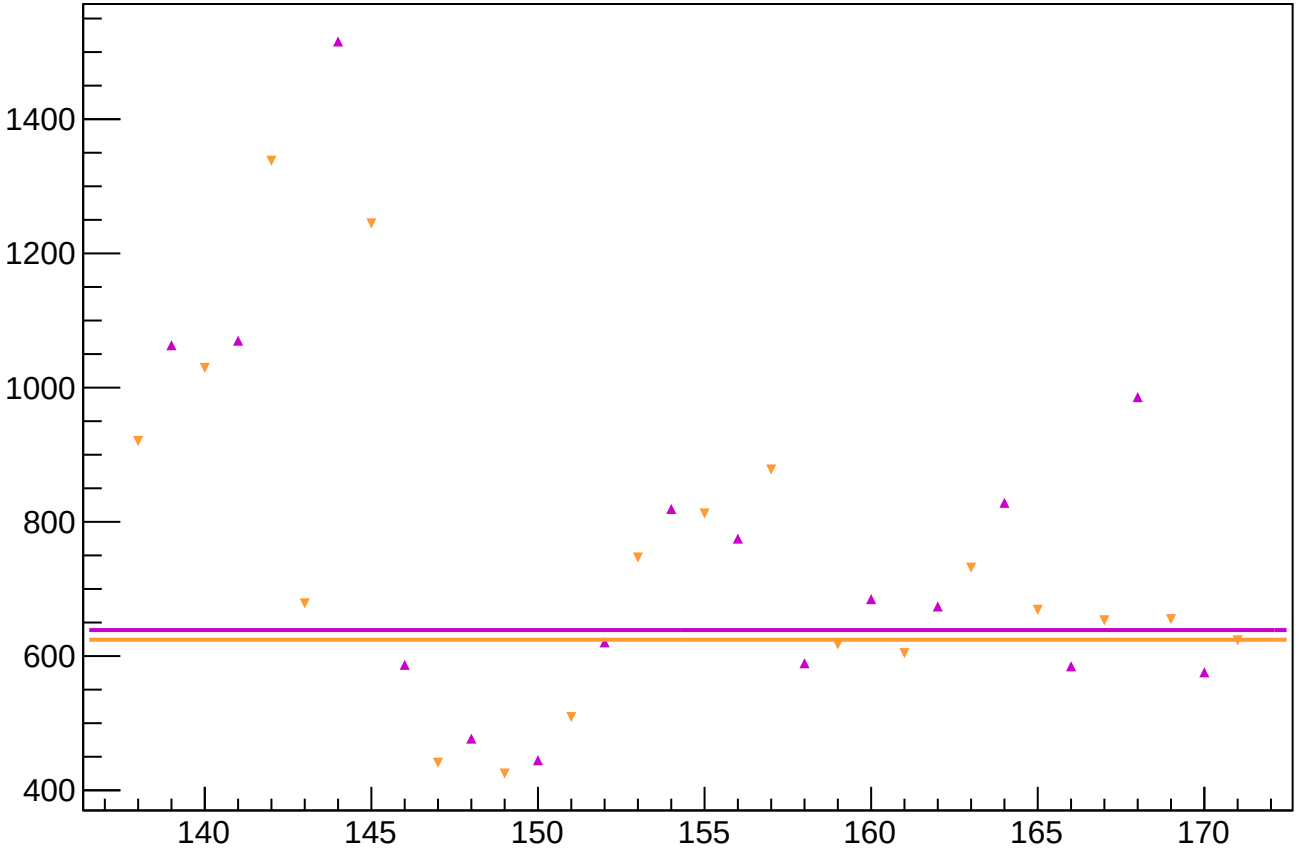
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 132.313+/-188.411 χ^2/NDF:8.6/15

Out: -213.496+/-178.256 χ^2/NDF:28.2/17

All: -50.161+/-129.487 χ^2/NDF: 38.6/33

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 624.354+/-0.126 χ^2/NDF:1982164.4/17

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

Left In: 638.763+/-0.133 χ^2/NDF:2069151.5/15

Left: 631.160+/-0.092 χ^2/NDF: 4057488.3/33

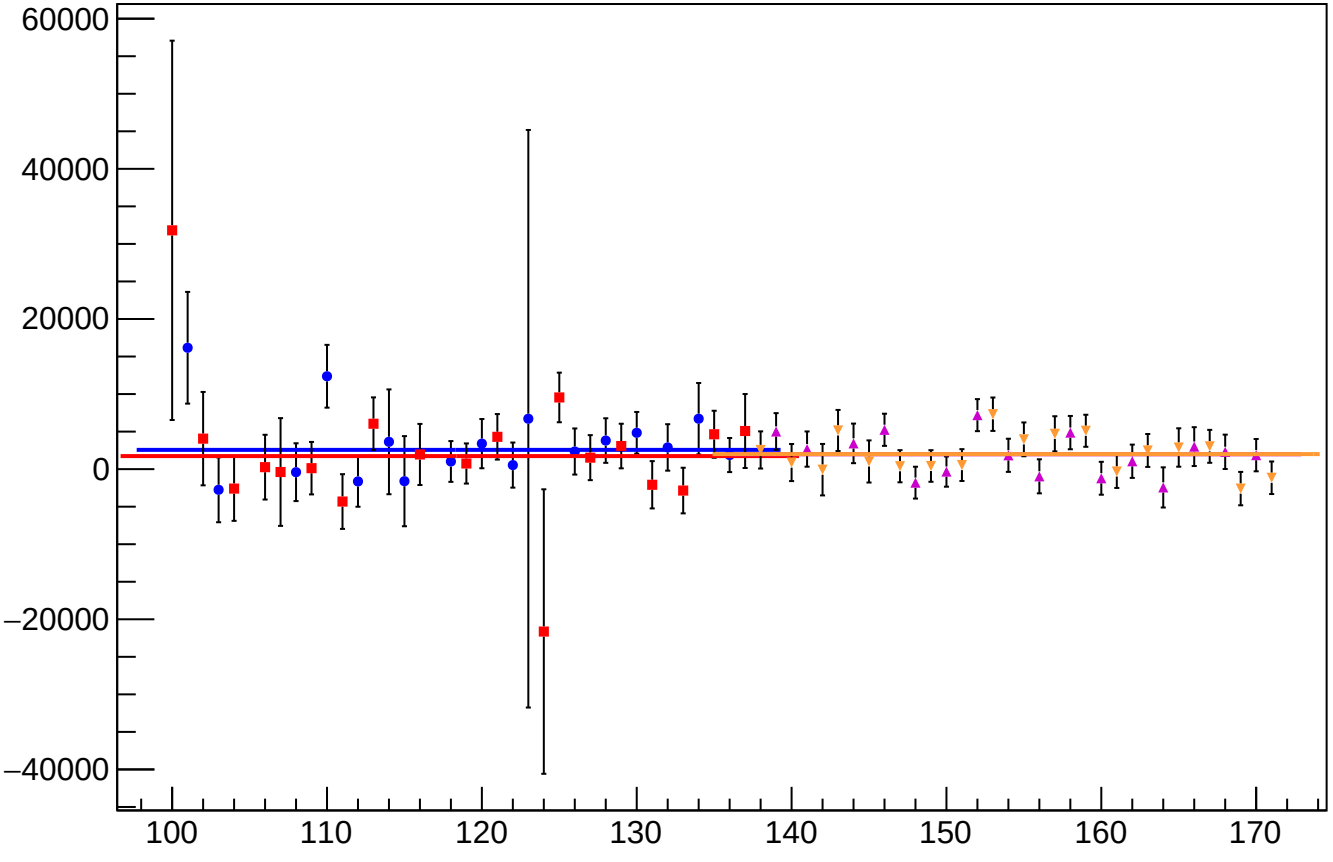
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 638.763+/-0.133 χ^2/NDF:2069151.5/15

Out: 624.354+/-0.126 χ^2/NDF:1982164.4/17

All: 631.160+/-0.092 χ^2/NDF: 4057488.3/33

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2002.359+/-547.753 χ^2/NDF:21.5/17

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

Left In: 1978.395+/-567.073 χ^2/NDF:23.3/15

Left: 1990.792+/-393.973 χ^2/NDF: 44.8/33

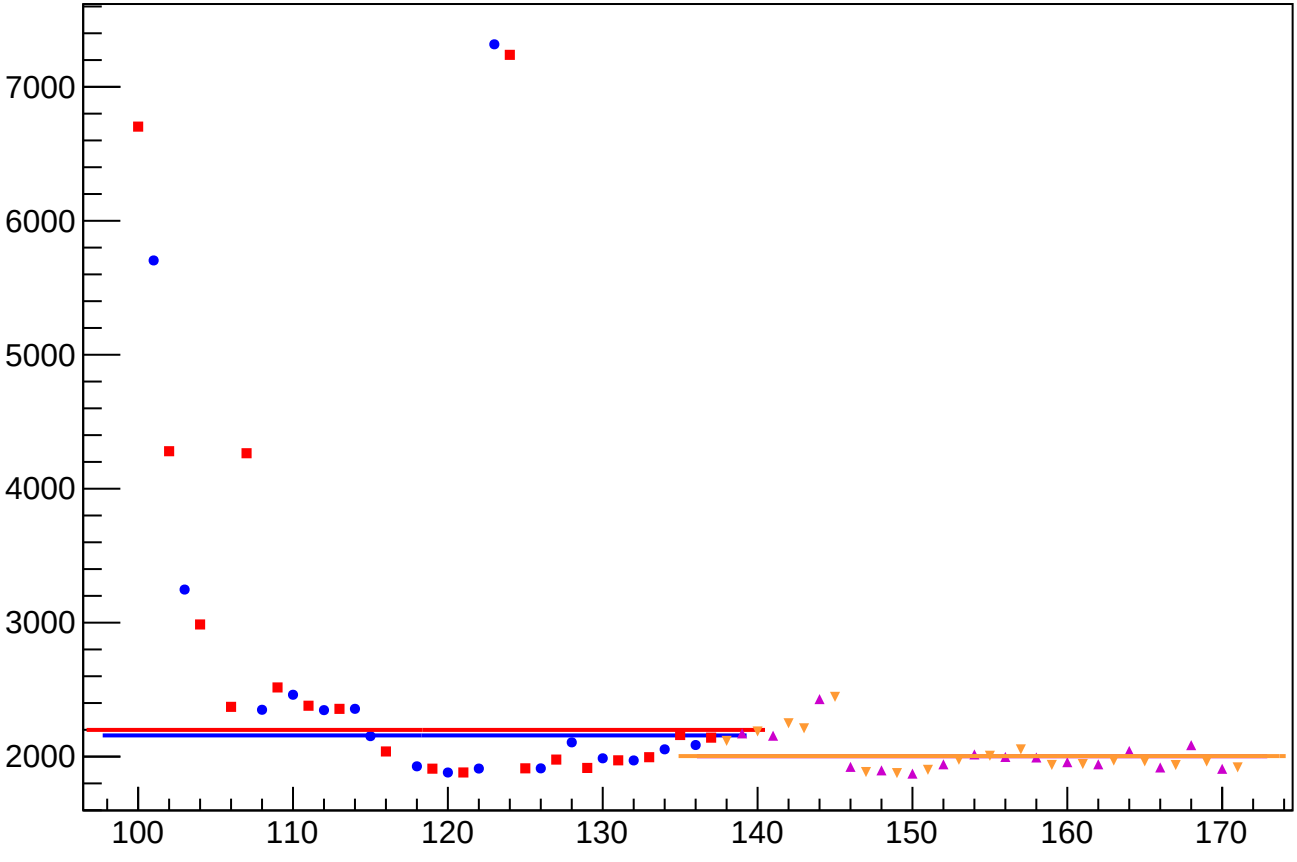
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2157.836+/-472.762 χ^2/NDF:39.2/32

Out: 1925.107+/-460.935 χ^2/NDF:42.1/36

All: 2038.524+/-330.032 χ^2/NDF: 81.4/69

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2003.889+/-0.387 χ^2/NDF:115978.8/17

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

Left In: 2002.479+/-0.401 χ^2/NDF:99550.0/15

Left: 2003.208+/-0.279 χ^2/NDF: 215535.2/33

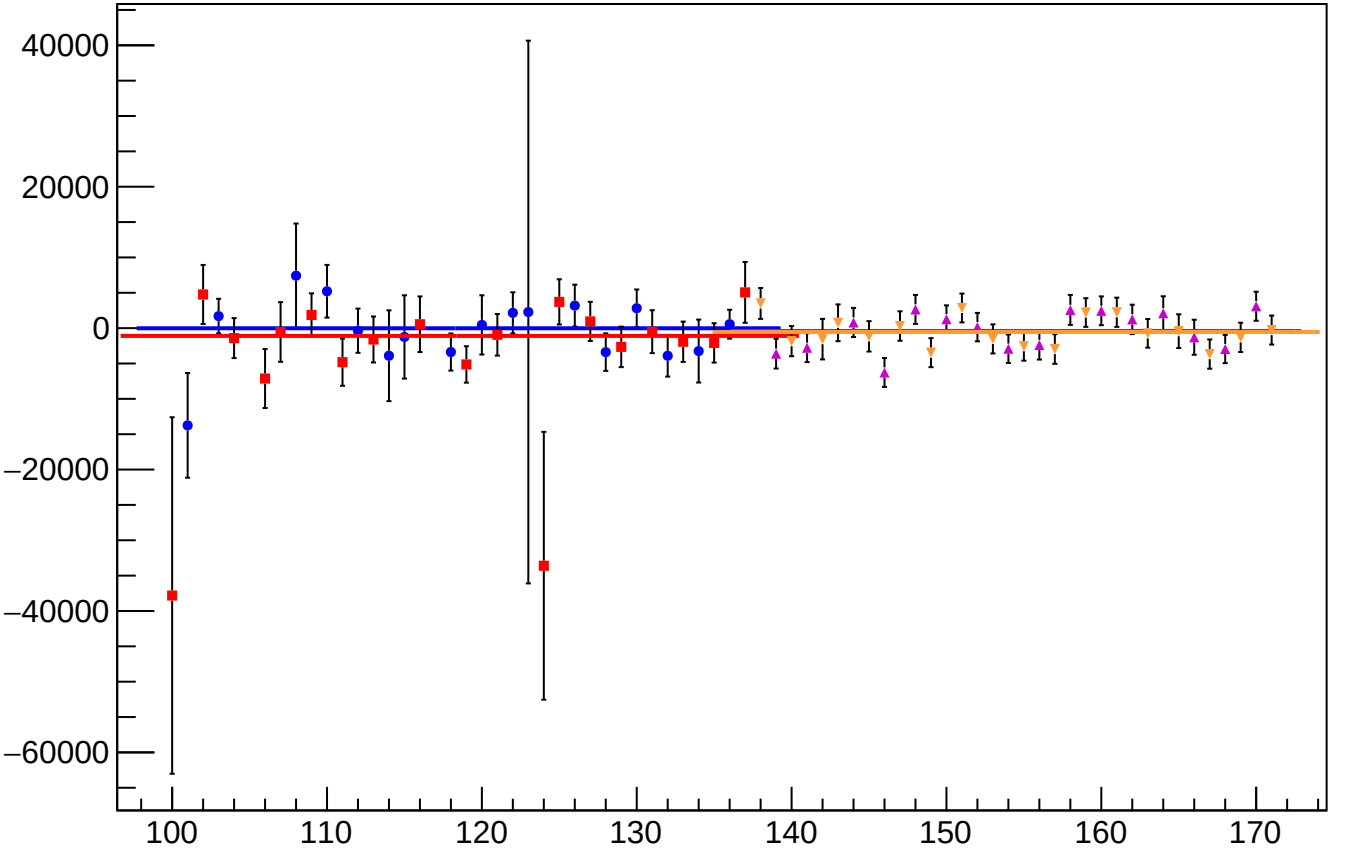
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2049.952+/-0.334 χ^2/NDF:859375.1/32

Out: 2060.938+/-0.326 χ^2/NDF:993327.8/36

All: 2055.584+/-0.233 χ^2/NDF: 1853256.6/69

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -543.092+/-504.599 χ^2/NDF:17.8/17

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

Left In: -397.490+/-520.678 χ^2/NDF:28.1/15

Left: -472.574+/-362.357 χ^2/NDF: 45.9/33

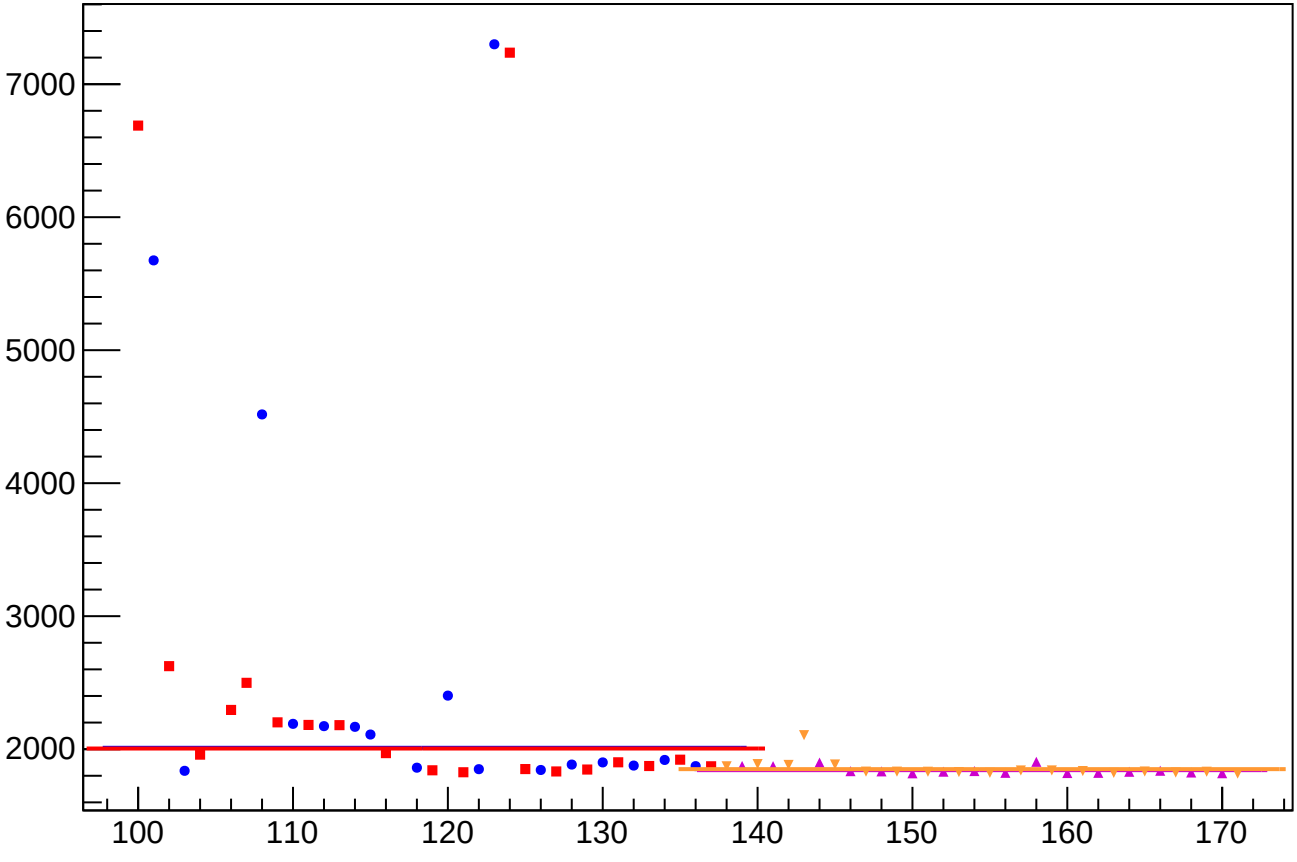
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -284.930+/-436.618 χ^2/NDF:44.1/32

Out: -709.115+/-422.003 χ^2/NDF:37.6/36

All: -504.241+/-303.436 χ^2/NDF: 82.1/69

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1849.836+/-0.357 χ^2/NDF:23676.2/17

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

Left In: 1842.266+/-0.368 χ^2/NDF:5659.0/15

Left: 1846.170+/-0.256 χ^2/NDF: 29553.3/33

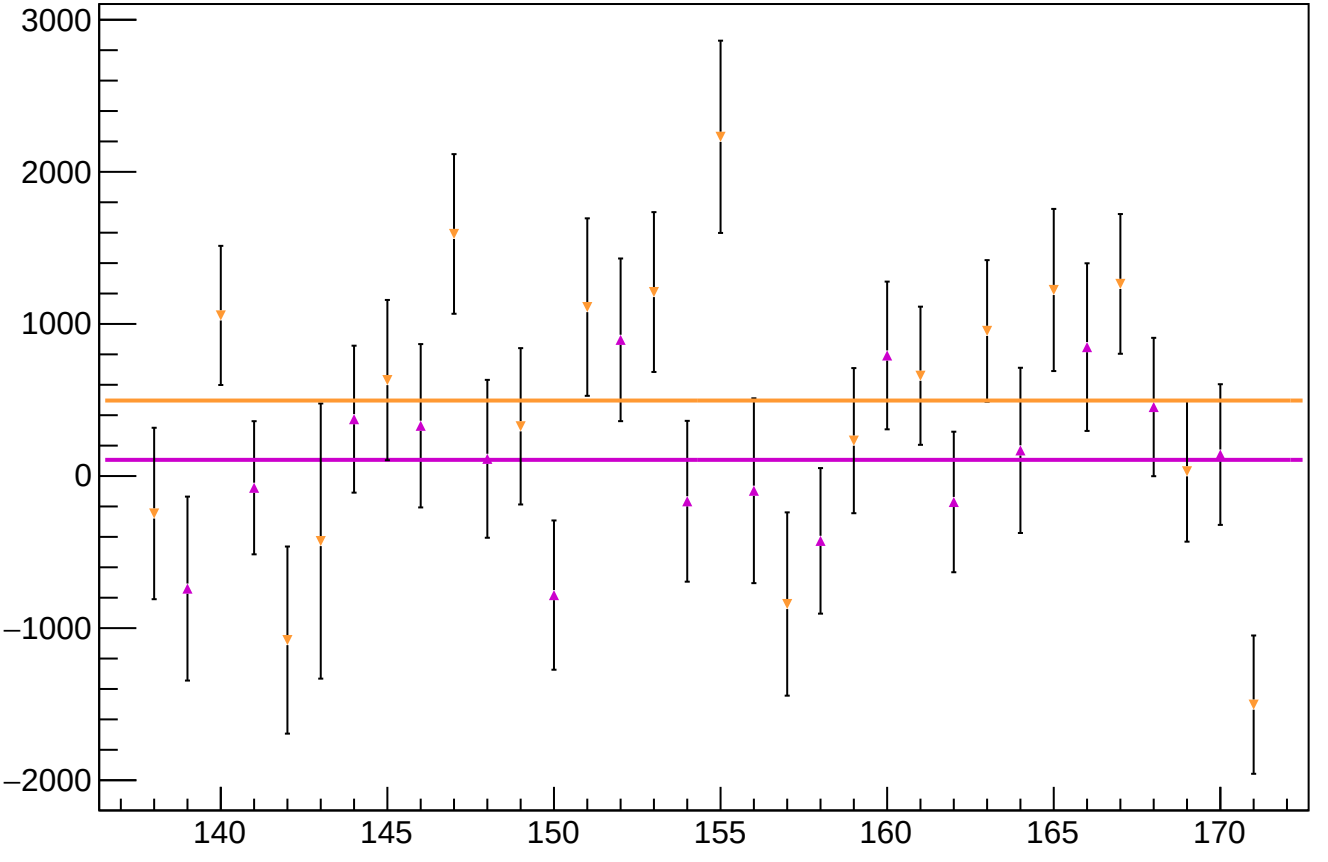
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1892.134+/-0.309 χ^2/NDF:907213.2/32

Out: 1896.440+/-0.298 χ^2/NDF:447946.6/36

All: 1894.361+/-0.215 χ^2/NDF: 1355260.3/69

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 496.458+/-122.861 χ^2/NDF:57.2/17

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

Left In: 106.439+/-126.156 χ^2/NDF:14.5/15

Left: 306.608+/-88.017 χ^2/NDF: 76.5/33

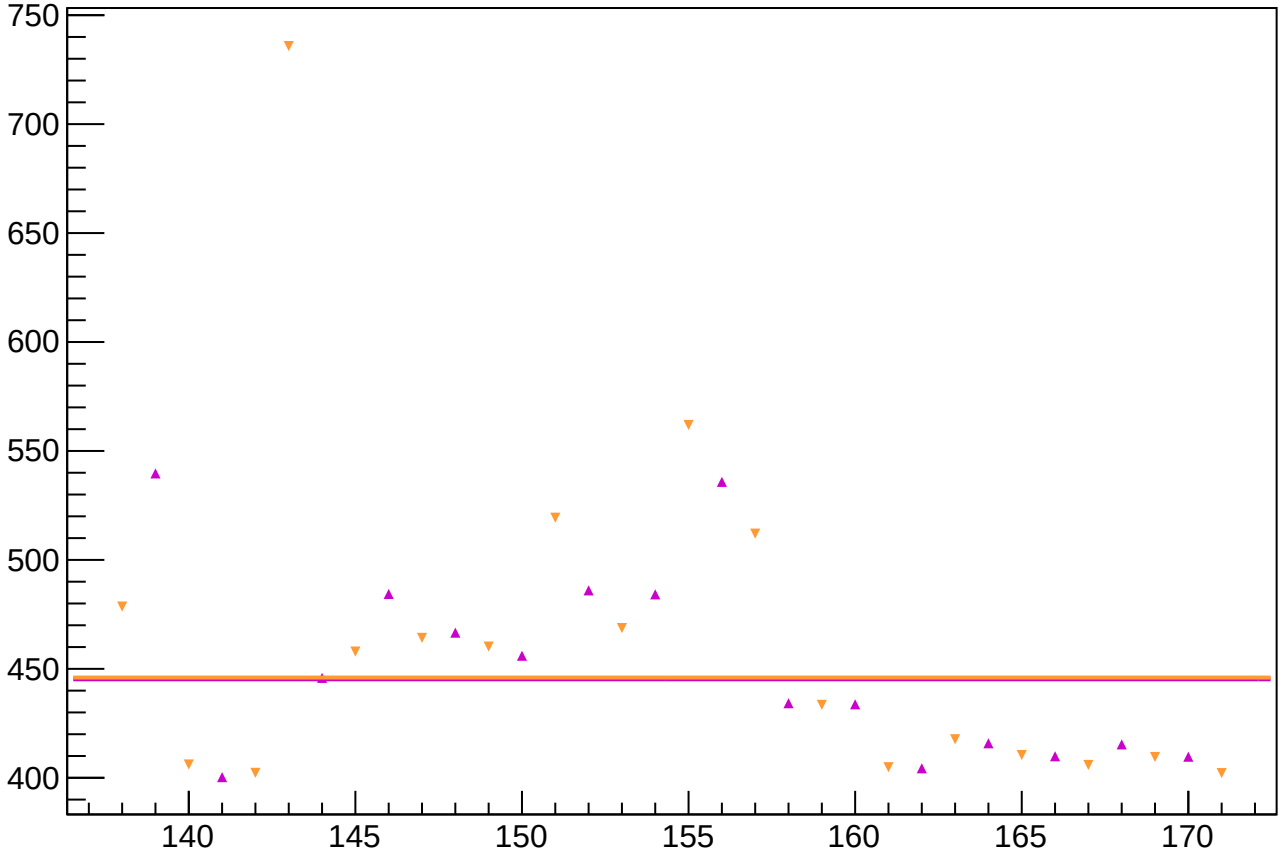
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 106.439+/-126.156 χ^2/NDF:14.5/15

Out: 496.458+/-122.861 χ^2/NDF:57.2/17

All: 306.608+/-88.017 χ^2/NDF: 76.5/33

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 446.007+/-0.087 χ^2/NDF:449210.4/17

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

Left In: 445.215+/-0.089 χ^2/NDF:204167.3/15

Left: 445.621+/-0.062 χ^2/NDF: 653418.1/33

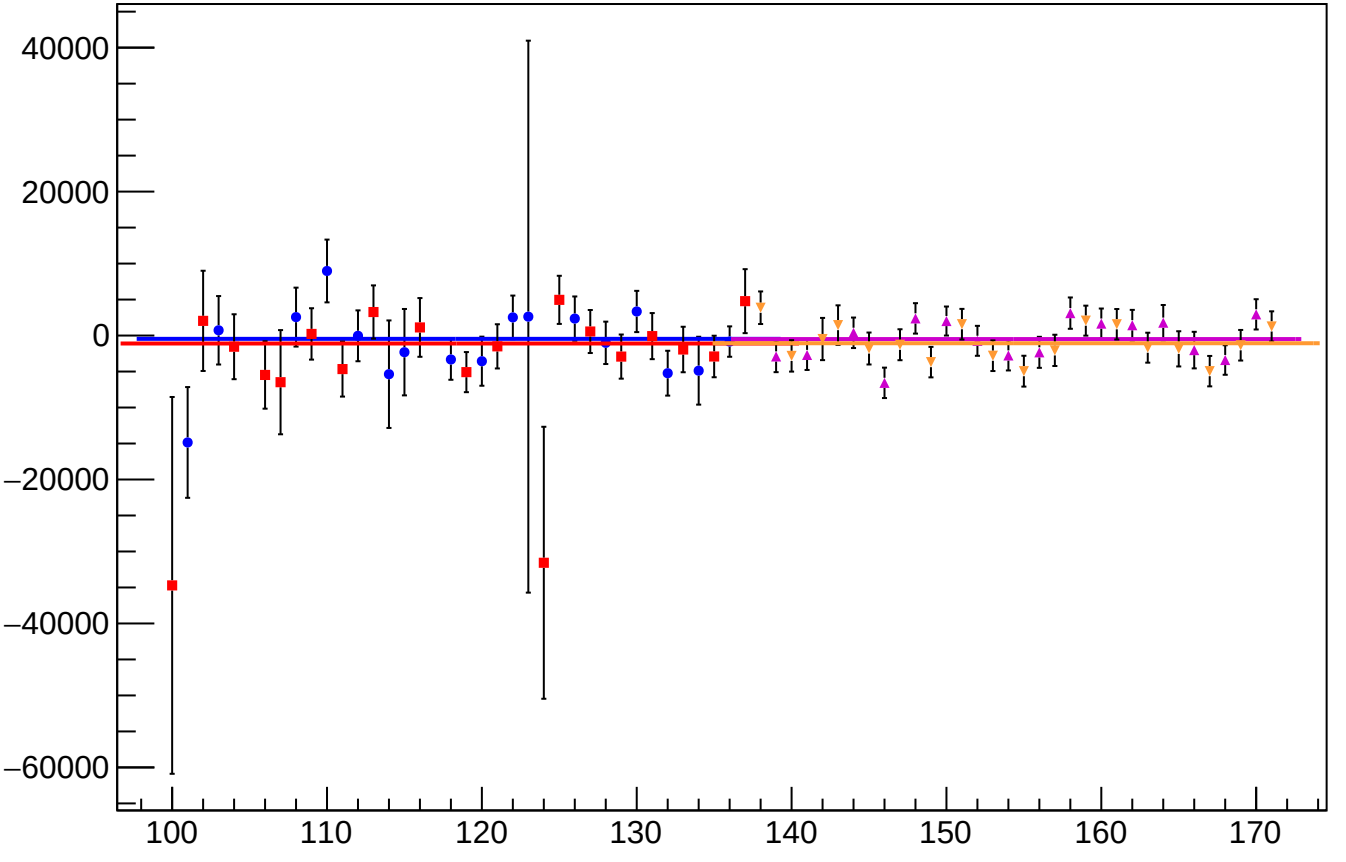
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 445.215+/-0.089 χ^2/NDF:204167.3/15

Out: 446.007+/-0.087 χ^2/NDF:449210.4/17

All: 445.621+/-0.062 χ^2/NDF: 653418.1/33

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1068.401+/-520.449 χ^2/NDF:22.3/17

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

Left In: -488.193+/-536.312 χ^2/NDF:26.6/15

Left: -787.005+/-373.495 χ^2/NDF: 49.5/33

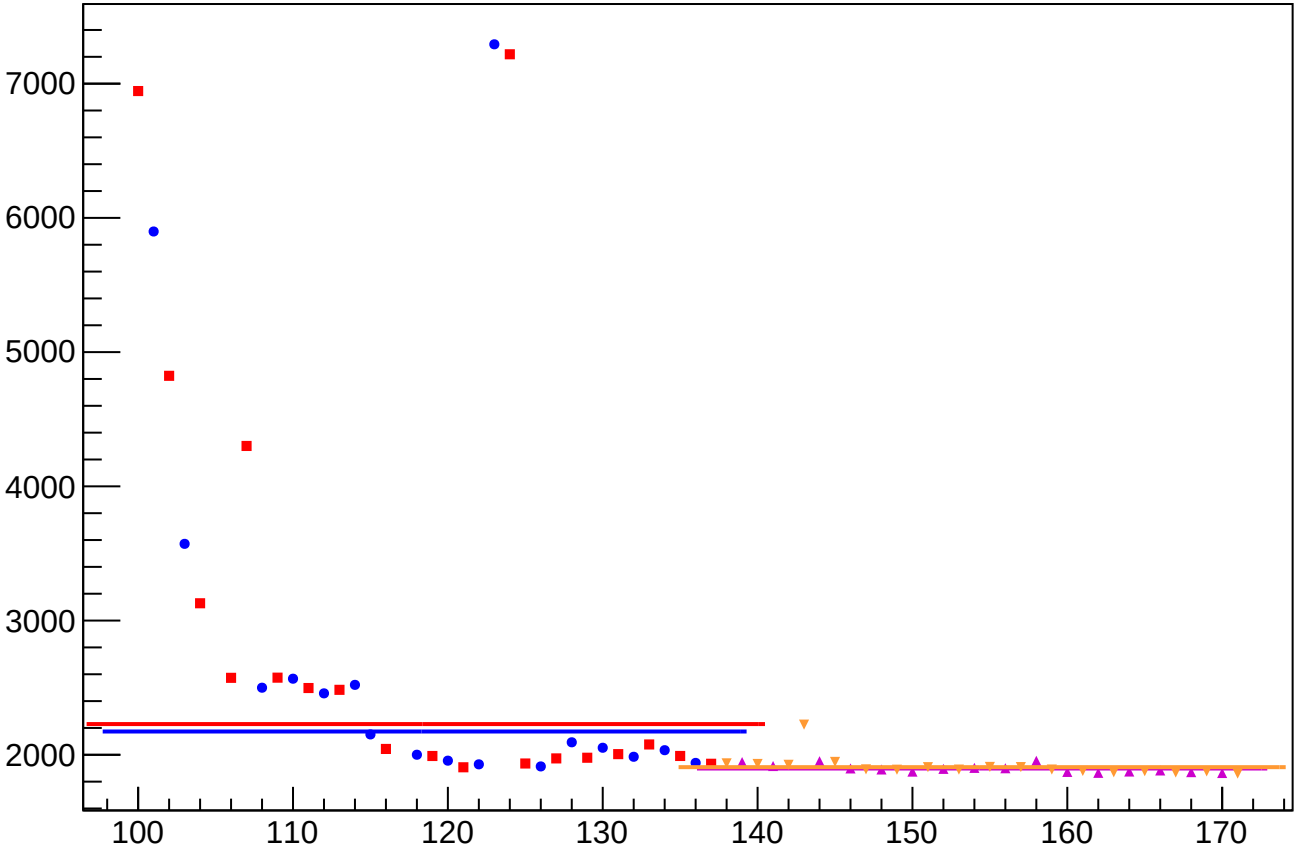
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -479.898+/-455.832 χ^2/NDF:44.7/32

Out: -1077.911+/-446.246 χ^2/NDF:39.2/36

All: -785.258+/-318.879 χ^2/NDF: 84.7/69

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1907.868+/-0.368 χ^2/NDF:31908.6/17

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

Left In: 1897.742+/-0.379 χ^2/NDF:5959.6/15

Left: 1902.957+/-0.264 χ^2/NDF: 38235.3/33

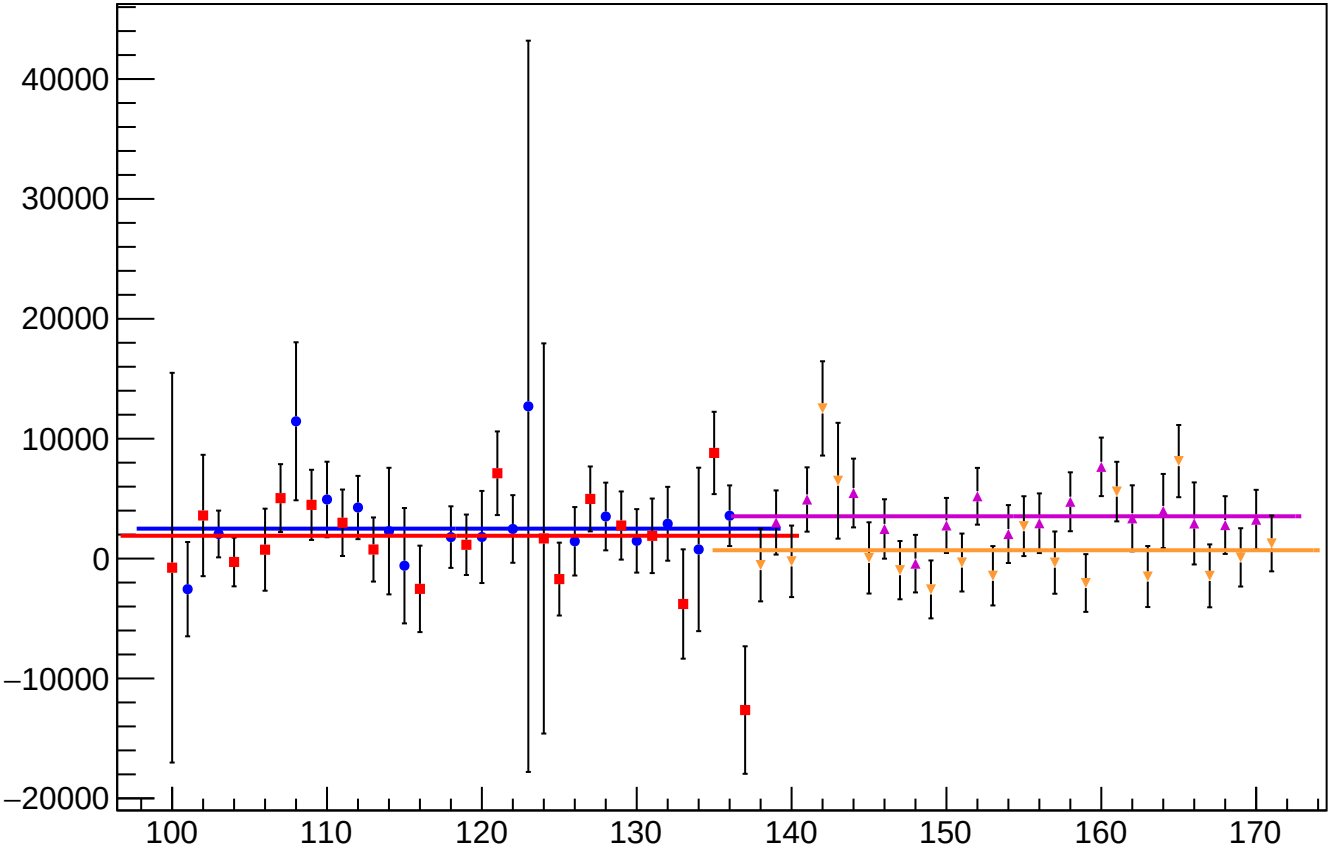
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 1974.302+/-0.322 χ^2/NDF:958134.2/32

Out: 1992.882+/-0.316 χ^2/NDF:1129284.9/36

All: 1983.789+/-0.225 χ^2/NDF: 2089116.0/69

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 696.185+/-629.335 χ^2/NDF:27.6/17

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

Left In: 3527.403+/-641.899 χ^2/NDF:8.0/15

Left: 2083.814+/-449.383 χ^2/NDF: 45.5/33

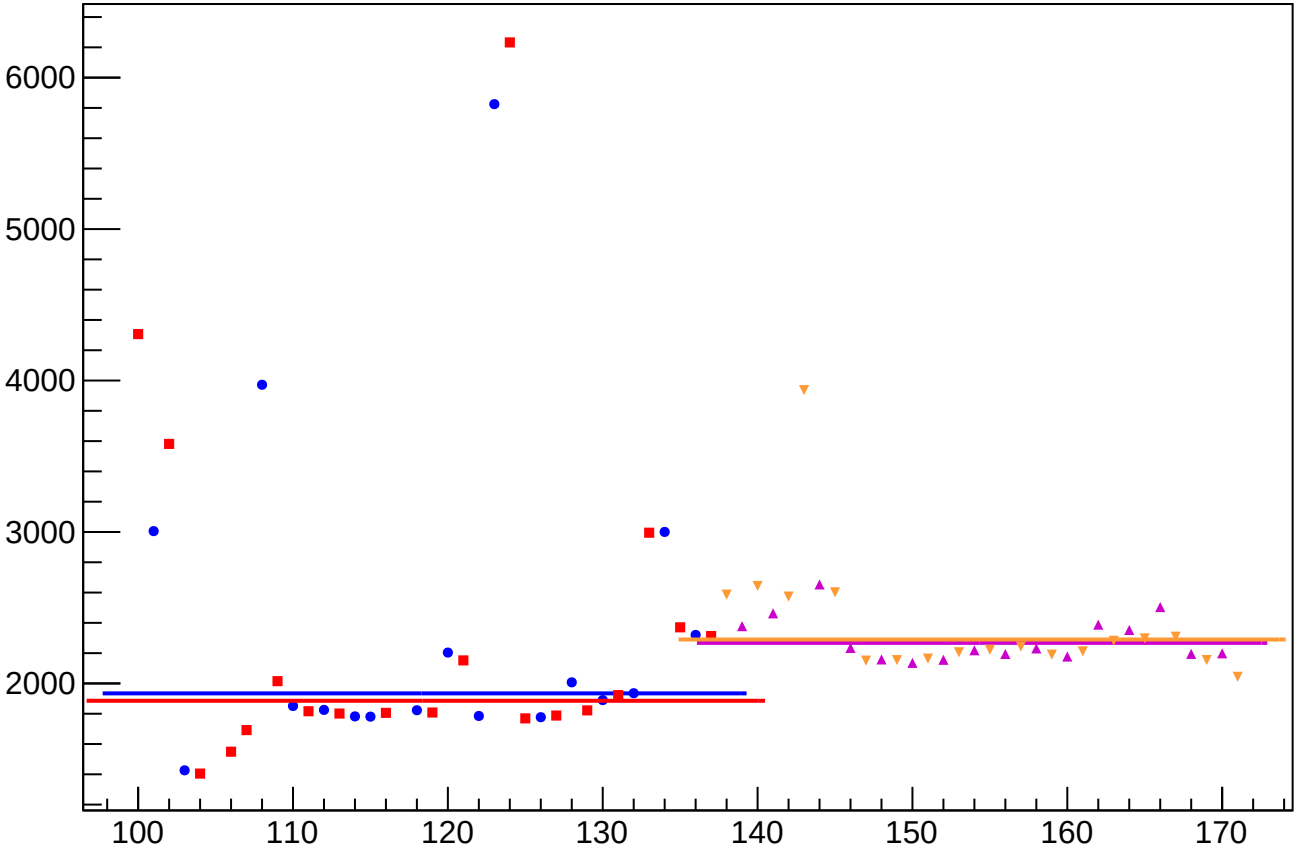
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 3103.660+/-492.599 χ^2/NDF:14.9/32

Out: 1205.237+/-478.533 χ^2/NDF:52.6/36

All: 2126.957+/-343.239 χ^2/NDF: 75.2/69

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2290.049+/-0.445 χ^2/NDF:369041.9/17

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

Left In: 2267.869+/-0.454 χ^2/NDF:89727.6/15

Left: 2279.178+/-0.318 χ^2/NDF: 459987.2/33

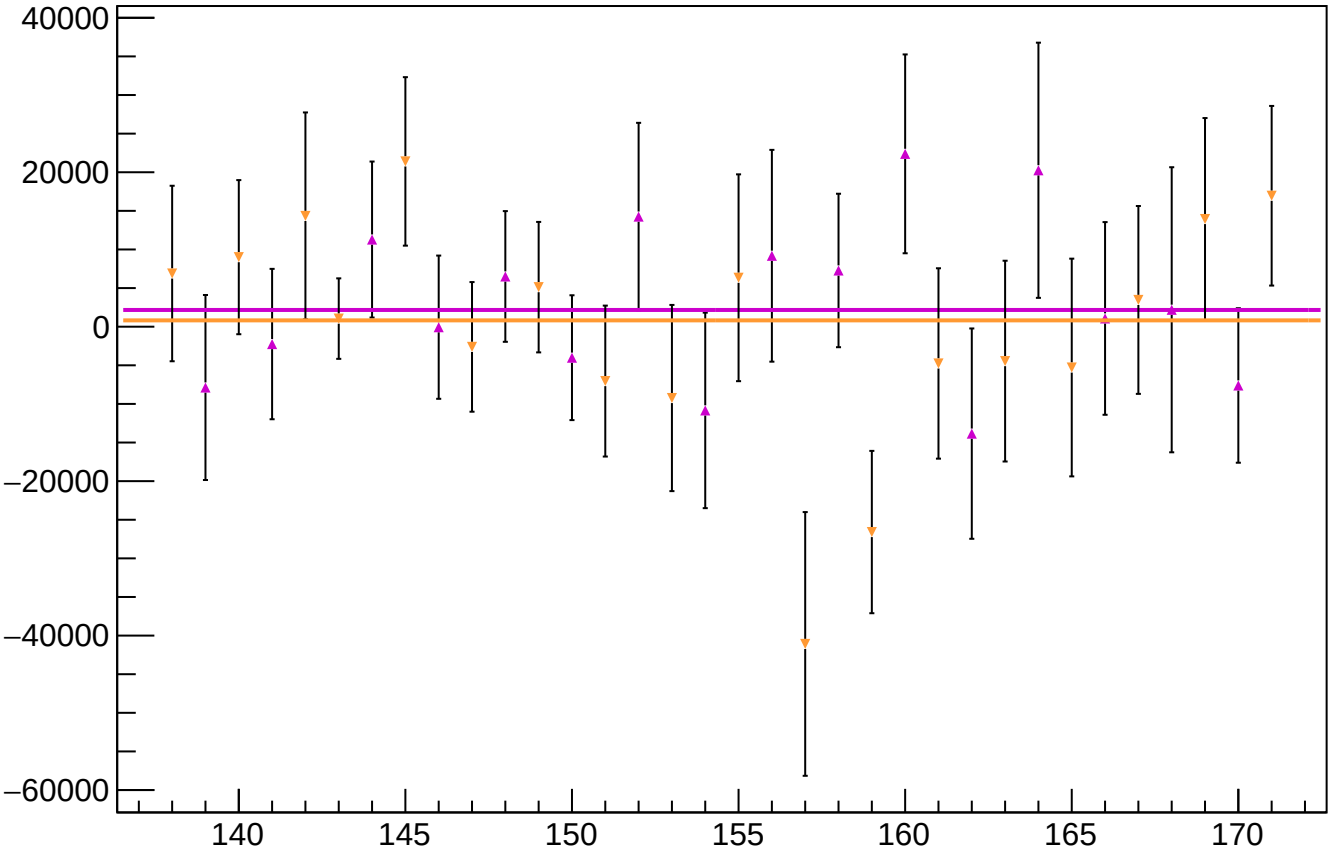
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2130.786+/-0.348 χ^2/NDF:950532.5/32

Out: 2119.384+/-0.338 χ^2/NDF:1469738.4/36

All: 2124.920+/-0.243 χ^2/NDF: 2420822.3/69

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 819.095+/-2427.398 χ^2/NDF:23.8/17

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

Left In: 2166.893+/-2761.498 χ^2/NDF:11.2/15

Left: 1406.571+/-1823.171 χ^2/NDF: 35.2/33

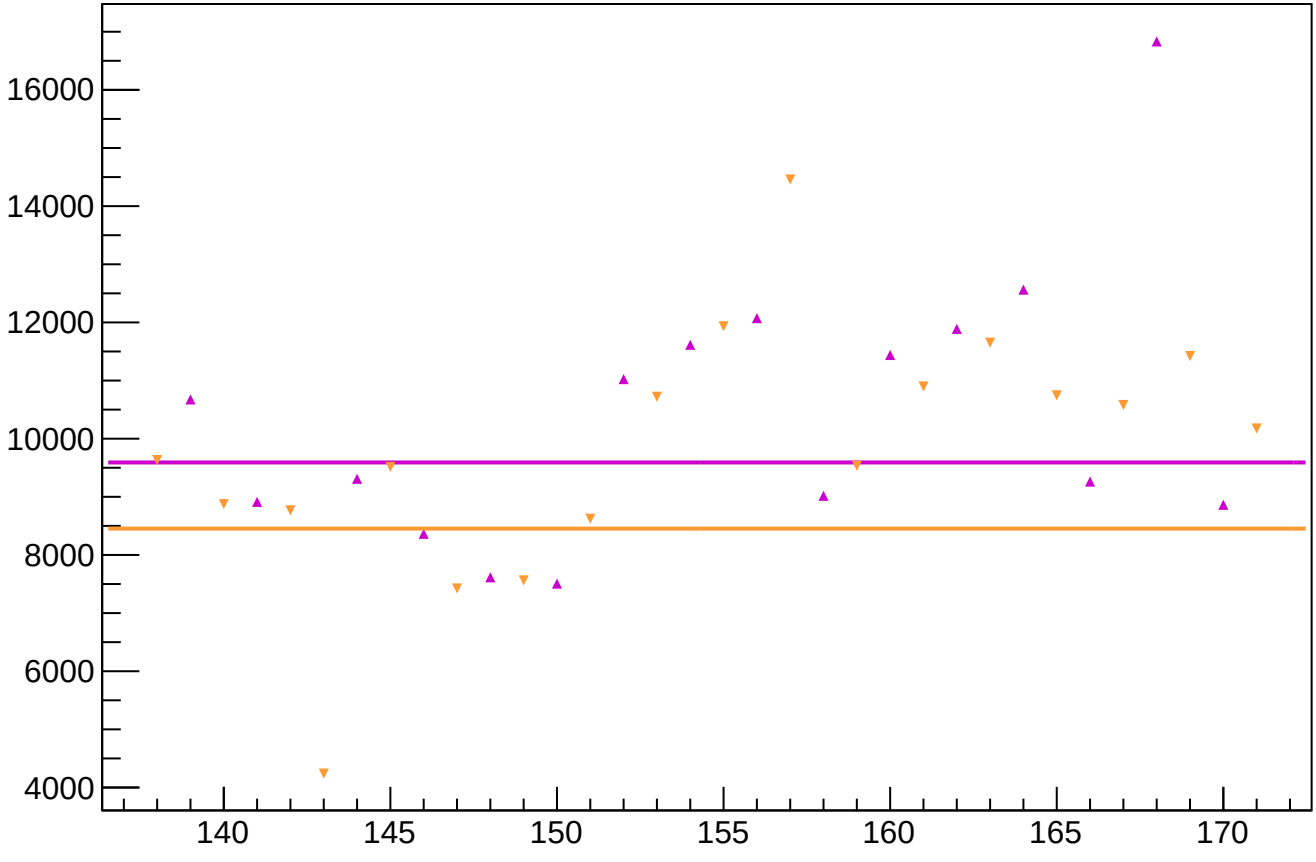
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2166.893+/-2761.498 χ^2/NDF:11.2/15

Out: 819.095+/-2427.398 χ^2/NDF:23.8/17

All: 1406.571+/-1823.171 χ^2/NDF: 35.2/33

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8453.393+/-1.716 χ^2/NDF:2340186.1/17

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

Left In: 9590.981+/-1.953 χ^2/NDF:938628.0/15

Left: 8949.243+/-1.289 χ^2/NDF: 3470276.3/33

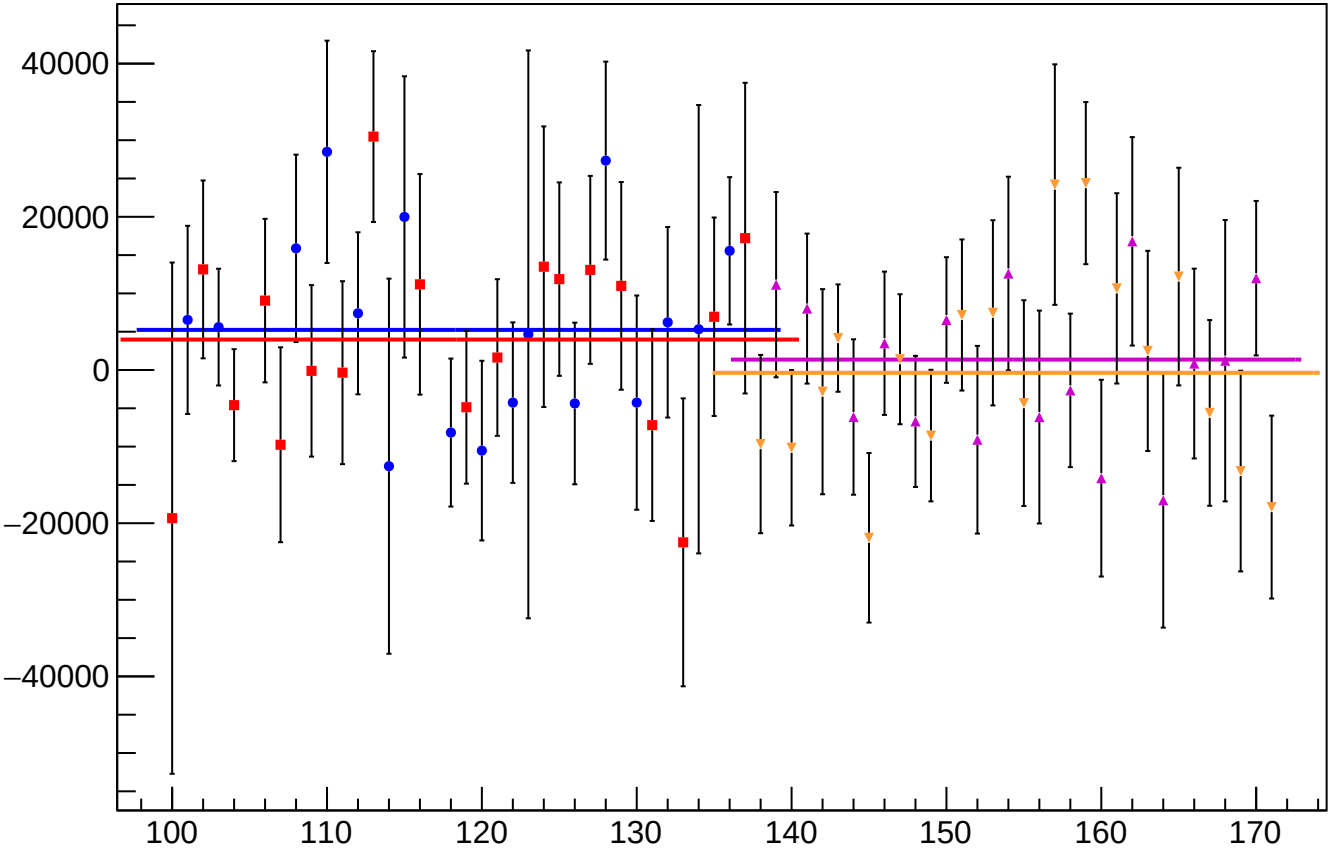
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9590.981+/-1.953 χ^2/NDF:938628.0/15

Out: 8453.393+/-1.716 χ^2/NDF:2340186.1/17

All: 8949.243+/-1.289 χ^2/NDF: 3470276.3/33

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -367.976+/-2571.282 χ^2/NDF:20.7/17

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

Left In: 1361.889+/-2780.041 χ^2/NDF:10.0/15

Left: 429.576+/-1887.663 χ^2/NDF: 30.9/33

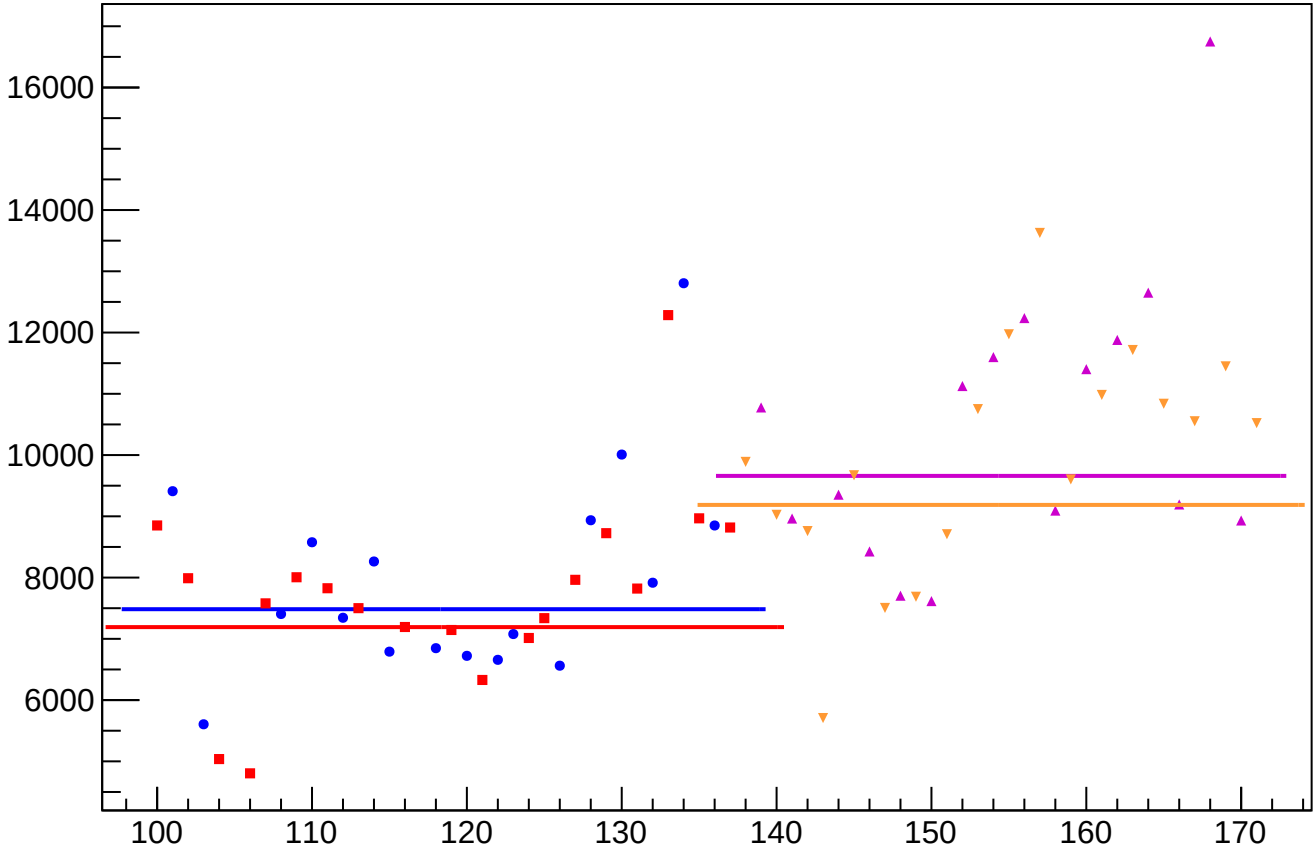
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 3187.850+/-2021.965 χ^2/NDF:25.4/32

Out: 1626.793+/-1890.903 χ^2/NDF:37.6/36

All: 2355.092+/-1381.081 χ^2/NDF: 63.4/69

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9186.304+/-1.818 χ^2/NDF:1187367.9/17

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

Left In: 9659.973+/-1.966 χ^2/NDF:909477.1/15

Left: 9404.688+/-1.335 χ^2/NDF: 2128136.5/33

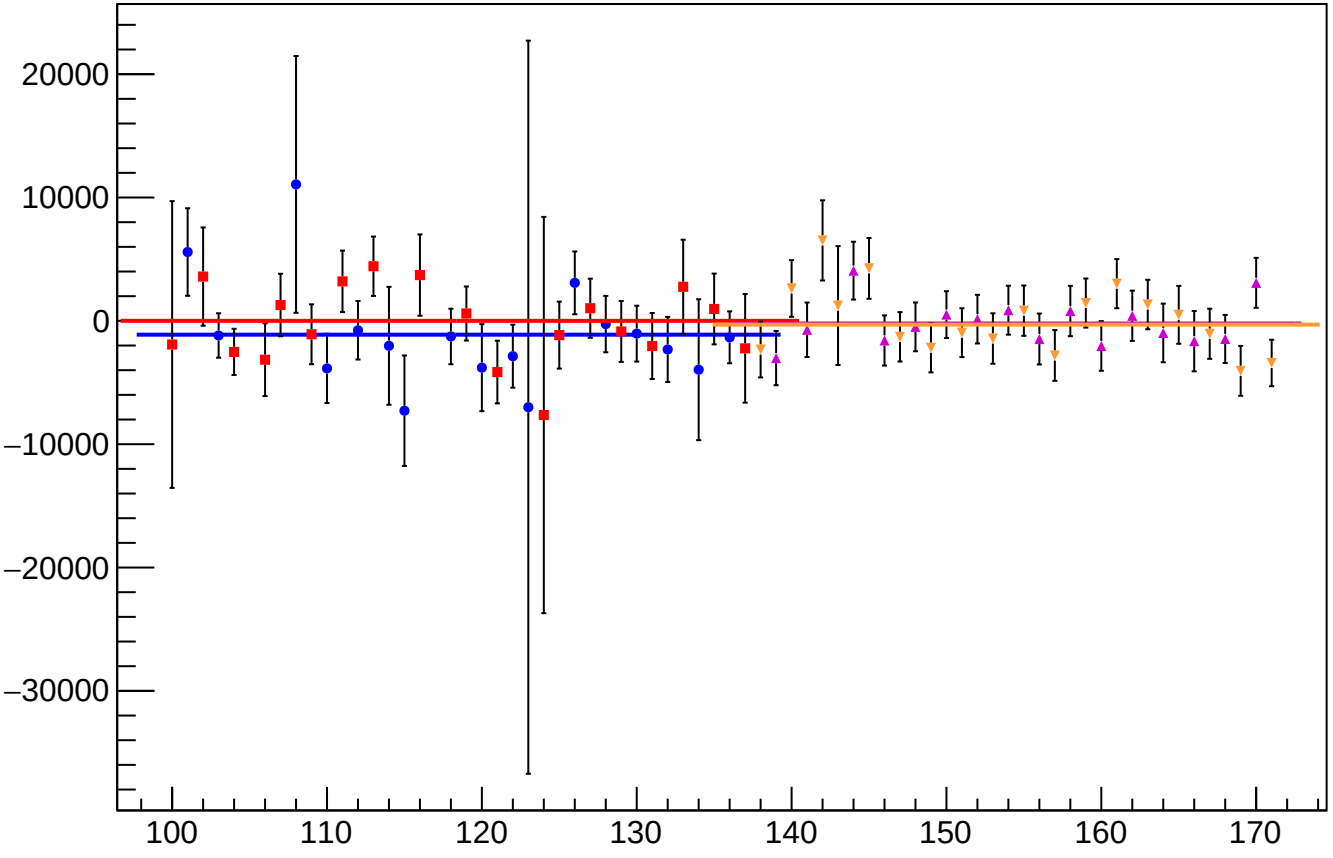
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 8634.932+/-1.430 χ^2/NDF:1918534.7/32

Out: 8270.147+/-1.337 χ^2/NDF:2298976.3/36

All: 8440.326+/-0.977 χ^2/NDF: 4252239.5/69

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -303.233+/-508.986 χ^2/NDF:24.3/17

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

Left In: -213.629+/-520.322 χ^2/NDF:11.0/15

Left: -259.417+/-363.849 χ^2/NDF: 35.3/33

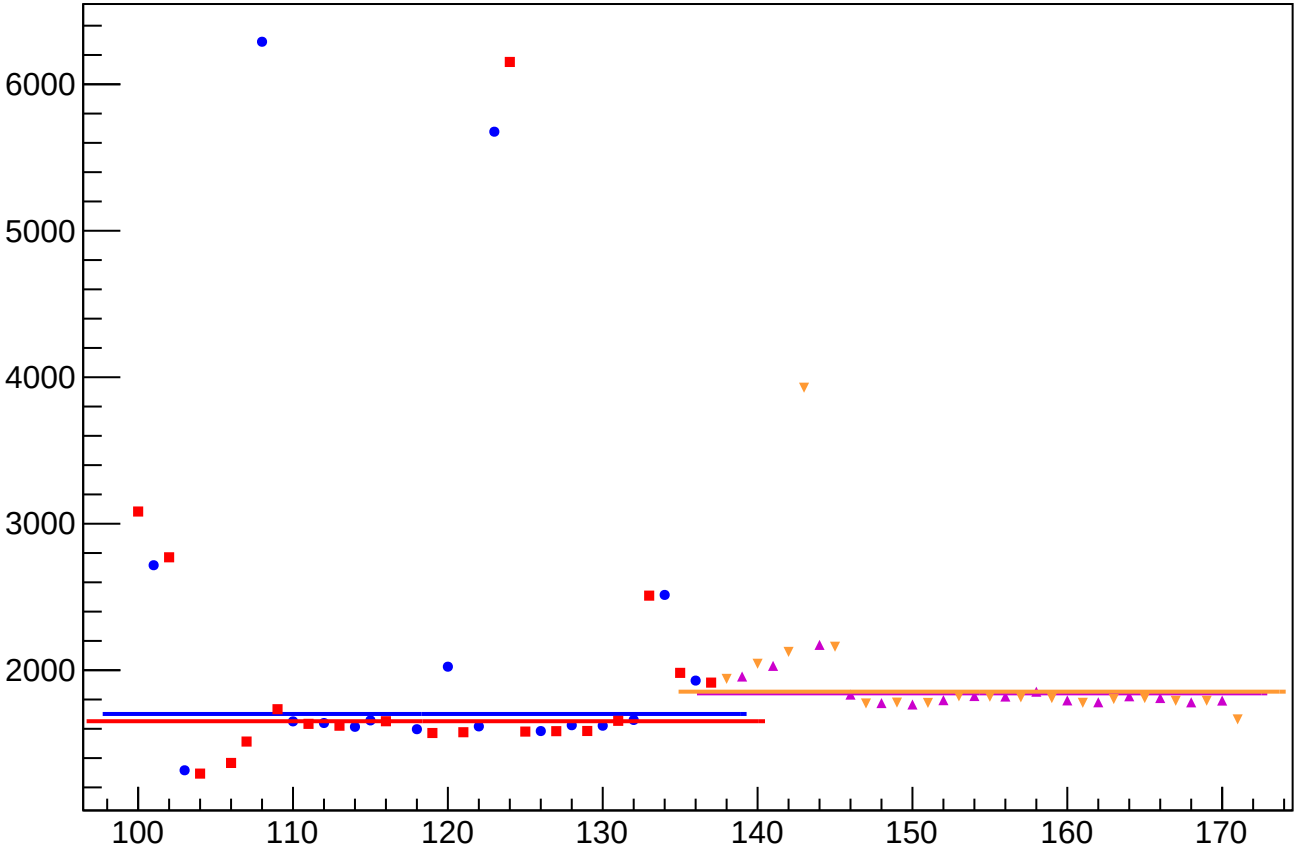
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -549.042+/-413.039 χ^2/NDF:24.4/32

Out: -184.701+/-398.287 χ^2/NDF:39.9/36

All: -360.249+/-286.705 χ^2/NDF: 64.7/69

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1853.532+/-0.360 χ^2/NDF:472821.2/17

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

Left In: 1841.957+/-0.368 χ^2/NDF:73334.0/15

Left: 1847.872+/-0.257 χ^2/NDF: 546661.0/33

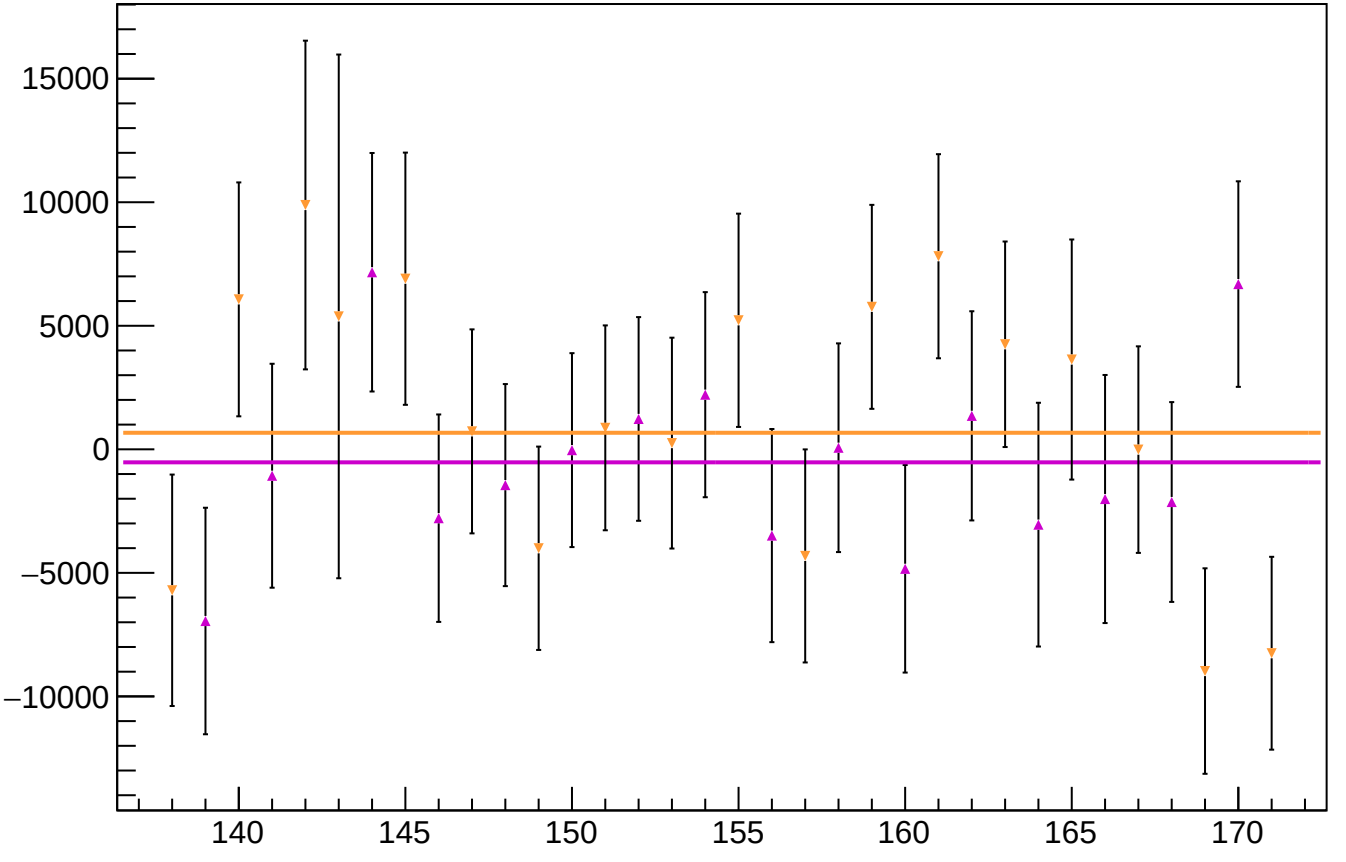
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1789.927+/-0.292 χ^2/NDF:906122.4/32

Out: 1775.300+/-0.282 χ^2/NDF:1183541.0/36

All: 1782.348+/-0.203 χ^2/NDF: 2090963.2/69

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 669.804+/-1056.071 χ^2/NDF:26.8/17

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

Left In: -526.886+/-1078.535 χ^2/NDF:10.7/15

Left: 84.052+/-754.572 χ^2/NDF: 38.2/33

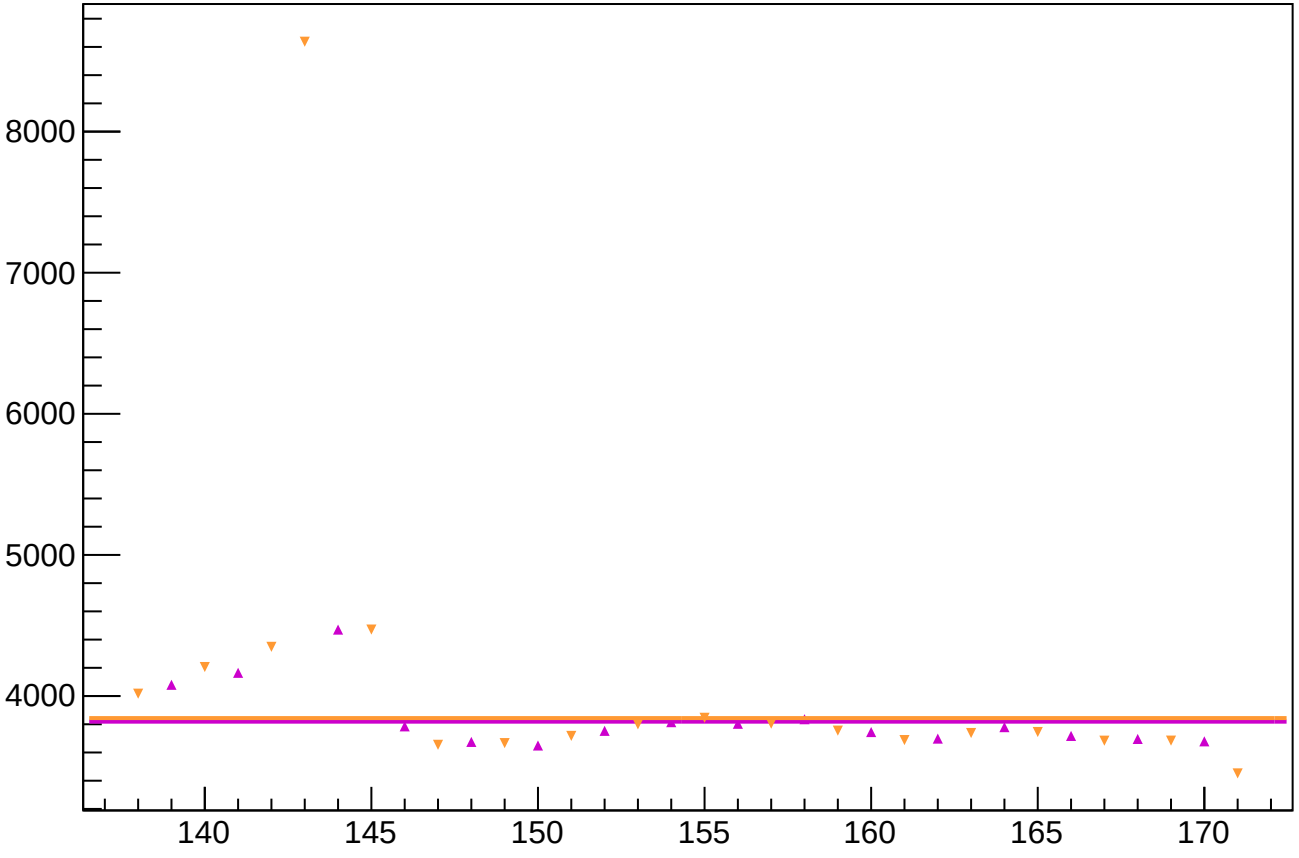
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -526.886+/-1078.535 χ^2/NDF:10.7/15

Out: 669.804+/-1056.071 χ^2/NDF:26.8/17

All: 84.052+/-754.572 χ^2/NDF: 38.2/33

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3843.767+/-0.747 χ^2/NDF:507364.7/17

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

Left In: 3818.469+/-0.763 χ^2/NDF:68811.4/15

Left: 3831.384+/-0.534 χ^2/NDF: 576737.8/33

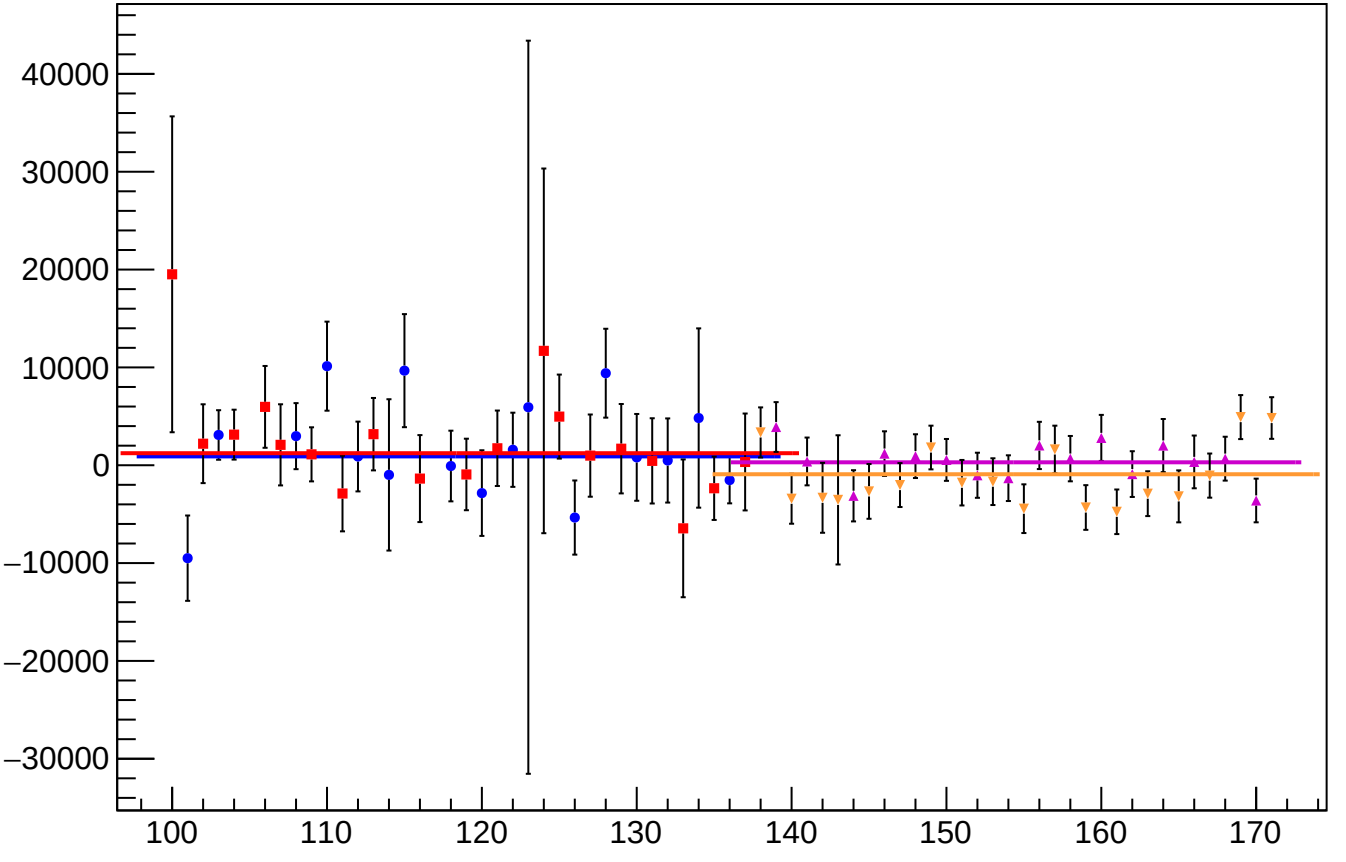
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3818.469+/-0.763 χ^2/NDF:68811.4/15

Out: 3843.767+/-0.747 χ^2/NDF:507364.7/17

All: 3831.384+/-0.534 χ^2/NDF: 576737.8/33

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -919.698+/-581.620 χ^2/NDF:30.4/17

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

Left In: 300.051+/-592.982 χ^2/NDF:10.2/15

Left: -321.621+/-415.226 χ^2/NDF: 42.7/33

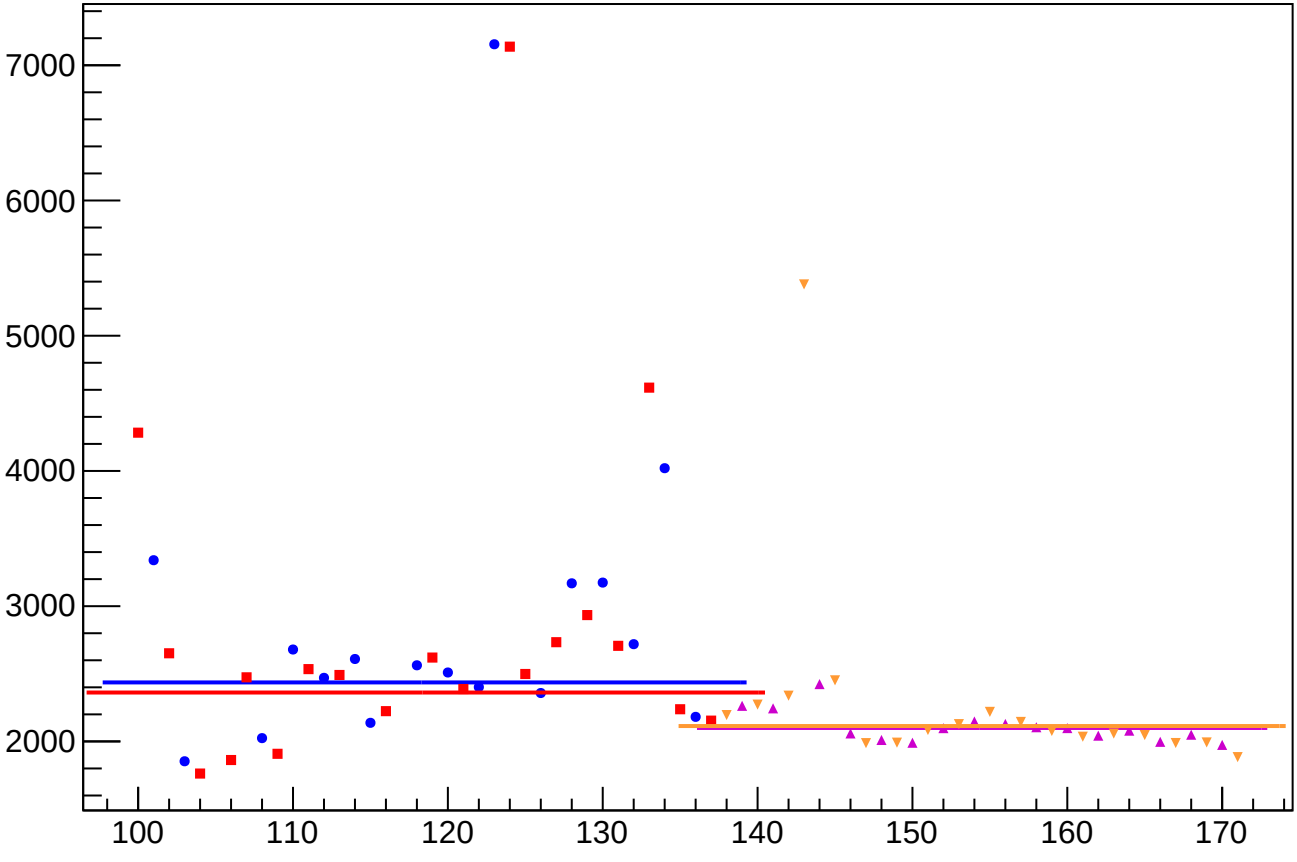
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 466.162+/-504.776 χ^2/NDF:32.1/32

Out: -310.342+/-492.380 χ^2/NDF:43.2/36

All: 68.258+/-352.466 χ^2/NDF: 76.4/69

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2113.677+/-0.411 χ^2/NDF:593268.7/17

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

Left In: 2099.497+/-0.419 χ^2/NDF:67670.9/15

Left: 2106.724+/-0.294 χ^2/NDF: 661522.5/33

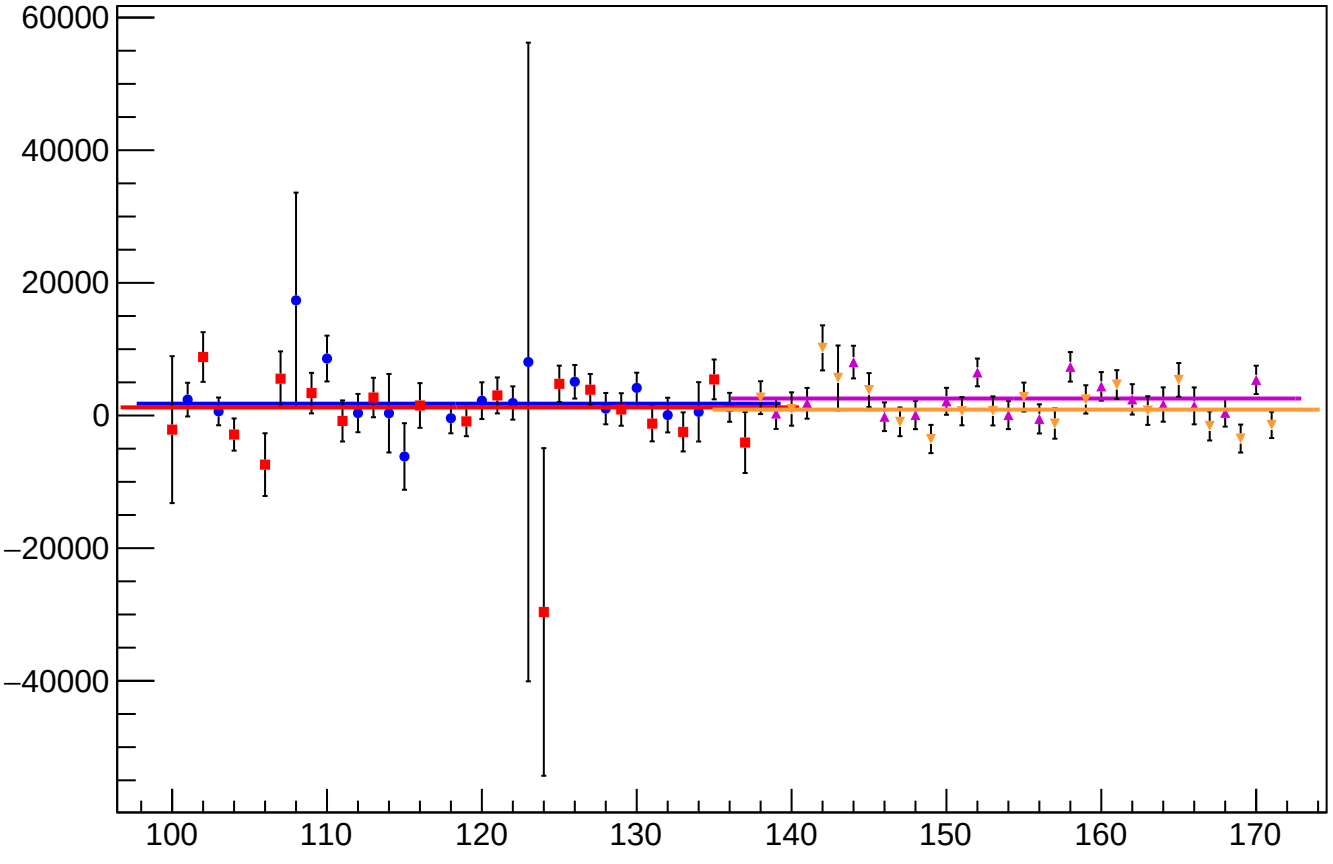
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2192.232+/-0.357 χ^2/NDF:713850.6/32

Out: 2183.909+/-0.348 χ^2/NDF:1352041.6/36

All: 2187.967+/-0.249 χ^2/NDF: 2066170.7/69

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 893.577+/-546.023 χ^2/NDF:30.5/17

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

Left In: 2563.281+/-558.477 χ^2/NDF:24.3/15

Left: 1709.604+/-390.425 χ^2/NDF: 59.4/33

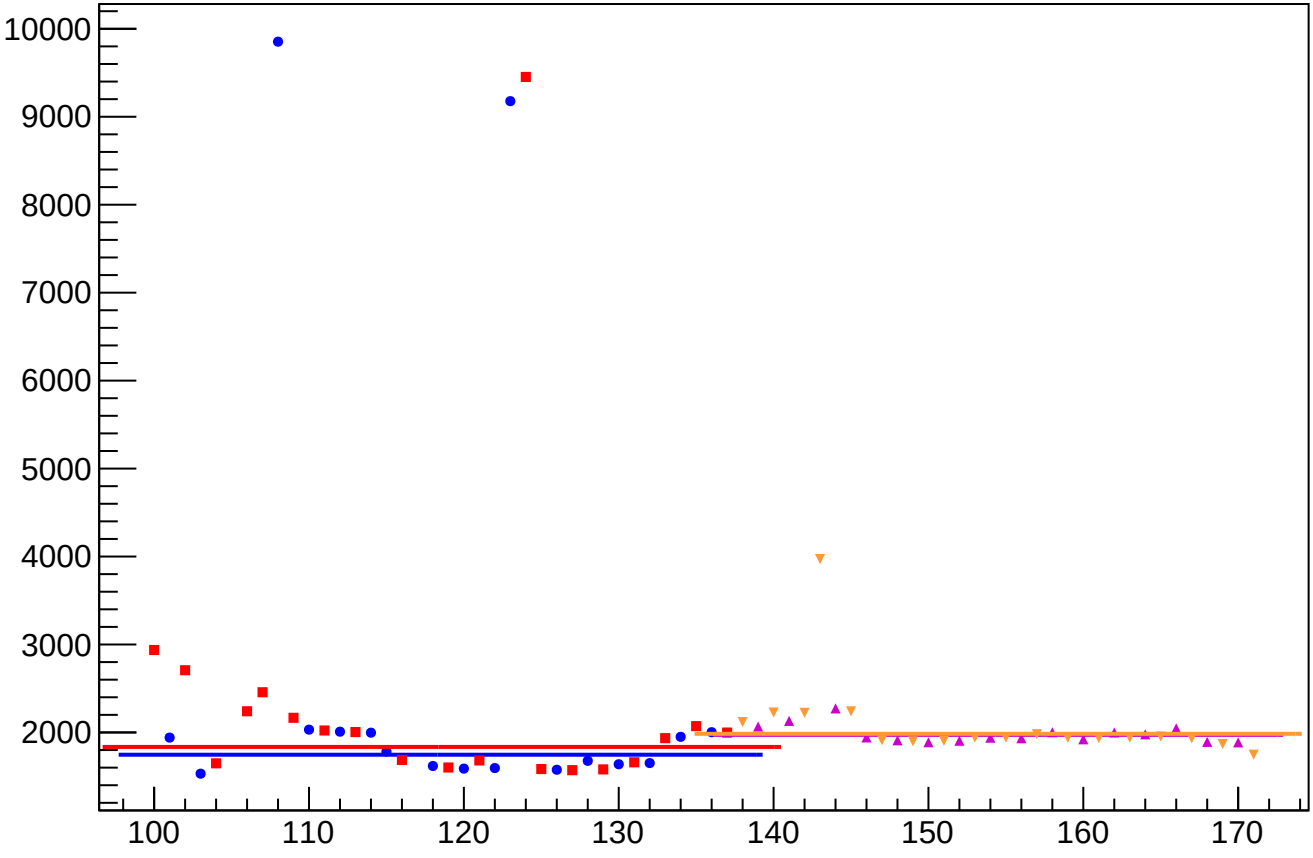
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 2257.007+/-435.193 χ^2/NDF:37.5/32

Out: 1018.751+/-432.408 χ^2/NDF:54.9/36

All: 1633.905+/-306.739 χ^2/NDF: 96.5/69

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1984.517+/-0.386 χ^2/NDF:433305.1/17

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

Left In: 1972.600+/-0.395 χ^2/NDF:60360.9/15

Left: 1978.693+/-0.276 χ^2/NDF: 494131.6/33

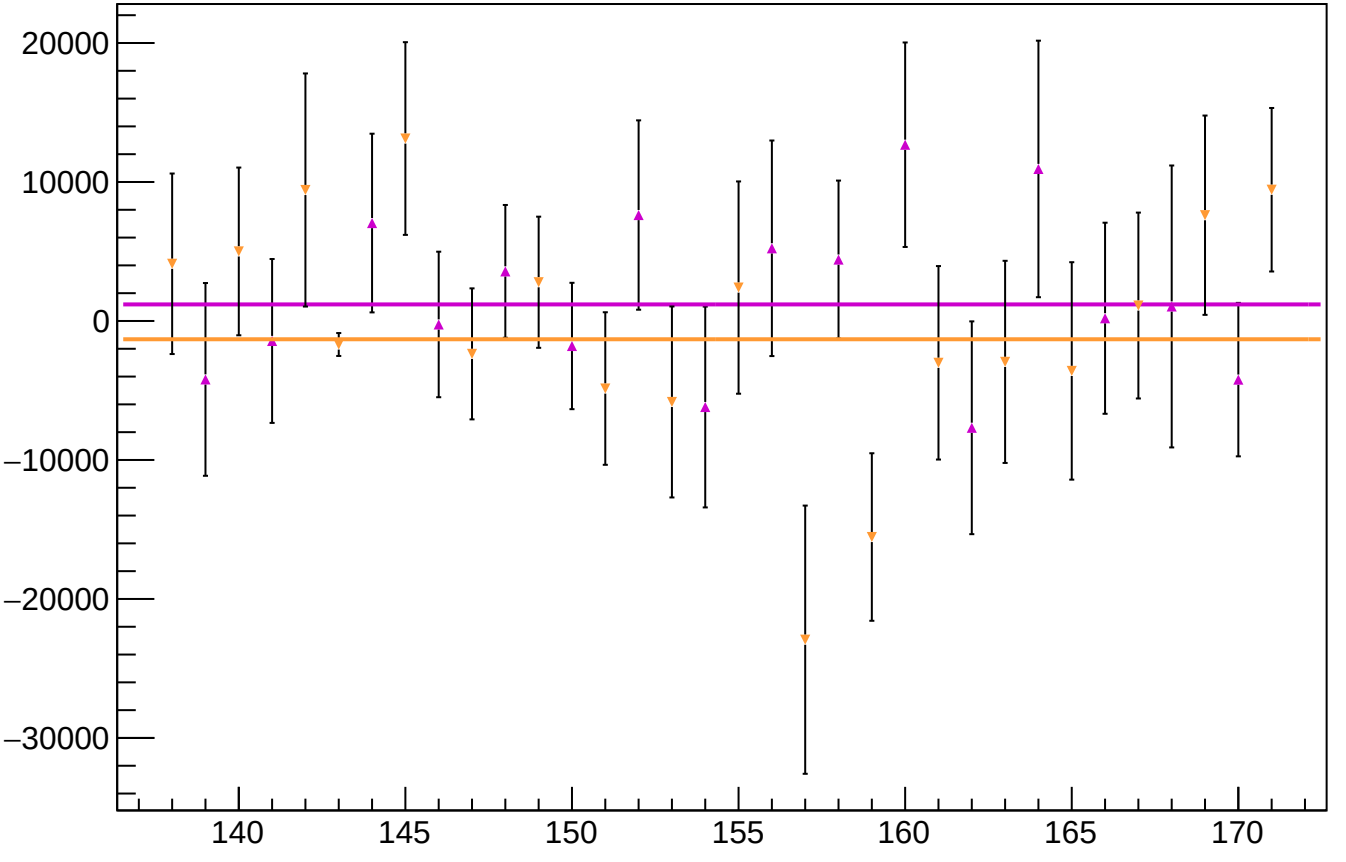
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1883.926+/-0.308 χ^2/NDF:871216.4/32

Out: 1928.839+/-0.306 χ^2/NDF:1039399.0/36

All: 1906.537+/-0.217 χ^2/NDF: 1921339.2/69

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1315.360+/-728.499 χ^2/NDF:25.7/17

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

Left In: 1191.999+/-1577.715 χ^2/NDF:10.8/15

Left: -874.721+/-661.396 χ^2/NDF: 38.6/33

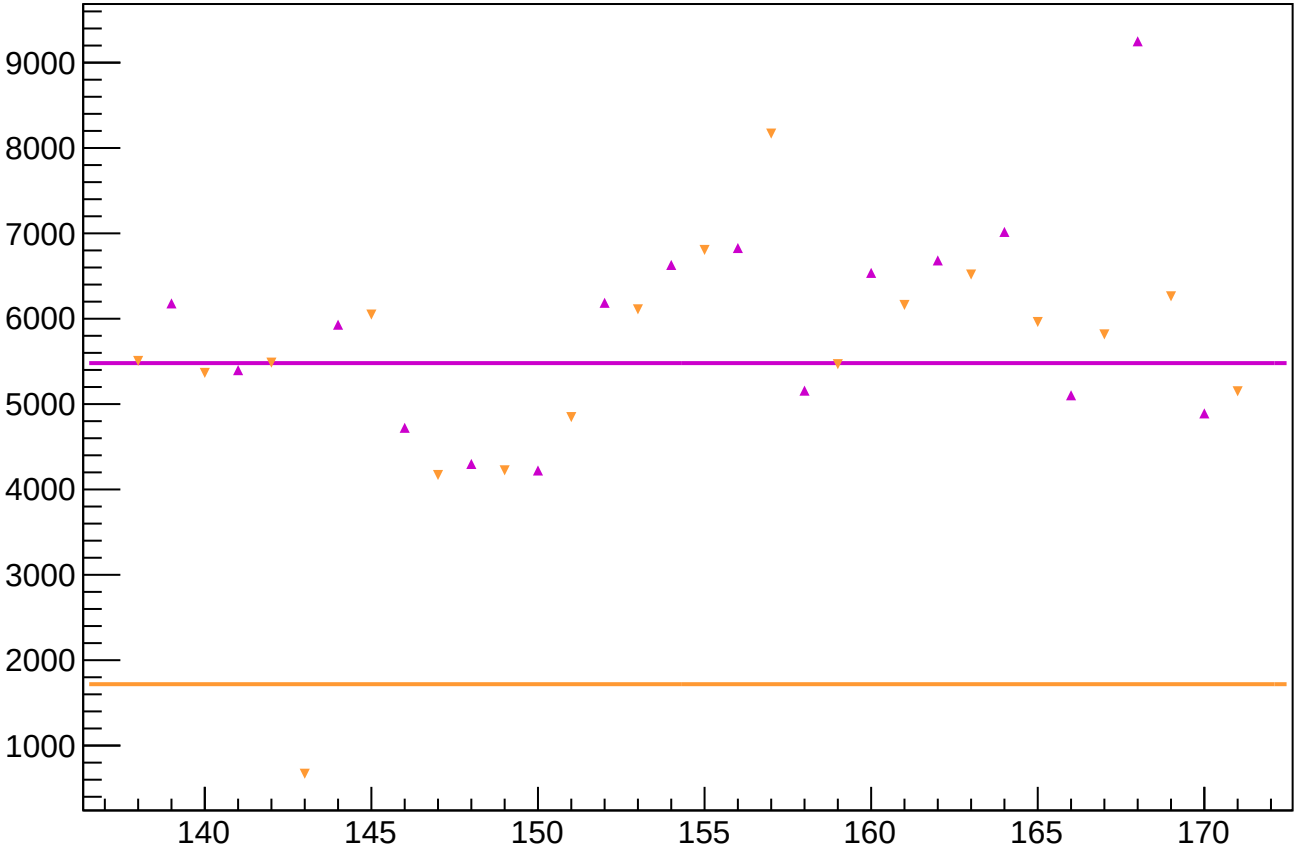
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1191.999+/-1577.715 χ^2/NDF:10.8/15

Out: -1315.360+/-728.499 χ^2/NDF:25.7/17

All: -874.721+/-661.396 χ^2/NDF: 38.6/33

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1718.885+/-0.515 χ^2/NDF:15468761.2/17

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

Left In: 5480.038+/-1.116 χ^2/NDF:938145.7/15

Left: 2379.863+/-0.468 χ^2/NDF: 25775619.8/33

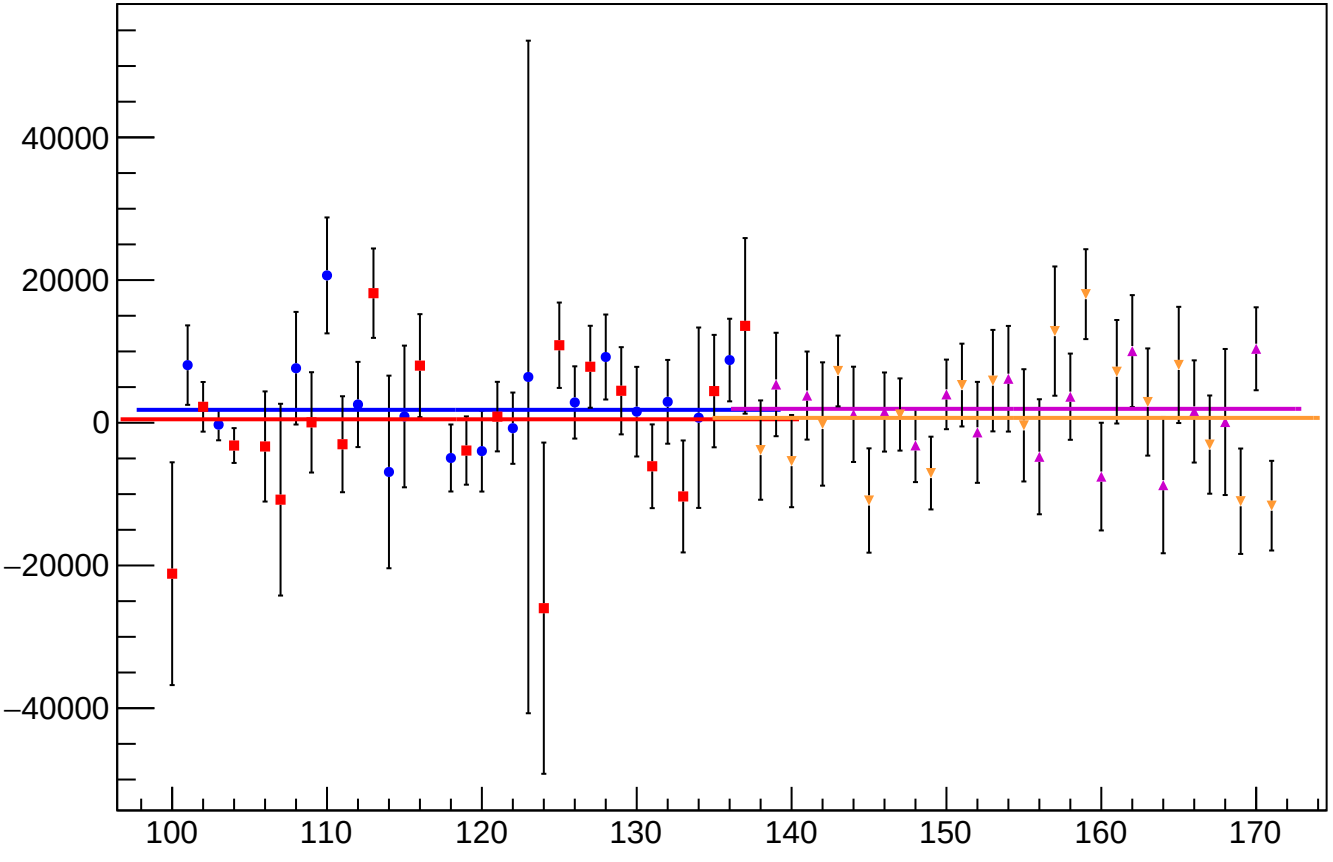
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5480.038+/-1.116 χ^2/NDF:938145.7/15

Out: 1718.885+/-0.515 χ^2/NDF:15468761.2/17

All: 2379.863+/-0.468 χ^2/NDF: 25775619.8/3

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 684.773+/-1553.310 χ^2/NDF:26.8/17

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

Left In: 1954.074+/-1656.472 χ^2/NDF:8.8/15

Left: 1278.670+/-1133.072 χ^2/NDF: 36.0/33

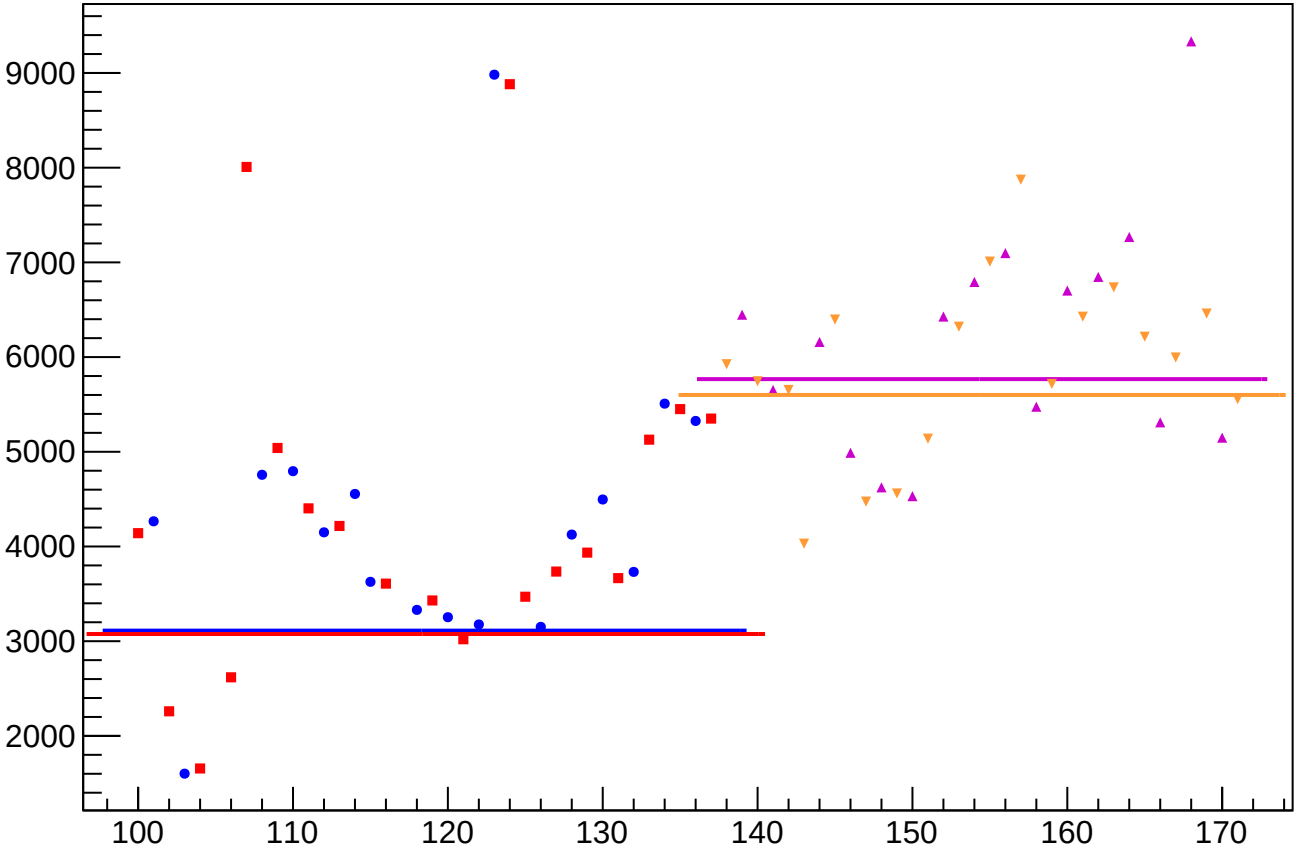
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 1867.622+/-1023.306 χ^2/NDF:23.9/32

Out: 568.242+/-990.603 χ^2/NDF:53.3/36

All: 1196.838+/-711.743 χ^2/NDF: 78.0/69

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5600.080+/-1.098 χ^2/NDF:752706.3/17

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

Left In: 5767.374+/-1.171 χ^2/NDF:798168.6/15

Left: 5678.356+/-0.801 χ^2/NDF: 1561729.7/33

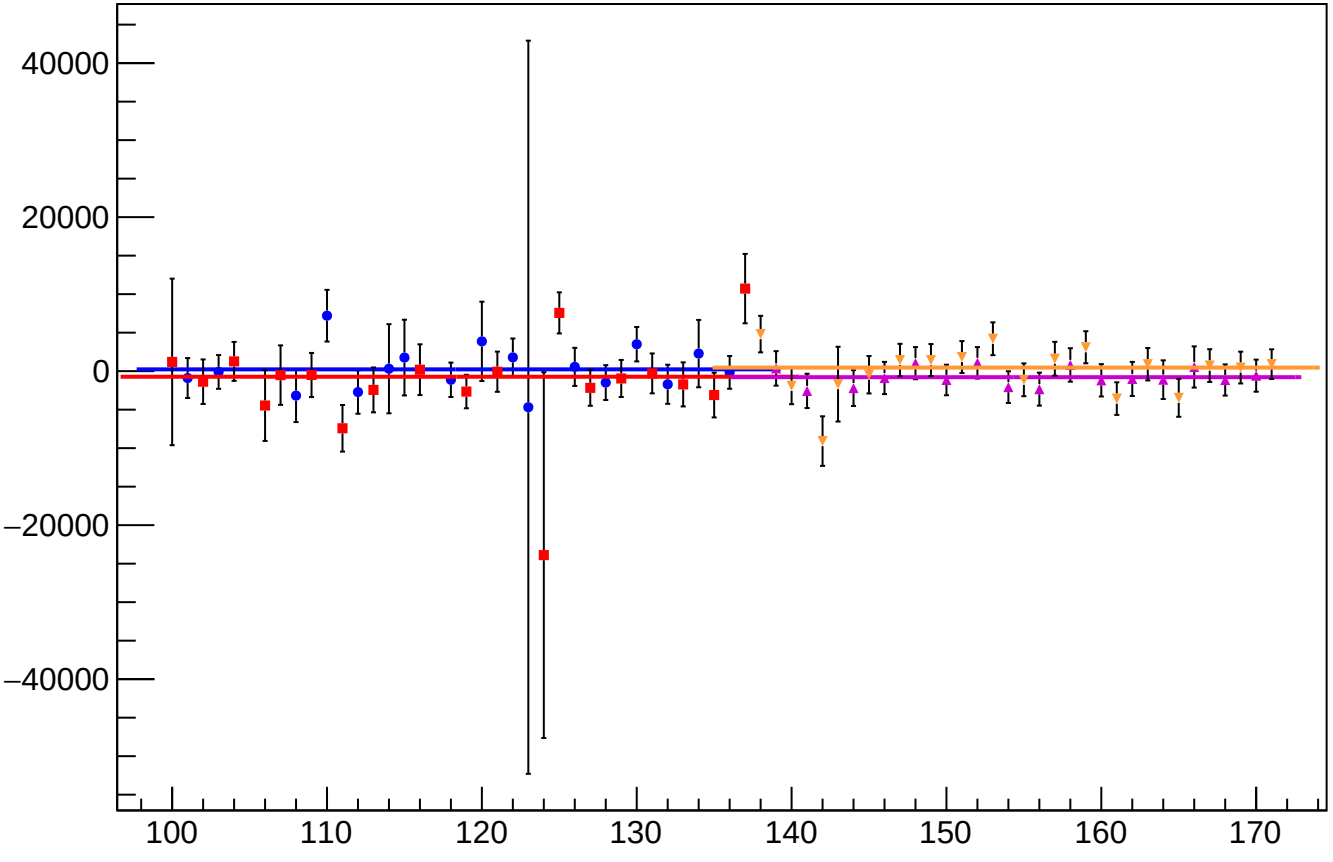
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 4125.093+/-0.724 χ^2/NDF:5856281.7/32

Out: 4084.735+/-0.694 χ^2/NDF:5933019.6/36

All: 4104.083+/-0.501 χ^2/NDF: 11790920.7/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 463.394+/-529.374 χ^2/NDF:26.2/17

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

Left In: -783.509+/-541.731 χ^2/NDF:4.7/15

Left: -145.675+/-378.617 χ^2/NDF: 33.6/33

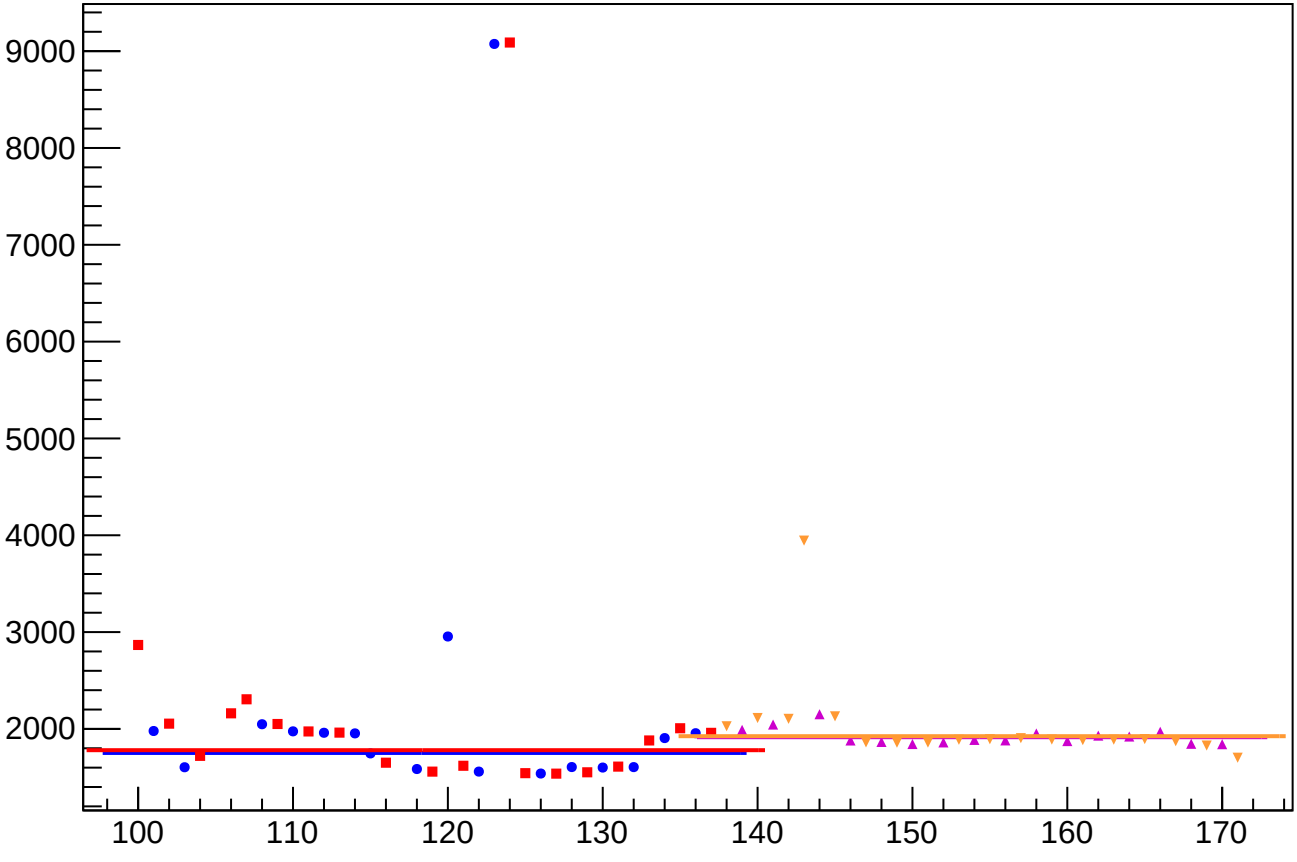
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -393.887+/-425.336 χ^2/NDF:17.6/32

Out: 17.924+/-418.681 χ^2/NDF:53.8/36

All: -184.734+/-298.377 χ^2/NDF: 71.9/69

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1924.791+/-0.374 χ^2/NDF:424148.8/17

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

Left In: 1914.429+/-0.383 χ^2/NDF:43339.4/15

Left: 1919.729+/-0.268 χ^2/NDF: 467862.5/33

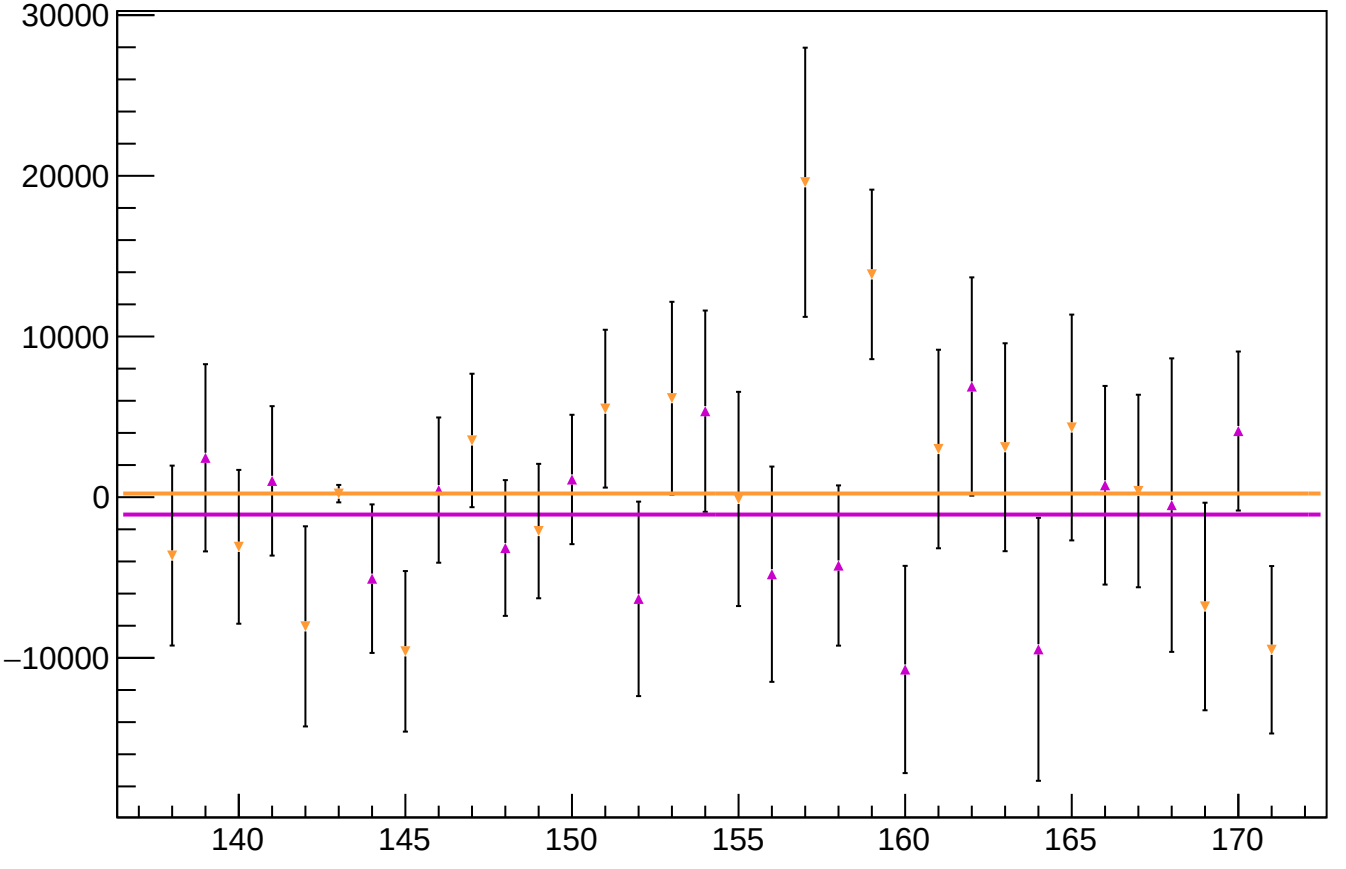
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1852.072+/-0.301 χ^2/NDF:413327.1/32

Out: 1870.540+/-0.296 χ^2/NDF:908455.5/36

All: 1861.457+/-0.211 χ^2/NDF: 1323698.8/69

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 228.516+/-503.155 χ^2/NDF:27.1/17

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

Left In: -1080.928+/-1355.635 χ^2/NDF:10.3/15

Left: 69.970+/-471.712 χ^2/NDF: 38.3/33

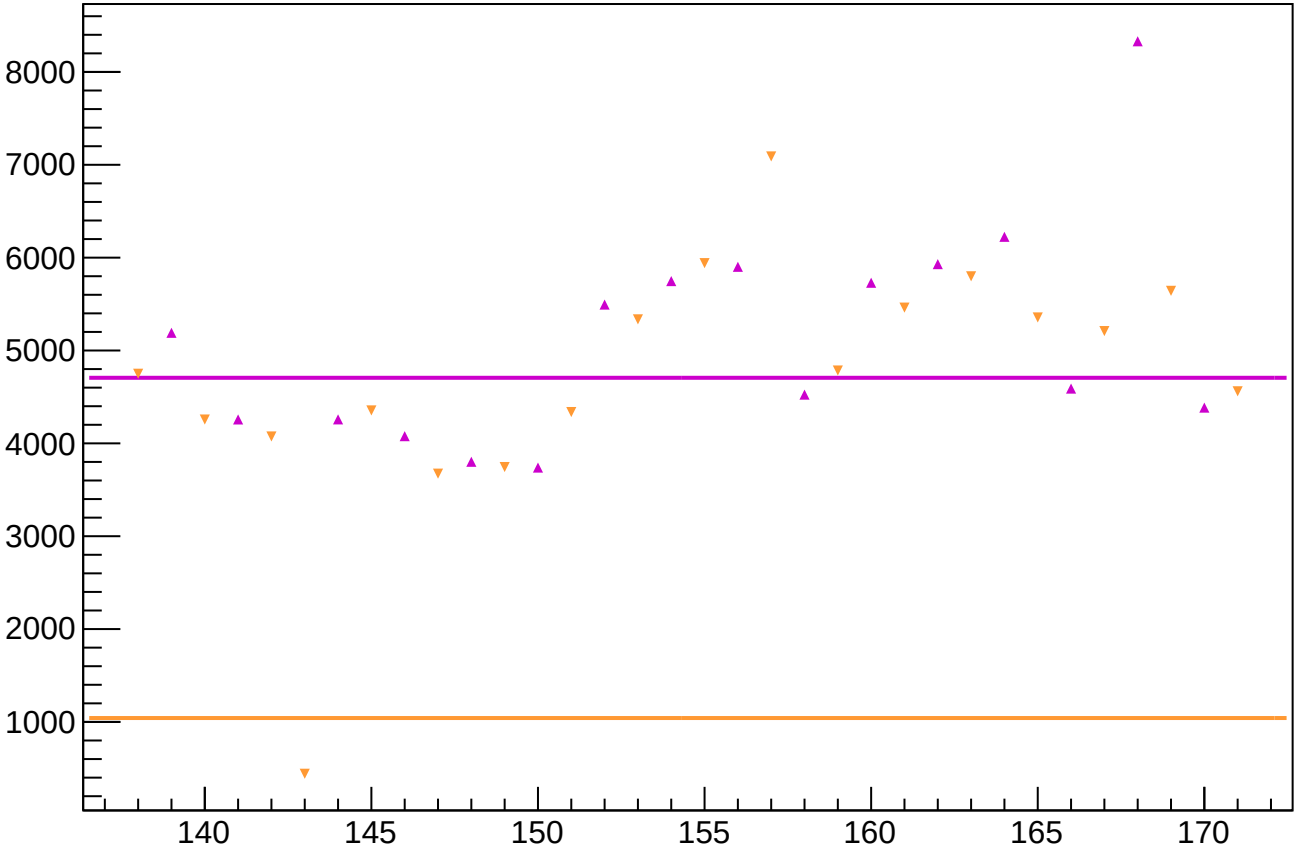
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1080.928+/-1355.635 χ^2/NDF:10.3/15

Out: 228.516+/-503.155 χ^2/NDF:27.1/17

All: 69.970+/-471.712 χ^2/NDF: 38.3/33

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1041.925+/-0.356 χ^2/NDF:18023222.1/17

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

Left In: 4706.184+/-0.959 χ^2/NDF:960733.8/15

Left: 1485.588+/-0.334 χ^2/NDF: 31826958.3/33

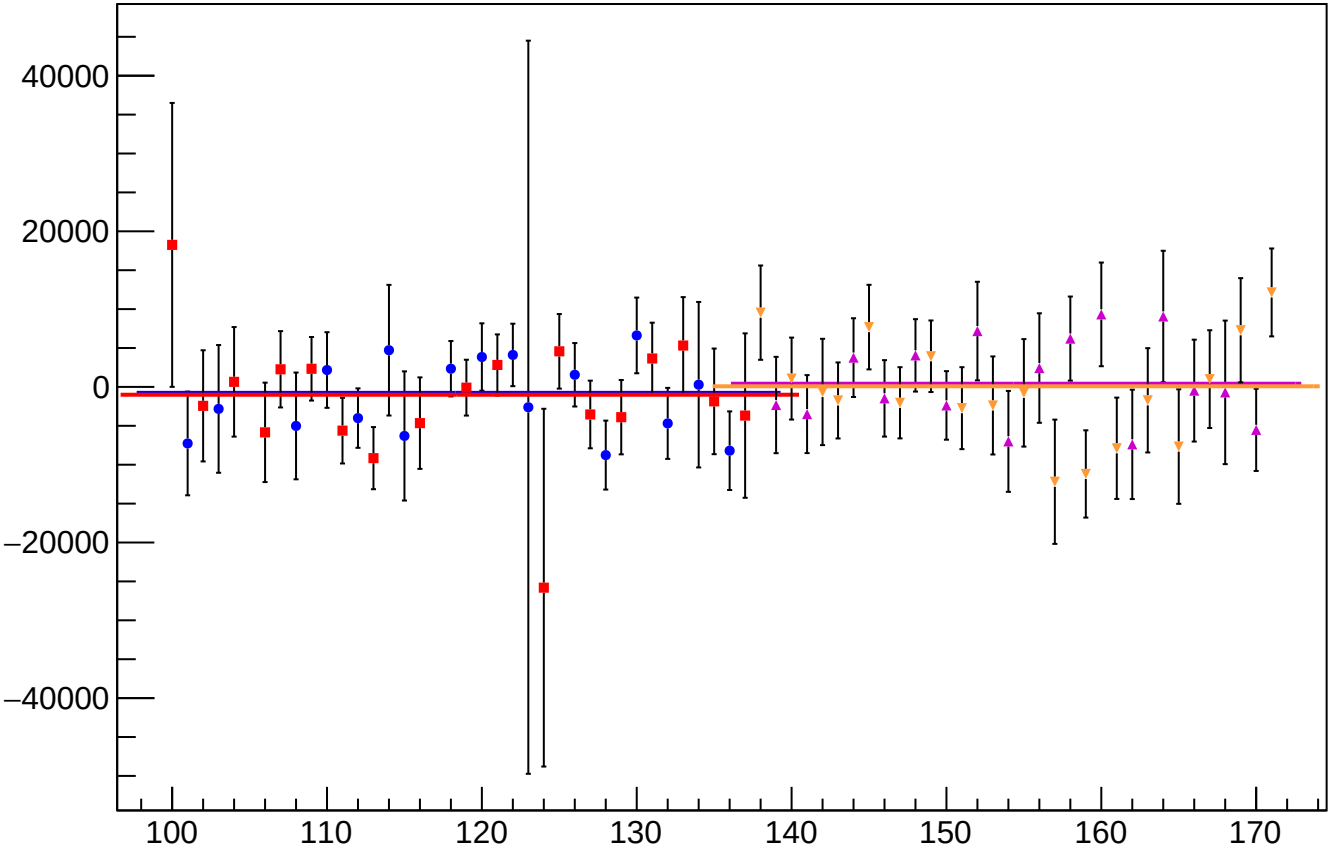
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4706.184+/-0.959 χ^2/NDF:960733.8/15

Out: 1041.925+/-0.356 χ^2/NDF:18023222.1/17

All: 1485.588+/-0.334 χ^2/NDF: 31826958.3/3

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 79.189+/-1375.763 χ^2/NDF:20.8/17

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

Left In: 409.923+/-1451.251 χ^2/NDF:11.4/15

Left: 235.731+/-998.432 χ^2/NDF: 32.2/33

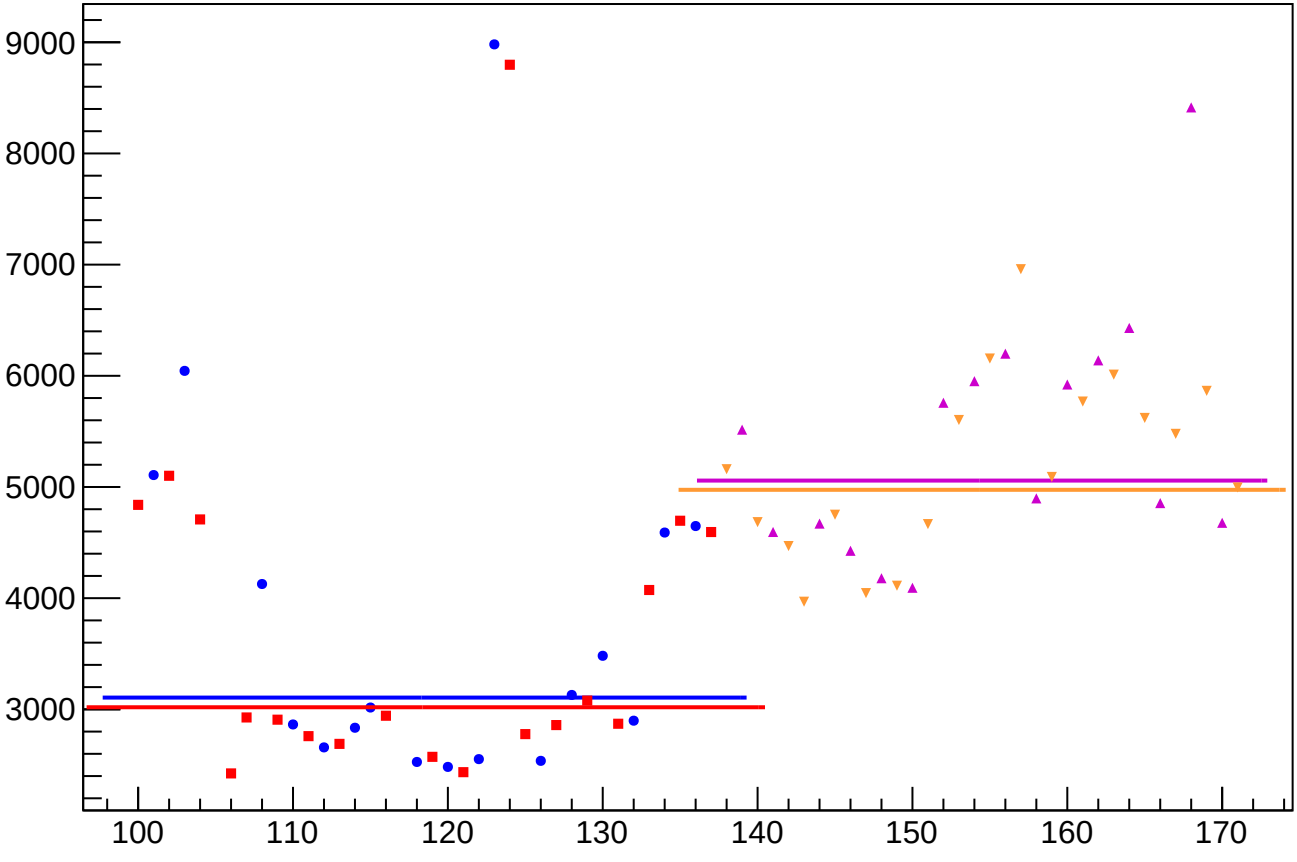
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -265.708+/-946.111 χ^2/NDF:27.3/32

Out: -540.375+/-900.506 χ^2/NDF:36.1/36

All: -409.821+/-652.280 χ^2/NDF: 63.5/69

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4974.578+/-0.973 χ^2/NDF:610593.7/17

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

Left In: 5057.680+/-1.026 χ^2/NDF:767308.4/15

Left: 5013.912+/-0.706 χ^2/NDF: 1381356.1/33

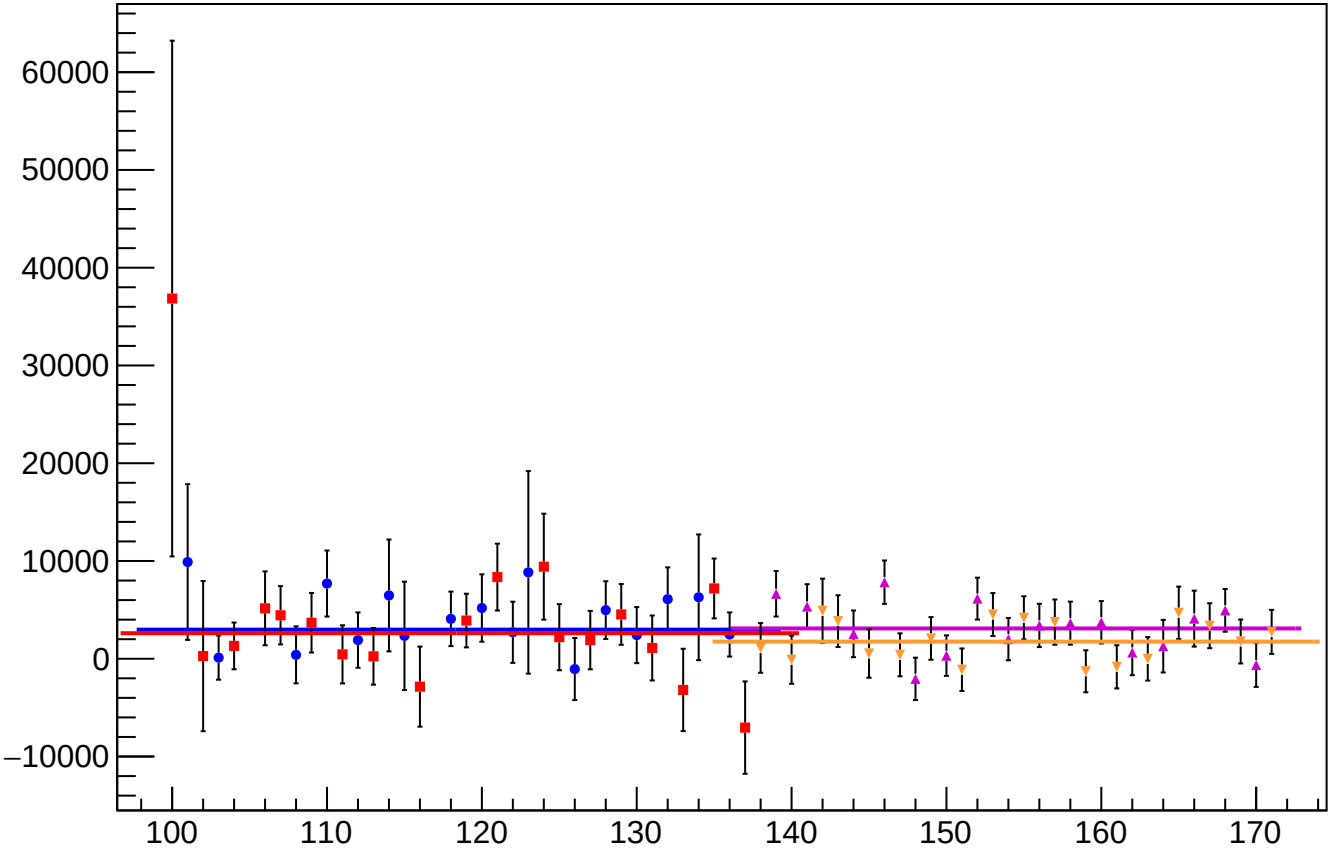
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3935.391+/-0.669 χ^2/NDF:3807269.7/32

Out: 3844.733+/-0.632 χ^2/NDF:3739861.6/36

All: 3887.499+/-0.459 χ^2/NDF: 7556832.5/69

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1751.770+/-550.916 χ^2/NDF:14.0/17

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

Left In: 3100.454+/-567.102 χ^2/NDF:23.0/15

Left: 2406.590+/-395.155 χ^2/NDF: 39.9/33

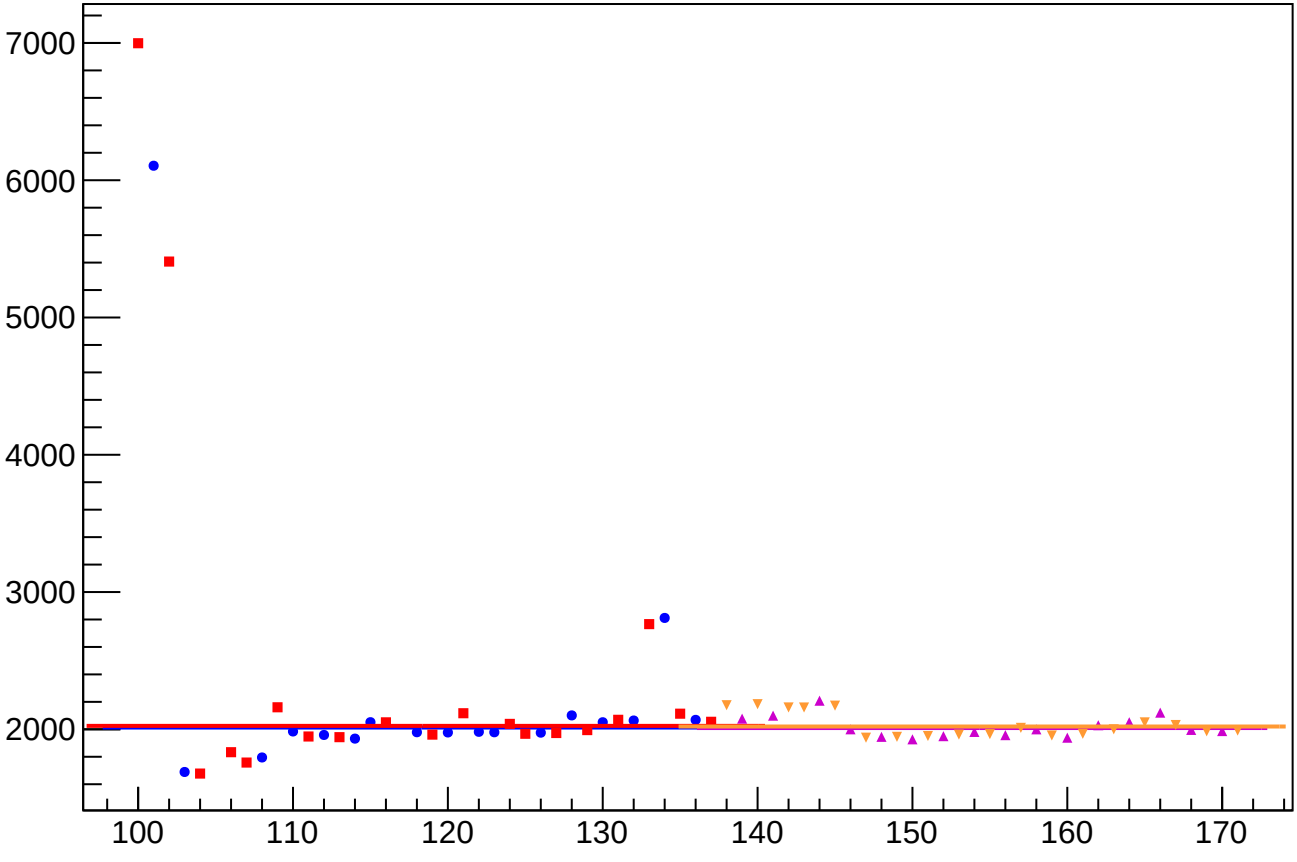
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3059.335+/-461.755 χ^2/NDF:32.9/32

Out: 2037.125+/-450.609 χ^2/NDF:34.4/36

All: 2535.743+/-322.497 χ^2/NDF: 69.8/69

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2020.411+/-0.390 χ^2/NDF:46954.4/17

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

Left In: 2009.264+/-0.401 χ^2/NDF:32751.7/15

Left: 2014.999+/-0.279 χ^2/NDF: 80103.6/33

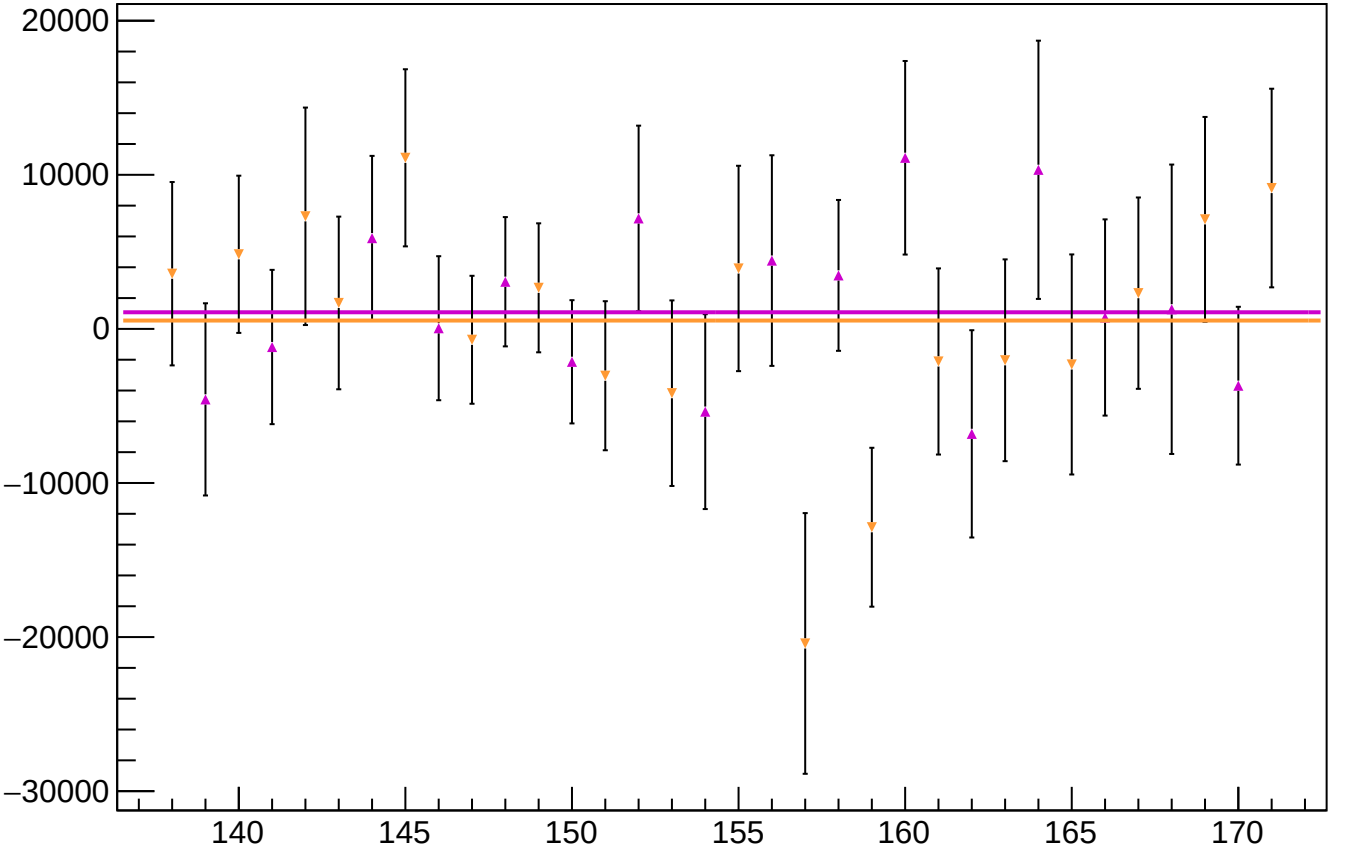
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2010.504+/-0.327 χ^2/NDF:650487.5/32

Out: 2021.954+/-0.319 χ^2/NDF:644424.3/36

All: 2016.370+/-0.228 χ^2/NDF: 1295541.7/69

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 542.871+/-1346.707 χ^2/NDF:23.3/17

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

Left In: 1079.059+/-1390.212 χ^2/NDF:11.3/15

Left: 802.444+/-967.280 χ^2/NDF: 34.7/33

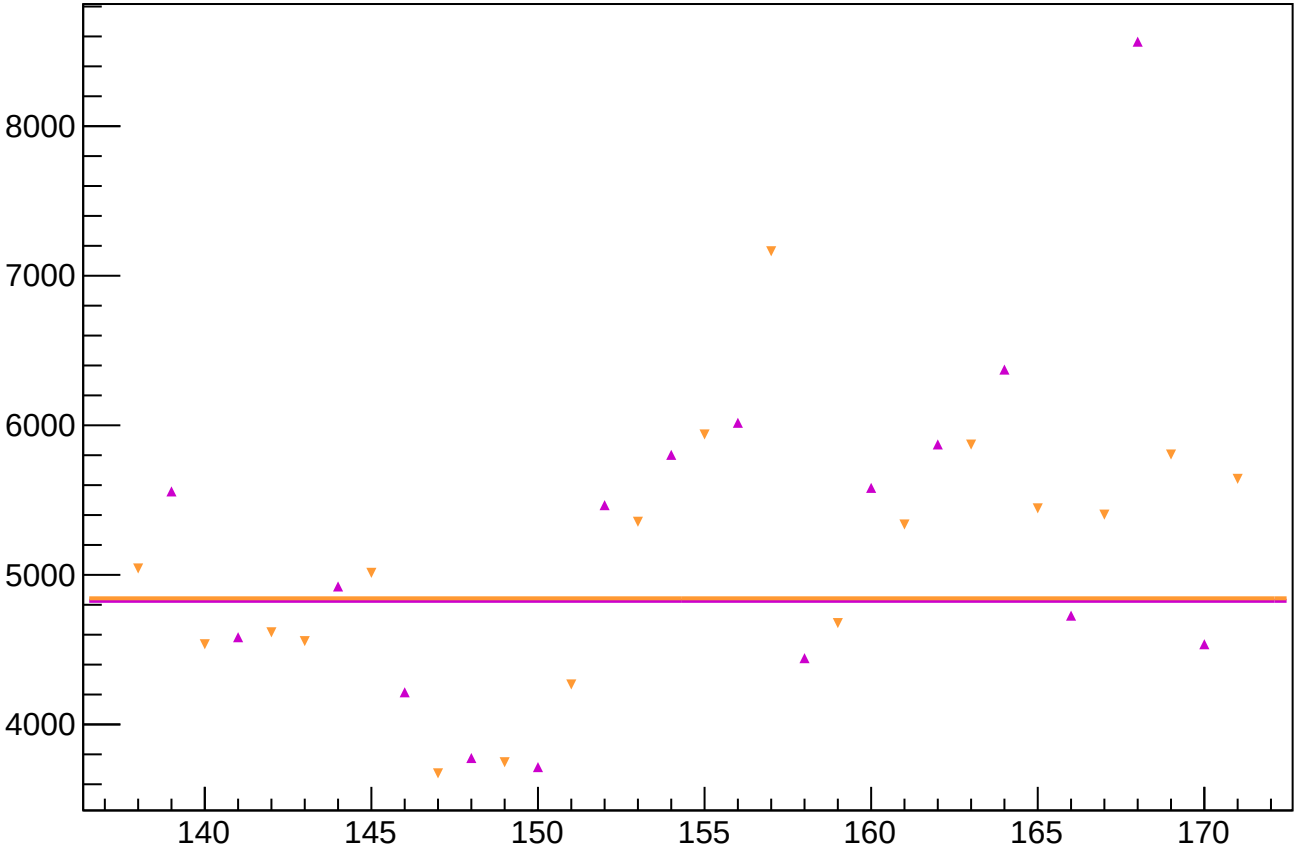
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1079.059+/-1390.212 χ^2/NDF:11.3/15

Out: 542.871+/-1346.707 χ^2/NDF:23.3/17

All: 802.444+/-967.280 χ^2/NDF: 34.7/33

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4843.295+/-0.952 χ^2/NDF:729566.8/17

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

Left In: 4826.498+/-0.983 χ^2/NDF:959560.9/15

Left: 4835.163+/-0.684 χ^2/NDF: 1689278.3/33

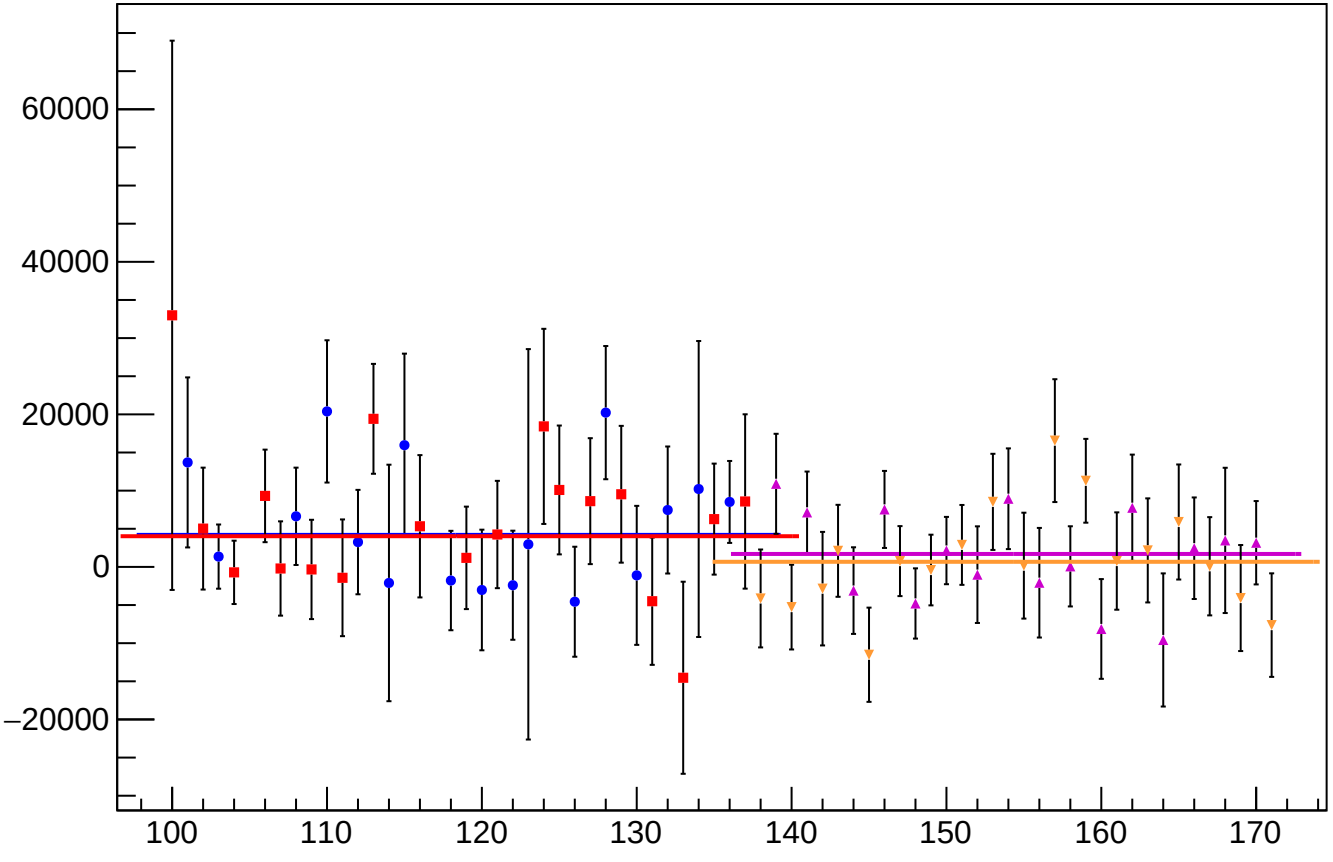
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4826.498+/-0.983 χ^2/NDF:959560.9/15

Out: 4843.295+/-0.952 χ^2/NDF:729566.8/17

All: 4835.163+/-0.684 χ^2/NDF: 1689278.3/33

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 670.775+/-1438.045 χ^2/NDF:17.8/17

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

Left In: 1698.306+/-1483.404 χ^2/NDF:13.6/15

Left: 1168.591+/-1032.515 χ^2/NDF: 31.7/33

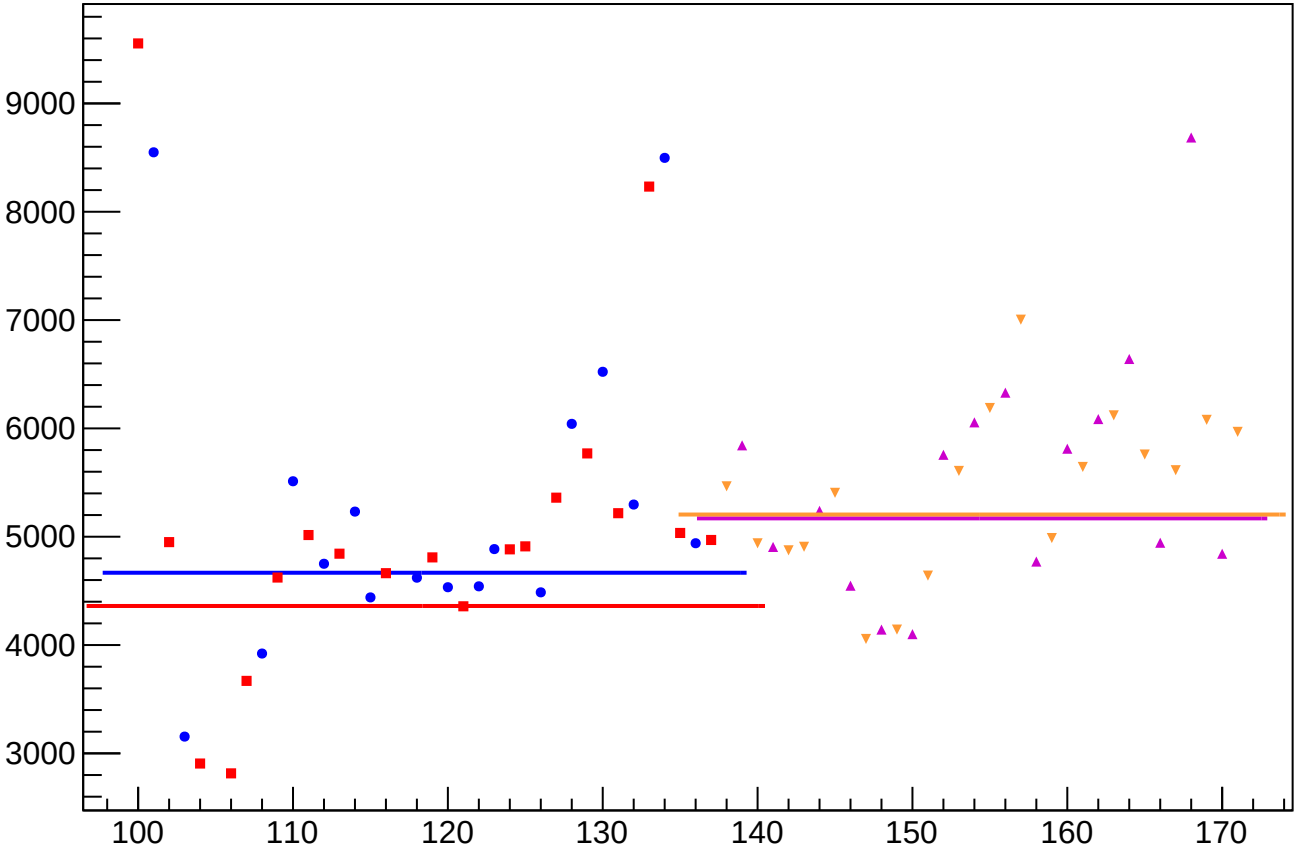
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 2671.824+/-1159.207 χ^2/NDF:28.8/32

Out: 2045.356+/-1104.614 χ^2/NDF:34.9/36

All: 2343.491+/-799.684 χ^2/NDF: 63.9/69

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5204.878+/-1.017 χ^2/NDF:544892.6/17

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

Left In: 5169.390+/-1.049 χ^2/NDF:783086.9/15

Left: 5187.685+/-0.730 χ^2/NDF: 1328569.7/33

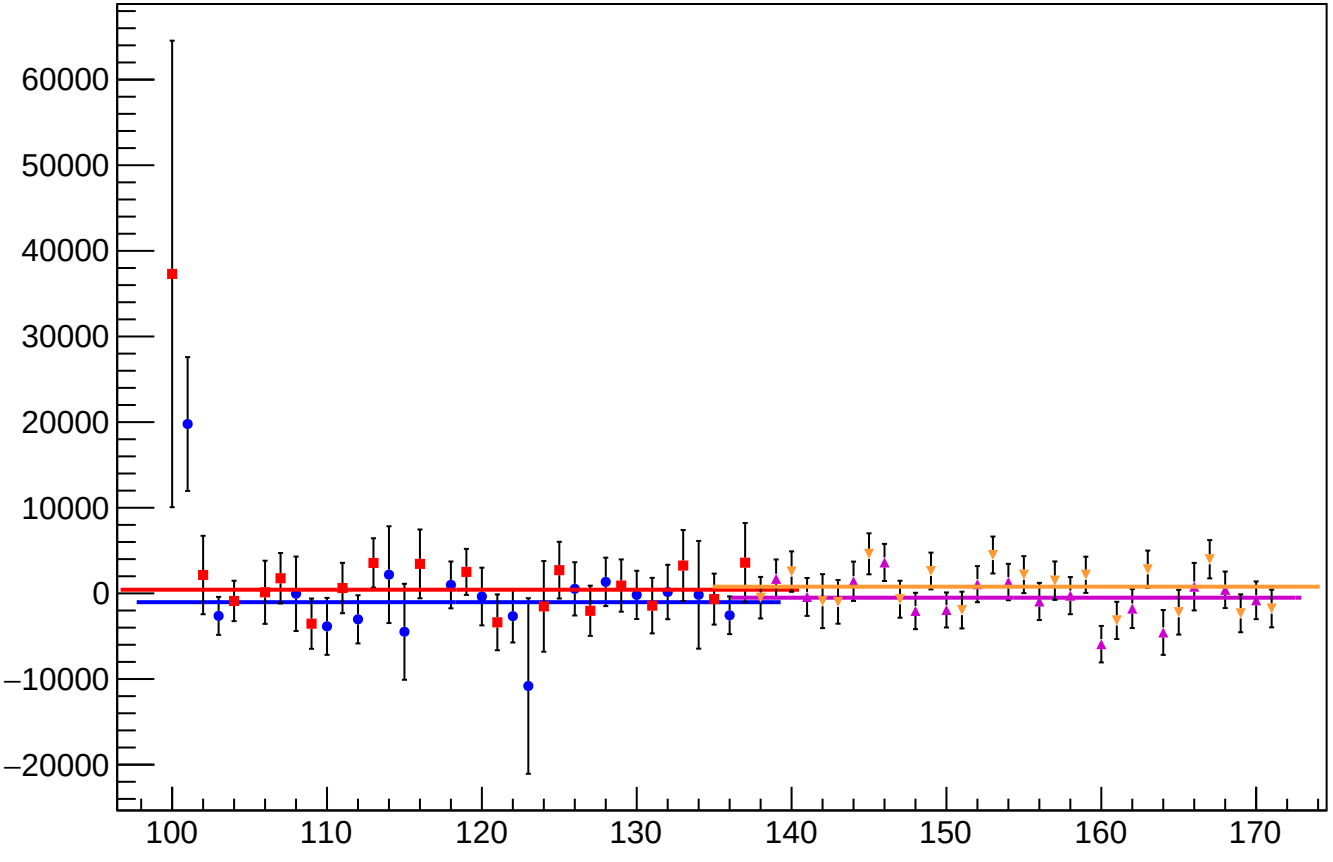
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 4973.975+/-0.820 χ^2/NDF:1650090.9/32

Out: 4856.377+/-0.779 χ^2/NDF:1662204.5/36

All: 4912.202+/-0.565 χ^2/NDF: 3323107.4/69

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 781.103+/-537.775 χ^2/NDF:21.7/17

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

Left In: -503.591+/-554.686 χ^2/NDF:17.3/15

Left: 158.639+/-386.104 χ^2/NDF: 41.7/33

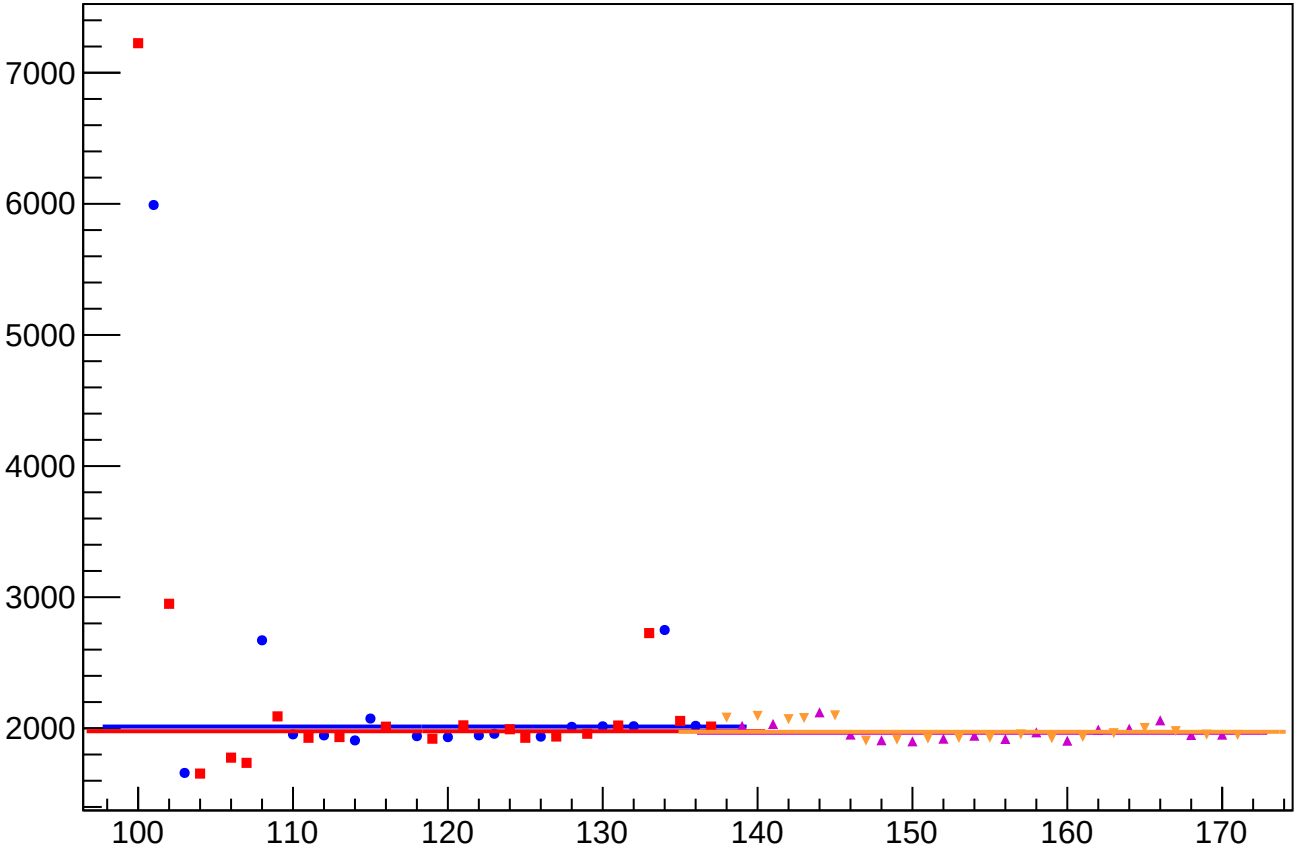
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -674.520+/-455.202 χ^2/NDF:30.6/32

Out: 663.624+/-439.147 χ^2/NDF:32.6/36

All: 18.567+/-316.047 χ^2/NDF: 67.7/69

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1973.207+/-0.380 χ^2/NDF:28978.4/17

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

Left In: 1965.911+/-0.392 χ^2/NDF:22465.3/15

Left: 1969.672+/-0.273 χ^2/NDF: 51622.1/33

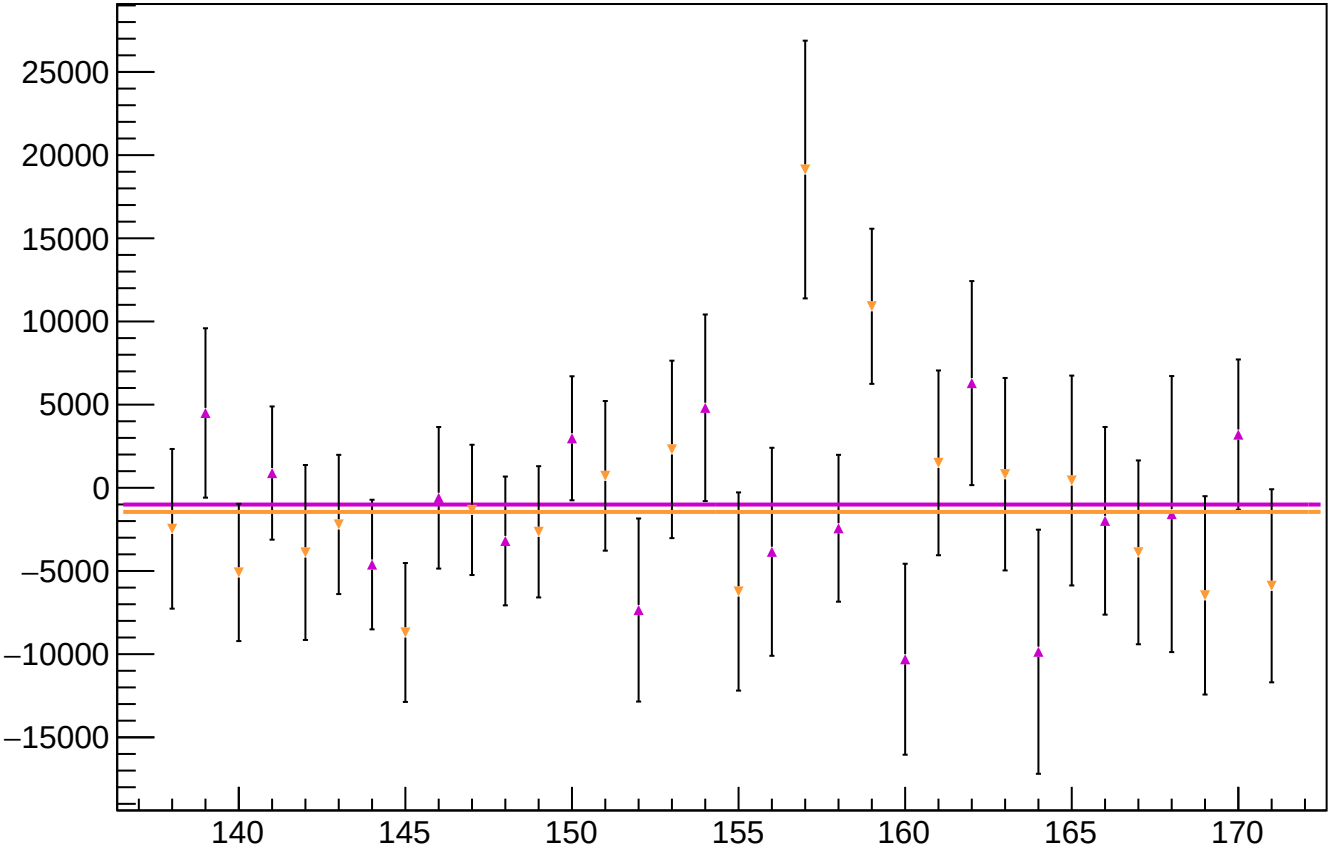
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 1981.375+/-0.322 χ^2/NDF:677274.6/32

Out: 1974.654+/-0.310 χ^2/NDF:323921.0/36

All: 1977.893+/-0.223 χ^2/NDF: 1001421.5/69

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1449.109+/-1165.936 χ^2/NDF:21.6/17

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

Left In: -1006.221+/-1219.080 χ^2/NDF:12.8/15

Left: -1237.529+/-842.603 χ^2/NDF: 34.5/33

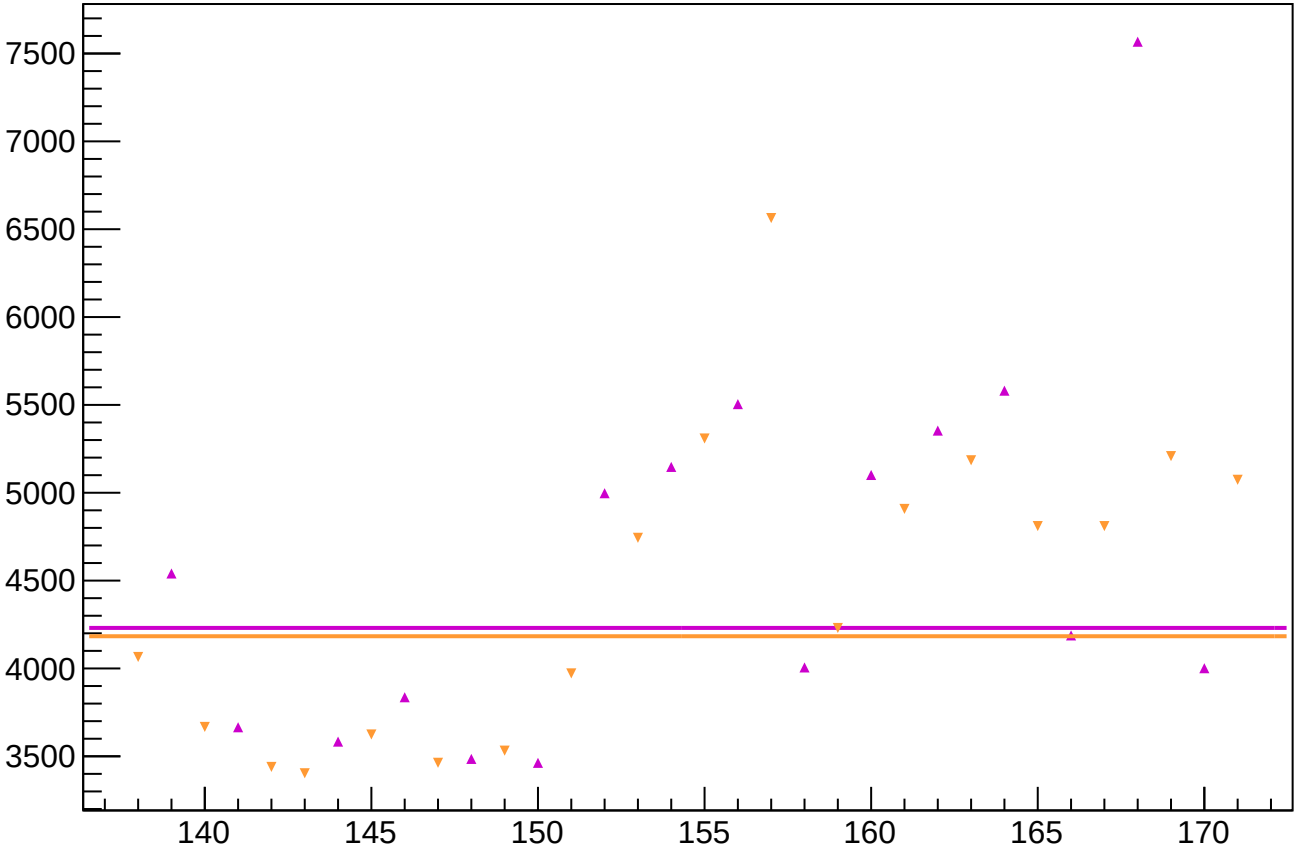
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1006.221+/-1219.080 χ^2/NDF:12.8/15

Out: -1449.109+/-1165.936 χ^2/NDF:21.6/17

All: -1237.529+/-842.603 χ^2/NDF: 34.5/33

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4183.304+/-0.824 χ^2/NDF:832528.7/17

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

Left In: 4230.718+/-0.862 χ^2/NDF:968469.2/15

Left: 4205.955+/-0.596 χ^2/NDF: 1802578.0/33

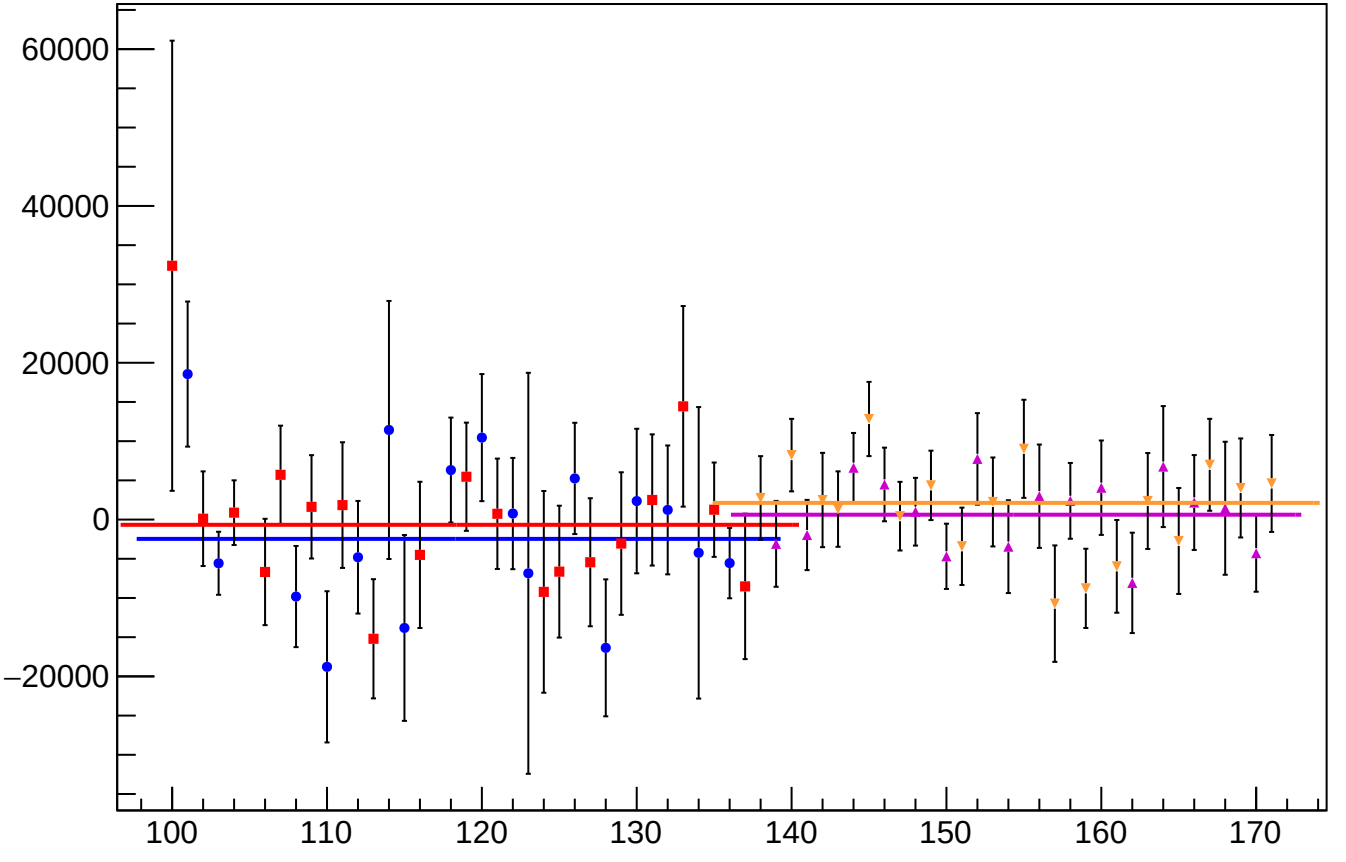
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4230.718+/-0.862 χ^2/NDF:968469.2/15

Out: 4183.304+/-0.824 χ^2/NDF:832528.7/17

All: 4205.955+/-0.596 χ^2/NDF: 1802578.0/33

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 2130.577+/-1276.963 χ^2/NDF:20.7/17

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

Left In: 621.220+/-1329.482 χ^2/NDF:11.0/15

Left: 1406.299+/-920.957 χ^2/NDF: 32.4/33

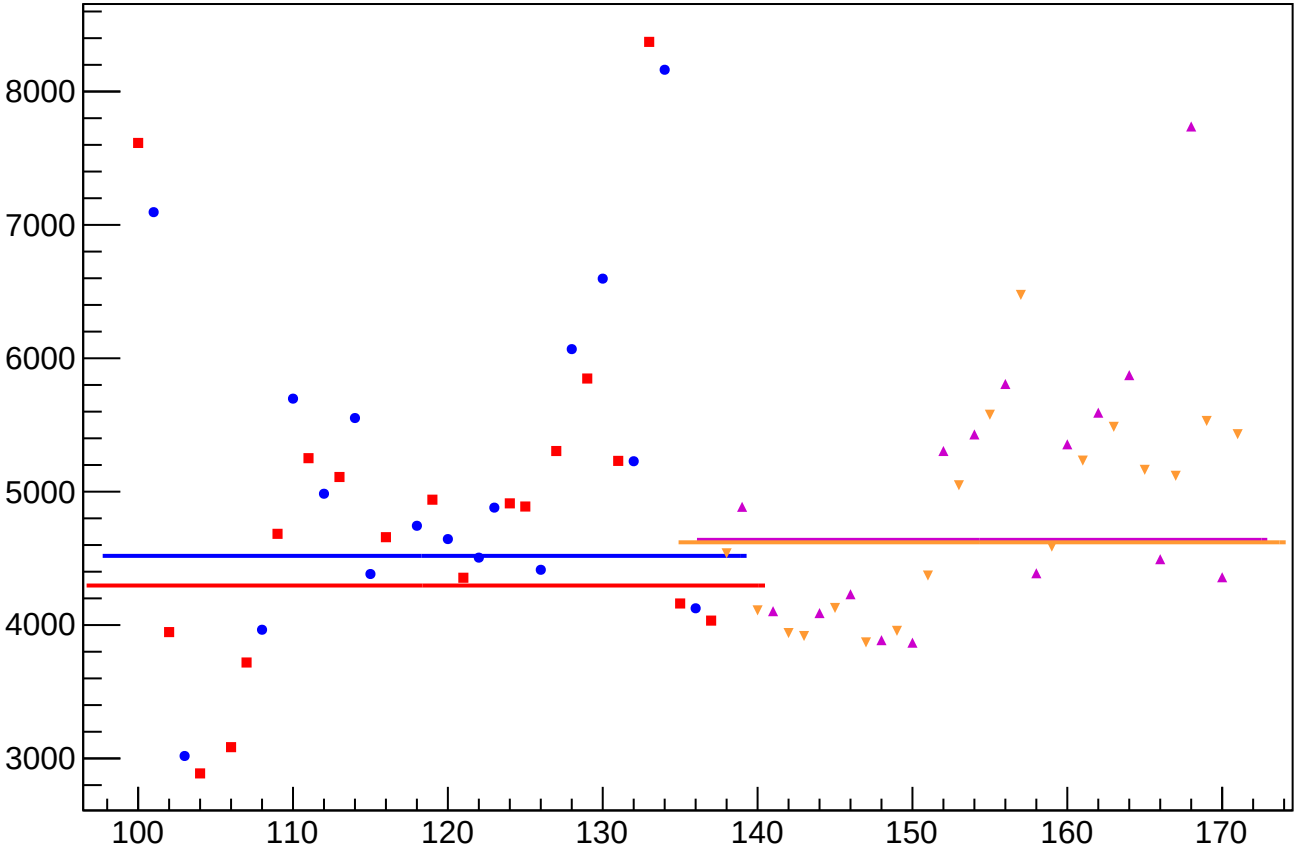
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -469.285+/-1068.840 χ^2/NDF:33.8/32

Out: 1113.998+/-1018.784 χ^2/NDF:34.4/36

All: 360.297+/-737.450 χ^2/NDF: 69.3/69

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4620.317+/-0.903 χ^2/NDF:571258.6/17

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

Left In: 4638.721+/-0.940 χ^2/NDF:735979.9/15

Left: 4629.148+/-0.651 χ^2/NDF: 1307437.9/33

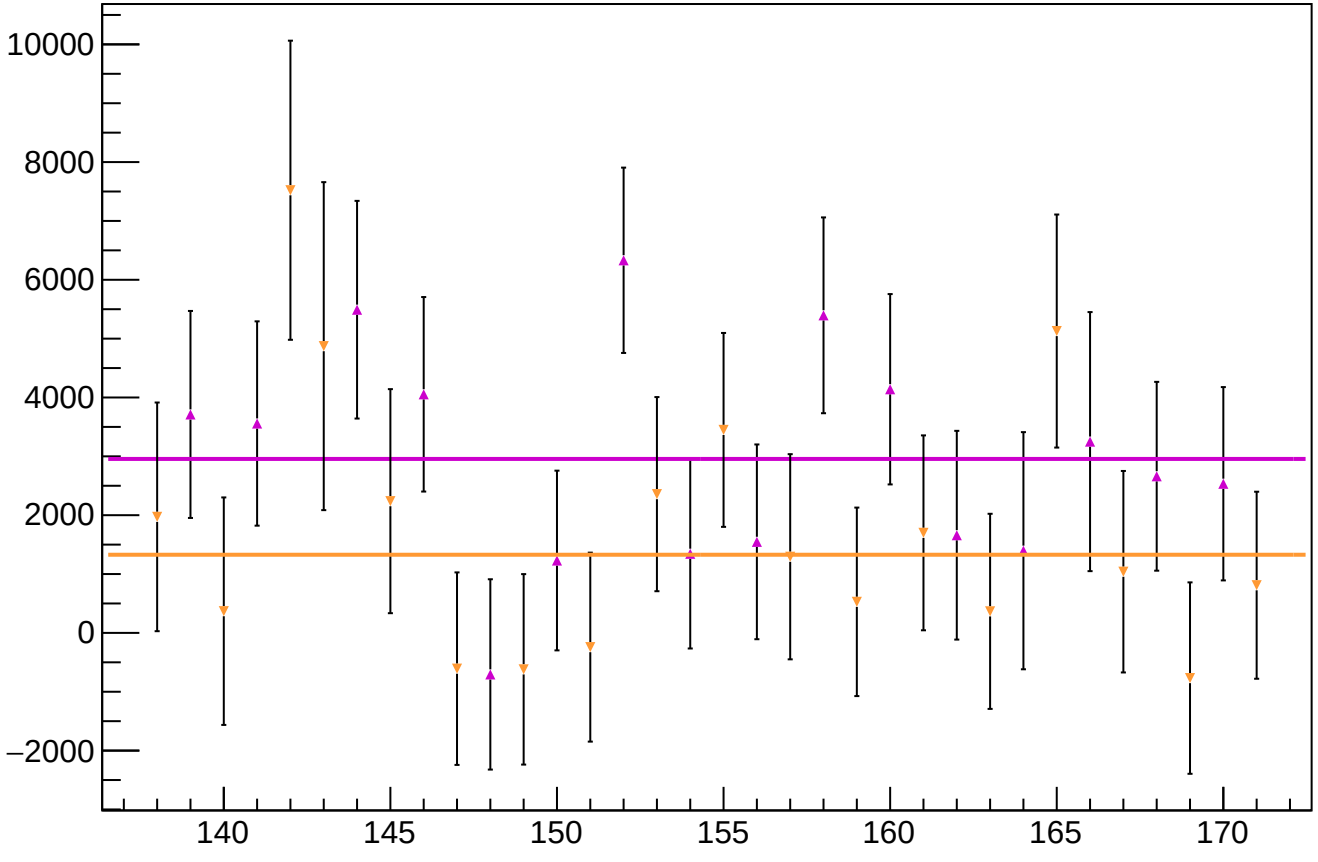
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4596.268+/-0.756 χ^2/NDF:1511972.9/32

Out: 4501.735+/-0.719 χ^2/NDF:1390075.2/36

All: 4546.641+/-0.521 χ^2/NDF: 2910261.4/69

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: 1327.995+/-415.588 χ^2/NDF:20.1/17

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

Left In: 2955.906+/-424.346 χ^2/NDF:19.3/15

Left: 2124.977+/-296.913 χ^2/NDF: 46.9/33

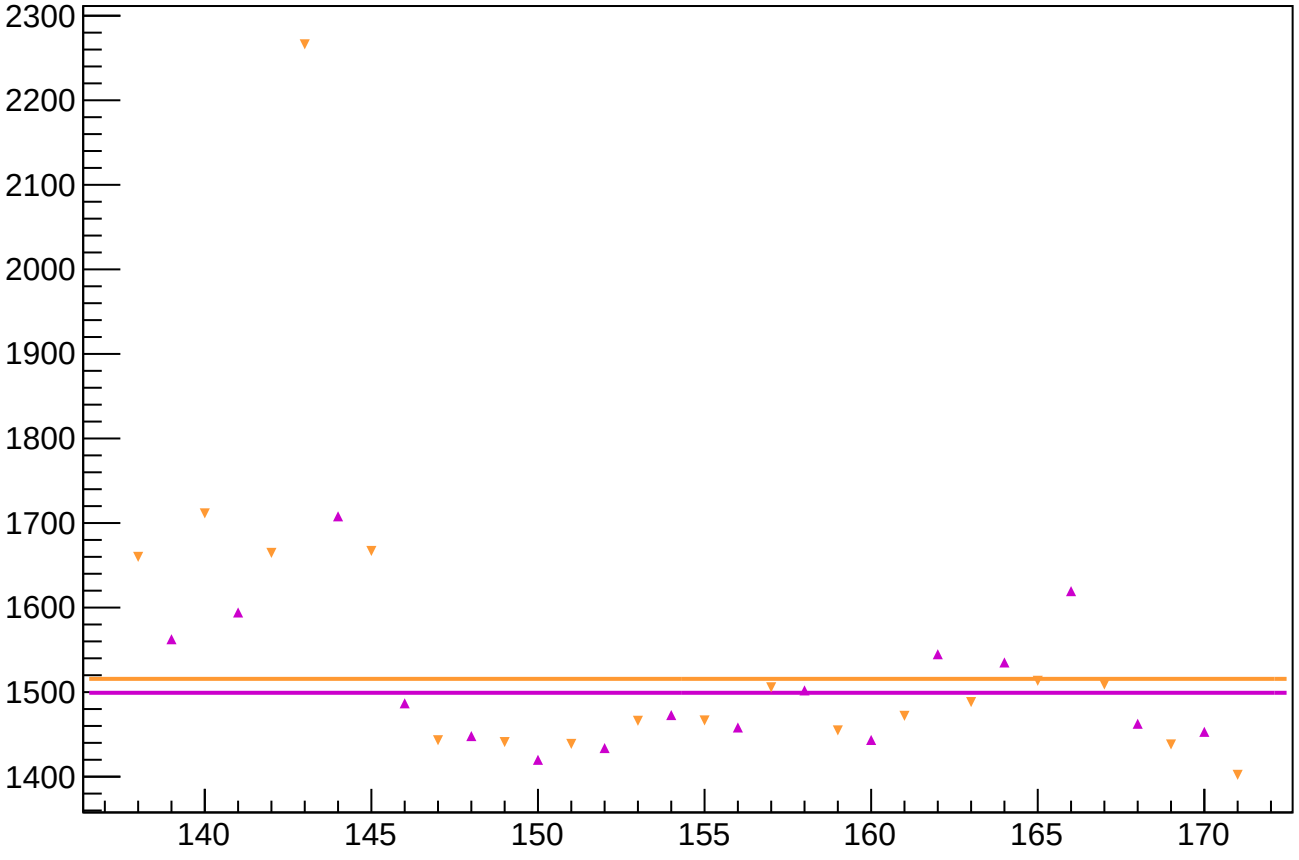
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2955.906+/-424.346 χ^2/NDF:19.3/15

Out: 1327.995+/-415.588 χ^2/NDF:20.1/17

All: 2124.977+/-296.913 χ^2/NDF: 46.9/33

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: 1515.693+/-0.294 χ^2/NDF:232209.0/17

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

Left In: 1499.213+/-0.300 χ^2/NDF:59706.1/15

Left: 1507.625+/-0.210 χ^2/NDF: 293454.8/33

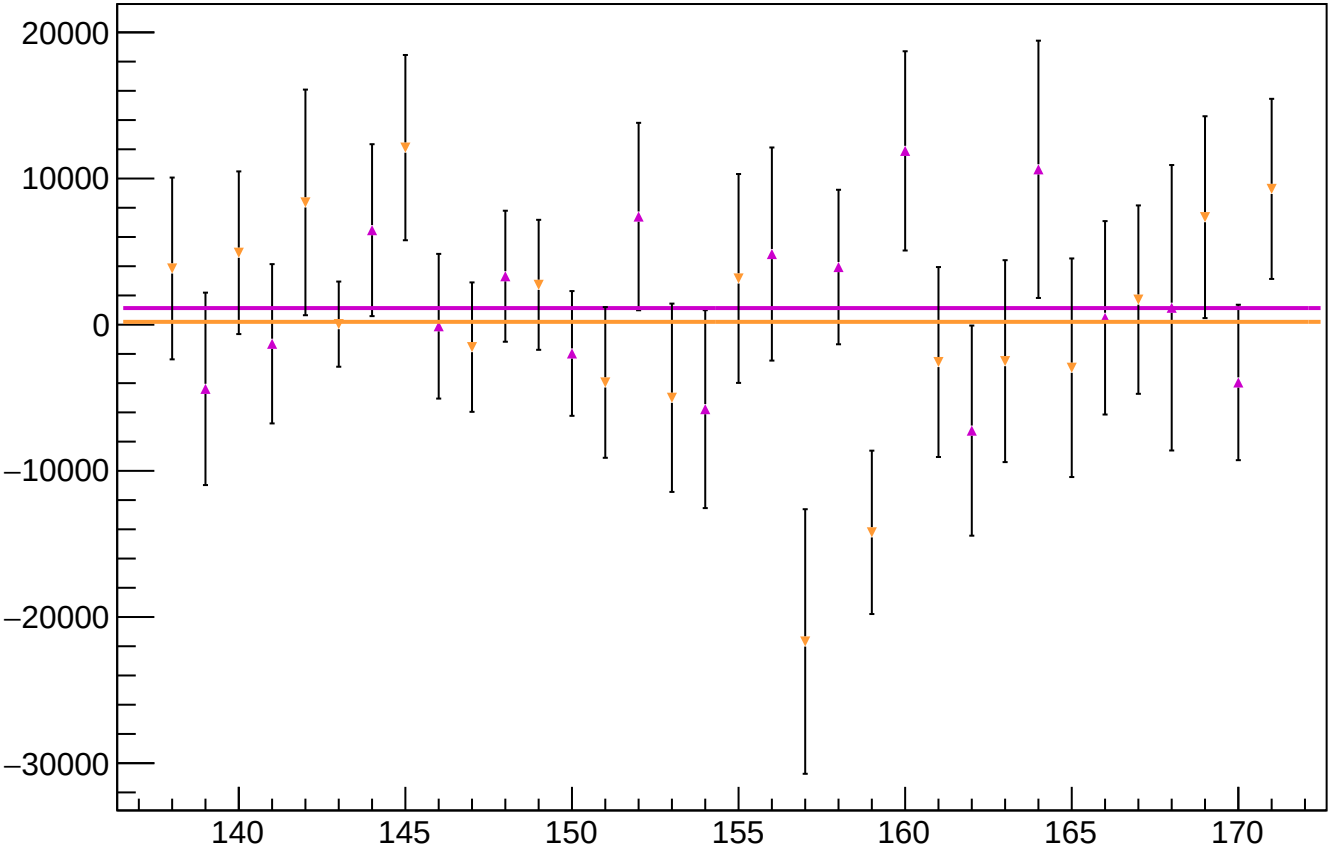
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1499.213+/-0.300 χ^2/NDF:59706.1/15

Out: 1515.693+/-0.294 χ^2/NDF:232209.0/17

All: 1507.625+/-0.210 χ^2/NDF: 293454.8/33

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: 194.536+/-1314.642 χ^2/NDF:24.0/17

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

Left In: 1136.583+/-1483.470 χ^2/NDF:11.0/15

Left: 608.926+/-983.891 χ^2/NDF: 35.2/33

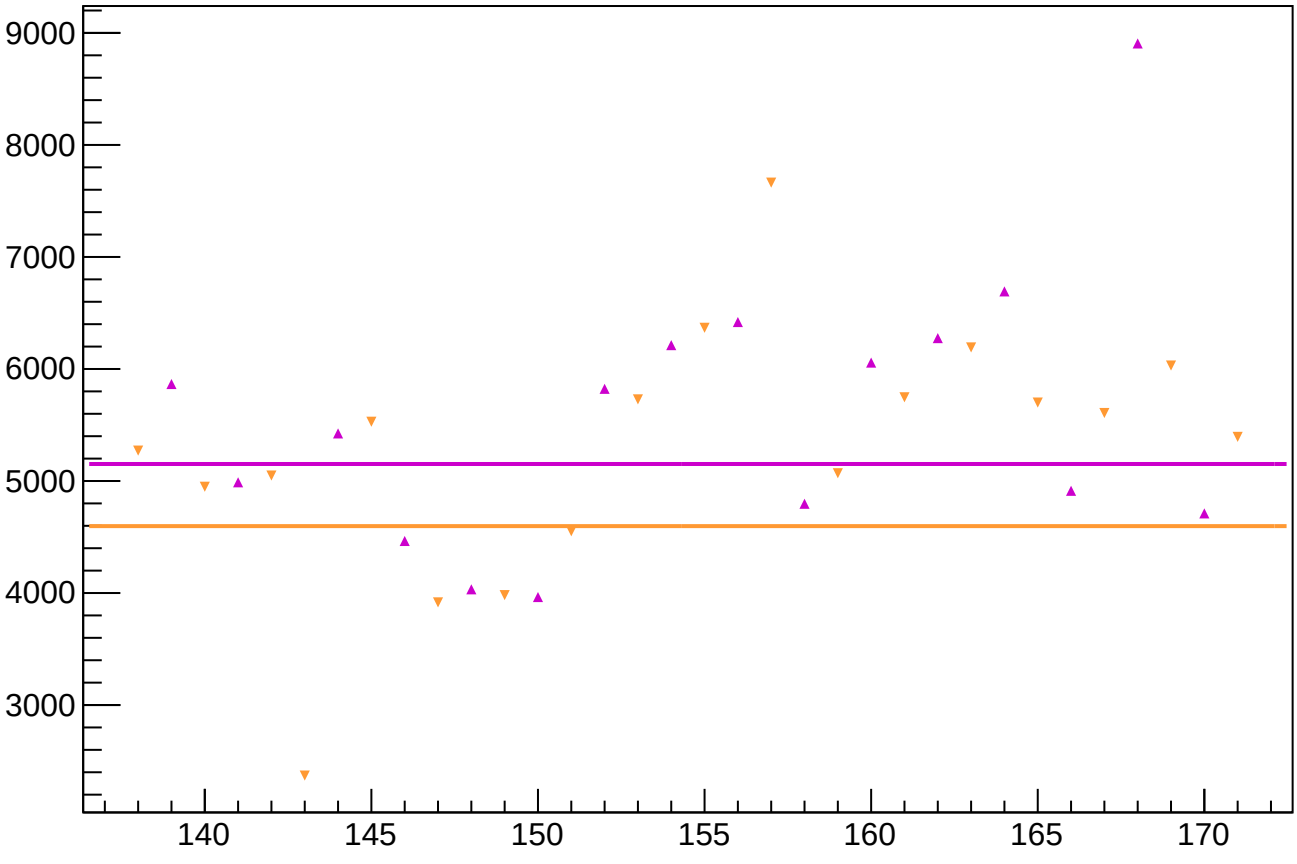
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1136.583+/-1483.470 χ^2/NDF:11.0/15

Out: 194.536+/-1314.642 χ^2/NDF:24.0/17

All: 608.926+/-983.891 χ^2/NDF: 35.2/33

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: 4597.213+/-0.930 χ^2/NDF:2145053.9/17

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

Left In: 5151.823+/-1.049 χ^2/NDF:945569.9/15

Left: 4841.177+/-0.696 χ^2/NDF: 3247200.5/33

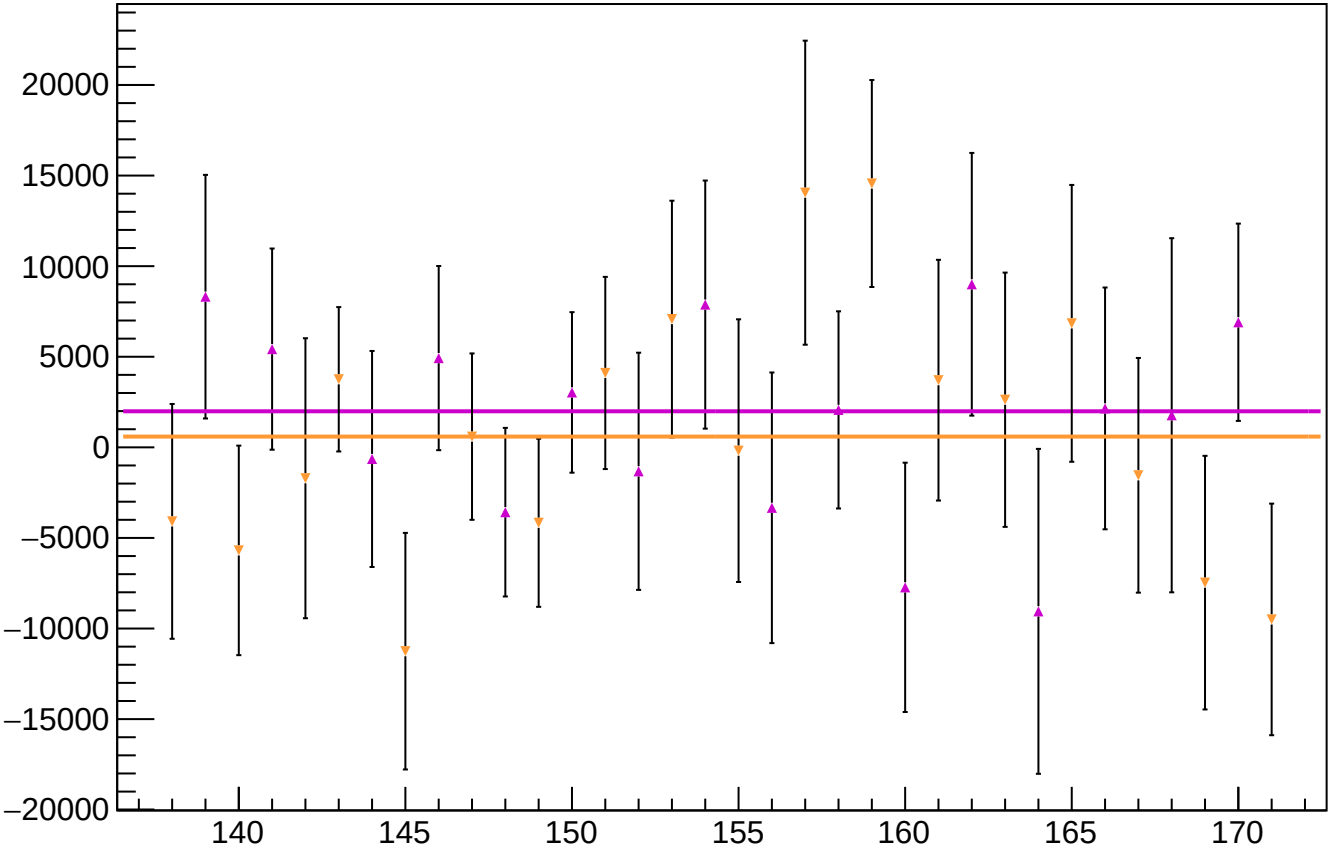
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5151.823+/-1.049 χ^2/NDF:945569.9/15

Out: 4597.213+/-0.930 χ^2/NDF:2145053.9/17

All: 4841.177+/-0.696 χ^2/NDF: 3247200.5/33

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: 594.295+/-1410.671 χ^2/NDF:21.7/17

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

Left In: 1989.997+/-1517.585 χ^2/NDF:10.1/15

Left: 1241.256+/-1033.226 χ^2/NDF: 32.2/33

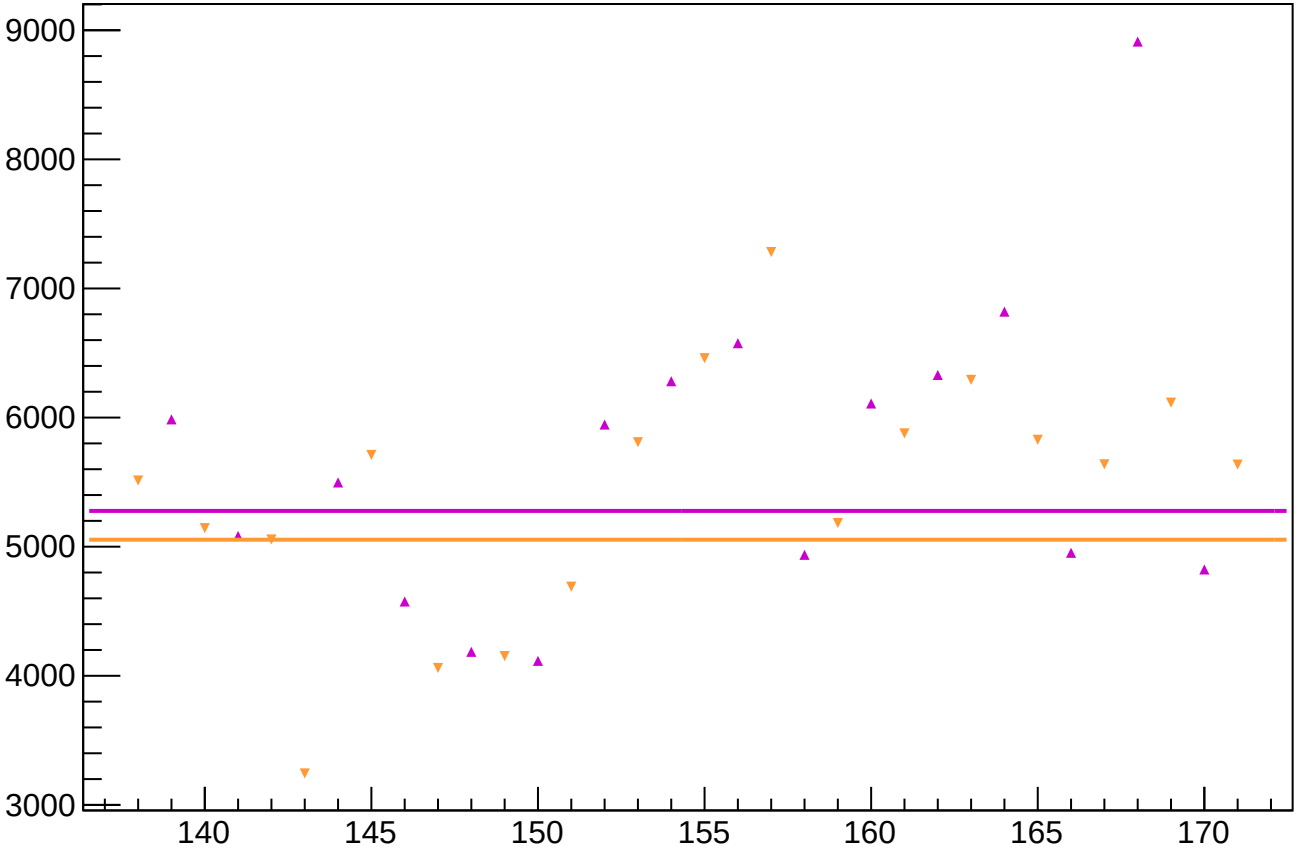
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1989.997+/-1517.585 χ^2/NDF:10.1/15

Out: 594.295+/-1410.671 χ^2/NDF:21.7/17

All: 1241.256+/-1033.226 χ^2/NDF: 32.2/33

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: 5054.111+/-0.997 χ^2/NDF:1058466.9/17

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

Left In: 5277.121+/-1.073 χ^2/NDF:871284.4/15

Left: 5157.484+/-0.731 χ^2/NDF: 1952920.5/33

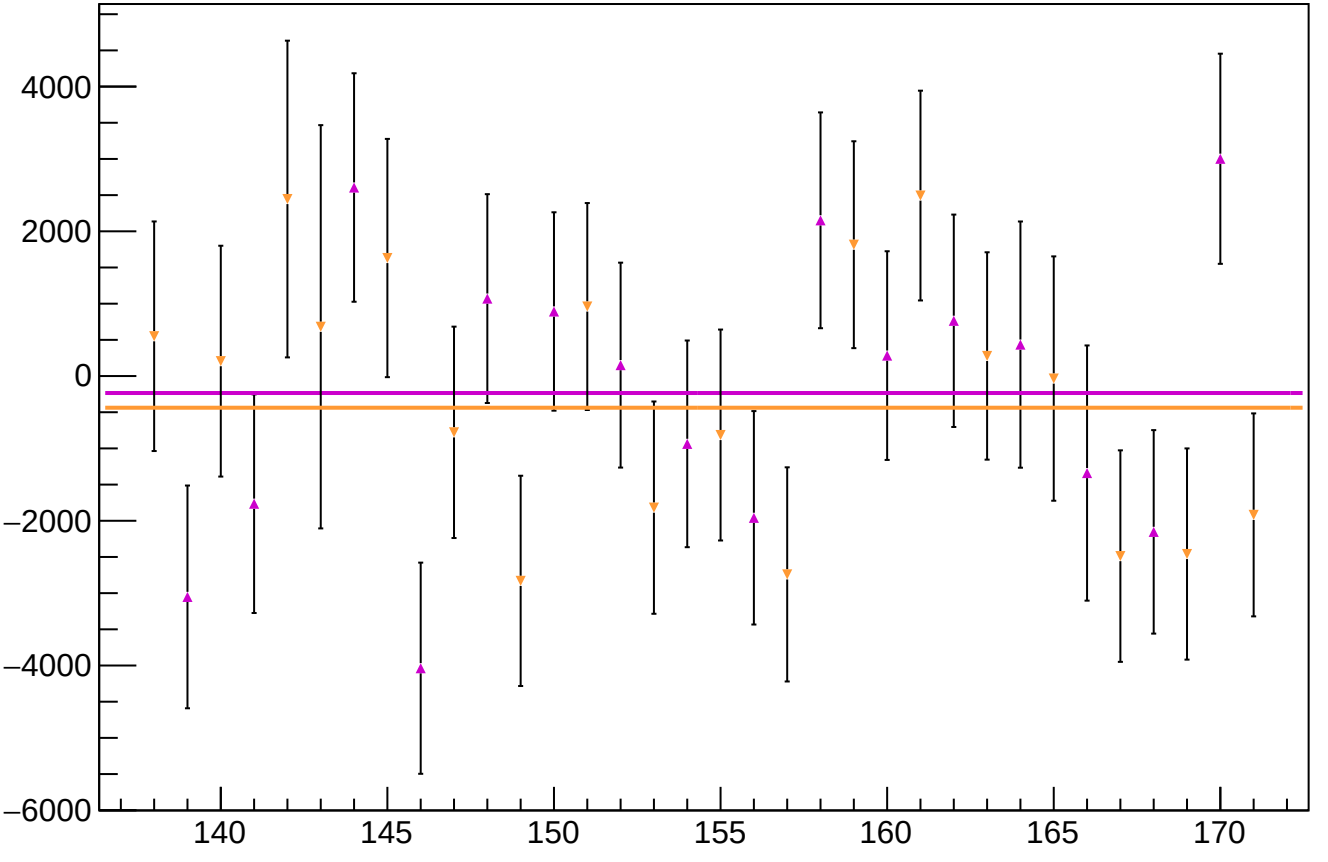
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5277.121+/-1.073 χ^2/NDF:871284.4/15

Out: 5054.111+/-0.997 χ^2/NDF:1058466.9/17

All: 5157.484+/-0.731 χ^2/NDF: 1952920.5/33

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -437.659+/-363.436 χ^2/NDF:23.0/17

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

Left In: -234.422+/-371.761 χ^2/NDF:28.1/15

Left: -338.342+/-259.881 χ^2/NDF: 51.3/33

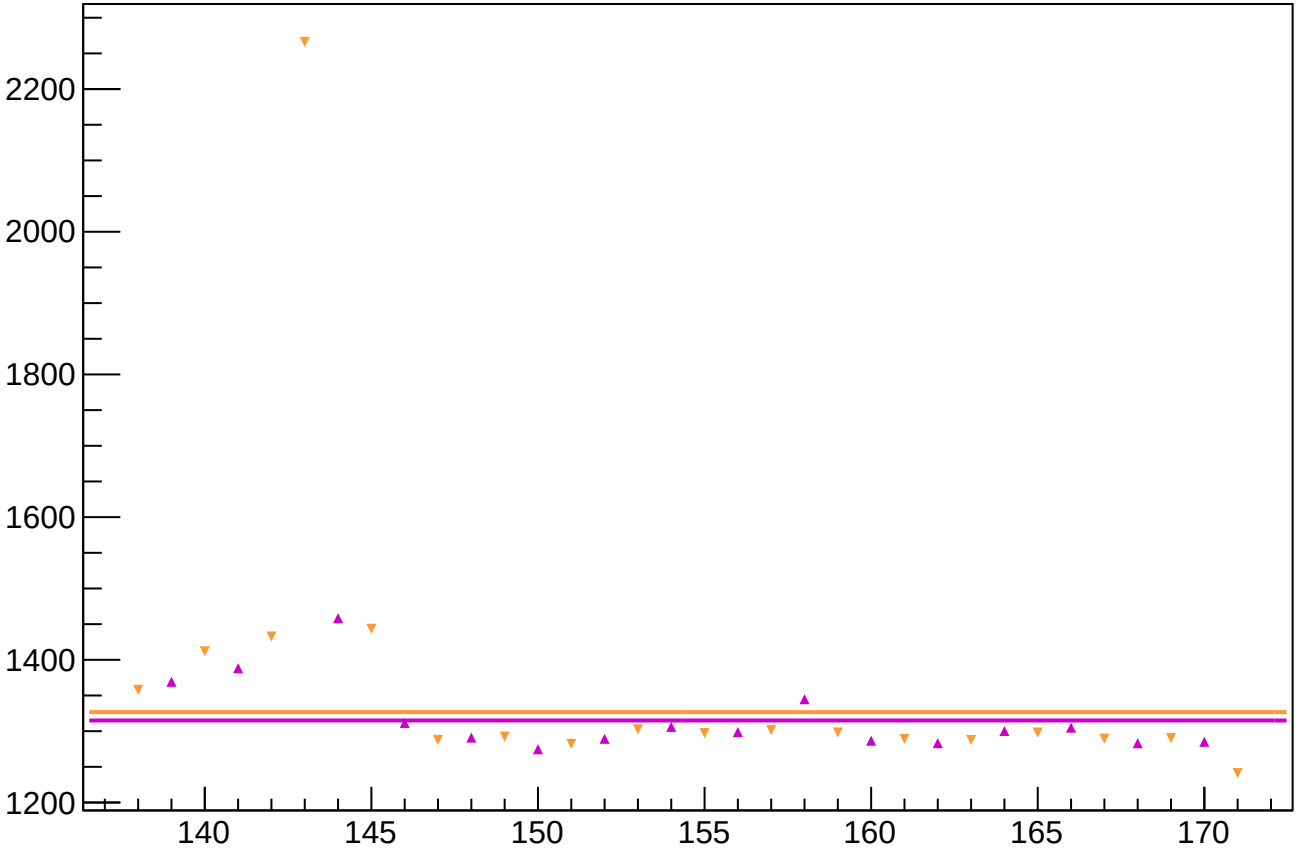
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -234.422+/-371.761 χ^2/NDF:28.1/15

Out: -437.659+/-363.436 χ^2/NDF:23.0/17

All: -338.342+/-259.881 χ^2/NDF: 51.3/33

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: 1326.722+/-0.257 χ^2/NDF:269076.3/17

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

Left In: 1314.962+/-0.263 χ^2/NDF:31545.8/15

Left: 1320.975+/-0.184 χ^2/NDF: 301645.3/33

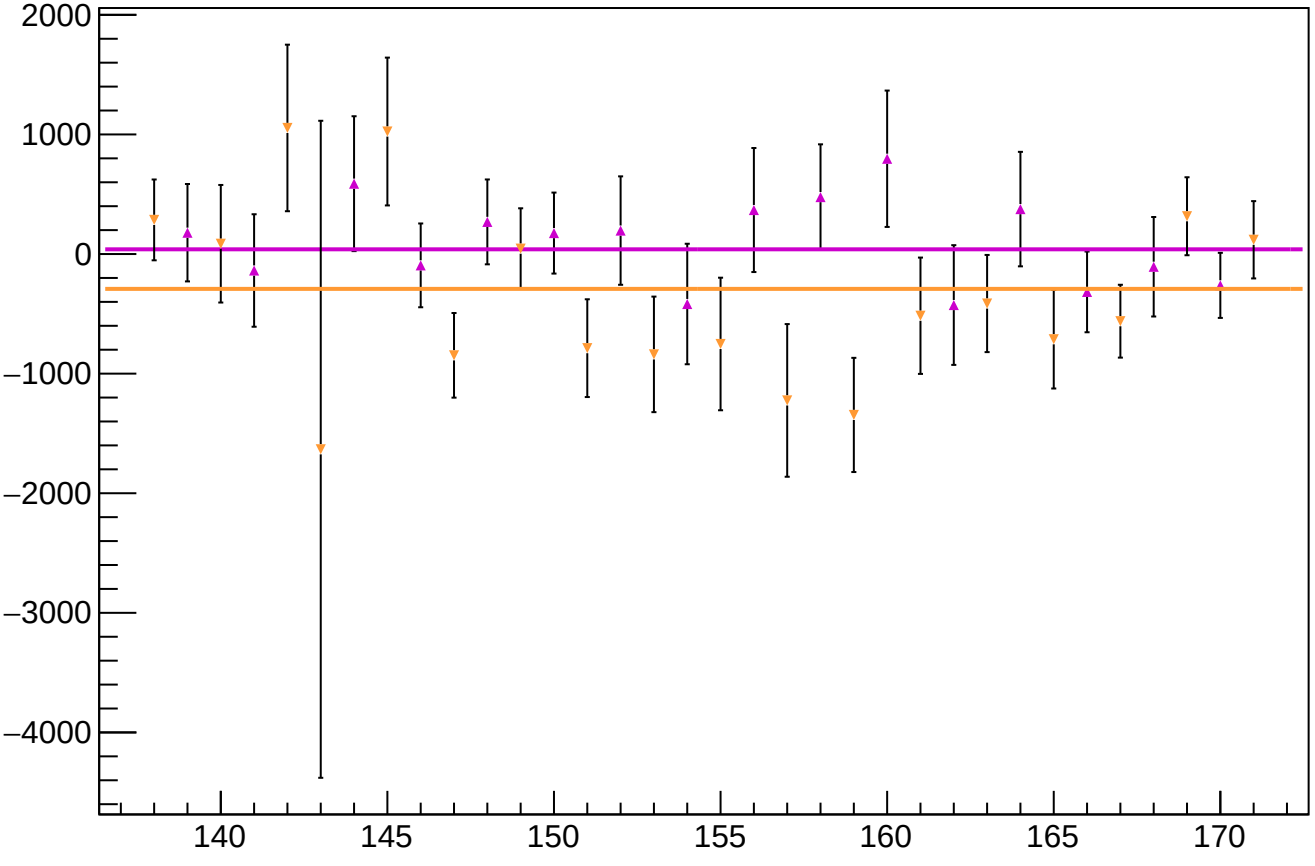
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1314.962+/-0.263 χ^2/NDF:31545.8/15

Out: 1326.722+/-0.257 χ^2/NDF:269076.3/17

All: 1320.975+/-0.184 χ^2/NDF: 301645.3/33

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: -291.283+/-99.599 χ^2/NDF:33.1/17

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

Left In: 39.488+/-102.233 χ^2/NDF:9.8/15

Left: -130.213+/-71.340 χ^2/NDF: 48.4/33

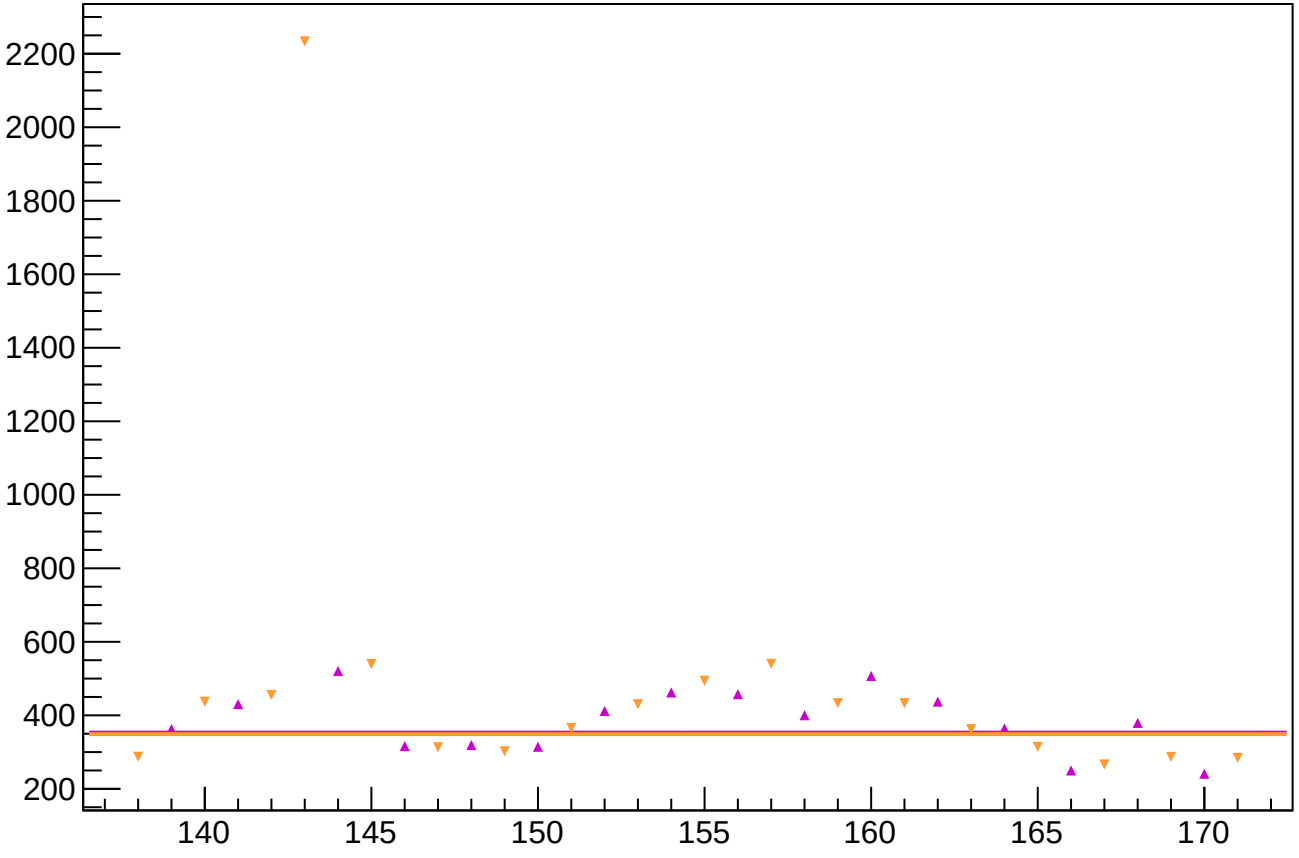
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 39.488+/-102.233 χ^2/NDF:9.8/15

Out: -291.283+/-99.599 χ^2/NDF:33.1/17

All: -130.213+/-71.340 χ^2/NDF: 48.4/33

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: 348.858+/-0.070 χ^2/NDF:2183792.4/17

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

Left In: 352.846+/-0.072 χ^2/NDF:1266251.6/15

Left: 350.800+/-0.050 χ^2/NDF: 3451605.0/33

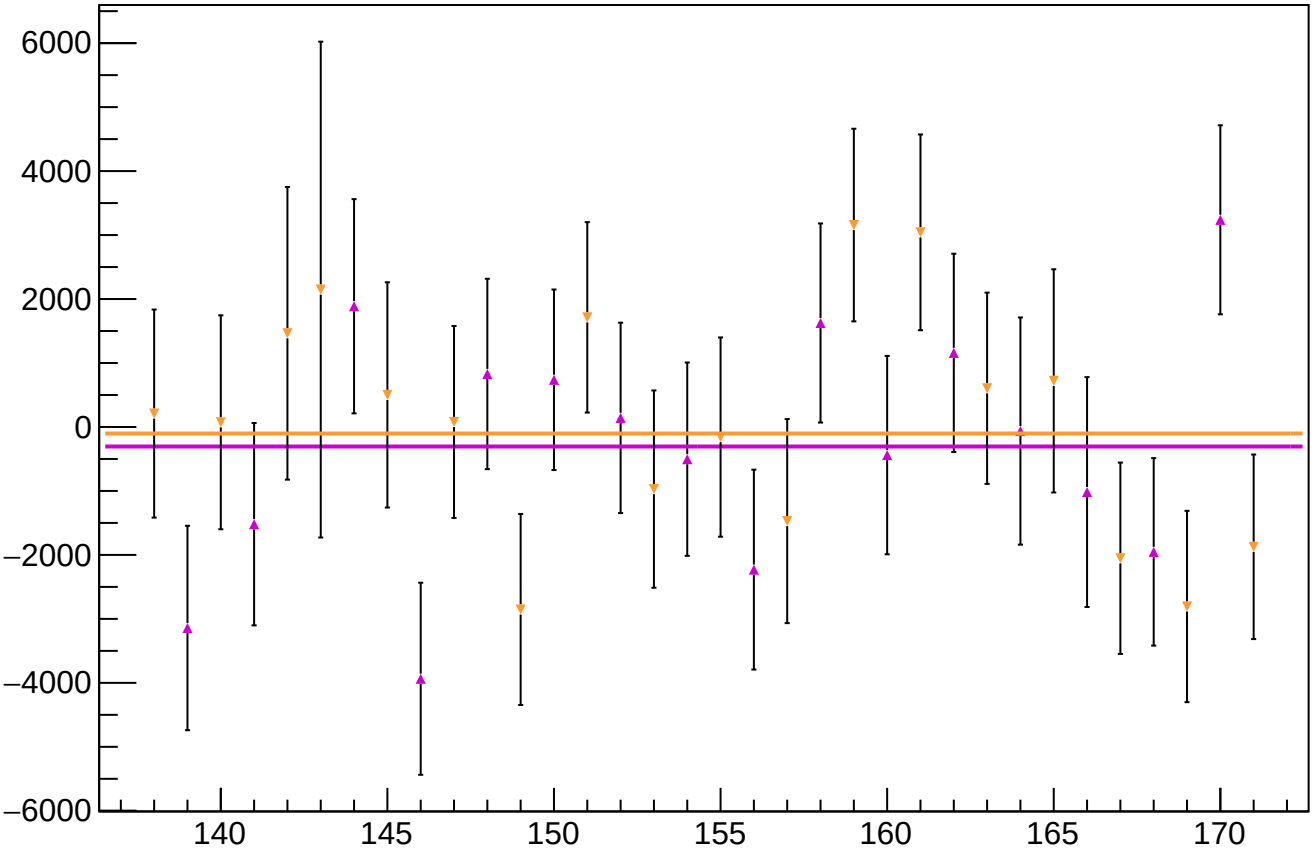
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 352.846+/-0.072 χ^2/NDF:1266251.6/15

Out: 348.858+/-0.070 χ^2/NDF:2183792.4/17

All: 350.800+/-0.050 χ^2/NDF: 3451605.0/33

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: -102.244+/-380.555 χ^2/NDF:22.8/17

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

Left In: -305.208+/-388.046 χ^2/NDF:23.7/15

Left: -201.748+/-271.703 χ^2/NDF: 46.6/33

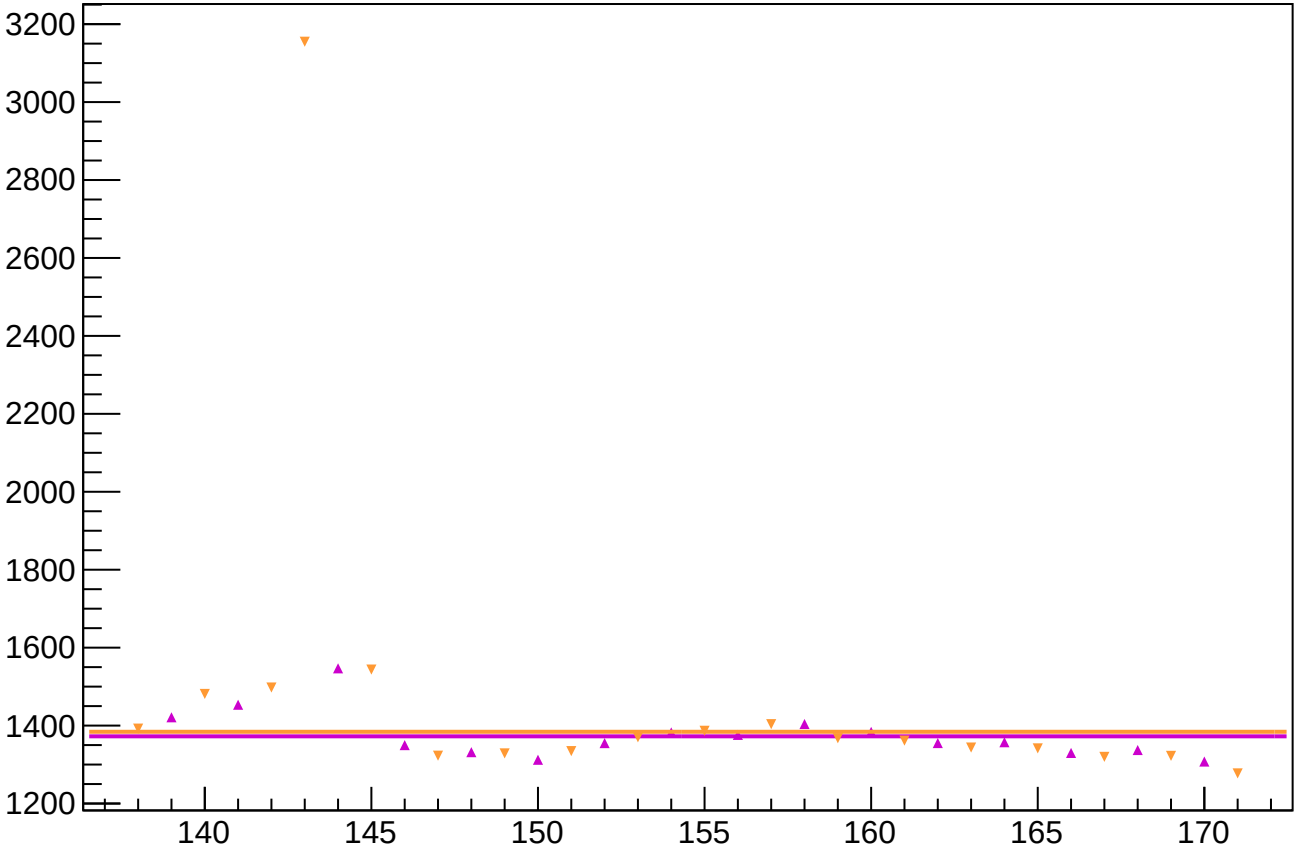
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -305.208+/-388.046 χ^2/NDF:23.7/15

Out: -102.244+/-380.555 χ^2/NDF:22.8/17

All: -201.748+/-271.703 χ^2/NDF: 46.6/33

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: 1384.146+/-0.269 χ^2/NDF:475875.8/17

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

Left In: 1372.443+/-0.274 χ^2/NDF:42233.6/15

Left: 1378.409+/-0.192 χ^2/NDF: 519036.7/33

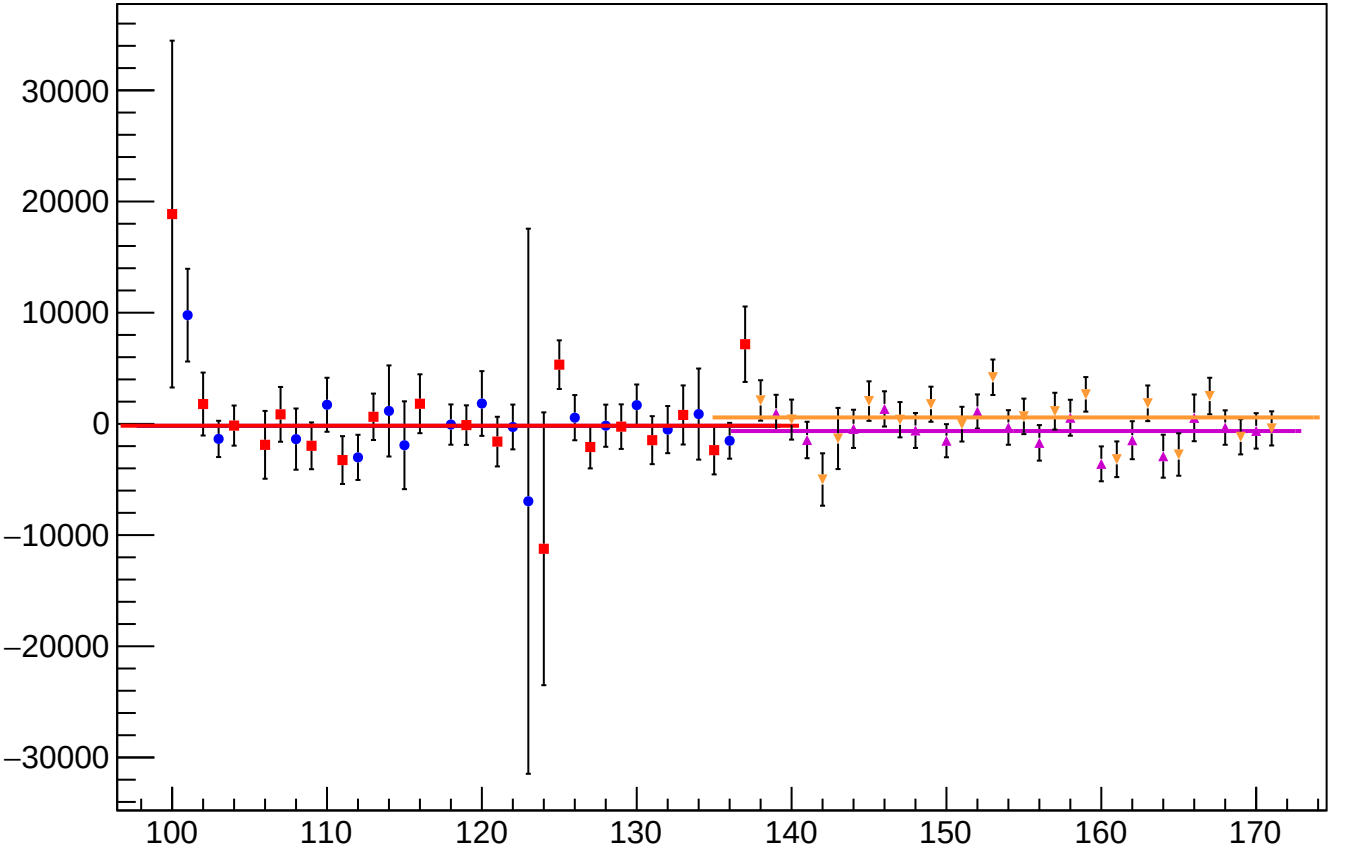
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1372.443+/-0.274 χ^2/NDF:42233.6/15

Out: 1384.146+/-0.269 χ^2/NDF:475875.8/17

All: 1378.409+/-0.192 χ^2/NDF: 519036.7/33

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: 581.120+/-399.777 χ^2/NDF:27.4/17

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

Left In: -643.269+/-408.661 χ^2/NDF:10.9/15

Left: -17.621+/-285.774 χ^2/NDF: 42.9/33

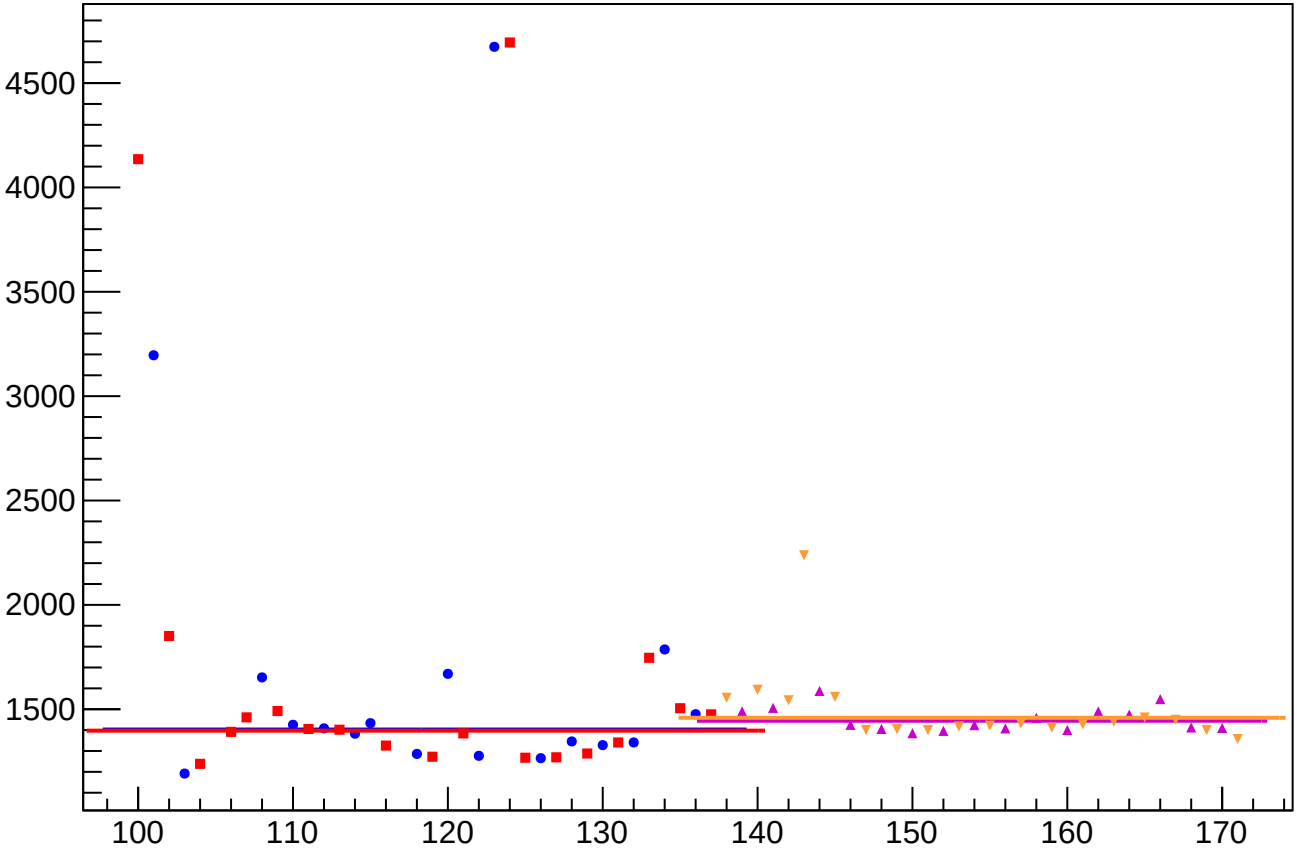
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -478.454+/-329.005 χ^2/NDF:23.1/32

Out: 317.049+/-321.329 χ^2/NDF:49.3/36

All: -71.314+/-229.880 χ^2/NDF: 75.5/69

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: 1459.107+/-0.283 χ^2/NDF:211185.7/17

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

Left In: 1444.881+/-0.289 χ^2/NDF:36512.4/15

Left: 1452.150+/-0.202 χ^2/NDF: 248936.4/33

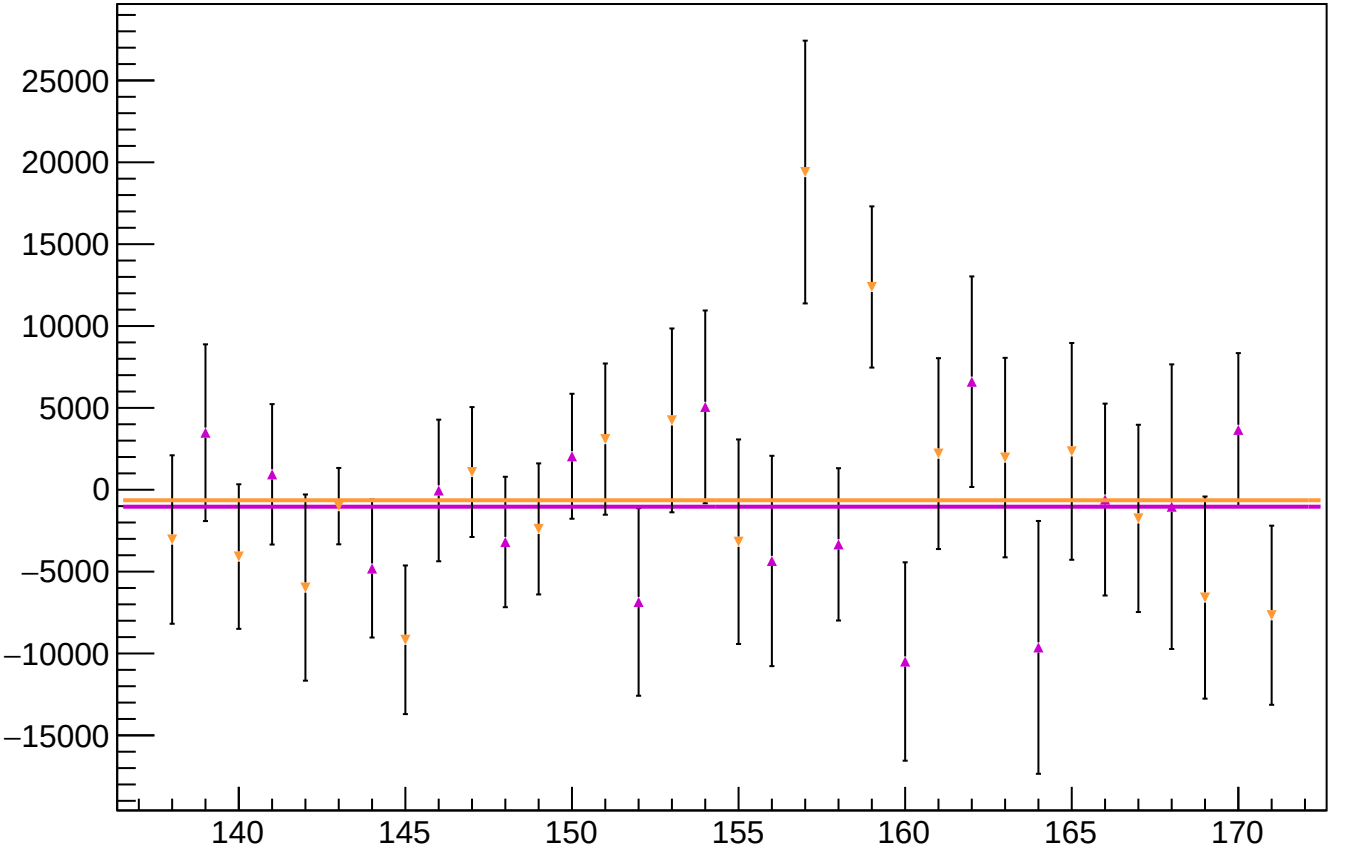
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1430.043+/-0.233 χ^2/NDF:570332.9/32

Out: 1437.264+/-0.227 χ^2/NDF:581406.2/36

All: 1433.739+/-0.163 χ^2/NDF: 1152232.2/69

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: -641.808+/-1111.976 χ^2/NDF:23.7/17

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

Left In: -1035.144+/-1274.168 χ^2/NDF:11.4/15

Left: -811.863+/-837.798 χ^2/NDF: 35.2/33

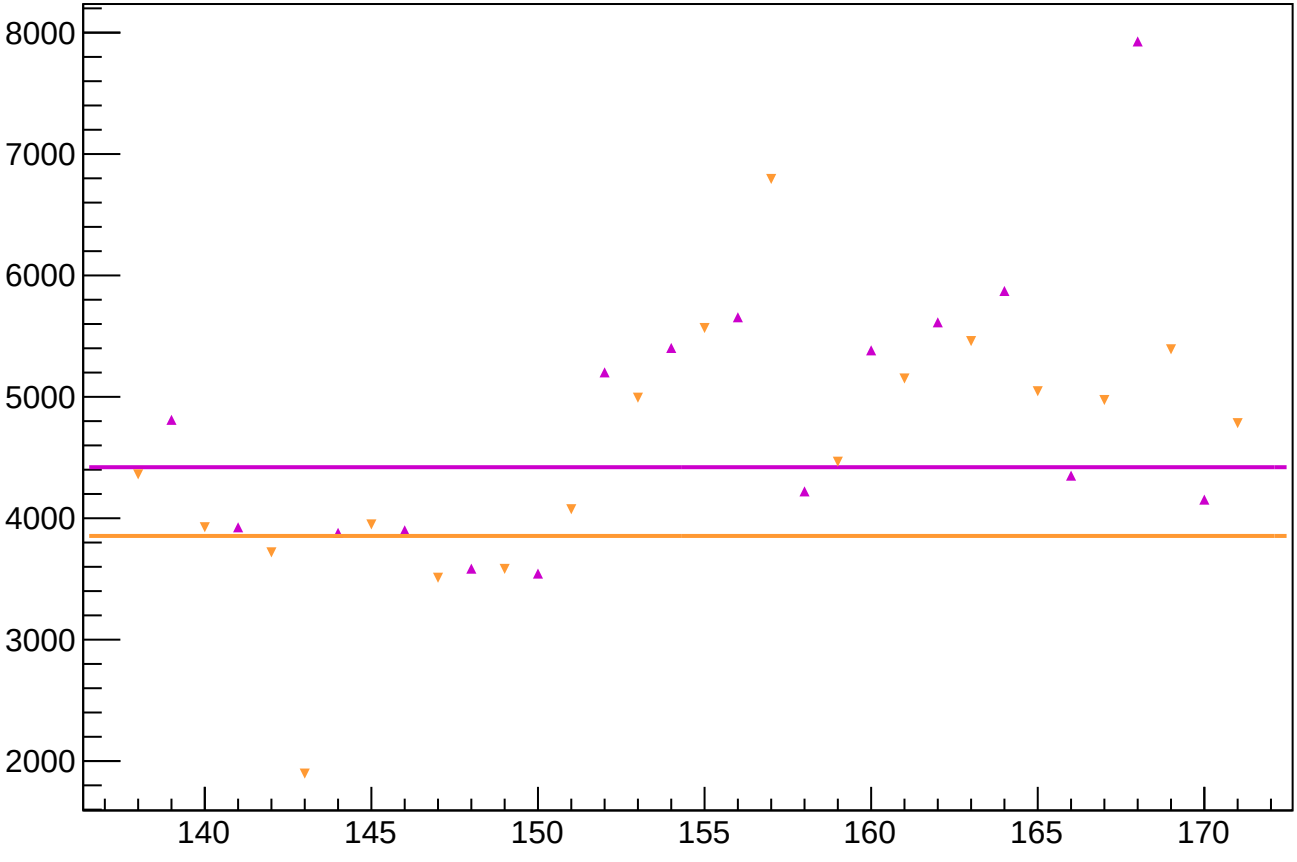
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1035.144+/-1274.168 χ^2/NDF:11.4/15

Out: -641.808+/-1111.976 χ^2/NDF:23.7/17

All: -811.863+/-837.798 χ^2/NDF: 35.2/33

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: 3854.313+/-0.786 χ^2/NDF:2552485.7/17

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

Left In: 4420.539+/-0.901 χ^2/NDF:985199.9/15

Left: 4099.115+/-0.592 χ^2/NDF: 3761890.5/33

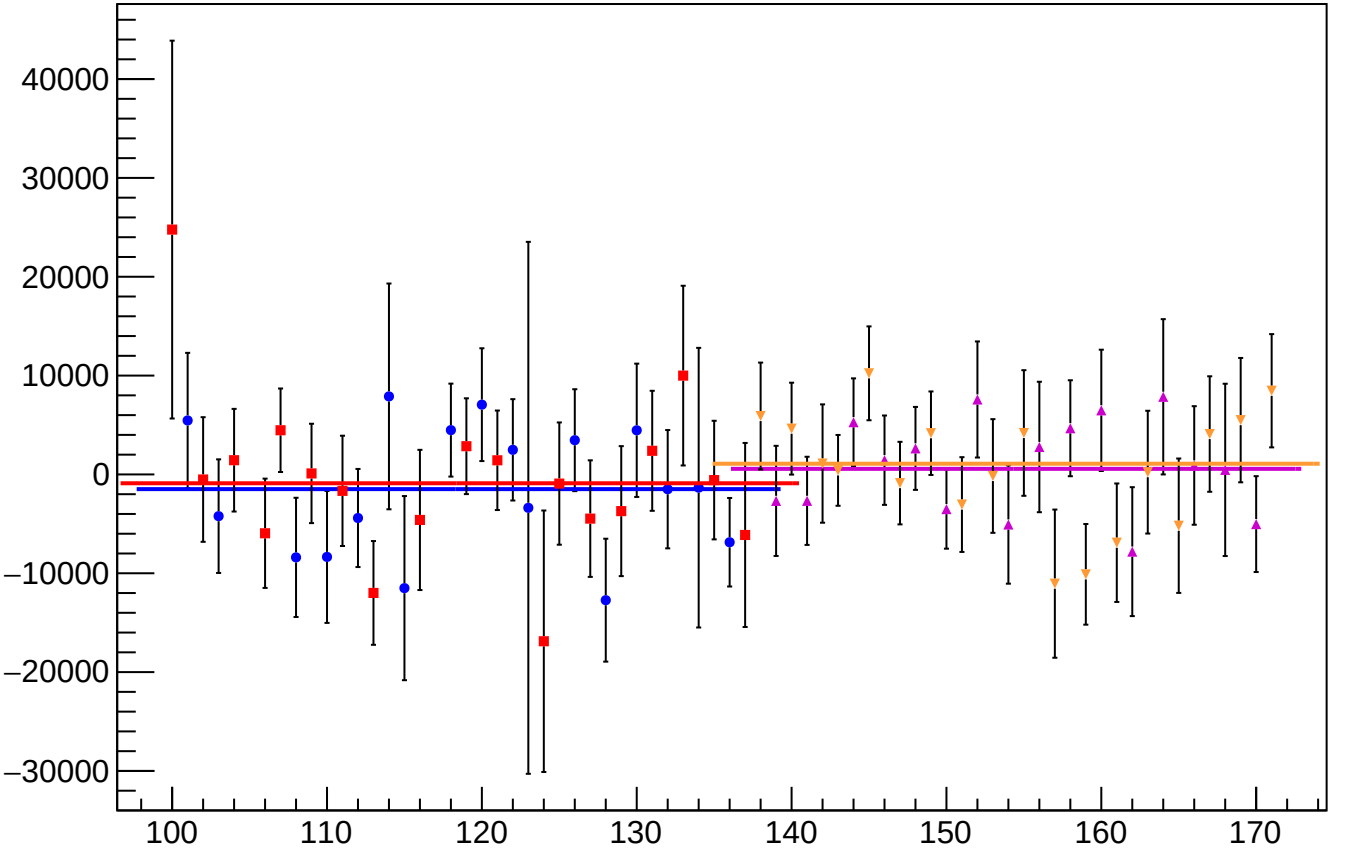
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4420.539+/-0.901 χ^2/NDF:985199.9/15

Out: 3854.313+/-0.786 χ^2/NDF:2552485.7/17

All: 4099.115+/-0.592 χ^2/NDF: 3761890.5/33

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: 1082.679+/-1231.535 χ^2/NDF:19.4/17

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

Left In: 563.725+/-1320.413 χ^2/NDF:11.2/15

Left: 841.254+/-900.610 χ^2/NDF: 30.7/33

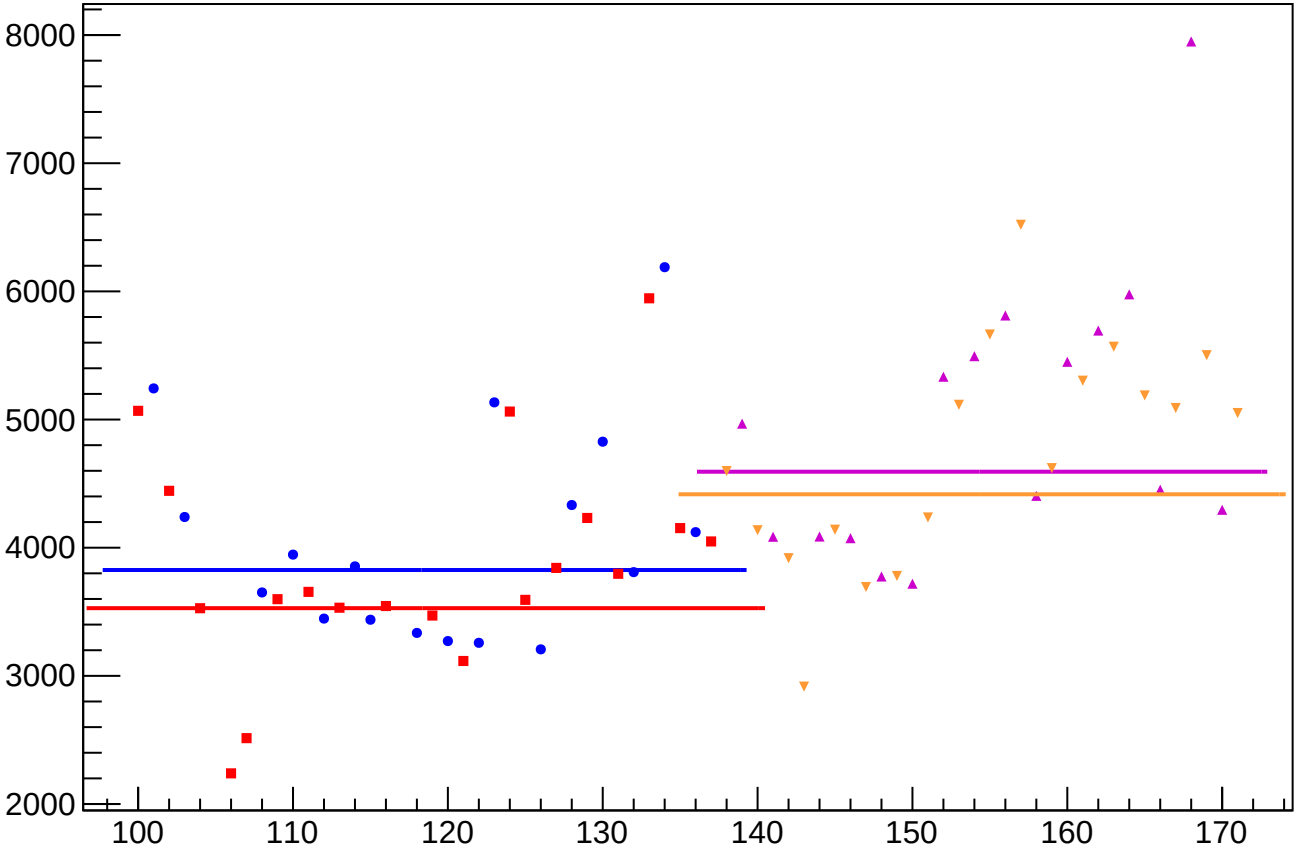
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -332.198+/-990.862 χ^2/NDF:29.0/32

Out: 205.509+/-918.527 χ^2/NDF:34.7/36

All: -43.004+/-673.619 χ^2/NDF: 63.8/69

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: 4416.760+/-0.871 χ^2/NDF:1005449.1/17

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

Left In: 4592.847+/-0.934 χ^2/NDF:870474.1/15

Left: 4498.678+/-0.637 χ^2/NDF: 1894944.5/33

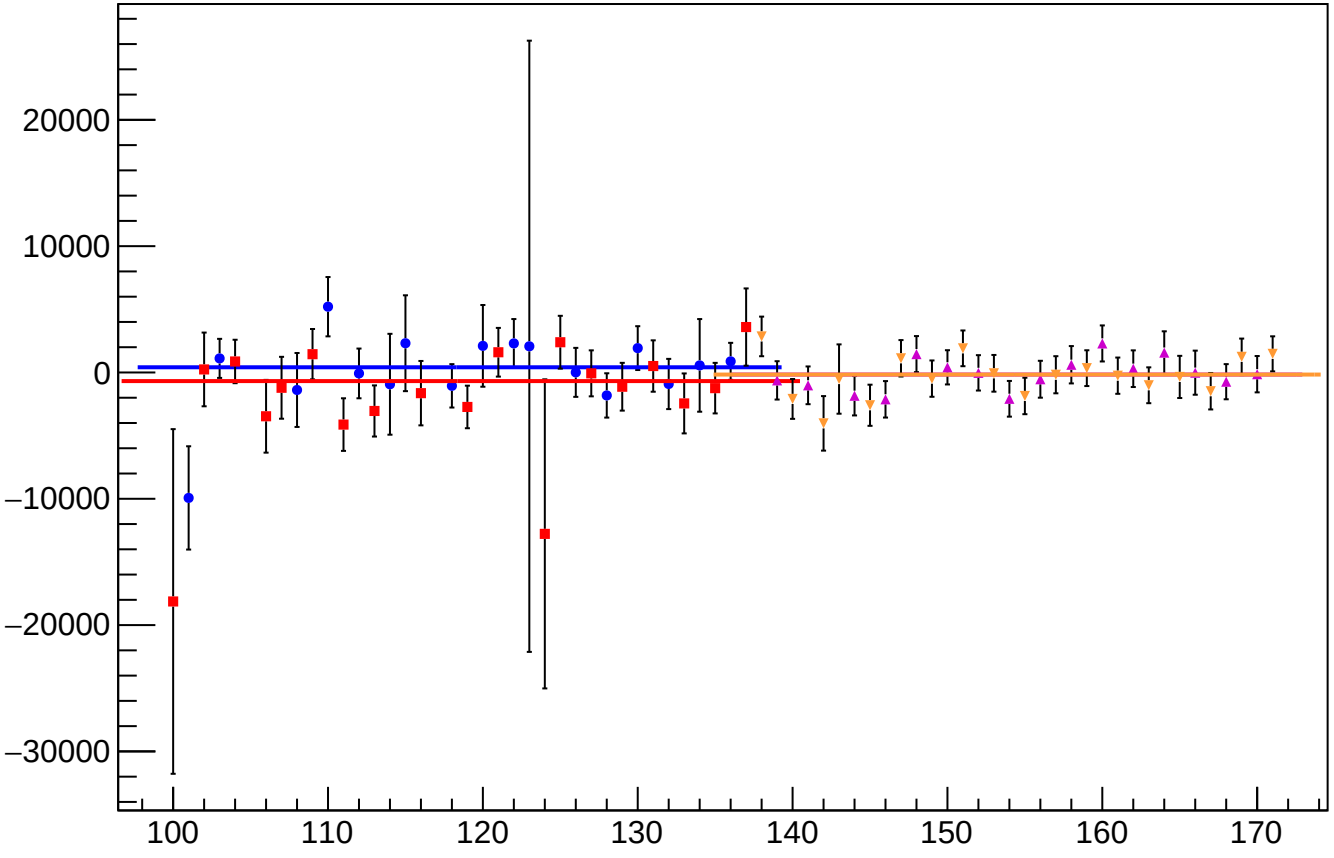
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 4257.754+/-0.701 χ^2/NDF:1499708.8/32

Out: 4018.516+/-0.647 χ^2/NDF:2027446.9/36

All: 4128.602+/-0.475 χ^2/NDF: 3590098.5/69

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: -165.621+/-359.671 χ^2/NDF:18.7/17

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

Left In: -165.628+/-367.841 χ^2/NDF:11.4/15

Left: -165.625+/-257.166 χ^2/NDF: 30.1/33

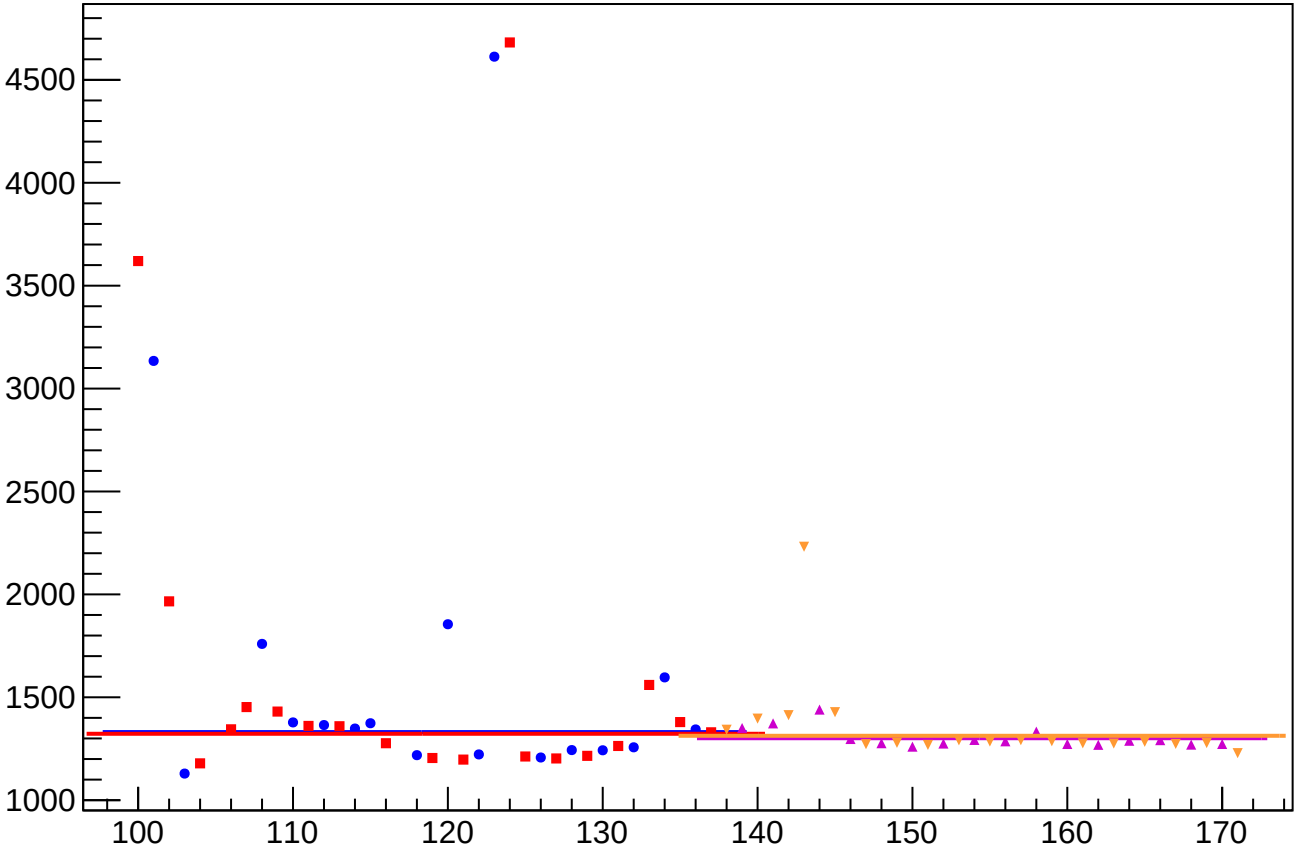
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: 22.935+/-301.815 χ^2/NDF:28.7/32

Out: -337.110+/-293.966 χ^2/NDF:37.4/36

All: -161.830+/-210.586 χ^2/NDF: 66.9/69

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: 1312.957+/-0.254 χ^2/NDF:265056.0/17

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

Left In: 1301.089+/-0.260 χ^2/NDF:30665.2/15

Left: 1307.156+/-0.182 χ^2/NDF: 296785.6/33

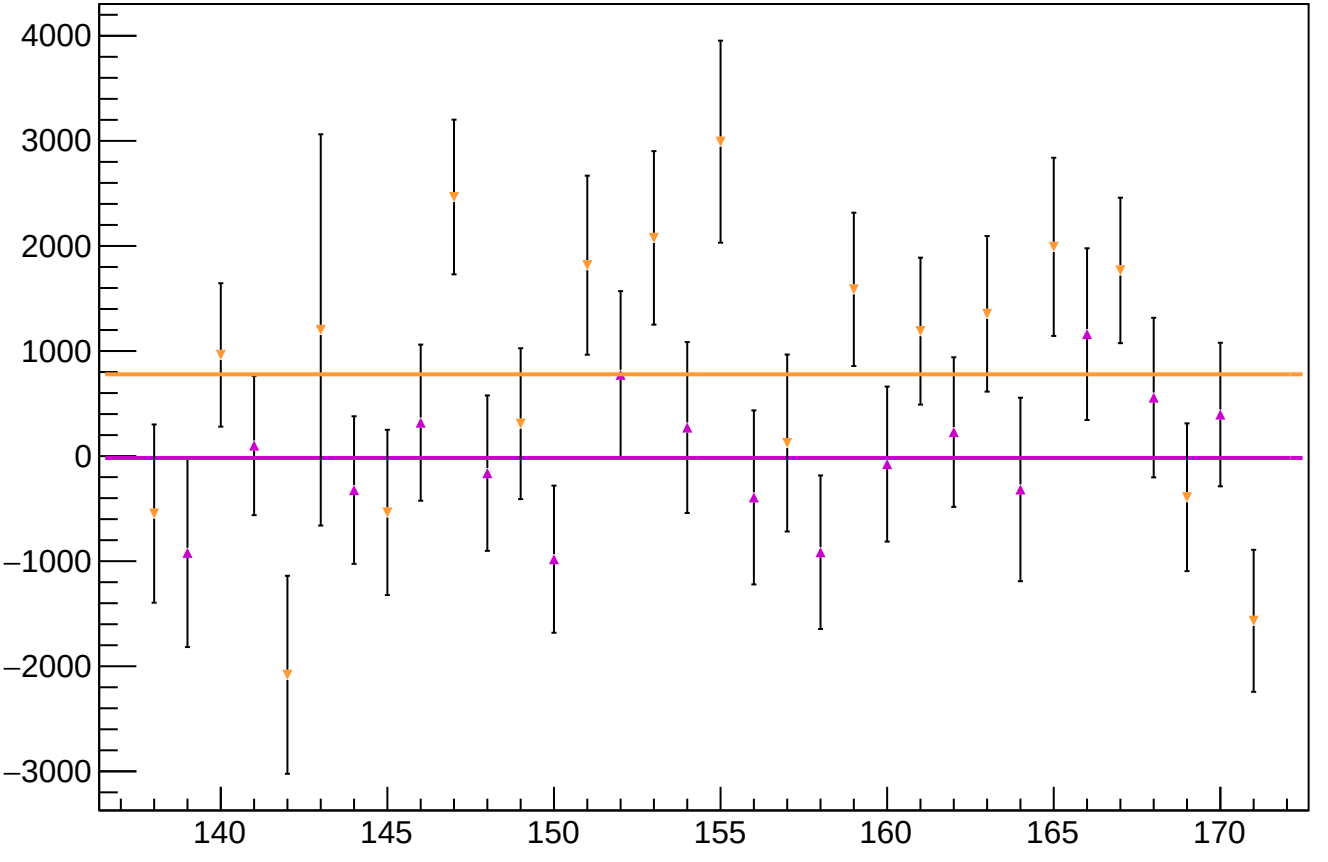
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1310.827+/-0.213 χ^2/NDF:638429.1/32

Out: 1316.193+/-0.208 χ^2/NDF:659957.5/36

All: 1313.581+/-0.149 χ^2/NDF: 1298711.1/69

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: 778.360+/-185.279 χ^2/NDF:51.2/17

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

Left In: -17.724+/-188.499 χ^2/NDF:9.5/15

Left: 387.176+/-132.136 χ^2/NDF: 69.7/33

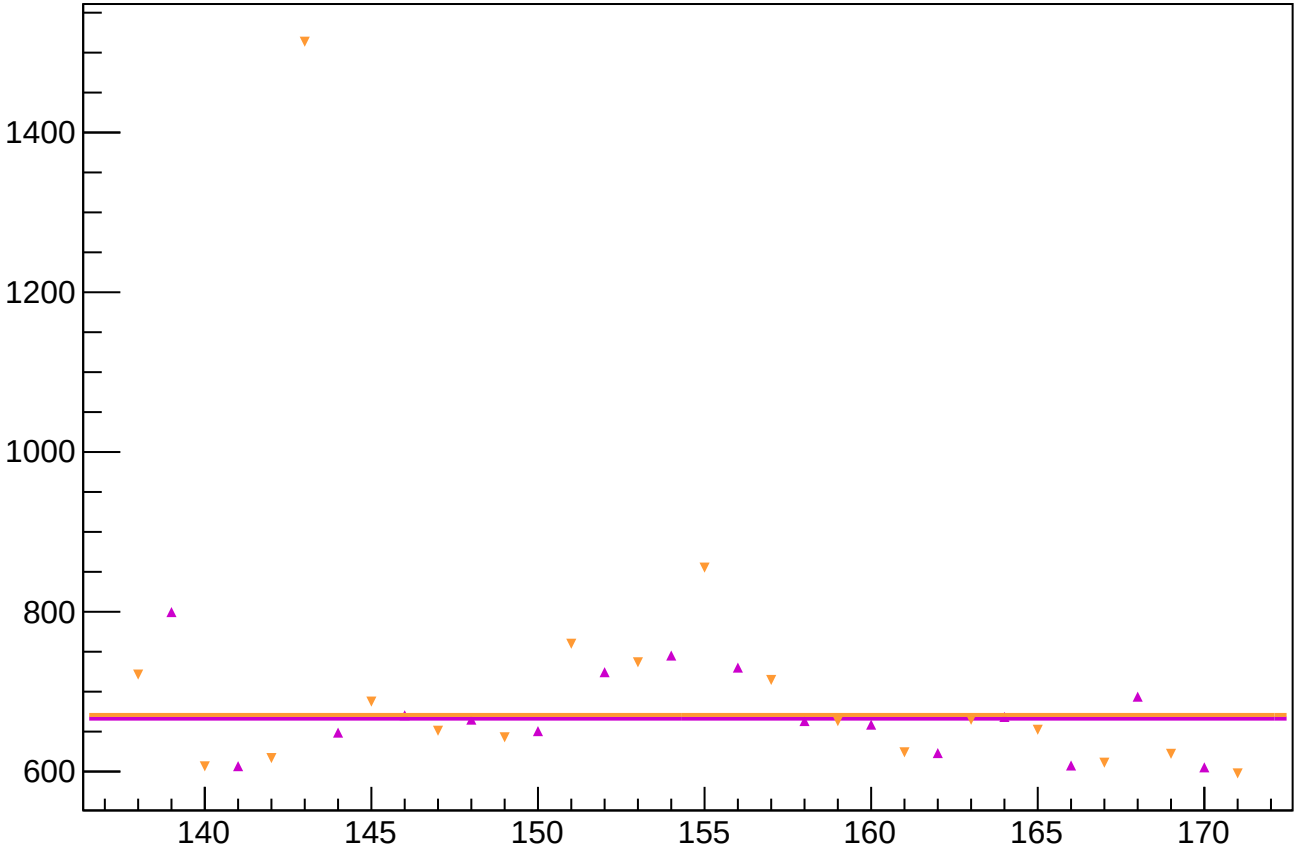
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.724+/-188.499 χ^2/NDF:9.5/15

Out: 778.360+/-185.279 χ^2/NDF:51.2/17

All: 387.176+/-132.136 χ^2/NDF: 69.7/33

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: 670.863+/-0.131 χ^2/NDF:618670.2/17

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

Left In: 666.249+/-0.133 χ^2/NDF:140574.2/15

Left: 668.596+/-0.093 χ^2/NDF: 759853.8/33

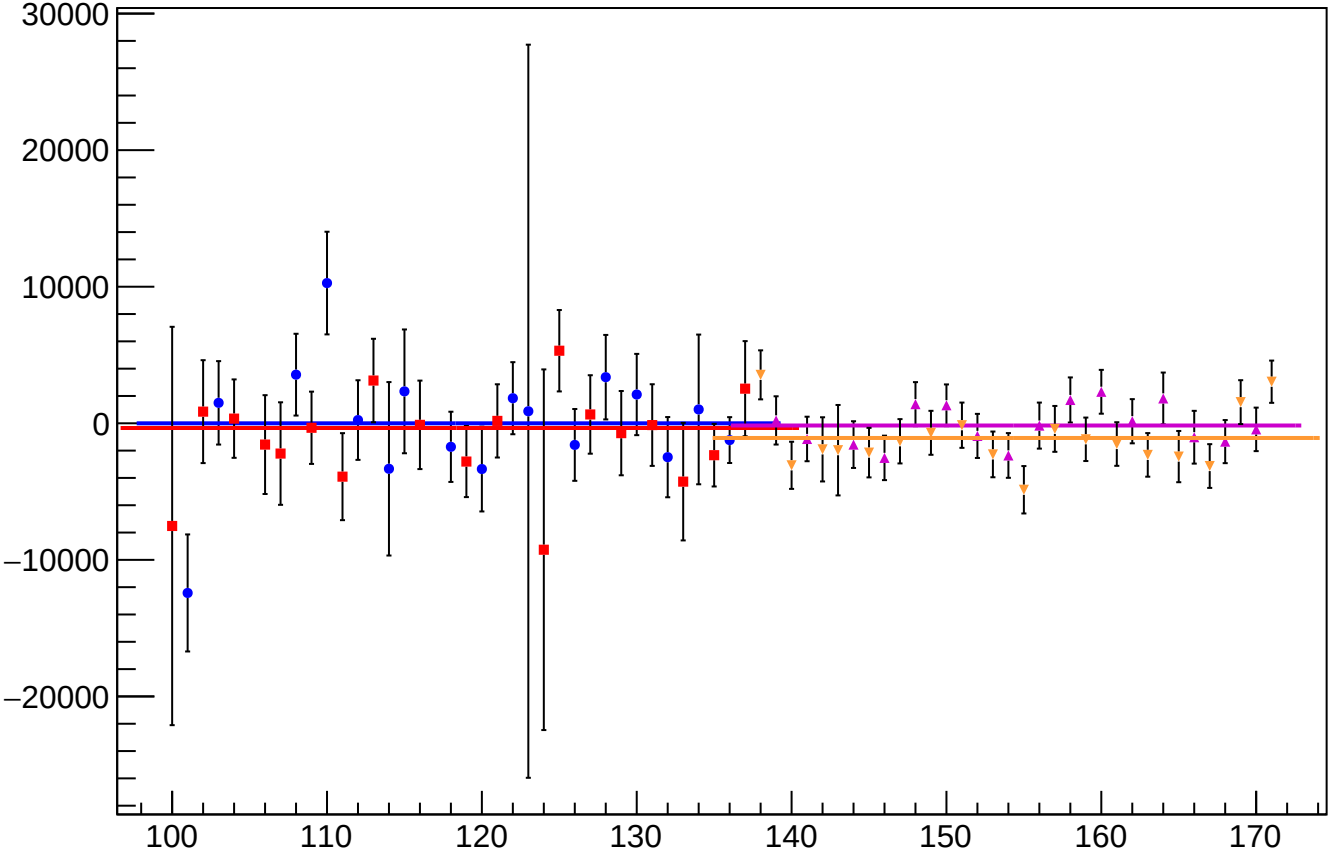
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 666.249+/-0.133 χ^2/NDF:140574.2/15

Out: 670.863+/-0.131 χ^2/NDF:618670.2/17

All: 668.596+/-0.093 χ^2/NDF: 759853.8/33

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: -1075.177+/-406.364 χ^2/NDF:27.0/17

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

Left In: -162.068+/-414.588 χ^2/NDF:12.7/15

Left: -627.769+/-290.206 χ^2/NDF: 42.1/33

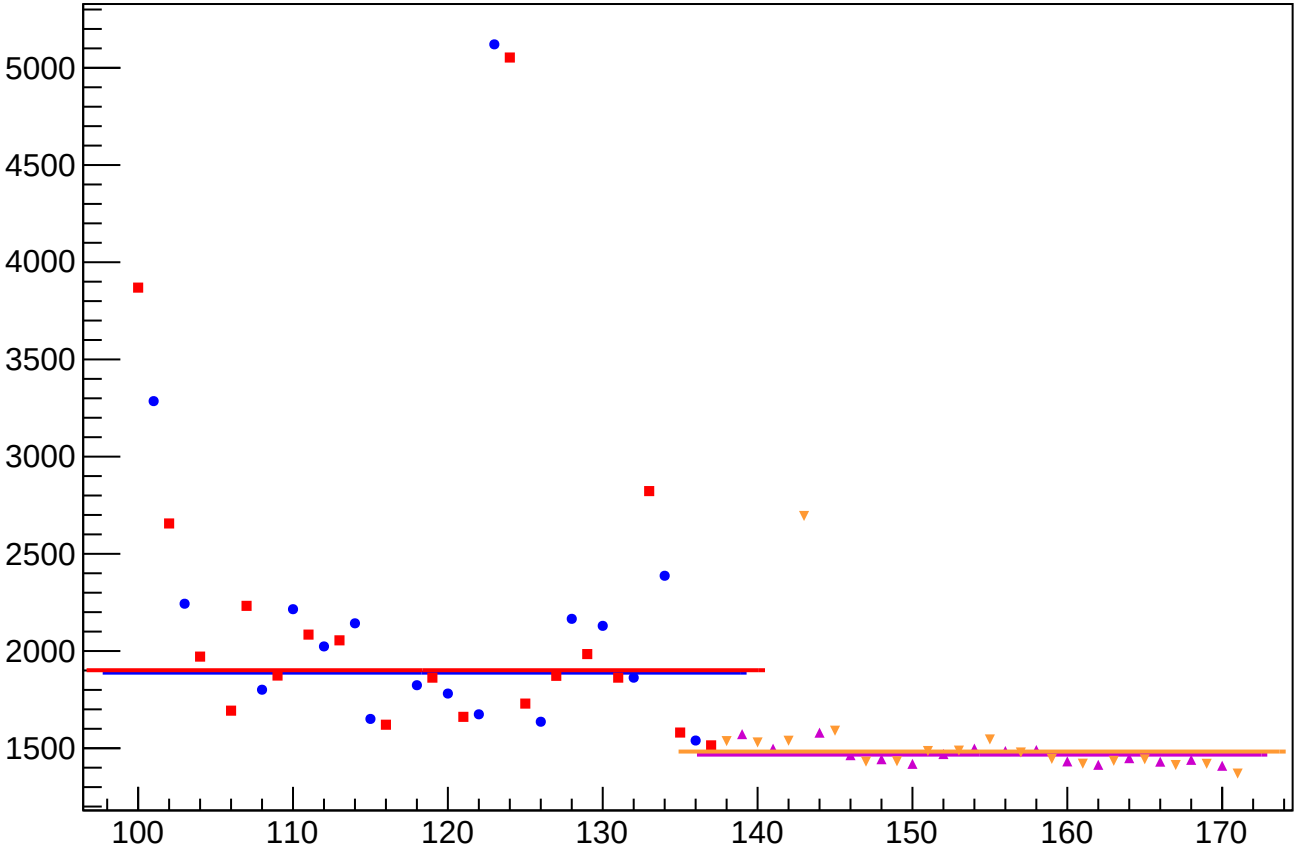
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -124.272+/-362.278 χ^2/NDF:36.2/32

Out: -903.814+/-355.485 χ^2/NDF:38.5/36

All: -521.420+/-253.733 χ^2/NDF: 77.0/69

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: 1482.877+/-0.287 χ^2/NDF:310312.2/17

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

Left In: 1467.138+/-0.293 χ^2/NDF:27372.3/15

Left: 1475.165+/-0.205 χ^2/NDF: 339154.5/33

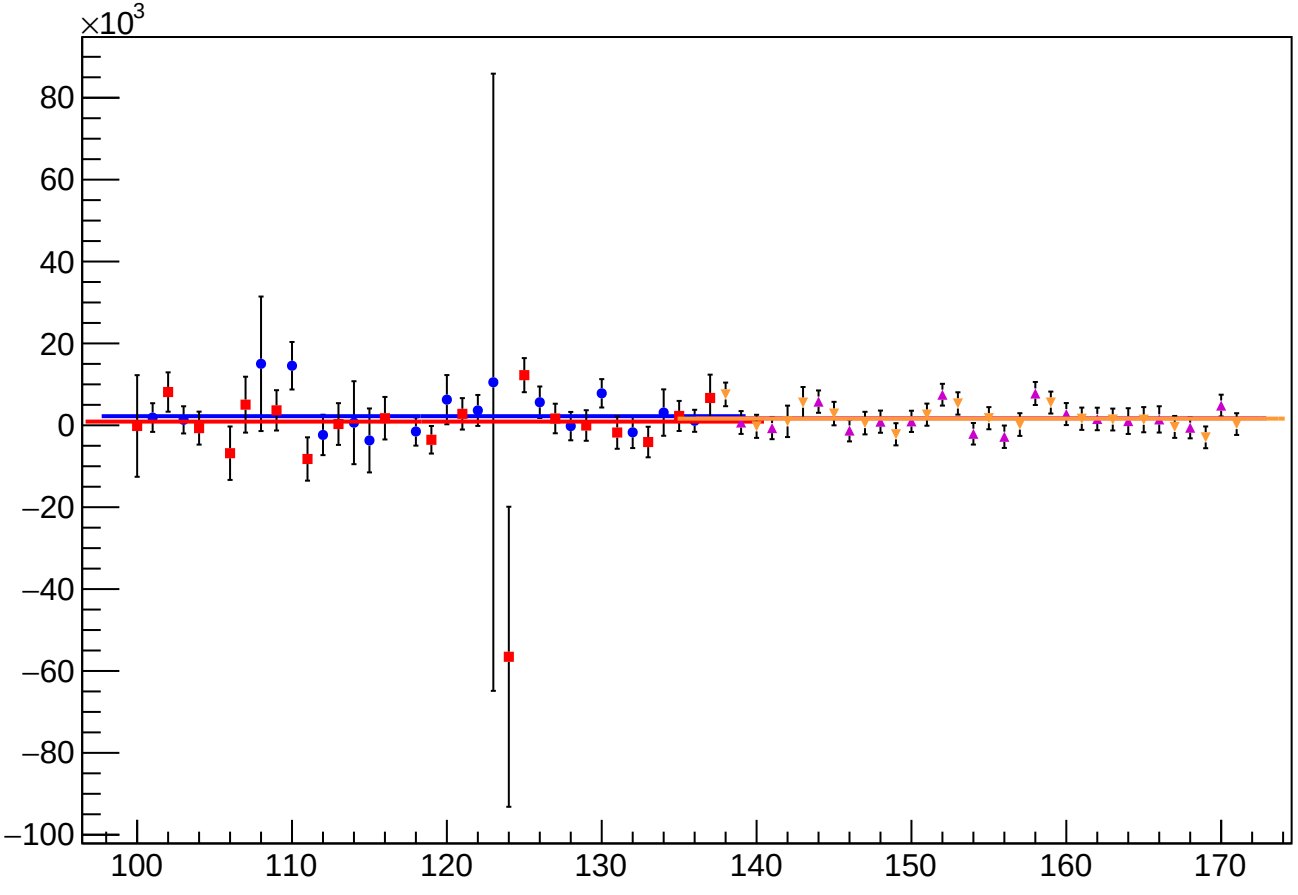
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1566.834+/-0.256 χ^2/NDF:982374.6/32

Out: 1581.085+/-0.251 χ^2/NDF:1269372.1/36

All: 1574.095+/-0.179 χ^2/NDF: 2253323.4/69

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1634.730+/-666.102 χ^2/NDF:16.3/17

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

Left In: 1715.357+/-685.259 χ^2/NDF:21.0/15

Left: 1673.901+/-477.634 χ^2/NDF: 37.3/33

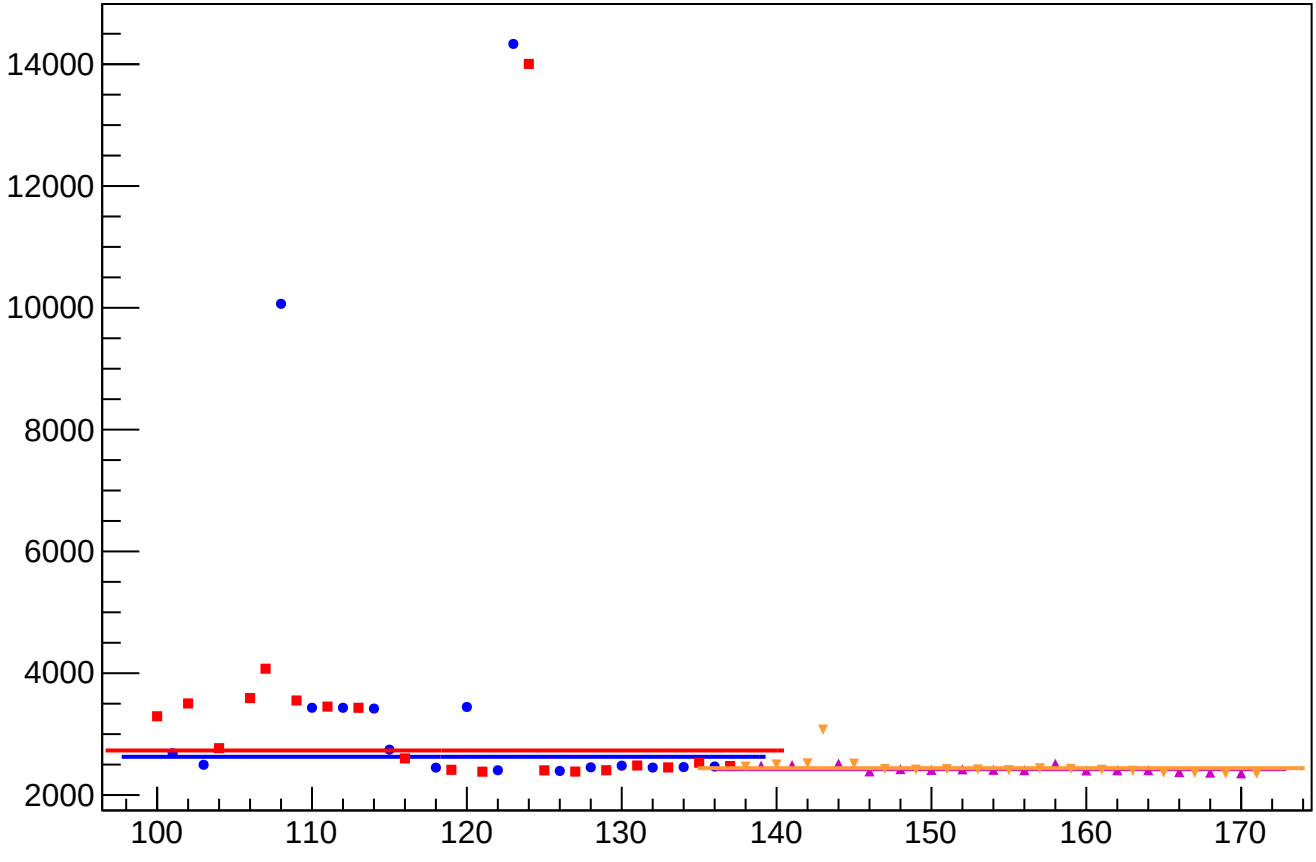
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1870.548+/-572.093 χ^2/NDF:34.8/32

Out: 1425.256+/-561.987 χ^2/NDF:39.5/36

All: 1643.934+/-400.910 χ^2/NDF: 74.6/69

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2440.752+/-0.471 χ^2/NDF:66877.8/17

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

Left In: 2424.840+/-0.485 χ^2/NDF:10005.4/15

Left: 2433.021+/-0.338 χ^2/NDF: 77437.7/33

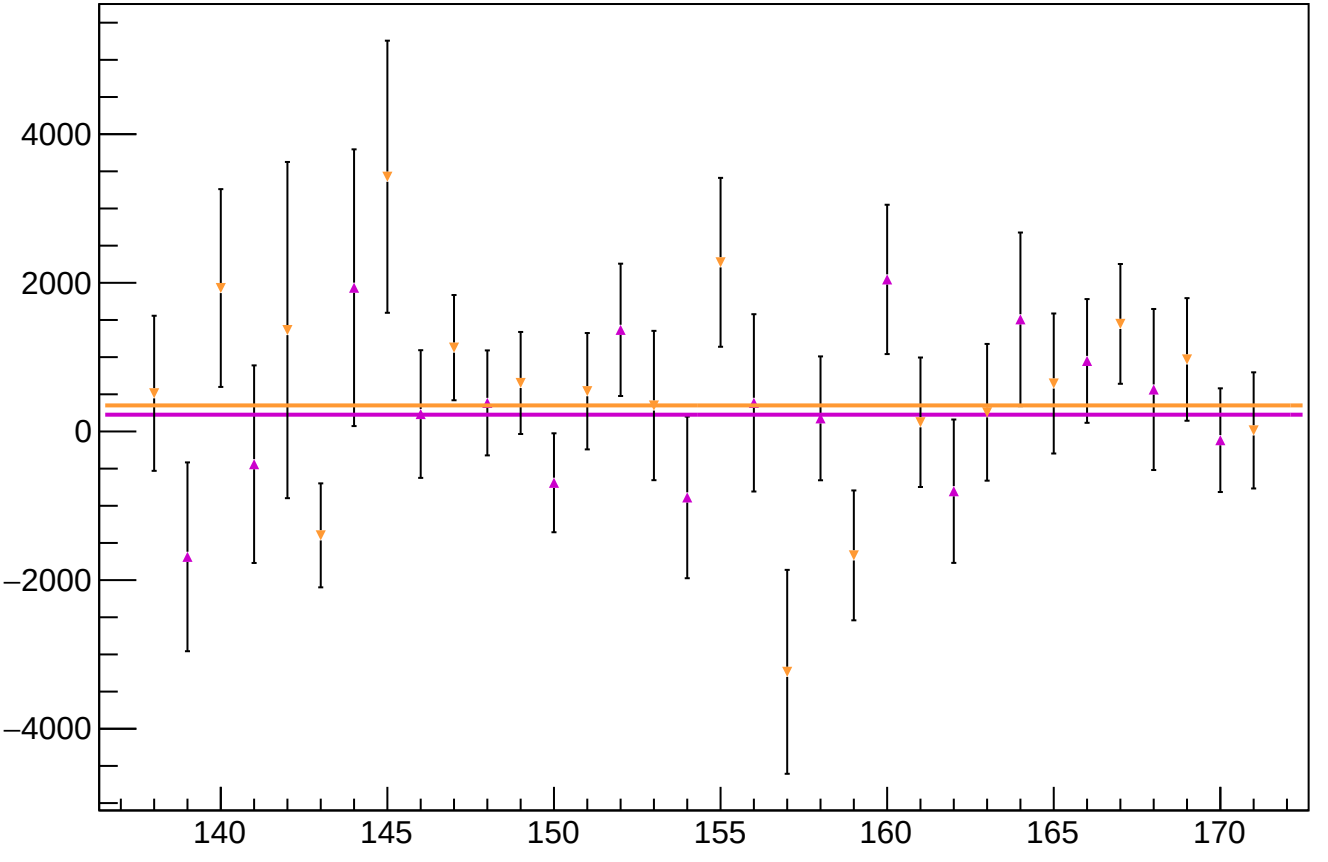
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2486.270+/-0.405 χ^2/NDF:707444.1/32

Out: 2524.473+/-0.397 χ^2/NDF:774722.7/36

All: 2505.712+/-0.283 χ^2/NDF: 1486705.6/69

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 350.566+/-214.918 χ^2/NDF:30.0/17

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

Left In: 225.665+/-232.558 χ^2/NDF:14.7/15

Left: 293.032+/-157.838 χ^2/NDF: 44.9/33

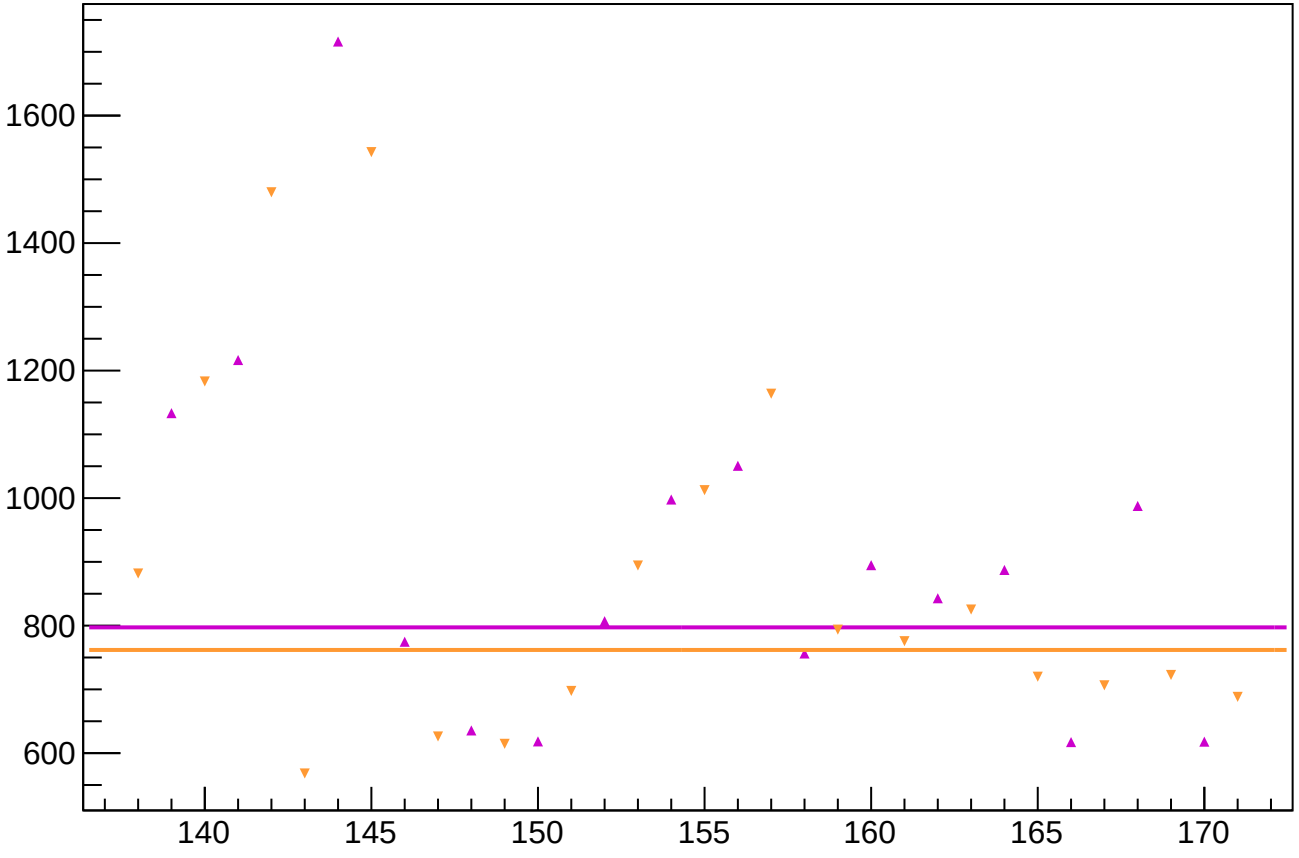
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 225.665+/-232.558 χ^2/NDF:14.7/15

Out: 350.566+/-214.918 χ^2/NDF:30.0/17

All: 293.032+/-157.838 χ^2/NDF: 44.9/33

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 761.836+/-0.152 χ^2/NDF:1476566.6/17

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

Left In: 797.256+/-0.164 χ^2/NDF:1562638.3/15

Left: 778.152+/-0.112 χ^2/NDF: 3064227.8/33

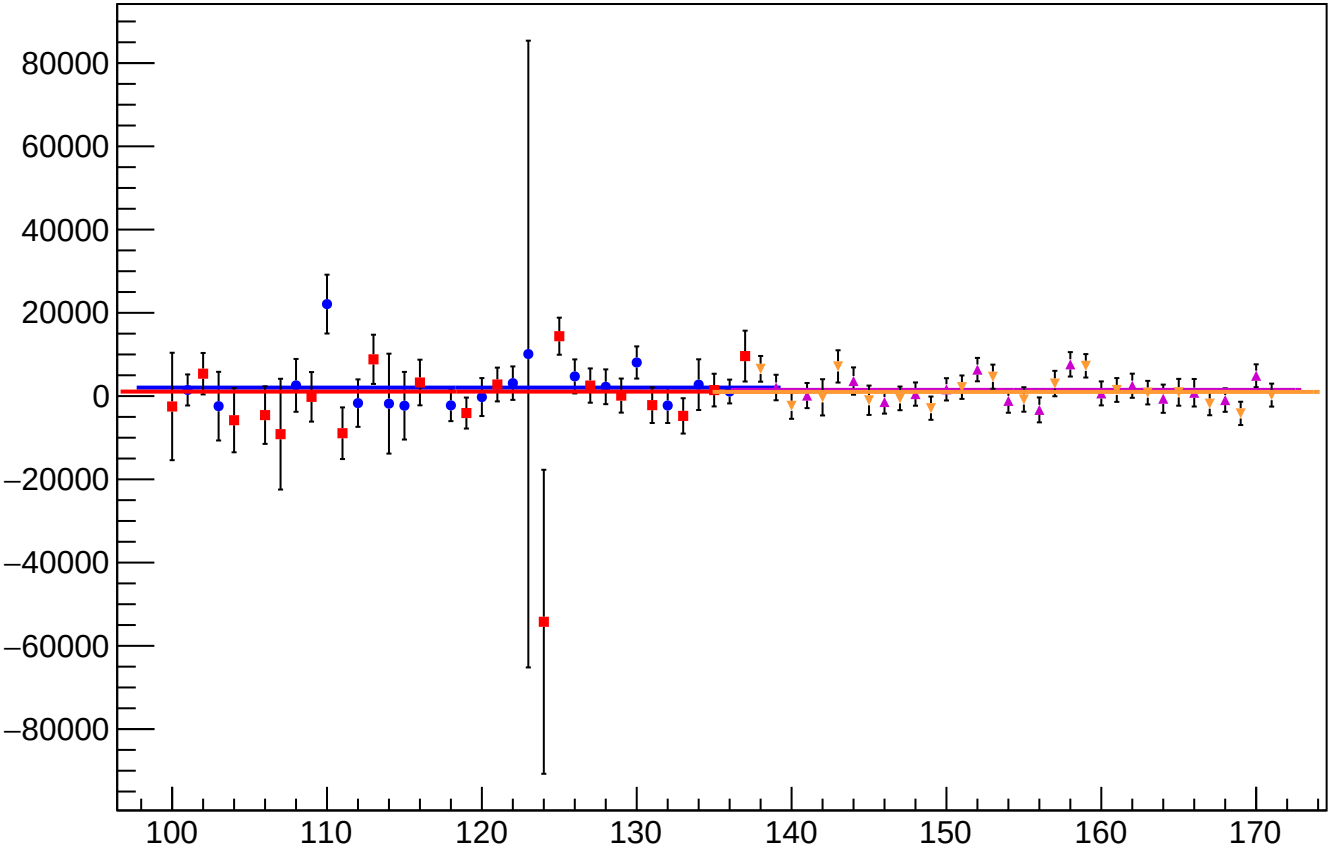
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 797.256+/-0.164 χ^2/NDF:1562638.3/15

Out: 761.836+/-0.152 χ^2/NDF:1476566.6/17

All: 778.152+/-0.112 χ^2/NDF: 3064227.8/33

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1002.658+/-710.138 χ^2/NDF:21.6/17

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

Left In: 1492.671+/-733.316 χ^2/NDF:15.6/15

Left: 1239.799+/-510.141 χ^2/NDF: 37.4/33

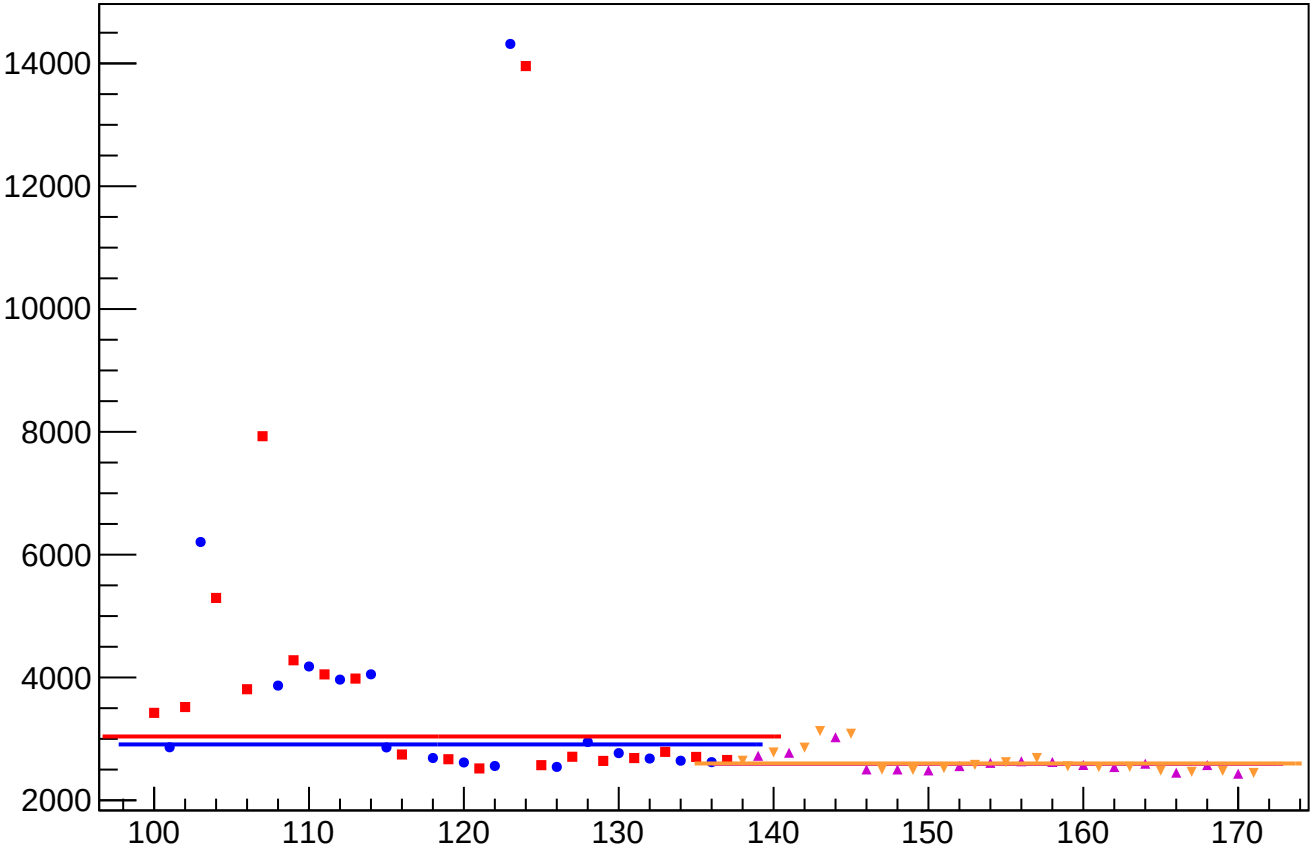
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1649.979+/-618.526 χ^2/NDF:30.6/32

Out: 1023.085+/-609.360 χ^2/NDF:46.9/36

All: 1331.853+/-434.087 χ^2/NDF: 78.0/69

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2599.320+/-0.502 χ^2/NDF:116847.1/17

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2591.750+/-0.519 χ^2/NDF:65696.5/15

Left: 2595.656+/-0.361 χ^2/NDF: 182653.5/33

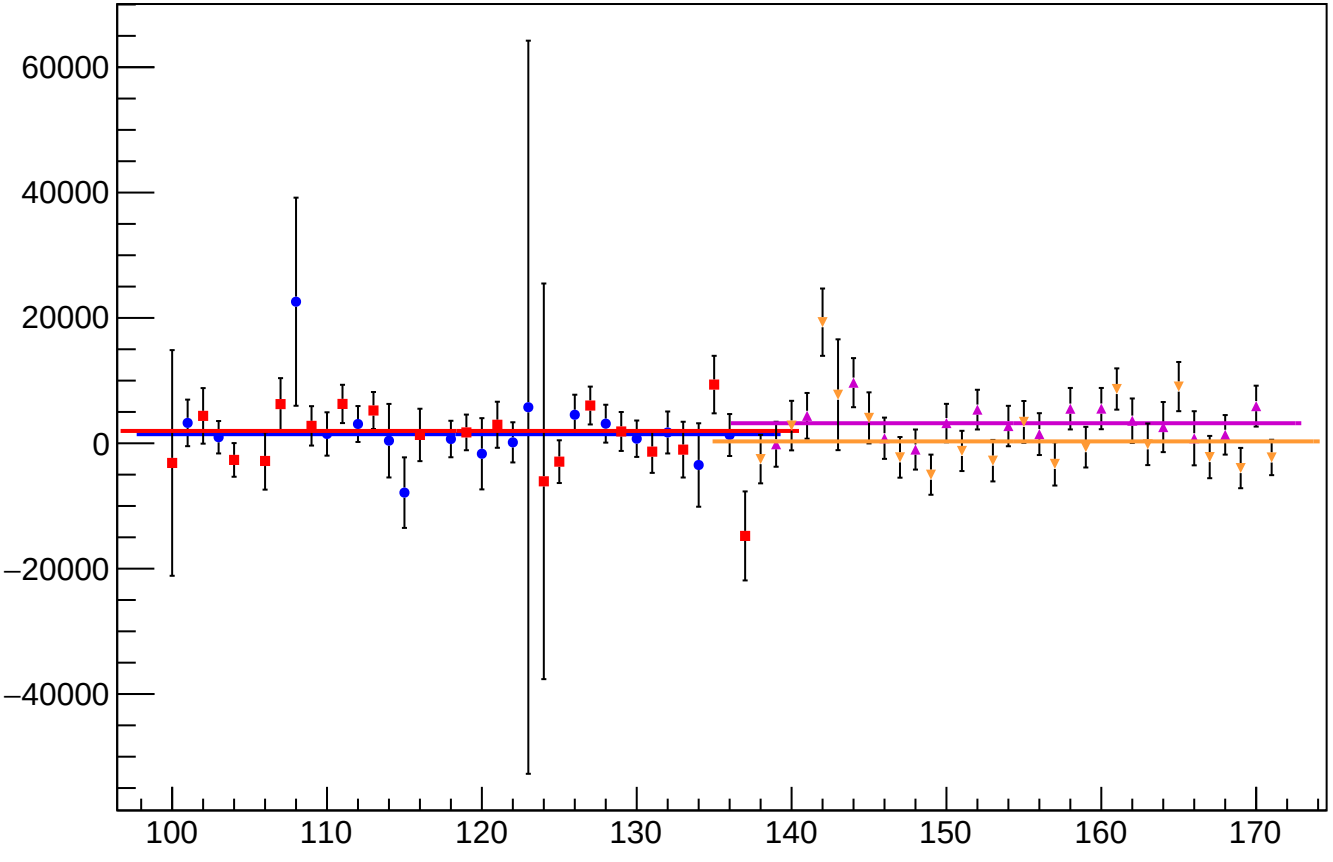
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2683.510+/-0.437 χ^2/NDF:816109.5/32

Out: 2715.289+/-0.431 χ^2/NDF:1330428.1/36

All: 2699.637+/-0.307 χ^2/NDF: 2149216.9/69

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 303.018+/-831.427 χ^2/NDF:36.1/17

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 3201.833+/-853.018 χ^2/NDF:9.1/15

Left: 1715.275+/-595.395 χ^2/NDF: 51.1/33

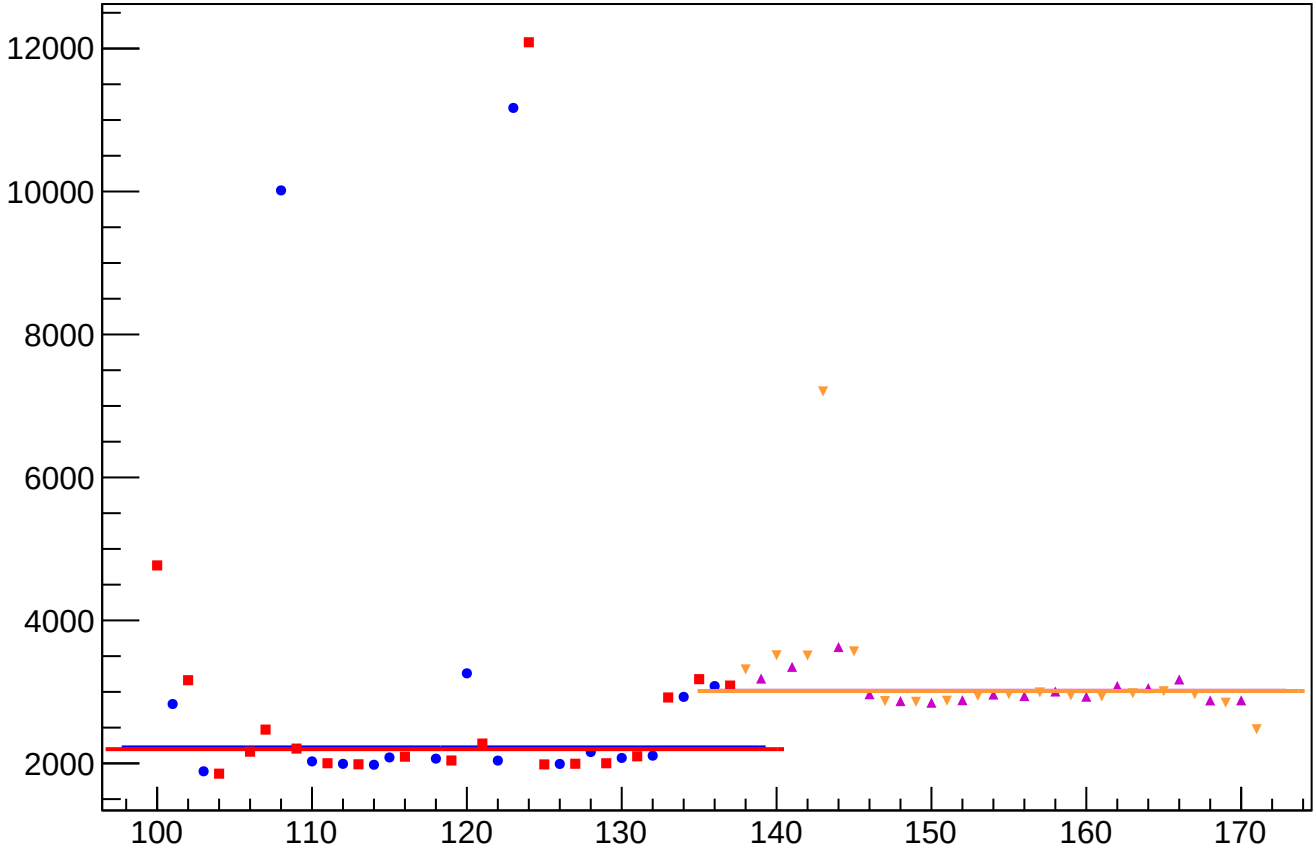
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 2363.043+/-615.505 χ^2/NDF:18.5/32

Out: 1117.218+/-594.533 χ^2/NDF:60.4/36

All: 1718.545+/-427.620 χ^2/NDF: 81.1/69

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3012.266+/-0.588 χ^2/NDF:640041.8/17

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3014.871+/-0.603 χ^2/NDF:97428.5/15

Left: 3013.535+/-0.421 χ^2/NDF: 737479.9/33

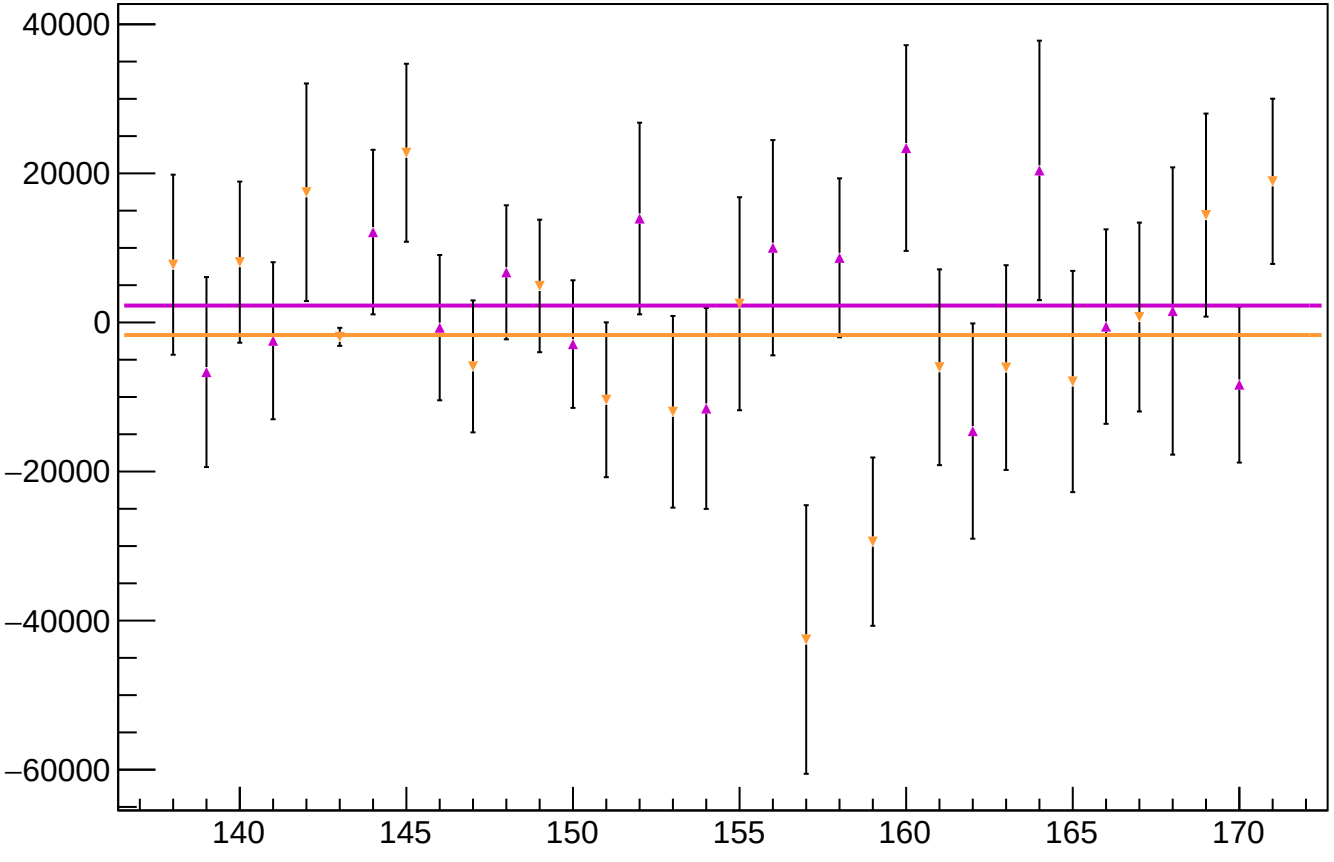
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2635.352+/-0.435 χ^2/NDF:1773622.5/32

Out: 2614.437+/-0.420 χ^2/NDF:2178809.5/36

All: 2624.528+/-0.302 χ^2/NDF: 3953627.0/69

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1688.234+/-1115.545 χ^2/NDF:26.0/17

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

Left In: 2265.291+/-2934.635 χ^2/NDF:10.6/15

Left: -1189.079+/-1042.748 χ^2/NDF: 38.2/33

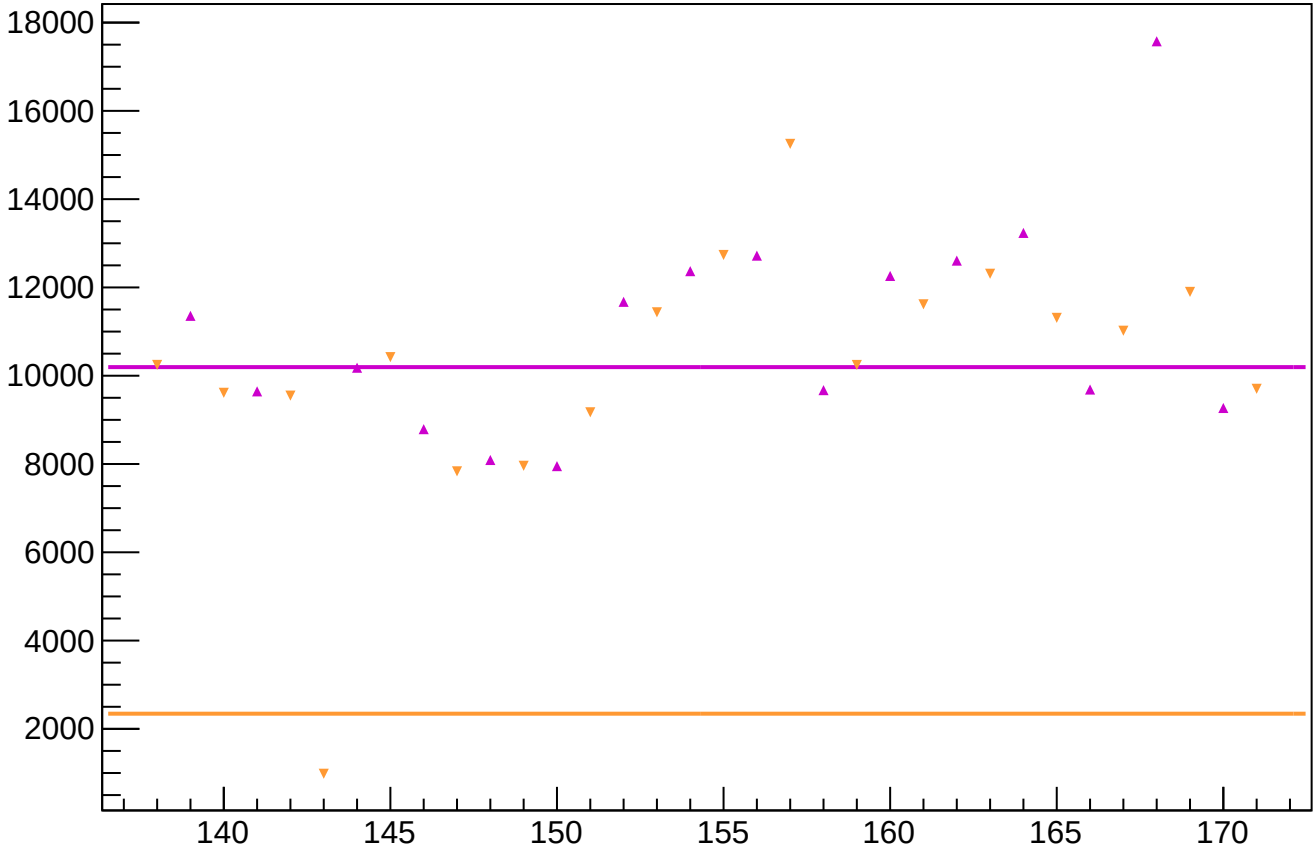
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2265.291+/-2934.635 χ^2/NDF:10.6/15

Out: -1688.234+/-1115.545 χ^2/NDF:26.0/17

All: -1189.079+/-1042.748 χ^2/NDF: 38.2/33

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2343.667+/-0.789 χ^2/NDF:17776005.3/17

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

Left In: 10195.001+/-2.075 χ^2/NDF:928682.9/15

Left: 3334.942+/-0.737 χ^2/NDF: 31212835.0/33

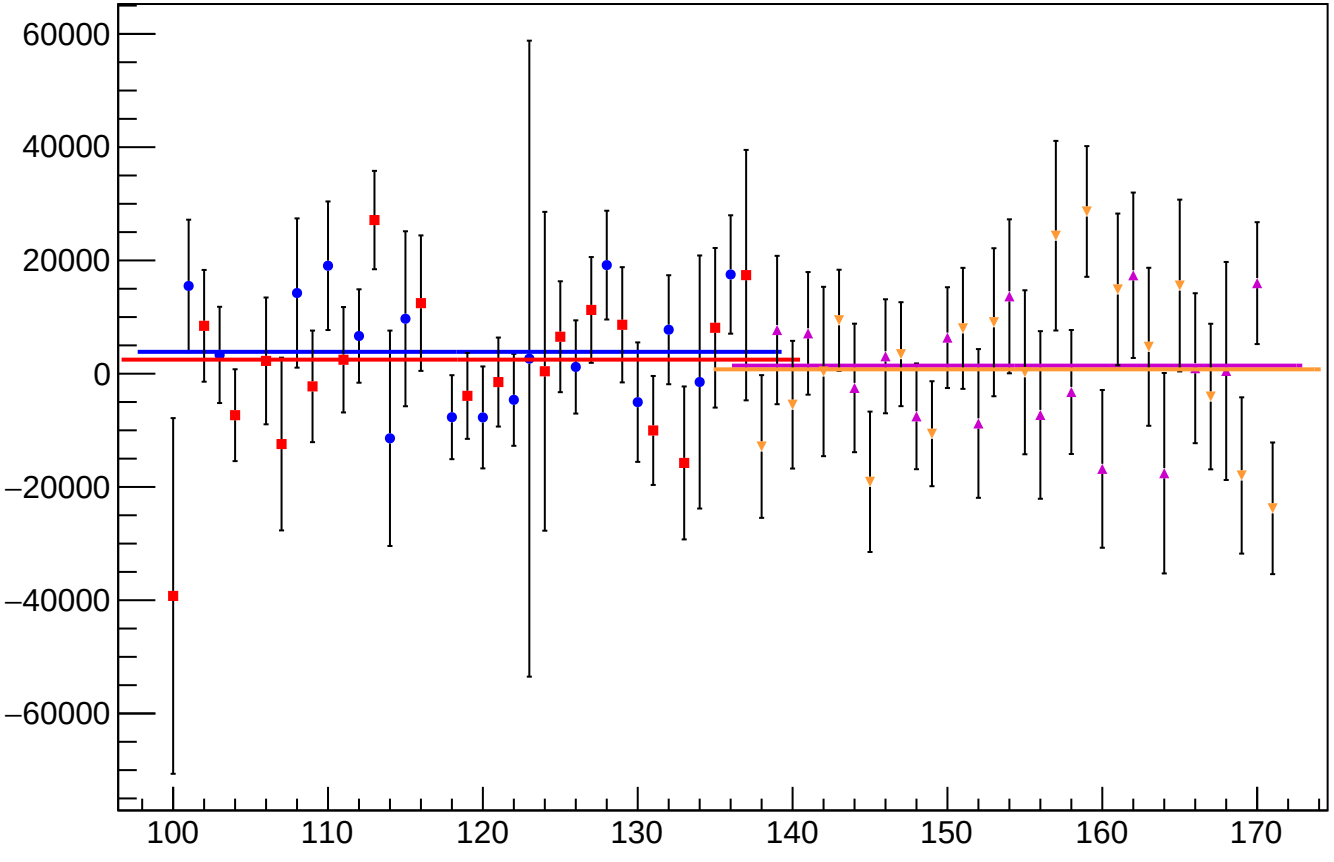
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10195.001+/-2.075 χ^2/NDF:928682.9/15

Out: 2343.667+/-0.789 χ^2/NDF:17776005.3/17

All: 3334.942+/-0.737 χ^2/NDF: 31212835.0/3

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 767.826+/-2823.405 χ^2/NDF:23.8/17

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 1423.671+/-3011.386 χ^2/NDF:9.7/15

Left: 1074.641+/-2059.700 χ^2/NDF: 33.6/33

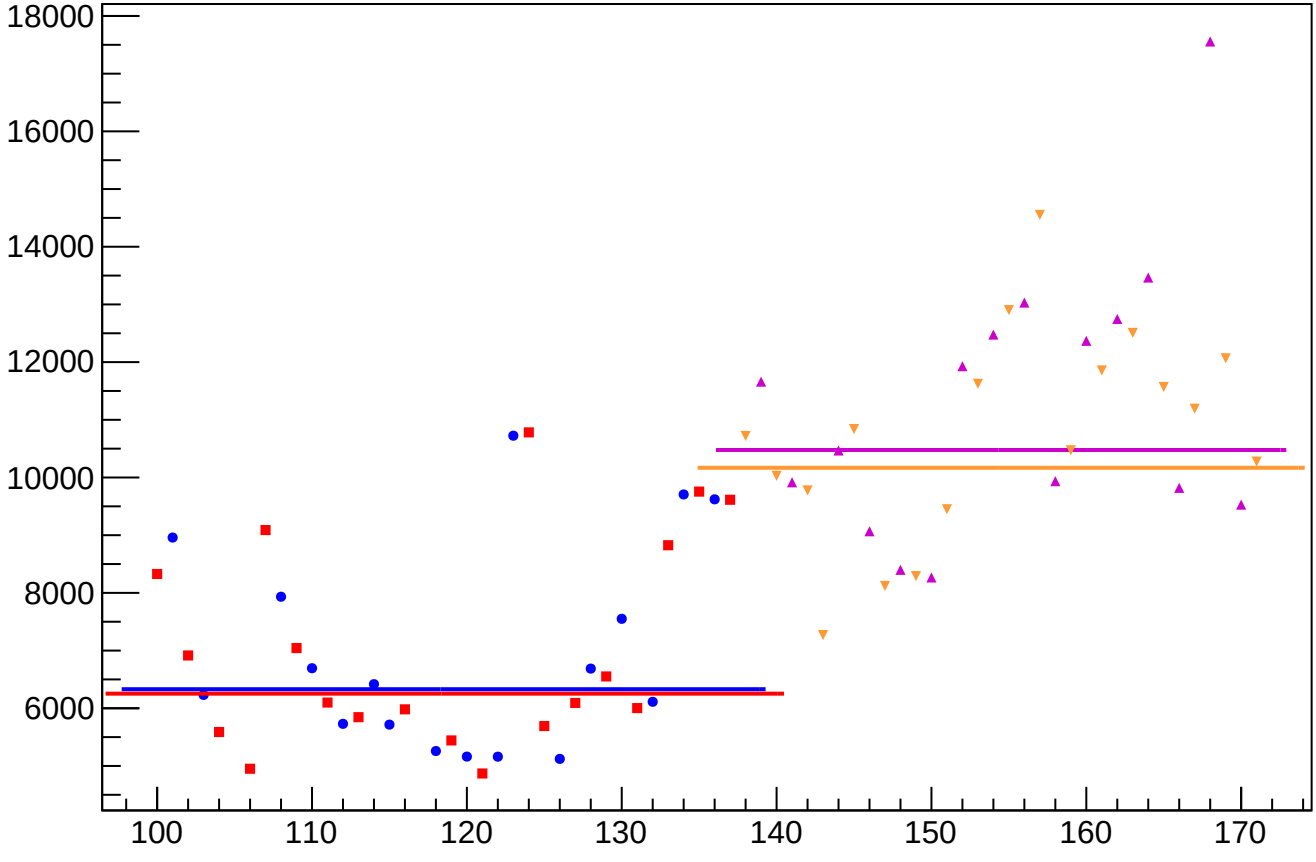
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 2861.757+/-1927.522 χ^2/NDF:24.9/32

Out: 1756.098+/-1837.994 χ^2/NDF:44.1/36

All: 2282.654+/-1330.182 χ^2/NDF: 69.1/69

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 10168.521+/-1.996 χ^2/NDF:803558.0/17

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10476.733+/-2.129 χ^2/NDF:848647.4/15

Left: 10312.707+/-1.456 χ^2/NDF: 1663355.0/33

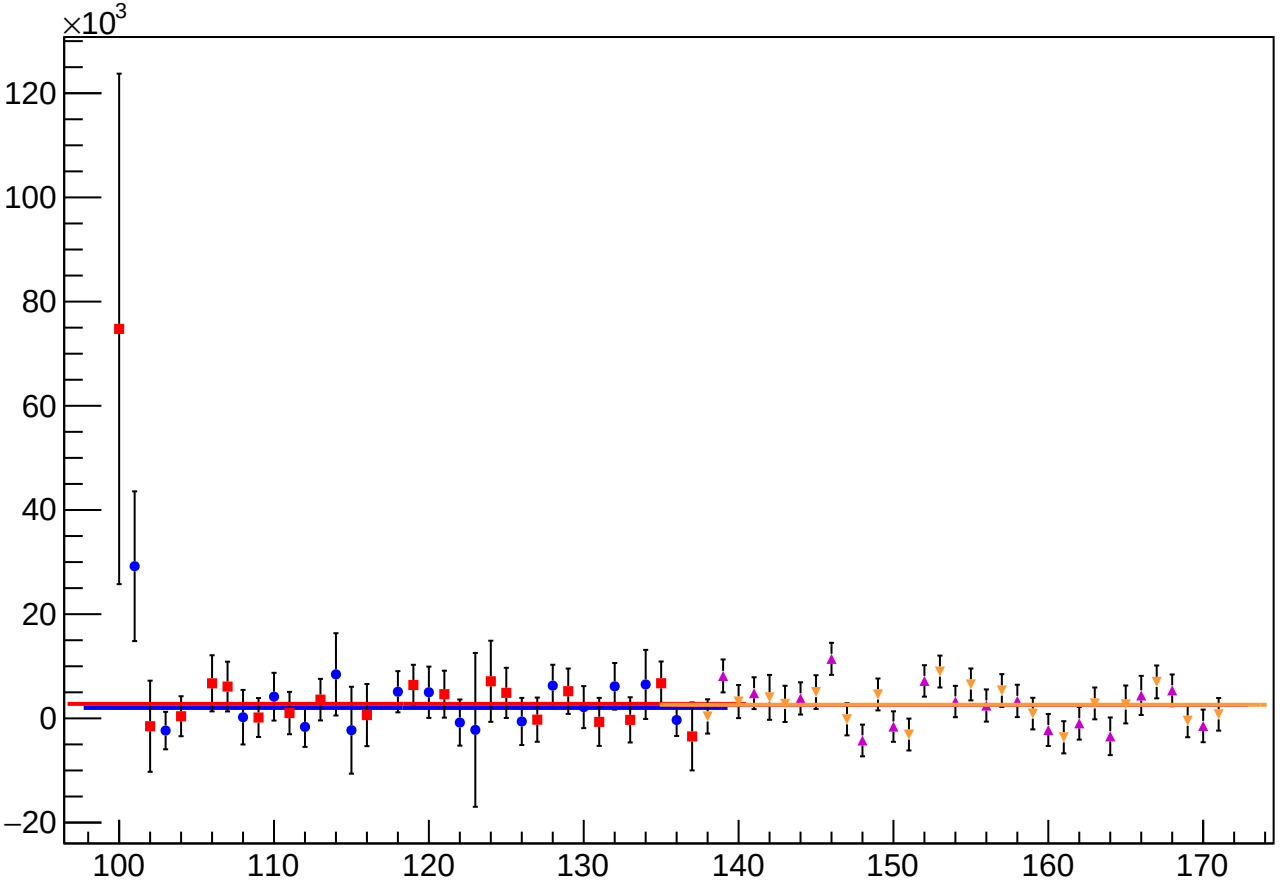
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 8029.079+/-1.363 χ^2/NDF:3680366.3/32

Out: 7912.427+/-1.300 χ^2/NDF:3555036.2/36

All: 7967.979+/-0.941 χ^2/NDF: 7239239.3/69

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2613.759+/-755.053 χ^2/NDF:20.2/17

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 2562.728+/-781.894 χ^2/NDF:30.8/15

Left: 2589.134+/-543.144 χ^2/NDF: 51.0/33

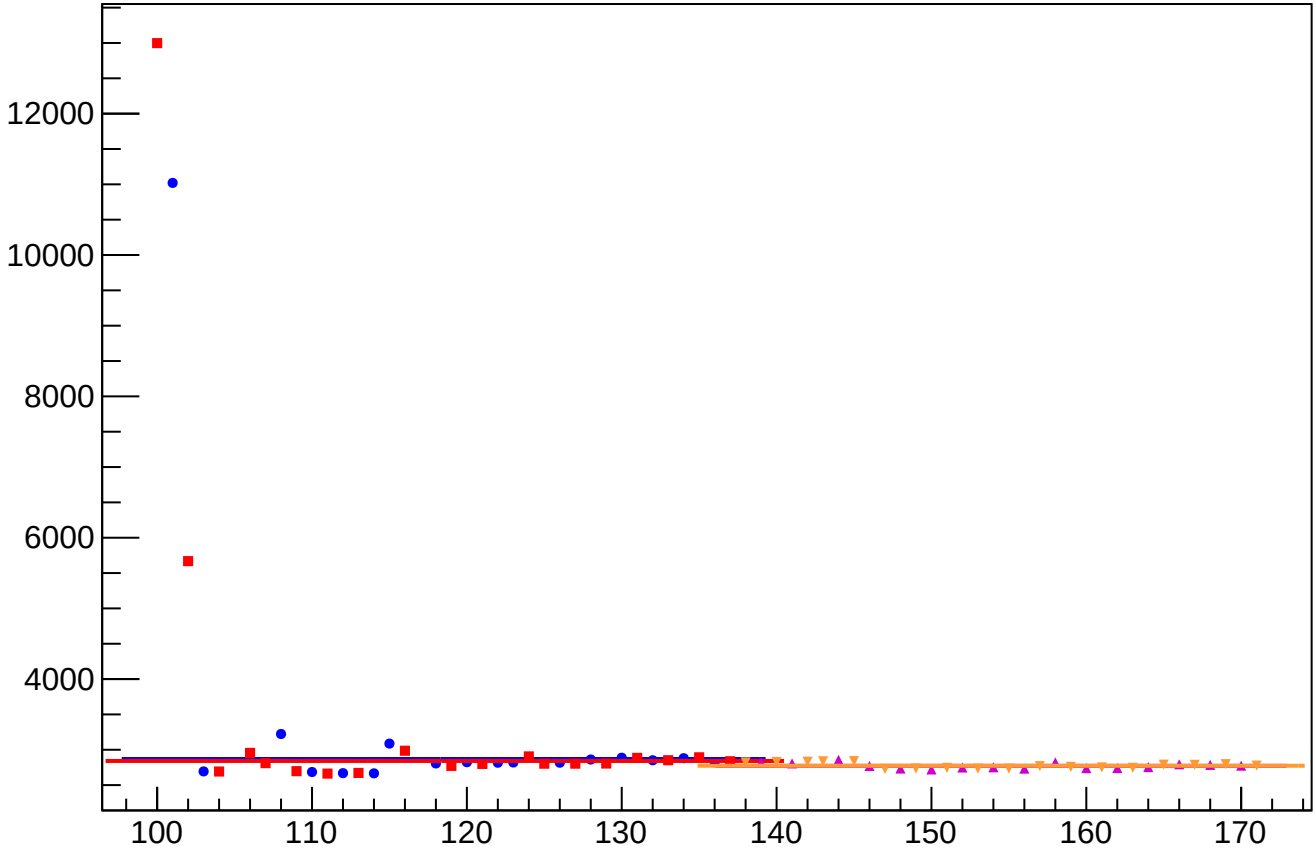
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 2383.190+/-643.755 χ^2/NDF:43.0/32

Out: 2668.248+/-619.971 χ^2/NDF:30.1/36

All: 2531.082+/-446.557 χ^2/NDF: 73.2/69

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2774.073+/-0.534 χ^2/NDF:4932.4/17

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2771.878+/-0.553 χ^2/NDF:4817.5/15

Left: 2773.014+/-0.384 χ^2/NDF: 9758.1/33

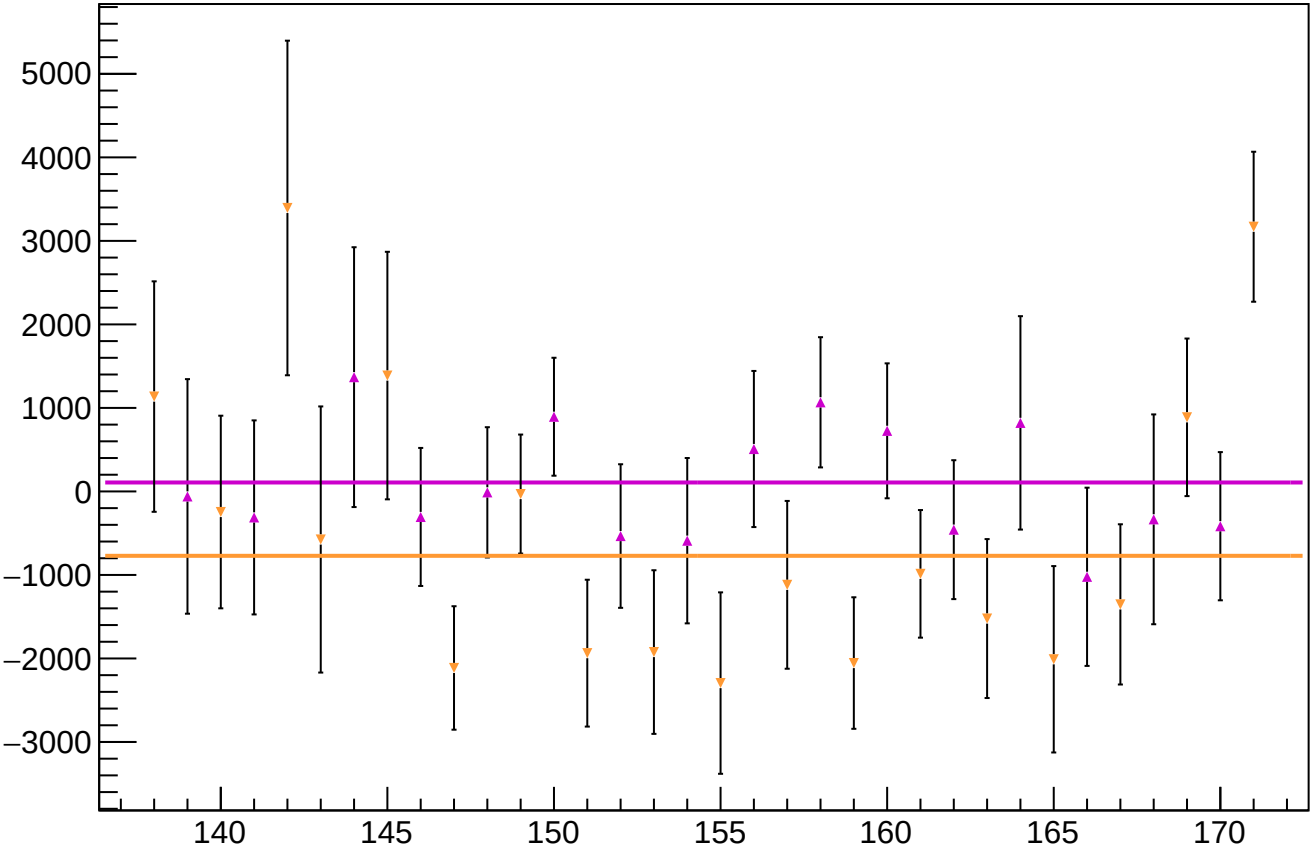
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2803.227+/-0.455 χ^2/NDF:684698.7/32

Out: 2796.061+/-0.438 χ^2/NDF:322661.0/36

All: 2799.509+/-0.316 χ^2/NDF: 1007488.3/69

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -770.927+/-229.216 χ^2/NDF:45.5/17

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

Left In: 107.079+/-233.685 χ^2/NDF:8.0/15

Left: -340.401+/-163.637 χ^2/NDF: 60.7/33

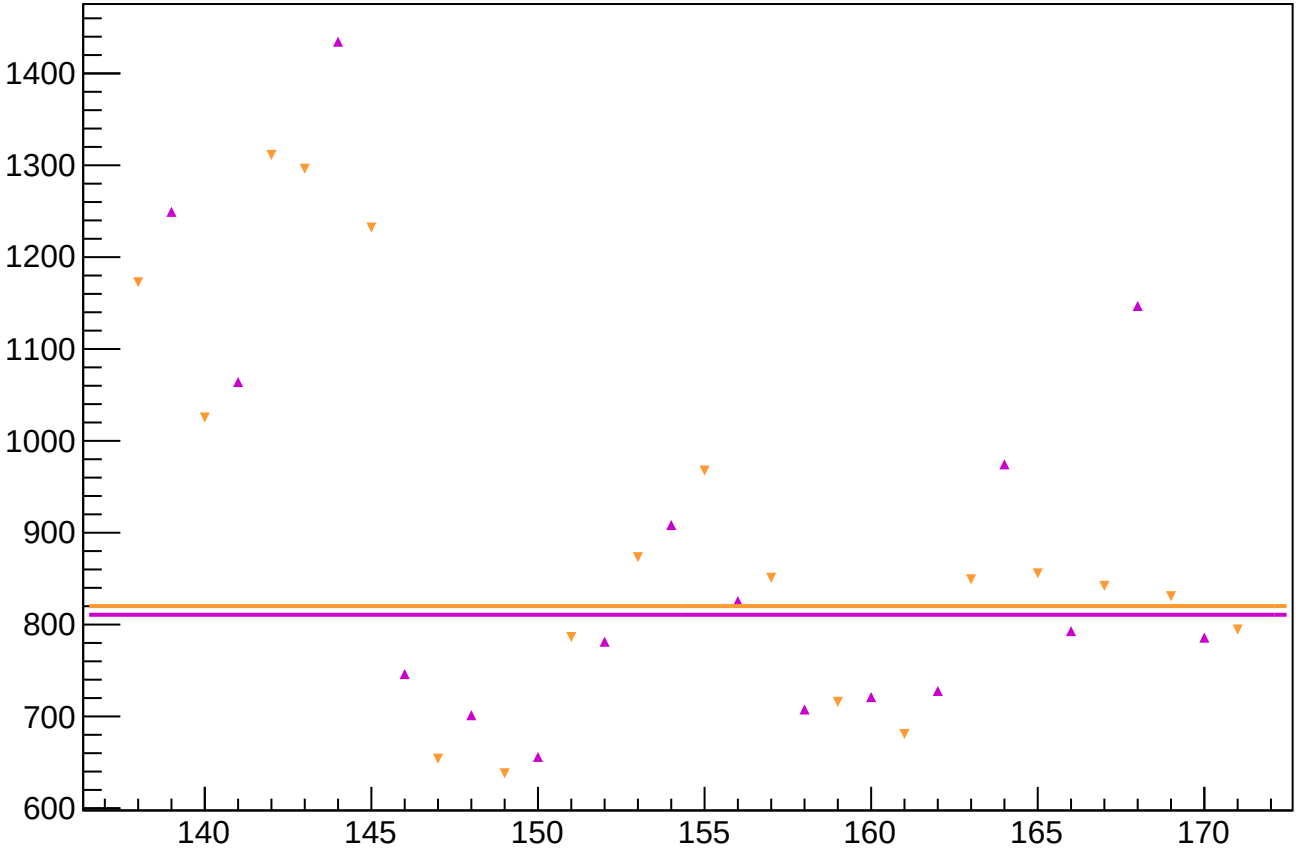
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 107.079+/-233.685 χ^2/NDF:8.0/15

Out: -770.927+/-229.216 χ^2/NDF:45.5/17

All: -340.401+/-163.637 χ^2/NDF: 60.7/33

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 820.131+/-0.162 χ^2/NDF:1034922.4/17

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

Left In: 810.675+/-0.165 χ^2/NDF:1039551.0/15

Left: 815.494+/-0.116 χ^2/NDF: 2076142.4/33

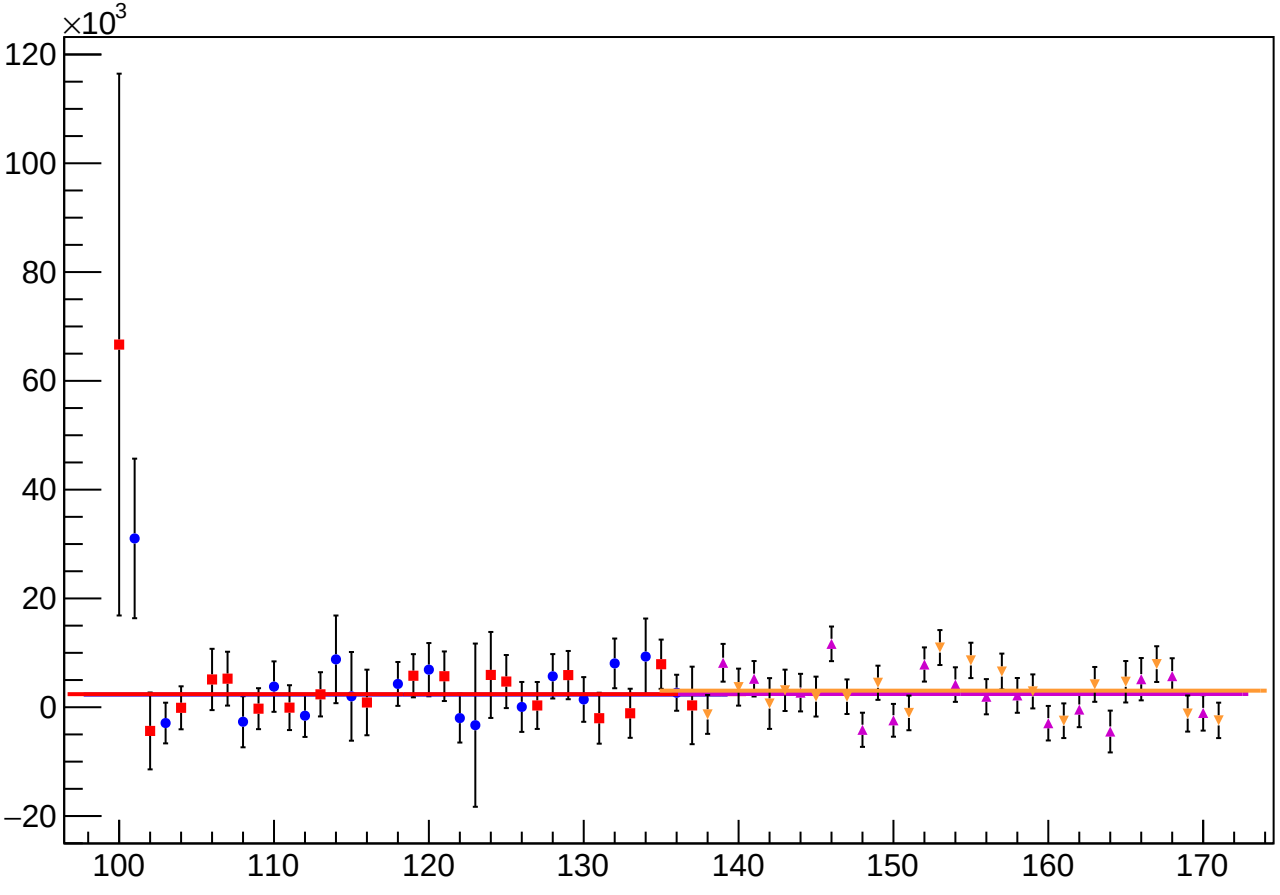
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 810.675+/-0.165 χ^2/NDF:1039551.0/15

Out: 820.131+/-0.162 χ^2/NDF:1034922.4/17

All: 815.494+/-0.116 χ^2/NDF: 2076142.4/33

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3046.770+/-795.180 χ^2/NDF:24.0/17

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 2435.412+/-822.046 χ^2/NDF:31.6/15

Left: 2751.244+/-571.539 χ^2/NDF: 55.9/33

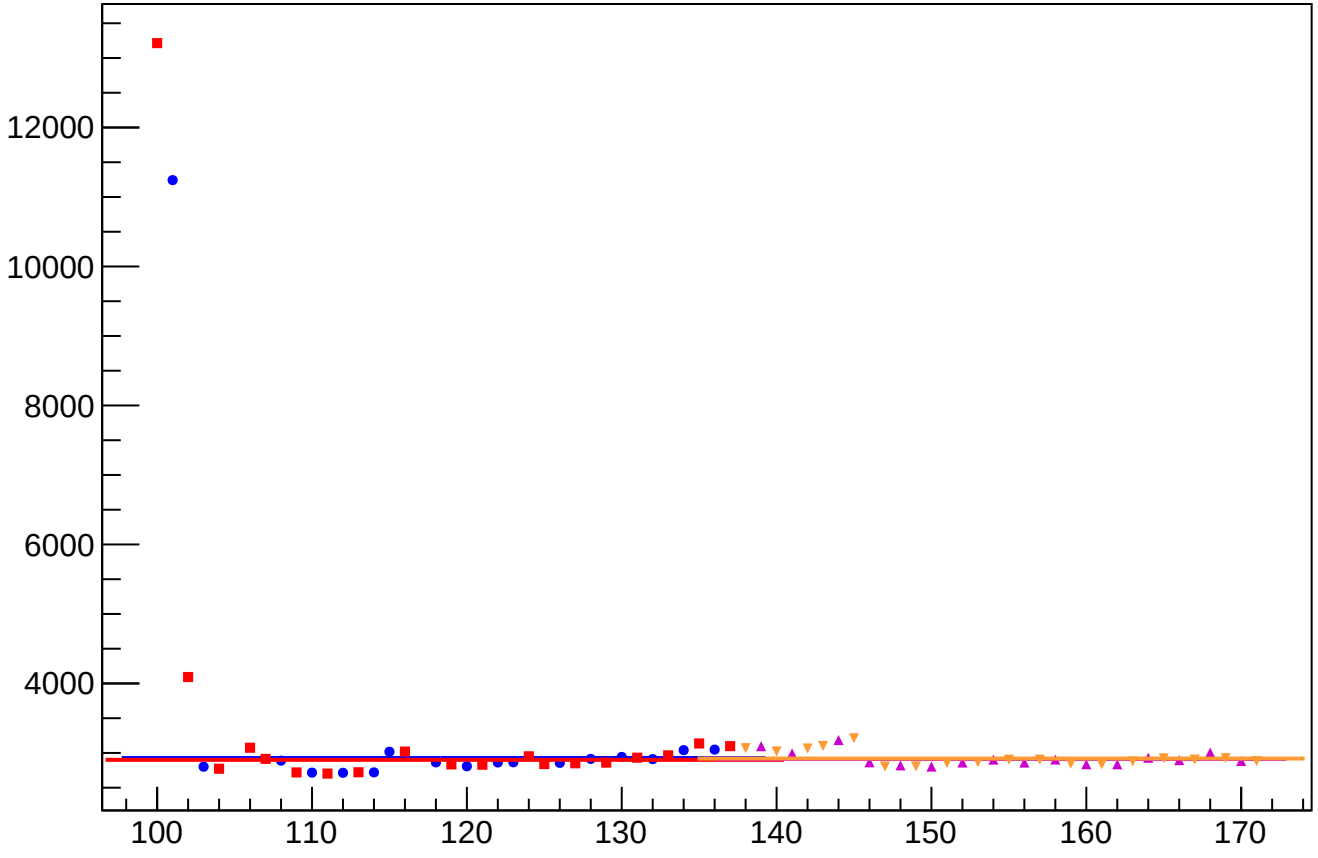
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 2400.077+/-670.038 χ^2/NDF:46.0/32

Out: 2828.715+/-646.442 χ^2/NDF:34.3/36

All: 2622.076+/-465.222 χ^2/NDF: 80.5/69

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2919.561+/-0.562 χ^2/NDF:34225.2/17

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2912.728+/-0.581 χ^2/NDF:29225.9/15

Left: 2916.258+/-0.404 χ^2/NDF: 63522.5/33

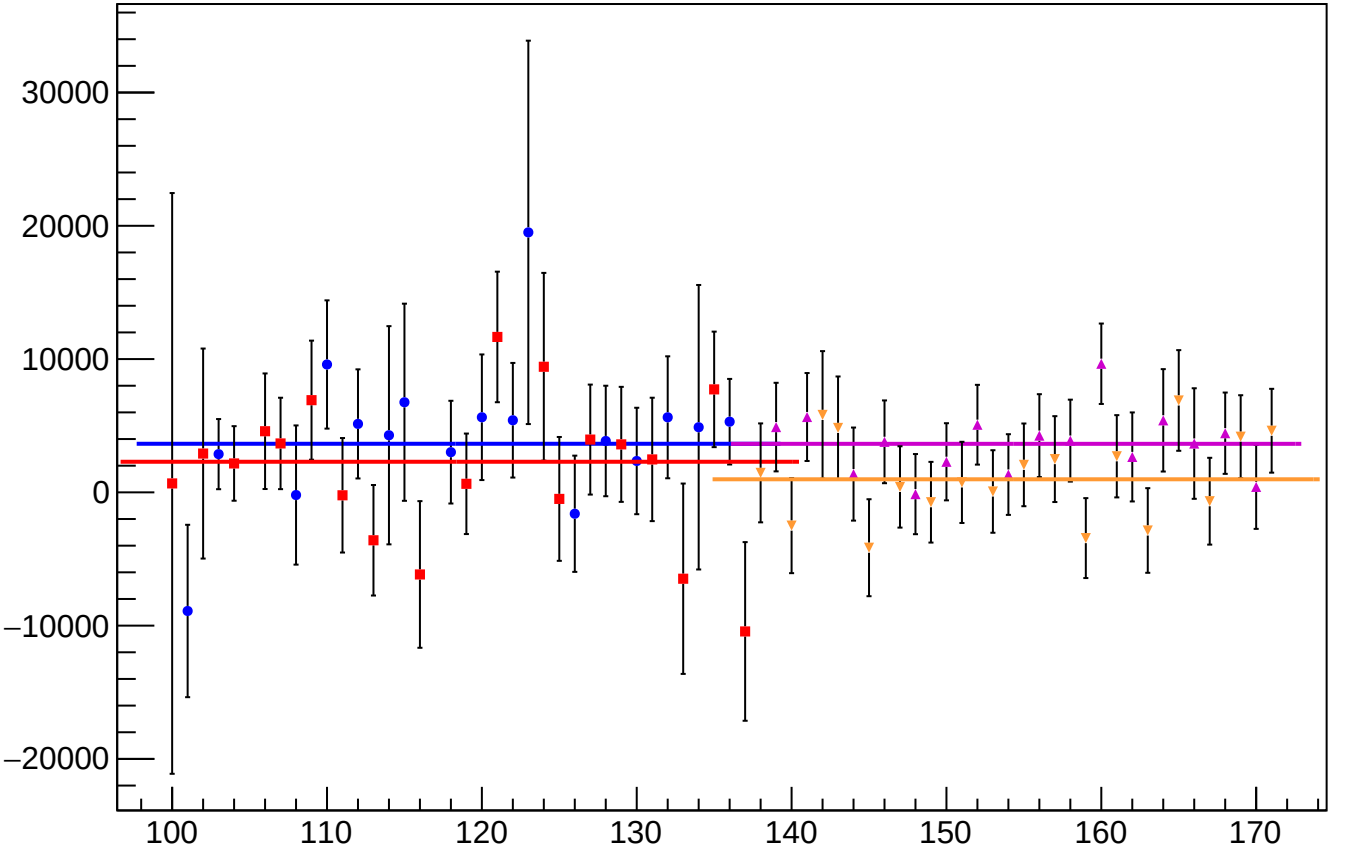
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2917.387+/-0.474 χ^2/NDF:692211.7/32

Out: 2913.208+/-0.457 χ^2/NDF:204468.2/36

All: 2915.223+/-0.329 χ^2/NDF: 896720.2/69

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 980.239+/-778.355 χ^2/NDF:14.8/17

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3640.672+/-800.165 χ^2/NDF:9.0/15

Left: 2273.705+/-557.931 χ^2/NDF: 29.5/33

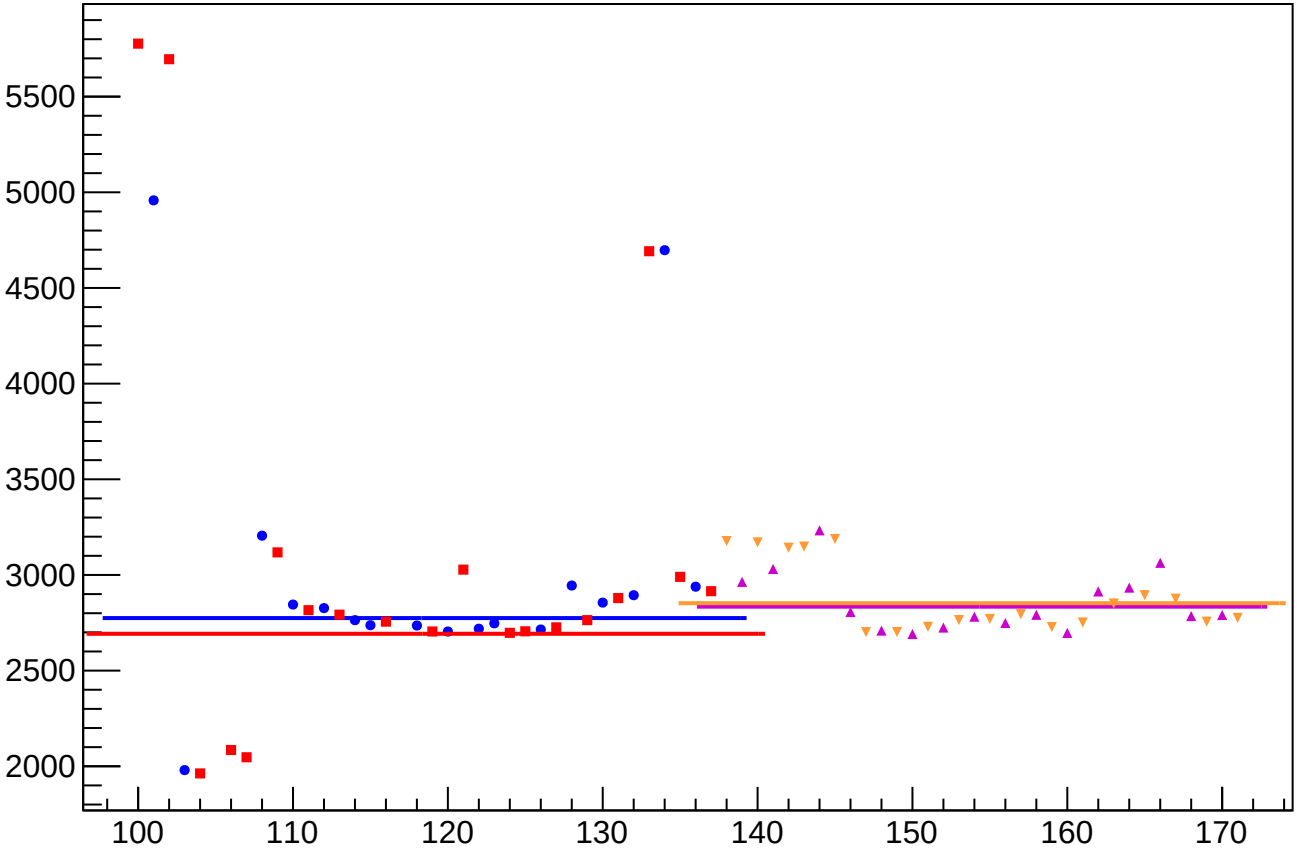
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3642.279+/-645.330 χ^2/NDF:18.8/32

Out: 1448.602+/-624.624 χ^2/NDF:34.3/36

All: 2509.684+/-448.818 χ^2/NDF: 59.0/69

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2852.420+/-0.550 χ^2/NDF:93146.6/17

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2834.264+/-0.566 χ^2/NDF:63539.0/15

Left: 2843.593+/-0.395 χ^2/NDF: 157214.7/33

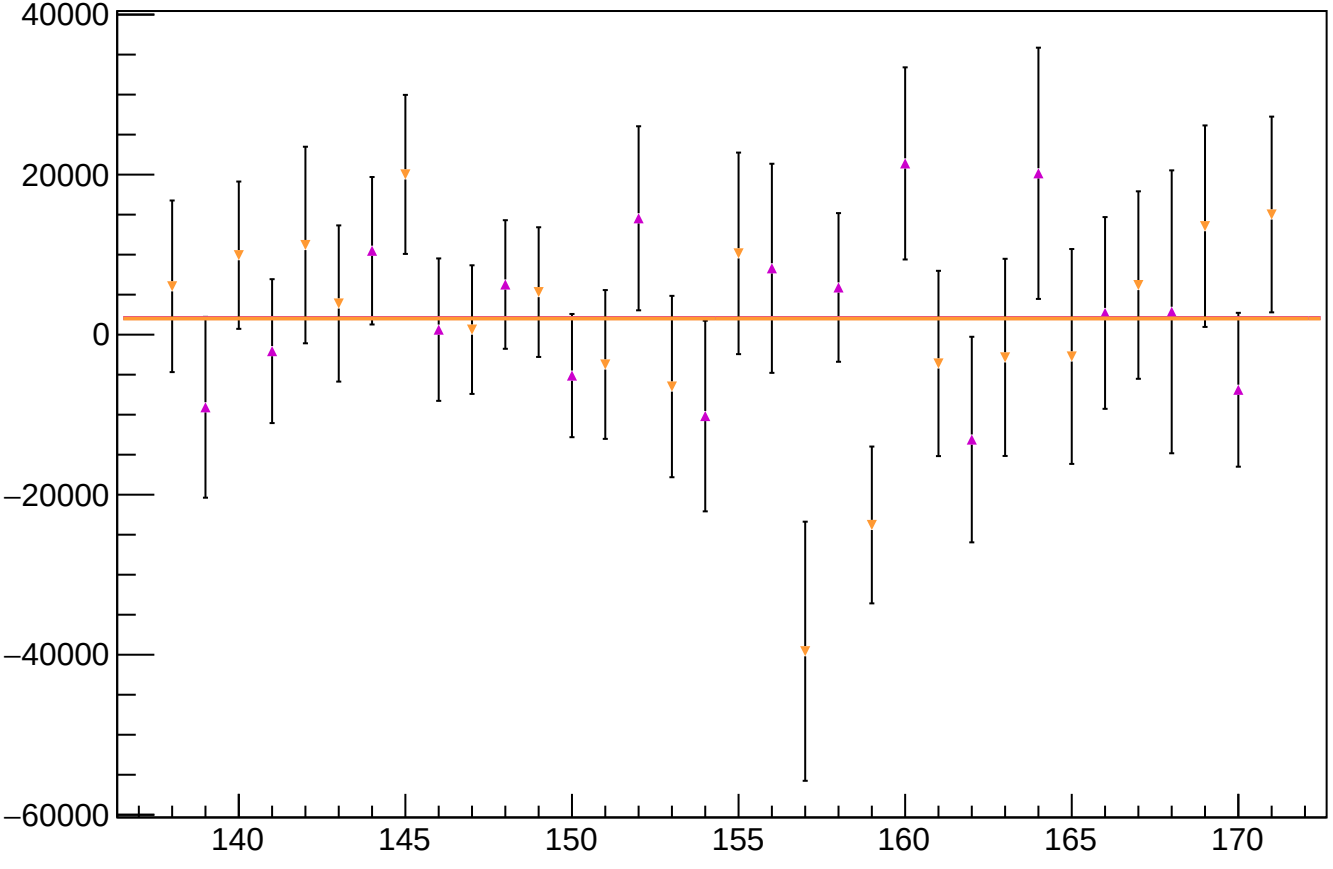
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2813.414+/-0.456 χ^2/NDF:569104.1/32

Out: 2795.467+/-0.442 χ^2/NDF:903479.2/36

All: 2804.147+/-0.317 χ^2/NDF: 1473382.0/69

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 2026.460+/-2514.114 χ^2/NDF:22.5/17

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

Left In: 2075.477+/-2607.844 χ^2/NDF:12.0/15

Left: 2050.072+/-1809.976 χ^2/NDF: 34.5/33

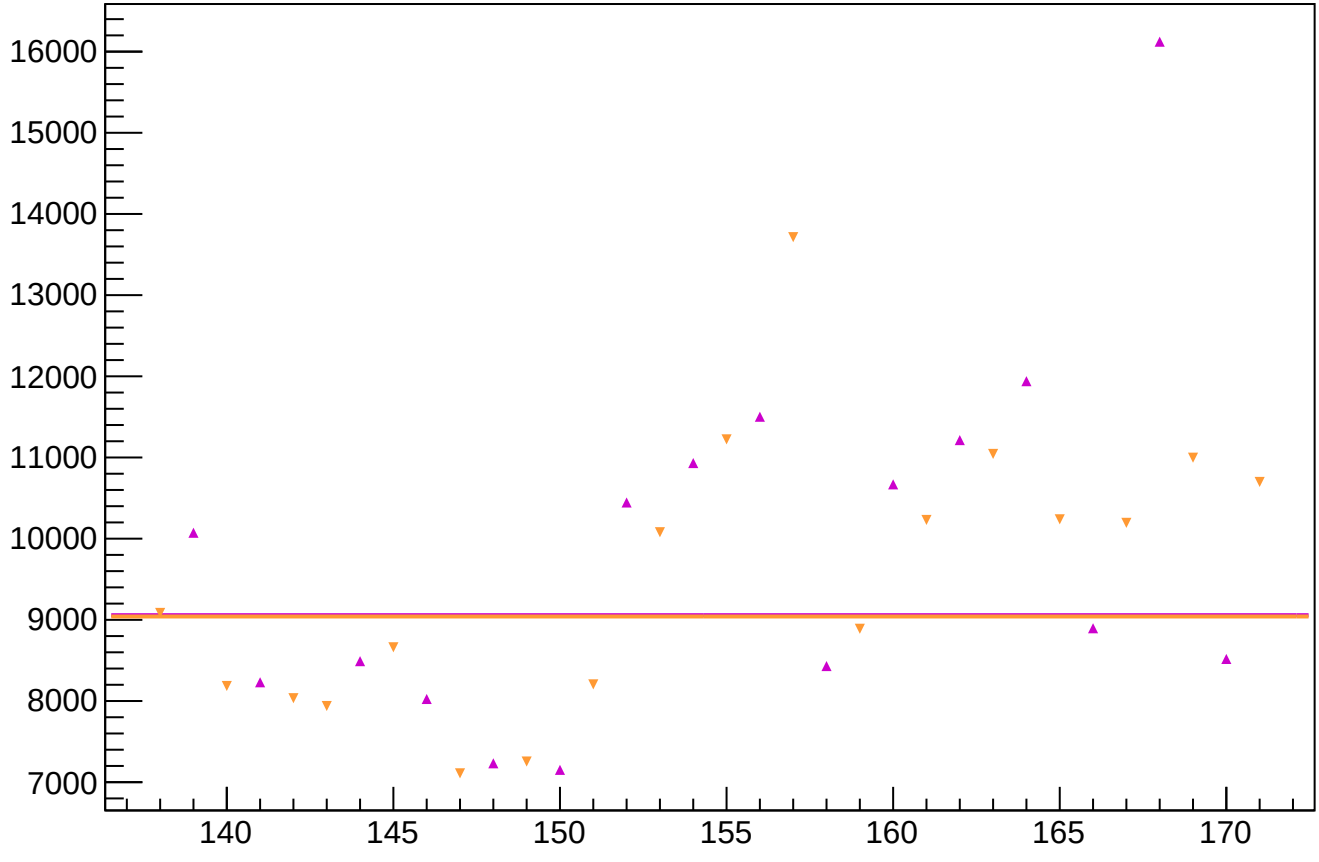
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2075.477+/-2607.844 χ^2/NDF:12.0/15

Out: 2026.460+/-2514.114 χ^2/NDF:22.5/17

All: 2050.072+/-1809.976 χ^2/NDF: 34.5/33

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 9041.304+/-1.778 χ^2/NDF:726310.6/17

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

Left In: 9057.378+/-1.844 χ^2/NDF:936774.2/15

Left: 9049.047+/-1.280 χ^2/NDF: 1663124.2/33

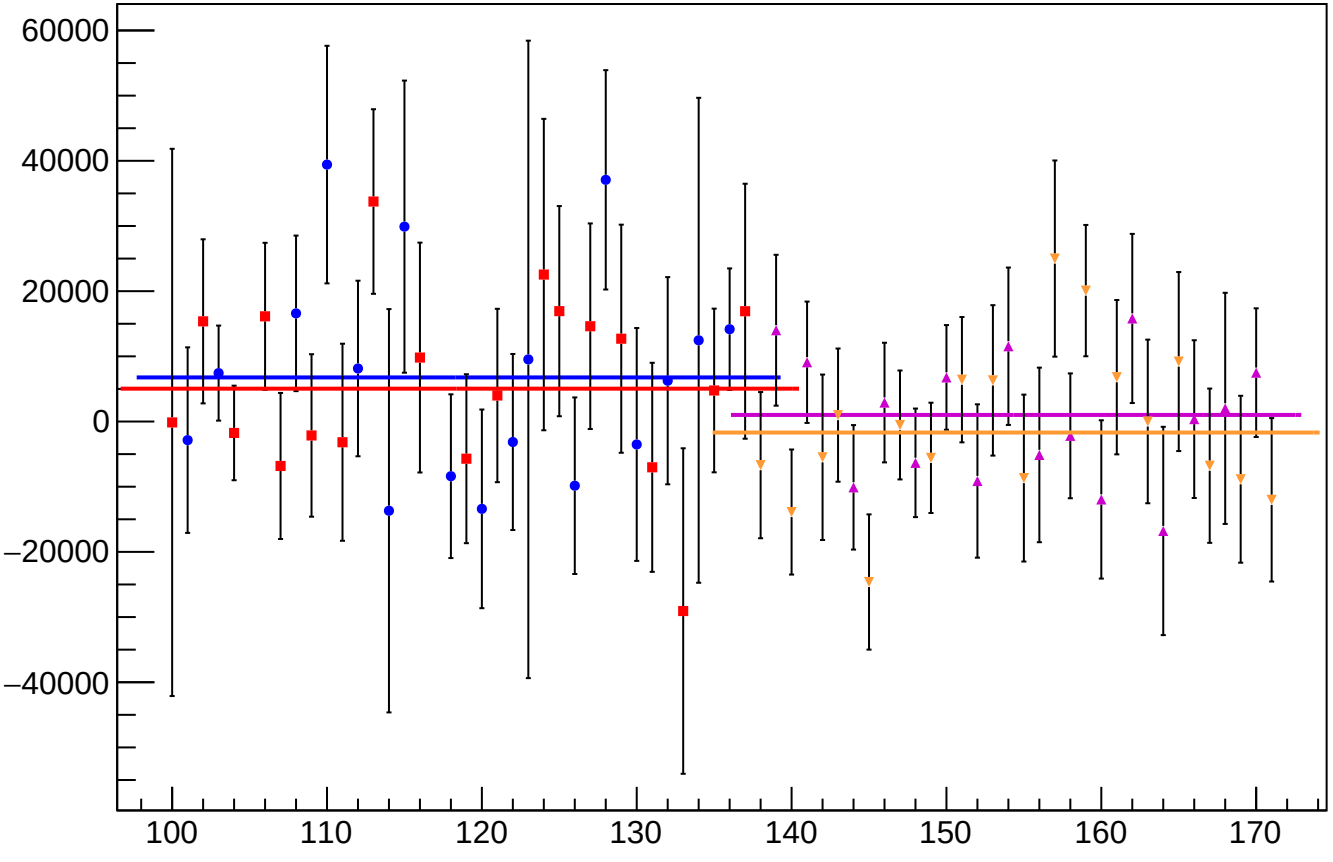
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9057.378+/-1.844 χ^2/NDF:936774.2/15

Out: 9041.304+/-1.778 χ^2/NDF:726310.6/17

All: 9049.047+/-1.280 χ^2/NDF: 1663124.2/33

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -1688.839+/-2588.347 χ^2/NDF:18.7/17

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 1011.120+/-2679.885 χ^2/NDF:10.6/15

Left: -385.759+/-1861.758 χ^2/NDF: 29.9/33

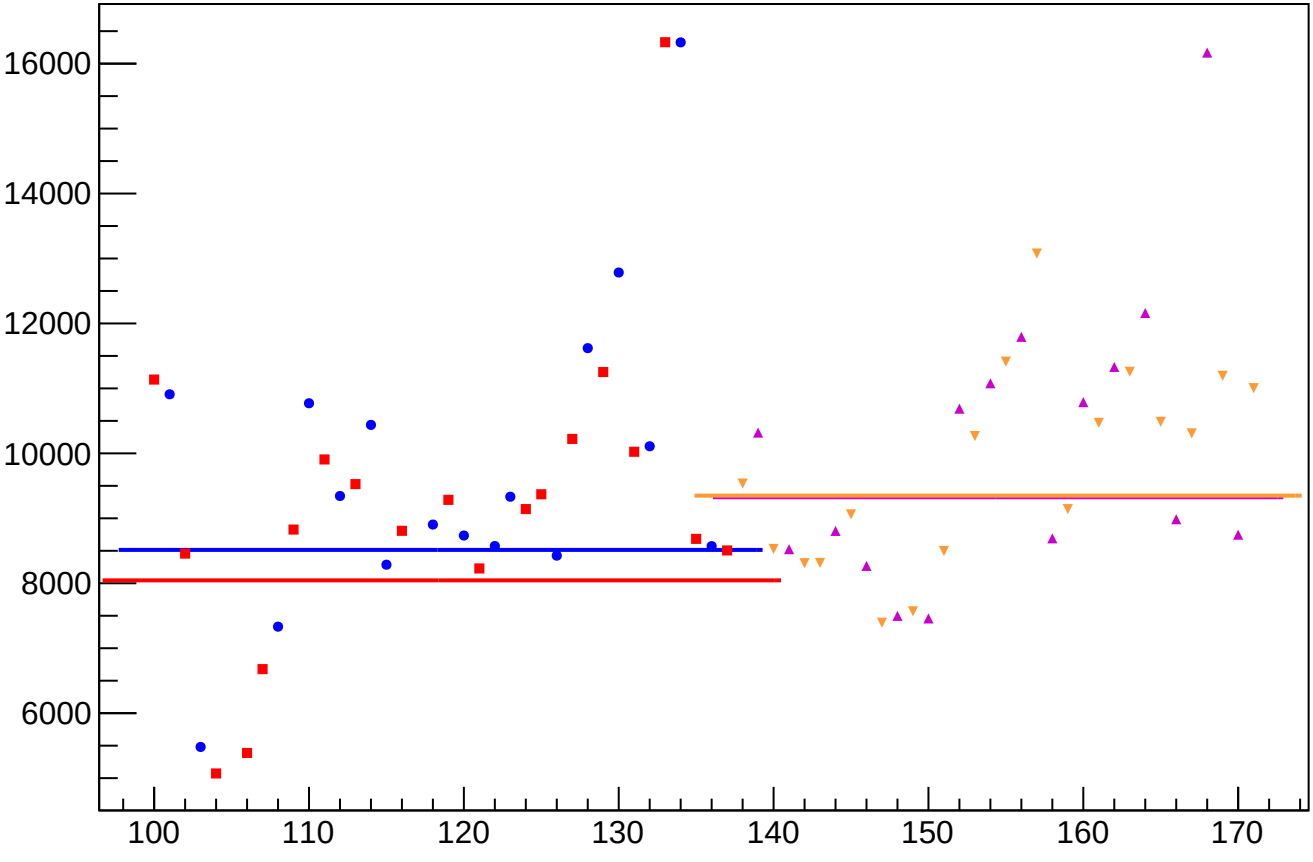
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 3227.228+/-2101.636 χ^2/NDF:27.8/32

Out: 1005.769+/-2004.305 χ^2/NDF:35.0/36

All: 2063.868+/-1450.446 χ^2/NDF: 63.4/69

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 9349.209+/-1.830 χ^2/NDF:619993.7/17

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 9324.202+/-1.895 χ^2/NDF:858320.6/15

Left: 9337.140+/-1.316 χ^2/NDF: 1478404.4/33

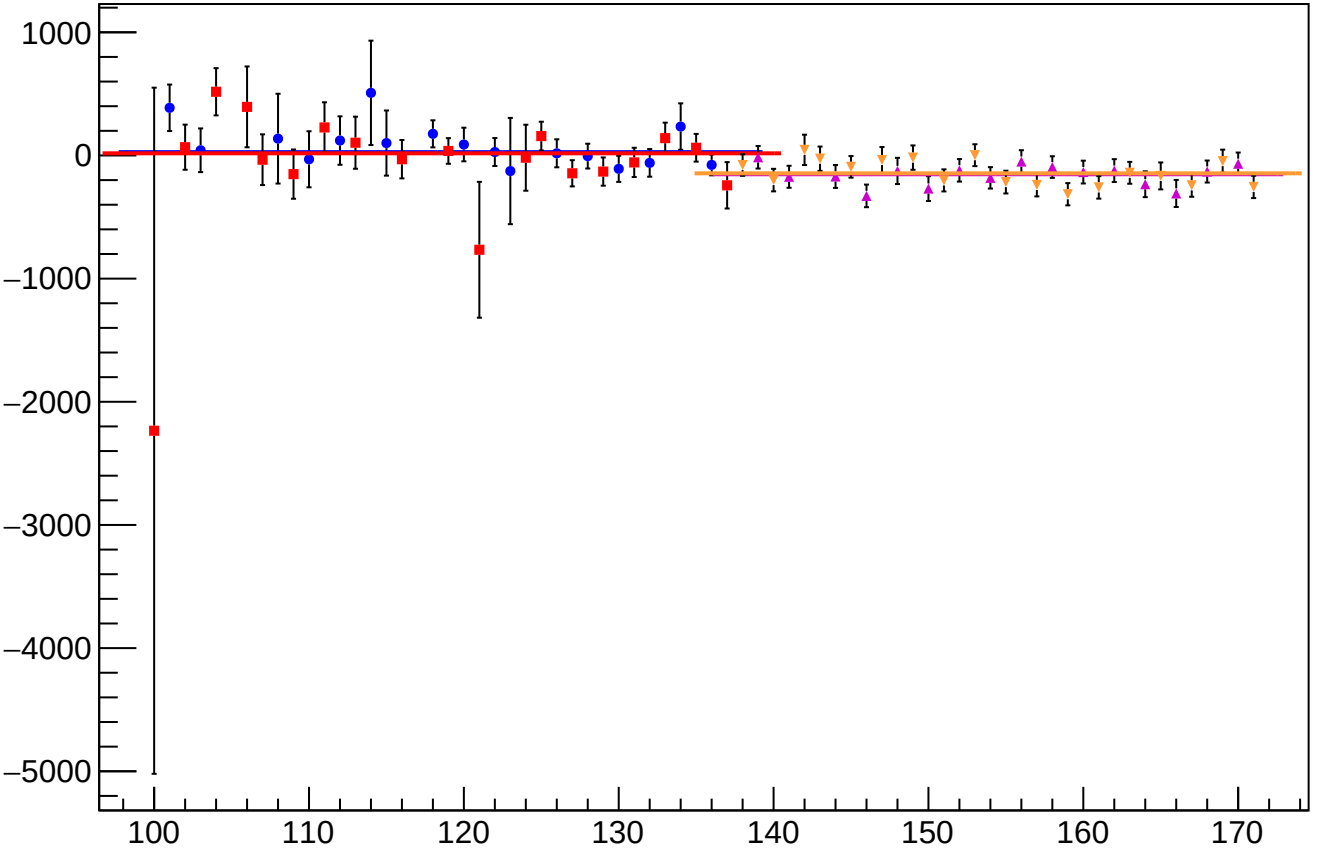
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 9012.154+/-1.486 χ^2/NDF:1691370.6/32

Out: 8826.915+/-1.417 χ^2/NDF:1775696.6/36

All: 8915.144+/-1.026 χ^2/NDF: 3475204.1/69

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -145.012+/-22.197 χ^2/NDF:21.5/17

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -152.543+/-23.441 χ^2/NDF:13.1/15

Left: -148.572+/-16.117 χ^2/NDF: 34.6/33

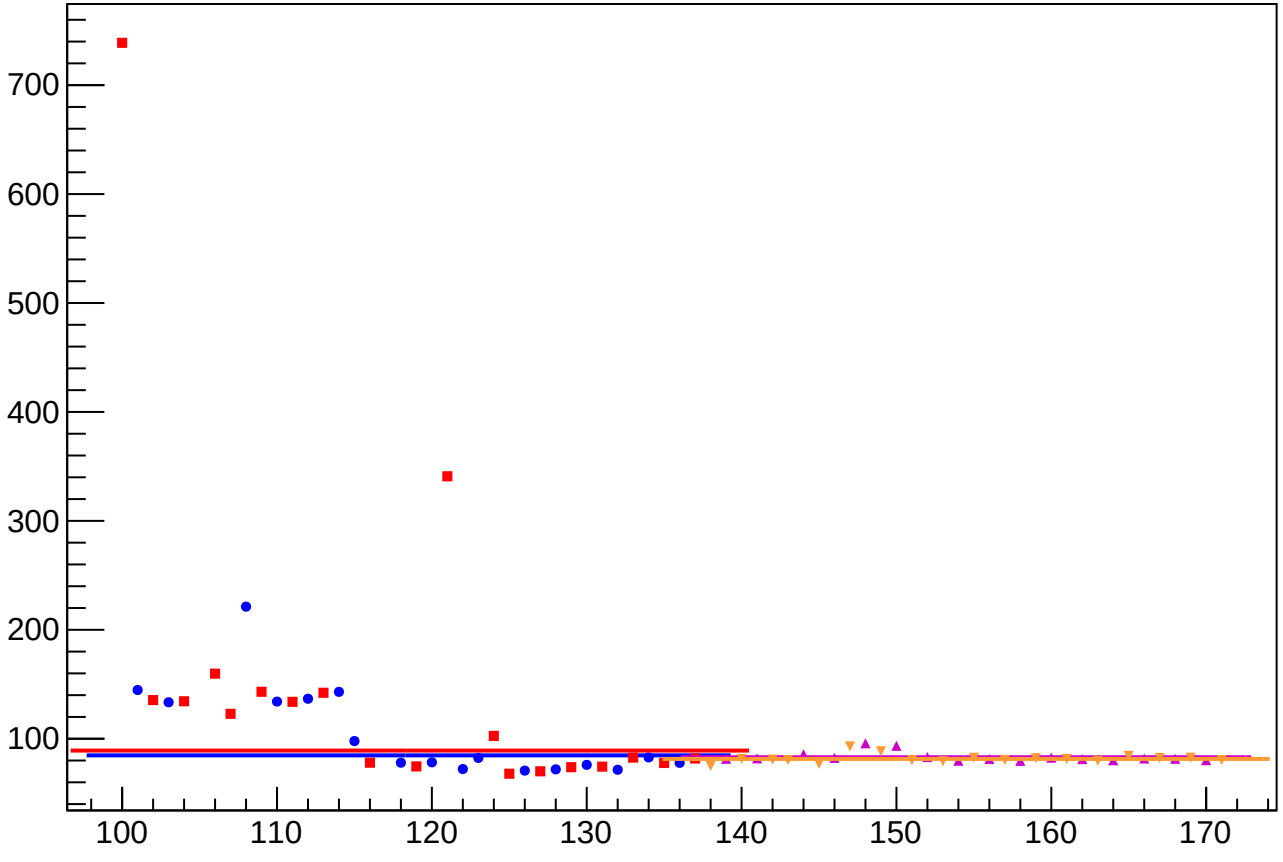
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -94.786+/-19.304 χ^2/NDF:44.5/32

Out: -99.460+/-18.828 χ^2/NDF:58.3/36

All: -97.182+/-13.478 χ^2/NDF: 102.9/69

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.459+/-0.016 χ^2/NDF:55344.5/17

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.019+/-0.017 χ^2/NDF:64098.2/15

Left: 82.197+/-0.011 χ^2/NDF: 124113.0/33

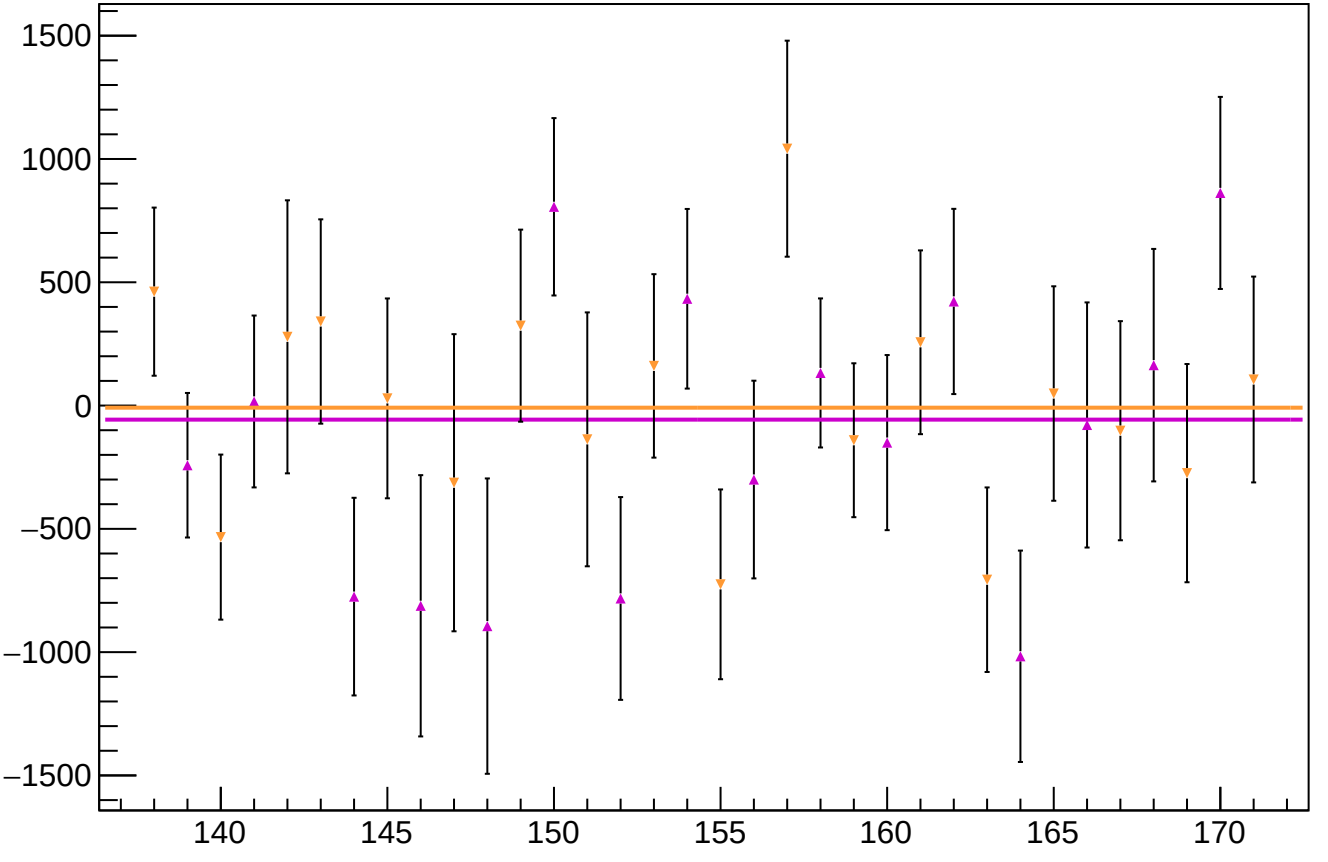
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 83.572+/-0.014 χ^2/NDF:1131974.4/32

Out: 83.615+/-0.013 χ^2/NDF:1681844.7/36

All: 83.594+/-0.010 χ^2/NDF: 2813824.1/69

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: -8.596+/-94.990 χ^2/NDF:20.5/17

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

Left In: -57.064+/-96.947 χ^2/NDF:31.6/15

Left: -32.335+/-67.849 χ^2/NDF: 52.2/33

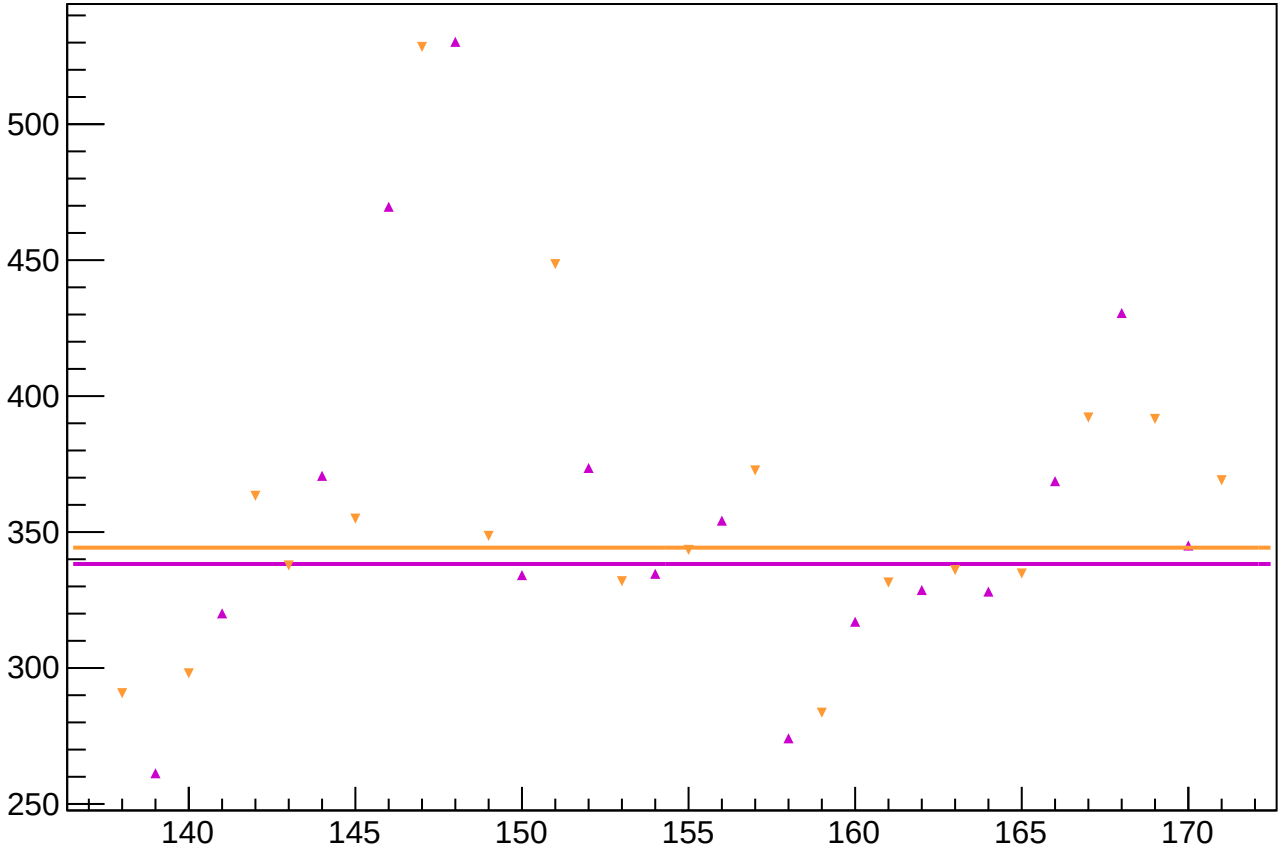
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -57.064+/-96.947 χ^2/NDF:31.6/15

Out: -8.596+/-94.990 χ^2/NDF:20.5/17

All: -32.335+/-67.849 χ^2/NDF: 52.2/33

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 344.266+/-0.067 χ^2/NDF:504514.4/17

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

Left In: 338.258+/-0.069 χ^2/NDF:687659.8/15

Left: 341.323+/-0.048 χ^2/NDF: 1196092.4/33

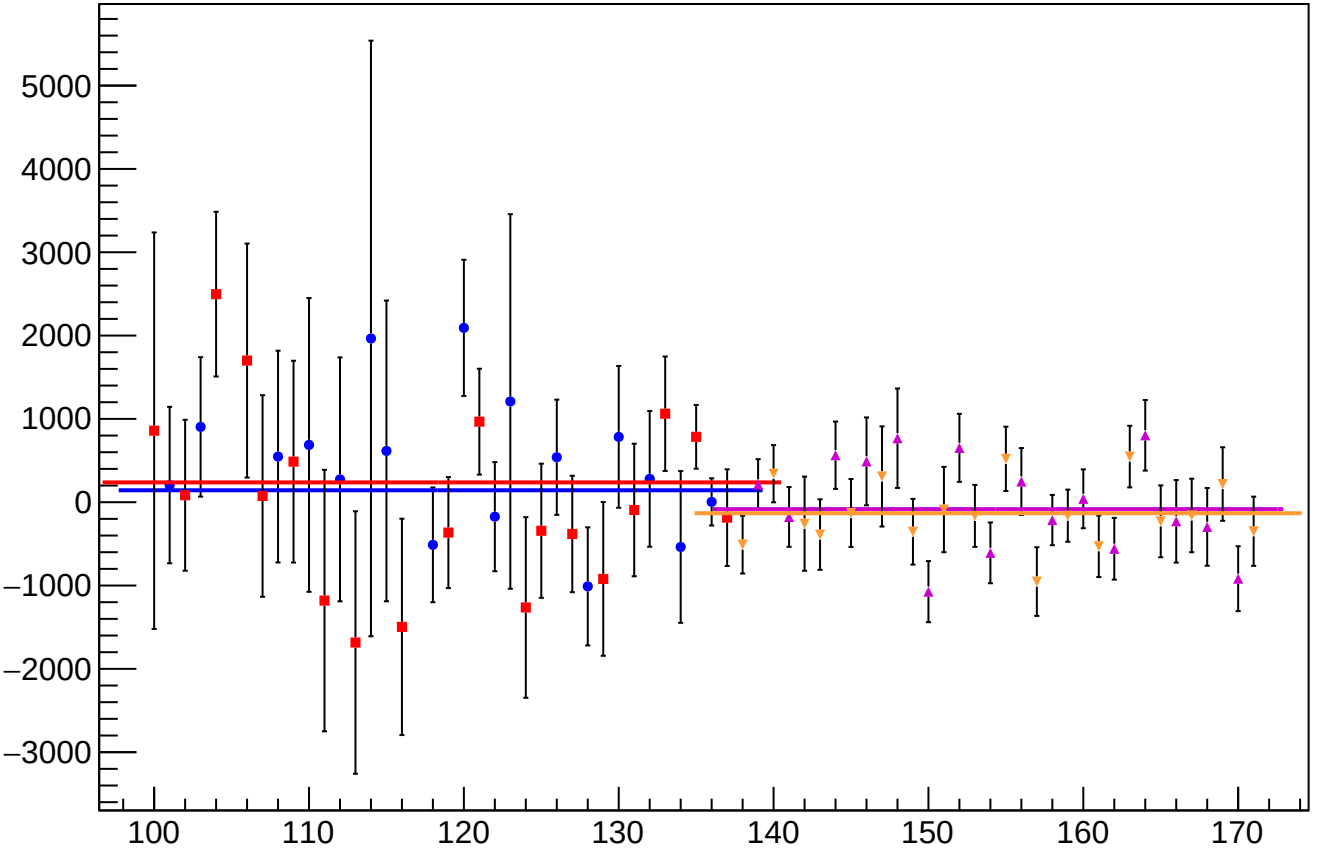
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 338.258+/-0.069 χ^2/NDF:687659.8/15

Out: 344.266+/-0.067 χ^2/NDF:504514.4/17

All: 341.323+/-0.048 χ^2/NDF: 1196092.4/33

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -132.024+/-95.059 χ^2/NDF:16.7/17

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: -82.891+/-97.401 χ^2/NDF:31.3/15

Left: -108.056+/-68.030 χ^2/NDF: 48.1/33

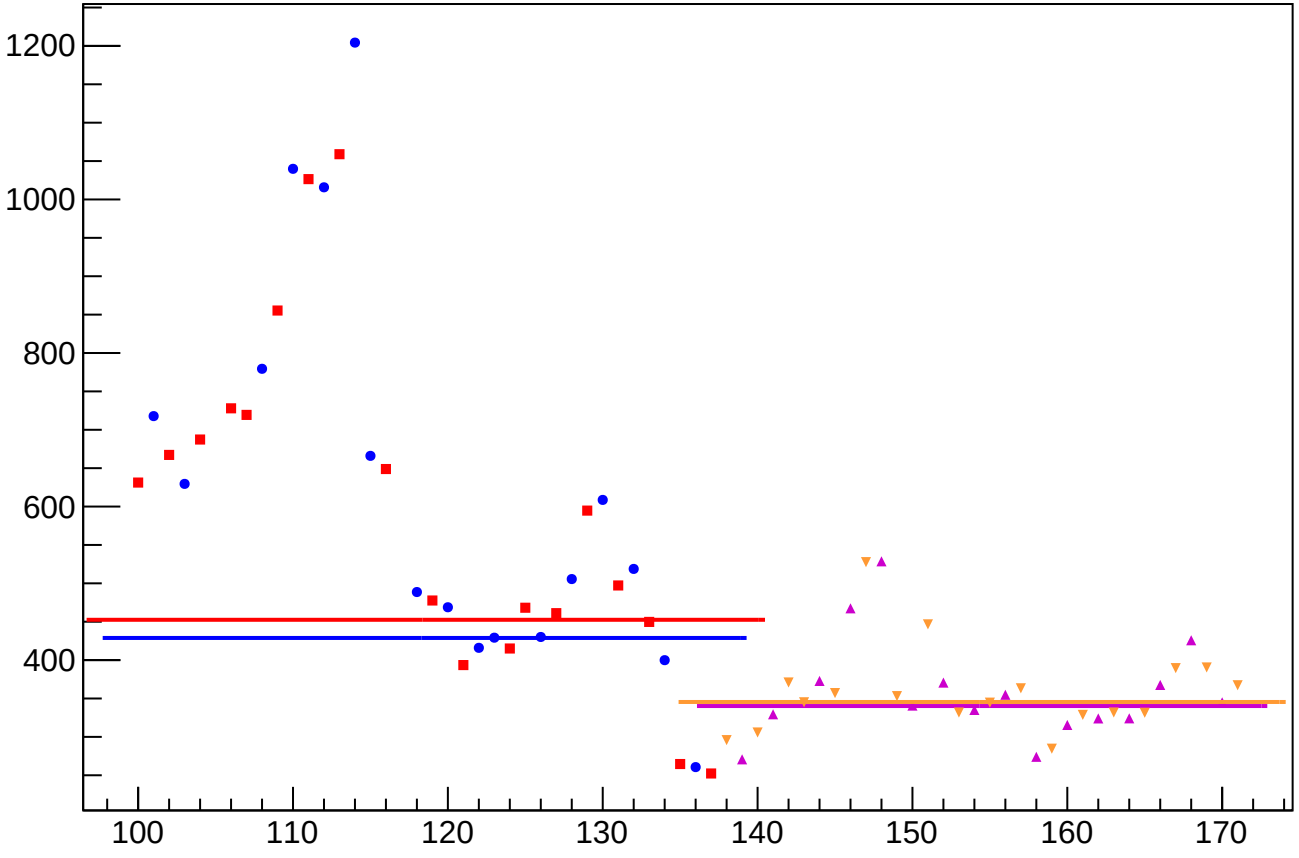
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: -31.281+/-85.581 χ^2/NDF:45.3/32

Out: -54.104+/-84.454 χ^2/NDF:41.6/36

All: -42.844+/-60.113 χ^2/NDF: 86.9/69

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 345.465+/-0.067 χ^2/NDF:473241.3/17

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 340.175+/-0.069 χ^2/NDF:635886.7/15

Left: 342.884+/-0.048 χ^2/NDF: 1112150.1/33

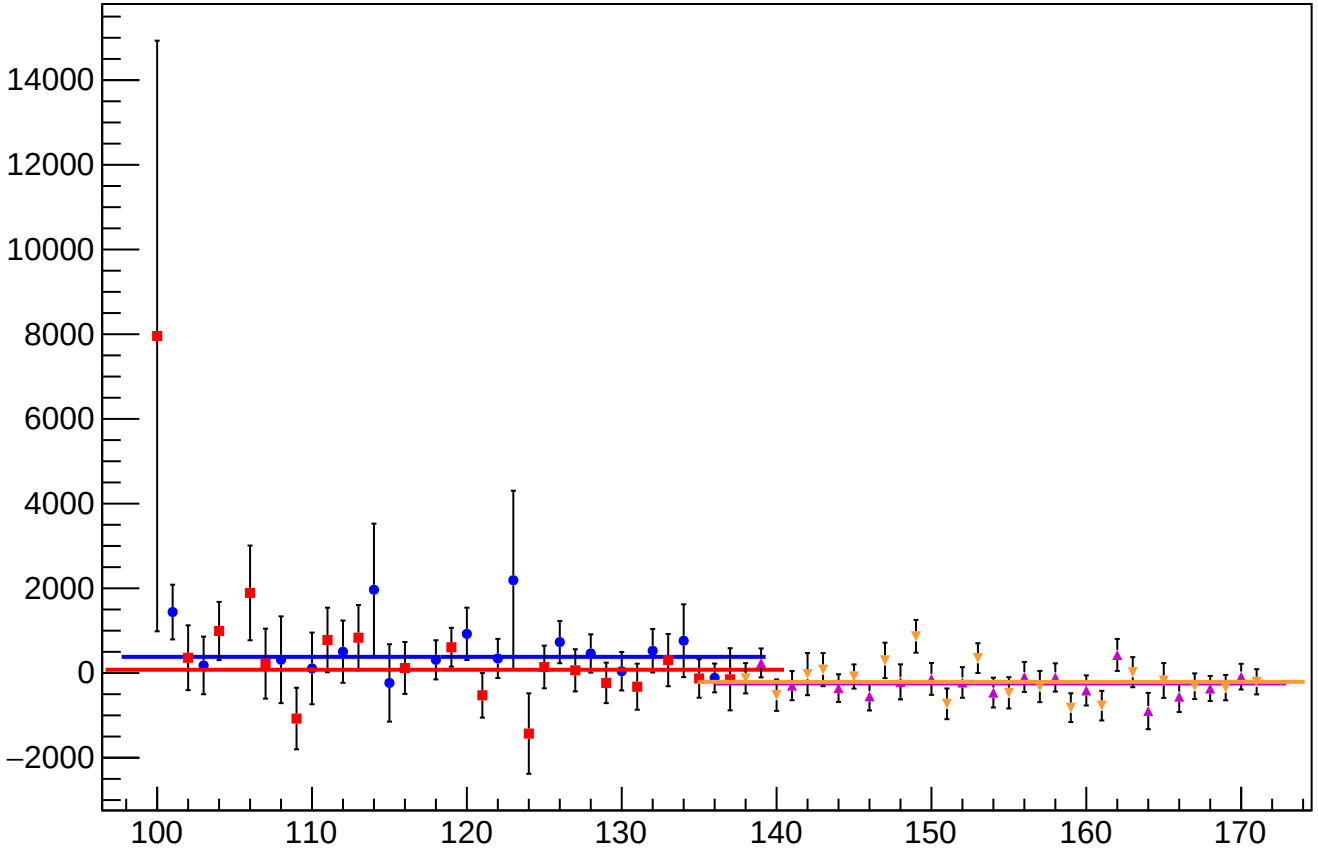
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 360.392+/-0.061 χ^2/NDF:3026192.3/32

Out: 368.019+/-0.060 χ^2/NDF:3046871.6/36

All: 364.256+/-0.043 χ^2/NDF: 6081111.1/69

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -208.278+/-83.114 χ^2/NDF:22.6/17

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -248.062+/-87.344 χ^2/NDF:10.7/15

Left: -227.183+/-60.211 χ^2/NDF: 33.3/33

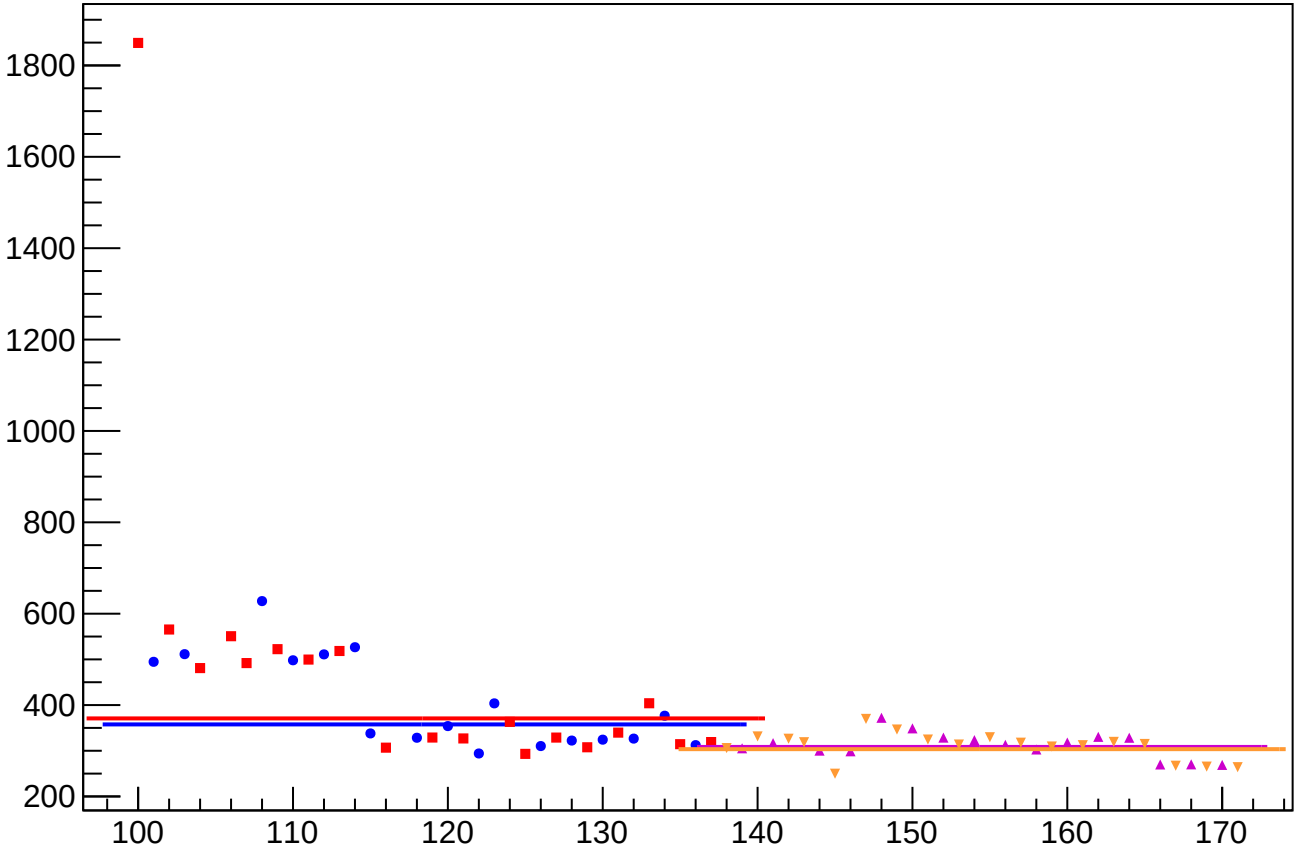
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: -73.709+/-74.280 χ^2/NDF:34.5/32

Out: -136.470+/-71.918 χ^2/NDF:42.3/36

All: -106.103+/-51.668 χ^2/NDF: 77.2/69

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 303.518+/-0.059 χ^2/NDF:289506.1/17

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 308.360+/-0.062 χ^2/NDF:187856.3/15

Left: 305.819+/-0.043 χ^2/NDF: 480588.7/33

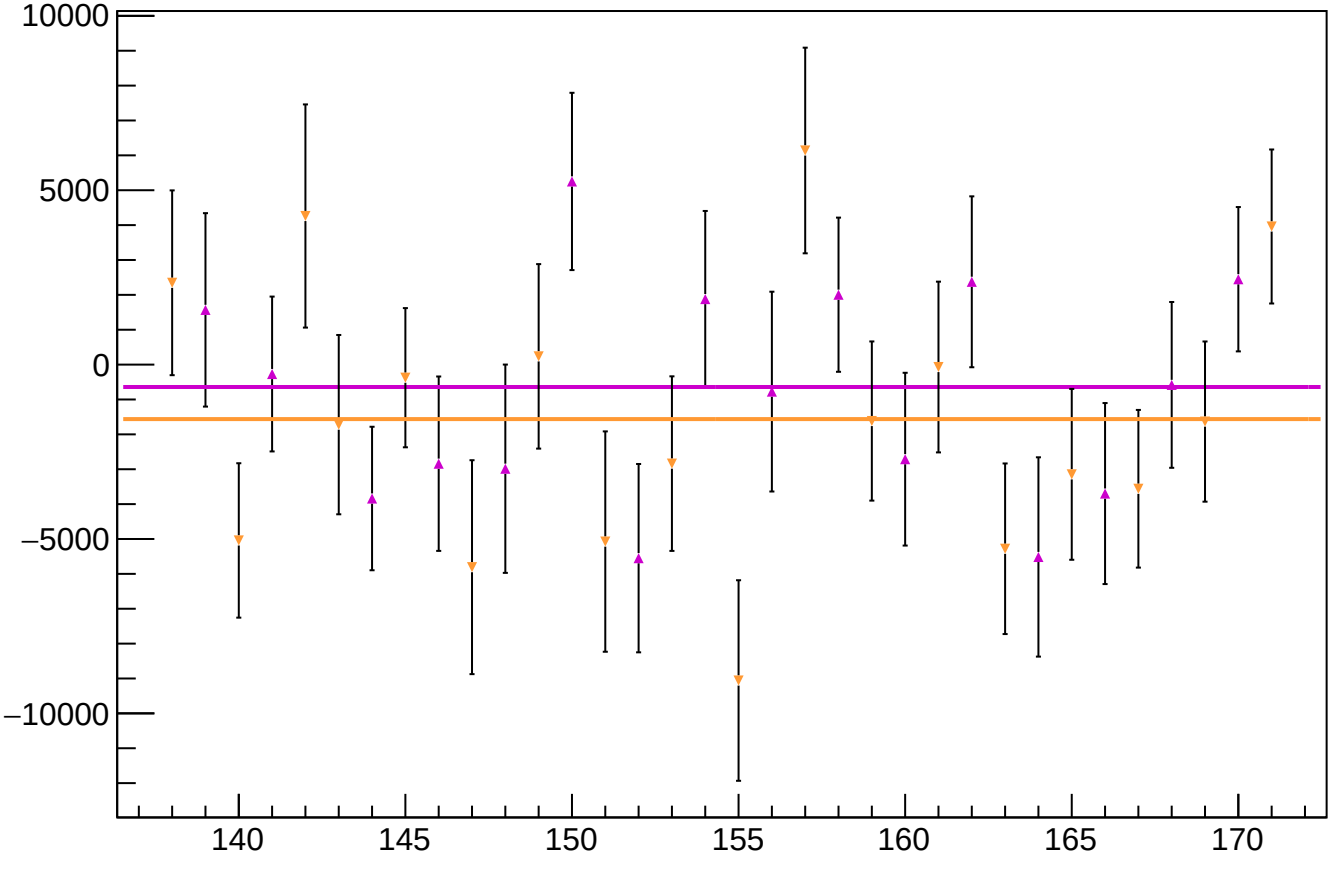
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 322.006+/-0.053 χ^2/NDF:993908.4/32

Out: 320.423+/-0.051 χ^2/NDF:1403566.9/36

All: 321.189+/-0.037 χ^2/NDF: 2397944.2/69

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1562.157+/-589.784 χ^2/NDF:36.0/17

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

Left In: -641.888+/-616.921 χ^2/NDF:24.3/15

Left: -1122.708+/-426.311 χ^2/NDF: 61.4/33

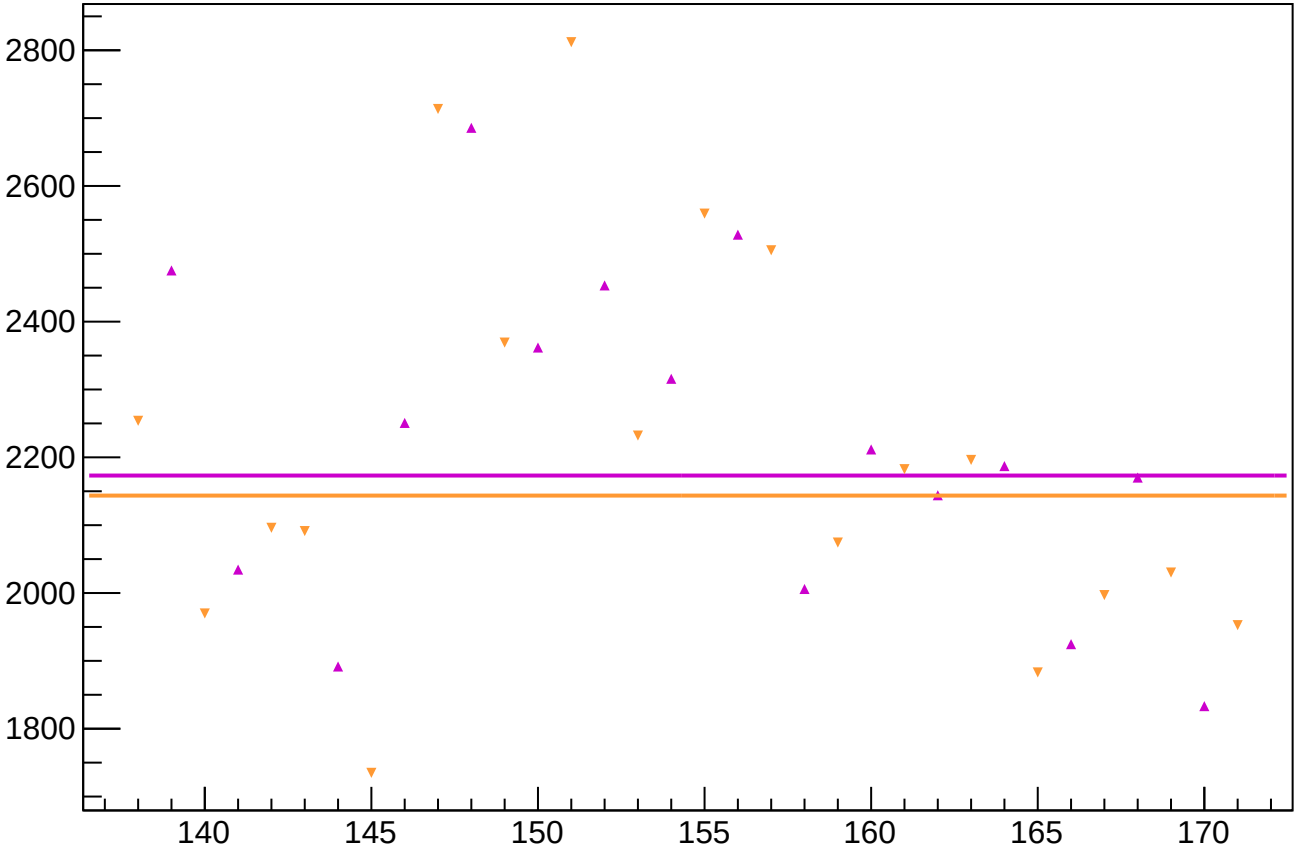
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -641.888+/-616.921 χ^2/NDF:24.3/15

Out: -1562.157+/-589.784 χ^2/NDF:36.0/17

All: -1122.708+/-426.311 χ^2/NDF: 61.4/33

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2143.621+/-0.417 χ^2/NDF:402552.0/17

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

Left In: 2173.155+/-0.436 χ^2/NDF:284068.9/15

Left: 2157.724+/-0.301 χ^2/NDF: 689015.8/33

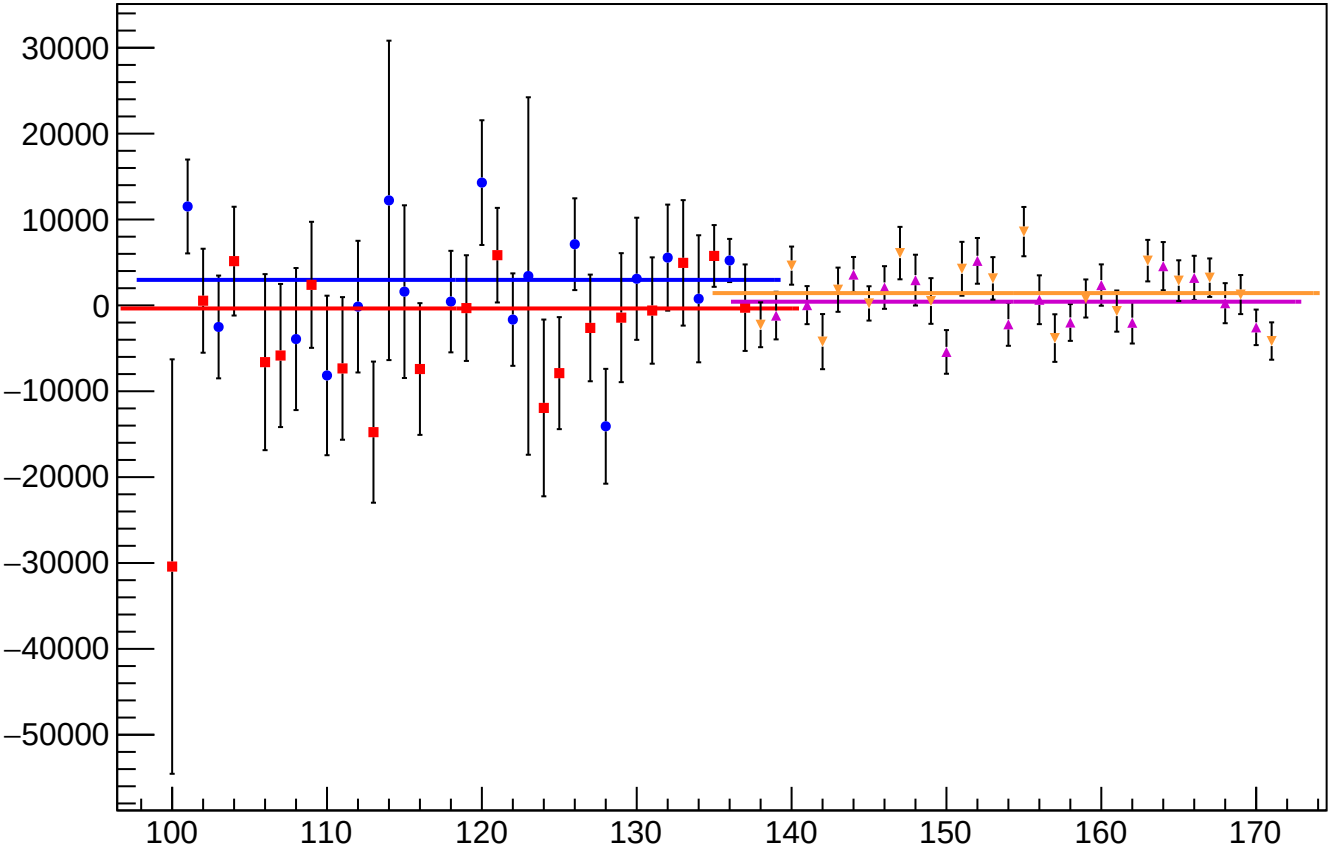
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2173.155+/-0.436 χ^2/NDF:284068.9/15

Out: 2143.621+/-0.417 χ^2/NDF:402552.0/17

All: 2157.724+/-0.301 χ^2/NDF: 689015.8/33

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1431.218+/-582.921 χ^2/NDF:32.0/17

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 427.023+/-610.539 χ^2/NDF:21.9/15

Left: 952.346+/-421.613 χ^2/NDF: 55.3/33

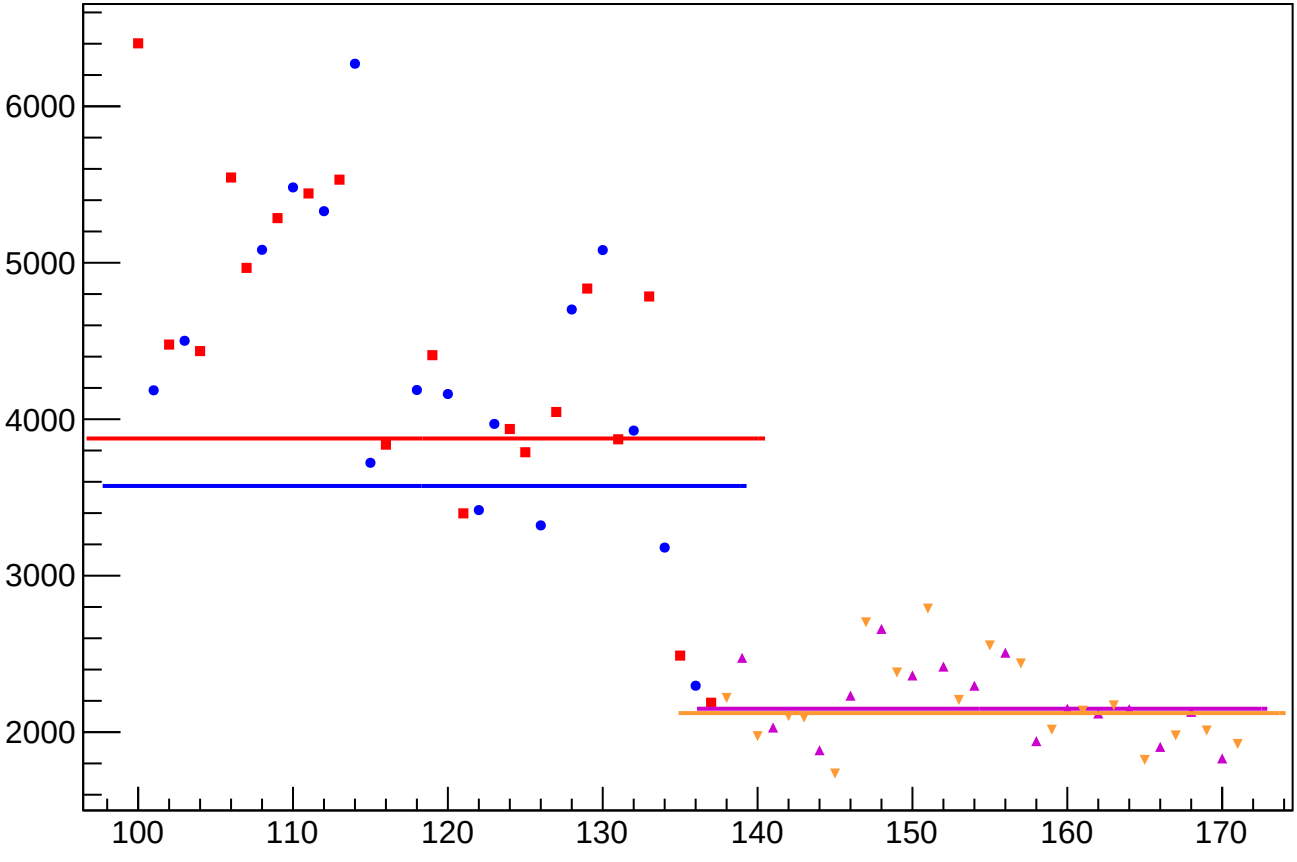
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 814.147+/-562.132 χ^2/NDF:41.9/32

Out: 1198.282+/-543.669 χ^2/NDF:48.6/36

All: 1012.626+/-390.796 χ^2/NDF: 90.7/69

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2121.731+/-0.412 χ^2/NDF:409241.9/17

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2149.709+/-0.432 χ^2/NDF:285978.6/15

Left: 2135.073+/-0.298 χ^2/NDF: 697417.6/33

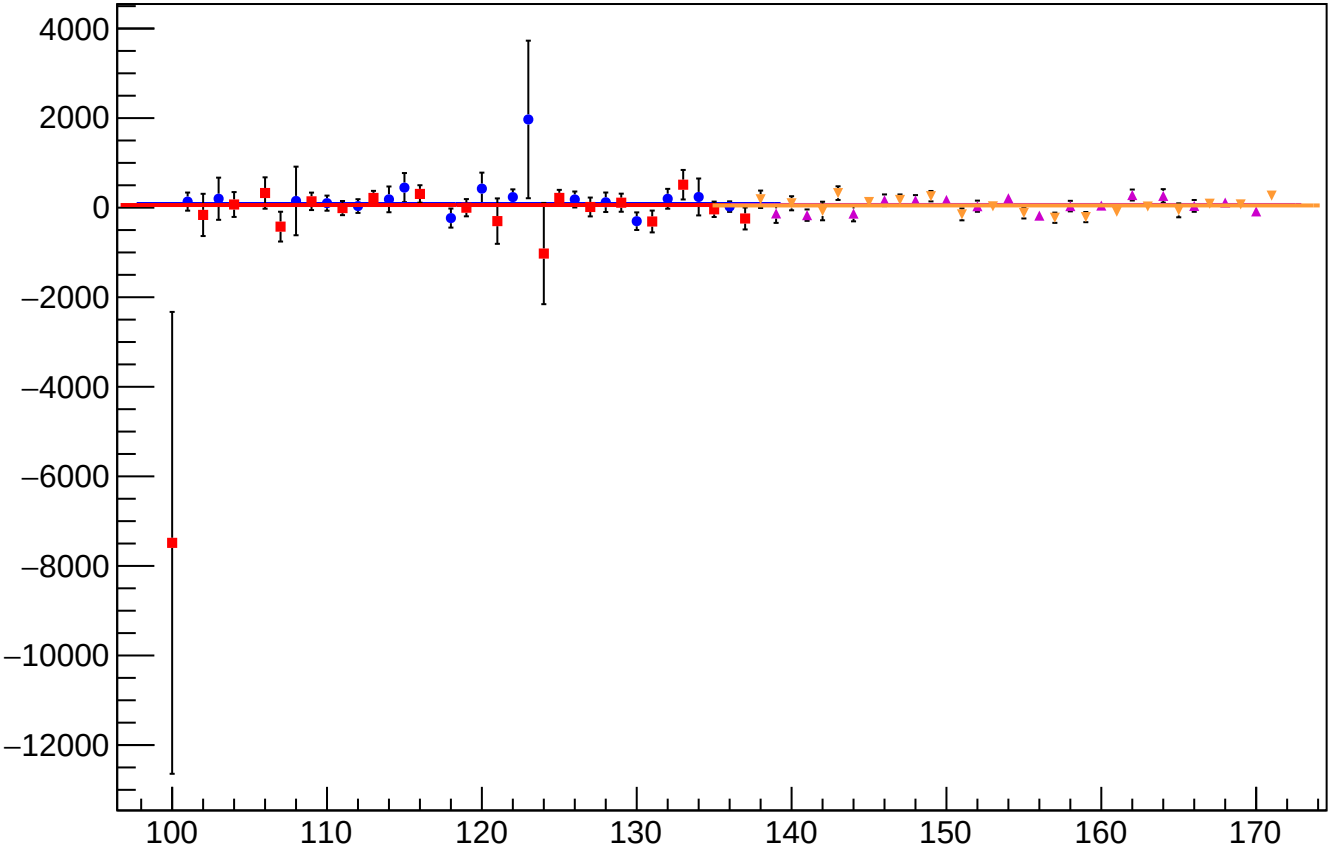
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2366.526+/-0.397 χ^2/NDF:3030991.3/32

Out: 2350.148+/-0.384 χ^2/NDF:3757377.0/36

All: 2358.064+/-0.276 χ^2/NDF: 6789245.5/69

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 49.638+/-27.033 χ^2/NDF:33.5/17

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 60.177+/-29.145 χ^2/NDF:22.6/15

Left: 54.512+/-19.820 χ^2/NDF: 56.1/33

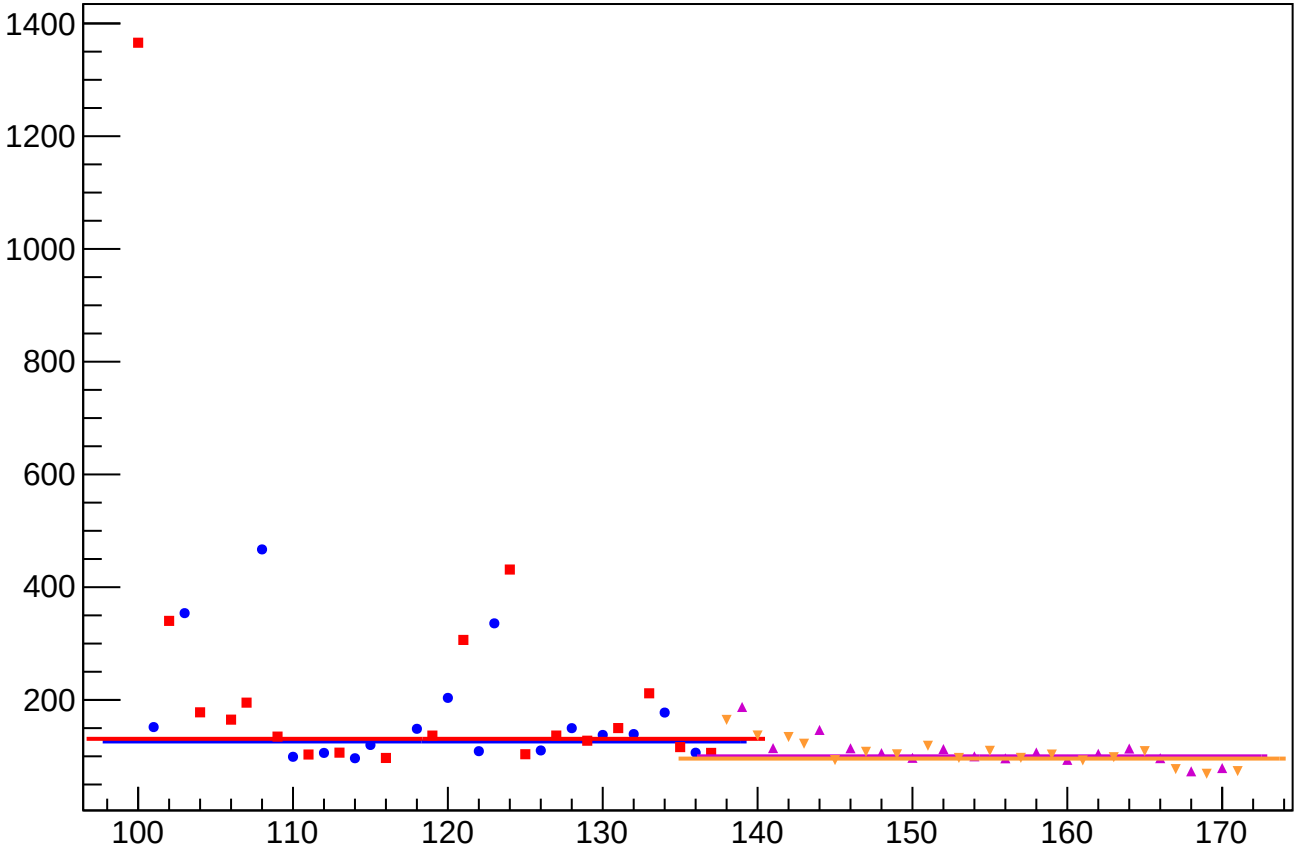
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 65.372+/-25.413 χ^2/NDF:34.2/32

Out: 51.563+/-24.097 χ^2/NDF:50.0/36

All: 58.101+/-17.486 χ^2/NDF: 84.3/69

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 95.956+/-0.019 χ^2/NDF:1119268.7/17

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 99.957+/-0.021 χ^2/NDF:927292.1/15

Left: 97.806+/-0.014 χ^2/NDF: 2066814.5/33

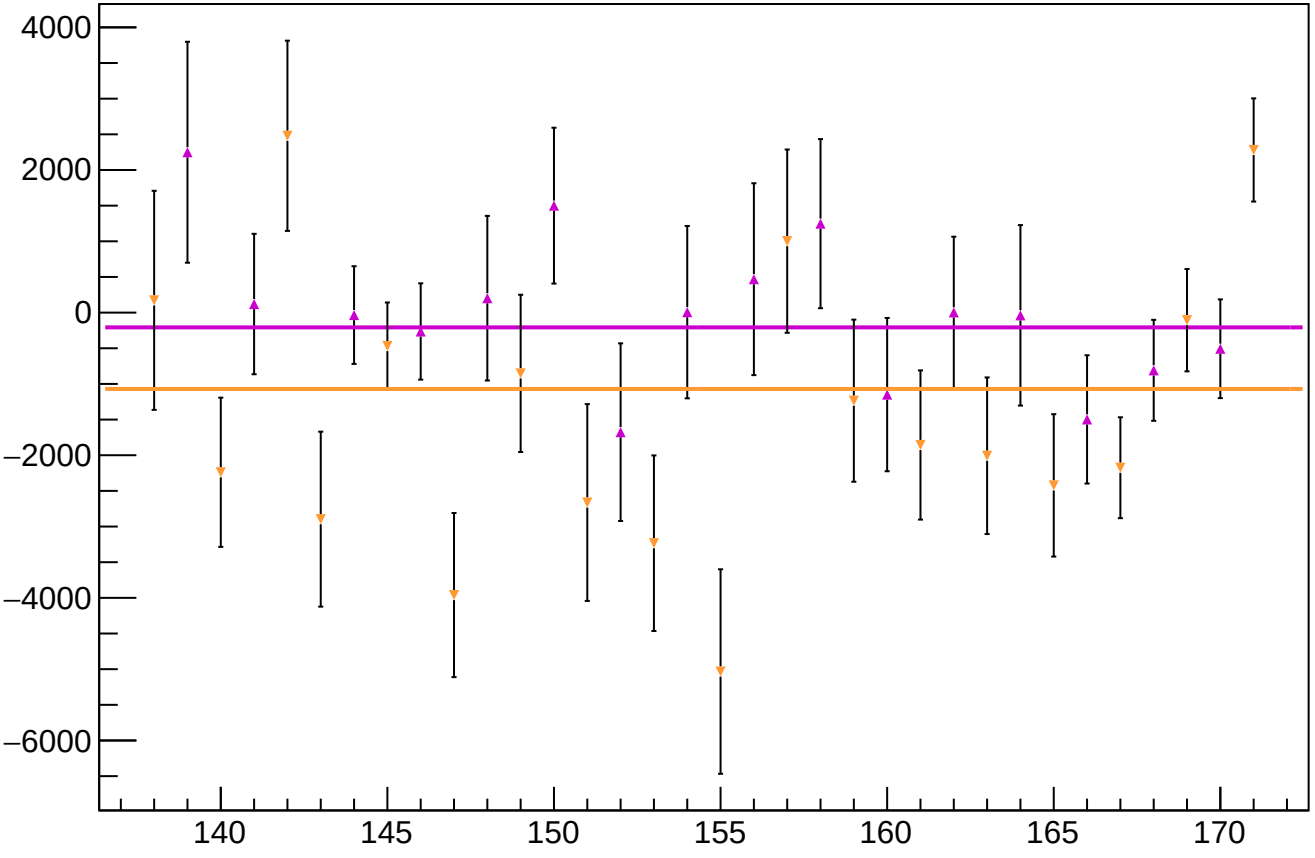
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 106.280+/-0.018 χ^2/NDF:2630704.7/32

Out: 103.157+/-0.017 χ^2/NDF:3239255.3/36

All: 104.635+/-0.012 χ^2/NDF: 5885872.5/69

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1070.449+/-232.677 χ^2/NDF:62.0/17

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

Left In: -207.009+/-238.026 χ^2/NDF:12.2/15

Left: -648.540+/-166.386 χ^2/NDF: 81.0/33

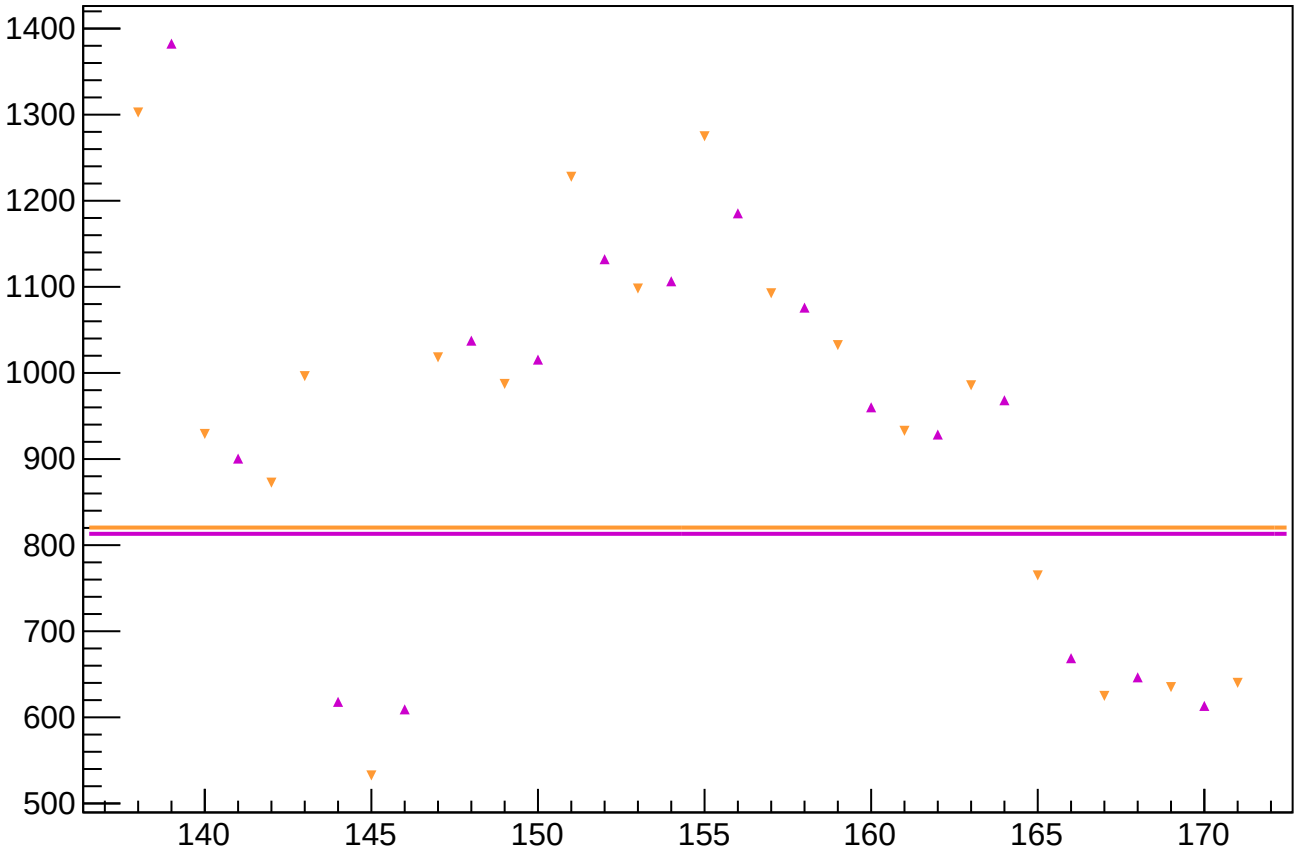
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -207.009+/-238.026 χ^2/NDF:12.2/15

Out: -1070.449+/-232.677 χ^2/NDF:62.0/17

All: -648.540+/-166.386 χ^2/NDF: 81.0/33

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 820.434+/-0.165 χ^2/NDF:1933124.6/17

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

Left In: 813.152+/-0.168 χ^2/NDF:1695241.3/15

Left: 816.876+/-0.118 χ^2/NDF: 3629322.9/33

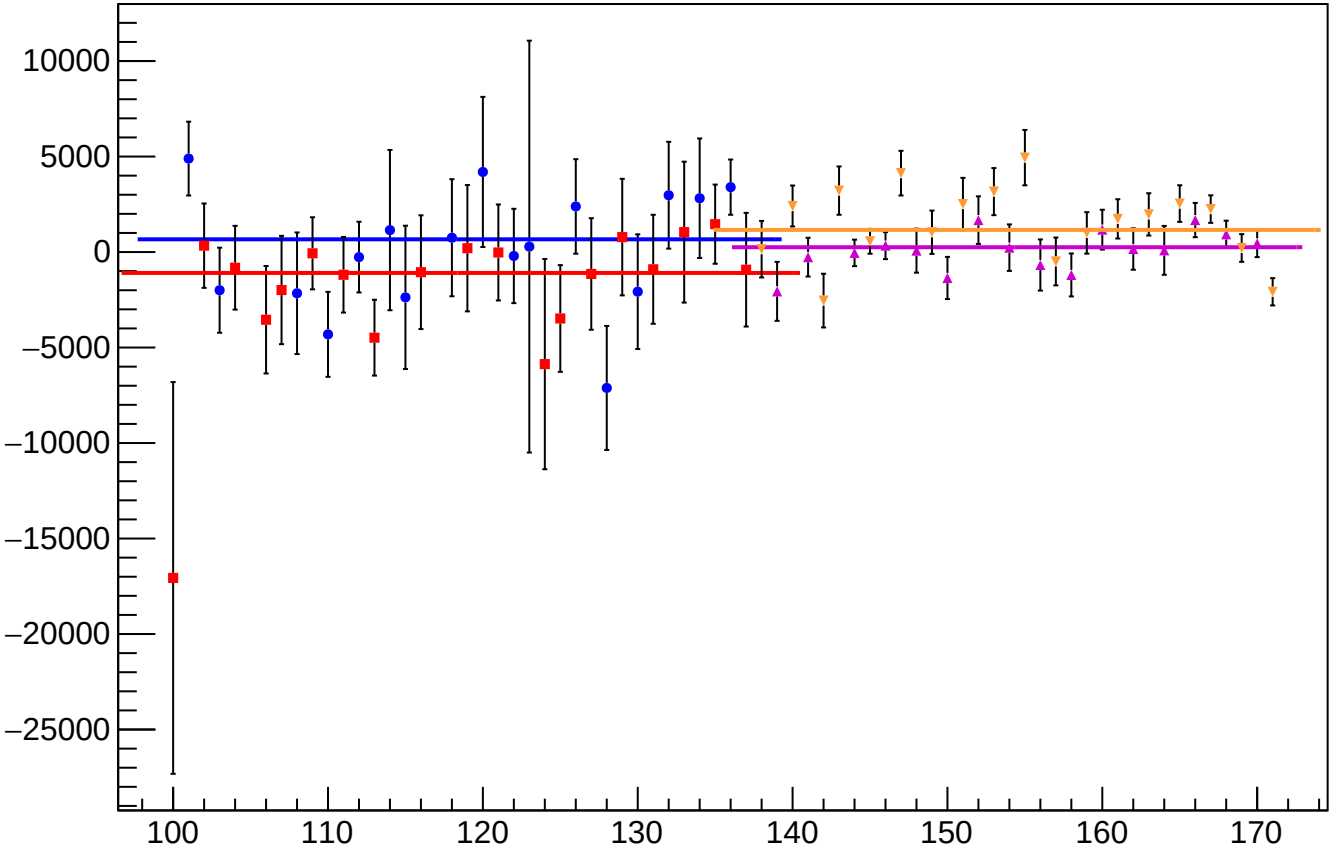
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 813.152+/-0.168 χ^2/NDF:1695241.3/15

Out: 820.434+/-0.165 χ^2/NDF:1933124.6/17

All: 816.876+/-0.118 χ^2/NDF: 3629322.9/33

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1159.372+/-234.924 χ^2/NDF:58.4/17

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: 252.149+/-240.810 χ^2/NDF:12.6/15

Left: 716.983+/-168.159 χ^2/NDF: 78.2/33

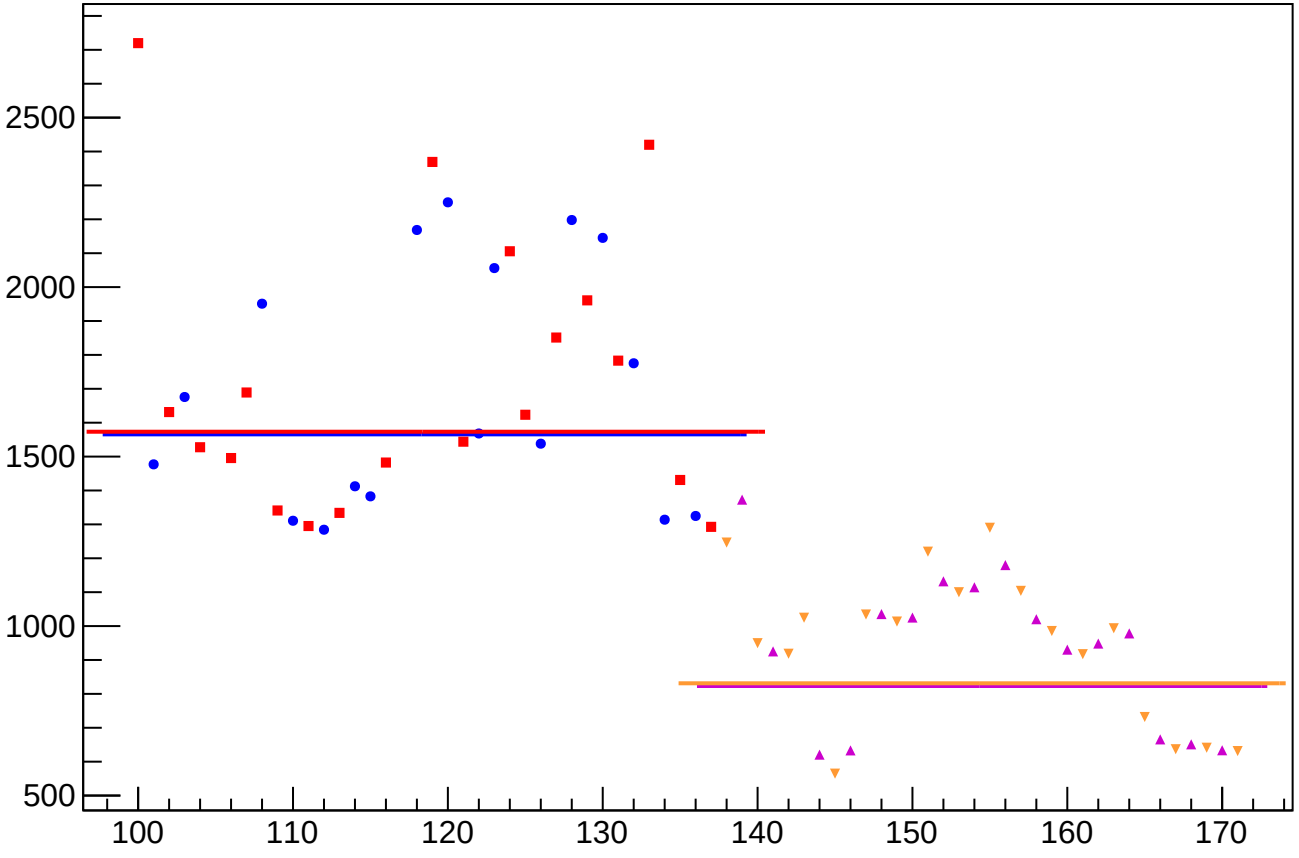
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 306.634+/-224.418 χ^2/NDF:38.6/32

Out: 862.076+/-218.881 χ^2/NDF:81.5/36

All: 591.291+/-156.693 χ^2/NDF: 123.3/69

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 831.200+/-0.166 χ^2/NDF:1793000.5/17

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 823.265+/-0.170 χ^2/NDF:1558819.8/15

Left: 827.331+/-0.119 χ^2/NDF: 3352933.1/33

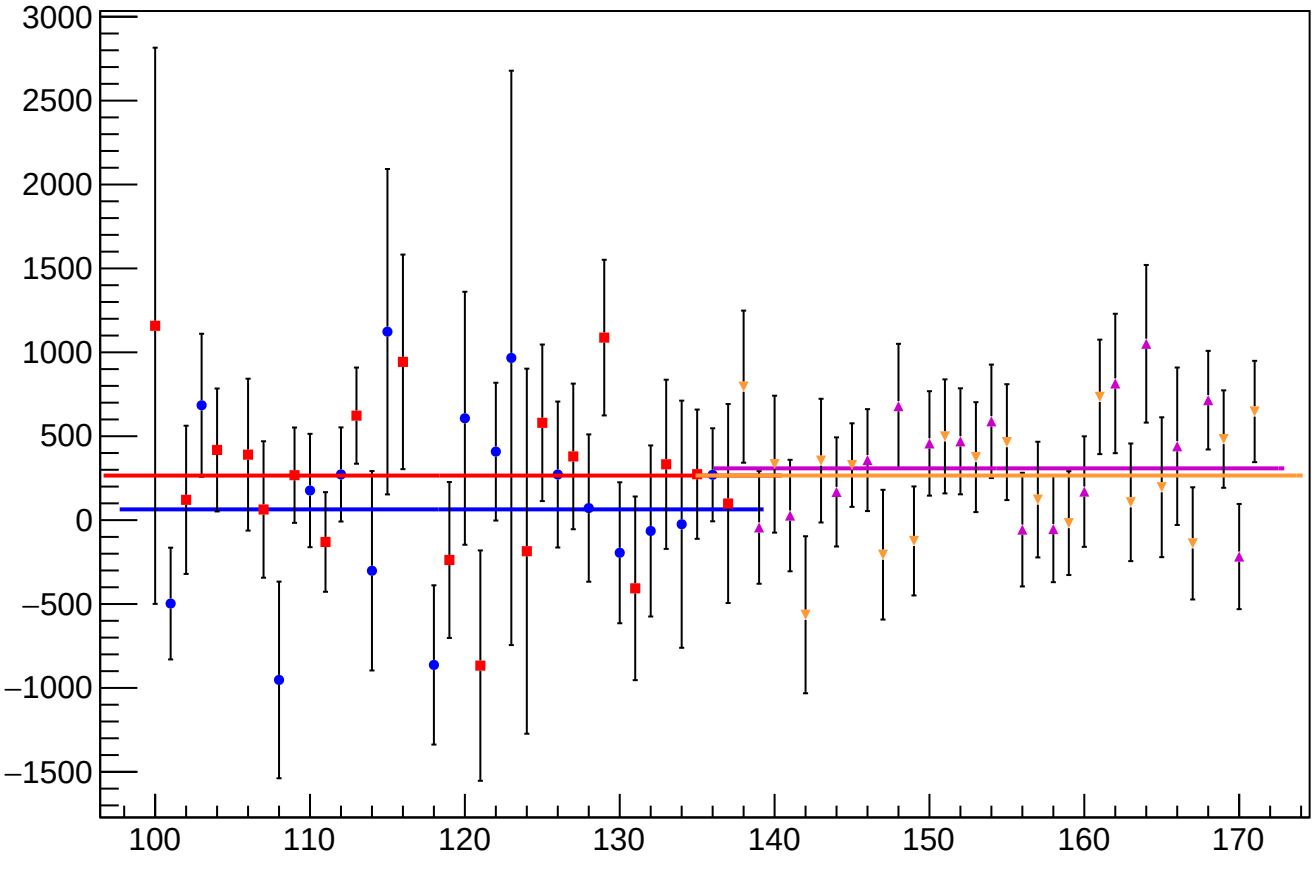
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 920.892+/-0.159 χ^2/NDF:4549183.9/32

Out: 929.105+/-0.155 χ^2/NDF:4888202.4/36

All: 925.101+/-0.111 χ^2/NDF: 9438759.0/69

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 265.909+/-80.418 χ^2/NDF:15.3/17

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 308.512+/-84.787 χ^2/NDF:15.6/15

Left: 286.085+/-58.348 χ^2/NDF: 31.0/33

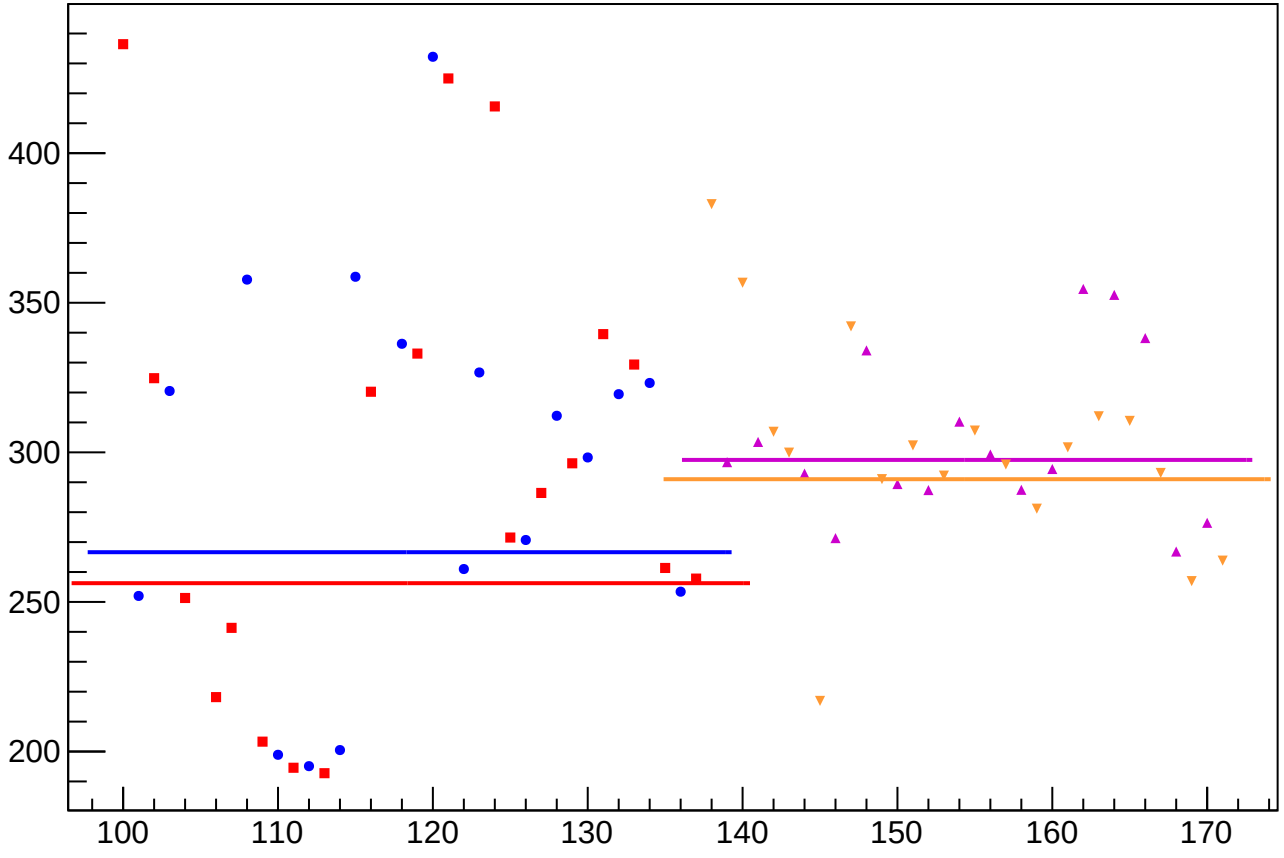
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 212.413+/-66.049 χ^2/NDF:35.7/32

Out: 265.811+/-62.514 χ^2/NDF:29.9/36

All: 240.579+/-45.402 χ^2/NDF: 65.9/69

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 291.025+/-0.057 χ^2/NDF:416230.8/17

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 297.473+/-0.060 χ^2/NDF:154959.9/15

Left: 294.078+/-0.041 χ^2/NDF: 577279.4/33

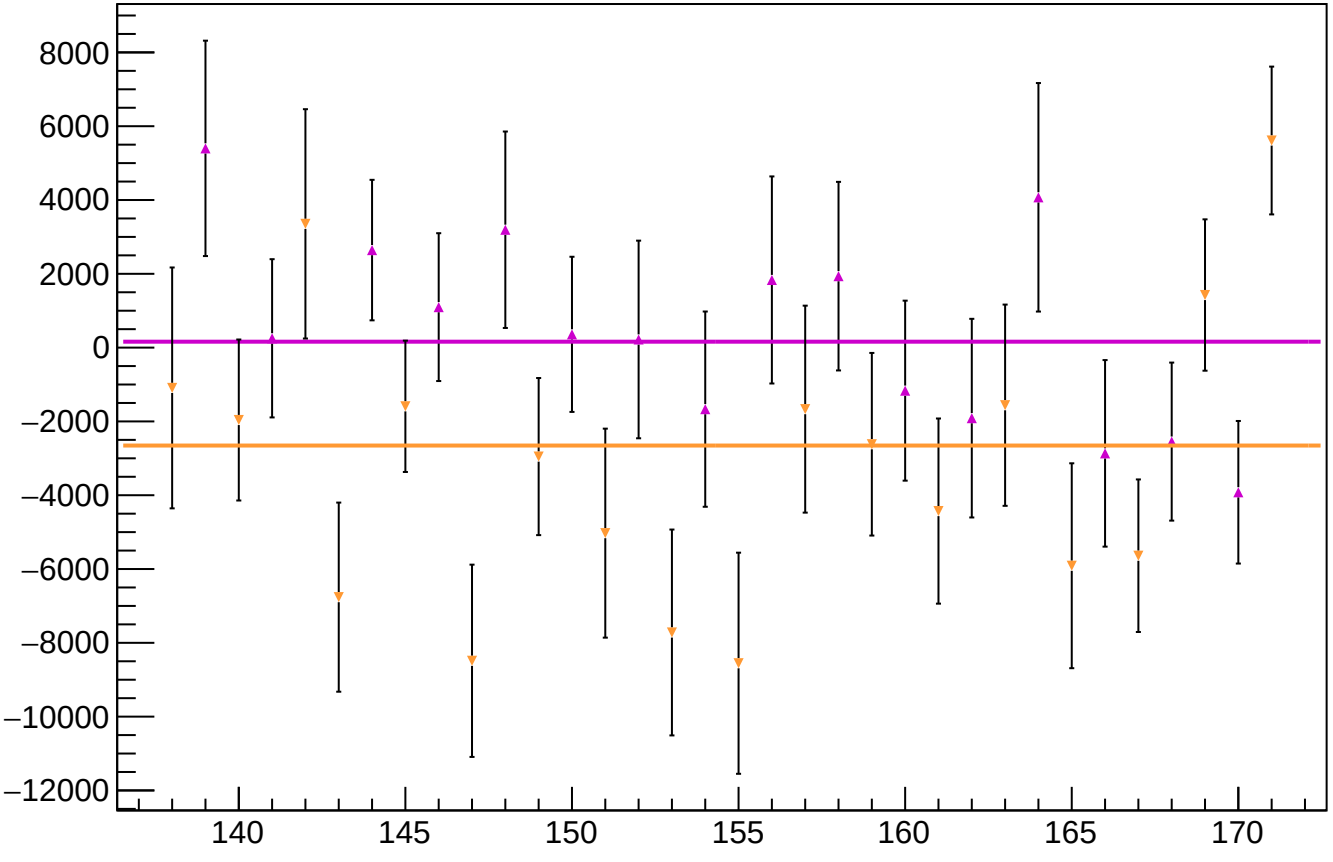
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 285.344+/-0.047 χ^2/NDF:809801.1/32

Out: 277.272+/-0.044 χ^2/NDF:1260956.3/36

All: 281.086+/-0.032 χ^2/NDF: 2086516.5/69

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -2653.649+/-573.255 χ^2/NDF:45.1/17

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

Left In: 160.622+/-593.076 χ^2/NDF:17.7/15

Left: -1294.325+/-412.182 χ^2/NDF: 74.5/33

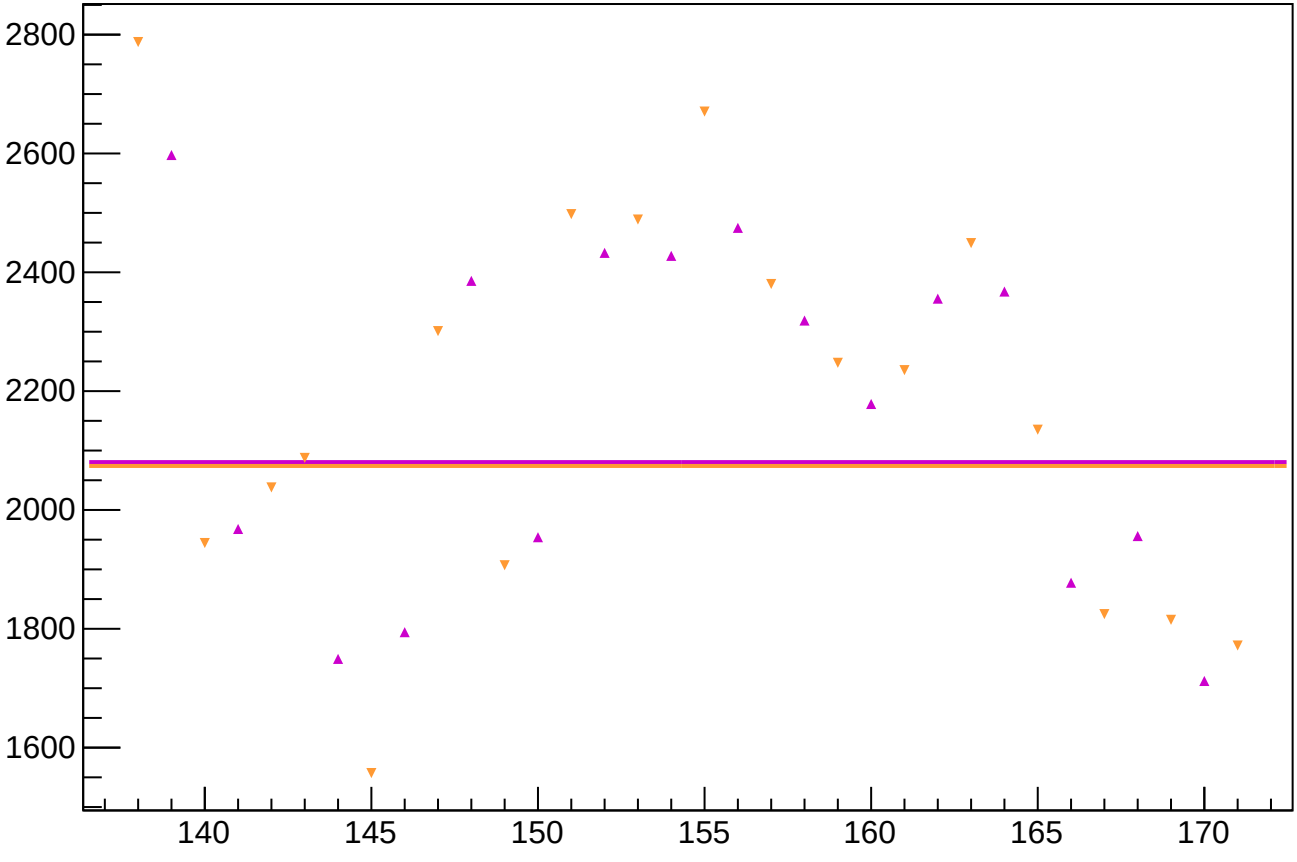
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 160.622+/-593.076 χ^2/NDF:17.7/15

Out: -2653.649+/-573.255 χ^2/NDF:45.1/17

All: -1294.325+/-412.182 χ^2/NDF: 74.5/33

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2074.067+/-0.405 χ^2/NDF:654770.9/17

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

Left In: 2080.557+/-0.419 χ^2/NDF:462688.5/15

Left: 2077.202+/-0.291 χ^2/NDF: 1117583.3/33

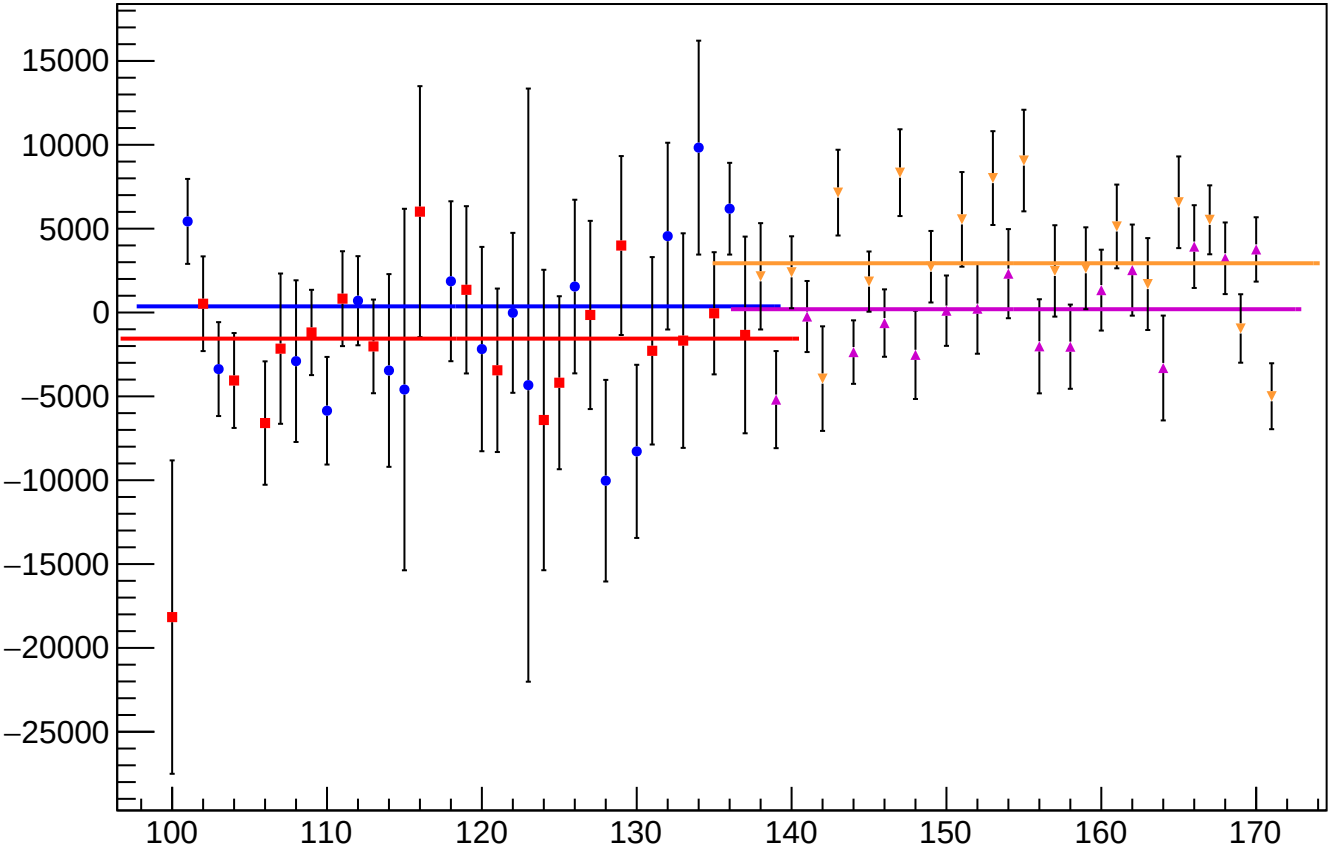
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2080.557+/-0.419 χ^2/NDF:462688.5/15

Out: 2074.067+/-0.405 χ^2/NDF:654770.9/17

All: 2077.202+/-0.291 χ^2/NDF: 1117583.3/33

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 2937.203+/-569.799 χ^2/NDF:45.0/17

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: 196.516+/-590.248 χ^2/NDF:18.6/15

Left: 1615.158+/-409.947 χ^2/NDF: 74.7/33

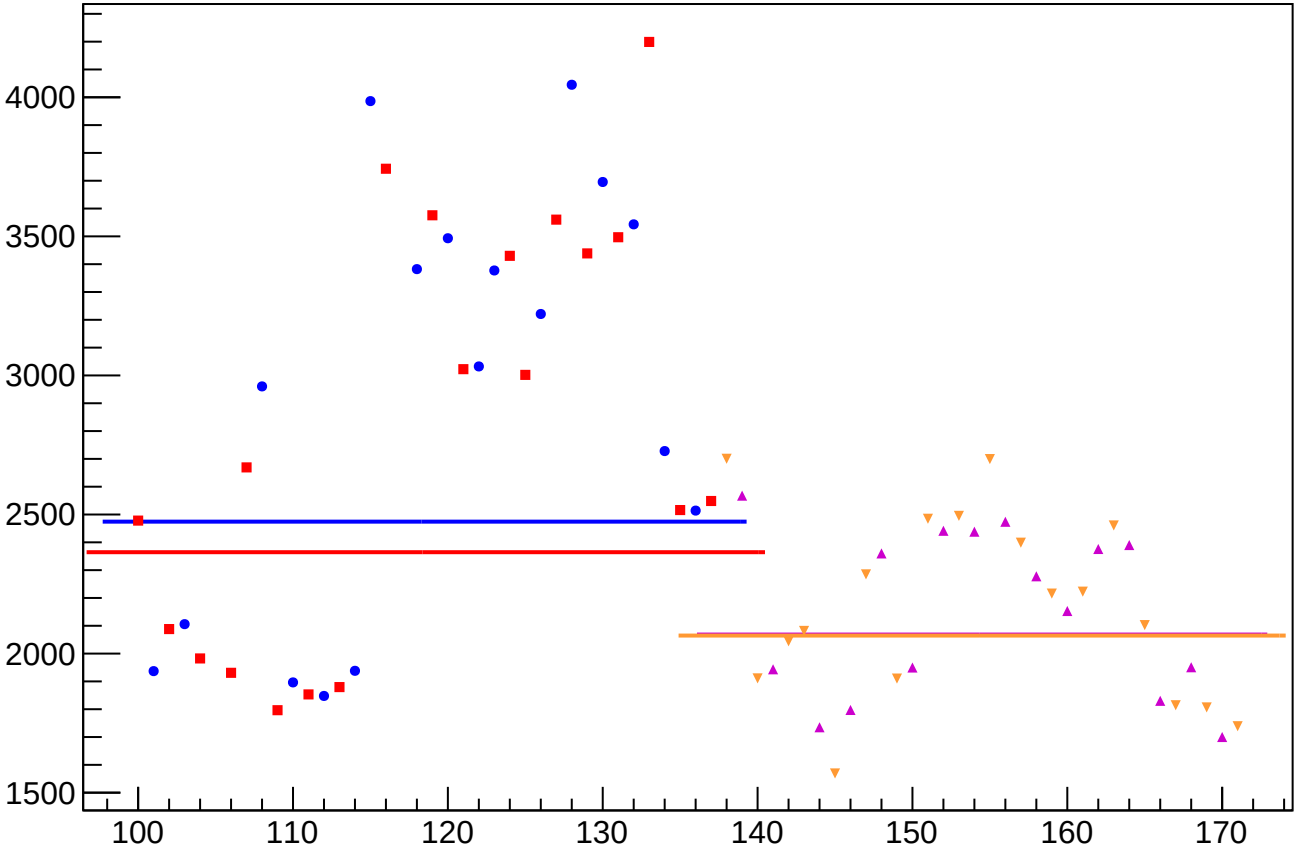
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: 240.917+/-507.312 χ^2/NDF:42.8/32

Out: 1698.915+/-484.997 χ^2/NDF:72.6/36

All: 1002.687+/-350.568 χ^2/NDF: 119.8/69

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2064.815+/-0.403 χ^2/NDF:652284.8/17

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2068.409+/-0.417 χ^2/NDF:476408.6/15

Left: 2066.549+/-0.290 χ^2/NDF: 1128731.7/33

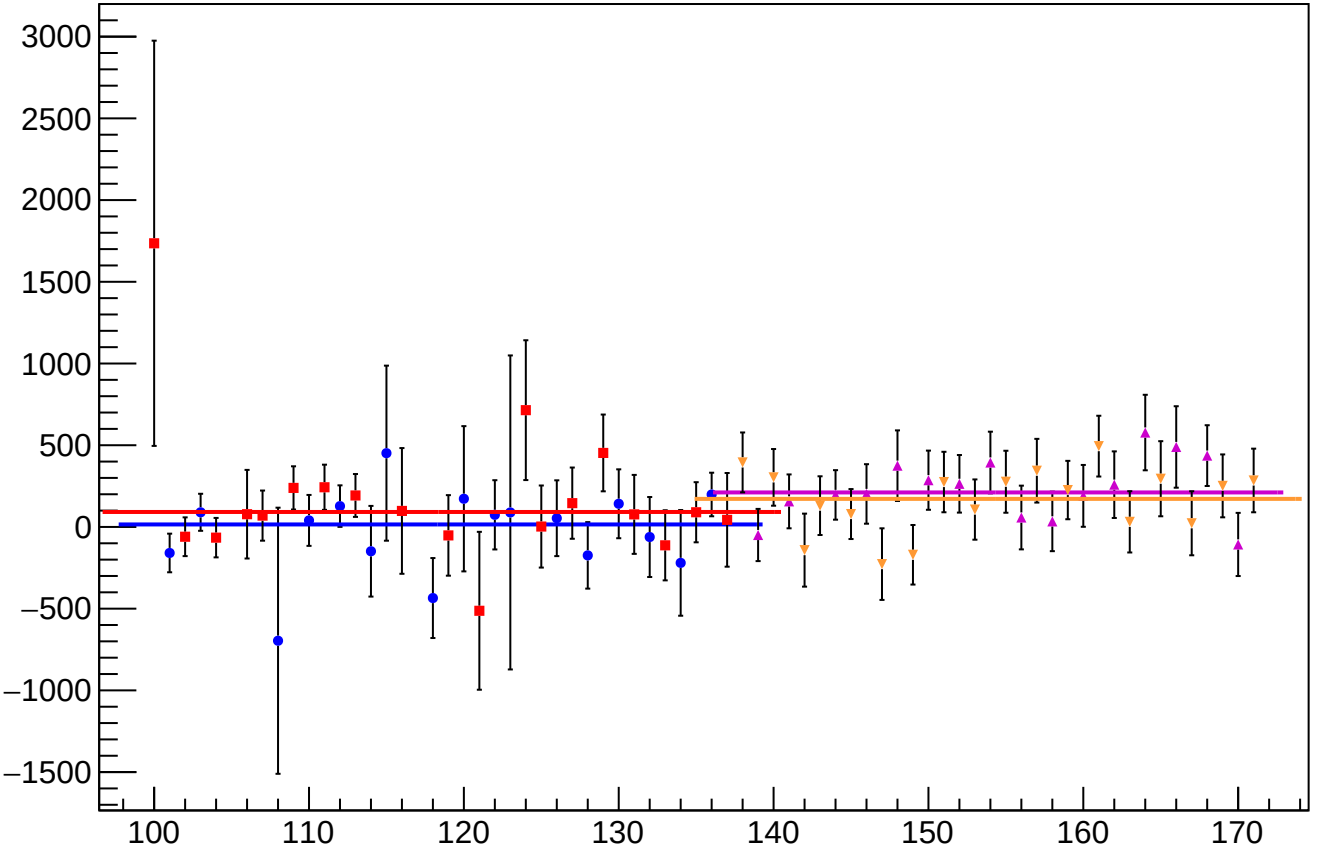
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2174.483+/-0.359 χ^2/NDF:1629886.1/32

Out: 2147.382+/-0.343 χ^2/NDF:1828116.9/36

All: 2160.324+/-0.248 χ^2/NDF: 3460985.1/69

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 171.719+/-44.382 χ^2/NDF:17.9/17

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 211.142+/-46.573 χ^2/NDF:14.1/15

Left: 190.481+/-32.130 χ^2/NDF: 32.4/33

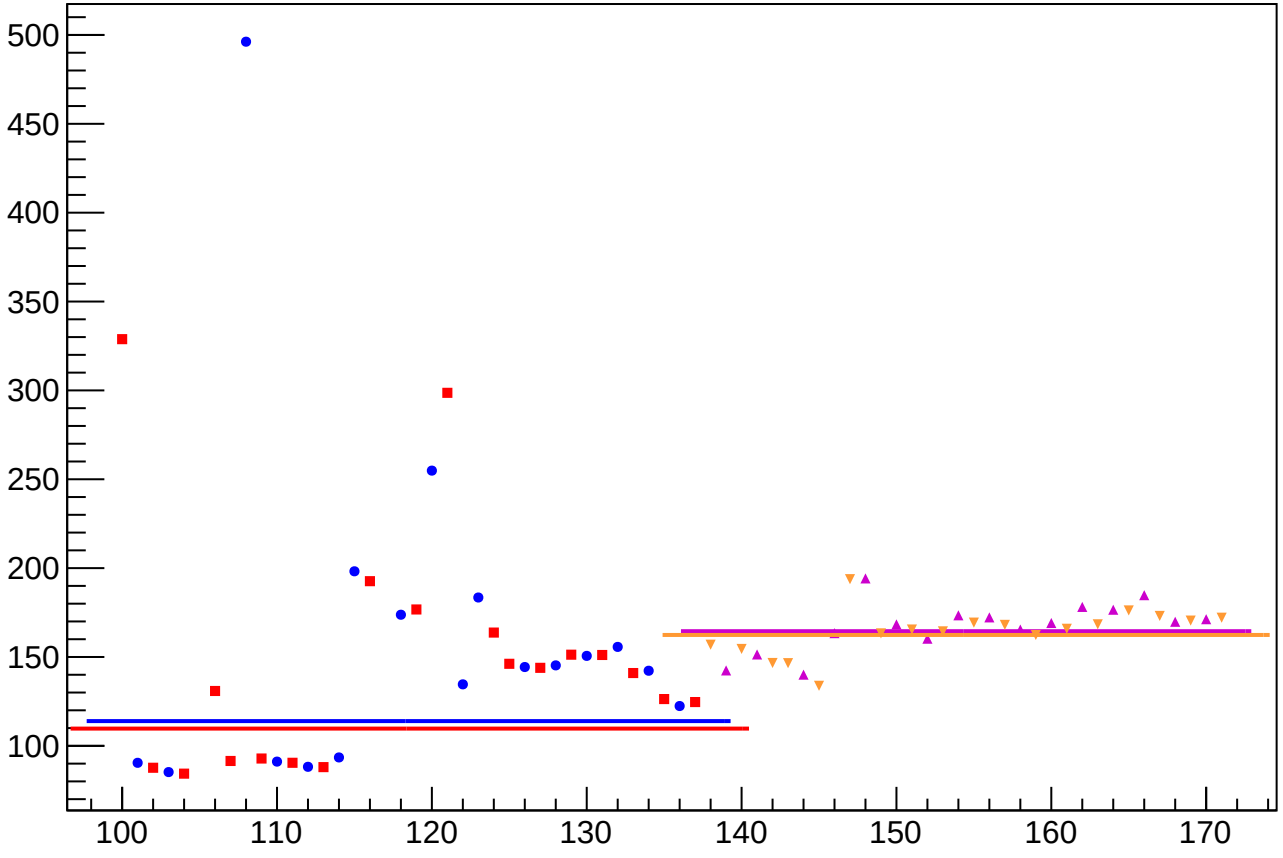
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 112.949+/-32.886 χ^2/NDF:35.6/32

Out: 130.705+/-31.000 χ^2/NDF:35.2/36

All: 122.351+/-22.558 χ^2/NDF: 70.9/69

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 162.399+/-0.031 χ^2/NDF:172221.9/17

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 164.517+/-0.033 χ^2/NDF:183552.3/15

Left: 163.407+/-0.023 χ^2/NDF: 357942.7/33

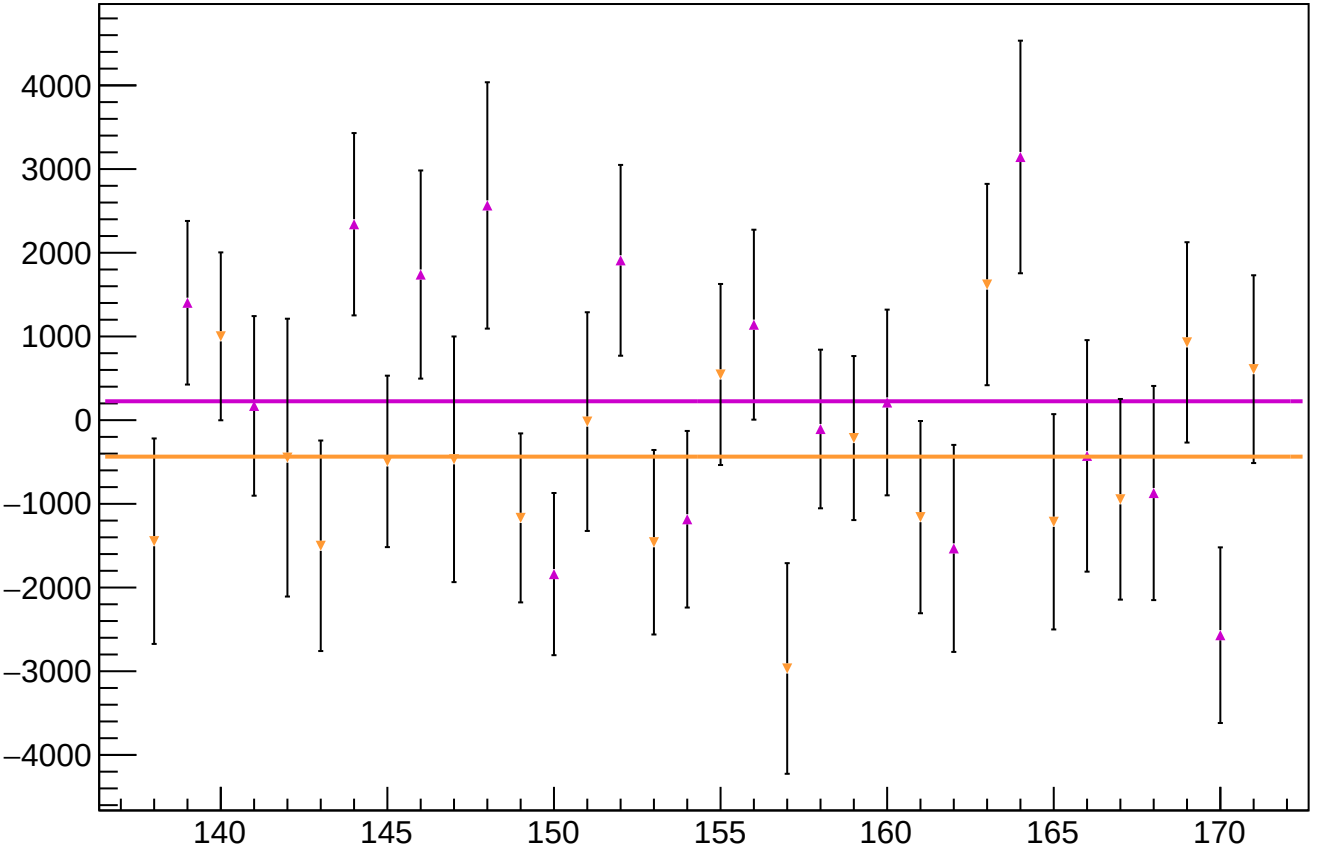
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 139.154+/-0.023 χ^2/NDF:2774411.9/32

Out: 135.415+/-0.022 χ^2/NDF:2857823.7/36

All: 137.174+/-0.016 χ^2/NDF: 5645922.1/69

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -435.885+/-274.929 χ^2/NDF:15.9/17

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

Left In: 225.643+/-282.665 χ^2/NDF:33.0/15

Left: -114.297+/-197.082 χ^2/NDF: 51.7/33

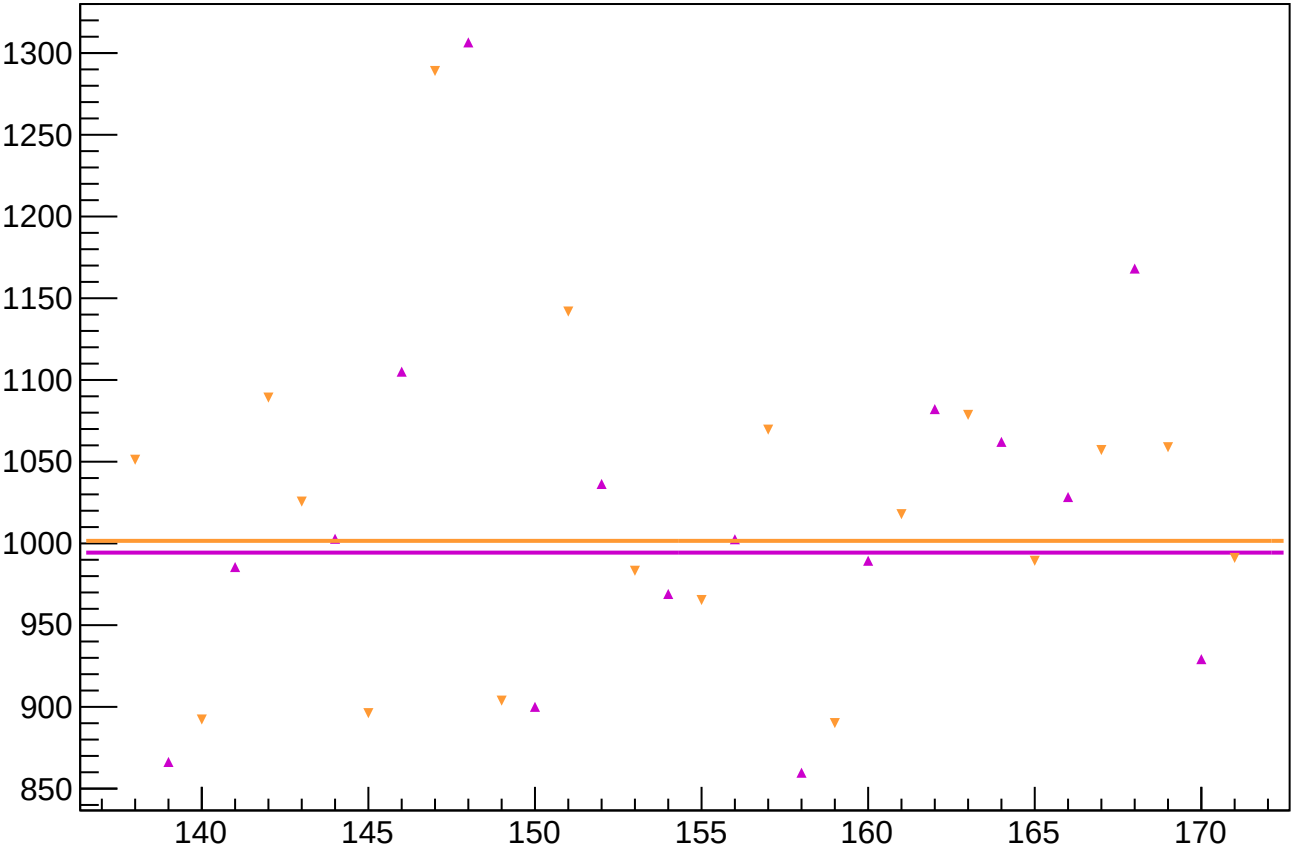
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 225.643+/-282.665 χ^2/NDF:33.0/15

Out: -435.885+/-274.929 χ^2/NDF:15.9/17

All: -114.297+/-197.082 χ^2/NDF: 51.7/33

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 1001.572+/-0.194 χ^2/NDF:225418.1/17

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

Left In: 994.374+/-0.200 χ^2/NDF:264431.7/15

Left: 998.073+/-0.139 χ^2/NDF: 490516.3/33

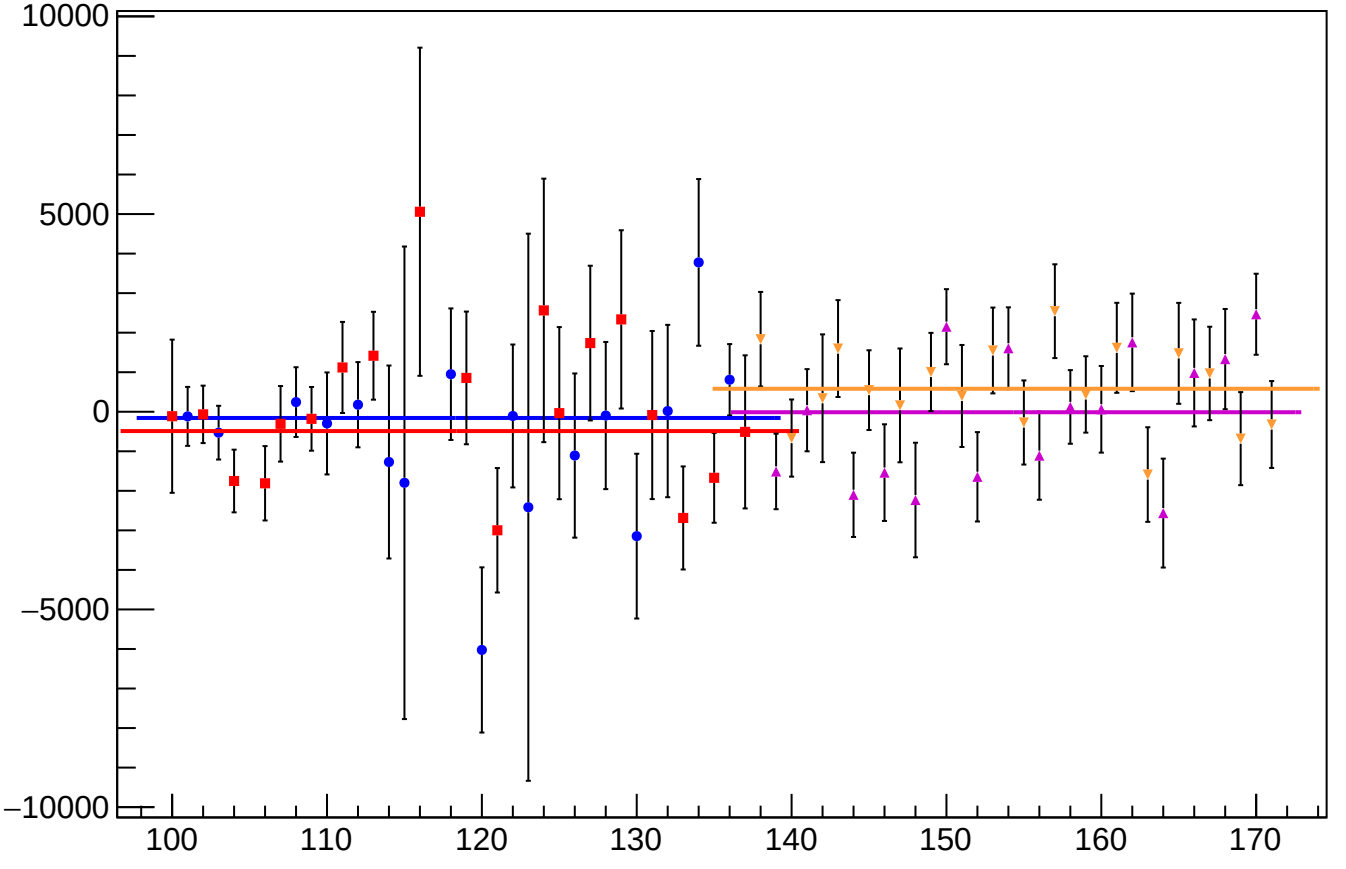
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 994.374+/-0.200 χ^2/NDF:264431.7/15

Out: 1001.572+/-0.194 χ^2/NDF:225418.1/17

All: 998.073+/-0.139 χ^2/NDF: 490516.3/33

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 581.265+/-269.645 χ^2/NDF:14.5/17

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -11.955+/-277.661 χ^2/NDF:33.9/15

Left: 293.341+/-193.439 χ^2/NDF: 50.7/33

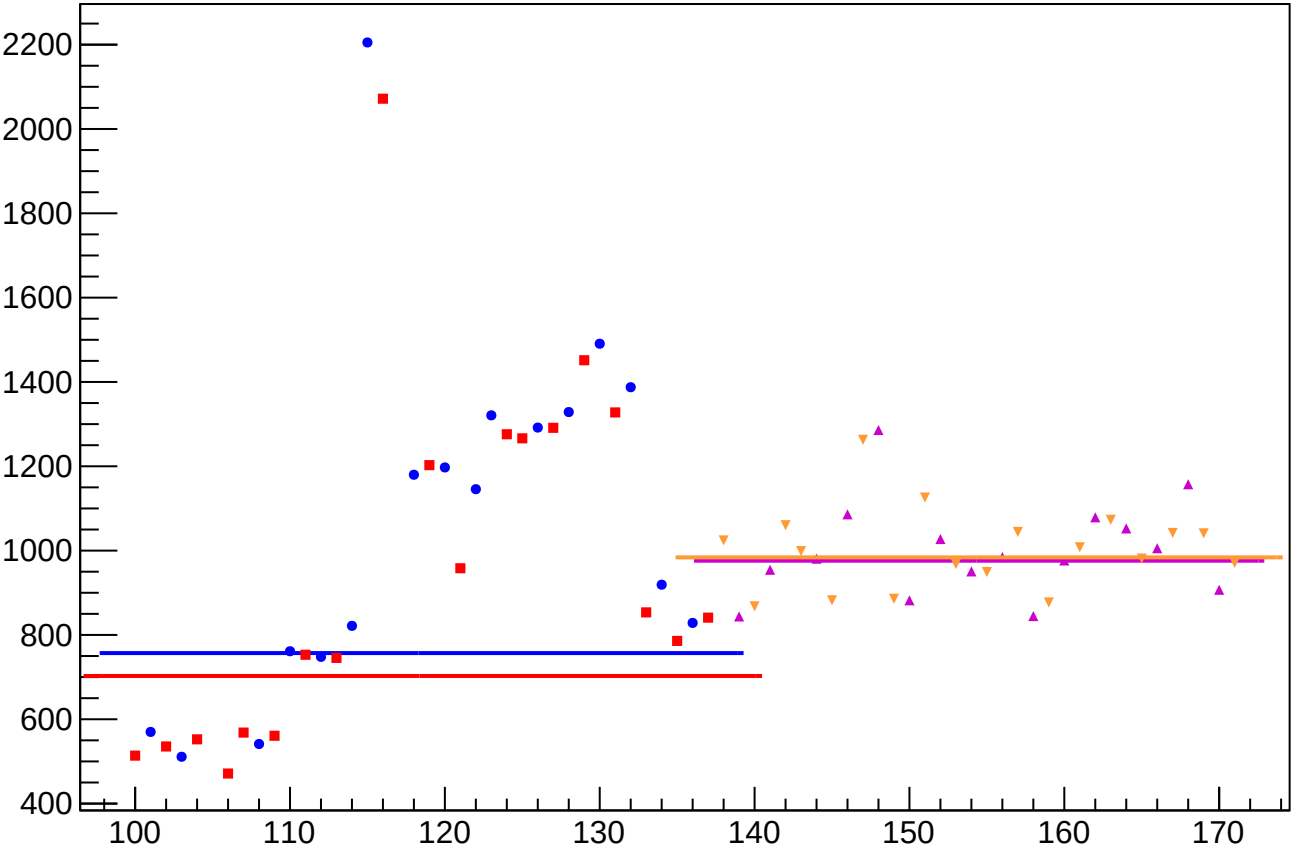
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -76.024+/-207.565 χ^2/NDF:50.3/32

Out: 71.724+/-195.139 χ^2/NDF:44.6/36

All: 2.405+/-142.174 χ^2/NDF: 95.2/69

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 983.946+/-0.191 χ^2/NDF:228697.8/17

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 976.099+/-0.196 χ^2/NDF:282810.3/15

Left: 980.137+/-0.137 χ^2/NDF: 512330.1/33

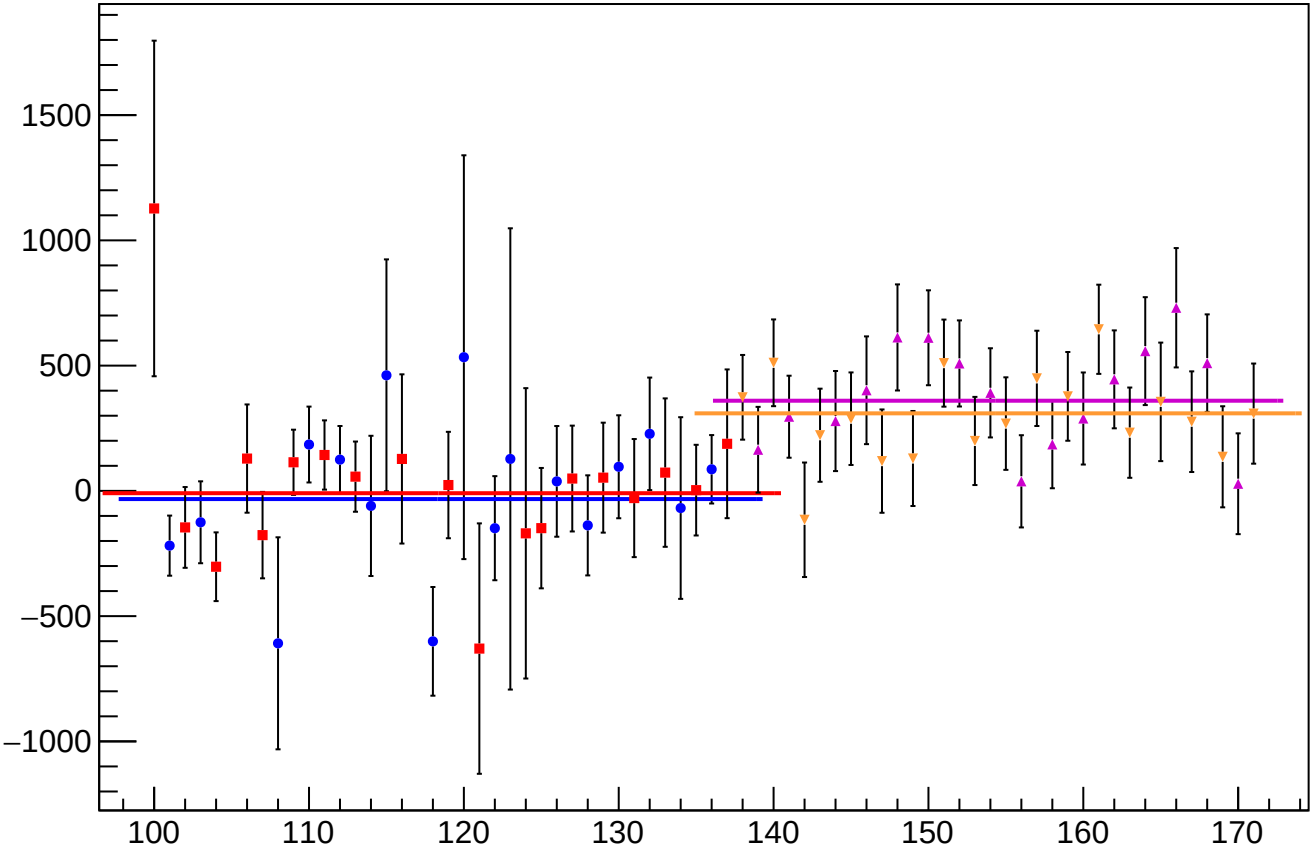
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 879.432+/-0.147 χ^2/NDF:2543572.9/32

Out: 849.975+/-0.138 χ^2/NDF:2954875.0/36

All: 863.795+/-0.101 χ^2/NDF: 5519830.6/69

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 309.499+/-44.459 χ^2/NDF:13.9/17

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 359.881+/-47.570 χ^2/NDF:16.6/15

Left: 332.989+/-32.481 χ^2/NDF: 31.1/33

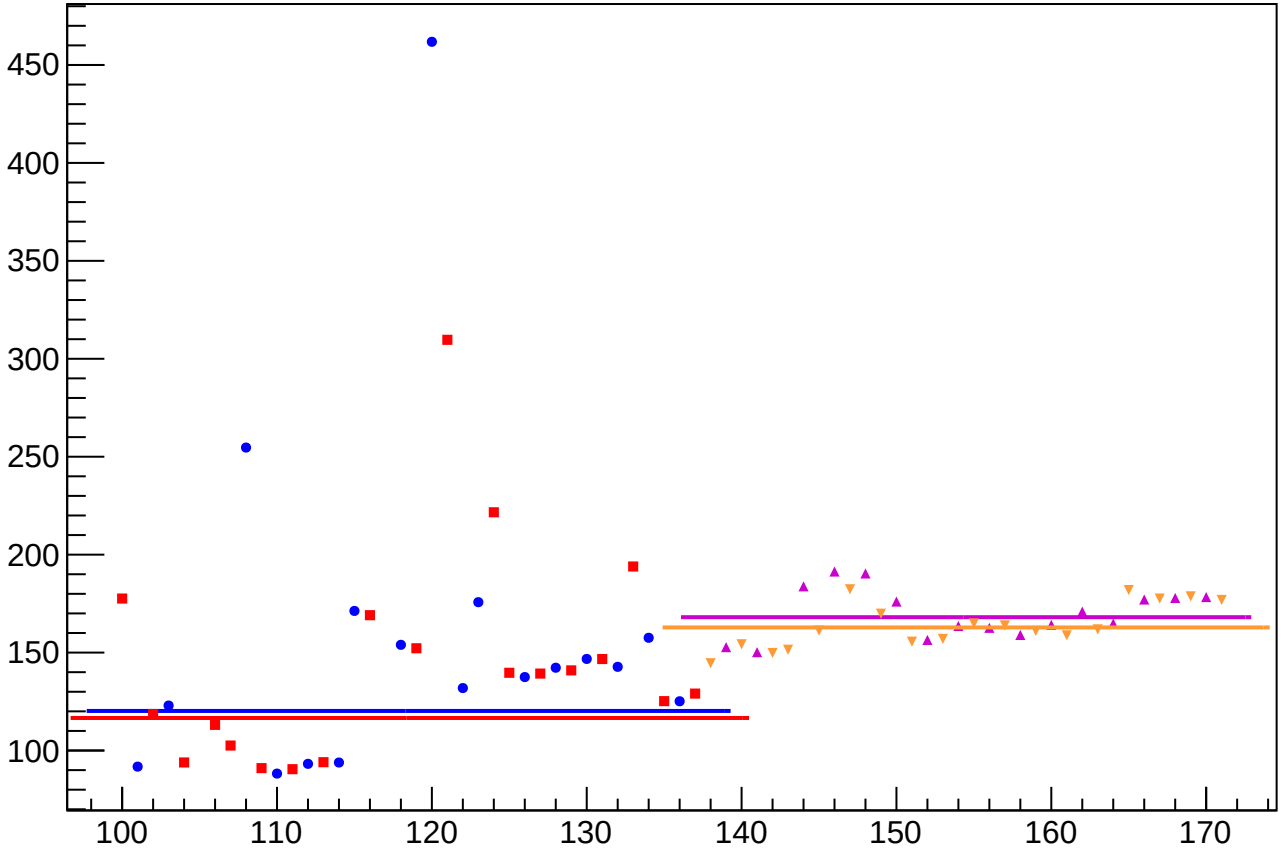
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 167.115+/-33.937 χ^2/NDF:69.8/32

Out: 154.148+/-31.833 χ^2/NDF:53.7/36

All: 160.217+/-23.218 χ^2/NDF: 123.5/69

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 162.831+/-0.031 χ^2/NDF:116392.7/17

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 168.073+/-0.034 χ^2/NDF:133947.1/15

Left: 165.275+/-0.023 χ^2/NDF: 263304.5/33

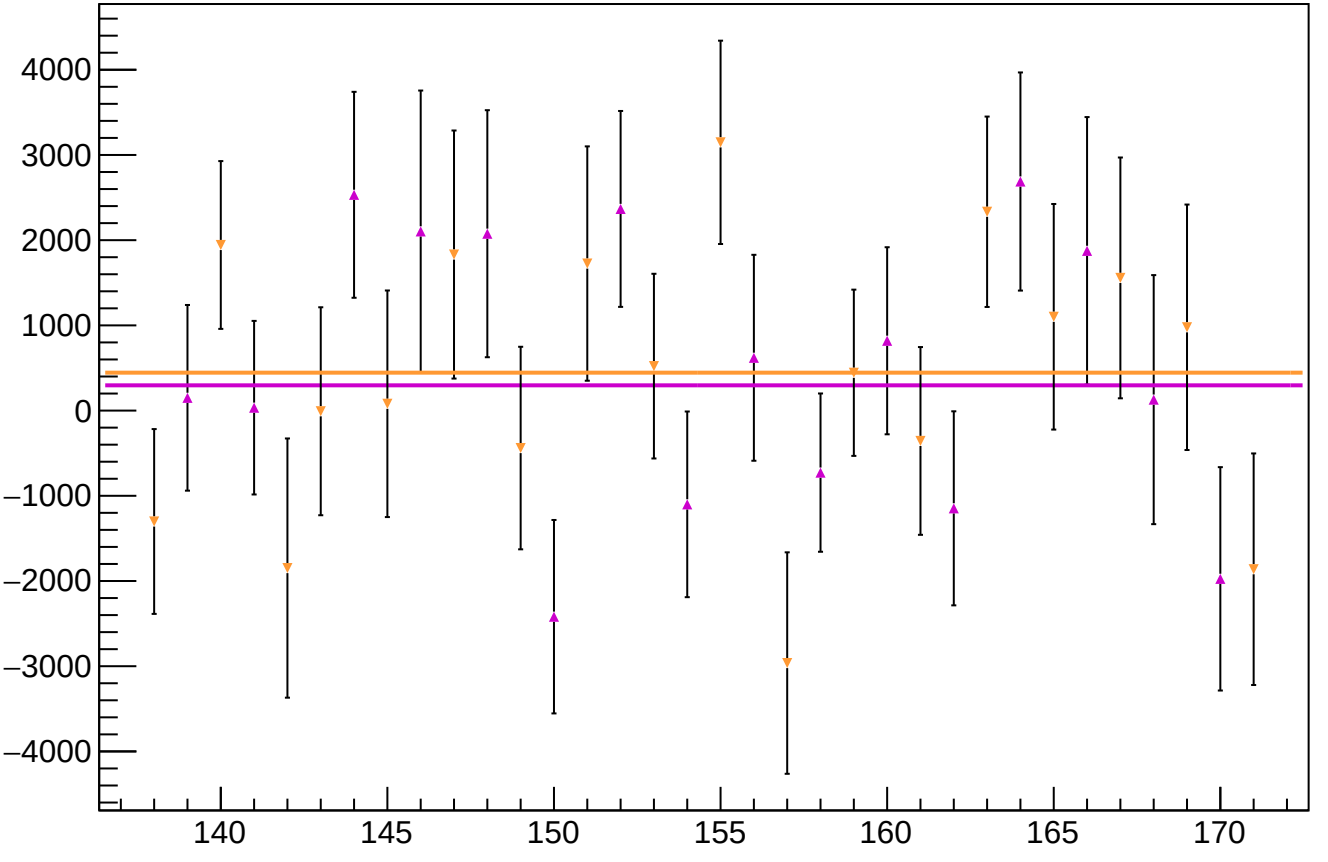
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 144.569+/-0.024 χ^2/NDF:2190625.1/32

Out: 140.310+/-0.023 χ^2/NDF:2167456.0/36

All: 142.303+/-0.016 χ^2/NDF: 4374841.4/69

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 445.104+/-286.578 χ^2/NDF:29.0/17

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

Left In: 296.451+/-298.548 χ^2/NDF:27.5/15

Left: 373.817+/-206.743 χ^2/NDF: 56.6/33

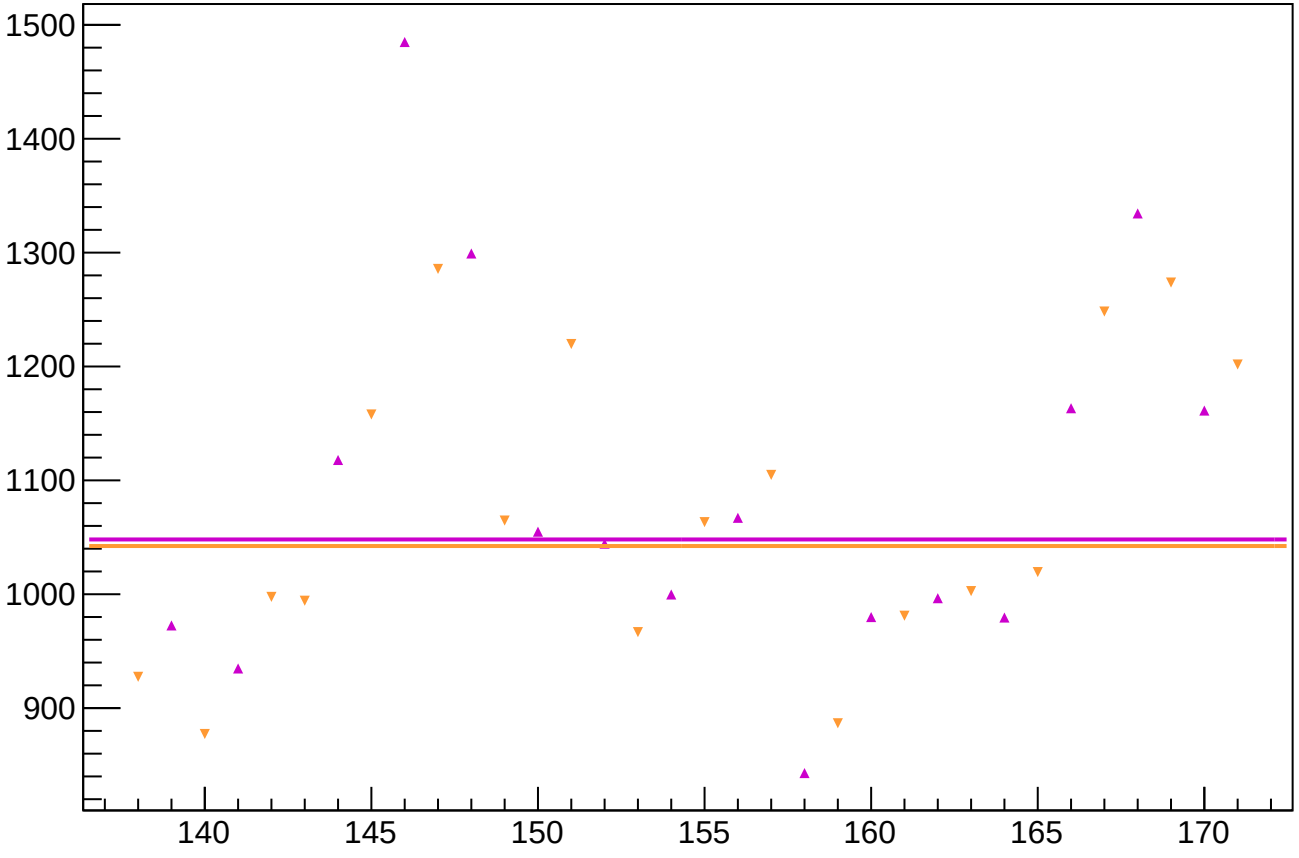
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 296.451+/-298.548 χ^2/NDF:27.5/15

Out: 445.104+/-286.578 χ^2/NDF:29.0/17

All: 373.817+/-206.743 χ^2/NDF: 56.6/33

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1042.335+/-0.203 χ^2/NDF:385240.0/17

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

Left In: 1048.107+/-0.211 χ^2/NDF:462817.2/15

Left: 1045.103+/-0.146 χ^2/NDF: 848446.2/33

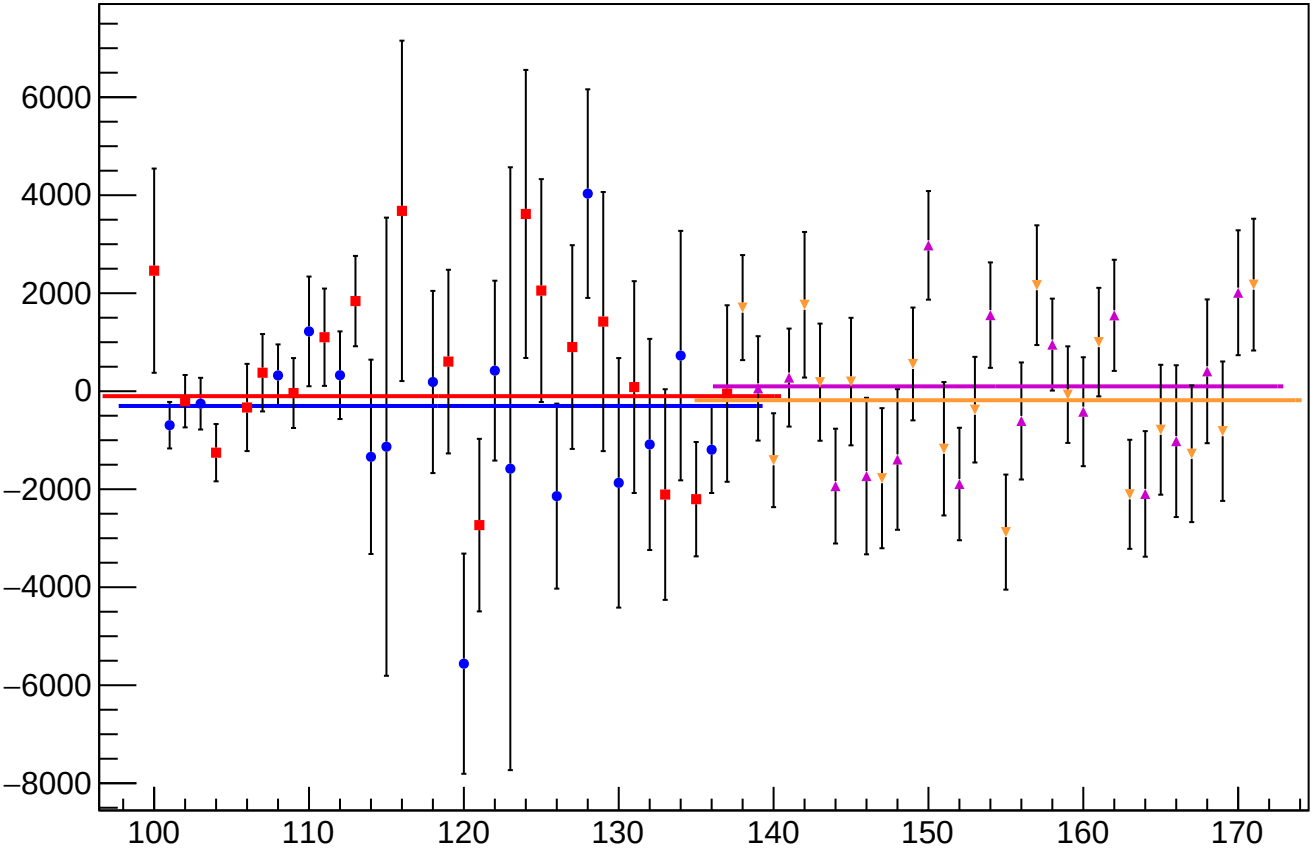
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1048.107+/-0.211 χ^2/NDF:462817.2/15

Out: 1042.335+/-0.203 χ^2/NDF:385240.0/17

All: 1045.103+/-0.146 χ^2/NDF: 848446.2/33

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -183.905+/-282.557 χ^2/NDF:26.0/17

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: 99.097+/-295.480 χ^2/NDF:25.8/15

Left: -48.728+/-204.214 χ^2/NDF: 52.3/33

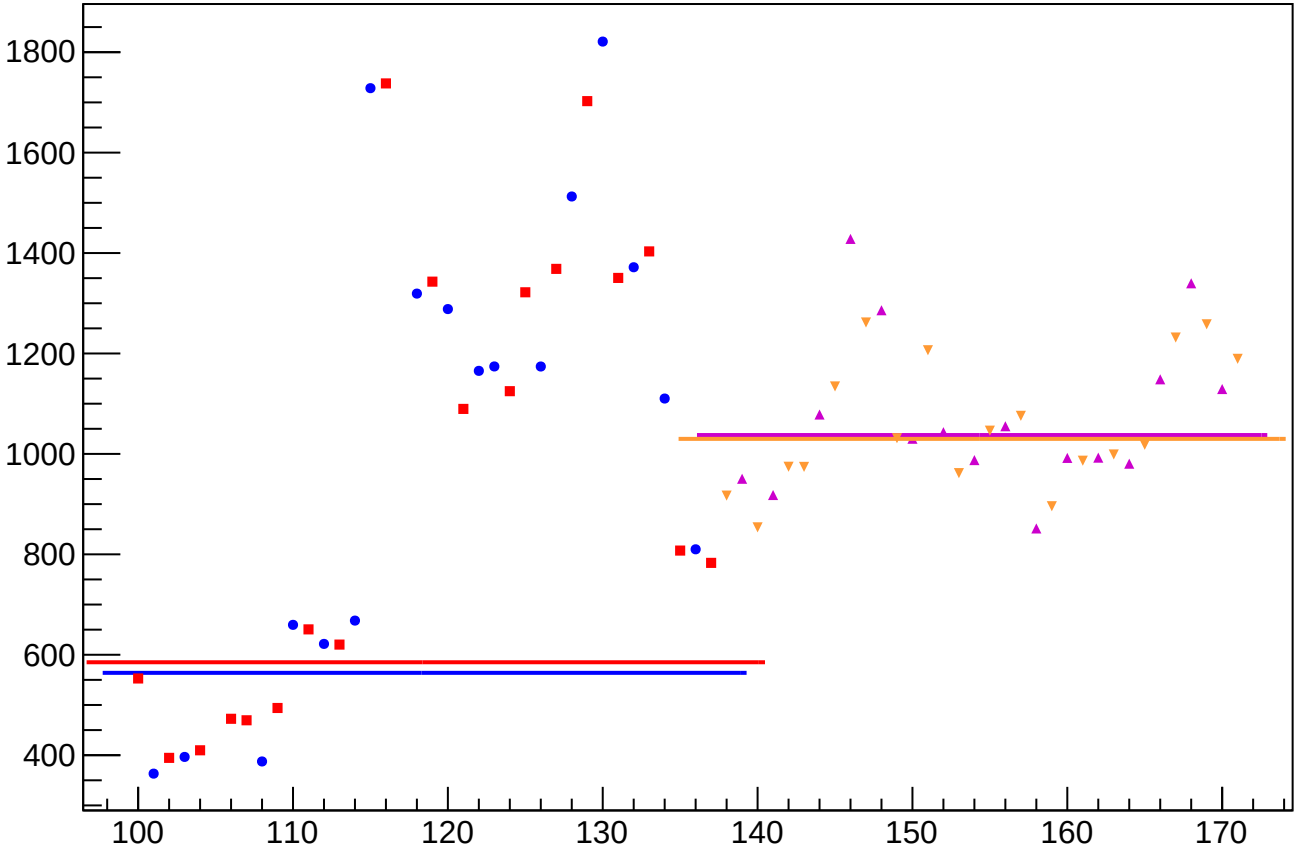
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -134.046+/-190.872 χ^2/NDF:43.7/32

Out: -136.662+/-185.528 χ^2/NDF:48.6/36

All: -135.391+/-133.037 χ^2/NDF: 92.3/69

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1029.942+/-0.200 χ^2/NDF:370598.9/17

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1037.590+/-0.209 χ^2/NDF:423332.0/15

Left: 1033.595+/-0.144 χ^2/NDF: 794630.8/33

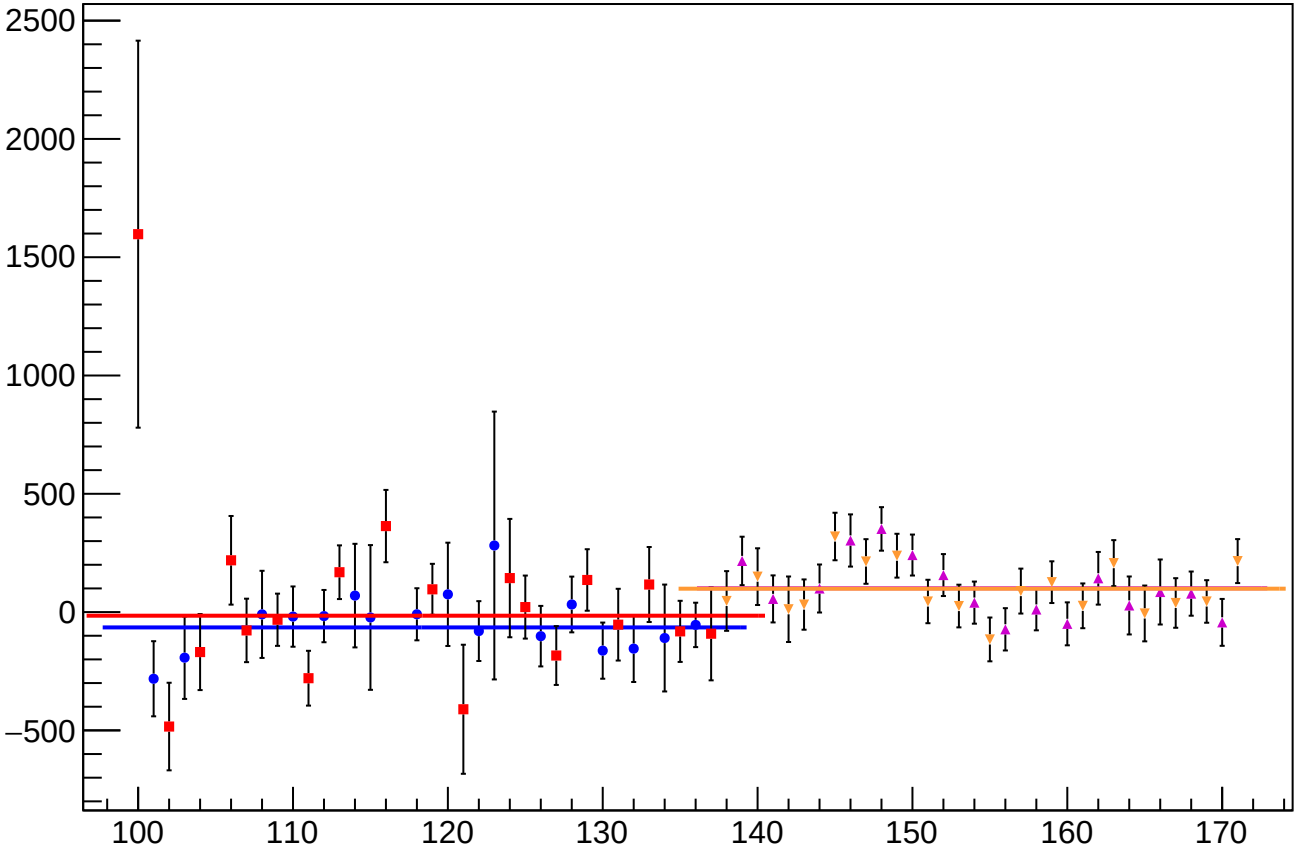
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 761.623+/-0.135 χ^2/NDF:6678685.9/32

Out: 776.866+/-0.131 χ^2/NDF:6011794.3/36

All: 769.461+/-0.094 χ^2/NDF: 12697039.2/69

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 98.893+/-23.447 χ^2/NDF:21.1/17

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 100.511+/-24.448 χ^2/NDF:26.0/15

Left: 99.668+/-16.922 χ^2/NDF: 47.1/33

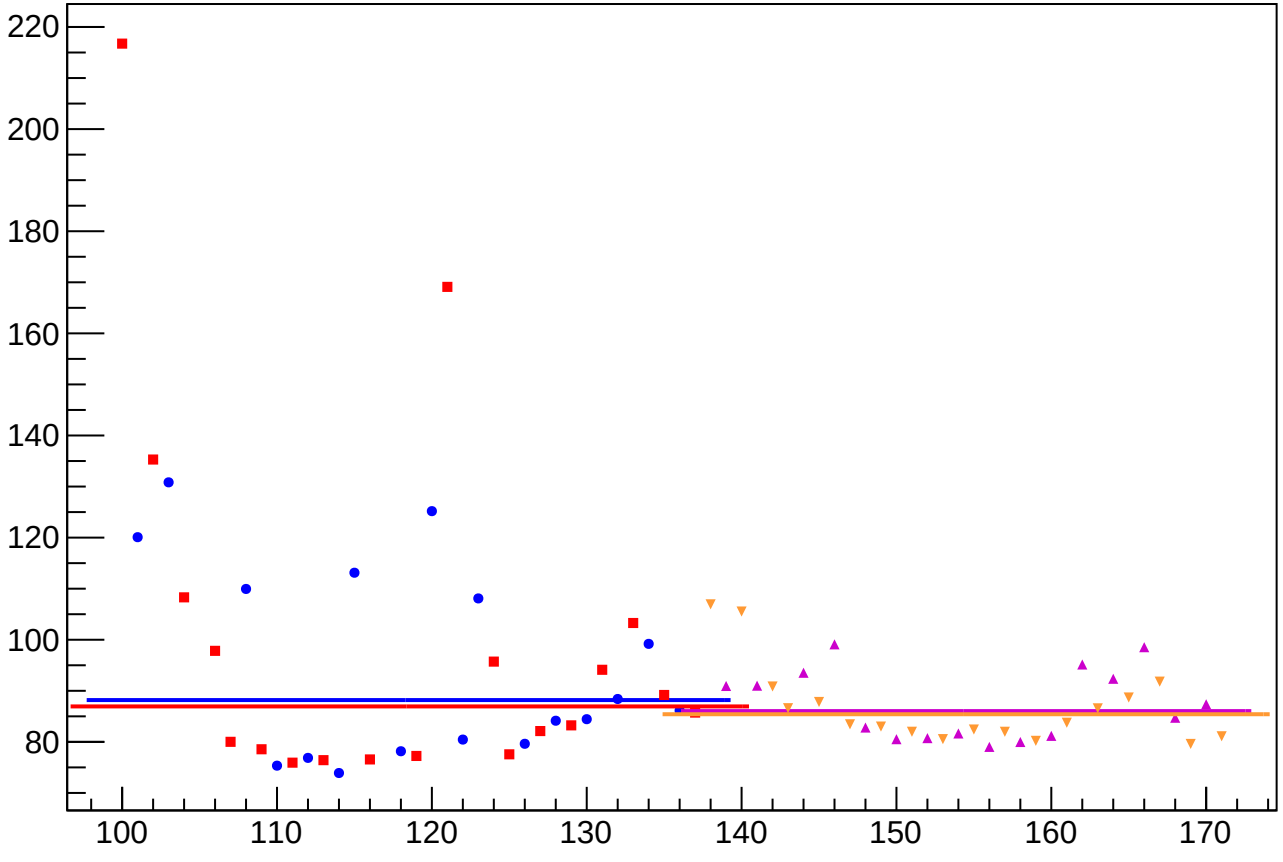
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 45.525+/-19.972 χ^2/NDF:47.4/32

Out: 61.230+/-19.194 χ^2/NDF:63.9/36

All: 53.689+/-13.839 χ^2/NDF: 111.6/69

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 85.414+/-0.017 χ^2/NDF:164066.2/17

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 86.027+/-0.017 χ^2/NDF:134708.6/15

Left: 85.708+/-0.012 χ^2/NDF: 299429.4/33

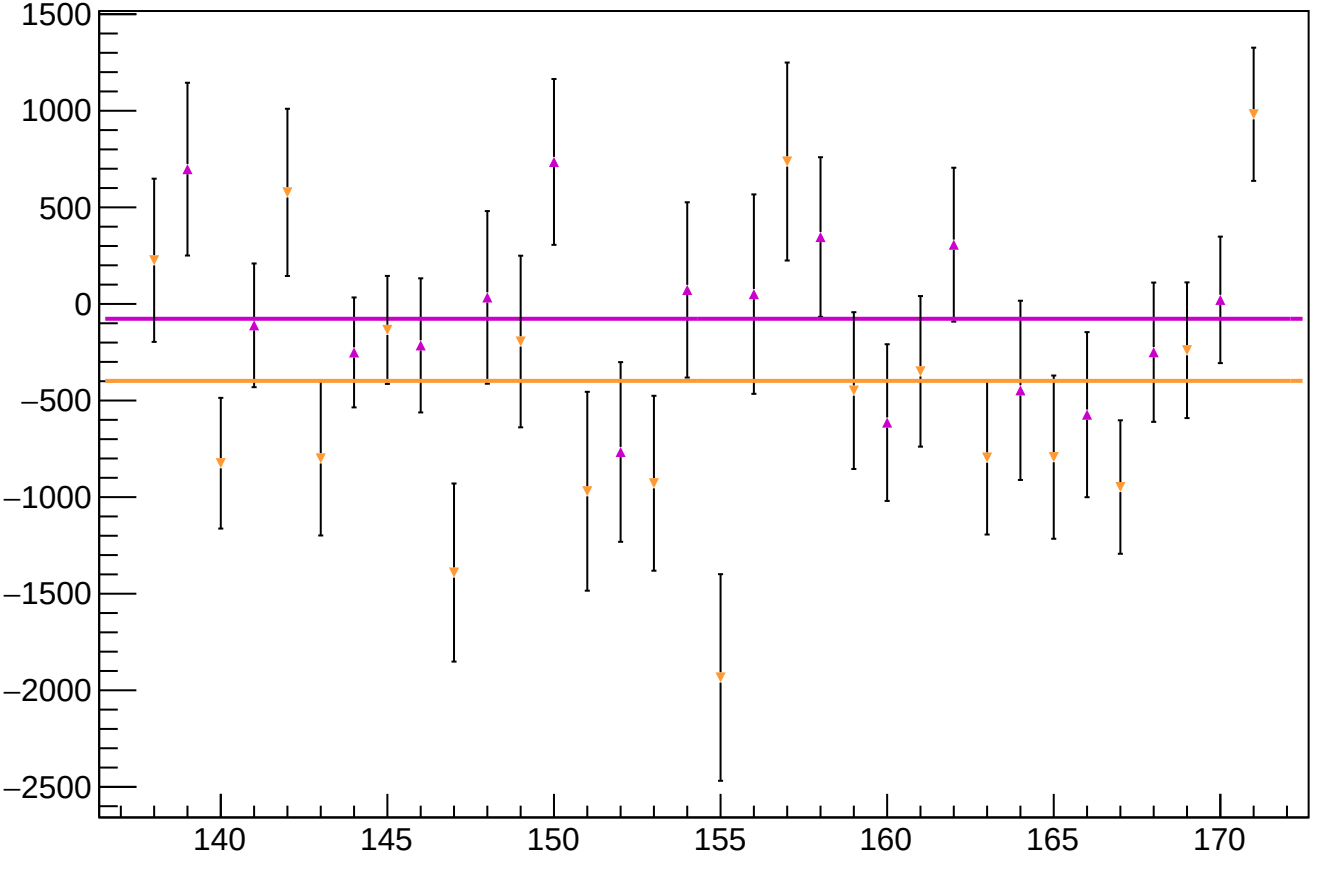
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 86.745+/-0.014 χ^2/NDF:534344.4/32

Out: 85.919+/-0.014 χ^2/NDF:698229.8/36

All: 86.315+/-0.010 χ^2/NDF: 1234355.9/69

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -398.089+/-93.683 χ^2/NDF:52.0/17

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

Left In: -76.800+/-97.844 χ^2/NDF:15.6/15

Left: -244.422+/-67.667 χ^2/NDF: 73.2/33

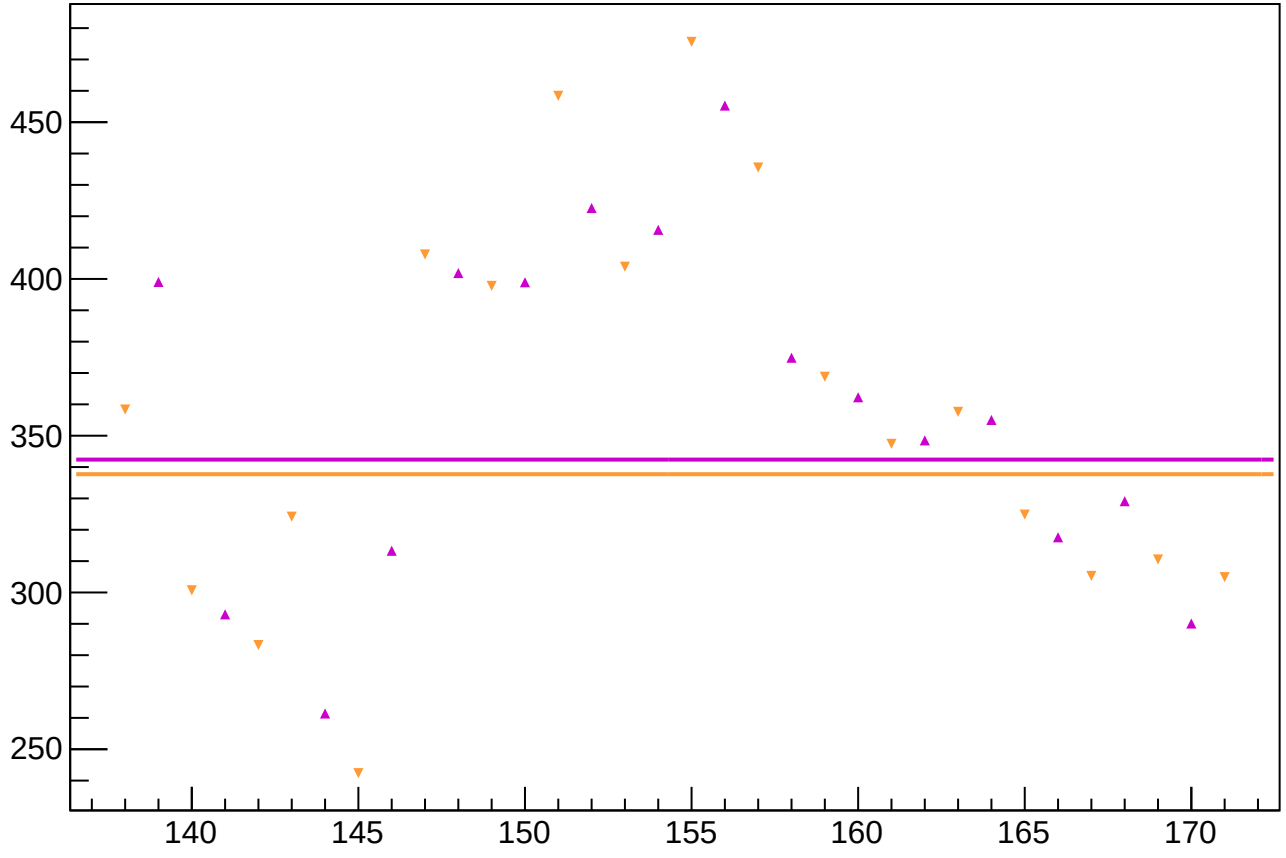
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -76.800+/-97.844 χ^2/NDF:15.6/15

Out: -398.089+/-93.683 χ^2/NDF:52.0/17

All: -244.422+/-67.667 χ^2/NDF: 73.2/33

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 337.721+/-0.066 χ^2/NDF:804342.4/17

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

Left In: 342.381+/-0.069 χ^2/NDF:612769.5/15

Left: 339.950+/-0.048 χ^2/NDF: 1419478.7/33

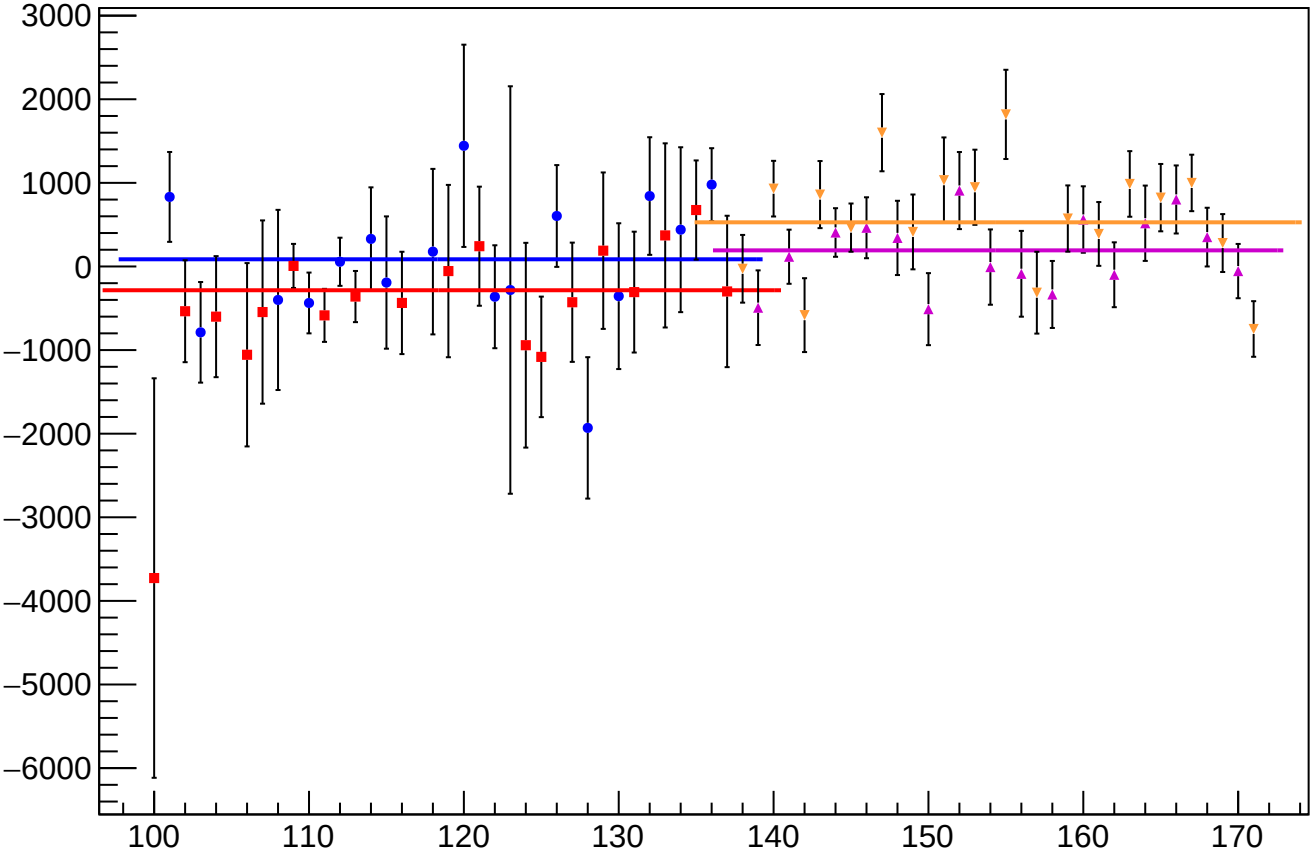
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 342.381+/-0.069 χ^2/NDF:612769.5/15

Out: 337.721+/-0.066 χ^2/NDF:804342.4/17

All: 339.950+/-0.048 χ^2/NDF: 1419478.7/33

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 528.041+/-92.576 χ^2/NDF:45.7/17

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 192.629+/-97.316 χ^2/NDF:15.9/15

Left: 368.702+/-67.074 χ^2/NDF: 67.8/33

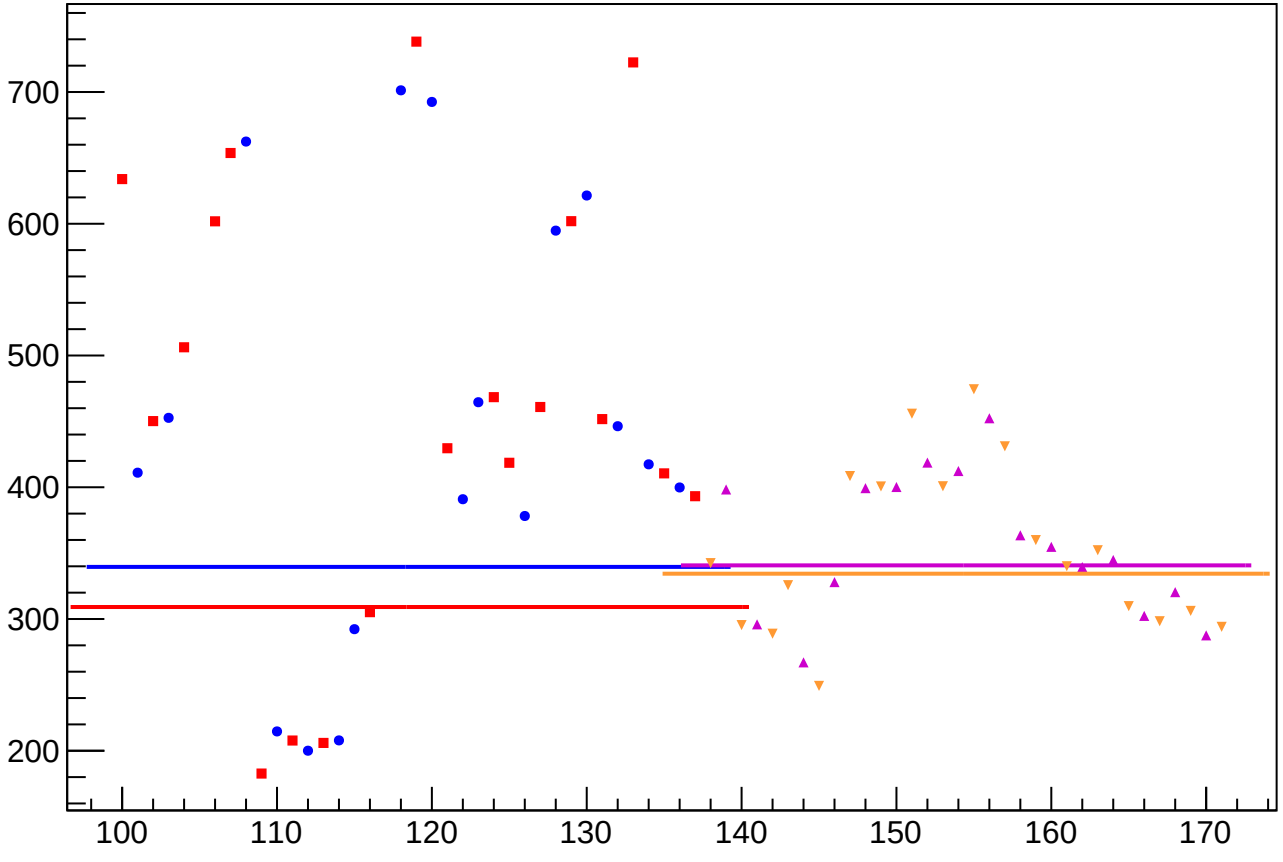
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 158.688+/-80.382 χ^2/NDF:36.8/32

Out: 253.528+/-75.331 χ^2/NDF:82.3/36

All: 209.181+/-54.966 χ^2/NDF: 119.9/69

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 334.388+/-0.065 χ^2/NDF:778144.9/17

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 340.712+/-0.069 χ^2/NDF:565062.3/15

Left: 337.392+/-0.047 χ^2/NDF: 1347640.1/33

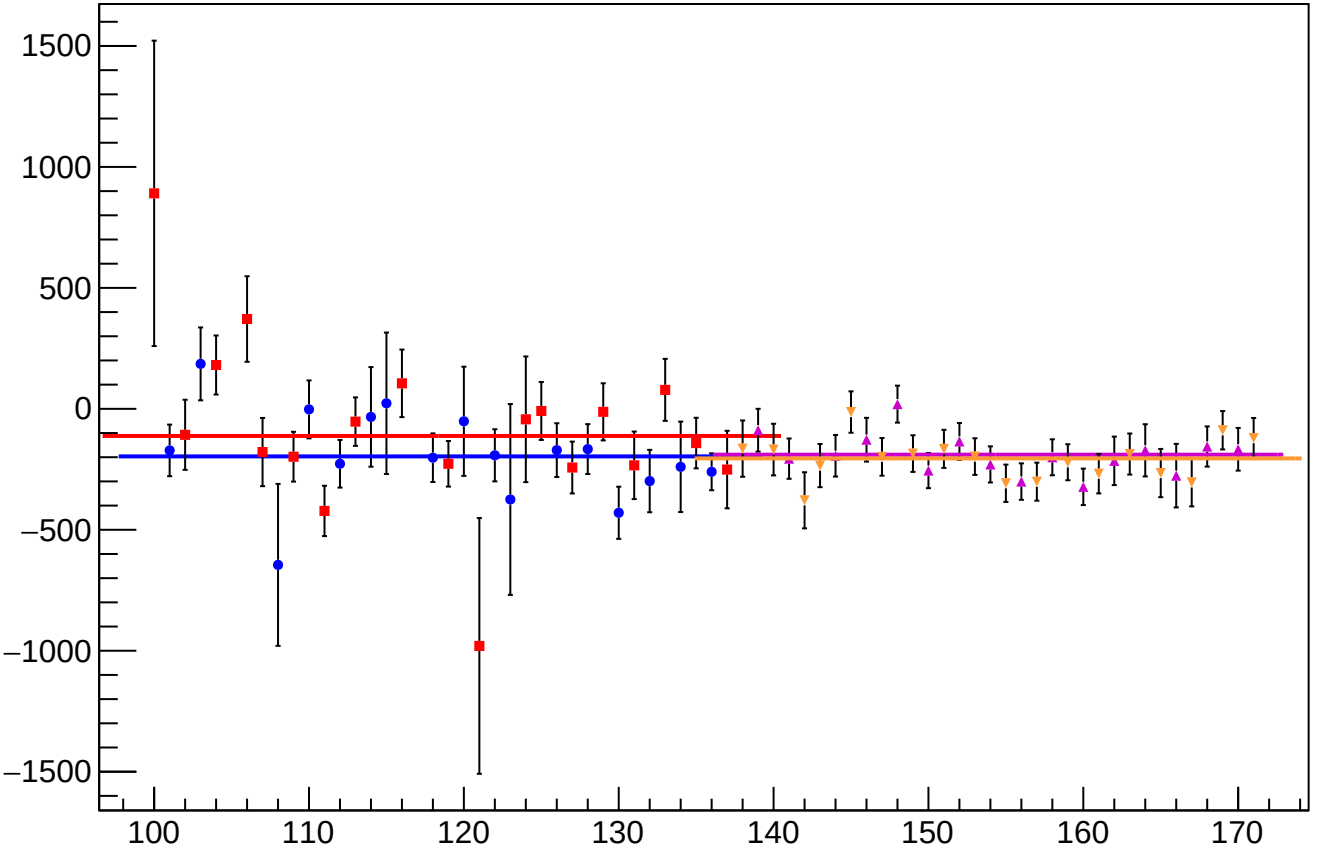
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 340.343+/-0.057 χ^2/NDF:2607396.6/32

Out: 325.846+/-0.053 χ^2/NDF:3558855.4/36

All: 332.625+/-0.039 χ^2/NDF: 6200888.7/69

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -204.961+/-20.085 χ^2/NDF:16.4/17

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -189.555+/-20.888 χ^2/NDF:17.0/15

Left: -197.560+/-14.478 χ^2/NDF: 33.7/33

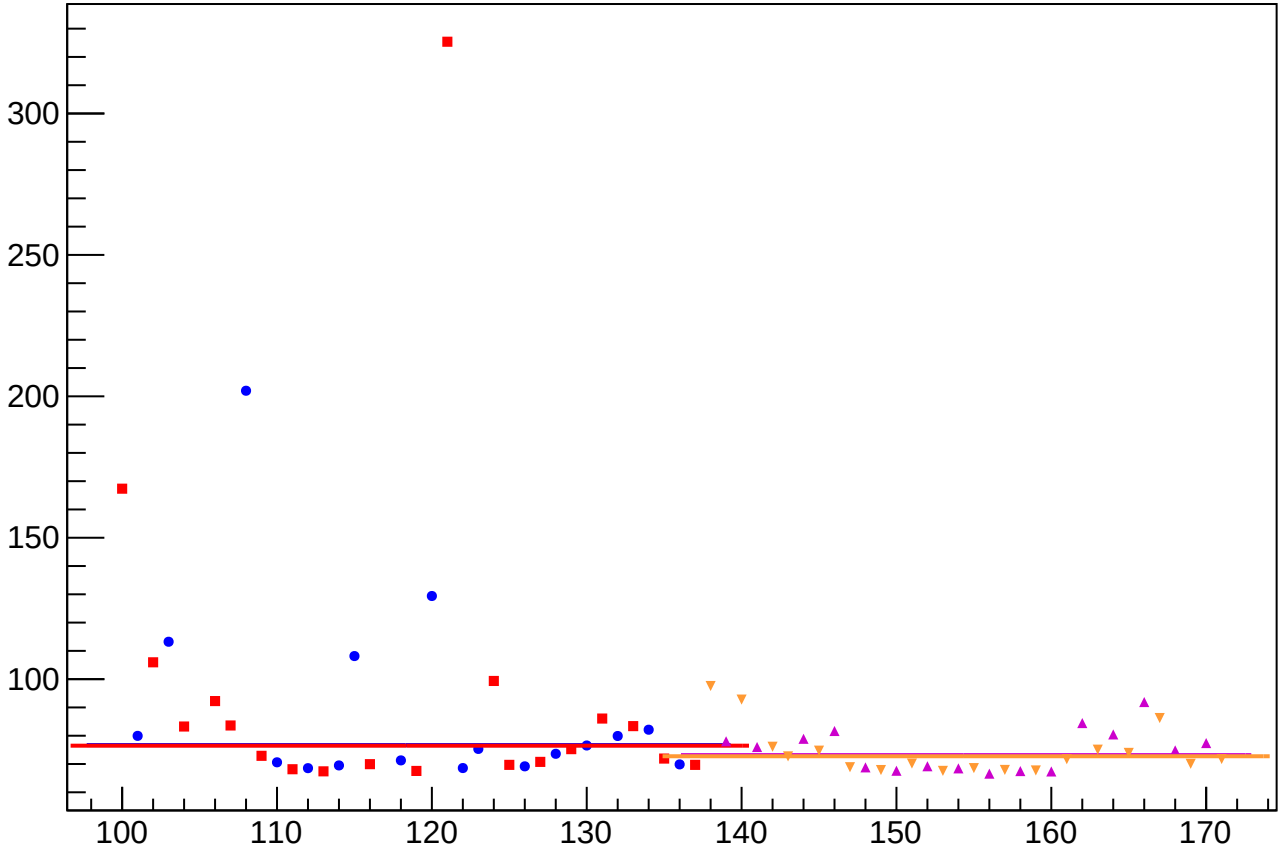
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -191.814+/-17.215 χ^2/NDF:36.1/32

Out: -175.713+/-16.624 χ^2/NDF:62.5/36

All: -183.482+/-11.959 χ^2/NDF: 99.0/69

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 72.742+/-0.014 χ^2/NDF:253513.2/17

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 73.142+/-0.015 χ^2/NDF:185956.5/15

Left: 72.934+/-0.010 χ^2/NDF: 439851.4/33

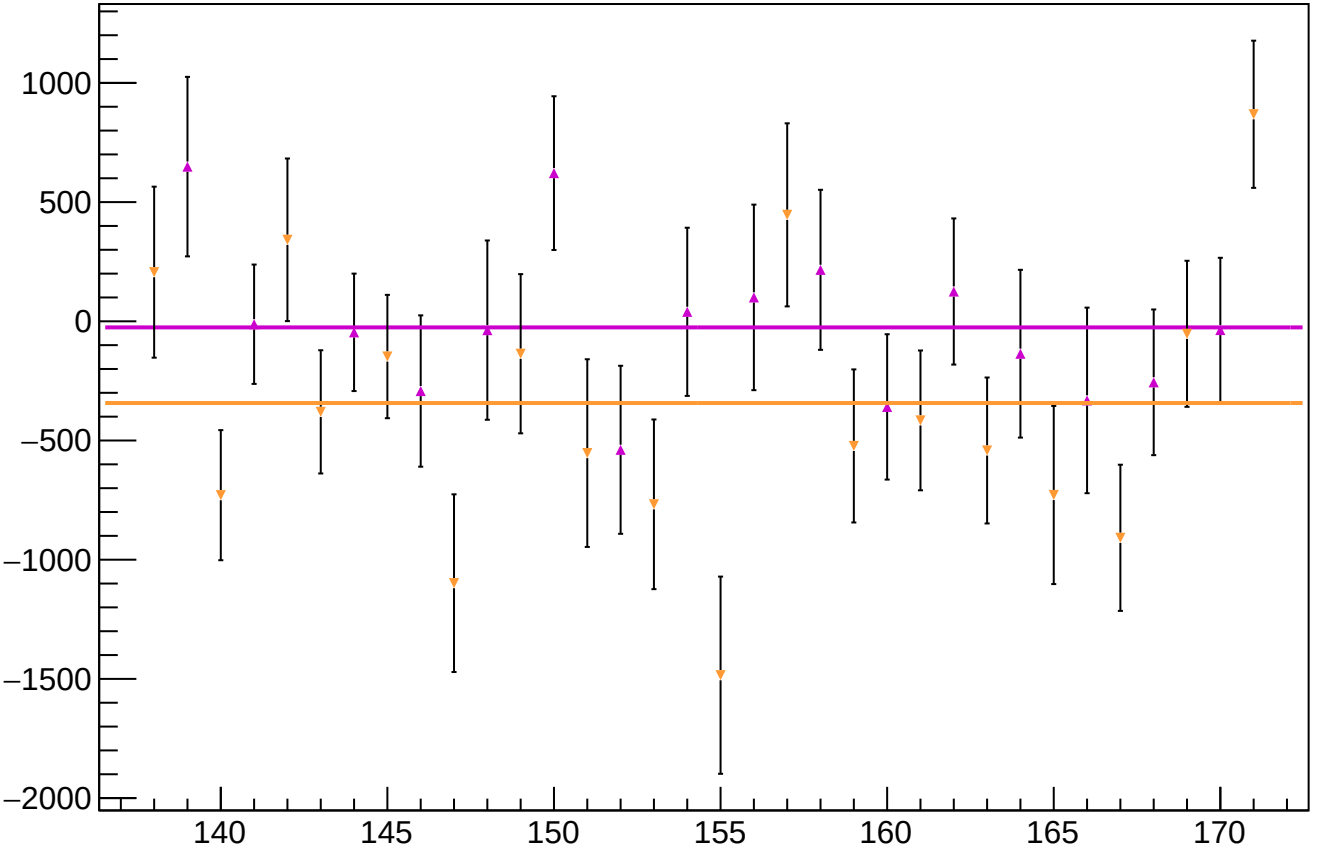
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 74.281+/-0.012 χ^2/NDF:804834.0/32

Out: 73.919+/-0.012 χ^2/NDF:974684.2/36

All: 74.093+/-0.008 χ^2/NDF: 1779975.5/69

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -342.762+/-75.849 χ^2/NDF:48.6/17

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

Left In: -25.544+/-80.227 χ^2/NDF:13.5/15

Left: -193.043+/-55.116 χ^2/NDF: 70.3/33

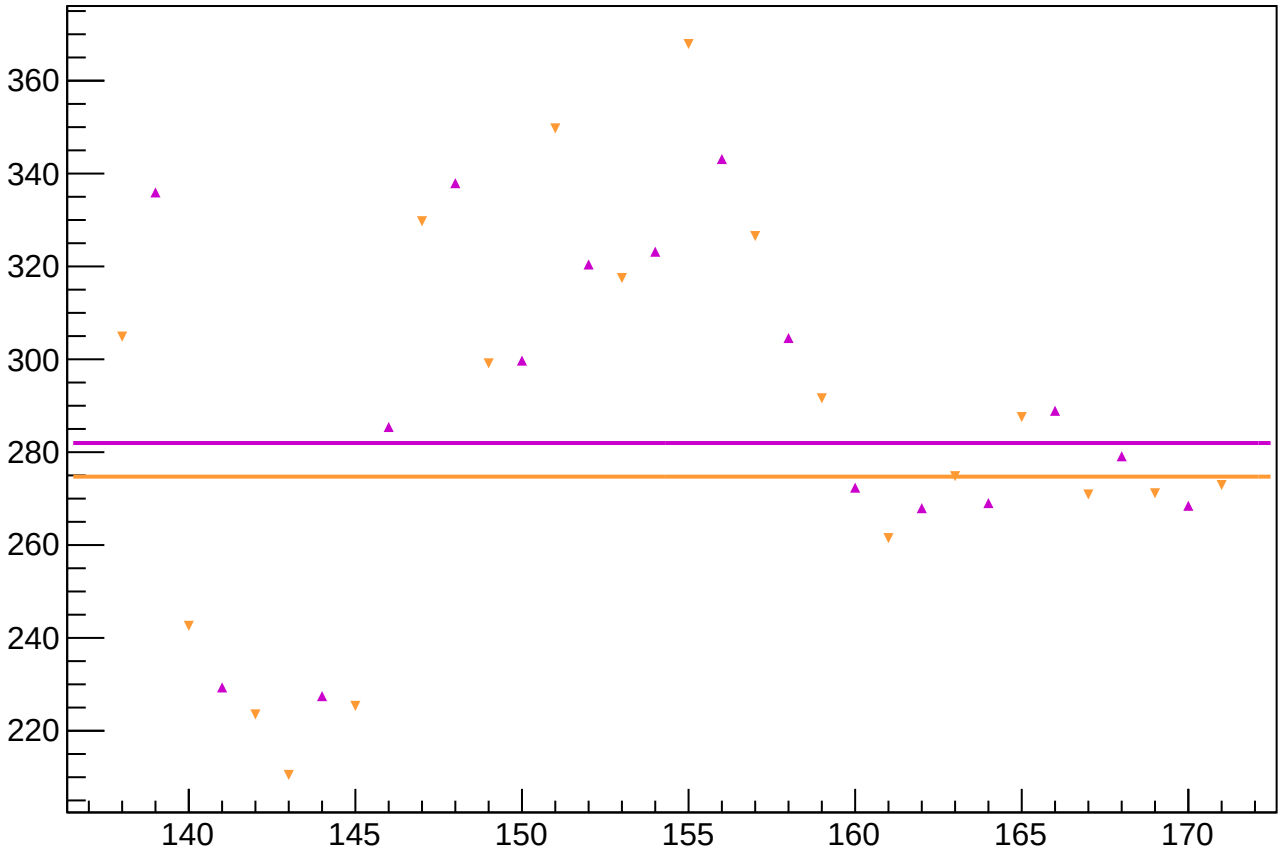
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.544+/-80.227 χ^2/NDF:13.5/15

Out: -342.762+/-75.849 χ^2/NDF:48.6/17

All: -193.043+/-55.116 χ^2/NDF: 70.3/33

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 274.730+/-0.054 χ^2/NDF:589634.7/17

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

Left In: 281.973+/-0.057 χ^2/NDF:401285.6/15

Left: 278.149+/-0.039 χ^2/NDF: 999526.1/33

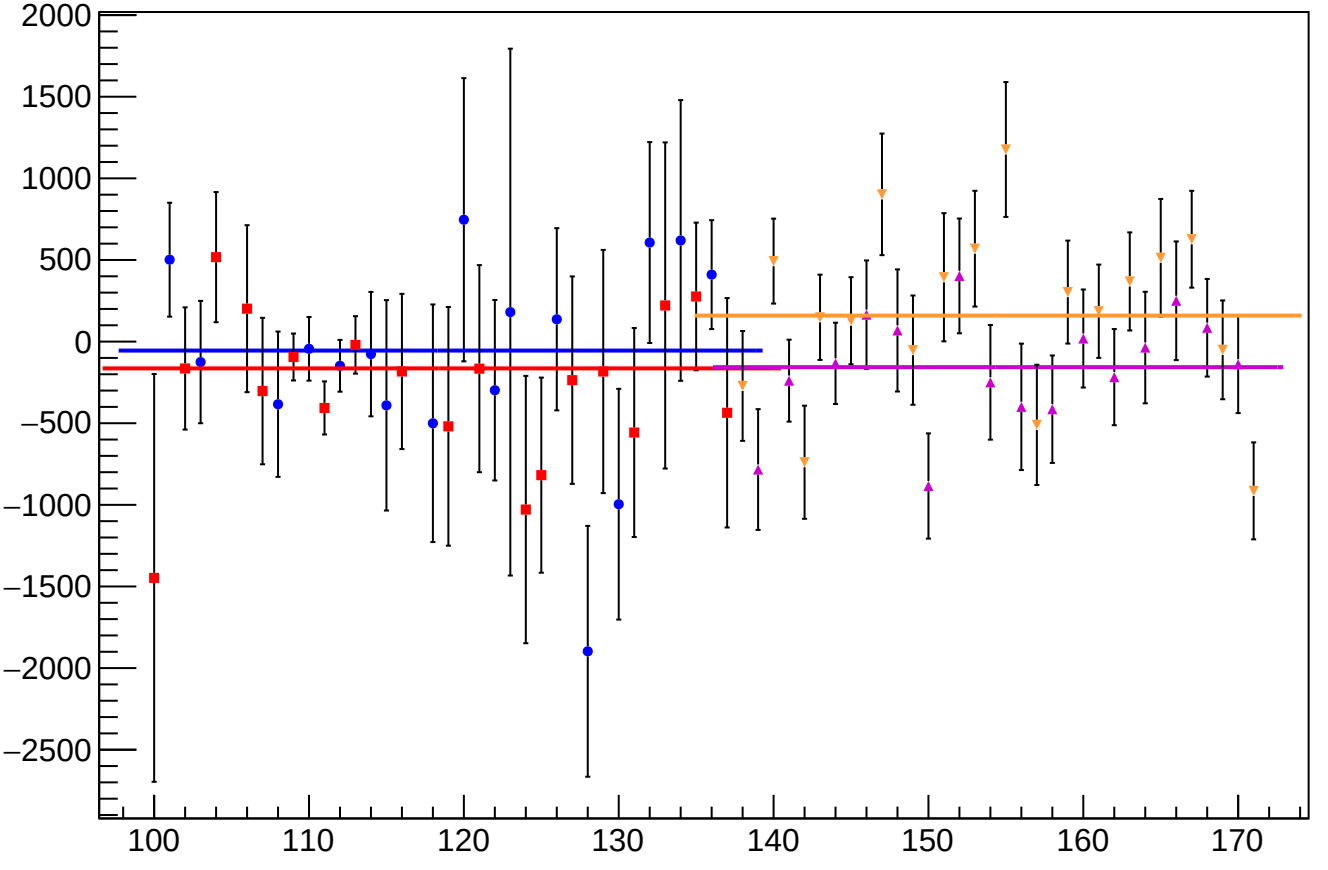
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 281.973+/-0.057 χ^2/NDF:401285.6/15

Out: 274.730+/-0.054 χ^2/NDF:589634.7/17

All: 278.149+/-0.039 χ^2/NDF: 999526.1/33

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 159.300+/-74.702 χ^2/NDF:43.2/17

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -156.492+/-79.463 χ^2/NDF:15.4/15

Left: 11.147+/-54.428 χ^2/NDF: 67.0/33

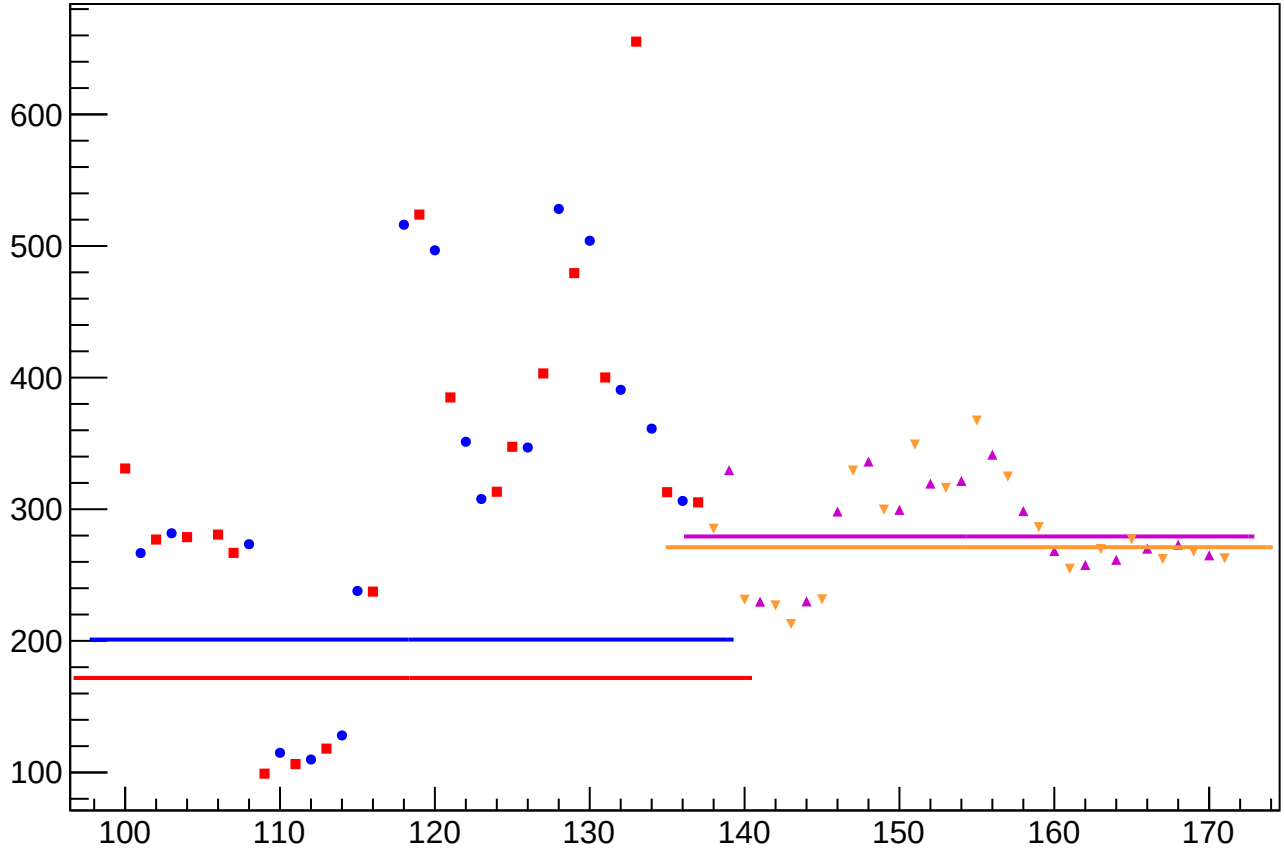
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -112.200+/-59.670 χ^2/NDF:32.7/32

Out: 2.274+/-53.584 χ^2/NDF:64.2/36

All: -48.829+/-39.868 χ^2/NDF: 98.9/69

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 271.154+/-0.053 χ^2/NDF:568599.2/17

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 279.311+/-0.056 χ^2/NDF:393062.3/15

Left: 274.981+/-0.038 χ^2/NDF: 972851.4/33

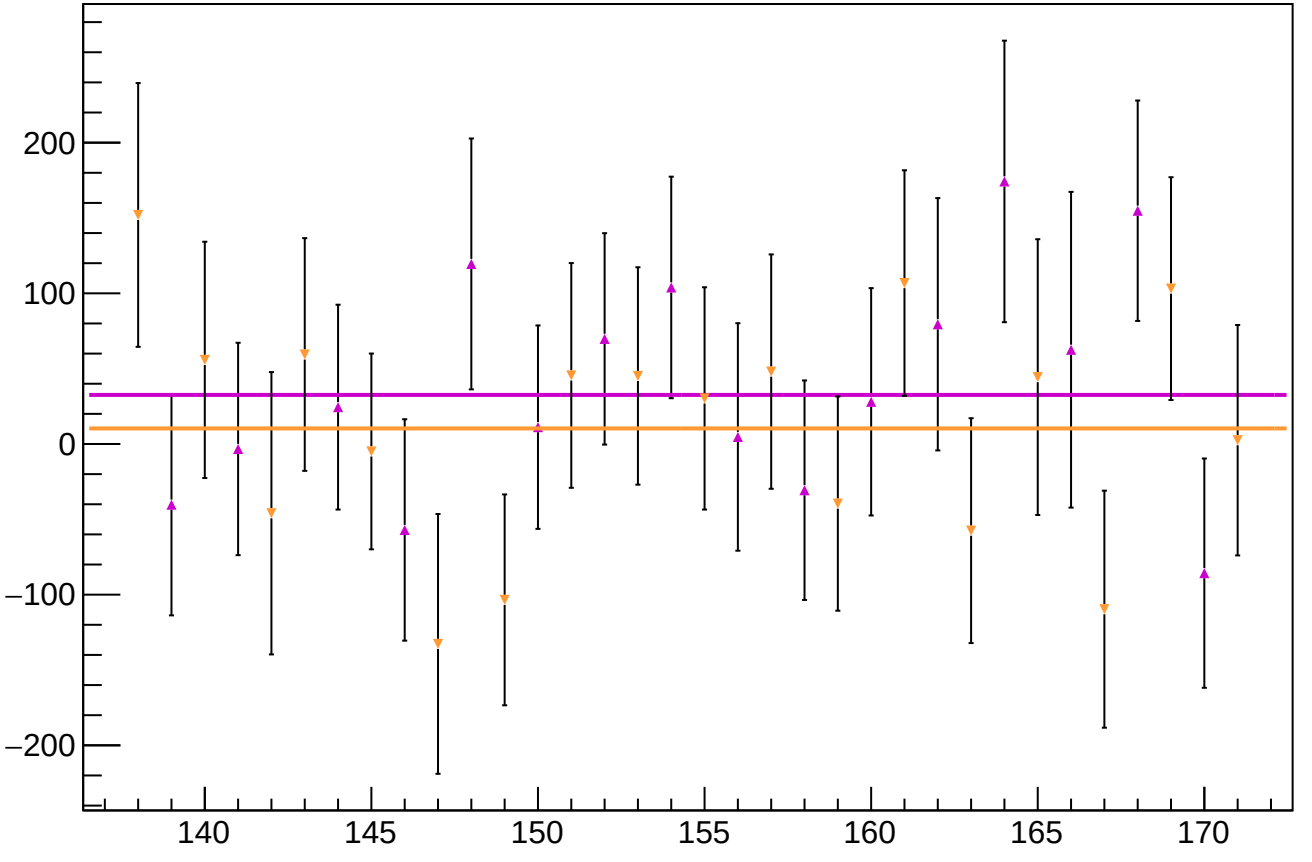
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 245.145+/-0.042 χ^2/NDF:4676996.9/32

Out: 222.916+/-0.038 χ^2/NDF:6378983.5/36

All: 232.839+/-0.028 χ^2/NDF: 11209640.2/69

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 10.325+/-18.071 χ^2/NDF:17.0/17

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

Left In: 32.570+/-18.941 χ^2/NDF:14.0/15

Left: 20.925+/-13.075 χ^2/NDF: 31.6/33

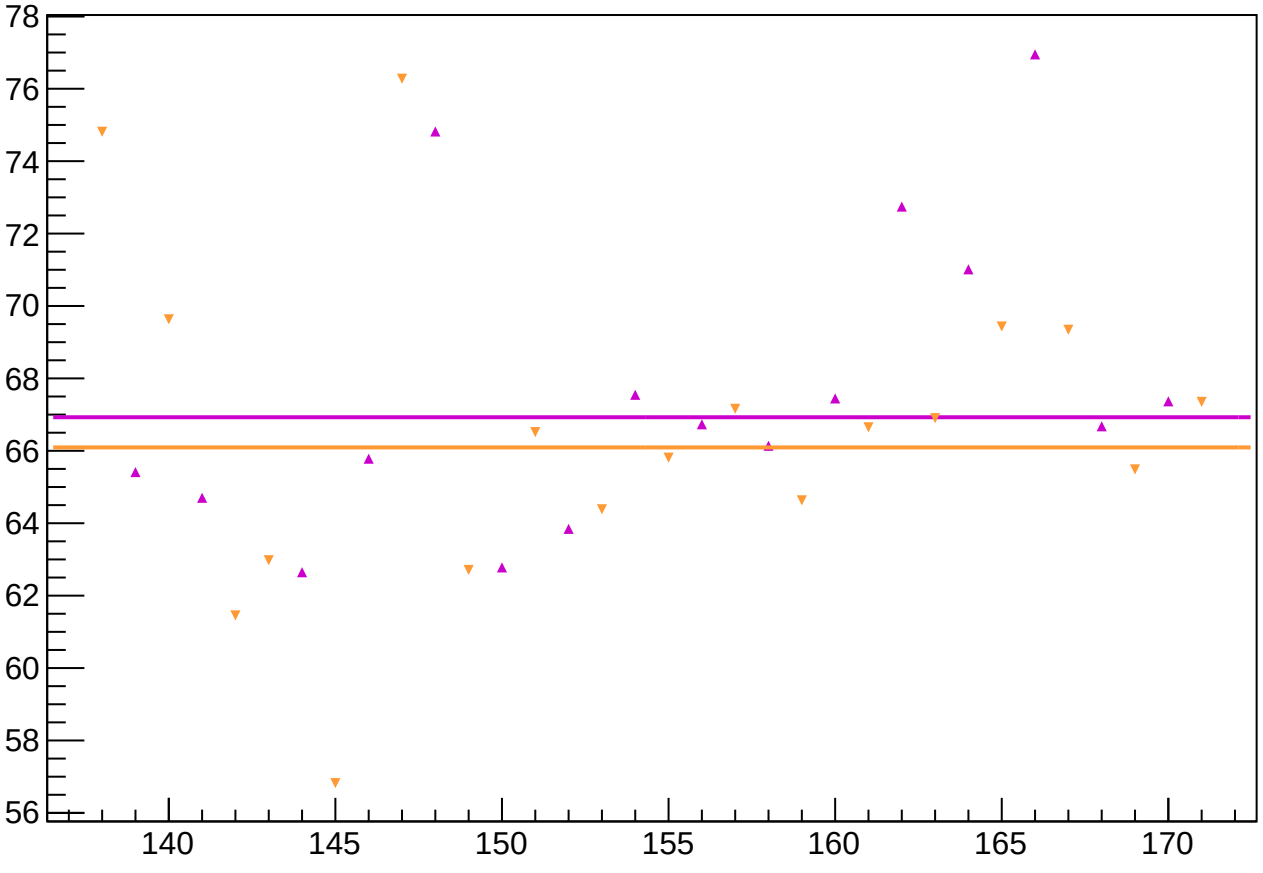
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 32.570+/-18.941 χ^2/NDF:14.0/15

Out: 10.325+/-18.071 χ^2/NDF:17.0/17

All: 20.925+/-13.075 χ^2/NDF: 31.6/33

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 66.094+/-0.013 χ^2/NDF:114915.8/17

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

Left In: 66.927+/-0.013 χ^2/NDF:72997.0/15

Left: 66.491+/-0.009 χ^2/NDF: 189940.2/33

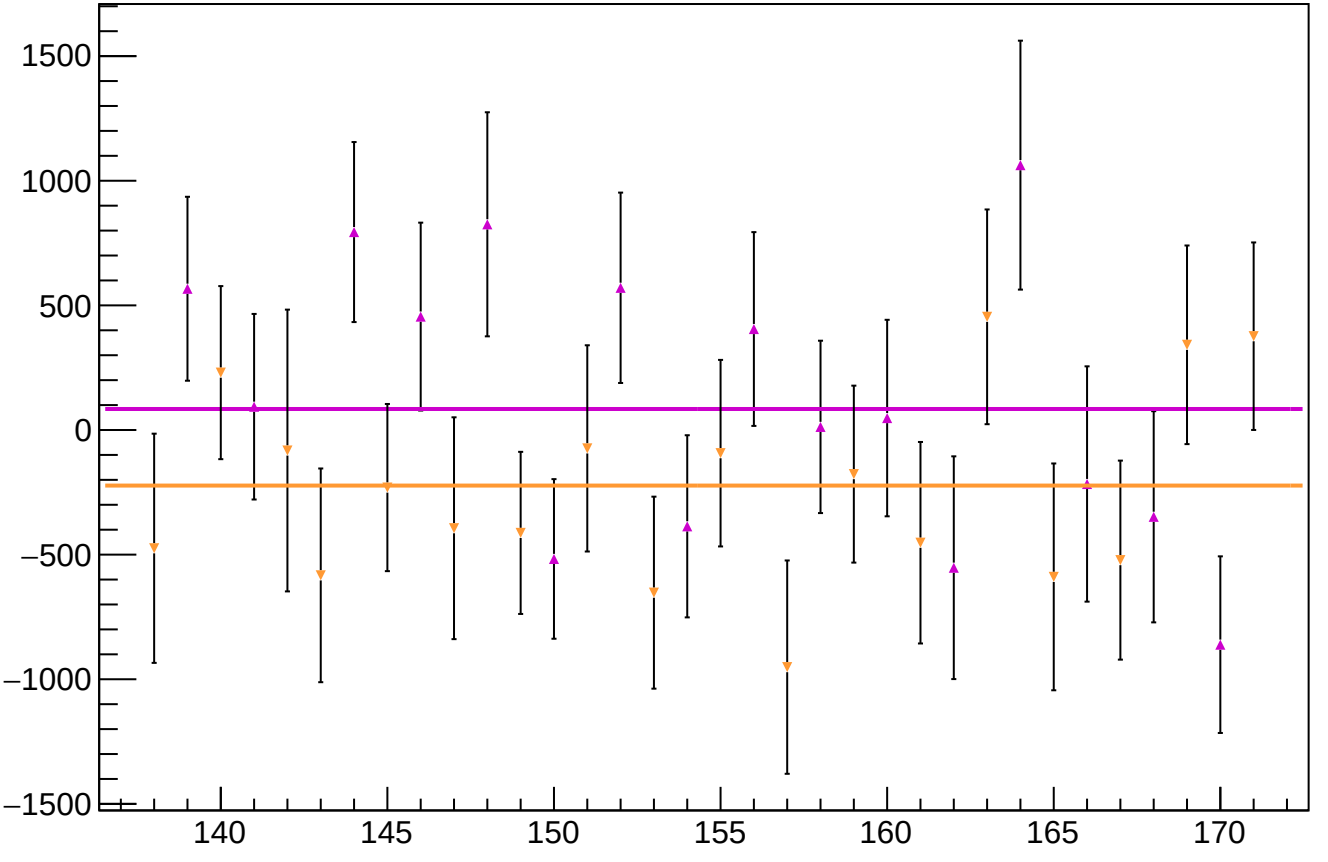
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.927+/-0.013 χ^2/NDF:72997.0/15

Out: 66.094+/-0.013 χ^2/NDF:114915.8/17

All: 66.491+/-0.009 χ^2/NDF: 189940.2/33

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -222.935+/-93.619 χ^2/NDF:16.2/17

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

Left In: 84.296+/-96.773 χ^2/NDF:31.2/15

Left: -74.409+/-67.286 χ^2/NDF: 52.7/33

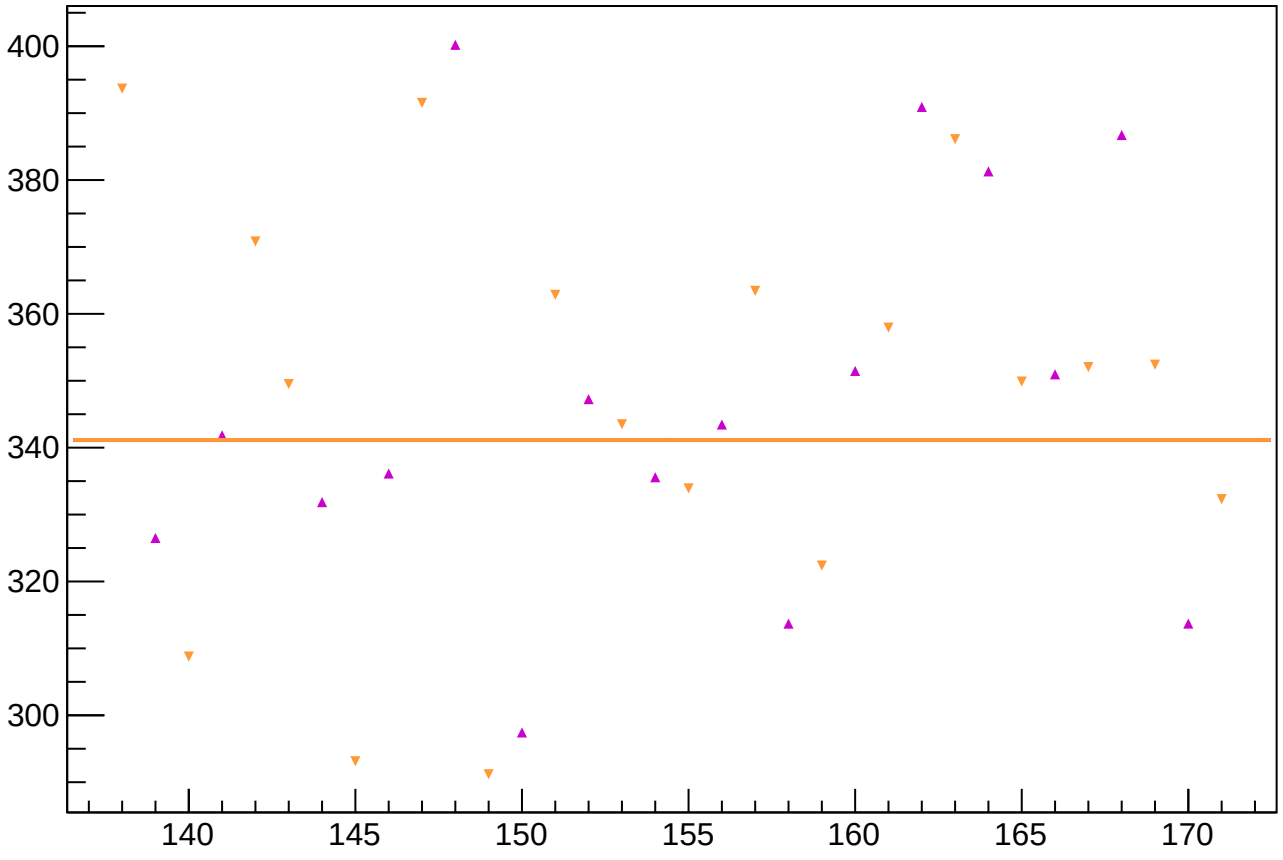
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 84.296+/-96.773 χ^2/NDF:31.2/15

Out: -222.935+/-93.619 χ^2/NDF:16.2/17

All: -74.409+/-67.286 χ^2/NDF: 52.7/33

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 341.156+/-0.066 χ^2/NDF:211105.5/17

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

Left In: 341.140+/-0.068 χ^2/NDF:165437.7/15

Left: 341.148+/-0.048 χ^2/NDF: 376543.3/33

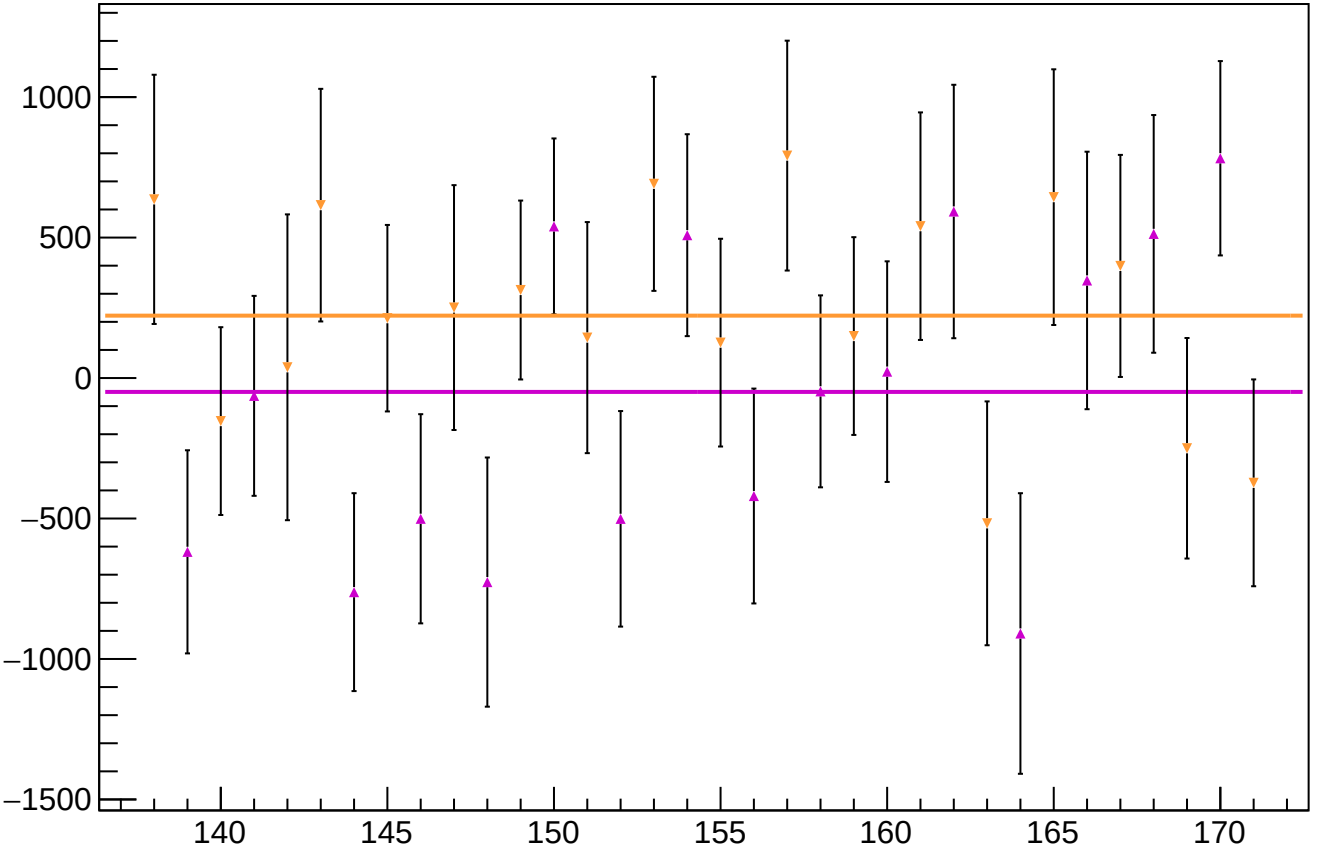
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 341.140+/-0.068 χ^2/NDF:165437.7/15

Out: 341.156+/-0.066 χ^2/NDF:211105.5/17

All: 341.148+/-0.048 χ^2/NDF: 376543.3/33

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 222.117+/-92.010 χ^2/NDF:15.5/17

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

Left In: -49.389+/-95.269 χ^2/NDF:32.0/15

Left: 91.088+/-66.183 χ^2/NDF: 51.7/33

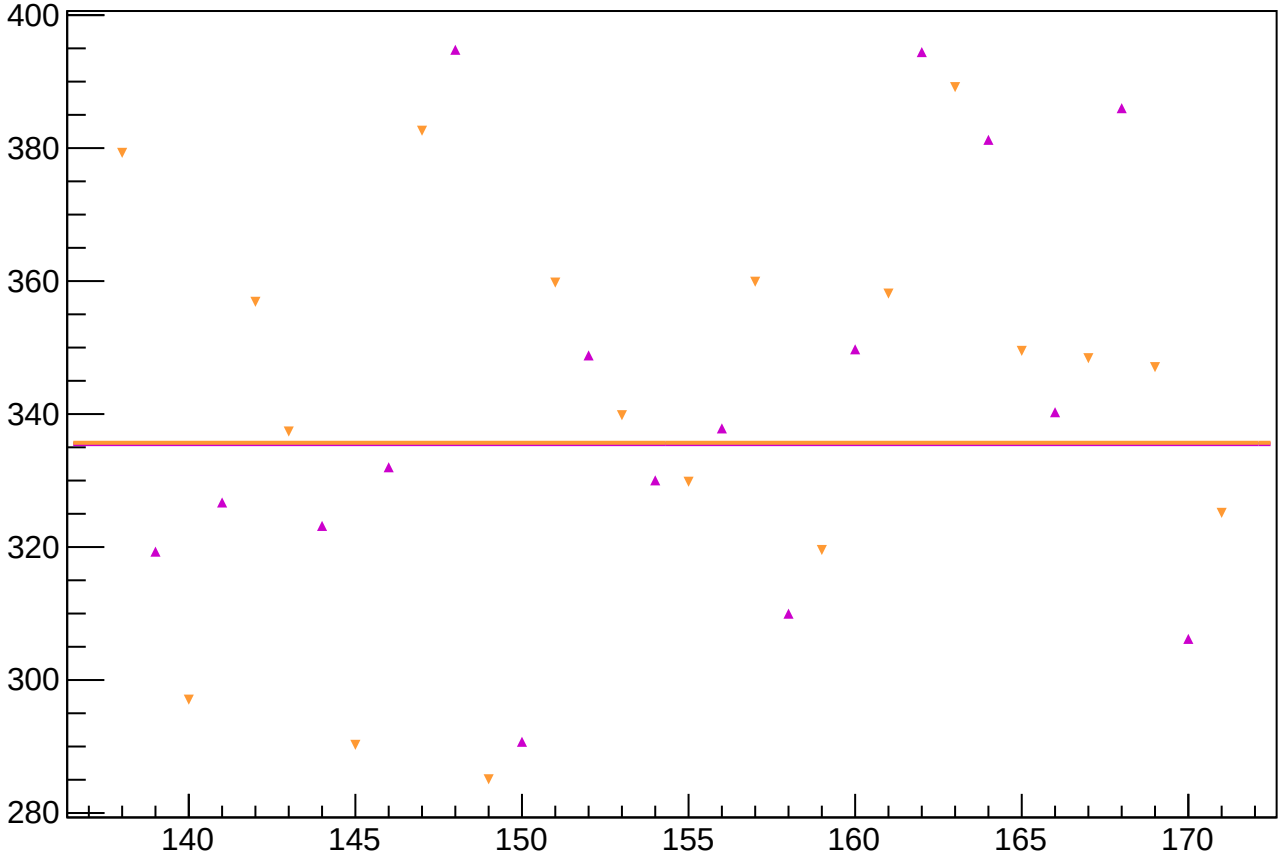
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -49.389+/-95.269 χ^2/NDF:32.0/15

Out: 222.117+/-92.010 χ^2/NDF:15.5/17

All: 91.088+/-66.183 χ^2/NDF: 51.7/33

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 335.684+/-0.065 χ^2/NDF:222878.5/17

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

Left In: 335.477+/-0.067 χ^2/NDF:195310.2/15

Left: 335.584+/-0.047 χ^2/NDF: 418193.5/33

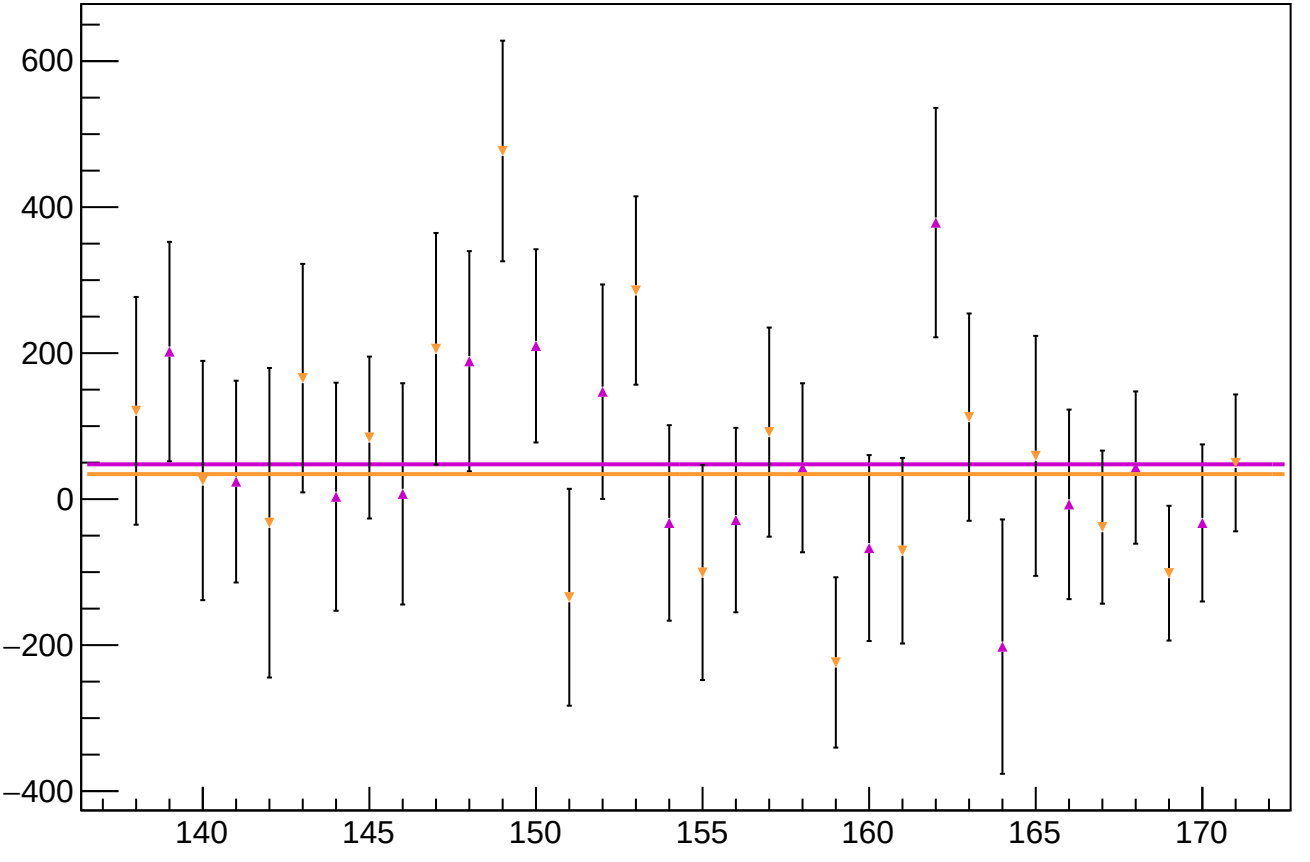
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 335.477+/-0.067 χ^2/NDF:195310.2/15

Out: 335.684+/-0.065 χ^2/NDF:222878.5/17

All: 335.584+/-0.047 χ^2/NDF: 418193.5/33

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 34.278+/-30.854 χ^2/NDF:25.7/17

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

Left In: 47.681+/-33.440 χ^2/NDF:12.8/15

Left: 40.441+/-22.676 χ^2/NDF: 38.7/33

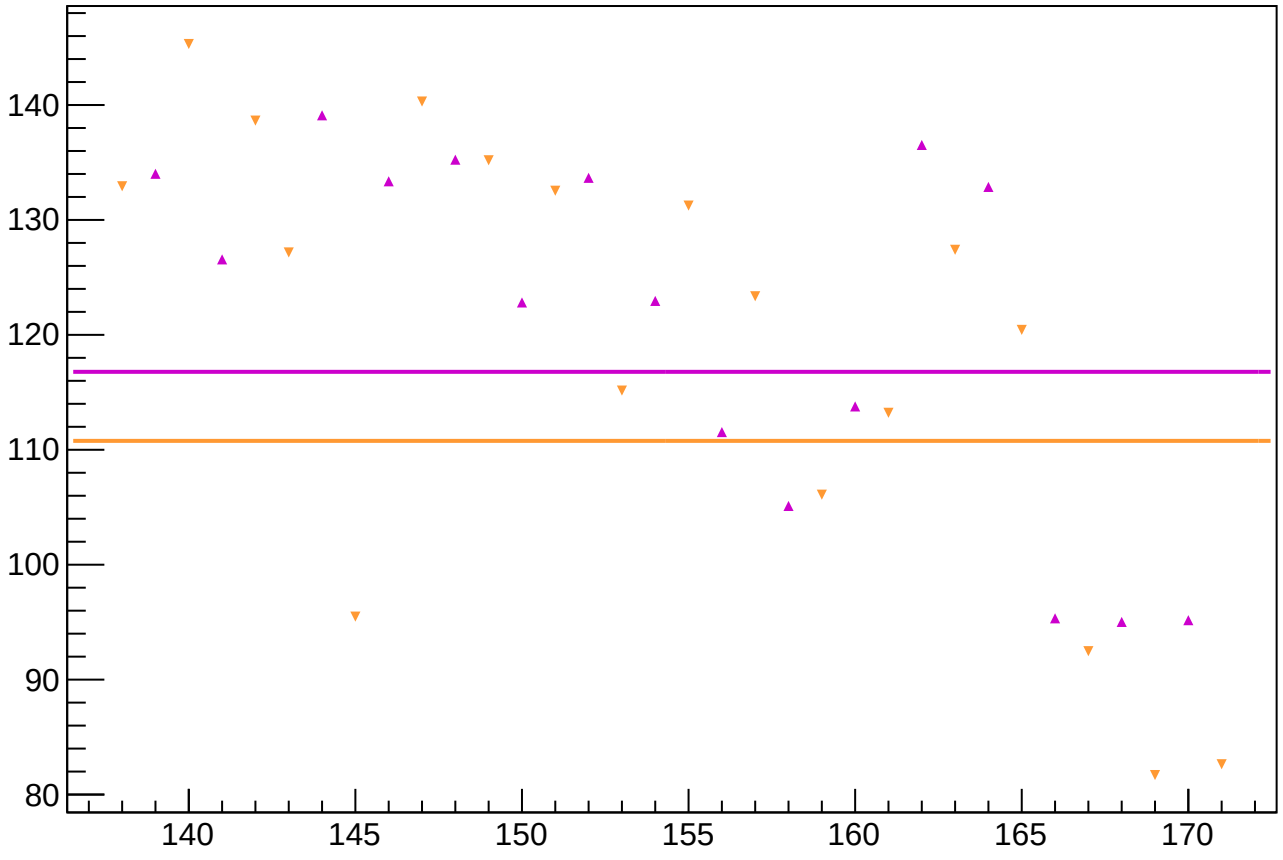
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 47.681+/-33.440 χ^2/NDF:12.8/15

Out: 34.278+/-30.854 χ^2/NDF:25.7/17

All: 40.441+/-22.676 χ^2/NDF: 38.7/33

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 110.776+/-0.022 χ^2/NDF:922296.5/17

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

Left In: 116.783+/-0.024 χ^2/NDF:461715.1/15

Left: 113.538+/-0.016 χ^2/NDF: 1418877.8/33

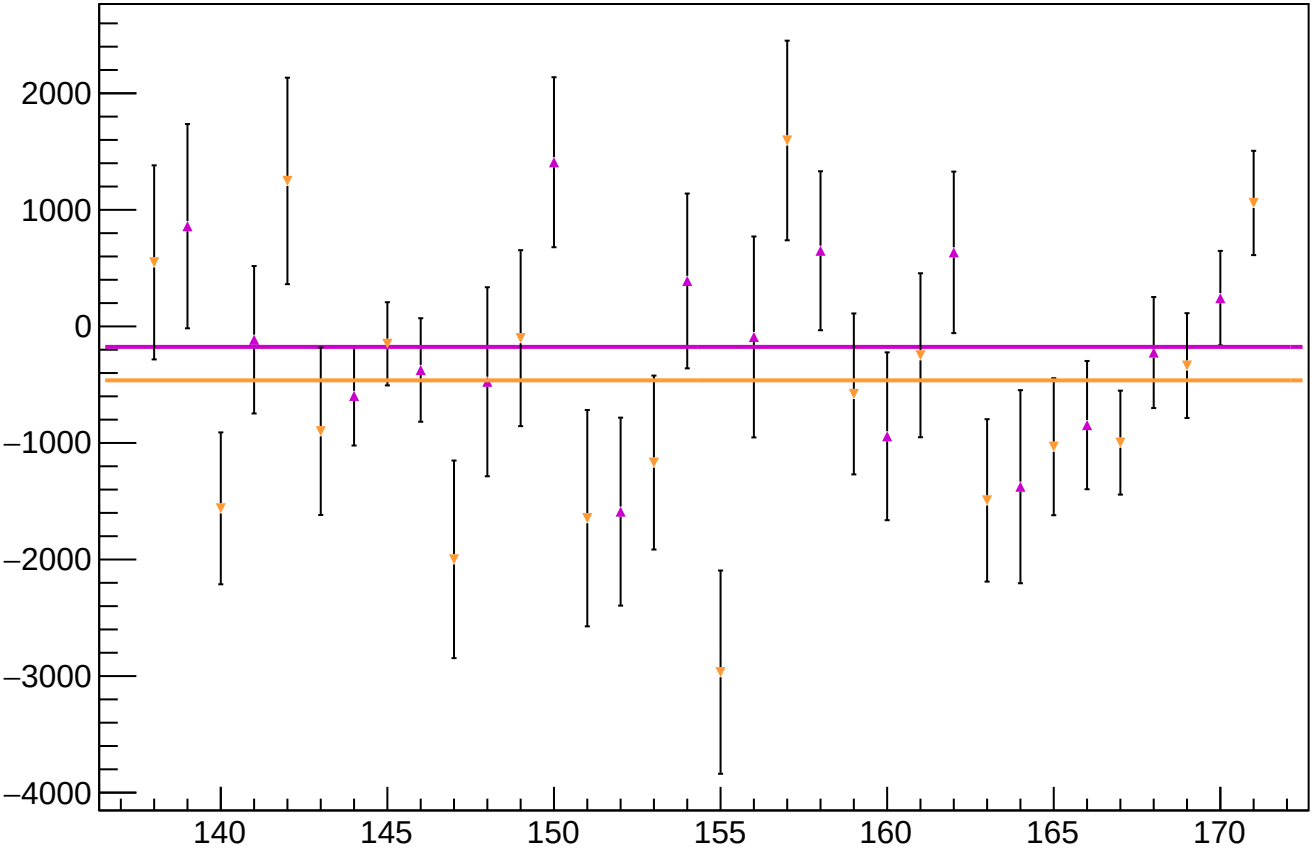
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 116.783+/-0.024 χ^2/NDF:461715.1/15

Out: 110.776+/-0.022 χ^2/NDF:922296.5/17

All: 113.538+/-0.016 χ^2/NDF: 1418877.8/33

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -462.700+/-144.812 χ^2/NDF:45.6/17

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

Left In: -175.707+/-151.004 χ^2/NDF:19.7/15

Left: -325.207+/-104.518 χ^2/NDF: 67.2/33

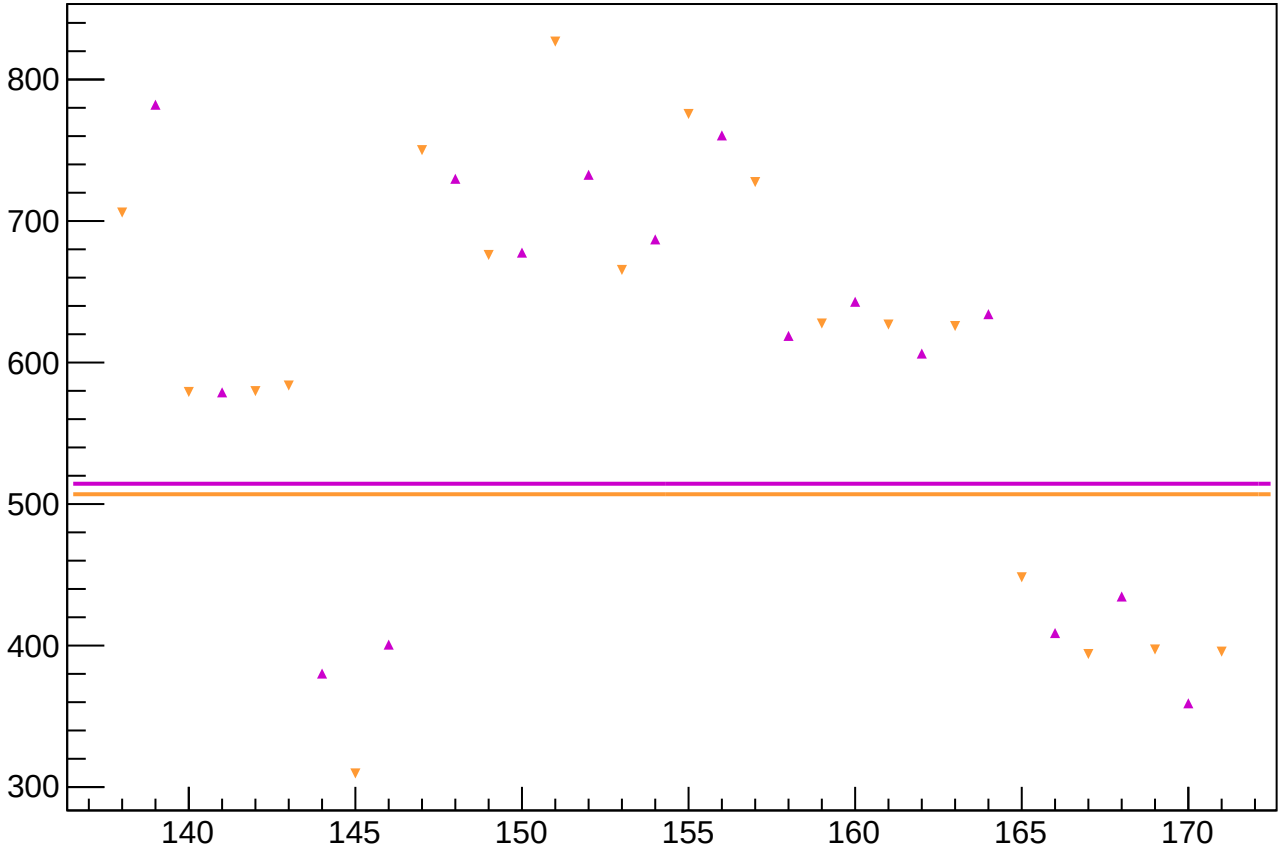
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -175.707+/-151.004 χ^2/NDF:19.7/15

Out: -462.700+/-144.812 χ^2/NDF:45.6/17

All: -325.207+/-104.518 χ^2/NDF: 67.2/33

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 506.936+/-0.102 χ^2/NDF:2269866.4/17

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

Left In: 514.356+/-0.107 χ^2/NDF:1804281.0/15

Left: 510.491+/-0.074 χ^2/NDF: 4076663.4/33

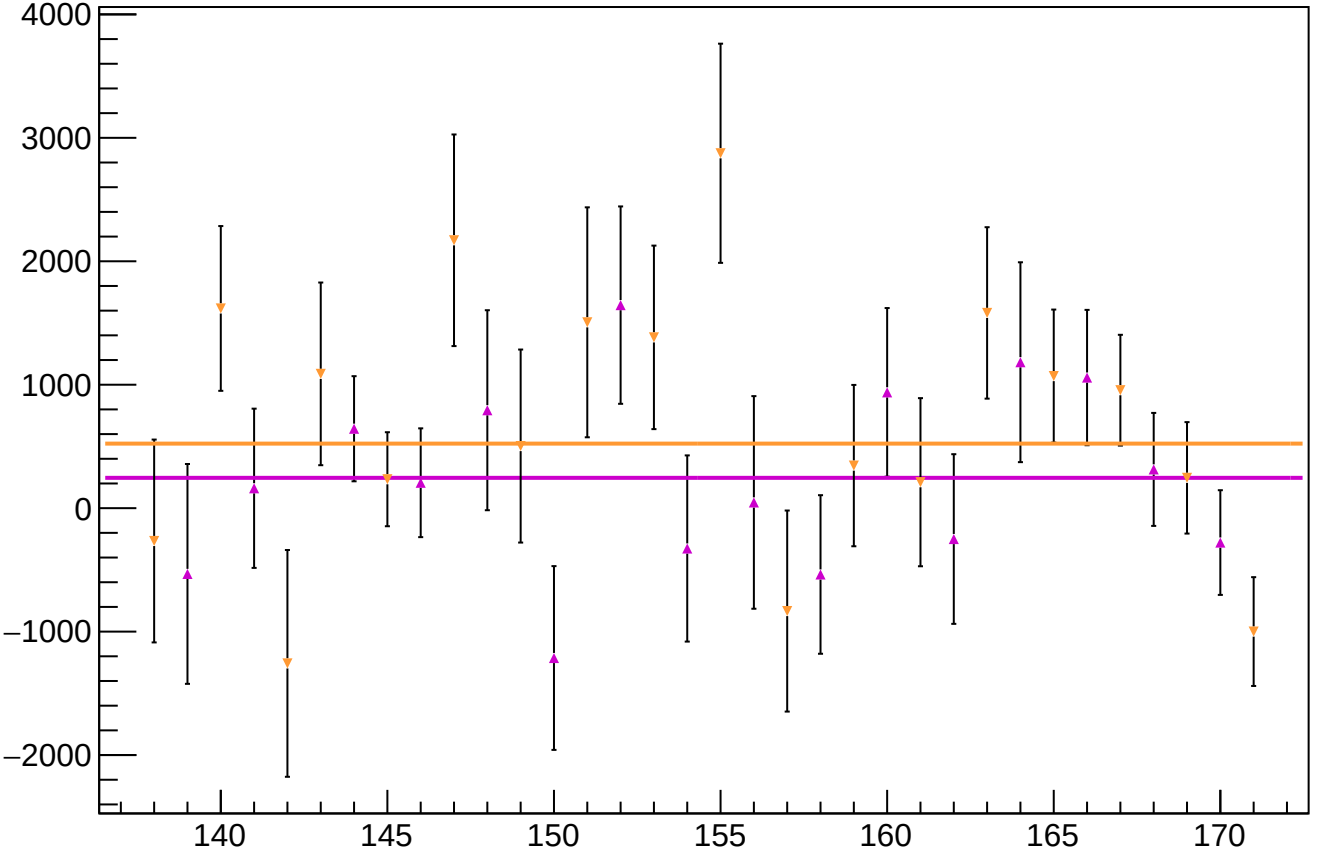
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 514.356+/-0.107 χ^2/NDF:1804281.0/15

Out: 506.936+/-0.102 χ^2/NDF:2269866.4/17

All: 510.491+/-0.074 χ^2/NDF: 4076663.4/33

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 522.942+/-145.232 χ^2/NDF:41.4/17

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

Left In: 245.662+/-150.405 χ^2/NDF:17.8/15

Left: 389.152+/-104.476 χ^2/NDF: 60.9/33

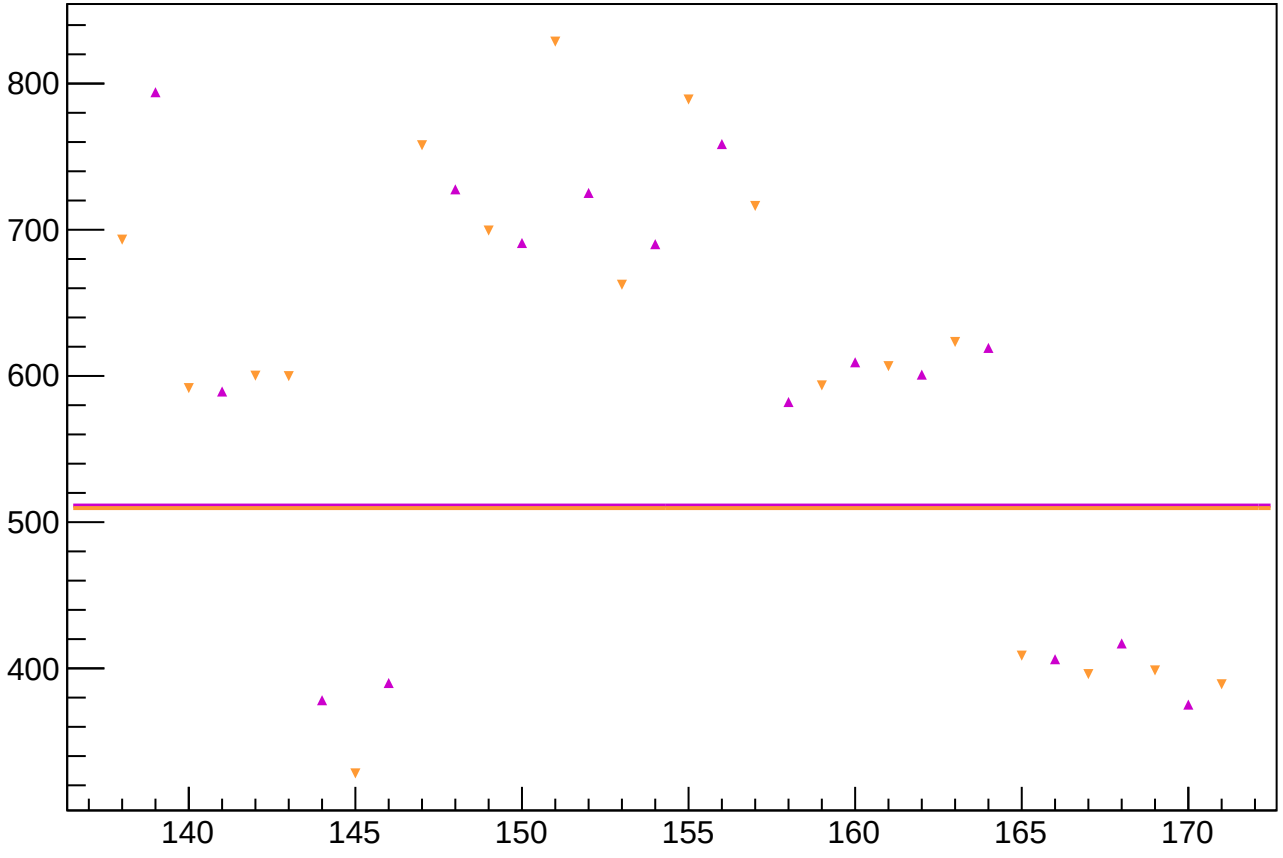
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 245.662+/-150.405 χ^2/NDF:17.8/15

Out: 522.942+/-145.232 χ^2/NDF:41.4/17

All: 389.152+/-104.476 χ^2/NDF: 60.9/33

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 509.623+/-0.103 χ^2/NDF:2161304.5/17

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

Left In: 511.350+/-0.106 χ^2/NDF:1757163.5/15

Left: 510.457+/-0.074 χ^2/NDF: 3918604.4/33

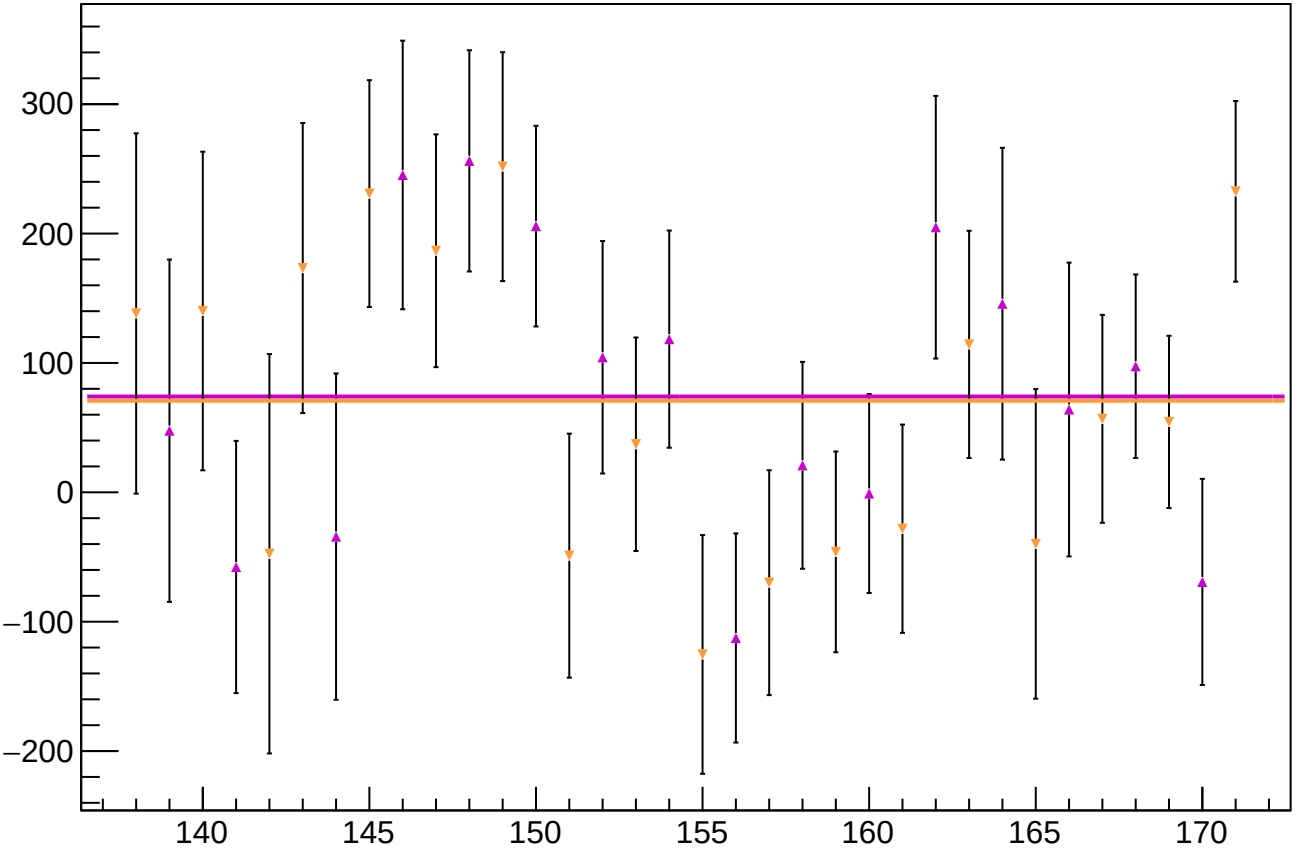
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 511.350+/-0.106 χ^2/NDF:1757163.5/15

Out: 509.623+/-0.103 χ^2/NDF:2161304.5/17

All: 510.457+/-0.074 χ^2/NDF: 3918604.4/33

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 70.792+/-21.151 χ^2/NDF:30.4/17

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

Left In: 74.029+/-22.558 χ^2/NDF:25.2/15

Left: 72.307+/-15.429 χ^2/NDF: 55.7/33

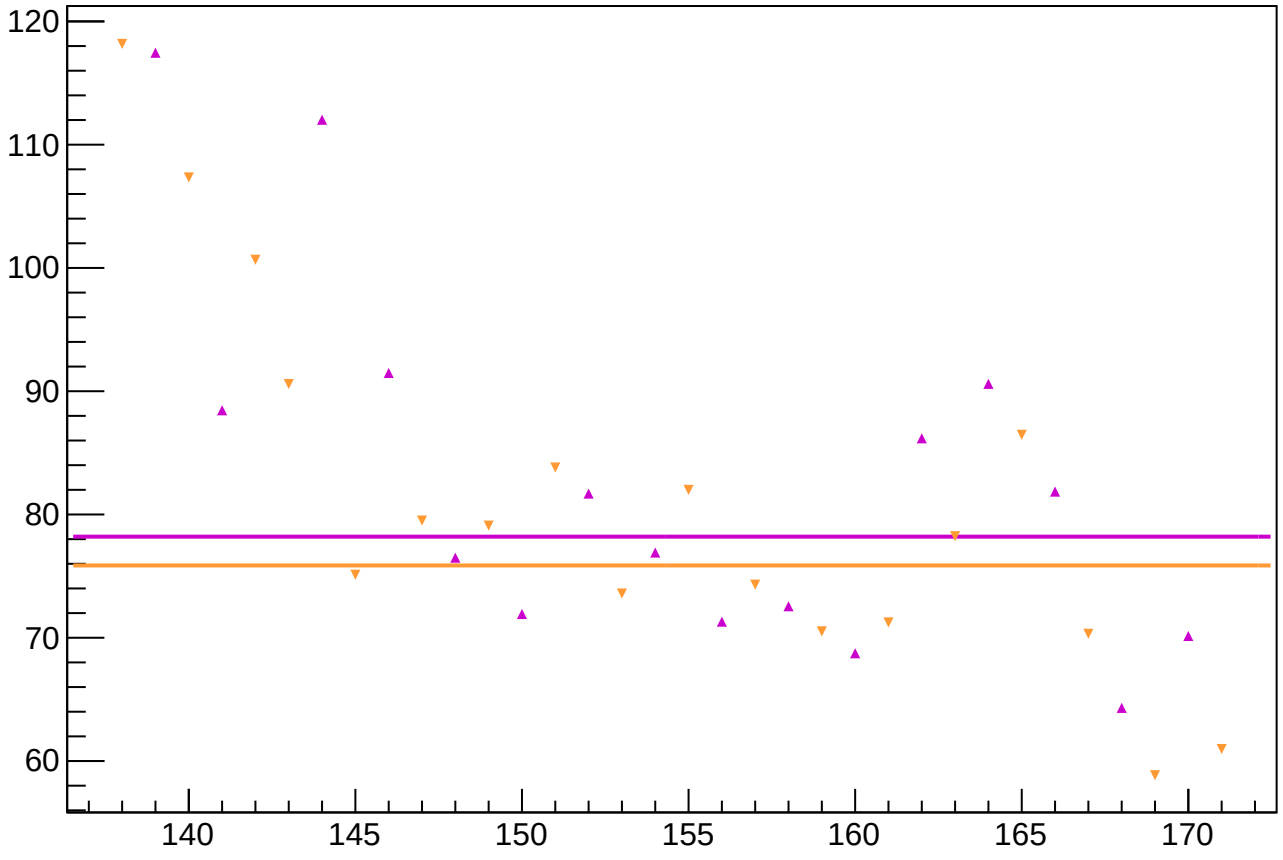
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 74.029+/-22.558 χ^2/NDF:25.2/15

Out: 70.792+/-21.151 χ^2/NDF:30.4/17

All: 72.307+/-15.429 χ^2/NDF: 55.7/33

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 75.866+/-0.015 χ^2/NDF:697191.9/17

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

Left In: 78.202+/-0.016 χ^2/NDF:579704.4/15

Left: 76.959+/-0.011 χ^2/NDF: 1288310.3/33

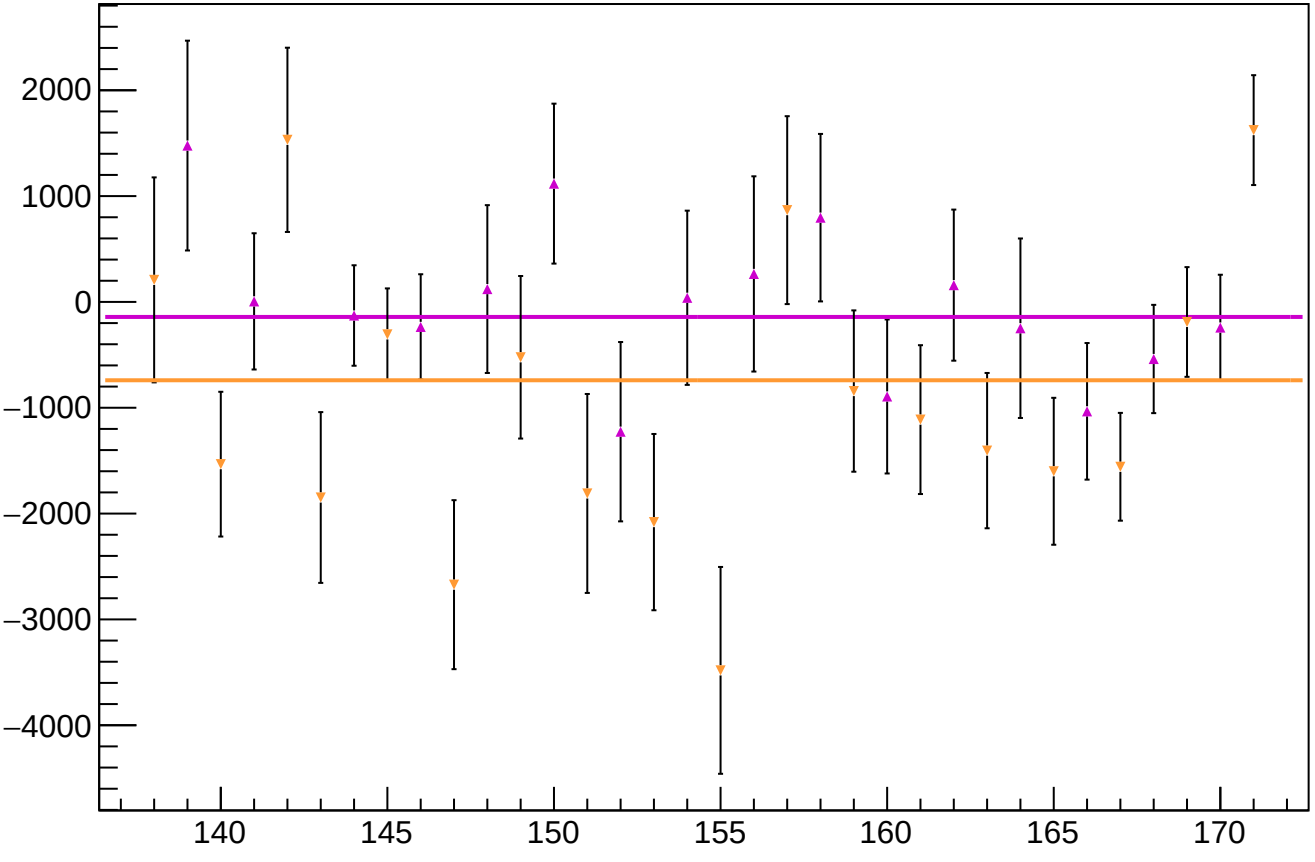
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 78.202+/-0.016 χ^2/NDF:579704.4/15

Out: 75.866+/-0.015 χ^2/NDF:697191.9/17

All: 76.959+/-0.011 χ^2/NDF: 1288310.3/33

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -740.345+/-161.220 χ^2/NDF:60.1/17

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

Left In: -141.899+/-165.820 χ^2/NDF:12.7/15

Left: -449.538+/-115.592 χ^2/NDF: 79.5/33

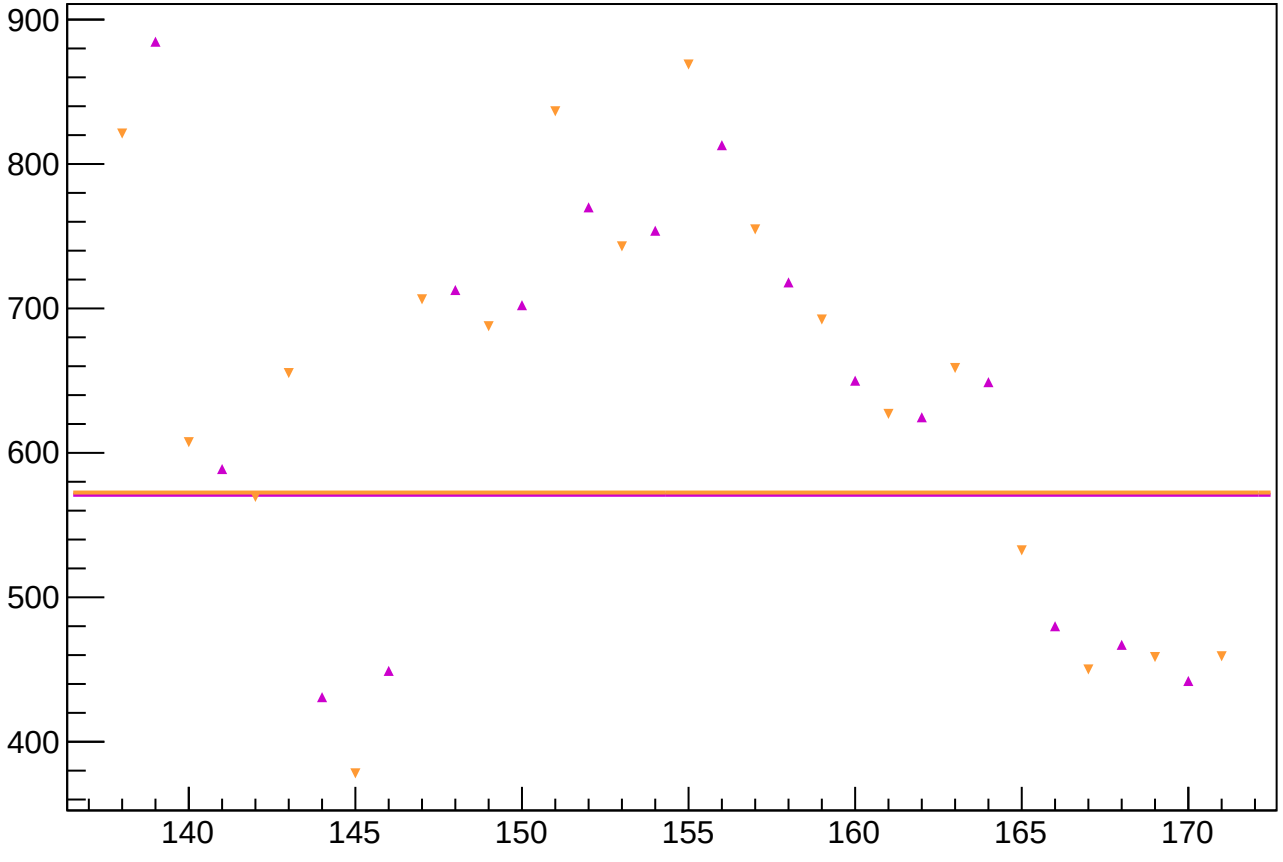
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -141.899+/-165.820 χ^2/NDF:12.7/15

Out: -740.345+/-161.220 χ^2/NDF:60.1/17

All: -449.538+/-115.592 χ^2/NDF: 79.5/33

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 572.541+/-0.114 χ^2/NDF:1572455.2/17

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

Left In: 570.985+/-0.117 χ^2/NDF:1343668.9/15

Left: 571.785+/-0.082 χ^2/NDF: 2916214.6/33

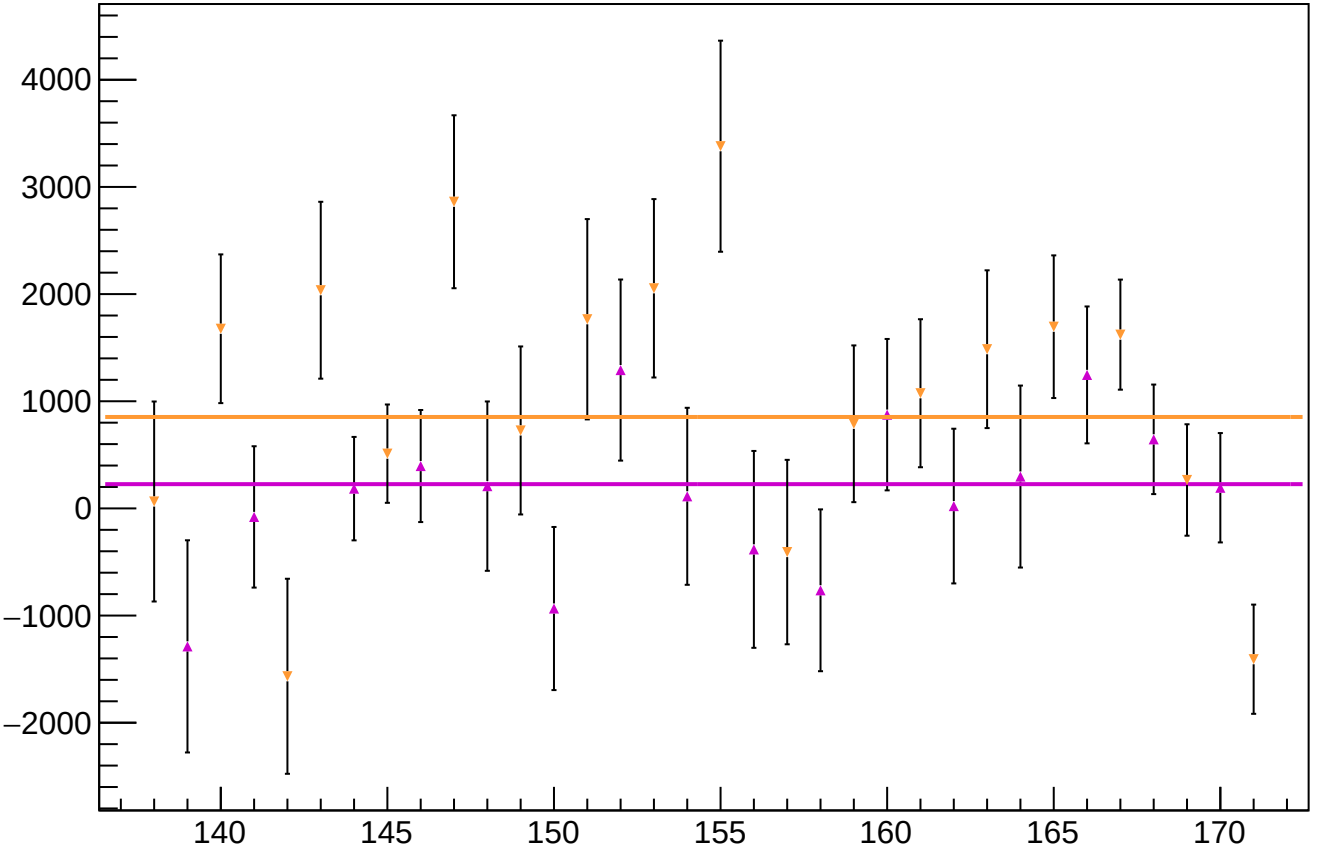
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 570.985+/-0.117 χ^2/NDF:1343668.9/15

Out: 572.541+/-0.114 χ^2/NDF:1572455.2/17

All: 571.785+/-0.082 χ^2/NDF: 2916214.6/33

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 853.246+/-161.824 χ^2/NDF:55.4/17

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

Left In: 226.356+/-167.062 χ^2/NDF:12.9/15

Left: 549.783+/-116.234 χ^2/NDF: 75.6/33

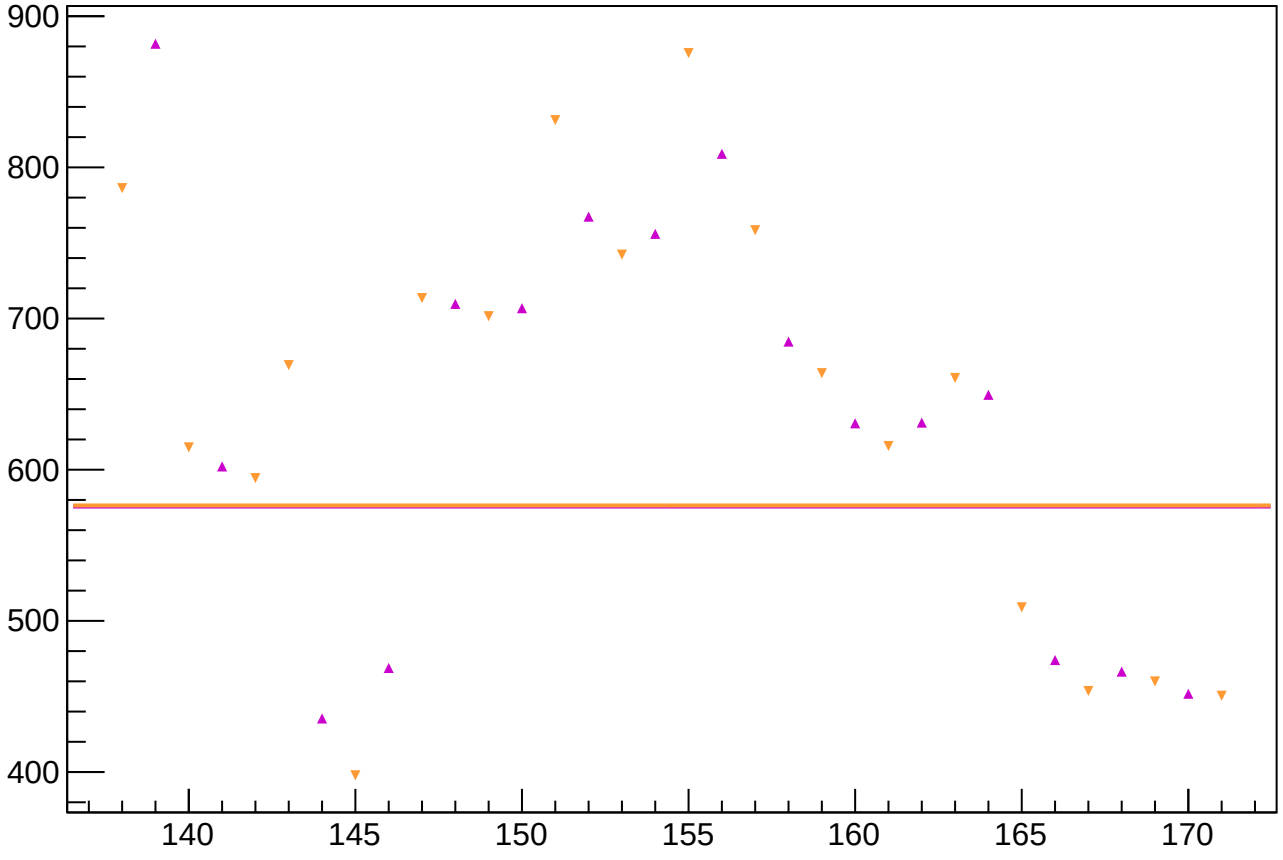
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 226.356+/-167.062 χ^2/NDF:12.9/15

Out: 853.246+/-161.824 χ^2/NDF:55.4/17

All: 549.783+/-116.234 χ^2/NDF: 75.6/33

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 576.355+/-0.114 χ^2/NDF:1465628.1/17

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

Left In: 575.637+/-0.118 χ^2/NDF:1231631.9/15

Left: 576.007+/-0.082 χ^2/NDF: 2697279.1/33

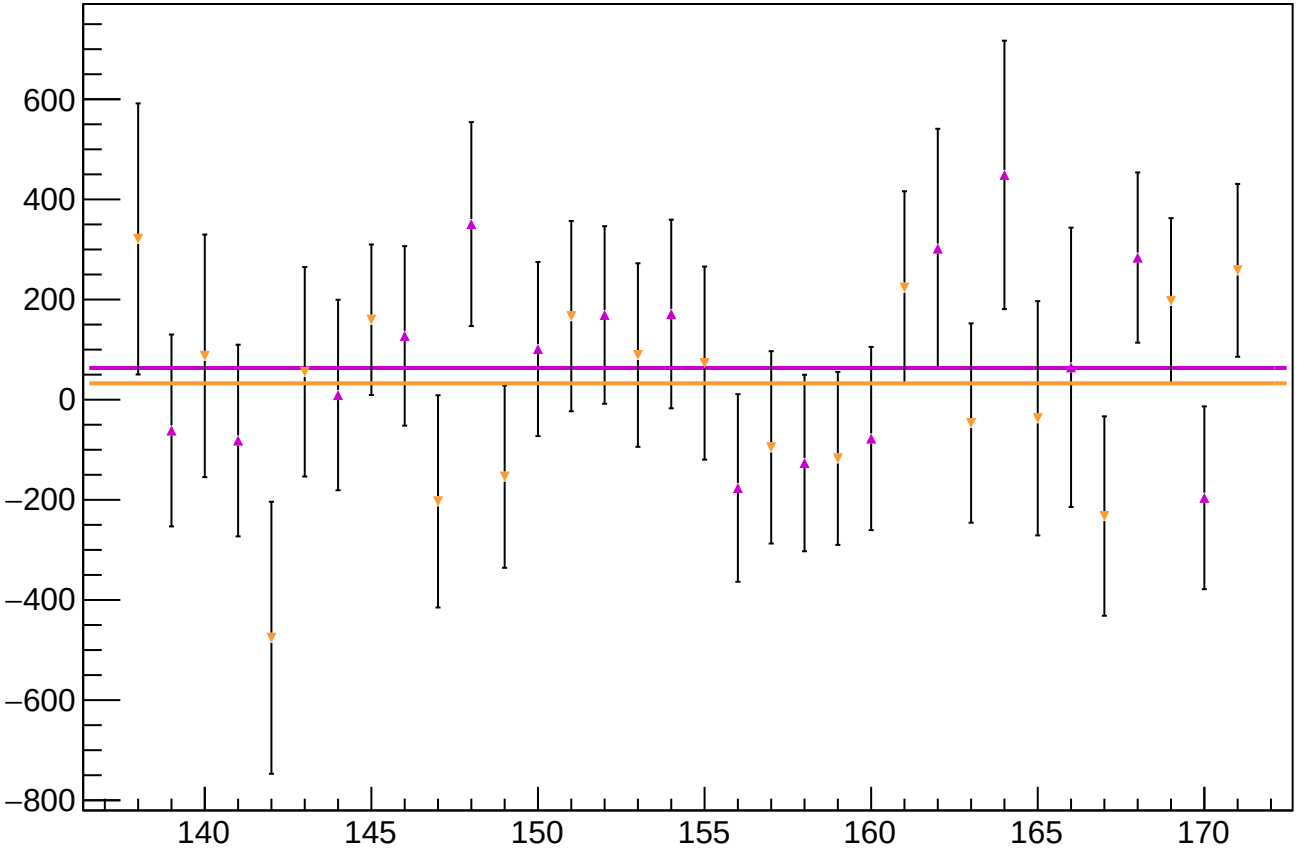
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 575.637+/-0.118 χ^2/NDF:1231631.9/15

Out: 576.355+/-0.114 χ^2/NDF:1465628.1/17

All: 576.007+/-0.082 χ^2/NDF: 2697279.1/33

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 32.760+/-45.901 χ^2/NDF:15.2/17

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

Left In: 63.324+/-48.231 χ^2/NDF:14.1/15

Left: 47.286+/-33.250 χ^2/NDF: 29.5/33

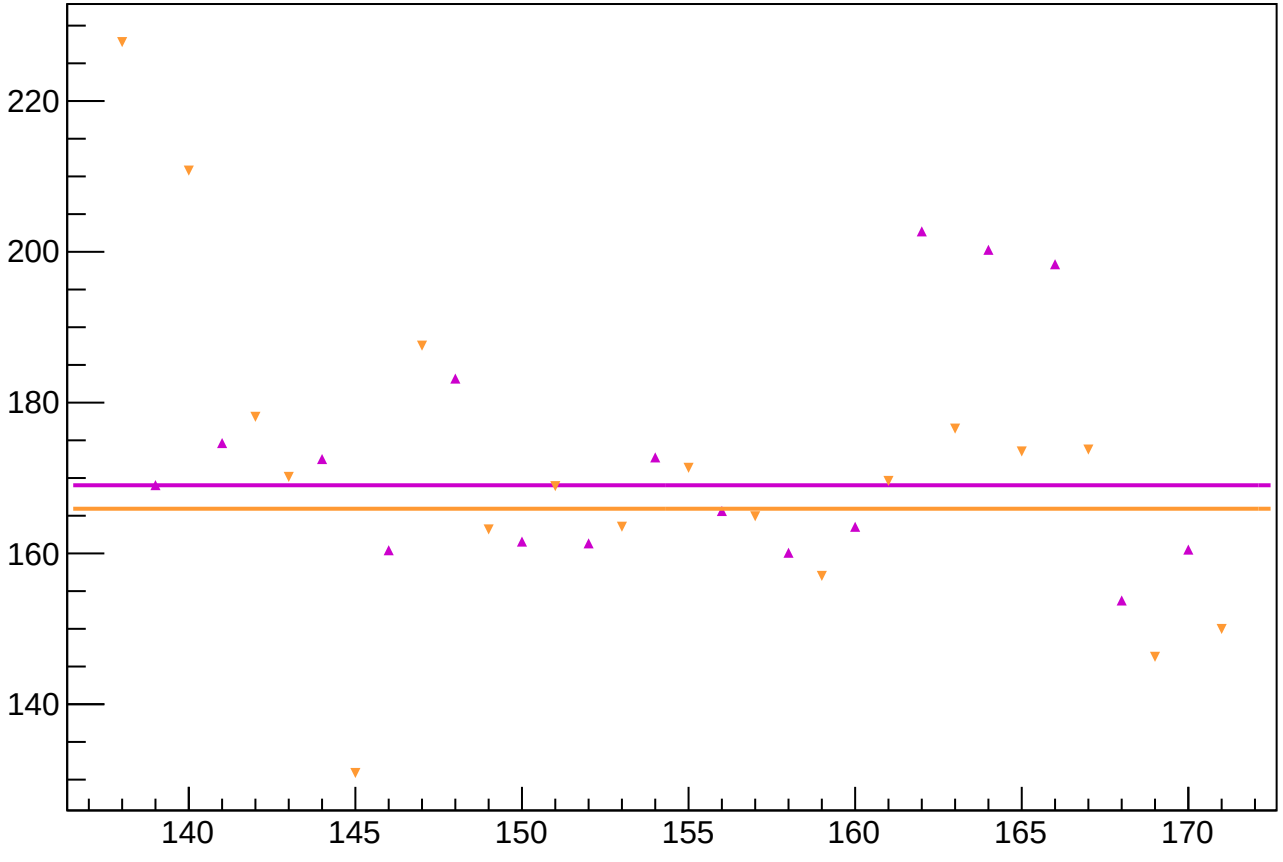
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.324+/-48.231 χ^2/NDF:14.1/15

Out: 32.760+/-45.901 χ^2/NDF:15.2/17

All: 47.286+/-33.250 χ^2/NDF: 29.5/33

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 165.928+/-0.032 χ^2/NDF:372669.9/17

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

Left In: 169.040+/-0.034 χ^2/NDF:141912.4/15

Left: 167.407+/-0.024 χ^2/NDF: 518952.3/33

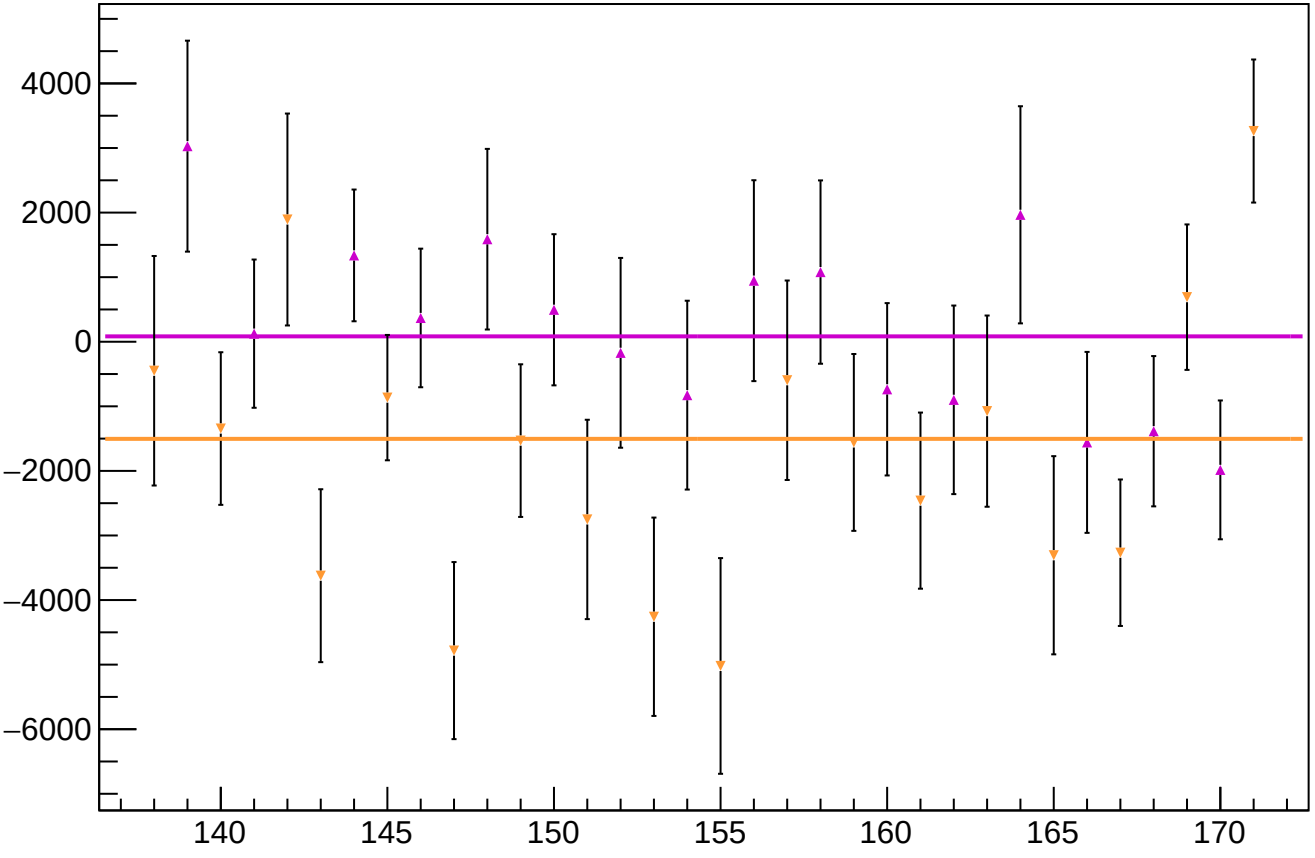
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 169.040+/-0.034 χ^2/NDF:141912.4/15

Out: 165.928+/-0.032 χ^2/NDF:372669.9/17

All: 167.407+/-0.024 χ^2/NDF: 518952.3/33

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1503.831+/-312.723 χ^2/NDF:48.7/17

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

Left In: 83.301+/-323.718 χ^2/NDF:16.1/15

Left: -737.676+/-224.915 χ^2/NDF: 77.2/33

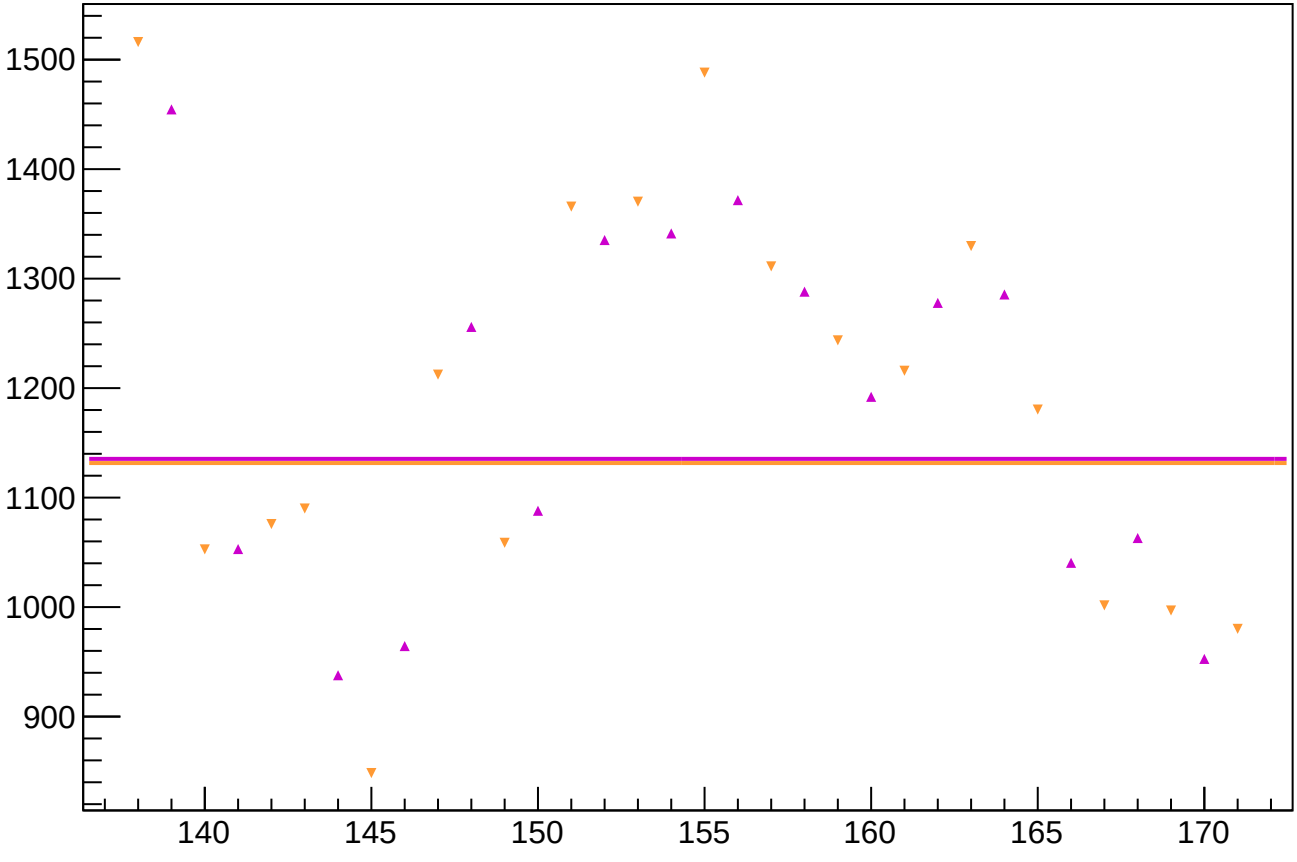
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.301+/-323.718 χ^2/NDF:16.1/15

Out: -1503.831+/-312.723 χ^2/NDF:48.7/17

All: -737.676+/-224.915 χ^2/NDF: 77.2/33

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1131.556+/-0.221 χ^2/NDF:655221.5/17

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

Left In: 1135.377+/-0.229 χ^2/NDF:489899.9/15

Left: 1133.401+/-0.159 χ^2/NDF: 1145265.6/33

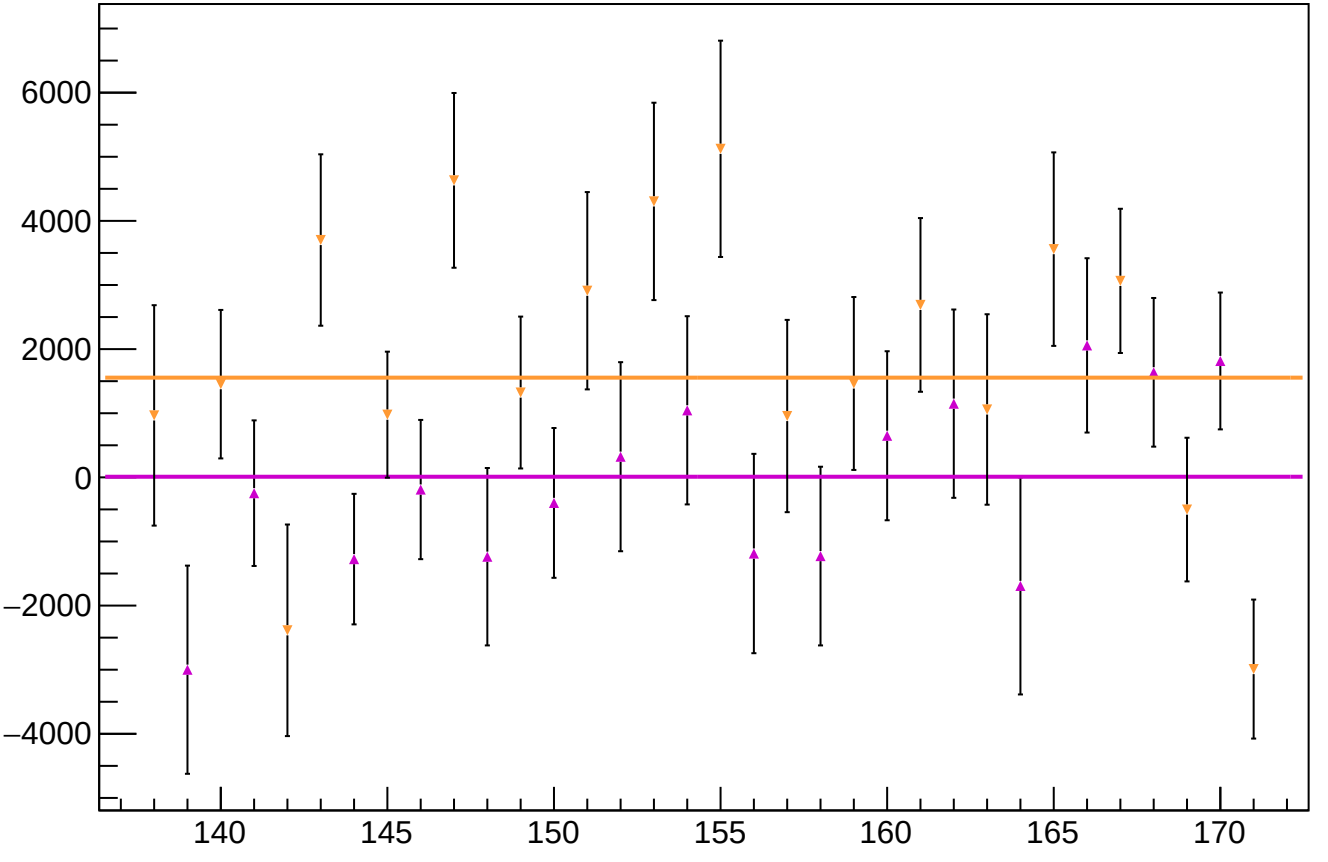
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1135.377+/-0.229 χ^2/NDF:489899.9/15

Out: 1131.556+/-0.221 χ^2/NDF:655221.5/17

All: 1133.401+/-0.159 χ^2/NDF: 1145265.6/33

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1555.056+/-310.621 χ^2/NDF:47.8/17

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

Left In: 9.505+/-322.283 χ^2/NDF:16.9/15

Left: 810.750+/-223.652 χ^2/NDF: 76.7/33

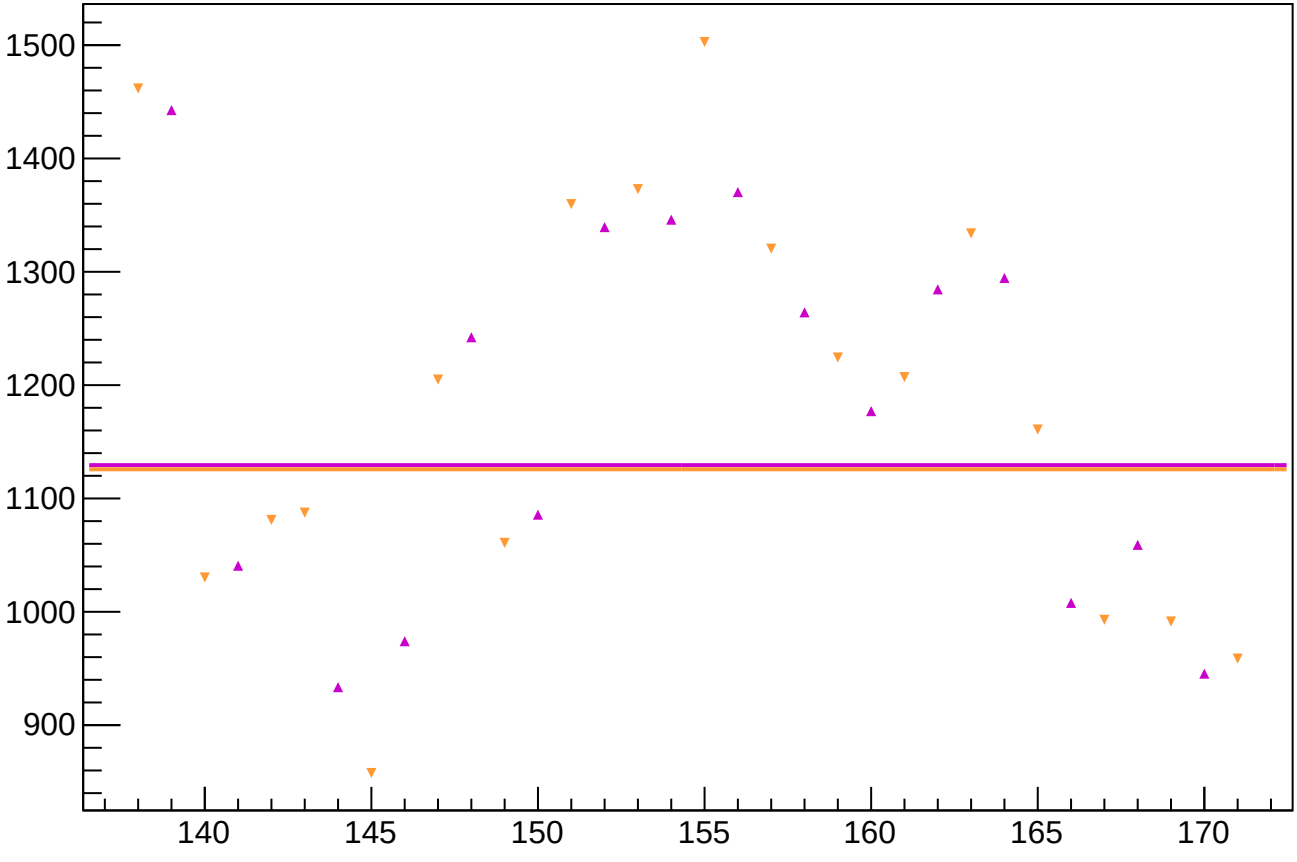
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.505+/-322.283 χ^2/NDF:16.9/15

Out: 1555.056+/-310.621 χ^2/NDF:47.8/17

All: 810.750+/-223.652 χ^2/NDF: 76.7/33

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1125.747+/-0.220 χ^2/NDF:648431.4/17

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

Left In: 1129.399+/-0.228 χ^2/NDF:495450.5/15

Left: 1127.505+/-0.158 χ^2/NDF: 1144015.0/33

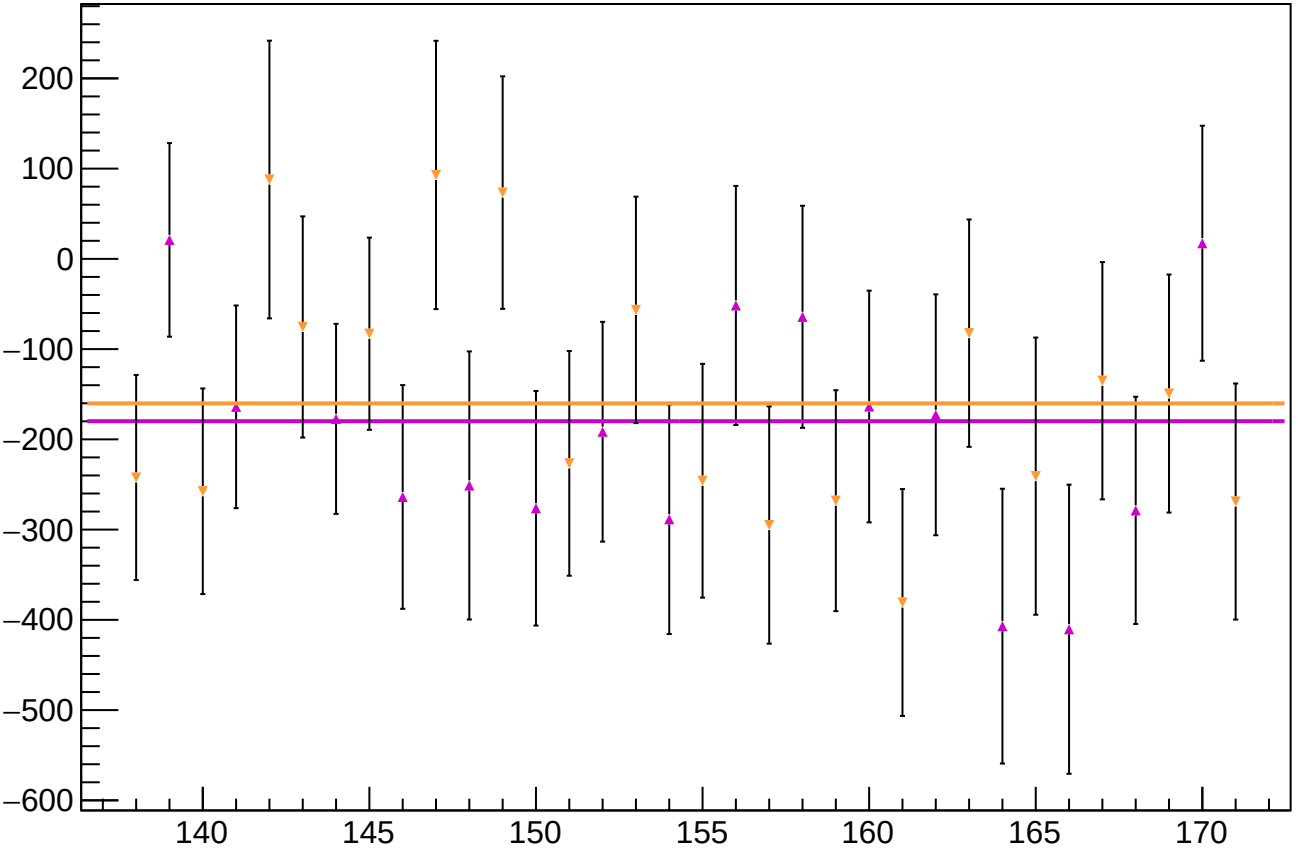
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1129.399+/-0.228 χ^2/NDF:495450.5/15

Out: 1125.747+/-0.220 χ^2/NDF:648431.4/17

All: 1127.505+/-0.158 χ^2/NDF: 1144015.0/33

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -160.117+/-29.992 χ^2/NDF:18.7/17

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

Left In: -179.871+/-31.634 χ^2/NDF:14.6/15

Left: -169.468+/-21.765 χ^2/NDF: 33.5/33

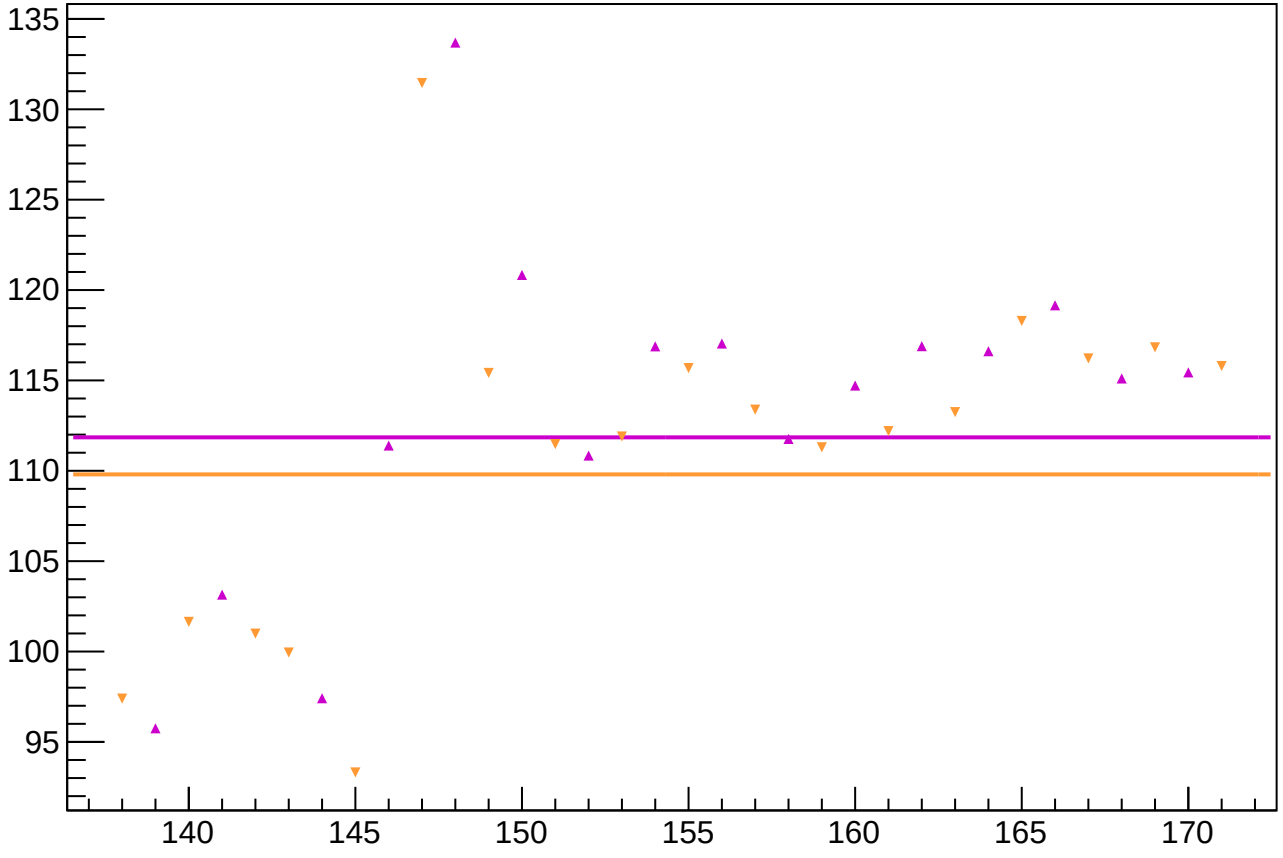
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -179.871+/-31.634 χ^2/NDF:14.6/15

Out: -160.117+/-29.992 χ^2/NDF:18.7/17

All: -169.468+/-21.765 χ^2/NDF: 33.5/33

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 109.801+/-0.021 χ^2/NDF:177571.3/17

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

Left In: 111.850+/-0.022 χ^2/NDF:166631.8/15

Left: 110.771+/-0.015 χ^2/NDF: 348624.4/33

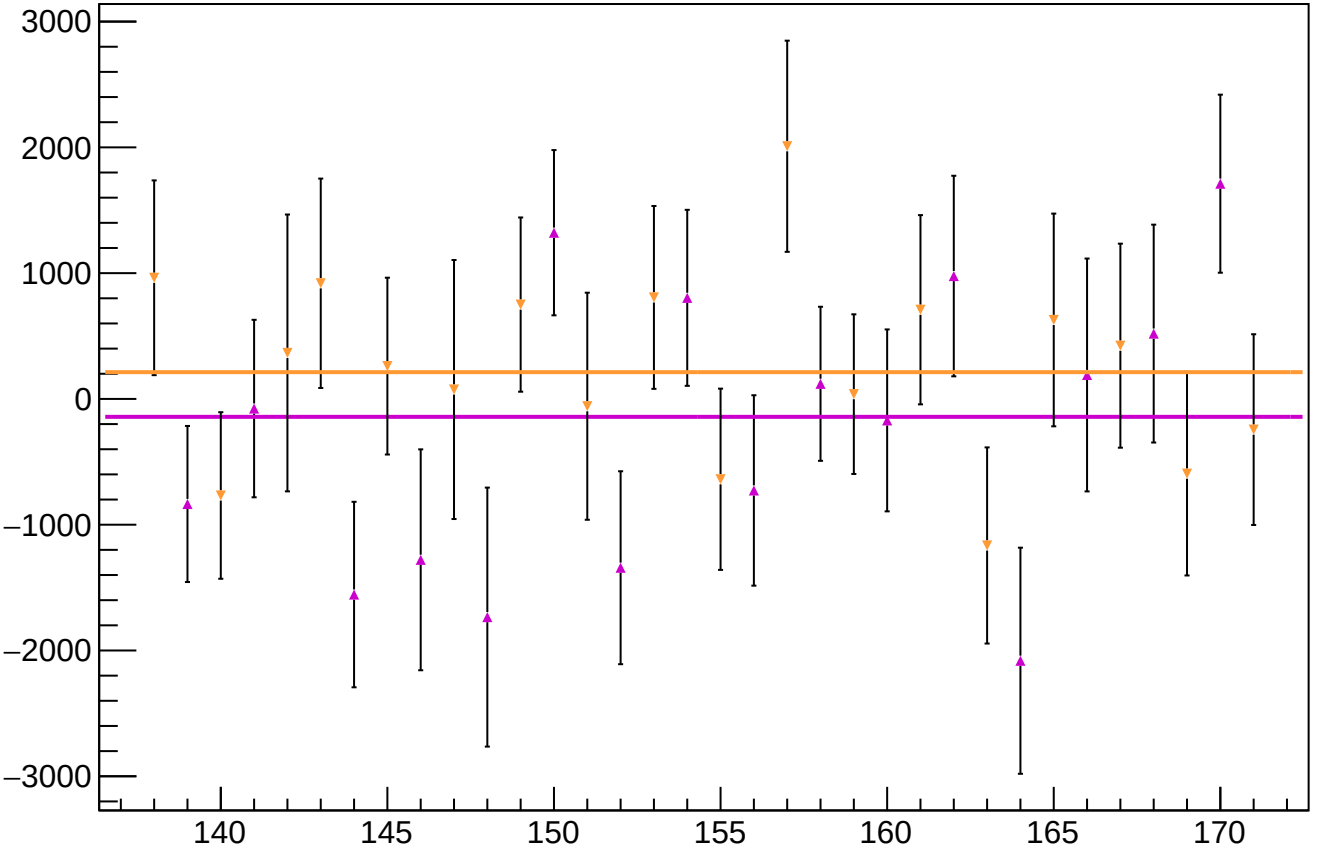
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.850+/-0.022 χ^2/NDF:166631.8/15

Out: 109.801+/-0.021 χ^2/NDF:177571.3/17

All: 110.771+/-0.015 χ^2/NDF: 348624.4/33

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 212.820+/-183.141 χ^2/NDF:16.5/17

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

Left In: -142.391+/-187.723 χ^2/NDF:33.2/15

Left: 39.603+/-131.090 χ^2/NDF: 51.6/33

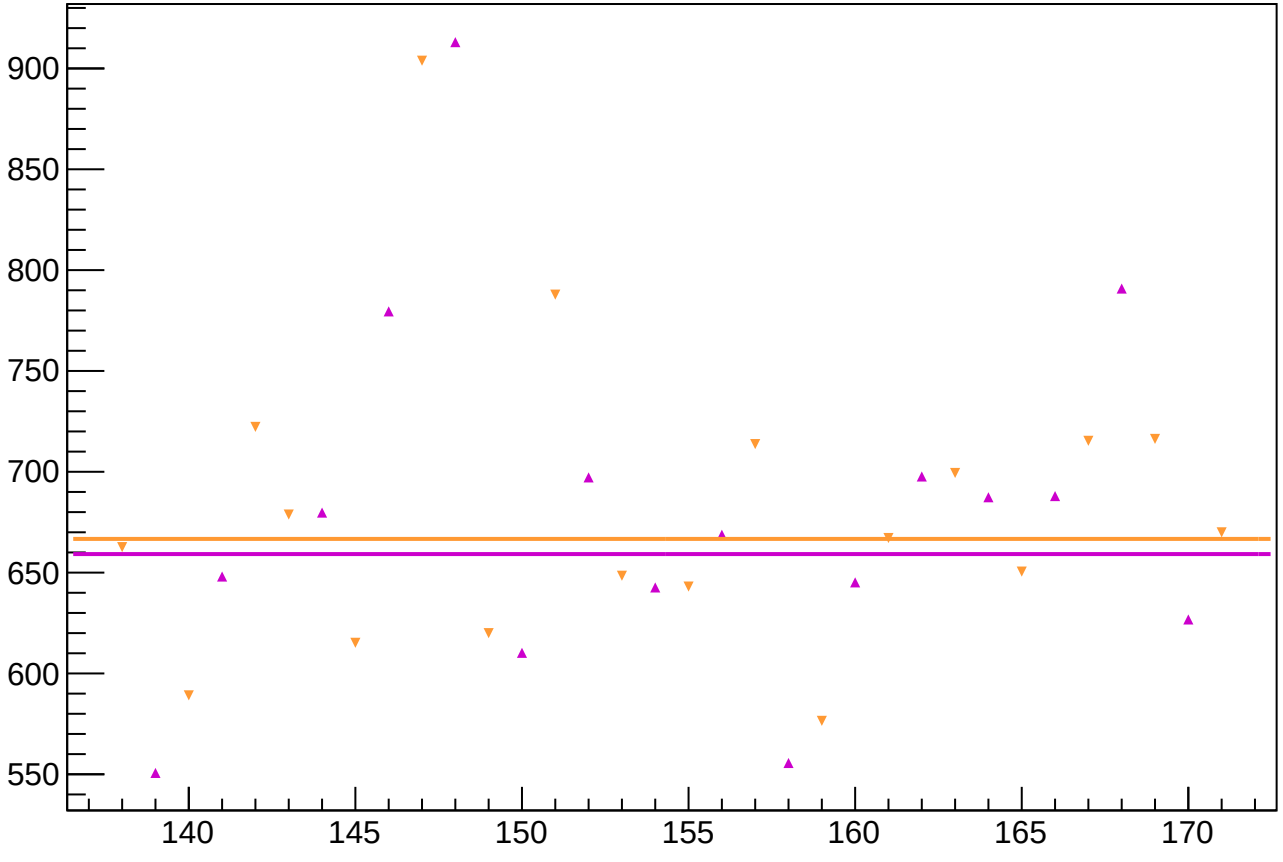
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -142.391+/-187.723 χ^2/NDF:33.2/15

Out: 212.820+/-183.141 χ^2/NDF:16.5/17

All: 39.603+/-131.090 χ^2/NDF: 51.6/33

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 666.714+/-0.130 χ^2/NDF:264062.1/17

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

Left In: 659.195+/-0.133 χ^2/NDF:356803.4/15

Left: 663.047+/-0.093 χ^2/NDF: 622509.4/33

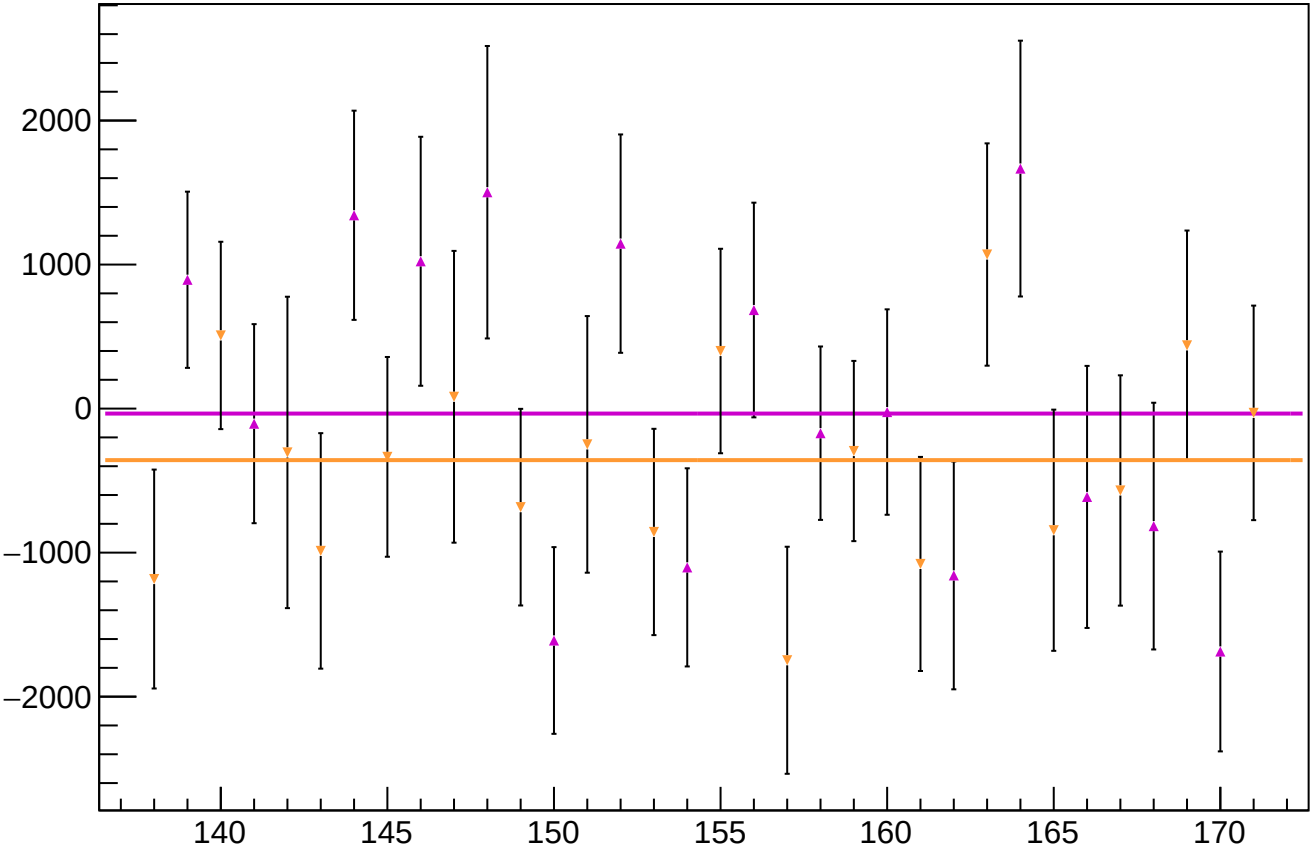
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 659.195+/-0.133 χ^2/NDF:356803.4/15

Out: 666.714+/-0.130 χ^2/NDF:264062.1/17

All: 663.047+/-0.093 χ^2/NDF: 622509.4/33

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -357.758+/-180.011 χ^2/NDF:14.7/17

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

Left In: -34.506+/-184.916 χ^2/NDF:34.0/15

Left: -200.476+/-128.986 χ^2/NDF: 50.3/33

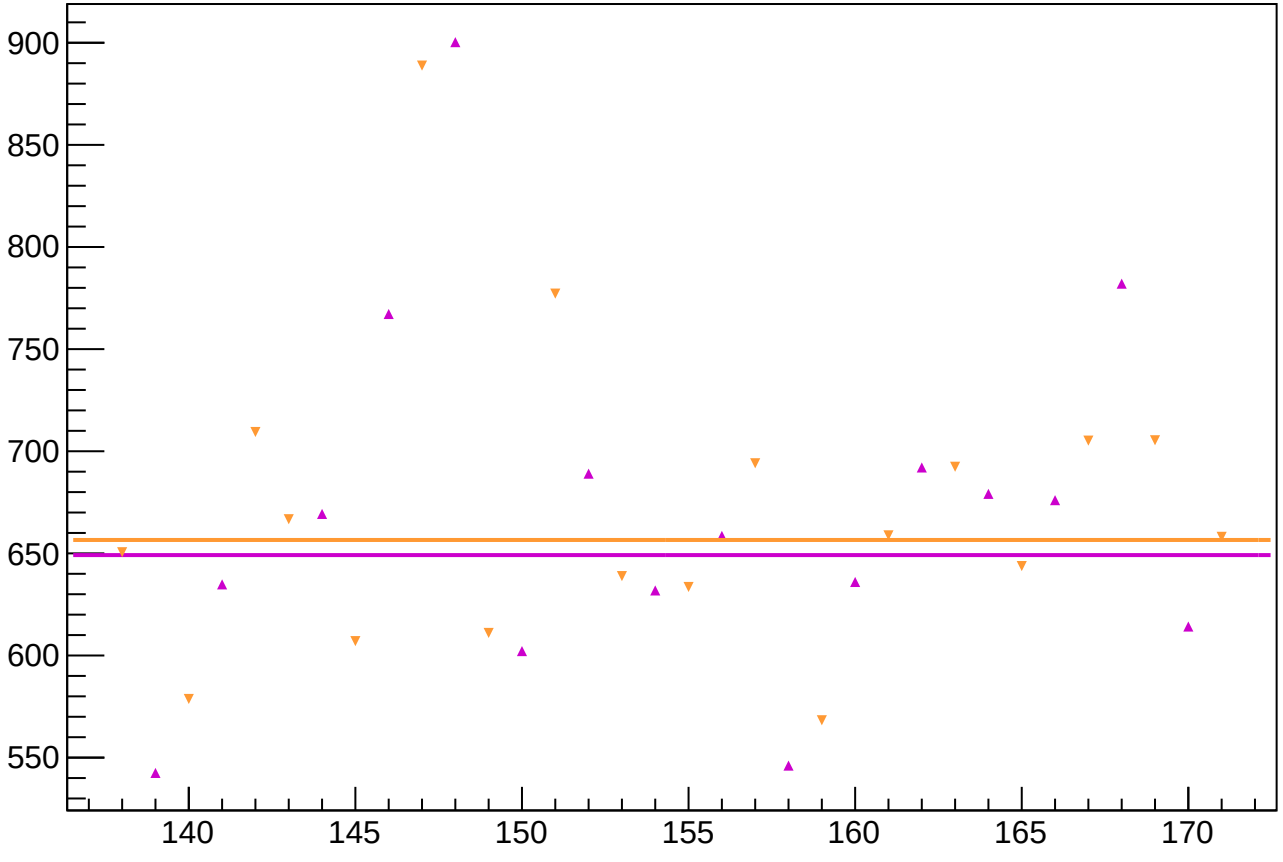
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.506+/-184.916 χ^2/NDF:34.0/15

Out: -357.758+/-180.011 χ^2/NDF:14.7/17

All: -200.476+/-128.986 χ^2/NDF: 50.3/33

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 656.566+/-0.127 χ^2/NDF:262139.4/17

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

Left In: 649.162+/-0.131 χ^2/NDF:362927.5/15

Left: 652.964+/-0.091 χ^2/NDF: 626713.4/33

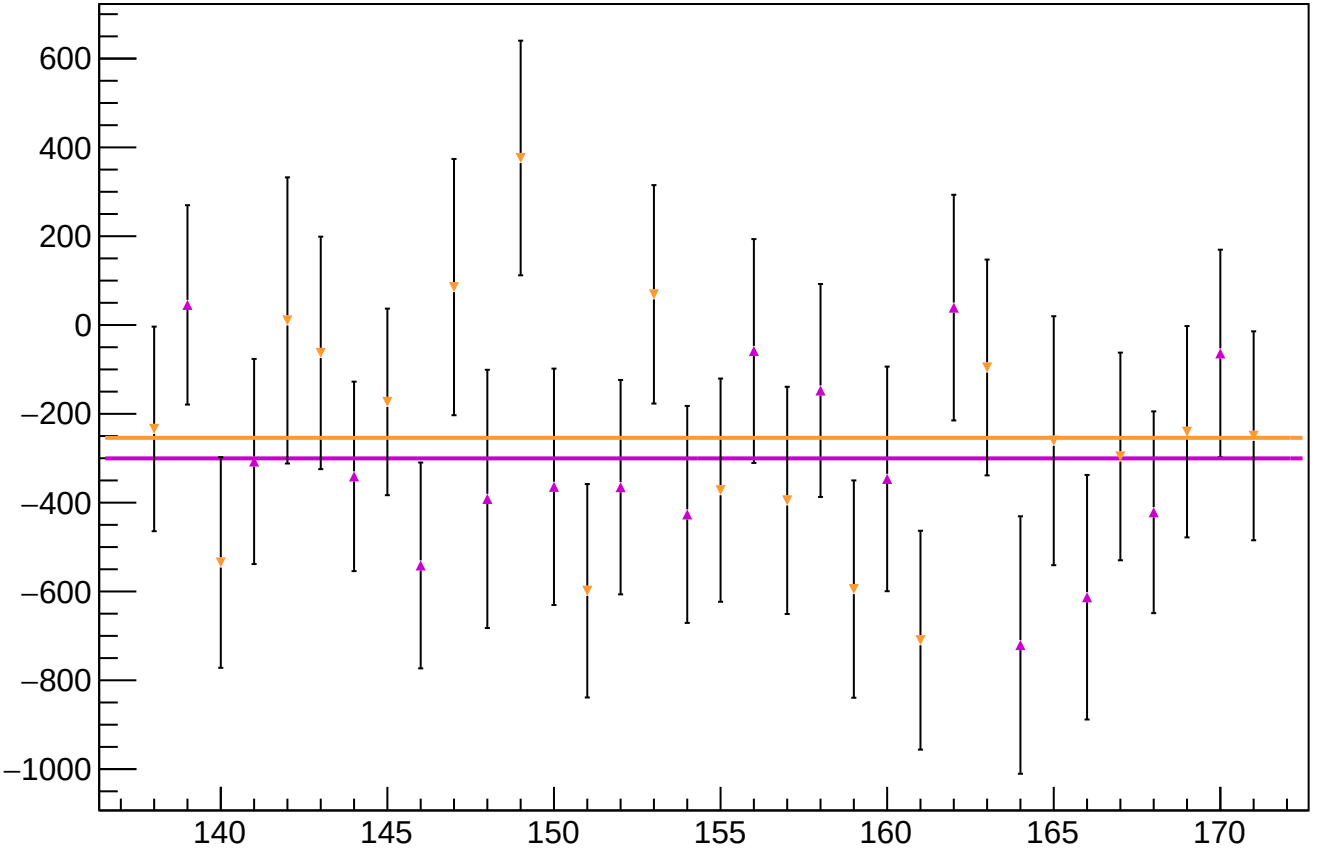
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 649.162+/-0.131 χ^2/NDF:362927.5/15

Out: 656.566+/-0.127 χ^2/NDF:262139.4/17

All: 652.964+/-0.091 χ^2/NDF: 626713.4/33

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -254.030+/-58.554 χ^2/NDF:20.0/17

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

Left In: -300.289+/-61.301 χ^2/NDF:11.8/15

Left: -276.100+/-42.342 χ^2/NDF: 32.1/33

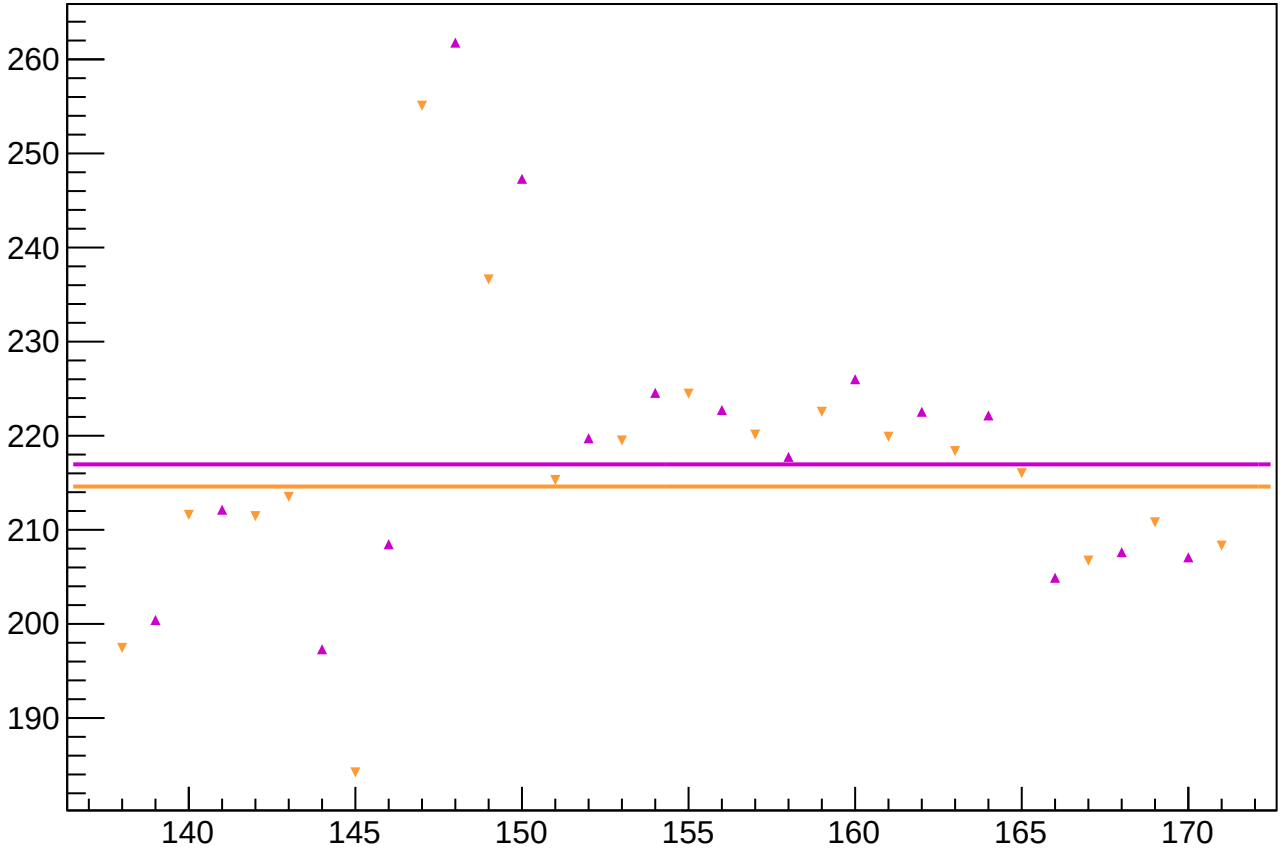
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -300.289+/-61.301 χ^2/NDF:11.8/15

Out: -254.030+/-58.554 χ^2/NDF:20.0/17

All: -276.100+/-42.342 χ^2/NDF: 32.1/33

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 214.601+/-0.041 χ^2/NDF:119287.3/17

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

Left In: 216.956+/-0.043 χ^2/NDF:123132.1/15

Left: 215.725+/-0.030 χ^2/NDF: 243963.3/33

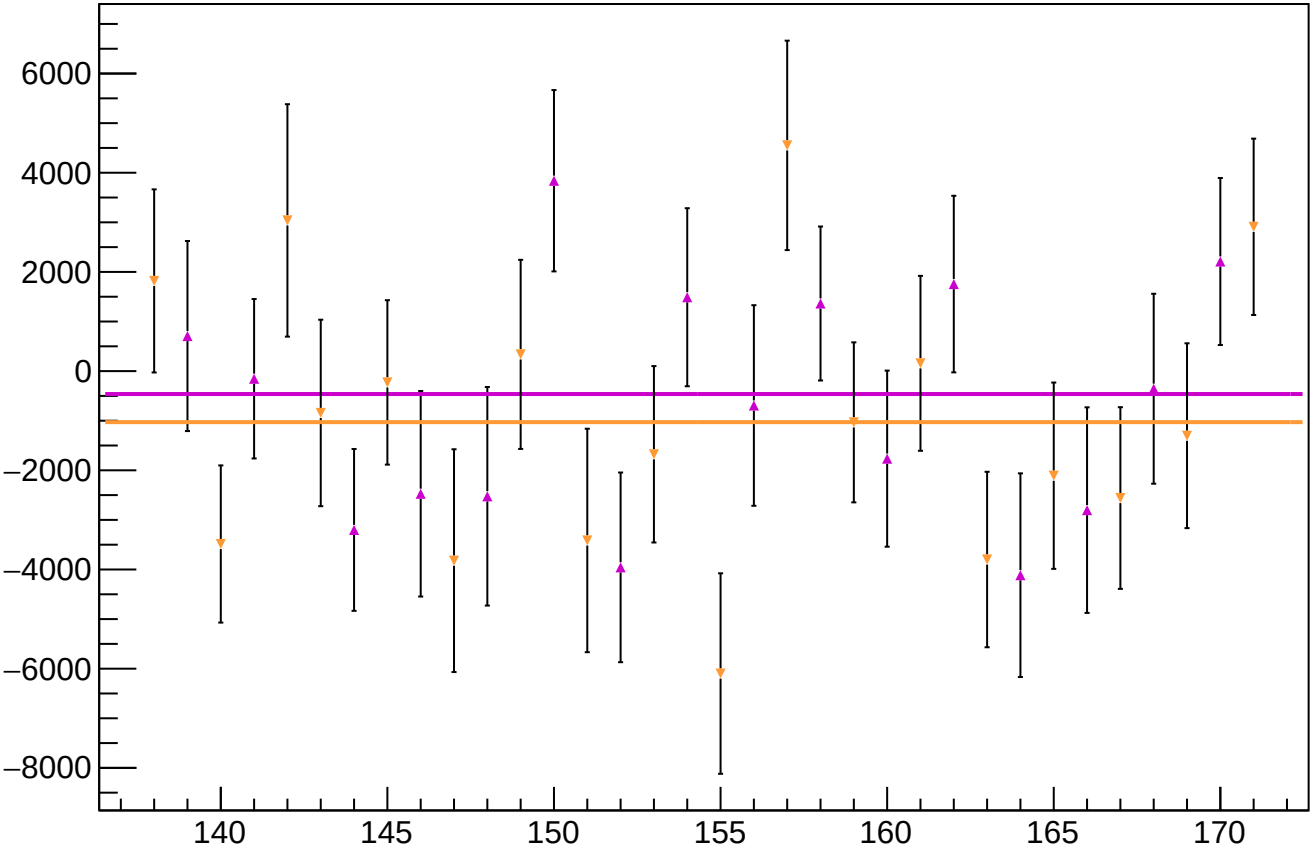
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 216.956+/-0.043 χ^2/NDF:123132.1/15

Out: 214.601+/-0.041 χ^2/NDF:119287.3/17

All: 215.725+/-0.030 χ^2/NDF: 243963.3/33

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1028.878+/-439.058 χ^2/NDF:33.5/17

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

Left In: -462.193+/-459.094 χ^2/NDF:25.6/15

Left: -758.171+/-317.308 χ^2/NDF: 59.8/33

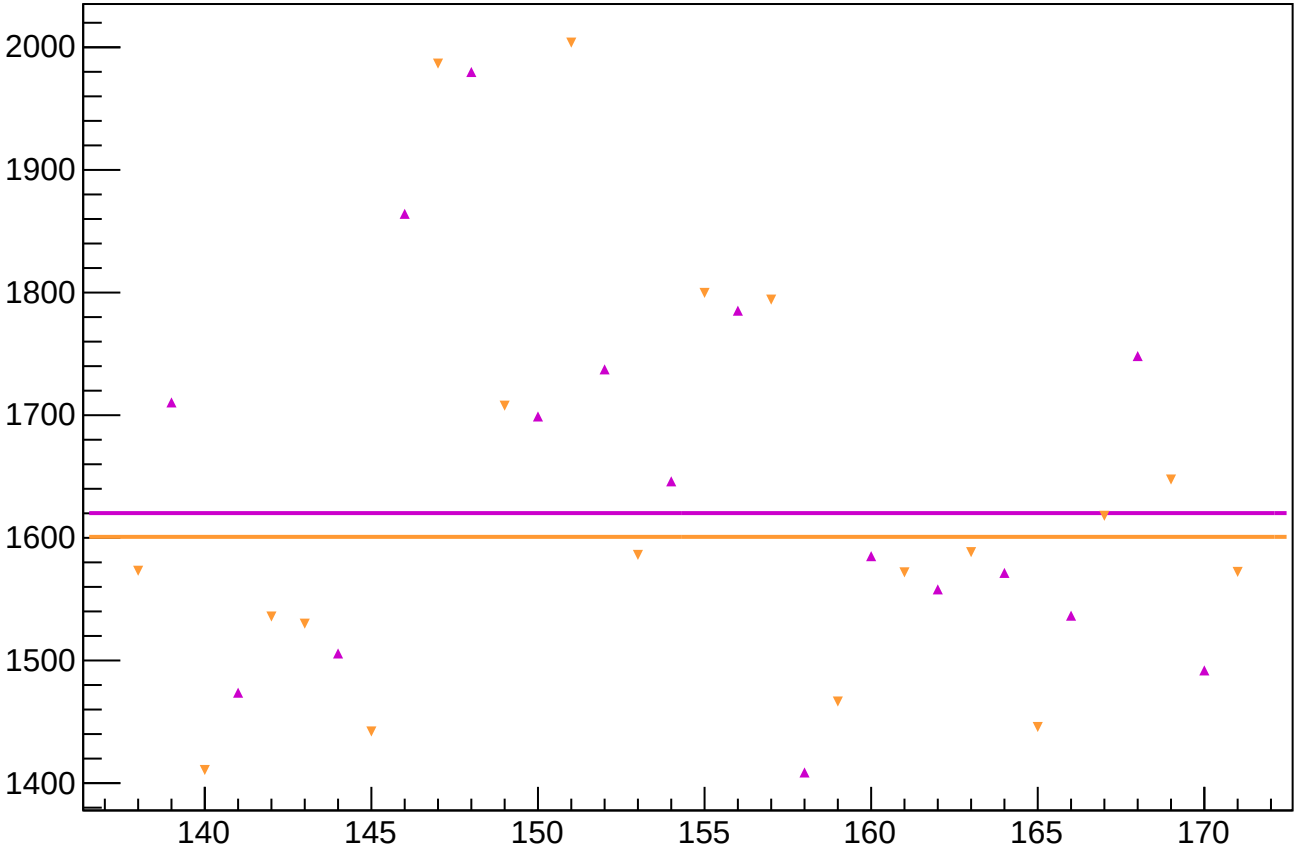
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -462.193+/-459.094 χ^2/NDF:25.6/15

Out: -1028.878+/-439.058 χ^2/NDF:33.5/17

All: -758.171+/-317.308 χ^2/NDF: 59.8/33

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1600.800+/-0.310 χ^2/NDF:247618.0/17

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

Left In: 1620.178+/-0.325 χ^2/NDF:202164.1/15

Left: 1610.057+/-0.224 χ^2/NDF: 451643.1/33

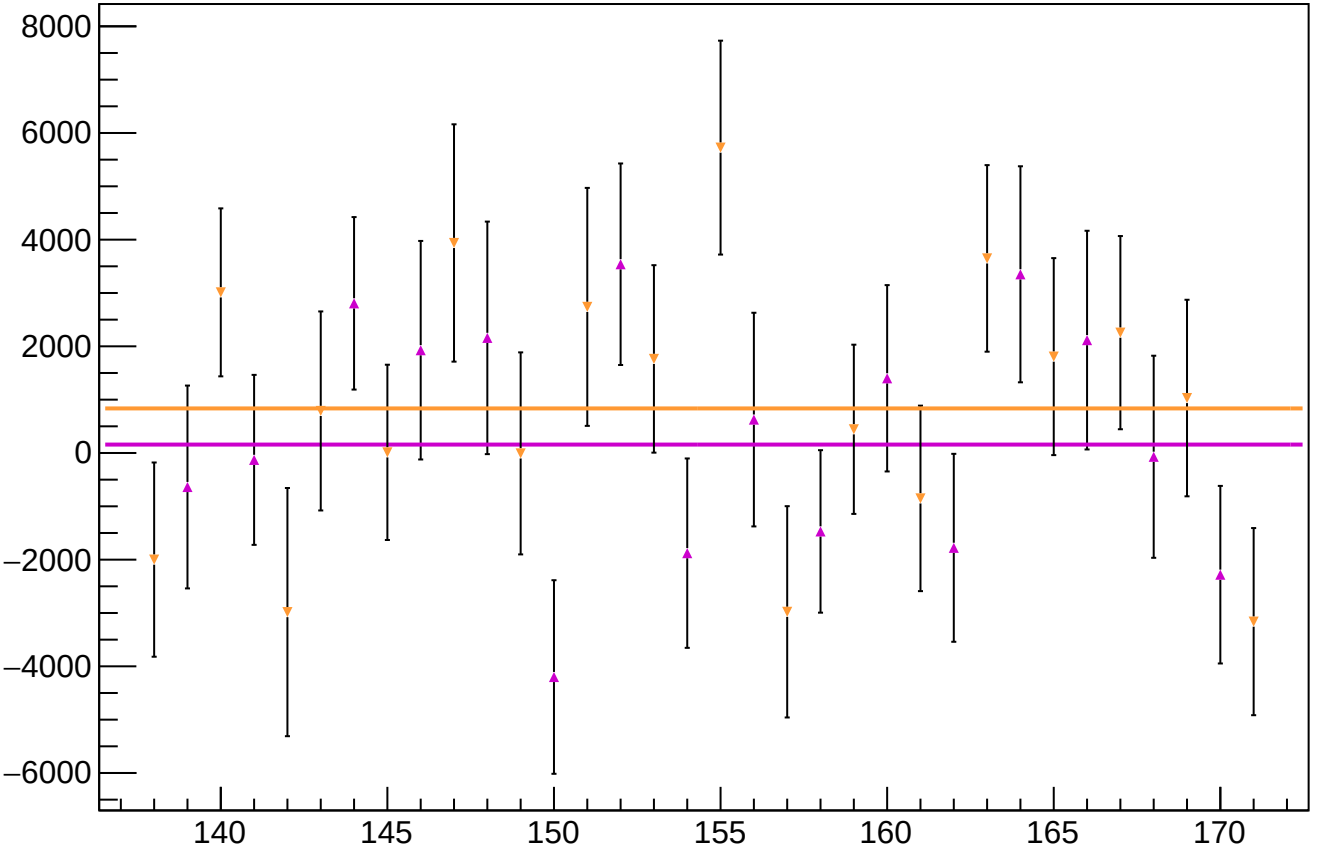
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1620.178+/-0.325 χ^2/NDF:202164.1/15

Out: 1600.800+/-0.310 χ^2/NDF:247618.0/17

All: 1610.057+/-0.224 χ^2/NDF: 451643.1/33

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 835.512+/-433.216 χ^2/NDF:29.8/17

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

Left In: 157.715+/-453.929 χ^2/NDF:23.2/15

Left: 512.430+/-313.397 χ^2/NDF: 54.2/33

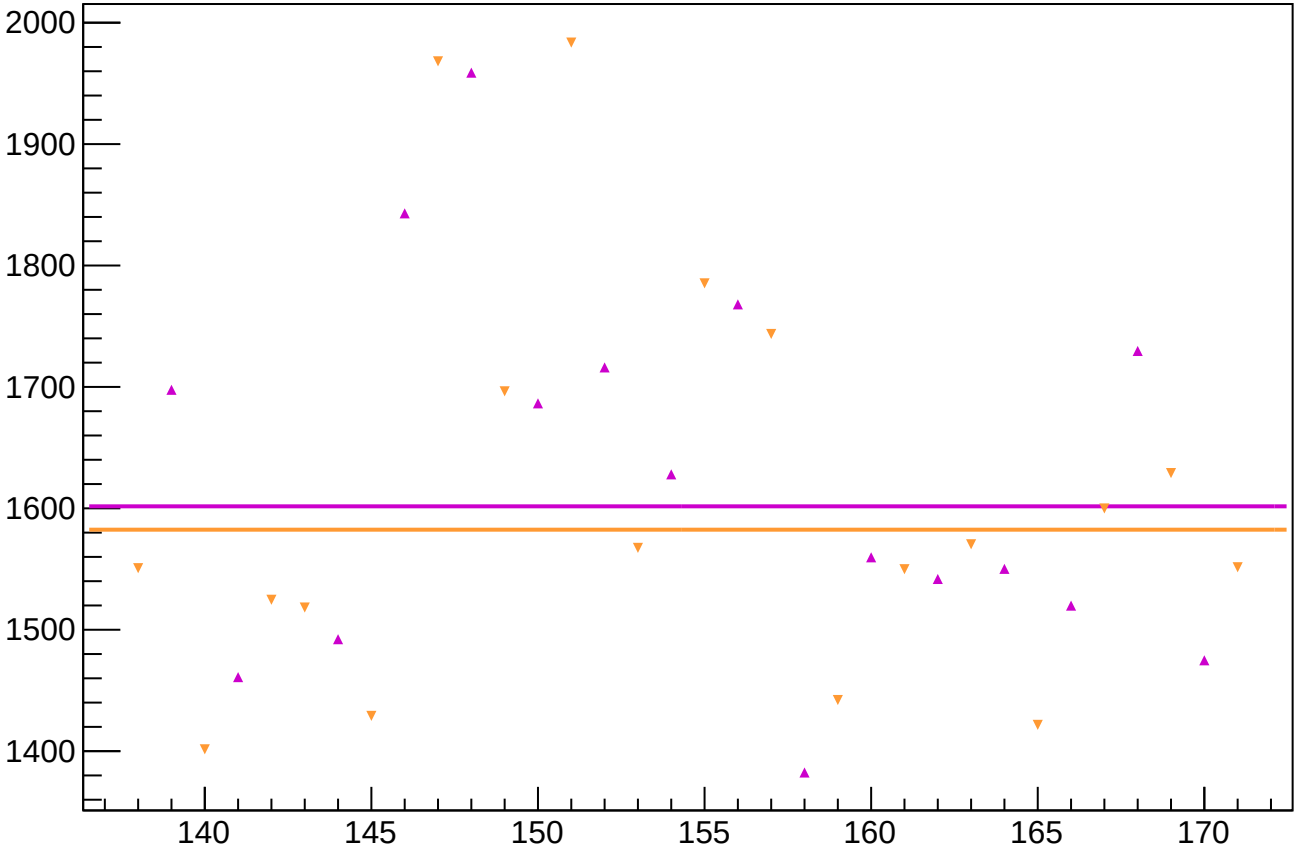
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 157.715+/-453.929 χ^2/NDF:23.2/15

Out: 835.512+/-433.216 χ^2/NDF:29.8/17

All: 512.430+/-313.397 χ^2/NDF: 54.2/33

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1582.420+/-0.306 χ^2/NDF:247582.8/17

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

Left In: 1601.656+/-0.321 χ^2/NDF:207303.4/15

Left: 1591.589+/-0.222 χ^2/NDF: 456765.9/33

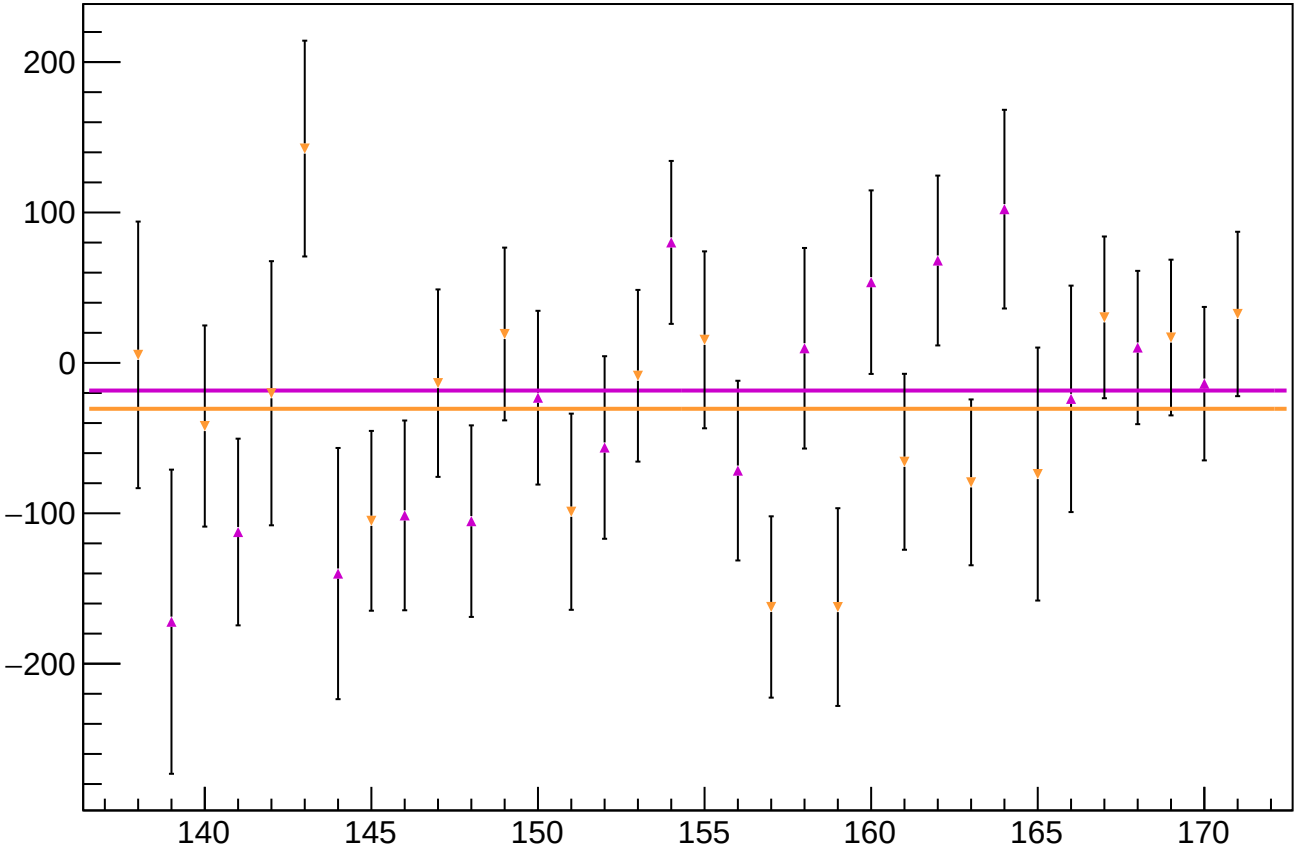
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1601.656+/-0.321 χ^2/NDF:207303.4/15

Out: 1582.420+/-0.306 χ^2/NDF:247582.8/17

All: 1591.589+/-0.222 χ^2/NDF: 456765.9/33

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -30.515+/-14.634 χ^2/NDF:23.9/17

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

Left In: -18.381+/-15.481 χ^2/NDF:22.4/15

Left: -24.789+/-10.635 χ^2/NDF: 46.6/33

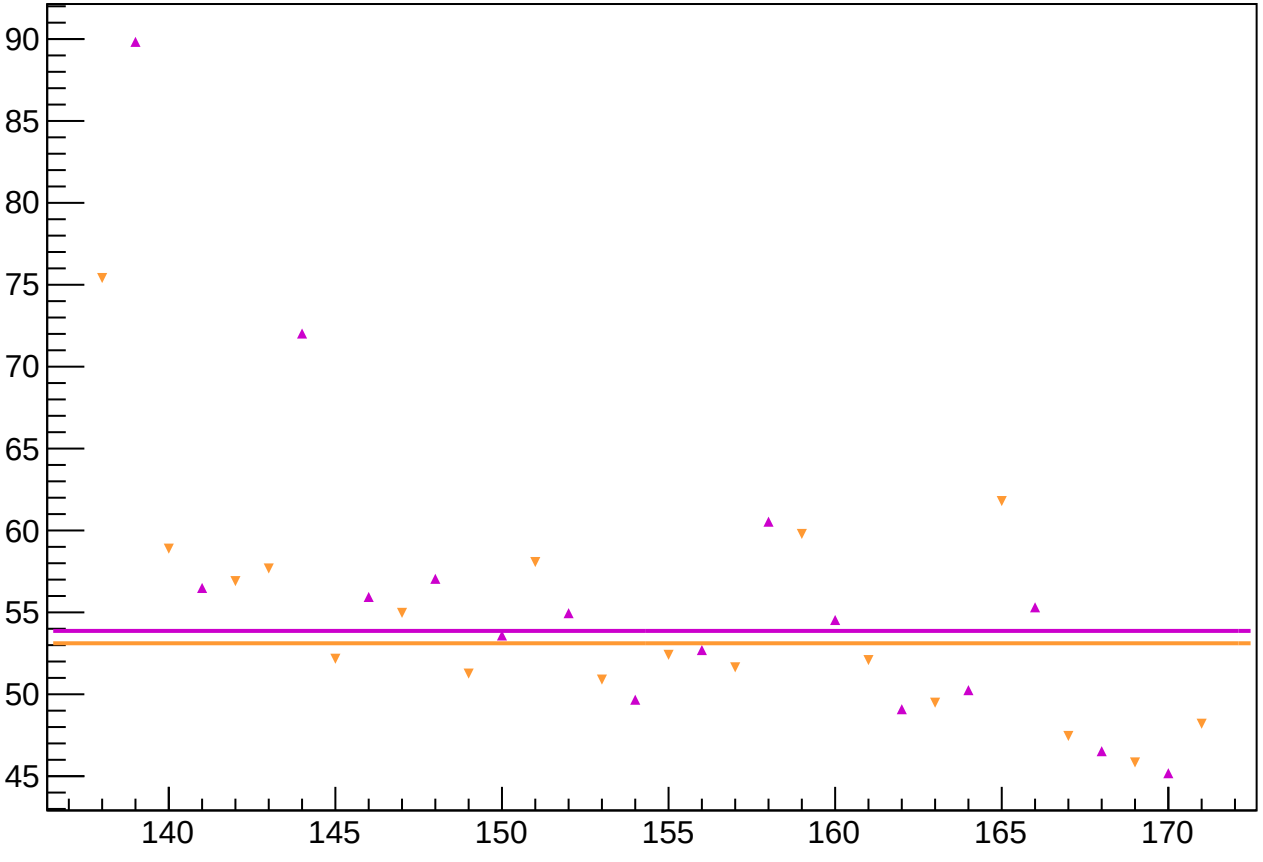
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.381+/-15.481 χ^2/NDF:22.4/15

Out: -30.515+/-14.634 χ^2/NDF:23.9/17

All: -24.789+/-10.635 χ^2/NDF: 46.6/33

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 53.114+/-0.010 χ^2/NDF:302763.9/17

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

Left In: 53.869+/-0.011 χ^2/NDF:512463.1/15

Left: 53.470+/-0.008 χ^2/NDF: 817739.1/33

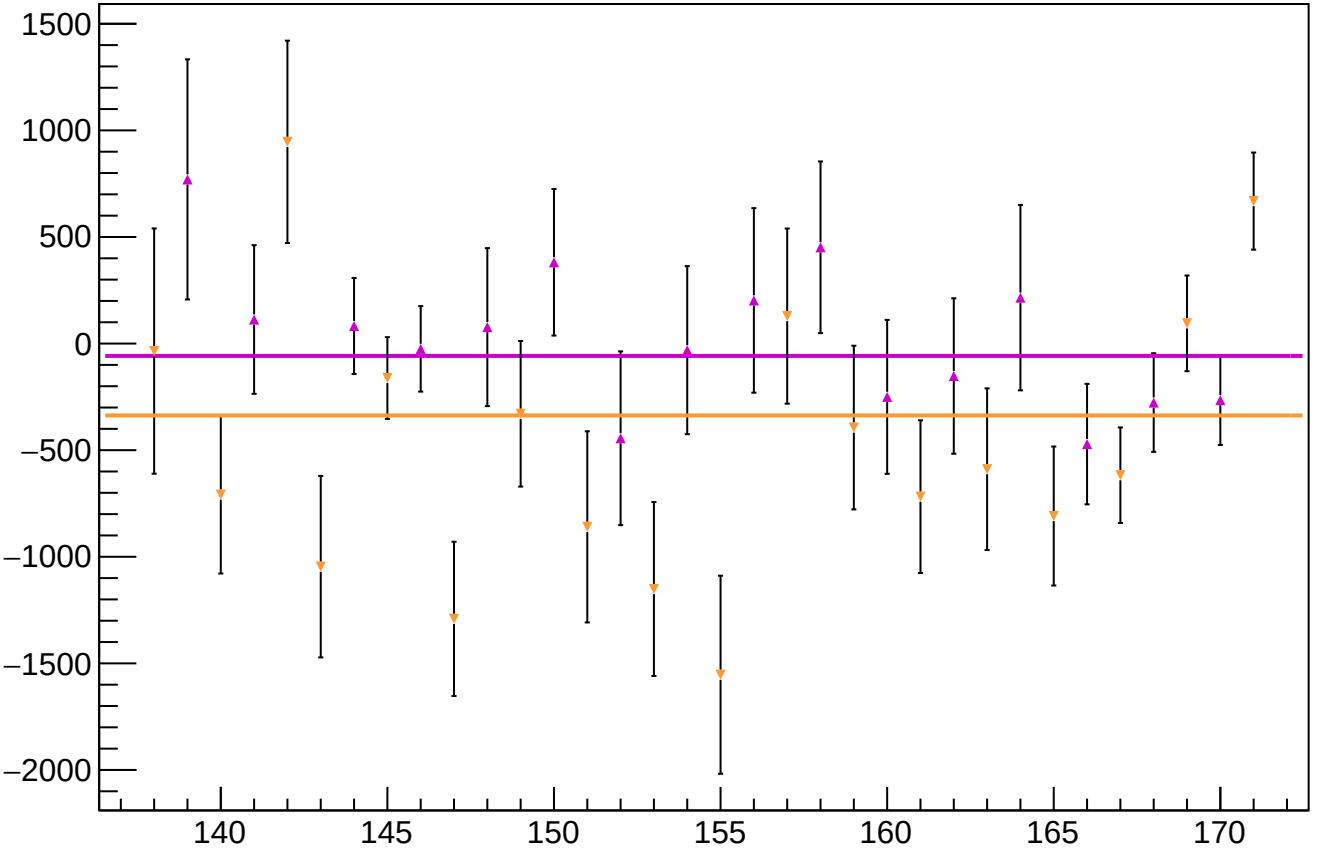
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.869+/-0.011 χ^2/NDF:512463.1/15

Out: 53.114+/-0.010 χ^2/NDF:302763.9/17

All: 53.470+/-0.008 χ^2/NDF: 817739.1/33

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -337.177+/-75.542 χ^2/NDF:61.1/17

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

Left In: -57.854+/-76.702 χ^2/NDF:12.2/15

Left: -199.644+/-53.822 χ^2/NDF: 80.0/33

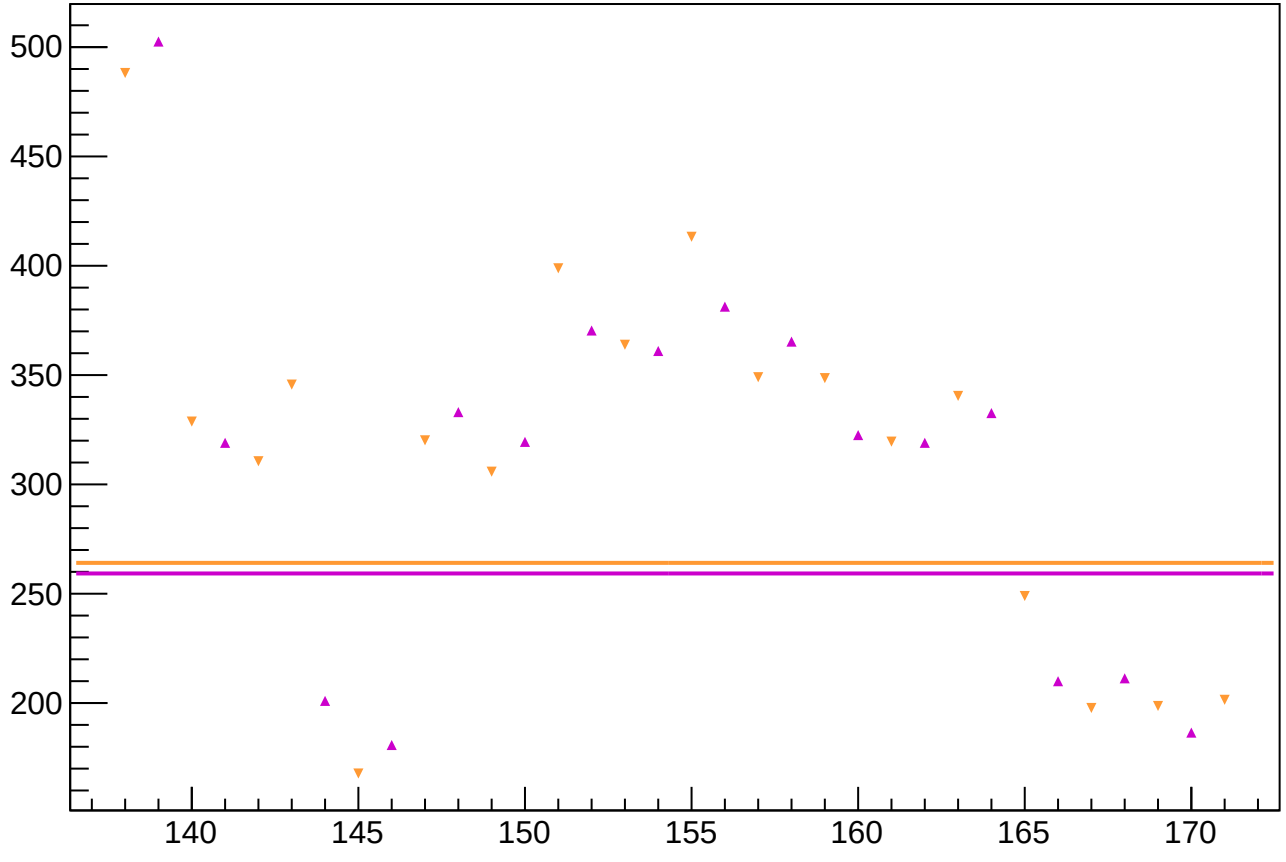
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -57.854+/-76.702 χ^2/NDF:12.2/15

Out: -337.177+/-75.542 χ^2/NDF:61.1/17

All: -199.644+/-53.822 χ^2/NDF: 80.0/33

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 264.108+/-0.053 χ^2/NDF:2358448.5/17

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

Left In: 259.261+/-0.054 χ^2/NDF:2150878.3/15

Left: 261.722+/-0.038 χ^2/NDF: 4513381.5/33

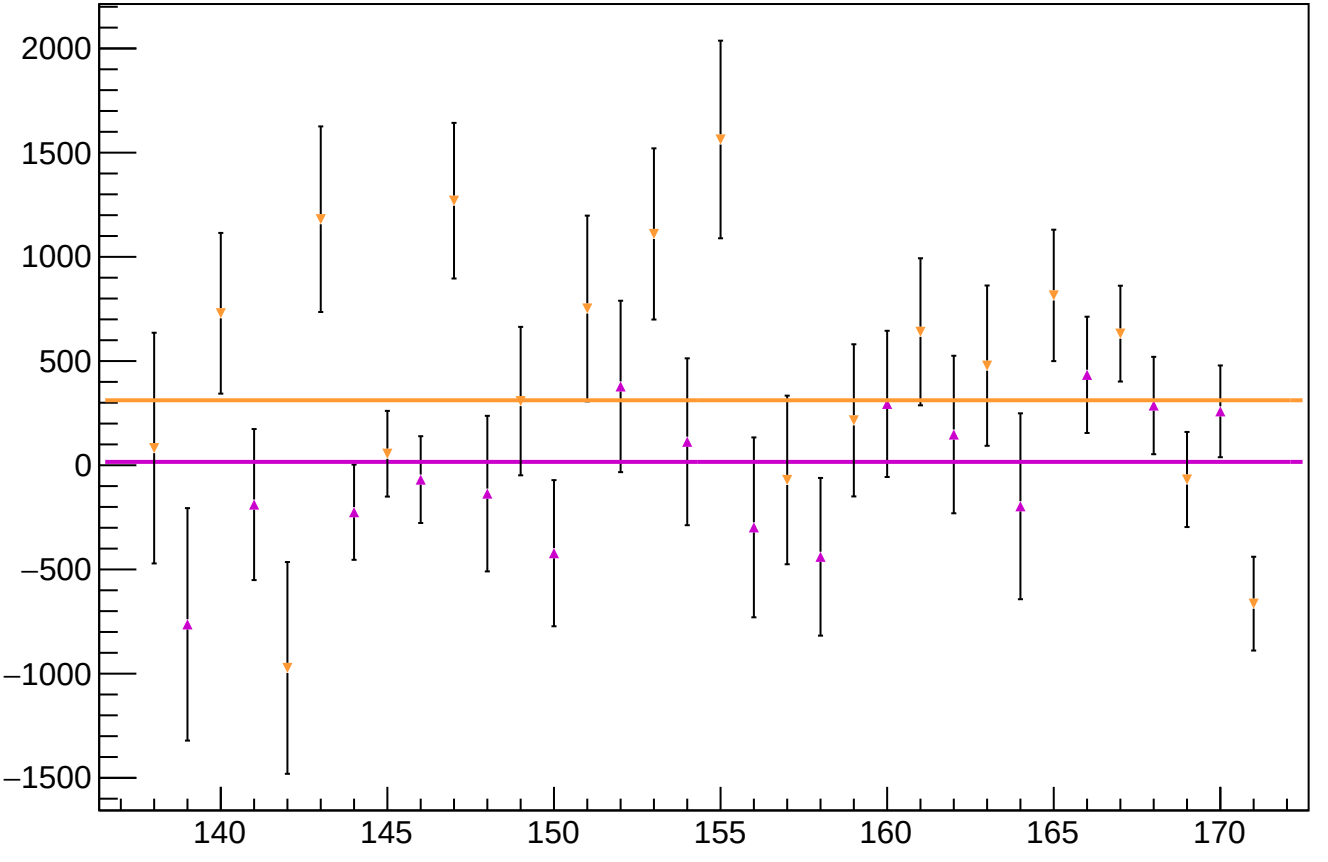
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 259.261+/-0.054 χ^2/NDF:2150878.3/15

Out: 264.108+/-0.053 χ^2/NDF:2358448.5/17

All: 261.722+/-0.038 χ^2/NDF: 4513381.5/33

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 311.762+/-76.842 χ^2/NDF:59.5/17

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

Left In: 16.155+/-77.896 χ^2/NDF:13.9/15

Left: 165.973+/-54.704 χ^2/NDF: 80.6/33

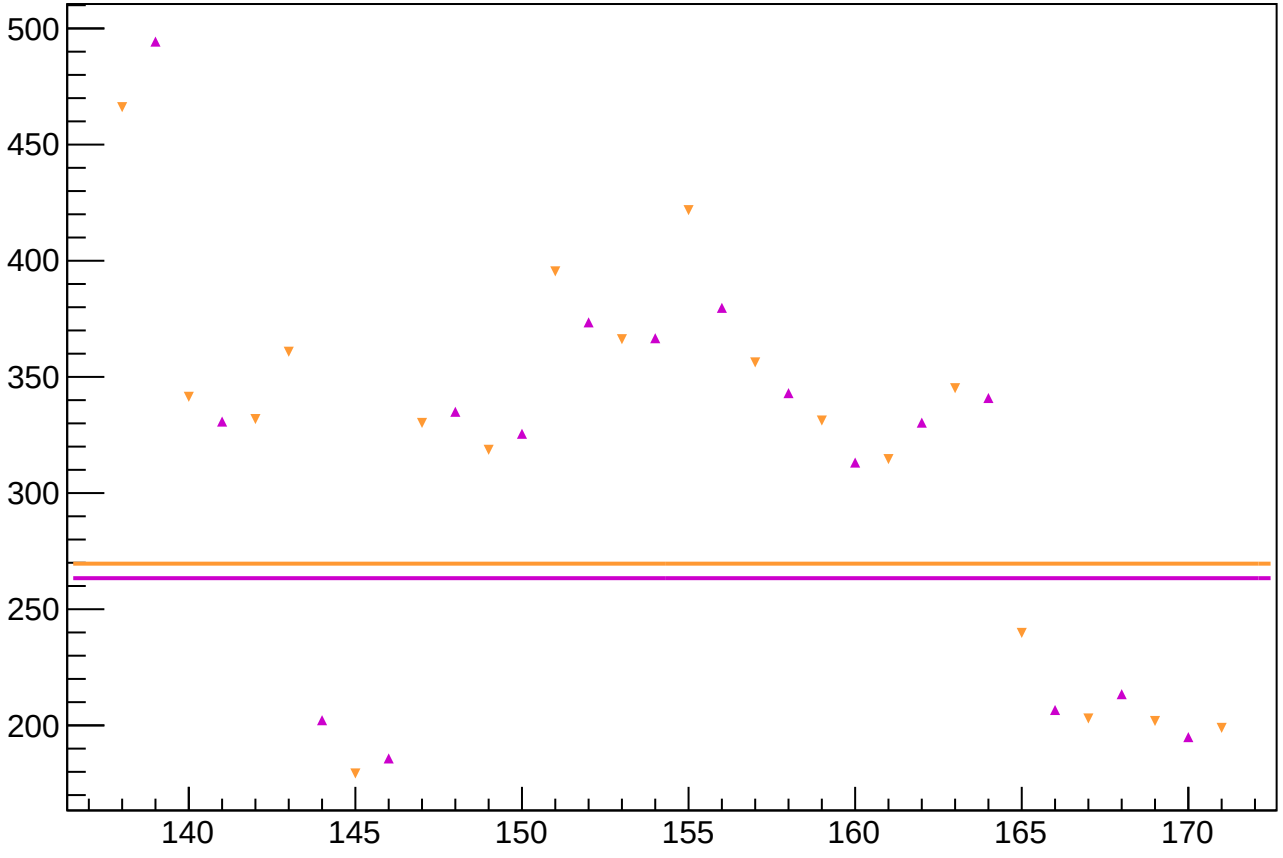
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.155+/-77.896 χ^2/NDF:13.9/15

Out: 311.762+/-76.842 χ^2/NDF:59.5/17

All: 165.973+/-54.704 χ^2/NDF: 80.6/33

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 269.614+/-0.054 χ^2/NDF:2205418.1/17

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

Left In: 263.365+/-0.055 χ^2/NDF:2010664.9/15

Left: 266.532+/-0.039 χ^2/NDF: 4222605.7/33

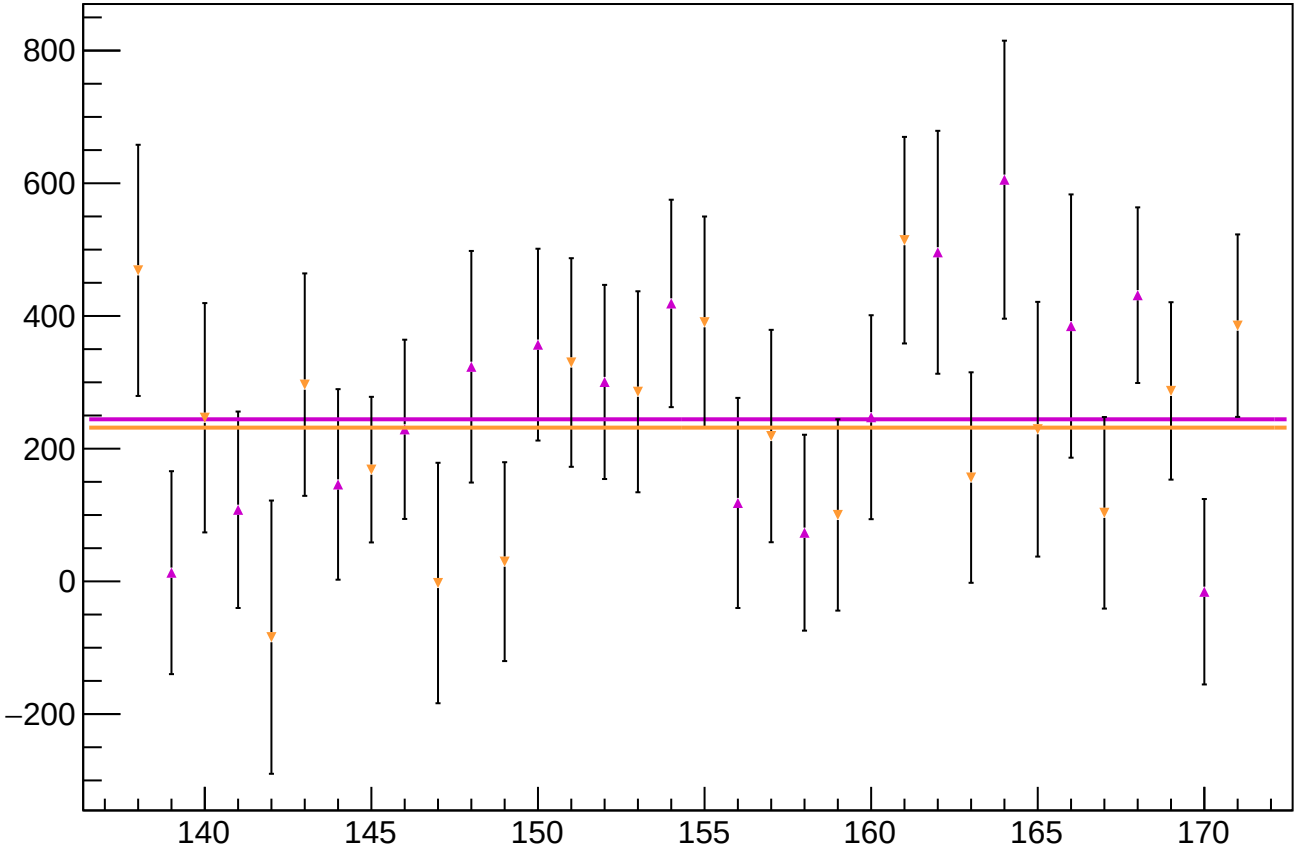
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 263.365+/-0.055 χ^2/NDF:2010664.9/15

Out: 269.614+/-0.054 χ^2/NDF:2205418.1/17

All: 266.532+/-0.039 χ^2/NDF: 4222605.7/33

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 231.722+/-36.415 χ^2/NDF:16.0/17

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

Left In: 244.285+/-38.506 χ^2/NDF:18.6/15

Left: 237.653+/-26.457 χ^2/NDF: 34.6/33

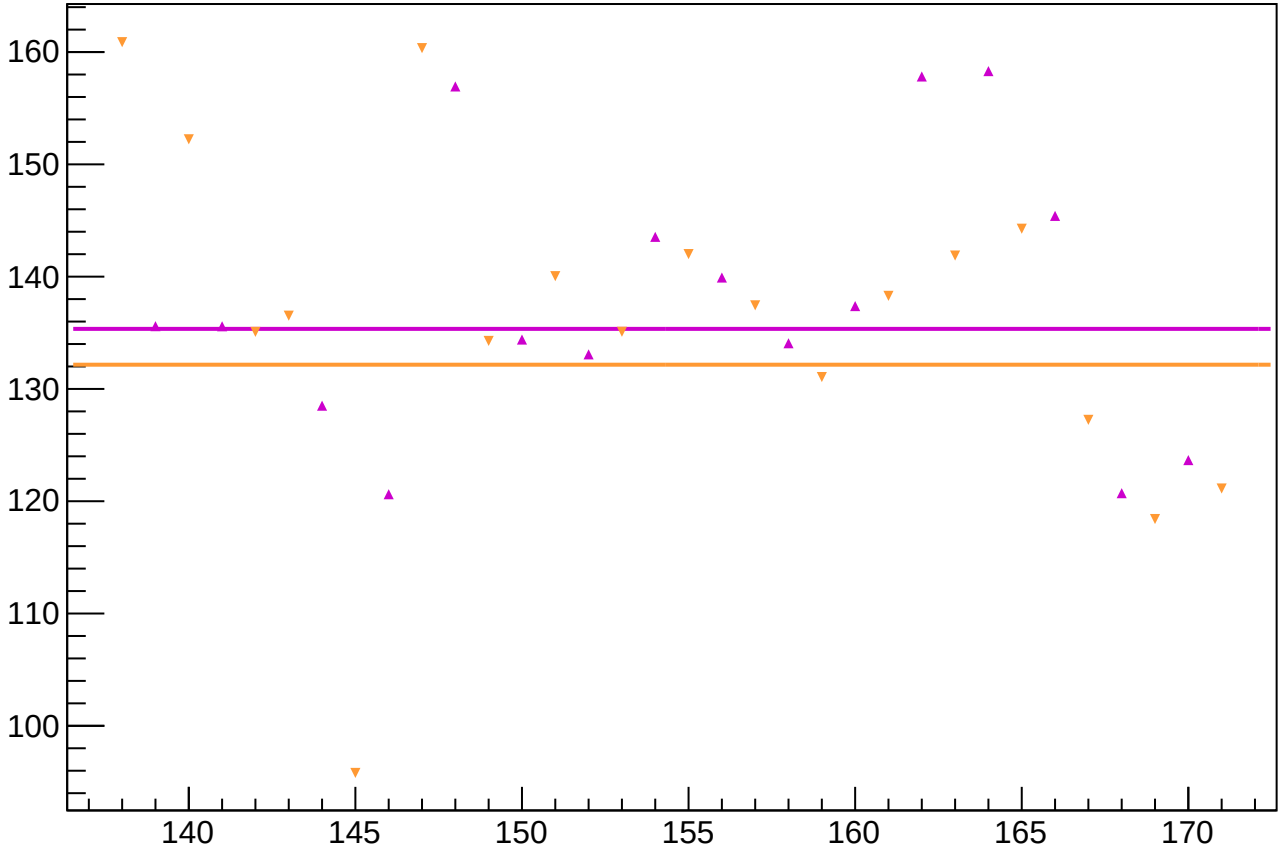
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 244.285+/-38.506 χ^2/NDF:18.6/15

Out: 231.722+/-36.415 χ^2/NDF:16.0/17

All: 237.653+/-26.457 χ^2/NDF: 34.6/33

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 132.158+/-0.026 χ^2/NDF:413761.9/17

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

Left In: 135.349+/-0.027 χ^2/NDF:164886.0/15

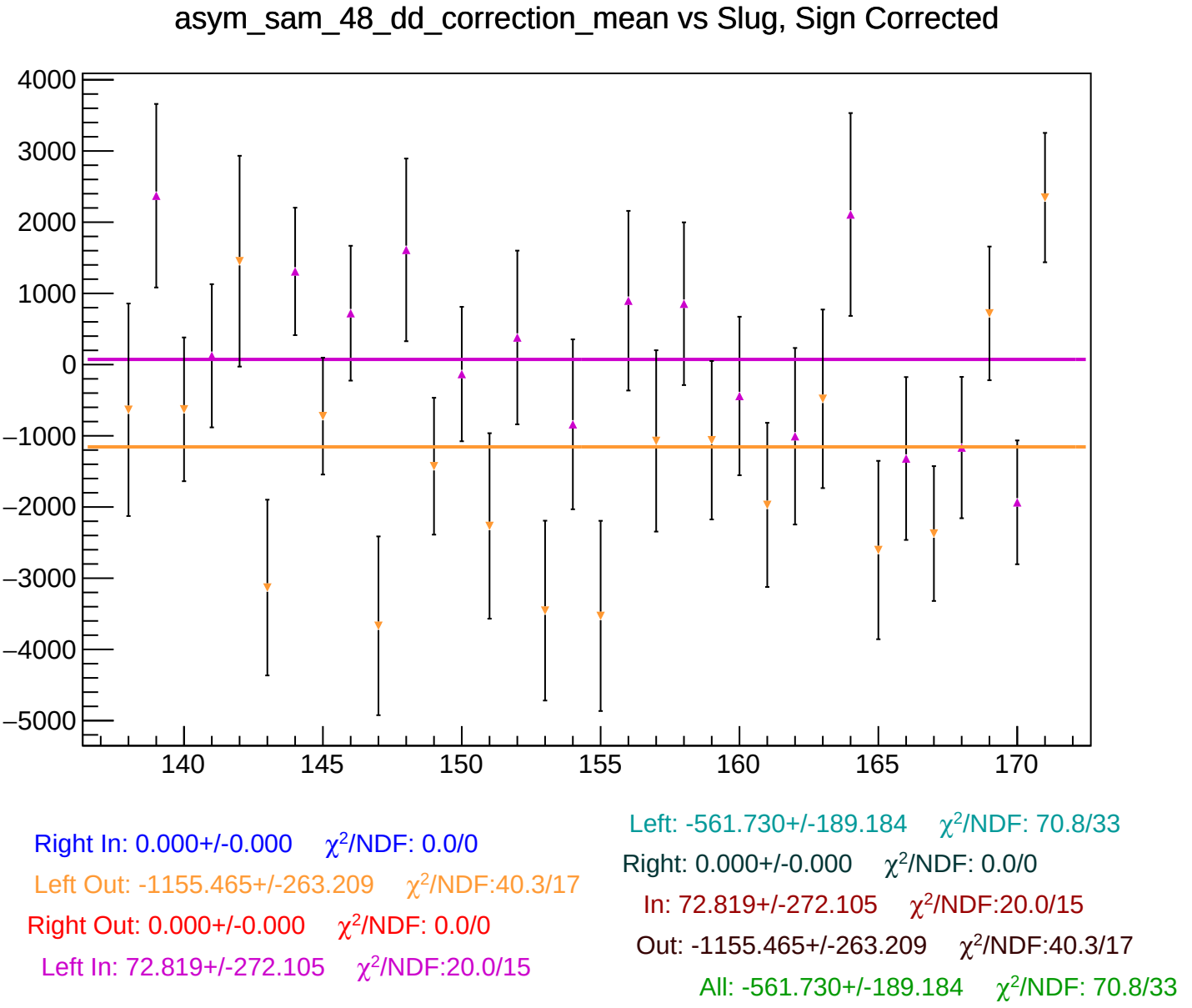
Left: 133.665+/-0.019 χ^2/NDF: 585896.5/33

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

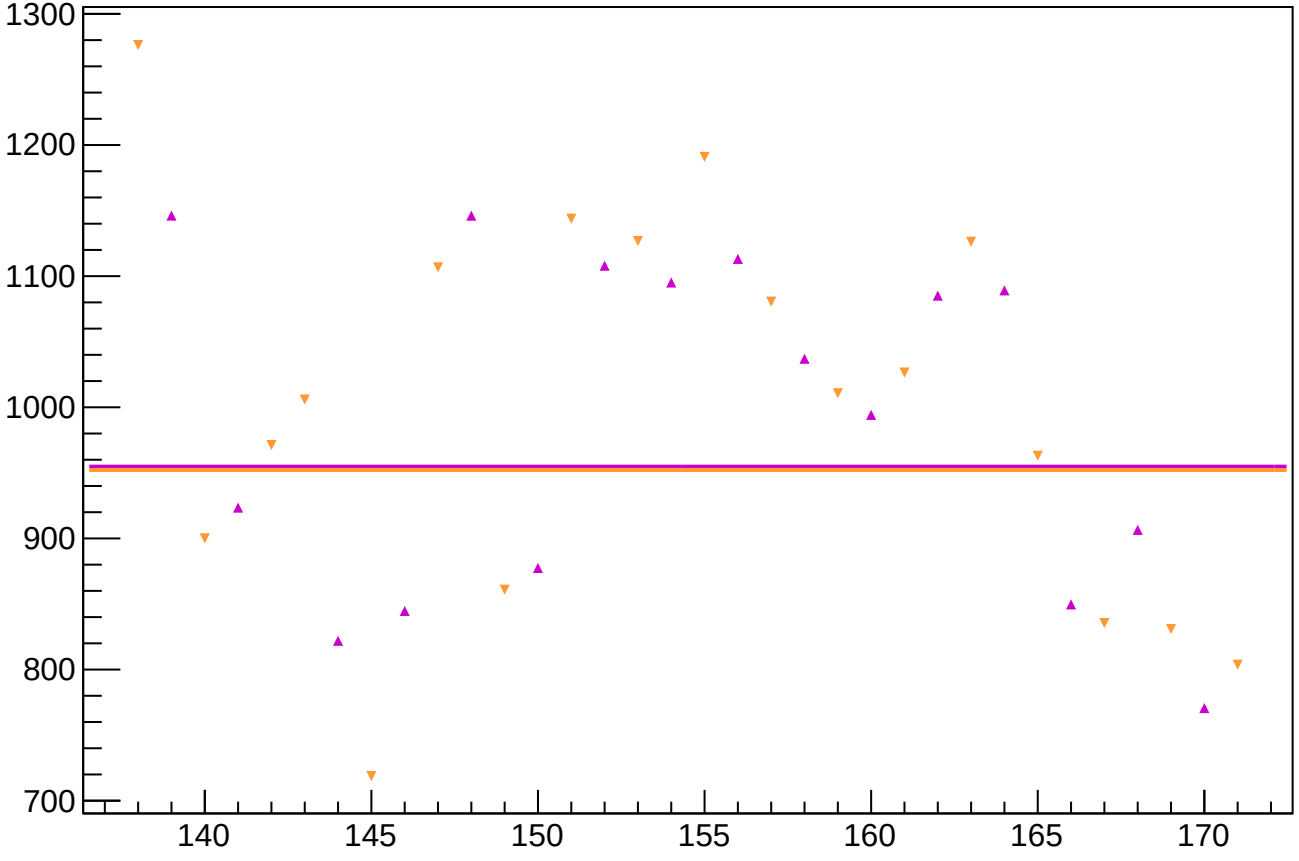
In: 135.349+/-0.027 χ^2/NDF:164886.0/15

Out: 132.158+/-0.026 χ^2/NDF:413761.9/17

All: 133.665+/-0.019 χ^2/NDF: 585896.5/33


asym_sam_48_dd_correction_mean vs Slug, Sign Corrected
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
−5000
140
145
150
155
160
165
170
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -1155.465+/-263.209 χ²/NDF:40.3/17
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 72.819+/-272.105 χ²/NDF:20.0/15
Left: -561.730+/-189.184 χ²/NDF: 70.8/33
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 72.819+/-272.105 χ²/NDF:20.0/15
Out: -1155.465+/-263.209 χ²/NDF:40.3/17
All: -561.730+/-189.184 χ²/NDF: 70.8/33

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 952.139+/-0.186 χ^2/NDF:649363.2/17

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

Left In: 954.735+/-0.192 χ^2/NDF:429916.3/15

Left: 953.394+/-0.134 χ^2/NDF: 1079373.5/33

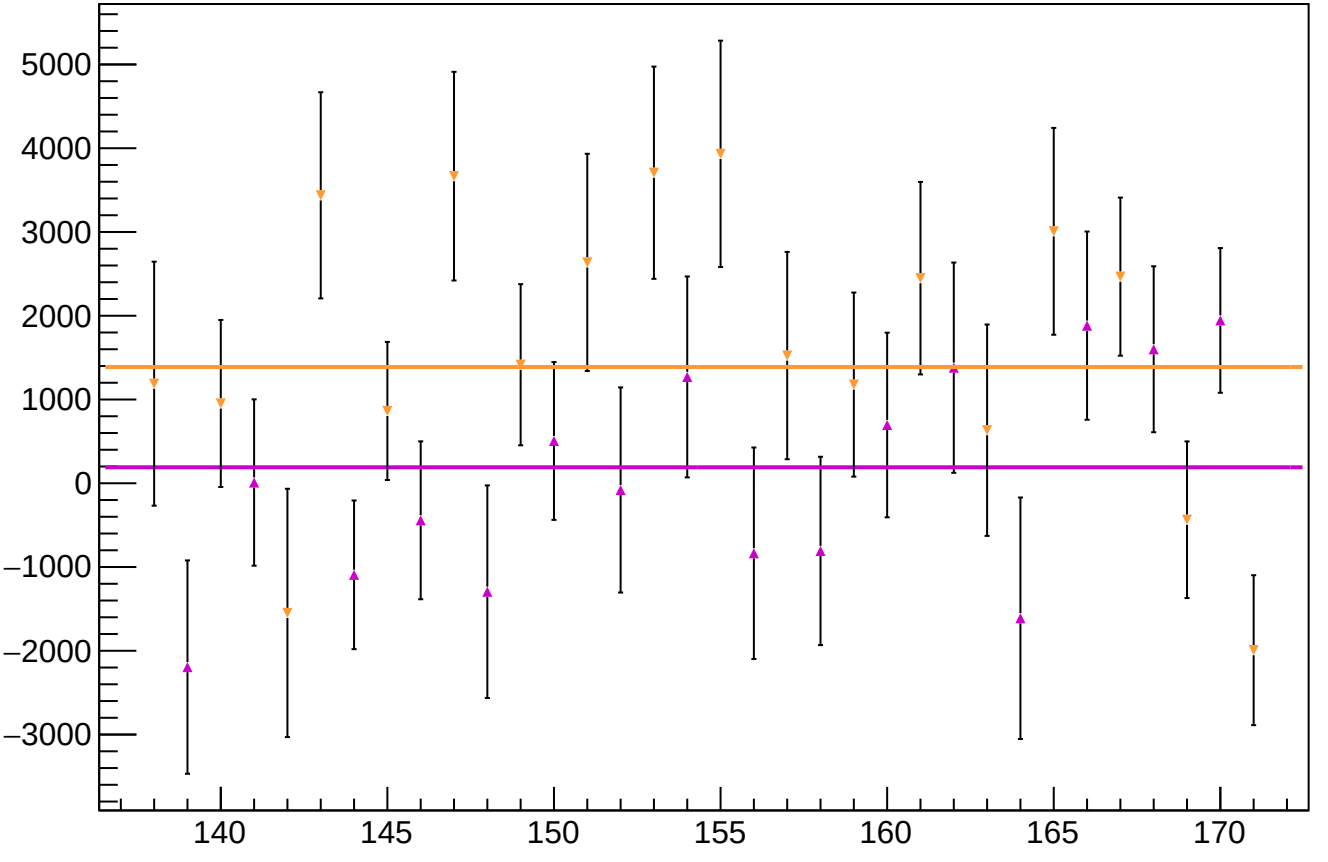
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 954.735+/-0.192 χ^2/NDF:429916.3/15

Out: 952.139+/-0.186 χ^2/NDF:649363.2/17

All: 953.394+/-0.134 χ^2/NDF: 1079373.5/33

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1388.324+/-261.795 χ^2/NDF:40.8/17

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

Left In: 190.679+/-270.730 χ^2/NDF:21.0/15

Left: 809.591+/-188.197 χ^2/NDF: 71.9/33

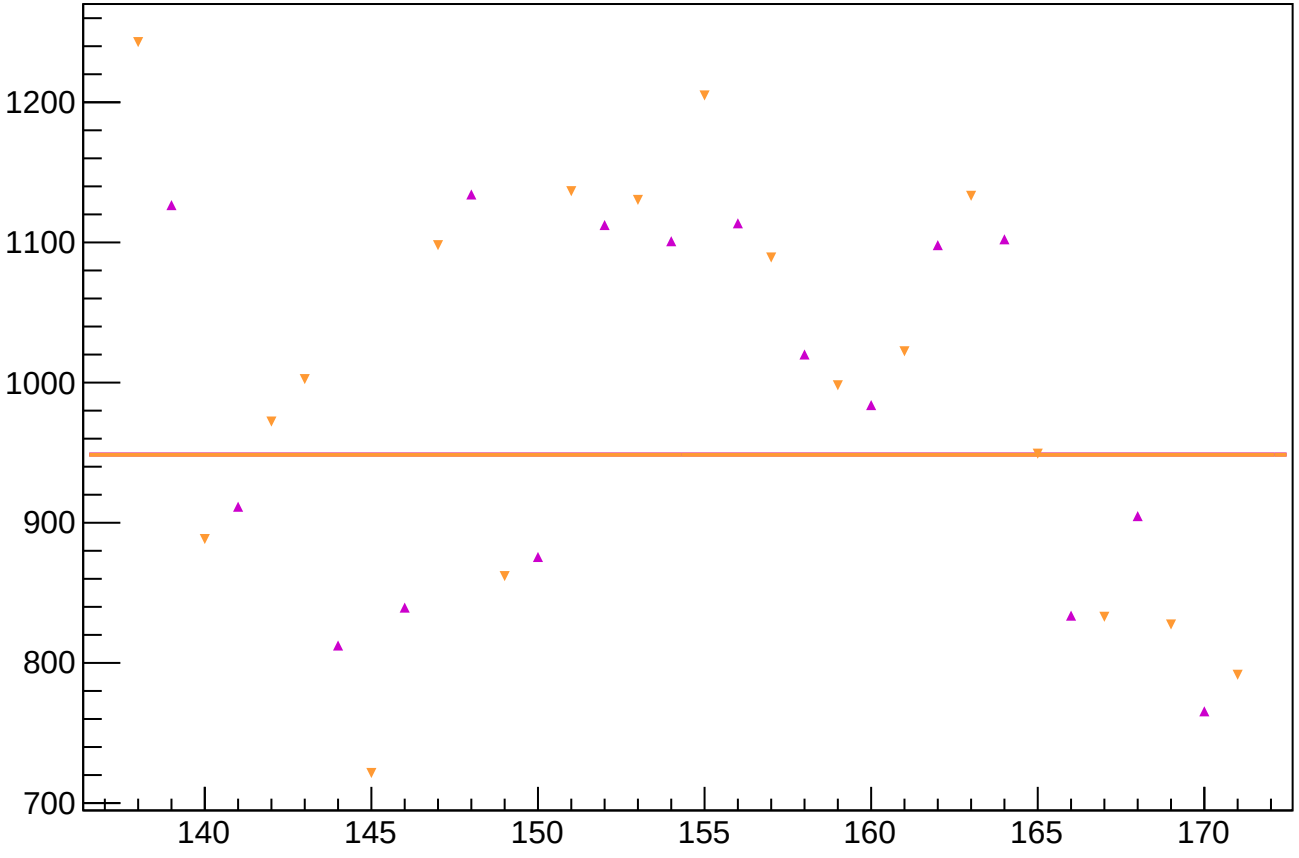
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 190.679+/-270.730 χ^2/NDF:21.0/15

Out: 1388.324+/-261.795 χ^2/NDF:40.8/17

All: 809.591+/-188.197 χ^2/NDF: 71.9/33

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 948.519+/-0.185 χ^2/NDF:651389.2/17

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

Left In: 948.697+/-0.191 χ^2/NDF:448670.0/15

Left: 948.605+/-0.133 χ^2/NDF: 1100059.6/33

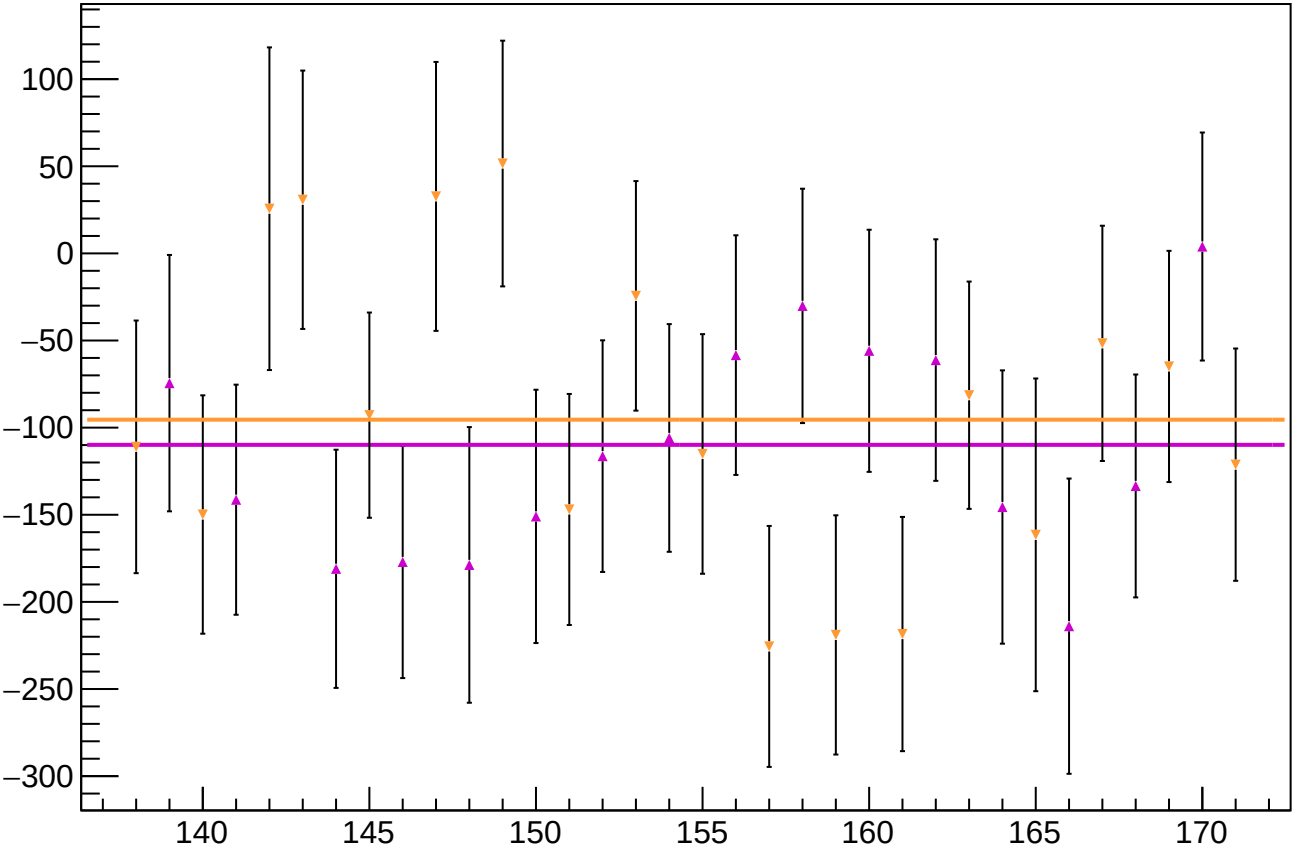
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 948.697+/-0.191 χ^2/NDF:448670.0/15

Out: 948.519+/-0.185 χ^2/NDF:651389.2/17

All: 948.605+/-0.133 χ^2/NDF: 1100059.6/33

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: -95.434+/-16.433 χ^2/NDF:25.7/17

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

Left In: -109.878+/-17.432 χ^2/NDF:11.6/15

Left: -102.230+/-11.957 χ^2/NDF: 37.7/33

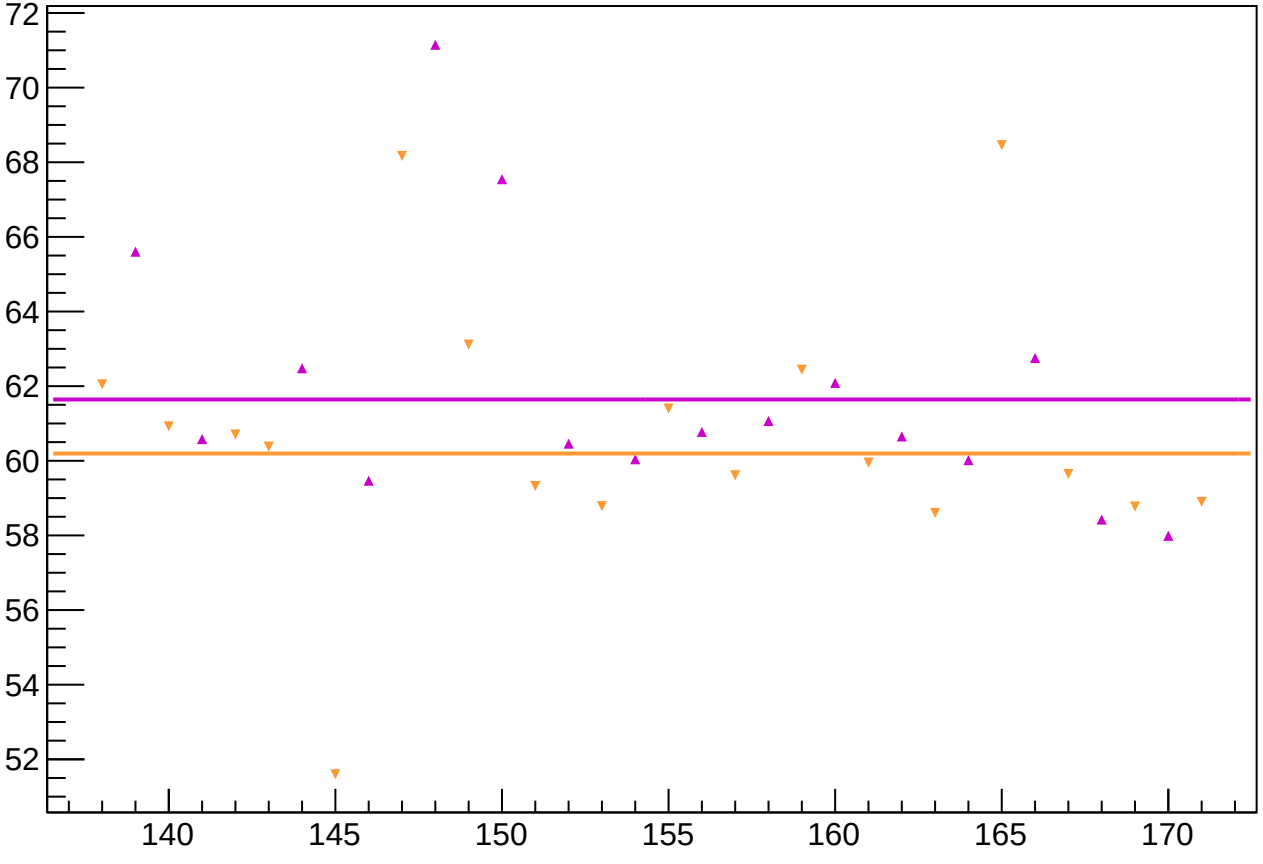
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -109.878+/-17.432 χ^2/NDF:11.6/15

Out: -95.434+/-16.433 χ^2/NDF:25.7/17

All: -102.230+/-11.957 χ^2/NDF: 37.7/33

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: 60.195+/-0.012 χ^2/NDF:93136.3/17

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

Left In: 61.643+/-0.012 χ^2/NDF:66112.6/15

Left: 60.876+/-0.008 χ^2/NDF: 166554.7/33

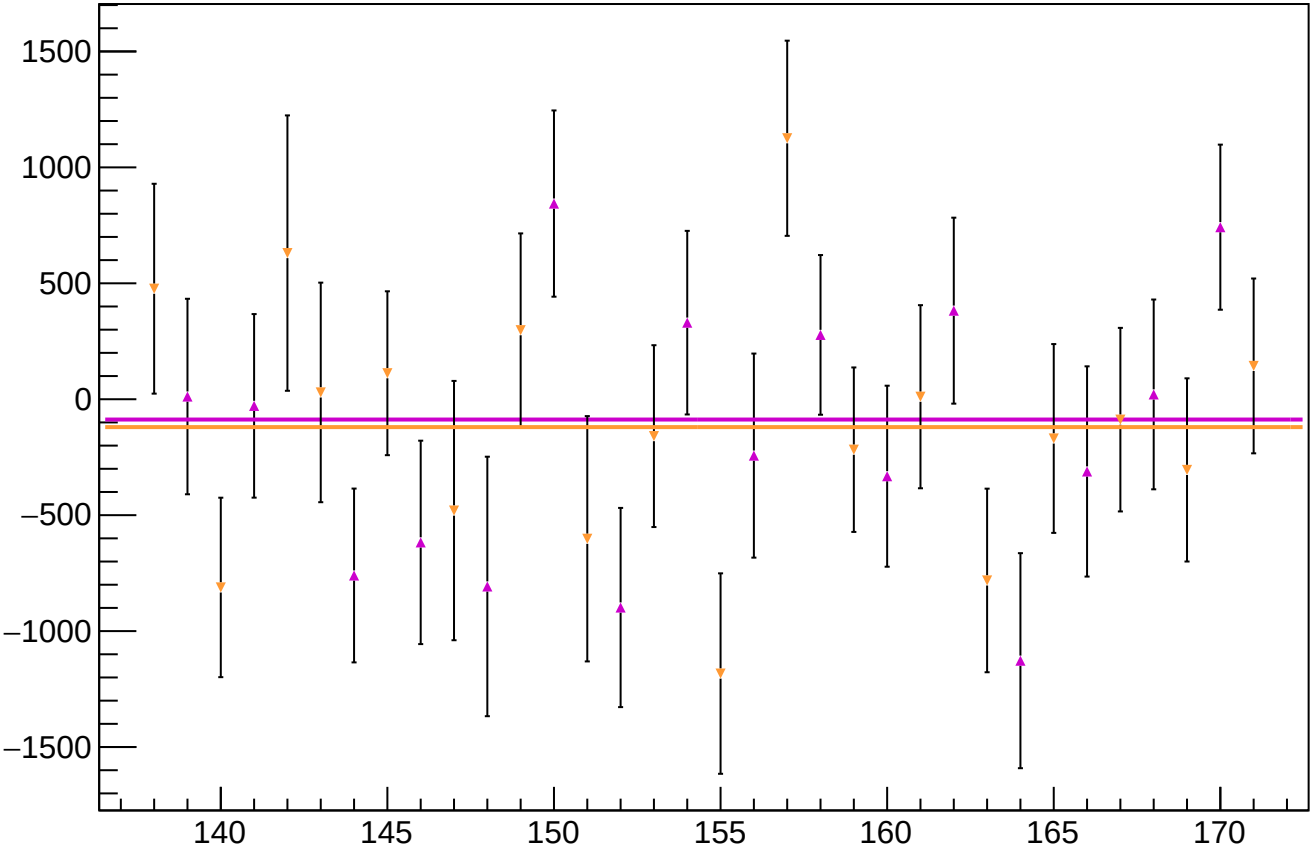
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.643+/-0.012 χ^2/NDF:66112.6/15

Out: 60.195+/-0.012 χ^2/NDF:93136.3/17

All: 60.876+/-0.008 χ^2/NDF: 166554.7/33

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: -120.215+/-98.310 χ^2/NDF:27.8/17

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

Left In: -87.558+/-102.456 χ^2/NDF:30.3/15

Left: -104.560+/-70.936 χ^2/NDF: 58.1/33

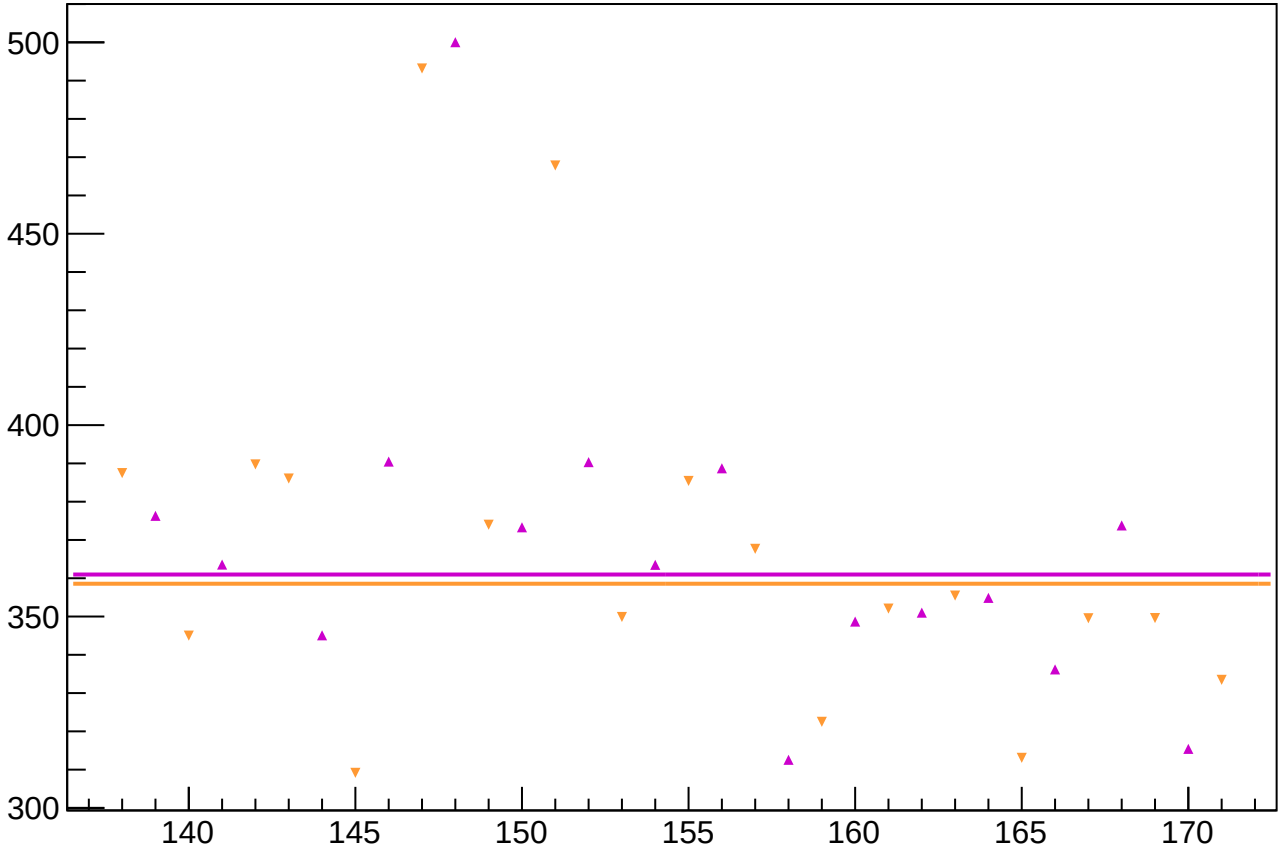
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -87.558+/-102.456 χ^2/NDF:30.3/15

Out: -120.215+/-98.310 χ^2/NDF:27.8/17

All: -104.560+/-70.936 χ^2/NDF: 58.1/33

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: 358.566+/-0.070 χ^2/NDF:332765.0/17

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

Left In: 360.973+/-0.072 χ^2/NDF:241890.3/15

Left: 359.720+/-0.050 χ^2/NDF: 575230.0/33

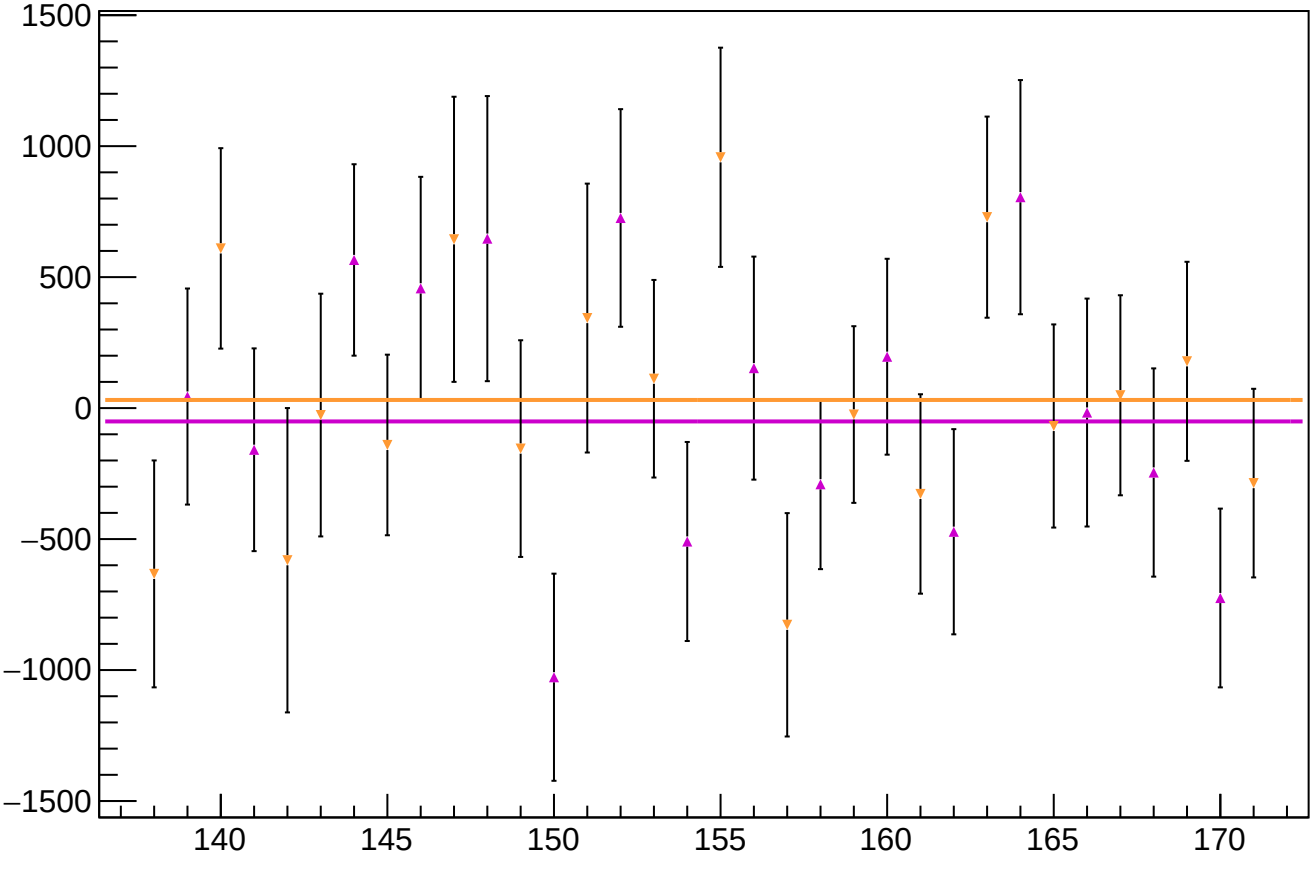
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 360.973+/-0.072 χ^2/NDF:241890.3/15

Out: 358.566+/-0.070 χ^2/NDF:332765.0/17

All: 359.720+/-0.050 χ^2/NDF: 575230.0/33

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: 31.072+/-95.308 χ^2/NDF:22.1/17

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

Left In: -50.913+/-99.026 χ^2/NDF:27.3/15

Left: -8.353+/-68.670 χ^2/NDF: 49.7/33

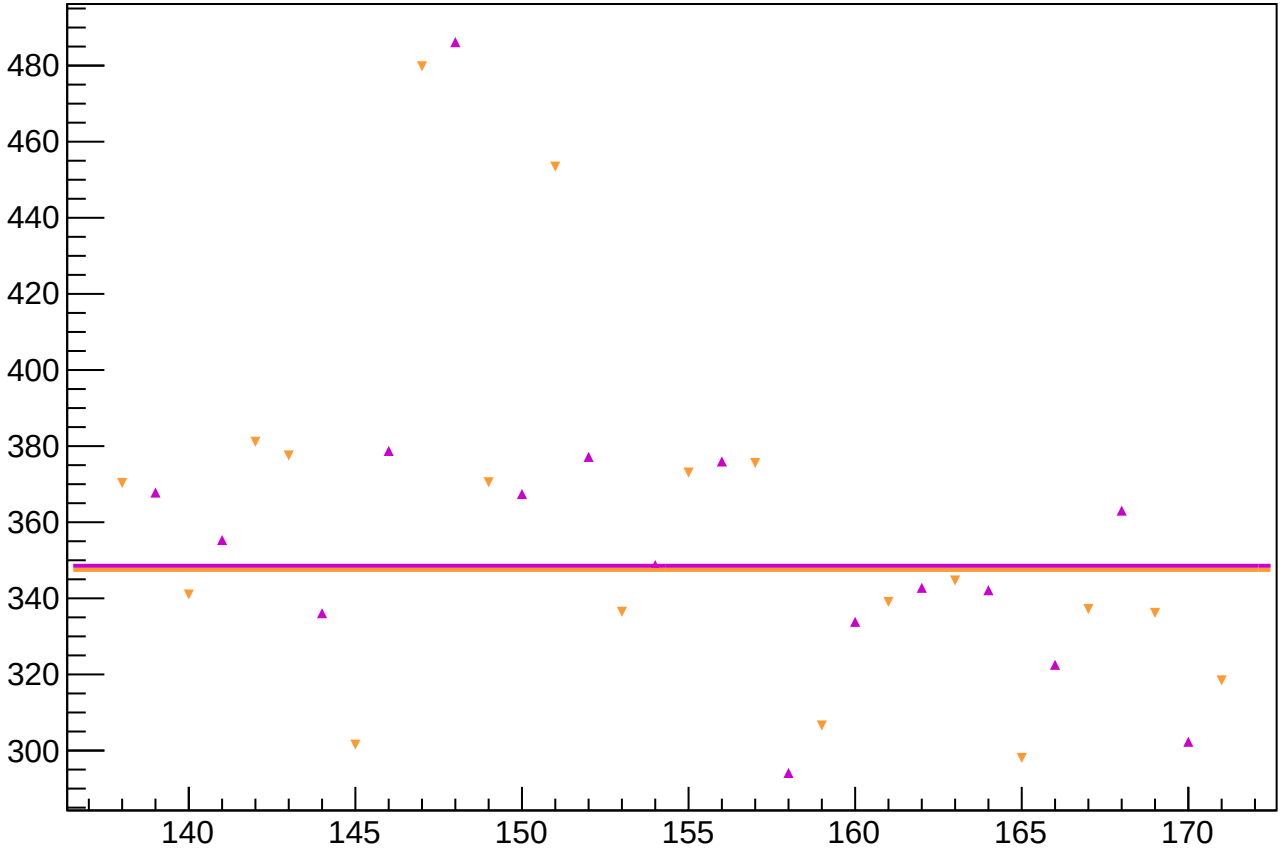
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -50.913+/-99.026 χ^2/NDF:27.3/15

Out: 31.072+/-95.308 χ^2/NDF:22.1/17

All: -8.353+/-68.670 χ^2/NDF: 49.7/33

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 347.468+/-0.067 χ^2/NDF:363563.1/17

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

Left In: 348.547+/-0.070 χ^2/NDF:274501.6/15

Left: 347.987+/-0.049 χ^2/NDF: 638188.0/33

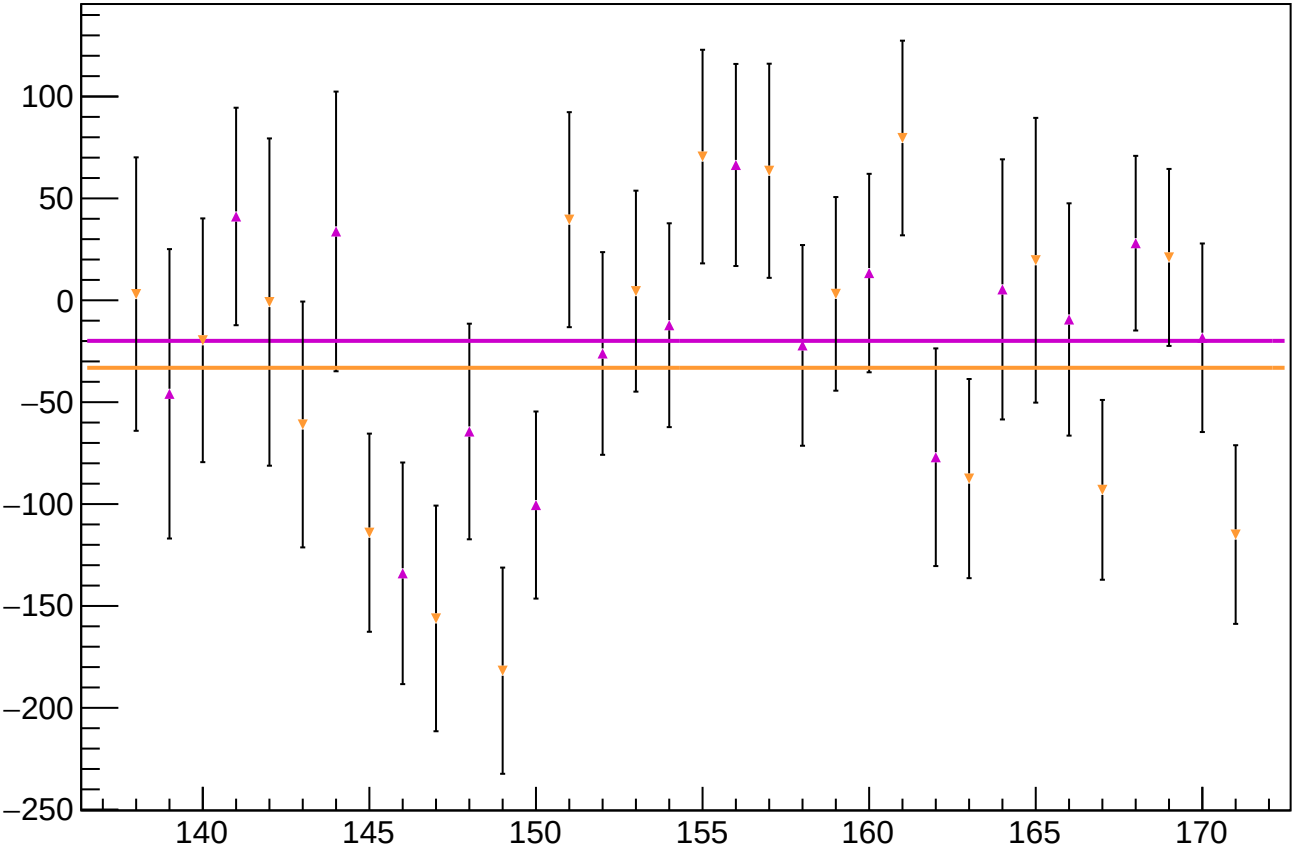
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 348.547+/-0.070 χ^2/NDF:274501.6/15

Out: 347.468+/-0.067 χ^2/NDF:363563.1/17

All: 347.987+/-0.049 χ^2/NDF: 638188.0/33

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: -33.124+/-12.275 χ^2/NDF:41.7/17

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

Left In: -19.908+/-13.028 χ^2/NDF:16.4/15

Left: -26.909+/-8.934 χ^2/NDF: 58.6/33

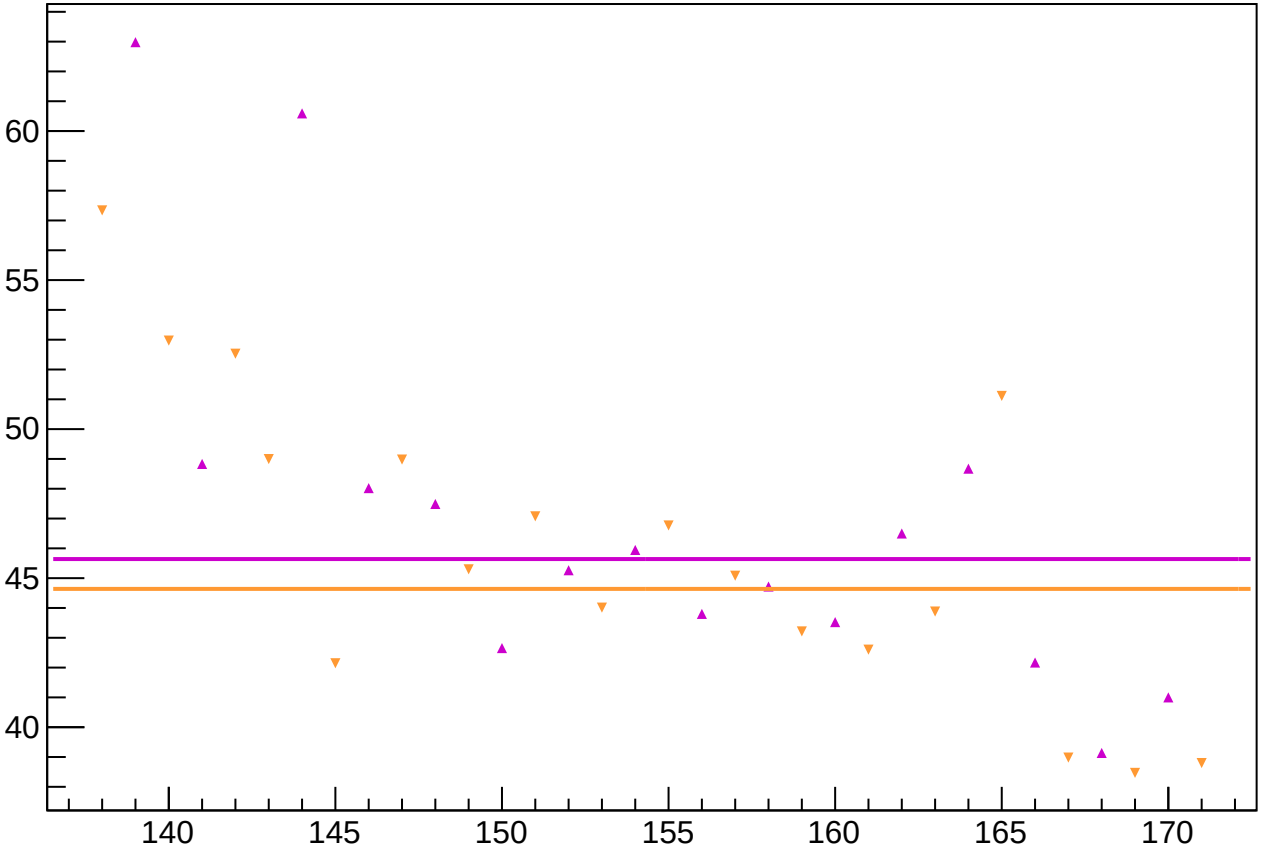
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.908+/-13.028 χ^2/NDF:16.4/15

Out: -33.124+/-12.275 χ^2/NDF:41.7/17

All: -26.909+/-8.934 χ^2/NDF: 58.6/33

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 44.640+/-0.009 χ^2/NDF:298005.4/17

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

Left In: 45.641+/-0.009 χ^2/NDF:322132.2/15

Left: 45.111+/-0.006 χ^2/NDF: 626391.5/33

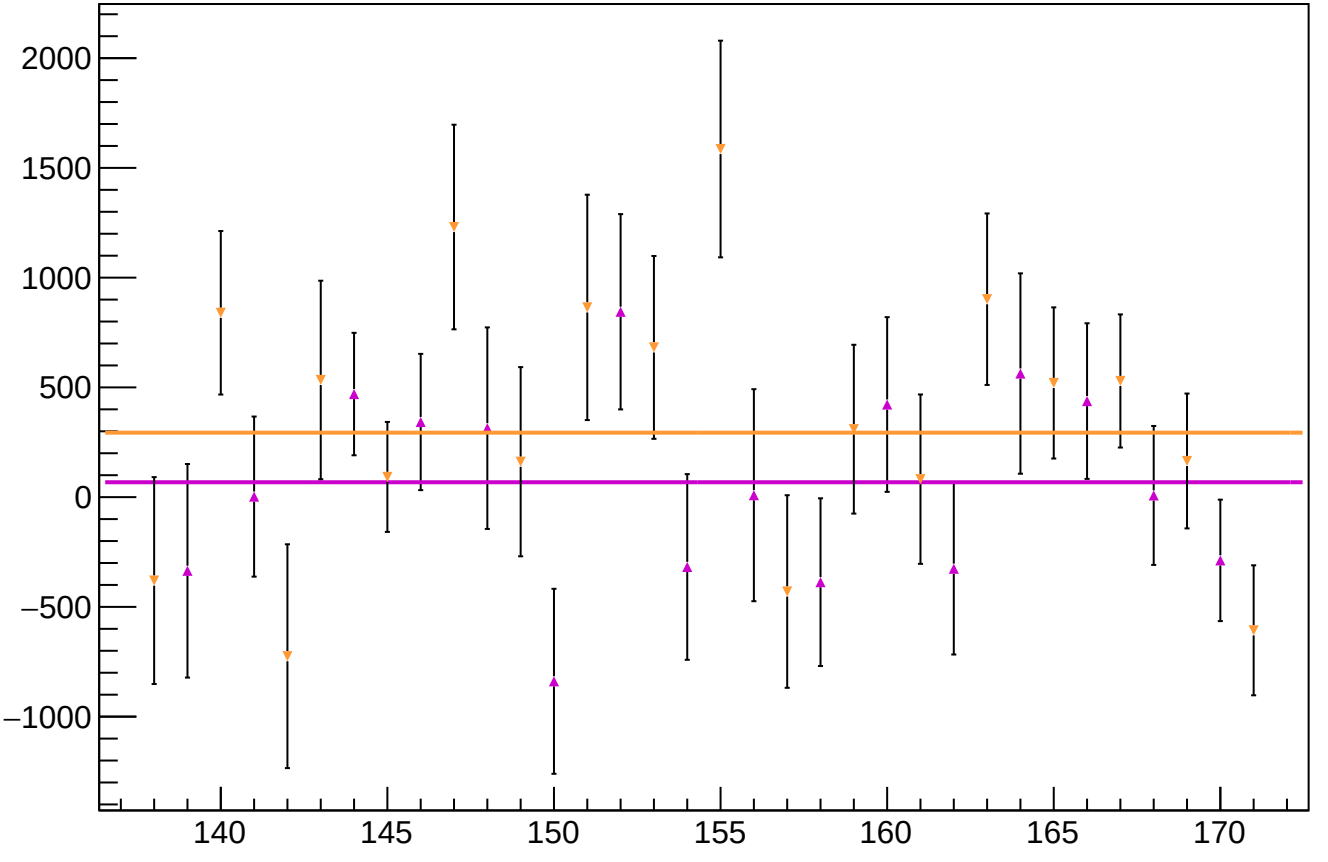
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 45.641+/-0.009 χ^2/NDF:322132.2/15

Out: 44.640+/-0.009 χ^2/NDF:298005.4/17

All: 45.111+/-0.006 χ^2/NDF: 626391.5/33

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: 293.739+/-88.884 χ^2/NDF:38.1/17

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

Left In: 67.859+/-92.930 χ^2/NDF:19.6/15

Left: 185.823+/-64.233 χ^2/NDF: 60.8/33

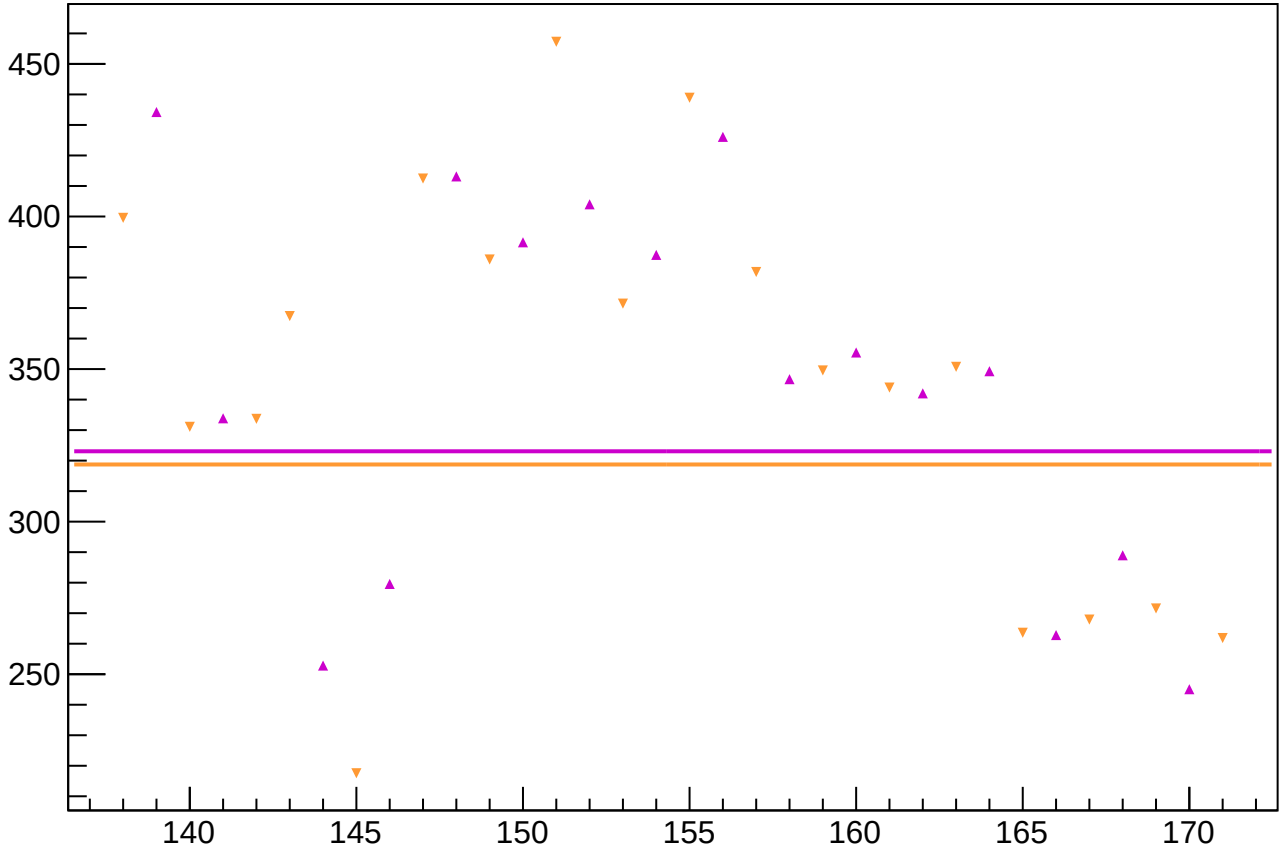
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.859+/-92.930 χ^2/NDF:19.6/15

Out: 293.739+/-88.884 χ^2/NDF:38.1/17

All: 185.823+/-64.233 χ^2/NDF: 60.8/33

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: 318.733+/-0.063 χ^2/NDF:1142573.7/17

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

Left In: 323.057+/-0.066 χ^2/NDF:877543.5/15

Left: 320.799+/-0.045 χ^2/NDF: 2022378.6/33

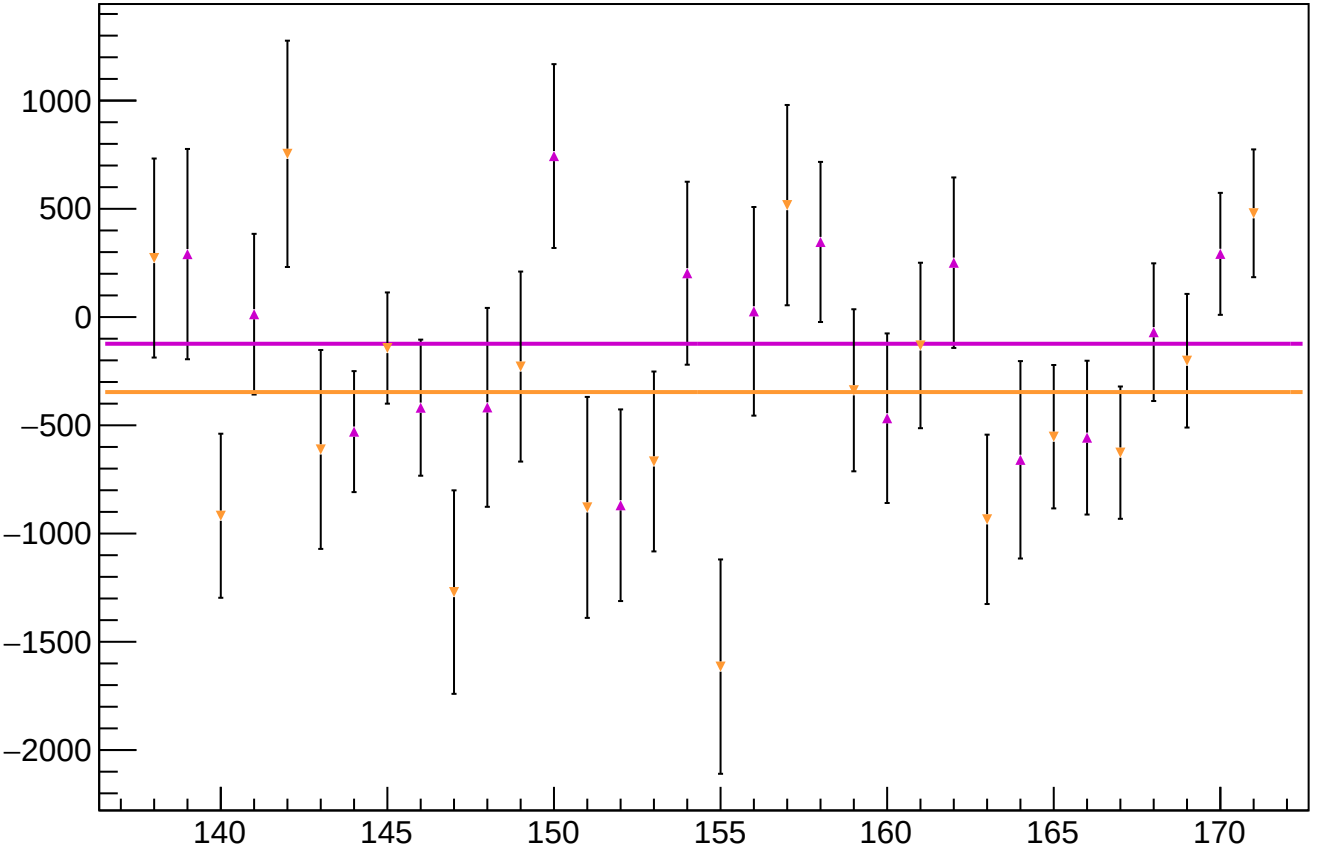
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 323.057+/-0.066 χ^2/NDF:877543.5/15

Out: 318.733+/-0.063 χ^2/NDF:1142573.7/17

All: 320.799+/-0.045 χ^2/NDF: 2022378.6/33

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -346.436+/-89.203 χ^2/NDF:37.0/17

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

Left In: -123.315+/-93.160 χ^2/NDF:20.3/15

Left: -239.715+/-64.430 χ^2/NDF: 60.3/33

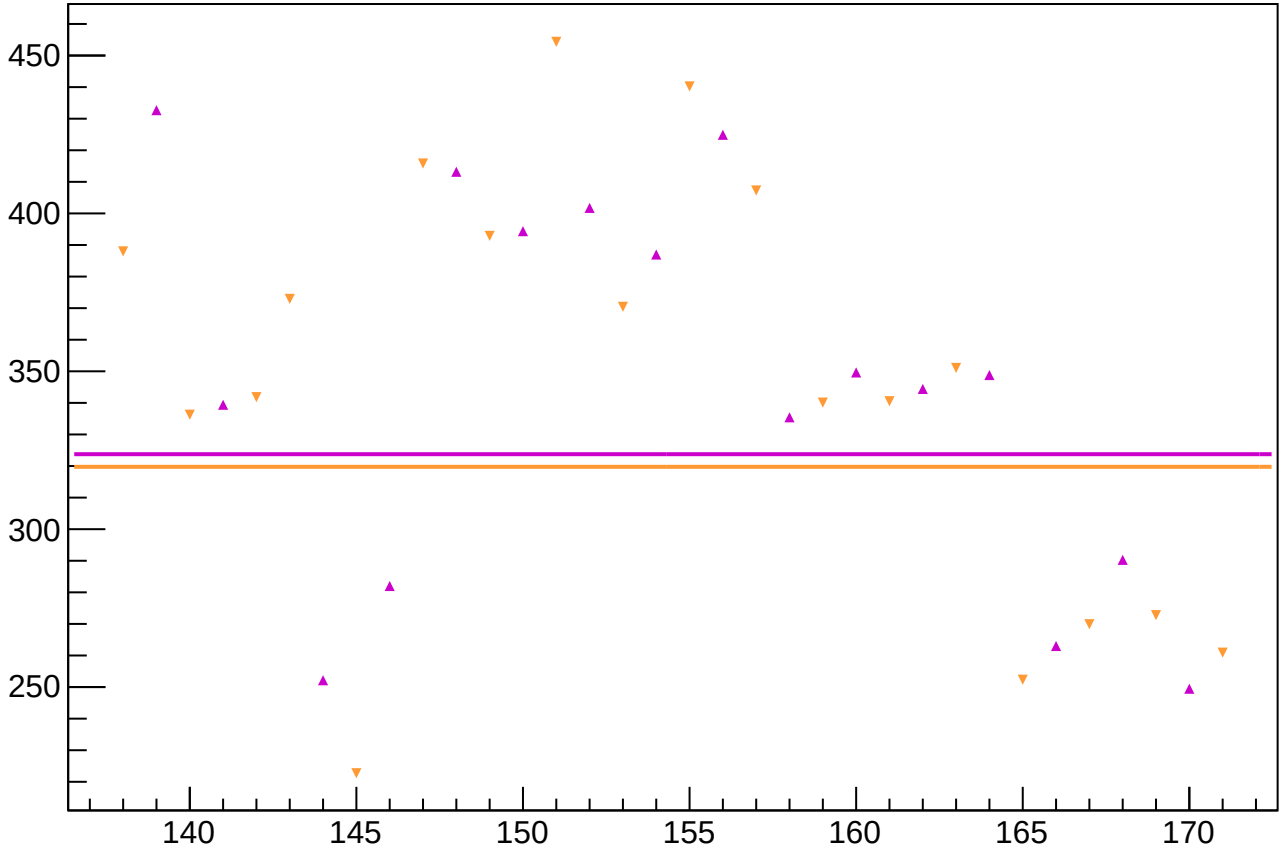
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -123.315+/-93.160 χ^2/NDF:20.3/15

Out: -346.436+/-89.203 χ^2/NDF:37.0/17

All: -239.715+/-64.430 χ^2/NDF: 60.3/33

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 319.753+/-0.063 χ^2/NDF:1148128.1/17

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

Left In: 323.750+/-0.066 χ^2/NDF:838808.3/15

Left: 321.665+/-0.046 χ^2/NDF: 1988857.2/33

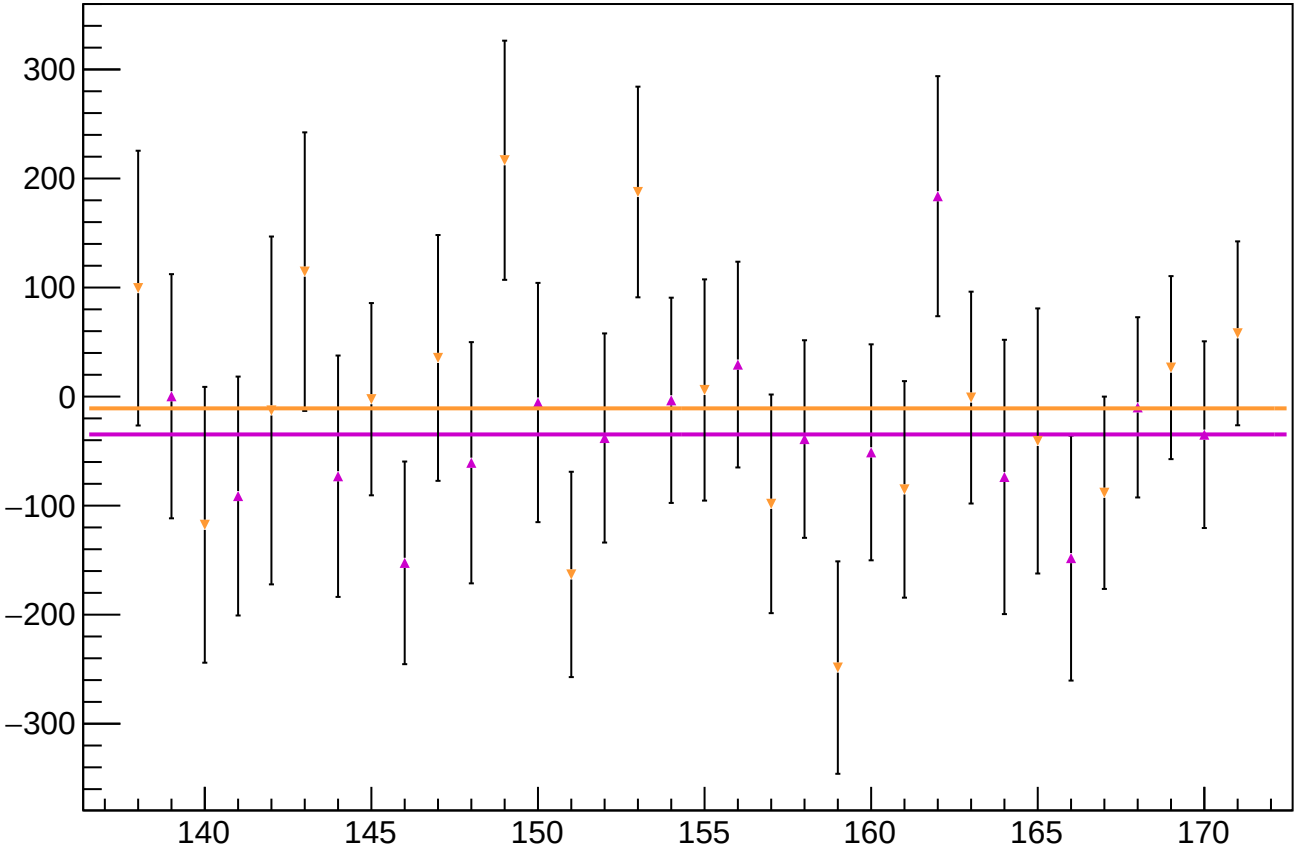
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 323.750+/-0.066 χ^2/NDF:838808.3/15

Out: 319.753+/-0.063 χ^2/NDF:1148128.1/17

All: 321.665+/-0.046 χ^2/NDF: 1988857.2/33

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: -10.801+/-24.078 χ^2/NDF:22.8/17

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

Left In: -34.705+/-25.071 χ^2/NDF:8.0/15

Left: -22.270+/-17.366 χ^2/NDF: 31.2/33

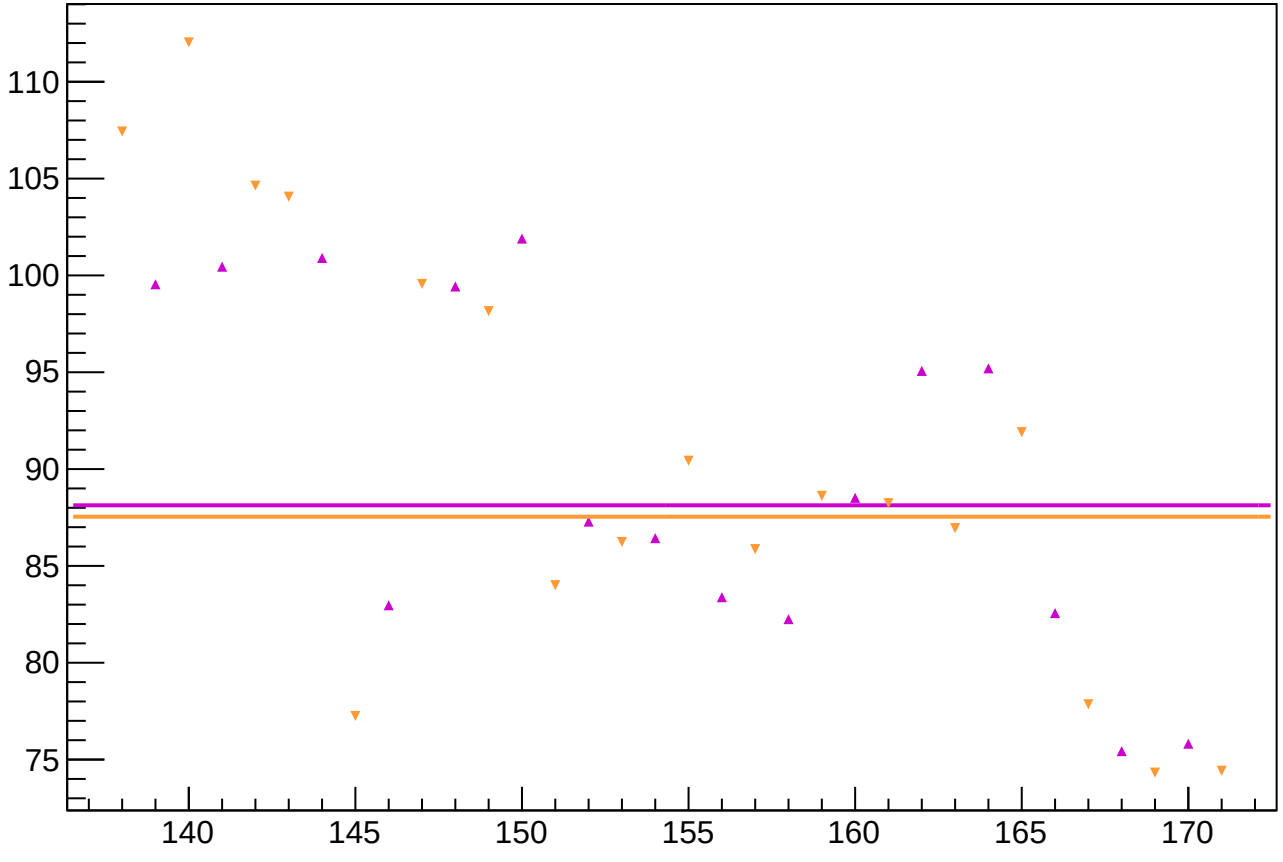
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.705+/-25.071 χ^2/NDF:8.0/15

Out: -10.801+/-24.078 χ^2/NDF:22.8/17

All: -22.270+/-17.366 χ^2/NDF: 31.2/33

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 87.540+/-0.017 χ^2/NDF:380523.2/17

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

Left In: 88.129+/-0.018 χ^2/NDF:253298.1/15

Left: 87.823+/-0.012 χ^2/NDF: 634395.9/33

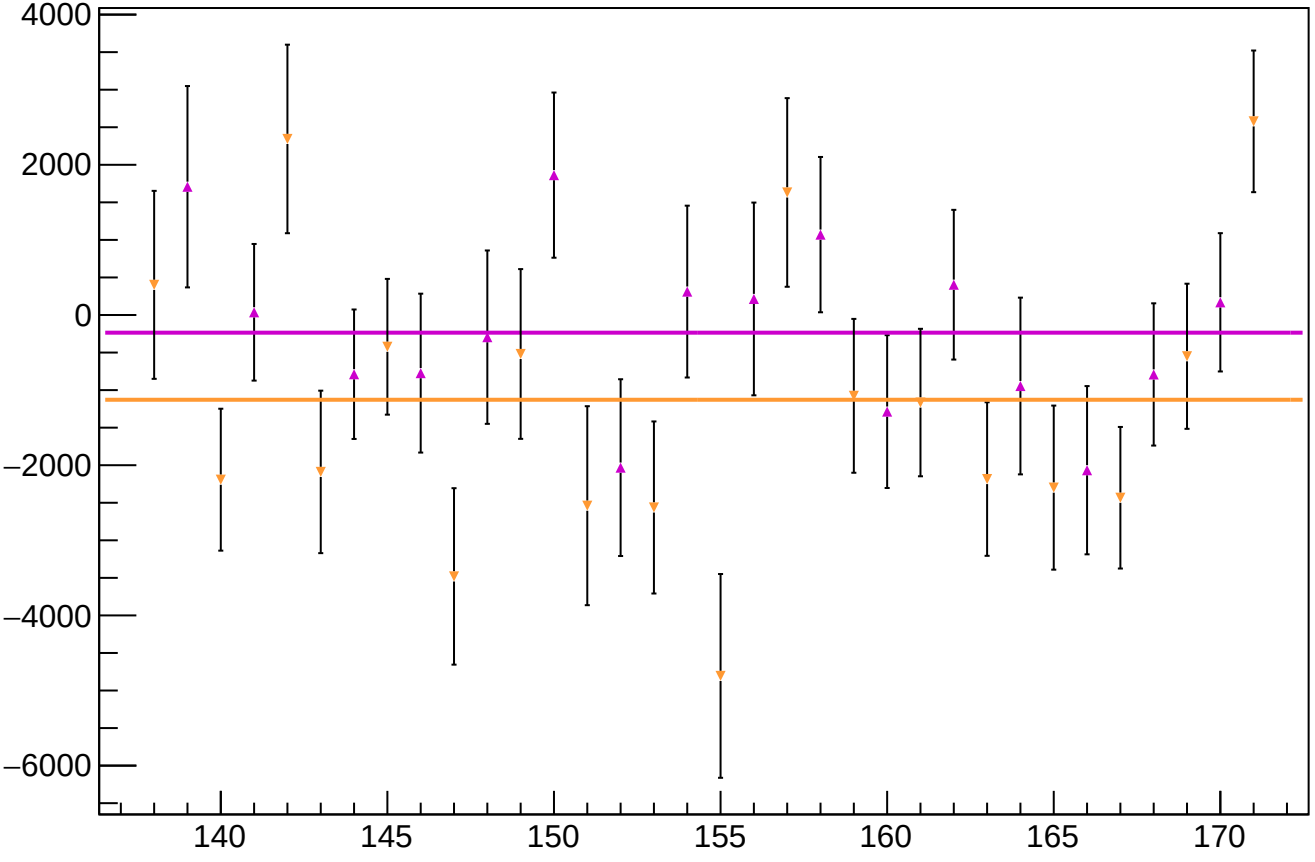
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 88.129+/-0.018 χ^2/NDF:253298.1/15

Out: 87.540+/-0.017 χ^2/NDF:380523.2/17

All: 87.823+/-0.012 χ^2/NDF: 634395.9/33

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: -1128.465+/-253.225 χ^2/NDF:50.9/17

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

Left In: -235.298+/-263.553 χ^2/NDF:15.8/15

Left: -699.724+/-182.599 χ^2/NDF: 72.7/33

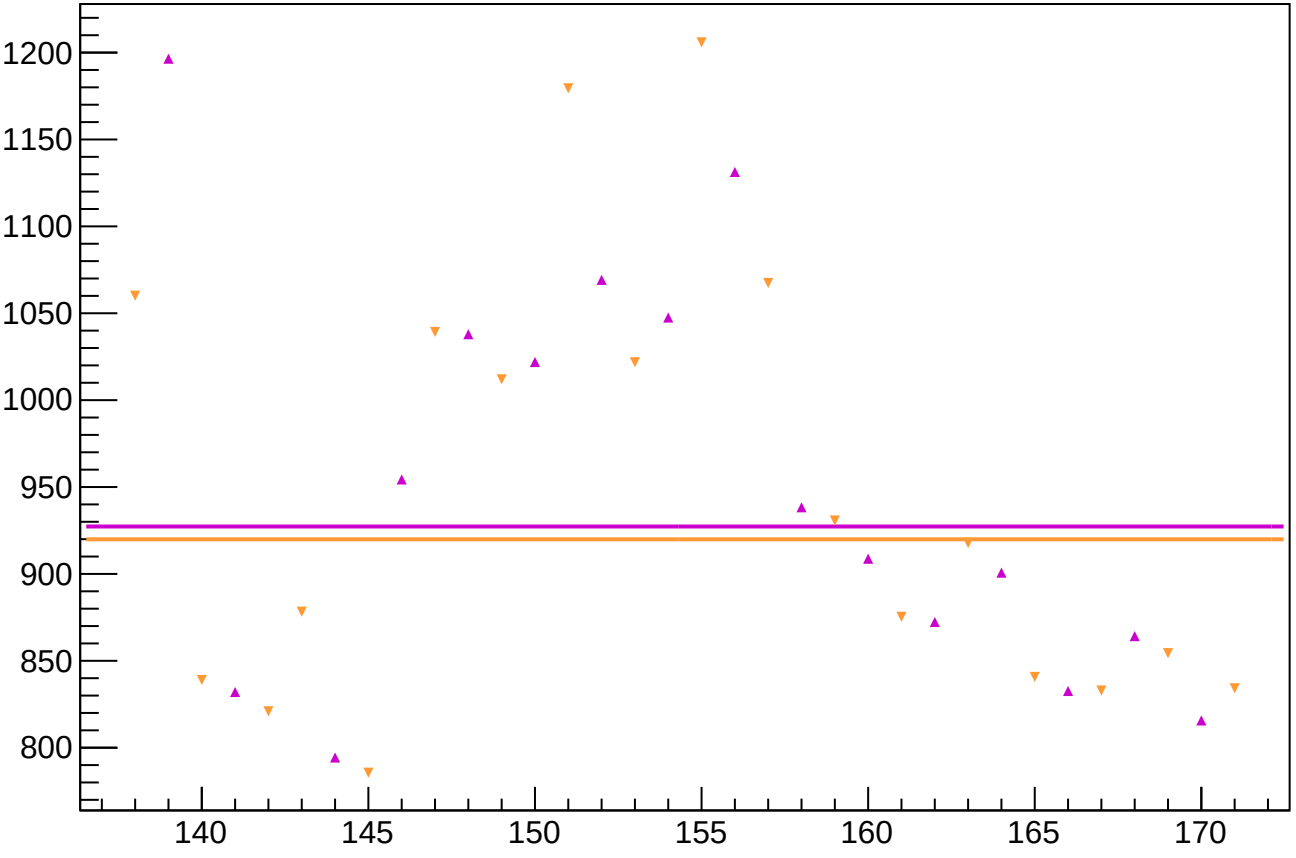
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -235.298+/-263.553 χ^2/NDF:15.8/15

Out: -1128.465+/-253.225 χ^2/NDF:50.9/17

All: -699.724+/-182.599 χ^2/NDF: 72.7/33

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: 919.929+/-0.179 χ^2/NDF:399895.3/17

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

Left In: 927.297+/-0.186 χ^2/NDF:346899.2/15

Left: 923.466+/-0.129 χ^2/NDF: 747607.3/33

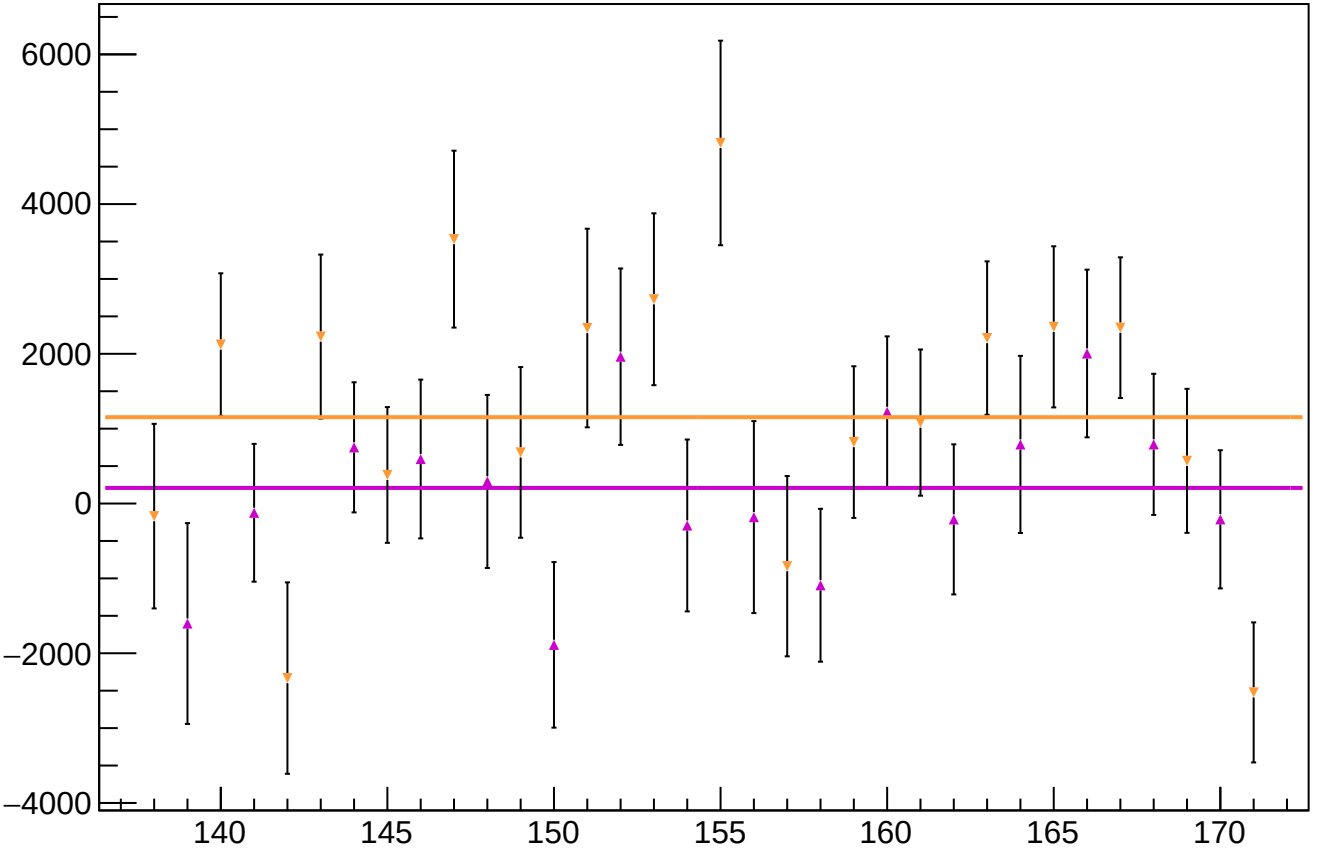
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 927.297+/-0.186 χ^2/NDF:346899.2/15

Out: 919.929+/-0.179 χ^2/NDF:399895.3/17

All: 923.466+/-0.129 χ^2/NDF: 747607.3/33

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1153.442+/-252.732 χ^2/NDF:48.0/17

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

Left In: 208.531+/-263.975 χ^2/NDF:14.8/15

Left: 701.537+/-182.554 χ^2/NDF: 69.5/33

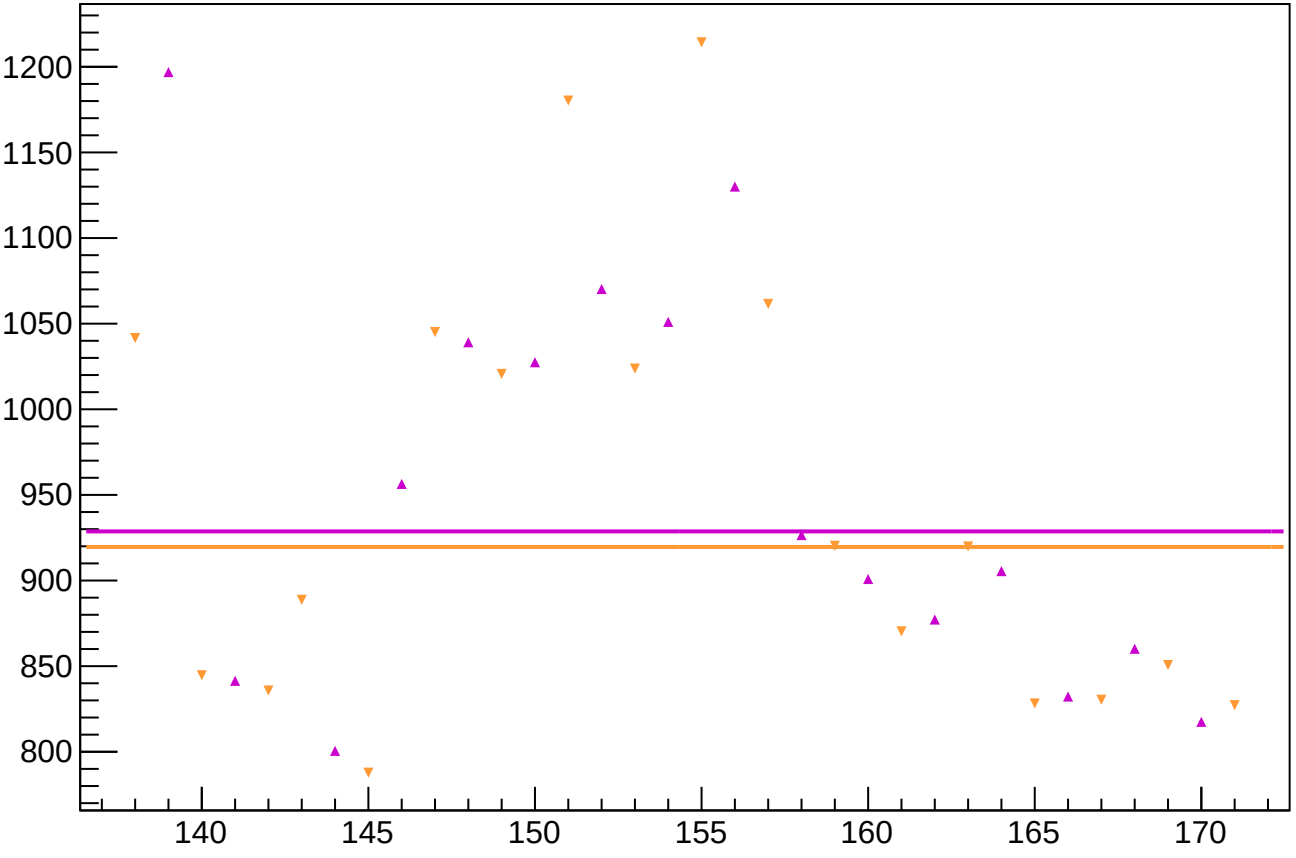
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 208.531+/-263.975 χ^2/NDF:14.8/15

Out: 1153.442+/-252.732 χ^2/NDF:48.0/17

All: 701.537+/-182.554 χ^2/NDF: 69.5/33

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 919.605+/-0.179 χ^2/NDF:404592.1/17

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

Left In: 928.693+/-0.187 χ^2/NDF:339958.2/15

Left: 923.952+/-0.129 χ^2/NDF: 745787.3/33

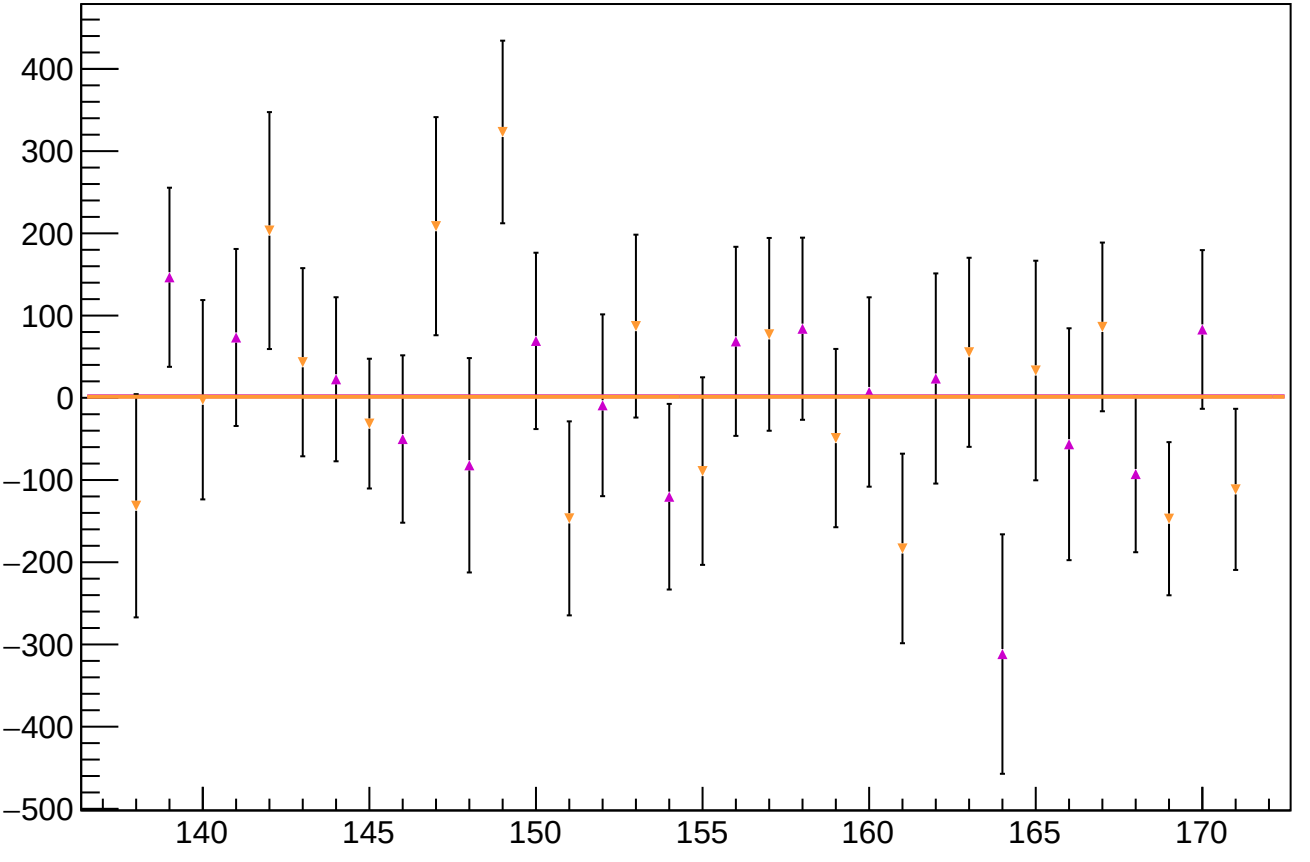
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 928.693+/-0.187 χ^2/NDF:339958.2/15

Out: 919.605+/-0.179 χ^2/NDF:404592.1/17

All: 923.952+/-0.129 χ^2/NDF: 745787.3/33

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: 1.270+/-26.224 χ^2/NDF:24.9/17

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

Left In: 1.766+/-27.921 χ^2/NDF:11.9/15

Left: 1.503+/-19.115 χ^2/NDF: 36.8/33

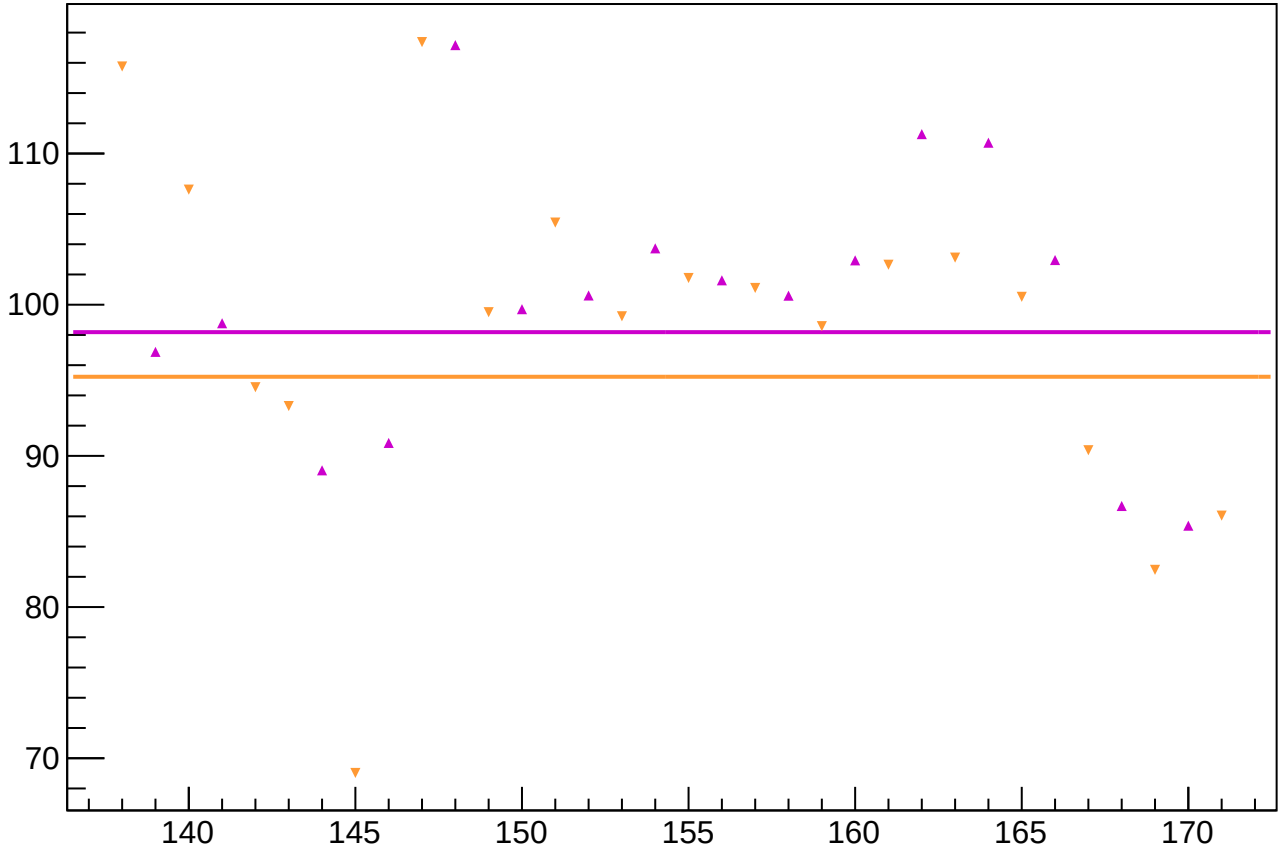
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.766+/-27.921 χ^2/NDF:11.9/15

Out: 1.270+/-26.224 χ^2/NDF:24.9/17

All: 1.503+/-19.115 χ^2/NDF: 36.8/33

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 95.234+/-0.019 χ^2/NDF:457951.3/17

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

Left In: 98.185+/-0.020 χ^2/NDF:184765.8/15

Left: 96.617+/-0.014 χ^2/NDF: 654590.0/33

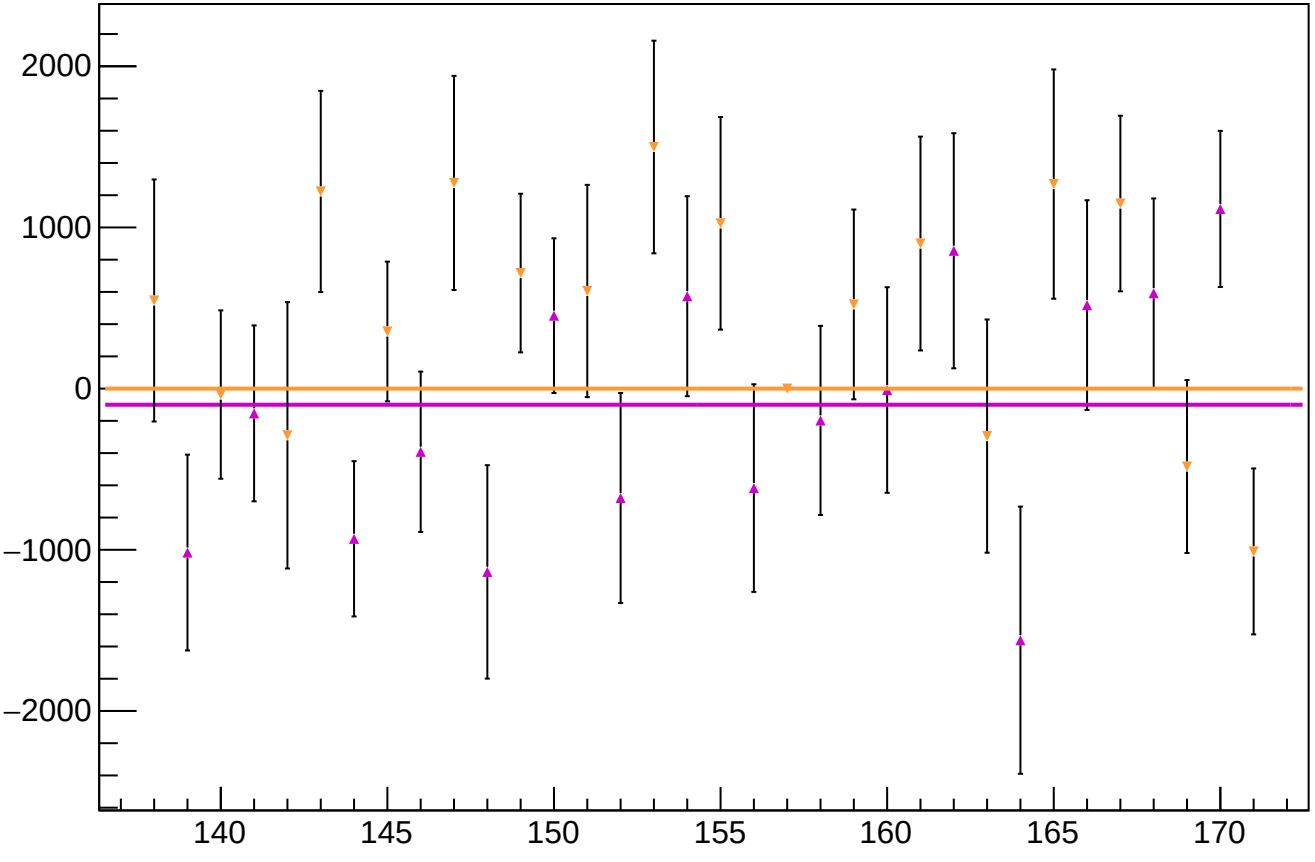
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 98.185+/-0.020 χ^2/NDF:184765.8/15

Out: 95.234+/-0.019 χ^2/NDF:457951.3/17

All: 96.617+/-0.014 χ^2/NDF: 654590.0/33

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:34.5/17

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

Left In: -100.074+/-146.455 χ^2/NDF:25.5/15

Left: -0.000+/-0.000 χ^2/NDF: 60.4/33

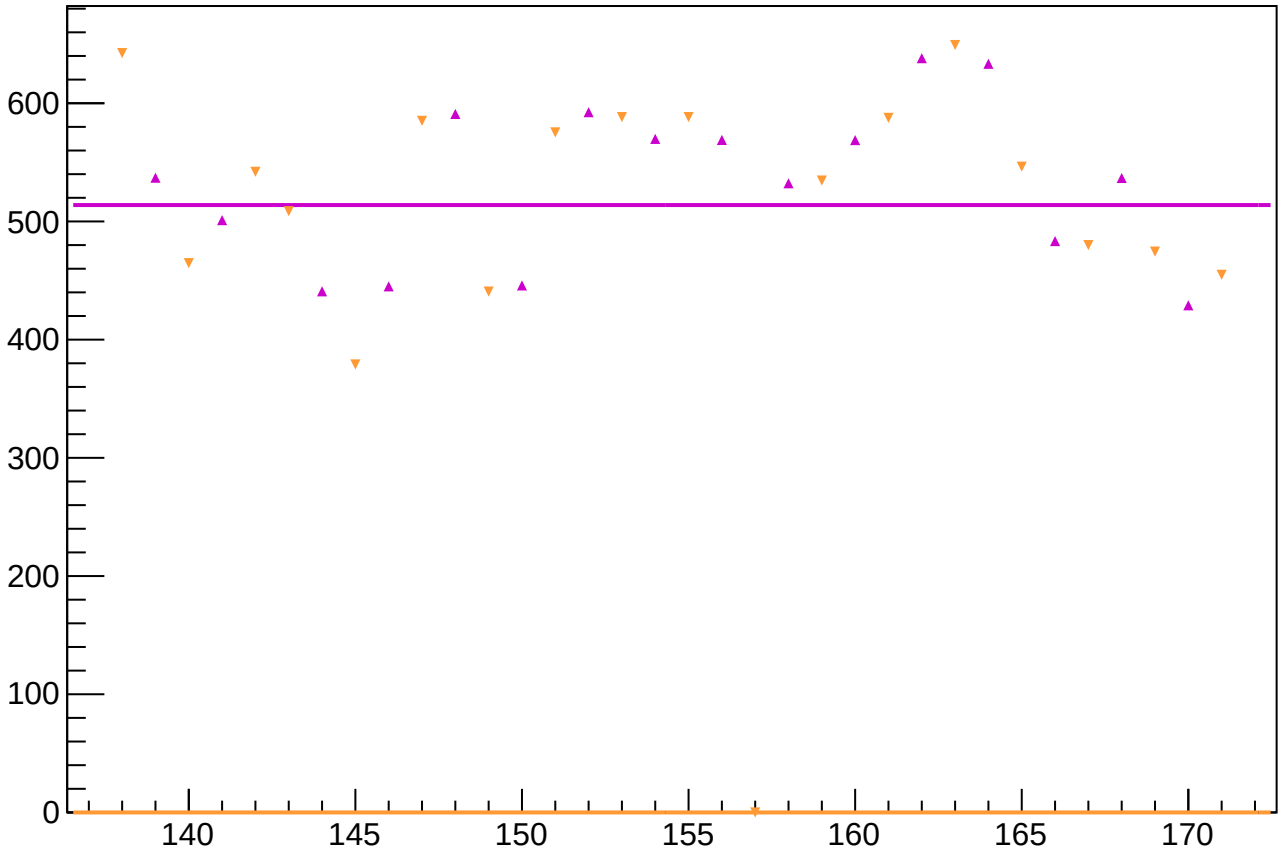
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -100.074+/-146.455 χ^2/NDF:25.5/15

Out: -0.000+/-0.000 χ^2/NDF:34.5/17

All: -0.000+/-0.000 χ^2/NDF: 60.4/33

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:25322269.7/17

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

Left In: 513.865+/-0.104 χ^2/NDF:400562.5/15

Left: 0.000+/-0.000 χ^2/NDF: 50344644.2/33

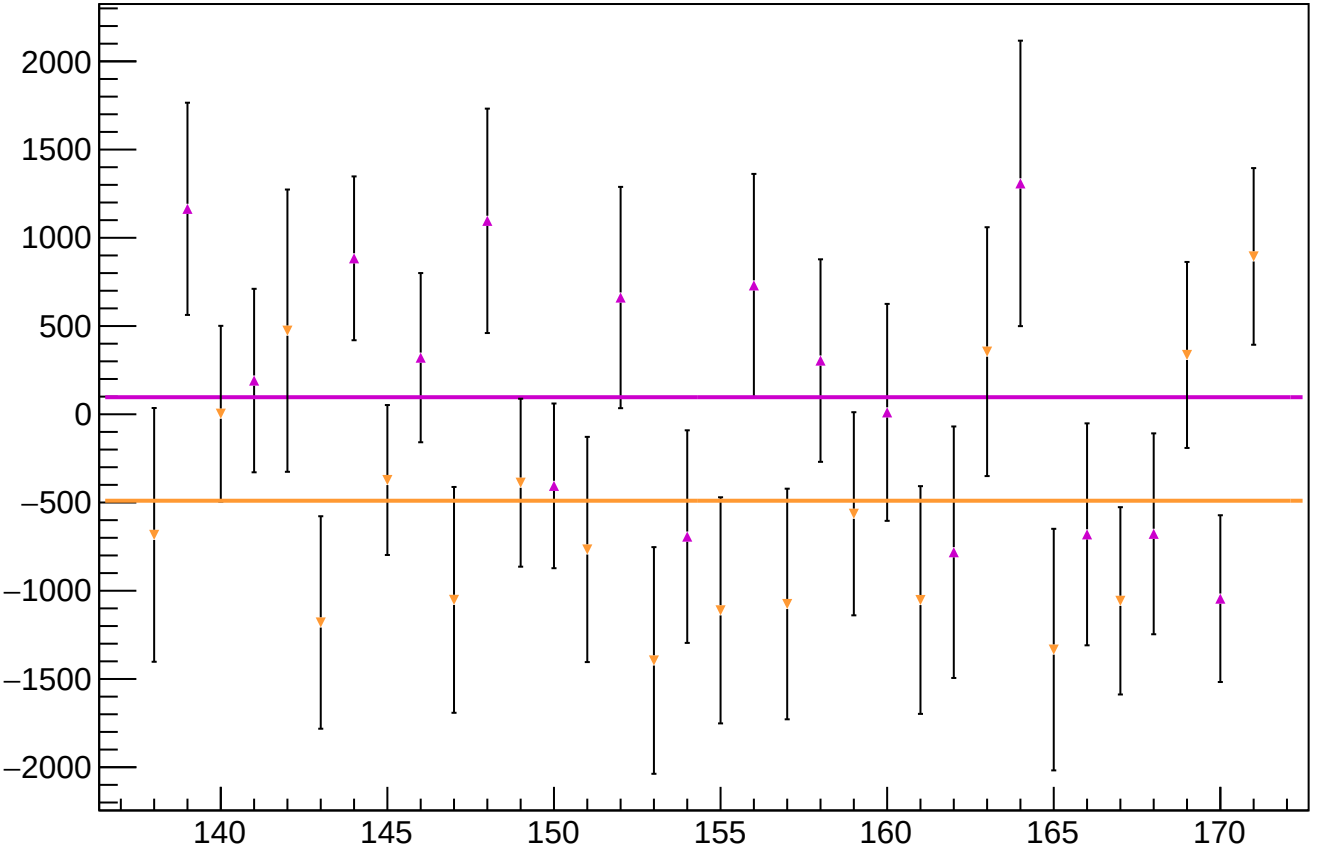
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 513.865+/-0.104 χ^2/NDF:400562.5/15

Out: 0.000+/-0.000 χ^2/NDF:25322269.7/17

All: 0.000+/-0.000 χ^2/NDF: 50344644.2/33

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -489.901+/-137.286 χ^2/NDF:23.6/17

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

Left In: 96.750+/-141.985 χ^2/NDF:26.6/15

Left: -206.444+/-98.695 χ^2/NDF: 59.0/33

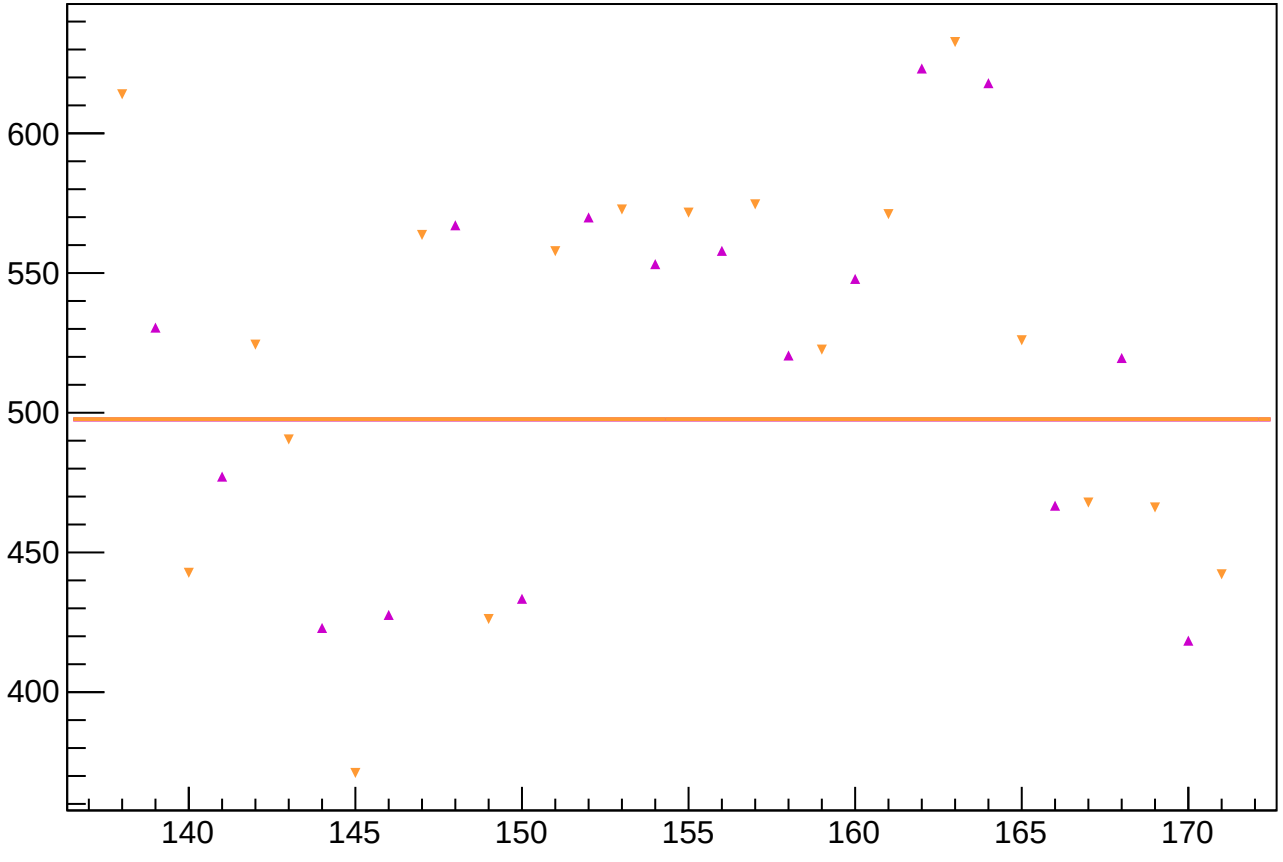
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 96.750+/-141.985 χ^2/NDF:26.6/15

Out: -489.901+/-137.286 χ^2/NDF:23.6/17

All: -206.444+/-98.695 χ^2/NDF: 59.0/33

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 497.698+/-0.097 χ^2/NDF:567038.0/17

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

Left In: 497.588+/-0.100 χ^2/NDF:413893.6/15

Left: 497.645+/-0.070 χ^2/NDF: 980932.2/33

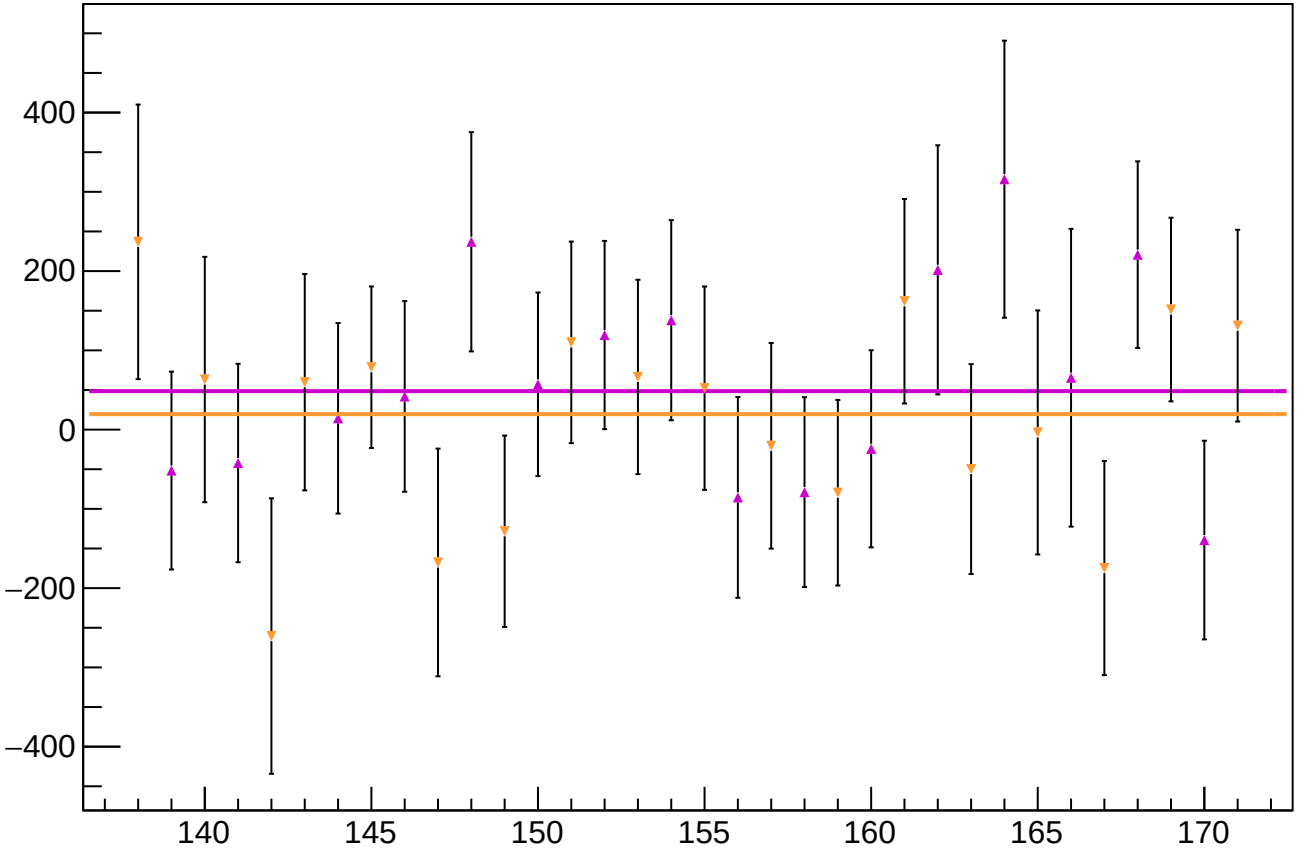
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 497.588+/-0.100 χ^2/NDF:413893.6/15

Out: 497.698+/-0.097 χ^2/NDF:567038.0/17

All: 497.645+/-0.070 χ^2/NDF: 980932.2/33

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 19.542+/-30.803 χ^2/NDF:15.1/17

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

Left In: 48.555+/-32.259 χ^2/NDF:14.2/15

Left: 33.379+/-22.278 χ^2/NDF: 29.8/33

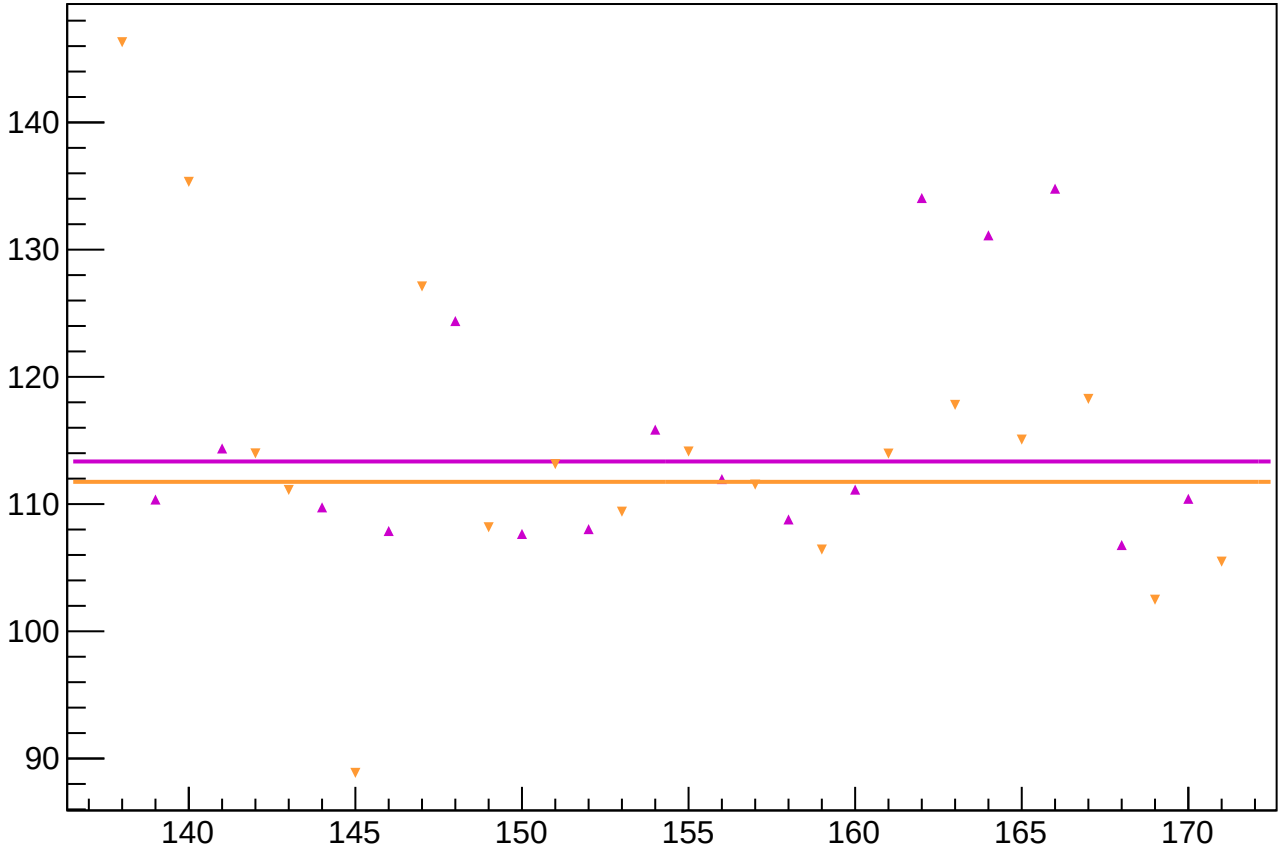
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 48.555+/-32.259 χ^2/NDF:14.2/15

Out: 19.542+/-30.803 χ^2/NDF:15.1/17

All: 33.379+/-22.278 χ^2/NDF: 29.8/33

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 111.748+/-0.022 χ^2/NDF:286244.0/17

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

Left In: 113.349+/-0.023 χ^2/NDF:122152.0/15

Left: 112.512+/-0.016 χ^2/NDF: 410971.5/33

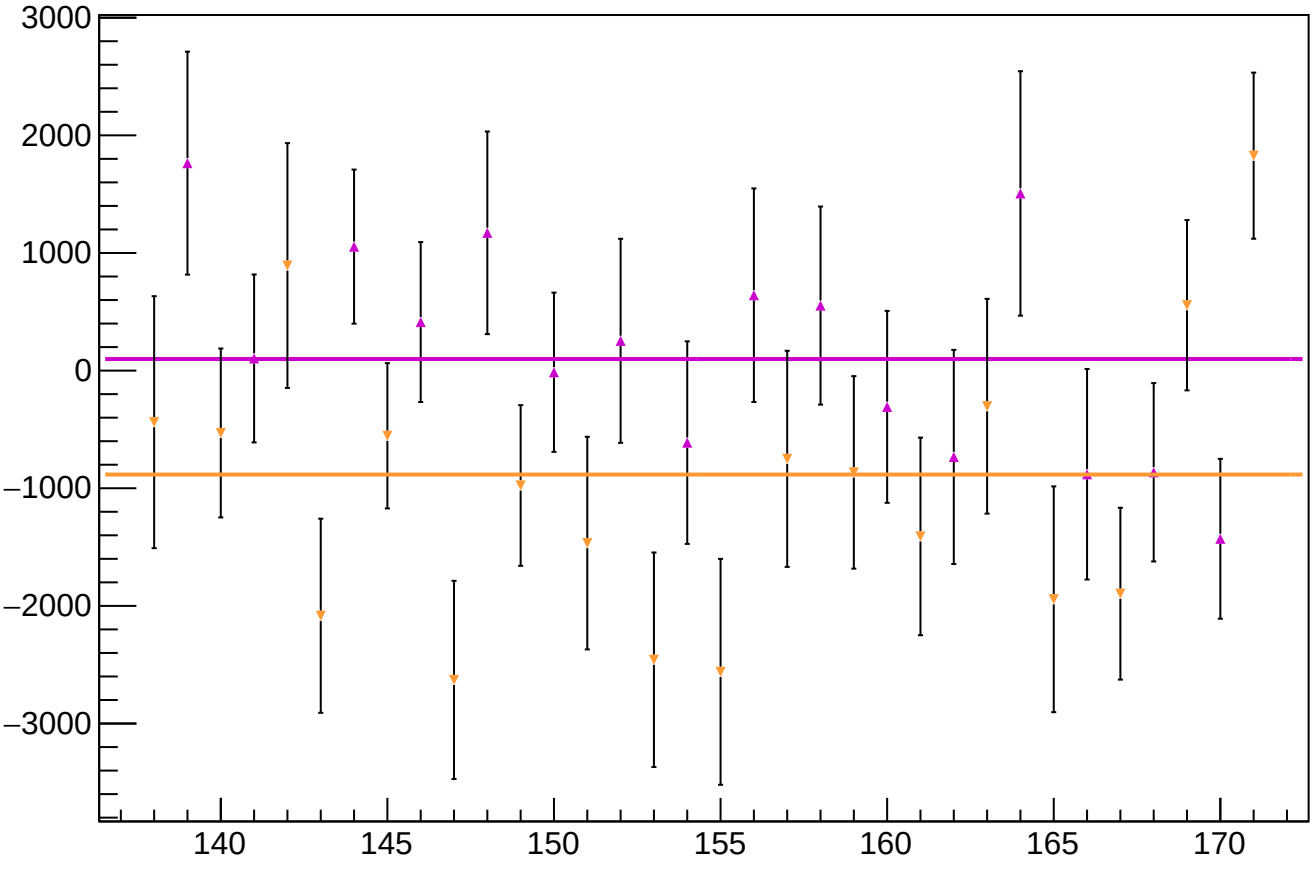
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 113.349+/-0.023 χ^2/NDF:122152.0/15

Out: 111.748+/-0.022 χ^2/NDF:286244.0/17

All: 112.512+/-0.016 χ^2/NDF: 410971.5/33

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -883.428+/-192.229 χ^2/NDF:39.1/17

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

Left In: 98.522+/-199.220 χ^2/NDF:19.2/15

Left: -409.984+/-138.332 χ^2/NDF: 70.9/33

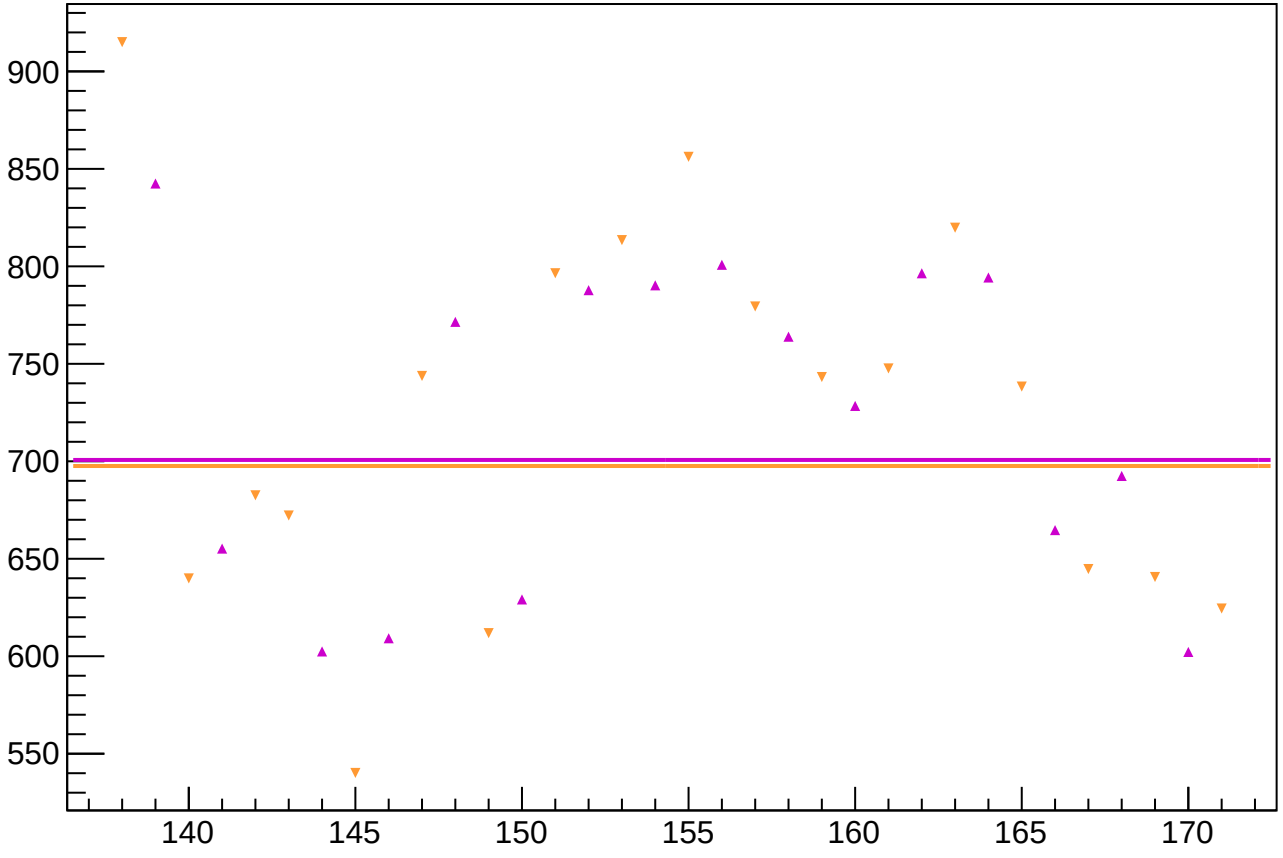
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 98.522+/-199.220 χ^2/NDF:19.2/15

Out: -883.428+/-192.229 χ^2/NDF:39.1/17

All: -409.984+/-138.332 χ^2/NDF: 70.9/33

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 697.582+/-0.136 χ^2/NDF:488965.1/17

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

Left In: 700.692+/-0.141 χ^2/NDF:333553.3/15

Left: 699.081+/-0.098 χ^2/NDF: 822770.8/33

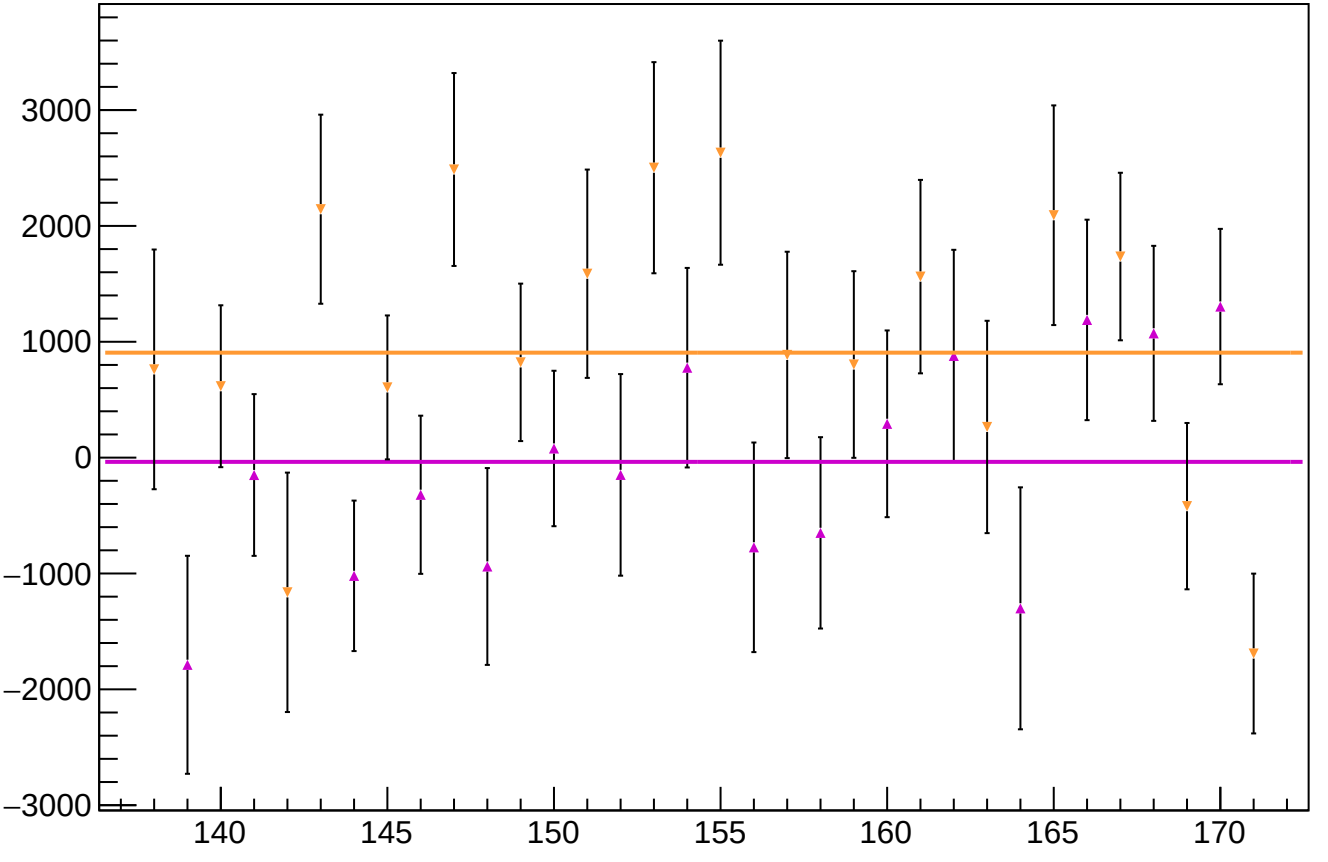
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 700.692+/-0.141 χ^2/NDF:333553.3/15

Out: 697.582+/-0.136 χ^2/NDF:488965.1/17

All: 699.081+/-0.098 χ^2/NDF: 822770.8/33

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 905.996+/-190.252 χ^2/NDF:38.8/17

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

Left In: -36.585+/-197.539 χ^2/NDF:20.0/15

Left: 452.412+/-137.032 χ^2/NDF: 70.6/33

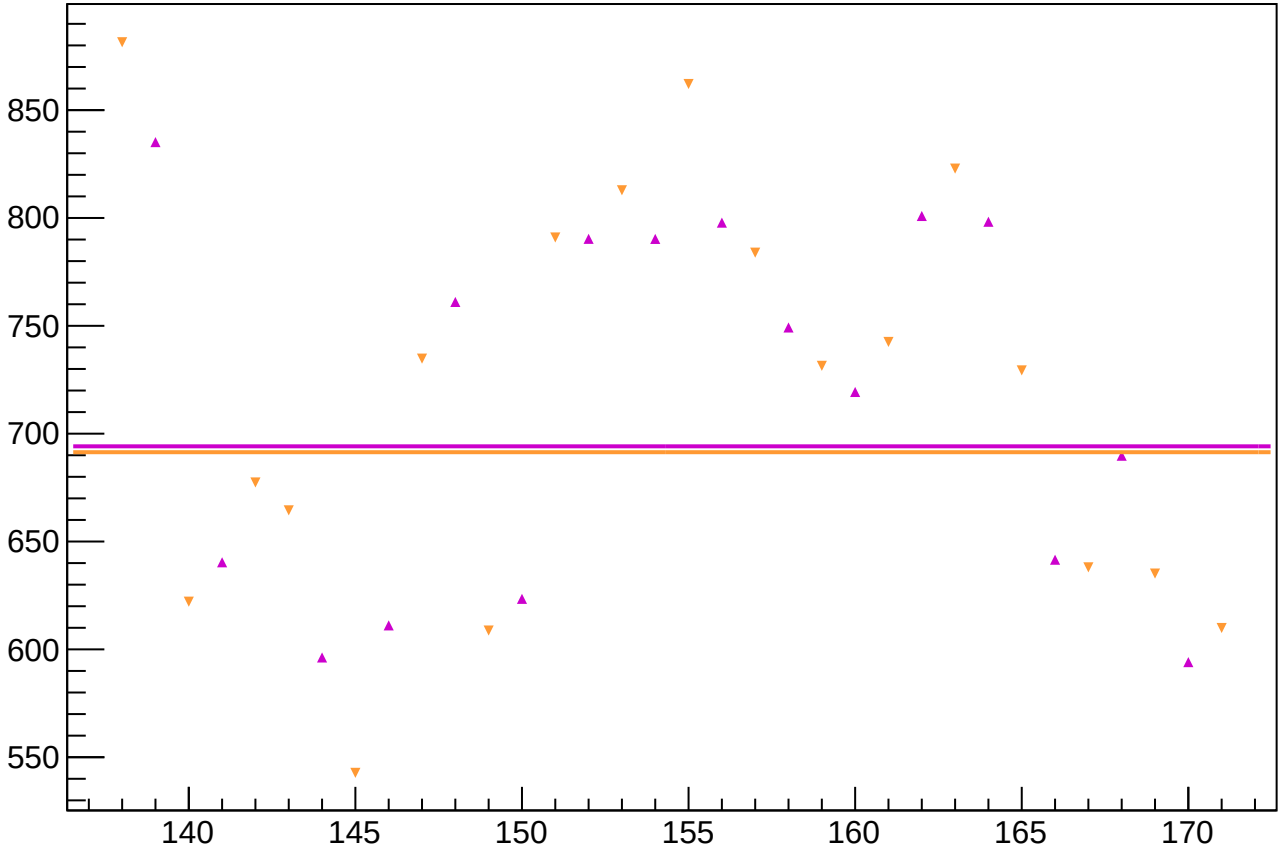
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.585+/-197.539 χ^2/NDF:20.0/15

Out: 905.996+/-190.252 χ^2/NDF:38.8/17

All: 452.412+/-137.032 χ^2/NDF: 70.6/33

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 691.407+/-0.135 χ^2/NDF:491173.3/17

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

Left In: 694.136+/-0.140 χ^2/NDF:352046.4/15

Left: 692.720+/-0.097 χ^2/NDF: 843417.6/33

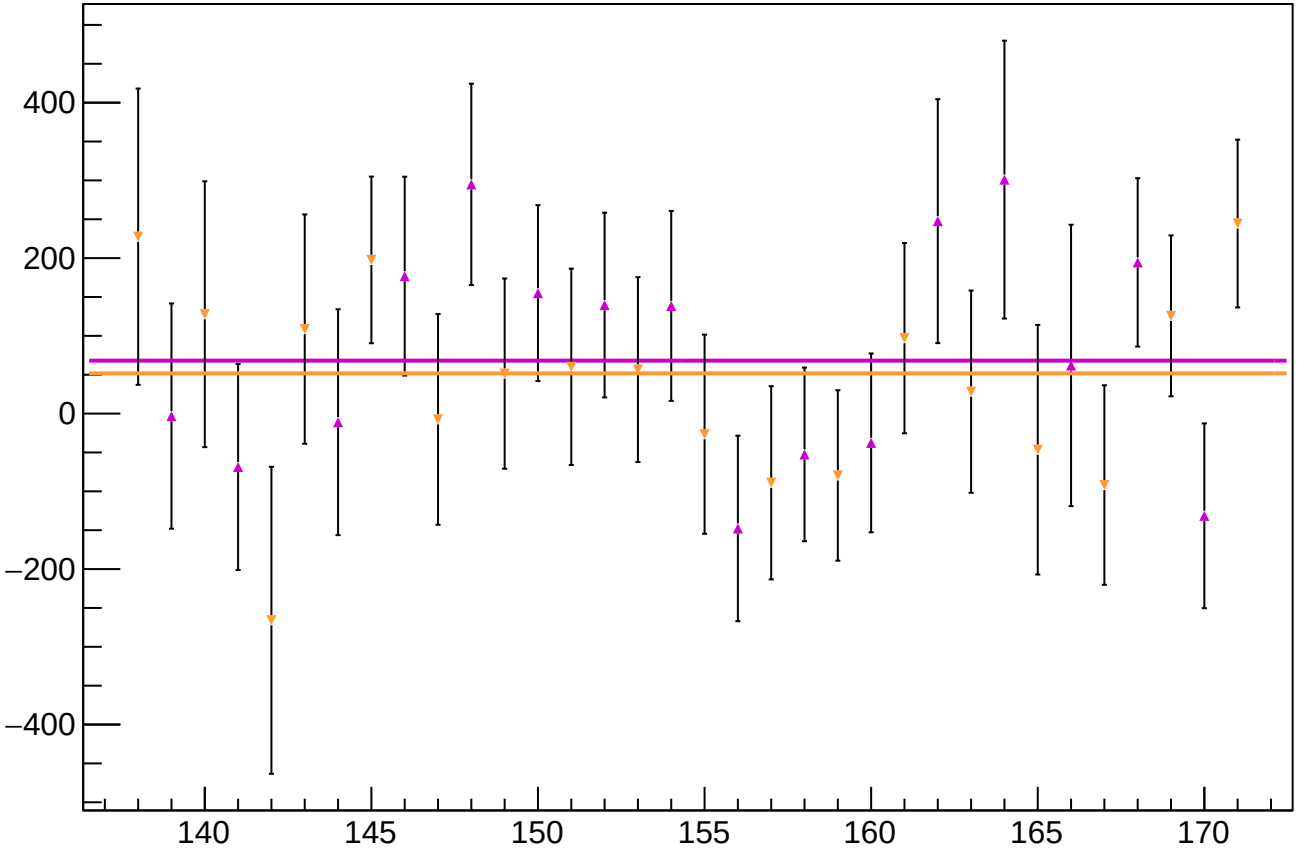
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 694.136+/-0.140 χ^2/NDF:352046.4/15

Out: 691.407+/-0.135 χ^2/NDF:491173.3/17

All: 692.720+/-0.097 χ^2/NDF: 843417.6/33

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 51.762+/-30.308 χ^2/NDF:14.4/17

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

Left In: 68.115+/-32.058 χ^2/NDF:19.2/15

Left: 59.480+/-22.024 χ^2/NDF: 33.7/33

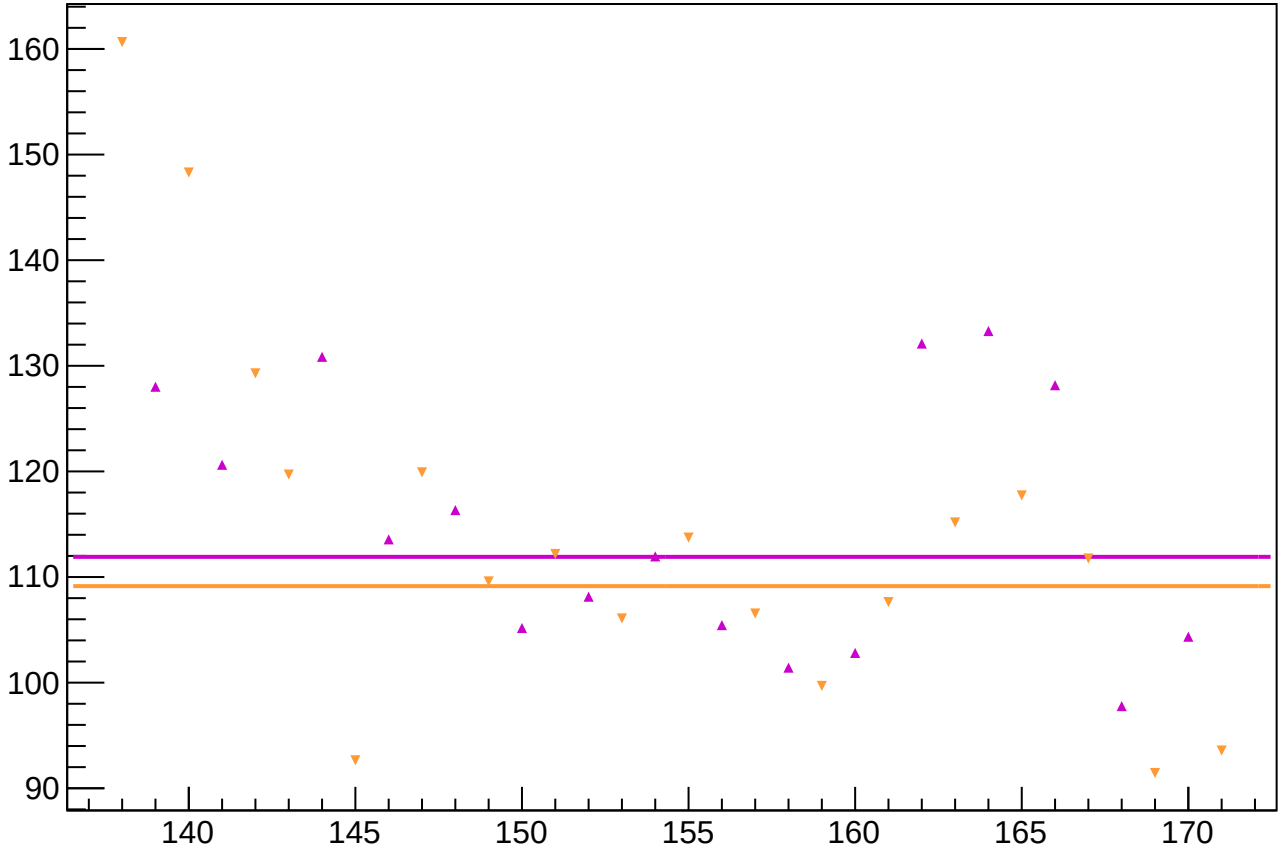
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 68.115+/-32.058 χ^2/NDF:19.2/15

Out: 51.762+/-30.308 χ^2/NDF:14.4/17

All: 59.480+/-22.024 χ^2/NDF: 33.7/33

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 109.138+/-0.021 χ^2/NDF:474203.9/17

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

Left In: 111.911+/-0.023 χ^2/NDF:235205.6/15

Left: 110.447+/-0.016 χ^2/NDF: 717314.5/33

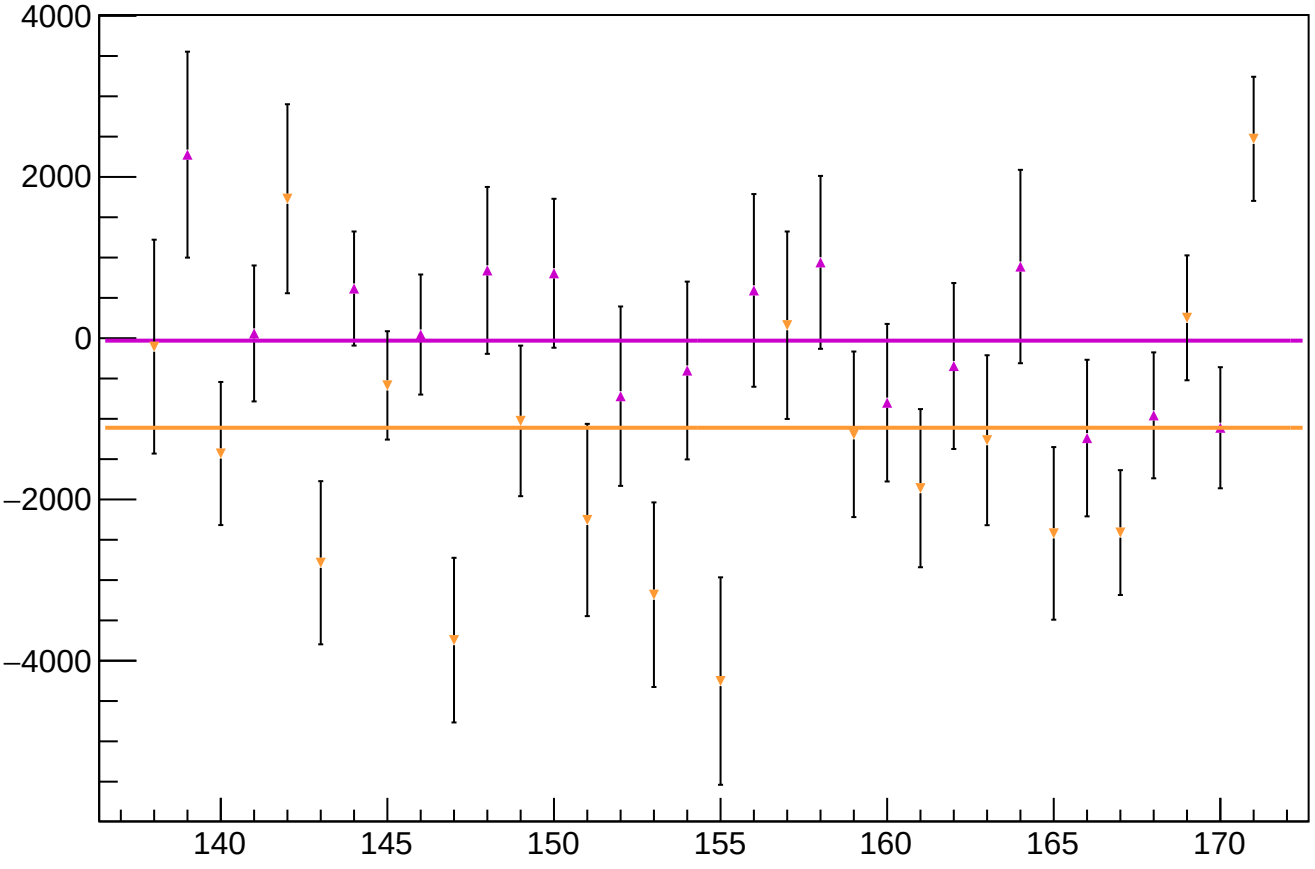
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.911+/-0.023 χ^2/NDF:235205.6/15

Out: 109.138+/-0.021 χ^2/NDF:474203.9/17

All: 110.447+/-0.016 χ^2/NDF: 717314.5/33

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1110.596+/-226.701 χ^2/NDF:57.6/17

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

Left In: -30.294+/-233.846 χ^2/NDF:13.6/15

Left: -587.201+/-162.769 χ^2/NDF: 82.2/33

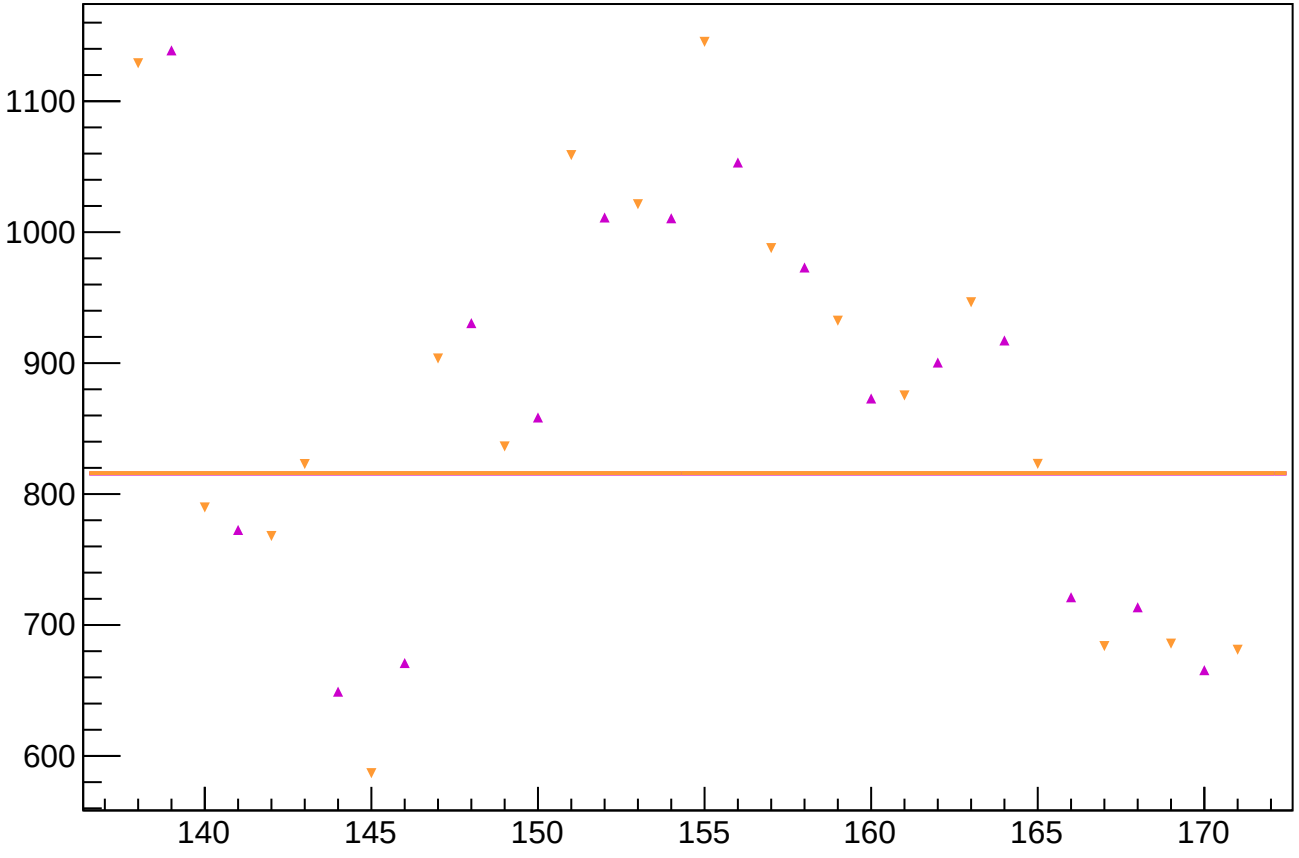
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.294+/-233.846 χ^2/NDF:13.6/15

Out: -1110.596+/-226.701 χ^2/NDF:57.6/17

All: -587.201+/-162.769 χ^2/NDF: 82.2/33

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 816.024+/-0.160 χ^2/NDF:926729.7/17

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

Left In: 815.668+/-0.165 χ^2/NDF:762868.4/15

Left: 815.851+/-0.115 χ^2/NDF: 1689600.4/33

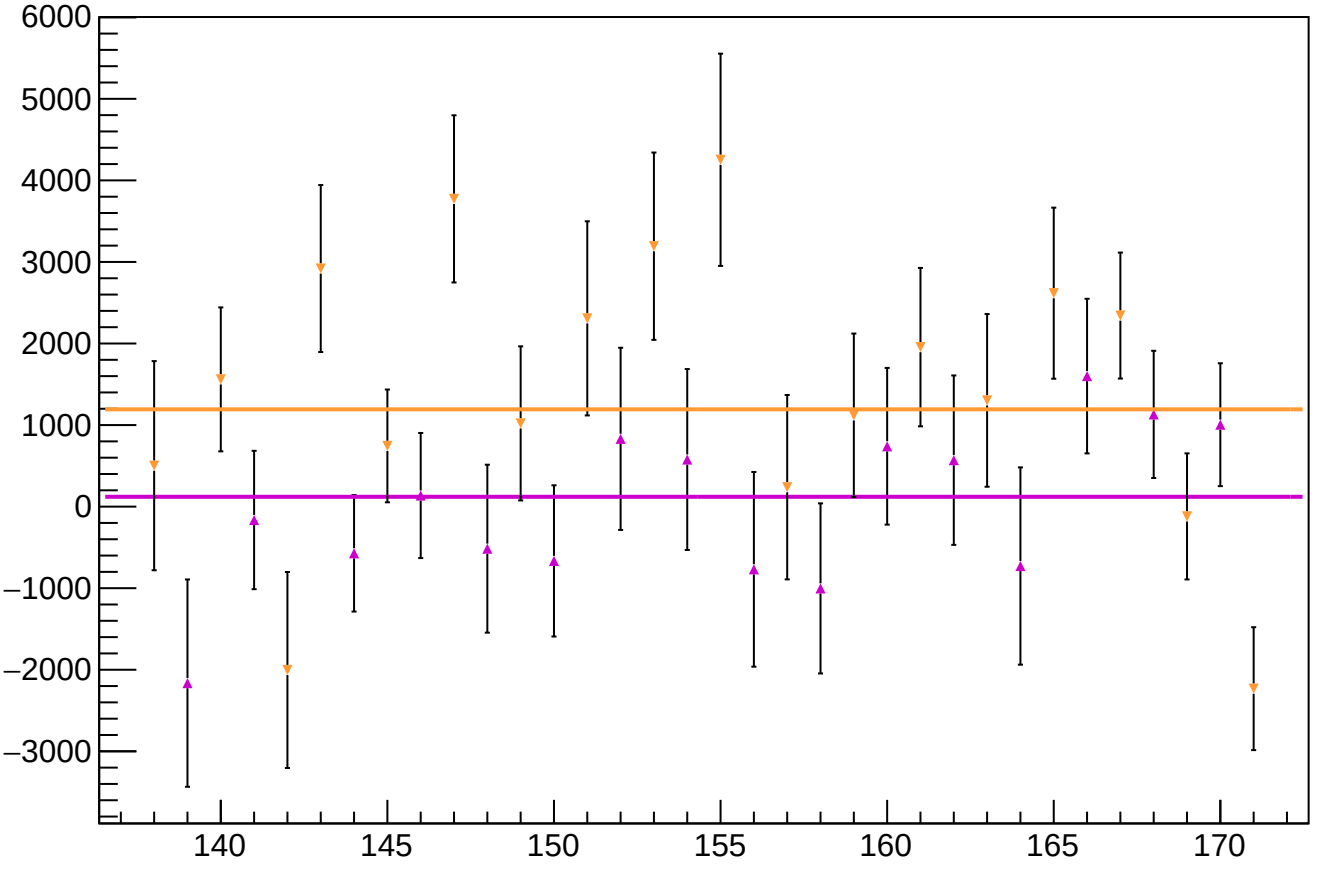
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 815.668+/-0.165 χ^2/NDF:762868.4/15

Out: 816.024+/-0.160 χ^2/NDF:926729.7/17

All: 815.851+/-0.115 χ^2/NDF: 1689600.4/33

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1192.894+/-226.398 χ^2/NDF:55.6/17

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

Left In: 120.558+/-234.224 χ^2/NDF:14.3/15

Left: 674.940+/-162.784 χ^2/NDF: 80.7/33

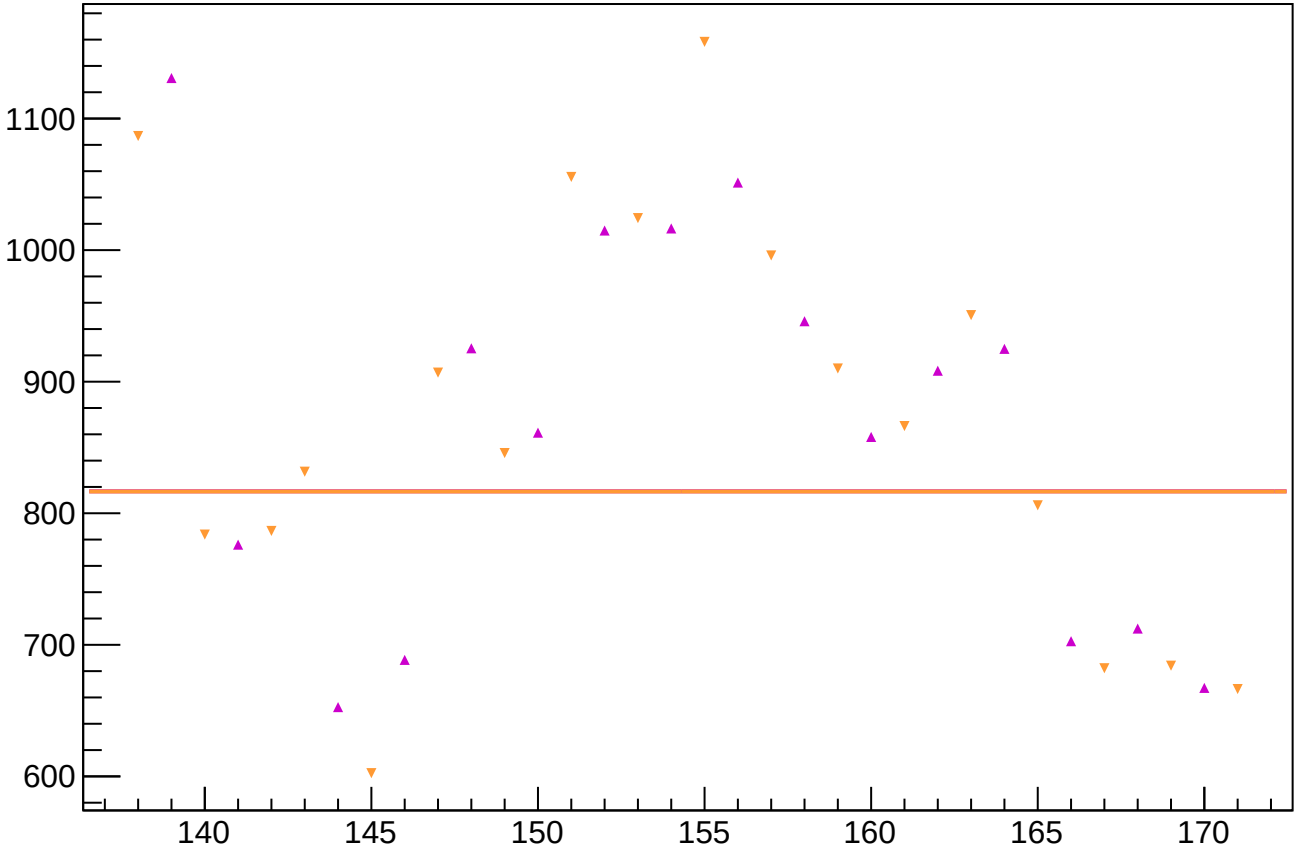
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 120.558+/-234.224 χ^2/NDF:14.3/15

Out: 1192.894+/-226.398 χ^2/NDF:55.6/17

All: 674.940+/-162.784 χ^2/NDF: 80.7/33

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 816.545+/-0.160 χ^2/NDF:890483.0/17

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

Left In: 816.684+/-0.166 χ^2/NDF:729594.2/15

Left: 816.612+/-0.115 χ^2/NDF: 1620077.6/33

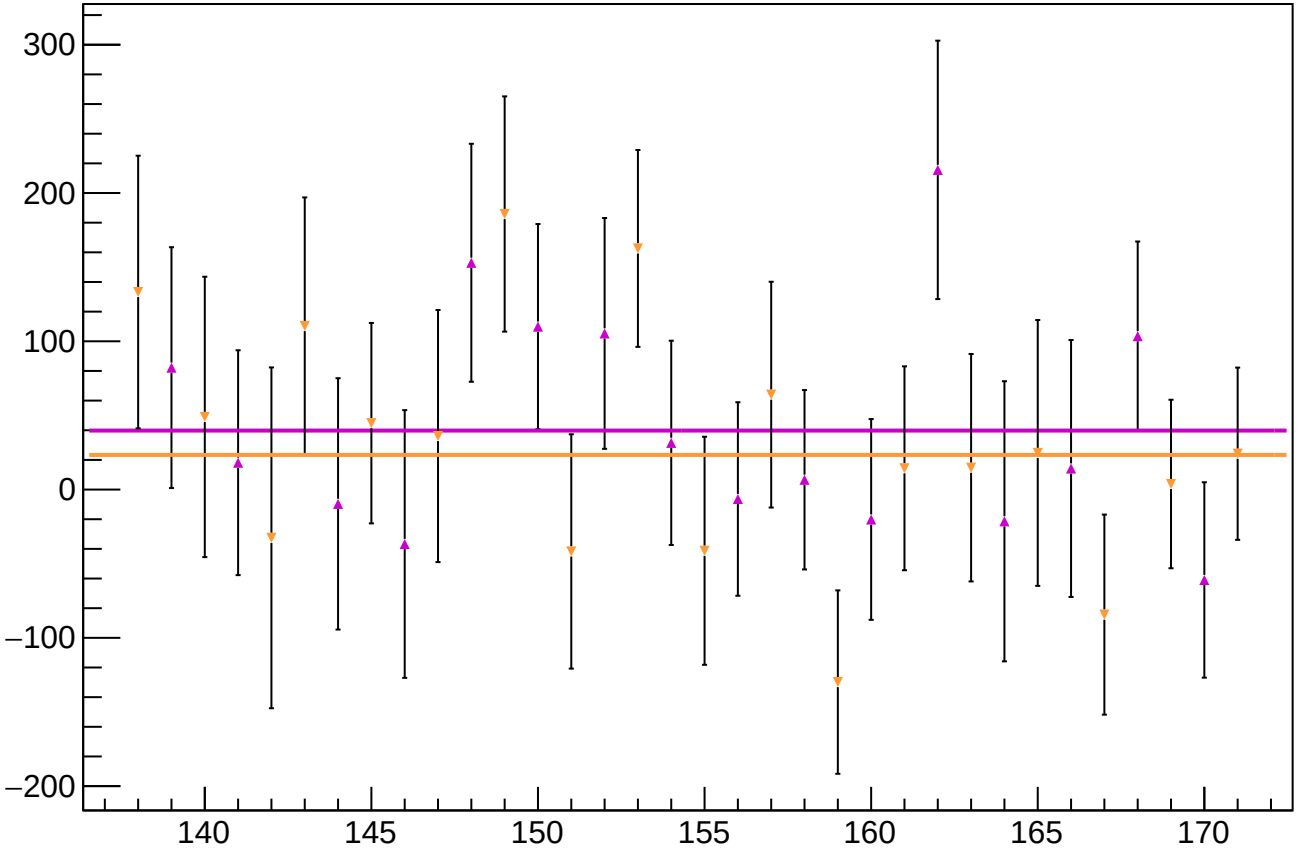
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 816.684+/-0.166 χ^2/NDF:729594.2/15

Out: 816.545+/-0.160 χ^2/NDF:890483.0/17

All: 816.612+/-0.115 χ^2/NDF: 1620077.6/33

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 23.359+/-17.469 χ^2/NDF:22.0/17

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

Left In: 39.792+/-18.549 χ^2/NDF:14.6/15

Left: 31.083+/-12.717 χ^2/NDF: 37.0/33

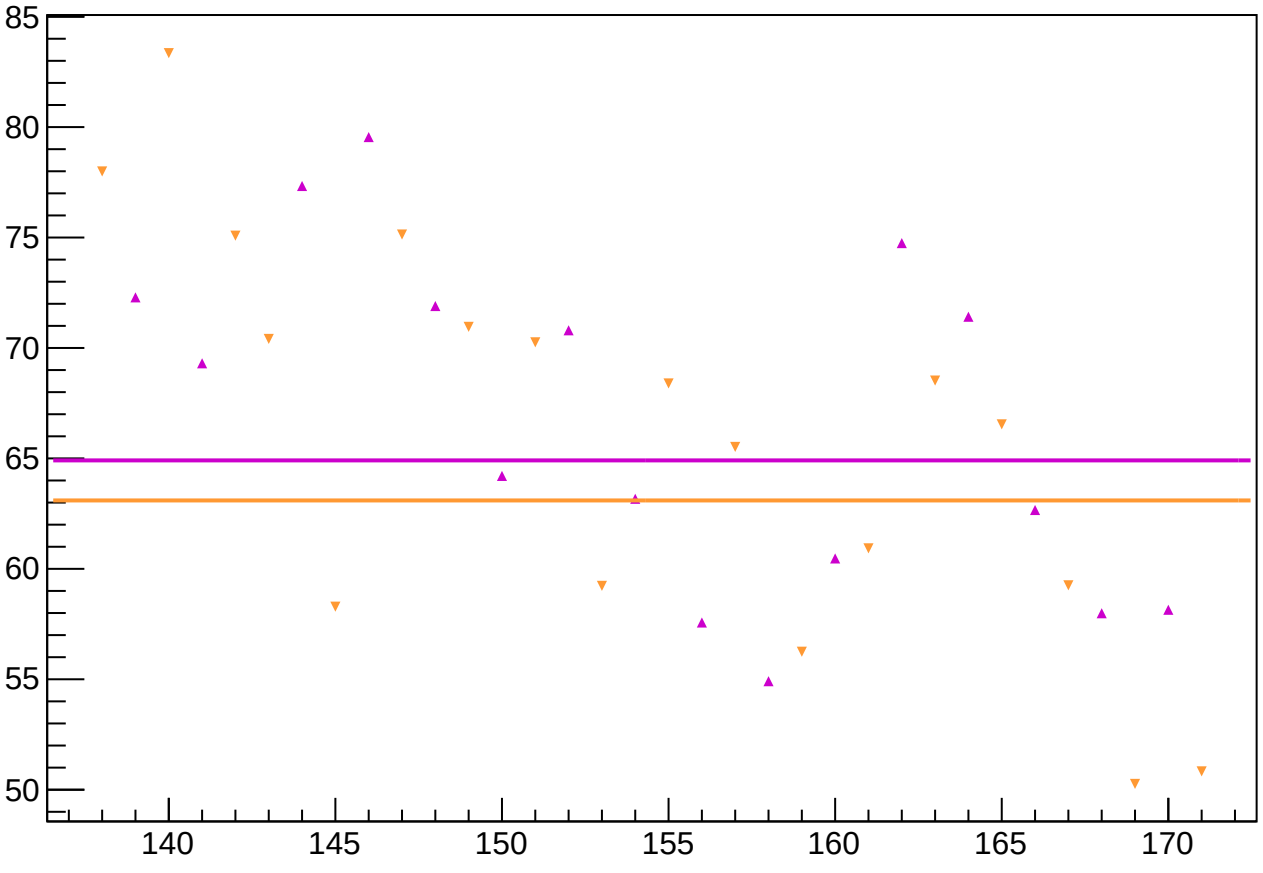
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 39.792+/-18.549 χ^2/NDF:14.6/15

Out: 23.359+/-17.469 χ^2/NDF:22.0/17

All: 31.083+/-12.717 χ^2/NDF: 37.0/33

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 63.097+/-0.012 χ^2/NDF:522054.4/17

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

Left In: 64.910+/-0.013 χ^2/NDF:316307.0/15

Left: 63.949+/-0.009 χ^2/NDF: 848491.2/33

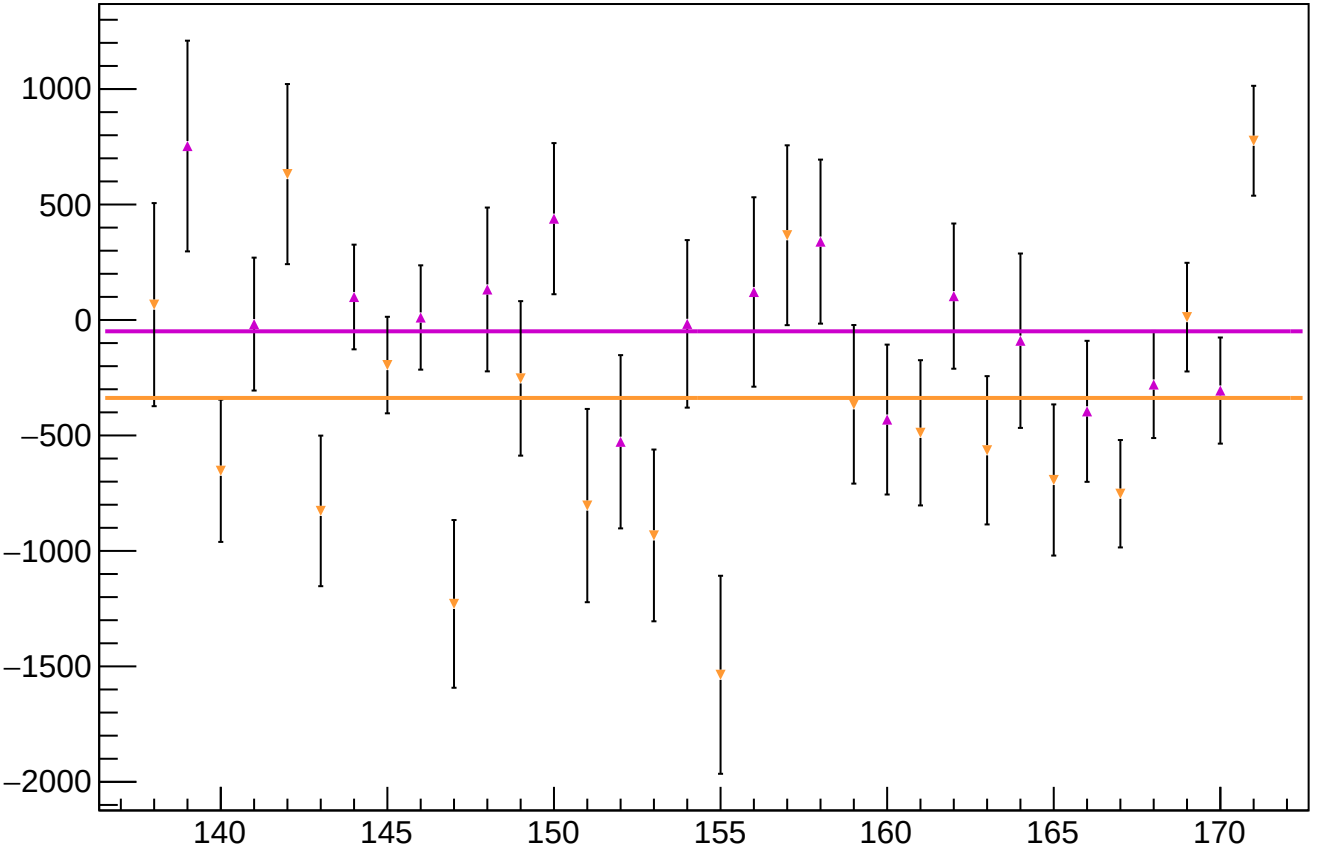
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 64.910+/-0.013 χ^2/NDF:316307.0/15

Out: 63.097+/-0.012 χ^2/NDF:522054.4/17

All: 63.949+/-0.009 χ^2/NDF: 848491.2/33

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -337.575+/-72.946 χ^2/NDF:61.0/17

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

Left In: -49.050+/-75.226 χ^2/NDF:14.2/15

Left: -197.752+/-52.368 χ^2/NDF: 82.8/33

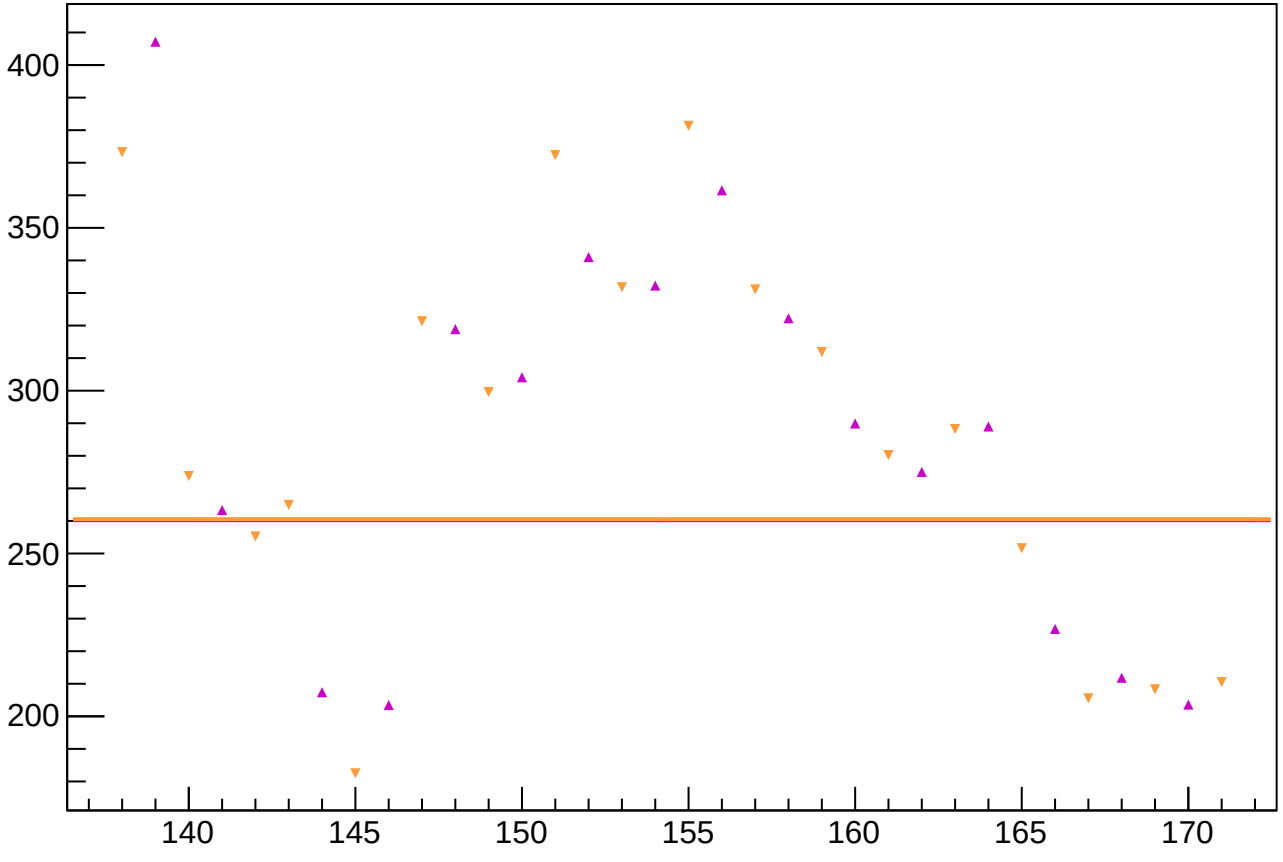
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -49.050+/-75.226 χ^2/NDF:14.2/15

Out: -337.575+/-72.946 χ^2/NDF:61.0/17

All: -197.752+/-52.368 χ^2/NDF: 82.8/33

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 260.551+/-0.052 χ^2/NDF:1306236.2/17

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

Left In: 260.221+/-0.053 χ^2/NDF:1153212.6/15

Left: 260.391+/-0.037 χ^2/NDF: 2459468.6/33

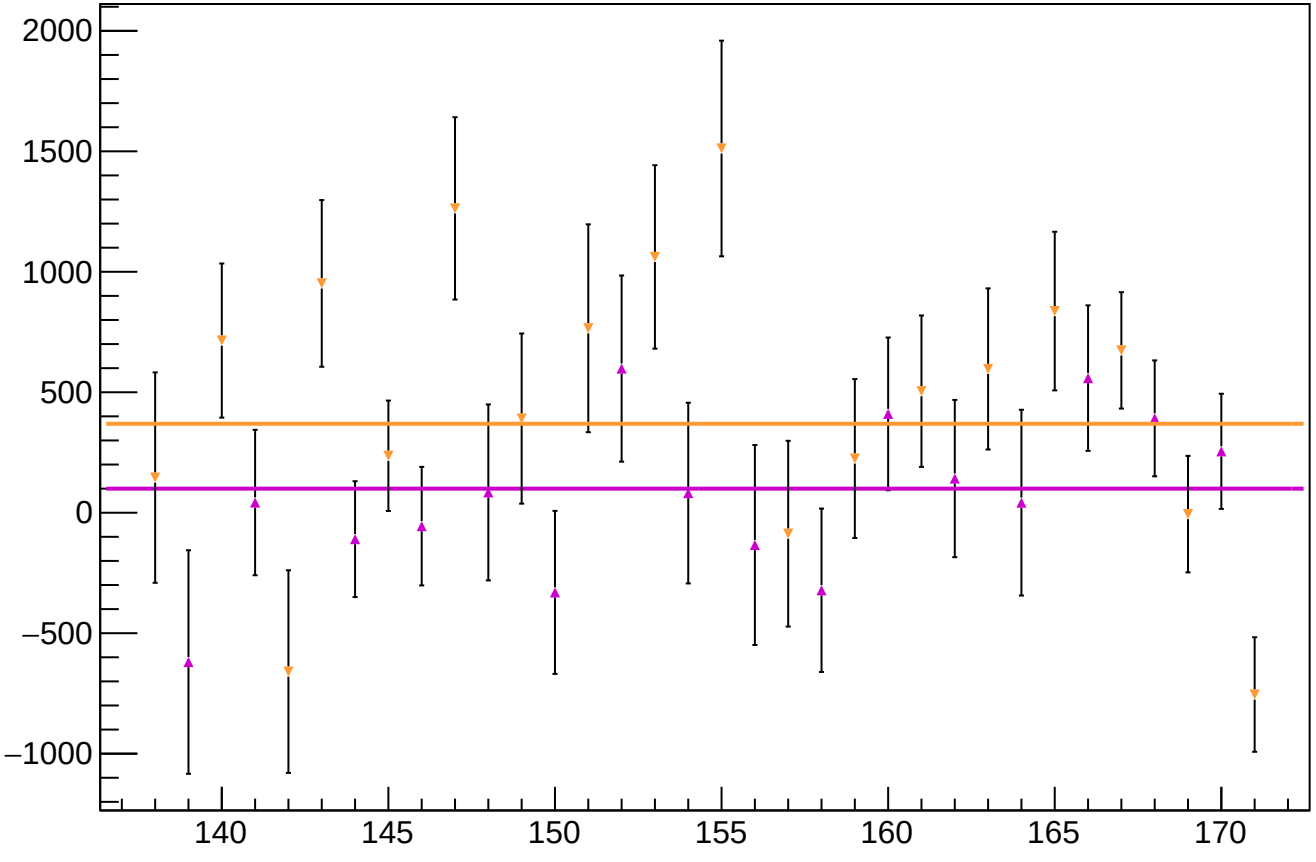
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 260.221+/-0.053 χ^2/NDF:1153212.6/15

Out: 260.551+/-0.052 χ^2/NDF:1306236.2/17

All: 260.391+/-0.037 χ^2/NDF: 2459468.6/33

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 369.252+/-75.266 χ^2/NDF:57.4/17

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

Left In: 99.957+/-77.657 χ^2/NDF:14.0/15

Left: 238.813+/-54.047 χ^2/NDF: 77.6/33

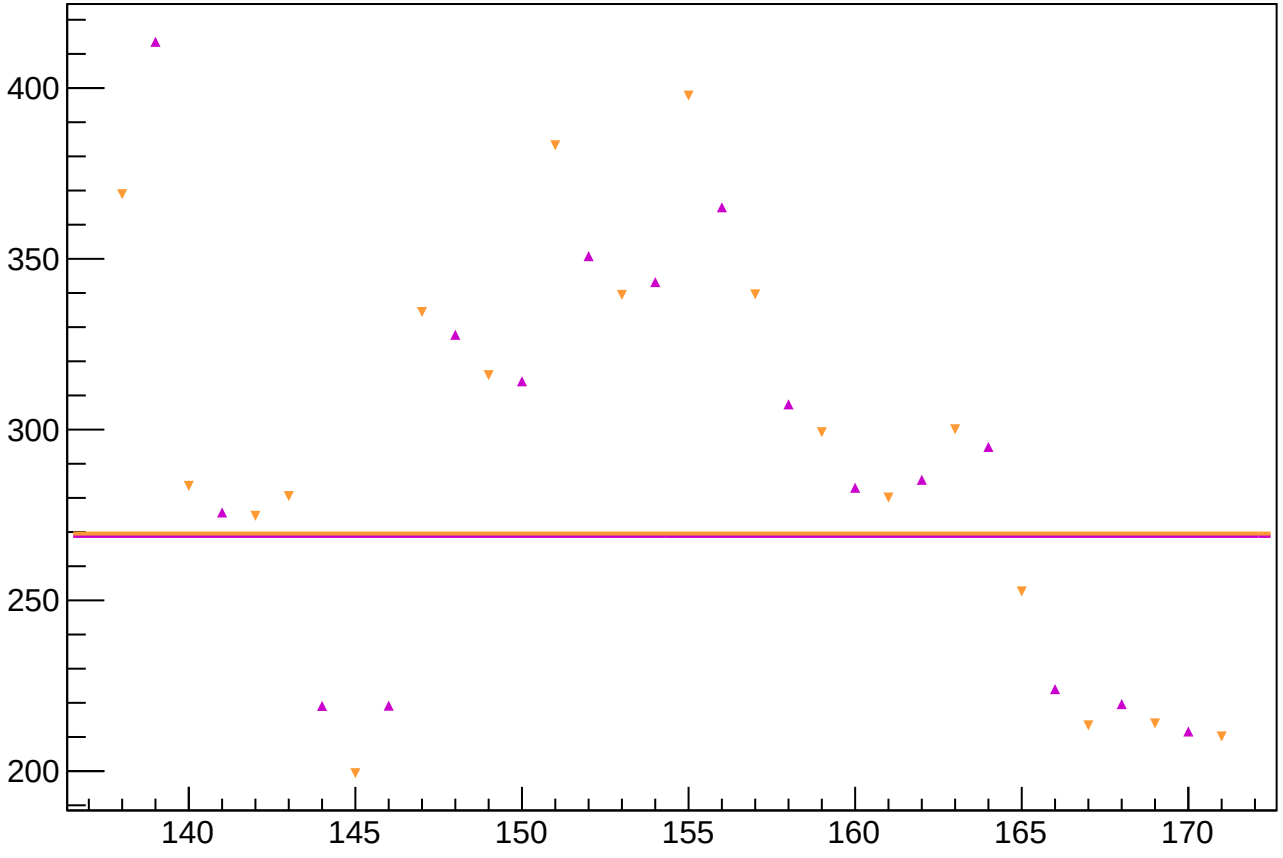
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.957+/-77.657 χ^2/NDF:14.0/15

Out: 369.252+/-75.266 χ^2/NDF:57.4/17

All: 238.813+/-54.047 χ^2/NDF: 77.6/33

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 269.572+/-0.053 χ^2/NDF:1206290.9/17

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

Left In: 268.866+/-0.055 χ^2/NDF:1013534.5/15

Left: 269.230+/-0.038 χ^2/NDF: 2219910.8/33

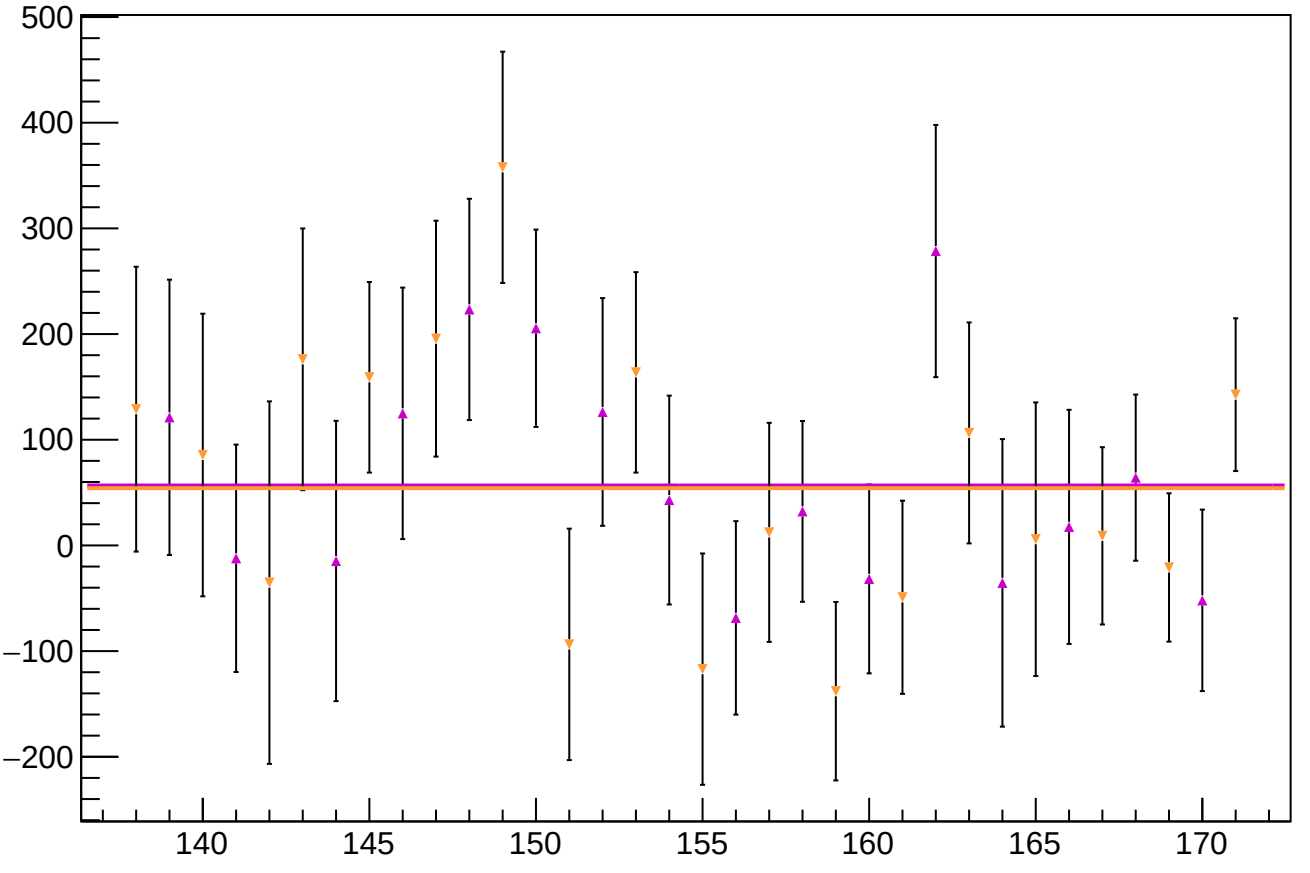
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 268.866+/-0.055 χ^2/NDF:1013534.5/15

Out: 269.572+/-0.053 χ^2/NDF:1206290.9/17

All: 269.230+/-0.038 χ^2/NDF: 2219910.8/33

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 54.152+/-23.467 χ^2/NDF:27.8/17

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

Left In: 56.677+/-25.385 χ^2/NDF:15.4/15

Left: 55.316+/-17.232 χ^2/NDF: 43.2/33

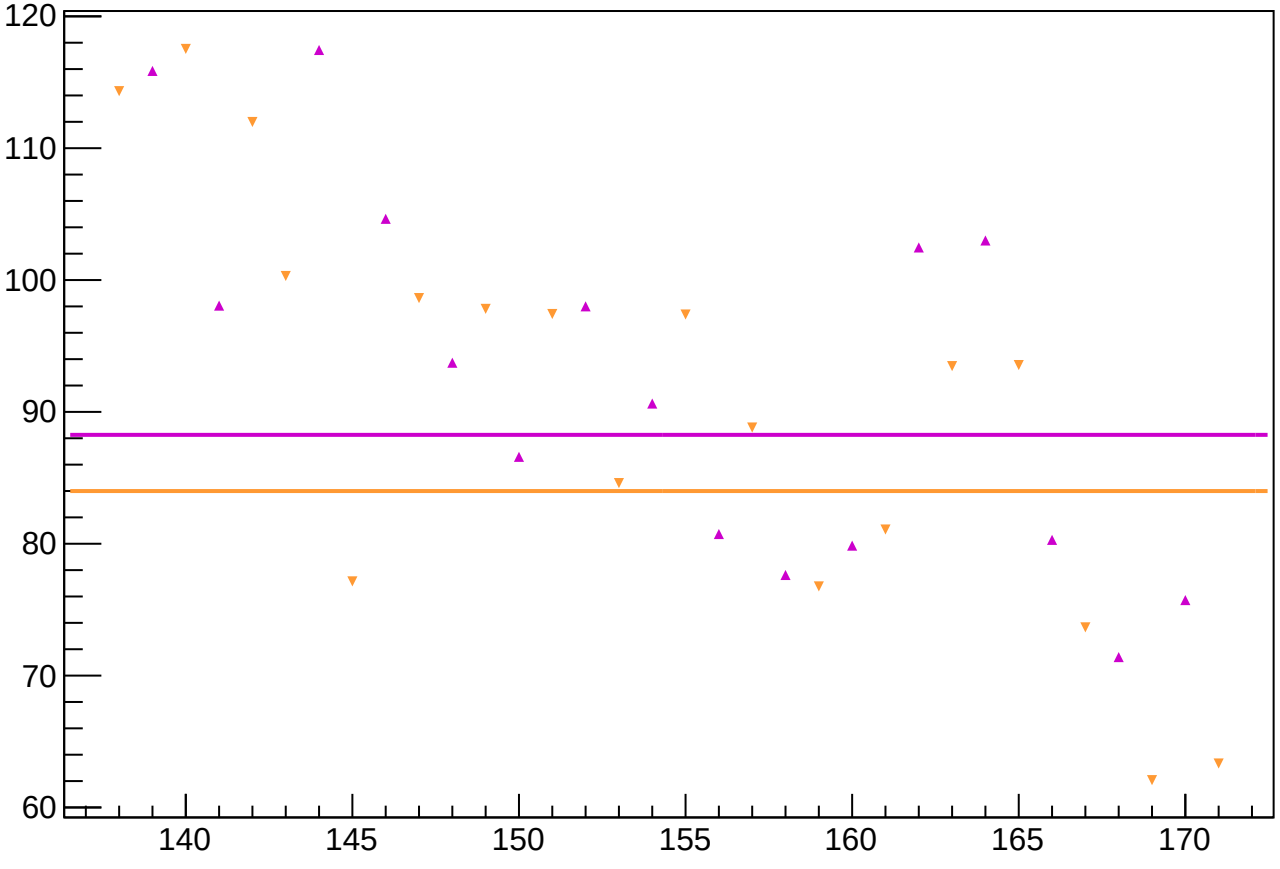
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 56.677+/-25.385 χ^2/NDF:15.4/15

Out: 54.152+/-23.467 χ^2/NDF:27.8/17

All: 55.316+/-17.232 χ^2/NDF: 43.2/33

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 83.996+/-0.017 χ^2/NDF:890344.2/17

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

Left In: 88.259+/-0.018 χ^2/NDF:523767.9/15

Left: 85.960+/-0.012 χ^2/NDF: 1444515.7/33

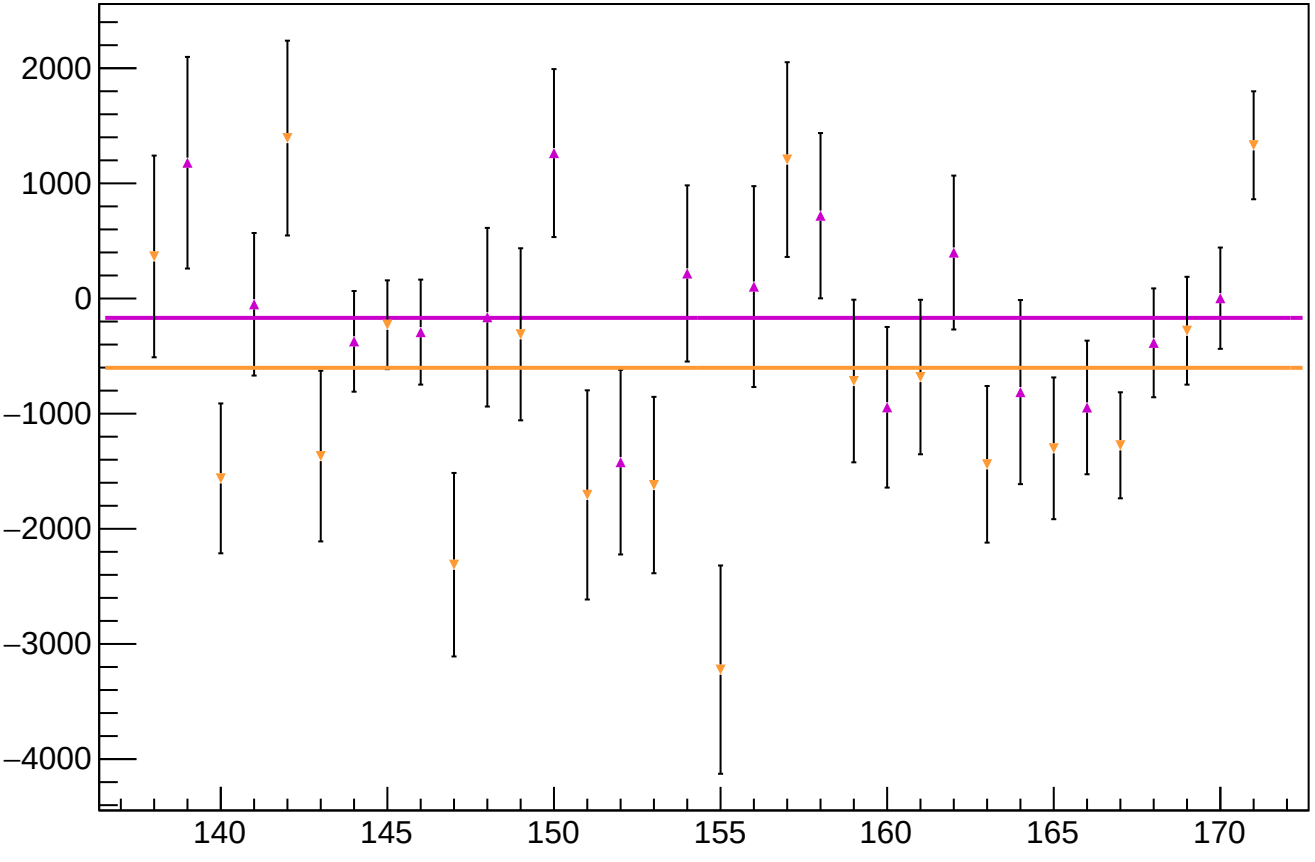
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 88.259+/-0.018 χ^2/NDF:523767.9/15

Out: 83.996+/-0.017 χ^2/NDF:890344.2/17

All: 85.960+/-0.012 χ^2/NDF: 1444515.7/33

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -601.713+/-148.470 χ^2/NDF:54.4/17

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

Left In: -168.166+/-153.630 χ^2/NDF:15.4/15

Left: -392.342+/-106.762 χ^2/NDF: 73.9/33

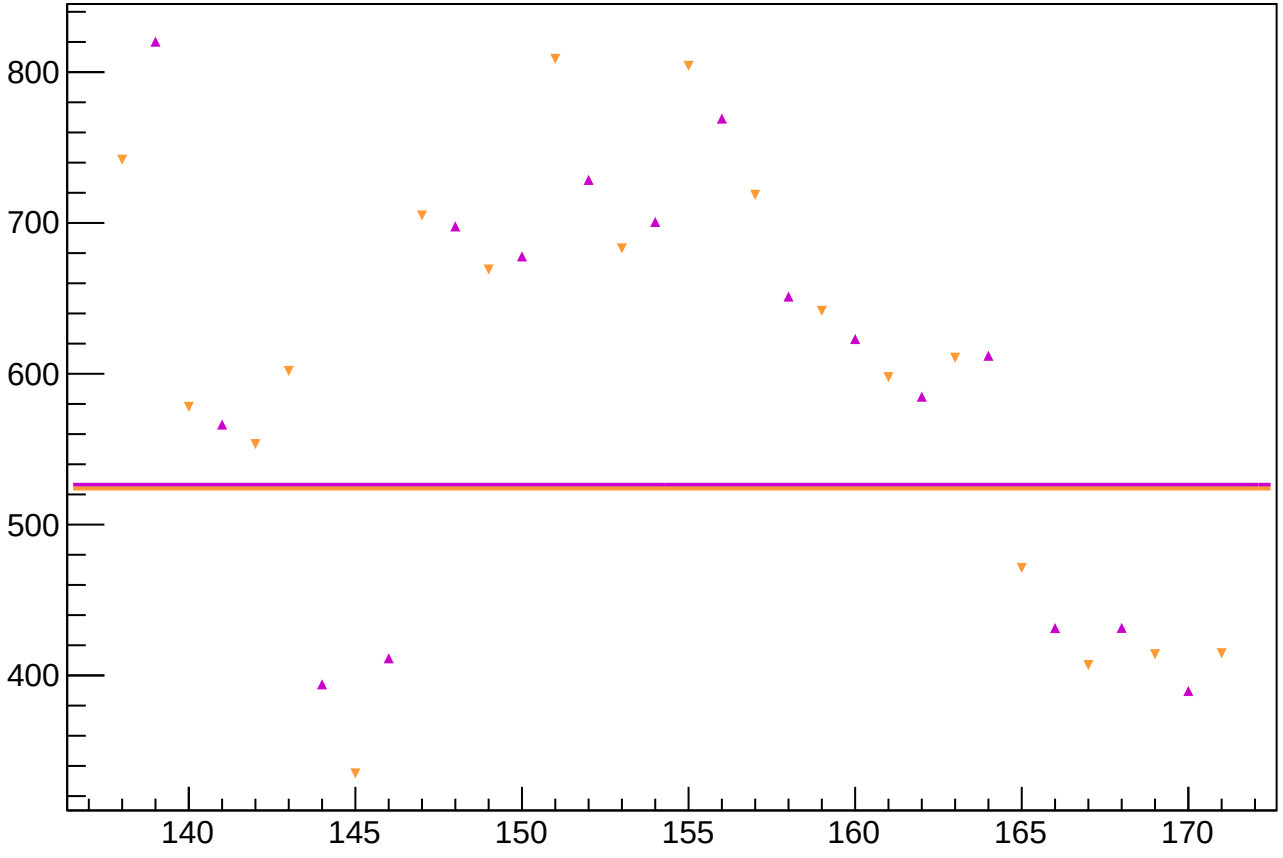
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -168.166+/-153.630 χ^2/NDF:15.4/15

Out: -601.713+/-148.470 χ^2/NDF:54.4/17

All: -392.342+/-106.762 χ^2/NDF: 73.9/33

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 523.927+/-0.105 χ^2/NDF:1876779.8/17

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

Left In: 526.394+/-0.109 χ^2/NDF:1557130.4/15

Left: 525.119+/-0.075 χ^2/NDF: 3434176.9/33

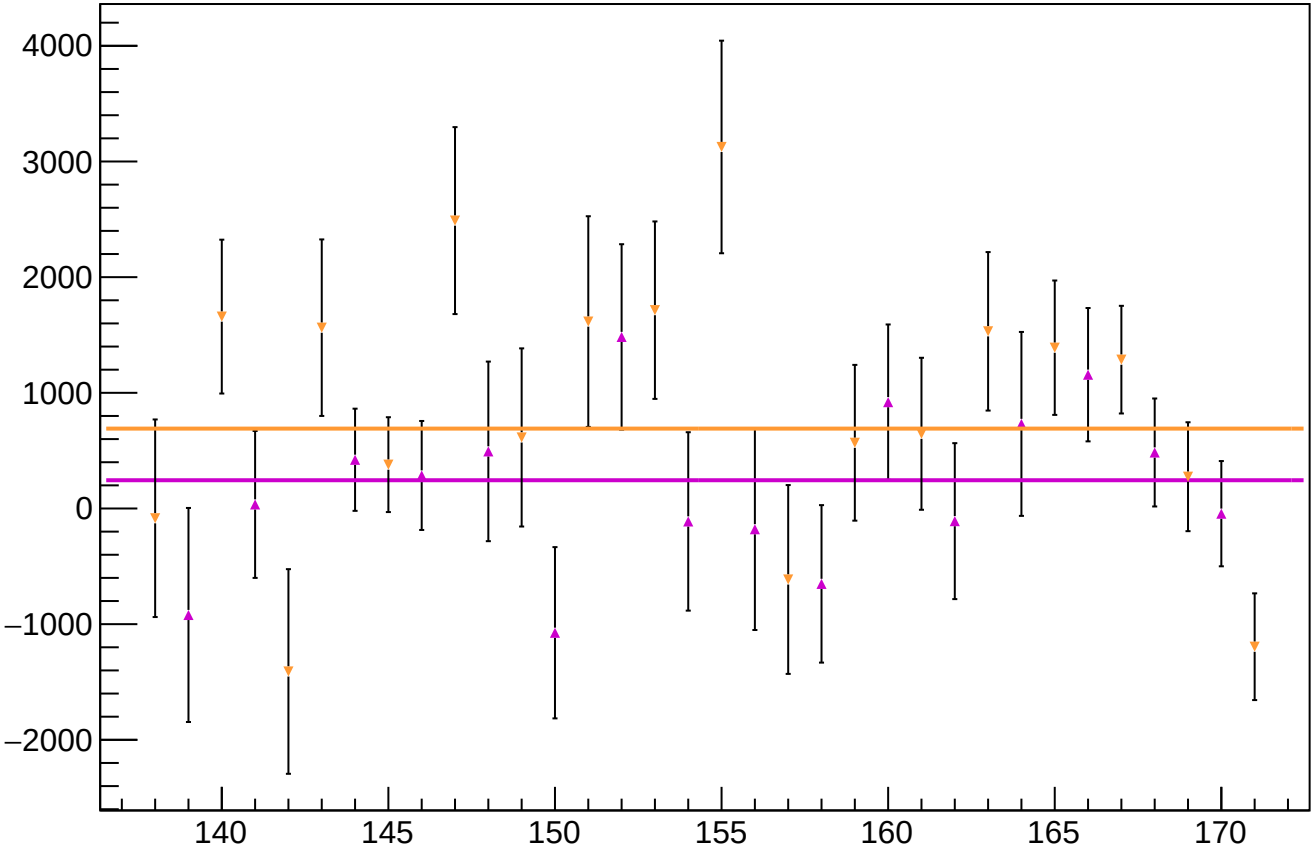
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 526.394+/-0.109 χ^2/NDF:1557130.4/15

Out: 523.927+/-0.105 χ^2/NDF:1876779.8/17

All: 525.119+/-0.075 χ^2/NDF: 3434176.9/33

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 690.703+/-149.360 χ^2/NDF:49.9/17

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

Left In: 244.337+/-154.479 χ^2/NDF:14.5/15

Left: 475.037+/-107.378 χ^2/NDF: 68.8/33

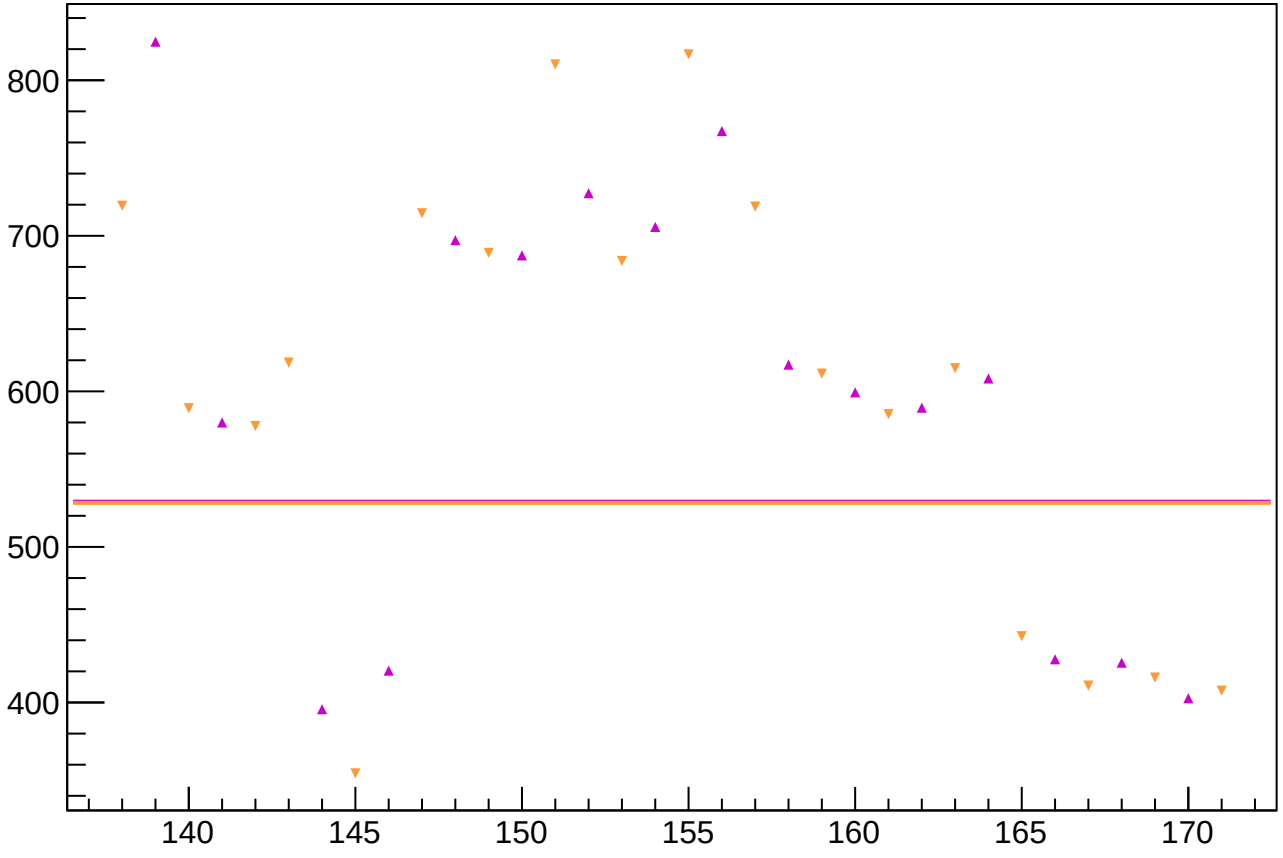
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 244.337+/-154.479 χ^2/NDF:14.5/15

Out: 690.703+/-149.360 χ^2/NDF:49.9/17

All: 475.037+/-107.378 χ^2/NDF: 68.8/33

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 528.321+/-0.106 χ^2/NDF:1782425.5/17

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

Left In: 529.075+/-0.109 χ^2/NDF:1473631.9/15

Left: 528.686+/-0.076 χ^2/NDF: 3256082.0/33

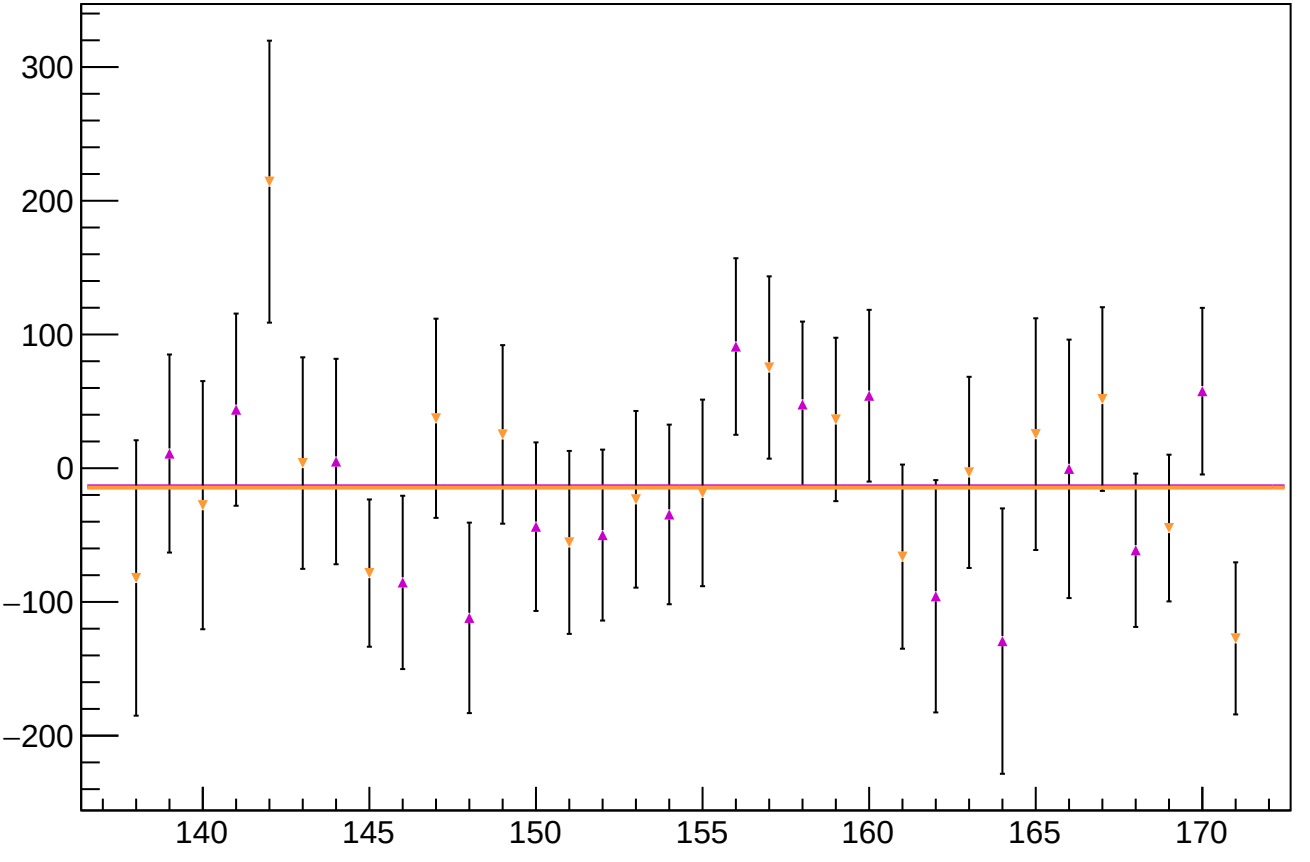
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 529.075+/-0.109 χ^2/NDF:1473631.9/15

Out: 528.321+/-0.106 χ^2/NDF:1782425.5/17

All: 528.686+/-0.076 χ^2/NDF: 3256082.0/33

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: -14.502+/-16.397 χ^2/NDF:16.2/17

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

Left In: -13.565+/-17.318 χ^2/NDF:13.5/15

Left: -14.059+/-11.907 χ^2/NDF: 29.6/33

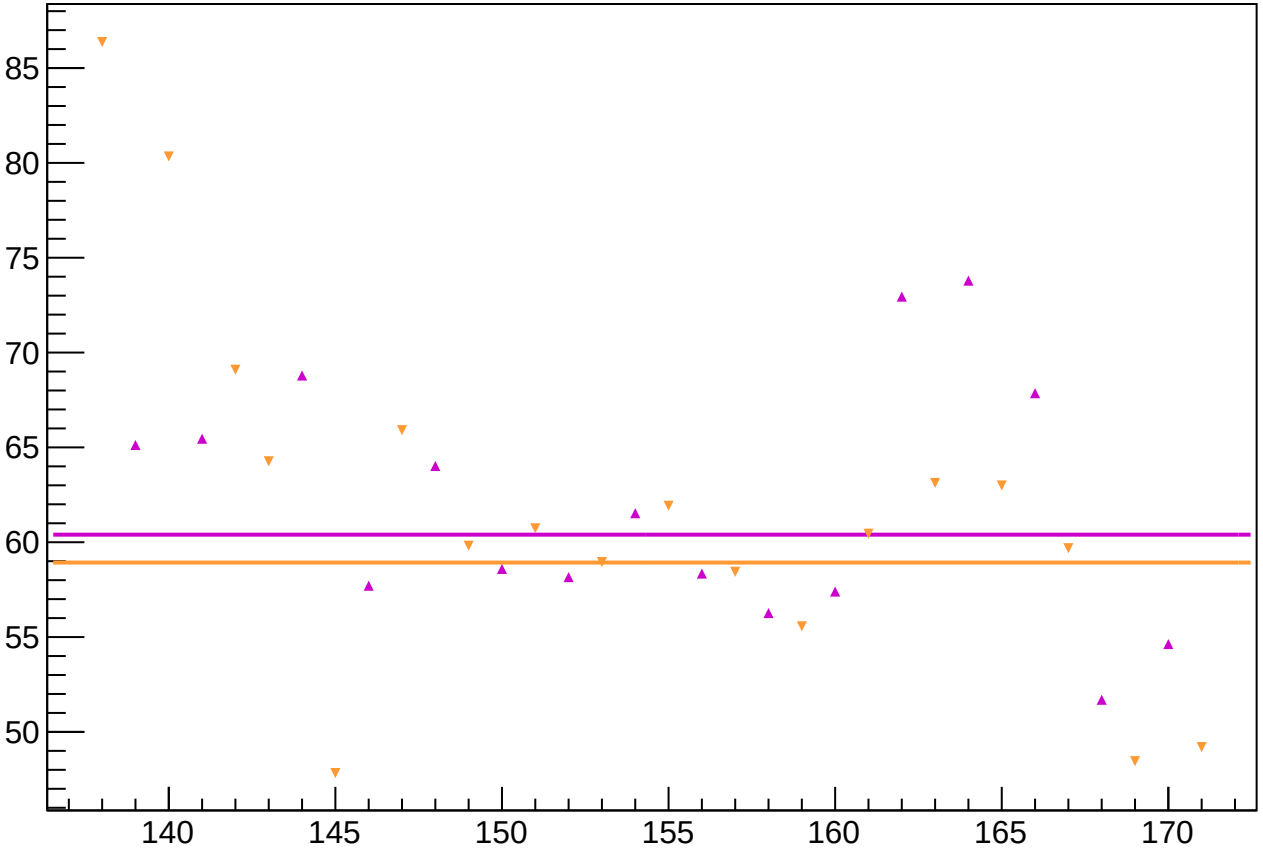
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.565+/-17.318 χ^2/NDF:13.5/15

Out: -14.502+/-16.397 χ^2/NDF:16.2/17

All: -14.059+/-11.907 χ^2/NDF: 29.6/33

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: 58.928+/-0.012 χ^2/NDF:530529.9/17

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

Left In: 60.400+/-0.012 χ^2/NDF:223710.1/15

Left: 59.624+/-0.008 χ^2/NDF: 761855.9/33

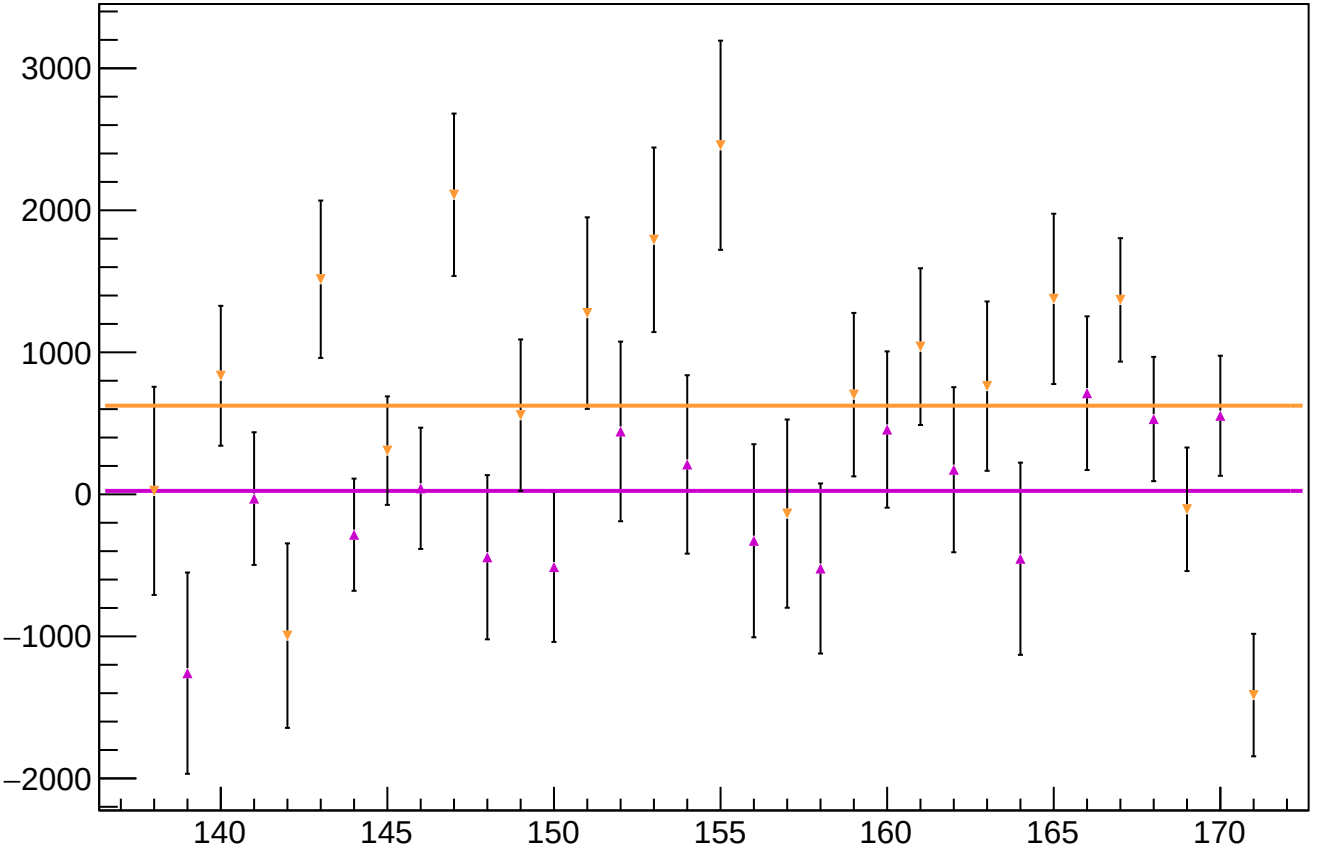
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.400+/-0.012 χ^2/NDF:223710.1/15

Out: 58.928+/-0.012 χ^2/NDF:530529.9/17

All: 59.624+/-0.008 χ^2/NDF: 761855.9/33

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: 624.489+/-127.431 χ^2/NDF:59.1/17

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

Left In: 24.435+/-131.619 χ^2/NDF:12.9/15

Left: 334.161+/-91.552 χ^2/NDF: 82.7/33

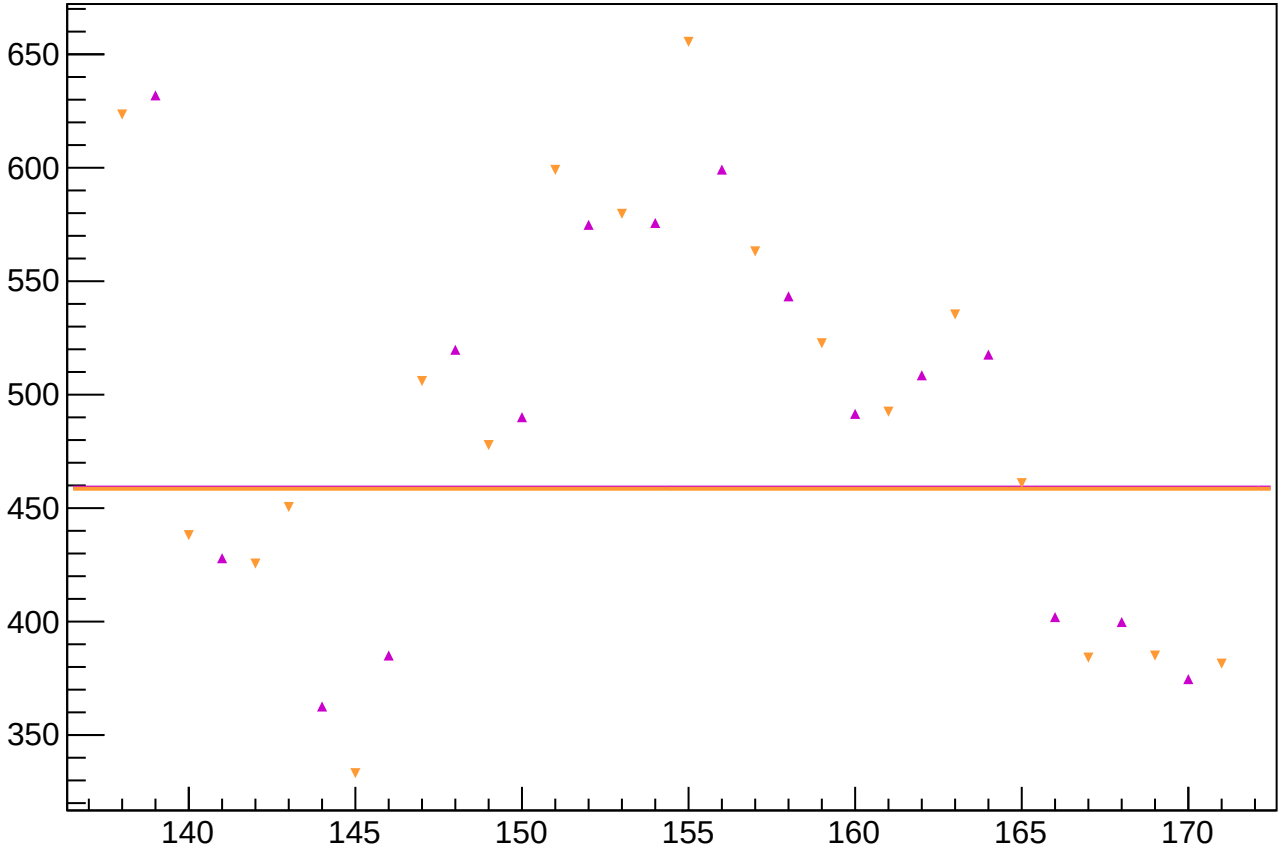
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 24.435+/-131.619 χ^2/NDF:12.9/15

Out: 624.489+/-127.431 χ^2/NDF:59.1/17

All: 334.161+/-91.552 χ^2/NDF: 82.7/33

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: 458.548+/-0.090 χ^2/NDF:936663.0/17

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

Left In: 459.047+/-0.093 χ^2/NDF:771939.7/15

Left: 458.790+/-0.065 χ^2/NDF: 1708617.6/33

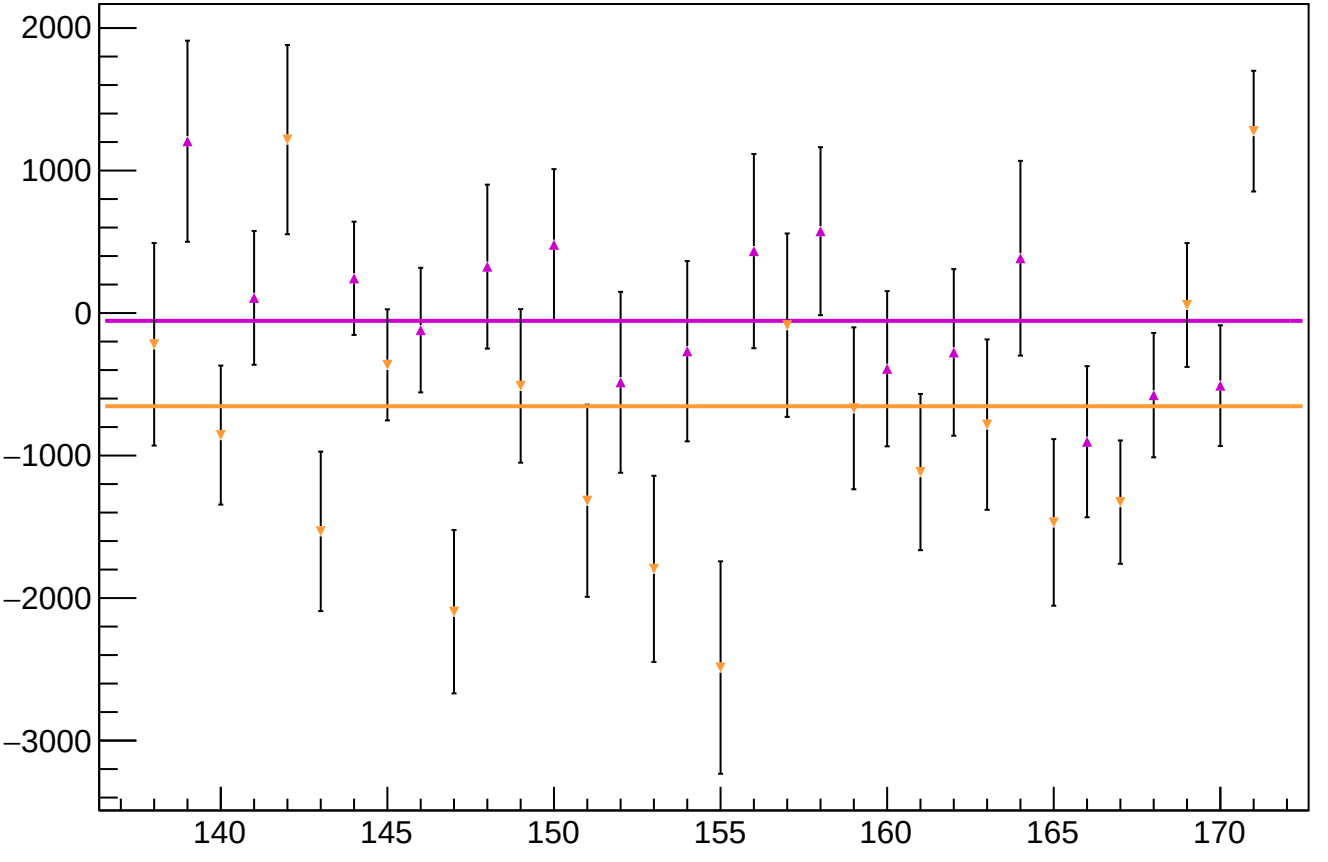
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 459.047+/-0.093 χ^2/NDF:771939.7/15

Out: 458.548+/-0.090 χ^2/NDF:936663.0/17

All: 458.790+/-0.065 χ^2/NDF: 1708617.6/33

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -653.810+/-127.183 χ^2/NDF:57.3/17

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

Left In: -54.654+/-131.855 χ^2/NDF:13.7/15

Left: -365.034+/-91.539 χ^2/NDF: 81.7/33

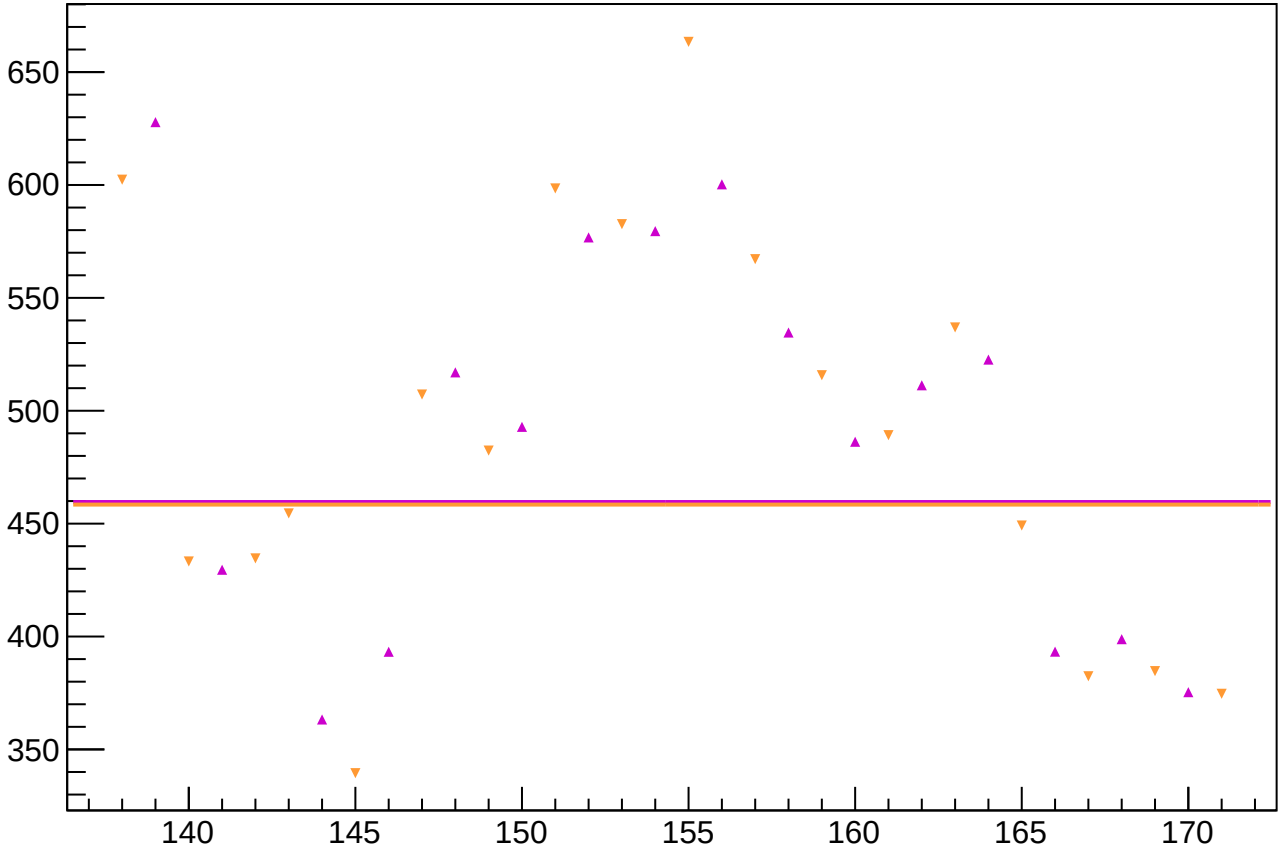
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -54.654+/-131.855 χ^2/NDF:13.7/15

Out: -653.810+/-127.183 χ^2/NDF:57.3/17

All: -365.034+/-91.539 χ^2/NDF: 81.7/33

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 458.441+/-0.090 χ^2/NDF:920657.6/17

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

Left In: 459.571+/-0.093 χ^2/NDF:757676.5/15

Left: 458.985+/-0.065 χ^2/NDF: 1678410.2/33

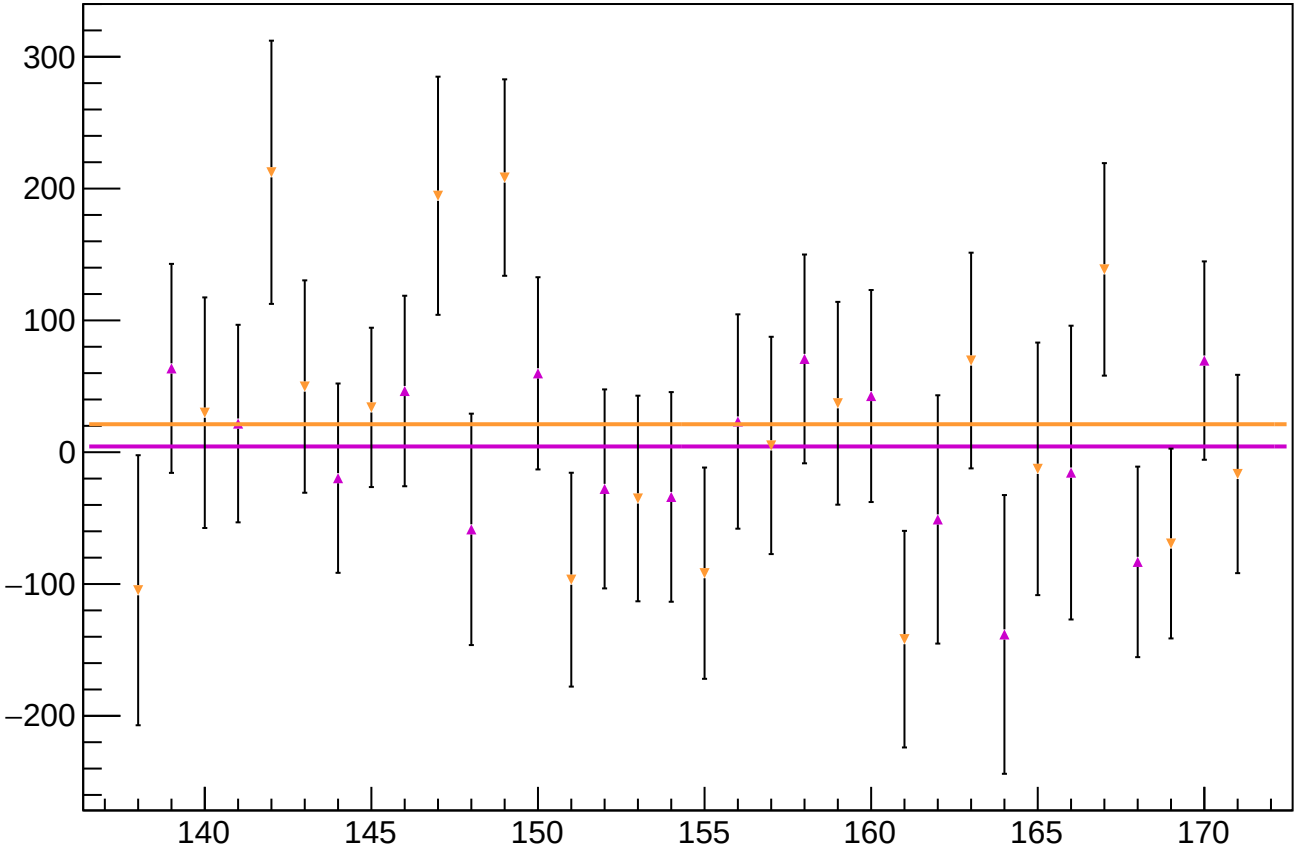
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 459.571+/-0.093 χ^2/NDF:757676.5/15

Out: 458.441+/-0.090 χ^2/NDF:920657.6/17

All: 458.985+/-0.065 χ^2/NDF: 1678410.2/33

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: 21.231+/-18.984 χ^2/NDF:28.4/17

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

Left In: 4.361+/-20.040 χ^2/NDF:8.0/15

Left: 13.252+/-13.782 χ^2/NDF: 36.8/33

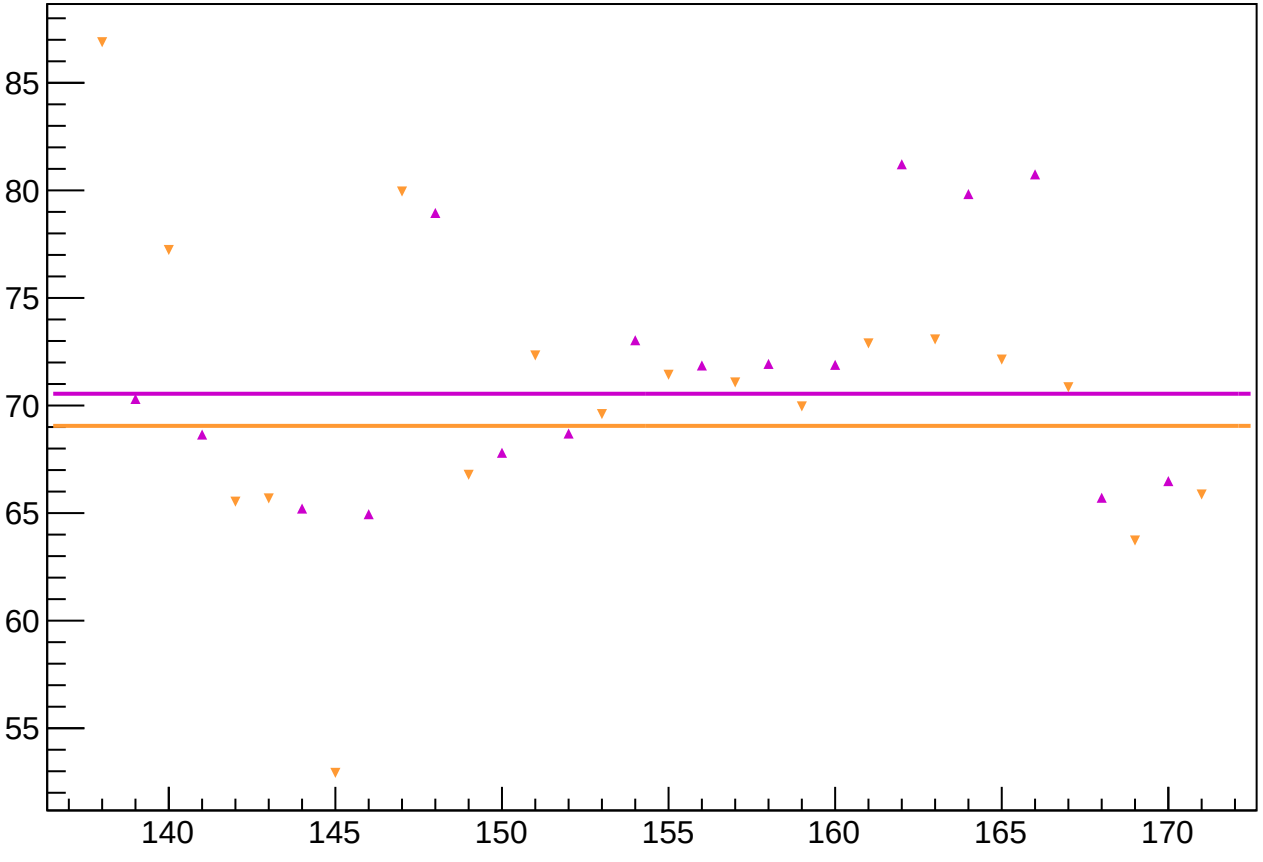
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.361+/-20.040 χ^2/NDF:8.0/15

Out: 21.231+/-18.984 χ^2/NDF:28.4/17

All: 13.252+/-13.782 χ^2/NDF: 36.8/33

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: 69.054+/-0.013 χ^2/NDF:290827.2/17

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

Left In: 70.547+/-0.014 χ^2/NDF:122943.5/15

Left: 69.760+/-0.010 χ^2/NDF: 419621.7/33

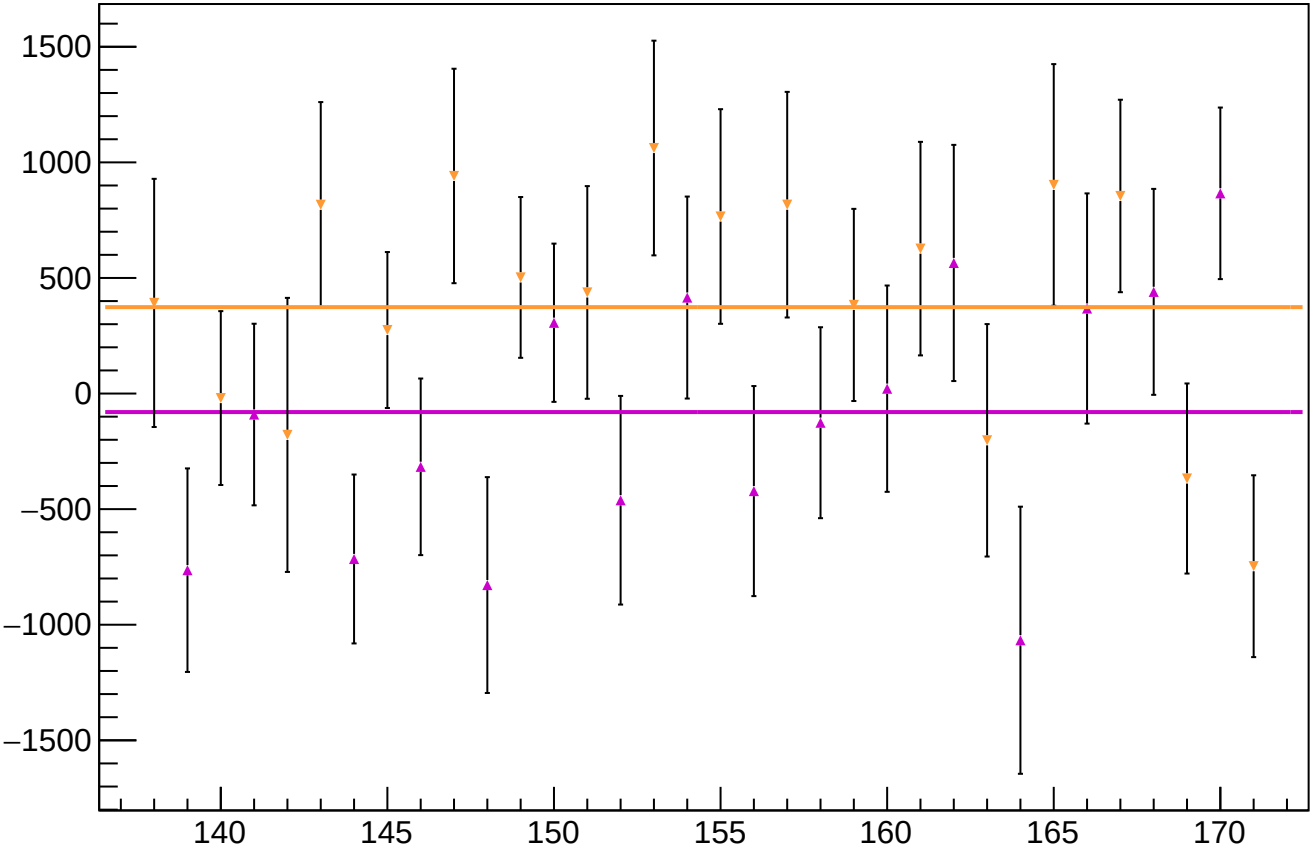
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 70.547+/-0.014 χ^2/NDF:122943.5/15

Out: 69.054+/-0.013 χ^2/NDF:290827.2/17

All: 69.760+/-0.010 χ^2/NDF: 419621.7/33

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: 373.763+/-102.811 χ^2/NDF:23.8/17

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

Left In: -80.104+/-106.506 χ^2/NDF:25.5/15

Left: 154.839+/-73.970 χ^2/NDF: 58.7/33

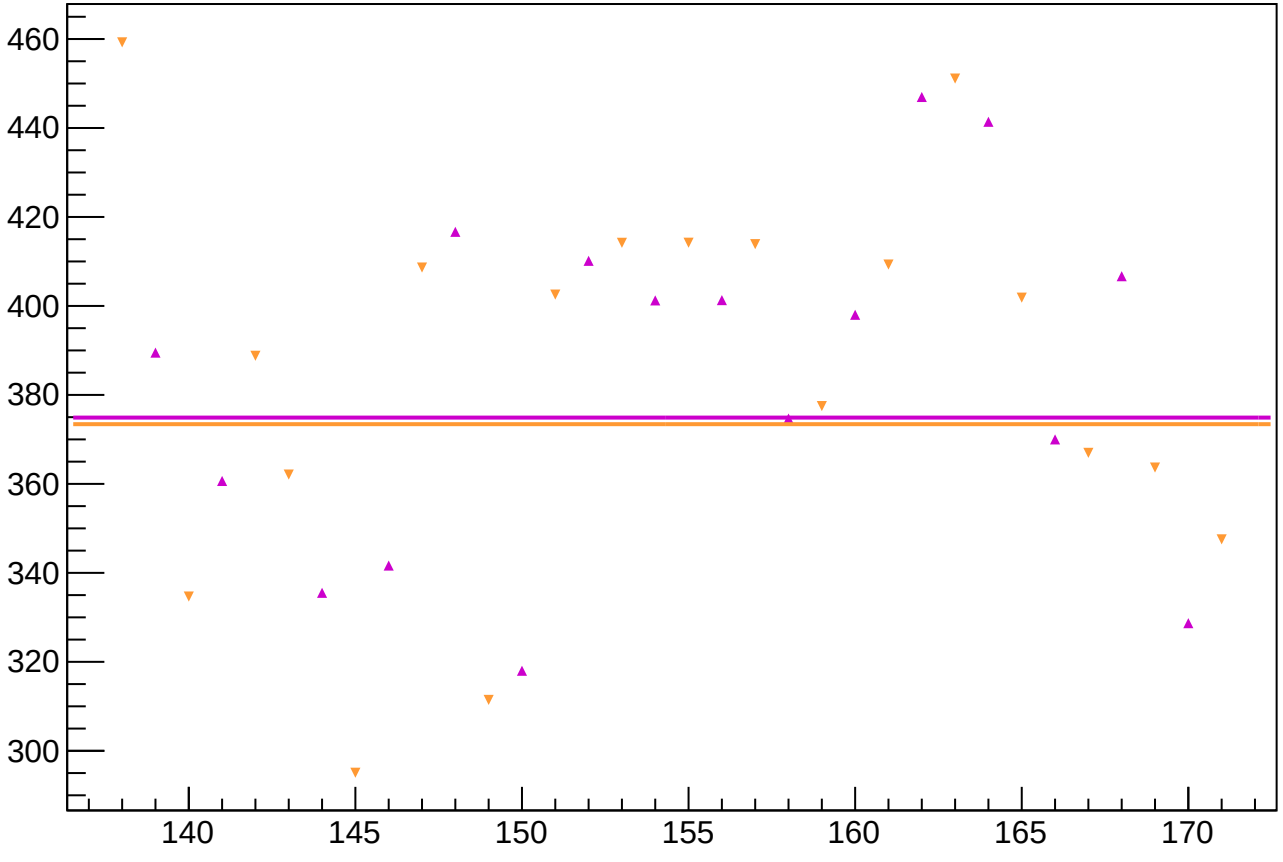
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -80.104+/-106.506 χ^2/NDF:25.5/15

Out: 373.763+/-102.811 χ^2/NDF:23.8/17

All: 154.839+/-73.970 χ^2/NDF: 58.7/33

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: 373.422+/-0.073 χ^2/NDF:386773.1/17

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

Left In: 374.902+/-0.075 χ^2/NDF:253808.3/15

Left: 374.136+/-0.052 χ^2/NDF: 640781.2/33

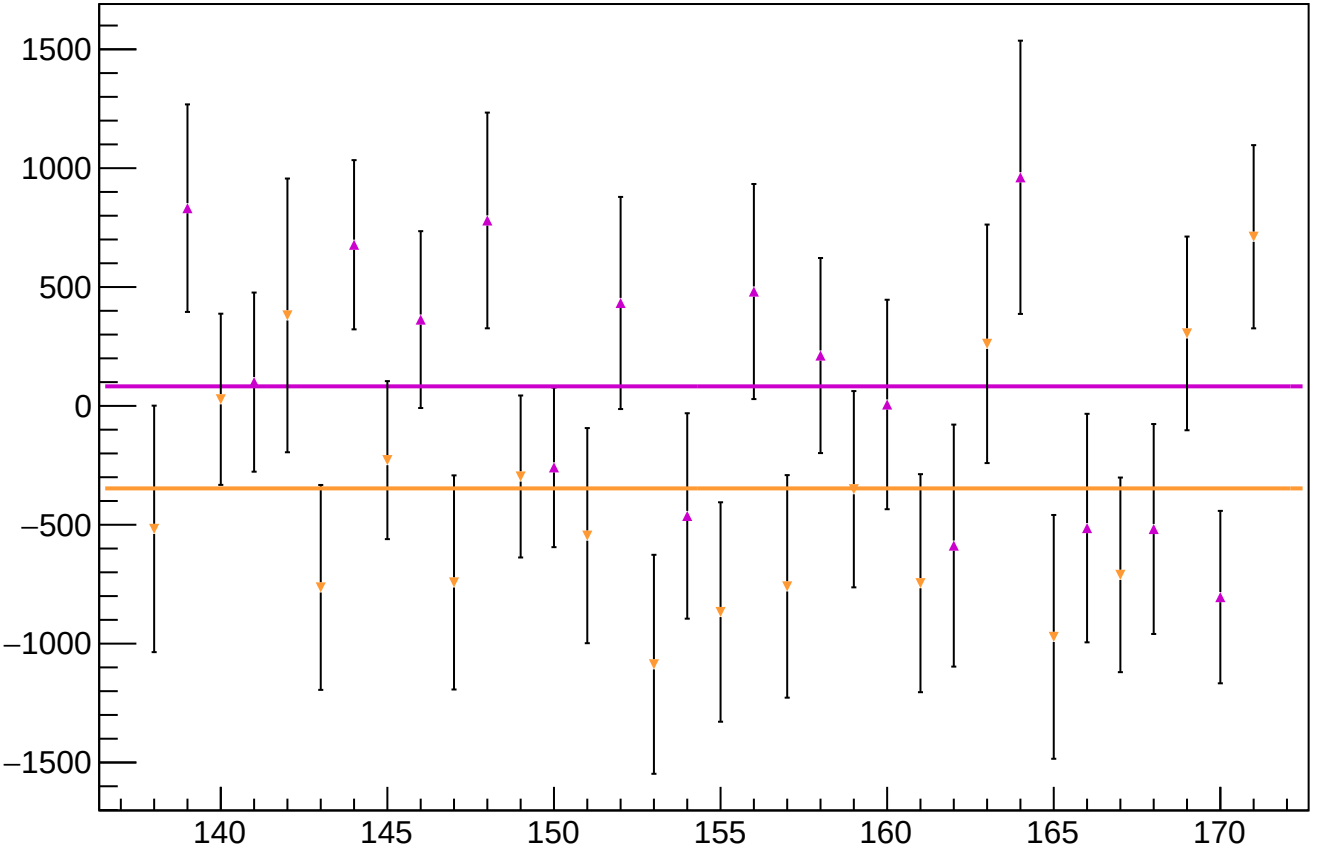
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 374.902+/-0.075 χ^2/NDF:253808.3/15

Out: 373.422+/-0.073 χ^2/NDF:386773.1/17

All: 374.136+/-0.052 χ^2/NDF: 640781.2/33

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -347.031+/-100.801 χ^2/NDF:24.1/17

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

Left In: 82.249+/-104.569 χ^2/NDF:26.3/15

Left: -140.266+/-72.573 χ^2/NDF: 59.1/33

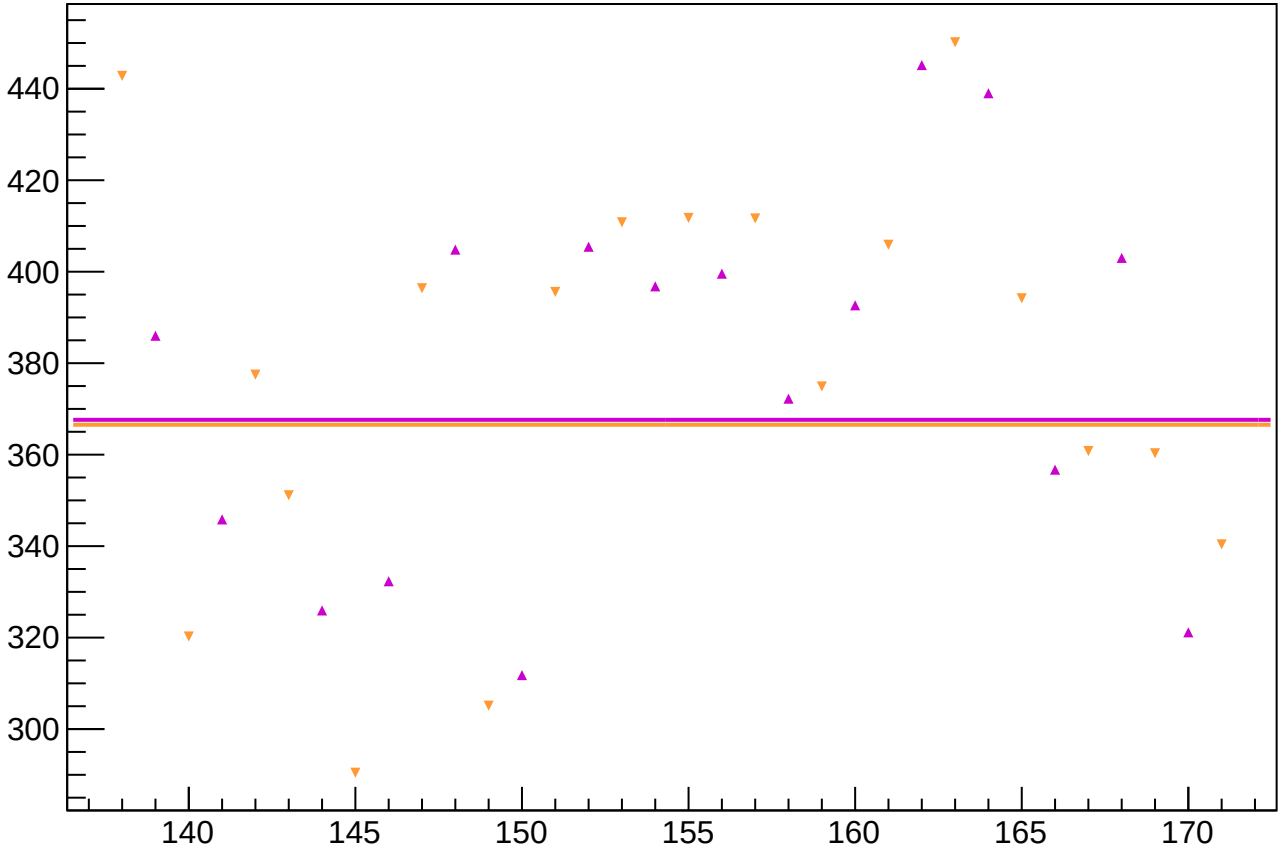
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.249+/-104.569 χ^2/NDF:26.3/15

Out: -347.031+/-100.801 χ^2/NDF:24.1/17

All: -140.266+/-72.573 χ^2/NDF: 59.1/33

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 366.540+/-0.071 χ^2/NDF:409740.5/17

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

Left In: 367.618+/-0.074 χ^2/NDF:288622.2/15

Left: 367.059+/-0.051 χ^2/NDF: 698473.0/33

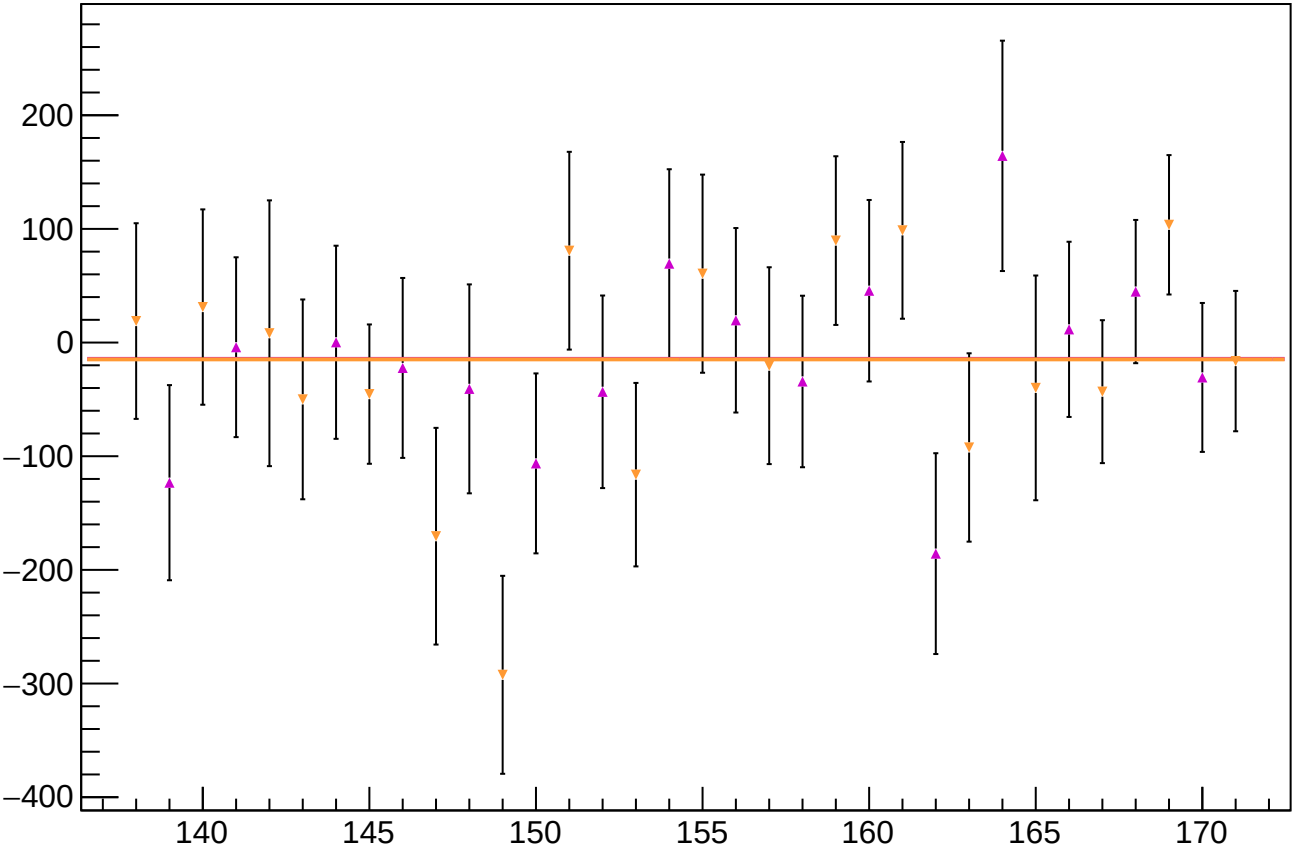
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 367.618+/-0.074 χ^2/NDF:288622.2/15

Out: 366.540+/-0.071 χ^2/NDF:409740.5/17

All: 367.059+/-0.051 χ^2/NDF: 698473.0/33

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: -14.762+/-18.545 χ^2/NDF:26.2/17

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

Left In: -14.394+/-19.926 χ^2/NDF:13.0/15

Left: -14.591+/-13.575 χ^2/NDF: 39.2/33

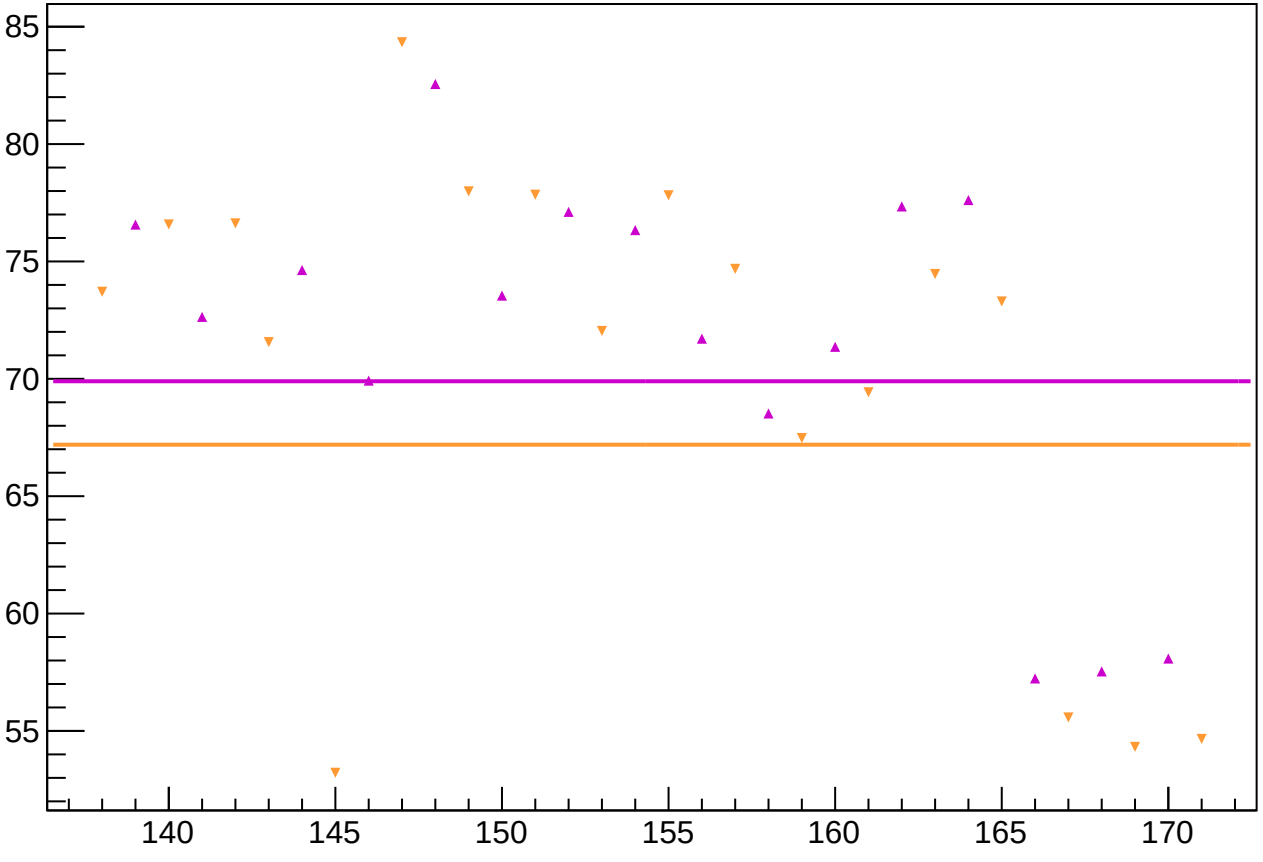
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.394+/-19.926 χ^2/NDF:13.0/15

Out: -14.762+/-18.545 χ^2/NDF:26.2/17

All: -14.591+/-13.575 χ^2/NDF: 39.2/33

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: 67.193+/-0.013 χ^2/NDF:597998.7/17

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

Left In: 69.896+/-0.014 χ^2/NDF:313506.4/15

Left: 68.448+/-0.010 χ^2/NDF: 931237.2/33

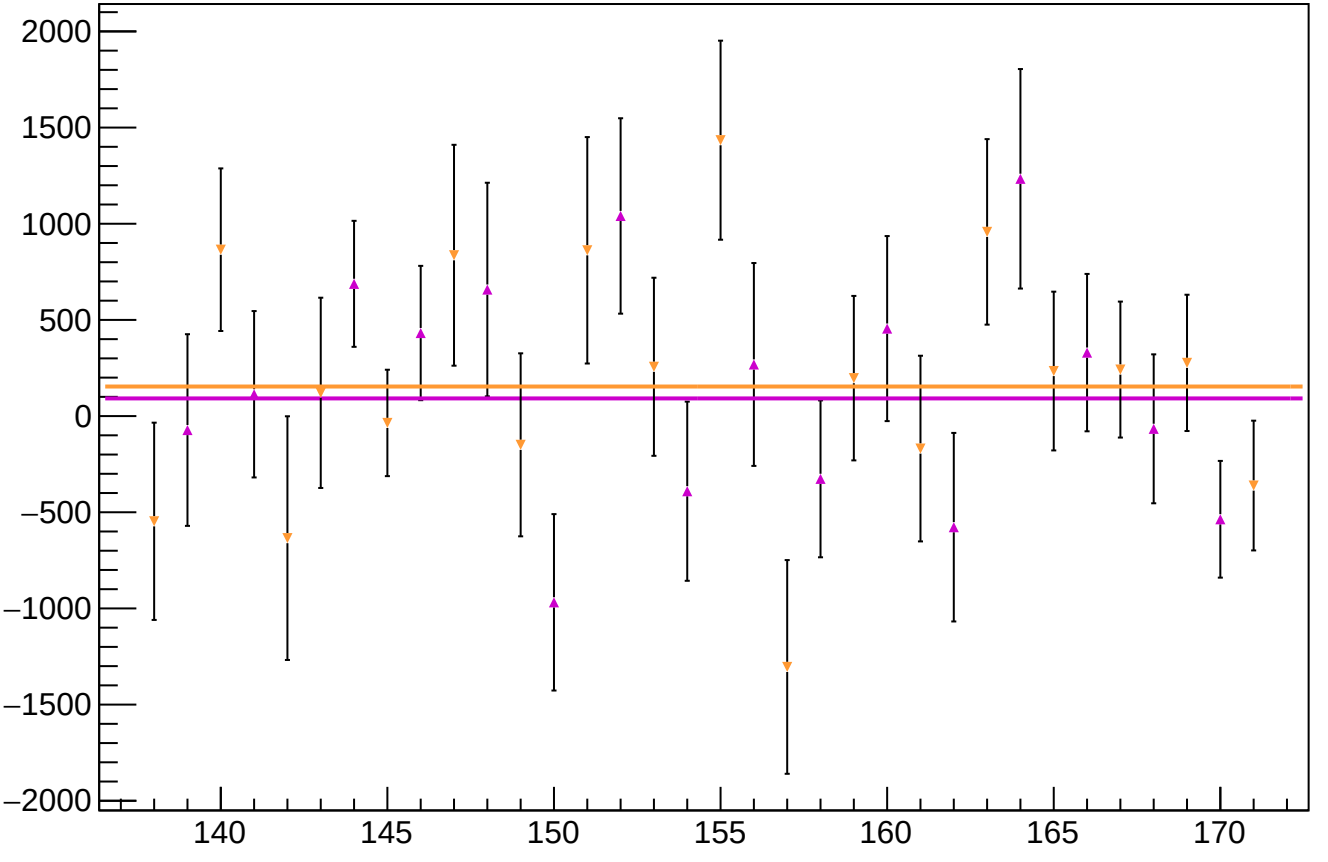
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 69.896+/-0.014 χ^2/NDF:313506.4/15

Out: 67.193+/-0.013 χ^2/NDF:597998.7/17

All: 68.448+/-0.010 χ^2/NDF: 931237.2/33

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: 153.699+/-102.207 χ^2/NDF:28.8/17

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

Left In: 91.829+/-106.572 χ^2/NDF:27.7/15

Left: 124.057+/-73.766 χ^2/NDF: 56.7/33

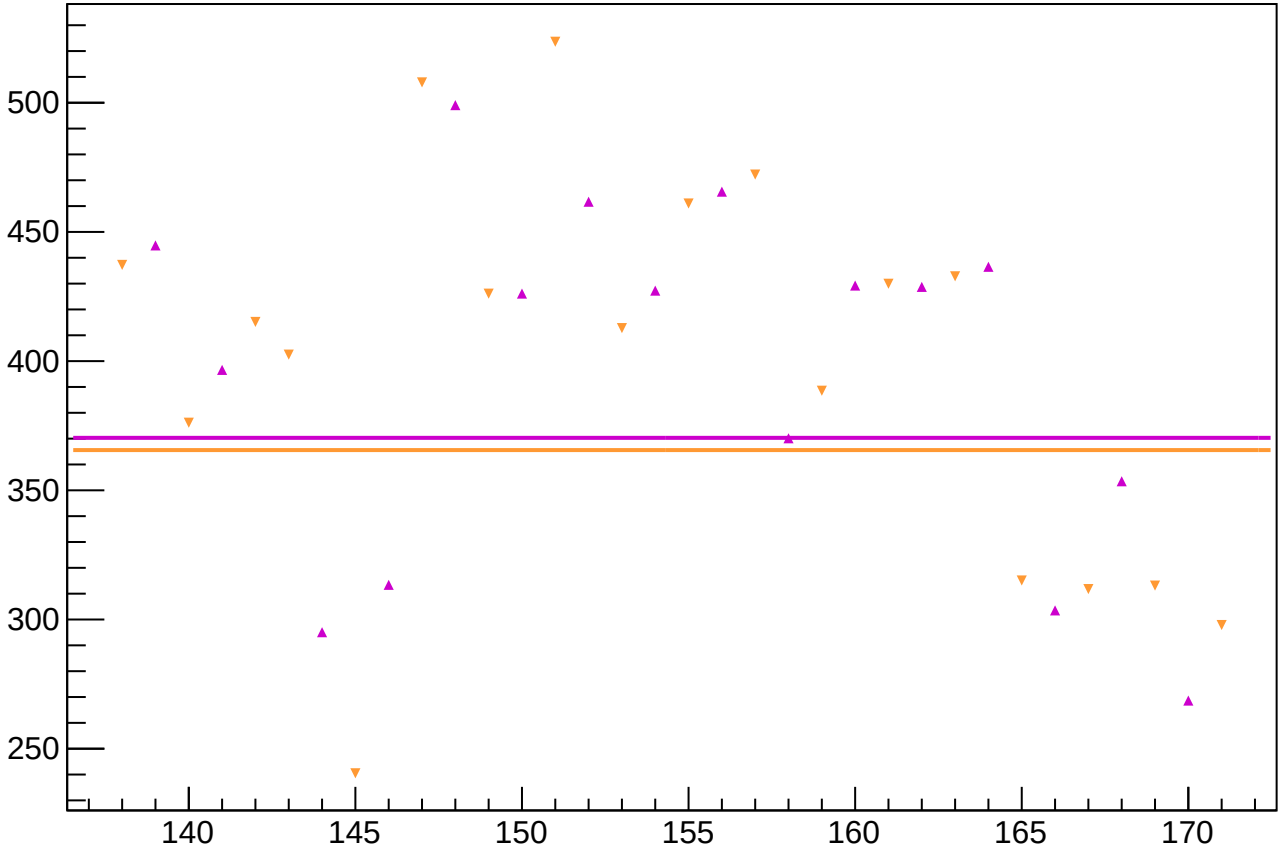
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.829+/-106.572 χ^2/NDF:27.7/15

Out: 153.699+/-102.207 χ^2/NDF:28.8/17

All: 124.057+/-73.766 χ^2/NDF: 56.7/33

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: 365.570+/-0.072 χ^2/NDF:1215640.0/17

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

Left In: 370.309+/-0.075 χ^2/NDF:874750.2/15

Left: 367.841+/-0.052 χ^2/NDF: 2092450.3/33

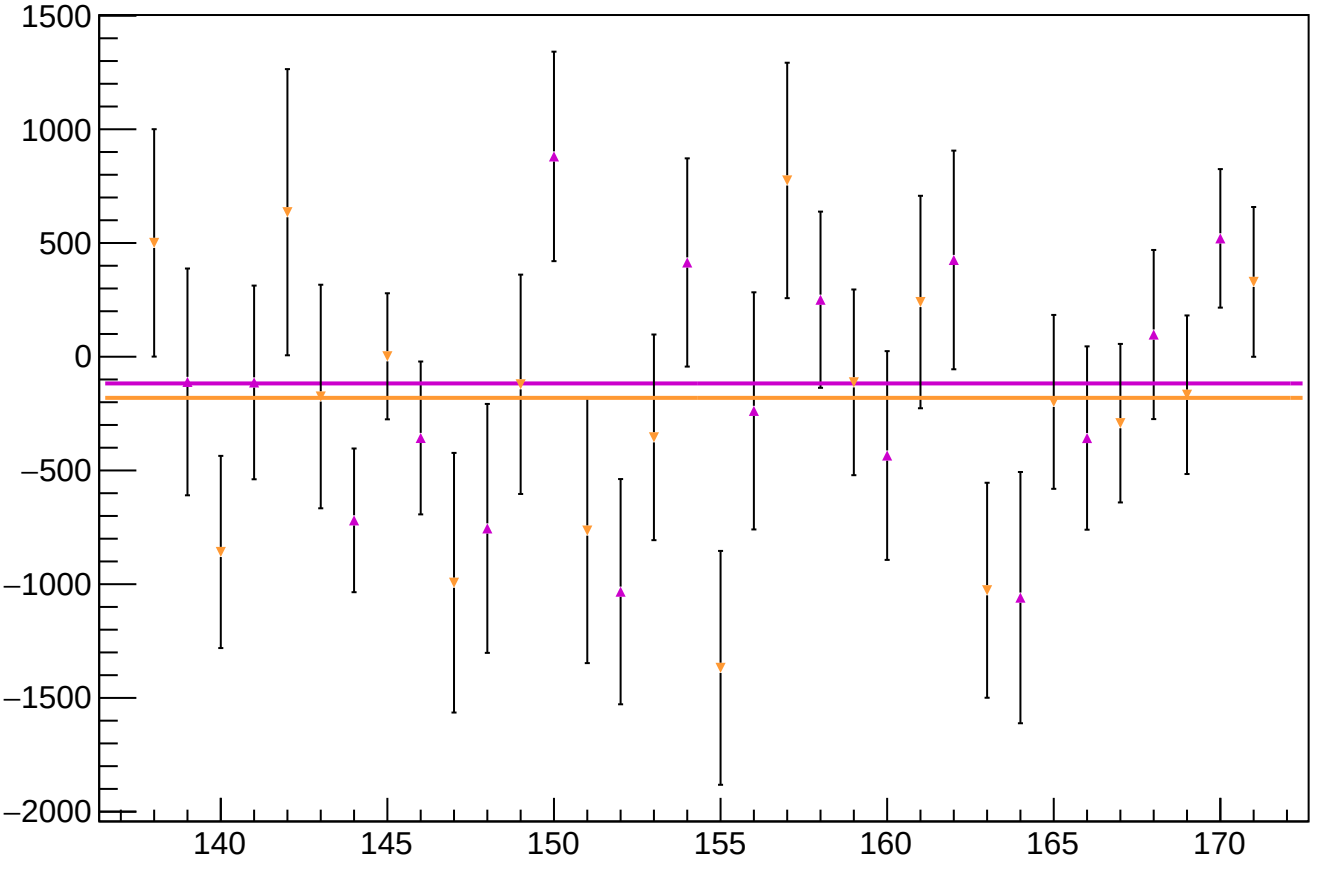
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 370.309+/-0.075 χ^2/NDF:874750.2/15

Out: 365.570+/-0.072 χ^2/NDF:1215640.0/17

All: 367.841+/-0.052 χ^2/NDF: 2092450.3/33

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -180.829+/-100.192 χ^2/NDF:25.0/17

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

Left In: -117.386+/-104.143 χ^2/NDF:25.7/15

Left: -150.334+/-72.203 χ^2/NDF: 50.9/33

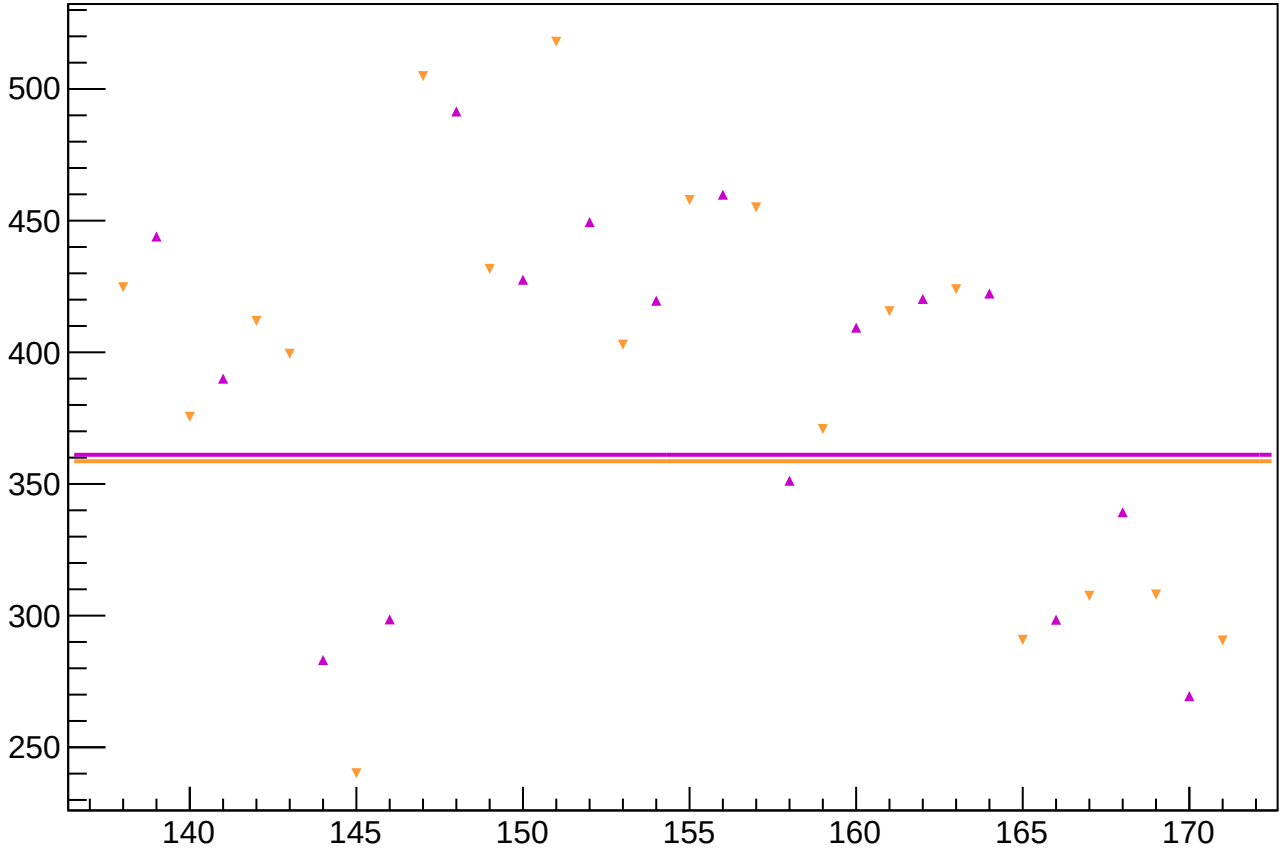
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -117.386+/-104.143 χ^2/NDF:25.7/15

Out: -180.829+/-100.192 χ^2/NDF:25.0/17

All: -150.334+/-72.203 χ^2/NDF: 50.9/33

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 358.646+/-0.071 χ^2/NDF:1225200.6/17

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

Left In: 361.090+/-0.074 χ^2/NDF:893539.3/15

Left: 359.821+/-0.051 χ^2/NDF: 2119312.2/33

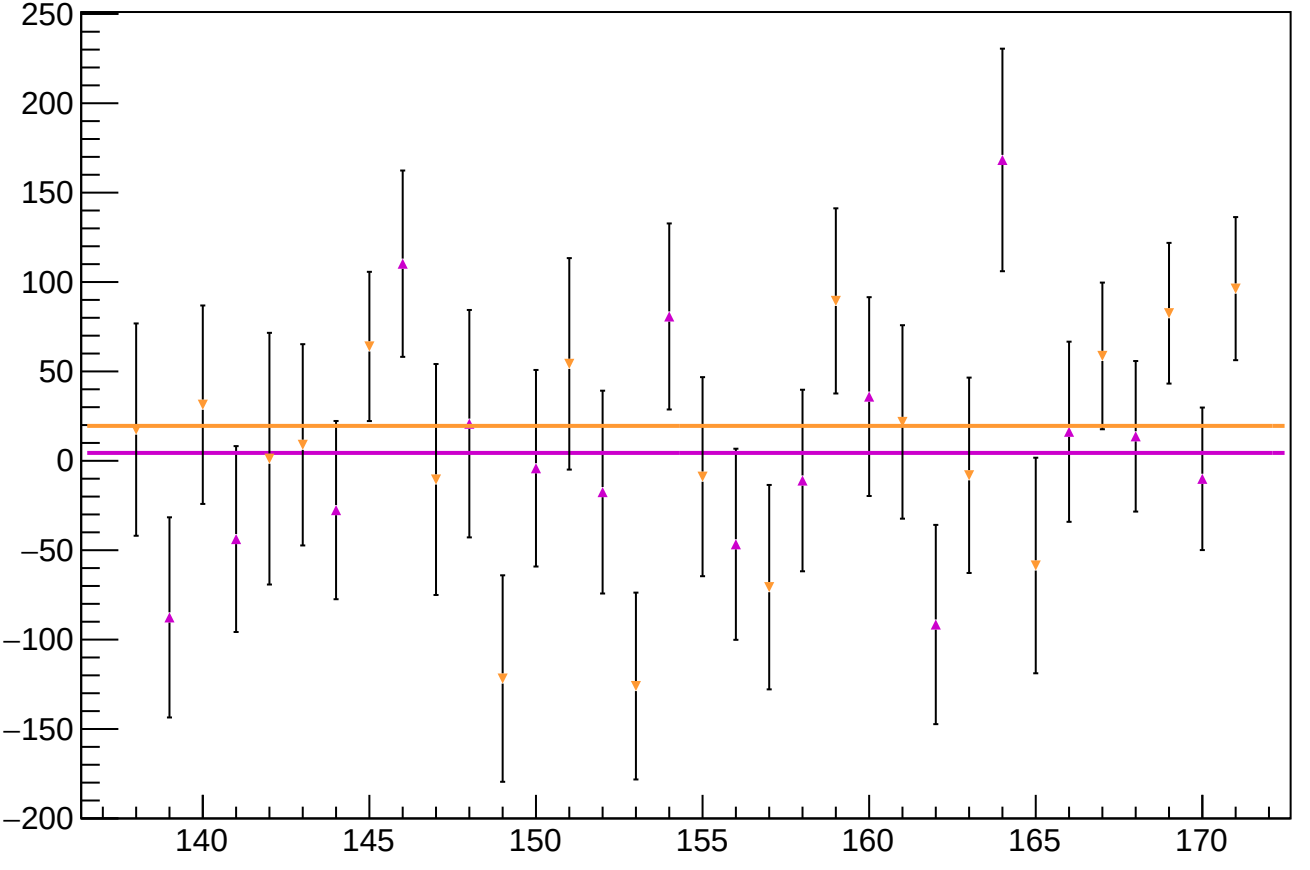
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 361.090+/-0.074 χ^2/NDF:893539.3/15

Out: 358.646+/-0.071 χ^2/NDF:1225200.6/17

All: 359.821+/-0.051 χ^2/NDF: 2119312.2/33

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: 19.537+/-12.208 χ^2/NDF:29.2/17

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

Left In: 4.418+/-12.967 χ^2/NDF:22.0/15

Left: 12.433+/-8.889 χ^2/NDF: 51.9/33

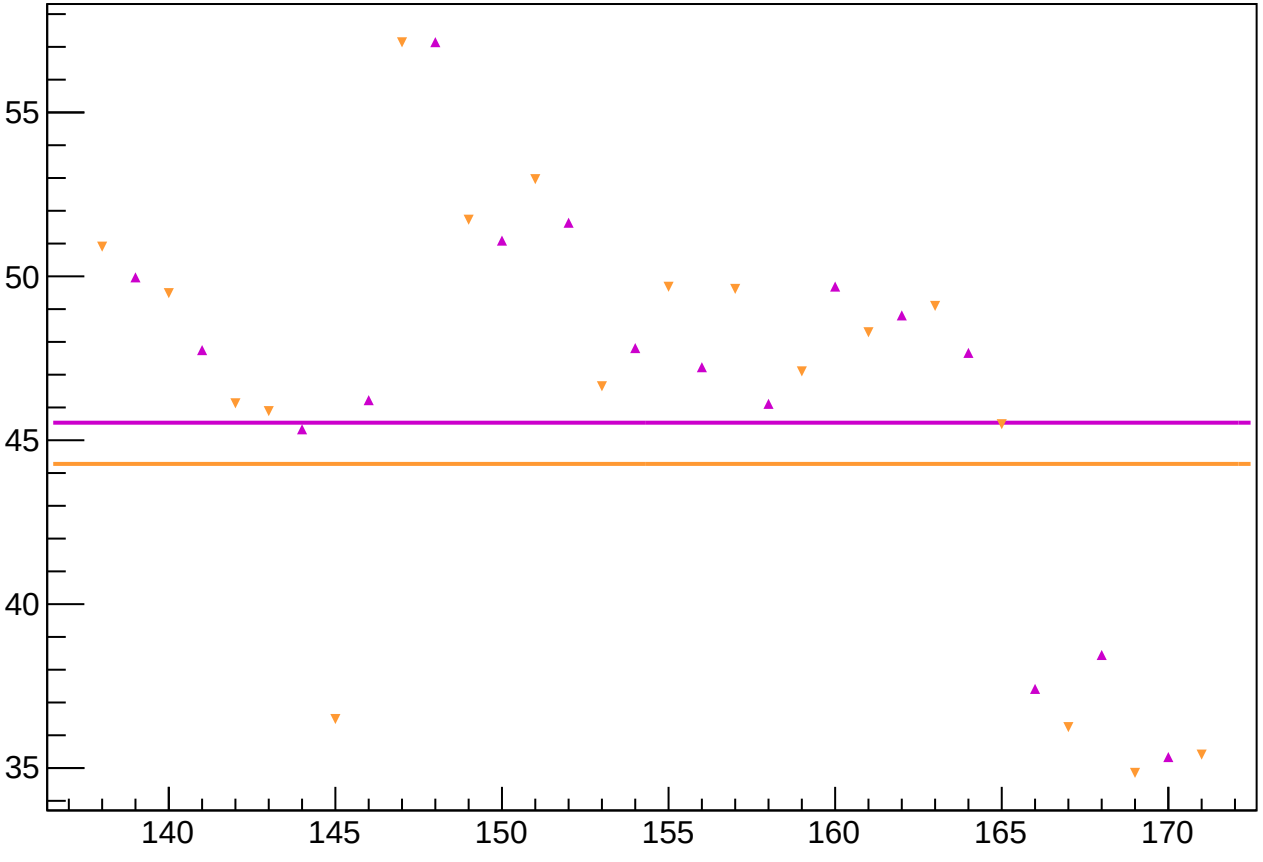
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.418+/-12.967 χ^2/NDF:22.0/15

Out: 19.537+/-12.208 χ^2/NDF:29.2/17

All: 12.433+/-8.889 χ^2/NDF: 51.9/33

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: 44.278+/-0.009 χ^2/NDF:634143.4/17

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

Left In: 45.535+/-0.009 χ^2/NDF:392801.6/15

Left: 44.869+/-0.006 χ^2/NDF: 1036911.2/33

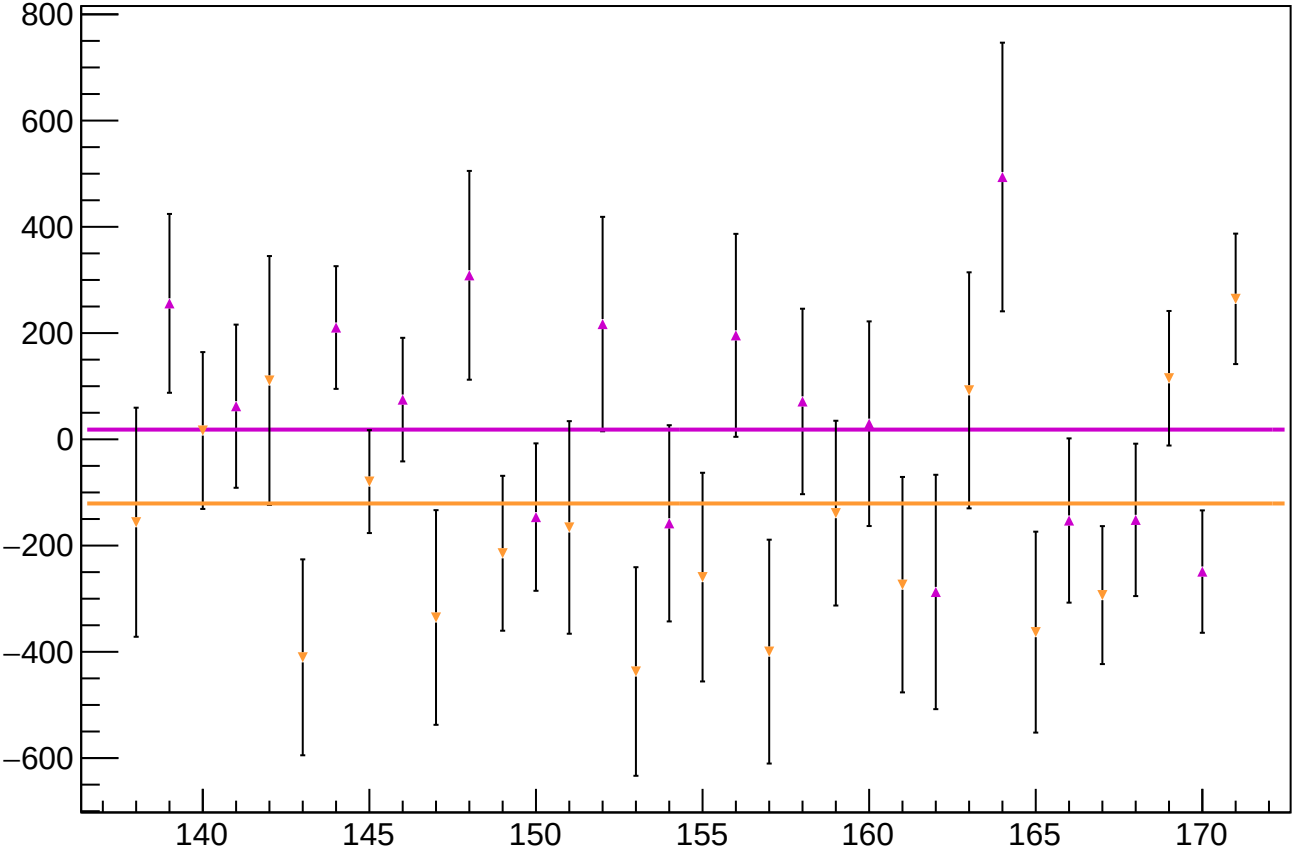
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 45.535+/-0.009 χ^2/NDF:392801.6/15

Out: 44.278+/-0.009 χ^2/NDF:634143.4/17

All: 44.869+/-0.006 χ^2/NDF: 1036911.2/33

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: -120.752+/-38.179 χ^2/NDF:29.2/17

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

Left In: 18.316+/-39.301 χ^2/NDF:25.0/15

Left: -53.231+/-27.385 χ^2/NDF: 60.6/33

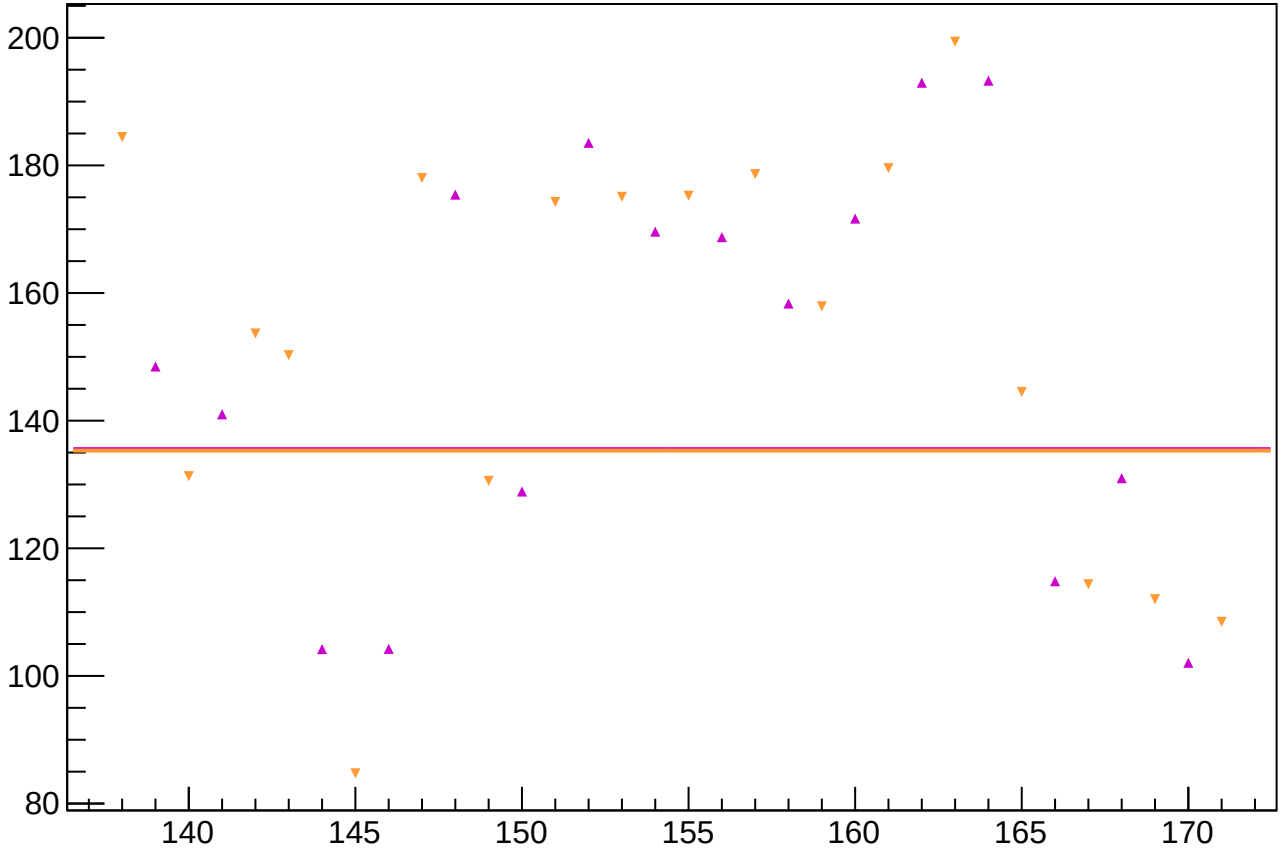
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.316+/-39.301 χ^2/NDF:25.0/15

Out: -120.752+/-38.179 χ^2/NDF:29.2/17

All: -53.231+/-27.385 χ^2/NDF: 60.6/33

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: 135.314+/-0.027 χ^2/NDF:1607751.4/17

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

Left In: 135.537+/-0.028 χ^2/NDF:1186143.9/15

Left: 135.422+/-0.019 χ^2/NDF: 2793928.7/33

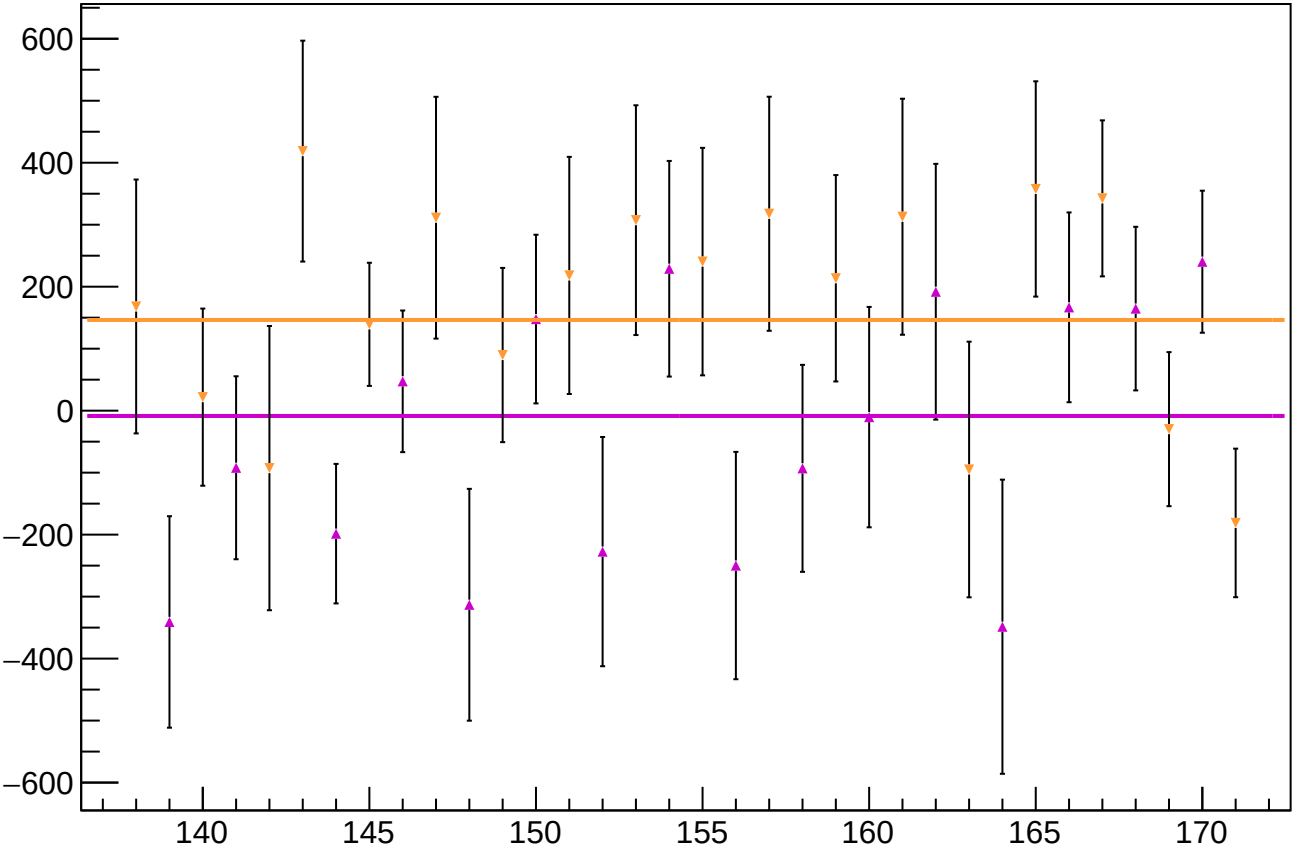
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 135.537+/-0.028 χ^2/NDF:1186143.9/15

Out: 135.314+/-0.027 χ^2/NDF:1607751.4/17

All: 135.422+/-0.019 χ^2/NDF: 2793928.7/33

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 146.330+/-36.919 χ^2/NDF:22.7/17

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

Left In: -8.550+/-37.919 χ^2/NDF:27.2/15

Left: 70.959+/-26.452 χ^2/NDF: 58.5/33

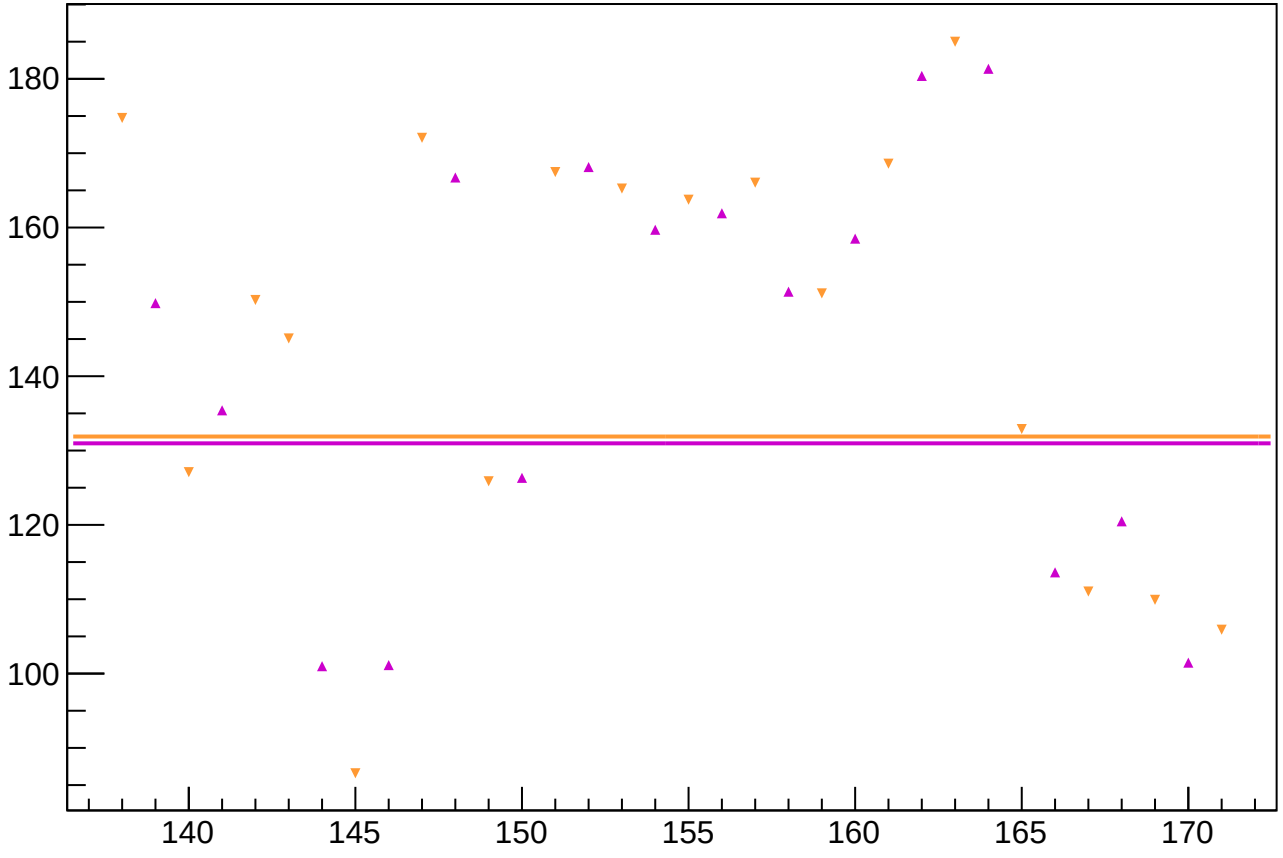
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.550+/-37.919 χ^2/NDF:27.2/15

Out: 146.330+/-36.919 χ^2/NDF:22.7/17

All: 70.959+/-26.452 χ^2/NDF: 58.5/33

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 131.886+/-0.026 χ^2/NDF:1323041.6/17

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

Left In: 130.970+/-0.027 χ^2/NDF:1026013.9/15

Left: 131.440+/-0.019 χ^2/NDF: 2349655.1/33

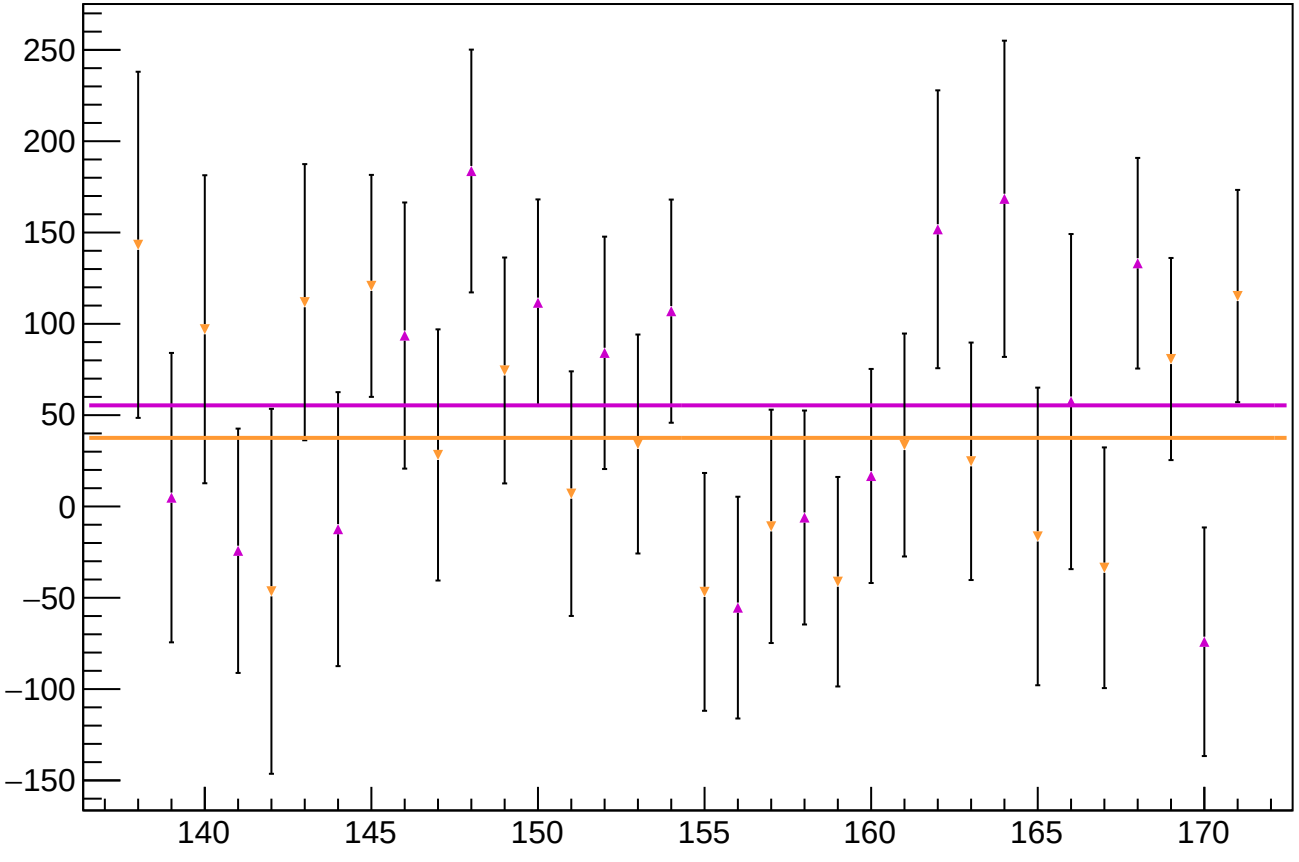
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 130.970+/-0.027 χ^2/NDF:1026013.9/15

Out: 131.886+/-0.026 χ^2/NDF:1323041.6/17

All: 131.440+/-0.019 χ^2/NDF: 2349655.1/33

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 37.555+/-15.684 χ^2/NDF:14.1/17

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

Left In: 55.362+/-16.581 χ^2/NDF:22.8/15

Left: 45.964+/-11.394 χ^2/NDF: 37.5/33

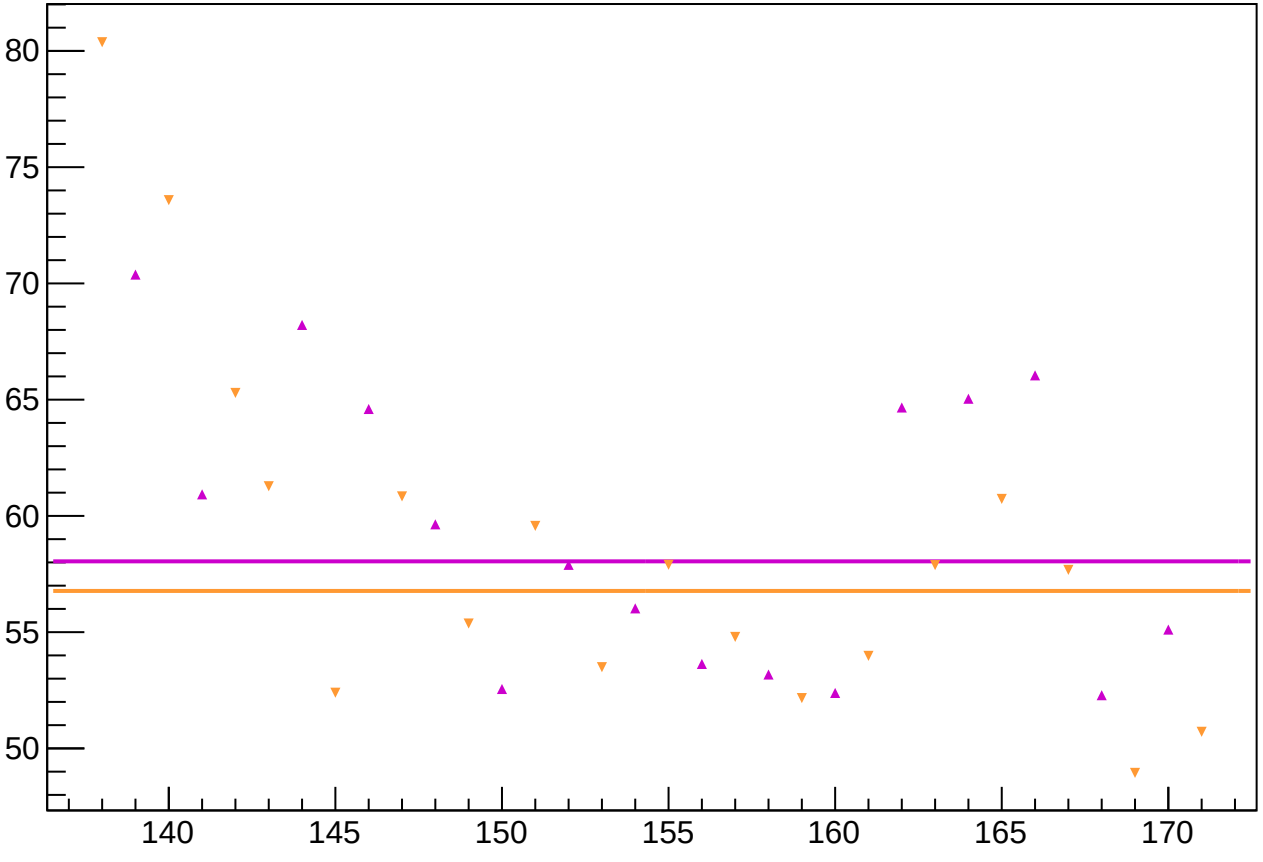
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 55.362+/-16.581 χ^2/NDF:22.8/15

Out: 37.555+/-15.684 χ^2/NDF:14.1/17

All: 45.964+/-11.394 χ^2/NDF: 37.5/33

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 56.773+/-0.011 χ^2/NDF:340014.6/17

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

Left In: 58.046+/-0.012 χ^2/NDF:238039.9/15

Left: 57.374+/-0.008 χ^2/NDF: 584273.9/33

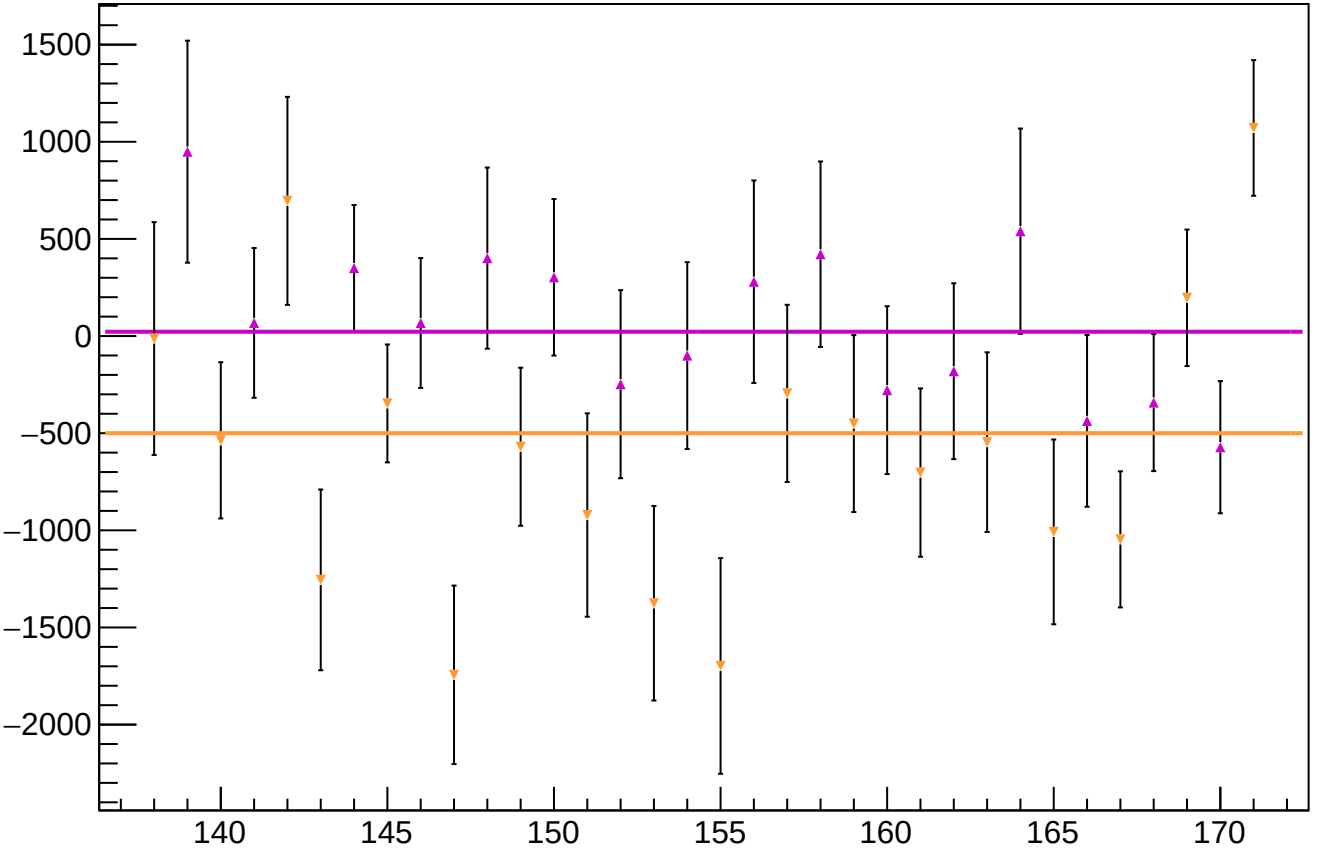
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.046+/-0.012 χ^2/NDF:238039.9/15

Out: 56.773+/-0.011 χ^2/NDF:340014.6/17

All: 57.374+/-0.008 χ^2/NDF: 584273.9/33

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -499.963+/-100.954 χ^2/NDF:52.5/17

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

Left In: 22.192+/-104.668 χ^2/NDF:13.0/15

Left: -248.313+/-72.663 χ^2/NDF: 78.4/33

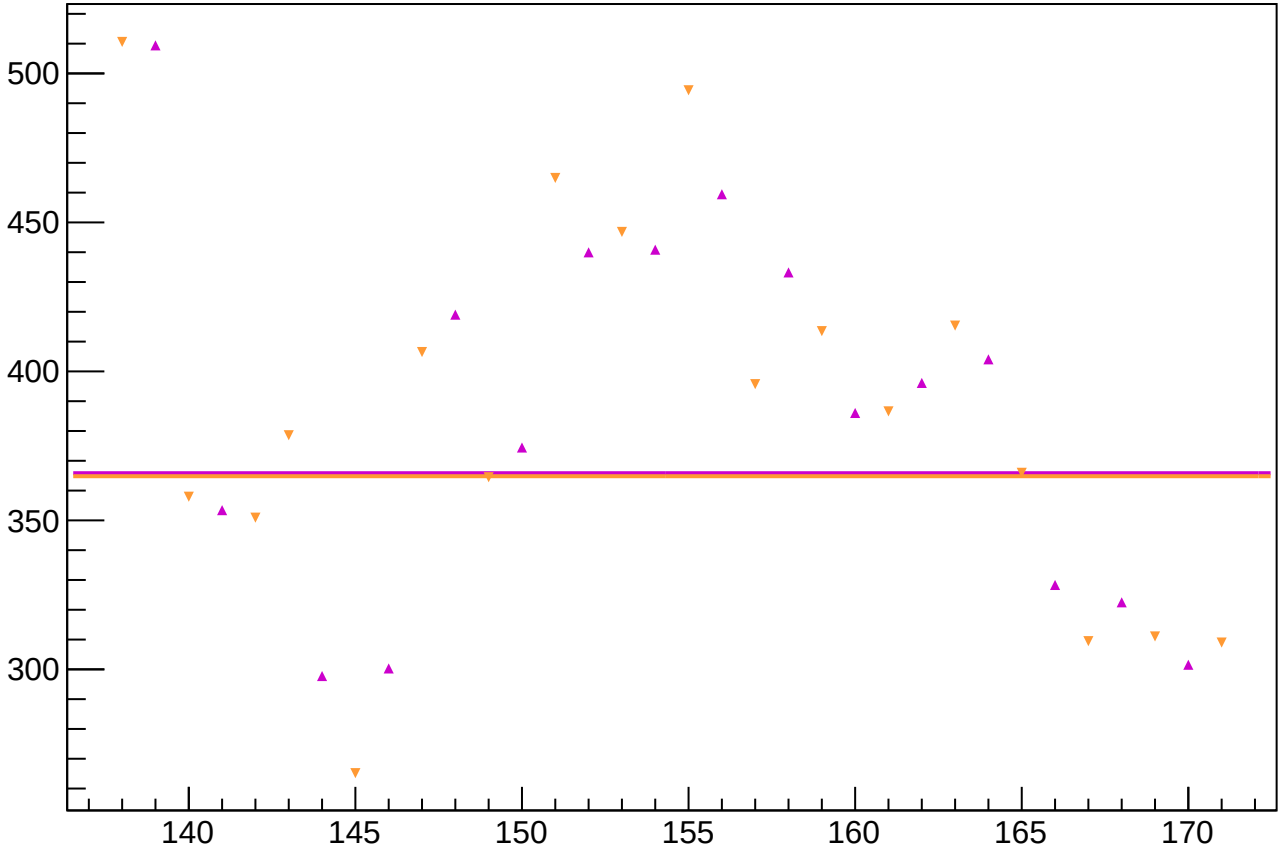
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 22.192+/-104.668 χ^2/NDF:13.0/15

Out: -499.963+/-100.954 χ^2/NDF:52.5/17

All: -248.313+/-72.663 χ^2/NDF: 78.4/33

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 364.821+/-0.071 χ^2/NDF:798809.5/17

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

Left In: 365.831+/-0.074 χ^2/NDF:660007.2/15

Left: 365.308+/-0.051 χ^2/NDF: 1458913.3/33

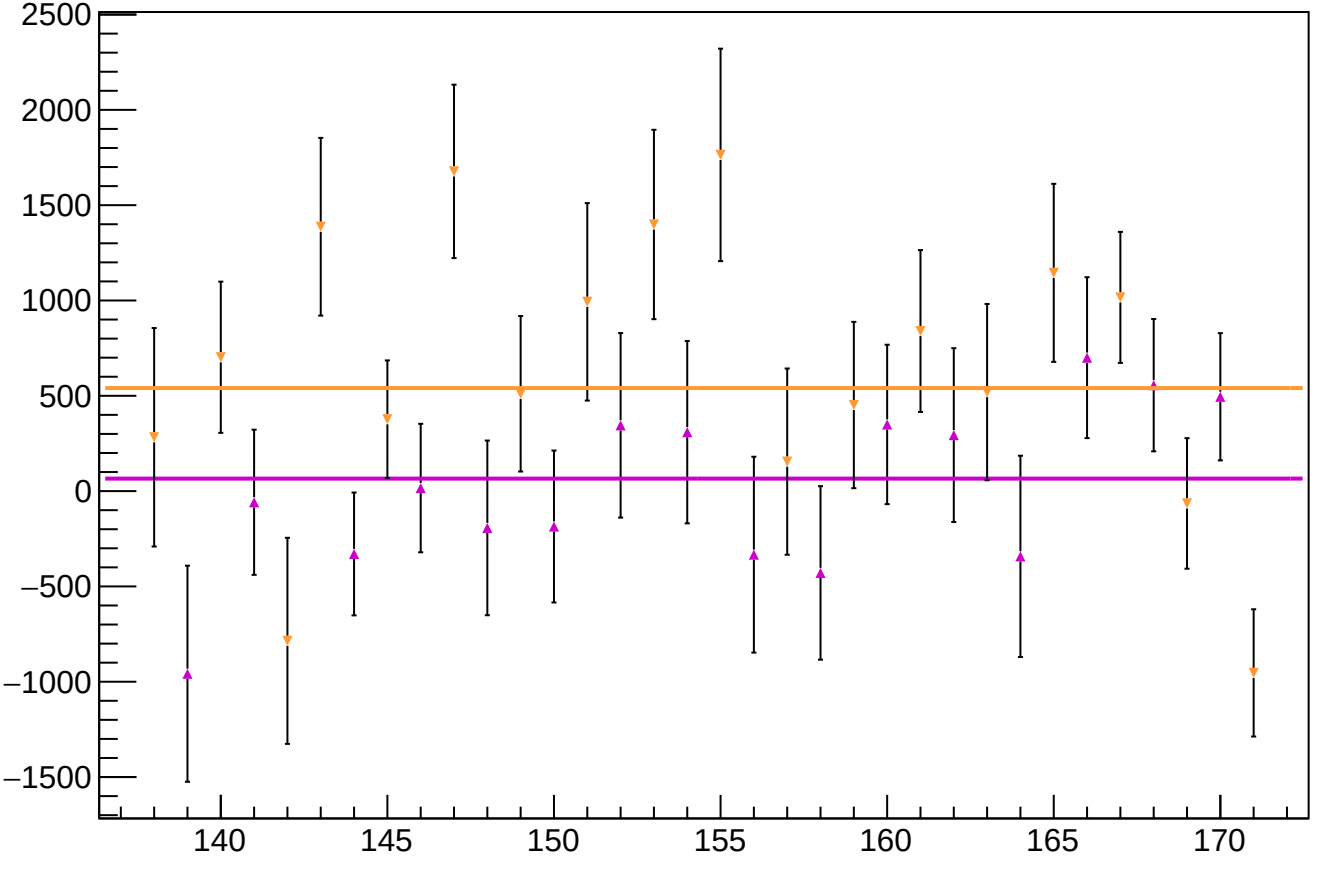
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 365.831+/-0.074 χ^2/NDF:660007.2/15

Out: 364.821+/-0.071 χ^2/NDF:798809.5/17

All: 365.308+/-0.051 χ^2/NDF: 1458913.3/33

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 540.572+/-100.000 χ^2/NDF:52.7/17

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

Left In: 65.594+/-103.260 χ^2/NDF:15.2/15

Left: 310.699+/-71.836 χ^2/NDF: 78.8/33

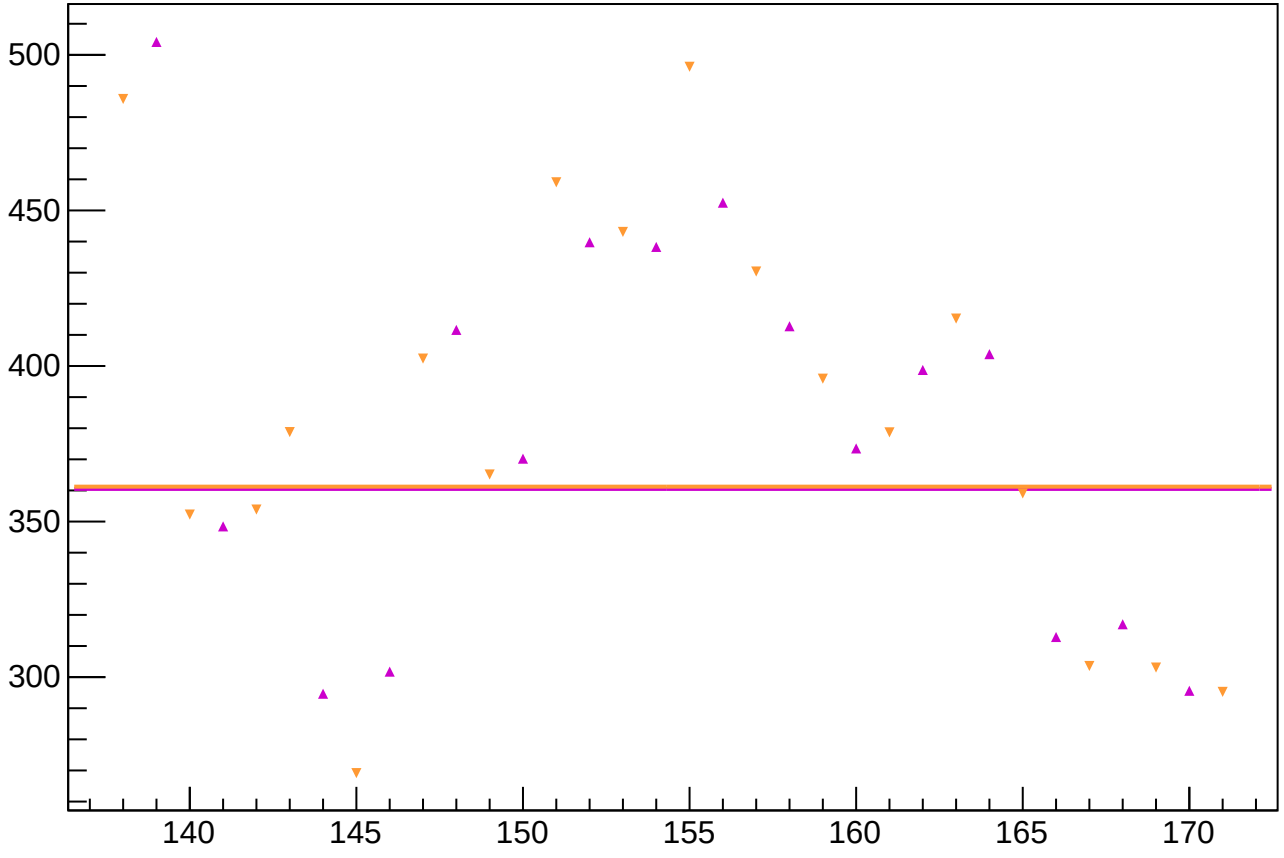
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.594+/-103.260 χ^2/NDF:15.2/15

Out: 540.572+/-100.000 χ^2/NDF:52.7/17

All: 310.699+/-71.836 χ^2/NDF: 78.8/33

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 361.221+/-0.071 χ^2/NDF:811847.3/17

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

Left In: 360.494+/-0.073 χ^2/NDF:659919.1/15

Left: 360.869+/-0.051 χ^2/NDF: 1471817.5/33

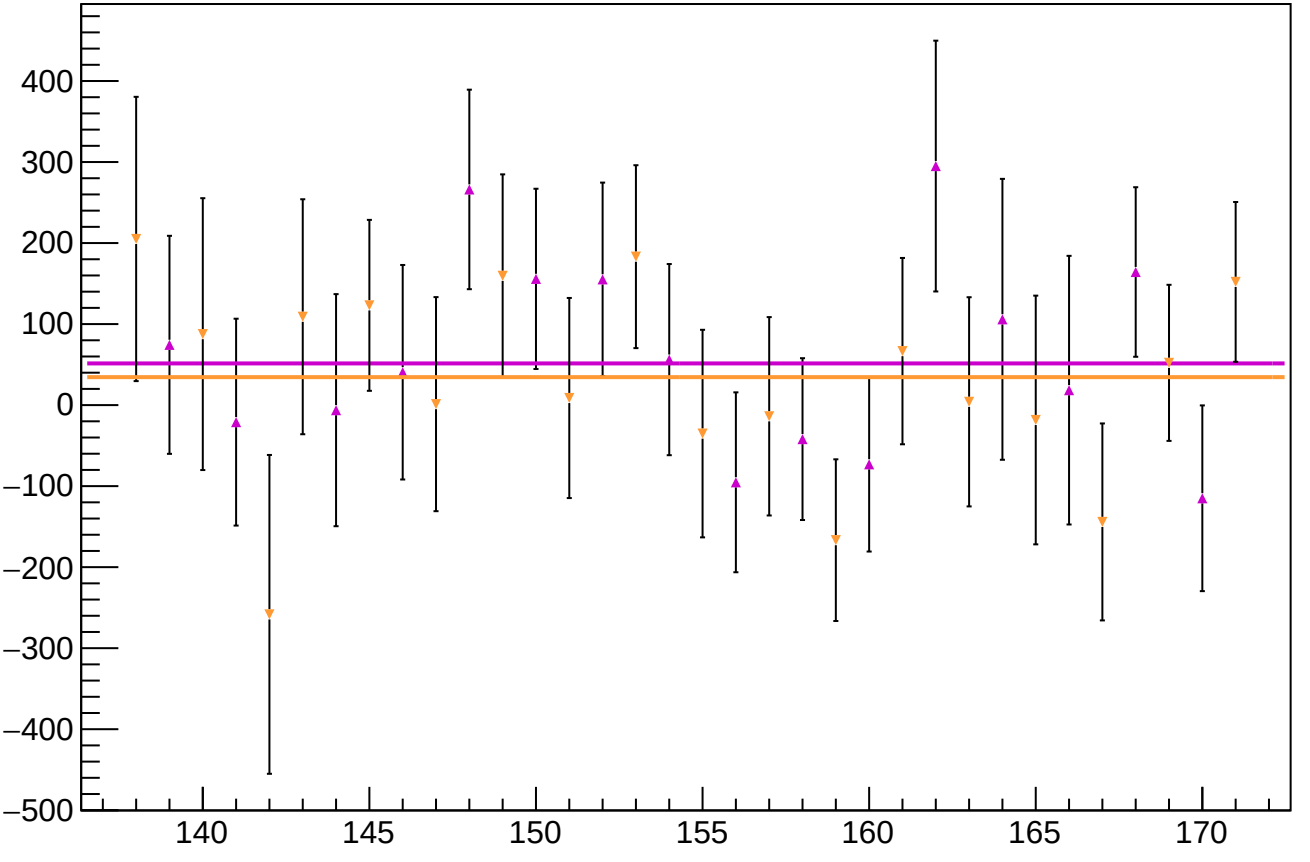
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 360.494+/-0.073 χ^2/NDF:659919.1/15

Out: 361.221+/-0.071 χ^2/NDF:811847.3/17

All: 360.869+/-0.051 χ^2/NDF: 1471817.5/33

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 34.502+/-29.099 χ^2/NDF:15.5/17

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

Left In: 51.452+/-30.748 χ^2/NDF:15.0/15

Left: 42.510+/-21.135 χ^2/NDF: 30.7/33

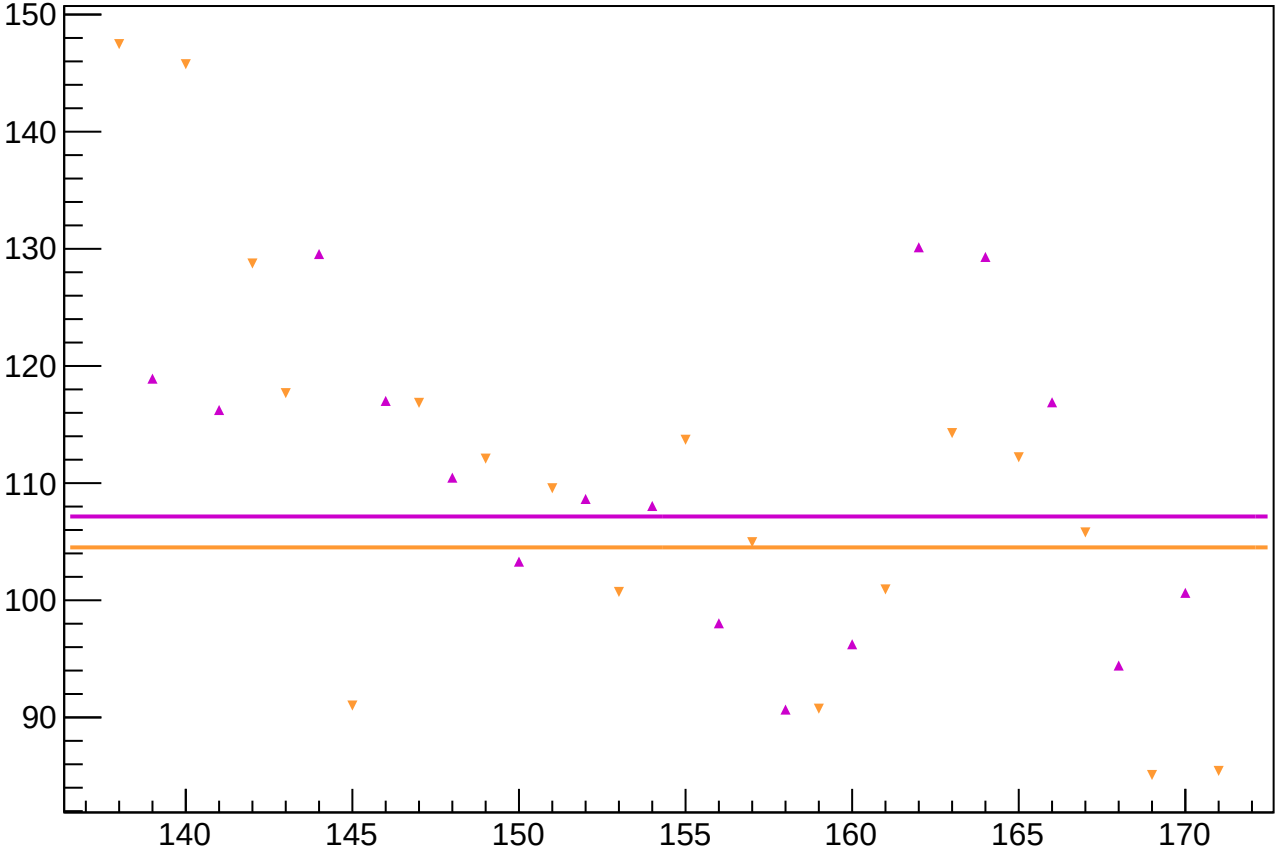
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 51.452+/-30.748 χ^2/NDF:15.0/15

Out: 34.502+/-29.099 χ^2/NDF:15.5/17

All: 42.510+/-21.135 χ^2/NDF: 30.7/33

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 104.514+/-0.021 χ^2/NDF:574065.5/17

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

Left In: 107.153+/-0.022 χ^2/NDF:297982.4/15

Left: 105.761+/-0.015 χ^2/NDF: 879816.5/33

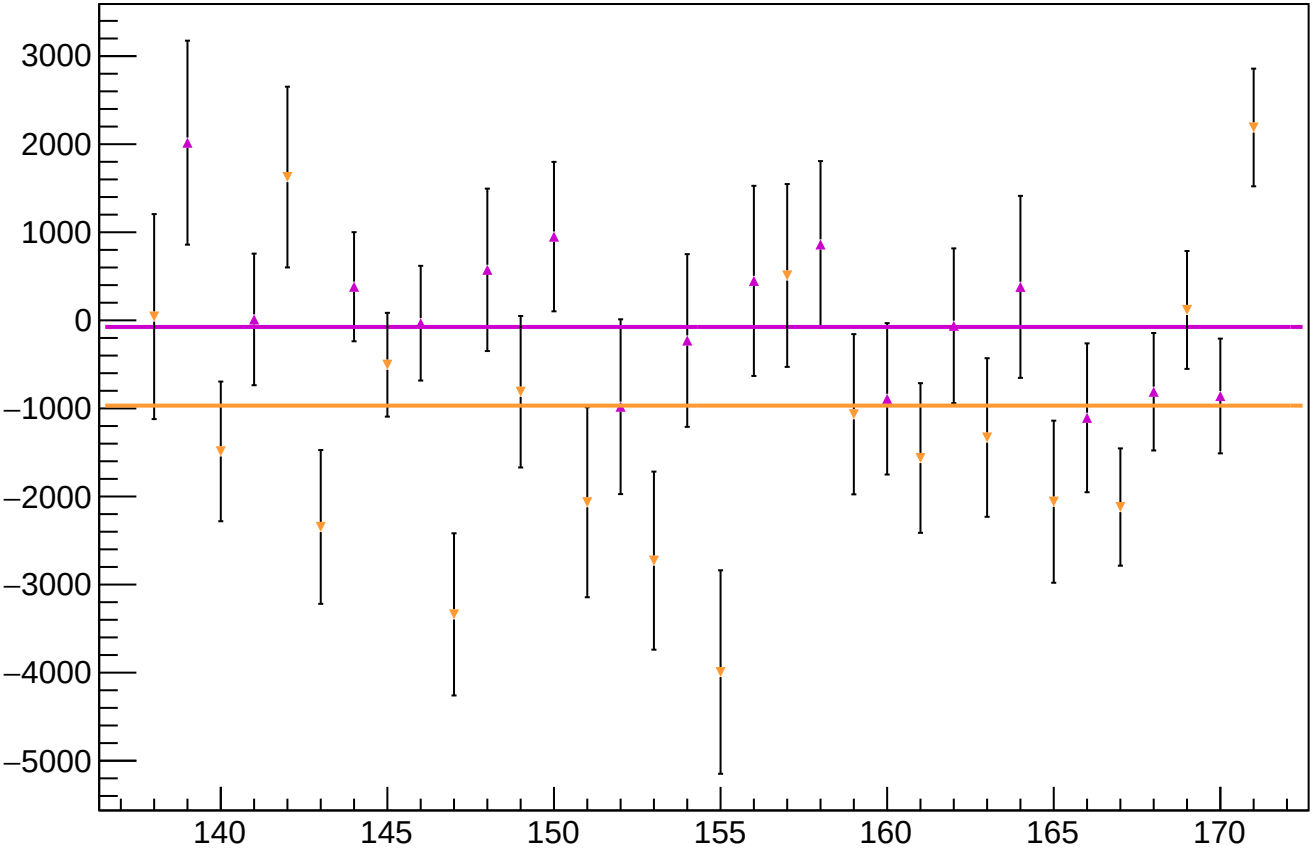
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 107.153+/-0.022 χ^2/NDF:297982.4/15

Out: 104.514+/-0.021 χ^2/NDF:574065.5/17

All: 105.761+/-0.015 χ^2/NDF: 879816.5/33

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -968.265+/-198.990 χ^2/NDF:60.3/17

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

Left In: -74.892+/-205.444 χ^2/NDF:13.1/15

Left: -535.833+/-142.934 χ^2/NDF: 83.2/33

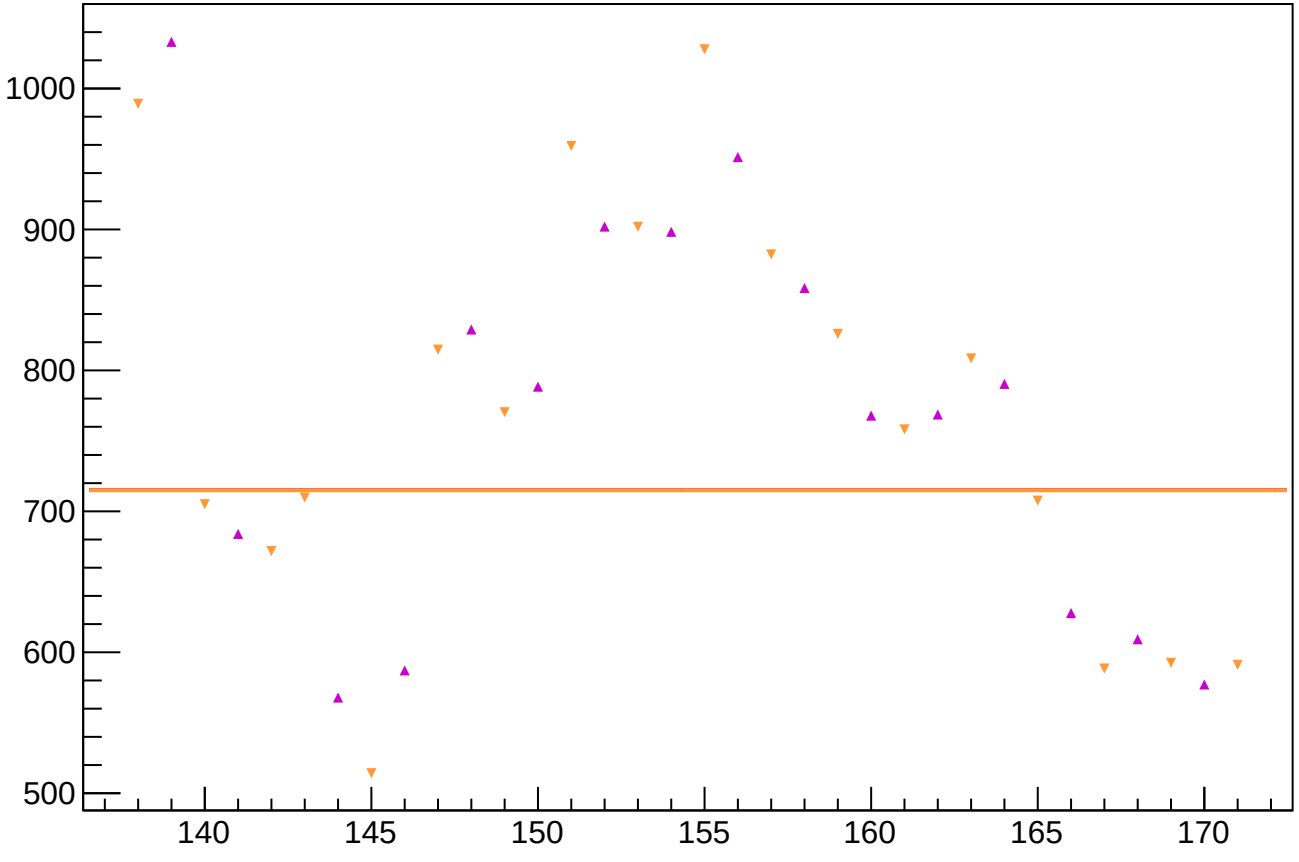
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -74.892+/-205.444 χ^2/NDF:13.1/15

Out: -968.265+/-198.990 χ^2/NDF:60.3/17

All: -535.833+/-142.934 χ^2/NDF: 83.2/33

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 714.975+/-0.141 χ^2/NDF:1013030.4/17

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

Left In: 715.166+/-0.145 χ^2/NDF:859675.3/15

Left: 715.067+/-0.101 χ^2/NDF: 1872706.6/33

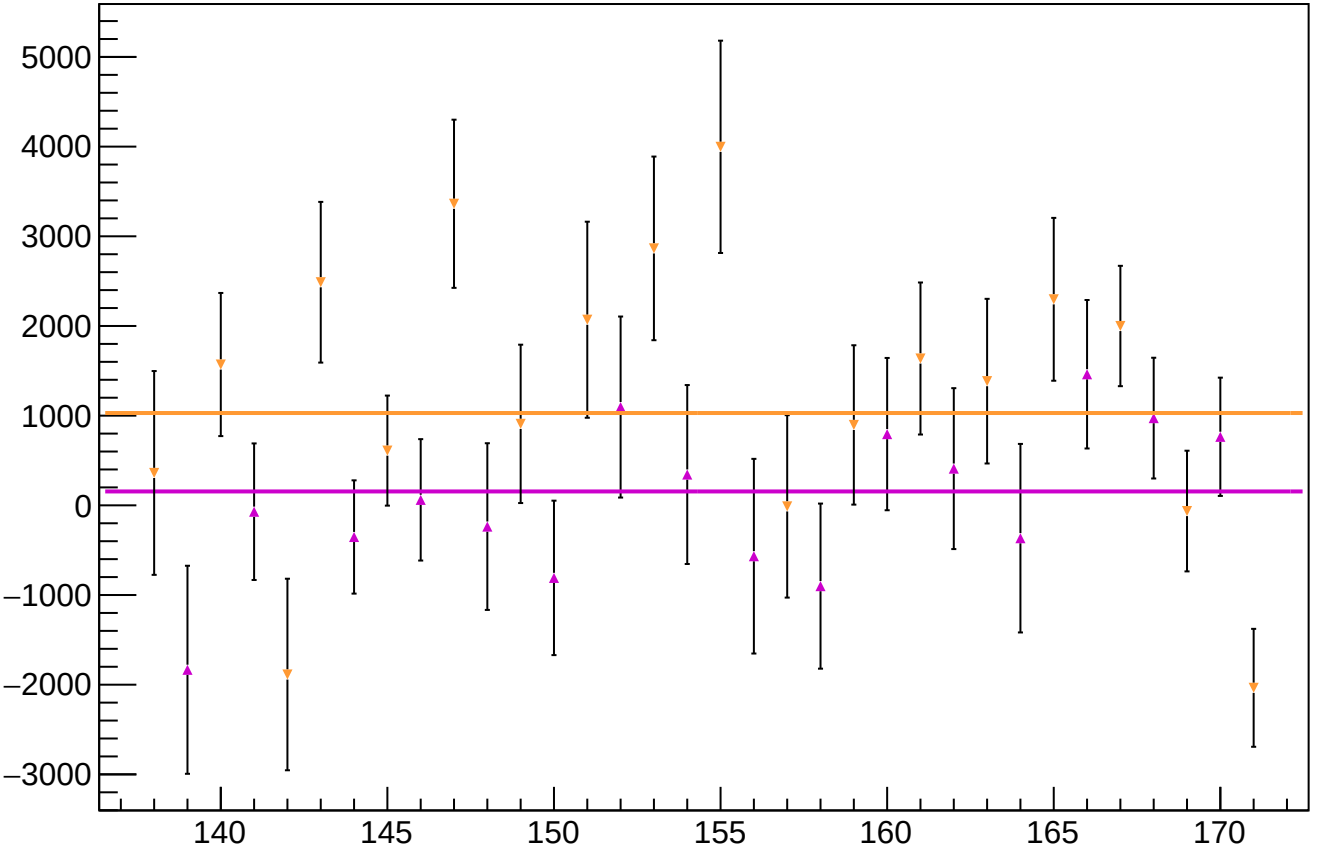
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 715.166+/-0.145 χ^2/NDF:859675.3/15

Out: 714.975+/-0.141 χ^2/NDF:1013030.4/17

All: 715.067+/-0.101 χ^2/NDF: 1872706.6/33

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1029.464+/-200.743 χ^2/NDF:58.1/17

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

Left In: 154.887+/-207.707 χ^2/NDF:13.5/15

Left: 607.082+/-144.346 χ^2/NDF: 80.8/33

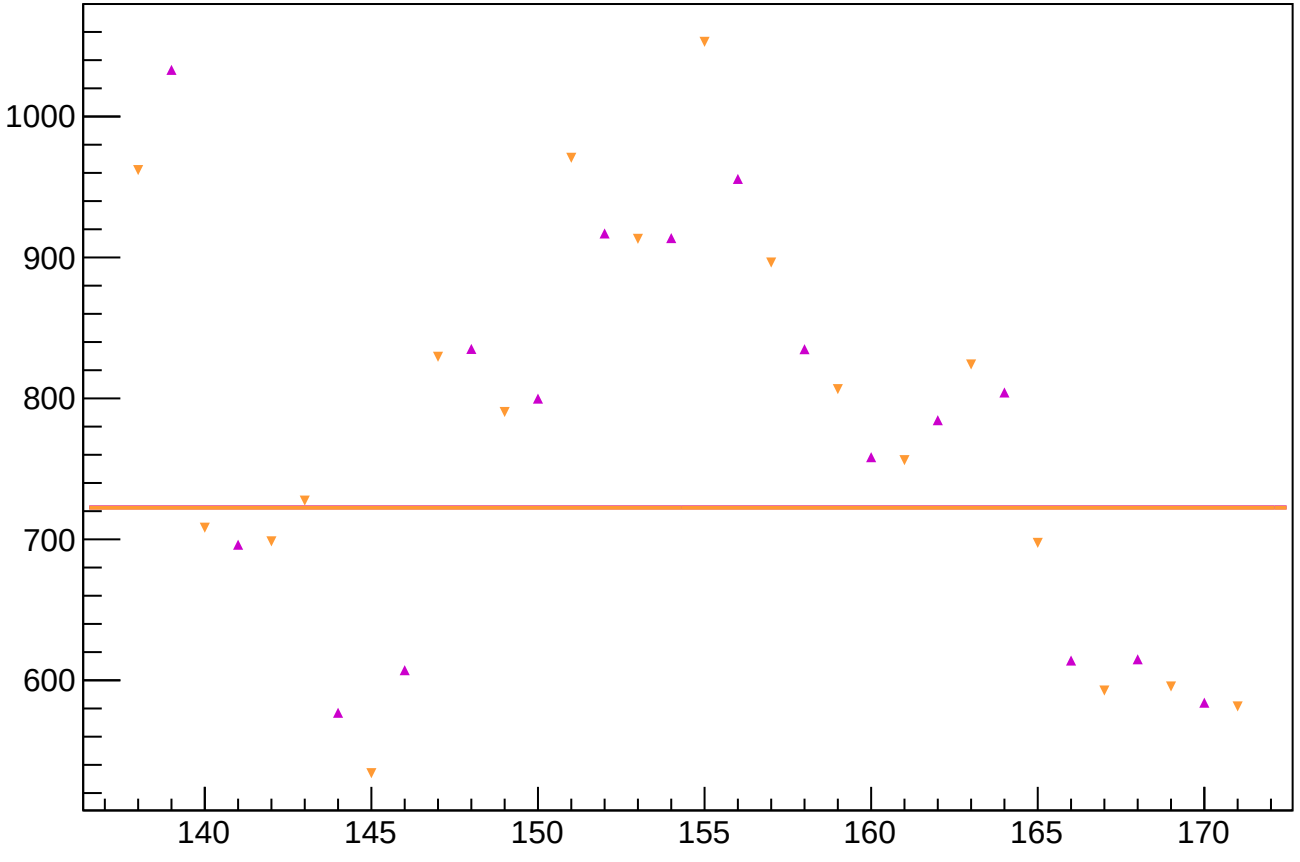
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 154.887+/-207.707 χ^2/NDF:13.5/15

Out: 1029.464+/-200.743 χ^2/NDF:58.1/17

All: 607.082+/-144.346 χ^2/NDF: 80.8/33

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 722.470+/-0.142 χ^2/NDF:988894.1/17

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

Left In: 722.690+/-0.147 χ^2/NDF:824237.5/15

Left: 722.576+/-0.102 χ^2/NDF: 1813132.8/33

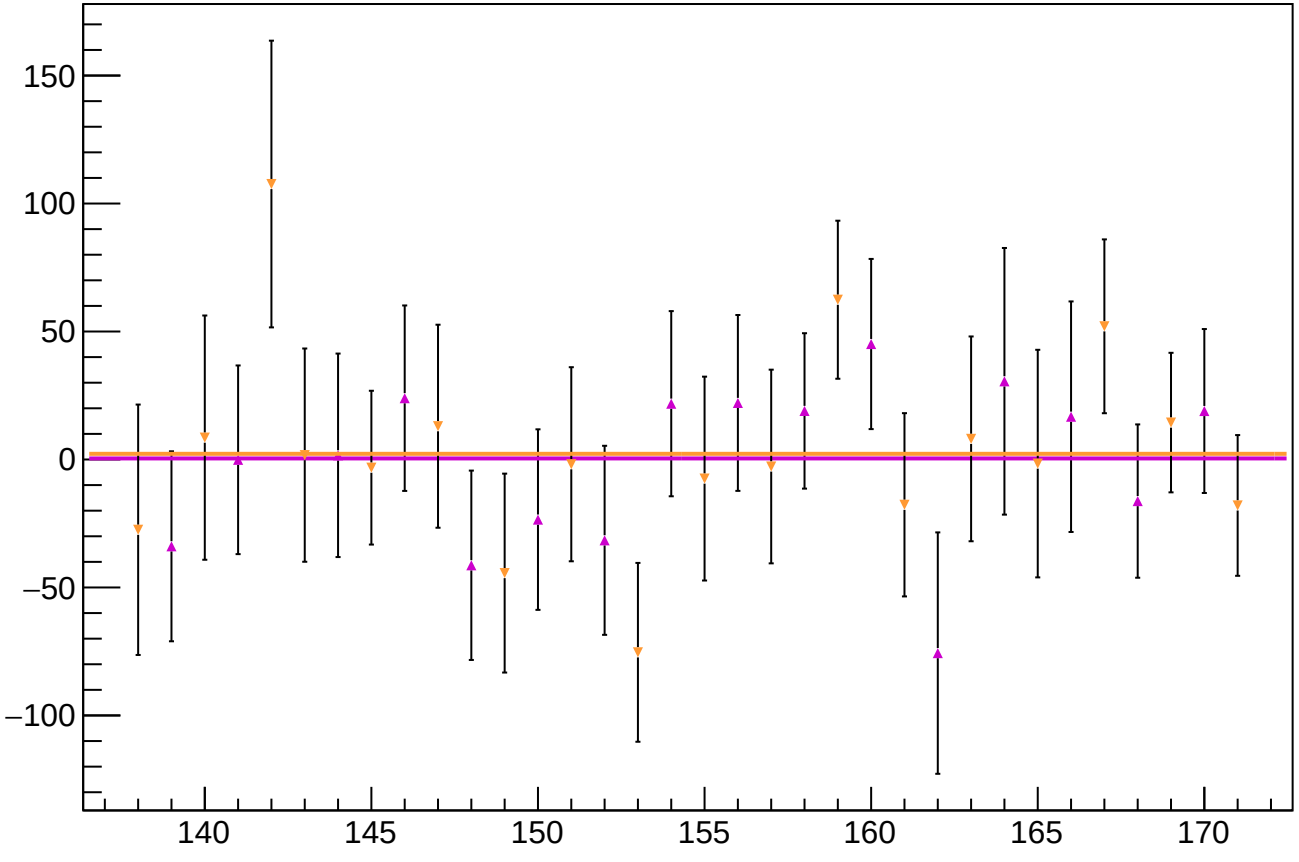
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 722.690+/-0.147 χ^2/NDF:824237.5/15

Out: 722.470+/-0.142 χ^2/NDF:988894.1/17

All: 722.576+/-0.102 χ^2/NDF: 1813132.8/33

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: 2.217+/-8.607 χ^2/NDF:17.5/17

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

Left In: 0.410+/-9.081 χ^2/NDF:10.4/15

Left: 1.362+/-6.247 χ^2/NDF: 27.9/33

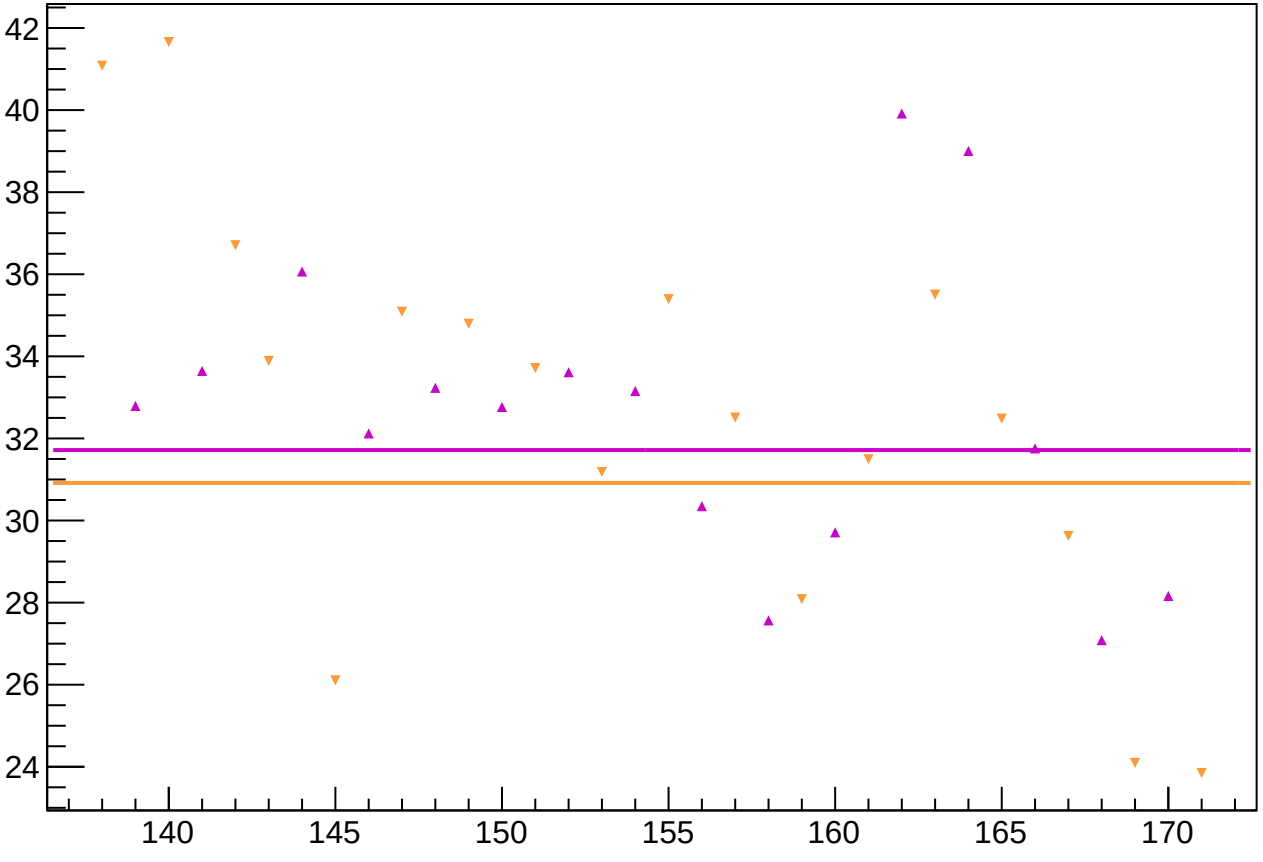
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.410+/-9.081 χ^2/NDF:10.4/15

Out: 2.217+/-8.607 χ^2/NDF:17.5/17

All: 1.362+/-6.247 χ^2/NDF: 27.9/33

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 30.916+/-0.006 χ^2/NDF:658938.9/17

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

Left In: 31.716+/-0.006 χ^2/NDF:264836.5/15

Left: 31.295+/-0.004 χ^2/NDF: 931956.6/33

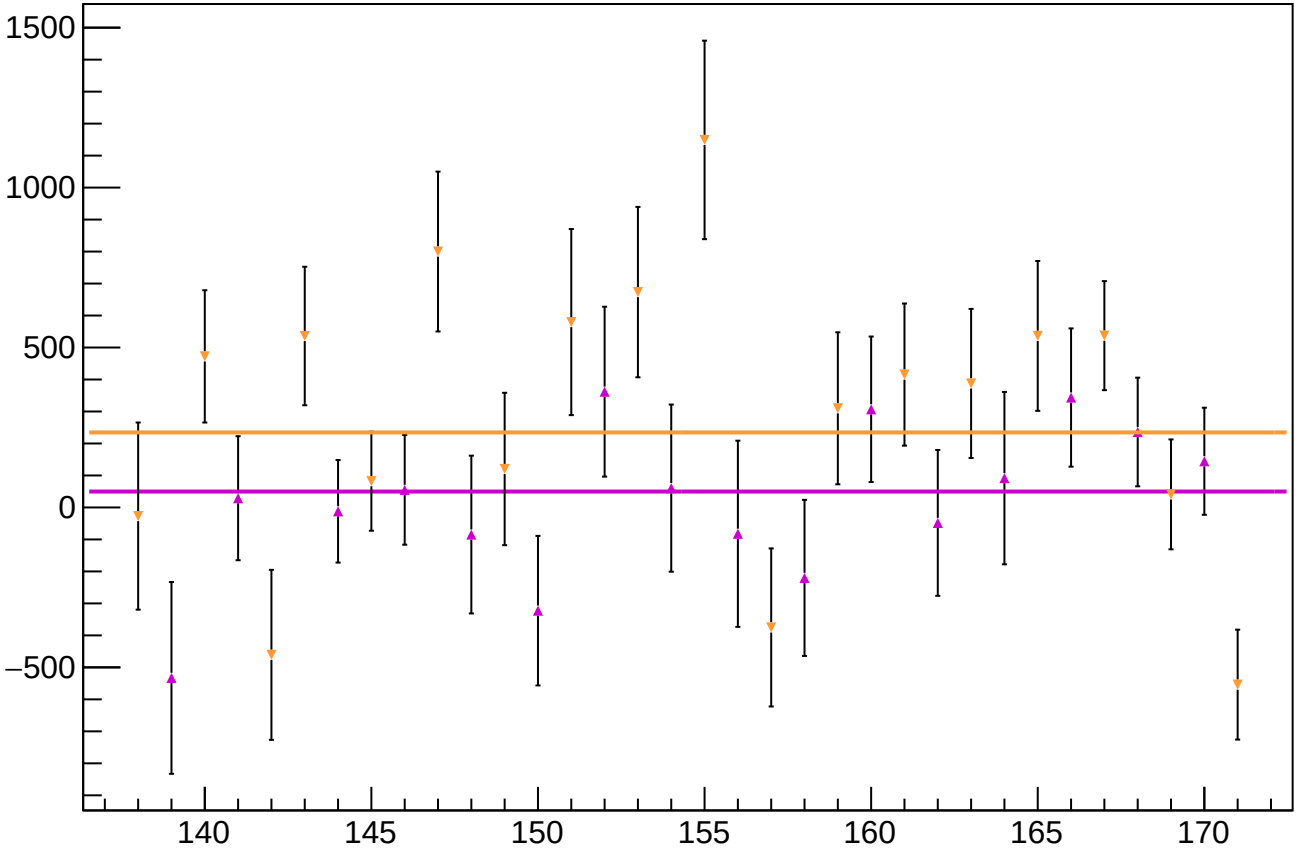
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 31.716+/-0.006 χ^2/NDF:264836.5/15

Out: 30.916+/-0.006 χ^2/NDF:658938.9/17

All: 31.295+/-0.004 χ^2/NDF: 931956.6/33

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: 234.598+/-51.617 χ^2/NDF:64.5/17

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

Left In: 49.704+/-53.689 χ^2/NDF:14.4/15

Left: 145.787+/-37.210 χ^2/NDF: 85.1/33

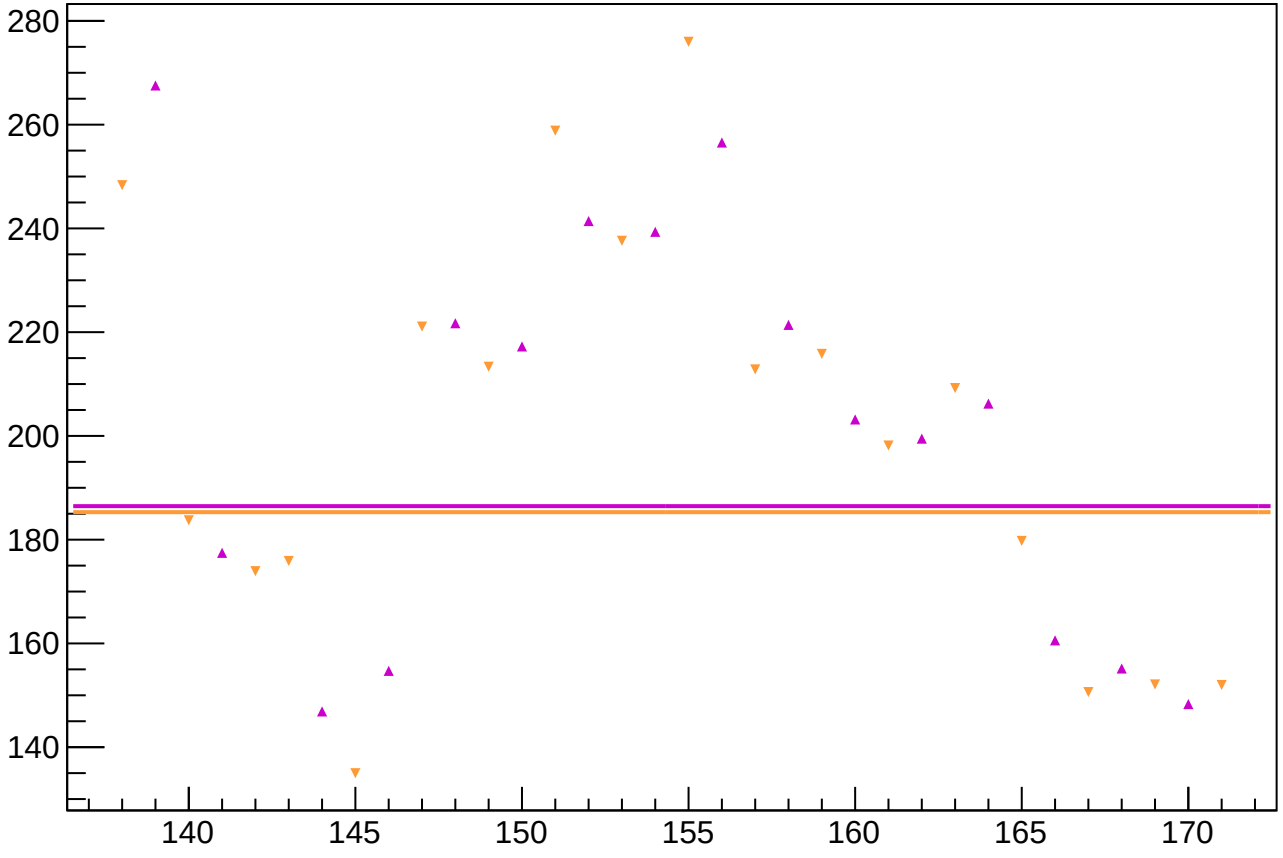
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 49.704+/-53.689 χ^2/NDF:14.4/15

Out: 234.598+/-51.617 χ^2/NDF:64.5/17

All: 145.787+/-37.210 χ^2/NDF: 85.1/33

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: 185.303+/-0.036 χ^2/NDF:1075246.4/17

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

Left In: 186.463+/-0.038 χ^2/NDF:969747.3/15

Left: 185.860+/-0.026 χ^2/NDF: 2045479.1/33

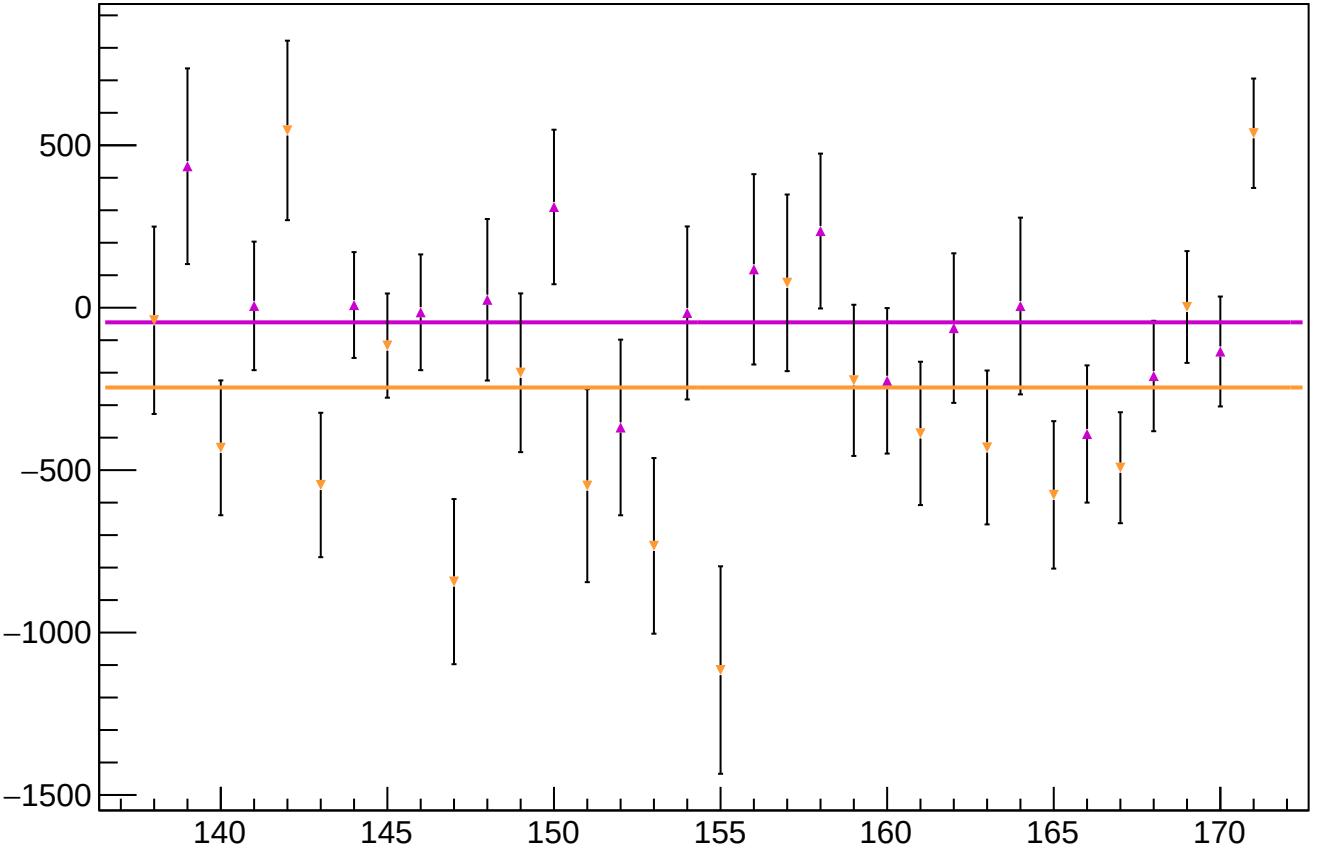
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 186.463+/-0.038 χ^2/NDF:969747.3/15

Out: 185.303+/-0.036 χ^2/NDF:1075246.4/17

All: 185.860+/-0.026 χ^2/NDF: 2045479.1/33

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -245.551+/-52.155 χ^2/NDF:59.6/17

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

Left In: -45.022+/-54.157 χ^2/NDF:12.8/15

Left: -149.061+/-37.567 χ^2/NDF: 79.5/33

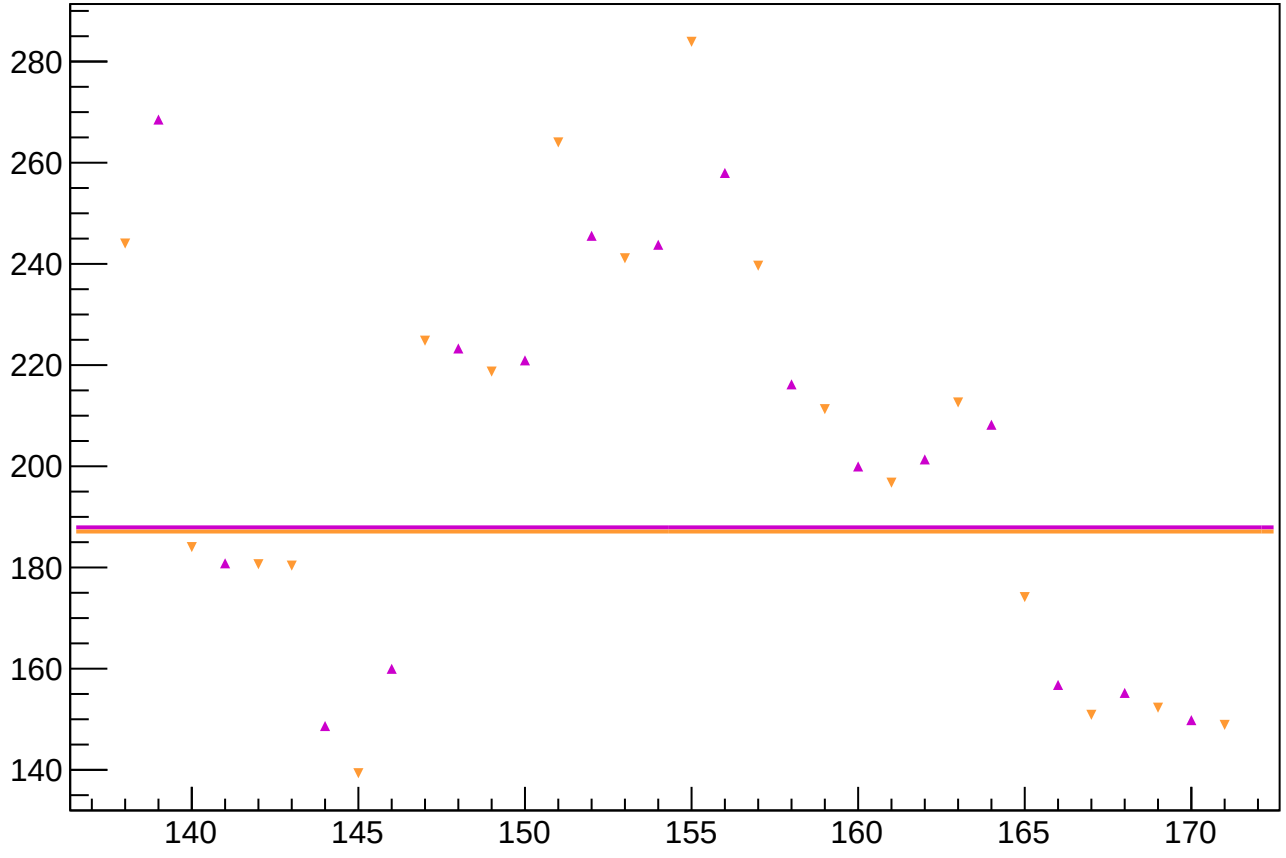
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -45.022+/-54.157 χ^2/NDF:12.8/15

Out: -245.551+/-52.155 χ^2/NDF:59.6/17

All: -149.061+/-37.567 χ^2/NDF: 79.5/33

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 187.108+/-0.037 χ^2/NDF:1138537.9/17

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

Left In: 187.925+/-0.038 χ^2/NDF:954252.1/15

Left: 187.501+/-0.027 χ^2/NDF: 2093026.1/33

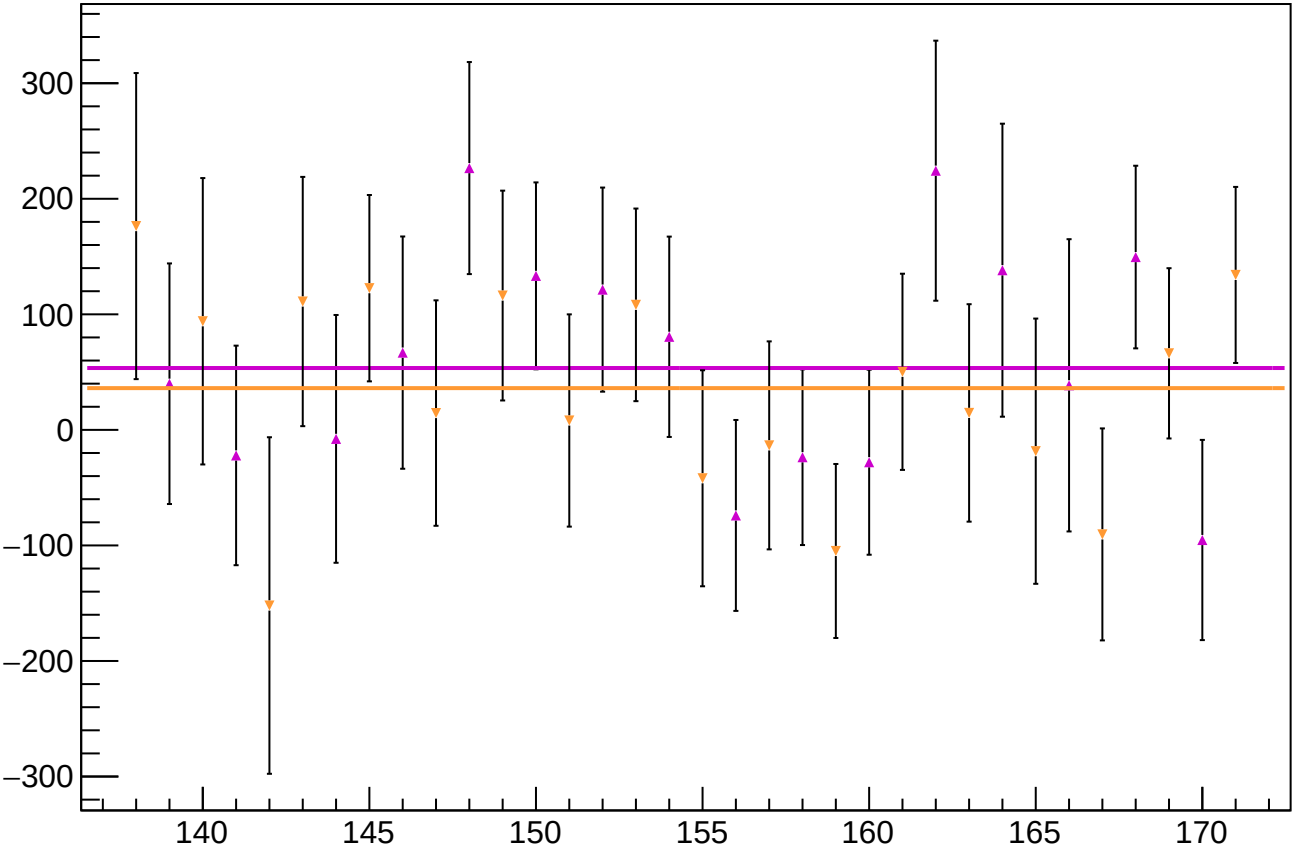
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 187.925+/-0.038 χ^2/NDF:954252.1/15

Out: 187.108+/-0.037 χ^2/NDF:1138537.9/17

All: 187.501+/-0.027 χ^2/NDF: 2093026.1/33

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 36.136+/-21.743 χ^2/NDF:14.8/17

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

Left In: 53.532+/-22.975 χ^2/NDF:17.9/15

Left: 44.355+/-15.792 χ^2/NDF: 33.0/33

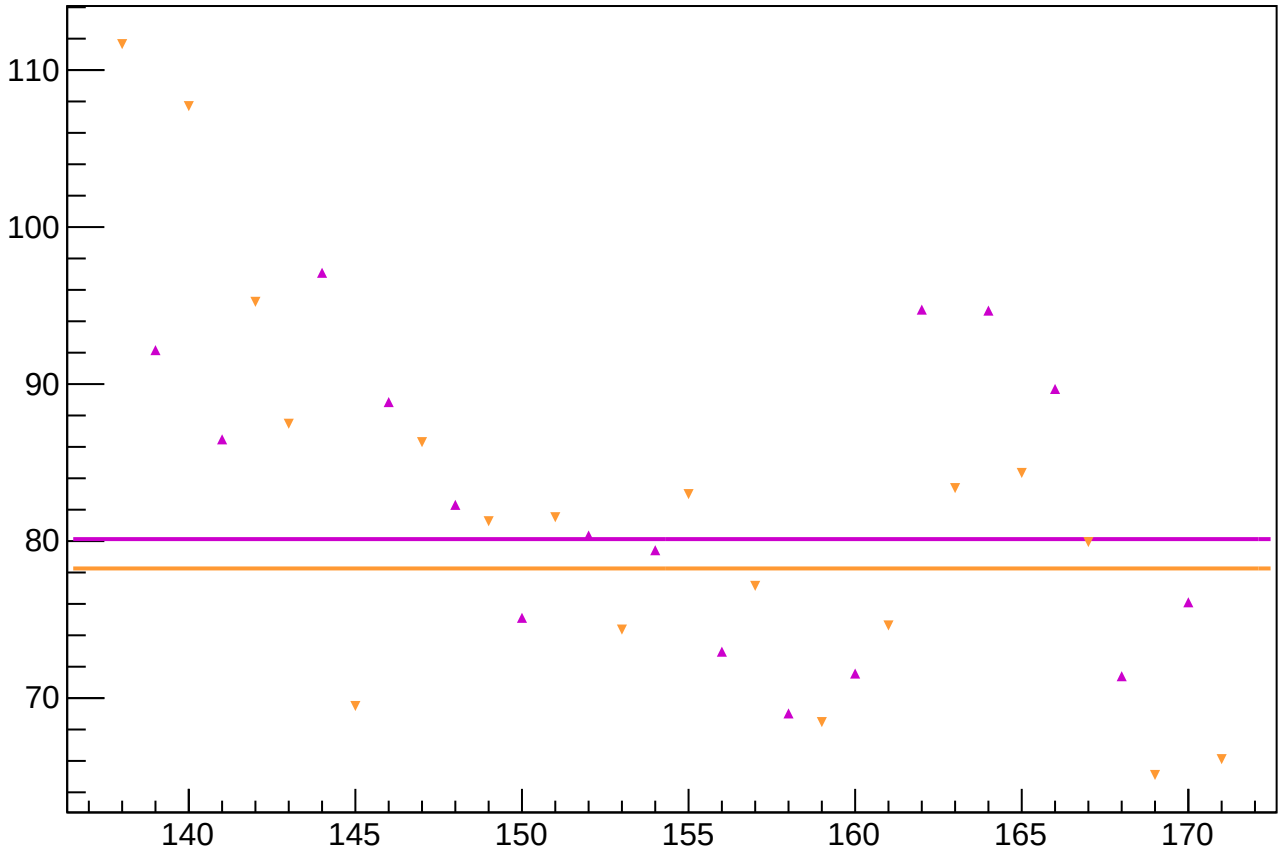
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.532+/-22.975 χ^2/NDF:17.9/15

Out: 36.136+/-21.743 χ^2/NDF:14.8/17

All: 44.355+/-15.792 χ^2/NDF: 33.0/33

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 78.258+/-0.015 χ^2/NDF:497774.7/17

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

Left In: 80.126+/-0.016 χ^2/NDF:290619.9/15

Left: 79.141+/-0.011 χ^2/NDF: 795374.0/33

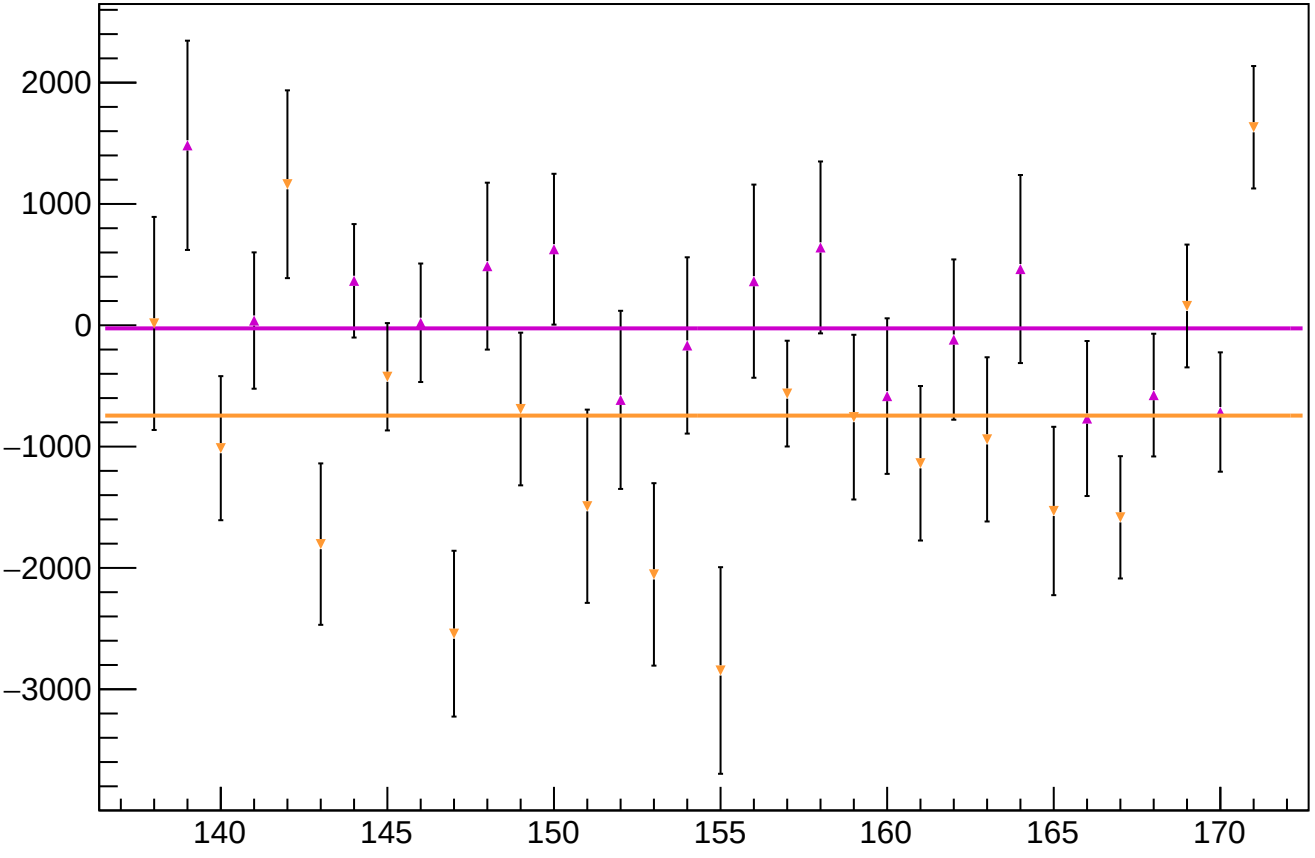
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.126+/-0.016 χ^2/NDF:290619.9/15

Out: 78.258+/-0.015 χ^2/NDF:497774.7/17

All: 79.141+/-0.011 χ^2/NDF: 795374.0/33

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -744.311+/-143.605 χ^2/NDF:57.1/17

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

Left In: -25.463+/-153.974 χ^2/NDF:12.9/15

Left: -409.906+/-105.019 χ^2/NDF: 81.7/33

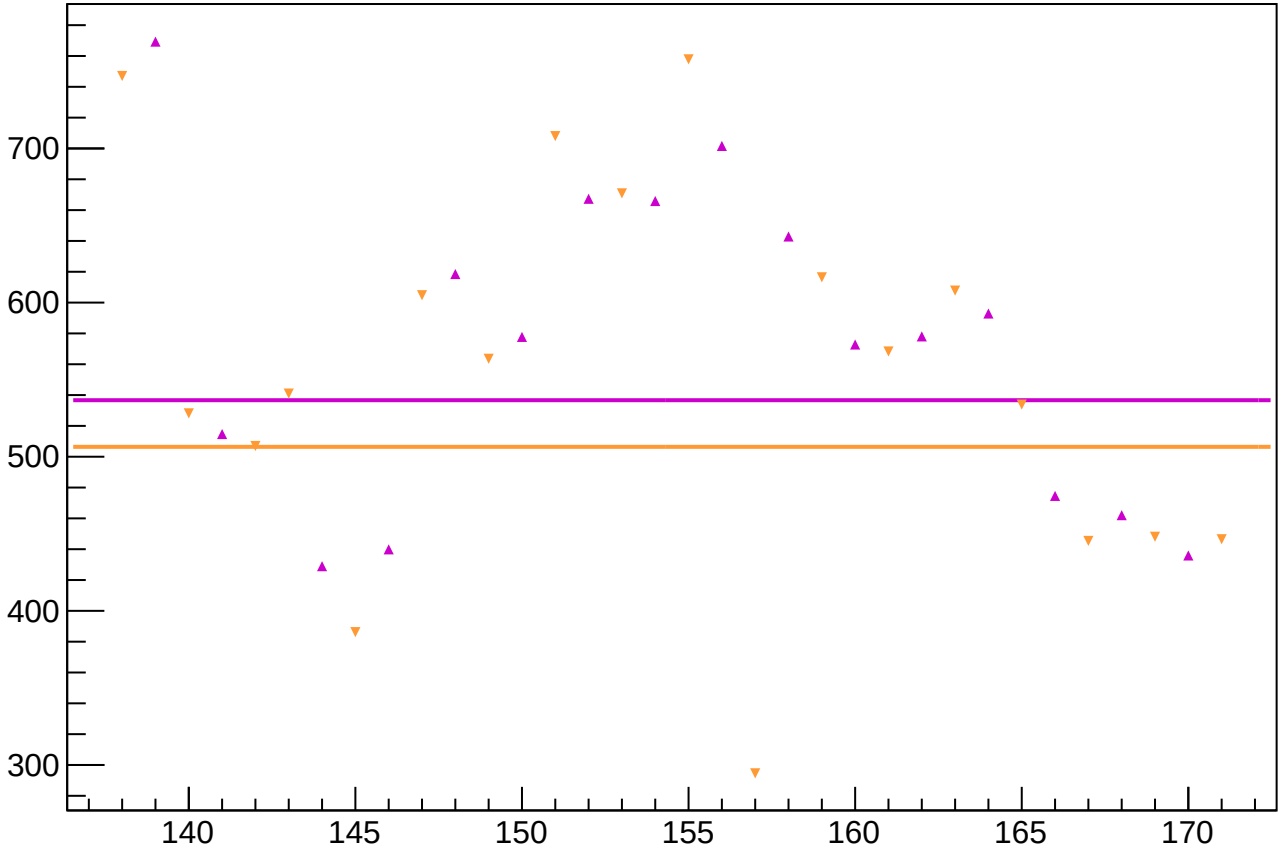
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.463+/-153.974 χ^2/NDF:12.9/15

Out: -744.311+/-143.605 χ^2/NDF:57.1/17

All: -409.906+/-105.019 χ^2/NDF: 81.7/33

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 506.415+/-0.102 χ^2/NDF:1437868.6/17

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

Left In: 536.668+/-0.109 χ^2/NDF:798681.9/15

Left: 520.489+/-0.074 χ^2/NDF: 2277843.5/33

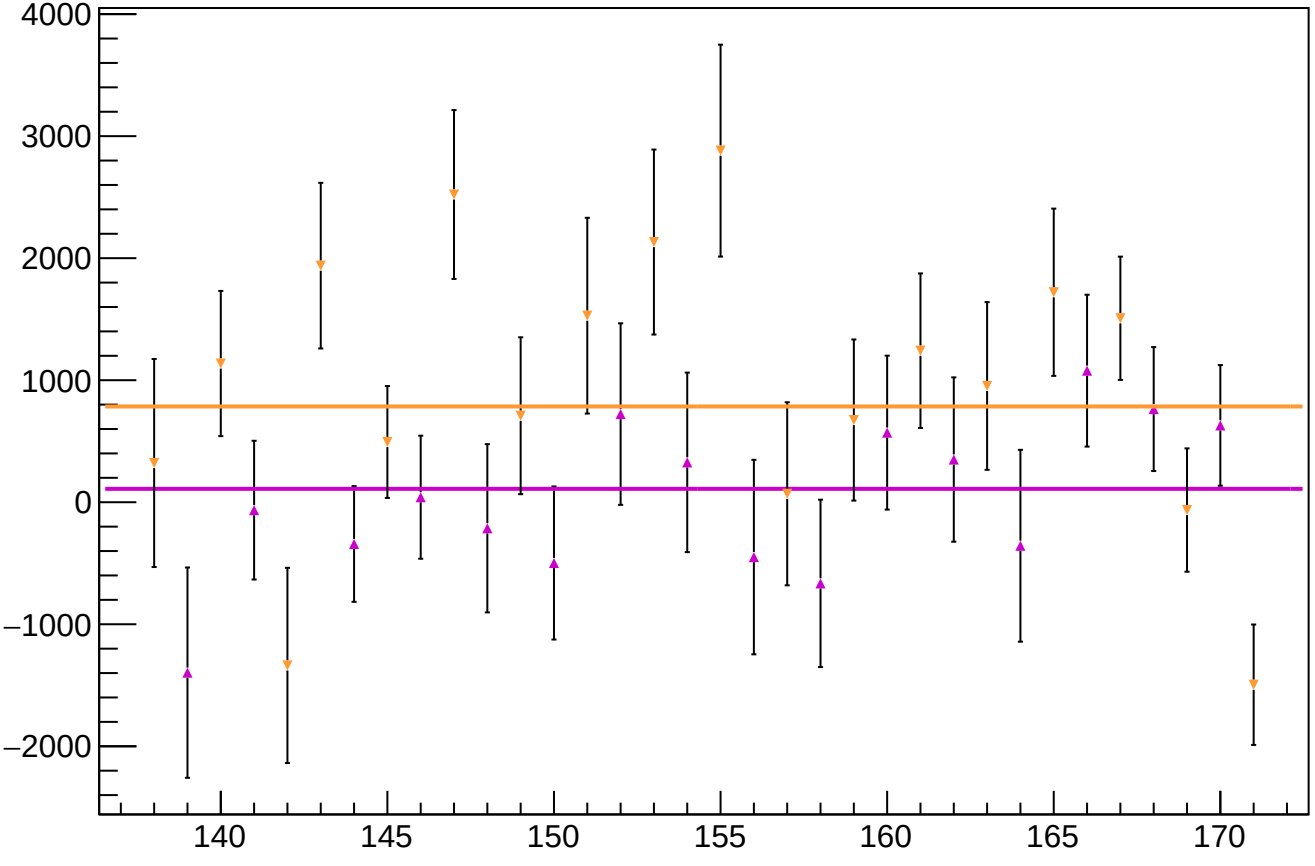
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 536.668+/-0.109 χ^2/NDF:798681.9/15

Out: 506.415+/-0.102 χ^2/NDF:1437868.6/17

All: 520.489+/-0.074 χ^2/NDF: 2277843.5/33

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 784.759+/-149.772 χ^2/NDF:56.8/17

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

Left In: 109.813+/-154.837 χ^2/NDF:14.0/15

Left: 458.506+/-107.651 χ^2/NDF: 80.5/33

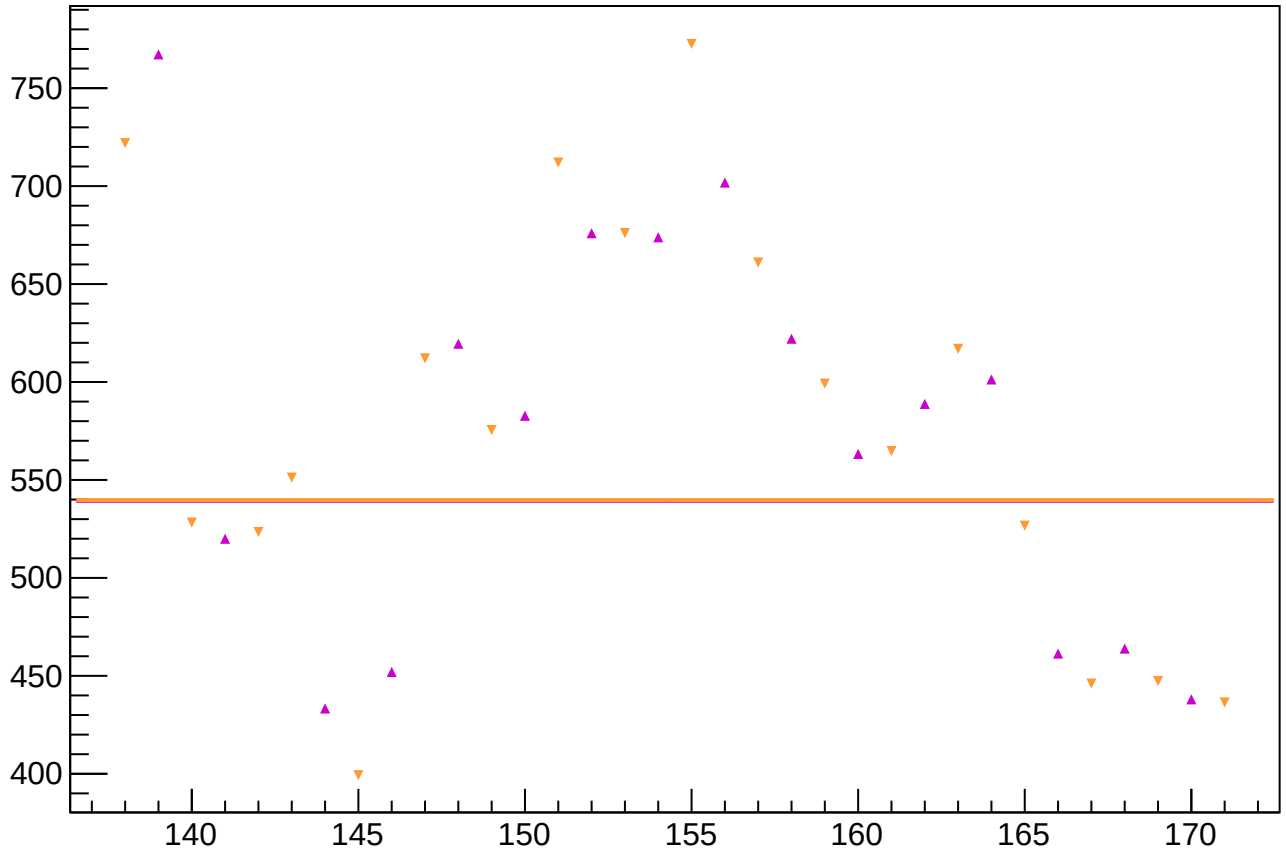
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 109.813+/-154.837 χ^2/NDF:14.0/15

Out: 784.759+/-149.772 χ^2/NDF:56.8/17

All: 458.506+/-107.651 χ^2/NDF: 80.5/33

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 539.686+/-0.106 χ^2/NDF:930934.2/17

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

Left In: 539.332+/-0.109 χ^2/NDF:771010.1/15

Left: 539.515+/-0.076 χ^2/NDF: 1701949.7/33

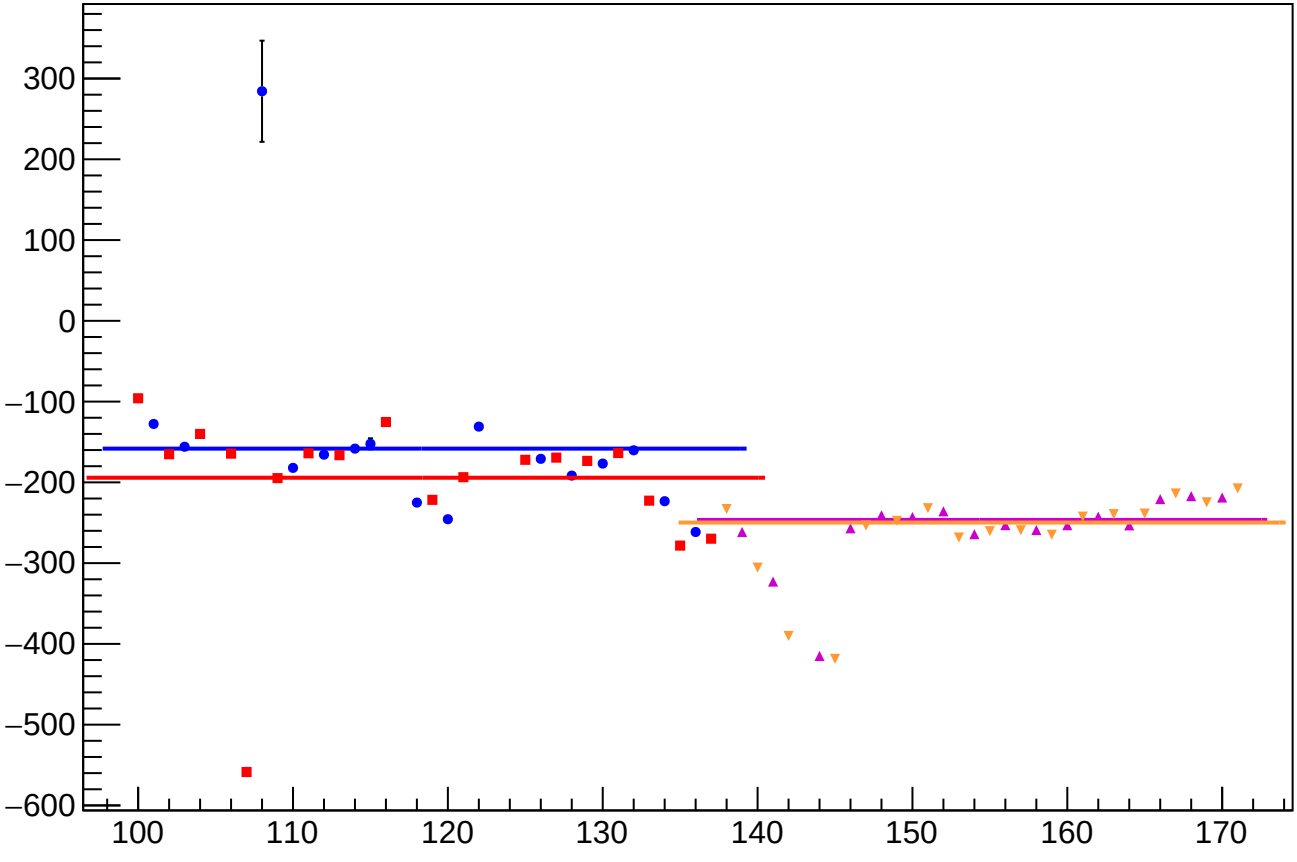
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 539.332+/-0.109 χ^2/NDF:771010.1/15

Out: 539.686+/-0.106 χ^2/NDF:930934.2/17

All: 539.515+/-0.076 χ^2/NDF: 1701949.7/33

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -249.750+/-0.135 χ^2/NDF:49124.6/16

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -246.490+/-0.130 χ^2/NDF:73653.5/15

Left: -248.070+/-0.094 χ^2/NDF: 123080.7/32

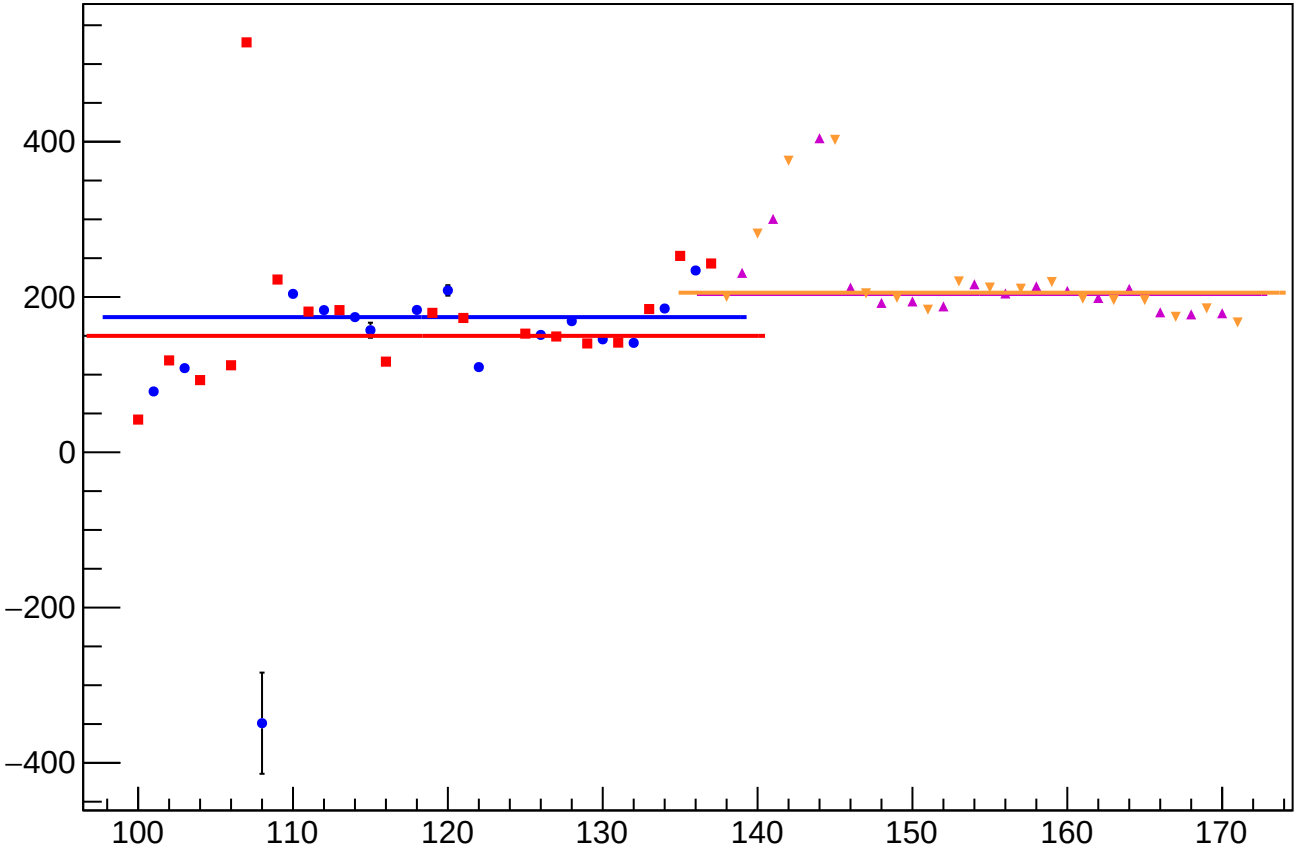
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:648760.6/31

Out: -227.618+/-0.104 χ^2/NDF:293531.9/34

All: -158.222+/-0.000 χ^2/NDF: 1384976.3/66

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 205.546+/-0.134 χ^2/NDF:51242.1/16

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 203.849+/-0.131 χ^2/NDF:86510.0/15

Left: 204.675+/-0.094 χ^2/NDF: 137833.8/32

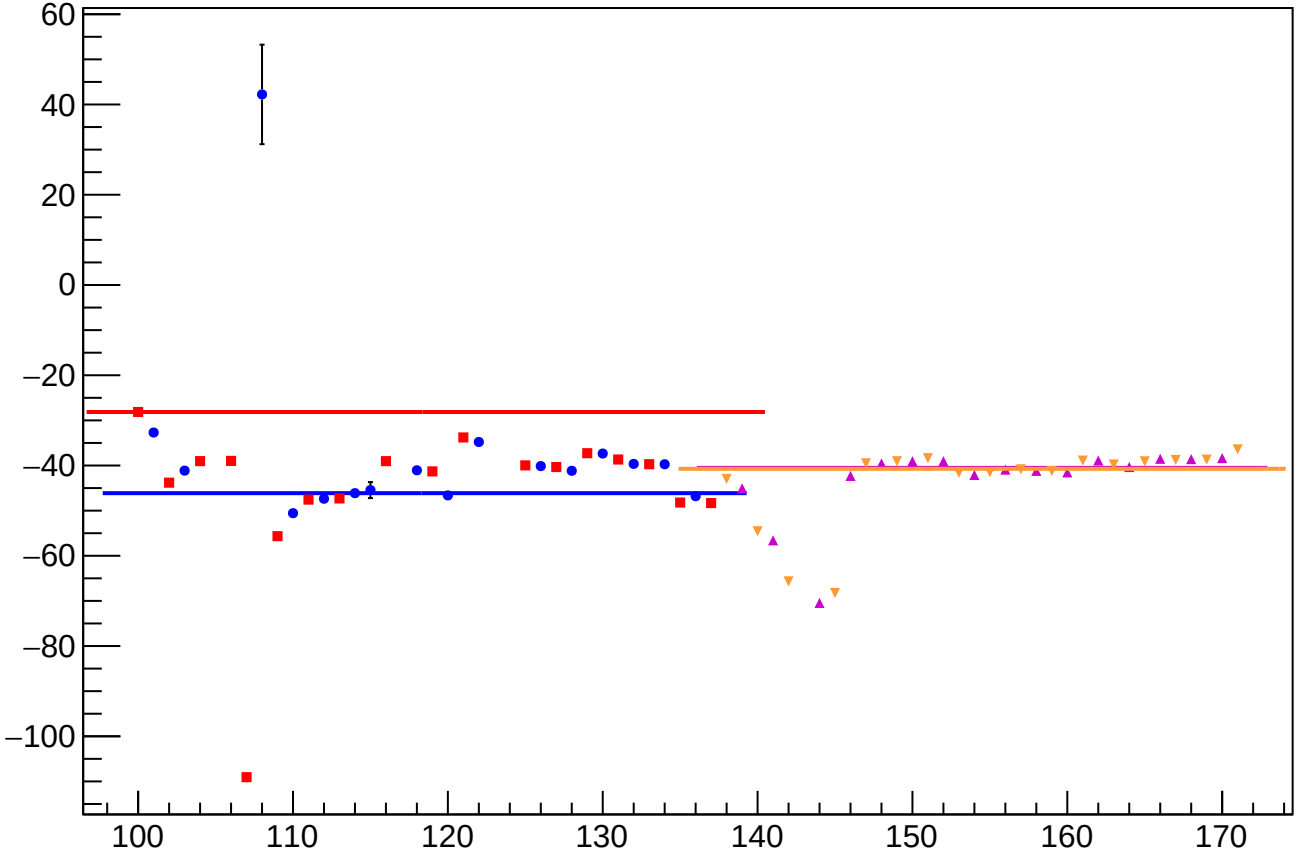
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:191539.4/31

Out: 187.699+/-0.111 χ^2/NDF:273980.7/34

All: 174.085+/-0.000 χ^2/NDF: 480621.0/66

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -40.725+/-0.007 χ^2/NDF:117368.0/16

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -40.528+/-0.008 χ^2/NDF:176561.8/15

Left: -40.638+/-0.006 χ^2/NDF: 294239.0/32

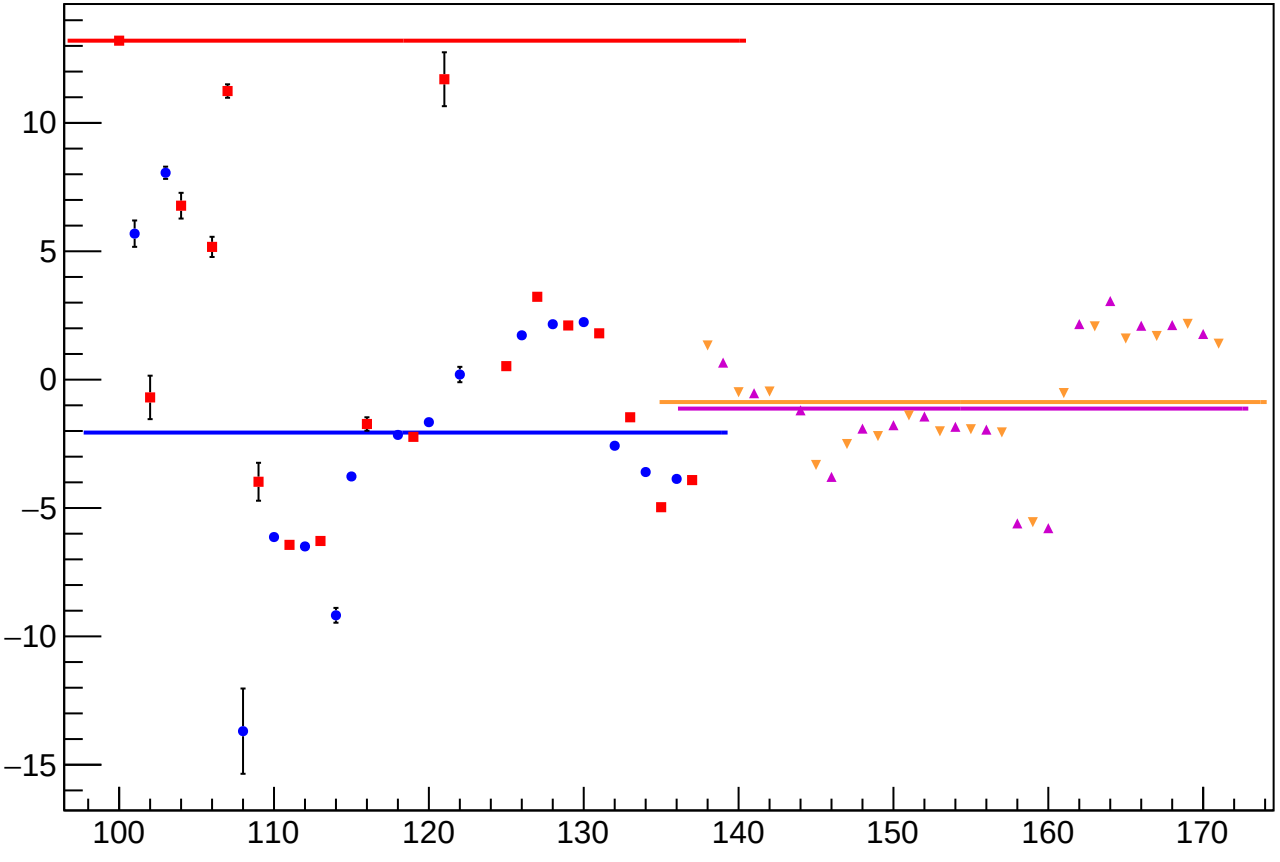
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:825978.5/31

Out: -28.139+/-0.000 χ^2/NDF:3717823.2/34

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -0.872+/-0.008 χ^2/NDF:103736.9/16

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -1.128+/-0.006 χ^2/NDF:142312.1/15

Left: -1.020+/-0.005 χ^2/NDF: 246704.2/32

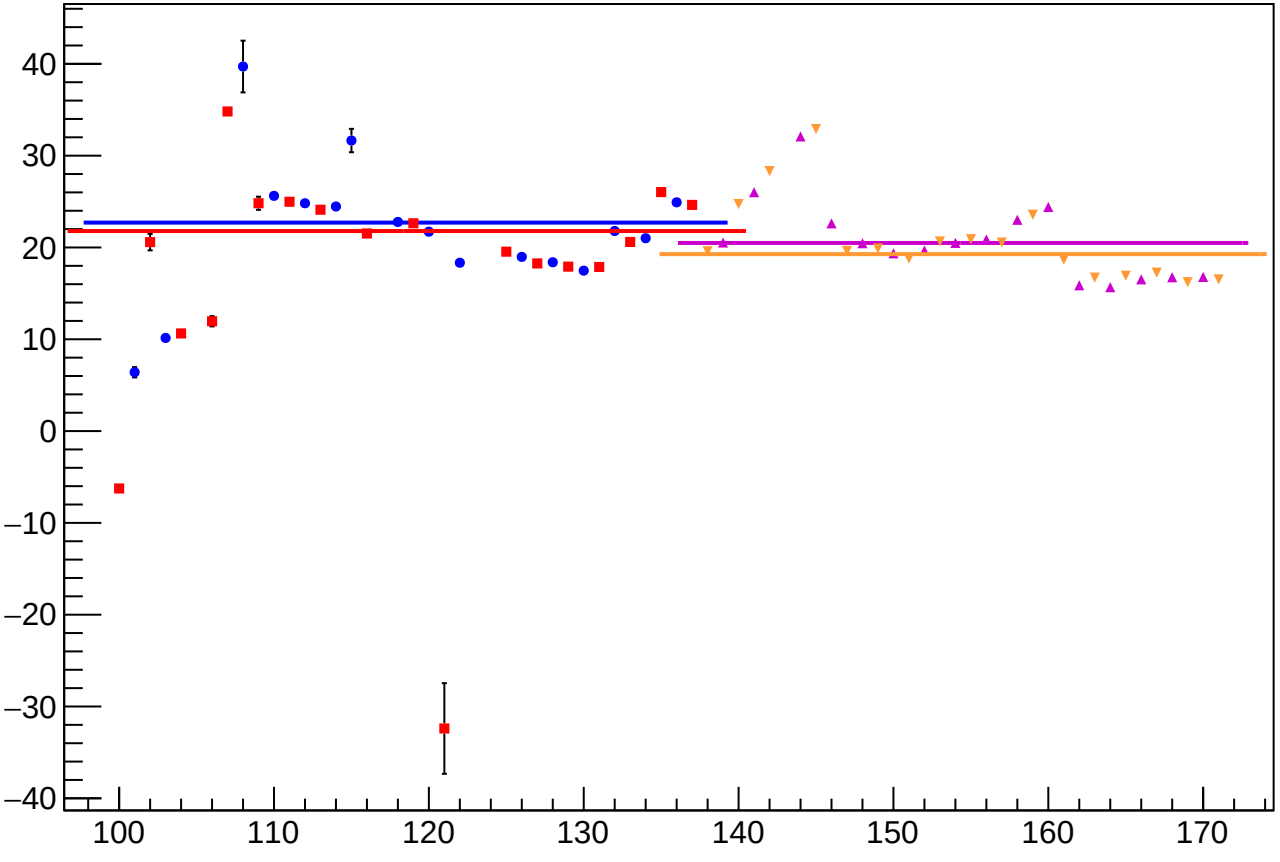
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -1.236+/-0.006 χ^2/NDF:170400.9/31

Out: 13.204+/-0.000 χ^2/NDF:4052395.5/34

All: 13.204+/-0.000 χ^2/NDF: 9864568.6/66

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 19.276+/-0.009 χ^2/NDF:76658.5/16

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 20.493+/-0.008 χ^2/NDF:107311.8/15

Left: 19.941+/-0.006 χ^2/NDF: 194039.3/32

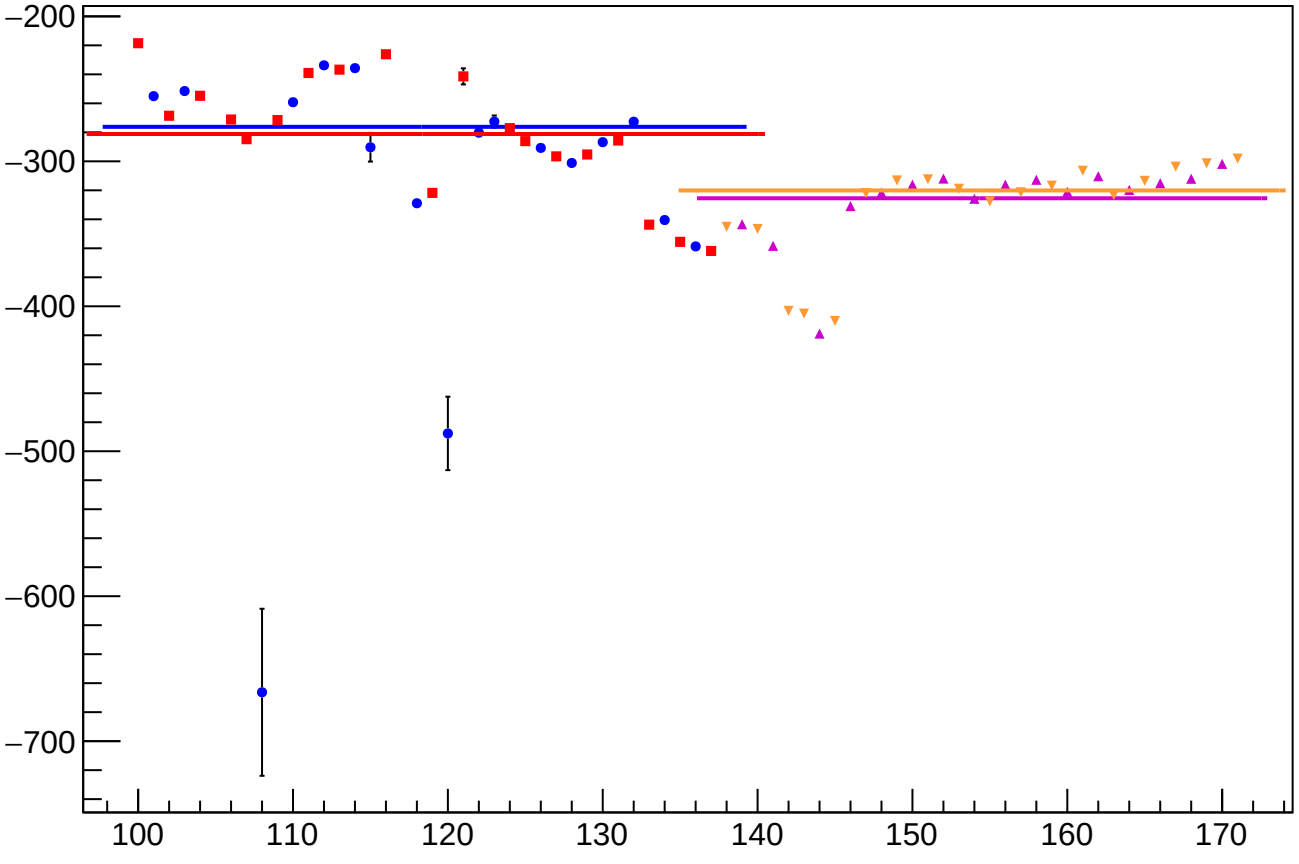
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 20.847+/-0.007 χ^2/NDF:141830.2/31

Out: 19.648+/-0.008 χ^2/NDF:114960.8/34

All: 20.307+/-0.006 χ^2/NDF: 268328.4/66

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -320.094+/-0.116 χ^2/NDF:41152.8/17

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -325.492+/-0.111 χ^2/NDF:41668.4/15

Left: -322.890+/-0.080 χ^2/NDF: 83952.4/33

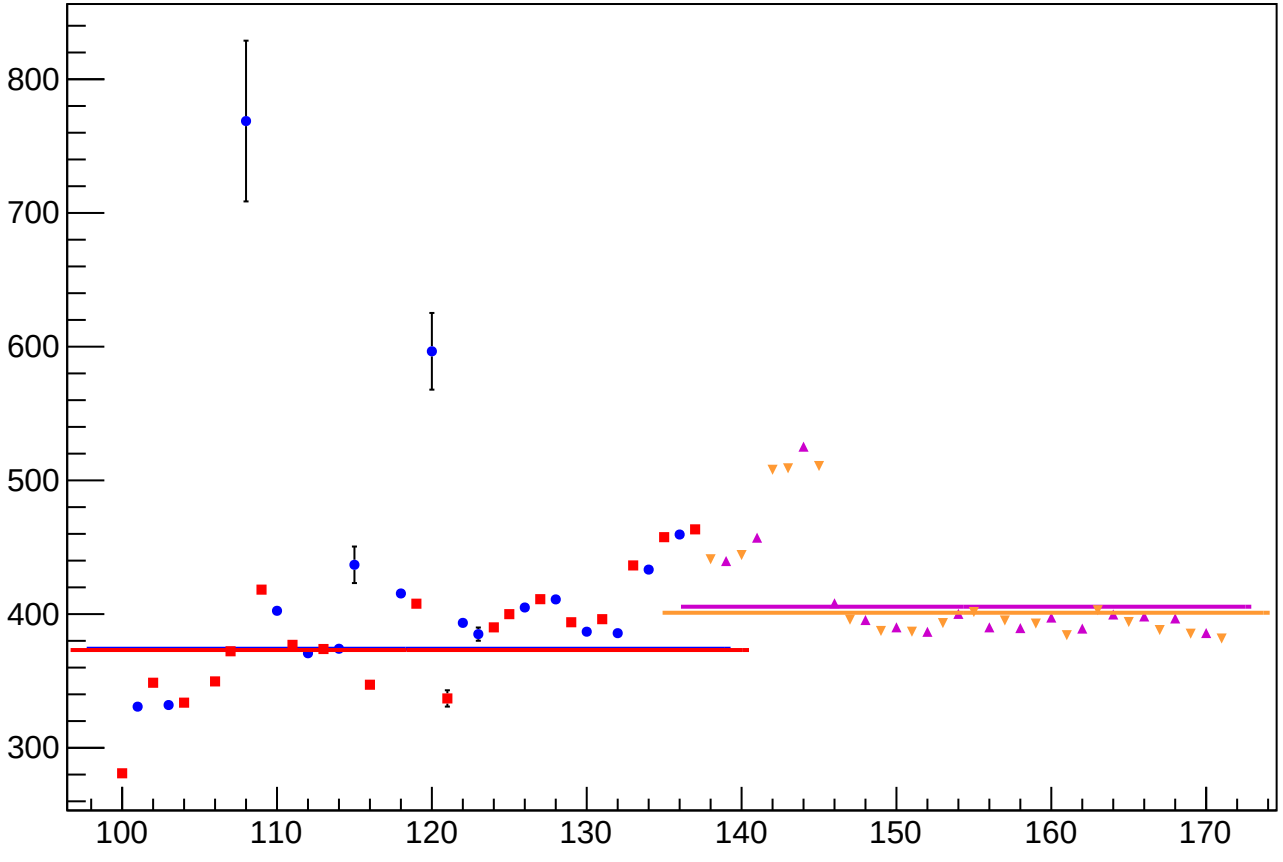
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -310.253+/-0.093 χ^2/NDF:160273.6/32

Out: -305.294+/-0.091 χ^2/NDF:161950.8/36

All: -307.729+/-0.065 χ^2/NDF: 323684.0/69

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 401.012+/-0.117 χ^2/NDF:59273.1/17

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 405.527+/-0.113 χ^2/NDF:64896.9/15

Left: 403.362+/-0.081 χ^2/NDF: 124941.9/33

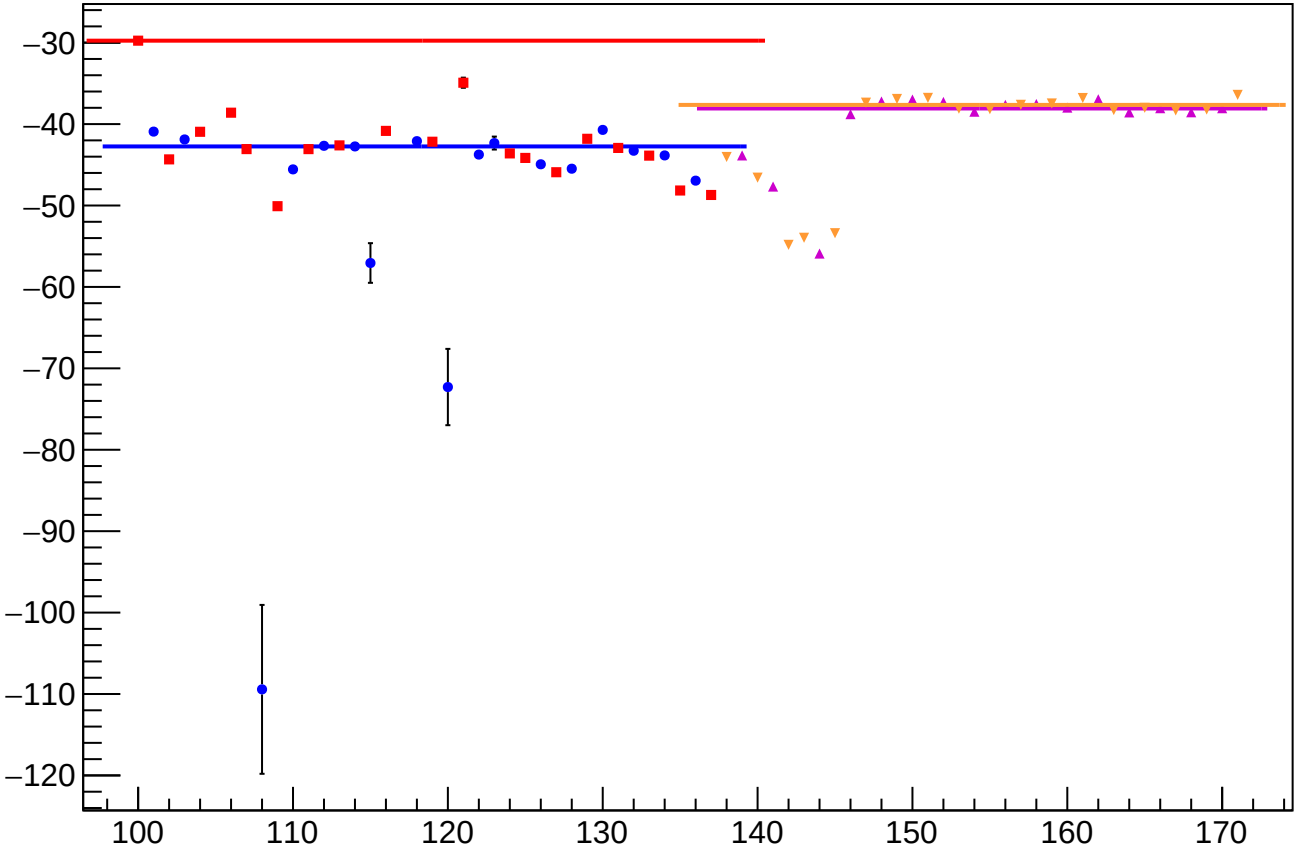
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:177971.7/32

Out: 391.110+/-0.094 χ^2/NDF:187579.6/36

All: 374.094+/-0.000 χ^2/NDF: 398224.9/69

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.643+/-0.004 χ^2/NDF:261877.0/17

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.084+/-0.005 χ^2/NDF:148963.2/15

Left: -37.846+/-0.003 χ^2/NDF: 415609.1/33

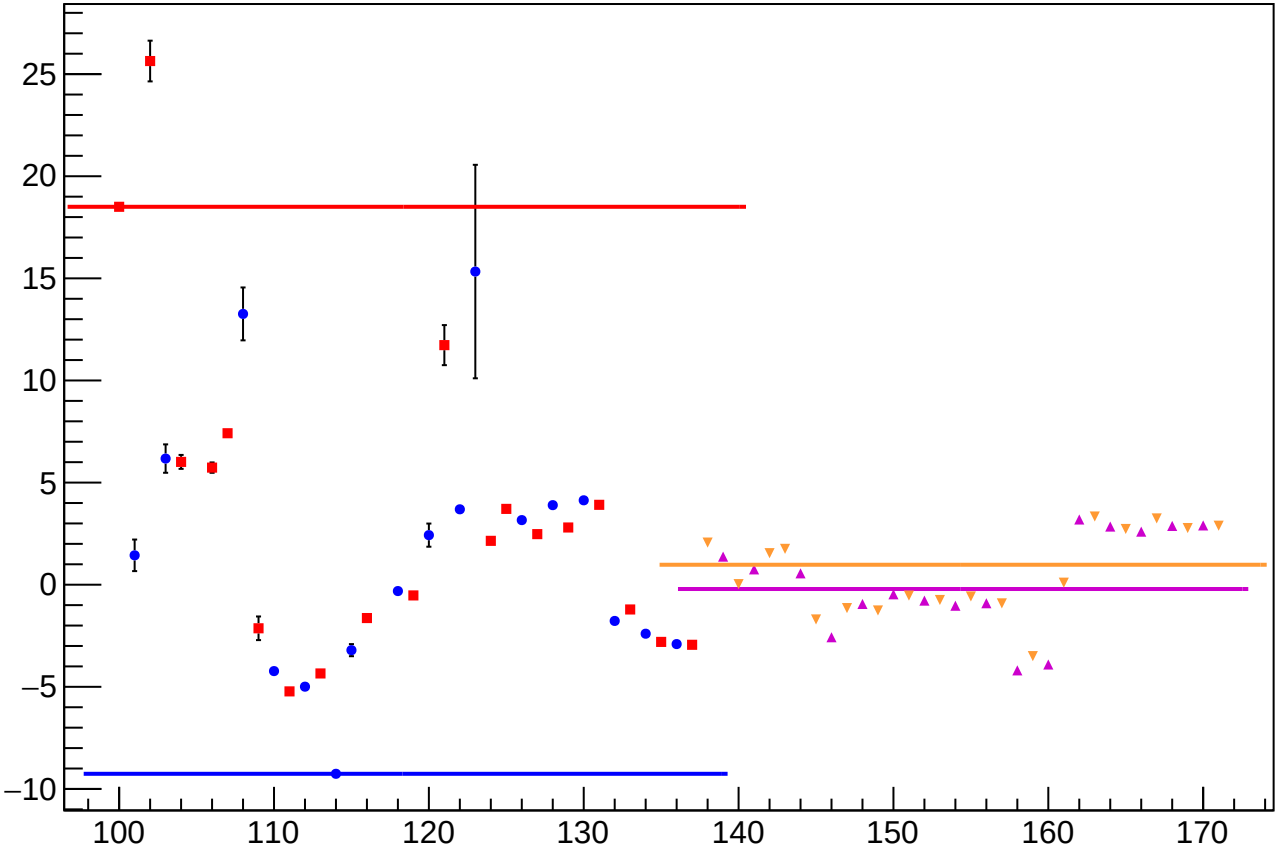
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:1148207.9/32

Out: -29.754+/-0.000 χ^2/NDF:4065323.6/36

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: 0.977+/-0.006 χ^2/NDF:143527.9/17

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: -0.210+/-0.007 χ^2/NDF:116050.8/15

Left: 0.459+/-0.004 χ^2/NDF: 277515.9/33

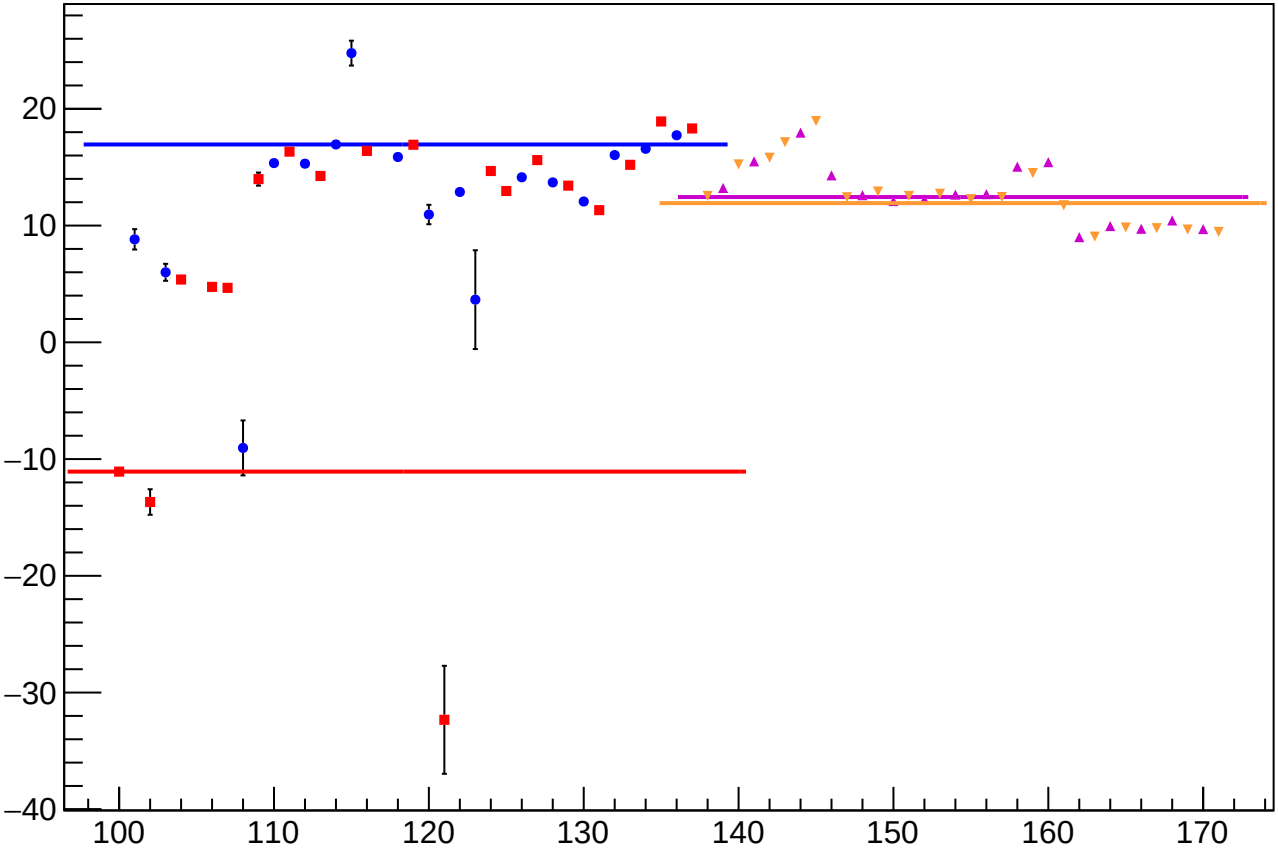
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:2368310.3/32

Out: 18.504+/-0.000 χ^2/NDF:16468221.1/36

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 11.922+/-0.008 χ^2/NDF:61011.4/17

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 12.444+/-0.009 χ^2/NDF:43984.8/15

Left: 12.143+/-0.006 χ^2/NDF: 106781.3/33

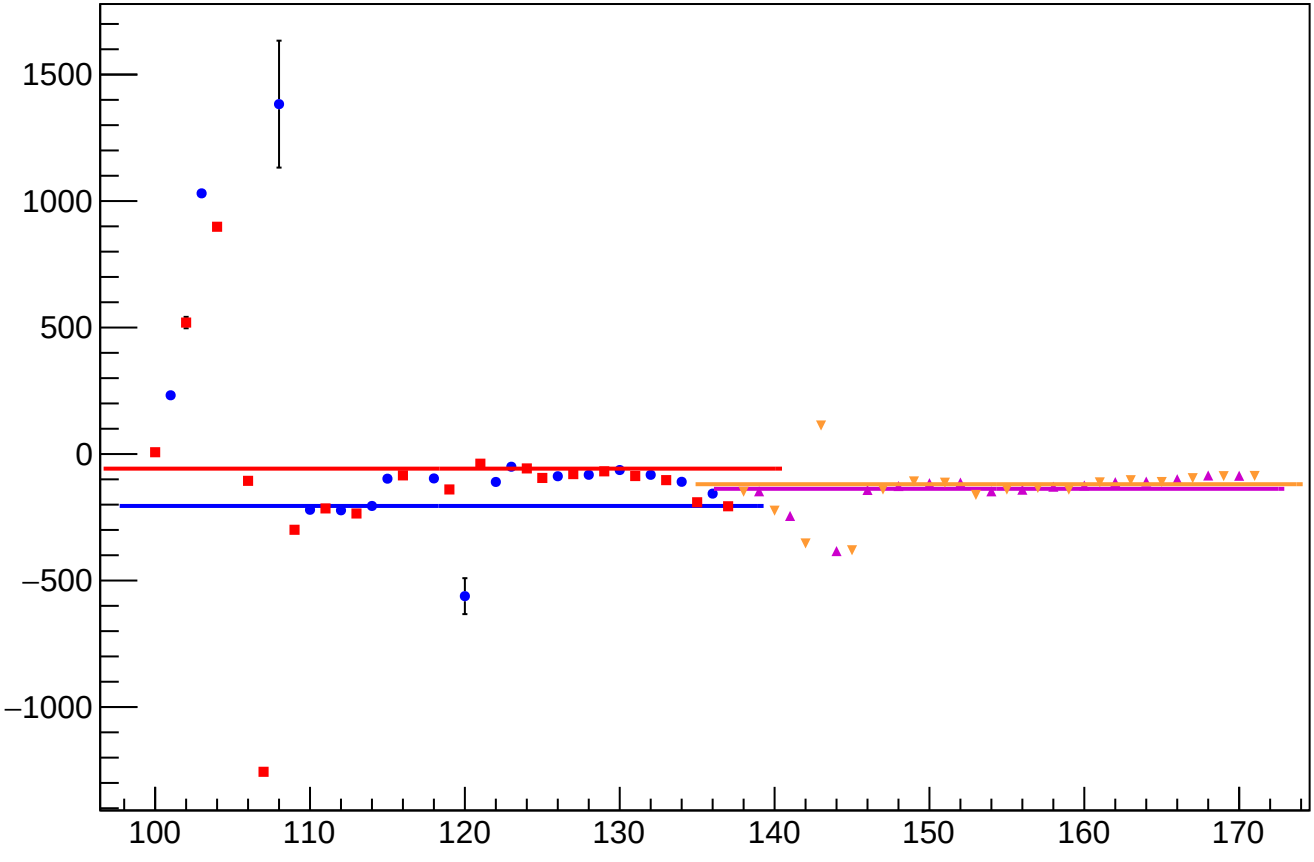
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:285243.2/32

Out: -11.075+/-0.000 χ^2/NDF:10986874.2/36

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: -119.225+/-0.216 χ^2/NDF:52258.8/17

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -137.432+/-0.281 χ^2/NDF:49891.3/15

Left: -125.997+/-0.171 χ^2/NDF: 104785.8/33

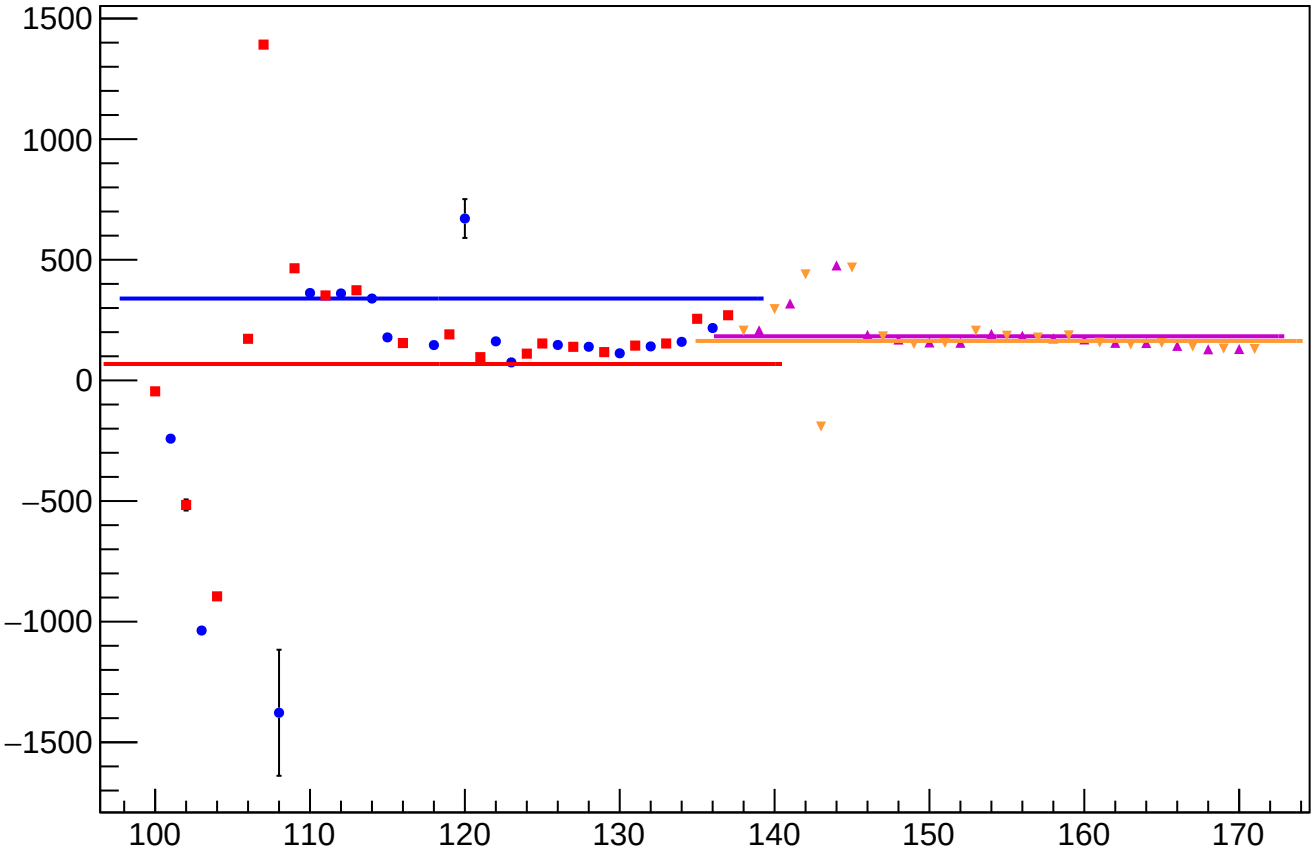
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:690738.7/32

Out: -96.569+/-0.172 χ^2/NDF:196918.9/36

All: -205.160+/-0.000 χ^2/NDF: 1286607.4/69

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 163.561+/-0.221 χ^2/NDF:86863.2/17

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 182.917+/-0.285 χ^2/NDF:56311.7/15

Left: 170.804+/-0.175 χ^2/NDF: 146055.4/33

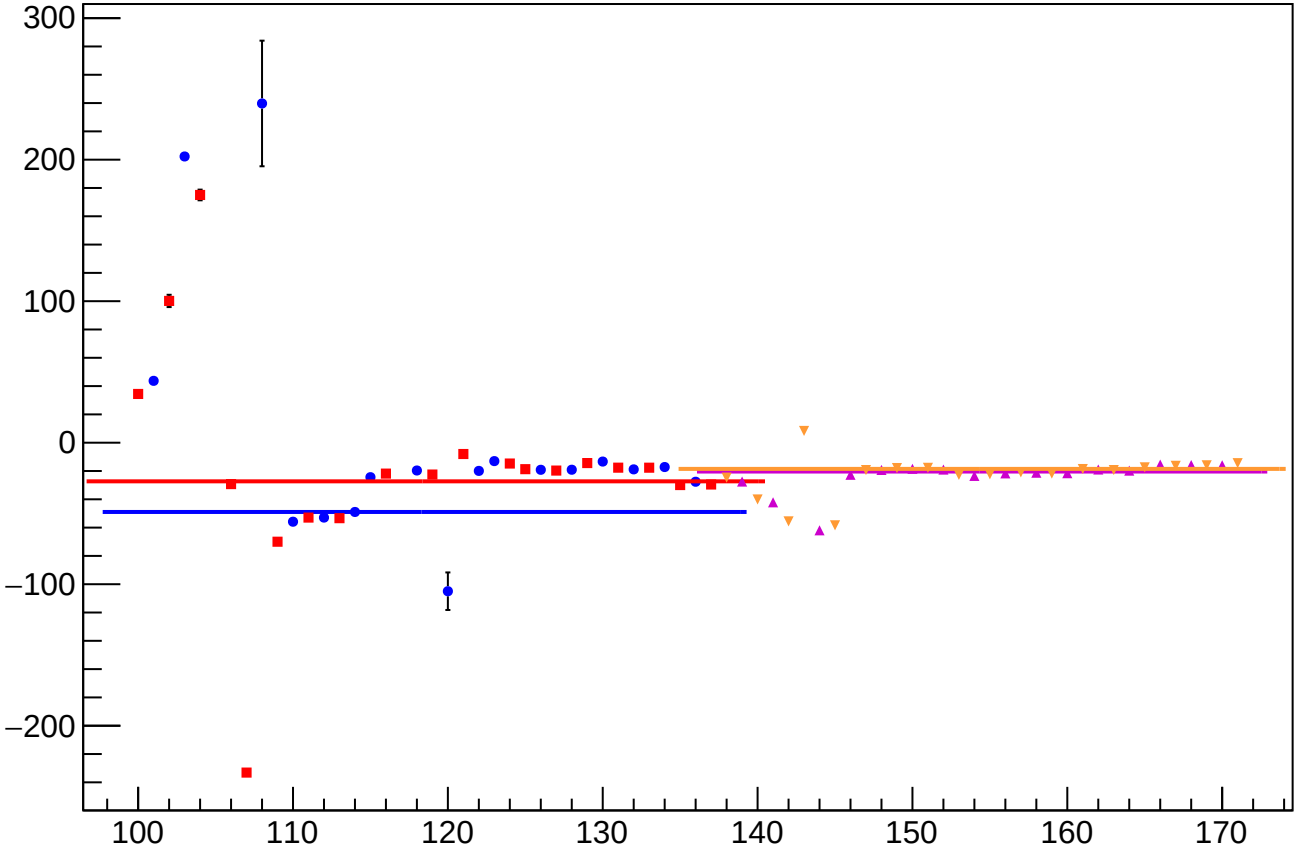
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1387446.0/32

Out: 127.934+/-0.175 χ^2/NDF:429130.4/36

All: 339.325+/-0.000 χ^2/NDF: 3280752.1/69

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -18.509+/-0.012 χ^2/NDF:583503.2/17

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -20.378+/-0.015 χ^2/NDF:150583.5/15

Left: -19.201+/-0.009 χ^2/NDF: 743769.8/33

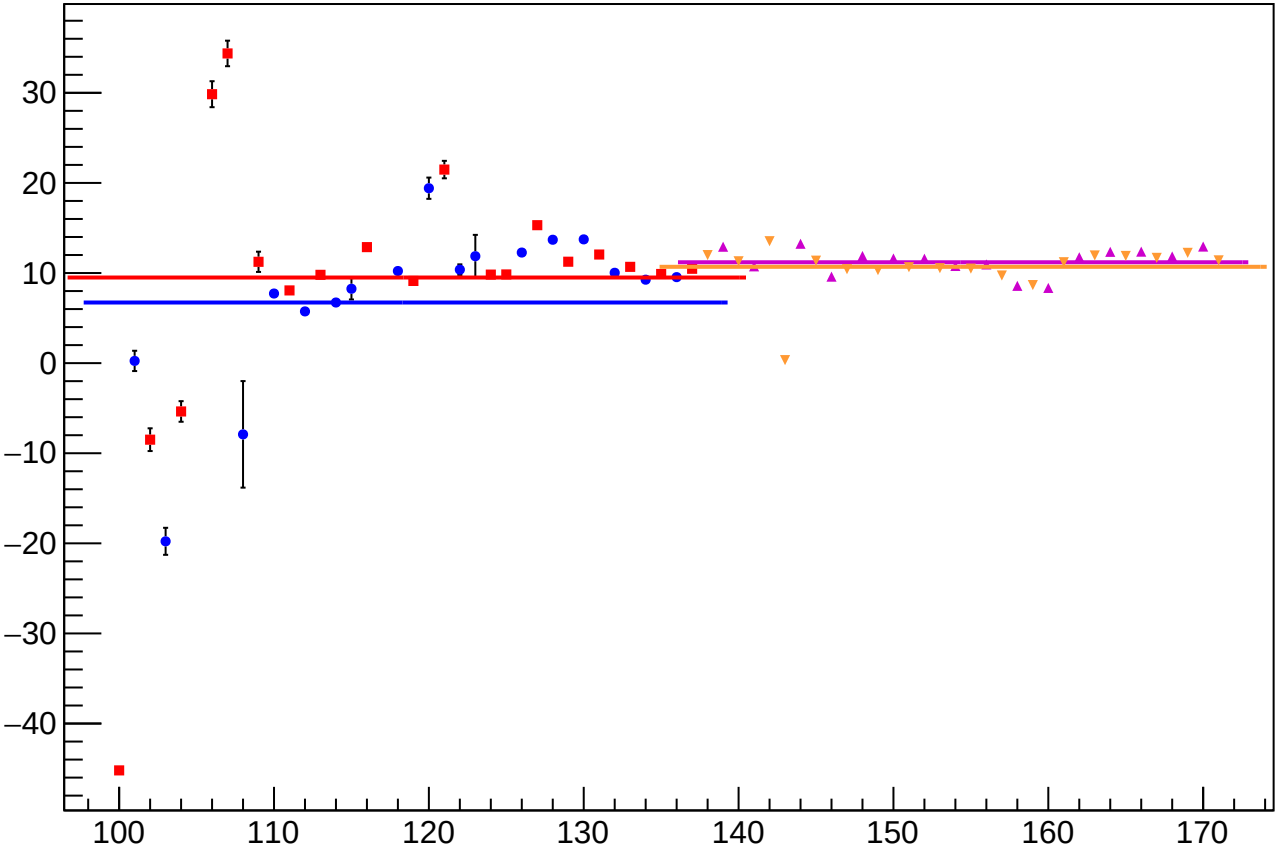
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:9148271.1/32

Out: -18.927+/-0.011 χ^2/NDF:778944.3/36

All: -48.945+/-0.000 χ^2/NDF: 17017024.1/69

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.690+/-0.015 χ^2/NDF:25710.0/17

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.195+/-0.013 χ^2/NDF:11826.0/15

Left: 10.979+/-0.010 χ^2/NDF: 38208.1/33

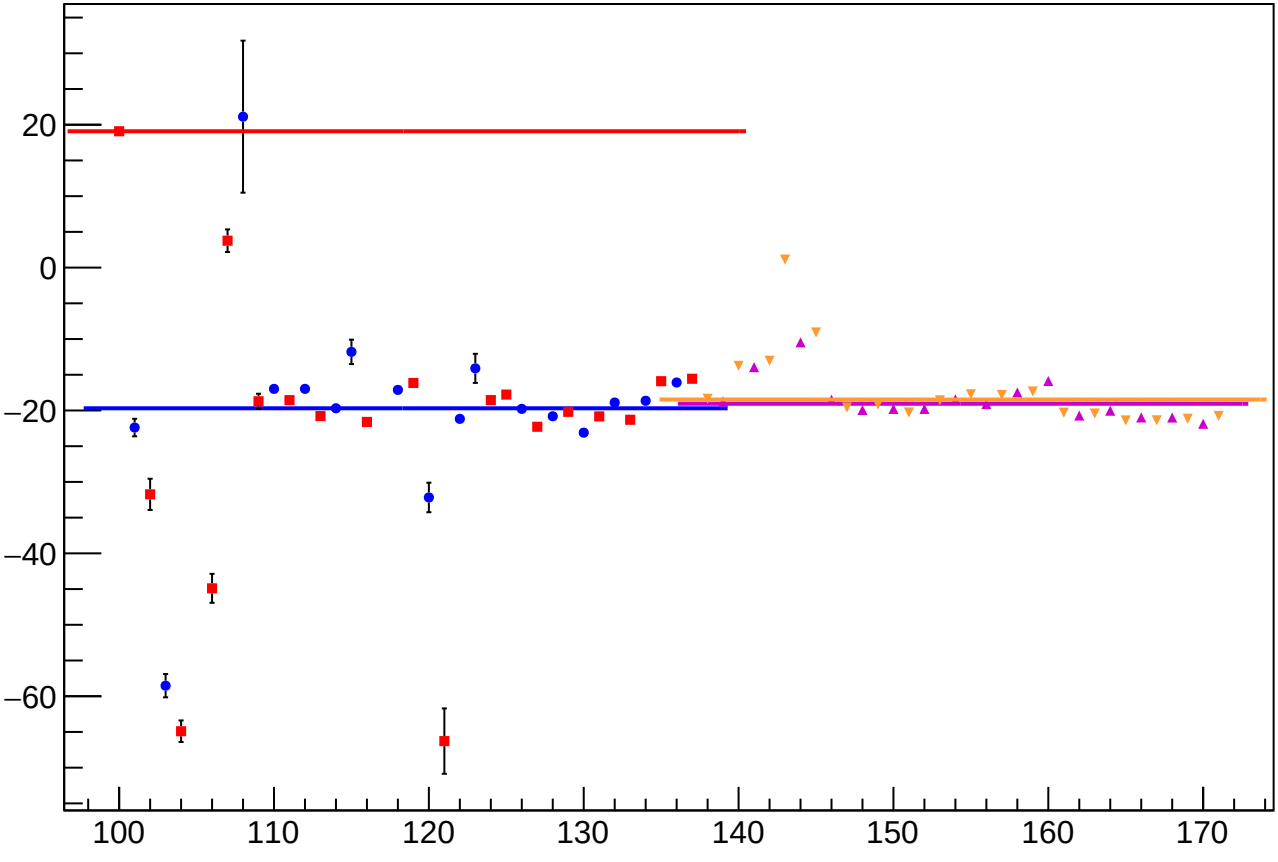
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:148193.3/32

Out: 10.517+/-0.014 χ^2/NDF:53483.4/36

All: 6.728+/-0.000 χ^2/NDF: 279334.0/69

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -18.465+/-0.018 χ^2/NDF:47010.1/17

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -19.060+/-0.018 χ^2/NDF:12408.0/15

Left: -18.763+/-0.013 χ^2/NDF: 59973.9/33

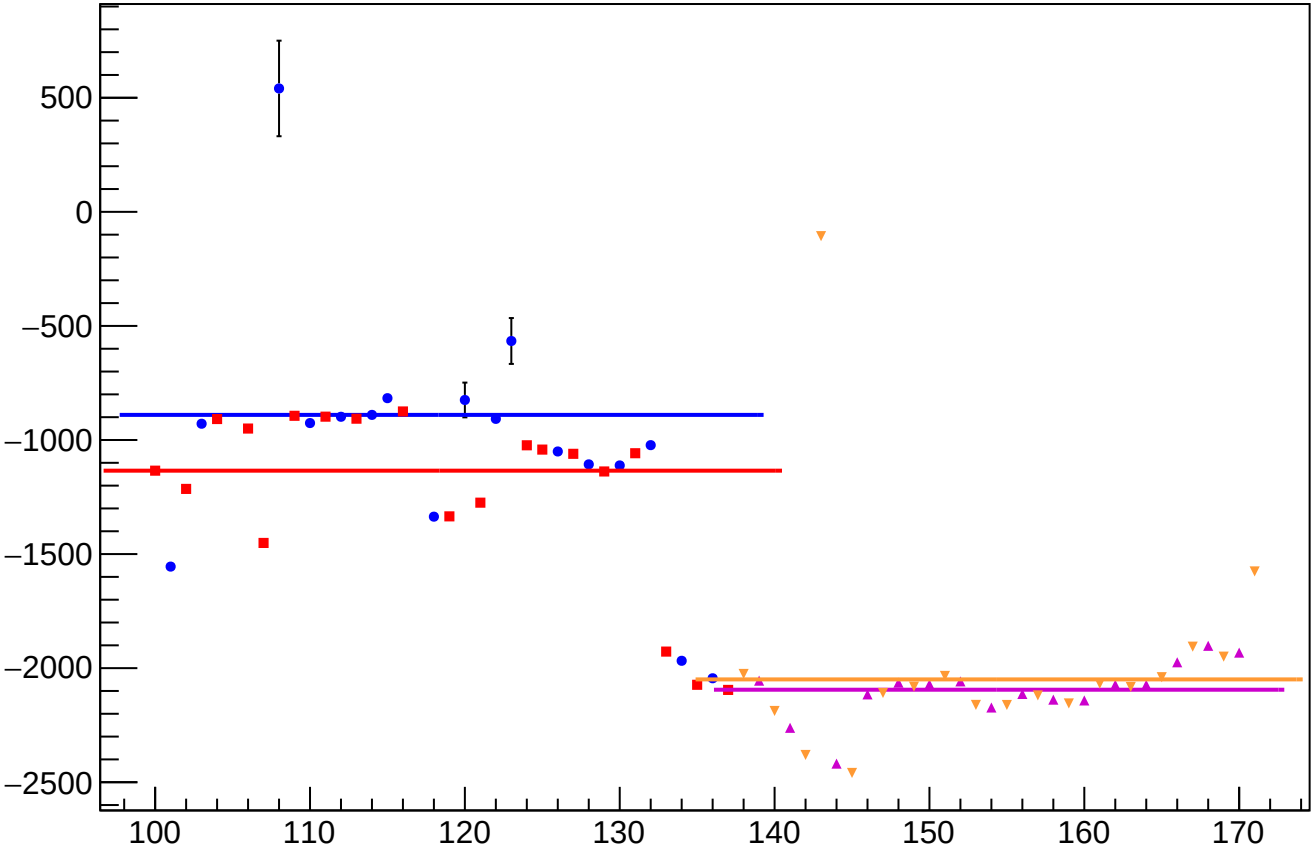
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:21251.3/32

Out: 19.086+/-0.000 χ^2/NDF:5092243.1/36

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: -2049.297+/-0.421 χ^2/NDF:312918.1/17

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2094.577+/-0.440 χ^2/NDF:65829.1/15

Left: -2070.889+/-0.304 χ^2/NDF: 384275.0/33

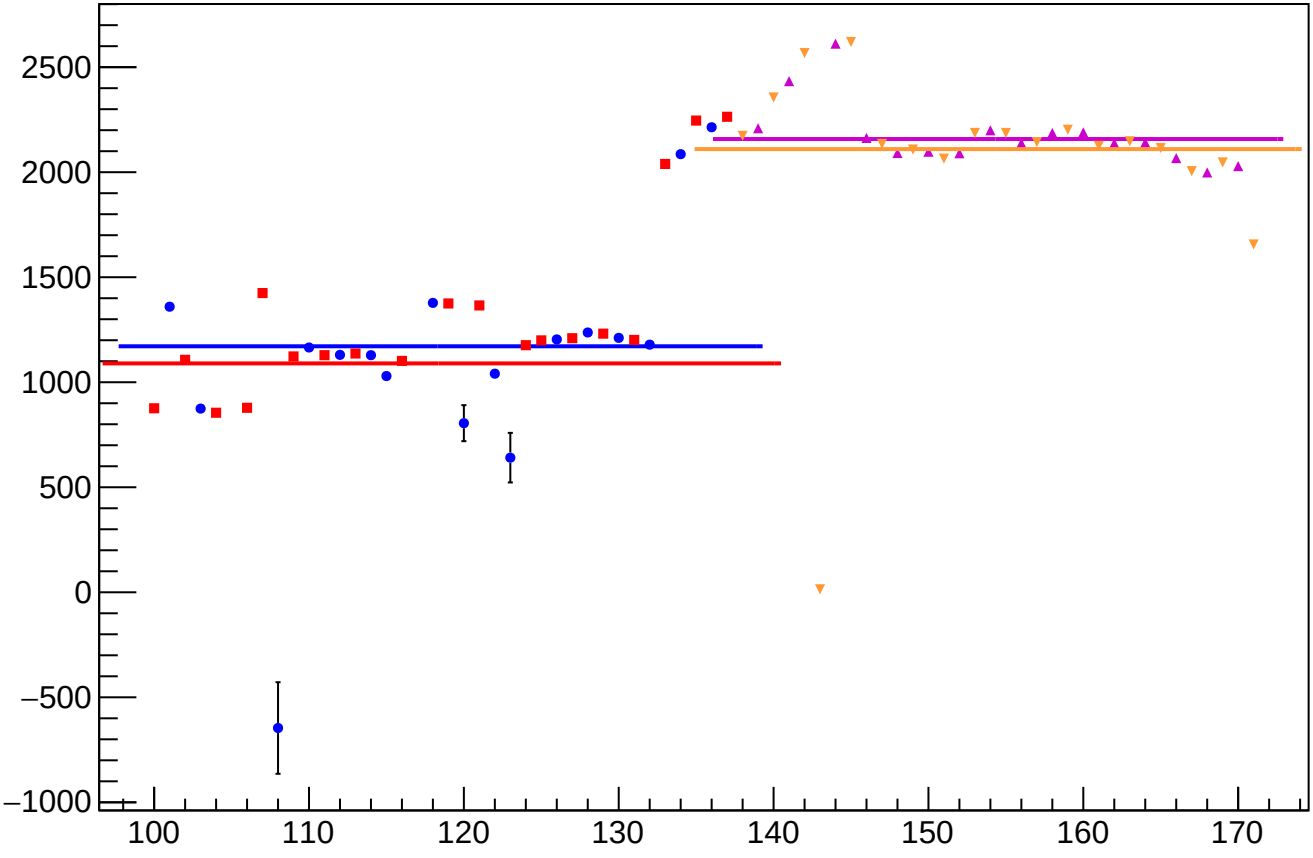
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:8320661.1/32

Out: -1134.421+/-0.000 χ^2/NDF:5779114.8/36

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: 2110.009+/-0.421 χ^2/NDF:331887.8/17

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2157.973+/-0.442 χ^2/NDF:77285.0/15

Left: 2132.809+/-0.305 χ^2/NDF: 415343.2/33

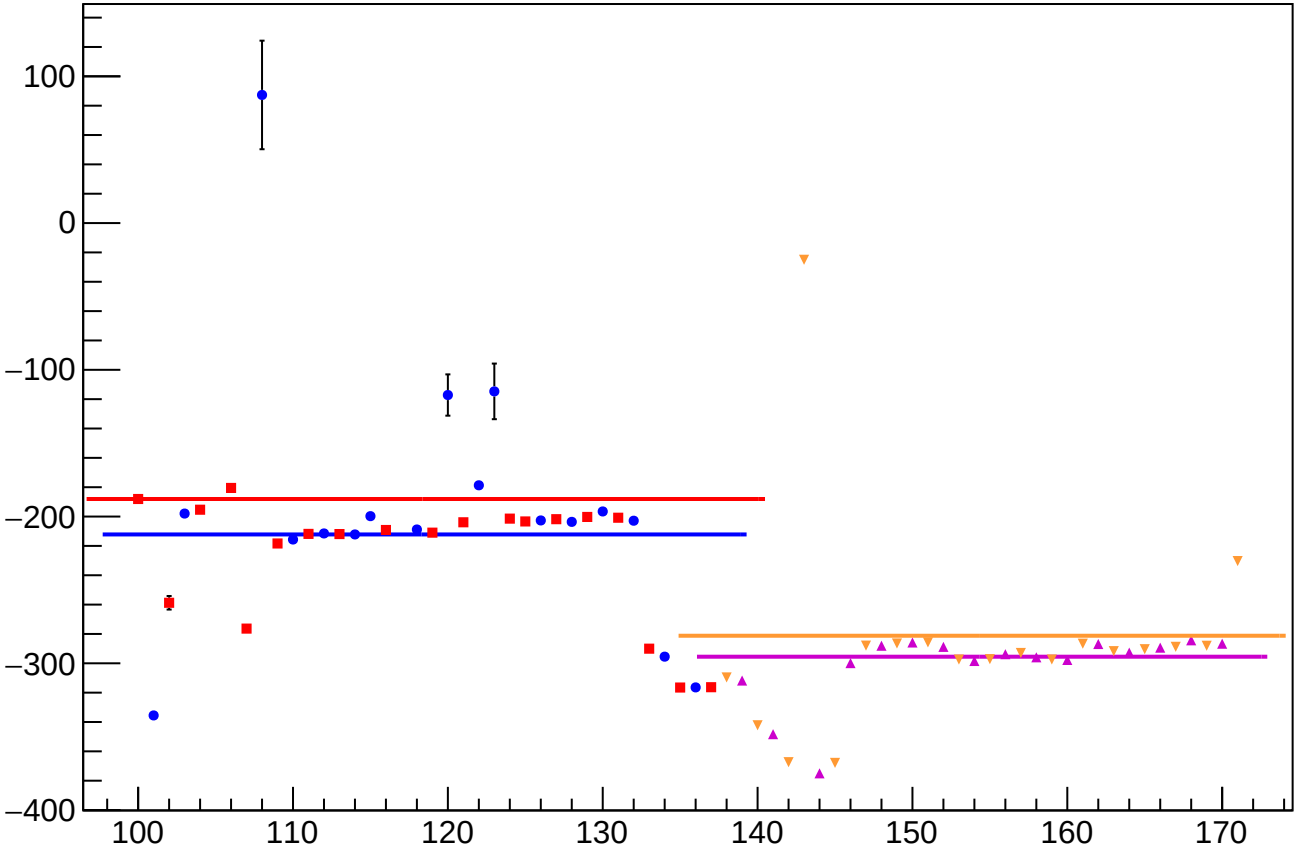
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1403.441+/-0.215 χ^2/NDF:4392805.7/32

Out: 1361.125+/-0.217 χ^2/NDF:5743469.9/36

All: 1382.535+/-0.153 χ^2/NDF: 10155492.1/6

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -281.218+/-0.025 χ^2/NDF:5776860.1/17

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -295.504+/-0.024 χ^2/NDF:311749.6/15

Left: -288.463+/-0.017 χ^2/NDF: 6256351.4/33

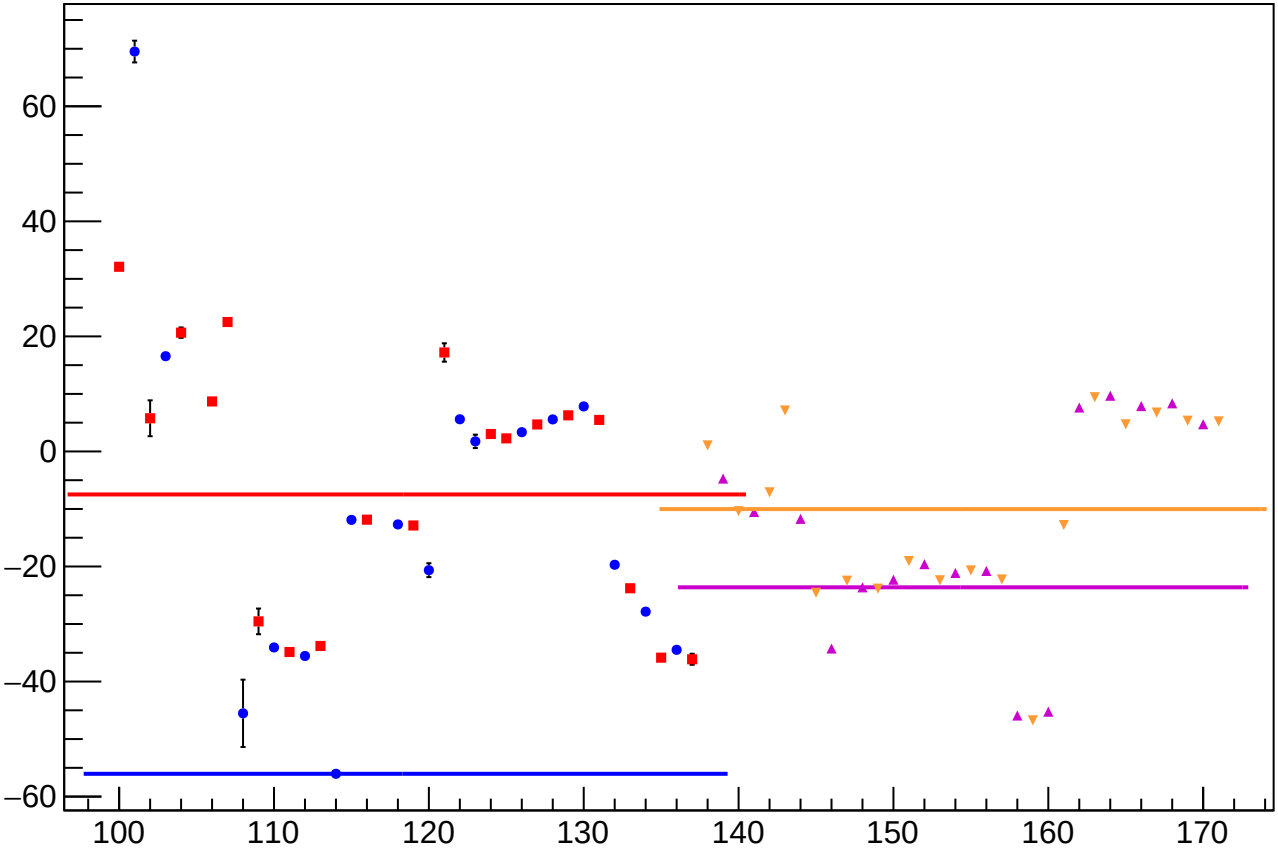
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:13034957.9/32

Out: -188.033+/-0.000 χ^2/NDF:20451940.0/36

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: -10.023+/-0.020 χ^2/NDF:907139.3/17

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -23.618+/-0.023 χ^2/NDF:679075.5/15

Left: -15.904+/-0.015 χ^2/NDF: 1784397.4/33

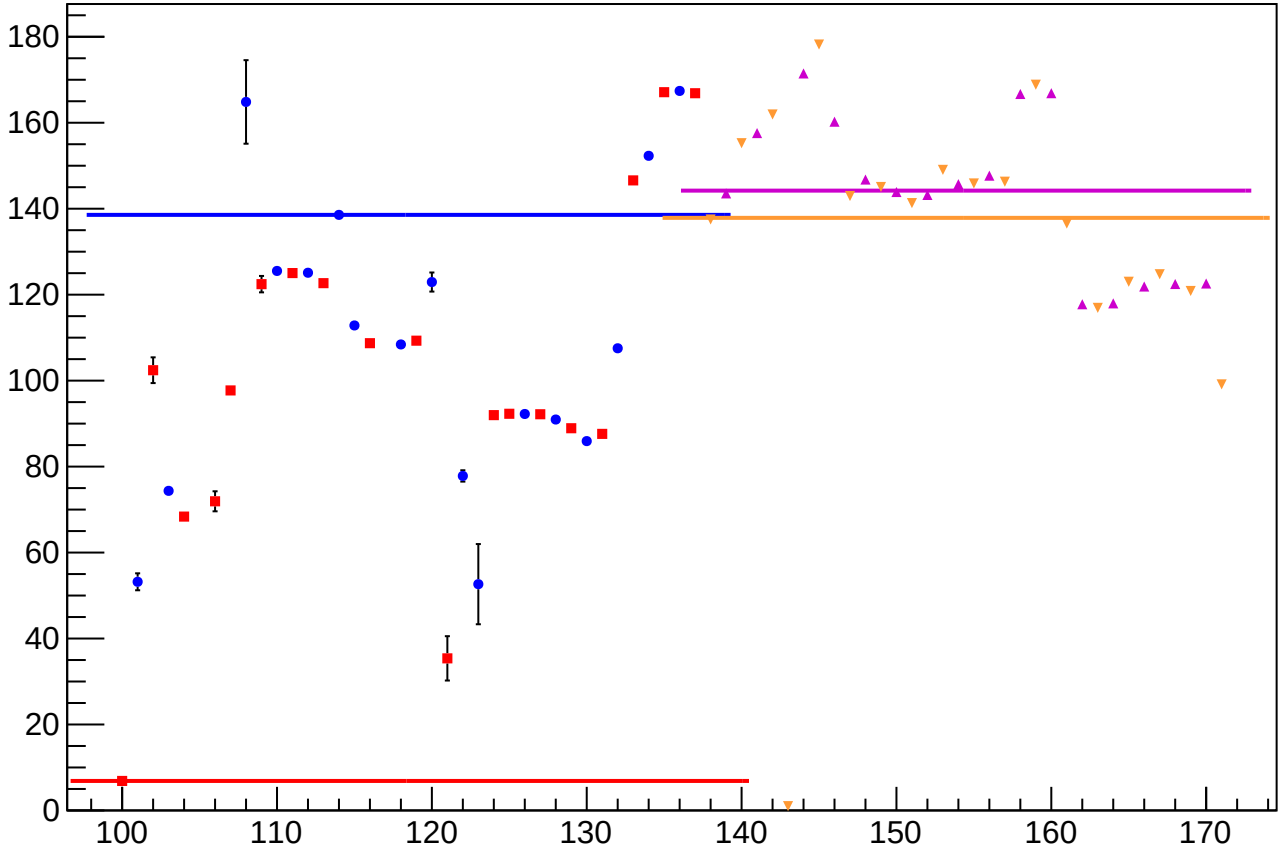
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:4250594.3/32

Out: -9.552+/-0.018 χ^2/NDF:1084004.3/36

All: -56.037+/-0.000 χ^2/NDF: 11904928.7/69

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 137.870+/-0.029 χ^2/NDF:556036.8/17

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 144.206+/-0.031 χ^2/NDF:248489.6/15

Left: 140.825+/-0.021 χ^2/NDF: 826891.8/33

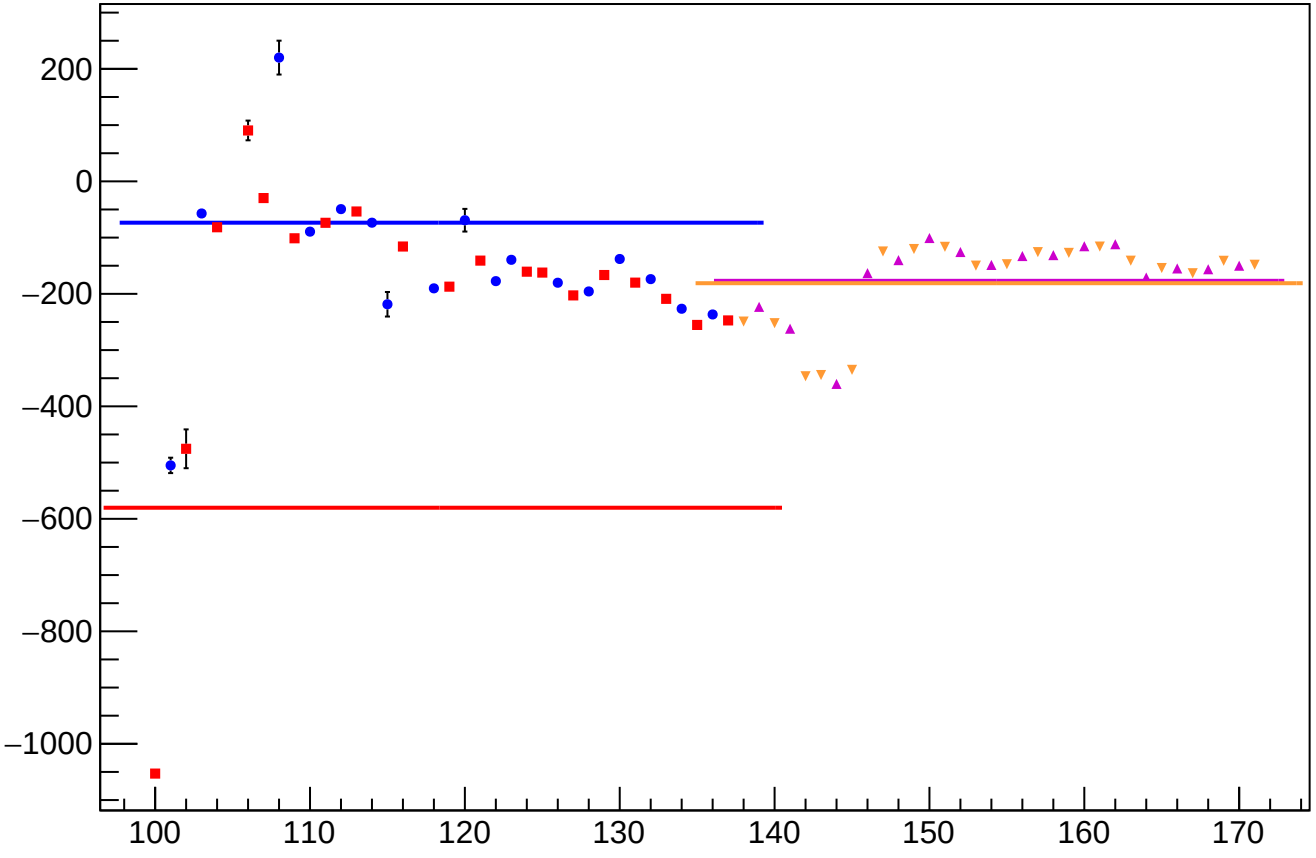
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:1182873.4/32

Out: 6.866+/-0.000 χ^2/NDF:29102405.7/36

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: -181.090+/-0.270 χ^2/NDF:69788.3/17

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -176.847+/-0.294 χ^2/NDF:62722.6/15

Left: -179.150+/-0.199 χ^2/NDF: 132624.2/33

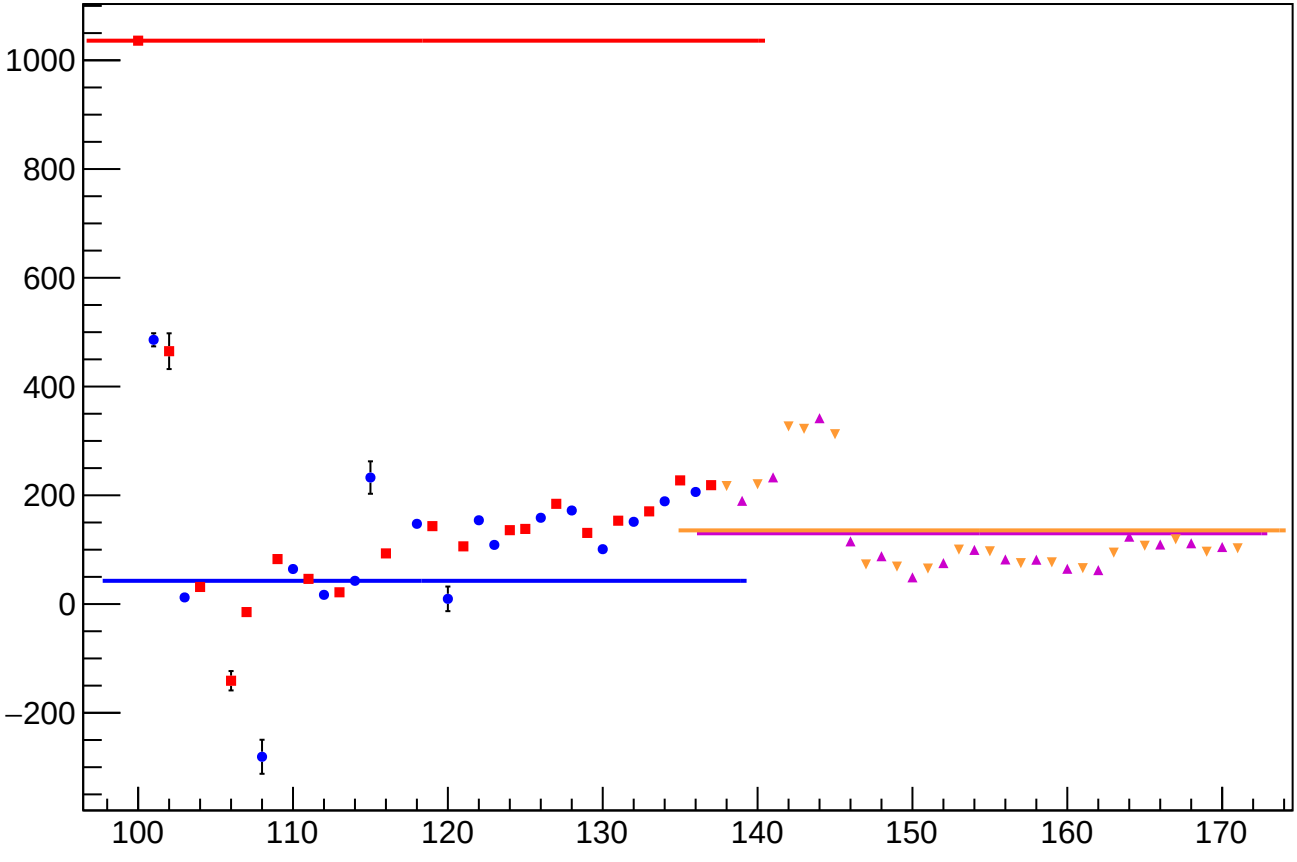
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:285237.8/32

Out: -387.185+/-0.187 χ^2/NDF:4233287.0/36

All: -73.485+/-0.000 χ^2/NDF: 7317727.4/69

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 135.492+/-0.274 χ^2/NDF:84006.7/17

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 130.136+/-0.300 χ^2/NDF:71914.4/15

Left: 133.048+/-0.202 χ^2/NDF: 156094.8/33

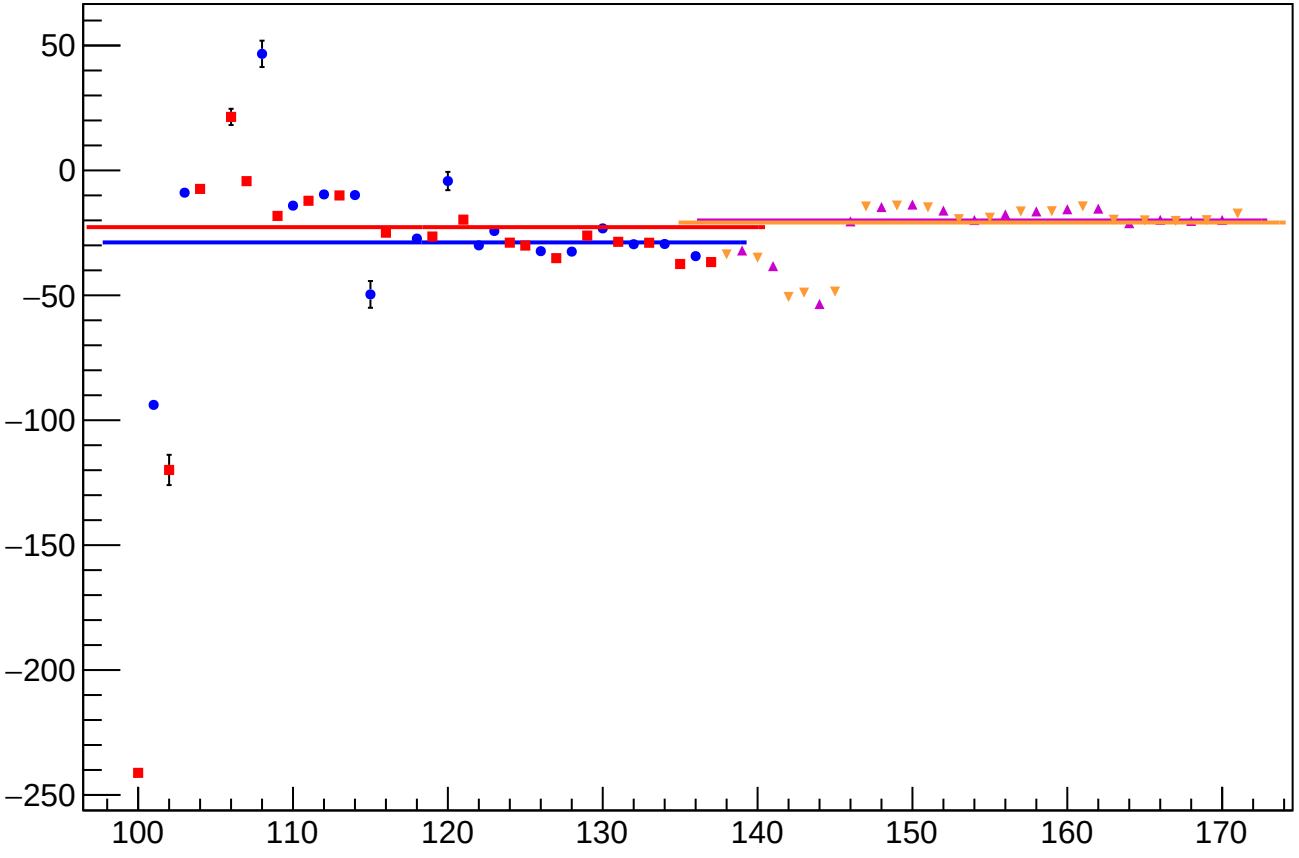
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:241630.3/32

Out: 1036.068+/-0.000 χ^2/NDF:15782583.6/36

All: 43.272+/-0.000 χ^2/NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -20.855+/-0.014 χ^2/NDF:349652.0/17

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -20.036+/-0.017 χ^2/NDF:200381.6/15

Left: -20.511+/-0.011 χ^2/NDF: 551456.0/33

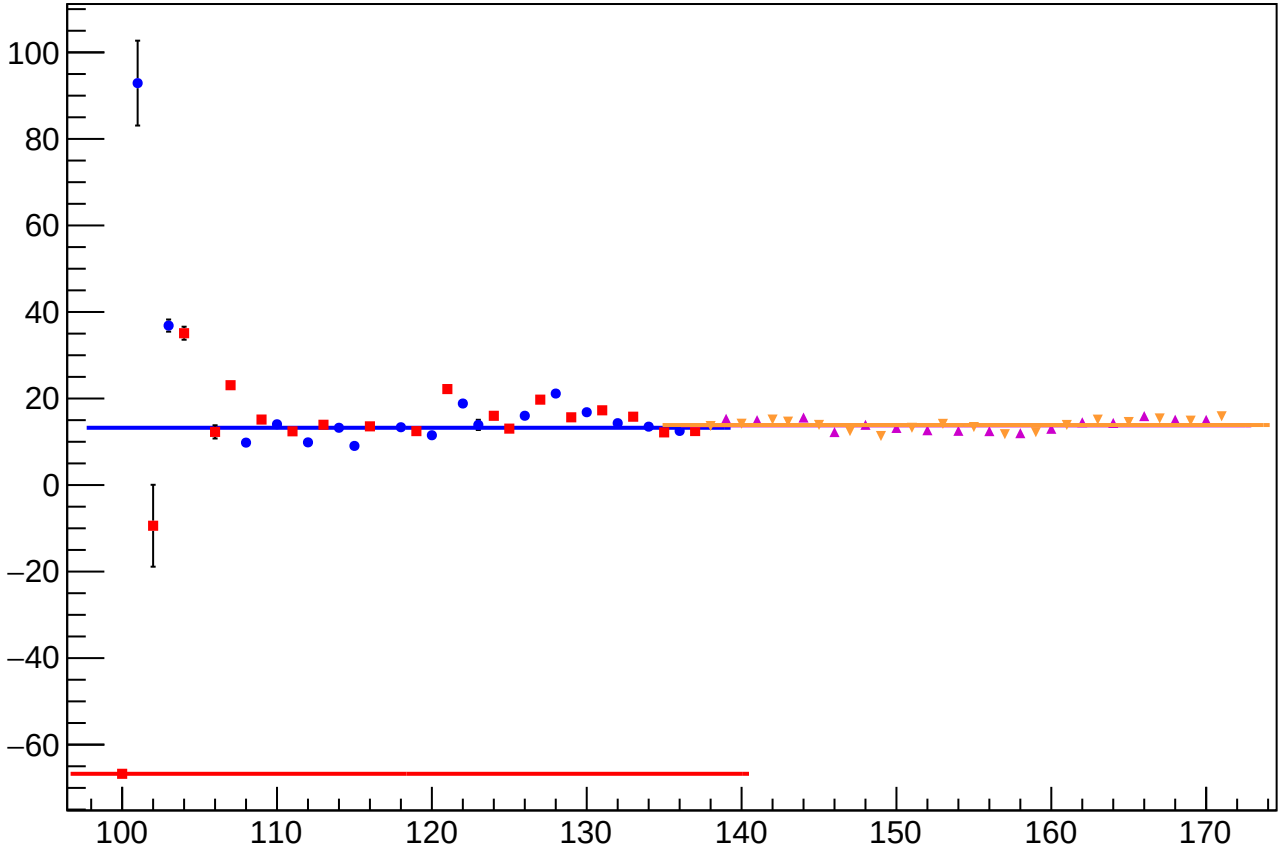
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -21.657+/-0.015 χ^2/NDF:302053.8/32

Out: -21.077+/-0.013 χ^2/NDF:761908.6/36

All: -21.331+/-0.010 χ^2/NDF: 1064809.6/69

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.870+/-0.013 χ^2/NDF:7815.0/17

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 13.791+/-0.015 χ^2/NDF:7048.9/15

Left: 13.834+/-0.010 χ^2/NDF: 14880.0/33

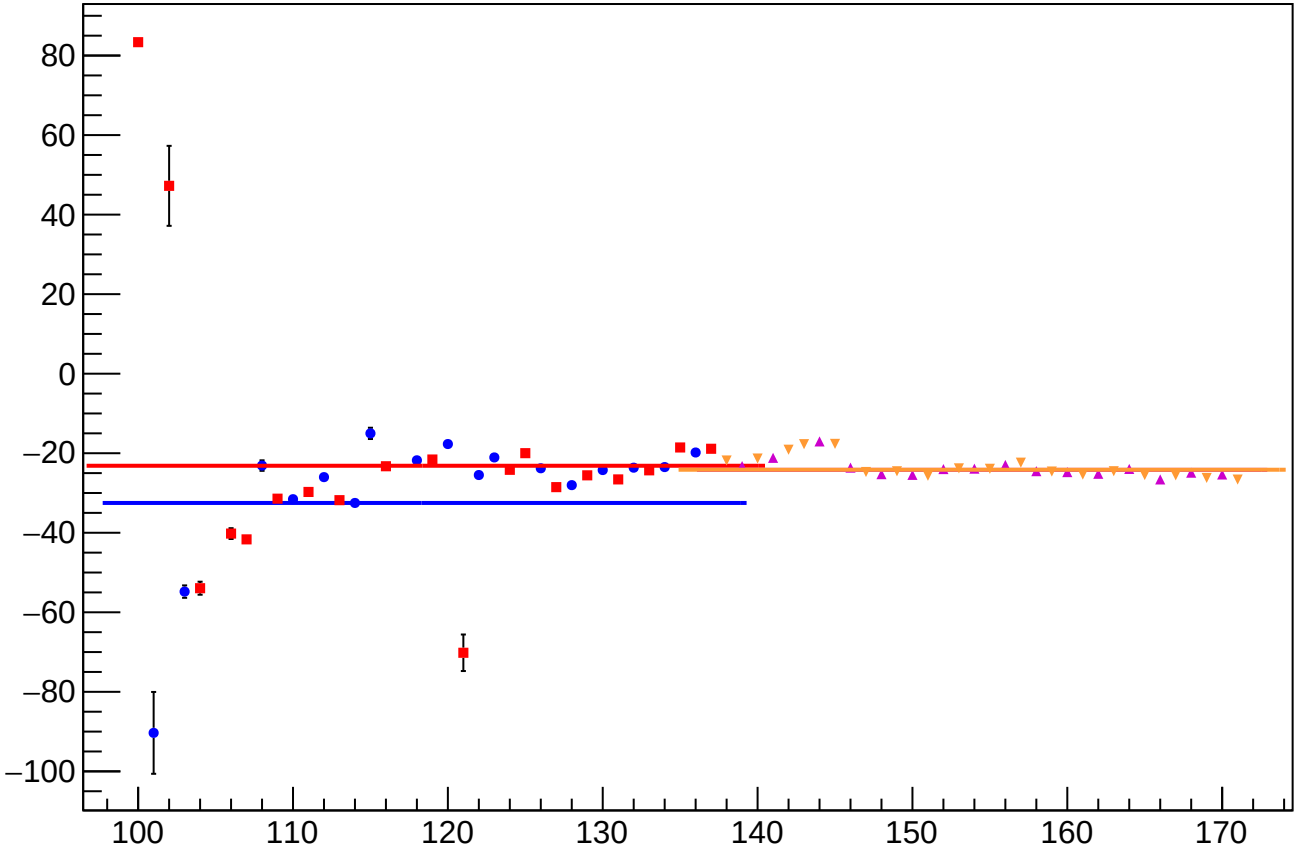
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:14237.3/32

Out: -66.739+/-0.000 χ^2/NDF:38912554.1/36

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -24.152+/-0.018 χ^2/NDF:18453.5/17

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.189+/-0.018 χ^2/NDF:6791.9/15

Left: -24.170+/-0.013 χ^2/NDF: 25247.5/33

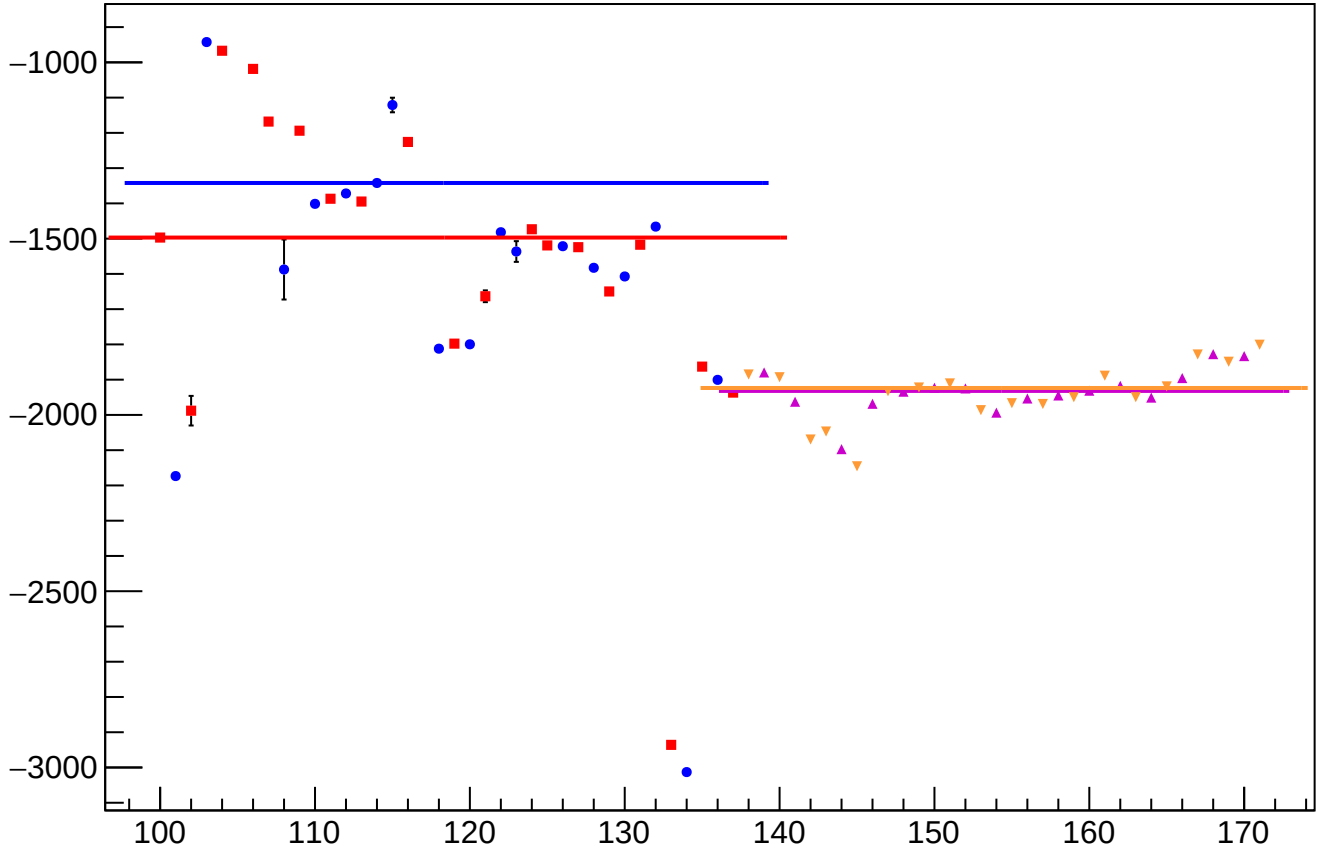
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:289098.3/32

Out: -24.029+/-0.017 χ^2/NDF:109590.5/36

All: -32.504+/-0.000 χ^2/NDF: 656116.0/69

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1923.581+/-0.364 χ^2/NDF:38500.2/17

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1931.915+/-0.325 χ^2/NDF:26614.9/15

Left: -1928.218+/-0.243 χ^2/NDF: 65406.6/33

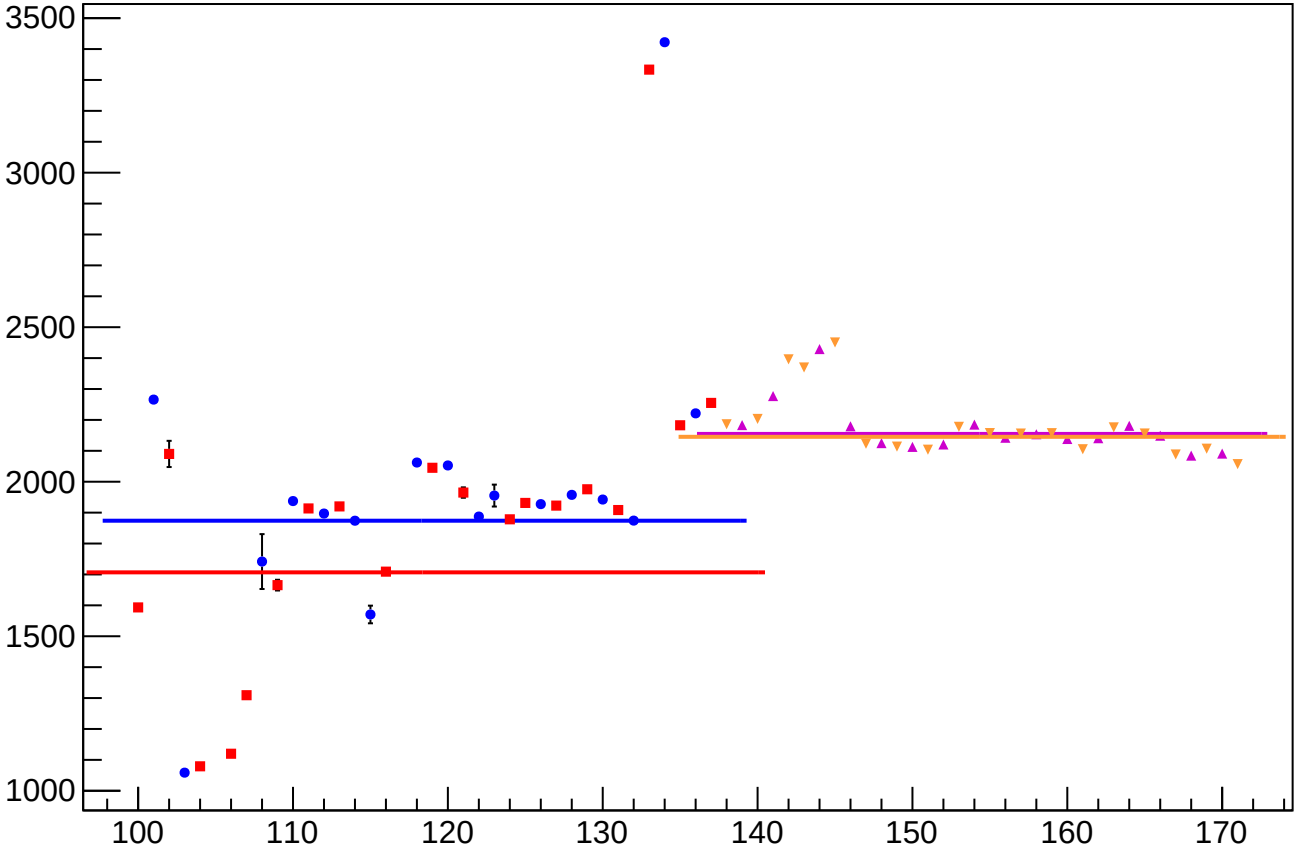
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:3688539.5/32

Out: -1496.932+/-0.000 χ^2/NDF:1915964.3/36

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: 2145.310+/-0.369 χ^2/NDF:37141.8/17

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2154.665+/-0.326 χ^2/NDF:40903.0/15

Left: 2150.561+/-0.244 χ^2/NDF: 78405.9/33

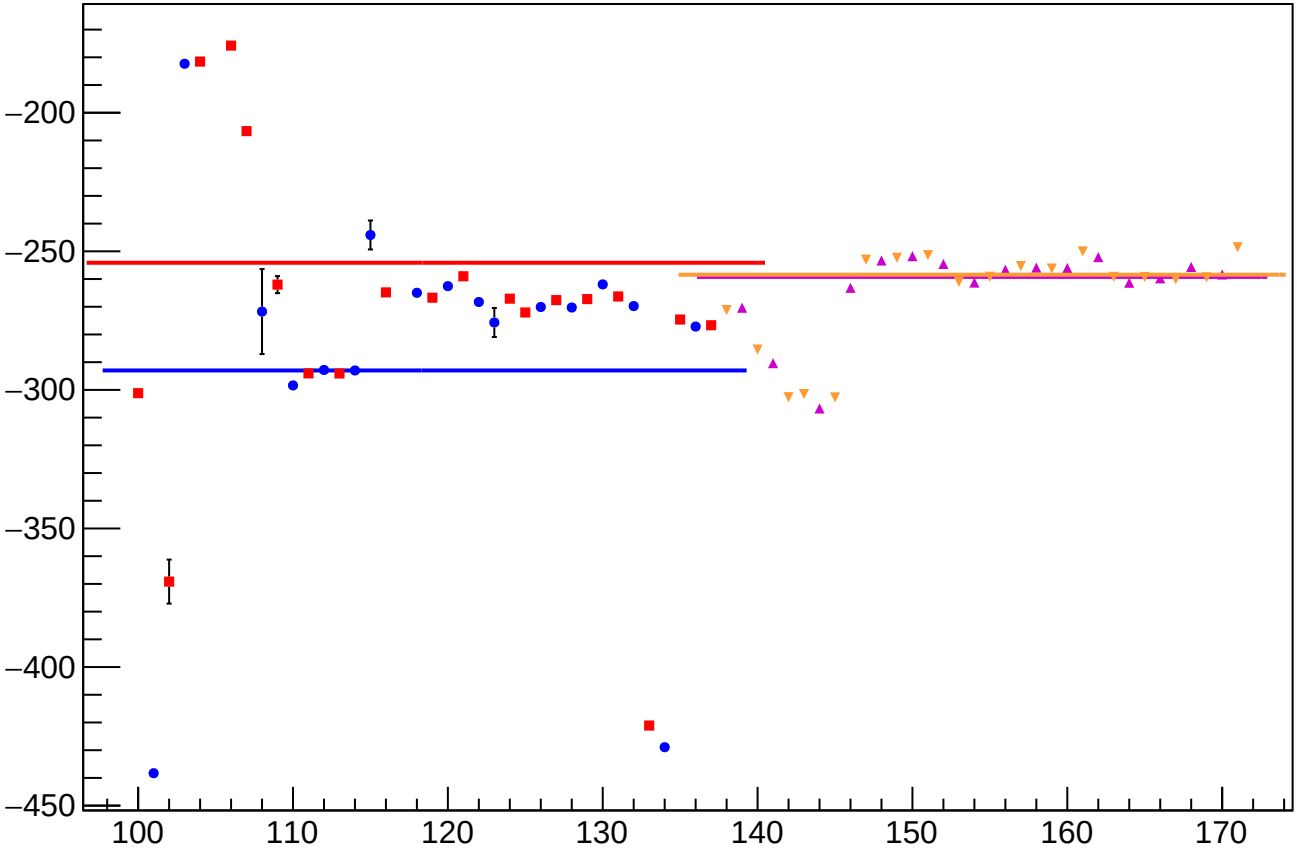
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:983966.9/32

Out: 1883.037+/-0.234 χ^2/NDF:1720639.3/36

All: 1873.852+/-0.000 χ^2/NDF: 2706148.9/69

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -258.440+/-0.022 χ^2/NDF:213754.6/17

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -259.229+/-0.019 χ^2/NDF:249461.9/15

Left: -258.883+/-0.014 χ^2/NDF: 463955.7/33

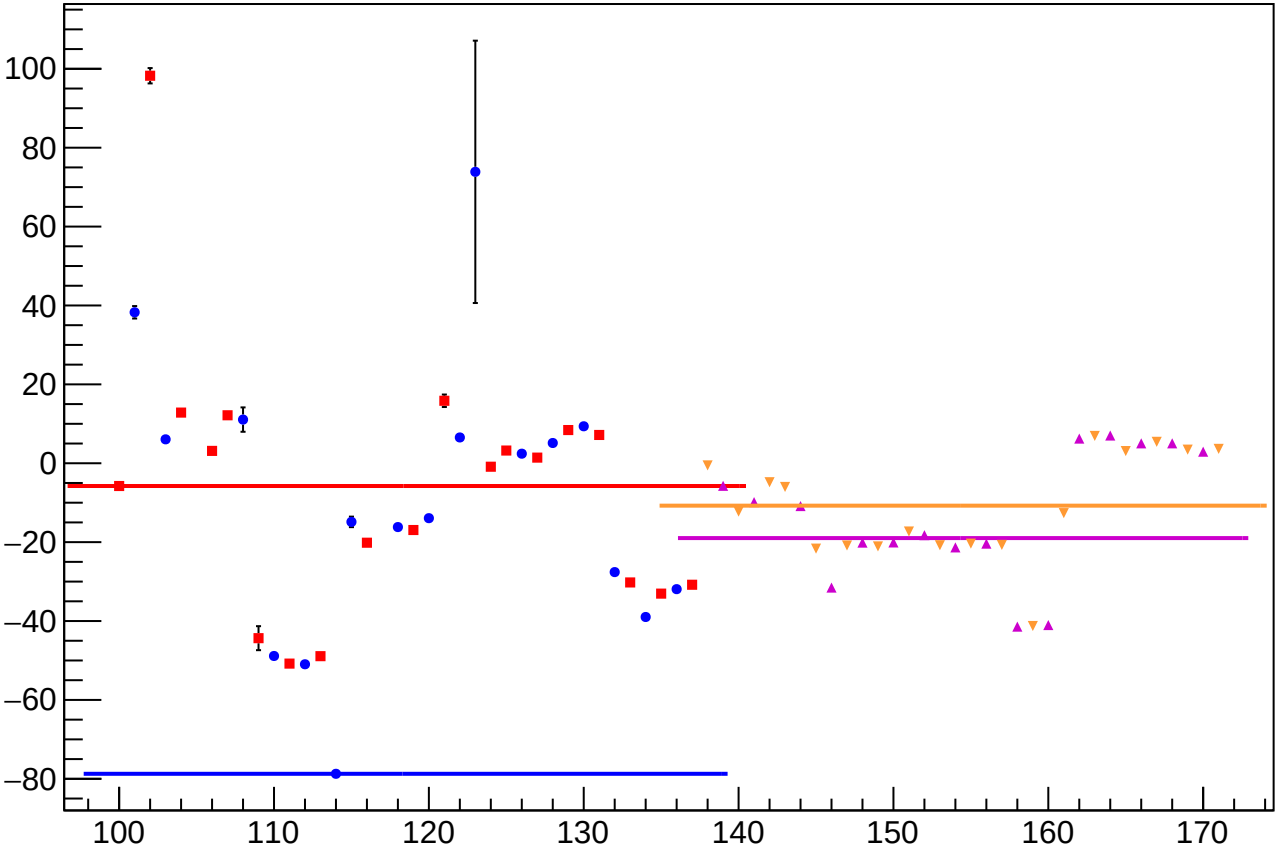
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:4349695.3/32

Out: -257.923+/-0.020 χ^2/NDF:721136.2/36

All: -292.986+/-0.000 χ^2/NDF: 8023830.9/69

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -10.750+/-0.019 χ^2/NDF:738786.3/17

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -18.970+/-0.019 χ^2/NDF:749779.8/15

Left: -14.998+/-0.013 χ^2/NDF: 1583914.6/33

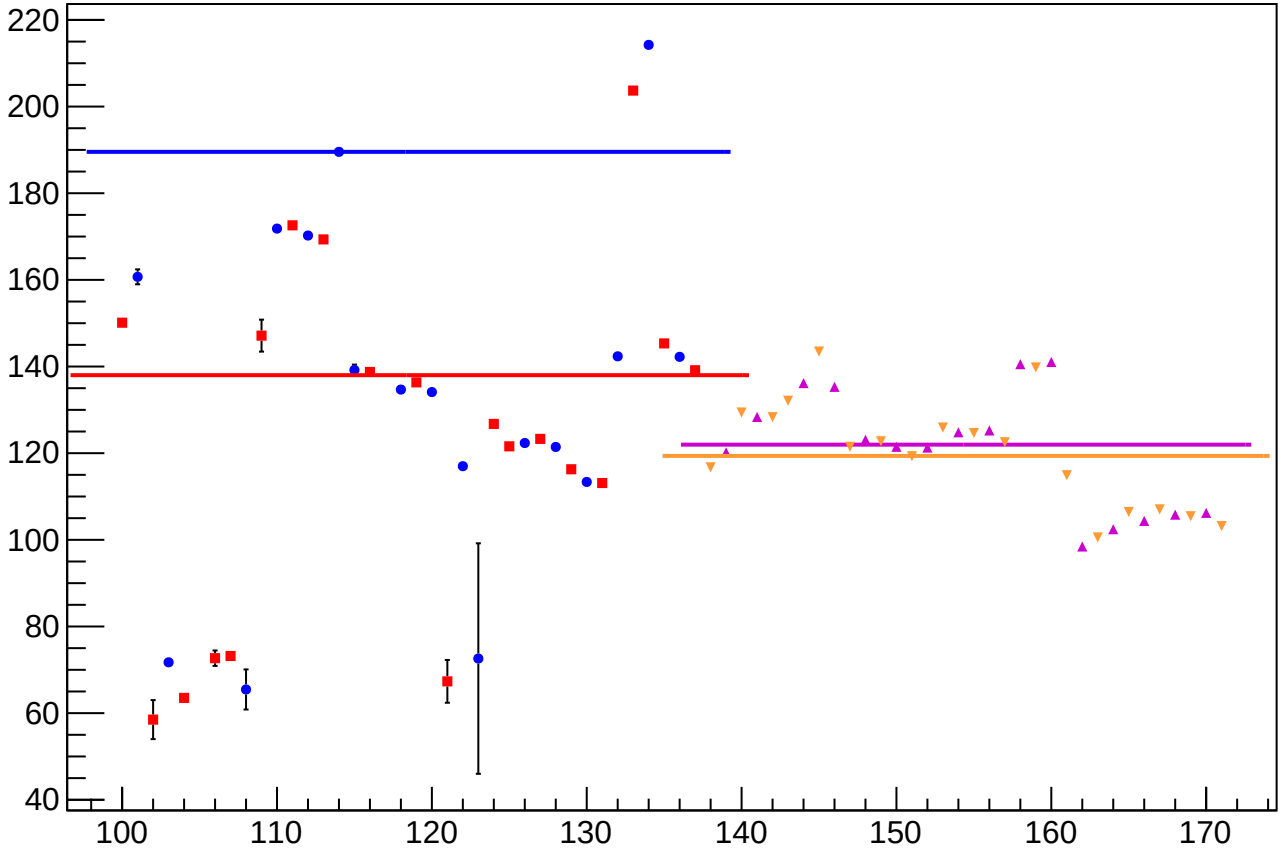
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:12577886.2/32

Out: -5.769+/-0.000 χ^2/NDF:918076.5/36

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: 119.372+/-0.025 χ^2/NDF:208656.6/17

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 121.970+/-0.026 χ^2/NDF:230100.3/15

Left: 120.602+/-0.018 χ^2/NDF: 443870.8/33

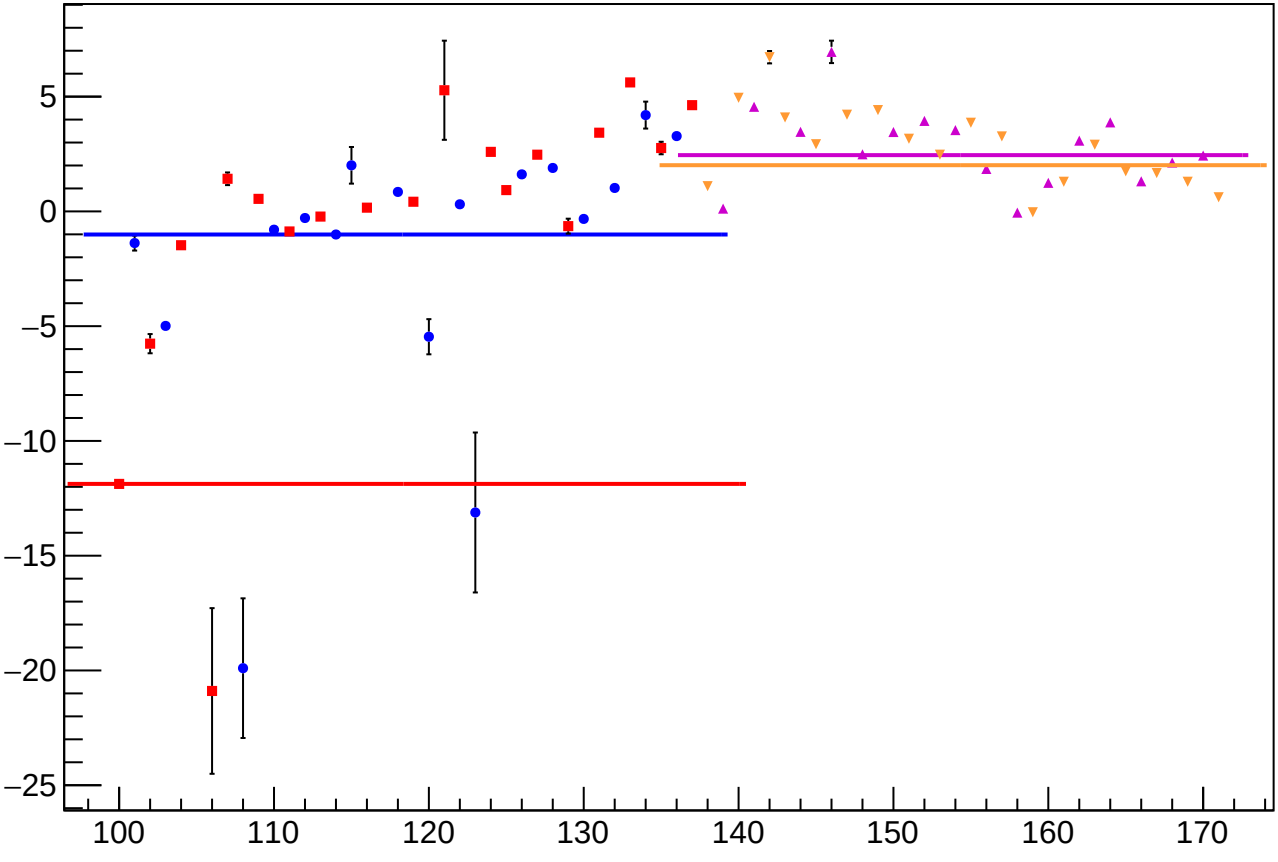
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:7733695.5/32

Out: 122.202+/-0.023 χ^2/NDF:410385.3/36

All: 189.551+/-0.000 χ^2/NDF: 16701925.4/69

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.013+/-0.020 χ^2/NDF:5655.6/17

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.451+/-0.017 χ^2/NDF:6453.5/15

Left: 2.265+/-0.013 χ^2/NDF: 12397.5/33

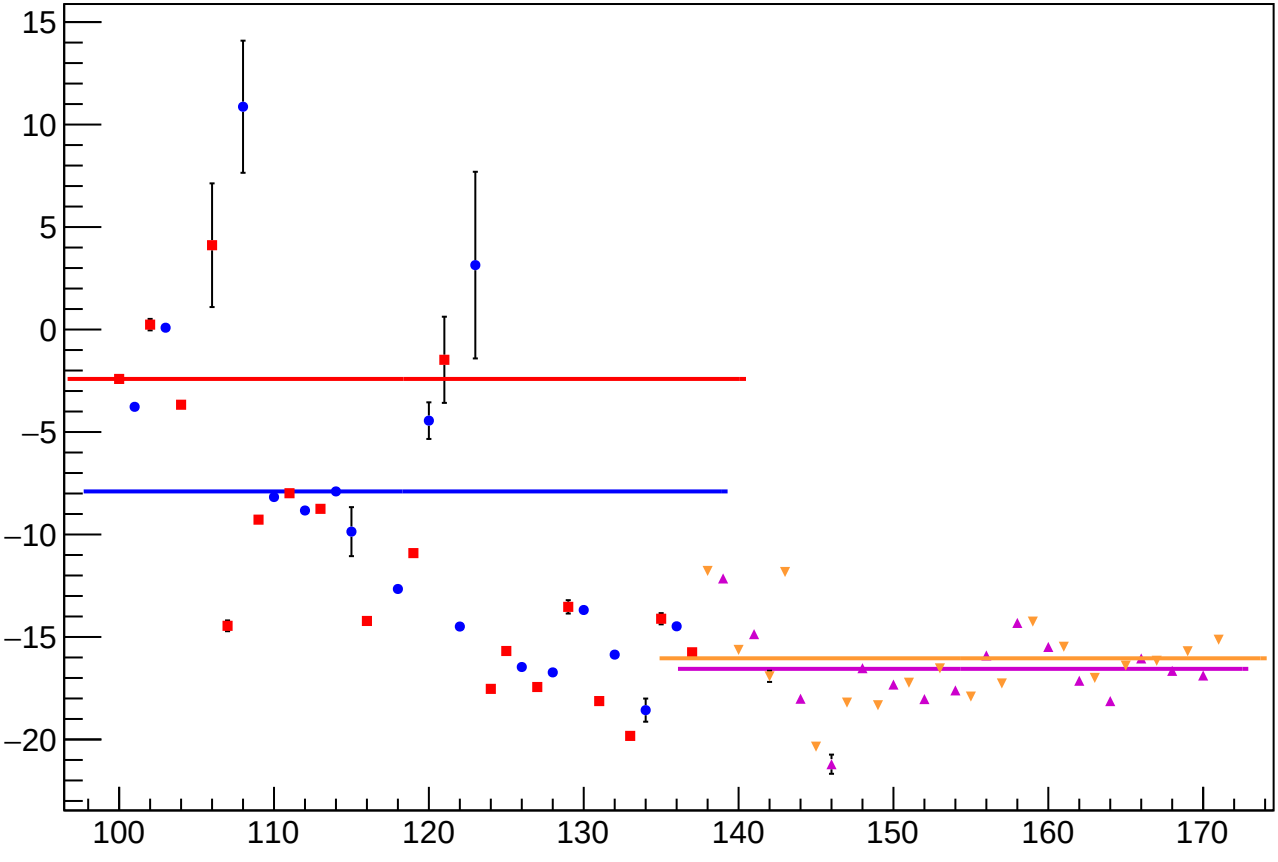
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:55660.4/32

Out: -11.872+/-0.000 χ^2/NDF:1012902.5/36

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: -16.040+/-0.019 χ^2/NDF:6258.2/17

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.555+/-0.017 χ^2/NDF:5408.5/15

Left: -16.323+/-0.013 χ^2/NDF: 12058.6/33

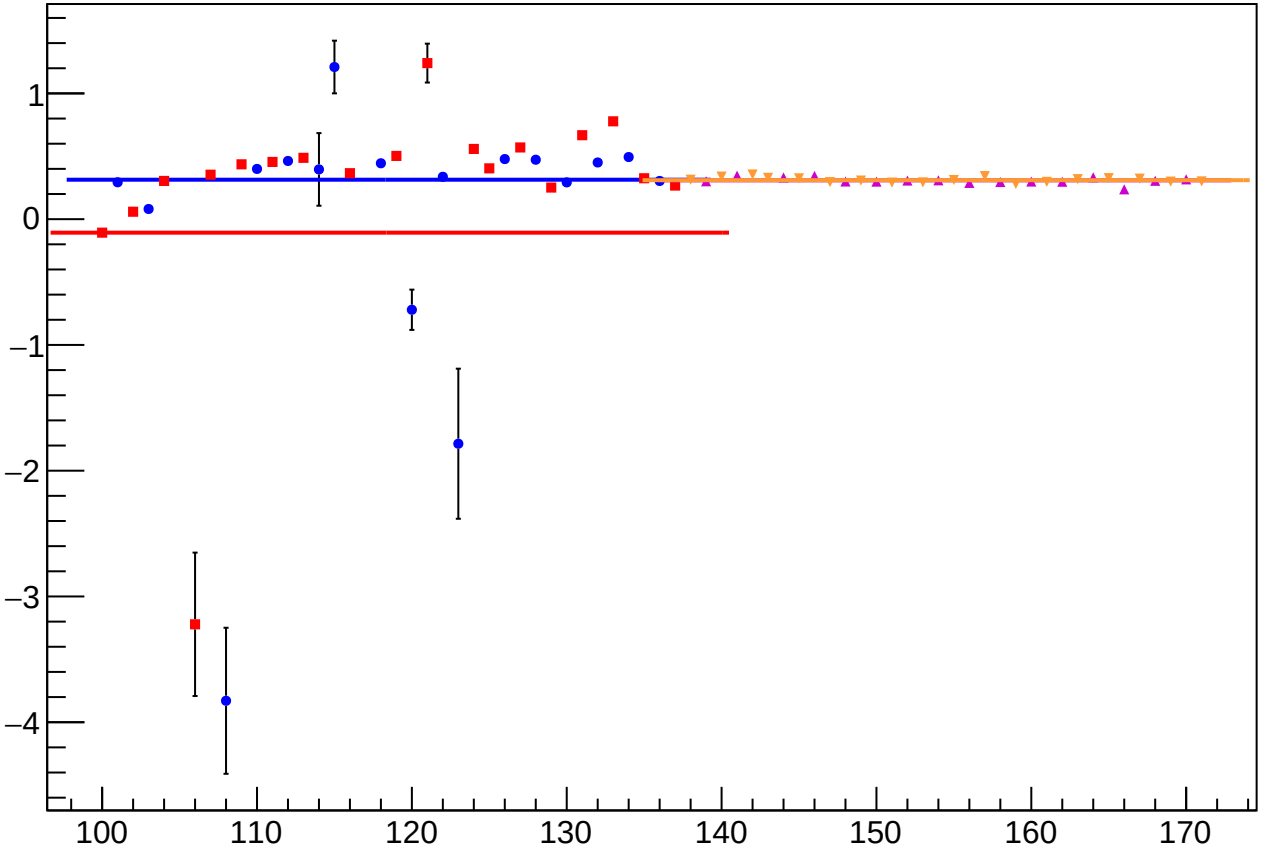
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:290164.7/32

Out: -2.410+/-0.000 χ^2/NDF:708512.0/36

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.310+/-0.000 χ^2/NDF:4219.6/17

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.309+/-0.000 χ^2/NDF:2710.3/15

Left: 0.309+/-0.000 χ^2/NDF: 6937.4/33

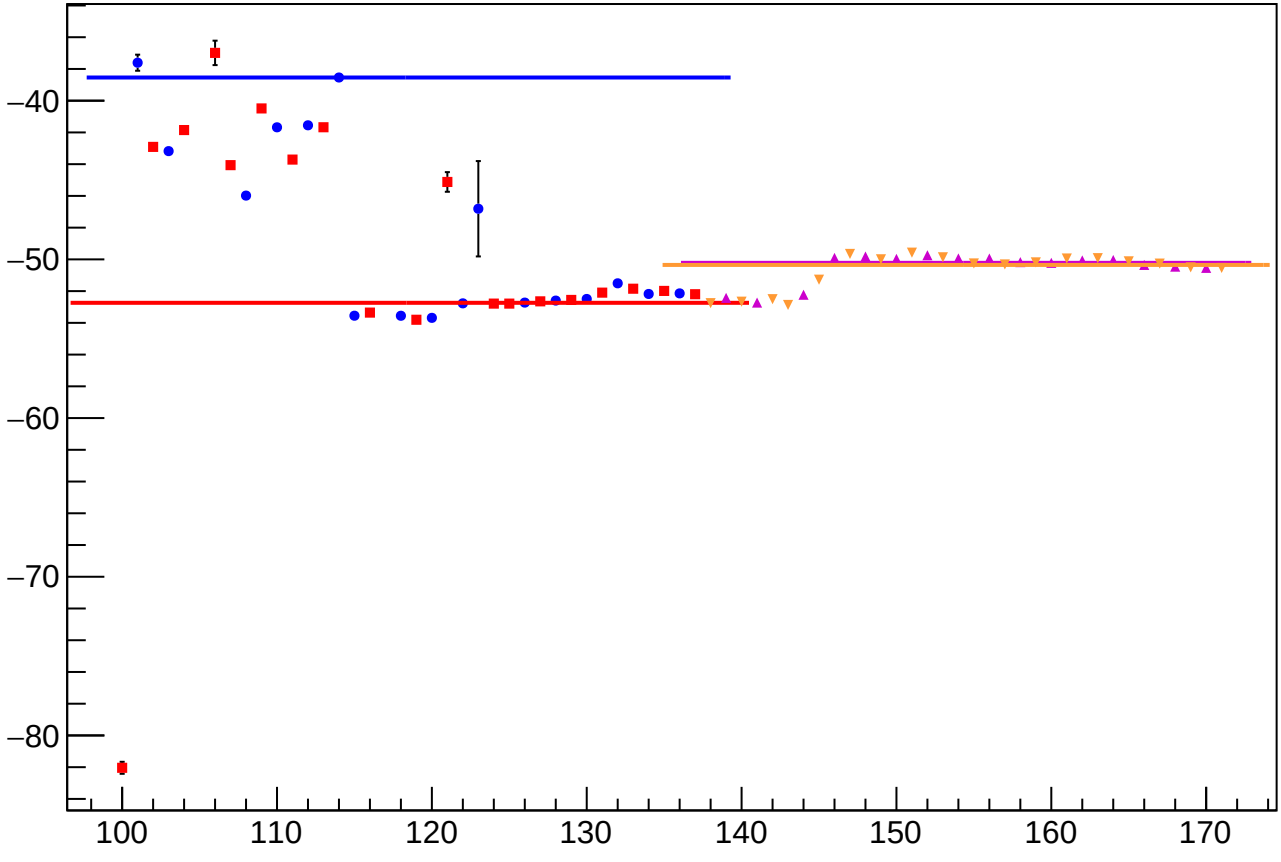
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.309+/-0.000 χ^2/NDF:5481.5/32

Out: -0.107+/-0.000 χ^2/NDF:2877158.7/36

All: -0.107+/-0.000 χ^2/NDF: 5415322.8/69

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.350+/-0.002 χ^2/NDF:254092.3/17

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.218+/-0.001 χ^2/NDF:164509.0/15

Left: -50.274+/-0.001 χ^2/NDF: 422591.9/33

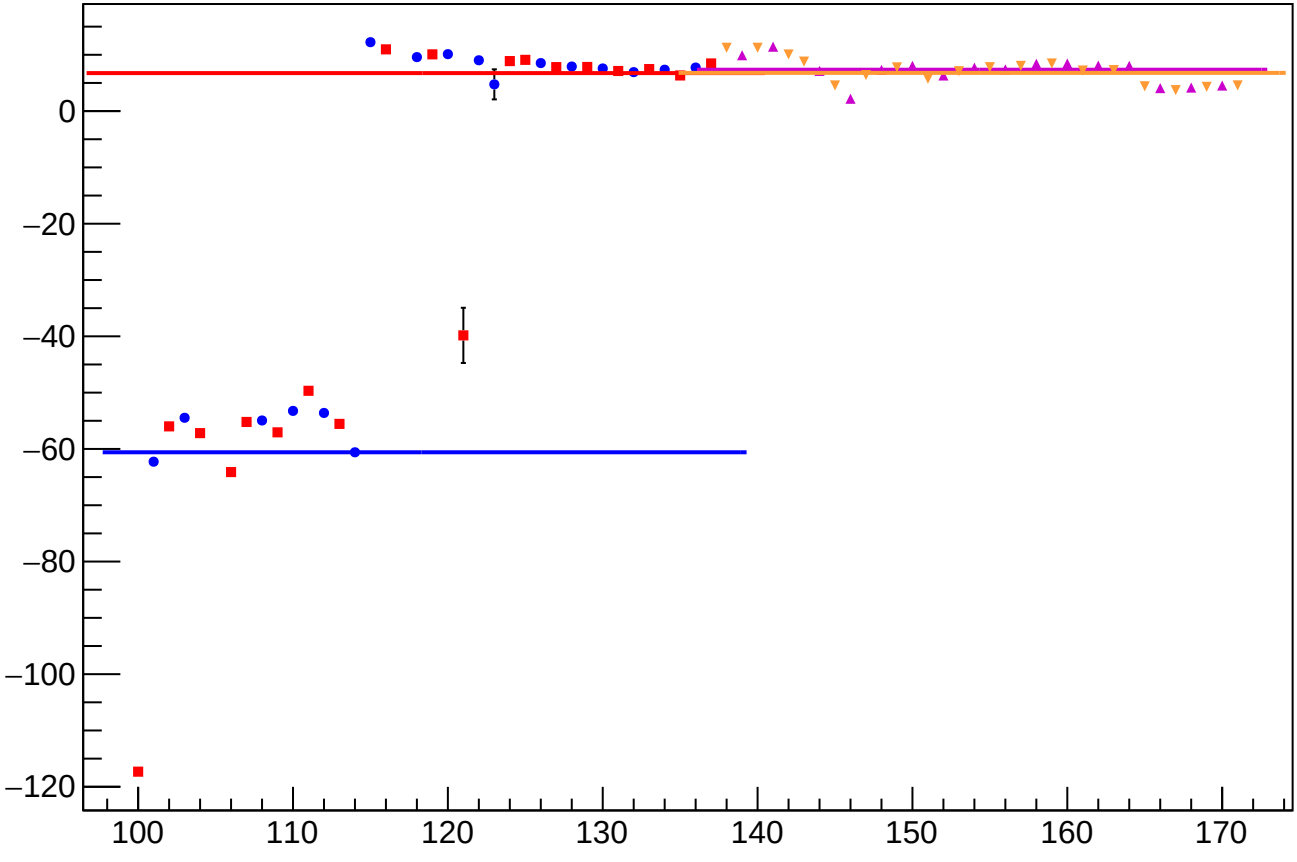
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:88673553.6/32

Out: -51.334+/-0.001 χ^2/NDF:1289504.4/36

All: -38.539+/-0.000 χ^2/NDF: 202343137.9/6

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.789+/-0.004 χ^2/NDF:281310.2/17

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.348+/-0.004 χ^2/NDF:157927.1/15

Left: 7.087+/-0.003 χ^2/NDF: 450647.3/33

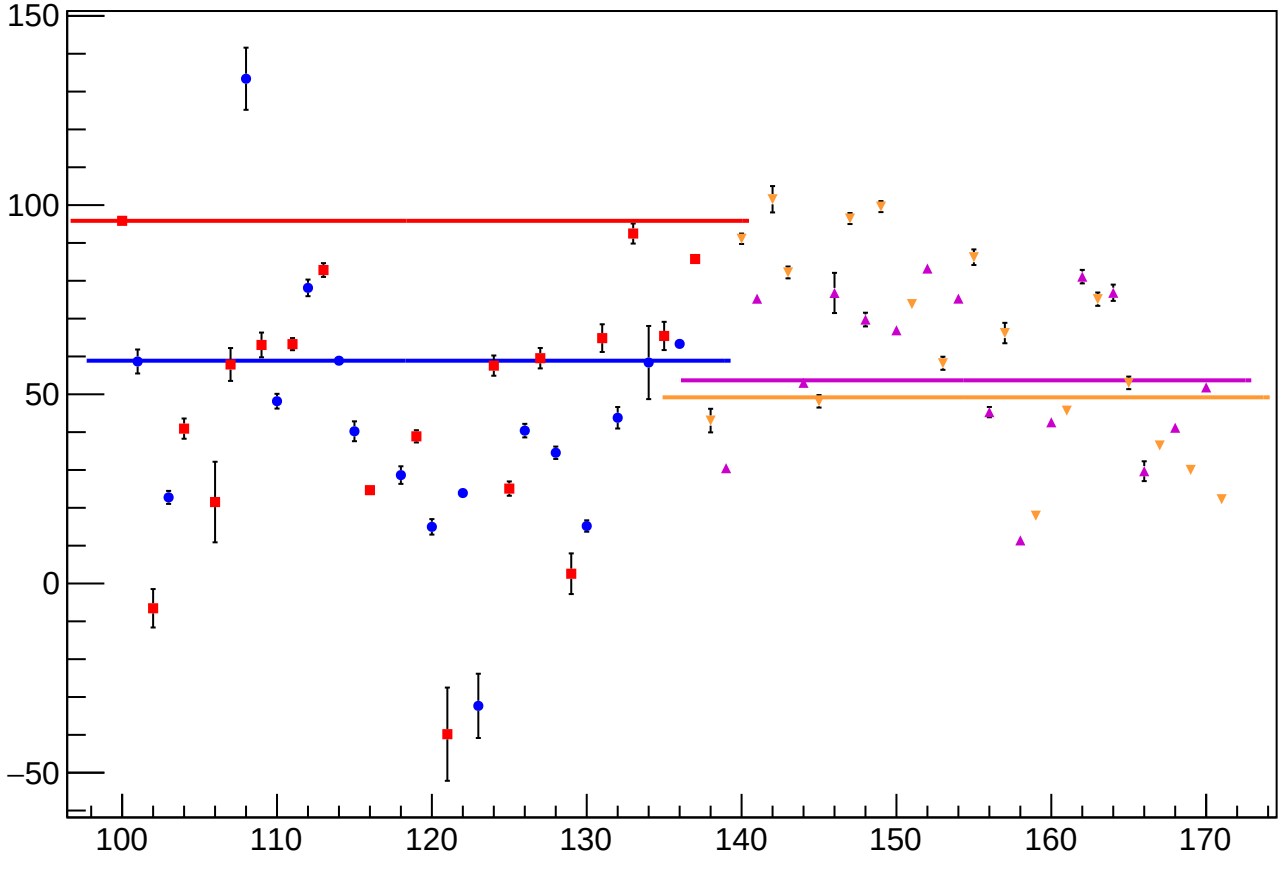
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:386659846.1/32

Out: 6.784+/-0.004 χ^2/NDF:1547920.4/36

All: -60.594+/-0.000 χ^2/NDF: 735960095.3/6

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 49.198+/-0.297 χ^2/NDF:7613.1/17

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 53.688+/-0.260 χ^2/NDF:5364.6/15

Left: 51.744+/-0.196 χ^2/NDF: 13107.0/33

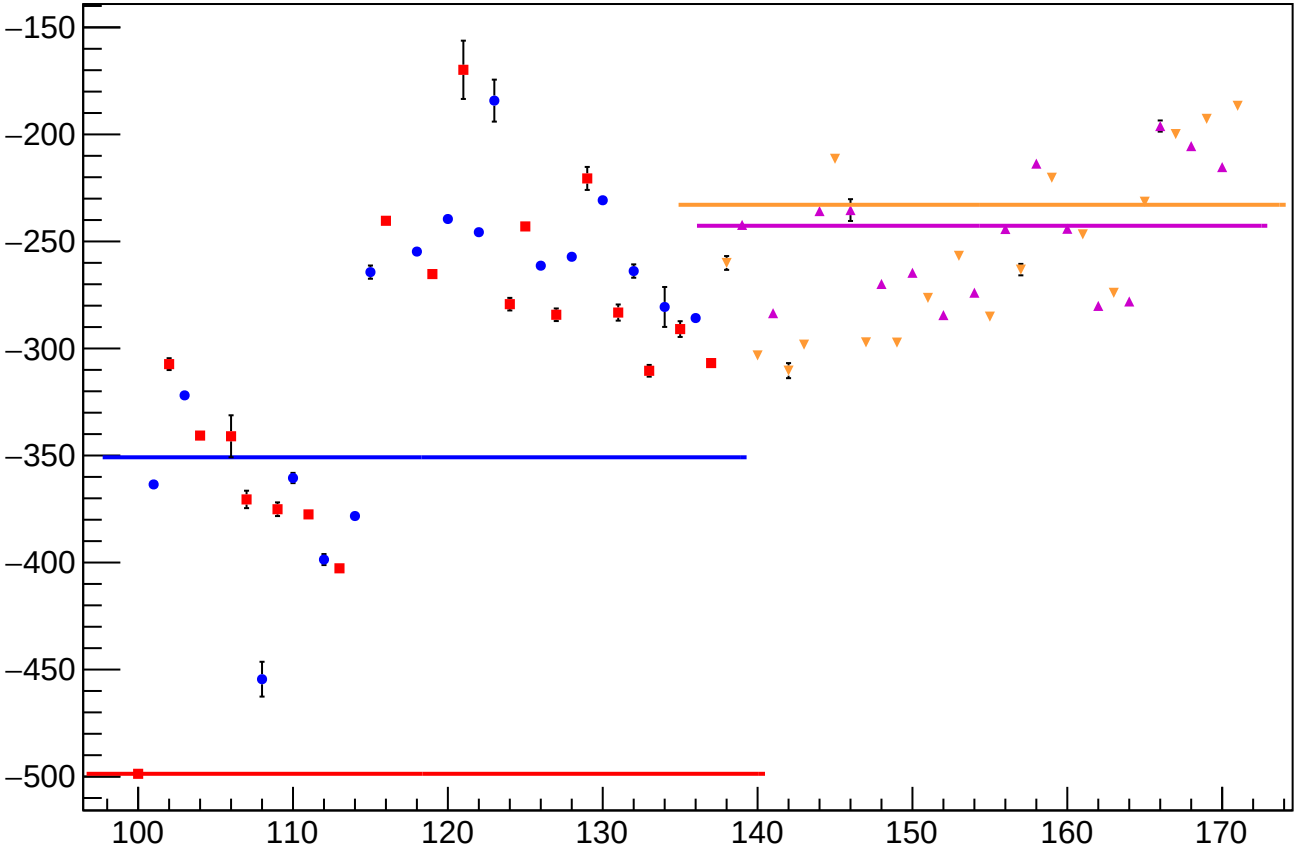
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:9578.8/32

Out: 95.846+/-0.000 χ^2/NDF:71632.5/36

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: -232.876+/-0.297 χ^2/NDF:19245.4/17

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -242.676+/-0.264 χ^2/NDF:11611.3/15

Left: -238.353+/-0.197 χ^2/NDF: 31466.9/33

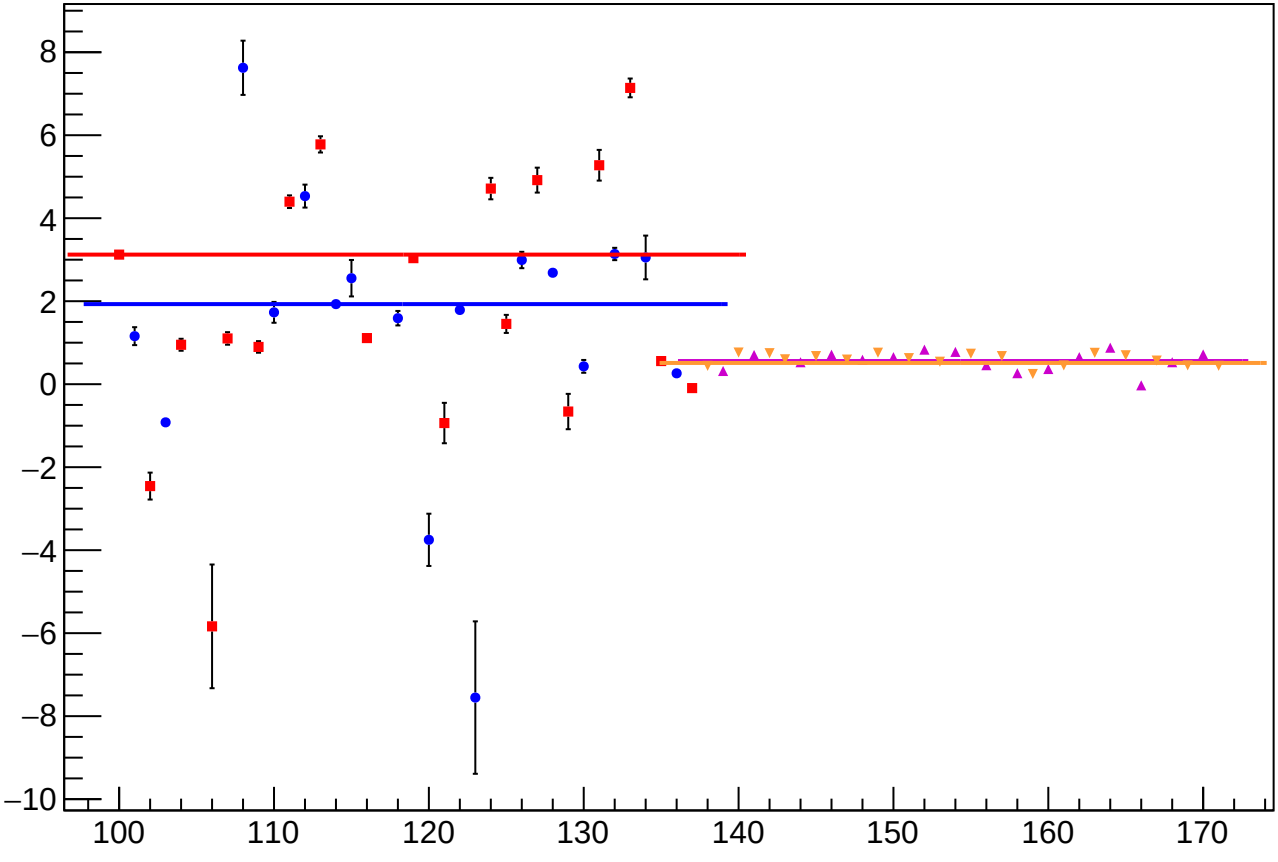
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -300.791+/-0.179 χ^2/NDF:143423.8/32

Out: -498.692+/-0.000 χ^2/NDF:1334270.4/36

All: -498.692+/-0.000 χ^2/NDF: 2696625.6/69

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:8093.1/17

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.558+/-0.002 χ^2/NDF:13284.0/15

Left: 0.537+/-0.001 χ^2/NDF: 21649.1/33

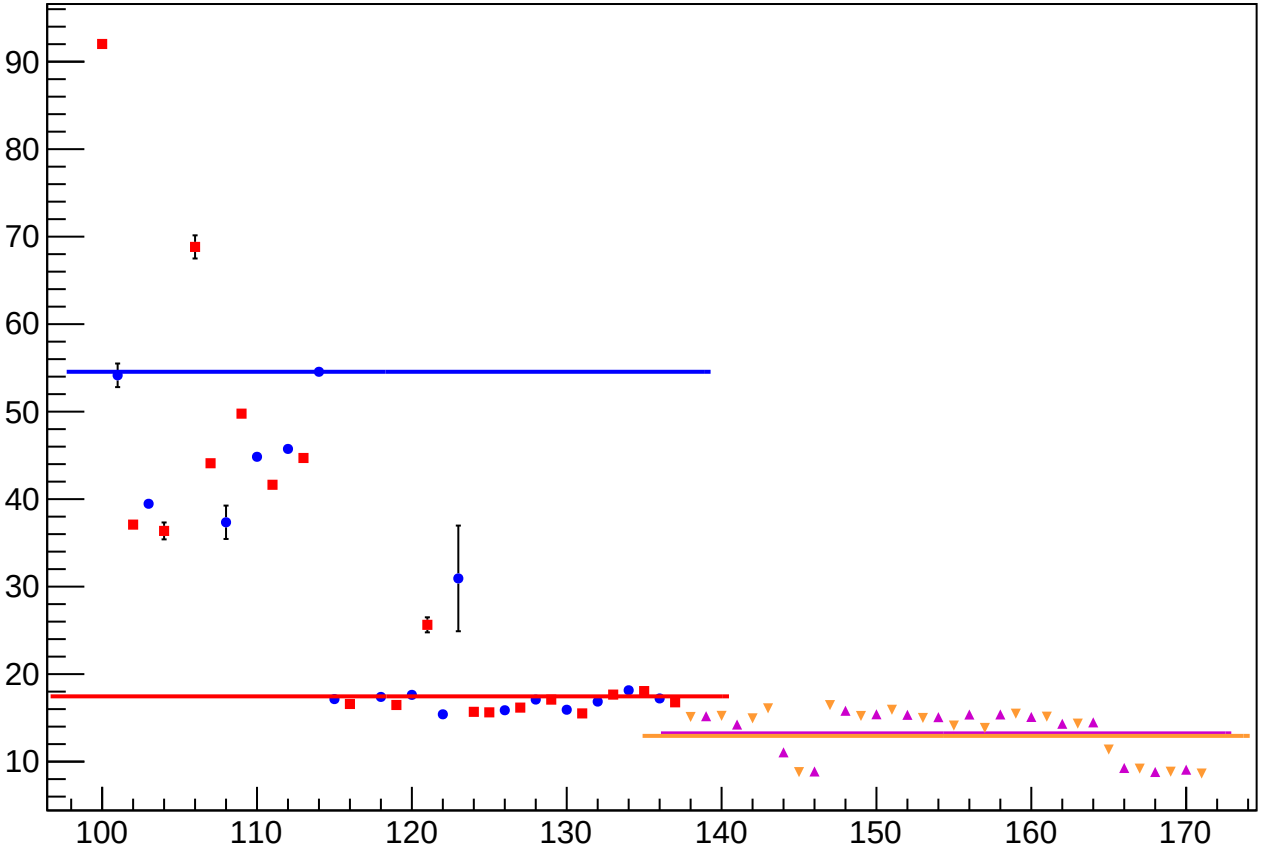
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:622530.3/32

Out: 3.123+/-0.000 χ^2/NDF:2114289.3/36

All: 2.073+/-0.000 χ^2/NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 12.941+/-0.007 χ^2/NDF:202523.8/17

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 13.227+/-0.007 χ^2/NDF:187533.0/15

Left: 13.092+/-0.005 χ^2/NDF: 390956.5/33

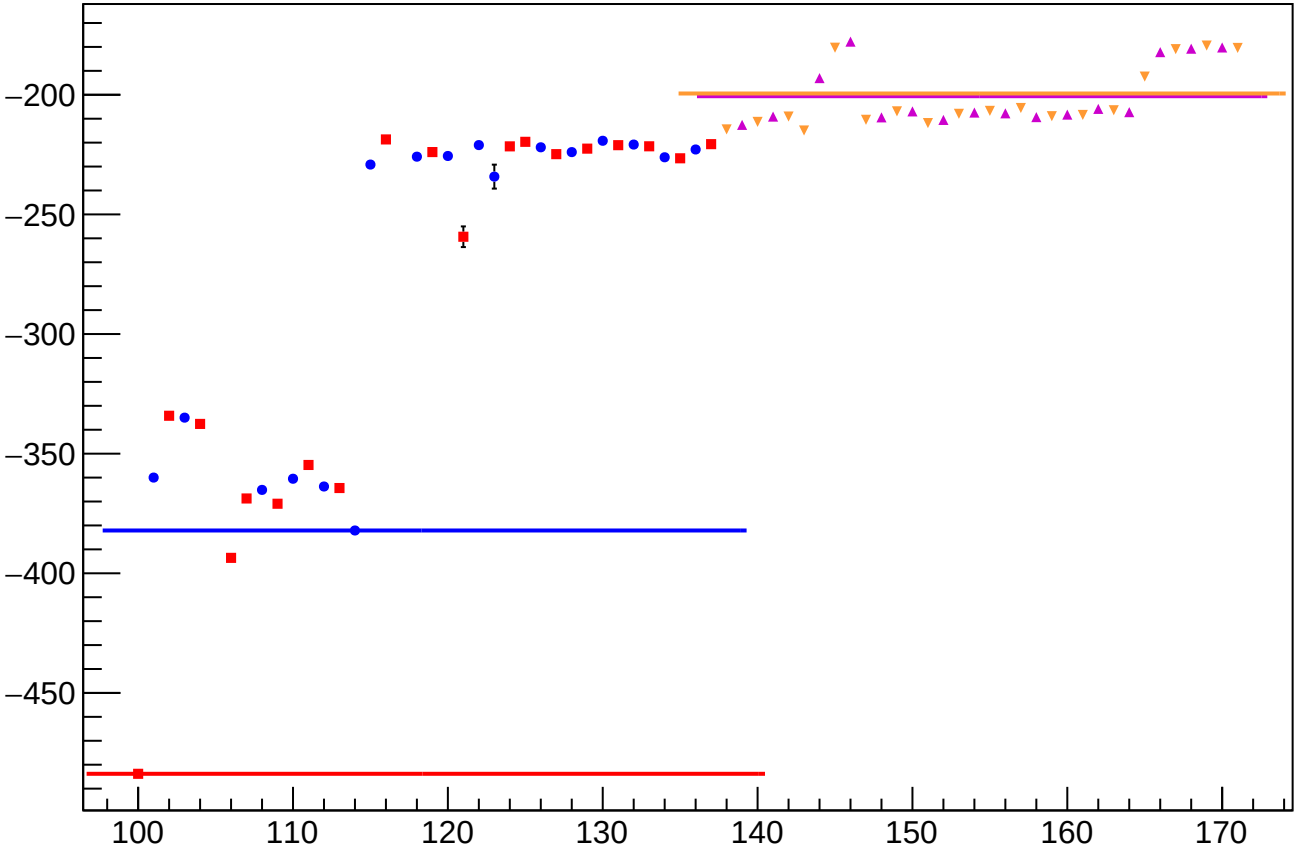
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:46947390.8/32

Out: 13.508+/-0.006 χ^2/NDF:355211.4/36

All: 54.556+/-0.000 χ^2/NDF: 87468419.5/69

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -199.468+/-0.015 χ^2/NDF:833471.4/17

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -200.599+/-0.015 χ^2/NDF:720900.1/15

Left: -200.047+/-0.010 χ^2/NDF: 1557283.0/33

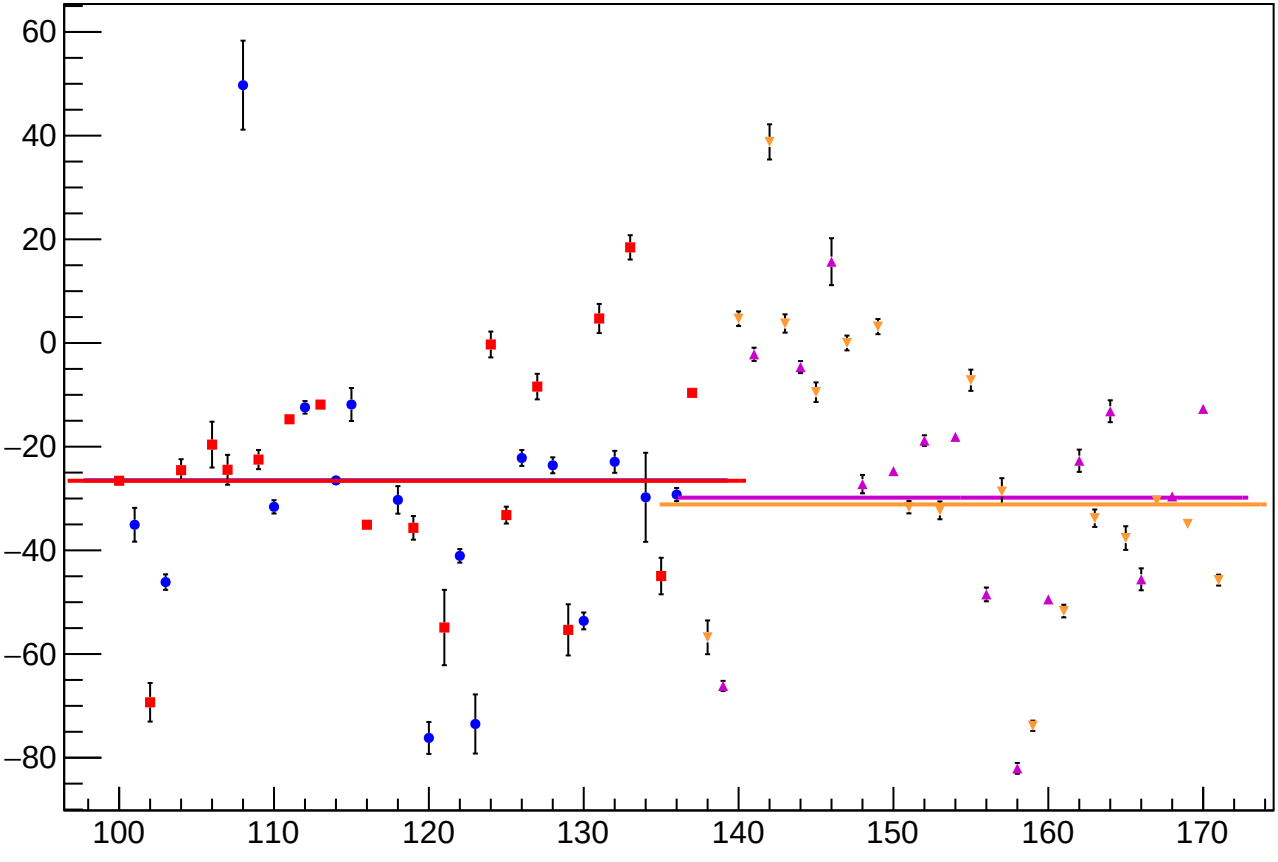
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:172810592.1/32

Out: -483.800+/-0.000 χ^2/NDF:384680322.0/36

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: -31.140+/-0.304 χ^2/NDF:5180.9/17

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -29.834+/-0.266 χ^2/NDF:6798.5/15

Left: -30.401+/-0.200 χ^2/NDF: 11989.9/33

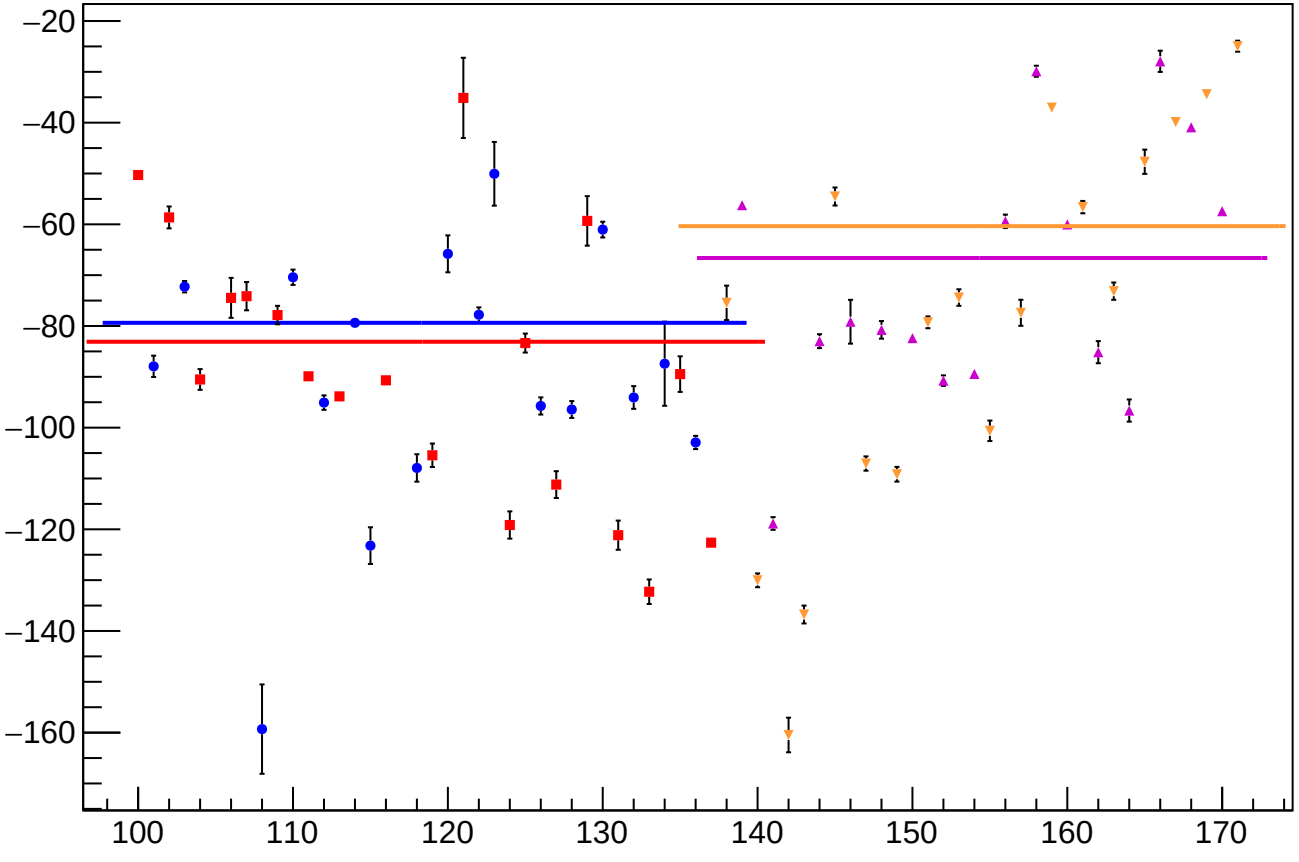
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:8135.9/32

Out: -26.577+/-0.000 χ^2/NDF:8047.7/36

All: -26.530+/-0.000 χ^2/NDF: 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -60.356+/-0.299 χ^2/NDF:12283.6/17

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -66.625+/-0.264 χ^2/NDF:6901.8/15

Left: -63.878+/-0.198 χ^2/NDF: 19432.5/33

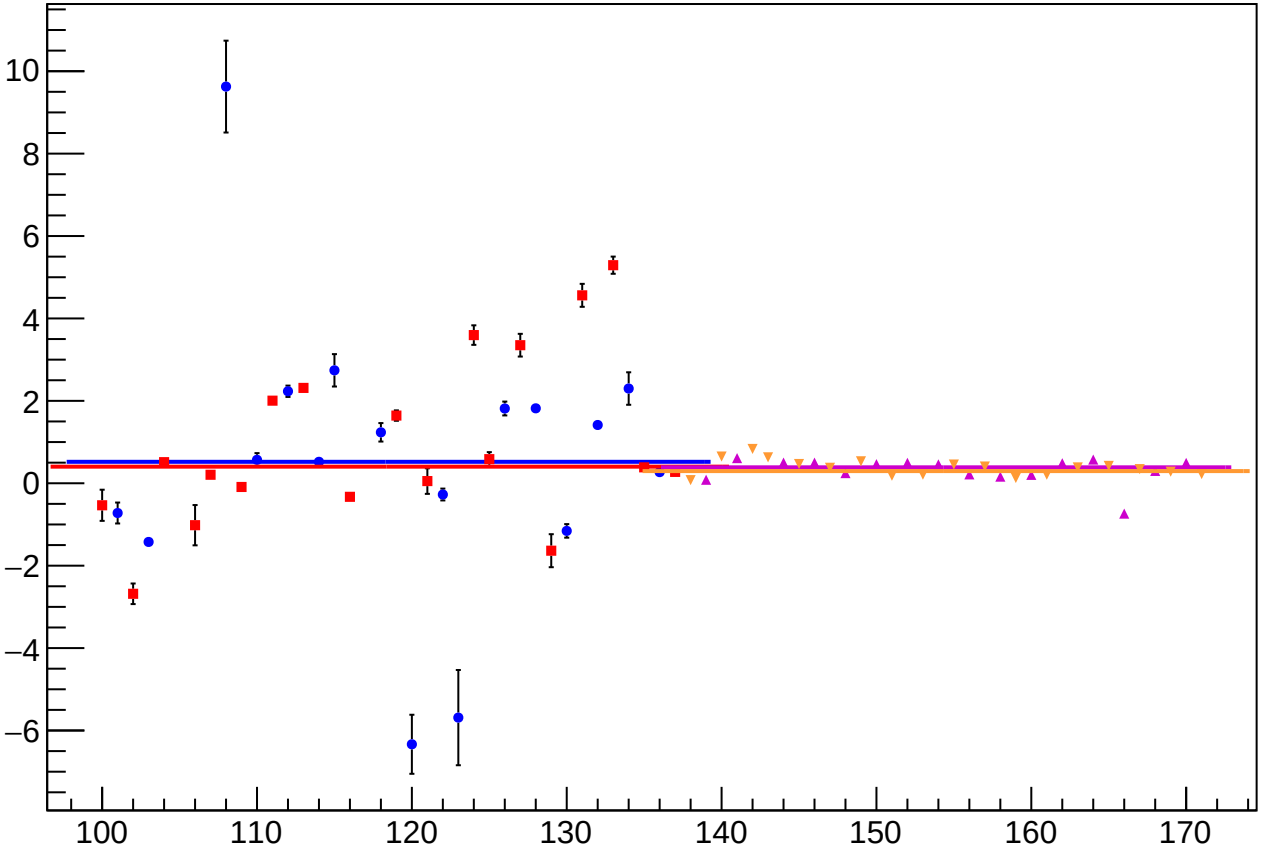
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:10538.7/32

Out: -77.137+/-0.153 χ^2/NDF:28470.2/36

All: -79.376+/-0.000 χ^2/NDF: 39222.9/69

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.295+/-0.002 χ^2/NDF:6102.1/17

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.387+/-0.002 χ^2/NDF:9338.4/15

Left: 0.346+/-0.001 χ^2/NDF: 16608.2/33

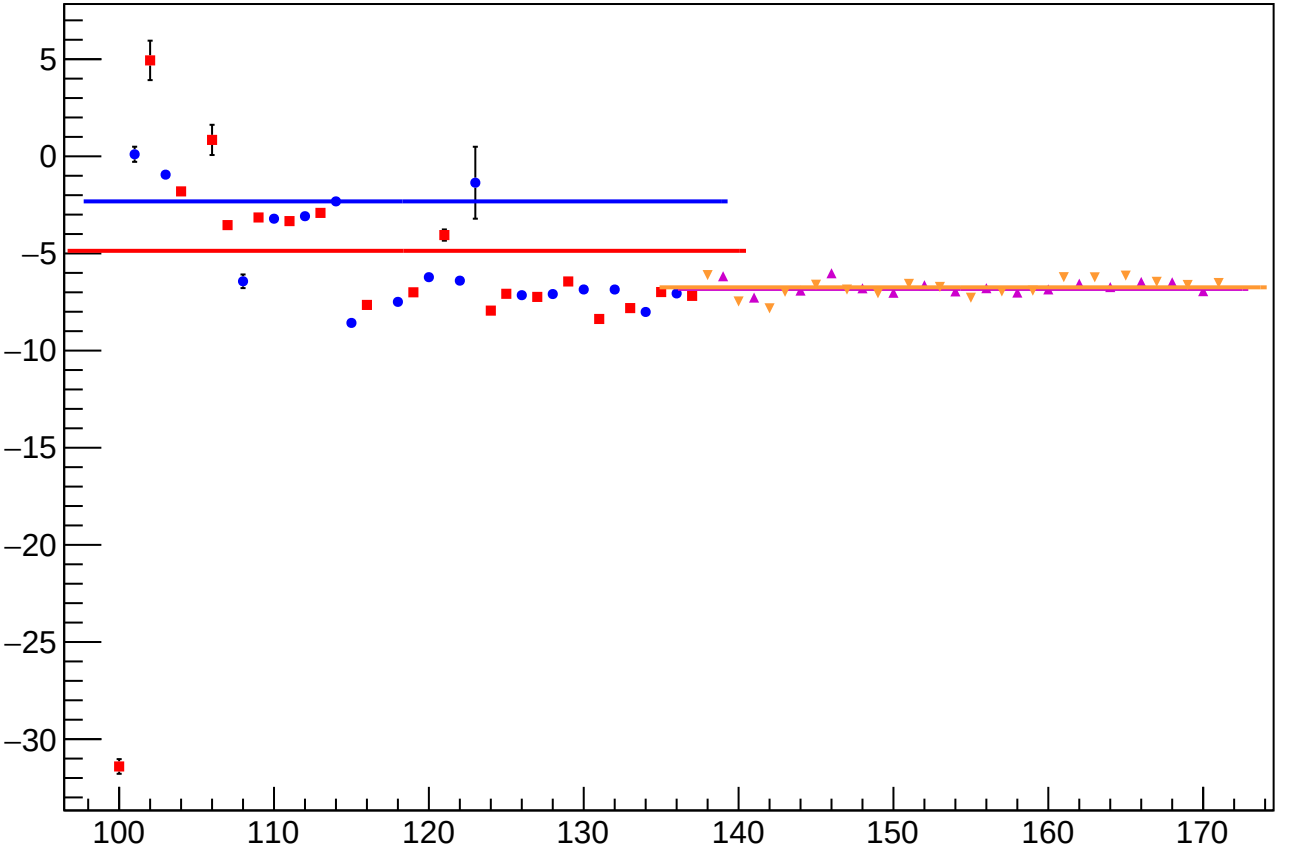
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:18239.1/32

Out: 0.299+/-0.002 χ^2/NDF:8924.8/36

All: 0.521+/-0.000 χ^2/NDF: 40079.7/69

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.743+/-0.003 χ^2/NDF:8622.3/17

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.824+/-0.003 χ^2/NDF:8106.8/15

Left: -6.786+/-0.002 χ^2/NDF: 17224.5/33

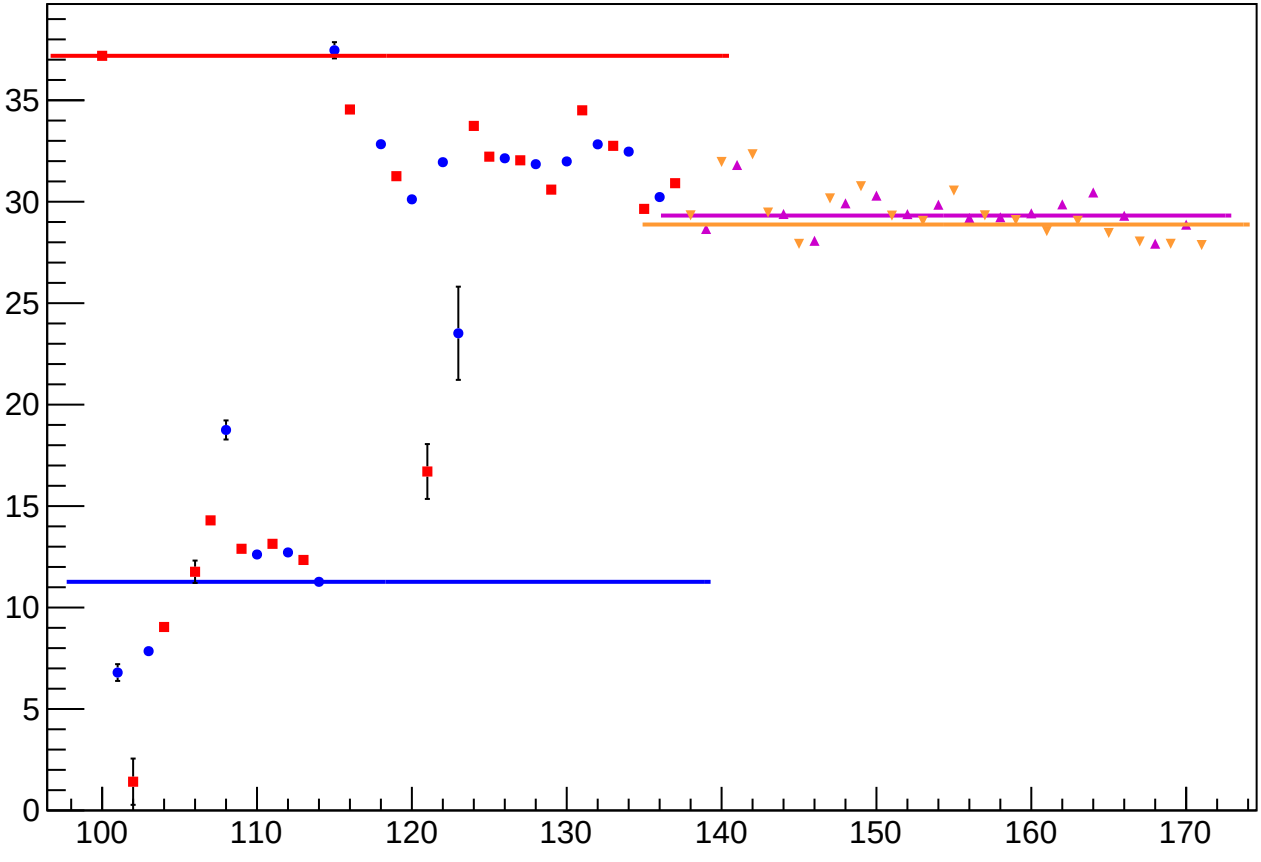
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:3469320.0/32

Out: -6.628+/-0.003 χ^2/NDF:89225.8/36

All: -2.320+/-0.000 χ^2/NDF: 6417637.1/69

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 28.877+/-0.009 χ^2/NDF:13039.2/17

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.318+/-0.009 χ^2/NDF:7798.4/15

Left: 29.115+/-0.006 χ^2/NDF: 22063.3/33

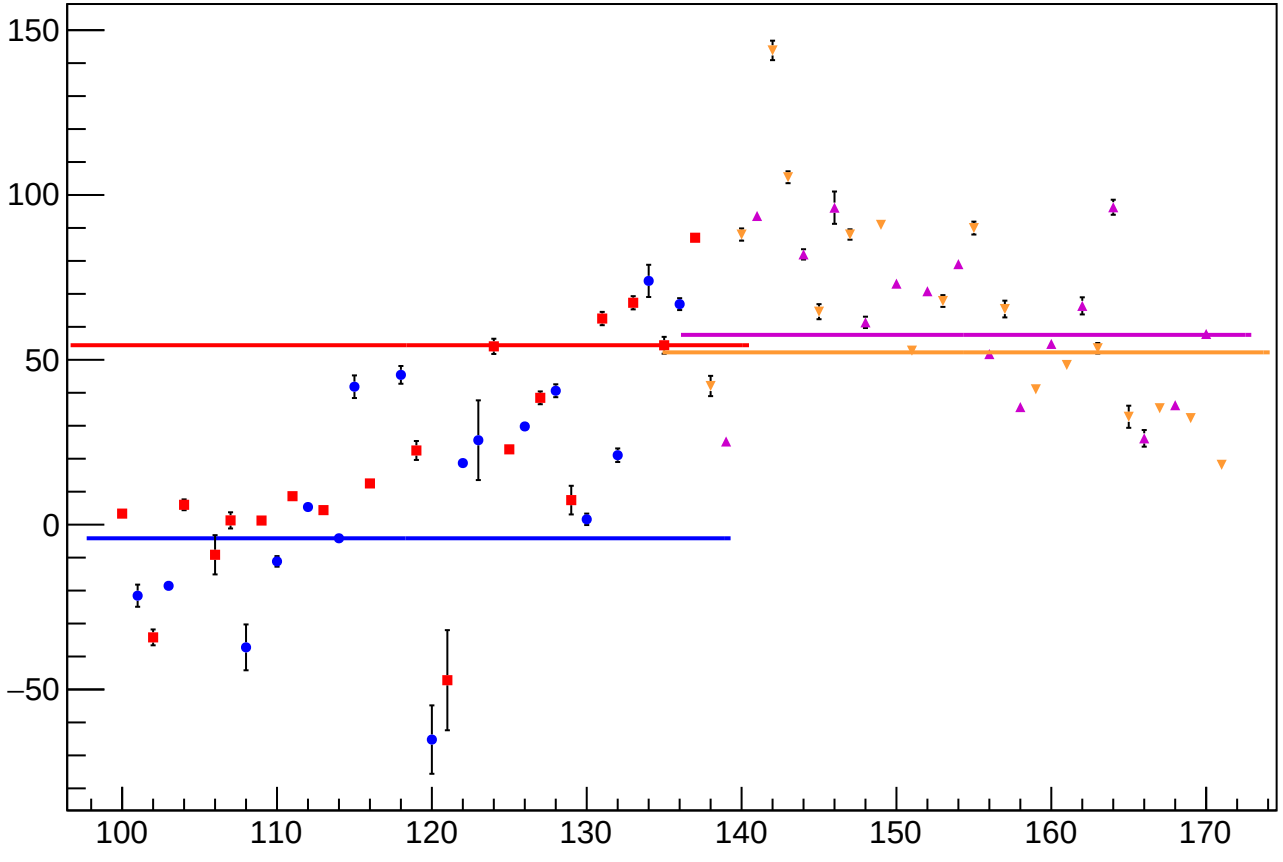
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:5402864.0/32

Out: 37.191+/-0.000 χ^2/NDF:1940220.3/36

All: 12.122+/-0.000 χ^2/NDF: 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 52.261+/-0.332 χ^2/NDF:5810.5/17

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 57.567+/-0.287 χ^2/NDF:5242.4/15

Left: 55.305+/-0.217 χ^2/NDF: 11199.3/33

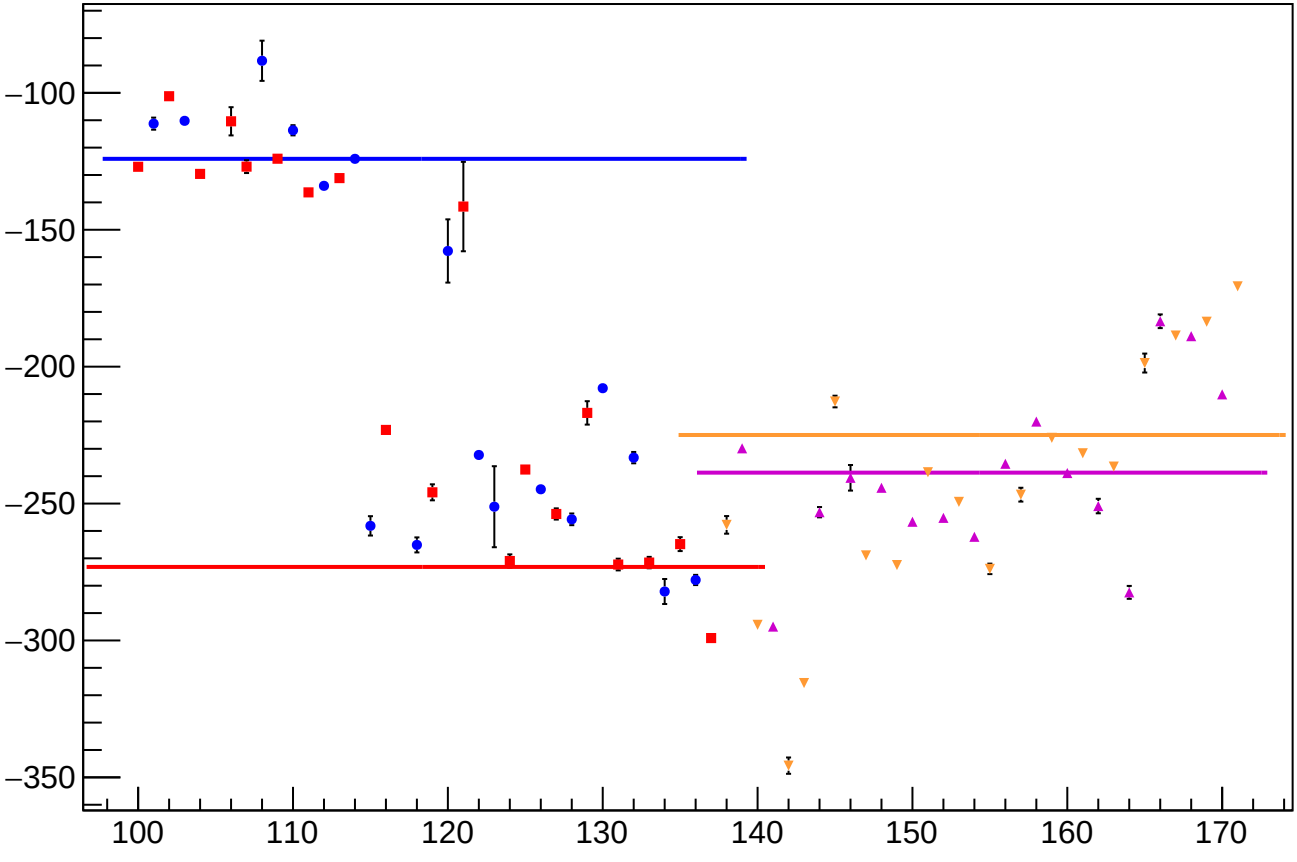
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:56283.7/32

Out: 53.977+/-0.151 χ^2/NDF:59842.9/36

All: -4.139+/-0.000 χ^2/NDF: 263276.1/69

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -224.954+/-0.328 χ^2/NDF:15024.2/17

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -238.709+/-0.284 χ^2/NDF:7952.6/15

Left: -232.813+/-0.214 χ^2/NDF: 23983.8/33

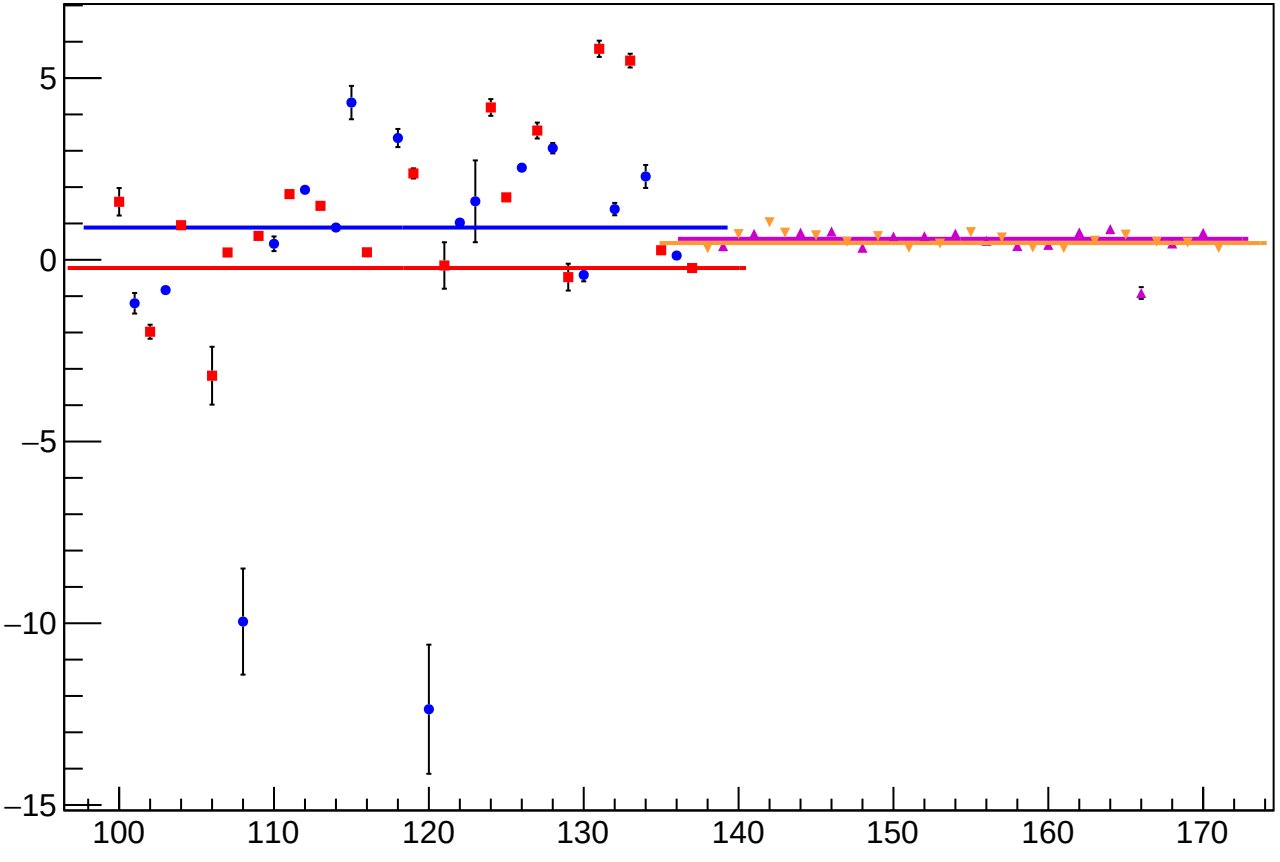
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:209254.3/32

Out: -268.043+/-0.107 χ^2/NDF:314509.2/36

All: -124.095+/-0.000 χ^2/NDF: 2347666.5/69

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.461+/-0.002 χ^2/NDF:4461.5/17

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.577+/-0.002 χ^2/NDF:4901.0/15

Left: 0.521+/-0.002 χ^2/NDF: 10635.8/33

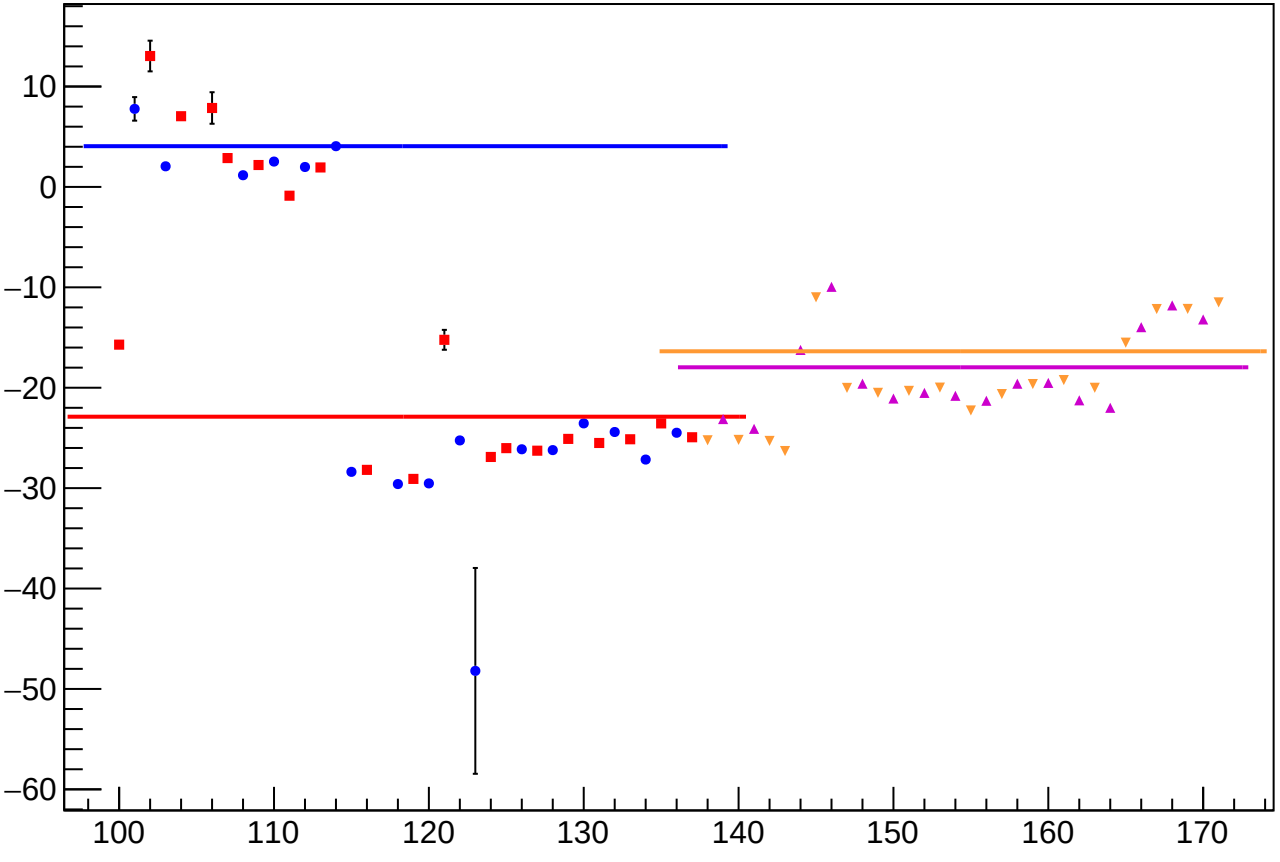
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:32409.0/32

Out: -0.226+/-0.000 χ^2/NDF:95509.8/36

All: 0.888+/-0.000 χ^2/NDF: 422281841.0/69

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.370+/-0.011 χ^2/NDF:172373.7/17

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -17.965+/-0.010 χ^2/NDF:132942.2/15

Left: -17.230+/-0.007 χ^2/NDF: 316991.2/33

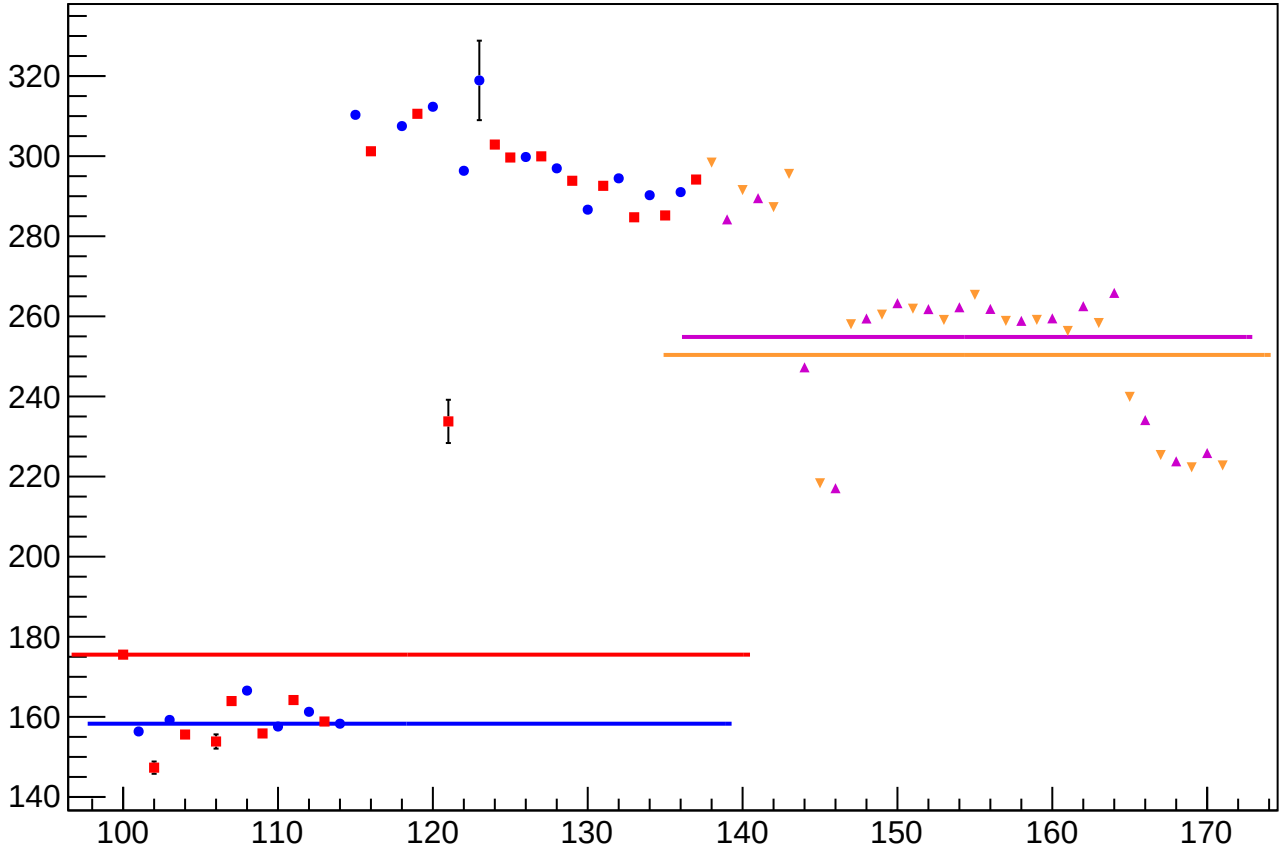
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:6210966.2/32

Out: -17.314+/-0.010 χ^2/NDF:341265.8/36

All: 4.057+/-0.000 χ^2/NDF: 11100820.8/69

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 250.371+/-0.031 χ^2/NDF:566476.1/17

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 254.857+/-0.030 χ^2/NDF:259271.6/15

Left: 252.677+/-0.021 χ^2/NDF: 836752.9/33

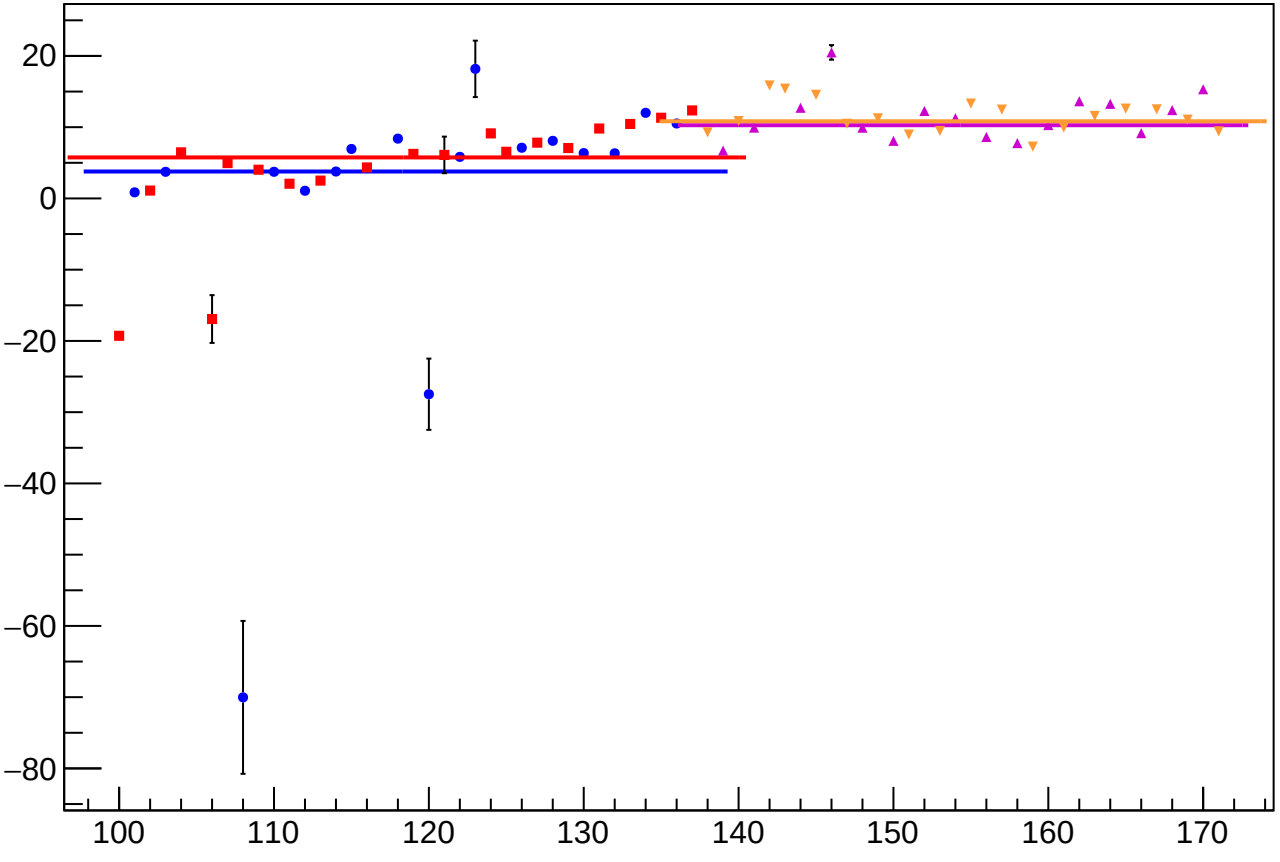
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:13163917.2/32

Out: 175.536+/-0.000 χ^2/NDF:8624125.4/36

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: 10.832+/-0.033 χ^2/NDF:2356.4/17

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 10.276+/-0.031 χ^2/NDF:7947.6/15

Left: 10.533+/-0.023 χ^2/NDF: 10453.7/33

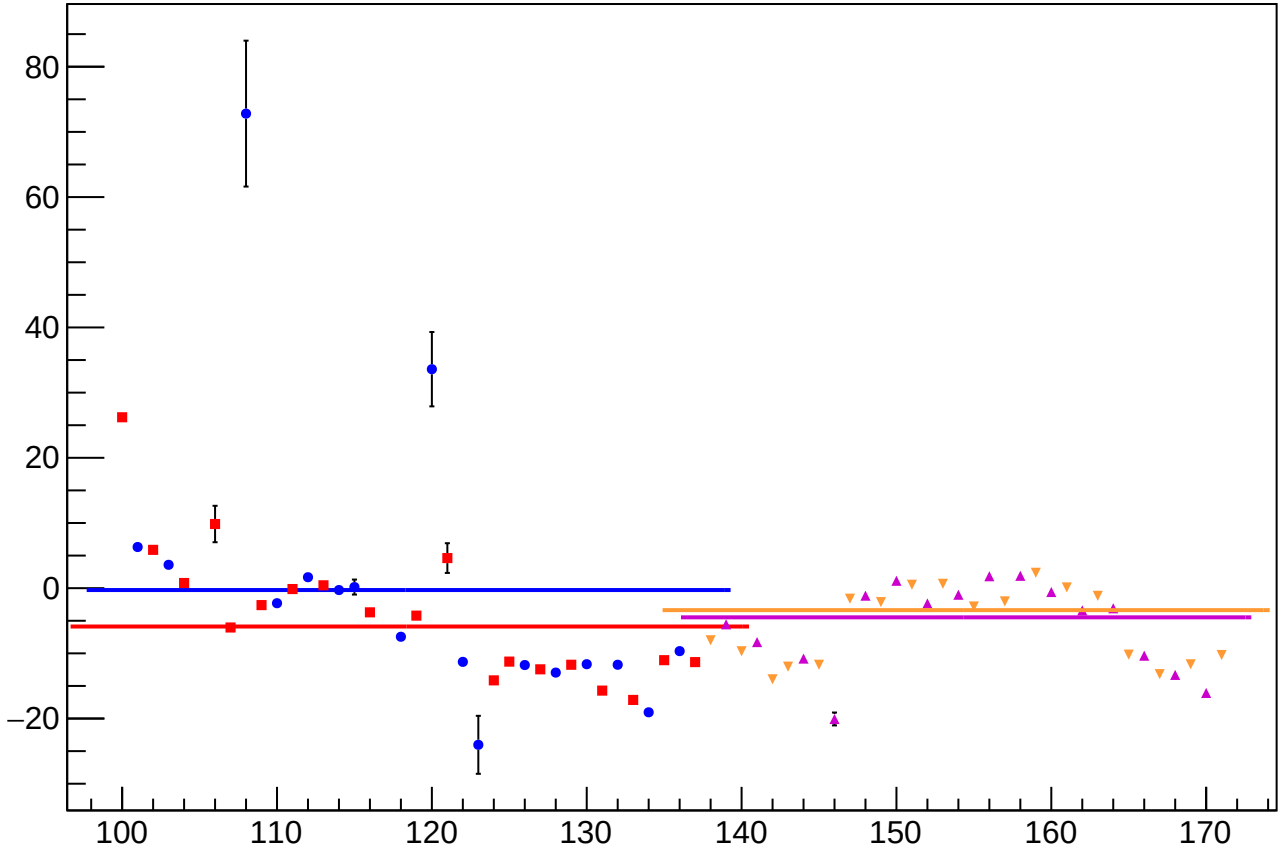
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:59127.2/32

Out: 7.653+/-0.020 χ^2/NDF:39164.6/36

All: 3.778+/-0.000 χ^2/NDF: 134426.7/69

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -3.371+/-0.033 χ^2/NDF:19579.3/17

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -4.474+/-0.031 χ^2/NDF:39296.5/15

Left: -3.957+/-0.023 χ^2/NDF: 59461.0/33

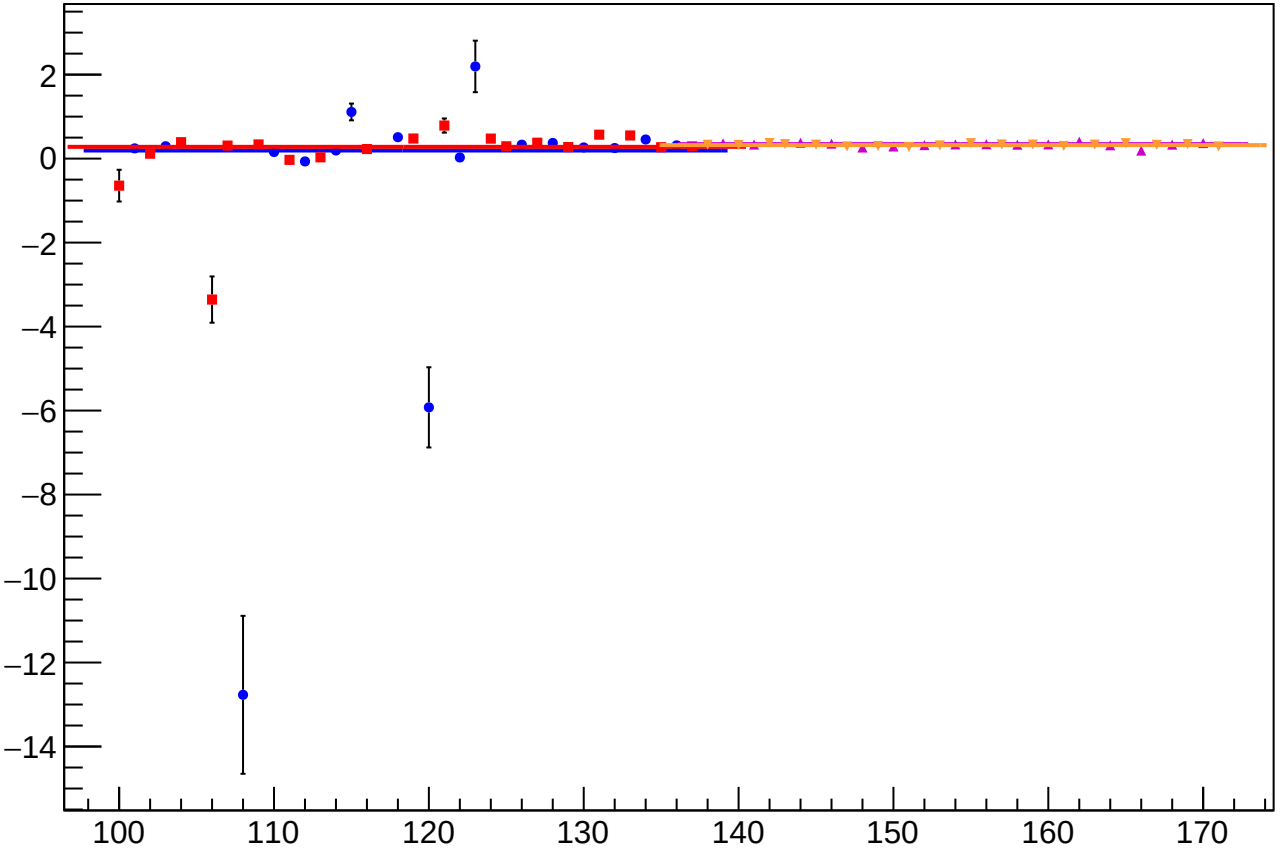
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:101550.9/32

Out: -4.875+/-0.021 χ^2/NDF:86489.8/36

All: -0.287+/-0.000 χ^2/NDF: 235513.6/69

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.321+/-0.001 χ^2/NDF:1685.6/17

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.345+/-0.001 χ^2/NDF:3352.3/15

Left: 0.333+/-0.000 χ^2/NDF: 5836.4/33

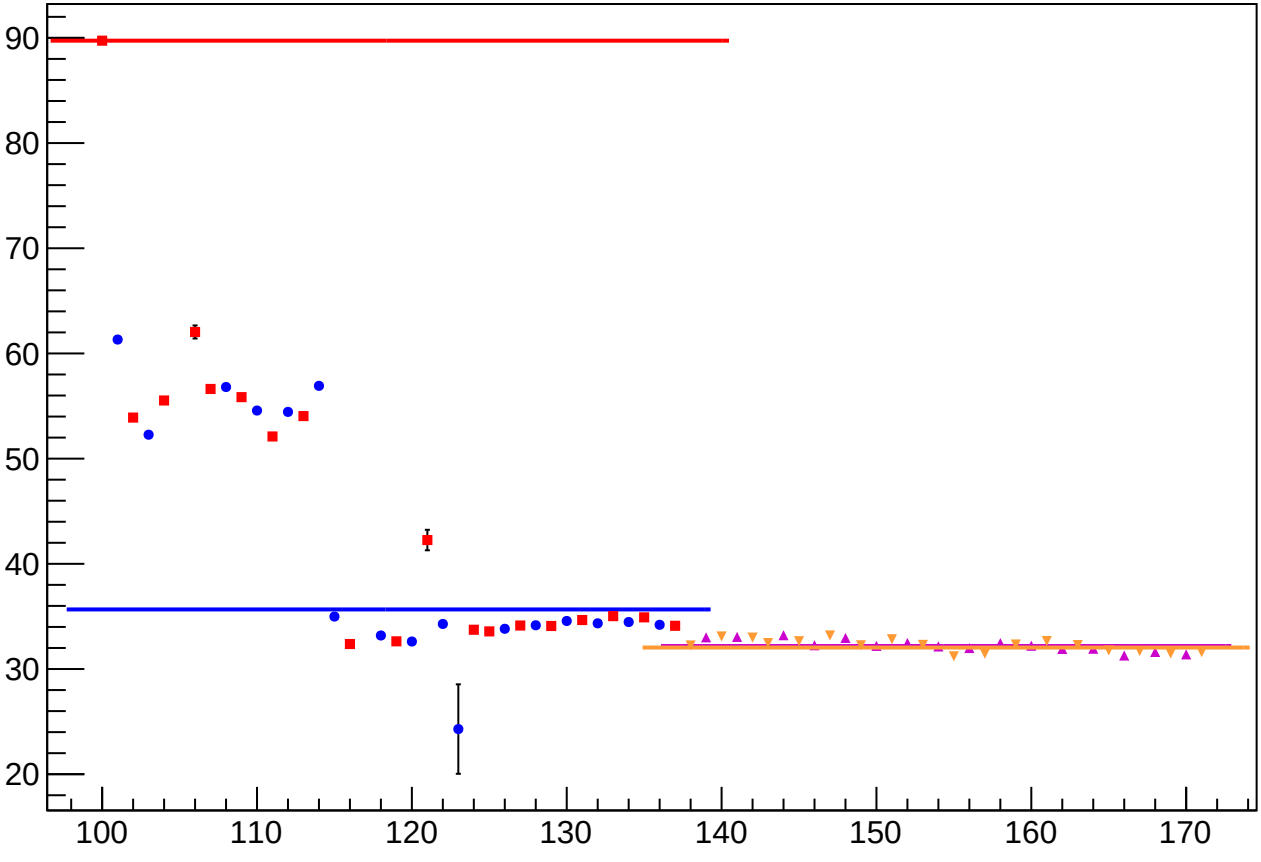
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:82111.3/32

Out: 0.316+/-0.001 χ^2/NDF:8407.6/36

All: 0.193+/-0.000 χ^2/NDF: 141248.8/69

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.043+/-0.003 χ^2/NDF:20014.7/17

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.186+/-0.004 χ^2/NDF:11170.1/15

Left: 32.108+/-0.002 χ^2/NDF: 32009.8/33

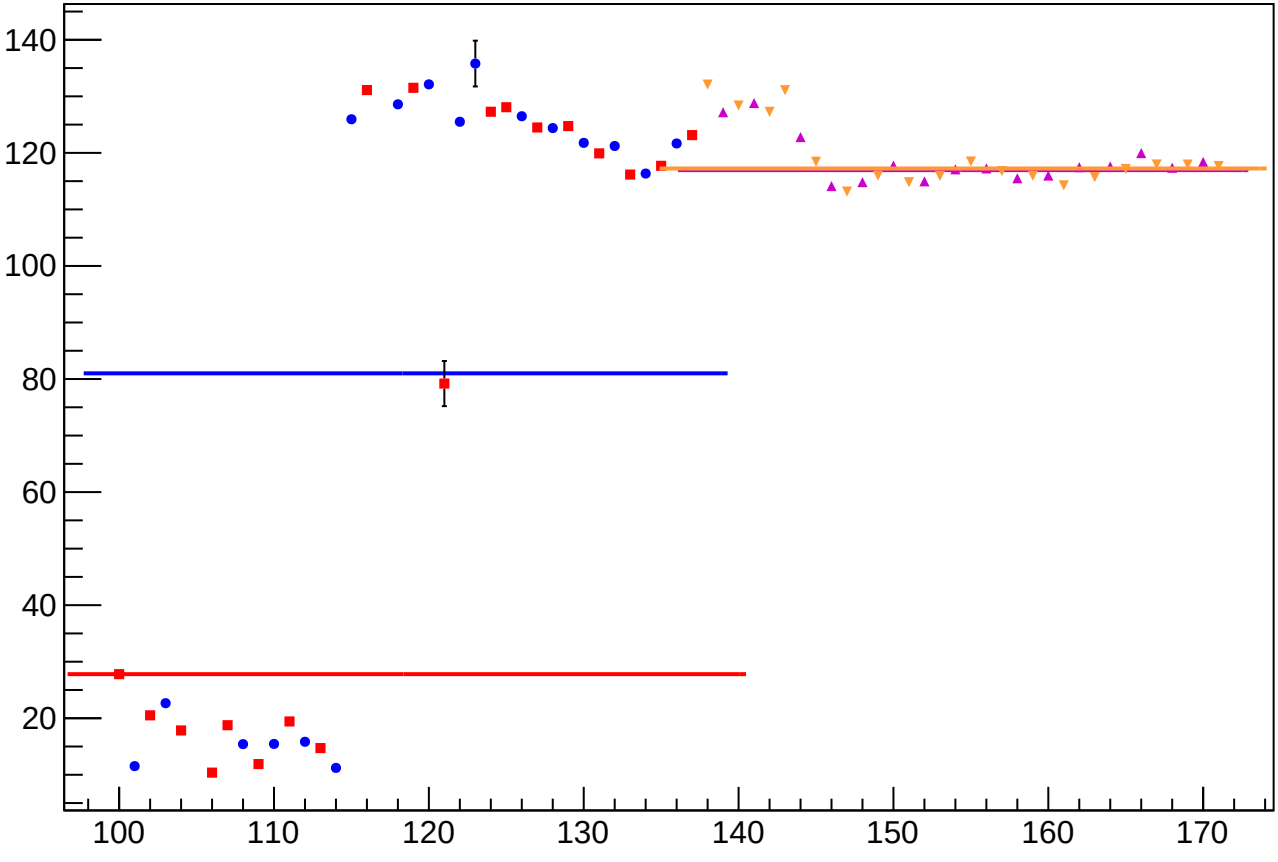
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.518+/-0.004 χ^2/NDF:314519.8/32

Out: 89.735+/-0.000 χ^2/NDF:322315501.9/36

All: 89.735+/-0.000 χ^2/NDF: 588299965.7/69

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.240+/-0.008 χ^2/NDF:141619.3/17

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 116.952+/-0.009 χ^2/NDF:43094.1/15

Left: 117.114+/-0.006 χ^2/NDF: 185260.2/33

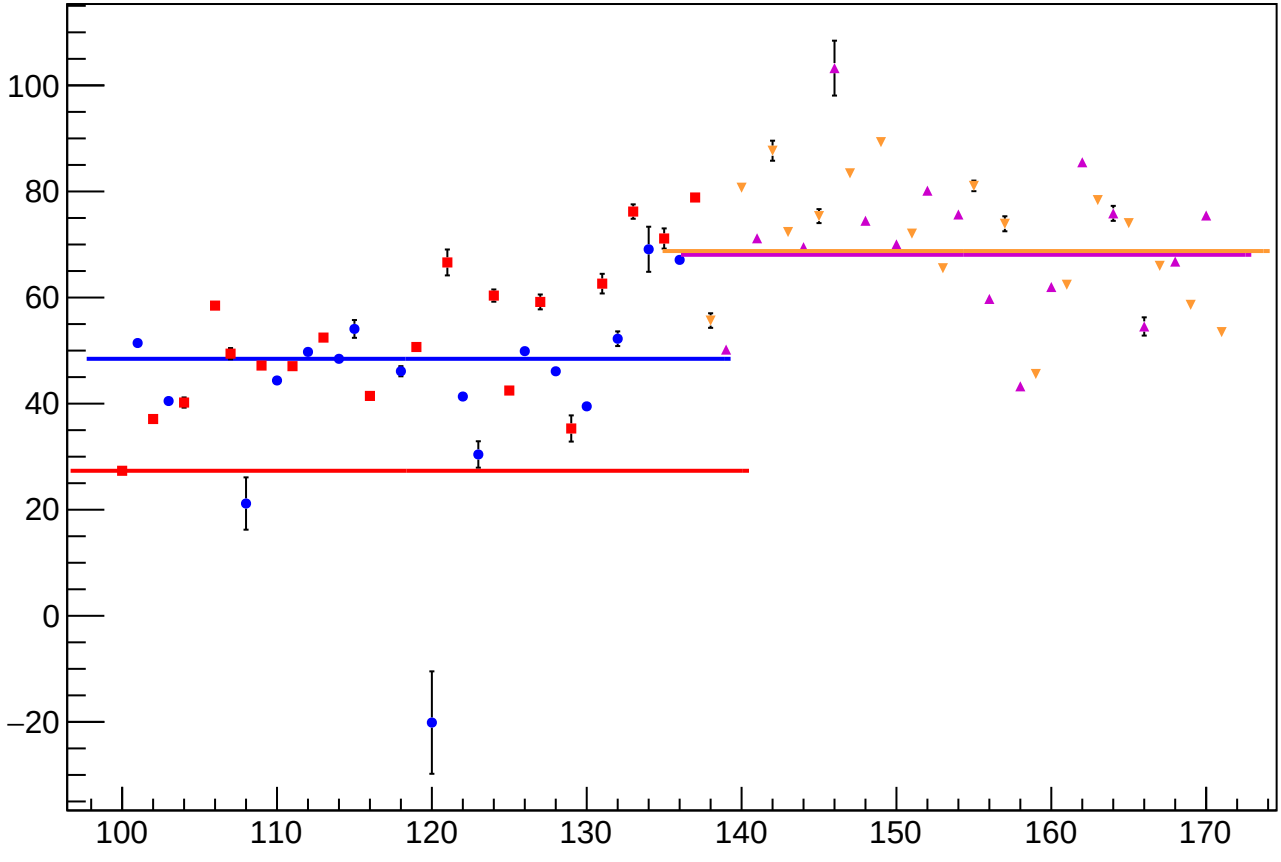
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 114.564+/-0.009 χ^2/NDF:3283609.9/32

Out: 27.798+/-0.000 χ^2/NDF:129628681.7/36

All: 27.798+/-0.000 χ^2/NDF: 227914992.0/69

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 68.766+/-0.177 χ^2/NDF:4771.6/17

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 68.058+/-0.150 χ^2/NDF:4896.8/15

Left: 68.355+/-0.114 χ^2/NDF: 9677.8/33

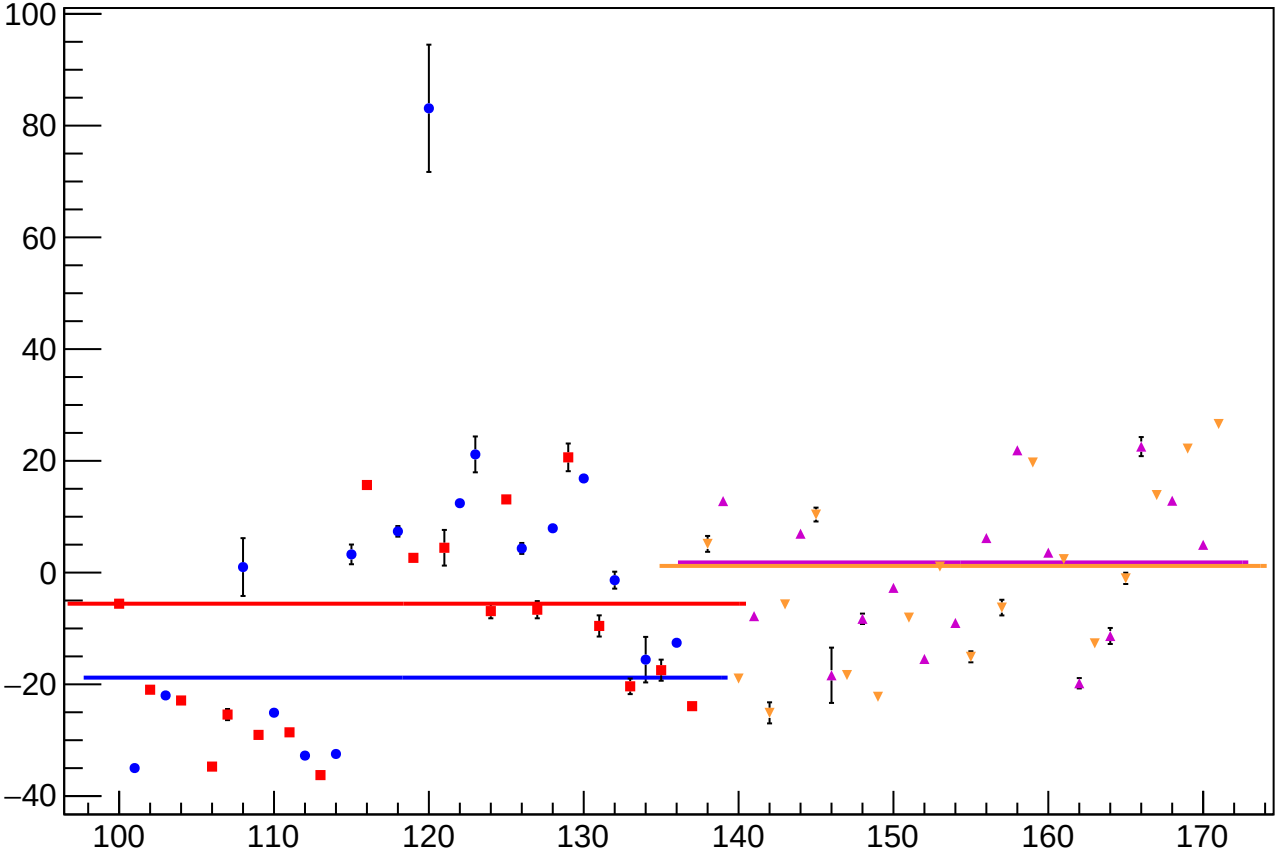
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:24765.8/32

Out: 27.342+/-0.000 χ^2/NDF:85656.3/36

All: 28.365+/-0.000 χ^2/NDF: 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: 1.194+/-0.176 χ^2/NDF:8096.9/17

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 1.818+/-0.149 χ^2/NDF:4721.6/15

Left: 1.557+/-0.114 χ^2/NDF: 12825.8/33

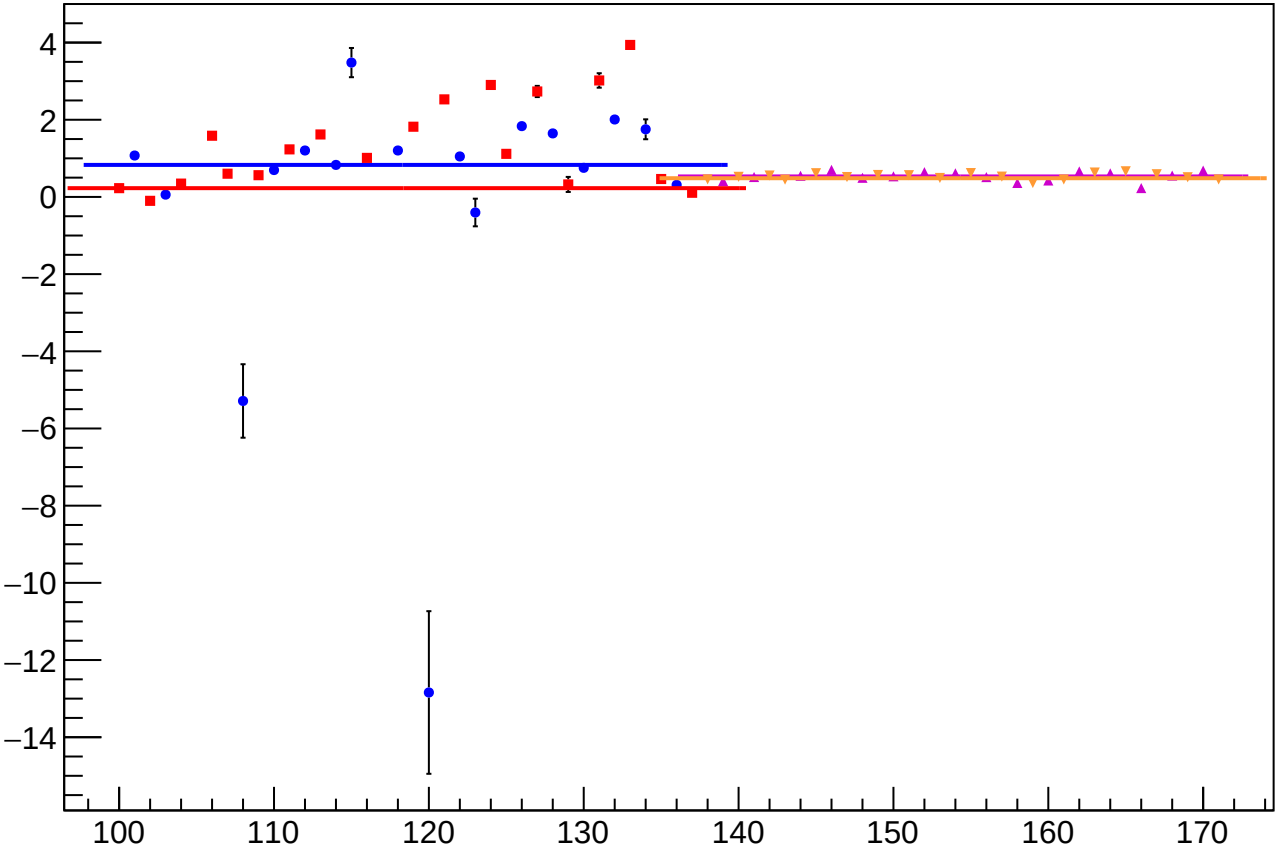
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -8.543+/-0.105 χ^2/NDF:26084.3/32

Out: -5.568+/-0.000 χ^2/NDF:32671.1/36

All: -5.568+/-0.000 χ^2/NDF: 59554.9/69

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.485+/-0.001 χ^2/NDF:6403.5/17

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.531+/-0.001 χ^2/NDF:9893.6/15

Left: 0.509+/-0.001 χ^2/NDF: 17164.4/33

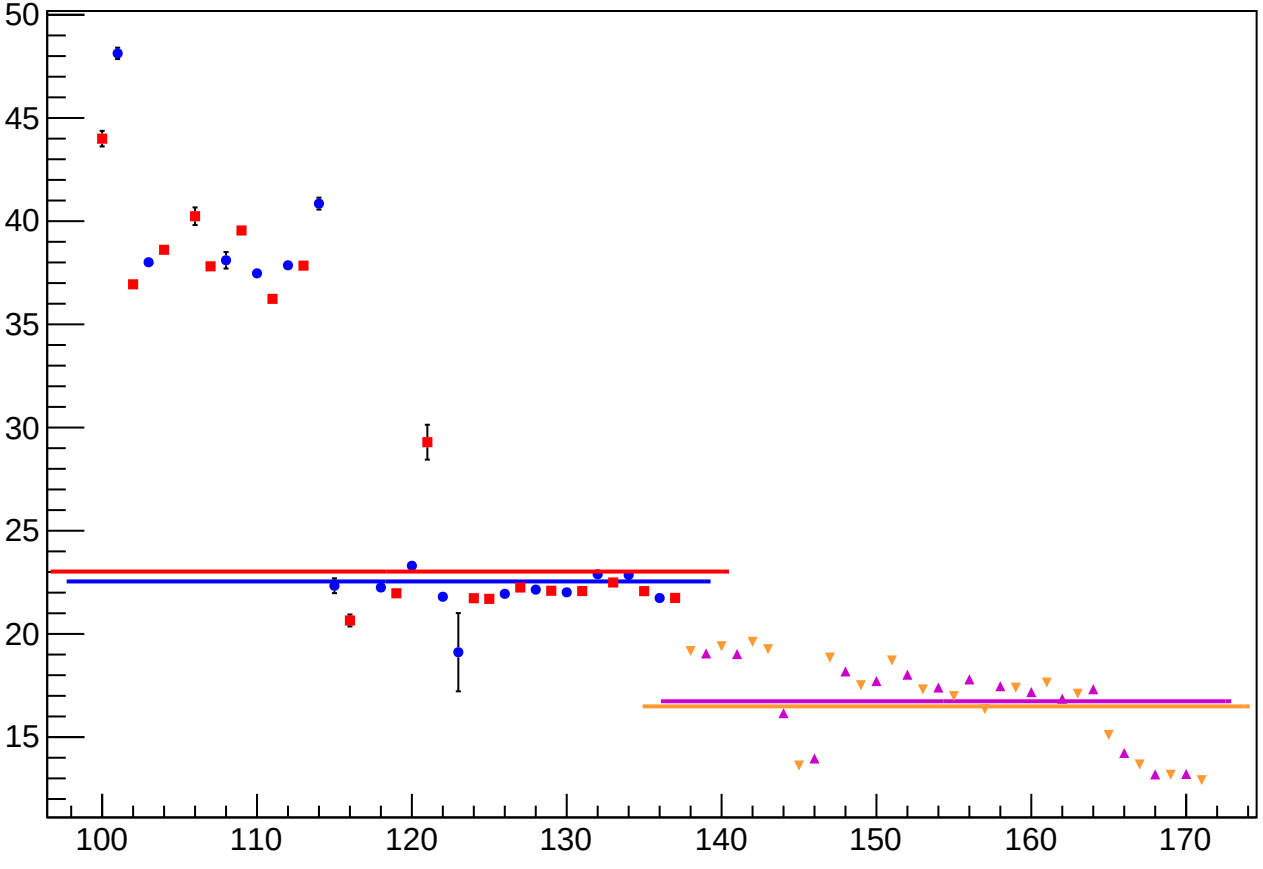
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:101677.7/32

Out: 0.227+/-0.000 χ^2/NDF:70014.1/36

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 16.489+/-0.005 χ^2/NDF:201803.8/17

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 16.737+/-0.006 χ^2/NDF:103132.2/15

Left: 16.591+/-0.004 χ^2/NDF: 305909.3/33

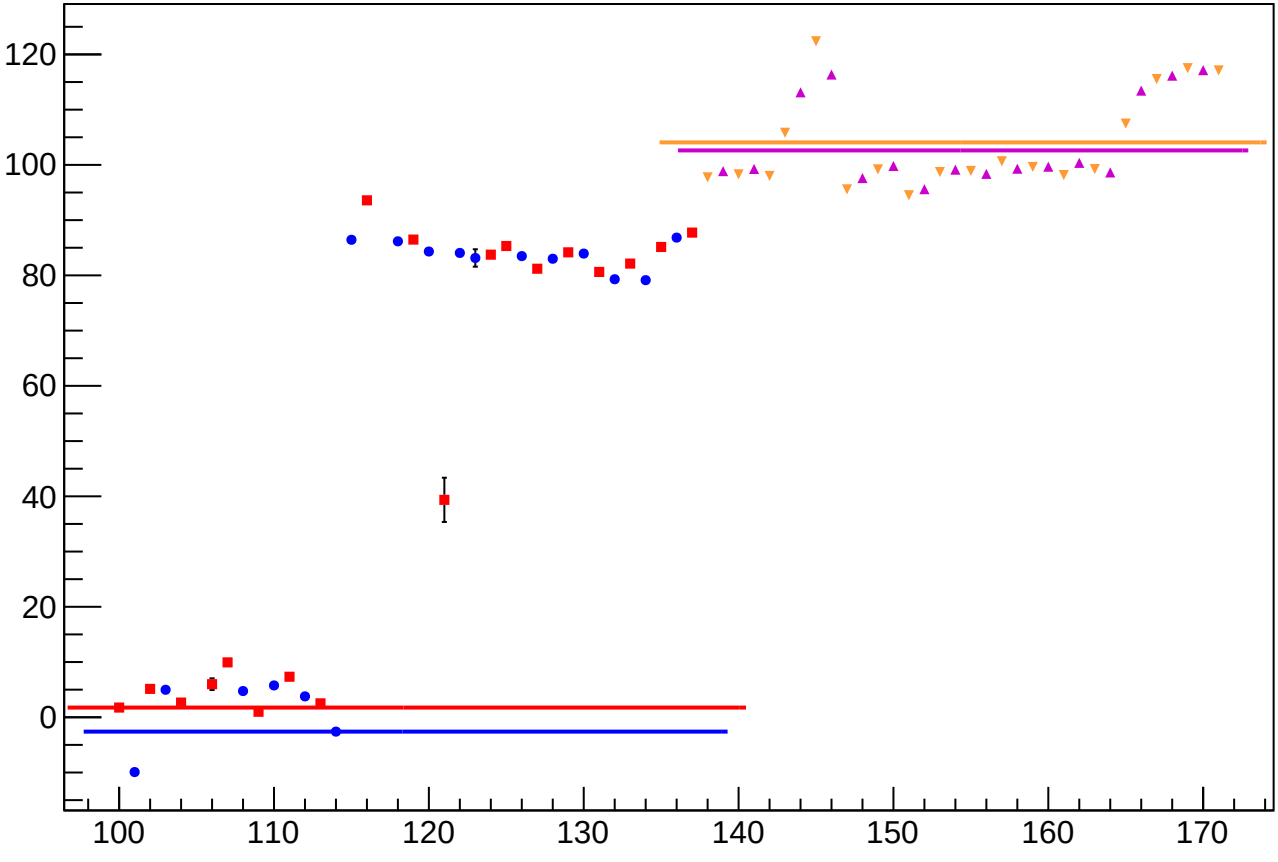
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 18.481+/-0.005 χ^2/NDF:480689.8/32

Out: 18.067+/-0.004 χ^2/NDF:763297.0/36

All: 18.246+/-0.003 χ^2/NDF: 1247715.0/69

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 104.073+/-0.011 χ^2/NDF:594233.2/17

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 102.620+/-0.011 χ^2/NDF:418871.2/15

Left: 103.369+/-0.008 χ^2/NDF: 1021493.1/33

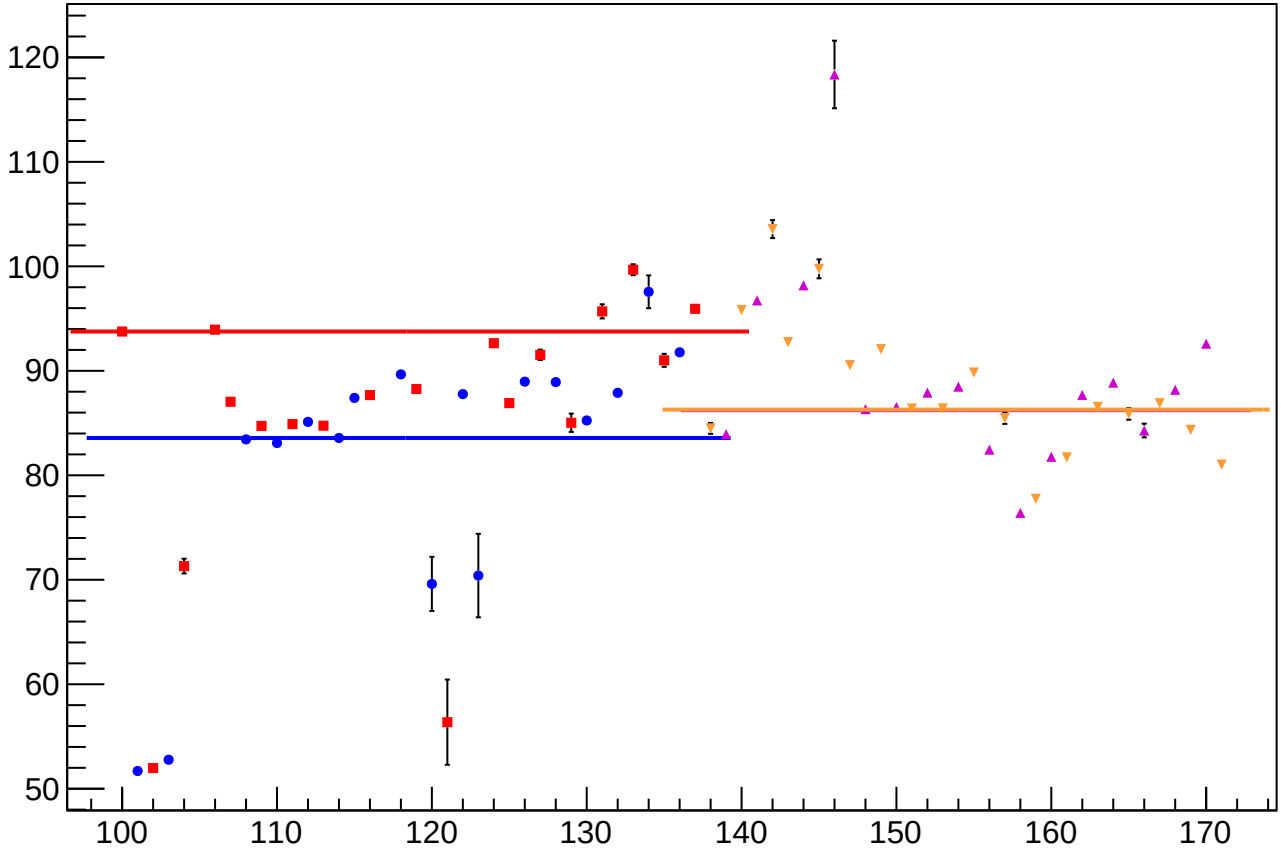
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:93215087.9/32

Out: 1.758+/-0.000 χ^2/NDF:90795414.1/36

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: 86.287+/-0.071 χ^2/NDF:5869.6/17

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 86.235+/-0.059 χ^2/NDF:7161.2/15

Left: 86.256+/-0.046 χ^2/NDF: 13031.1/33

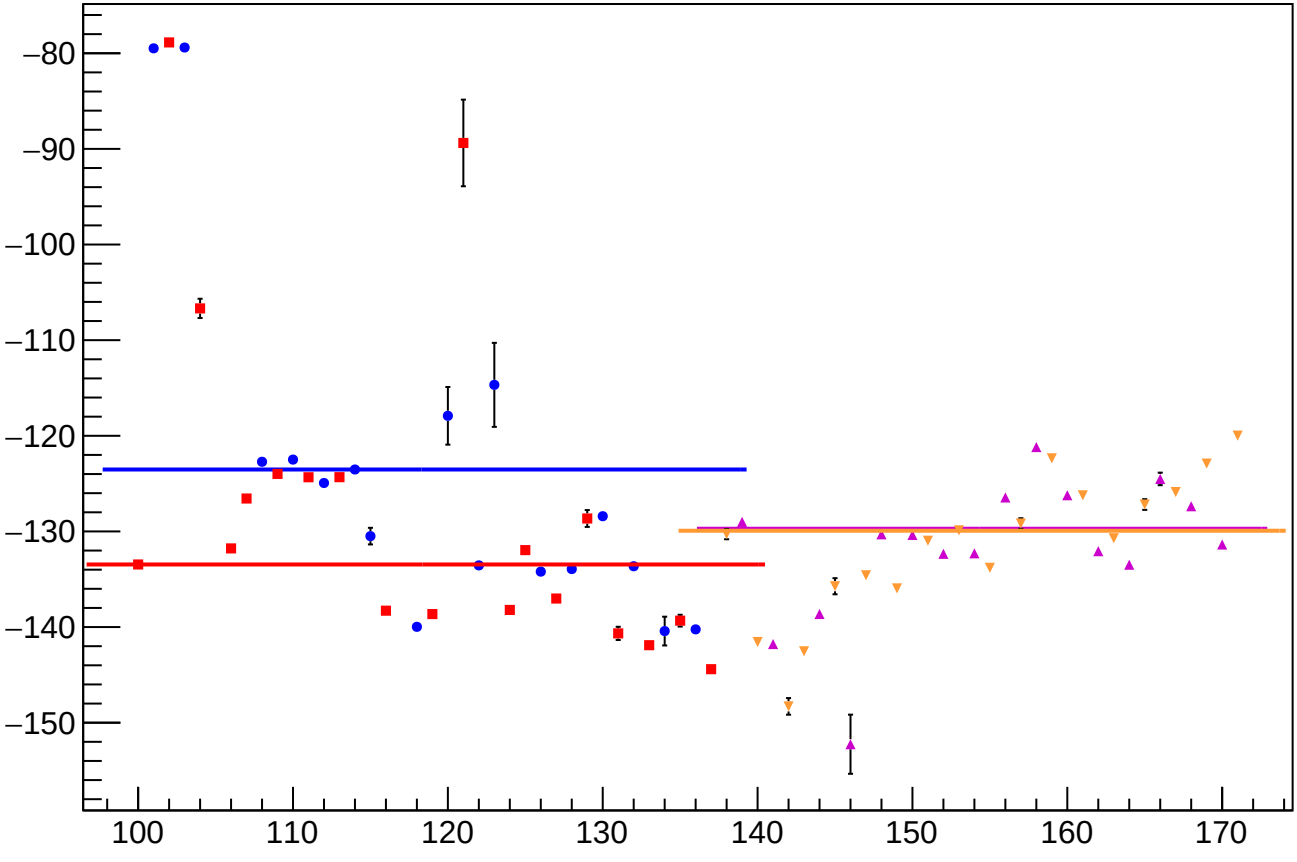
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:58654.0/32

Out: 93.762+/-0.000 χ^2/NDF:99691.0/36

All: 87.169+/-0.000 χ^2/NDF: 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -129.927+/-0.071 χ^2/NDF:9175.4/17

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.719+/-0.058 χ^2/NDF:5443.4/15

Left: -129.803+/-0.045 χ^2/NDF: 14624.0/33

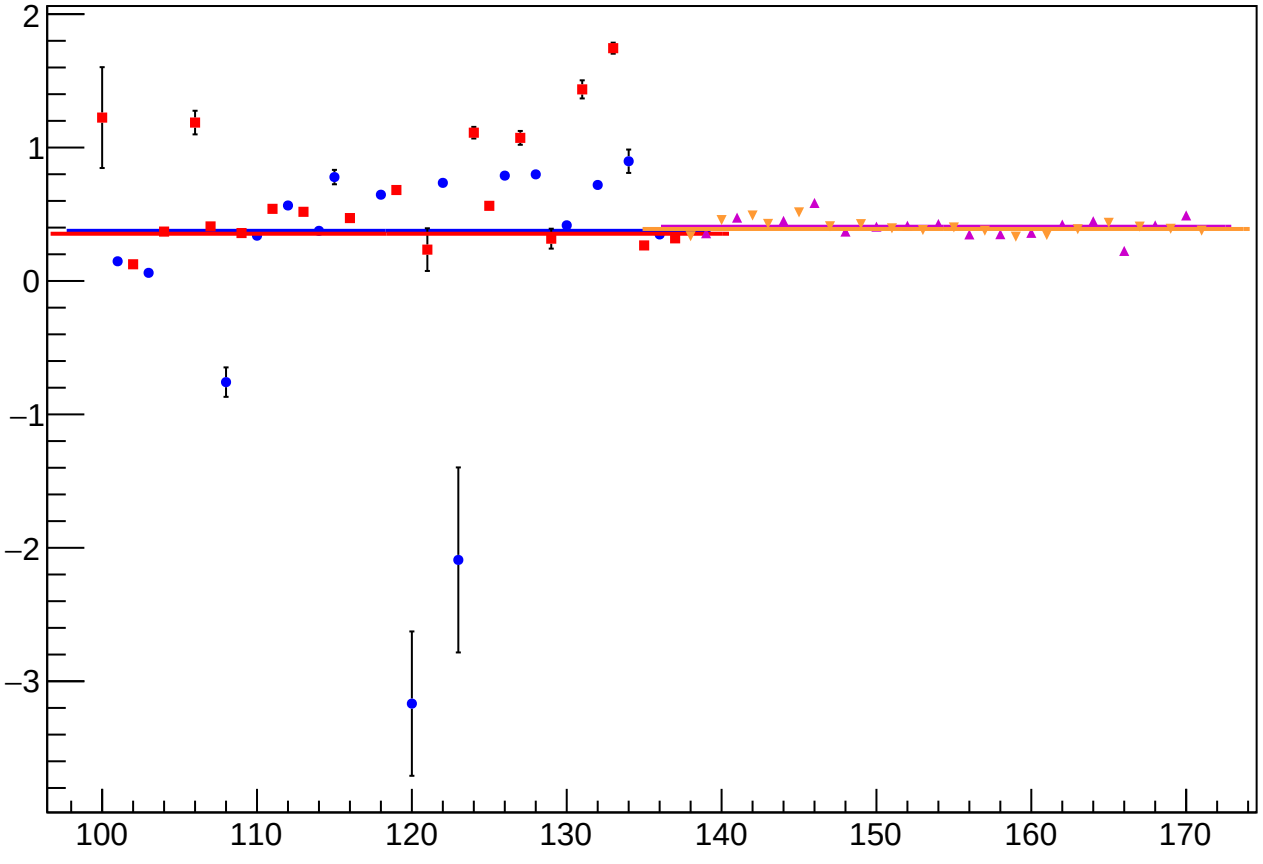
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:177095.2/32

Out: -133.456+/-0.000 χ^2/NDF:406549.3/36

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: 0.390+/-0.001 χ^2/NDF:4765.2/17

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.407+/-0.000 χ^2/NDF:7252.0/15

Left: 0.399+/-0.000 χ^2/NDF: 12535.8/33

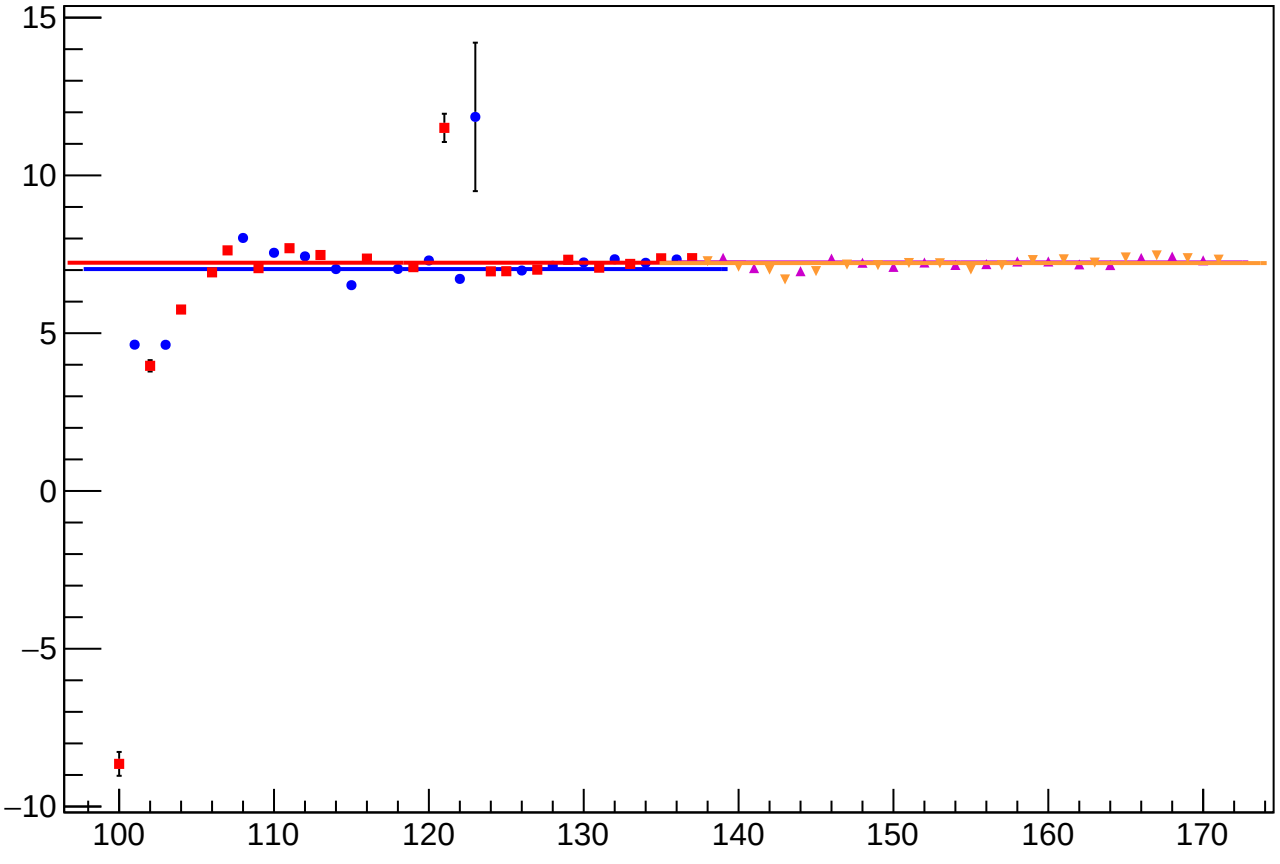
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:15057.0/32

Out: 0.386+/-0.001 χ^2/NDF:9854.7/36

All: 0.376+/-0.000 χ^2/NDF: 25287.0/69

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.221+/-0.001 χ^2/NDF:28251.5/17

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.244+/-0.001 χ^2/NDF:17997.1/15

Left: 7.233+/-0.001 χ^2/NDF: 46554.2/33

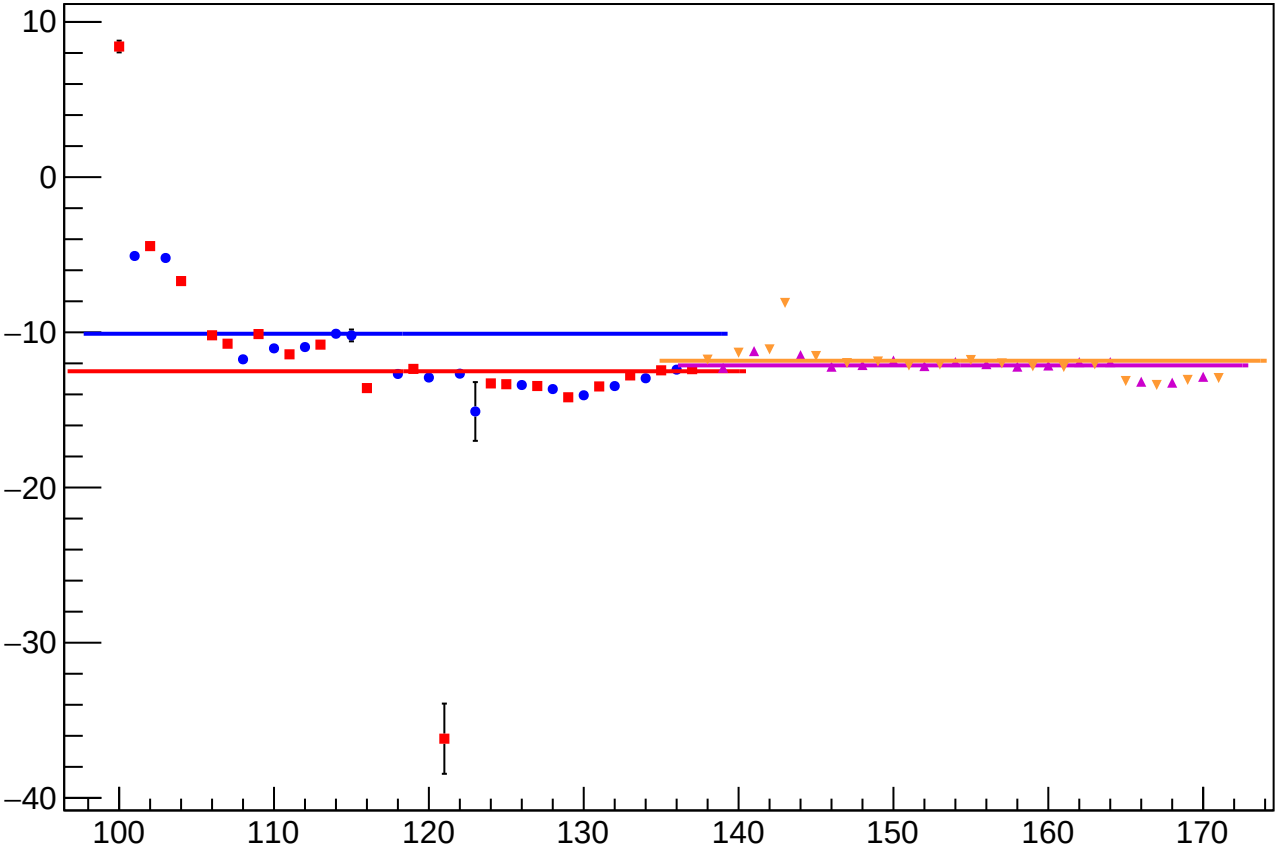
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:97105.2/32

Out: 7.223+/-0.001 χ^2/NDF:38334.4/36

All: 7.032+/-0.000 χ^2/NDF: 182620.5/69

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.831+/-0.002 χ^2/NDF:475358.7/17

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.130+/-0.002 χ^2/NDF:36100.4/15

Left: -11.981+/-0.001 χ^2/NDF: 525277.8/33

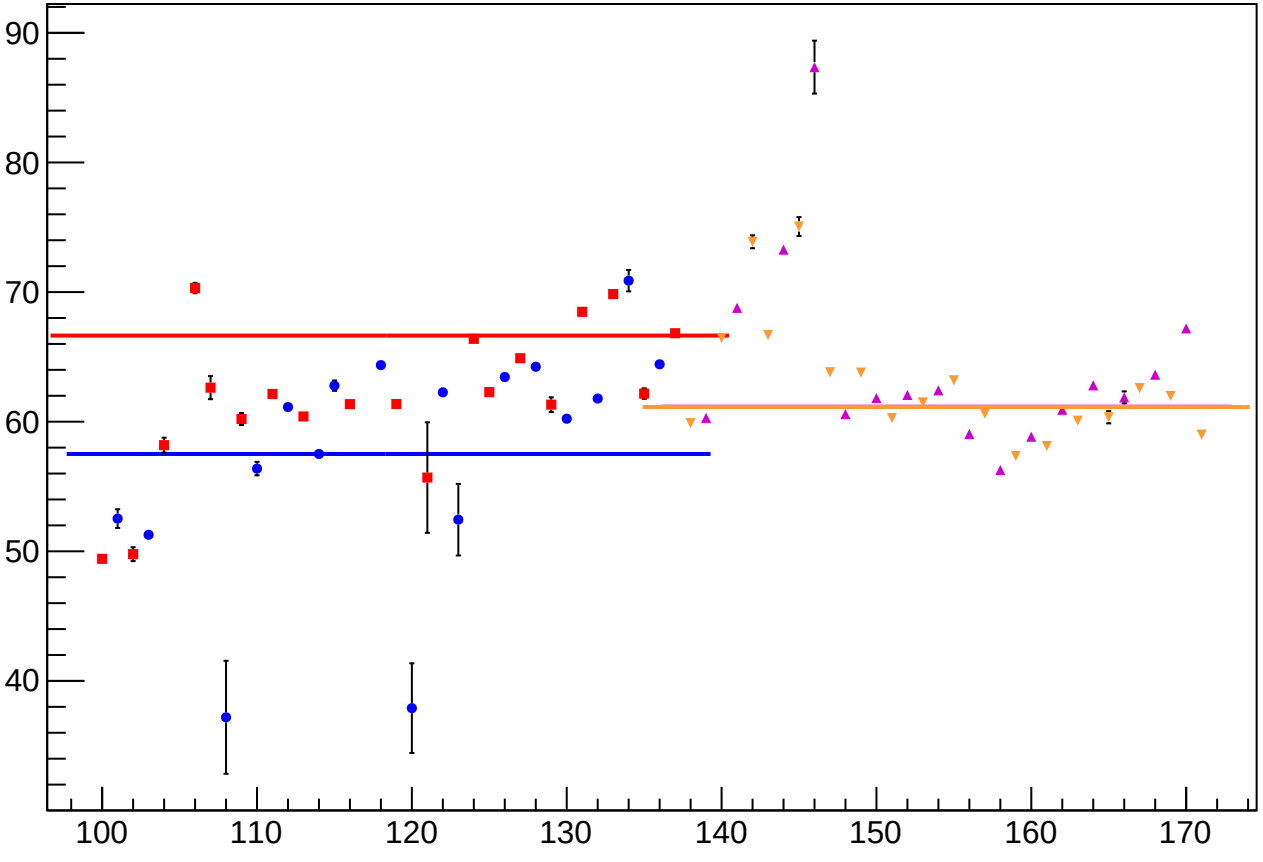
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:1866465.3/32

Out: -11.958+/-0.002 χ^2/NDF:605410.0/36

All: -10.092+/-0.000 χ^2/NDF: 3796796.1/69

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.135+/-0.043 χ^2/NDF:5323.8/17

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.157+/-0.036 χ^2/NDF:7365.4/15

Left: 61.148+/-0.028 χ^2/NDF: 12689.3/33

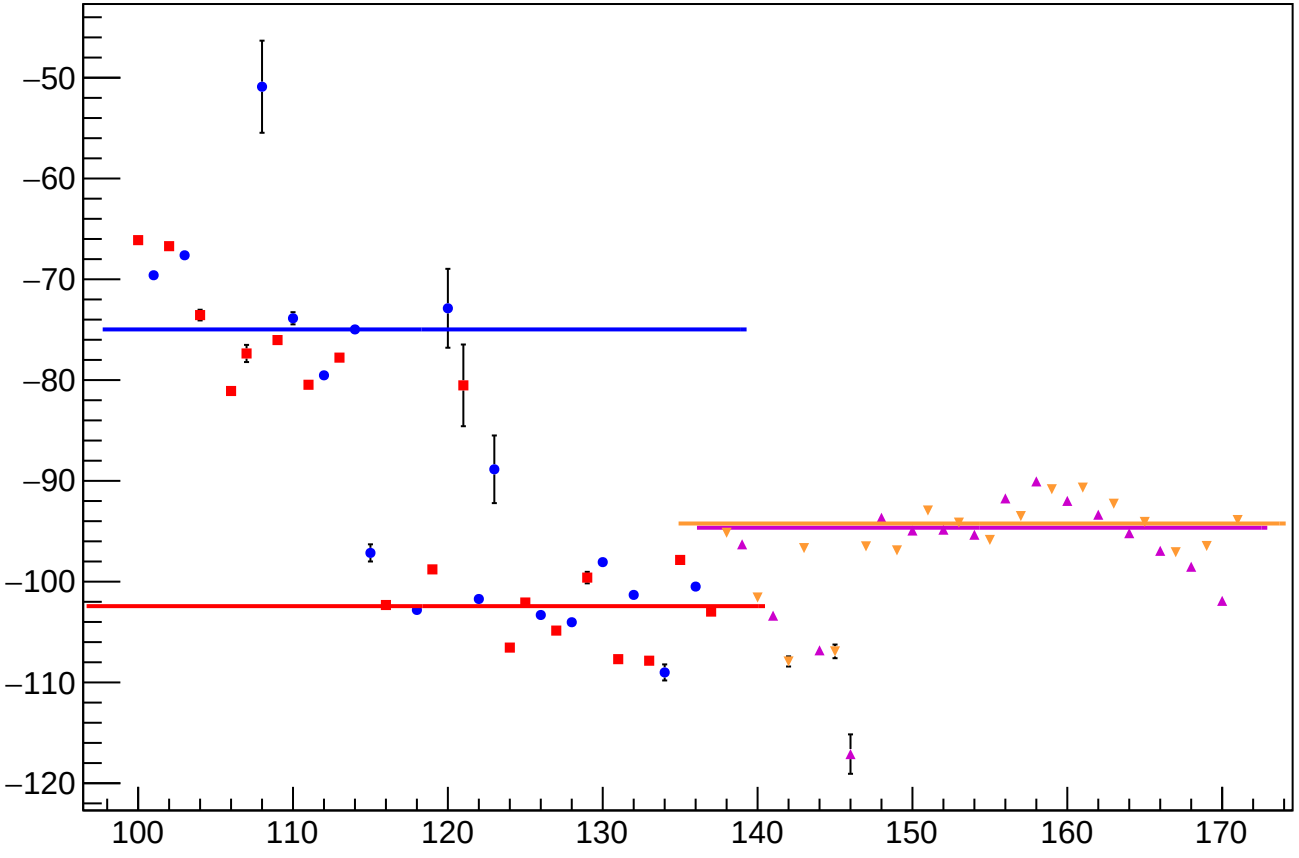
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:25822.8/32

Out: 66.180+/-0.013 χ^2/NDF:28468.1/36

All: 57.510+/-0.000 χ^2/NDF: 534555.9/69

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -94.230+/-0.043 χ^2/NDF:5256.8/17

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -94.650+/-0.036 χ^2/NDF:8737.9/15

Left: -94.476+/-0.028 χ^2/NDF: 14050.1/33

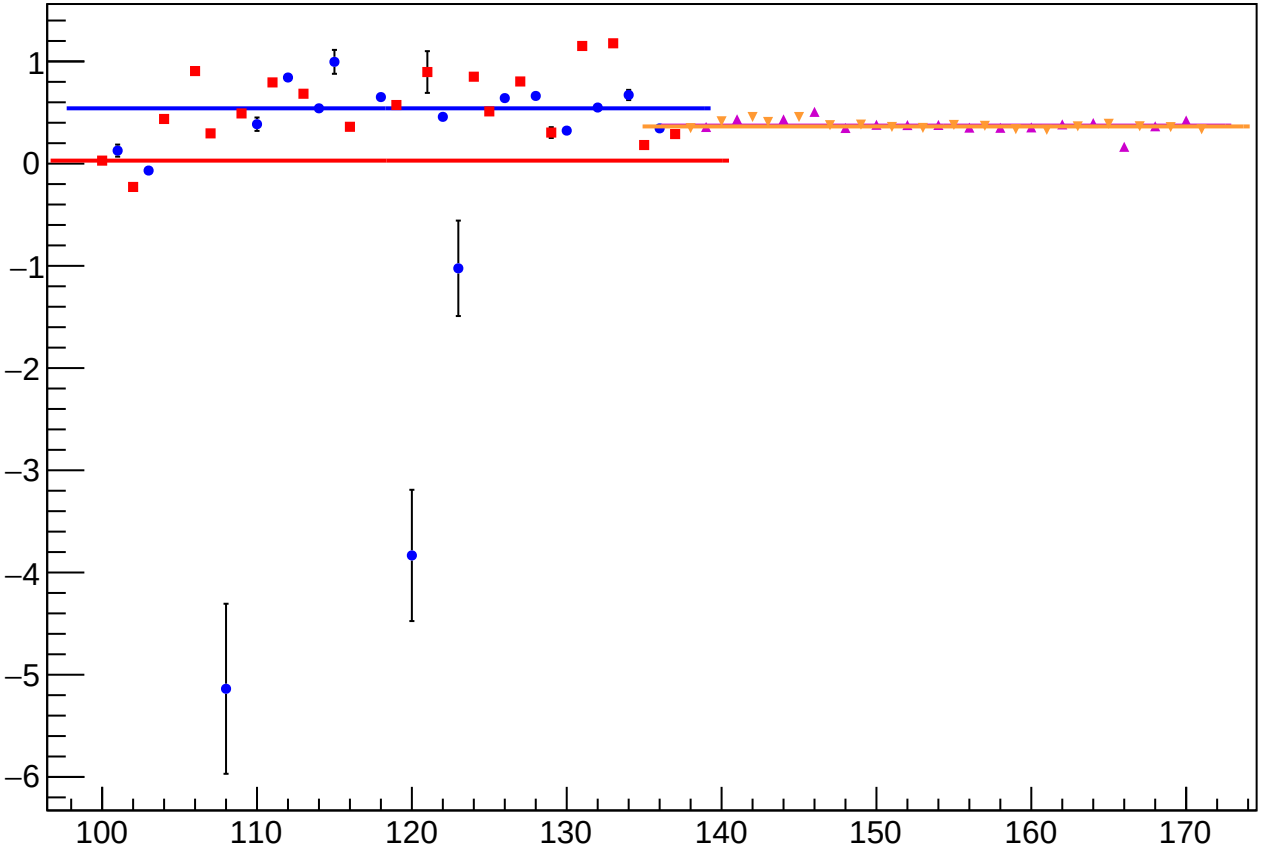
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:433582.6/32

Out: -101.234+/-0.016 χ^2/NDF:86540.9/36

All: -74.974+/-0.000 χ^2/NDF: 3064365.9/69

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.364+/-0.000 χ^2/NDF:3527.5/17

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.372+/-0.000 χ^2/NDF:5743.9/15

Left: 0.369+/-0.000 χ^2/NDF: 9522.1/33

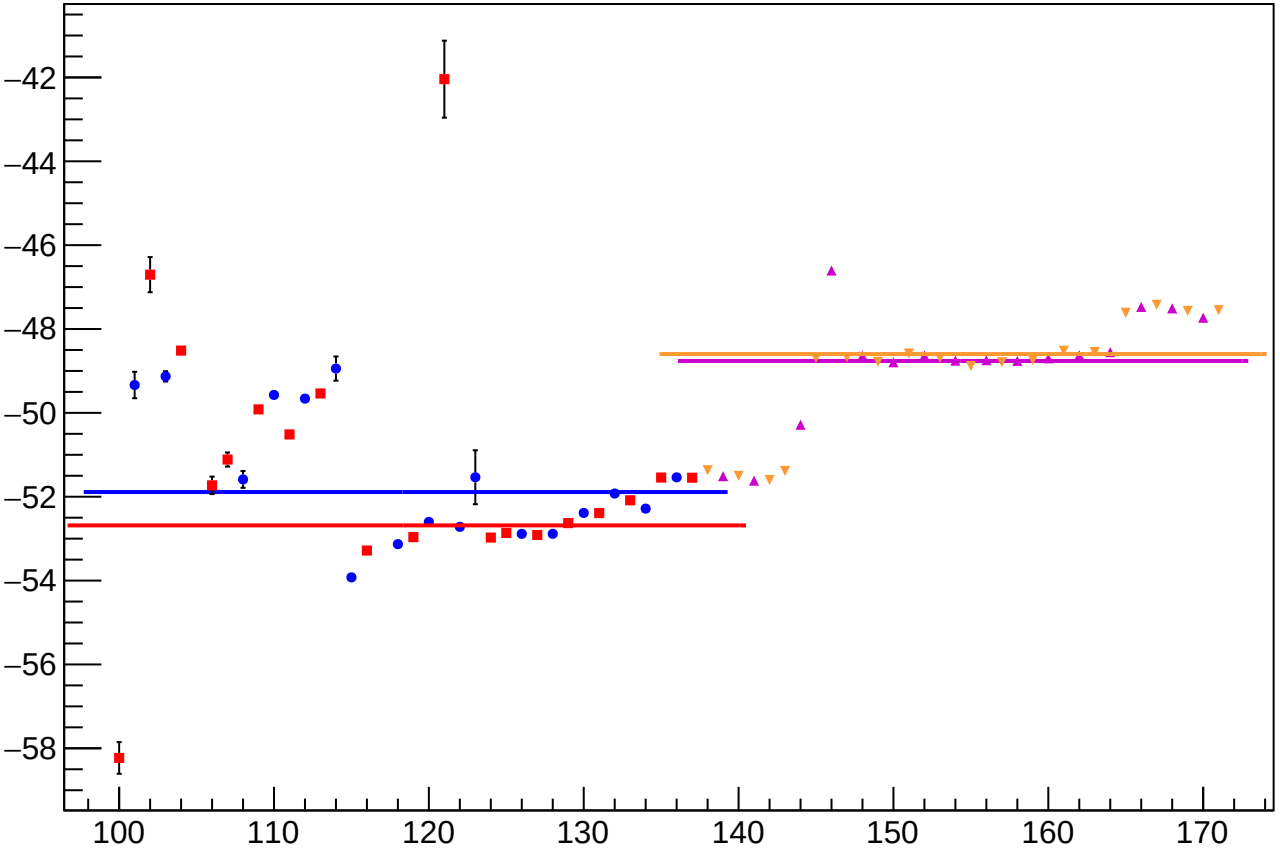
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:313607.2/32

Out: 0.030+/-0.000 χ^2/NDF:820489.2/36

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: -48.597+/-0.001 χ^2/NDF:634013.4/17

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.762+/-0.001 χ^2/NDF:708614.1/15

Left: -48.692+/-0.001 χ^2/NDF: 1354720.9/33

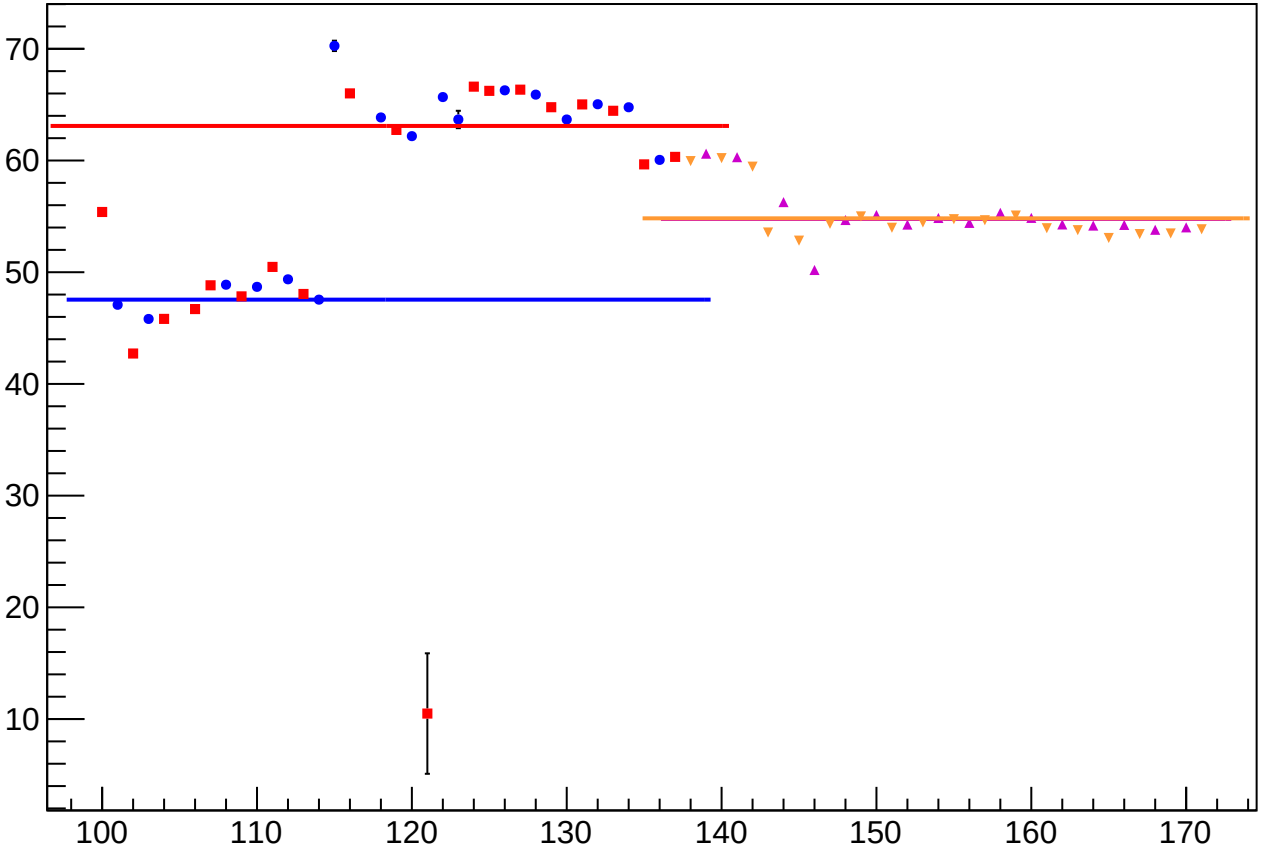
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.271+/-0.001 χ^2/NDF:2434038.8/32

Out: -49.271+/-0.001 χ^2/NDF:2819254.4/36

All: -49.271+/-0.001 χ^2/NDF: 5253293.2/69

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.823+/-0.003 χ^2/NDF:274507.9/17

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.765+/-0.003 χ^2/NDF:88748.6/15

Left: 54.790+/-0.002 χ^2/NDF: 363463.2/33

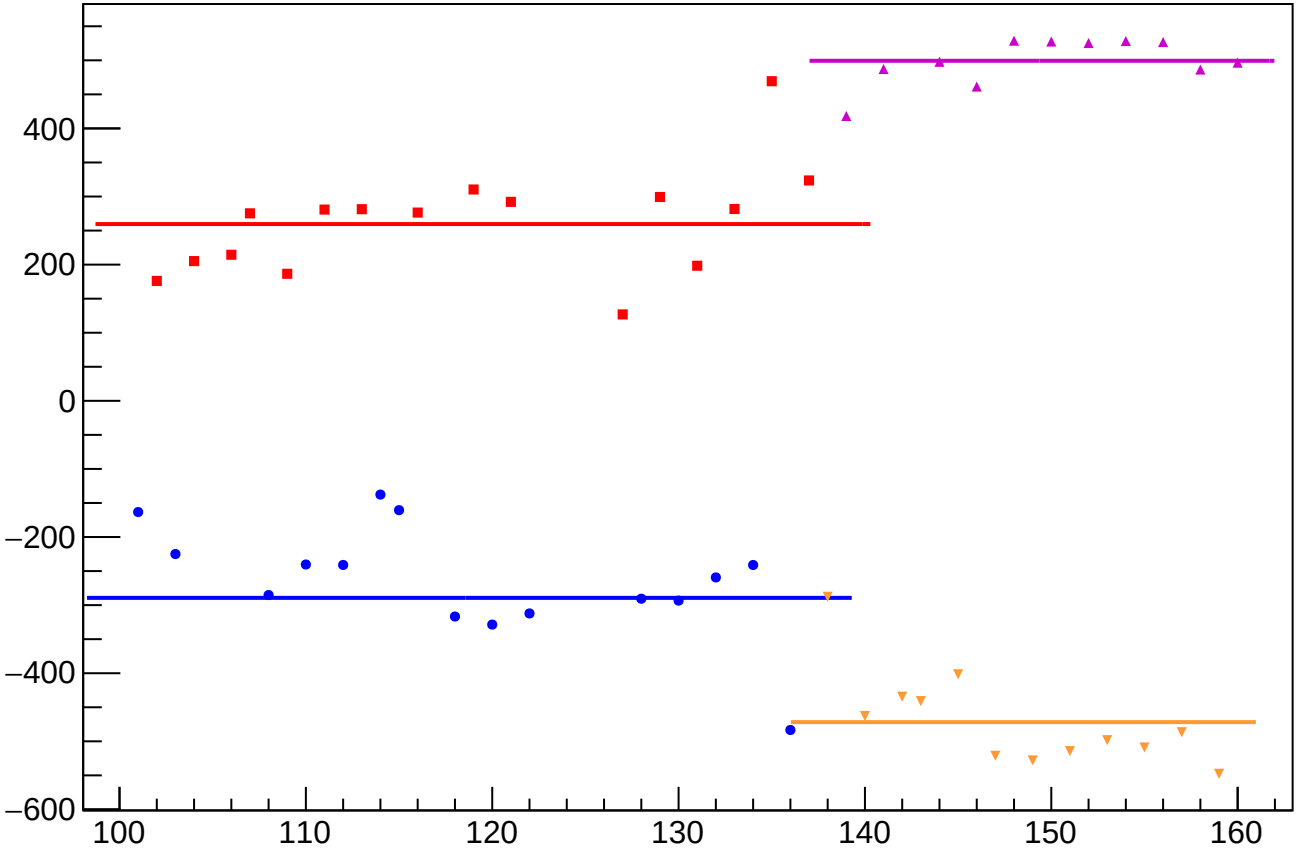
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:10957262.6/32

Out: 56.019+/-0.003 χ^2/NDF:1656160.4/36

All: 47.545+/-0.000 χ^2/NDF: 21505960.6/69

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.408+/-0.000 χ^2/NDF: 4387510726187305

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

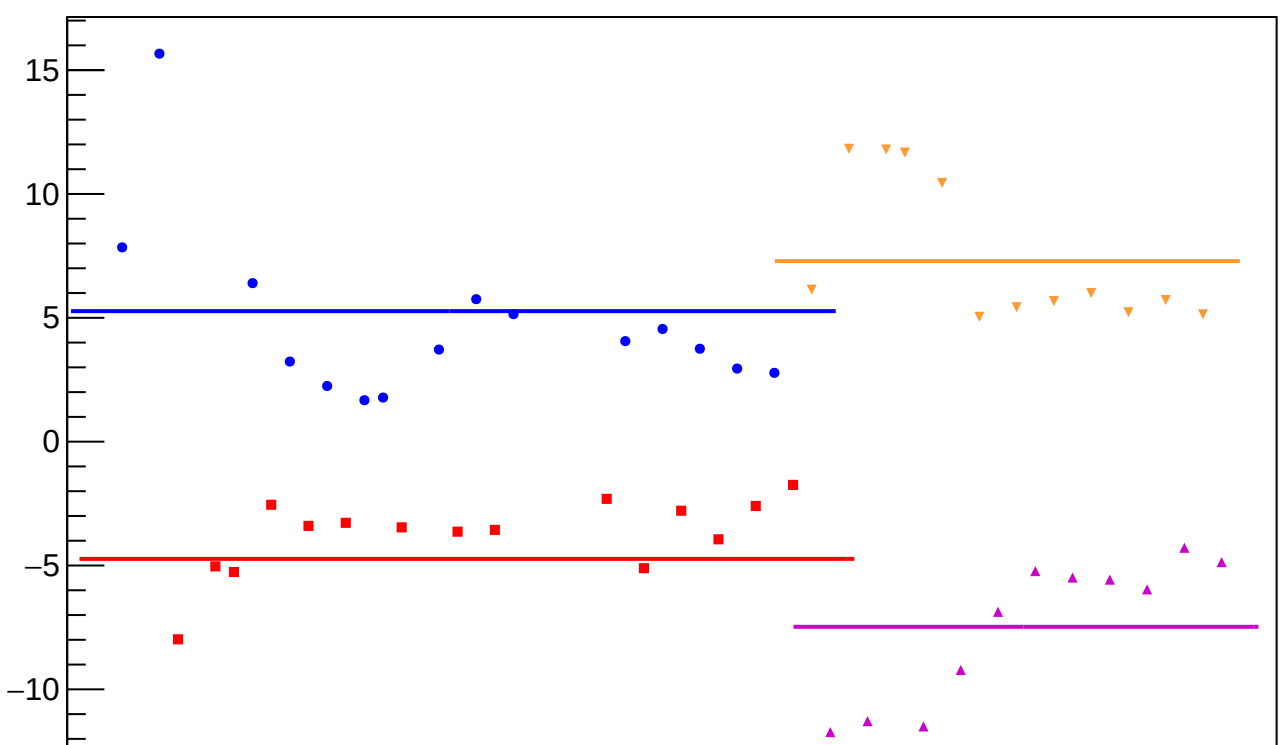
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -163.246+/-0.000 χ^2/NDF:214955339400548

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.918+/-0.000 χ^2/NDF: 5481010805807

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.132+/-0.000 χ^2/NDF: 11395661588137733

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 7.291+/-0.000 χ^2/NDF:67180535151728638858364323511664 64.0/11

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

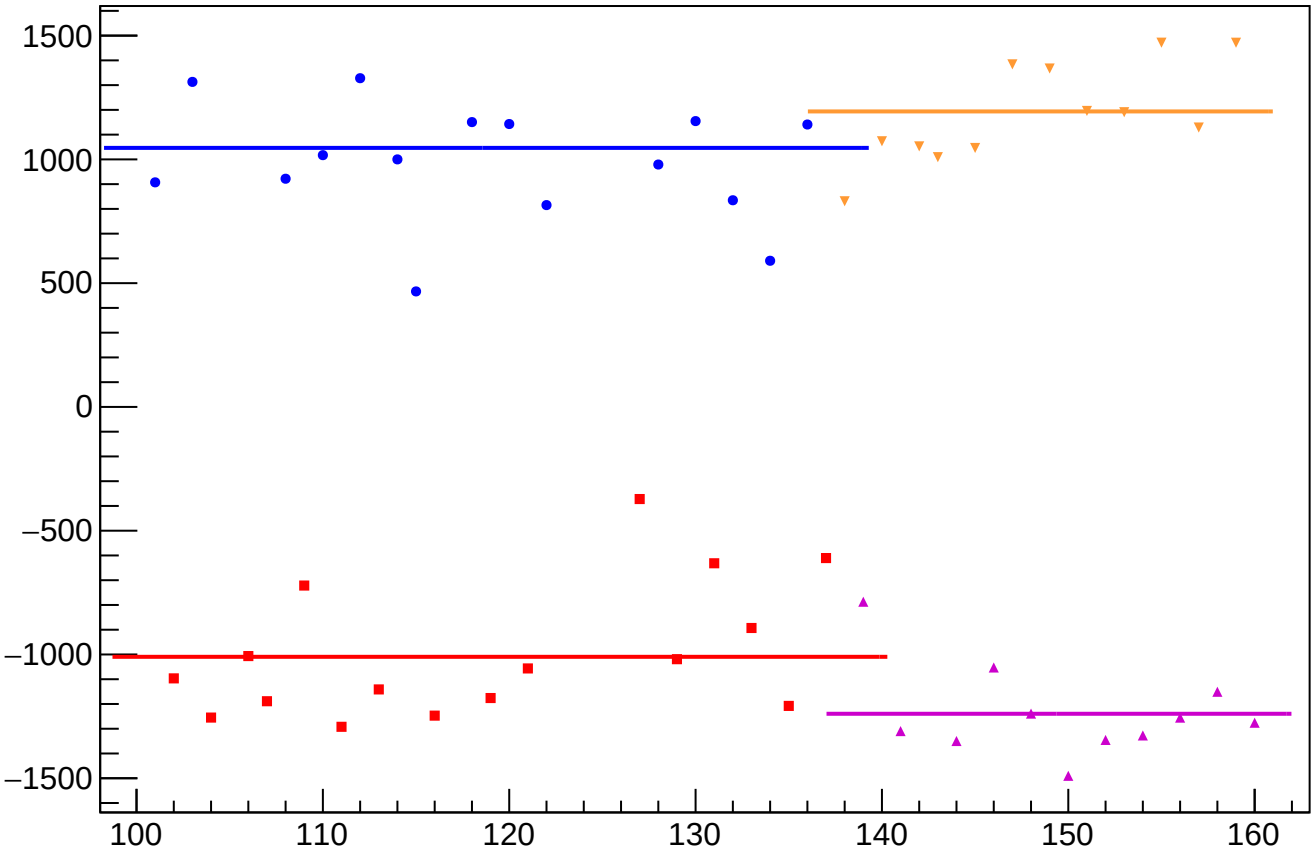
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

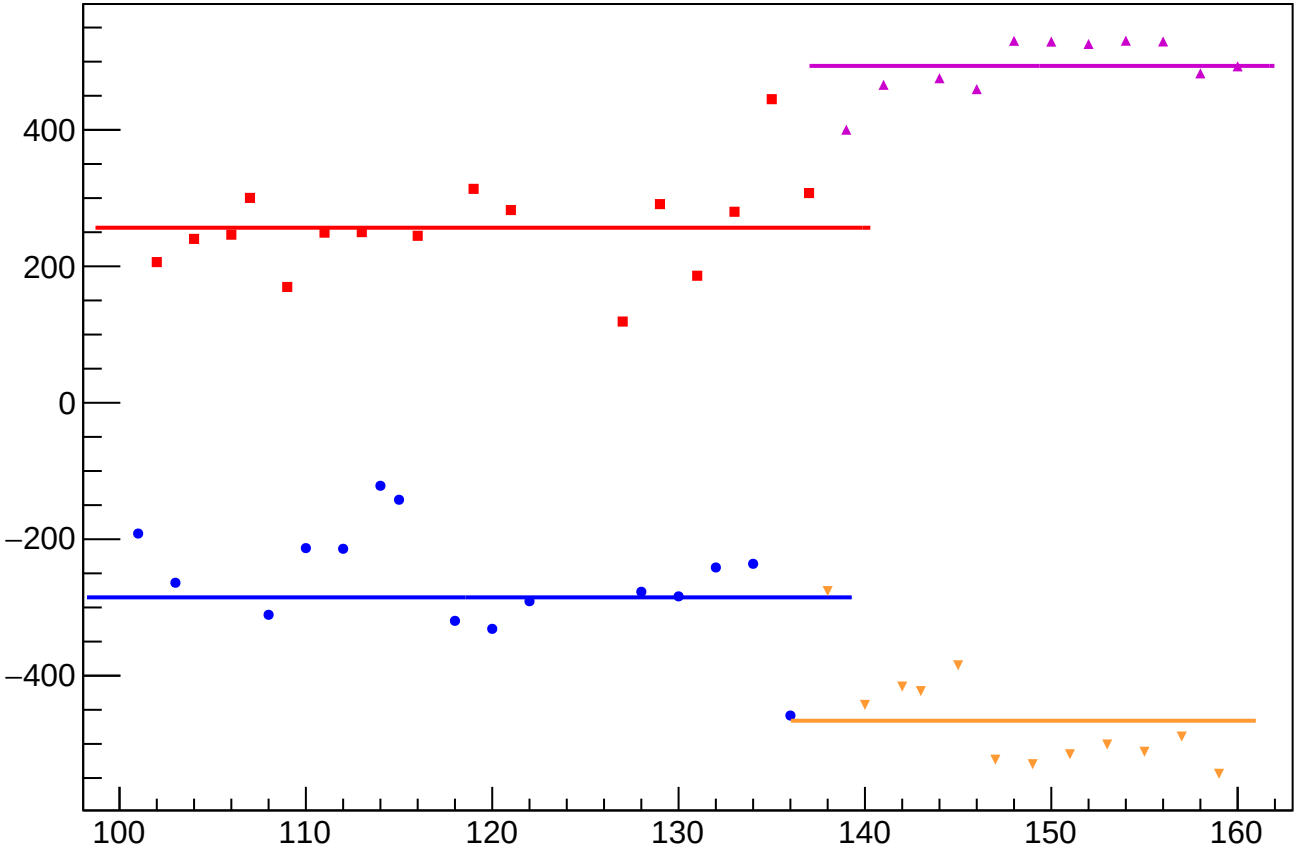
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



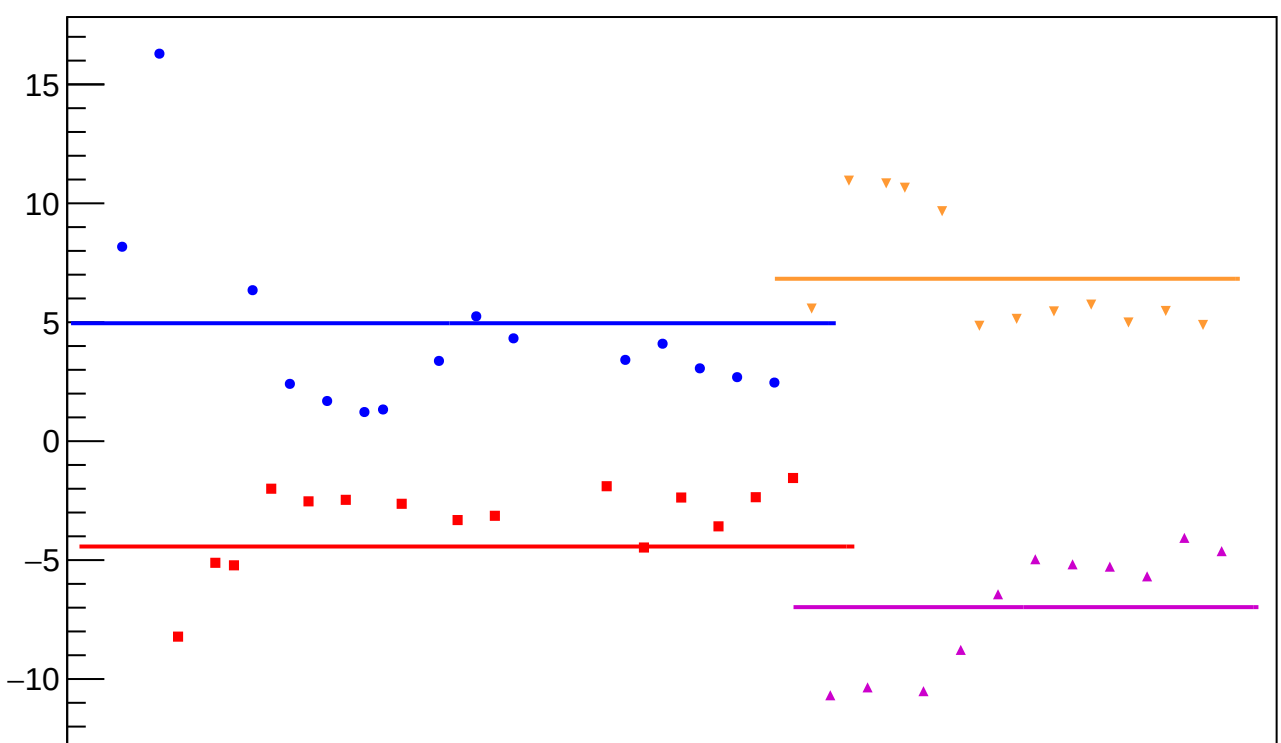
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.495+/-0.000 χ^2/NDF: 4299214523366525
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -161.153+/-0.000 χ^2/NDF:210188051150550
Left In: 493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10
All: 5.194+/-0.000 χ^2/NDF: 5351657860552

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

Left: -0.112+/-0.000 χ^2/NDF: 98575453845748466

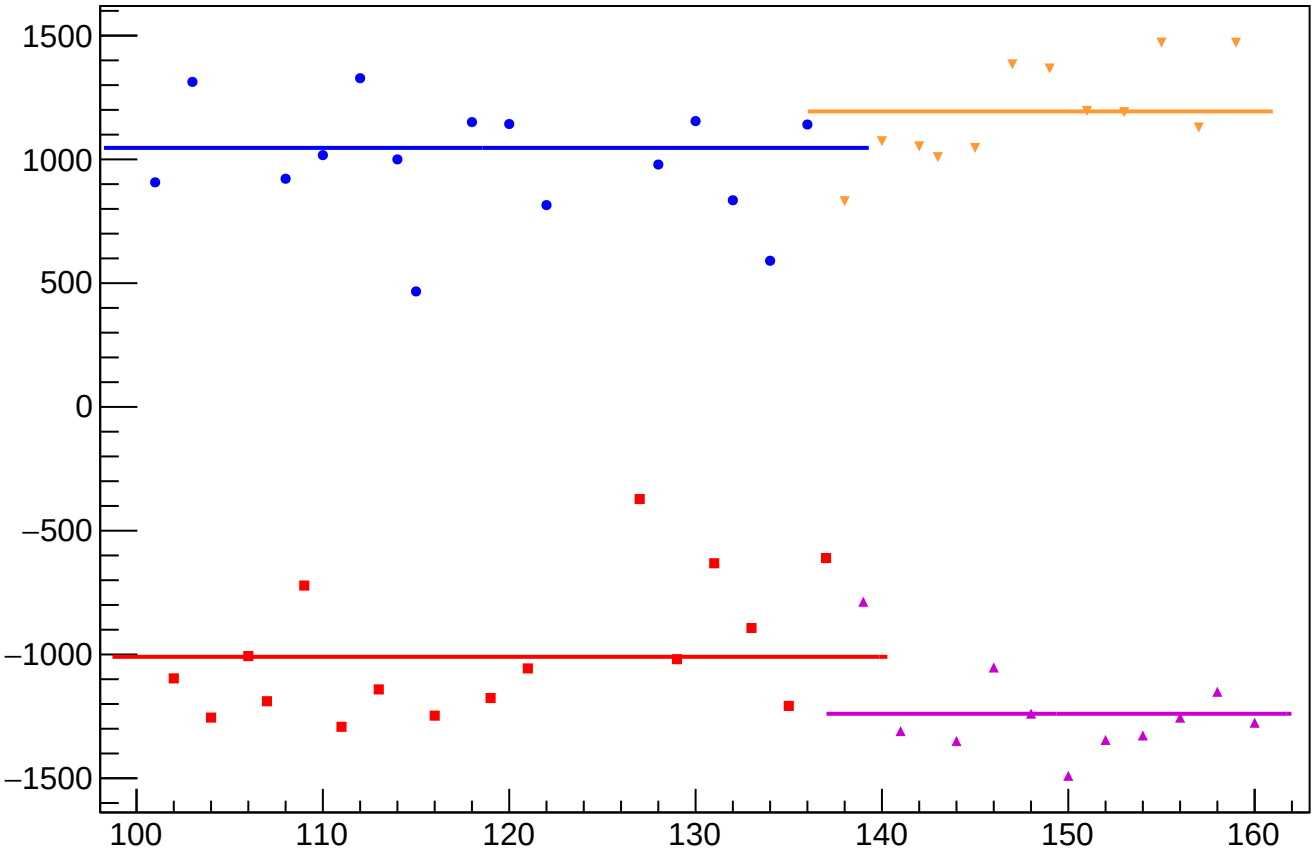
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

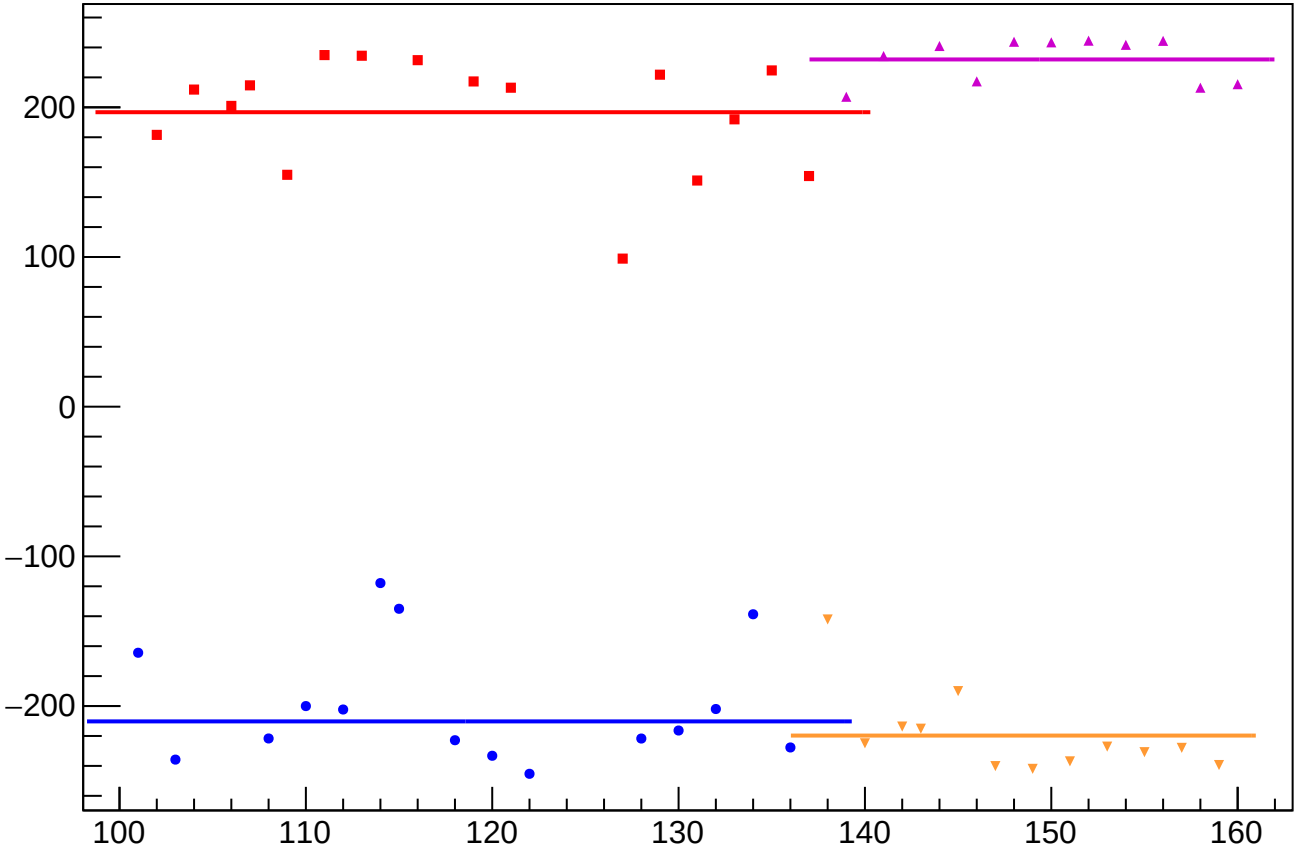
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Left: 7.357+/-0.000 χ^2/NDF: 946302102045066653

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

In: 49.520+/-0.000 χ^2/NDF:75312551342115055 4

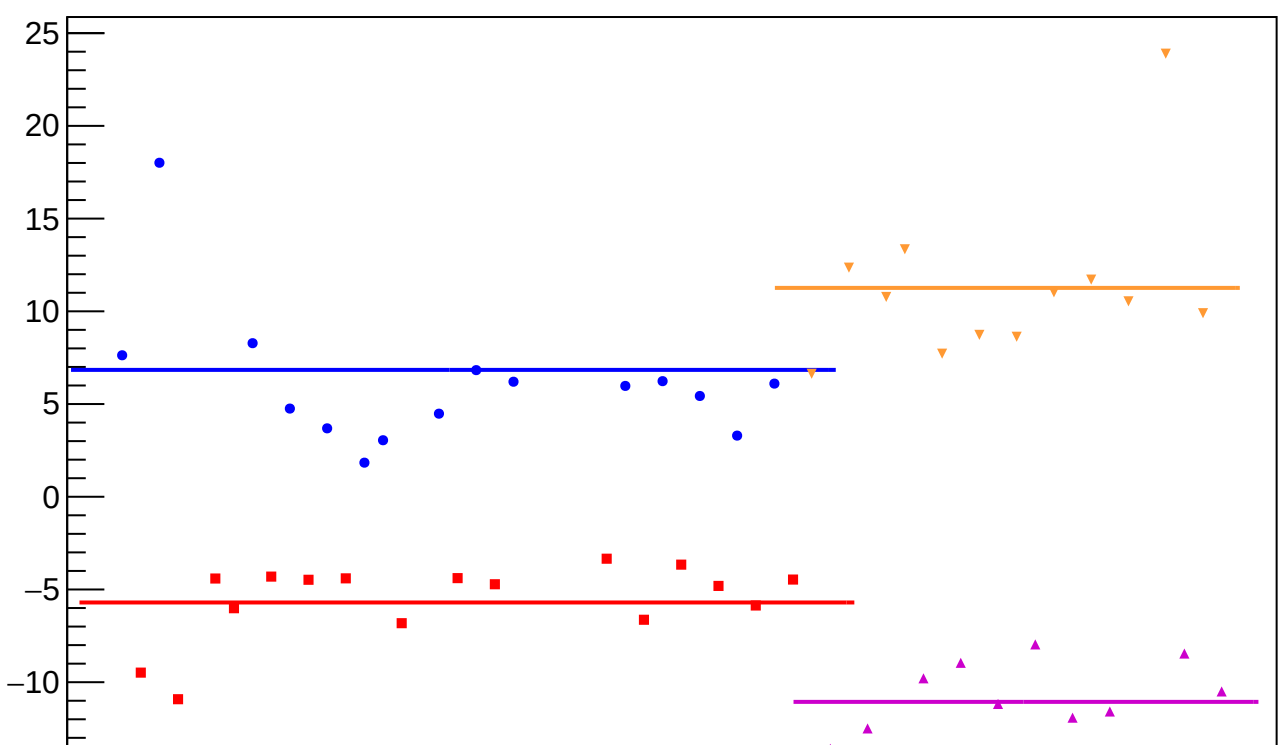
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Out: -44.029+/-0.000 χ^2/NDF:6848097439733710

Left In: 231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

All: 2.627+/-0.000 χ^2/NDF: 15069384503151

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: 0.040+/-0.000 χ^2/NDF: 250357817472556188

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 11.263+/-0.000 χ^2/NDF:169504843044958267355265373894082 56.0/11

In: -3.675+/-0.000 χ^2/NDF:135955249397154669

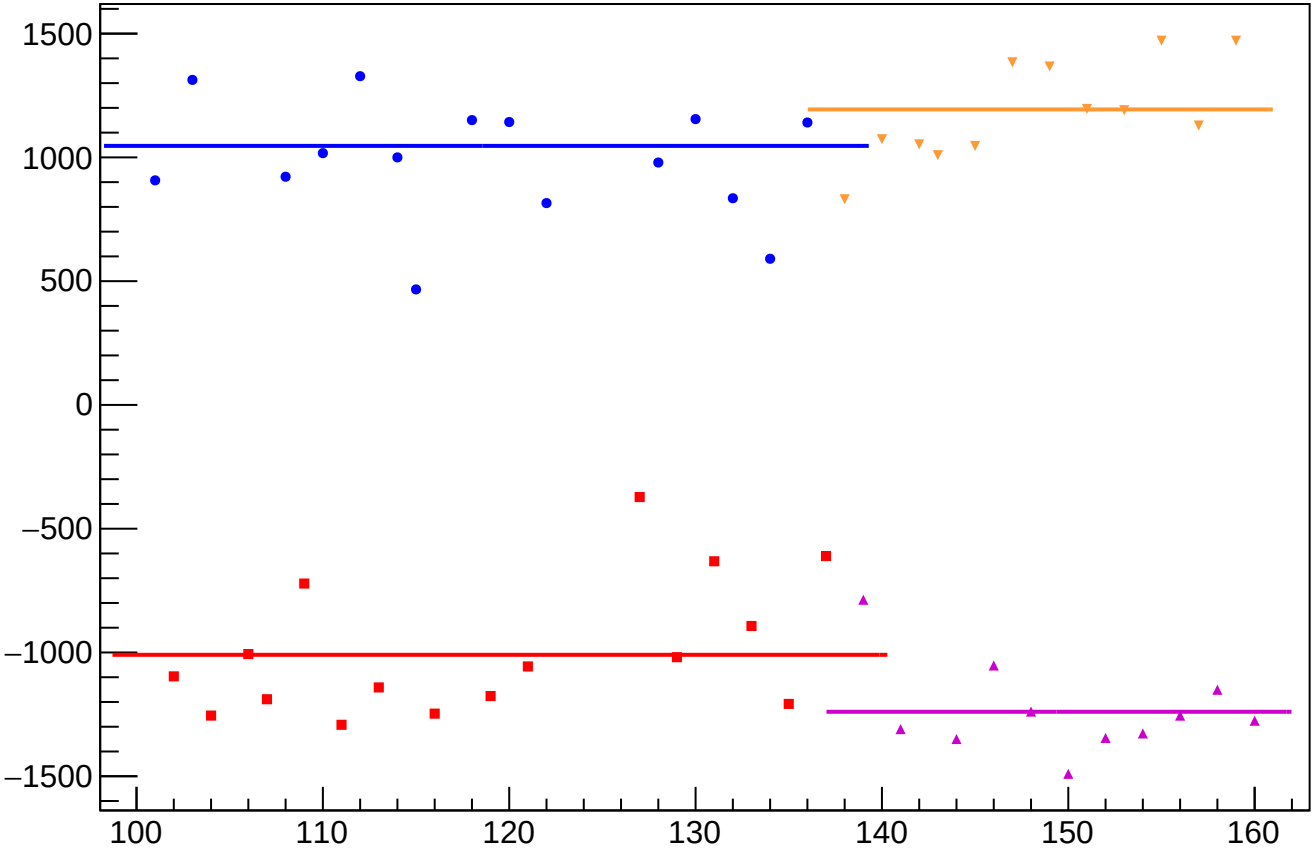
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: 4.106+/-0.000 χ^2/NDF:131096875714597245

Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10

All: 0.226+/-0.000 χ^2/NDF: 3147874341547

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

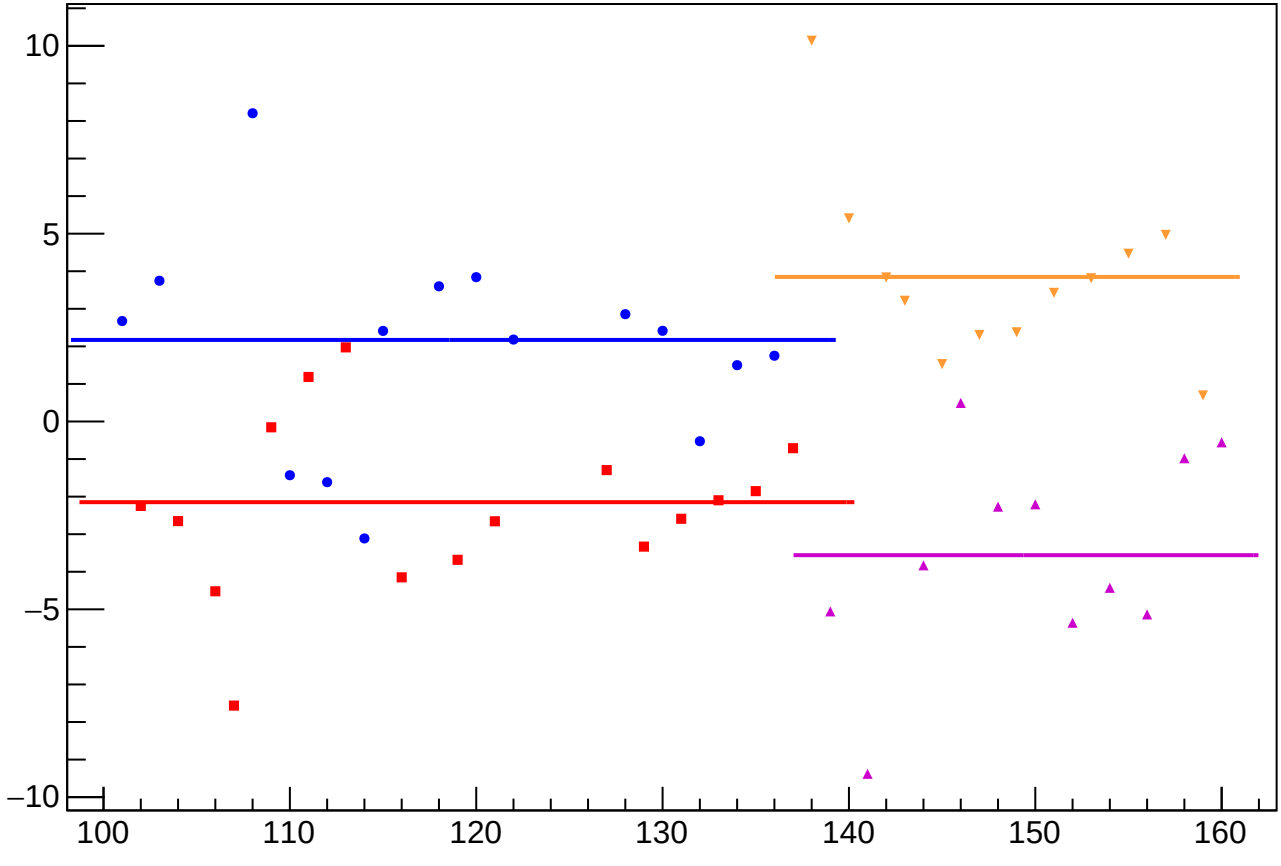
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

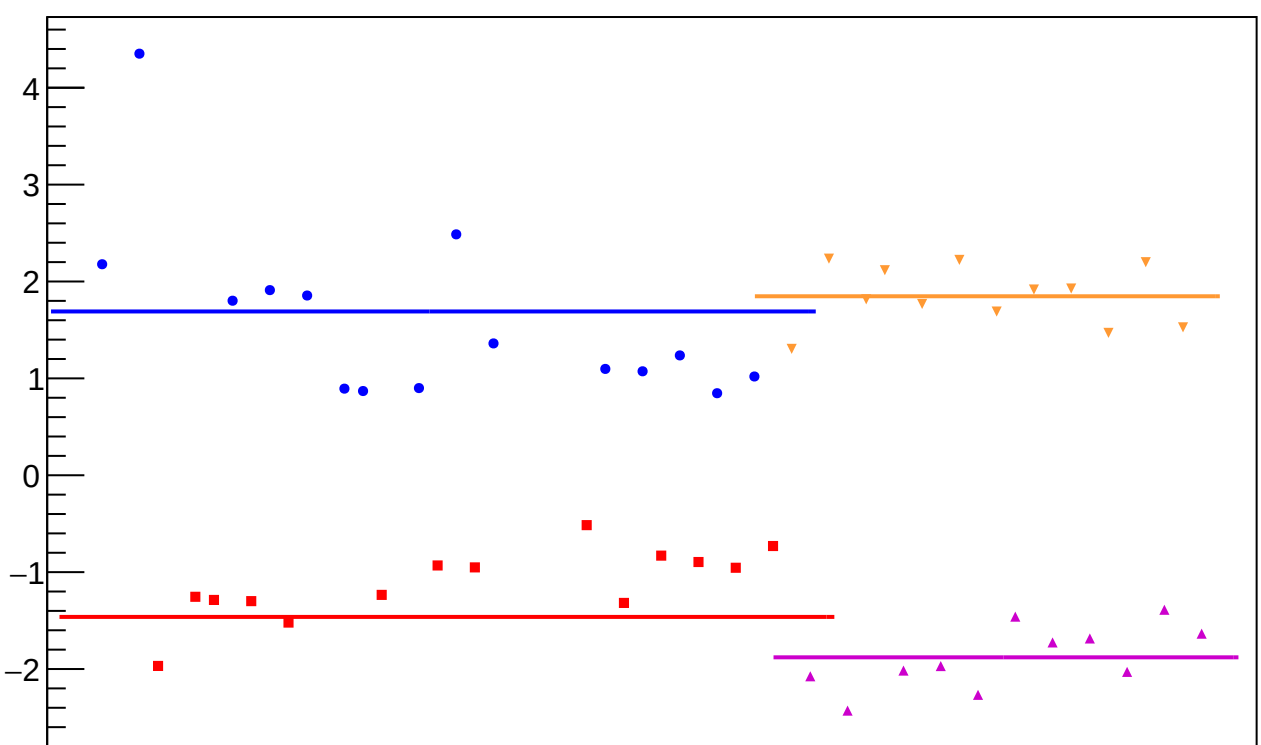
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.125+/-0.000 χ^2/NDF: 36741877851651066
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11
In: -1.195+/-0.000 χ^2/NDF:226097487134650351
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 1.319+/-0.000 χ^2/NDF:21996427060229327 9
Left In: -3.559+/-0.000 χ^2/NDF:649266734510996254065216575871 3856.0/10
All: 0.065+/-0.000 χ^2/NDF: 4958691380061 8

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65568039047872649

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

In: -0.406+/-0.000 χ^2/NDF:55619651777118776 5

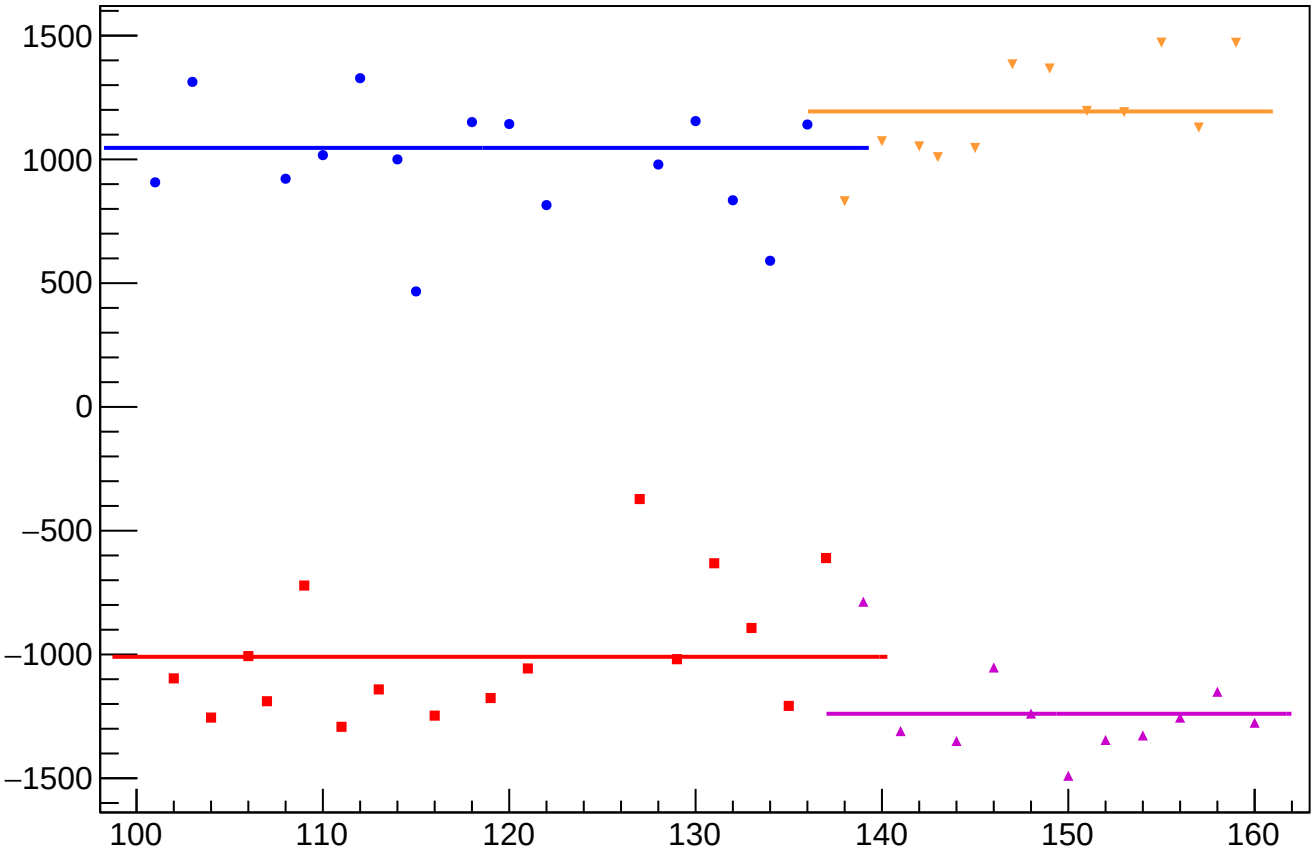
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.451+/-0.000 χ^2/NDF:47521424919016649 0

Left In: -1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

All: 0.024+/-0.000 χ^2/NDF: 1089396040046 2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

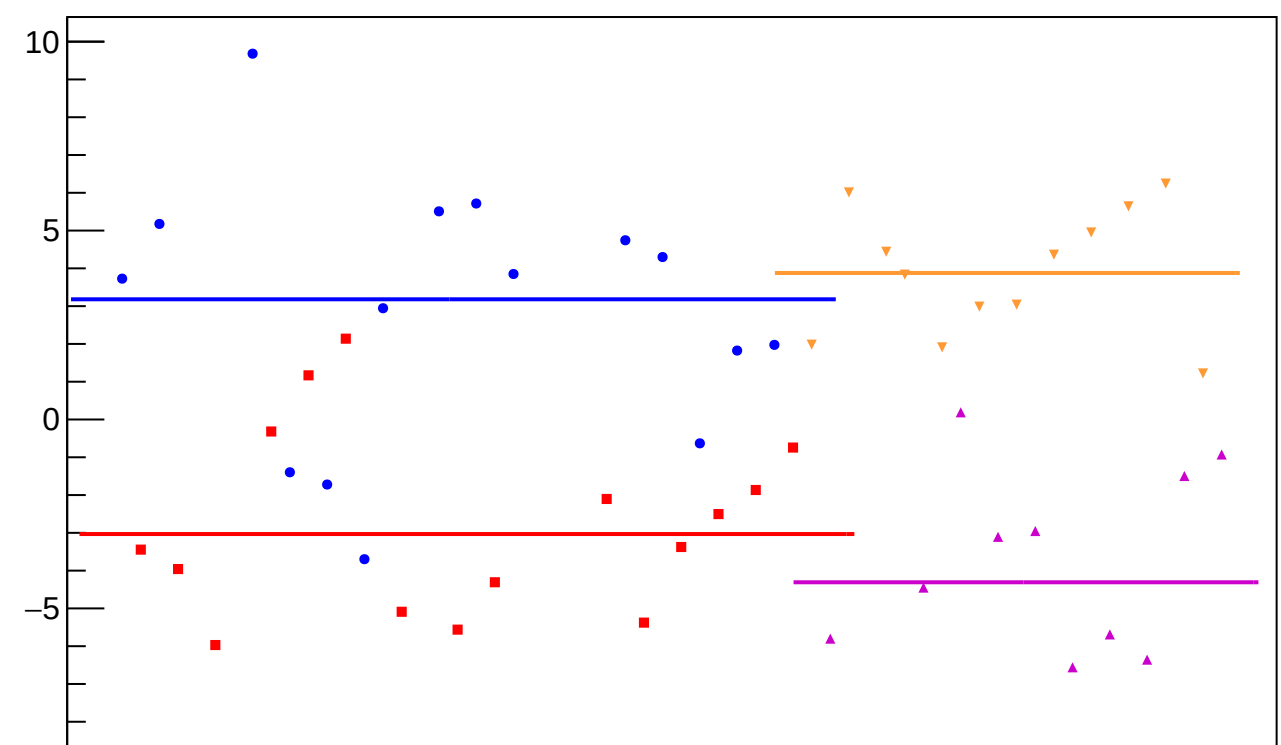
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.237+/-0.000 χ^2/NDF: 40330727078704471

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

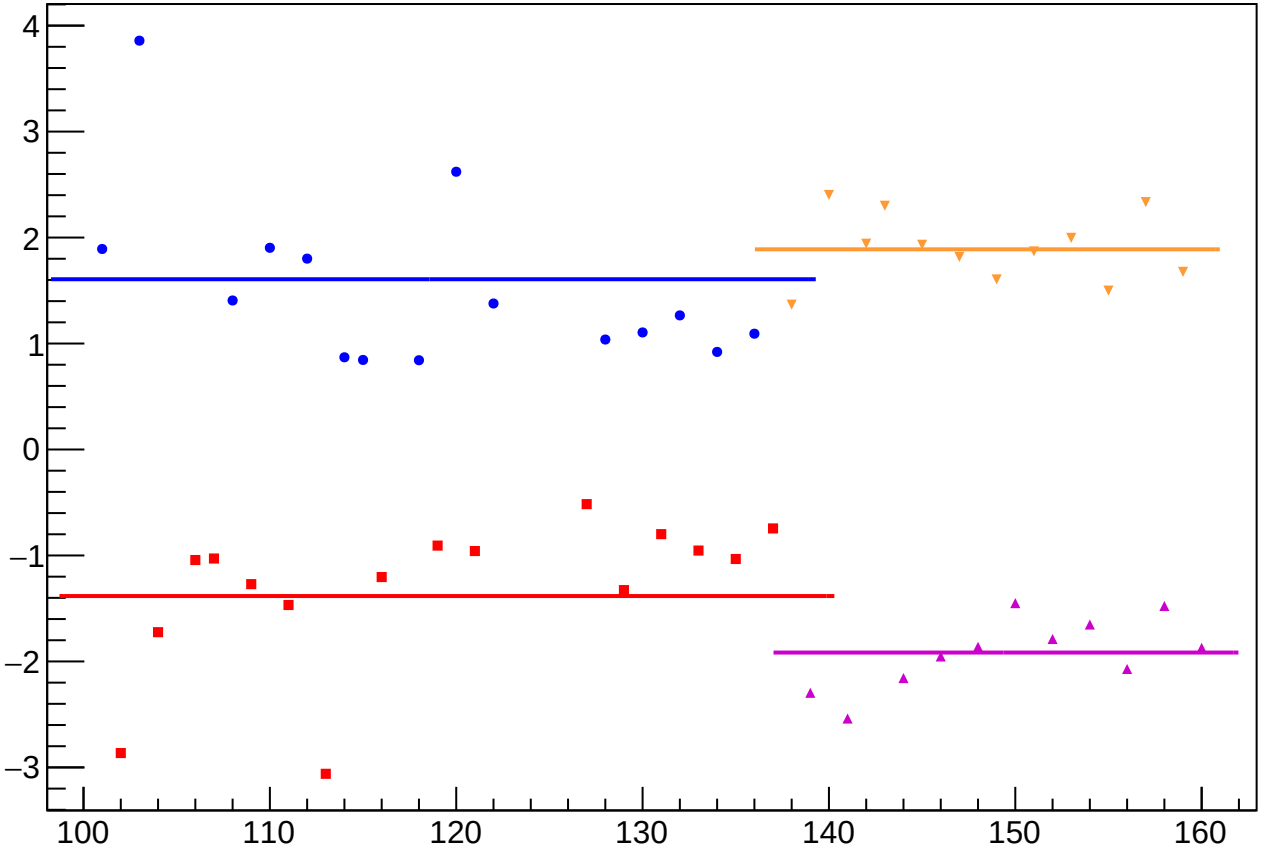
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.963+/-0.000 χ^2/NDF:25811484949024746 6

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

All: -0.125+/-0.000 χ^2/NDF: 6385427084403

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 6841688132023848

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

In: -0.463+/-0.000 χ^2/NDF:5286971171108857

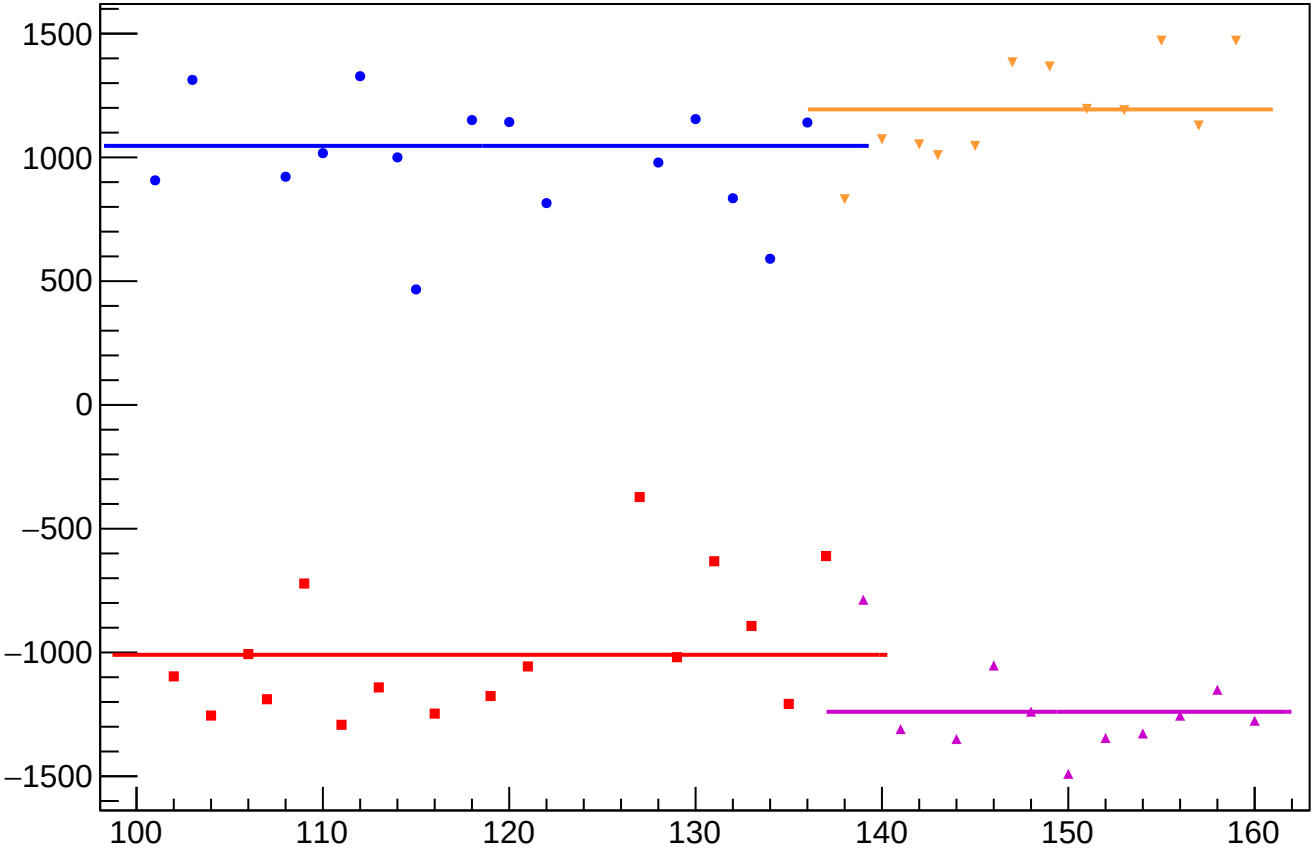
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

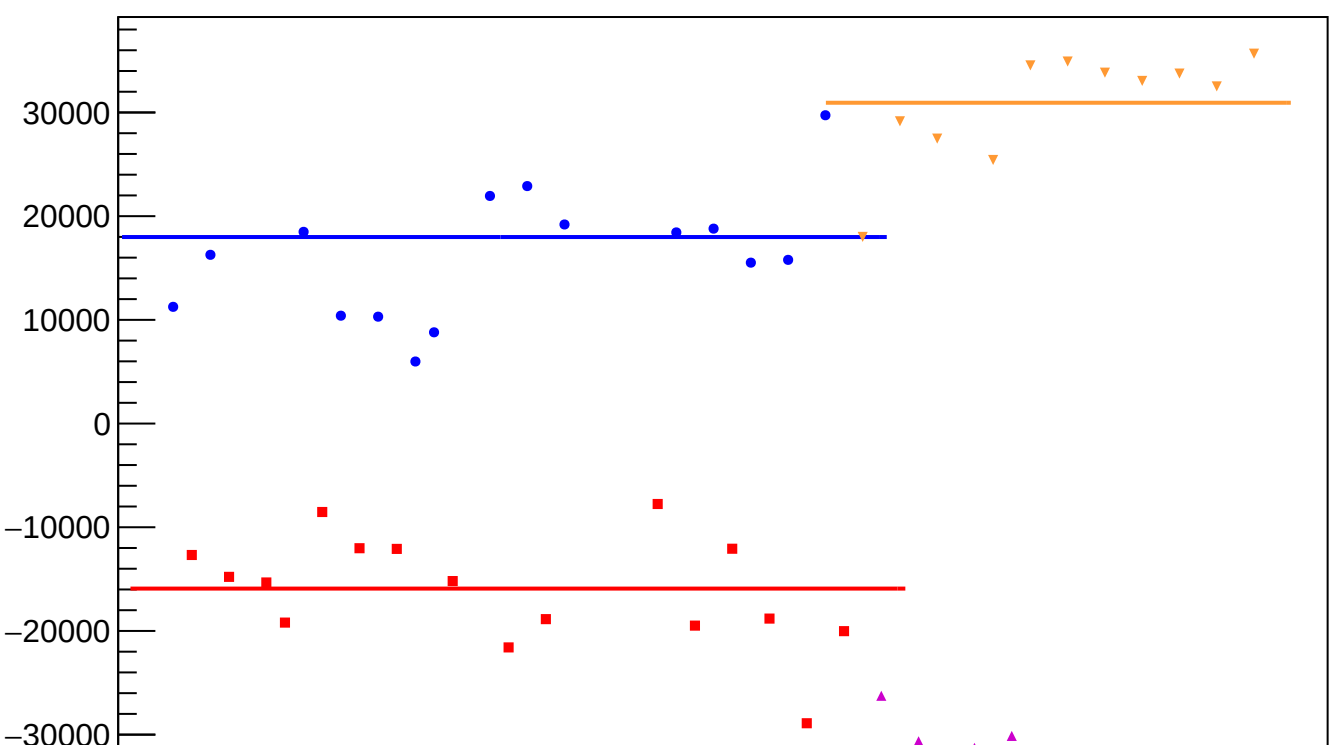
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



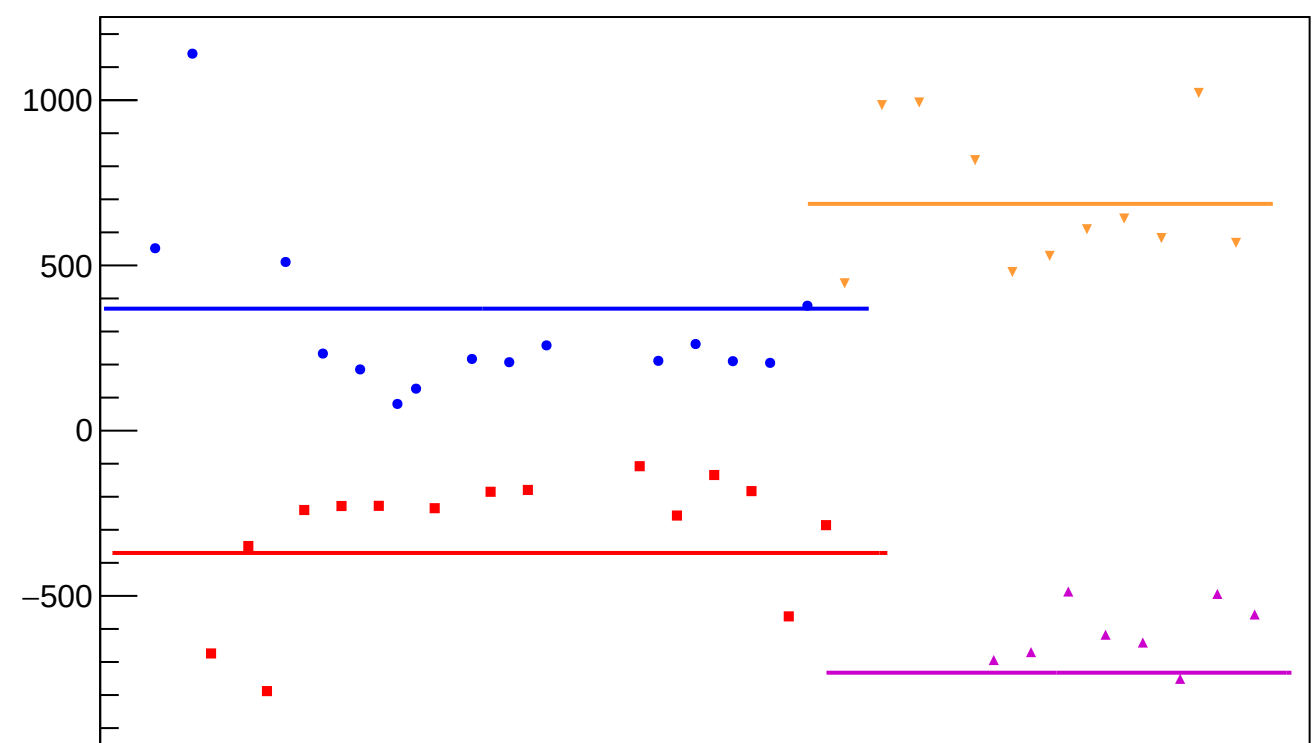
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_usl_coil1_mean vs Slug, Sign Corrected



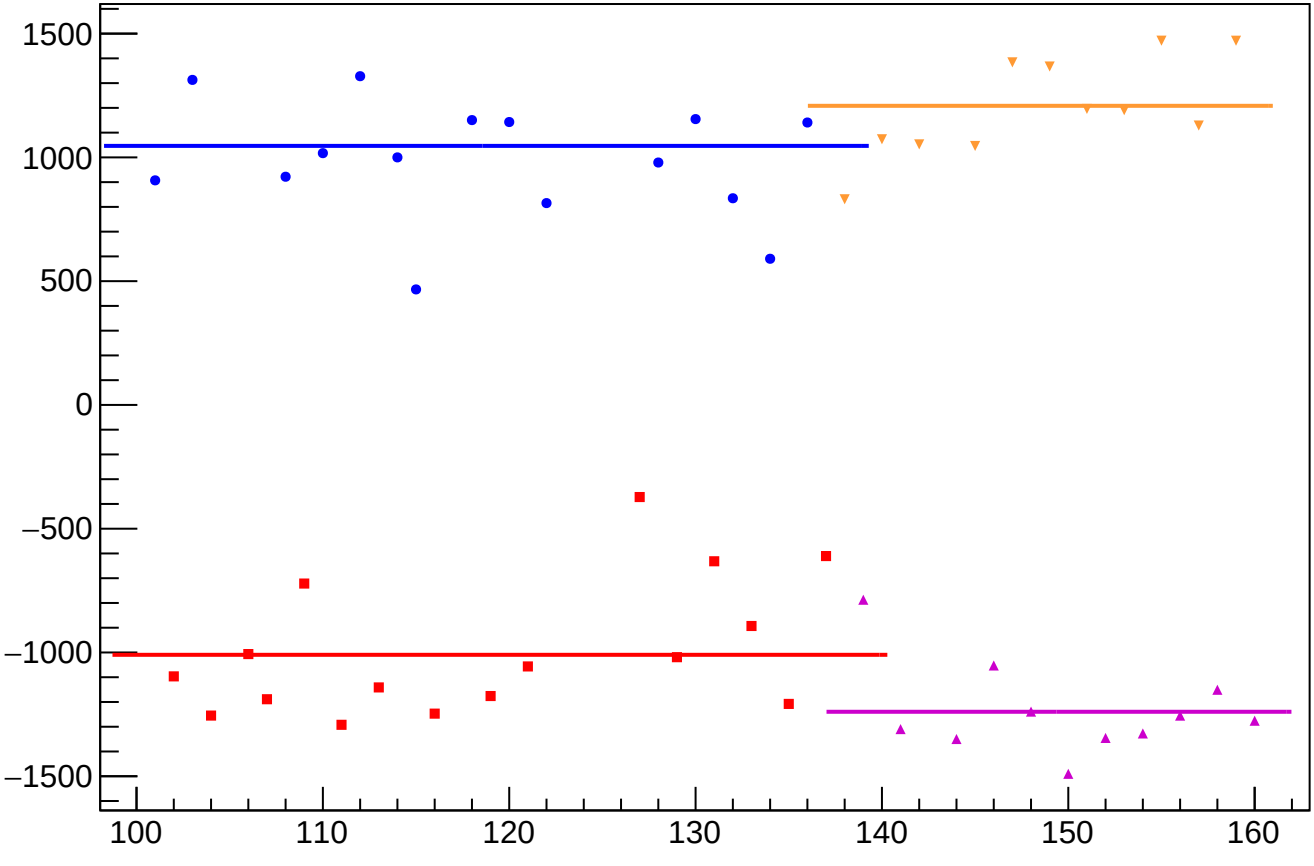
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 10296.691+/-0.000 χ^2/NDF:8613400565177 2
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -880.808+/-0.000 χ^2/NDF: 22337383681

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.927+/-0.000 χ^2/NDF: 9637444088890032
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 220.868+/-0.000 χ^2/NDF:4990060425301362
Left In: -732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10
All: -33.290+/-0.000 χ^2/NDF: 124154771081

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.820+/-0.000 χ^2/NDF: 2709064239069646

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

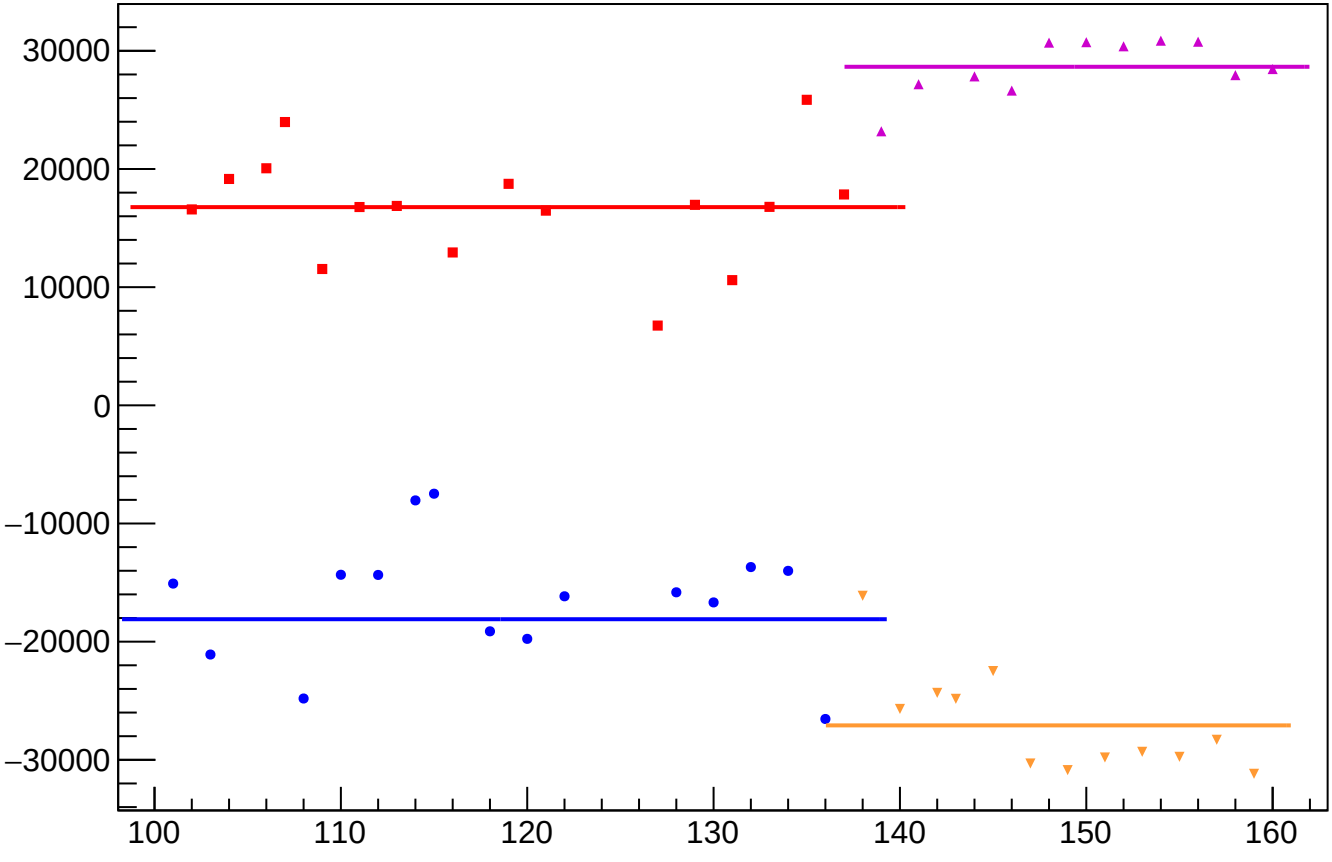
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 231.285+/-0.000 χ^2/NDF:191189164590426 4

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.580+/-0.000 χ^2/NDF: 41729681517 4

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 934.162+/-0.000 χ^2/NDF: 1449134260498682

Right In: -18100.637+/-0.000 χ^2/NDF: 14634967546173586967632040765428699496448.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -27085.326+/-0.000 χ^2/NDF:16913671790830002451724713056210492850176.0/11

In: 9361.516+/-0.000 χ^2/NDF:8527147862381255

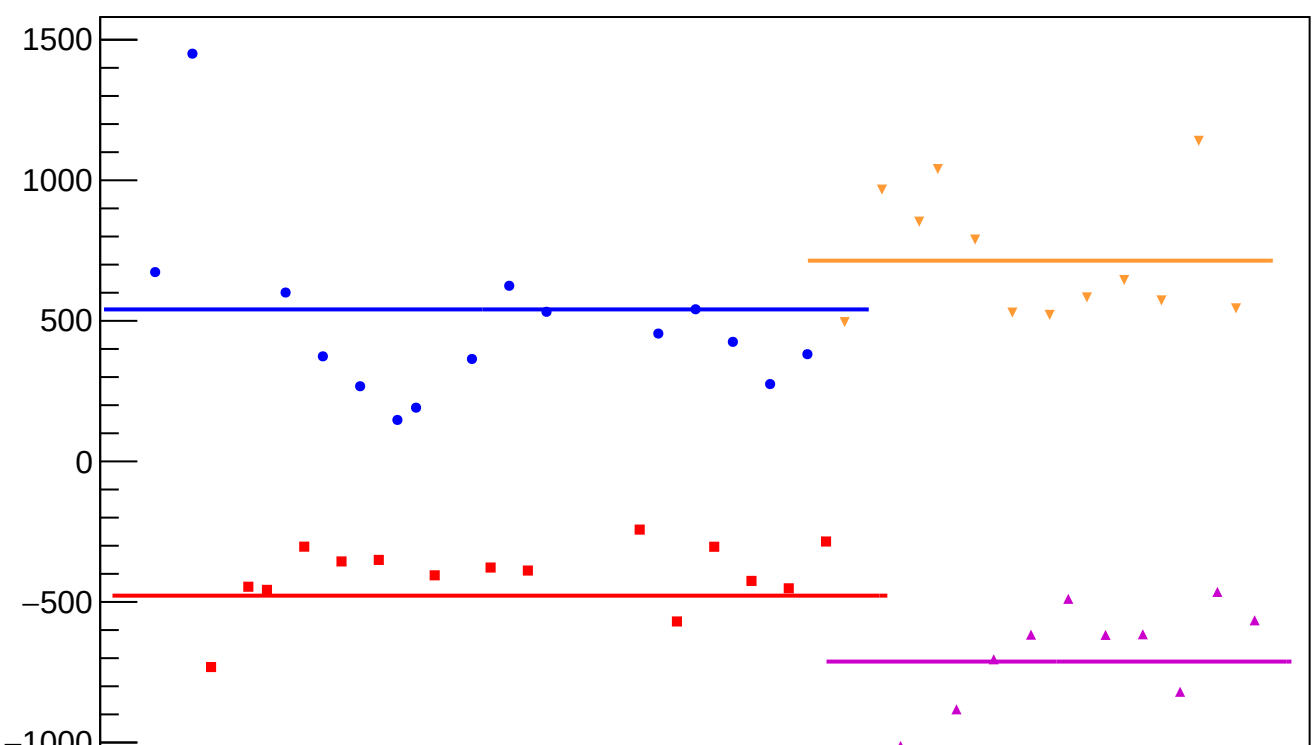
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

Out: -8581.907+/-0.000 χ^2/NDF:77289596182504

Left In: 28650.410+/-0.000 χ^2/NDF:48388275359810808267259474743447655546 88.0/10

All: 367.048+/-0.000 χ^2/NDF: 187947964191

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.853+/-0.000 χ^2/NDF: 10119212919667896

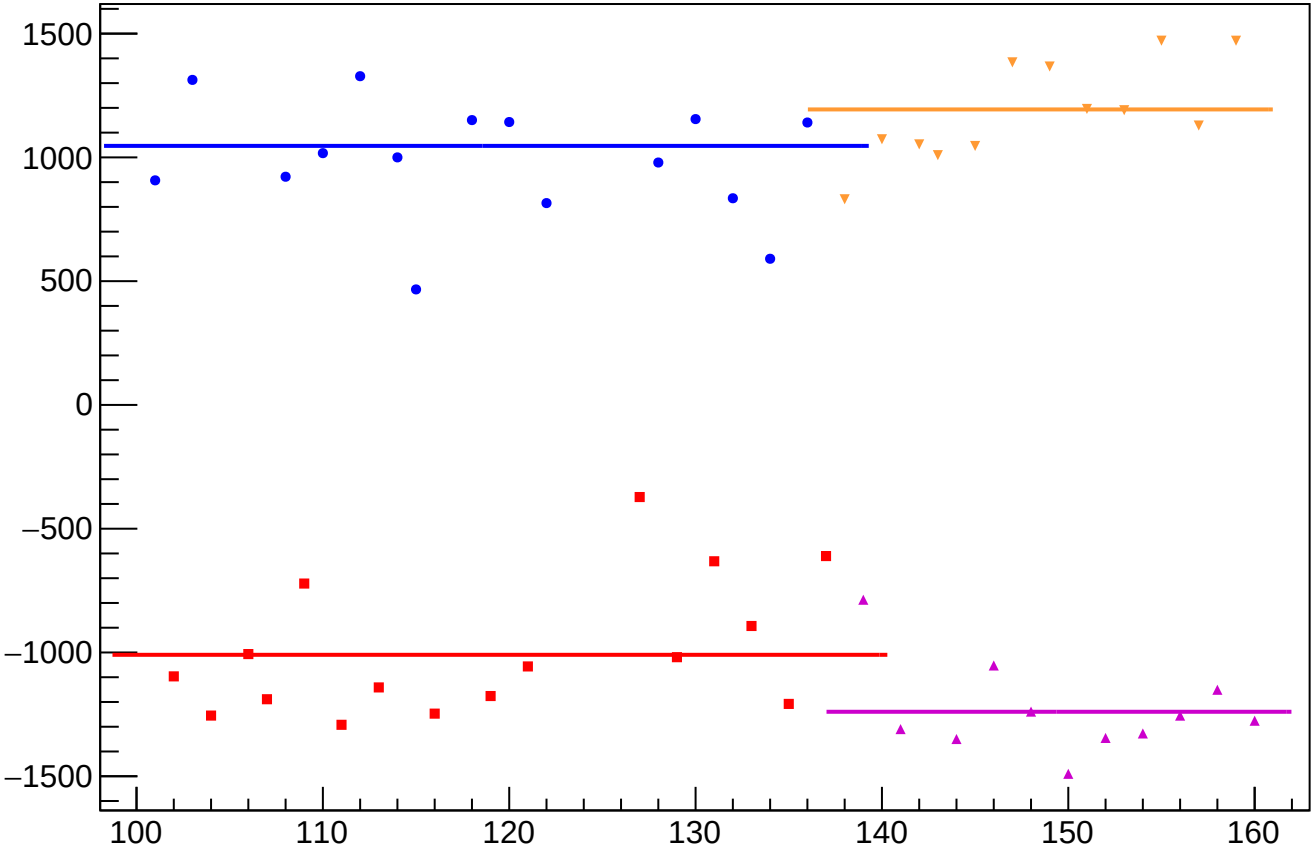
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

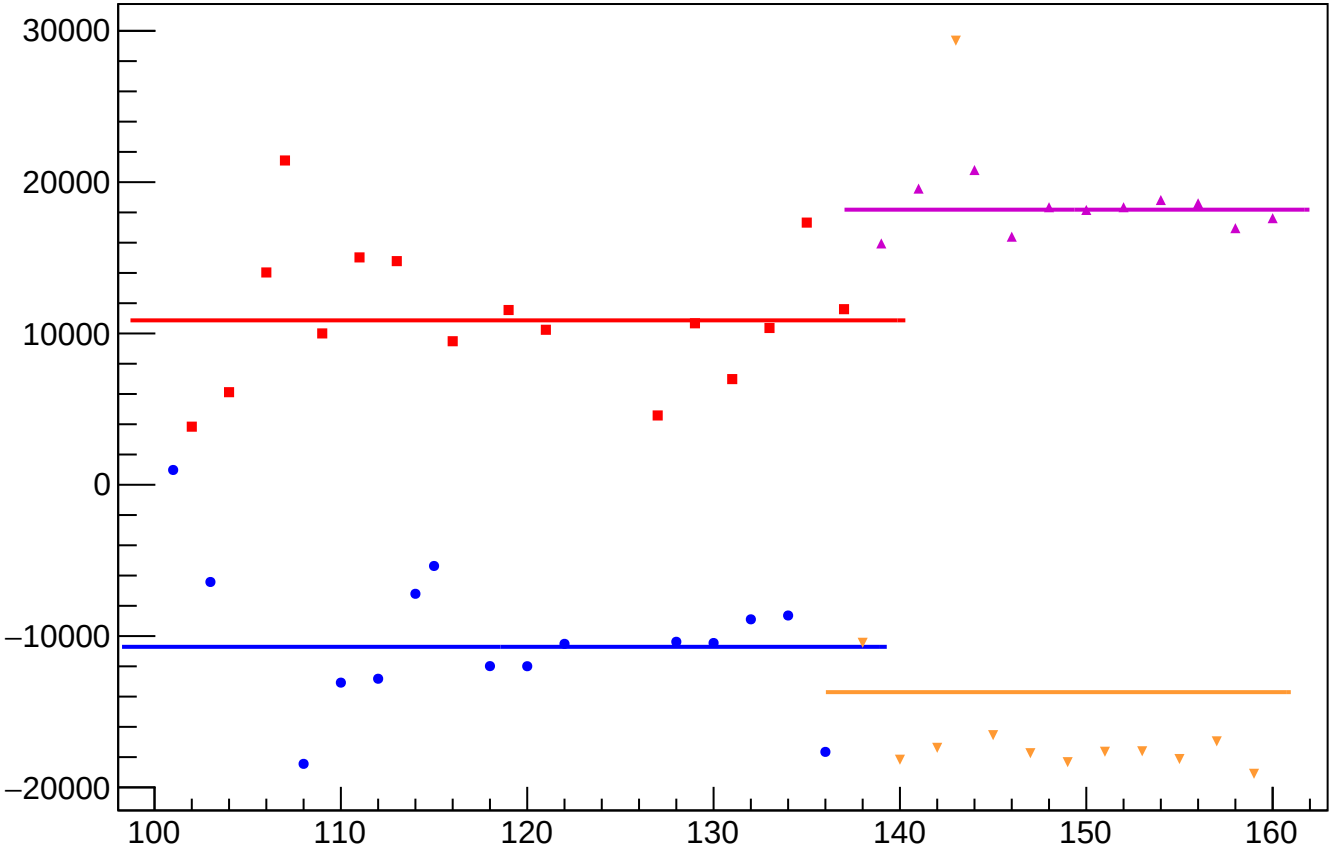
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2324.752+/-0.000 χ^2/NDF: 607066825649852

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

In: 6261.113+/-0.000 χ^2/NDF:336815857232803 3

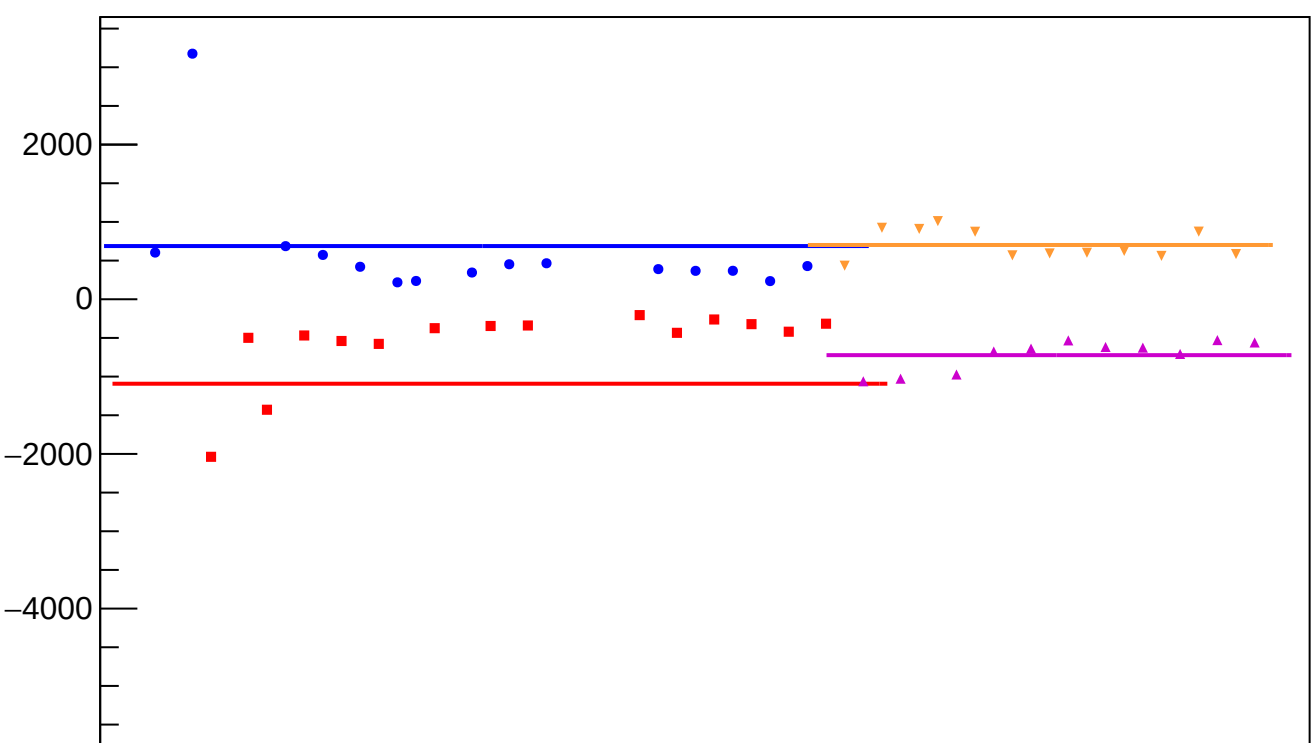
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3339.037+/-0.000 χ^2/NDF:38527704471172

Left In: 18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

All: 1448.863+/-0.000 χ^2/NDF: 7947628614 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -14.334+/-0.000 χ^2/NDF: 9951844683767870

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

In: -140.714+/-0.000 χ^2/NDF:1201648470022181

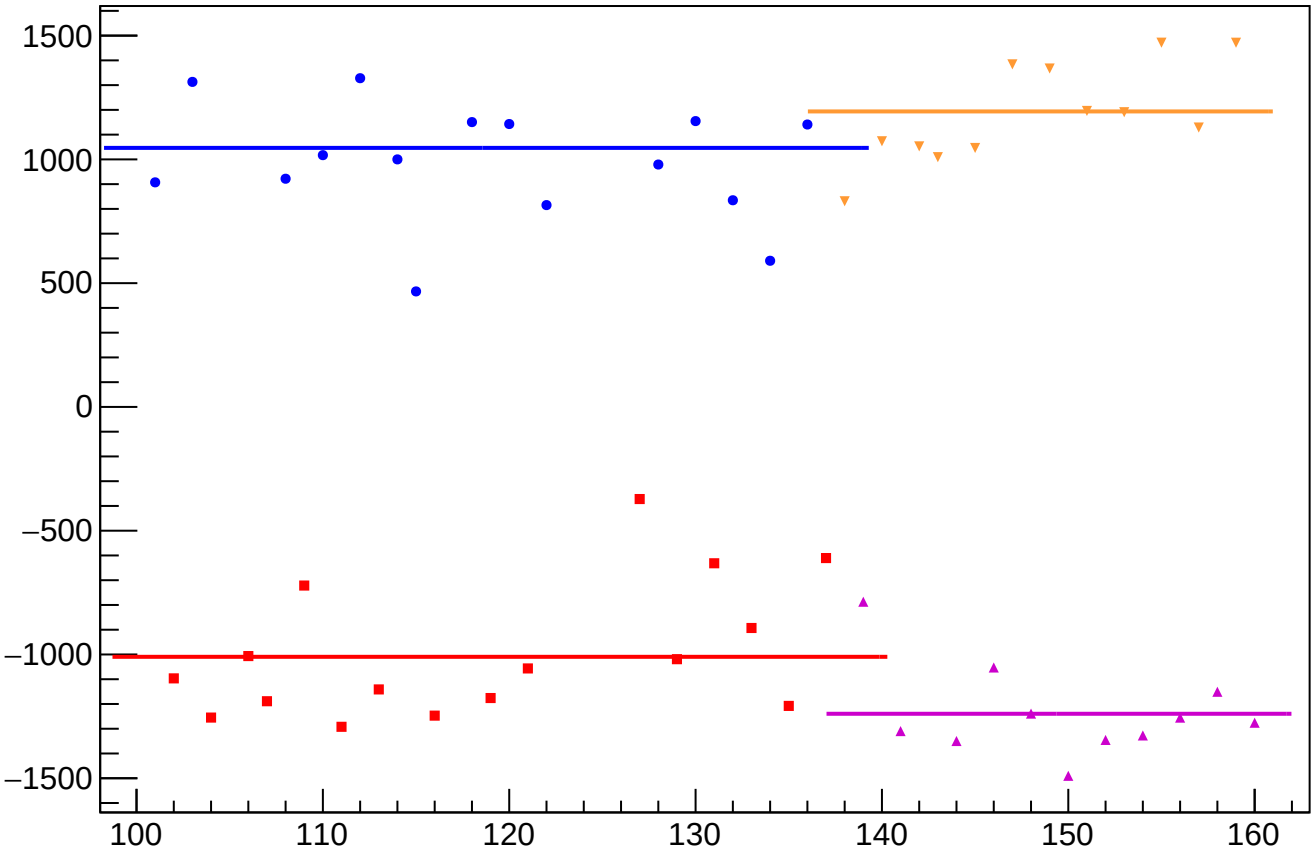
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -55.074+/-0.000 χ^2/NDF:3153372442385616

Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10

All: -97.785+/-0.000 χ^2/NDF: 436080381727

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

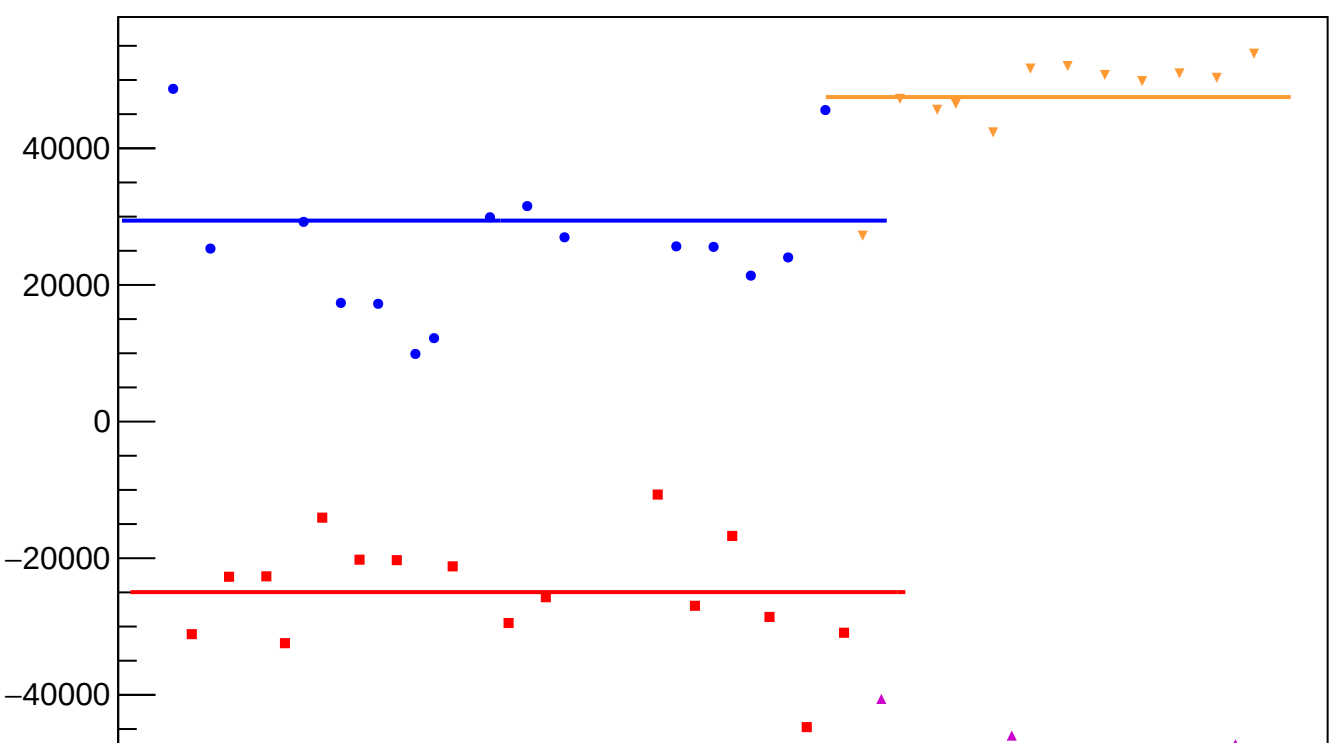
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -1505.264+/-0.000 χ^2/NDF: 44236547320359

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47501.916+/-0.000 χ^2/NDF:435917153349338016455651998367617667563 52.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

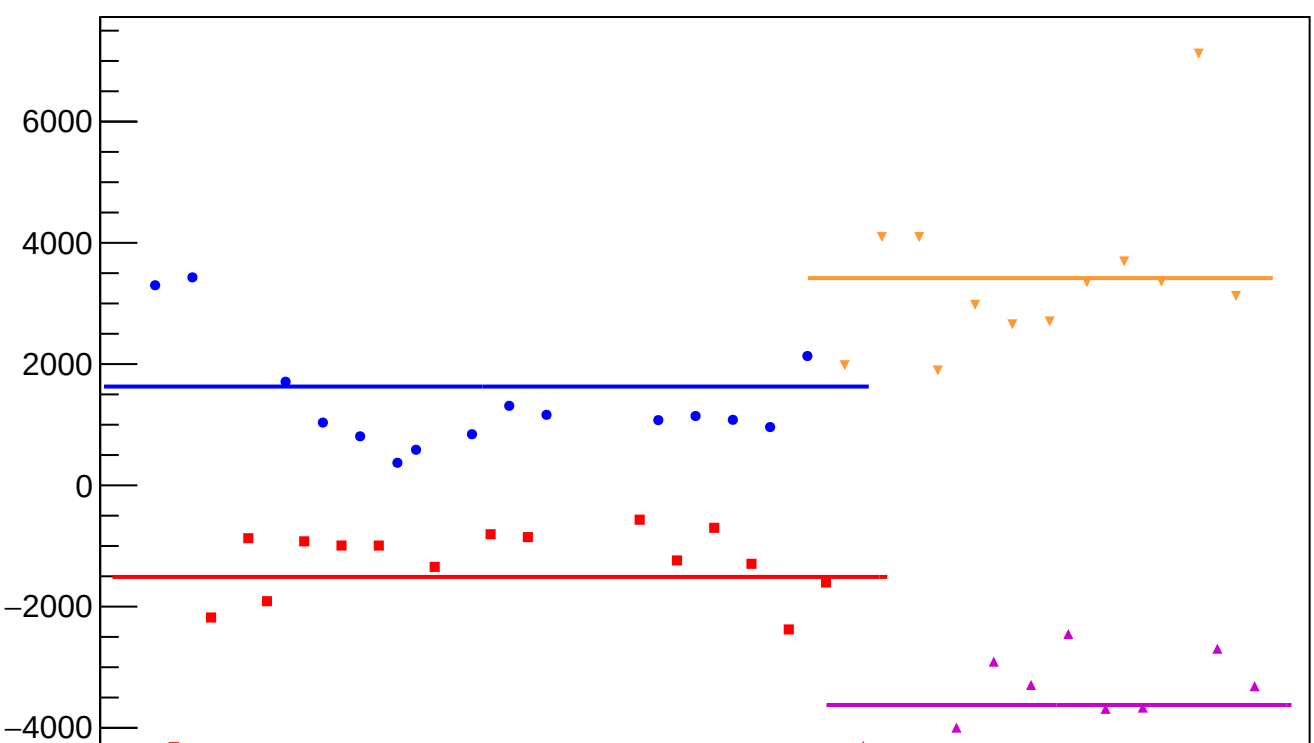
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

Out: 16930.059+/-0.000 χ^2/NDF:211408733919 29

Left In: -49982.063+/-0.000 χ^2/NDF:135058210193056038461211213447179702108 16.0/10

All: -103.402+/-0.000 χ^2/NDF: 5522398326 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191360/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.241+/-0.000 χ^2/NDF: 248991886844976

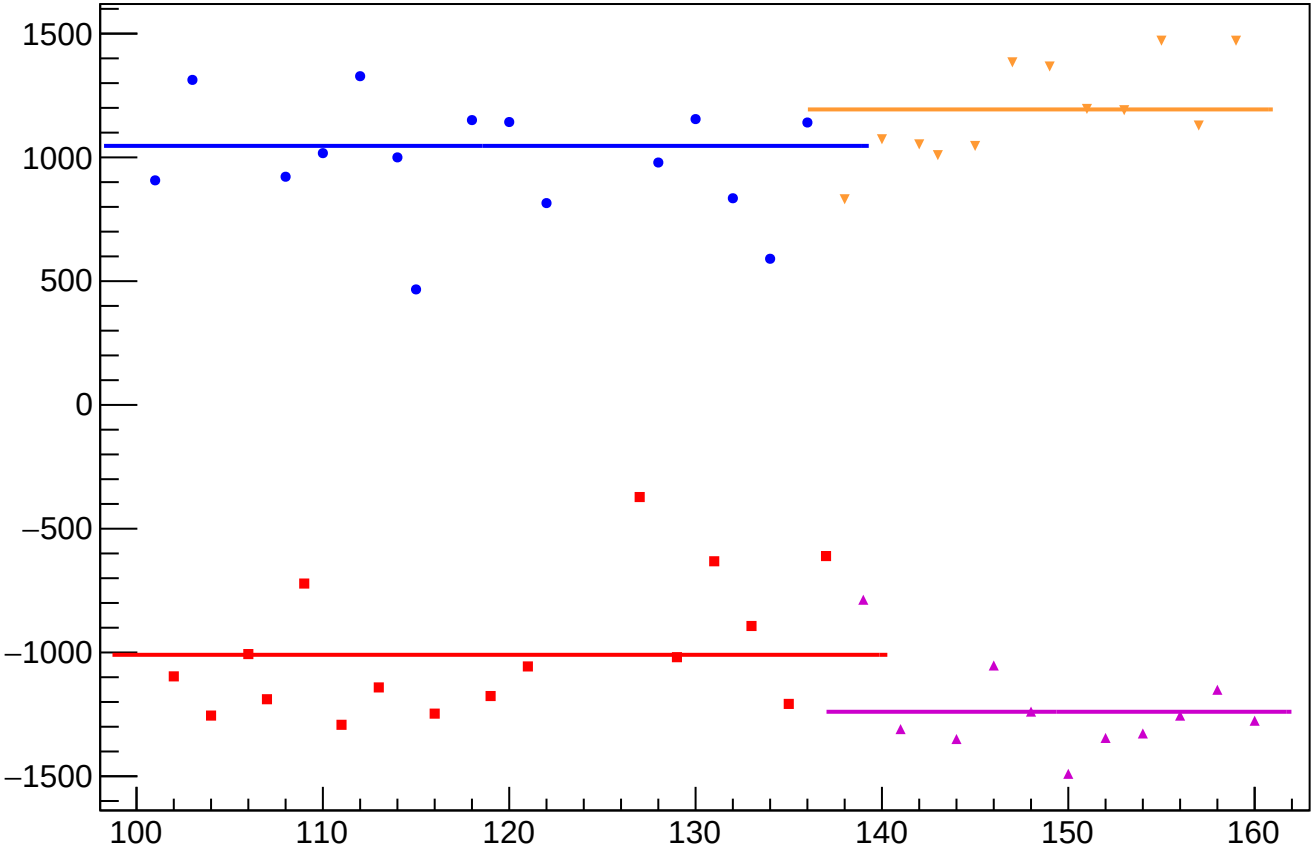
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

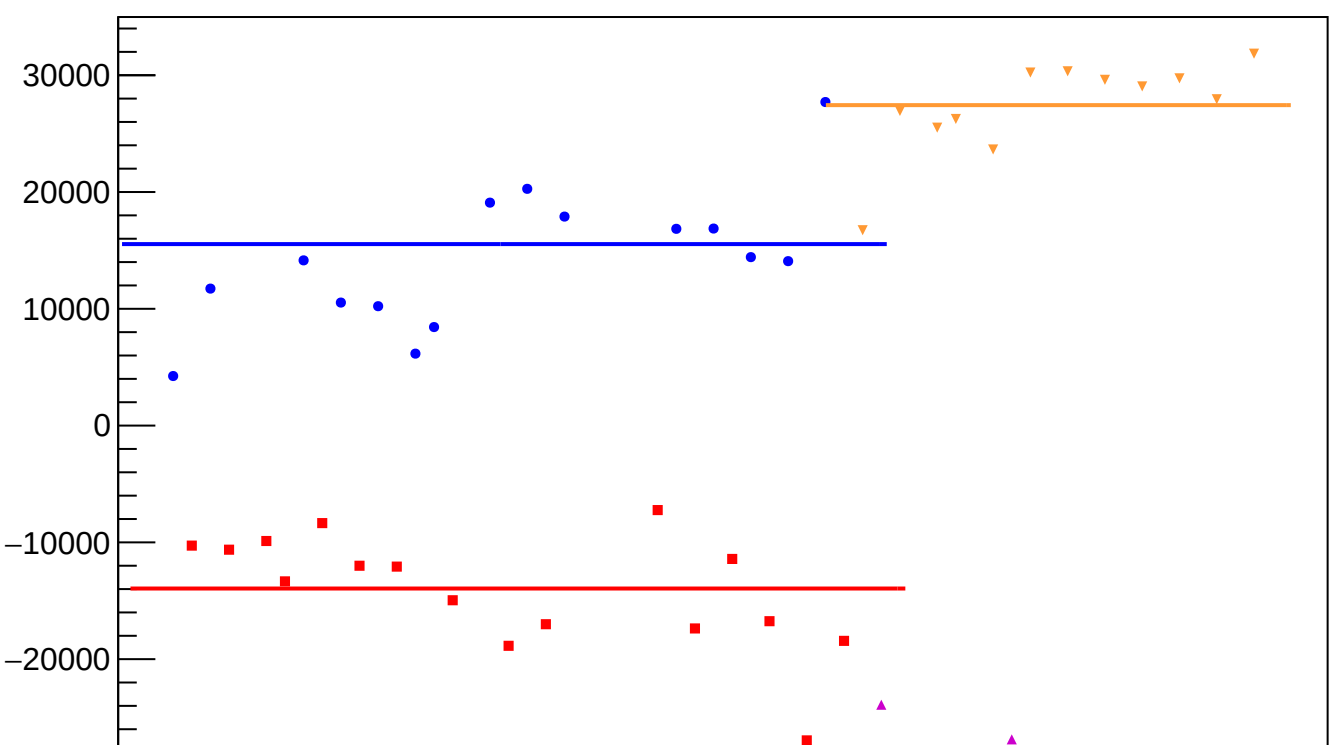
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



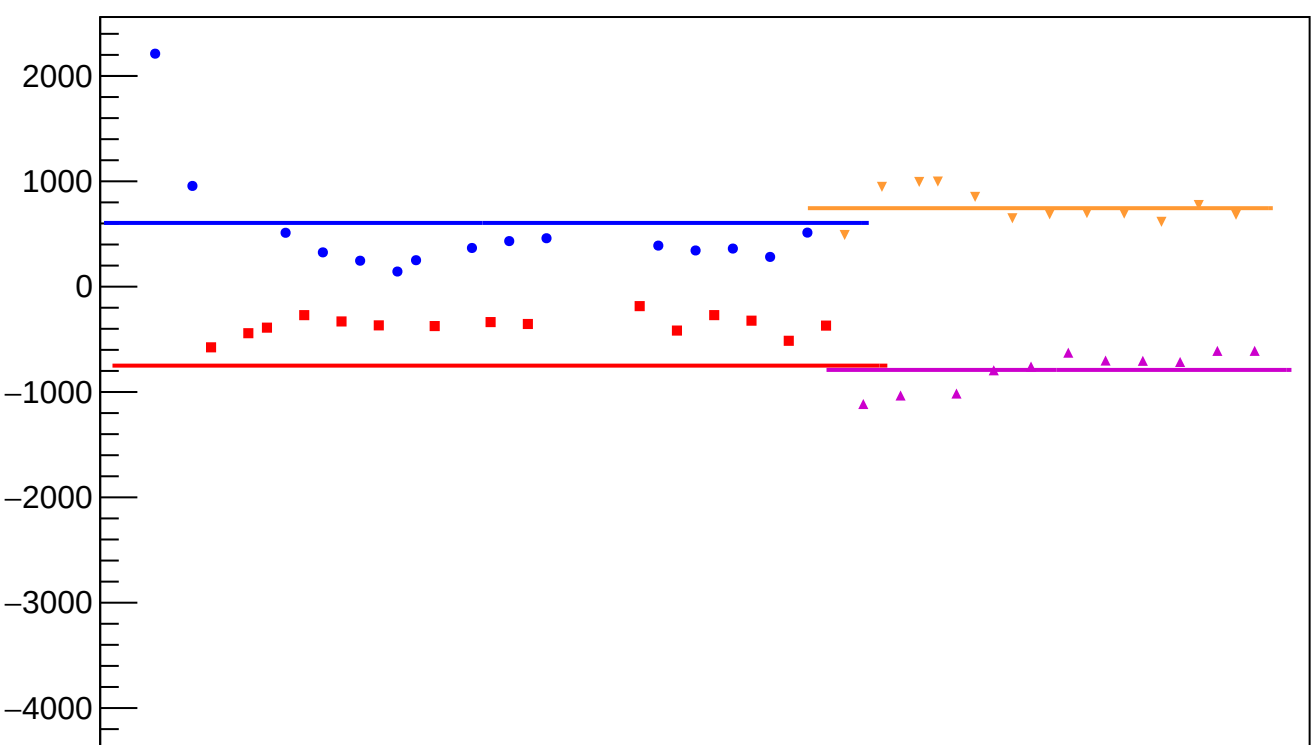
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr1_coil1_mean vs Slug, Sign Corrected



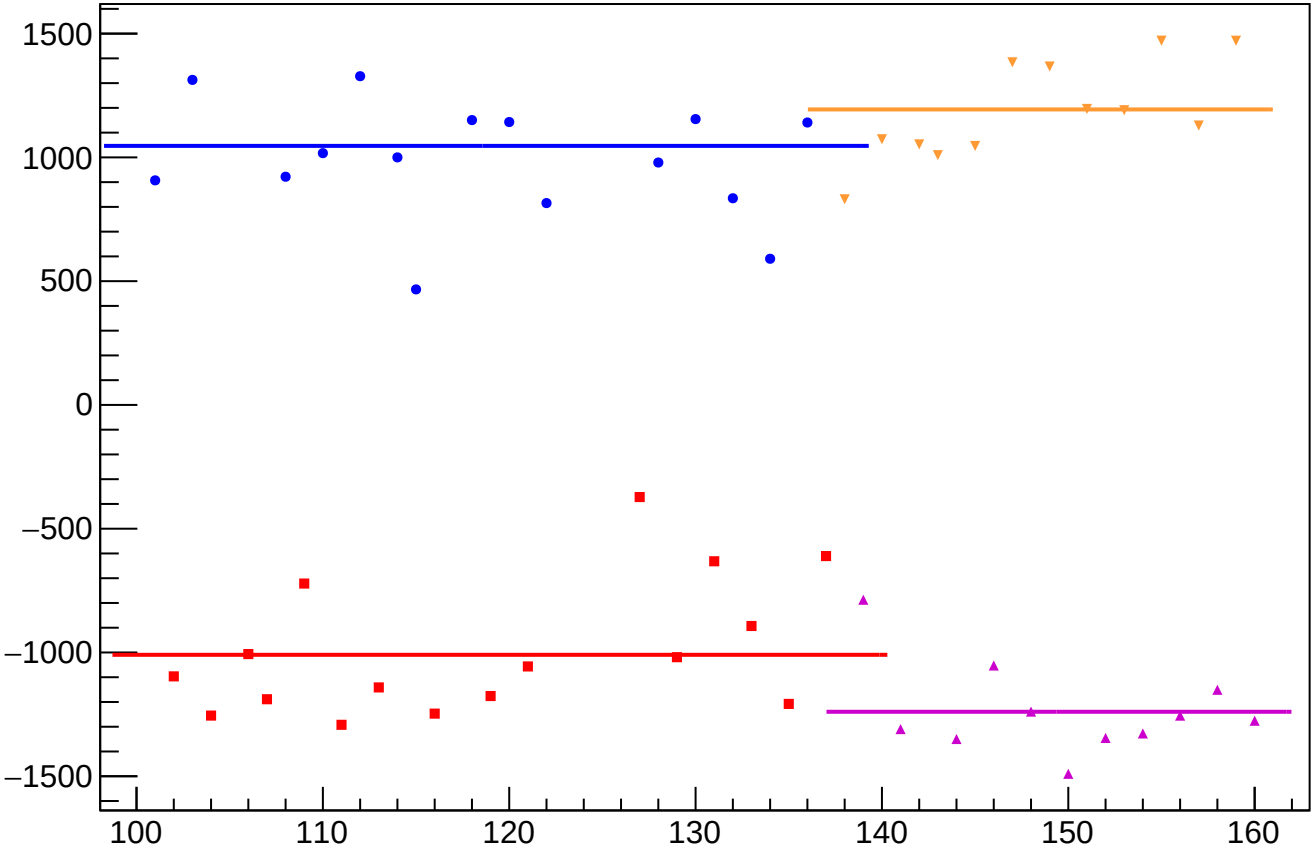
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9977.204+/-0.000 χ^2/NDF:691834785196318
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -262.152+/-0.000 χ^2/NDF: 18076481618

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



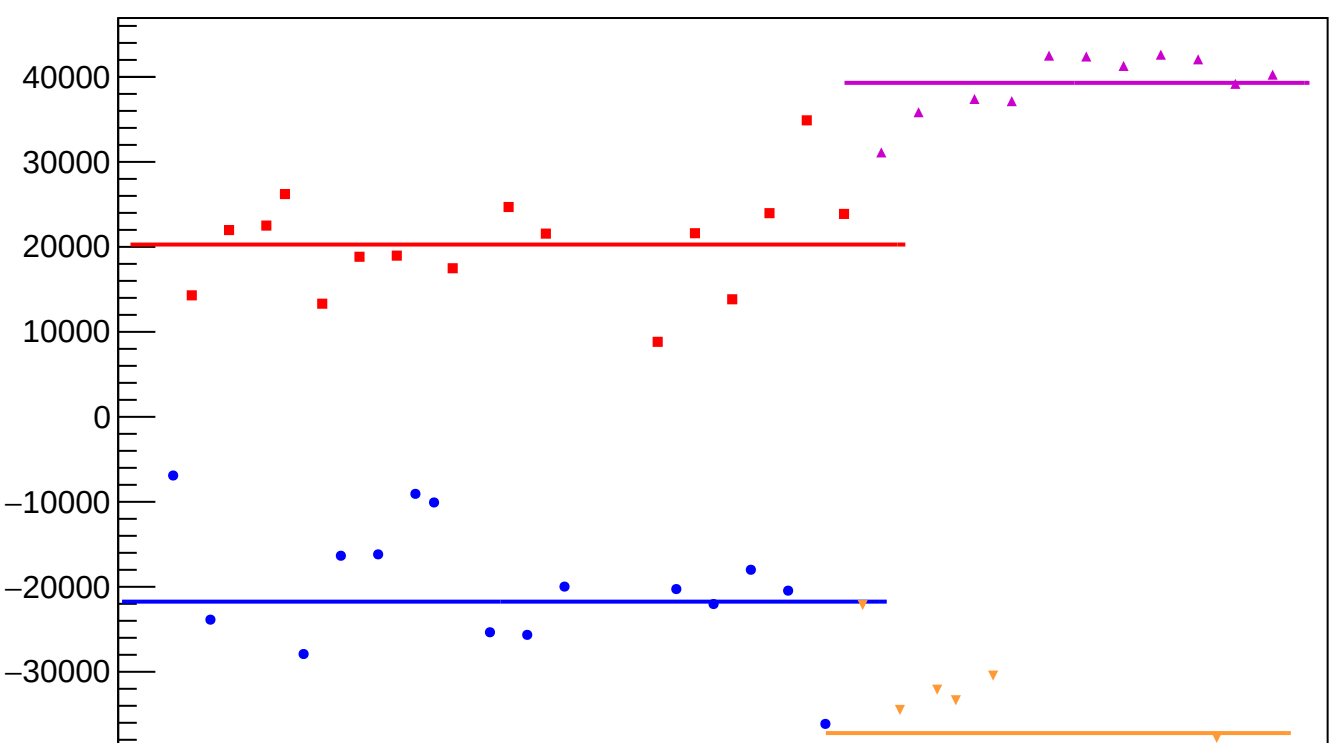
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
Out: 114.449+/-0.000 χ^2/NDF:190226279150661 6
Left In: -790.283+/-0.000 χ^2/NDF:2737599516301156010134916694943780044 8.0/10
All: -49.654+/-0.000 χ^2/NDF: 29466320745 7

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



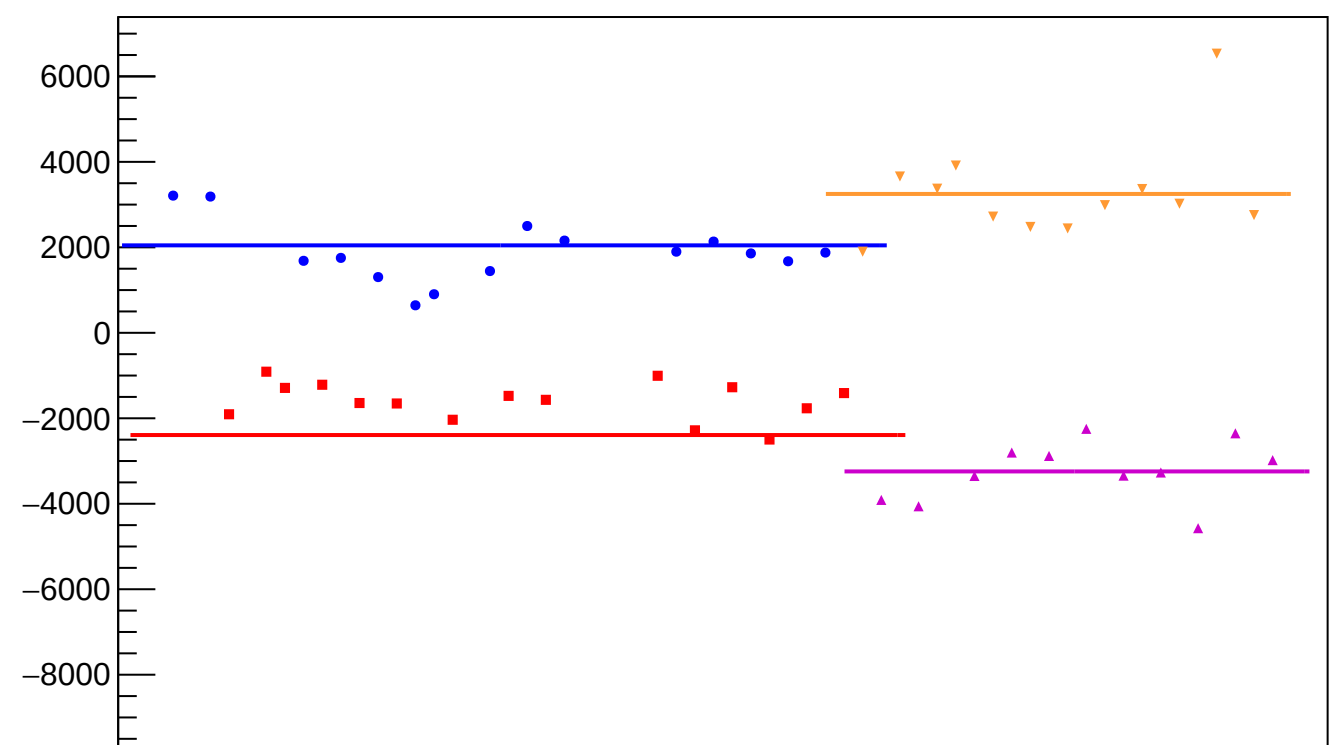
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr2_coil1_mean vs Slug, Sign Corrected



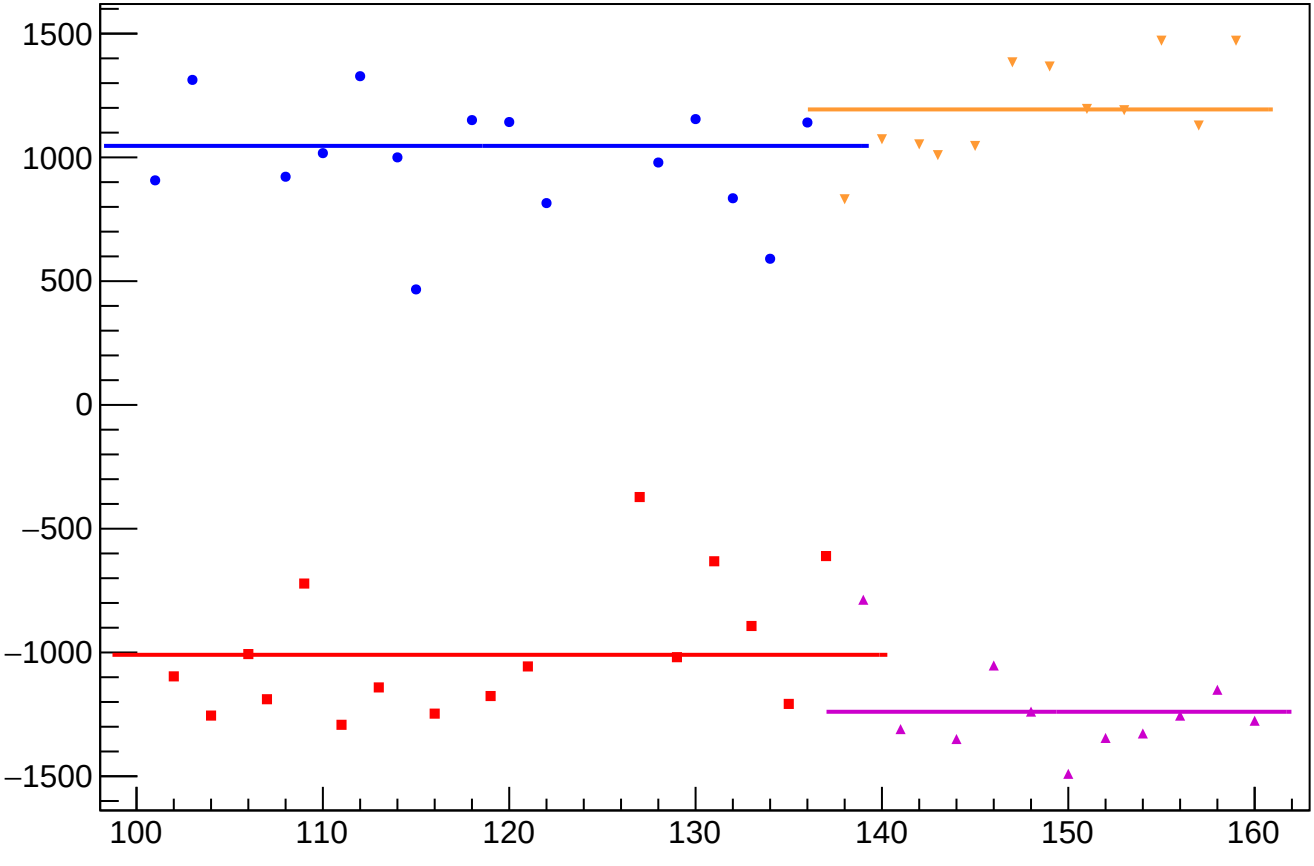
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -12958.212+/-0.000 χ^2/NDF:1336456927560
Left In: 39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10
All: 544.051+/-0.000 χ^2/NDF: 33870210816 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.745+/-0.000 χ^2/NDF: 2098375424202943
Right In: 2046.354+/-0.000 χ^2/NDF: 2665555159273488920368330583552263454 72.0/14
Right: -203.146+/-0.000 χ^2/NDF: 11161426338405
Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11
In: -1060.961+/-0.000 χ^2/NDF:113570353346731
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15
Out: 869.355+/-0.000 χ^2/NDF:1787734182120147
Left In: -3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10
All: -93.355+/-0.000 χ^2/NDF: 321724014891

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

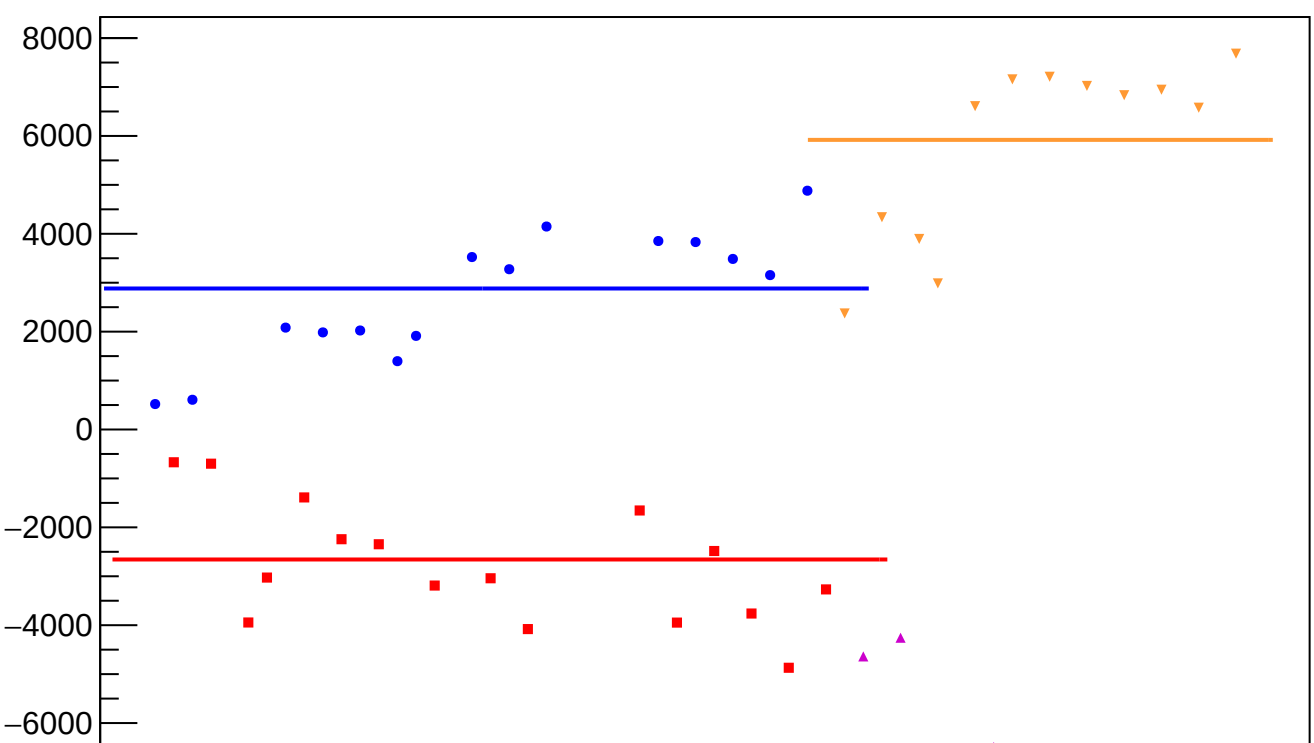
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

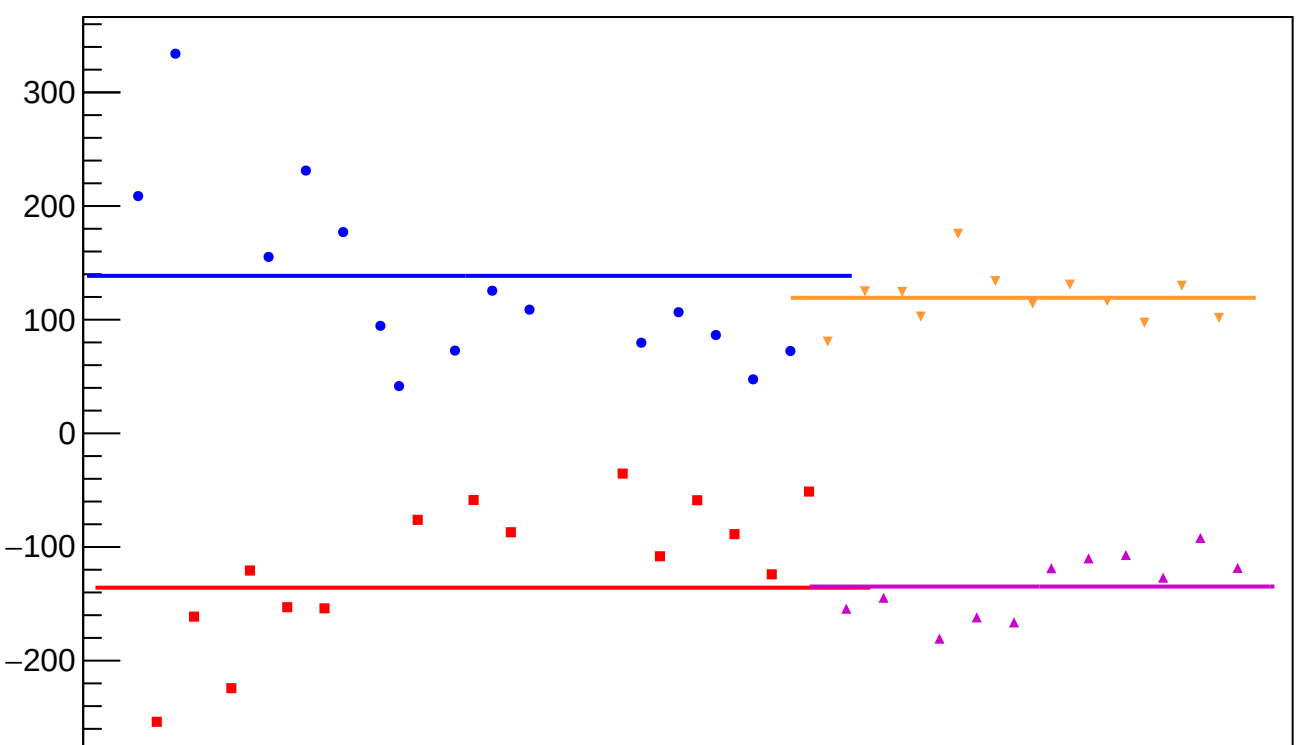
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -338.449+/-0.000 χ^2/NDF: 749205499962240
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5919.511+/-0.000 χ^2/NDF:27790727000248458270279812401769857679 36.0/11
In: -2645.979+/-0.000 χ^2/NDF:360226231142325
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2301.245+/-0.000 χ^2/NDF:32219834427088 1
Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10
All: -166.093+/-0.000 χ^2/NDF: 8754089406 5

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.443+/-0.000 χ^2/NDF: 30837594704815501

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624 5

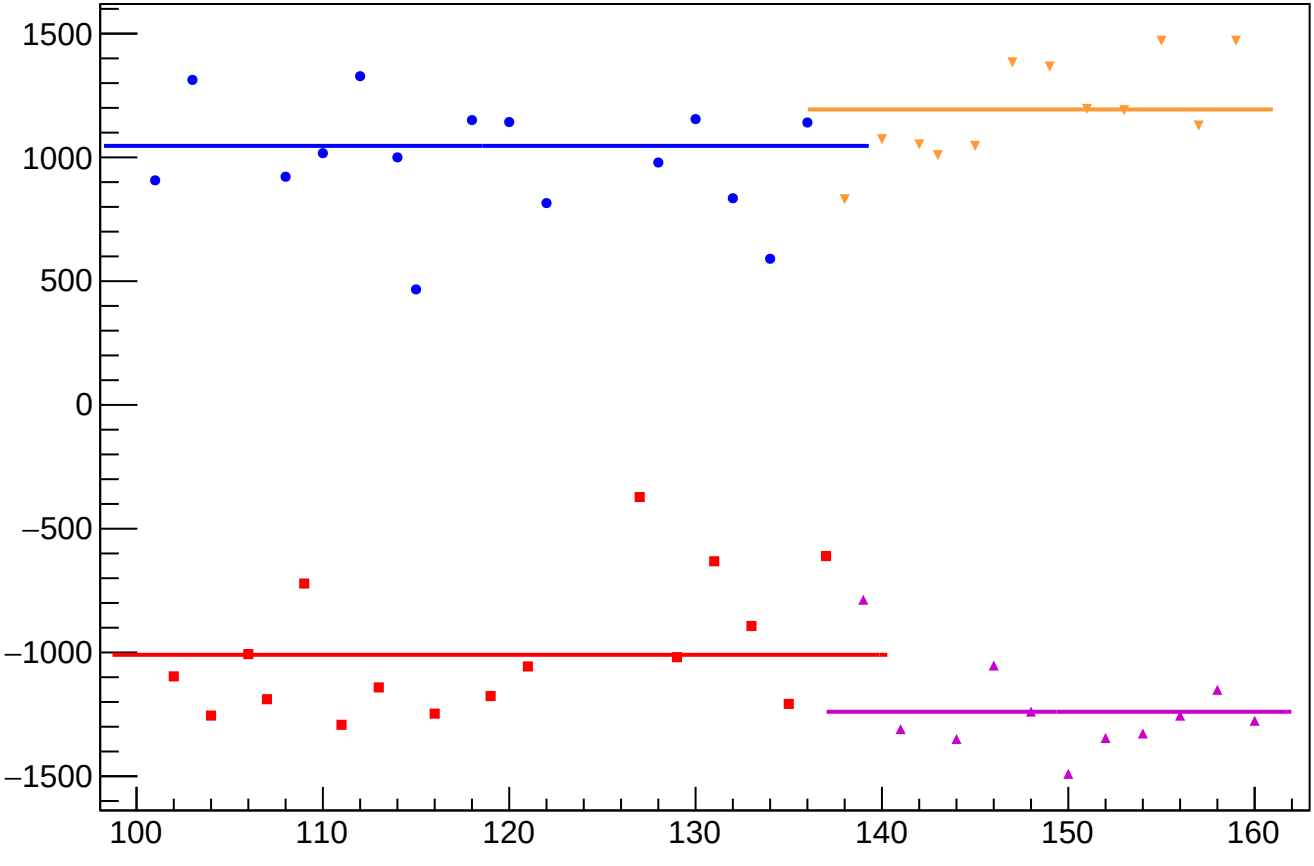
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

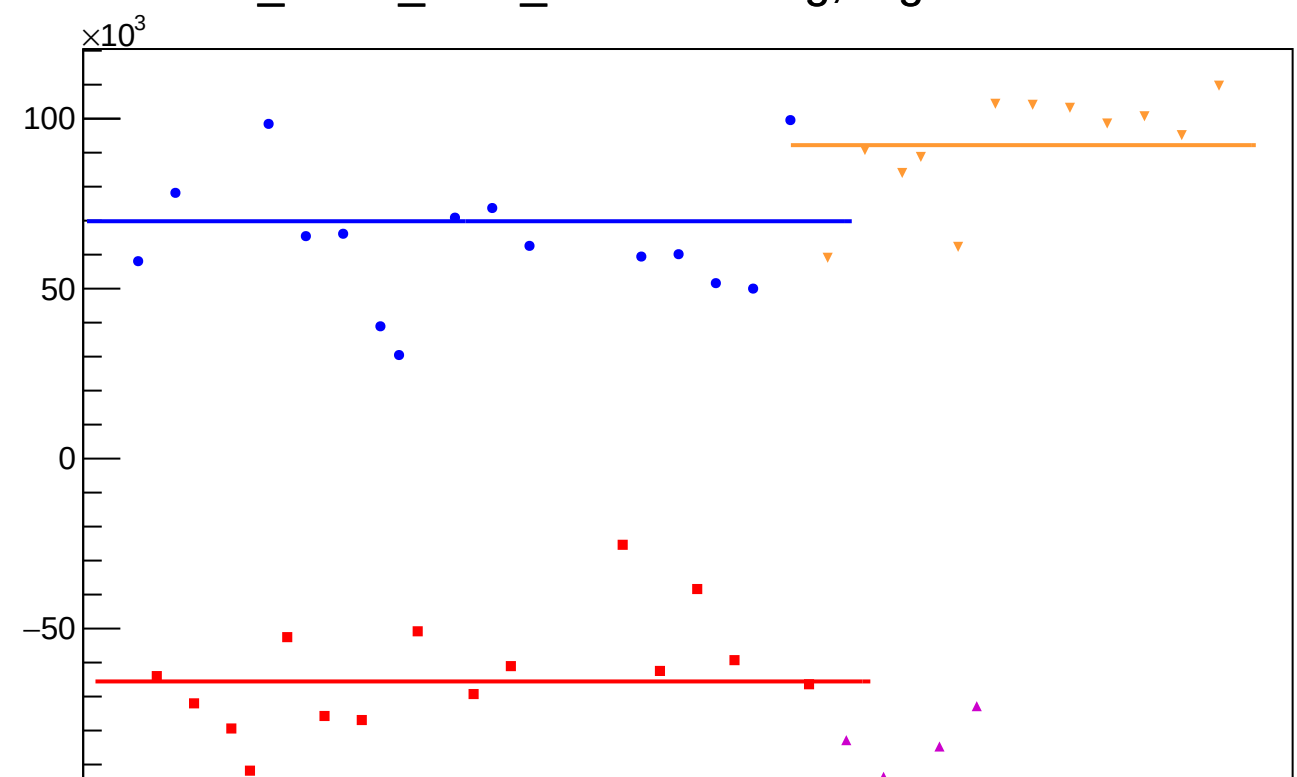
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2280.673+/-0.000 χ^2/NDF: 16562150487200

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 92210.698+/-0.000 χ^2/NDF:22657747665780758520208376768536028957900 8.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

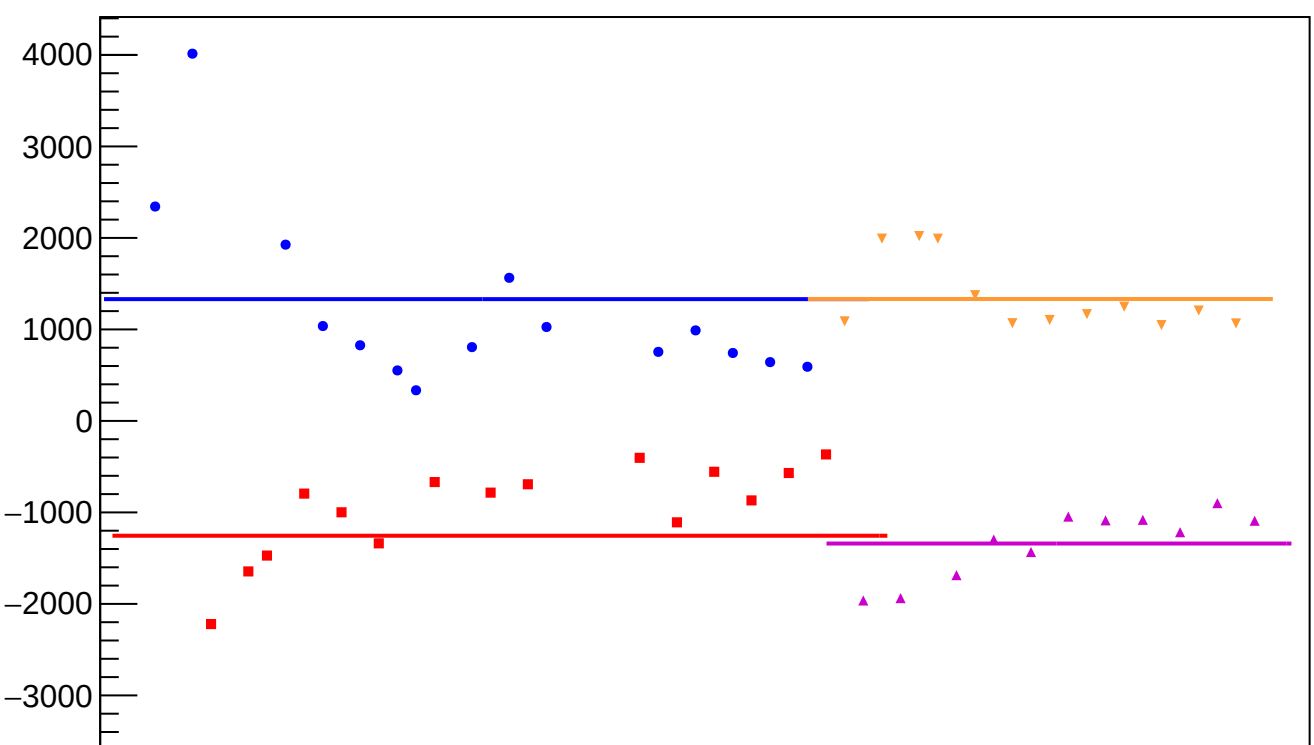
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

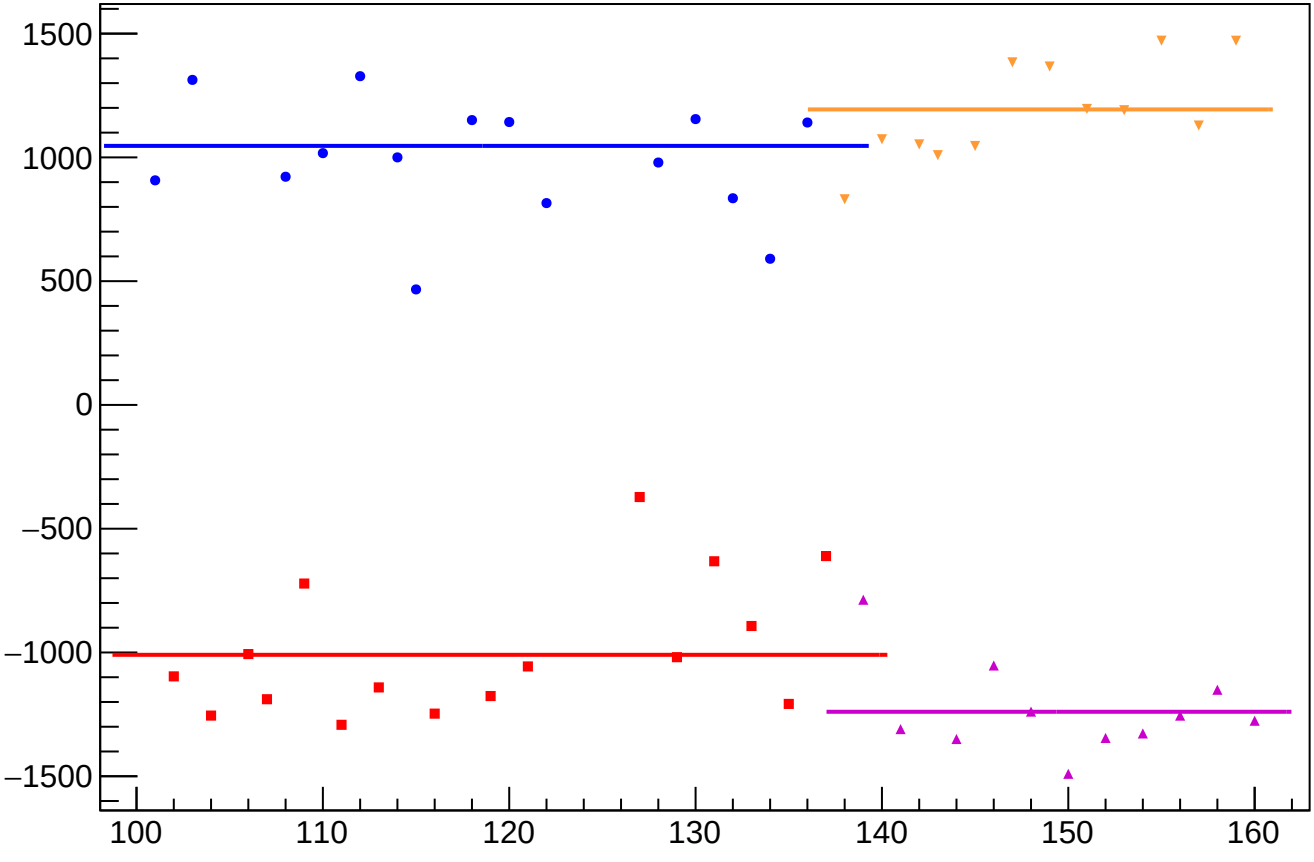
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



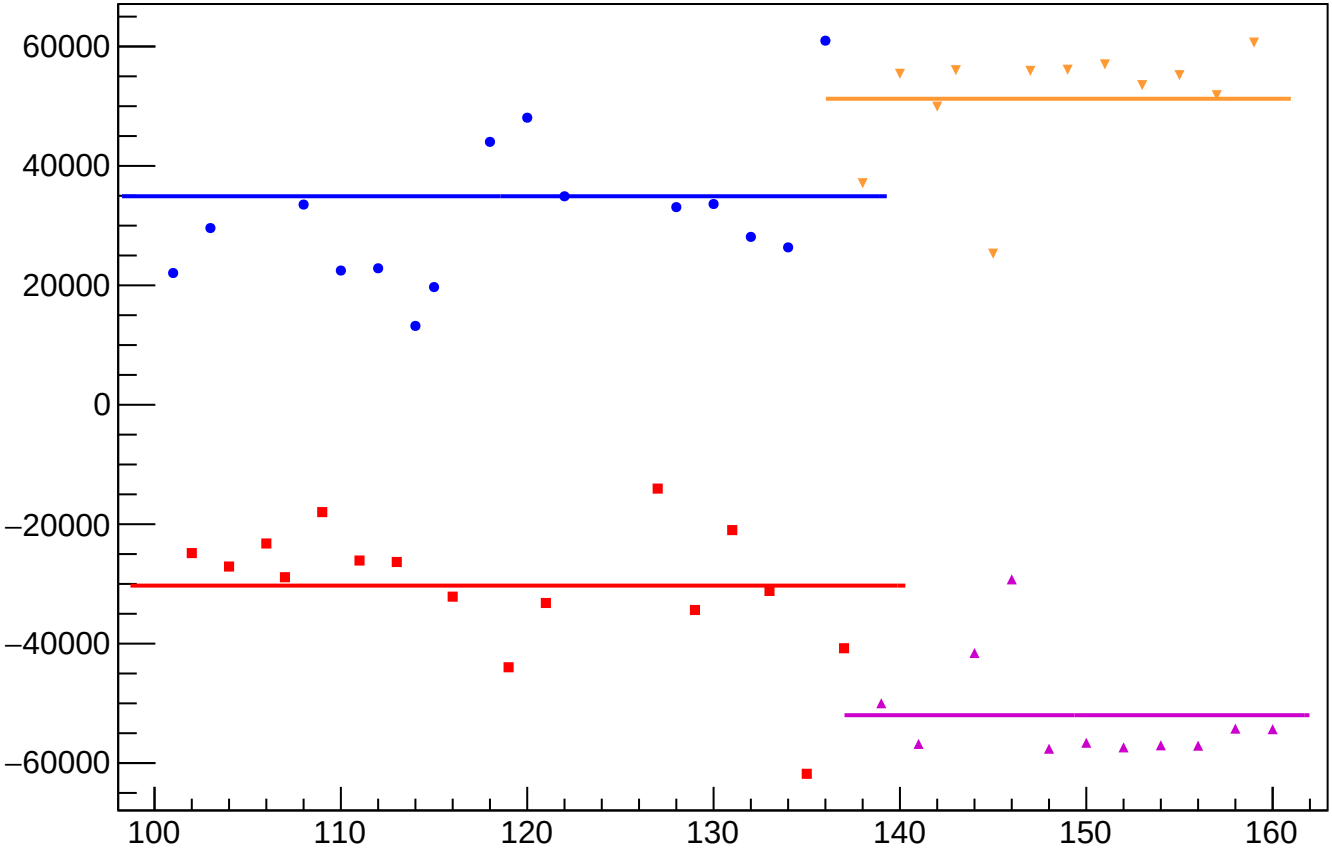
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 241.025+/-0.000 χ^2/NDF:3331380531893128
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.067+/-0.000 χ^2/NDF: 6996159053055

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -650.230+/-0.000 χ^2/NDF: 505001138848268

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

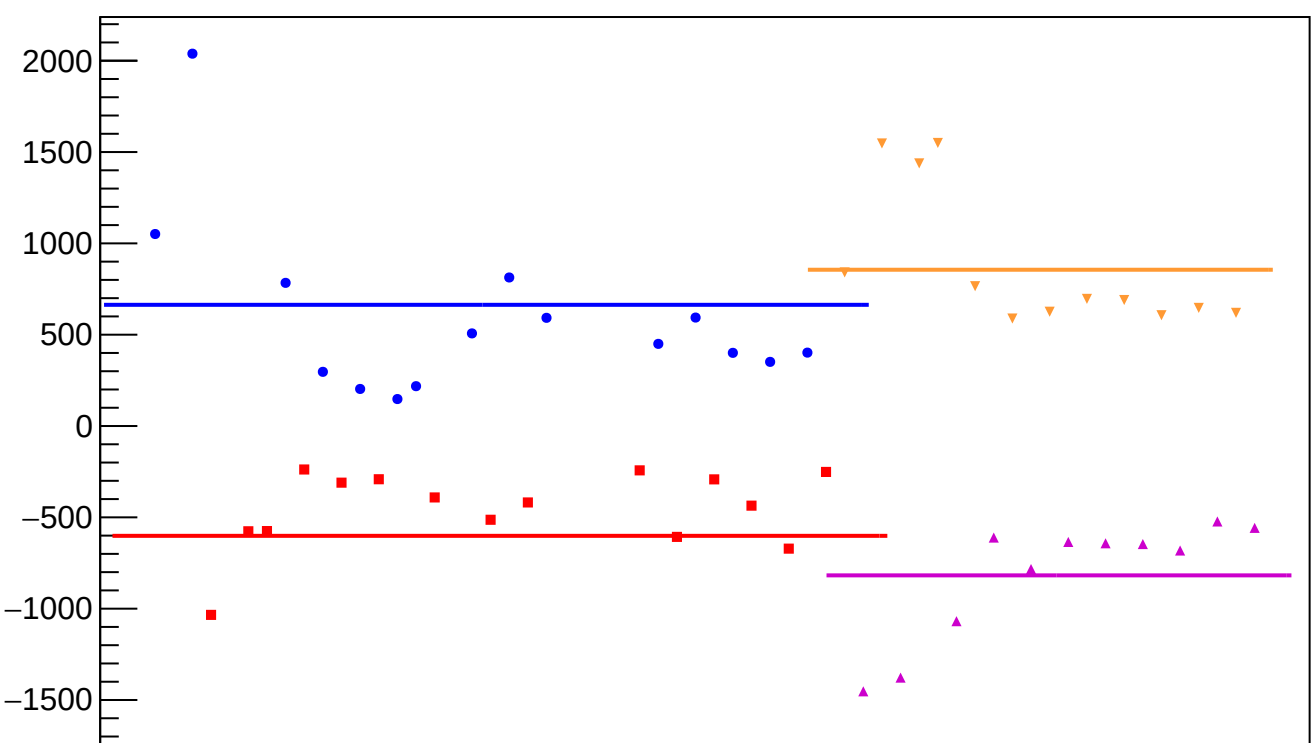
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

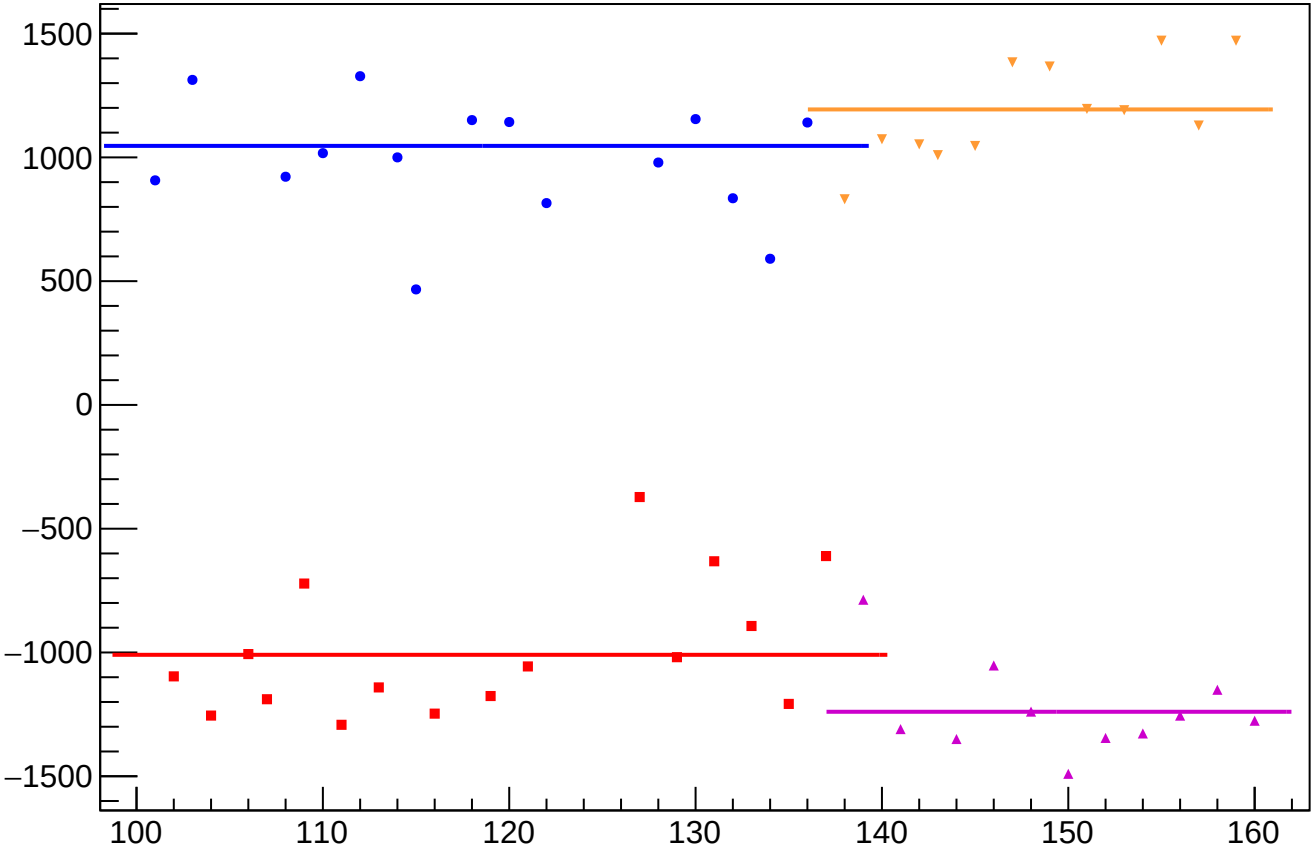
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



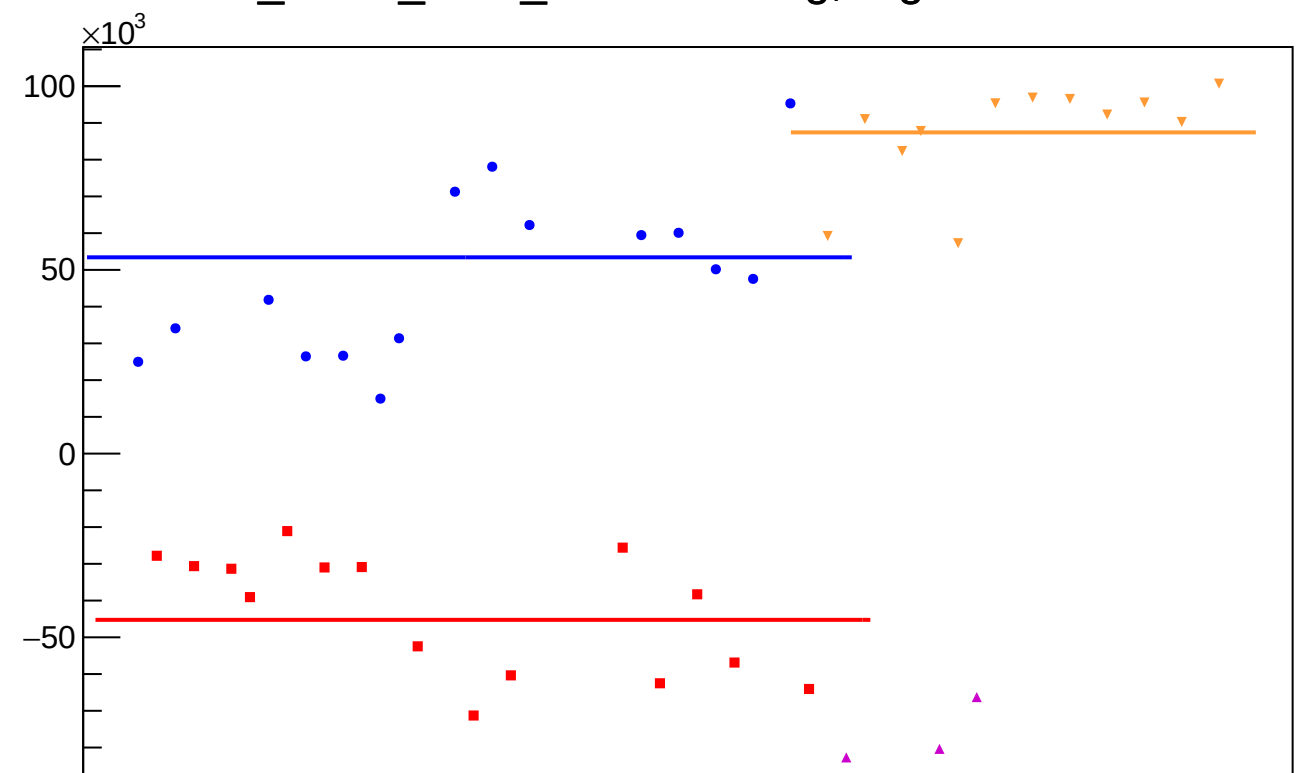
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 241.007+/-0.000 χ^2/NDF:1083013180112686
Left In: -817.657+/-0.000 χ^2/NDF:9042954872371566332680529907681119436 8.0/10
All: 17.811+/-0.000 χ^2/NDF: 2325491183866

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2060.108+/-0.000 χ^2/NDF: 14824251298743

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87421.965+/-0.000 χ^2/NDF:17600944793397317229876580826958074332160.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

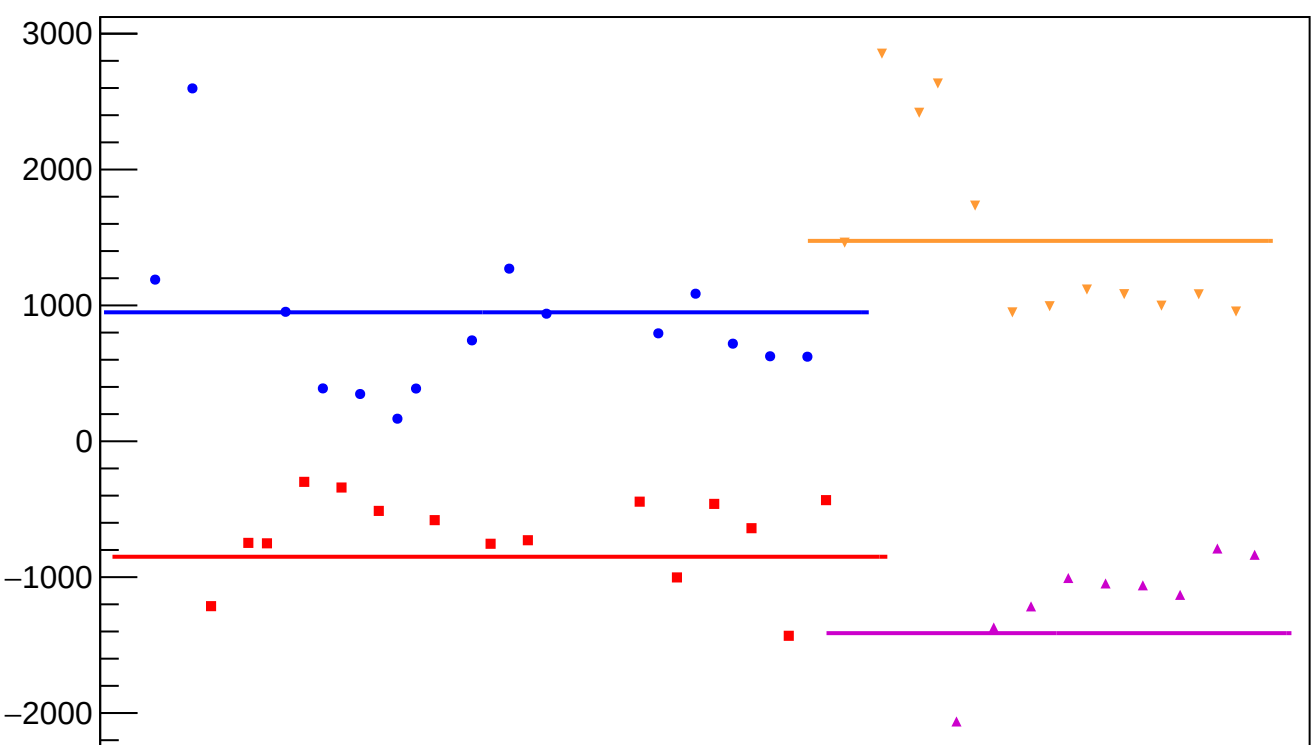
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

Out: 31450.674+/-0.000 χ^2/NDF:72491482538819

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.377+/-0.000 χ^2/NDF: 186963897471

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 23.551+/-0.000 χ^2/NDF: 4570501357423236

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

In: -437.909+/-0.000 χ^2/NDF:2684013086565036

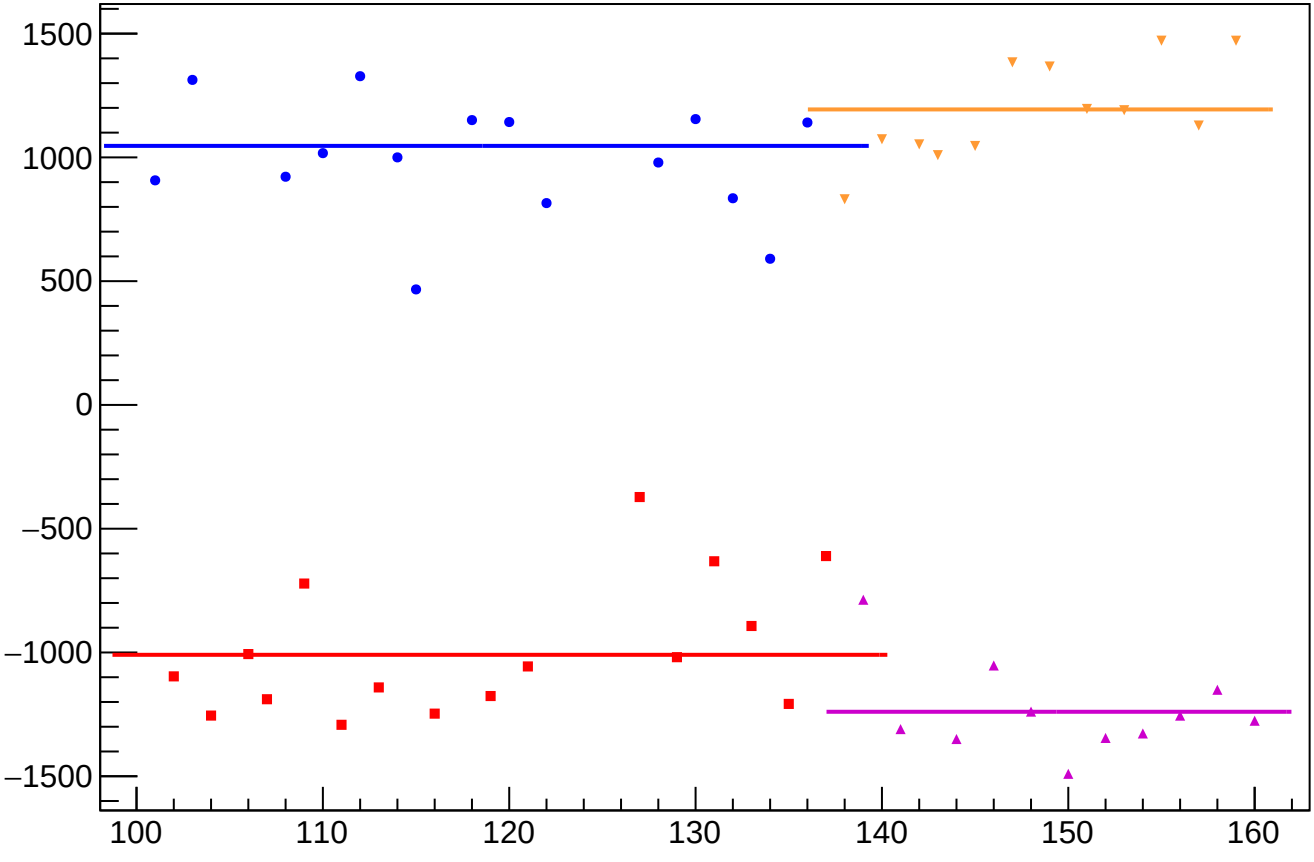
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

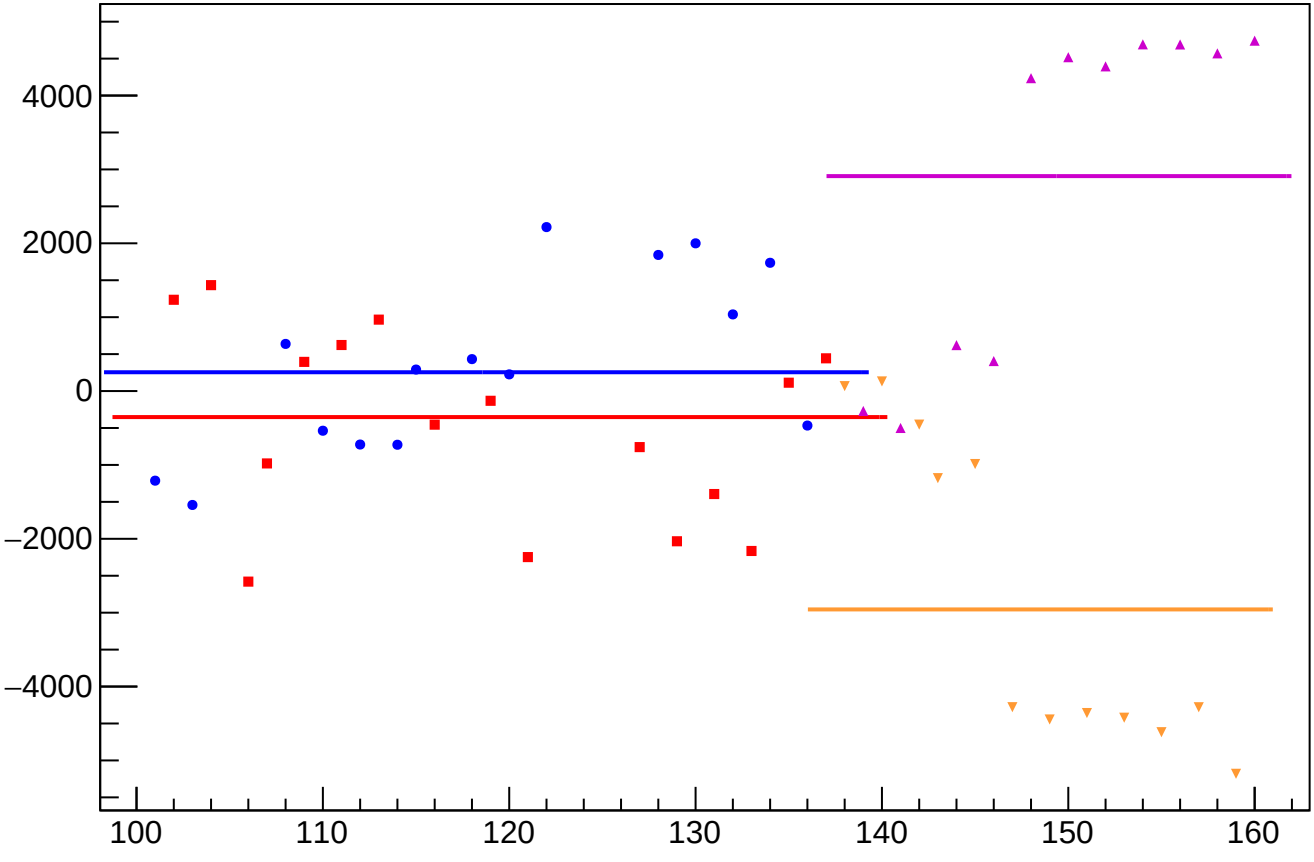
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -7.270+/-0.000 χ^2/NDF: 23893577266149002

Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11

In: 1814.139+/-0.000 χ^2/NDF:804296313002970

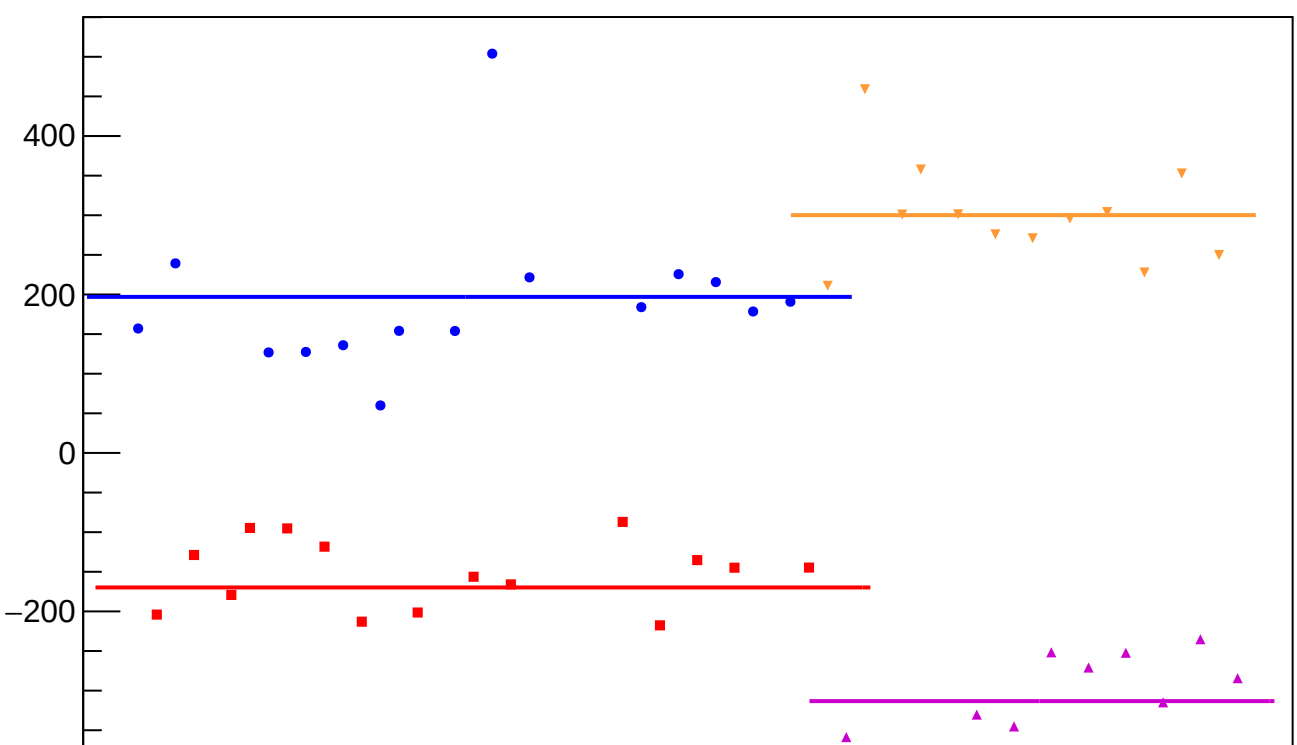
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1857.540+/-0.000 χ^2/NDF:74227087248686

Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

All: -26.357+/-0.000 χ^2/NDF: 260955494544

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -8.206+/-0.000 χ^2/NDF: 17982757813530948

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 300.154+/-0.000 χ^2/NDF:3873021428685352941137053448690204672.0/11

In: -102.733+/-0.000 χ^2/NDF:1067935716569052

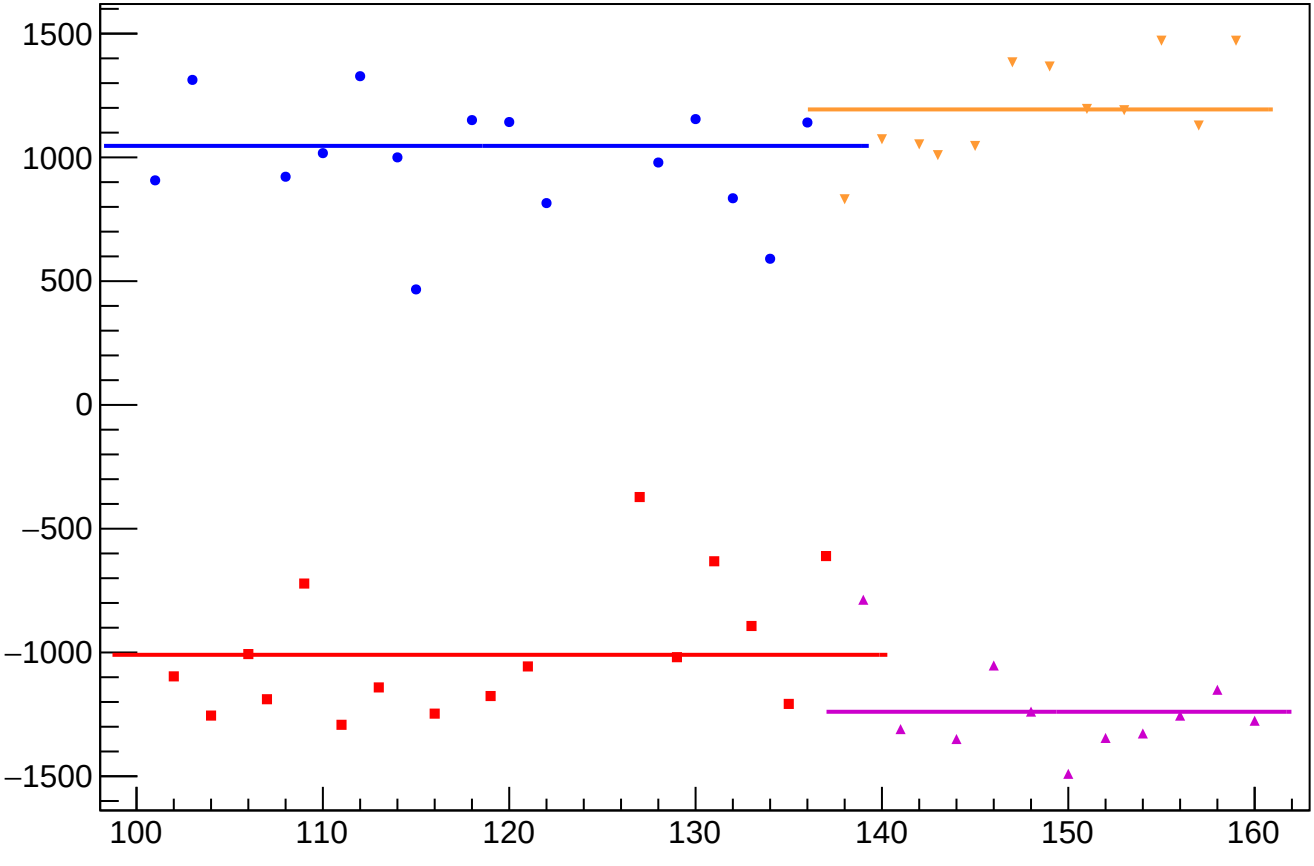
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

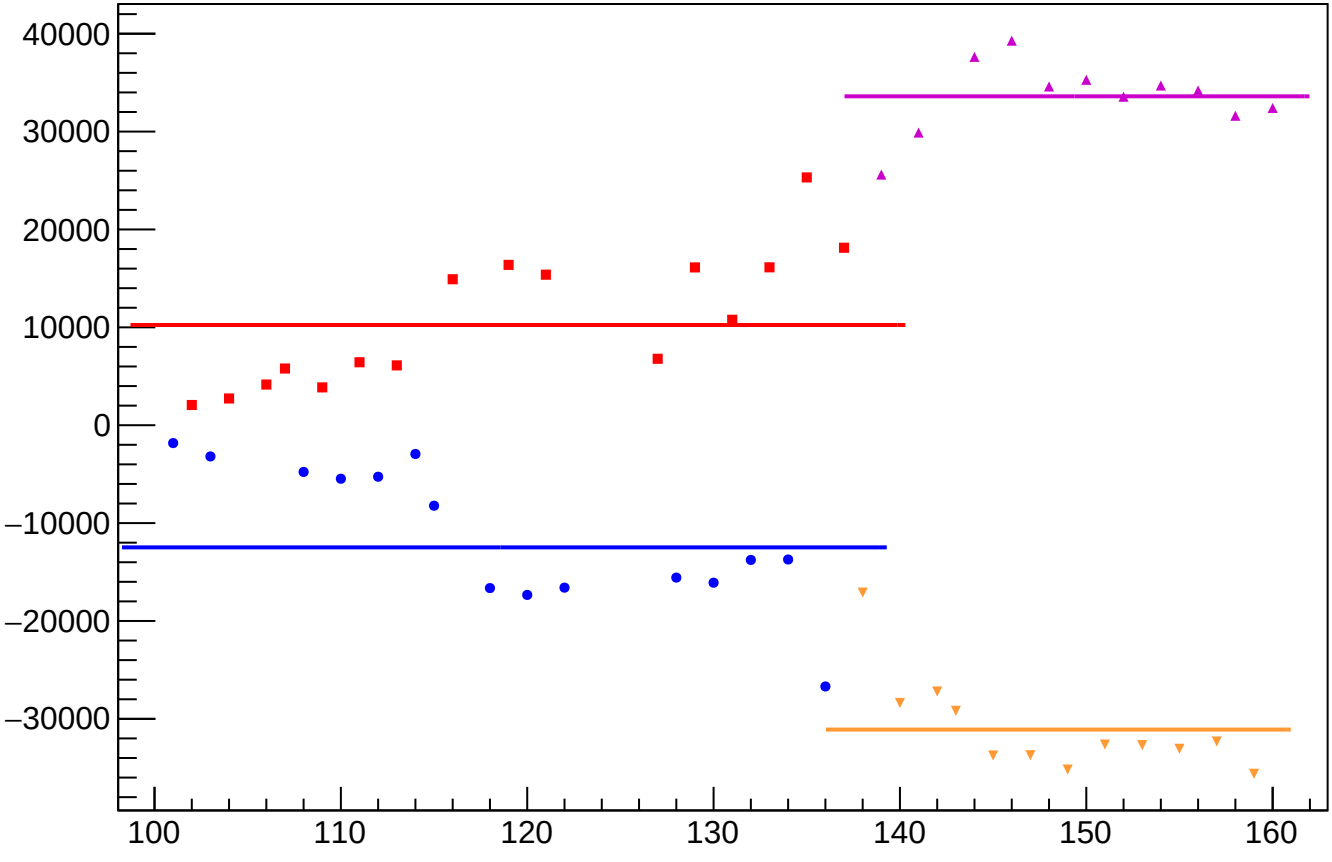
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1429.385+/-0.000 χ^2/NDF: 19565583595098

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

In: 14589.951+/-0.000 χ^2/NDF:86214672145906

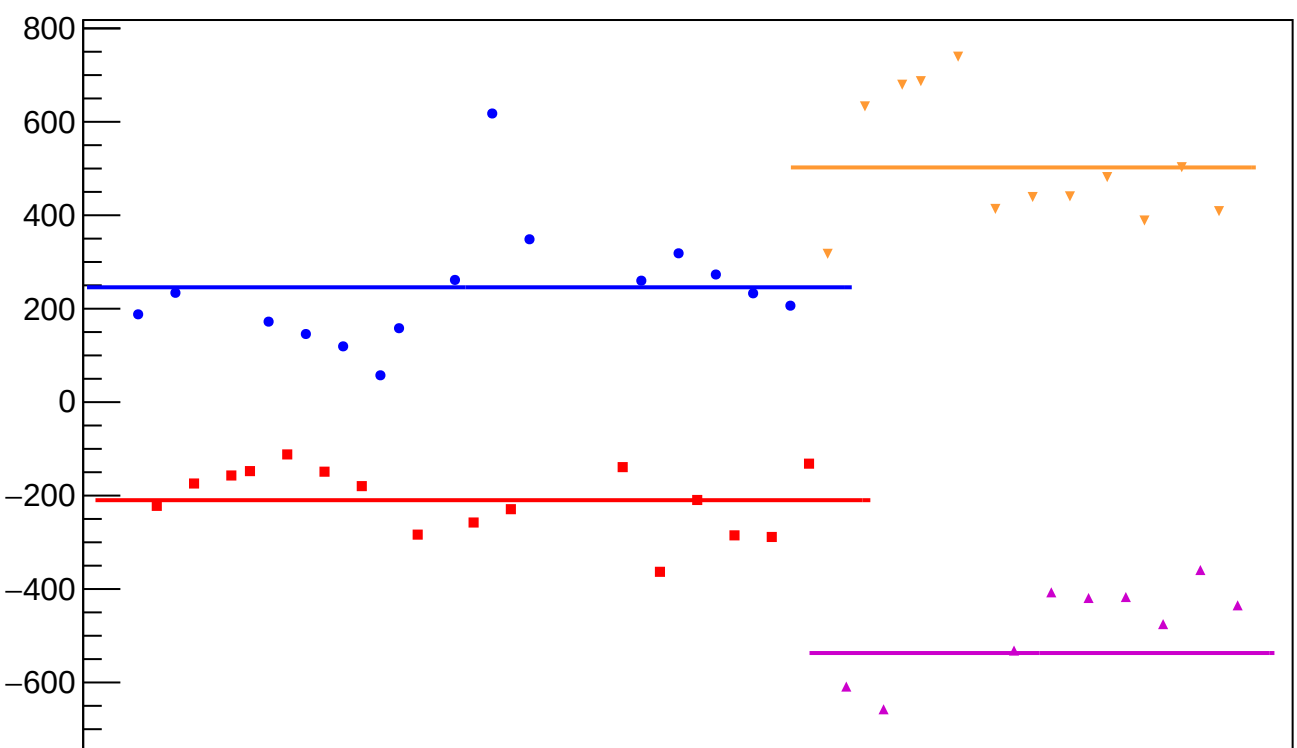
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13657.980+/-0.000 χ^2/NDF:7118042053110

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 430.161+/-0.000 χ^2/NDF: 22031269649

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

Left: -20.132+/-0.000 χ^2/NDF: 5323446467512180

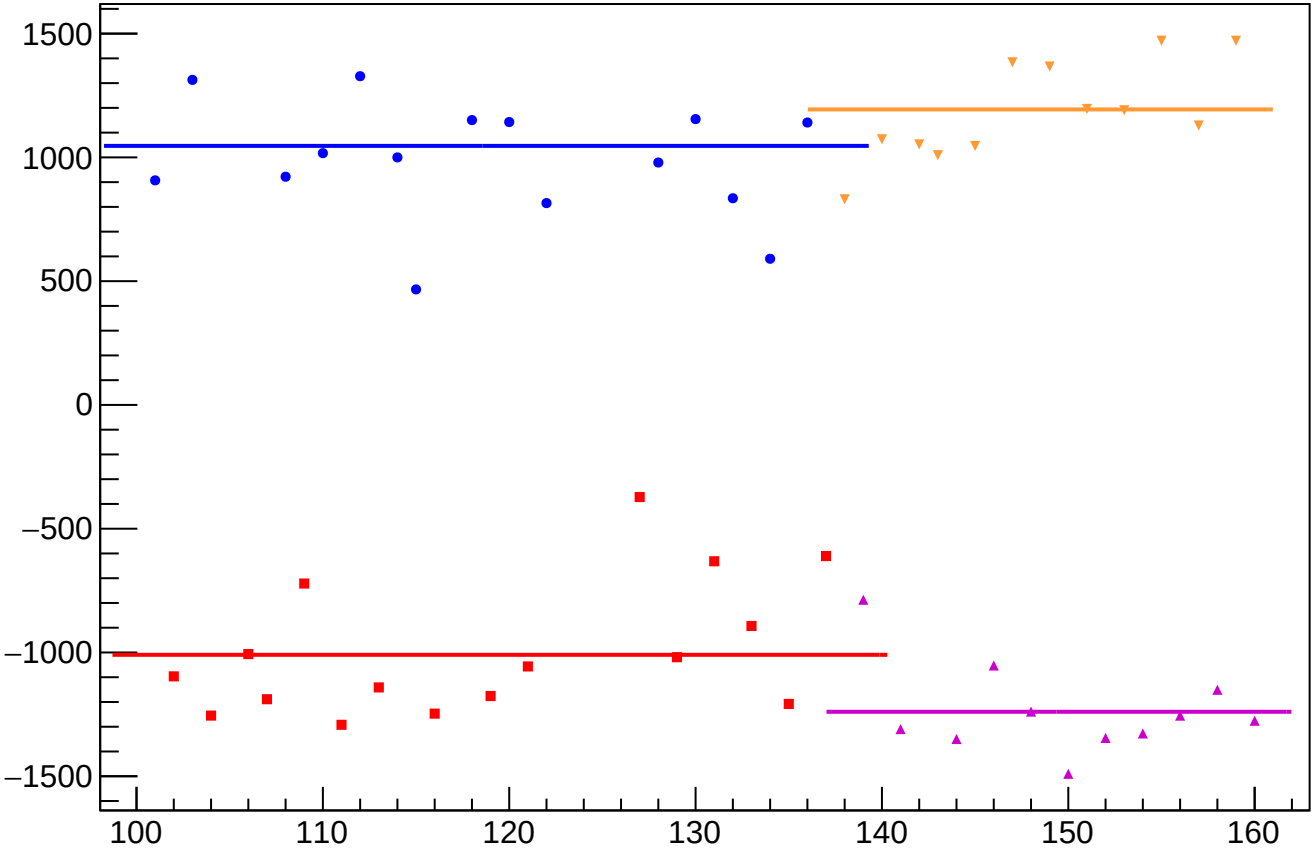
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

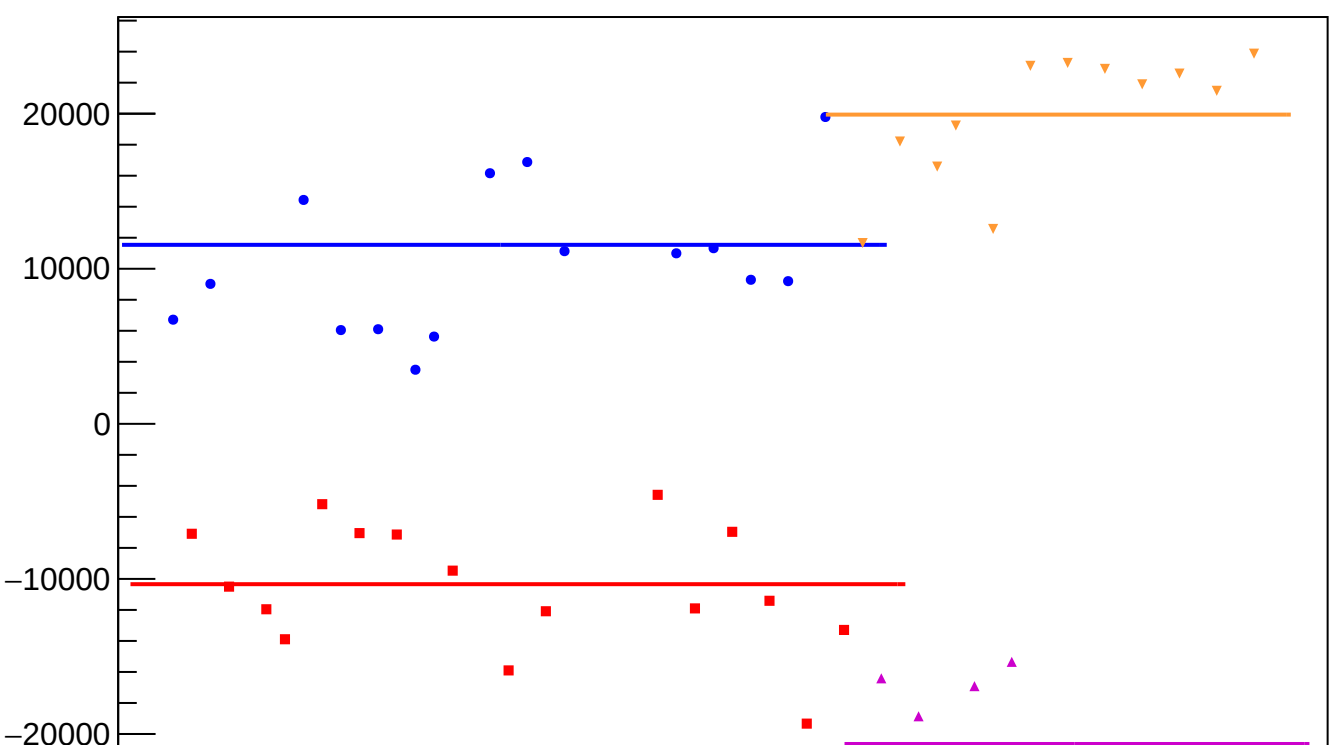
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.888+/-0.000 χ^2/NDF: 780393460783243

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19940.398+/-0.000 χ^2/NDF:150694867433458665068686580084002930032 64.0/11

In: -7364.946+/-0.000 χ^2/NDF:417673505445330

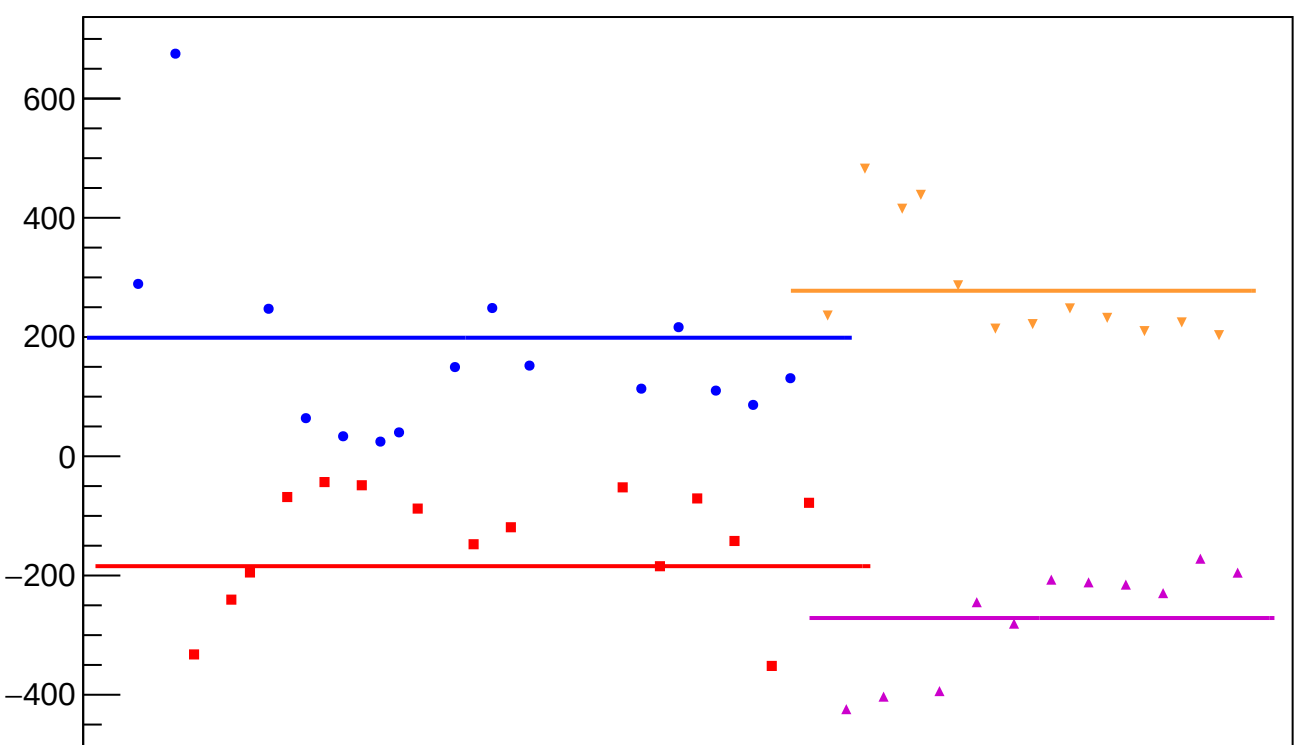
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

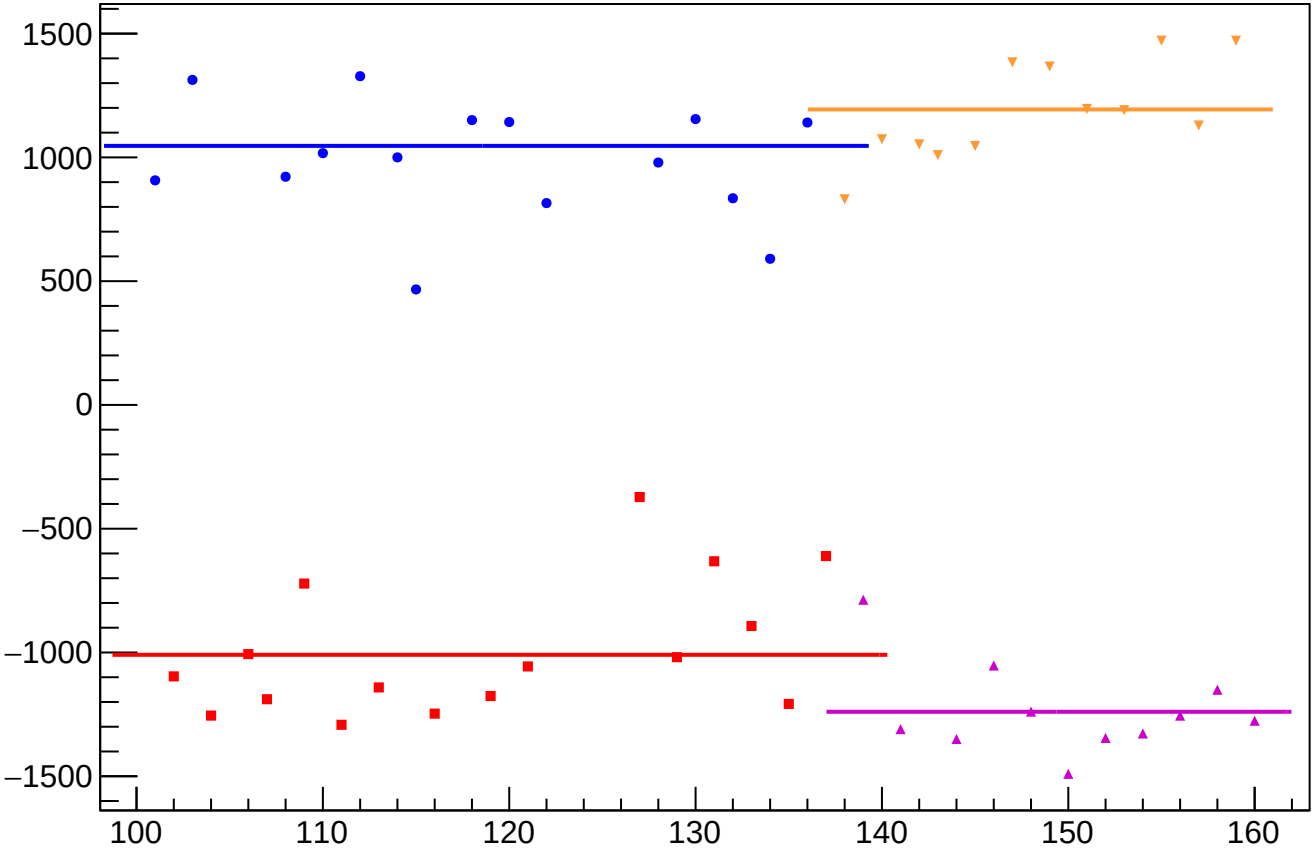
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



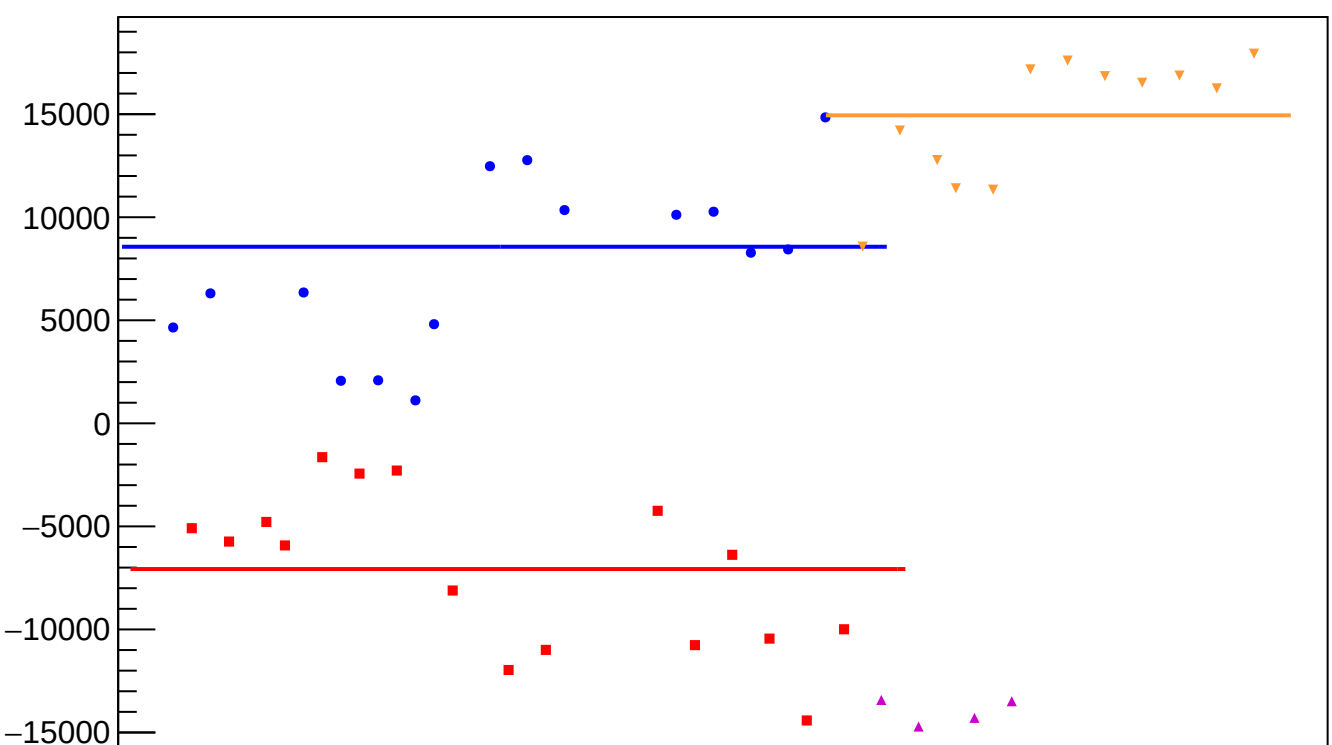
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 82.741+/-0.000 χ^2/NDF:1052585597535174
Left In: -271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10
All: 2.915+/-0.000 χ^2/NDF: 2351696492796

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



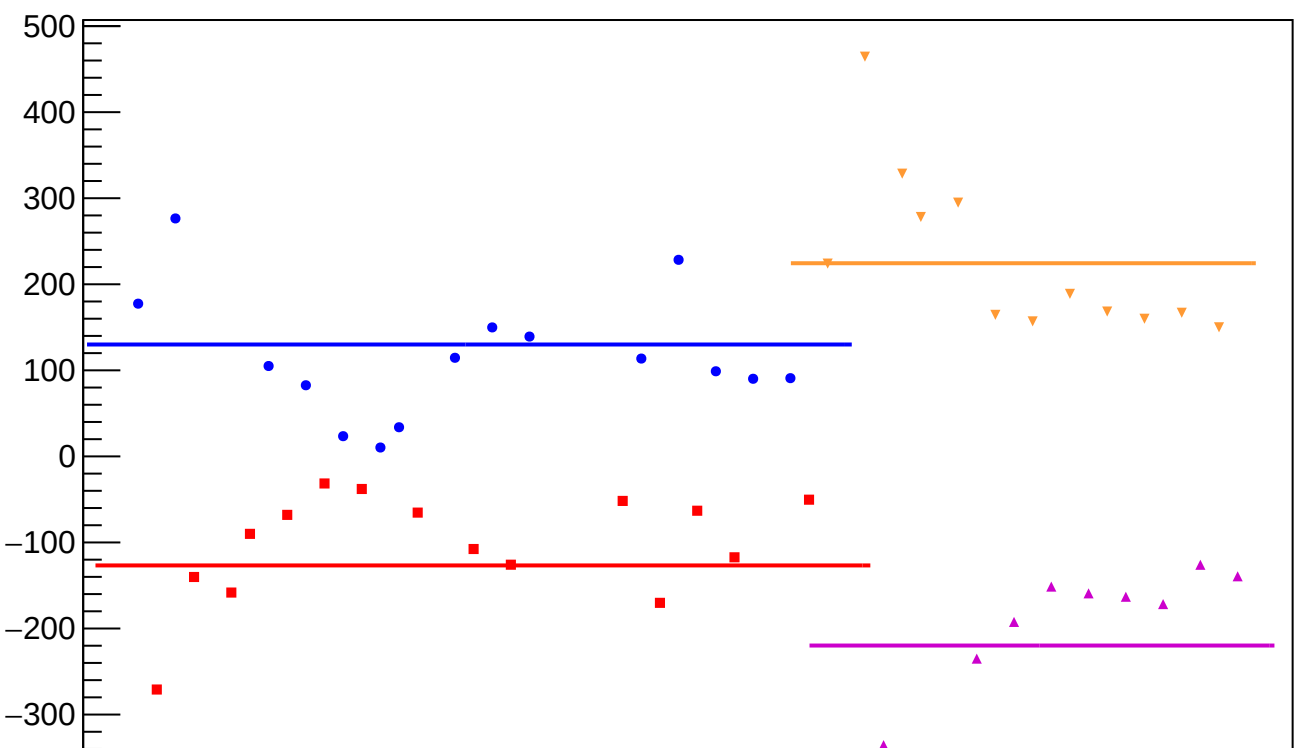
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam8_coil1_mean vs Slug, Sign Corrected



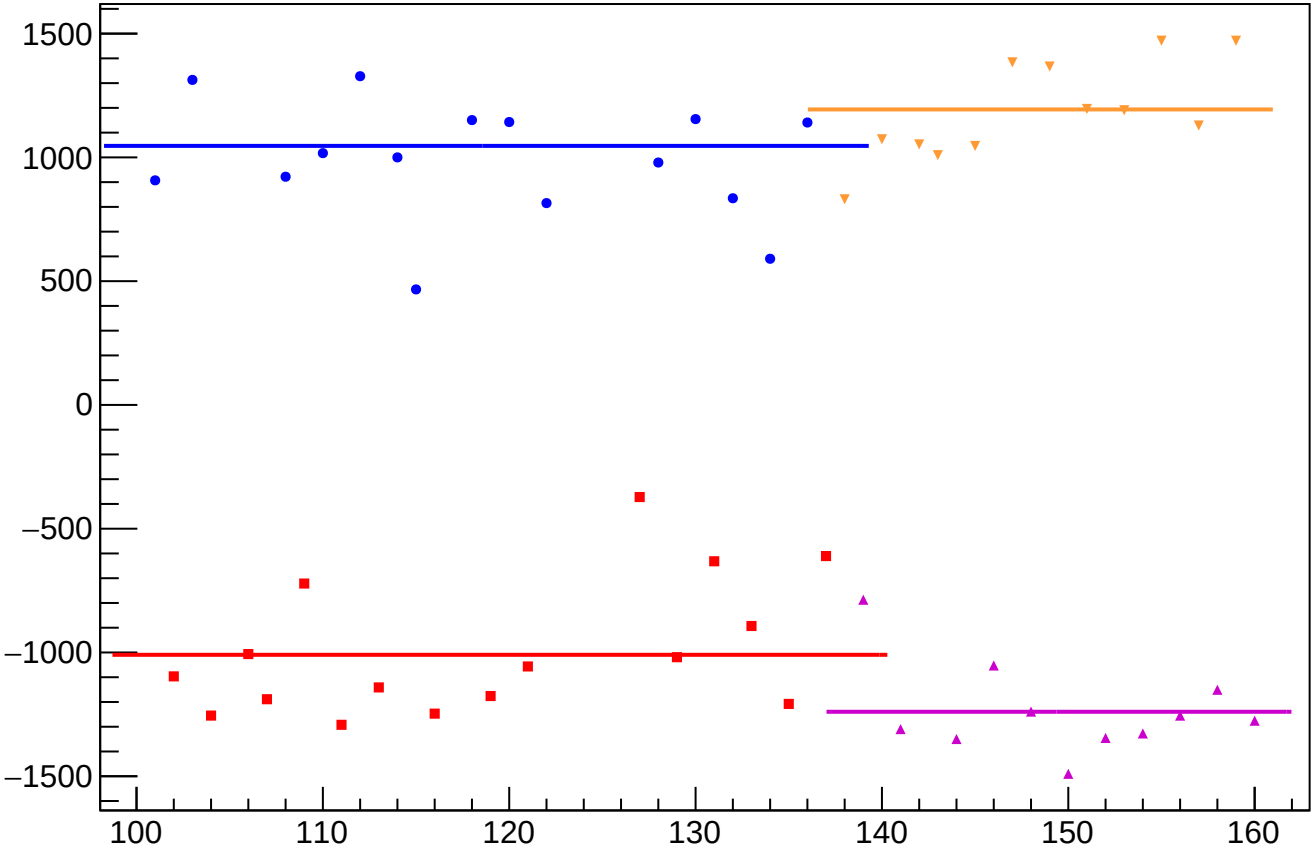
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
Out: 5656.420+/-0.000 χ^2/NDF:204837318375848
Left In: -15987.436+/-0.000 χ^2/NDF:247039342825481572862908333262999912448 0.0/10
All: -85.320+/-0.000 χ^2/NDF: 552788797574

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



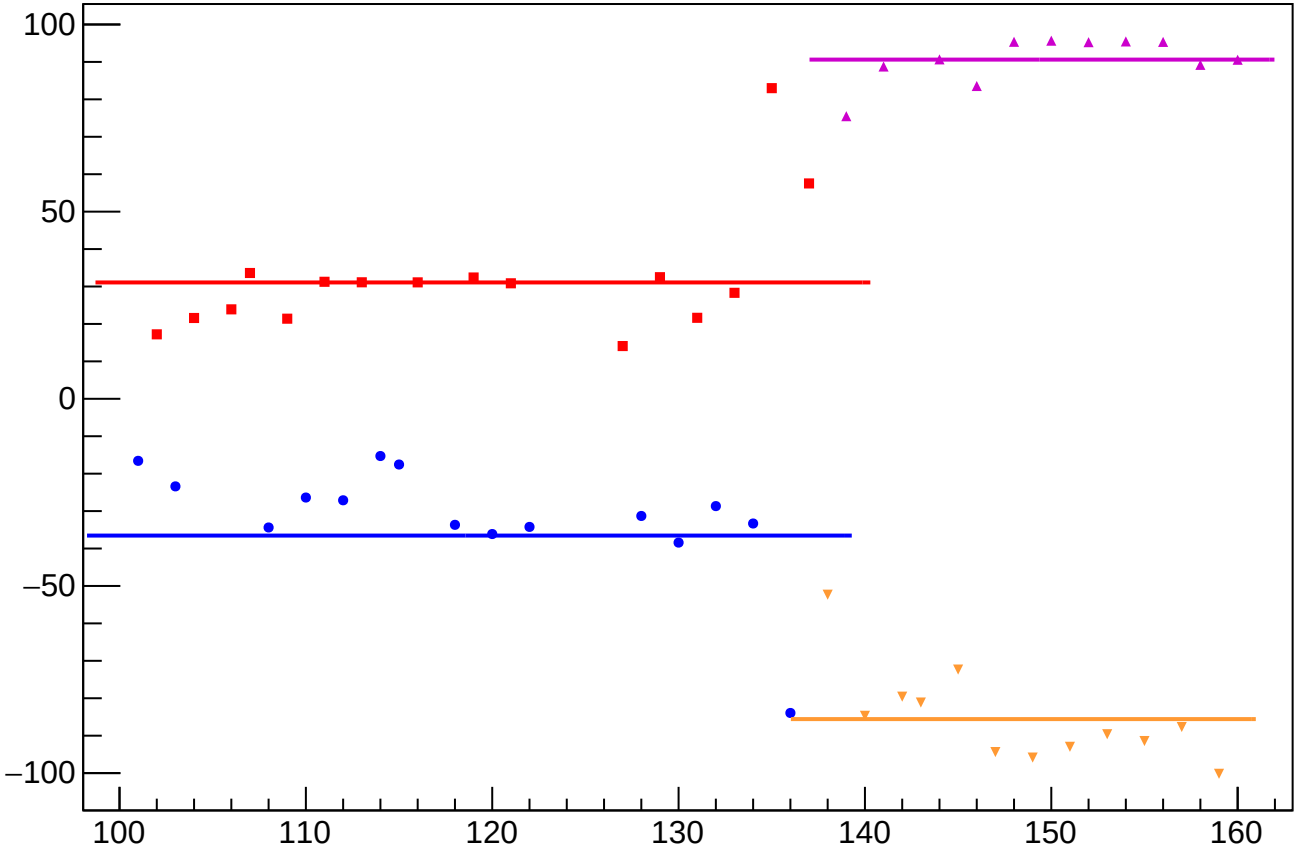
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 76.306+/-0.000 χ^2/NDF:6081924856680347
Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10
All: 0.615+/-0.000 χ^2/NDF: 1361639505758

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



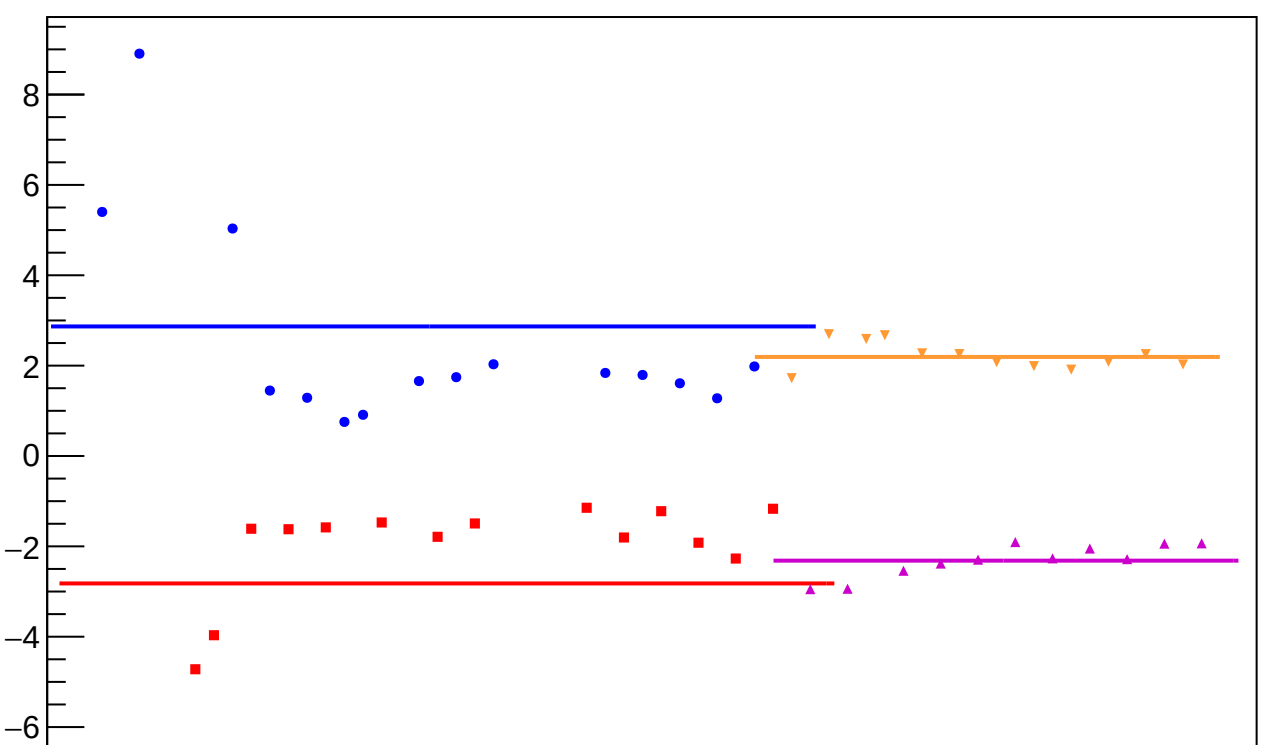
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 3.003+/-0.000 χ^2/NDF: 14440185336752927
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.355+/-0.000 χ^2/NDF:5572346140178000
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.805+/-0.000 χ^2/NDF: 16401400360245

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

Left: -0.075+/-0.000 χ^2/NDF: 95306809315306736

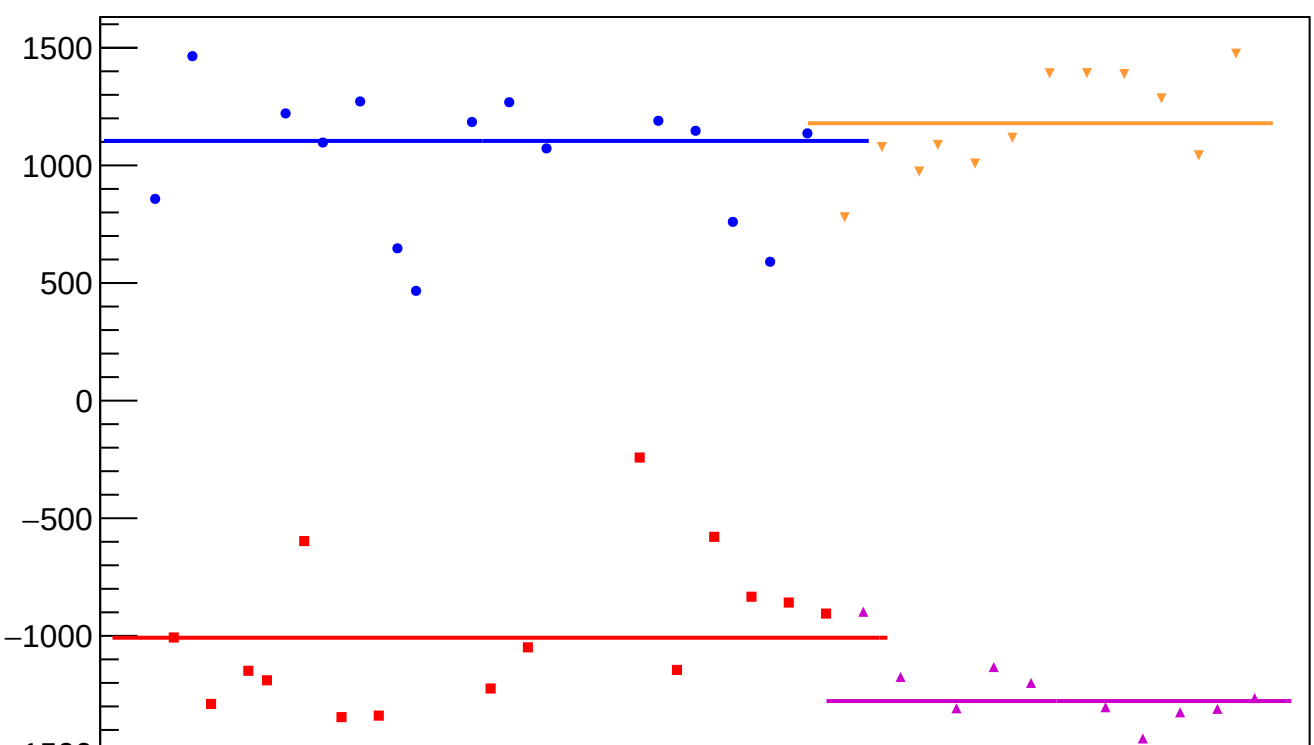
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Out: 0.077+/-0.000 χ^2/NDF:12819402023000433 0

All: -0.050+/-0.000 χ^2/NDF: 2668555650335

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

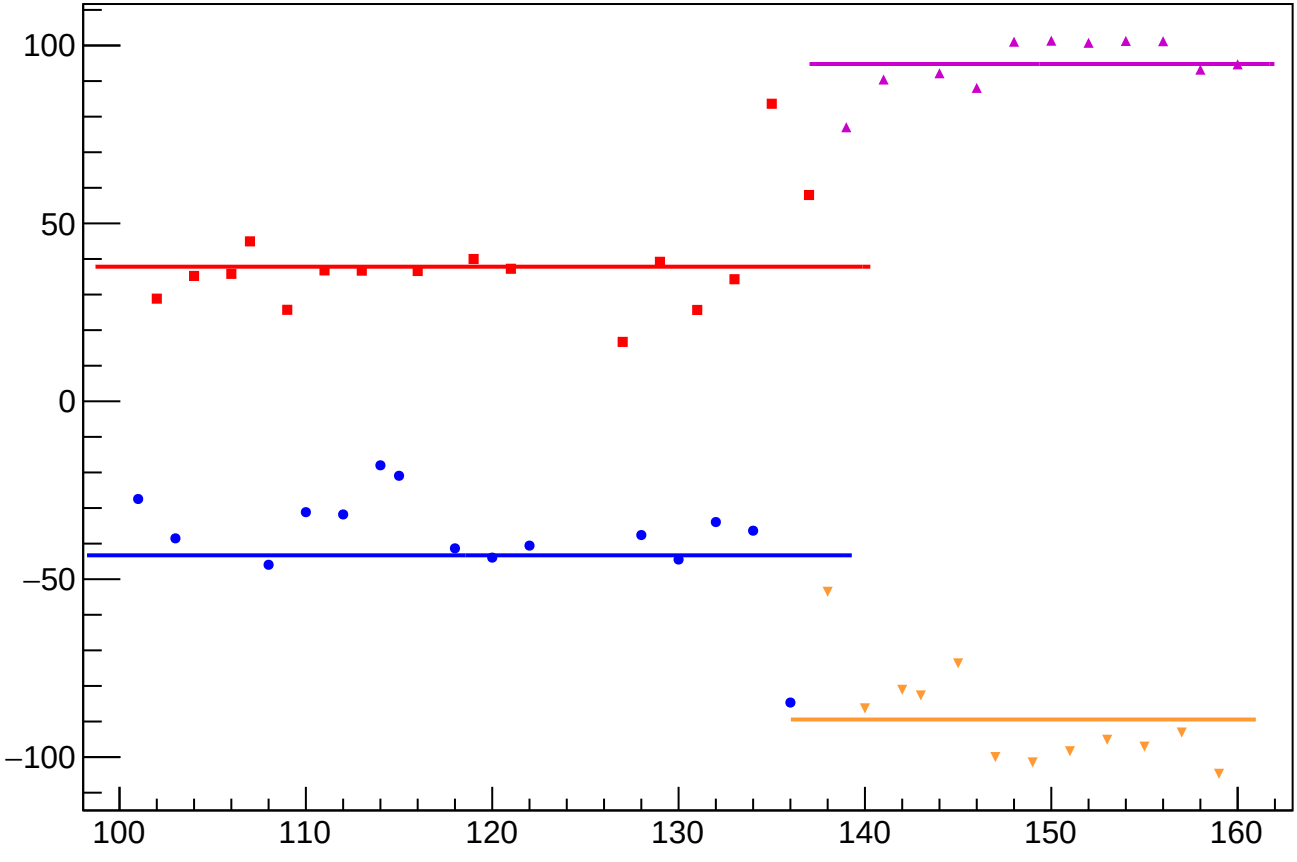
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.181+/-0.000 χ^2/NDF: 158268282831051271

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.439+/-0.000 χ^2/NDF:181119962985690841138788427972476928.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

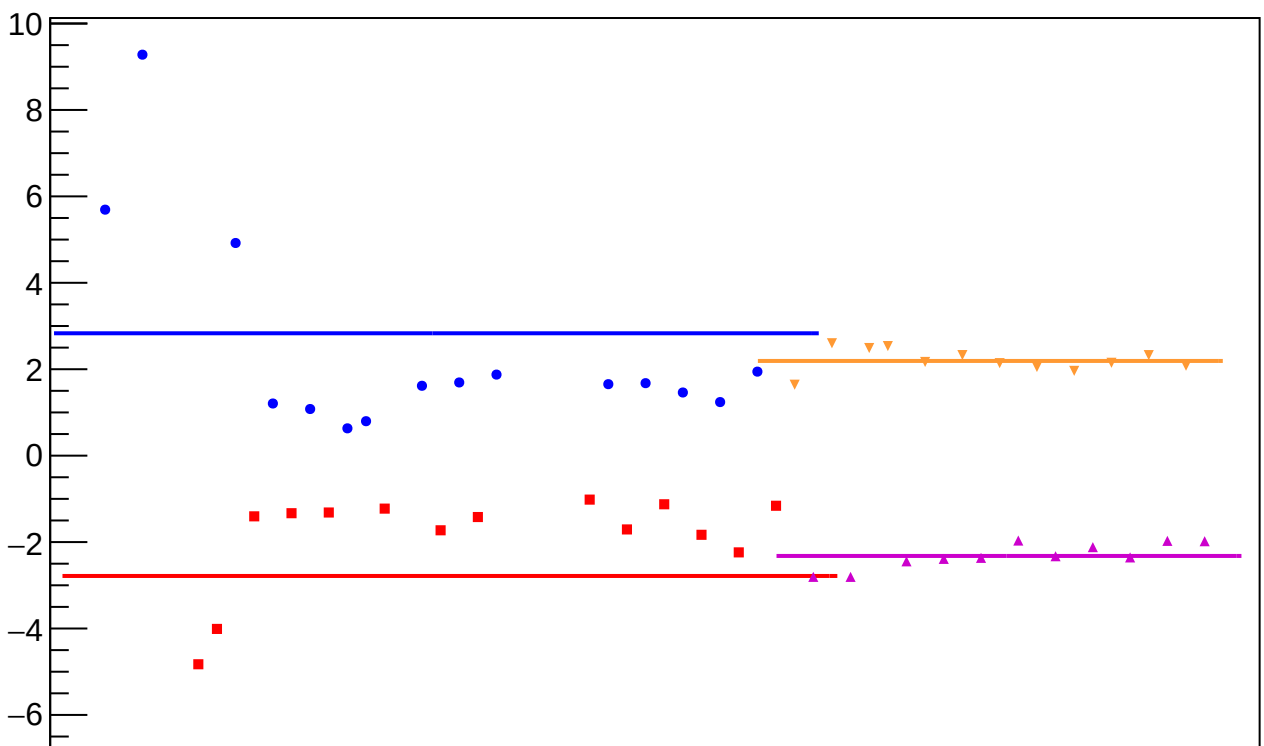
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.745+/-0.000 χ^2/NDF:6575776048743356

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.947+/-0.000 χ^2/NDF: 1836150818238

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 94909091783771973

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

In: -0.195+/-0.000 χ^2/NDF:1415385013408516 11

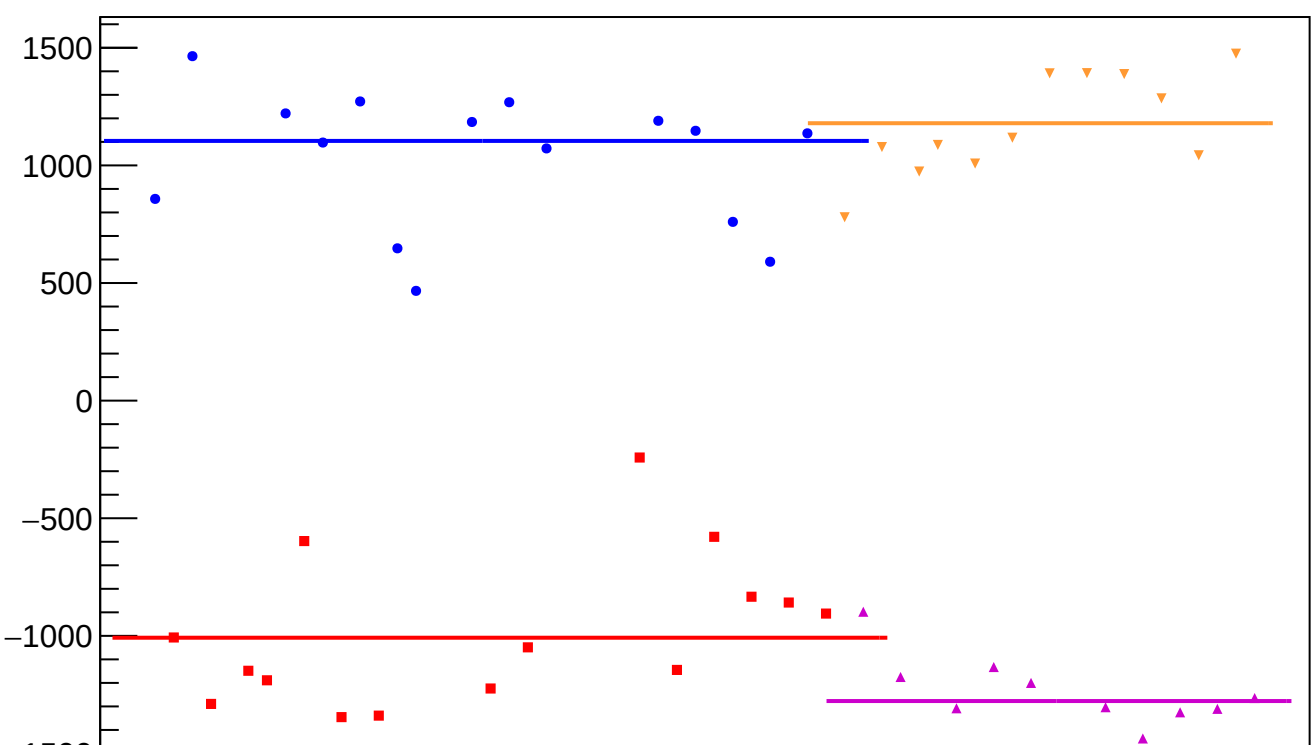
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: 0.092+/-0.000 χ^2/NDF:1319660578541495 19

Left In: -2.321+/-0.000 χ^2/NDF:7461912322461632454440450523 1360.0/10

All: -0.051+/-0.000 χ^2/NDF: 2741558316748

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

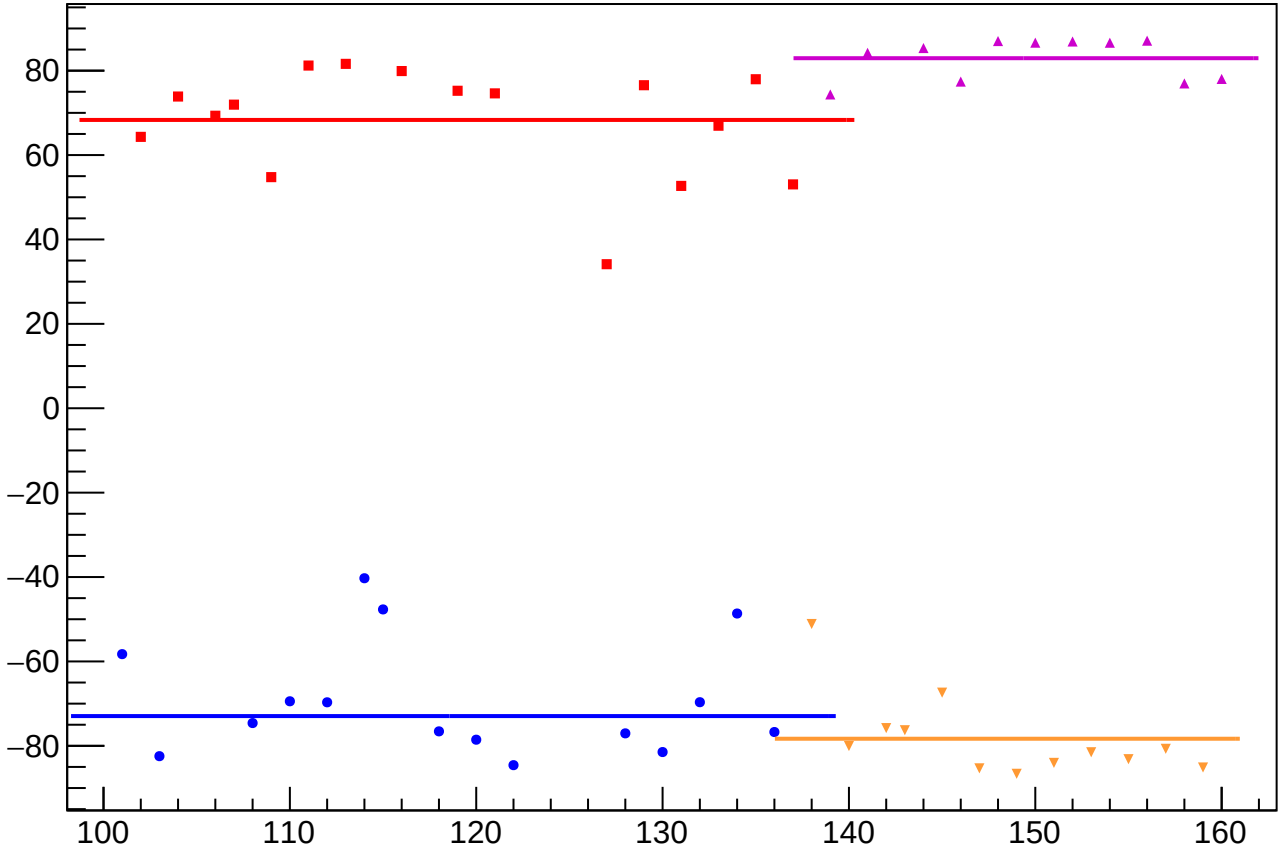
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.757+/-0.000 χ^2/NDF: 120577028568665653

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

In: 18.630+/-0.000 χ^2/NDF:935227547229560147

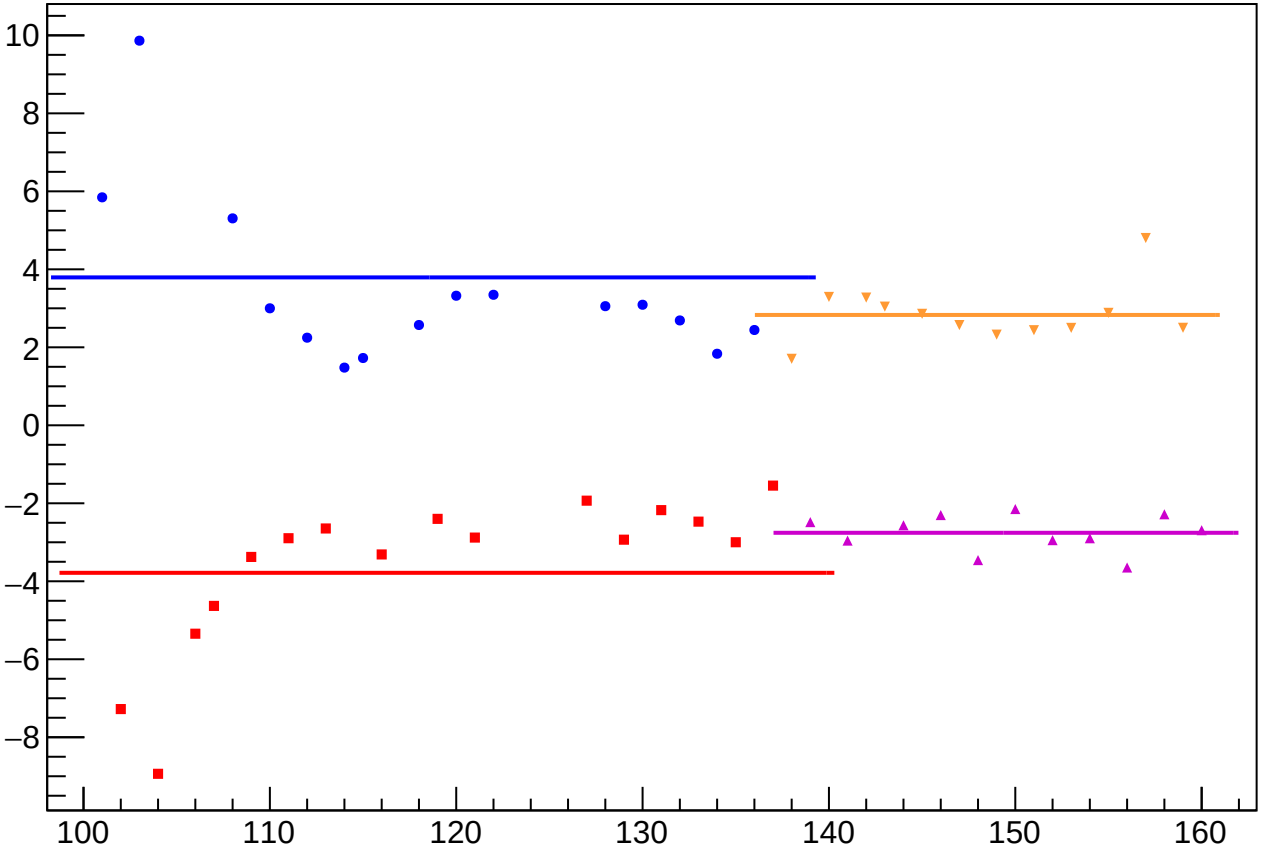
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -16.451+/-0.000 χ^2/NDF:8485315004637869

Left In: 82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

All: 1.045+/-0.000 χ^2/NDF: 1880801156865

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 15025603203448953

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.830+/-0.000 χ^2/NDF:49274902602883890794782962116 1984.0/11

In: -0.054+/-0.000 χ^2/NDF:19750496568510585 7

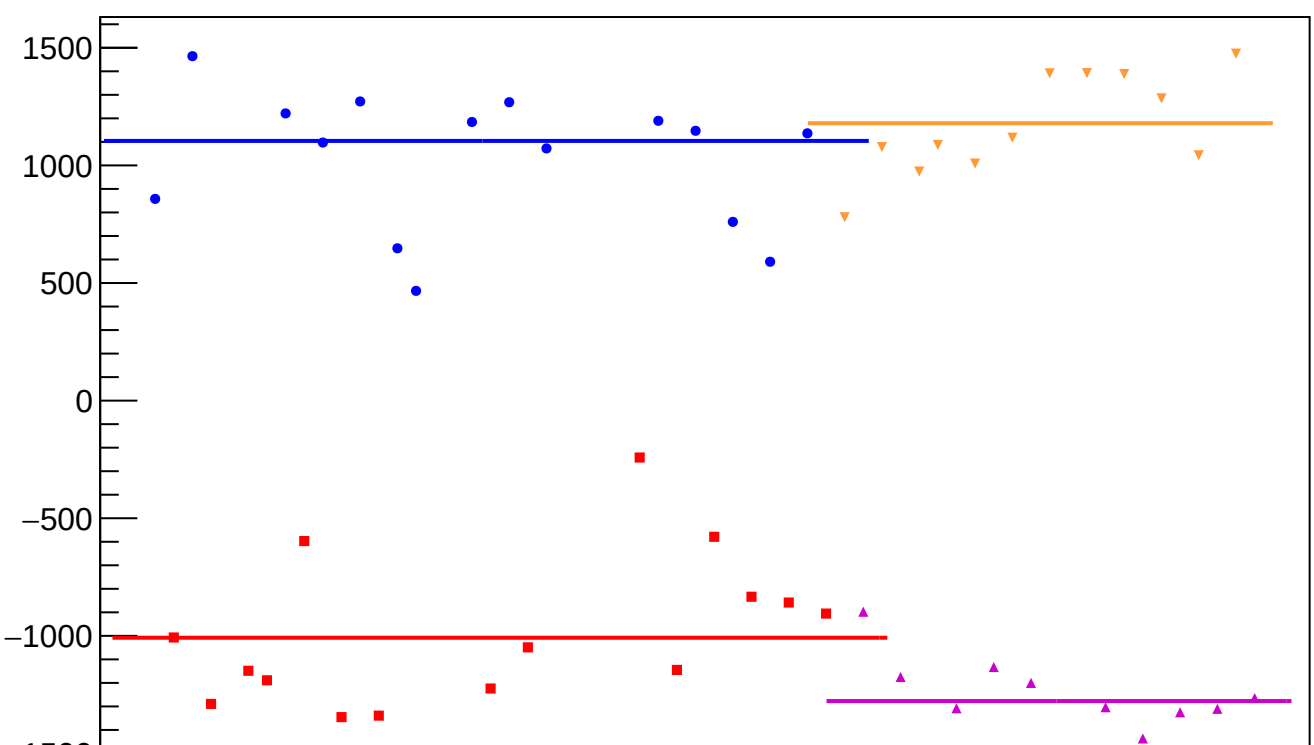
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

Out: 0.040+/-0.000 χ^2/NDF:20235343242589691 2

Left In: -2.757+/-0.000 χ^2/NDF:19172074654773230622605404274688 0.0/10

All: -0.007+/-0.000 χ^2/NDF: 3999287355304

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

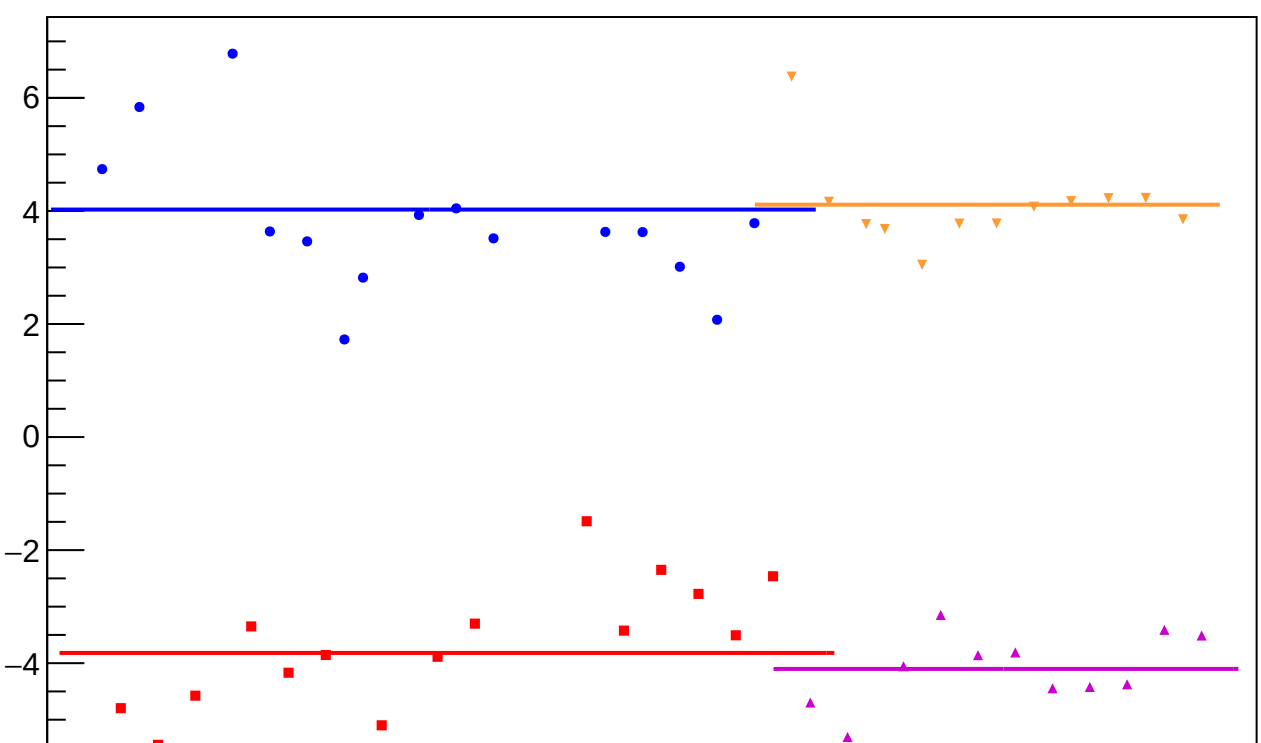
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31853611122068431

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 21892754887879739

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

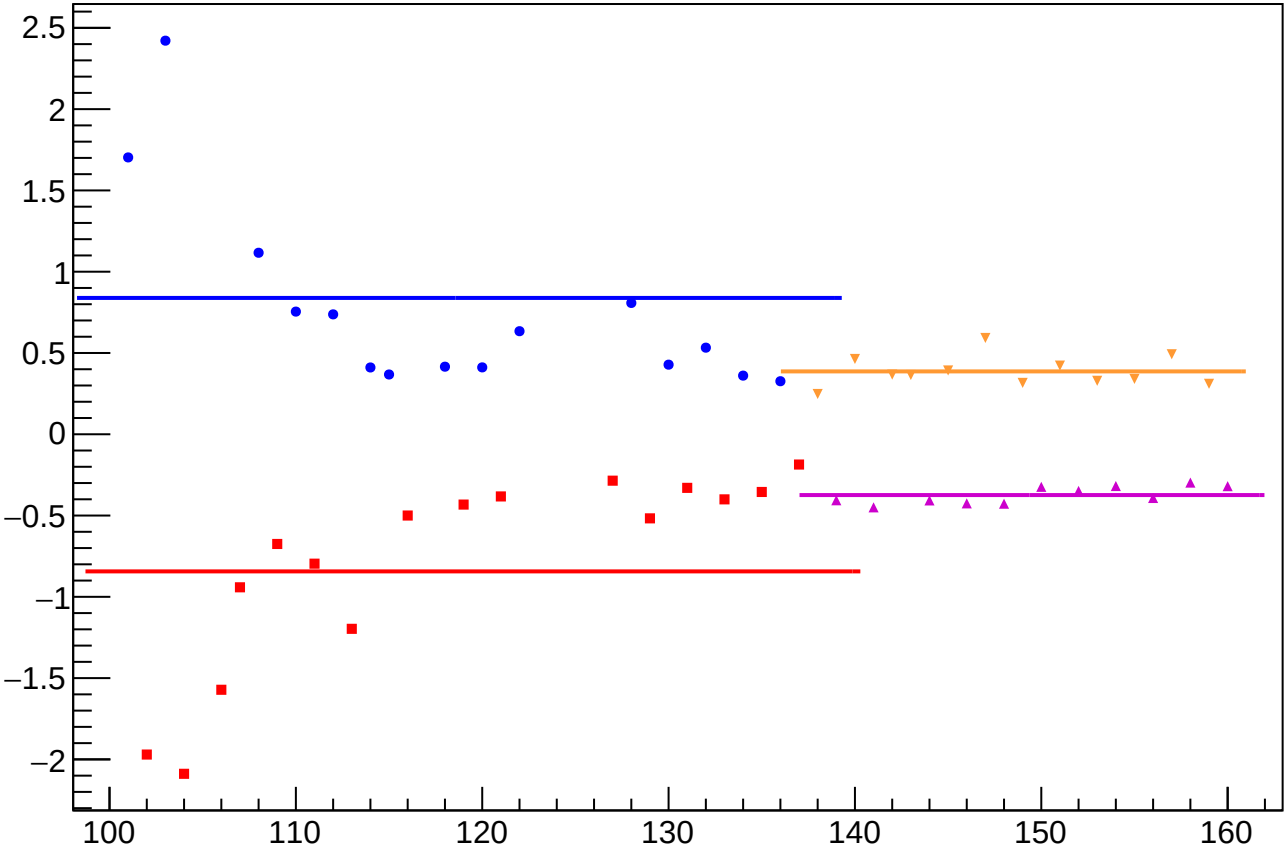
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

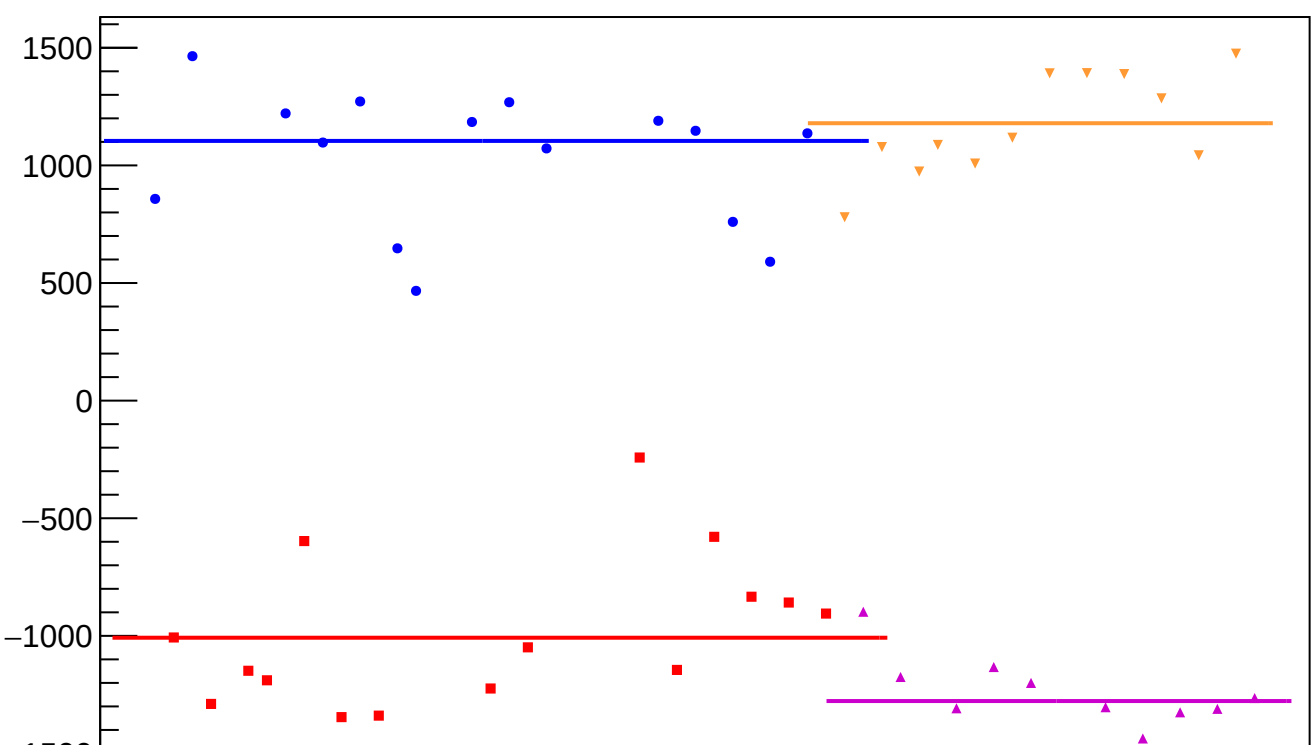
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27594858438302610
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8441698023007620 5
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1718408465884

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

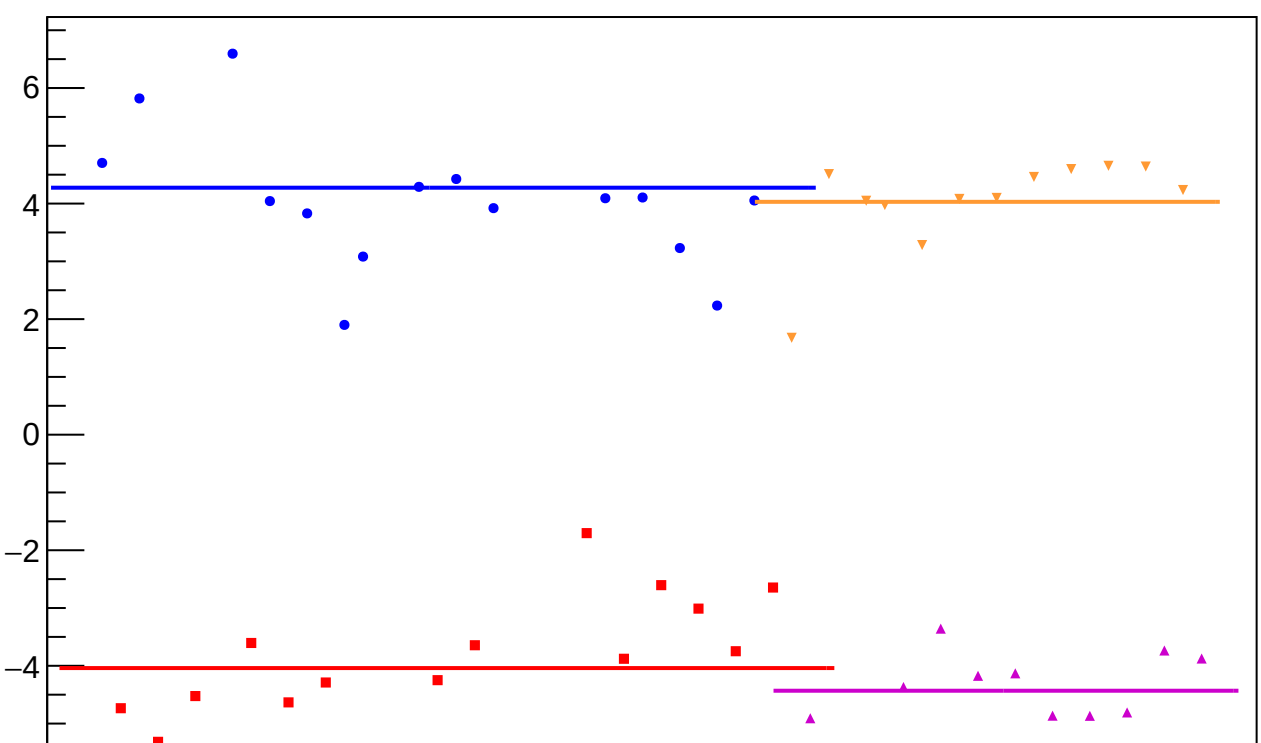
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.224+/-0.000 χ^2/NDF: 33846784910567174

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 24108117163015416

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

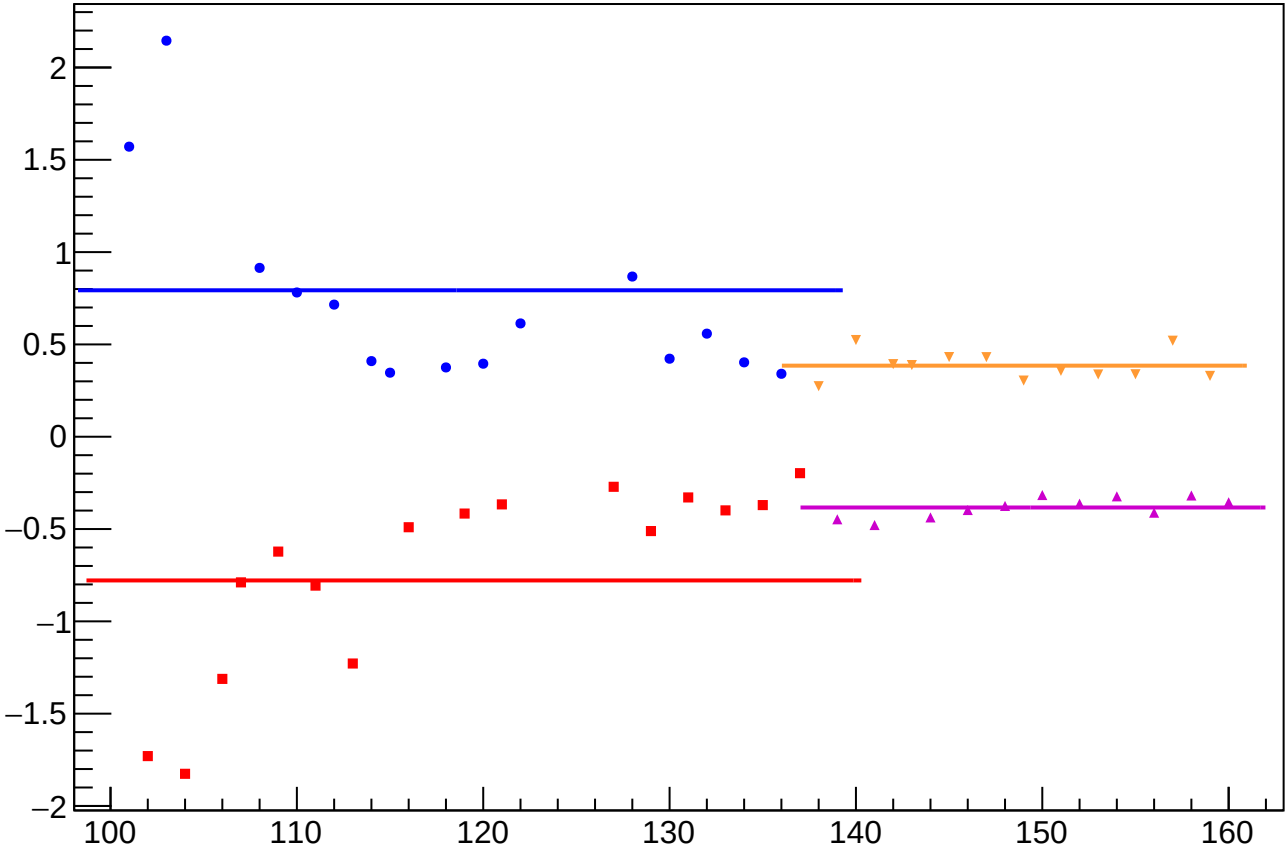
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.626+/-0.000 χ^2/NDF:264837106487294890

Left In: -4.432+/-0.000 χ^2/NDF:345602703191245770554210363899904.0/10

All: -0.105+/-0.000 χ^2/NDF: 5801697378090

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27939551285001420

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

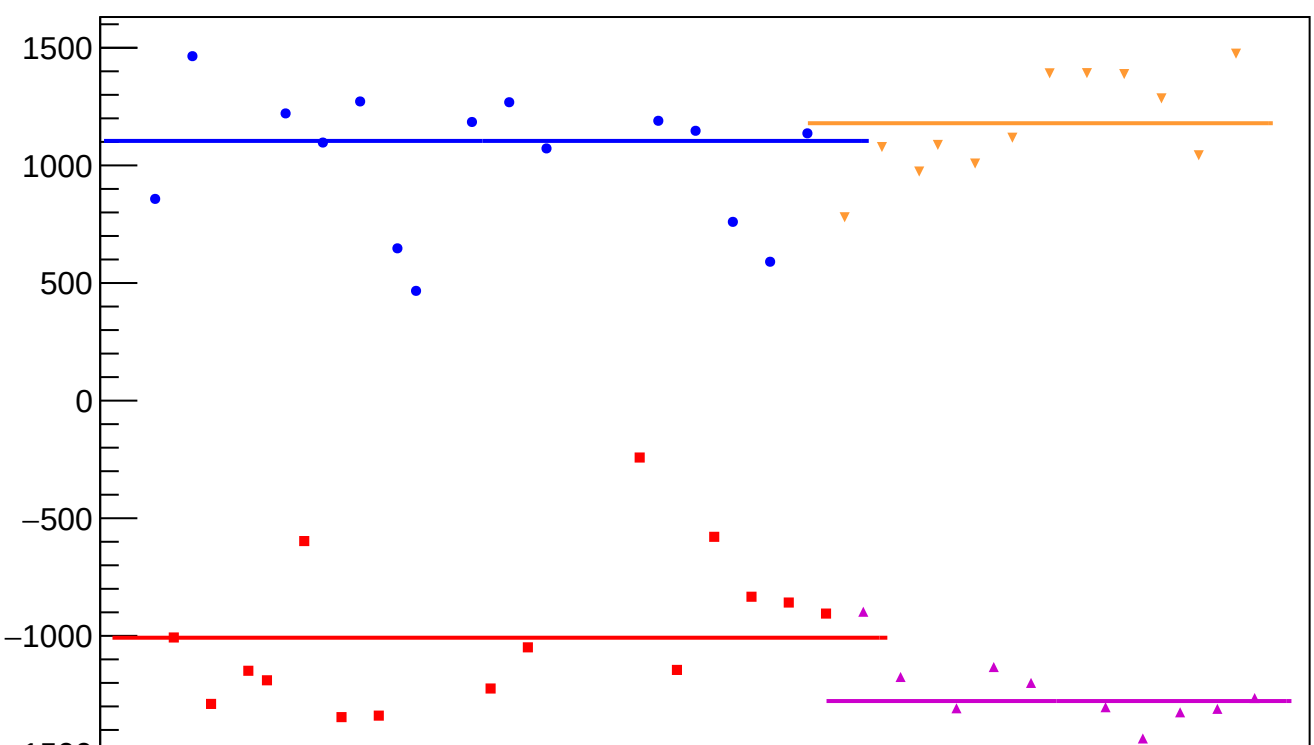
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71330081373871588

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1473239916142

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

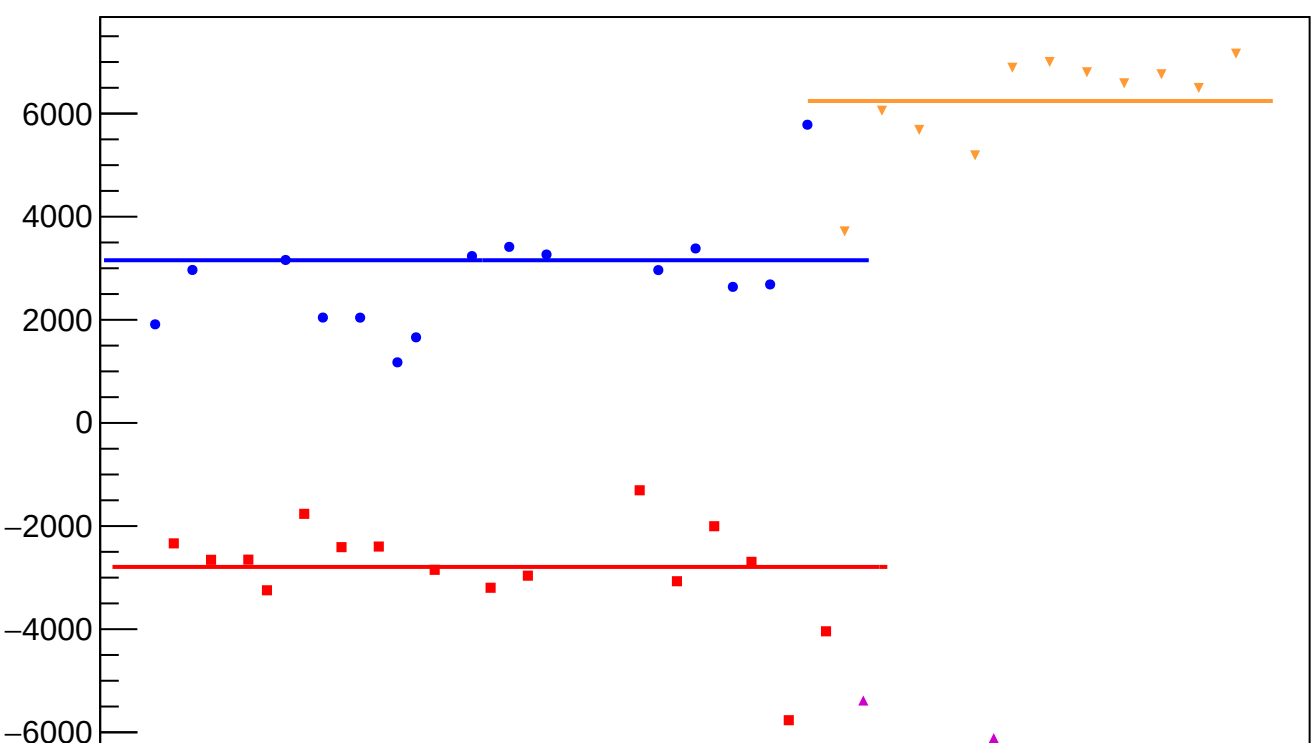
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -455.070+/-0.000 χ^2/NDF: 738907970764408

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6243.976+/-0.000 χ^2/NDF:811230786168378302780139165688711348224.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

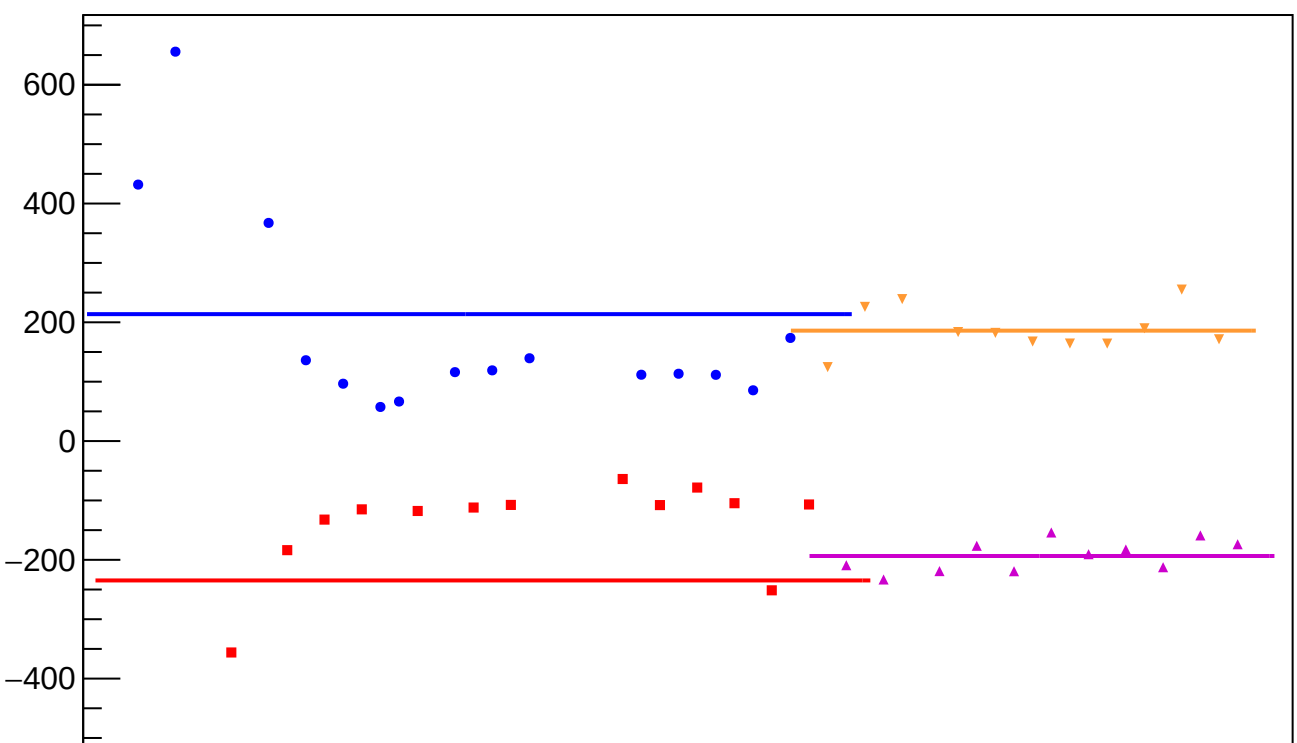
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2263.025+/-0.000 χ^2/NDF:319547842055844

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.997+/-0.000 χ^2/NDF: 87373315799

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.048+/-0.000 χ^2/NDF: 6529786806410777

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

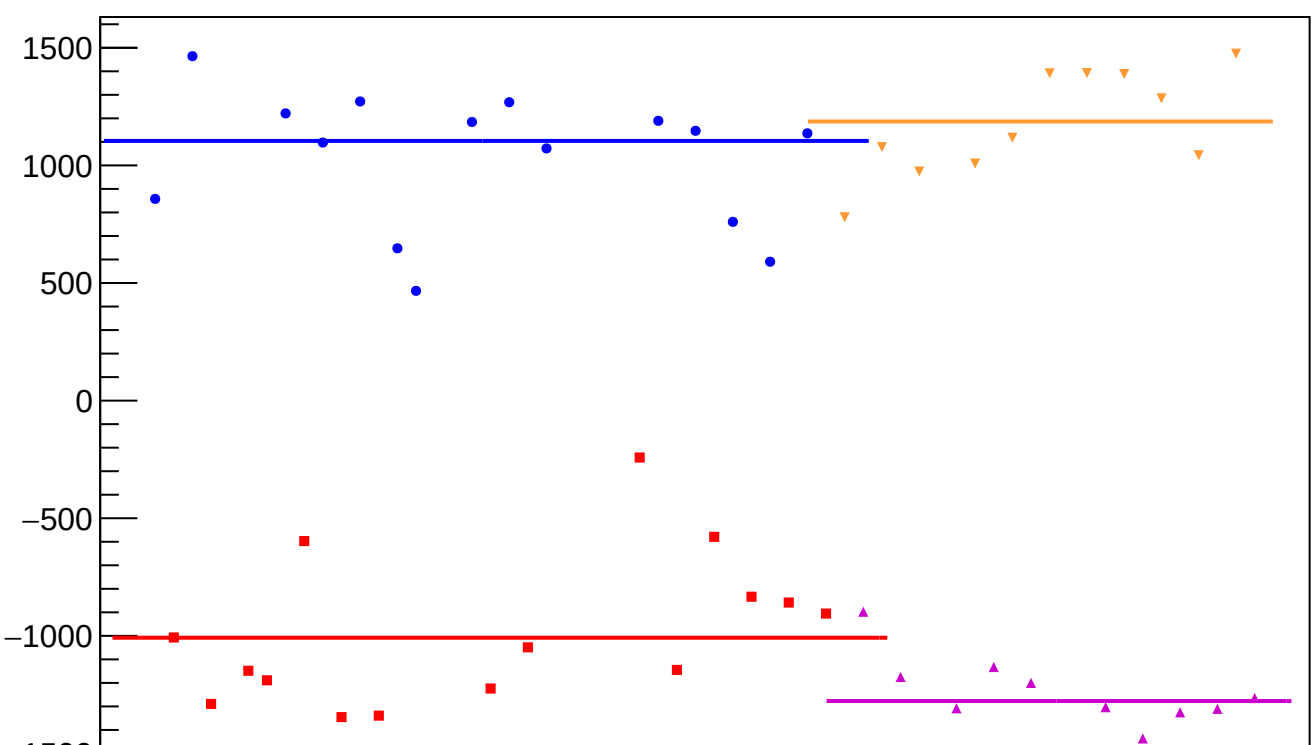
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.624+/-0.000 χ^2/NDF:91101505567681952 5

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.690+/-0.000 χ^2/NDF: 175183232937

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

Left: -98.791+/-0.000 χ^2/NDF: 2750108583859337

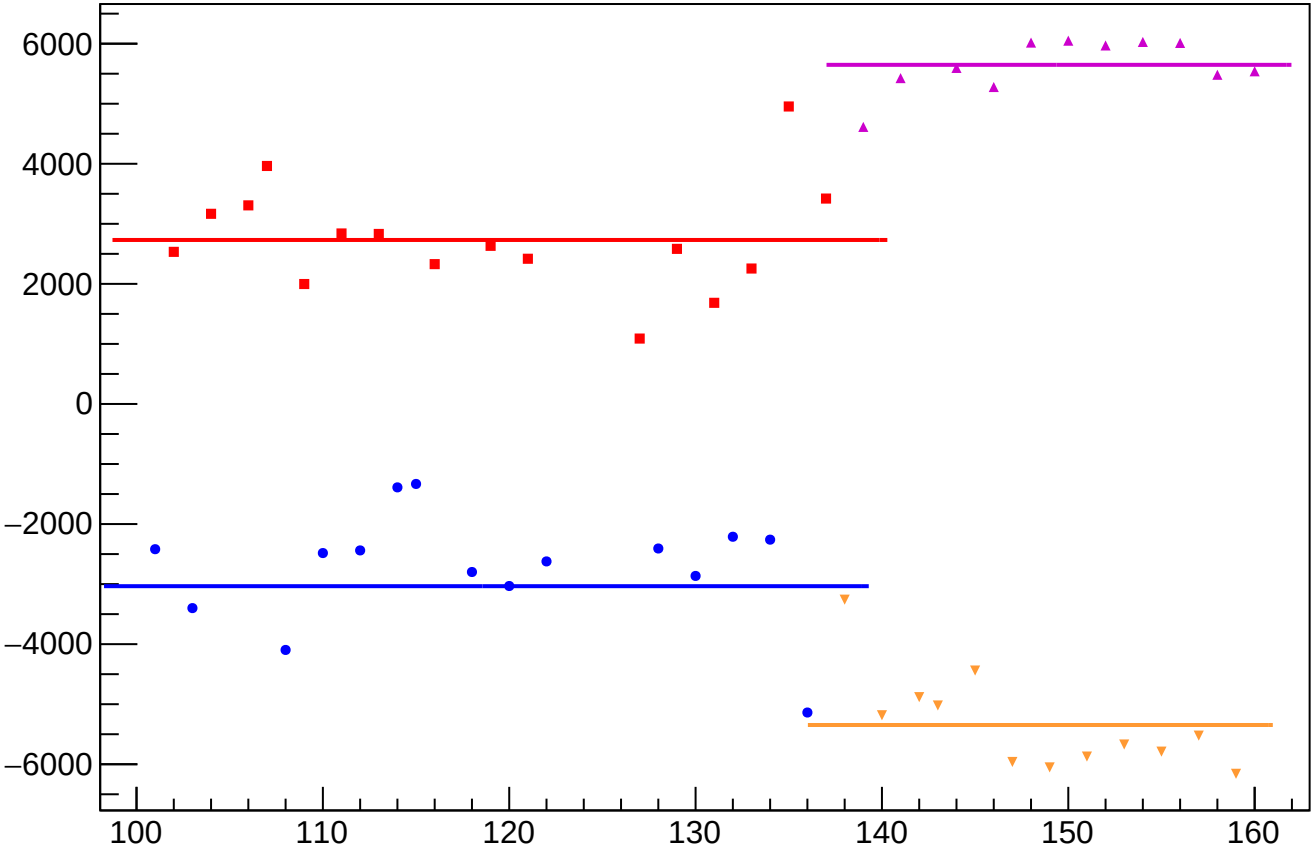
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 219.820+/-0.000 χ^2/NDF:190429861464471 8

All: -42.327+/-0.000 χ^2/NDF: 433243619432

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.580+/-0.000 χ^2/NDF: 5629644567862069

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11

In: 2065.482+/-0.000 χ^2/NDF:2953204271382502

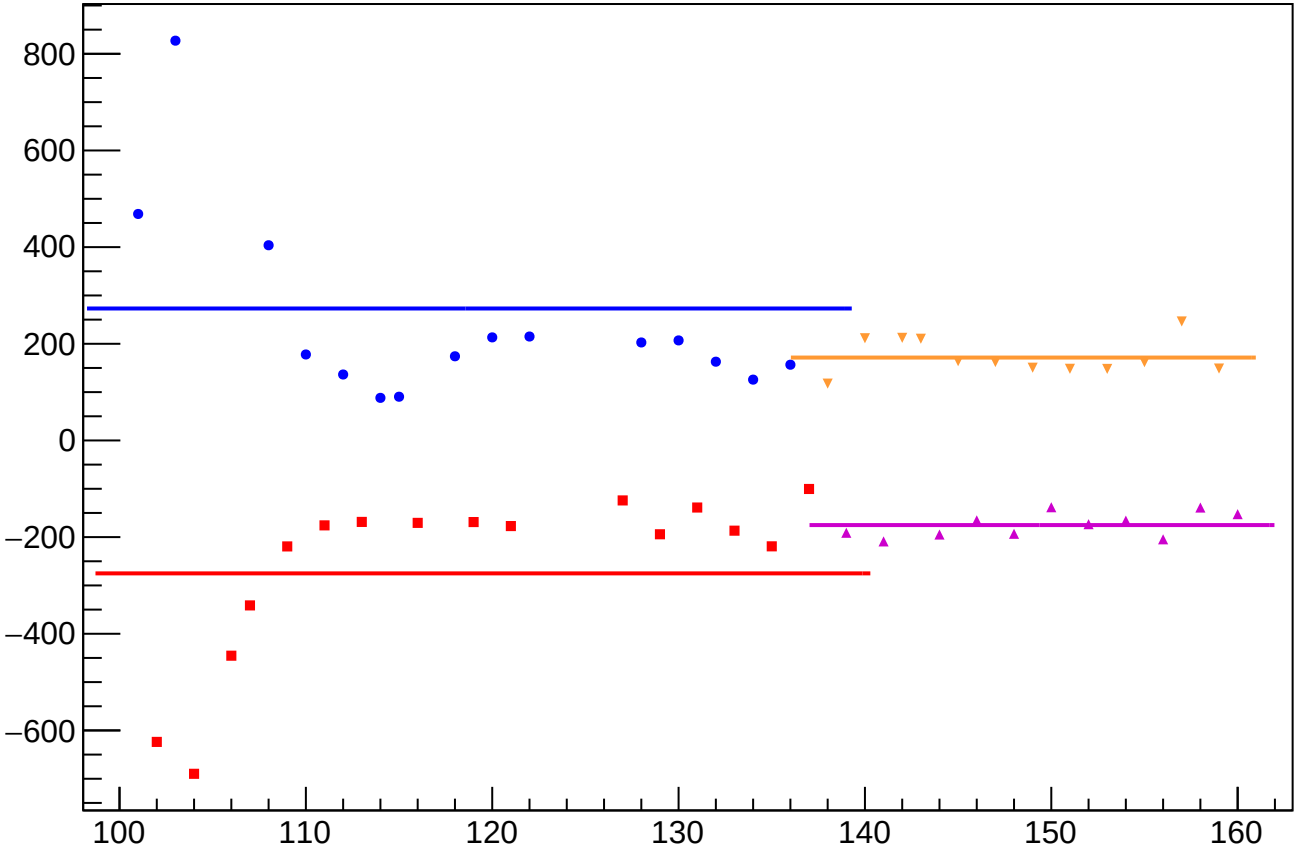
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1938.587+/-0.000 χ^2/NDF:26282051967126

Left In: 5647.632+/-0.000 χ^2/NDF:16421431290803564521512635693549171507 2.0/10

All: 58.370+/-0.000 χ^2/NDF: 684556968477

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.734+/-0.000 χ^2/NDF: 56898976586589757

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

In: 9.796+/-0.000 χ^2/NDF:10358026016022770 92

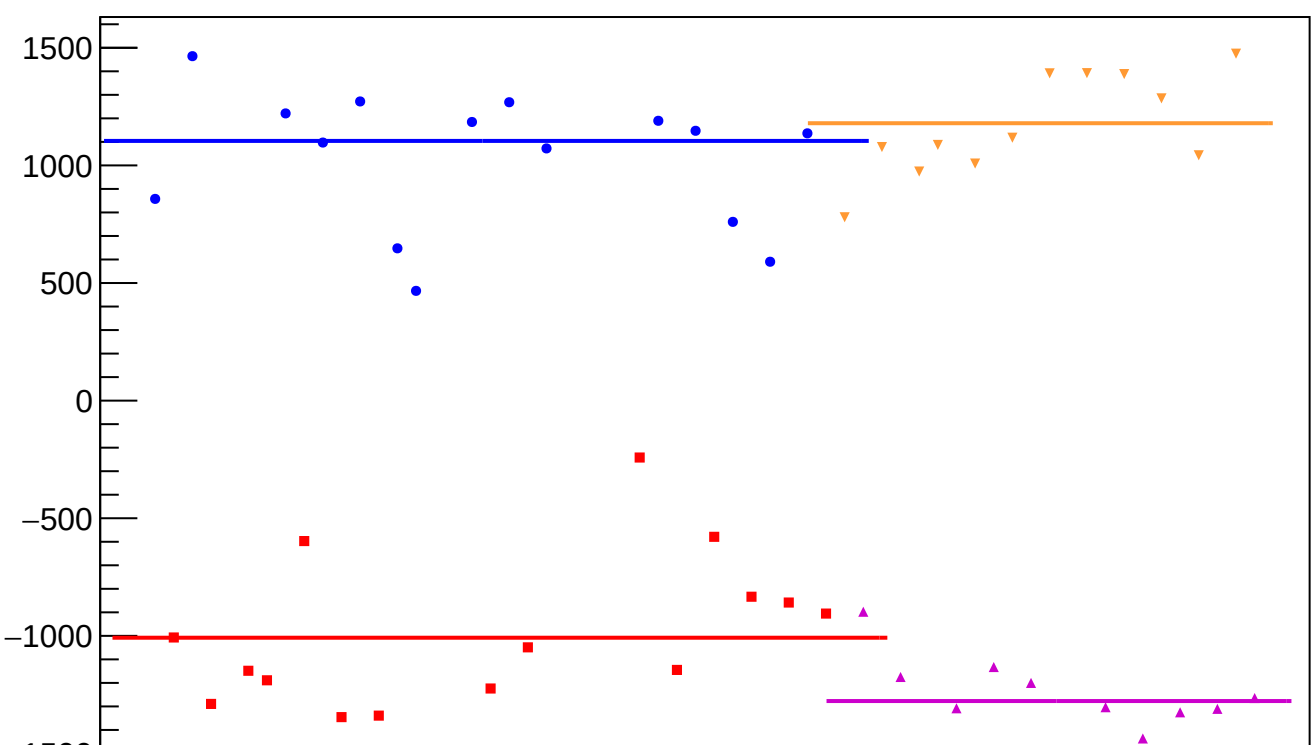
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.880+/-0.000 χ^2/NDF:1003225780915381

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.576+/-0.000 χ^2/NDF: 2044639421545

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

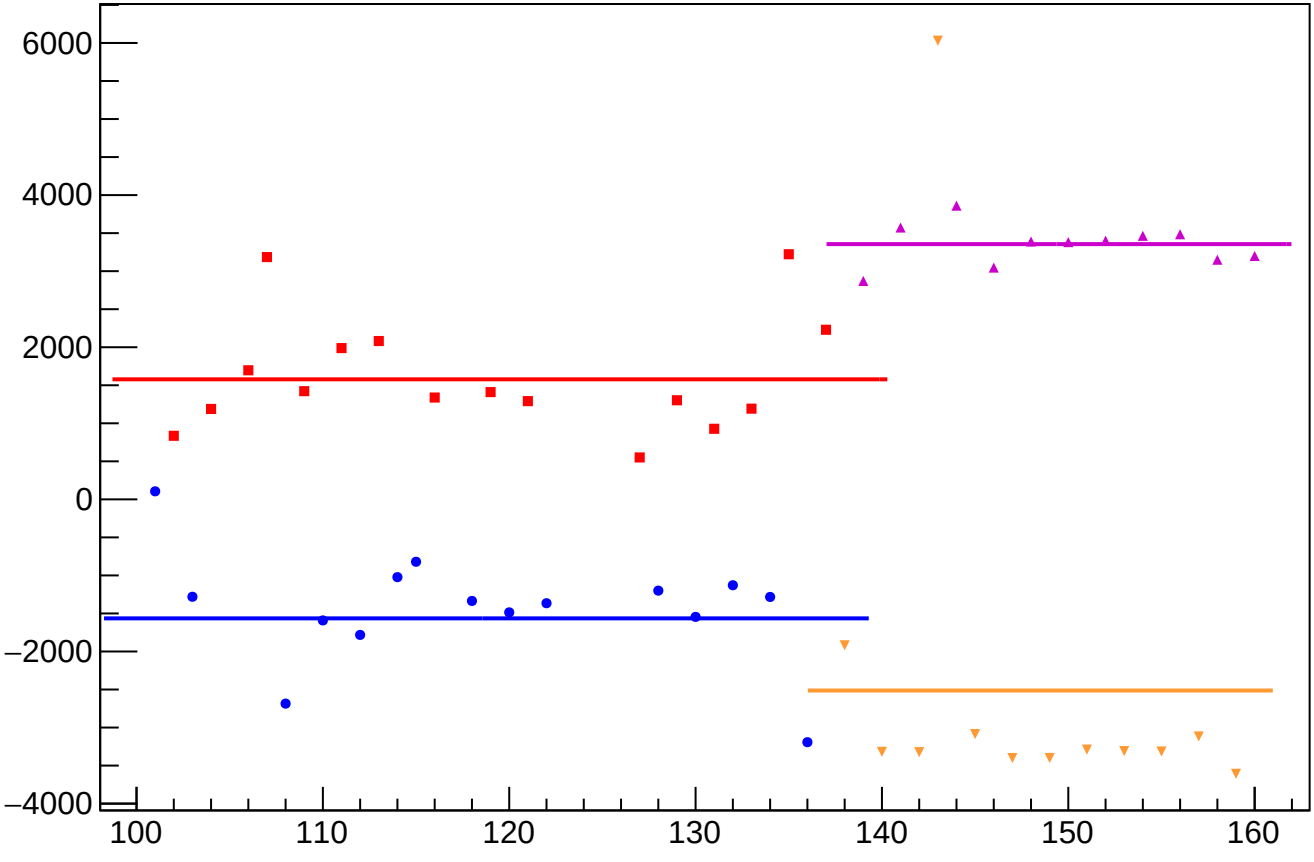
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

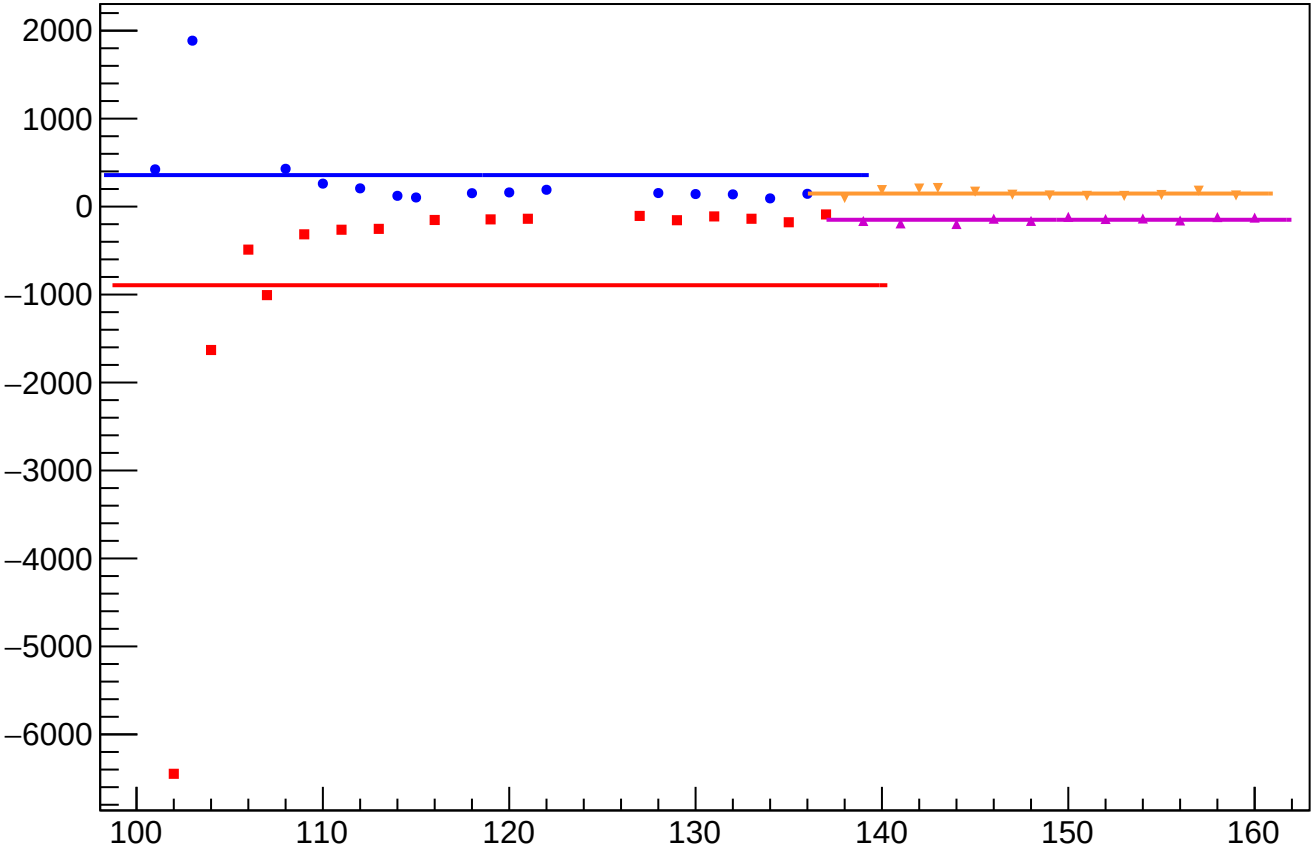
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



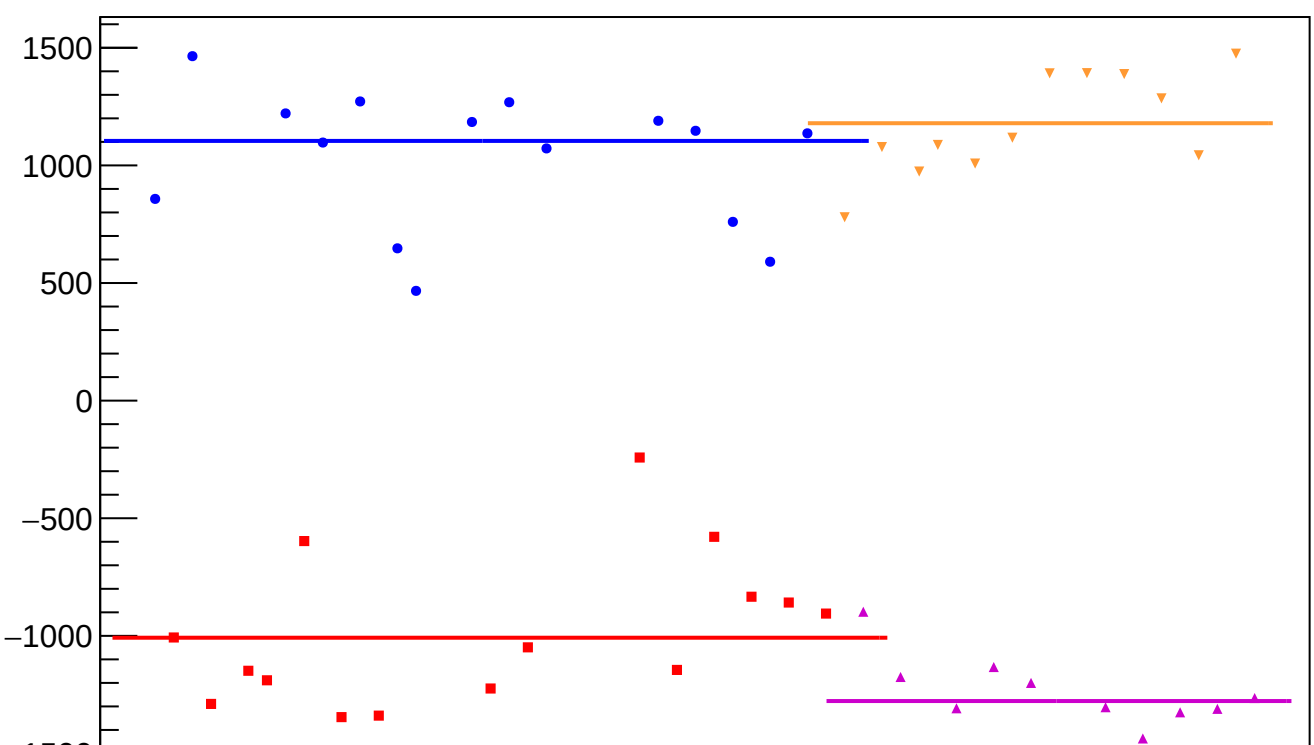
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
Out: -787.099+/-0.000 χ^2/NDF:122542710245159
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.599+/-0.000 χ^2/NDF: 25548755731

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.546+/-0.000 χ^2/NDF: 42591718488855068
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 148.359+/-0.000 χ^2/NDF:10902863317333660825812569708078039 04.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039 05024.0/15
Out: -291.353+/-0.000 χ^2/NDF:249588983045036
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.258+/-0.000 χ^2/NDF: 28499930865

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

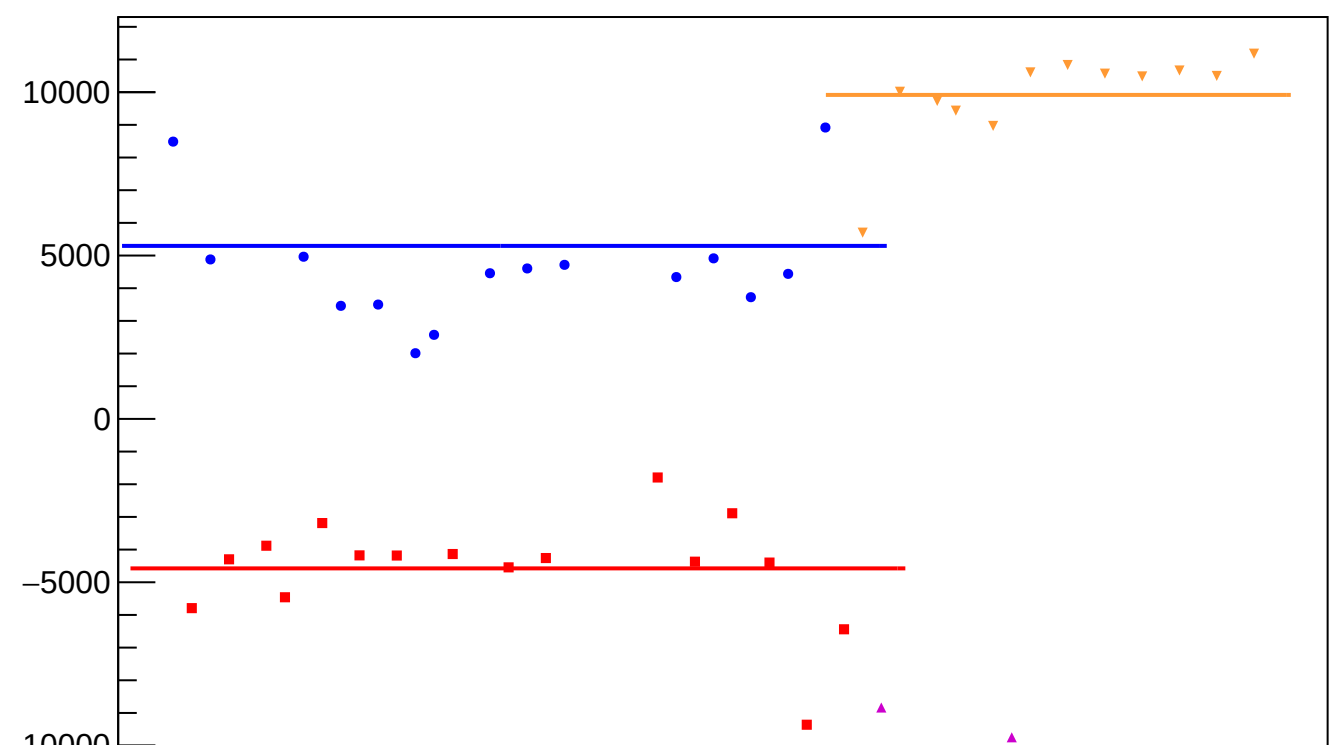
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -394.633+/-0.000 χ^2/NDF: 195607955774954

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

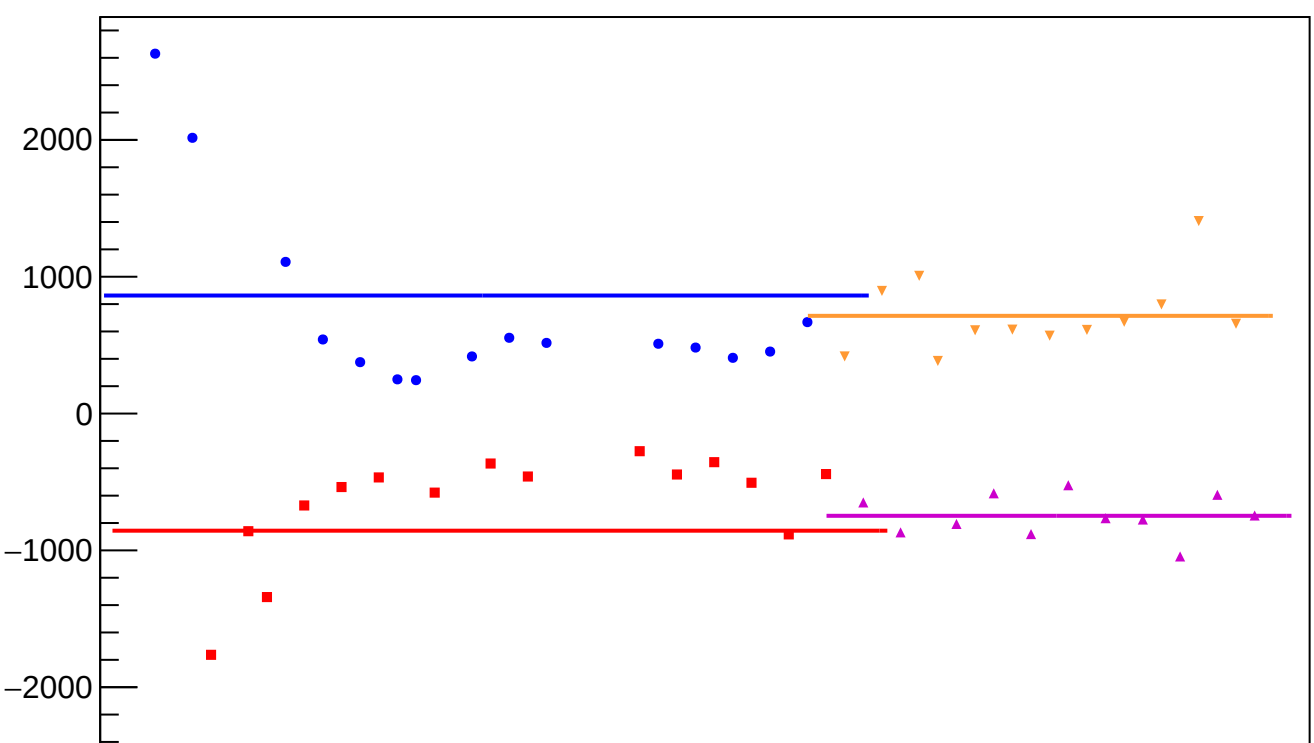
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

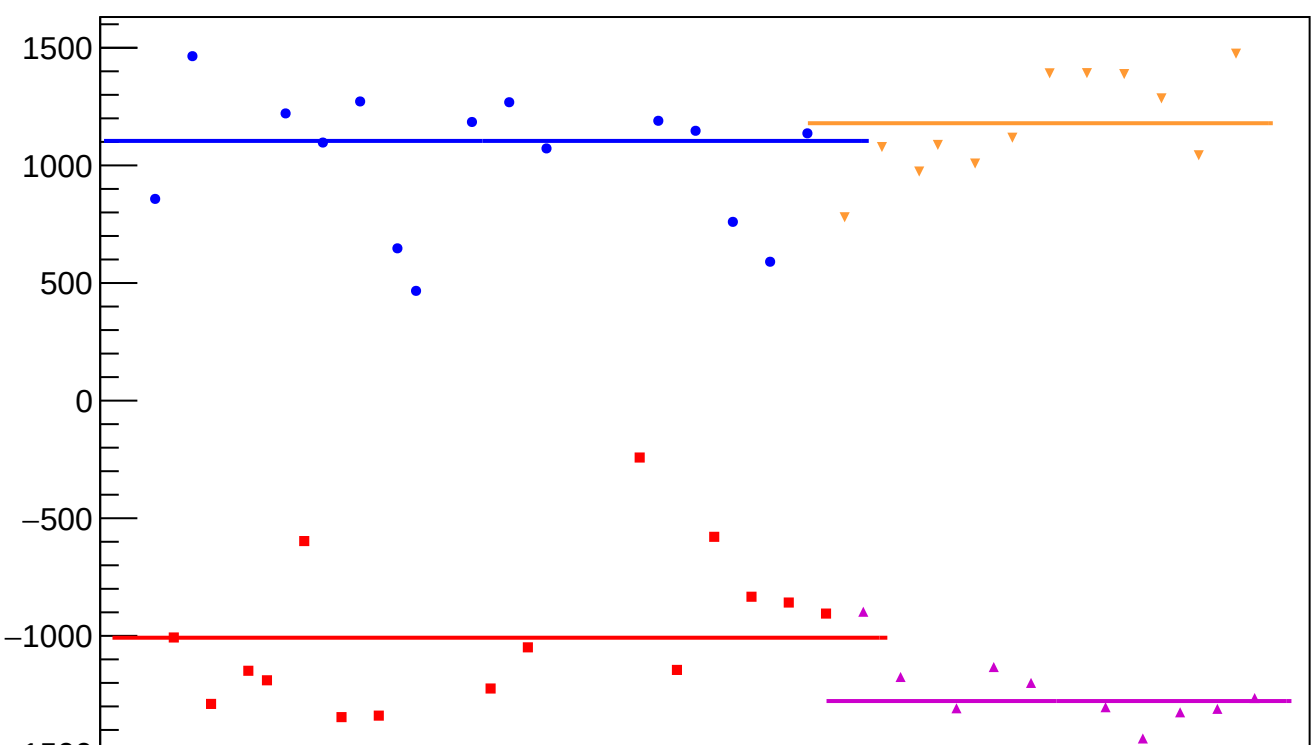
All: -107.886+/-0.000 χ^2/NDF: 23238819396

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.503+/-0.000 χ^2/NDF: 1065064961511877
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.744+/-0.000 χ^2/NDF:1341942923565859 5
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.471+/-0.000 χ^2/NDF: 270176391125

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

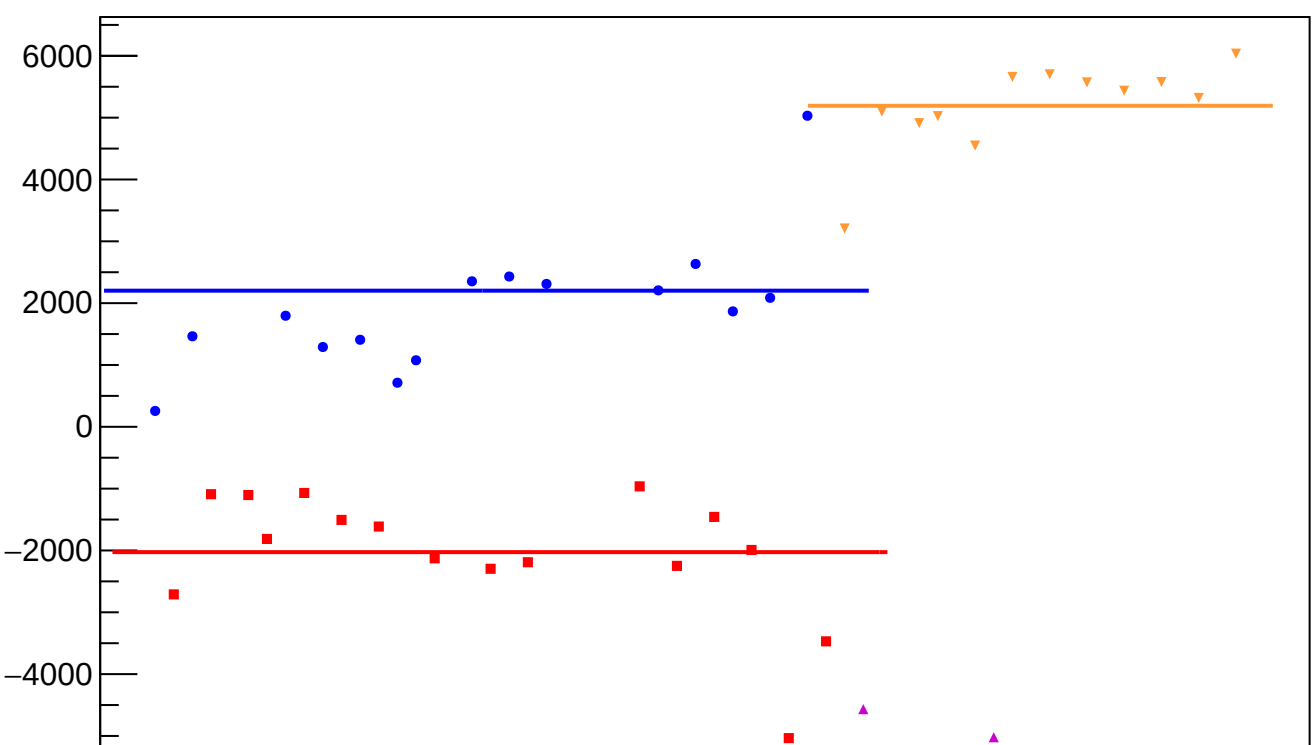
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

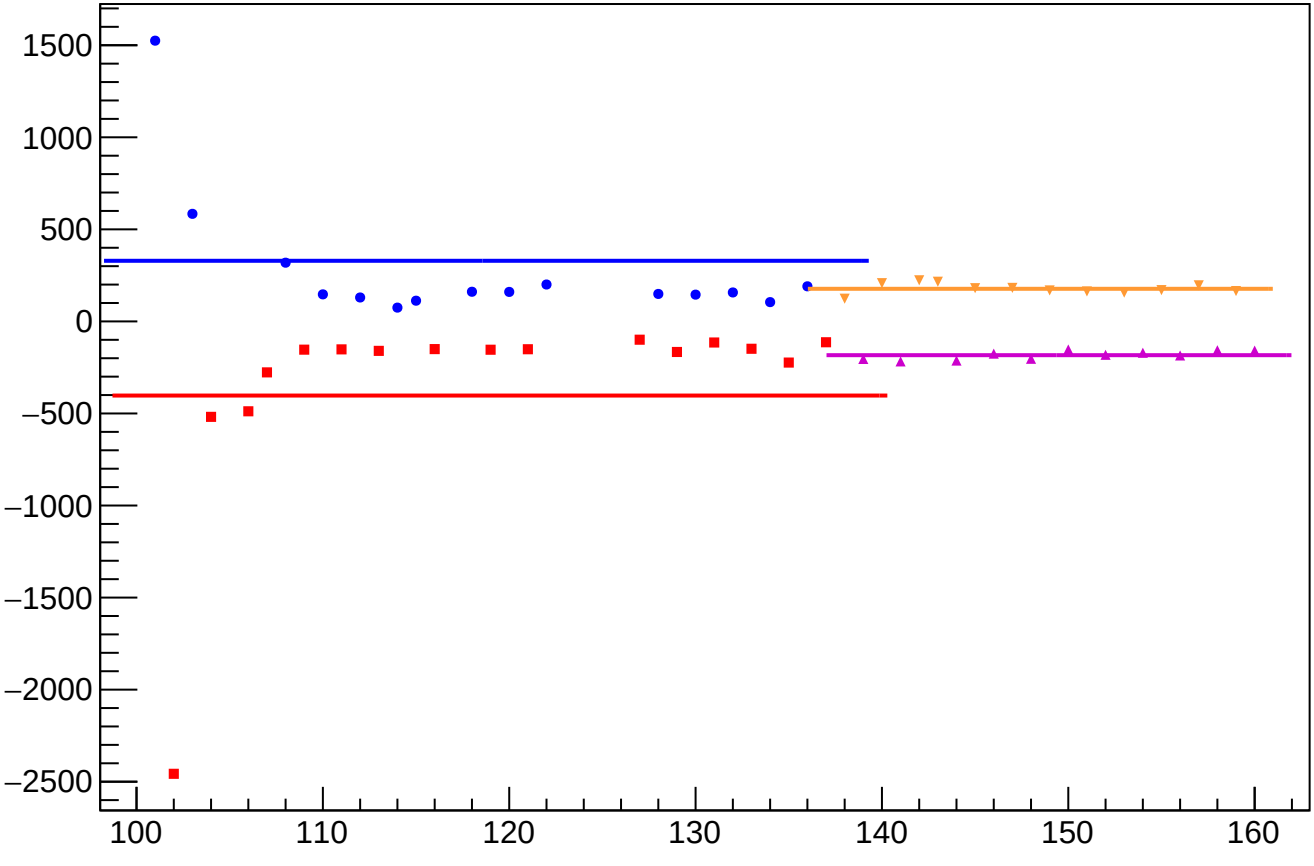
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -172.148+/-0.000 χ^2/NDF: 529181779614152
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2146.701+/-0.000 χ^2/NDF:212767096674295
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.903+/-0.000 χ^2/NDF: 606365125250

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.136+/-0.000 χ^2/NDF: 60775791706189373

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

In: 28.098+/-0.000 χ^2/NDF:203925218655573400

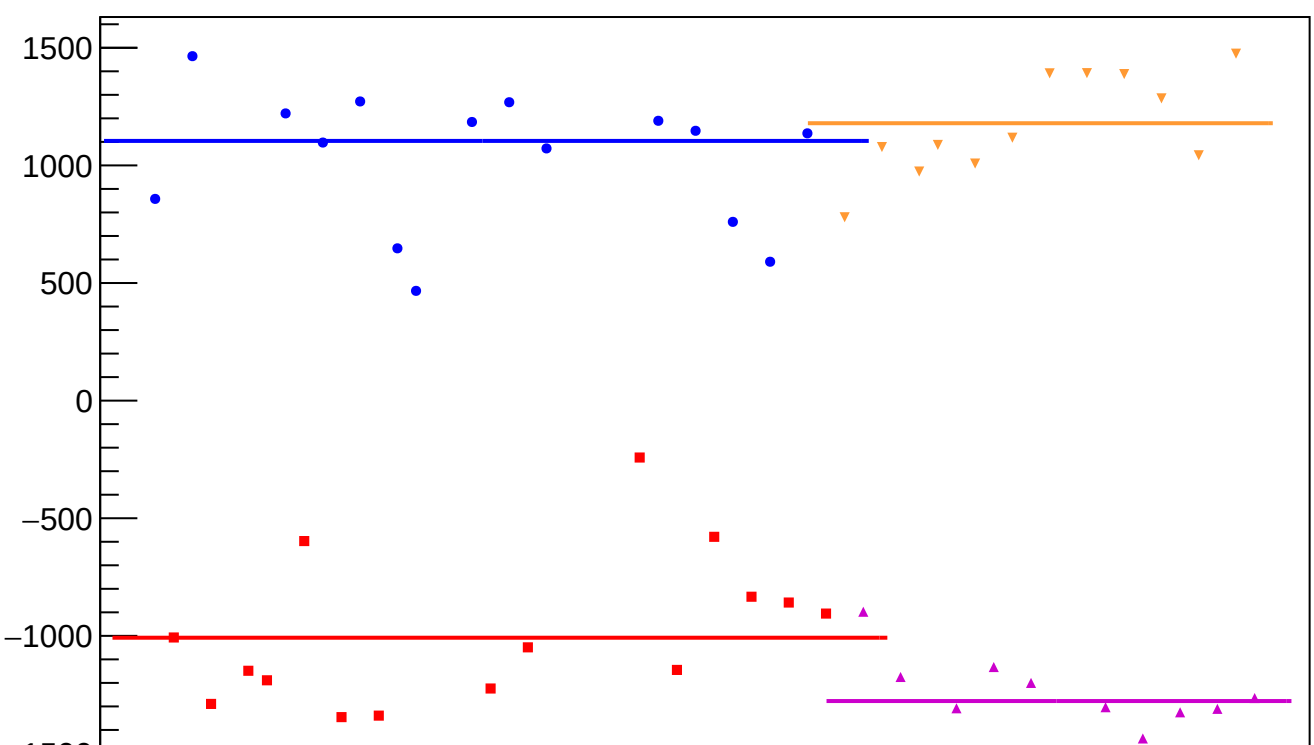
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.504+/-0.000 χ^2/NDF:4078634459098727

Left In: -183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

All: -19.824+/-0.000 χ^2/NDF: 618995356861

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

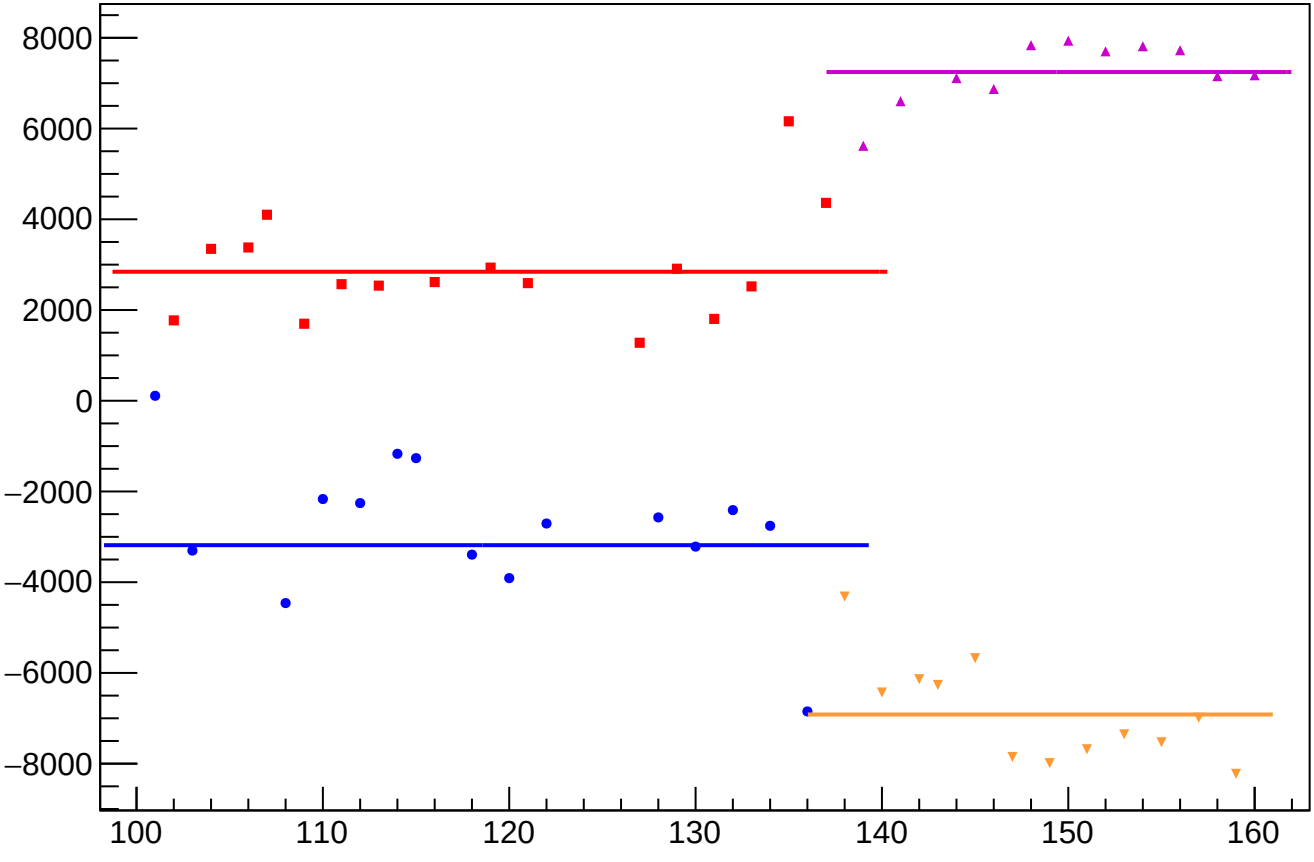
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.352+/-0.000 χ^2/NDF: 9367664182142015

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336

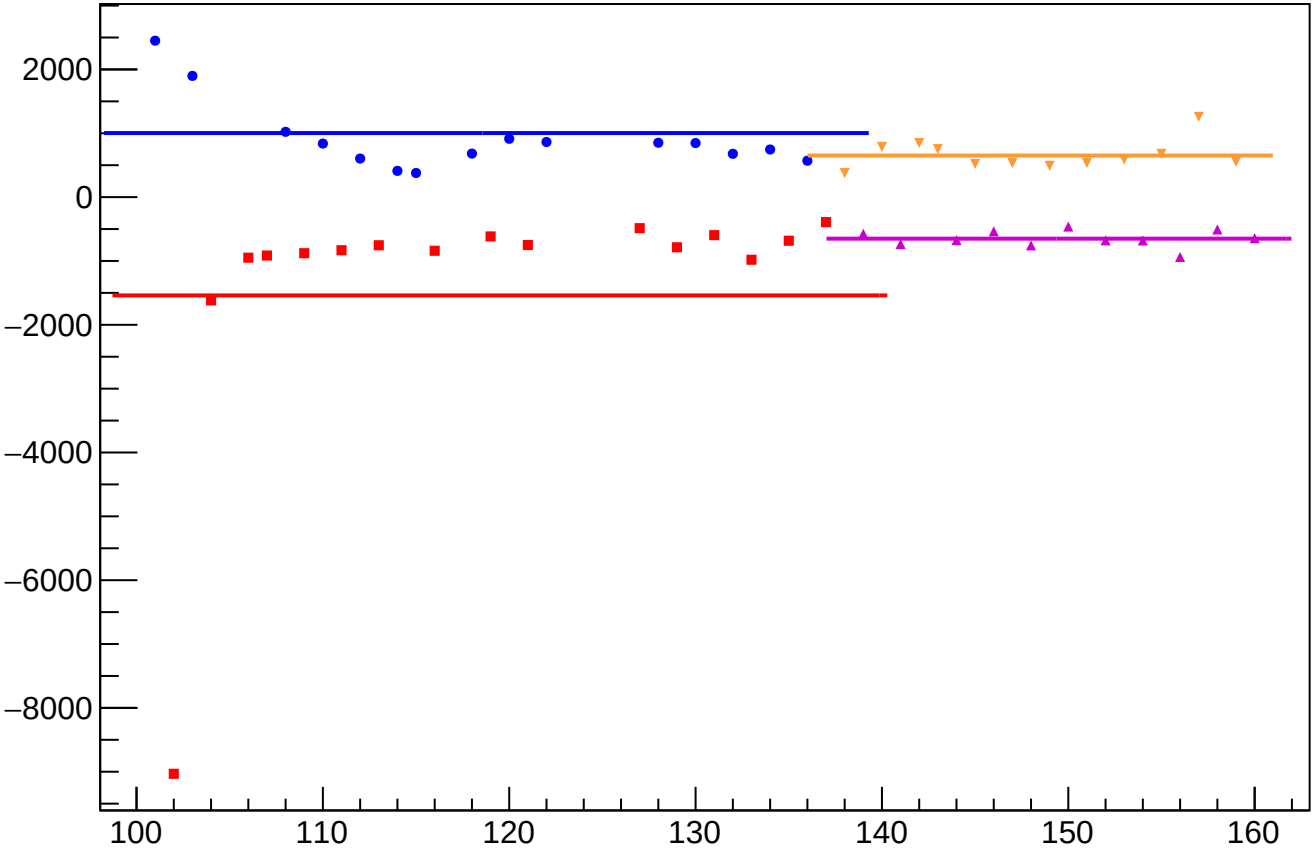
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2798.729+/-0.000 χ^2/NDF:38794467171221

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.702+/-0.000 χ^2/NDF: 1087940046919

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.137+/-0.000 χ^2/NDF: 83969979485831992

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

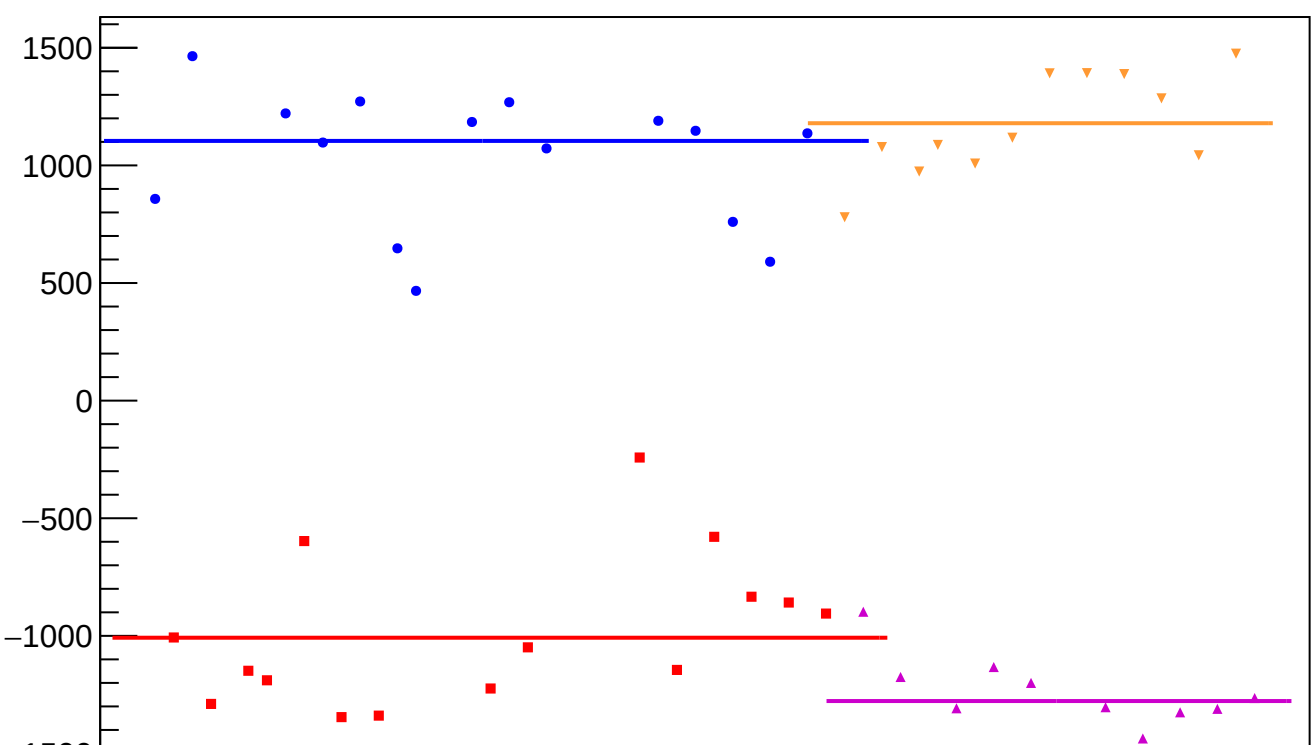
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.831+/-0.000 χ^2/NDF:551168647234999

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.940+/-0.000 χ^2/NDF: 68625749232

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

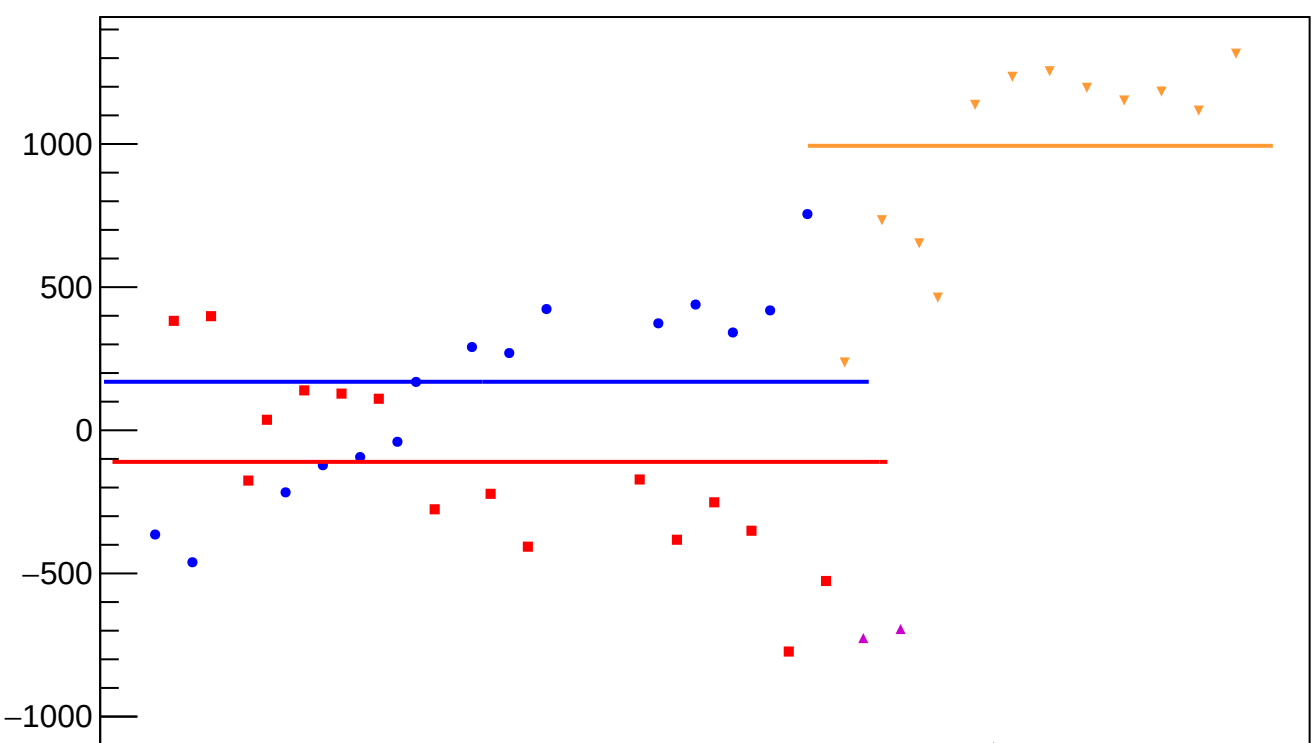
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.985+/-0.000 χ^2/NDF: 2171788673126913

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

In: -582.219+/-0.000 χ^2/NDF:7538236455803364

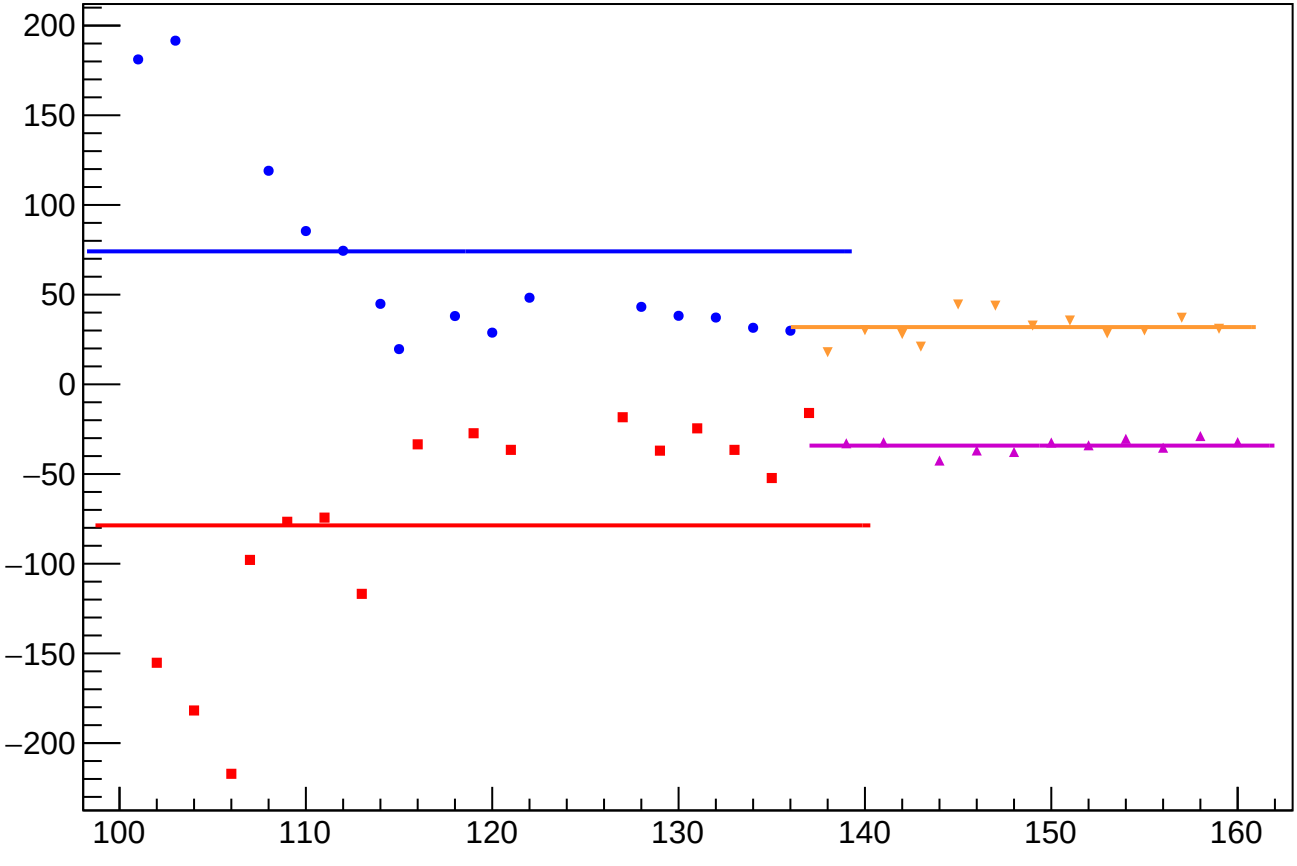
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 527.933+/-0.000 χ^2/NDF:645595104234672 9

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.735+/-0.000 χ^2/NDF: 23711880773 7

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.301+/-0.000 χ^2/NDF: 20709383858678459

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

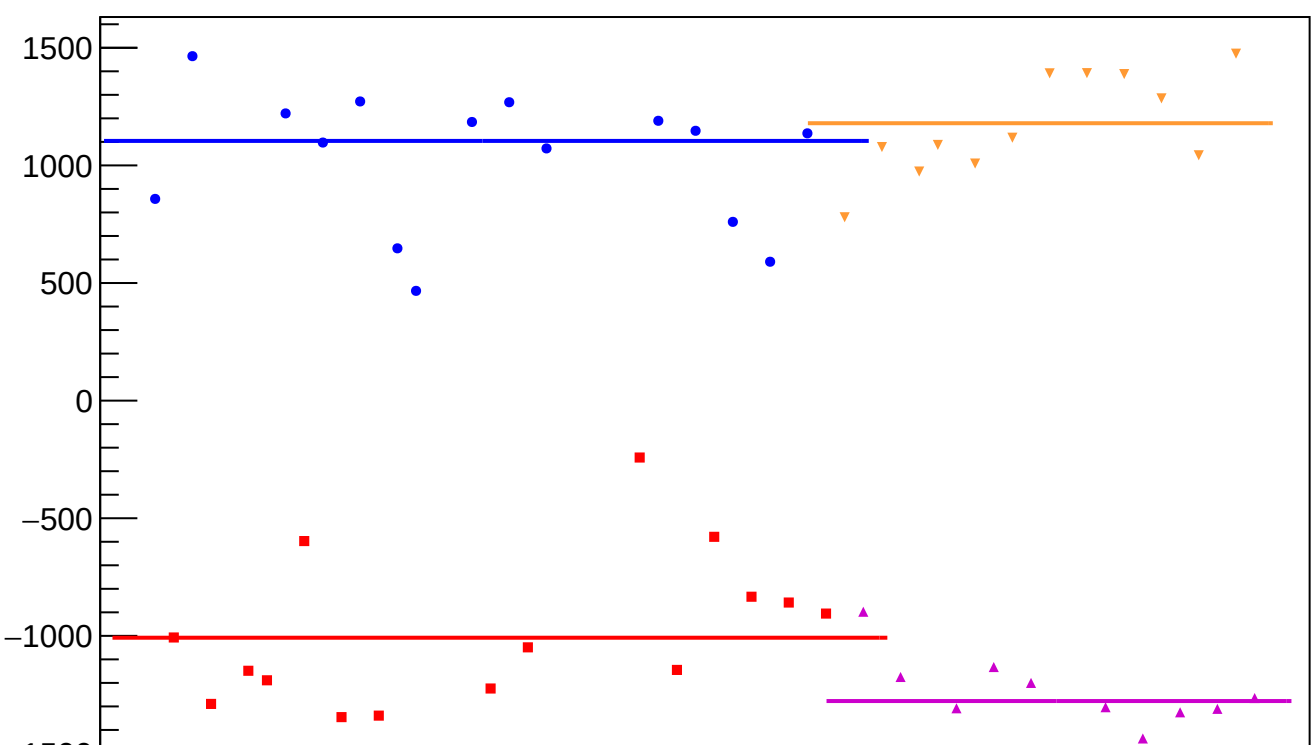
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -14.723+/-0.000 χ^2/NDF:7108066763798732

Left In: -34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

All: -2.134+/-0.000 χ^2/NDF: 1426173775487

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

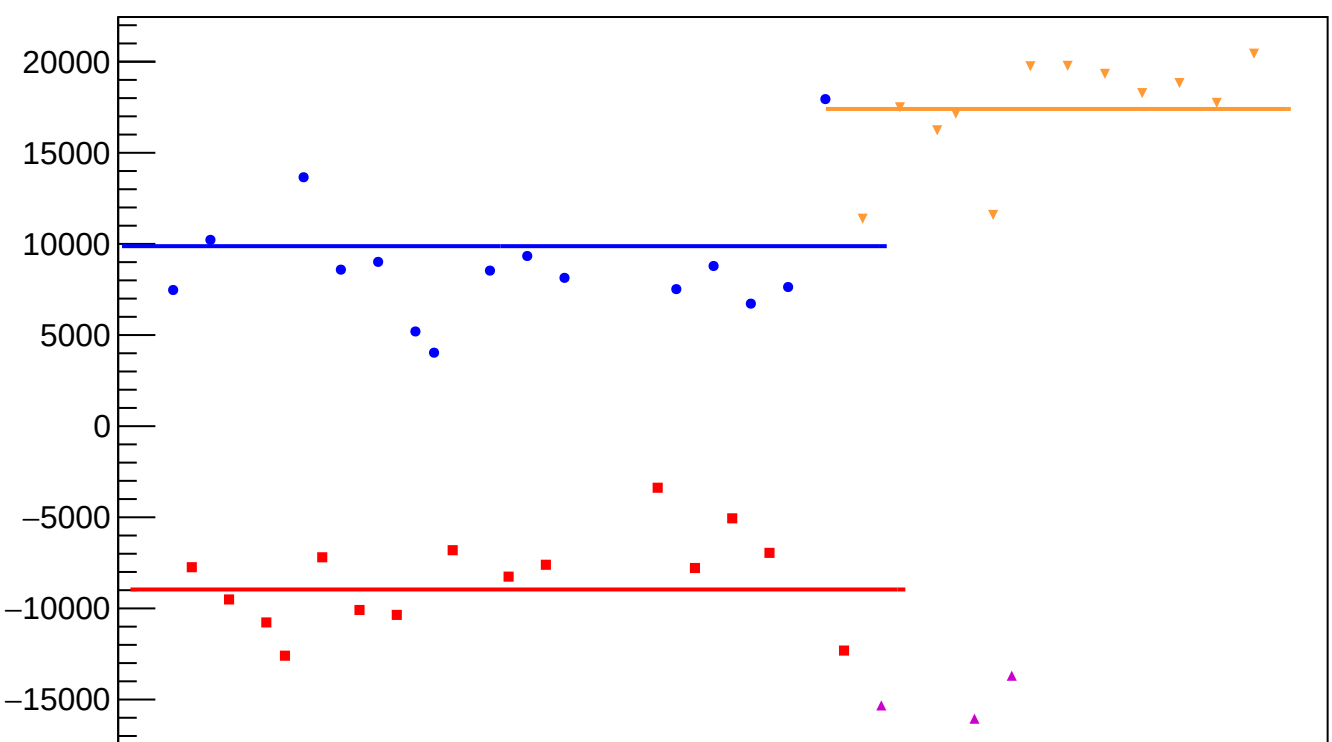
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.952+/-0.000 χ^2/NDF: 586010235145189

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17405.049+/-0.000 χ^2/NDF:76898016710993787915445454221756648652 80.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

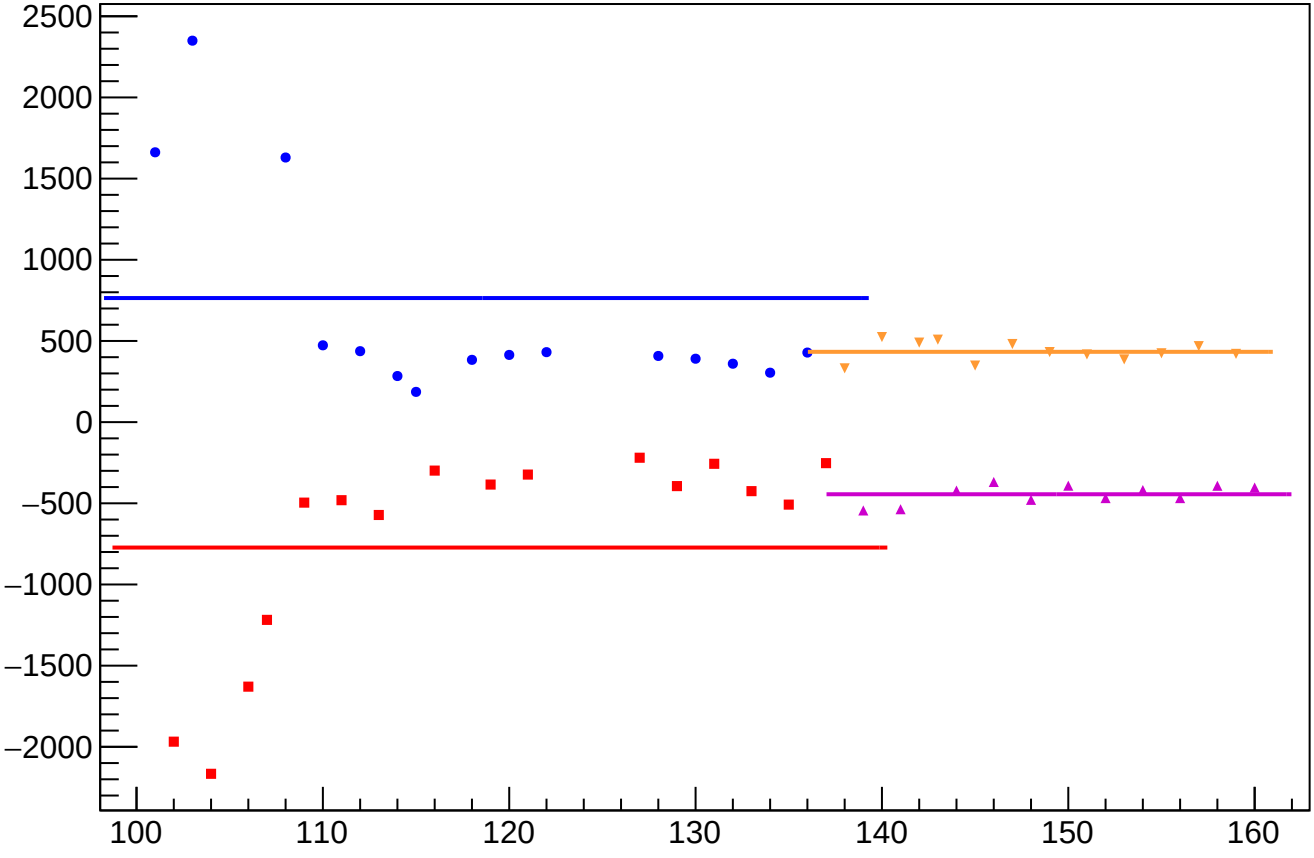
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

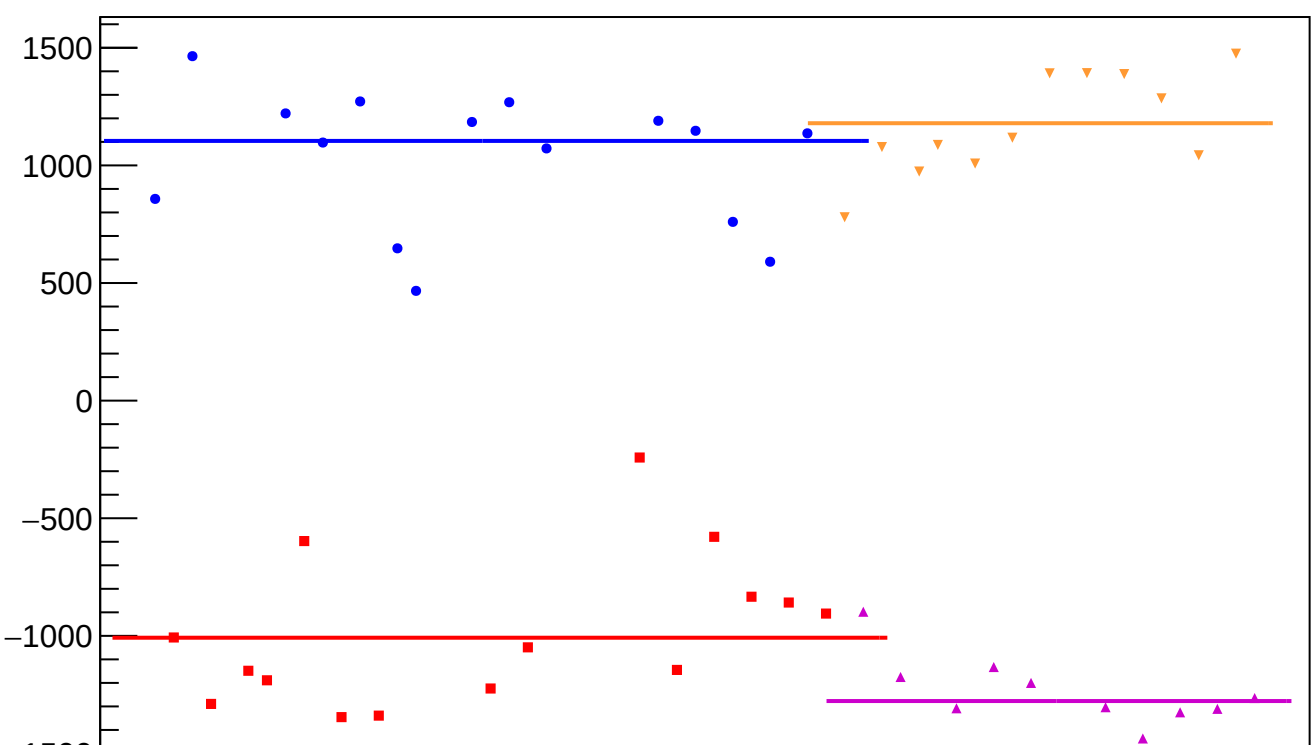
All: -81.381+/-0.000 χ^2/NDF: 719188962323

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.970+/-0.000 χ^2/NDF: 35964203749323128
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.557+/-0.000 χ^2/NDF:8494595605470363
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124172 8.0/10
All: -10.754+/-0.000 χ^2/NDF: 171344684046

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

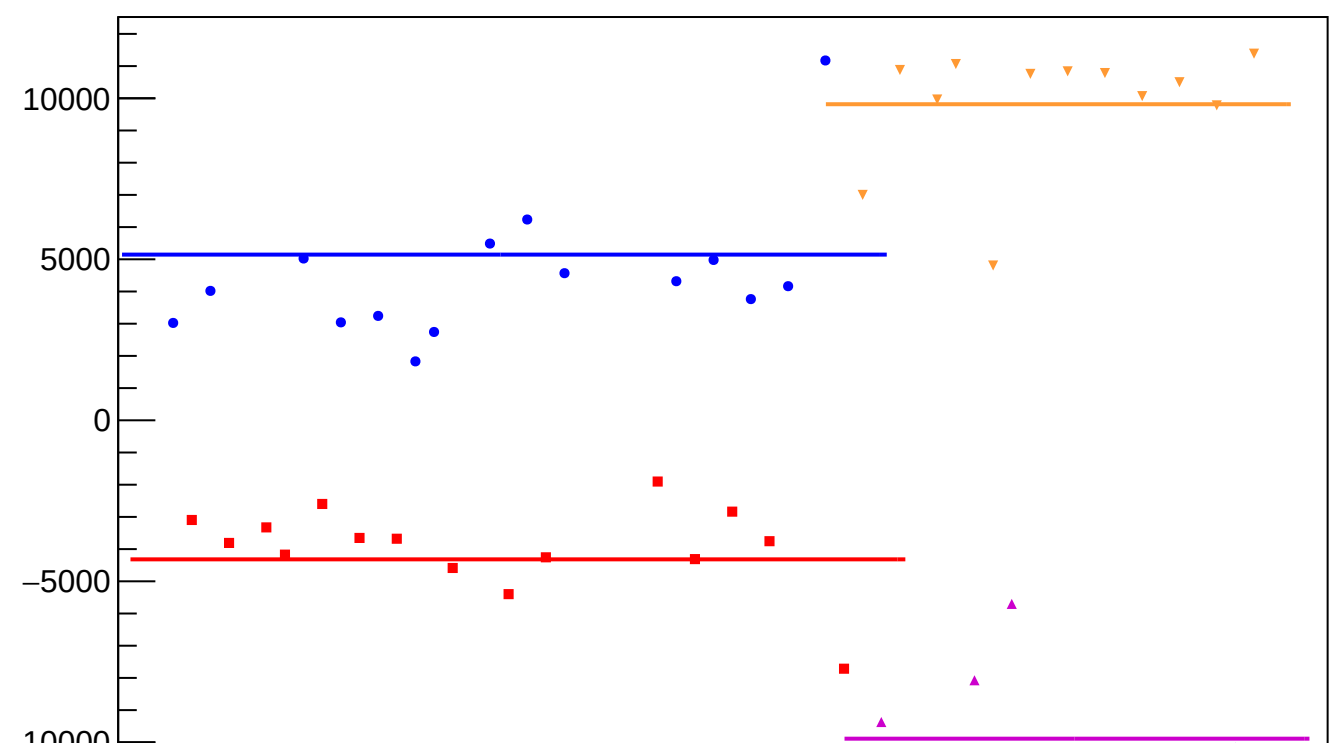
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.265+/-0.000 χ^2/NDF: 1838935043265731

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

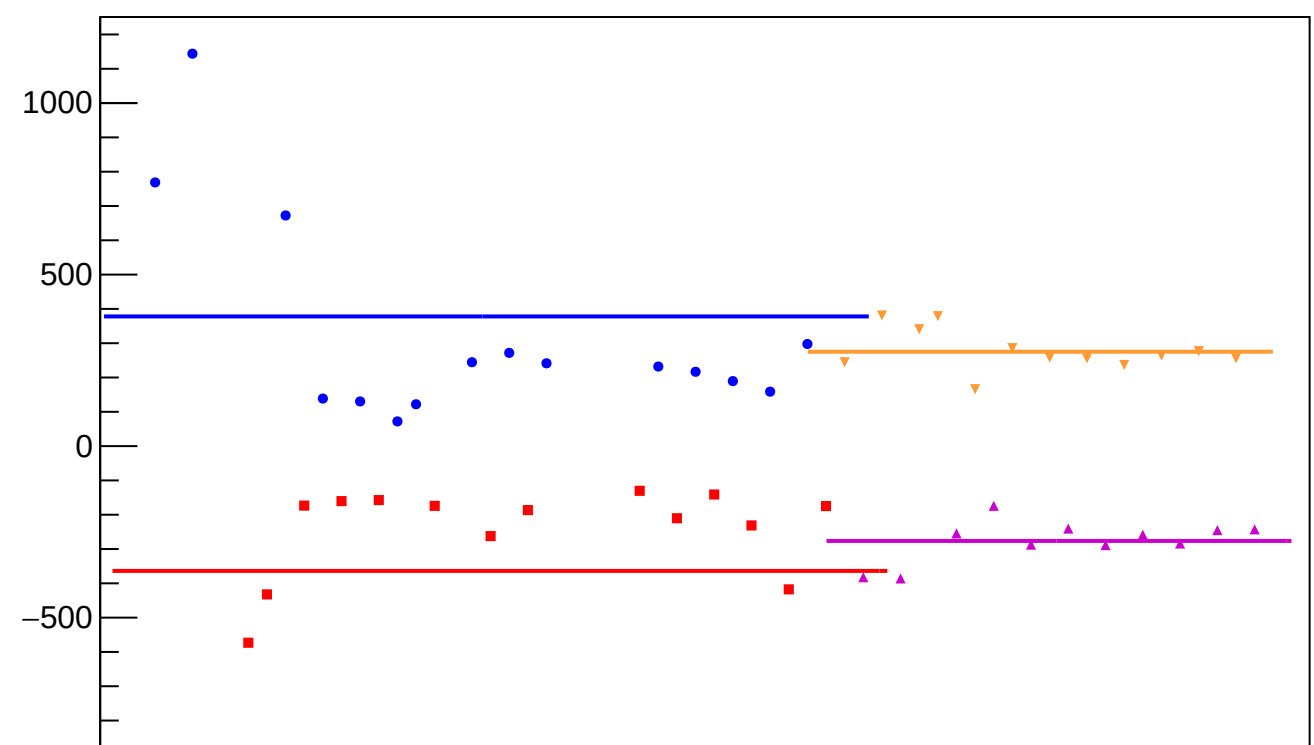
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3852.873+/-0.000 χ^2/NDF:836176493055076

Left In: -9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734771 2.0/10

All: 93.618+/-0.000 χ^2/NDF: 2211196592737

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.125+/-0.000 χ^2/NDF: 14605036869185649

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 275.181+/-0.000 χ^2/NDF:30639739248384837526480238564951982 08.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

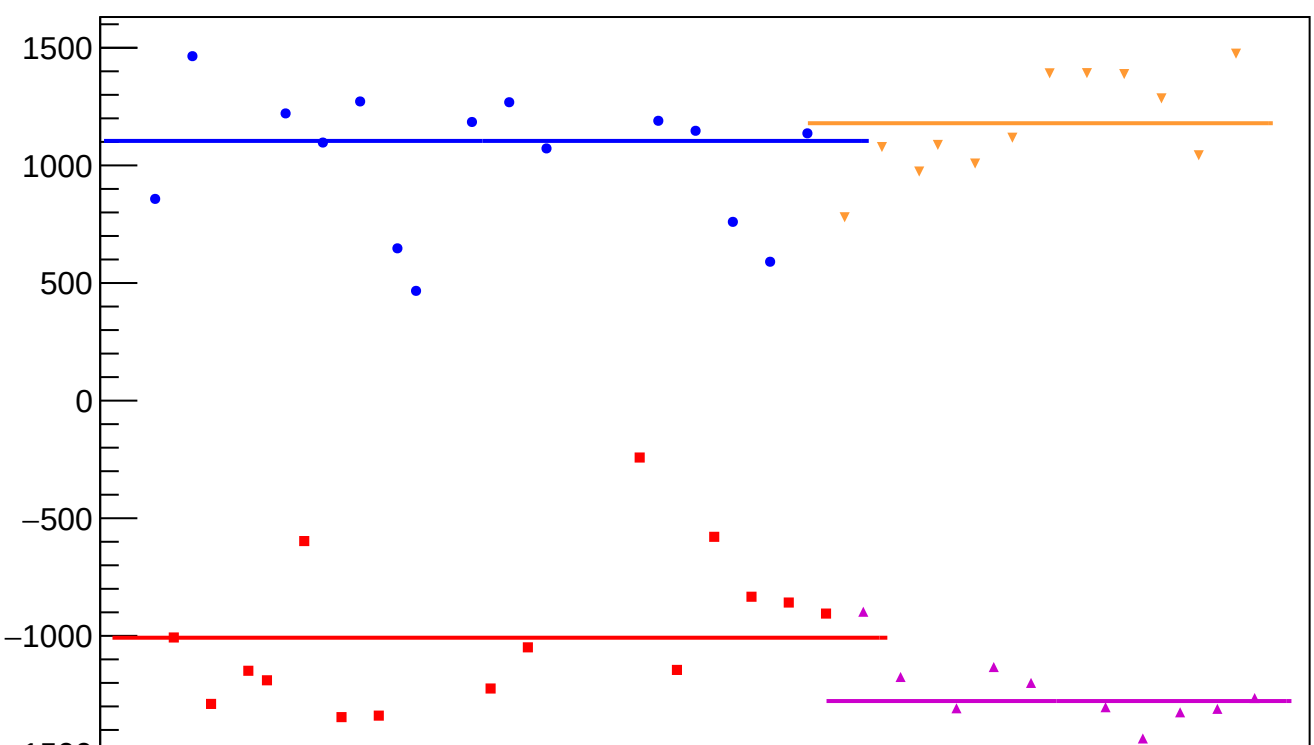
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.616+/-0.000 χ^2/NDF:21952216327772997 4

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4476277184699

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

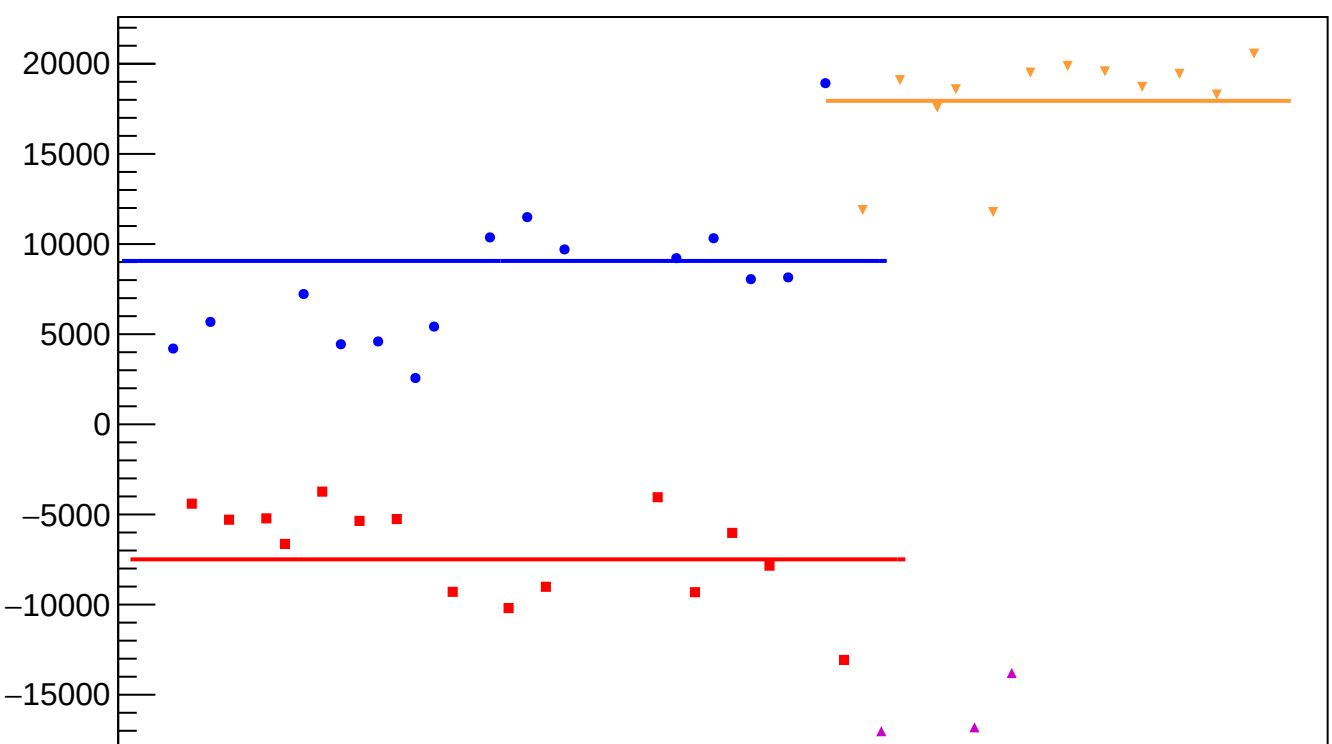
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

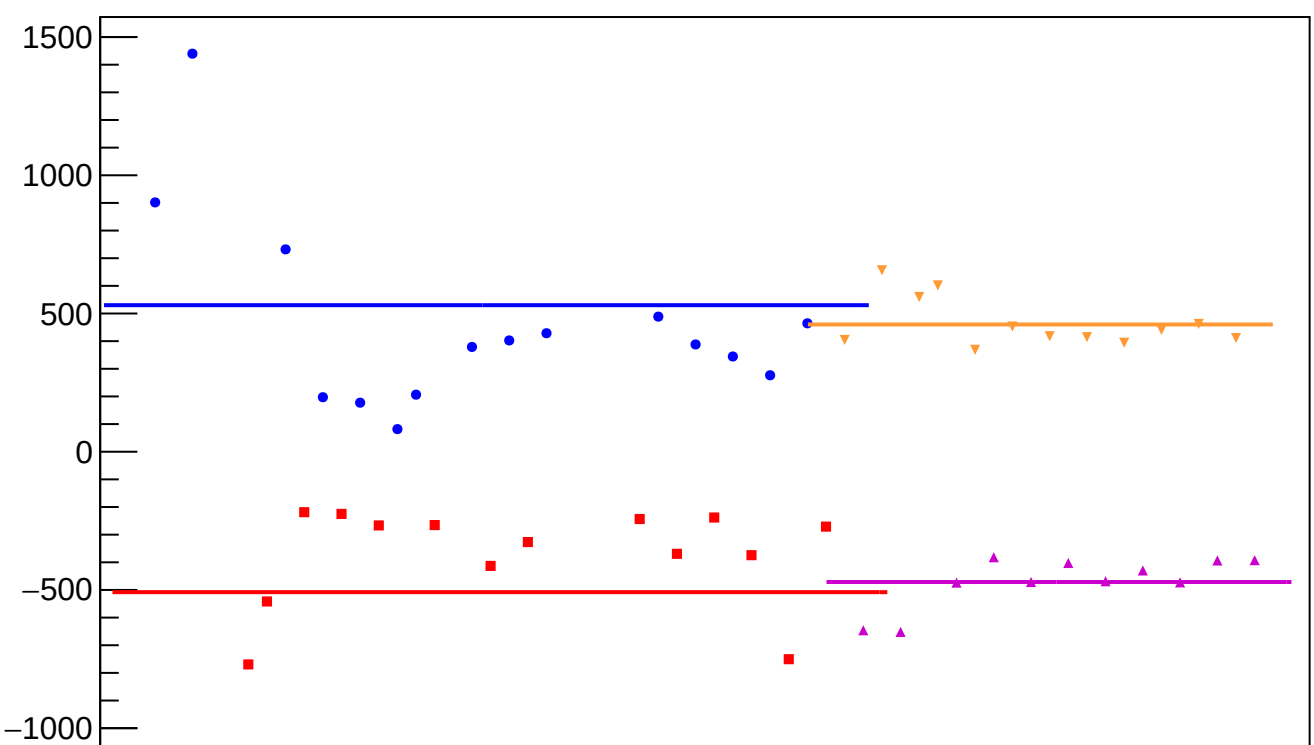
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -415.014+/-0.000 χ^2/NDF: 623613646313618
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7213.447+/-0.000 χ^2/NDF:267017454267877
Left In: -18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10
All: 38.990+/-0.000 χ^2/NDF: 7383790559071

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.988+/-0.000 χ^2/NDF: 41292053384474531

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

In: -58.105+/-0.000 χ^2/NDF:46840539671479809

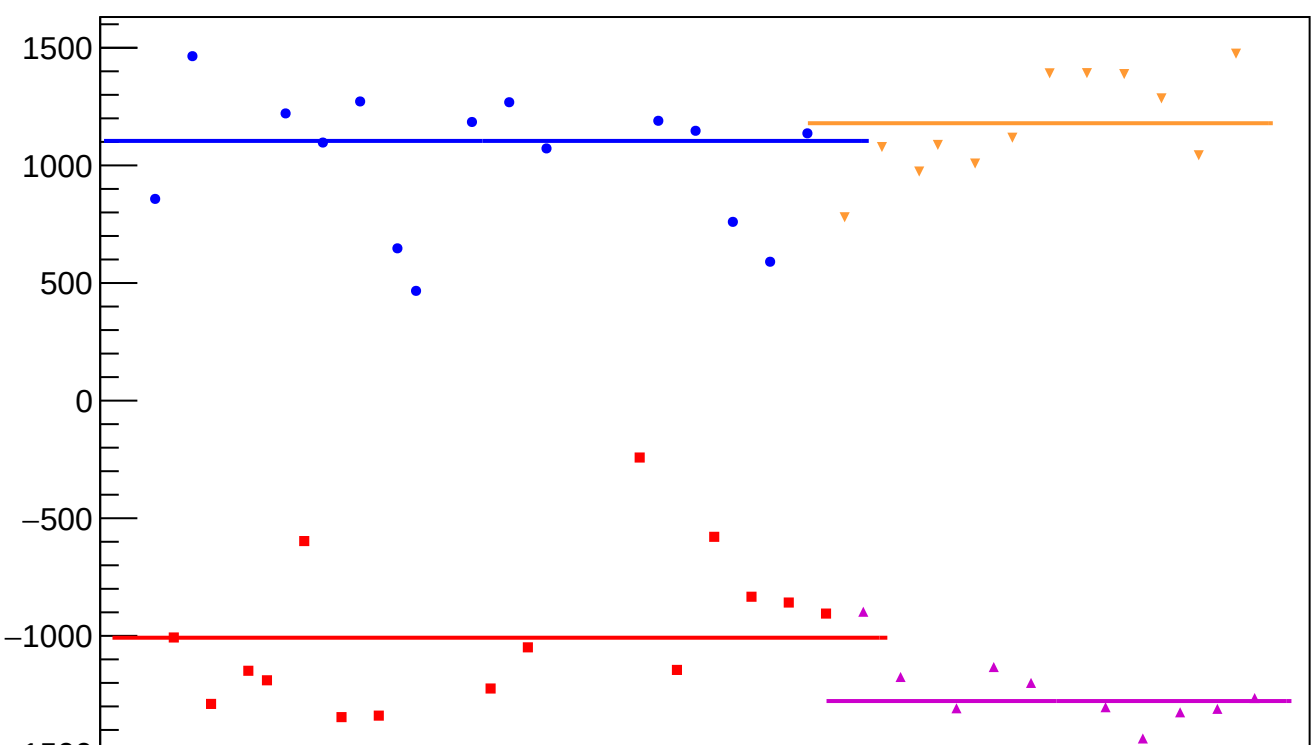
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: 51.802+/-0.000 χ^2/NDF:44498677720954542

Left In: -471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

All: -3.012+/-0.000 χ^2/NDF: 9229168077860

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

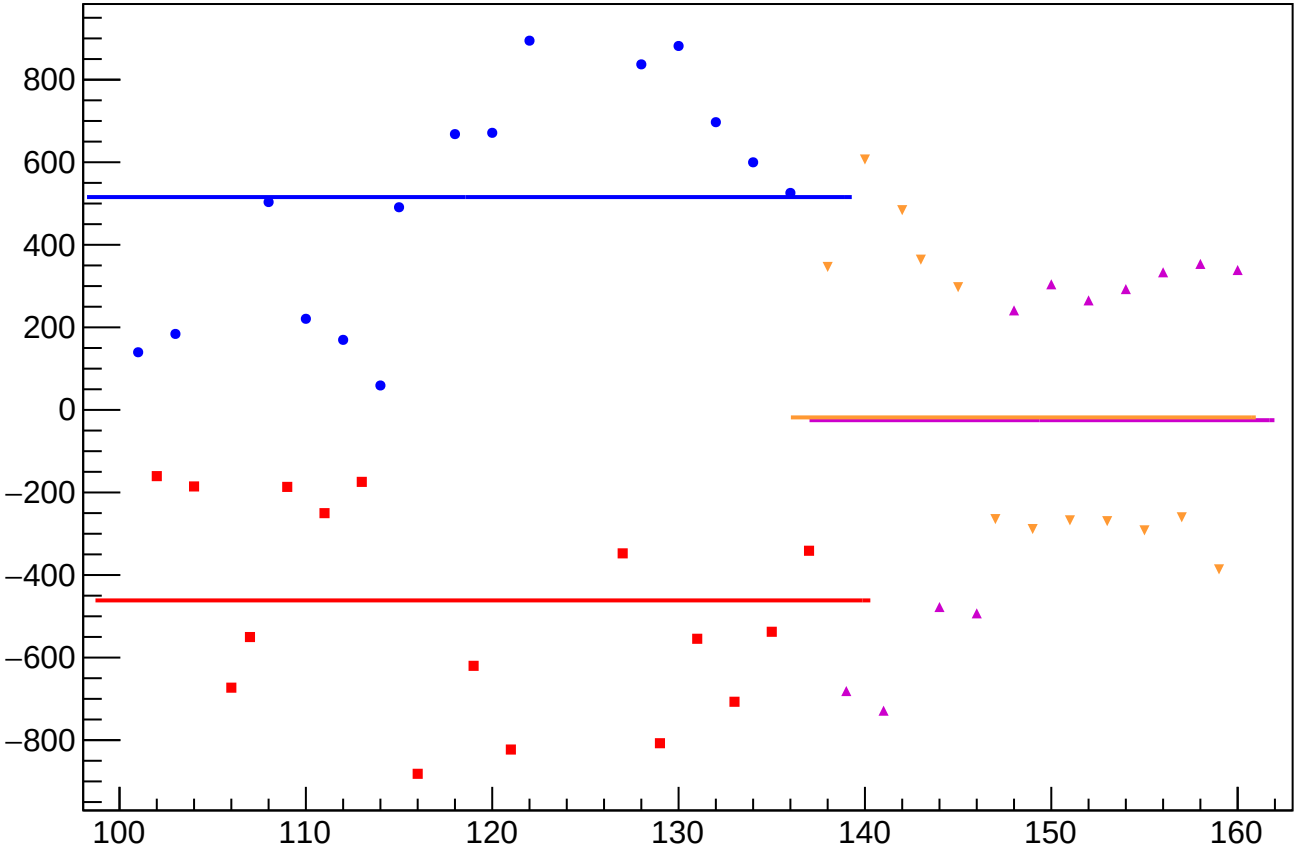
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

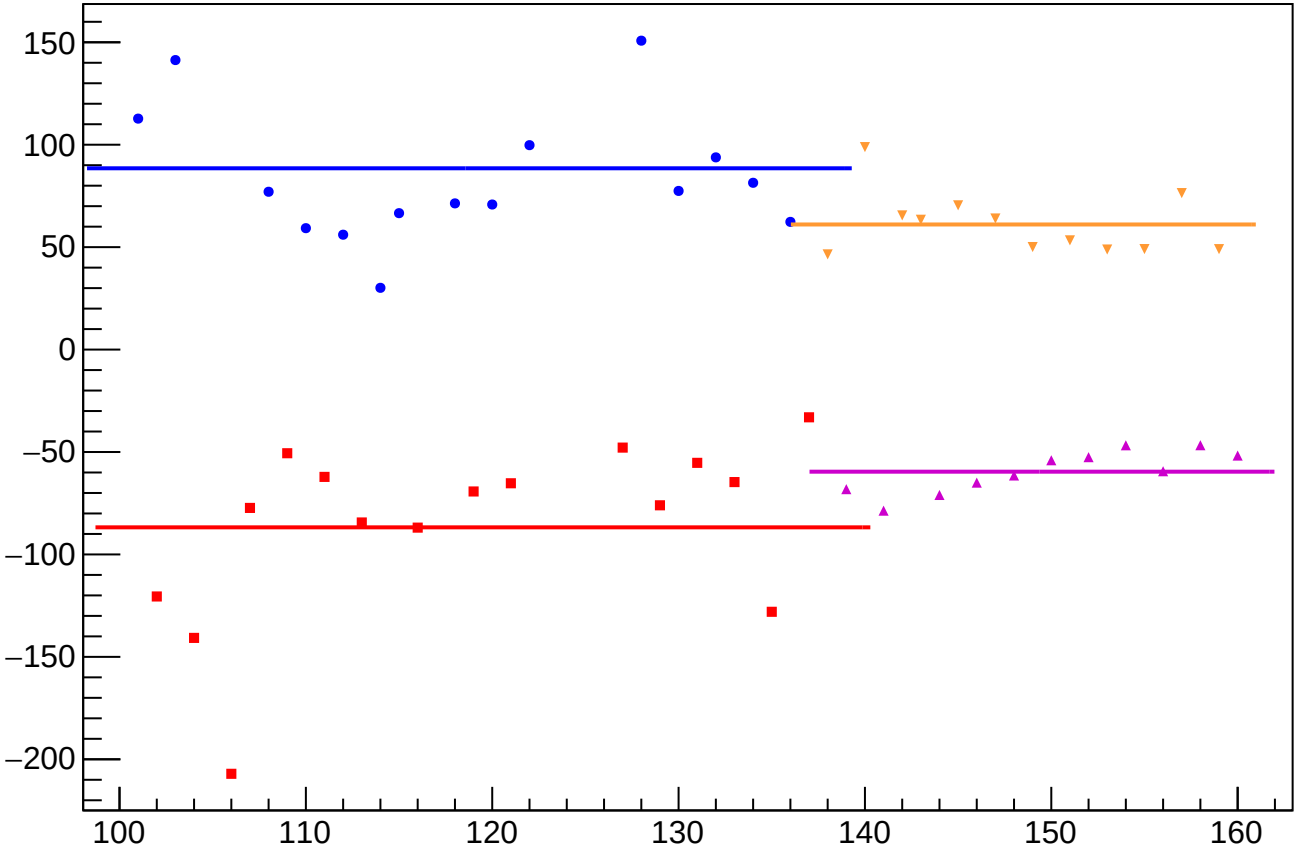
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.540+/-0.000 χ^2/NDF: 2912056569899347
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -205.189+/-0.000 χ^2/NDF:230282610229259
Left In: -24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10
All: -4.046+/-0.000 χ^2/NDF: 6955593653745

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.403+/-0.000 χ^2/NDF: 699320951326261037

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.067+/-0.000 χ^2/NDF:211507080213048507647331077961285632.0/11

In: 1.499+/-0.000 χ^2/NDF:909555293268762402

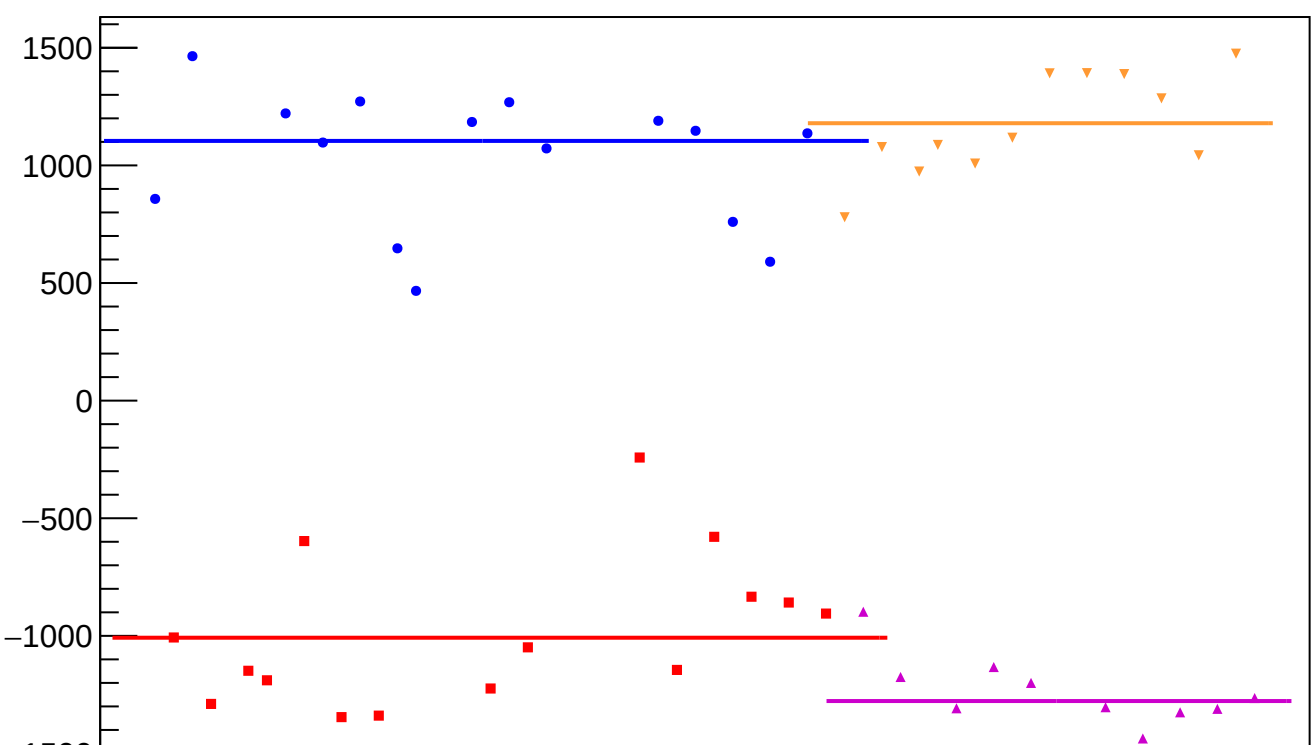
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -1.305+/-0.000 χ^2/NDF:96987555251915958

Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10

All: 0.094+/-0.000 χ^2/NDF: 1880050537184

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

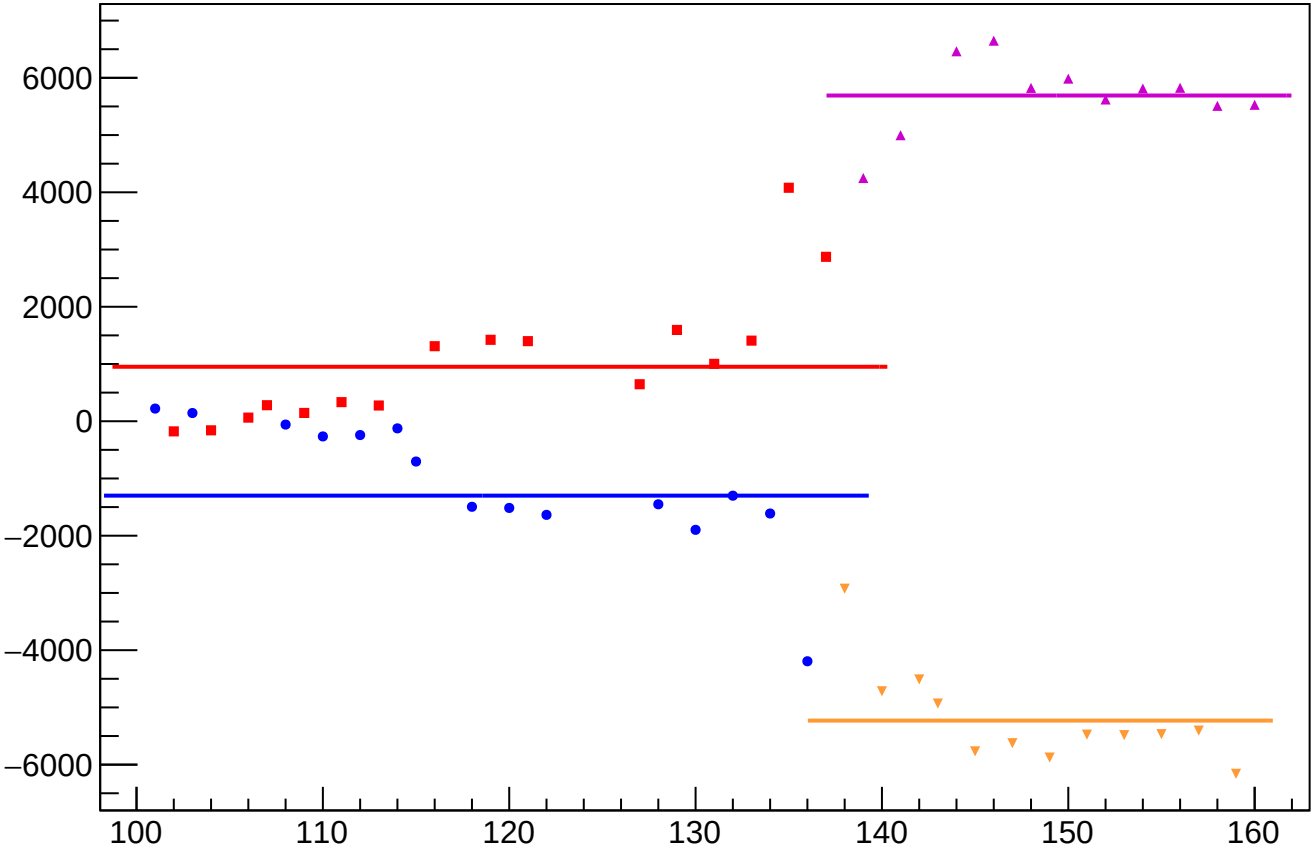
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 260.098+/-0.000 χ^2/NDF: 5578029245557142

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11

In: 2806.606+/-0.000 χ^2/NDF:201868973591481 4

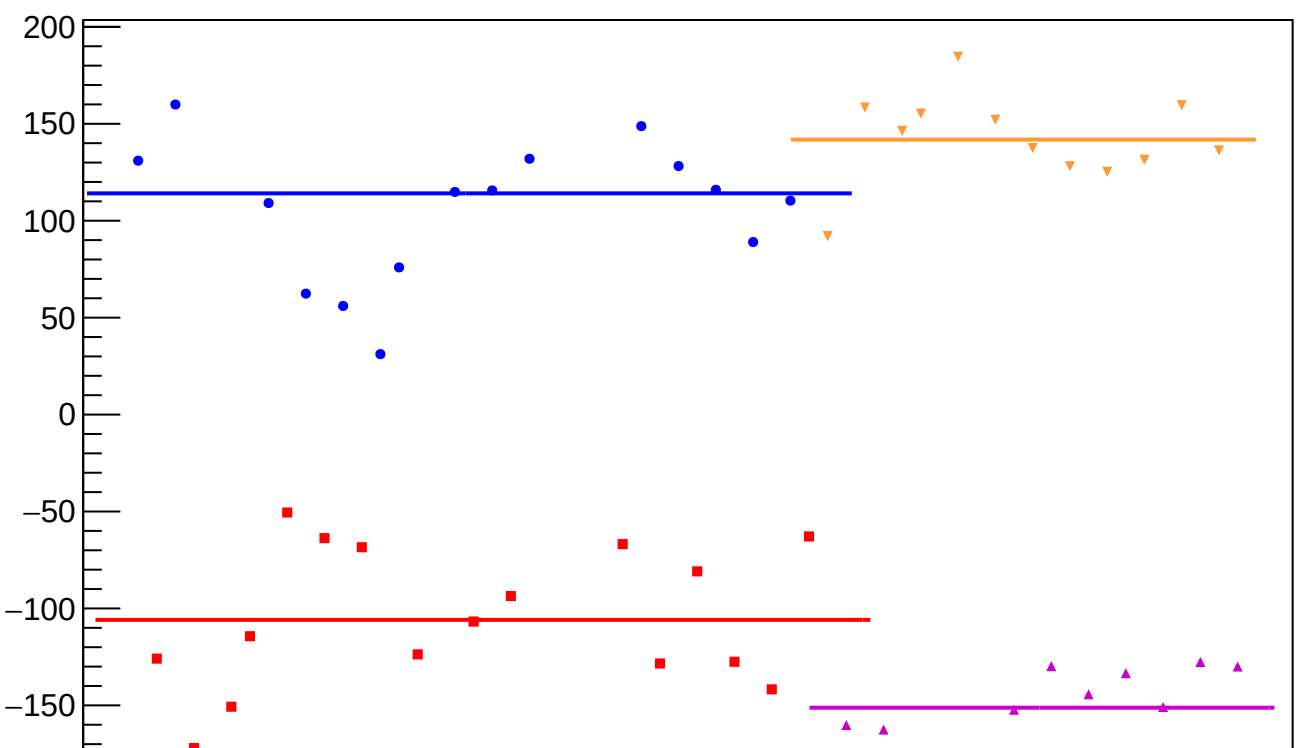
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -2622.043+/-0.000 χ^2/NDF:1619959994130 3

Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

All: 85.397+/-0.000 χ^2/NDF: 5962362698239

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.477+/-0.000 χ^2/NDF: 40296557348706998

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

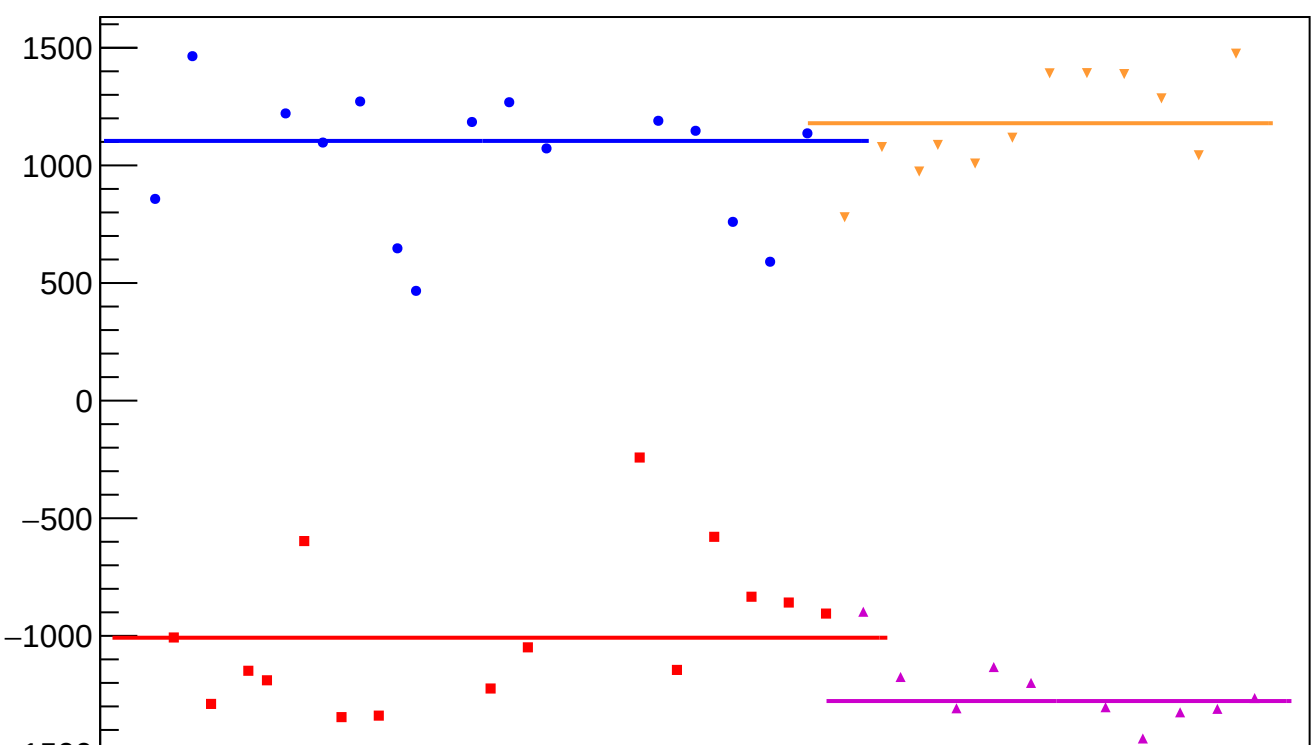
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.329+/-0.000 χ^2/NDF:24972280425229792

Left In: -151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409676 8.0/10

All: -2.103+/-0.000 χ^2/NDF: 5772748991096

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

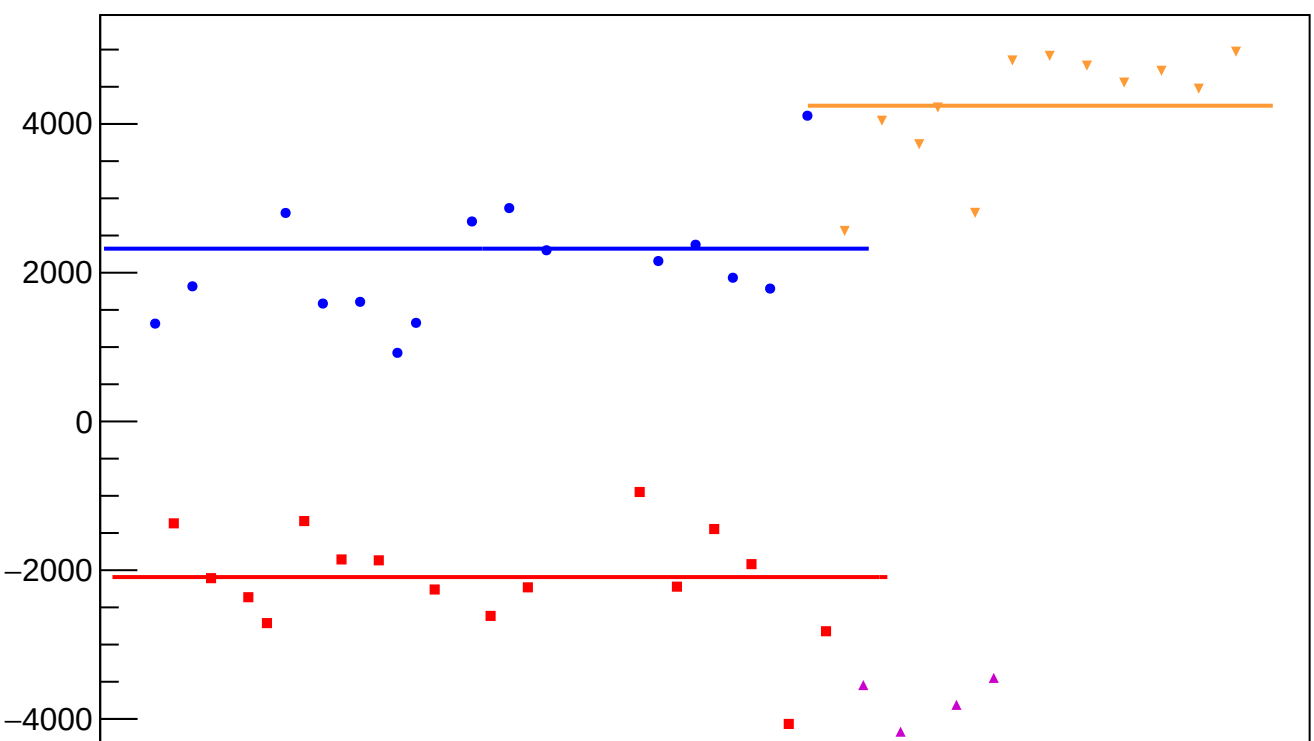
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.908+/-0.000 χ^2/NDF: 3514152812963095

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

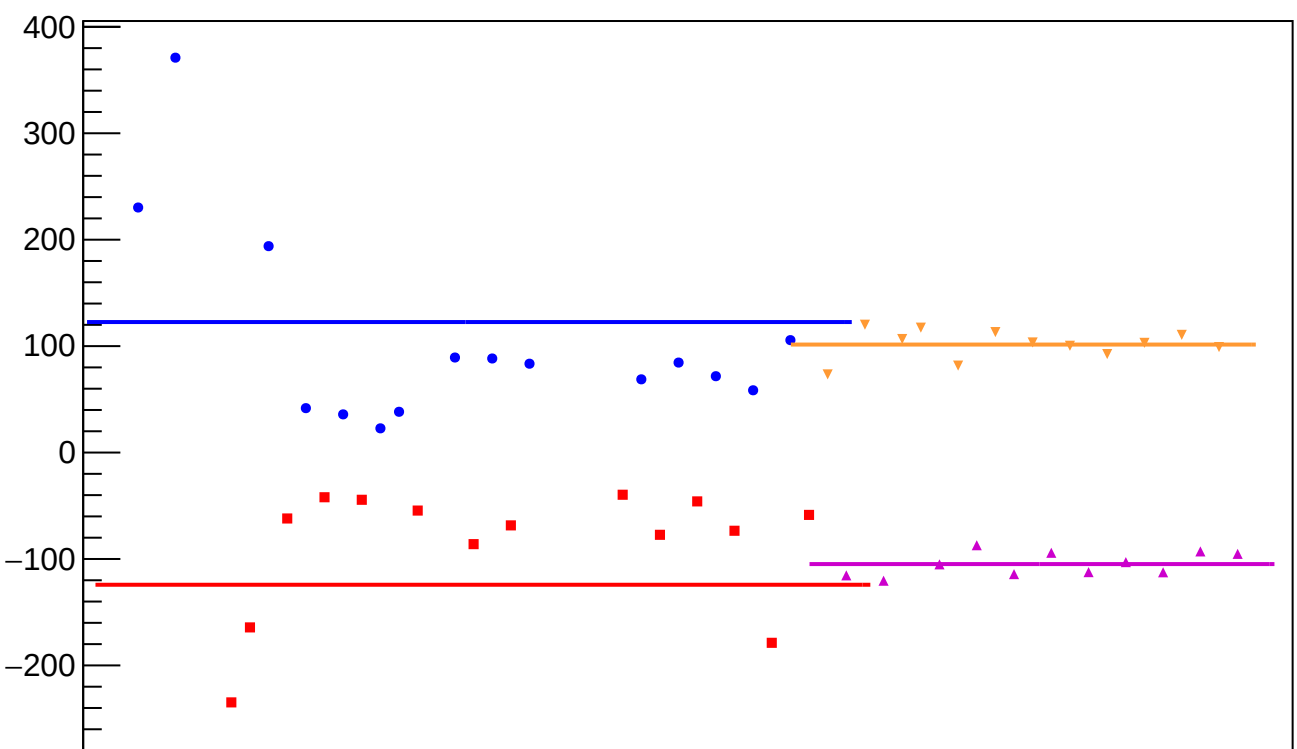
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1571.478+/-0.000 χ^2/NDF:16415649575822

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.065+/-0.000 χ^2/NDF: 424251896737

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.219+/-0.000 χ^2/NDF: 19812994387589276

Right In: 122.622+/-0.000 χ^2/NDF: 59375046611876911459032358427494 97344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.470+/-0.000 χ^2/NDF:16360658660921551517460113962041 3440.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

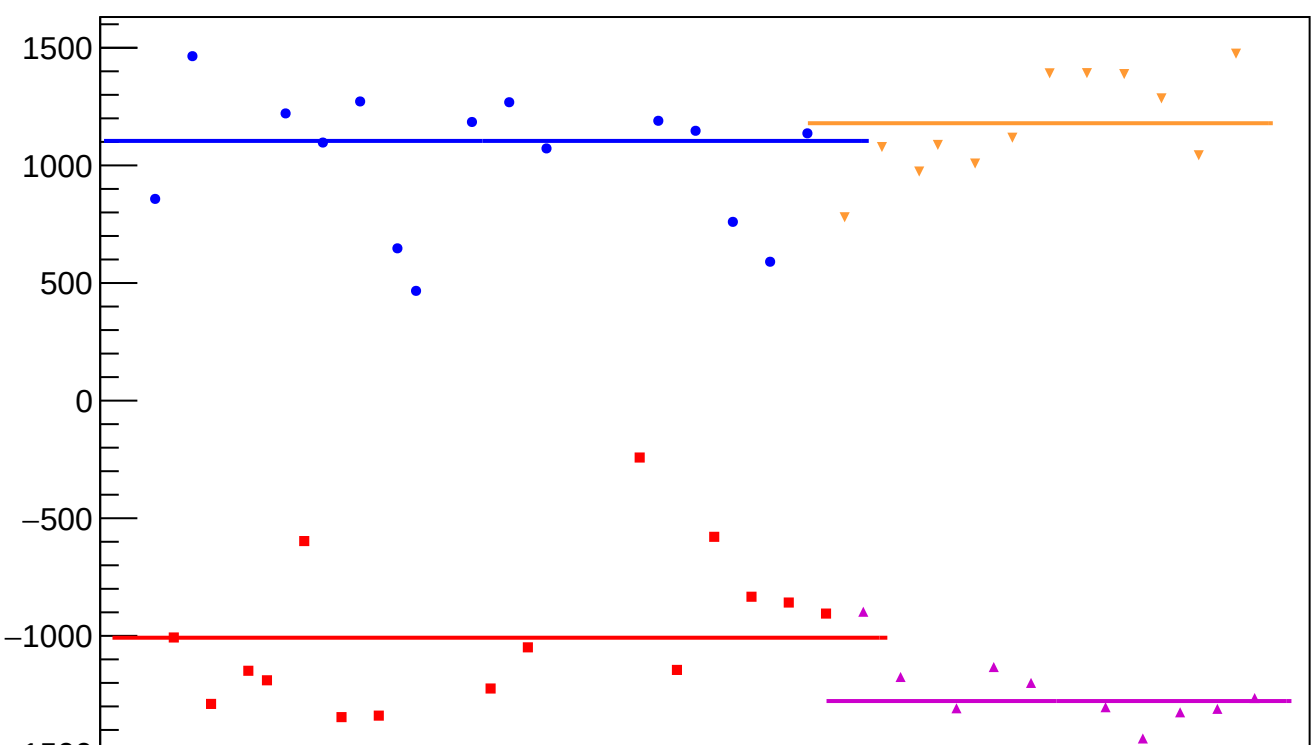
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.256+/-0.000 χ^2/NDF:2635369442246566 89

Left In: -104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

All: -2.330+/-0.000 χ^2/NDF: 5234216215941

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

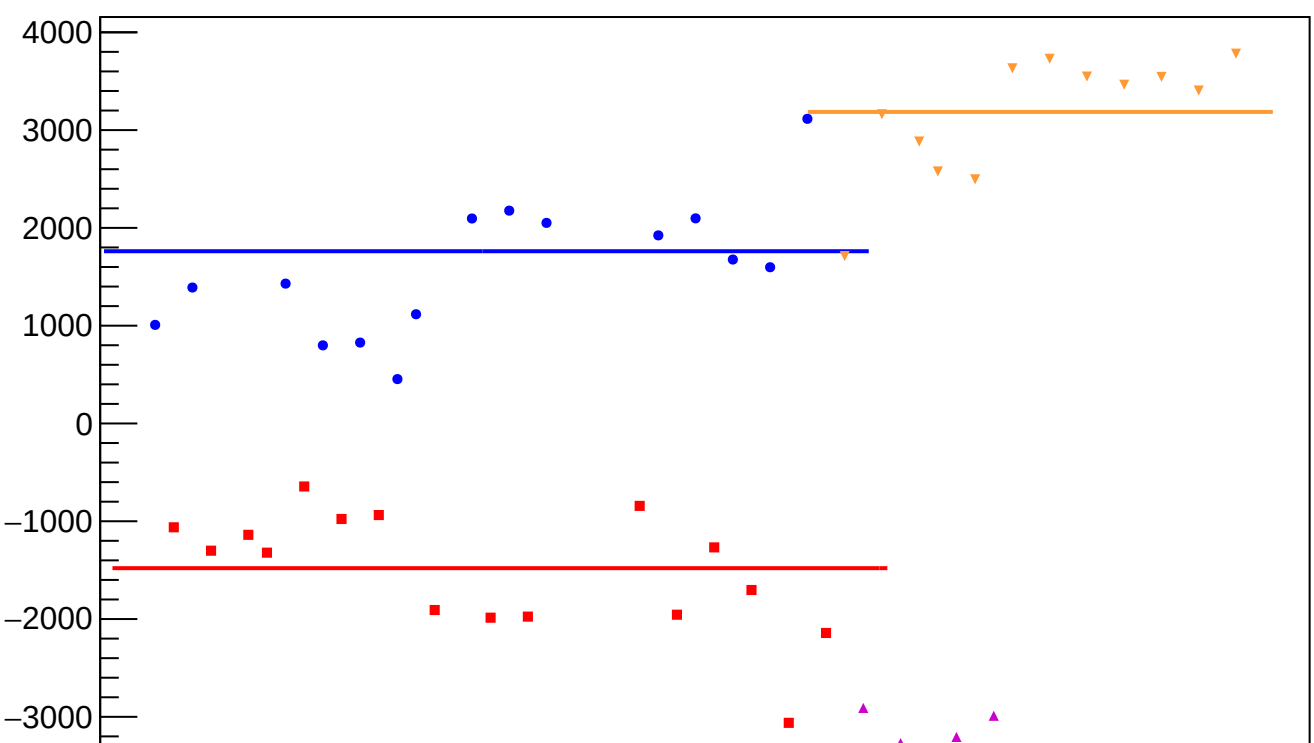
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.525+/-0.000 χ^2/NDF: 204789855452922

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

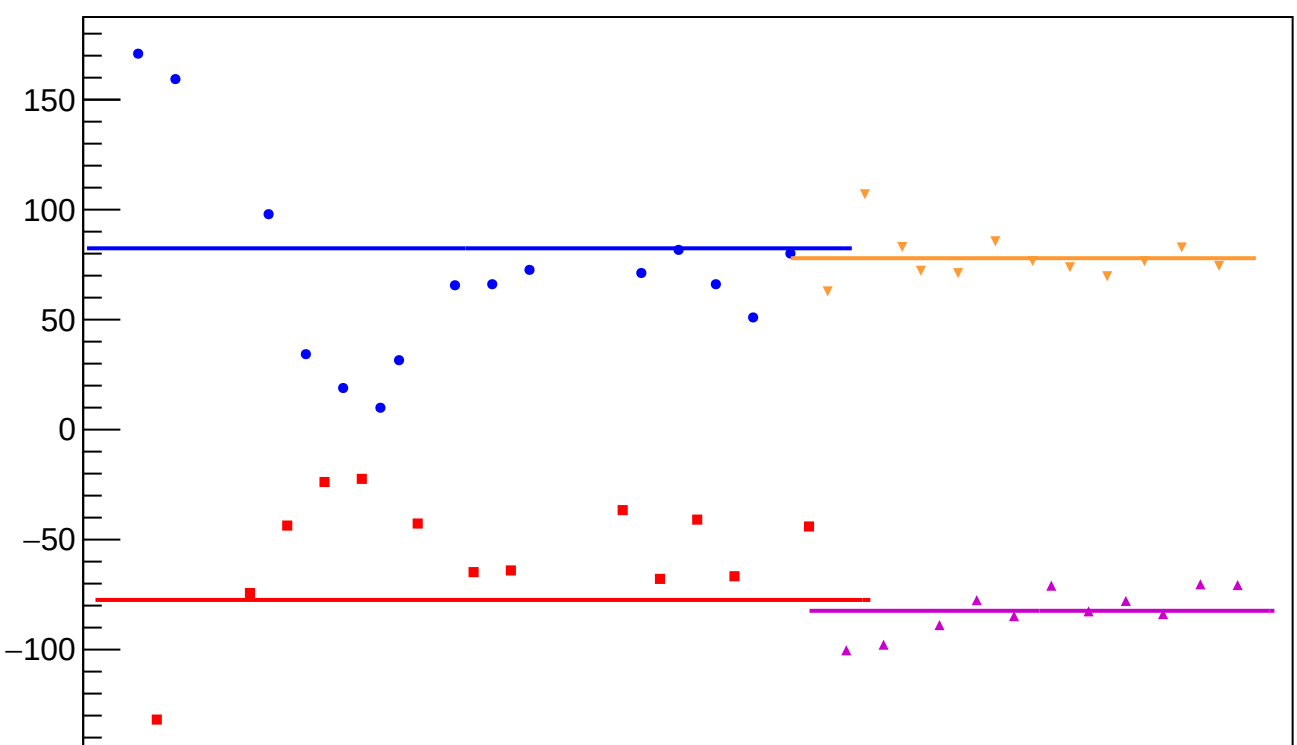
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1217.526+/-0.000 χ^2/NDF:89925987764986

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.093+/-0.000 χ^2/NDF: 245798533014

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.653+/-0.000 χ^2/NDF: 12002252519609657

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

In: -14.374+/-0.000 χ^2/NDF:11703552131501015

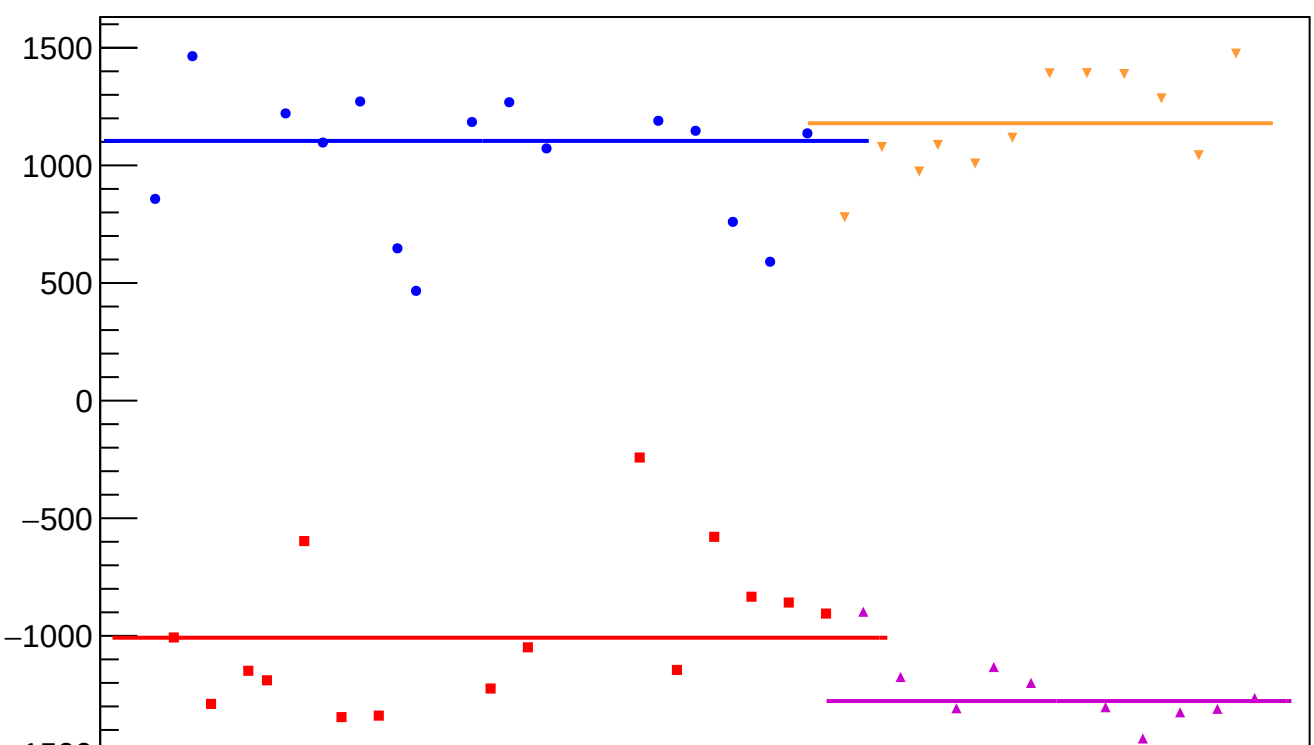
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.384+/-0.000 χ^2/NDF:10931113558677322

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.961+/-0.000 χ^2/NDF: 2319921906530

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

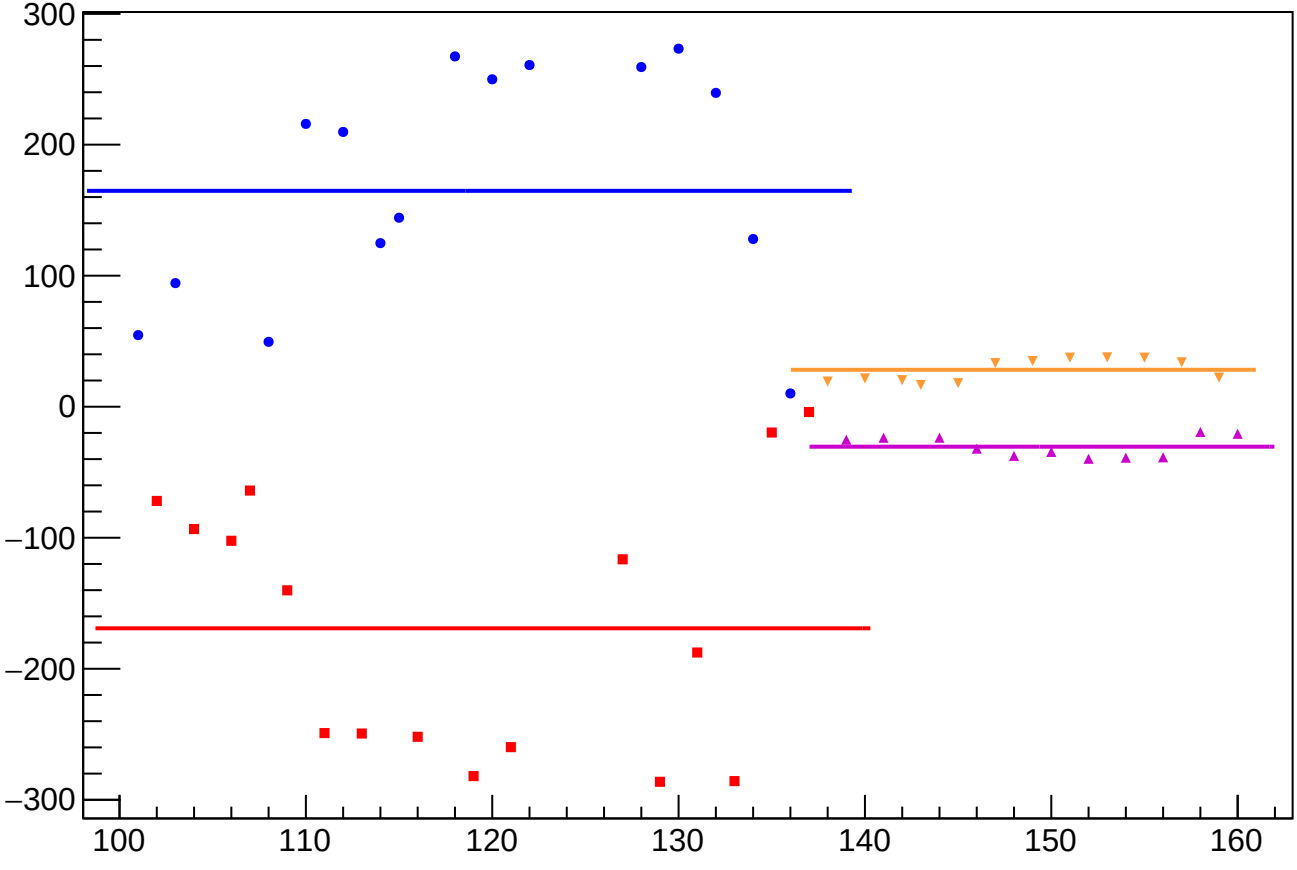
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.317+/-0.000 χ^2/NDF: 16978934081589781

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

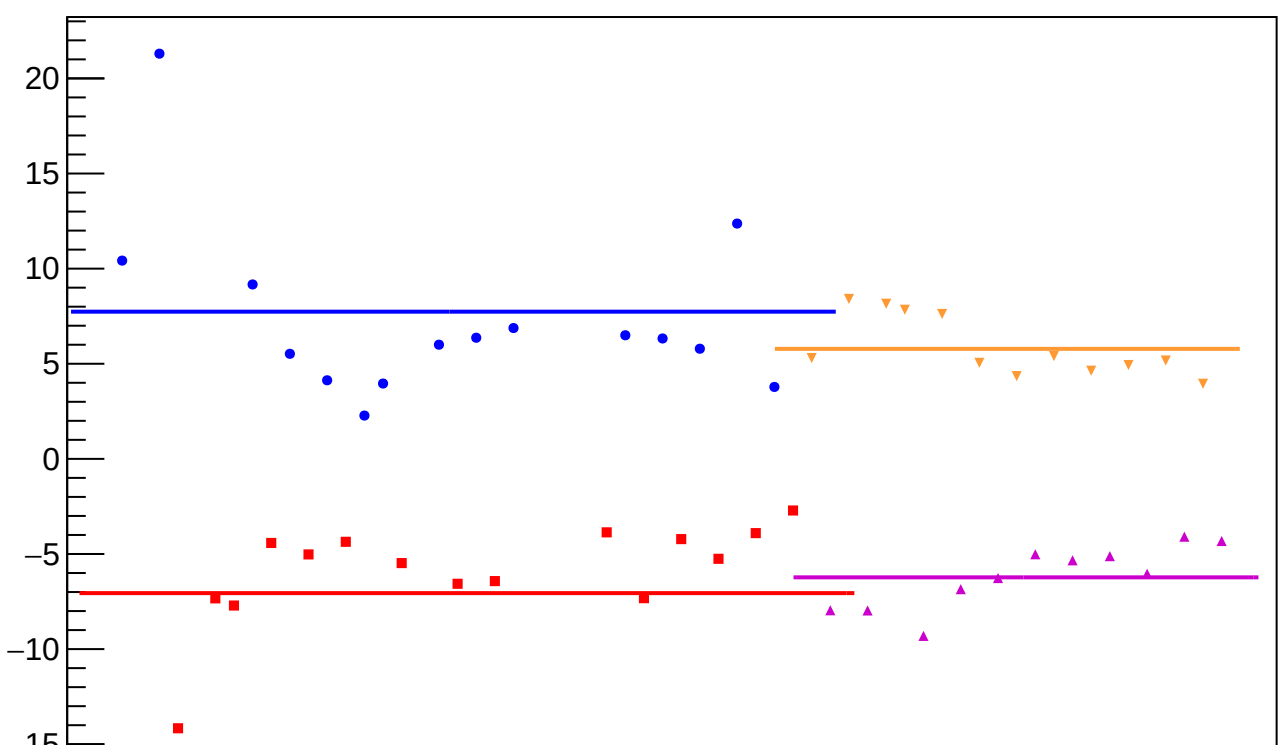
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -55.045+/-0.000 χ^2/NDF:2111323920107624

Left In: -30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

All: -2.629+/-0.000 χ^2/NDF: 5078015592202

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Left Out: 5.783+/-0.000 χ^2/NDF:2082103650411209995862519006101504.0/11

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

Left: -0.255+/-0.000 χ^2/NDF: 7069951433838344 3

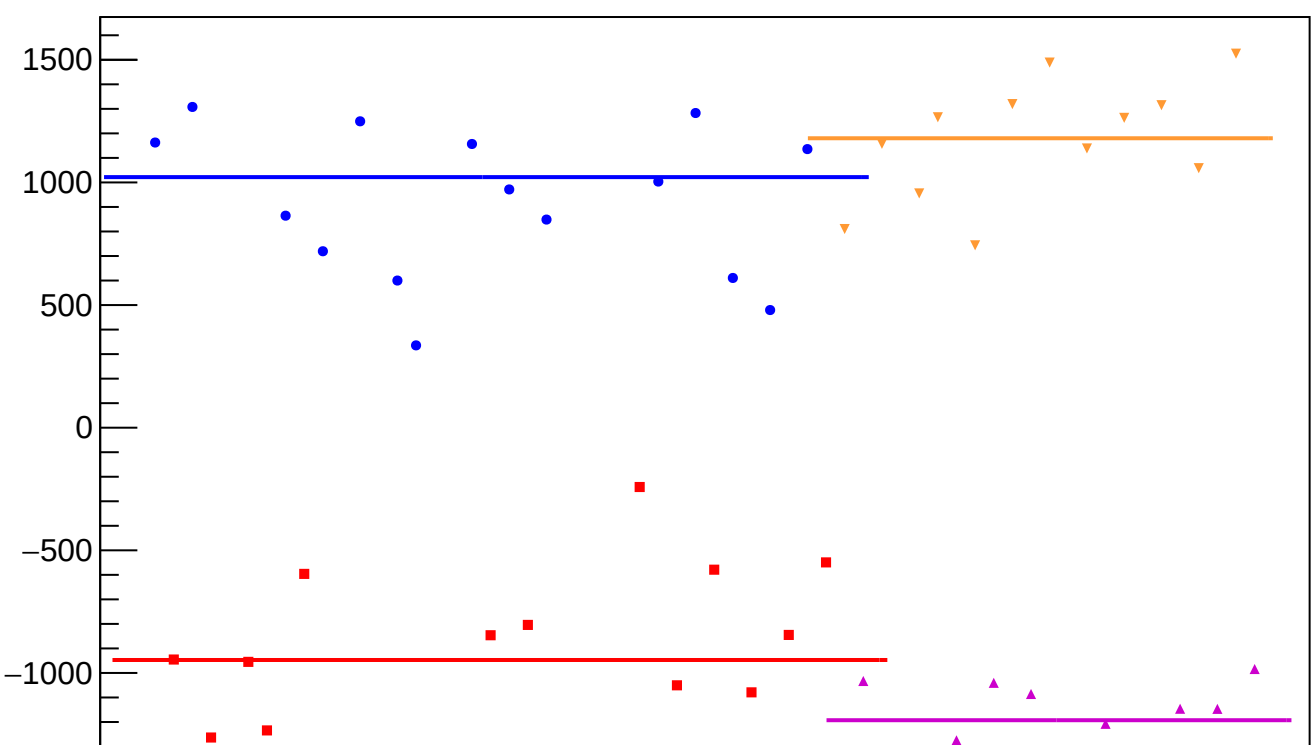
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Out: 0.366+/-0.000 χ^2/NDF:769487203069941784

All: -0.049+/-0.000 χ^2/NDF: 1693113496789

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

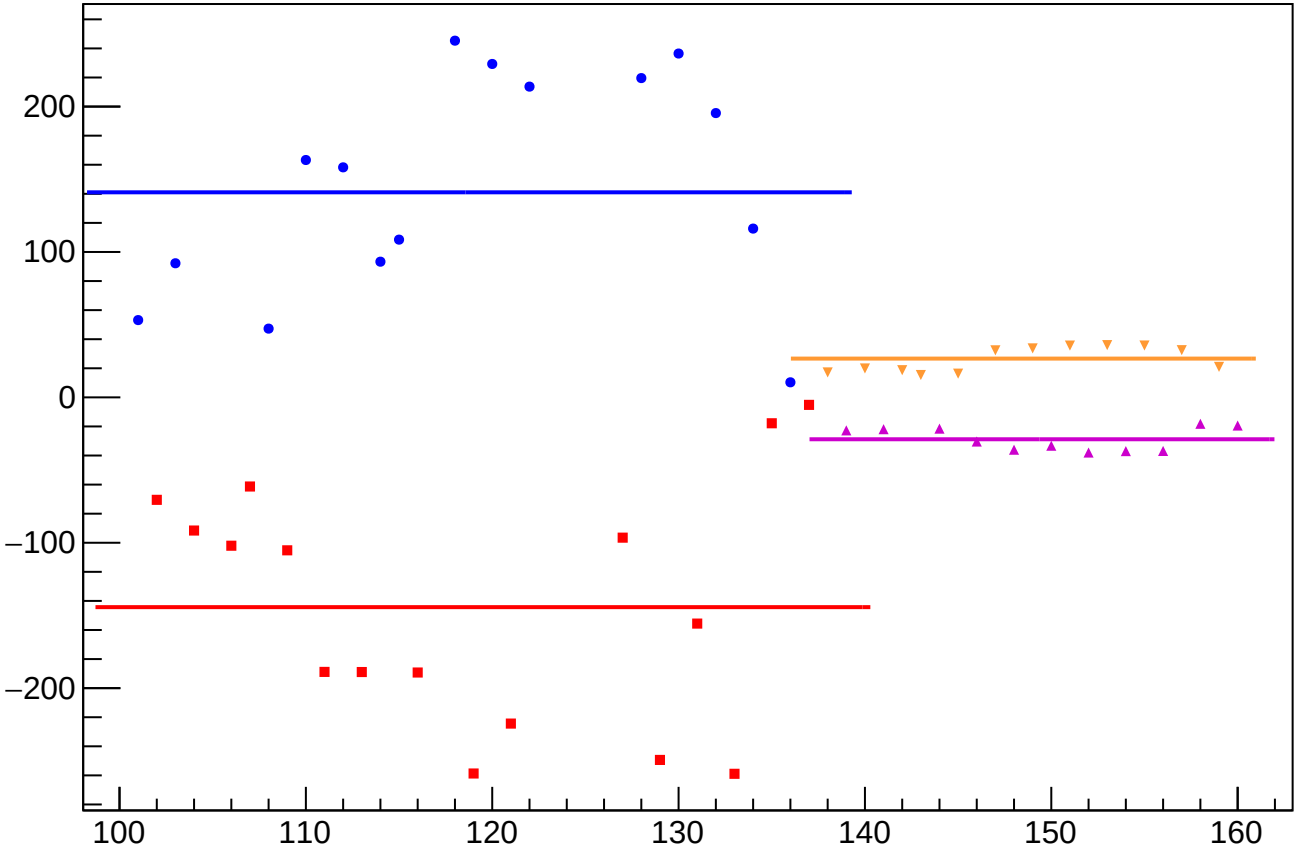
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.225+/-0.000 χ^2/NDF: 15294237123103654

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

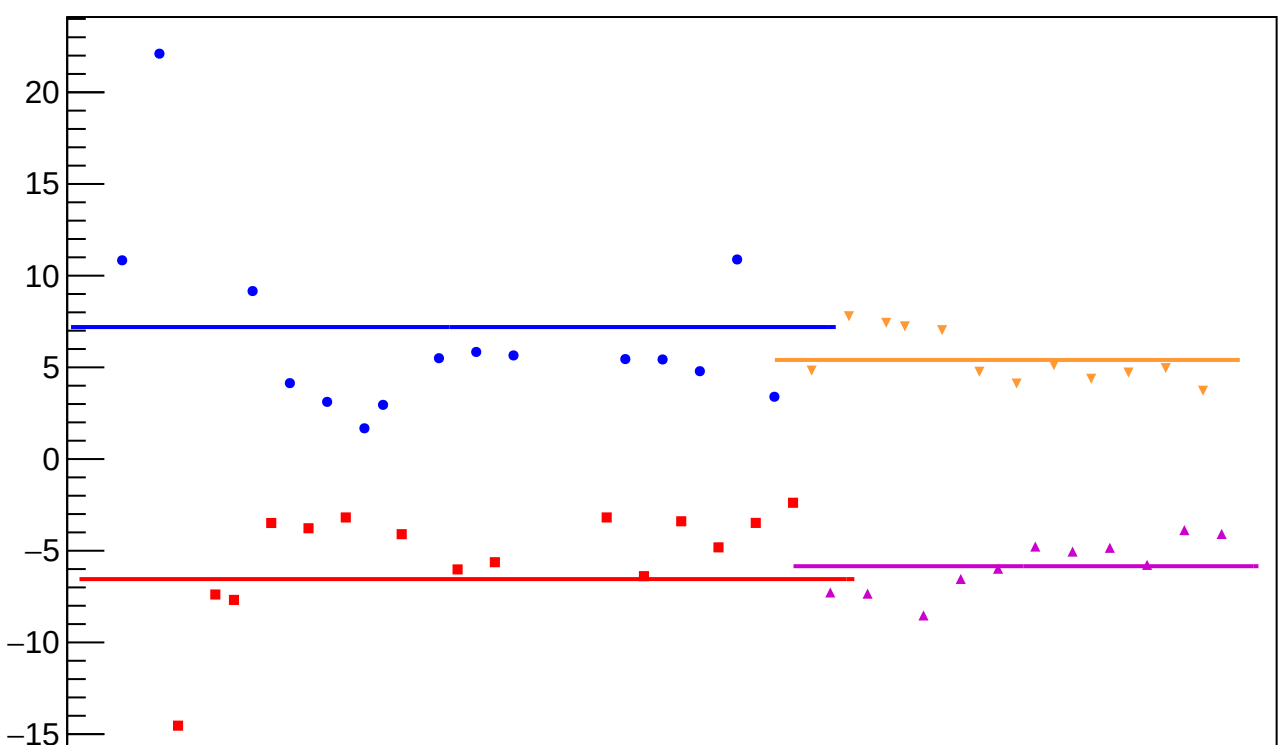
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -45.453+/-0.000 χ^2/NDF:1559993230161443

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

All: -2.206+/-0.000 χ^2/NDF: 3708705323759

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:1657476673222734549536062415306752.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:1832786837102707862400537806766080.0/10

Left: -0.250+/-0.000 χ^2/NDF: 6161814130273038 1

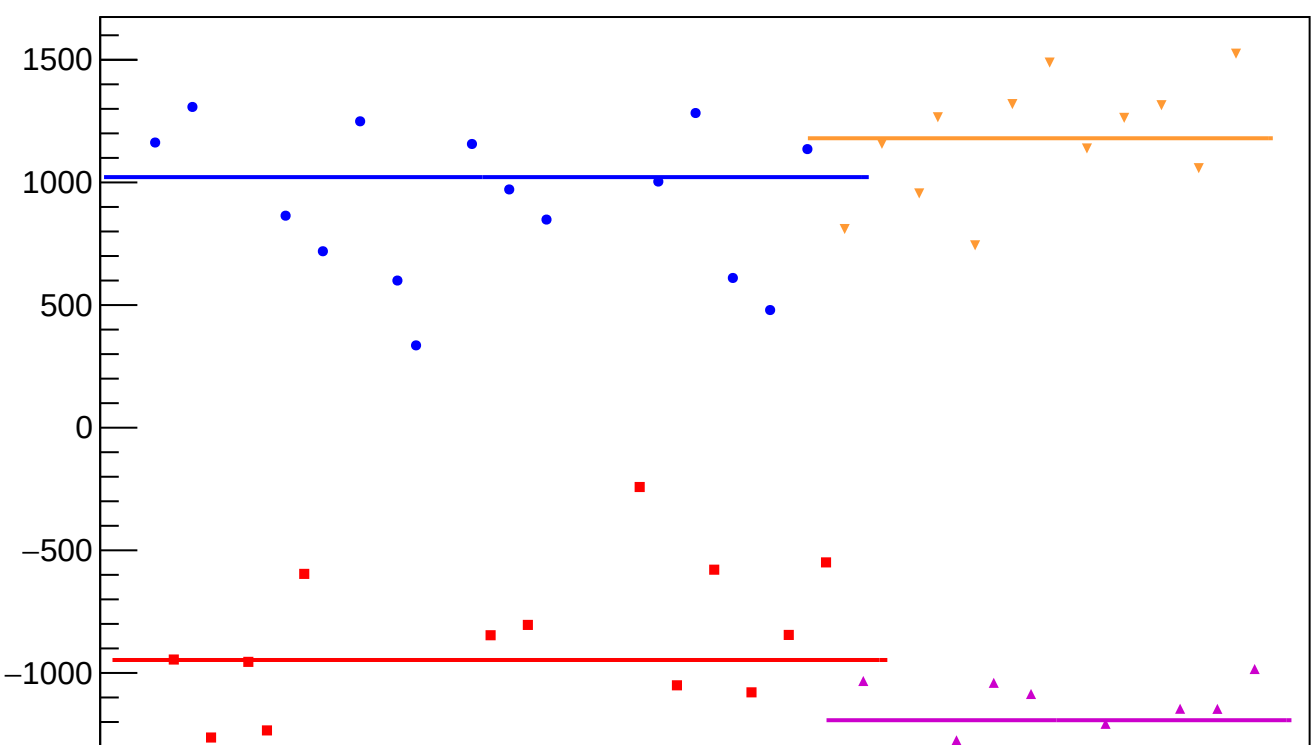
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

In: -0.463+/-0.000 χ^2/NDF:8488165889201747 35

Out: 0.362+/-0.000 χ^2/NDF:7080864399270327 17

All: -0.049+/-0.000 χ^2/NDF: 1562270252344

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

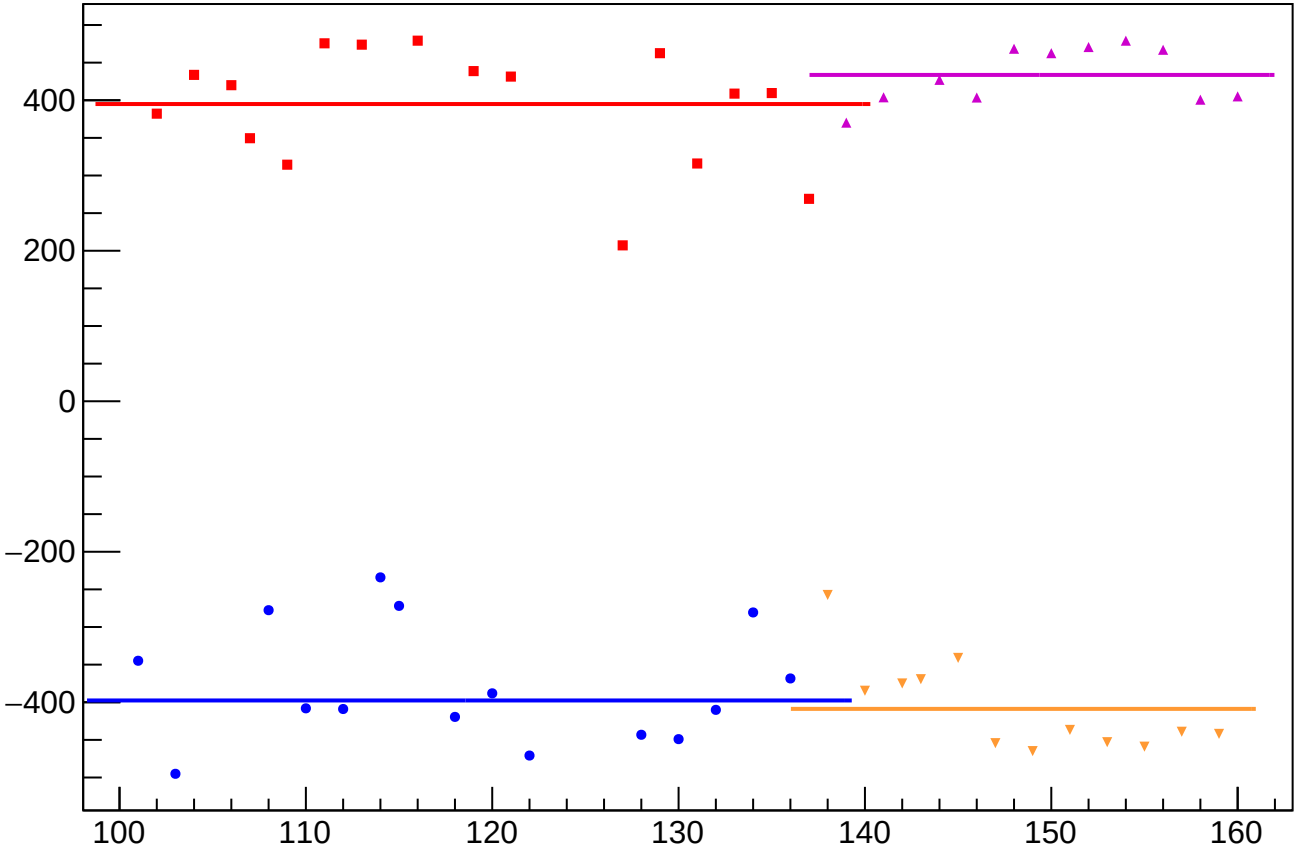
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

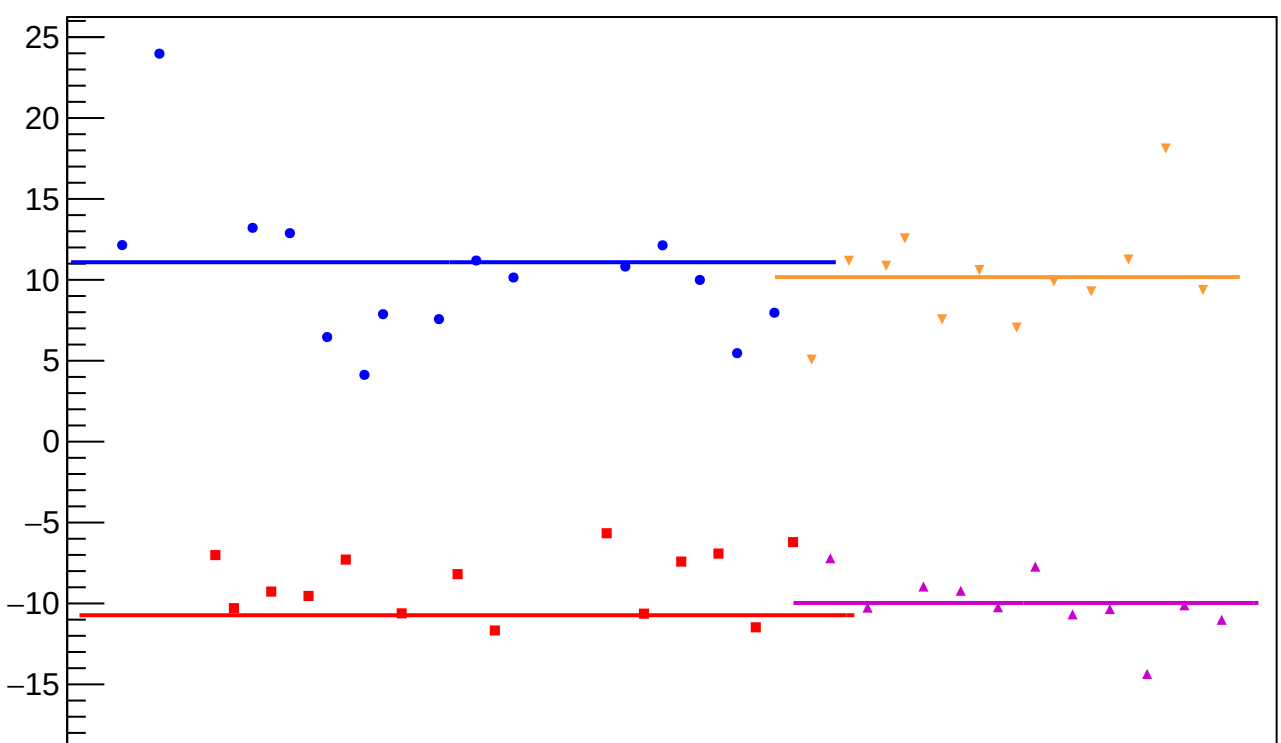
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 14.727+/-0.000 χ^2/NDF: 3306788770143985
Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3
Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11
In: 90.690+/-0.000 χ^2/NDF:267298439260479340
Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15
Out: -69.697+/-0.000 χ^2/NDF:2561673028781217
Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10
All: 10.293+/-0.000 χ^2/NDF: 5437489116587

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19835798282447665

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

In: -1.280+/-0.000 χ^2/NDF:1861837973152803 28

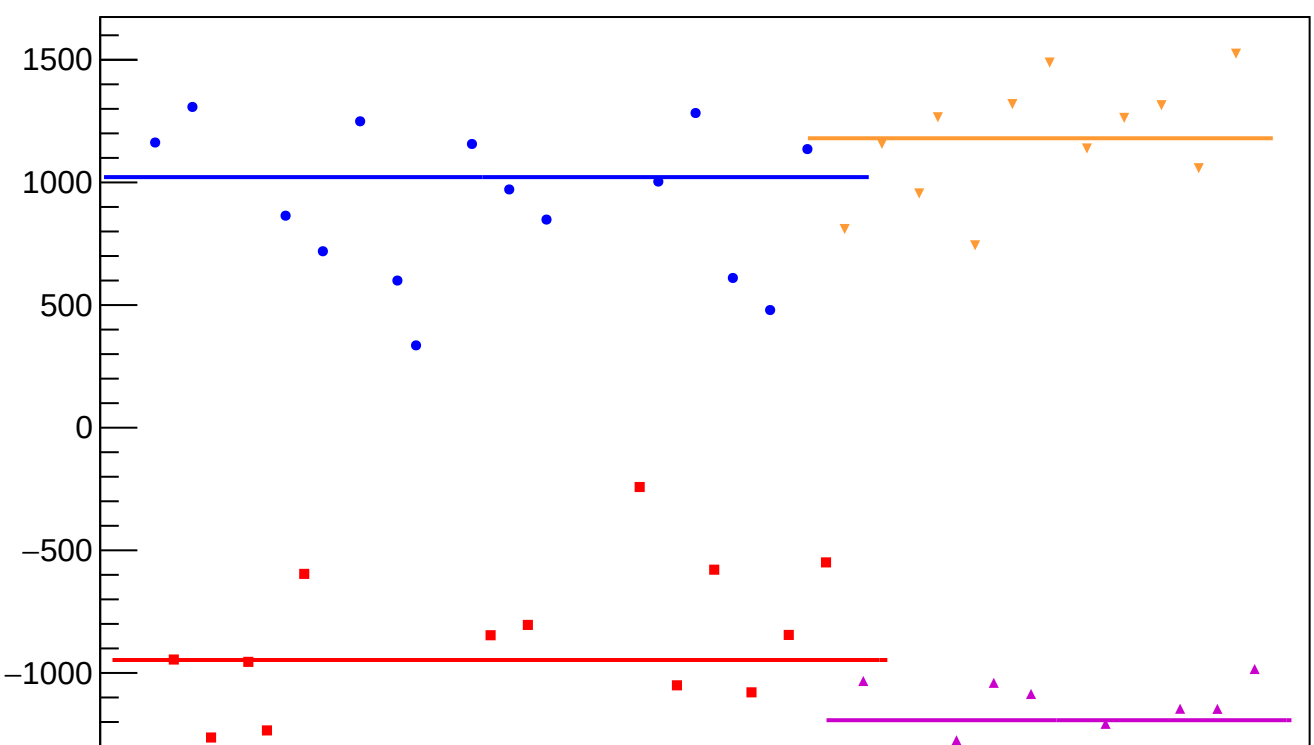
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: 1.354+/-0.000 χ^2/NDF:1922663154658547 31

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3839228456311 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

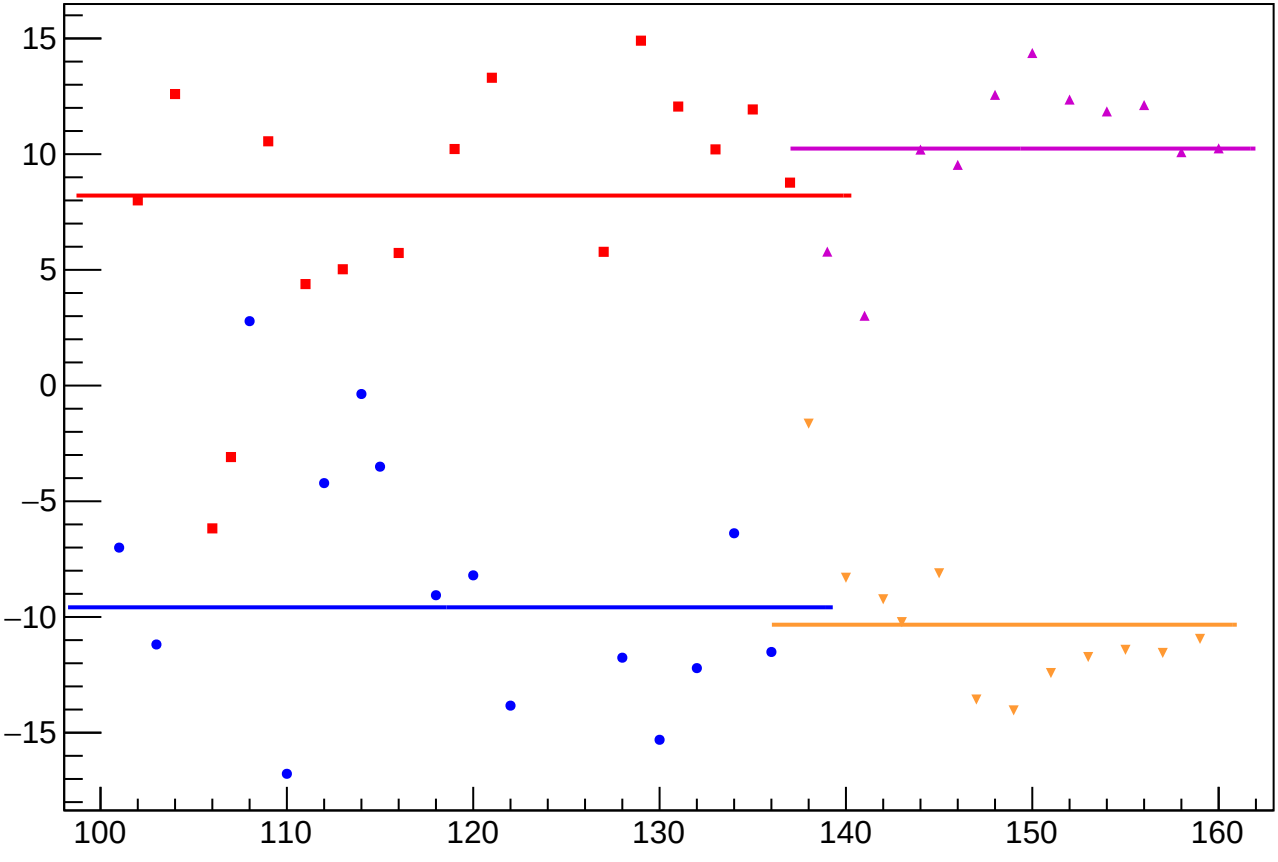
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21288427185661419

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.333+/-0.000 χ^2/NDF:9377692425026365375047041474887680.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

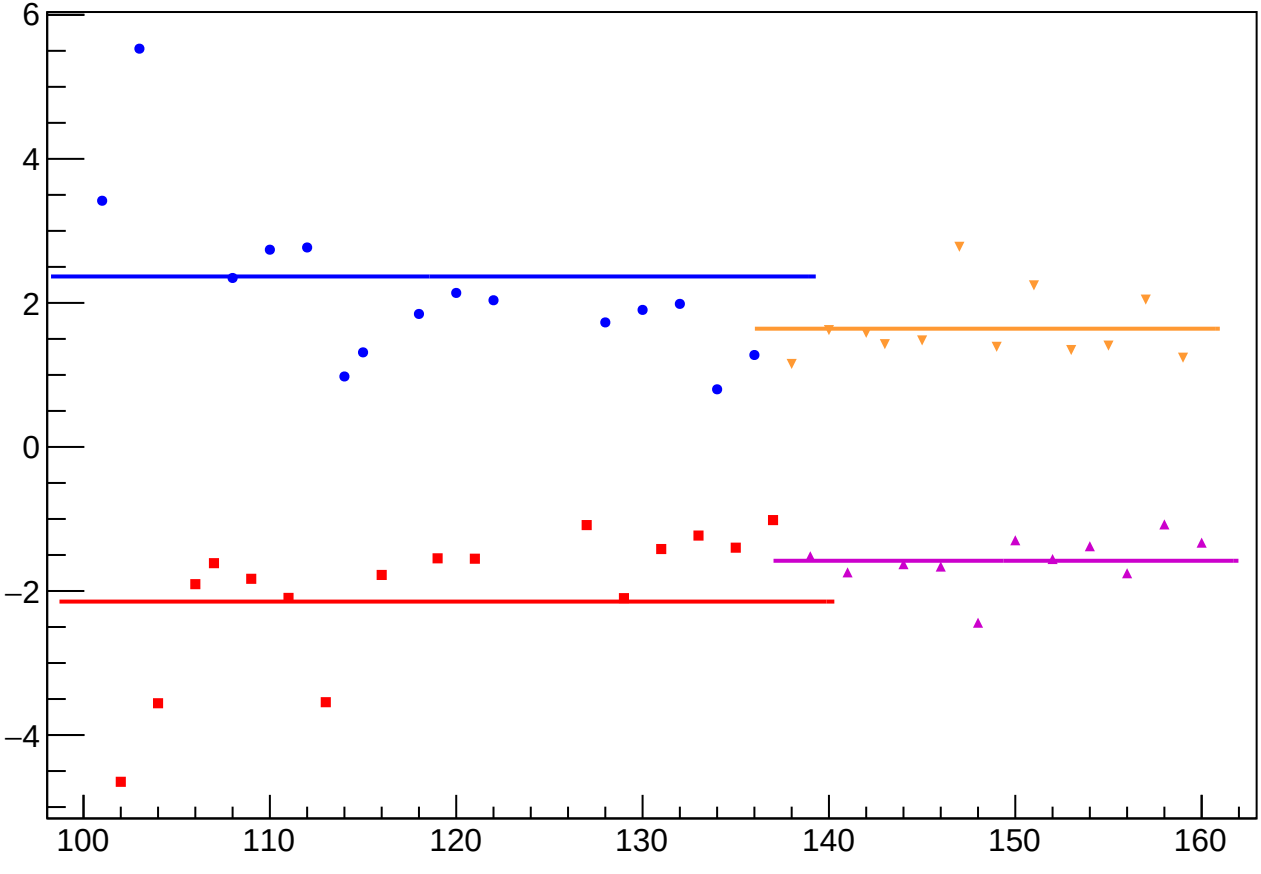
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

Out: -2.510+/-0.000 χ^2/NDF:16029265277756400

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3502860386482

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:1958421482260435270399099152629 76.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 5071287631996029 95

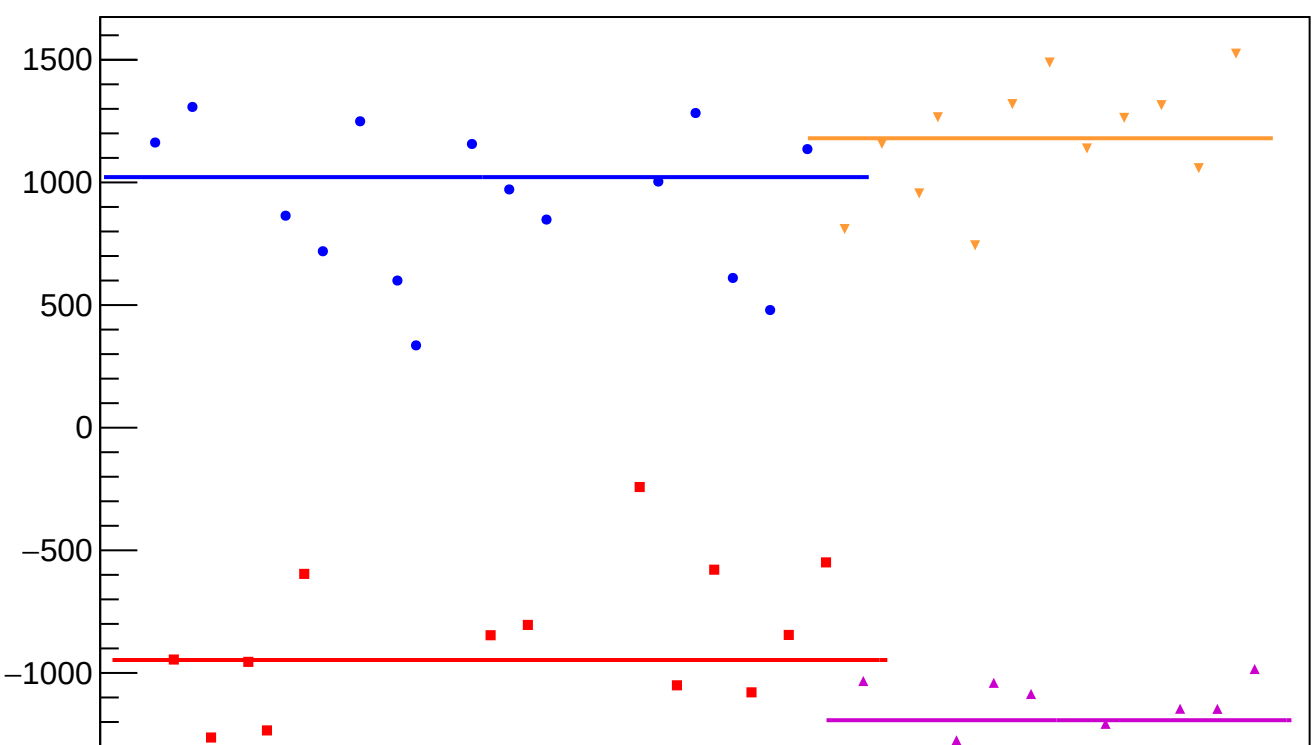
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6496209929578135 24

All: 0.046+/-0.000 χ^2/NDF: 1346152125822 2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

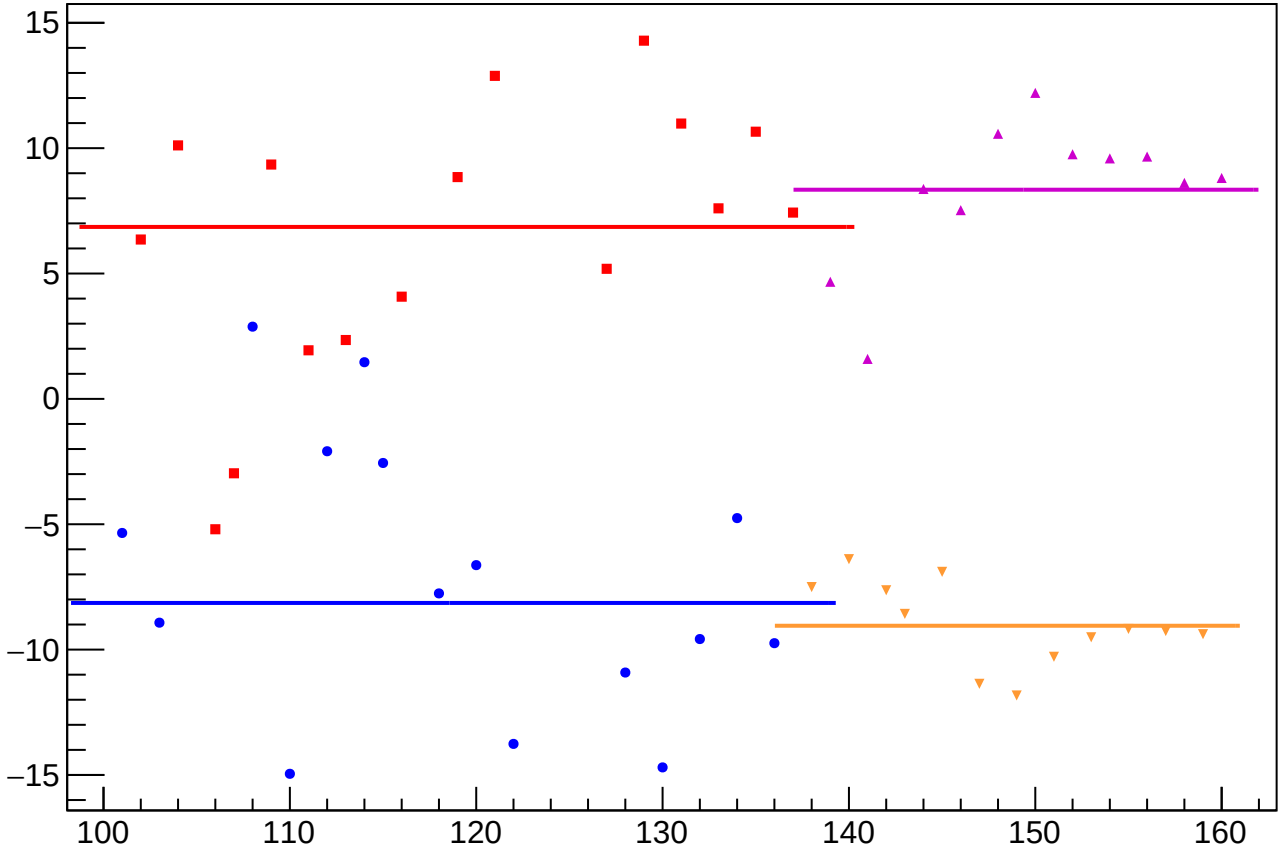
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.306+/-0.000 χ^2/NDF: 14869200131628523

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -9.049+/-0.000 χ^2/NDF:24490585061848397921338895011676 16.0/11

In: 1.543+/-0.000 χ^2/NDF:125503787533392226

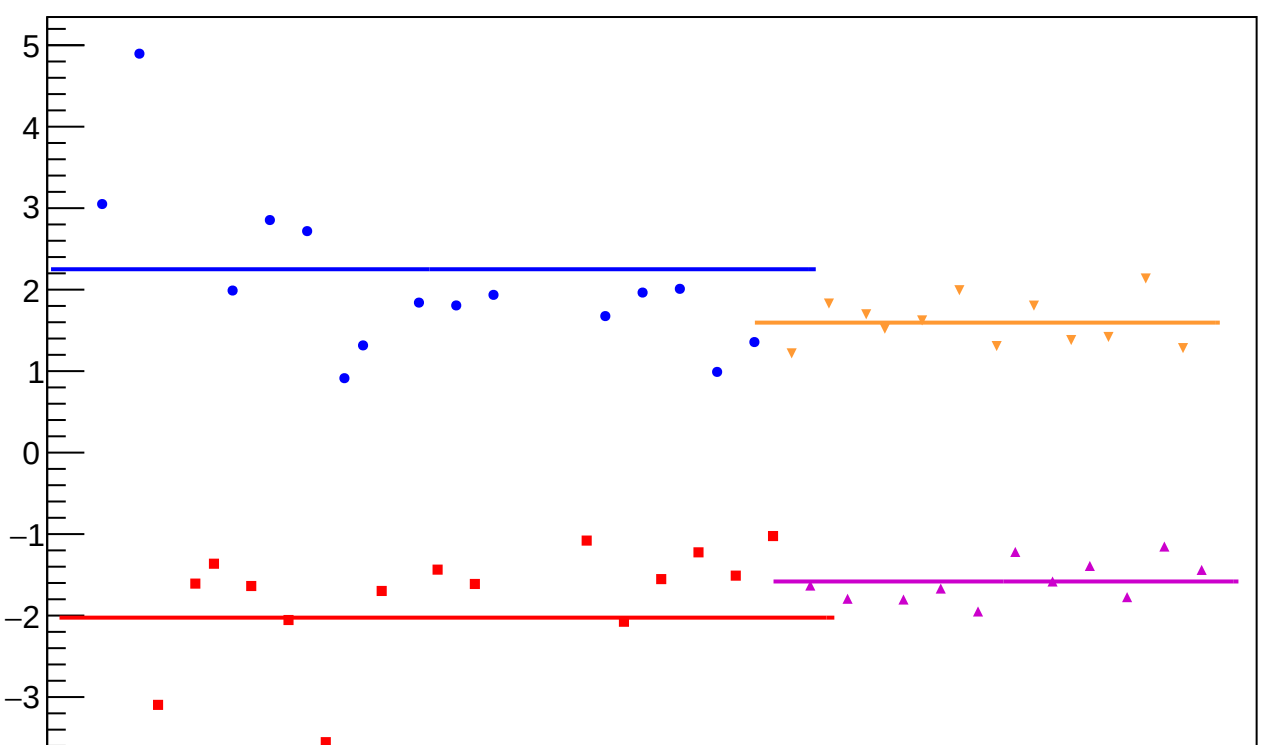
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -2.337+/-0.000 χ^2/NDF:11650582915107792

Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

All: -0.402+/-0.000 χ^2/NDF: 2538807042517

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47692091365886523

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

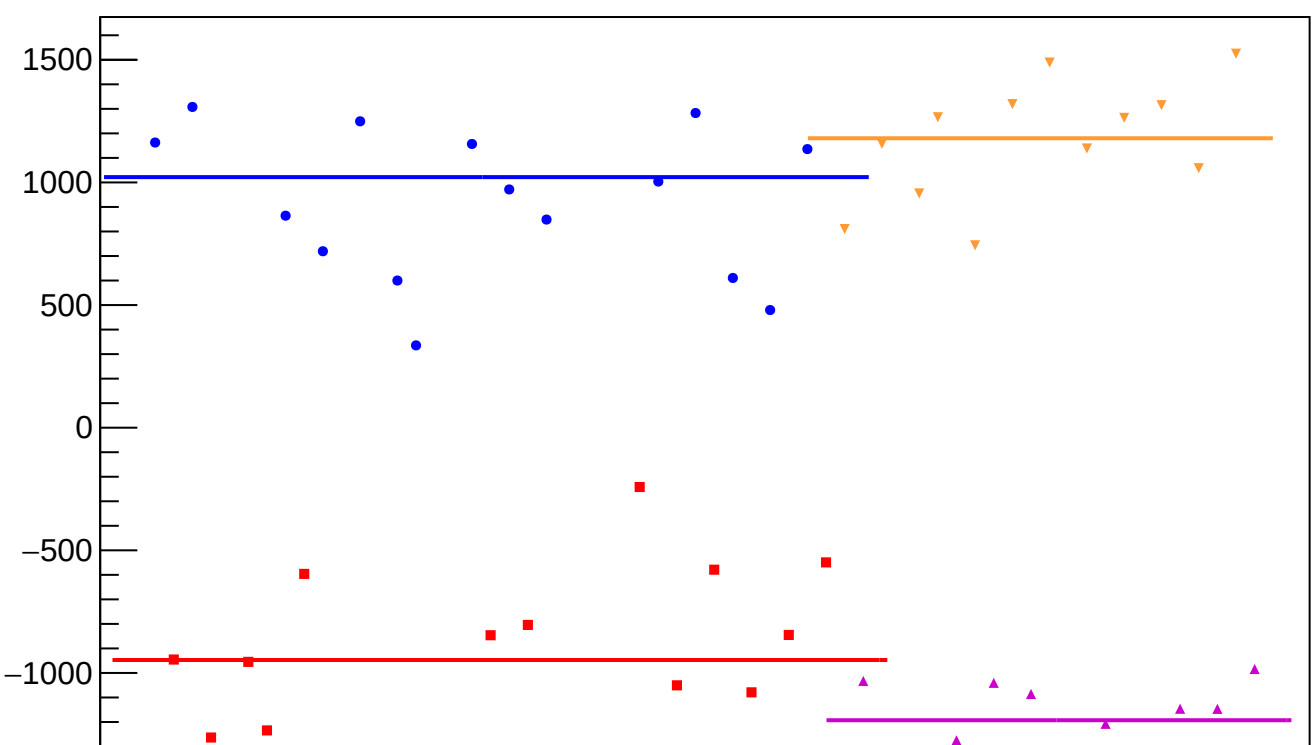
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5710429327761081 99

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1202401440292 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

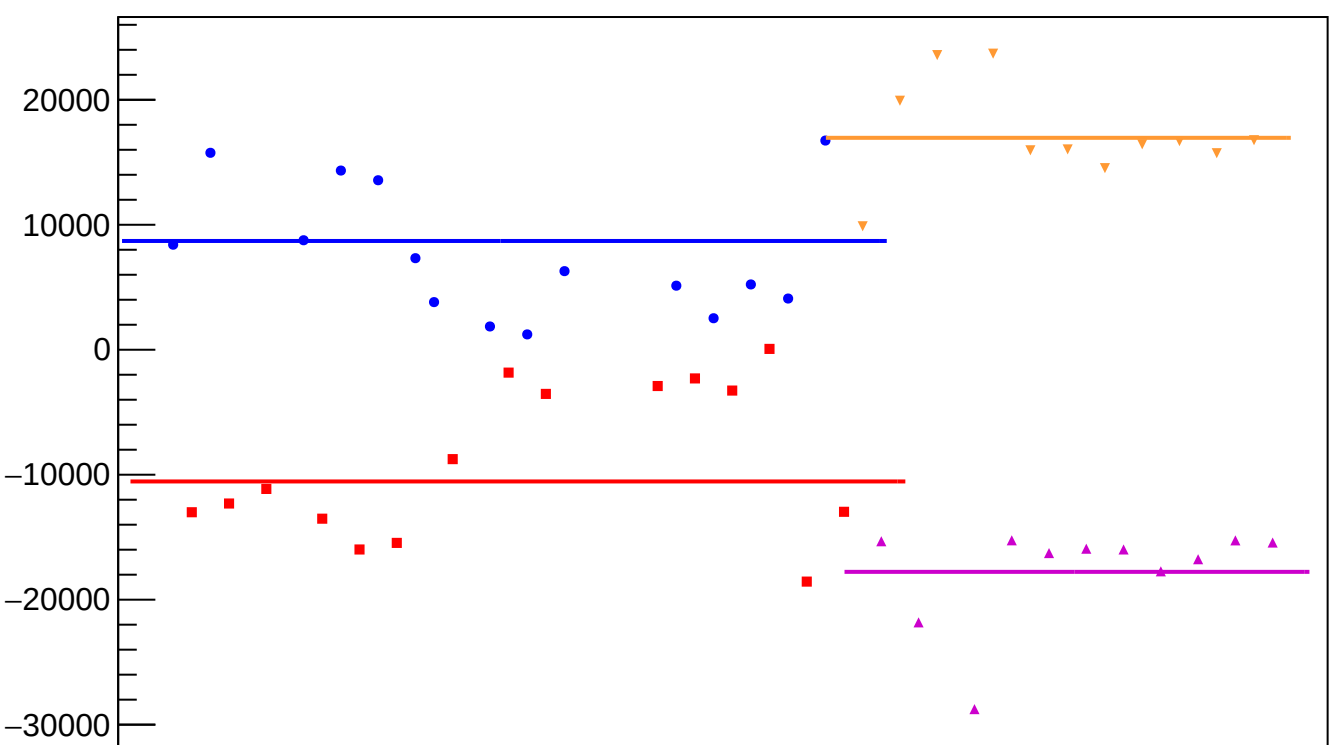
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1162.779+/-0.000 χ^2/NDF: 55890843498990

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

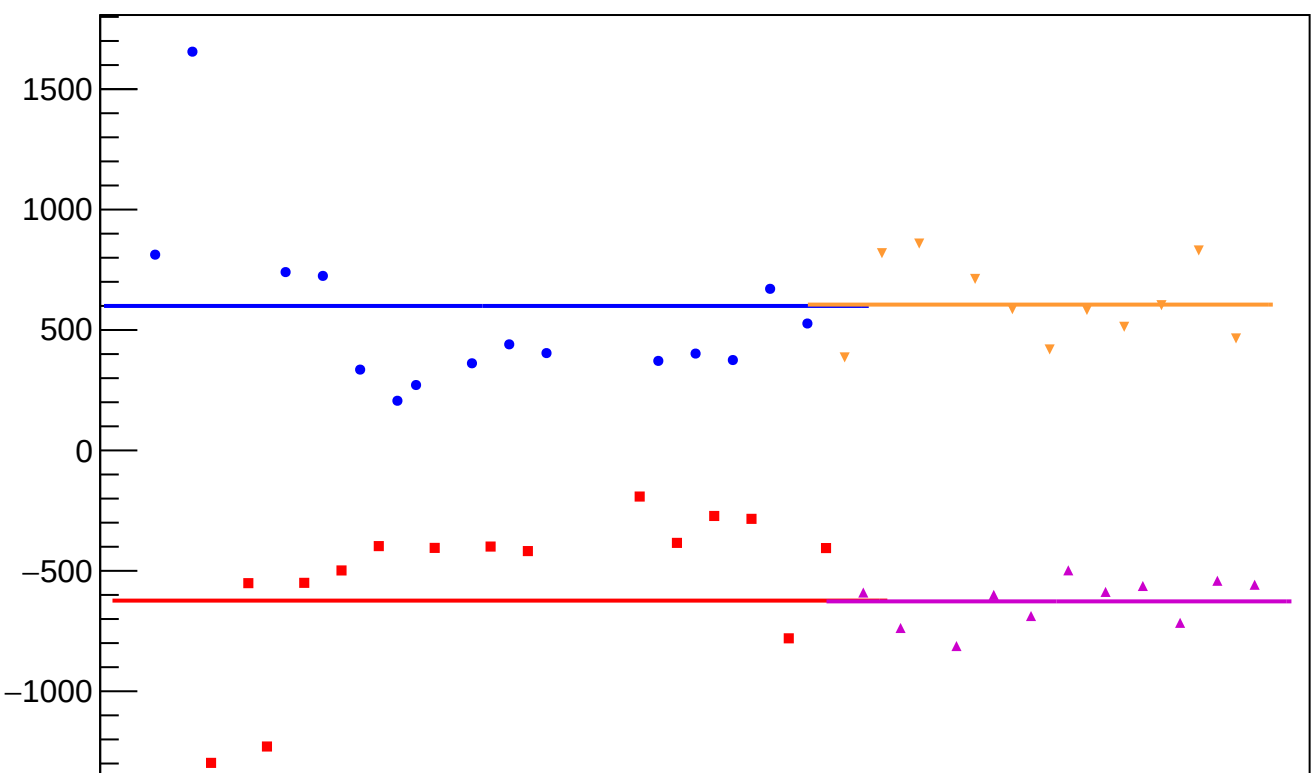
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4843.682+/-0.000 χ^2/NDF:33929574980115 9

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1114.529+/-0.000 χ^2/NDF: 7464452329

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.453+/-0.000 χ^2/NDF: 6997777139470911

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 605.454+/-0.000 χ^2/NDF:2060003669657688968648891386270685593 6.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

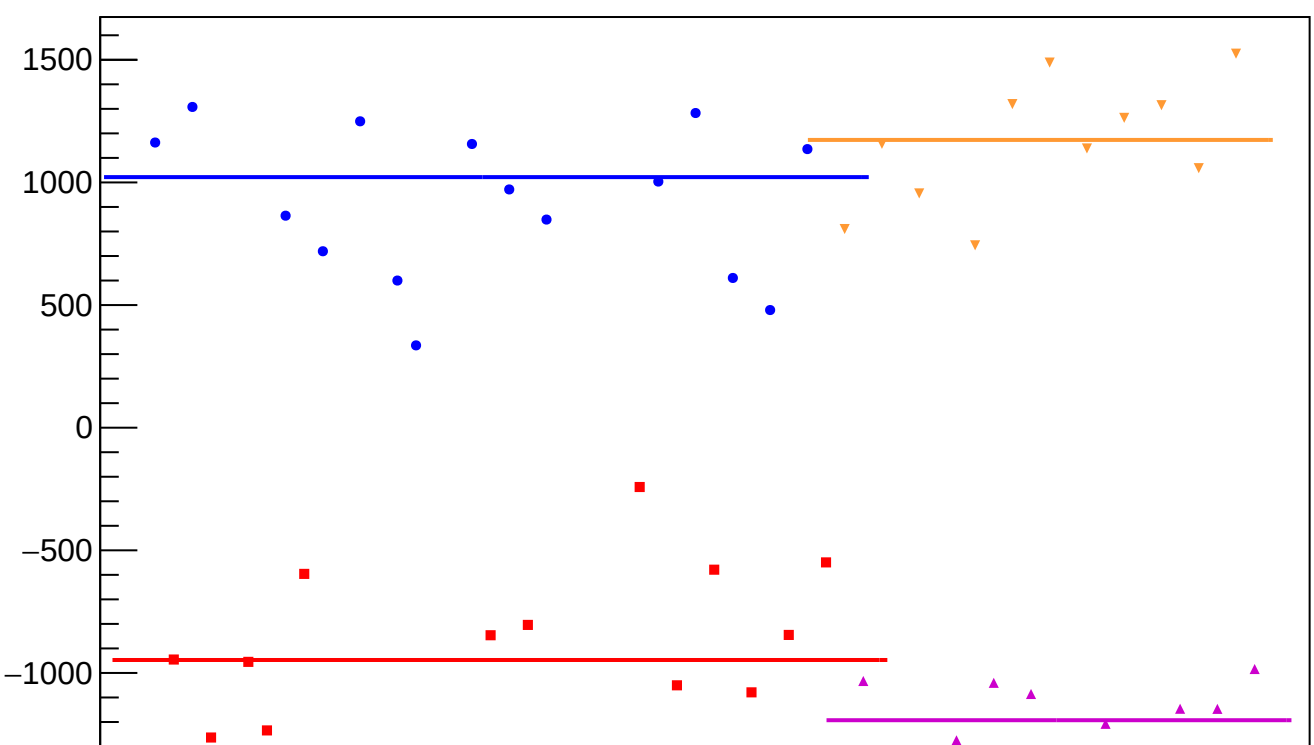
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 64.002+/-0.000 χ^2/NDF:6856908765406279 7

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.110+/-0.000 χ^2/NDF: 138304886705

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.112+/-0.000 χ^2/NDF: 2543368931885977

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1173.334+/-0.000 χ^2/NDF:502592256921254396792444427519246991 36.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

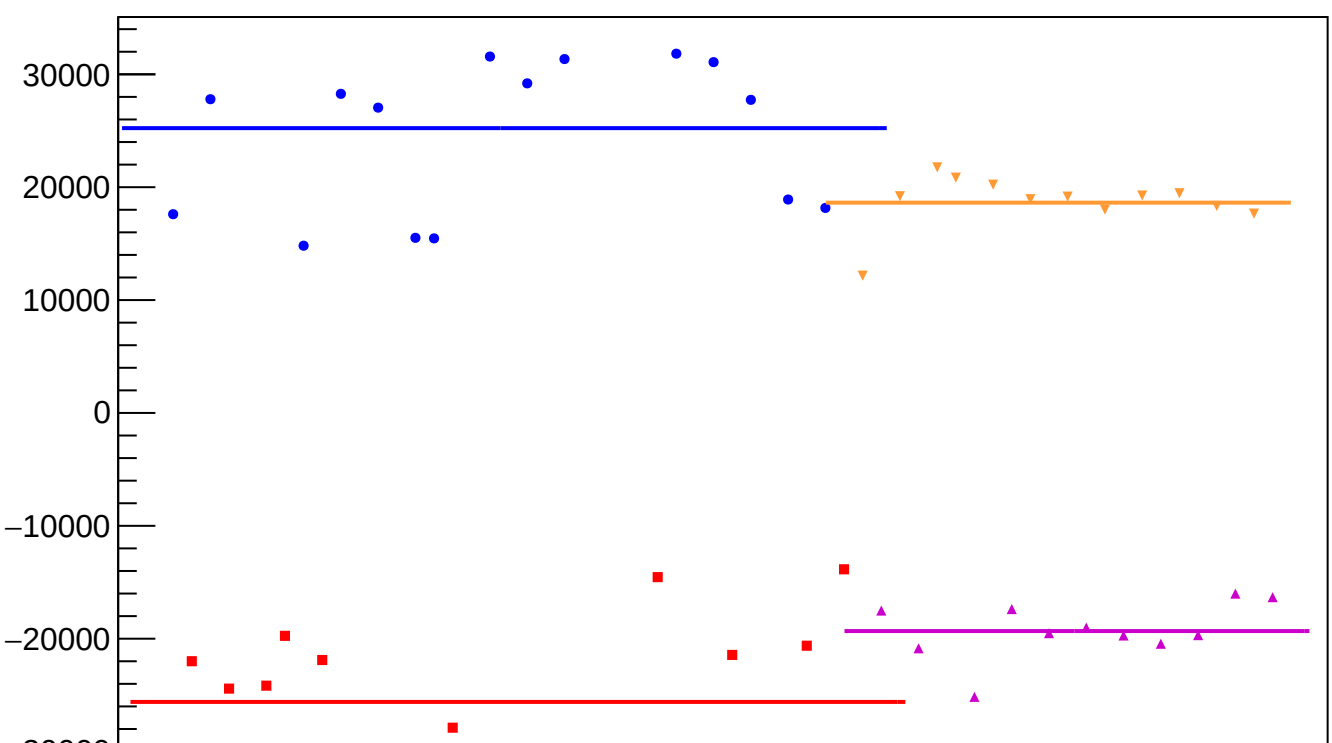
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 239.147+/-0.000 χ^2/NDF:1795887749814407

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.912+/-0.000 χ^2/NDF: 393215150522

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -449.430+/-0.000 χ^2/NDF: 671887437308897

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

In: -940.058+/-0.000 χ^2/NDF:7868508361919144

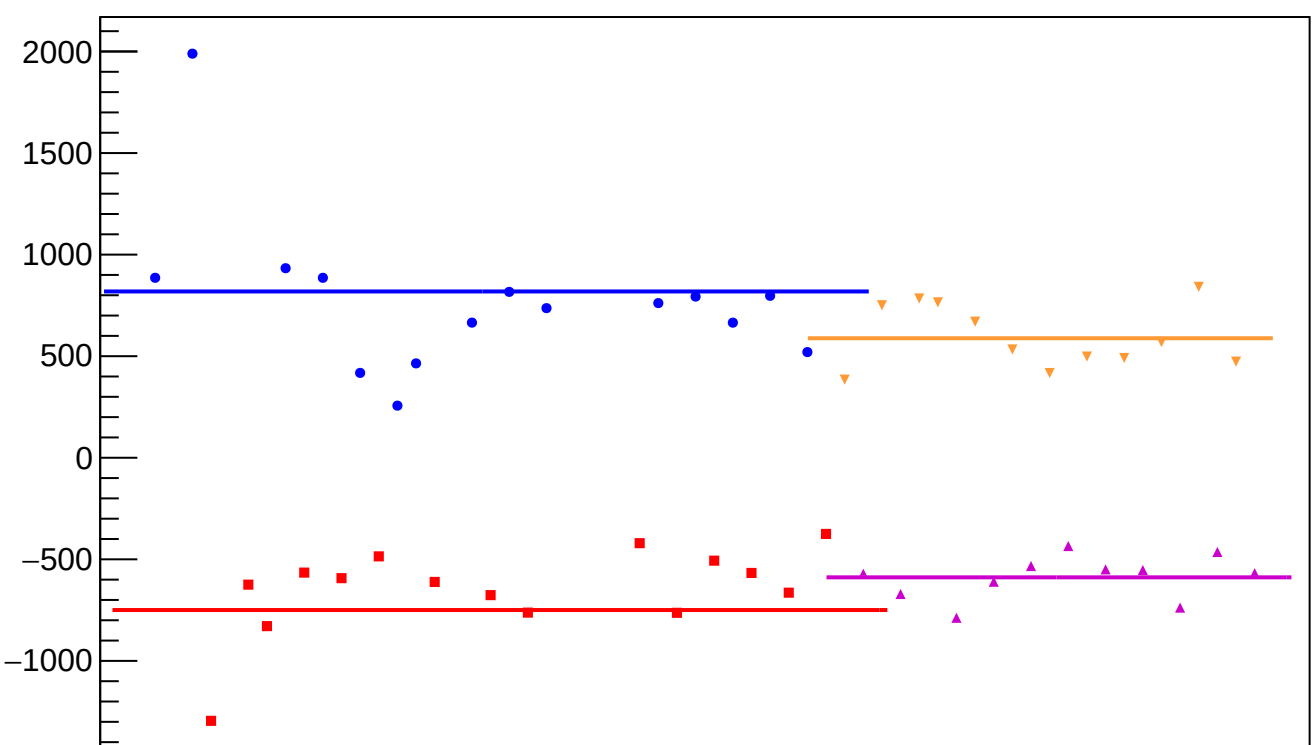
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

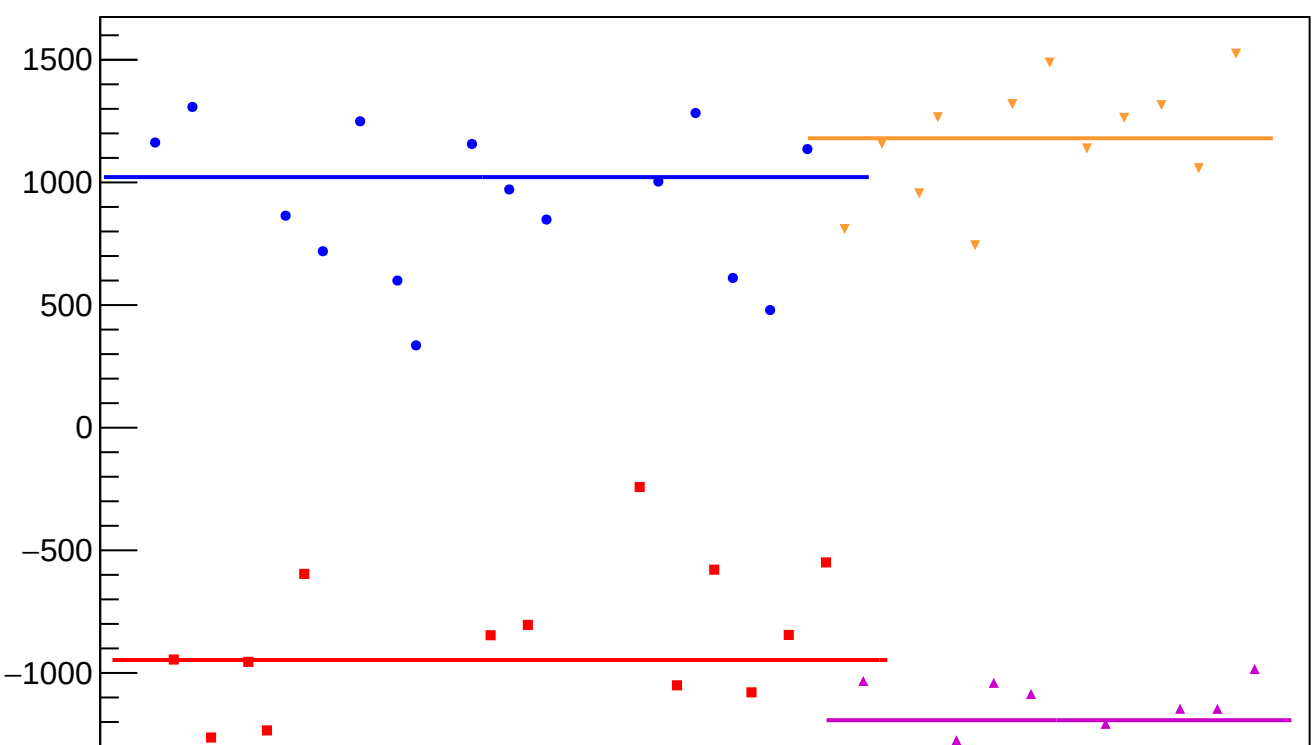
All: -483.976+/-0.000 χ^2/NDF: 15707826192

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.353+/-0.000 χ^2/NDF: 66659527229300677
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811379 2.0/11
In: -8.034+/-0.000 χ^2/NDF:870601201099148606
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: 23.887+/-0.000 χ^2/NDF:7884100997883068 9
Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10
All: 7.967+/-0.000 χ^2/NDF: 1659814713315 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

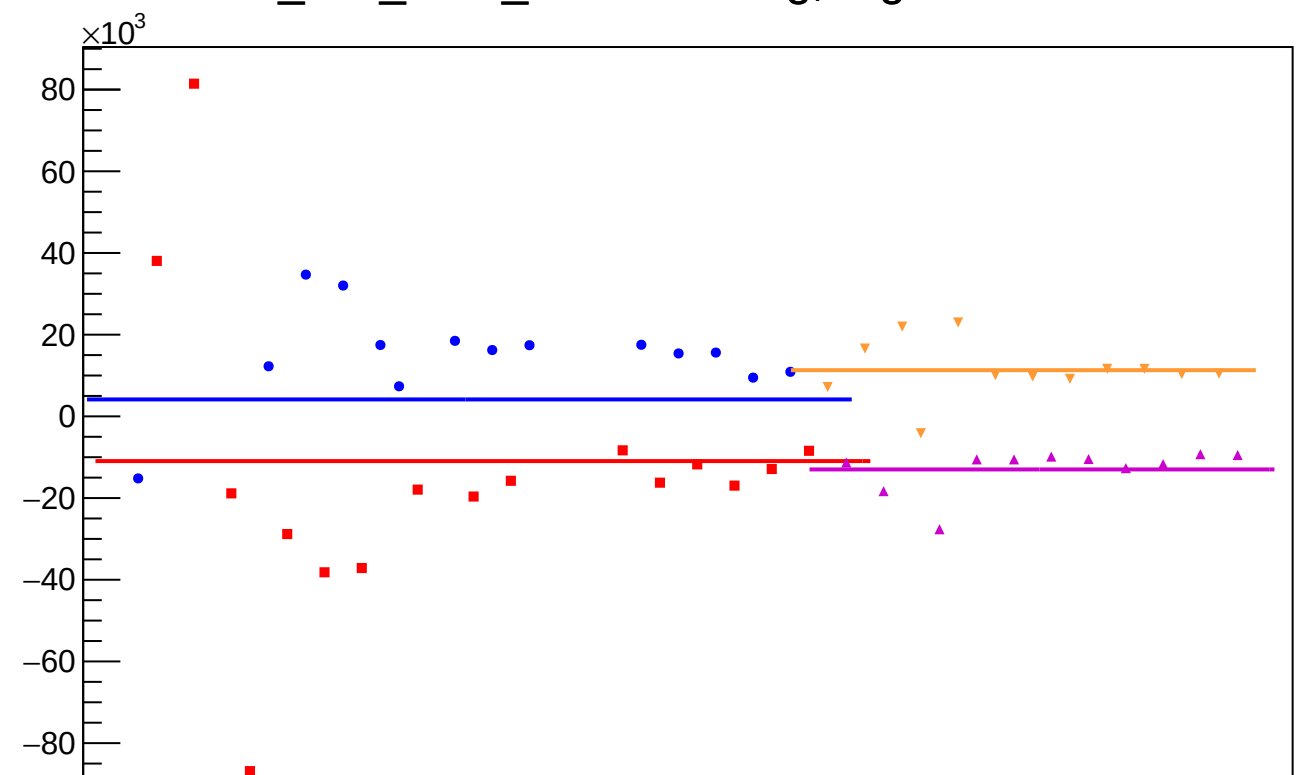
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -909.343+/-0.000 χ^2/NDF: 334047502497759

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

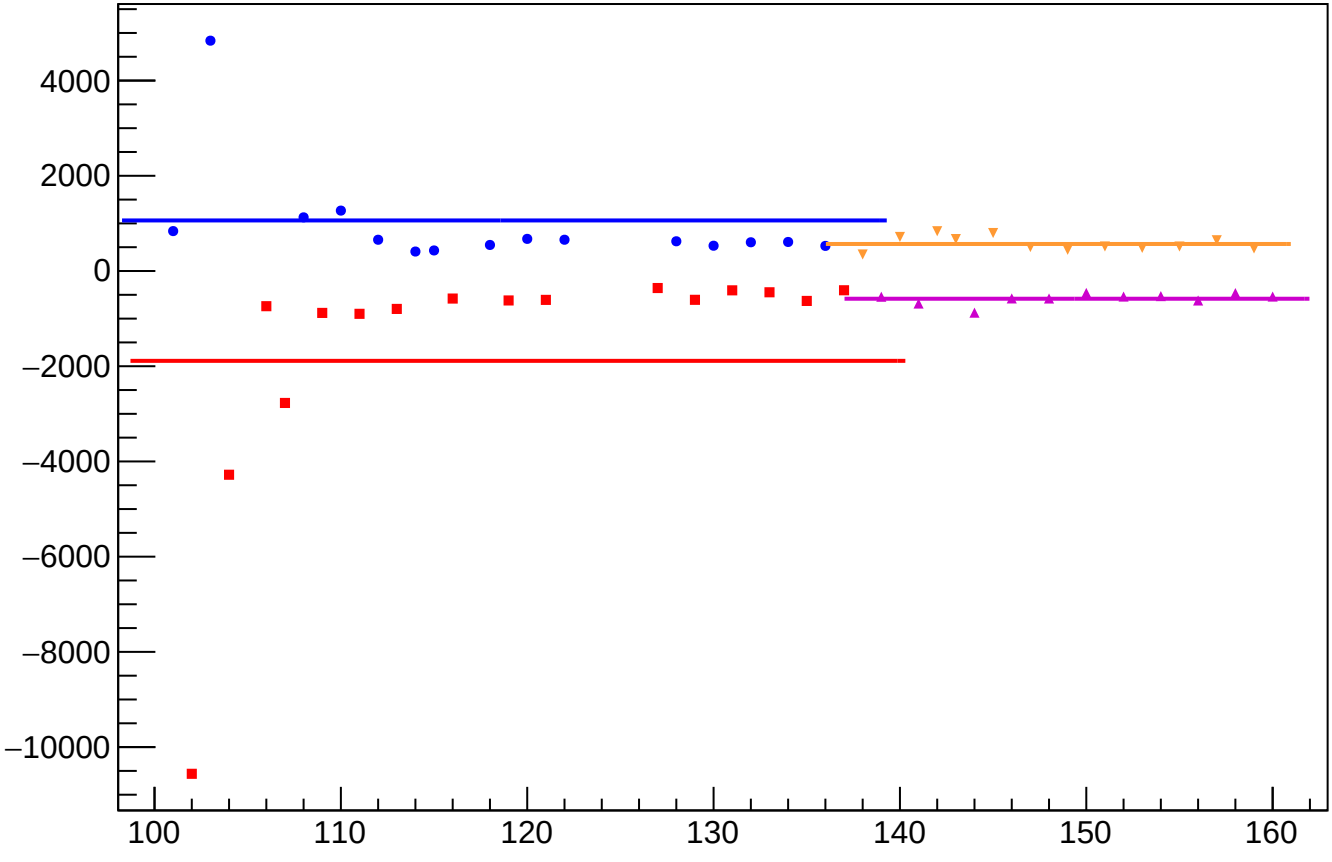
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: 1918.368+/-0.000 χ^2/NDF:110122853896245

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

All: -1992.219+/-0.000 χ^2/NDF: 2051791747

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.469+/-0.000 χ^2/NDF: 6372083040457971

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

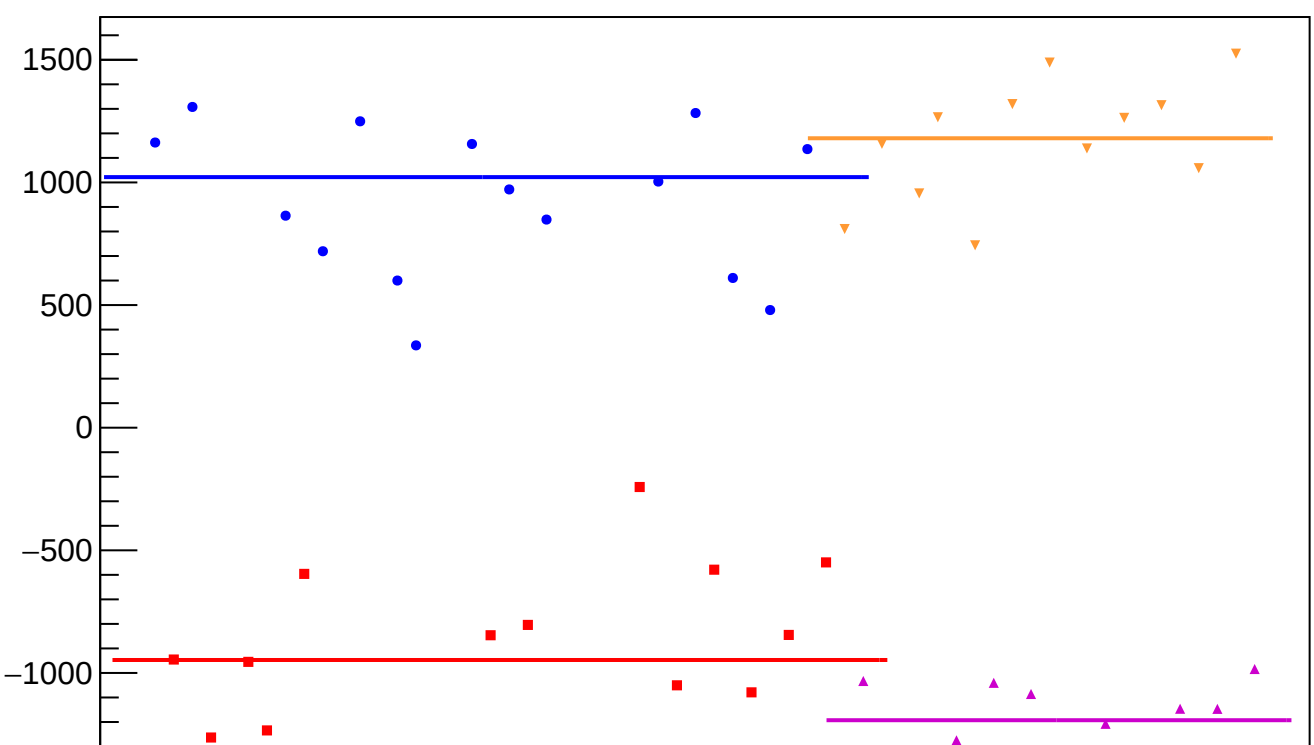
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

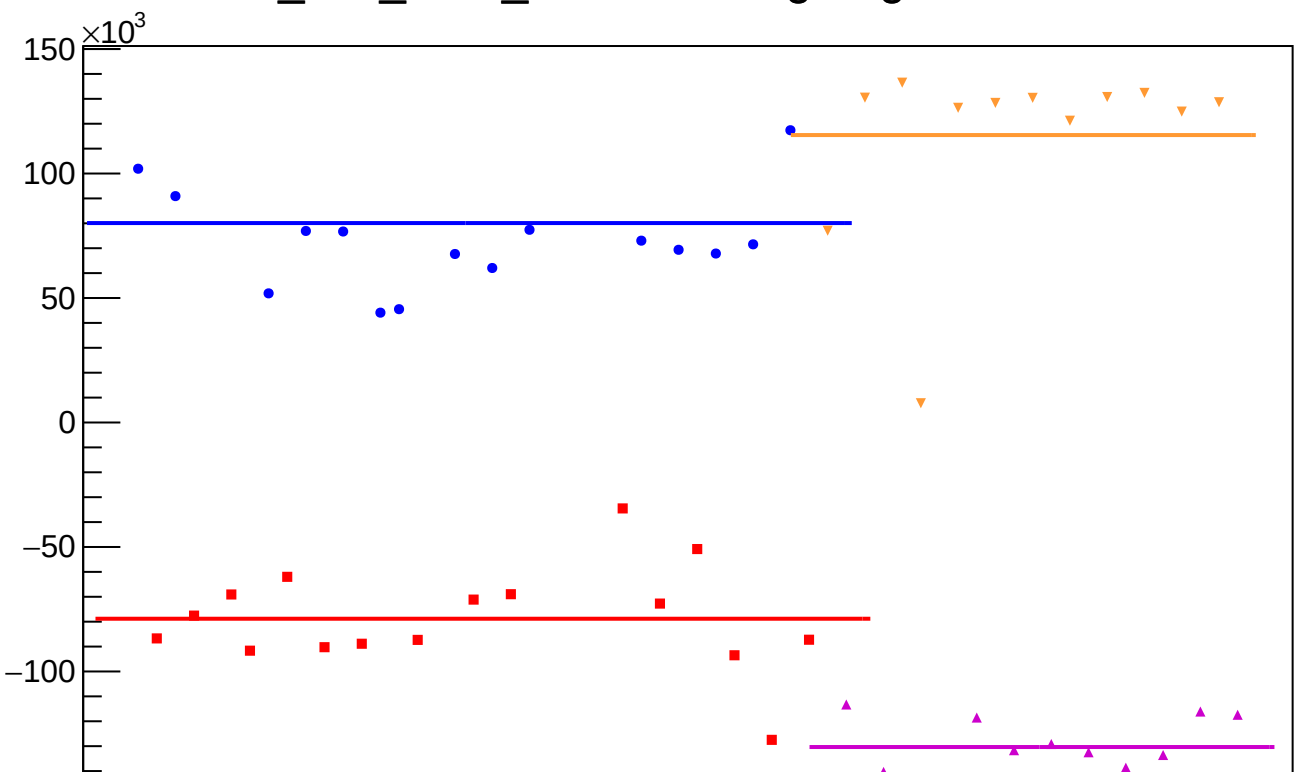
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

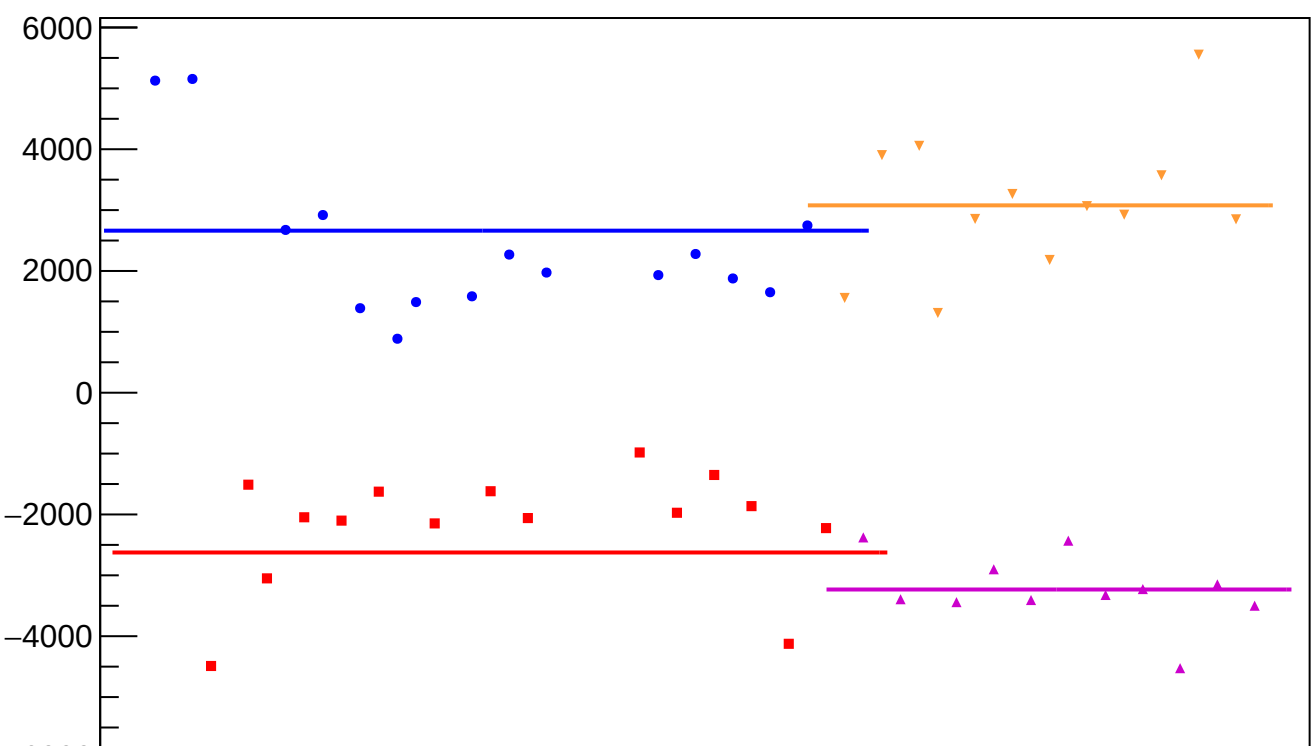
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

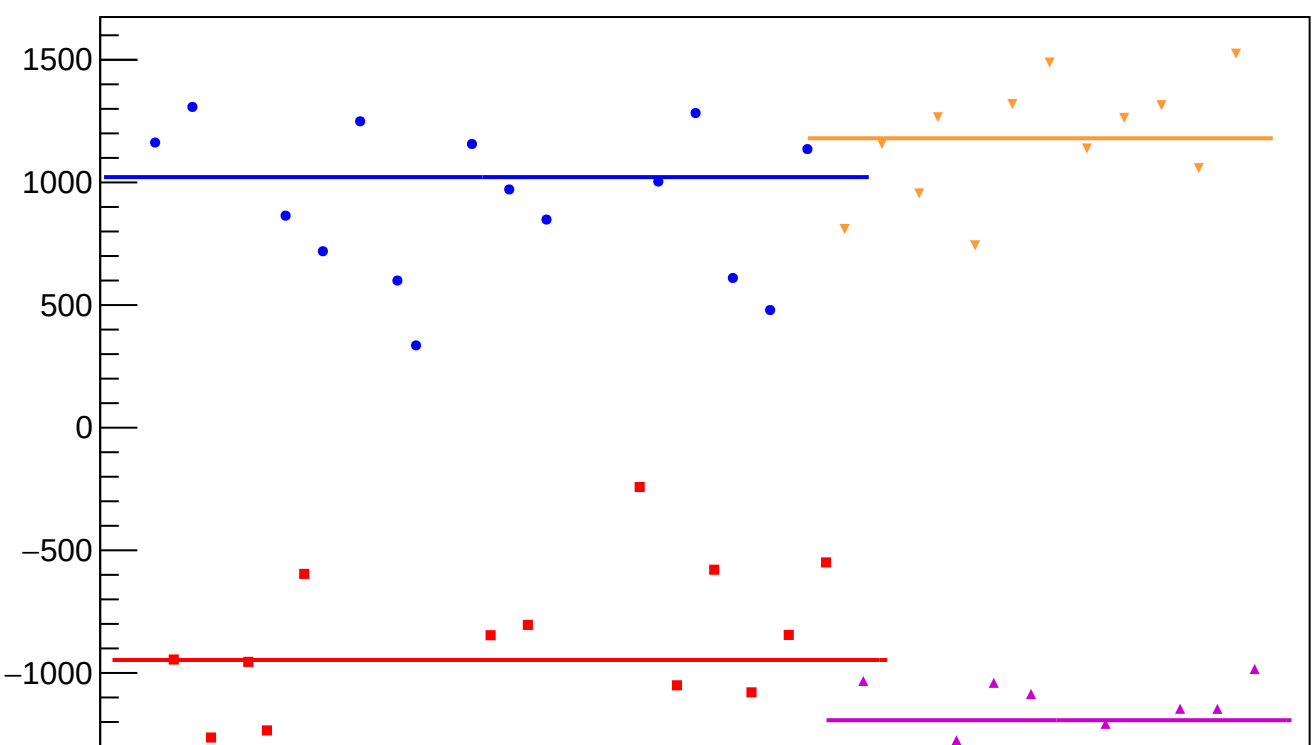
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

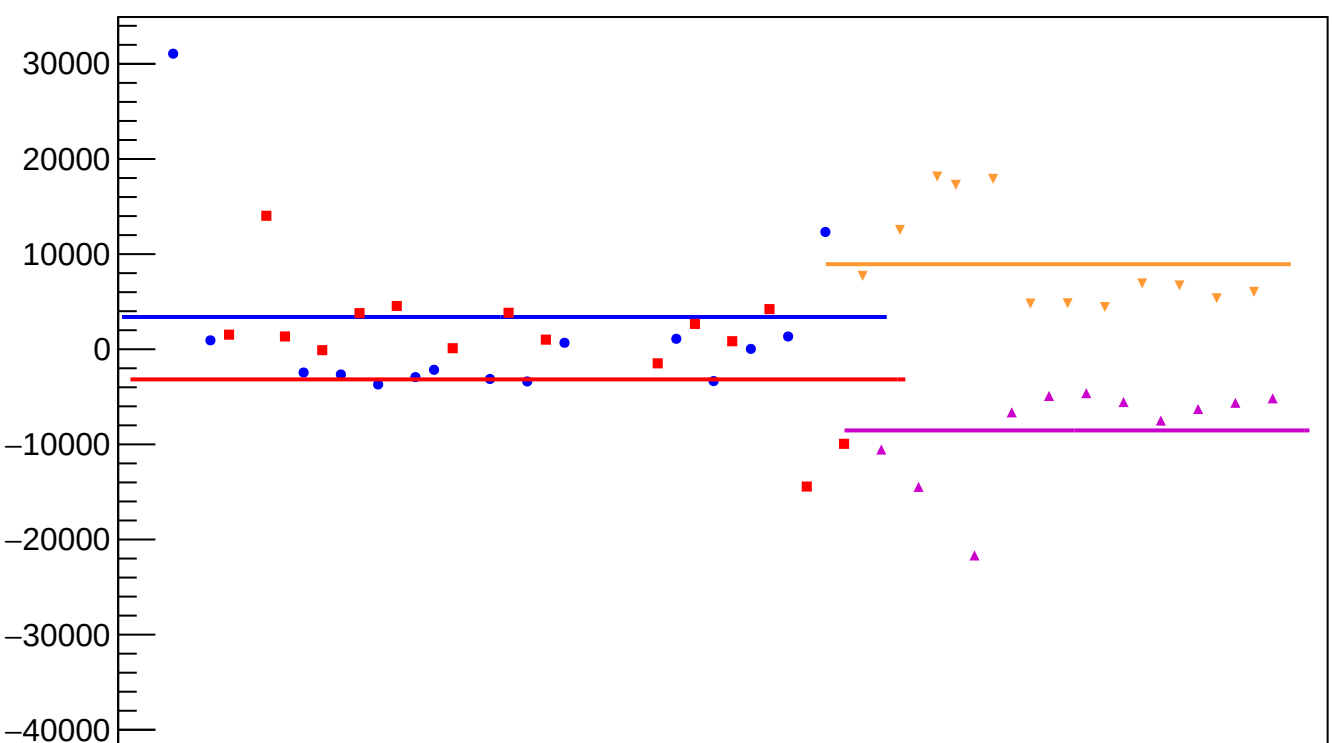
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

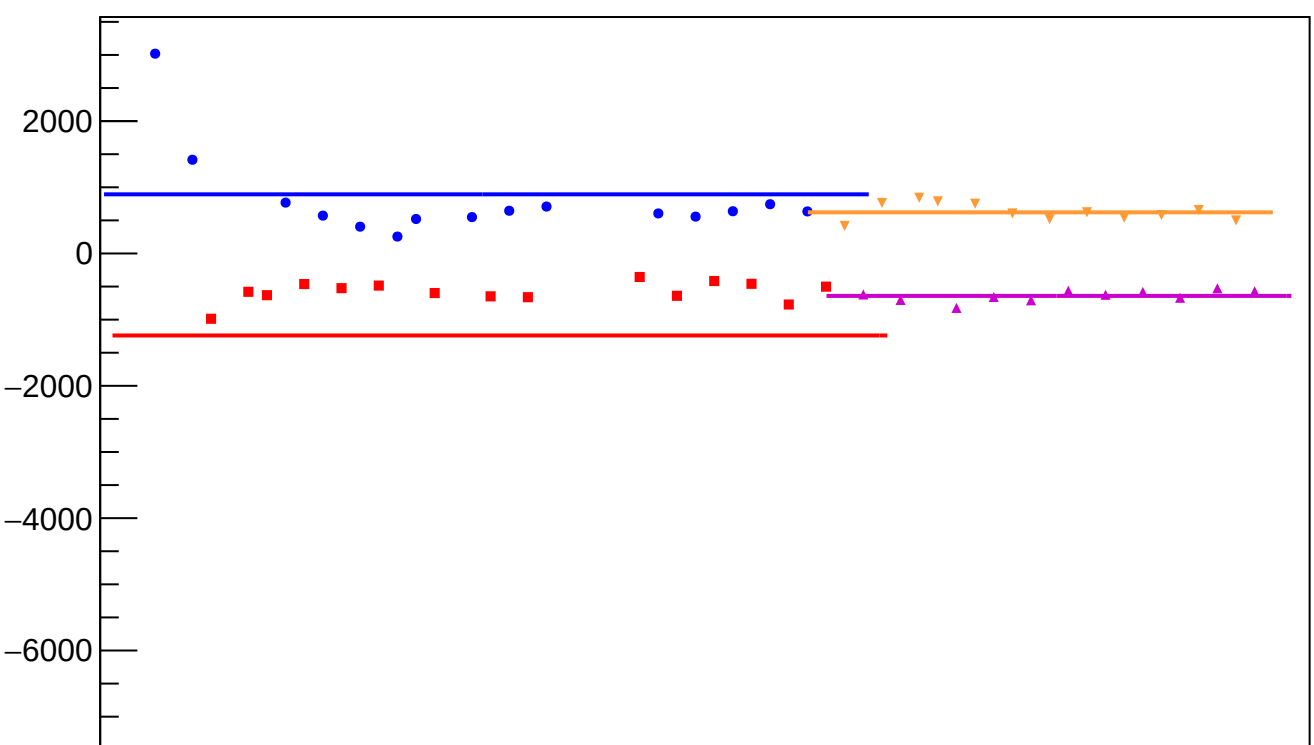
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

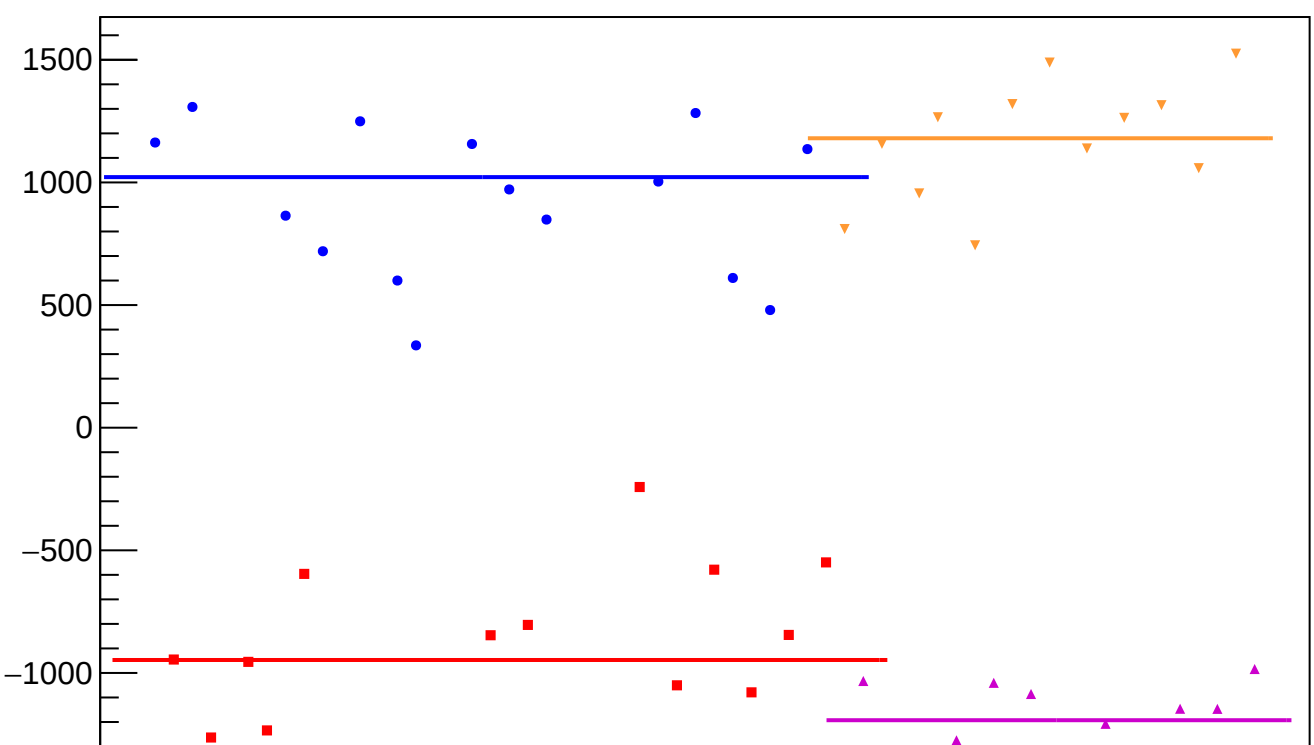
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

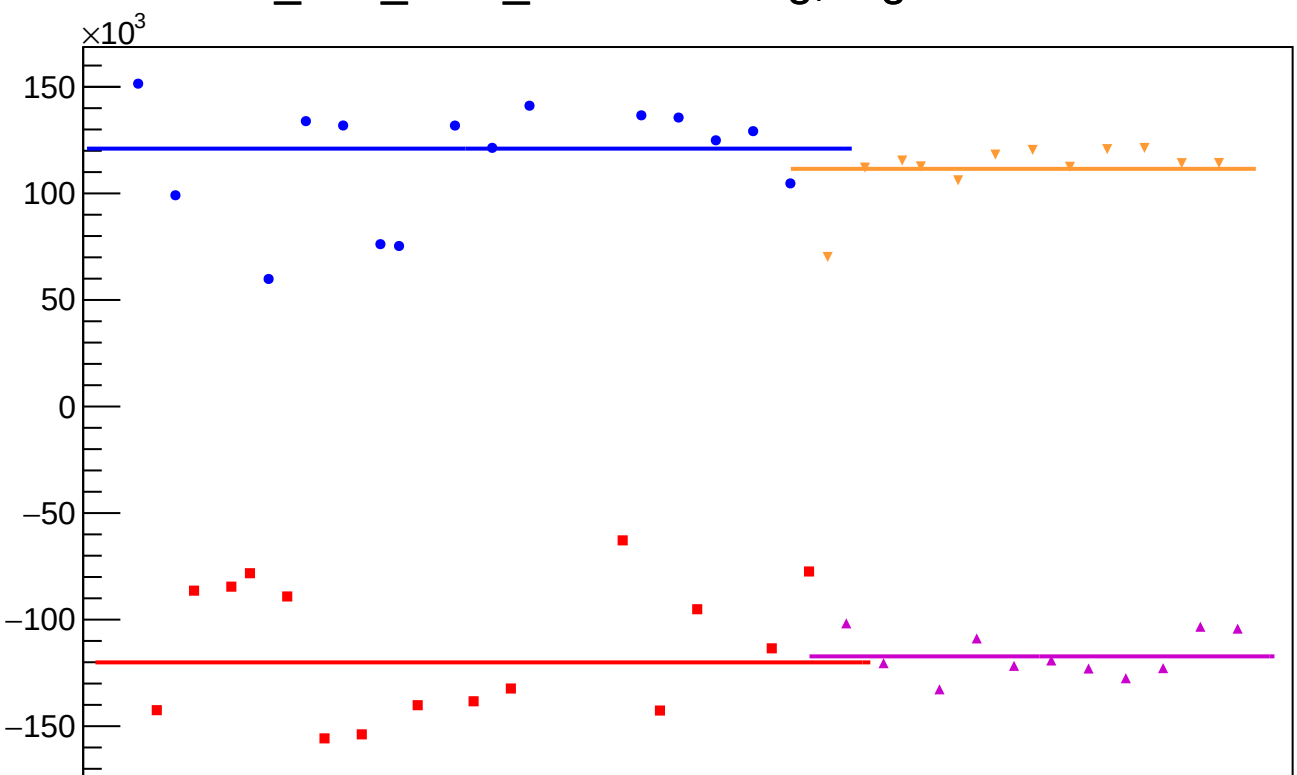
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

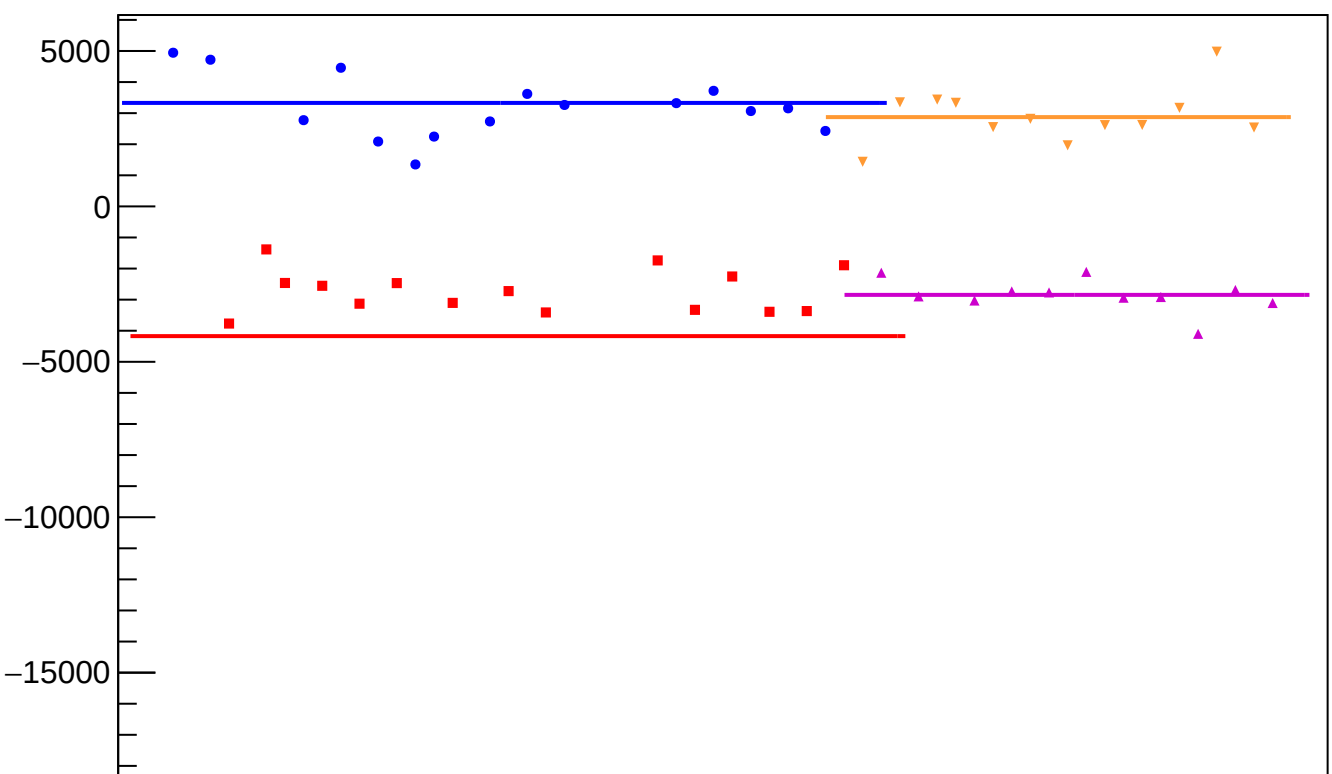
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

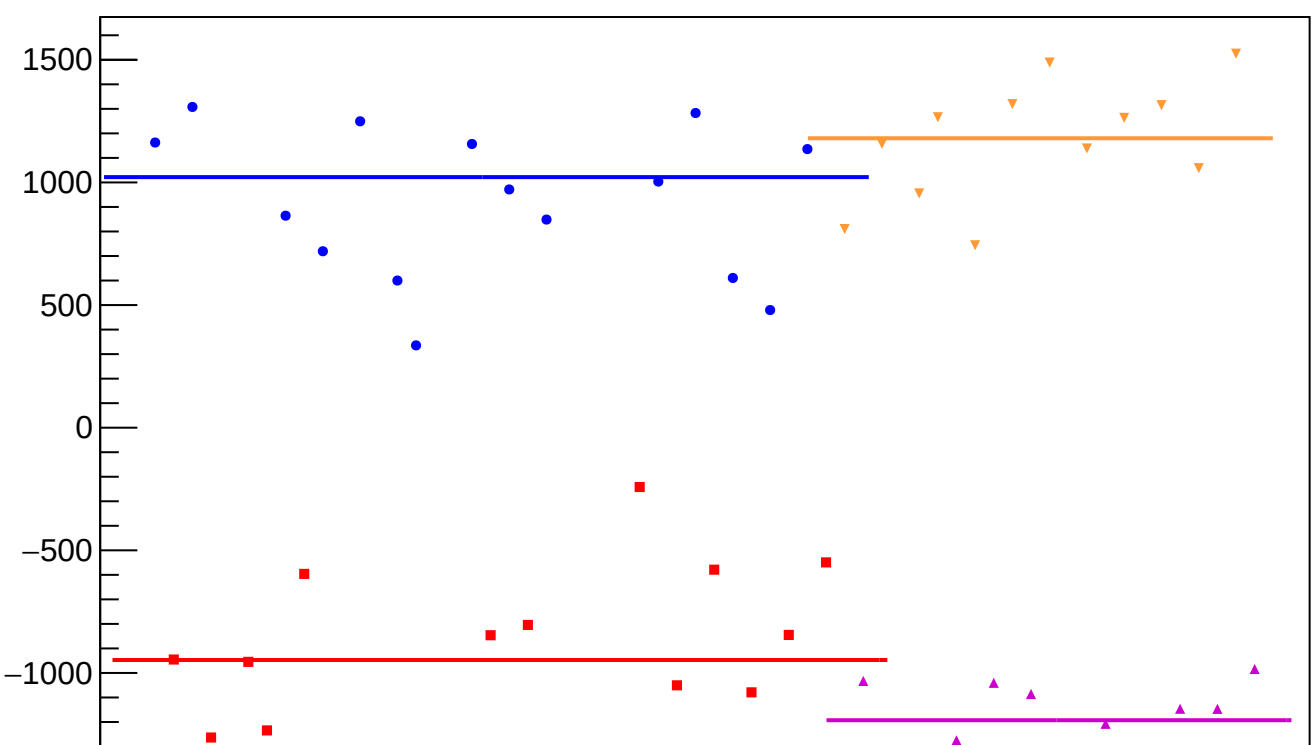
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

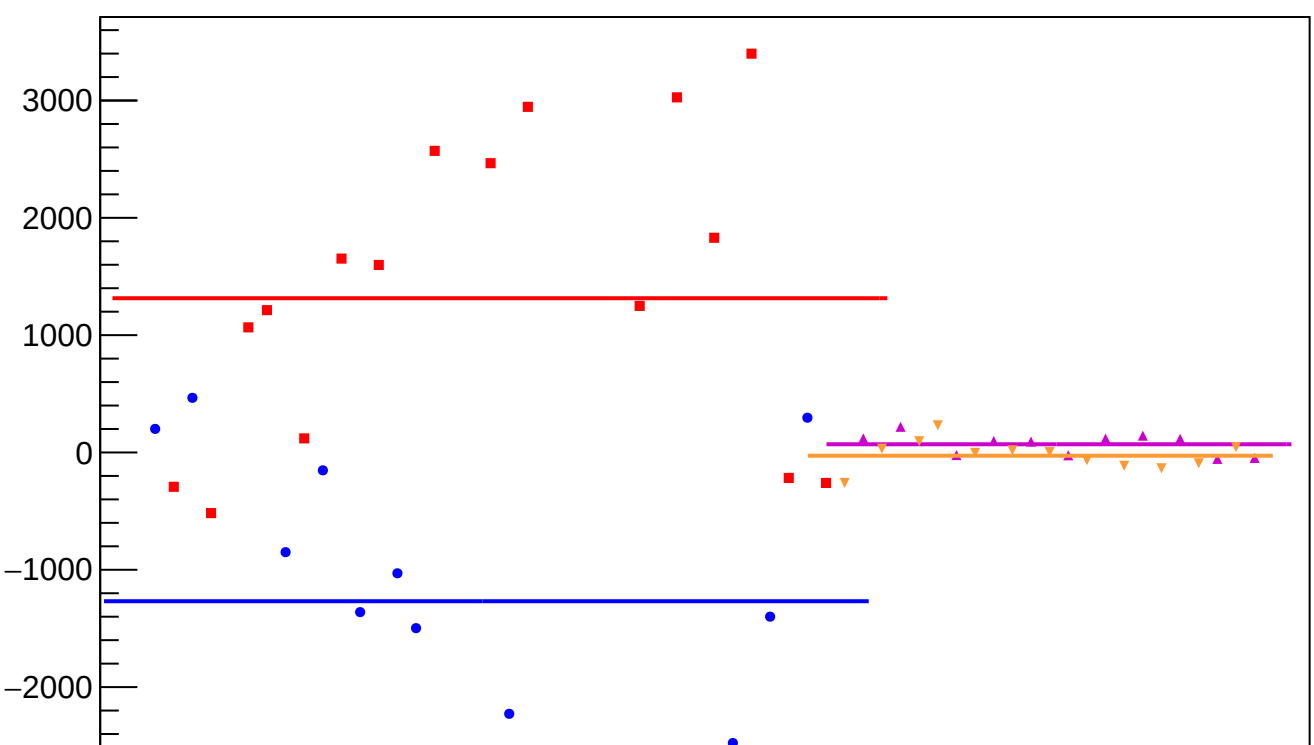
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

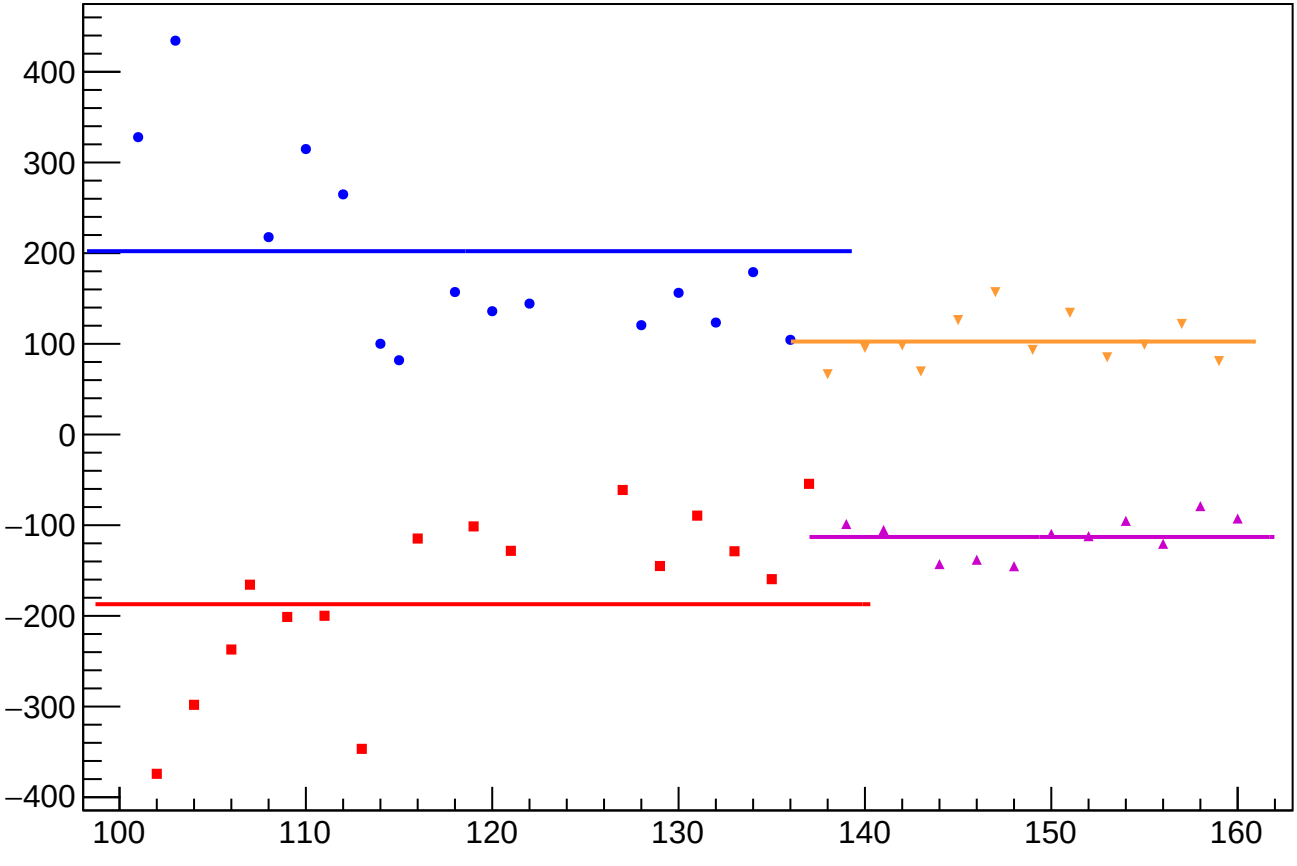
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.337+/-0.000 χ^2/NDF: 2367845786701889
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

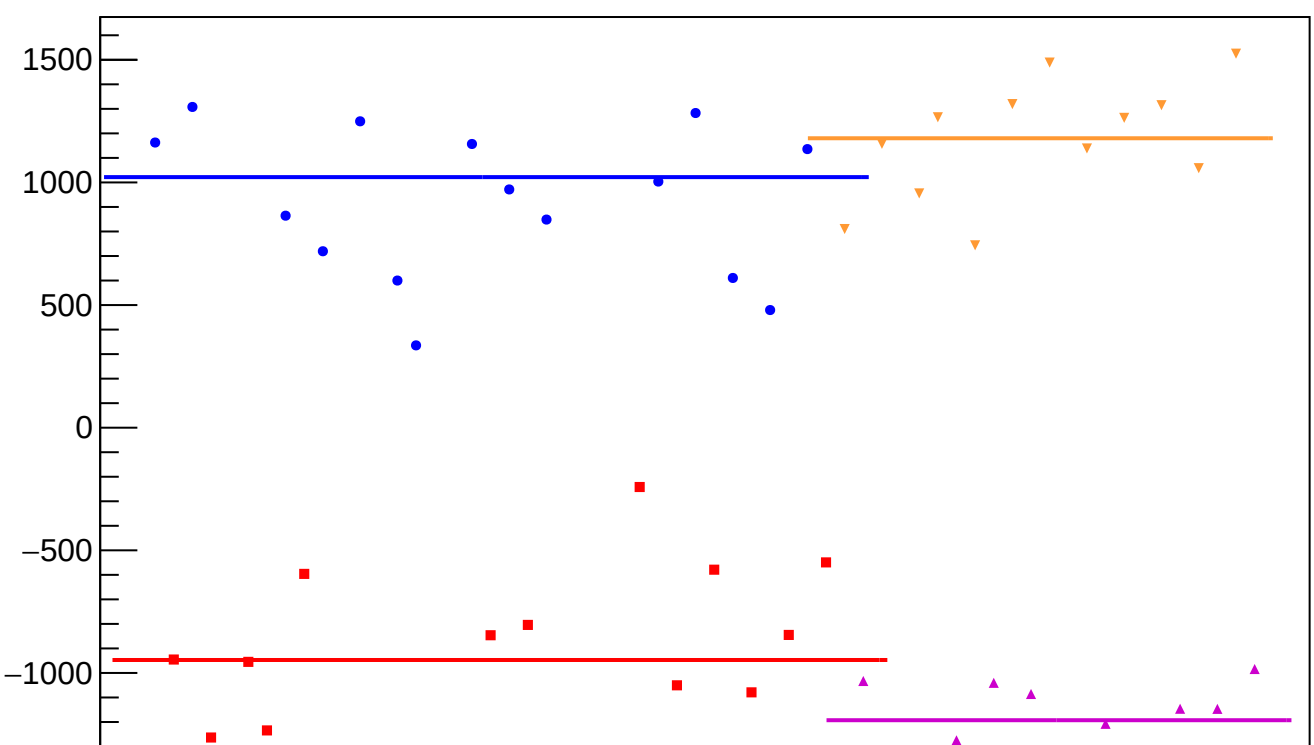
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

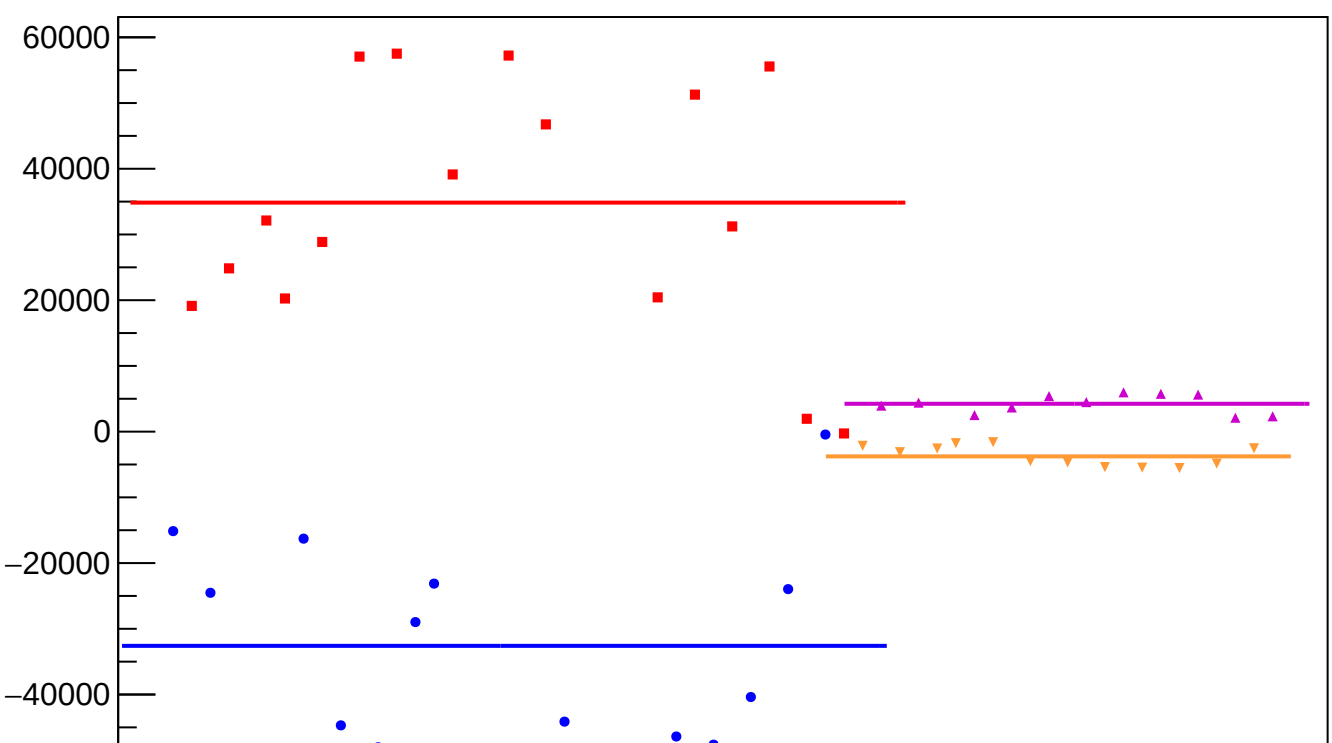
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

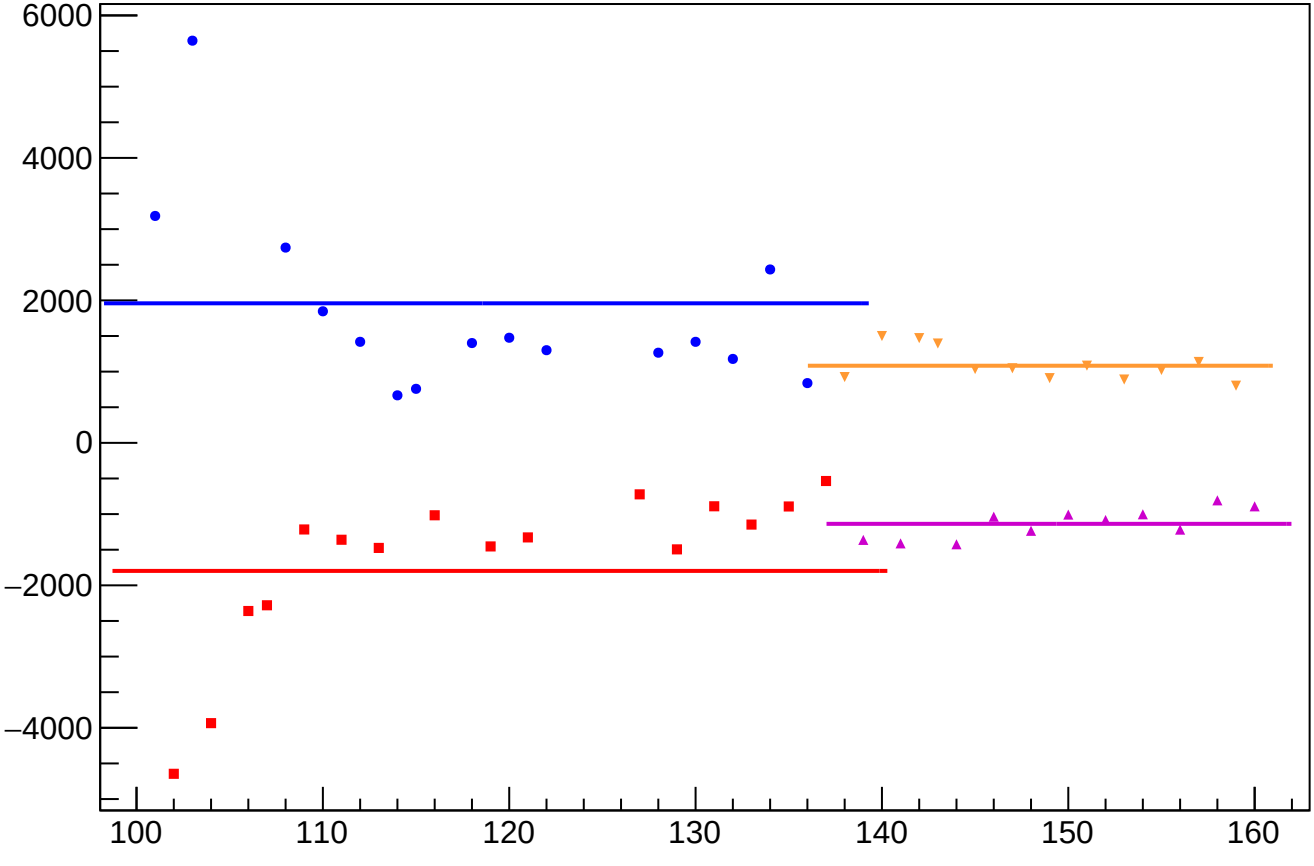
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

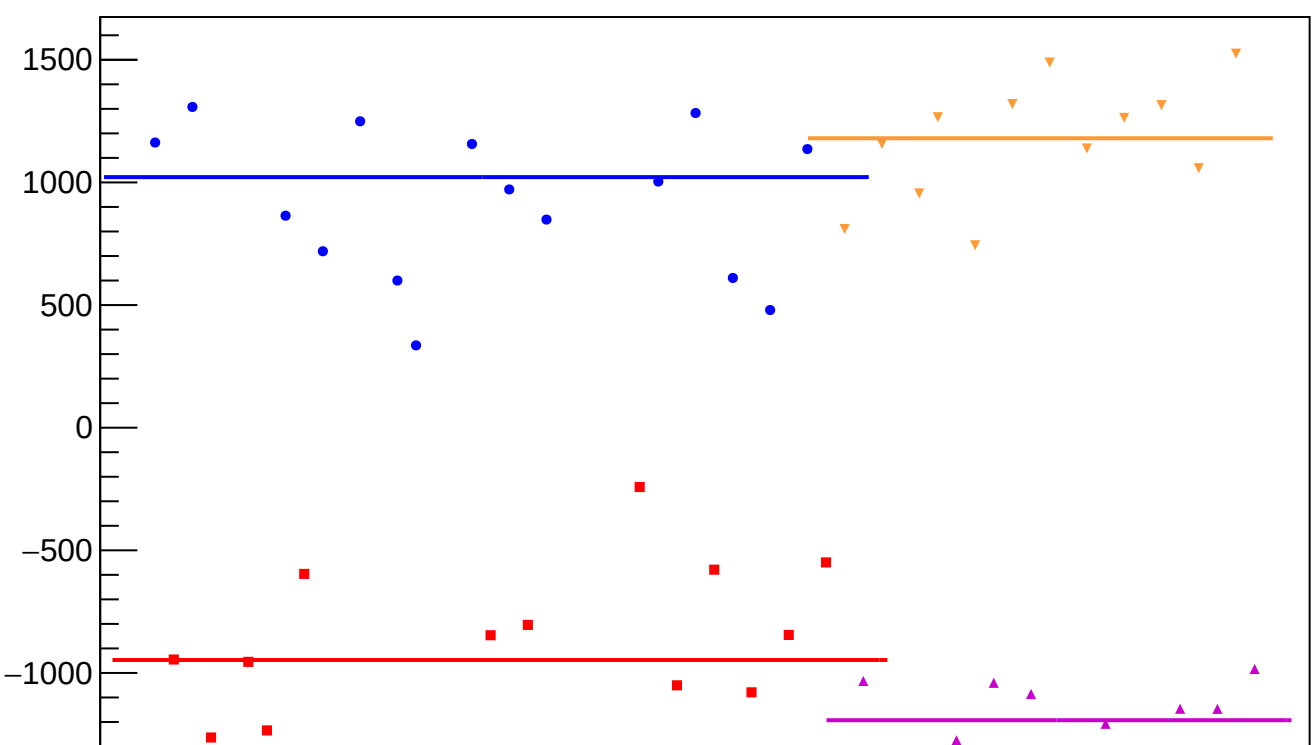
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

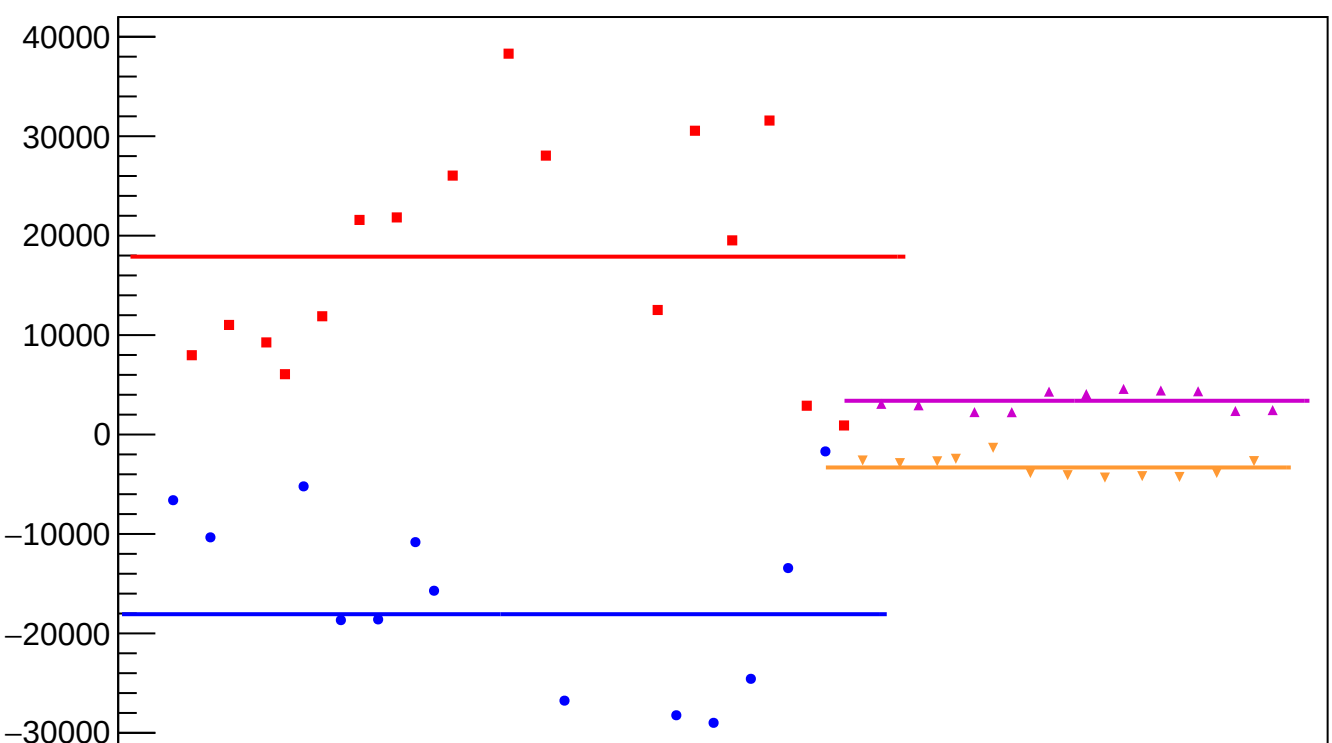
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

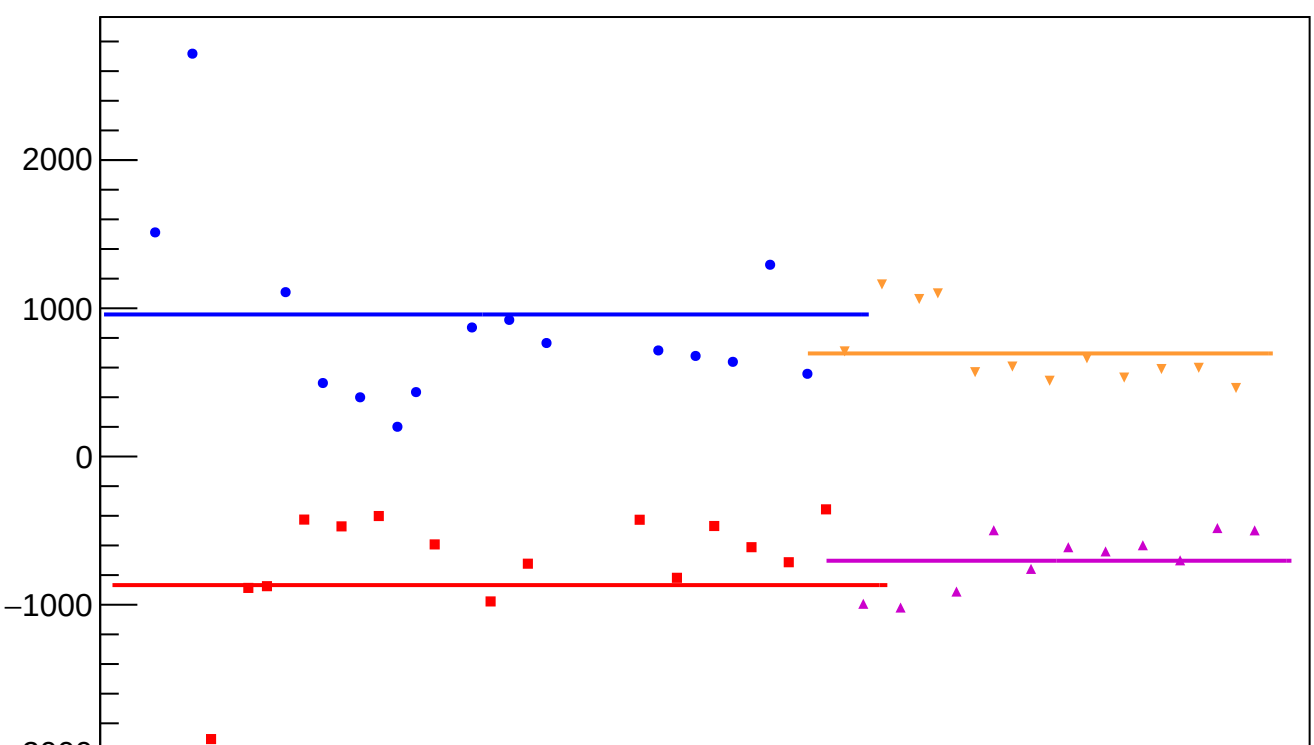
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

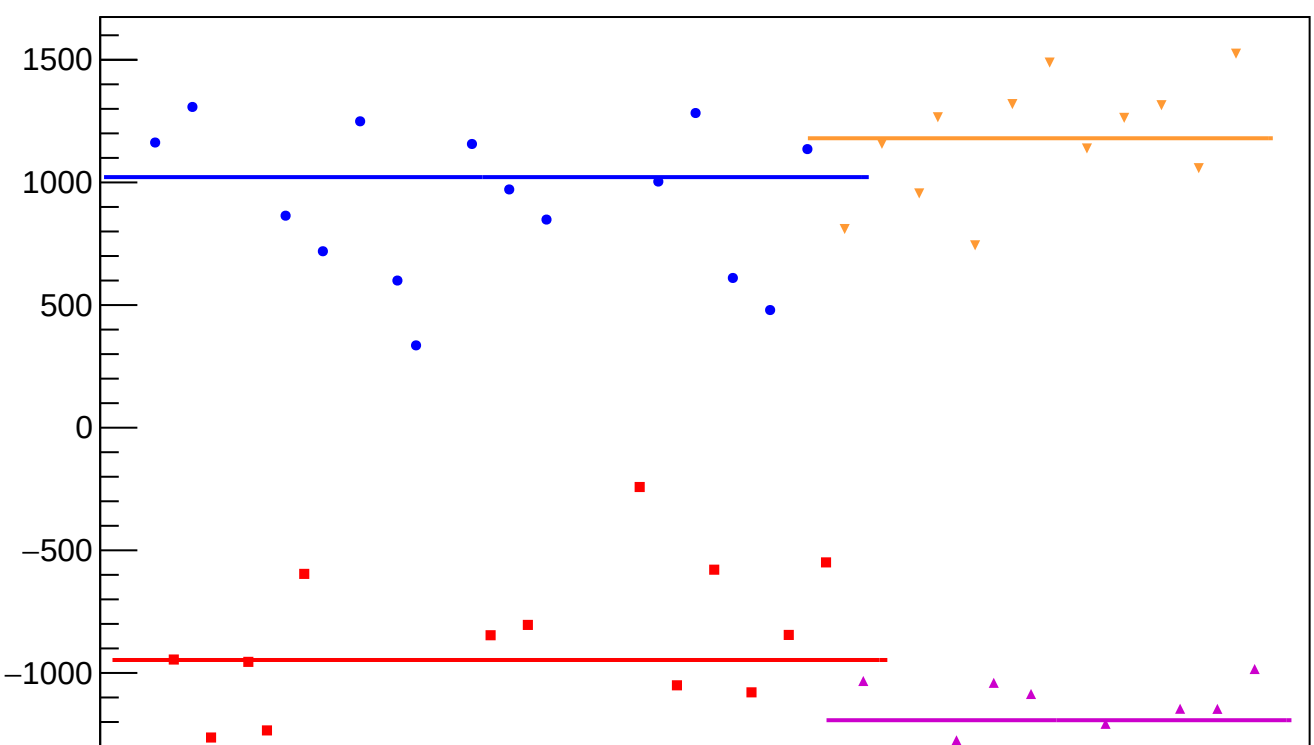
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

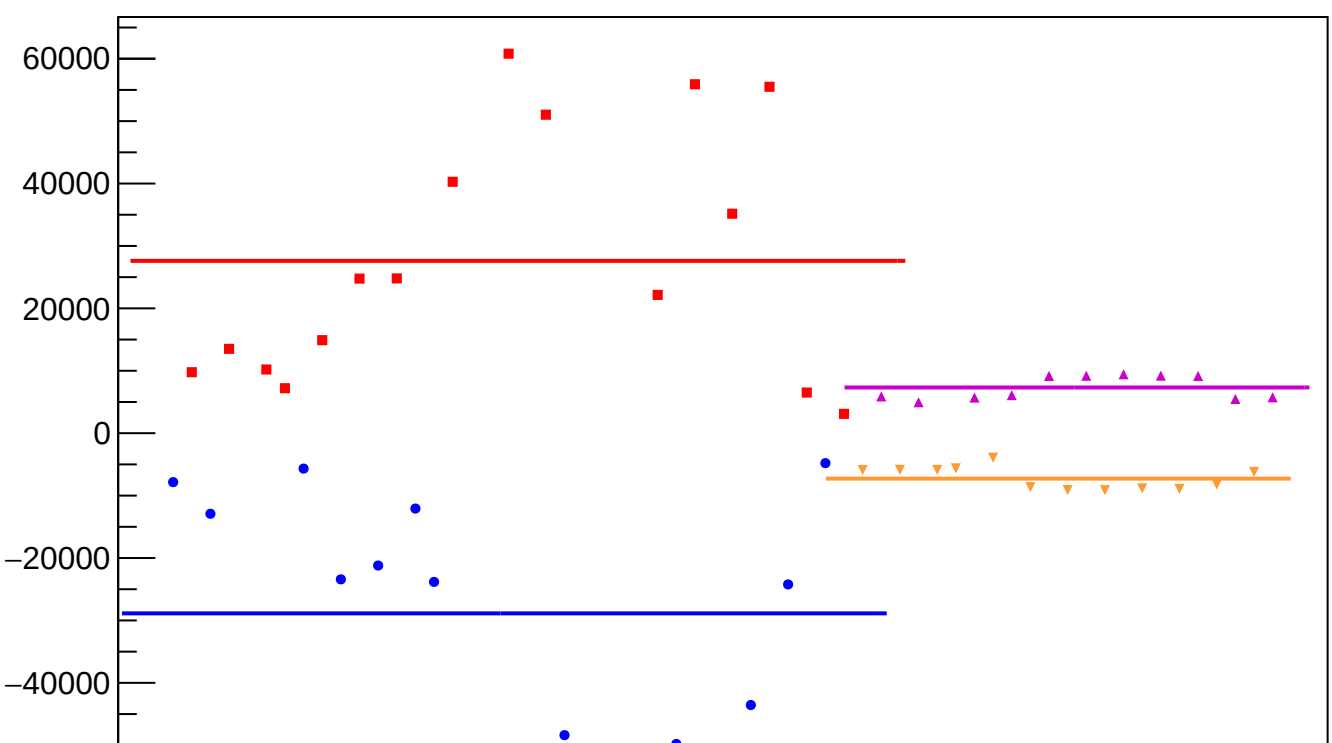
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

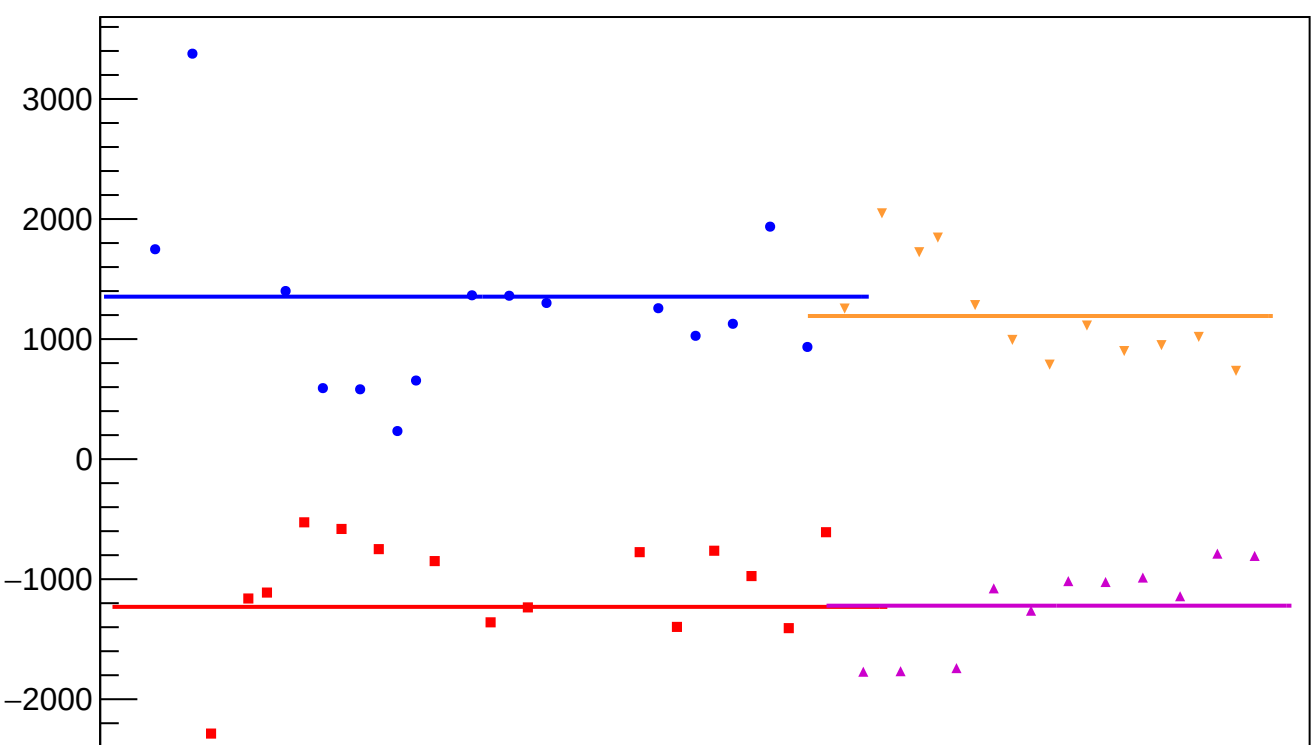
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

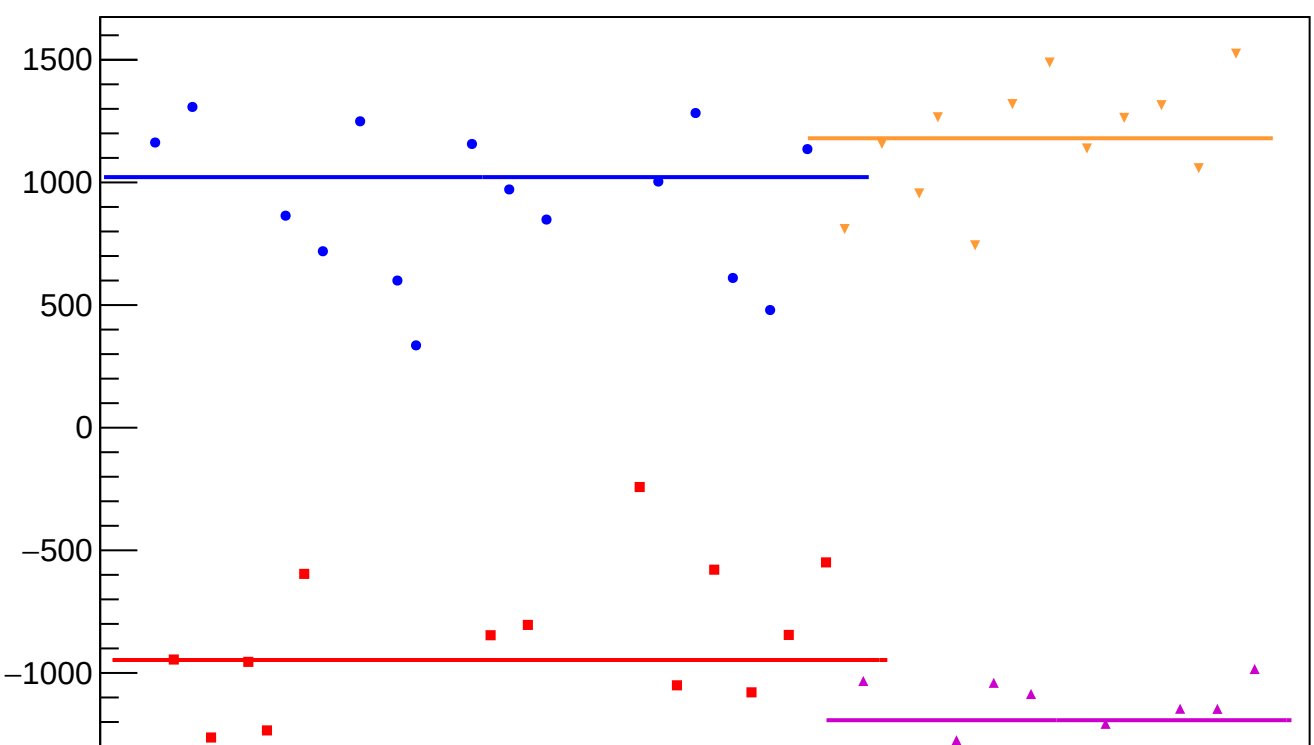
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

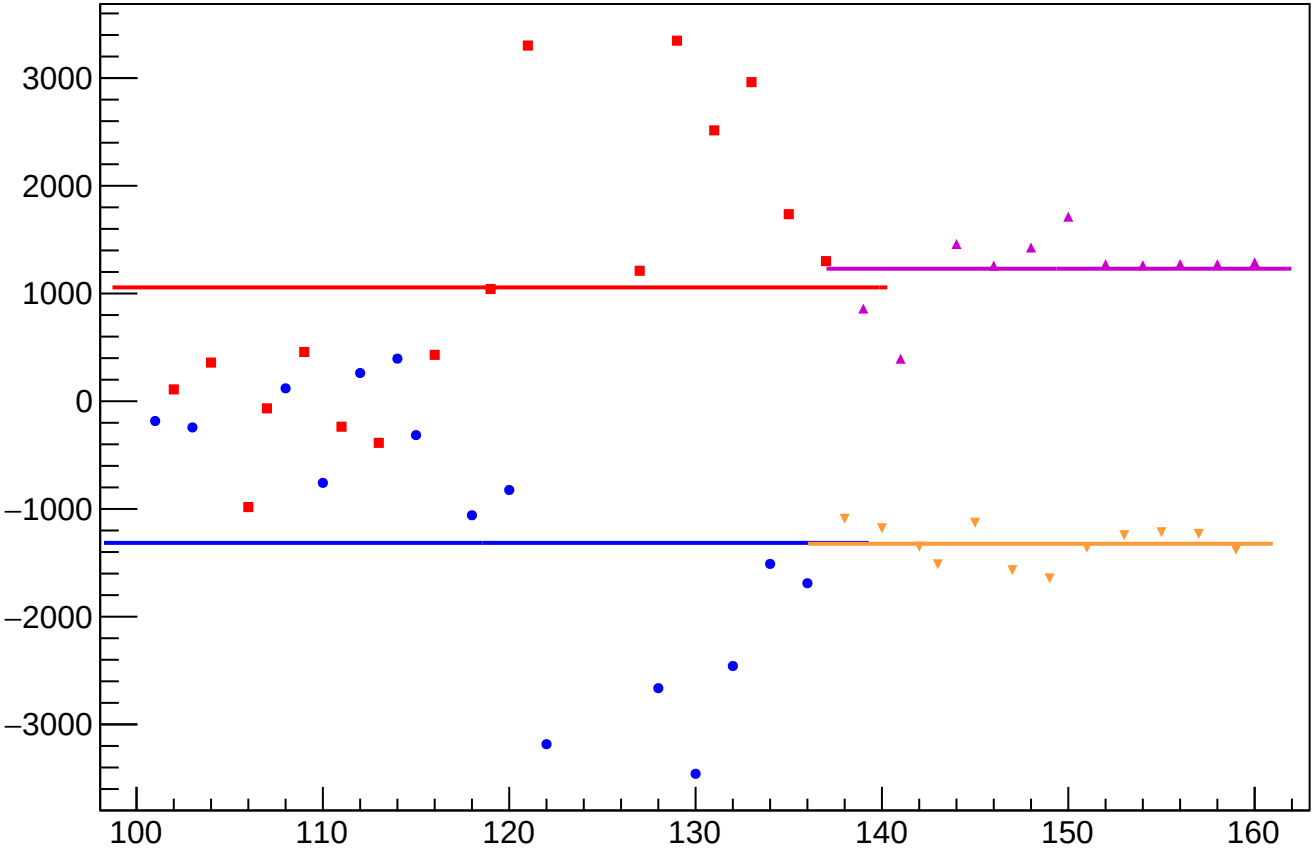
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

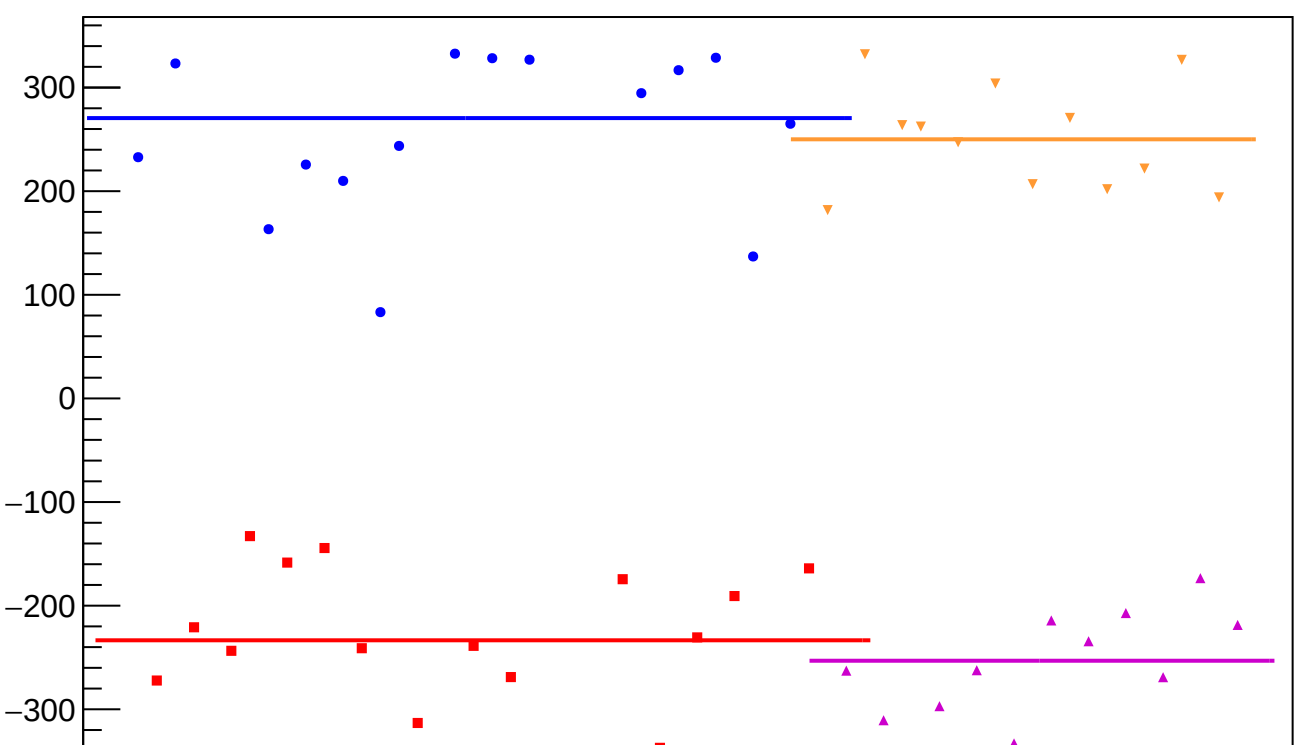
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

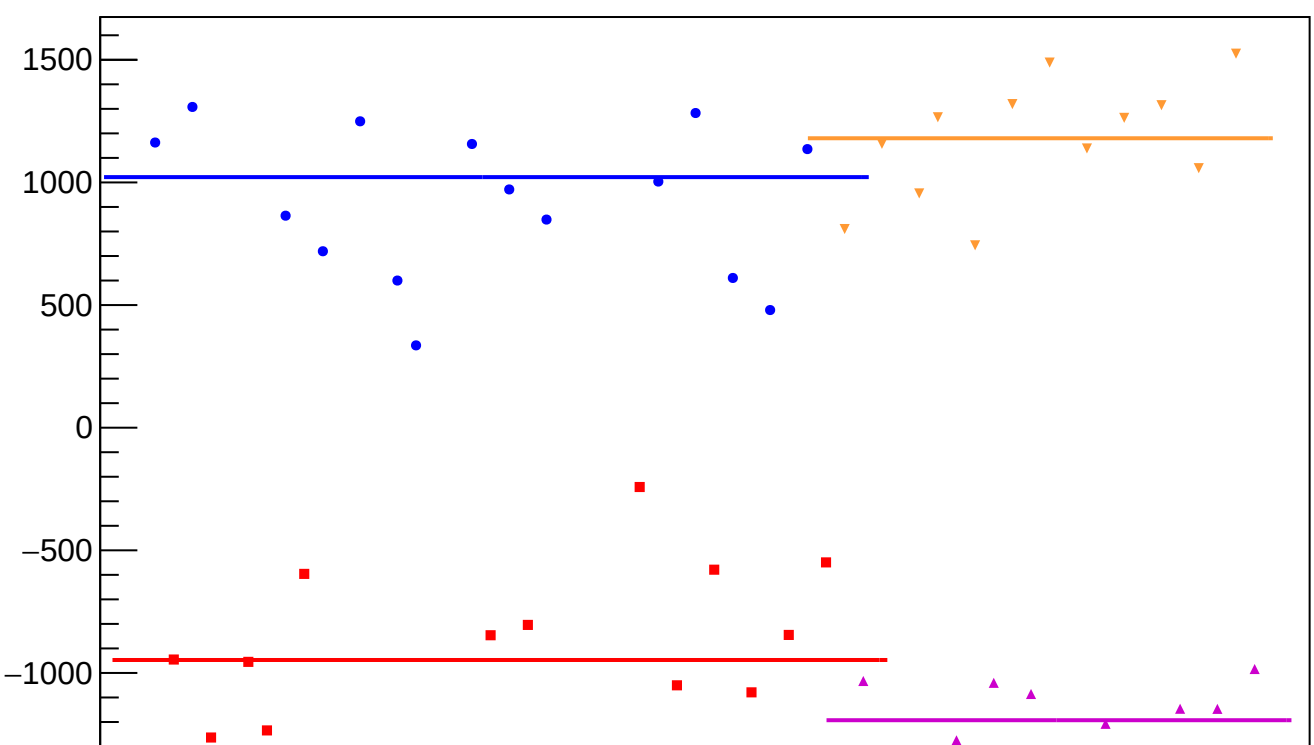
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

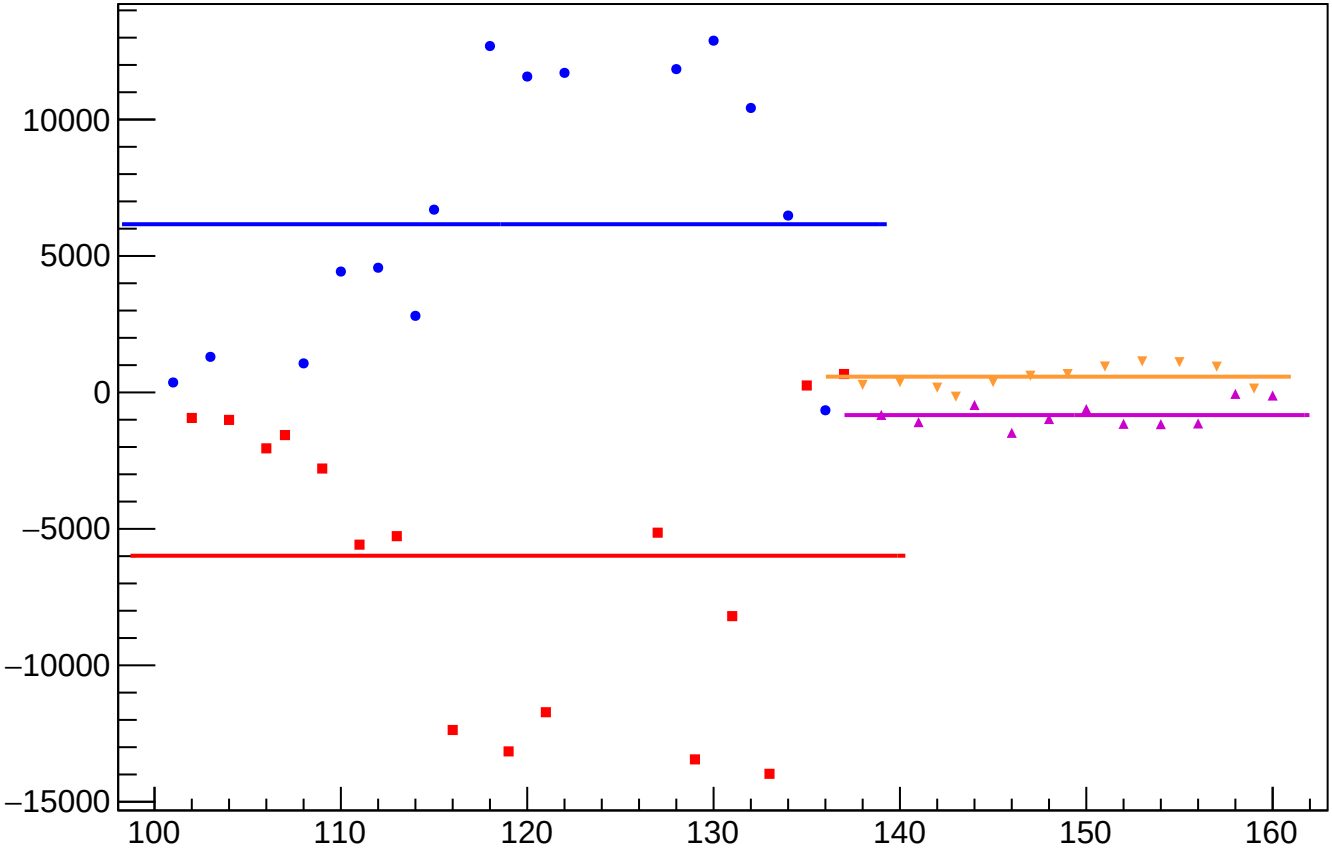
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

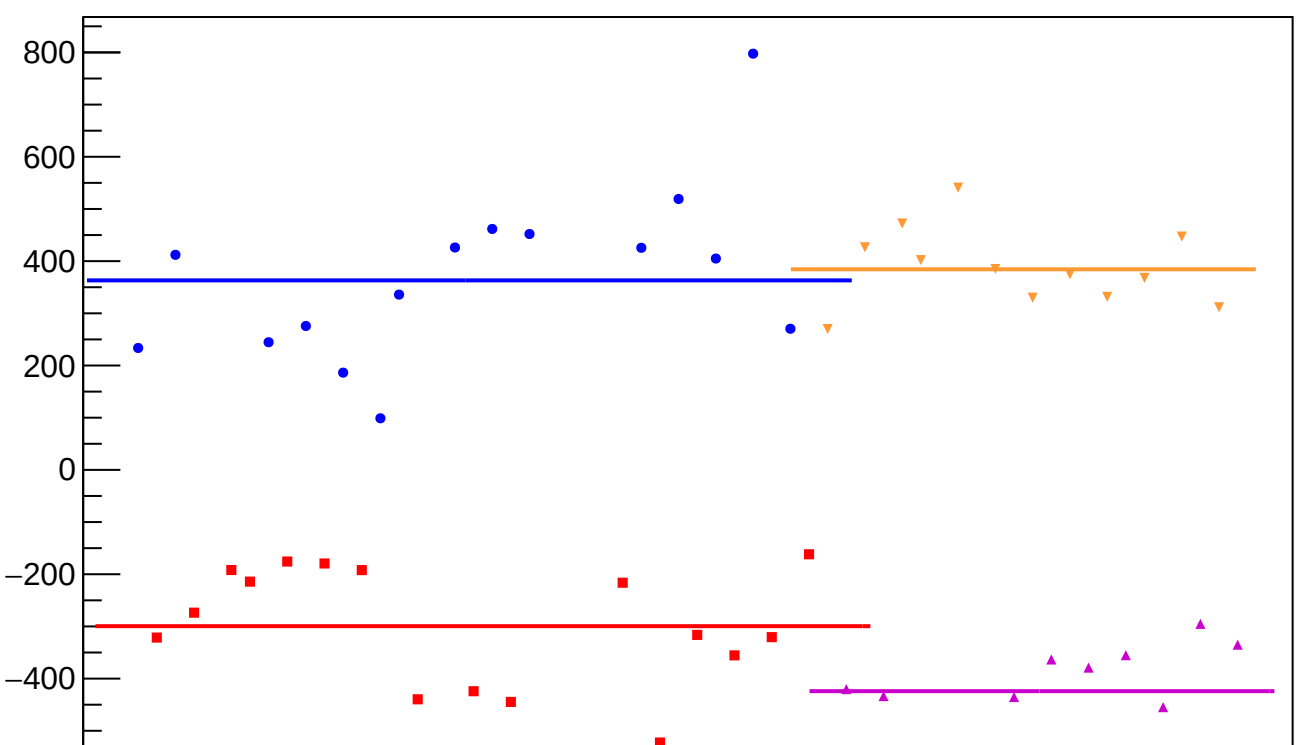
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

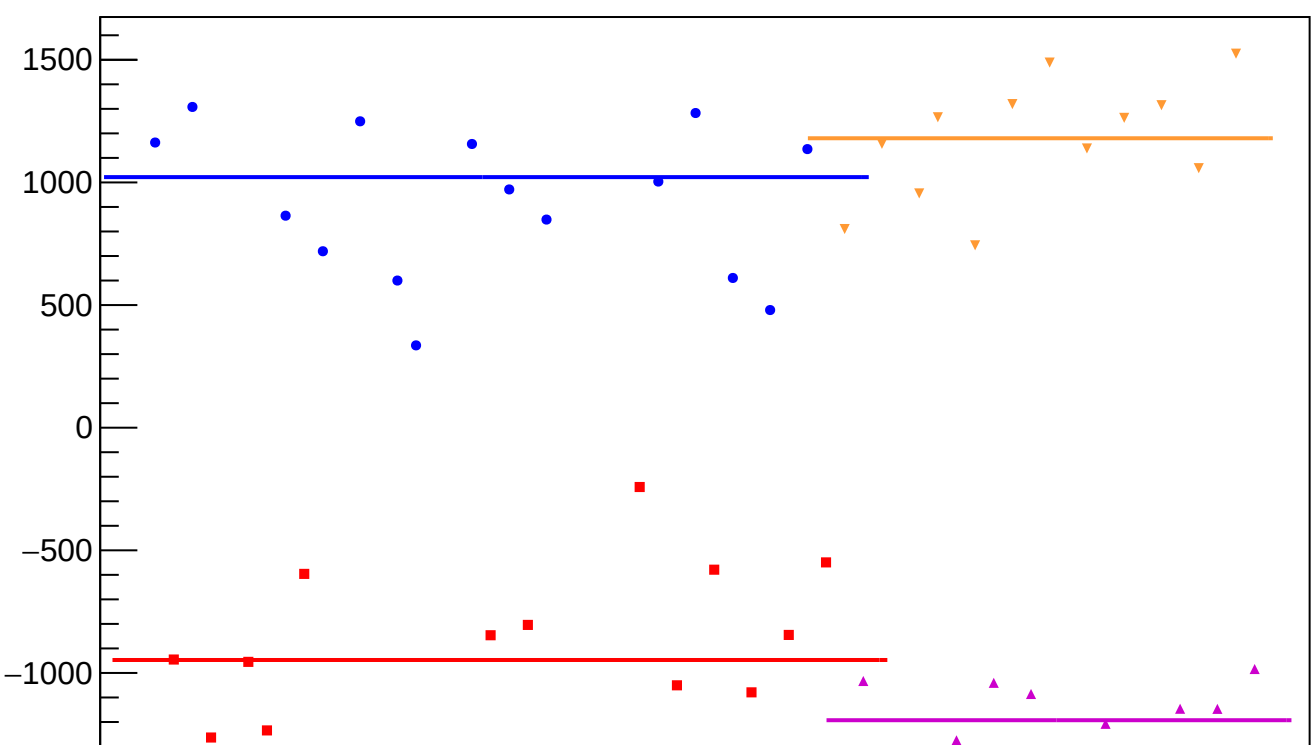
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

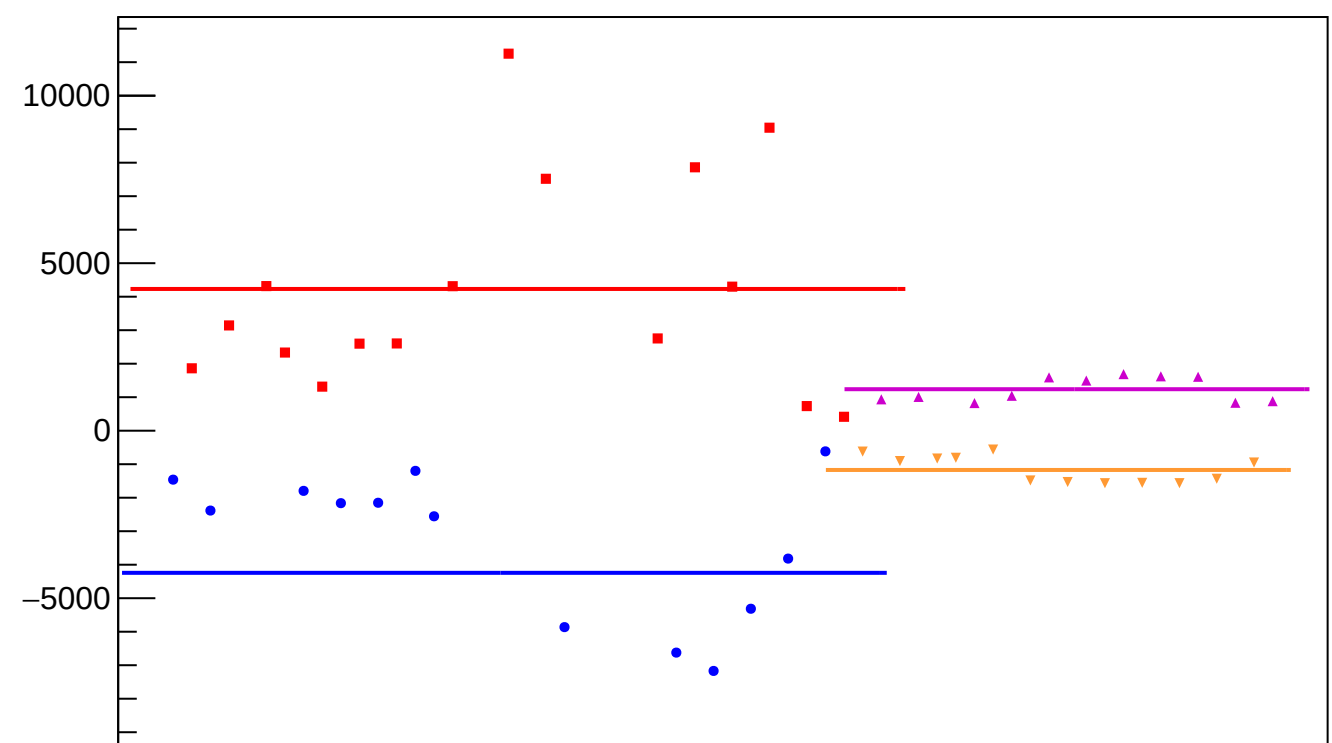
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

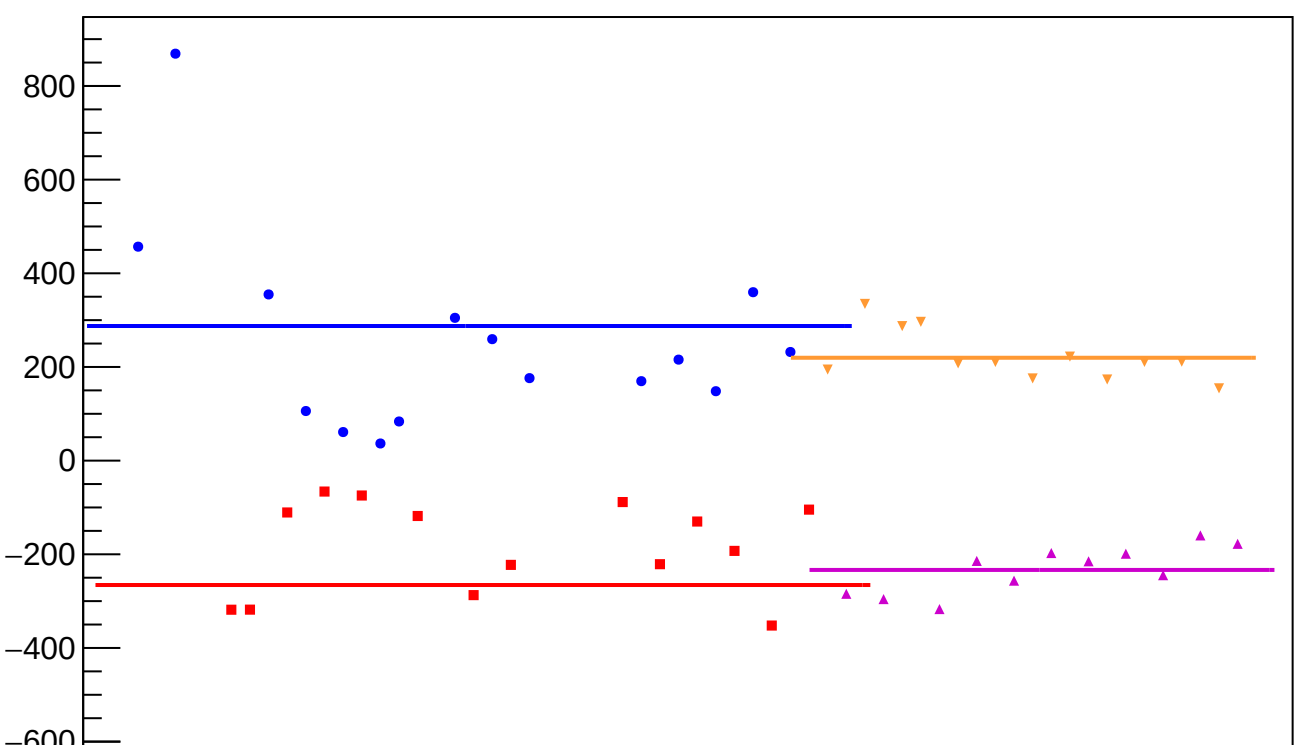
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

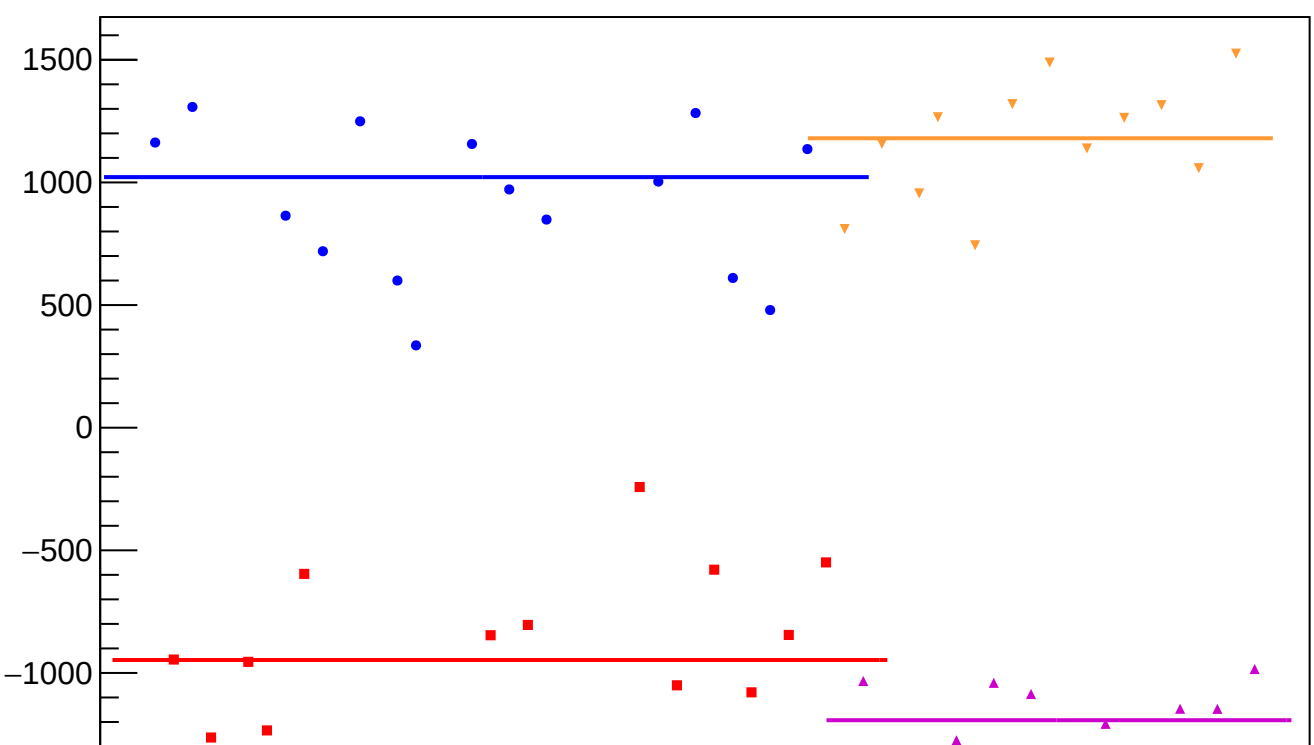
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

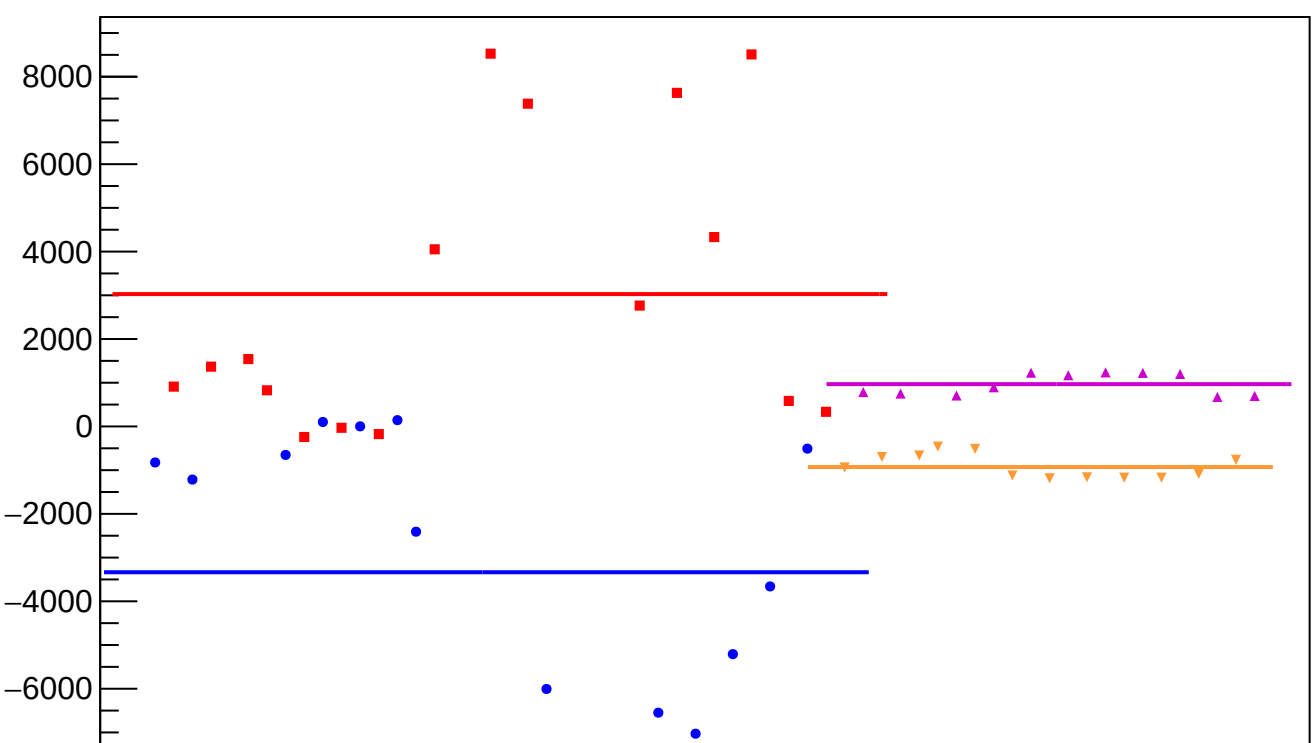
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

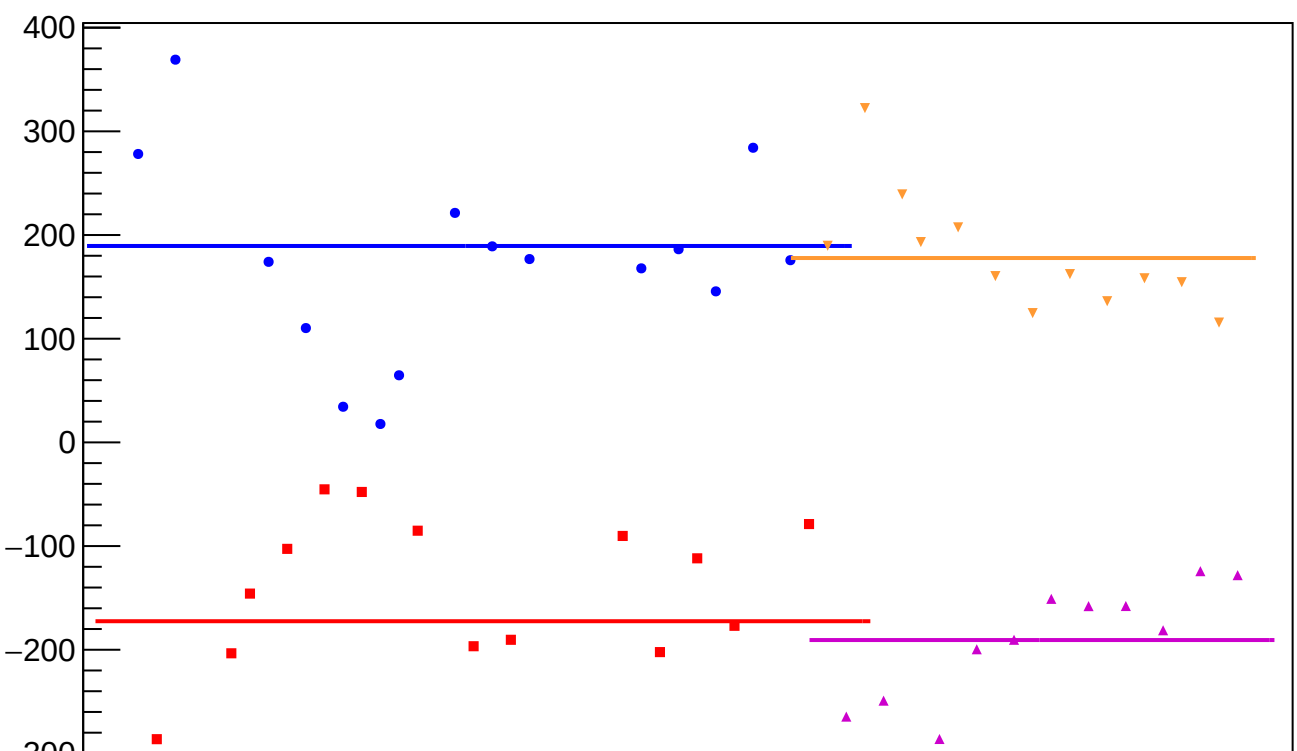
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

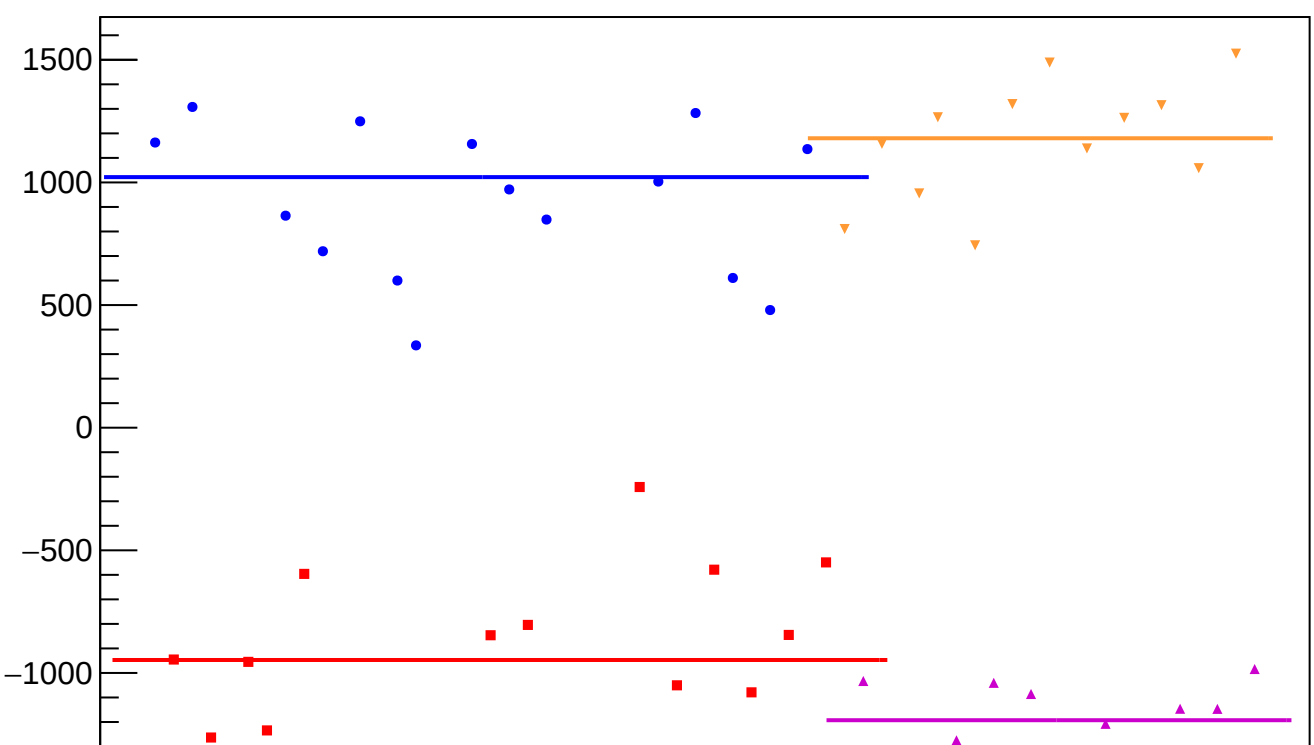
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

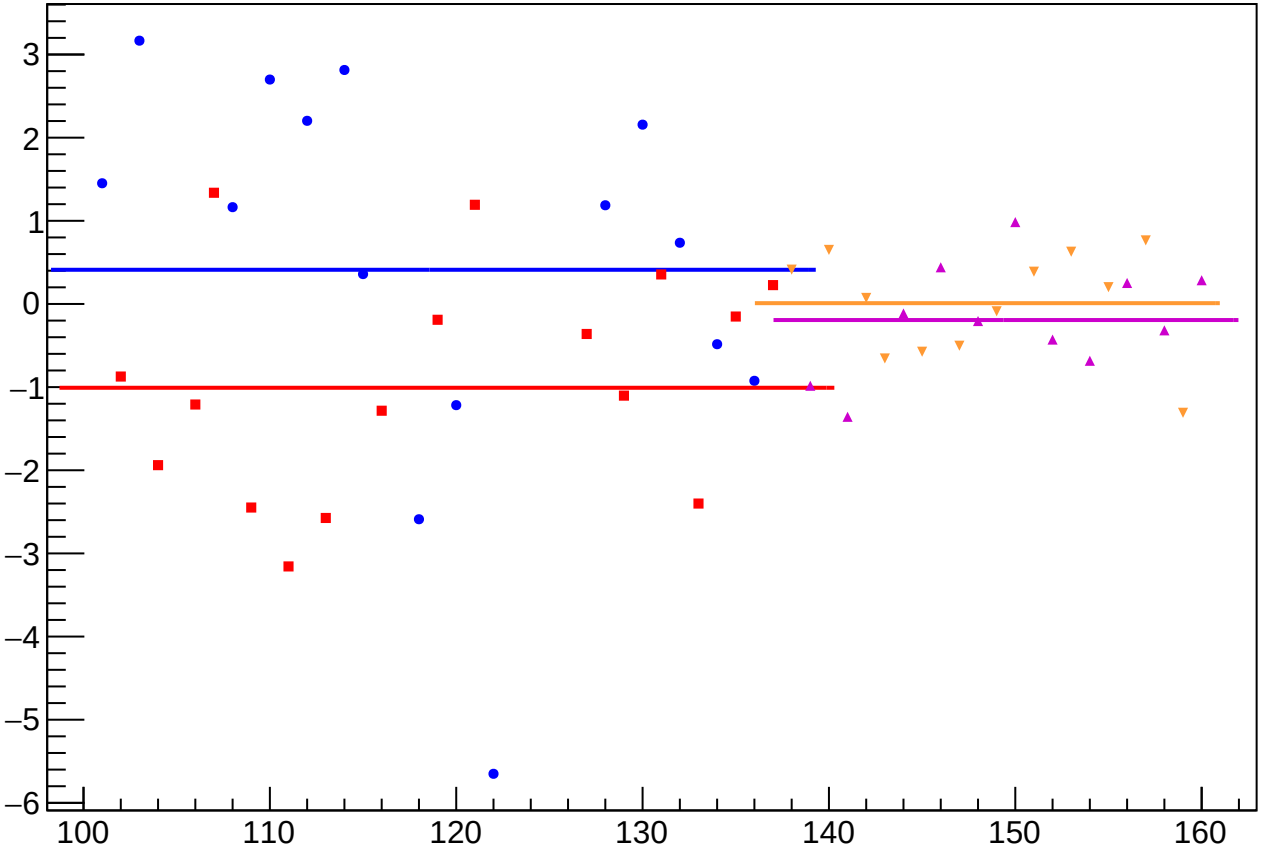
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

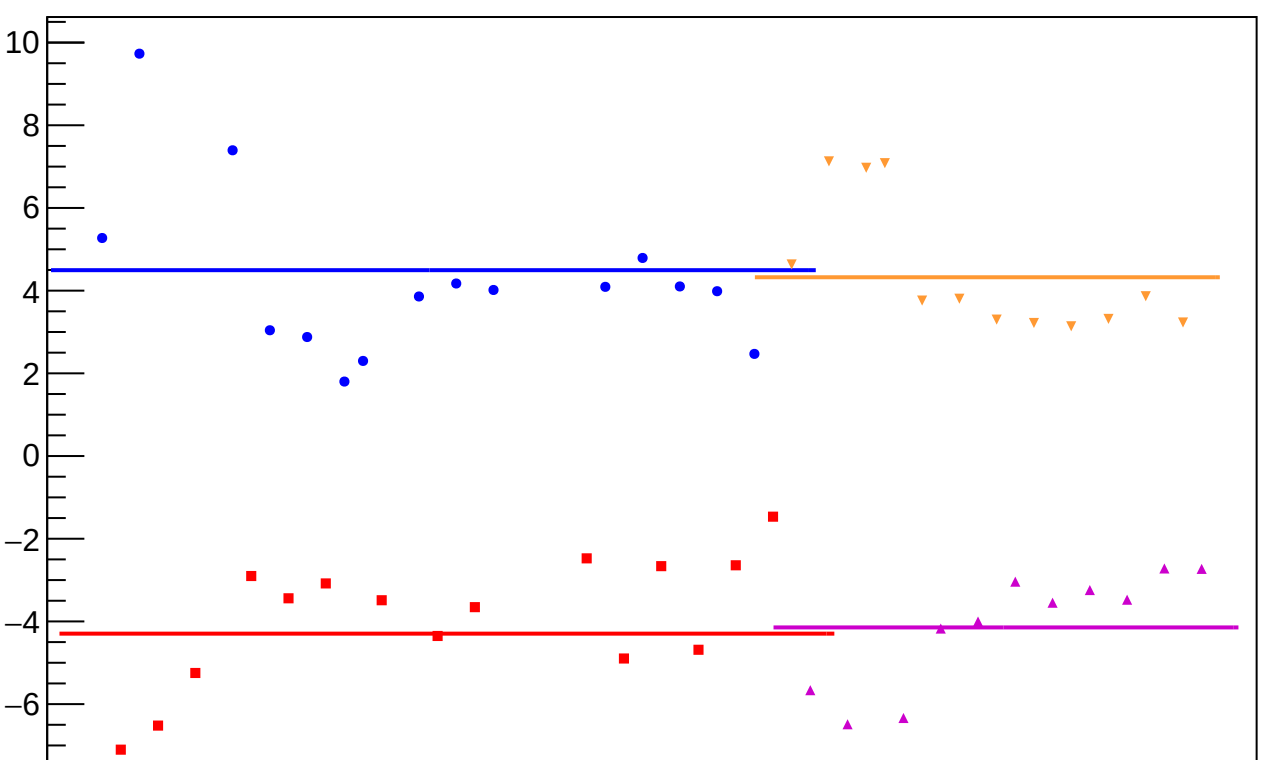
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

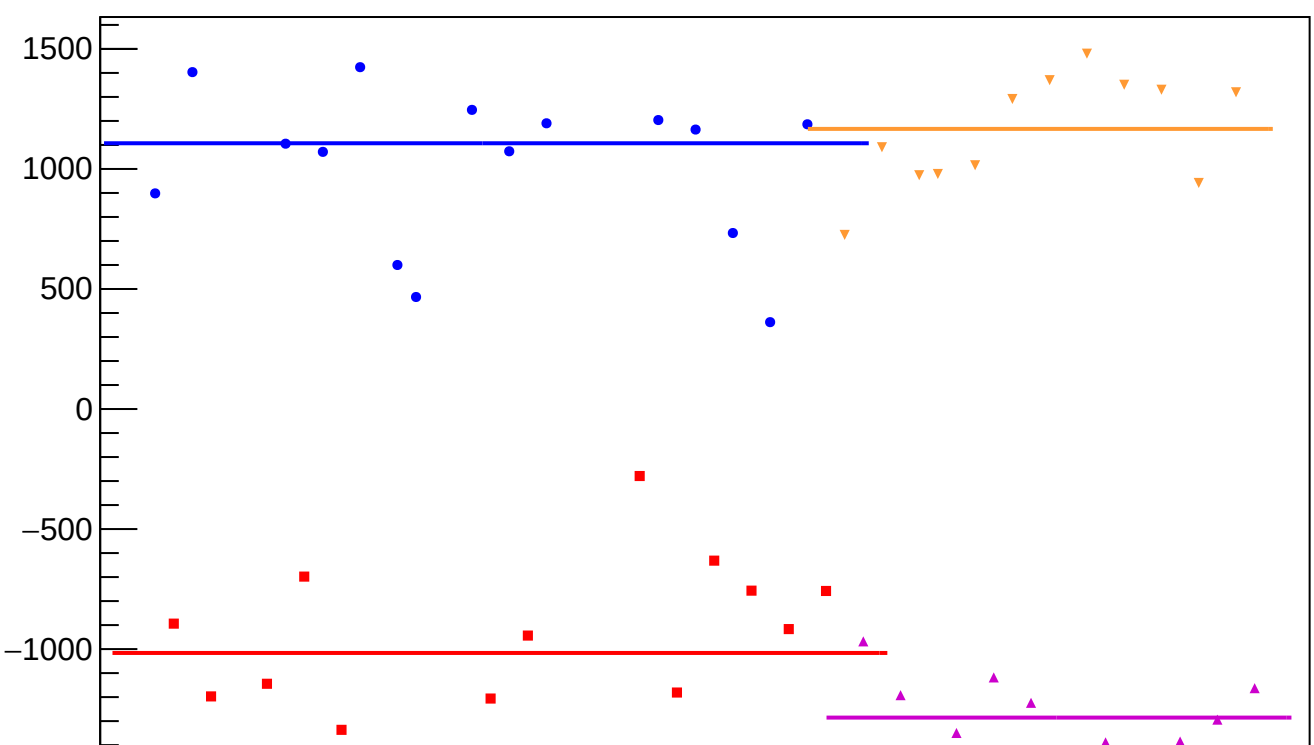
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

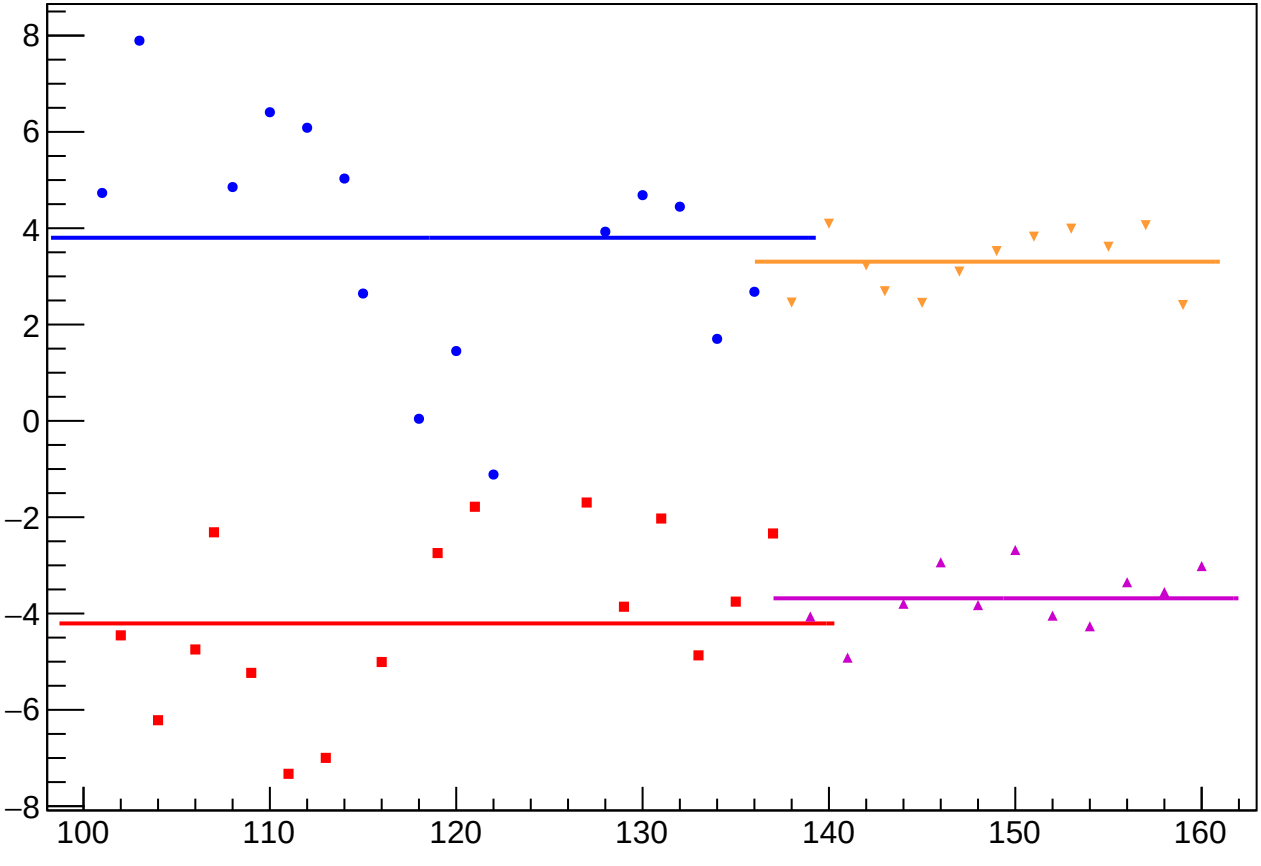
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

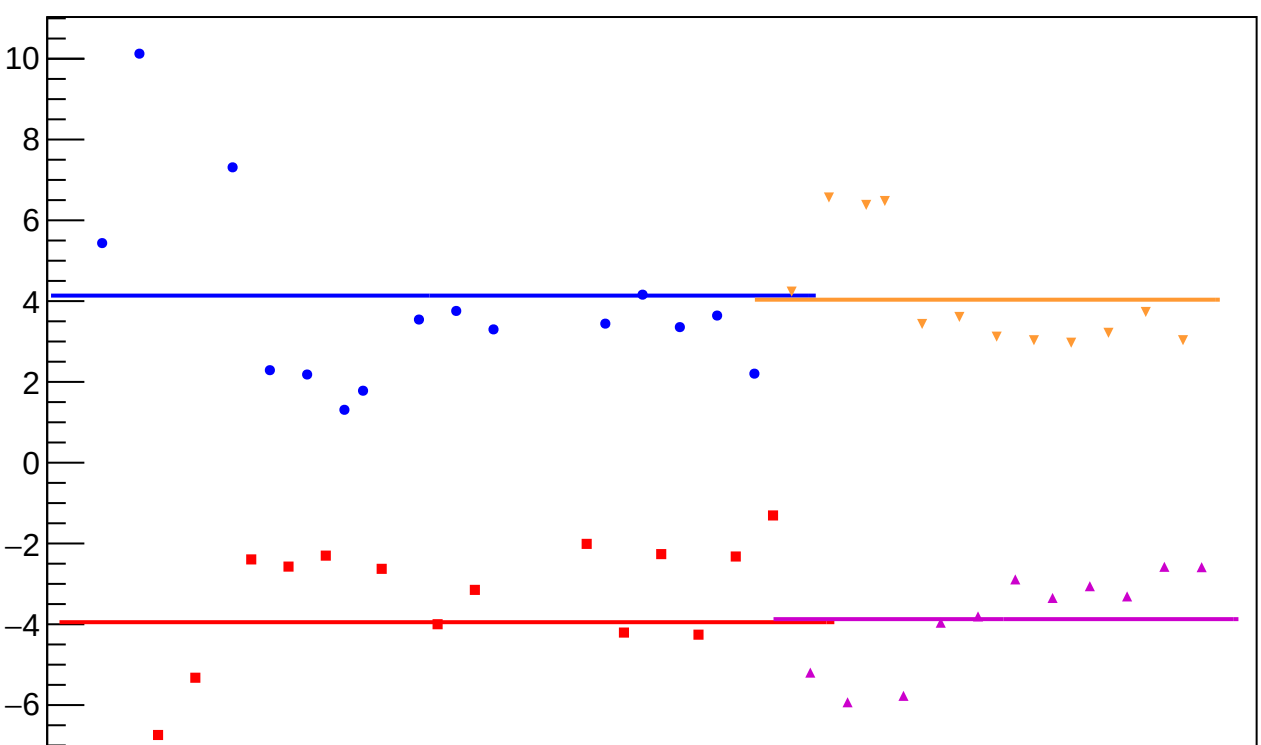
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

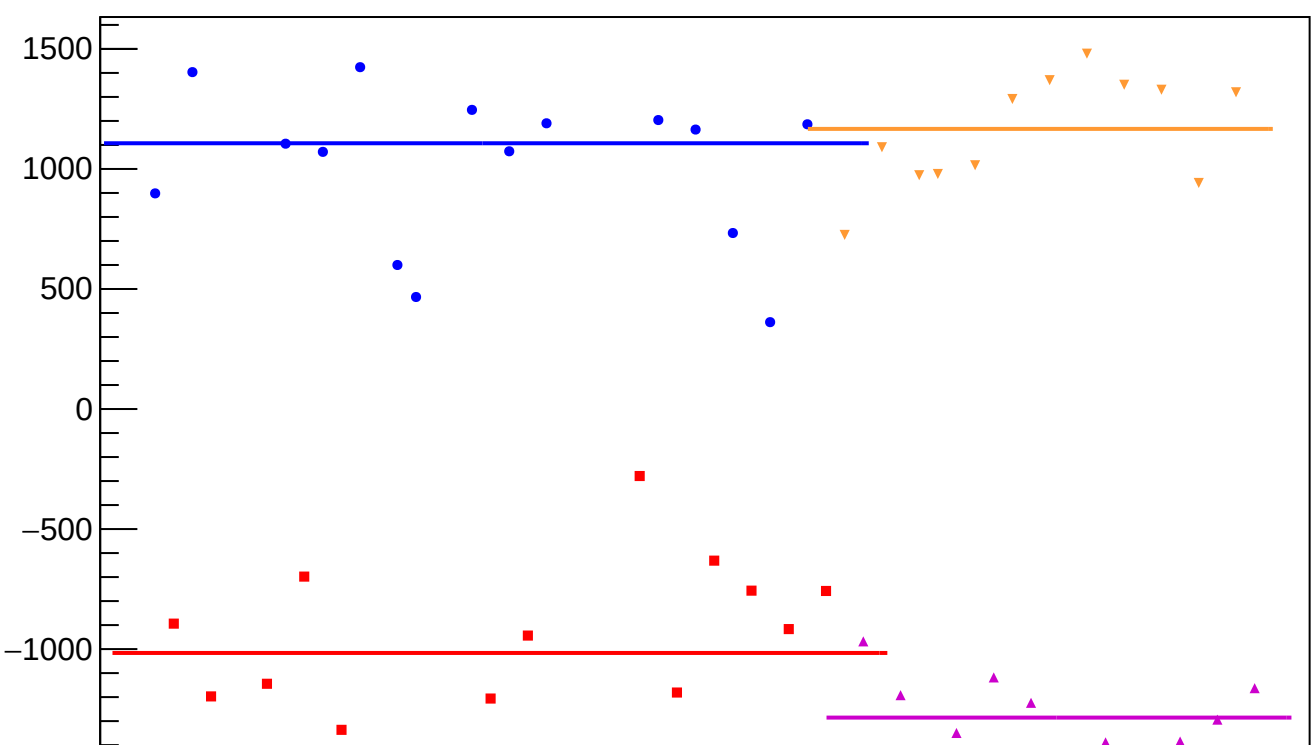
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

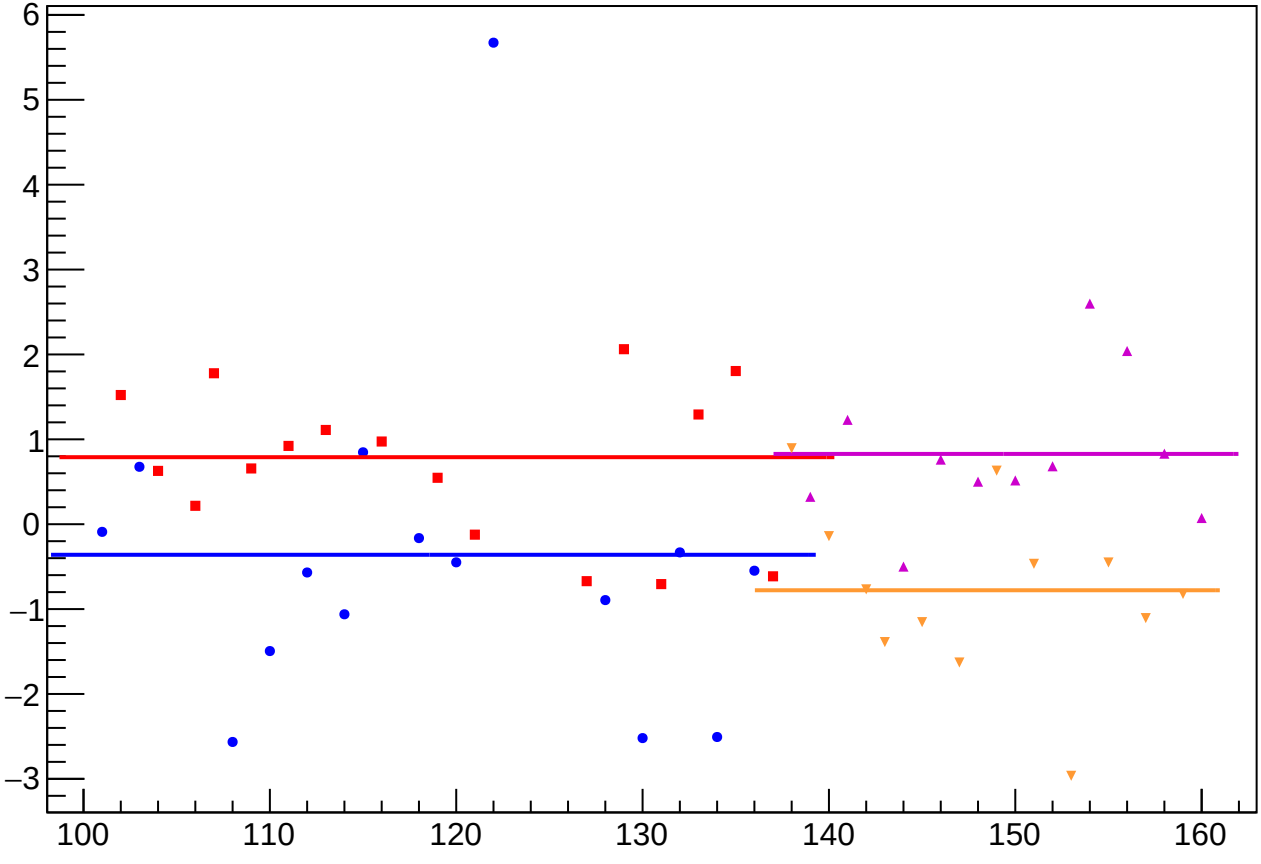
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

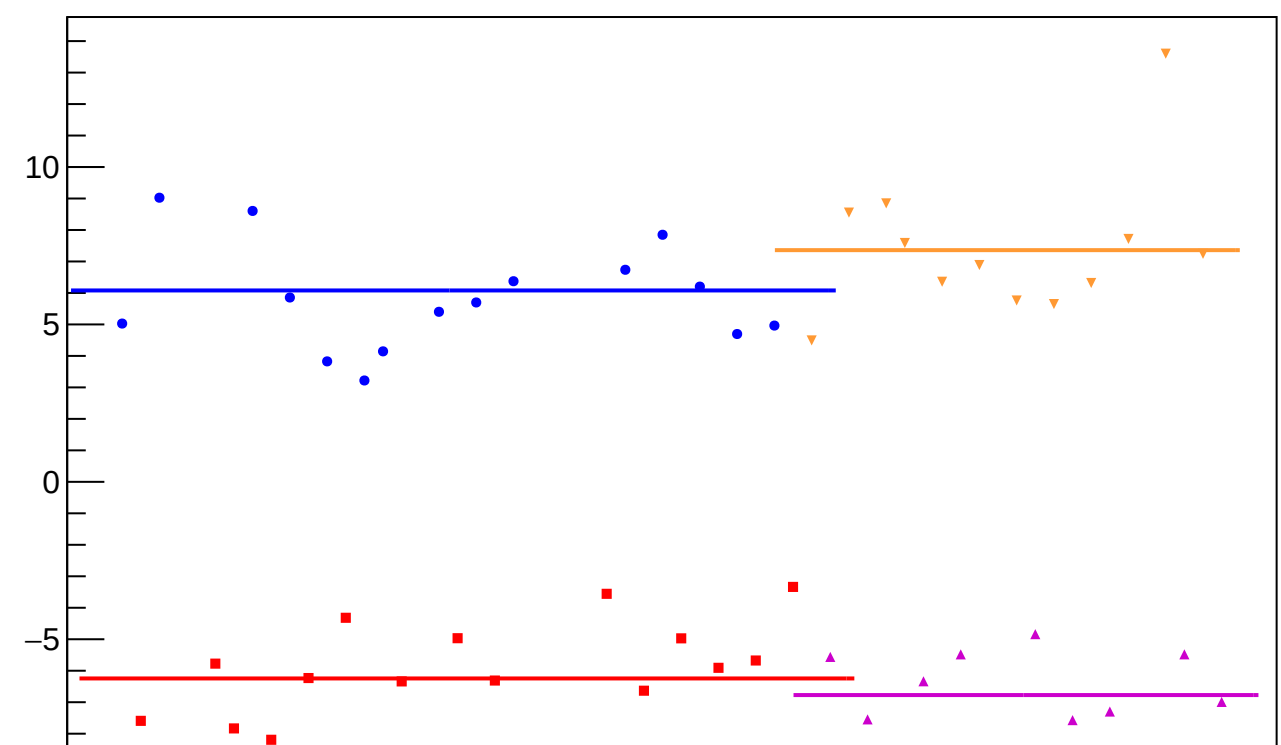
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

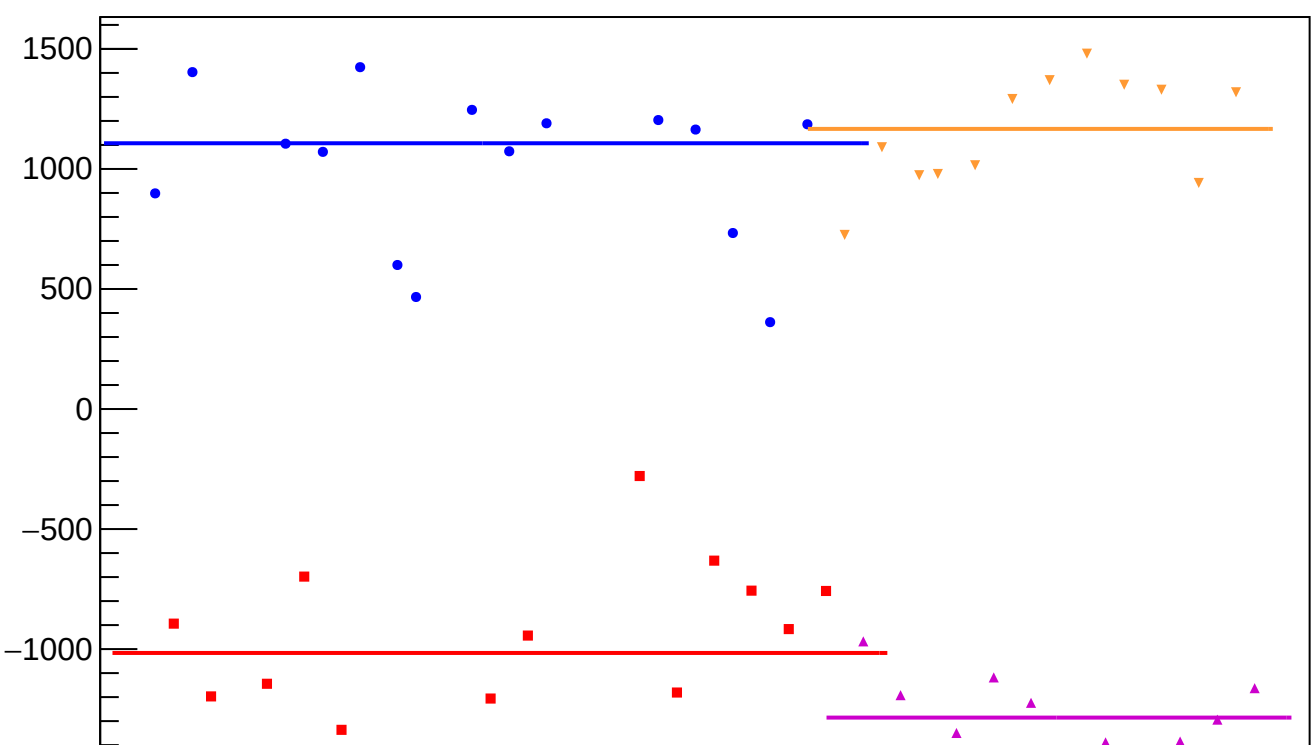
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

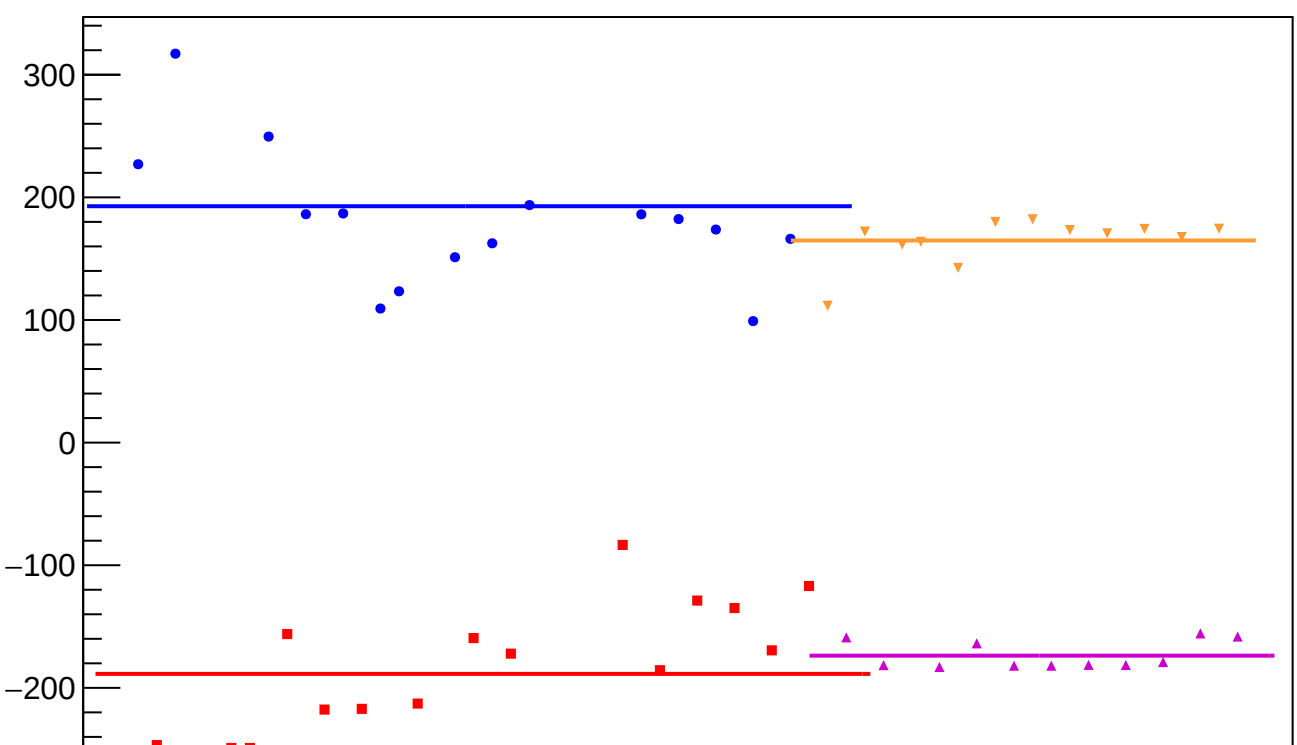
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

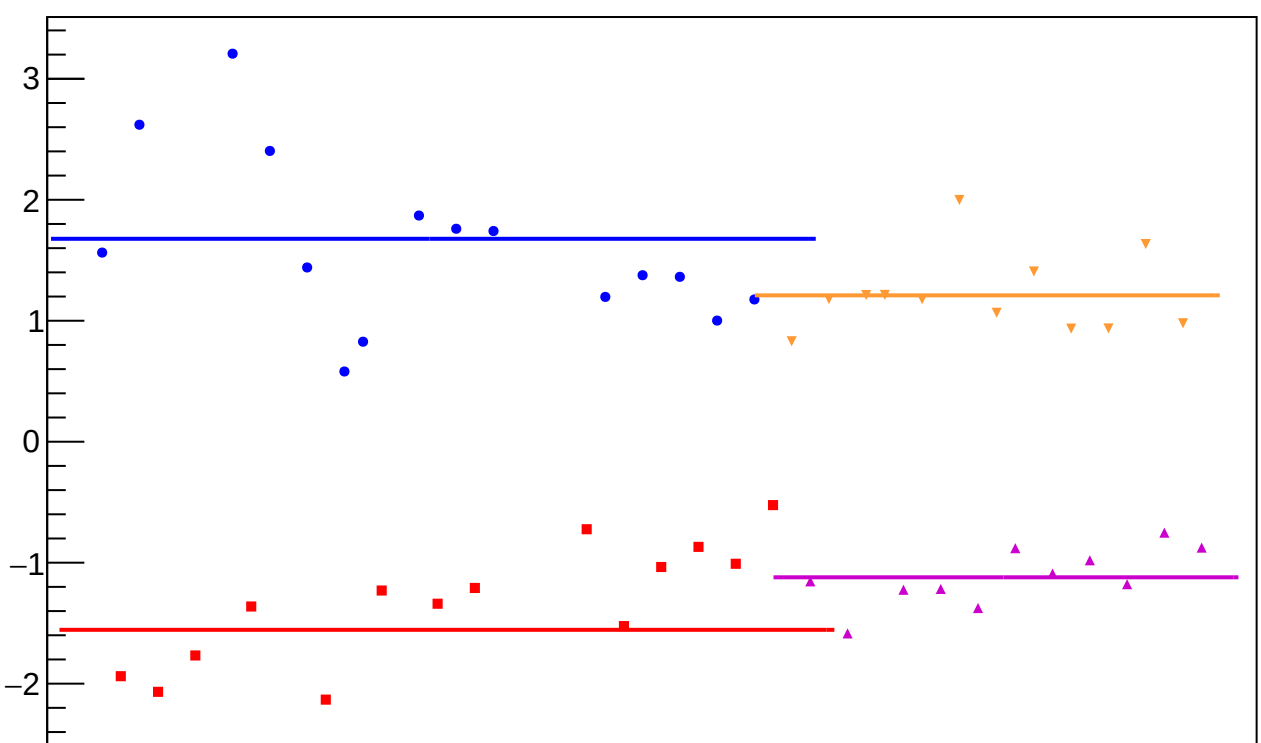
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

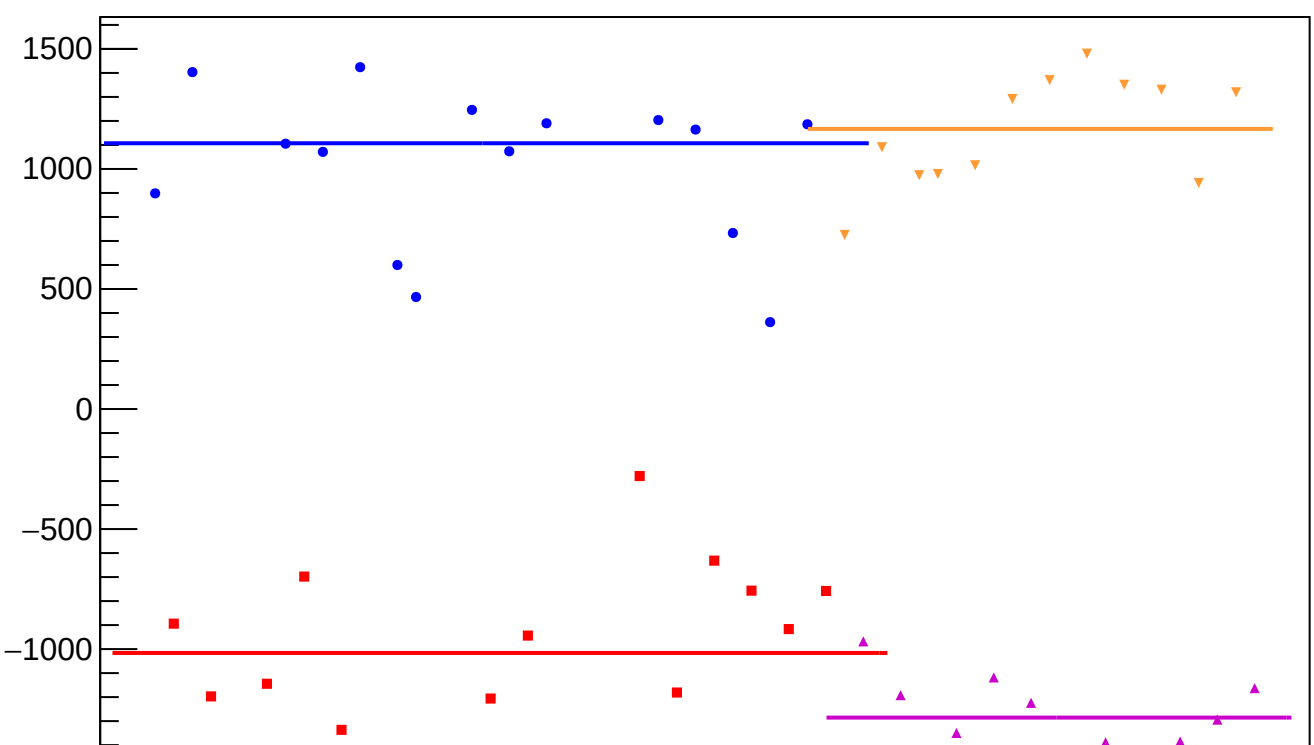
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

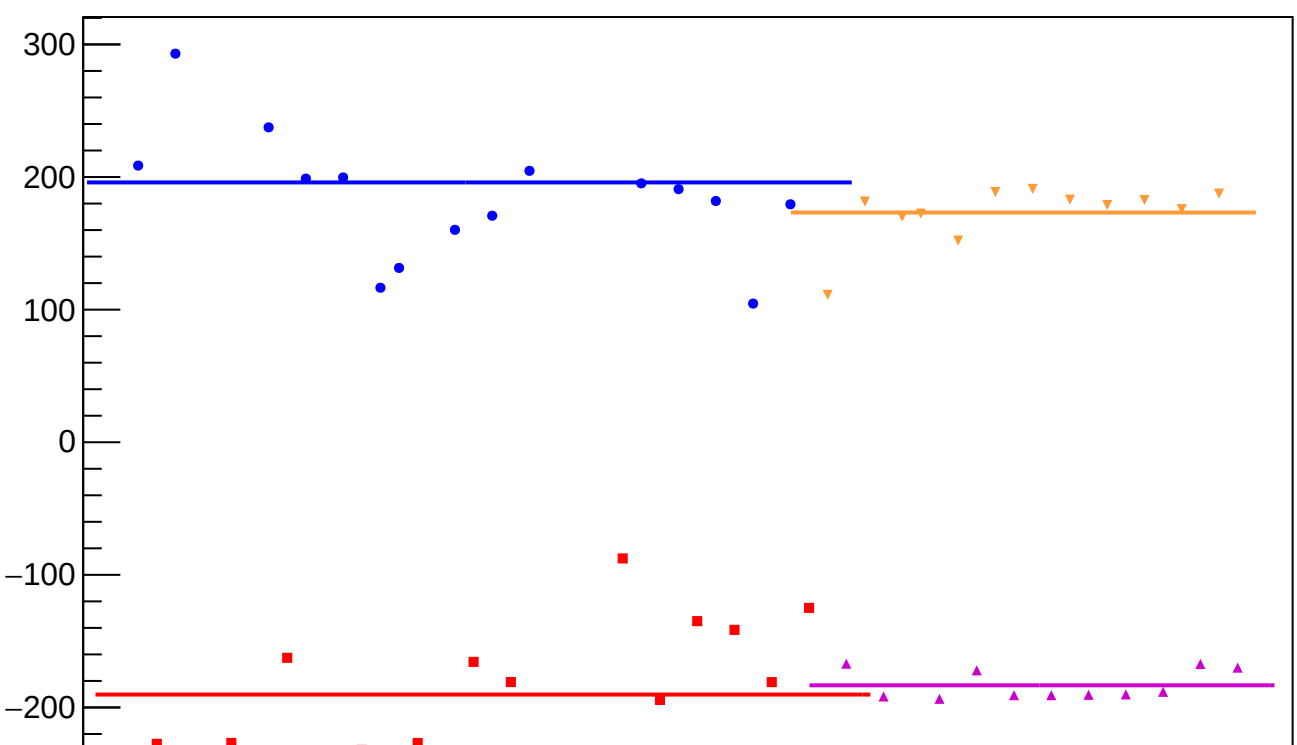
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

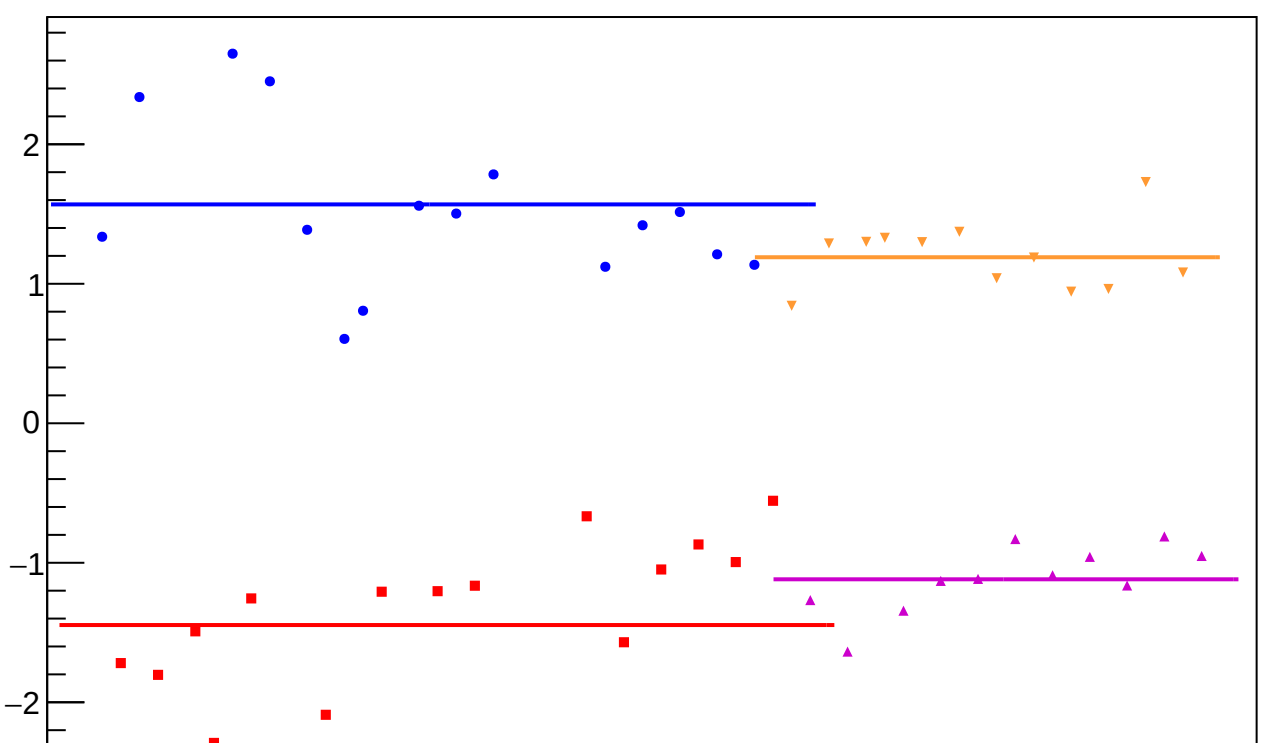
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

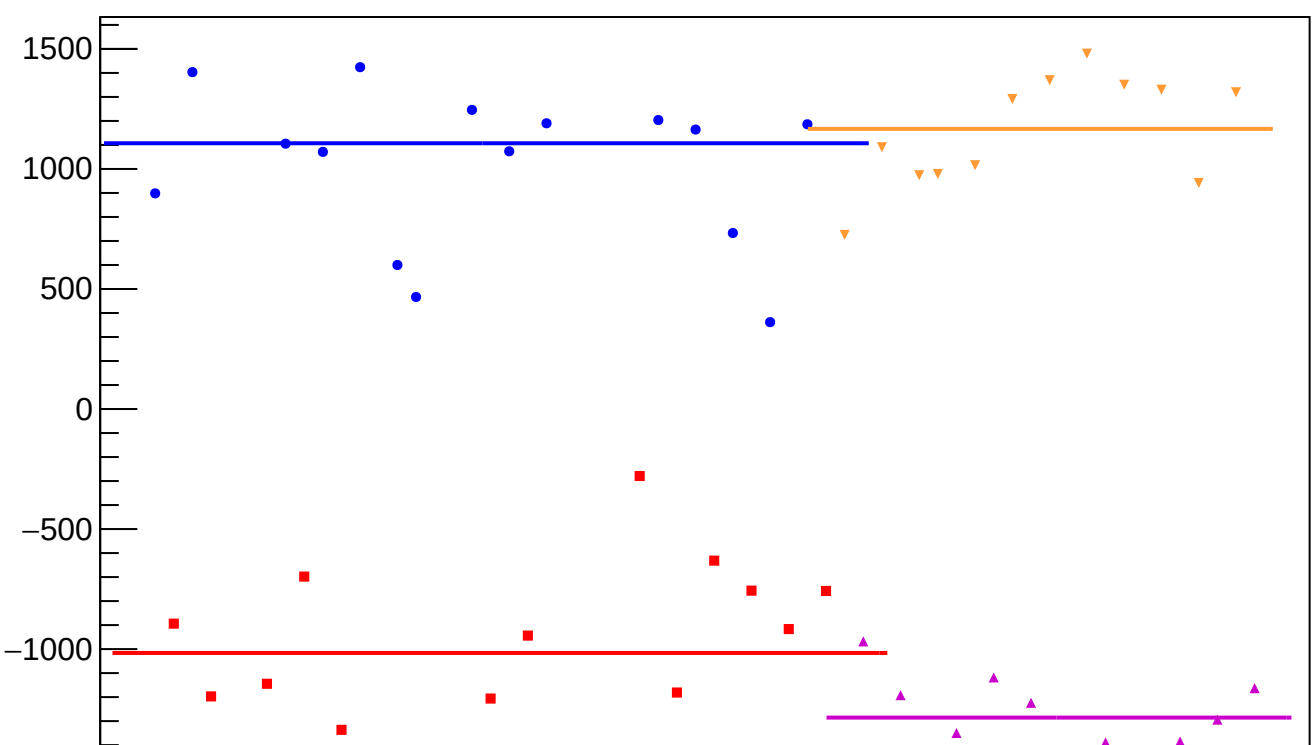
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

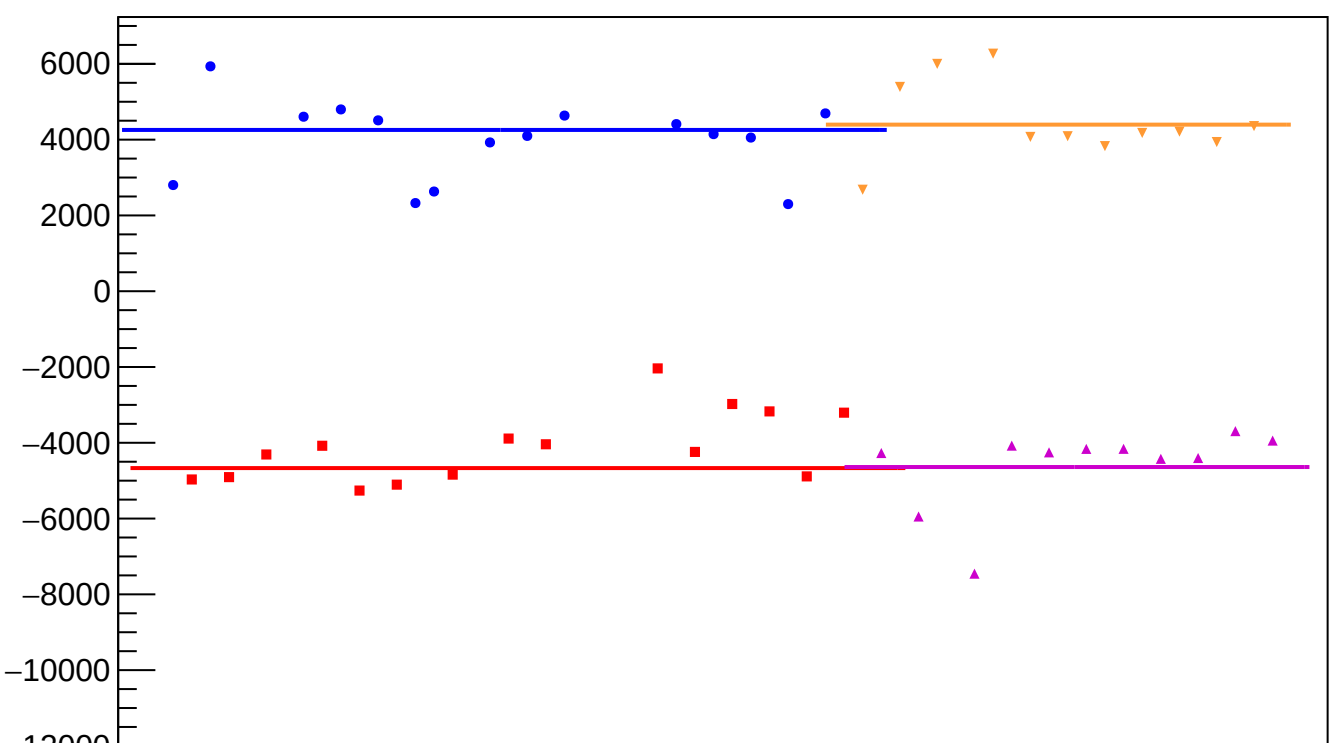
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

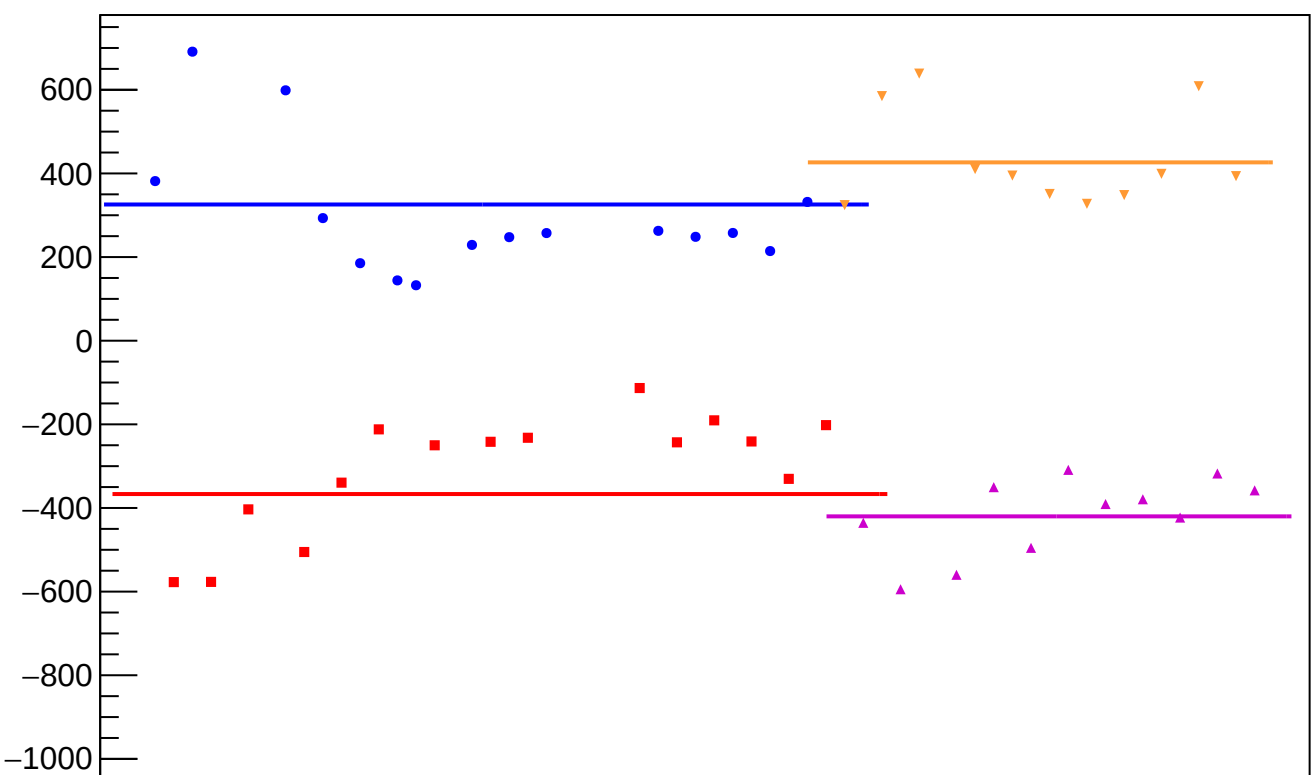
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

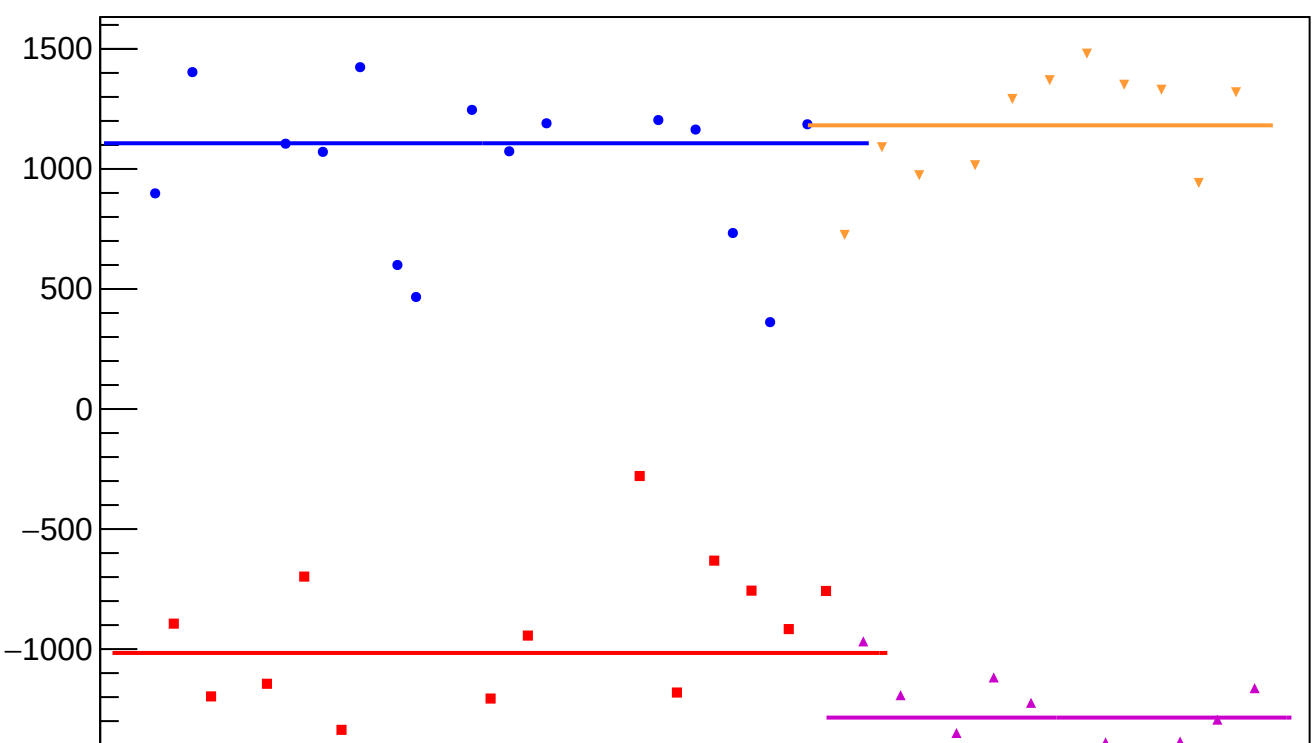
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

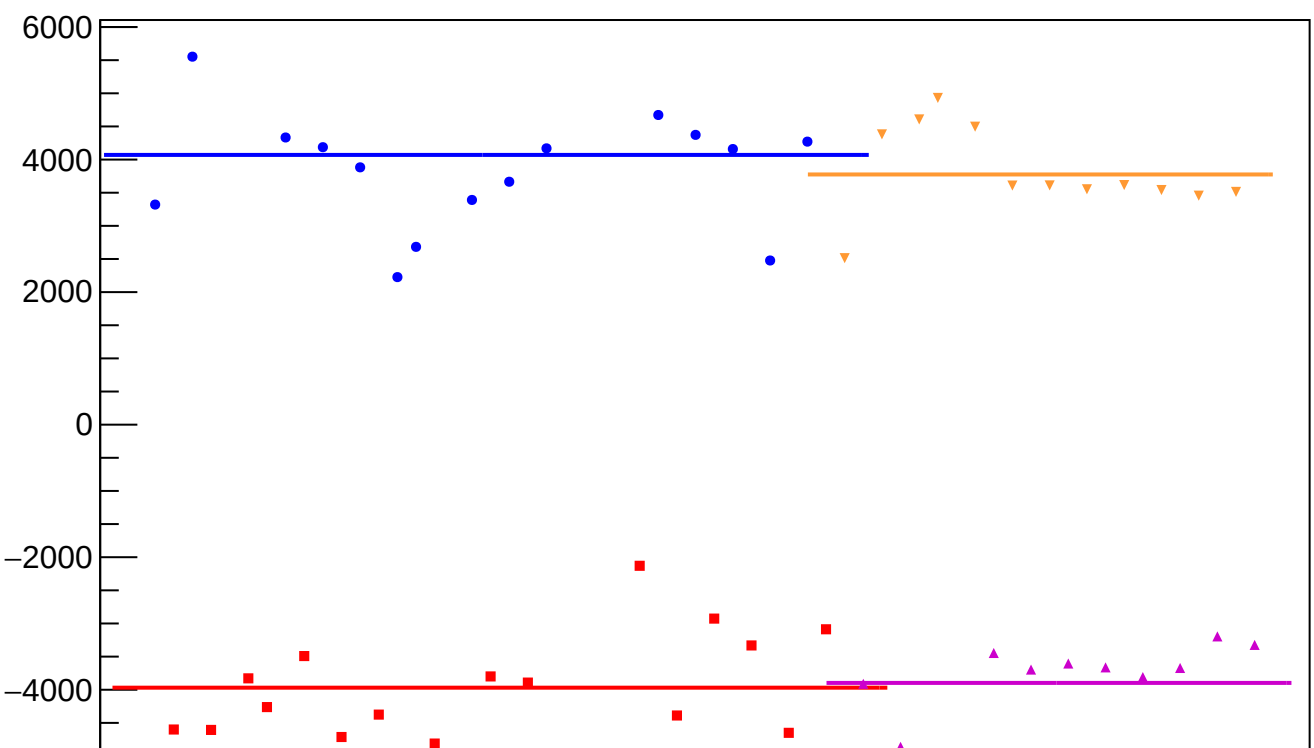
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

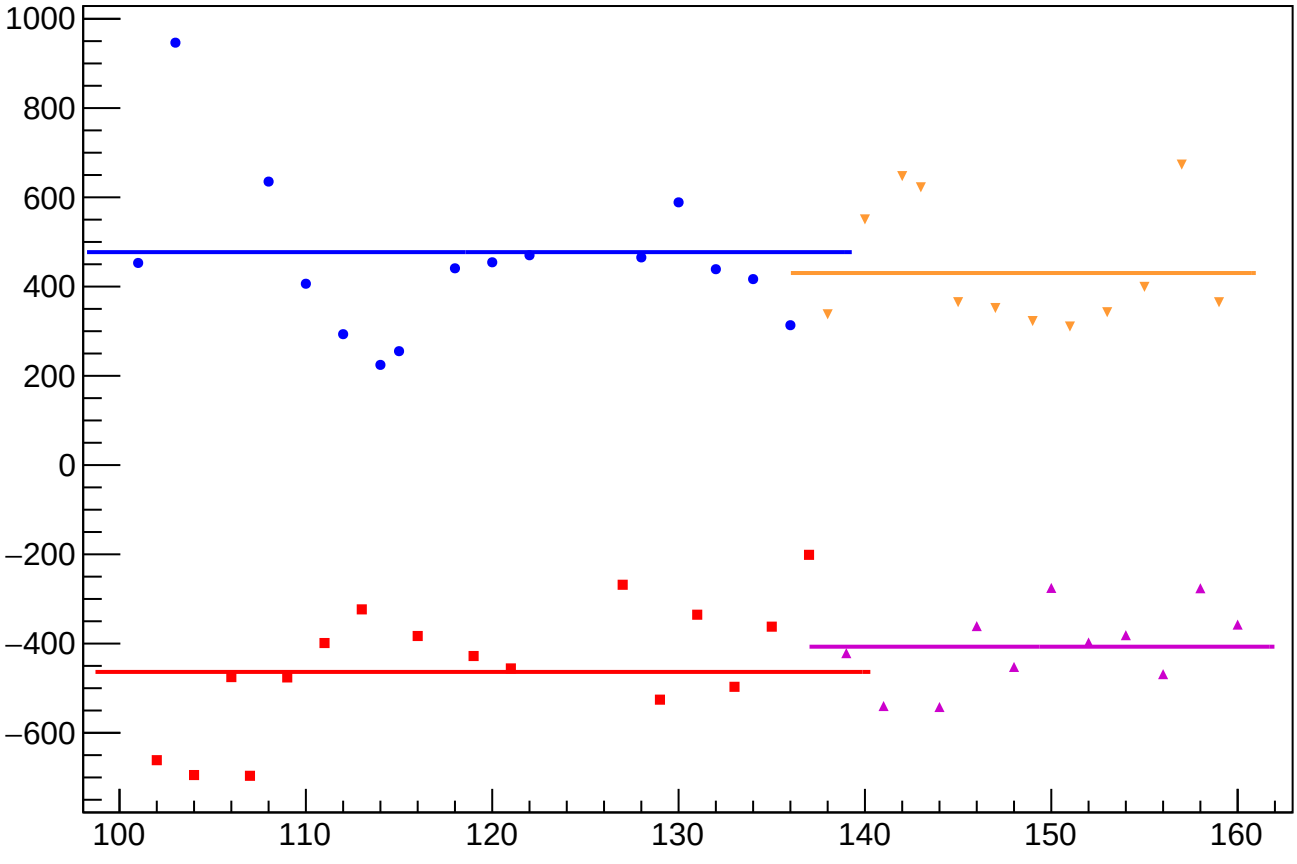
All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

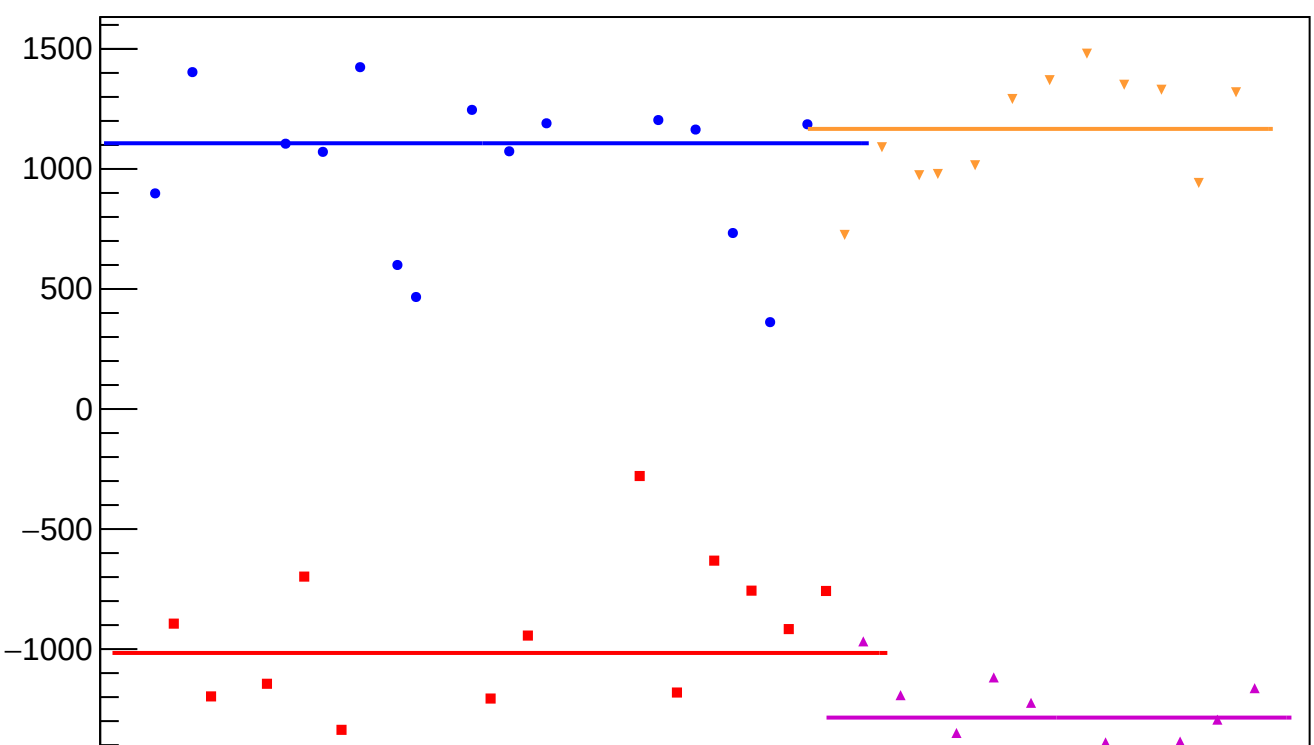
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

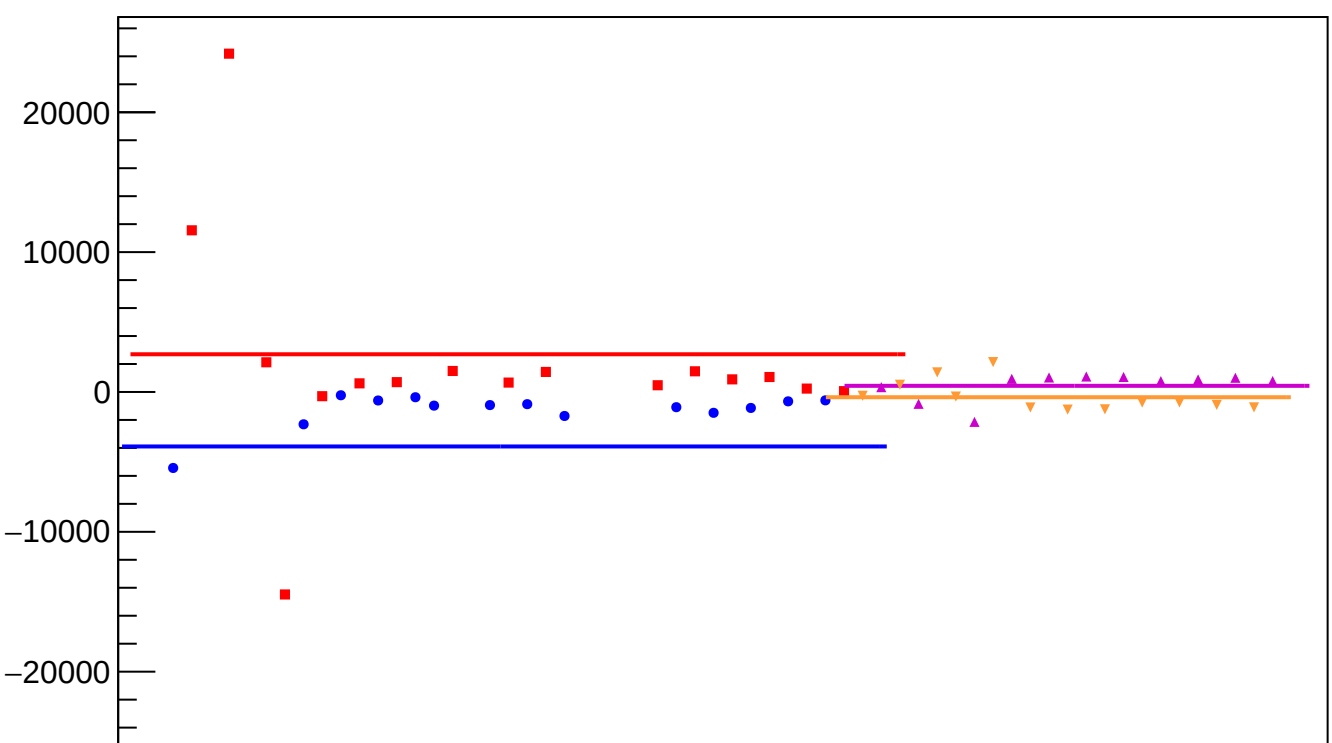
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

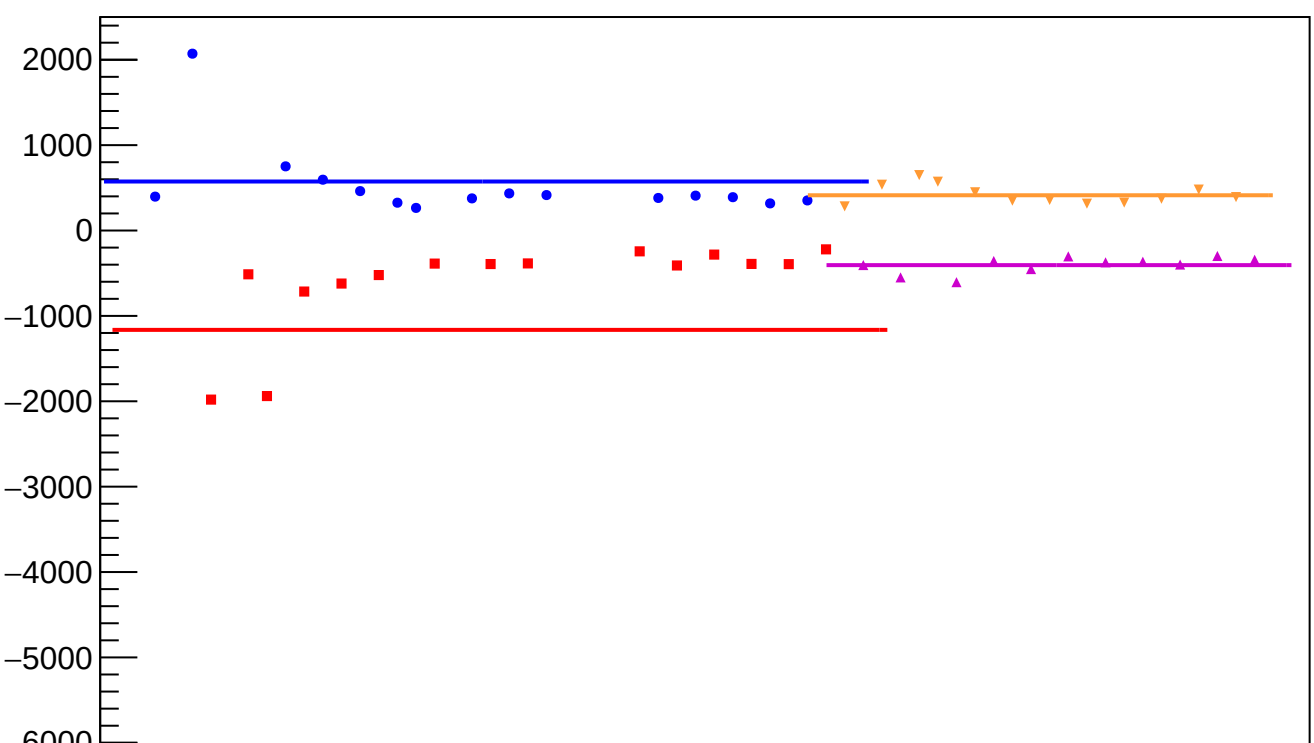
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



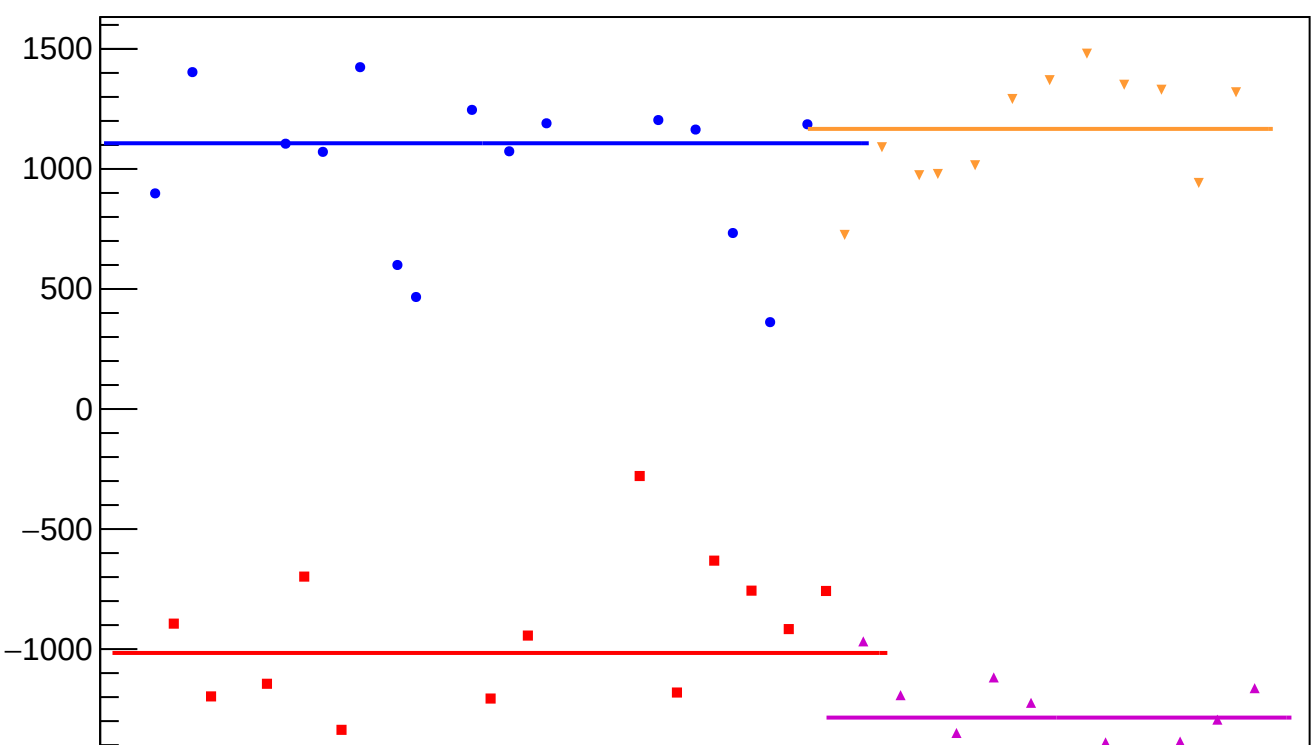
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

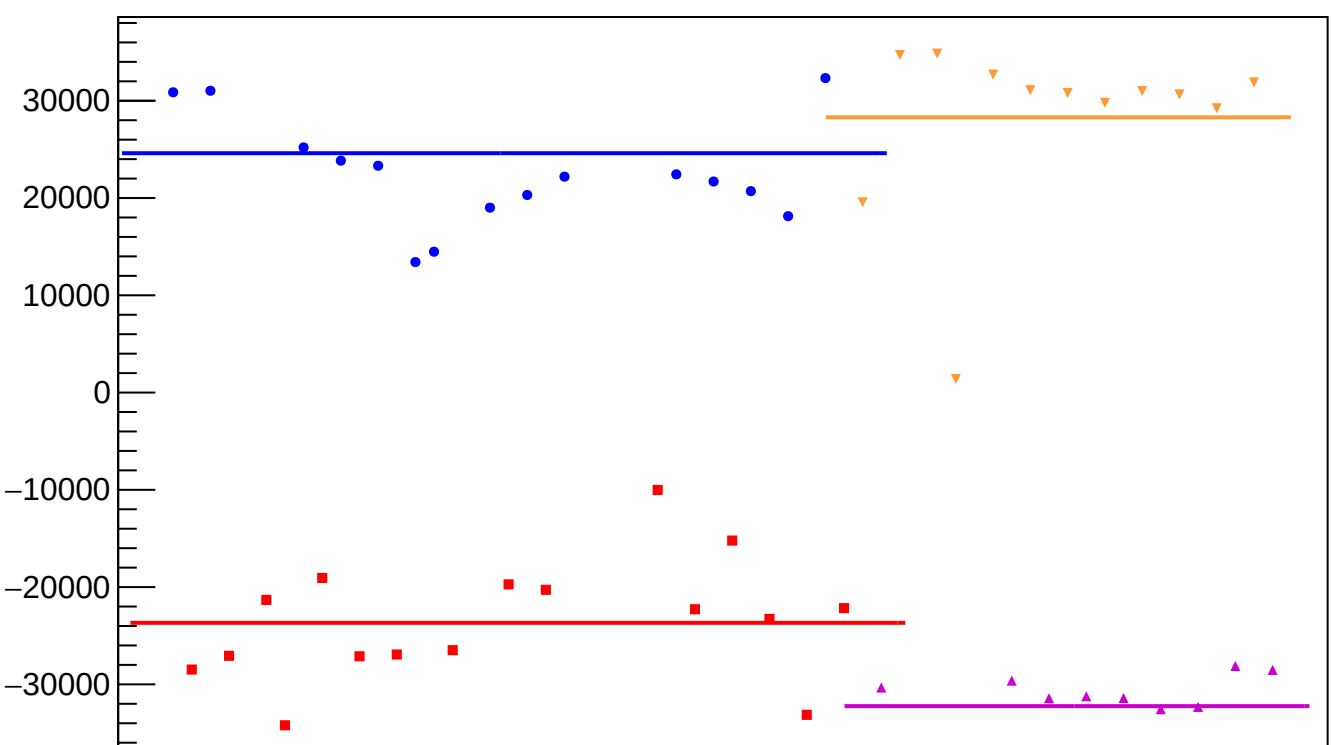
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

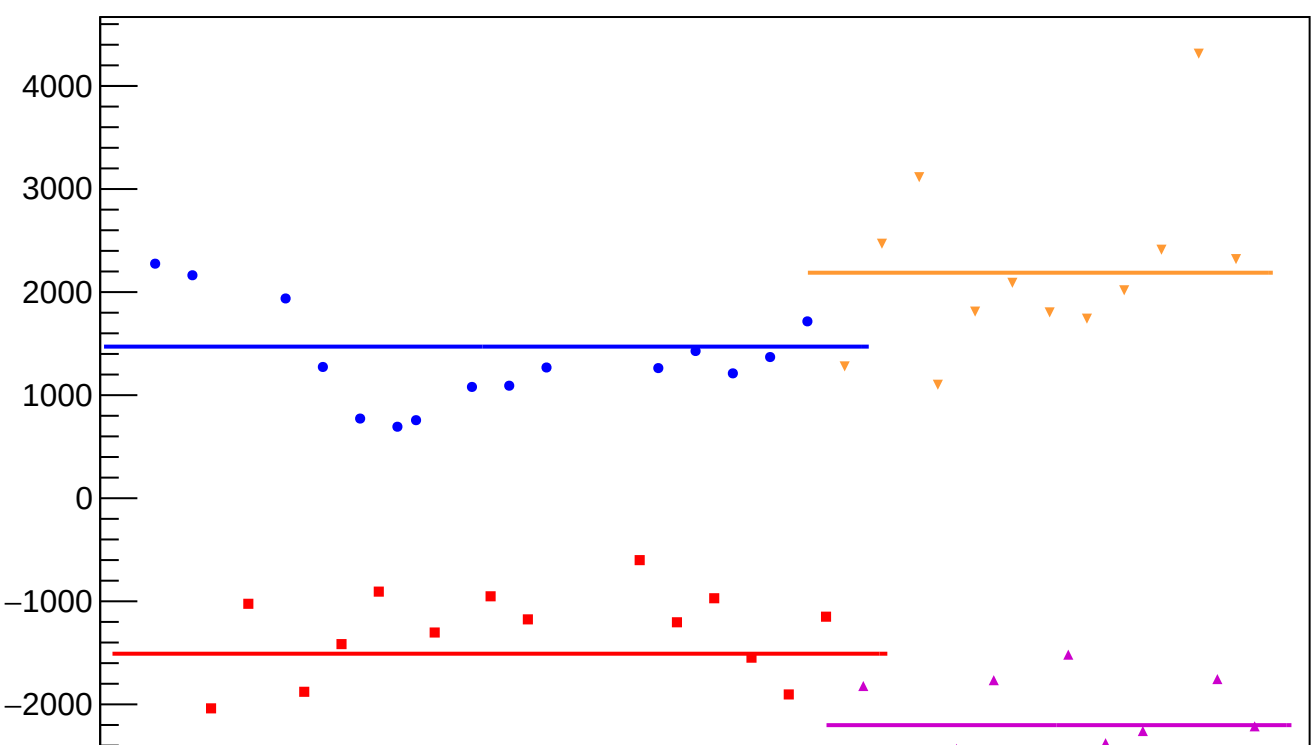
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

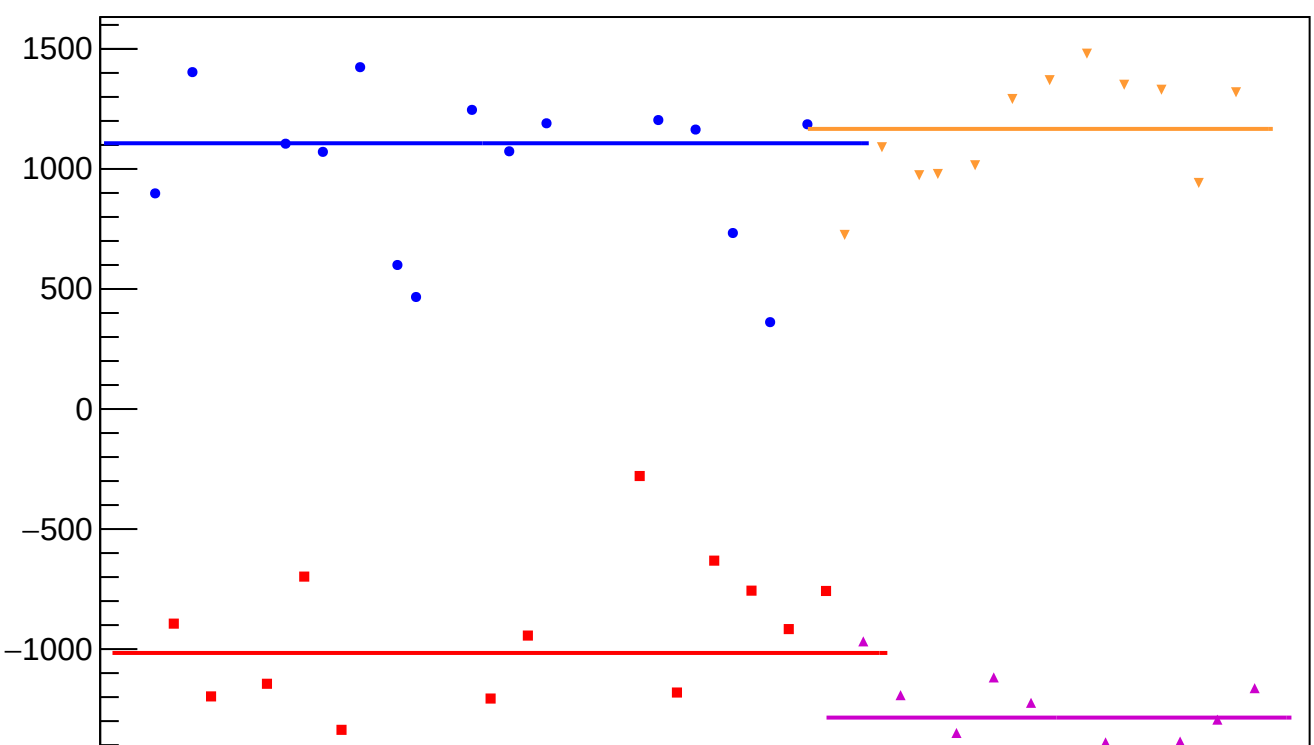
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

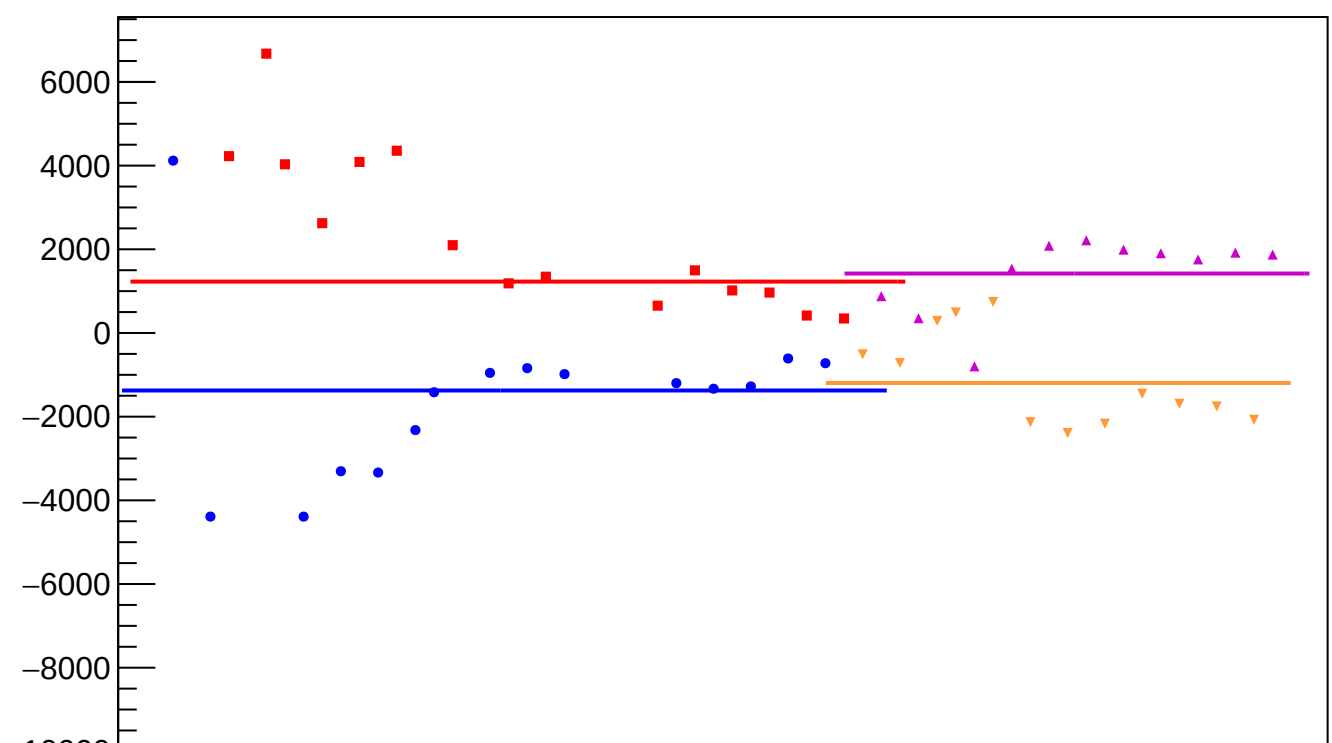
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

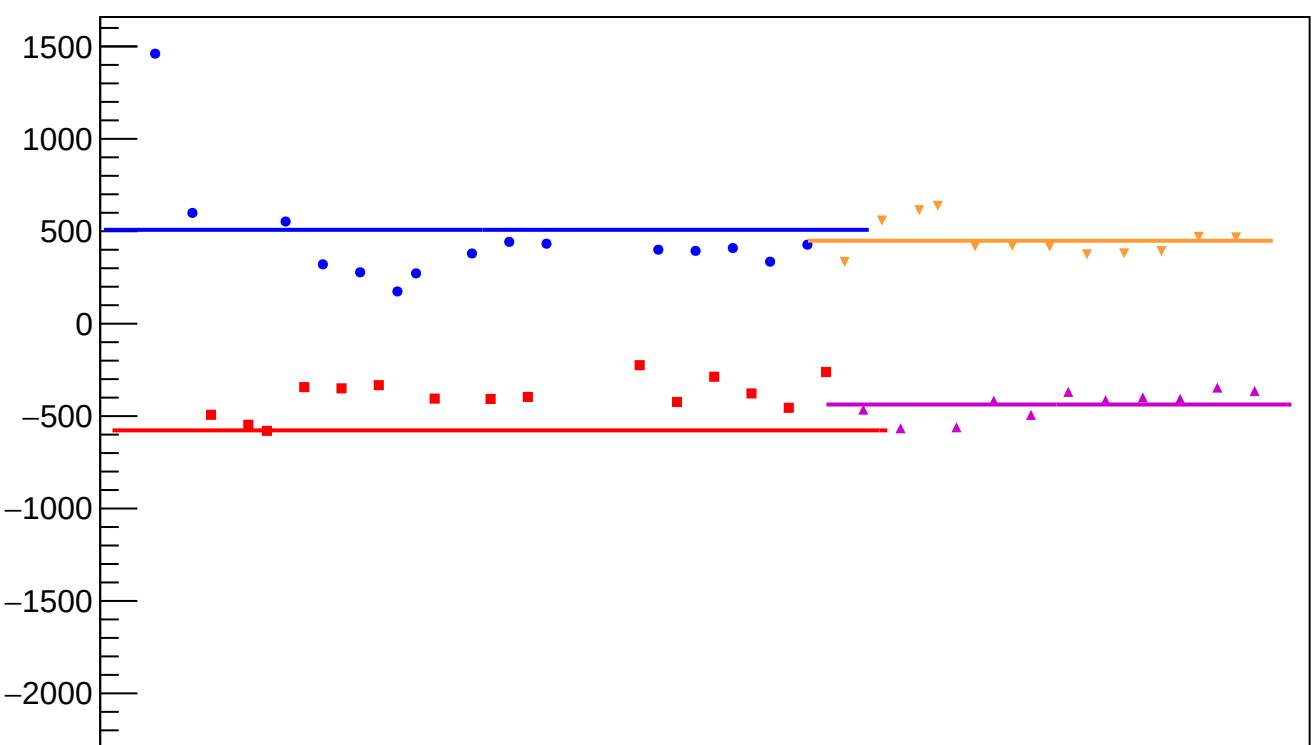
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

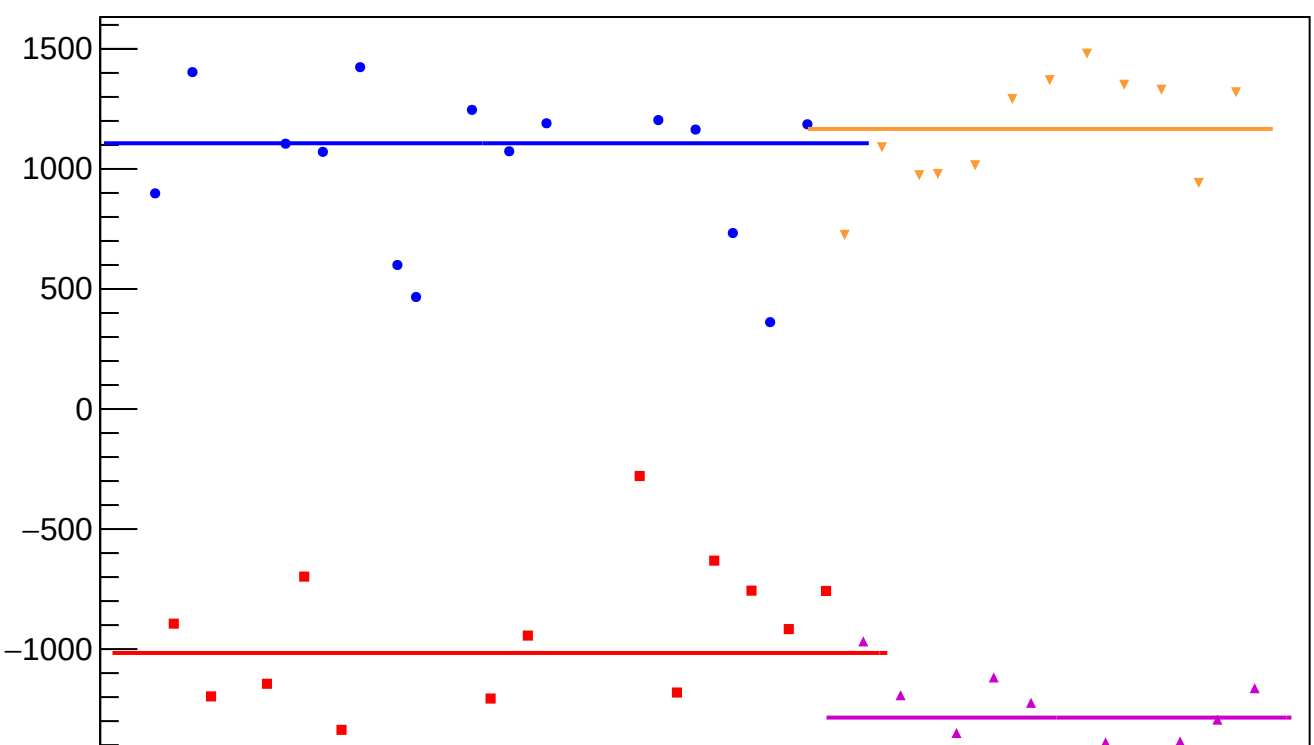
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

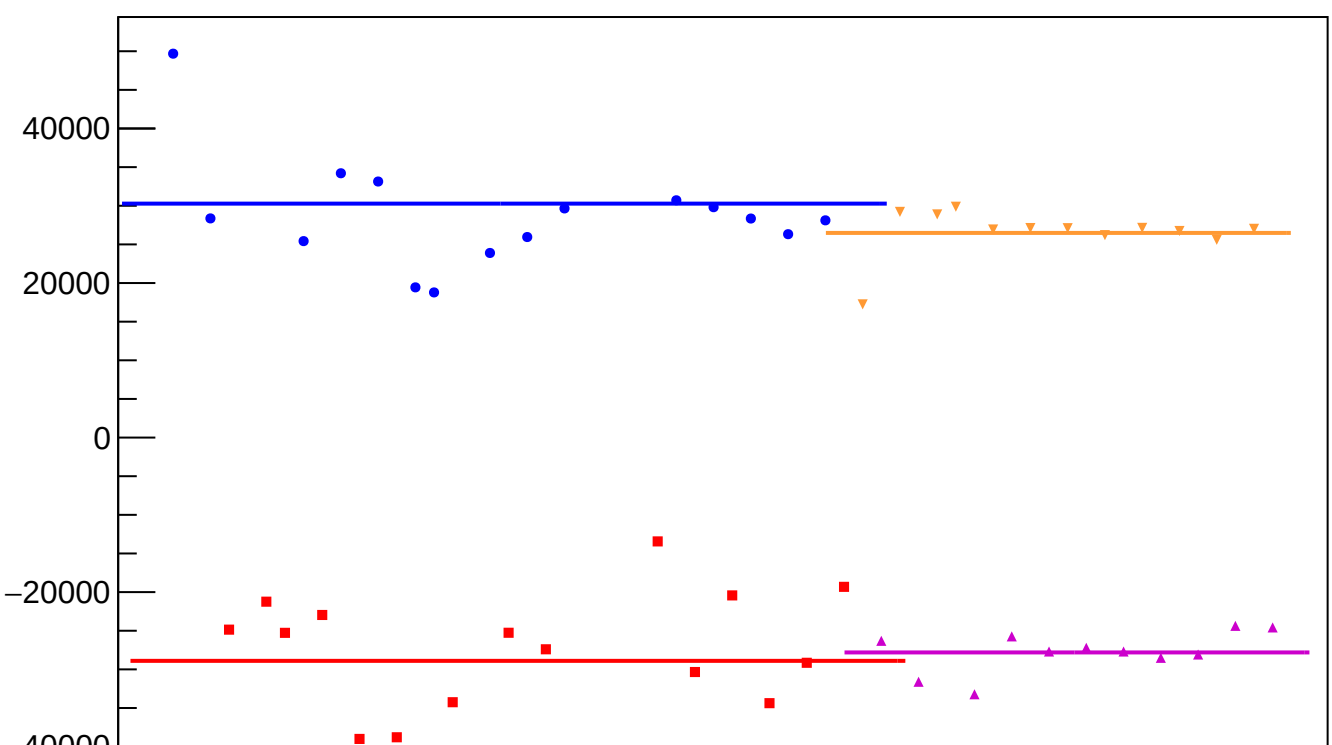
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

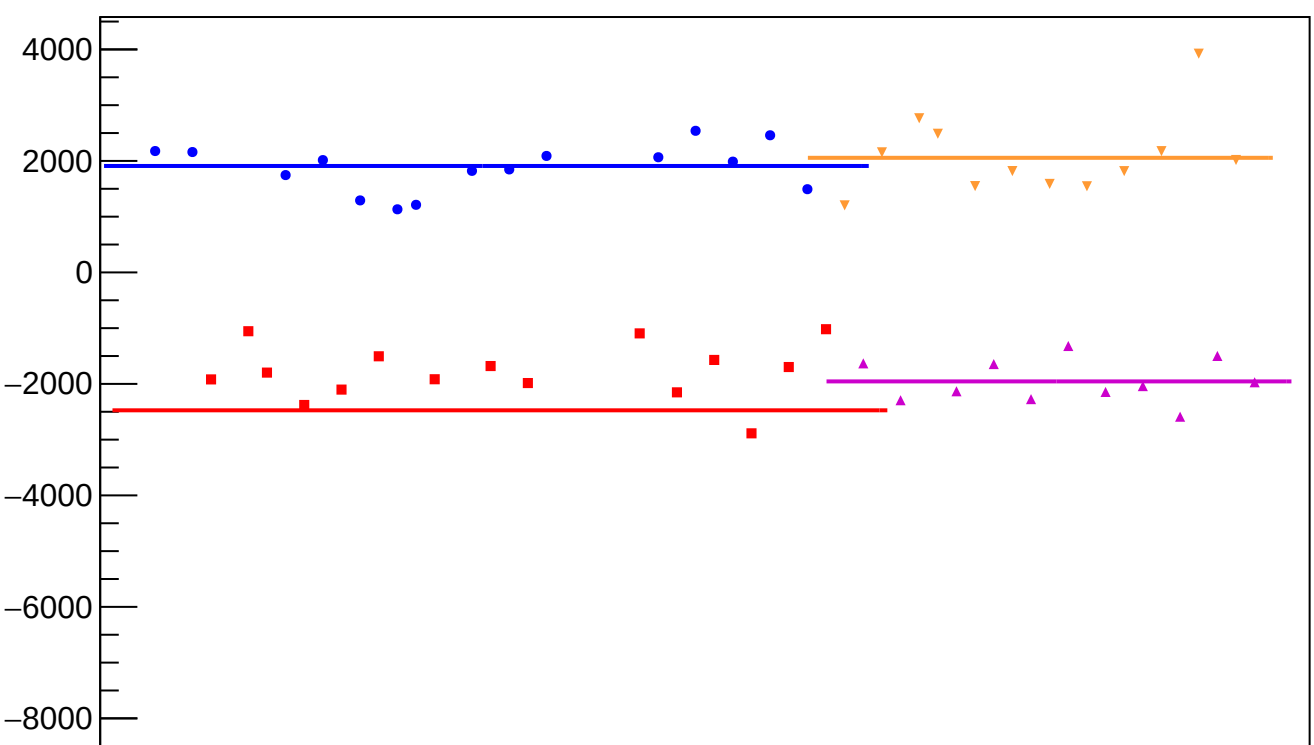
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

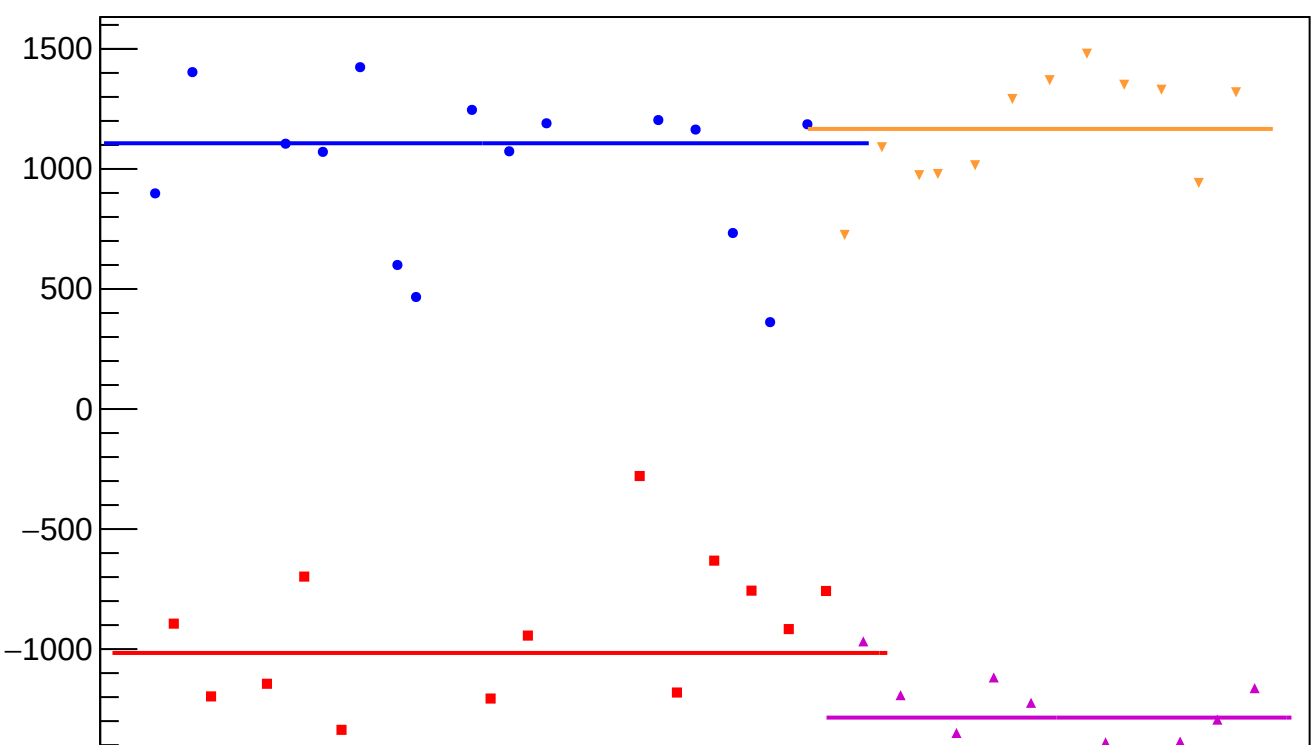
All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

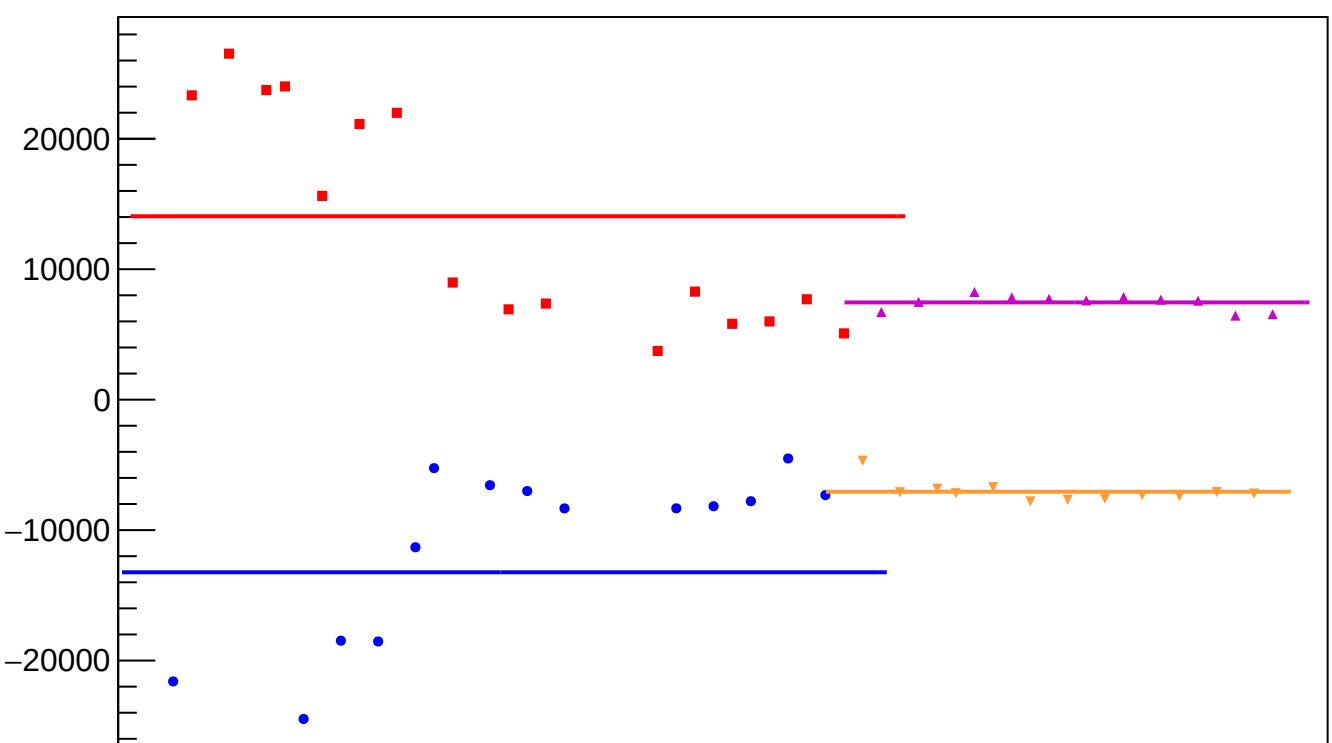
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

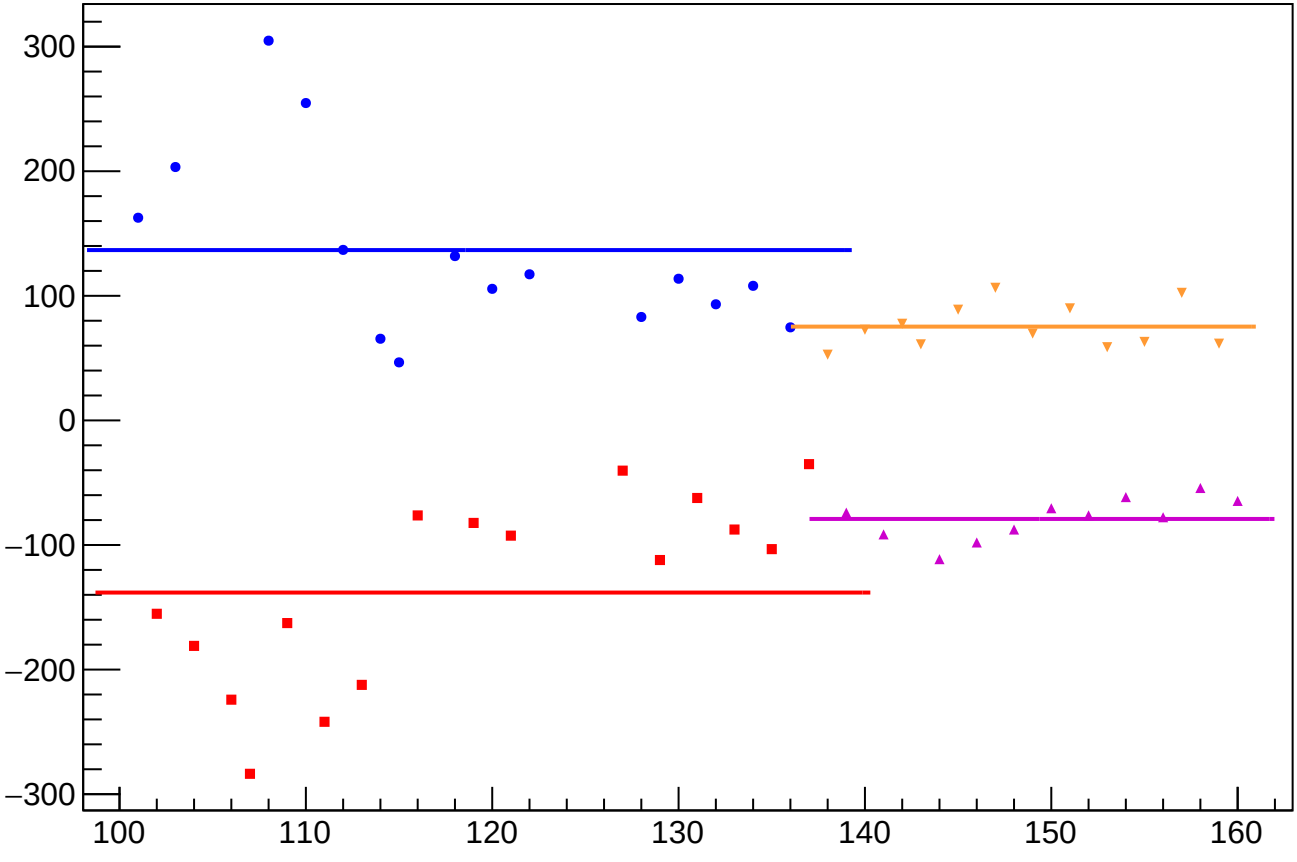
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

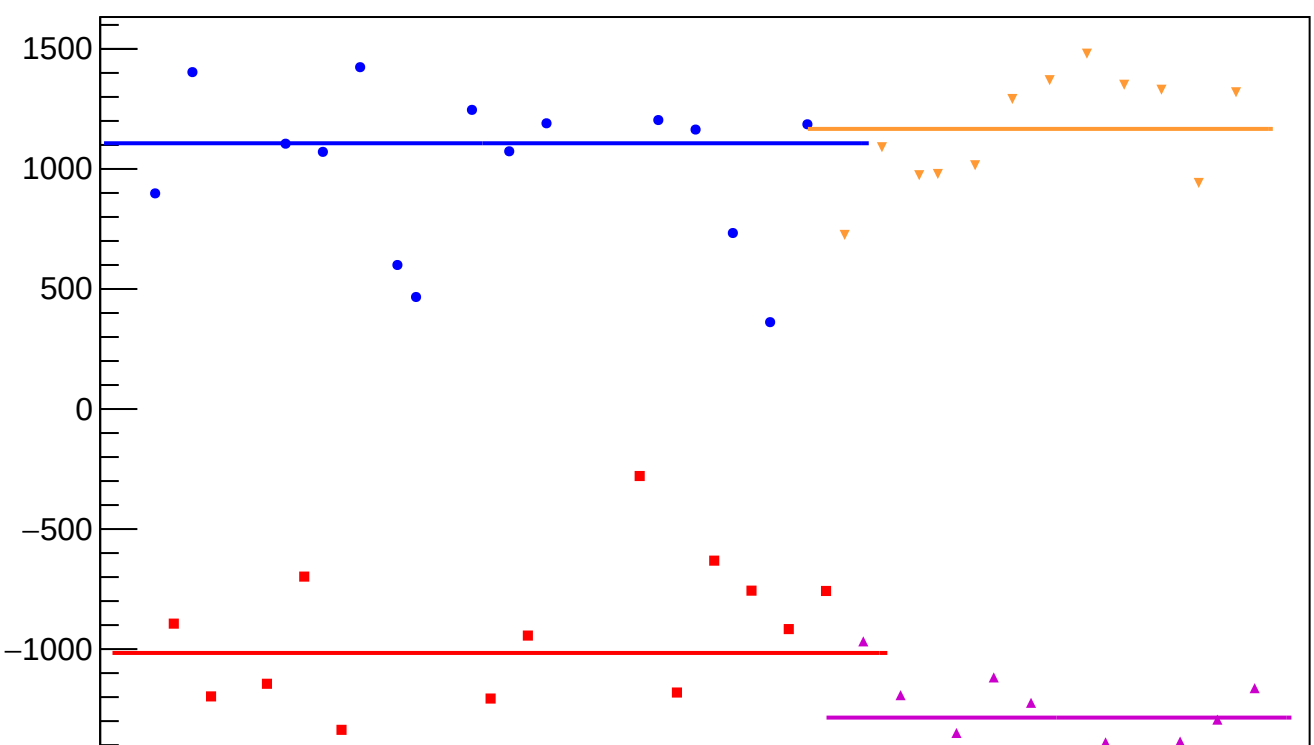
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

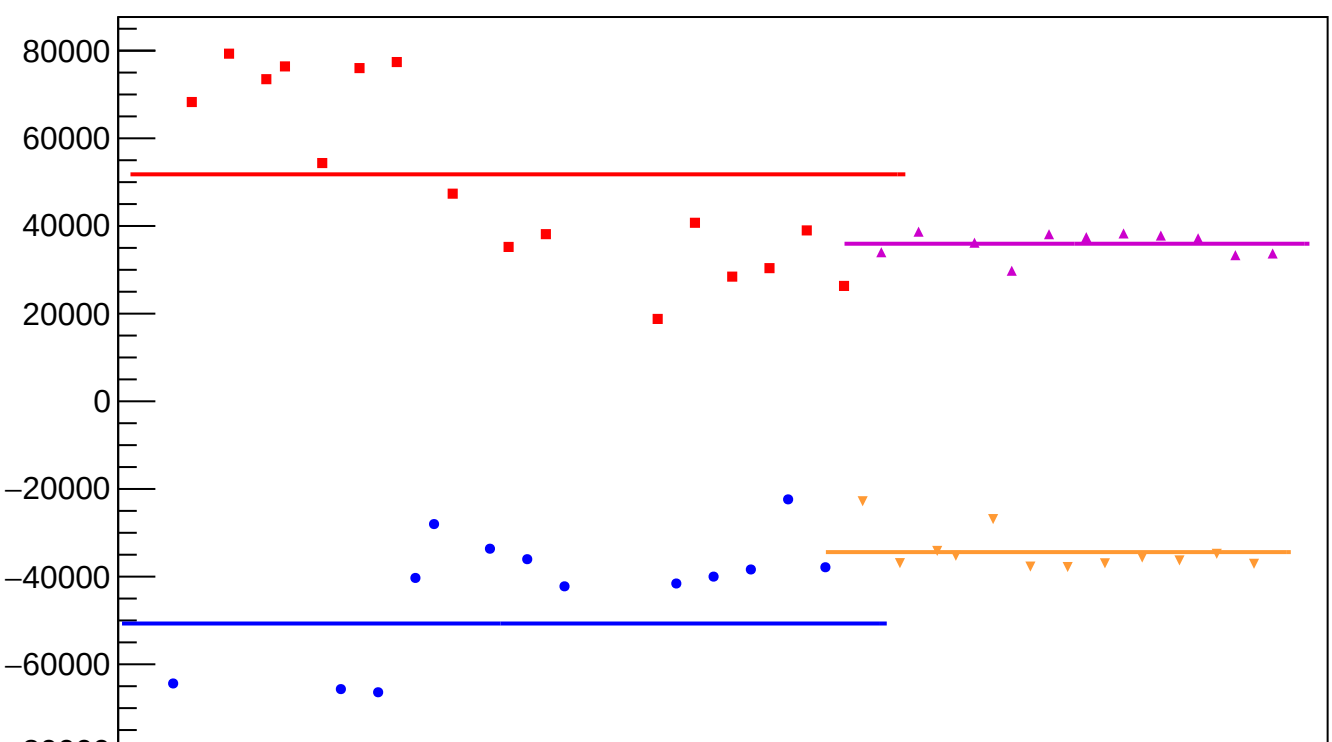
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

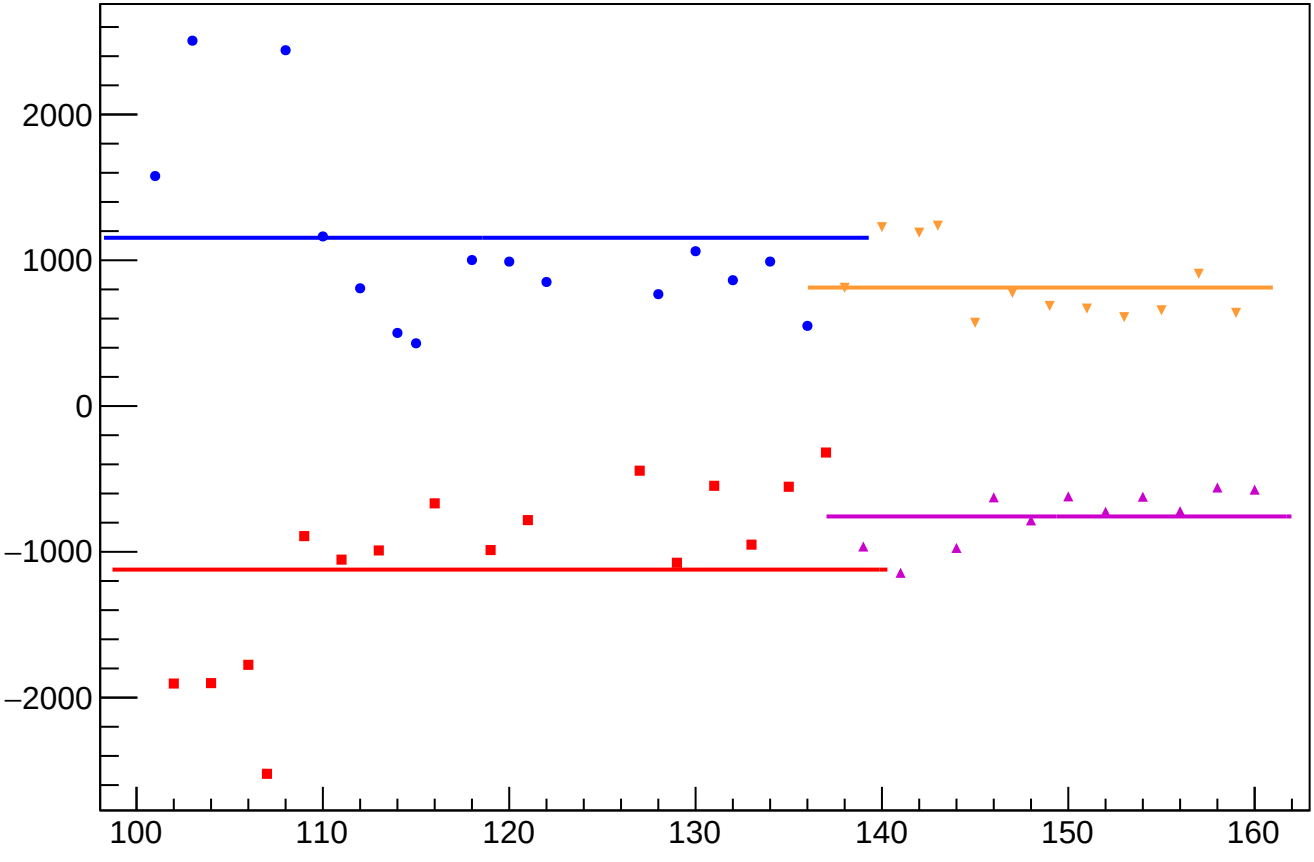
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

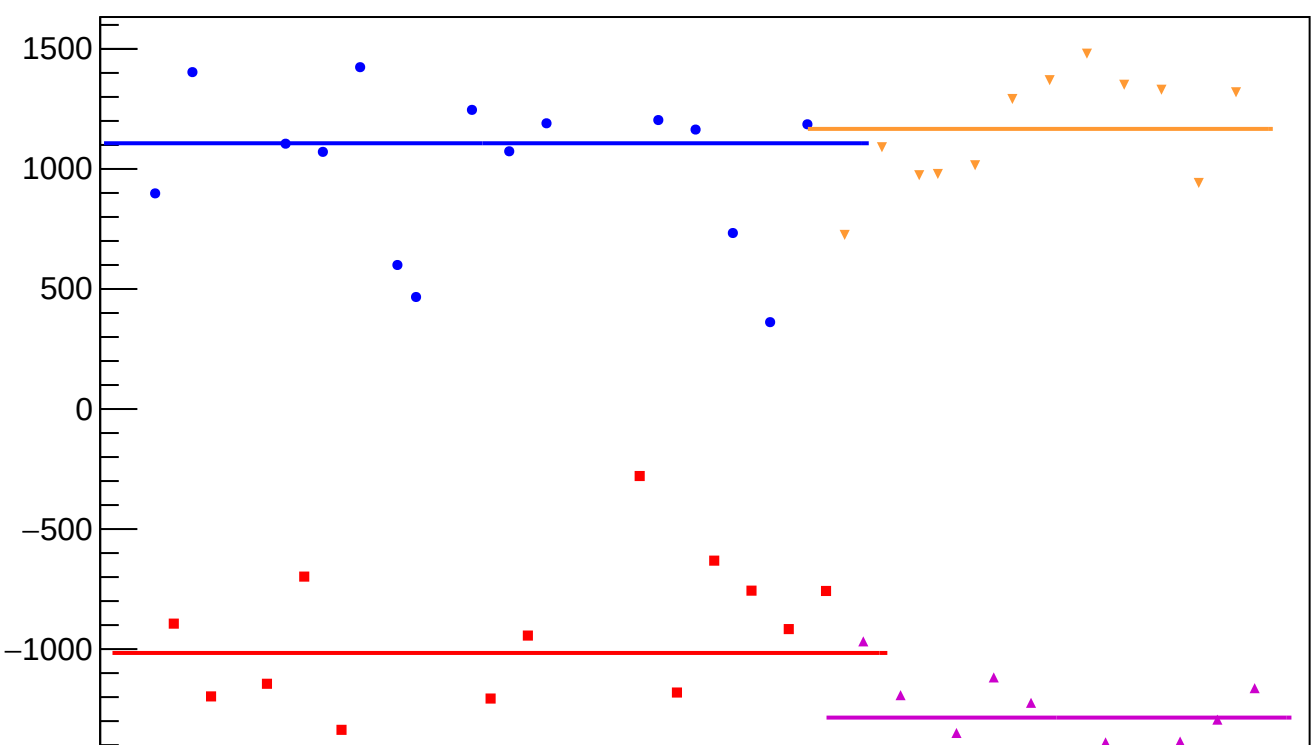
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

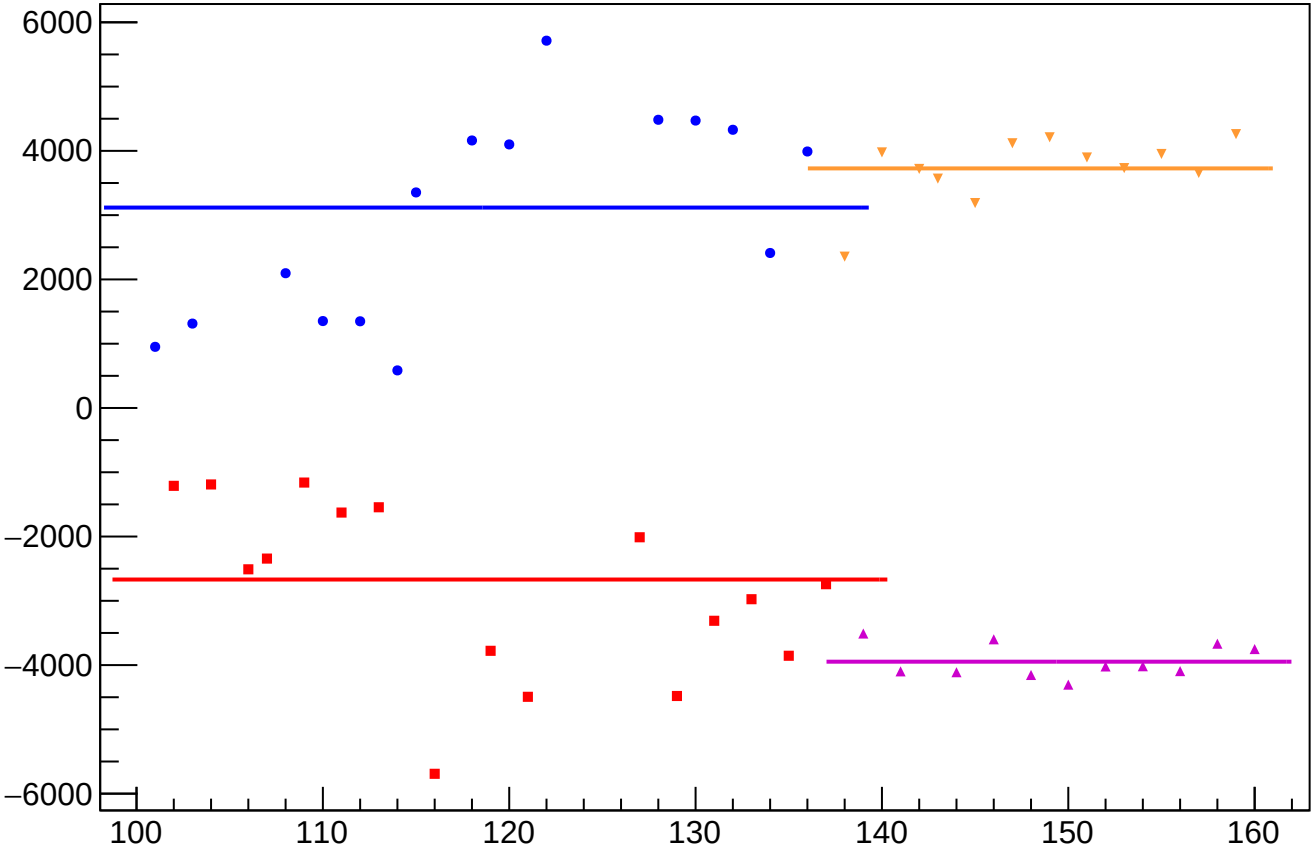
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

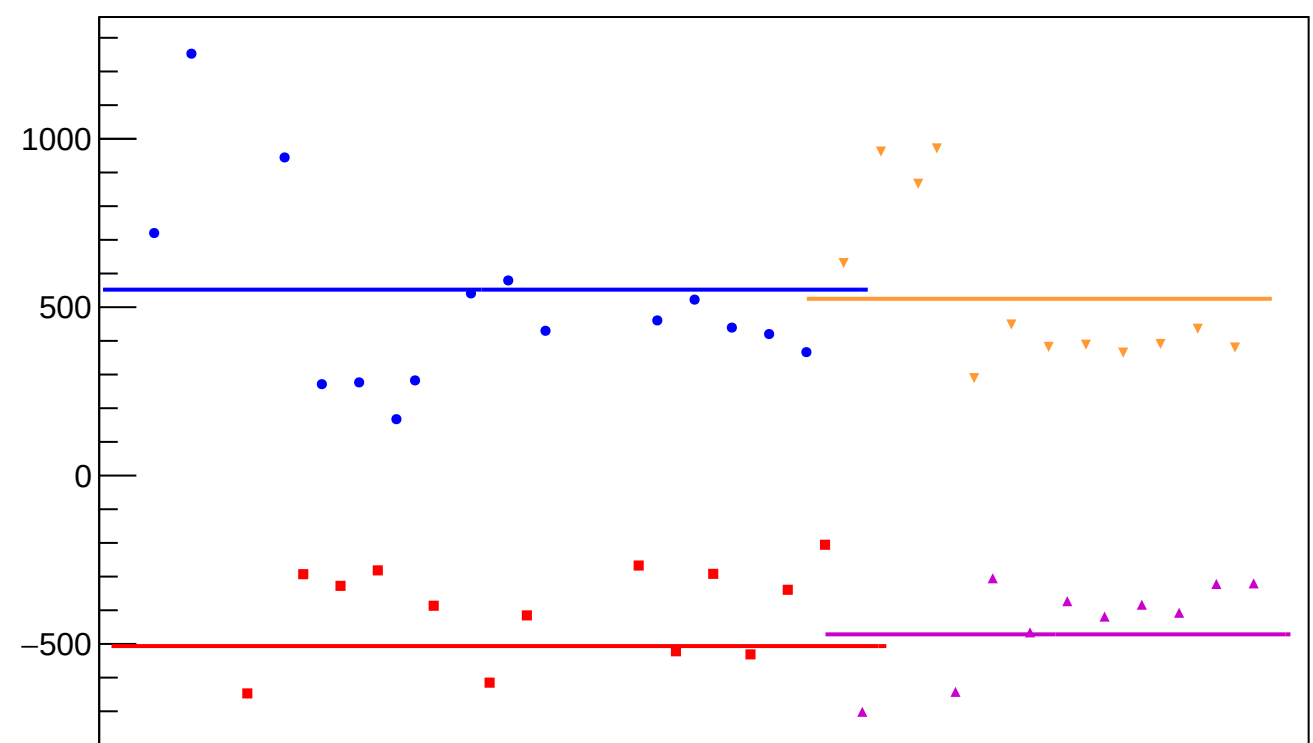
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

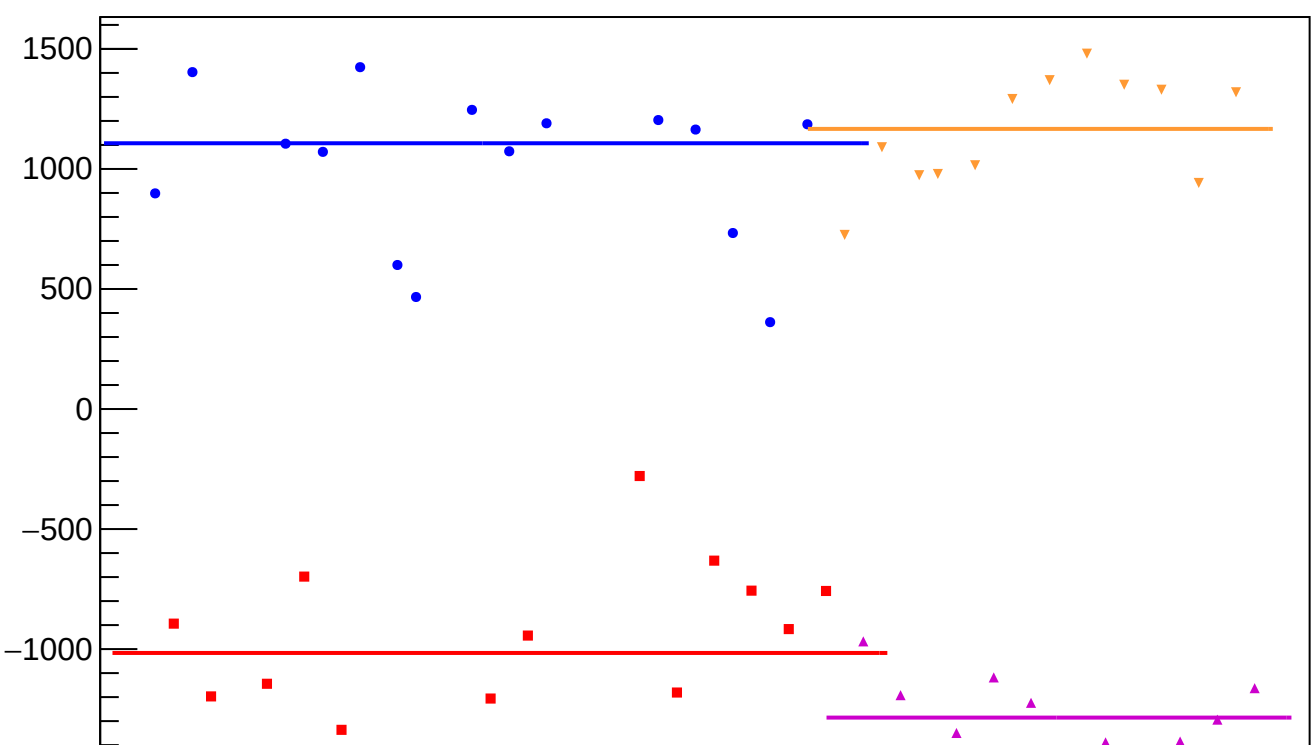
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

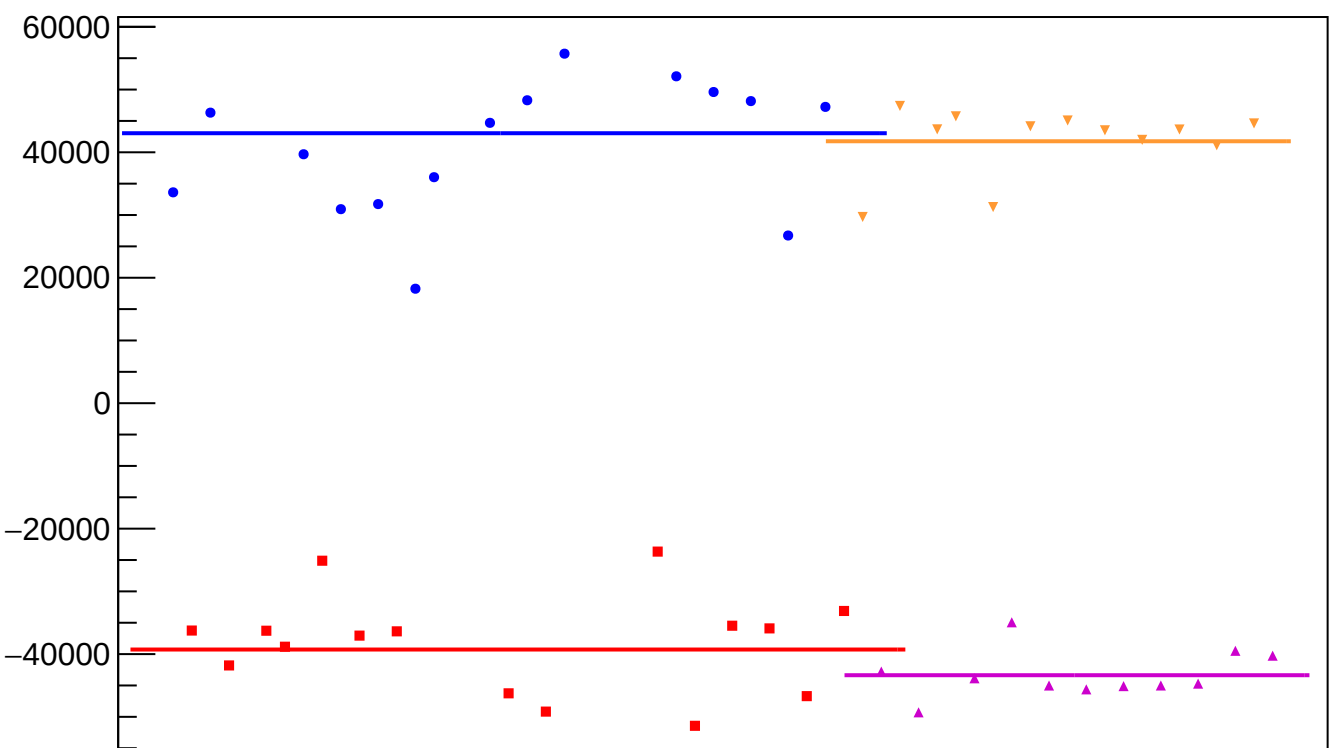
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

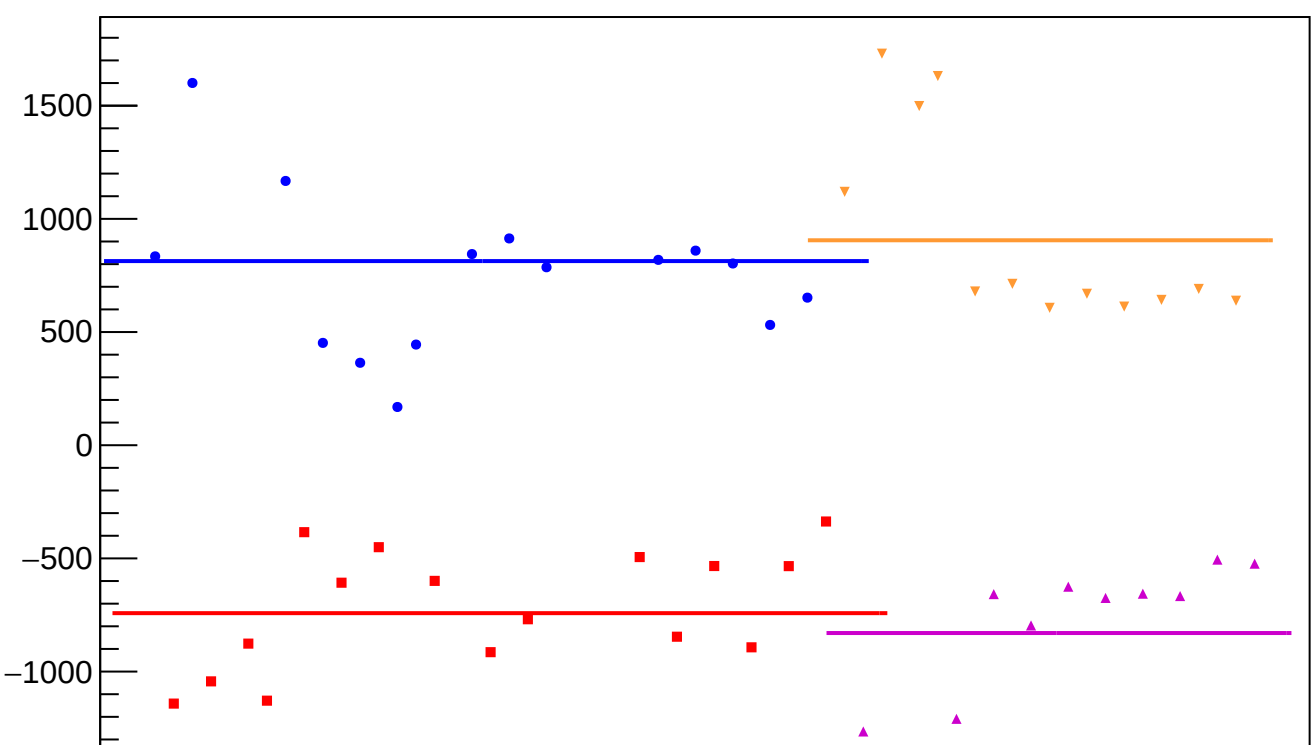
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



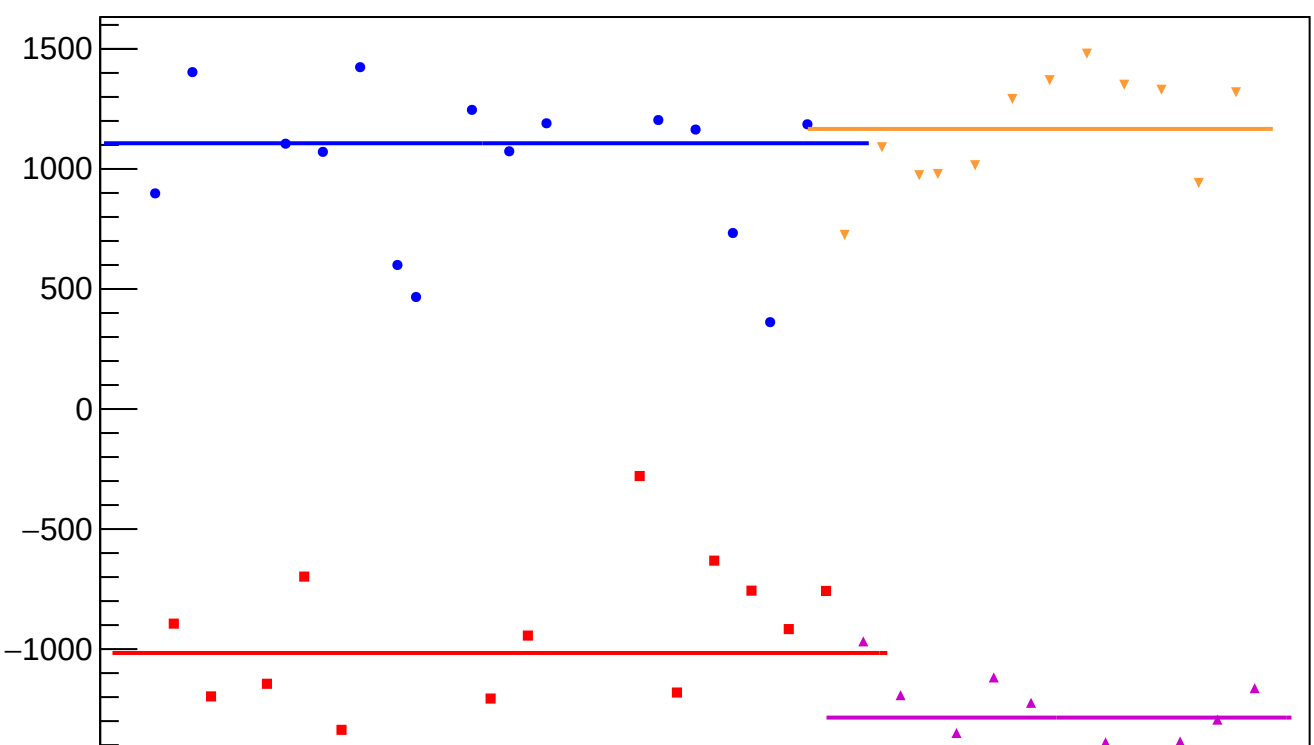
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

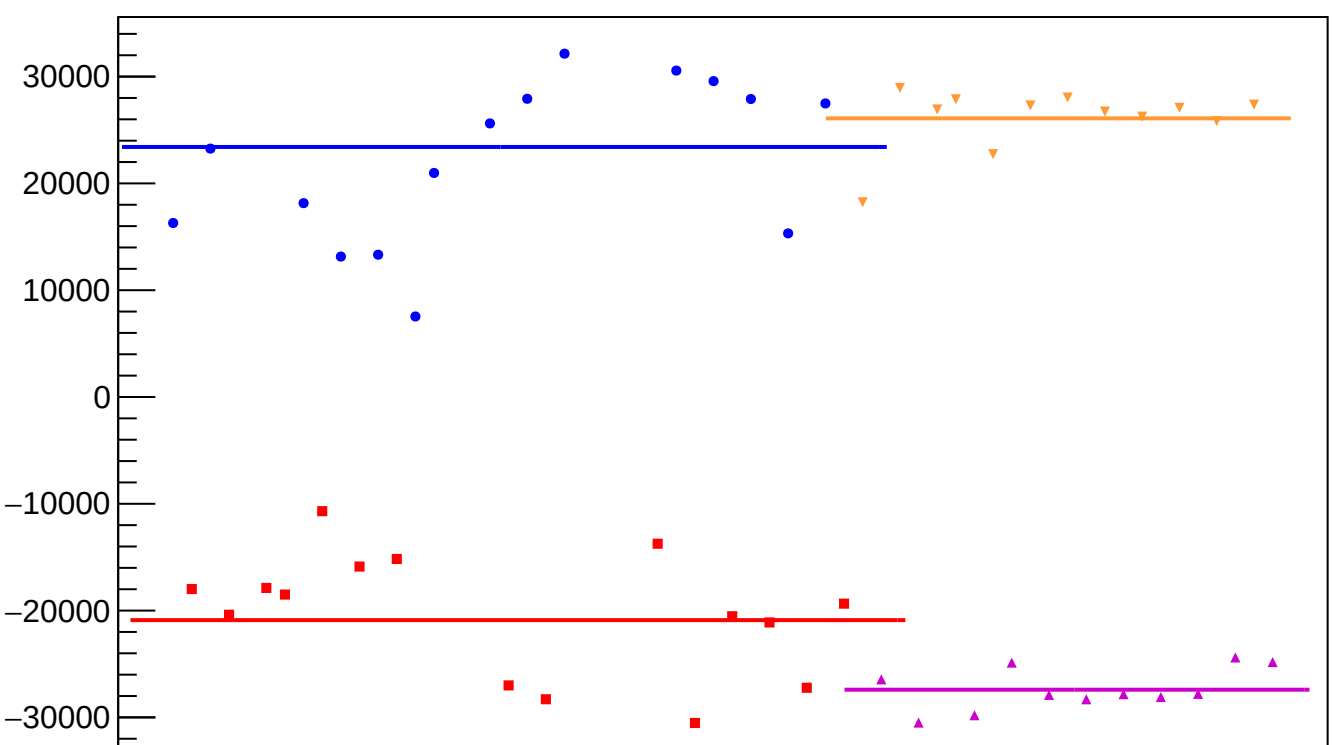
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

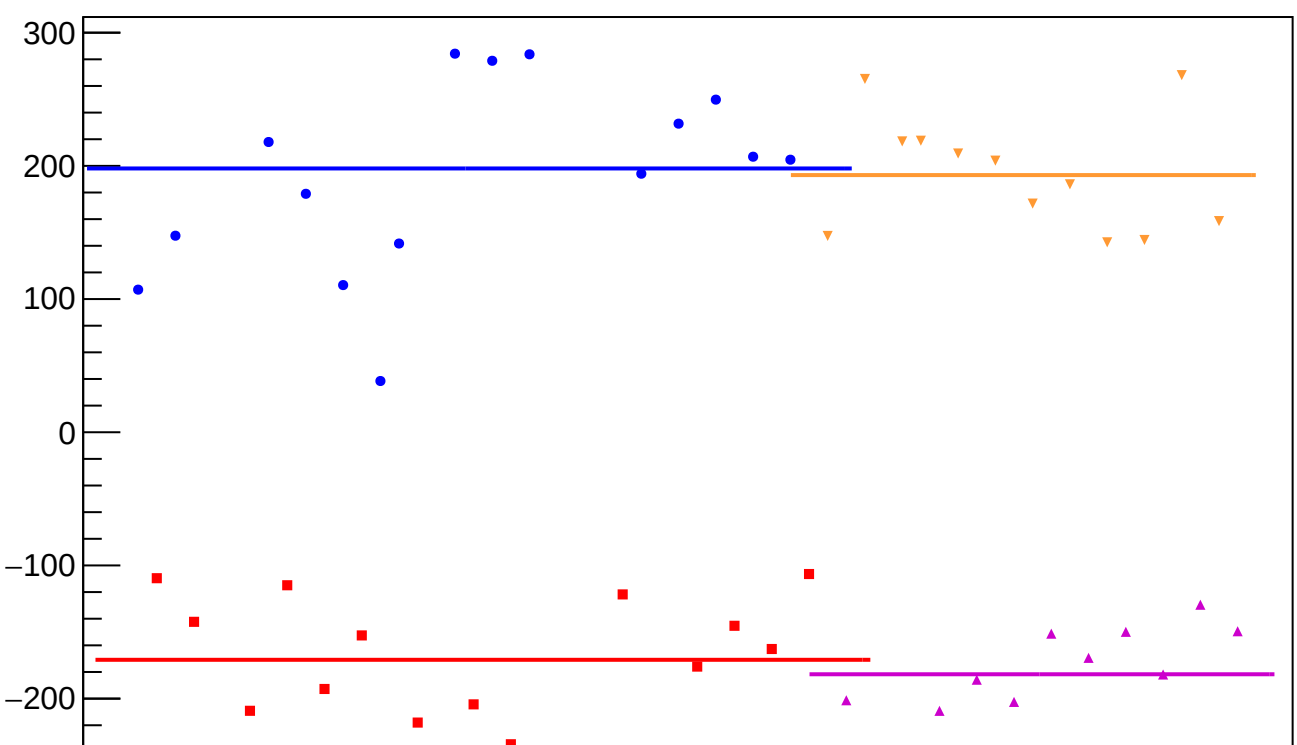
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

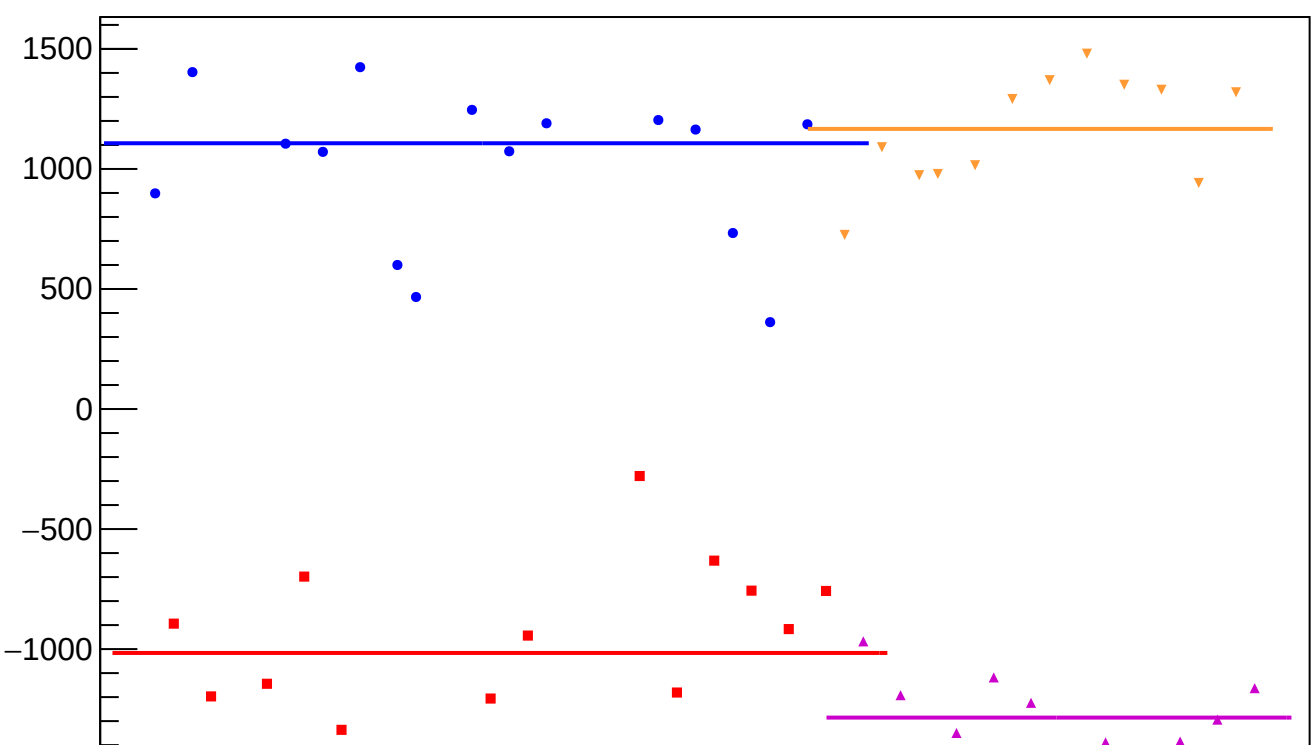
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

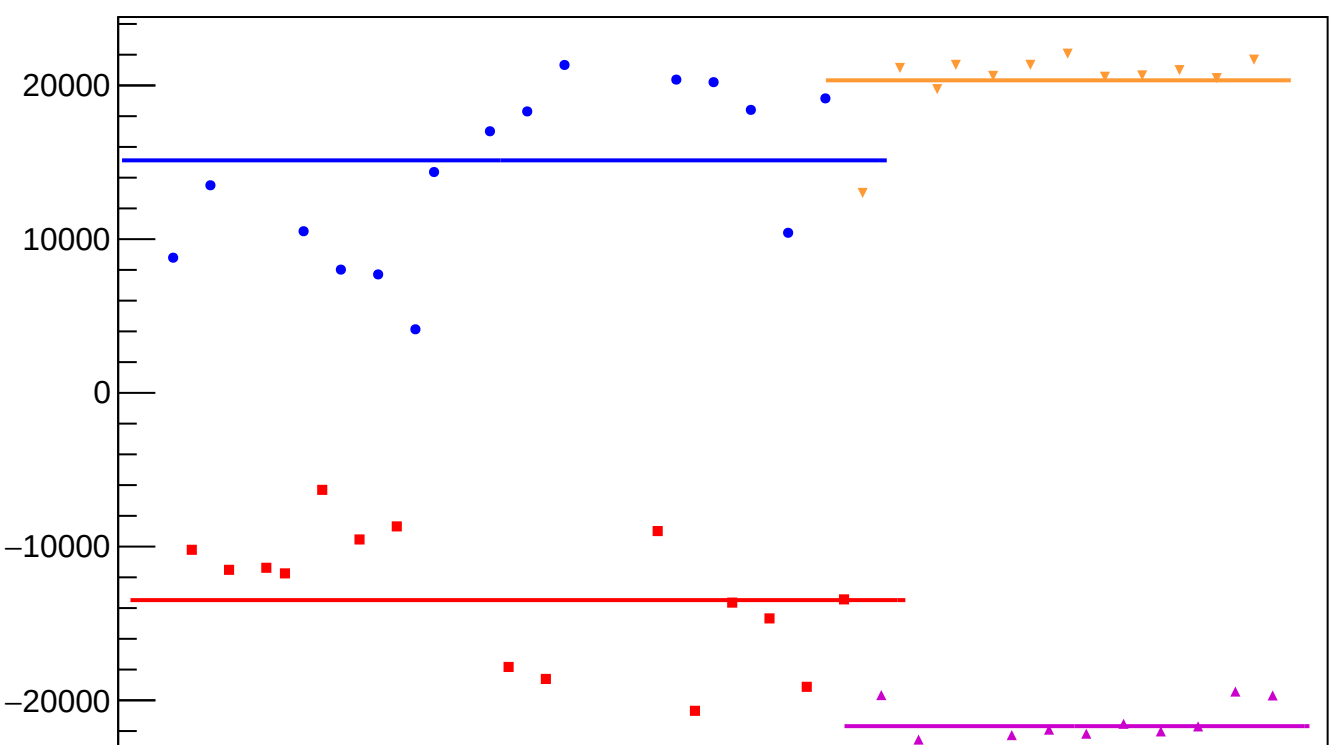
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

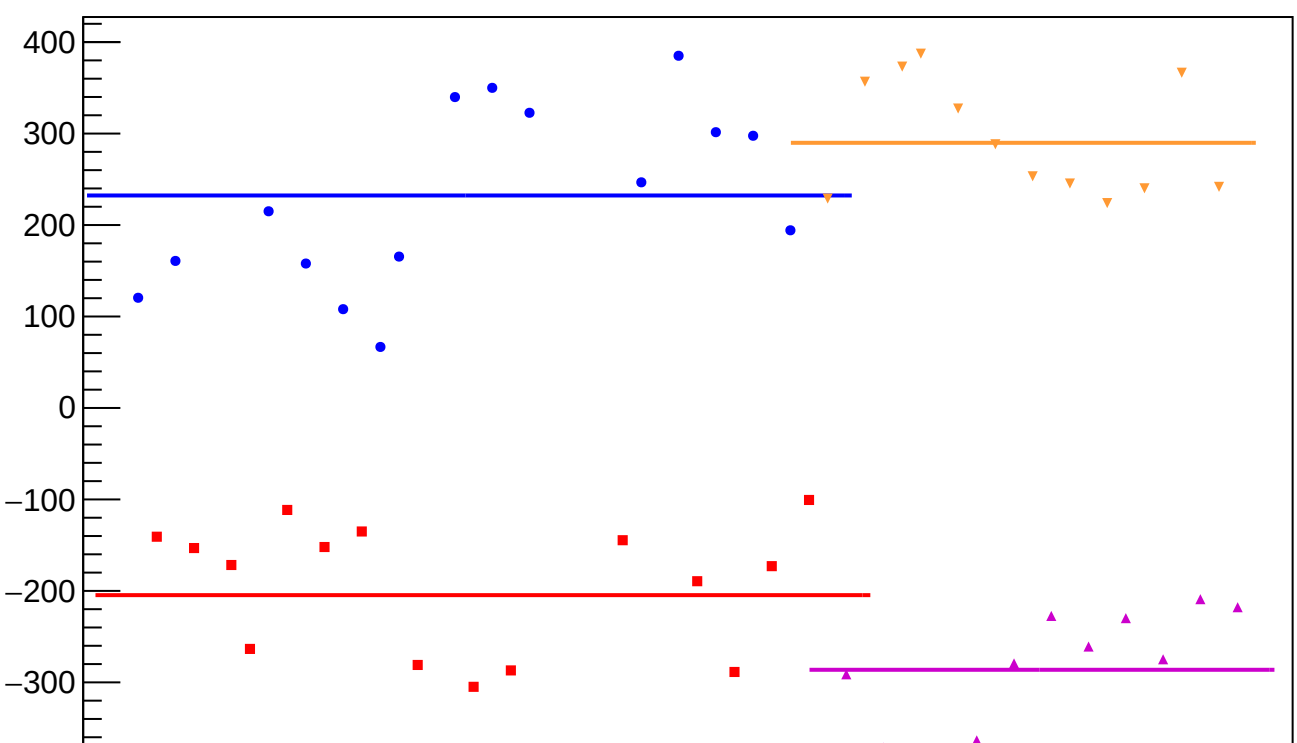
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

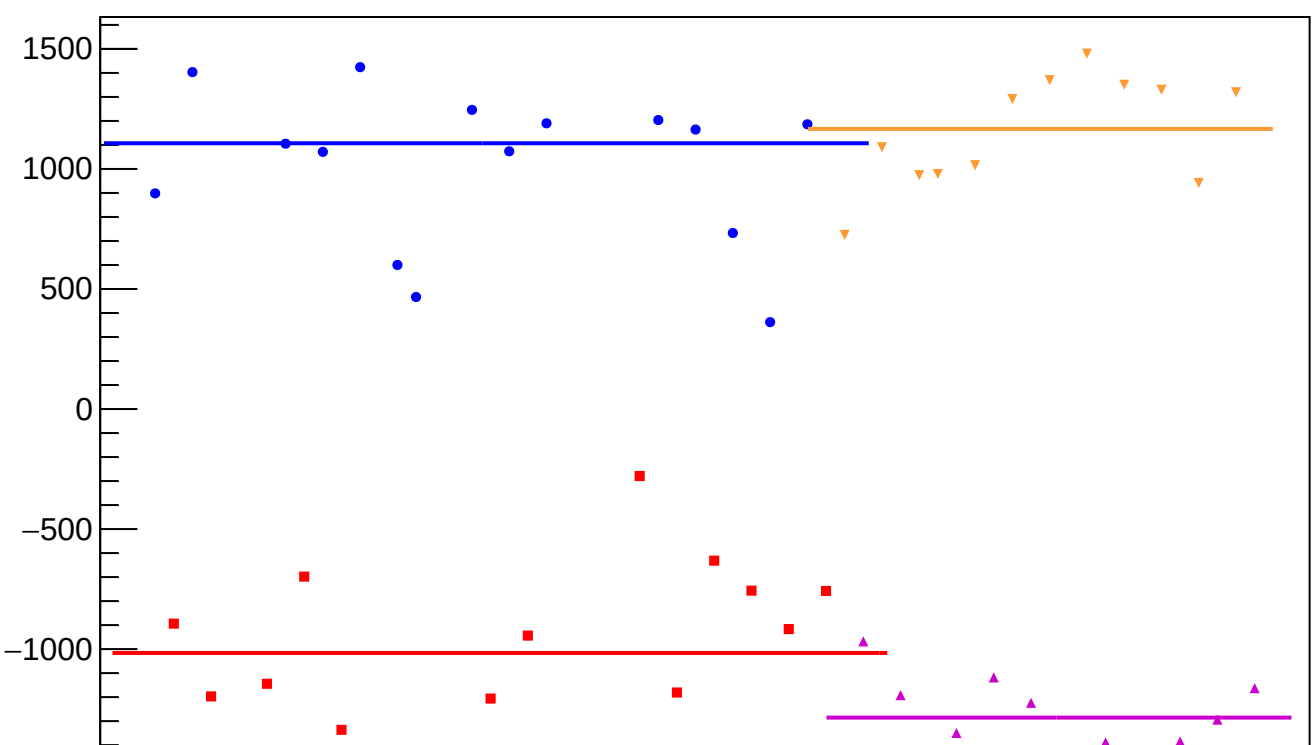
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

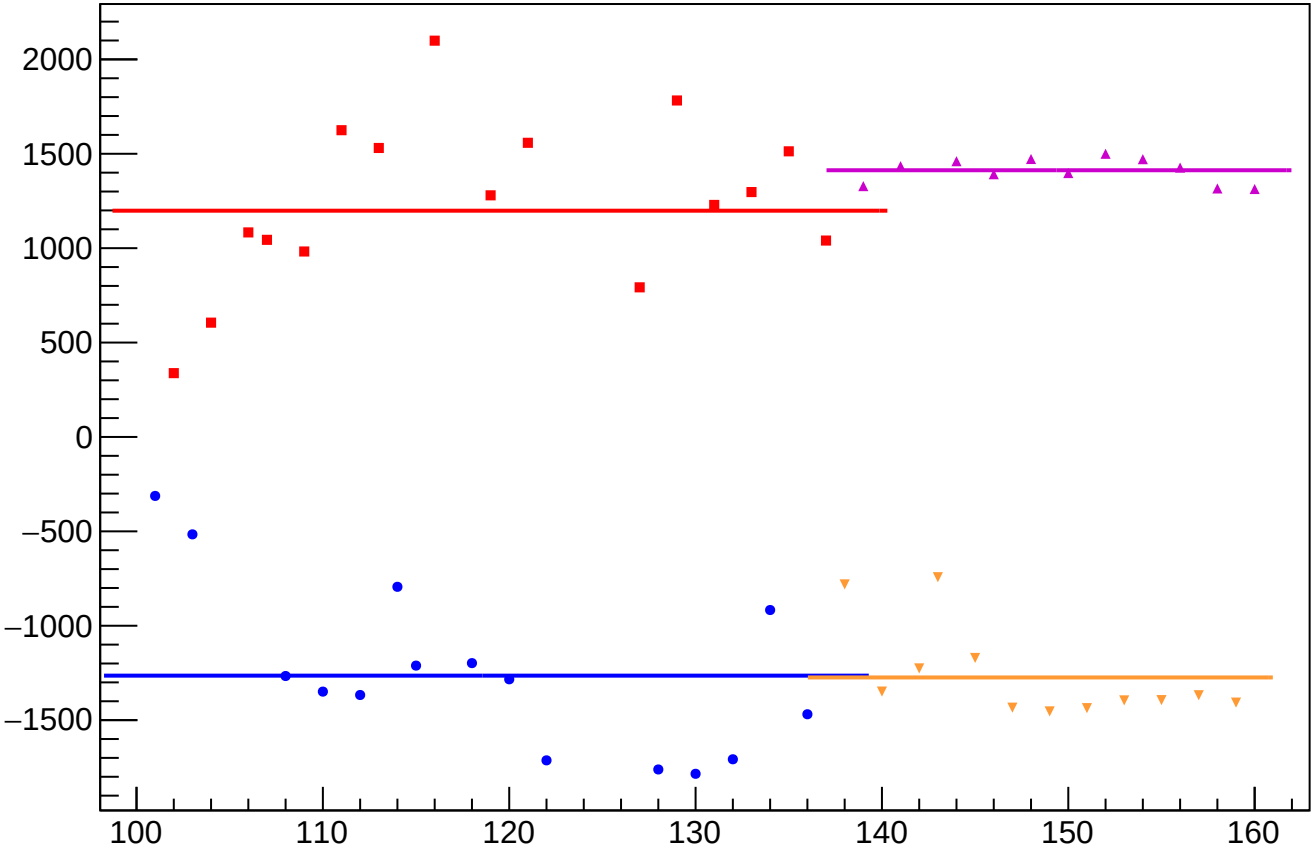
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

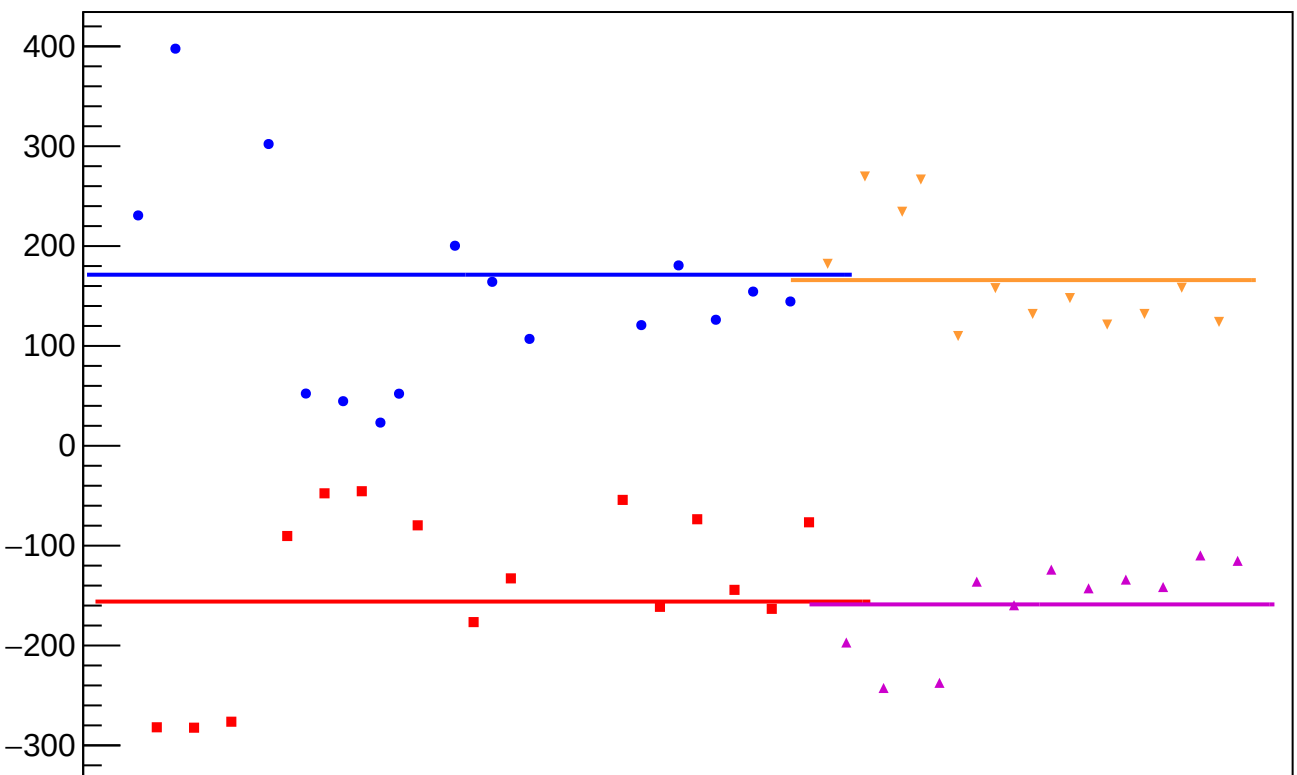
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



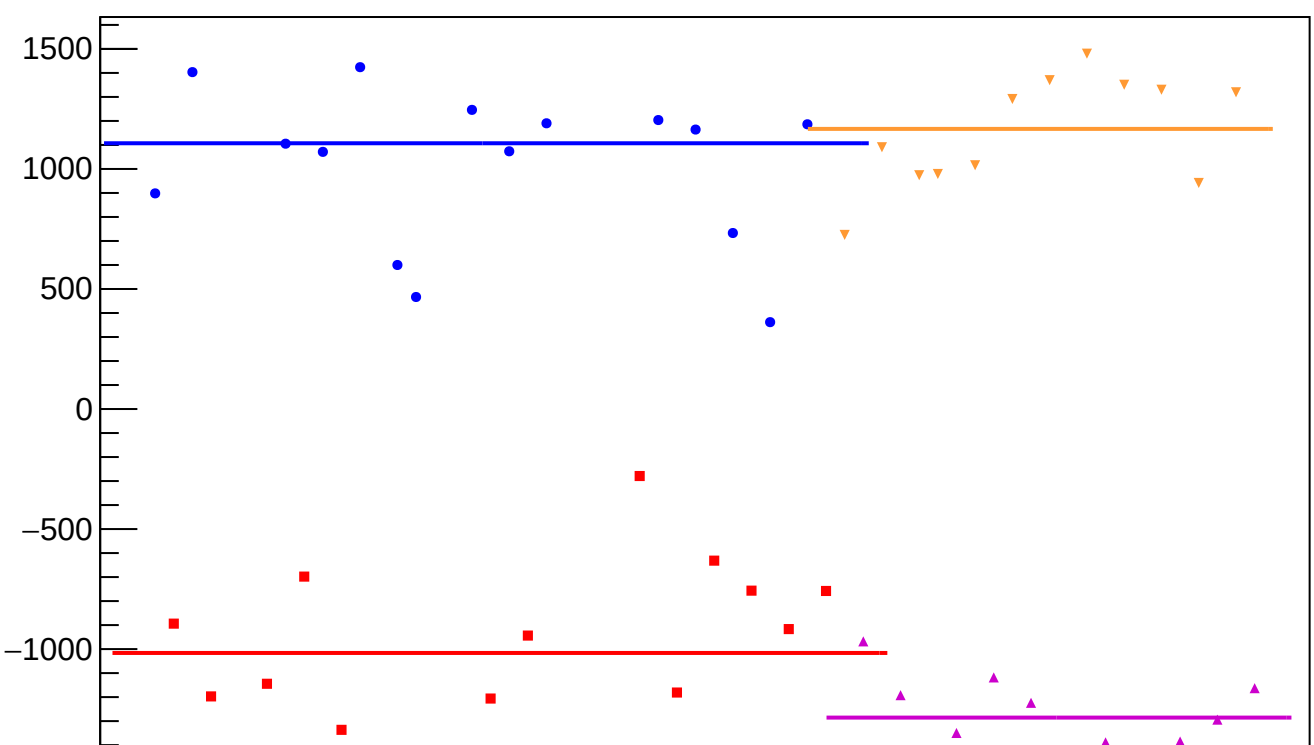
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

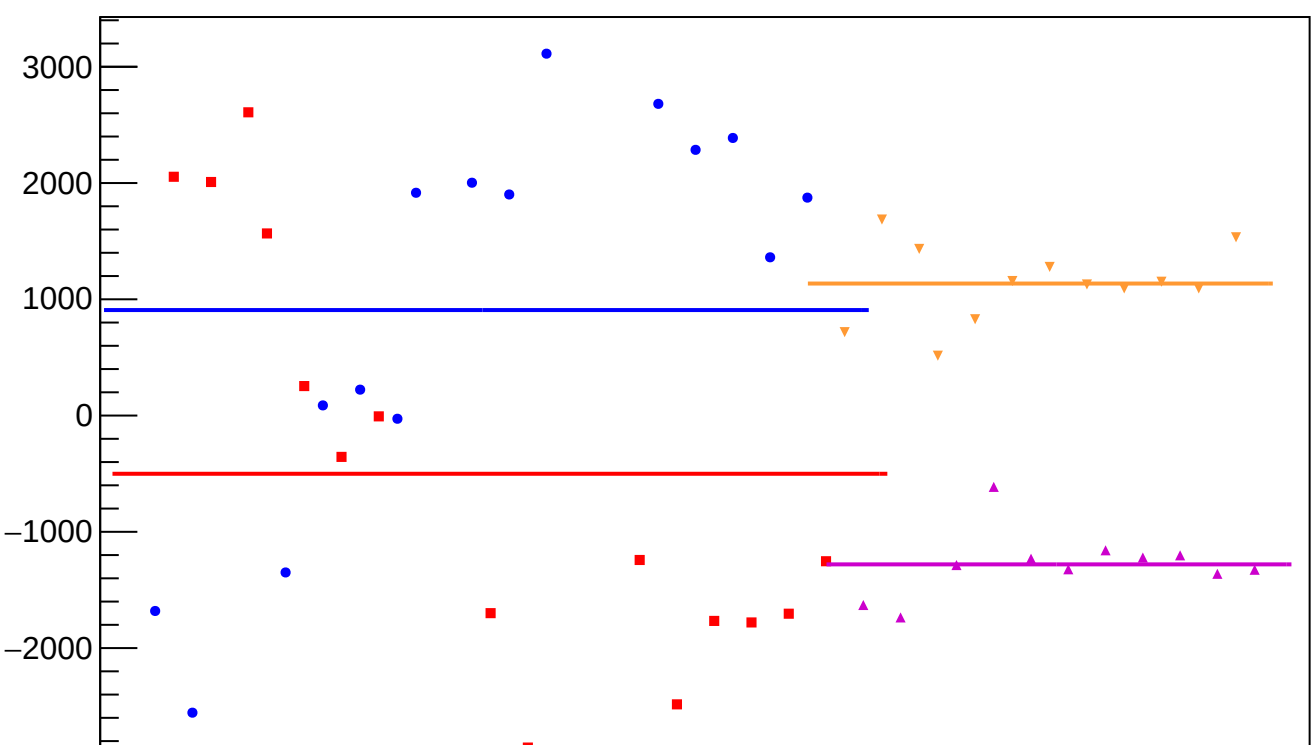
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

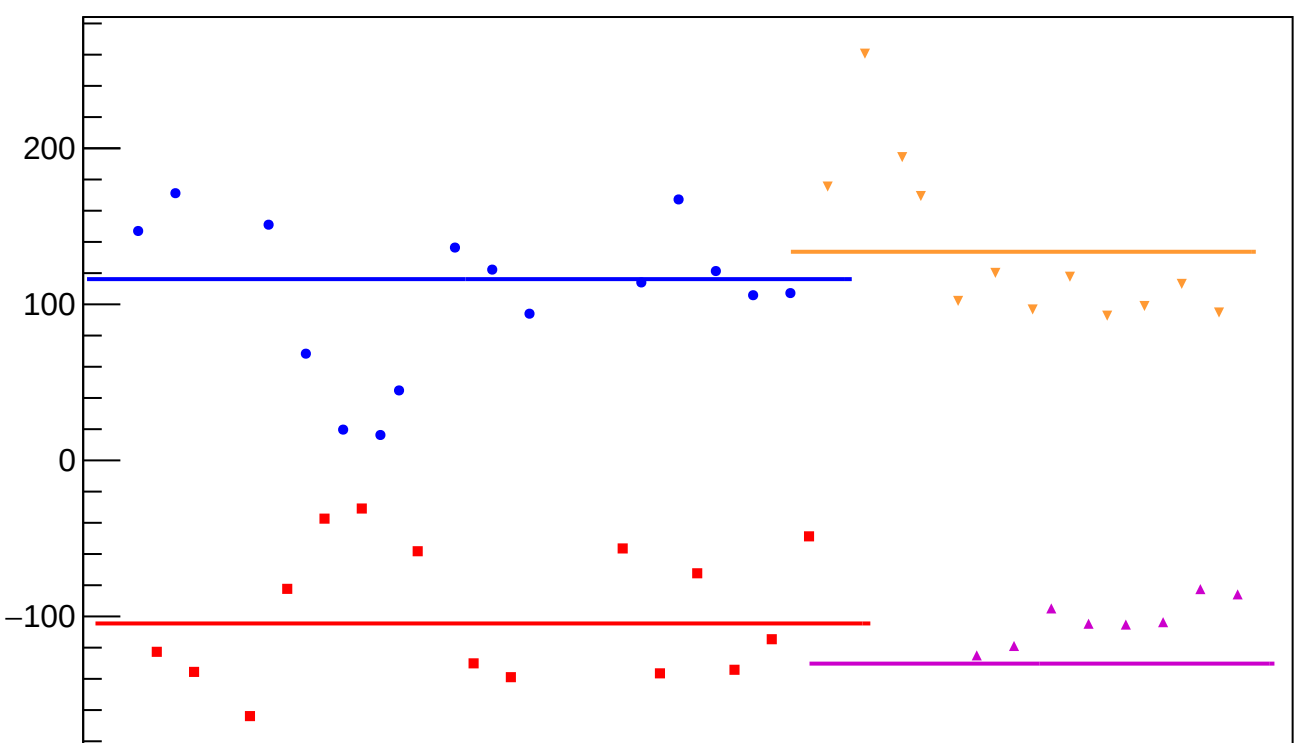
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

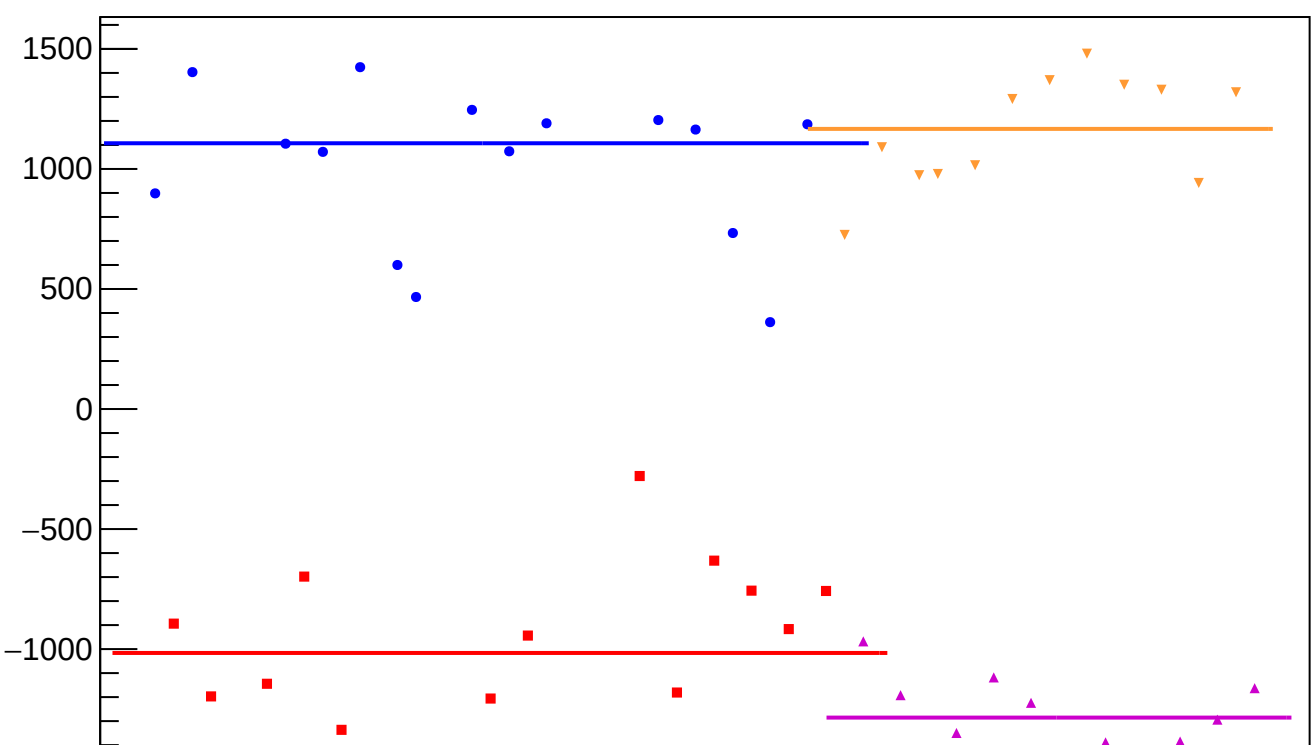
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

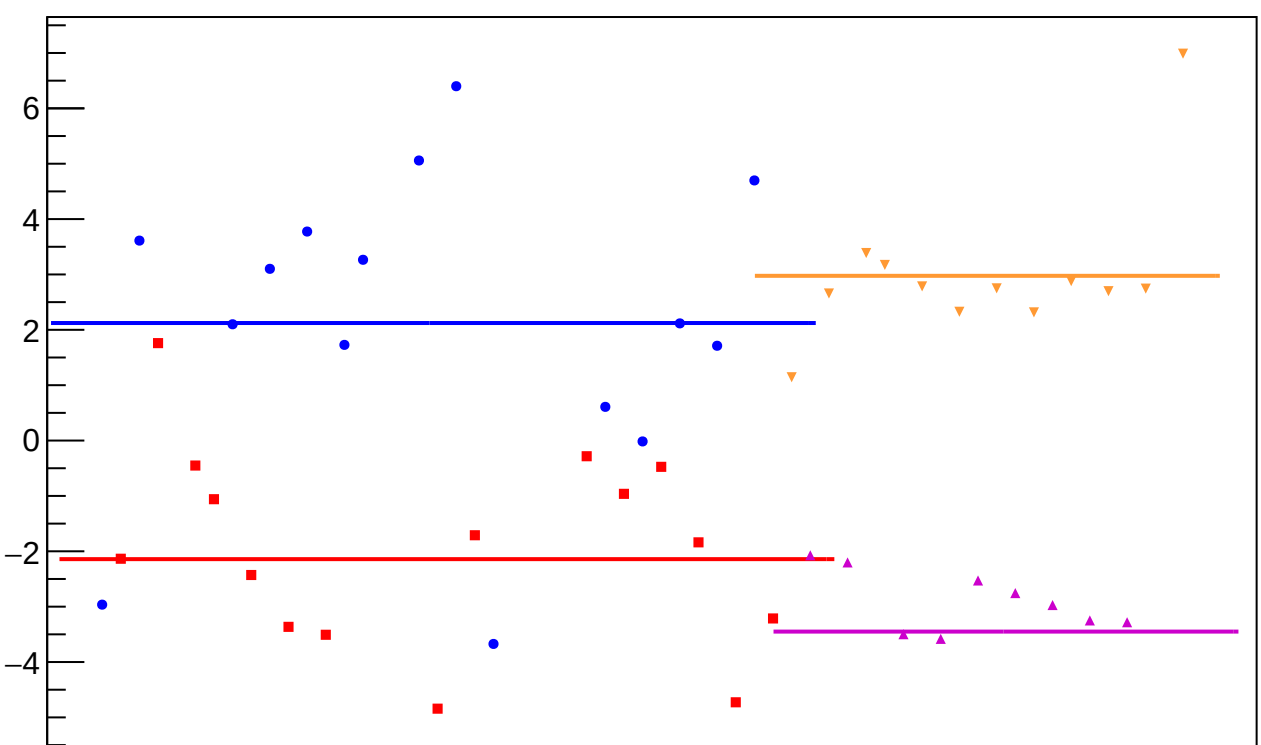
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

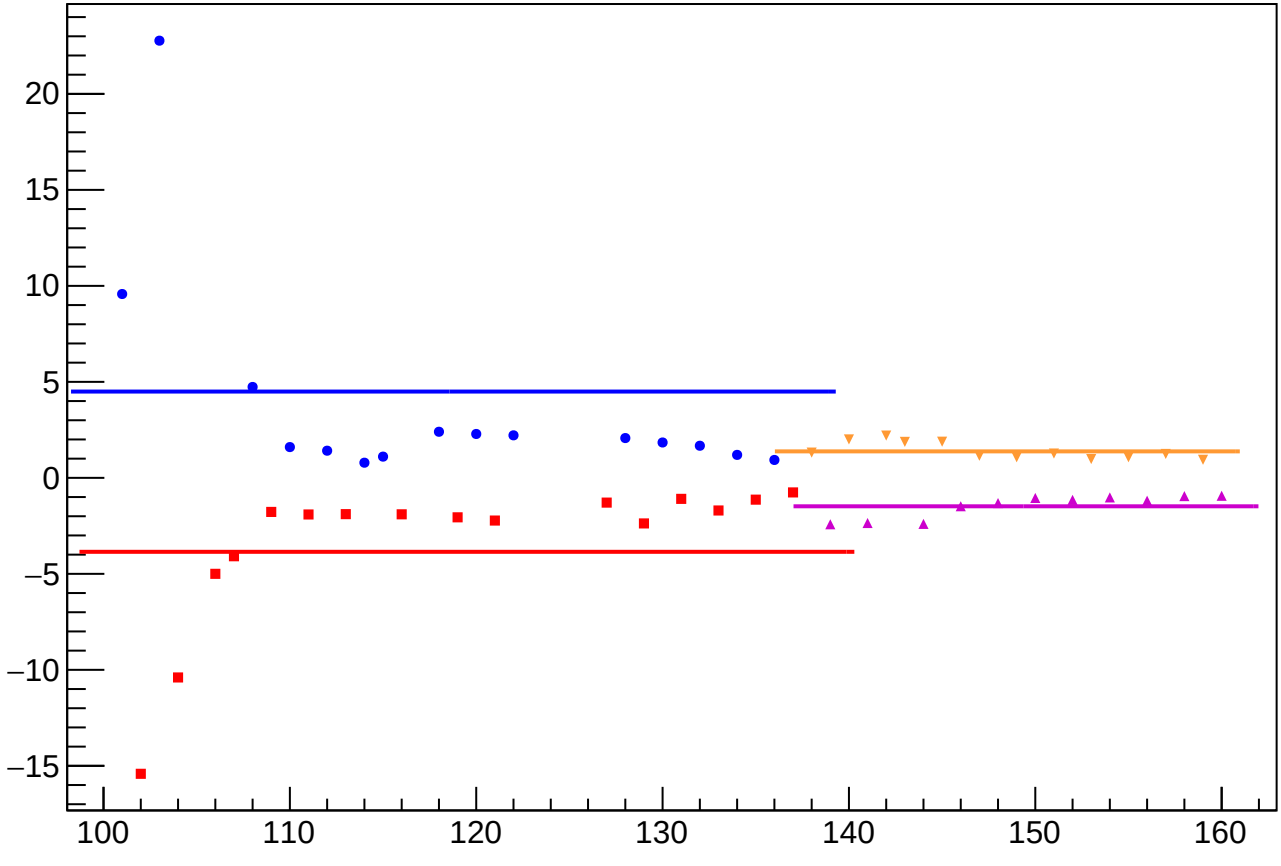
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

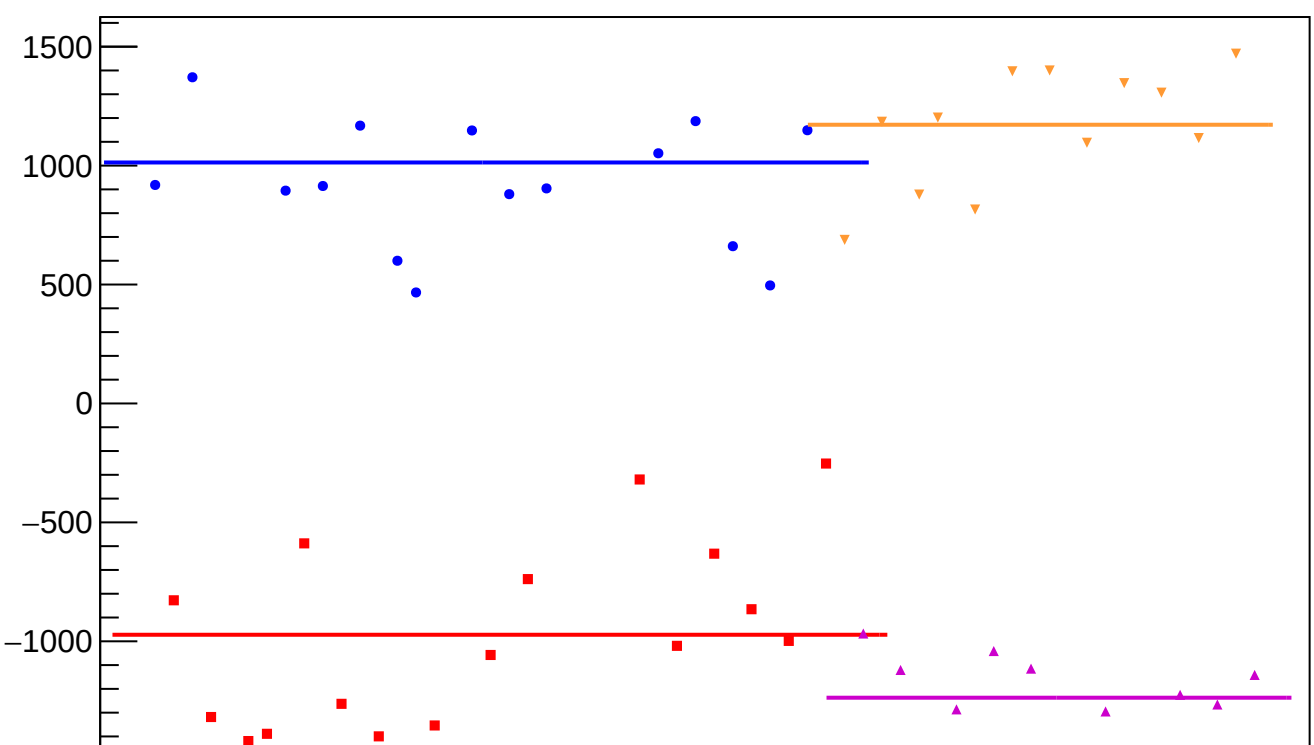
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

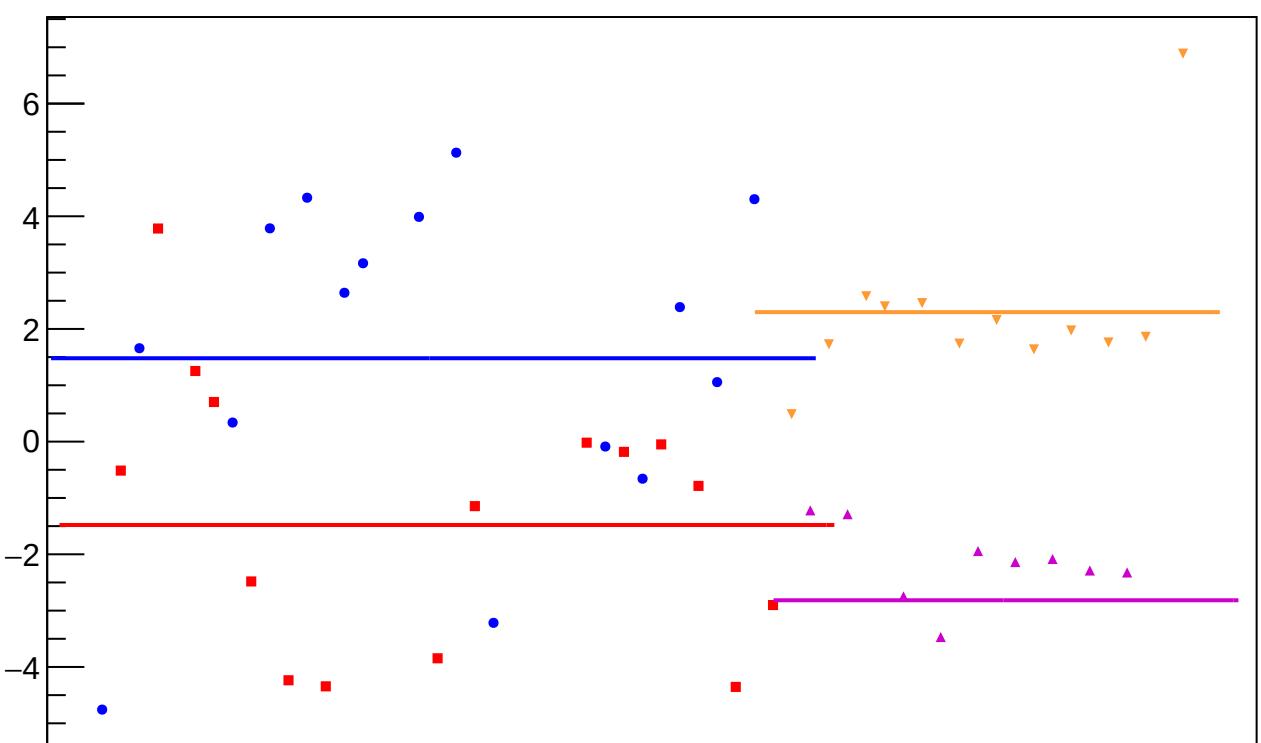
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

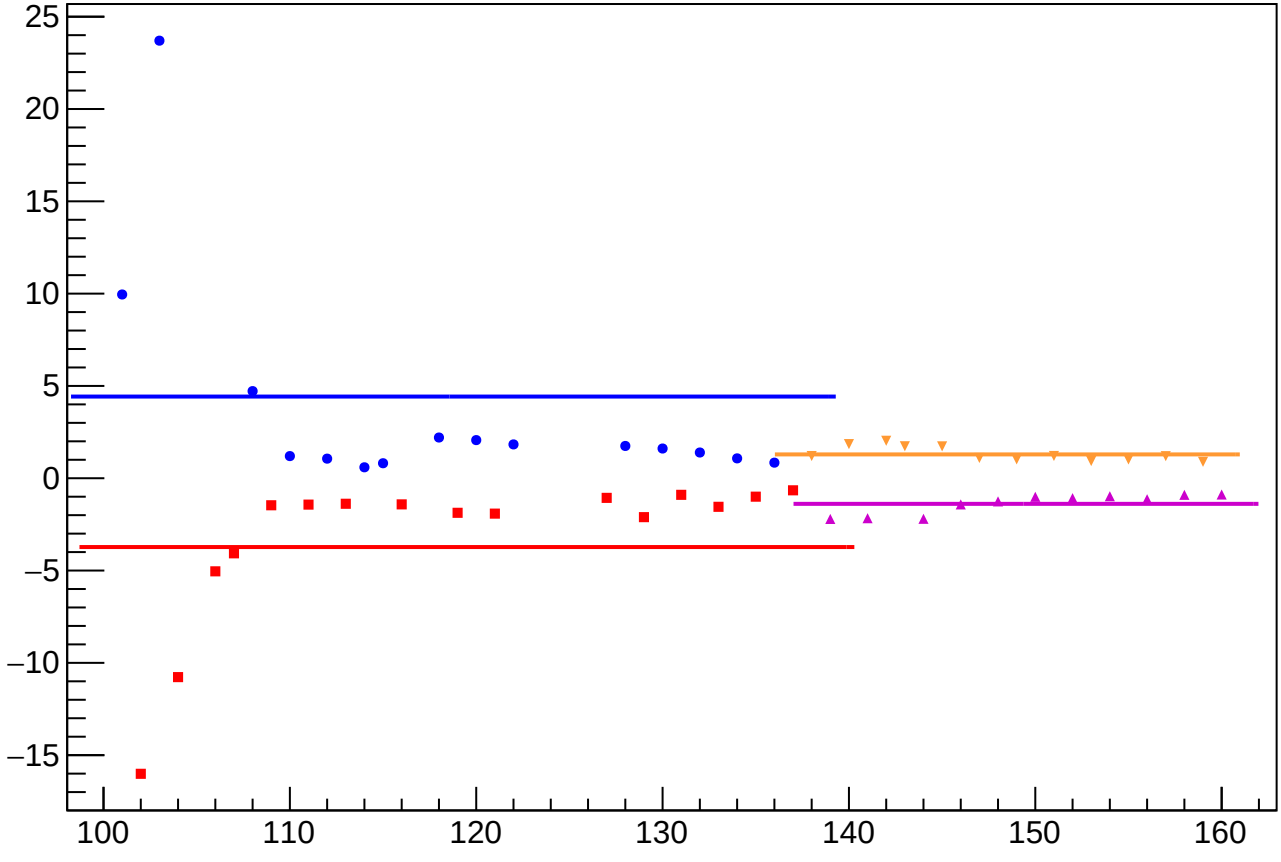
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

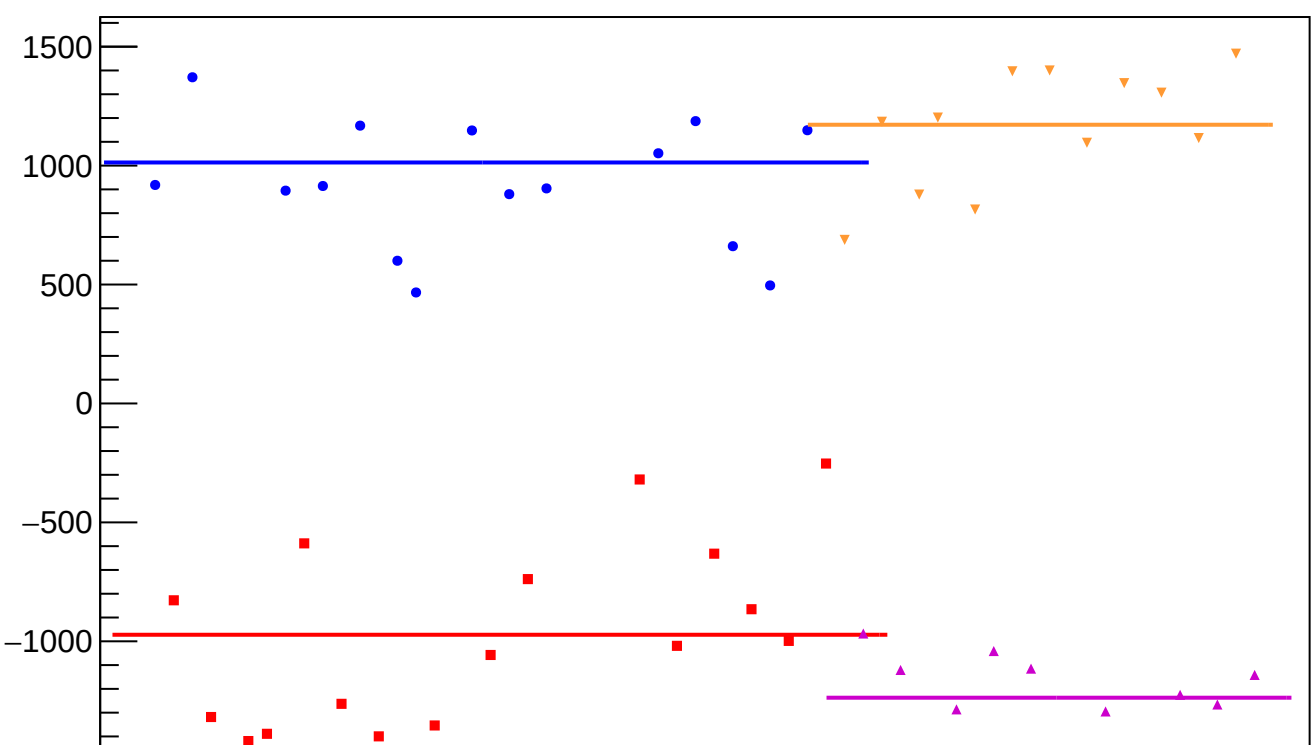
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

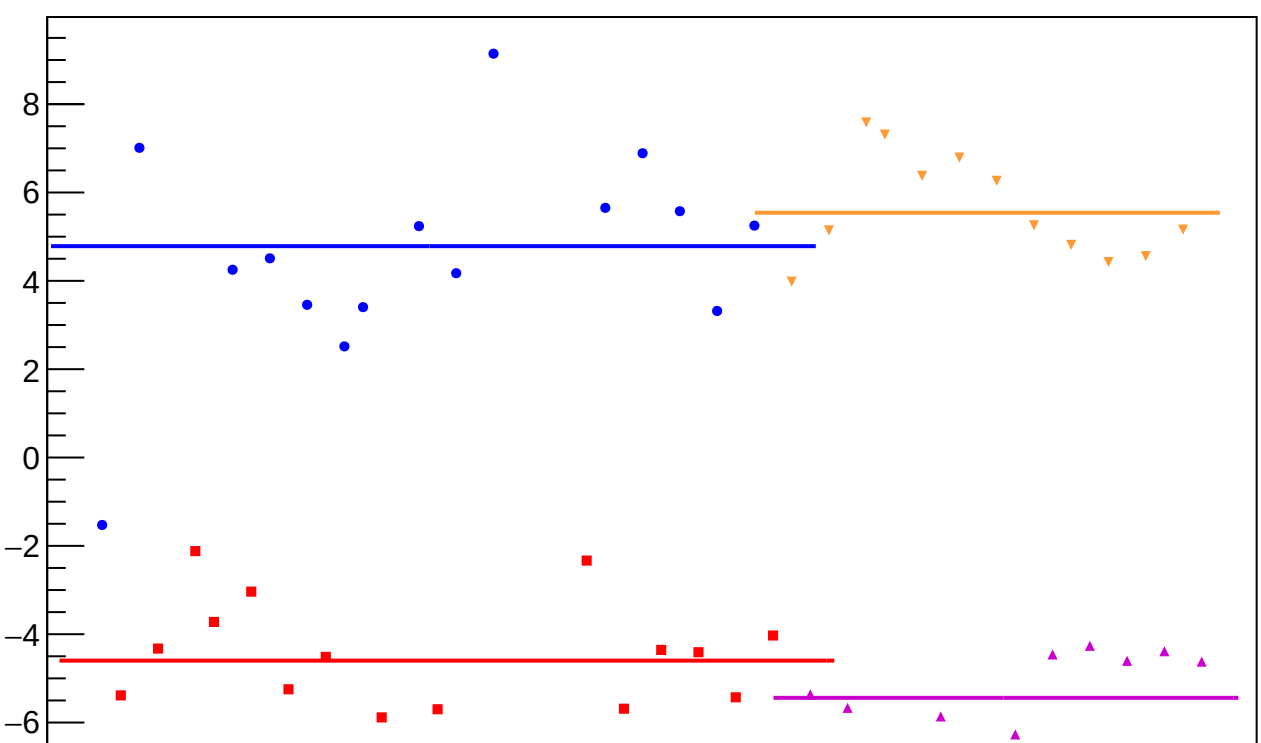
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

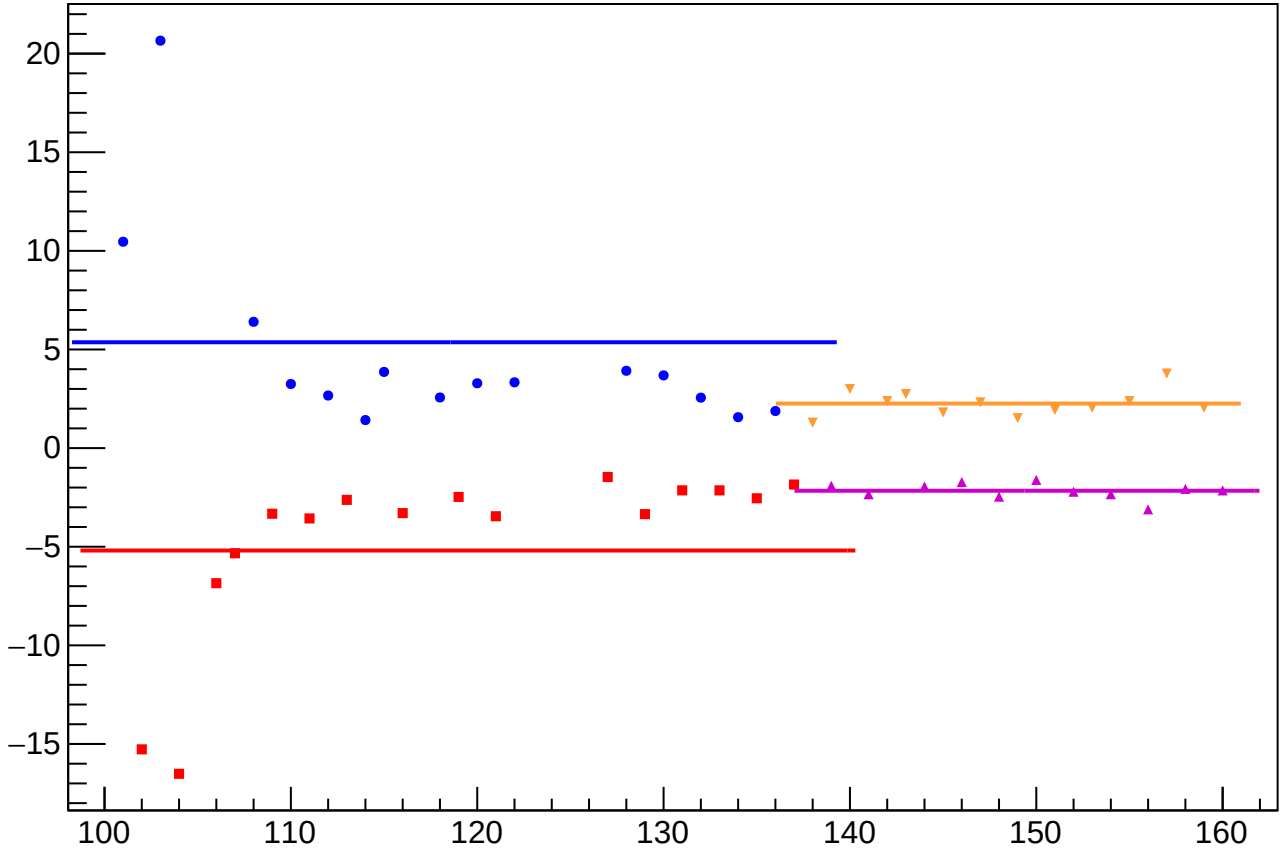
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

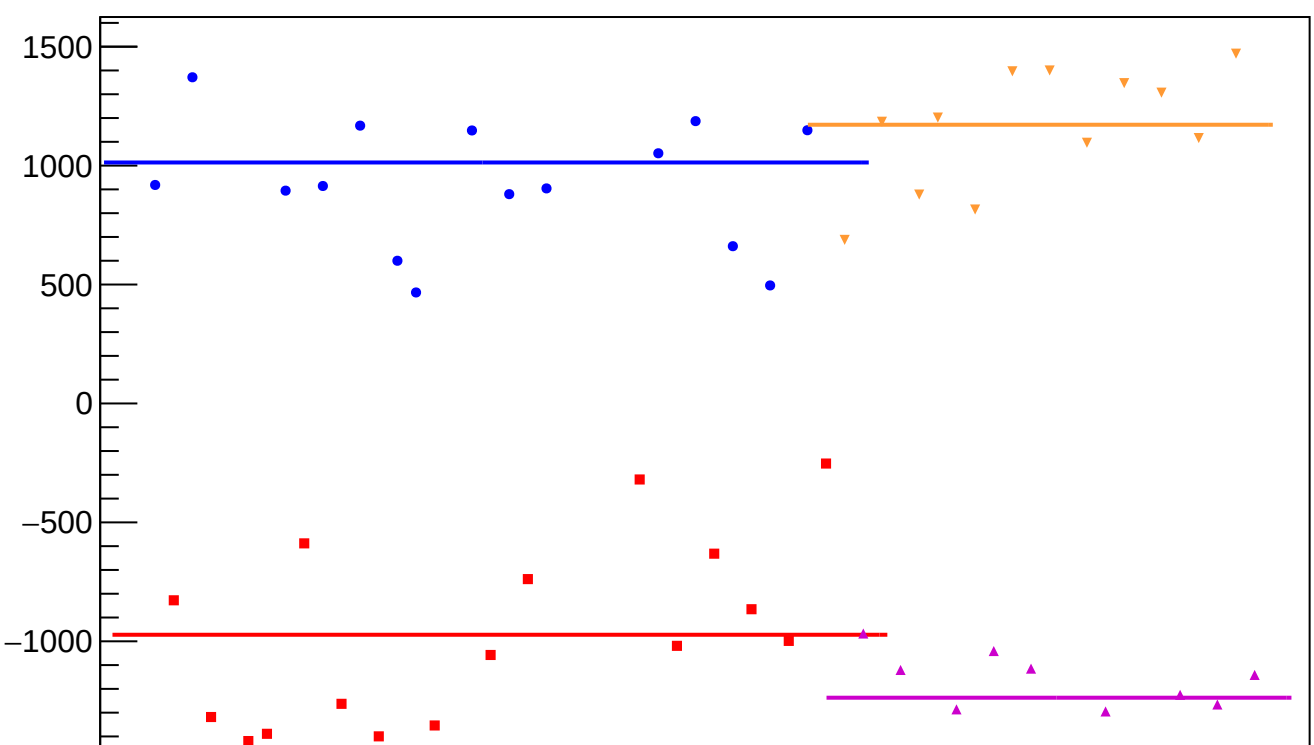
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

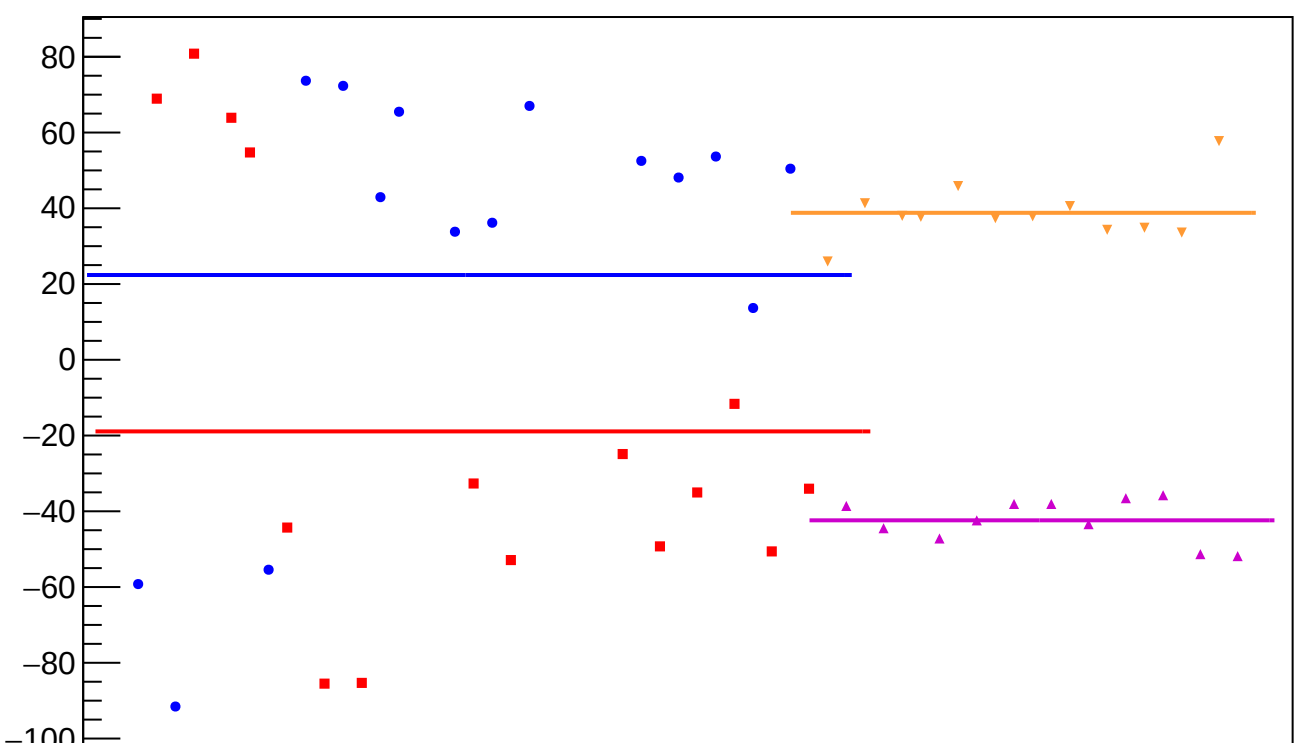
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

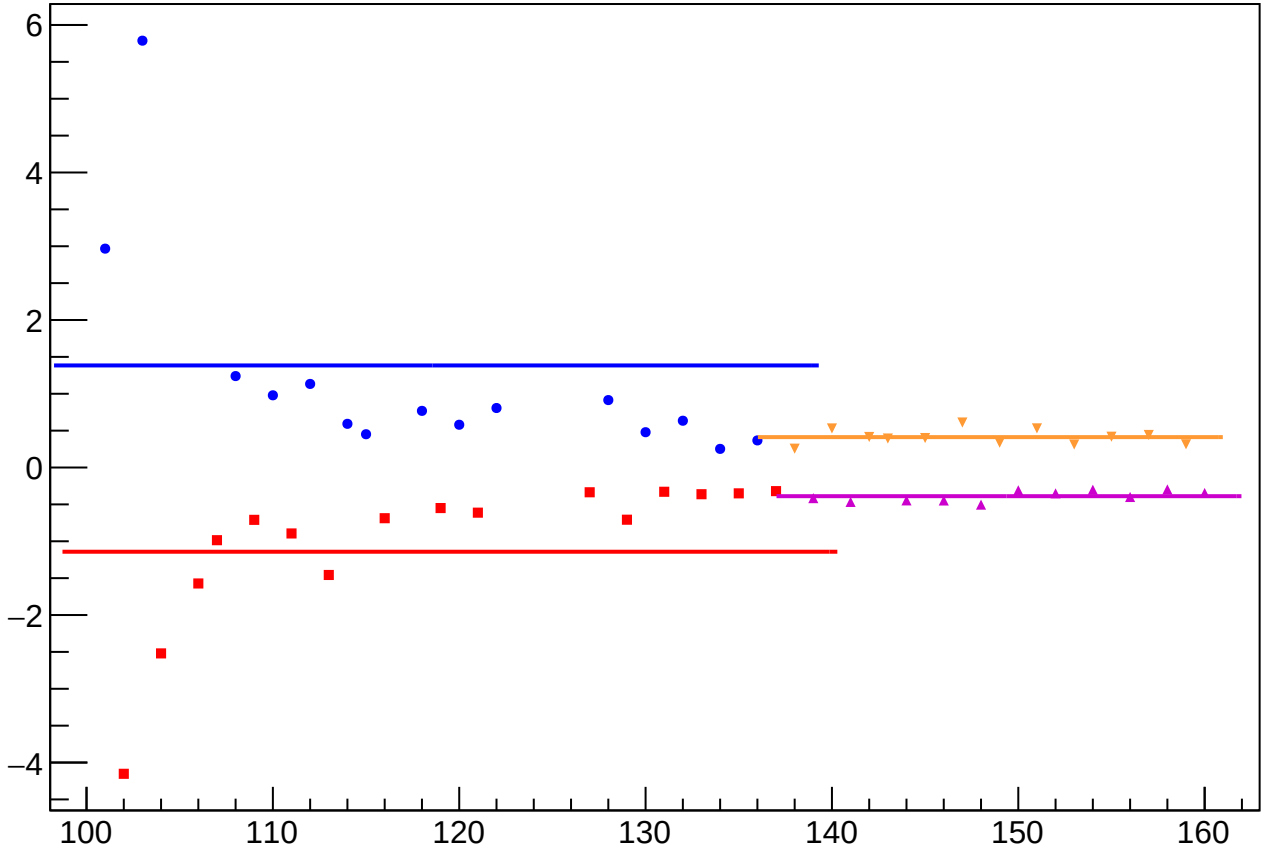
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

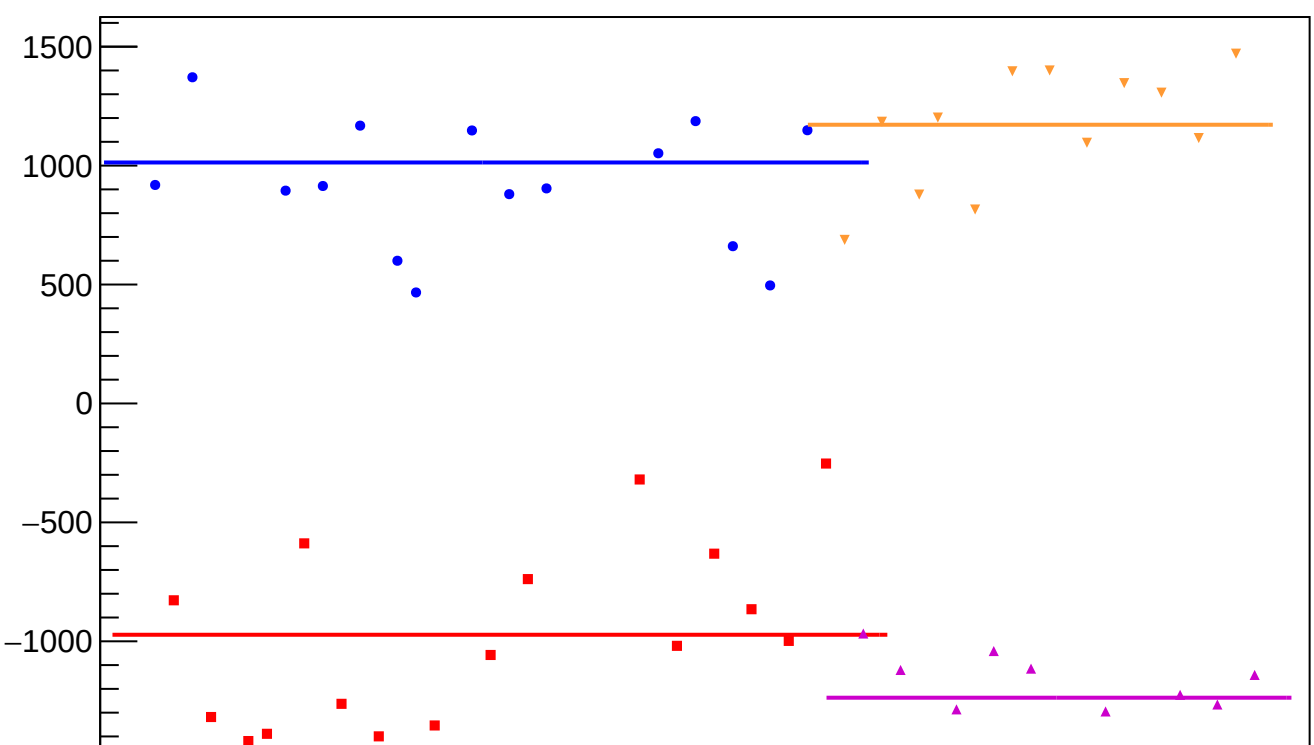
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

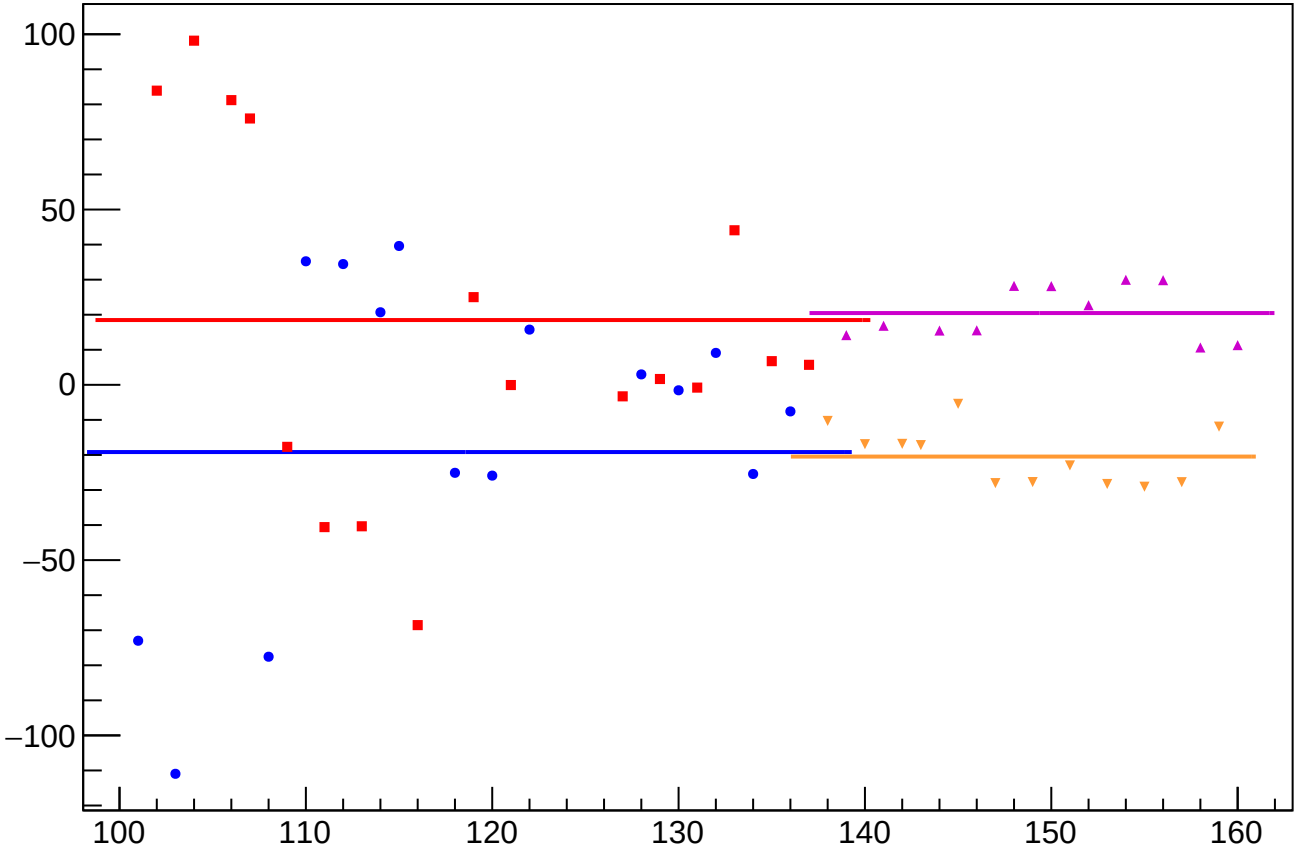
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

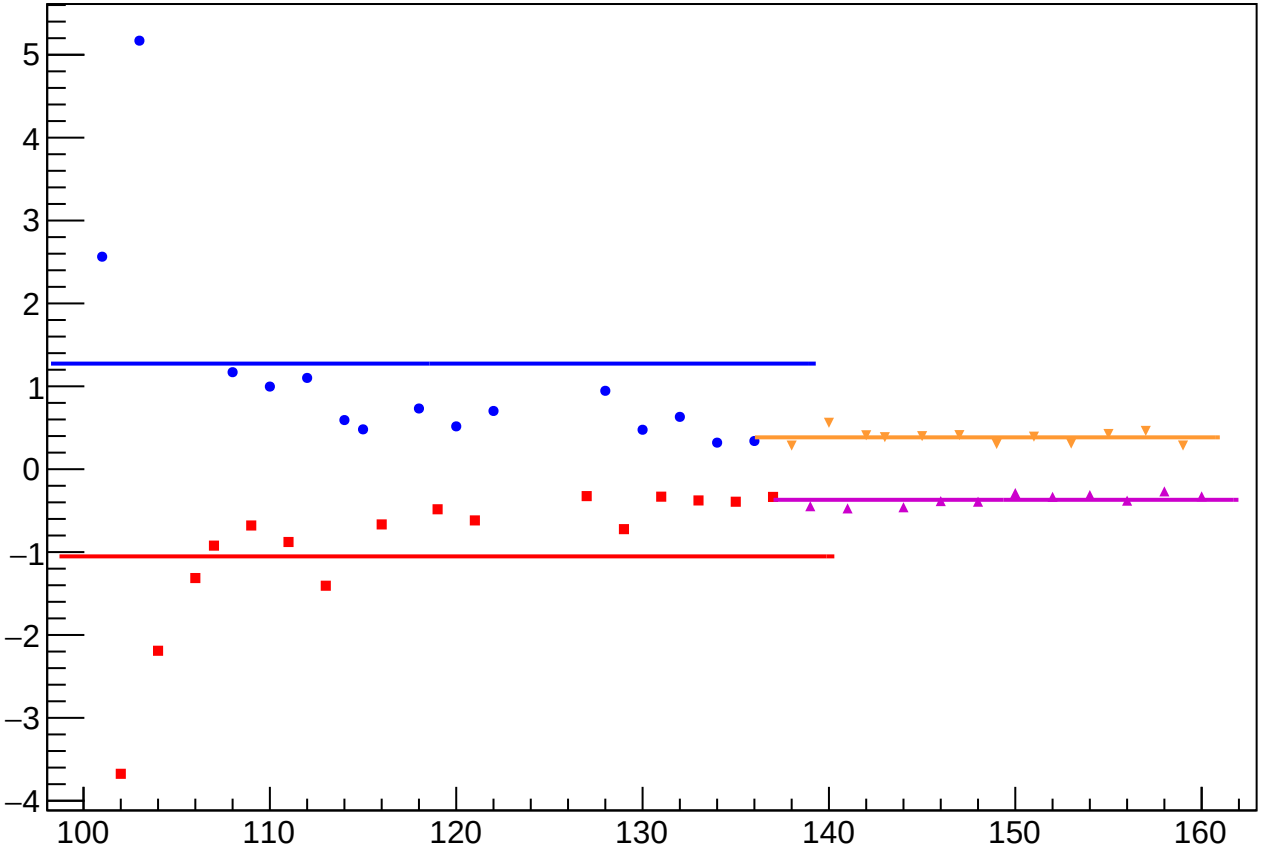
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

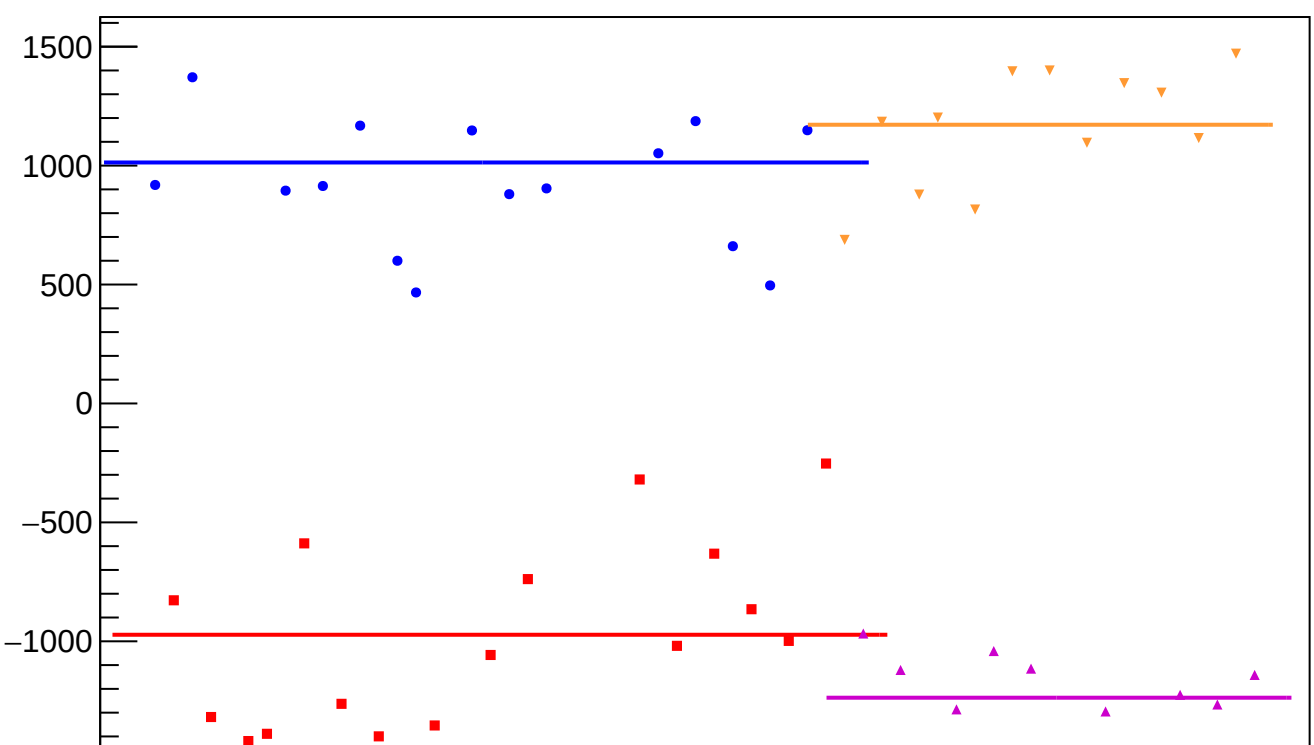
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

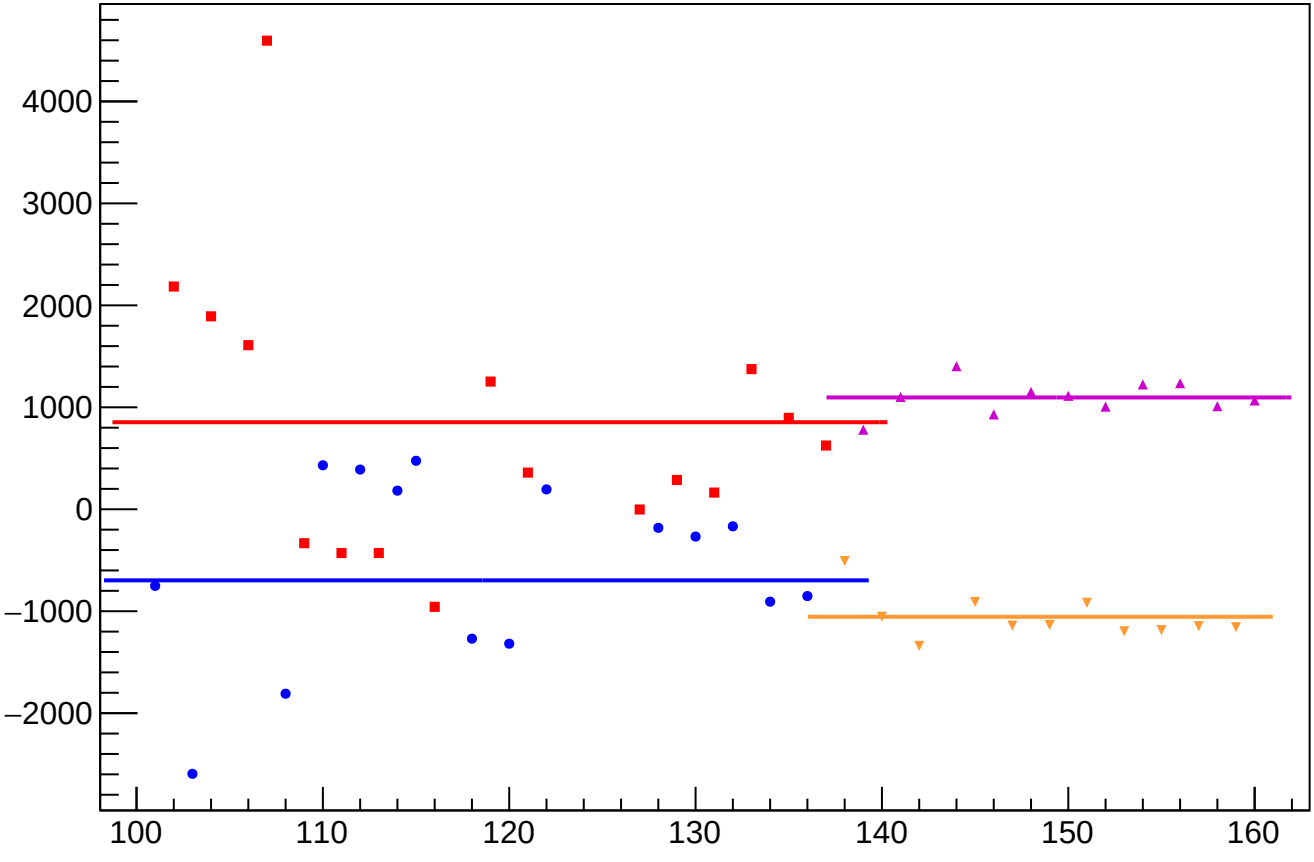
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

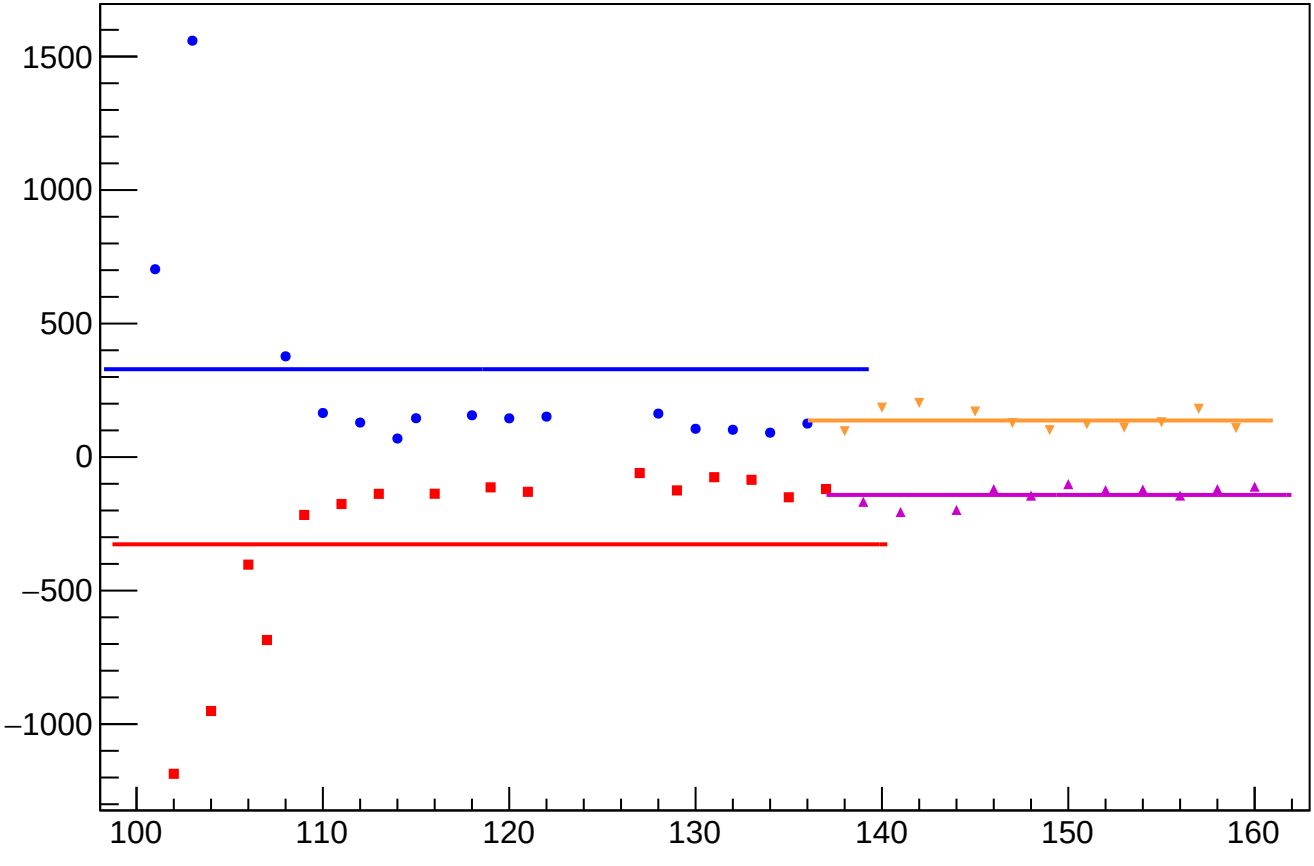
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



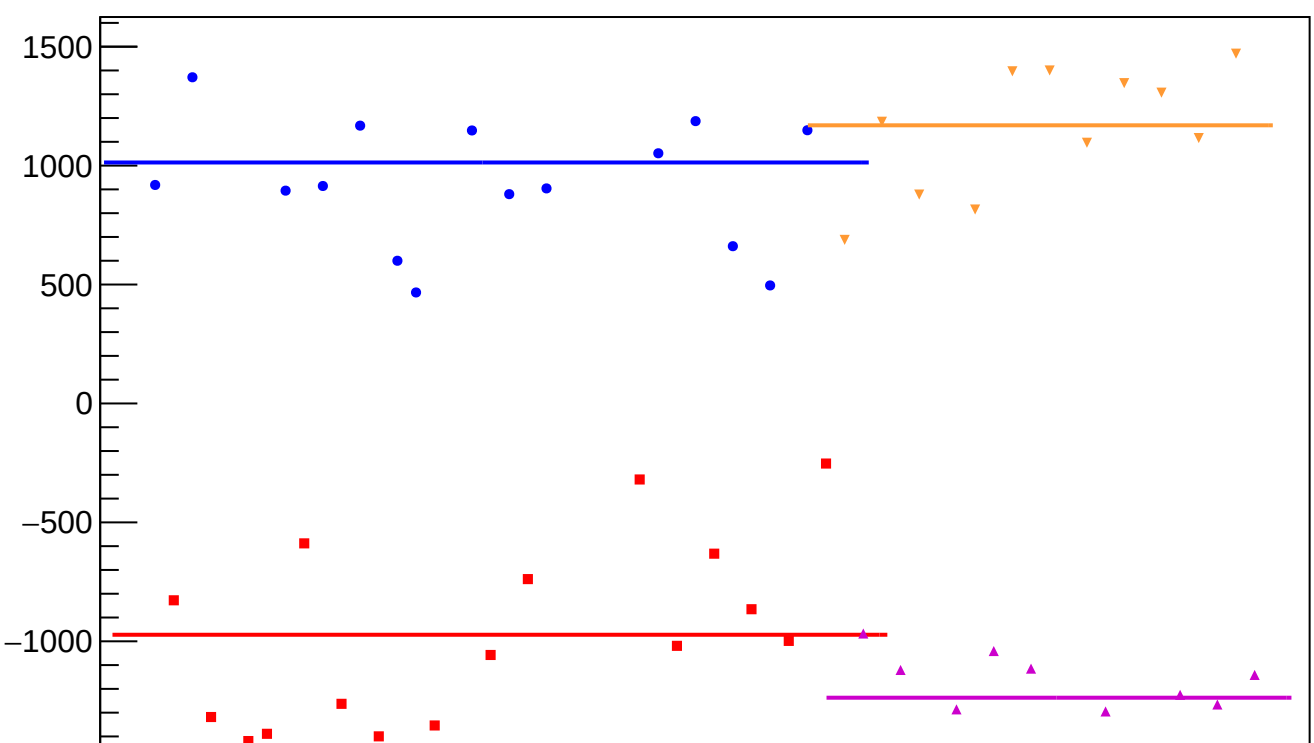
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

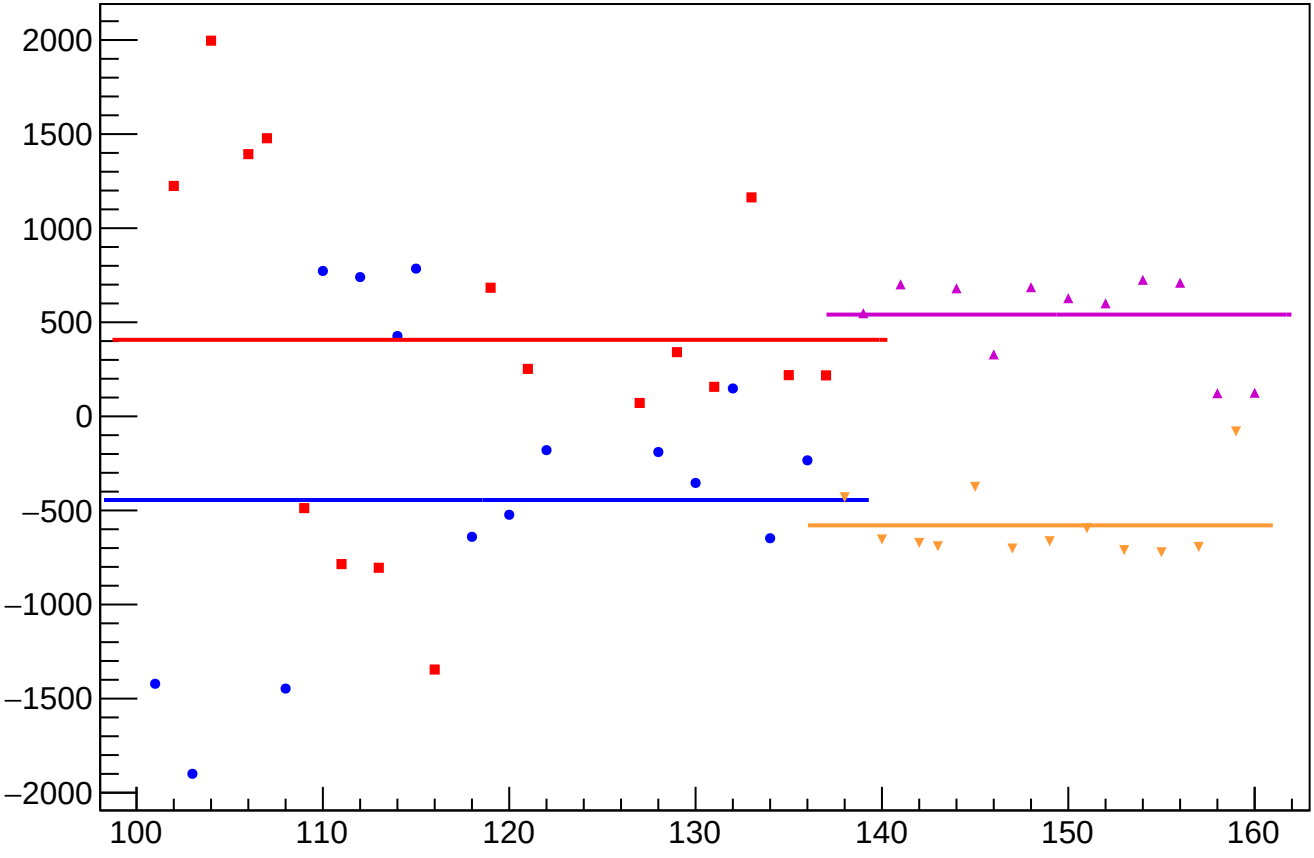
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

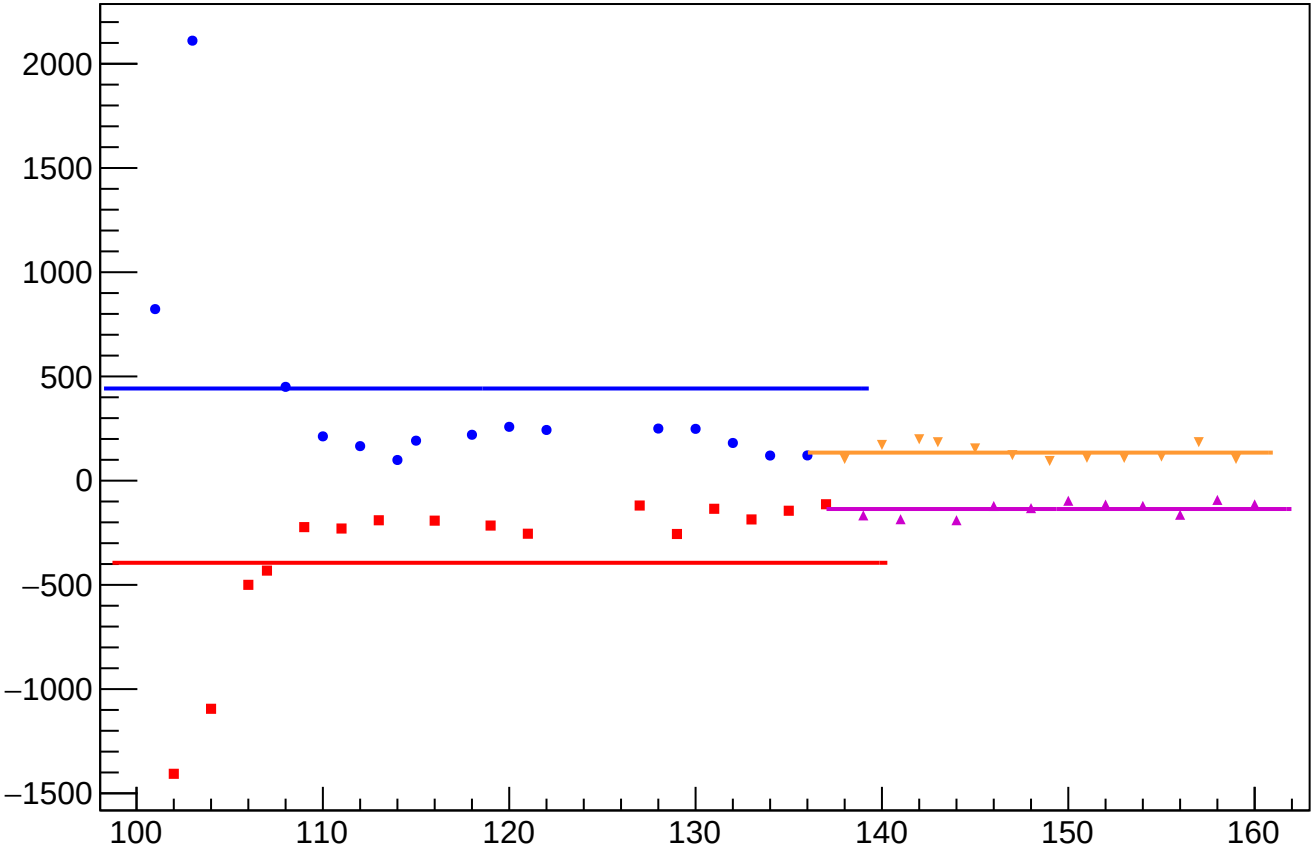
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



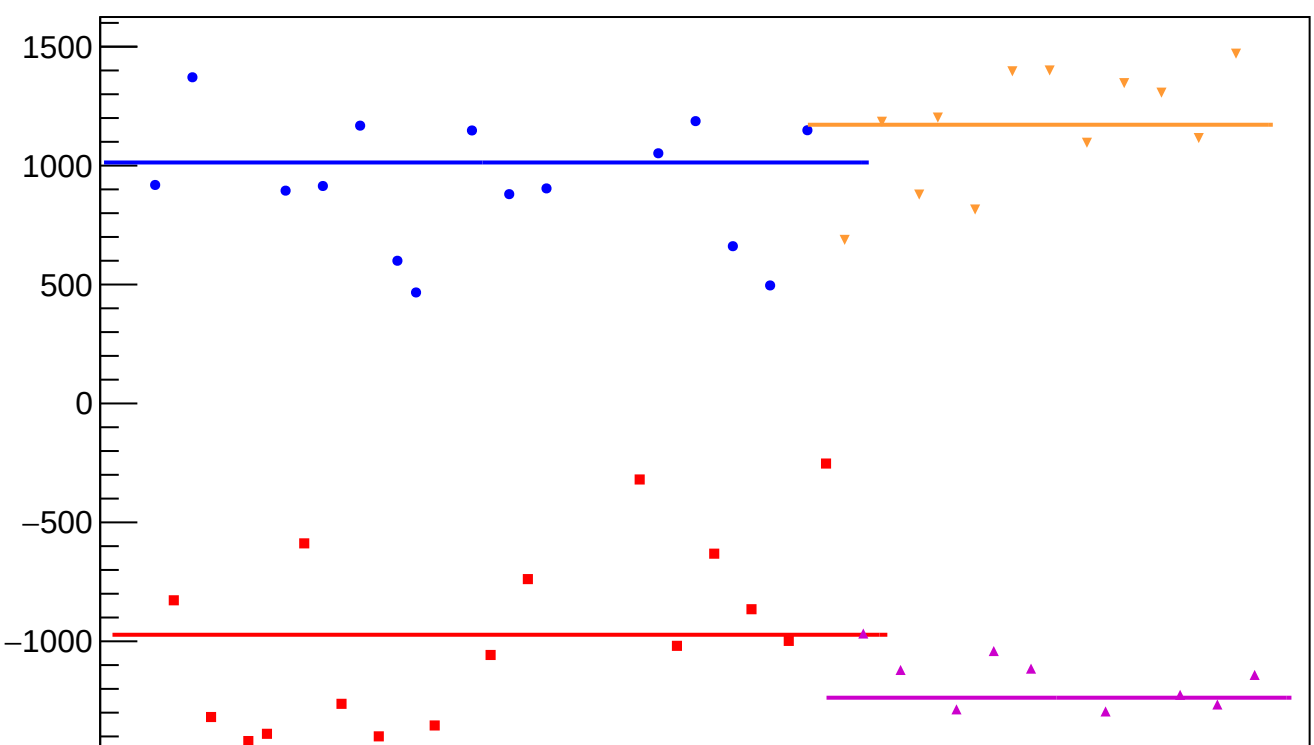
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

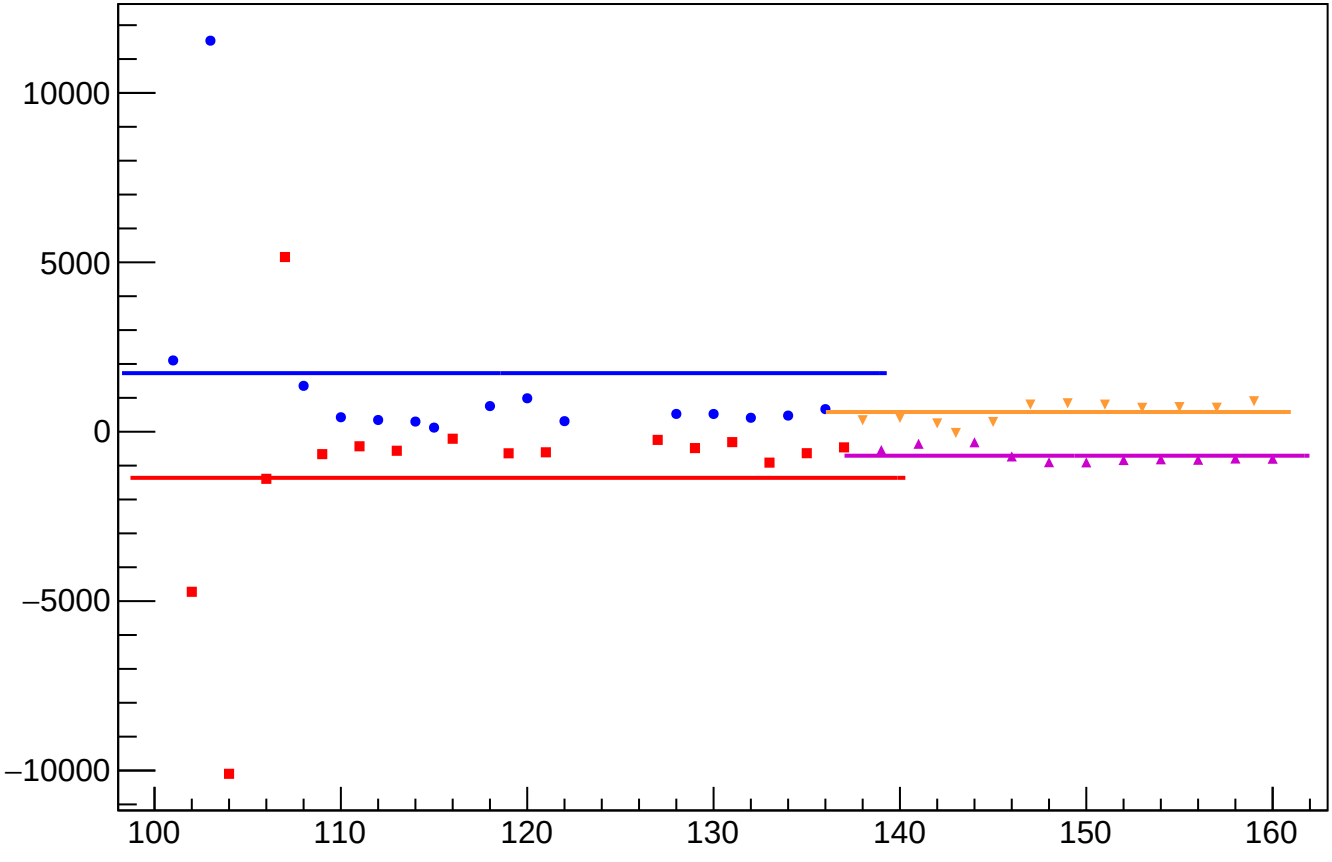
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

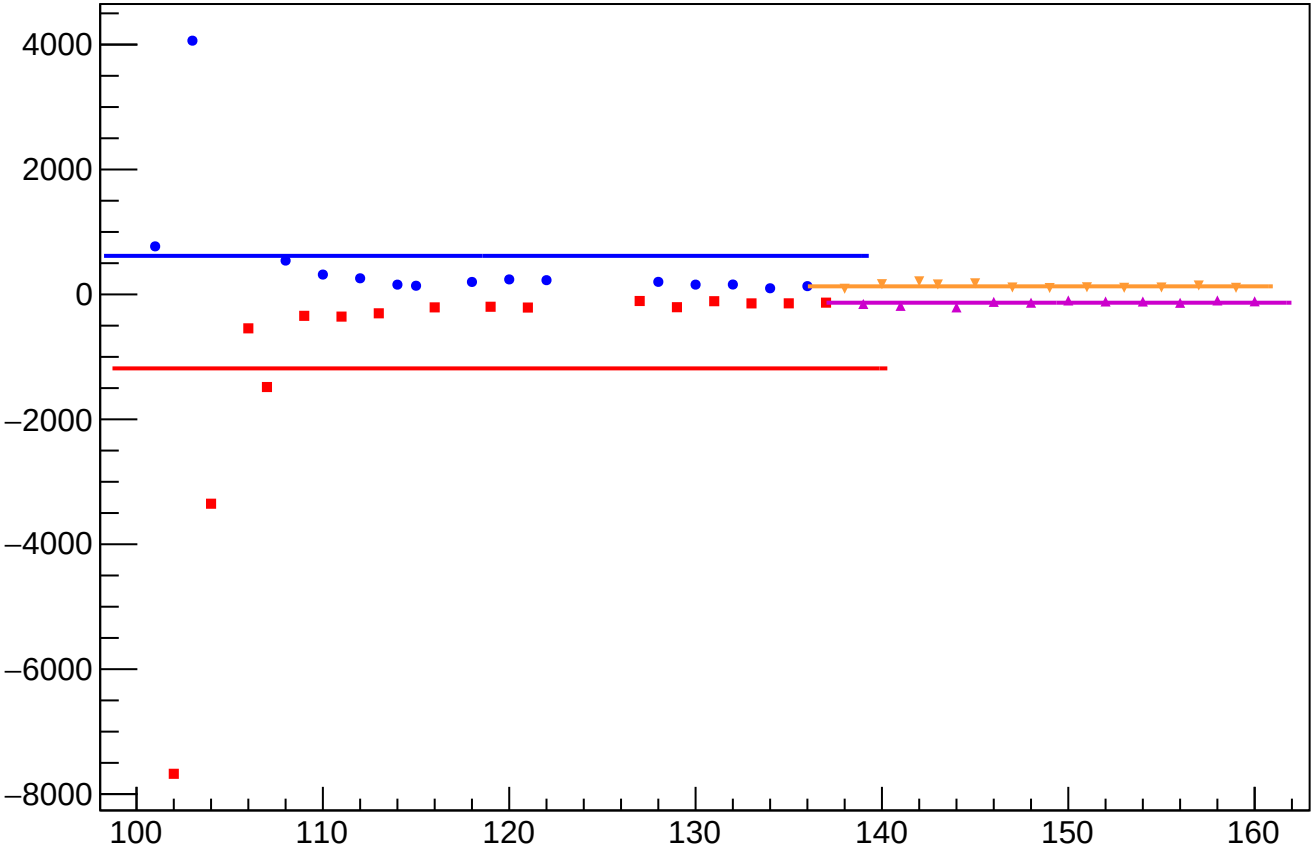
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

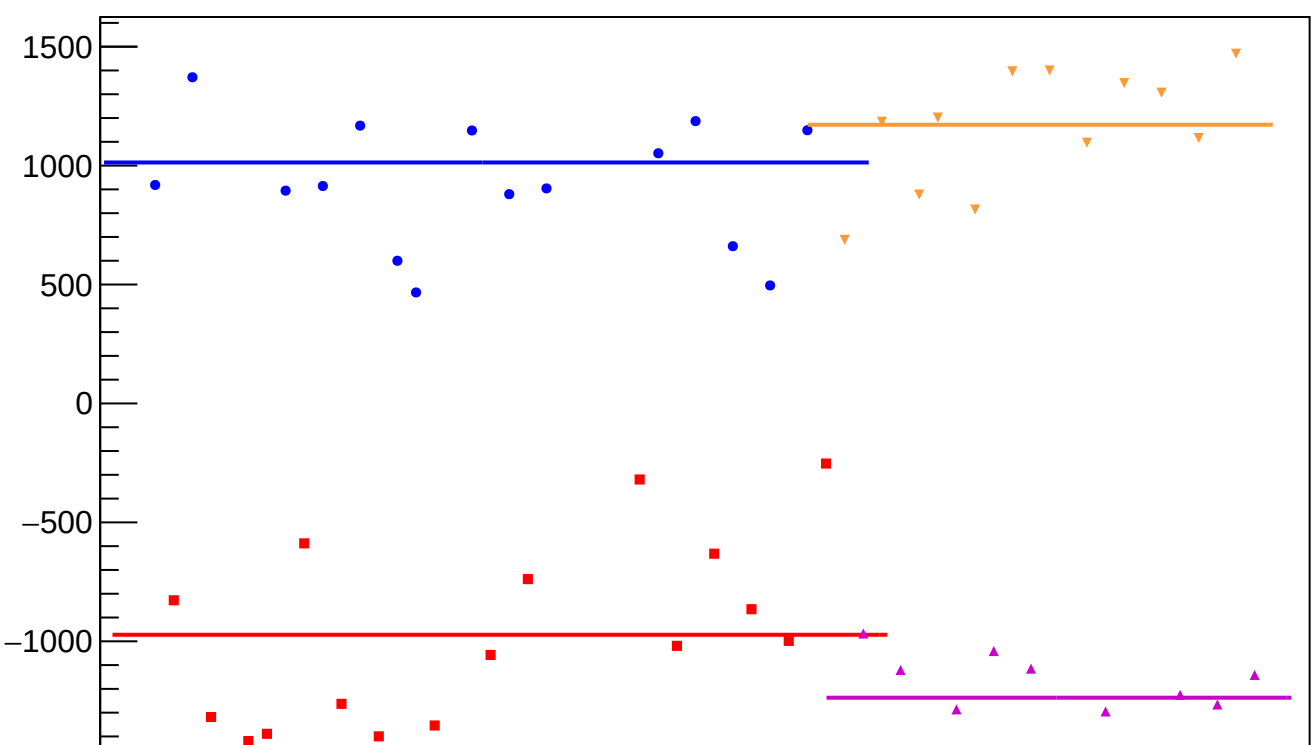
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

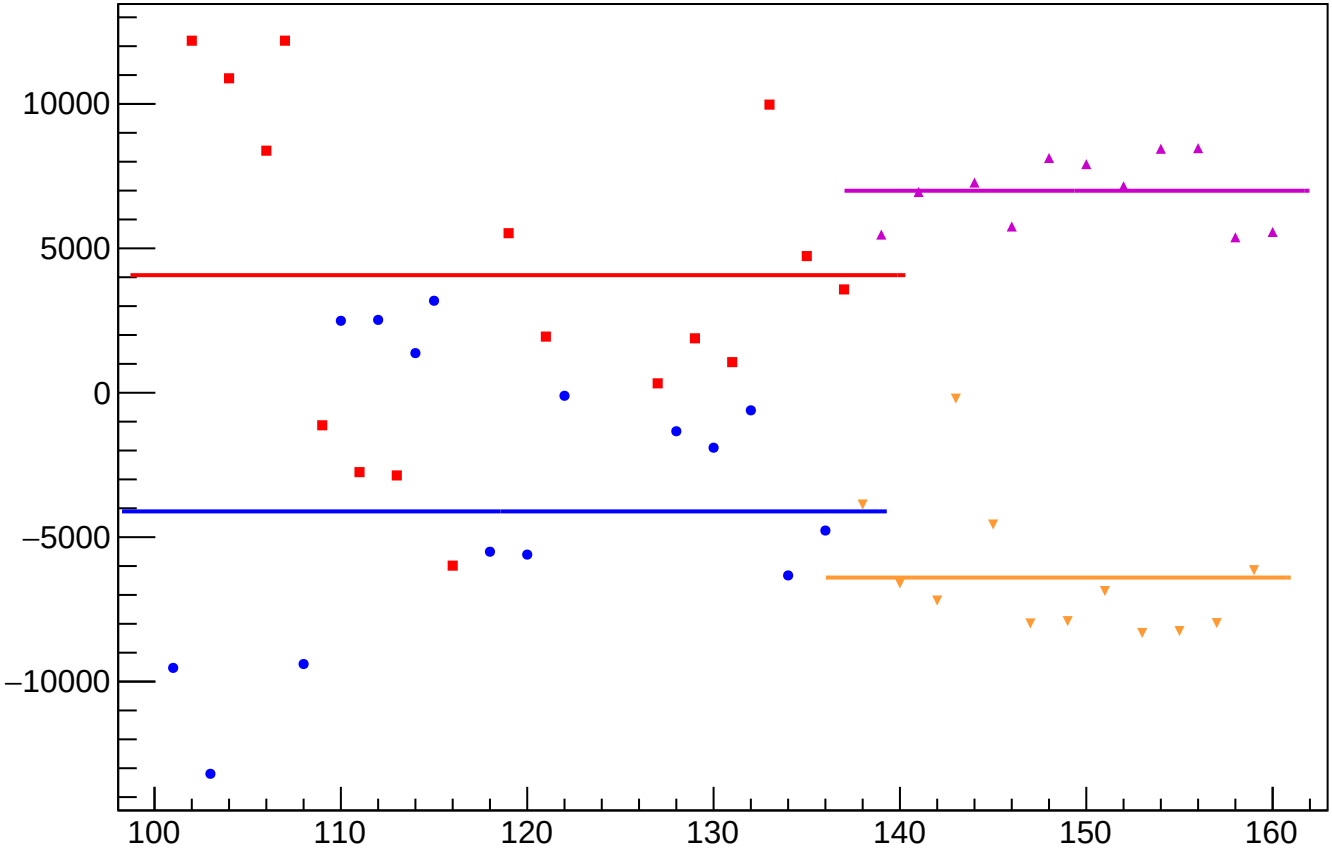
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

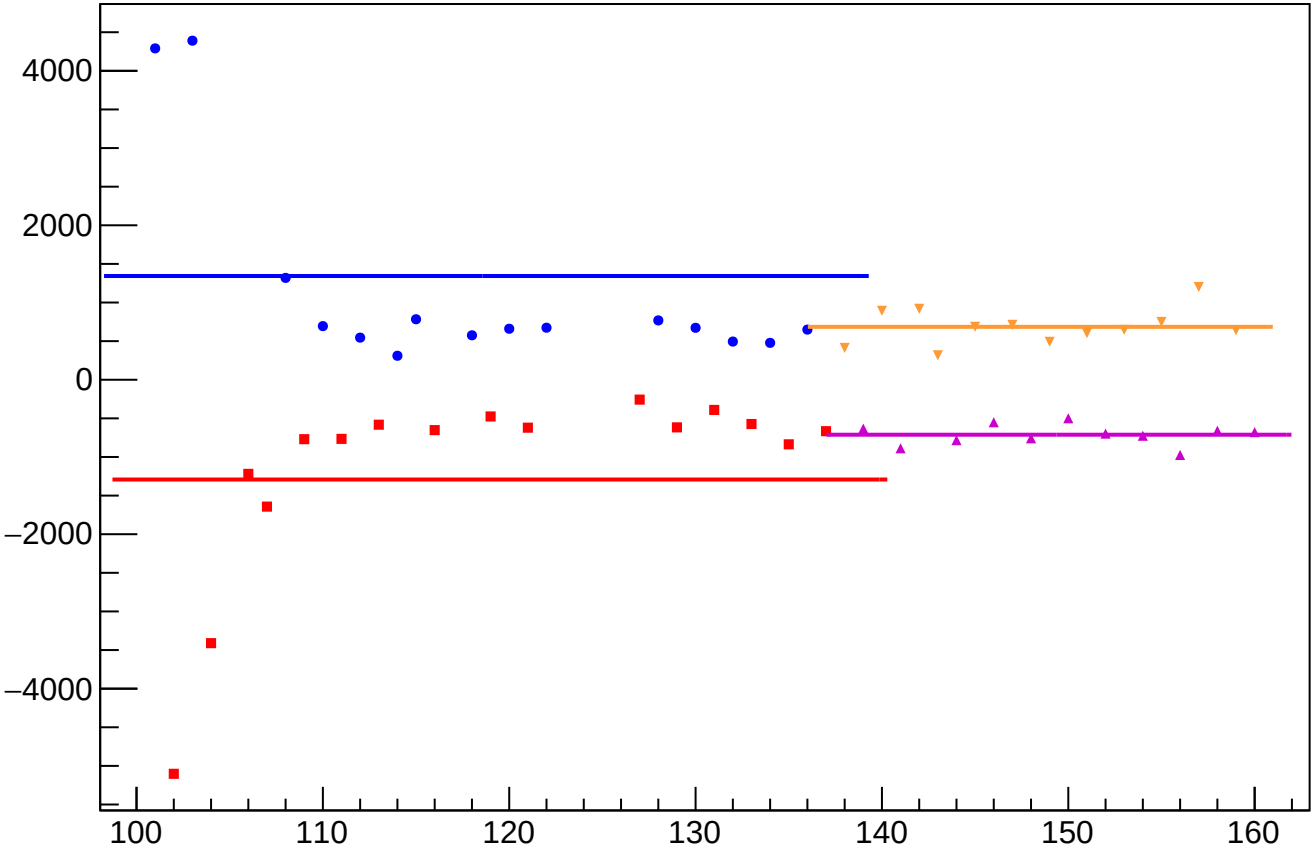
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

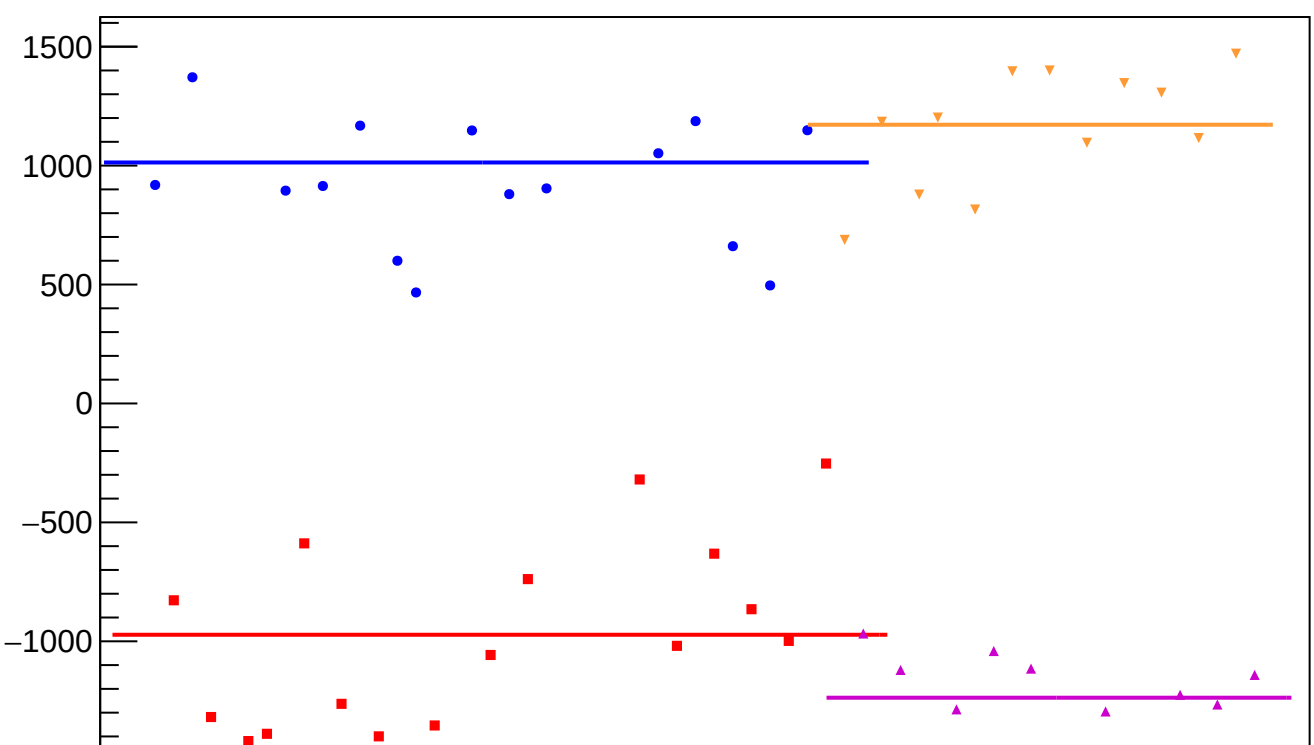
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

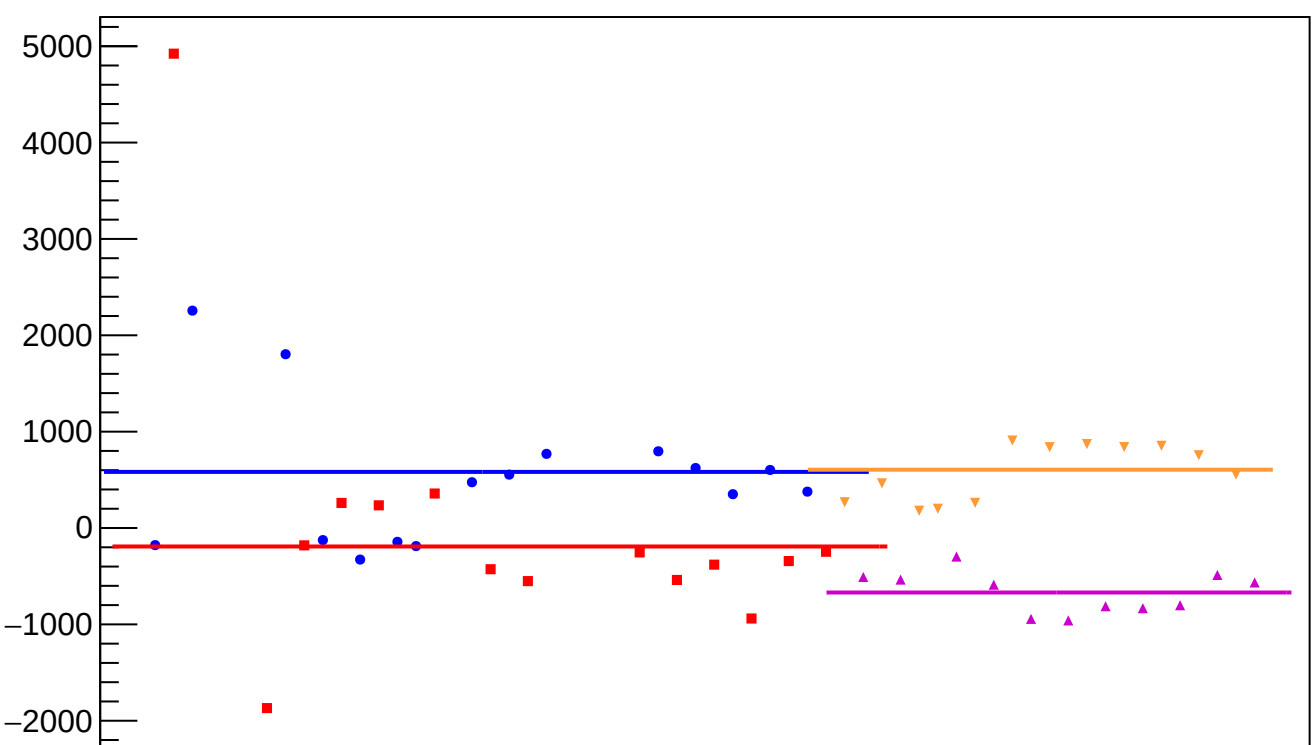
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



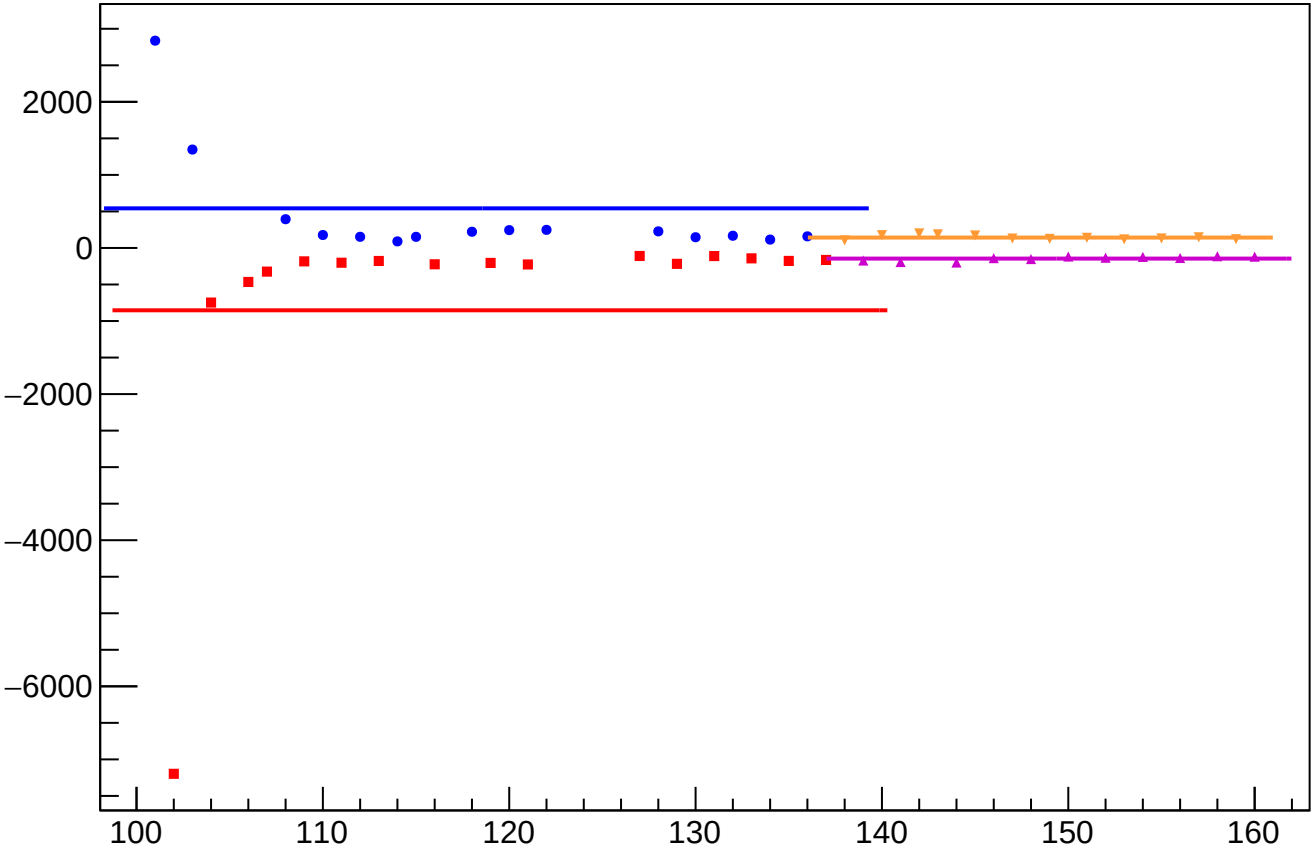
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

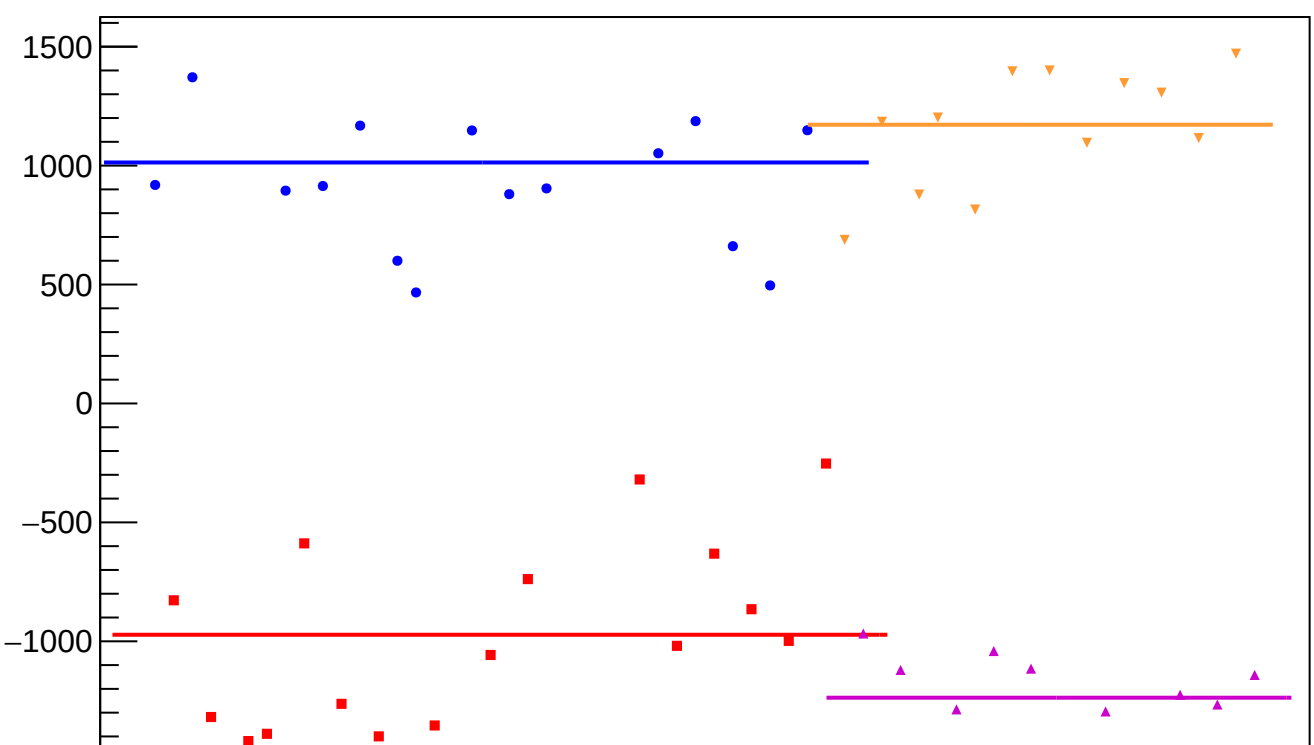
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

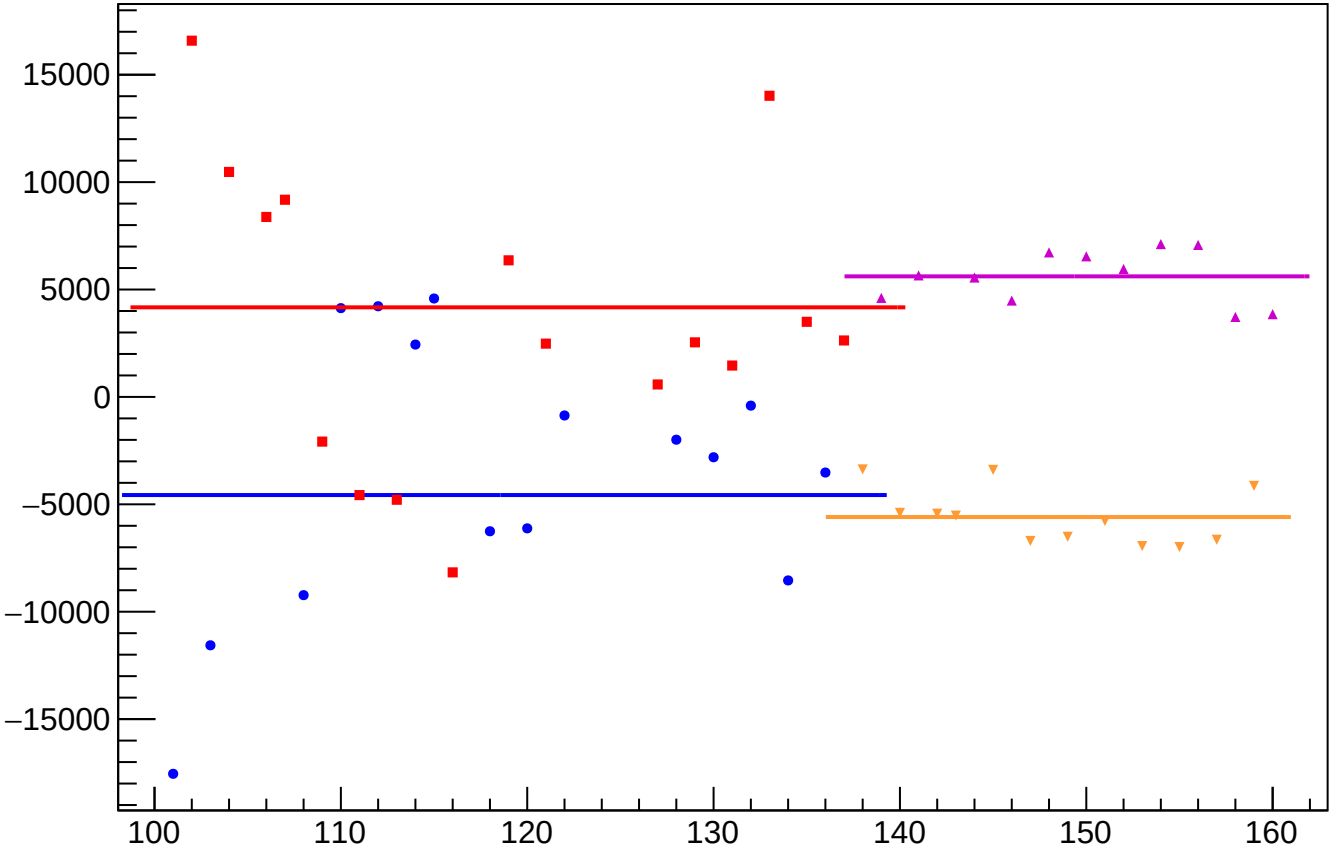
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



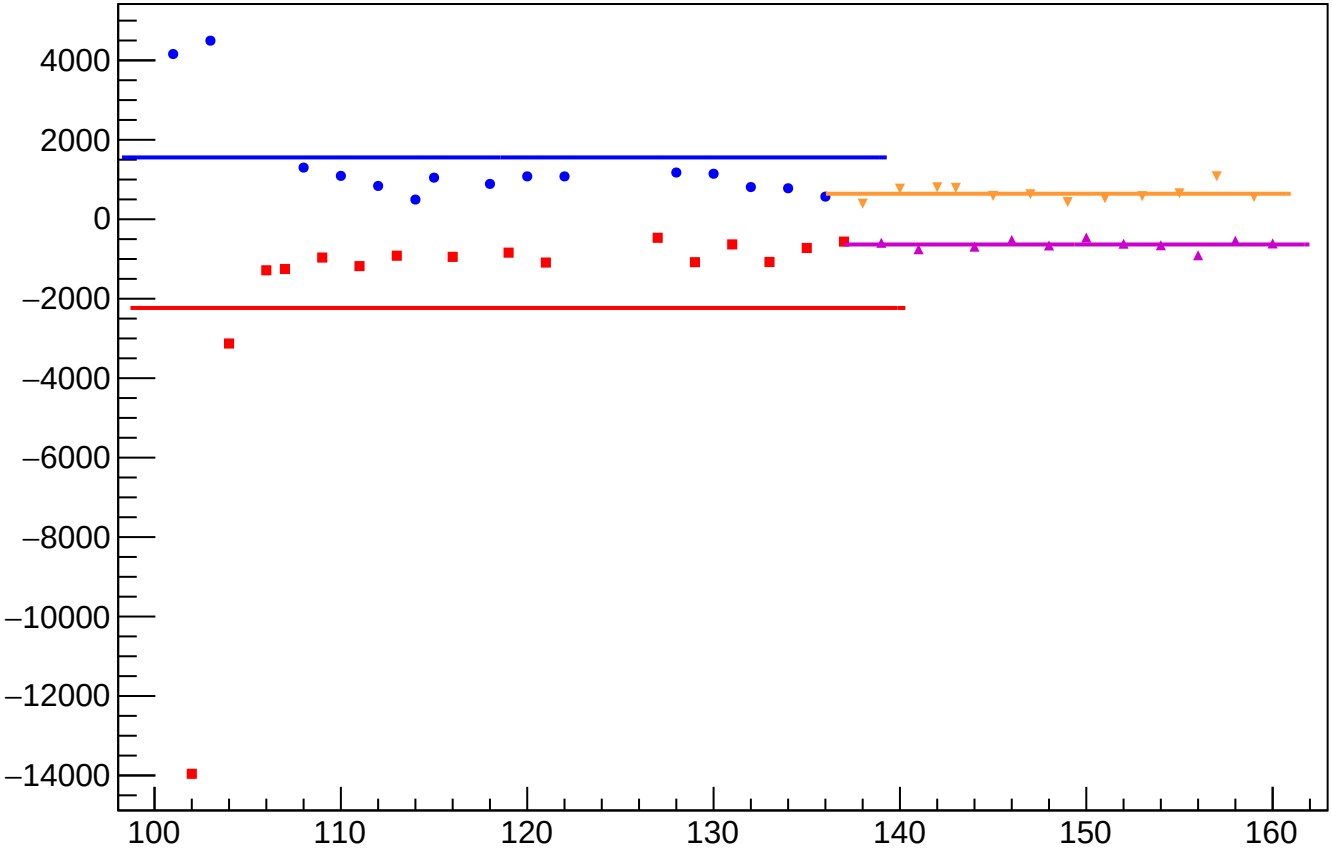
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

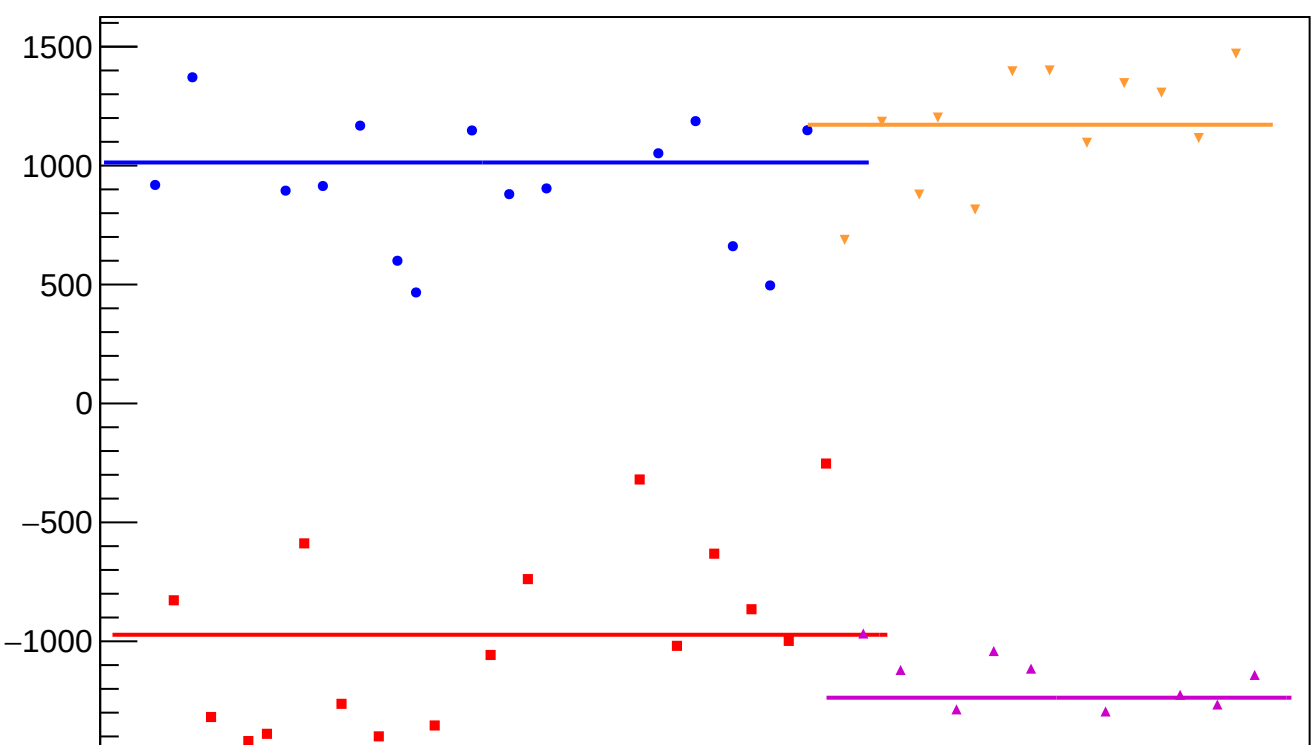
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

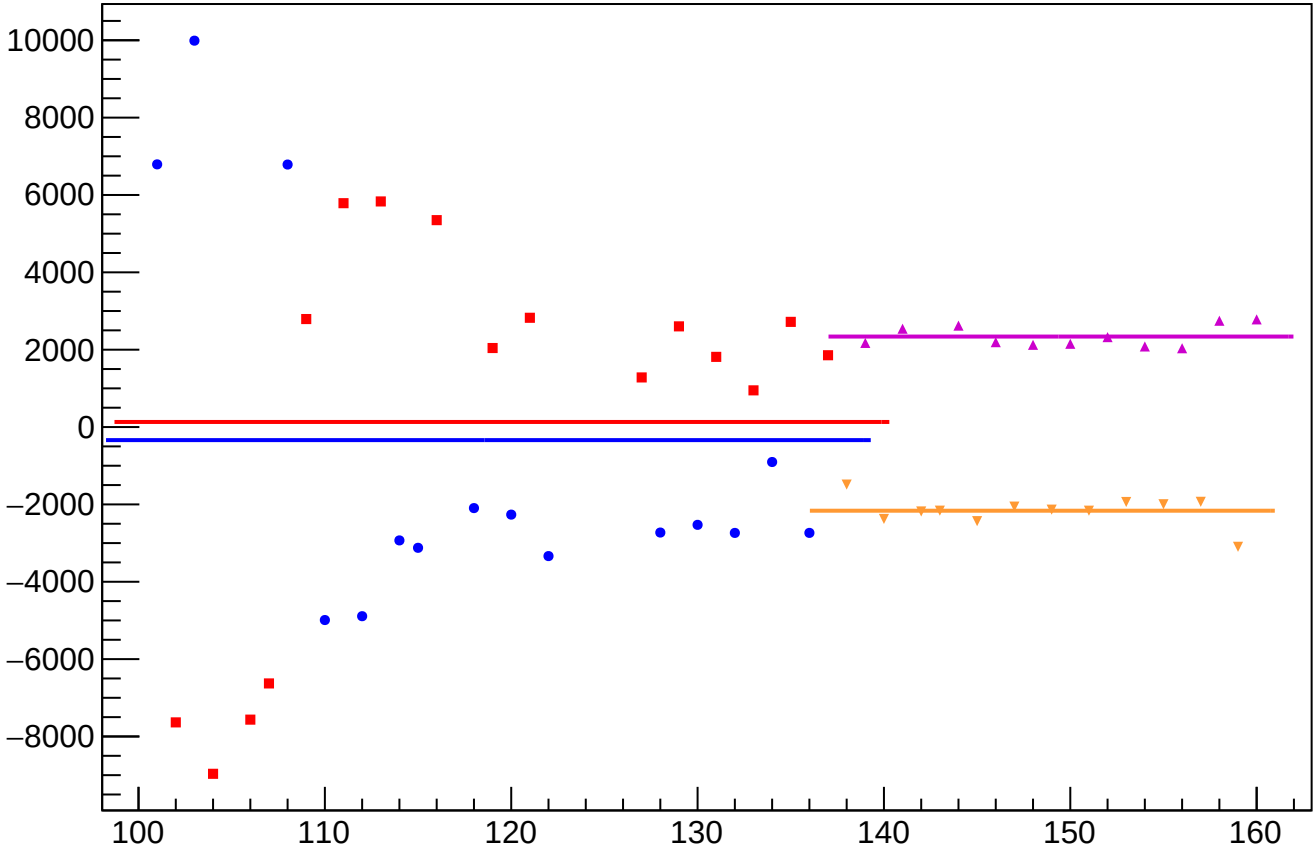
All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

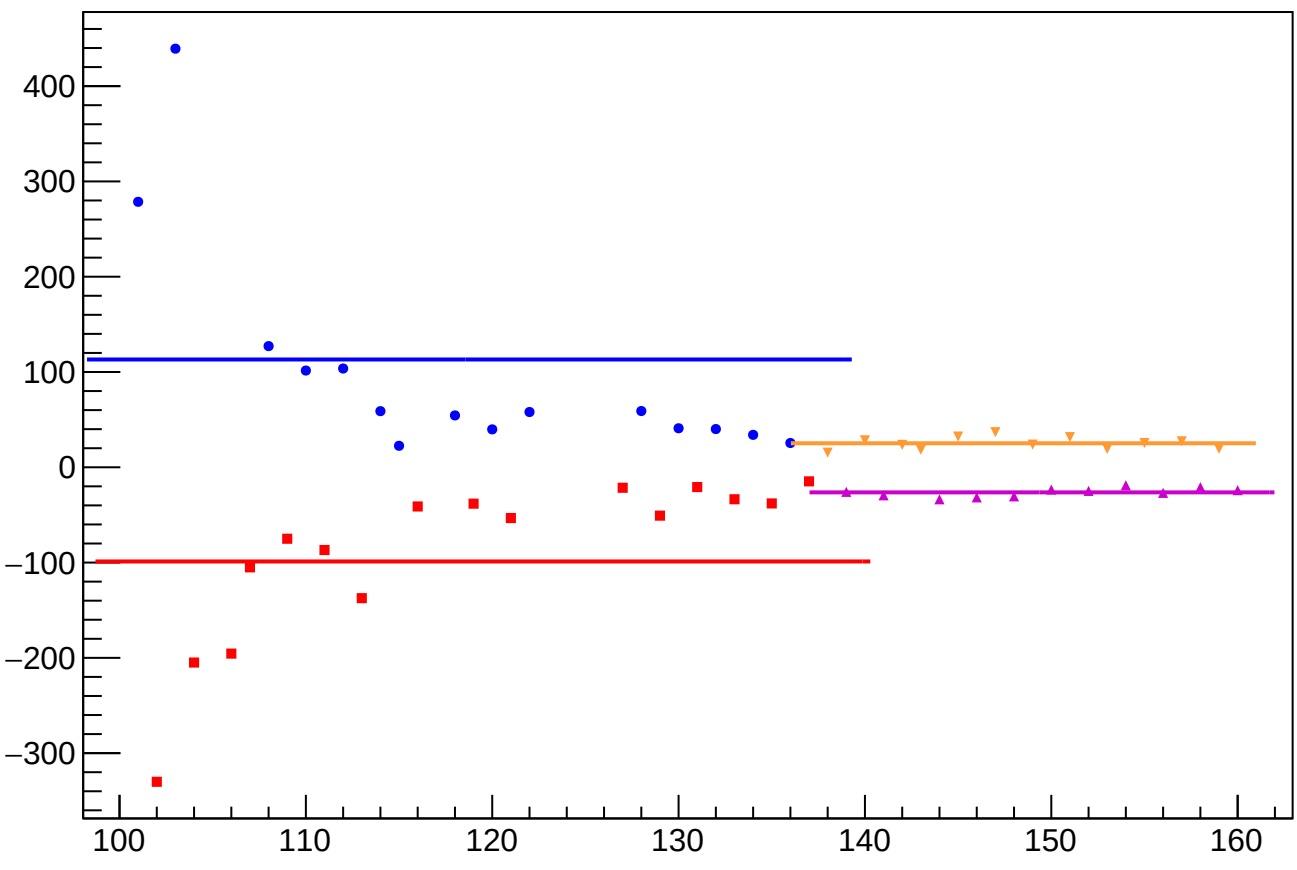
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

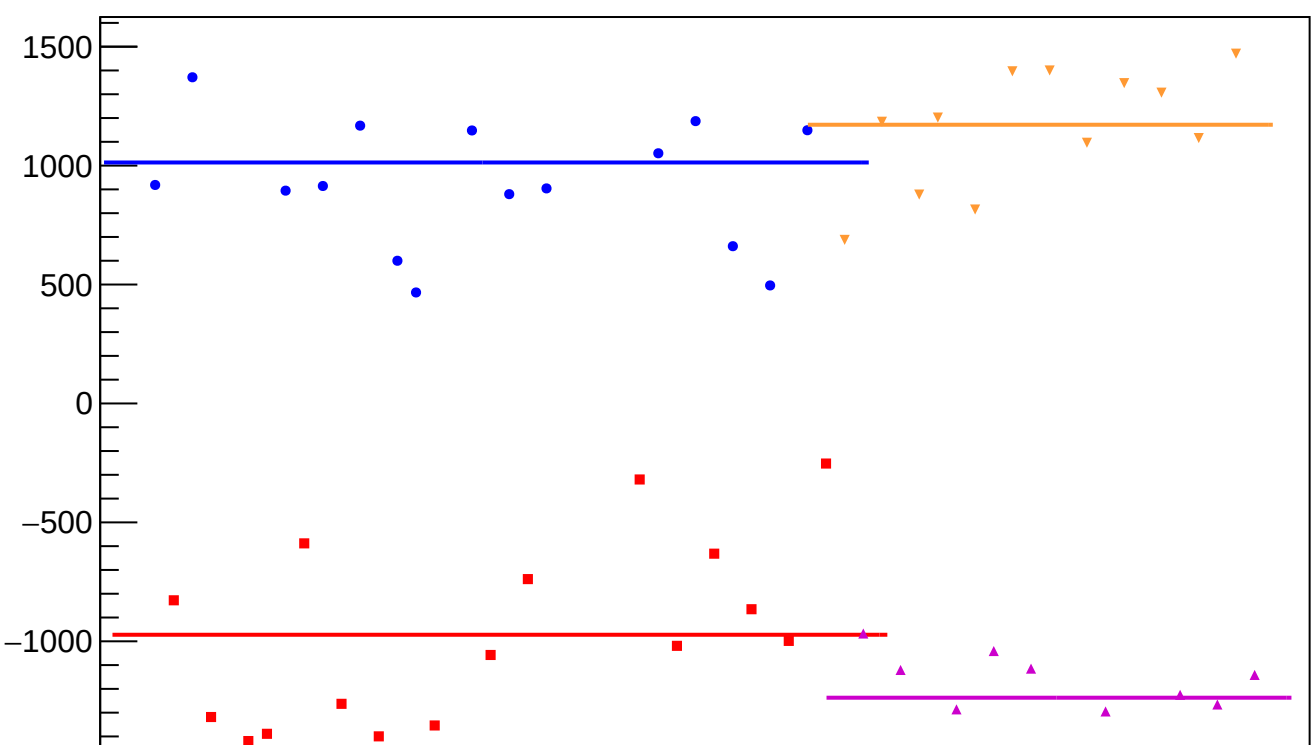
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

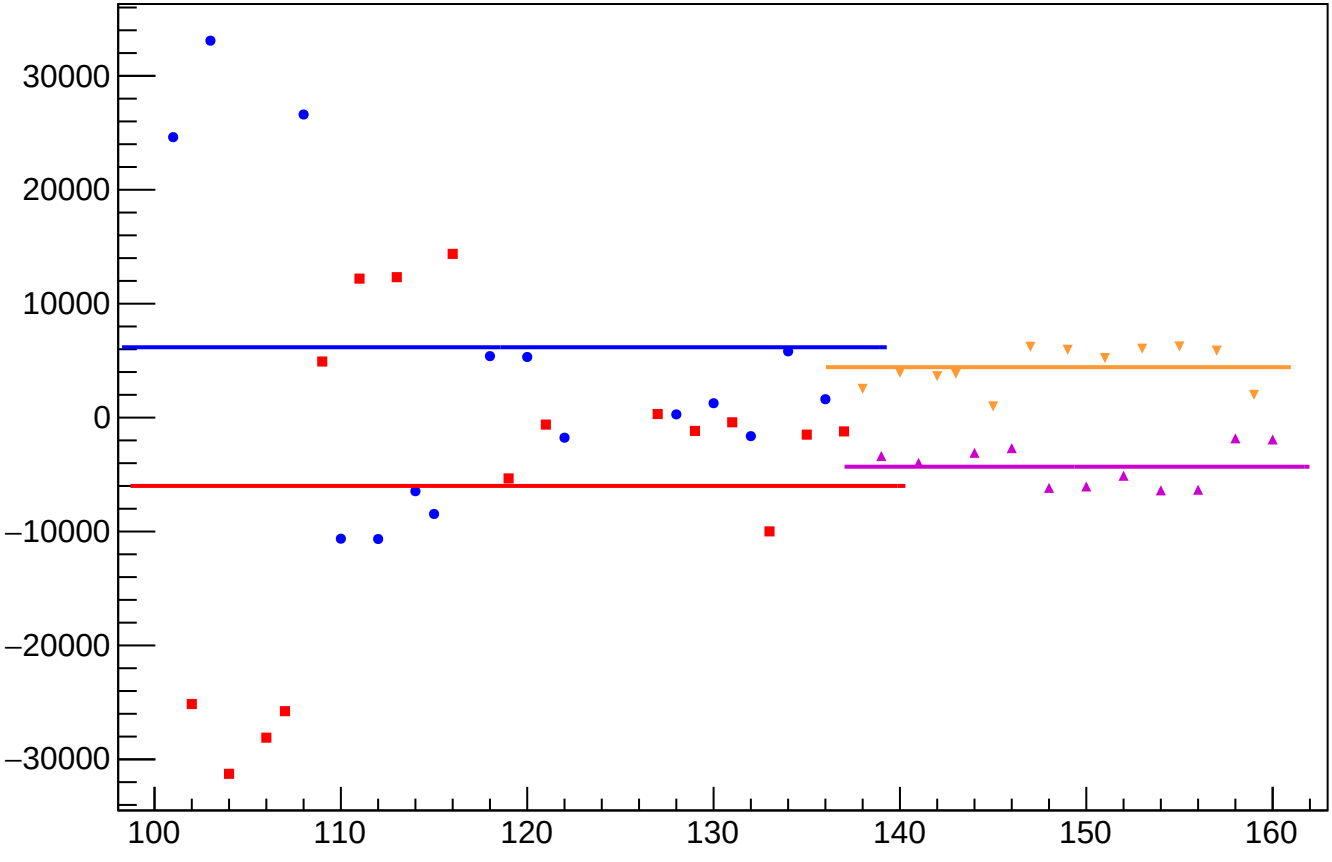
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

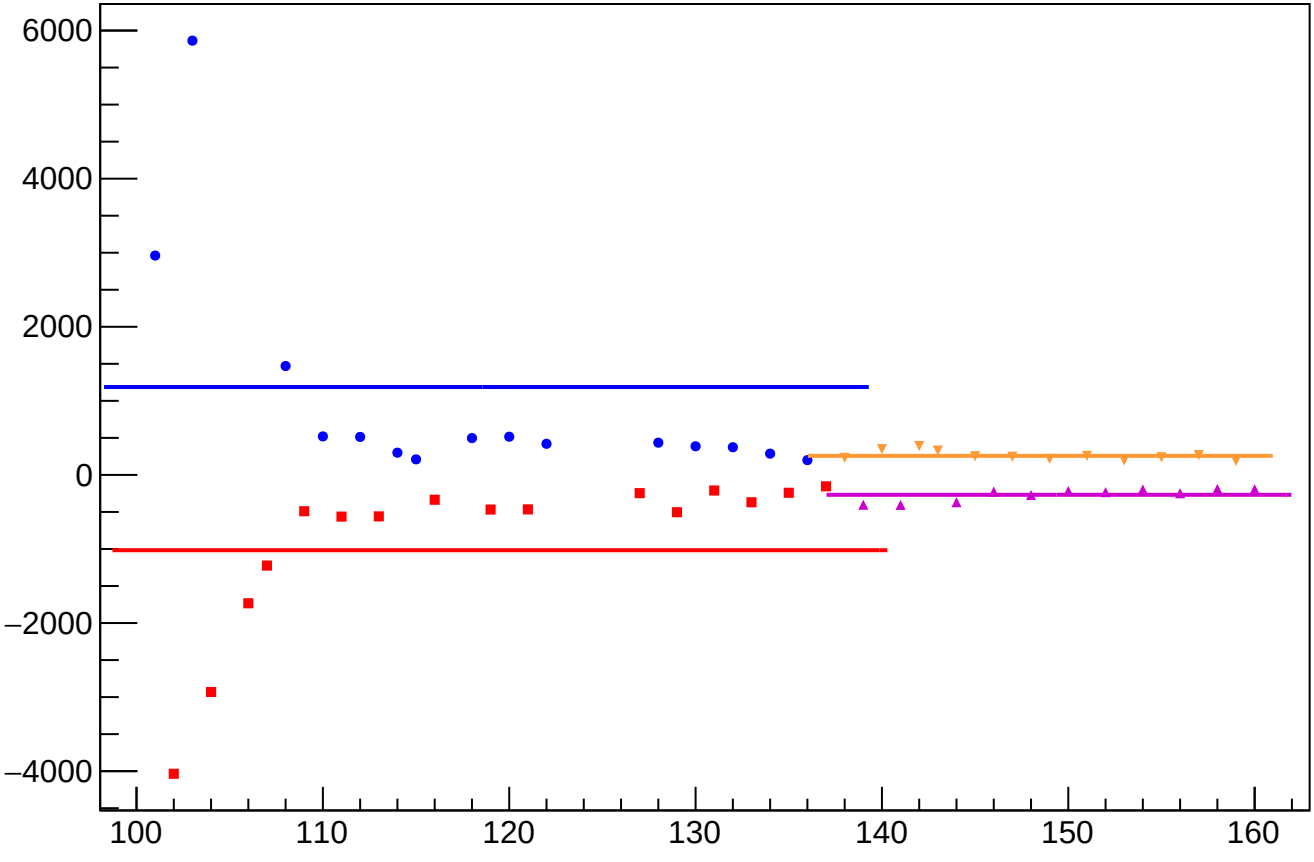
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

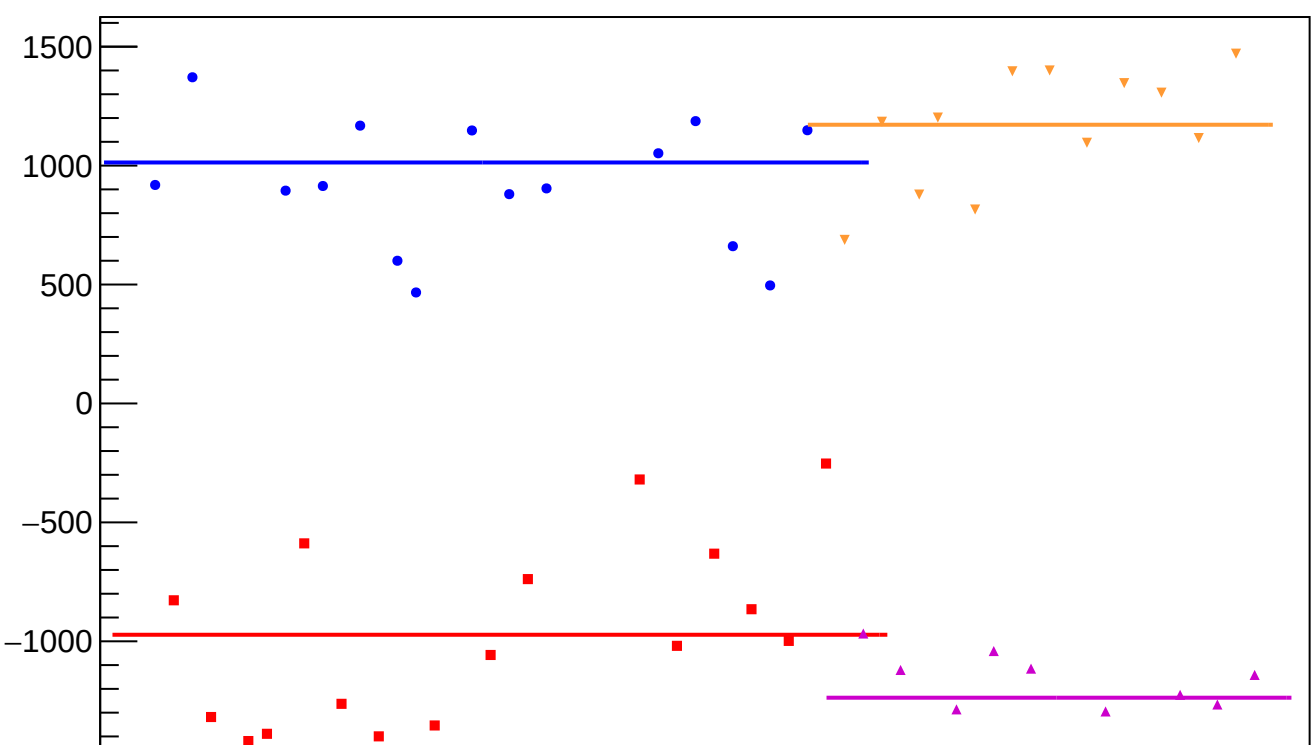
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

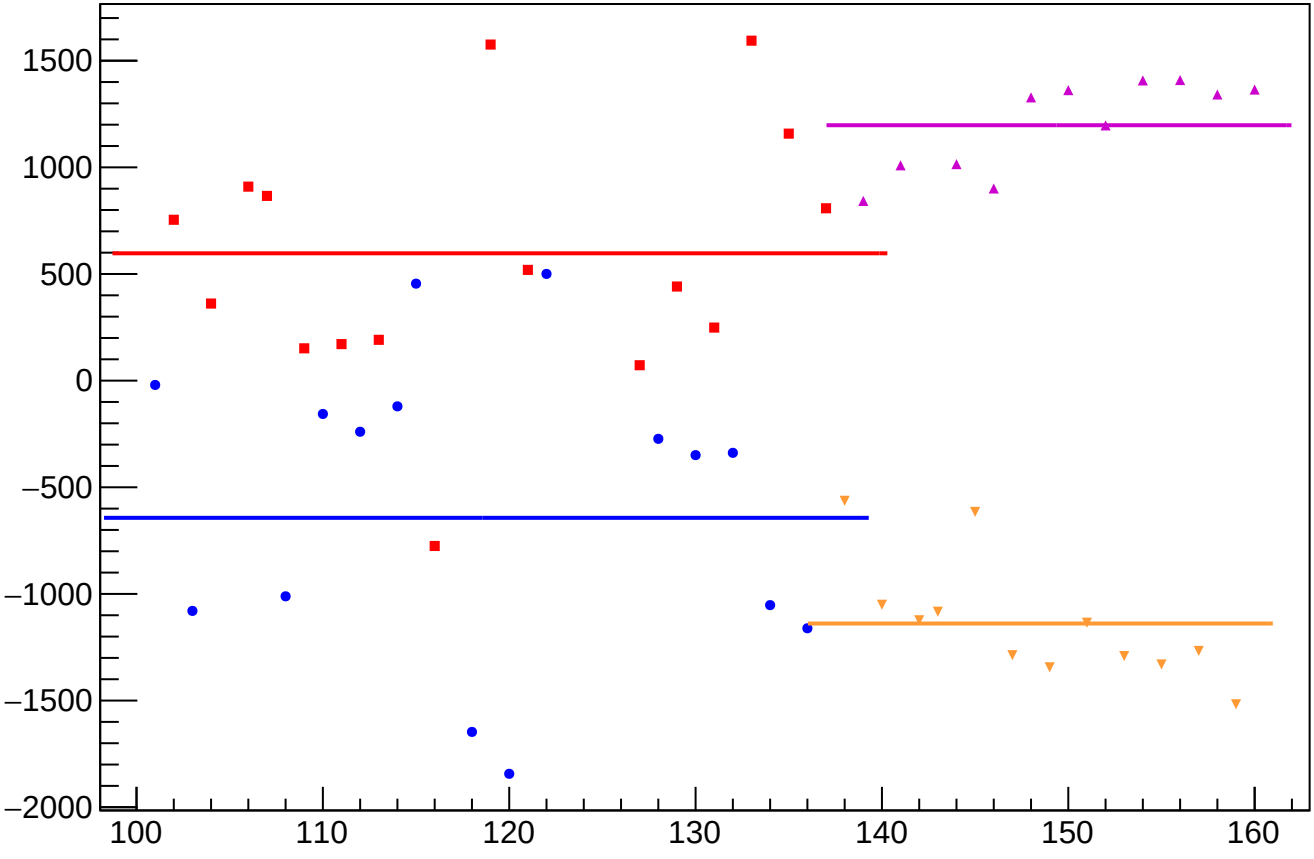
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

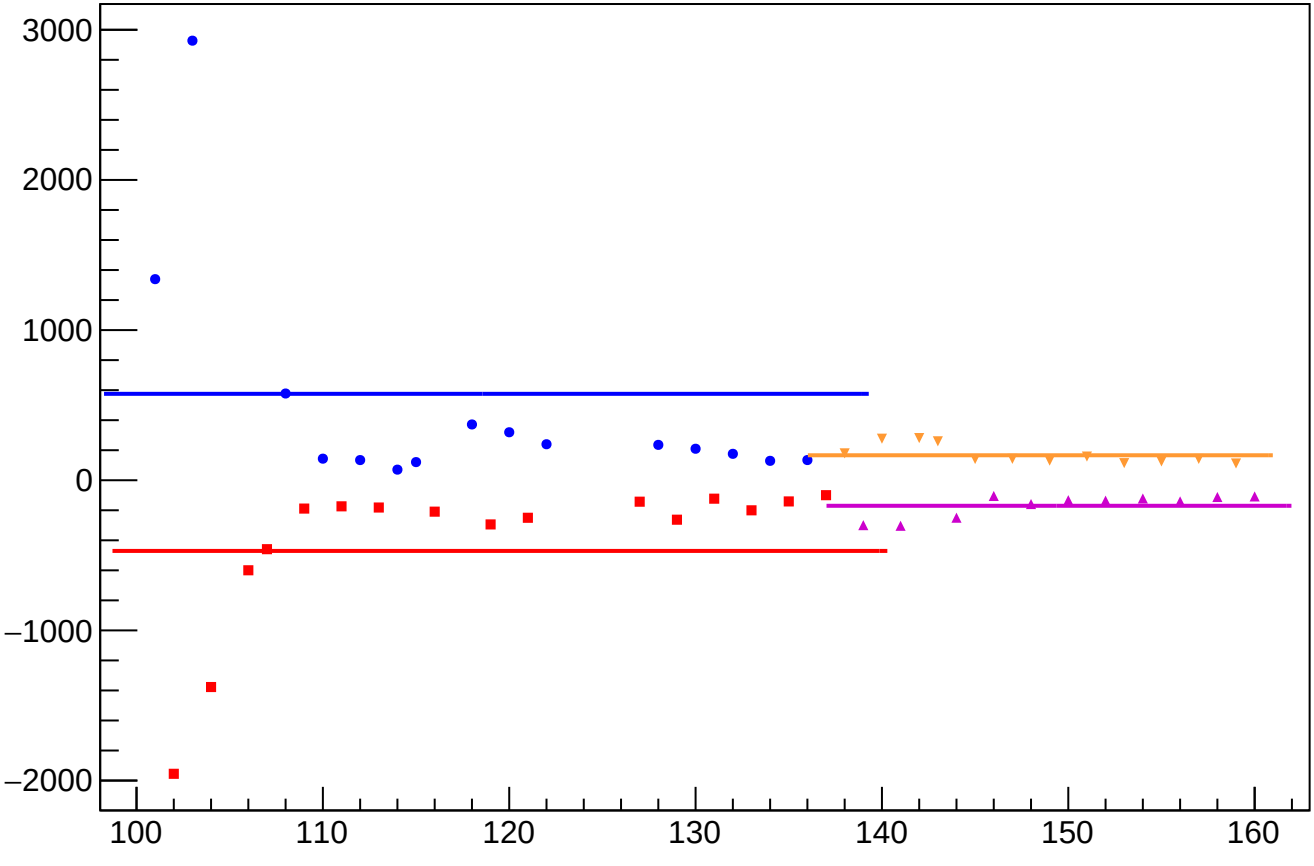
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



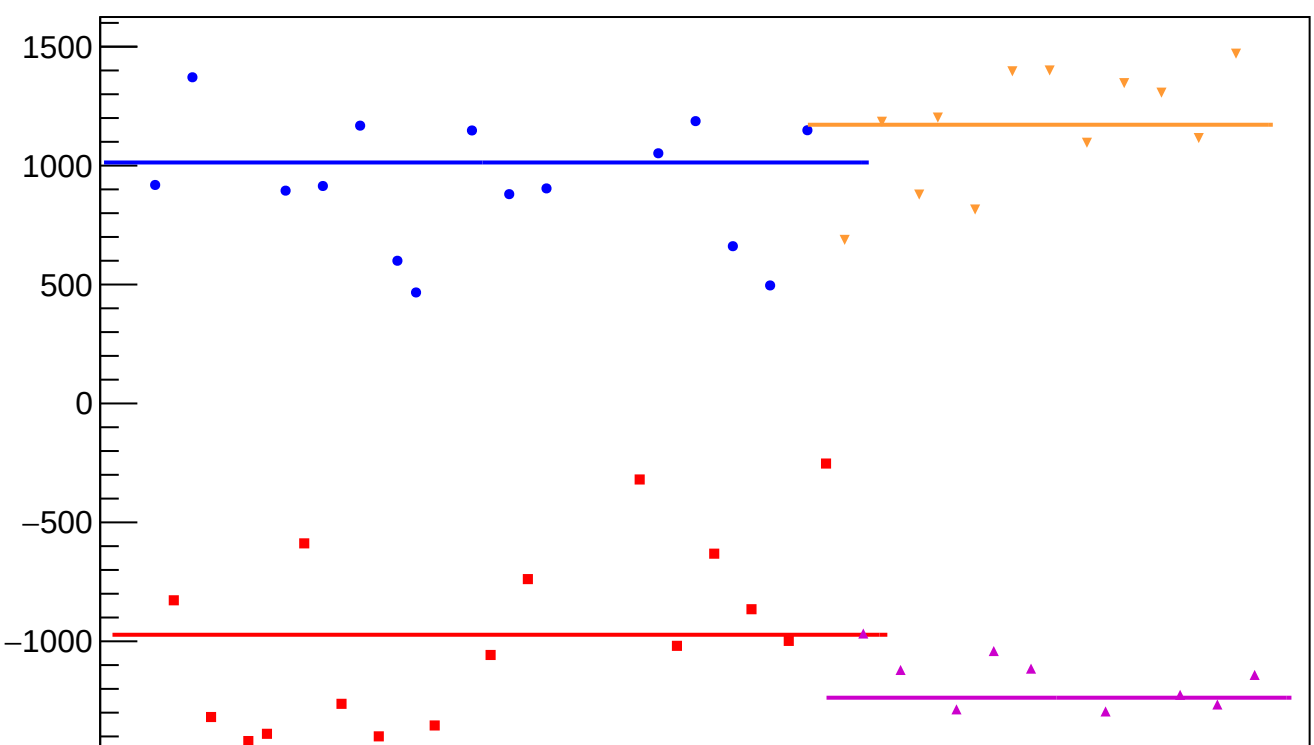
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

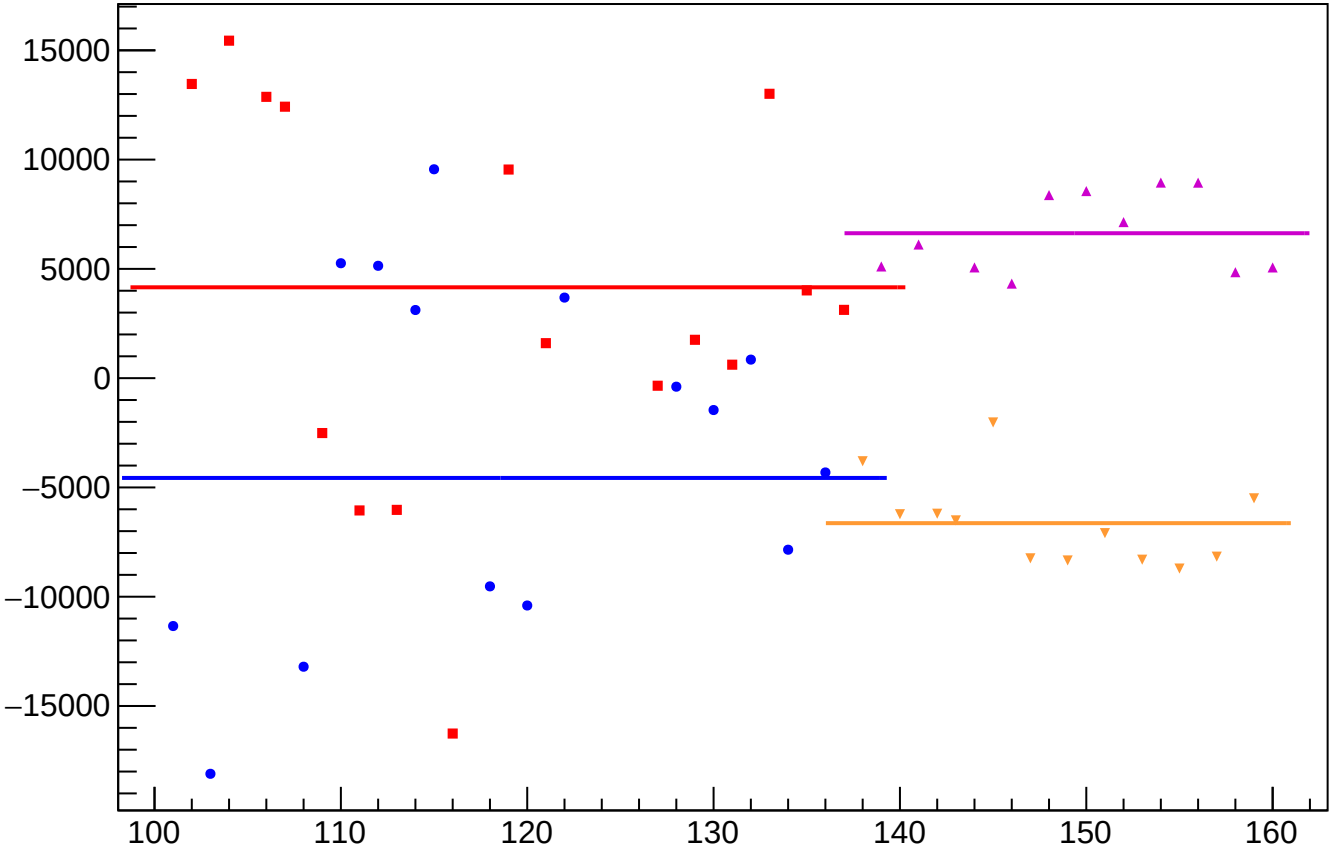
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

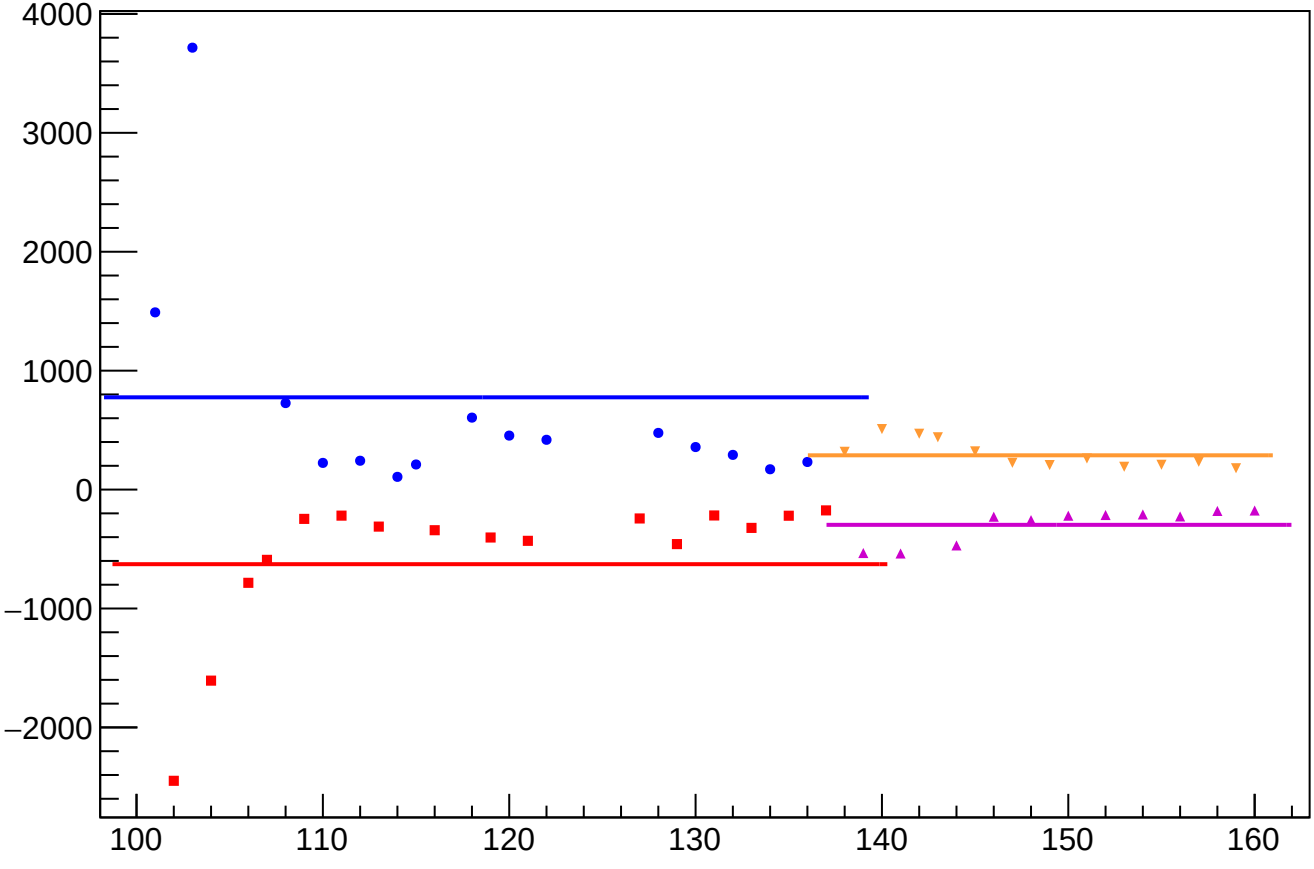
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

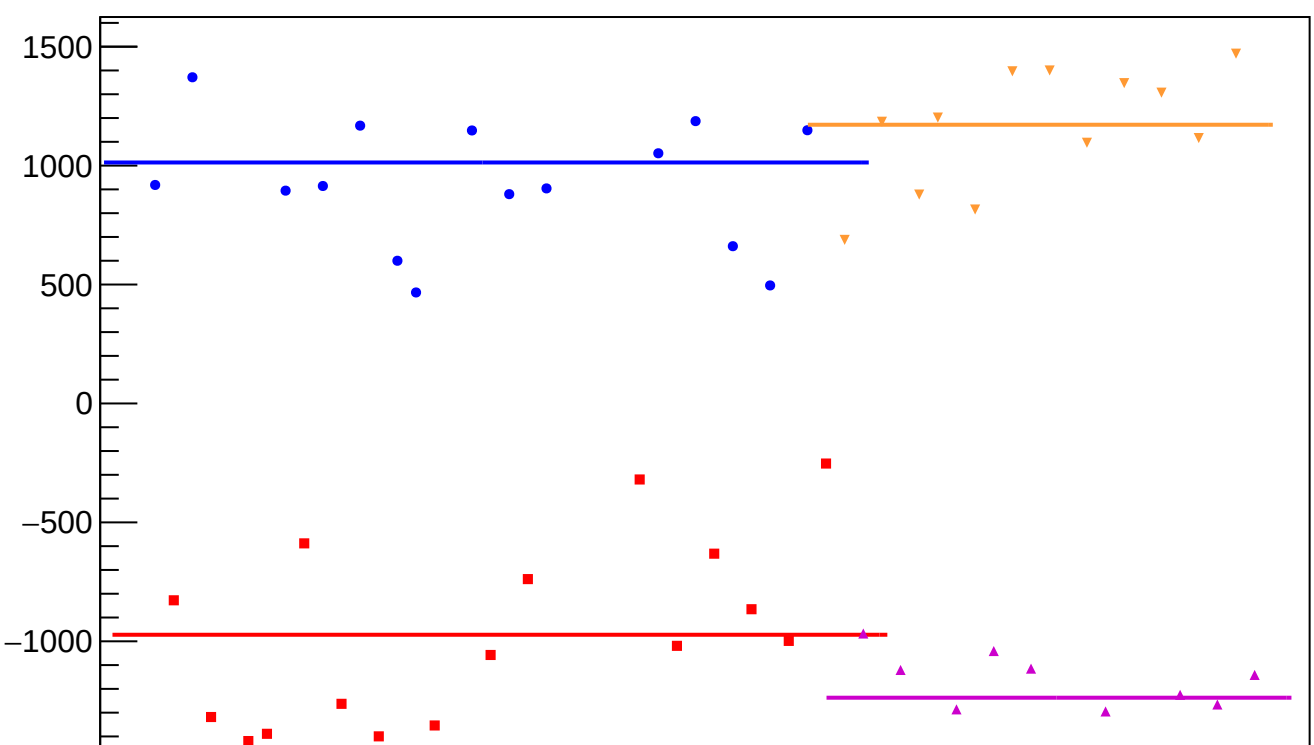
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

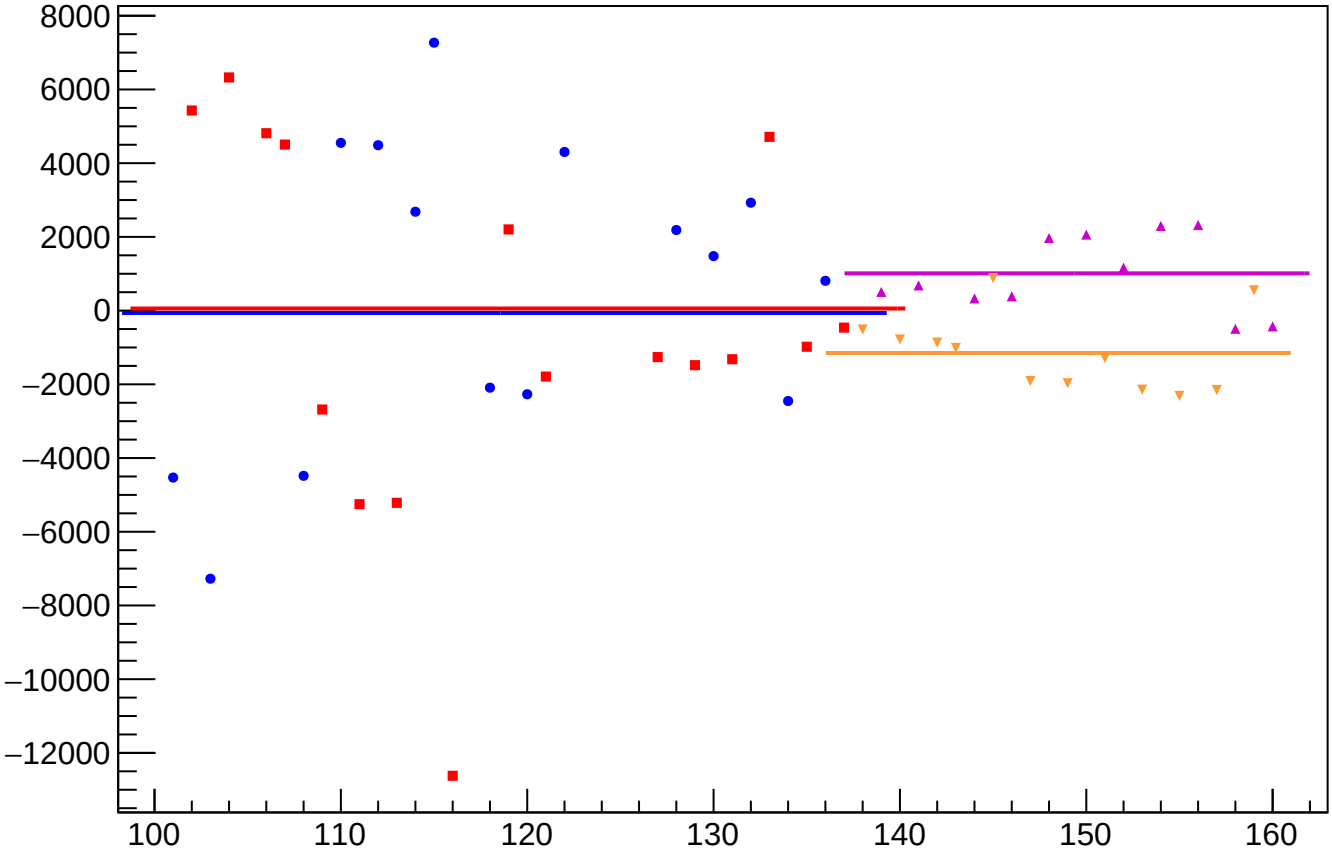
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

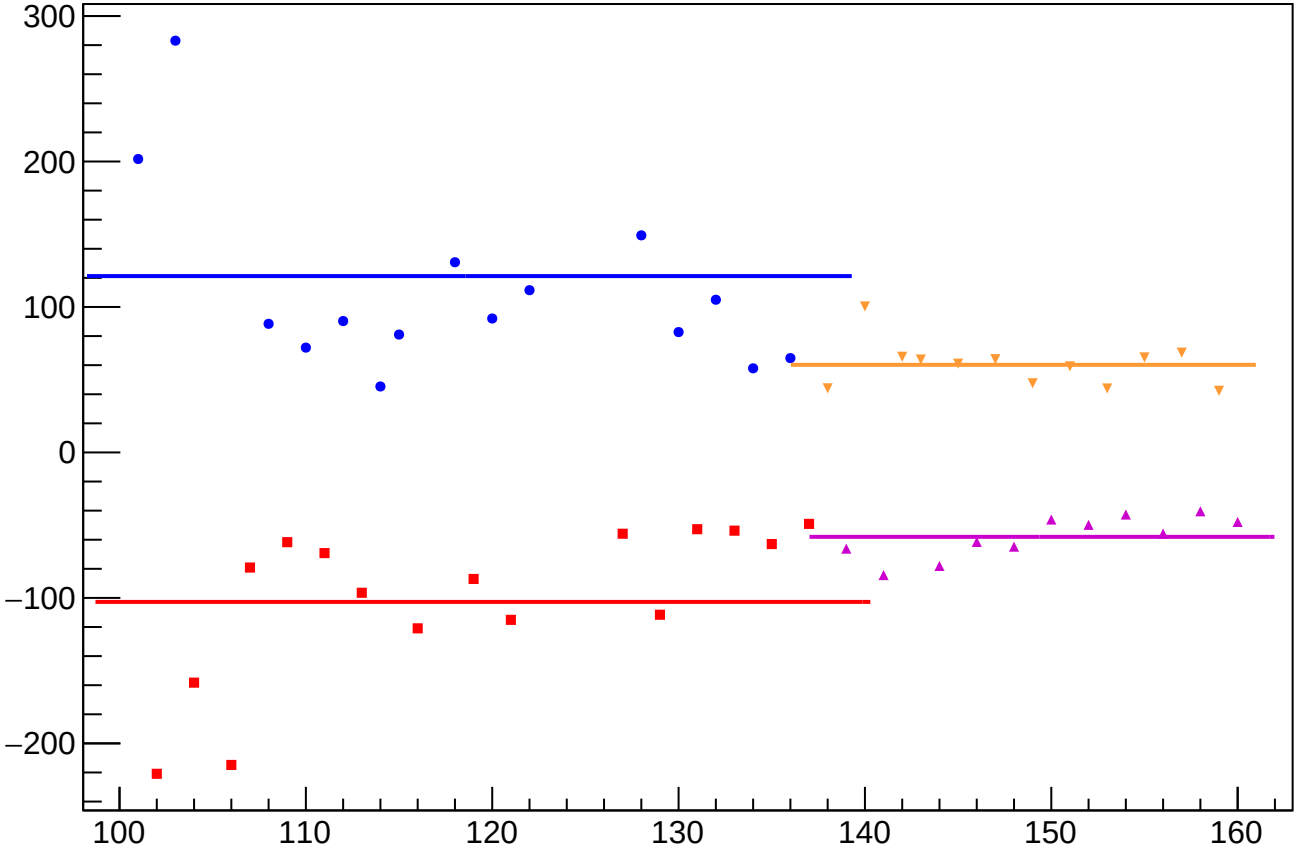
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



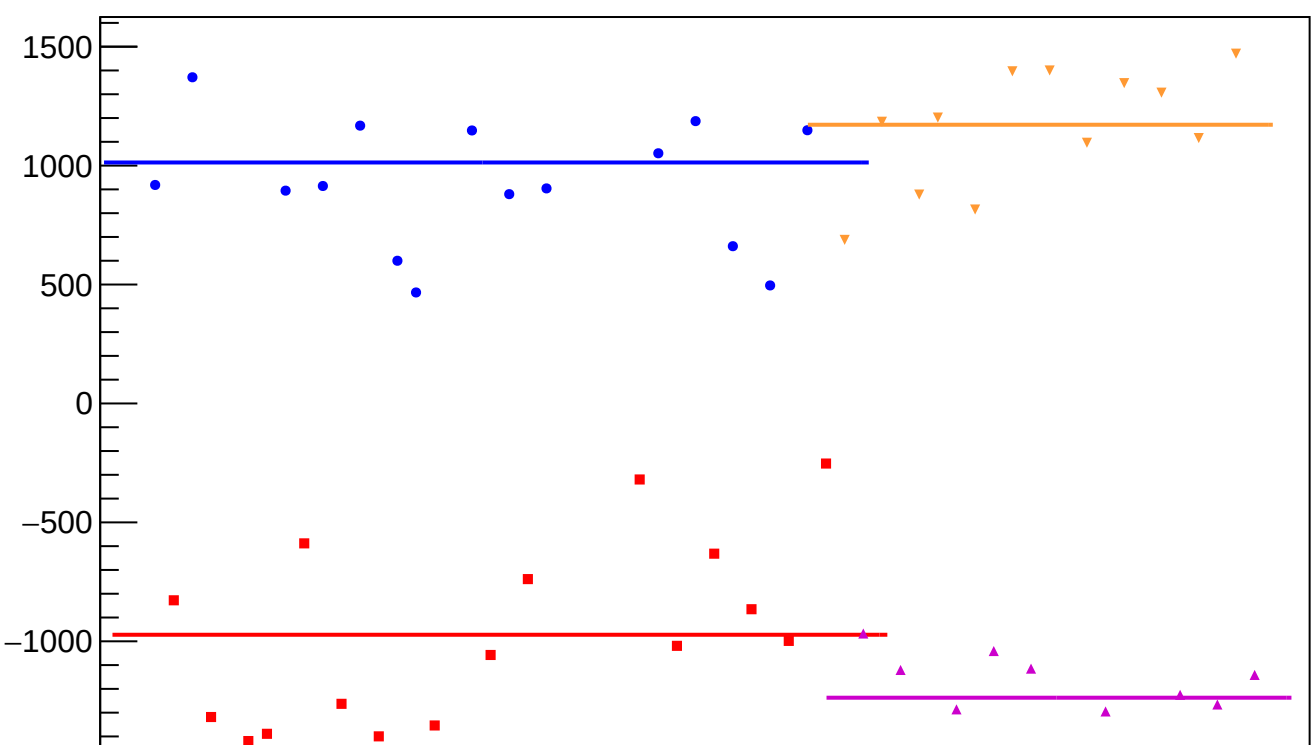
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



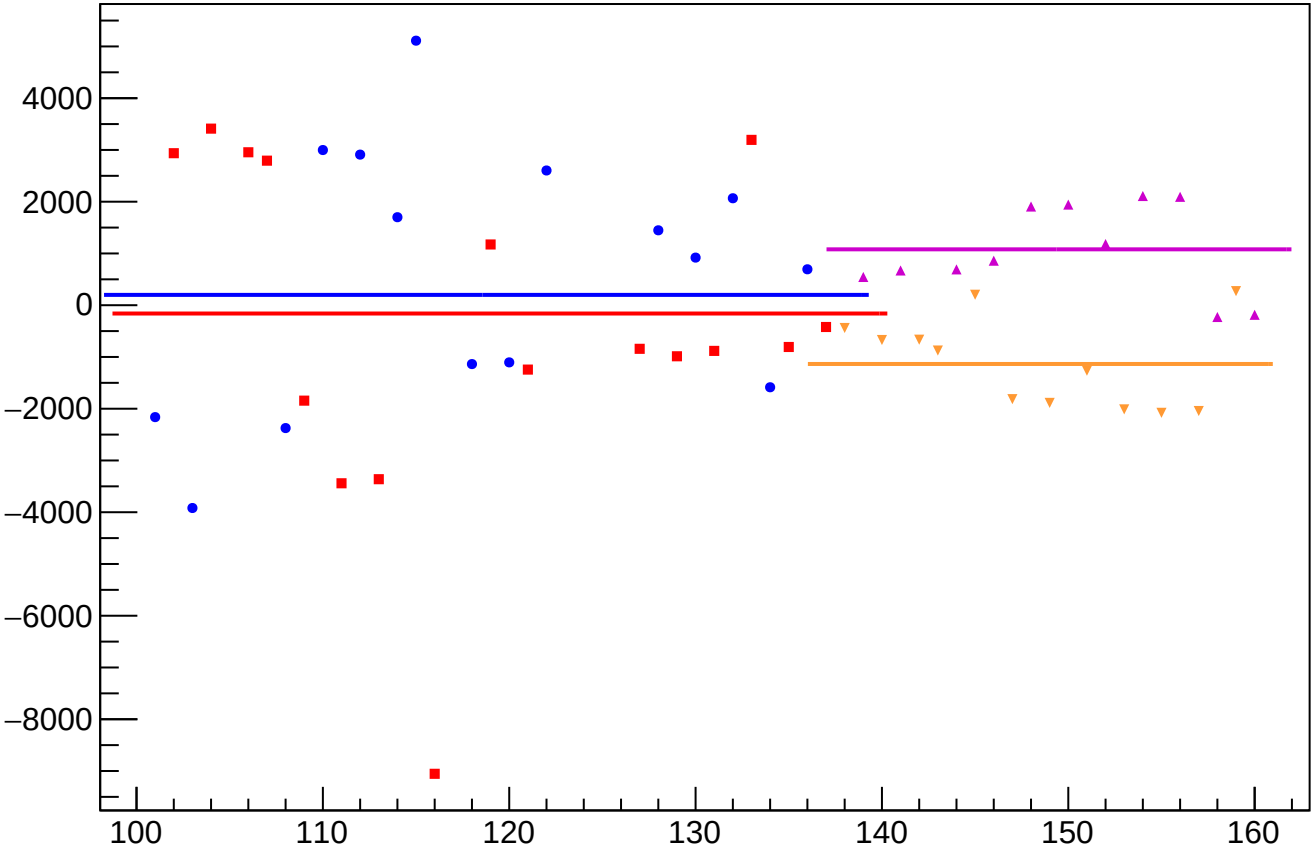
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

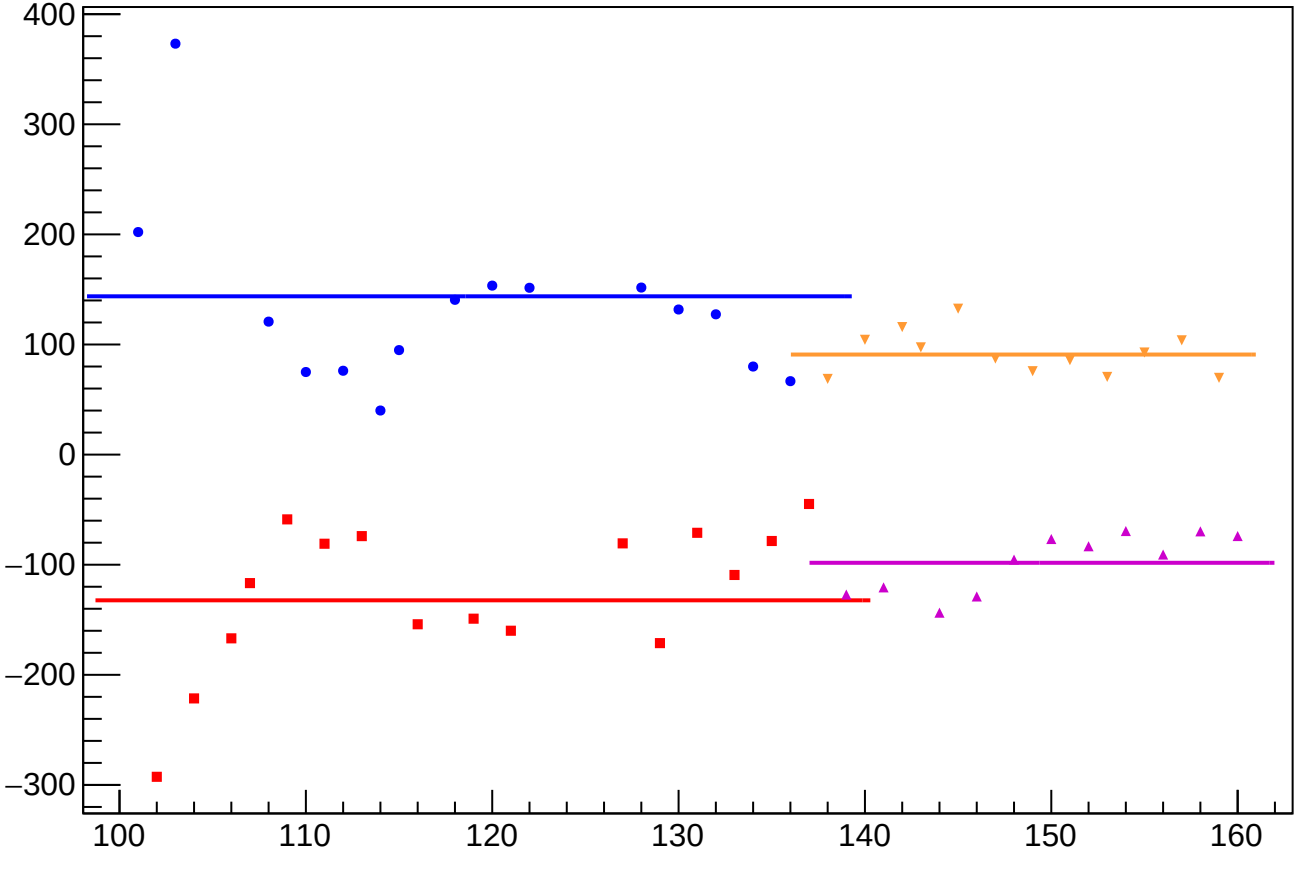
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

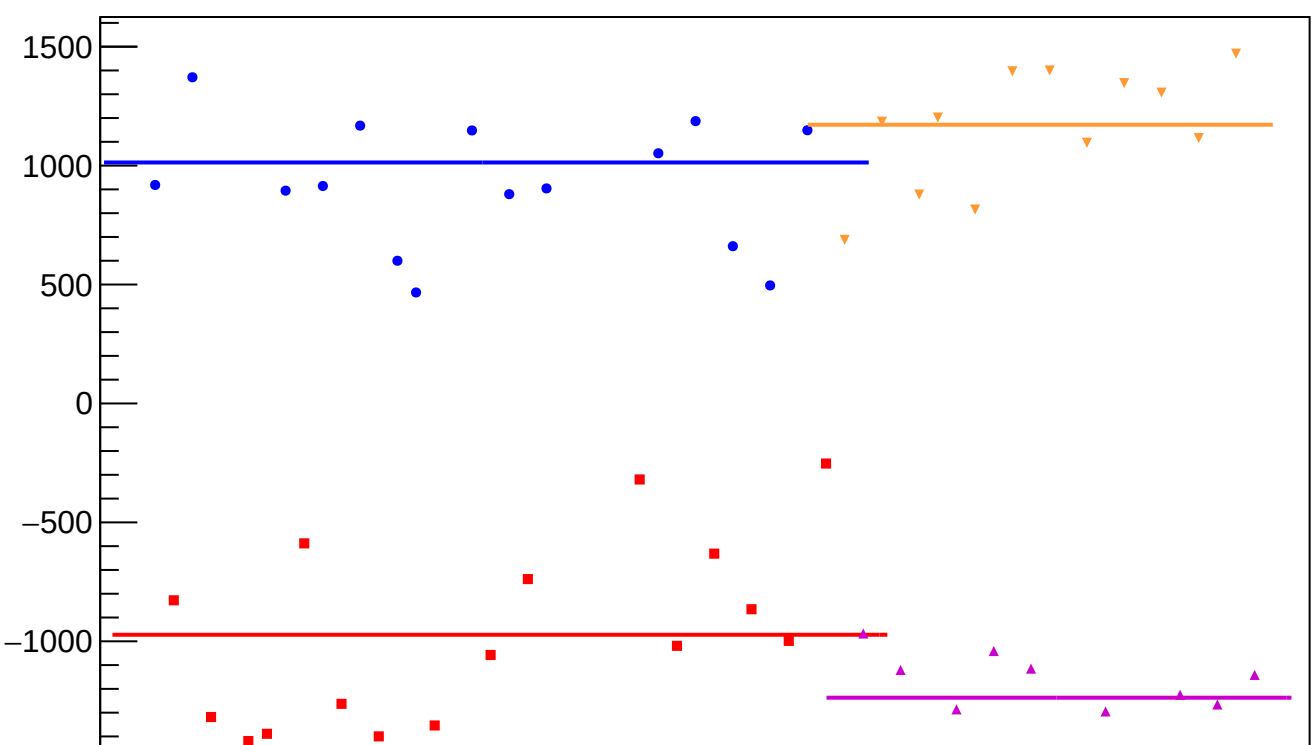
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

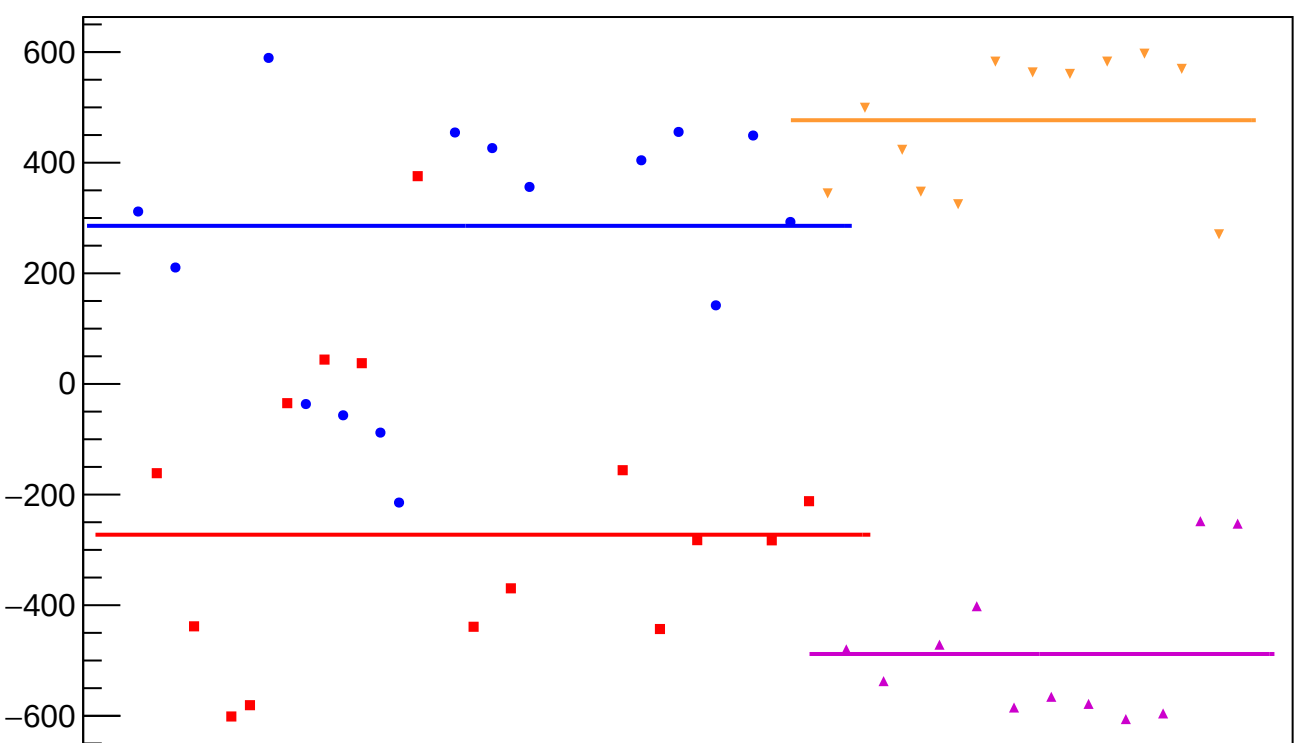
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

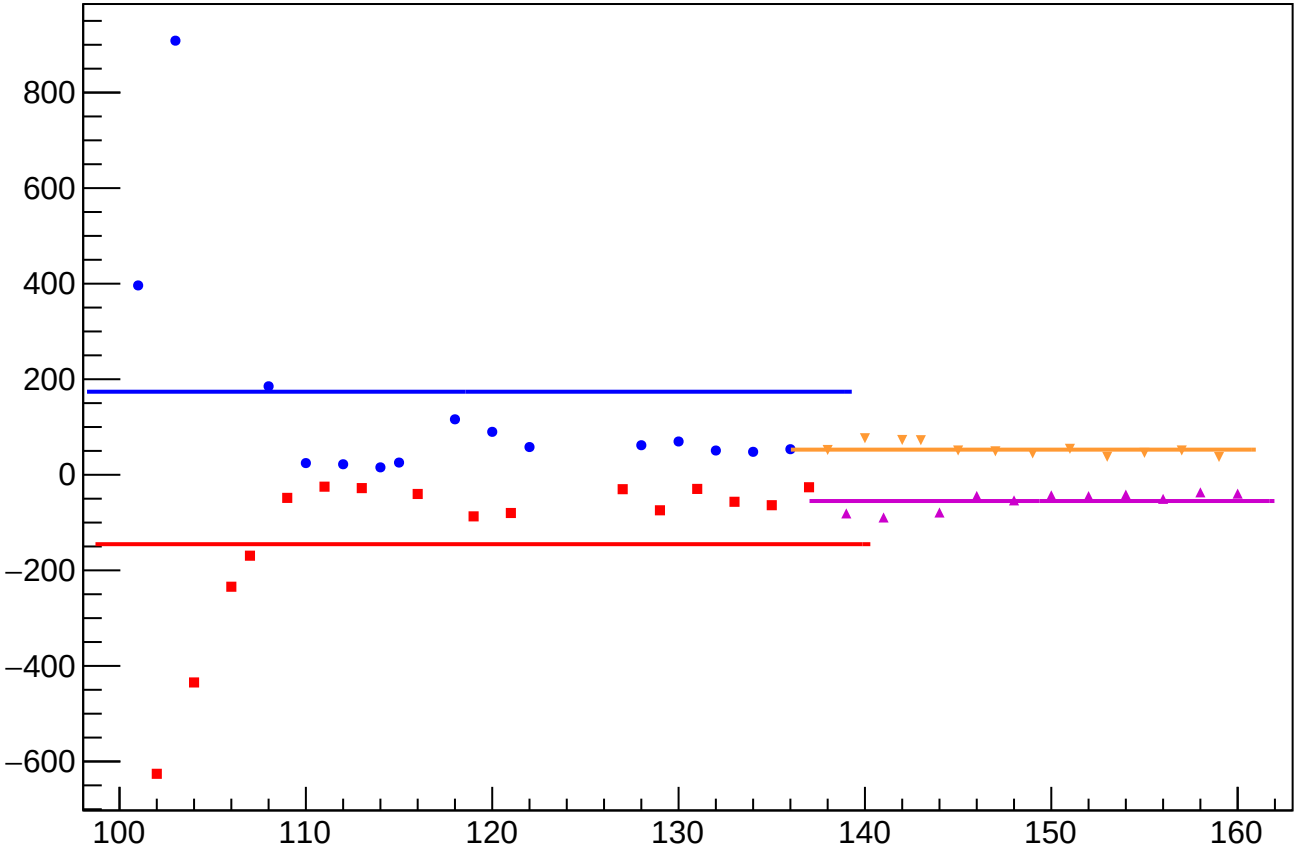
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

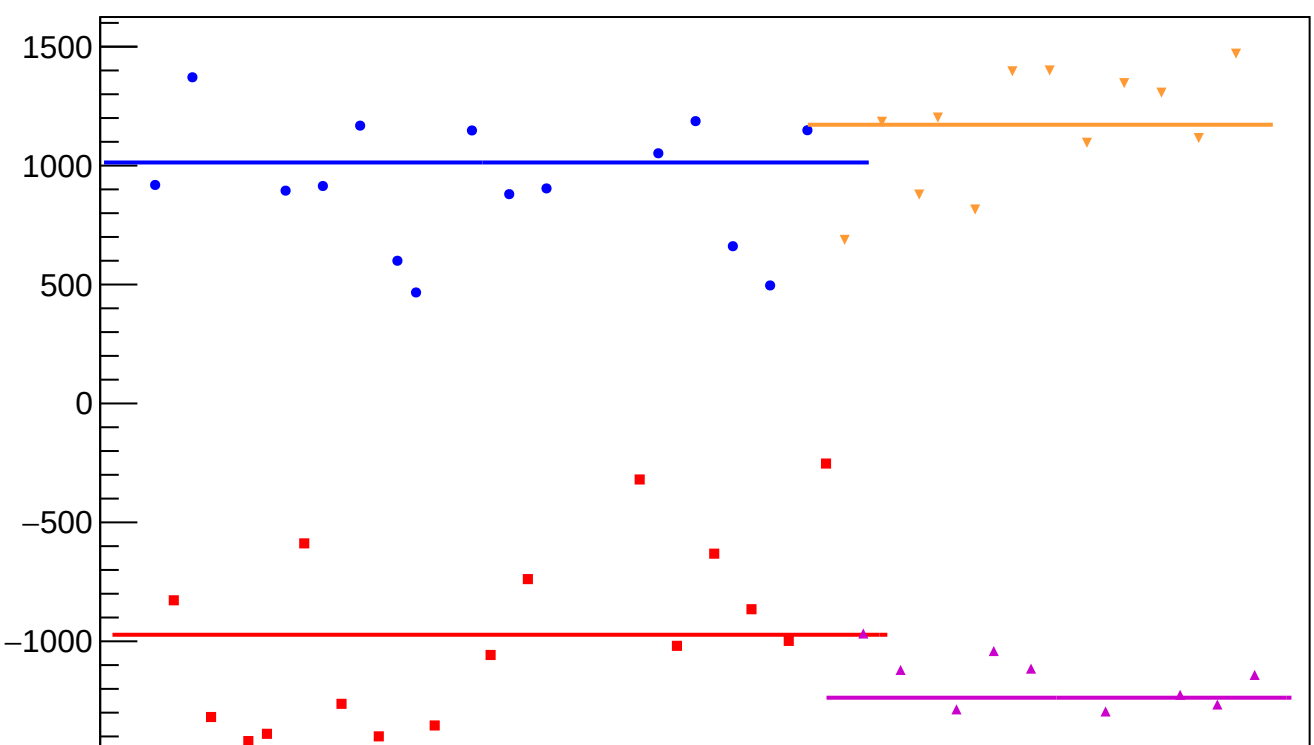
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

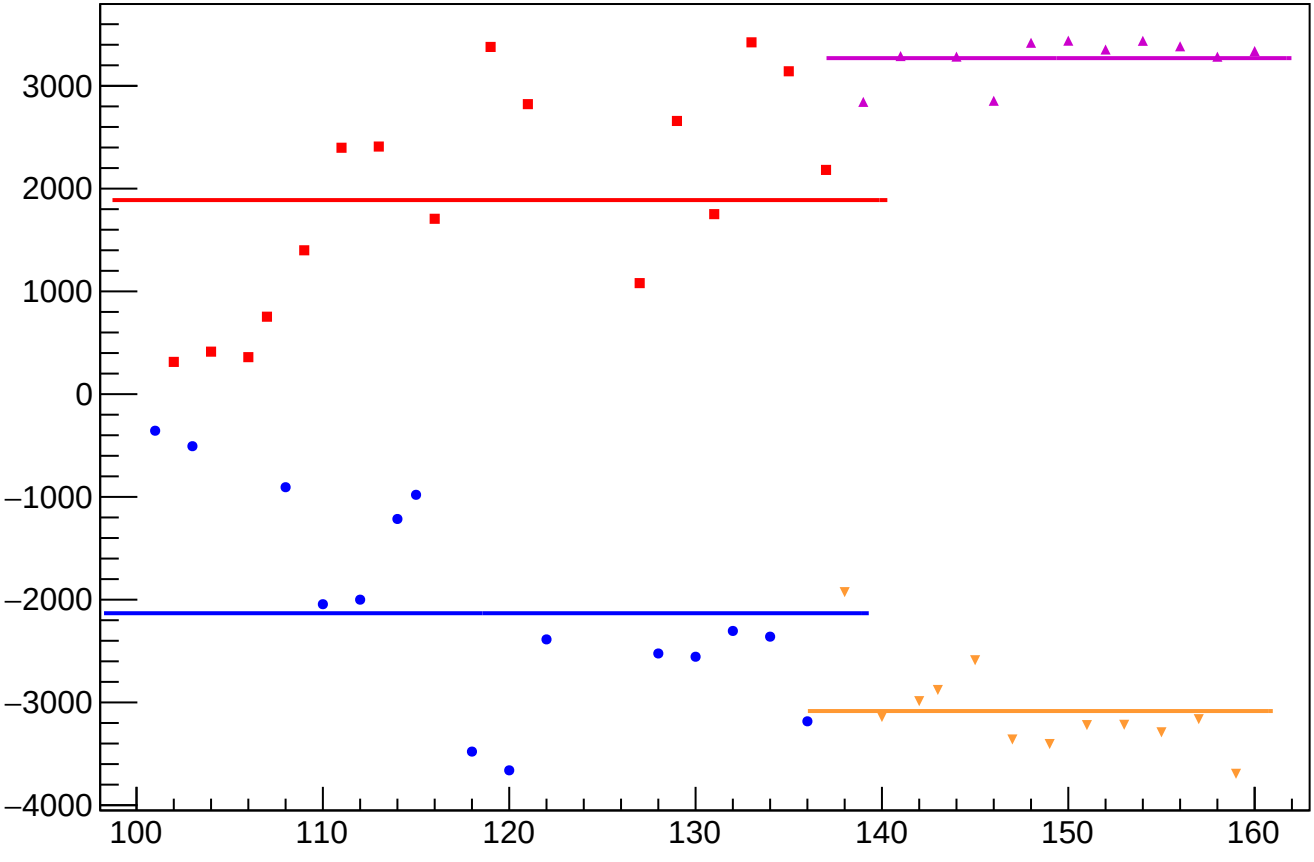
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

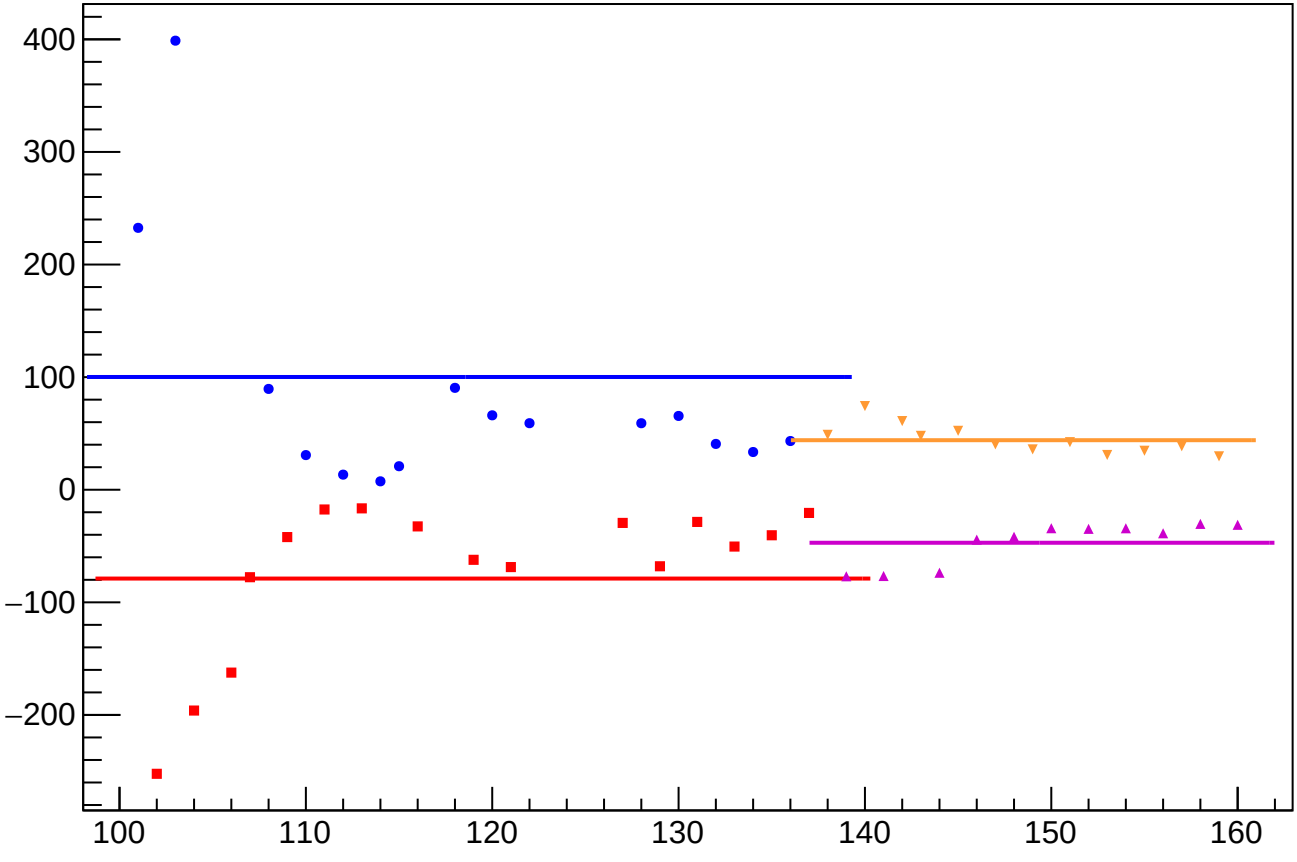
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

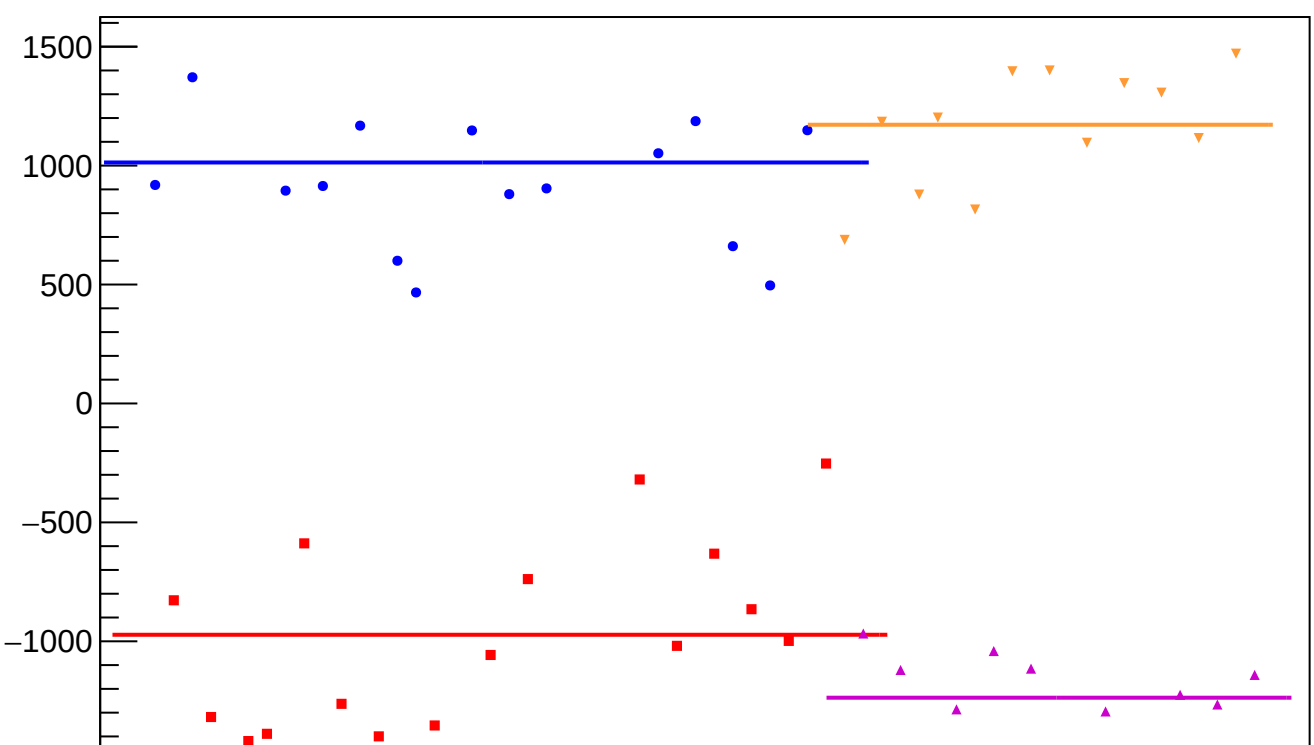
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

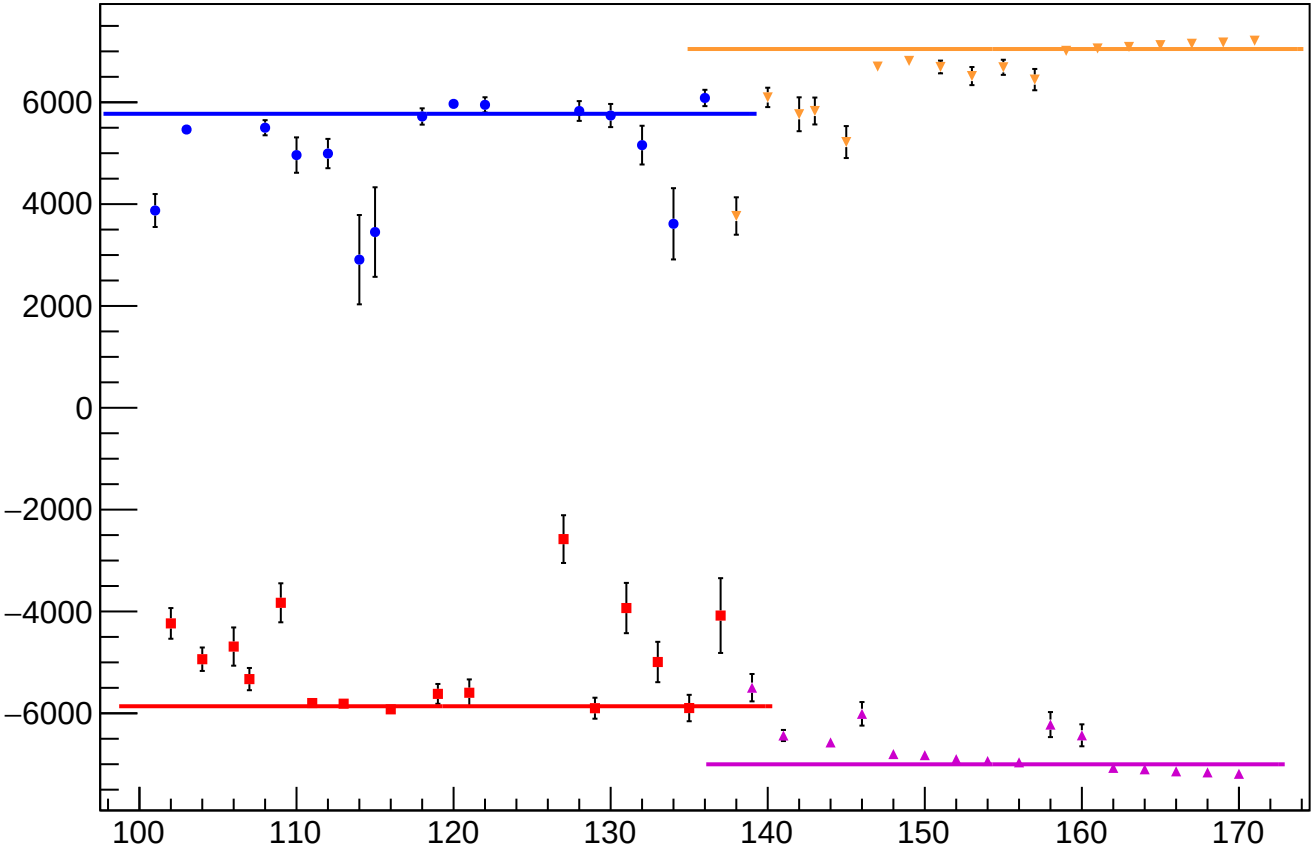
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7046.243+/-0.151 χ^2/NDF:886118.0/17

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7001.833+/-0.126 χ^2/NDF:1324782.8/15

Left: -1261.226+/-0.097 χ^2/NDF: 5092748639.2/33

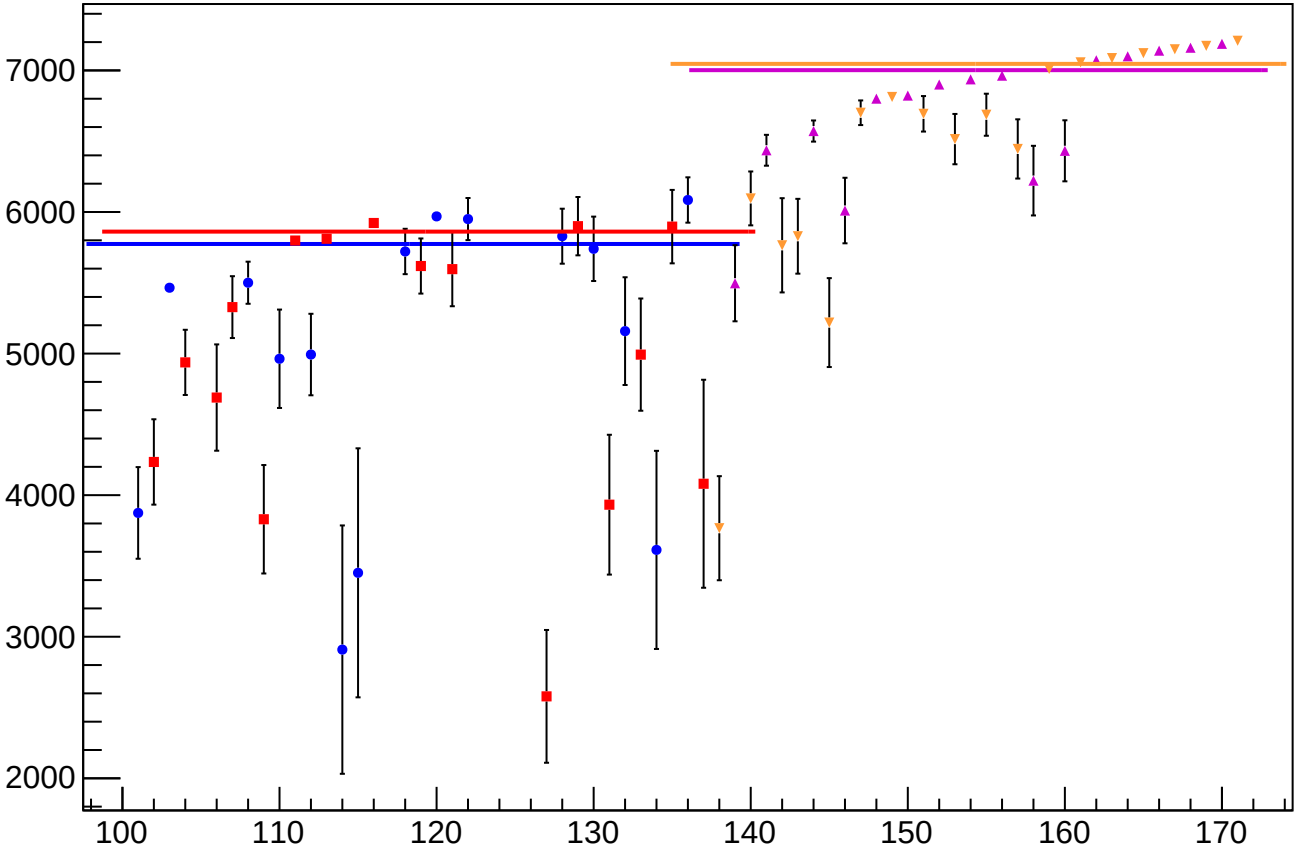
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -2851.647+/-0.103 χ^2/NDF:3350106776.9/30

Out: 68.204+/-0.103 χ^2/NDF:3929871524.2/33

All: -1380.440+/-0.073 χ^2/NDF: 7681601872

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7046.243+/-0.151 χ^2/NDF:886118.0/17

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7001.833+/-0.126 χ^2/NDF:1324782.8/15

Left: 7019.981+/-0.097 χ^2/NDF: 2261774.4/33

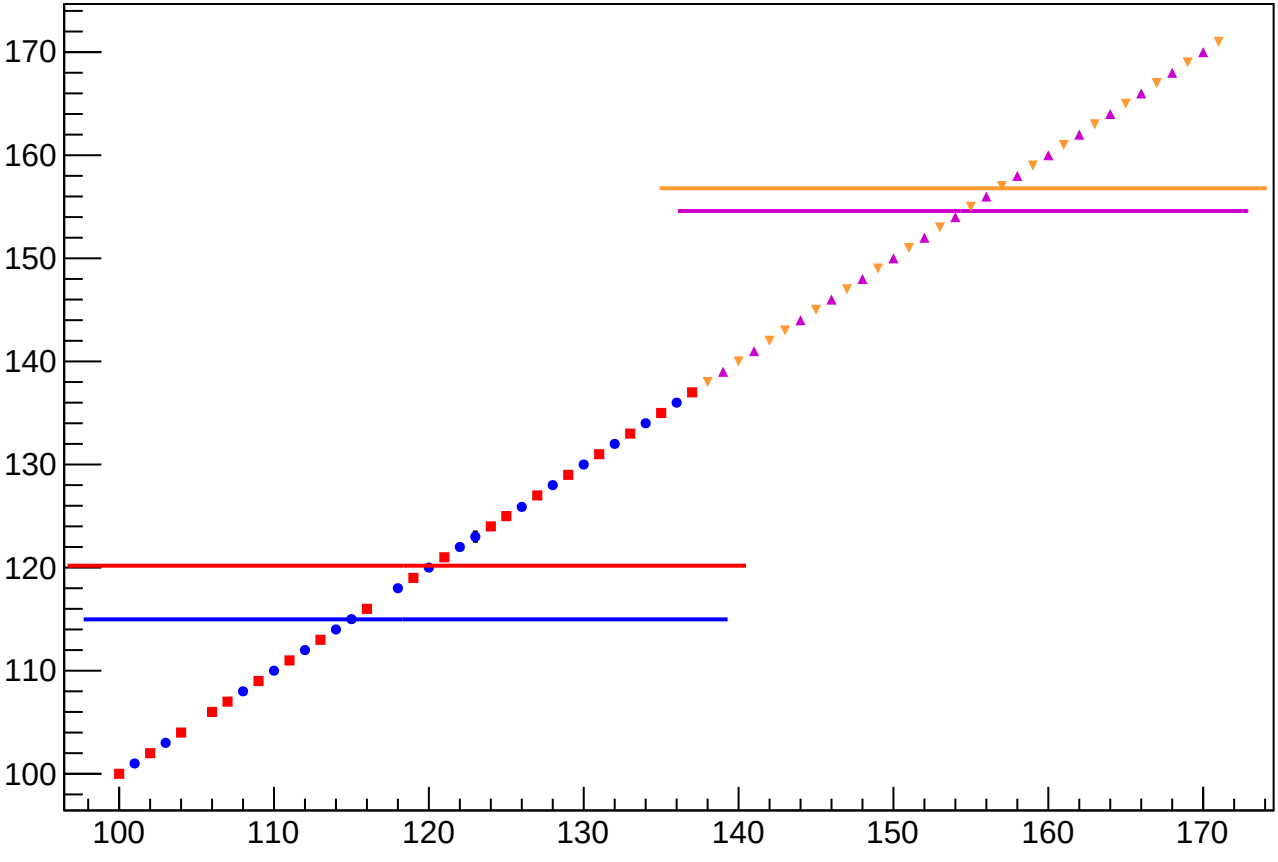
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6603.017+/-0.103 χ^2/NDF:34060494.6/30

Out: 6405.738+/-0.103 χ^2/NDF:34167017.3/33

All: 6503.615+/-0.073 χ^2/NDF: 70060934.6/6

dit_slug_slope vs Slug, Sign Corrected



Left: 155.686+/-0.000 χ^2/NDF: 941111783620467

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 156.796+/-0.000 χ^2/NDF:59632946739739963563318678913024.0/17

In: 128.720+/-0.000 χ^2/NDF:9481257976530759

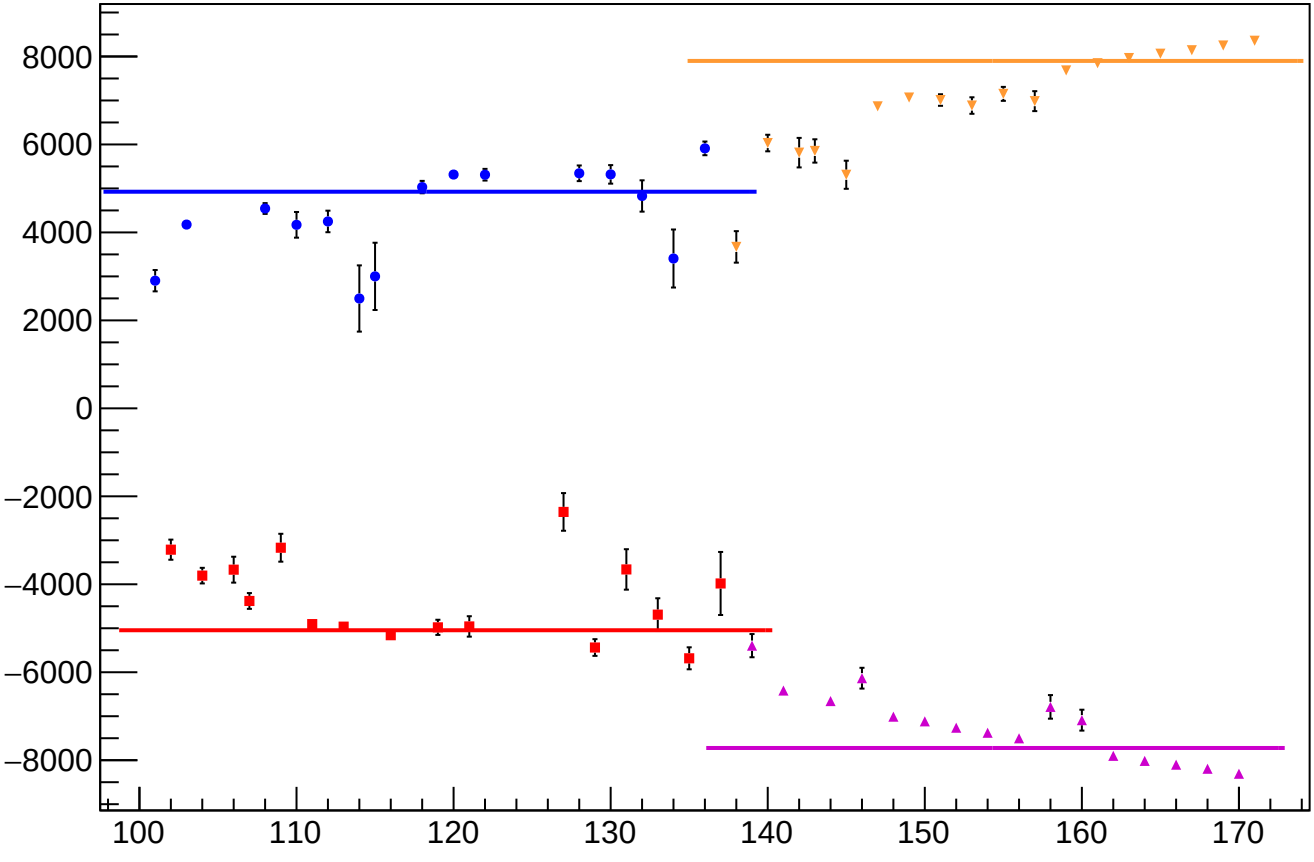
Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 136.036+/-0.000 χ^2/NDF:698022544359747

Left In: 154.594+/-0.000 χ^2/NDF:32593298913636077691501700710400.0/15

All: 131.945+/-0.000 χ^2/NDF: 16994617796

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7899.135+/-0.582 χ^2/NDF:502528.0/17

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7722.016+/-0.517 χ^2/NDF:787865.4/15

Left: -827.676+/-0.386 χ^2/NDF: 404314398.7/33

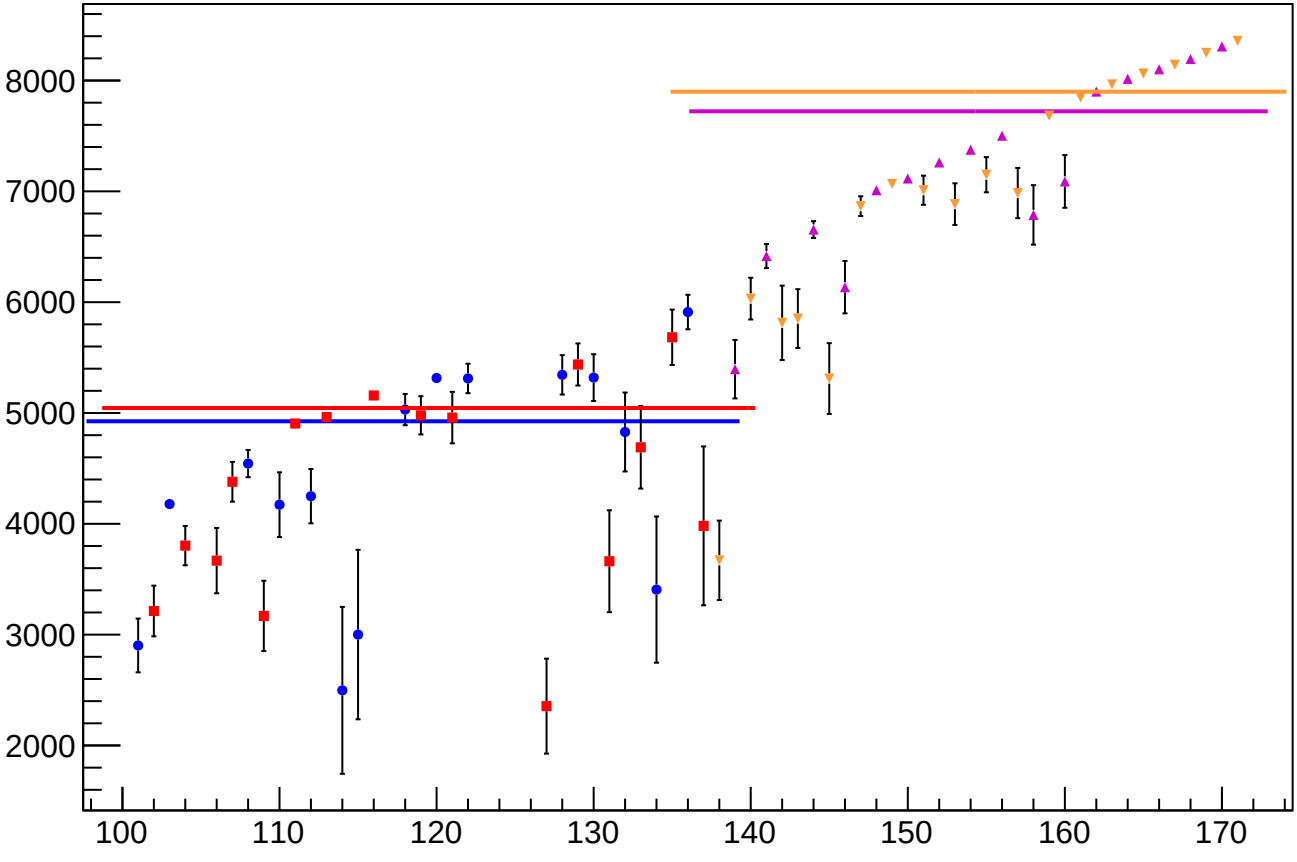
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -4779.031+/-0.453 χ^2/NDF:140406261.5/30

Out: 2316.250+/-0.439 χ^2/NDF:214181989.8/33

All: -1118.209+/-0.315 χ^2/NDF: 481267676.2

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7899.135+/-0.582 χ^2/NDF:502528.0/17

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7722.016+/-0.517 χ^2/NDF:787865.4/15

Left: 7800.187+/-0.386 χ^2/NDF: 1342205.9/33

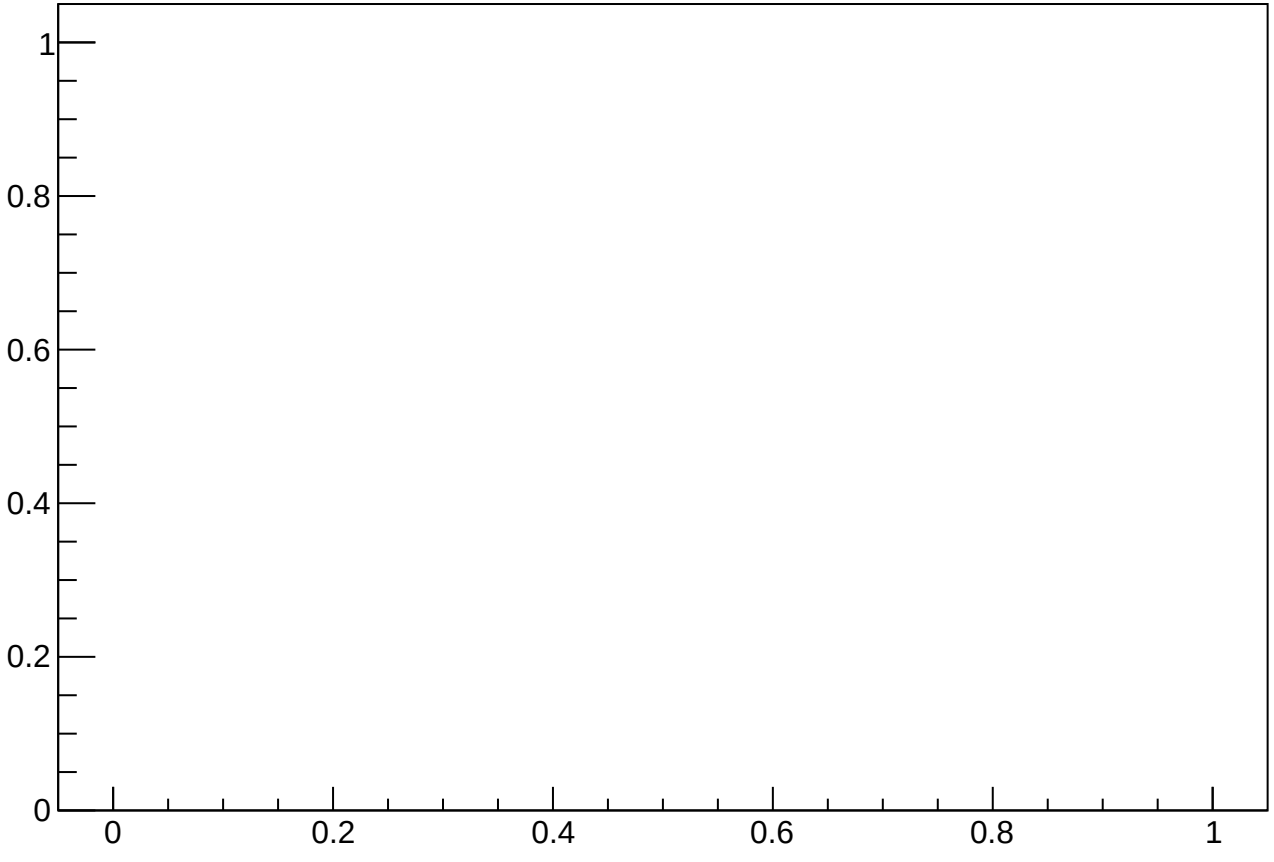
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7071.232+/-0.453 χ^2/NDF:7929842.7/30

Out: 6668.245+/-0.439 χ^2/NDF:10918083.7/33

All: 6863.310+/-0.315 χ^2/NDF: 19256572.7/6

dit_scandata1_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

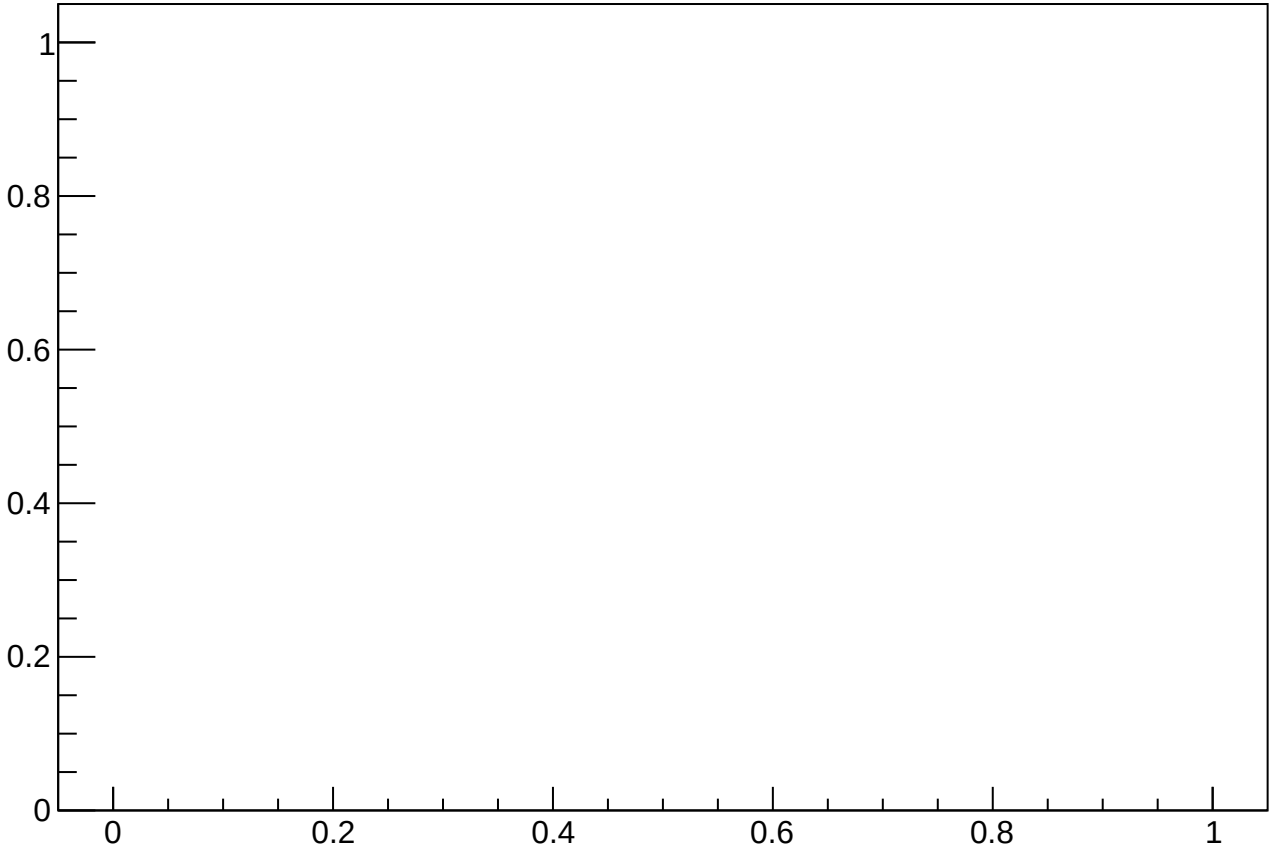
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

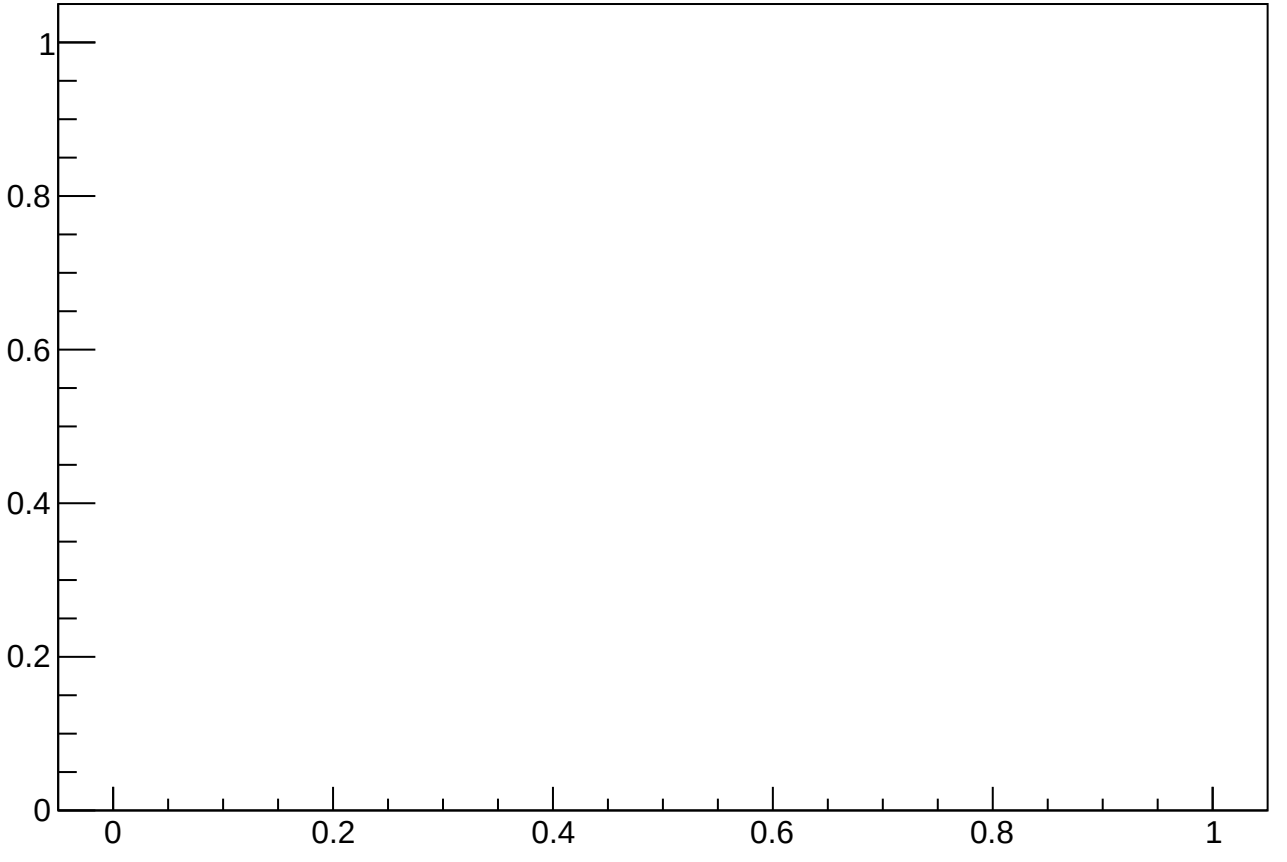
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

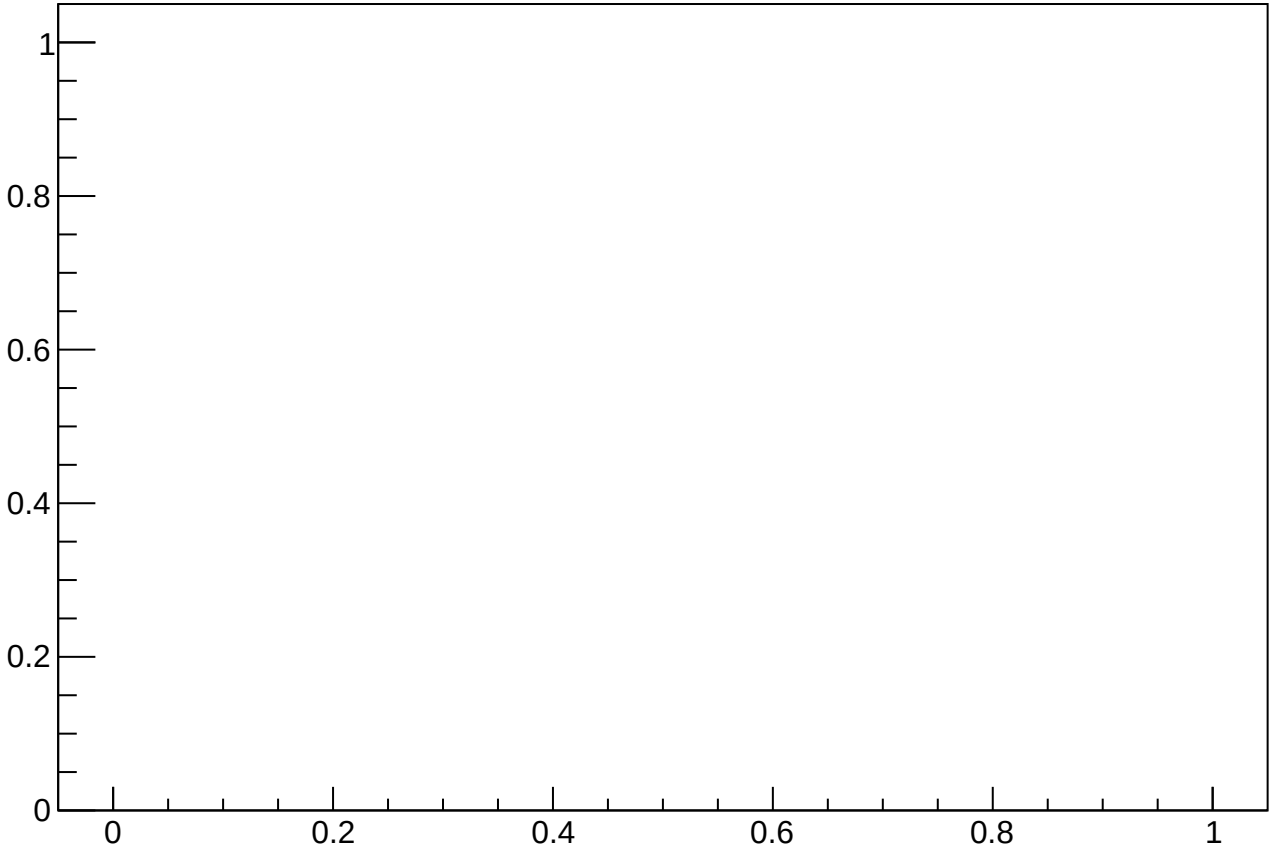
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

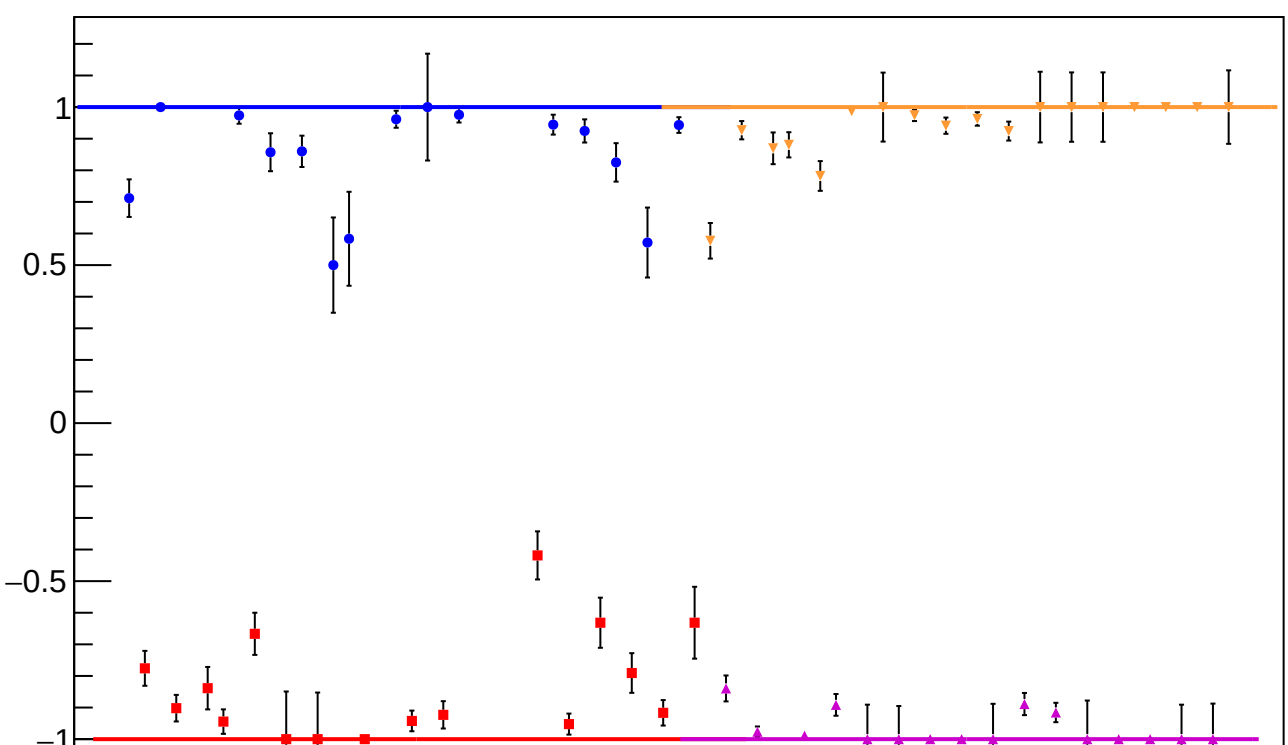
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:176.8/17

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:1081.3/15

Left: -0.232+/-0.000 χ^2/NDF: 19884905699604819

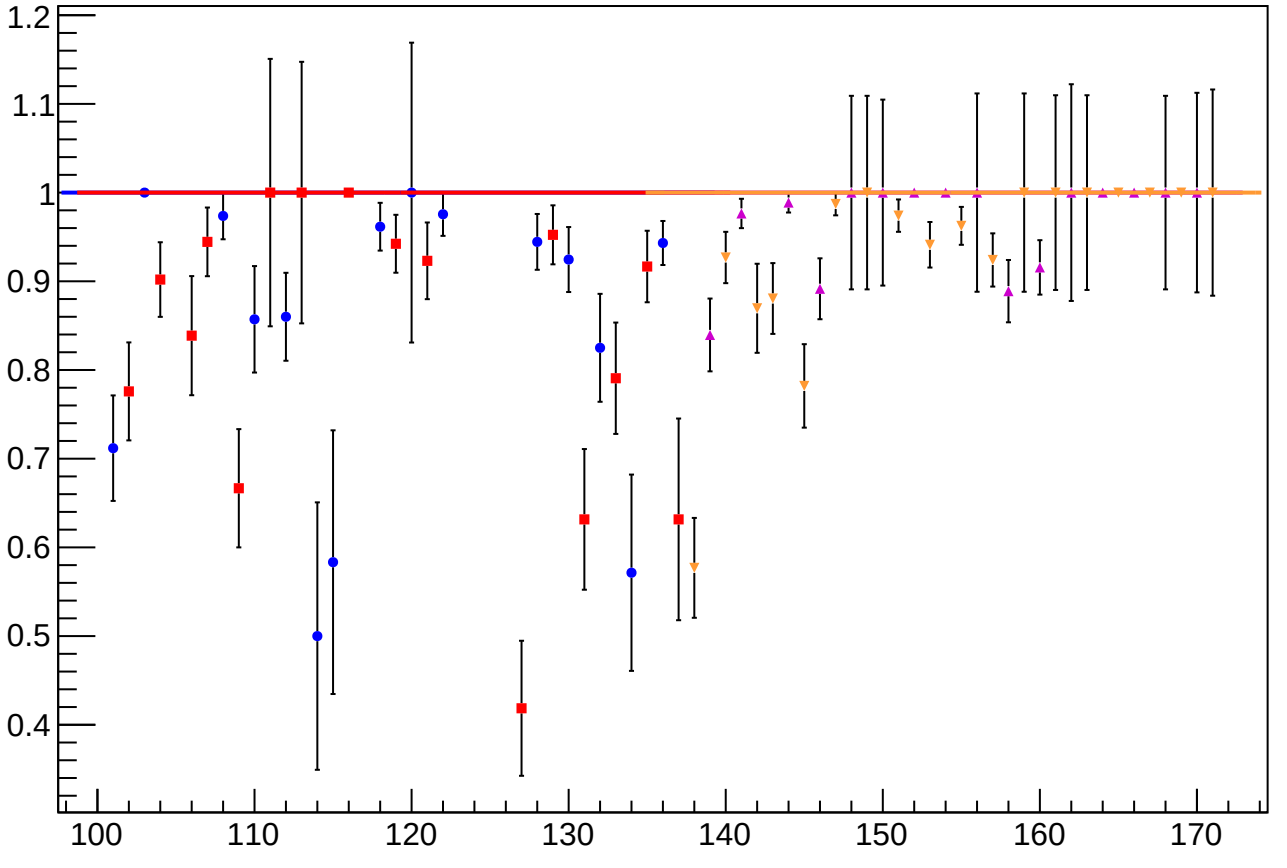
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.833+/-0.000 χ^2/NDF:43133924423765883 8

Out: 0.882+/-0.000 χ^2/NDF:19083685631804642 8

All: -0.185+/-0.000 χ^2/NDF: 2191935775032

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:176.8/17

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:1081.3/15

Left: 1.000+/-0.000 χ^2/NDF: 690.6/33

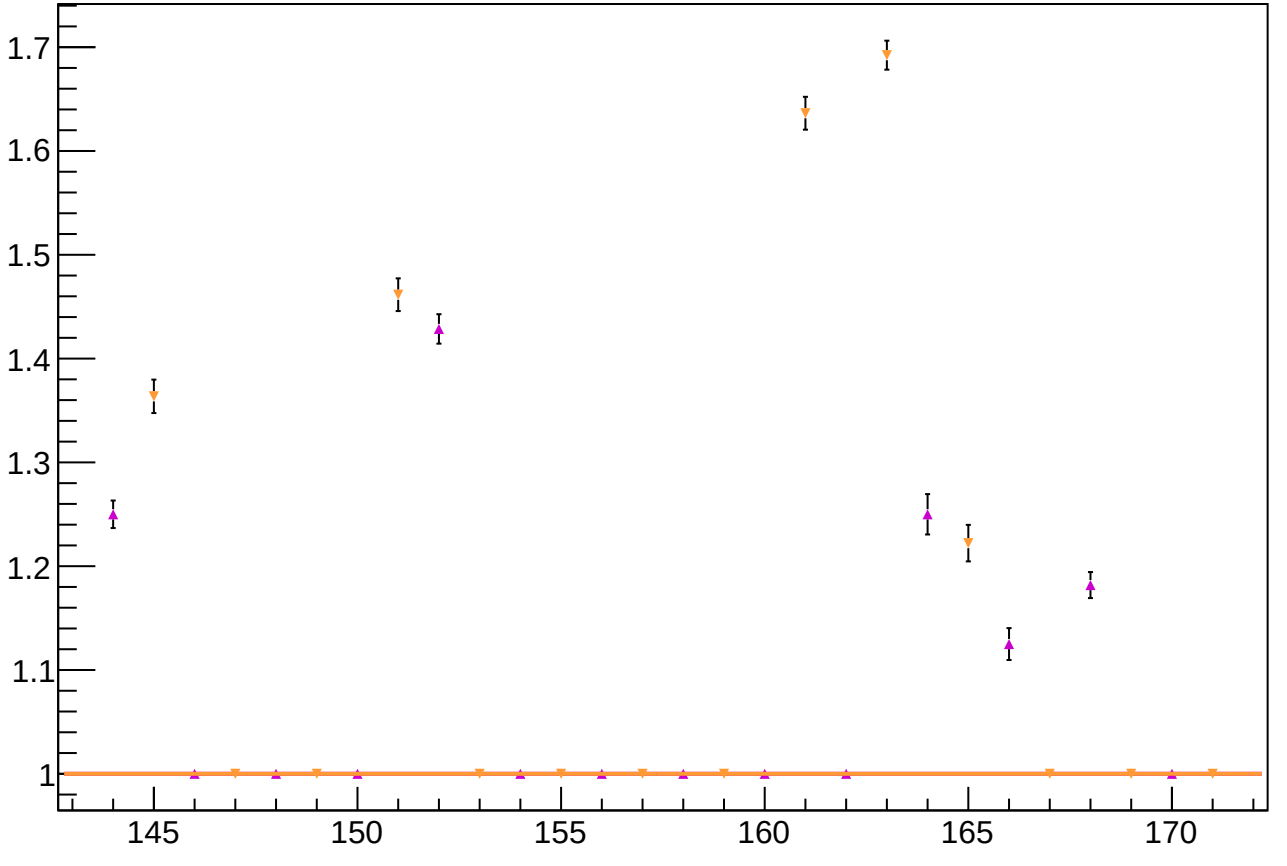
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:491.7/30

Out: 1.000+/-0.000 χ^2/NDF:1465.7/33

All: 1.000+/-0.000 χ^2/NDF: 1022.4/64

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:6693.1/13

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

Left In: 1.000+/-0.000 χ^2/NDF:2452.3/13

Left: 1.000+/-0.000 χ^2/NDF: 8815.6/27

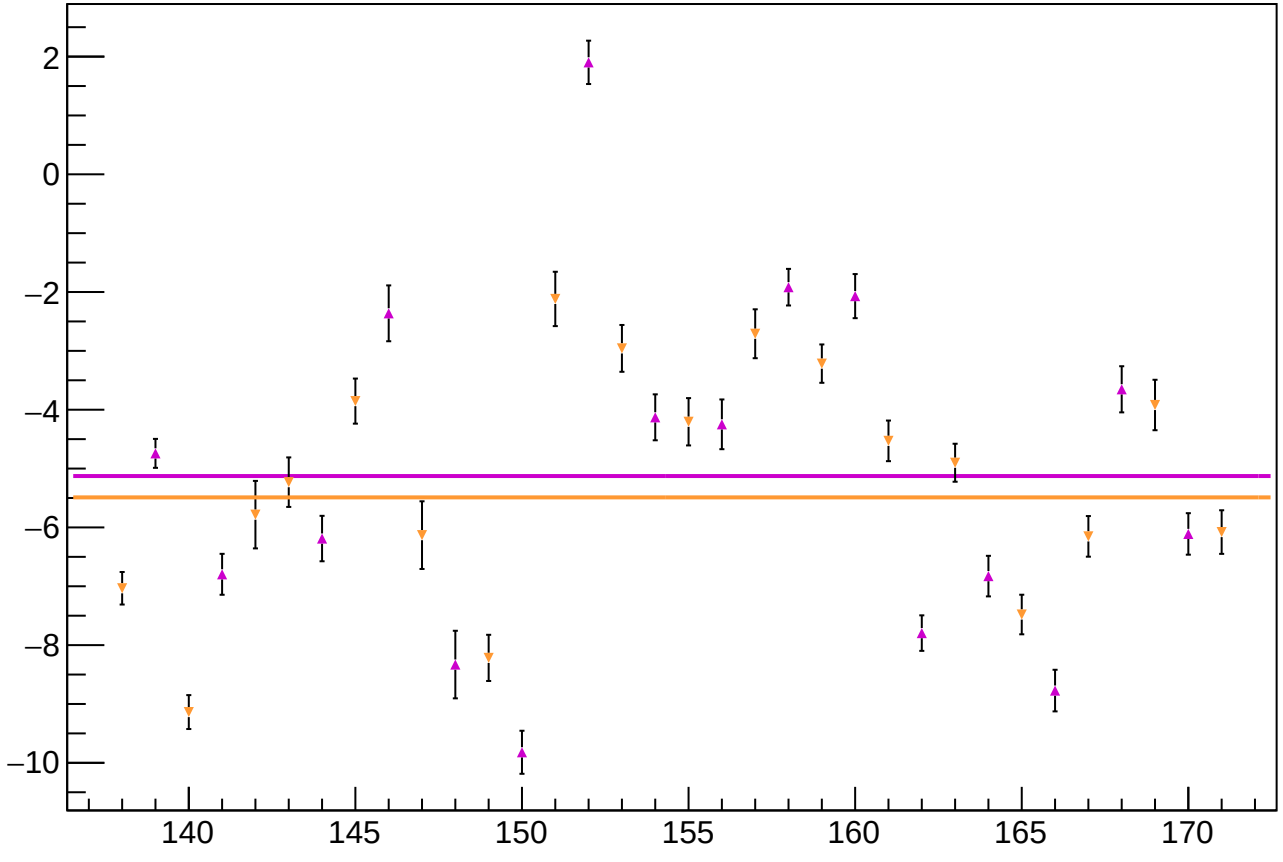
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:2452.3/13

Out: 1.000+/-0.000 χ^2/NDF:6693.1/13

All: 1.000+/-0.000 χ^2/NDF: 8815.6/27

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -5.490+/-0.088 χ^2/NDF:523.1/17

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

Left In: -5.127+/-0.089 χ^2/NDF:1041.8/15

Left: -5.312+/-0.063 χ^2/NDF: 1573.4/33

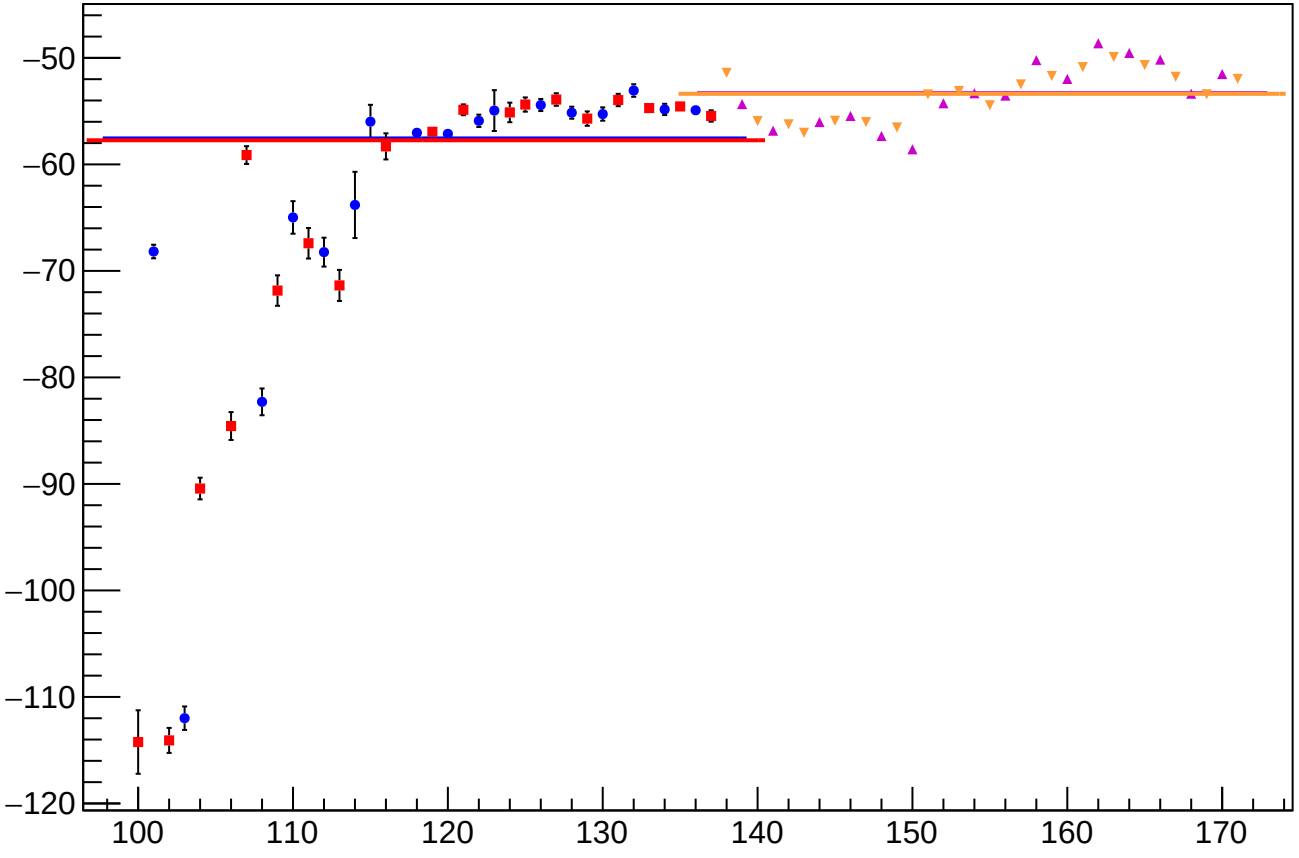
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.127+/-0.089 χ^2/NDF:1041.8/15

Out: -5.490+/-0.088 χ^2/NDF:523.1/17

All: -5.312+/-0.063 χ^2/NDF: 1573.4/33

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -53.371+/-0.066 χ^2/NDF:1193.8/17

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -53.312+/-0.069 χ^2/NDF:1921.9/15

Left: -53.343+/-0.047 χ^2/NDF: 3116.1/33

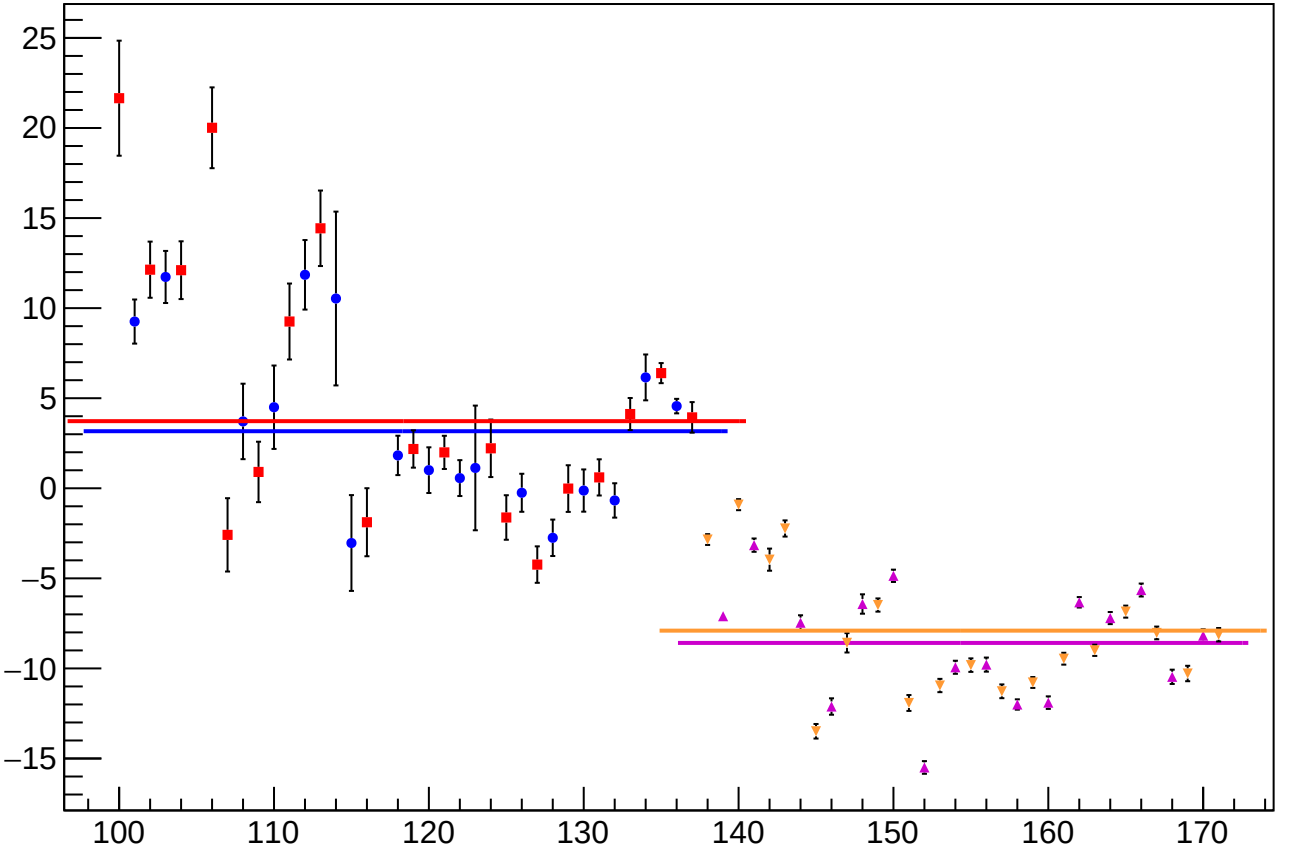
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -54.127+/-0.062 χ^2/NDF:6107.7/32

Out: -54.129+/-0.060 χ^2/NDF:6662.0/36

All: -54.128+/-0.043 χ^2/NDF: 12769.7/69

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.902+/-0.087 χ^2/NDF:1632.1/17

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -8.584+/-0.088 χ^2/NDF:1256.5/15

Left: -8.239+/-0.062 χ^2/NDF: 2919.2/33

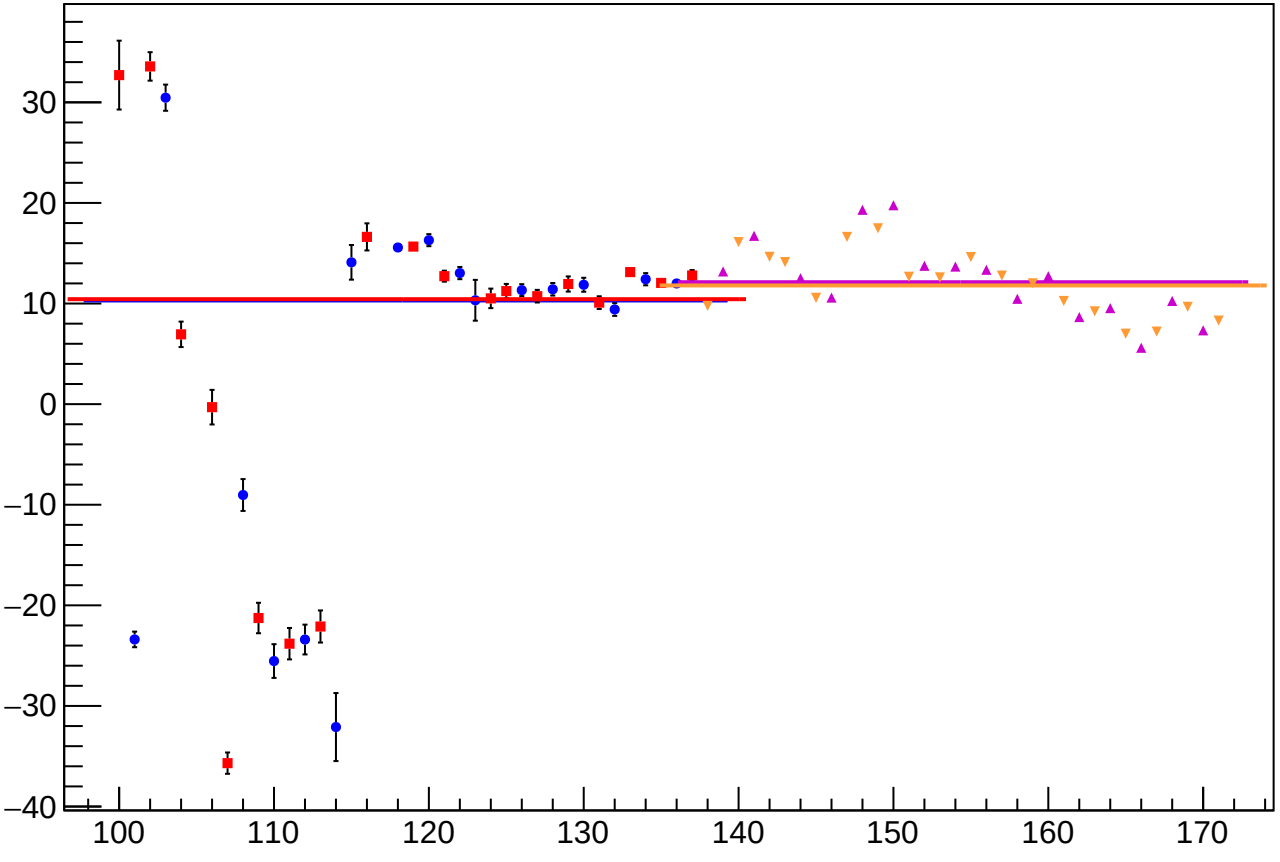
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -7.360+/-0.083 χ^2/NDF:3305.4/32

Out: -6.792+/-0.083 χ^2/NDF:3669.9/36

All: -7.074+/-0.059 χ^2/NDF: 6998.8/69

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 11.798+/-0.074 χ^2/NDF:1689.3/17

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 12.119+/-0.077 χ^2/NDF:2342.1/15

Left: 11.952+/-0.054 χ^2/NDF: 4040.4/33

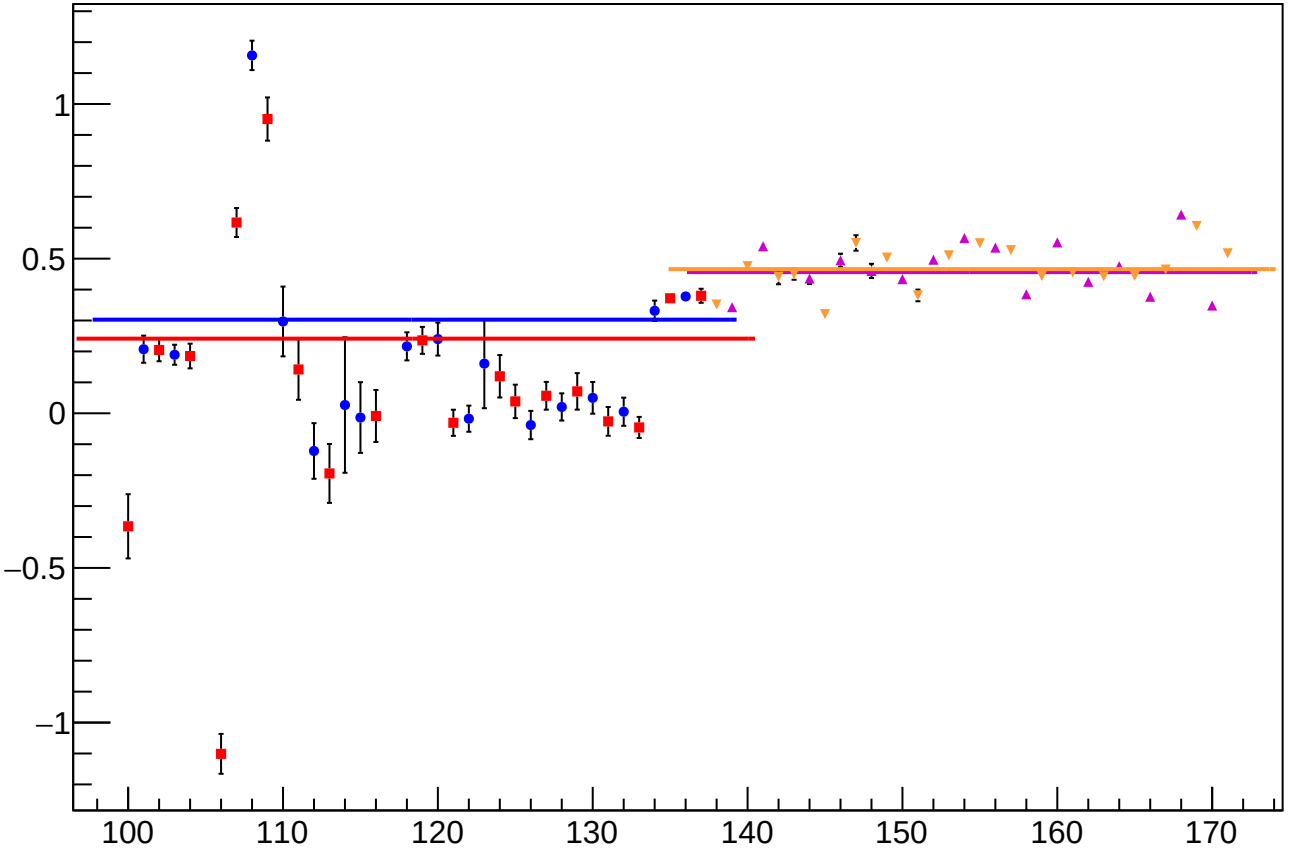
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 11.764+/-0.069 χ^2/NDF:6162.0/32

Out: 11.555+/-0.067 χ^2/NDF:5577.7/36

All: 11.656+/-0.048 χ^2/NDF: 11744.3/69

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.466+/-0.003 χ^2/NDF:401.6/17

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.456+/-0.003 χ^2/NDF:668.6/15

Left: 0.461+/-0.002 χ^2/NDF: 1074.3/33

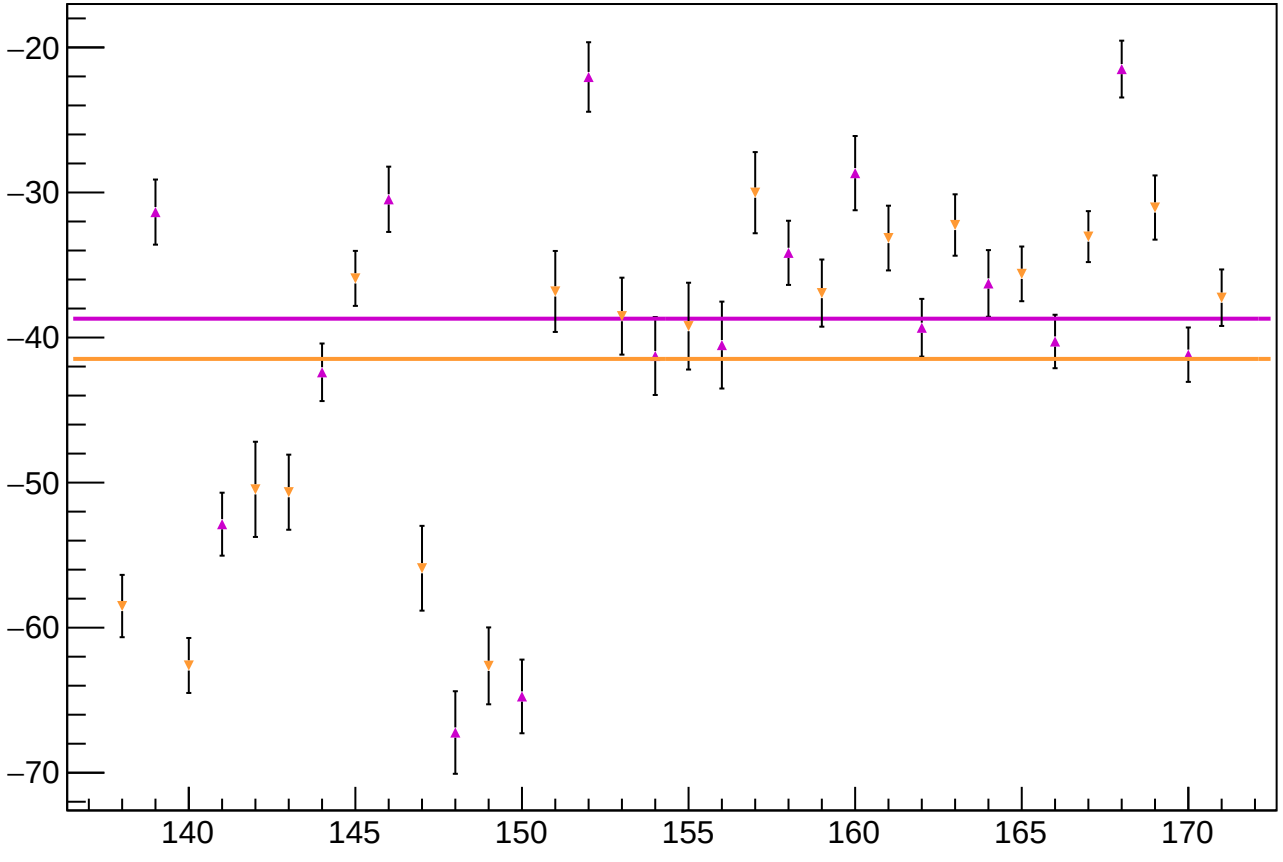
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.434+/-0.003 χ^2/NDF:1616.3/32

Out: 0.436+/-0.003 χ^2/NDF:1994.9/36

All: 0.435+/-0.002 χ^2/NDF: 3611.4/69

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.473+/-0.537 χ^2/NDF:421.8/17

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

Left In: -38.700+/-0.559 χ^2/NDF:425.9/15

Left: -40.142+/-0.387 χ^2/NDF: 860.5/33

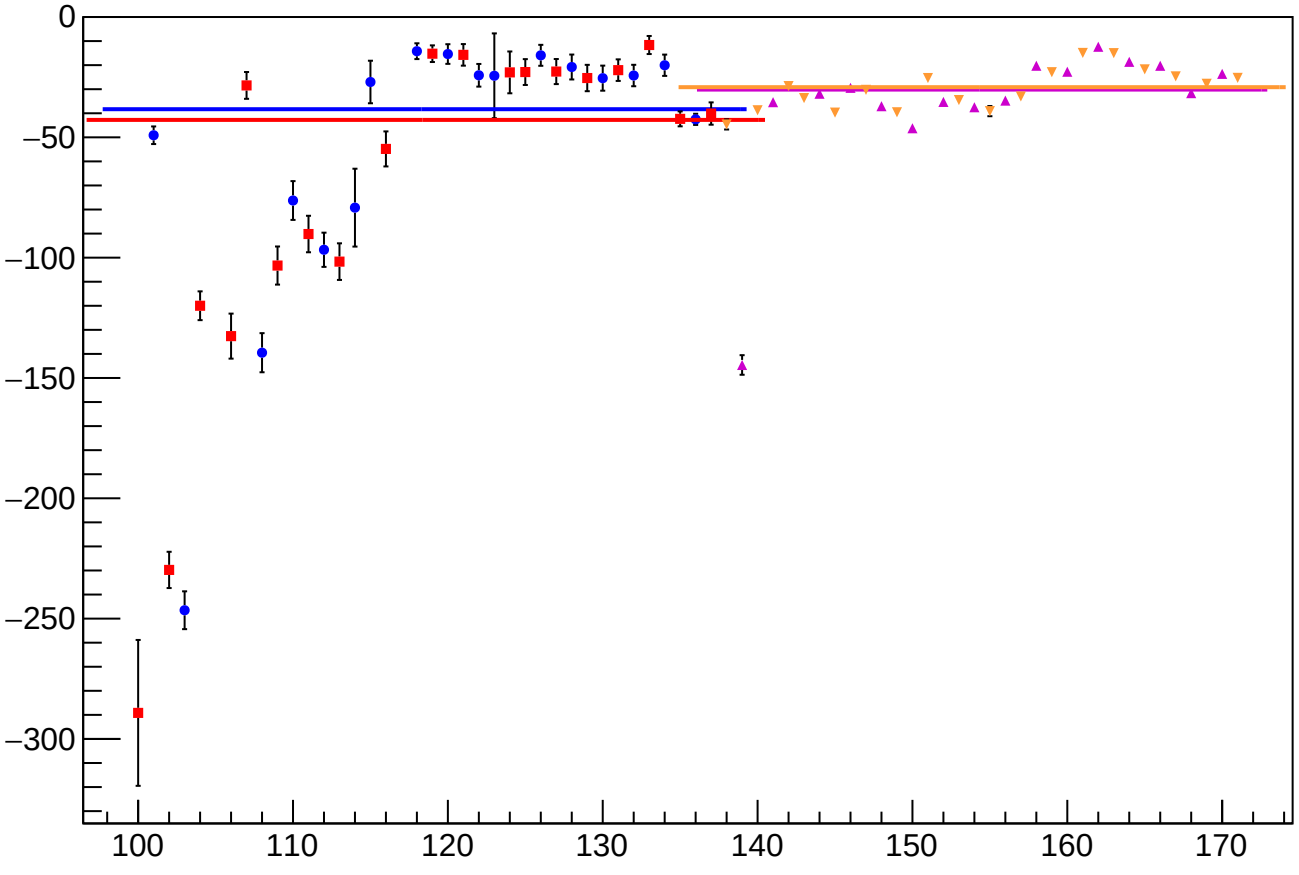
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.700+/-0.559 χ^2/NDF:425.9/15

Out: -41.473+/-0.537 χ^2/NDF:421.8/17

All: -40.142+/-0.387 χ^2/NDF: 860.5/33

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -29.158+/-0.392 χ^2/NDF:438.7/17

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -30.155+/-0.412 χ^2/NDF:1227.2/15

Left: -29.631+/-0.284 χ^2/NDF: 1669.0/33

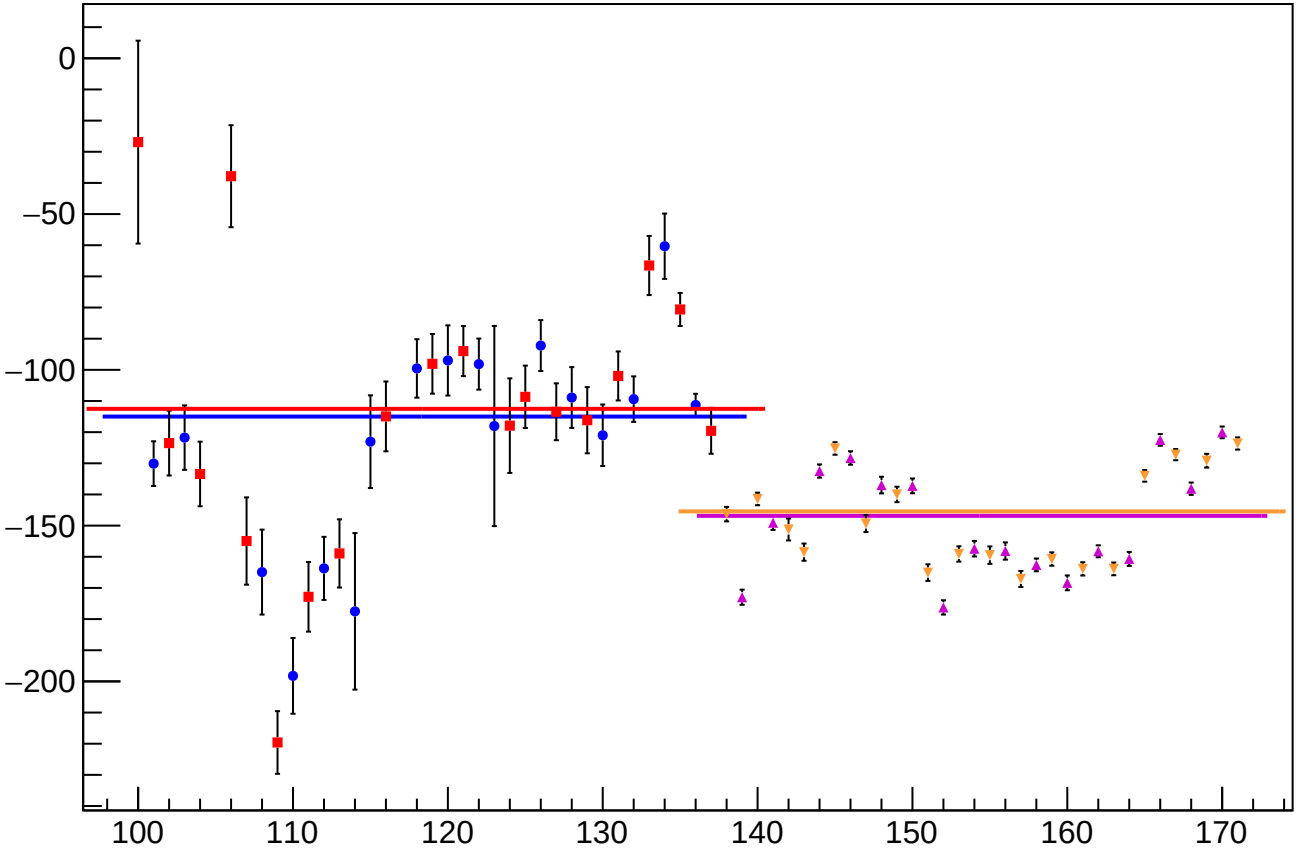
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -31.101+/-0.387 χ^2/NDF:2405.4/32

Out: -30.447+/-0.373 χ^2/NDF:1894.5/36

All: -30.761+/-0.269 χ^2/NDF: 4301.3/69

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -145.441+/-0.534 χ^2/NDF:842.2/17

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -146.857+/-0.550 χ^2/NDF:1072.0/15

Left: -146.128+/-0.383 χ^2/NDF: 1917.6/33

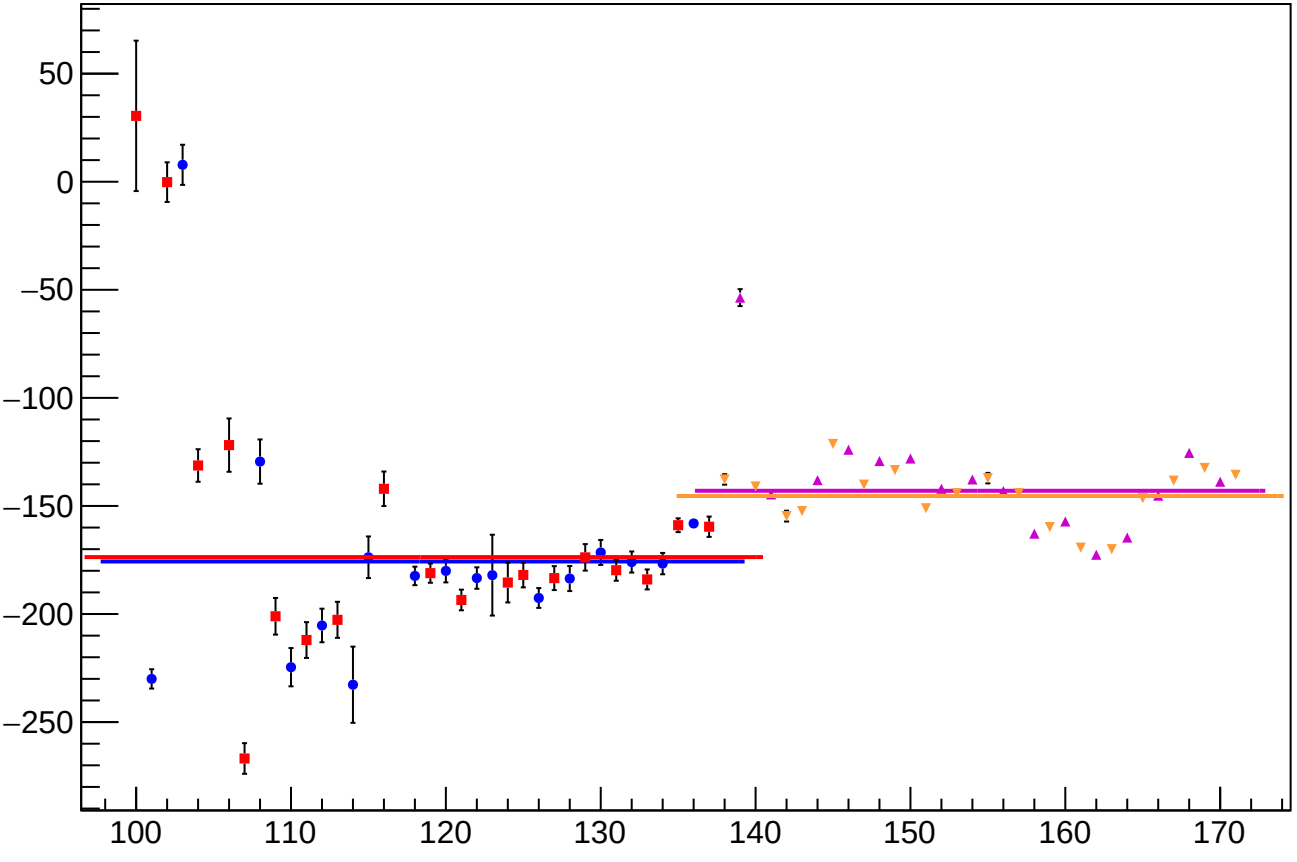
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -144.759+/-0.532 χ^2/NDF:1434.6/32

Out: -143.618+/-0.519 χ^2/NDF:1325.7/36

All: -144.175+/-0.371 χ^2/NDF: 2762.6/69

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -145.410+/-0.449 χ^2/NDF:886.7/17

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -142.988+/-0.472 χ^2/NDF:1497.9/15

Left: -144.257+/-0.325 χ^2/NDF: 2398.4/33

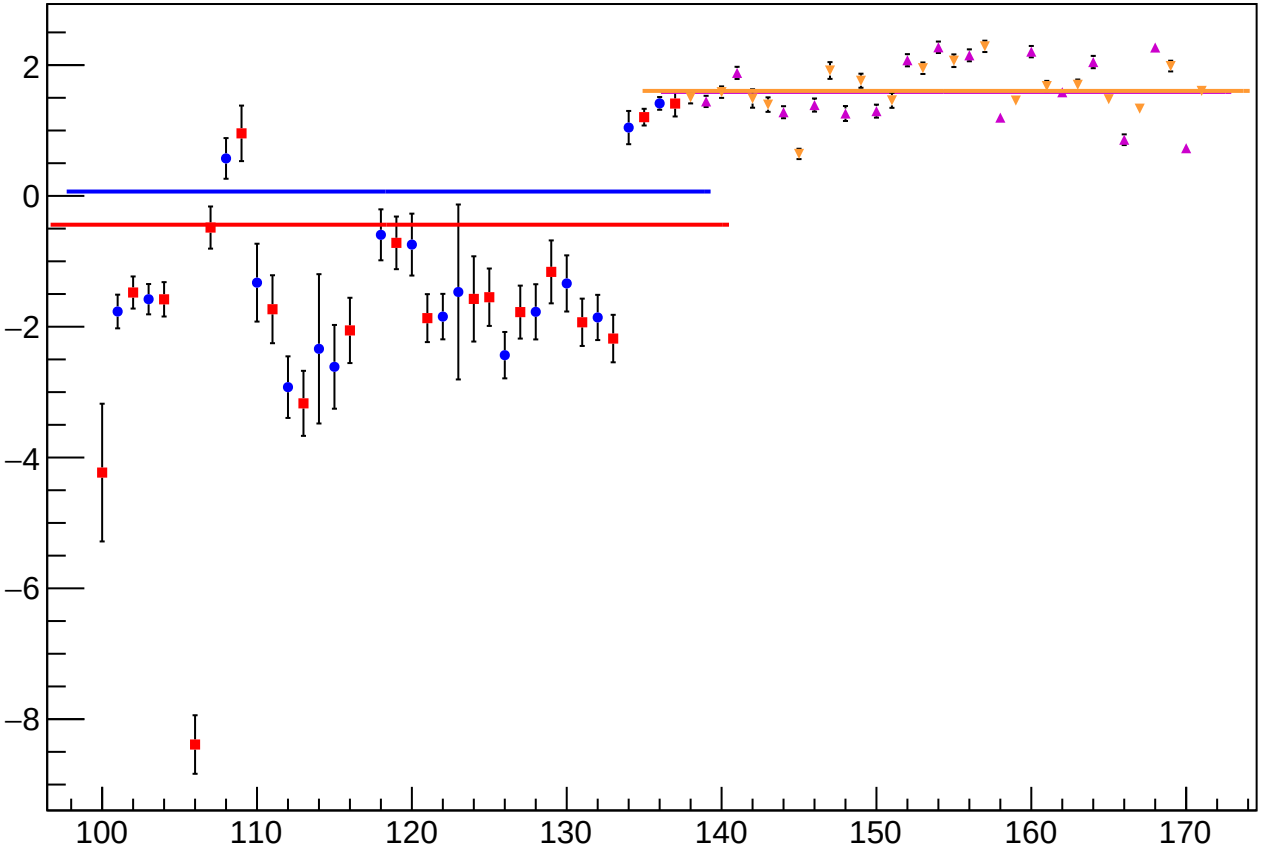
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -146.964+/-0.442 χ^2/NDF:2775.7/32

Out: -148.206+/-0.426 χ^2/NDF:2015.7/36

All: -147.607+/-0.307 χ^2/NDF: 4795.6/69

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.605+/-0.021 χ^2/NDF:307.2/17

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.590+/-0.022 χ^2/NDF:591.2/15

Left: 1.598+/-0.015 χ^2/NDF: 898.7/33

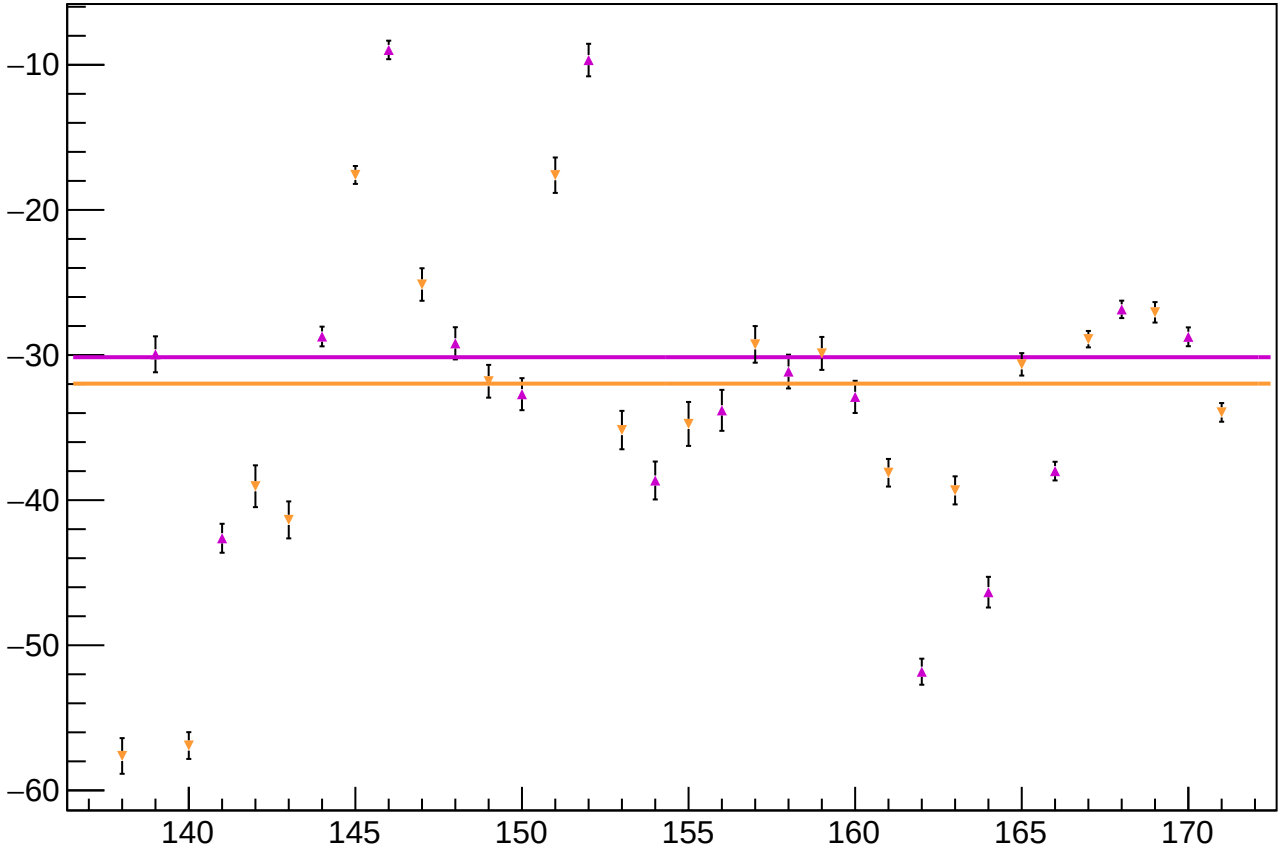
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.447+/-0.021 χ^2/NDF:1586.1/32

Out: 1.445+/-0.020 χ^2/NDF:1824.8/36

All: 1.446+/-0.014 χ^2/NDF: 3410.8/69

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.970+/-0.215 χ^2/NDF:2170.1/17

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

Left In: -30.149+/-0.218 χ^2/NDF:2657.0/15

Left: -31.071+/-0.153 χ^2/NDF: 4862.4/33

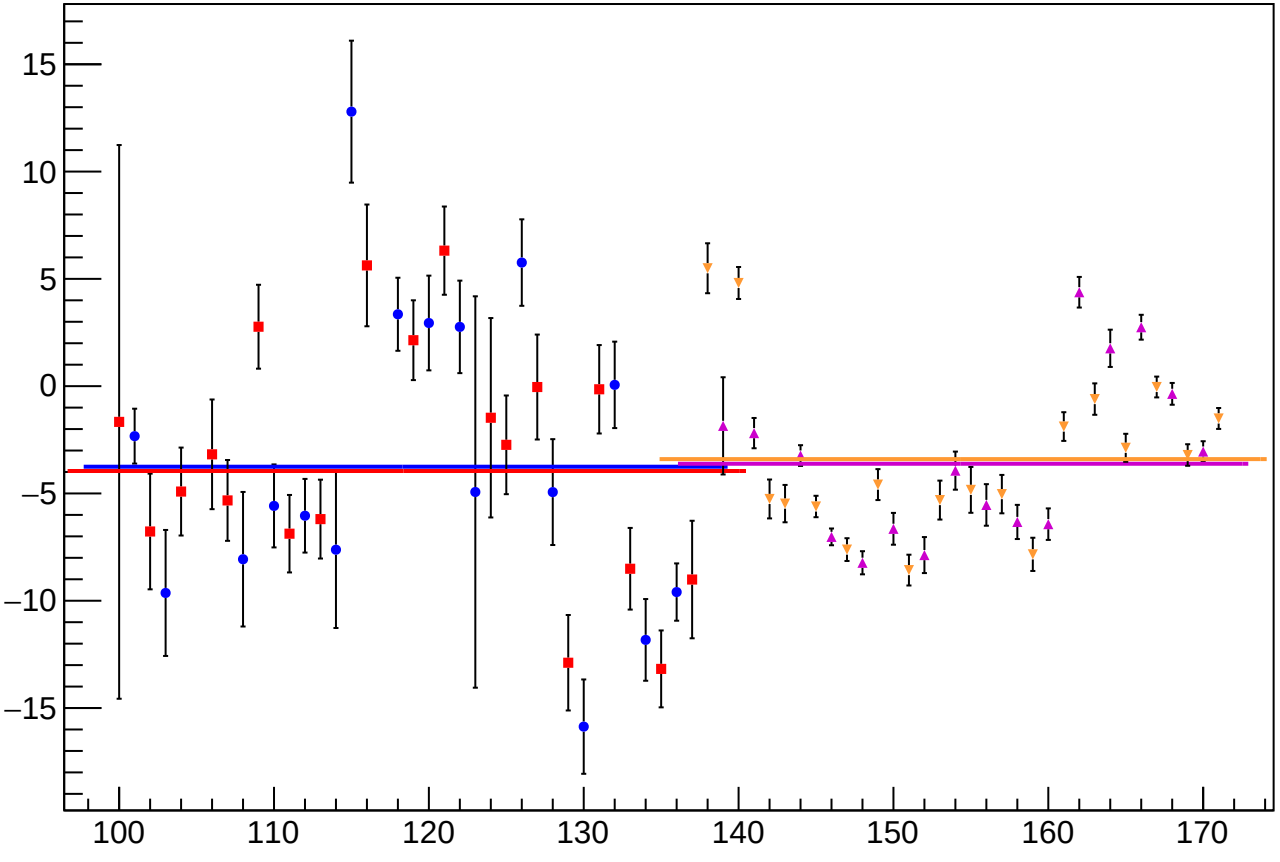
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.149+/-0.218 χ^2/NDF:2657.0/15

Out: -31.970+/-0.215 χ^2/NDF:2170.1/17

All: -31.071+/-0.153 χ^2/NDF: 4862.4/33

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -3.400+/-0.157 χ^2/NDF:453.1/17

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -3.616+/-0.158 χ^2/NDF:554.7/15

Left: -3.507+/-0.112 χ^2/NDF: 1008.7/33

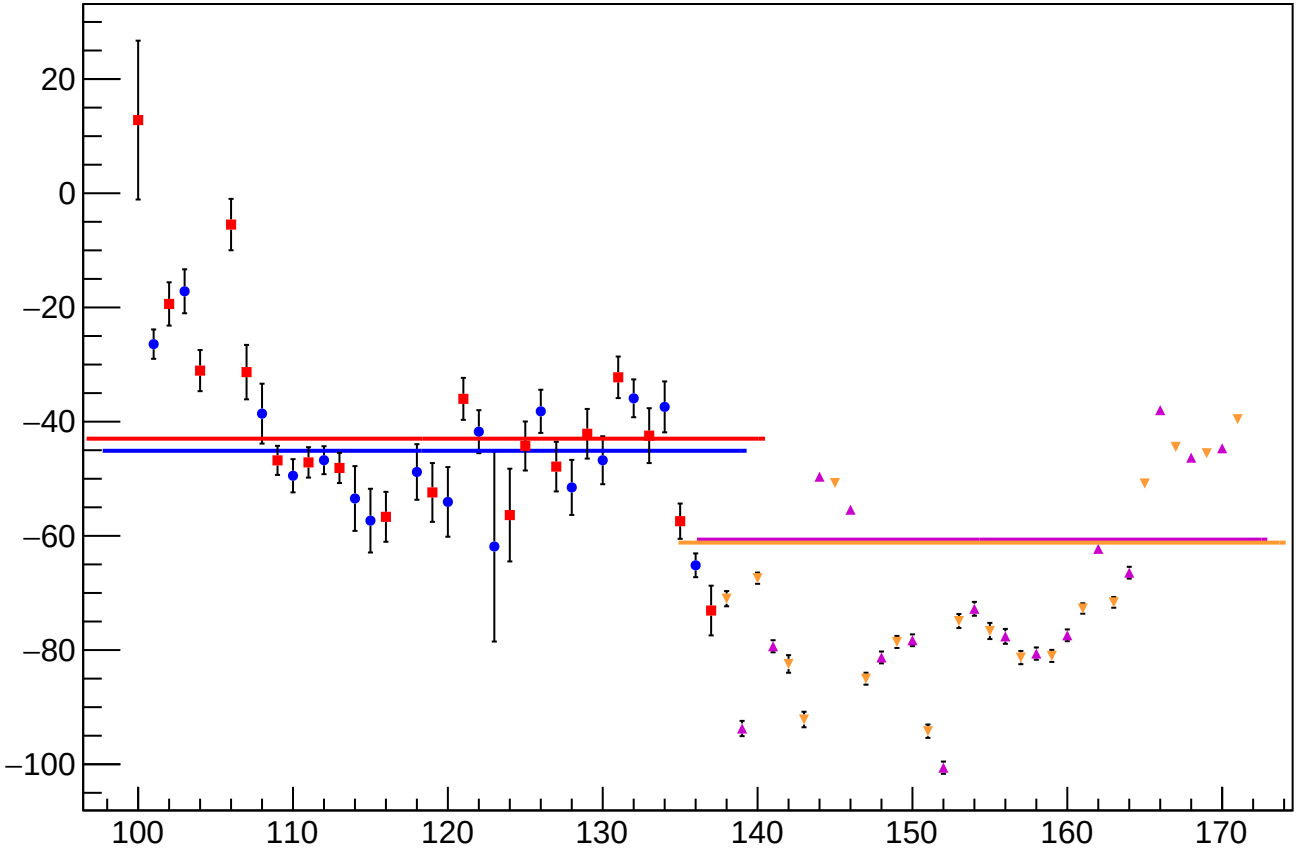
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -3.629+/-0.151 χ^2/NDF:720.1/32

Out: -3.449+/-0.150 χ^2/NDF:577.5/36

All: -3.539+/-0.106 χ^2/NDF: 1298.3/69

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -61.184+/-0.215 χ^2/NDF:6456.5/17

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -60.656+/-0.216 χ^2/NDF:6570.3/15

Left: -60.921+/-0.152 χ^2/NDF: 13029.9/33

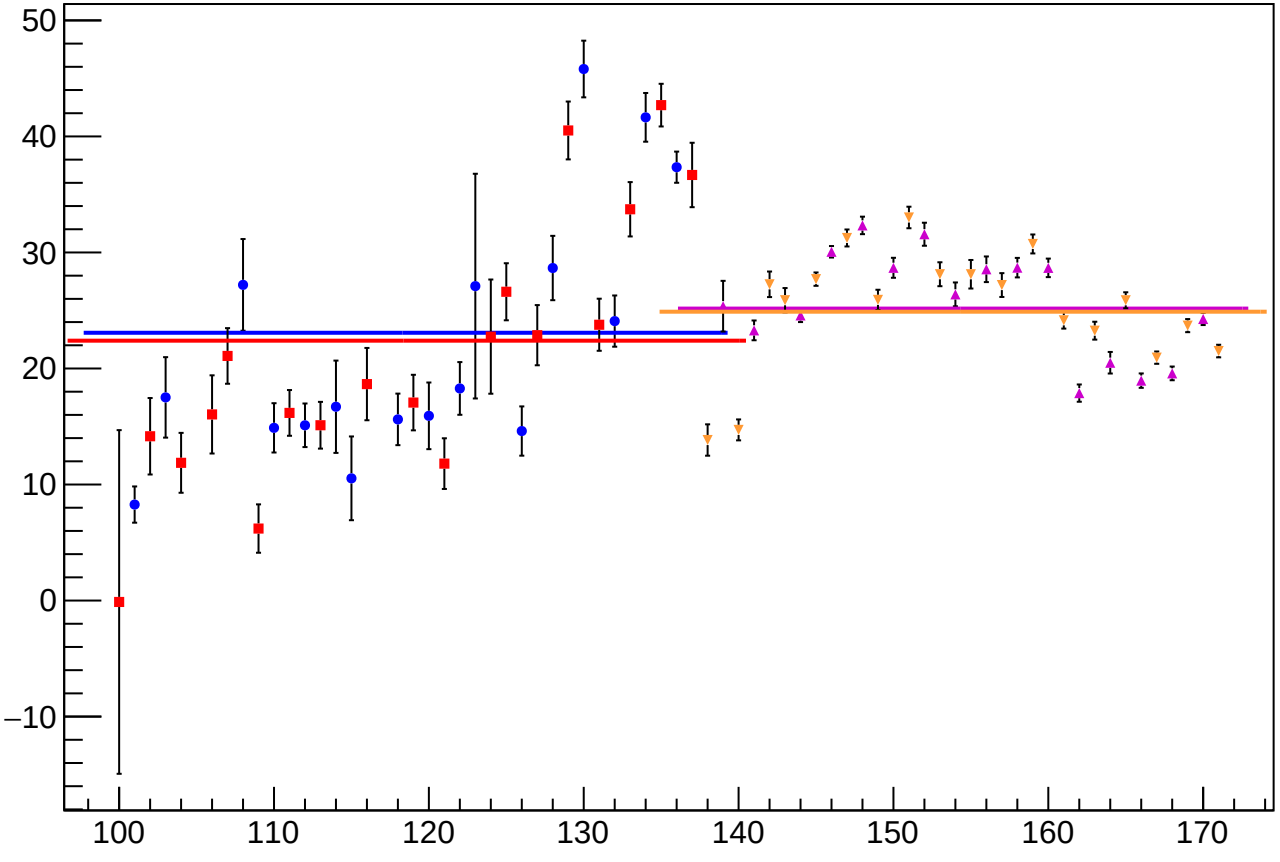
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -59.776+/-0.210 χ^2/NDF:7094.4/32

Out: -60.154+/-0.209 χ^2/NDF:7111.5/36

All: -59.966+/-0.148 χ^2/NDF: 14207.6/69

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 24.894+/-0.180 χ^2/NDF:556.4/17

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 25.162+/-0.184 χ^2/NDF:613.8/15

Left: 25.026+/-0.129 χ^2/NDF: 1171.2/33

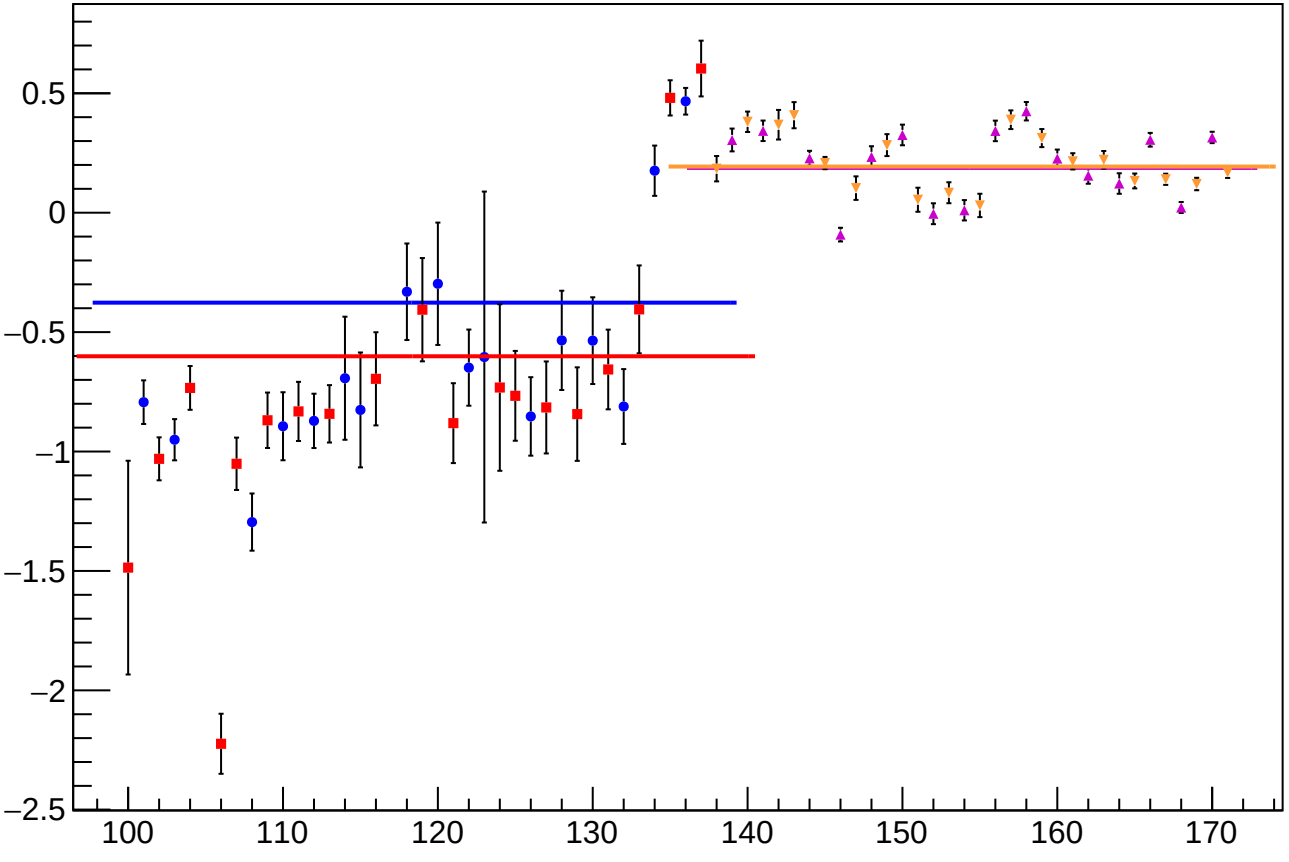
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 24.957+/-0.174 χ^2/NDF:1087.6/32

Out: 24.669+/-0.172 χ^2/NDF:944.0/36

All: 24.811+/-0.122 χ^2/NDF: 2032.9/69

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.193+/-0.008 χ^2/NDF:129.1/17

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.188+/-0.009 χ^2/NDF:316.1/15

Left: 0.190+/-0.006 χ^2/NDF: 445.4/33

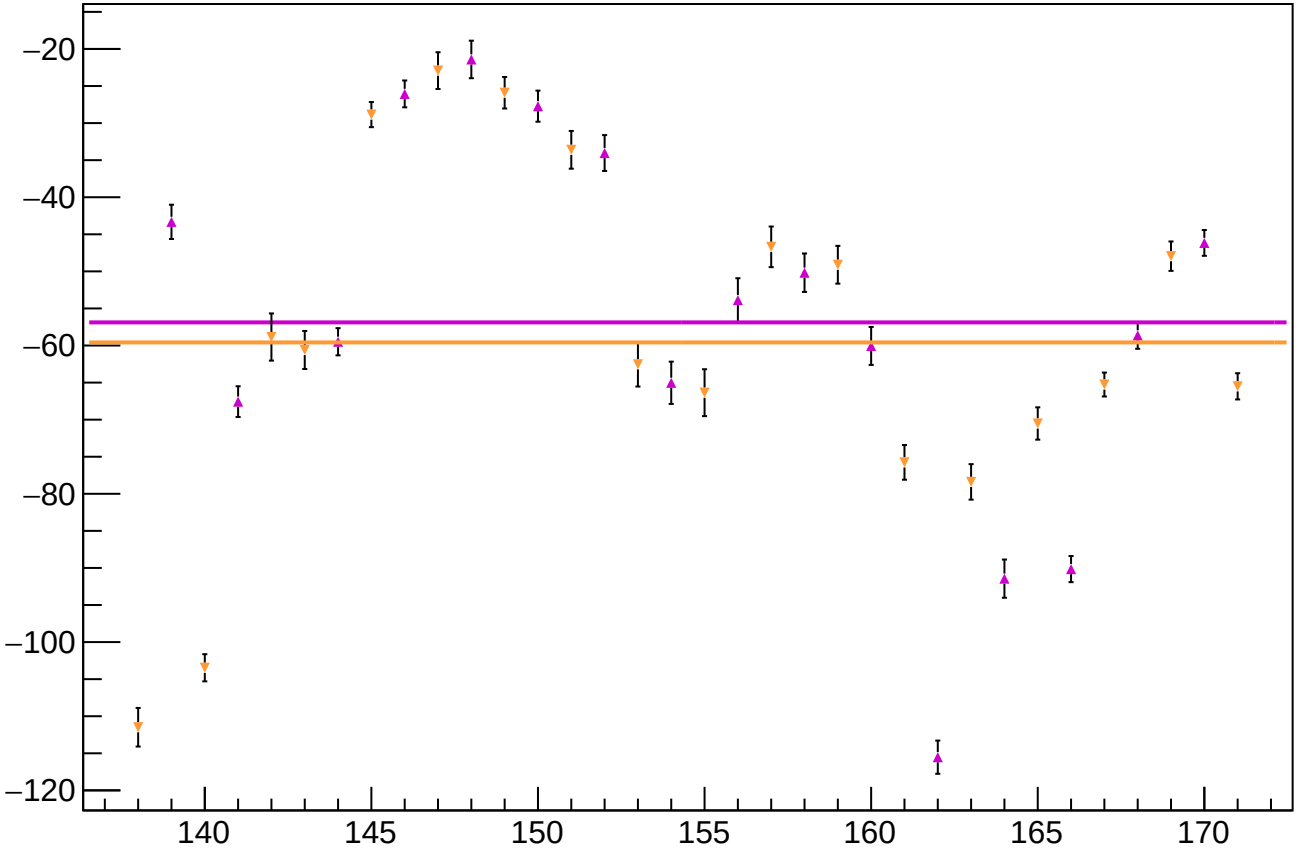
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.145+/-0.008 χ^2/NDF:1078.6/32

Out: 0.137+/-0.008 χ^2/NDF:1328.8/36

All: 0.141+/-0.006 χ^2/NDF: 2407.9/69

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -59.583+/-0.526 χ^2/NDF:2111.2/17

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

Left In: -56.880+/-0.540 χ^2/NDF:2110.5/15

Left: -58.267+/-0.377 χ^2/NDF: 4234.6/33

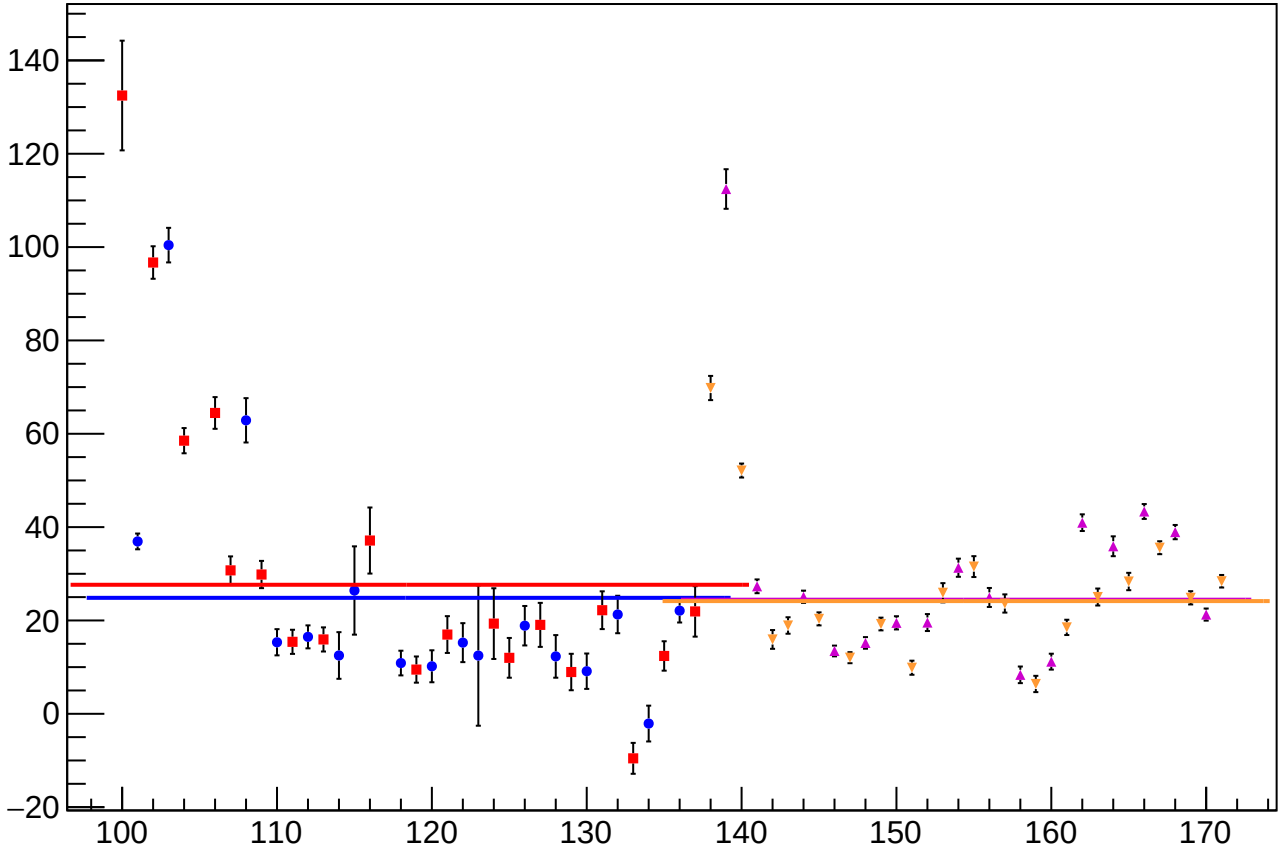
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.880+/-0.540 χ^2/NDF:2110.5/15

Out: -59.583+/-0.526 χ^2/NDF:2111.2/17

All: -58.267+/-0.377 χ^2/NDF: 4234.6/33

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 24.150+/-0.380 χ^2/NDF:1108.9/17

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 24.449+/-0.395 χ^2/NDF:1105.6/15

Left: 24.294+/-0.274 χ^2/NDF: 2214.8/33

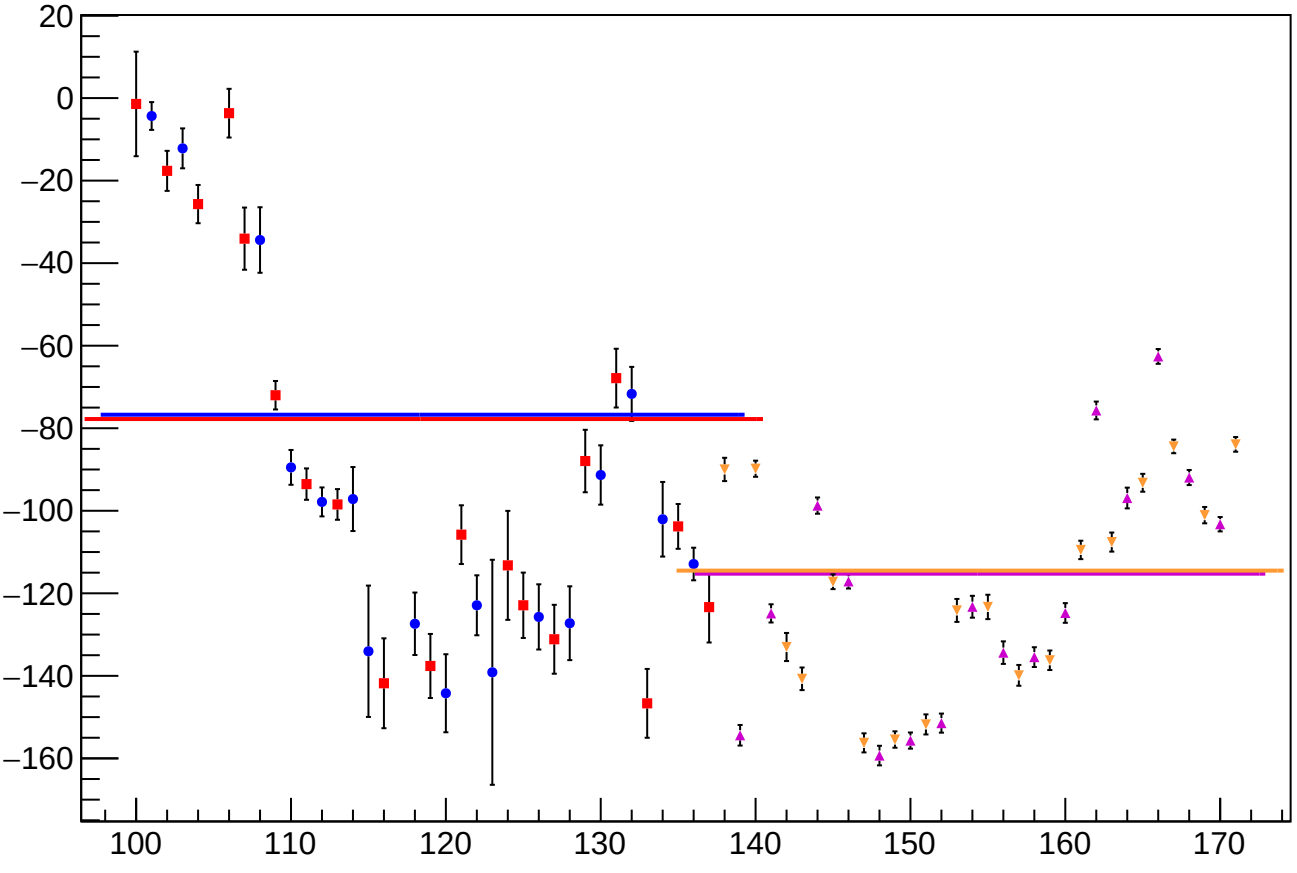
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 24.527+/-0.354 χ^2/NDF:1796.7/32

Out: 24.781+/-0.344 χ^2/NDF:2133.3/36

All: 24.658+/-0.247 χ^2/NDF: 3930.2/69

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -114.502+/-0.524 χ^2/NDF:2335.3/17

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -115.239+/-0.533 χ^2/NDF:2957.3/15

Left: -114.864+/-0.374 χ^2/NDF: 5293.6/33

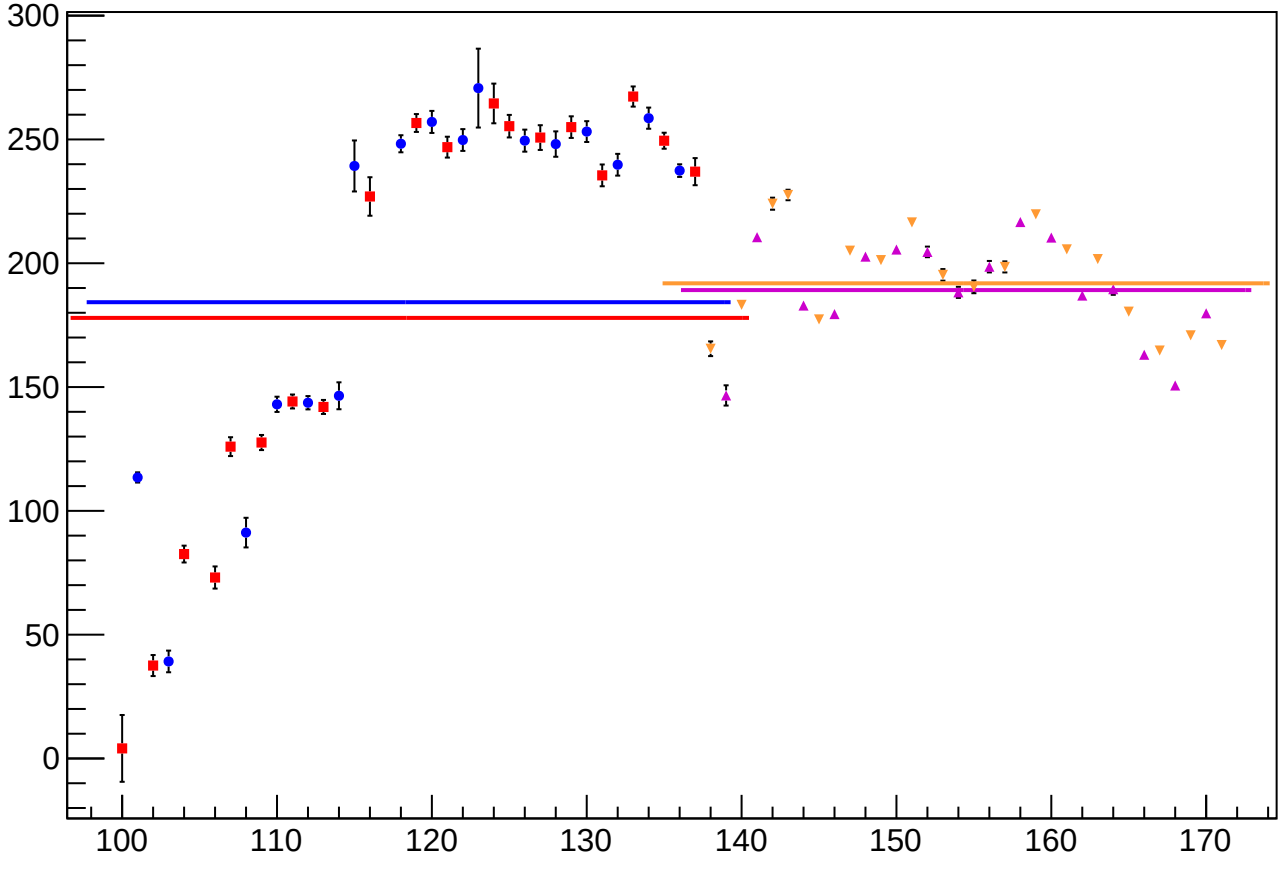
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -110.435+/-0.499 χ^2/NDF:4650.2/32

Out: -109.714+/-0.488 χ^2/NDF:3848.6/36

All: -110.067+/-0.349 χ^2/NDF: 8499.9/69

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 191.892+/-0.439 χ^2/NDF:2037.7/17

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 189.162+/-0.456 χ^2/NDF:1638.9/15

Left: 190.578+/-0.316 χ^2/NDF: 3695.1/33

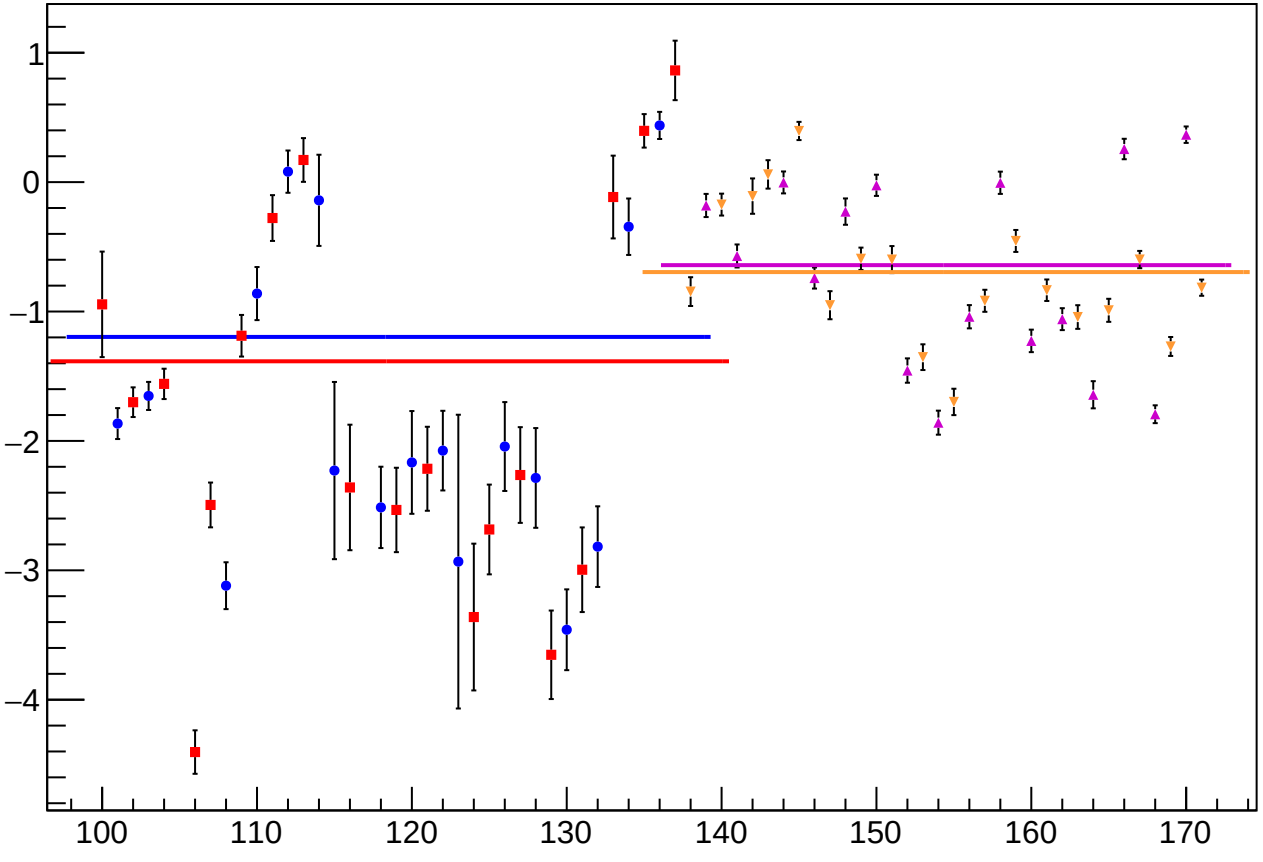
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 188.187+/-0.408 χ^2/NDF:7062.8/32

Out: 189.316+/-0.397 χ^2/NDF:8554.8/36

All: 188.767+/-0.285 χ^2/NDF: 15621.6/69

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.695+/-0.020 χ^2/NDF:605.0/17

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.642+/-0.021 χ^2/NDF:1300.7/15

Left: -0.669+/-0.015 χ^2/NDF: 1909.0/33

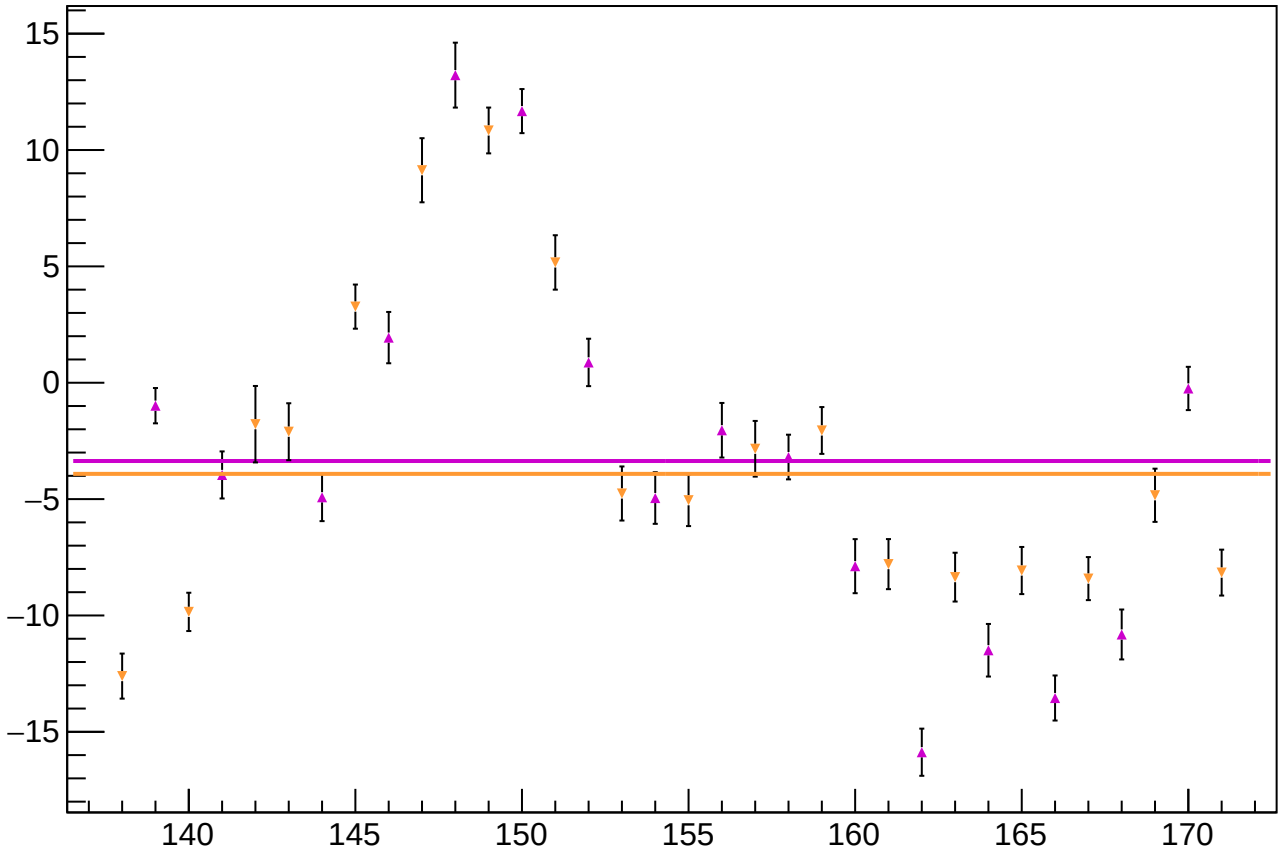
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.731+/-0.019 χ^2/NDF:2035.4/32

Out: -0.809+/-0.019 χ^2/NDF:1718.7/36

All: -0.772+/-0.013 χ^2/NDF: 3762.7/69

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -3.916+/-0.251 χ^2/NDF:665.1/17

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

Left In: -3.363+/-0.256 χ^2/NDF:839.2/15

Left: -3.645+/-0.179 χ^2/NDF: 1506.6/33

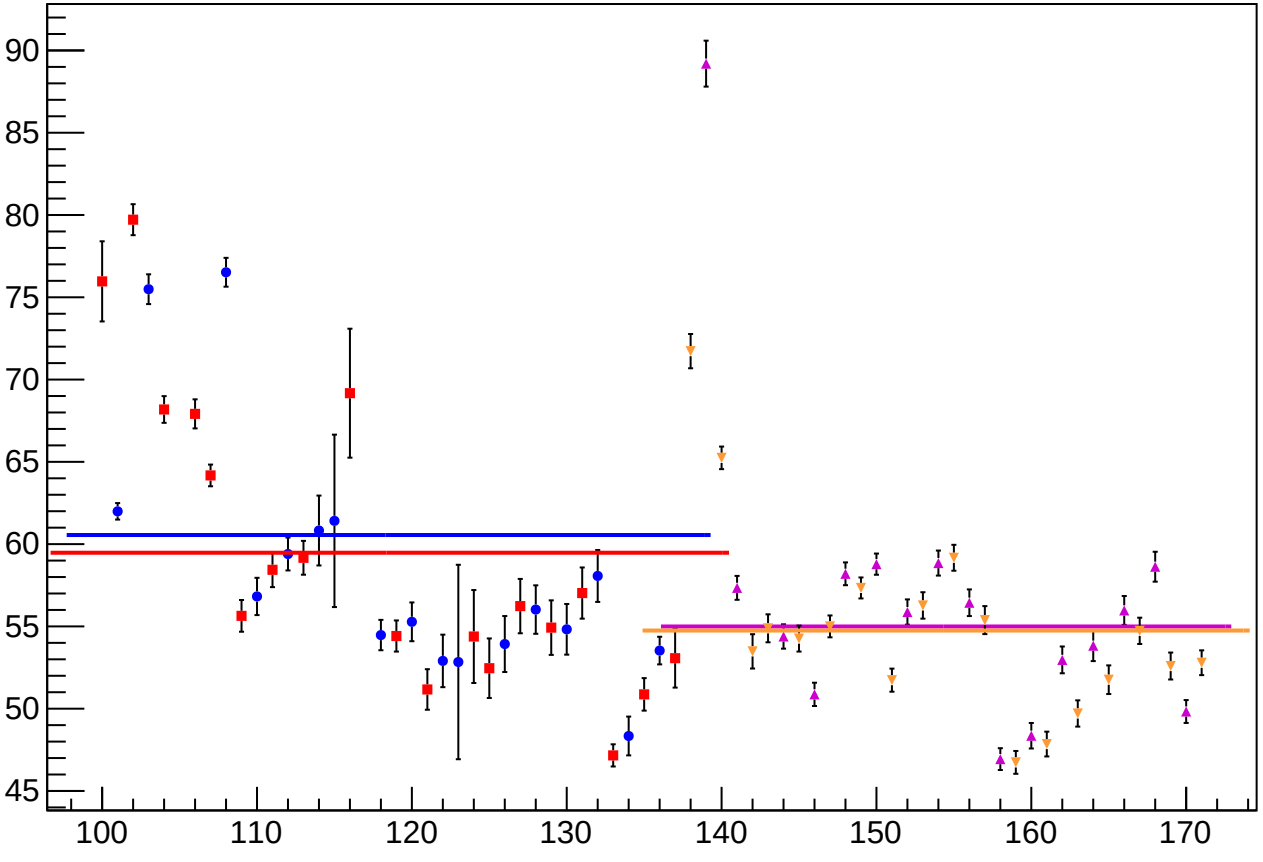
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.363+/-0.256 χ^2/NDF:839.2/15

Out: -3.916+/-0.251 χ^2/NDF:665.1/17

All: -3.645+/-0.179 χ^2/NDF: 1506.6/33

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 54.749+/-0.183 χ^2/NDF:854.8/17

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 54.995+/-0.193 χ^2/NDF:1032.8/15

Left: 54.866+/-0.133 χ^2/NDF: 1888.5/33

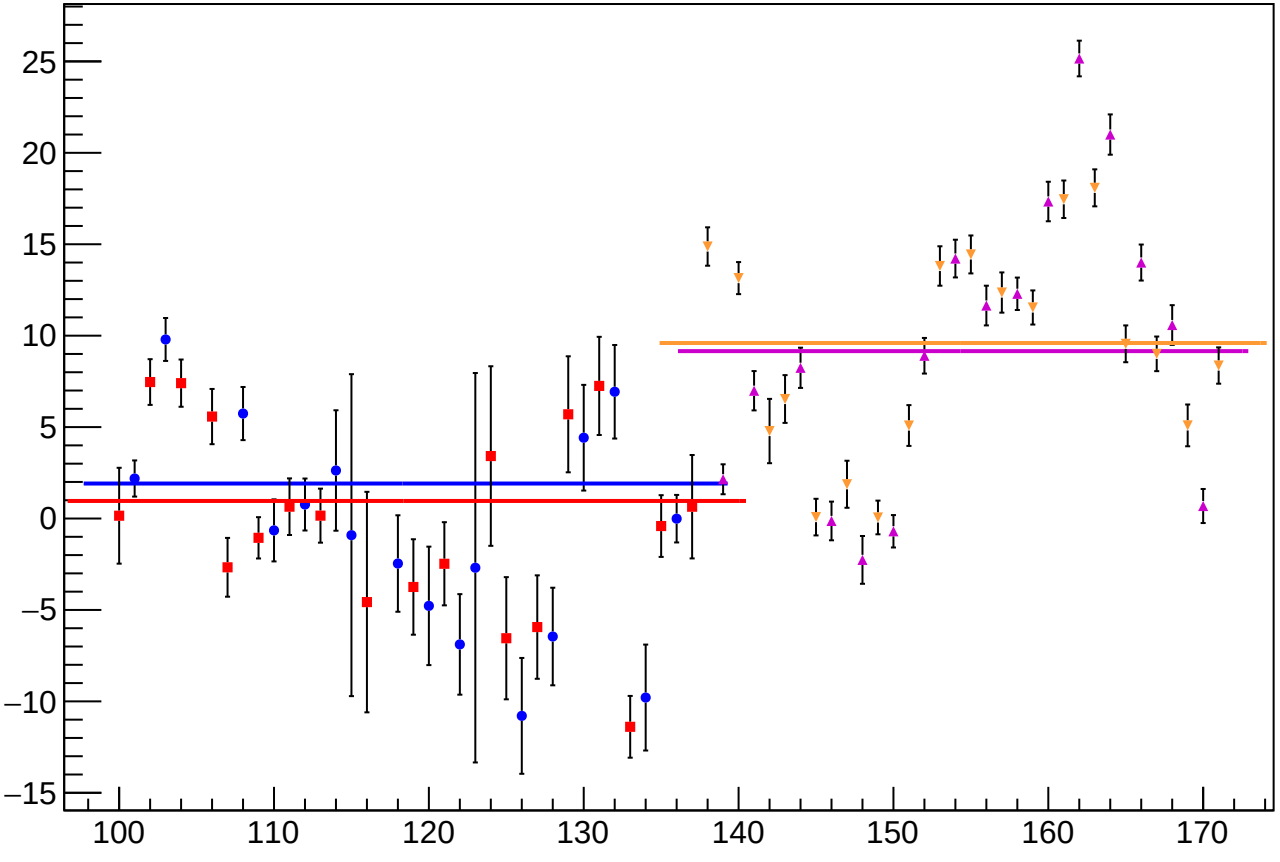
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 56.955+/-0.155 χ^2/NDF:2256.1/32

Out: 56.419+/-0.147 χ^2/NDF:2407.1/36

All: 56.673+/-0.107 χ^2/NDF: 4669.4/69

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 9.599+/-0.248 χ^2/NDF:499.1/17

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 9.155+/-0.251 χ^2/NDF:947.7/15

Left: 9.380+/-0.177 χ^2/NDF: 1448.4/33

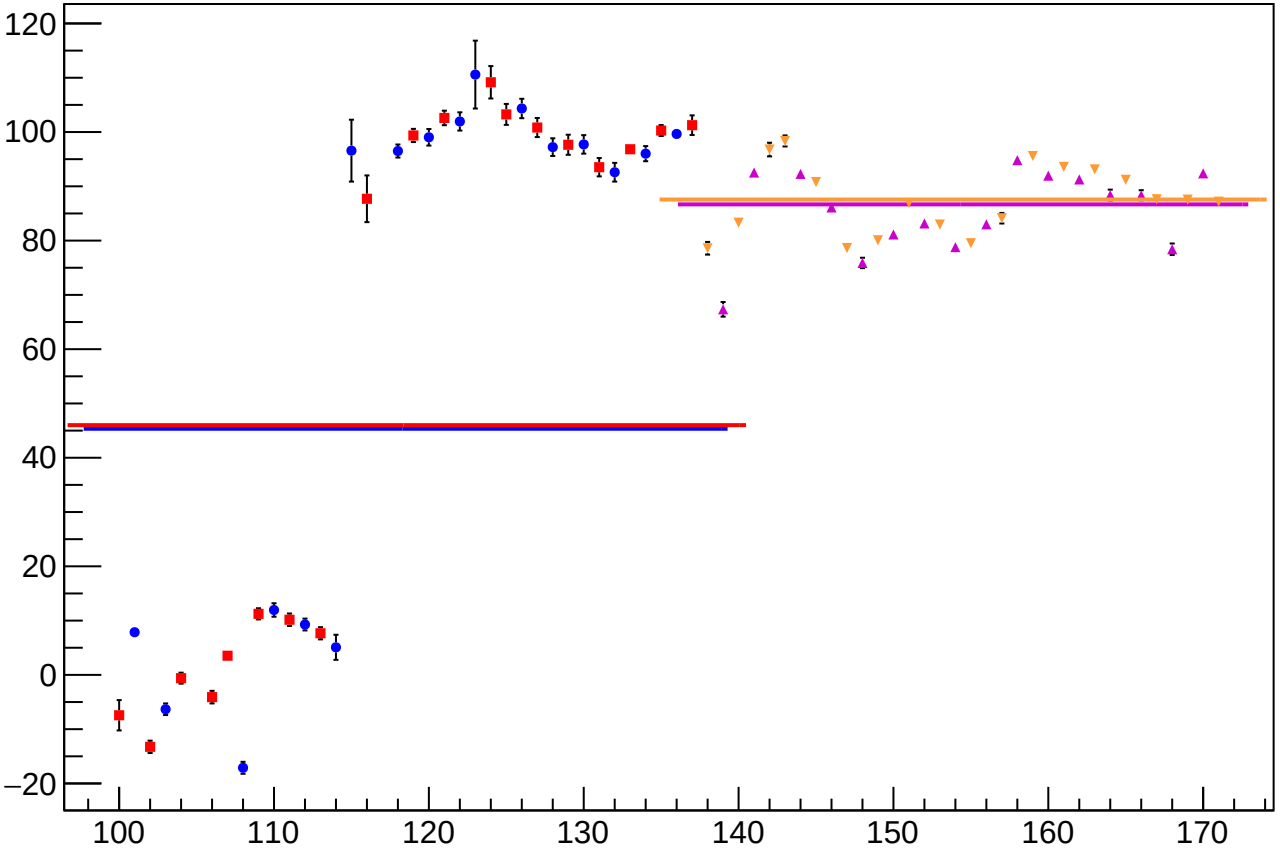
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 7.476+/-0.220 χ^2/NDF:1261.5/32

Out: 7.401+/-0.214 χ^2/NDF:957.8/36

All: 7.437+/-0.154 χ^2/NDF: 2219.4/69

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.567+/-0.210 χ^2/NDF:811.6/17

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.672+/-0.220 χ^2/NDF:917.5/15

Left: 87.139+/-0.152 χ^2/NDF: 1737.8/33

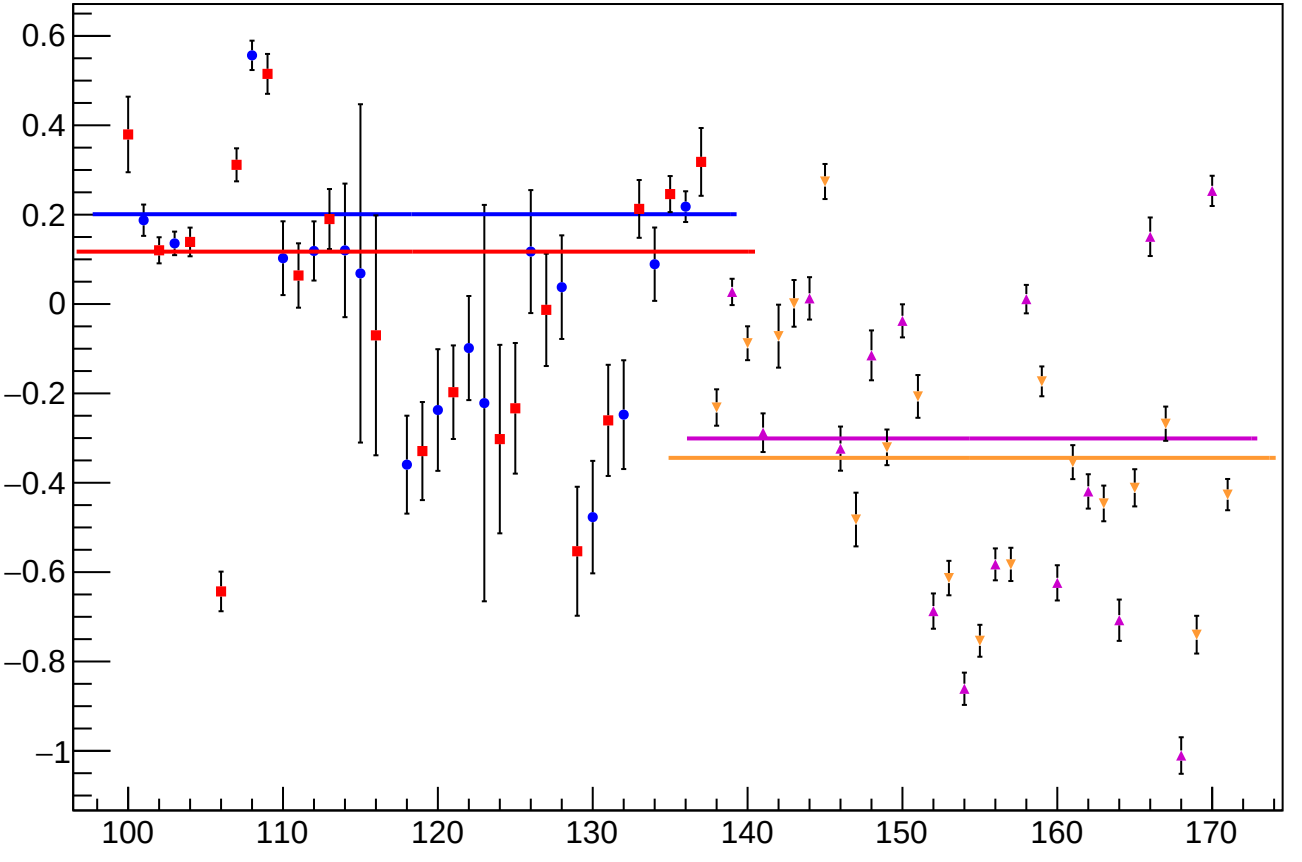
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 72.460+/-0.178 χ^2/NDF:38175.6/32

Out: 73.227+/-0.170 χ^2/NDF:42532.7/36

All: 72.861+/-0.123 χ^2/NDF: 80718.0/69

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.344+/-0.010 χ^2/NDF:728.2/17

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.301+/-0.010 χ^2/NDF:1557.1/15

Left: -0.323+/-0.007 χ^2/NDF: 2295.4/33

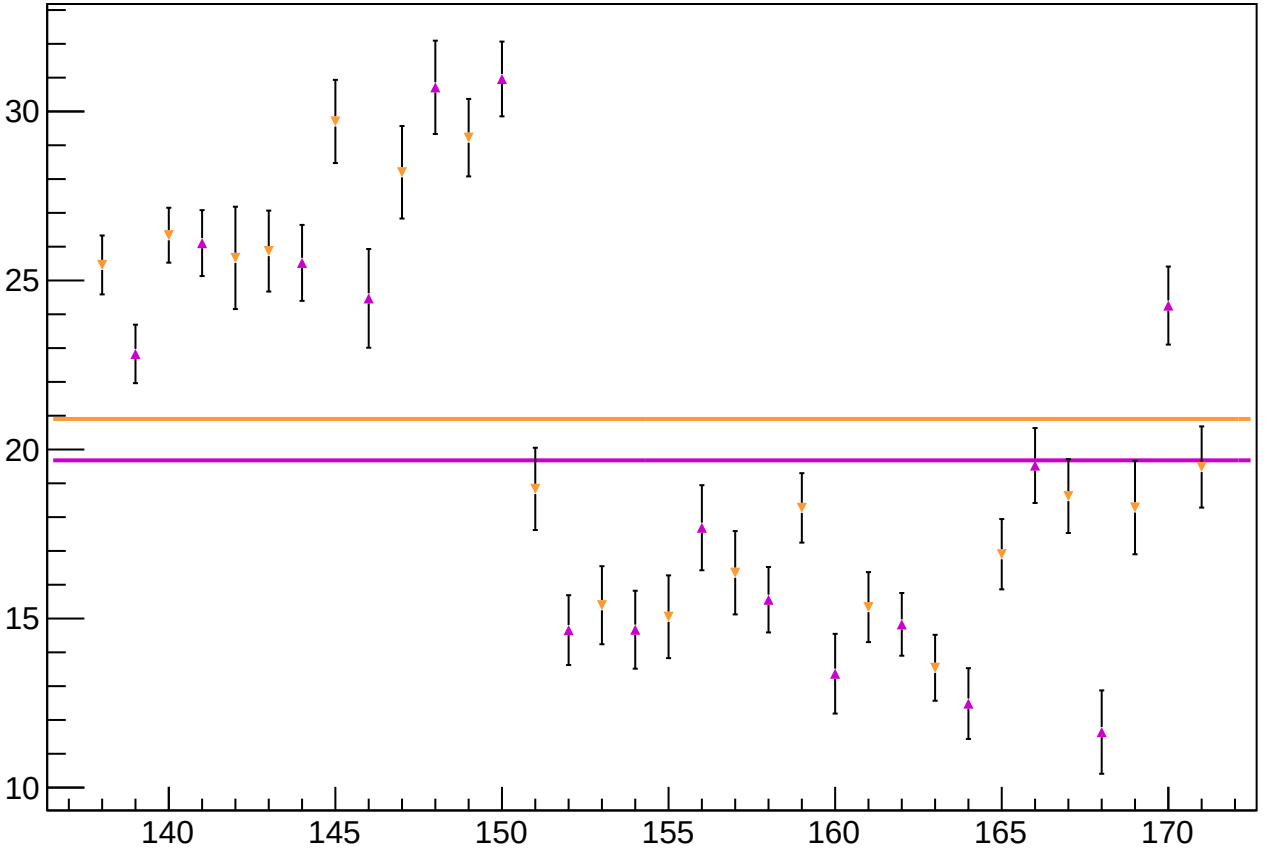
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.138+/-0.008 χ^2/NDF:2638.6/32

Out: -0.182+/-0.008 χ^2/NDF:2043.5/36

All: -0.161+/-0.006 χ^2/NDF: 4697.9/69

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 20.904+/-0.262 χ^2/NDF:410.3/17

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

Left In: 19.680+/-0.273 χ^2/NDF:487.0/15

Left: 20.318+/-0.189 χ^2/NDF: 907.8/33

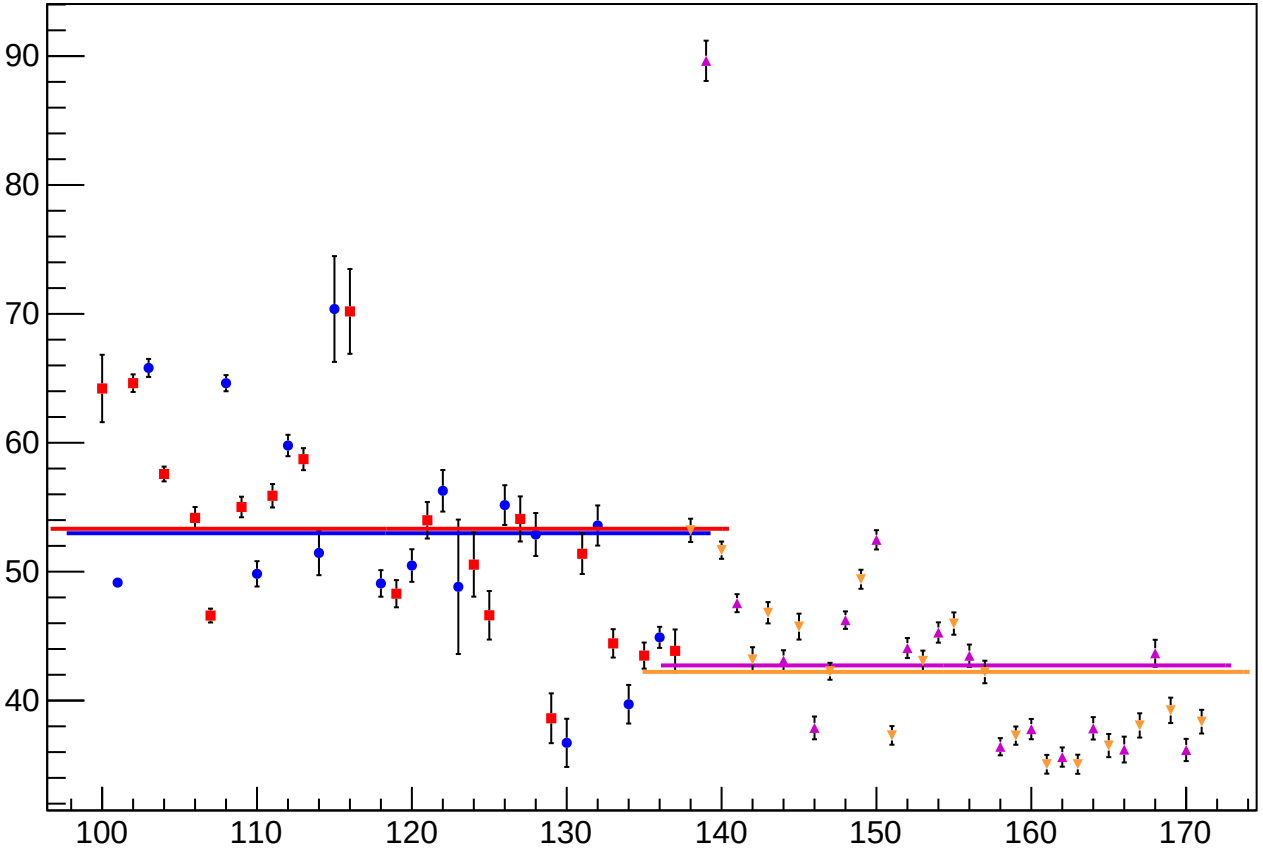
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.680+/-0.273 χ^2/NDF:487.0/15

Out: 20.904+/-0.262 χ^2/NDF:410.3/17

All: 20.318+/-0.189 χ^2/NDF: 907.8/33

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 42.224+/-0.190 χ^2/NDF:877.7/17

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 42.725+/-0.204 χ^2/NDF:1541.7/15

Left: 42.458+/-0.139 χ^2/NDF: 2422.7/33

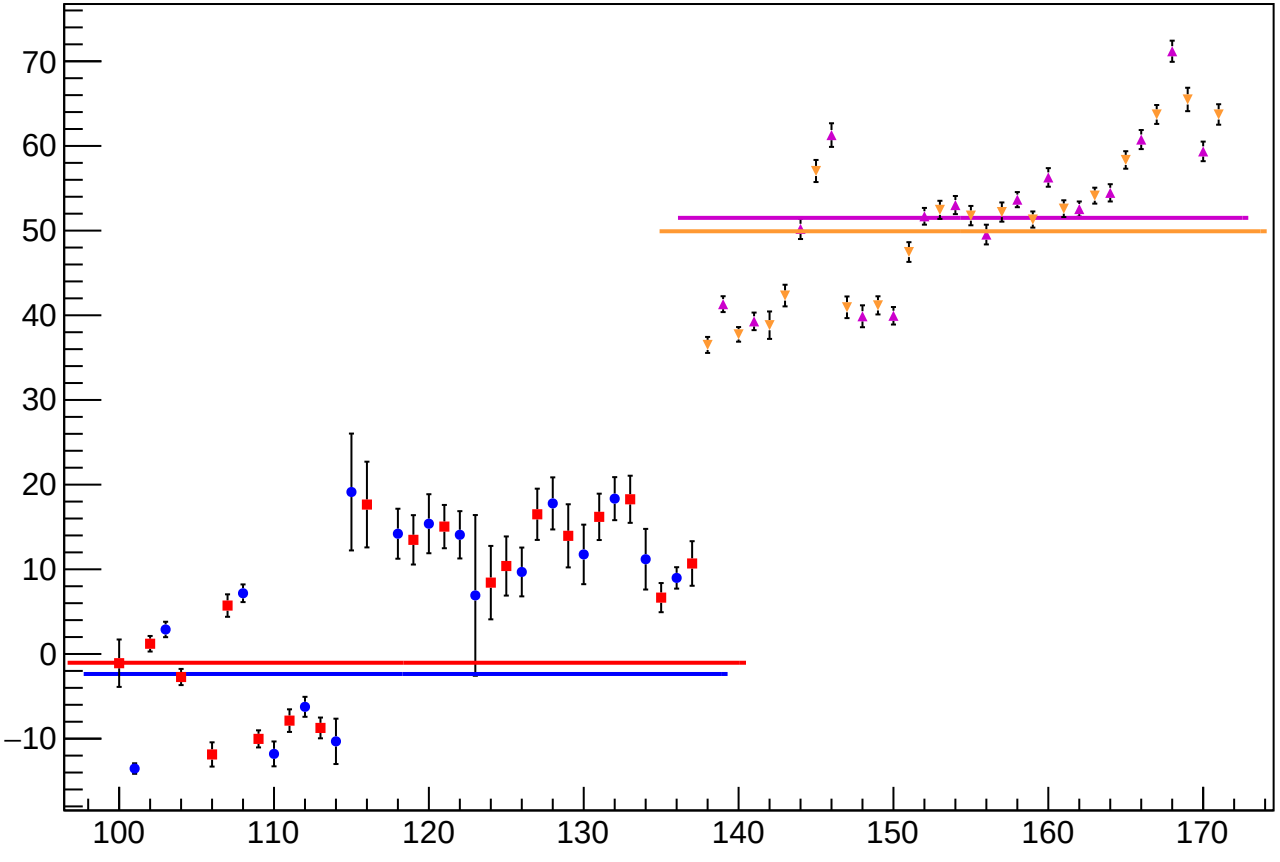
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 47.693+/-0.146 χ^2/NDF:3967.5/32

Out: 46.817+/-0.146 χ^2/NDF:3157.1/36

All: 47.254+/-0.103 χ^2/NDF: 7142.5/69

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 49.922+/-0.259 χ^2/NDF:1149.7/17

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 51.506+/-0.268 χ^2/NDF:914.4/15

Left: 50.688+/-0.186 χ^2/NDF: 2082.2/33

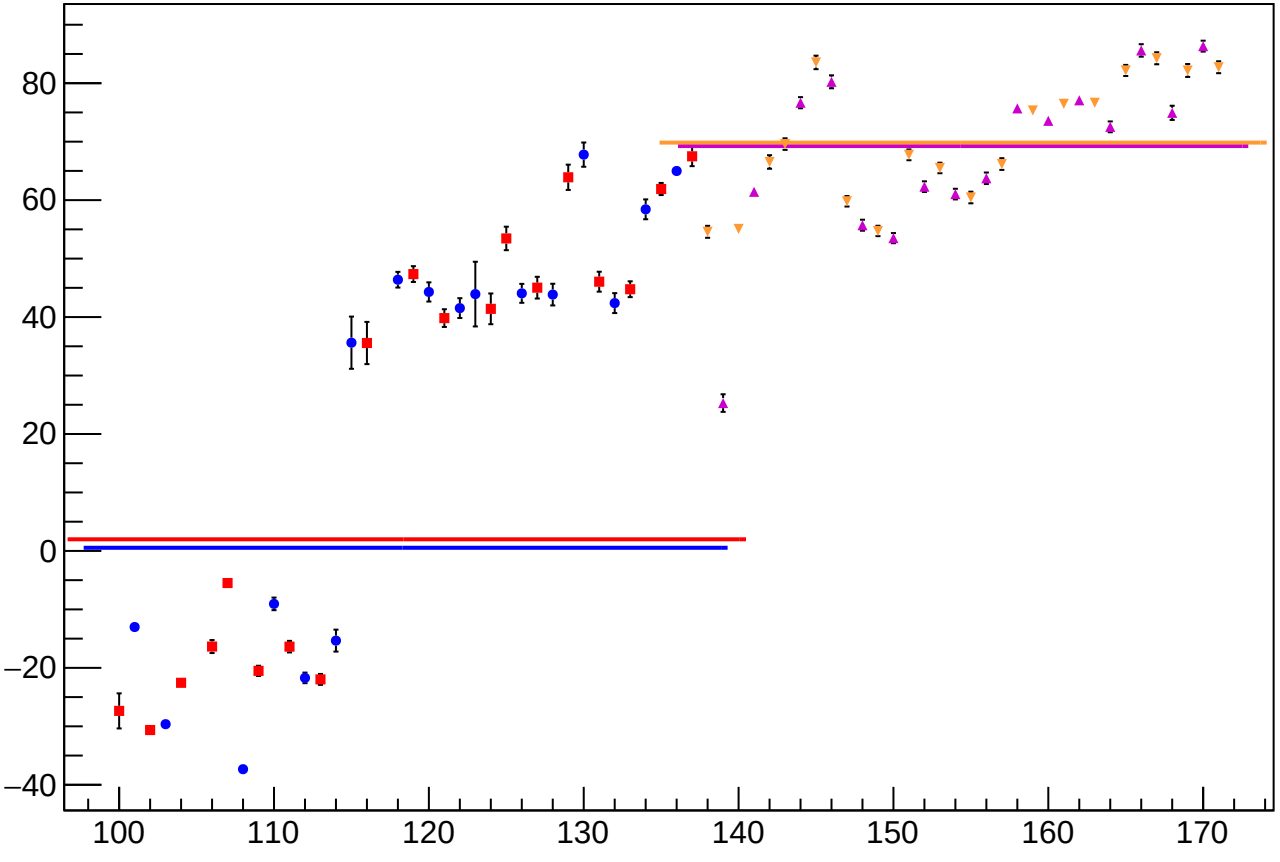
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 32.551+/-0.216 χ^2/NDF:15963.1/32

Out: 33.552+/-0.214 χ^2/NDF:14064.0/36

All: 33.057+/-0.152 χ^2/NDF: 30038.0/69

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 69.841+/-0.219 χ^2/NDF:2102.1/17

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 69.250+/-0.232 χ^2/NDF:2618.5/15

Left: 69.563+/-0.159 χ^2/NDF: 4724.0/33

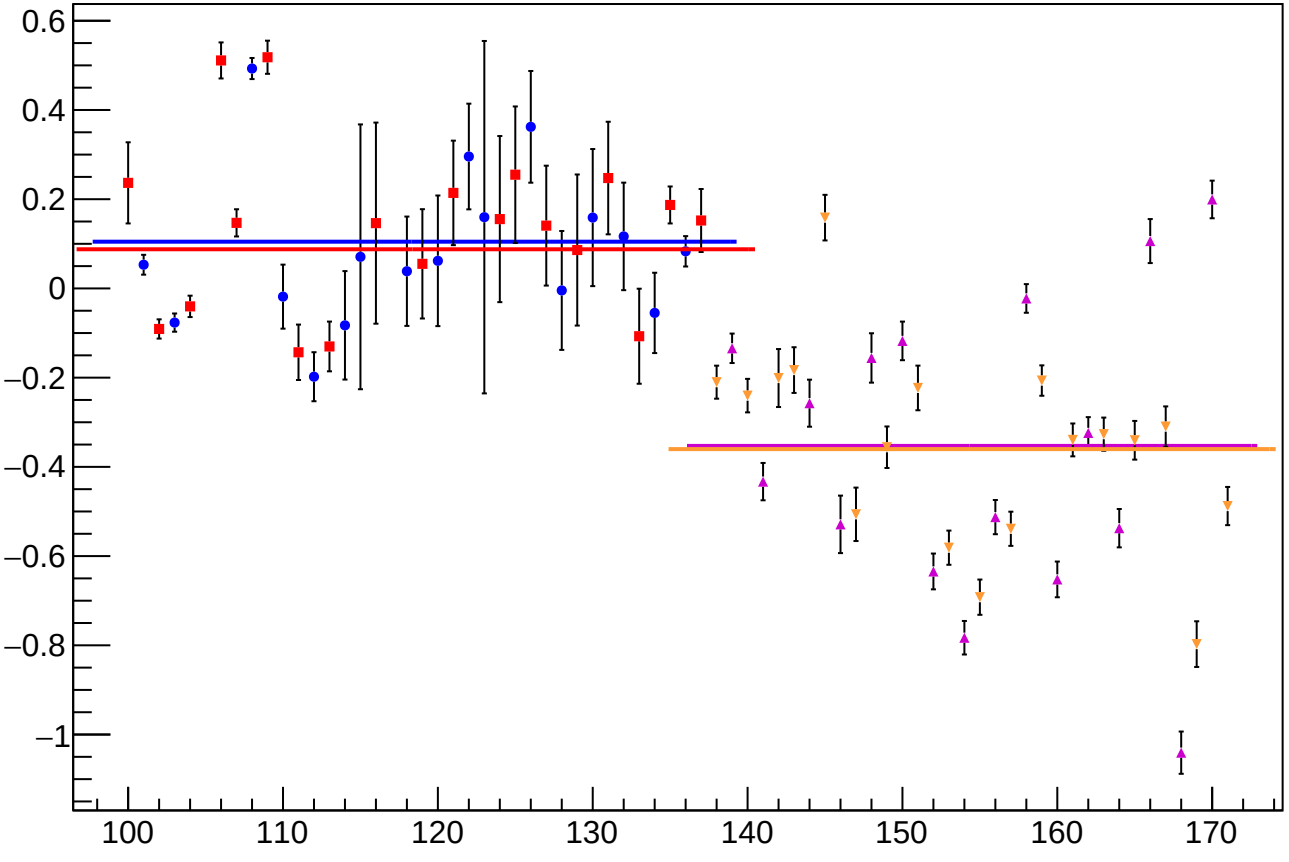
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 37.011+/-0.169 χ^2/NDF:62212.6/32

Out: 42.488+/-0.169 χ^2/NDF:56263.6/36

All: 39.746+/-0.120 χ^2/NDF: 119000.8/69

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.360+/-0.010 χ^2/NDF:391.3/17

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.353+/-0.010 χ^2/NDF:948.3/15

Left: -0.357+/-0.007 χ^2/NDF: 1339.8/33

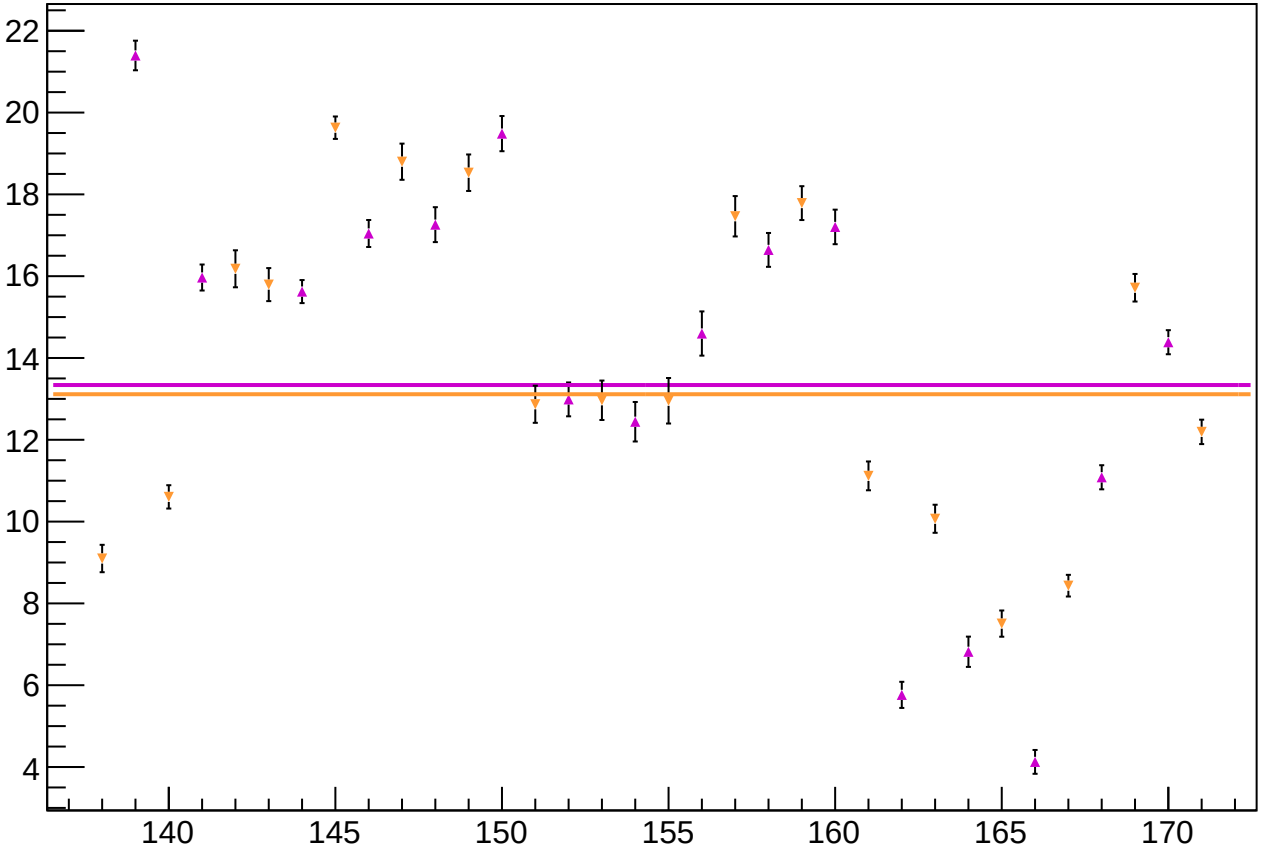
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.138+/-0.008 χ^2/NDF:2263.9/32

Out: -0.156+/-0.007 χ^2/NDF:1683.7/36

All: -0.147+/-0.005 χ^2/NDF: 3950.3/69

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 13.114+/-0.085 χ^2/NDF:2192.7/17

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

Left In: 13.339+/-0.089 χ^2/NDF:3145.2/15

Left: 13.222+/-0.061 χ^2/NDF: 5341.3/33

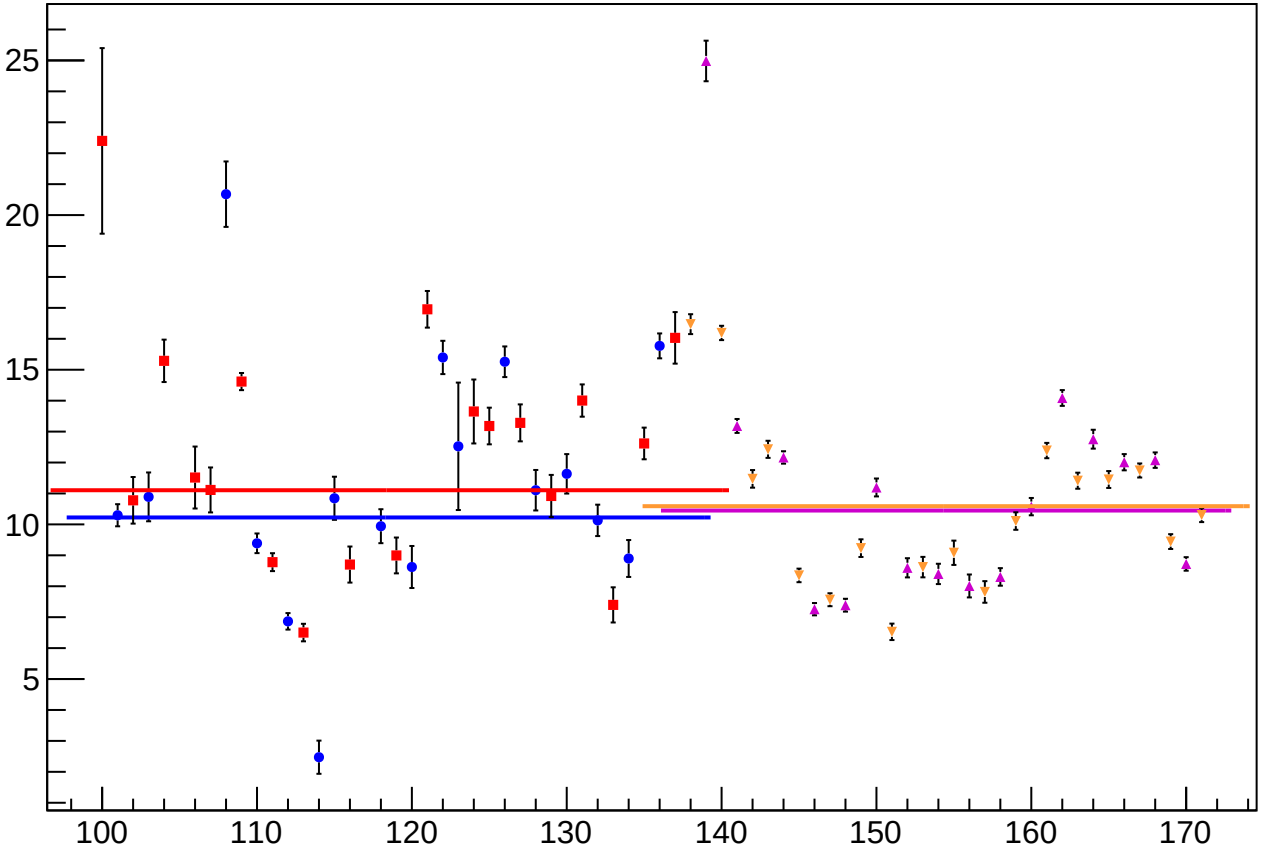
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.339+/-0.089 χ^2/NDF:3145.2/15

Out: 13.114+/-0.085 χ^2/NDF:2192.7/17

All: 13.222+/-0.061 χ^2/NDF: 5341.3/33

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.588+/-0.062 χ^2/NDF:1782.5/17

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 10.448+/-0.065 χ^2/NDF:1768.8/15

Left: 10.522+/-0.045 χ^2/NDF: 3553.8/33

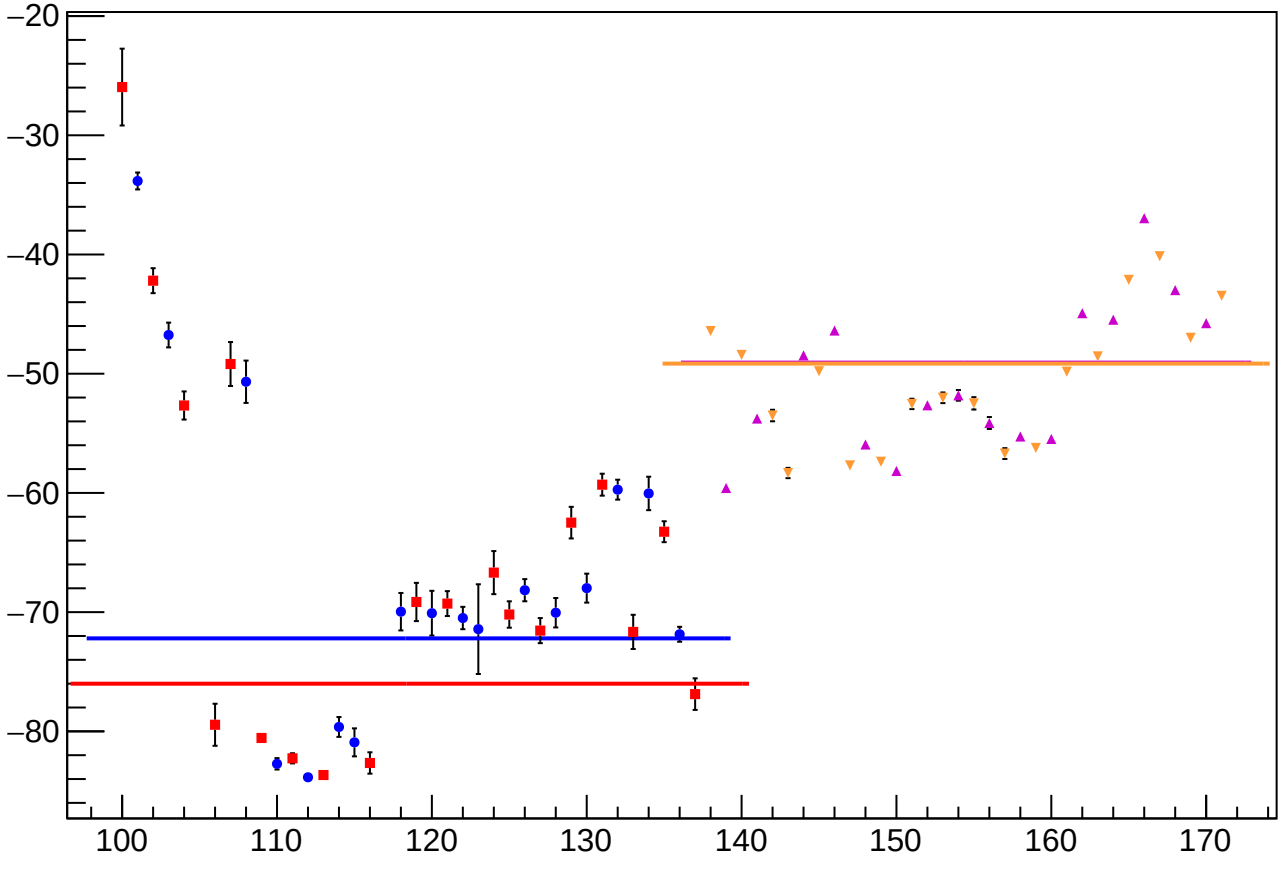
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 10.397+/-0.057 χ^2/NDF:2649.1/32

Out: 10.702+/-0.055 χ^2/NDF:2615.0/36

All: 10.556+/-0.039 χ^2/NDF: 5279.1/69

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -49.152+/-0.085 χ^2/NDF:4173.2/17

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -49.068+/-0.088 χ^2/NDF:5038.2/15

Left: -49.111+/-0.061 χ^2/NDF: 9211.9/33

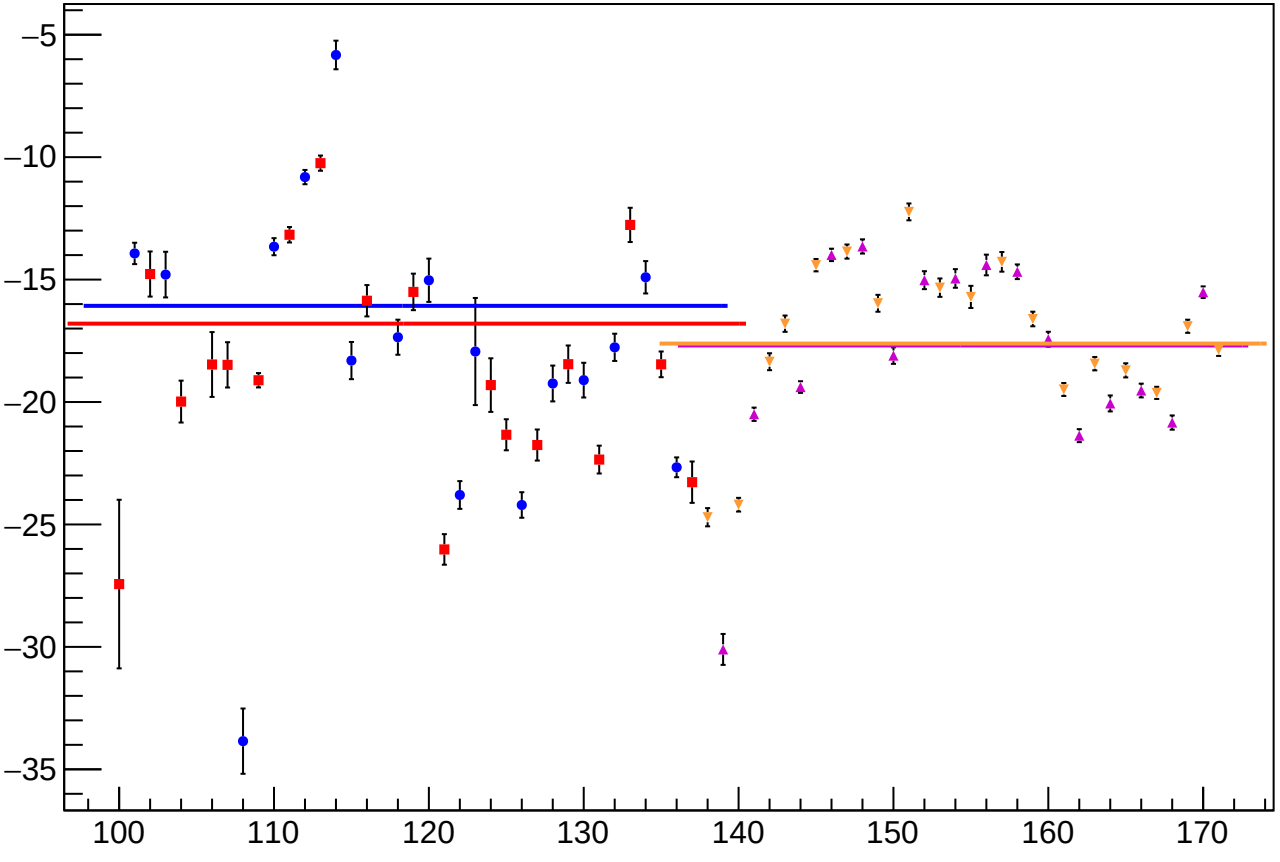
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -52.880+/-0.080 χ^2/NDF:22041.0/32

Out: -54.010+/-0.077 χ^2/NDF:25677.3/36

All: -53.469+/-0.056 χ^2/NDF: 47821.6/69

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.612+/-0.071 χ^2/NDF:1803.7/17

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -17.691+/-0.075 χ^2/NDF:1708.8/15

Left: -17.650+/-0.052 χ^2/NDF: 3513.0/33

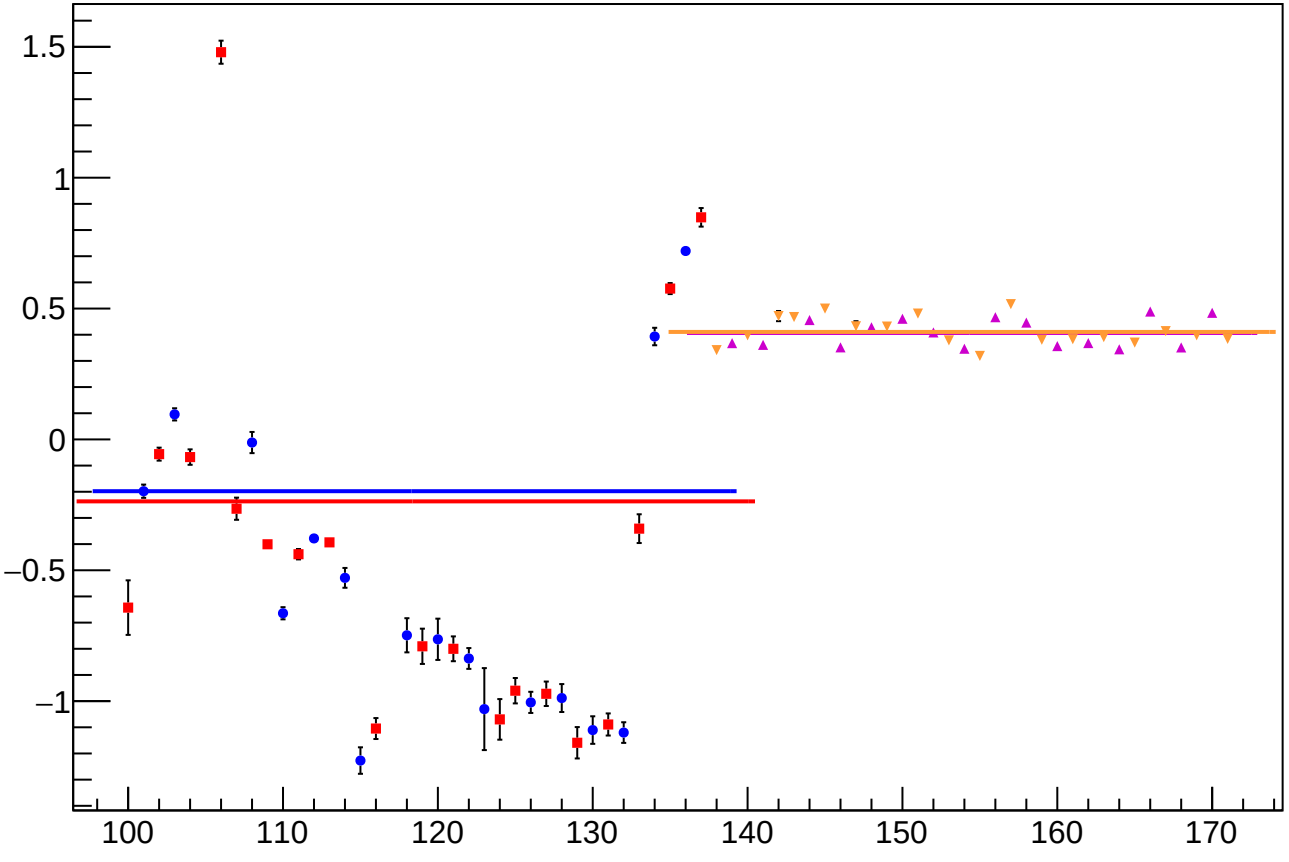
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -17.296+/-0.065 χ^2/NDF:3463.2/32

Out: -17.420+/-0.062 χ^2/NDF:3050.2/36

All: -17.361+/-0.045 χ^2/NDF: 6515.3/69

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.411+/-0.003 χ^2/NDF:228.9/17

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.407+/-0.003 χ^2/NDF:249.3/15

Left: 0.409+/-0.002 χ^2/NDF: 479.0/33

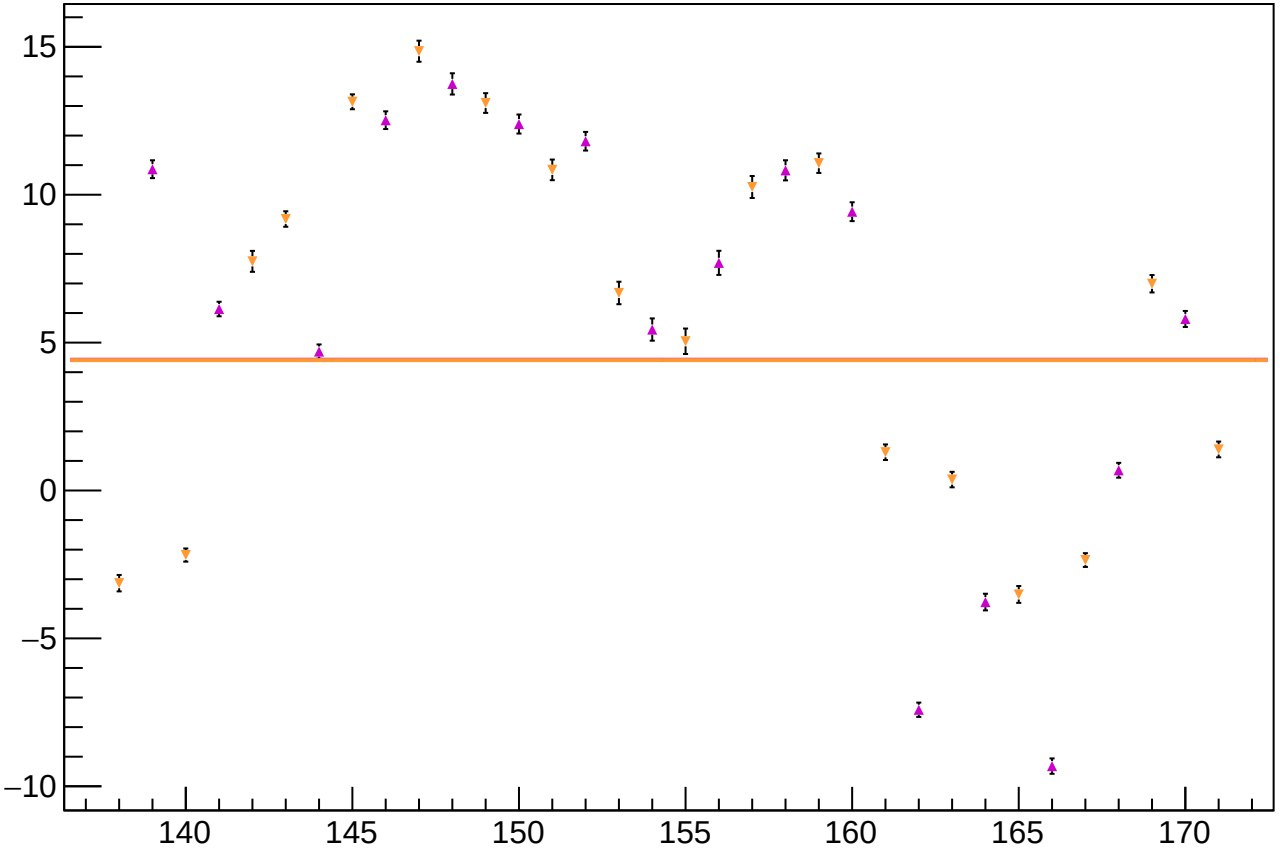
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.301+/-0.003 χ^2/NDF:11897.3/32

Out: 0.296+/-0.003 χ^2/NDF:13163.0/36

All: 0.299+/-0.002 χ^2/NDF: 25061.3/69

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 4.407+/-0.069 χ^2/NDF:8002.6/17

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

Left In: 4.420+/-0.073 χ^2/NDF:10017.5/15

Left: 4.413+/-0.050 χ^2/NDF: 18020.2/33

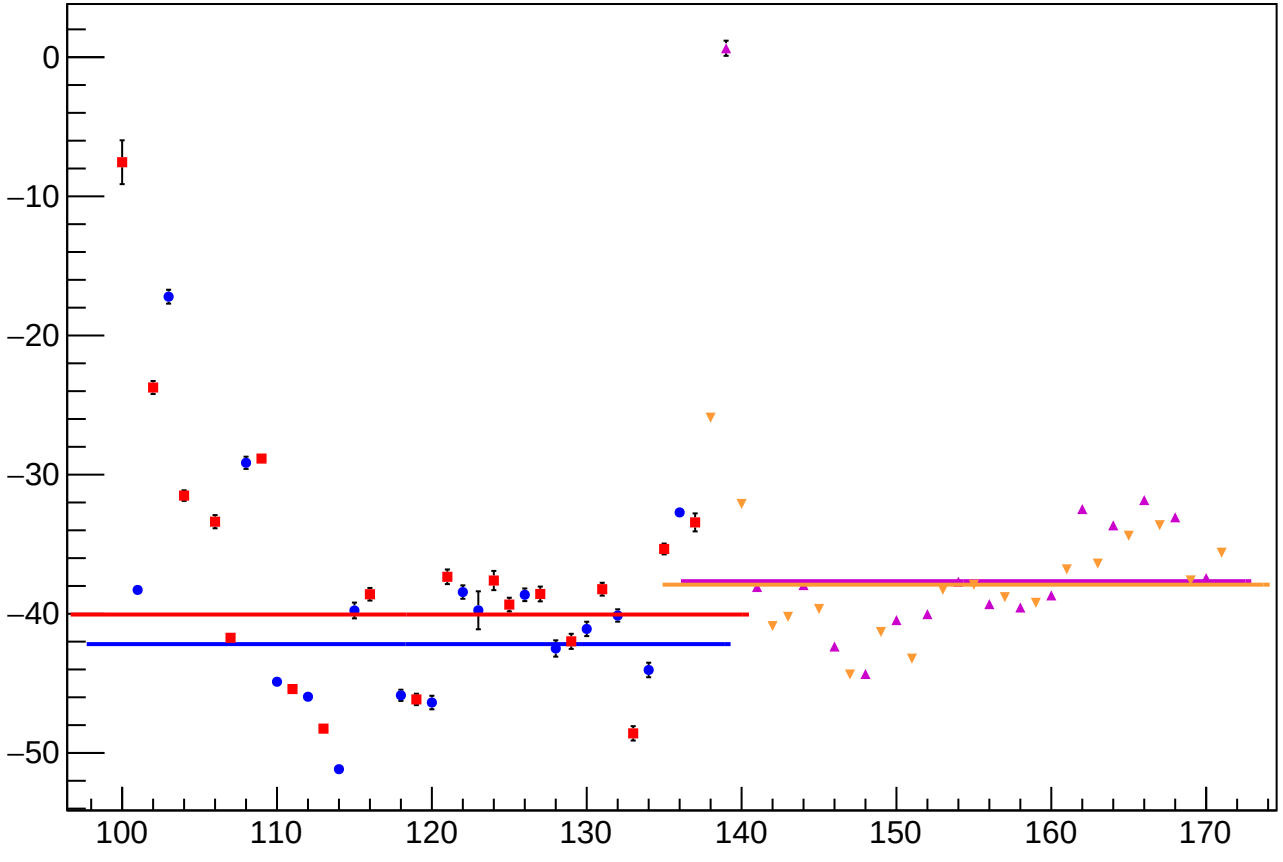
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.420+/-0.073 χ^2/NDF:10017.5/15

Out: 4.407+/-0.069 χ^2/NDF:8002.6/17

All: 4.413+/-0.050 χ^2/NDF: 18020.2/33

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -37.906+/-0.050 χ^2/NDF:6726.3/17

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -37.655+/-0.054 χ^2/NDF:9512.8/15

Left: -37.790+/-0.036 χ^2/NDF: 16250.8/33

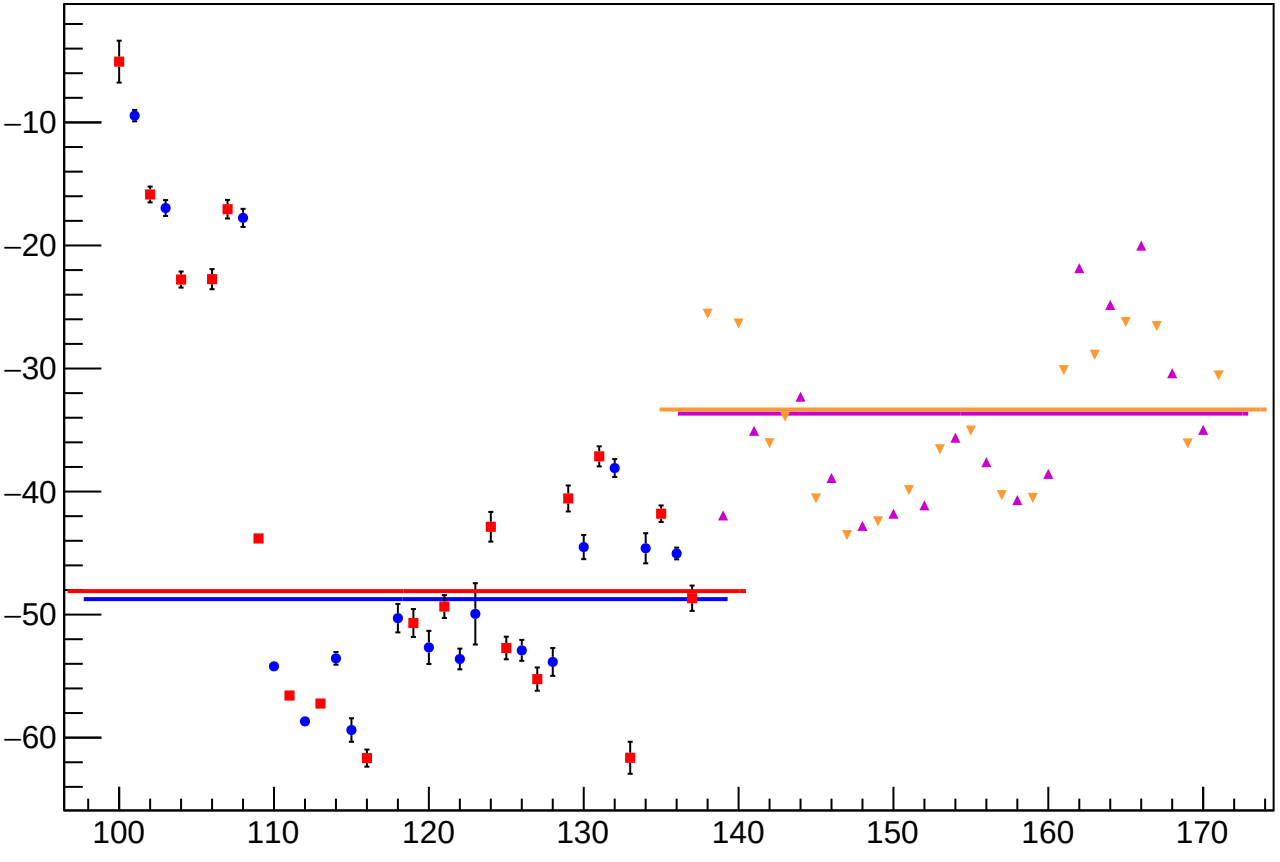
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -39.110+/-0.044 χ^2/NDF:18382.2/32

Out: -38.592+/-0.041 χ^2/NDF:18631.1/36

All: -38.833+/-0.030 χ^2/NDF: 37086.9/69

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -33.330+/-0.069 χ^2/NDF:7668.5/17

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -33.665+/-0.072 χ^2/NDF:10470.8/15

Left: -33.490+/-0.050 χ^2/NDF: 18150.7/33

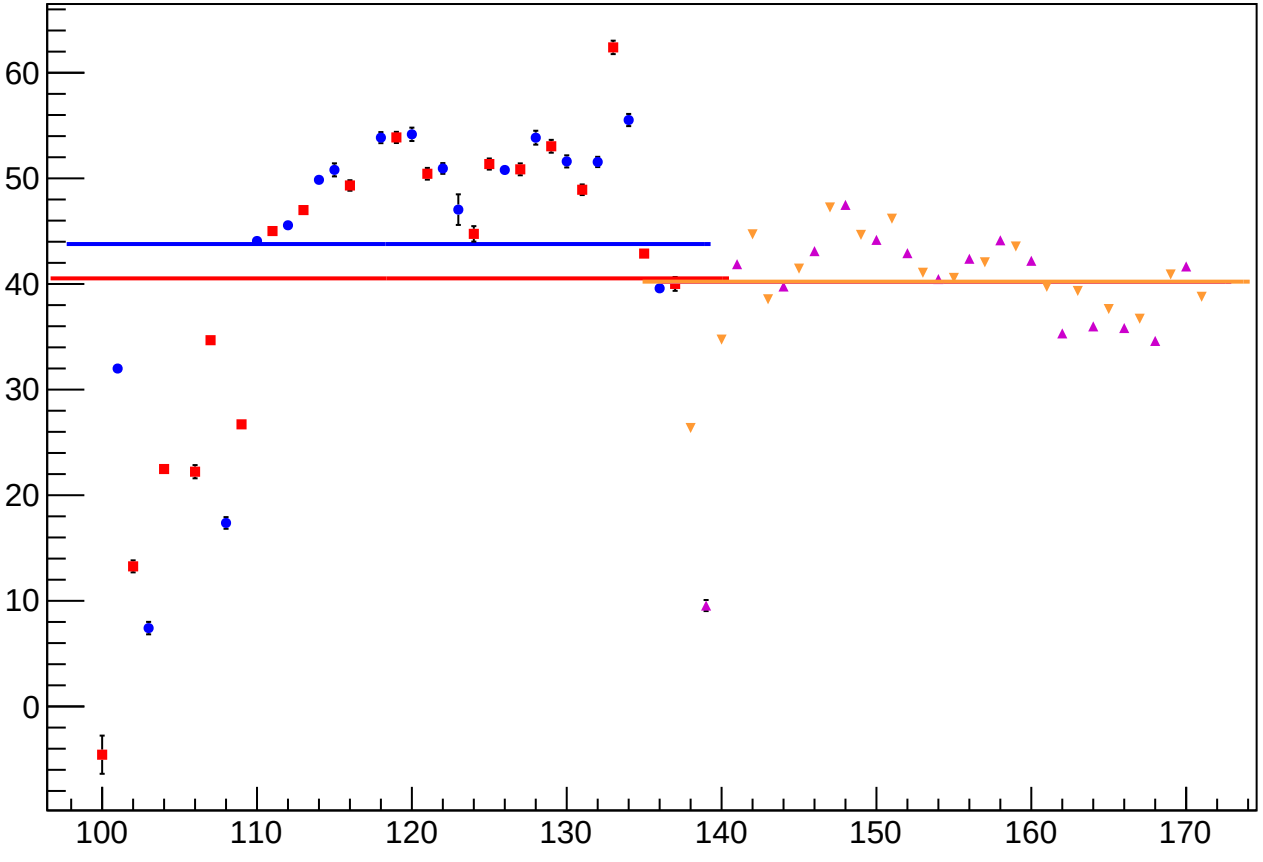
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -37.438+/-0.062 χ^2/NDF:36139.4/32

Out: -37.638+/-0.058 χ^2/NDF:32821.9/36

All: -37.545+/-0.042 χ^2/NDF: 68966.8/69

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.221+/-0.058 χ^2/NDF:5355.2/17

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 40.188+/-0.062 χ^2/NDF:6977.9/15

Left: 40.206+/-0.042 χ^2/NDF: 12333.3/33

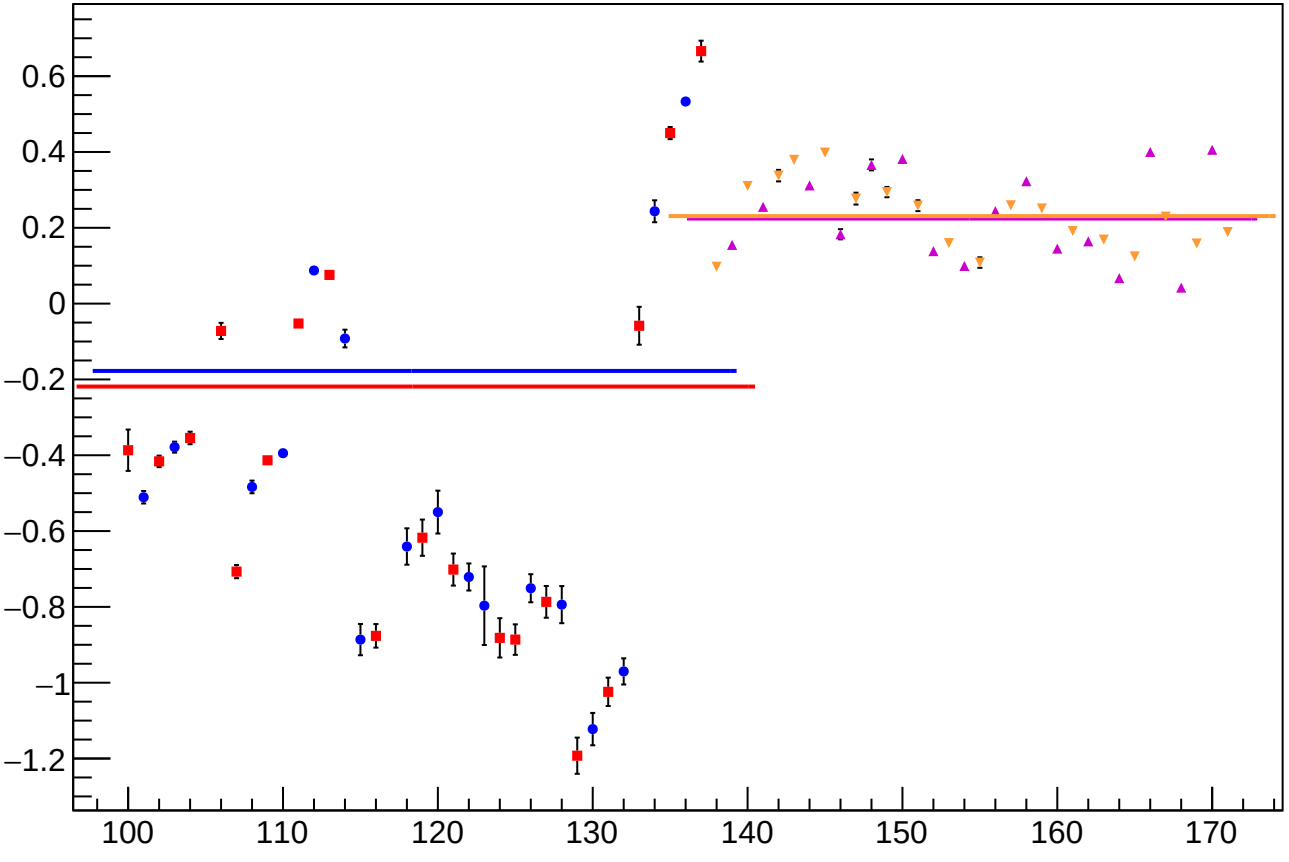
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 41.392+/-0.050 χ^2/NDF:18761.4/32

Out: 40.326+/-0.047 χ^2/NDF:22945.7/36

All: 40.822+/-0.034 χ^2/NDF: 41948.7/69

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.231+/-0.003 χ^2/NDF:1015.9/17

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.224+/-0.003 χ^2/NDF:1800.4/15

Left: 0.228+/-0.002 χ^2/NDF: 2819.2/33

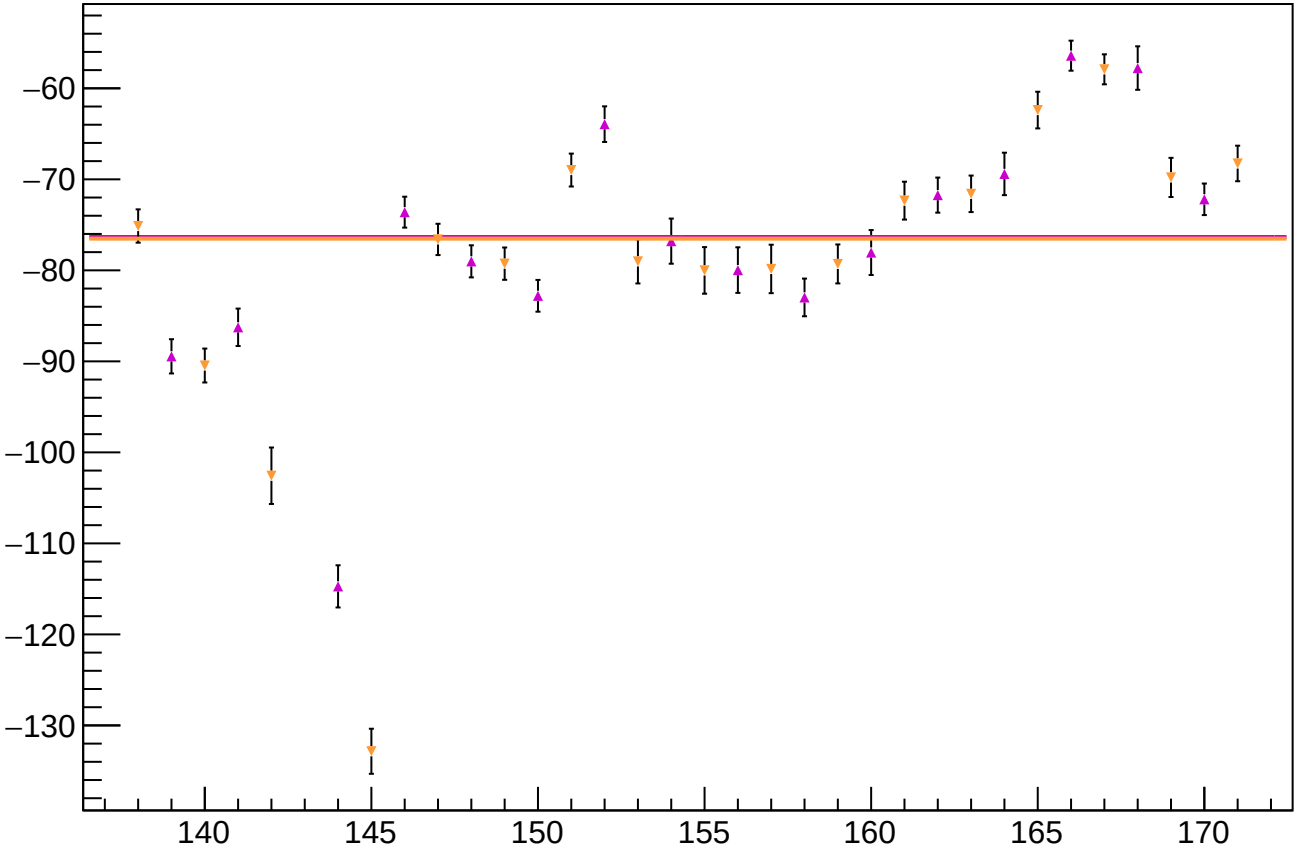
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.122+/-0.002 χ^2/NDF:14322.0/32

Out: 0.104+/-0.002 χ^2/NDF:16345.3/36

All: 0.112+/-0.002 χ^2/NDF: 30694.5/69

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -76.515+/-0.496 χ^2/NDF:884.9/16

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

Left In: -76.339+/-0.499 χ^2/NDF:644.2/15

Left: -76.427+/-0.352 χ^2/NDF: 1529.2/32

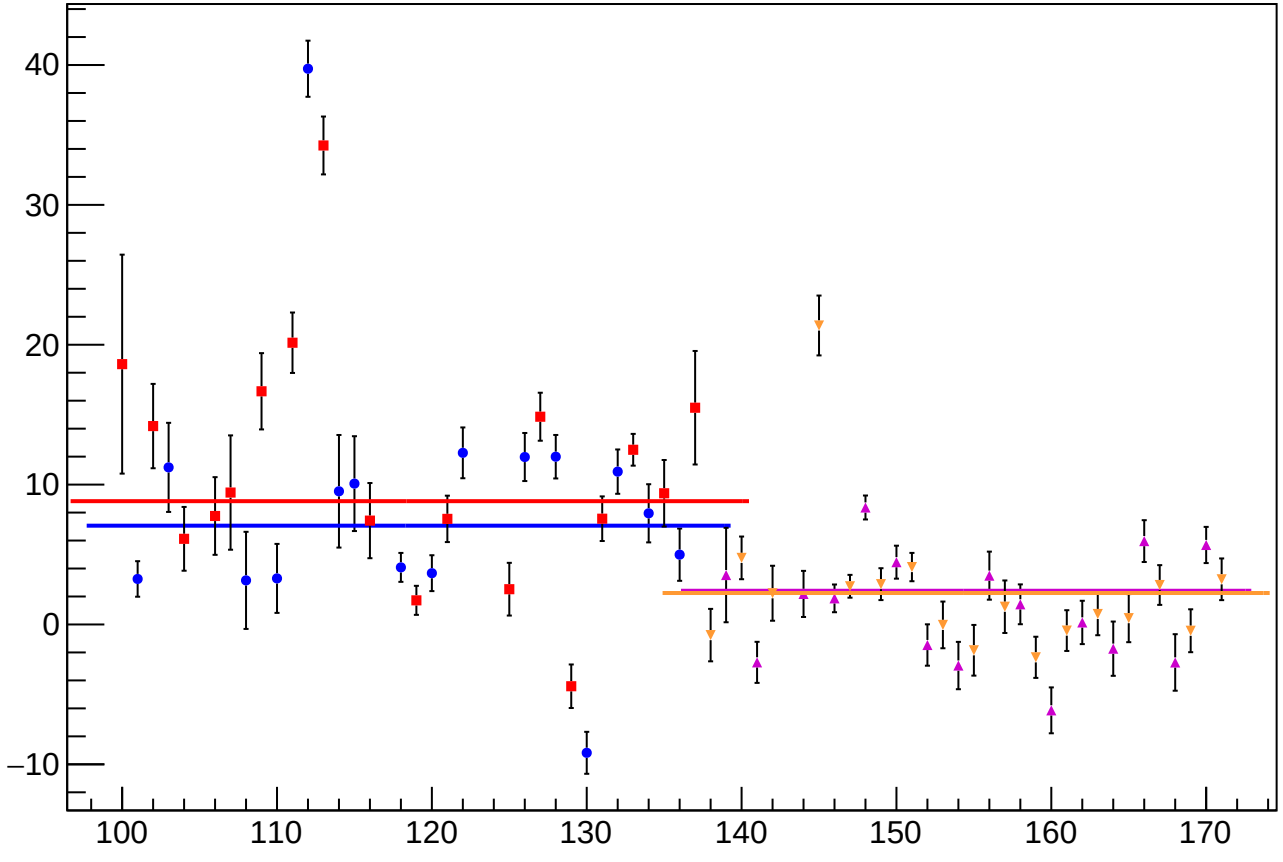
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -76.339+/-0.499 χ^2/NDF:644.2/15

Out: -76.515+/-0.496 χ^2/NDF:884.9/16

All: -76.427+/-0.352 χ^2/NDF: 1529.2/32

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.250+/-0.344 χ^2/NDF:115.4/16

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 2.410+/-0.353 χ^2/NDF:134.0/15

Left: 2.327+/-0.246 χ^2/NDF: 249.5/32

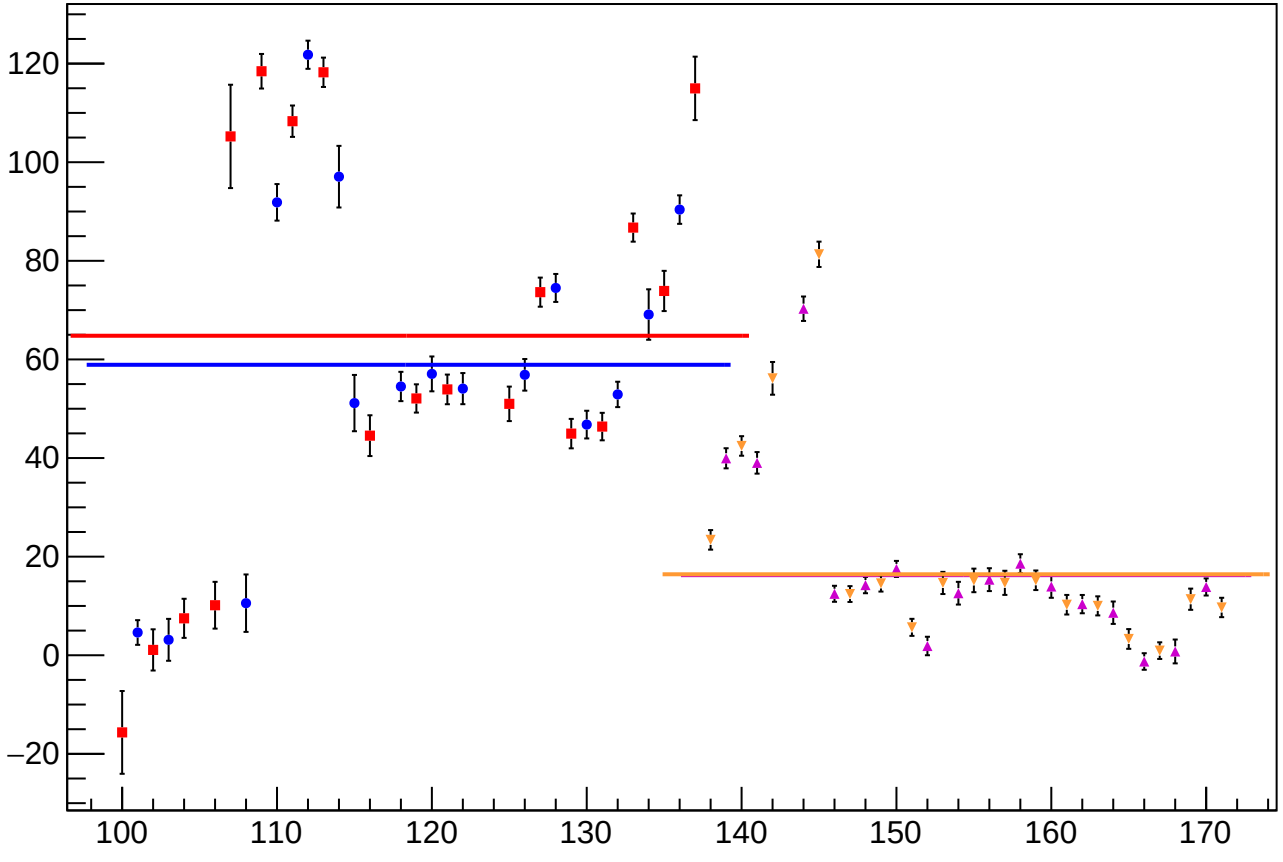
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 4.268+/-0.274 χ^2/NDF:650.1/31

Out: 4.676+/-0.273 χ^2/NDF:600.6/34

All: 4.473+/-0.193 χ^2/NDF: 1251.8/66

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 16.424+/-0.486 χ^2/NDF:1179.0/16

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 16.245+/-0.488 χ^2/NDF:963.2/15

Left: 16.335+/-0.345 χ^2/NDF: 2142.2/32

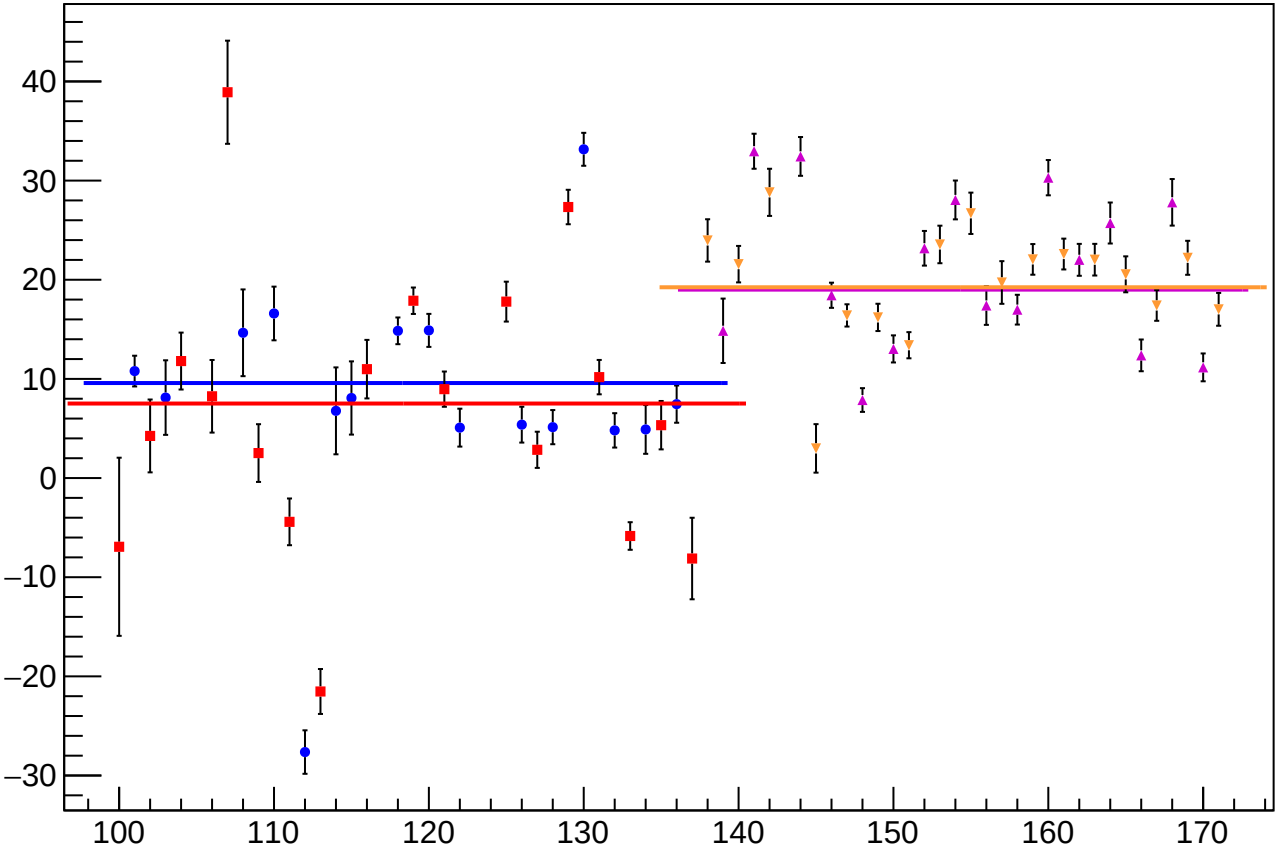
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 27.184+/-0.421 χ^2/NDF:4418.4/31

Out: 28.568+/-0.421 χ^2/NDF:5380.1/34

All: 27.876+/-0.298 χ^2/NDF: 9803.9/66

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 19.241+/-0.404 χ^2/NDF:133.5/16

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 19.004+/-0.414 χ^2/NDF:363.4/15

Left: 19.125+/-0.289 χ^2/NDF: 497.1/32

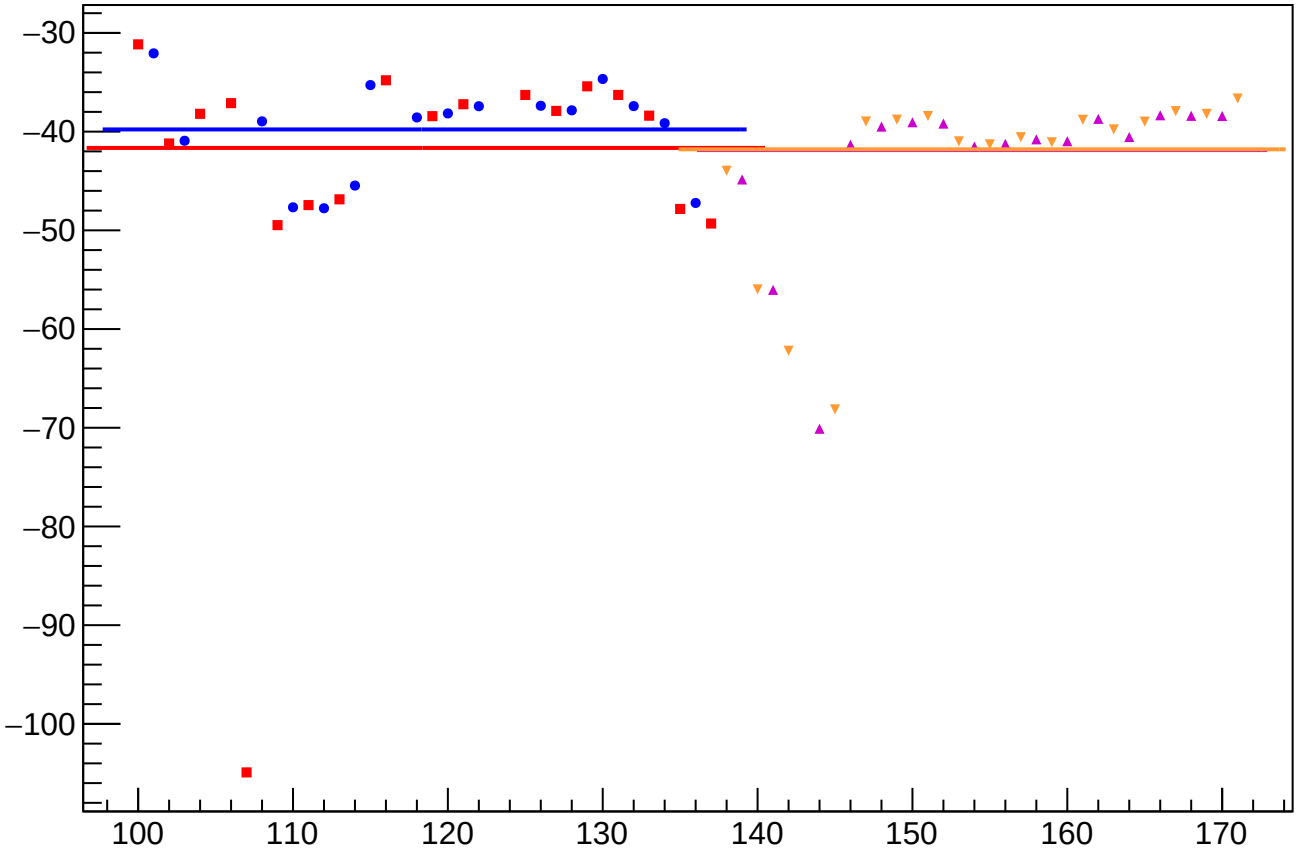
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 15.184+/-0.319 χ^2/NDF:1128.0/31

Out: 14.783+/-0.318 χ^2/NDF:1023.7/34

All: 14.983+/-0.225 χ^2/NDF: 2152.6/66

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -41.791+/-0.019 χ^2/NDF:137889.7/16

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -41.867+/-0.019 χ^2/NDF:107998.5/15

Left: -41.829+/-0.014 χ^2/NDF: 245896.0/32

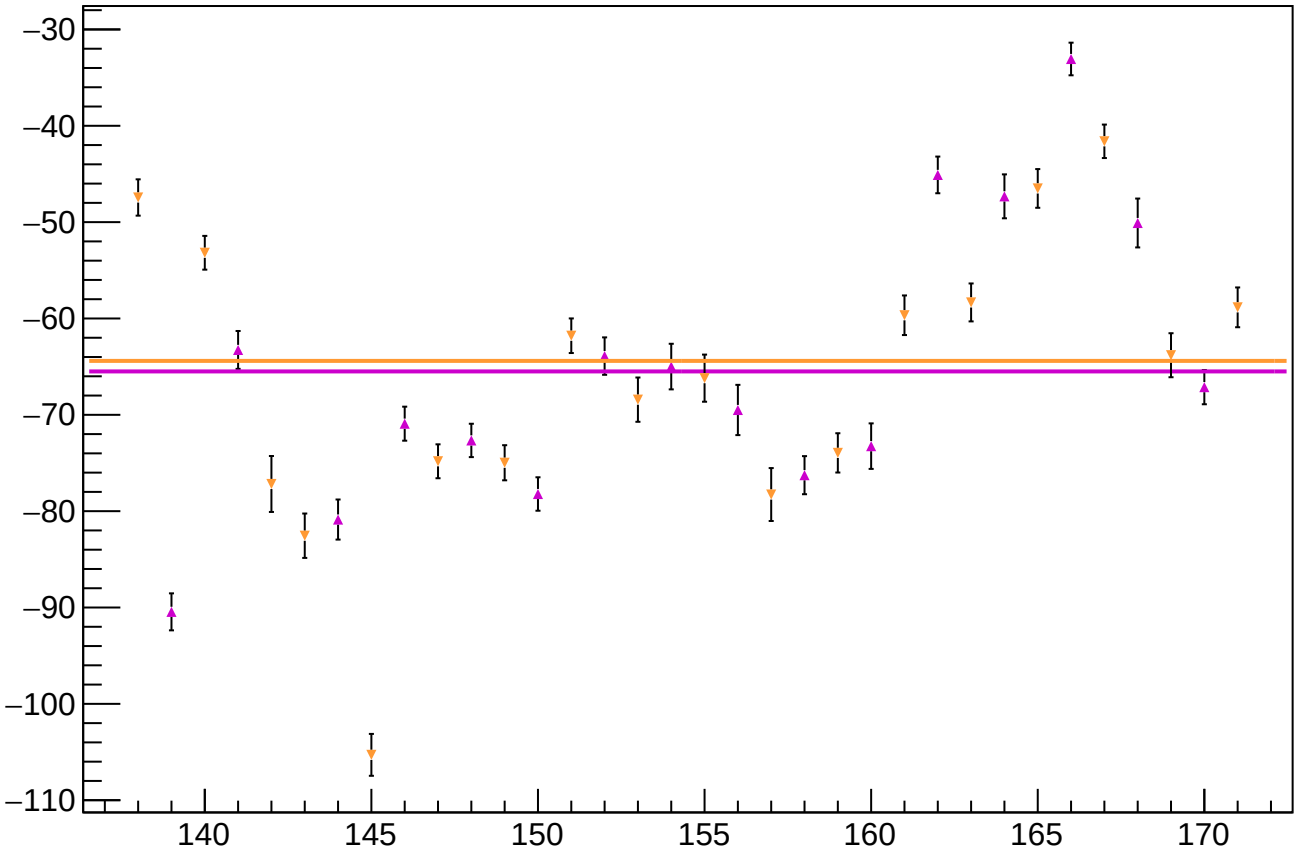
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -41.285+/-0.016 χ^2/NDF:137423.7/31

Out: -41.753+/-0.016 χ^2/NDF:232362.0/34

All: -41.520+/-0.012 χ^2/NDF: 370193.6/66

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -64.403+/-0.483 χ^2/NDF:952.8/17

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

Left In: -65.495+/-0.496 χ^2/NDF:931.6/15

Left: -64.934+/-0.346 χ^2/NDF: 1886.9/33

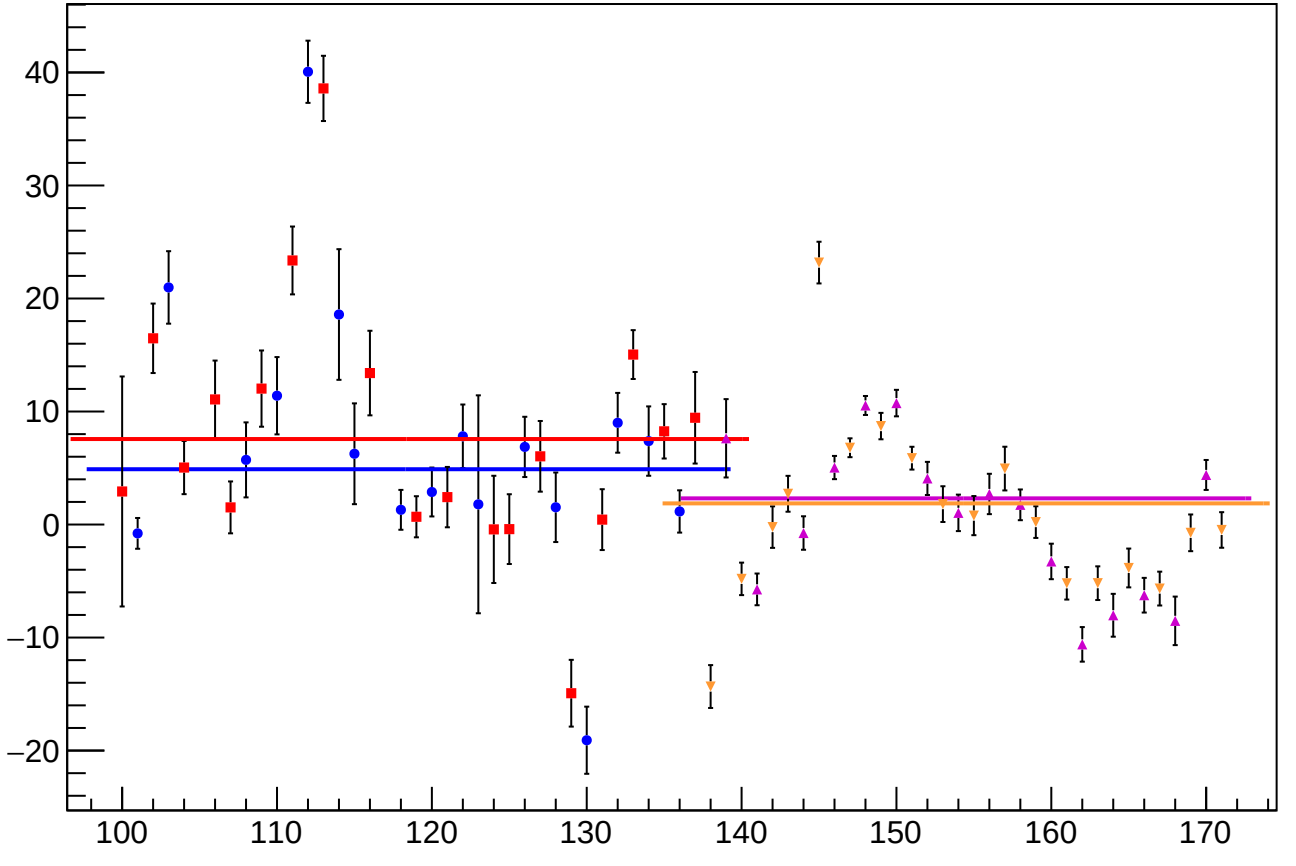
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -65.495+/-0.496 χ^2/NDF:931.6/15

Out: -64.403+/-0.483 χ^2/NDF:952.8/17

All: -64.934+/-0.346 χ^2/NDF: 1886.9/33

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 1.871+/-0.335 χ^2/NDF:406.6/17

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 2.315+/-0.350 χ^2/NDF:369.4/15

Left: 2.083+/-0.242 χ^2/NDF: 776.9/33

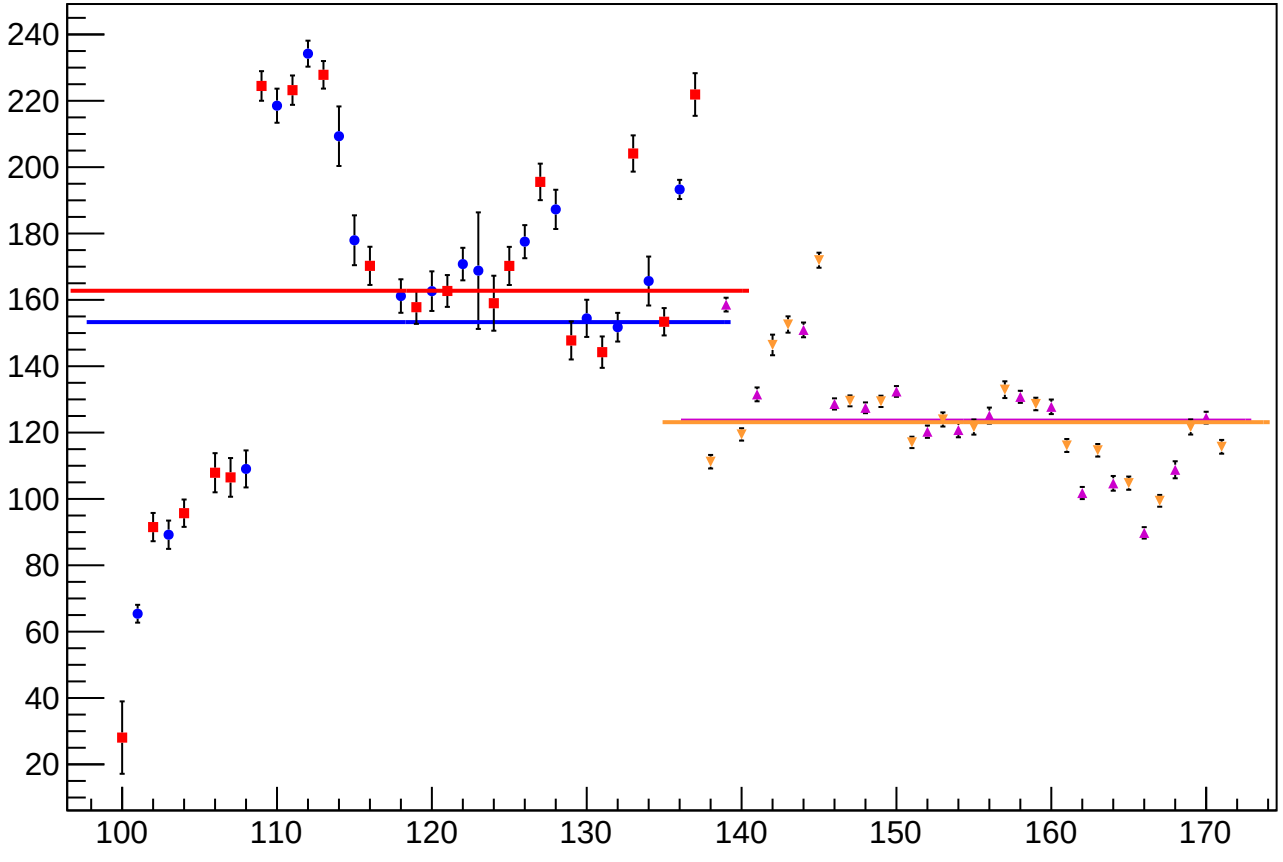
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 2.936+/-0.305 χ^2/NDF:677.8/32

Out: 3.061+/-0.298 χ^2/NDF:737.2/36

All: 3.000+/-0.213 χ^2/NDF: 1415.1/69

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 123.133+/-0.476 χ^2/NDF:1073.8/17

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 123.613+/-0.485 χ^2/NDF:1149.5/15

Left: 123.368+/-0.340 χ^2/NDF: 2223.8/33

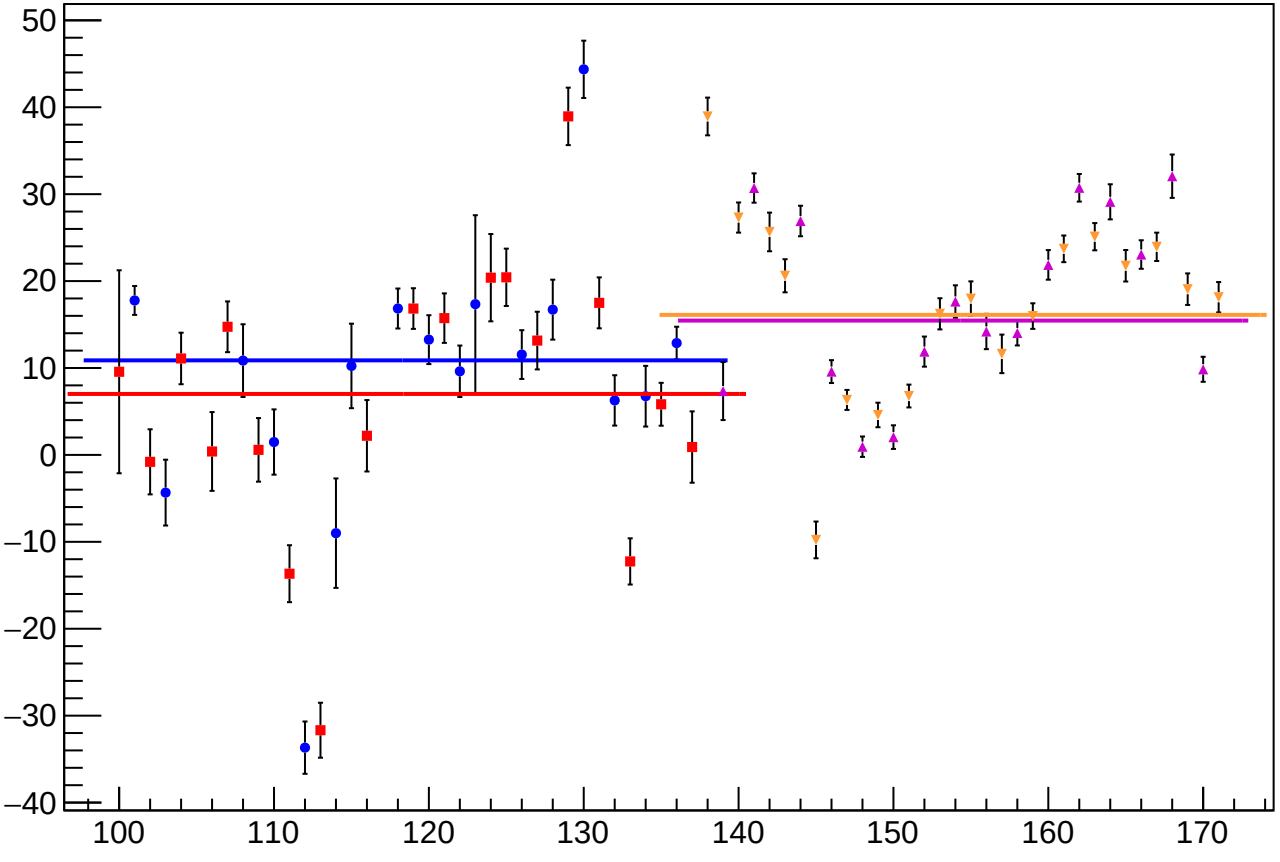
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 128.131+/-0.447 χ^2/NDF:3986.4/32

Out: 128.697+/-0.441 χ^2/NDF:3756.8/36

All: 128.417+/-0.314 χ^2/NDF: 7744.1/69

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 16.112+/-0.394 χ^2/NDF:615.3/17

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 15.456+/-0.410 χ^2/NDF:640.1/15

Left: 15.797+/-0.284 χ^2/NDF: 1256.7/33

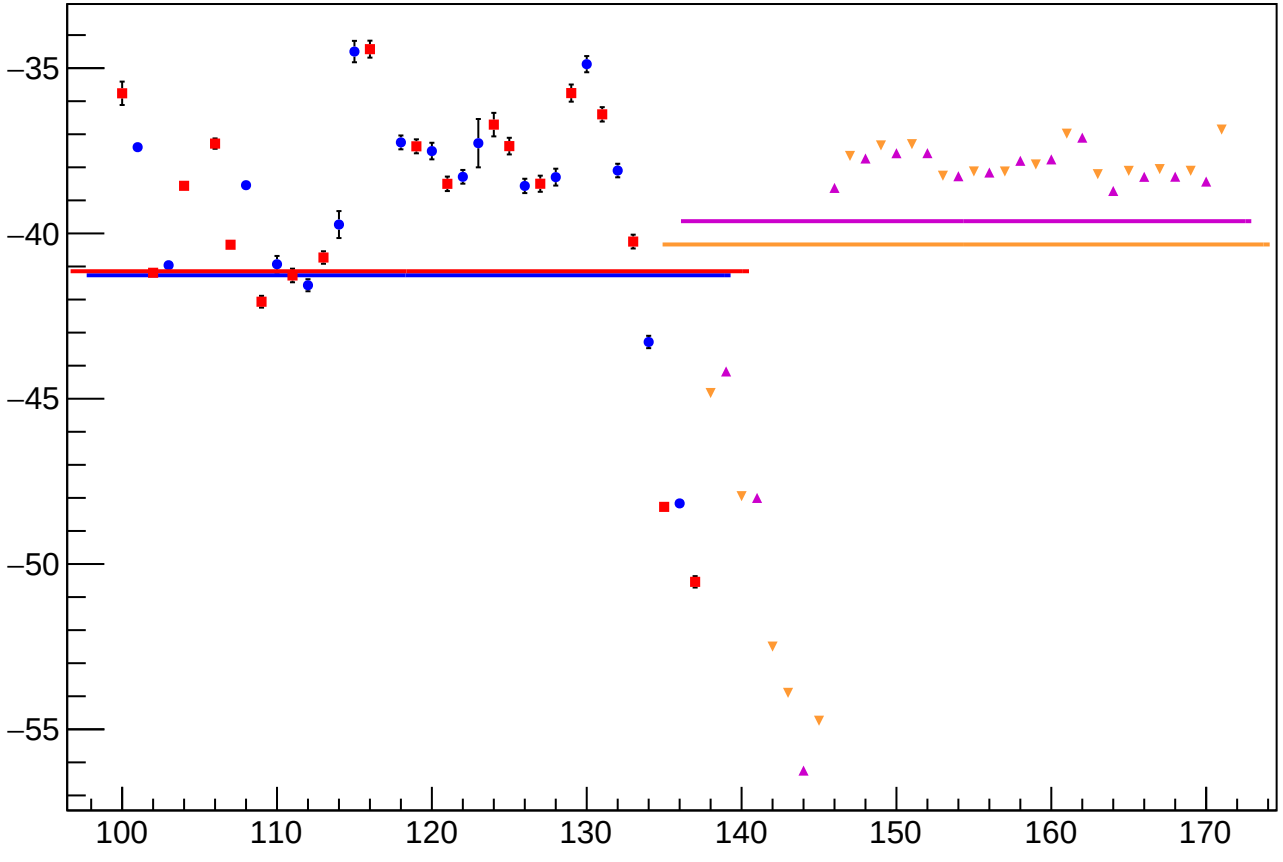
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 14.320+/-0.355 χ^2/NDF:1059.2/32

Out: 14.140+/-0.348 χ^2/NDF:1155.6/36

All: 14.228+/-0.249 χ^2/NDF: 2214.9/69

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -40.334+/-0.019 χ^2/NDF:81525.6/17

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -39.629+/-0.019 χ^2/NDF:49470.7/15

Left: -39.989+/-0.013 χ^2/NDF: 131685.5/33

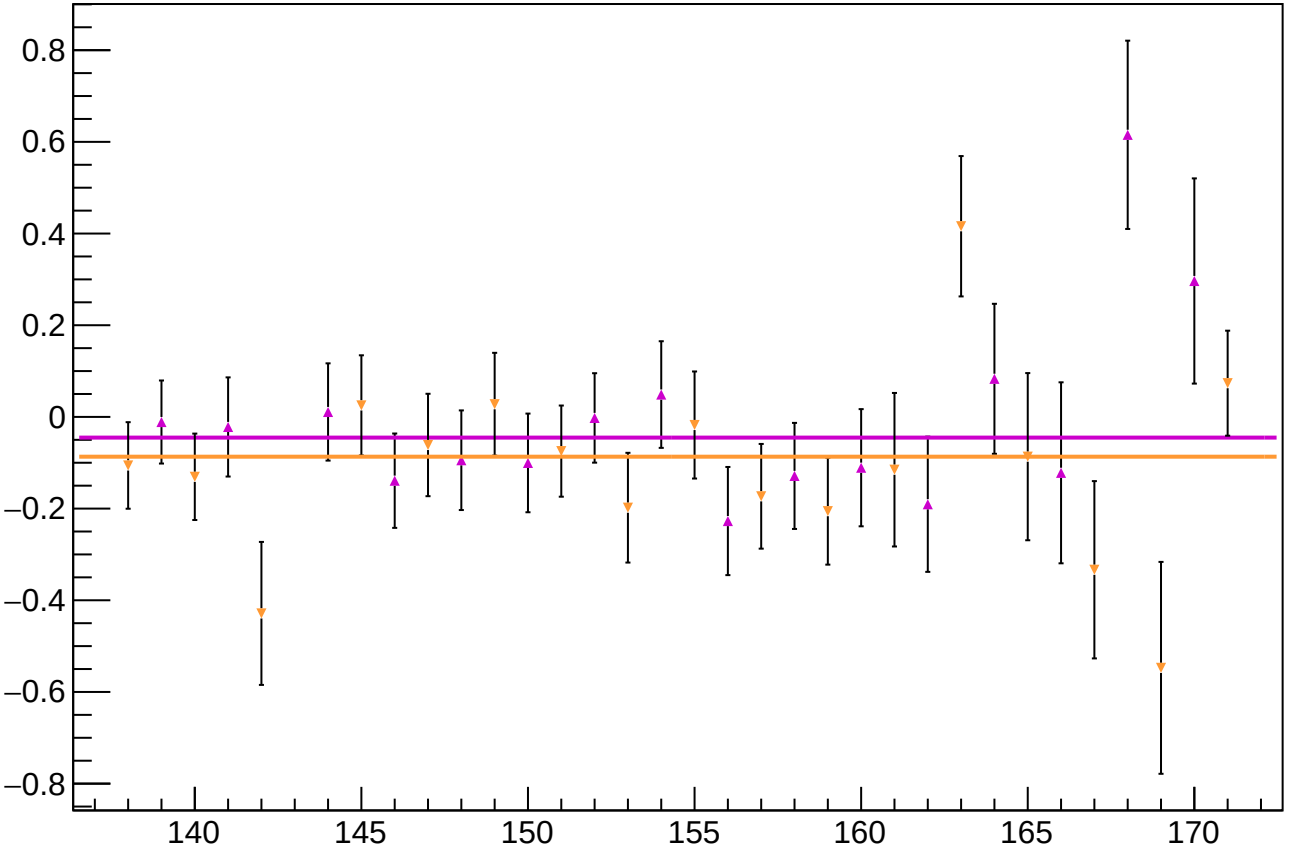
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -39.955+/-0.017 χ^2/NDF:63487.9/32

Out: -40.489+/-0.017 χ^2/NDF:94099.9/36

All: -40.226+/-0.012 χ^2/NDF: 158080.1/69

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.087+/-0.030 χ^2/NDF:28.4/16

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

Left In: -0.045+/-0.030 χ^2/NDF:20.2/15

Left: -0.066+/-0.021 χ^2/NDF: 49.6/32

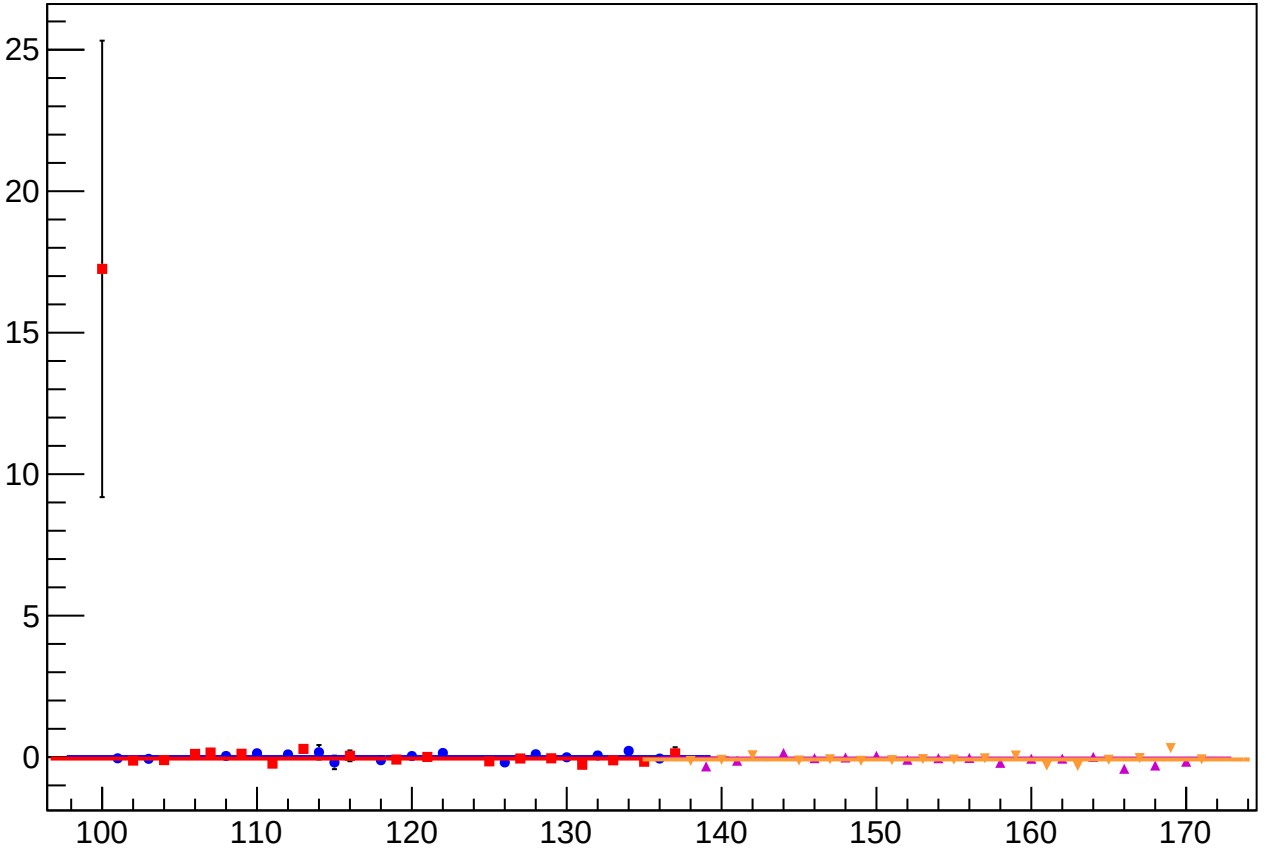
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.045+/-0.030 χ^2/NDF:20.2/15

Out: -0.087+/-0.030 χ^2/NDF:28.4/16

All: -0.066+/-0.021 χ^2/NDF: 49.6/32

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.083+/-0.021 χ^2/NDF:19.7/16

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.050+/-0.021 χ^2/NDF:23.4/15

Left: -0.067+/-0.015 χ^2/NDF: 44.3/32

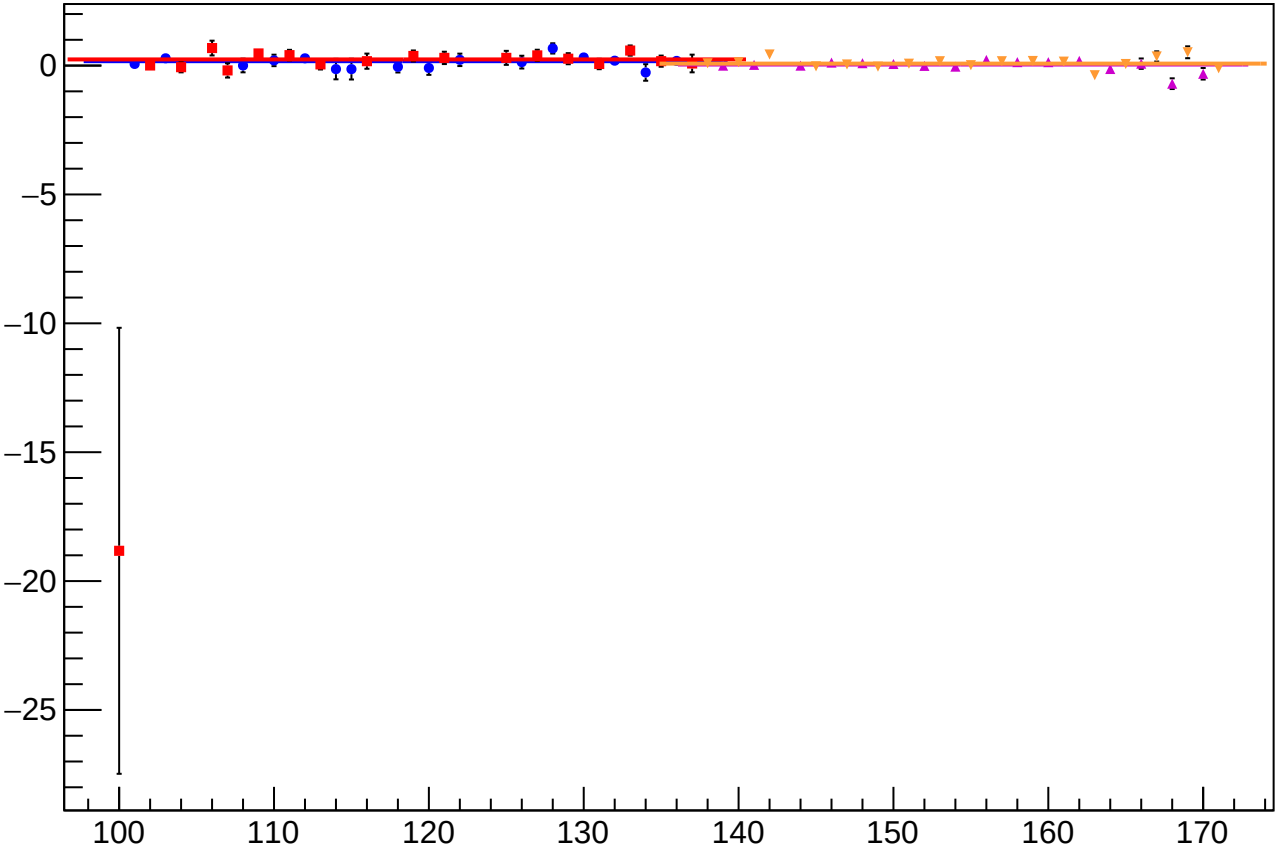
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.032+/-0.017 χ^2/NDF:38.1/31

Out: -0.072+/-0.017 χ^2/NDF:46.3/34

All: -0.052+/-0.012 χ^2/NDF: 87.2/66

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.076+/-0.029 χ^2/NDF:27.3/16

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.040+/-0.029 χ^2/NDF:23.6/15

Left: 0.058+/-0.021 χ^2/NDF: 51.7/32

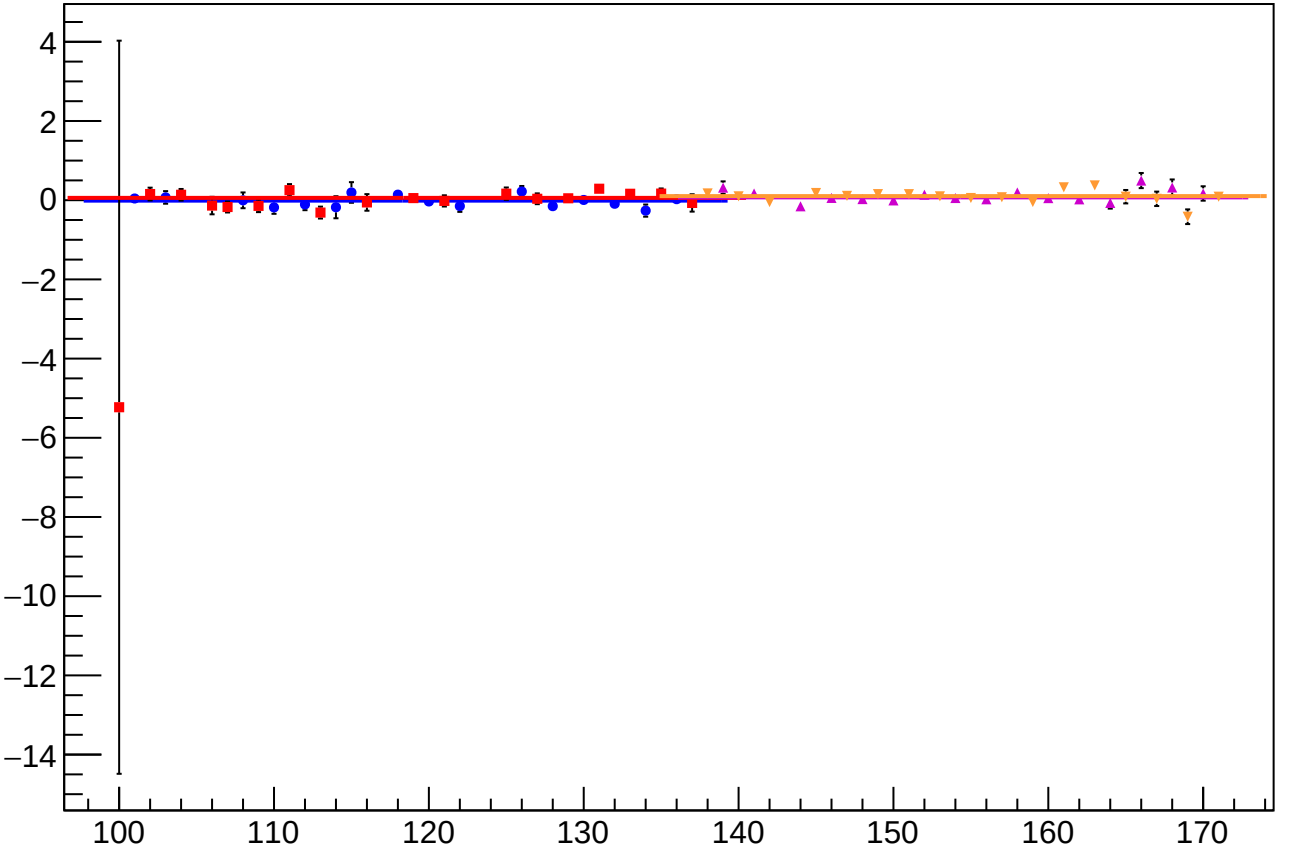
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.072+/-0.026 χ^2/NDF:42.0/31

Out: 0.113+/-0.026 χ^2/NDF:56.2/34

All: 0.092+/-0.018 χ^2/NDF: 99.5/66

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.103+/-0.025 χ^2/NDF:22.8/16

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.071+/-0.025 χ^2/NDF:22.0/15

Left: 0.088+/-0.018 χ^2/NDF: 45.6/32

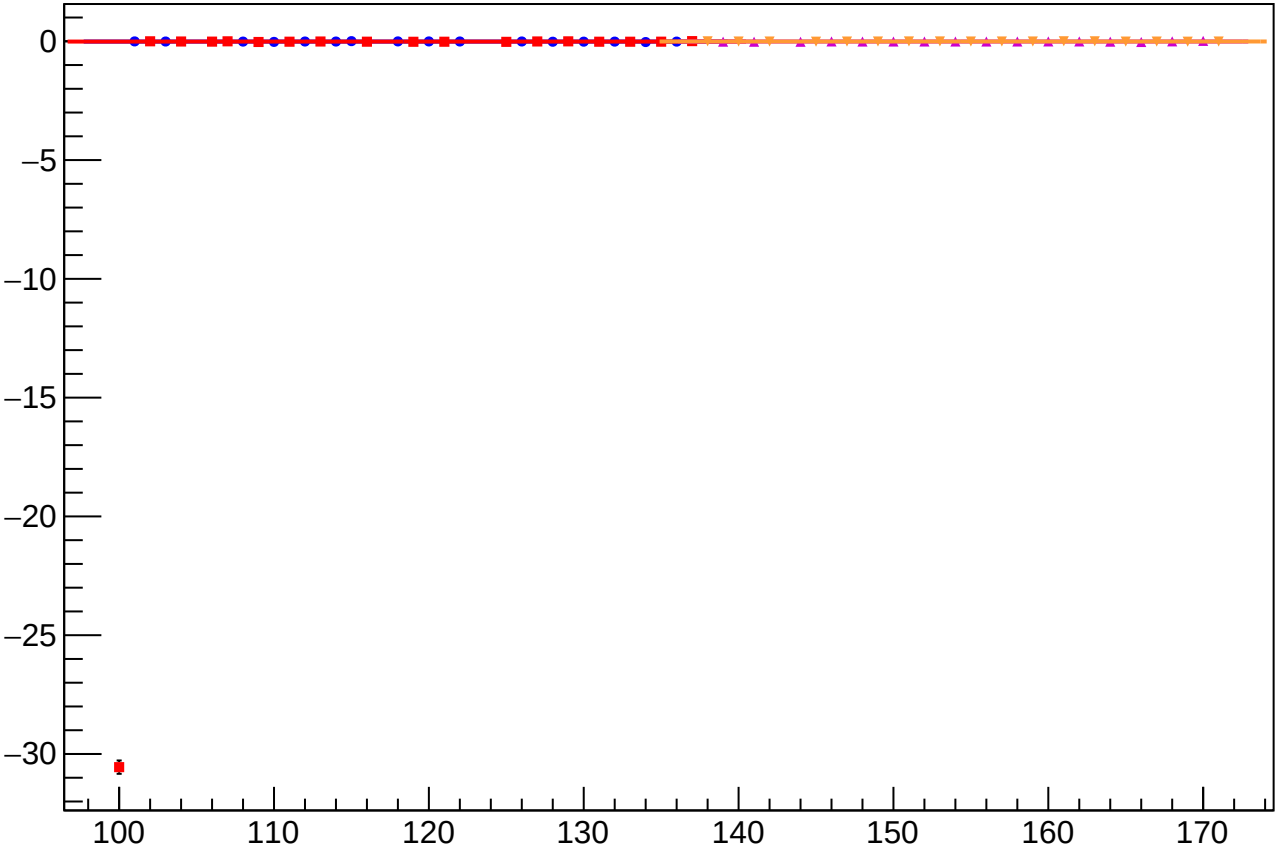
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.041+/-0.020 χ^2/NDF:39.7/31

Out: 0.088+/-0.020 χ^2/NDF:44.5/34

All: 0.064+/-0.014 χ^2/NDF: 87.1/66

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.009+/-0.001 χ^2/NDF:13.6/16

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.010+/-0.001 χ^2/NDF:29.7/15

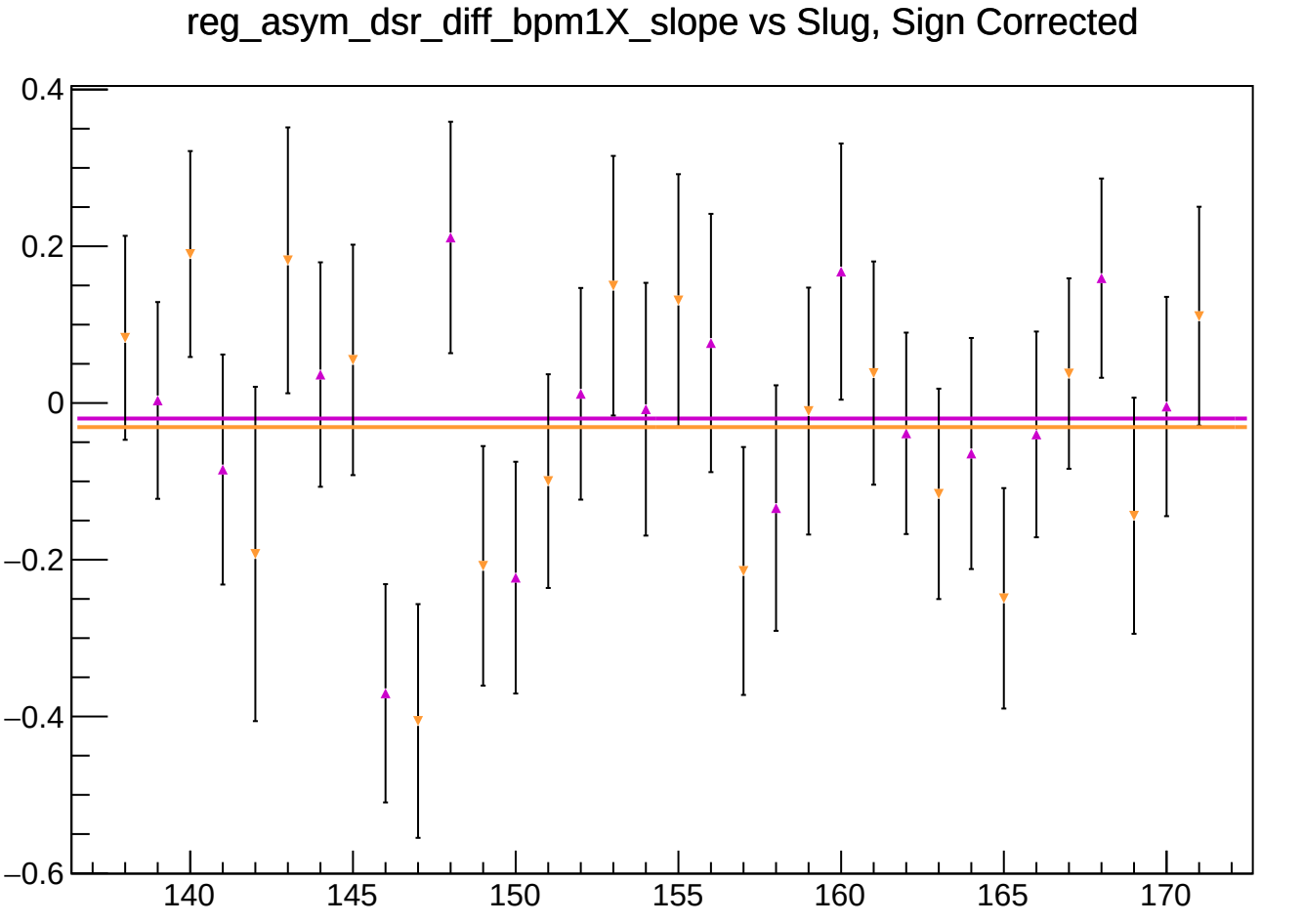
Left: -0.009+/-0.001 χ^2/NDF: 44.5/32

Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.011+/-0.001 χ^2/NDF:43.2/31

Out: -0.010+/-0.001 χ^2/NDF:11907.9/34

All: -0.010+/-0.001 χ^2/NDF: 11951.8/66



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

Left Out: -0.031+/-0.035 χ^2/NDF:22.5/17

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

Left In: -0.020+/-0.036 χ^2/NDF:15.4/15

Left: -0.025+/-0.025 χ^2/NDF: 38.0/33

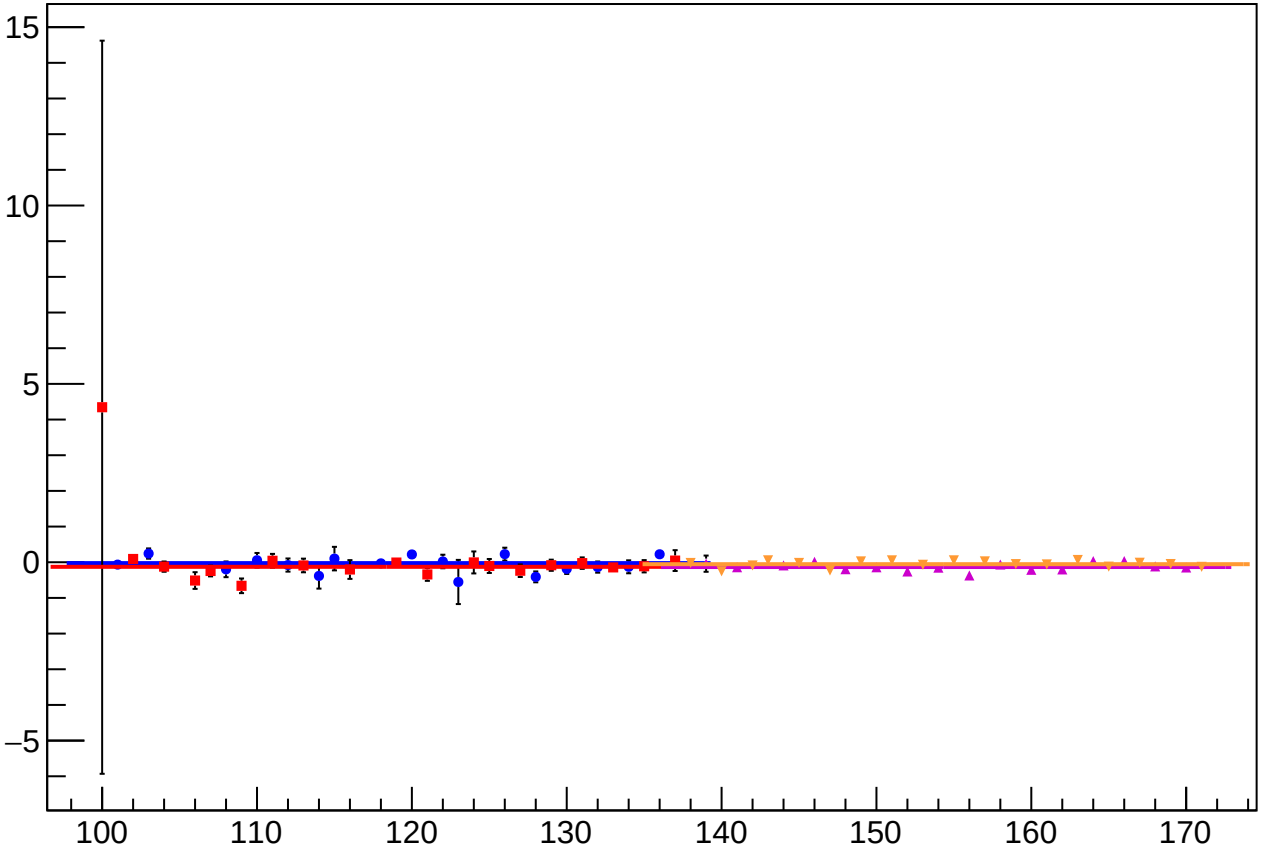
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.020+/-0.036 χ^2/NDF:15.4/15

Out: -0.031+/-0.035 χ^2/NDF:22.5/17

All: -0.025+/-0.025 χ^2/NDF: 38.0/33

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.054+/-0.025 χ^2/NDF:17.0/17

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.134+/-0.026 χ^2/NDF:15.3/15

Left: -0.092+/-0.018 χ^2/NDF: 37.2/33

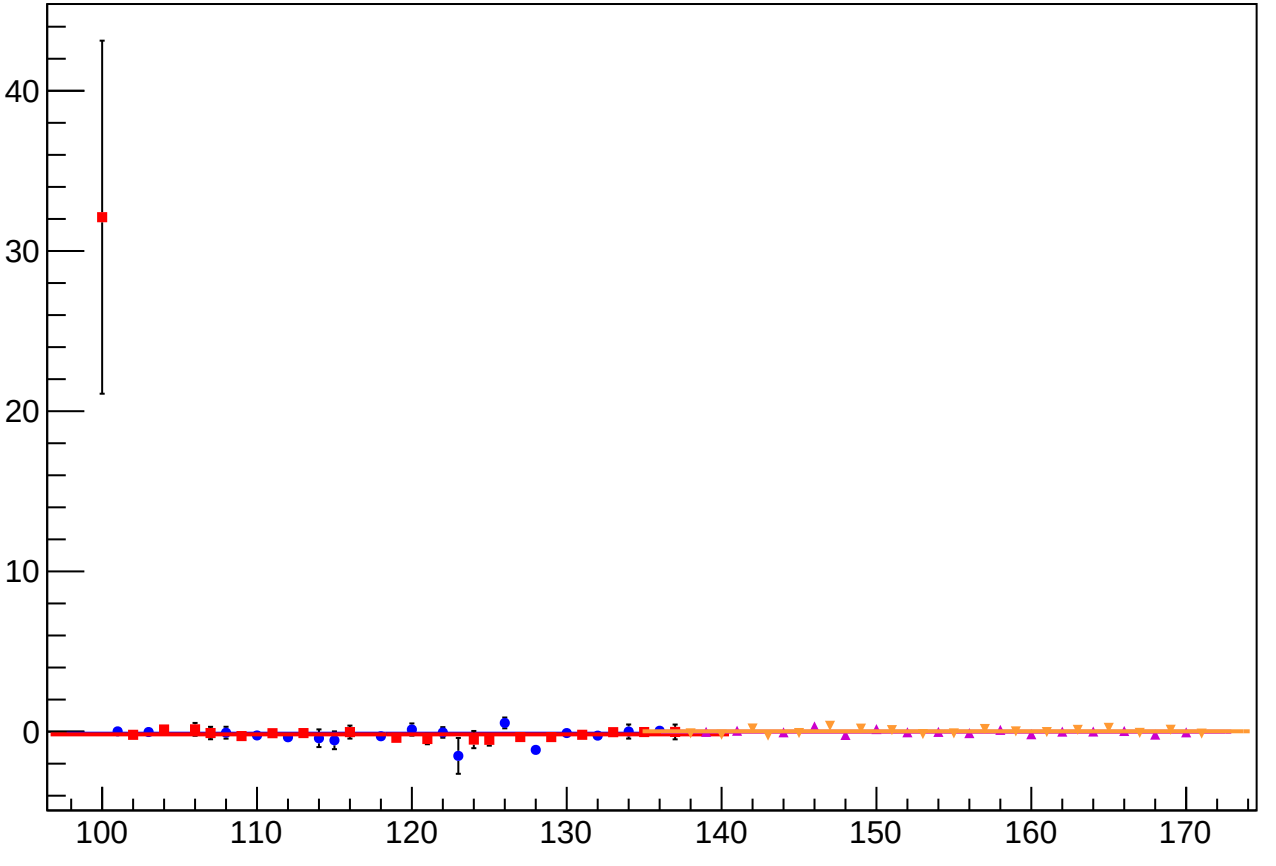
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.097+/-0.021 χ^2/NDF:44.6/32

Out: -0.075+/-0.021 χ^2/NDF:37.1/36

All: -0.086+/-0.015 χ^2/NDF: 82.3/69

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.021+/-0.034 χ^2/NDF:22.3/17

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.005+/-0.035 χ^2/NDF:14.1/15

Left: 0.008+/-0.024 χ^2/NDF: 36.7/33

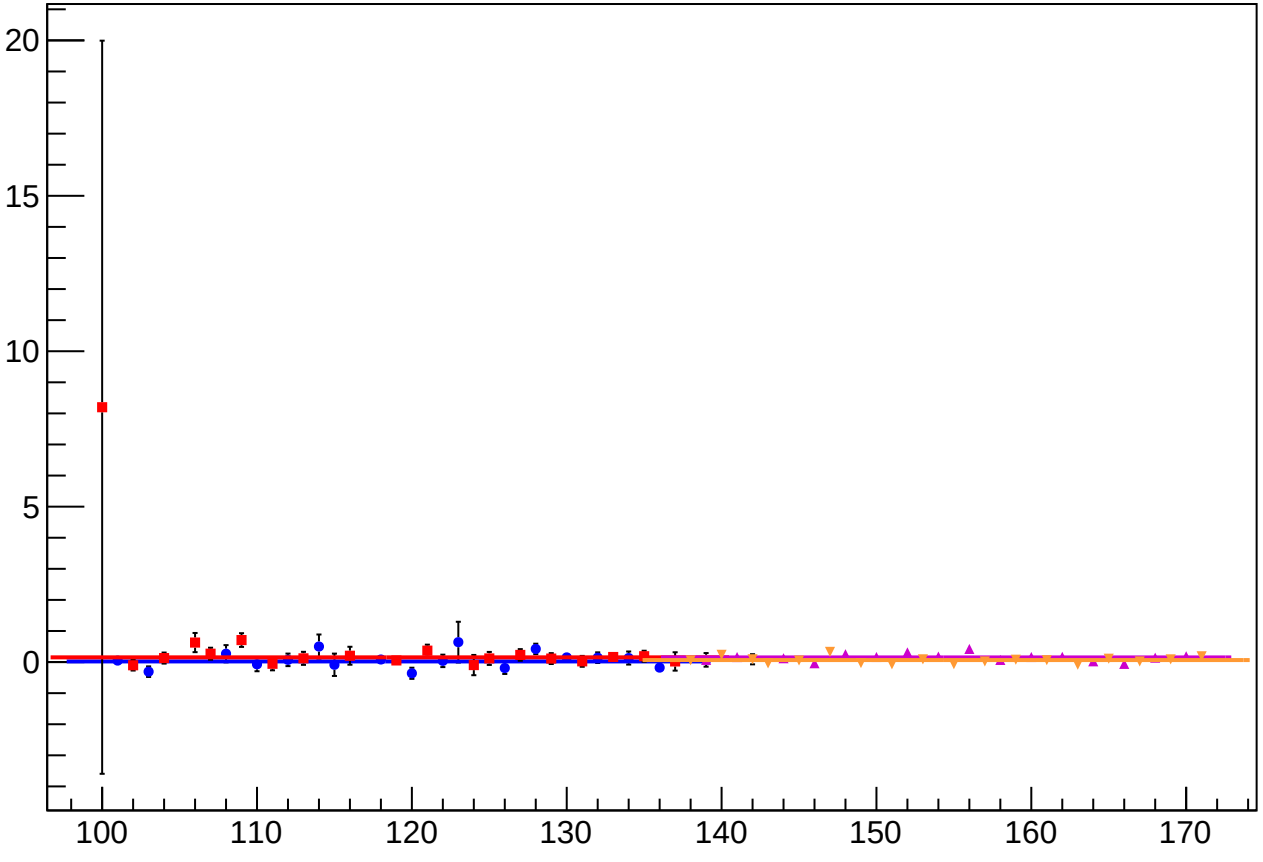
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.032+/-0.031 χ^2/NDF:40.6/32

Out: -0.016+/-0.031 χ^2/NDF:43.2/36

All: -0.024+/-0.022 χ^2/NDF: 84.0/69

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.065+/-0.029 χ^2/NDF:16.6/17

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.150+/-0.030 χ^2/NDF:15.0/15

Left: 0.105+/-0.021 χ^2/NDF: 35.7/33

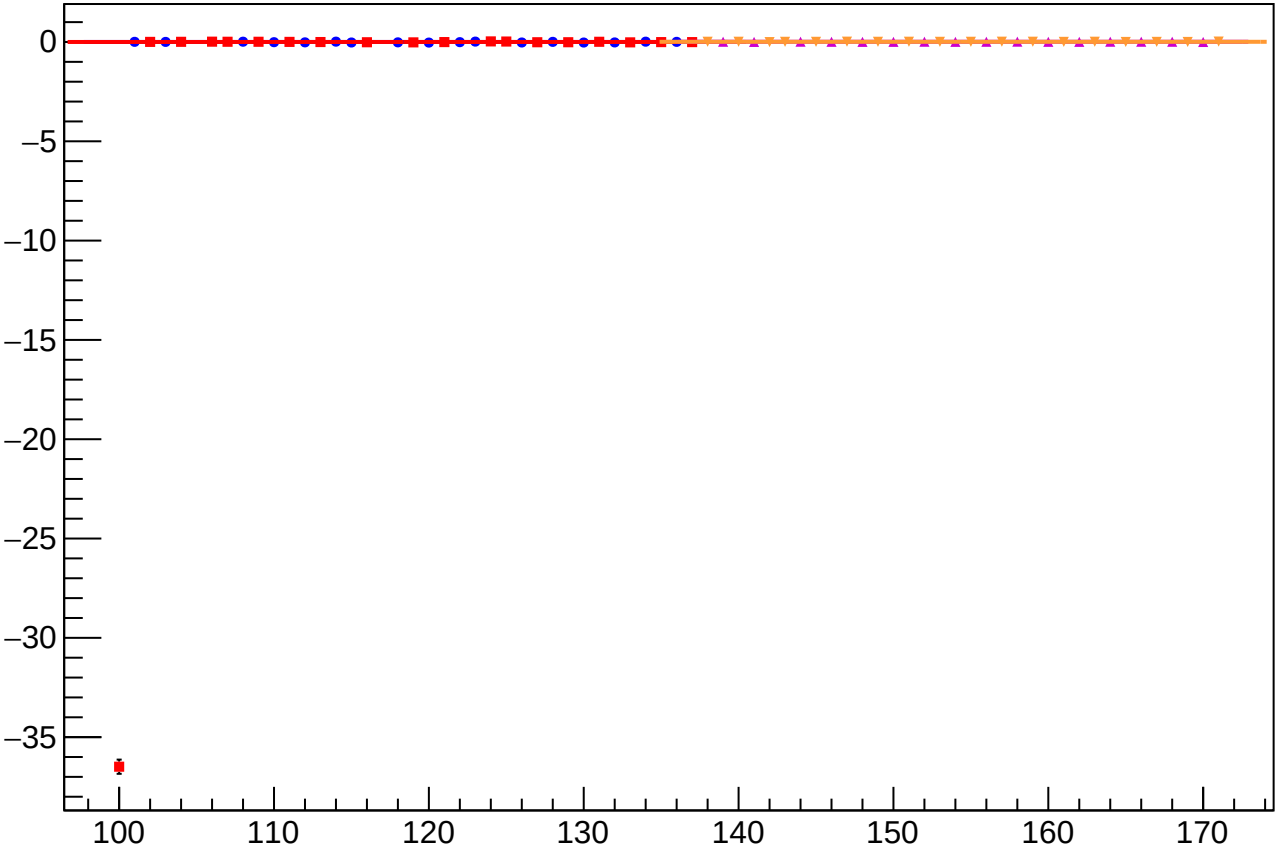
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.106+/-0.025 χ^2/NDF:43.6/32

Out: 0.089+/-0.024 χ^2/NDF:35.5/36

All: 0.098+/-0.017 χ^2/NDF: 79.3/69

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:16.9/17

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.001 χ^2/NDF:9.8/15

Left: 0.010+/-0.001 χ^2/NDF: 26.8/33

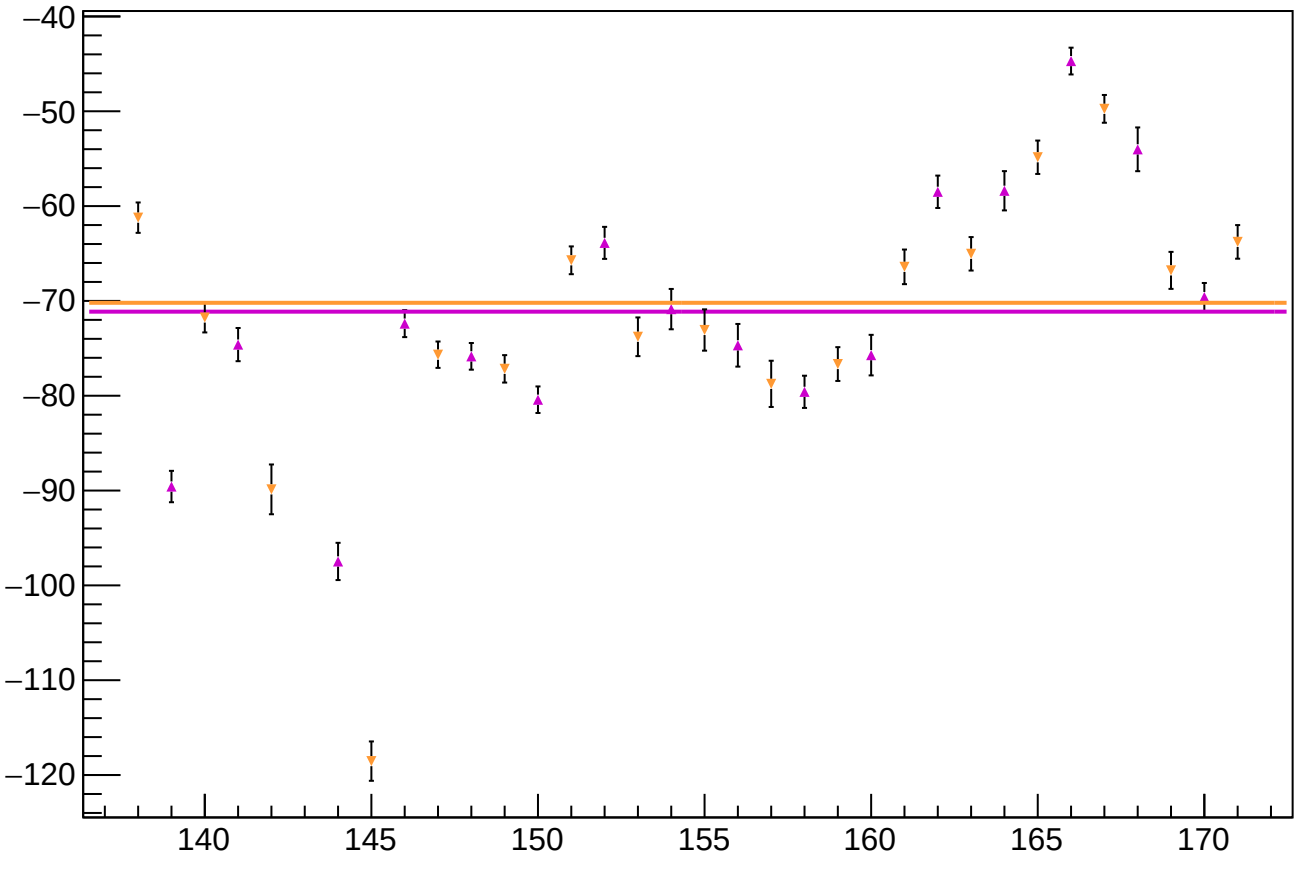
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.008+/-0.001 χ^2/NDF:55.3/32

Out: 0.008+/-0.001 χ^2/NDF:10477.5/36

All: 0.008+/-0.001 χ^2/NDF: 10532.8/69

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: -70.199+/-0.424 χ^2/NDF:1009.0/16

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

Left In: -71.134+/-0.426 χ^2/NDF:913.4/15

Left: -70.665+/-0.301 χ^2/NDF: 1924.8/32

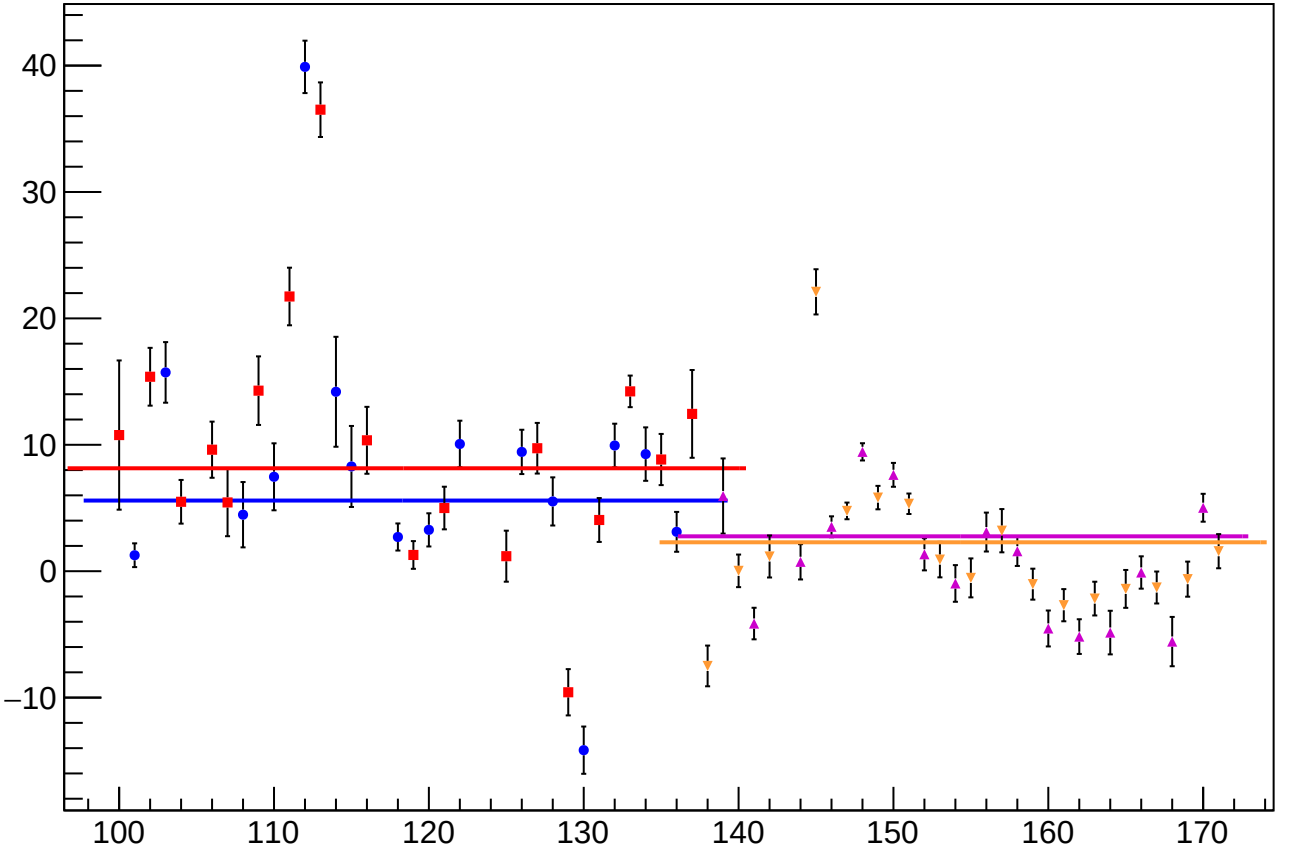
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -71.134+/-0.426 χ^2/NDF:913.4/15

Out: -70.199+/-0.424 χ^2/NDF:1009.0/16

All: -70.665+/-0.301 χ^2/NDF: 1924.8/32

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: 2.287+/-0.290 χ^2/NDF:263.1/16

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 2.759+/-0.297 χ^2/NDF:272.7/15

Left: 2.517+/-0.208 χ^2/NDF: 537.1/32

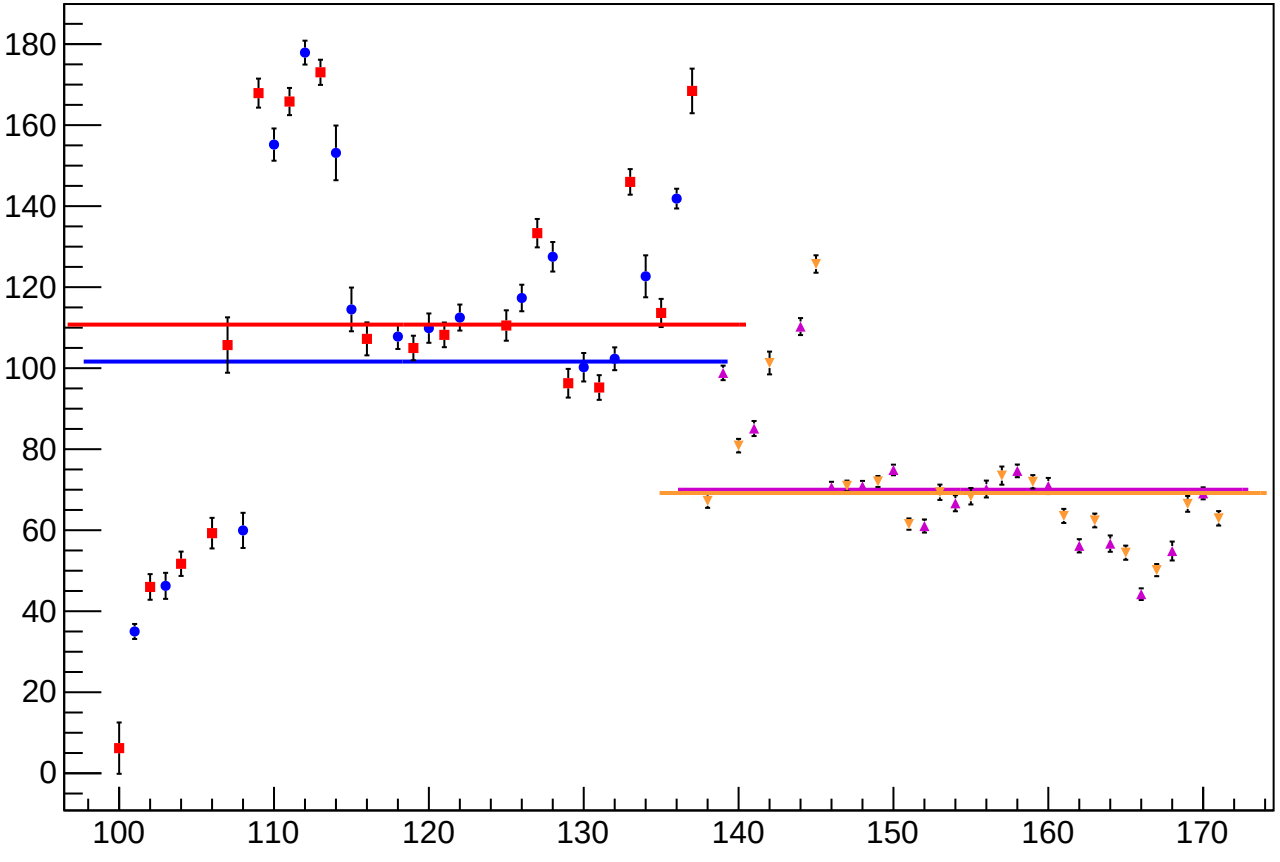
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 3.693+/-0.243 χ^2/NDF:765.4/31

Out: 3.984+/-0.244 χ^2/NDF:789.1/34

All: 3.838+/-0.172 χ^2/NDF: 1555.2/66

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: 69.189+/-0.416 χ^2/NDF:1184.4/16

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 69.994+/-0.416 χ^2/NDF:1227.6/15

Left: 69.591+/-0.294 χ^2/NDF: 2413.9/32

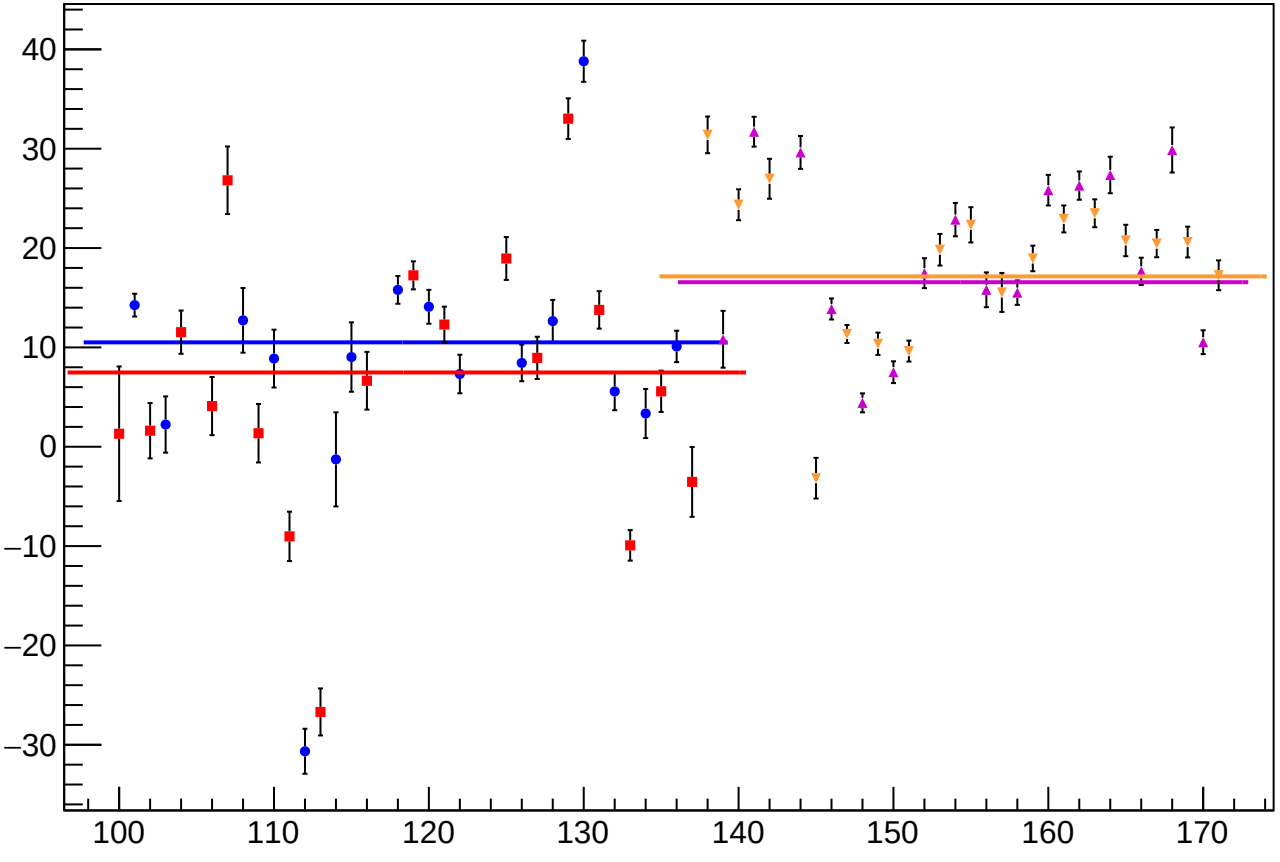
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 76.624+/-0.369 χ^2/NDF:5421.4/31

Out: 77.422+/-0.372 χ^2/NDF:5679.0/34

All: 77.020+/-0.262 χ^2/NDF: 11102.7/66

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 17.147+/-0.343 χ^2/NDF:400.2/16

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 16.562+/-0.350 χ^2/NDF:597.9/15

Left: 16.861+/-0.245 χ^2/NDF: 999.5/32

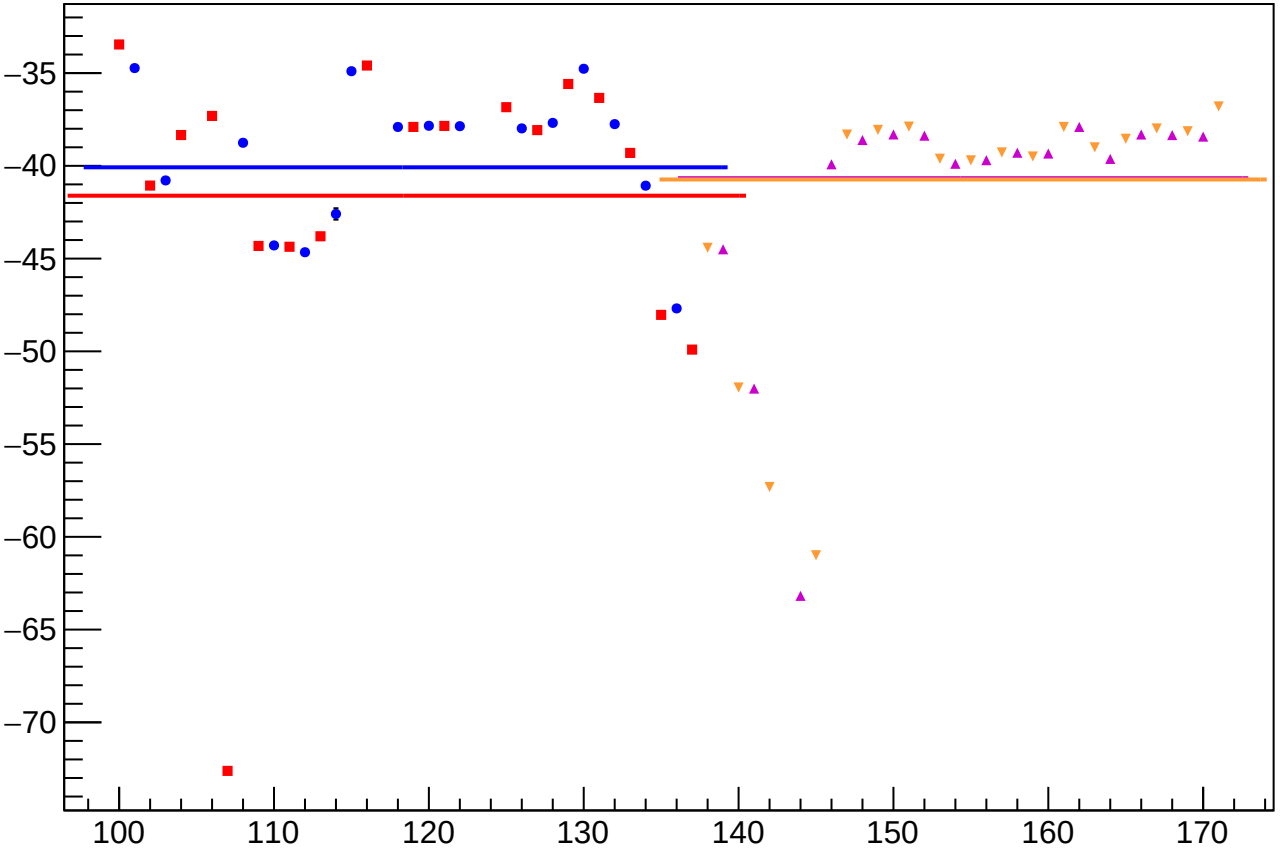
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 14.529+/-0.285 χ^2/NDF:1279.9/31

Out: 14.250+/-0.287 χ^2/NDF:1328.1/34

All: 14.390+/-0.202 χ^2/NDF: 2608.5/66

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -40.735+/-0.016 χ^2/NDF:122002.1/16

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -40.665+/-0.016 χ^2/NDF:97632.7/15

Left: -40.700+/-0.012 χ^2/NDF: 219643.9/32

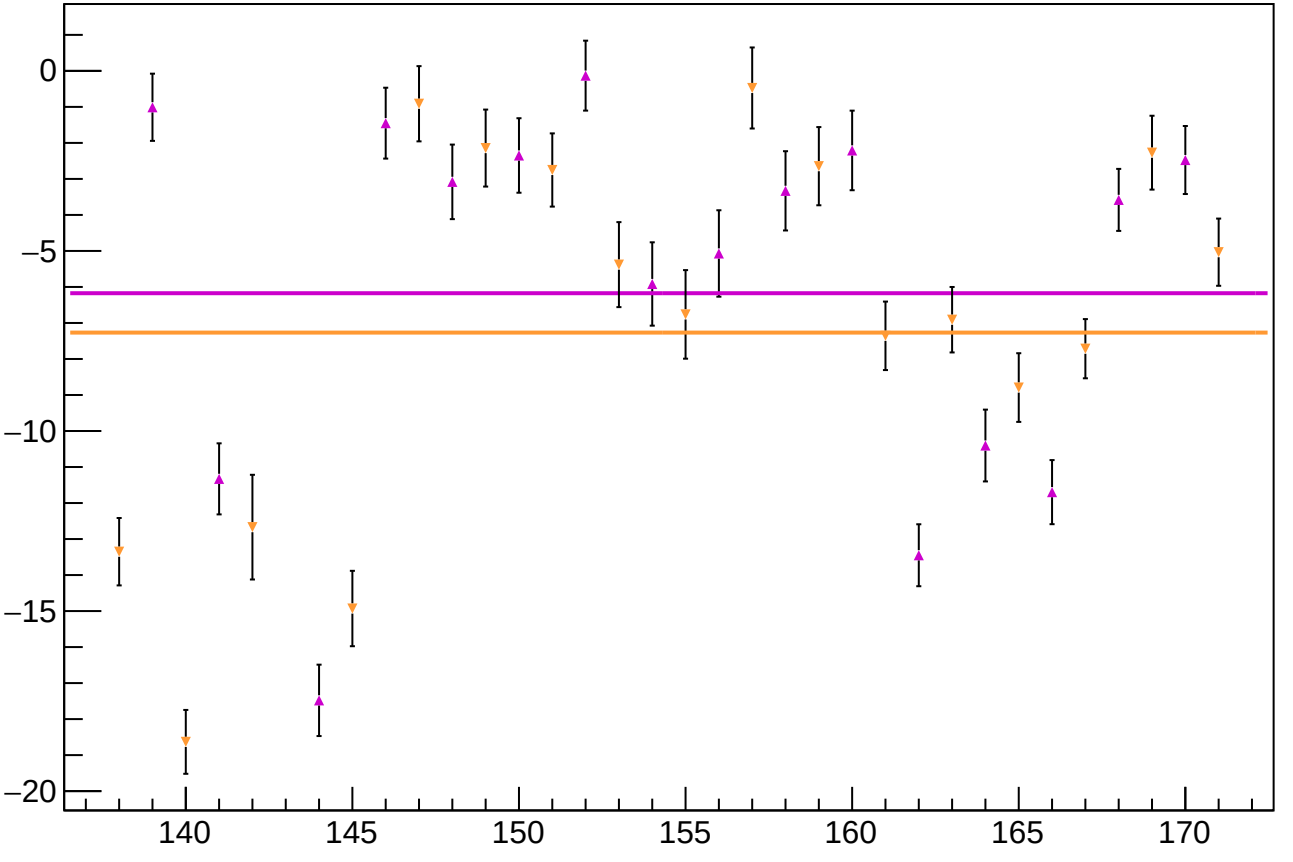
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -40.516+/-0.014 χ^2/NDF:123077.9/31

Out: -40.954+/-0.014 χ^2/NDF:184488.4/34

All: -40.734+/-0.010 χ^2/NDF: 308037.8/66

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: -7.267+/-0.246 χ^2/NDF:443.5/16

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

Left In: -6.174+/-0.247 χ^2/NDF:445.3/15

Left: -6.724+/-0.174 χ^2/NDF: 898.6/32

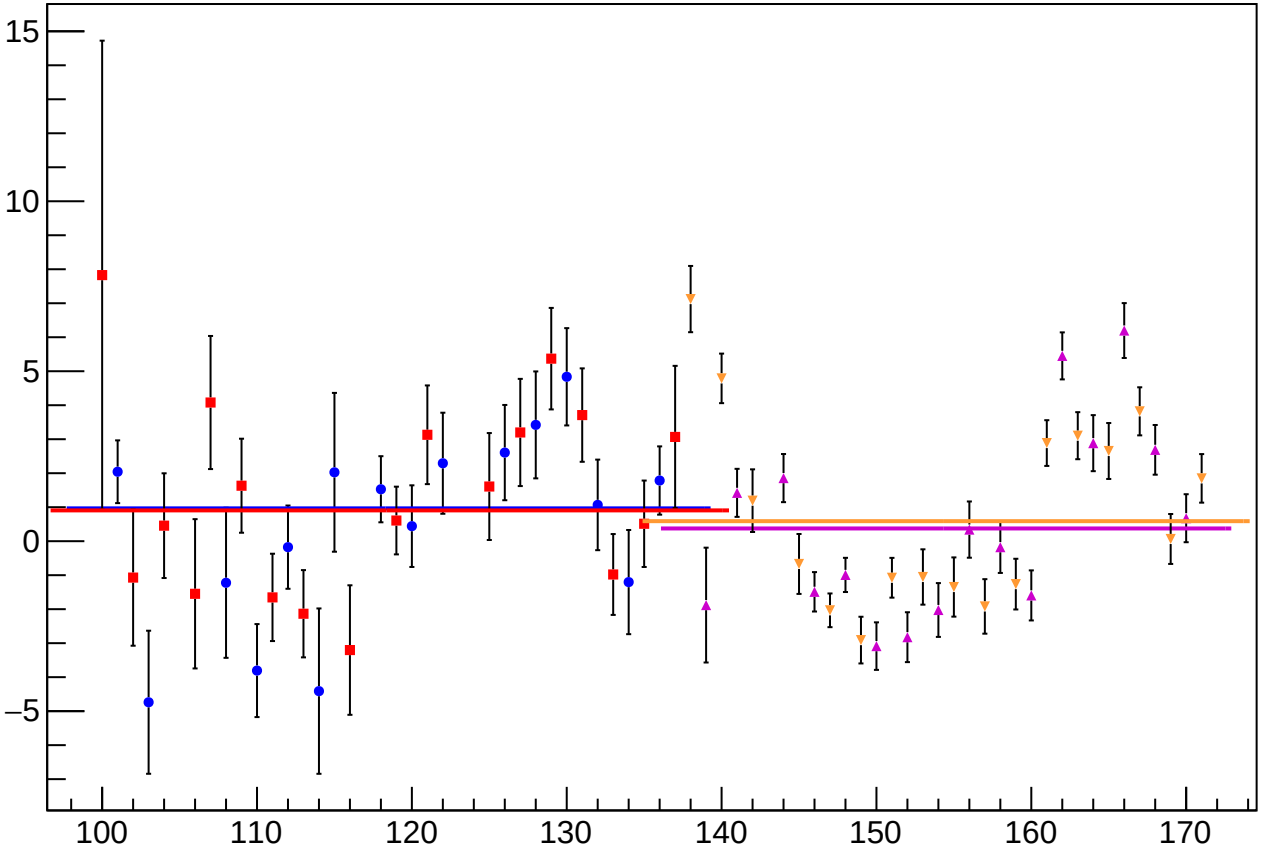
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.174+/-0.247 χ^2/NDF:445.3/15

Out: -7.267+/-0.246 χ^2/NDF:443.5/16

All: -6.724+/-0.174 χ^2/NDF: 898.6/32

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: 0.589+/-0.176 χ^2/NDF:223.3/16

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 0.374+/-0.180 χ^2/NDF:211.8/15

Left: 0.484+/-0.126 χ^2/NDF: 435.8/32

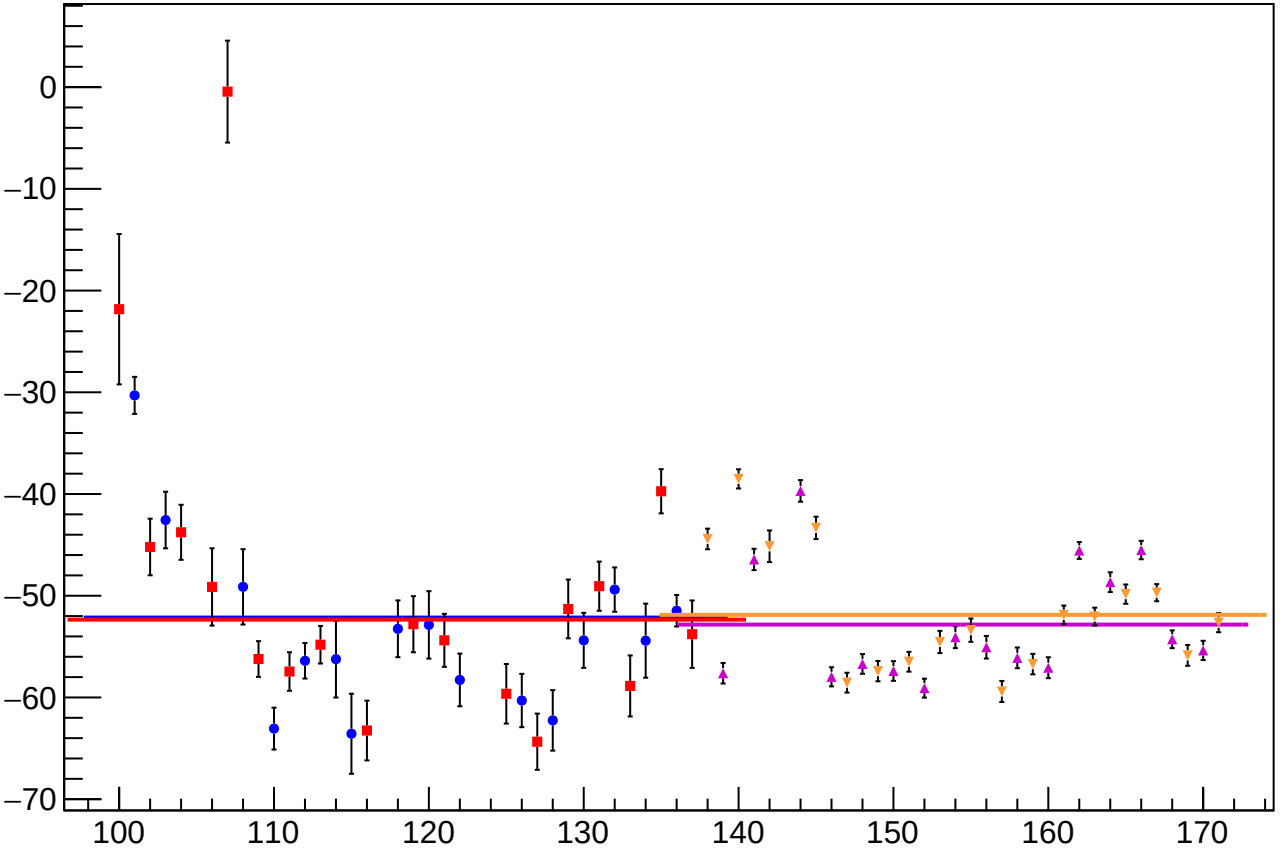
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: 0.505+/-0.159 χ^2/NDF:257.1/31

Out: 0.652+/-0.158 χ^2/NDF:265.9/34

All: 0.579+/-0.112 χ^2/NDF: 523.5/66

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: -51.880+/-0.242 χ^2/NDF:544.3/16

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -52.835+/-0.243 χ^2/NDF:530.3/15

Left: -52.356+/-0.171 χ^2/NDF: 1082.3/32

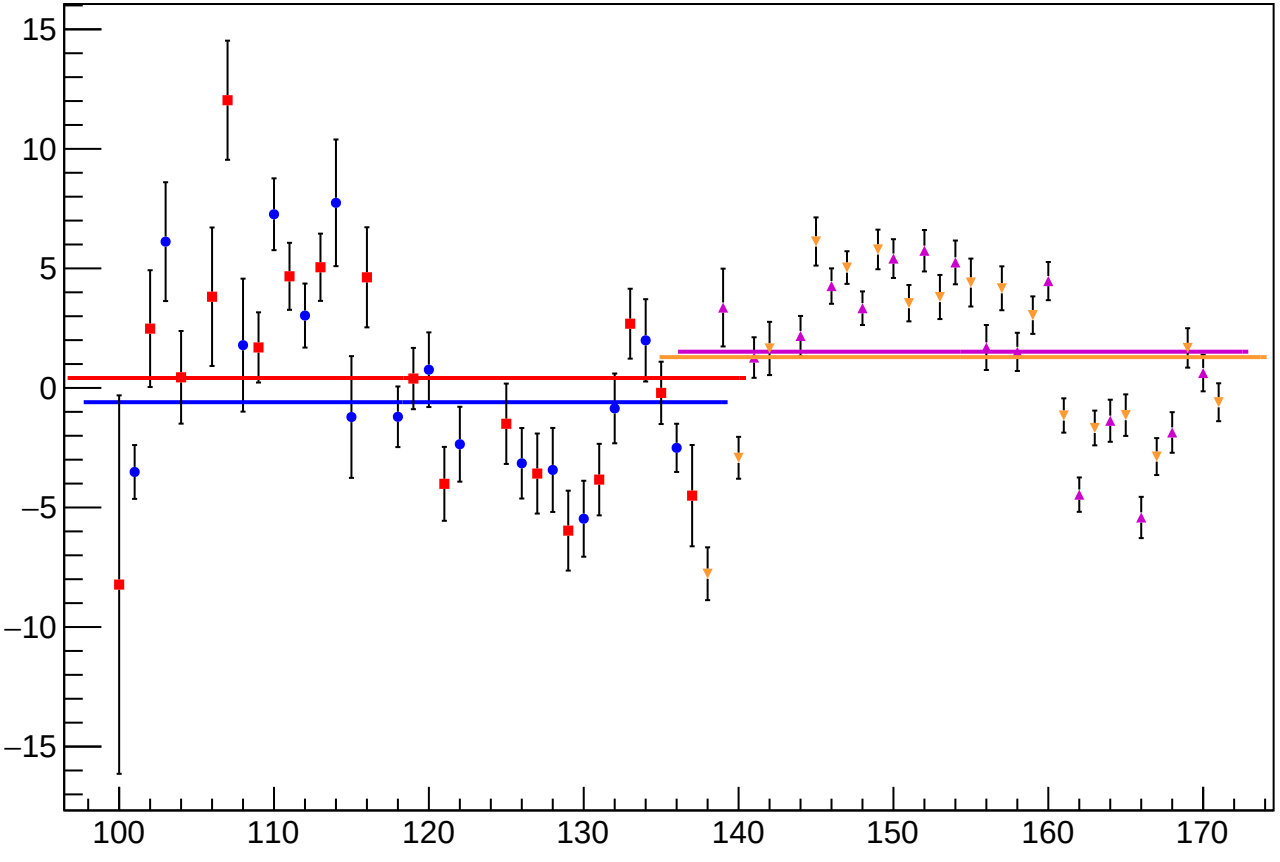
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -52.742+/-0.226 χ^2/NDF:761.6/31

Out: -51.942+/-0.225 χ^2/NDF:780.5/34

All: -52.341+/-0.159 χ^2/NDF: 1548.4/66

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: 1.289+/-0.204 χ^2/NDF:284.7/16

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 1.516+/-0.208 χ^2/NDF:261.3/15

Left: 1.400+/-0.146 χ^2/NDF: 546.5/32

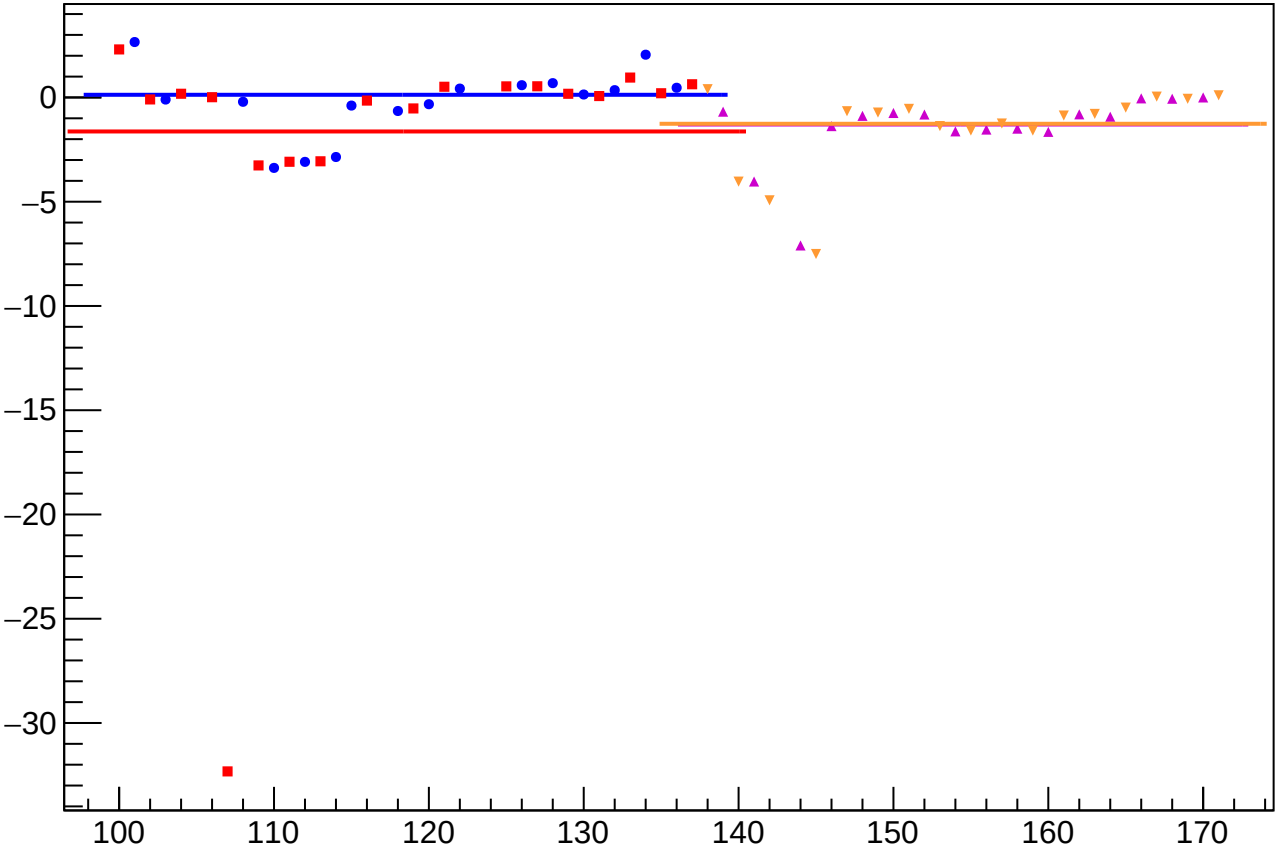
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 1.035+/-0.183 χ^2/NDF:367.2/31

Out: 1.109+/-0.181 χ^2/NDF:384.2/34

All: 1.072+/-0.129 χ^2/NDF: 751.5/66

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: -1.262+/-0.009 χ^2/NDF:36310.9/16

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -1.298+/-0.010 χ^2/NDF:24955.7/15

Left: -1.280+/-0.007 χ^2/NDF: 61273.6/32

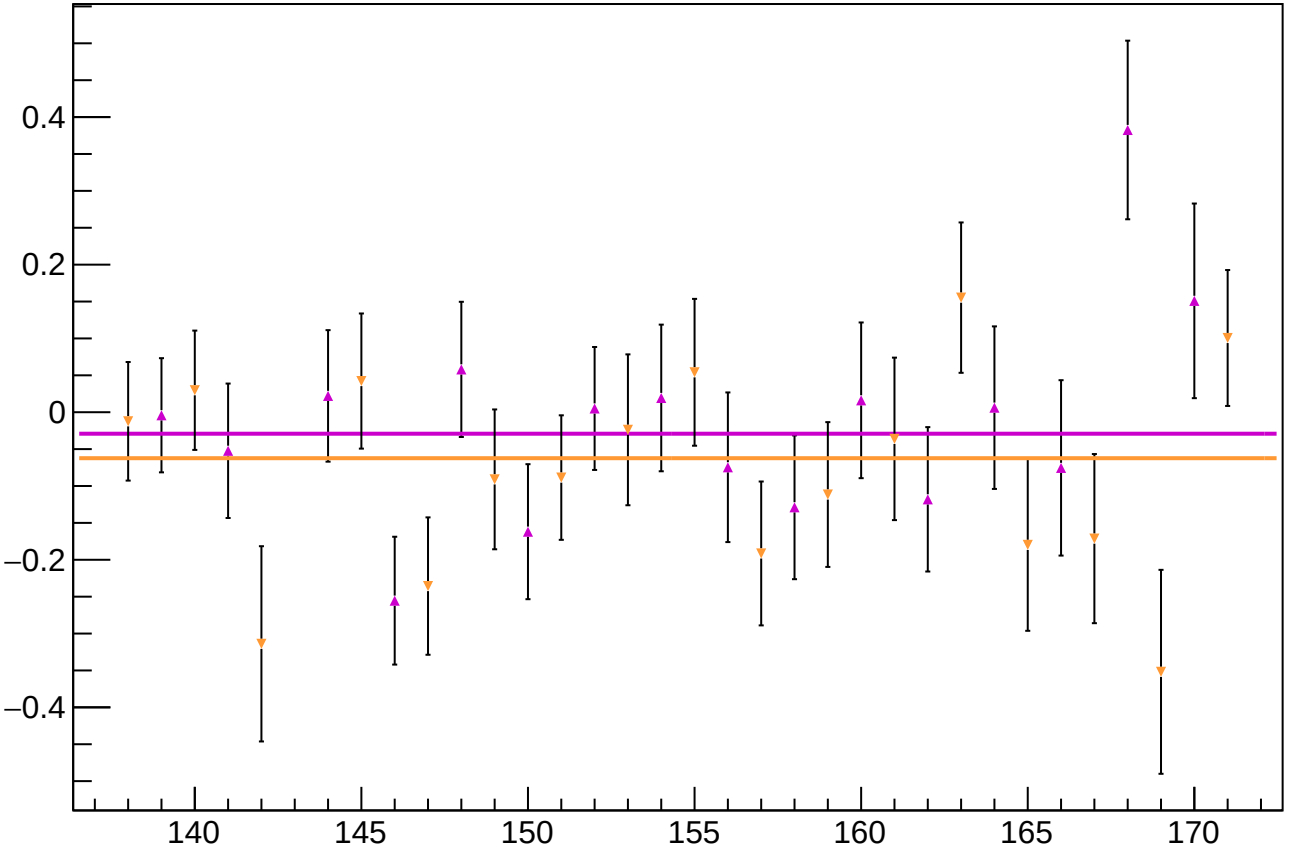
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.064+/-0.009 χ^2/NDF:33888.1/31

Out: -1.320+/-0.009 χ^2/NDF:114430.5/34

All: -1.193+/-0.006 χ^2/NDF: 148754.8/66

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: -0.062+/-0.024 χ^2/NDF:27.8/16

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

Left In: -0.029+/-0.024 χ^2/NDF:26.7/15

Left: -0.046+/-0.017 χ^2/NDF: 55.5/32

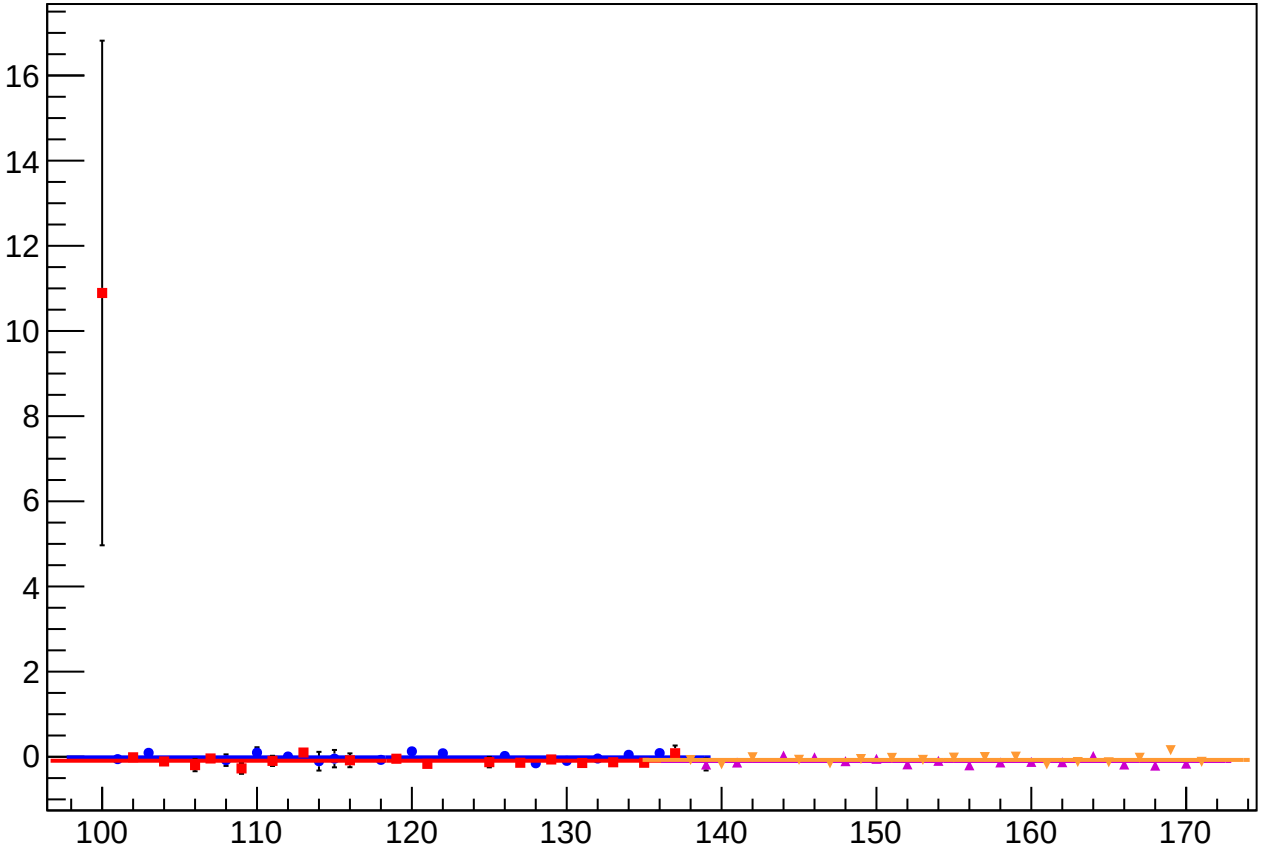
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.029+/-0.024 χ^2/NDF:26.7/15

Out: -0.062+/-0.024 χ^2/NDF:27.8/16

All: -0.046+/-0.017 χ^2/NDF: 55.5/32

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF: 12.2/15

Left Out: -0.073+/-0.017 χ^2/NDF:18.8/16

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.099+/-0.017 χ^2/NDF:16.0/15

Left: -0.086+/-0.012 χ^2/NDF: 35.9/32

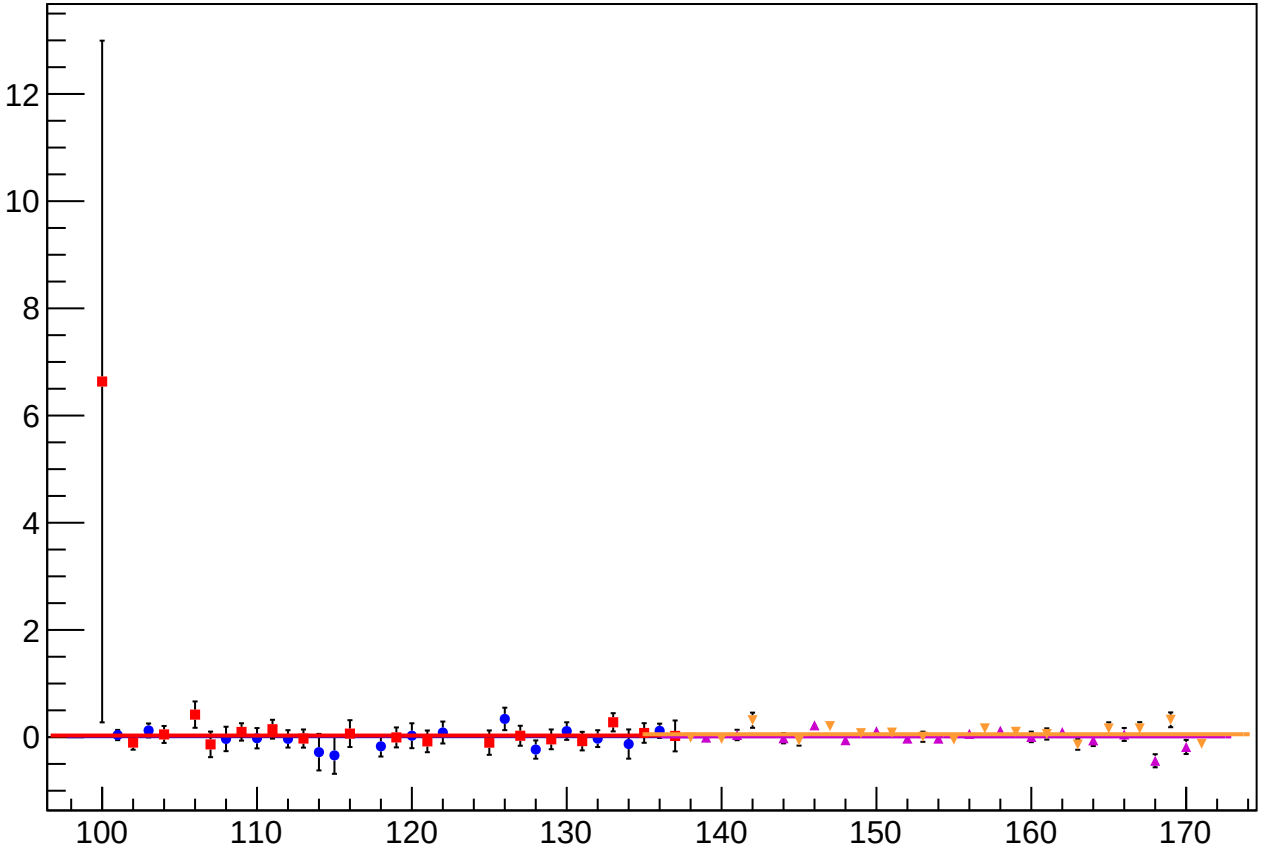
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.068+/-0.014 χ^2/NDF:37.0/31

Out: -0.079+/-0.014 χ^2/NDF:31.8/34

All: -0.074+/-0.010 χ^2/NDF: 69.1/66

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: 0.054+/-0.023 χ^2/NDF:25.7/16

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.014+/-0.024 χ^2/NDF:27.8/15

Left: 0.034+/-0.017 χ^2/NDF: 55.0/32

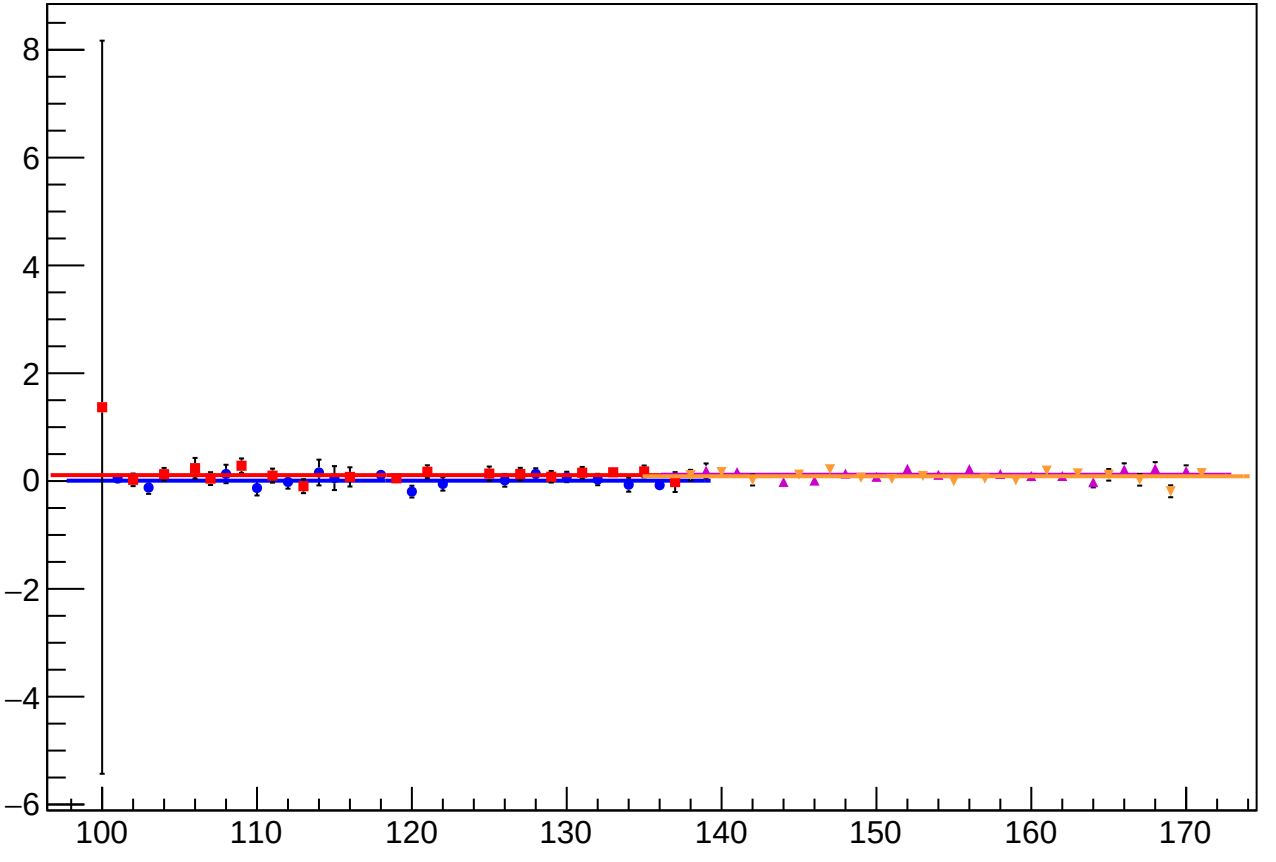
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.014+/-0.021 χ^2/NDF:37.5/31

Out: 0.049+/-0.021 χ^2/NDF:35.2/34

All: 0.031+/-0.015 χ^2/NDF: 74.0/66

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: 0.089+/-0.020 χ^2/NDF:18.9/16

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.117+/-0.020 χ^2/NDF:15.1/15

Left: 0.103+/-0.014 χ^2/NDF: 35.0/32

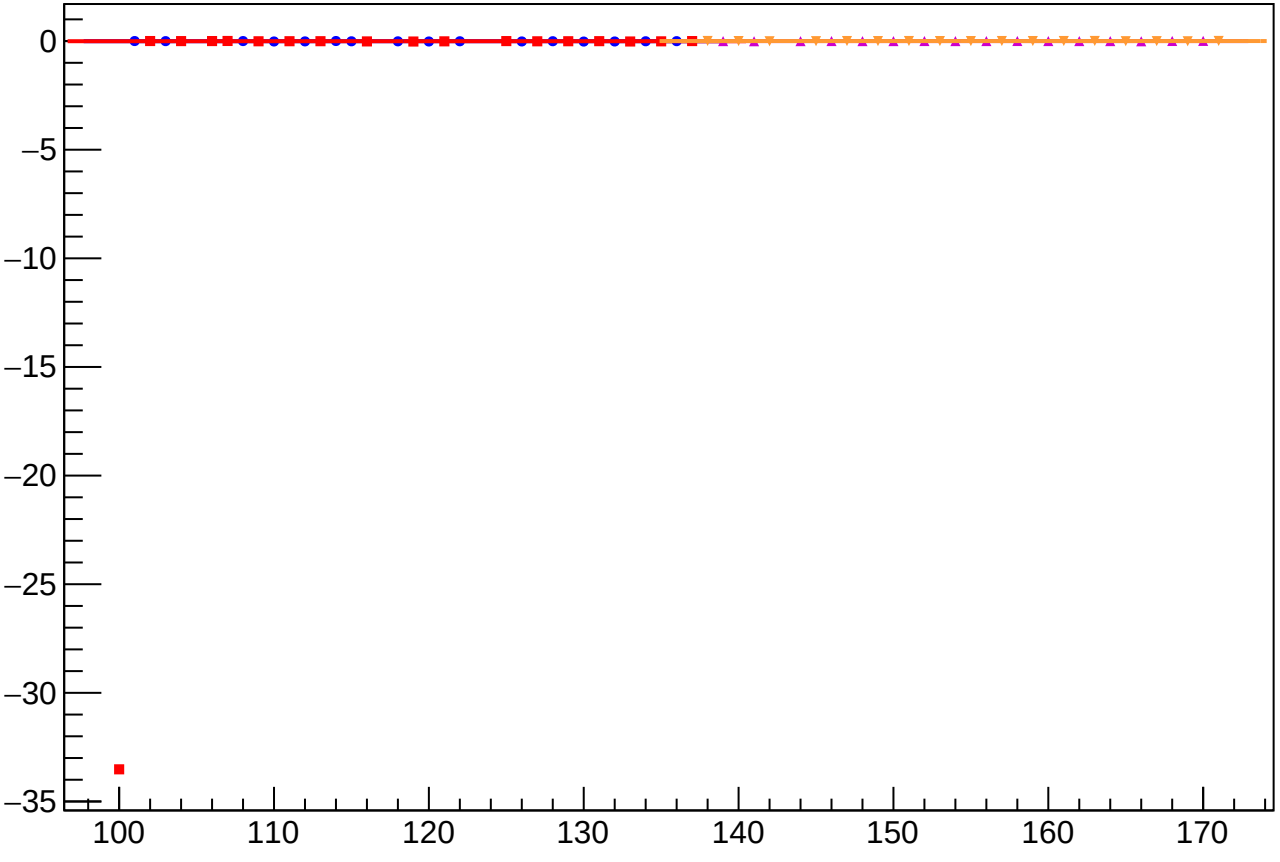
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.077+/-0.016 χ^2/NDF:38.0/31

Out: 0.095+/-0.016 χ^2/NDF:27.2/34

All: 0.086+/-0.011 χ^2/NDF: 65.8/66

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:17.5/16

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.000+/-0.001 χ^2/NDF:14.8/15

Left: 0.001+/-0.001 χ^2/NDF: 32.6/32

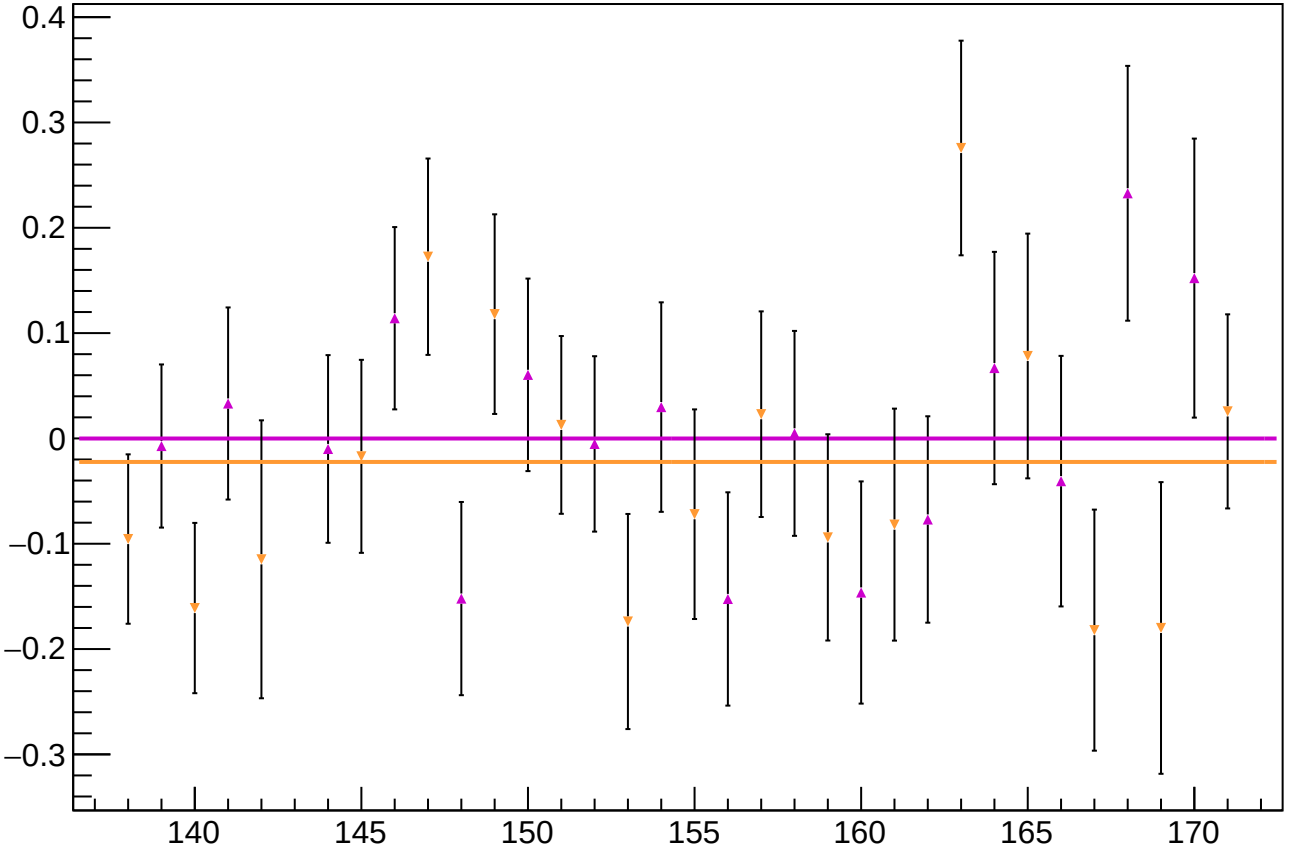
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.001+/-0.001 χ^2/NDF:49.2/31

Out: -0.001+/-0.001 χ^2/NDF:26543.0/34

All: -0.001+/-0.001 χ^2/NDF: 26592.4/66

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: -0.022+/-0.024 χ^2/NDF:27.3/16

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

Left In: -0.000+/-0.024 χ^2/NDF:15.5/15

Left: -0.011+/-0.017 χ^2/NDF: 43.2/32

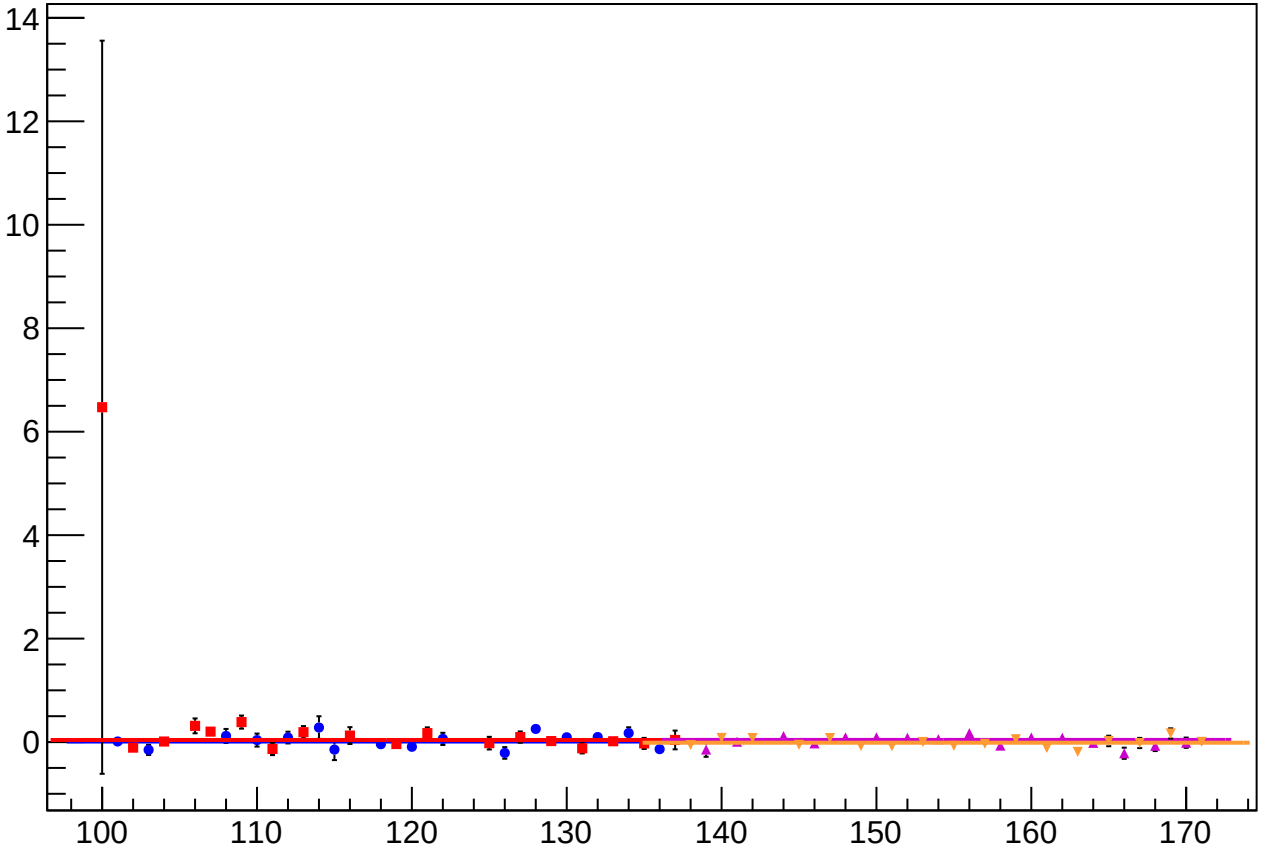
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.000+/-0.024 χ^2/NDF:15.5/15

Out: -0.022+/-0.024 χ^2/NDF:27.3/16

All: -0.011+/-0.017 χ^2/NDF: 43.2/32

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: -0.013+/-0.017 χ^2/NDF:23.0/16

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.042+/-0.017 χ^2/NDF:21.9/15

Left: 0.014+/-0.012 χ^2/NDF: 49.9/32

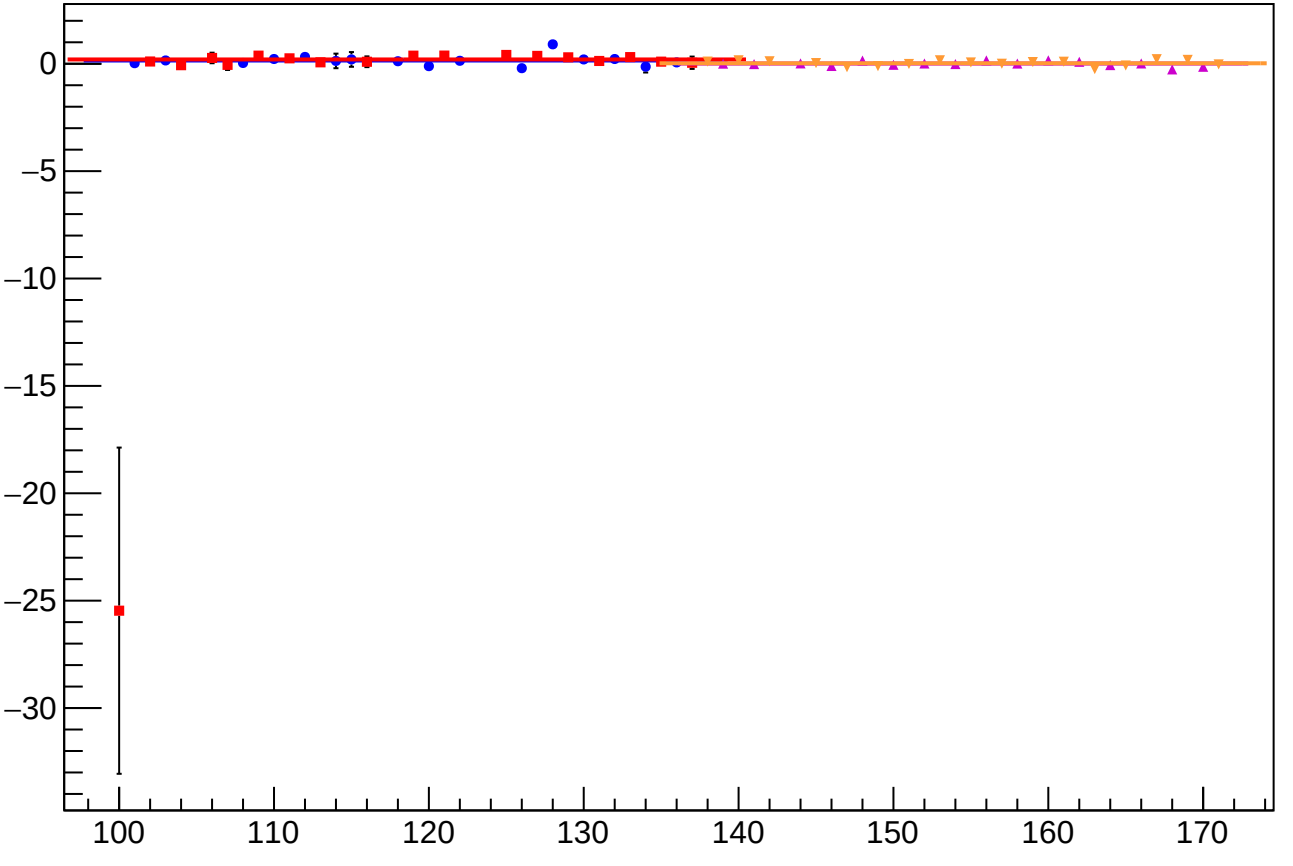
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.030+/-0.014 χ^2/NDF:48.5/31

Out: 0.004+/-0.014 χ^2/NDF:54.1/34

All: 0.017+/-0.010 χ^2/NDF: 104.3/66

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: 0.022+/-0.023 χ^2/NDF:26.7/16

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.009+/-0.024 χ^2/NDF:17.2/15

Left: 0.016+/-0.017 χ^2/NDF: 44.0/32

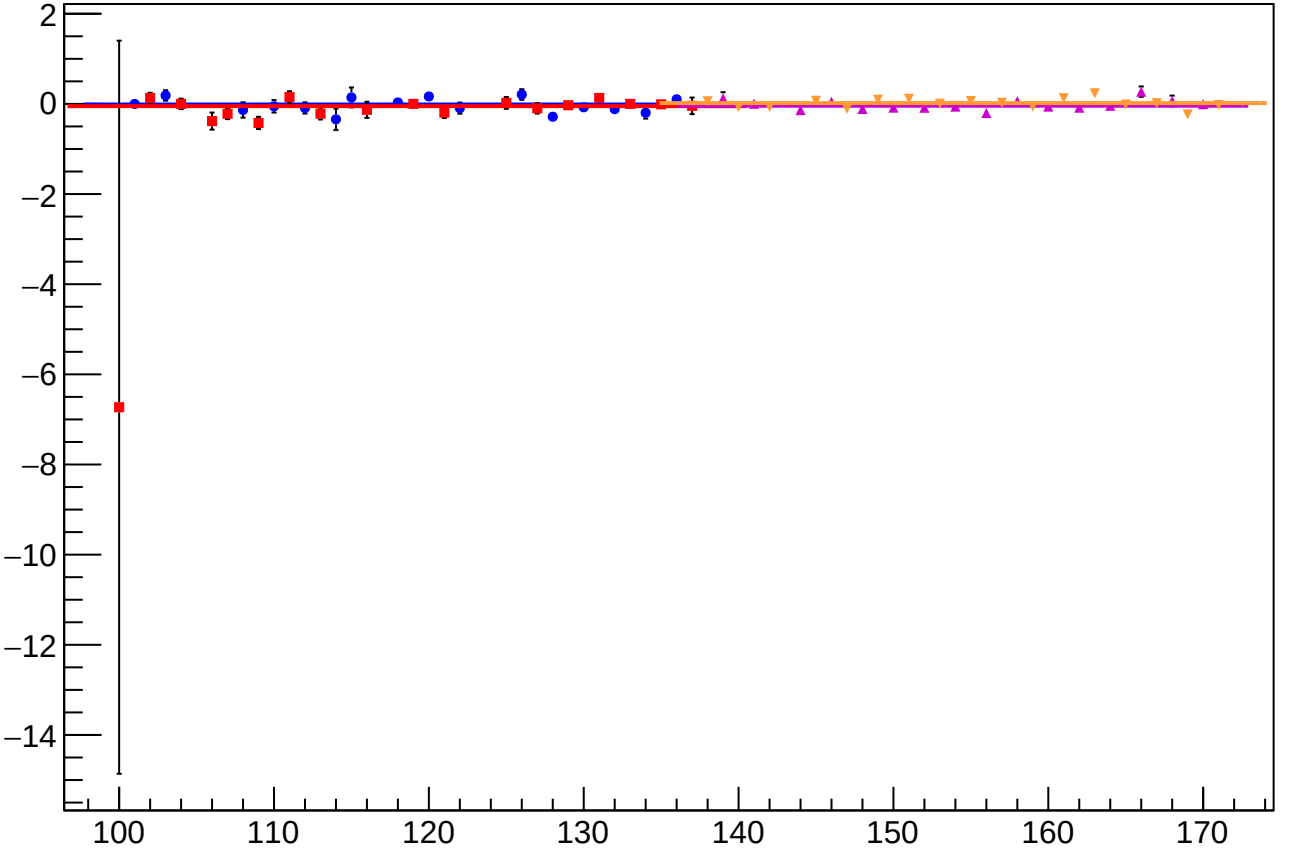
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.043+/-0.021 χ^2/NDF:54.5/31

Out: 0.060+/-0.021 χ^2/NDF:62.0/34

All: 0.051+/-0.015 χ^2/NDF: 116.8/66

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: 0.018+/-0.020 χ^2/NDF:26.0/16

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.040+/-0.020 χ^2/NDF:22.1/15

Left: -0.010+/-0.014 χ^2/NDF: 52.3/32

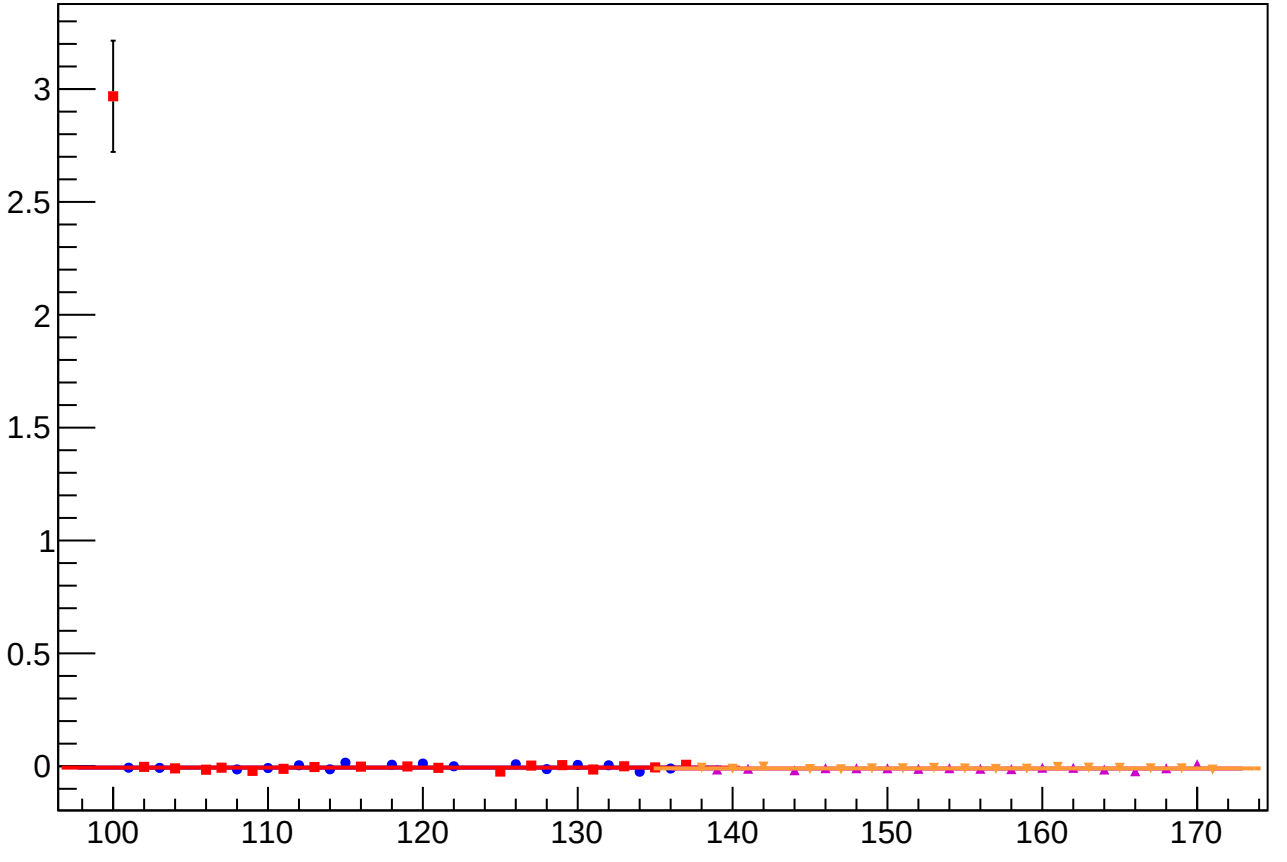
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.030+/-0.016 χ^2/NDF:47.9/31

Out: -0.004+/-0.016 χ^2/NDF:55.5/34

All: -0.017+/-0.011 χ^2/NDF: 104.8/66

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.010+/-0.001 χ^2/NDF:12.2/16

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.010+/-0.001 χ^2/NDF:29.7/15

Left: -0.010+/-0.001 χ^2/NDF: 42.2/32

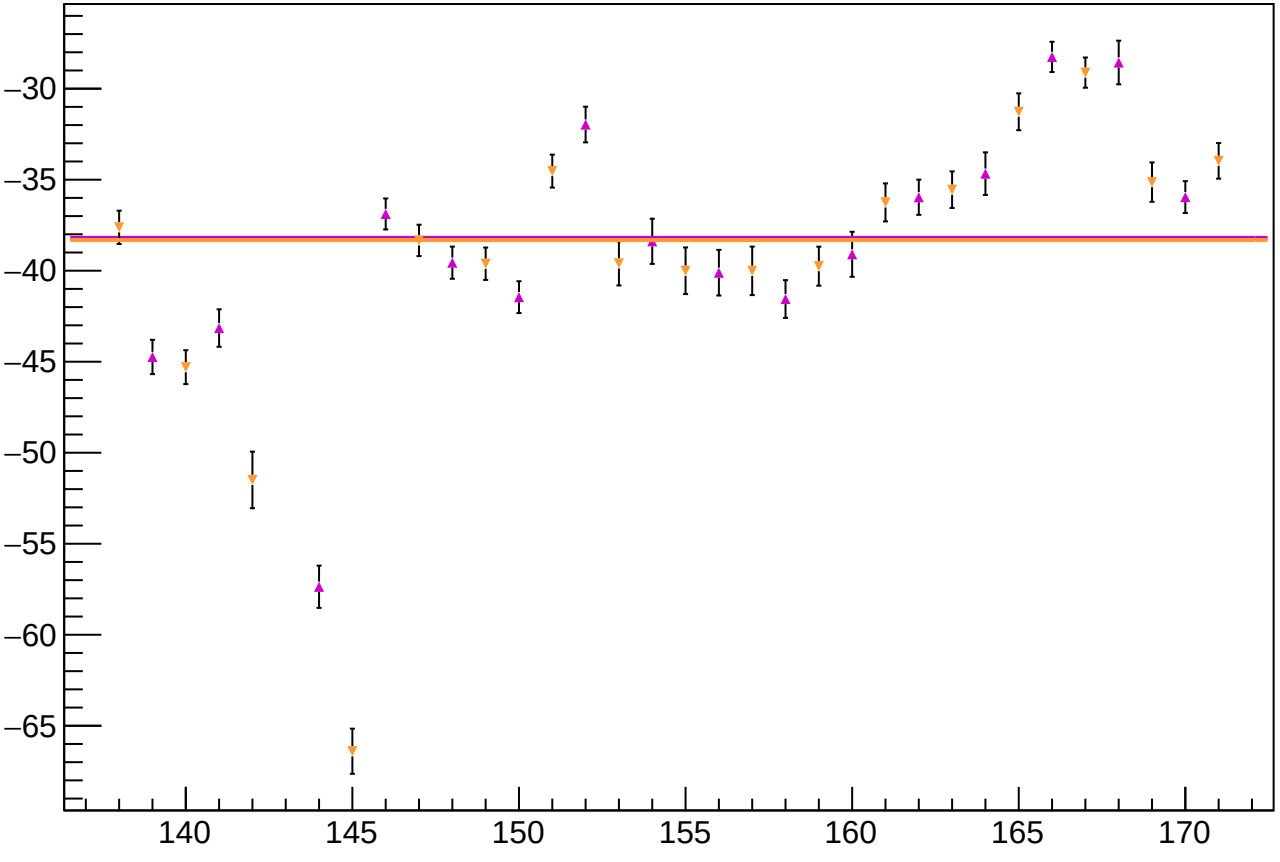
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:65.0/31

Out: -0.009+/-0.001 χ^2/NDF:182.4/34

All: -0.009+/-0.001 χ^2/NDF: 247.5/66

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: -38.315+/-0.249 χ^2/NDF:878.7/16

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

Left In: -38.199+/-0.250 χ^2/NDF:645.0/15

Left: -38.257+/-0.176 χ^2/NDF: 1523.8/32

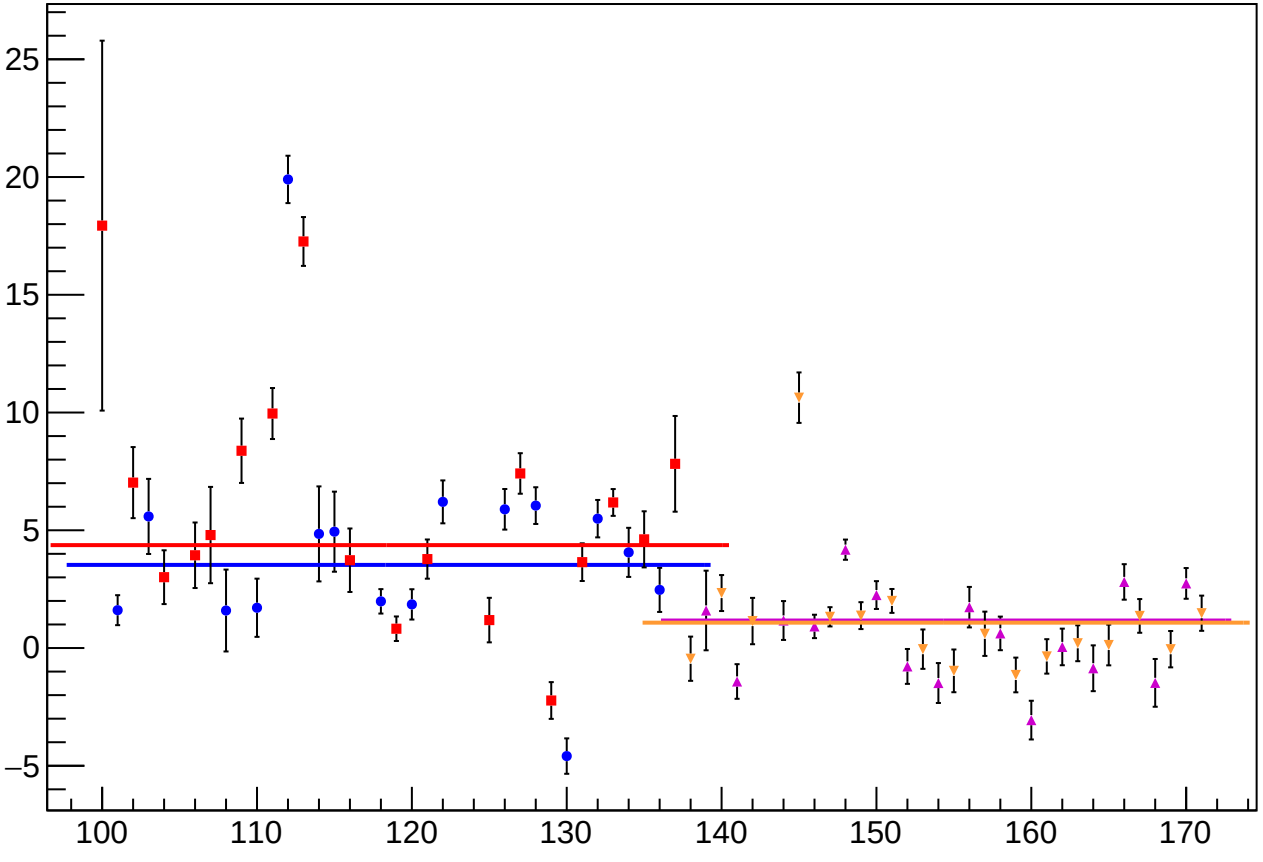
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.199+/-0.250 χ^2/NDF:645.0/15

Out: -38.315+/-0.249 χ^2/NDF:878.7/16

All: -38.257+/-0.176 χ^2/NDF: 1523.8/32

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: 1.078+/-0.172 χ^2/NDF:114.0/16

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.168+/-0.177 χ^2/NDF:133.3/15

Left: 1.122+/-0.124 χ^2/NDF: 247.4/32

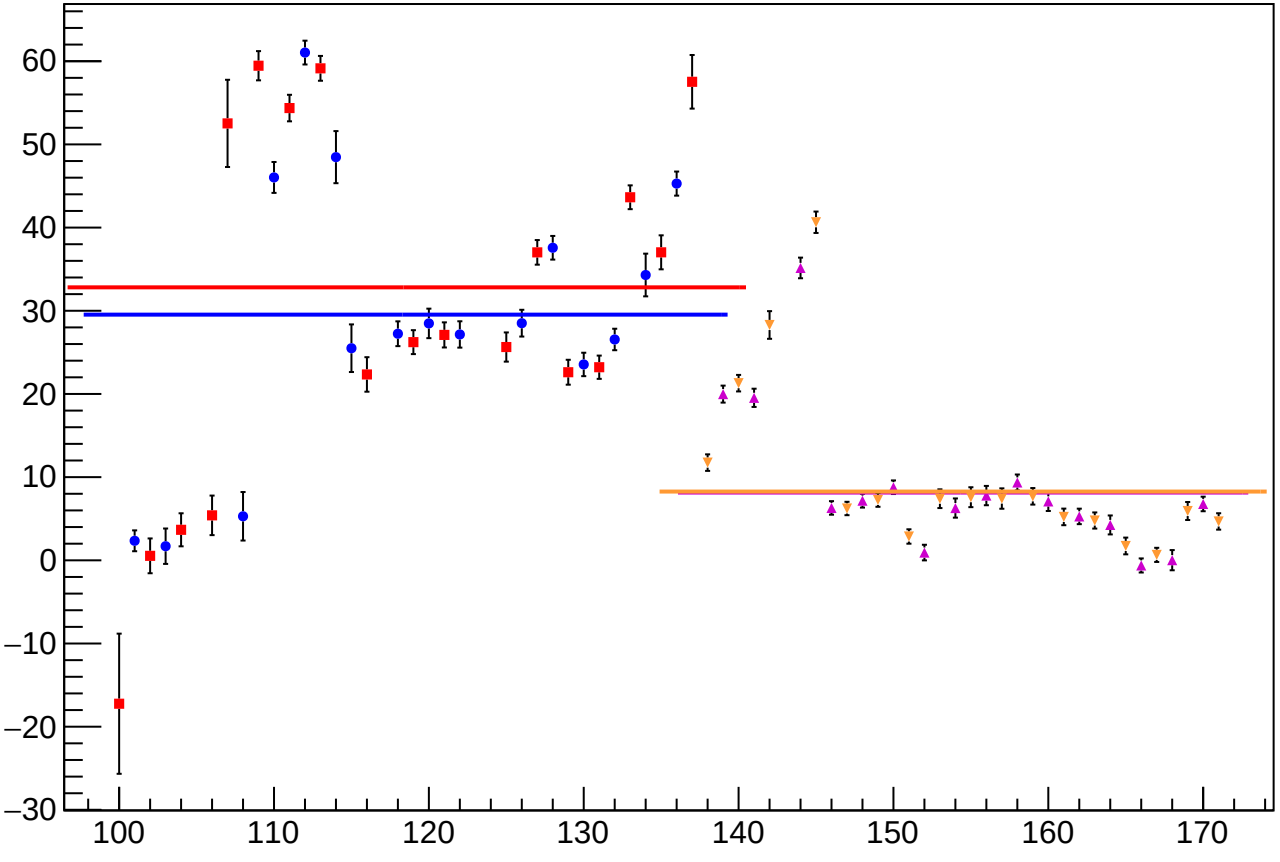
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.111+/-0.137 χ^2/NDF:650.7/31

Out: 2.292+/-0.137 χ^2/NDF:602.4/34

All: 2.202+/-0.097 χ^2/NDF: 1254.1/66

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: 8.267+/-0.244 χ^2/NDF:1173.8/16

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 8.144+/-0.245 χ^2/NDF:962.9/15

Left: 8.206+/-0.173 χ^2/NDF: 2136.8/32

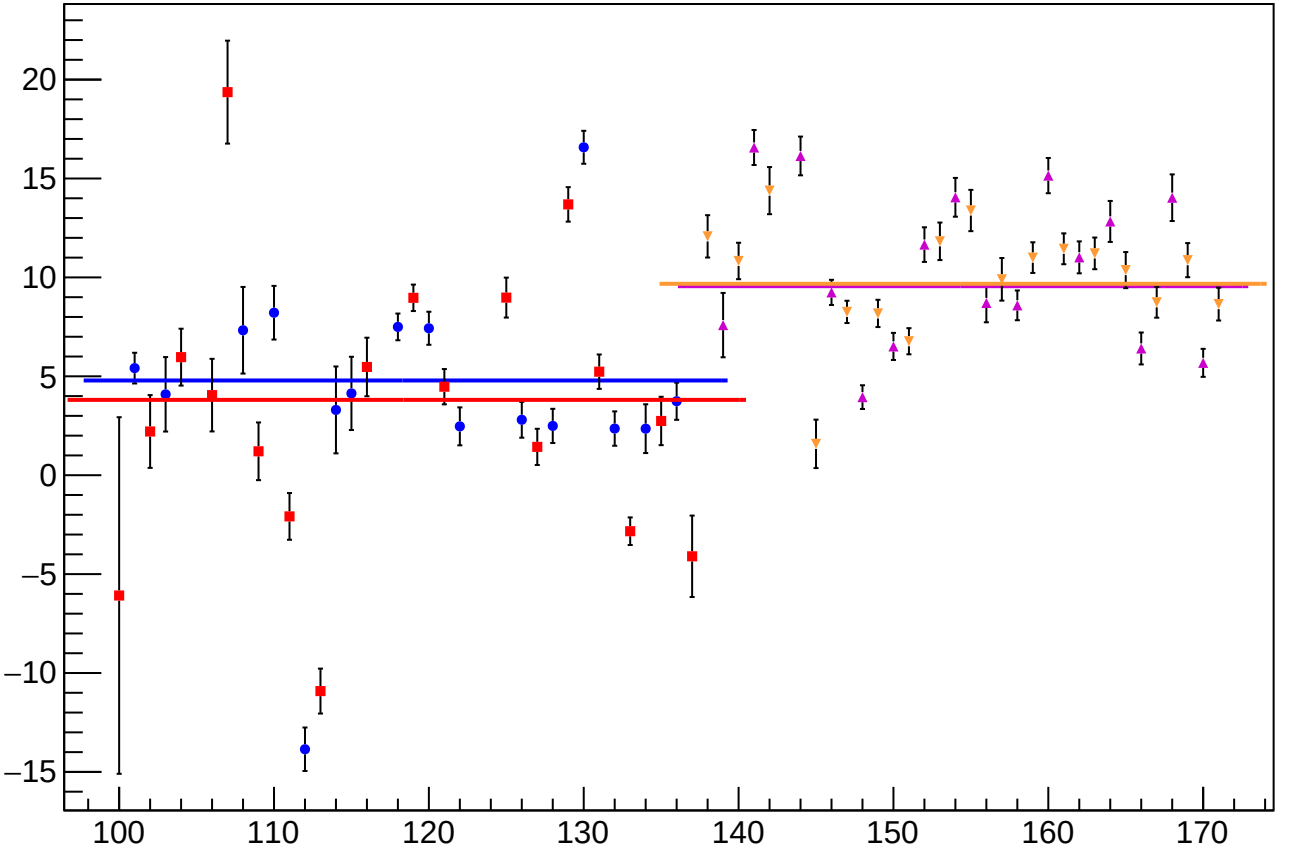
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 13.633+/-0.211 χ^2/NDF:4416.2/31

Out: 14.397+/-0.211 χ^2/NDF:5362.0/34

All: 14.015+/-0.149 χ^2/NDF: 9784.8/66

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: 9.677+/-0.203 χ^2/NDF:131.3/16

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.556+/-0.208 χ^2/NDF:358.3/15

Left: 9.618+/-0.145 χ^2/NDF: 489.8/32

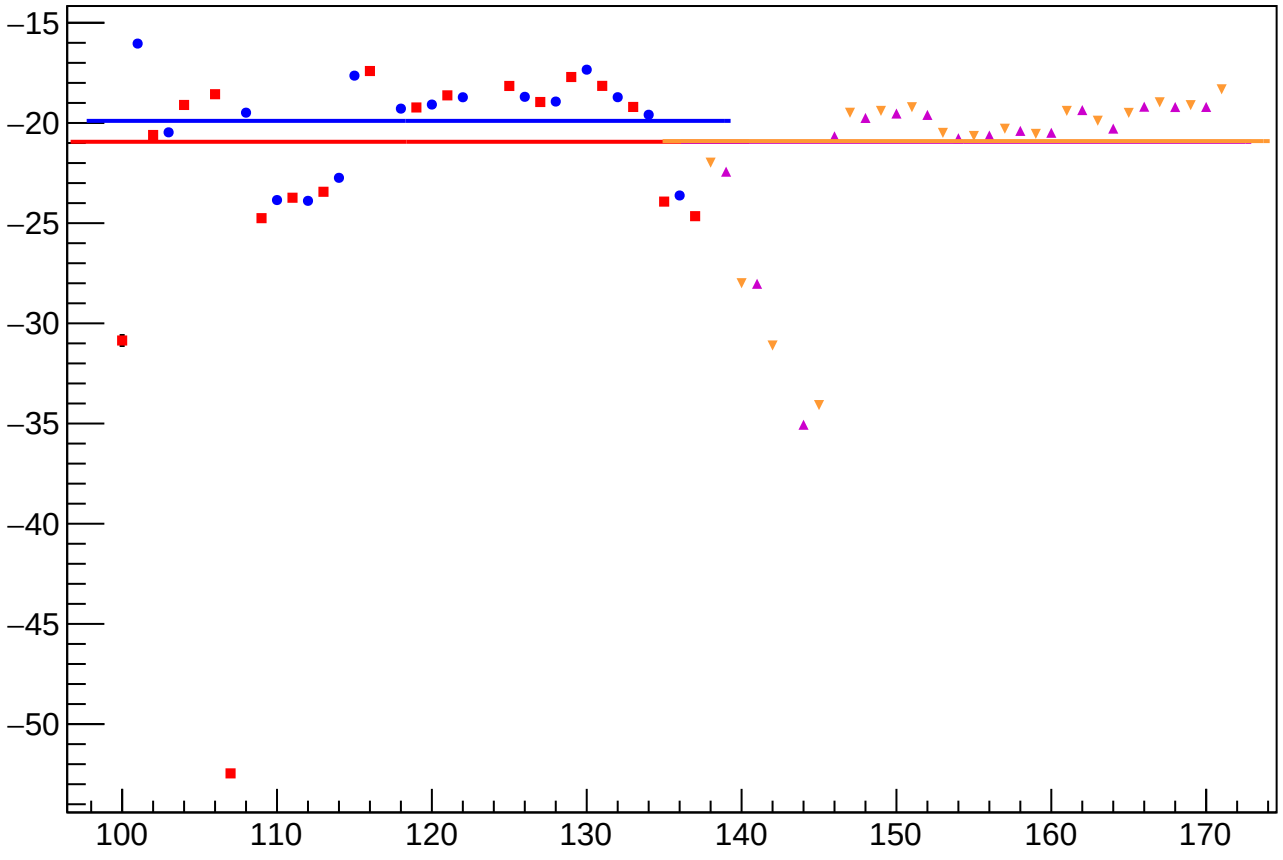
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 7.622+/-0.160 χ^2/NDF:1126.3/31

Out: 7.449+/-0.160 χ^2/NDF:1017.6/34

All: 7.535+/-0.113 χ^2/NDF: 2144.5/66

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -20.905+/-0.010 χ^2/NDF:137463.7/16

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -20.943+/-0.010 χ^2/NDF:107717.6/15

Left: -20.924+/-0.007 χ^2/NDF: 245189.1/32

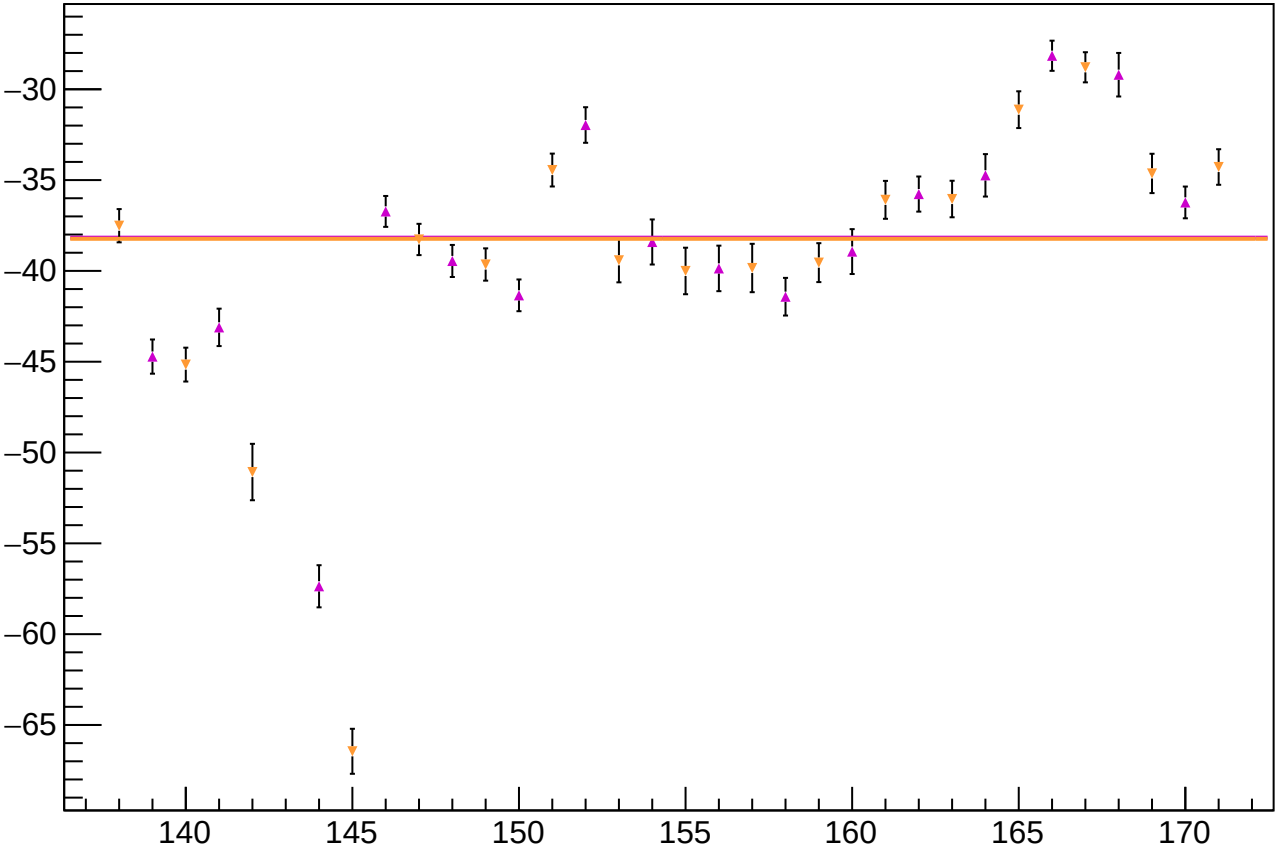
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -20.651+/-0.008 χ^2/NDF:137059.6/31

Out: -20.914+/-0.008 χ^2/NDF:231532.2/34

All: -20.783+/-0.006 χ^2/NDF: 369104.5/66

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: -38.232+/-0.248 χ^2/NDF:884.1/16

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

Left In: -38.171+/-0.250 χ^2/NDF:636.8/15

Left: -38.202+/-0.176 χ^2/NDF: 1520.9/32

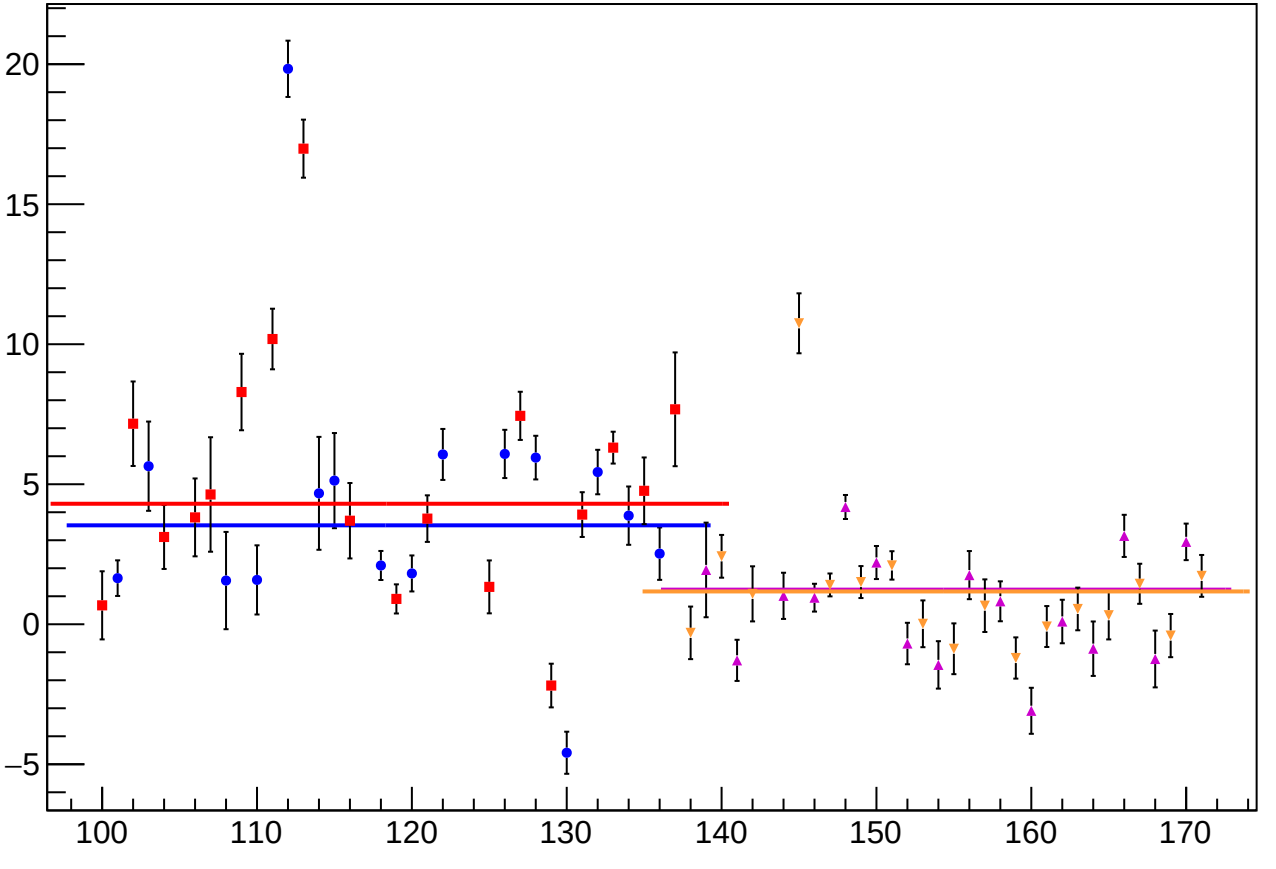
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.171+/-0.250 χ^2/NDF:636.8/15

Out: -38.232+/-0.248 χ^2/NDF:884.1/16

All: -38.202+/-0.176 χ^2/NDF: 1520.9/32

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: 1.172+/-0.172 χ^2/NDF:116.4/16

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.236+/-0.177 χ^2/NDF:133.9/15

Left: 1.203+/-0.124 χ^2/NDF: 250.3/32

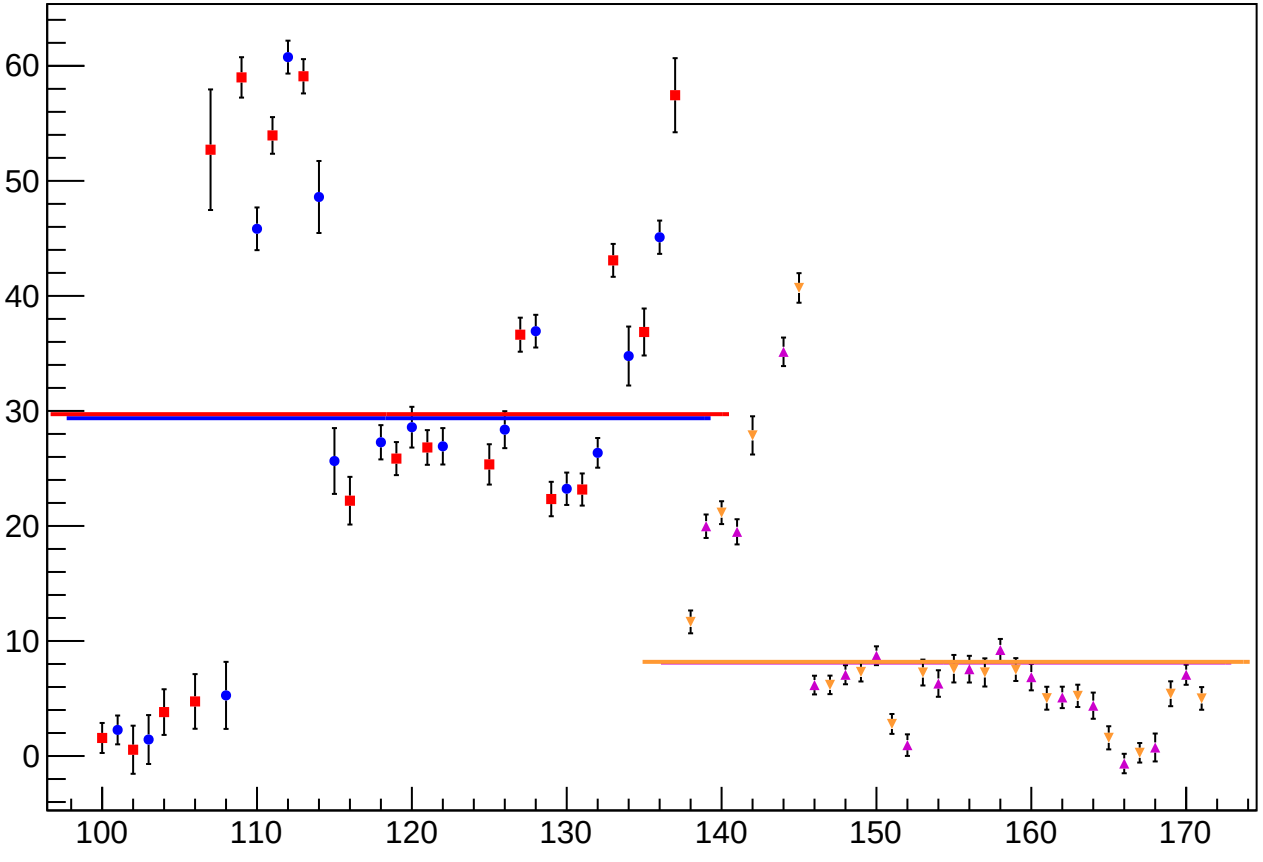
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.154+/-0.137 χ^2/NDF:644.2/31

Out: 2.351+/-0.136 χ^2/NDF:593.7/34

All: 2.253+/-0.097 χ^2/NDF: 1239.0/66

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: 8.186+/-0.244 χ^2/NDF:1177.0/16

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 8.127+/-0.245 χ^2/NDF:956.7/15

Left: 8.156+/-0.173 χ^2/NDF: 2133.7/32

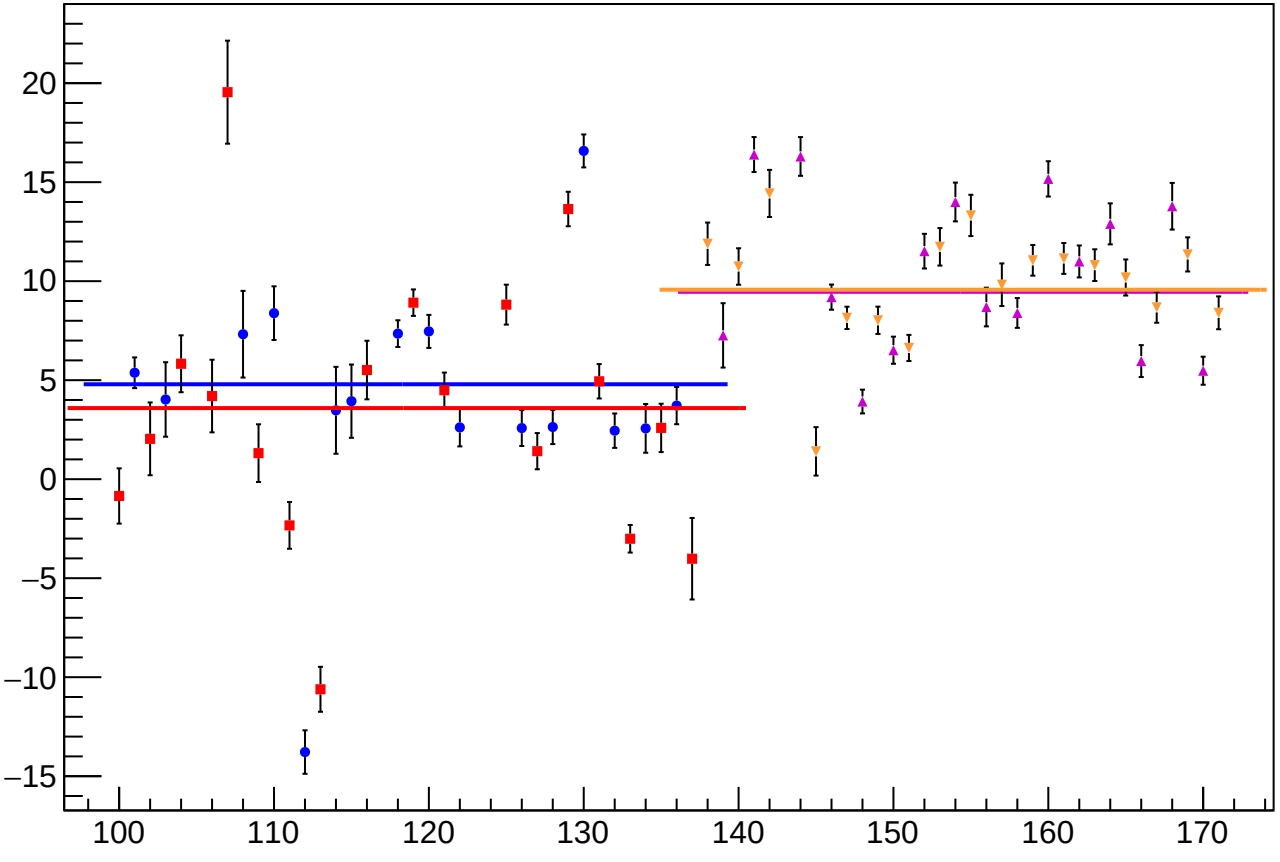
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 13.578+/-0.211 χ^2/NDF:4378.8/31

Out: 13.967+/-0.209 χ^2/NDF:5400.7/34

All: 13.774+/-0.148 χ^2/NDF: 9781.3/66

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: 9.568+/-0.202 χ^2/NDF:135.2/16

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.463+/-0.207 χ^2/NDF:365.5/15

Left: 9.517+/-0.145 χ^2/NDF: 500.8/32

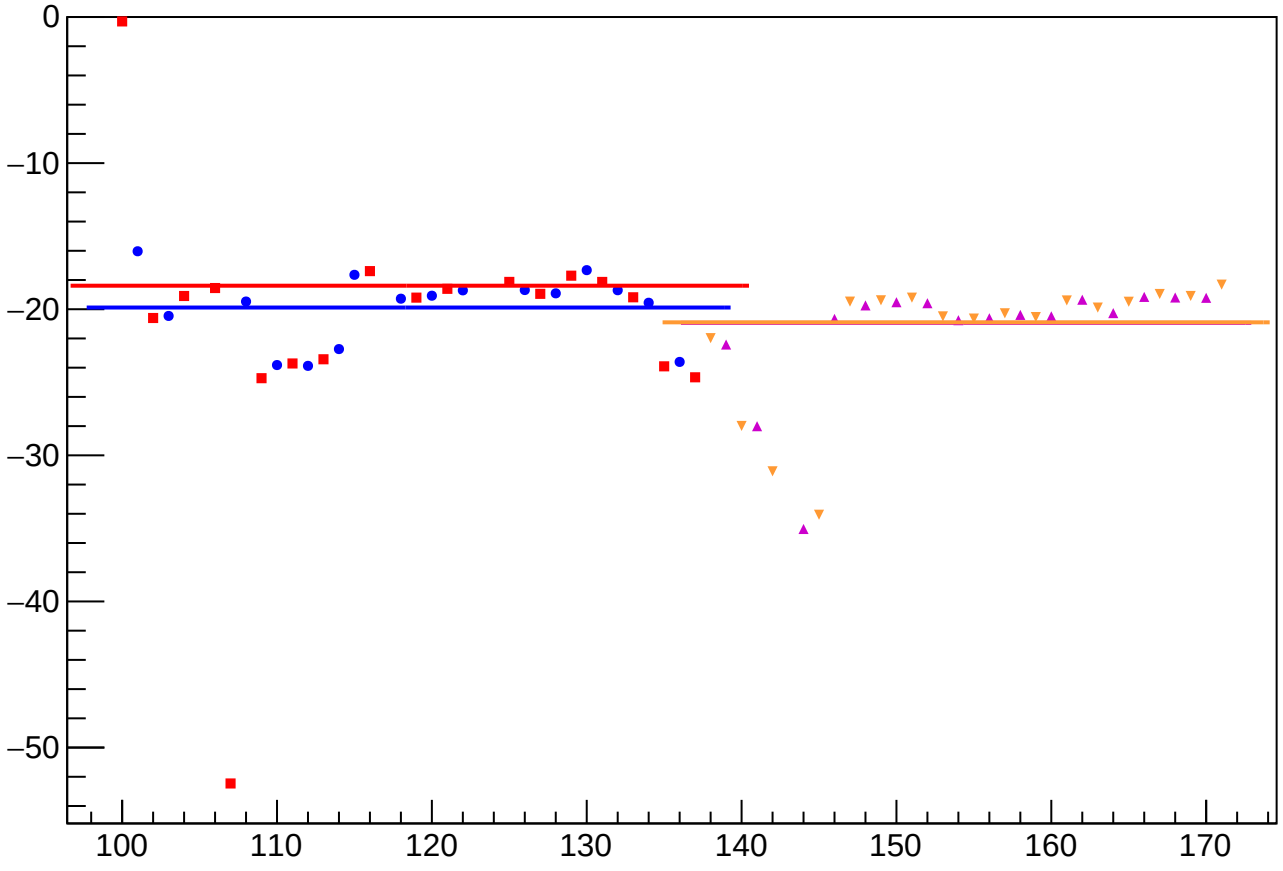
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 7.569+/-0.160 χ^2/NDF:1121.0/31

Out: 7.252+/-0.158 χ^2/NDF:1046.3/34

All: 7.409+/-0.113 χ^2/NDF: 2169.3/66

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -20.897+/-0.010 χ^2/NDF:137555.0/16

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -20.934+/-0.010 χ^2/NDF:107614.7/15

Left: -20.915+/-0.007 χ^2/NDF: 245177.2/32

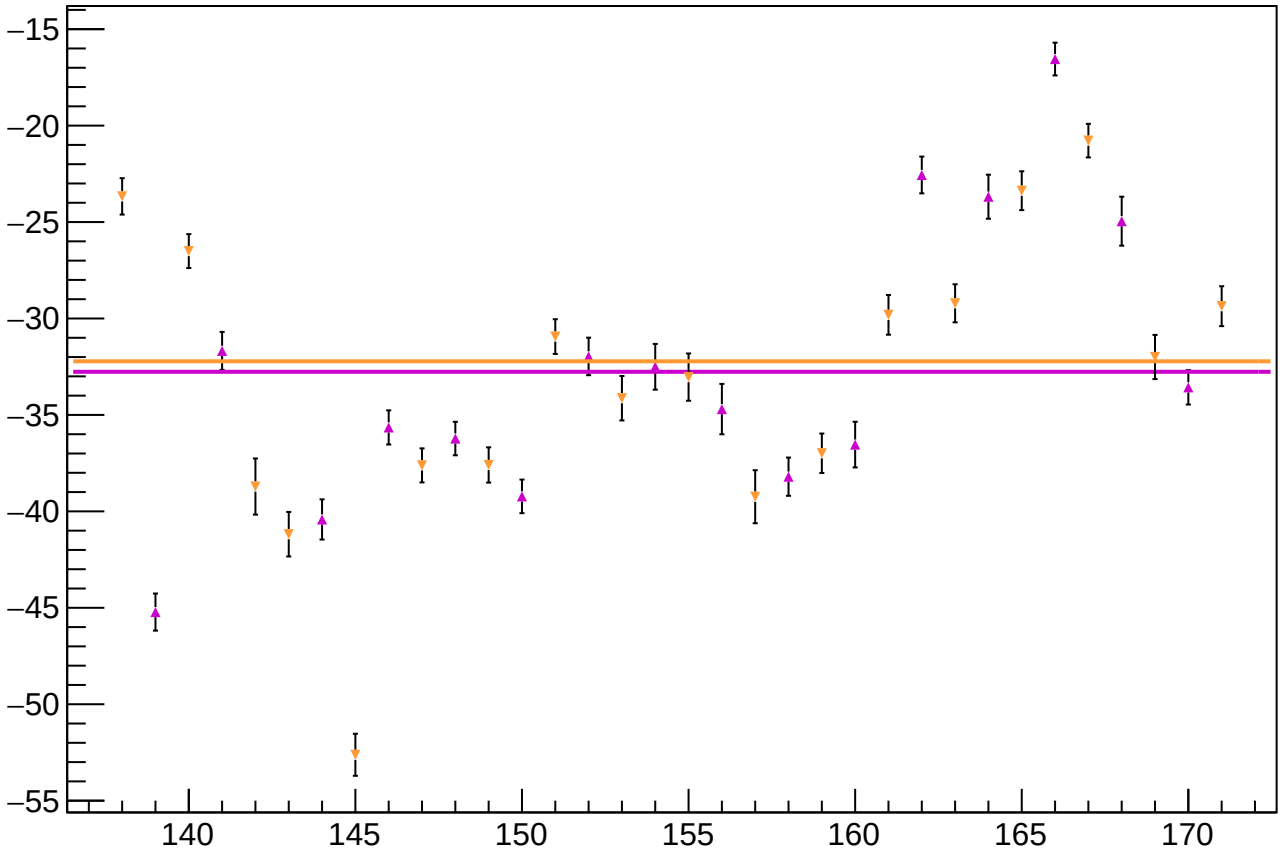
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -20.641+/-0.008 χ^2/NDF:136970.7/31

Out: -20.148+/-0.008 χ^2/NDF:459097.6/34

All: -20.390+/-0.006 χ^2/NDF: 597907.8/66

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: -32.219+/-0.242 χ^2/NDF:952.8/17

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

Left In: -32.763+/-0.249 χ^2/NDF:929.0/15

Left: -32.484+/-0.173 χ^2/NDF: 1884.3/33

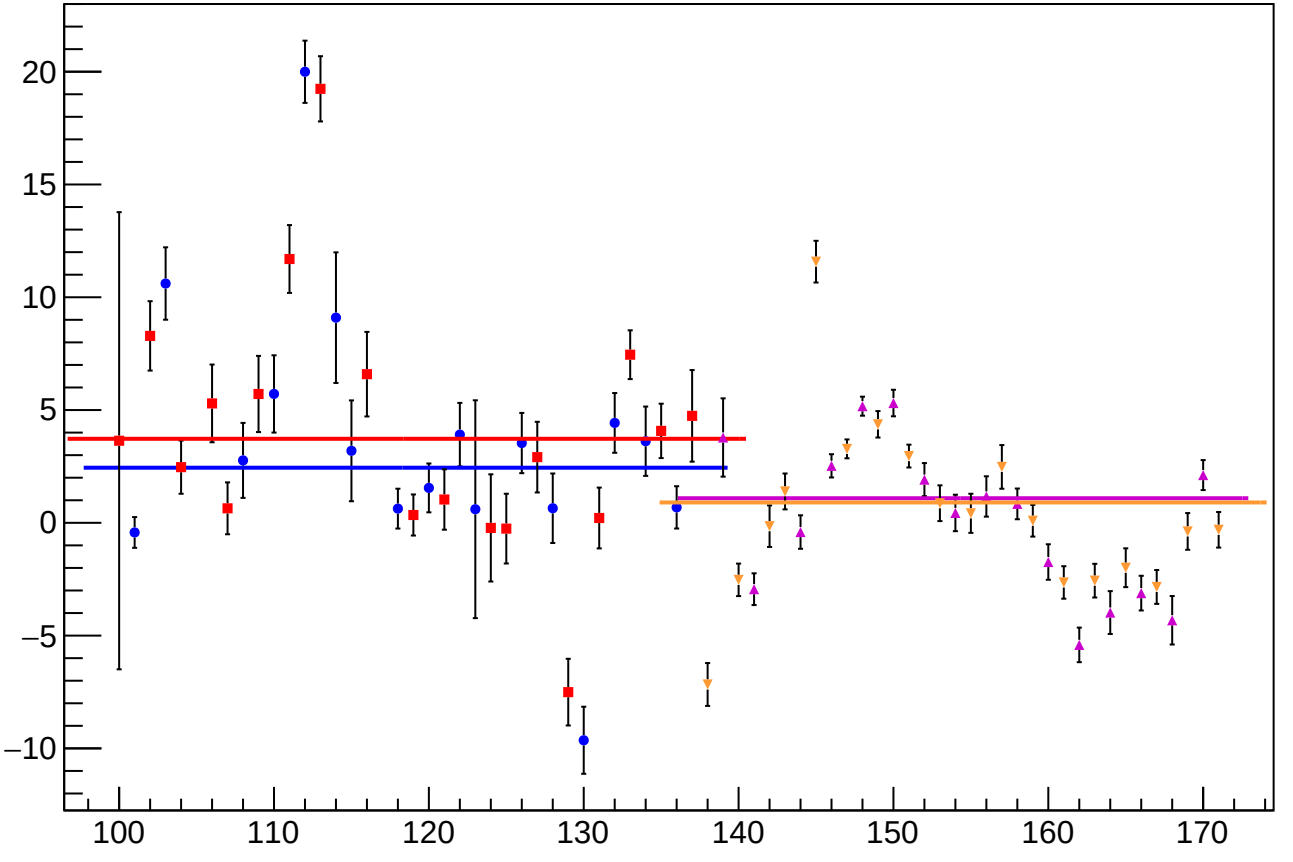
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.763+/-0.249 χ^2/NDF:929.0/15

Out: -32.219+/-0.242 χ^2/NDF:952.8/17

All: -32.484+/-0.173 χ^2/NDF: 1884.3/33

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 0.903+/-0.168 χ^2/NDF:404.7/17

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 1.090+/-0.175 χ^2/NDF:365.6/15

Left: 0.992+/-0.121 χ^2/NDF: 770.9/33

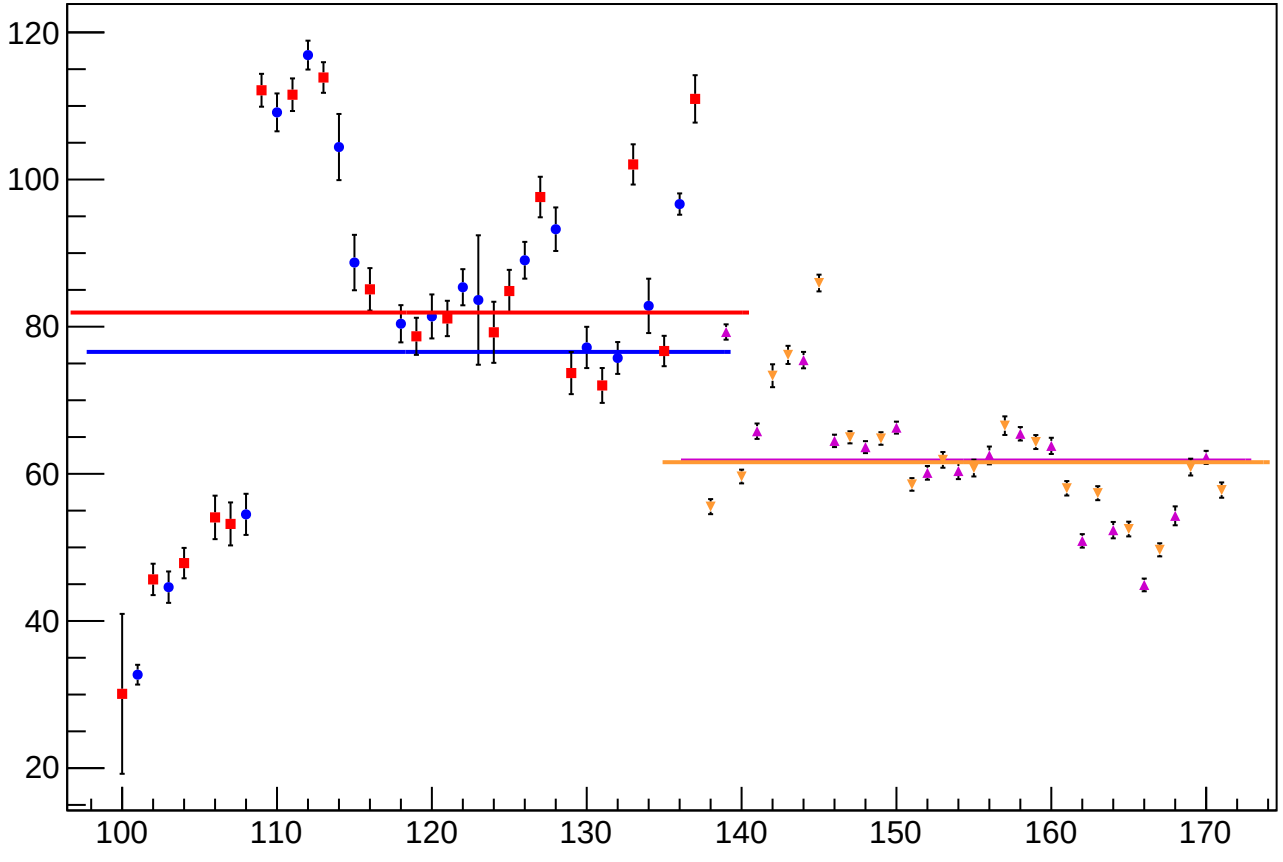
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 1.417+/-0.153 χ^2/NDF:675.3/32

Out: 1.492+/-0.149 χ^2/NDF:732.8/36

All: 1.455+/-0.107 χ^2/NDF: 1408.3/69

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: 61.581+/-0.238 χ^2/NDF:1069.7/17

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 61.810+/-0.243 χ^2/NDF:1146.4/15

Left: 61.693+/-0.170 χ^2/NDF: 2216.6/33

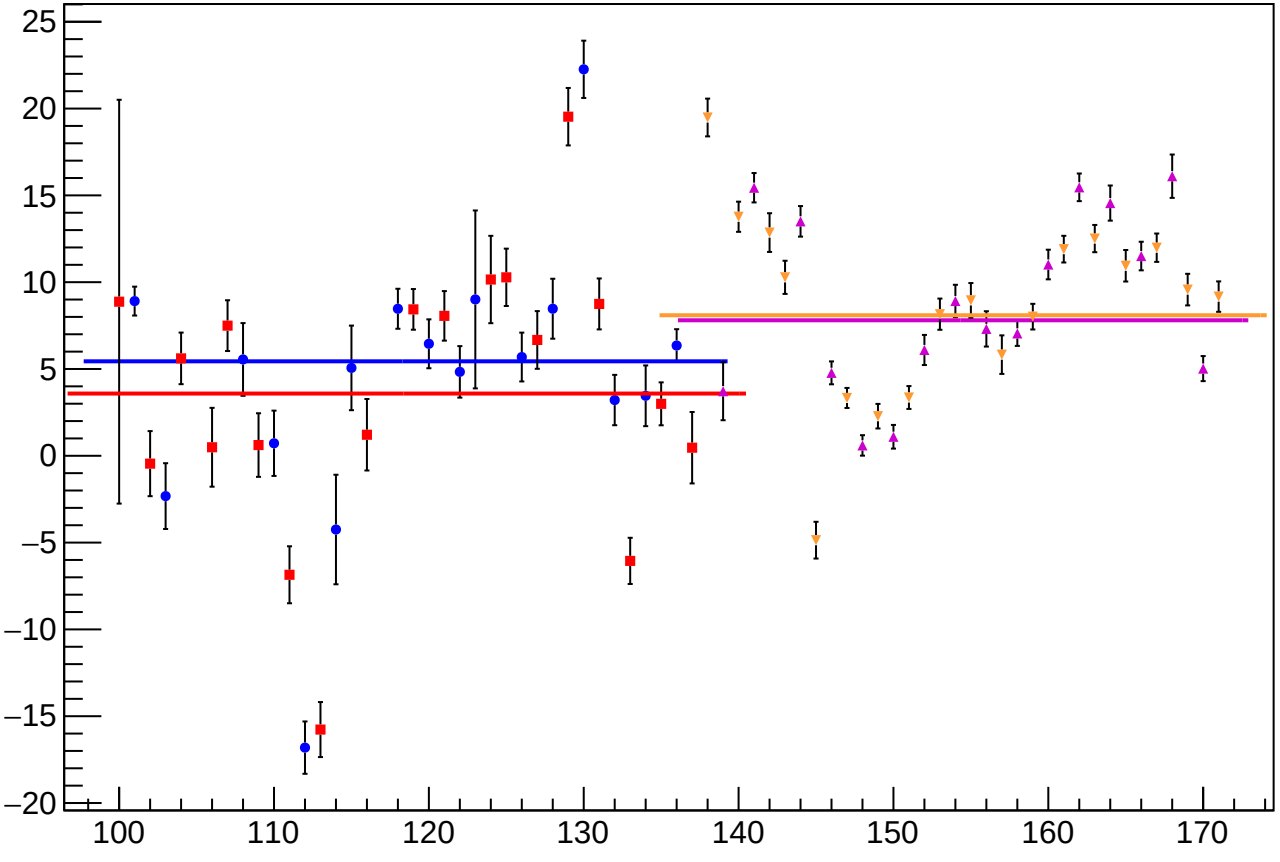
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 64.060+/-0.224 χ^2/NDF:3962.0/32

Out: 64.420+/-0.221 χ^2/NDF:3656.5/36

All: 64.242+/-0.157 χ^2/NDF: 7619.8/69

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 8.095+/-0.197 χ^2/NDF:610.7/17

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 7.805+/-0.205 χ^2/NDF:633.9/15

Left: 7.956+/-0.142 χ^2/NDF: 1245.6/33

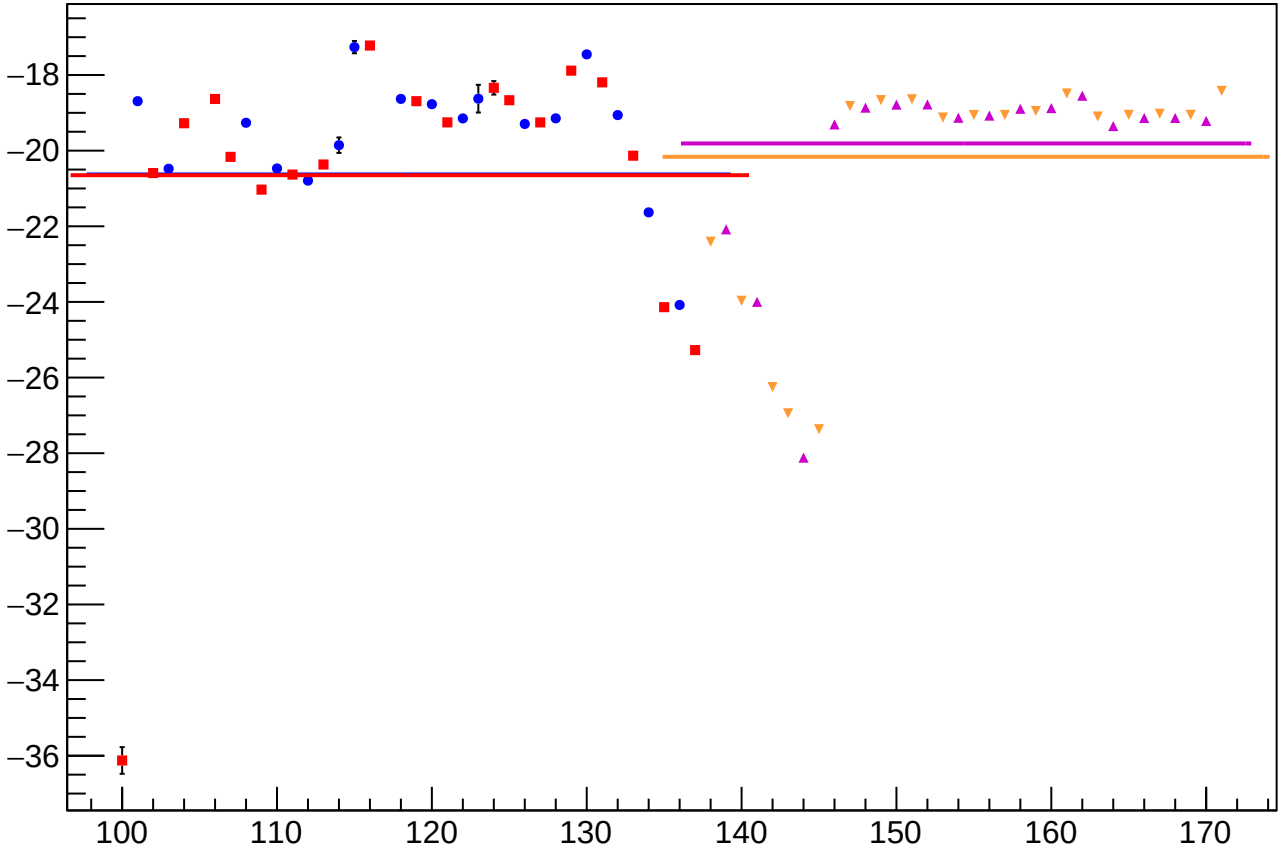
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 7.218+/-0.178 χ^2/NDF:1054.2/32

Out: 7.119+/-0.175 χ^2/NDF:1147.1/36

All: 7.167+/-0.125 χ^2/NDF: 2201.5/69

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: -20.162+/-0.009 χ^2/NDF:81196.1/17

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.810+/-0.010 χ^2/NDF:49255.8/15

Left: -19.990+/-0.007 χ^2/NDF: 131138.4/33

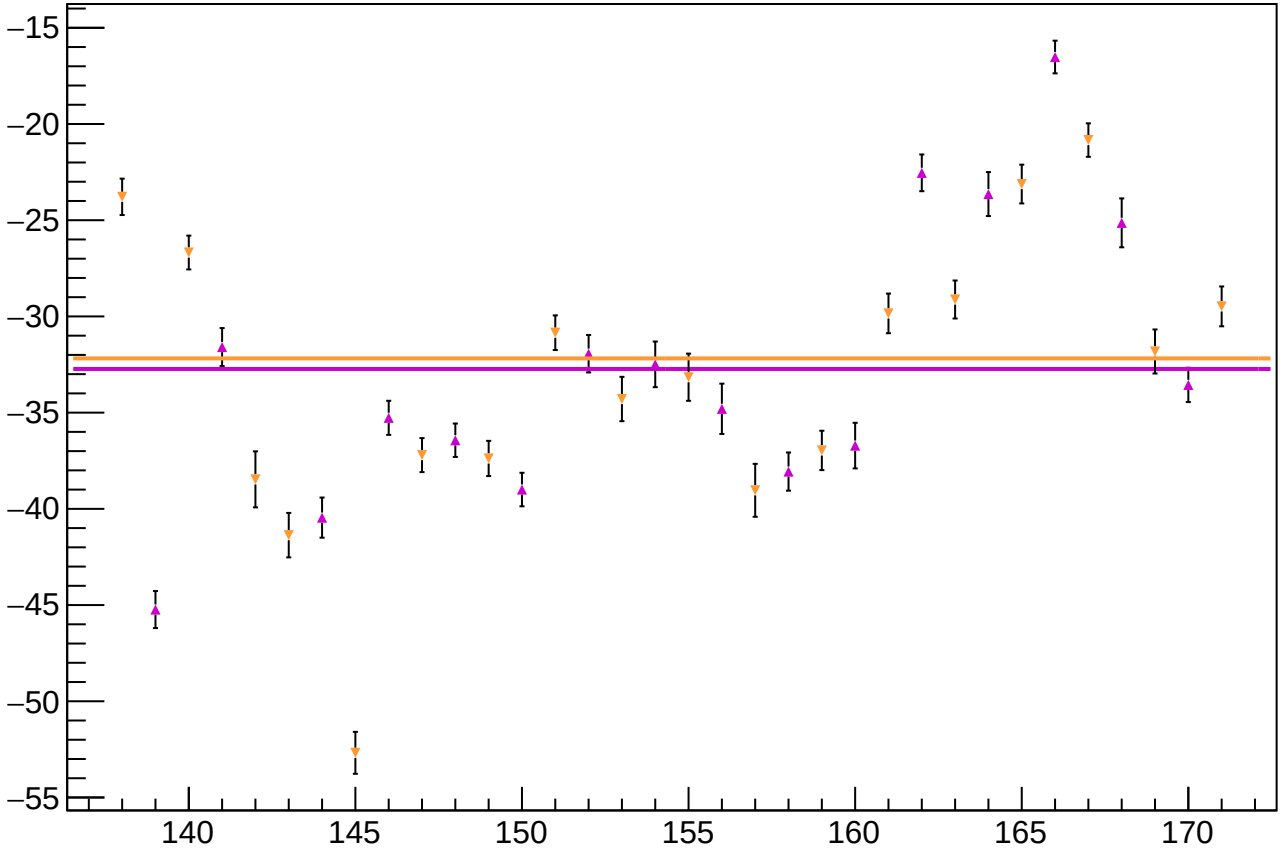
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -19.973+/-0.009 χ^2/NDF:63197.2/32

Out: -20.255+/-0.008 χ^2/NDF:95591.2/36

All: -20.116+/-0.006 χ^2/NDF: 159332.9/69

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: -32.182+/-0.242 χ^2/NDF:943.7/17

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

Left In: -32.730+/-0.249 χ^2/NDF:924.6/15

Left: -32.449+/-0.174 χ^2/NDF: 1870.8/33

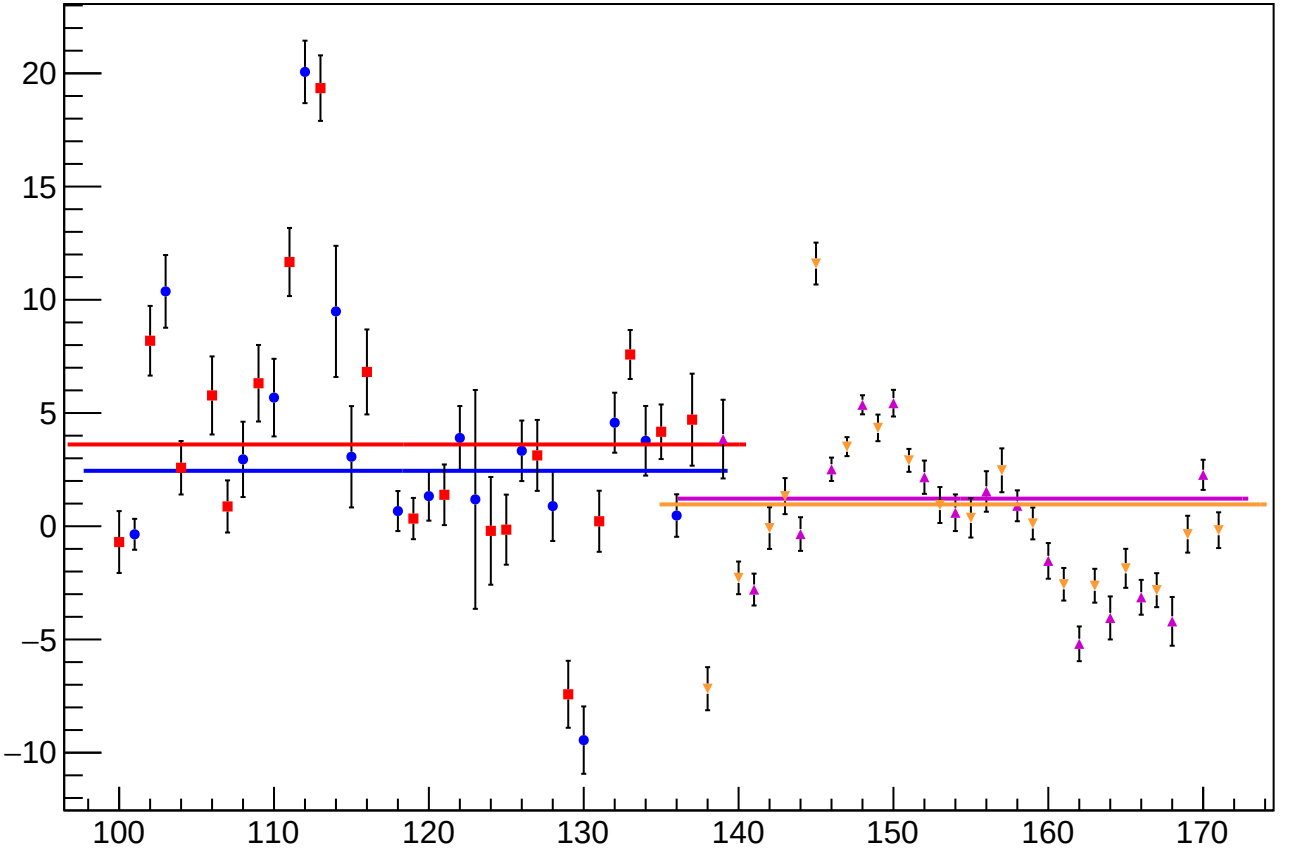
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.730+/-0.249 χ^2/NDF:924.6/15

Out: -32.182+/-0.242 χ^2/NDF:943.7/17

All: -32.449+/-0.174 χ^2/NDF: 1870.8/33

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 0.964+/-0.168 χ^2/NDF:404.6/17

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 1.219+/-0.176 χ^2/NDF:369.0/15

Left: 1.086+/-0.121 χ^2/NDF: 774.7/33

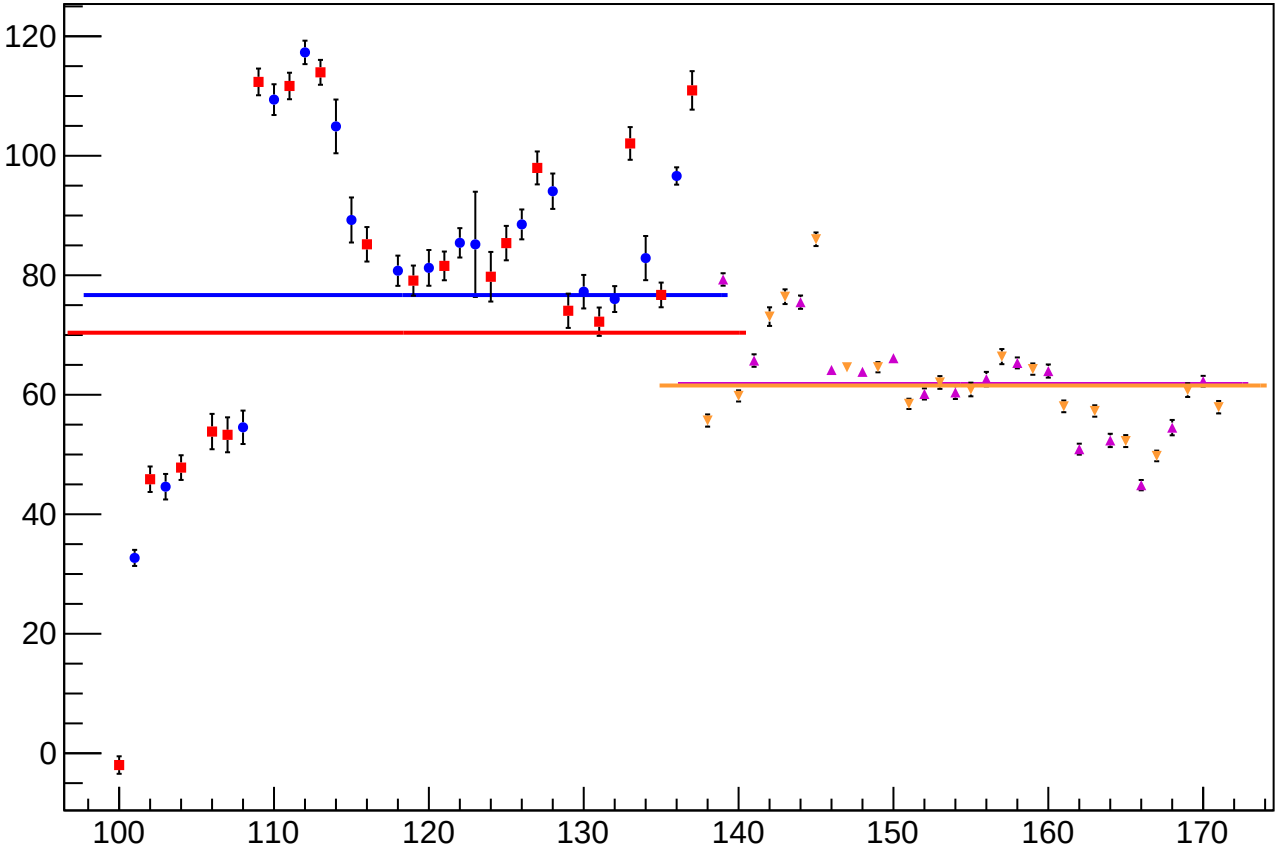
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 1.515+/-0.153 χ^2/NDF:674.2/32

Out: 1.541+/-0.149 χ^2/NDF:738.1/36

All: 1.529+/-0.107 χ^2/NDF: 1412.3/69

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: 61.551+/-0.239 χ^2/NDF:1068.0/17

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 61.802+/-0.243 χ^2/NDF:1141.3/15

Left: 61.674+/-0.170 χ^2/NDF: 2209.9/33

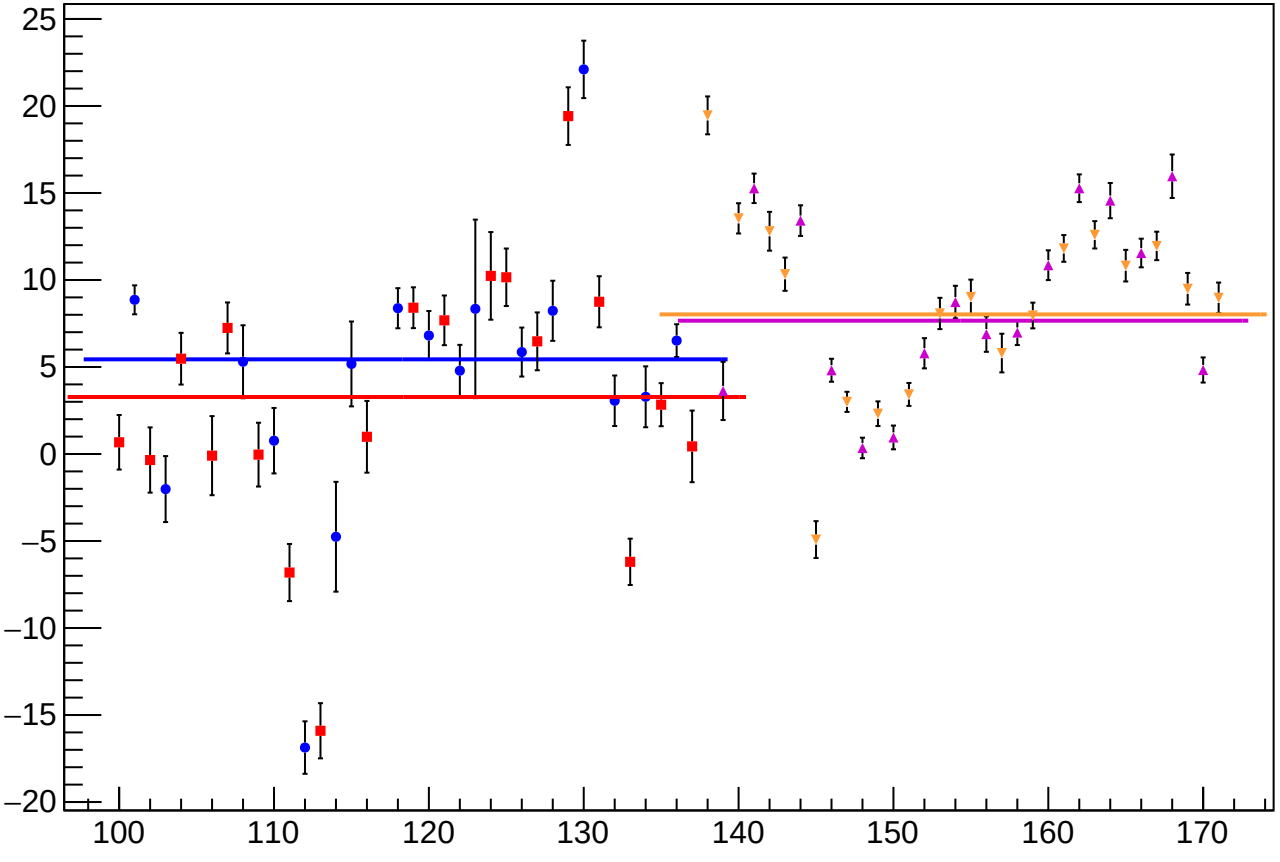
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 64.071+/-0.224 χ^2/NDF:3977.2/32

Out: 62.951+/-0.219 χ^2/NDF:5676.5/36

All: 63.498+/-0.157 χ^2/NDF: 9666.5/69

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 8.023+/-0.197 χ^2/NDF:613.4/17

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 7.661+/-0.206 χ^2/NDF:639.2/15

Left: 7.849+/-0.142 χ^2/NDF: 1254.2/33

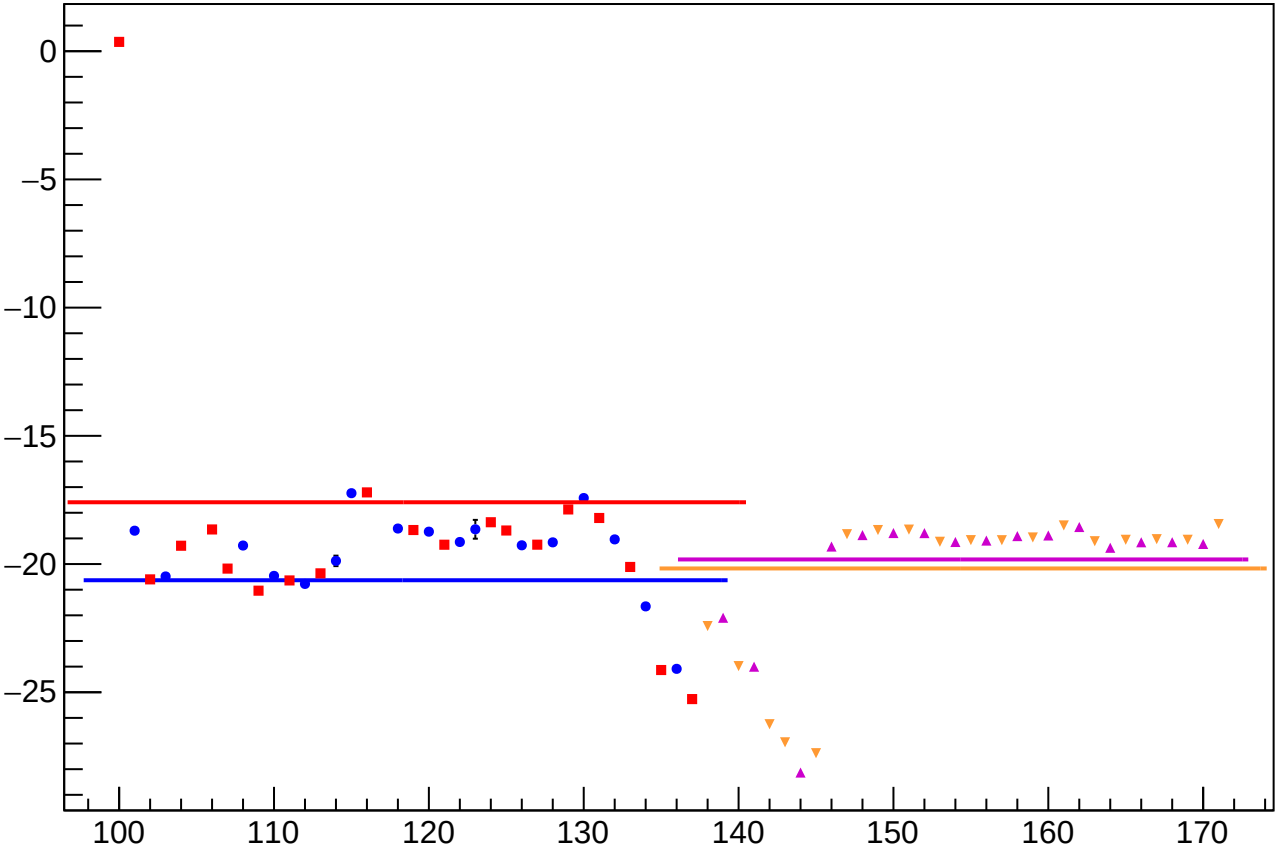
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 7.109+/-0.178 χ^2/NDF:1054.2/32

Out: 6.950+/-0.174 χ^2/NDF:1169.9/36

All: 7.027+/-0.124 χ^2/NDF: 2224.4/69

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: -20.172+/-0.009 χ^2/NDF:81034.3/17

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.820+/-0.010 χ^2/NDF:49193.3/15

Left: -20.000+/-0.007 χ^2/NDF: 130910.3/33

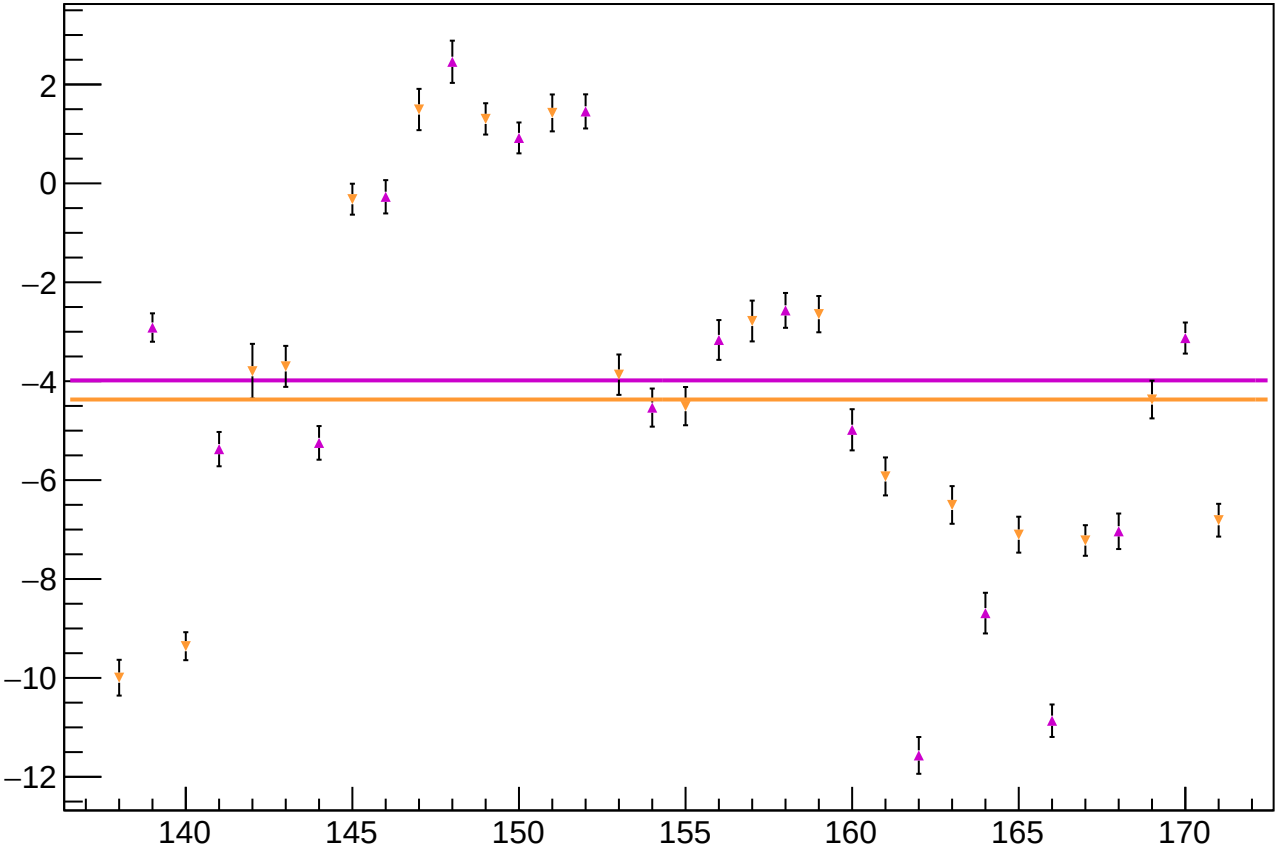
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -19.982+/-0.009 χ^2/NDF:63140.4/32

Out: -19.618+/-0.008 χ^2/NDF:275842.9/36

All: -19.794+/-0.006 χ^2/NDF: 339903.7/69

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: -4.370+/-0.086 χ^2/NDF:1765.4/17

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

Left In: -3.984+/-0.088 χ^2/NDF:1980.9/15

Left: -4.182+/-0.061 χ^2/NDF: 3756.2/33

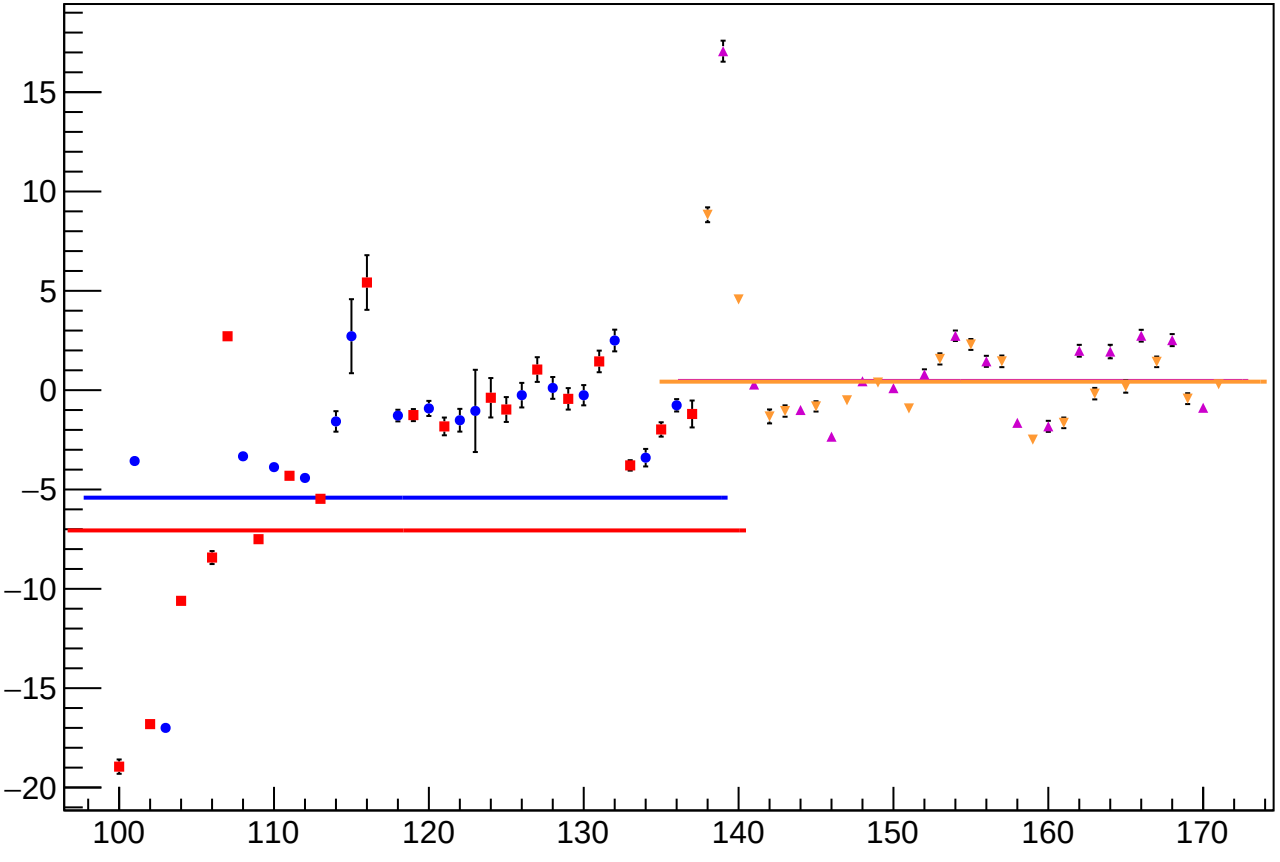
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.984+/-0.088 χ^2/NDF:1980.9/15

Out: -4.370+/-0.086 χ^2/NDF:1765.4/17

All: -4.182+/-0.061 χ^2/NDF: 3756.2/33

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: 0.428+/-0.062 χ^2/NDF:1244.7/17

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.464+/-0.065 χ^2/NDF:1611.2/15

Left: 0.445+/-0.045 χ^2/NDF: 2856.0/33

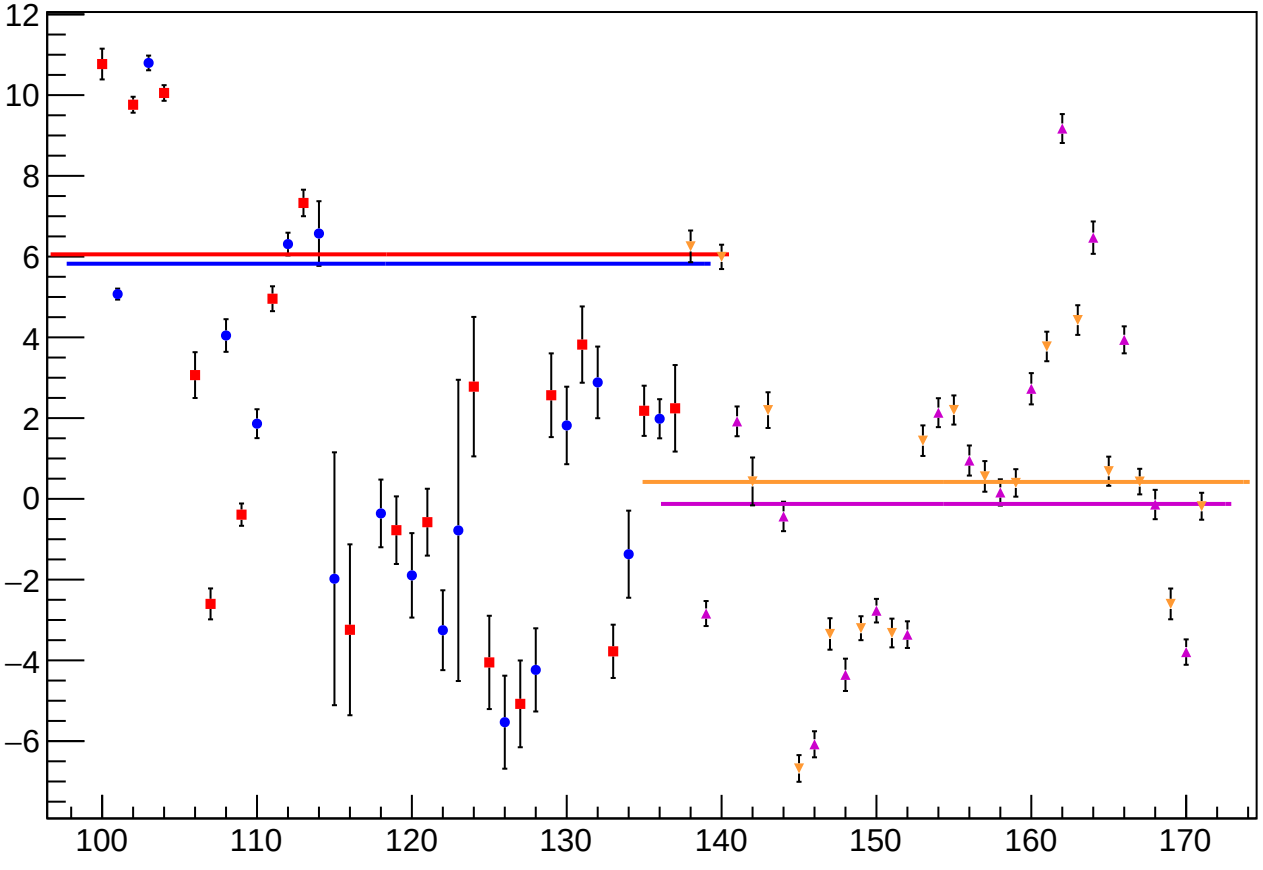
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -2.980+/-0.042 χ^2/NDF:15639.2/32

Out: -3.487+/-0.043 χ^2/NDF:21251.1/36

All: -3.229+/-0.030 χ^2/NDF: 36962.0/69

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: 0.419+/-0.085 χ^2/NDF:1694.9/17

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -0.126+/-0.086 χ^2/NDF:2069.4/15

Left: 0.152+/-0.061 χ^2/NDF: 3784.6/33

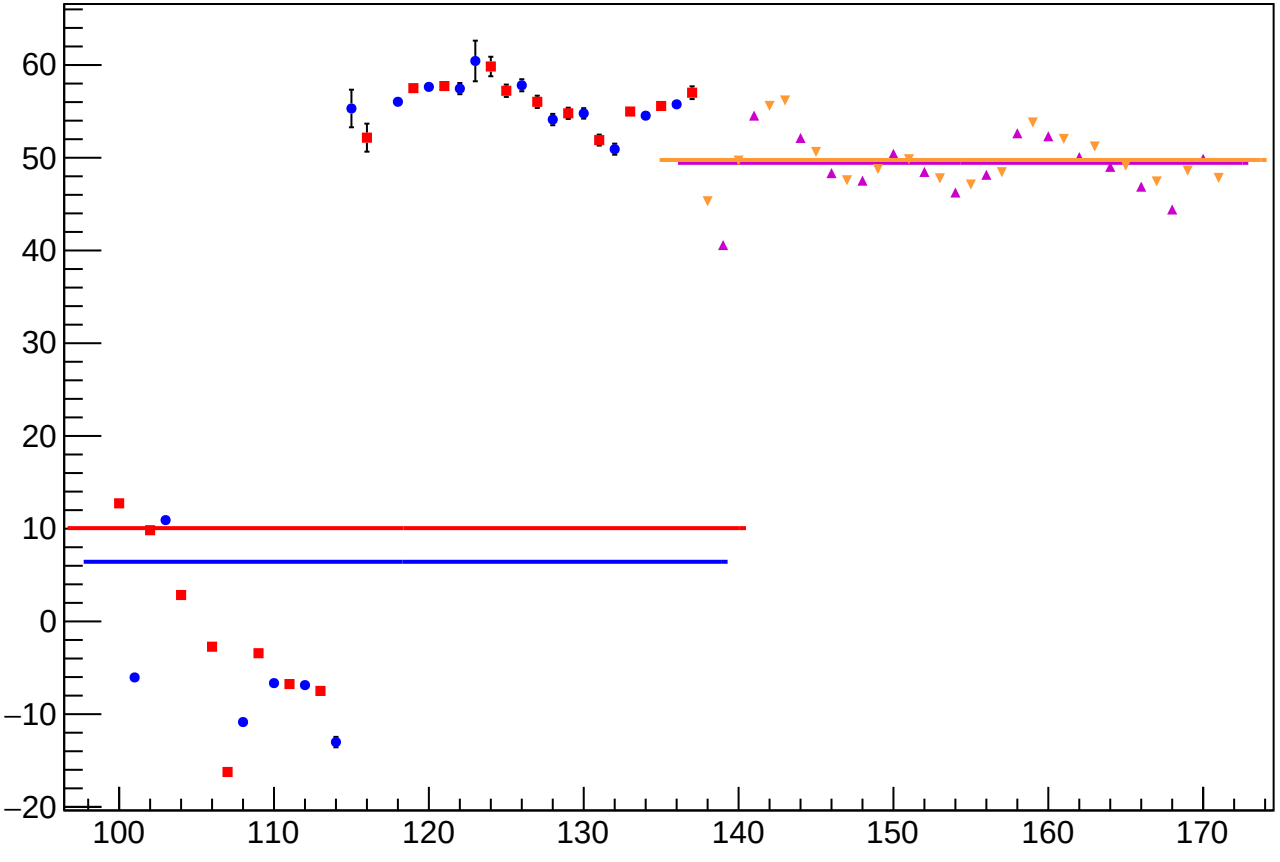
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 2.744+/-0.062 χ^2/NDF:5805.0/32

Out: 2.969+/-0.063 χ^2/NDF:6362.4/36

All: 2.855+/-0.044 χ^2/NDF: 12173.9/69

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.758+/-0.071 χ^2/NDF:1305.8/17

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 49.452+/-0.075 χ^2/NDF:1416.2/15

Left: 49.612+/-0.052 χ^2/NDF: 2730.8/33

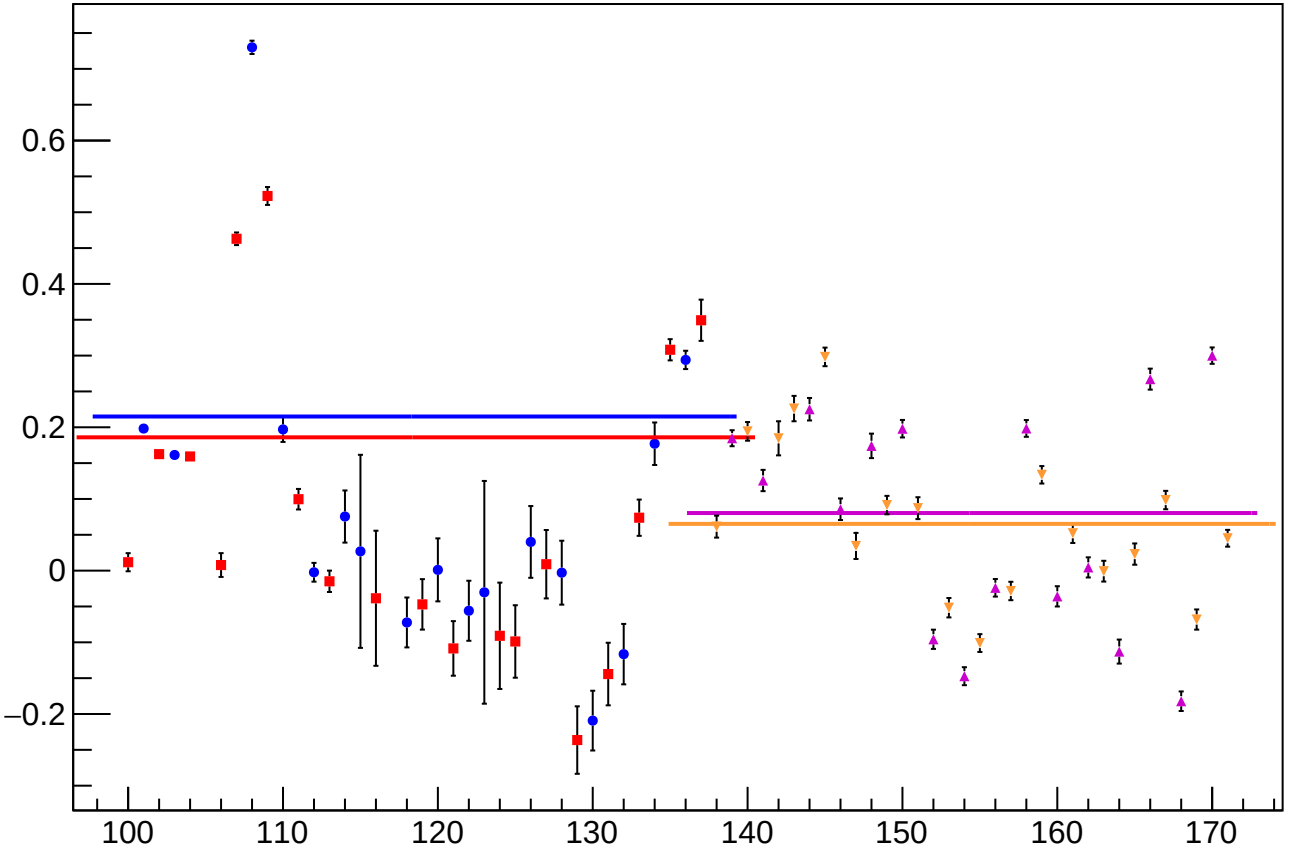
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 24.848+/-0.049 χ^2/NDF:314165.5/32

Out: 29.435+/-0.050 χ^2/NDF:281259.1/36

All: 27.097+/-0.035 χ^2/NDF: 599732.7/69

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: 0.065+/-0.003 χ^2/NDF:1005.9/17

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.080+/-0.003 χ^2/NDF:2112.1/15

Left: 0.073+/-0.002 χ^2/NDF: 3128.3/33

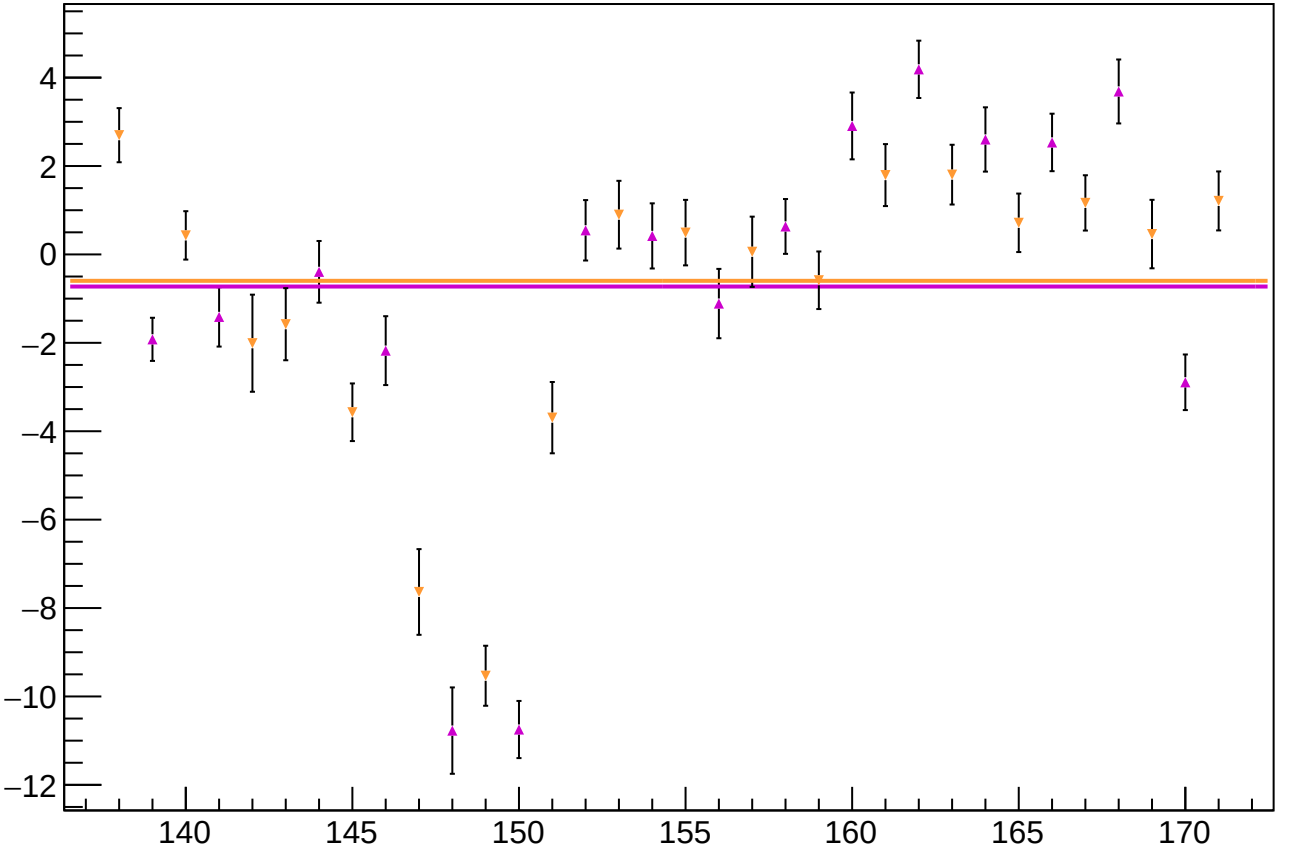
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.161+/-0.002 χ^2/NDF:6997.6/32

Out: 0.138+/-0.002 χ^2/NDF:4533.9/36

All: 0.149+/-0.001 χ^2/NDF: 11590.8/69

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: -0.597+/-0.167 χ^2/NDF:349.0/17

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

Left In: -0.727+/-0.170 χ^2/NDF:543.3/15

Left: -0.661+/-0.119 χ^2/NDF: 892.6/33

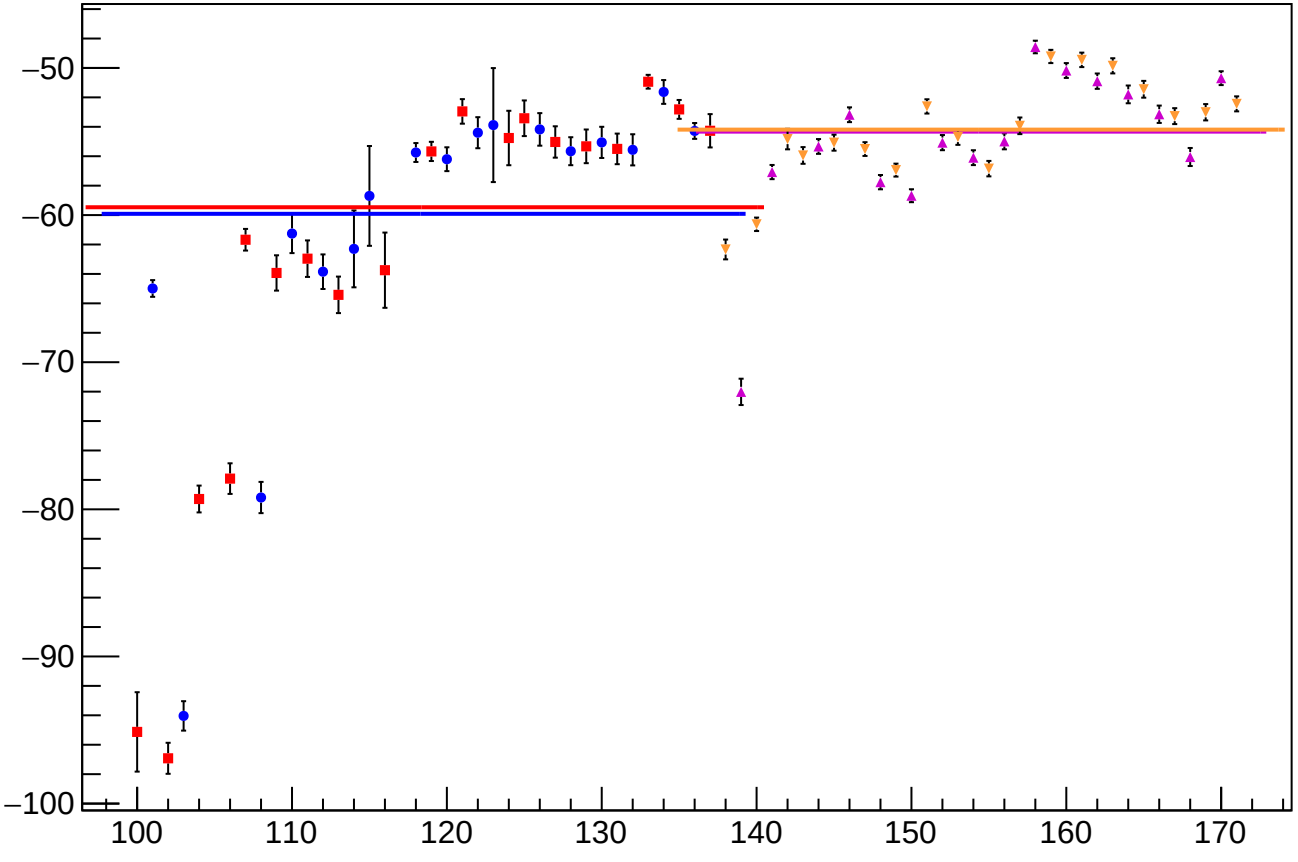
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.727+/-0.170 χ^2/NDF:543.3/15

Out: -0.597+/-0.167 χ^2/NDF:349.0/17

All: -0.661+/-0.119 χ^2/NDF: 892.6/33

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: -54.192+/-0.123 χ^2/NDF:769.9/17

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.328+/-0.129 χ^2/NDF:975.9/15

Left: -54.257+/-0.089 χ^2/NDF: 1746.4/33

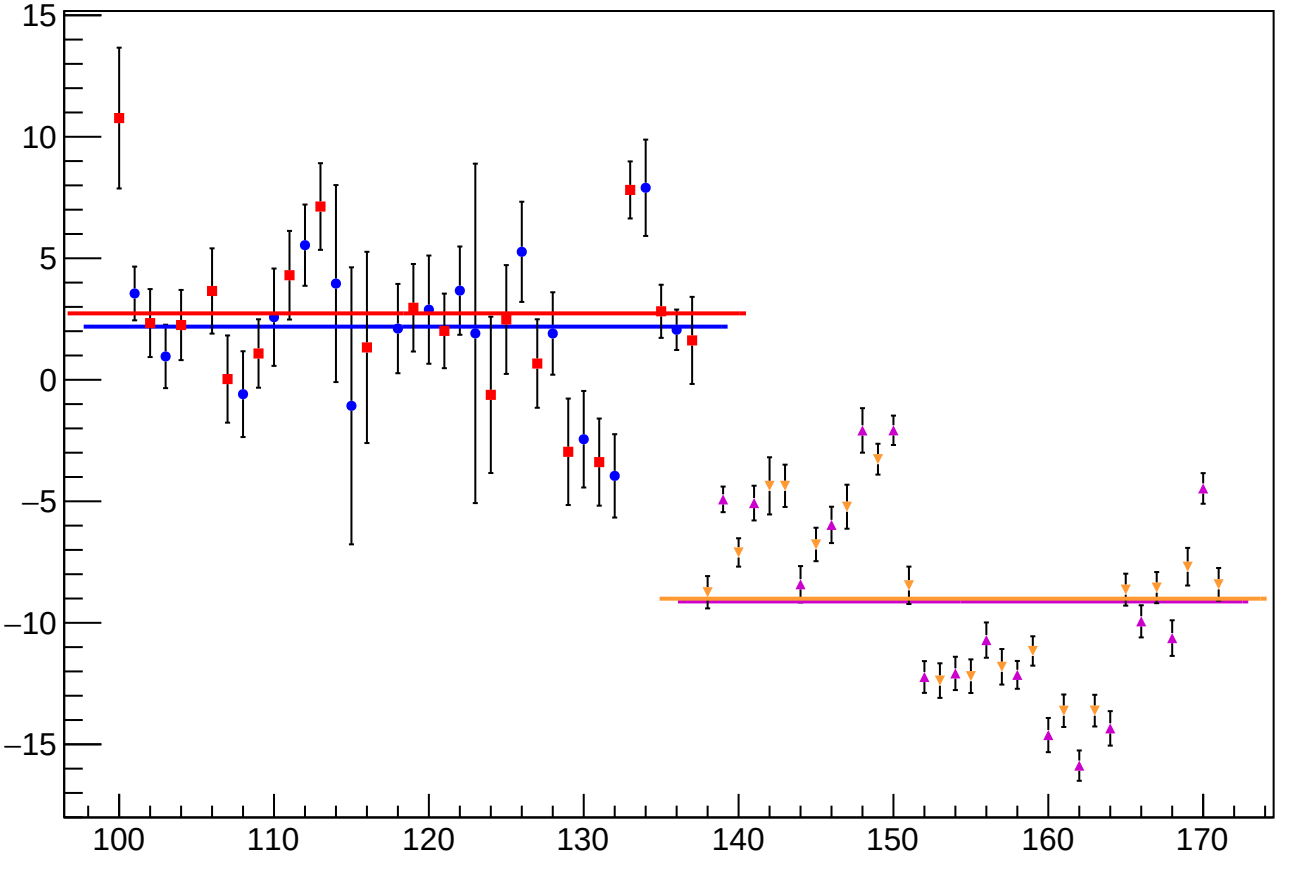
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -55.735+/-0.112 χ^2/NDF:3424.9/32

Out: -55.518+/-0.106 χ^2/NDF:4146.0/36

All: -55.621+/-0.077 χ^2/NDF: 7572.9/69

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: -9.006+/-0.165 χ^2/NDF:338.1/17

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -9.120+/-0.167 χ^2/NDF:675.6/15

Left: -9.063+/-0.118 χ^2/NDF: 1014.0/33

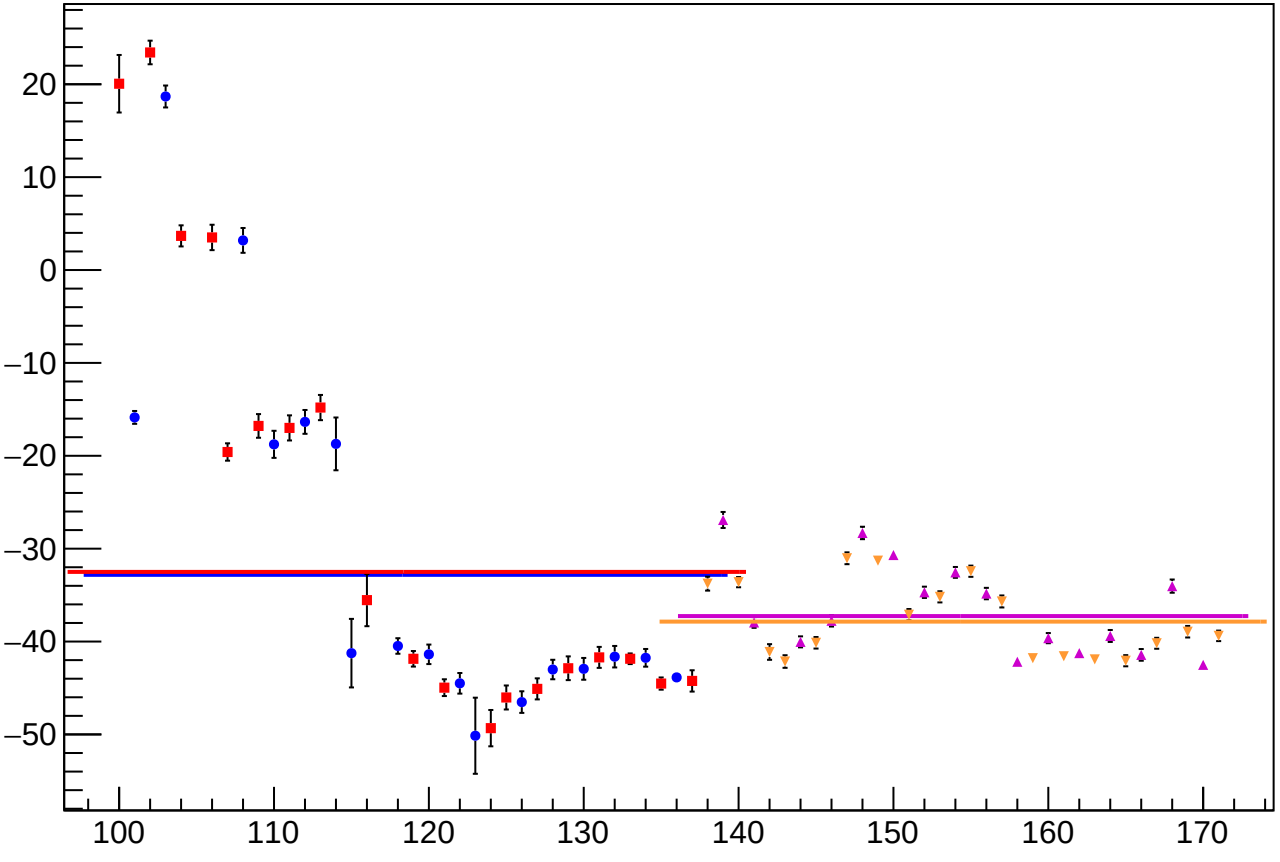
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -7.466+/-0.155 χ^2/NDF:1383.2/32

Out: -7.202+/-0.152 χ^2/NDF:1173.2/36

All: -7.332+/-0.108 χ^2/NDF: 2558.0/69

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: -37.854+/-0.140 χ^2/NDF:790.8/17

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -37.258+/-0.147 χ^2/NDF:983.9/15

Left: -37.569+/-0.101 χ^2/NDF: 1783.3/33

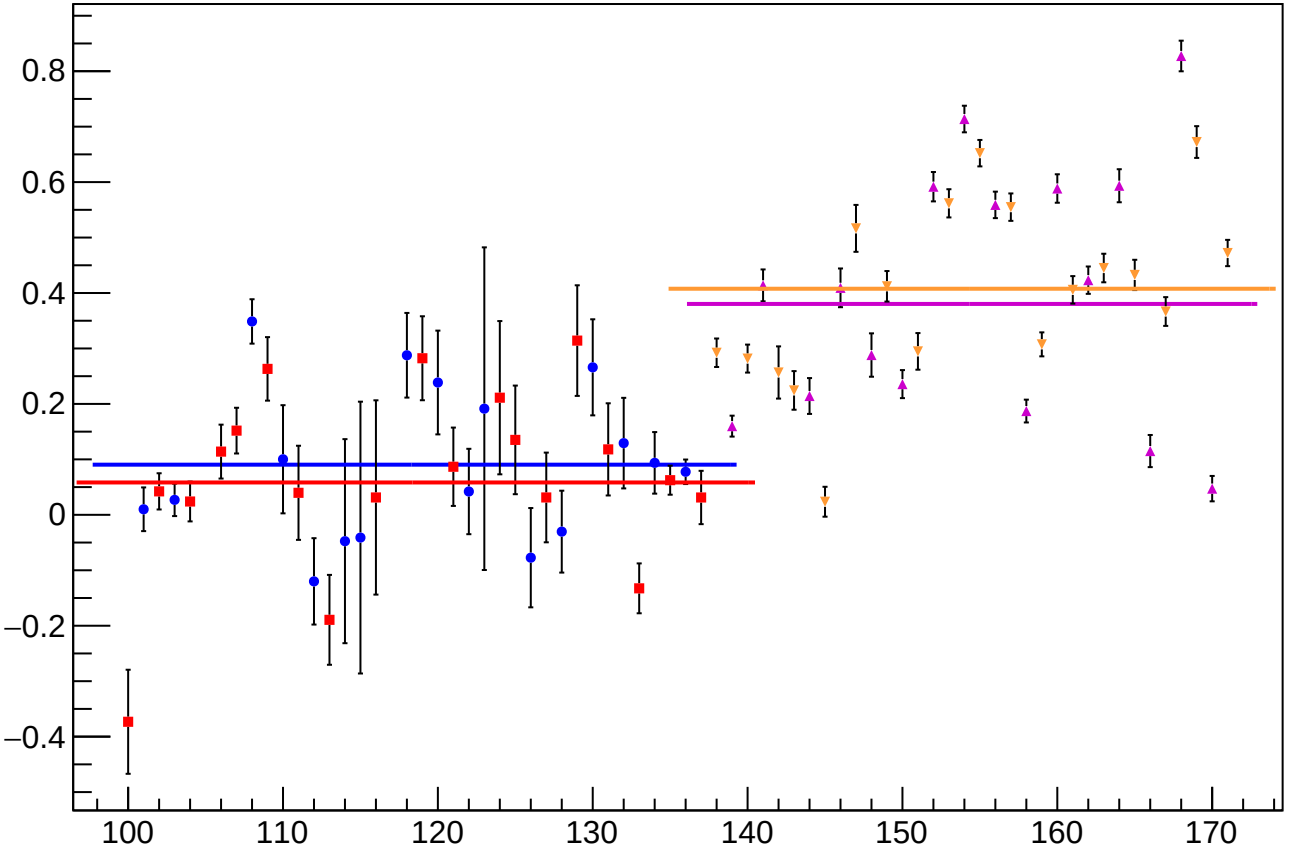
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -36.148+/-0.127 χ^2/NDF:5879.8/32

Out: -36.521+/-0.122 χ^2/NDF:7190.2/36

All: -36.343+/-0.088 χ^2/NDF: 13074.5/69

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.408+/-0.006 χ^2/NDF:601.4/17

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.380+/-0.006 χ^2/NDF:1281.4/15

Left: 0.394+/-0.005 χ^2/NDF: 1891.9/33

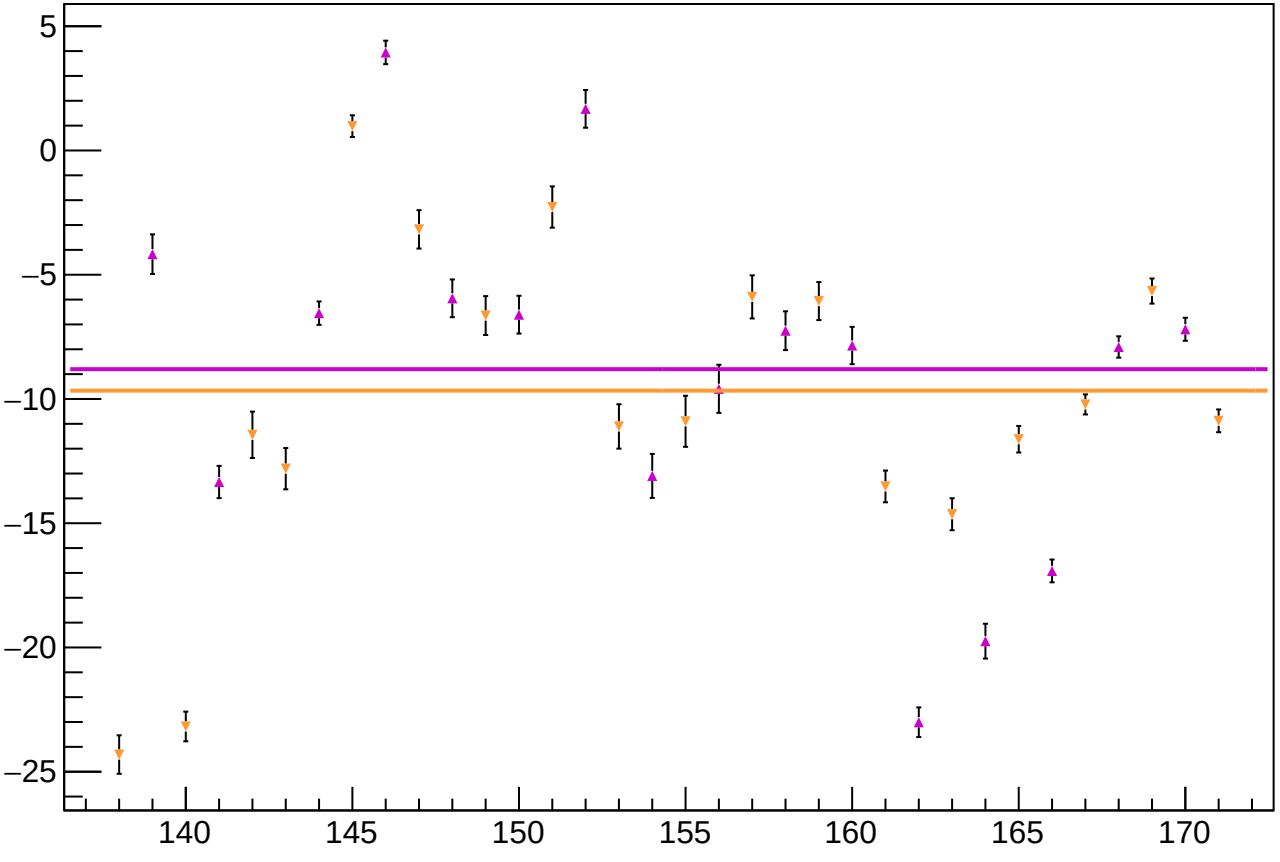
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.321+/-0.006 χ^2/NDF:1773.6/32

Out: 0.332+/-0.006 χ^2/NDF:1337.3/36

All: 0.327+/-0.004 χ^2/NDF: 3112.8/69

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: -9.665+/-0.148 χ^2/NDF:1875.3/17

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

Left In: -8.801+/-0.151 χ^2/NDF:2217.2/15

Left: -9.242+/-0.106 χ^2/NDF: 4109.1/33

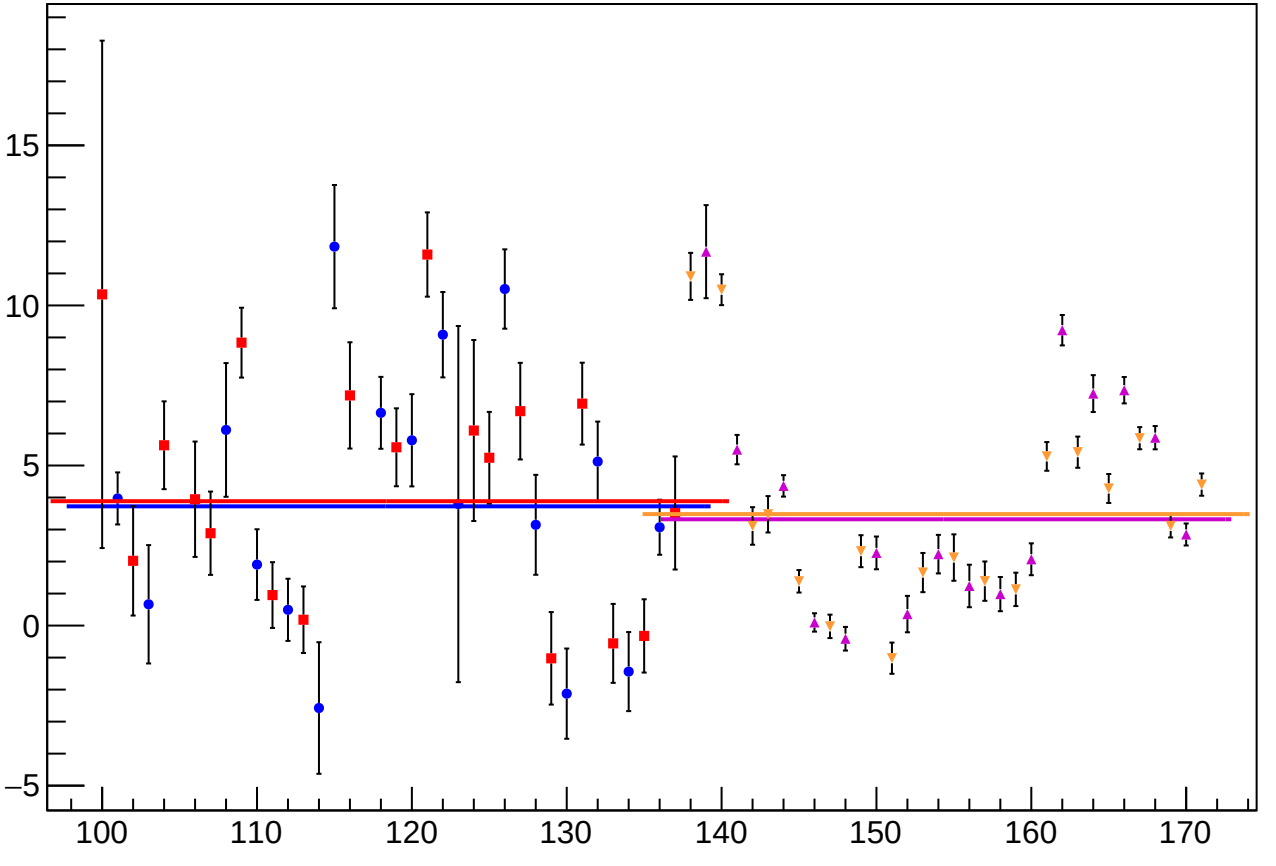
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.801+/-0.151 χ^2/NDF:2217.2/15

Out: -9.665+/-0.148 χ^2/NDF:1875.3/17

All: -9.242+/-0.106 χ^2/NDF: 4109.1/33

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: 3.482+/-0.108 χ^2/NDF:666.4/17

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 3.320+/-0.110 χ^2/NDF:711.4/15

Left: 3.402+/-0.077 χ^2/NDF: 1378.9/33

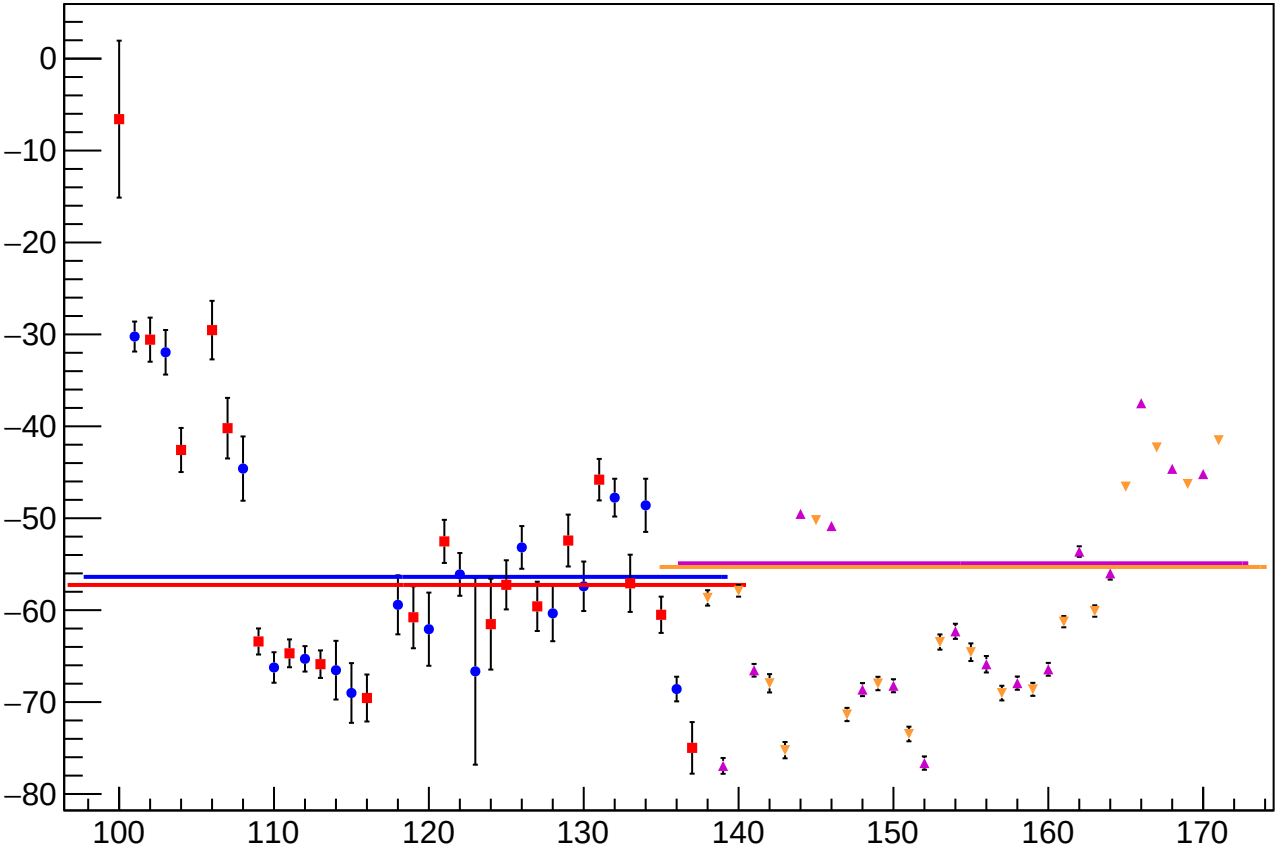
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 3.366+/-0.104 χ^2/NDF:849.7/32

Out: 3.524+/-0.102 χ^2/NDF:802.2/36

All: 3.446+/-0.073 χ^2/NDF: 1653.1/69

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: -55.301+/-0.148 χ^2/NDF:5600.0/17

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -54.904+/-0.150 χ^2/NDF:5982.4/15

Left: -55.105+/-0.105 χ^2/NDF: 11586.0/33

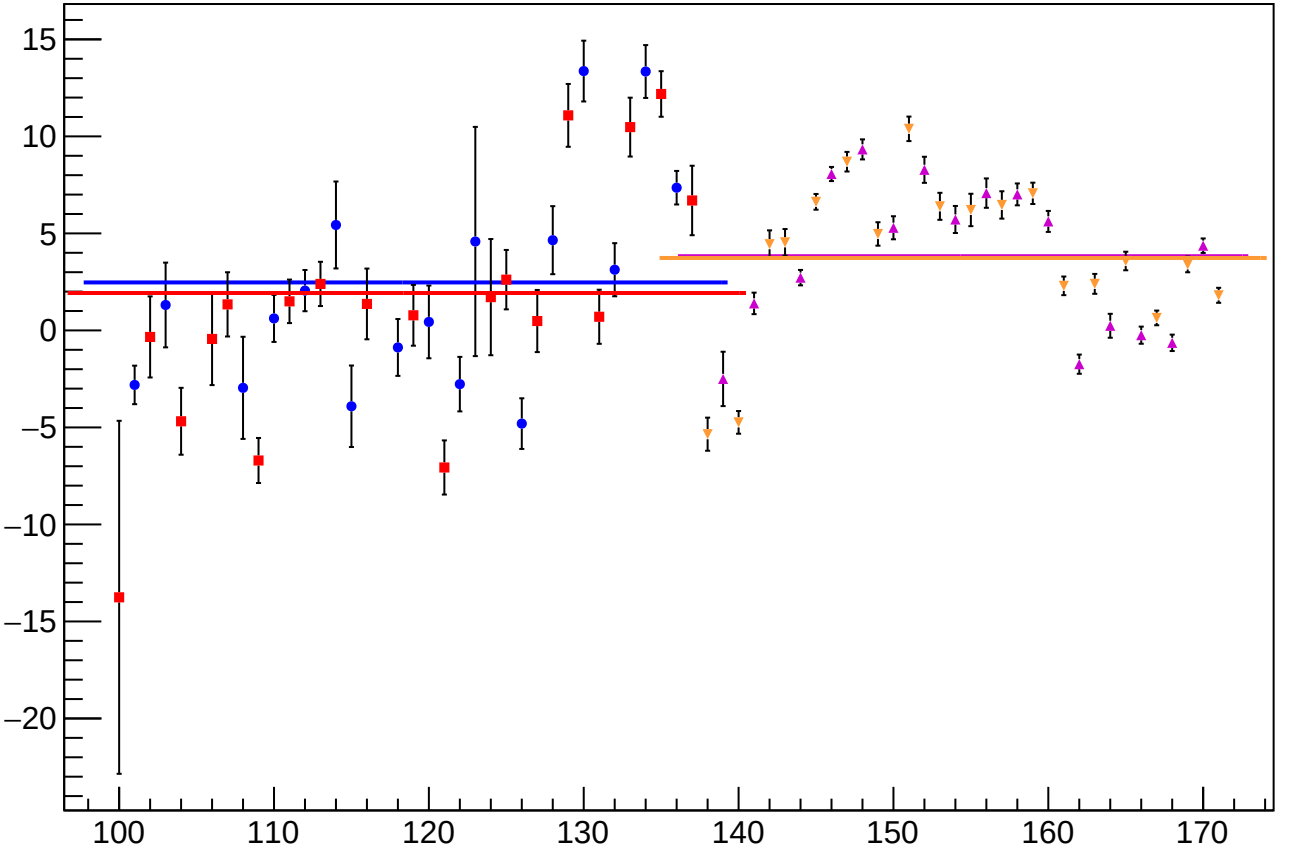
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -55.009+/-0.144 χ^2/NDF:6576.7/32

Out: -55.440+/-0.143 χ^2/NDF:6088.5/36

All: -55.227+/-0.102 χ^2/NDF: 12669.6/69

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: 3.734+/-0.124 χ^2/NDF:772.0/17

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 3.824+/-0.128 χ^2/NDF:773.5/15

Left: 3.778+/-0.089 χ^2/NDF: 1545.7/33

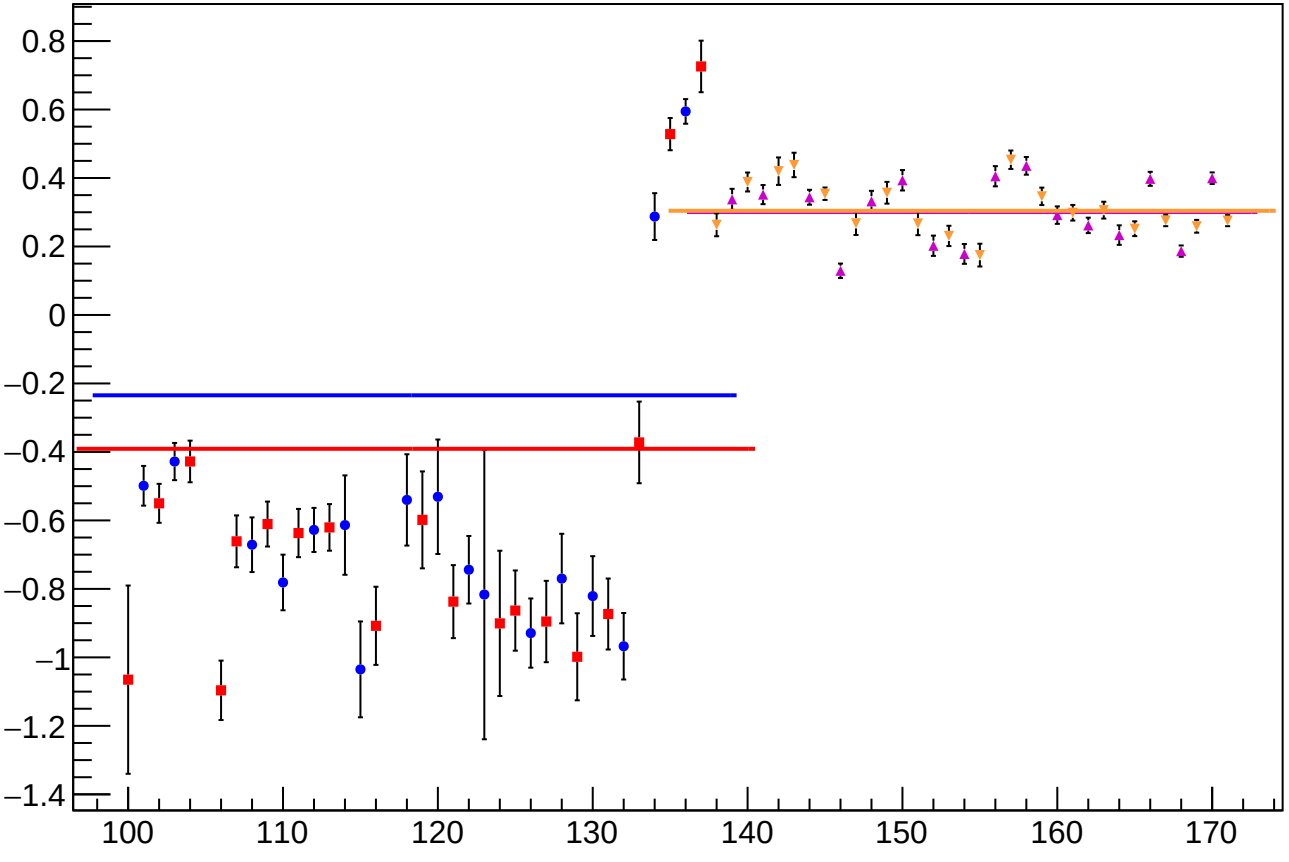
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 3.662+/-0.120 χ^2/NDF:1030.5/32

Out: 3.537+/-0.117 χ^2/NDF:1061.7/36

All: 3.598+/-0.084 χ^2/NDF: 2092.8/69

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: 0.304+/-0.006 χ^2/NDF:118.3/17

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.301+/-0.006 χ^2/NDF:266.9/15

Left: 0.302+/-0.004 χ^2/NDF: 385.4/33

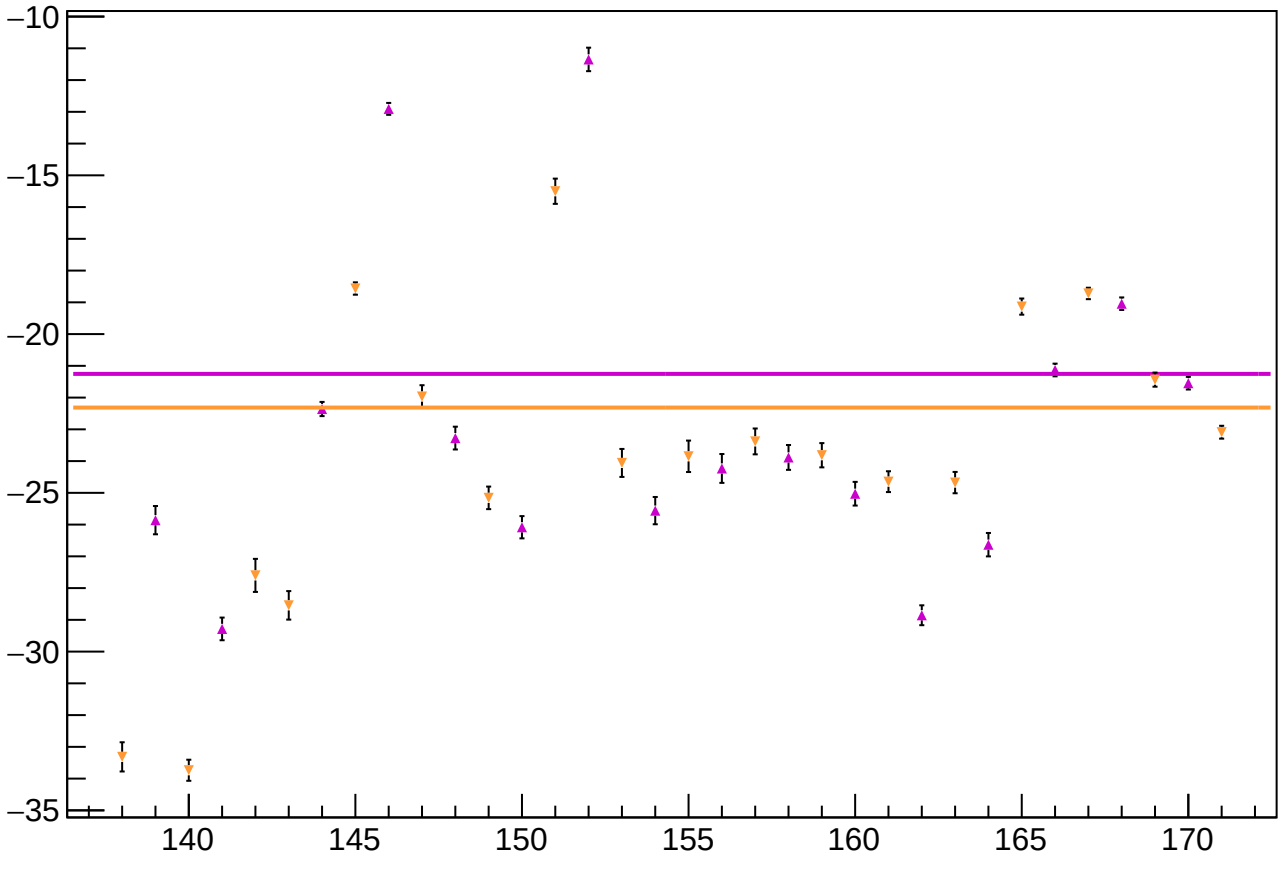
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.252+/-0.006 χ^2/NDF:1956.6/32

Out: 0.246+/-0.006 χ^2/NDF:2202.9/36

All: 0.249+/-0.004 χ^2/NDF: 4160.1/69

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: -22.314+/-0.070 χ^2/NDF:3510.9/17

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

Left In: -21.254+/-0.070 χ^2/NDF:4781.1/15

Left: -21.784+/-0.050 χ^2/NDF: 8405.6/33

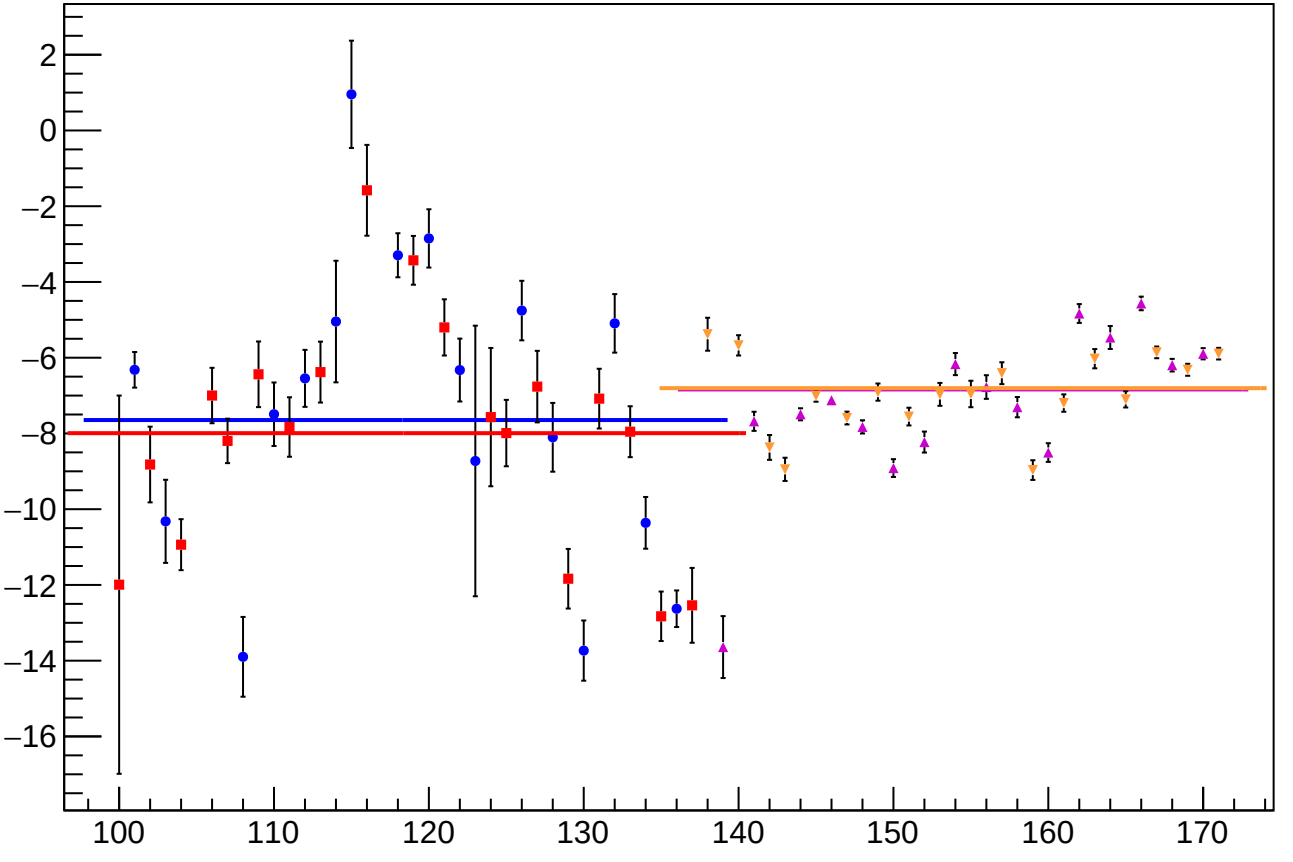
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.254+/-0.070 χ^2/NDF:4781.1/15

Out: -22.314+/-0.070 χ^2/NDF:3510.9/17

All: -21.784+/-0.050 χ^2/NDF: 8405.6/33

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -6.804+/-0.051 χ^2/NDF:301.5/17

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -6.838+/-0.051 χ^2/NDF:591.9/15

Left: -6.821+/-0.036 χ^2/NDF: 893.6/33

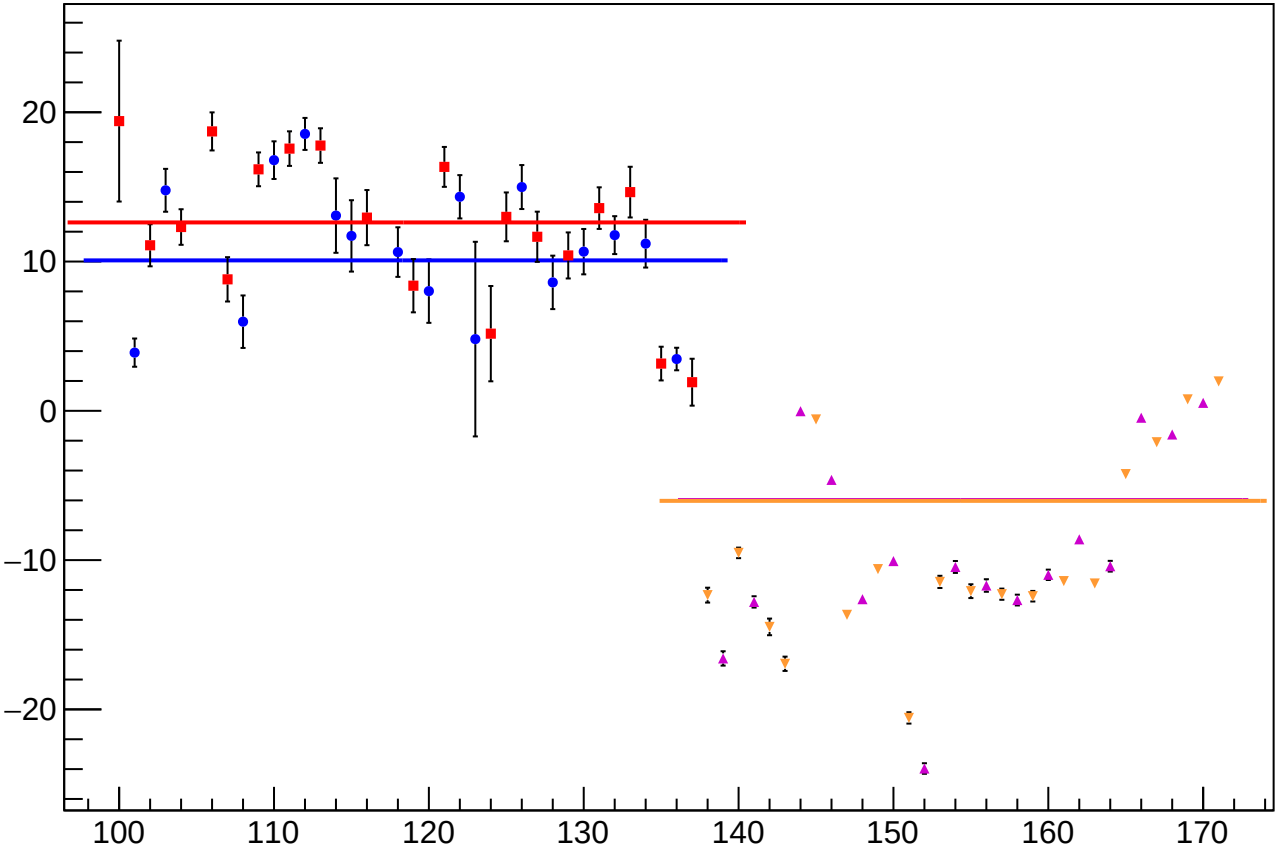
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -6.895+/-0.049 χ^2/NDF:1003.2/32

Out: -6.889+/-0.050 χ^2/NDF:564.9/36

All: -6.892+/-0.035 χ^2/NDF: 1568.1/69

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: -6.030+/-0.070 χ^2/NDF:8393.2/17

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -5.974+/-0.070 χ^2/NDF:7979.0/15

Left: -6.002+/-0.049 χ^2/NDF: 16372.5/33

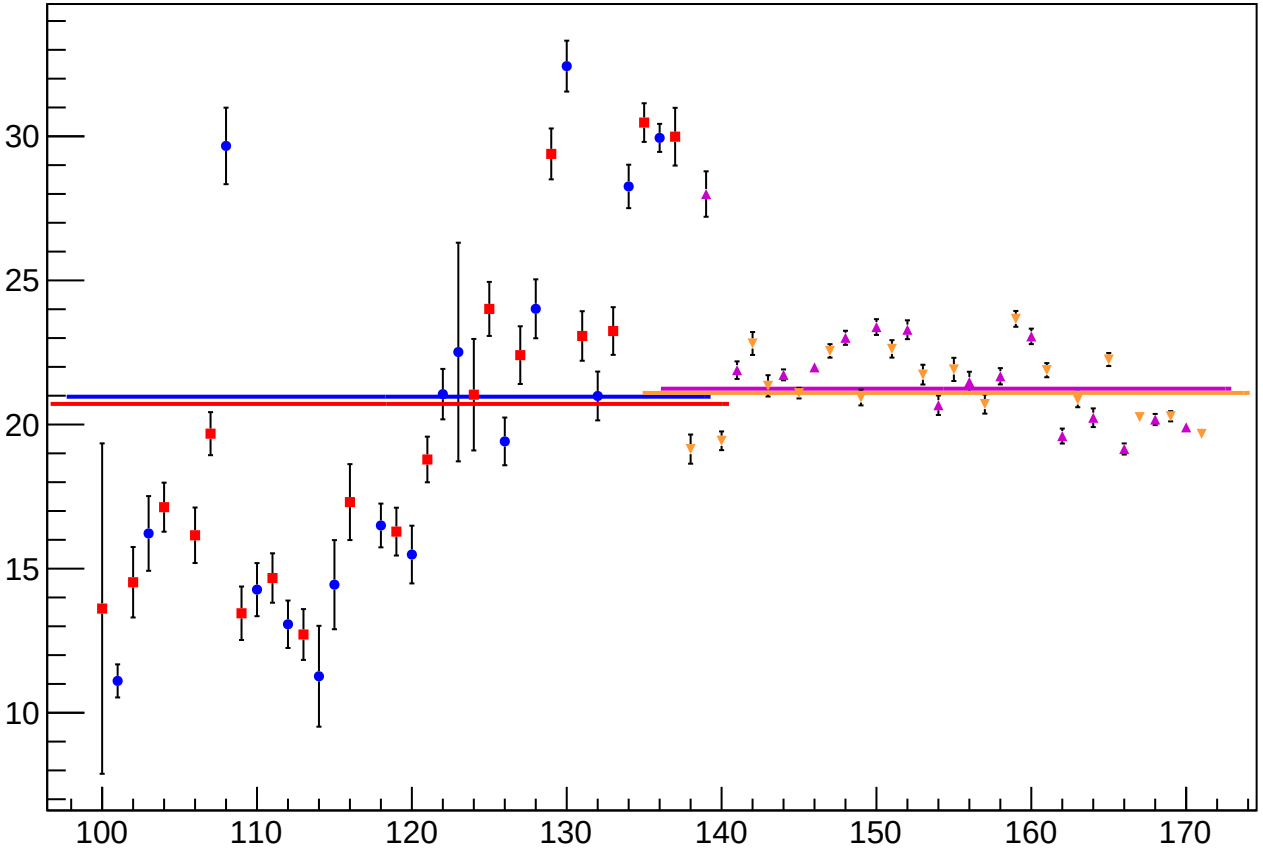
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -5.316+/-0.068 χ^2/NDF:10410.2/32

Out: -5.234+/-0.069 χ^2/NDF:11626.1/36

All: -5.275+/-0.048 χ^2/NDF: 22037.0/69

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: 21.097+/-0.059 χ^2/NDF:373.0/17

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 21.243+/-0.059 χ^2/NDF:580.2/15

Left: 21.170+/-0.042 χ^2/NDF: 956.3/33

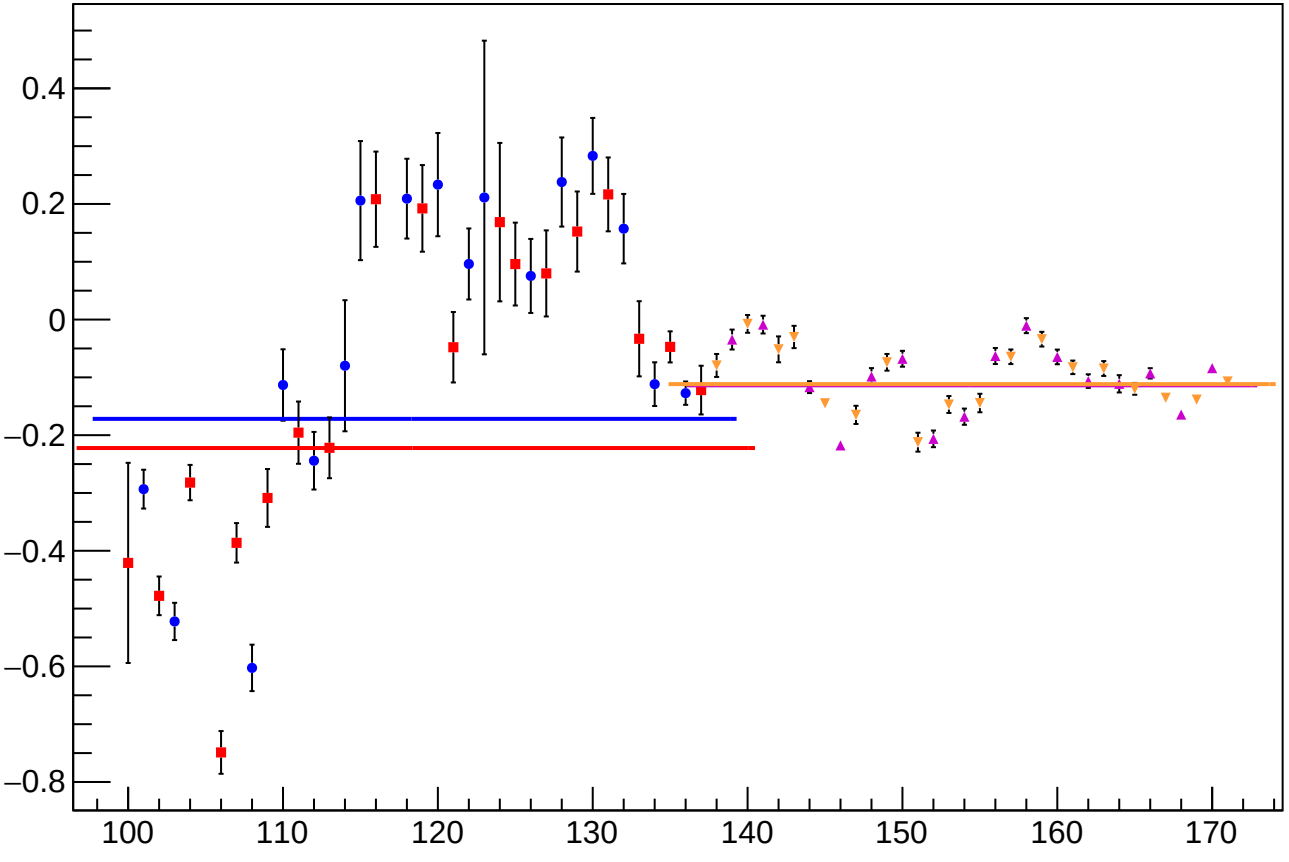
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 21.223+/-0.057 χ^2/NDF:1807.3/32

Out: 21.070+/-0.057 χ^2/NDF:1105.9/36

All: 21.146+/-0.040 χ^2/NDF: 2916.8/69

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: -0.112+/-0.003 χ^2/NDF:239.8/17

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.114+/-0.003 χ^2/NDF:447.2/15

Left: -0.113+/-0.002 χ^2/NDF: 687.3/33

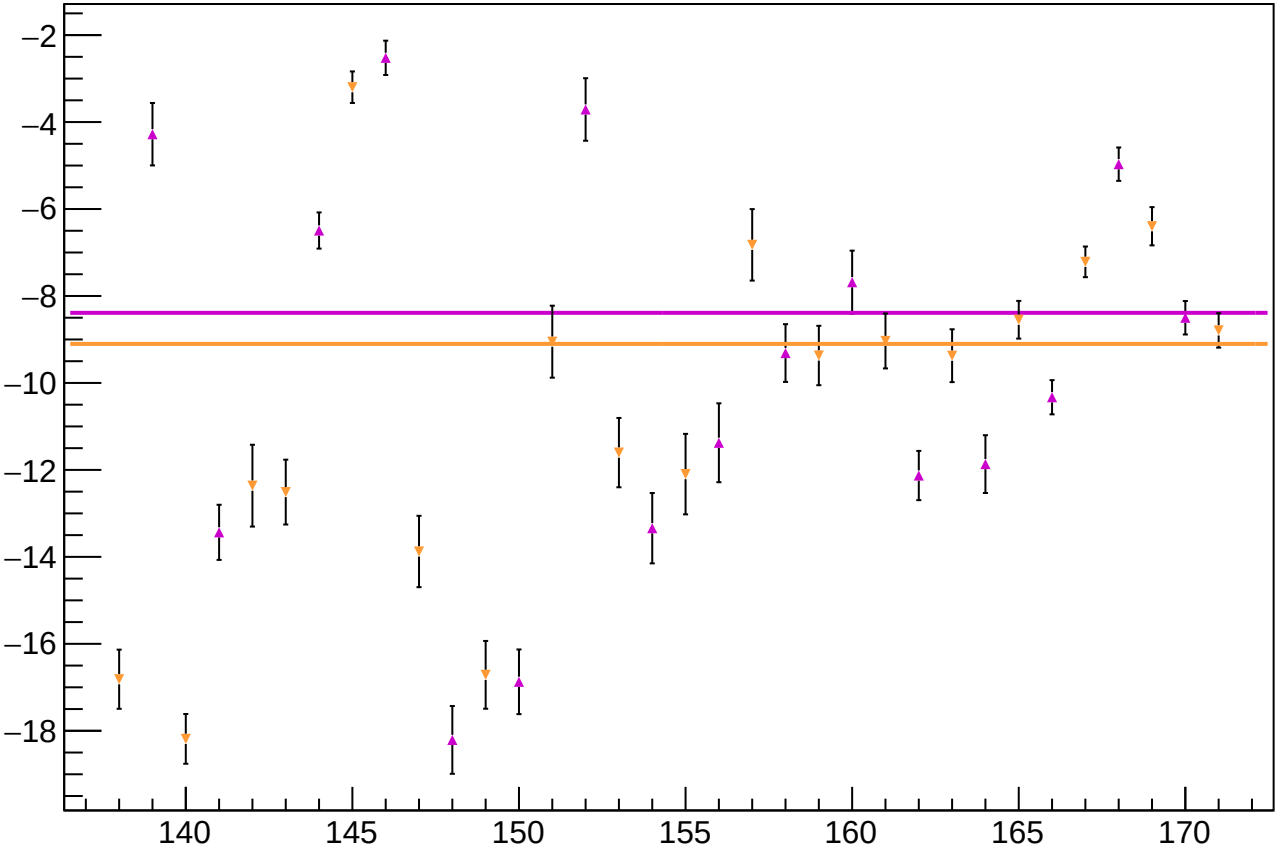
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.117+/-0.003 χ^2/NDF:936.7/32

Out: -0.118+/-0.003 χ^2/NDF:872.1/36

All: -0.118+/-0.002 χ^2/NDF: 1808.8/69

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: -9.102+/-0.133 χ^2/NDF:904.9/17

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

Left In: -8.388+/-0.136 χ^2/NDF:895.4/15

Left: -8.753+/-0.095 χ^2/NDF: 1814.4/33

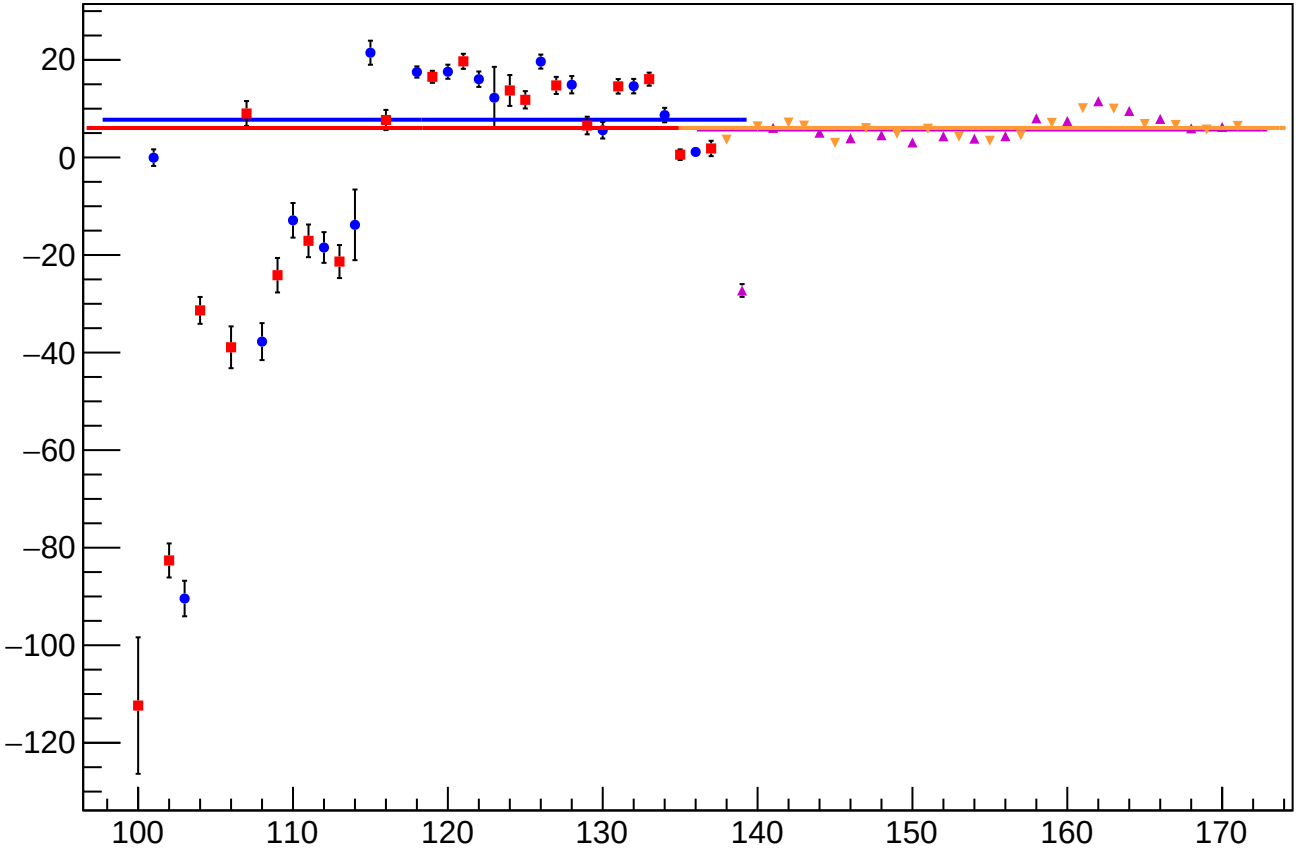
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.388+/-0.136 χ^2/NDF:895.4/15

Out: -9.102+/-0.133 χ^2/NDF:904.9/17

All: -8.753+/-0.095 χ^2/NDF: 1814.4/33

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 6.048+/-0.098 χ^2/NDF:345.3/17

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 5.725+/-0.100 χ^2/NDF:1047.5/15

Left: 5.889+/-0.070 χ^2/NDF: 1398.1/33

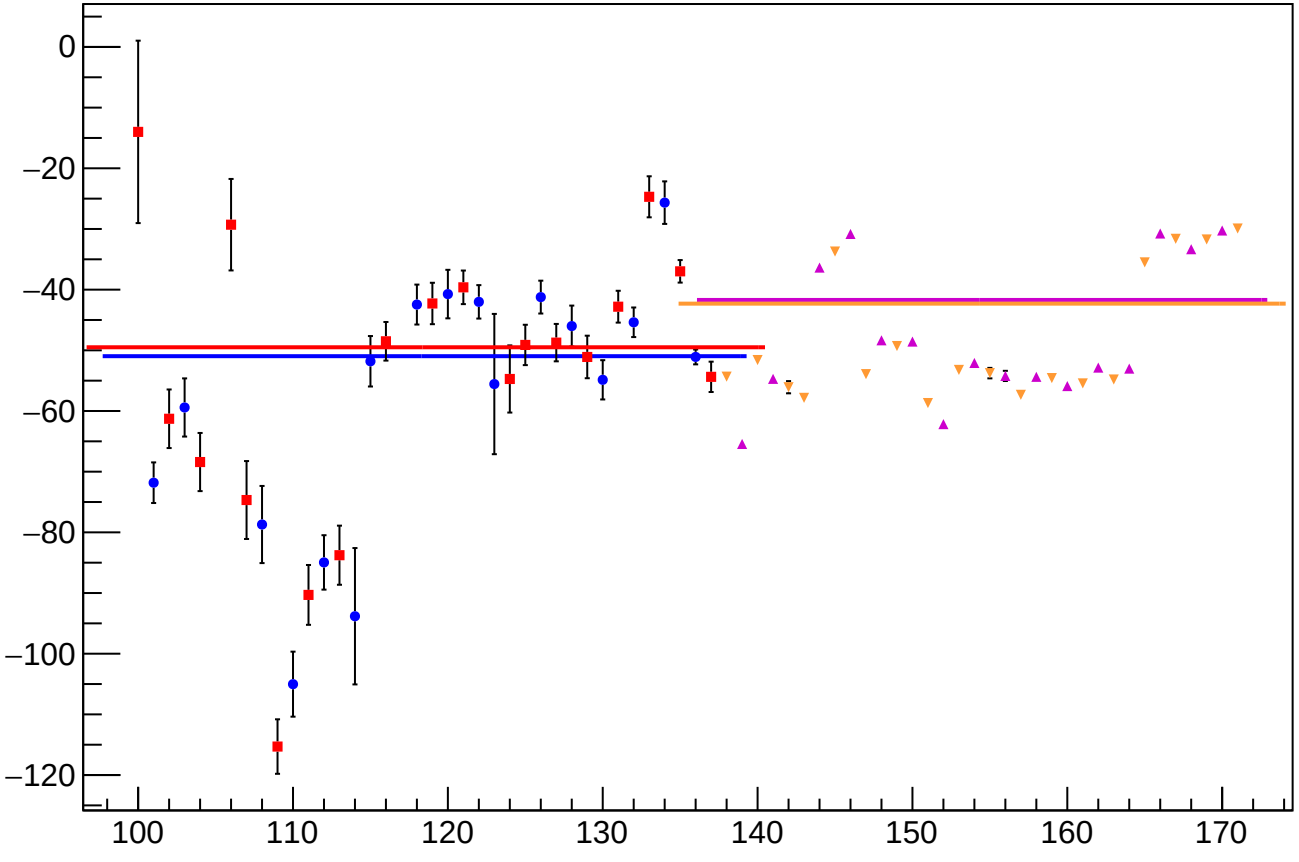
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 5.841+/-0.097 χ^2/NDF:2429.5/32

Out: 6.047+/-0.096 χ^2/NDF:1857.4/36

All: 5.946+/-0.068 χ^2/NDF: 4289.1/69

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: -42.307+/-0.133 χ^2/NDF:7070.9/17

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -41.699+/-0.135 χ^2/NDF:7435.5/15

Left: -42.006+/-0.095 χ^2/NDF: 14516.8/33

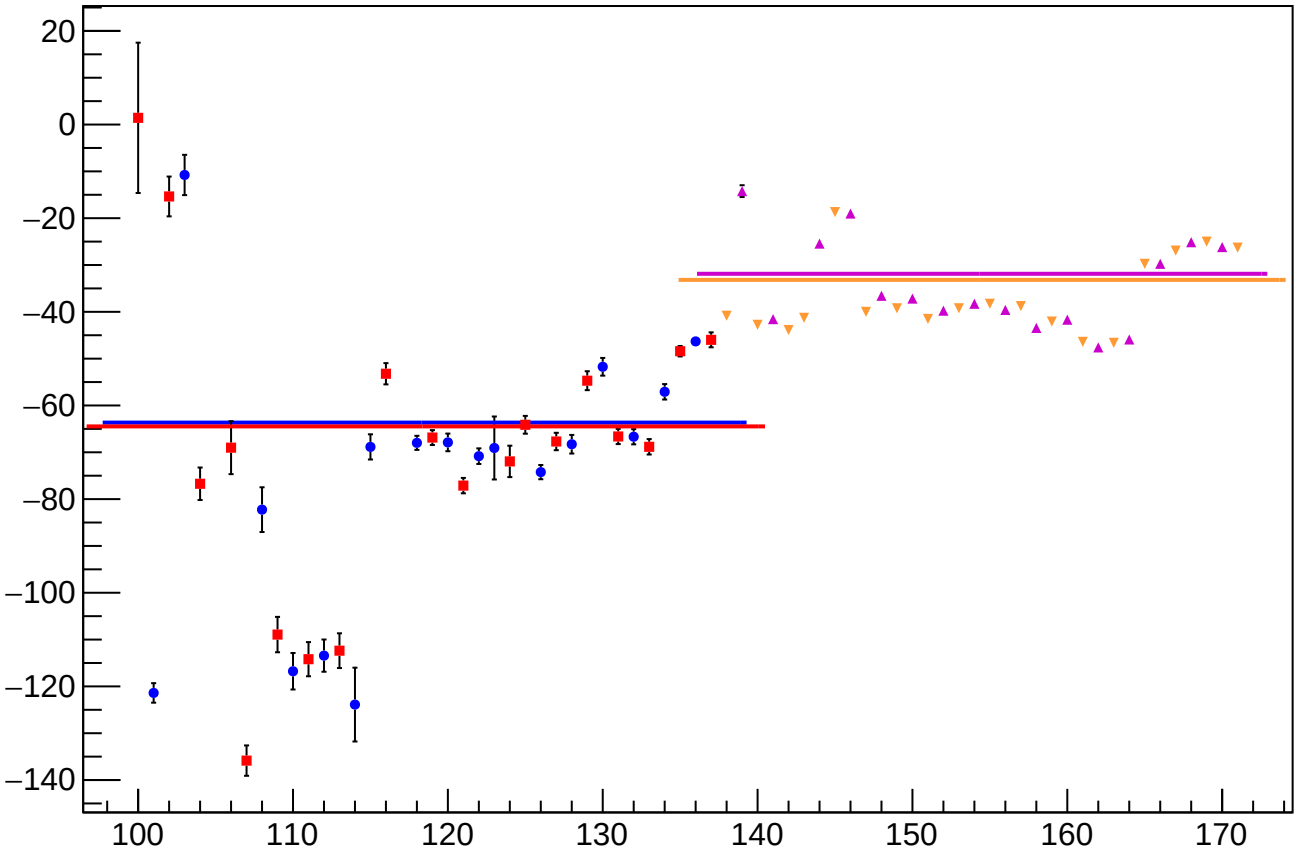
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -41.997+/-0.132 χ^2/NDF:7920.9/32

Out: -42.502+/-0.131 χ^2/NDF:7660.4/36

All: -42.251+/-0.093 χ^2/NDF: 15588.7/69

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: -33.175+/-0.112 χ^2/NDF:6607.8/17

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -31.871+/-0.115 χ^2/NDF:6371.7/15

Left: -32.541+/-0.080 χ^2/NDF: 13045.5/33

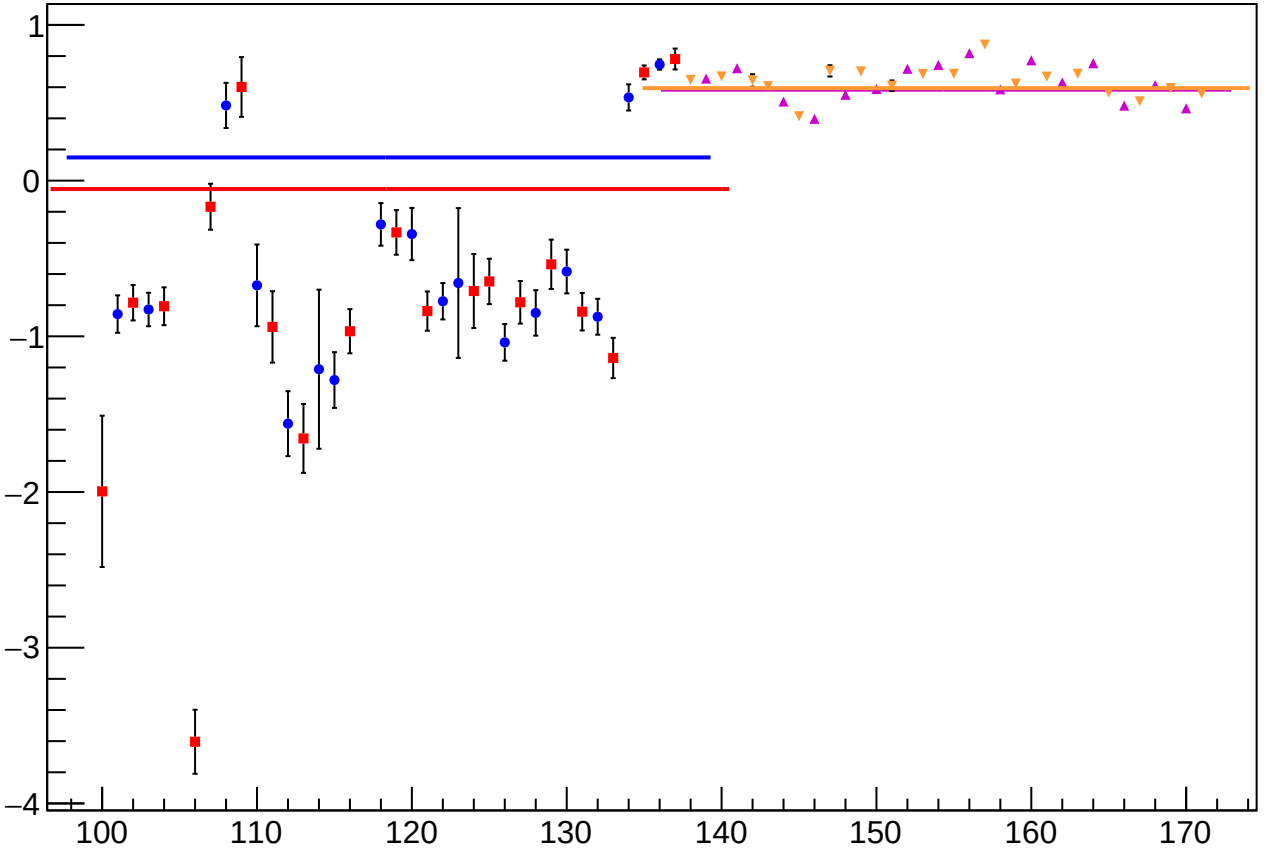
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -33.862+/-0.111 χ^2/NDF:13160.9/32

Out: -34.776+/-0.109 χ^2/NDF:12206.2/36

All: -34.328+/-0.078 χ^2/NDF: 25401.5/69

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: 0.594+/-0.005 χ^2/NDF:386.5/17

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.584+/-0.005 χ^2/NDF:503.3/15

Left: 0.589+/-0.004 χ^2/NDF: 891.6/33

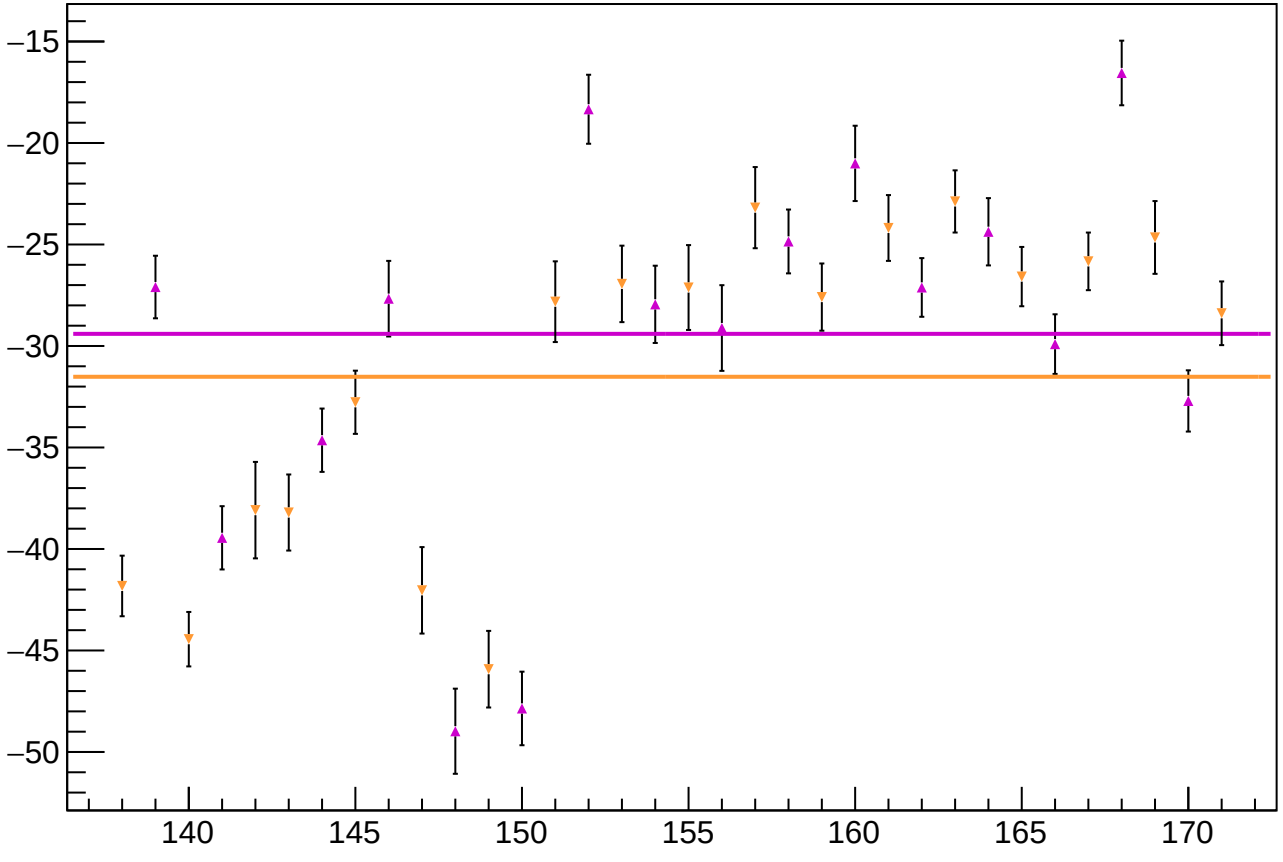
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.563+/-0.005 χ^2/NDF:1807.1/32

Out: 0.570+/-0.005 χ^2/NDF:2143.6/36

All: 0.567+/-0.004 χ^2/NDF: 3951.5/69

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.516+/-0.400 χ^2/NDF:379.3/17

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

Left In: -29.402+/-0.417 χ^2/NDF:400.5/15

Left: -30.503+/-0.289 χ^2/NDF: 793.3/33

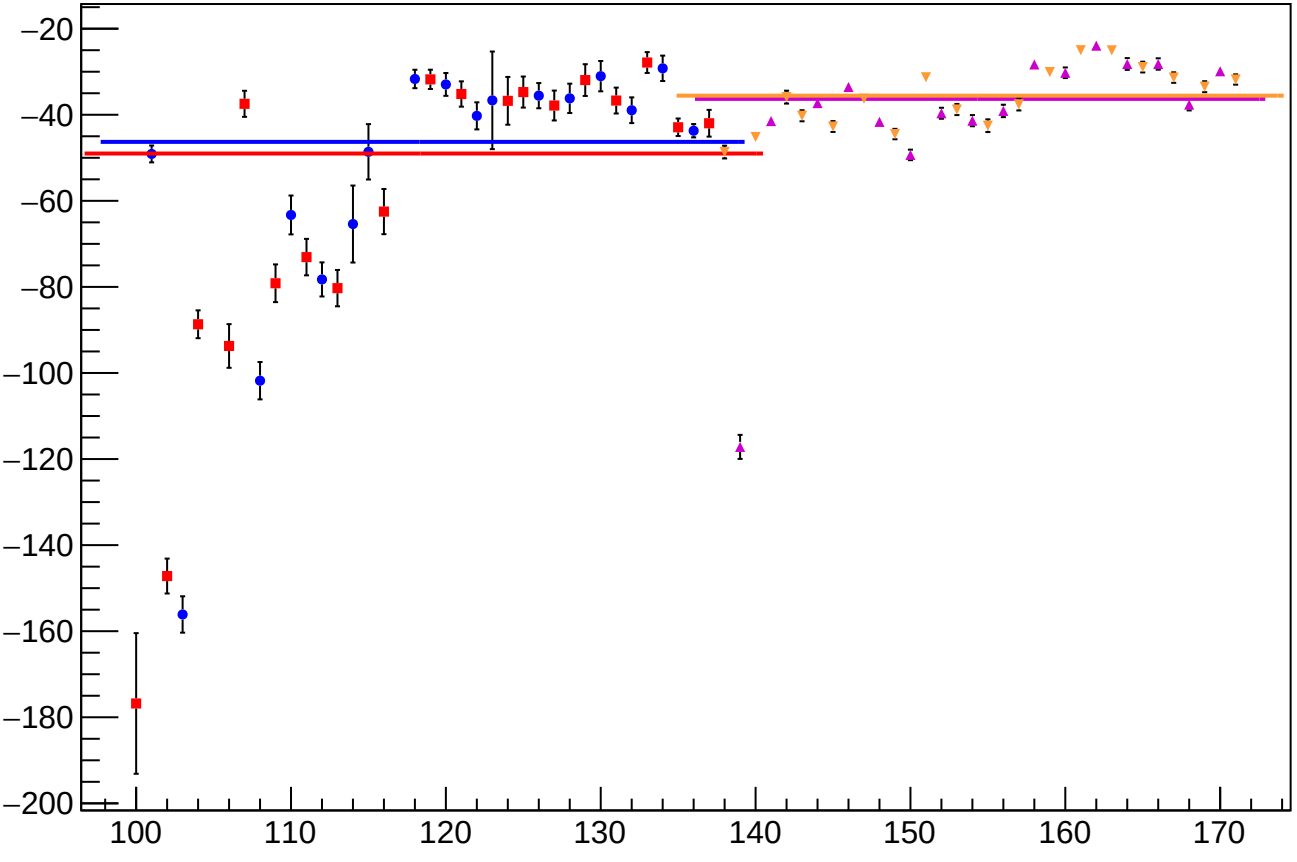
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.402+/-0.417 χ^2/NDF:400.5/15

Out: -31.516+/-0.400 χ^2/NDF:379.3/17

All: -30.503+/-0.289 χ^2/NDF: 793.3/33

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: -35.561+/-0.291 χ^2/NDF:542.5/17

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -36.314+/-0.308 χ^2/NDF:1332.3/15

Left: -35.916+/-0.212 χ^2/NDF: 1878.0/33

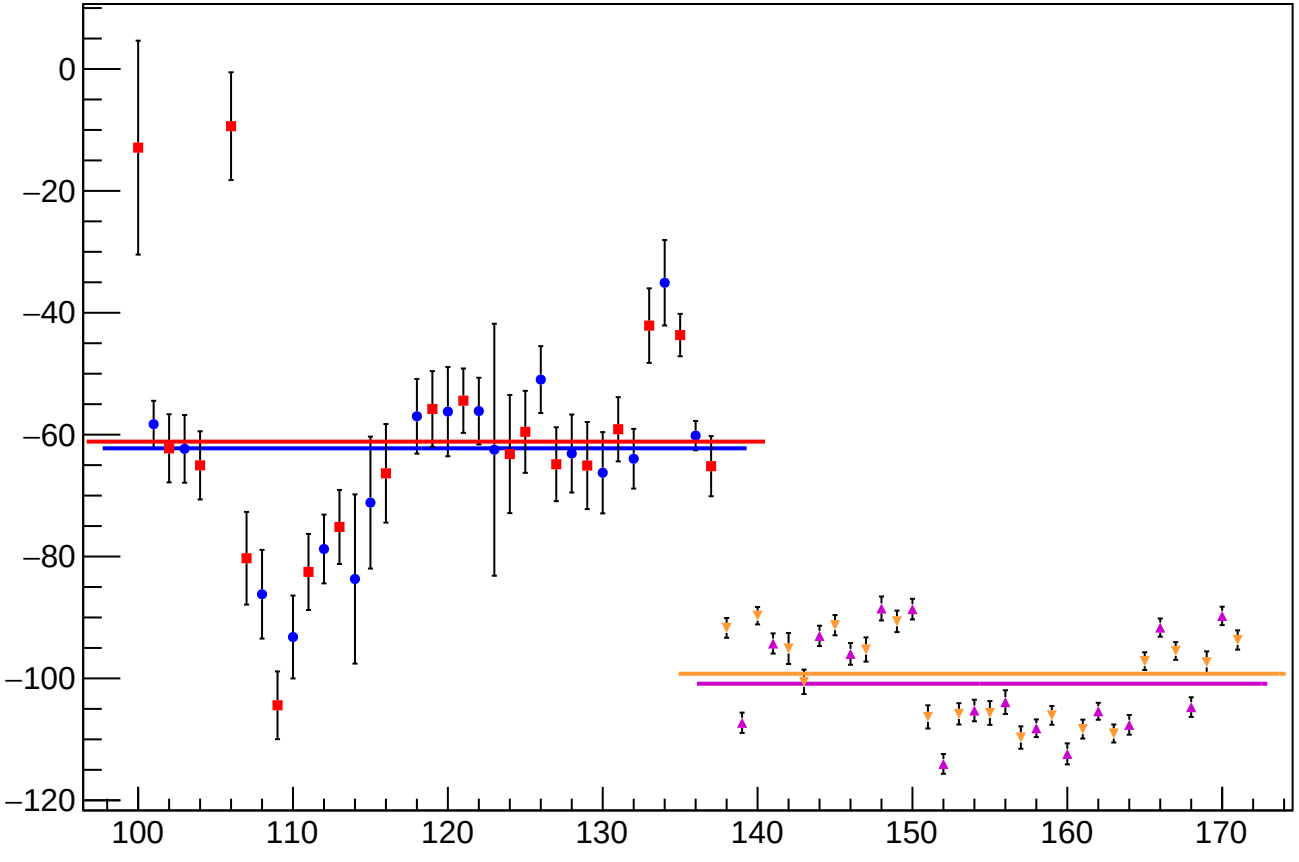
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -37.852+/-0.284 χ^2/NDF:2577.9/32

Out: -37.267+/-0.272 χ^2/NDF:2084.8/36

All: -37.547+/-0.196 χ^2/NDF: 4664.9/69

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: -99.231+/-0.397 χ^2/NDF:311.7/17

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -100.867+/-0.410 χ^2/NDF:421.9/15

Left: -100.023+/-0.285 χ^2/NDF: 741.8/33

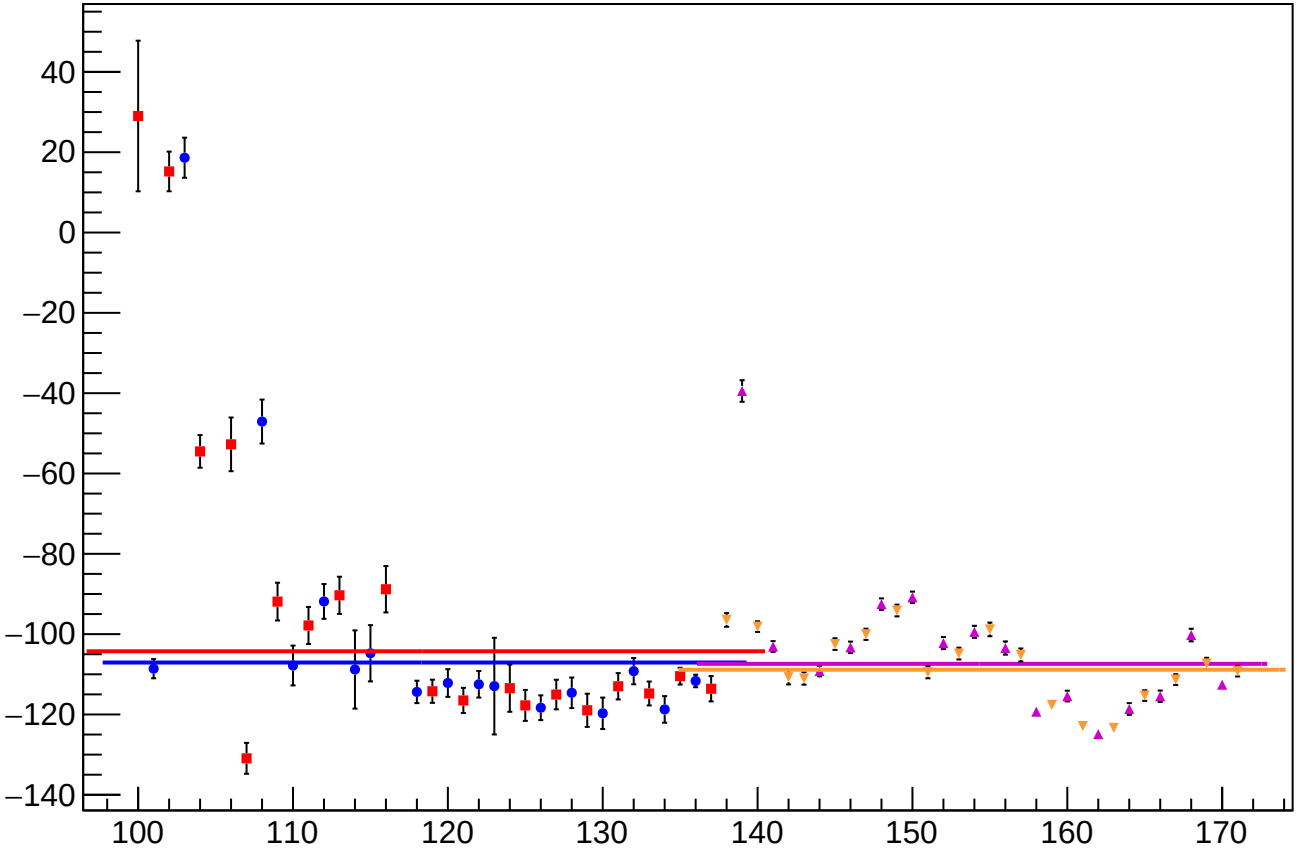
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -97.420+/-0.391 χ^2/NDF:1280.9/32

Out: -96.314+/-0.382 χ^2/NDF:1181.3/36

All: -96.853+/-0.273 χ^2/NDF: 2466.3/69

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: -108.864+/-0.334 χ^2/NDF:686.0/17

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -107.391+/-0.352 χ^2/NDF:1435.3/15

Left: -108.166+/-0.243 χ^2/NDF: 2130.6/33

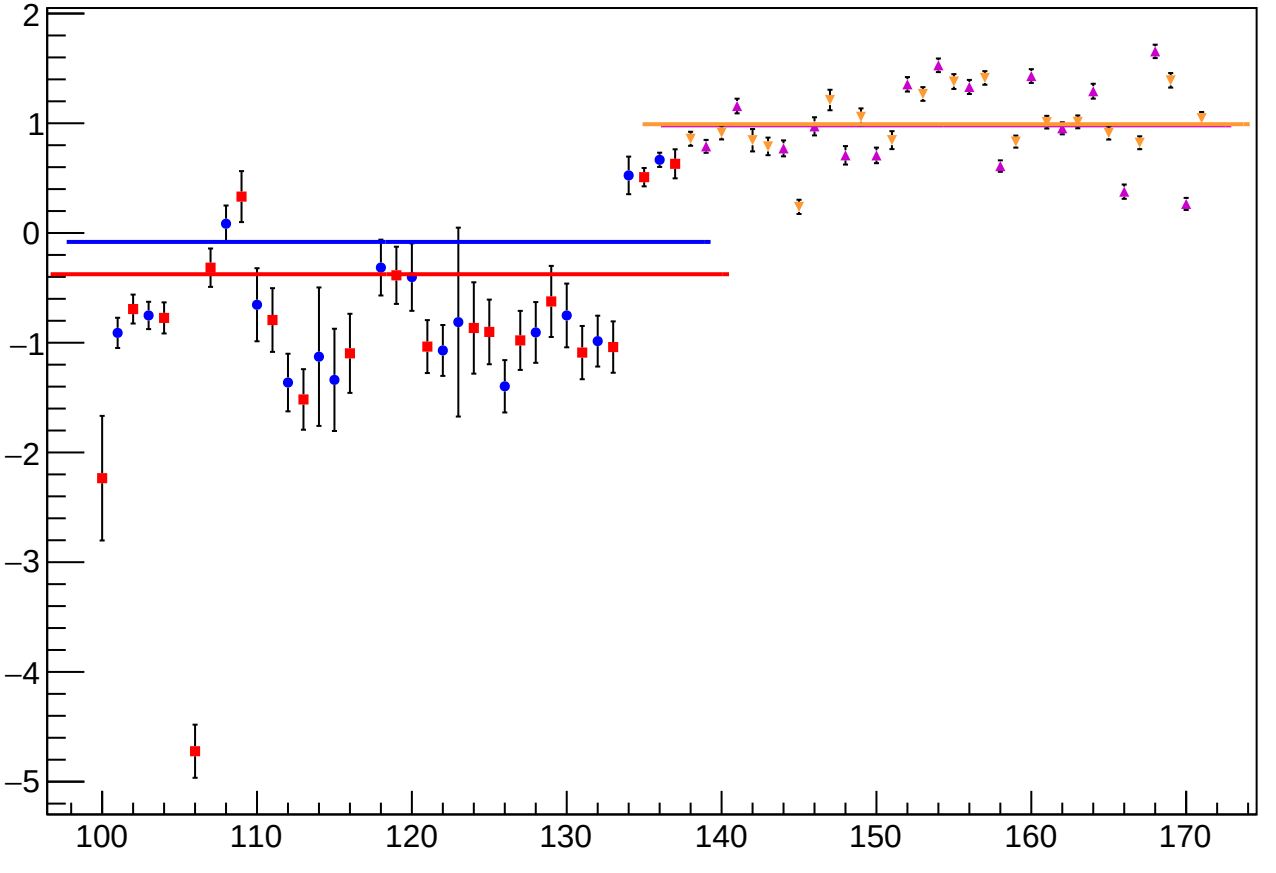
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -107.340+/-0.323 χ^2/NDF:2263.8/32

Out: -108.262+/-0.312 χ^2/NDF:1729.4/36

All: -107.818+/-0.224 χ^2/NDF: 3997.5/69

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: 0.991+/-0.015 χ^2/NDF:313.1/17

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.981+/-0.016 χ^2/NDF:689.0/15

Left: 0.986+/-0.011 χ^2/NDF: 1002.4/33

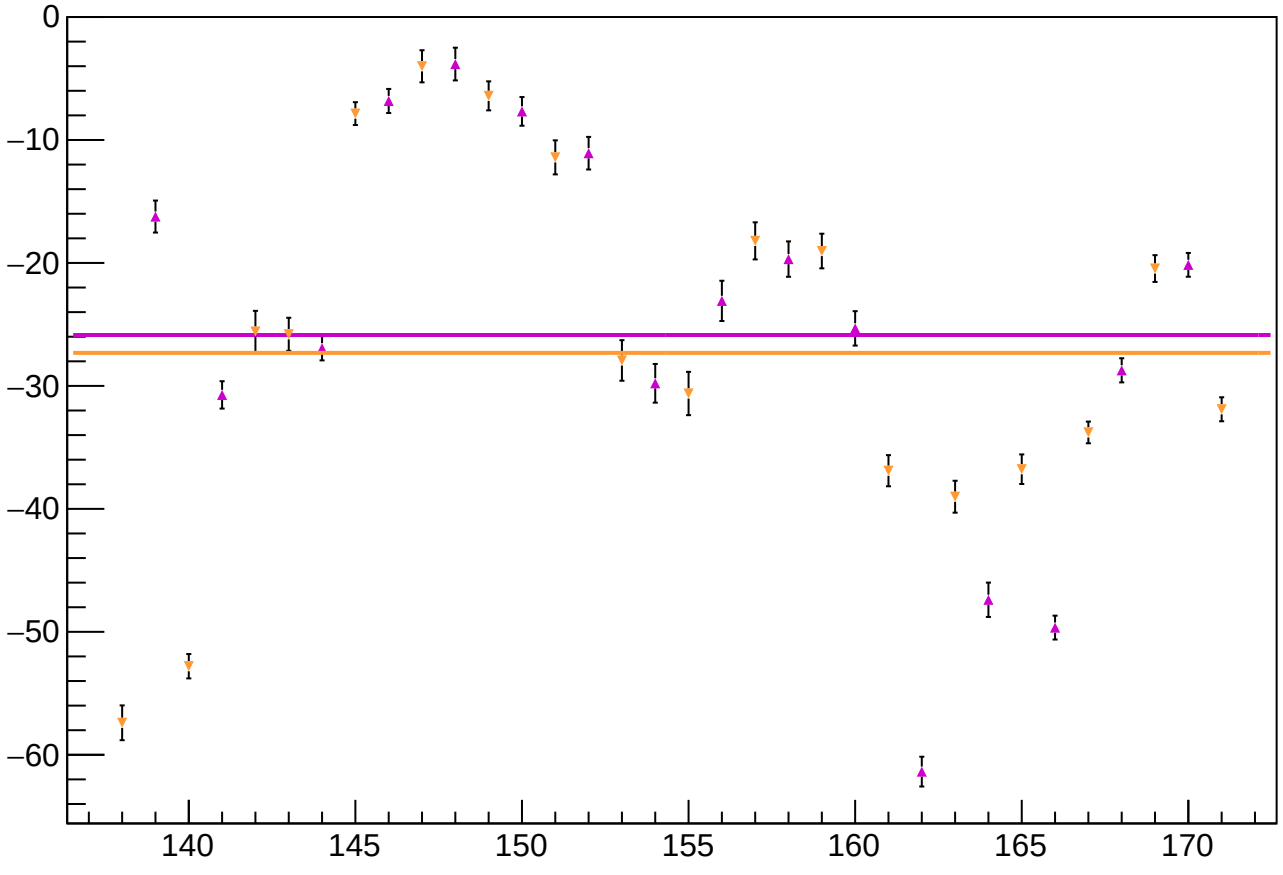
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.847+/-0.015 χ^2/NDF:1572.9/32

Out: 0.841+/-0.015 χ^2/NDF:1759.6/36

All: 0.844+/-0.010 χ^2/NDF: 3332.6/69

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: -27.312+/-0.287 χ^2/NDF:2710.3/17

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

Left In: -25.860+/-0.295 χ^2/NDF:2864.1/15

Left: -26.607+/-0.206 χ^2/NDF: 5586.8/33

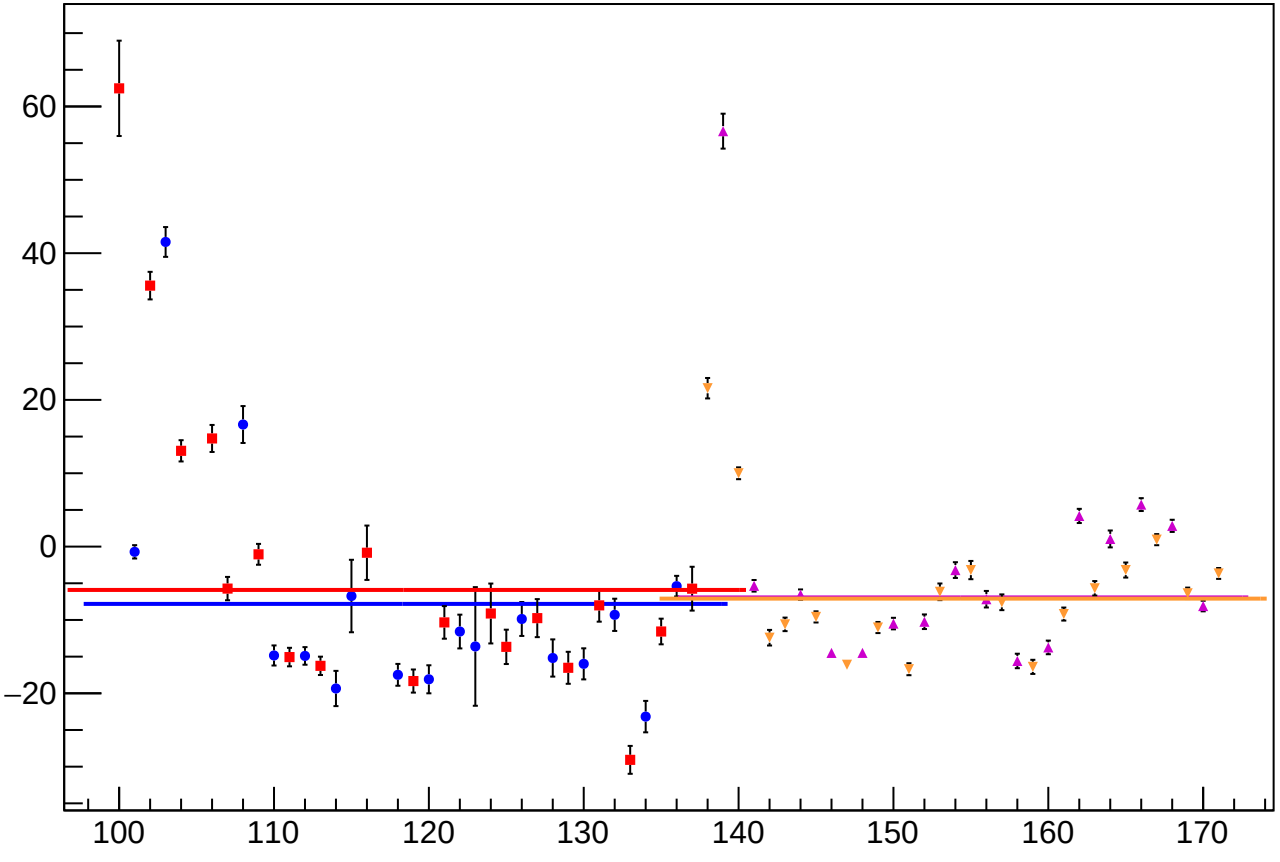
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.860+/-0.295 χ^2/NDF:2864.1/15

Out: -27.312+/-0.287 χ^2/NDF:2710.3/17

All: -26.607+/-0.206 χ^2/NDF: 5586.8/33

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: -7.092+/-0.206 χ^2/NDF:1556.4/17

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -6.926+/-0.214 χ^2/NDF:1706.8/15

Left: -7.012+/-0.149 χ^2/NDF: 3263.4/33

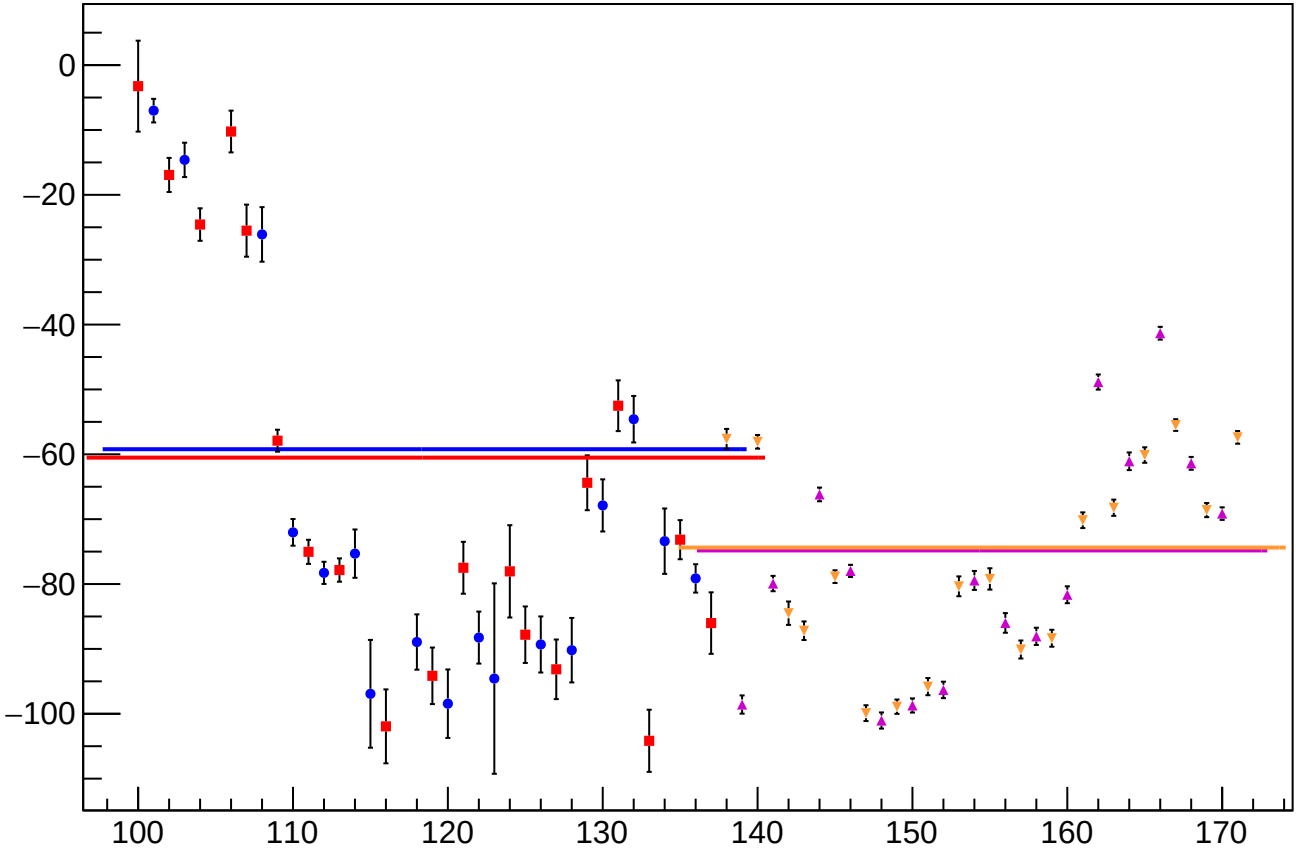
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -7.104+/-0.192 χ^2/NDF:2693.0/32

Out: -6.870+/-0.186 χ^2/NDF:2855.6/36

All: -6.983+/-0.133 χ^2/NDF: 5549.3/69

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: -74.375+/-0.286 χ^2/NDF:2896.8/17

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -74.818+/-0.291 χ^2/NDF:3745.1/15

Left: -74.592+/-0.204 χ^2/NDF: 6643.0/33

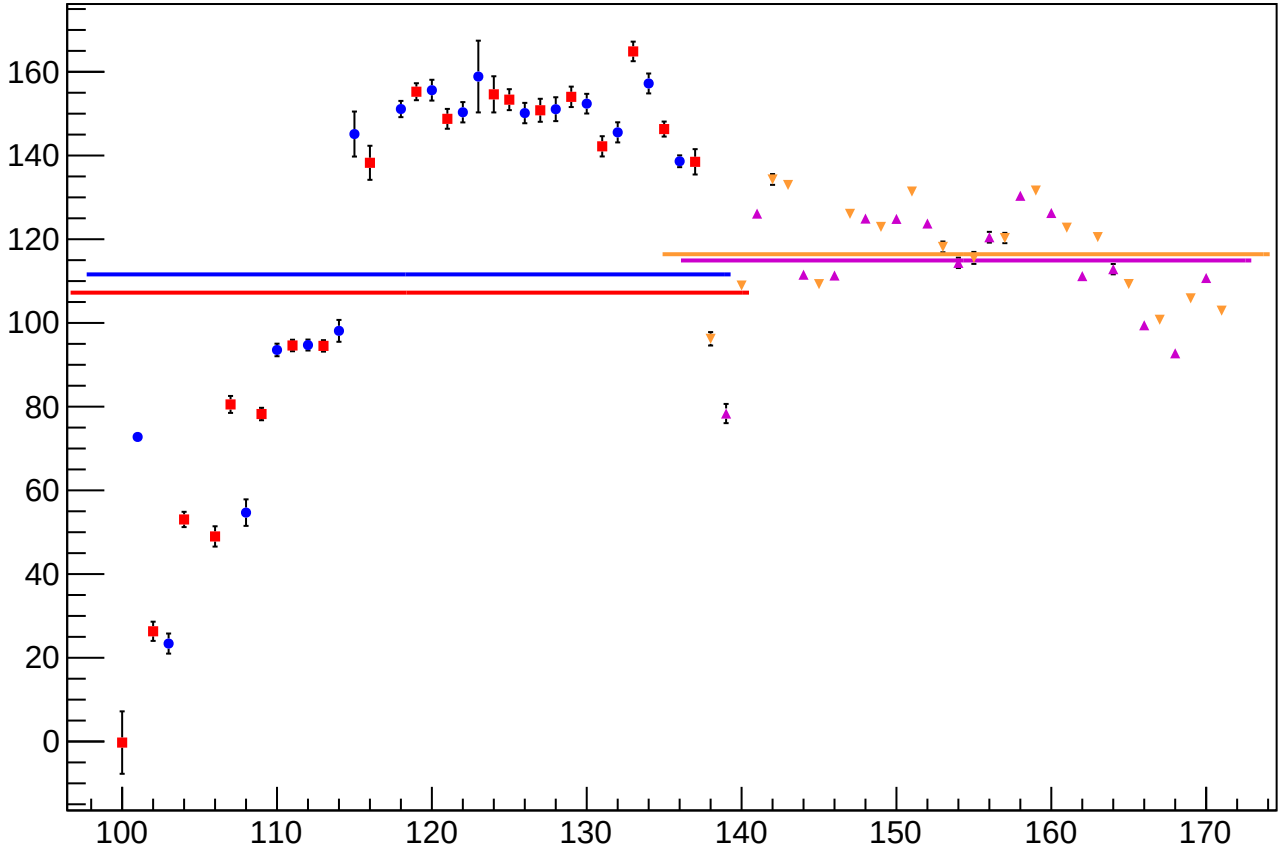
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -72.742+/-0.271 χ^2/NDF:5847.1/32

Out: -72.416+/-0.265 χ^2/NDF:4613.4/36

All: -72.575+/-0.189 χ^2/NDF: 10461.3/69

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: 116.419+/-0.239 χ^2/NDF:2190.9/17

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 114.926+/-0.248 χ^2/NDF:1937.1/15

Left: 115.701+/-0.172 χ^2/NDF: 4146.7/33

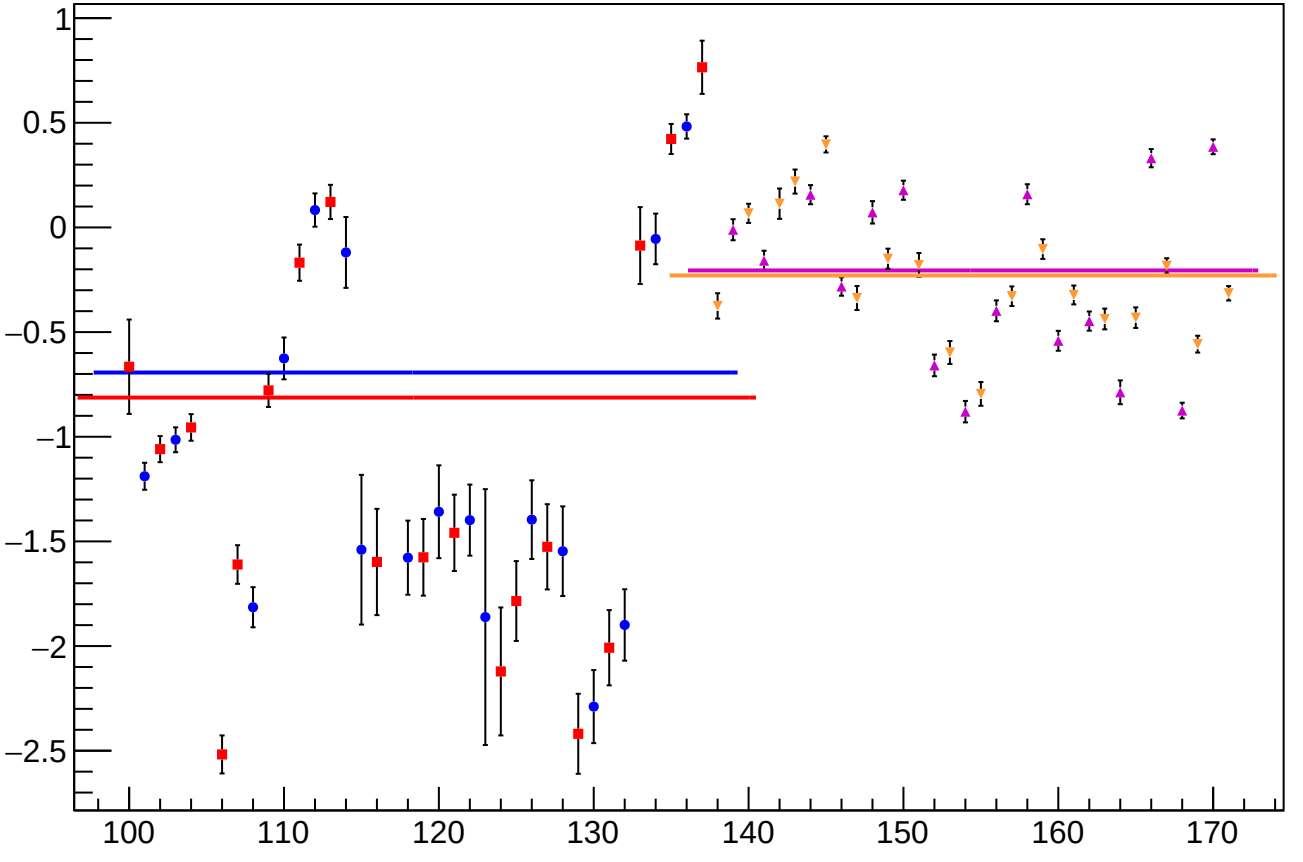
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 114.238+/-0.221 χ^2/NDF:7933.7/32

Out: 114.638+/-0.215 χ^2/NDF:9514.0/36

All: 114.444+/-0.154 χ^2/NDF: 17449.3/69

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: -0.229+/-0.011 χ^2/NDF:670.4/17

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.205+/-0.012 χ^2/NDF:1436.0/15

Left: -0.218+/-0.008 χ^2/NDF: 2108.6/33

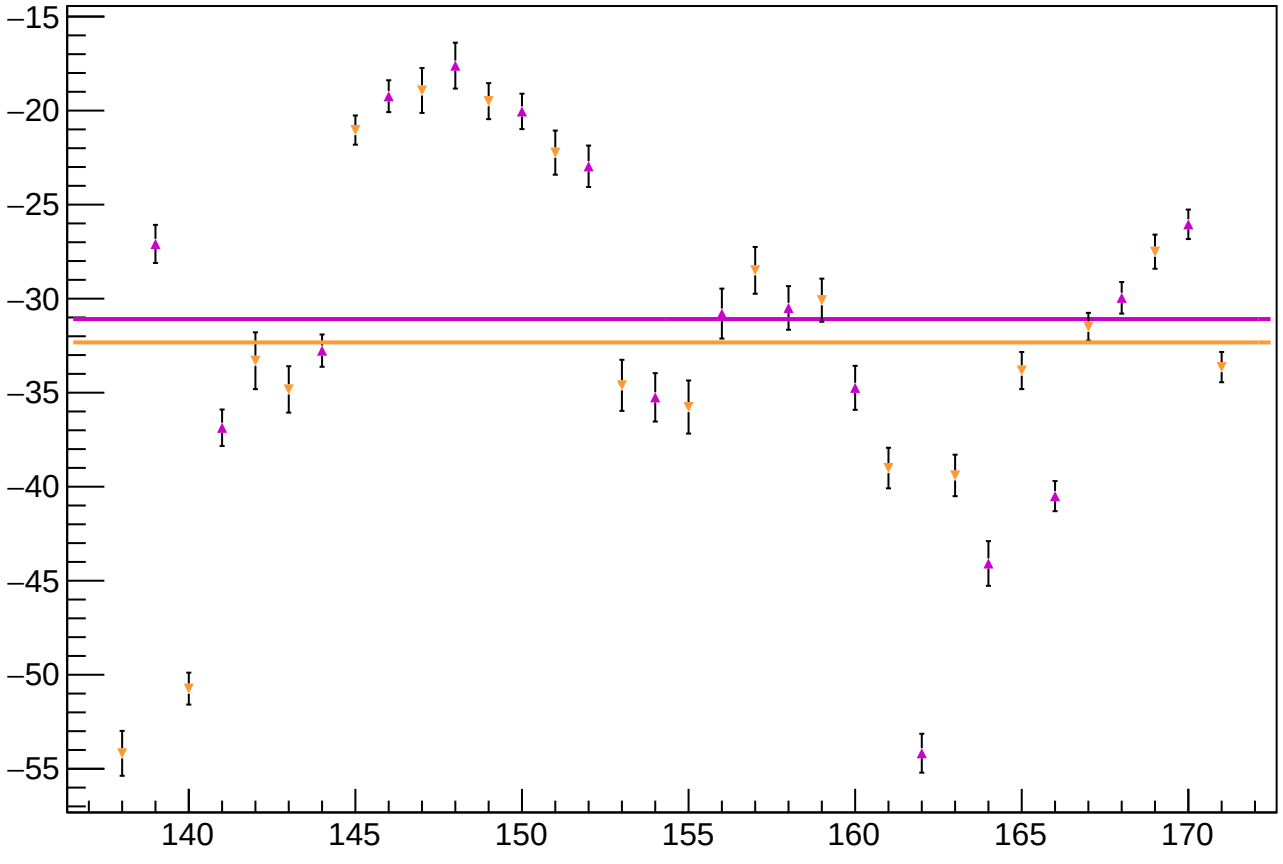
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.287+/-0.011 χ^2/NDF:2727.5/32

Out: -0.331+/-0.010 χ^2/NDF:2455.9/36

All: -0.310+/-0.007 χ^2/NDF: 5192.4/69

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: -32.327+/-0.242 χ^2/NDF:1535.7/17

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

Left In: -31.085+/-0.248 χ^2/NDF:1383.5/15

Left: -31.721+/-0.173 χ^2/NDF: 2932.0/33

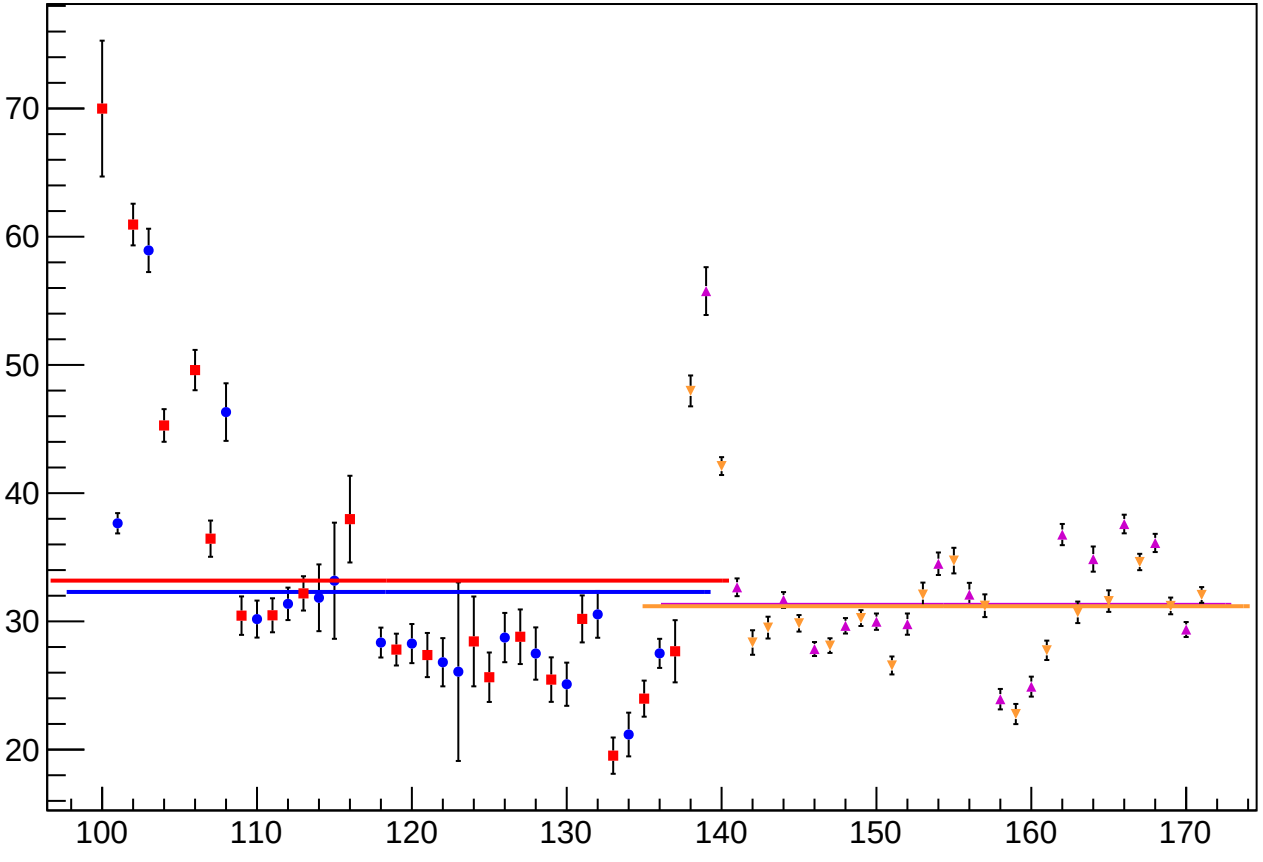
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.085+/-0.248 χ^2/NDF:1383.5/15

Out: -32.327+/-0.242 χ^2/NDF:1535.7/17

All: -31.721+/-0.173 χ^2/NDF: 2932.0/33

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 31.182+/-0.176 χ^2/NDF:712.1/17

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 31.289+/-0.182 χ^2/NDF:586.9/15

Left: 31.234+/-0.126 χ^2/NDF: 1299.1/33

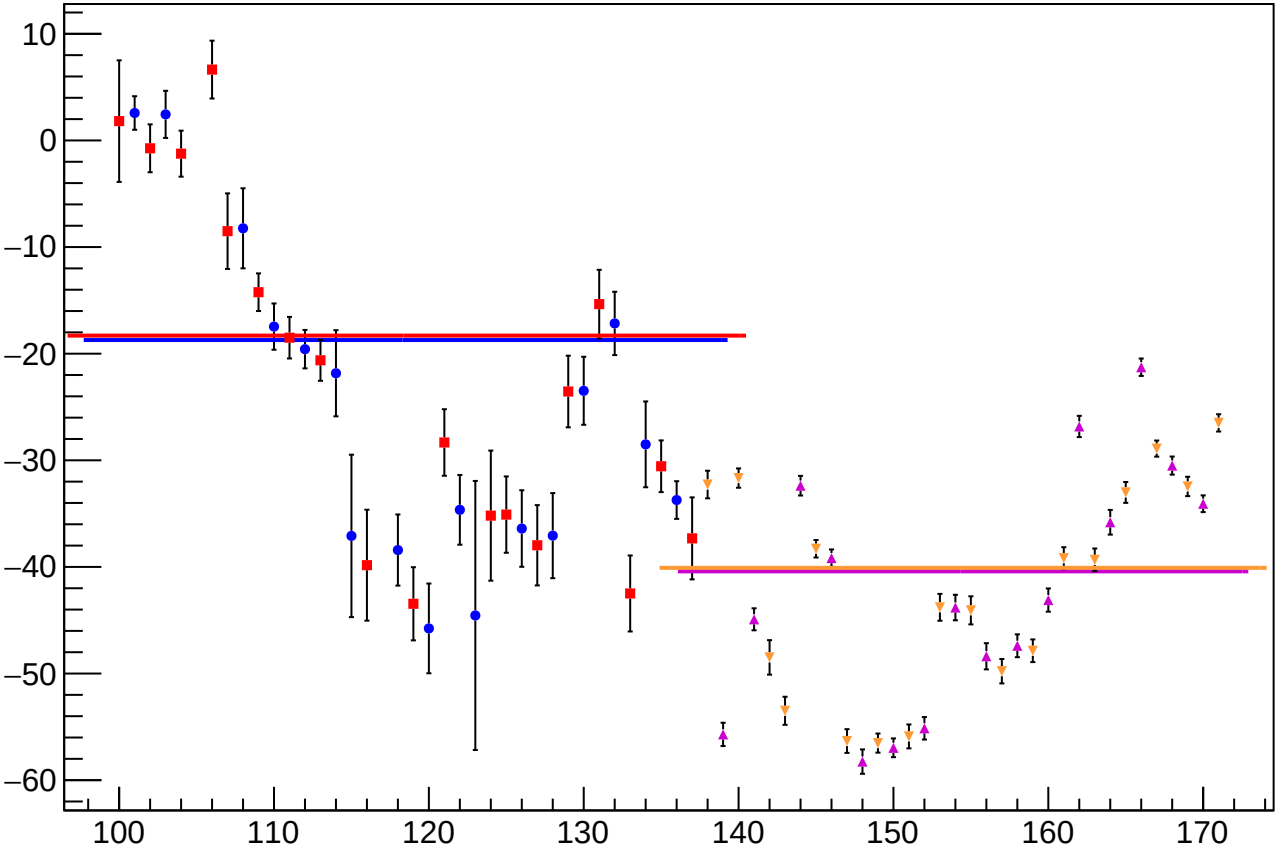
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 31.484+/-0.164 χ^2/NDF:1045.0/32

Out: 31.535+/-0.159 χ^2/NDF:1505.2/36

All: 31.510+/-0.114 χ^2/NDF: 2550.2/69

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: -40.086+/-0.240 χ^2/NDF:1773.6/17

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -40.416+/-0.244 χ^2/NDF:2136.1/15

Left: -40.248+/-0.171 χ^2/NDF: 3910.6/33

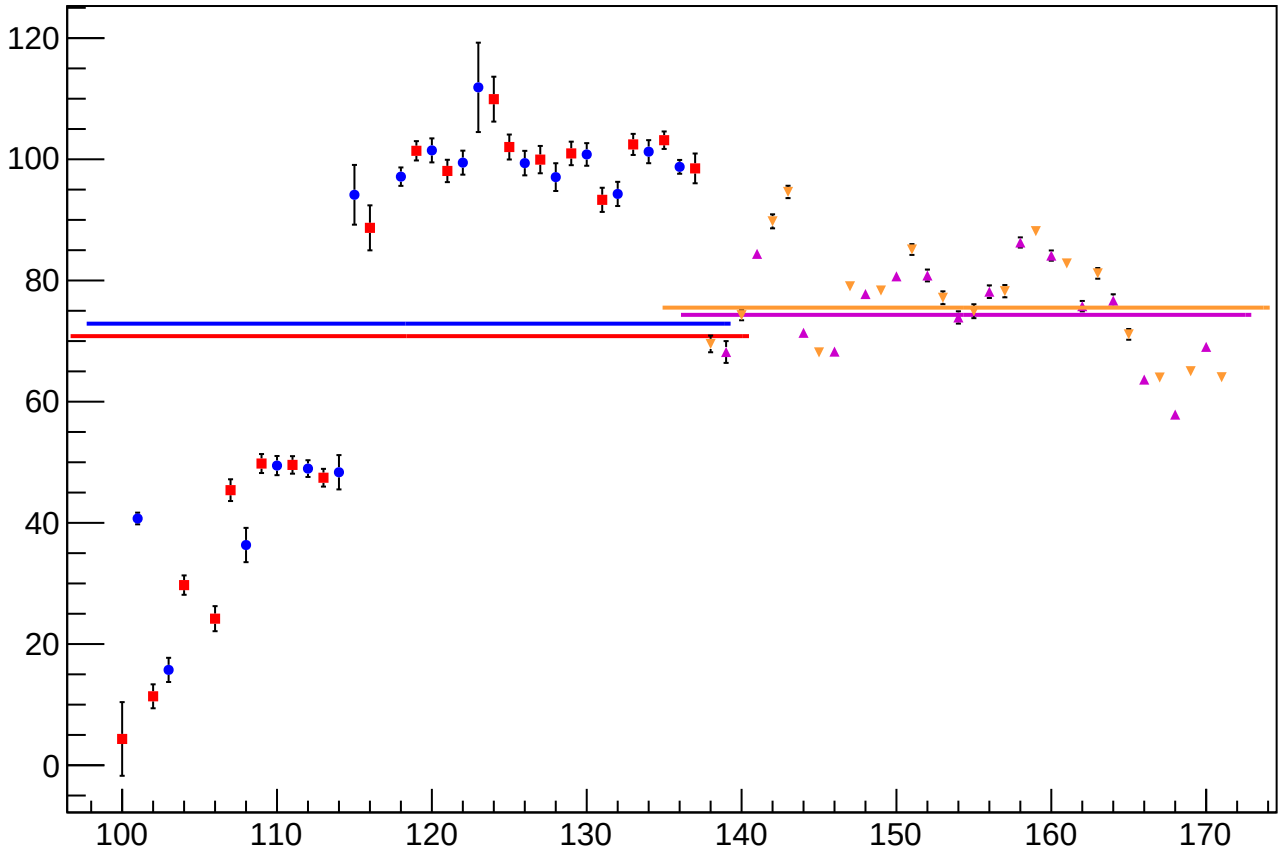
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -37.838+/-0.229 χ^2/NDF:3592.5/32

Out: -37.421+/-0.225 χ^2/NDF:3251.5/36

All: -37.626+/-0.161 χ^2/NDF: 6845.7/69

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: 75.521+/-0.202 χ^2/NDF:1927.9/17

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 74.328+/-0.210 χ^2/NDF:1403.3/15

Left: 74.946+/-0.146 χ^2/NDF: 3347.9/33

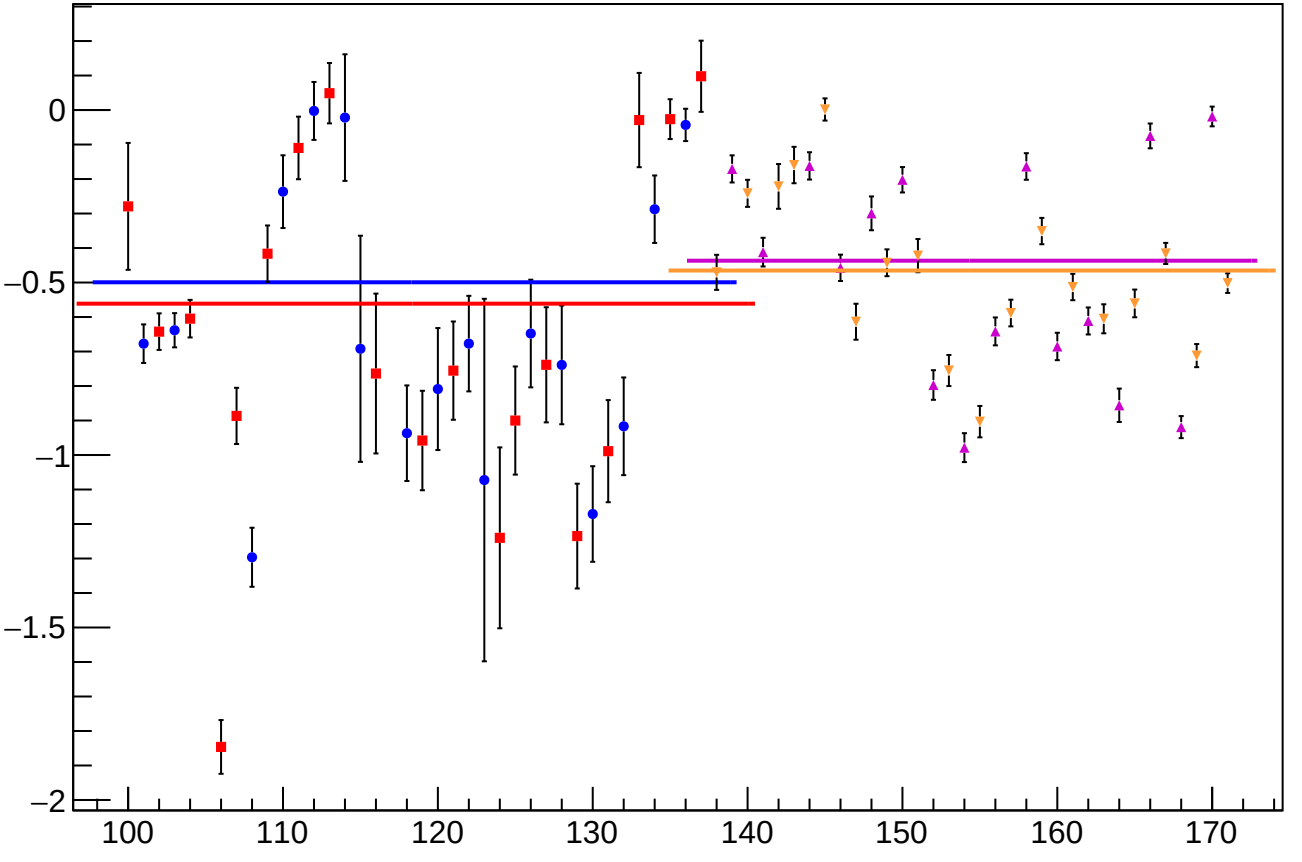
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 74.044+/-0.188 χ^2/NDF:6150.6/32

Out: 74.678+/-0.183 χ^2/NDF:7514.0/36

All: 74.370+/-0.131 χ^2/NDF: 13670.4/69

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: -0.465+/-0.009 χ^2/NDF:530.0/17

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.437+/-0.010 χ^2/NDF:1133.9/15

Left: -0.451+/-0.007 χ^2/NDF: 1668.4/33

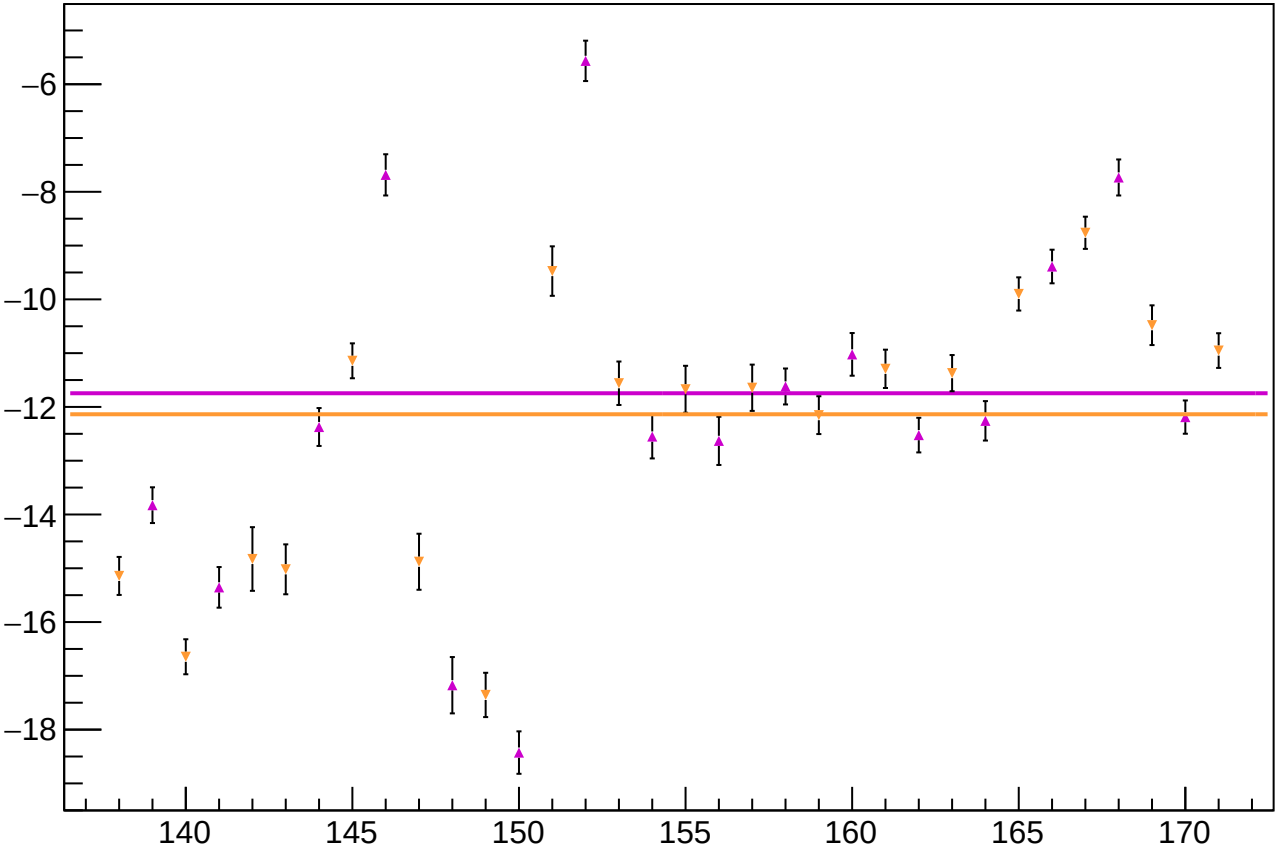
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.447+/-0.009 χ^2/NDF:1444.0/32

Out: -0.481+/-0.009 χ^2/NDF:1109.3/36

All: -0.464+/-0.006 χ^2/NDF: 2560.9/69

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: -12.136+/-0.088 χ^2/NDF:783.1/17

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

Left In: -11.746+/-0.091 χ^2/NDF:1132.4/15

Left: -11.947+/-0.063 χ^2/NDF: 1925.0/33

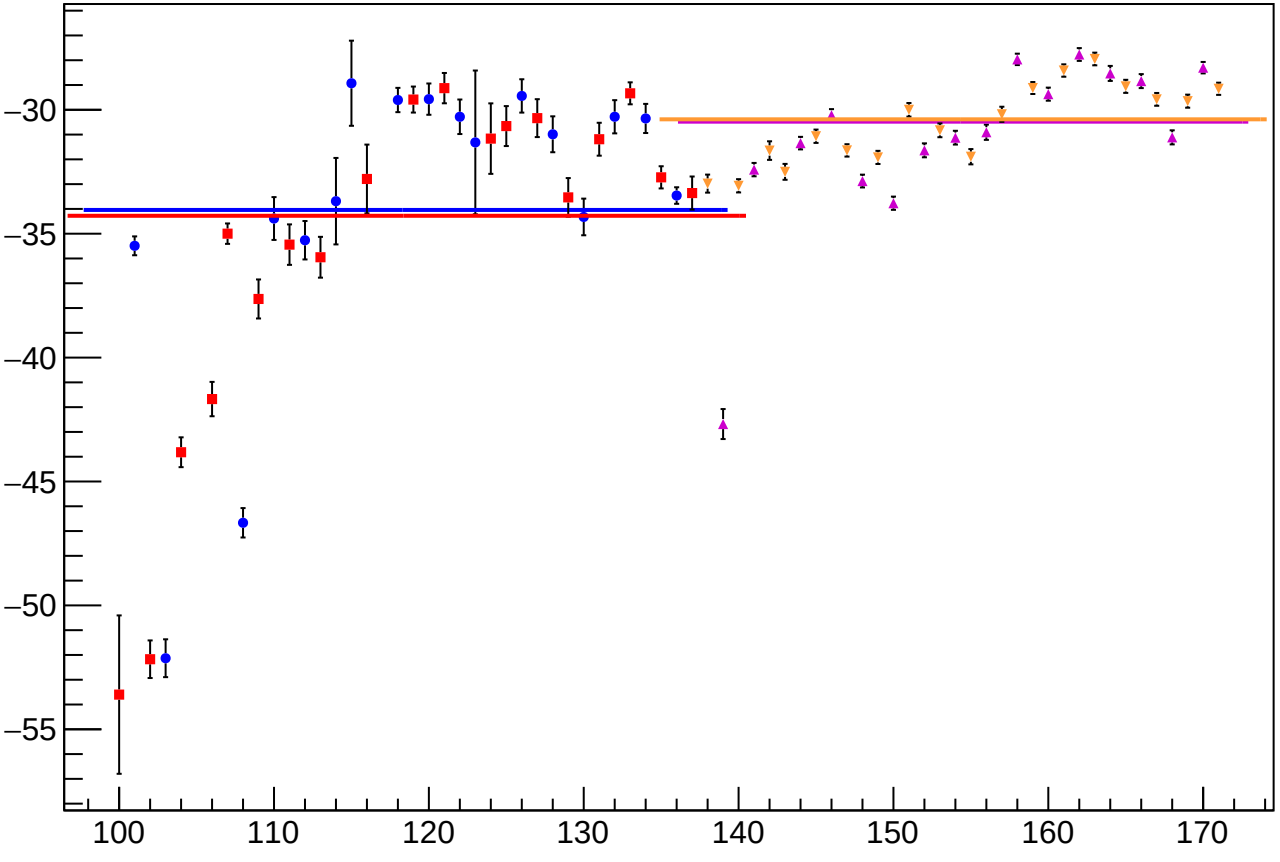
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.746+/-0.091 χ^2/NDF:1132.4/15

Out: -12.136+/-0.088 χ^2/NDF:783.1/17

All: -11.947+/-0.063 χ^2/NDF: 1925.0/33

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: -30.385+/-0.065 χ^2/NDF:548.1/17

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.479+/-0.068 χ^2/NDF:1148.0/15

Left: -30.429+/-0.047 χ^2/NDF: 1697.1/33

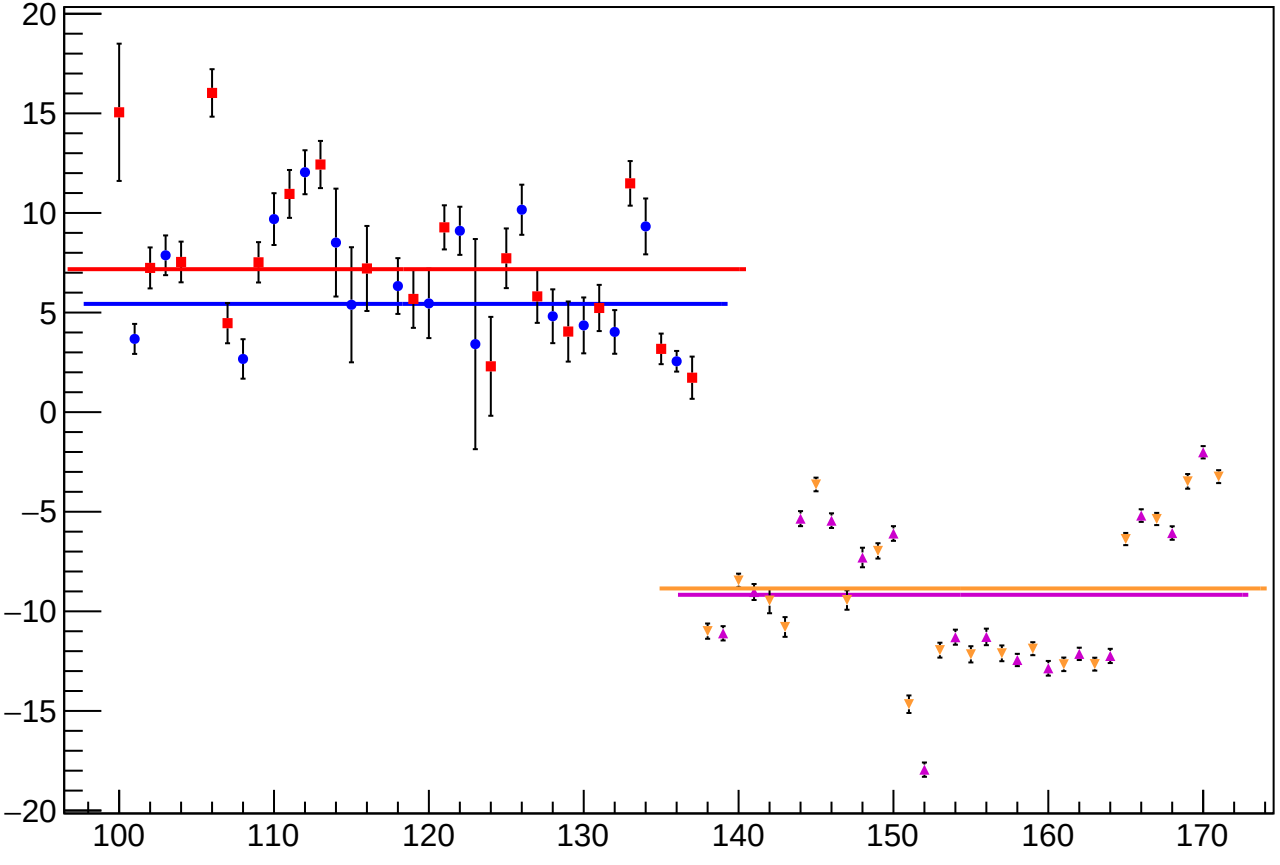
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -31.082+/-0.062 χ^2/NDF:2953.2/32

Out: -30.991+/-0.060 χ^2/NDF:2459.8/36

All: -31.034+/-0.043 χ^2/NDF: 5414.2/69

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -8.851+/-0.087 χ^2/NDF:1736.4/17

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -9.170+/-0.089 χ^2/NDF:2124.6/15

Left: -9.007+/-0.062 χ^2/NDF: 3867.5/33

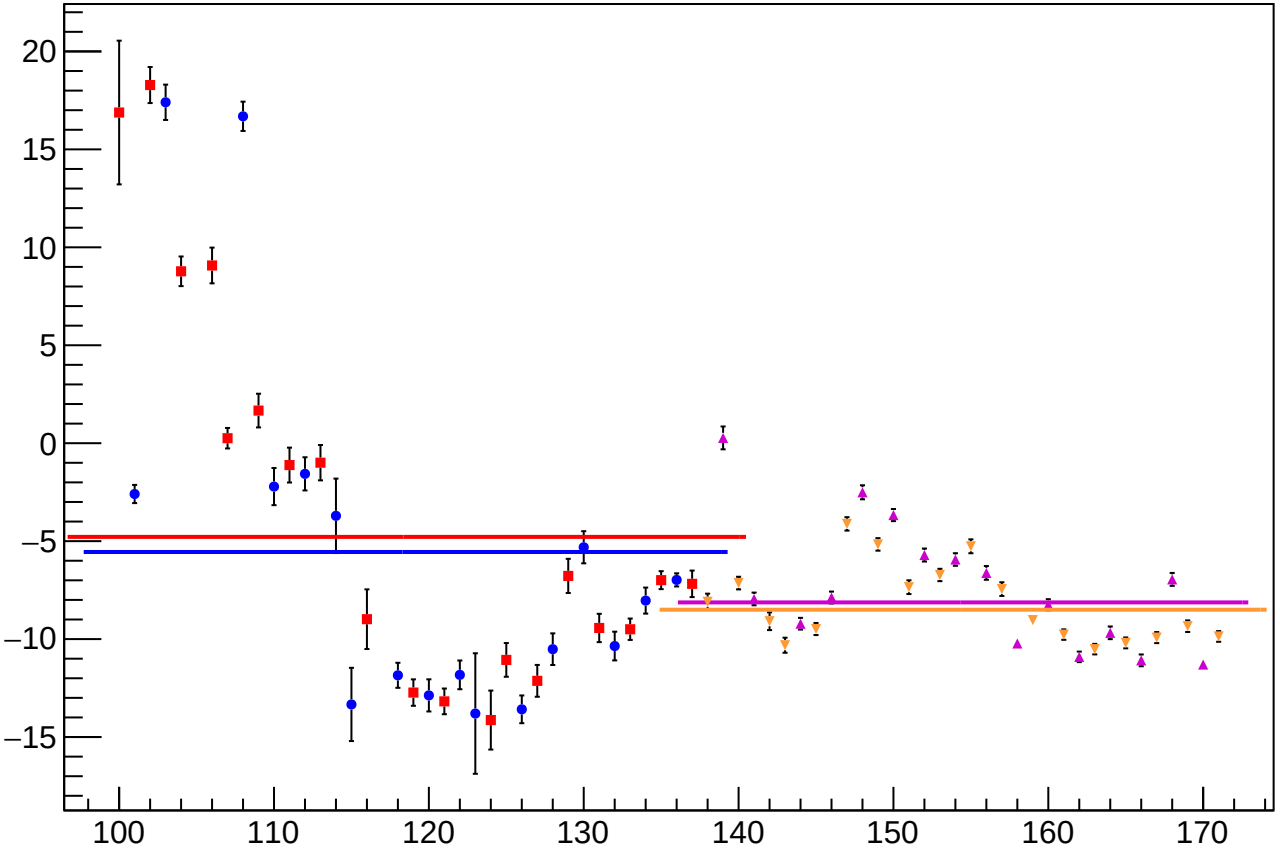
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -7.726+/-0.085 χ^2/NDF:4901.8/32

Out: -7.379+/-0.083 χ^2/NDF:5022.8/36

All: -7.549+/-0.059 χ^2/NDF: 9933.2/69

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: -8.500+/-0.074 χ^2/NDF:638.4/17

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -8.127+/-0.077 χ^2/NDF:1267.2/15

Left: -8.322+/-0.053 χ^2/NDF: 1917.8/33

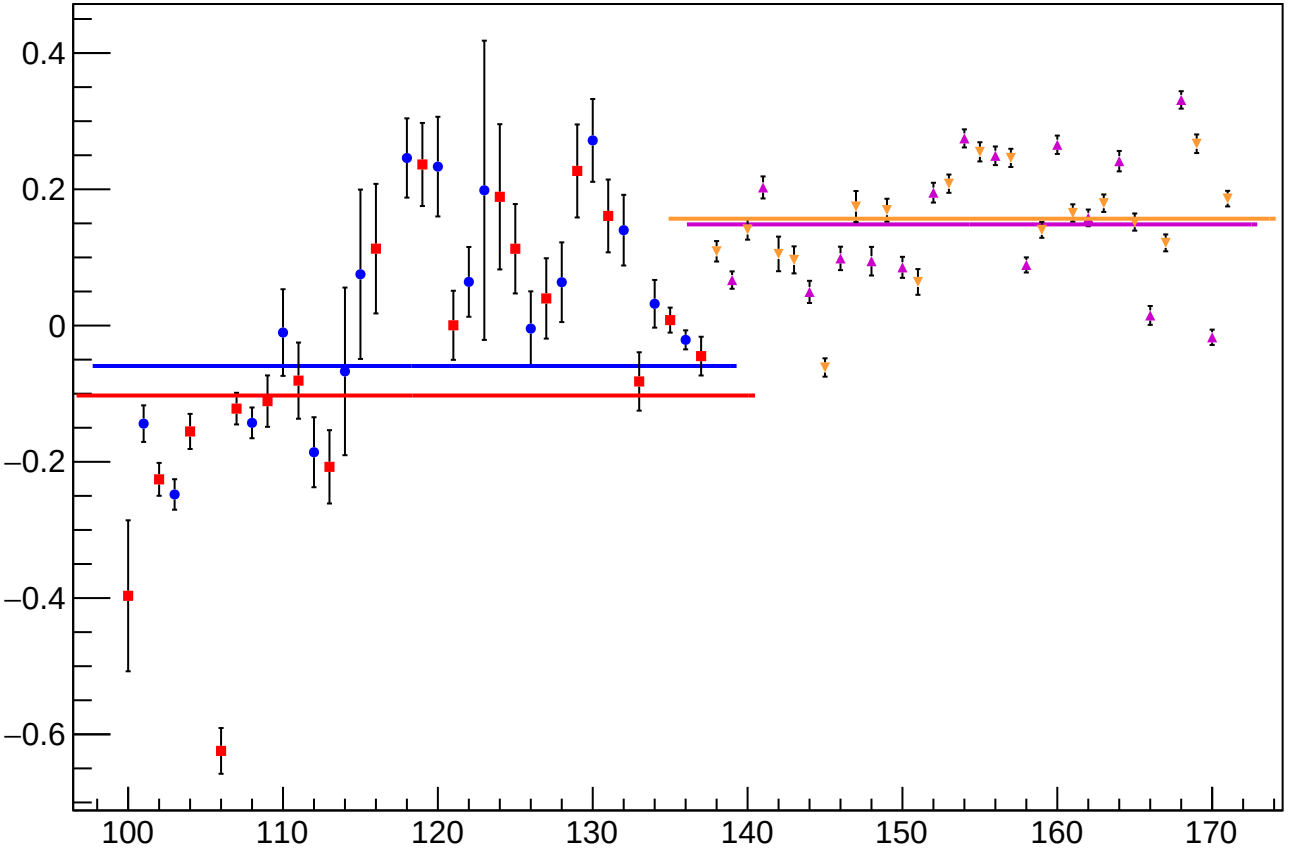
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -7.687+/-0.070 χ^2/NDF:3582.8/32

Out: -7.927+/-0.068 χ^2/NDF:3070.4/36

All: -7.812+/-0.049 χ^2/NDF: 6659.3/69

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: 0.157+/-0.003 χ^2/NDF:507.2/17

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.149+/-0.003 χ^2/NDF:931.3/15

Left: 0.153+/-0.002 χ^2/NDF: 1441.5/33

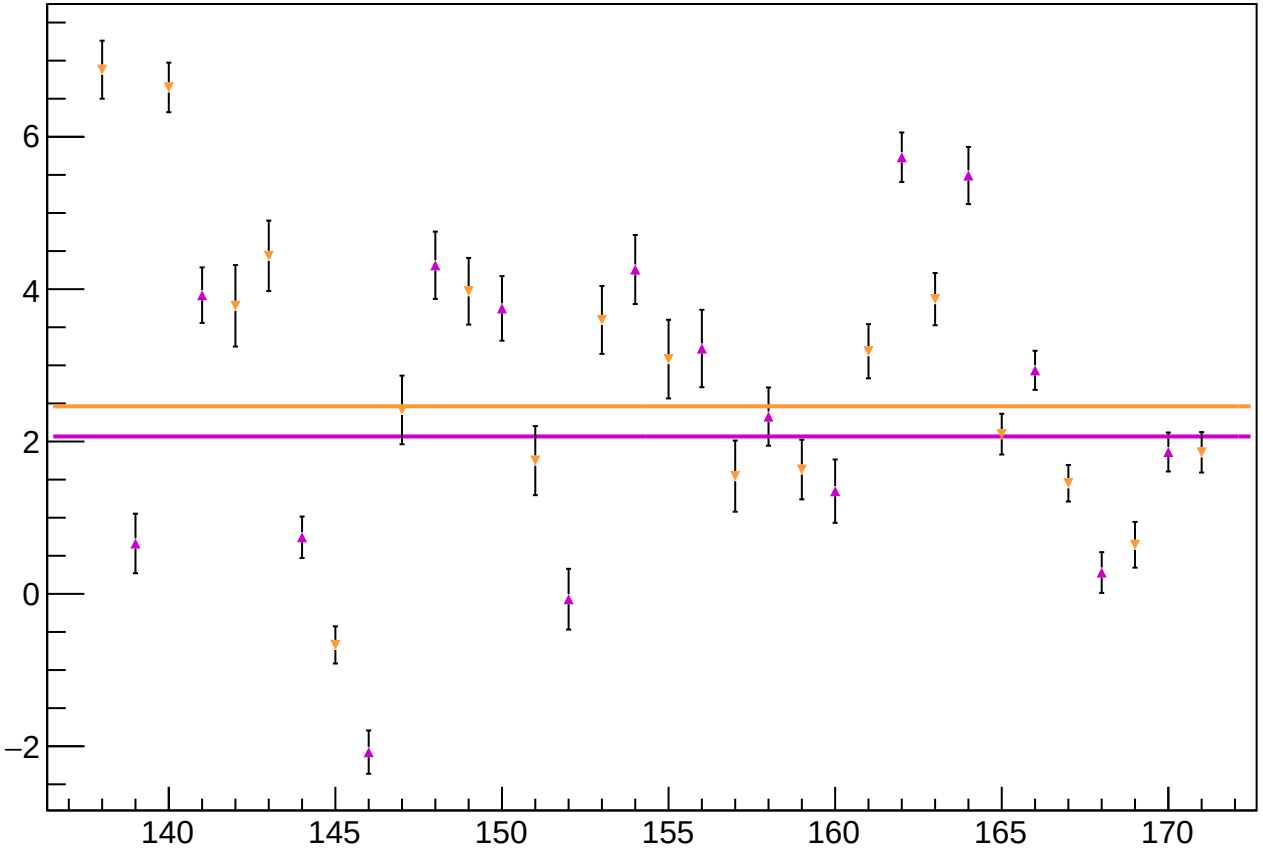
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.118+/-0.003 χ^2/NDF:1673.1/32

Out: 0.121+/-0.003 χ^2/NDF:1762.1/36

All: 0.120+/-0.002 χ^2/NDF: 3435.6/69

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: 2.463+/-0.082 χ^2/NDF:602.4/17

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

Left In: 2.066+/-0.085 χ^2/NDF:643.7/15

Left: 2.271+/-0.059 χ^2/NDF: 1257.4/33

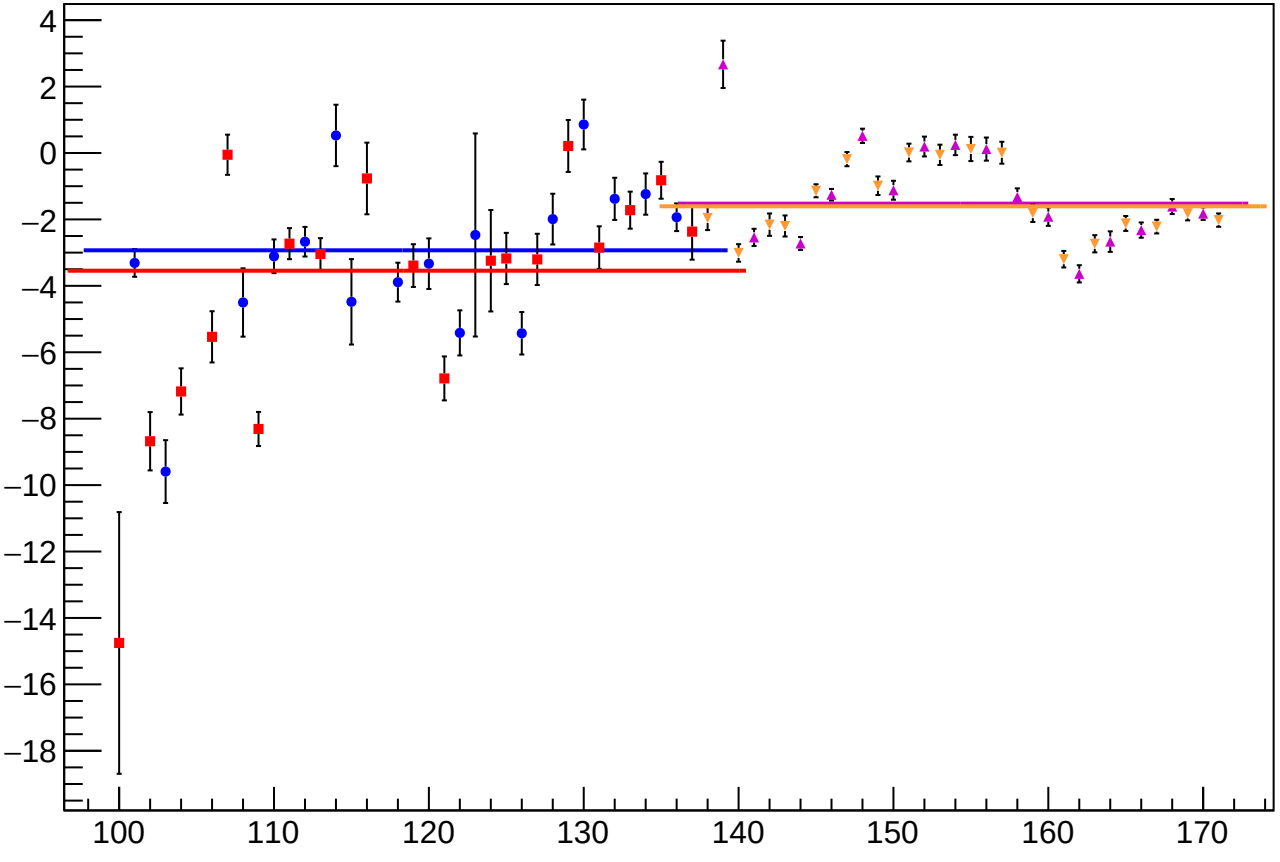
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.066+/-0.085 χ^2/NDF:643.7/15

Out: 2.463+/-0.082 χ^2/NDF:602.4/17

All: 2.271+/-0.059 χ^2/NDF: 1257.4/33

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: -1.606+/-0.060 χ^2/NDF:278.8/17

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.525+/-0.062 χ^2/NDF:368.1/15

Left: -1.567+/-0.043 χ^2/NDF: 647.8/33

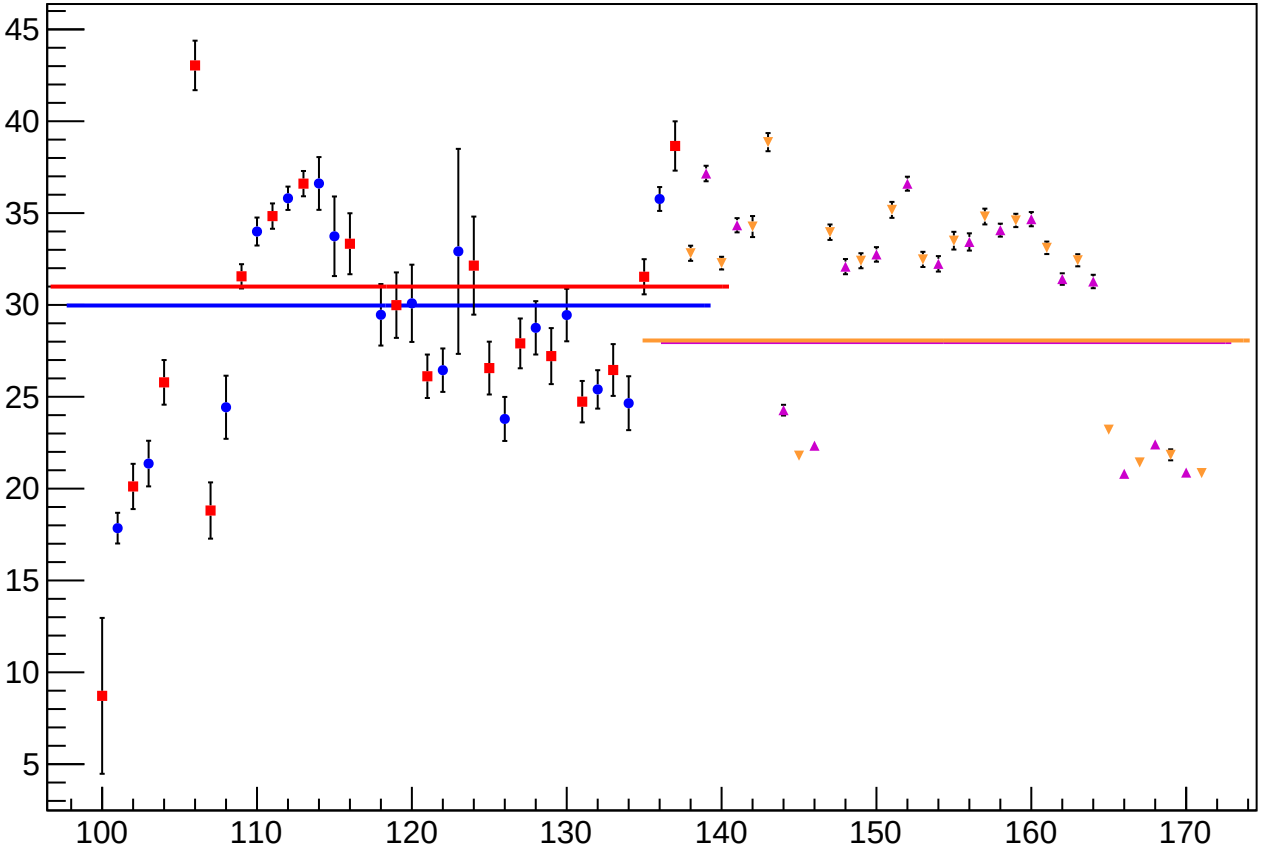
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.722+/-0.058 χ^2/NDF:586.3/32

Out: -1.859+/-0.056 χ^2/NDF:707.1/36

All: -1.793+/-0.040 χ^2/NDF: 1296.4/69

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: 28.064+/-0.082 χ^2/NDF:5467.1/17

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 27.979+/-0.084 χ^2/NDF:5069.3/15

Left: 28.022+/-0.058 χ^2/NDF: 10537.0/33

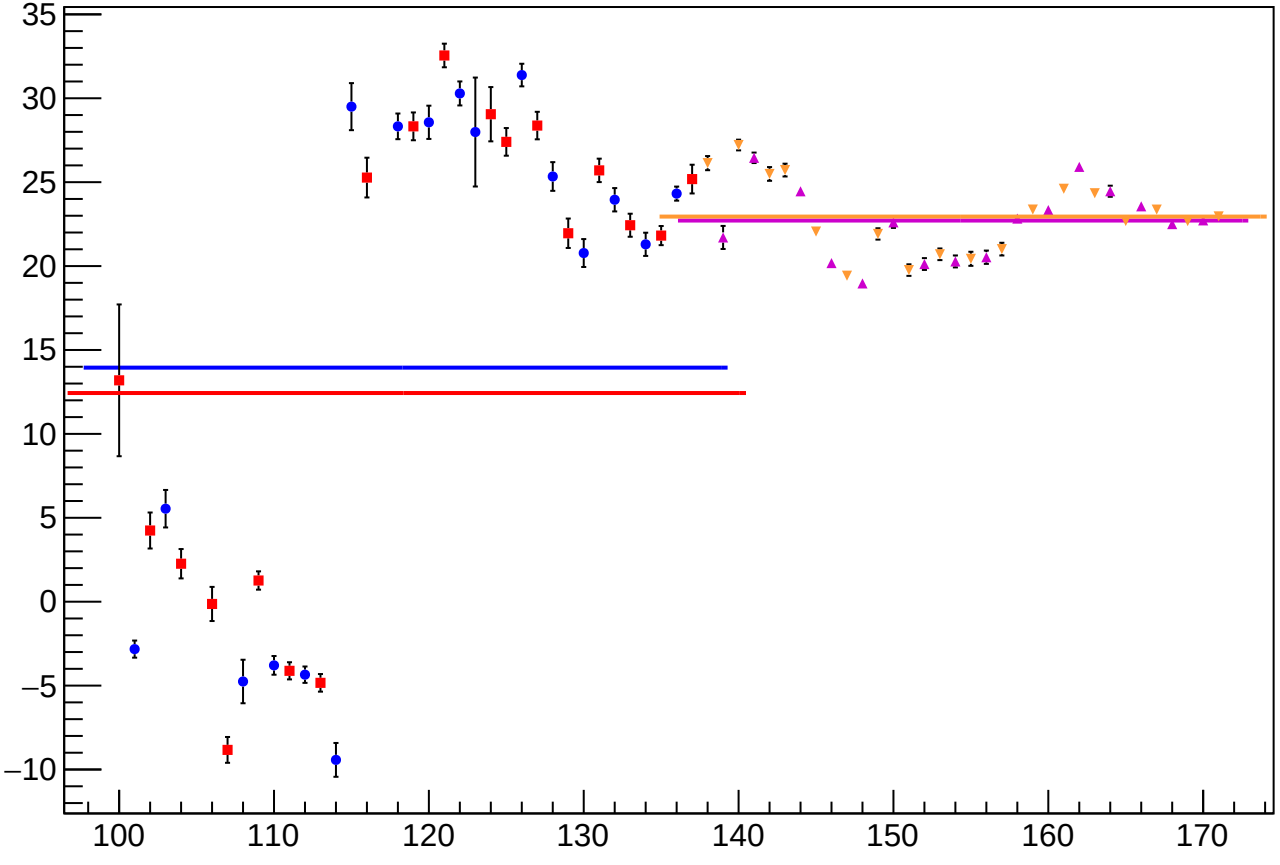
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 28.157+/-0.080 χ^2/NDF:5674.3/32

Out: 28.328+/-0.078 χ^2/NDF:6062.7/36

All: 28.245+/-0.056 χ^2/NDF: 11739.3/69

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: 22.950+/-0.069 χ^2/NDF:757.1/17

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 22.713+/-0.071 χ^2/NDF:807.7/15

Left: 22.836+/-0.050 χ^2/NDF: 1570.4/33

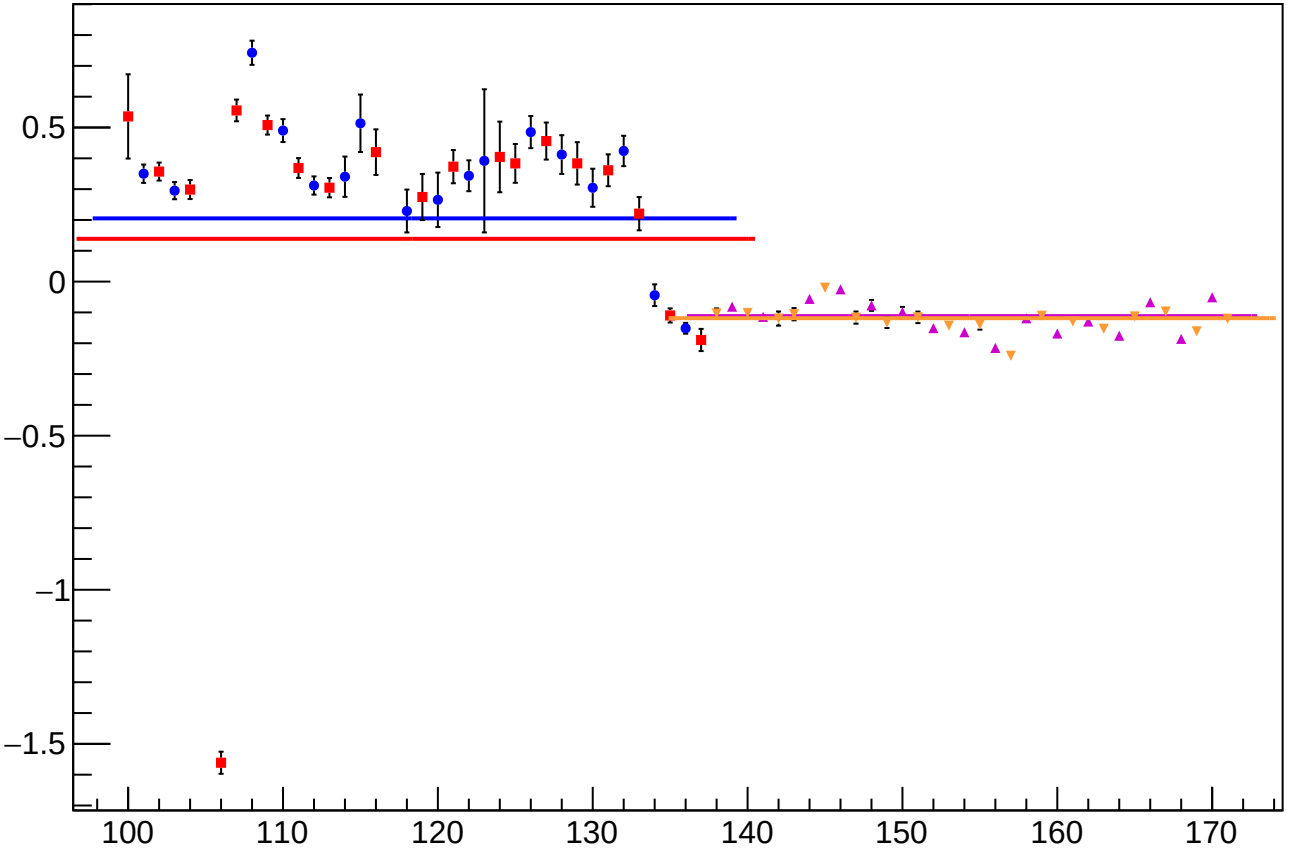
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 21.423+/-0.066 χ^2/NDF:10415.2/32

Out: 21.529+/-0.064 χ^2/NDF:10890.0/36

All: 21.478+/-0.046 χ^2/NDF: 21306.6/69

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.009 χ^2/NDF: 846.2/16

Left Out: -0.119+/-0.003 χ^2/NDF:200.6/17

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.112+/-0.003 χ^2/NDF:284.6/15

Left: -0.116+/-0.002 χ^2/NDF: 487.2/33

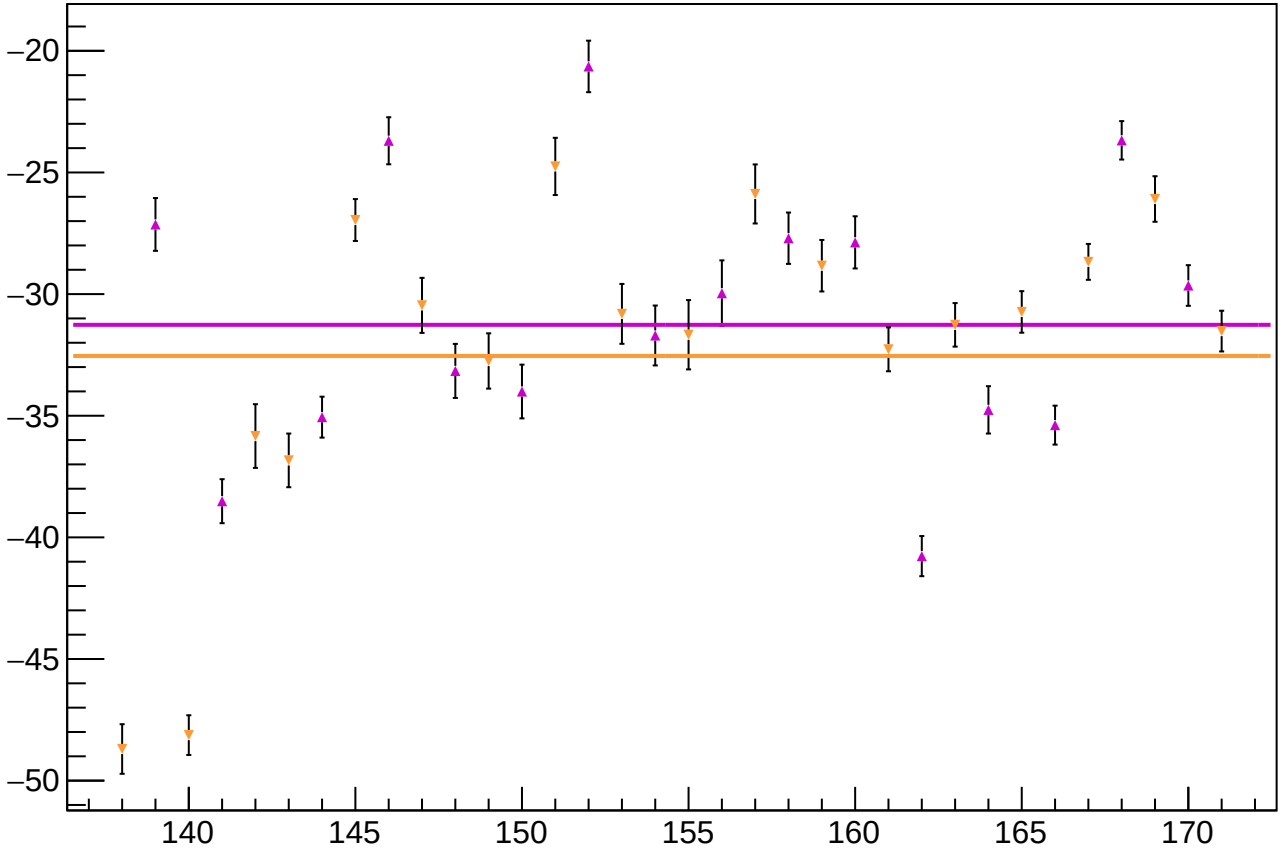
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.077+/-0.003 χ^2/NDF:2152.4/32

Out: -0.091+/-0.003 χ^2/NDF:3918.8/36

All: -0.085+/-0.002 χ^2/NDF: 6082.4/69

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: -32.543+/-0.233 χ^2/NDF:854.3/17

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

Left In: -31.263+/-0.241 χ^2/NDF:560.5/15

Left: -31.926+/-0.167 χ^2/NDF: 1429.4/33

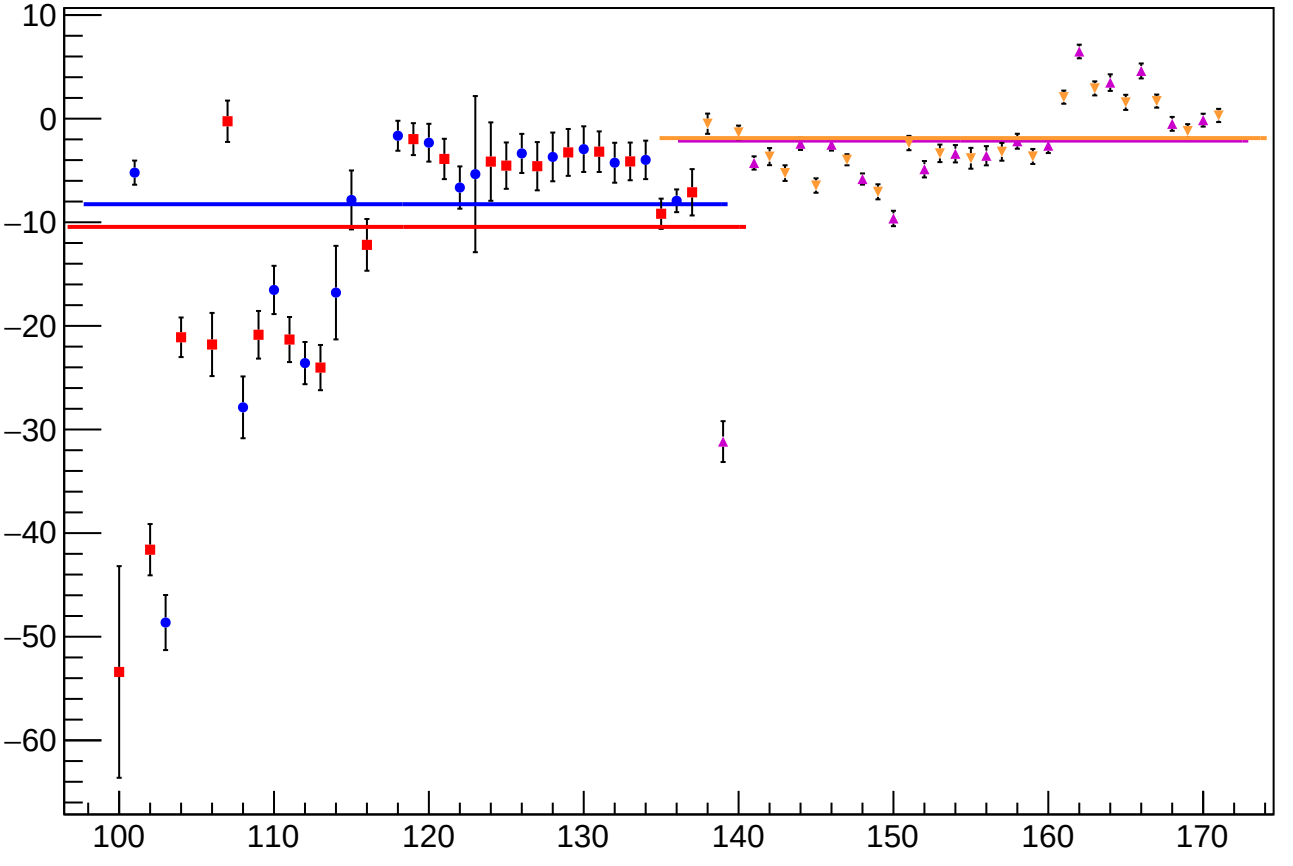
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.263+/-0.241 χ^2/NDF:560.5/15

Out: -32.543+/-0.233 χ^2/NDF:854.3/17

All: -31.926+/-0.167 χ^2/NDF: 1429.4/33

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: -1.877+/-0.168 χ^2/NDF:308.4/17

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -2.118+/-0.175 χ^2/NDF:717.8/15

Left: -1.992+/-0.121 χ^2/NDF: 1027.1/33

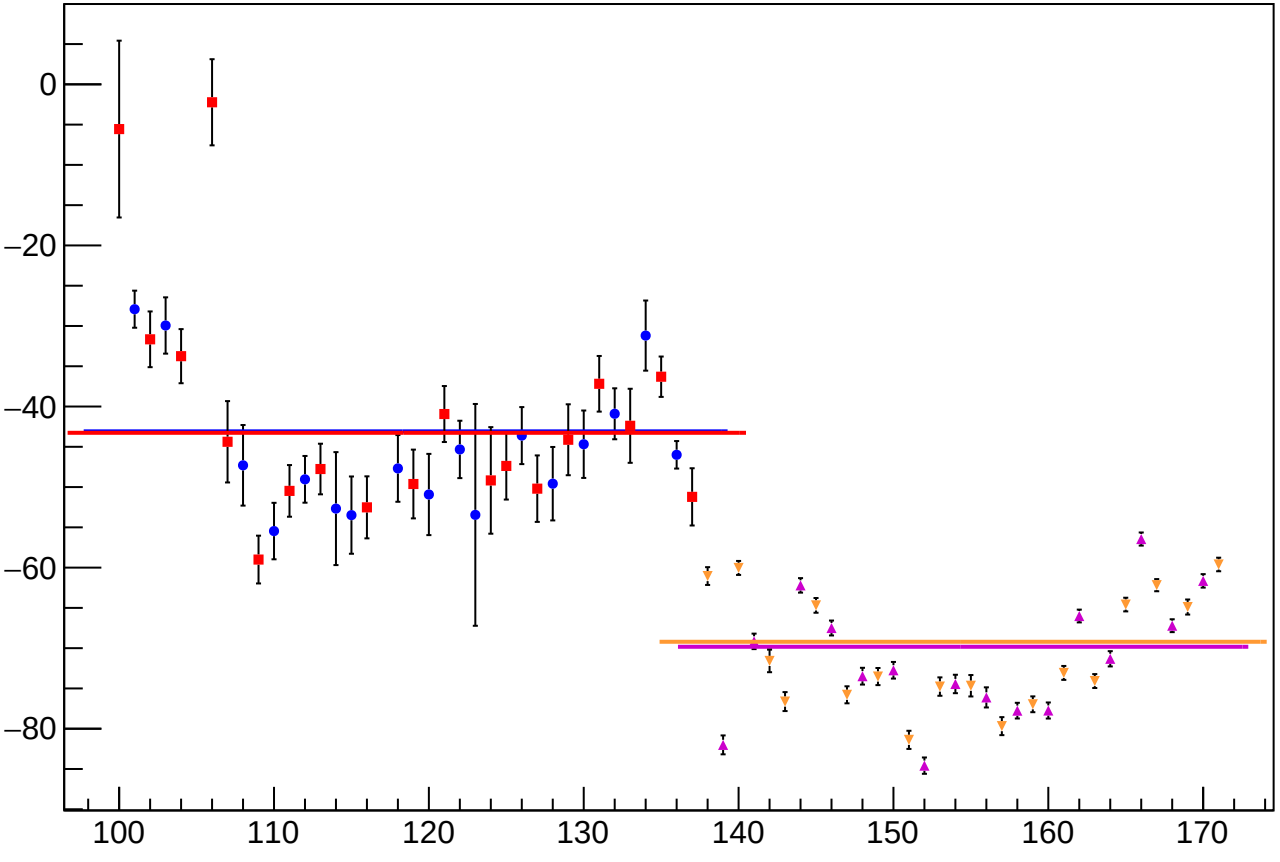
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -2.892+/-0.164 χ^2/NDF:1284.1/32

Out: -2.772+/-0.159 χ^2/NDF:1009.3/36

All: -2.830+/-0.114 χ^2/NDF: 2293.7/69

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: -69.205+/-0.231 χ^2/NDF:915.2/17

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -69.827+/-0.238 χ^2/NDF:991.1/15

Left: -69.508+/-0.166 χ^2/NDF: 1909.8/33

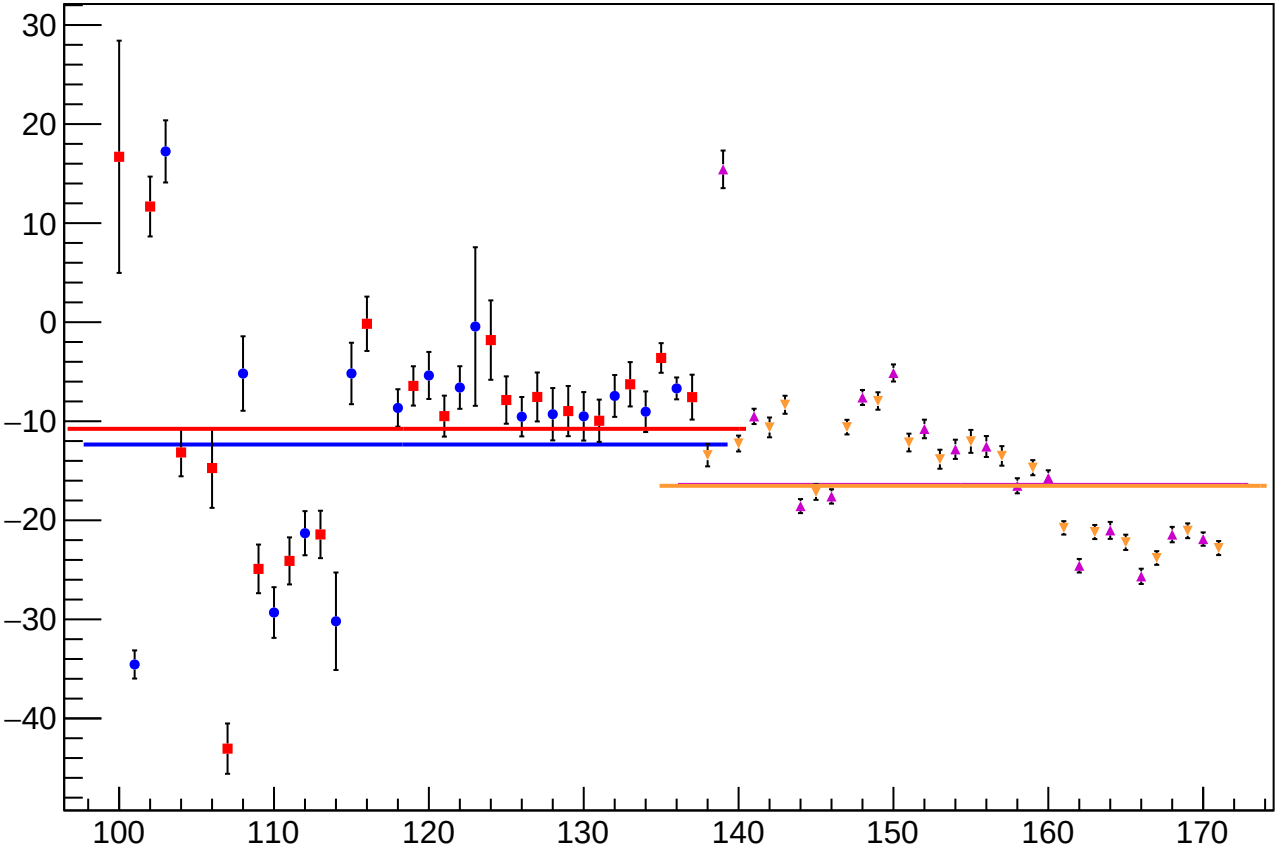
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -67.819+/-0.229 χ^2/NDF:2040.8/32

Out: -67.479+/-0.223 χ^2/NDF:1906.3/36

All: -67.645+/-0.160 χ^2/NDF: 3948.2/69

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: -16.518+/-0.193 χ^2/NDF:735.9/17

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -16.424+/-0.202 χ^2/NDF:1165.1/15

Left: -16.473+/-0.140 χ^2/NDF: 1901.1/33

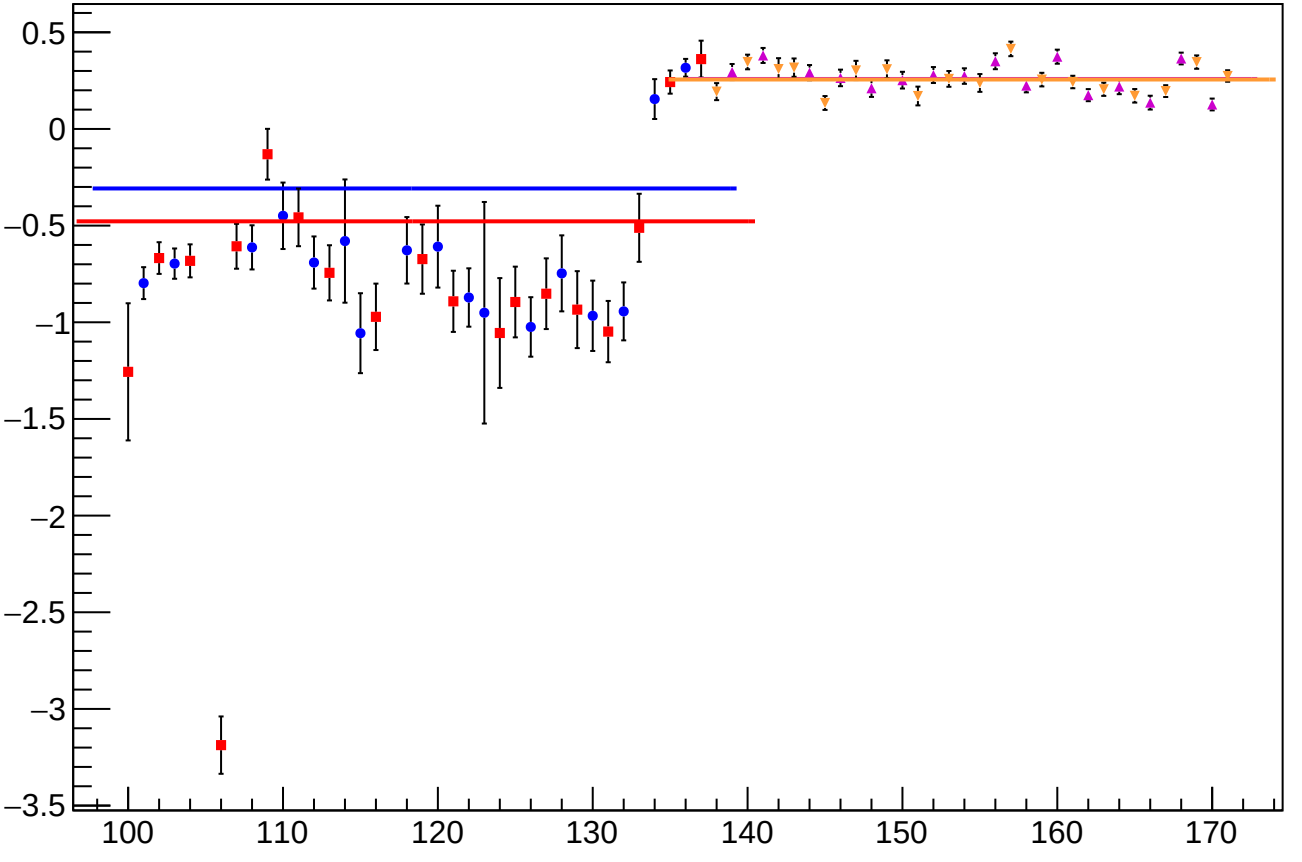
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -15.887+/-0.189 χ^2/NDF:1694.5/32

Out: -15.892+/-0.183 χ^2/NDF:1198.8/36

All: -15.889+/-0.131 χ^2/NDF: 2893.2/69

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: 0.256+/-0.009 χ^2/NDF:64.0/17

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.259+/-0.009 χ^2/NDF:79.3/15

Left: 0.257+/-0.006 χ^2/NDF: 143.3/33

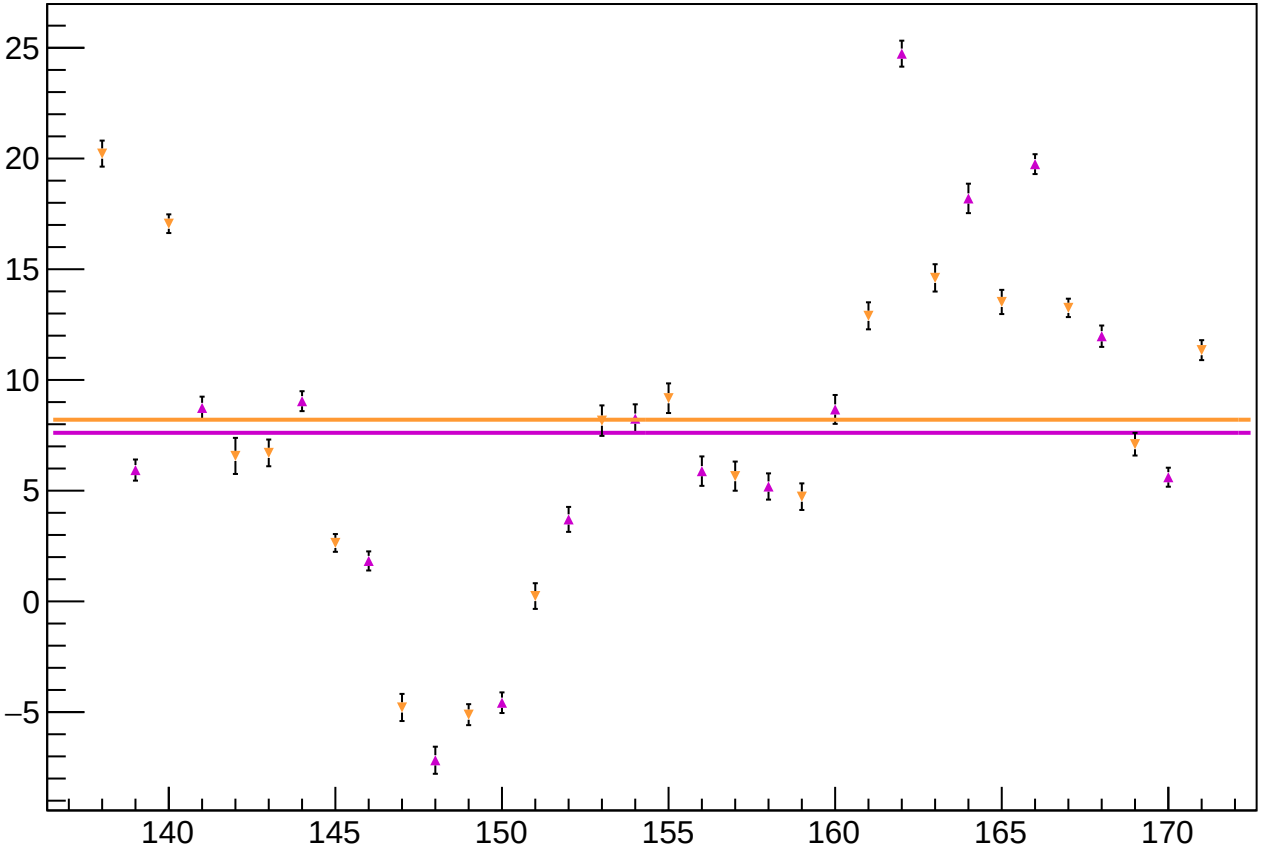
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.200+/-0.009 χ^2/NDF:831.5/32

Out: 0.189+/-0.009 χ^2/NDF:1296.4/36

All: 0.194+/-0.006 χ^2/NDF: 2128.6/69

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: 8.205+/-0.127 χ^2/NDF:3002.7/17

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

Left In: 7.613+/-0.130 χ^2/NDF:3490.7/15

Left: 7.916+/-0.091 χ^2/NDF: 6504.0/33

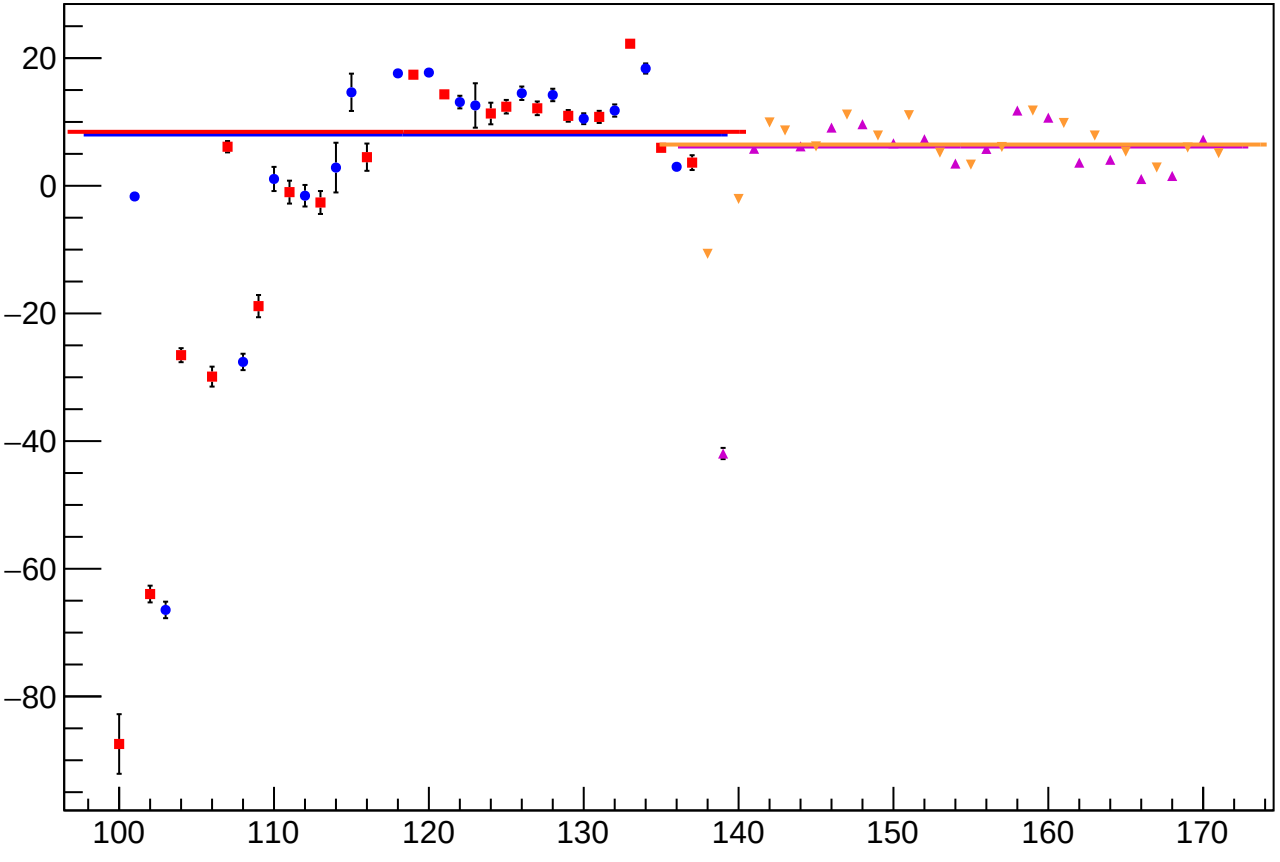
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.613+/-0.130 χ^2/NDF:3490.7/15

Out: 8.205+/-0.127 χ^2/NDF:3002.7/17

All: 7.916+/-0.091 χ^2/NDF: 6504.0/33

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: 6.461+/-0.092 χ^2/NDF:2361.1/17

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 6.151+/-0.096 χ^2/NDF:3926.0/15

Left: 6.313+/-0.066 χ^2/NDF: 6292.6/33

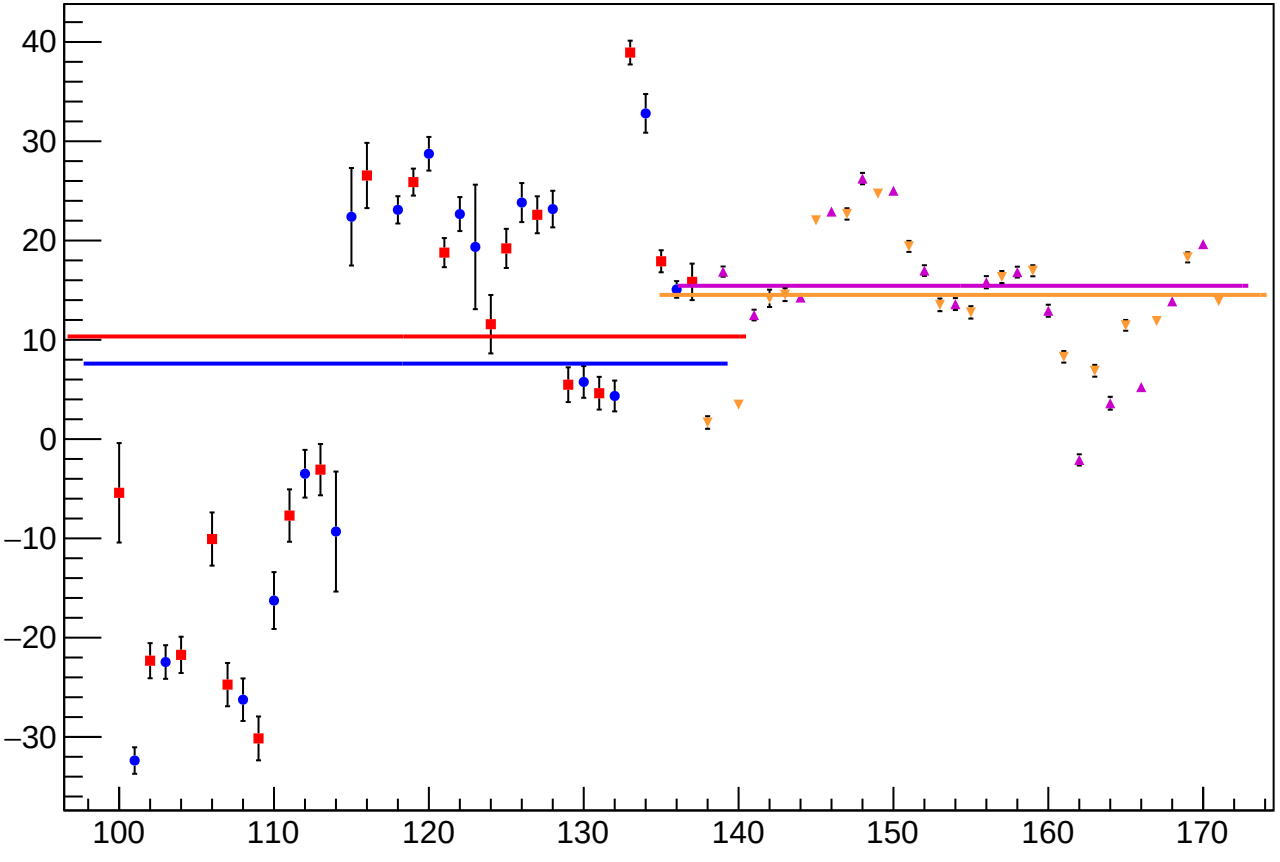
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 6.463+/-0.088 χ^2/NDF:9359.4/32

Out: 6.774+/-0.084 χ^2/NDF:9139.1/36

All: 6.624+/-0.061 χ^2/NDF: 18505.1/69

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: 14.525+/-0.127 χ^2/NDF:2580.1/17

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 15.444+/-0.129 χ^2/NDF:3149.0/15

Left: 14.977+/-0.090 χ^2/NDF: 5755.1/33

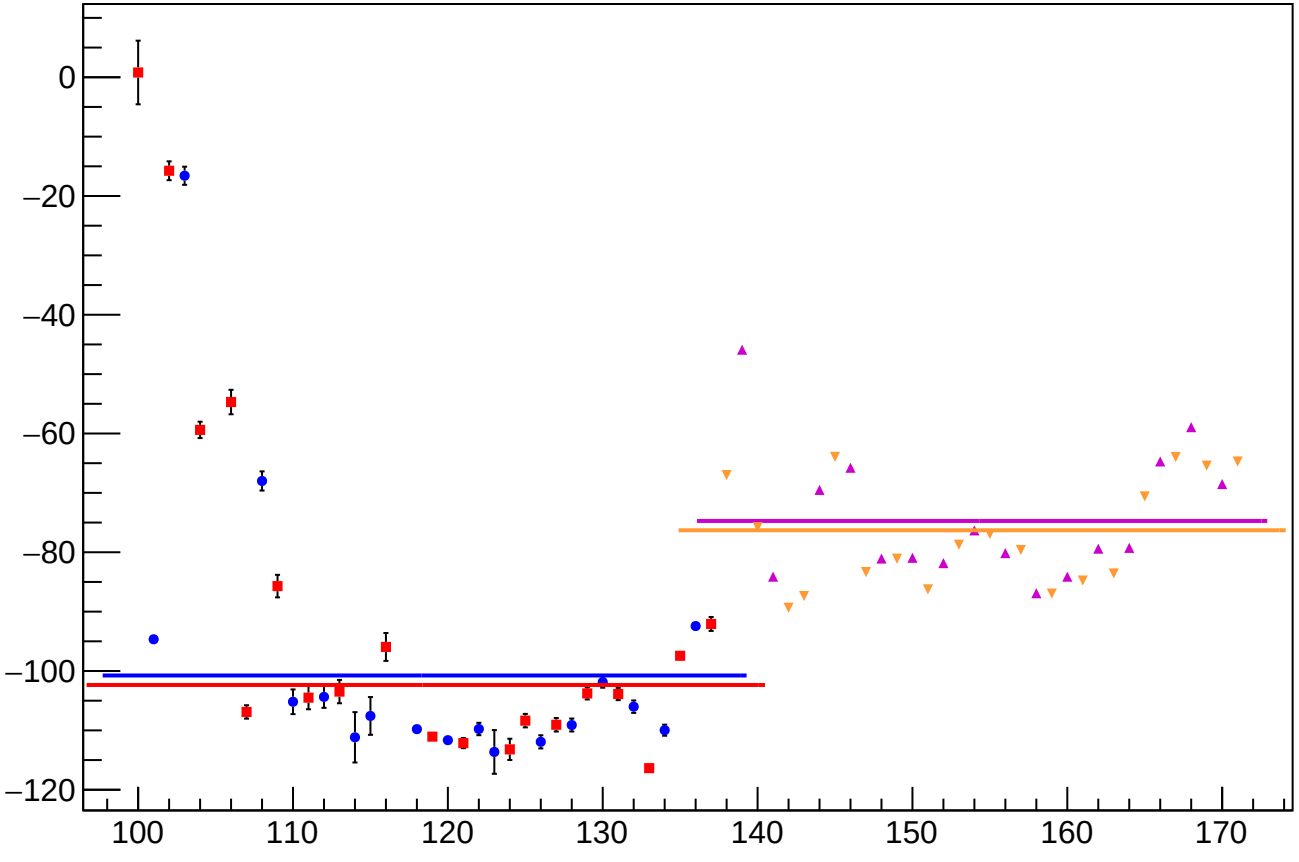
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 14.759+/-0.123 χ^2/NDF:5798.5/32

Out: 14.171+/-0.121 χ^2/NDF:4954.5/36

All: 14.461+/-0.086 χ^2/NDF: 10764.6/69

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: -76.301+/-0.107 χ^2/NDF:7153.8/17

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -74.728+/-0.111 χ^2/NDF:6637.7/15

Left: -75.544+/-0.077 χ^2/NDF: 13896.4/33

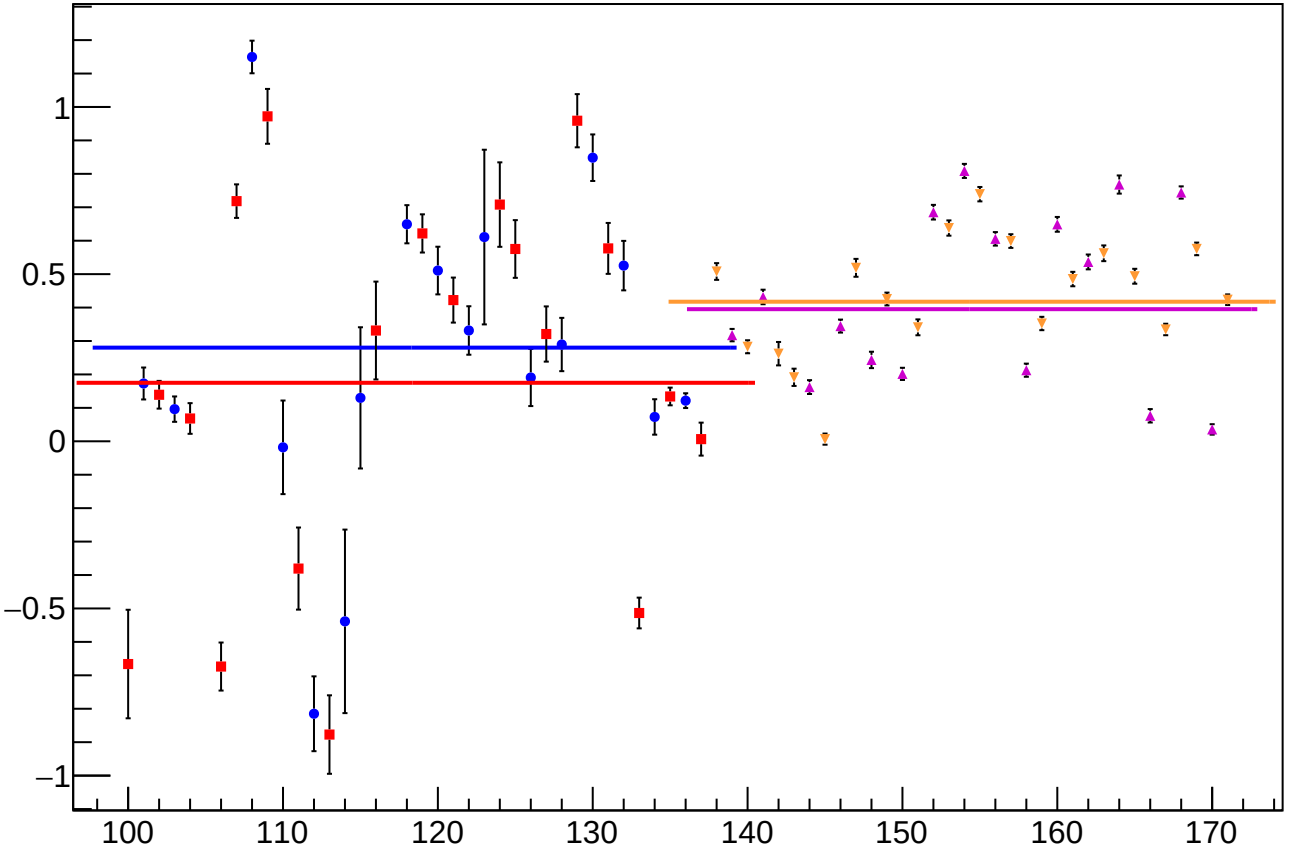
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -79.045+/-0.101 χ^2/NDF:20345.1/32

Out: -80.409+/-0.098 χ^2/NDF:22663.2/36

All: -79.749+/-0.070 χ^2/NDF: 43102.4/69

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: 0.418+/-0.005 χ^2/NDF:1348.7/17

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.395+/-0.005 χ^2/NDF:2561.1/15

Left: 0.407+/-0.004 χ^2/NDF: 3919.8/33

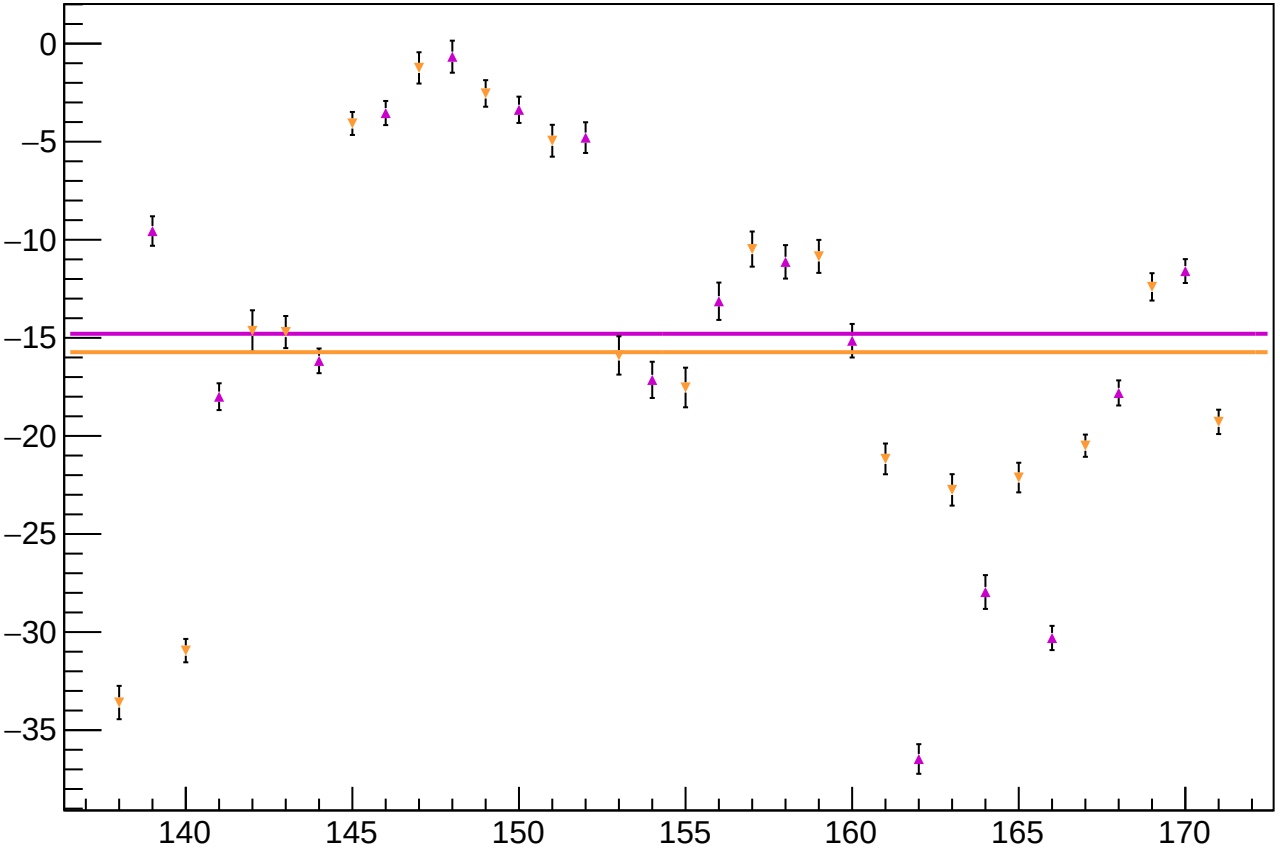
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.381+/-0.005 χ^2/NDF:3281.0/32

Out: 0.389+/-0.005 χ^2/NDF:2602.3/36

All: 0.385+/-0.003 χ^2/NDF: 5884.7/69

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: -15.731+/-0.176 χ^2/NDF:2771.8/17

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

Left In: -14.792+/-0.182 χ^2/NDF:2928.8/15

Left: -15.275+/-0.127 χ^2/NDF: 5714.4/33

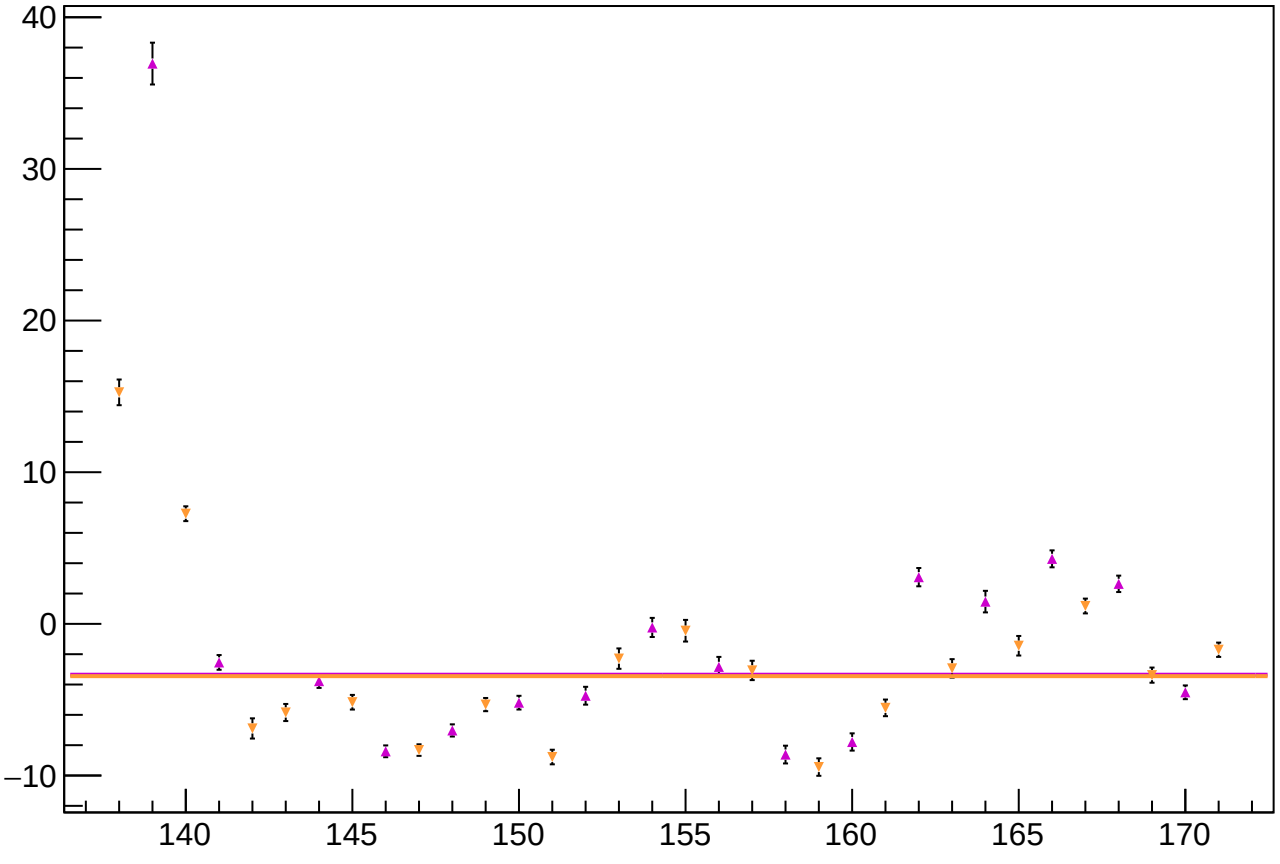
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.792+/-0.182 χ^2/NDF:2928.8/15

Out: -15.731+/-0.176 χ^2/NDF:2771.8/17

All: -15.275+/-0.127 χ^2/NDF: 5714.4/33

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -3.448+/-0.127 χ^2/NDF:1587.9/17

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

Left In: -3.354+/-0.132 χ^2/NDF:1773.8/15

Left: -3.403+/-0.091 χ^2/NDF: 3362.0/33

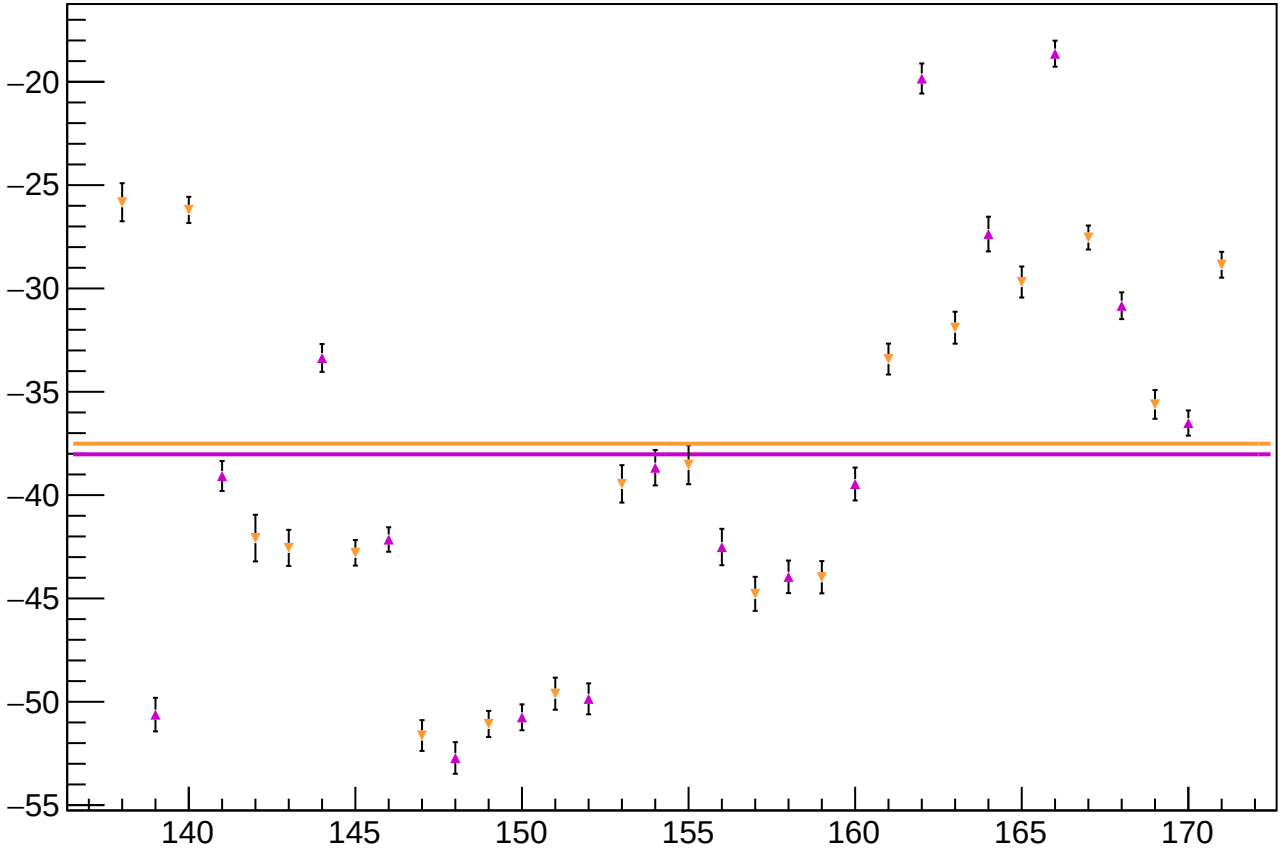
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.354+/-0.132 χ^2/NDF:1773.8/15

Out: -3.448+/-0.127 χ^2/NDF:1587.9/17

All: -3.403+/-0.091 χ^2/NDF: 3362.0/33

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: -37.511+/-0.175 χ^2/NDF:2501.1/17

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

Left In: -38.025+/-0.179 χ^2/NDF:3320.7/15

Left: -37.763+/-0.125 χ^2/NDF: 5826.1/33

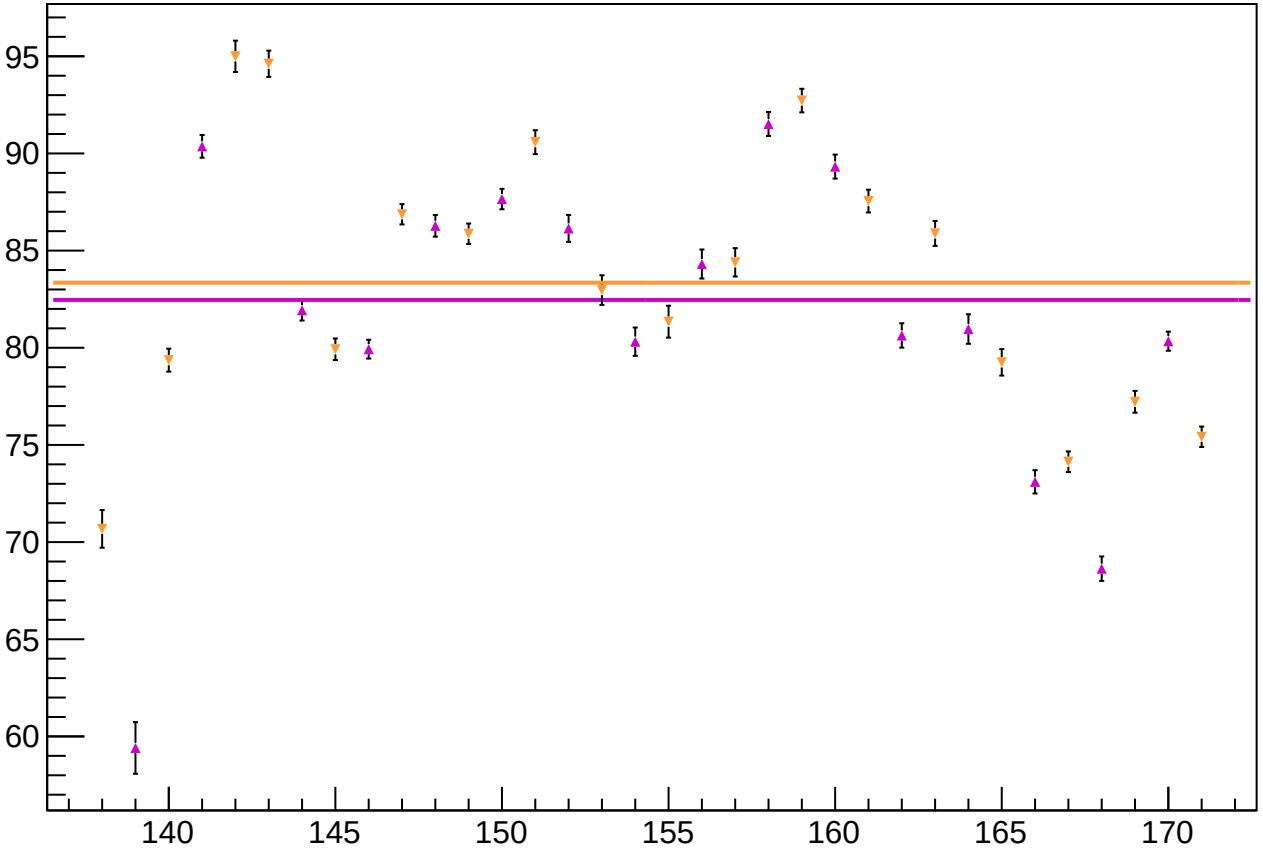
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.025+/-0.179 χ^2/NDF:3320.7/15

Out: -37.511+/-0.175 χ^2/NDF:2501.1/17

All: -37.763+/-0.125 χ^2/NDF: 5826.1/33

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: 83.350+/-0.147 χ^2/NDF:1942.9/17

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

Left In: 82.463+/-0.153 χ^2/NDF:1795.4/15

Left: 82.924+/-0.106 χ^2/NDF: 3755.9/33

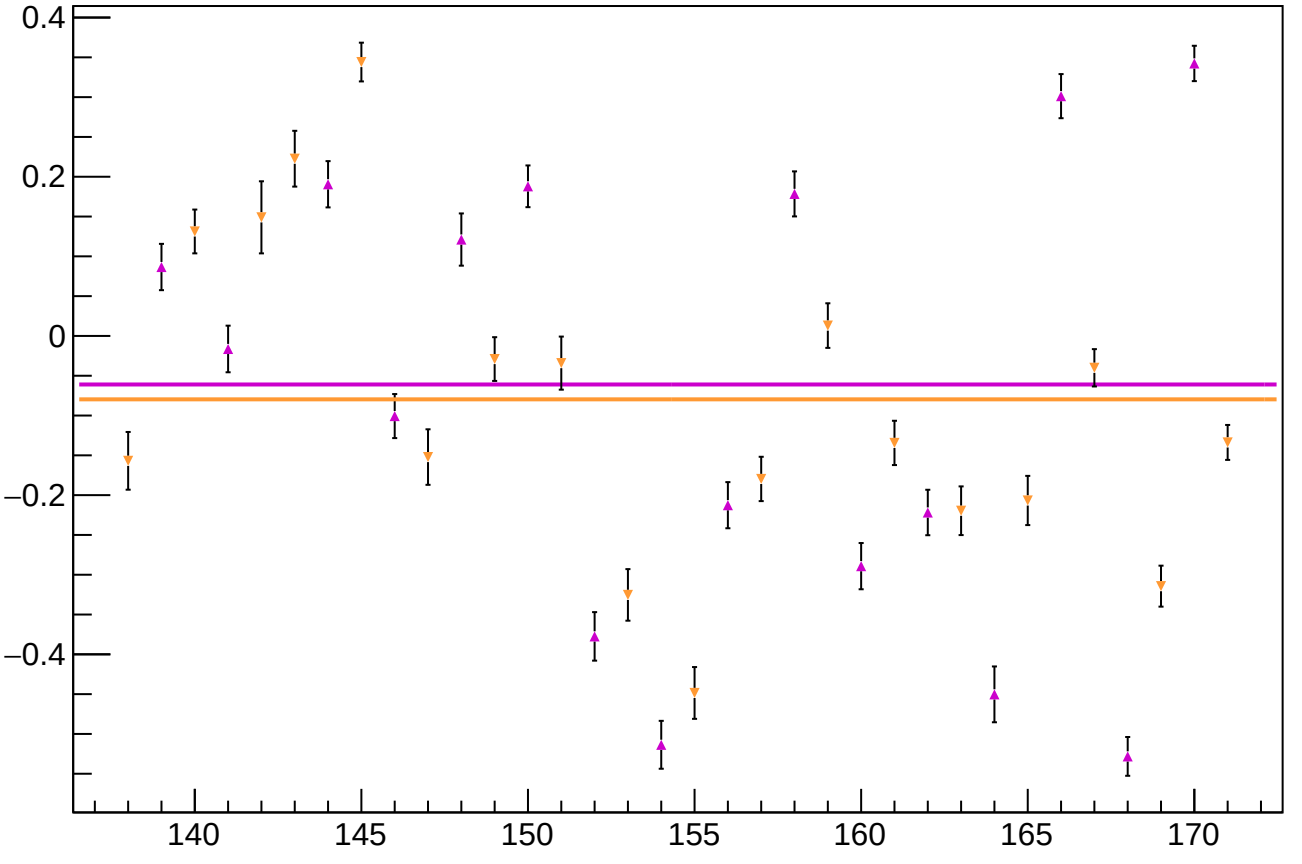
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.463+/-0.153 χ^2/NDF:1795.4/15

Out: 83.350+/-0.147 χ^2/NDF:1942.9/17

All: 82.924+/-0.106 χ^2/NDF: 3755.9/33

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: -0.080+/-0.007 χ^2/NDF:819.4/17

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

Left In: -0.061+/-0.007 χ^2/NDF:1744.0/15

Left: -0.071+/-0.005 χ^2/NDF: 2567.0/33

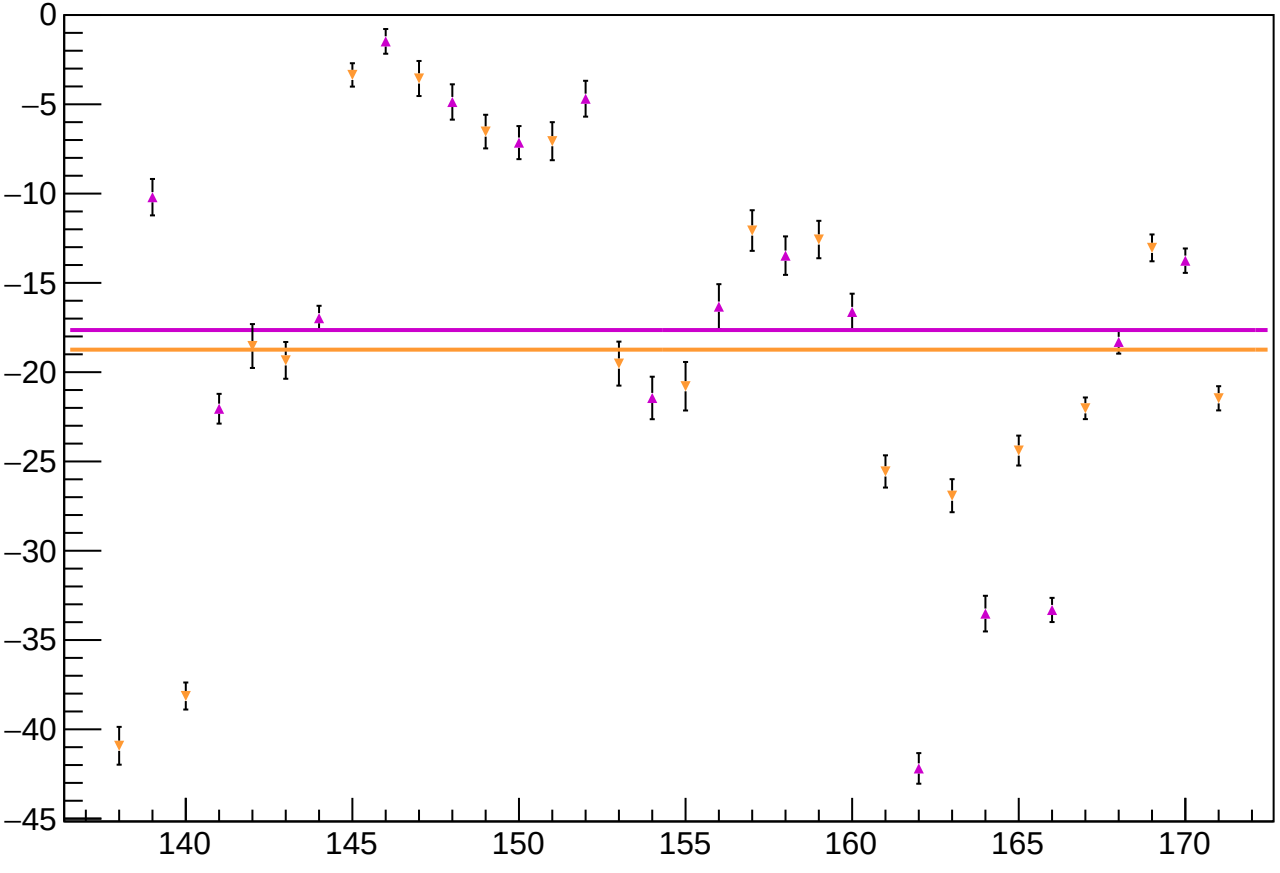
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.061+/-0.007 χ^2/NDF:1744.0/15

Out: -0.080+/-0.007 χ^2/NDF:819.4/17

All: -0.071+/-0.005 χ^2/NDF: 2567.0/33

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: -18.739+/-0.209 χ^2/NDF:2531.2/17

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

Left In: -17.641+/-0.214 χ^2/NDF:2758.7/15

Left: -18.203+/-0.149 χ^2/NDF: 5303.5/33

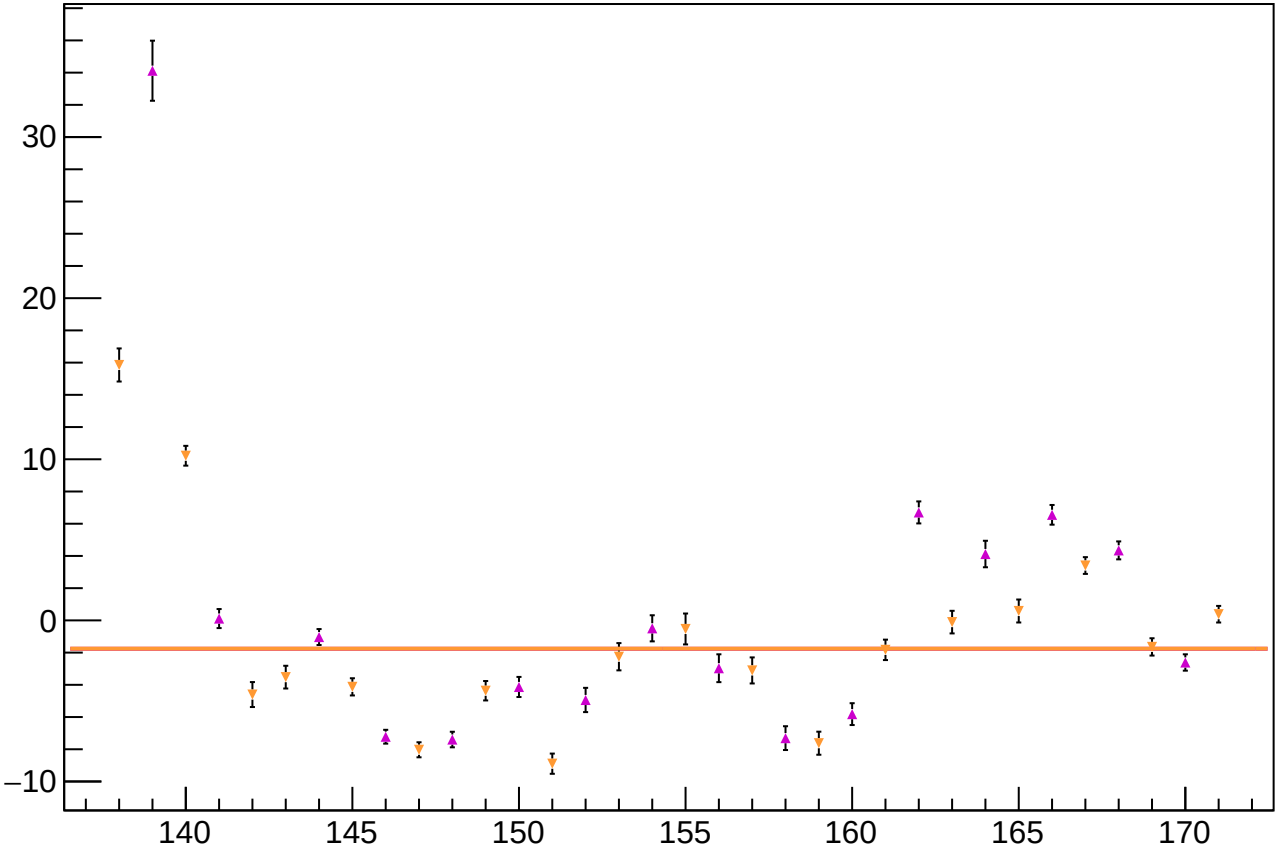
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.641+/-0.214 χ^2/NDF:2758.7/15

Out: -18.739+/-0.209 χ^2/NDF:2531.2/17

All: -18.203+/-0.149 χ^2/NDF: 5303.5/33

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: -1.755+/-0.151 χ^2/NDF:1246.5/17

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

Left In: -1.765+/-0.155 χ^2/NDF:1321.8/15

Left: -1.760+/-0.108 χ^2/NDF: 2568.4/33

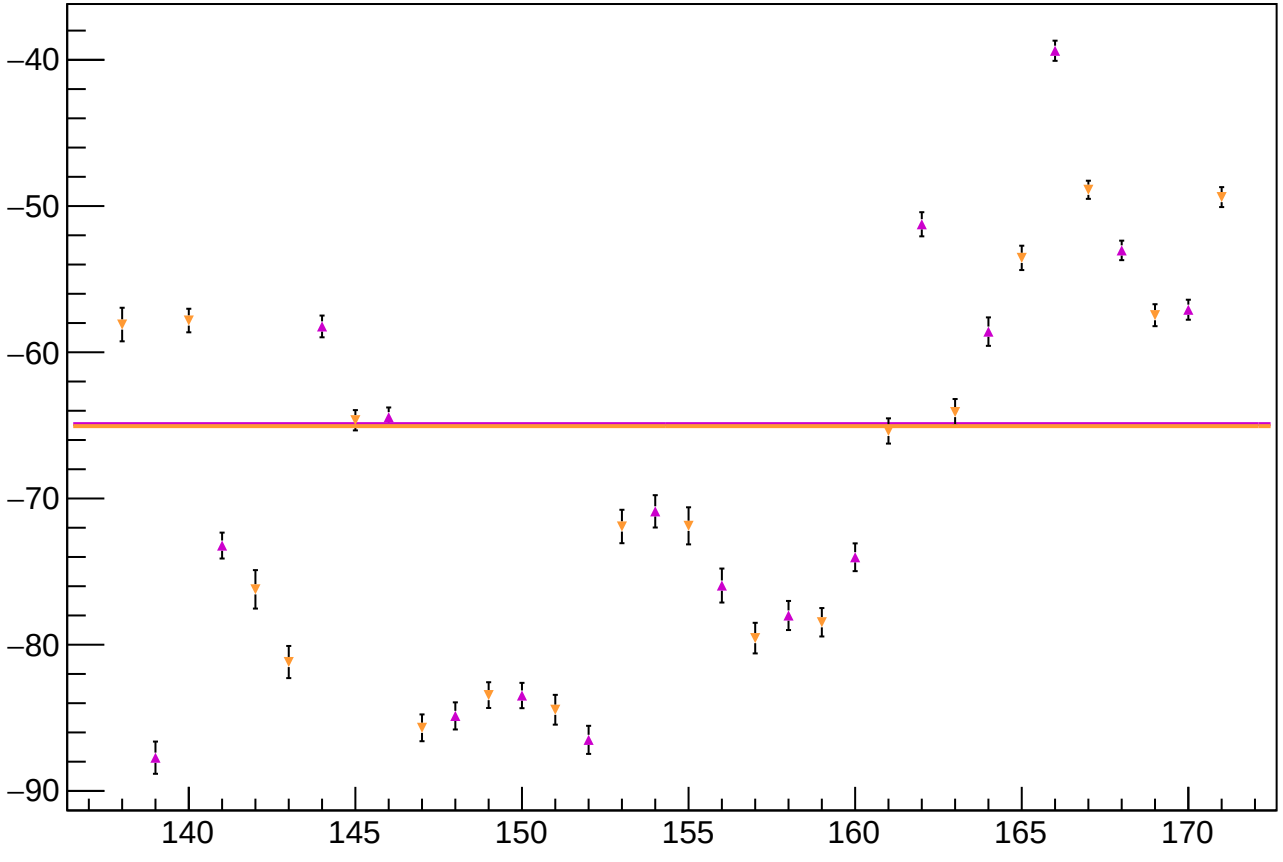
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.765+/-0.155 χ^2/NDF:1321.8/15

Out: -1.755+/-0.151 χ^2/NDF:1246.5/17

All: -1.760+/-0.108 χ^2/NDF: 2568.4/33

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: -65.052+/-0.208 χ^2/NDF:3658.1/17

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

Left In: -64.915+/-0.211 χ^2/NDF:4545.5/15

Left: -64.985+/-0.148 χ^2/NDF: 8203.8/33

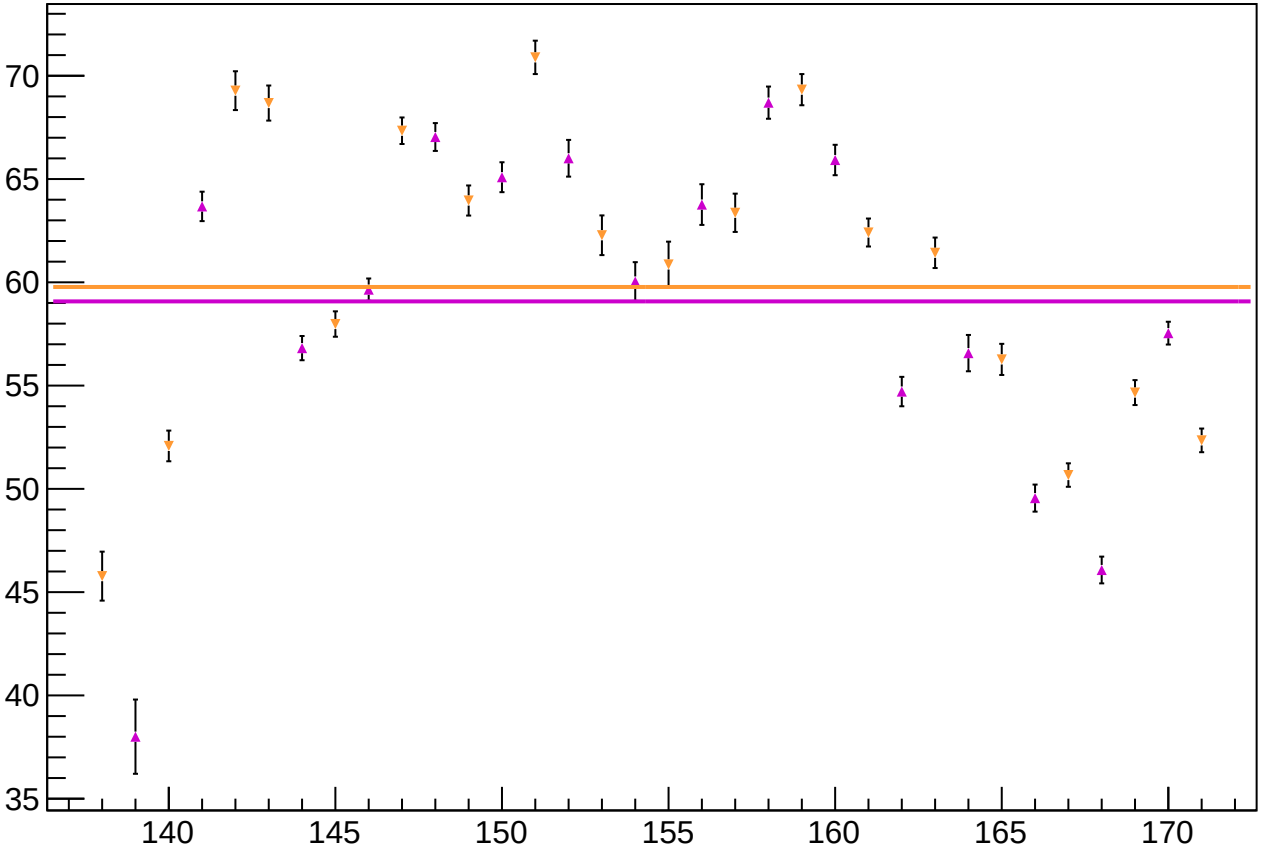
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -64.915+/-0.211 χ^2/NDF:4545.5/15

Out: -65.052+/-0.208 χ^2/NDF:3658.1/17

All: -64.985+/-0.148 χ^2/NDF: 8203.8/33

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: 59.774+/-0.174 χ^2/NDF:1549.7/17

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

Left In: 59.076+/-0.180 χ^2/NDF:1394.4/15

Left: 59.437+/-0.125 χ^2/NDF: 2951.9/33

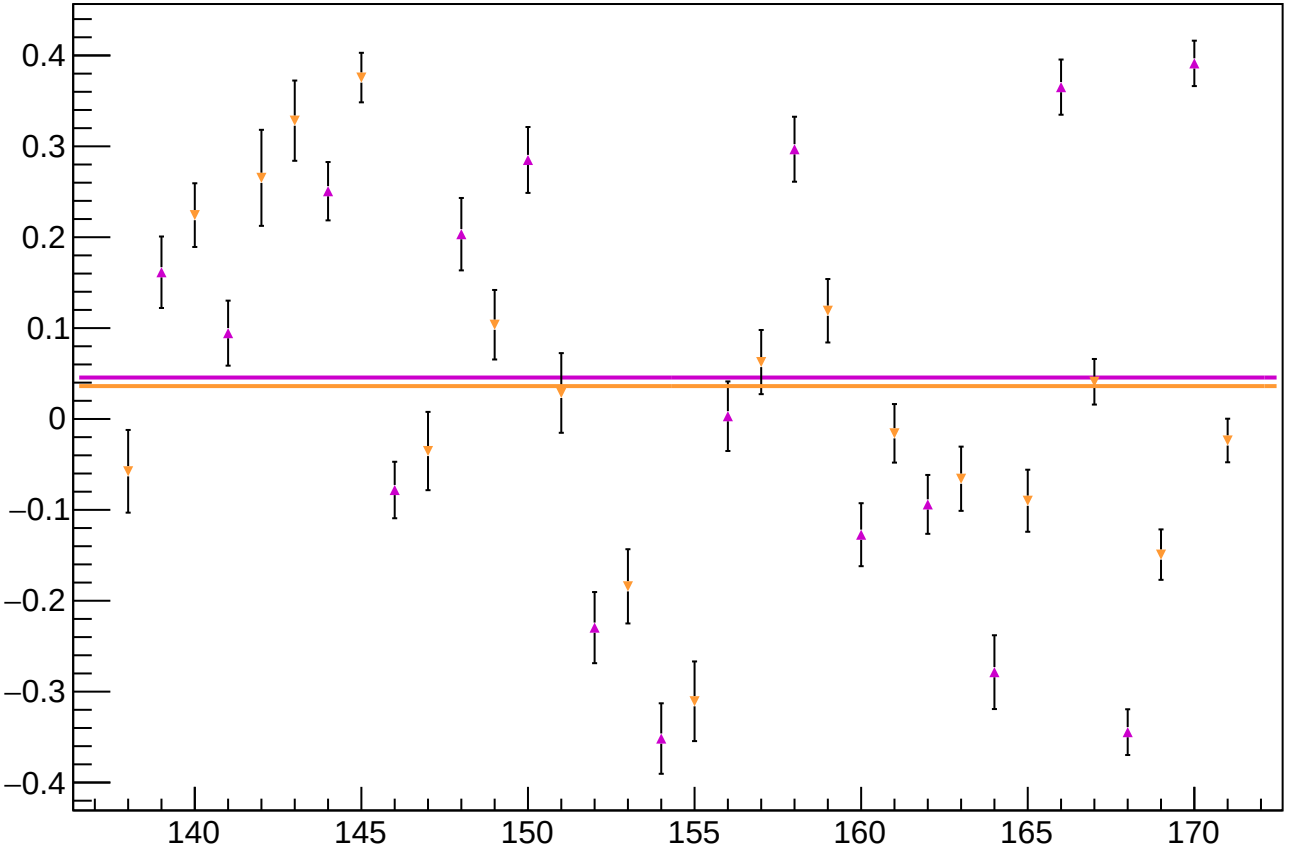
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.076+/-0.180 χ^2/NDF:1394.4/15

Out: 59.774+/-0.174 χ^2/NDF:1549.7/17

All: 59.437+/-0.125 χ^2/NDF: 2951.9/33

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: 0.036+/-0.008 χ^2/NDF:430.1/17

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

Left In: 0.046+/-0.008 χ^2/NDF:981.0/15

Left: 0.041+/-0.006 χ^2/NDF: 1411.7/33

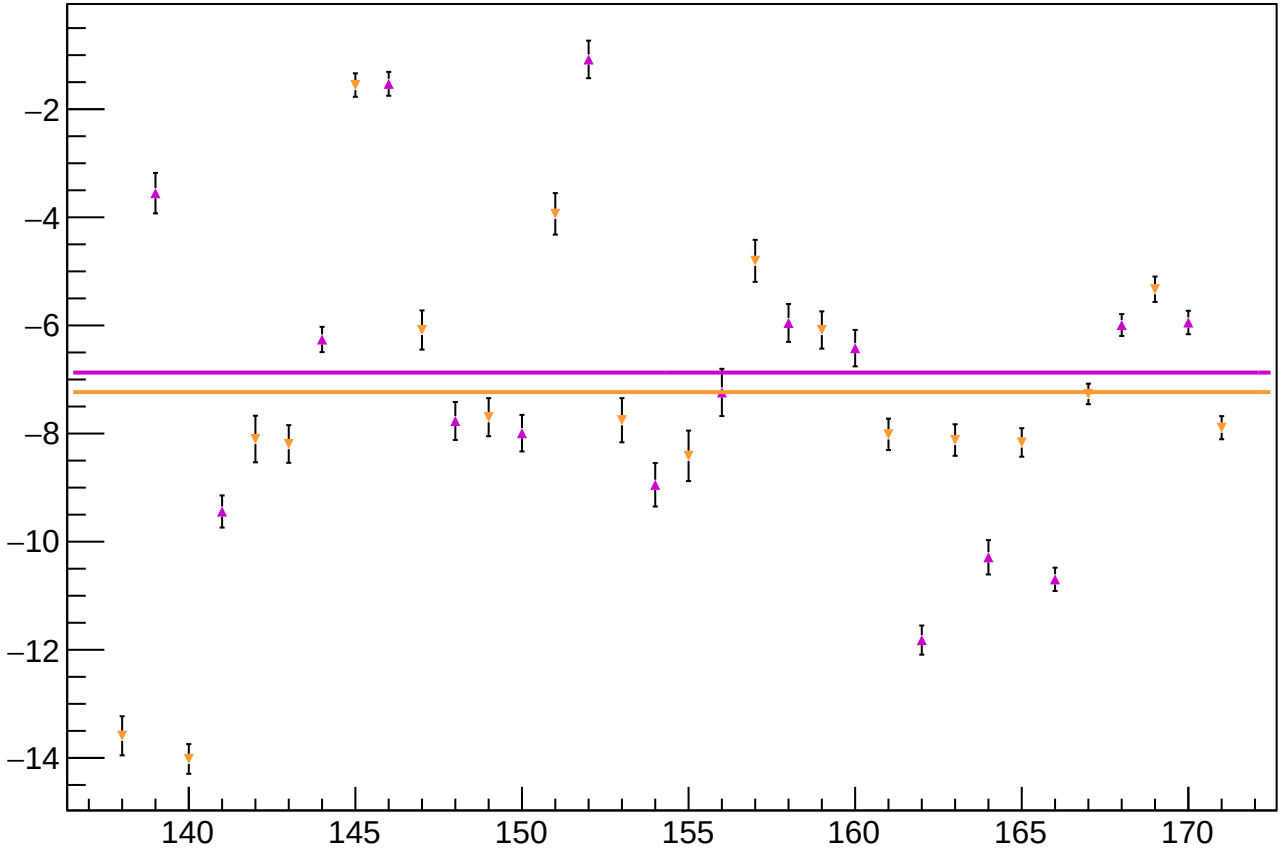
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.046+/-0.008 χ^2/NDF:981.0/15

Out: 0.036+/-0.008 χ^2/NDF:430.1/17

All: 0.041+/-0.006 χ^2/NDF: 1411.7/33

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: -7.234+/-0.069 χ^2/NDF:1864.2/17

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

Left In: -6.872+/-0.070 χ^2/NDF:1881.2/15

Left: -7.056+/-0.049 χ^2/NDF: 3758.8/33

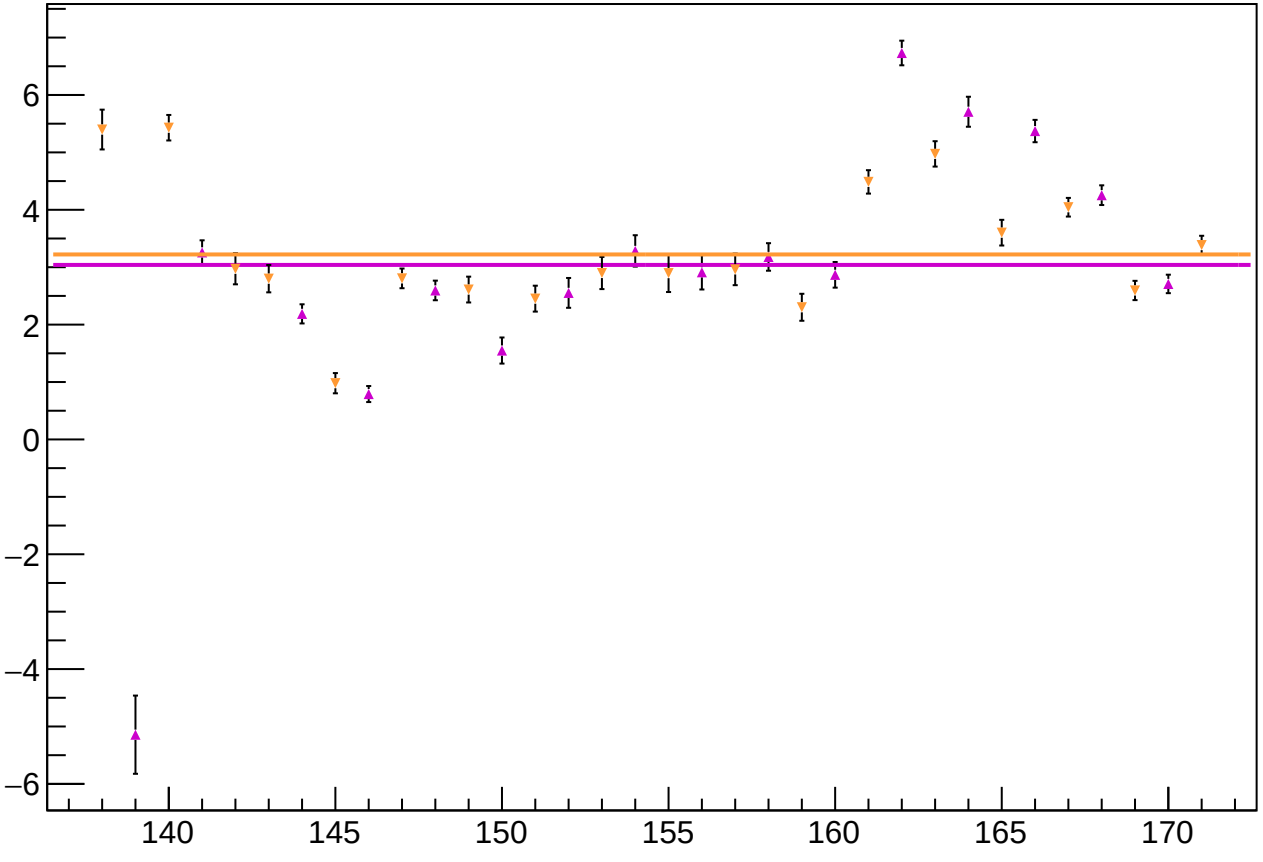
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.872+/-0.070 χ^2/NDF:1881.2/15

Out: -7.234+/-0.069 χ^2/NDF:1864.2/17

All: -7.056+/-0.049 χ^2/NDF: 3758.8/33

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: 3.222+/-0.050 χ^2/NDF:491.9/17

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

Left In: 3.040+/-0.051 χ^2/NDF:1084.6/15

Left: 3.133+/-0.036 χ^2/NDF: 1582.9/33

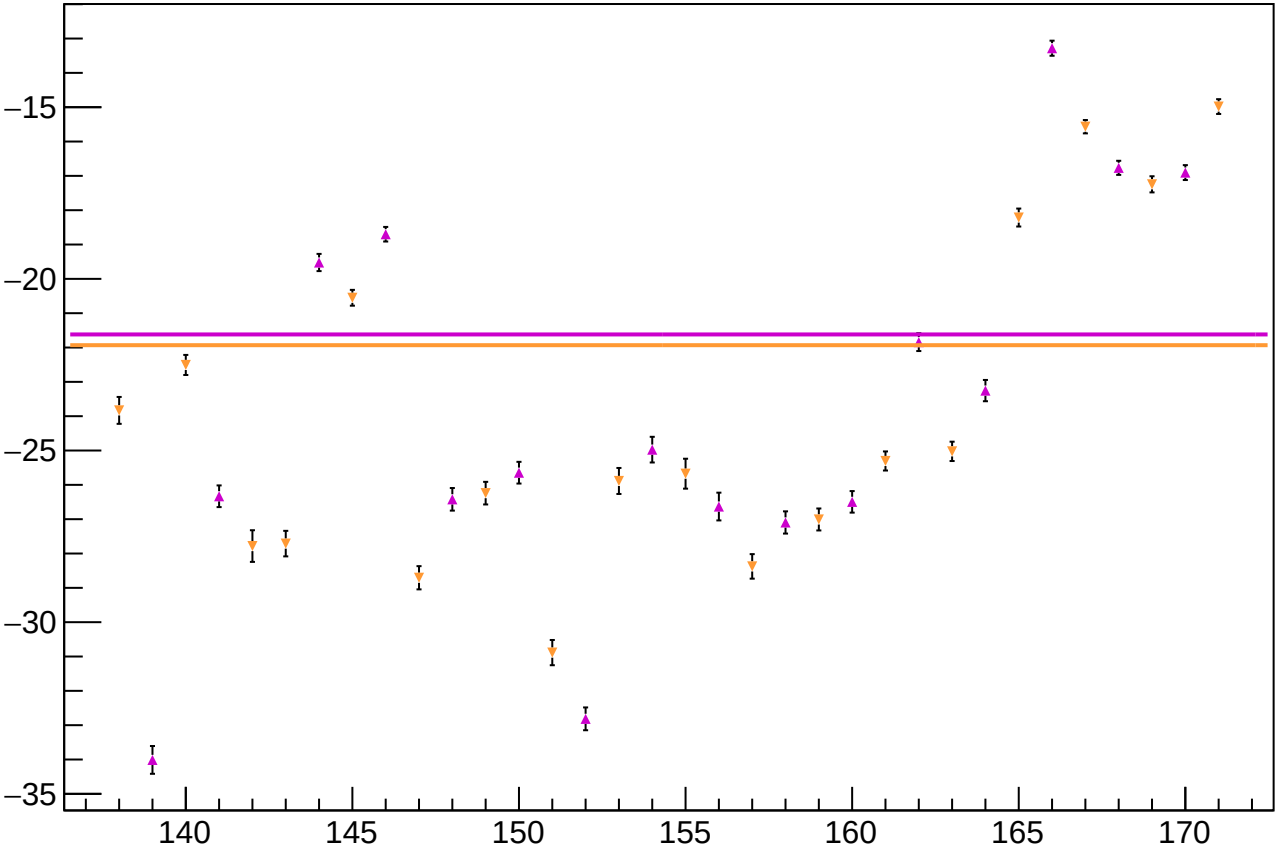
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.040+/-0.051 χ^2/NDF:1084.6/15

Out: 3.222+/-0.050 χ^2/NDF:491.9/17

All: 3.133+/-0.036 χ^2/NDF: 1582.9/33

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: -21.932+/-0.069 χ^2/NDF:5373.2/17

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

Left In: -21.619+/-0.070 χ^2/NDF:6193.0/15

Left: -21.777+/-0.049 χ^2/NDF: 11576.4/33

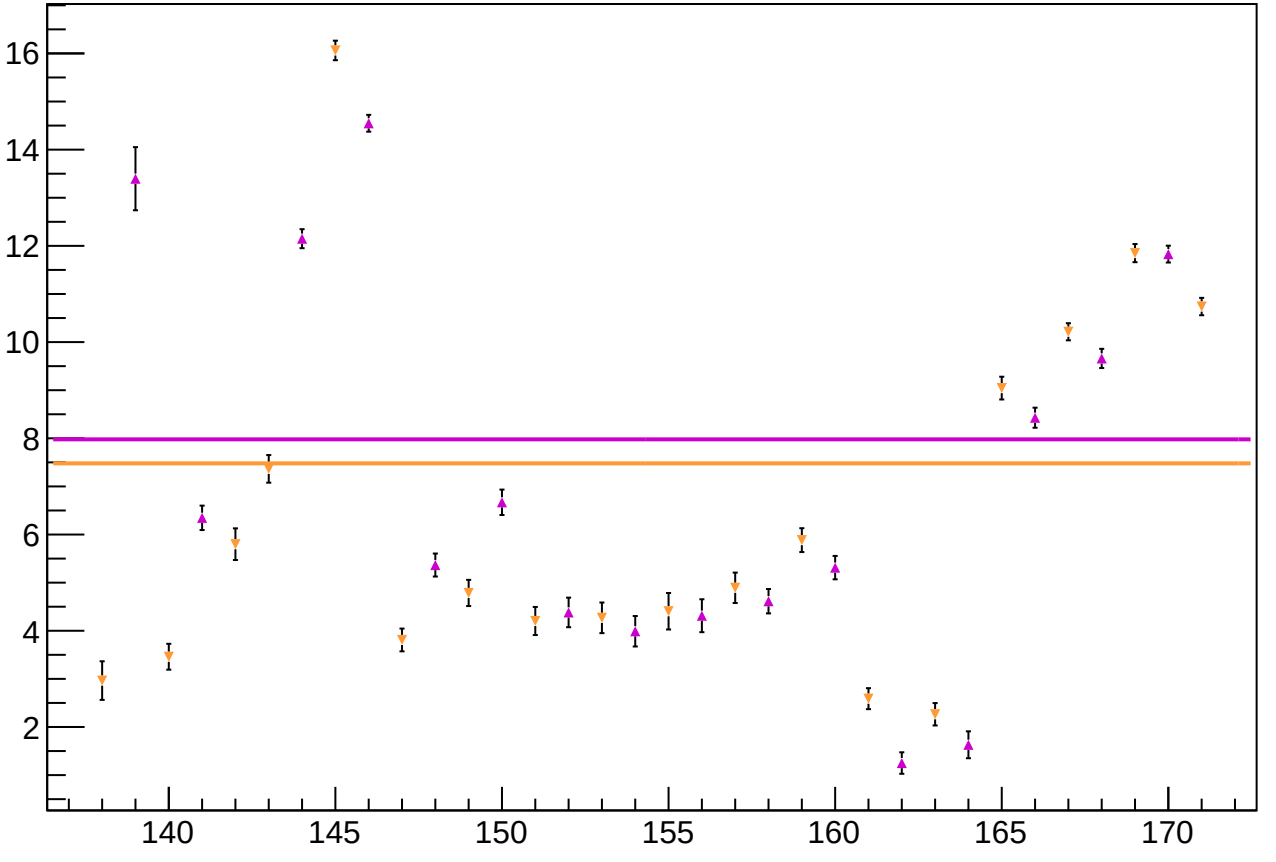
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.619+/-0.070 χ^2/NDF:6193.0/15

Out: -21.932+/-0.069 χ^2/NDF:5373.2/17

All: -21.777+/-0.049 χ^2/NDF: 11576.4/33

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 7.479+/-0.058 χ^2/NDF:5048.1/17

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

Left In: 7.978+/-0.059 χ^2/NDF:4798.4/15

Left: 7.722+/-0.041 χ^2/NDF: 9882.8/33

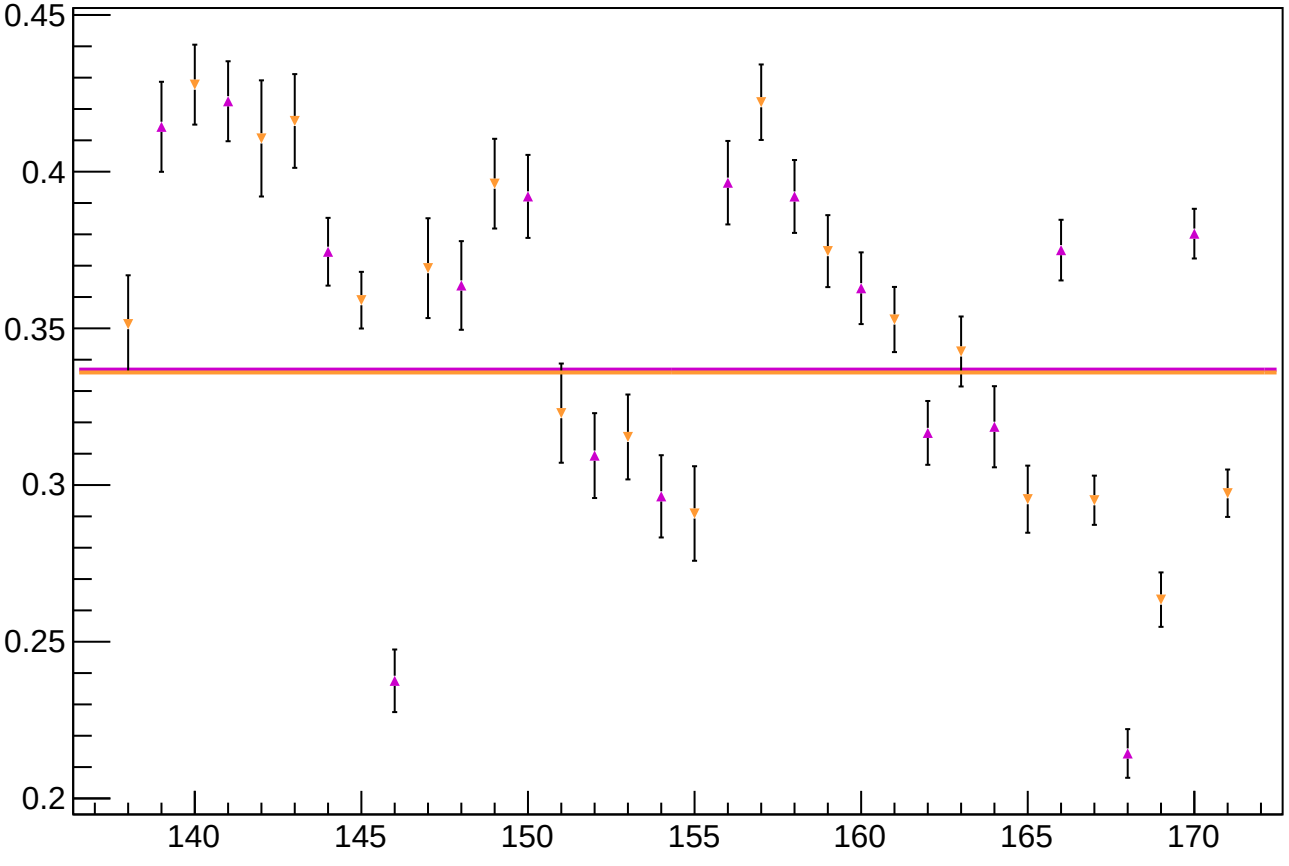
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.978+/-0.059 χ^2/NDF:4798.4/15

Out: 7.479+/-0.058 χ^2/NDF:5048.1/17

All: 7.722+/-0.041 χ^2/NDF: 9882.8/33

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: 0.336+/-0.003 χ^2/NDF:340.7/17

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

Left In: 0.337+/-0.003 χ^2/NDF:567.5/15

Left: 0.336+/-0.002 χ^2/NDF: 908.3/33

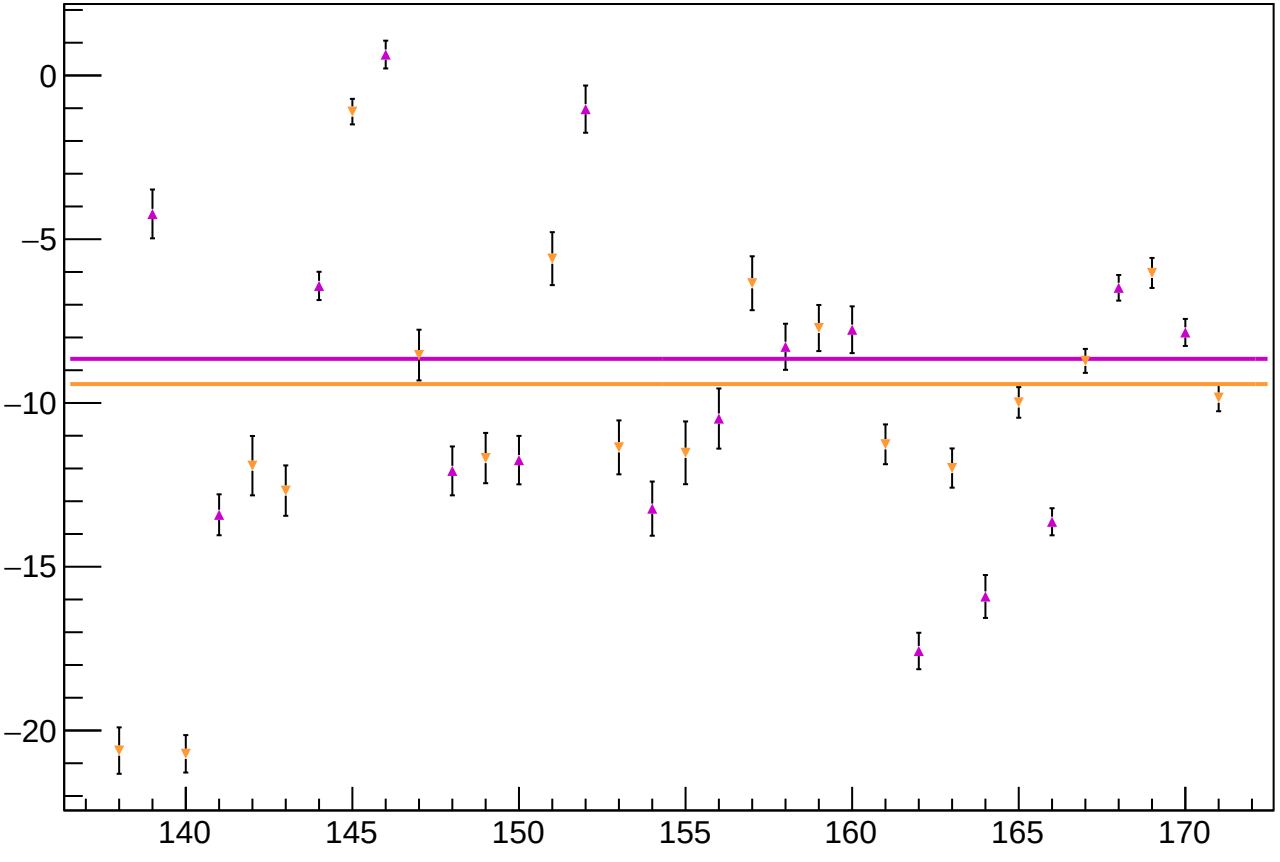
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.337+/-0.003 χ^2/NDF:567.5/15

Out: 0.336+/-0.003 χ^2/NDF:340.7/17

All: 0.336+/-0.002 χ^2/NDF: 908.3/33

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: -9.423+/-0.137 χ^2/NDF:1271.0/17

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

Left In: -8.653+/-0.140 χ^2/NDF:1344.9/15

Left: -9.046+/-0.098 χ^2/NDF: 2631.5/33

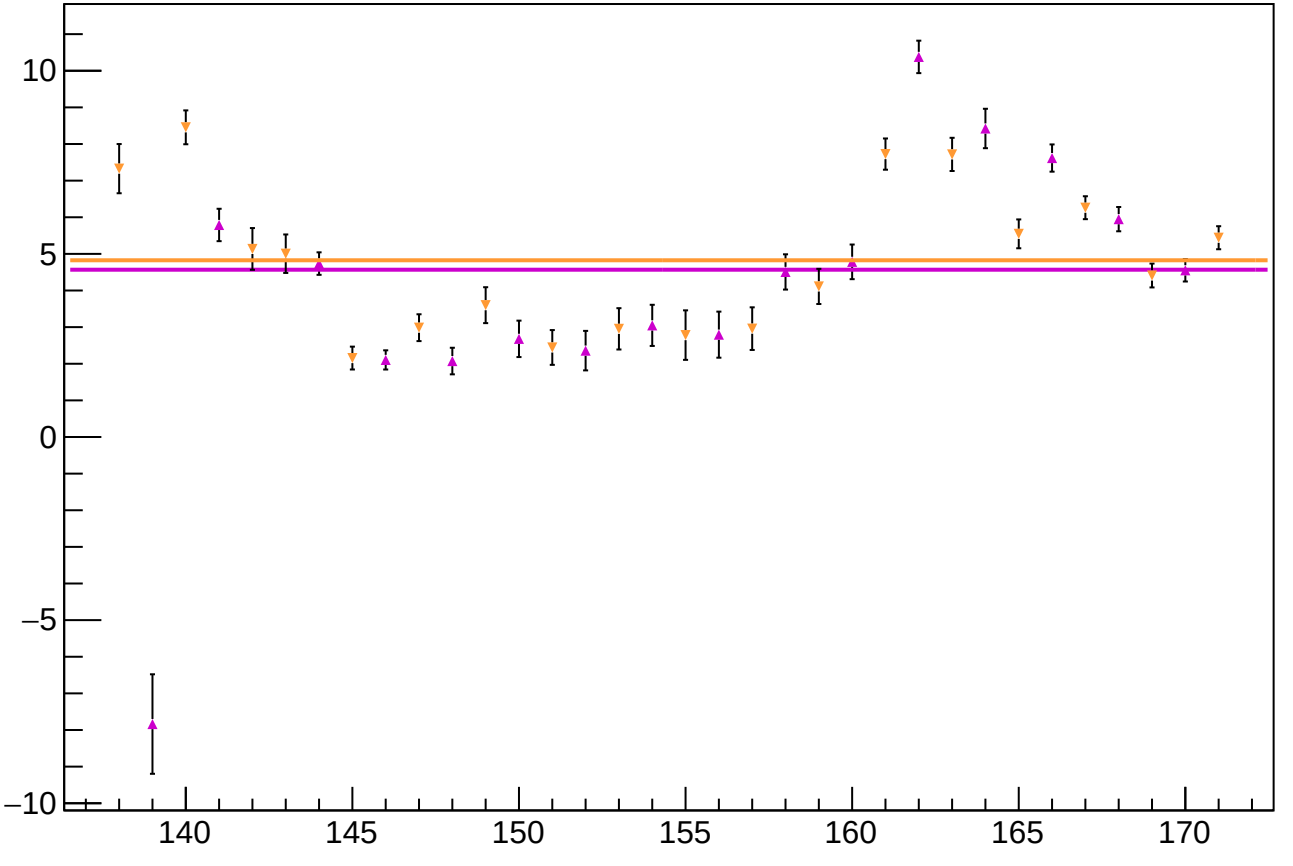
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.653+/-0.140 χ^2/NDF:1344.9/15

Out: -9.423+/-0.137 χ^2/NDF:1271.0/17

All: -9.046+/-0.098 χ^2/NDF: 2631.5/33

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: 4.825+/-0.100 χ^2/NDF:355.2/17

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

Left In: 4.568+/-0.102 χ^2/NDF:581.5/15

Left: 4.699+/-0.072 χ^2/NDF: 940.0/33

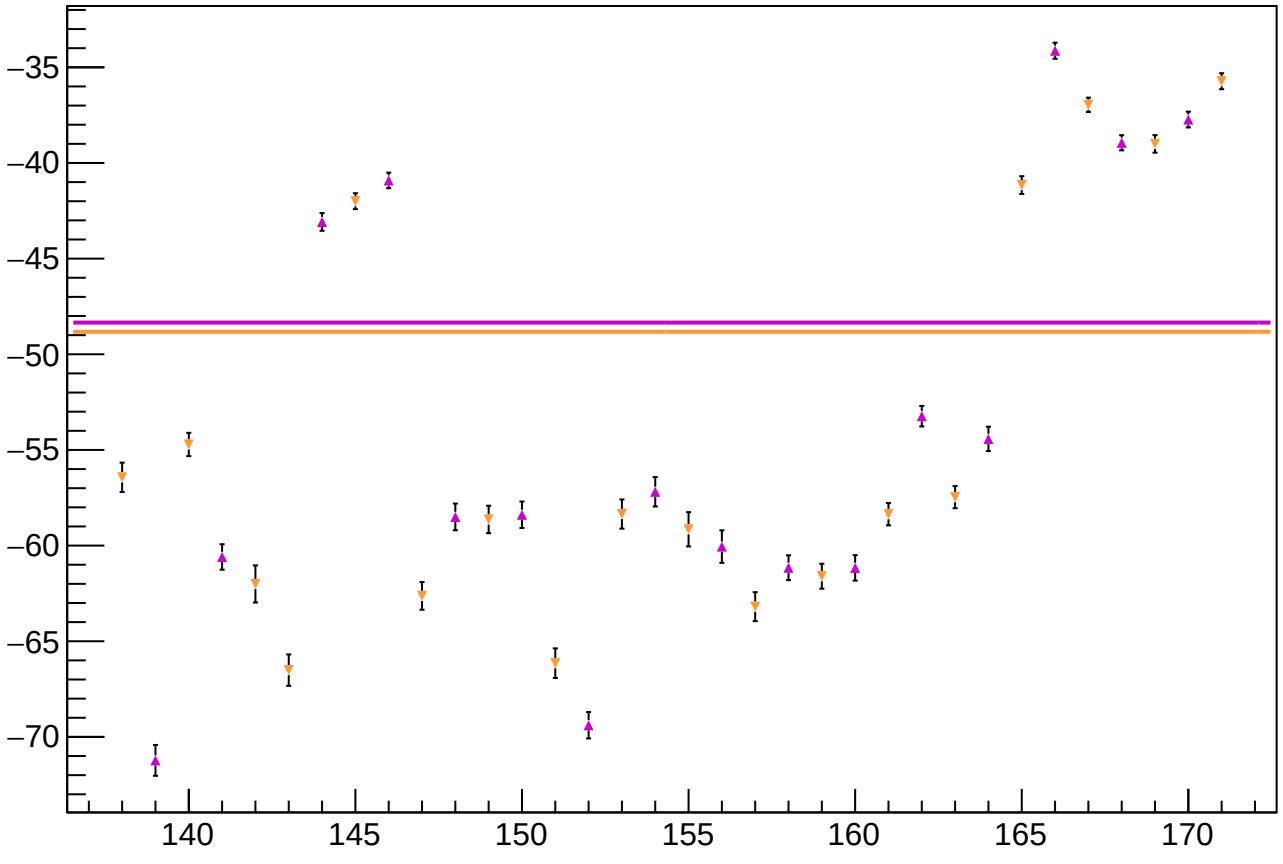
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.568+/-0.102 χ^2/NDF:581.5/15

Out: 4.825+/-0.100 χ^2/NDF:355.2/17

All: 4.699+/-0.072 χ^2/NDF: 940.0/33

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: -48.824+/-0.137 χ^2/NDF:6407.1/17

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

Left In: -48.342+/-0.138 χ^2/NDF:6581.3/15

Left: -48.586+/-0.097 χ^2/NDF: 12994.5/33

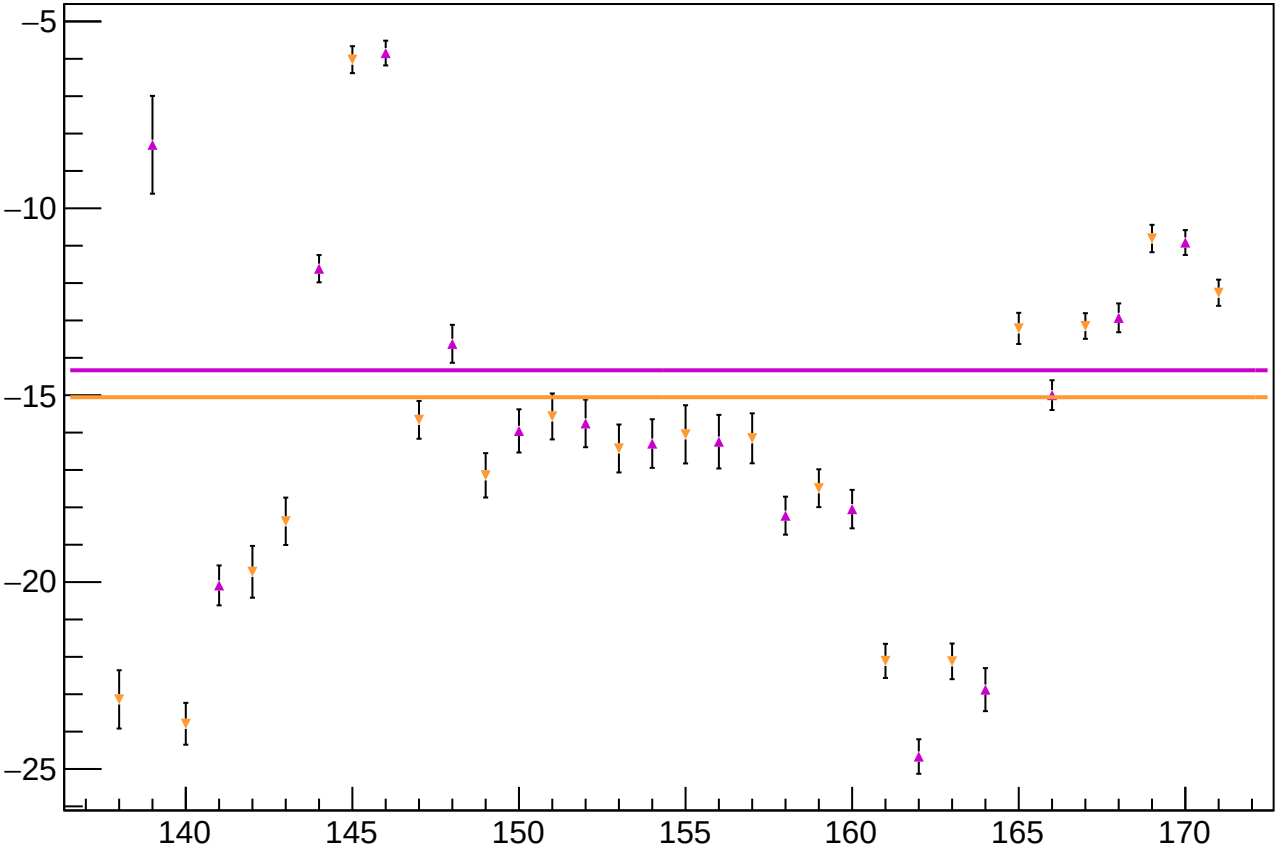
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -48.342+/-0.138 χ^2/NDF:6581.3/15

Out: -48.824+/-0.137 χ^2/NDF:6407.1/17

All: -48.586+/-0.097 χ^2/NDF: 12994.5/33

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -15.054+/-0.115 χ^2/NDF:1804.3/17

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

Left In: -14.333+/-0.118 χ^2/NDF:1833.9/15

Left: -14.704+/-0.082 χ^2/NDF: 3657.4/33

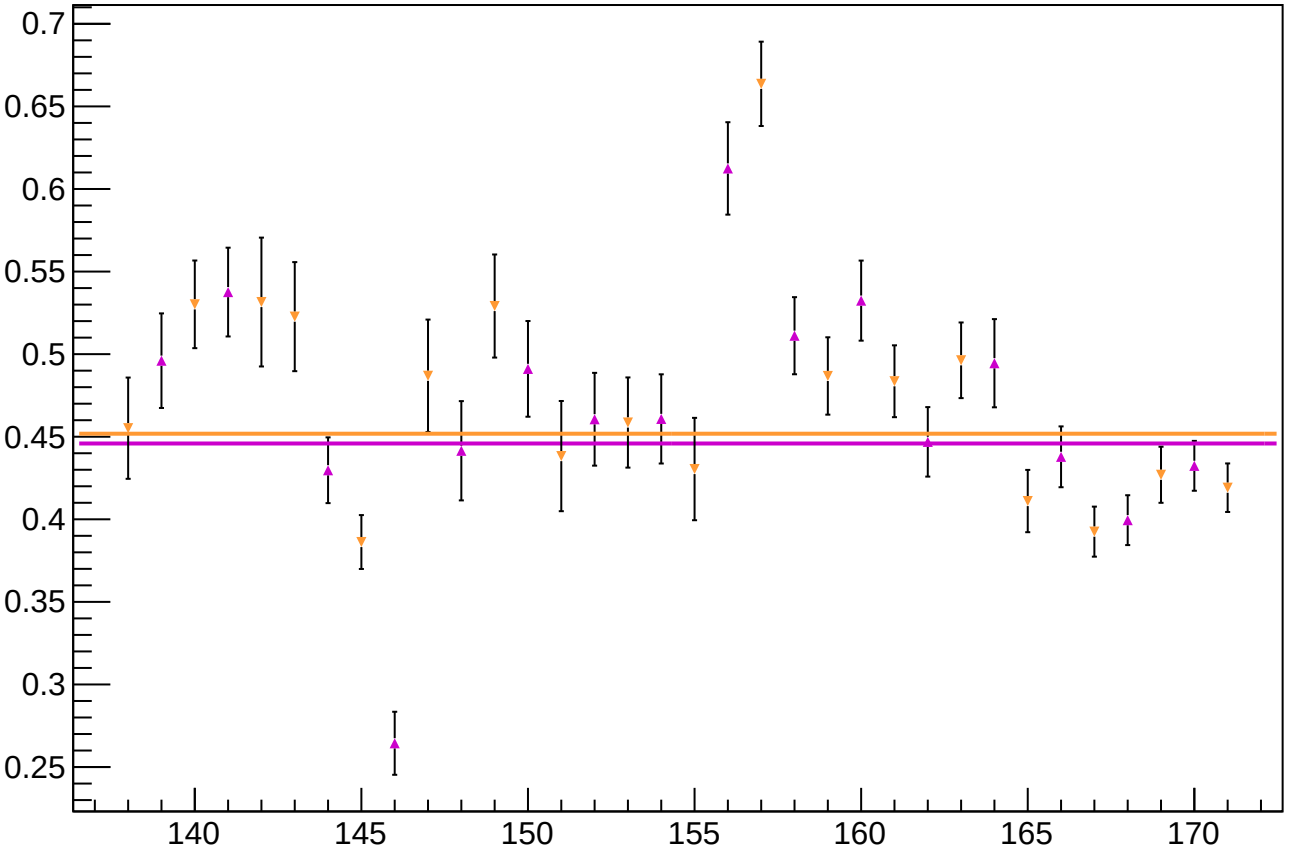
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.333+/-0.118 χ^2/NDF:1833.9/15

Out: -15.054+/-0.115 χ^2/NDF:1804.3/17

All: -14.704+/-0.082 χ^2/NDF: 3657.4/33

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: 0.452+/-0.005 χ^2/NDF:145.6/17

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

Left In: 0.446+/-0.006 χ^2/NDF:178.6/15

Left: 0.449+/-0.004 χ^2/NDF: 324.8/33

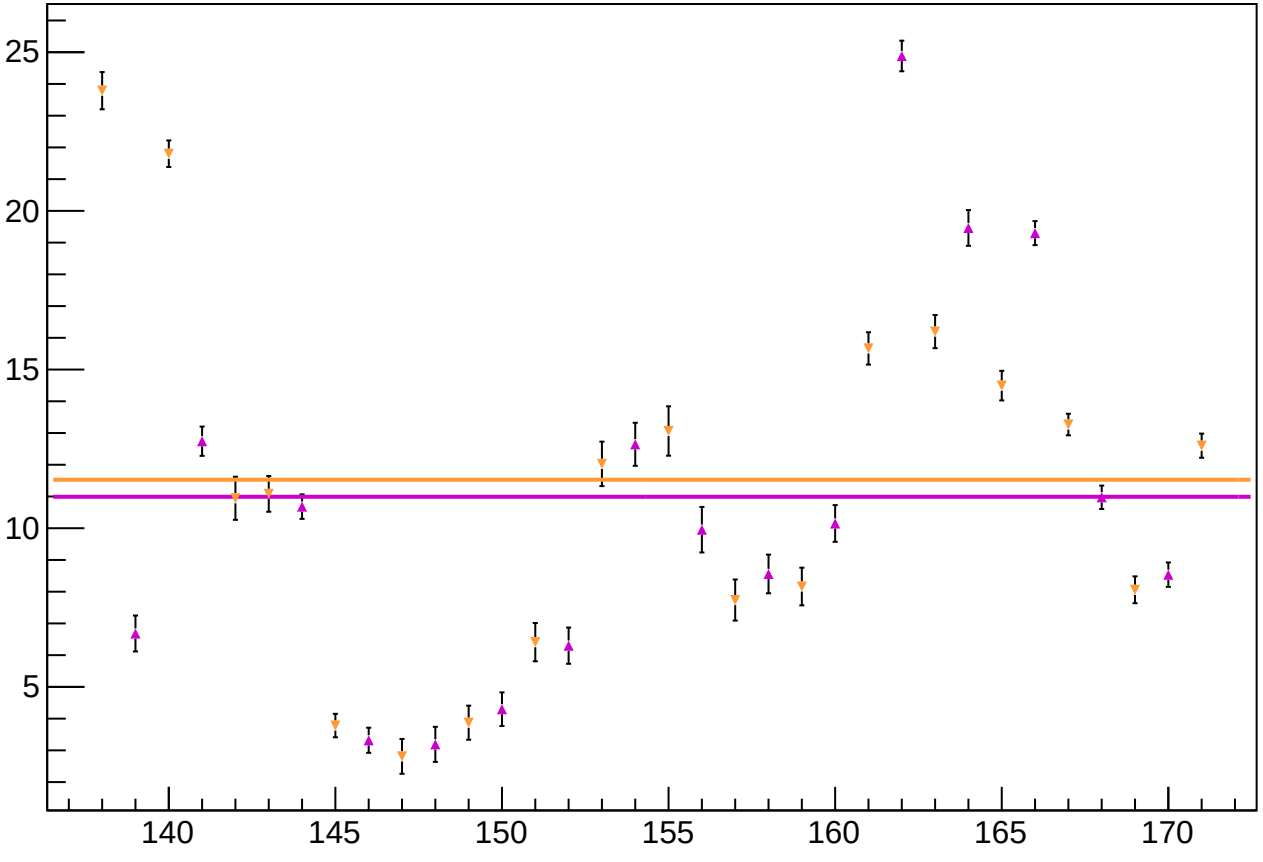
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.446+/-0.006 χ^2/NDF:178.6/15

Out: 0.452+/-0.005 χ^2/NDF:145.6/17

All: 0.449+/-0.004 χ^2/NDF: 324.8/33

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: 11.528+/-0.117 χ^2/NDF:2366.9/17

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

Left In: 10.991+/-0.120 χ^2/NDF:2479.3/15

Left: 11.267+/-0.084 χ^2/NDF: 4856.5/33

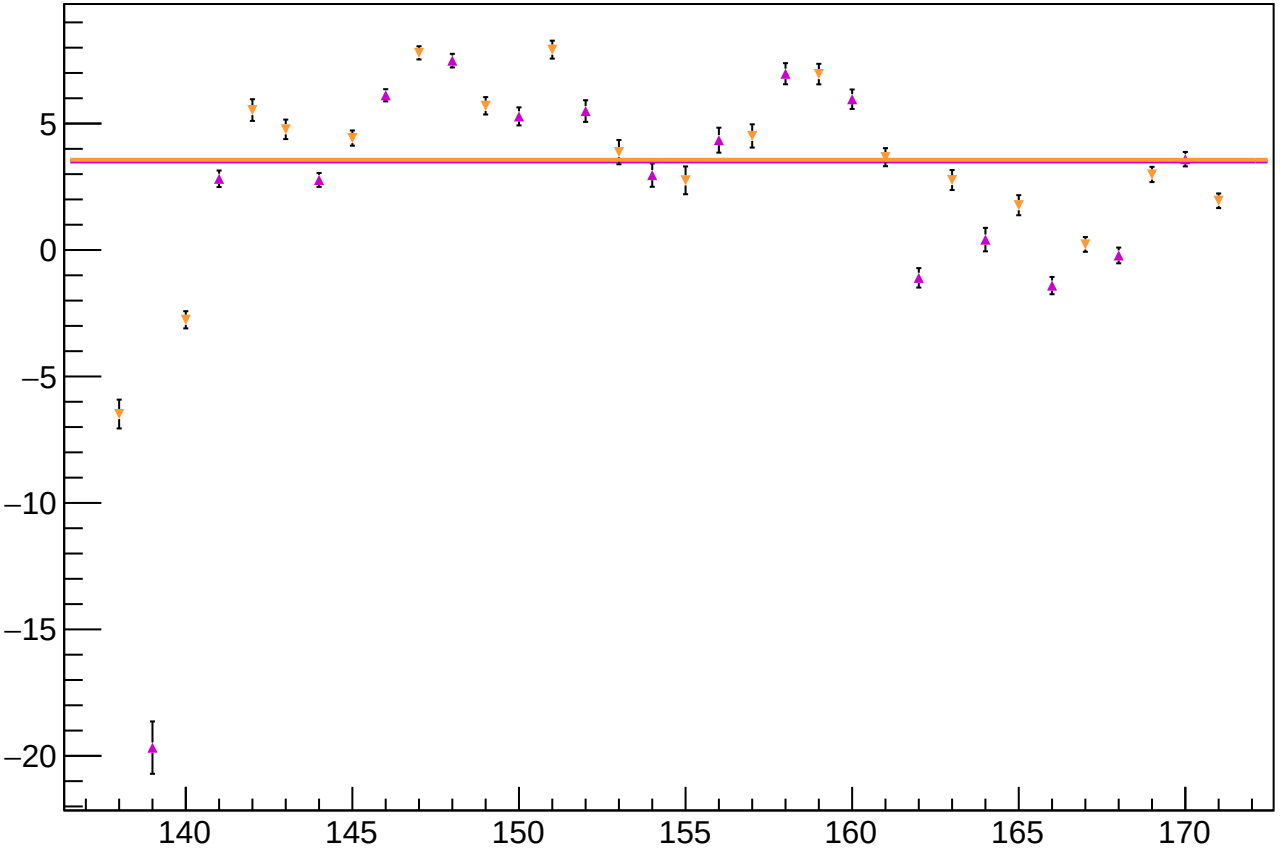
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.991+/-0.120 χ^2/NDF:2479.3/15

Out: 11.528+/-0.117 χ^2/NDF:2366.9/17

All: 11.267+/-0.084 χ^2/NDF: 4856.5/33

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: 3.568+/-0.085 χ^2/NDF:1418.0/17

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

Left In: 3.502+/-0.087 χ^2/NDF:1545.3/15

Left: 3.536+/-0.061 χ^2/NDF: 2963.6/33

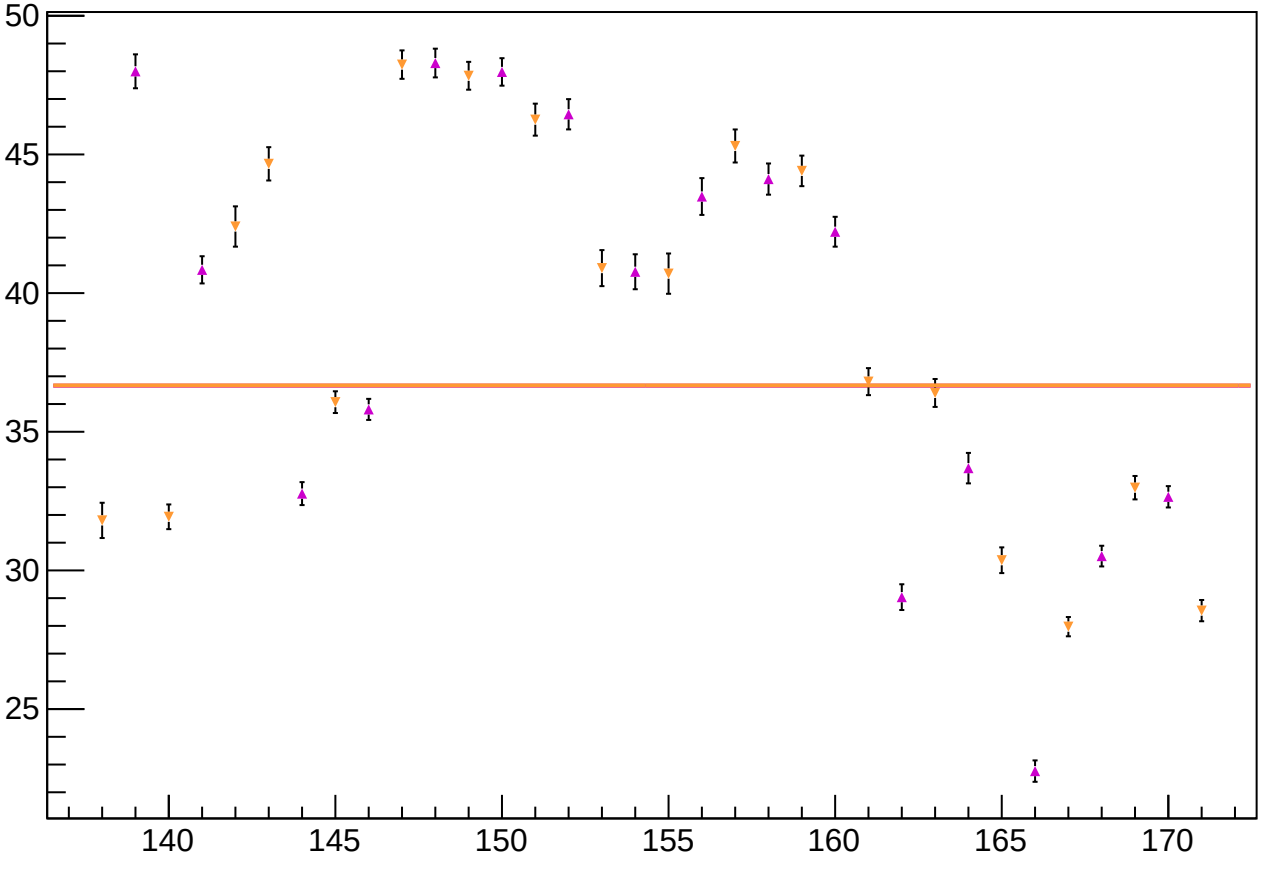
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.502+/-0.087 χ^2/NDF:1545.3/15

Out: 3.568+/-0.085 χ^2/NDF:1418.0/17

All: 3.536+/-0.061 χ^2/NDF: 2963.6/33

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: 36.672+/-0.117 χ^2/NDF:3509.2/17

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

Left In: 36.661+/-0.119 χ^2/NDF:4263.1/15

Left: 36.667+/-0.083 χ^2/NDF: 7772.2/33

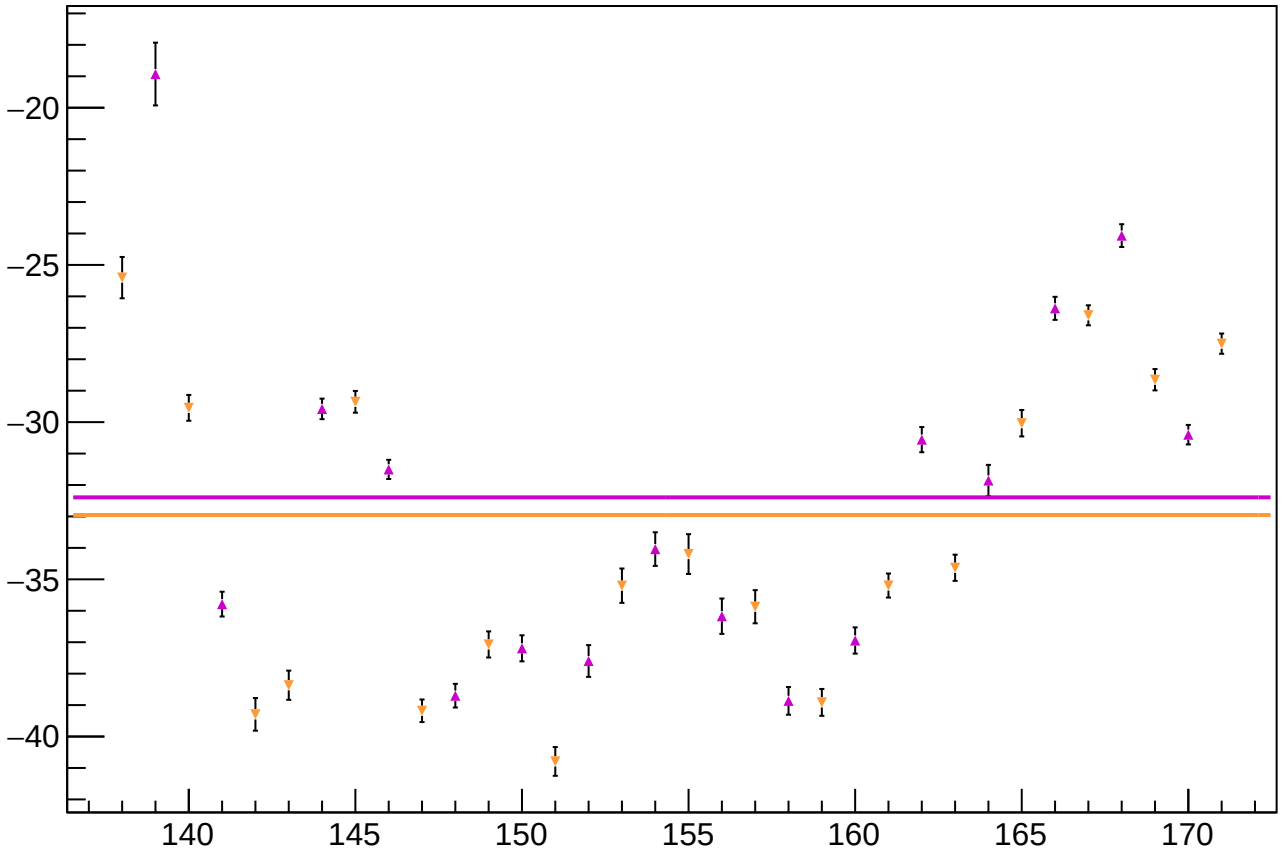
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 36.661+/-0.119 χ^2/NDF:4263.1/15

Out: 36.672+/-0.117 χ^2/NDF:3509.2/17

All: 36.667+/-0.083 χ^2/NDF: 7772.2/33

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: -32.955+/-0.098 χ^2/NDF:2476.0/17

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

Left In: -32.393+/-0.101 χ^2/NDF:2109.8/15

Left: -32.684+/-0.070 χ^2/NDF: 4601.8/33

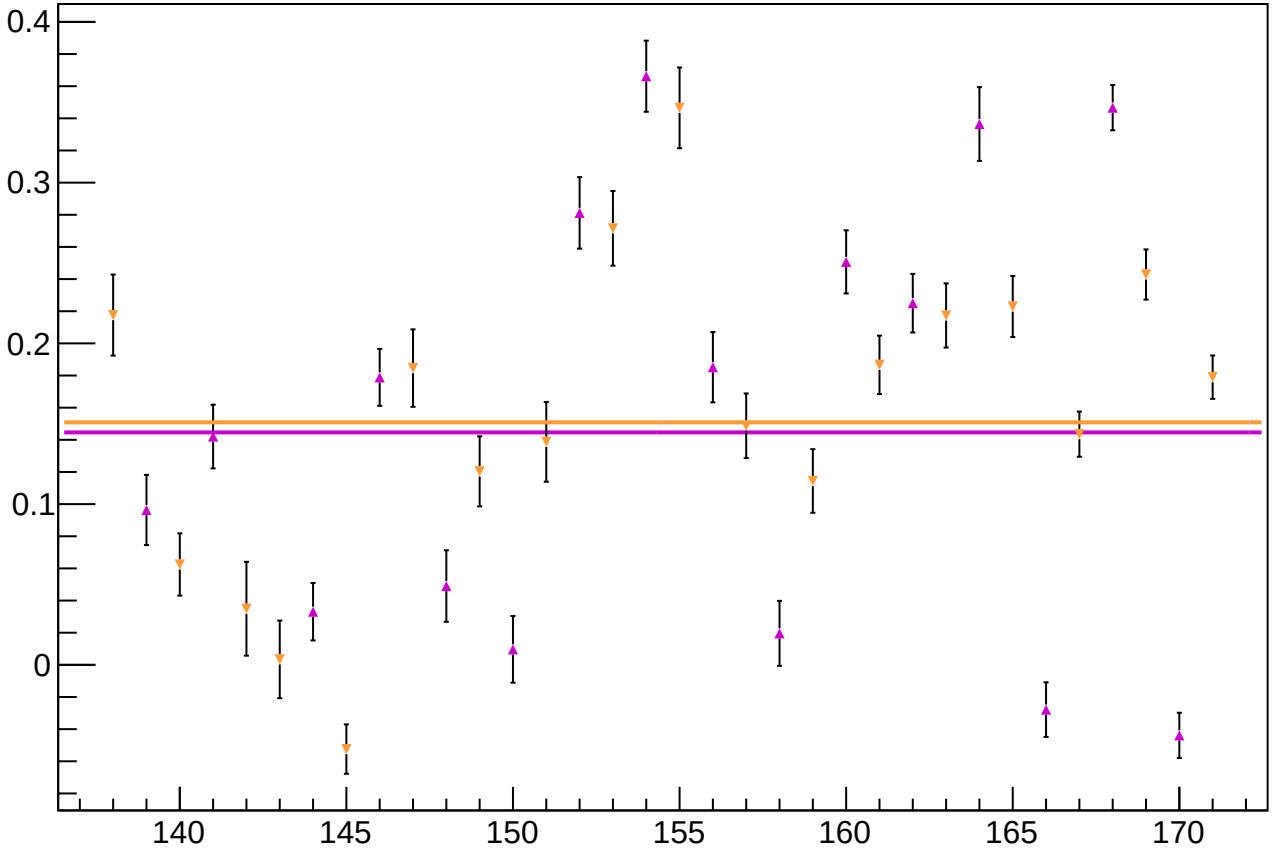
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.393+/-0.101 χ^2/NDF:2109.8/15

Out: -32.955+/-0.098 χ^2/NDF:2476.0/17

All: -32.684+/-0.070 χ^2/NDF: 4601.8/33

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: 0.151+/-0.005 χ^2/NDF:419.5/17

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

Left In: 0.145+/-0.005 χ^2/NDF:895.1/15

Left: 0.148+/-0.003 χ^2/NDF: 1315.5/33

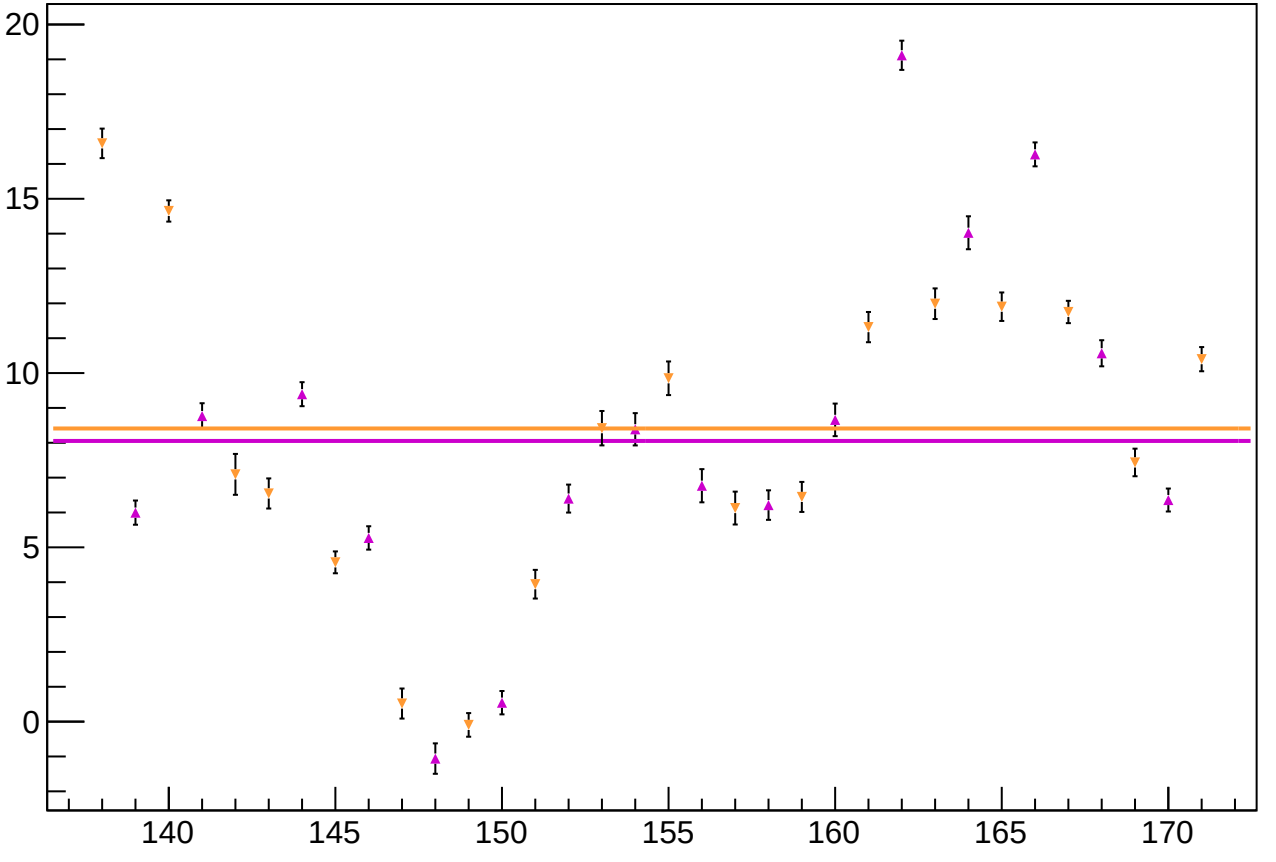
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.145+/-0.005 χ^2/NDF:895.1/15

Out: 0.151+/-0.005 χ^2/NDF:419.5/17

All: 0.148+/-0.003 χ^2/NDF: 1315.5/33

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: 8.410+/-0.094 χ^2/NDF:2431.4/17

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

Left In: 8.052+/-0.096 χ^2/NDF:2606.8/15

Left: 8.236+/-0.067 χ^2/NDF: 5045.3/33

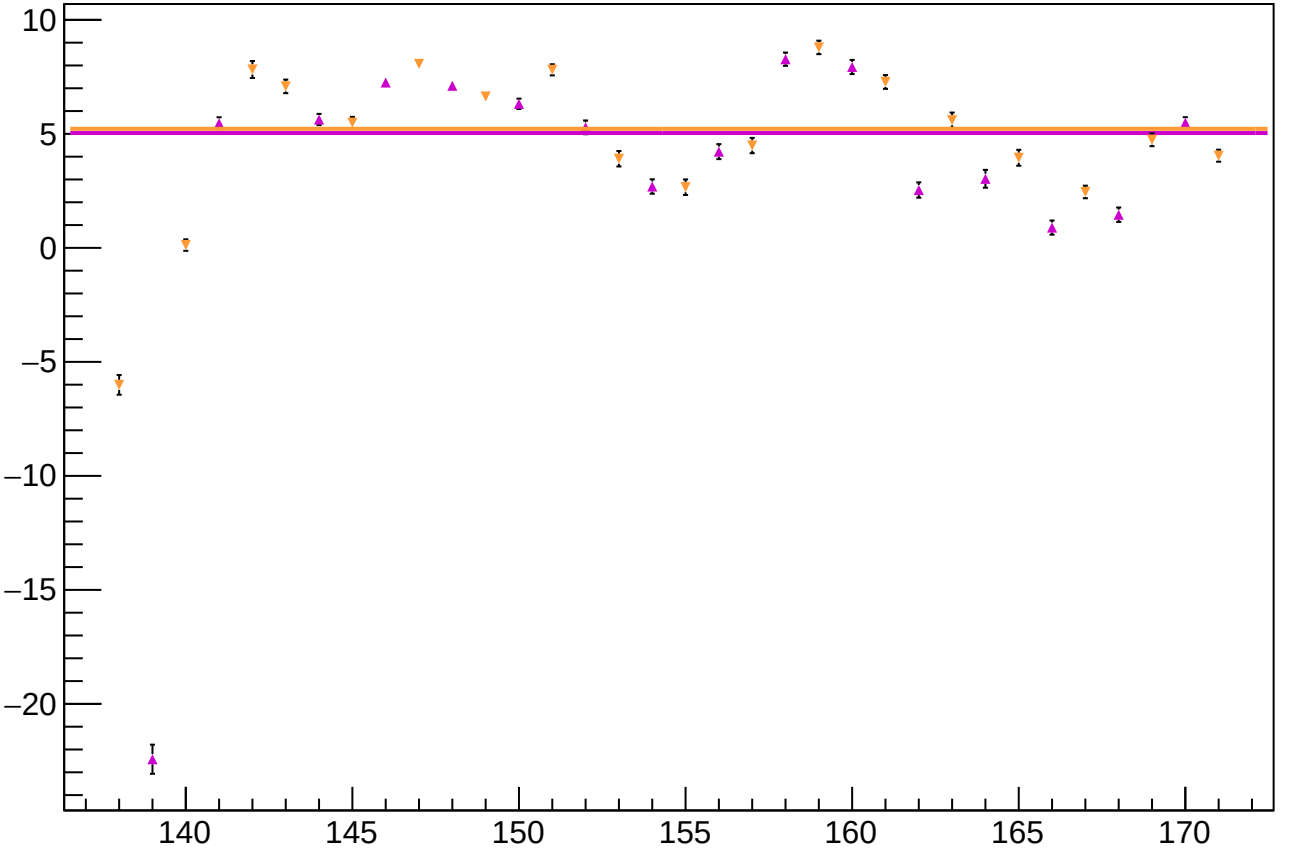
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.052+/-0.096 χ^2/NDF:2606.8/15

Out: 8.410+/-0.094 χ^2/NDF:2431.4/17

All: 8.236+/-0.067 χ^2/NDF: 5045.3/33

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: 5.222+/-0.067 χ^2/NDF:1922.3/17

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

Left In: 5.037+/-0.071 χ^2/NDF:2751.1/15

Left: 5.134+/-0.049 χ^2/NDF: 4677.0/33

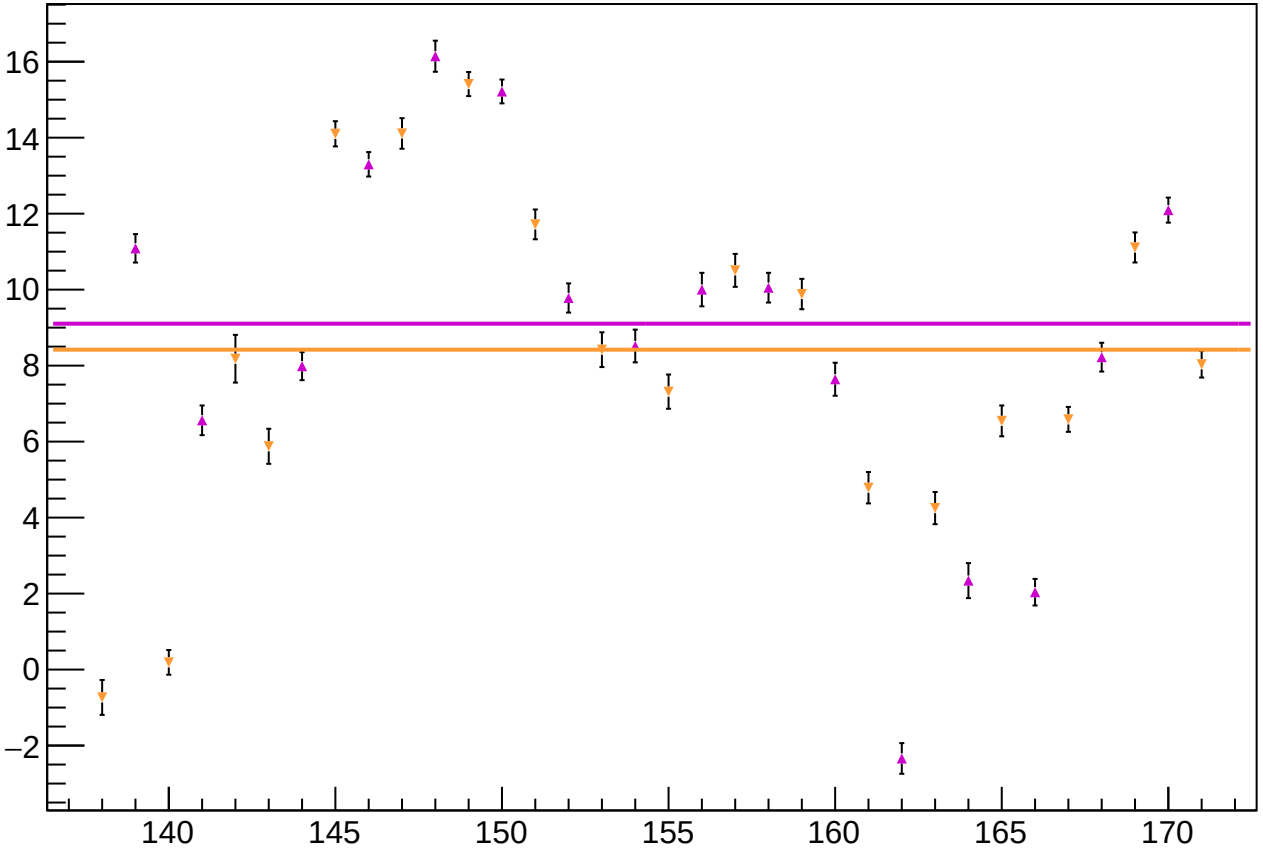
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.037+/-0.071 χ^2/NDF:2751.1/15

Out: 5.222+/-0.067 χ^2/NDF:1922.3/17

All: 5.134+/-0.049 χ^2/NDF: 4677.0/33

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: 8.420+/-0.093 χ^2/NDF:2434.3/17

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

Left In: 9.104+/-0.095 χ^2/NDF:2465.9/15

Left: 8.755+/-0.066 χ^2/NDF: 4926.8/33

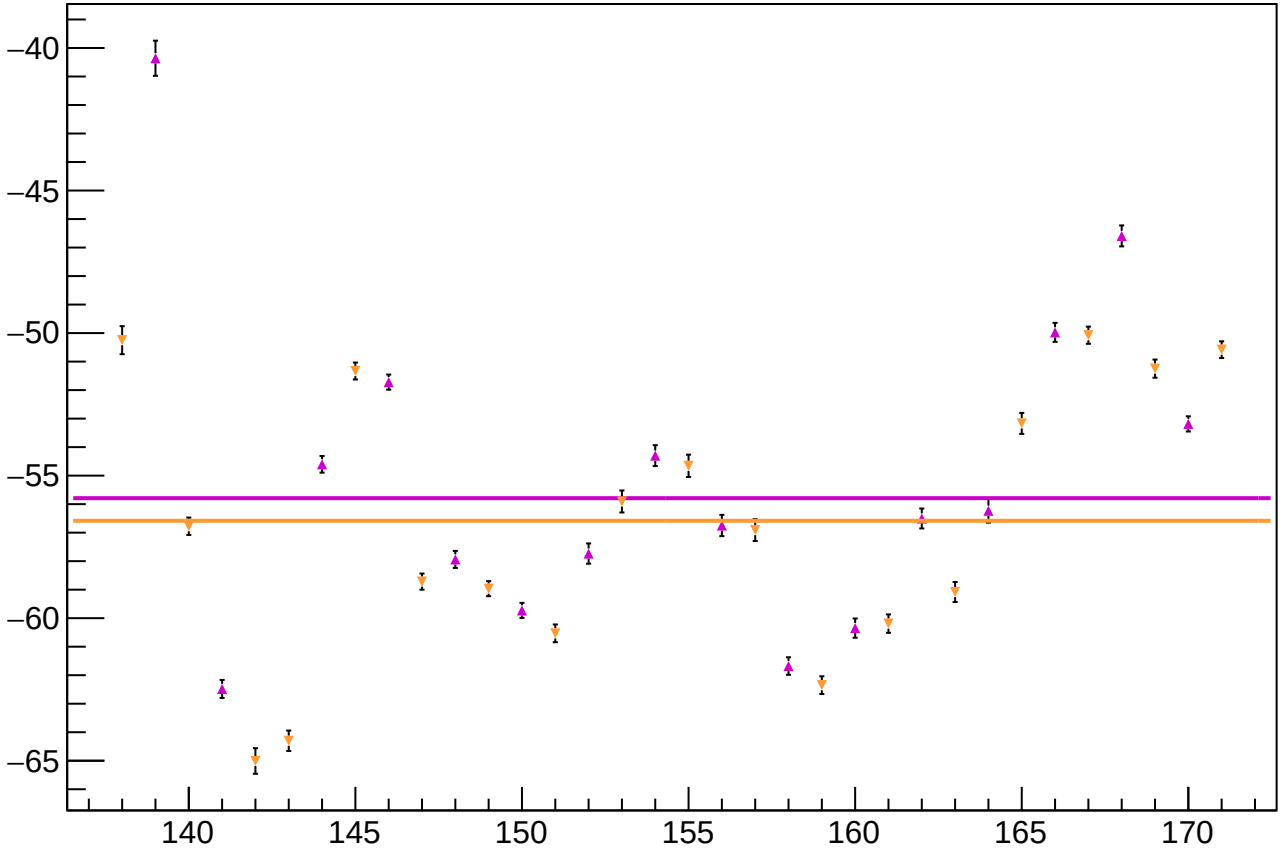
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.104+/-0.095 χ^2/NDF:2465.9/15

Out: 8.420+/-0.093 χ^2/NDF:2434.3/17

All: 8.755+/-0.066 χ^2/NDF: 4926.8/33

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: -56.583+/-0.078 χ^2/NDF:3394.9/17

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

Left In: -55.790+/-0.081 χ^2/NDF:3237.9/15

Left: -56.204+/-0.056 χ^2/NDF: 6682.1/33

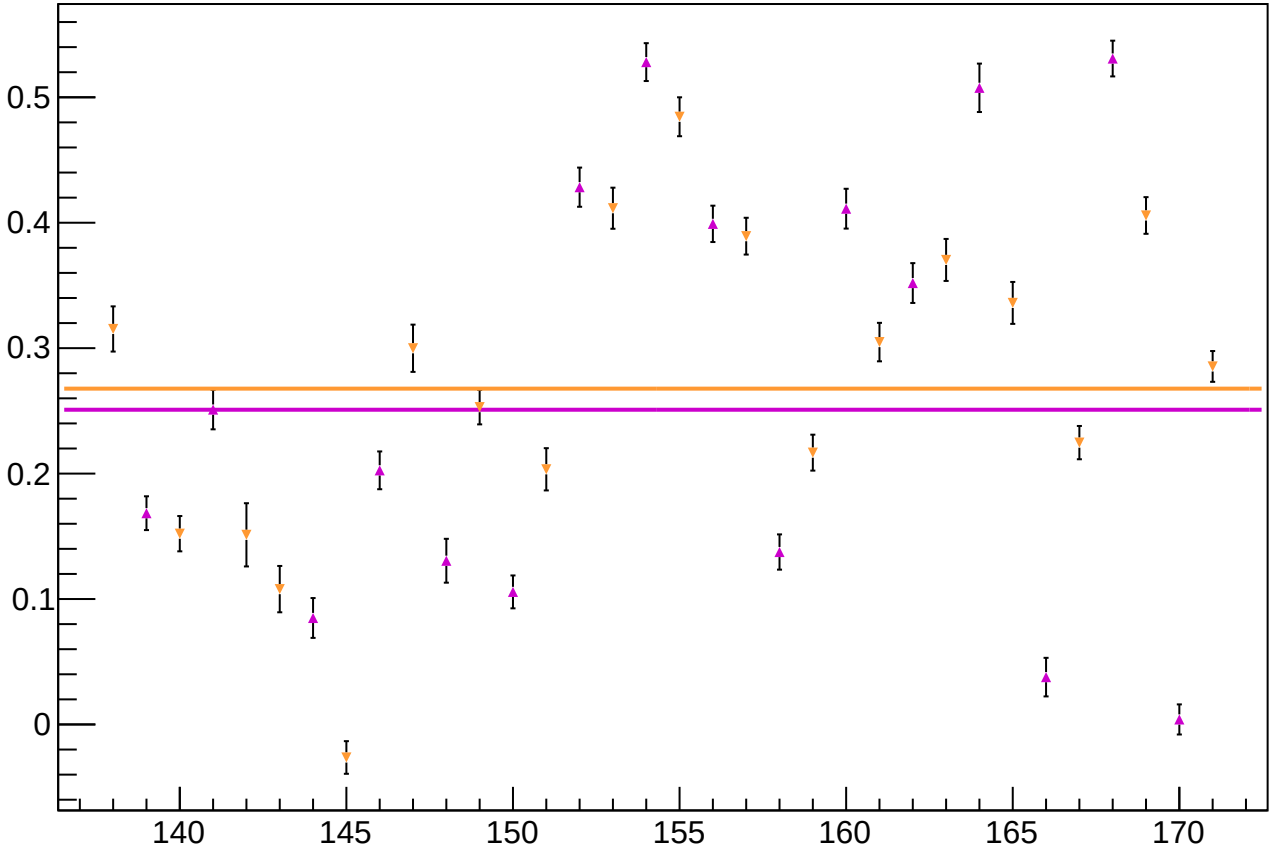
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -55.790+/-0.081 χ^2/NDF:3237.9/15

Out: -56.583+/-0.078 χ^2/NDF:3394.9/17

All: -56.204+/-0.056 χ^2/NDF: 6682.1/33

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.268+/-0.004 χ^2/NDF:1215.7/17

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

Left In: 0.251+/-0.004 χ^2/NDF:2284.1/15

Left: 0.260+/-0.003 χ^2/NDF: 3510.3/33

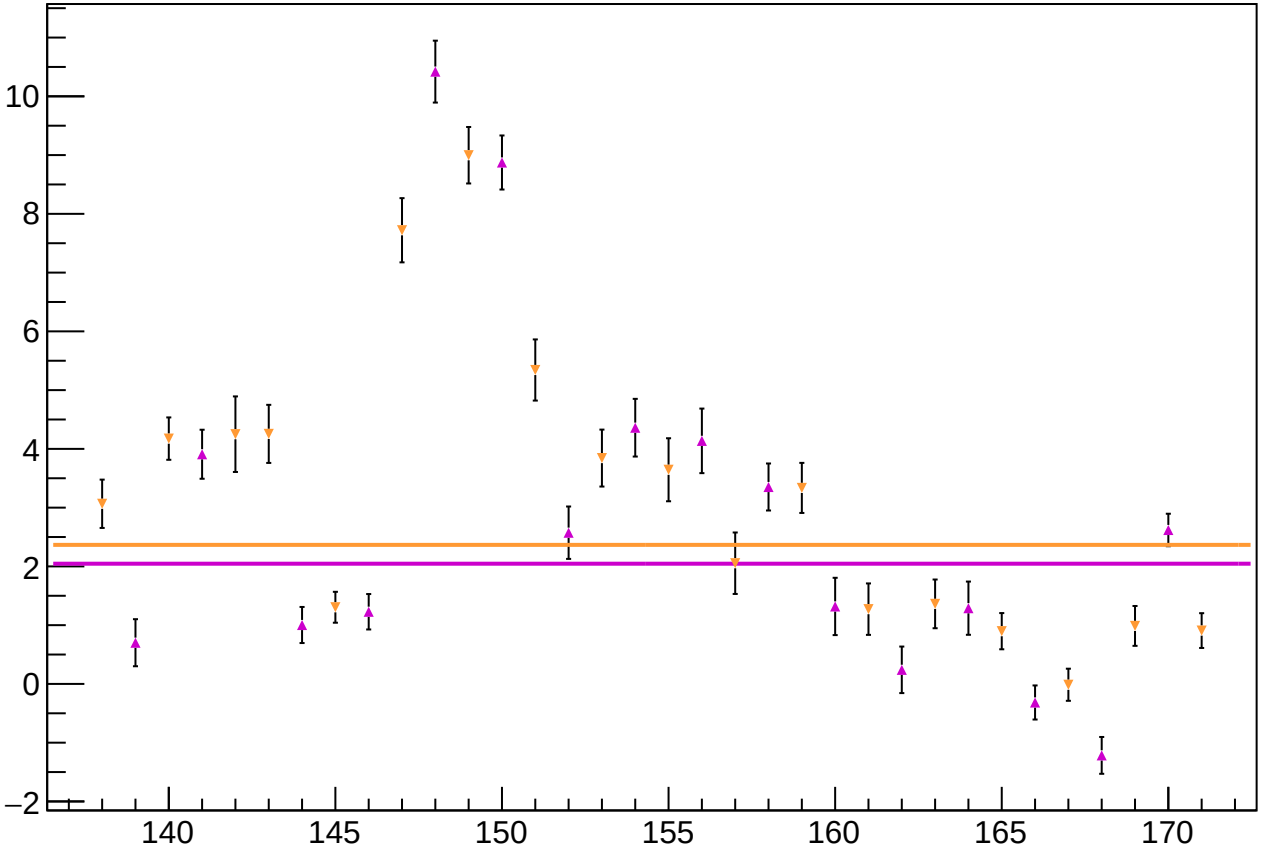
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.251+/-0.004 χ^2/NDF:2284.1/15

Out: 0.268+/-0.004 χ^2/NDF:1215.7/17

All: 0.260+/-0.003 χ^2/NDF: 3510.3/33

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: 2.366+/-0.092 χ^2/NDF:558.7/17

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

Left In: 2.046+/-0.095 χ^2/NDF:776.9/15

Left: 2.211+/-0.066 χ^2/NDF: 1341.5/33

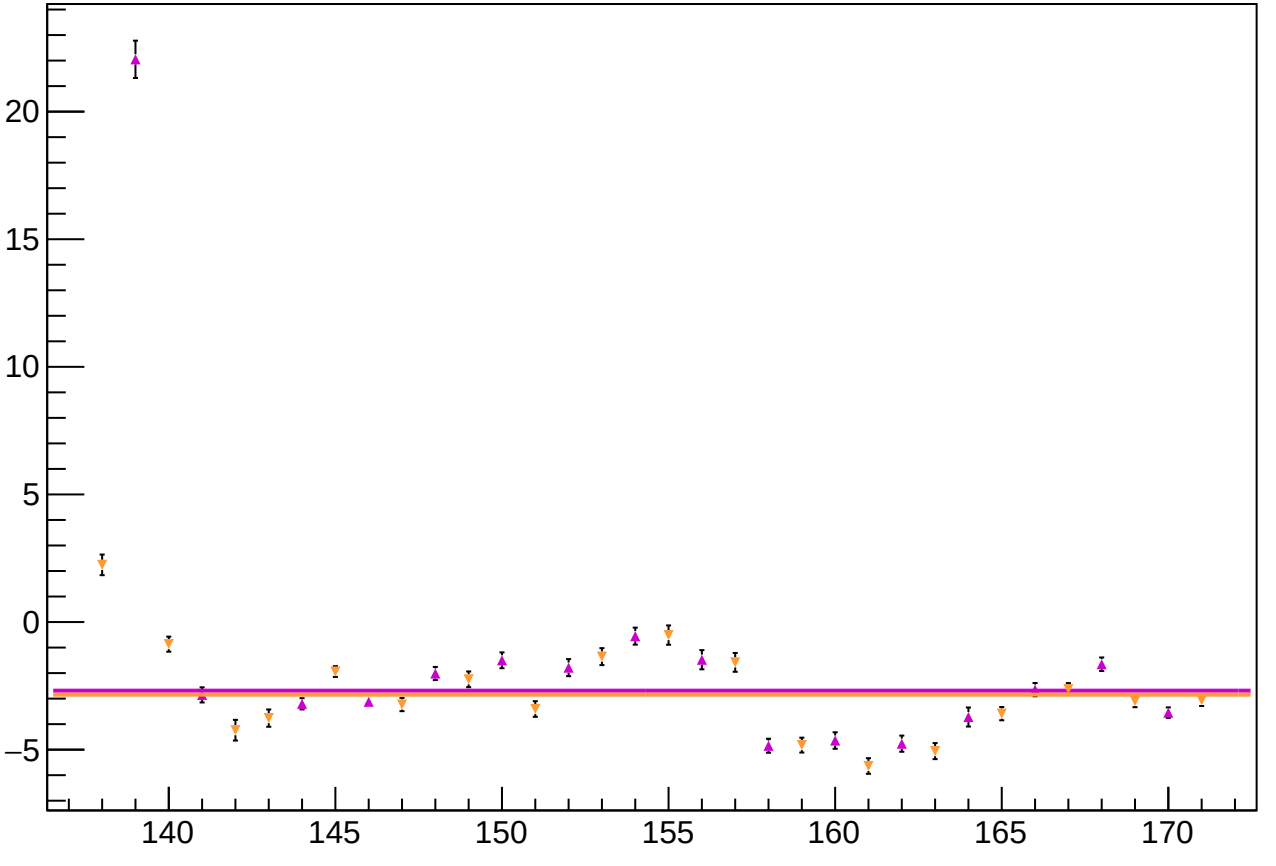
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.046+/-0.095 χ^2/NDF:776.9/15

Out: 2.366+/-0.092 χ^2/NDF:558.7/17

All: 2.211+/-0.066 χ^2/NDF: 1341.5/33

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: -2.845+/-0.068 χ^2/NDF:510.3/17

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

Left In: -2.689+/-0.070 χ^2/NDF:1418.0/15

Left: -2.769+/-0.049 χ^2/NDF: 1930.9/33

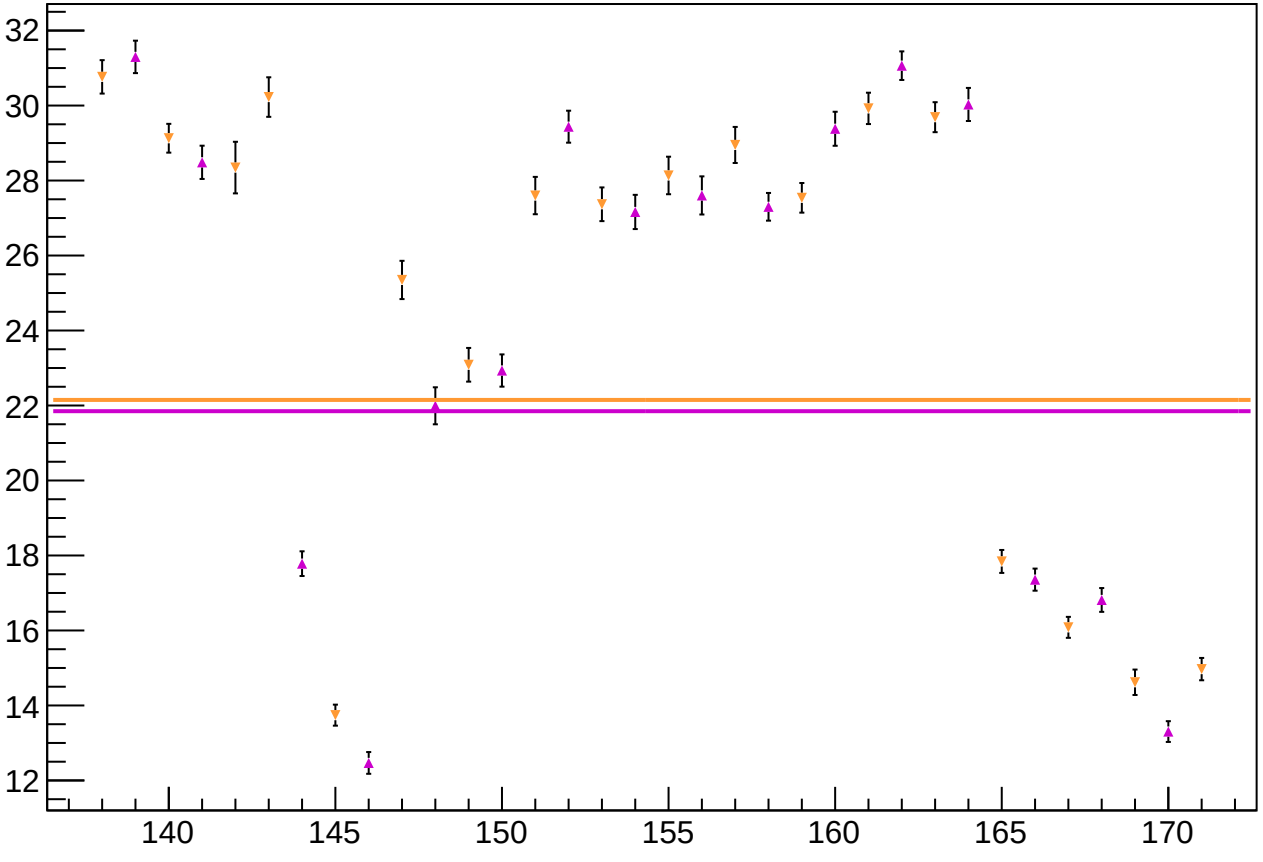
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.689+/-0.070 χ^2/NDF:1418.0/15

Out: -2.845+/-0.068 χ^2/NDF:510.3/17

All: -2.769+/-0.049 χ^2/NDF: 1930.9/33

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: 22.149+/-0.092 χ^2/NDF:5190.7/17

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

Left In: 21.848+/-0.094 χ^2/NDF:5343.7/15

Left: 22.001+/-0.066 χ^2/NDF: 10539.7/33

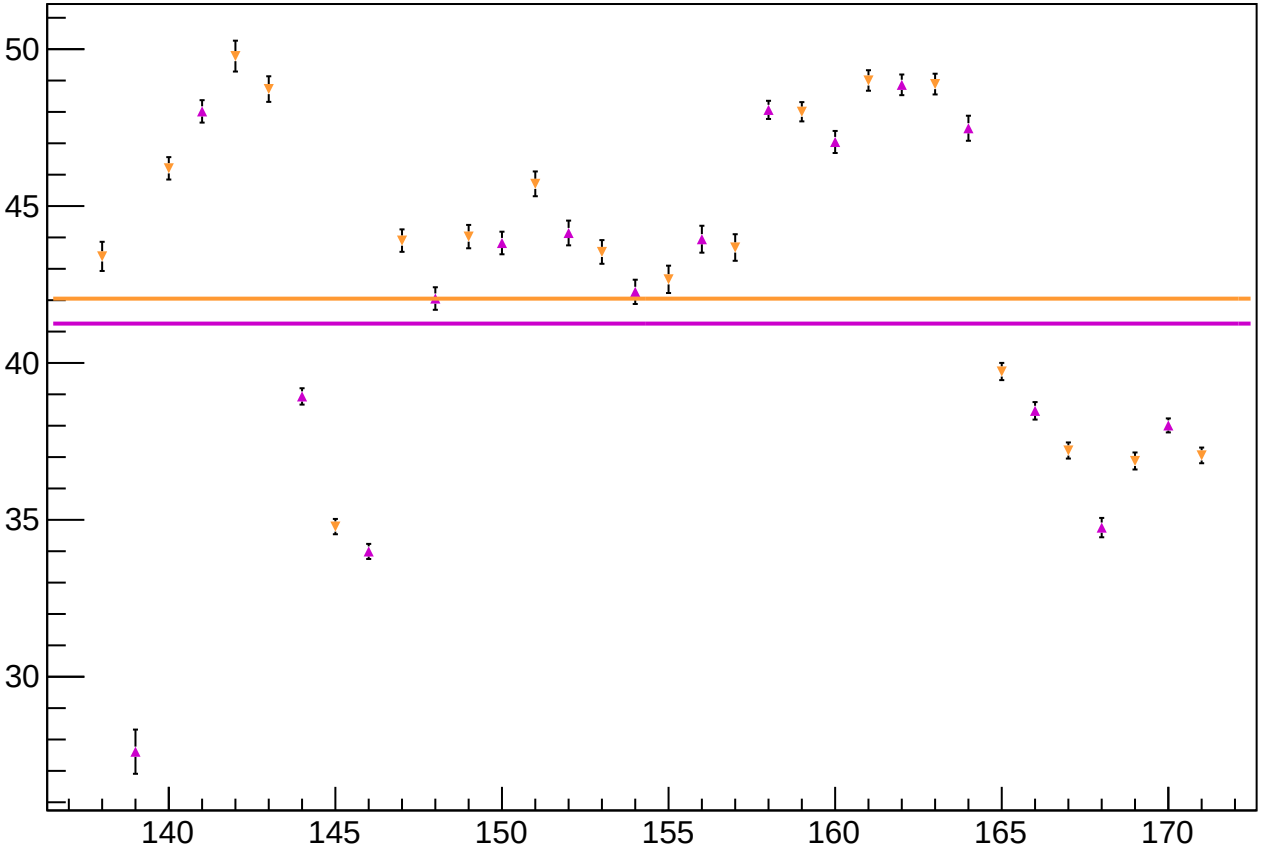
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 21.848+/-0.094 χ^2/NDF:5343.7/15

Out: 22.149+/-0.092 χ^2/NDF:5190.7/17

All: 22.001+/-0.066 χ^2/NDF: 10539.7/33

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 42.049+/-0.078 χ^2/NDF:4167.0/17

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

Left In: 41.254+/-0.080 χ^2/NDF:4235.7/15

Left: 41.666+/-0.056 χ^2/NDF: 8453.4/33

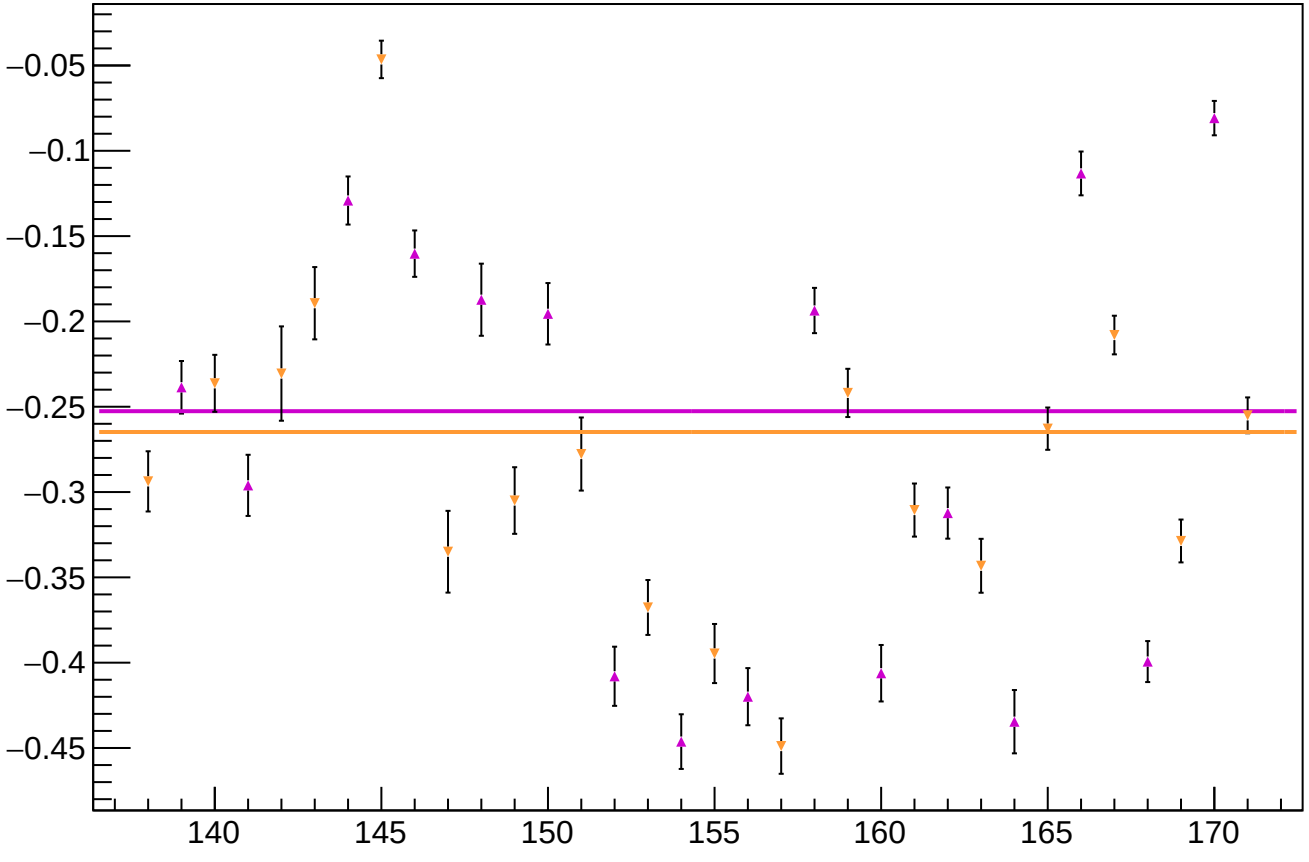
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.254+/-0.080 χ^2/NDF:4235.7/15

Out: 42.049+/-0.078 χ^2/NDF:4167.0/17

All: 41.666+/-0.056 χ^2/NDF: 8453.4/33

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: -0.265+/-0.004 χ^2/NDF:741.4/17

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

Left In: -0.253+/-0.004 χ^2/NDF:1250.8/15

Left: -0.259+/-0.003 χ^2/NDF: 1997.9/33

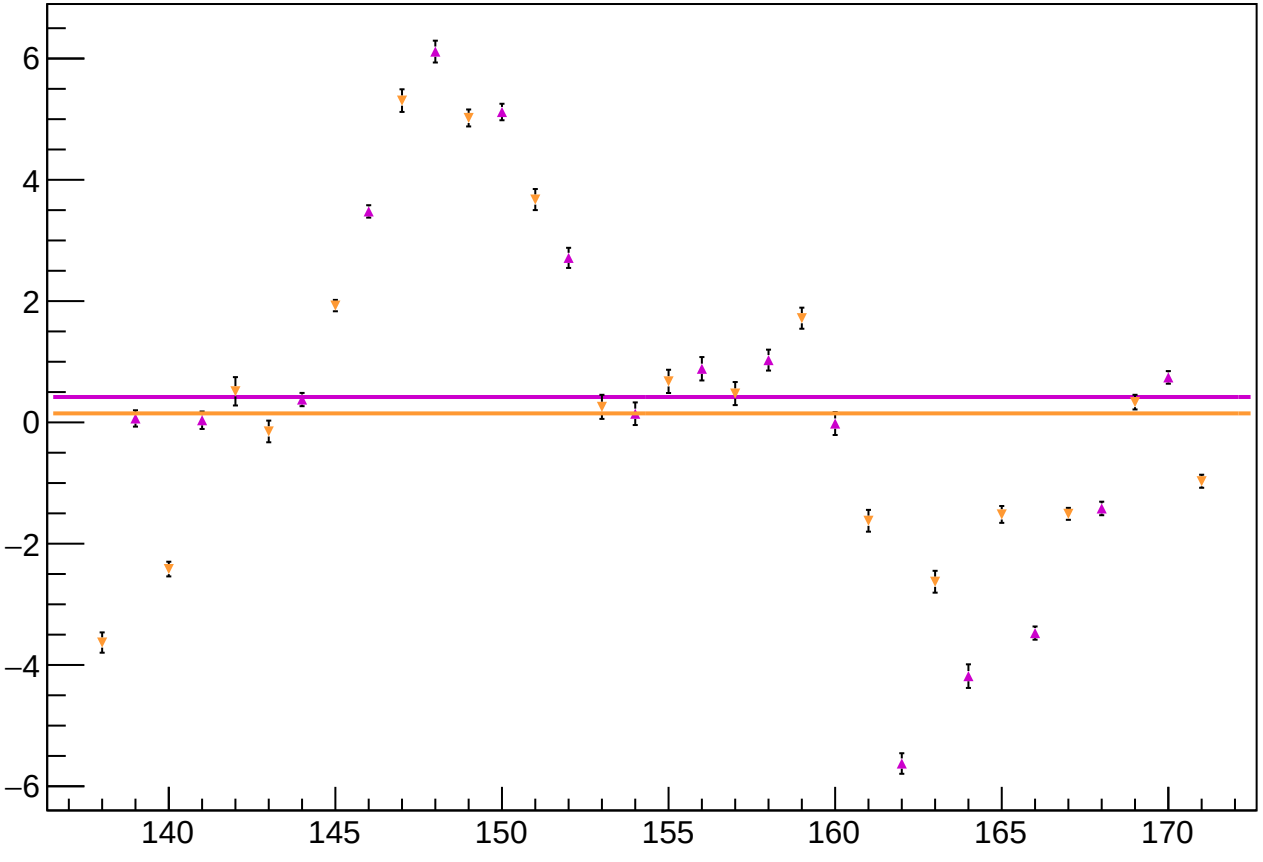
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.253+/-0.004 χ^2/NDF:1250.8/15

Out: -0.265+/-0.004 χ^2/NDF:741.4/17

All: -0.259+/-0.003 χ^2/NDF: 1997.9/33

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: 0.148+/-0.034 χ^2/NDF:4671.2/17

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

Left In: 0.419+/-0.035 χ^2/NDF:6709.5/15

Left: 0.282+/-0.024 χ^2/NDF: 11411.8/33

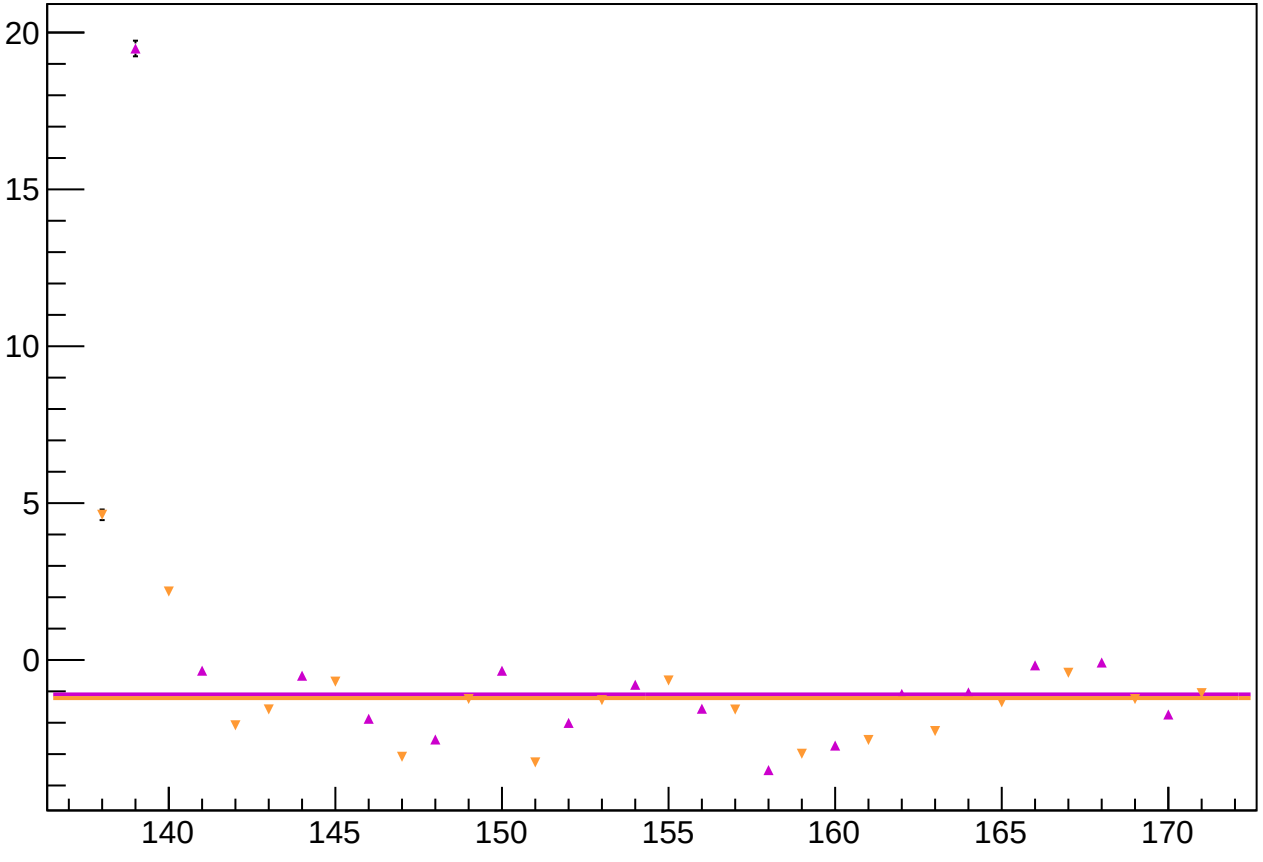
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.419+/-0.035 χ^2/NDF:6709.5/15

Out: 0.148+/-0.034 χ^2/NDF:4671.2/17

All: 0.282+/-0.024 χ^2/NDF: 11411.8/33

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: -1.215+/-0.025 χ^2/NDF:3783.4/17

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

Left In: -1.098+/-0.026 χ^2/NDF:8327.9/15

Left: -1.158+/-0.018 χ^2/NDF: 12122.0/33

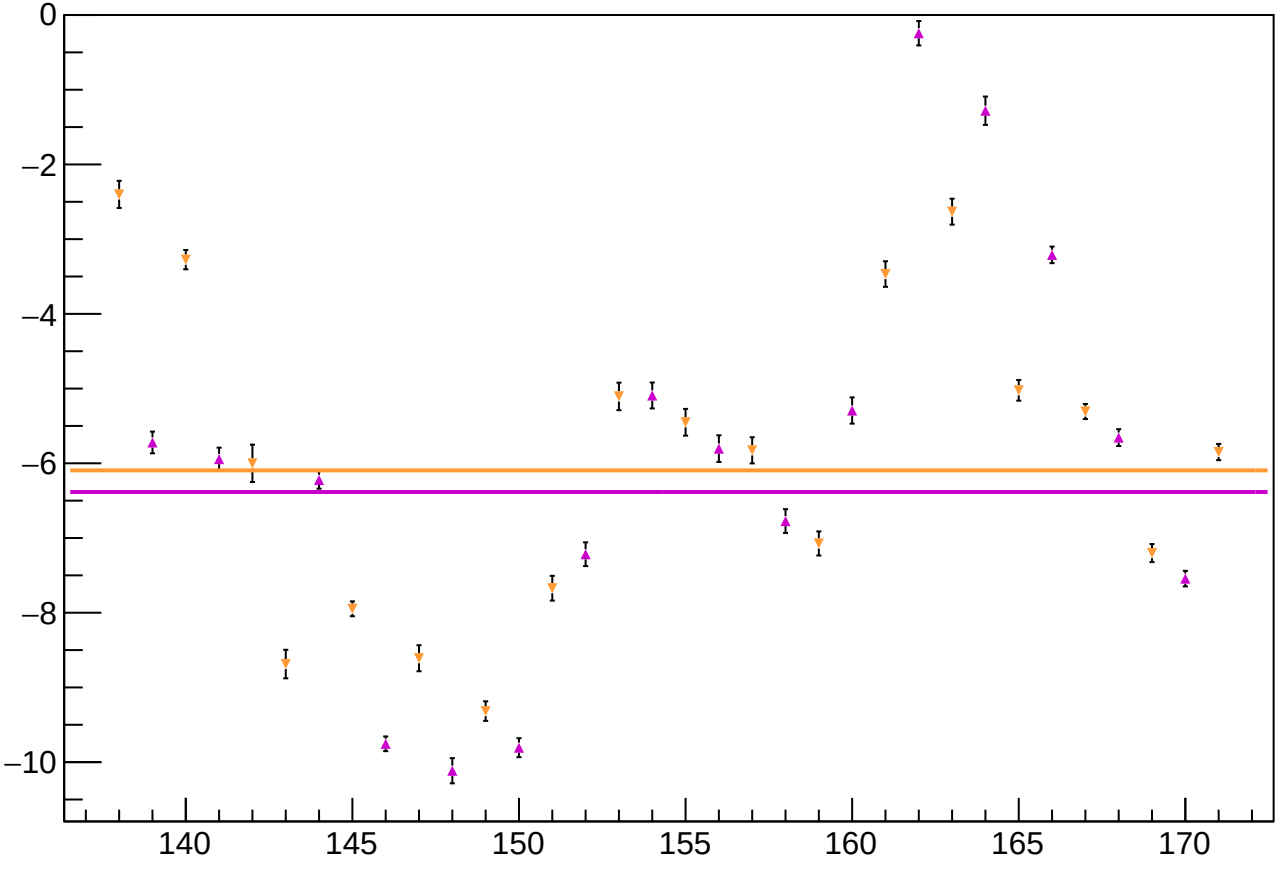
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.098+/-0.026 χ^2/NDF:8327.9/15

Out: -1.215+/-0.025 χ^2/NDF:3783.4/17

All: -1.158+/-0.018 χ^2/NDF: 12122.0/33

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: -6.095+/-0.034 χ^2/NDF:3250.2/17

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

Left In: -6.384+/-0.034 χ^2/NDF:5674.8/15

Left: -6.239+/-0.024 χ^2/NDF: 8961.0/33

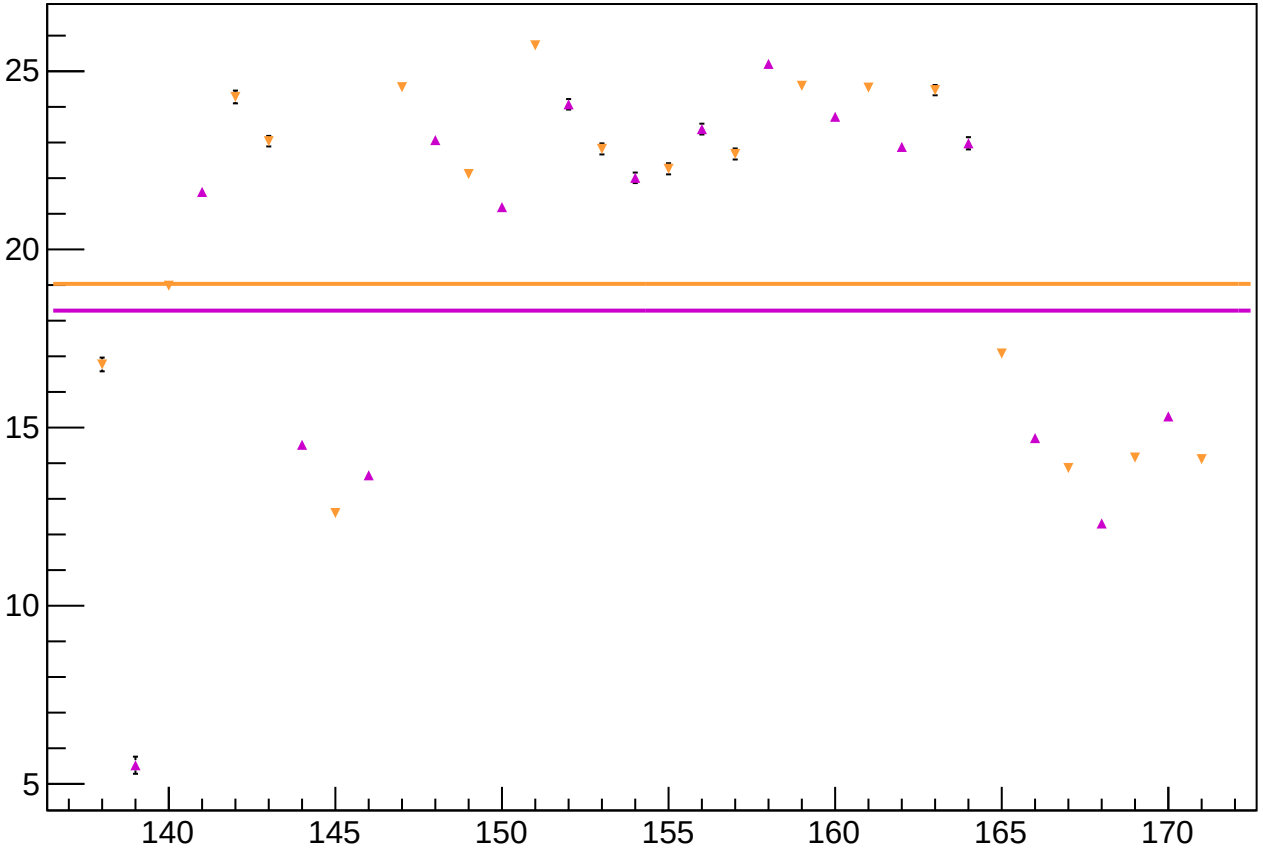
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.384+/-0.034 χ^2/NDF:5674.8/15

Out: -6.095+/-0.034 χ^2/NDF:3250.2/17

All: -6.239+/-0.024 χ^2/NDF: 8961.0/33

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: 19.033+/-0.029 χ^2/NDF:27931.3/17

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

Left In: 18.282+/-0.029 χ^2/NDF:25720.8/15

Left: 18.667+/-0.021 χ^2/NDF: 53984.3/33

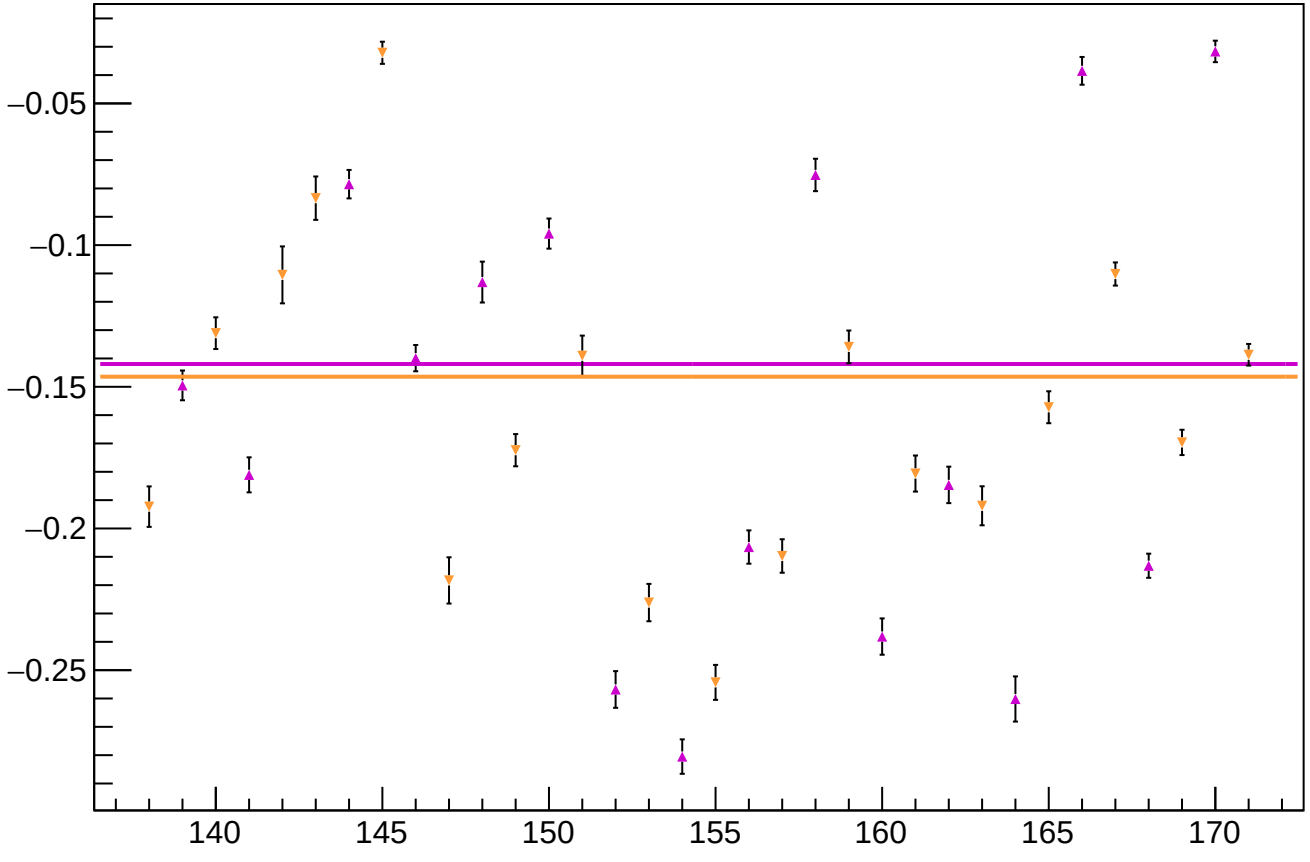
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.282+/-0.029 χ^2/NDF:25720.8/15

Out: 19.033+/-0.029 χ^2/NDF:27931.3/17

All: 18.667+/-0.021 χ^2/NDF: 53984.3/33

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: -0.146+/-0.001 χ^2/NDF:1840.5/17

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

Left In: -0.142+/-0.001 χ^2/NDF:3444.0/15

Left: -0.144+/-0.001 χ^2/NDF: 5290.0/33

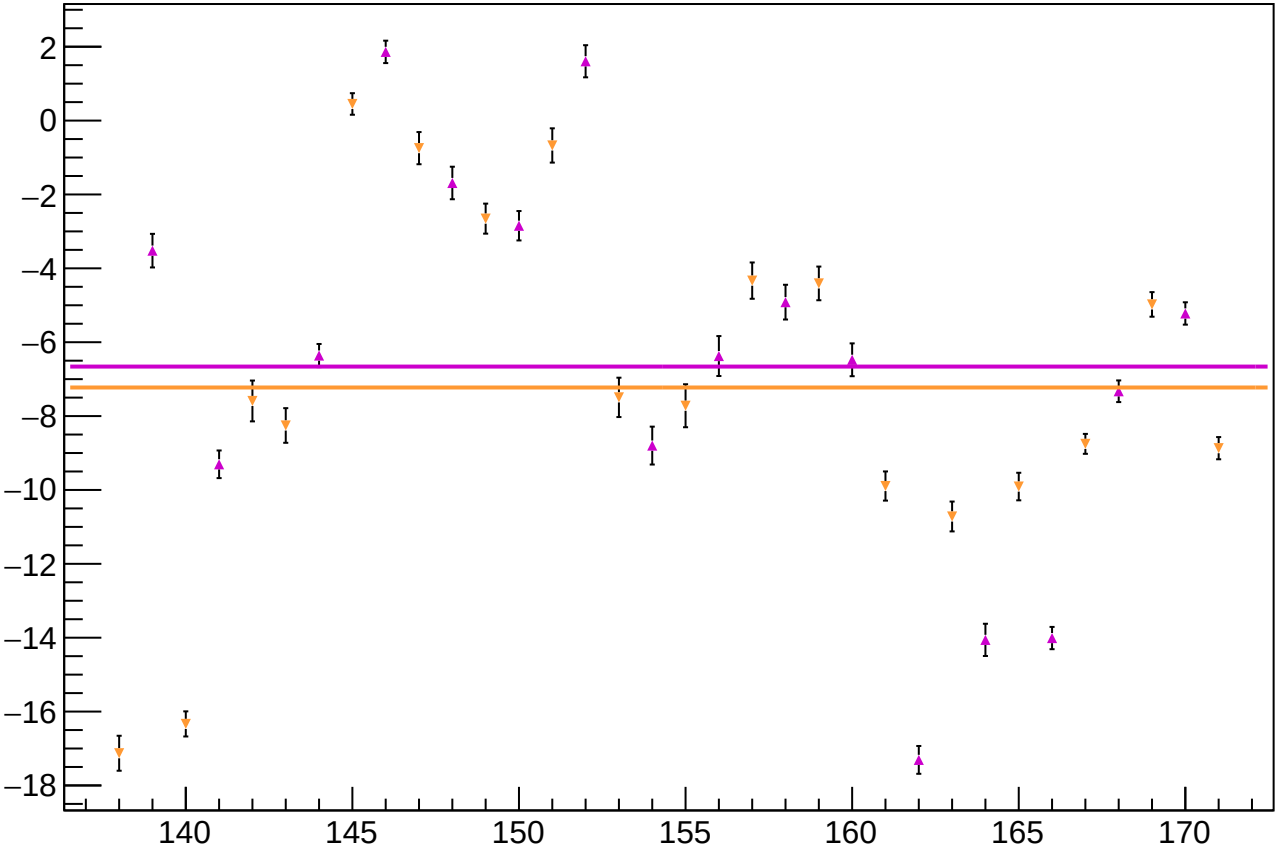
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.142+/-0.001 χ^2/NDF:3444.0/15

Out: -0.146+/-0.001 χ^2/NDF:1840.5/17

All: -0.144+/-0.001 χ^2/NDF: 5290.0/33

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: -7.226+/-0.092 χ^2/NDF:2751.8/17

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

Left In: -6.660+/-0.094 χ^2/NDF:3208.2/15

Left: -6.949+/-0.066 χ^2/NDF: 5978.5/33

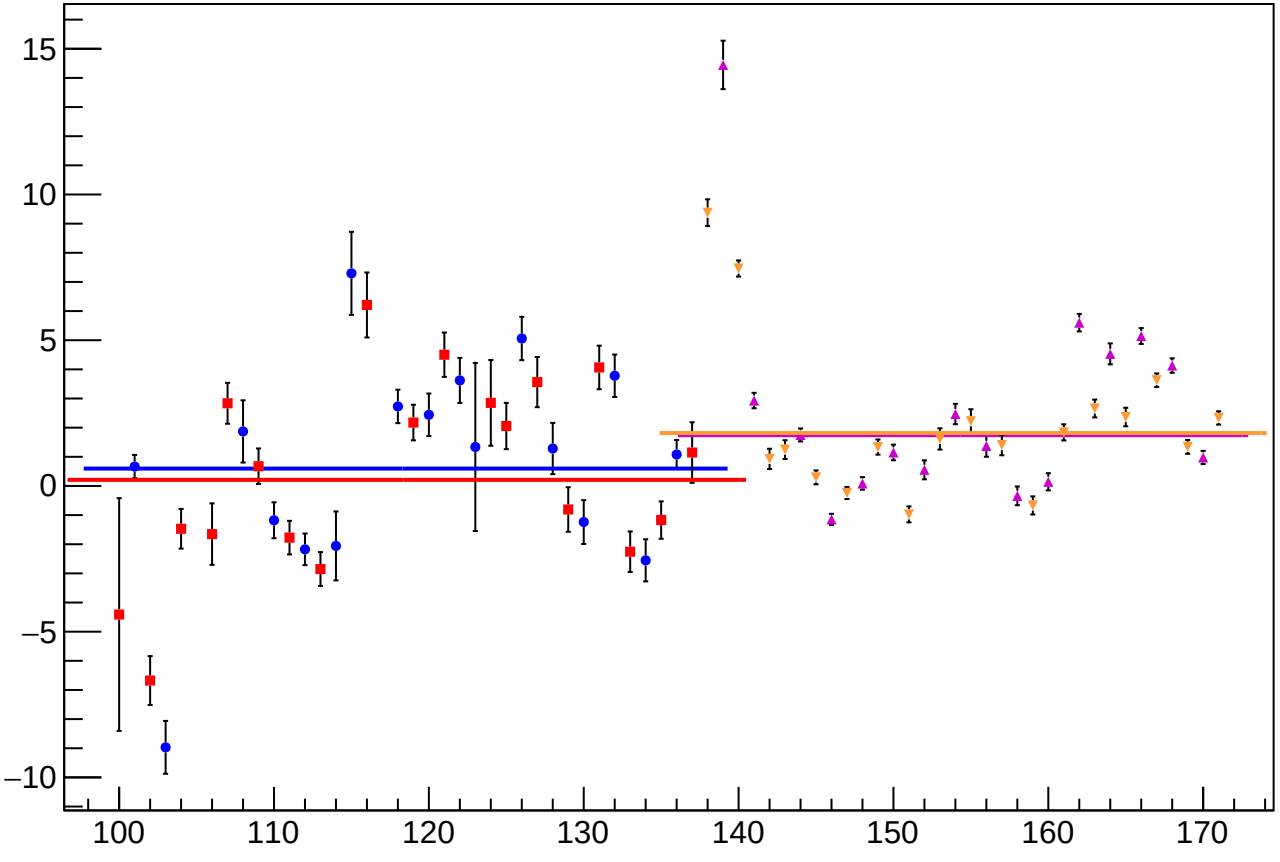
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.660+/-0.094 χ^2/NDF:3208.2/15

Out: -7.226+/-0.092 χ^2/NDF:2751.8/17

All: -6.949+/-0.066 χ^2/NDF: 5978.5/33

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: 1.816+/-0.067 χ^2/NDF:1091.5/17

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 1.742+/-0.069 χ^2/NDF:1122.1/15

Left: 1.780+/-0.048 χ^2/NDF: 2214.2/33

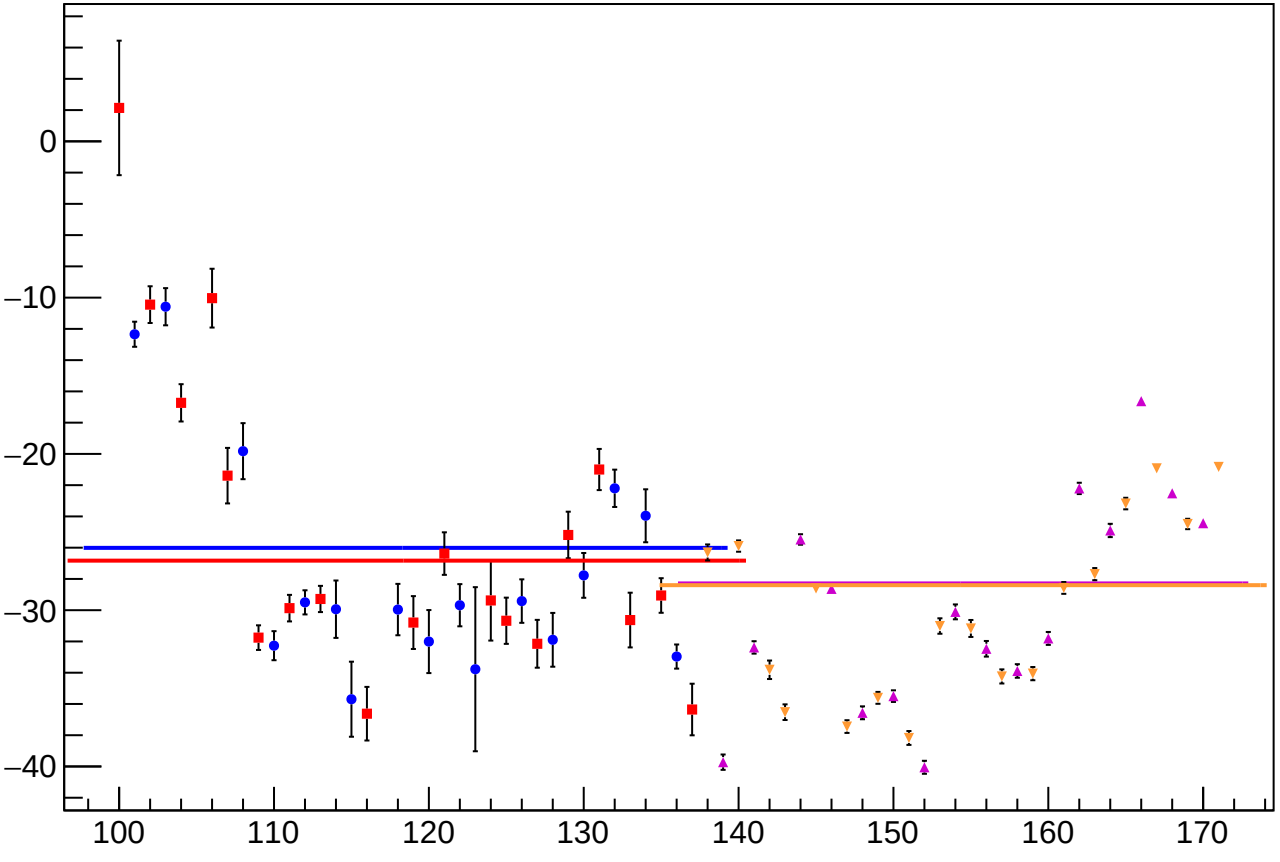
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 1.580+/-0.064 χ^2/NDF:1452.8/32

Out: 1.612+/-0.062 χ^2/NDF:1438.9/36

All: 1.596+/-0.044 χ^2/NDF: 2891.8/69

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: -28.399+/-0.092 χ^2/NDF:3851.4/17

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -28.287+/-0.093 χ^2/NDF:4943.6/15

Left: -28.344+/-0.065 χ^2/NDF: 8795.7/33

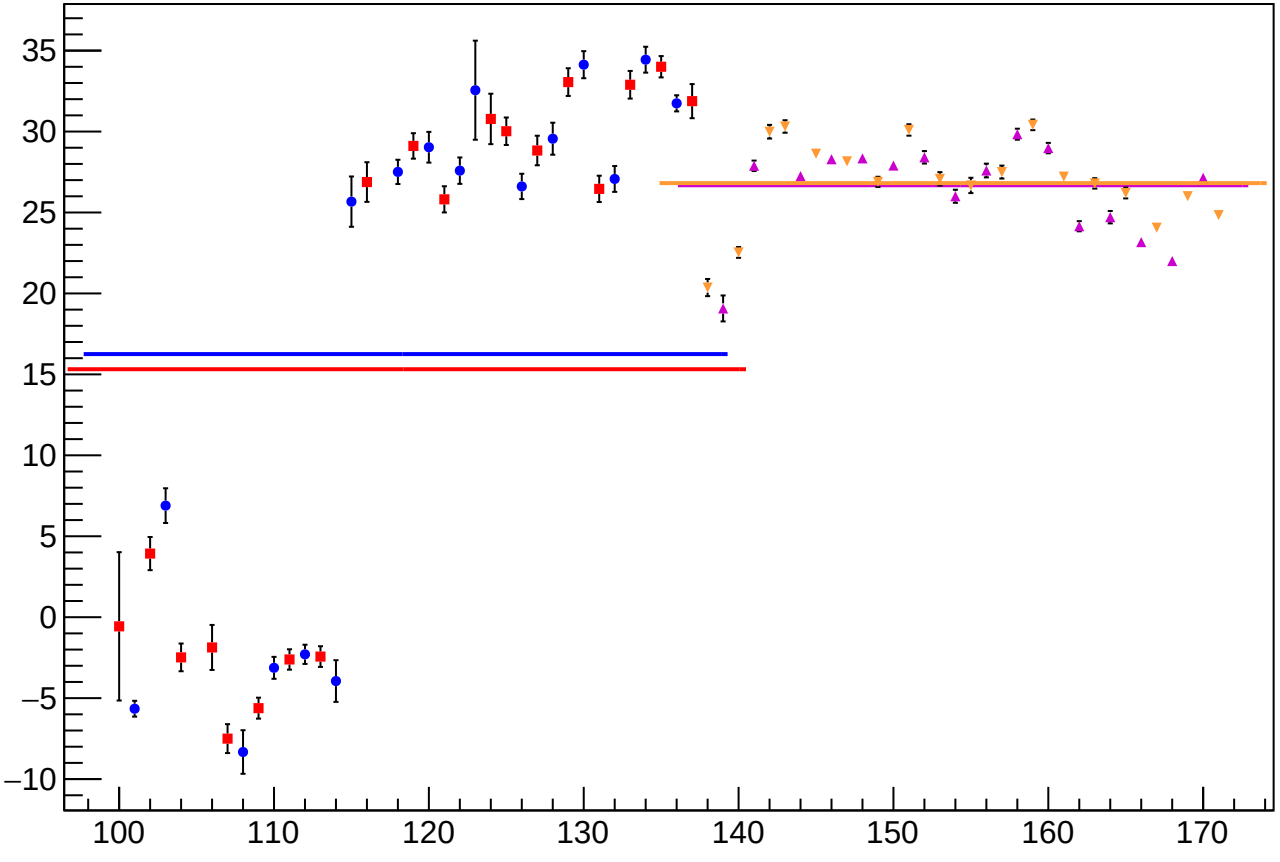
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -28.087+/-0.089 χ^2/NDF:5689.1/32

Out: -28.263+/-0.088 χ^2/NDF:4458.4/36

All: -28.176+/-0.062 χ^2/NDF: 10149.5/69

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 26.816+/-0.077 χ^2/NDF:920.2/17

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 26.684+/-0.079 χ^2/NDF:868.3/15

Left: 26.752+/-0.055 χ^2/NDF: 1790.0/33

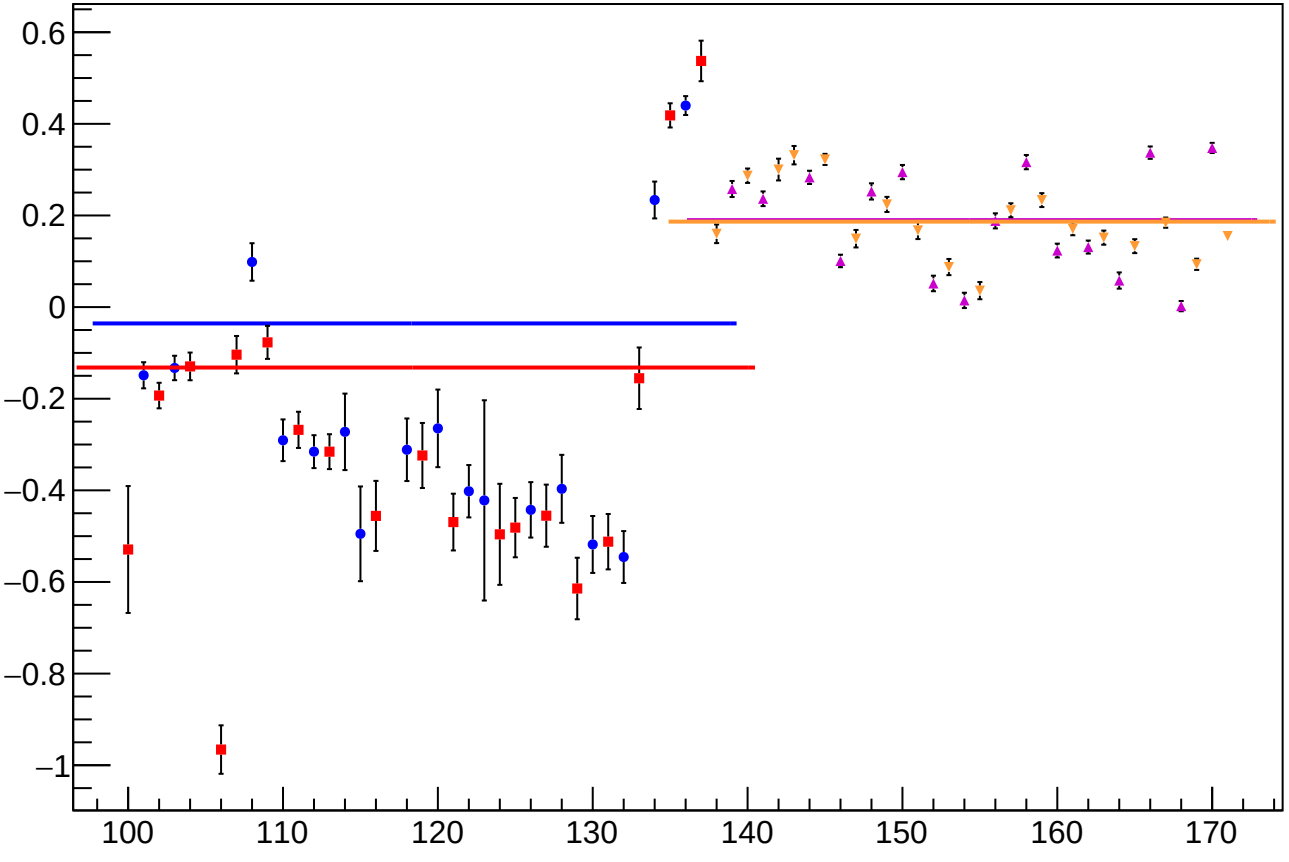
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 25.149+/-0.073 χ^2/NDF:11022.4/32

Out: 25.297+/-0.072 χ^2/NDF:11156.9/36

All: 25.224+/-0.051 χ^2/NDF: 22181.4/69

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: 0.187+/-0.004 χ^2/NDF:445.3/17

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.190+/-0.004 χ^2/NDF:1101.6/15

Left: 0.188+/-0.003 χ^2/NDF: 1547.3/33

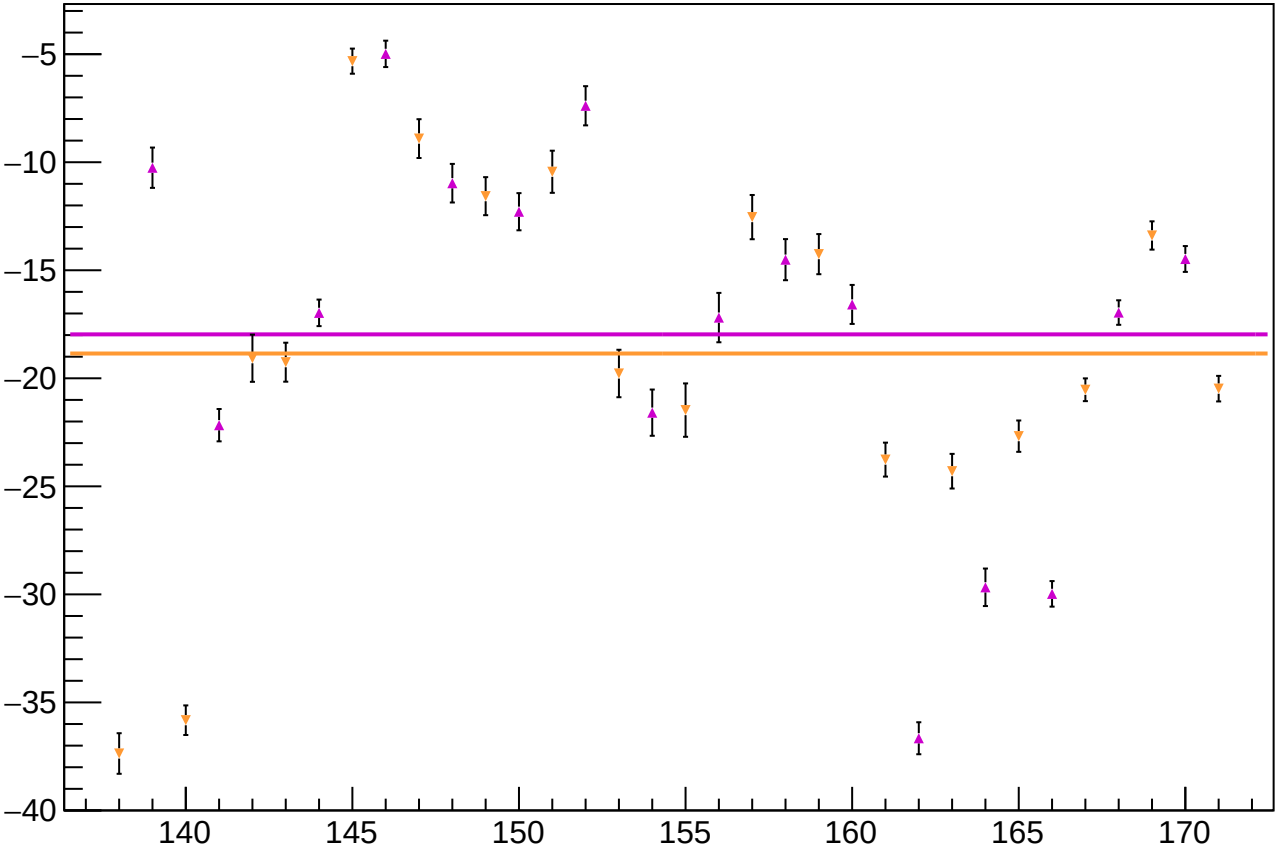
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.164+/-0.003 χ^2/NDF:2540.2/32

Out: 0.153+/-0.003 χ^2/NDF:2461.4/36

All: 0.158+/-0.002 χ^2/NDF: 5007.3/69

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: -18.853+/-0.185 χ^2/NDF:2077.9/17

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

Left In: -17.967+/-0.189 χ^2/NDF:2091.5/15

Left: -18.421+/-0.132 χ^2/NDF: 4180.6/33

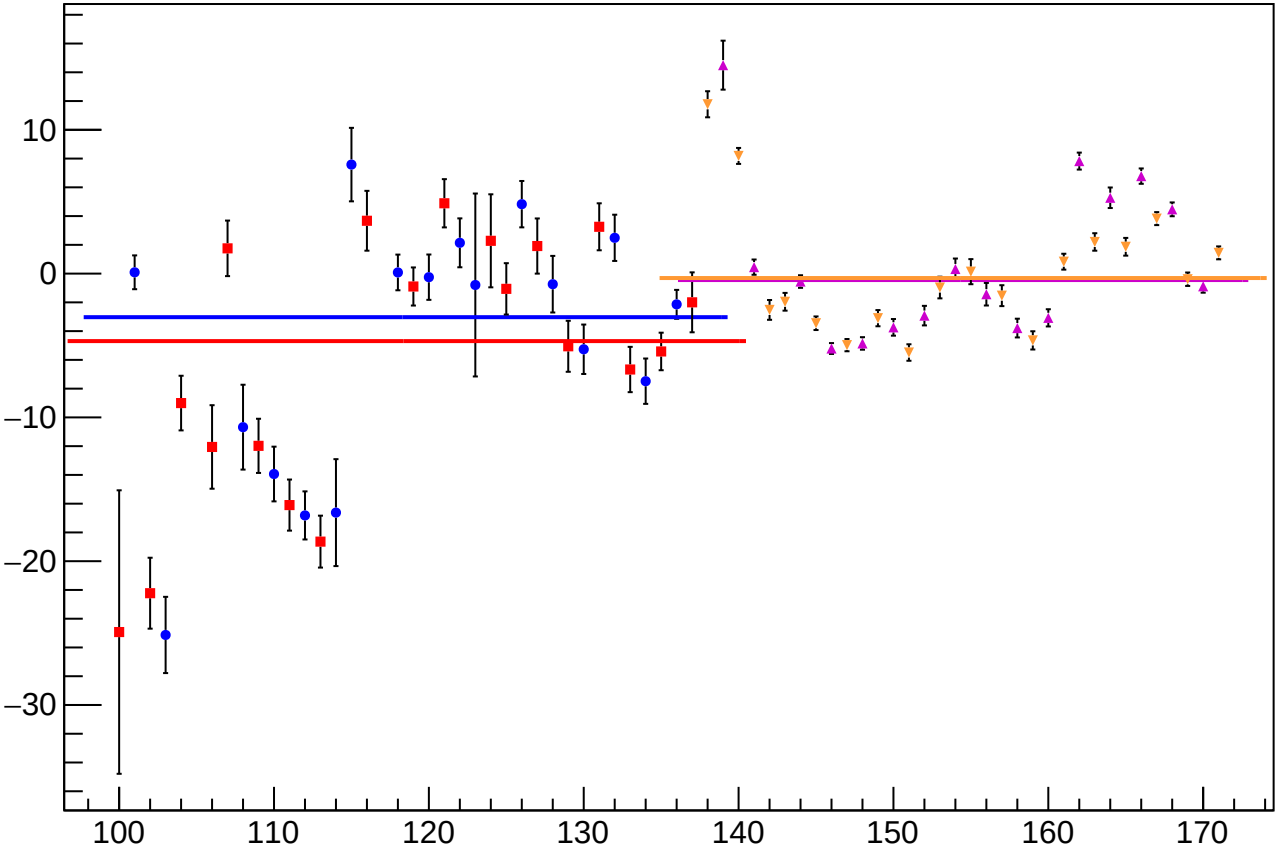
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.967+/-0.189 χ^2/NDF:2091.5/15

Out: -18.853+/-0.185 χ^2/NDF:2077.9/17

All: -18.421+/-0.132 χ^2/NDF: 4180.6/33

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: -0.308+/-0.134 χ^2/NDF:882.8/17

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -0.448+/-0.137 χ^2/NDF:985.0/15

Left: -0.376+/-0.096 χ^2/NDF: 1868.4/33

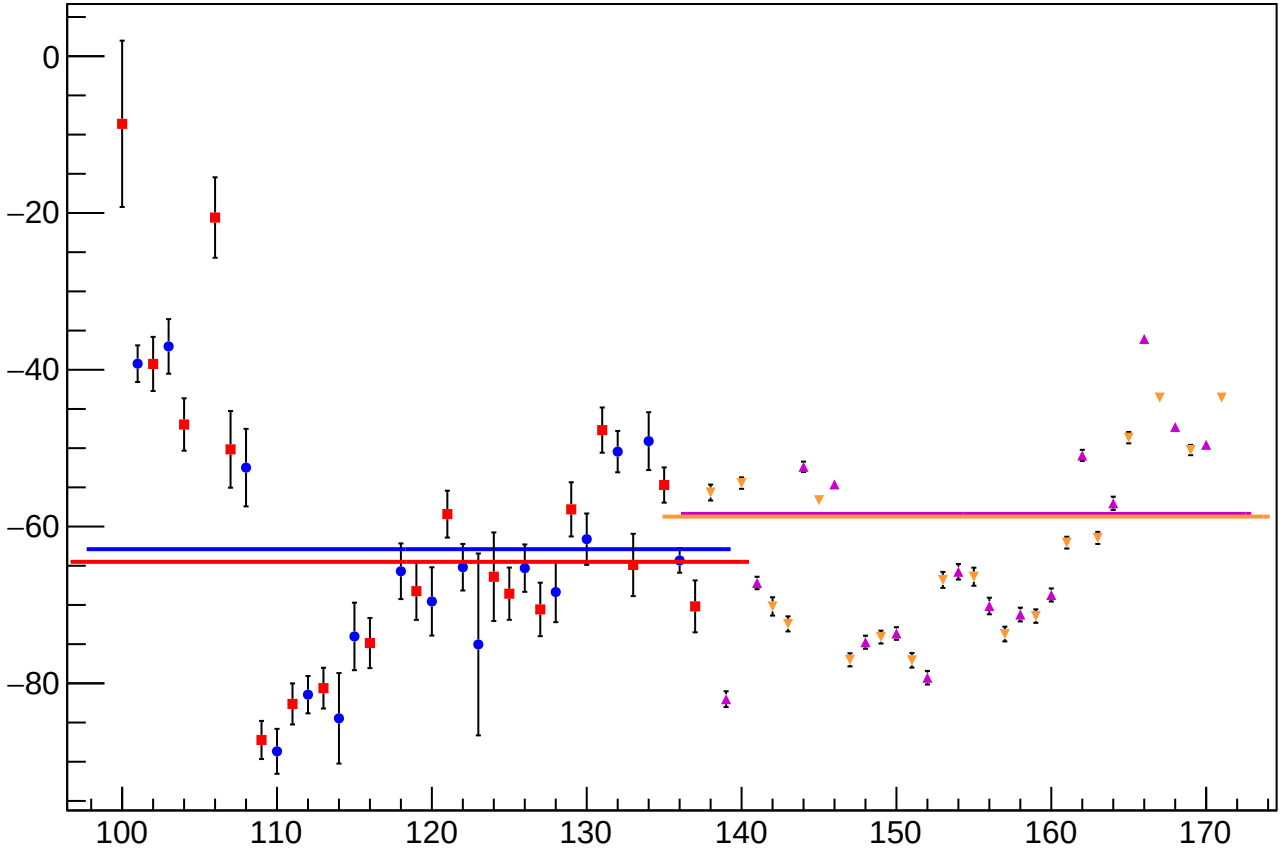
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -0.712+/-0.130 χ^2/NDF:1301.9/32

Out: -0.701+/-0.128 χ^2/NDF:1277.3/36

All: -0.706+/-0.091 χ^2/NDF: 2579.2/69

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: -58.733+/-0.184 χ^2/NDF:3976.6/17

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -58.389+/-0.187 χ^2/NDF:4734.9/15

Left: -58.564+/-0.131 χ^2/NDF: 8713.2/33

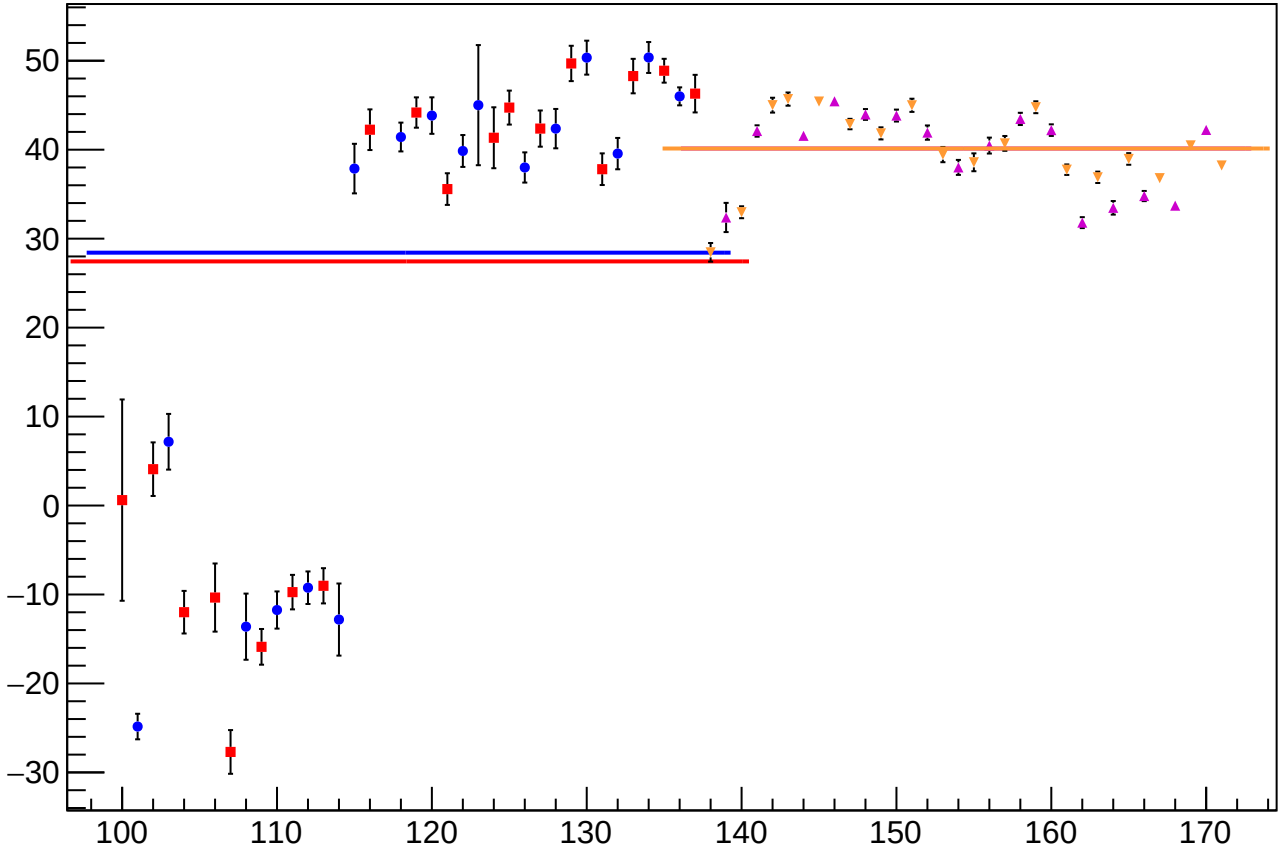
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -58.660+/-0.181 χ^2/NDF:5138.5/32

Out: -59.060+/-0.179 χ^2/NDF:4476.3/36

All: -58.863+/-0.127 χ^2/NDF: 9617.3/69

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: 40.133+/-0.154 χ^2/NDF:650.0/17

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 40.131+/-0.159 χ^2/NDF:776.4/15

Left: 40.132+/-0.111 χ^2/NDF: 1426.5/33

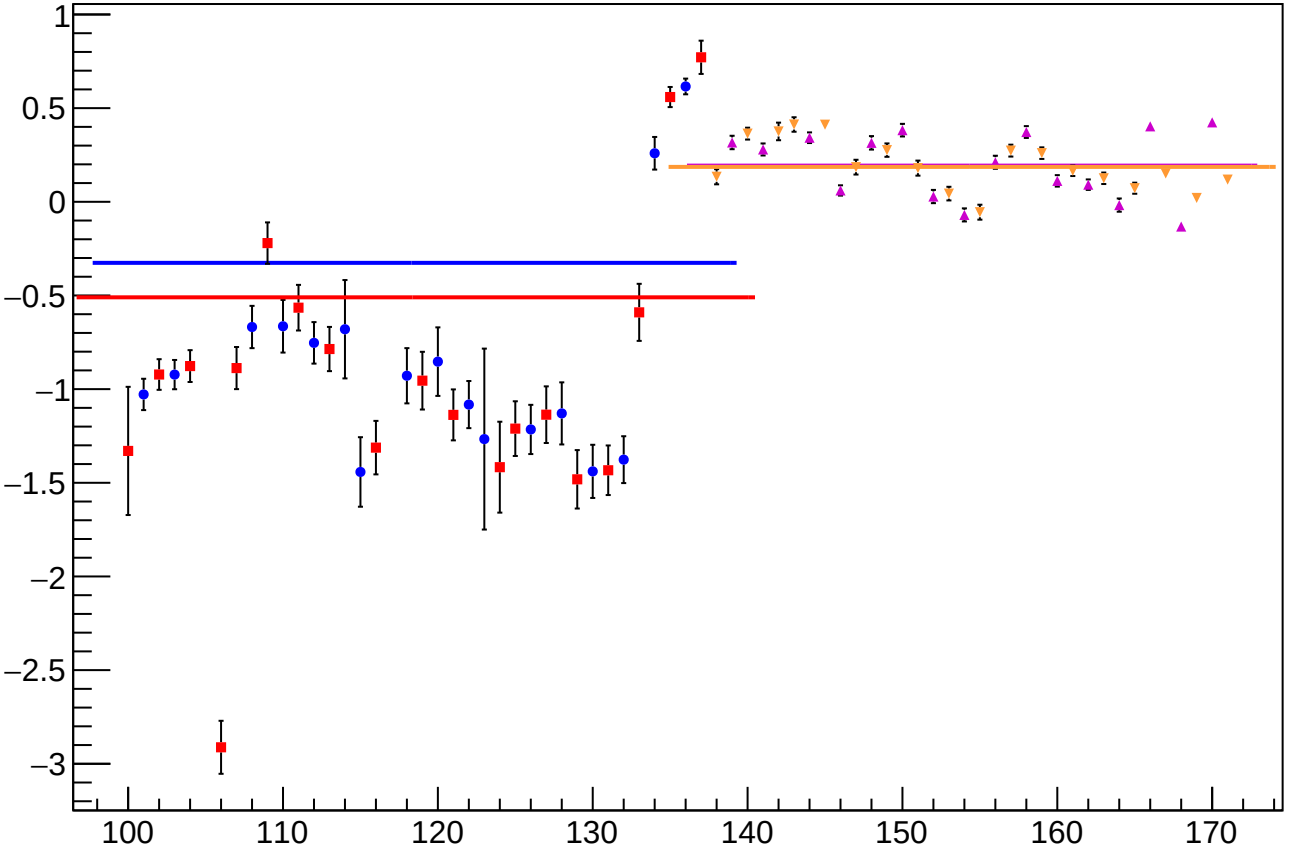
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 38.865+/-0.150 χ^2/NDF:4691.7/32

Out: 38.940+/-0.147 χ^2/NDF:4320.0/36

All: 38.903+/-0.105 χ^2/NDF: 9011.8/69

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: 0.186+/-0.007 χ^2/NDF:321.0/17

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.193+/-0.007 χ^2/NDF:677.7/15

Left: 0.190+/-0.005 χ^2/NDF: 999.1/33

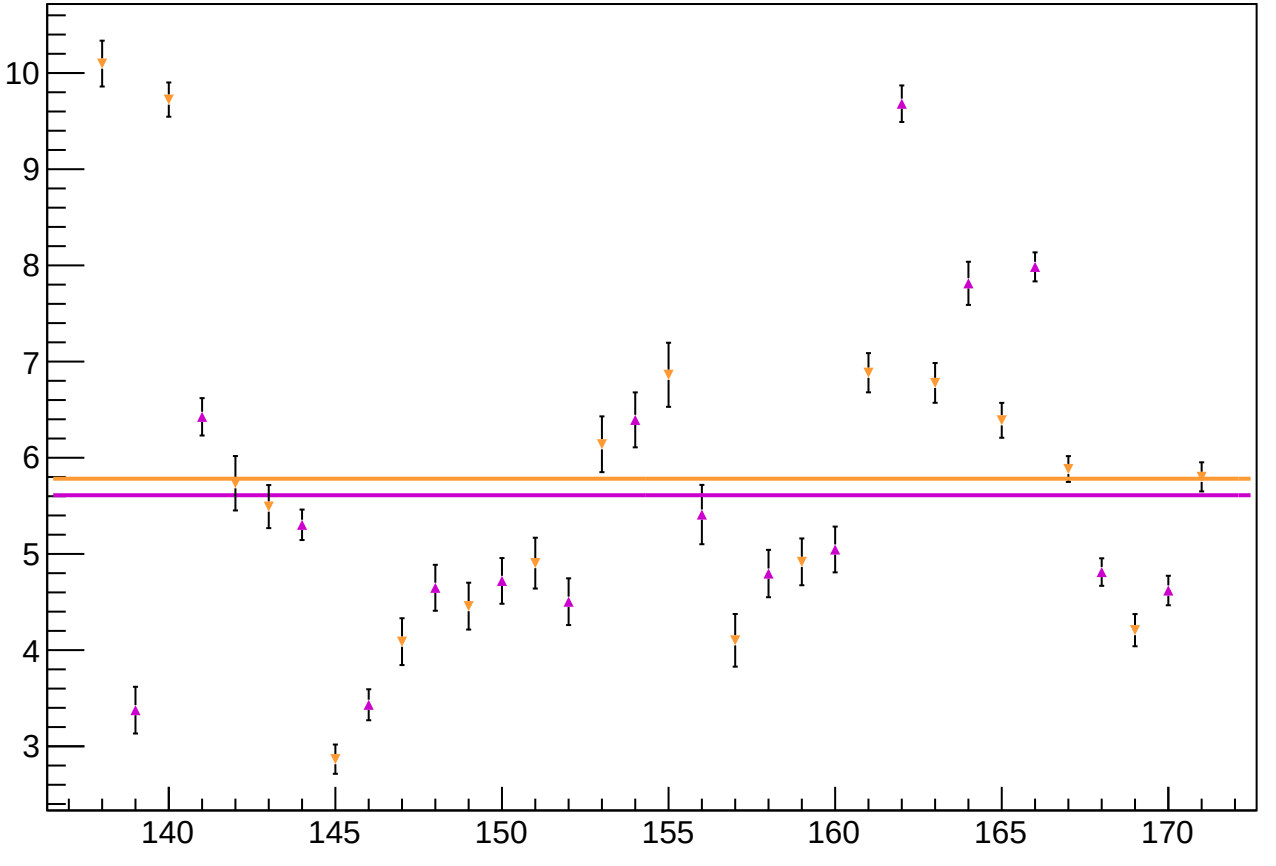
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.151+/-0.007 χ^2/NDF:2090.0/32

Out: 0.136+/-0.007 χ^2/NDF:2171.4/36

All: 0.143+/-0.005 χ^2/NDF: 4263.6/69

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: 5.782+/-0.048 χ^2/NDF:1491.2/17

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

Left In: 5.610+/-0.049 χ^2/NDF:1240.9/15

Left: 5.699+/-0.034 χ^2/NDF: 2738.4/33

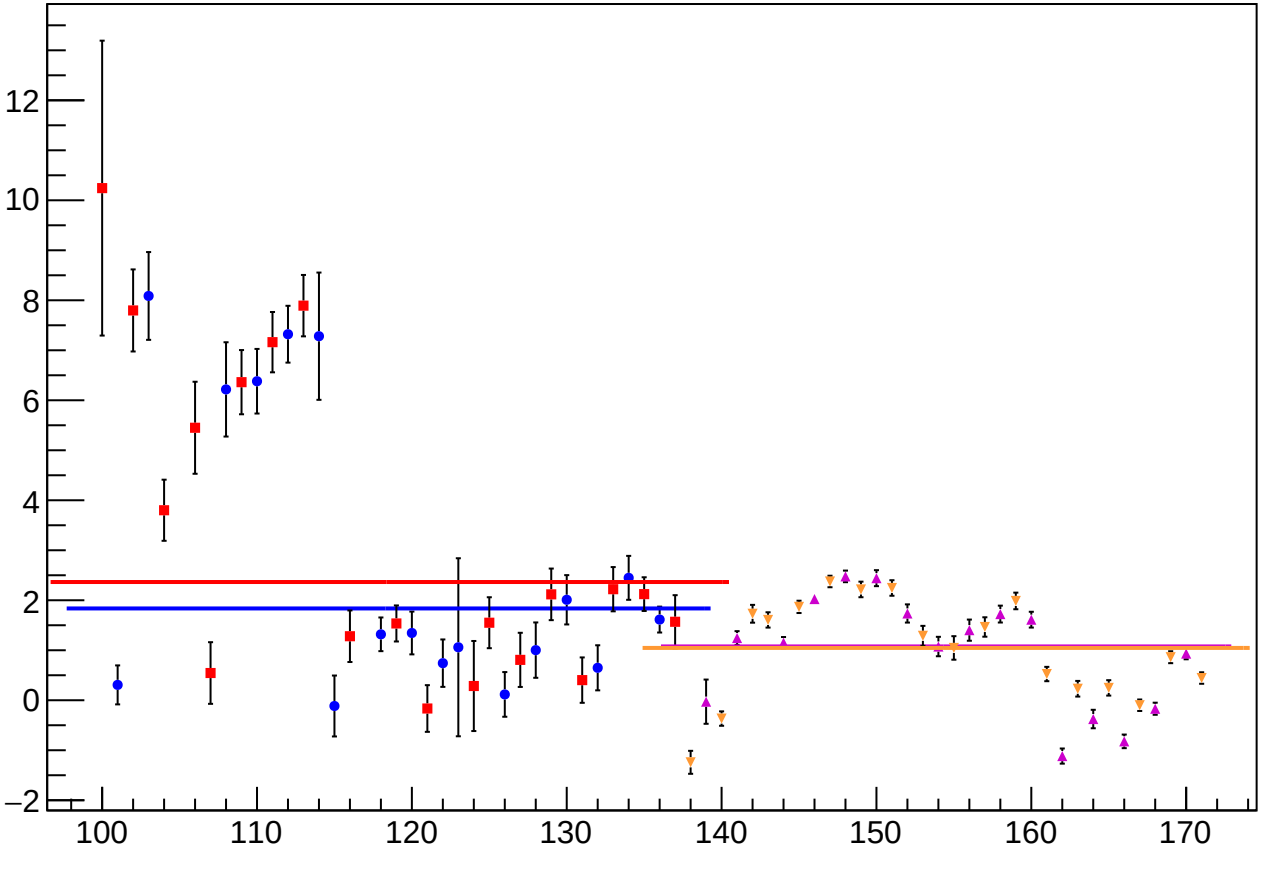
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.610+/-0.049 χ^2/NDF:1240.9/15

Out: 5.782+/-0.048 χ^2/NDF:1491.2/17

All: 5.699+/-0.034 χ^2/NDF: 2738.4/33

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: 1.047+/-0.035 χ^2/NDF:751.6/17

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.077+/-0.036 χ^2/NDF:935.6/15

Left: 1.061+/-0.025 χ^2/NDF: 1687.6/33

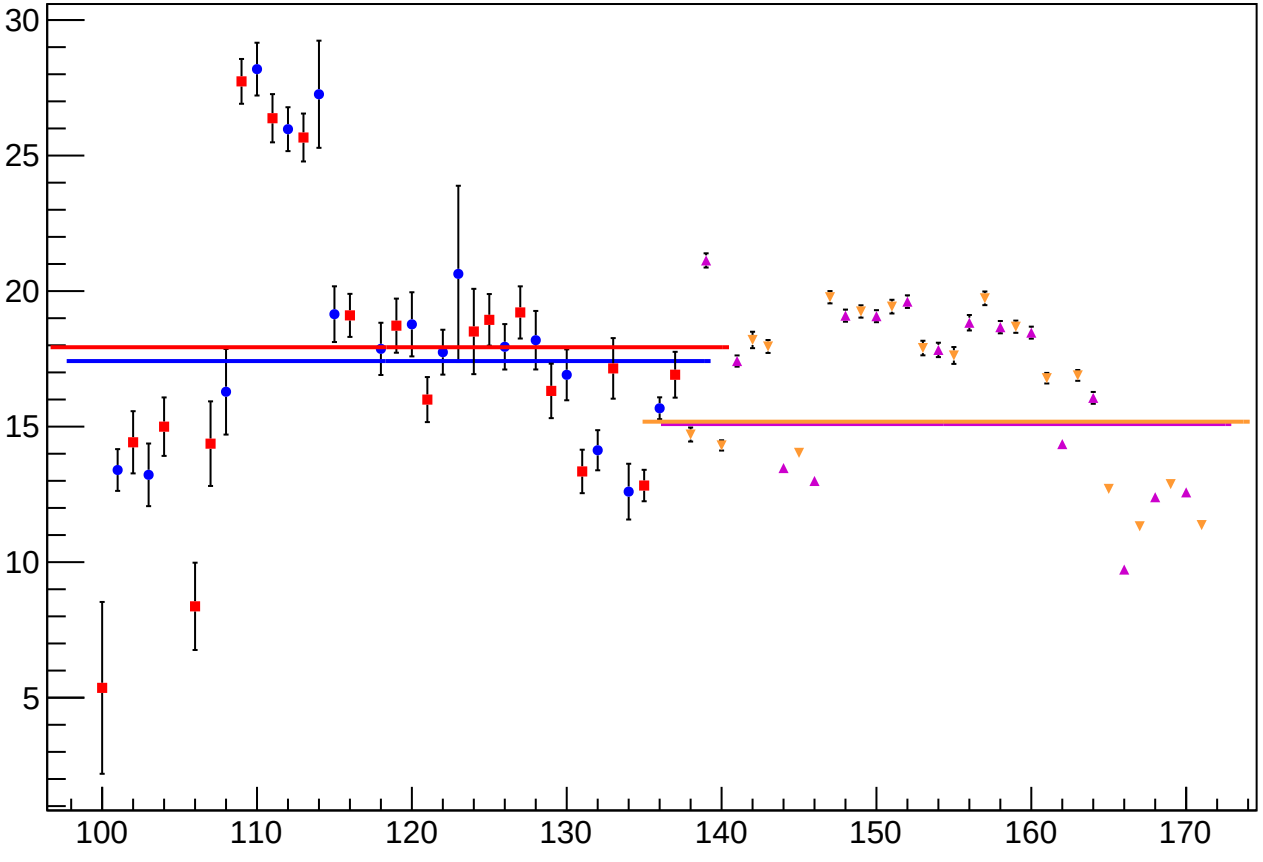
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.143+/-0.034 χ^2/NDF:1269.6/32

Out: 1.145+/-0.034 χ^2/NDF:1194.9/36

All: 1.144+/-0.024 χ^2/NDF: 2464.5/69

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: 15.182+/-0.048 χ^2/NDF:3986.4/17

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 15.094+/-0.049 χ^2/NDF:4577.7/15

Left: 15.139+/-0.034 χ^2/NDF: 8565.7/33

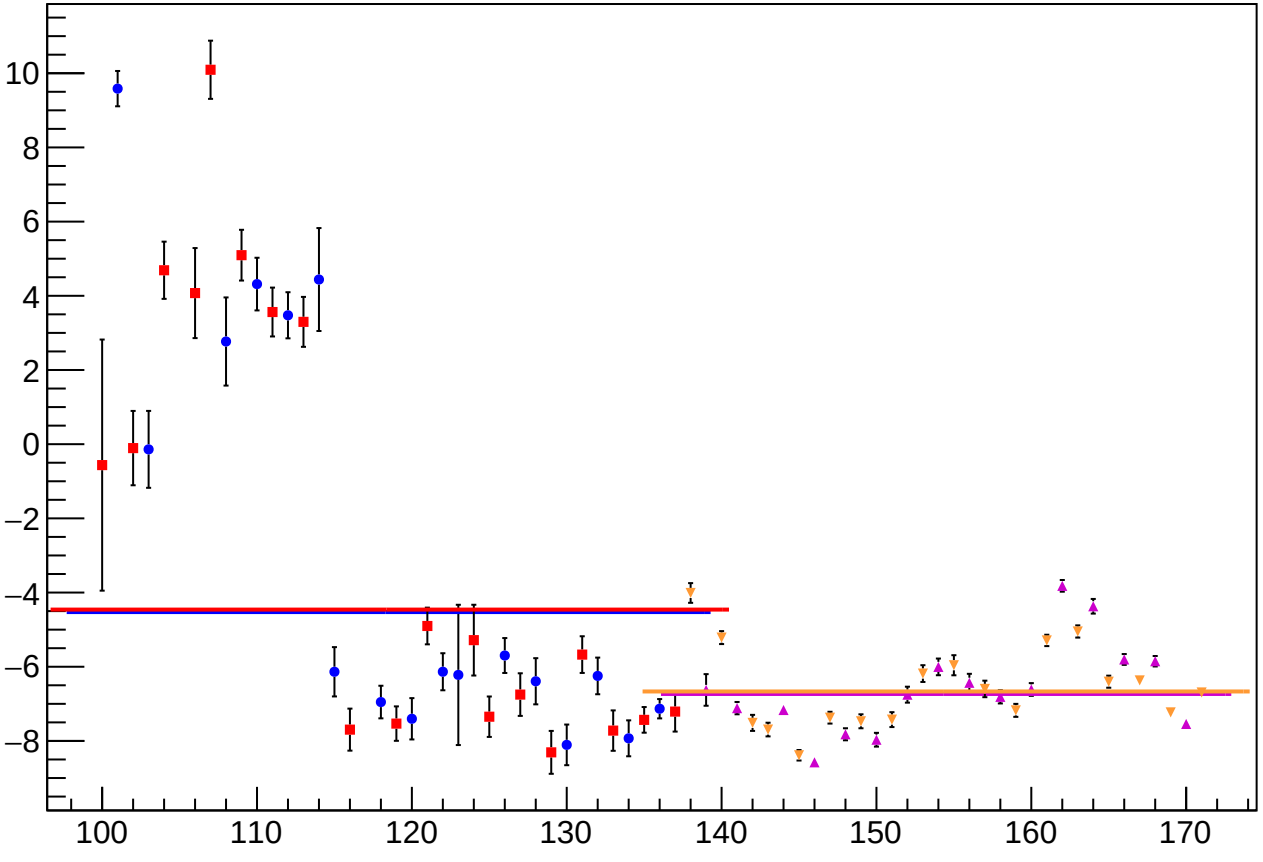
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 15.211+/-0.047 χ^2/NDF:5059.0/32

Out: 15.307+/-0.047 χ^2/NDF:4643.0/36

All: 15.260+/-0.033 χ^2/NDF: 9704.1/69

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: -6.666+/-0.040 χ^2/NDF:637.3/17

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.733+/-0.041 χ^2/NDF:945.1/15

Left: -6.699+/-0.029 χ^2/NDF: 1583.7/33

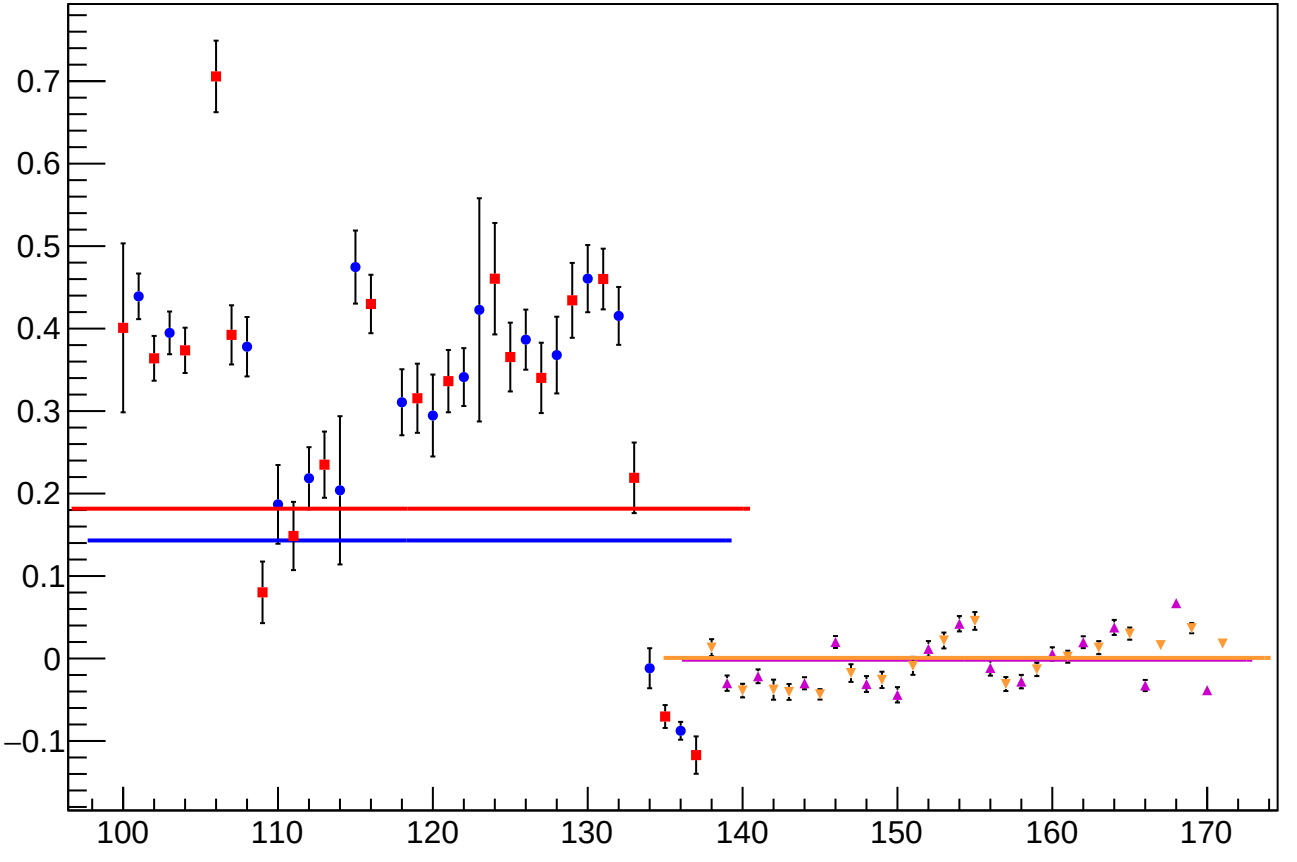
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.528+/-0.039 χ^2/NDF:2798.8/32

Out: -6.492+/-0.038 χ^2/NDF:2215.4/36

All: -6.510+/-0.028 χ^2/NDF: 5014.6/69

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: 0.001+/-0.002 χ^2/NDF:222.0/17

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.001+/-0.002 χ^2/NDF:353.5/15

Left: -0.000+/-0.001 χ^2/NDF: 576.2/33

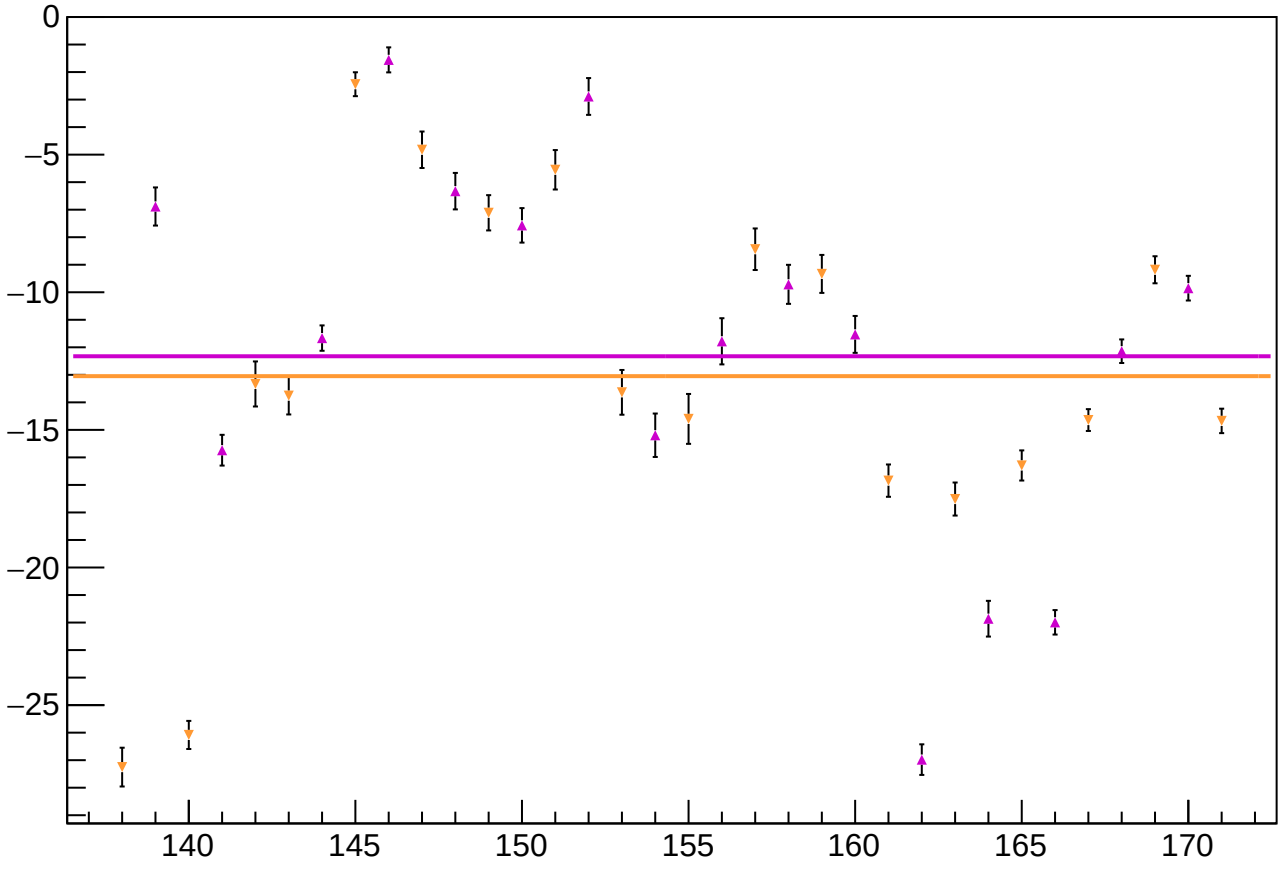
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.009+/-0.002 χ^2/NDF:1805.0/32

Out: 0.012+/-0.002 χ^2/NDF:1794.1/36

All: 0.010+/-0.001 χ^2/NDF: 3600.3/69

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: -13.048+/-0.138 χ^2/NDF:2299.0/17

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

Left In: -12.325+/-0.141 χ^2/NDF:2444.3/15

Left: -12.695+/-0.099 χ^2/NDF: 4756.7/33

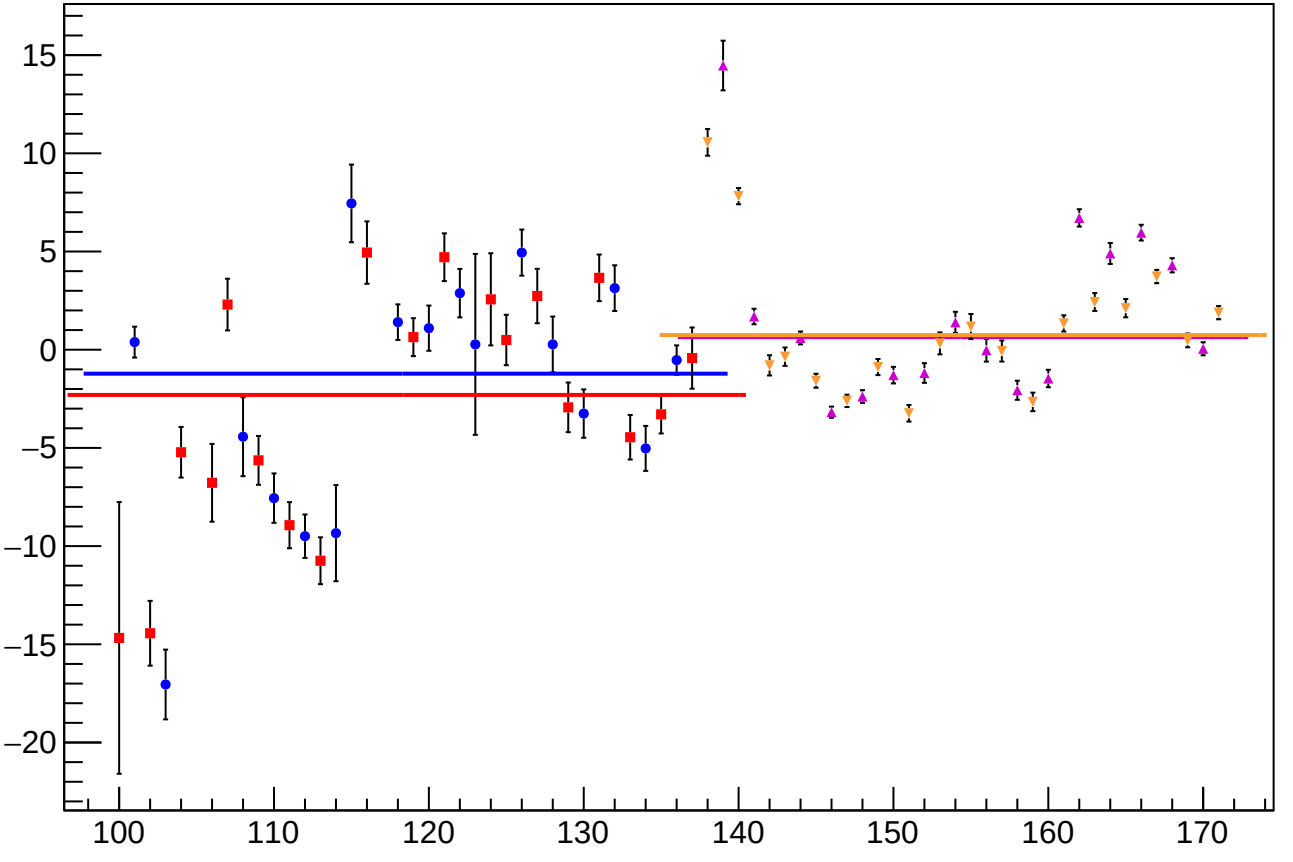
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.325+/-0.141 χ^2/NDF:2444.3/15

Out: -13.048+/-0.138 χ^2/NDF:2299.0/17

All: -12.695+/-0.099 χ^2/NDF: 4756.7/33

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: 0.747+/-0.100 χ^2/NDF:944.3/17

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 0.639+/-0.103 χ^2/NDF:1019.8/15

Left: 0.694+/-0.072 χ^2/NDF: 1964.7/33

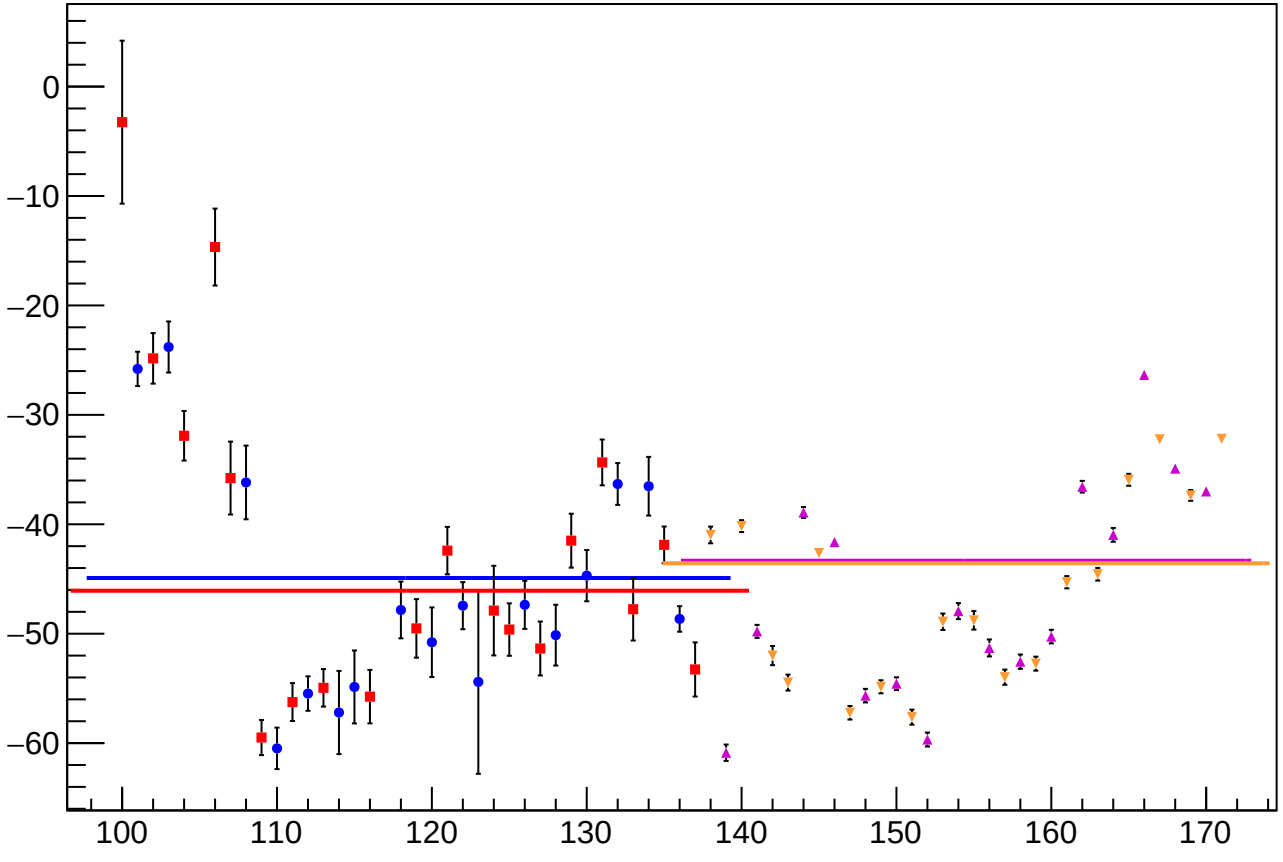
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: 0.433+/-0.097 χ^2/NDF:1335.0/32

Out: 0.447+/-0.095 χ^2/NDF:1322.1/36

All: 0.440+/-0.068 χ^2/NDF: 2657.1/69

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: -43.566+/-0.137 χ^2/NDF:3947.7/17

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -43.330+/-0.139 χ^2/NDF:4799.6/15

Left: -43.449+/-0.098 χ^2/NDF: 8748.7/33

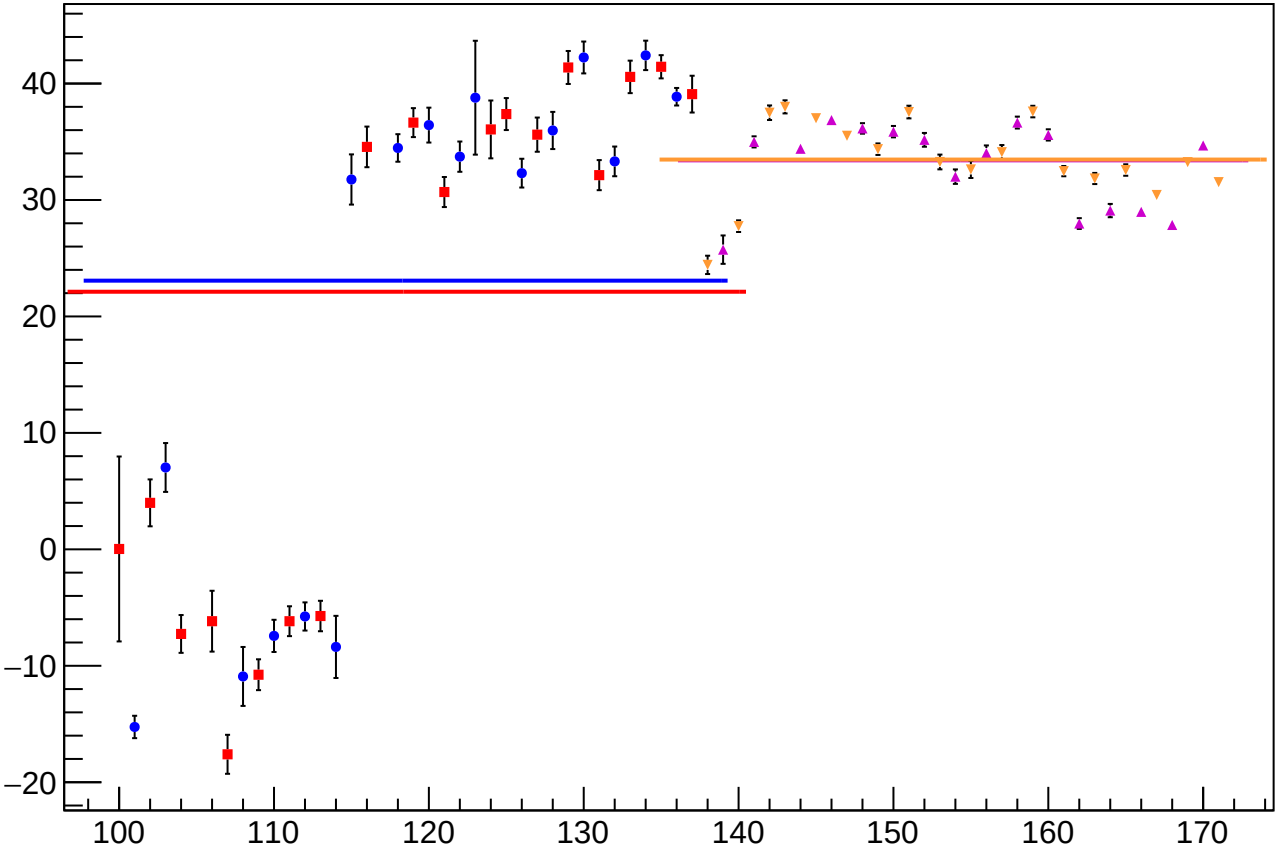
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -43.434+/-0.135 χ^2/NDF:5229.3/32

Out: -43.724+/-0.133 χ^2/NDF:4422.7/36

All: -43.581+/-0.095 χ^2/NDF: 9654.4/69

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: 33.472+/-0.115 χ^2/NDF:711.2/17

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 33.404+/-0.119 χ^2/NDF:775.6/15

Left: 33.439+/-0.083 χ^2/NDF: 1487.0/33

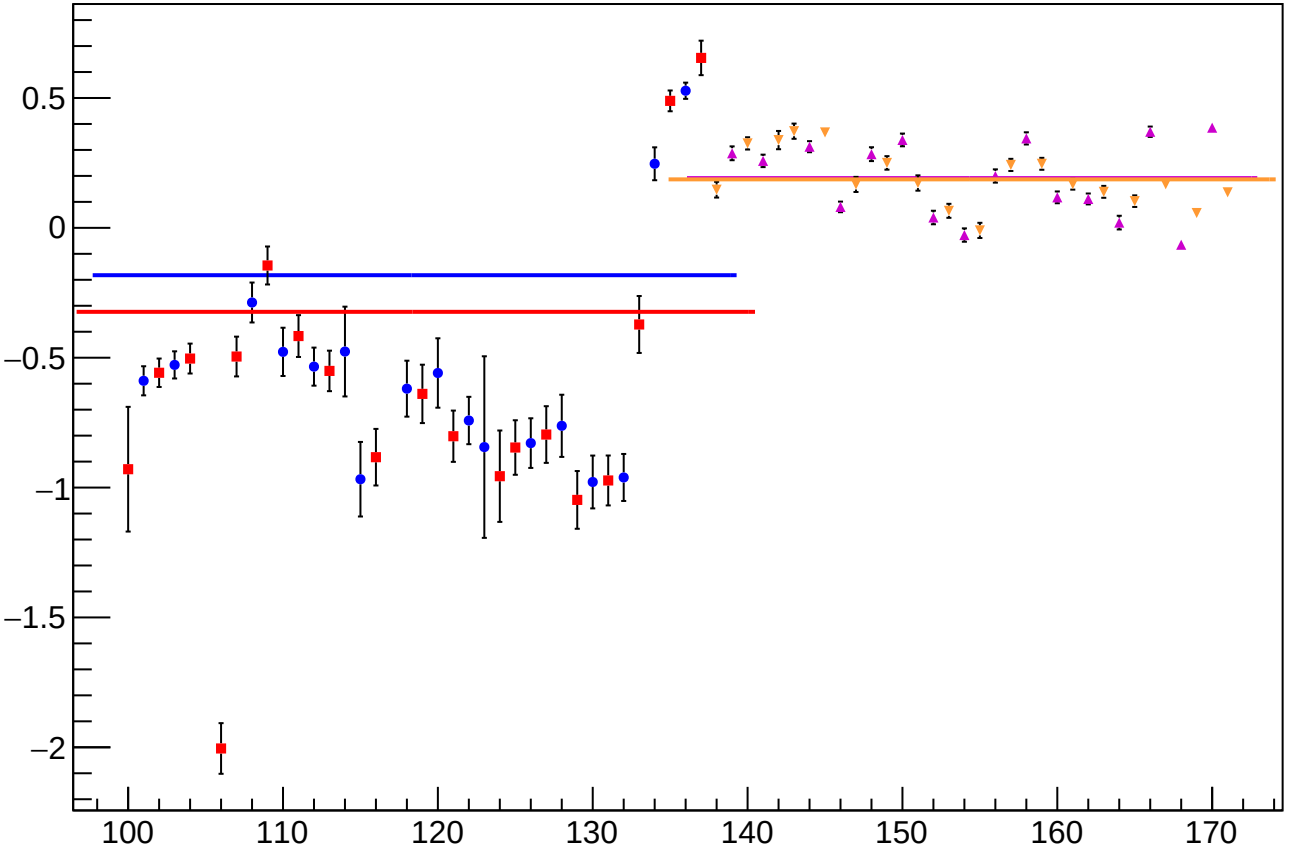
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 32.193+/-0.112 χ^2/NDF:6008.2/32

Out: 32.305+/-0.109 χ^2/NDF:5746.1/36

All: 32.250+/-0.078 χ^2/NDF: 11754.8/69

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: 0.187+/-0.005 χ^2/NDF:360.5/17

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.192+/-0.006 χ^2/NDF:811.2/15

Left: 0.189+/-0.004 χ^2/NDF: 1172.2/33

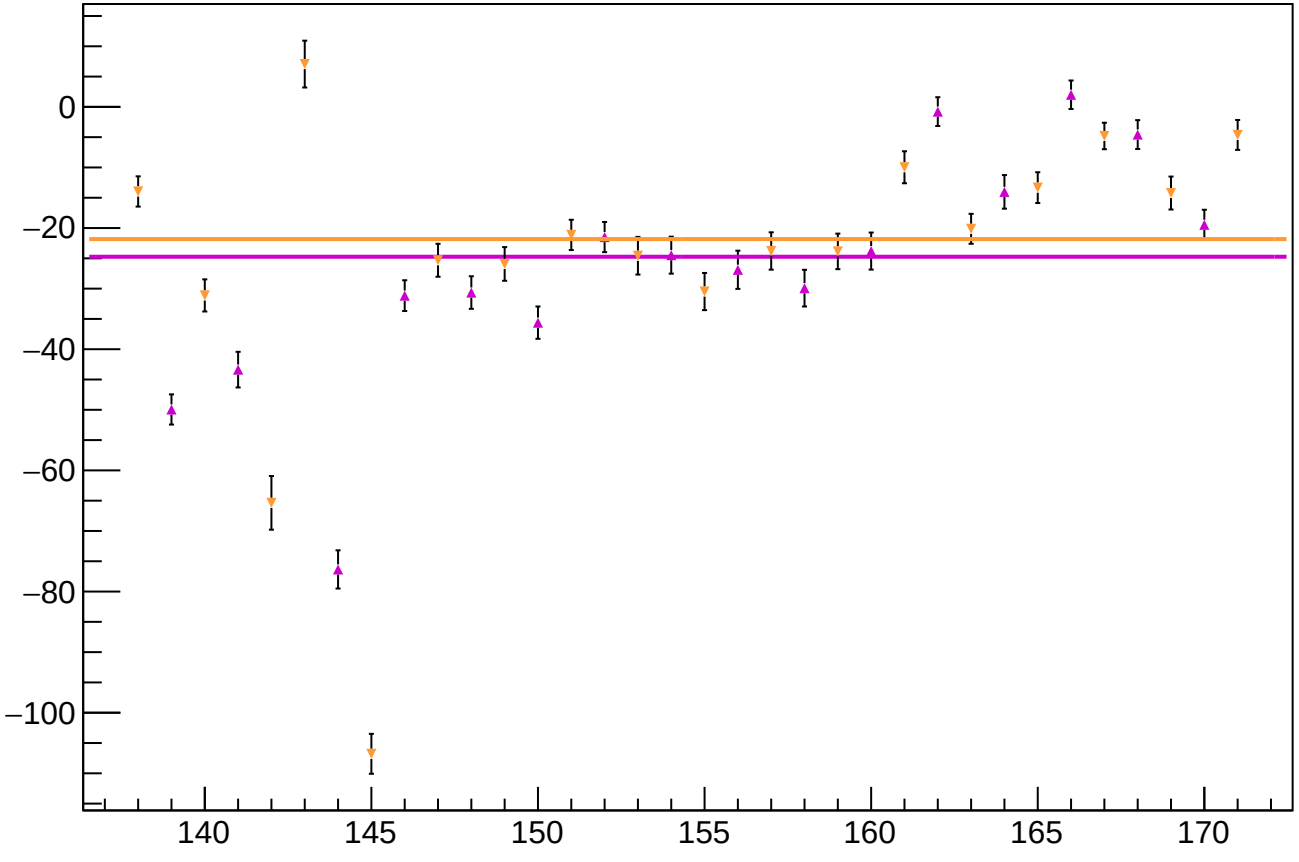
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.158+/-0.005 χ^2/NDF:2214.8/32

Out: 0.146+/-0.005 χ^2/NDF:2270.7/36

All: 0.152+/-0.004 χ^2/NDF: 4488.4/69

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -21.823+/-0.654 χ^2/NDF:1001.4/17

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

Left In: -24.737+/-0.671 χ^2/NDF:765.4/15

Left: -23.242+/-0.468 χ^2/NDF: 1776.5/33

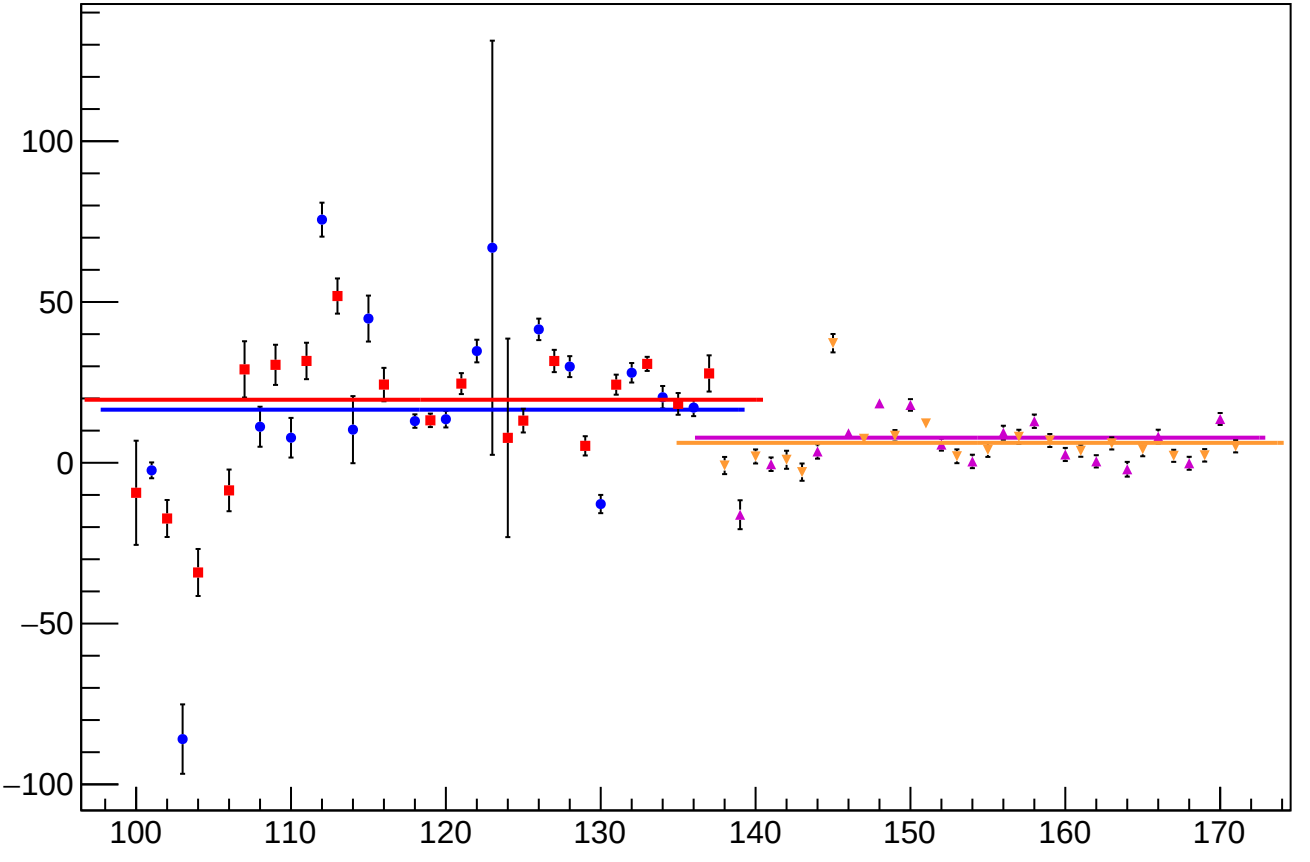
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.737+/-0.671 χ^2/NDF:765.4/15

Out: -21.823+/-0.654 χ^2/NDF:1001.4/17

All: -23.242+/-0.468 χ^2/NDF: 1776.5/33

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 6.201+/-0.465 χ^2/NDF:181.1/17

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 7.806+/-0.486 χ^2/NDF:232.0/15

Left: 6.967+/-0.336 χ^2/NDF: 418.7/33

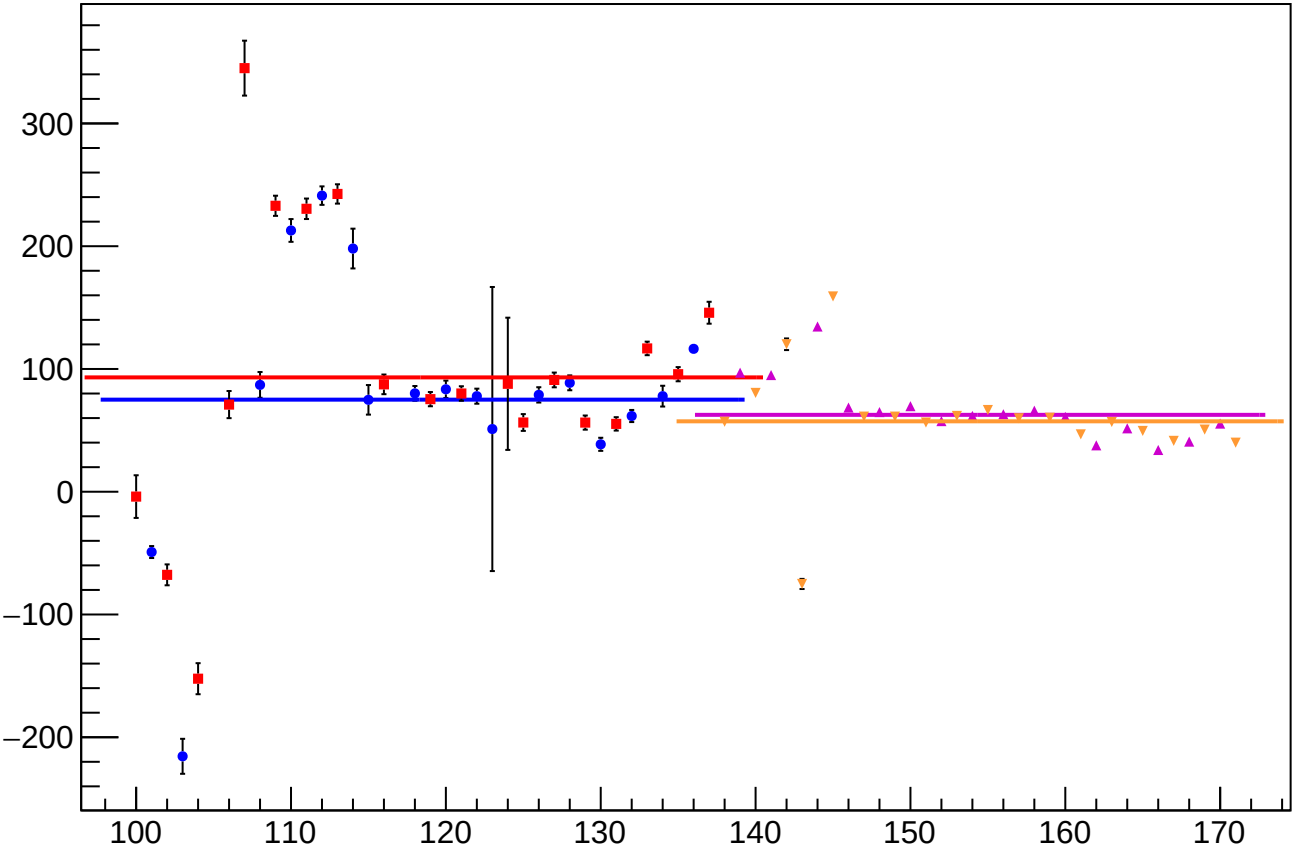
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 9.963+/-0.422 χ^2/NDF:831.0/32

Out: 9.029+/-0.413 χ^2/NDF:598.7/36

All: 9.486+/-0.295 χ^2/NDF: 1432.1/69

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 57.355+/-0.643 χ^2/NDF:2309.2/17

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 62.632+/-0.657 χ^2/NDF:1113.8/15

Left: 59.940+/-0.459 χ^2/NDF: 3456.0/33

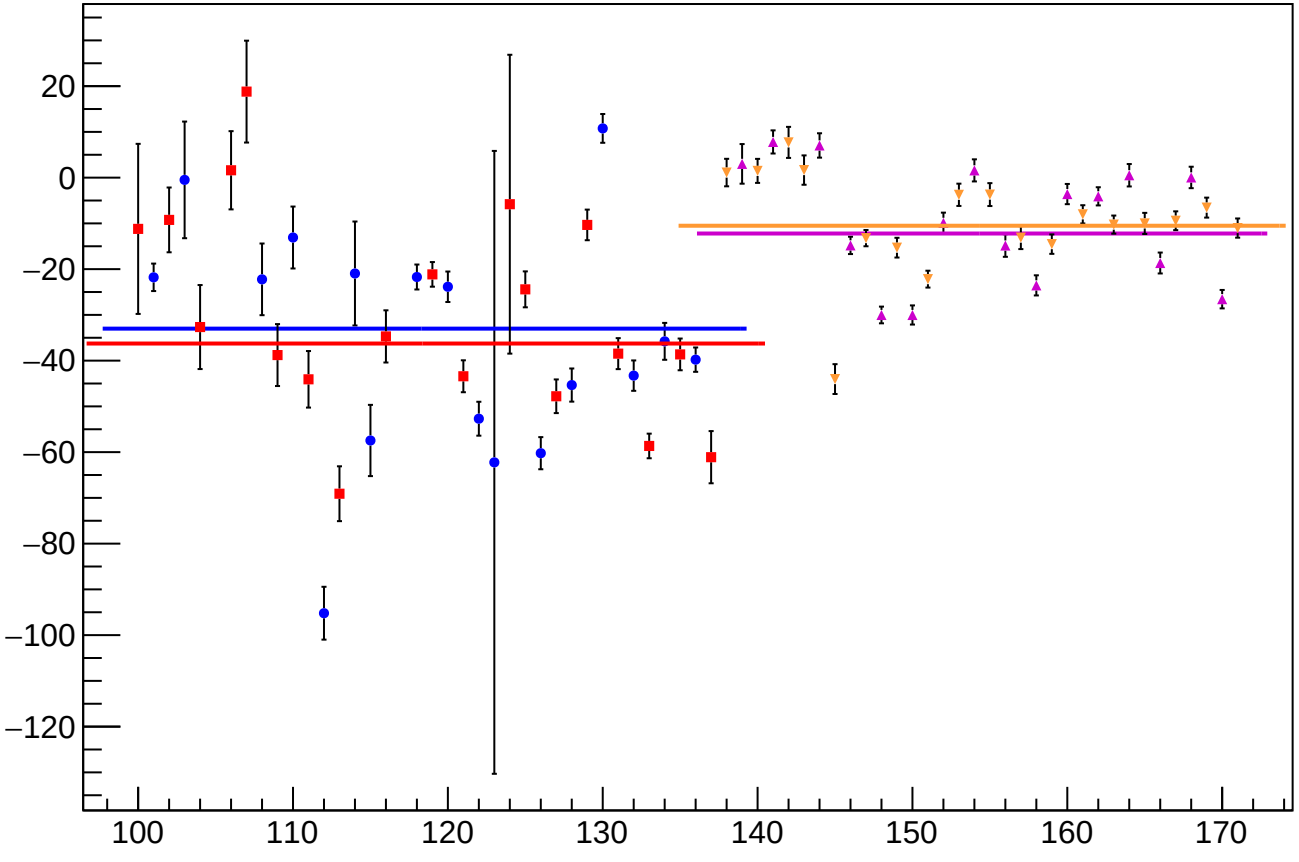
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 64.349+/-0.609 χ^2/NDF:3162.5/32

Out: 61.786+/-0.602 χ^2/NDF:4694.7/36

All: 63.052+/-0.428 χ^2/NDF: 7866.1/69

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.513+/-0.539 χ^2/NDF:257.0/17

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -12.212+/-0.564 χ^2/NDF:502.9/15

Left: -11.325+/-0.390 χ^2/NDF: 764.6/33

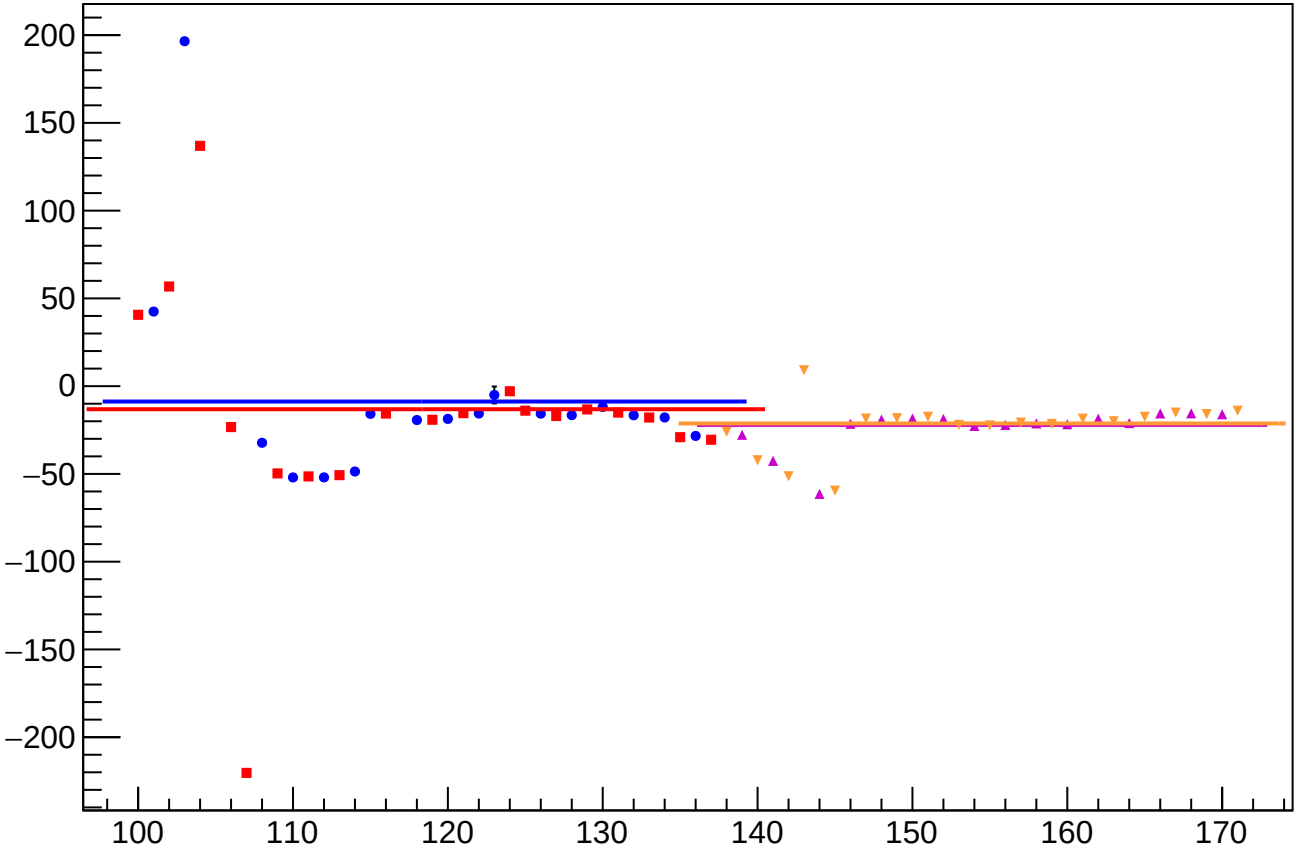
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -17.452+/-0.488 χ^2/NDF:1338.4/32

Out: -16.094+/-0.477 χ^2/NDF:1048.0/36

All: -16.759+/-0.341 χ^2/NDF: 2390.3/69

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -21.246+/-0.025 χ^2/NDF:189507.1/17

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -22.084+/-0.026 χ^2/NDF:119301.5/15

Left: -21.654+/-0.018 χ^2/NDF: 309353.5/33

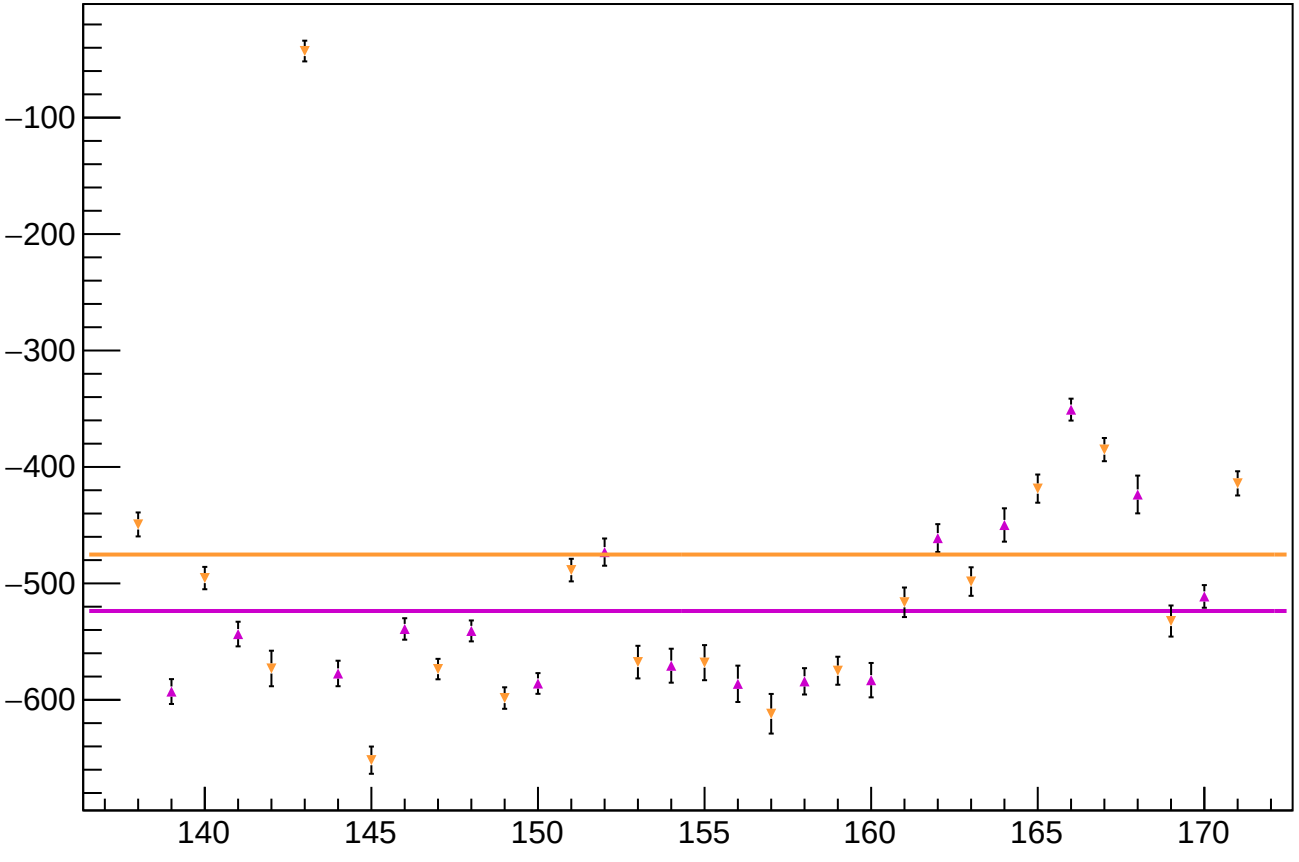
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -19.947+/-0.024 χ^2/NDF:738480.0/32

Out: -20.102+/-0.023 χ^2/NDF:762932.5/36

All: -20.025+/-0.017 χ^2/NDF: 1501434.5/69

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -475.214+/-2.632 χ^2/NDF:3331.3/17

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

Left In: -523.693+/-2.786 χ^2/NDF:646.3/15

Left: -498.079+/-1.913 χ^2/NDF: 4137.5/33

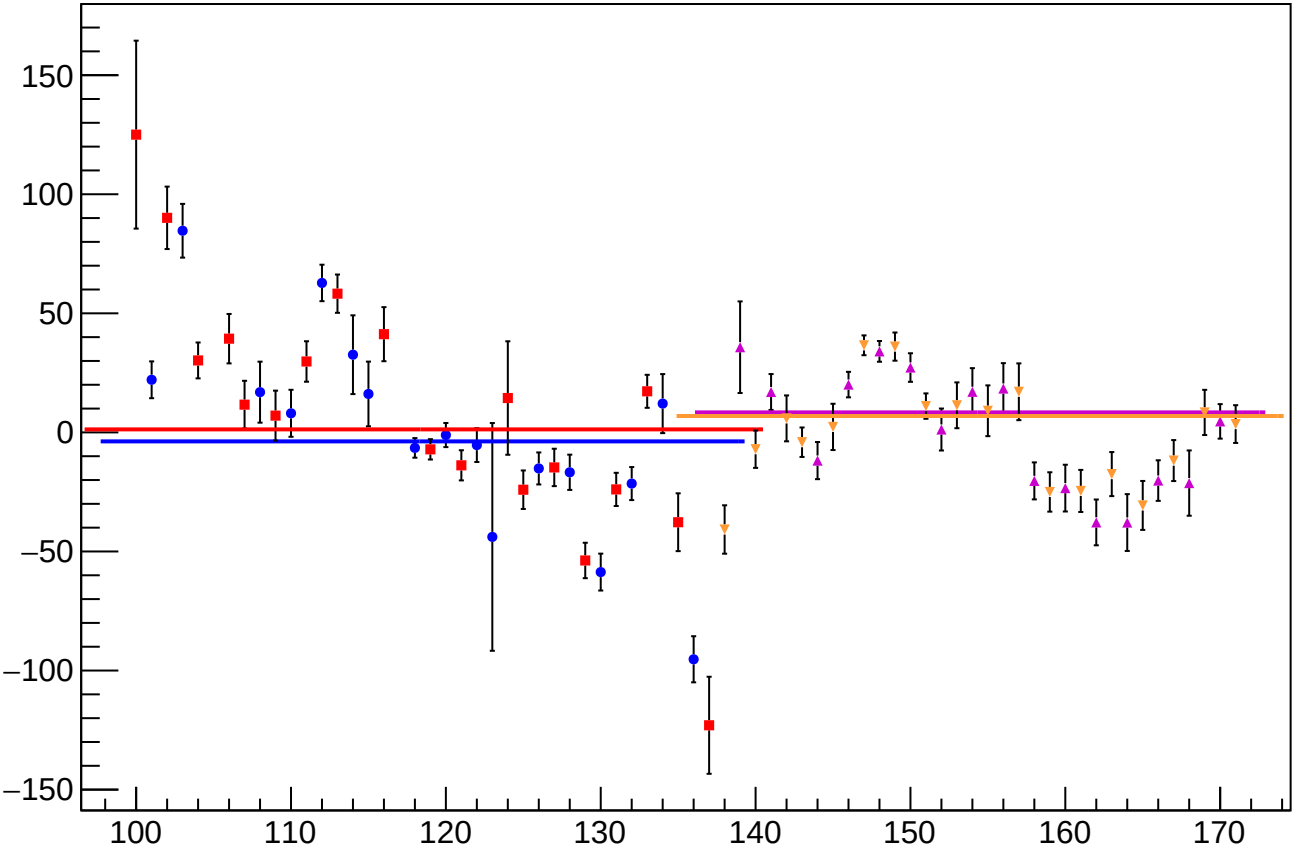
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -523.693+/-2.786 χ^2/NDF:646.3/15

Out: -475.214+/-2.632 χ^2/NDF:3331.3/17

All: -498.079+/-1.913 χ^2/NDF: 4137.5/33

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 6.878+/-1.794 χ^2/NDF:158.1/17

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 8.402+/-1.936 χ^2/NDF:140.2/15

Left: 7.582+/-1.316 χ^2/NDF: 298.6/33

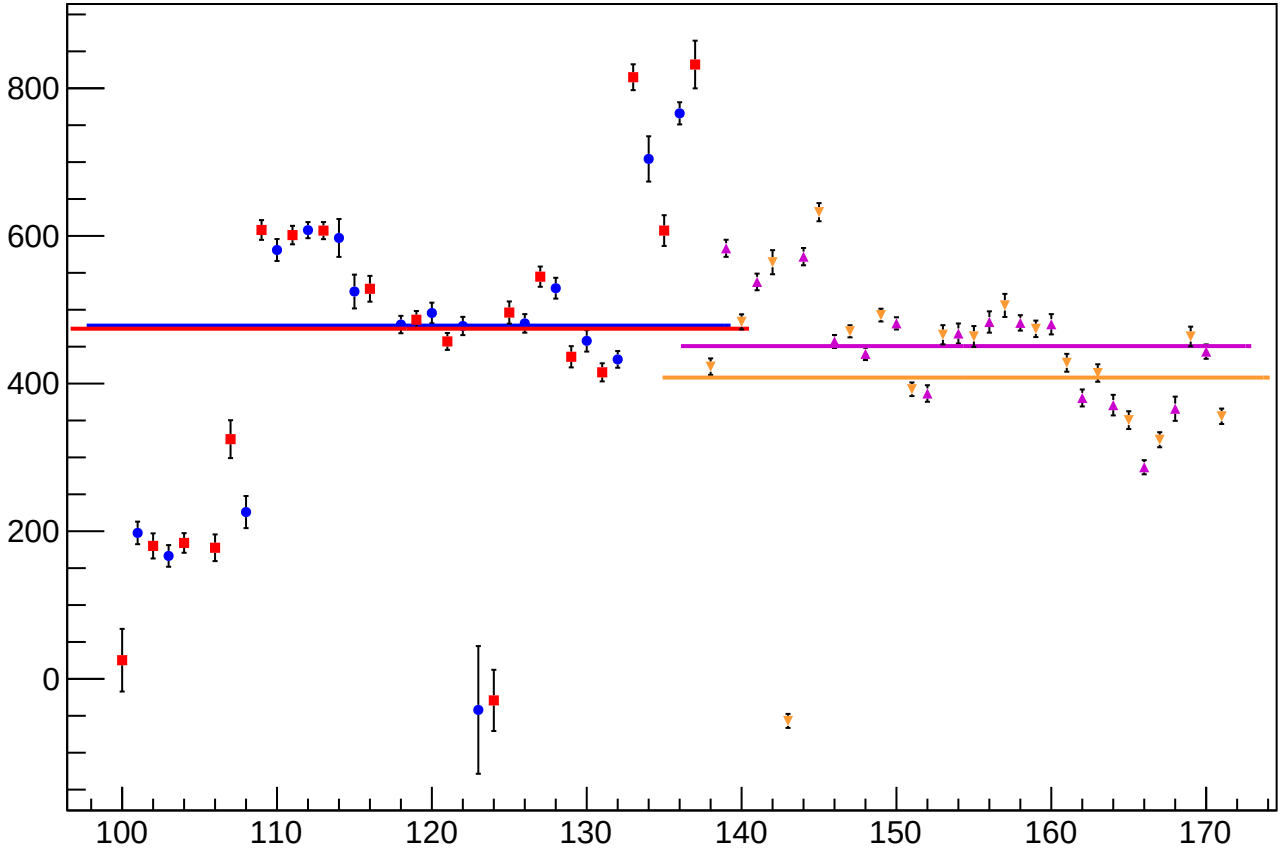
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 2.164+/-1.352 χ^2/NDF:474.8/32

Out: 4.262+/-1.311 χ^2/NDF:466.4/36

All: 3.245+/-0.941 χ^2/NDF: 942.5/69

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 408.123+/-2.605 χ^2/NDF:3279.5/17

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 450.766+/-2.726 χ^2/NDF:757.4/15

Left: 428.472+/-1.883 χ^2/NDF: 4164.8/33

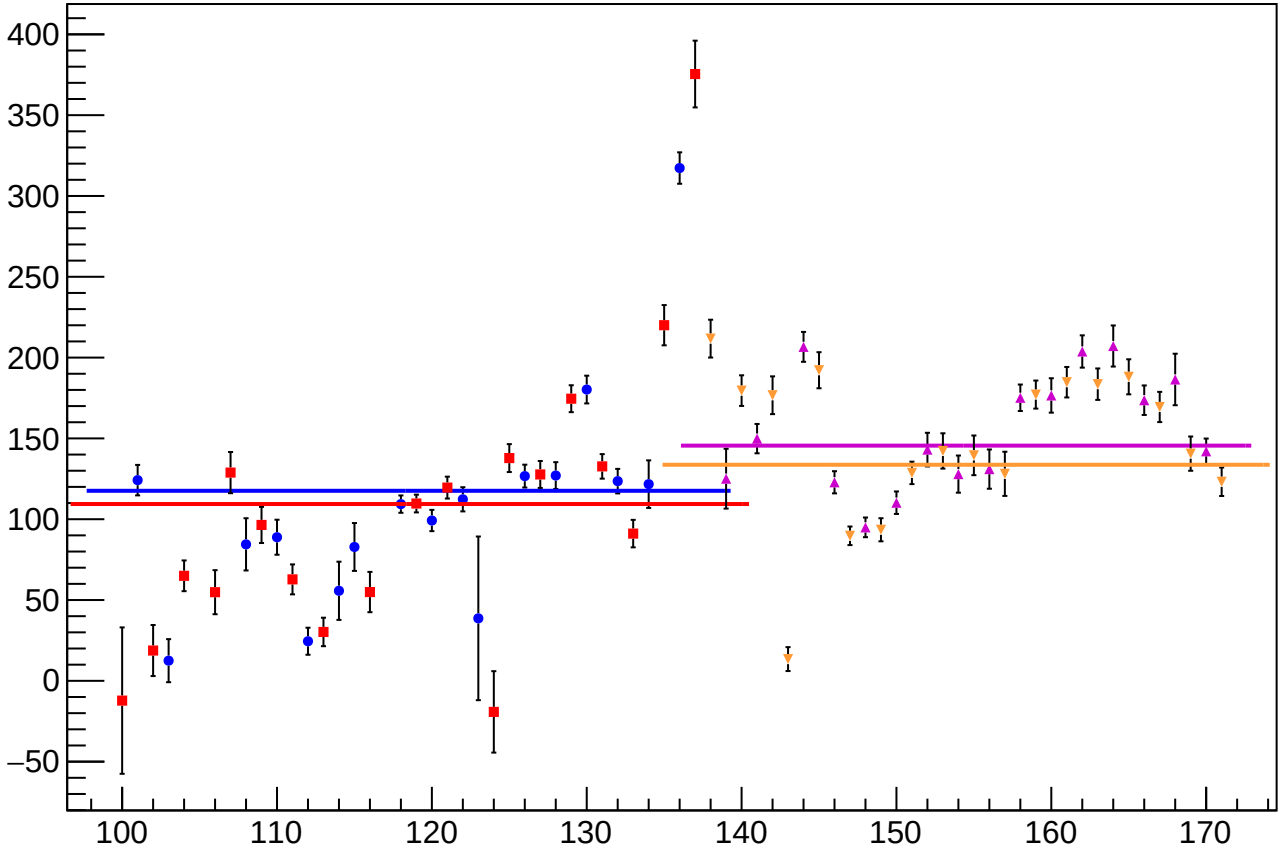
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 460.777+/-2.180 χ^2/NDF:2423.8/32

Out: 431.439+/-2.096 χ^2/NDF:5794.1/36

All: 445.535+/-1.511 χ^2/NDF: 8312.0/69

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 133.680+/-2.132 χ^2/NDF:587.4/17

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 145.535+/-2.287 χ^2/NDF:249.9/15

Left: 139.193+/-1.560 χ^2/NDF: 851.6/33

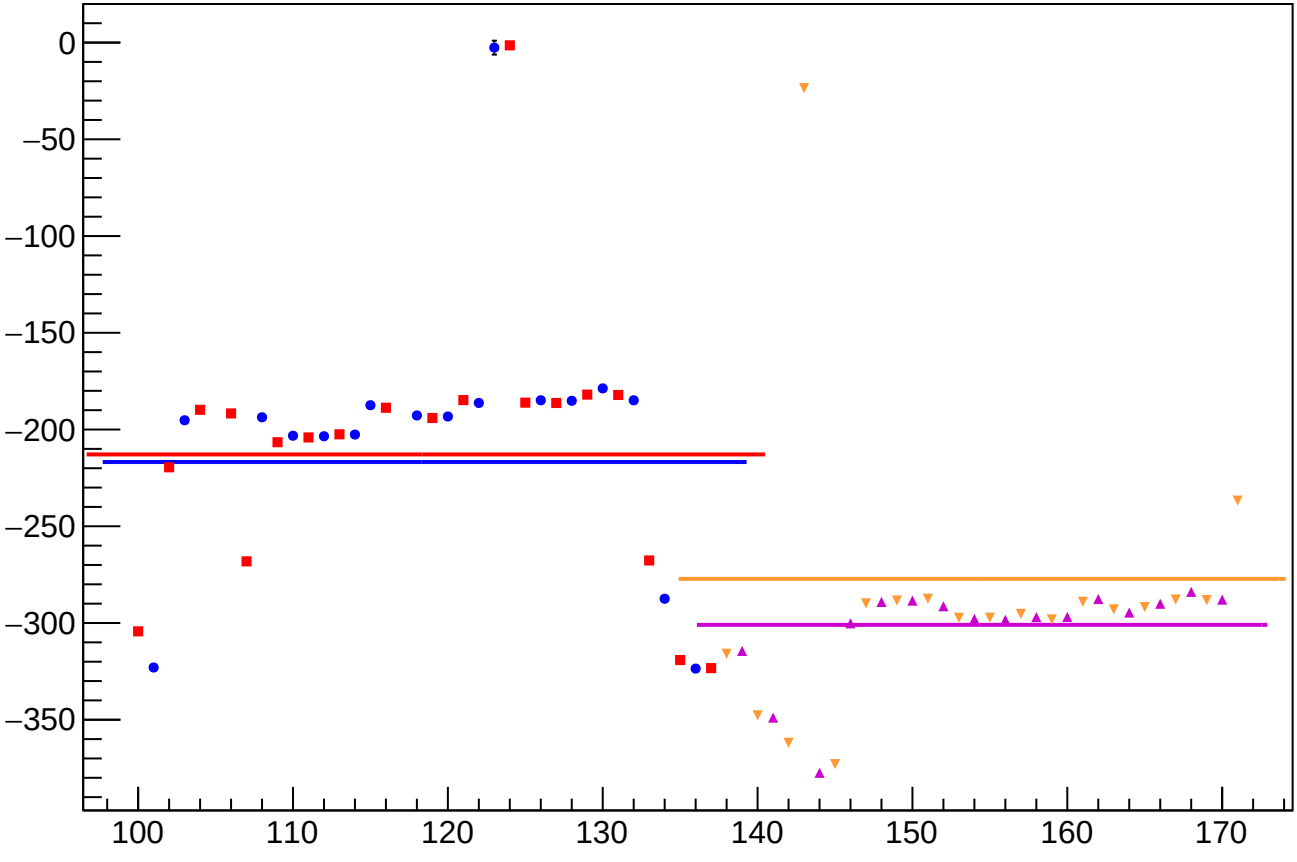
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 130.972+/-1.583 χ^2/NDF:1034.6/32

Out: 121.972+/-1.534 χ^2/NDF:1221.1/36

All: 126.332+/-1.102 χ^2/NDF: 2272.3/69

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -277.178+/-0.104 χ^2/NDF:559116.7/17

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -300.958+/-0.109 χ^2/NDF:41206.1/15

Left: -288.524+/-0.075 χ^2/NDF: 625392.3/33

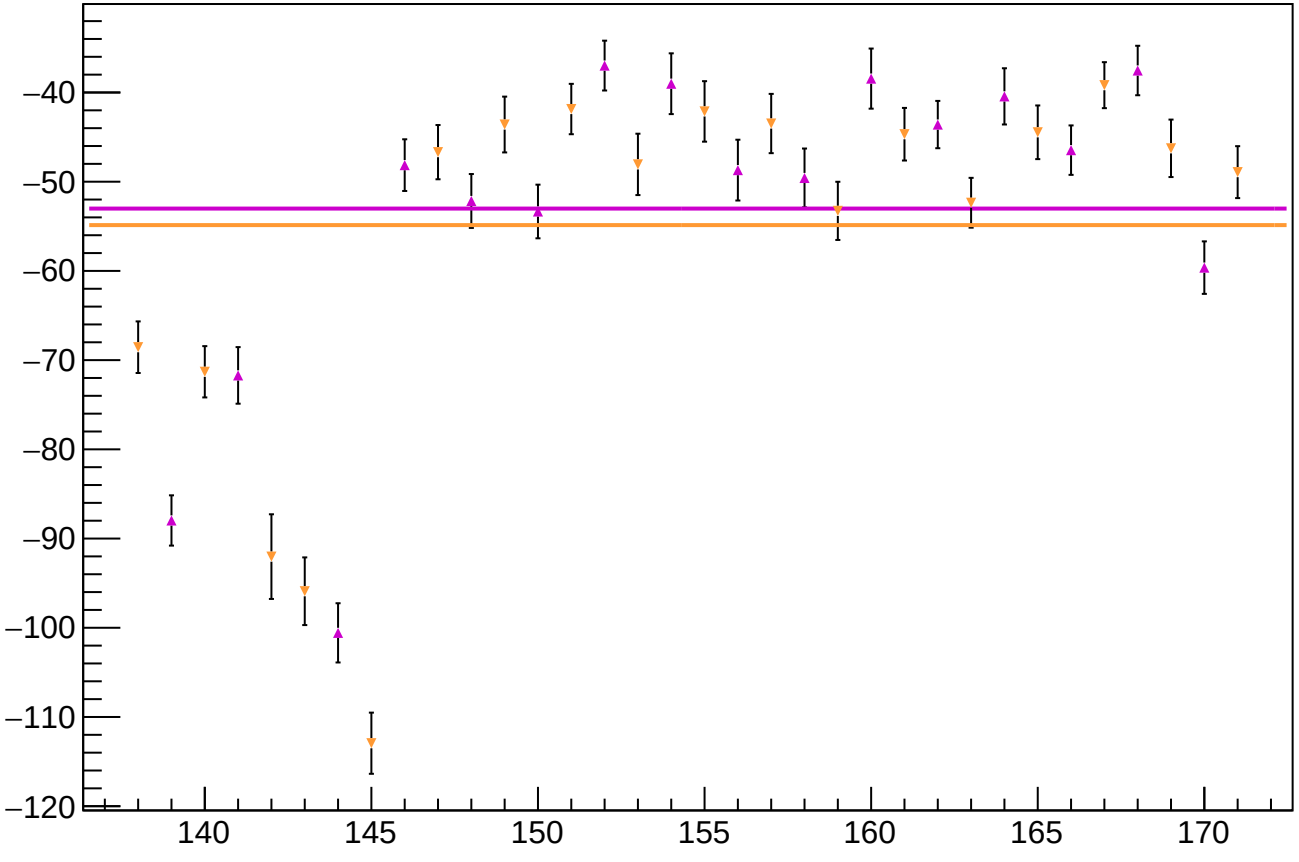
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -268.084+/-0.085 χ^2/NDF:422760.0/32

Out: -252.192+/-0.081 χ^2/NDF:824796.8/36

All: -259.788+/-0.059 χ^2/NDF: 1265898.8/69

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -54.865+/-0.735 χ^2/NDF:665.0/17

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

Left In: -53.012+/-0.755 χ^2/NDF:538.4/15

Left: -53.963+/-0.527 χ^2/NDF: 1206.5/33

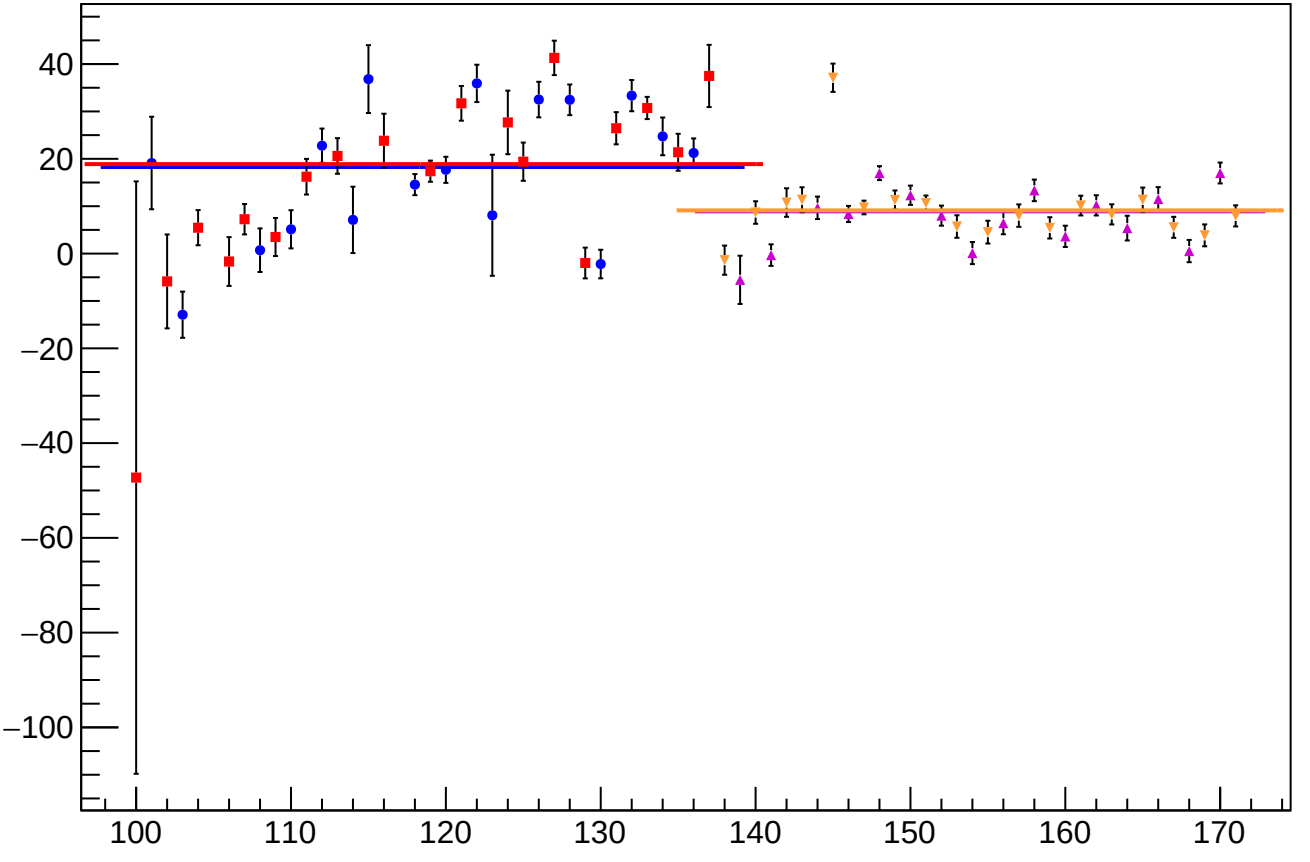
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -53.012+/-0.755 χ^2/NDF:538.4/15

Out: -54.865+/-0.735 χ^2/NDF:665.0/17

All: -53.963+/-0.527 χ^2/NDF: 1206.5/33

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.120+/-0.521 χ^2/NDF:121.0/17

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 8.919+/-0.547 χ^2/NDF:112.0/15

Left: 9.024+/-0.377 χ^2/NDF: 233.1/33

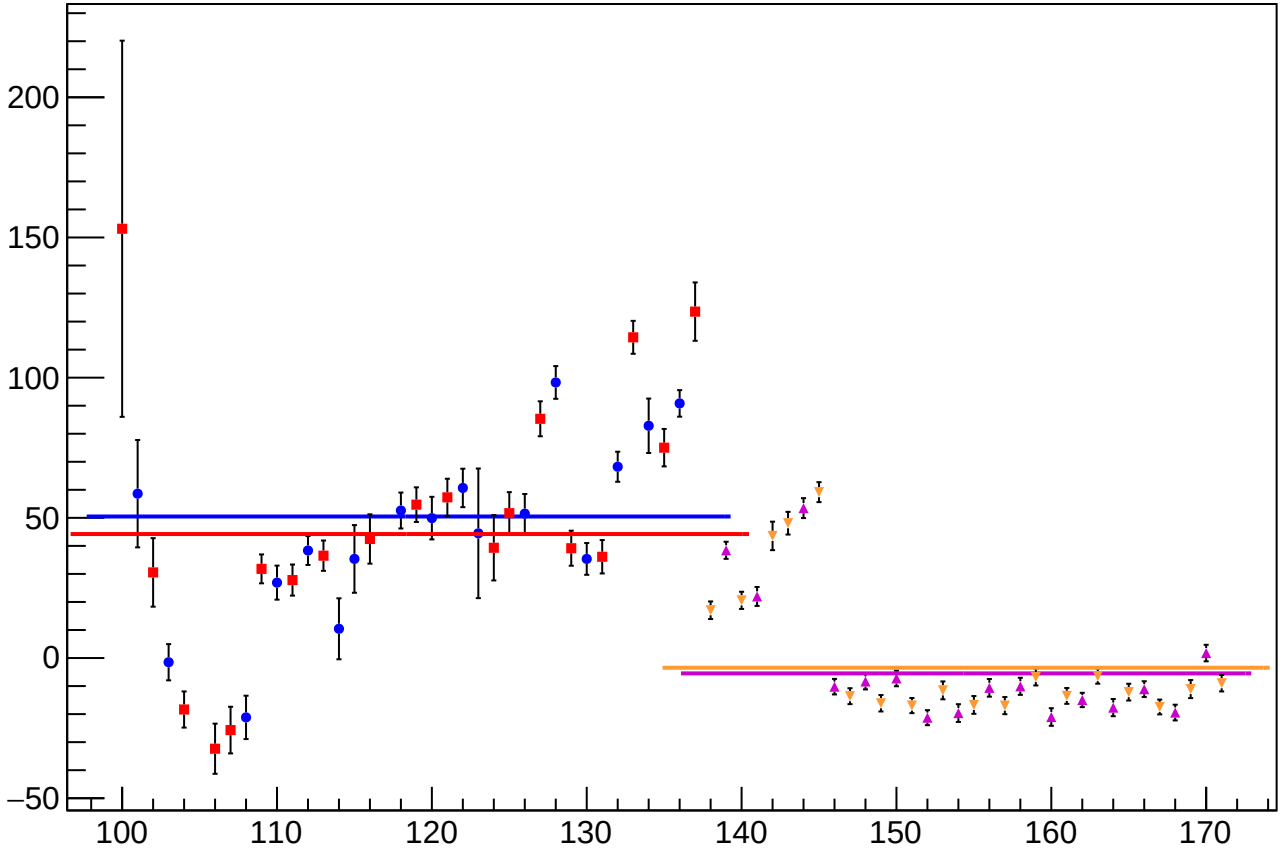
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 11.418+/-0.468 χ^2/NDF:394.9/32

Out: 11.721+/-0.446 χ^2/NDF:413.0/36

All: 11.577+/-0.323 χ^2/NDF: 808.1/69

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -3.456+/-0.723 χ^2/NDF:822.6/17

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -5.477+/-0.739 χ^2/NDF:702.3/15

Left: -4.445+/-0.517 χ^2/NDF: 1528.7/33

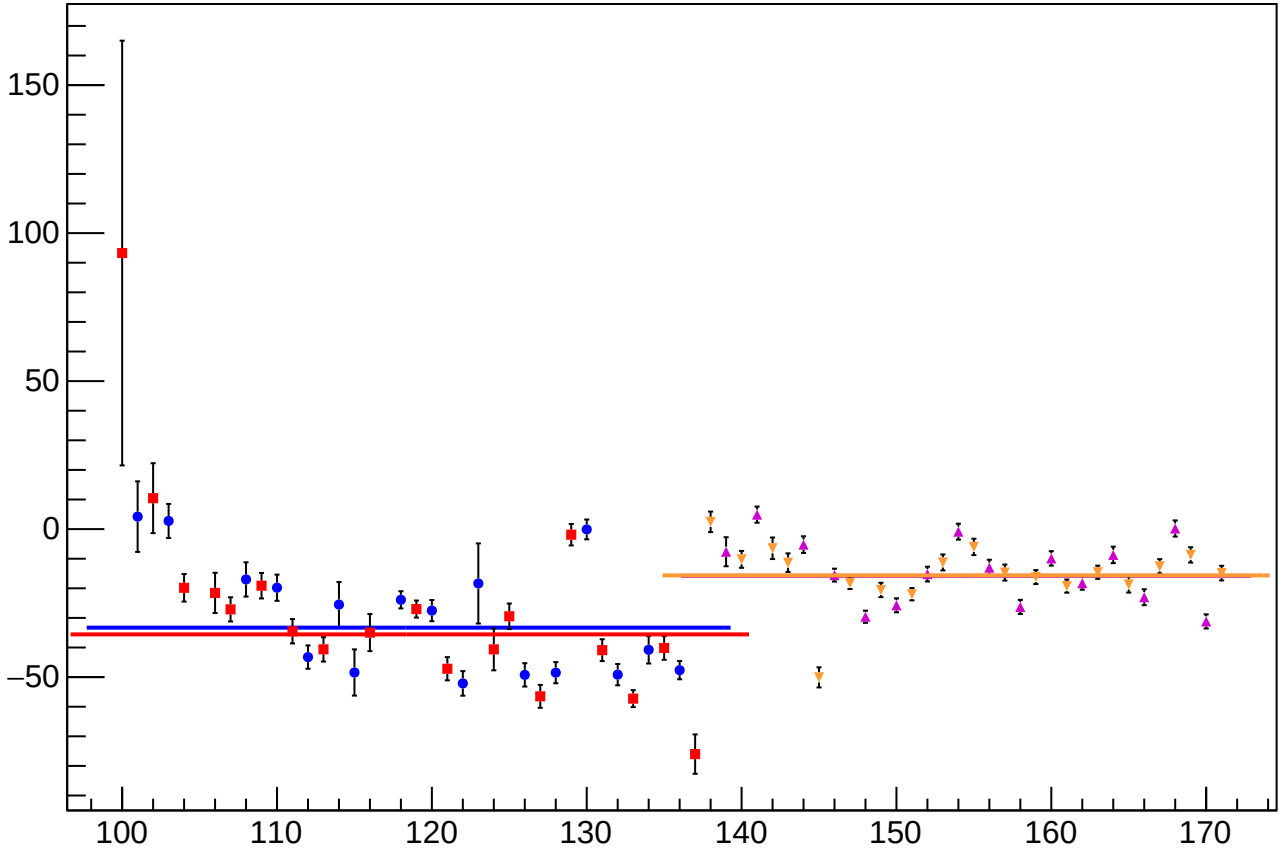
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 3.699+/-0.675 χ^2/NDF:2001.2/32

Out: 4.613+/-0.659 χ^2/NDF:2092.4/36

All: 4.167+/-0.472 χ^2/NDF: 4094.5/69

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -15.641+/-0.606 χ^2/NDF:184.8/17

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -15.784+/-0.634 χ^2/NDF:285.2/15

Left: -15.709+/-0.438 χ^2/NDF: 470.0/33

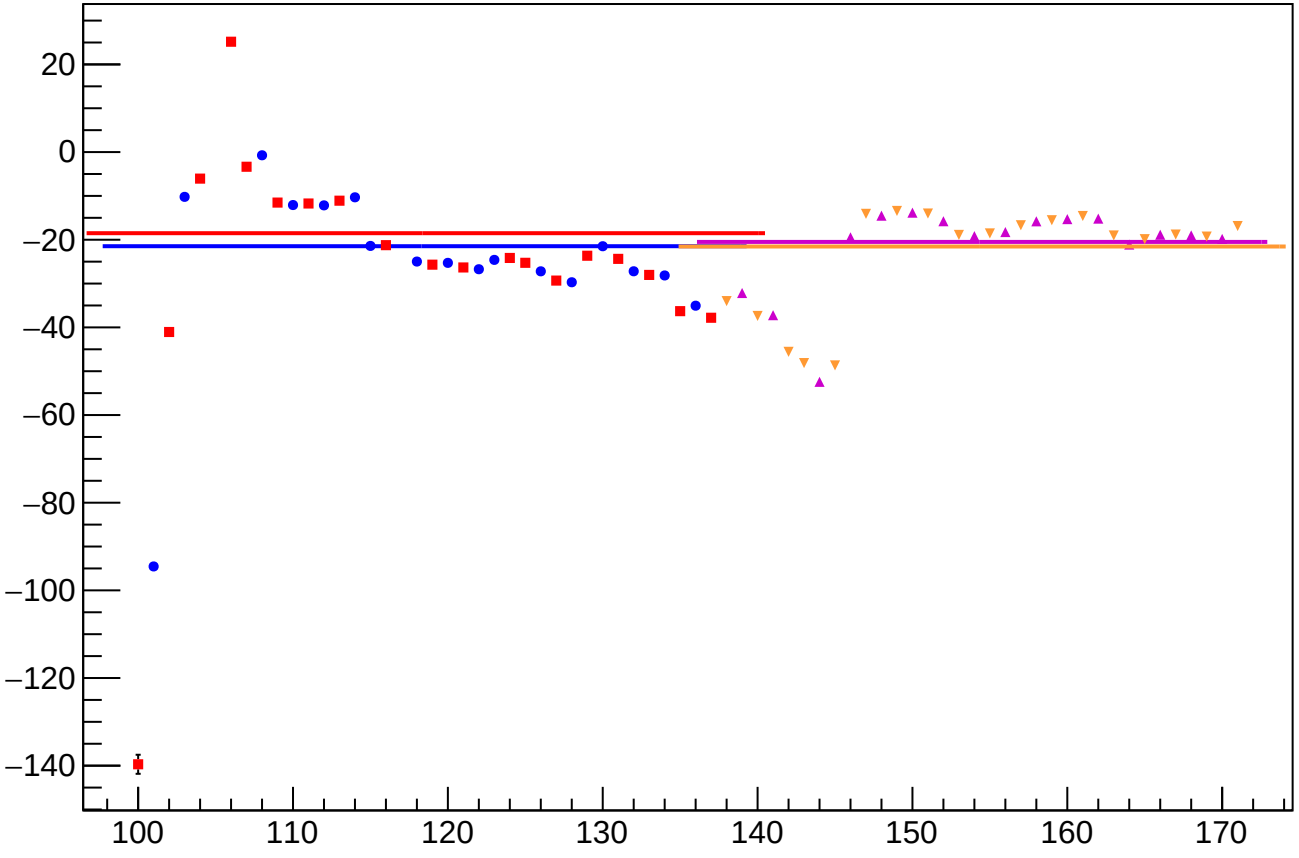
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -20.570+/-0.540 χ^2/NDF:783.0/32

Out: -21.050+/-0.517 χ^2/NDF:766.1/36

All: -20.820+/-0.374 χ^2/NDF: 1549.5/69

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -21.545+/-0.028 χ^2/NDF:128718.7/17

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -20.497+/-0.029 χ^2/NDF:84454.8/15

Left: -21.034+/-0.020 χ^2/NDF: 213849.9/33

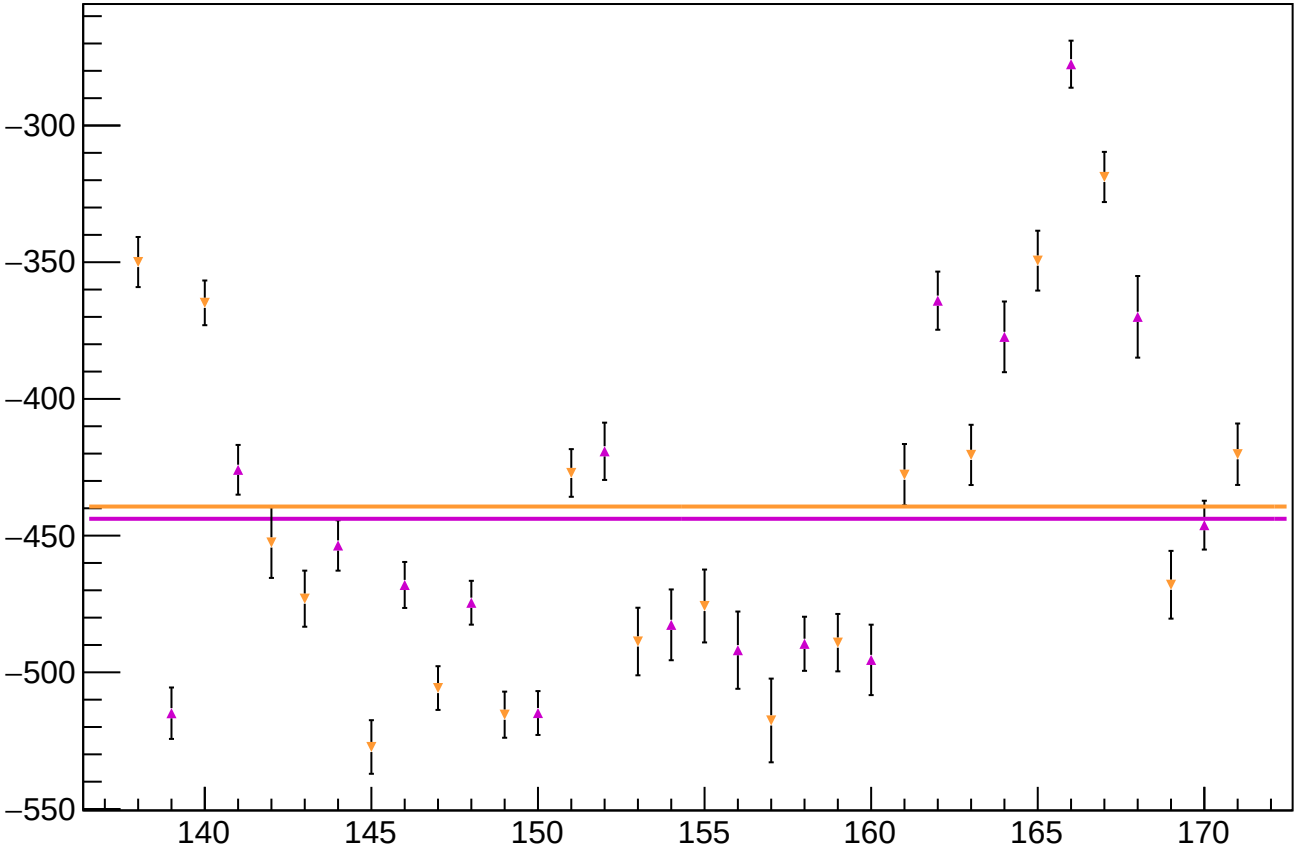
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -20.688+/-0.026 χ^2/NDF:133688.9/32

Out: -20.955+/-0.025 χ^2/NDF:211716.3/36

All: -20.825+/-0.018 χ^2/NDF: 345460.0/69

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -439.362+/-2.412 χ^2/NDF:747.2/17

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

Left In: -443.845+/-2.484 χ^2/NDF:707.6/15

Left: -441.537+/-1.730 χ^2/NDF: 1456.4/33

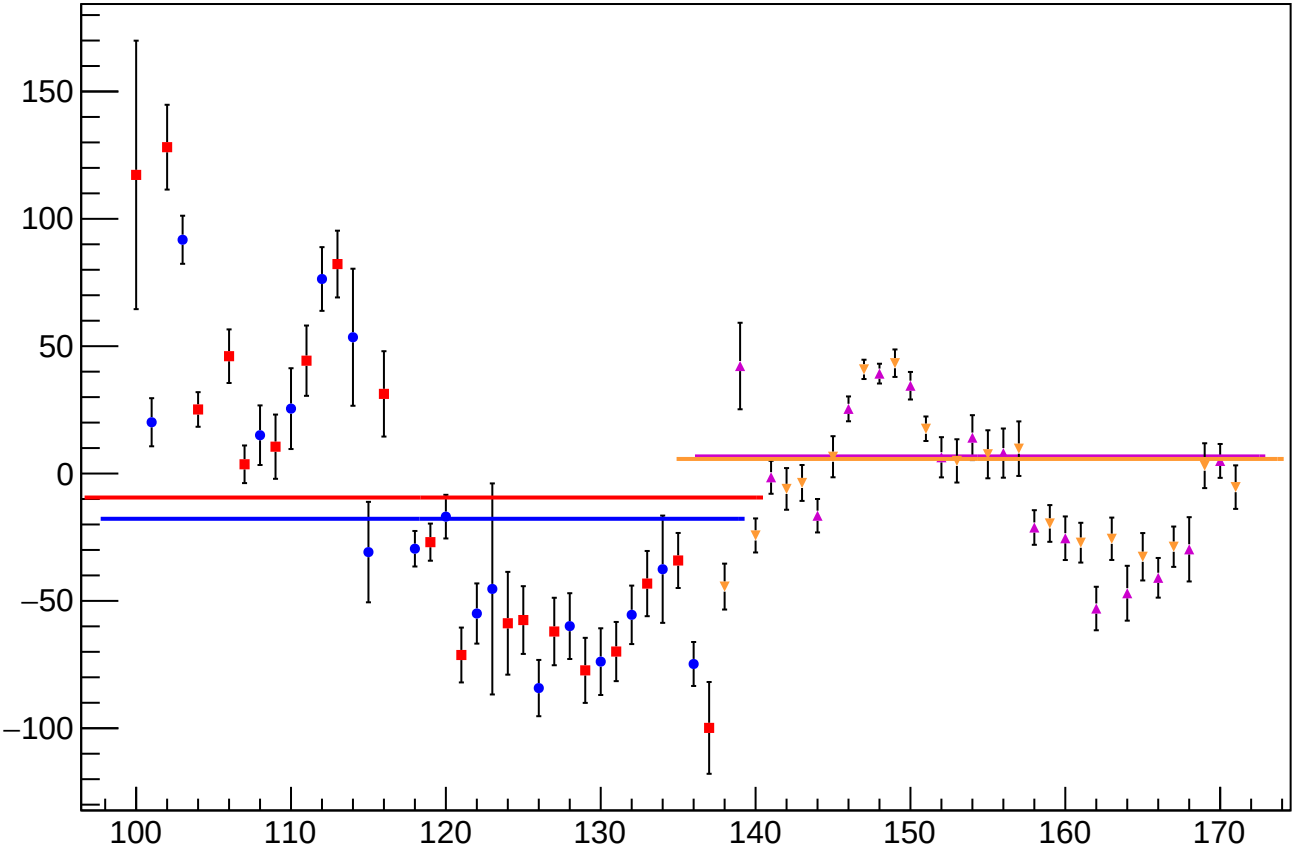
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -443.845+/-2.484 χ^2/NDF:707.6/15

Out: -439.362+/-2.412 χ^2/NDF:747.2/17

All: -441.537+/-1.730 χ^2/NDF: 1456.4/33

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 5.729+/-1.643 χ^2/NDF:277.9/17

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 6.725+/-1.726 χ^2/NDF:280.9/15

Left: 6.203+/-1.190 χ^2/NDF: 559.0/33

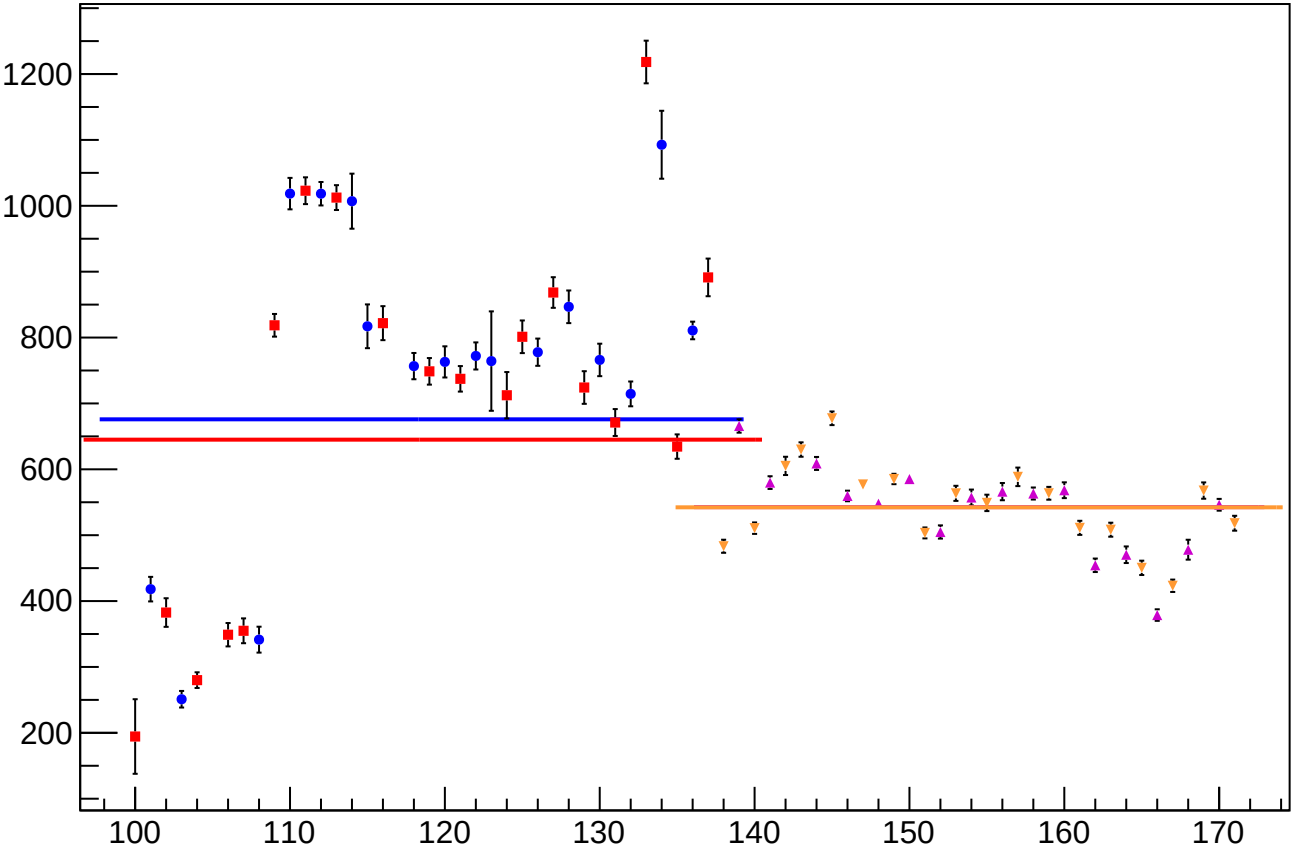
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: -0.084+/-1.467 χ^2/NDF:700.7/32

Out: 1.438+/-1.391 χ^2/NDF:671.6/36

All: 0.717+/-1.009 χ^2/NDF: 1372.9/69

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 542.299+/-2.383 χ^2/NDF:655.9/17

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 542.601+/-2.433 χ^2/NDF:747.3/15

Left: 542.447+/-1.702 χ^2/NDF: 1403.3/33

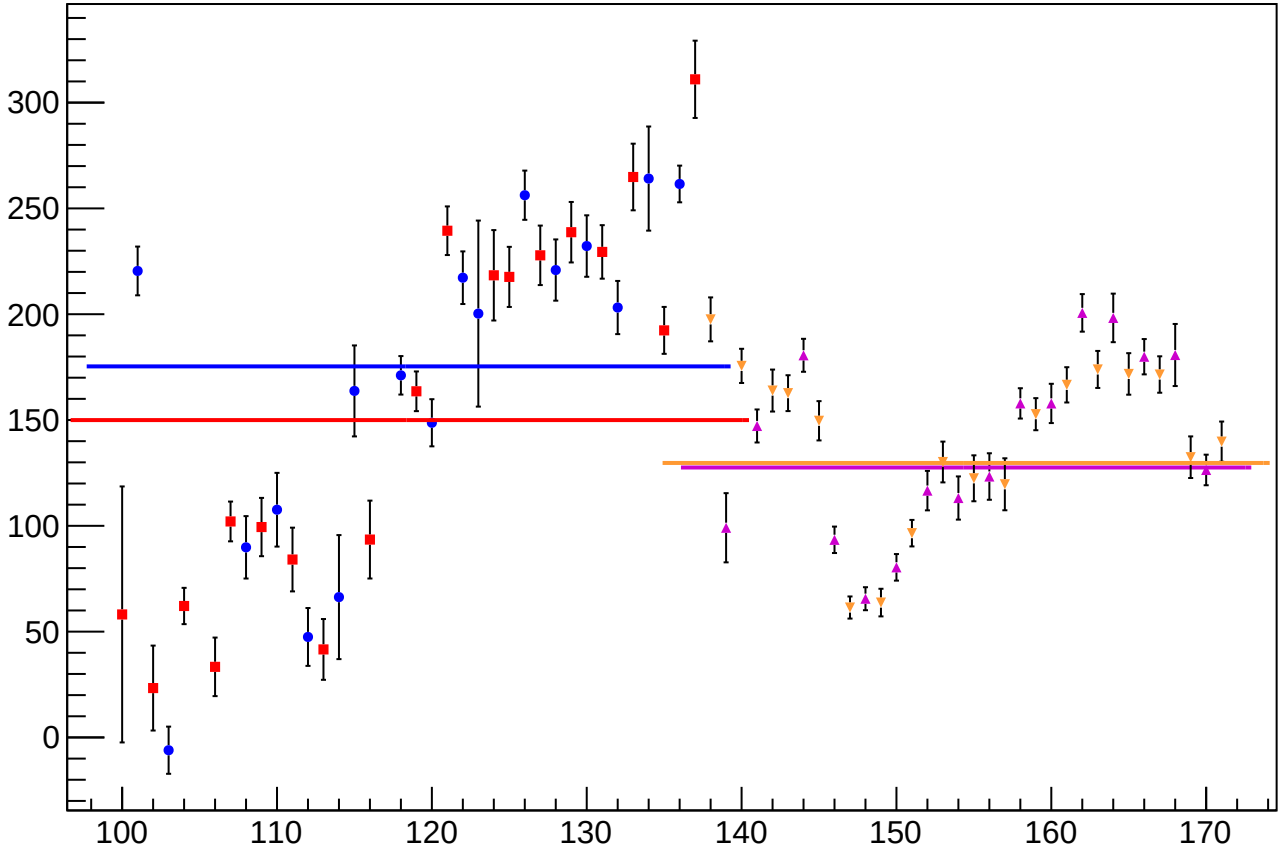
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 567.810+/-2.191 χ^2/NDF:3901.3/32

Out: 562.878+/-2.131 χ^2/NDF:4151.4/36

All: 565.276+/-1.528 χ^2/NDF: 8055.3/69

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 129.712+/-1.954 χ^2/NDF:506.5/17

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 127.558+/-2.039 χ^2/NDF:462.6/15

Left: 128.681+/-1.411 χ^2/NDF: 969.7/33

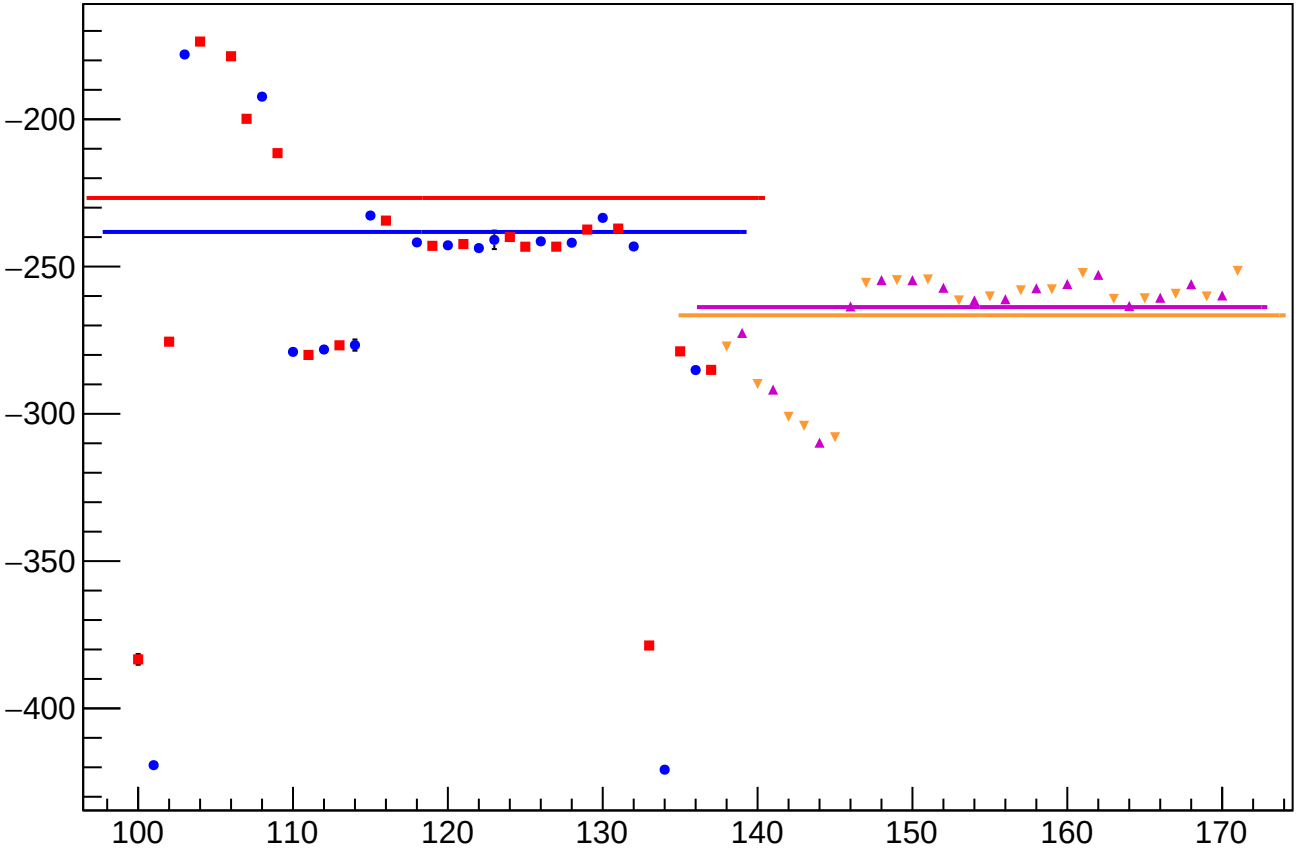
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 141.343+/-1.720 χ^2/NDF:1259.4/32

Out: 135.619+/-1.644 χ^2/NDF:1231.0/36

All: 138.352+/-1.189 χ^2/NDF: 2496.2/69

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -266.546+/-0.095 χ^2/NDF:34125.6/17

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -263.755+/-0.097 χ^2/NDF:20933.2/15

Left: -265.176+/-0.068 χ^2/NDF: 55481.5/33

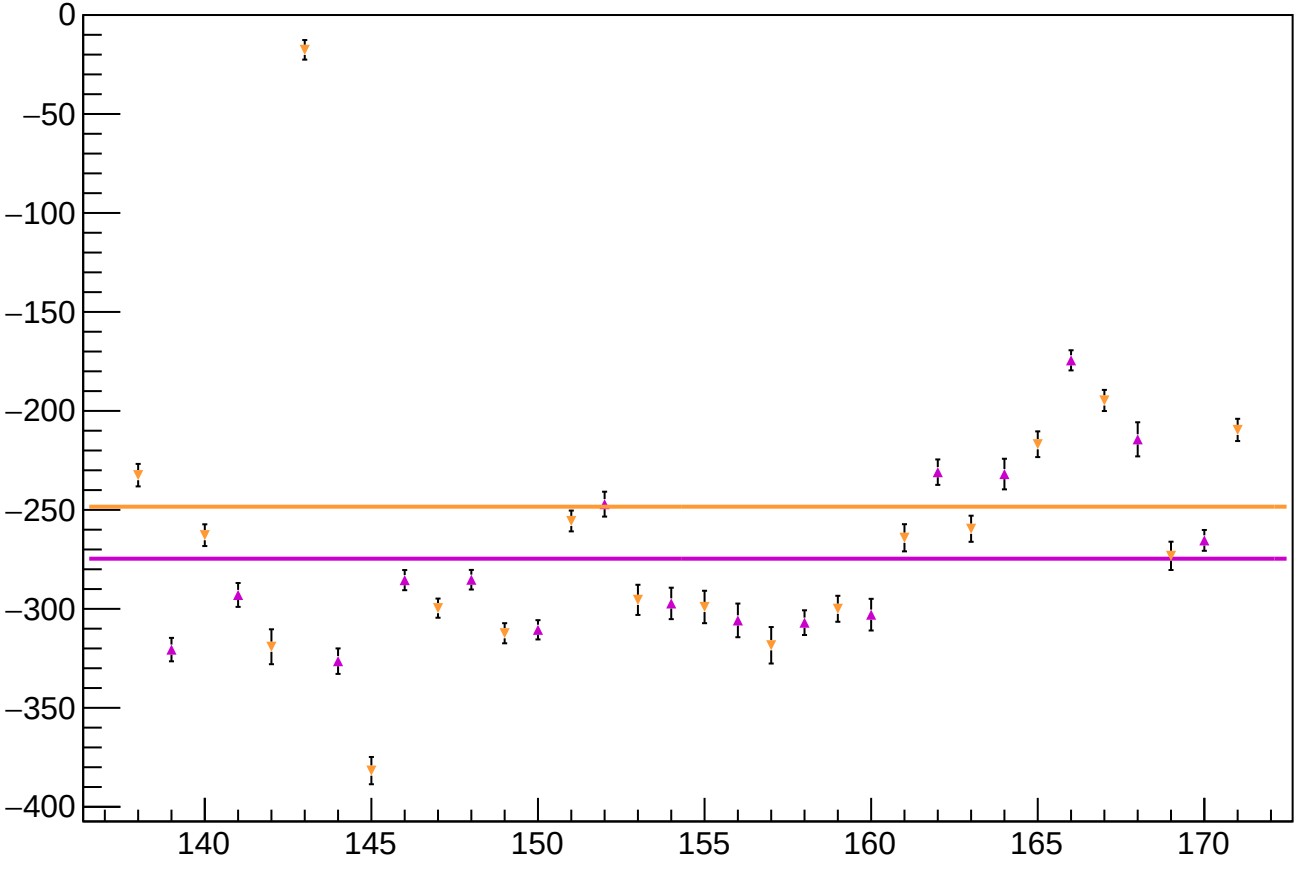
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.908+/-0.083 χ^2/NDF:206669.6/32

Out: -255.238+/-0.081 χ^2/NDF:186745.1/36

All: -256.049+/-0.058 χ^2/NDF: 393623.7/69

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: -248.385+/-1.447 χ^2/NDF:3291.1/17

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

Left In: -274.655+/-1.530 χ^2/NDF:794.4/15

Left: -260.784+/-1.051 χ^2/NDF: 4241.1/33

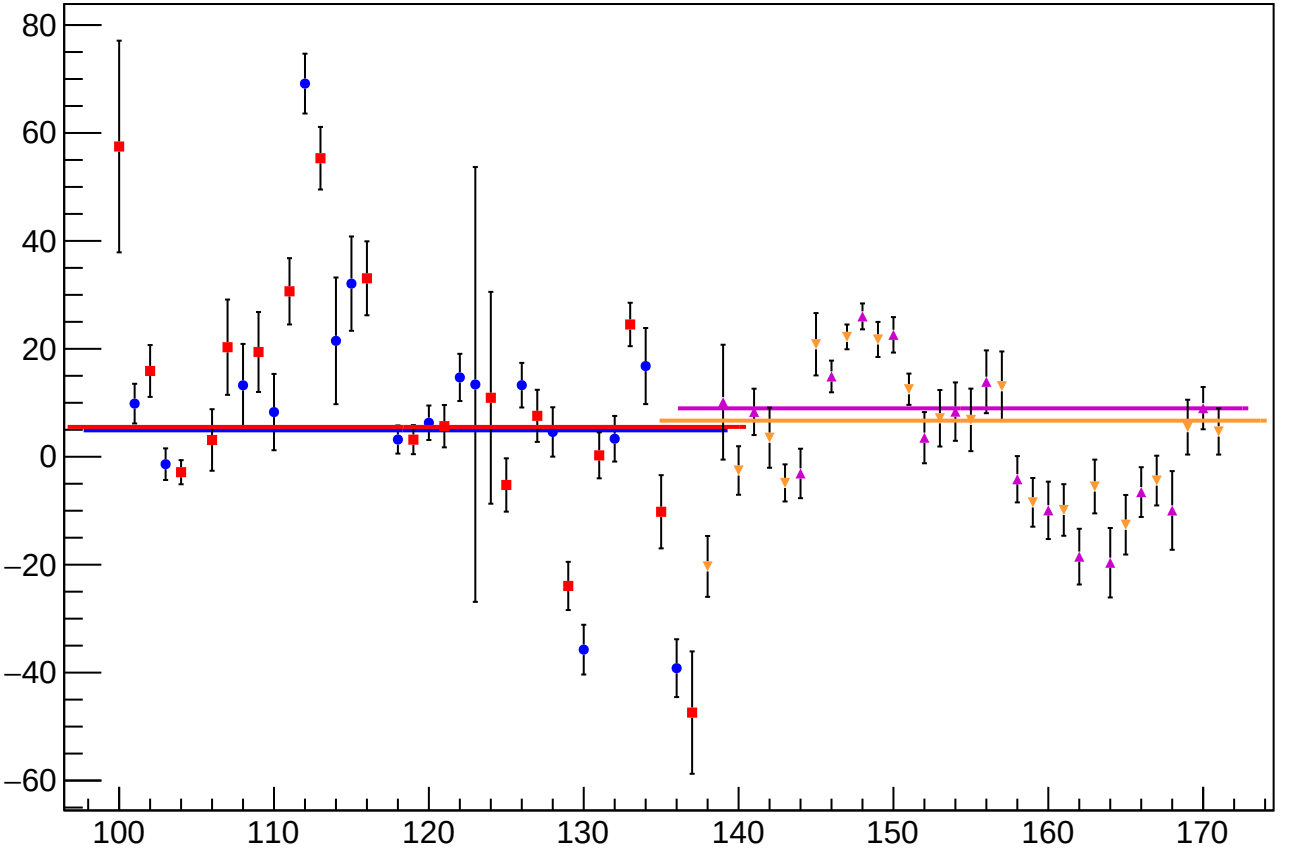
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -274.655+/-1.530 χ^2/NDF:794.4/15

Out: -248.385+/-1.447 χ^2/NDF:3291.1/17

All: -260.784+/-1.051 χ^2/NDF: 4241.1/33

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: 6.695+/-0.986 χ^2/NDF:164.4/17

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 8.971+/-1.064 χ^2/NDF:168.8/15

Left: 7.747+/-0.723 χ^2/NDF: 335.6/33

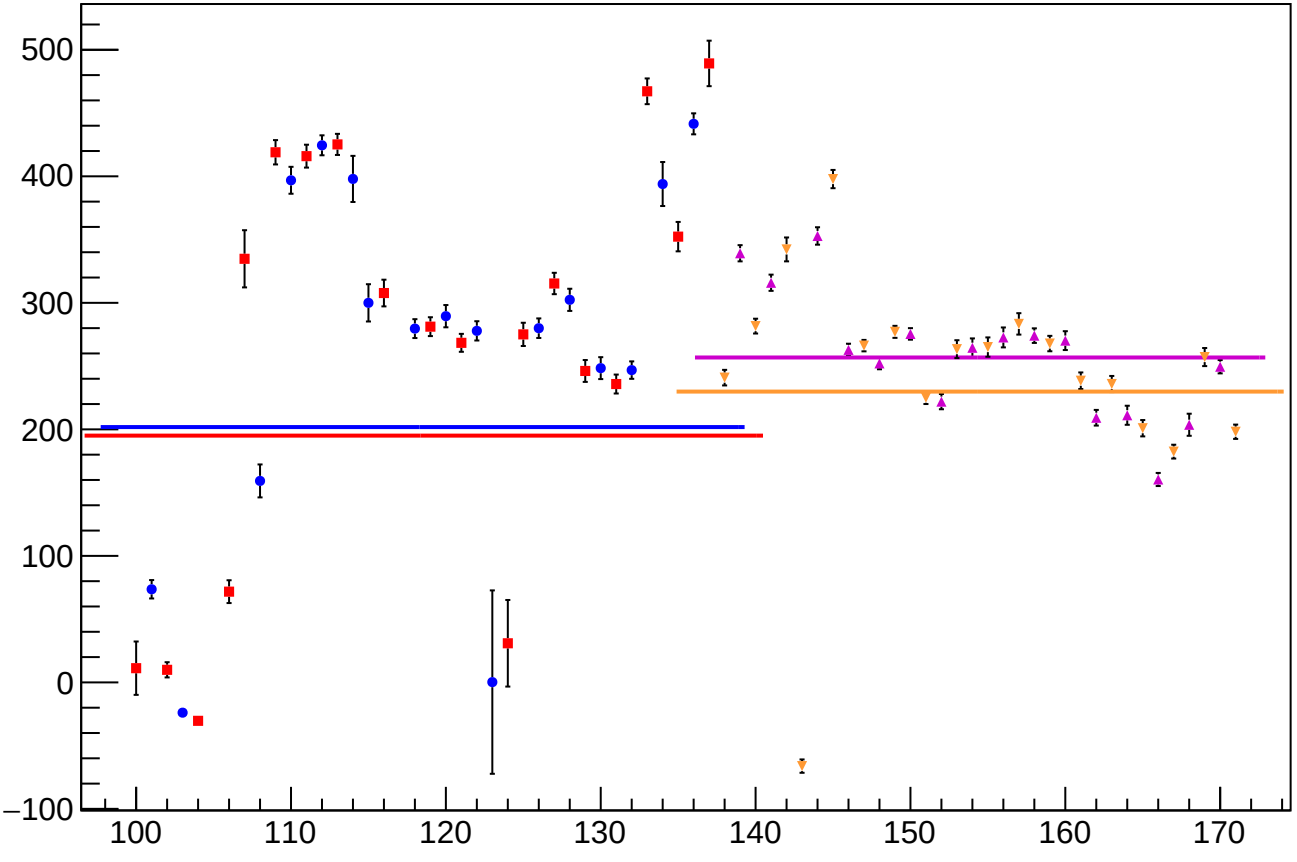
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 6.981+/-0.761 χ^2/NDF:487.9/32

Out: 6.163+/-0.726 χ^2/NDF:404.2/36

All: 6.552+/-0.525 χ^2/NDF: 892.7/69

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: 229.858+/-1.429 χ^2/NDF:4337.9/17

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 256.804+/-1.496 χ^2/NDF:996.0/15

Left: 242.721+/-1.033 χ^2/NDF: 5503.5/33

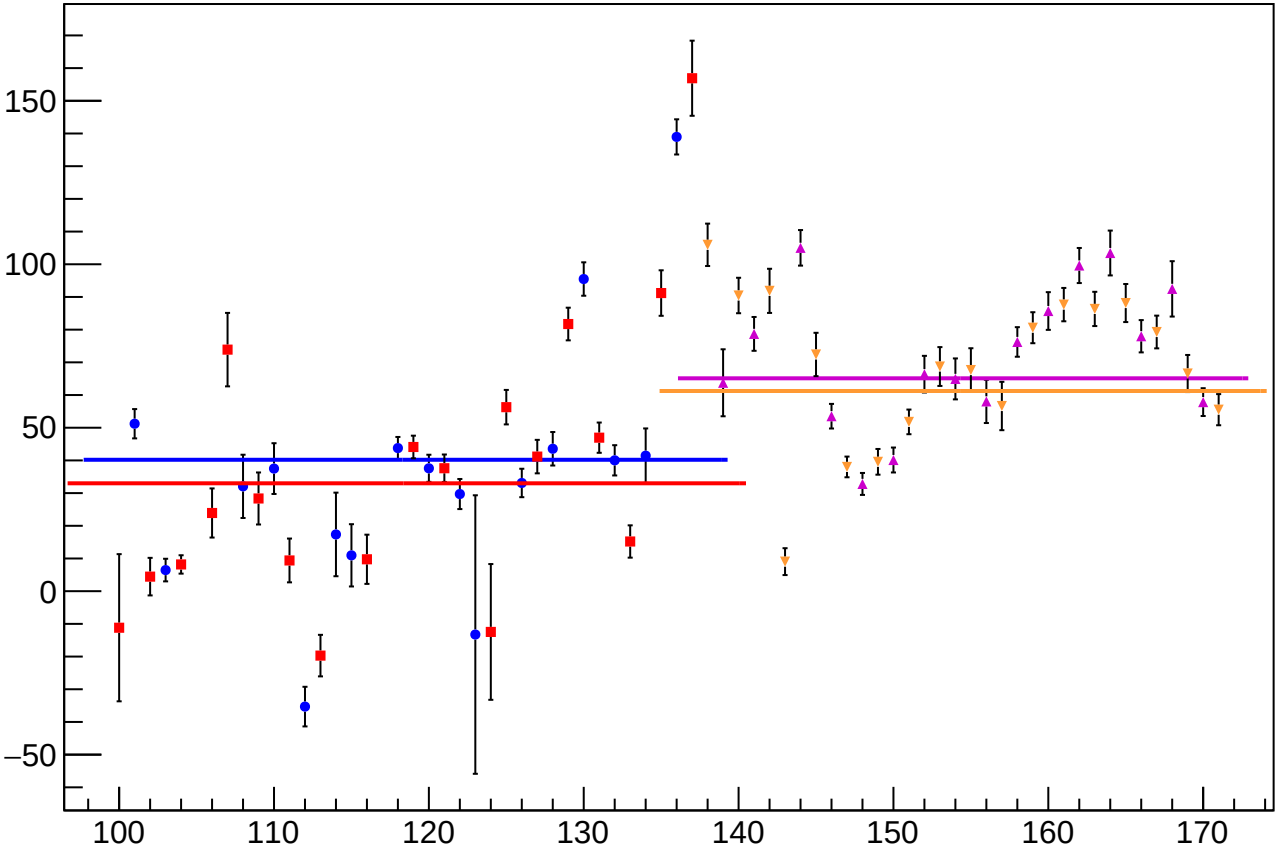
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 236.699+/-1.191 χ^2/NDF:8244.5/32

Out: 217.482+/-1.148 χ^2/NDF:12805.8/36

All: 226.731+/-0.826 χ^2/NDF: 21185.2/69

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 61.233+/-1.171 χ^2/NDF:457.9/17

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 65.115+/-1.256 χ^2/NDF:318.4/15

Left: 63.038+/-0.856 χ^2/NDF: 781.4/33

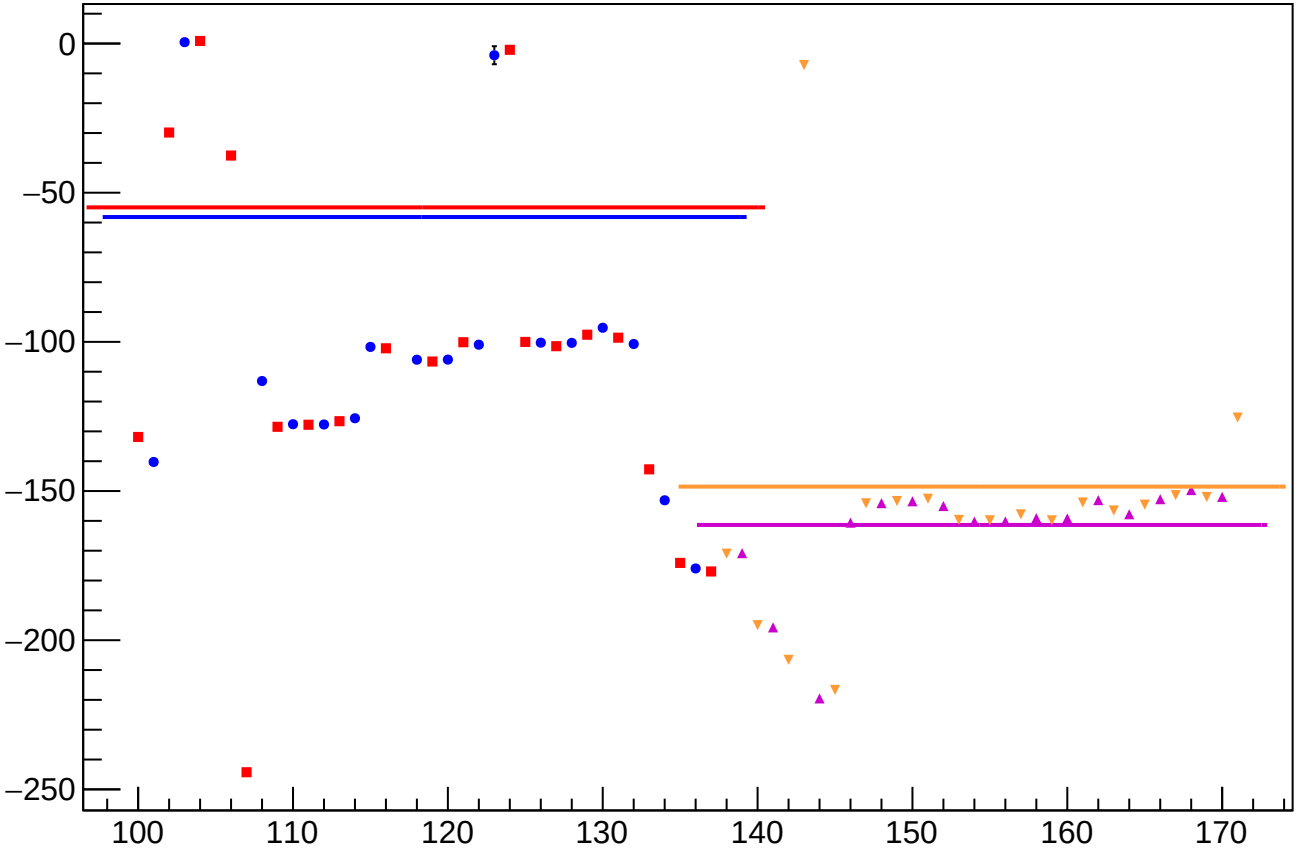
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 52.769+/-0.892 χ^2/NDF:1248.4/32

Out: 48.067+/-0.855 χ^2/NDF:1283.1/36

All: 50.319+/-0.617 χ^2/NDF: 2546.0/69

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -148.511+/-0.057 χ^2/NDF:594402.5/17

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -161.362+/-0.060 χ^2/NDF:66625.6/15

Left: -154.643+/-0.041 χ^2/NDF: 685401.9/33

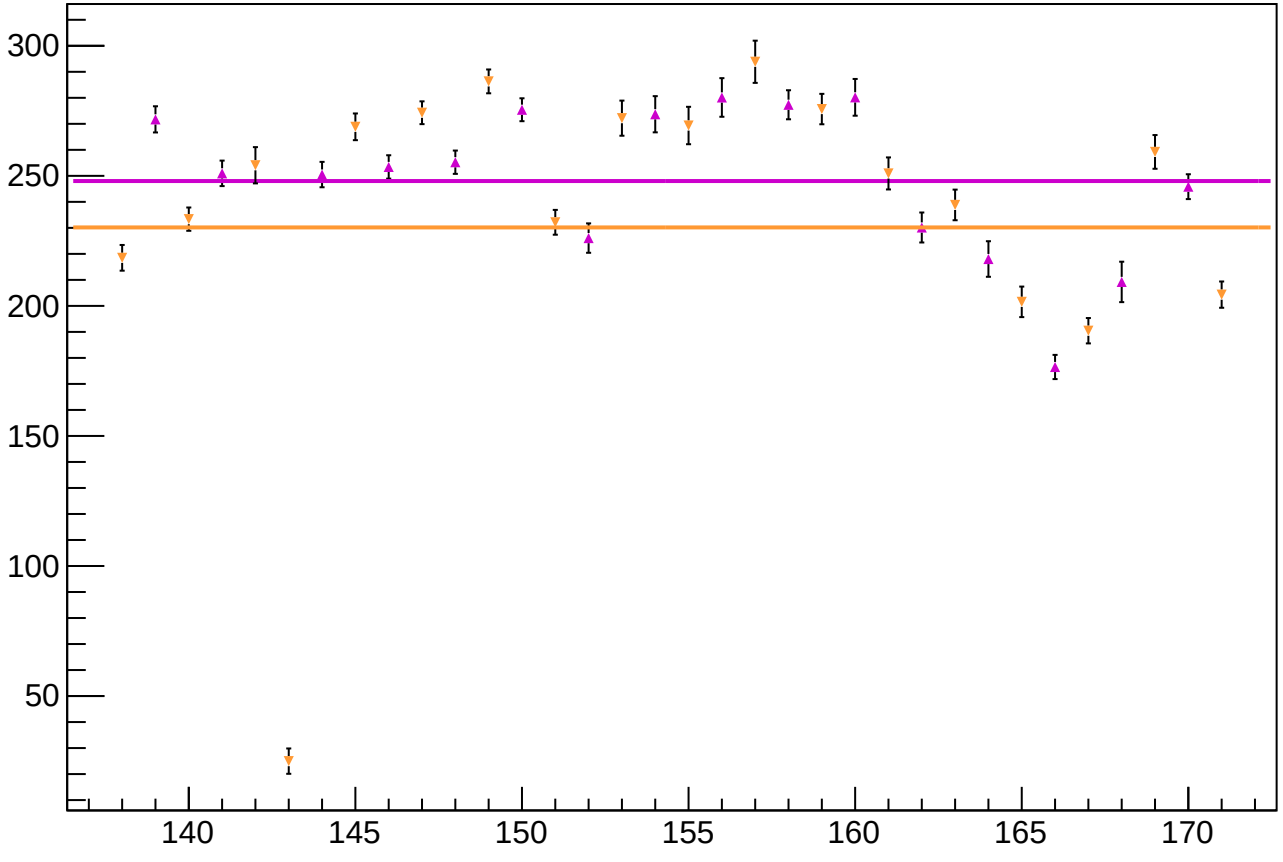
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -111.507+/-0.043 χ^2/NDF:2624486.4/32

Out: -104.399+/-0.041 χ^2/NDF:2875440.2/36

All: -107.830+/-0.030 χ^2/NDF: 5514197.3/69

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: 230.170+/-1.280 χ^2/NDF:2441.9/17

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

Left In: 248.004+/-1.343 χ^2/NDF:451.6/15

Left: 238.660+/-0.927 χ^2/NDF: 2985.9/33

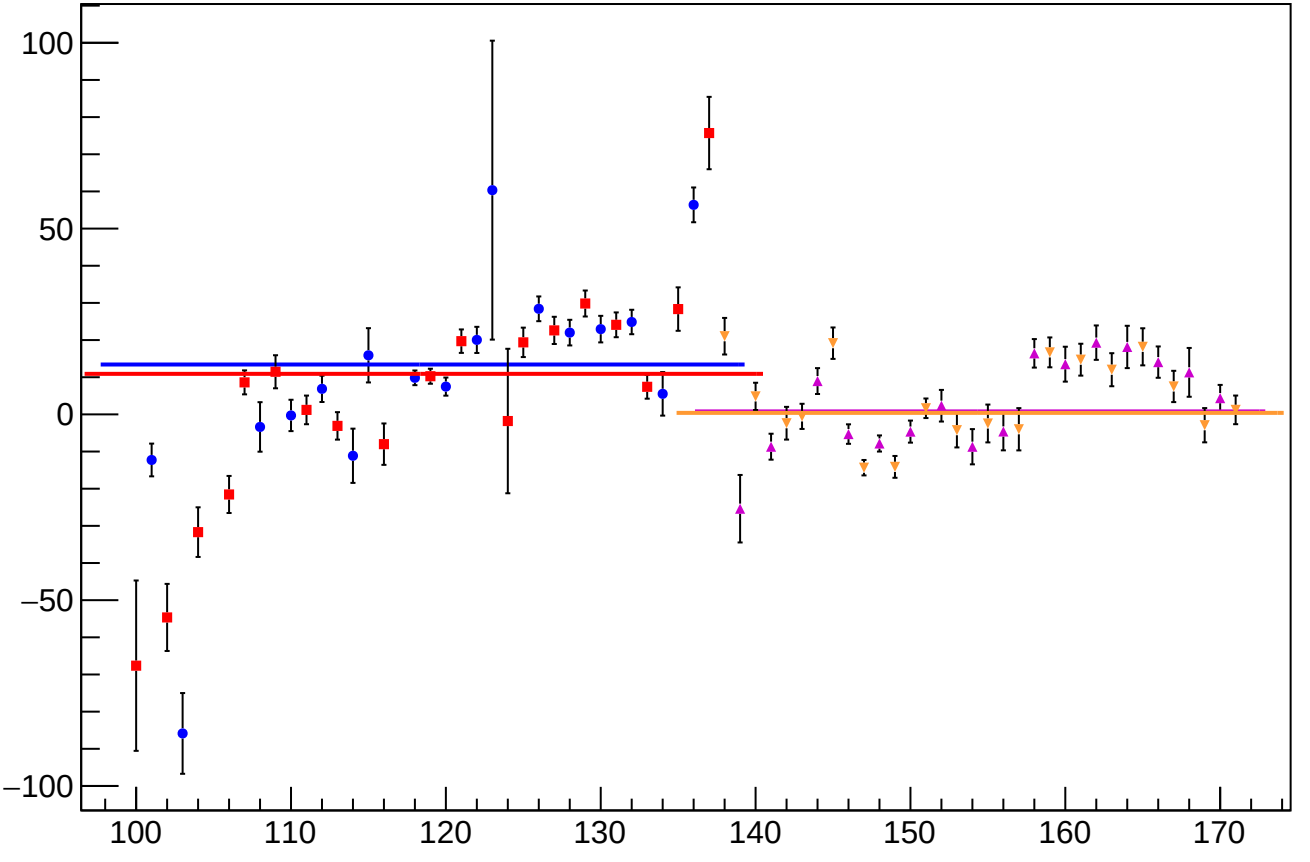
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 248.004+/-1.343 χ^2/NDF:451.6/15

Out: 230.170+/-1.280 χ^2/NDF:2441.9/17

All: 238.660+/-0.927 χ^2/NDF: 2985.9/33

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: 0.406+/-0.878 χ^2/NDF:166.7/17

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 0.803+/-0.939 χ^2/NDF:113.7/15

Left: 0.591+/-0.641 χ^2/NDF: 280.5/33

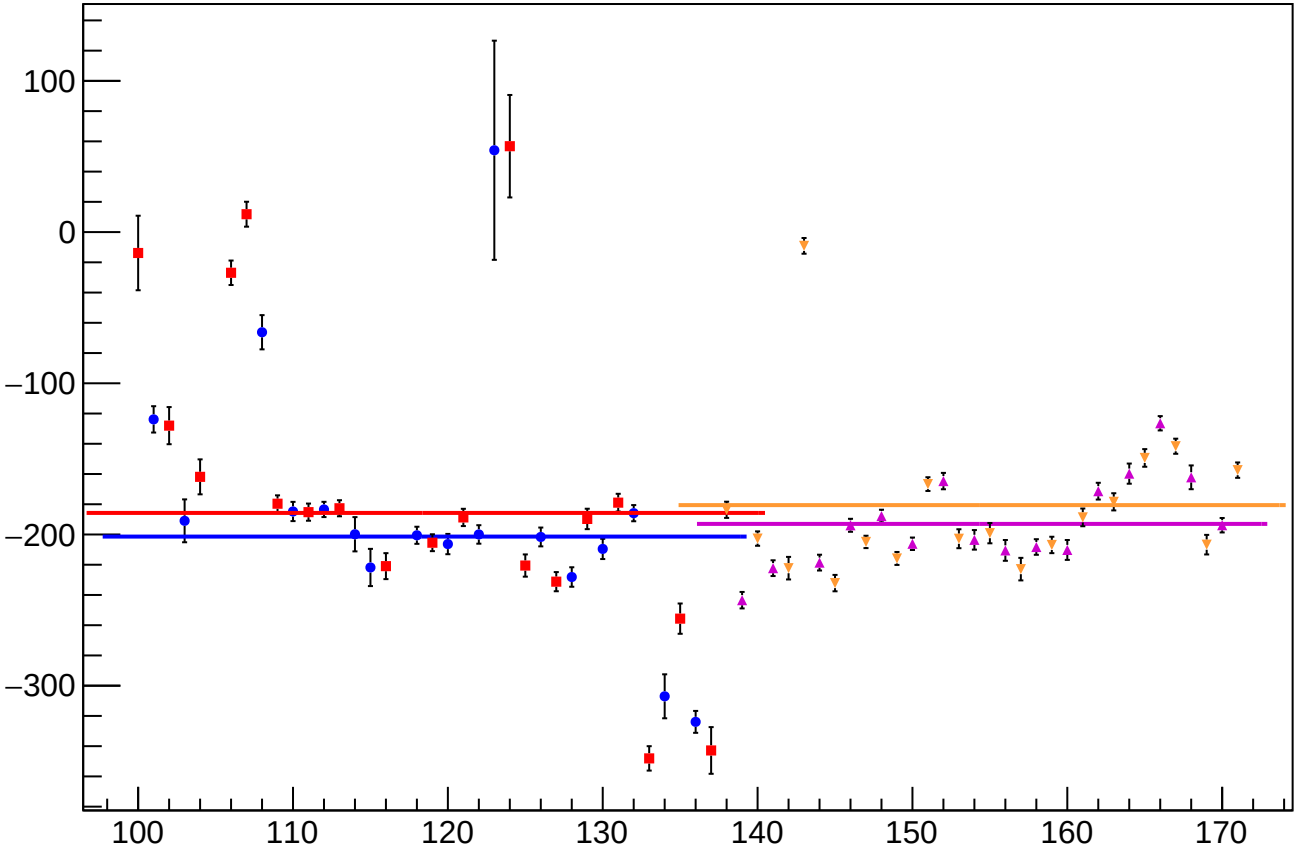
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 7.242+/-0.657 χ^2/NDF:501.2/32

Out: 5.436+/-0.634 χ^2/NDF:537.8/36

All: 6.307+/-0.456 χ^2/NDF: 1042.9/69

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: -180.572+/-1.268 χ^2/NDF:1548.4/17

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -192.998+/-1.317 χ^2/NDF:458.1/15

Left: -186.549+/-0.913 χ^2/NDF: 2052.7/33

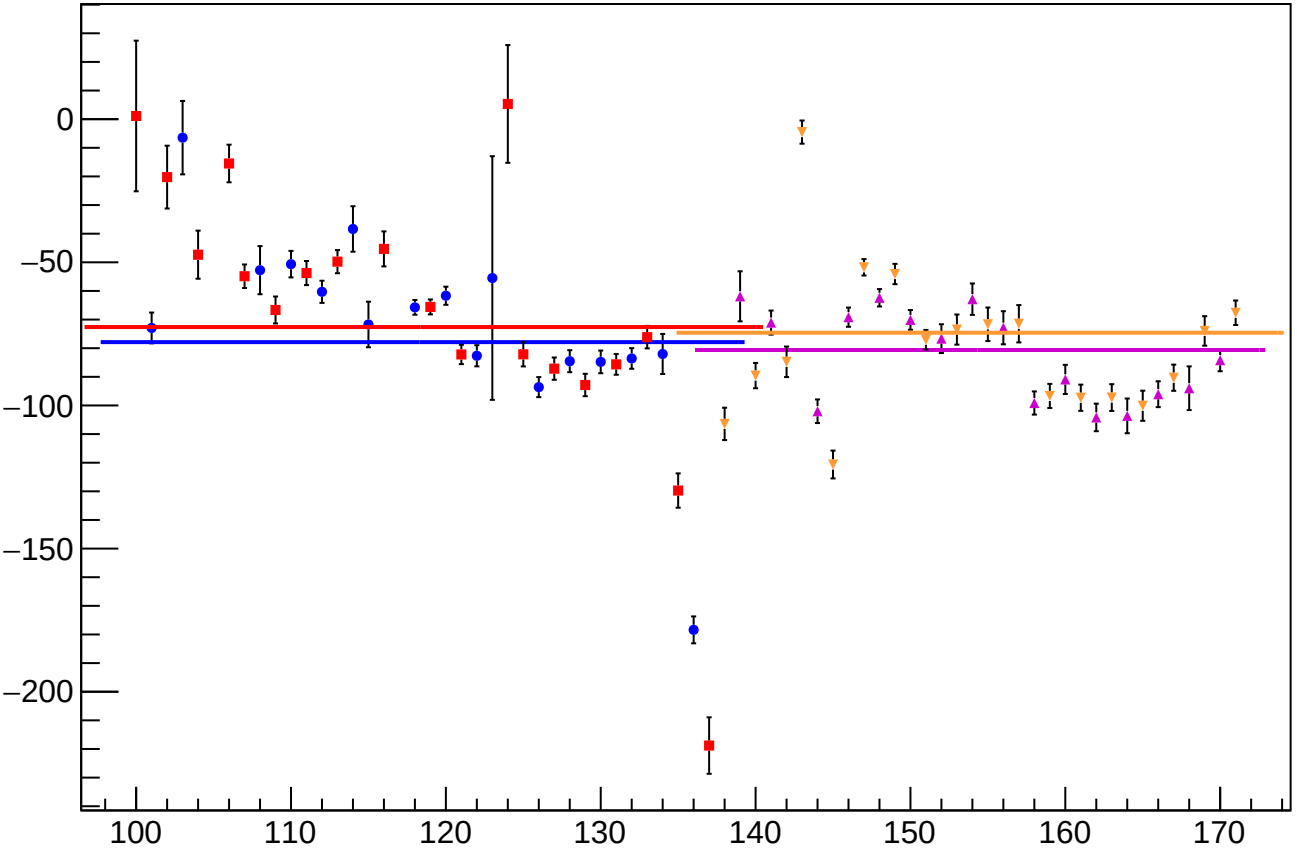
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -195.966+/-1.059 χ^2/NDF:1095.9/32

Out: -182.418+/-1.016 χ^2/NDF:3303.6/36

All: -188.916+/-0.733 χ^2/NDF: 4484.8/69

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: -74.598+/-1.041 χ^2/NDF:648.1/17

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -80.632+/-1.107 χ^2/NDF:185.6/15

Left: -77.431+/-0.759 χ^2/NDF: 849.4/33

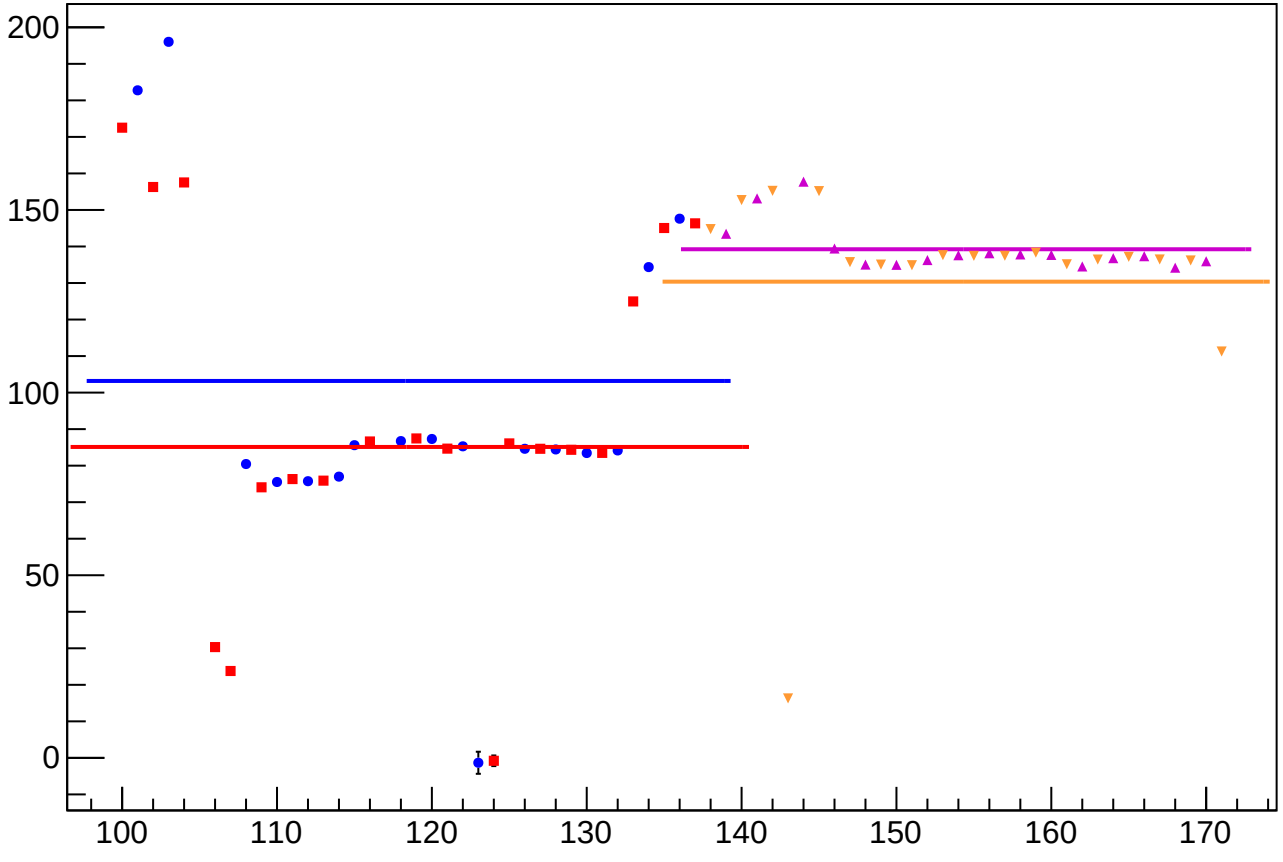
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -79.202+/-0.768 χ^2/NDF:846.9/32

Out: -73.617+/-0.741 χ^2/NDF:1256.8/36

All: -76.309+/-0.533 χ^2/NDF: 2131.1/69

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: 130.371+/-0.050 χ^2/NDF:358625.9/17

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 139.243+/-0.052 χ^2/NDF:14188.6/15

Left: 134.633+/-0.036 χ^2/NDF: 387699.4/33

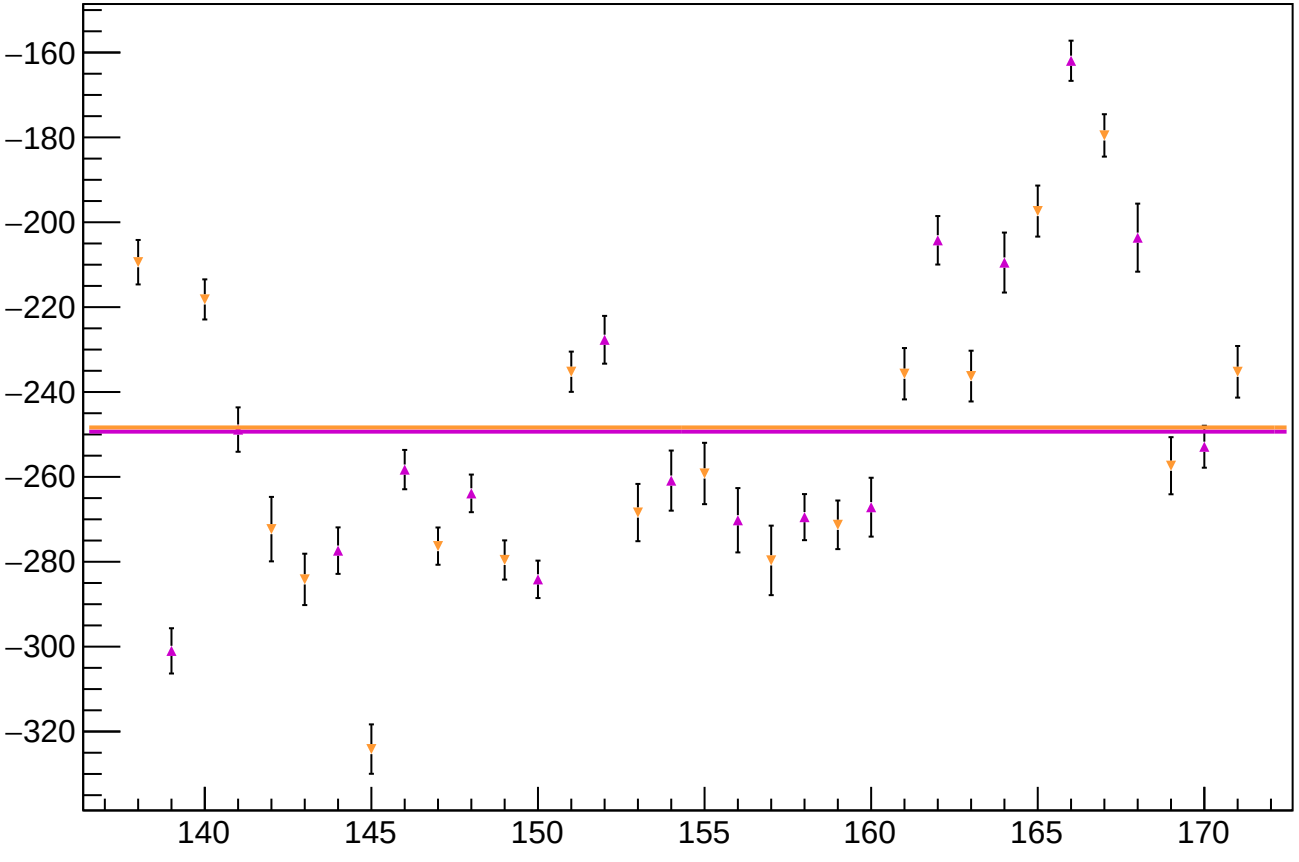
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 126.368+/-0.042 χ^2/NDF:456721.6/32

Out: 112.959+/-0.040 χ^2/NDF:1092333.2/36

All: 119.253+/-0.029 χ^2/NDF: 1603068.6/69

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: -248.348+/-1.340 χ^2/NDF:722.5/17

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

Left In: -249.339+/-1.375 χ^2/NDF:709.9/15

Left: -248.831+/-0.959 χ^2/NDF: 1432.7/33

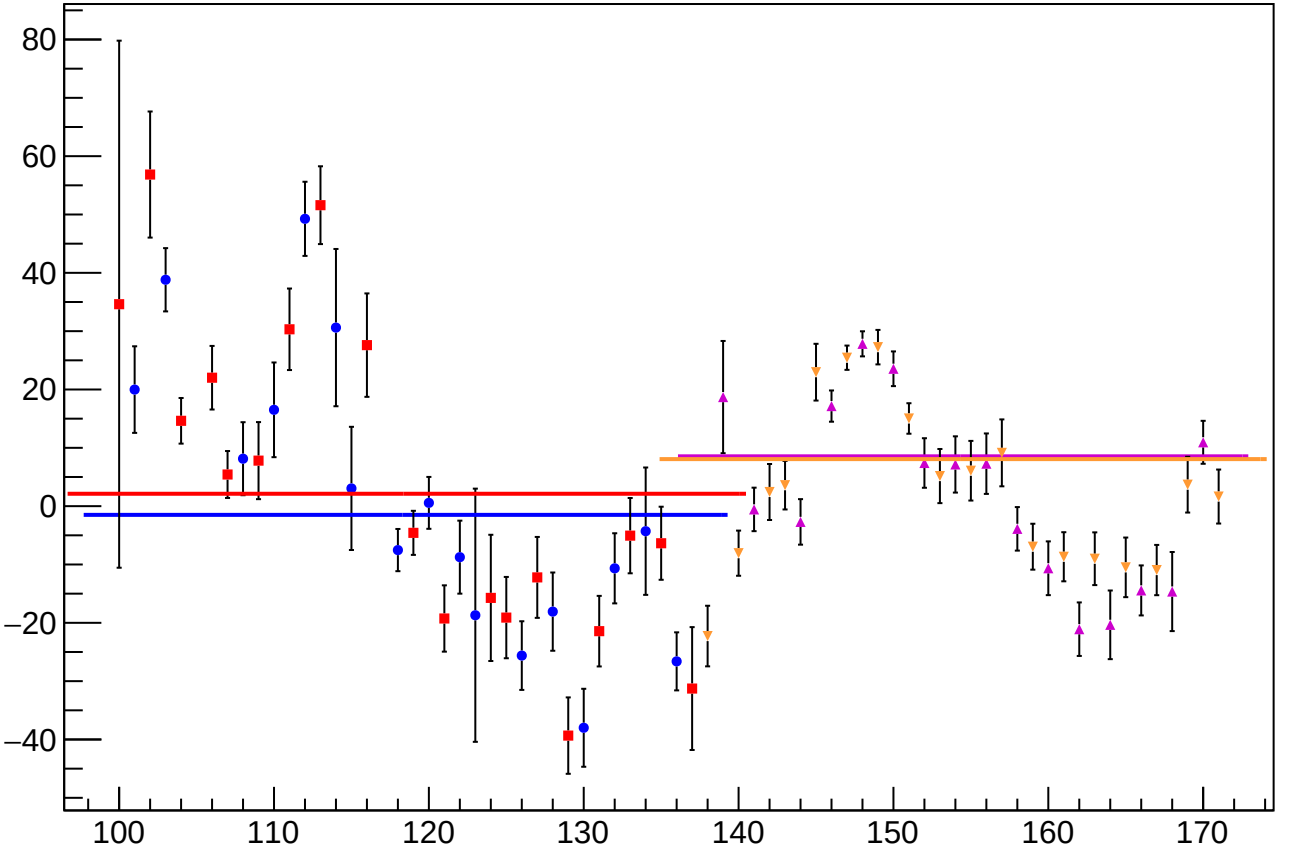
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -249.339+/-1.375 χ^2/NDF:709.9/15

Out: -248.348+/-1.340 χ^2/NDF:722.5/17

All: -248.831+/-0.959 χ^2/NDF: 1432.7/33

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: 8.067+/-0.910 χ^2/NDF:263.0/17

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 8.543+/-0.954 χ^2/NDF:267.0/15

Left: 8.294+/-0.659 χ^2/NDF: 530.2/33

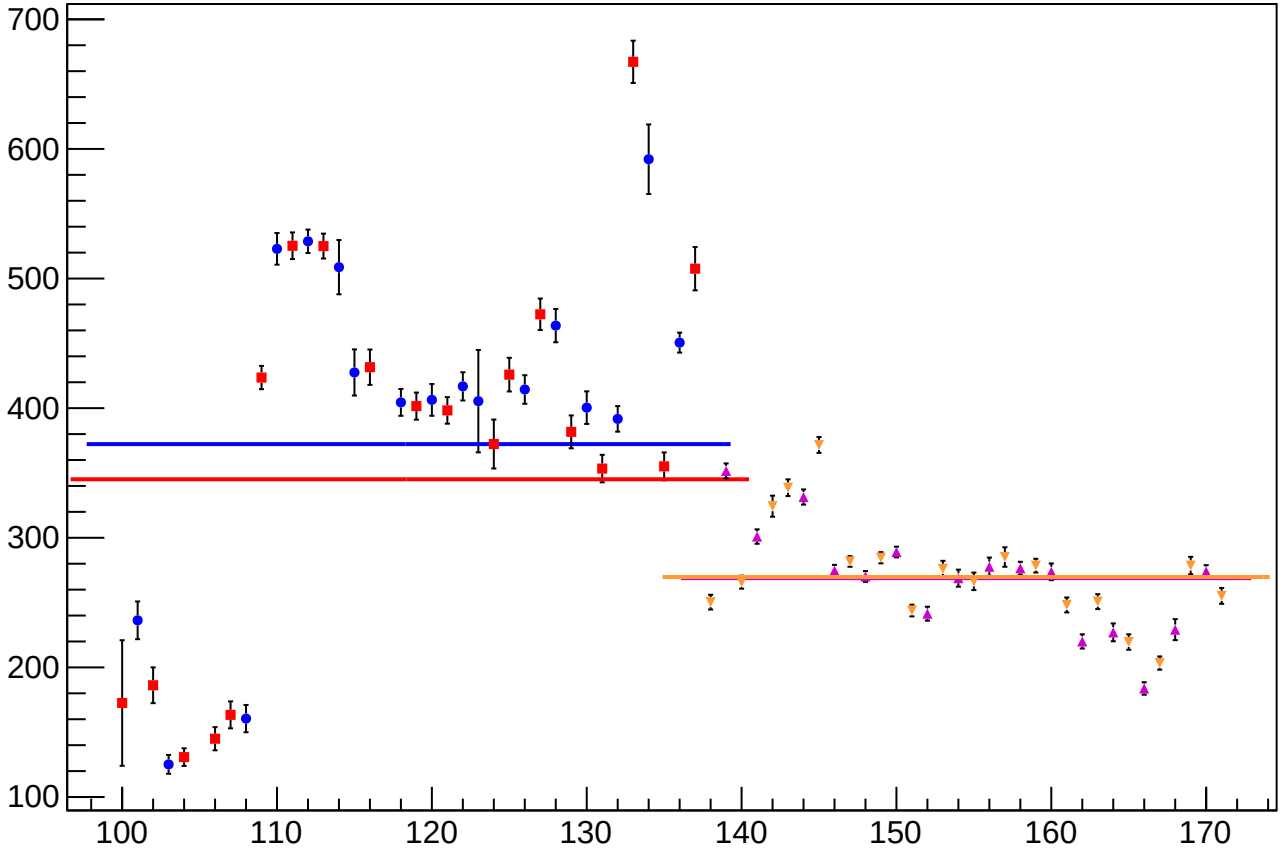
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 5.688+/-0.807 χ^2/NDF:524.6/32

Out: 6.305+/-0.764 χ^2/NDF:508.3/36

All: 6.014+/-0.555 χ^2/NDF: 1033.2/69

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: 269.756+/-1.320 χ^2/NDF:781.9/17

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 268.863+/-1.344 χ^2/NDF:860.9/15

Left: 269.317+/-0.941 χ^2/NDF: 1643.0/33

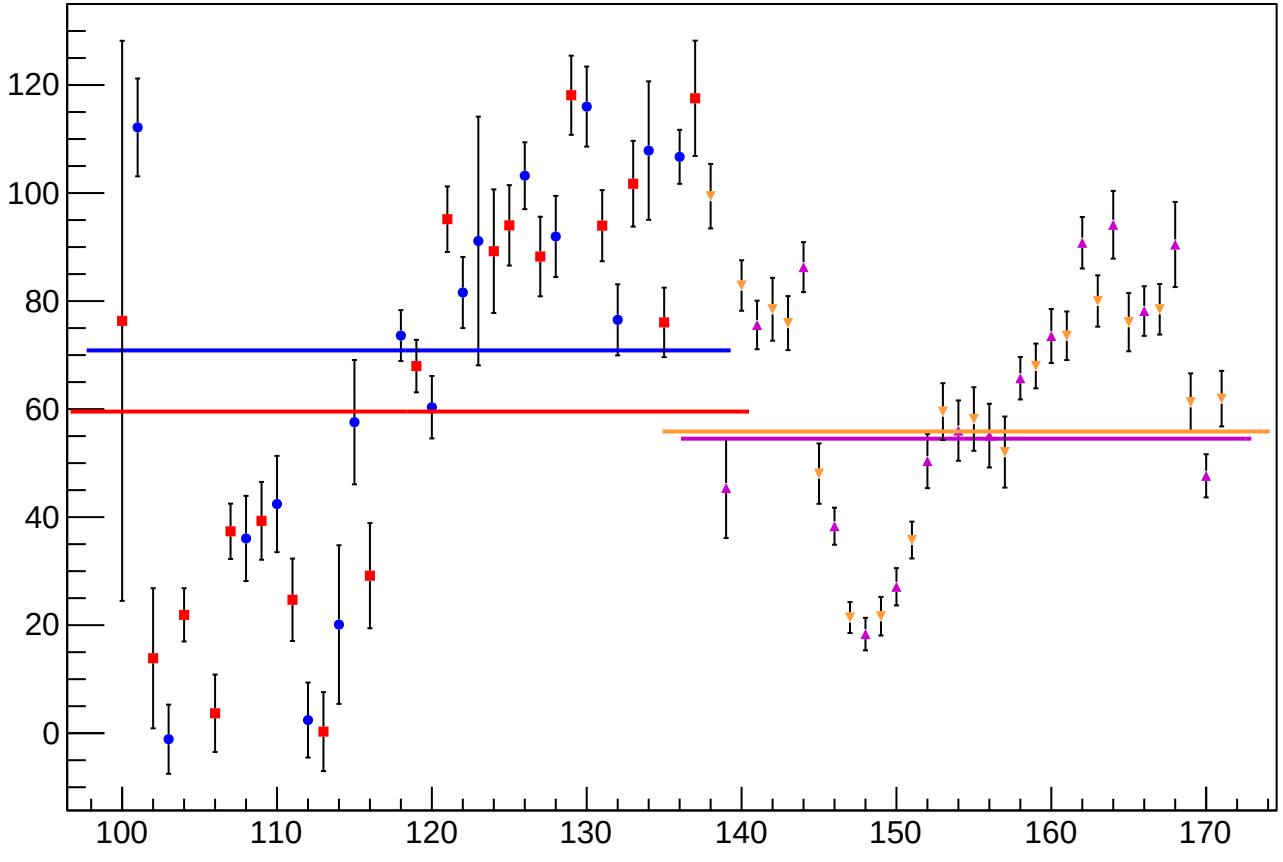
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 288.677+/-1.208 χ^2/NDF:4429.1/32

Out: 285.560+/-1.173 χ^2/NDF:4882.4/36

All: 287.073+/-0.842 χ^2/NDF: 9314.9/69

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: 55.861+/-1.082 χ^2/NDF:481.1/17

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 54.525+/-1.126 χ^2/NDF:471.5/15

Left: 55.220+/-0.780 χ^2/NDF: 953.4/33

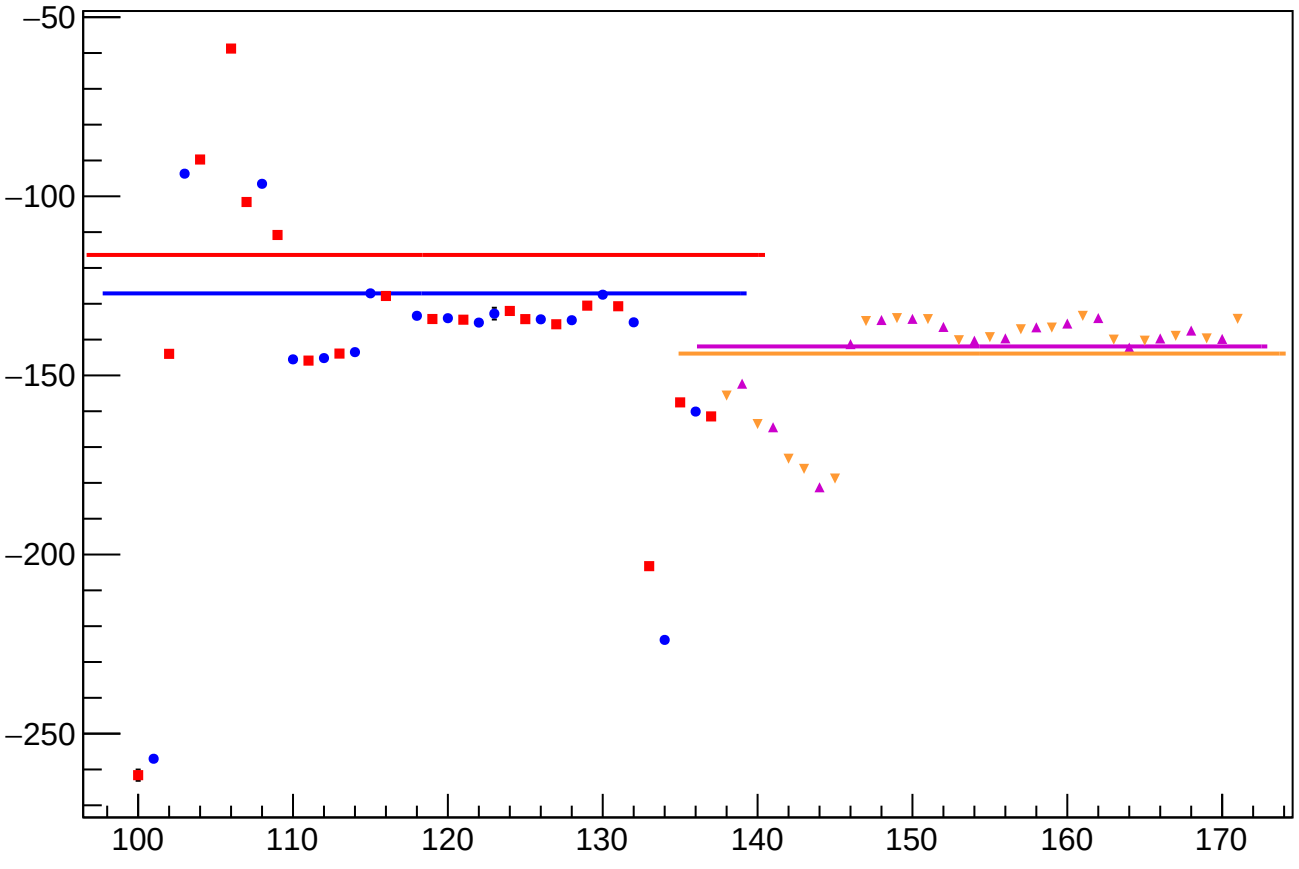
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 59.340+/-0.946 χ^2/NDF:960.5/32

Out: 56.985+/-0.902 χ^2/NDF:975.5/36

All: 58.106+/-0.653 χ^2/NDF: 1939.3/69

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -143.903+/-0.053 χ^2/NDF:71017.3/17

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -141.910+/-0.053 χ^2/NDF:43993.5/15

Left: -142.923+/-0.037 χ^2/NDF: 115717.2/33

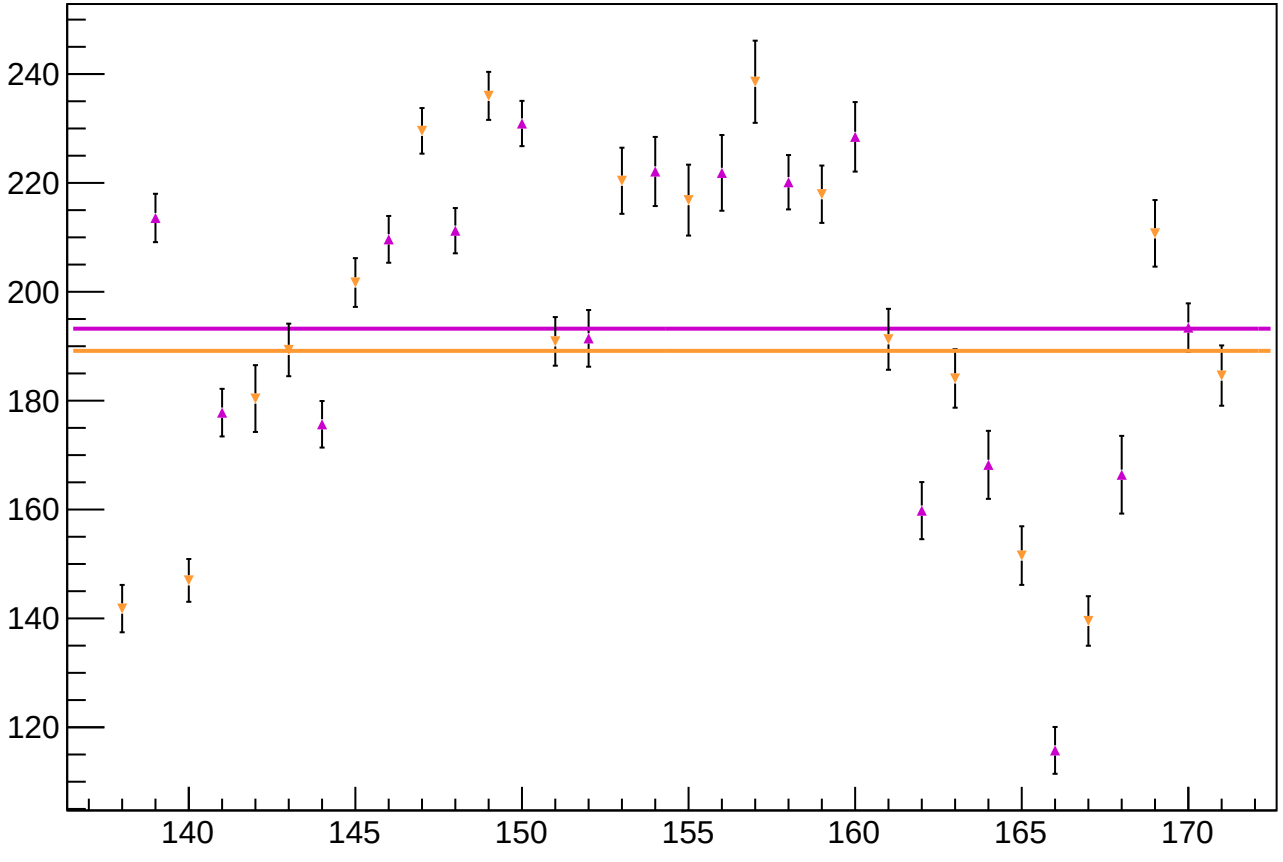
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -138.016+/-0.046 χ^2/NDF:231255.4/32

Out: -136.005+/-0.044 χ^2/NDF:317238.5/36

All: -136.978+/-0.032 χ^2/NDF: 549486.0/69

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: 189.150+/-1.188 χ^2/NDF:748.4/17

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

Left In: 193.225+/-1.230 χ^2/NDF:658.1/15

Left: 191.117+/-0.855 χ^2/NDF: 1412.2/33

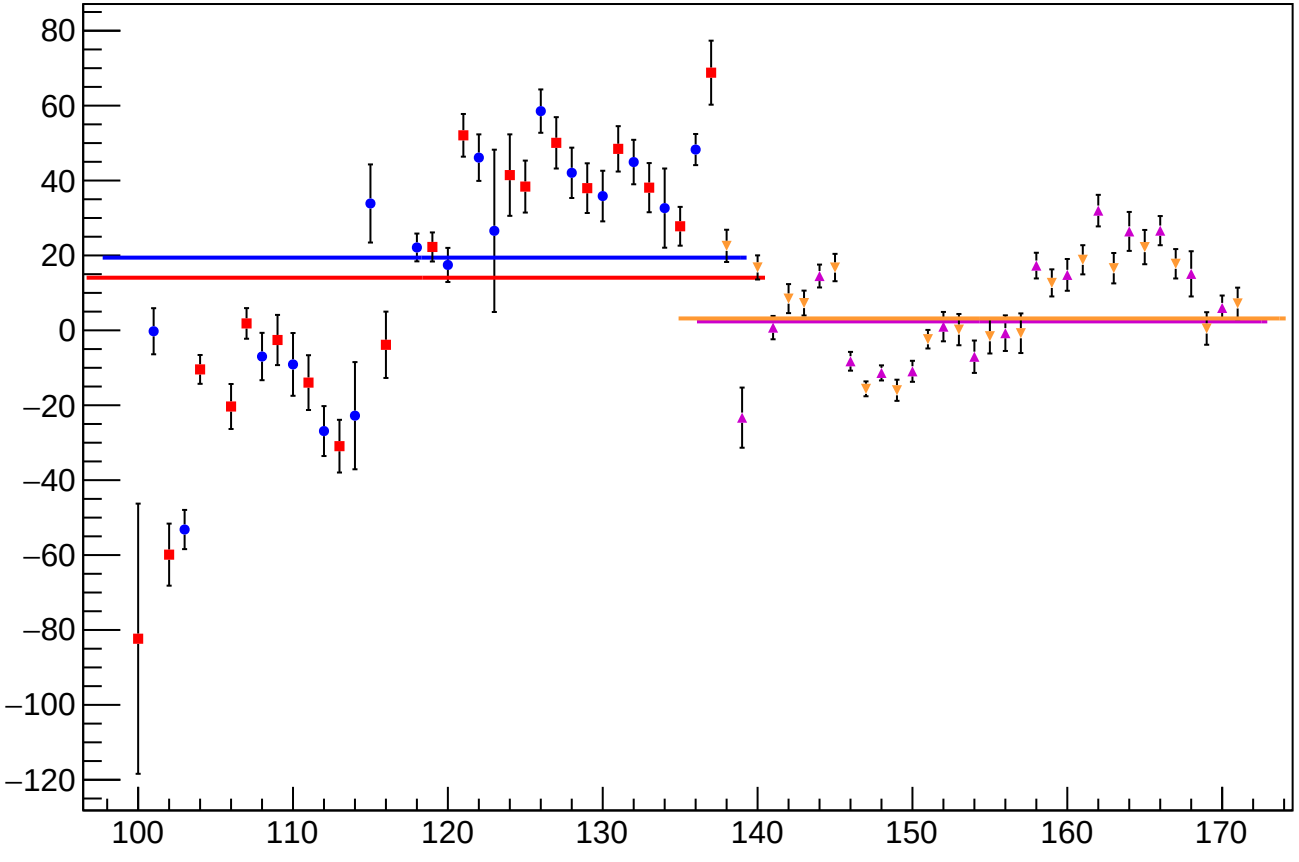
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 193.225+/-1.230 χ^2/NDF:658.1/15

Out: 189.150+/-1.188 χ^2/NDF:748.4/17

All: 191.117+/-0.855 χ^2/NDF: 1412.2/33

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: 3.178+/-0.819 χ^2/NDF:264.7/17

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 2.392+/-0.864 χ^2/NDF:261.1/15

Left: 2.806+/-0.595 χ^2/NDF: 526.2/33

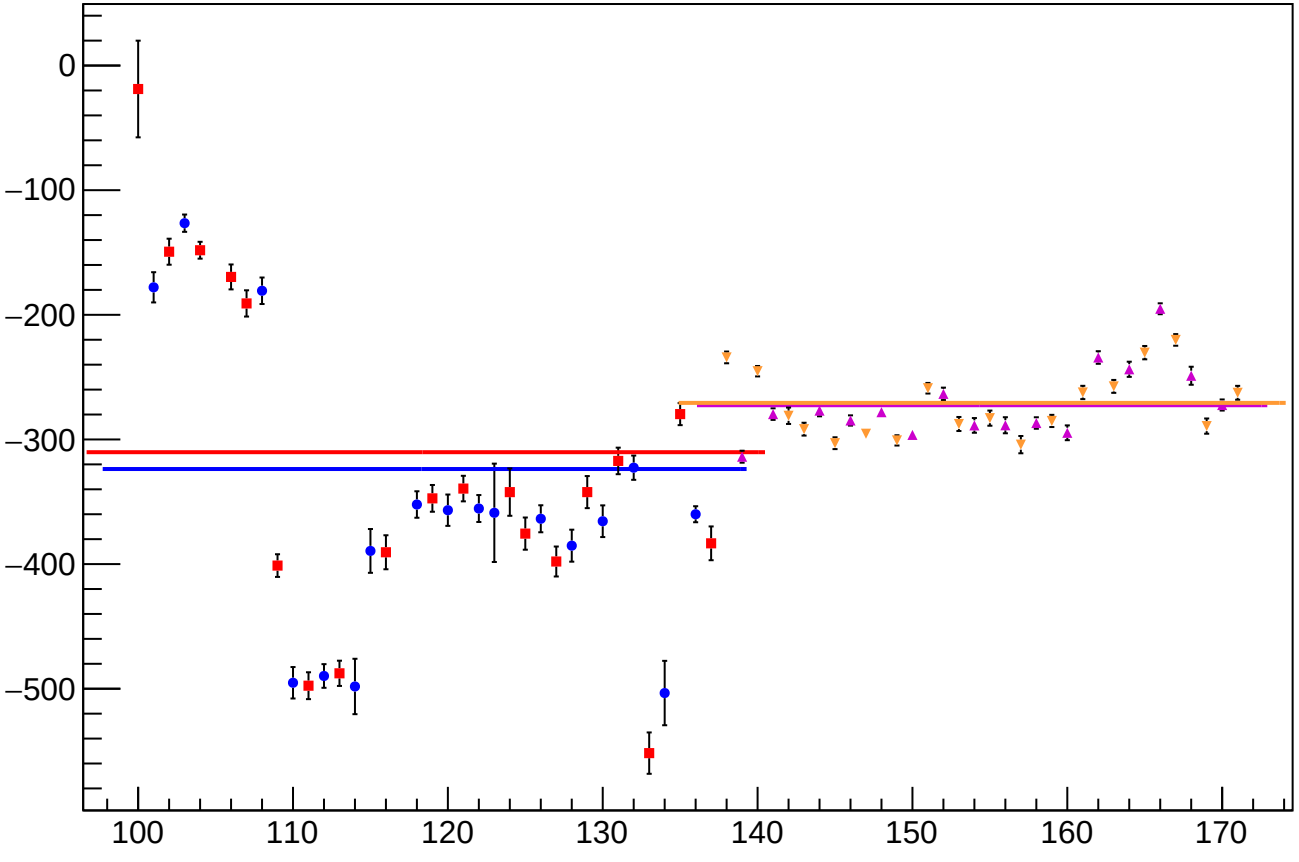
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 6.722+/-0.746 χ^2/NDF:800.9/32

Out: 5.977+/-0.706 χ^2/NDF:746.5/36

All: 6.329+/-0.513 χ^2/NDF: 1547.9/69

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: -270.659+/-1.178 χ^2/NDF:503.1/17

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -272.534+/-1.208 χ^2/NDF:568.8/15

Left: -271.572+/-0.844 χ^2/NDF: 1073.2/33

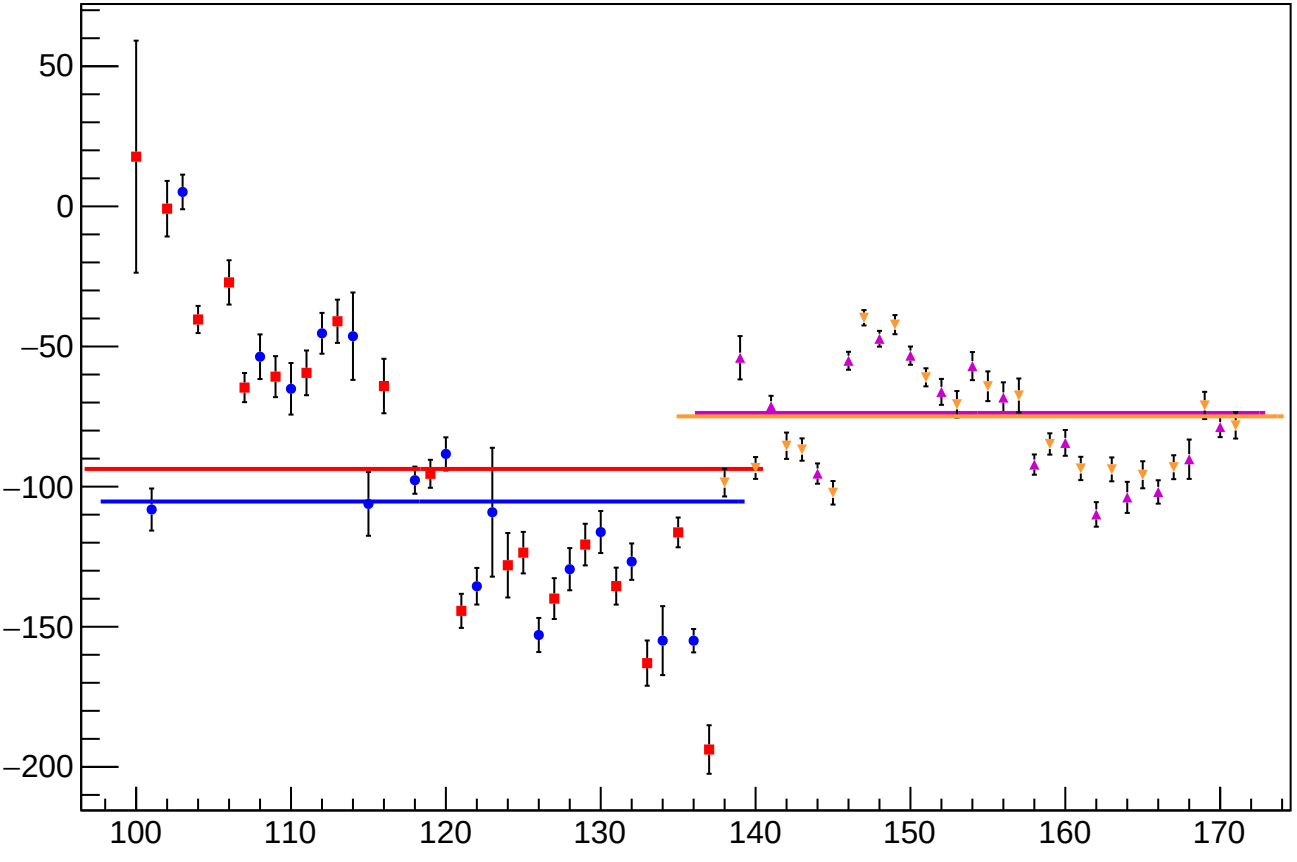
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -281.247+/-1.101 χ^2/NDF:2725.0/32

Out: -277.744+/-1.068 χ^2/NDF:3005.0/36

All: -279.442+/-0.766 χ^2/NDF: 5735.2/69

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: -74.919+/-0.970 χ^2/NDF:467.3/17

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -73.712+/-1.018 χ^2/NDF:401.0/15

Left: -74.344+/-0.702 χ^2/NDF: 869.1/33

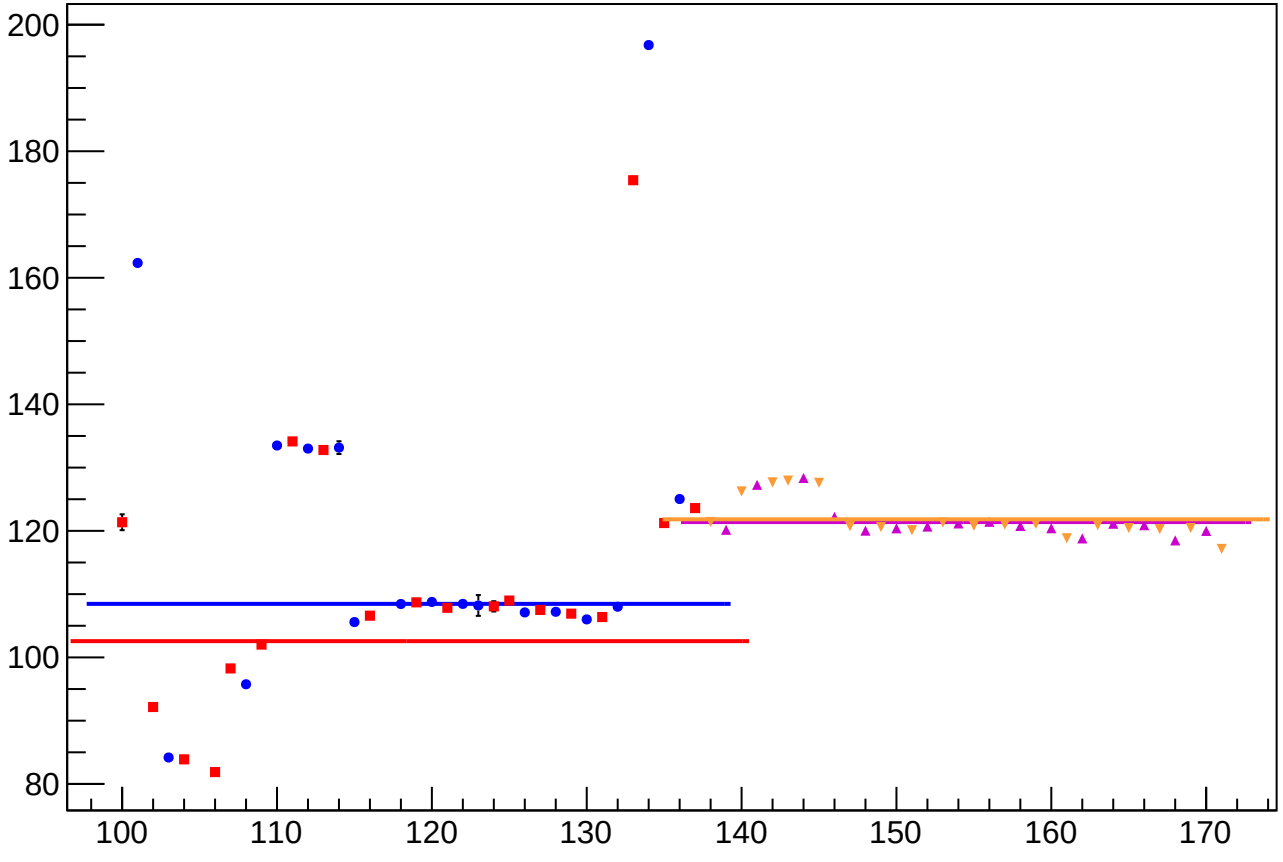
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -82.097+/-0.872 χ^2/NDF:1394.3/32

Out: -79.911+/-0.831 χ^2/NDF:1393.3/36

All: -80.951+/-0.602 χ^2/NDF: 2790.9/69

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 121.824+/-0.047 χ^2/NDF:4085.4/17

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 121.390+/-0.048 χ^2/NDF:2779.1/15

Left: 121.612+/-0.034 χ^2/NDF: 6906.3/33

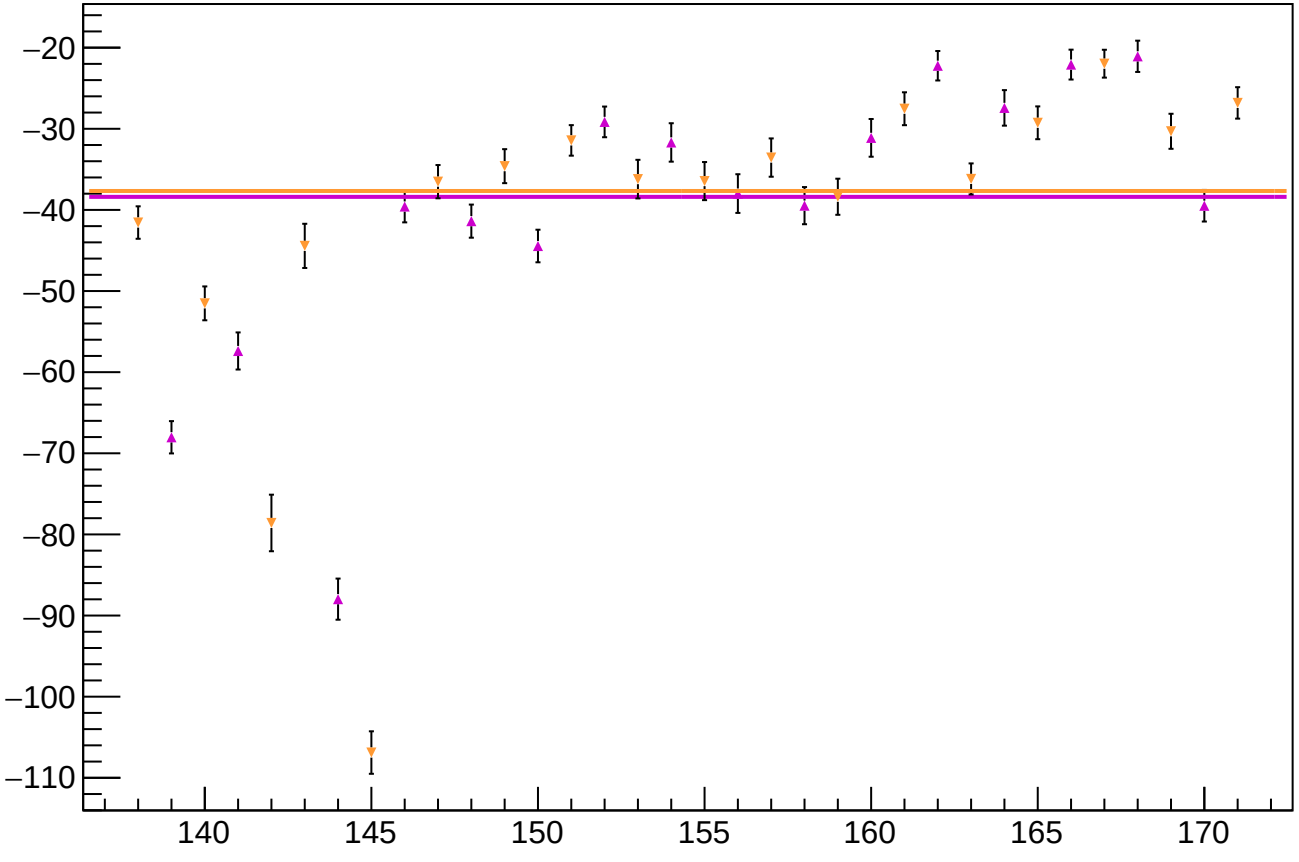
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 118.247+/-0.042 χ^2/NDF:93709.7/32

Out: 116.851+/-0.040 χ^2/NDF:100779.2/36

All: 117.525+/-0.029 χ^2/NDF: 195065.9/69

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: -37.667+/-0.506 χ^2/NDF:1076.9/17

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

Left In: -38.391+/-0.520 χ^2/NDF:990.5/15

Left: -38.019+/-0.363 χ^2/NDF: 2068.4/33

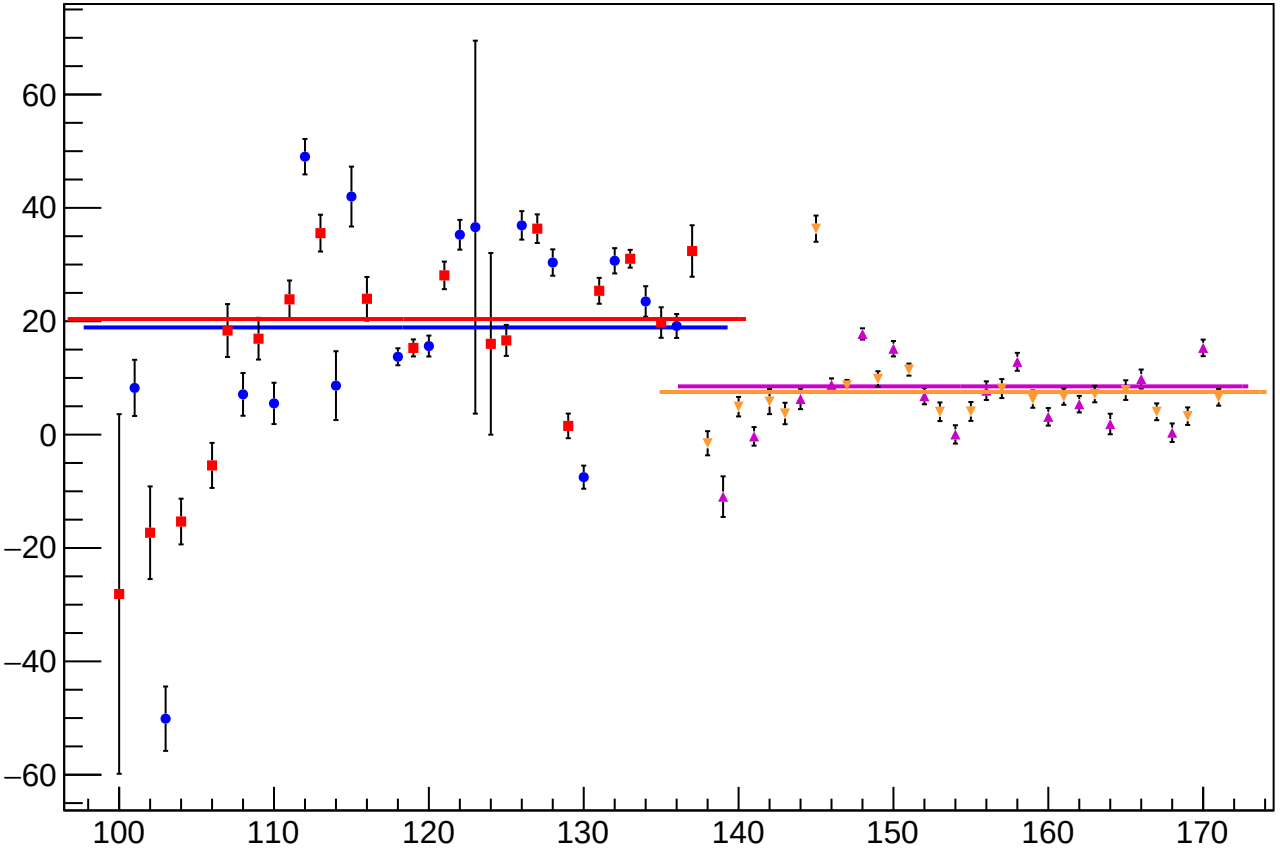
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.391+/-0.520 χ^2/NDF:990.5/15

Out: -37.667+/-0.506 χ^2/NDF:1076.9/17

All: -38.019+/-0.363 χ^2/NDF: 2068.4/33

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 7.519+/-0.357 χ^2/NDF:222.0/17

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 8.511+/-0.375 χ^2/NDF:284.5/15

Left: 7.991+/-0.259 χ^2/NDF: 510.2/33

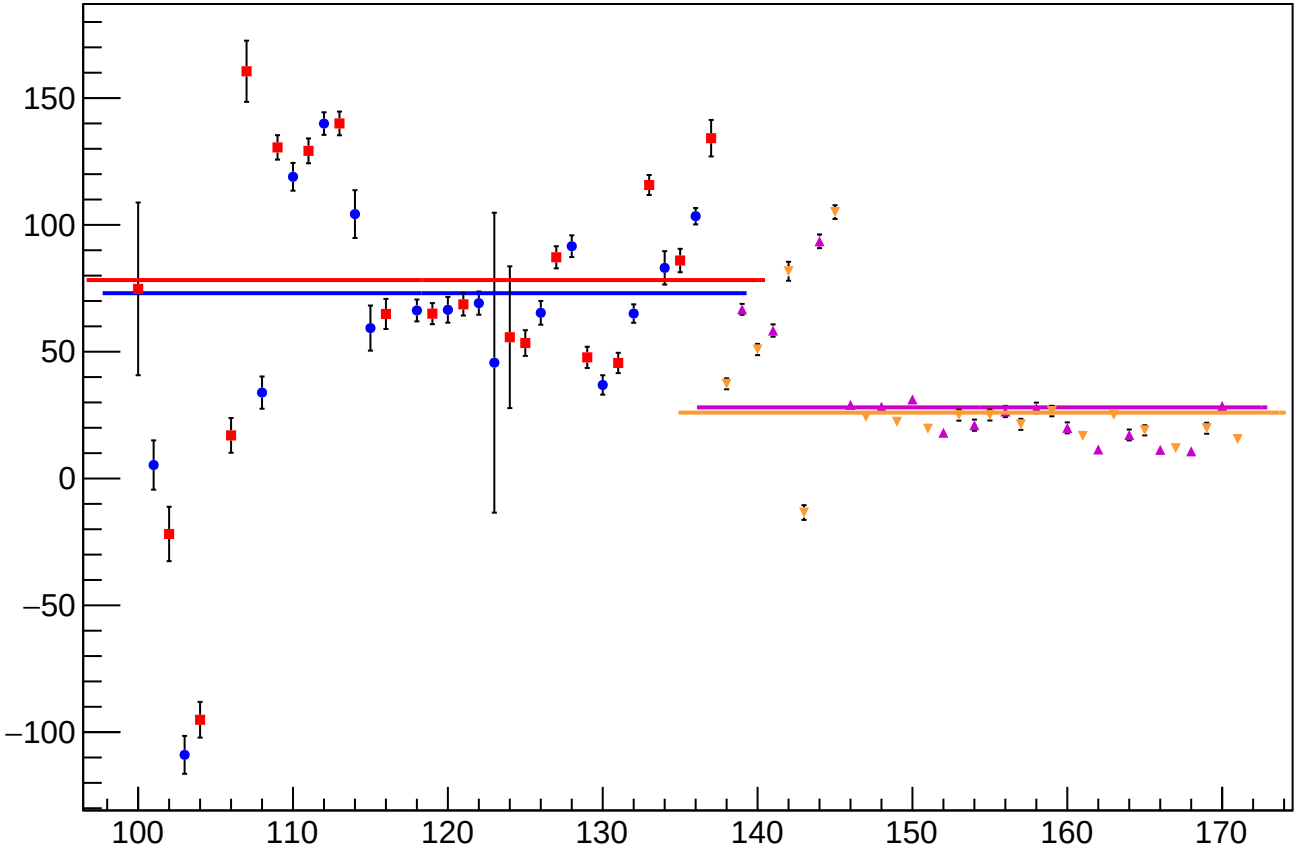
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 11.146+/-0.324 χ^2/NDF:1098.3/32

Out: 10.546+/-0.312 χ^2/NDF:892.9/36

All: 10.835+/-0.225 χ^2/NDF: 1993.0/69

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: 25.979+/-0.497 χ^2/NDF:1571.8/17

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 28.049+/-0.508 χ^2/NDF:1393.5/15

Left: 26.991+/-0.355 χ^2/NDF: 2973.8/33

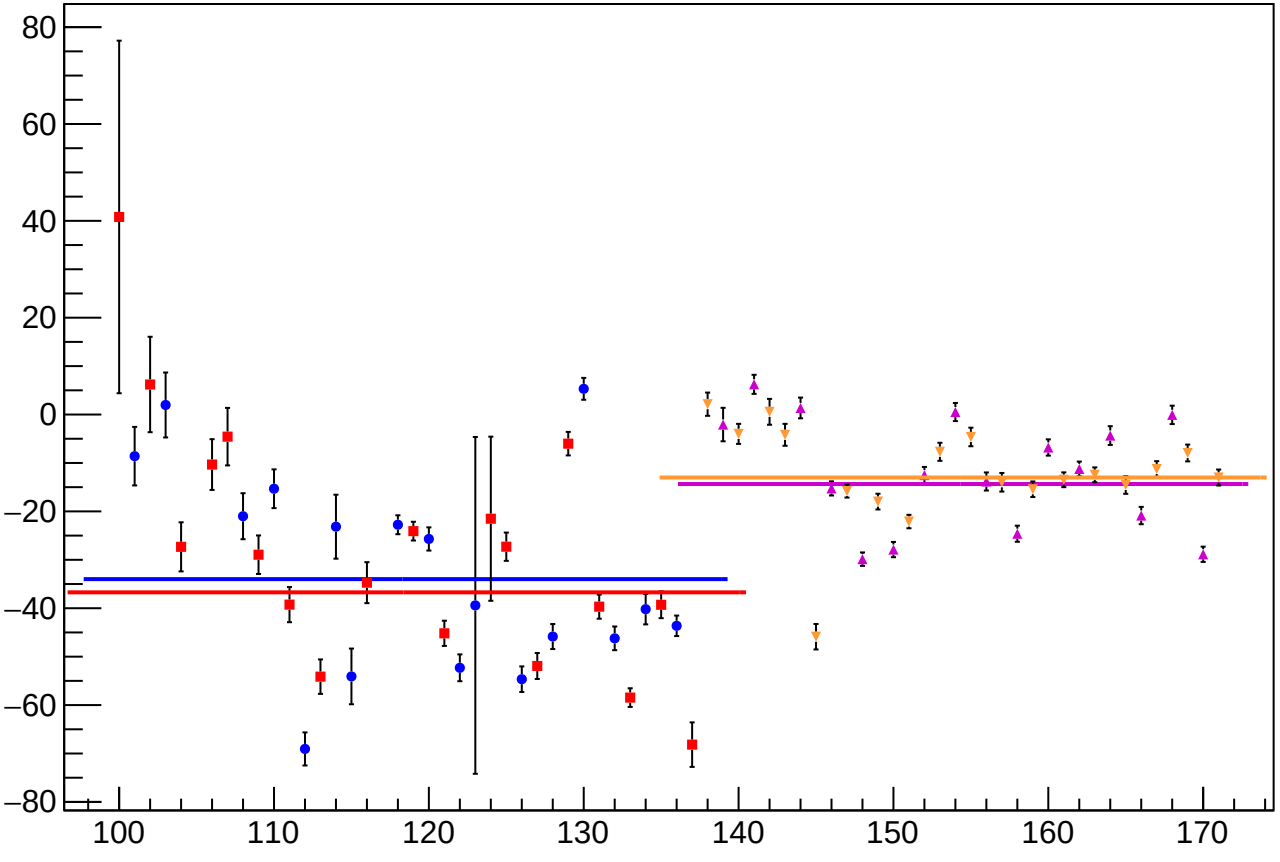
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 34.632+/-0.469 χ^2/NDF:3741.4/32

Out: 33.387+/-0.460 χ^2/NDF:4682.9/36

All: 33.997+/-0.329 χ^2/NDF: 8427.8/69

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: -13.007+/-0.415 χ^2/NDF:353.0/17

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -14.350+/-0.435 χ^2/NDF:683.0/15

Left: -13.647+/-0.300 χ^2/NDF: 1040.9/33

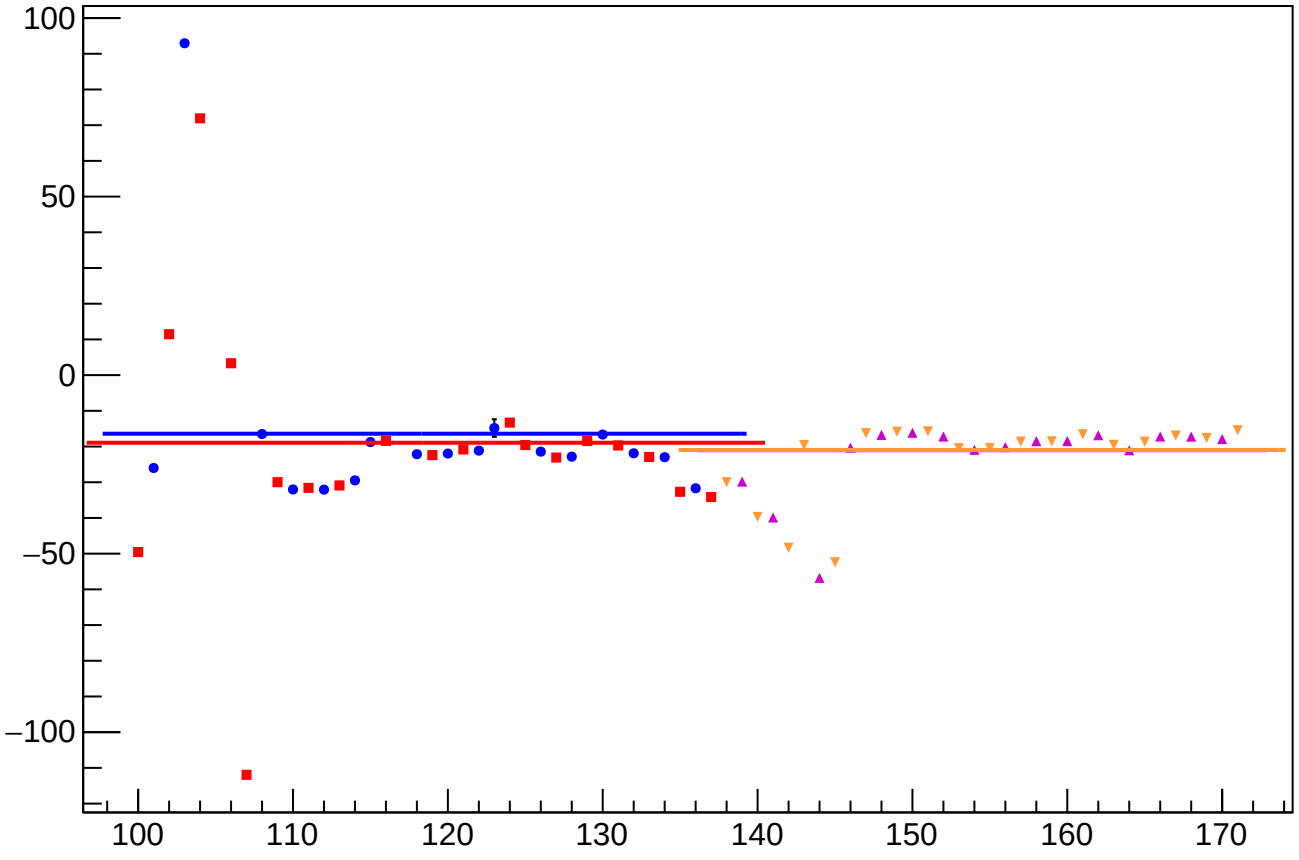
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -19.437+/-0.375 χ^2/NDF:1930.1/32

Out: -18.726+/-0.362 χ^2/NDF:1681.8/36

All: -19.069+/-0.260 χ^2/NDF: 3613.8/69

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -20.956+/-0.019 χ^2/NDF:198232.1/17

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -21.029+/-0.020 χ^2/NDF:162745.6/15

Left: -20.992+/-0.014 χ^2/NDF: 360984.6/33

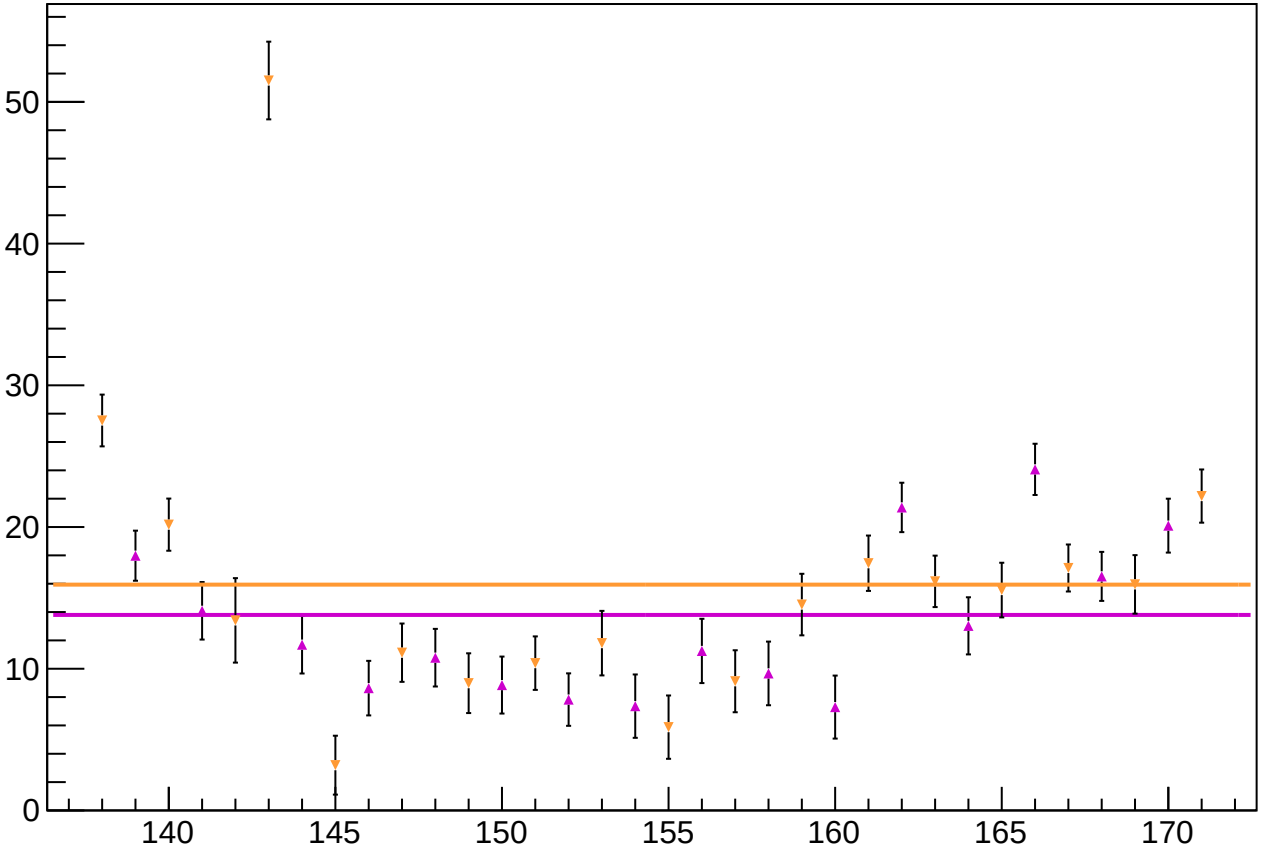
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -20.258+/-0.018 χ^2/NDF:646130.1/32

Out: -20.643+/-0.018 χ^2/NDF:634072.9/36

All: -20.454+/-0.013 χ^2/NDF: 1280433.2/69

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: 15.936+/-0.480 χ^2/NDF:323.0/17

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

Left In: 13.797+/-0.491 χ^2/NDF:118.9/15

Left: 14.892+/-0.343 χ^2/NDF: 451.6/33

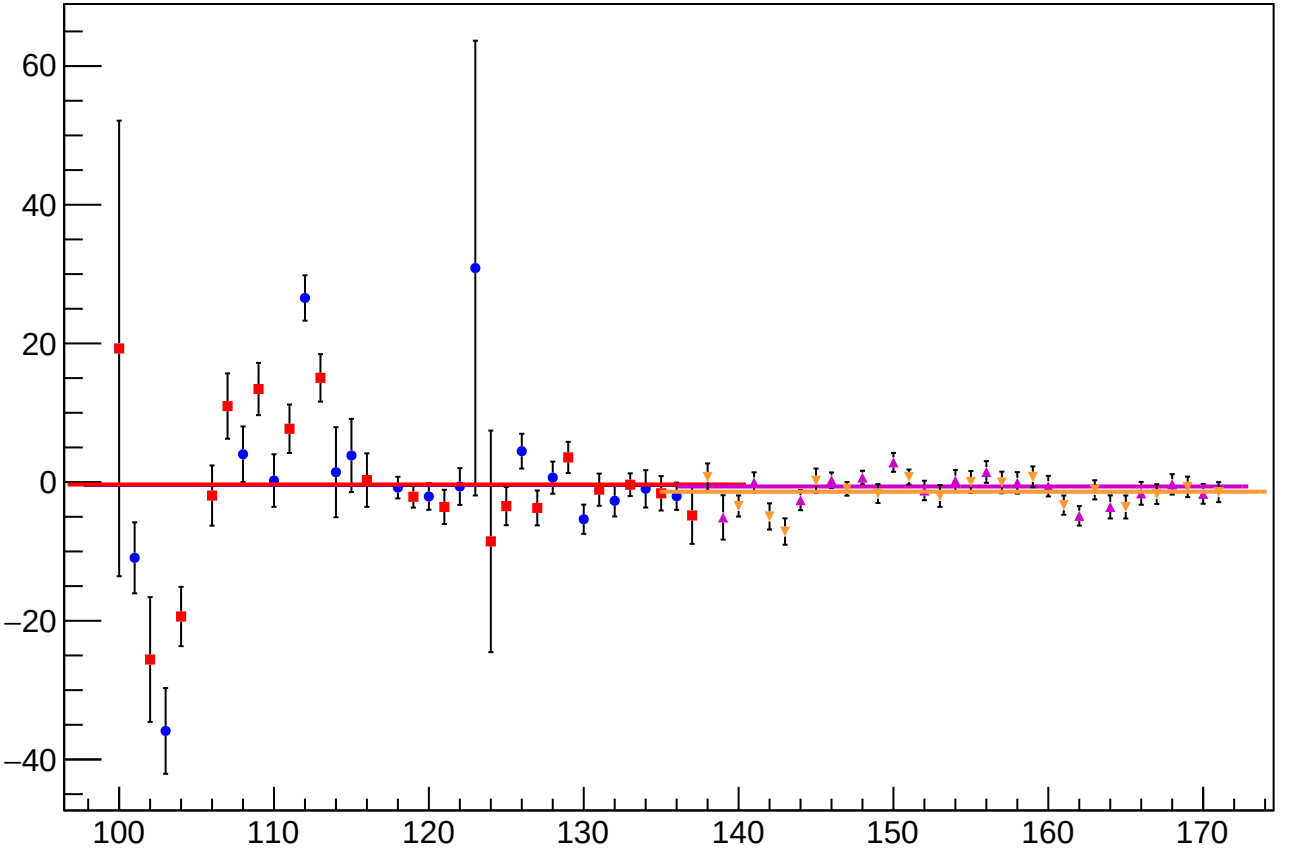
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.797+/-0.491 χ^2/NDF:118.9/15

Out: 15.936+/-0.480 χ^2/NDF:323.0/17

All: 14.892+/-0.343 χ^2/NDF: 451.6/33

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: -1.387+/-0.343 χ^2/NDF:28.4/17

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -0.632+/-0.358 χ^2/NDF:28.3/15

Left: -1.026+/-0.248 χ^2/NDF: 59.0/33

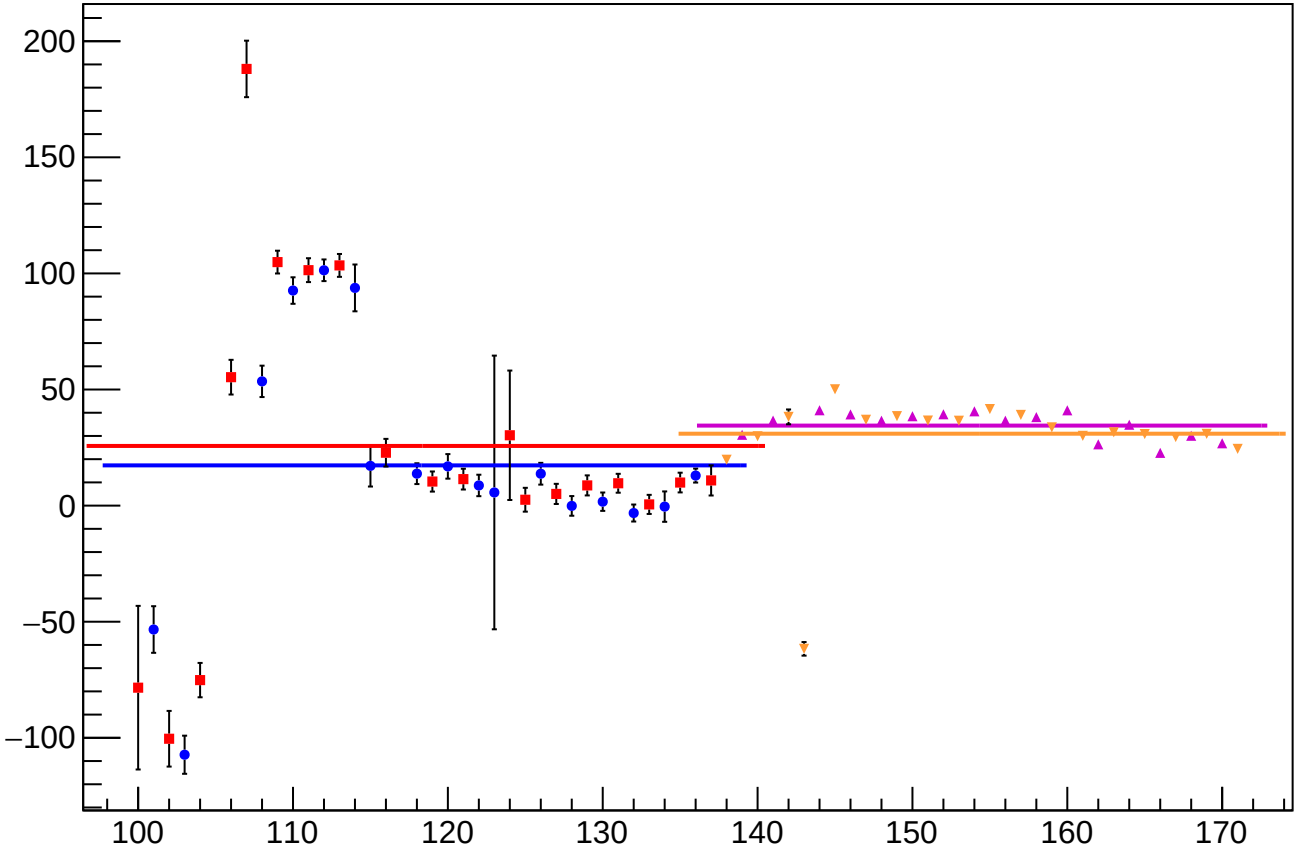
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.582+/-0.314 χ^2/NDF:148.3/32

Out: -1.164+/-0.304 χ^2/NDF:114.1/36

All: -0.882+/-0.218 χ^2/NDF: 264.2/69

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: 30.970+/-0.473 χ^2/NDF:1215.2/17

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 34.463+/-0.482 χ^2/NDF:143.9/15

Left: 32.684+/-0.338 χ^2/NDF: 1385.8/33

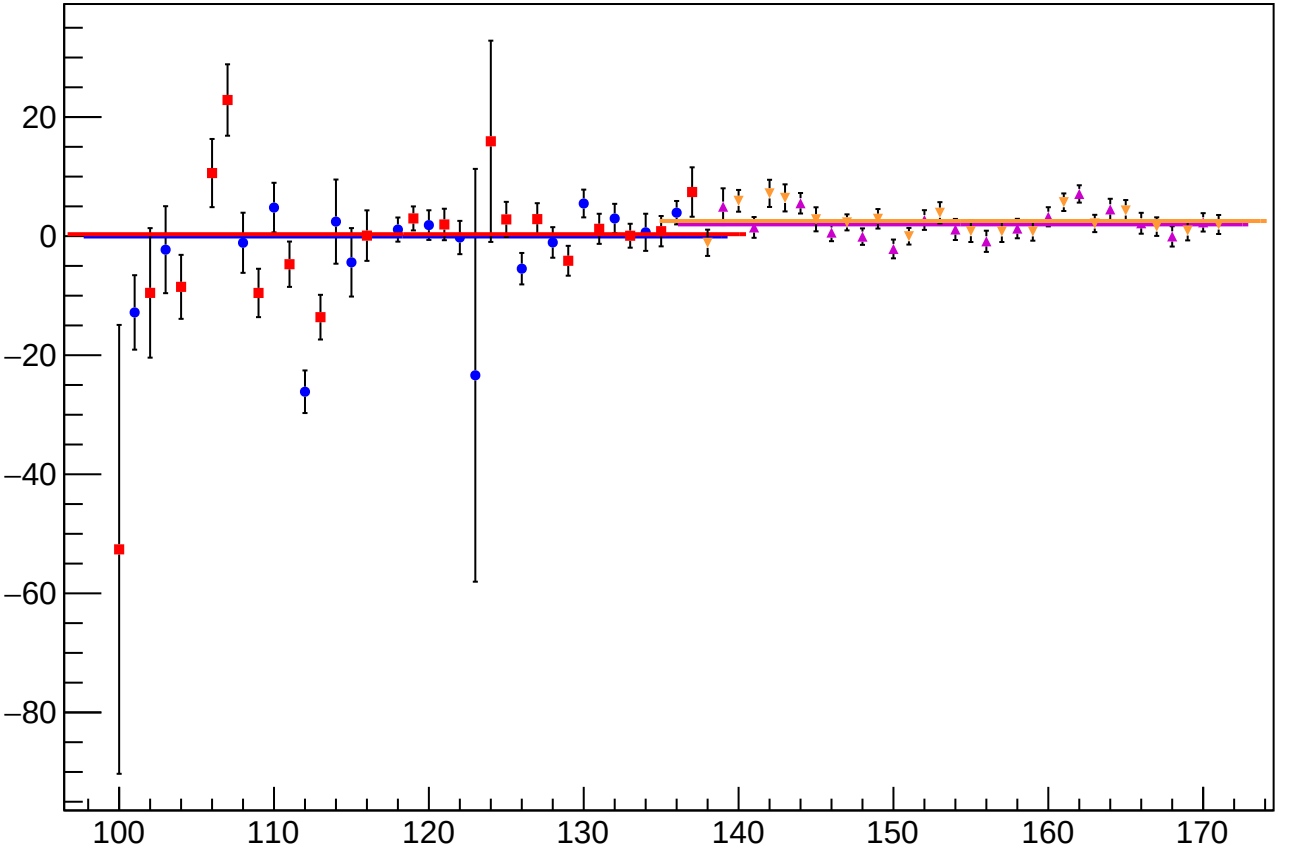
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 32.211+/-0.449 χ^2/NDF:1253.2/32

Out: 30.304+/-0.442 χ^2/NDF:2610.0/36

All: 31.242+/-0.315 χ^2/NDF: 3872.4/69

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: 2.539+/-0.397 χ^2/NDF:27.4/17

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 1.972+/-0.415 χ^2/NDF:34.8/15

Left: 2.268+/-0.287 χ^2/NDF: 63.2/33

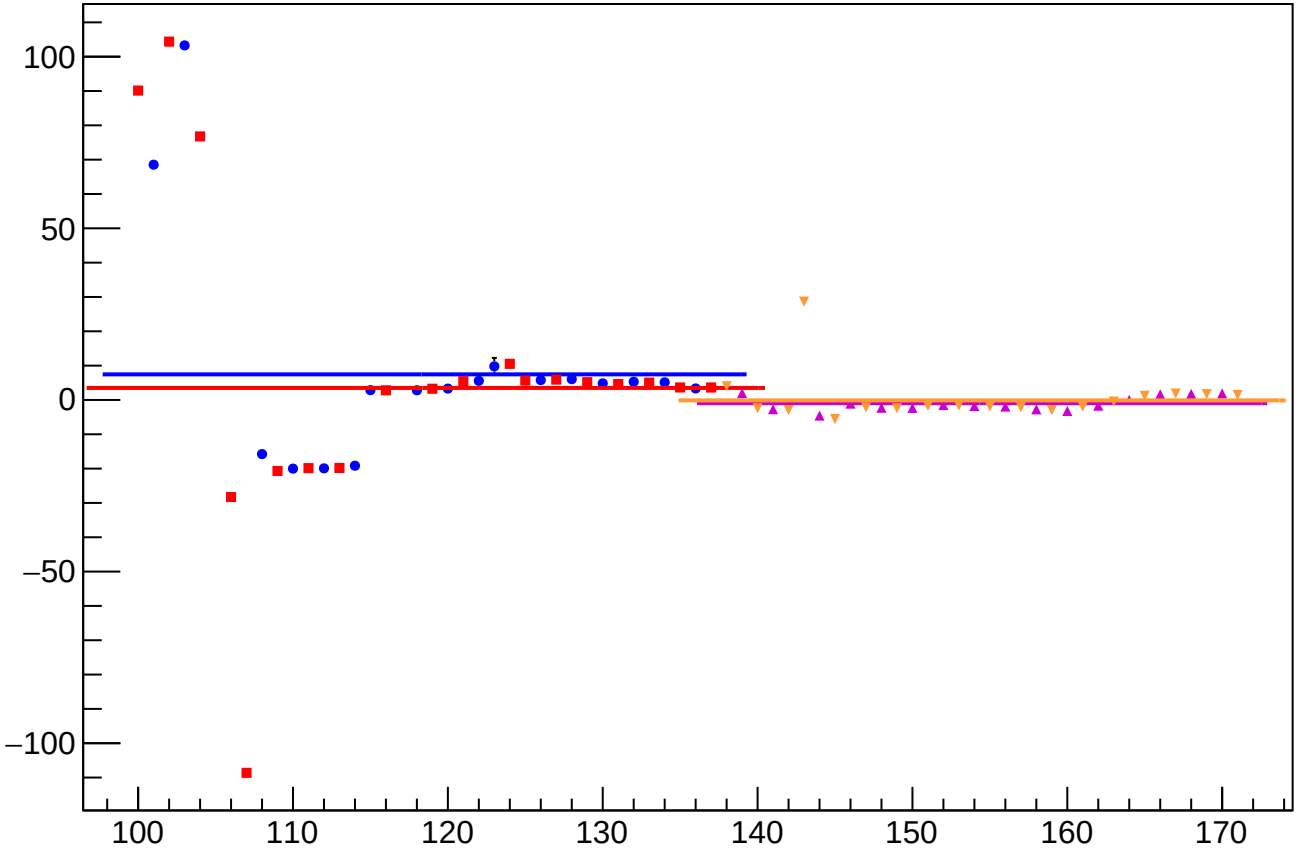
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 1.490+/-0.362 χ^2/NDF:117.0/32

Out: 2.053+/-0.351 χ^2/NDF:89.4/36

All: 1.780+/-0.252 χ^2/NDF: 207.6/69

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: -0.126+/-0.018 χ^2/NDF:76473.4/17

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -0.948+/-0.019 χ^2/NDF:10854.5/15

Left: -0.527+/-0.013 χ^2/NDF: 88304.4/33

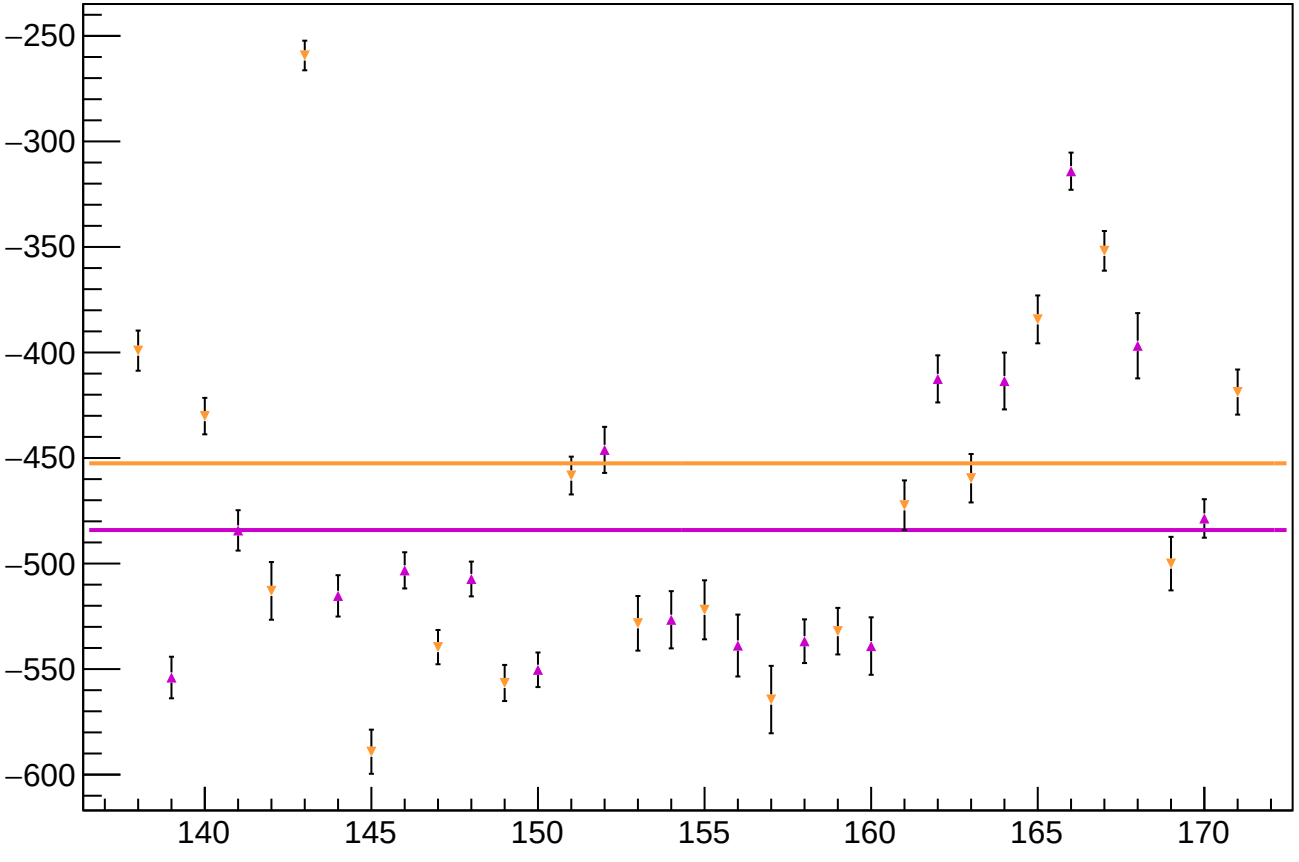
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 0.332+/-0.017 χ^2/NDF:397234.5/32

Out: 0.383+/-0.017 χ^2/NDF:592508.2/36

All: 0.358+/-0.012 χ^2/NDF: 989747.1/69

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: -452.511+/-2.407 χ^2/NDF:1587.9/17

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

Left In: -484.127+/-2.576 χ^2/NDF:690.5/15

Left: -467.251+/-1.759 χ^2/NDF: 2358.8/33

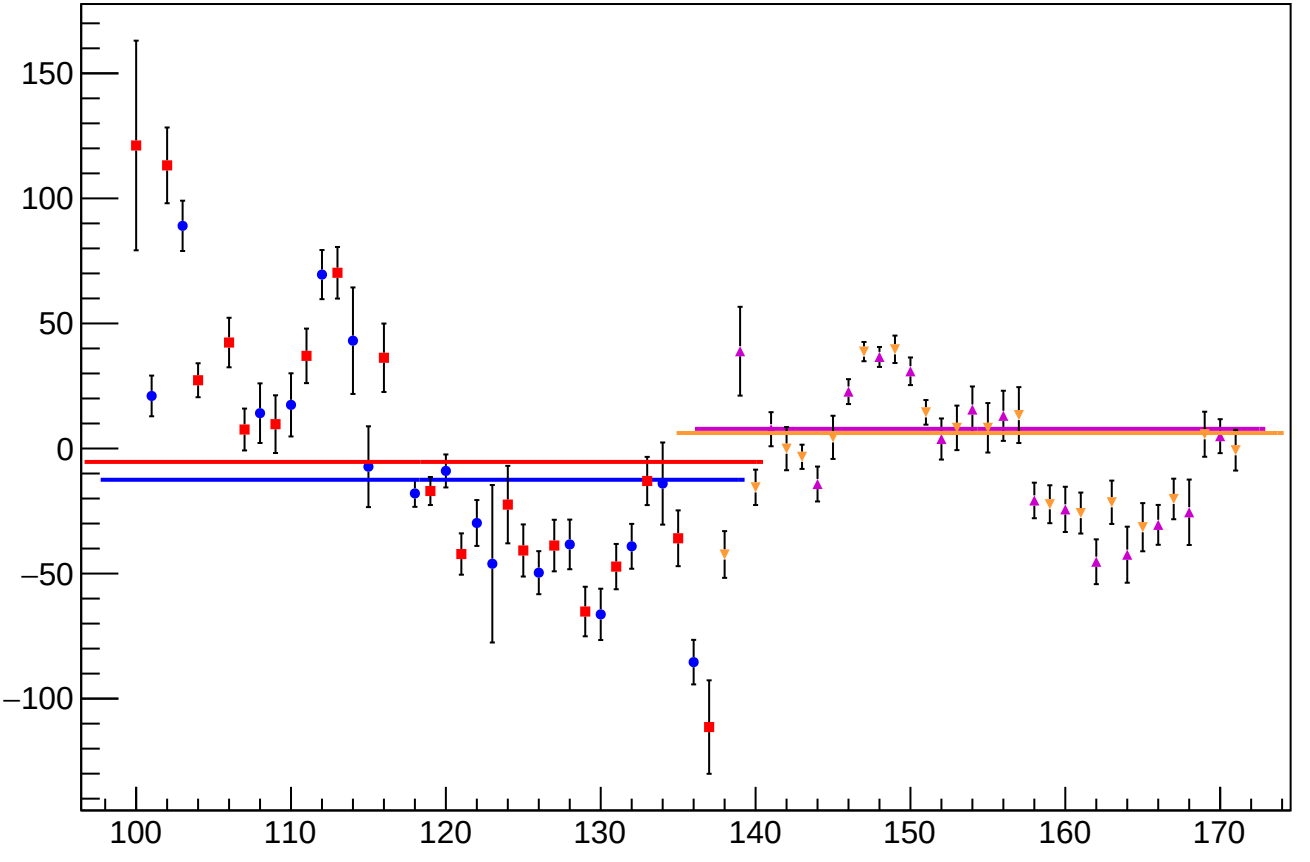
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -484.127+/-2.576 χ^2/NDF:690.5/15

Out: -452.511+/-2.407 χ^2/NDF:1587.9/17

All: -467.251+/-1.759 χ^2/NDF: 2358.8/33

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: 6.190+/-1.637 χ^2/NDF:219.4/17

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 7.858+/-1.786 χ^2/NDF:206.6/15

Left: 6.951+/-1.207 χ^2/NDF: 426.4/33

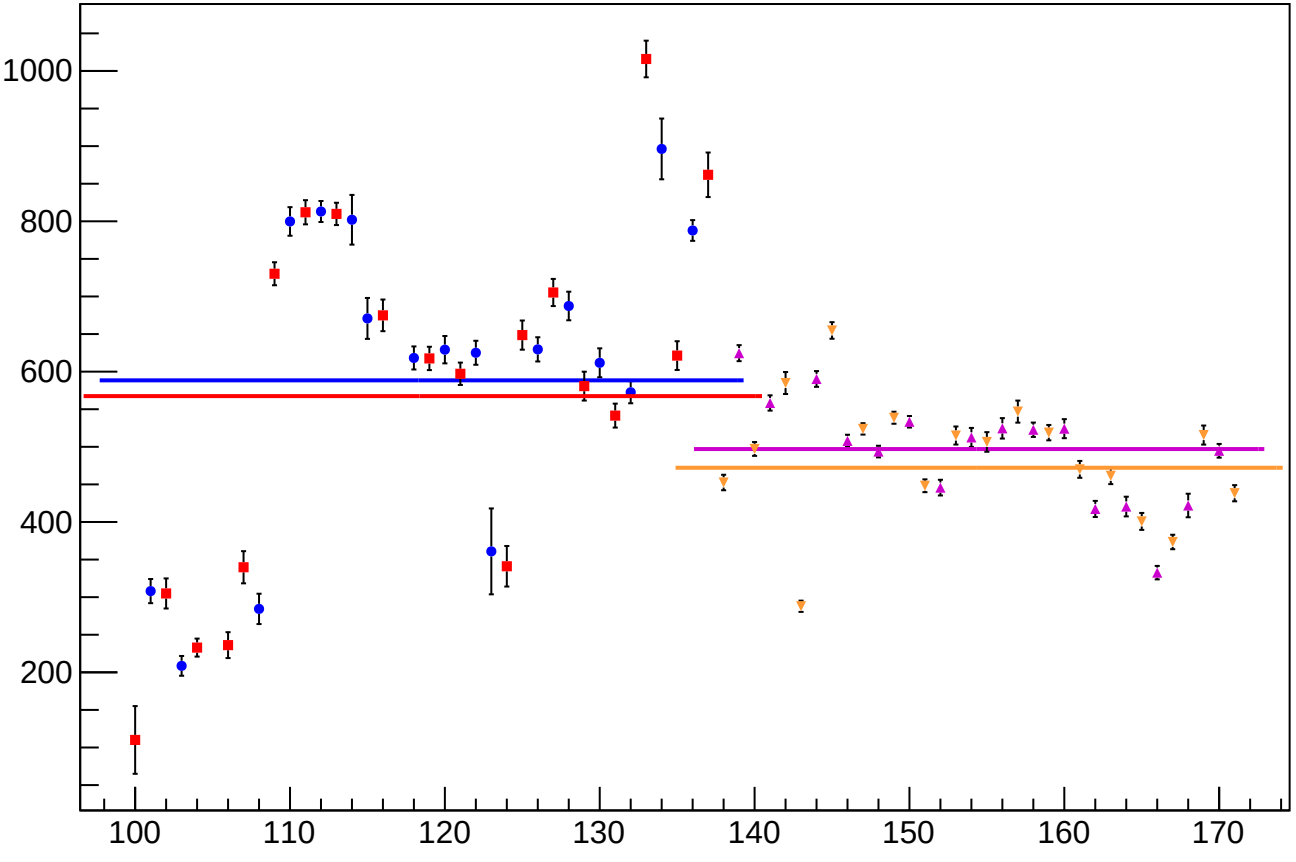
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: 0.244+/-1.413 χ^2/NDF:596.2/32

Out: 2.224+/-1.327 χ^2/NDF:581.0/36

All: 1.296+/-0.967 χ^2/NDF: 1178.3/69

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: 472.162+/-2.388 χ^2/NDF:1308.0/17

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 497.028+/-2.521 χ^2/NDF:772.7/15

Left: 483.922+/-1.734 χ^2/NDF: 2132.0/33

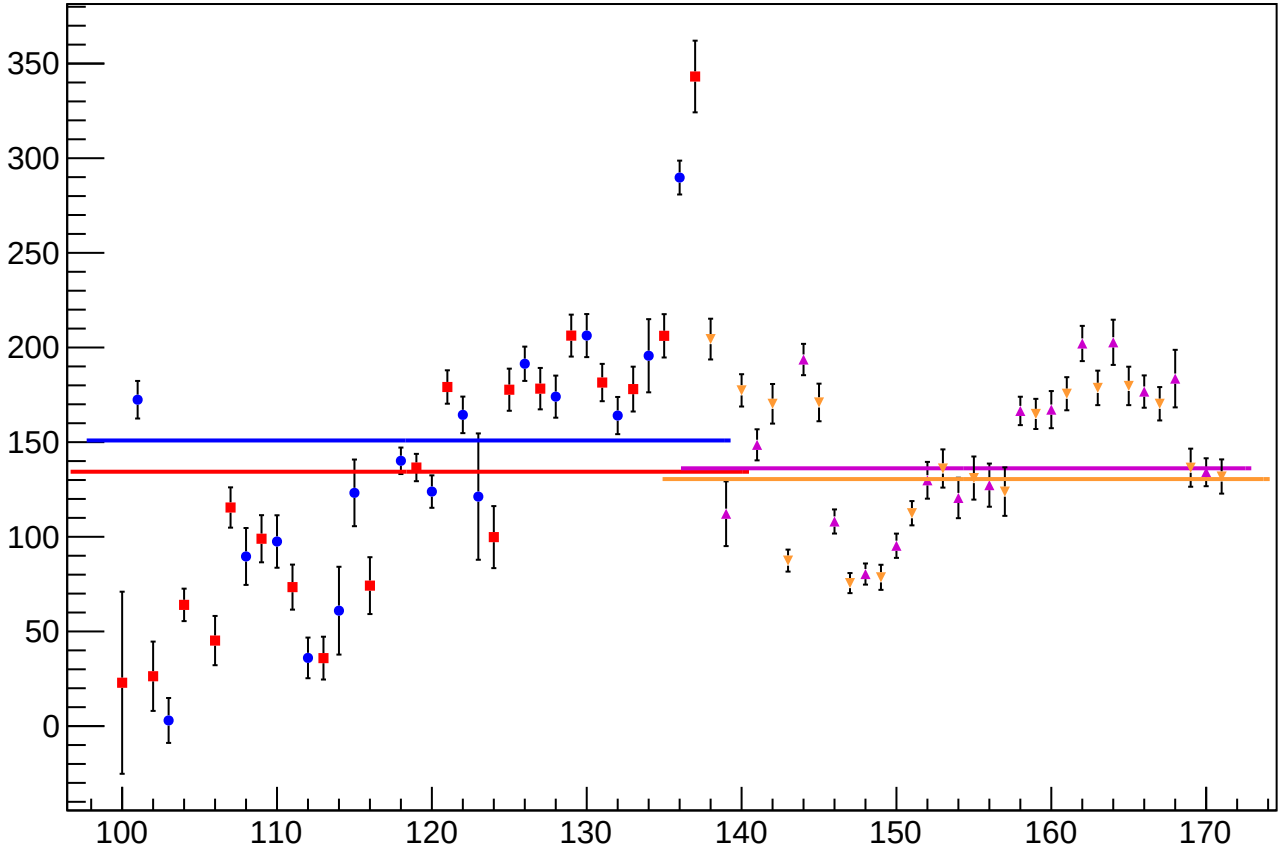
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 520.246+/-2.178 χ^2/NDF:3236.7/32

Out: 495.981+/-2.068 χ^2/NDF:4490.8/36

All: 507.489+/-1.500 χ^2/NDF: 7792.8/69

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: 130.499+/-1.950 χ^2/NDF:458.0/17

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 136.186+/-2.112 χ^2/NDF:355.8/15

Left: 133.115+/-1.433 χ^2/NDF: 817.7/33

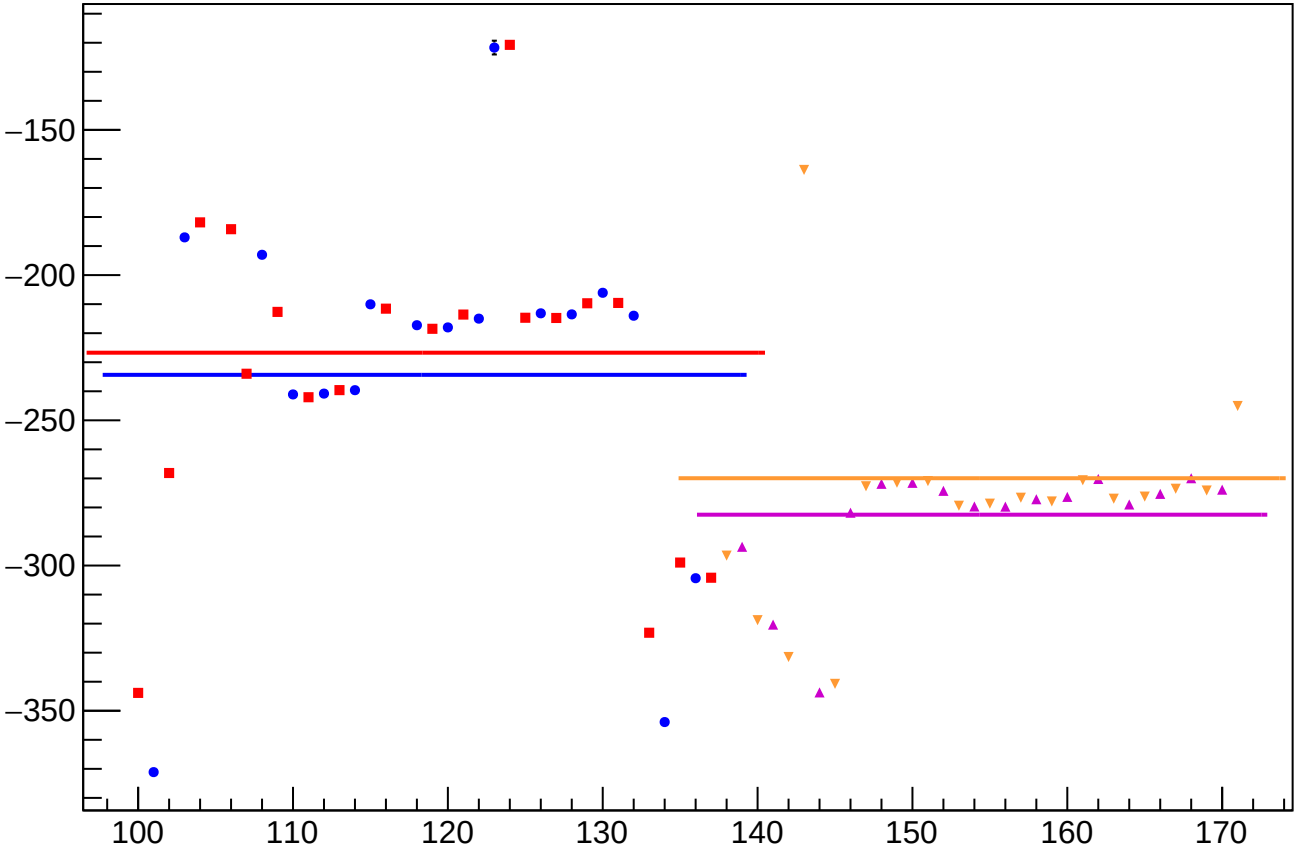
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 141.837+/-1.658 χ^2/NDF:1009.2/32

Out: 131.883+/-1.564 χ^2/NDF:1044.3/36

All: 136.571+/-1.138 χ^2/NDF: 2072.6/69

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -269.936+/-0.095 χ^2/NDF:187586.1/17

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -282.492+/-0.100 χ^2/NDF:32508.6/15

Left: -275.887+/-0.069 χ^2/NDF: 228307.0/33

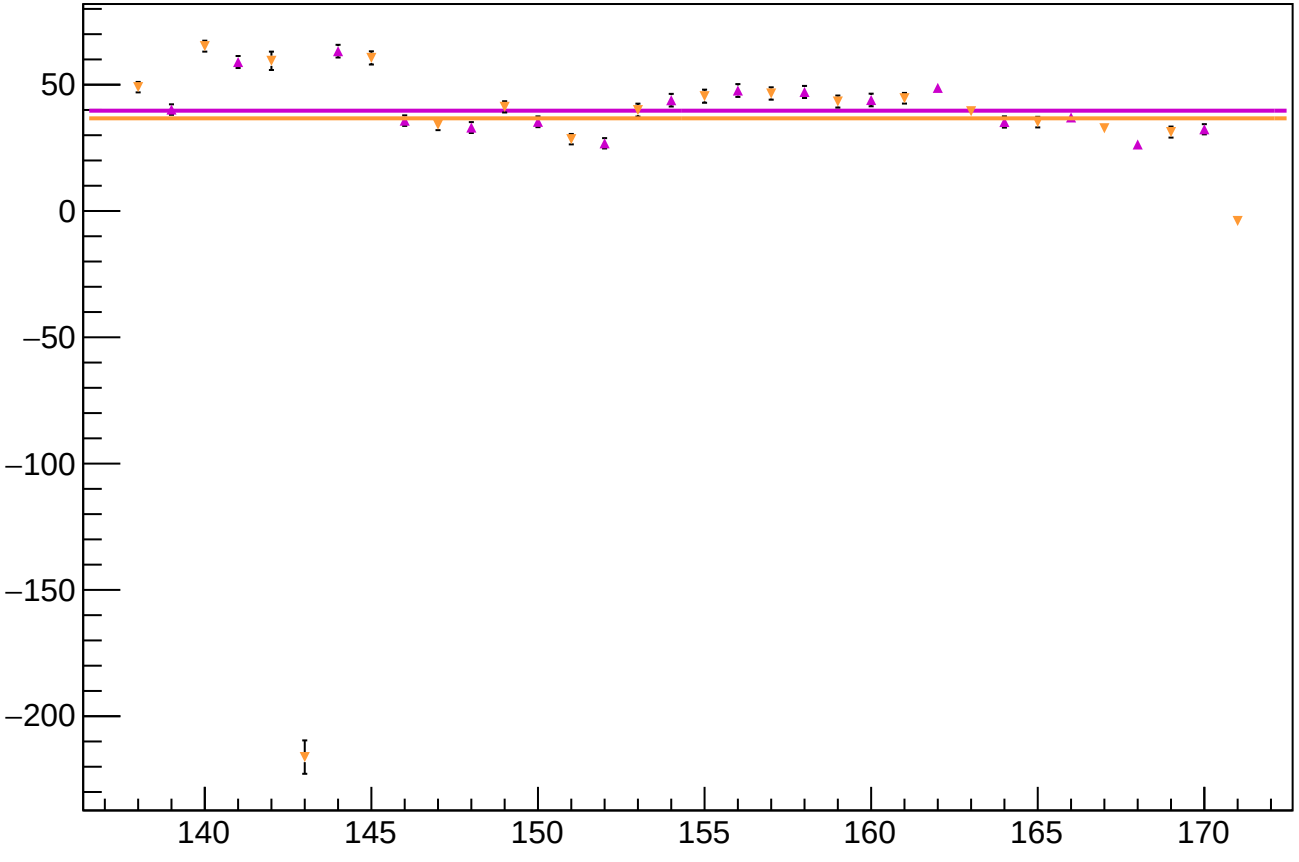
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -267.340+/-0.083 χ^2/NDF:249915.9/32

Out: -256.411+/-0.079 χ^2/NDF:351285.1/36

All: -261.597+/-0.057 χ^2/NDF: 610269.5/69

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: 36.683+/-0.535 χ^2/NDF:2335.1/17

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

Left In: 39.711+/-0.543 χ^2/NDF:327.3/15

Left: 38.175+/-0.381 χ^2/NDF: 2678.2/33

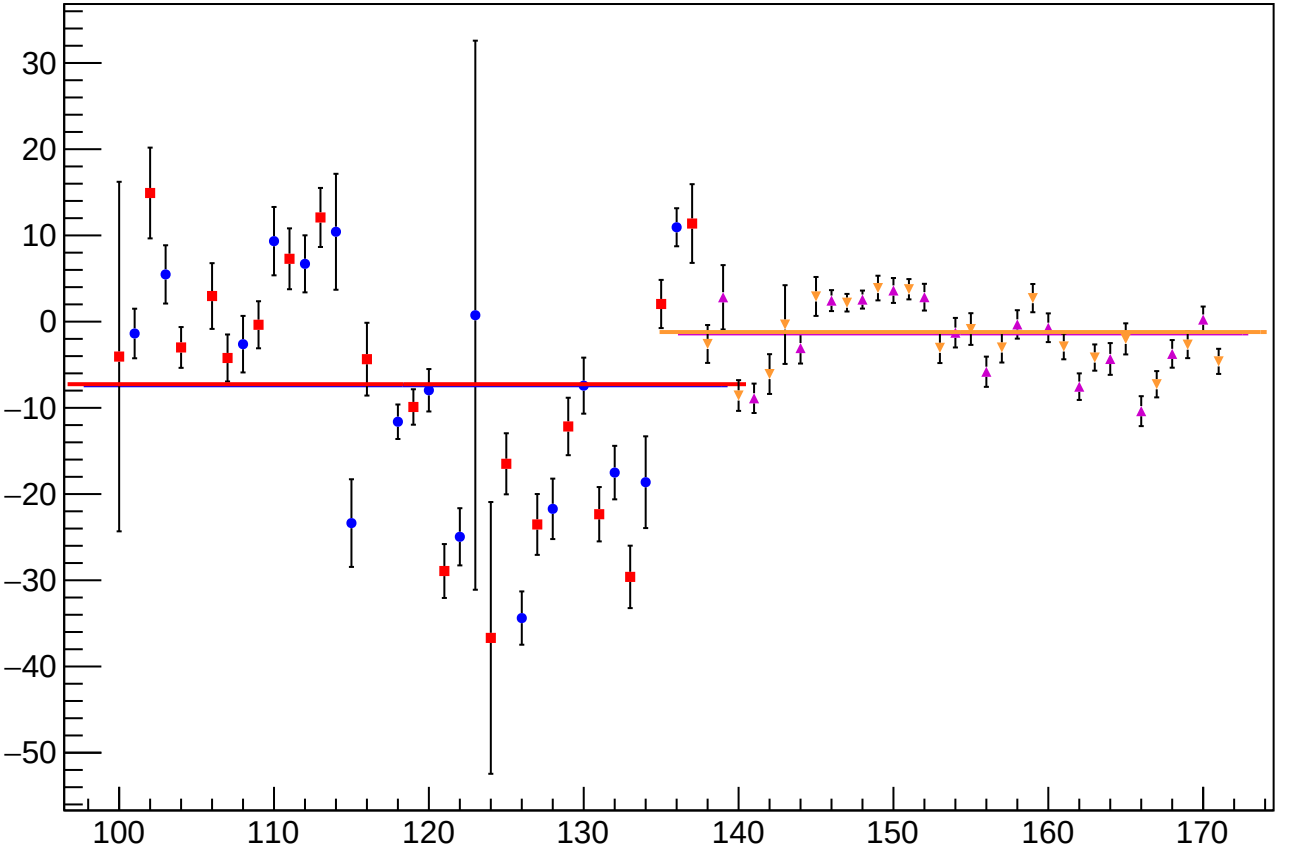
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 39.711+/-0.543 χ^2/NDF:327.3/15

Out: 36.683+/-0.535 χ^2/NDF:2335.1/17

All: 38.175+/-0.381 χ^2/NDF: 2678.2/33

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: -1.208+/-0.380 χ^2/NDF:102.2/17

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -1.366+/-0.393 χ^2/NDF:120.7/15

Left: -1.284+/-0.273 χ^2/NDF: 223.0/33

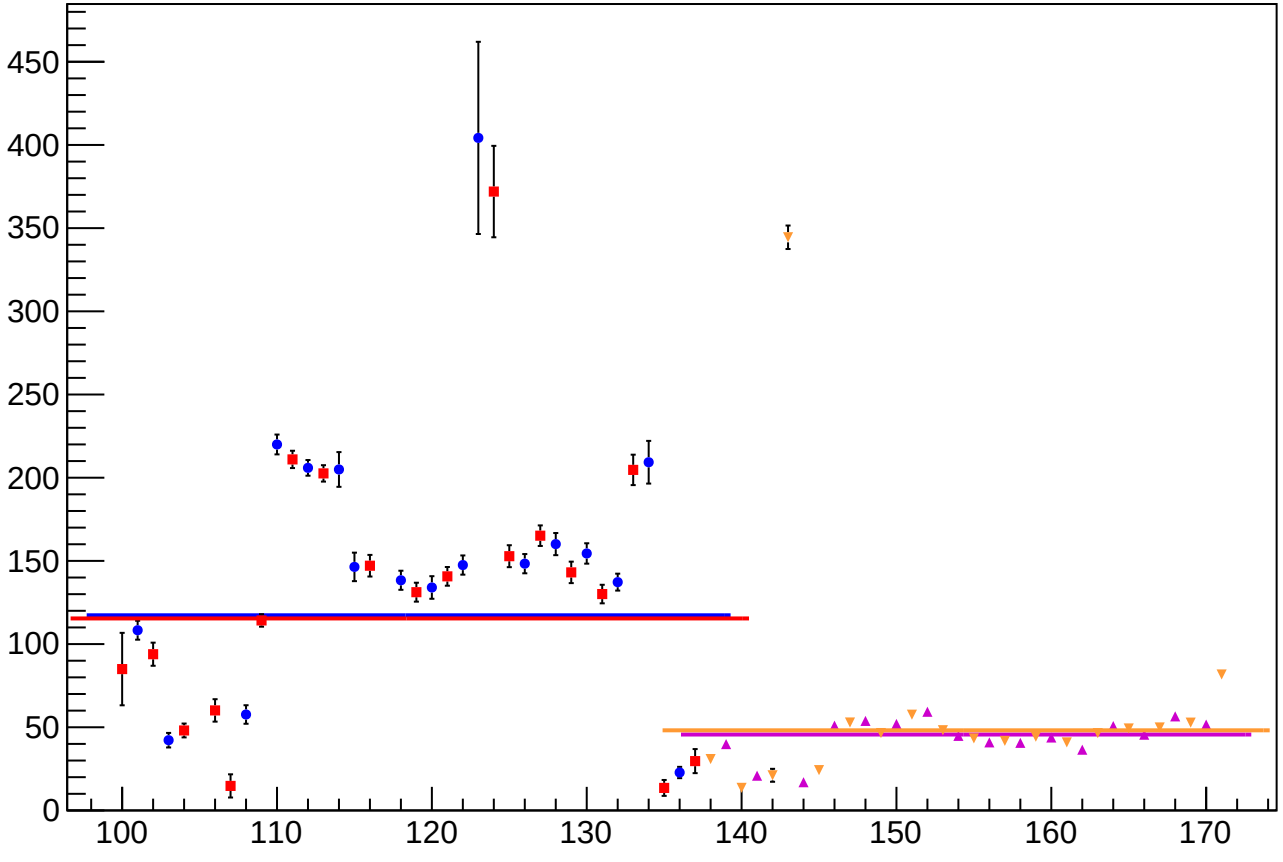
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -2.586+/-0.351 χ^2/NDF:451.9/32

Out: -2.410+/-0.340 χ^2/NDF:410.0/36

All: -2.495+/-0.244 χ^2/NDF: 862.0/69

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: 48.167+/-0.525 χ^2/NDF:2540.9/17

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 45.641+/-0.531 χ^2/NDF:379.5/15

Left: 46.918+/-0.373 χ^2/NDF: 2931.8/33

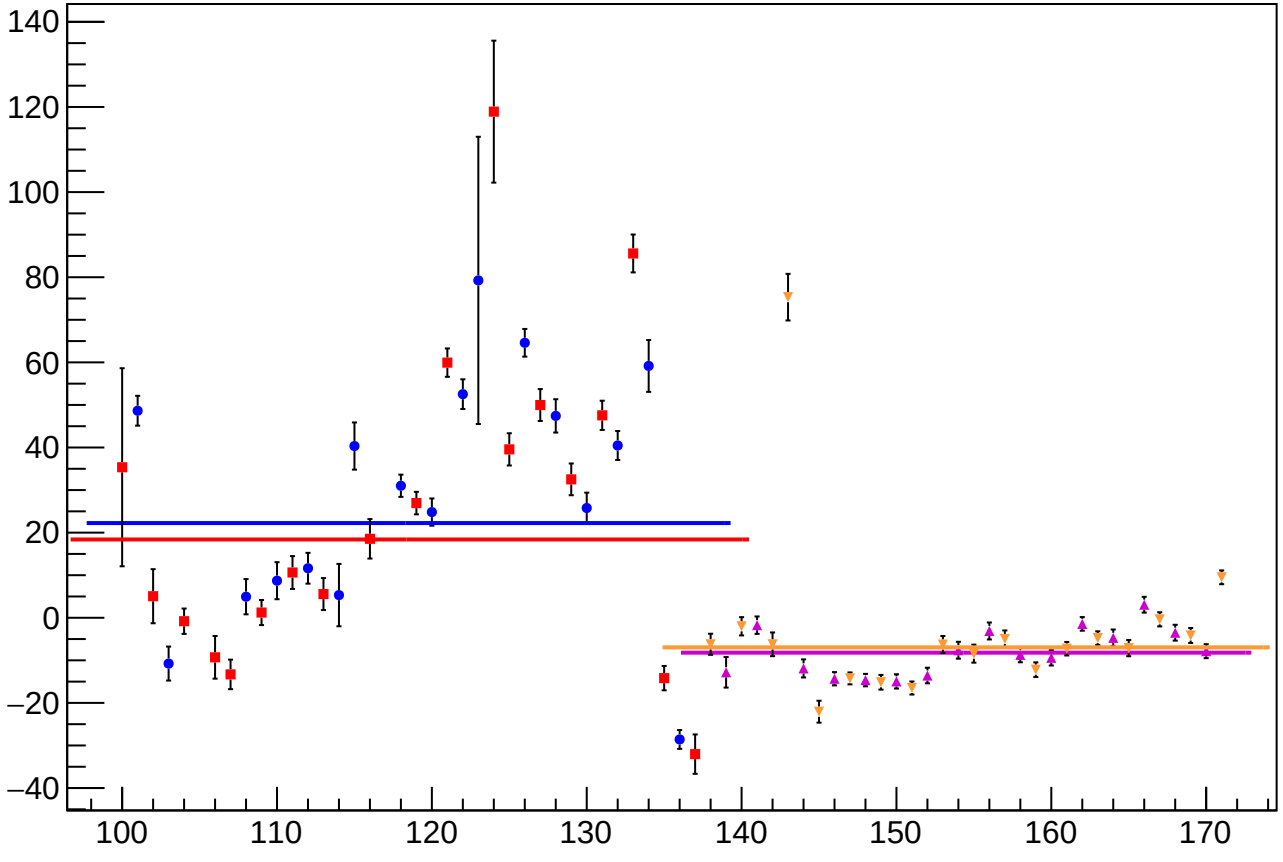
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 54.560+/-0.497 χ^2/NDF:4806.8/32

Out: 56.888+/-0.490 χ^2/NDF:6816.7/36

All: 55.741+/-0.349 χ^2/NDF: 11634.7/69

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: -6.945+/-0.440 χ^2/NDF:488.5/17

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -8.202+/-0.456 χ^2/NDF:145.6/15

Left: -7.552+/-0.317 χ^2/NDF: 638.0/33

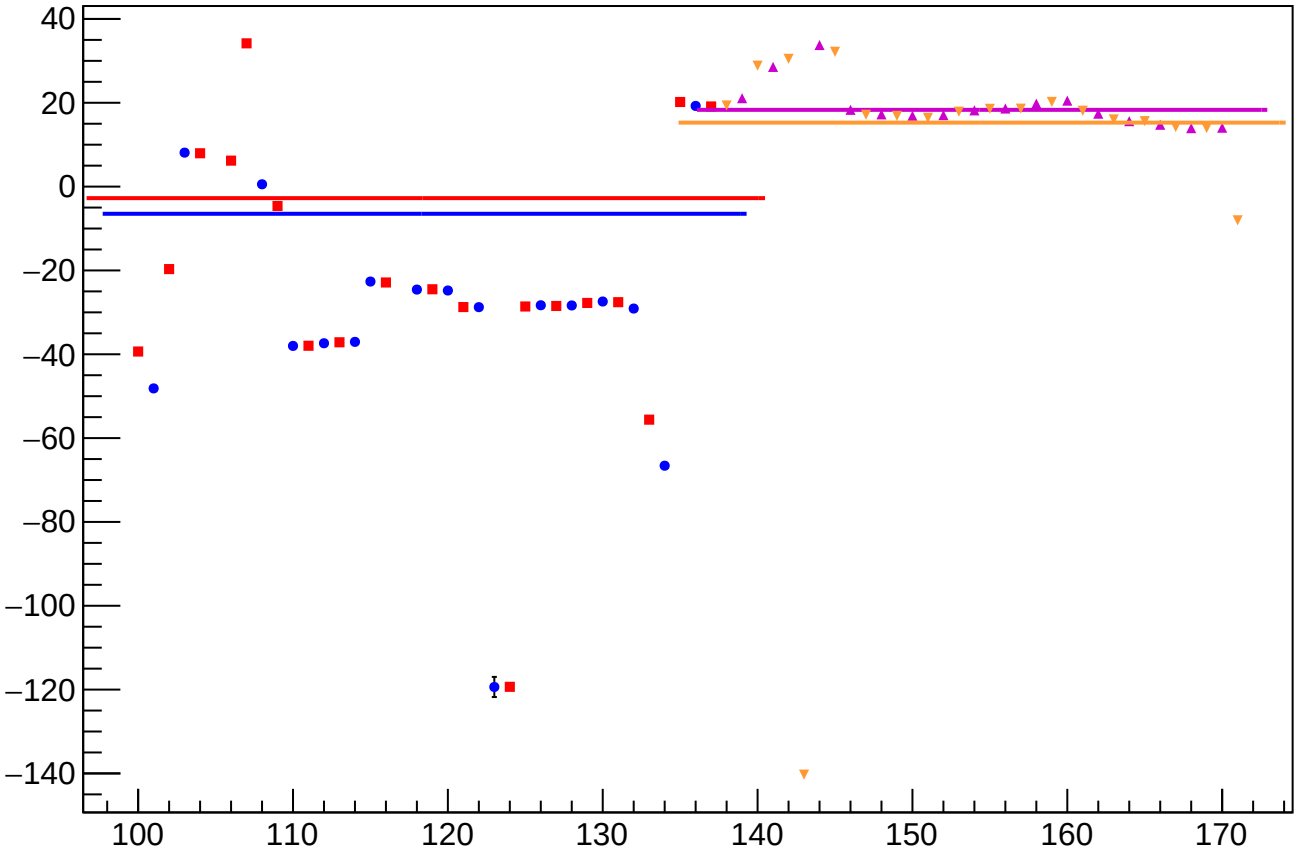
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: -1.868+/-0.405 χ^2/NDF:2146.1/32

Out: -1.792+/-0.393 χ^2/NDF:2238.6/36

All: -1.829+/-0.282 χ^2/NDF: 4384.7/69

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: 15.266+/-0.020 χ^2/NDF:486701.8/17

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 18.314+/-0.021 χ^2/NDF:40082.7/15

Left: 16.762+/-0.015 χ^2/NDF: 537722.7/33

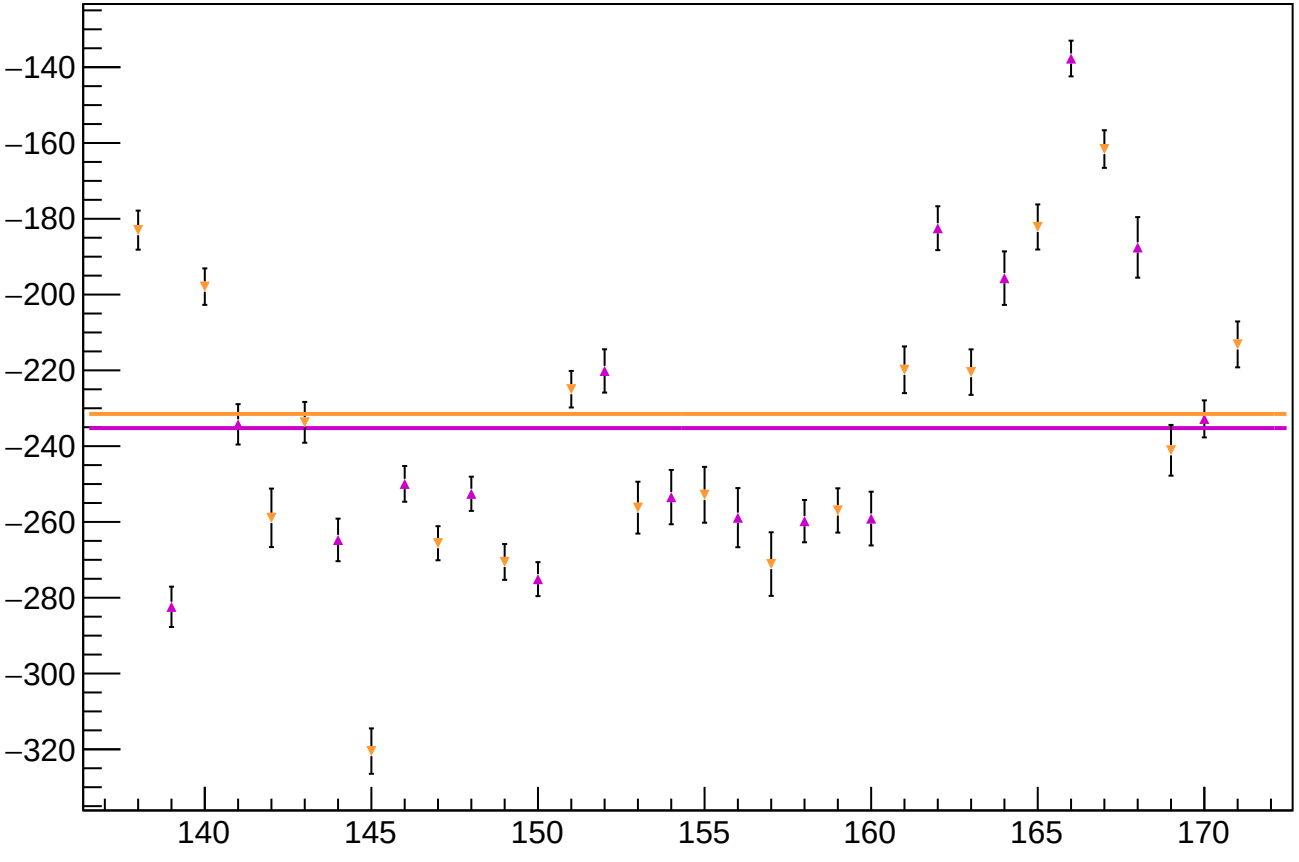
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 14.132+/-0.019 χ^2/NDF:545748.1/32

Out: 12.265+/-0.019 χ^2/NDF:882655.1/36

All: 13.183+/-0.013 χ^2/NDF: 1433334.1/69

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: -231.496+/-1.345 χ^2/NDF:846.3/17

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

Left In: -235.237+/-1.391 χ^2/NDF:841.5/15

Left: -233.304+/-0.967 χ^2/NDF: 1691.6/33

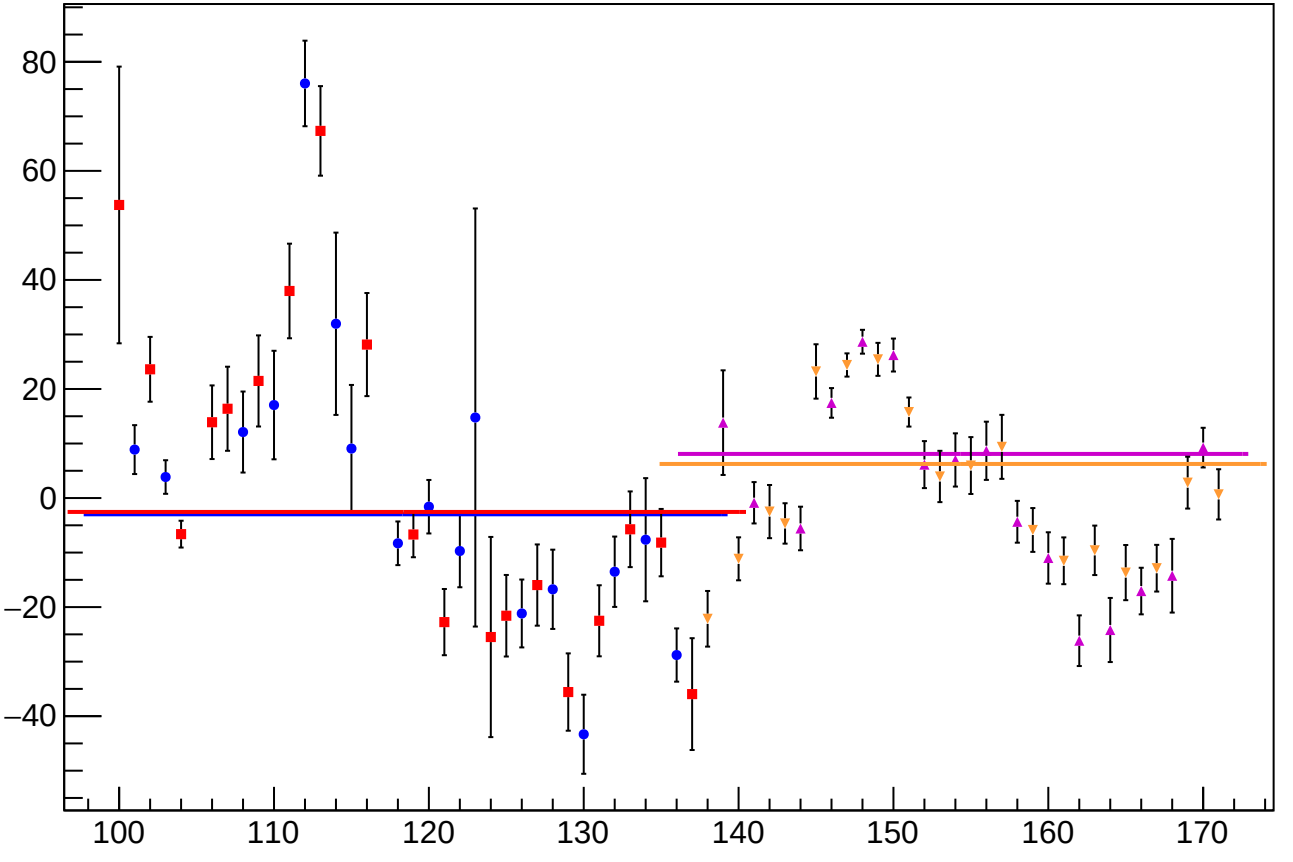
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -235.237+/-1.391 χ^2/NDF:841.5/15

Out: -231.496+/-1.345 χ^2/NDF:846.3/17

All: -233.304+/-0.967 χ^2/NDF: 1691.6/33

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: 6.251+/-0.917 χ^2/NDF:275.8/17

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 8.091+/-0.967 χ^2/NDF:311.4/15

Left: 7.122+/-0.666 χ^2/NDF: 589.2/33

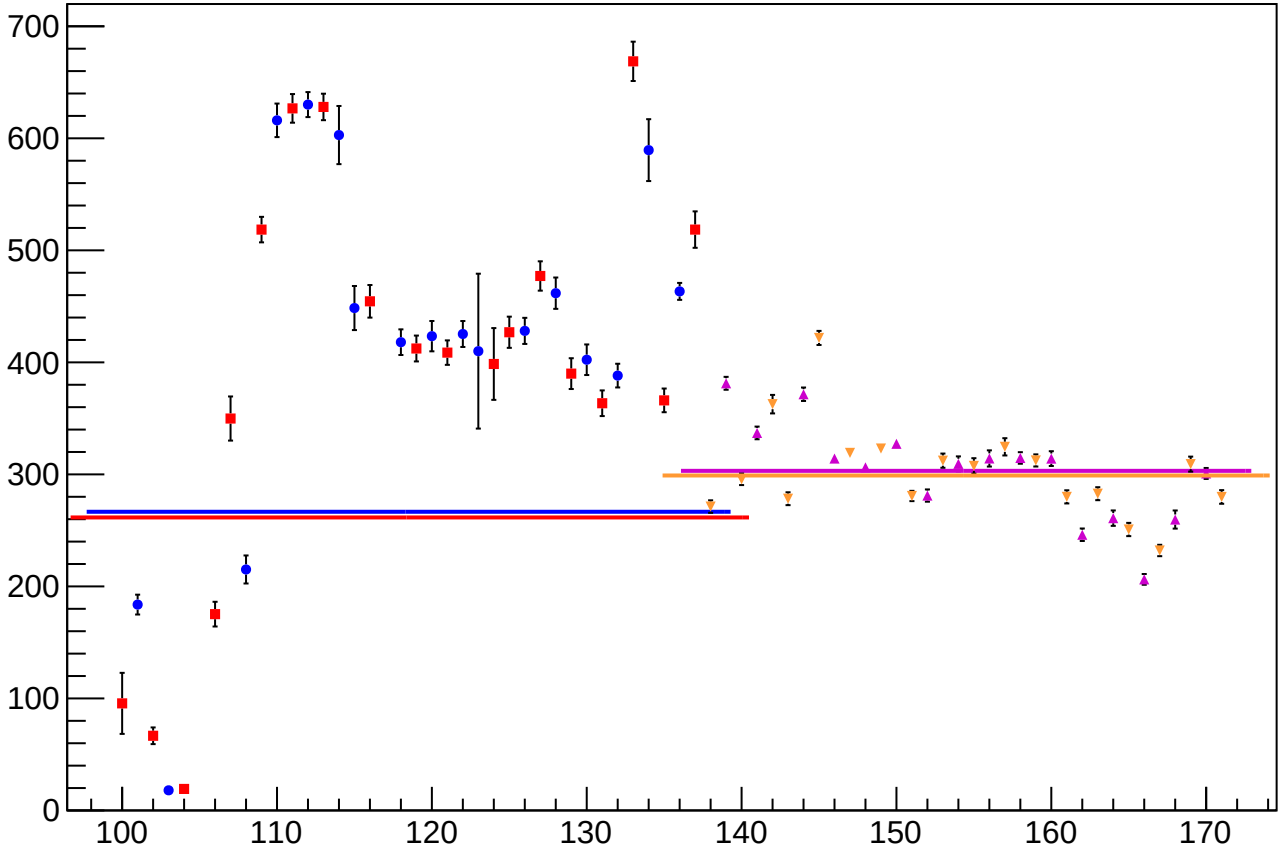
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 4.682+/-0.805 χ^2/NDF:555.7/32

Out: 3.606+/-0.767 χ^2/NDF:521.6/36

All: 4.118+/-0.555 χ^2/NDF: 1078.2/69

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: 299.015+/-1.327 χ^2/NDF:840.5/17

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 303.164+/-1.360 χ^2/NDF:995.4/15

Left: 301.039+/-0.950 χ^2/NDF: 1840.7/33

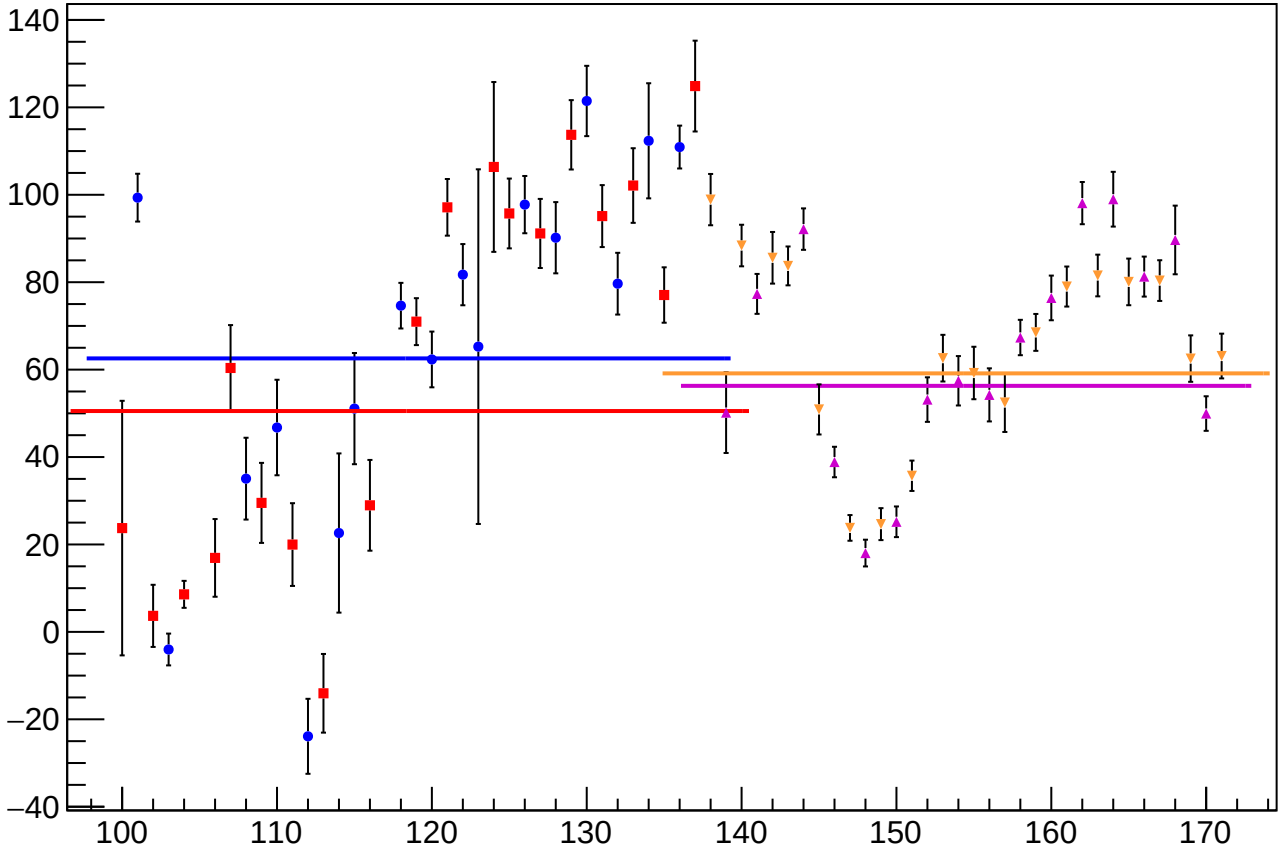
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 294.701+/-1.192 χ^2/NDF:8825.3/32

Out: 290.558+/-1.168 χ^2/NDF:9228.6/36

All: 292.586+/-0.834 χ^2/NDF: 18060.1/69

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: 59.141+/-1.088 χ^2/NDF:500.0/17

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 56.288+/-1.142 χ^2/NDF:534.2/15

Left: 57.783+/-0.788 χ^2/NDF: 1037.5/33

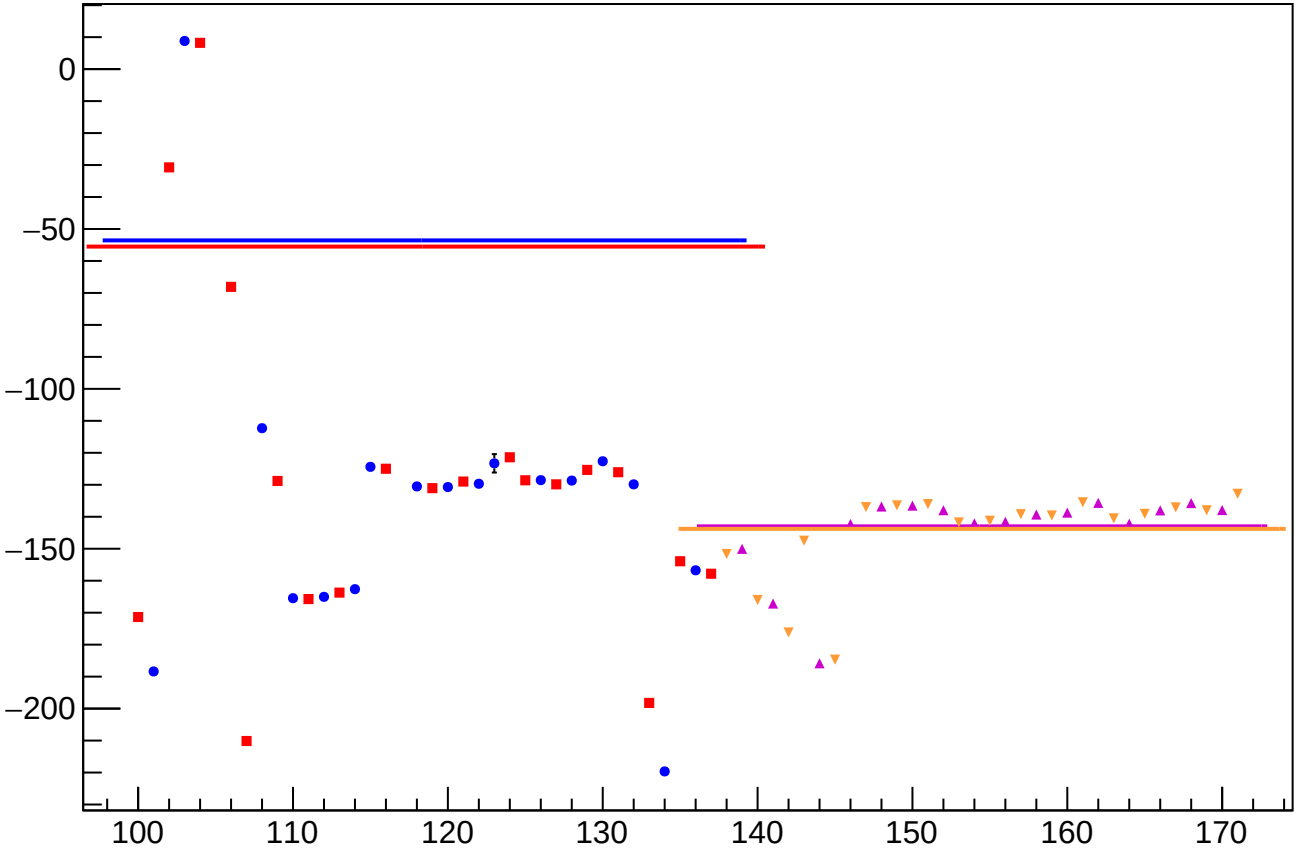
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 58.275+/-0.944 χ^2/NDF:1266.2/32

Out: 56.515+/-0.907 χ^2/NDF:1176.1/36

All: 57.360+/-0.654 χ^2/NDF: 2444.1/69

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: -143.781+/-0.053 χ^2/NDF:59288.0/17

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -143.007+/-0.054 χ^2/NDF:45707.8/15

Left: -143.402+/-0.038 χ^2/NDF: 105100.6/33

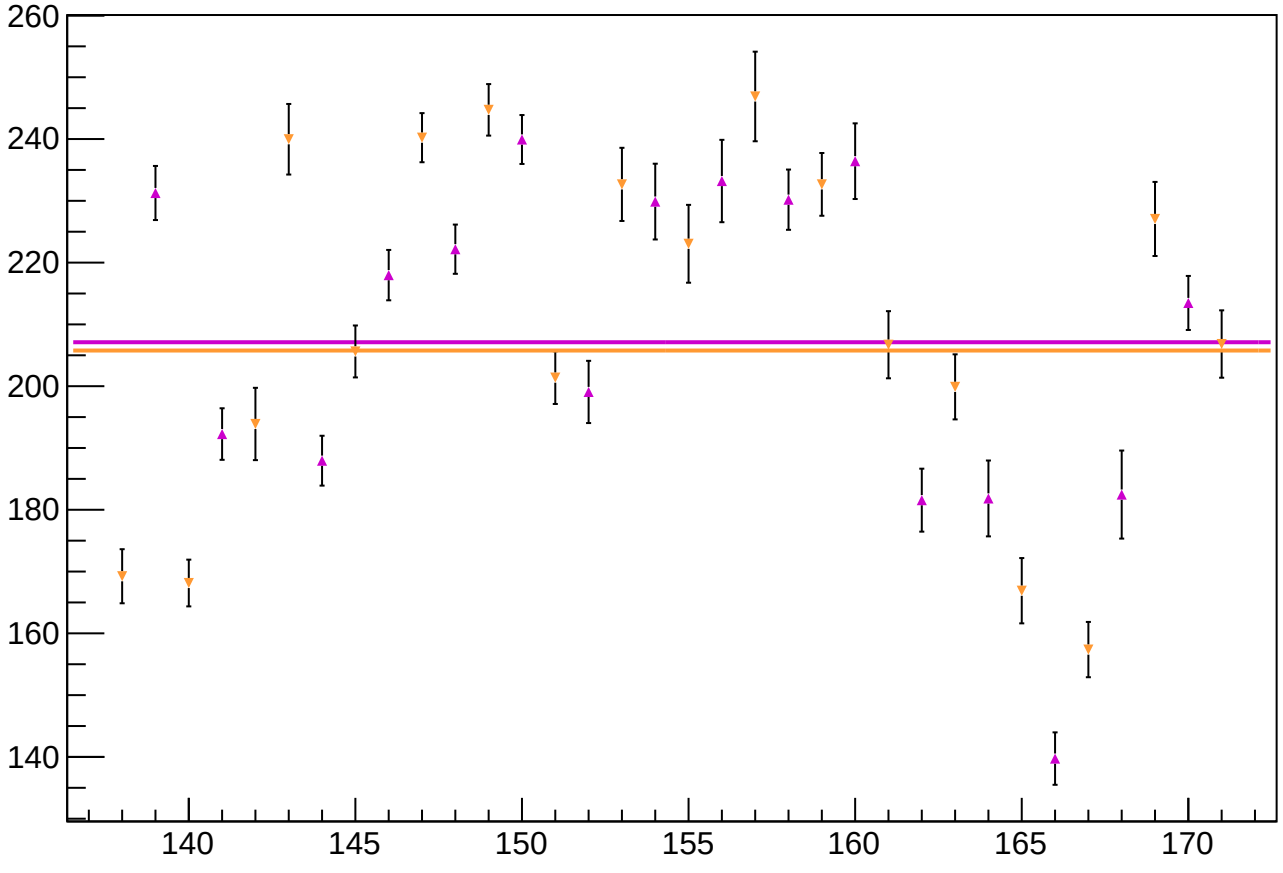
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -109.737+/-0.043 χ^2/NDF:2293241.2/32

Out: -112.803+/-0.043 χ^2/NDF:2007233.7/36

All: -111.279+/-0.030 χ^2/NDF: 4303049.0/69

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: 205.773+/-1.160 χ^2/NDF:645.4/17

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

Left In: 207.114+/-1.189 χ^2/NDF:541.2/15

Left: 206.427+/-0.830 χ^2/NDF: 1187.3/33

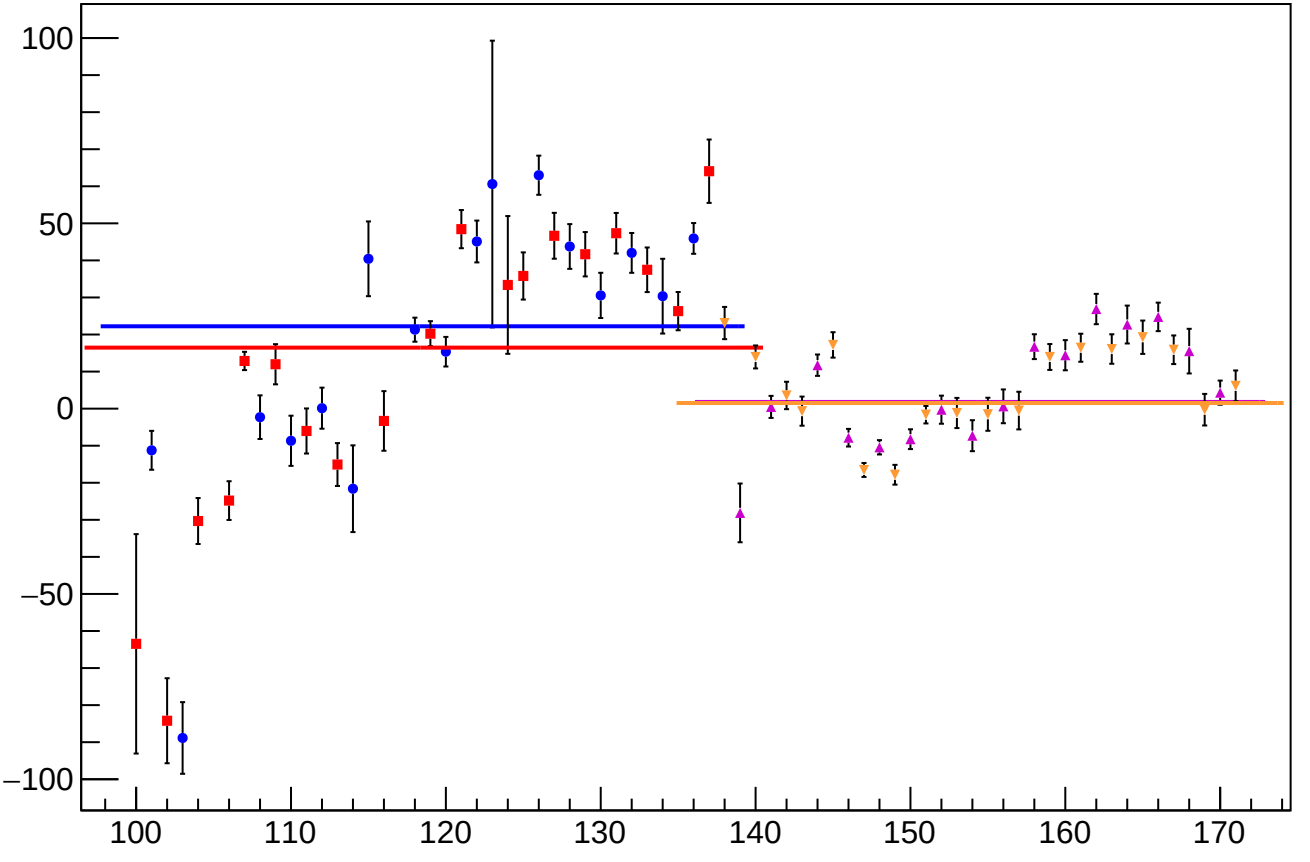
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 207.114+/-1.189 χ^2/NDF:541.2/15

Out: 205.773+/-1.160 χ^2/NDF:645.4/17

All: 206.427+/-0.830 χ^2/NDF: 1187.3/33

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: 1.520+/-0.797 χ^2/NDF:282.0/17

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 1.806+/-0.832 χ^2/NDF:227.2/15

Left: 1.657+/-0.575 χ^2/NDF: 509.3/33

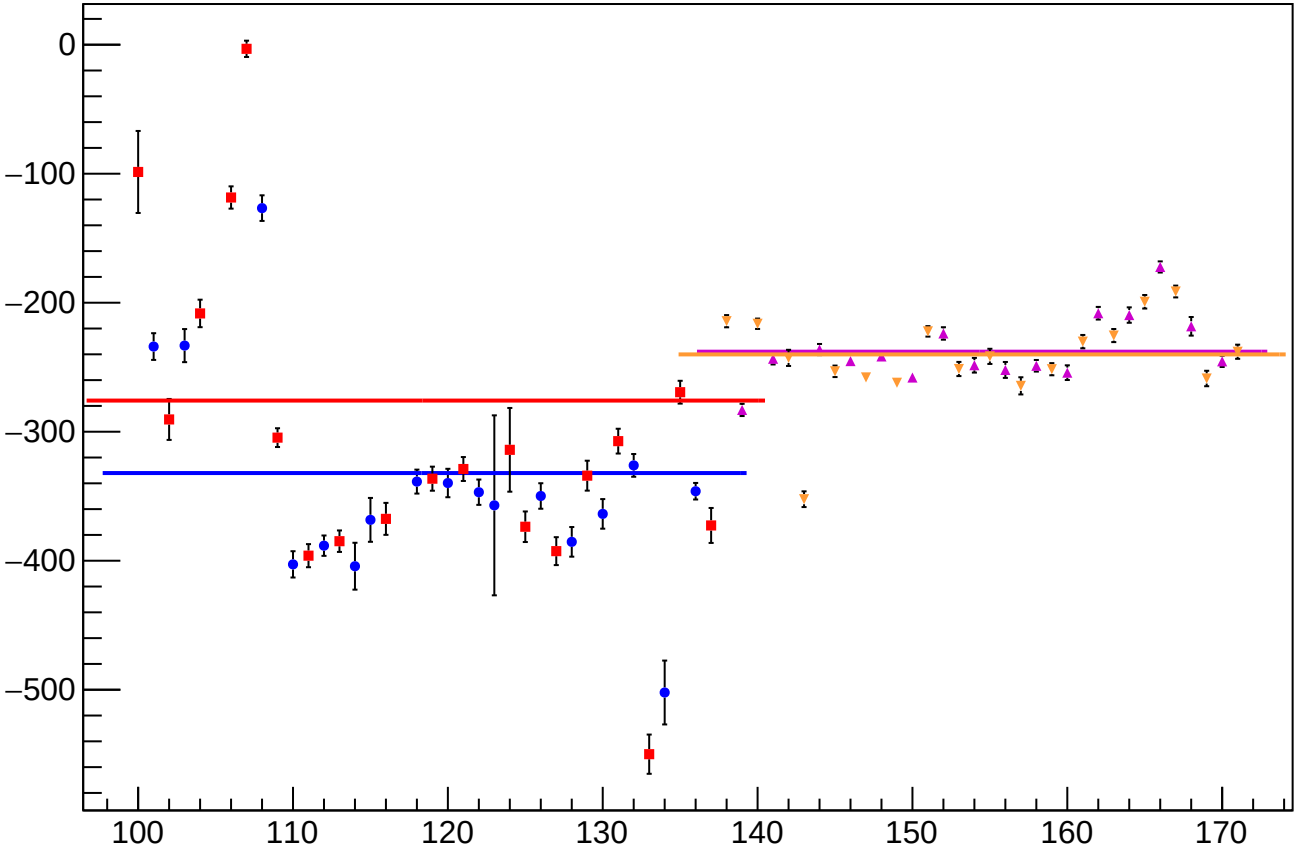
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 7.280+/-0.711 χ^2/NDF:774.5/32

Out: 5.939+/-0.668 χ^2/NDF:811.9/36

All: 6.568+/-0.487 χ^2/NDF: 1588.3/69

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: -240.068+/-1.148 χ^2/NDF:705.2/17

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -237.954+/-1.167 χ^2/NDF:458.4/15

Left: -239.029+/-0.818 χ^2/NDF: 1165.3/33

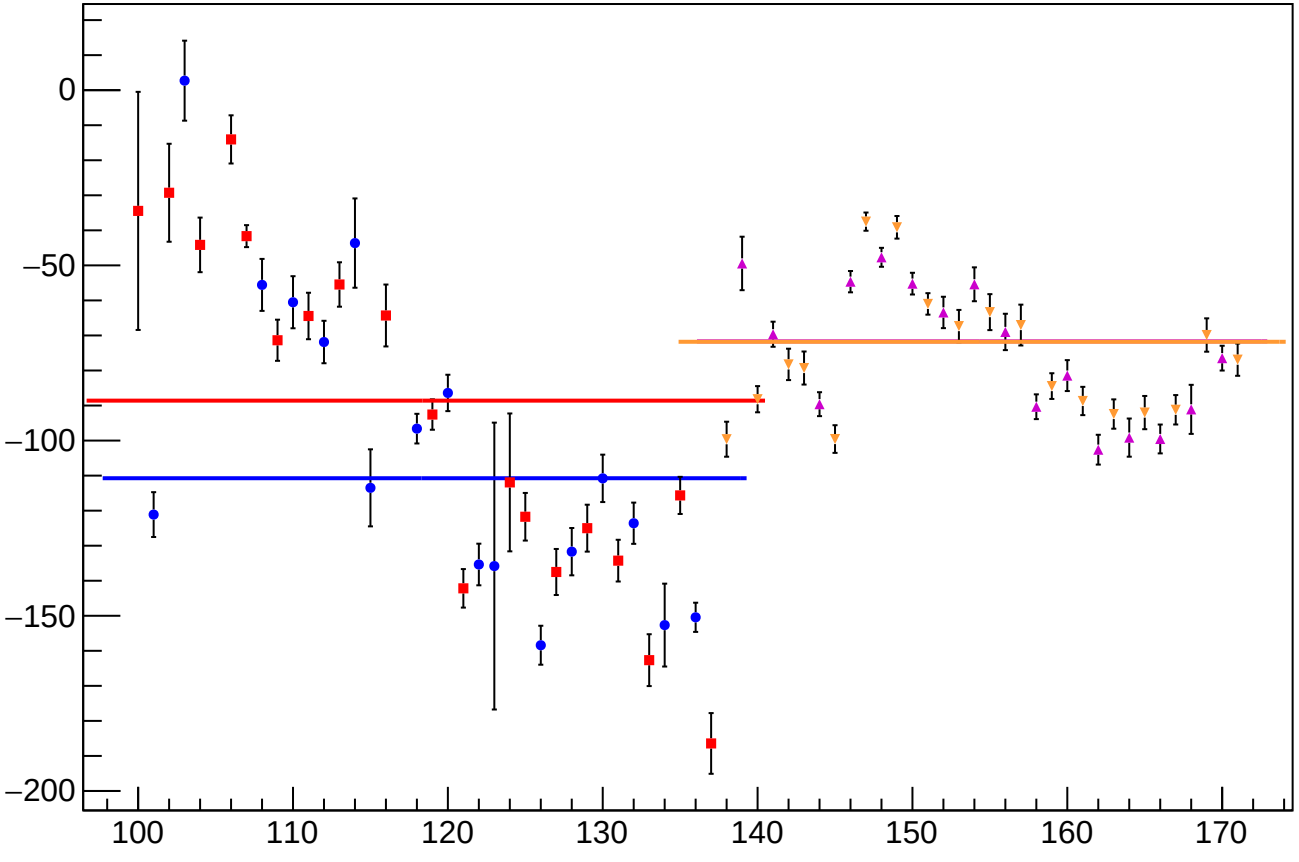
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -254.122+/-1.062 χ^2/NDF:2360.2/32

Out: -247.088+/-1.029 χ^2/NDF:4258.5/36

All: -250.495+/-0.739 χ^2/NDF: 6641.4/69

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: -71.804+/-0.945 χ^2/NDF:492.3/17

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -71.683+/-0.981 χ^2/NDF:356.2/15

Left: -71.746+/-0.680 χ^2/NDF: 848.5/33

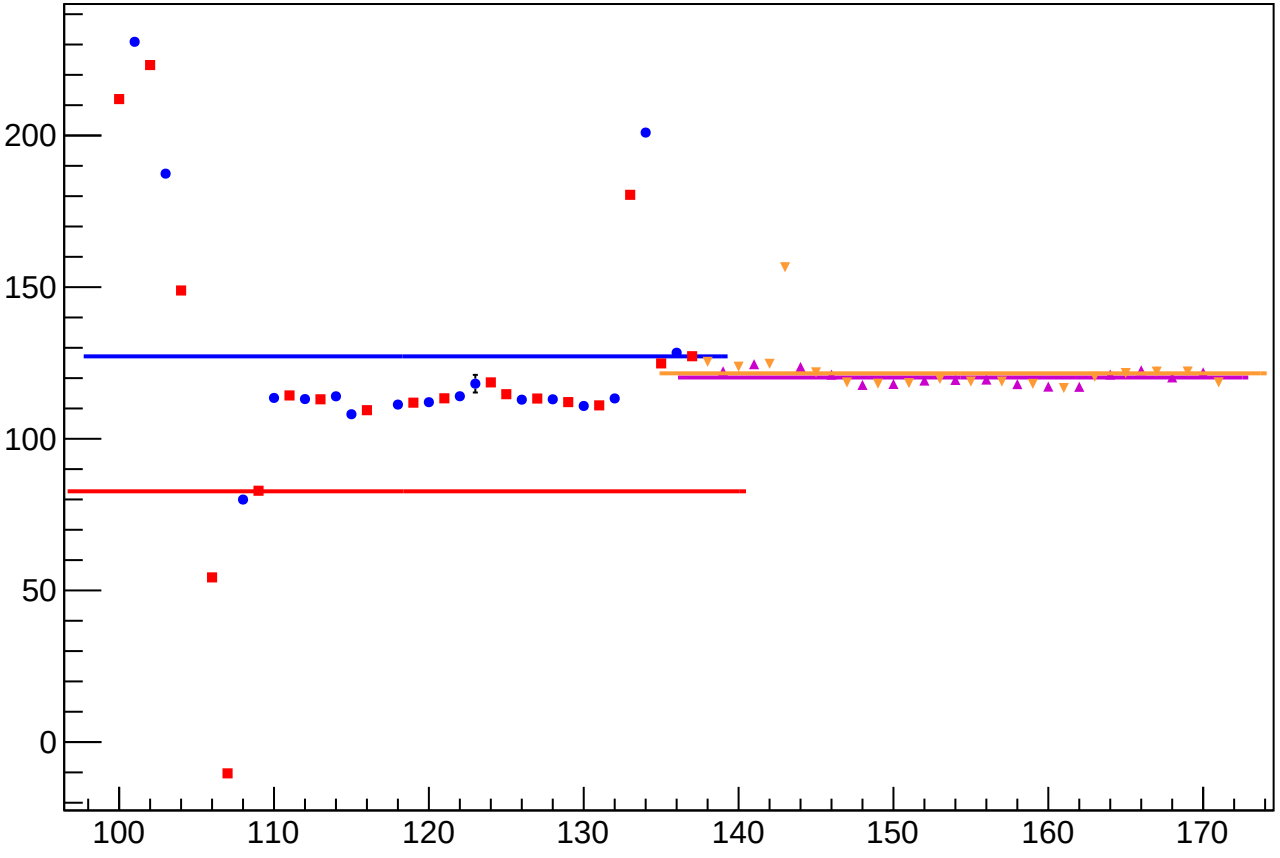
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -82.572+/-0.833 χ^2/NDF:1311.8/32

Out: -76.885+/-0.789 χ^2/NDF:1557.6/36

All: -79.574+/-0.573 χ^2/NDF: 2894.0/69

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: 121.586+/-0.046 χ^2/NDF:23934.0/17

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.214+/-0.046 χ^2/NDF:2504.9/15

Left: 120.910+/-0.033 χ^2/NDF: 26882.4/33

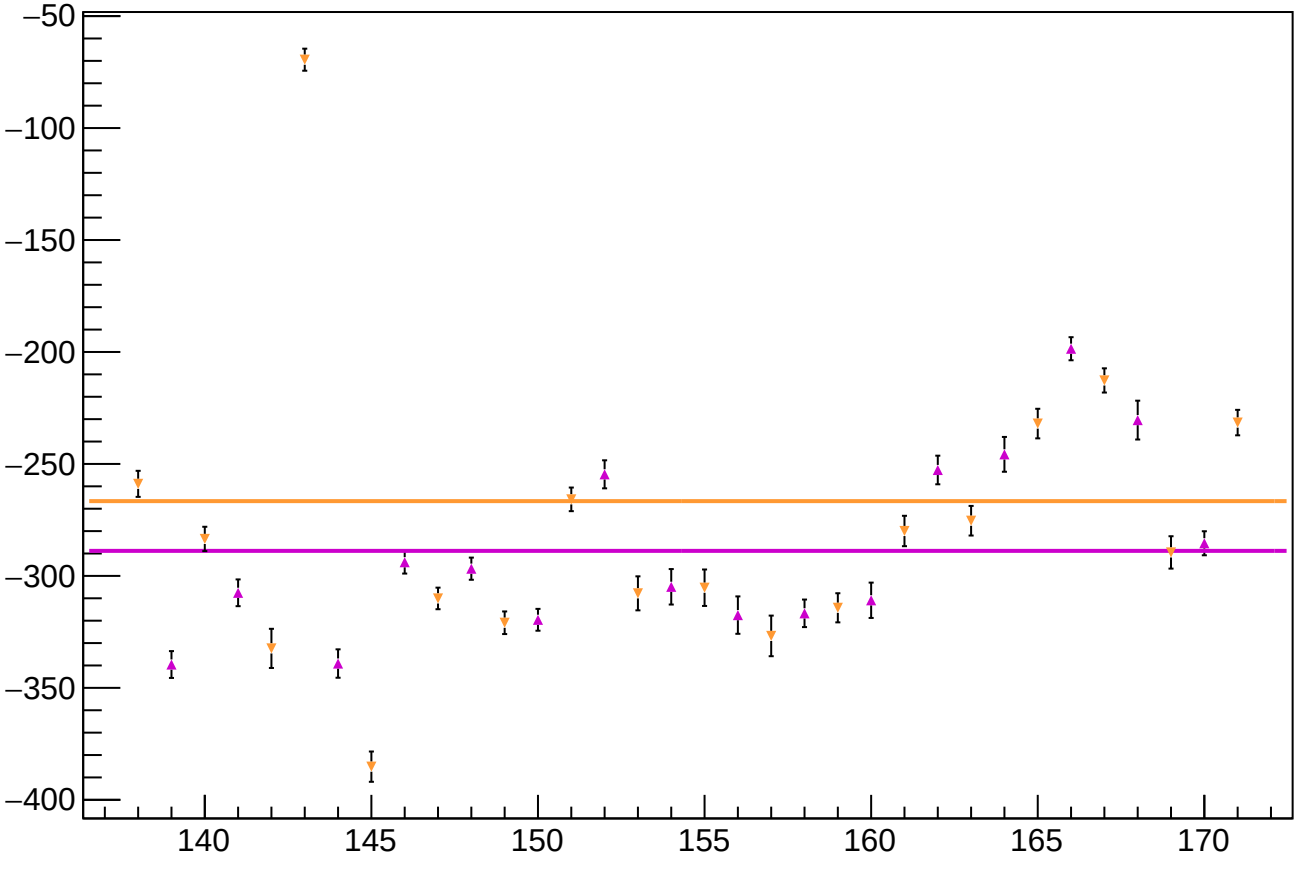
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 121.703+/-0.041 χ^2/NDF:195368.7/32

Out: 111.104+/-0.039 χ^2/NDF:984636.4/36

All: 116.129+/-0.028 χ^2/NDF: 1214871.0/69

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: -266.609+/-1.447 χ^2/NDF:2505.6/17

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

Left In: -288.823+/-1.529 χ^2/NDF:677.3/15

Left: -277.099+/-1.051 χ^2/NDF: 3294.2/33

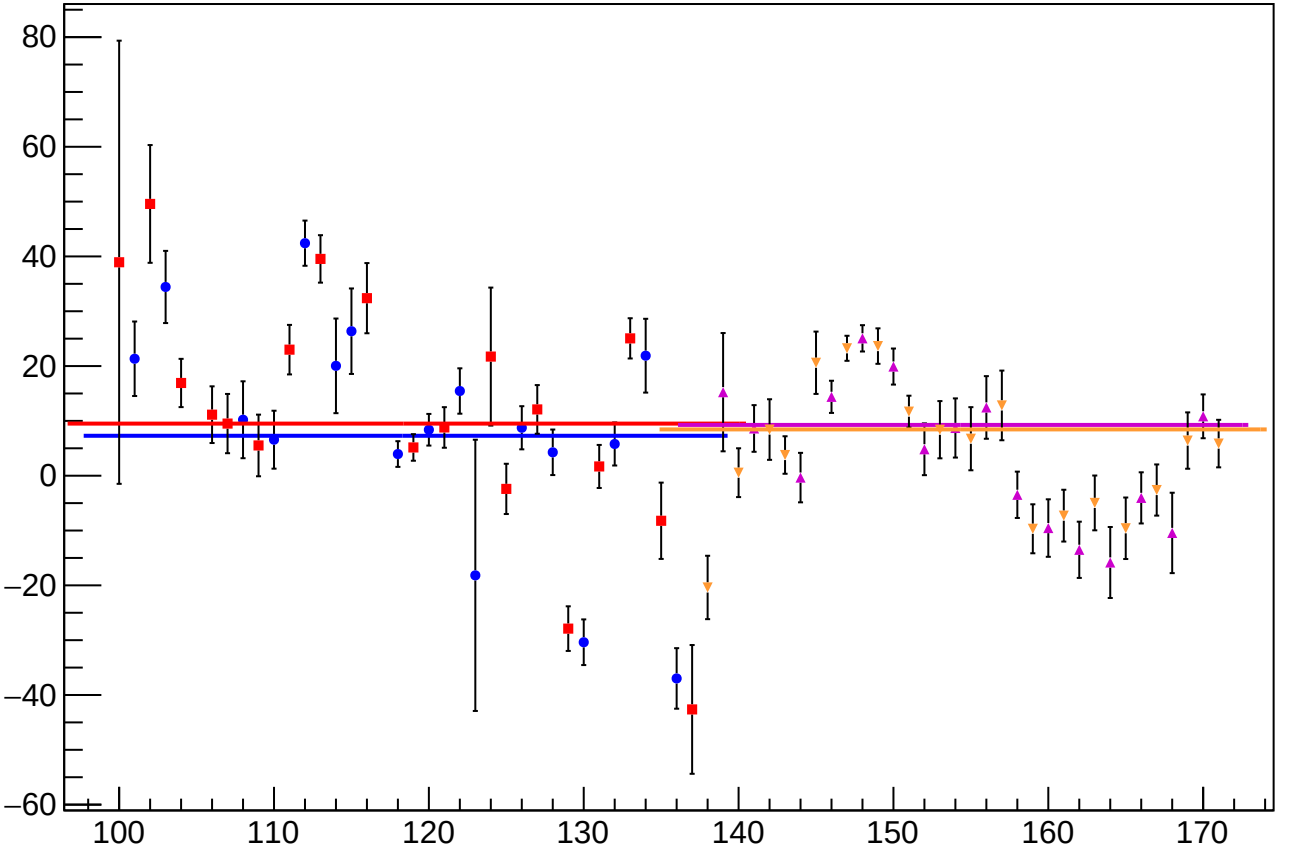
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -288.823+/-1.529 χ^2/NDF:677.3/15

Out: -266.609+/-1.447 χ^2/NDF:2505.6/17

All: -277.099+/-1.051 χ^2/NDF: 3294.2/33

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284+/-1.084 χ^2/NDF: 261.0/16

Left Out: 8.444+/-0.985 χ^2/NDF:151.5/17

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 9.265+/-1.062 χ^2/NDF:135.1/15

Left: 8.824+/-0.722 χ^2/NDF: 286.9/33

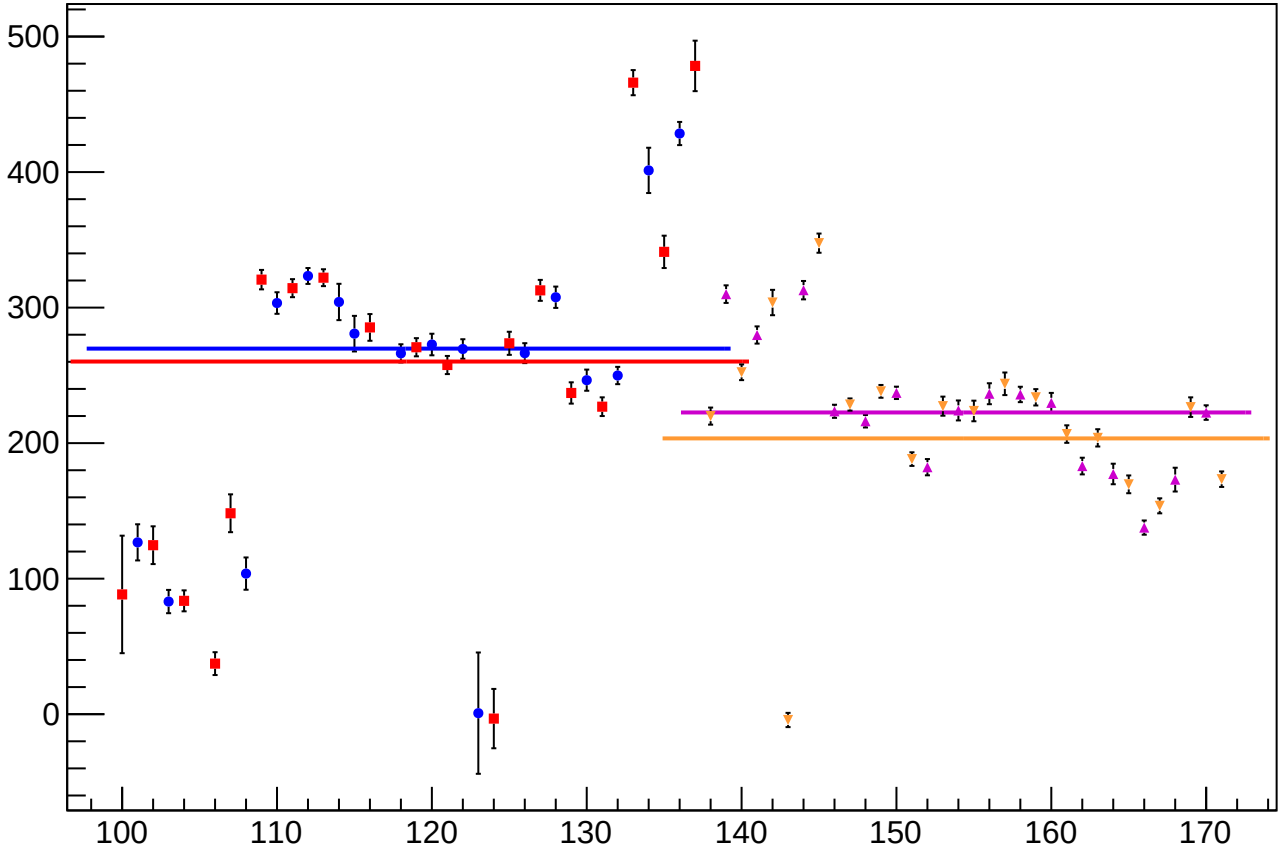
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 8.294+/-0.759 χ^2/NDF:397.8/32

Out: 8.929+/-0.726 χ^2/NDF:383.6/36

All: 8.625+/-0.525 χ^2/NDF: 781.8/69

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: 203.484+/-1.429 χ^2/NDF:2475.9/17

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 222.629+/-1.495 χ^2/NDF:876.8/15

Left: 212.628+/-1.033 χ^2/NDF: 3438.4/33

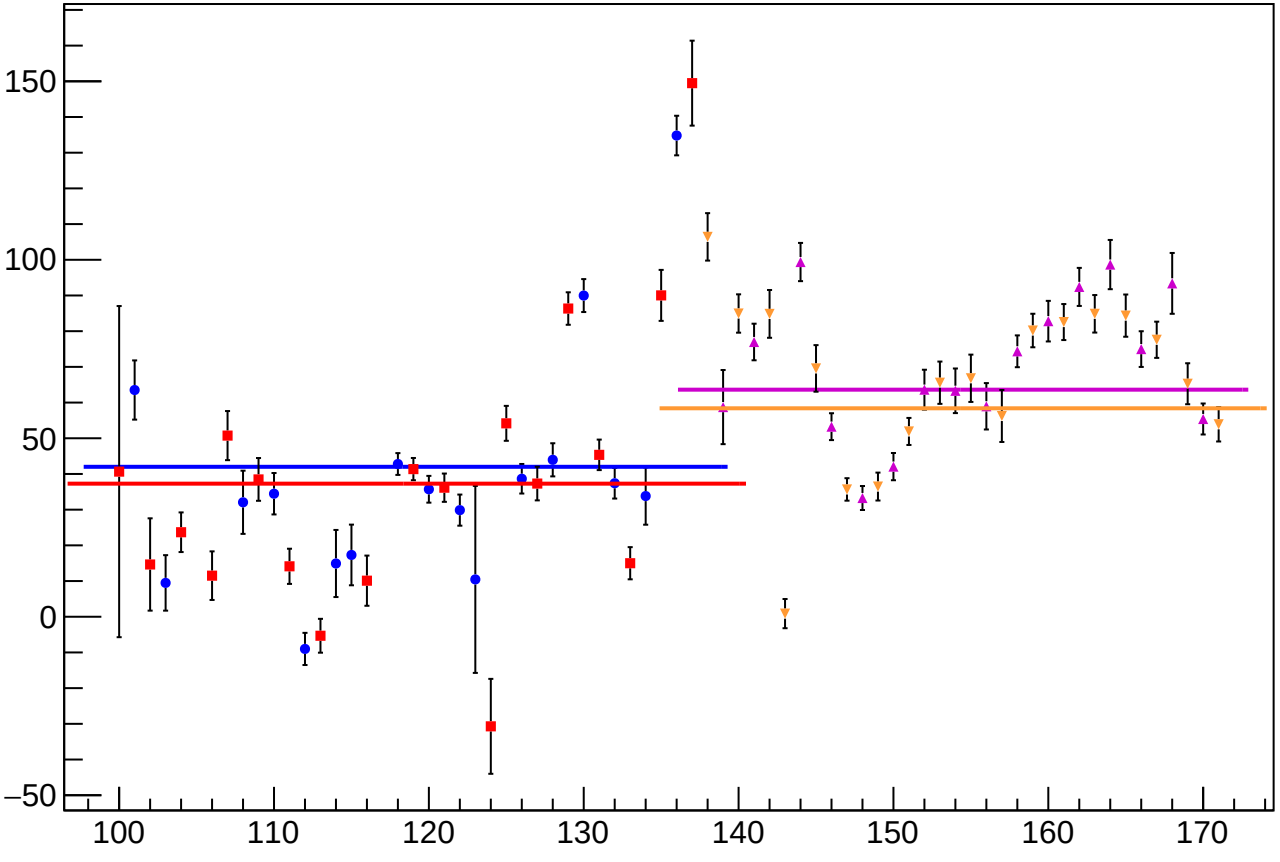
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 238.760+/-1.212 χ^2/NDF:2591.2/32

Out: 222.940+/-1.158 χ^2/NDF:5557.8/36

All: 230.492+/-0.837 χ^2/NDF: 8238.0/69

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 58.396+/-1.170 χ^2/NDF:488.3/17

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 63.613+/-1.254 χ^2/NDF:266.4/15

Left: 60.823+/-0.855 χ^2/NDF: 764.0/33

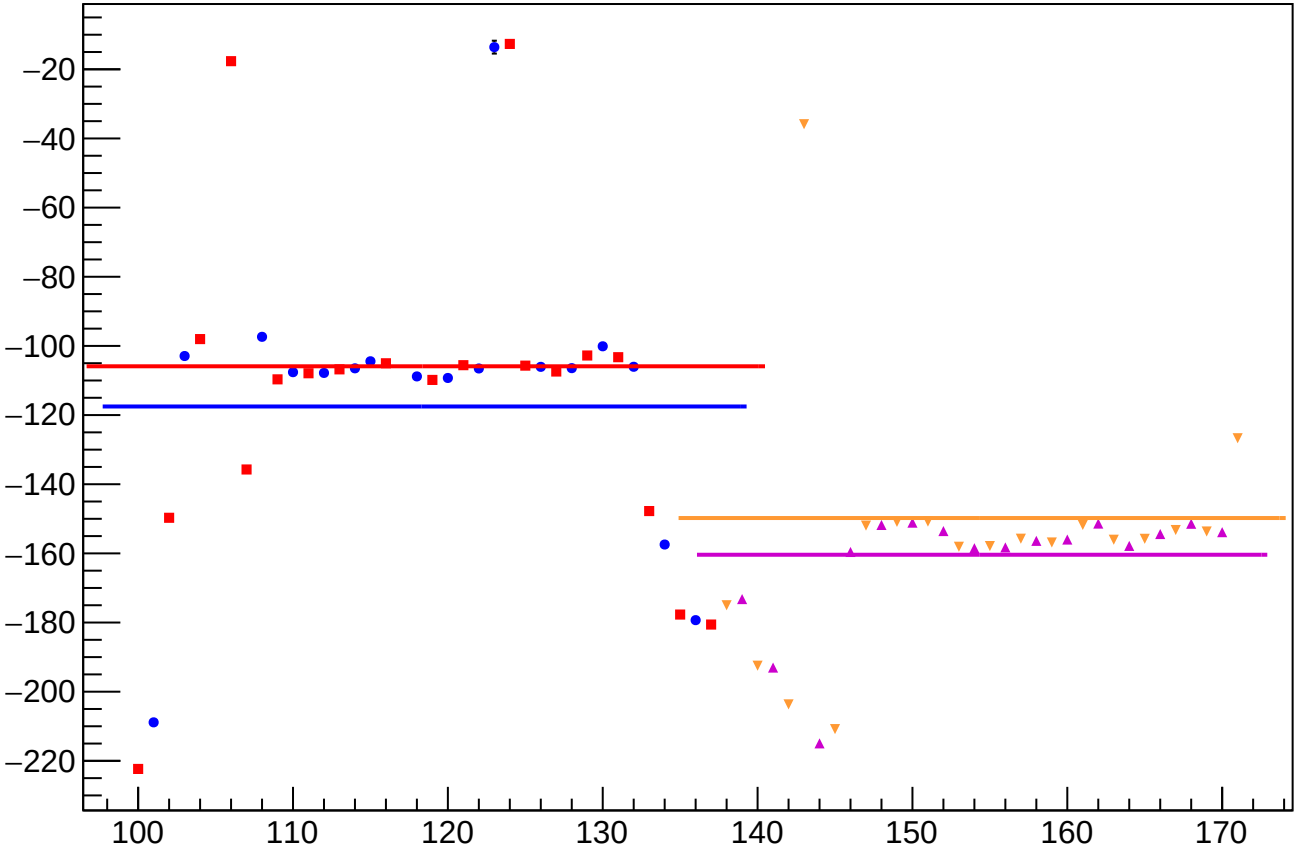
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 52.821+/-0.887 χ^2/NDF:990.3/32

Out: 48.429+/-0.850 χ^2/NDF:1114.7/36

All: 50.531+/-0.614 χ^2/NDF: 2117.7/69

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: -149.777+/-0.057 χ^2/NDF:418062.8/17

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -160.396+/-0.059 χ^2/NDF:62675.1/15

Left: -154.847+/-0.041 χ^2/NDF: 497401.5/33

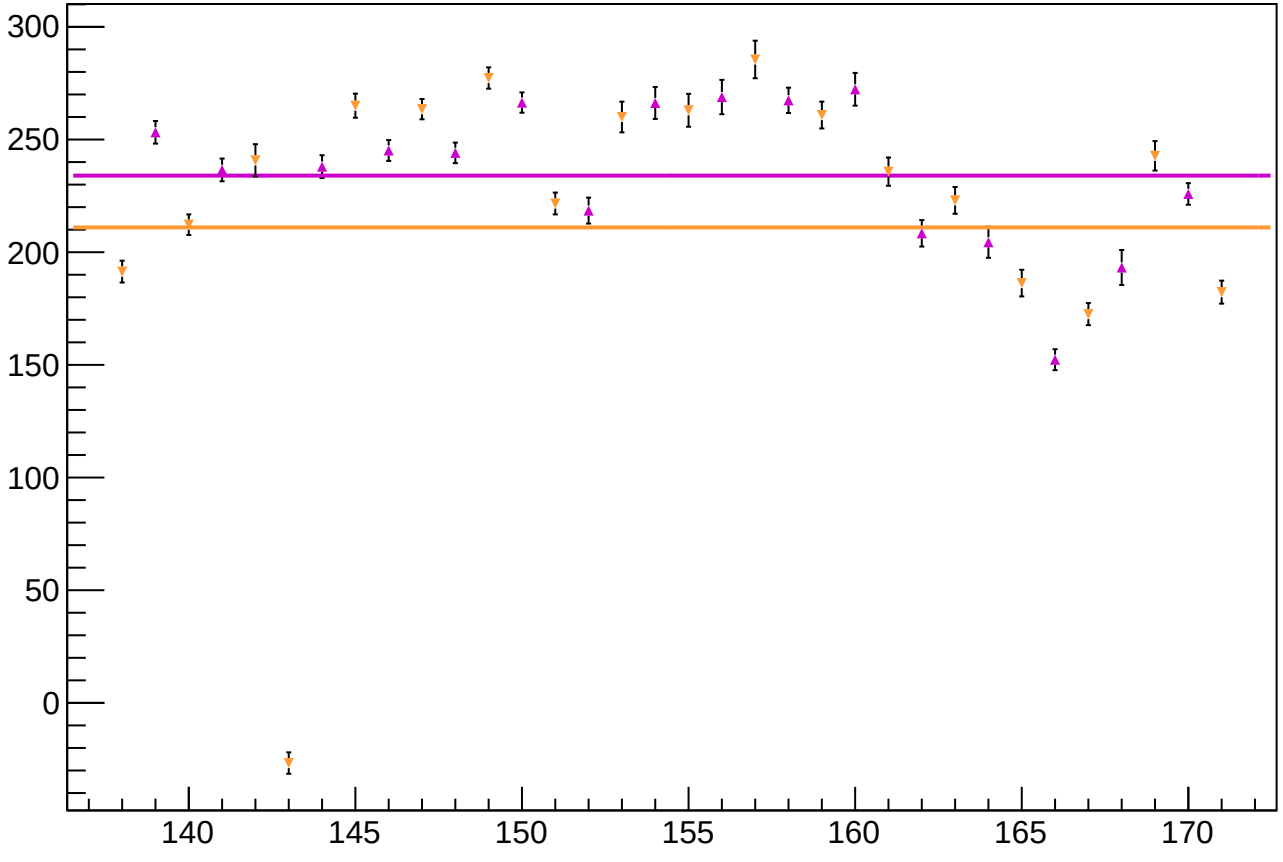
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -144.634+/-0.047 χ^2/NDF:395811.1/32

Out: -133.155+/-0.045 χ^2/NDF:968116.5/36

All: -138.585+/-0.033 χ^2/NDF: 1394976.5/69

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: 210.995+/-1.297 χ^2/NDF:3379.6/17

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

Left In: 233.996+/-1.365 χ^2/NDF:566.8/15

Left: 221.909+/-0.940 χ^2/NDF: 4095.7/33

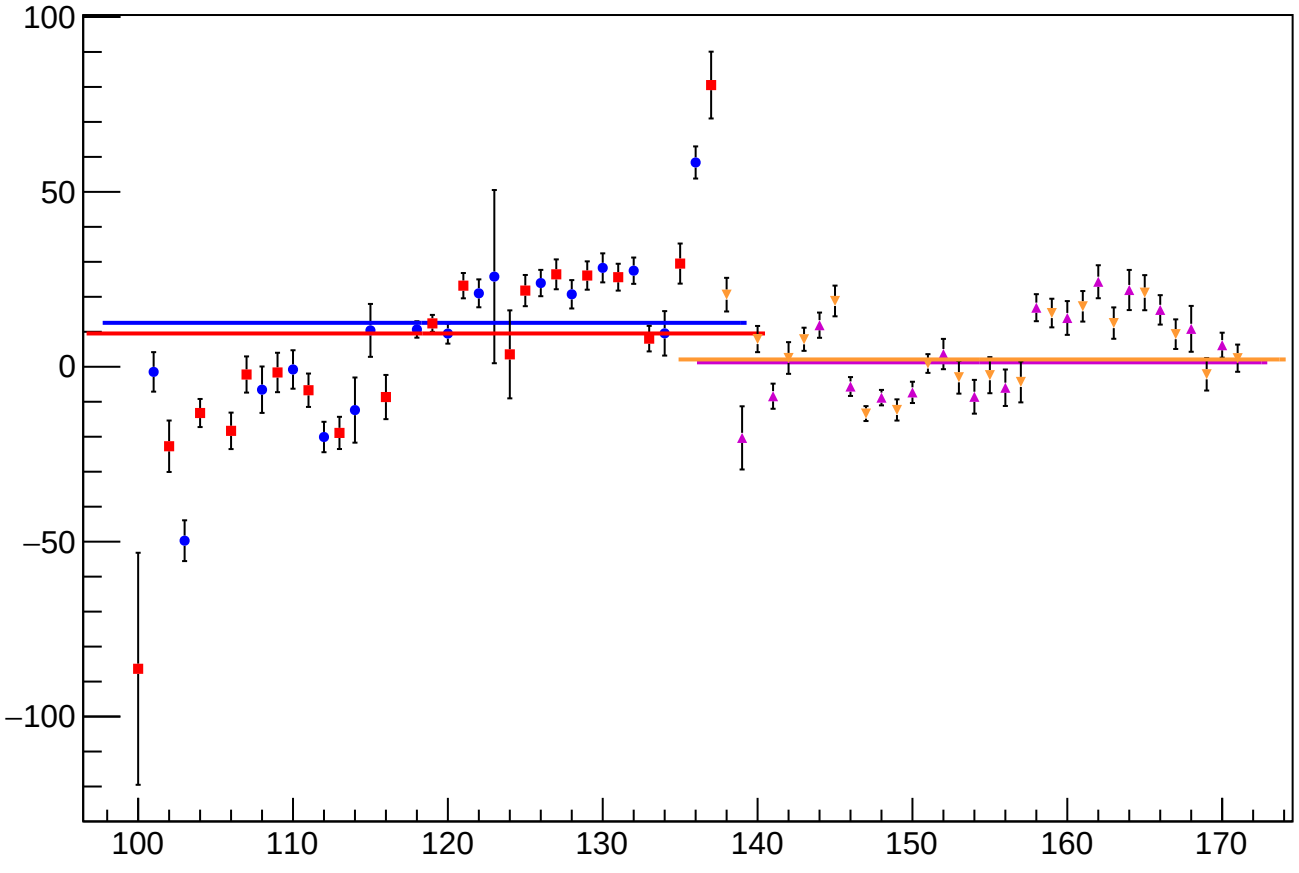
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 233.996+/-1.365 χ^2/NDF:566.8/15

Out: 210.995+/-1.297 χ^2/NDF:3379.6/17

All: 221.909+/-0.940 χ^2/NDF: 4095.7/33

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: 2.092+/-0.892 χ^2/NDF:159.7/17

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 1.268+/-0.956 χ^2/NDF:140.3/15

Left: 1.709+/-0.652 χ^2/NDF: 300.4/33

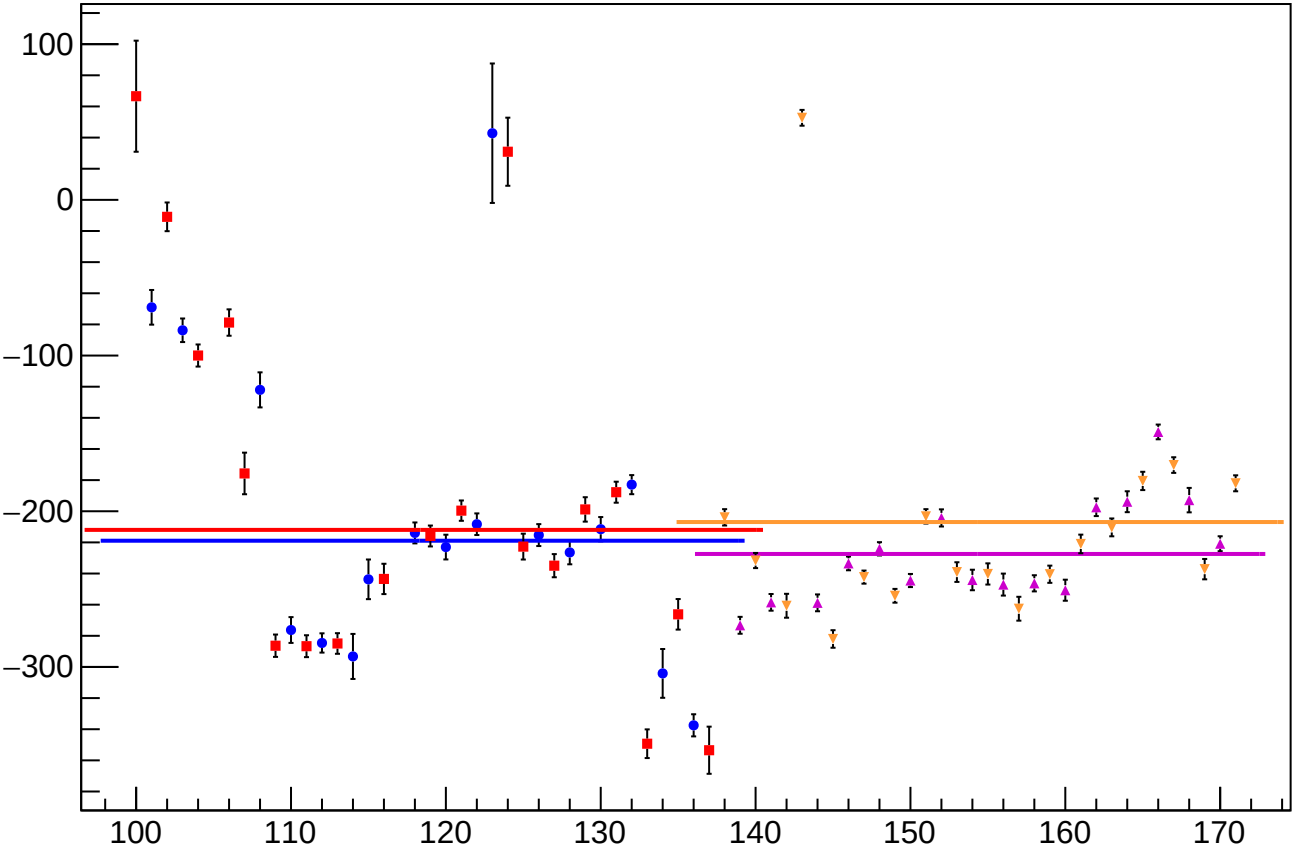
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 6.359+/-0.709 χ^2/NDF:550.9/32

Out: 5.203+/-0.680 χ^2/NDF:485.0/36

All: 5.757+/-0.491 χ^2/NDF: 1037.3/69

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: -206.923+/-1.285 χ^2/NDF:3319.4/17

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -227.431+/-1.339 χ^2/NDF:562.7/15

Left: -216.761+/-0.927 χ^2/NDF: 4004.2/33

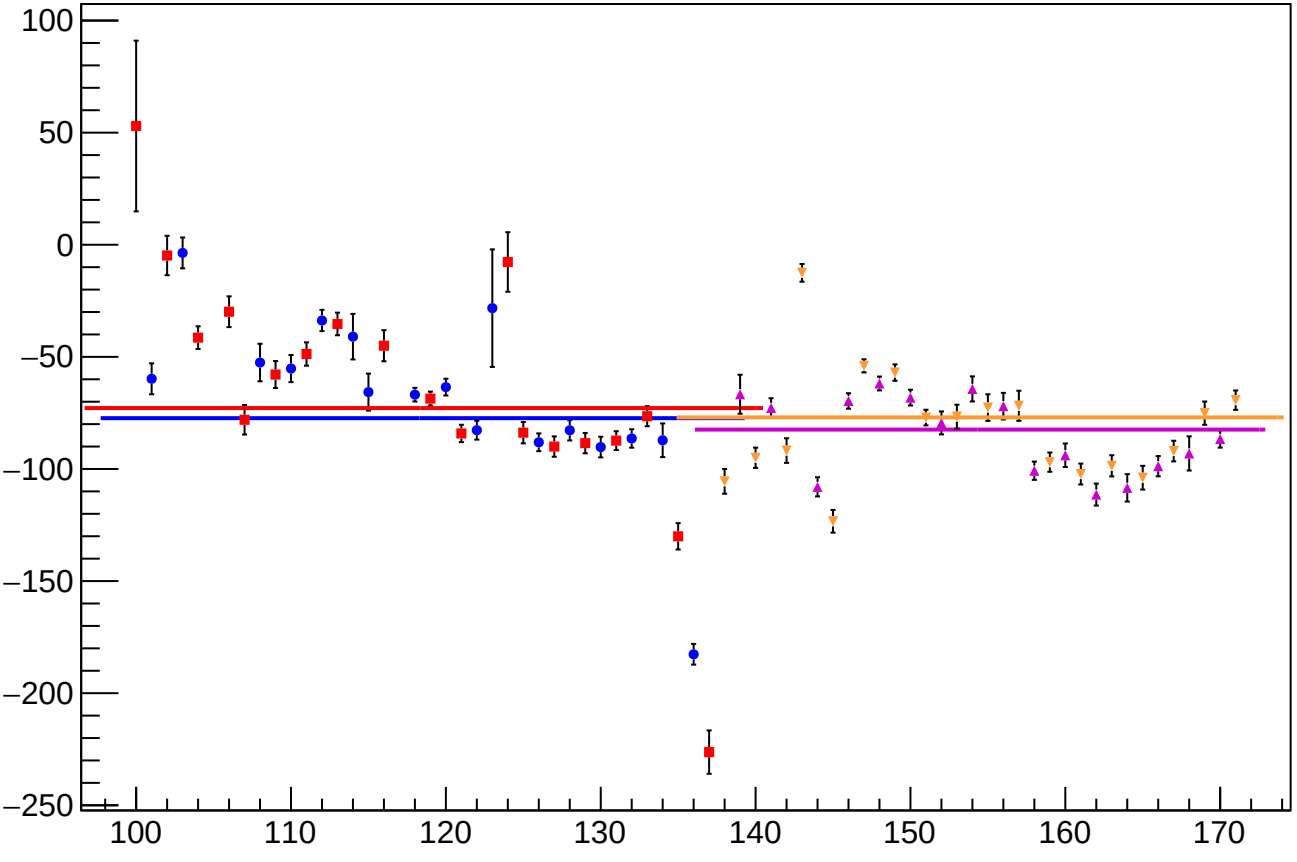
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -224.810+/-1.113 χ^2/NDF:1721.8/32

Out: -208.480+/-1.069 χ^2/NDF:5210.3/36

All: -216.311+/-0.771 χ^2/NDF: 7044.1/69

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -77.002+/-1.057 χ^2/NDF:603.8/17

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -82.433+/-1.127 χ^2/NDF:226.4/15

Left: -79.543+/-0.771 χ^2/NDF: 842.6/33

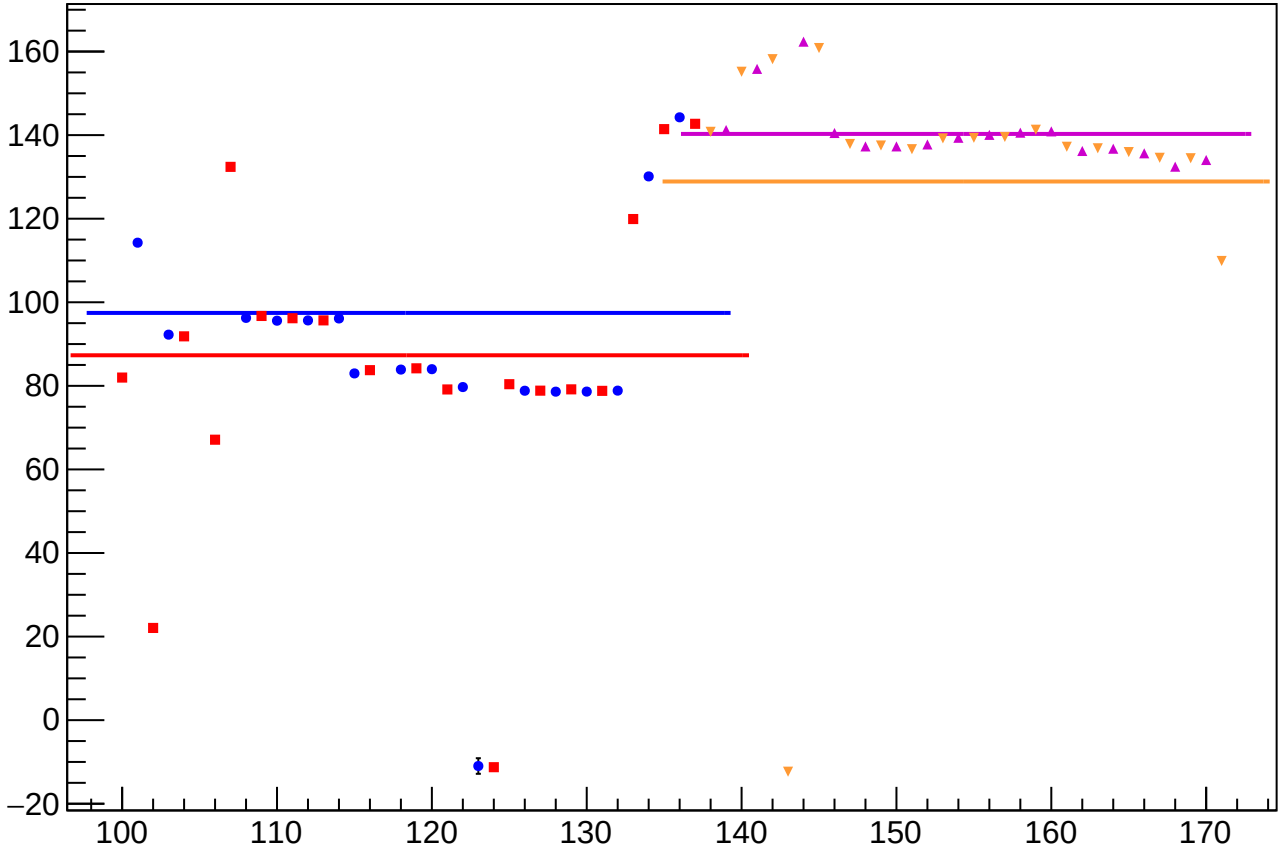
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -80.087+/-0.828 χ^2/NDF:1053.1/32

Out: -75.197+/-0.796 χ^2/NDF:1283.5/36

All: -77.545+/-0.574 χ^2/NDF: 2354.7/69

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: 128.901+/-0.051 χ^2/NDF:562772.8/17

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 140.283+/-0.053 χ^2/NDF:17525.4/15

Left: 134.357+/-0.037 χ^2/NDF: 604100.7/33

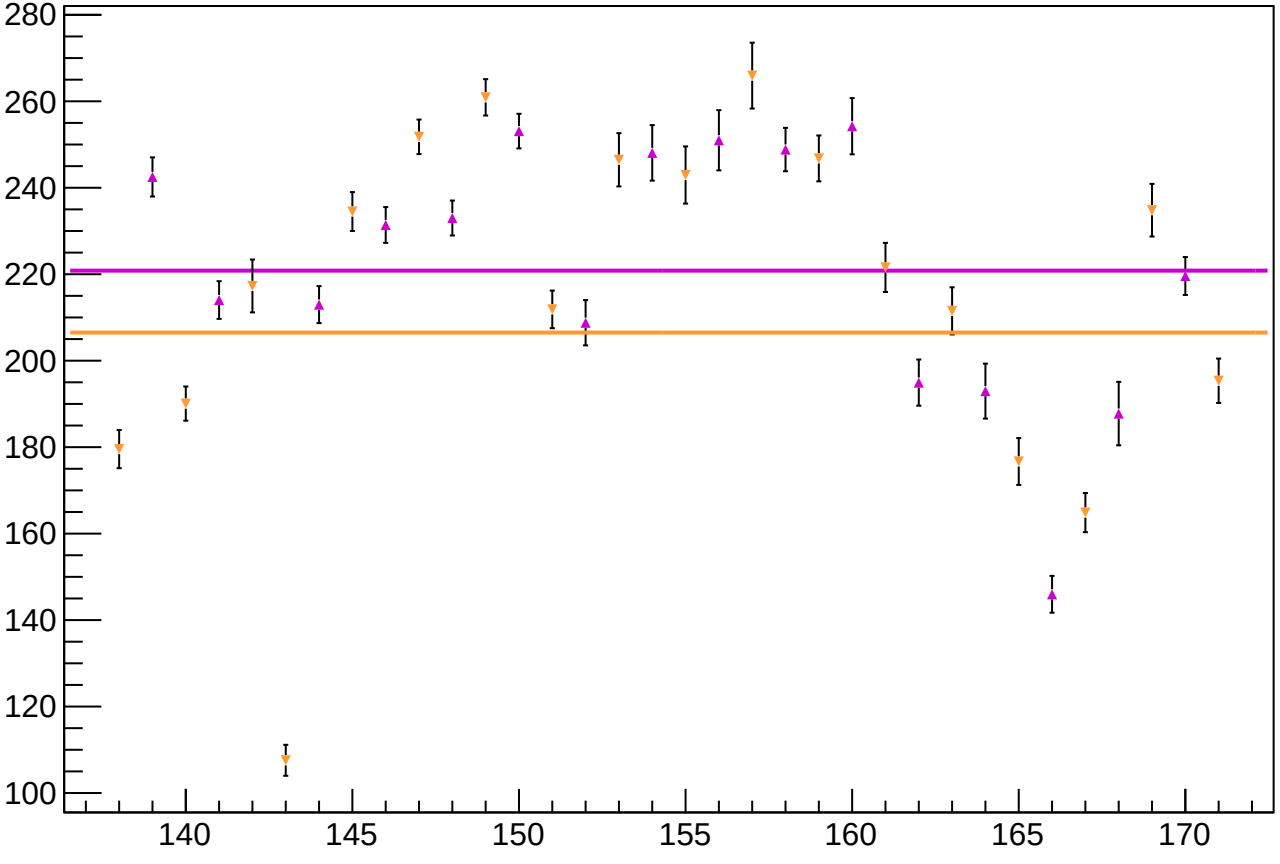
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 125.483+/-0.043 χ^2/NDF:335677.2/32

Out: 113.968+/-0.041 χ^2/NDF:1022631.1/36

All: 119.428+/-0.030 χ^2/NDF: 1395903.7/69

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: 206.511+/-1.151 χ^2/NDF:1494.8/17

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

Left In: 220.834+/-1.223 χ^2/NDF:580.6/15

Left: 213.234+/-0.838 χ^2/NDF: 2148.1/33

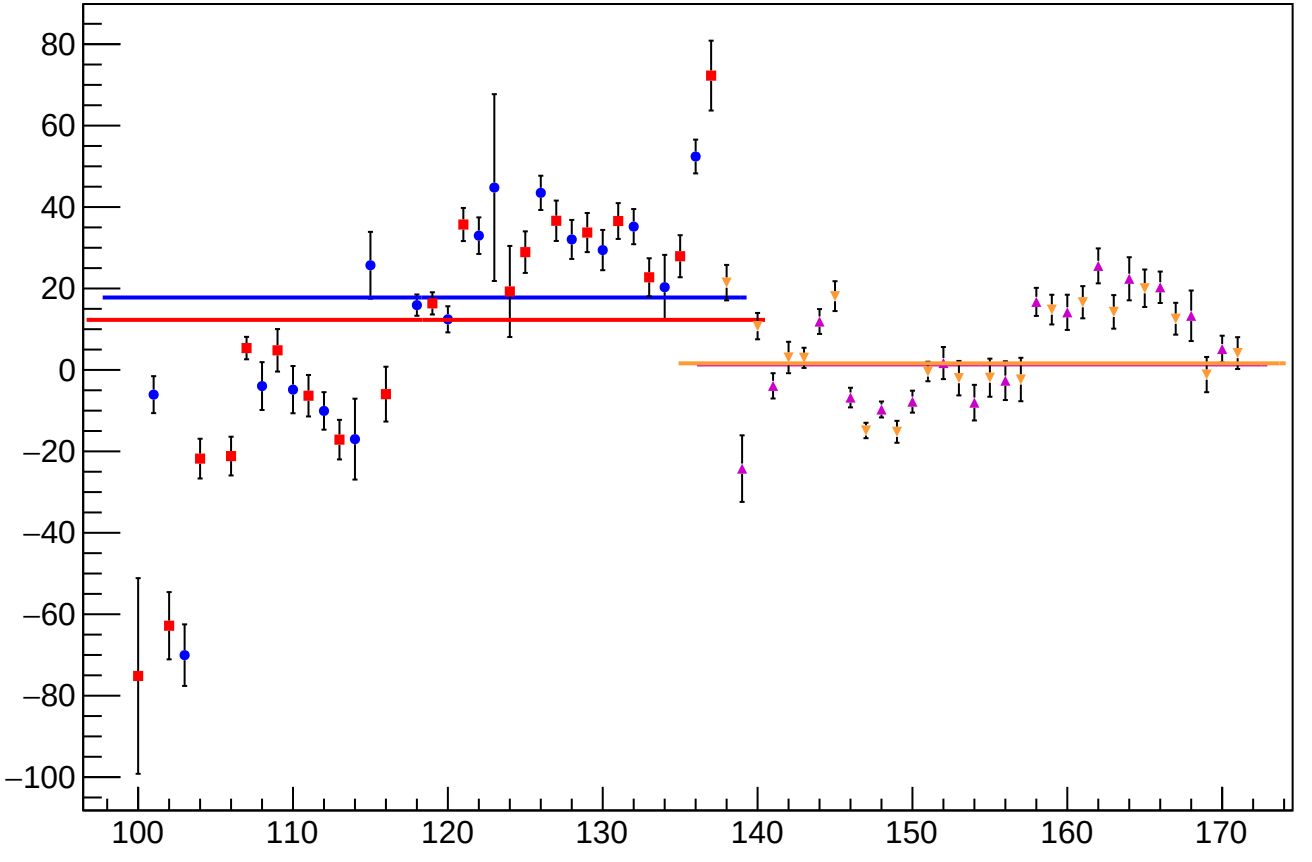
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 220.834+/-1.223 χ^2/NDF:580.6/15

Out: 206.511+/-1.151 χ^2/NDF:1494.8/17

All: 213.234+/-0.838 χ^2/NDF: 2148.1/33

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: 1.616+/-0.788 χ^2/NDF:228.3/17

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 1.347+/-0.854 χ^2/NDF:190.1/15

Left: 1.492+/-0.579 χ^2/NDF: 418.4/33

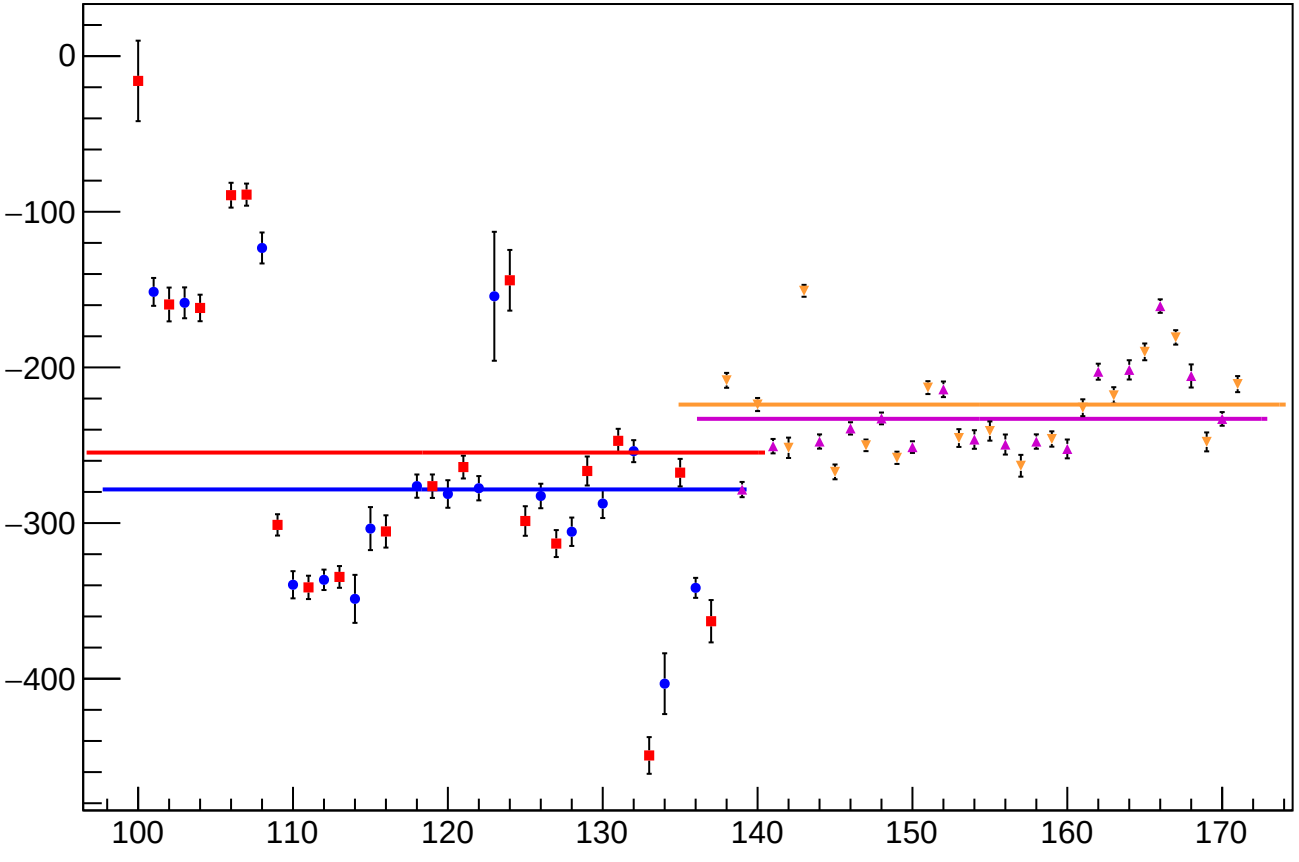
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 7.213+/-0.685 χ^2/NDF:717.4/32

Out: 5.301+/-0.638 χ^2/NDF:735.4/36

All: 6.189+/-0.467 χ^2/NDF: 1457.0/69

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: -223.870+/-1.144 χ^2/NDF:830.6/17

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -233.031+/-1.201 χ^2/NDF:535.0/15

Left: -228.228+/-0.828 χ^2/NDF: 1396.1/33

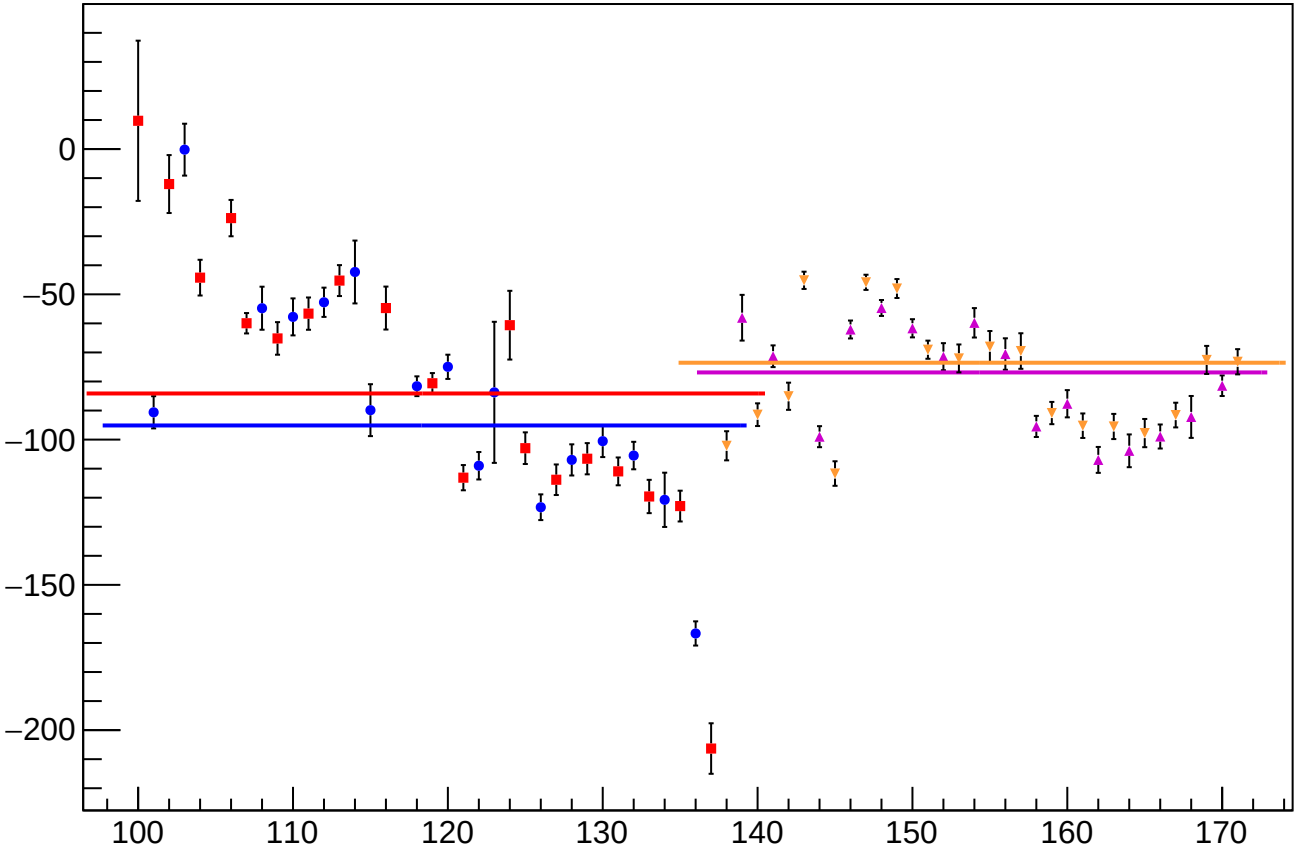
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -243.680+/-1.050 χ^2/NDF:1780.6/32

Out: -231.354+/-0.995 χ^2/NDF:3045.5/36

All: -237.185+/-0.722 χ^2/NDF: 4898.7/69

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: -73.541+/-0.937 χ^2/NDF:525.3/17

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -76.883+/-1.008 χ^2/NDF:305.9/15

Left: -75.089+/-0.686 χ^2/NDF: 837.1/33

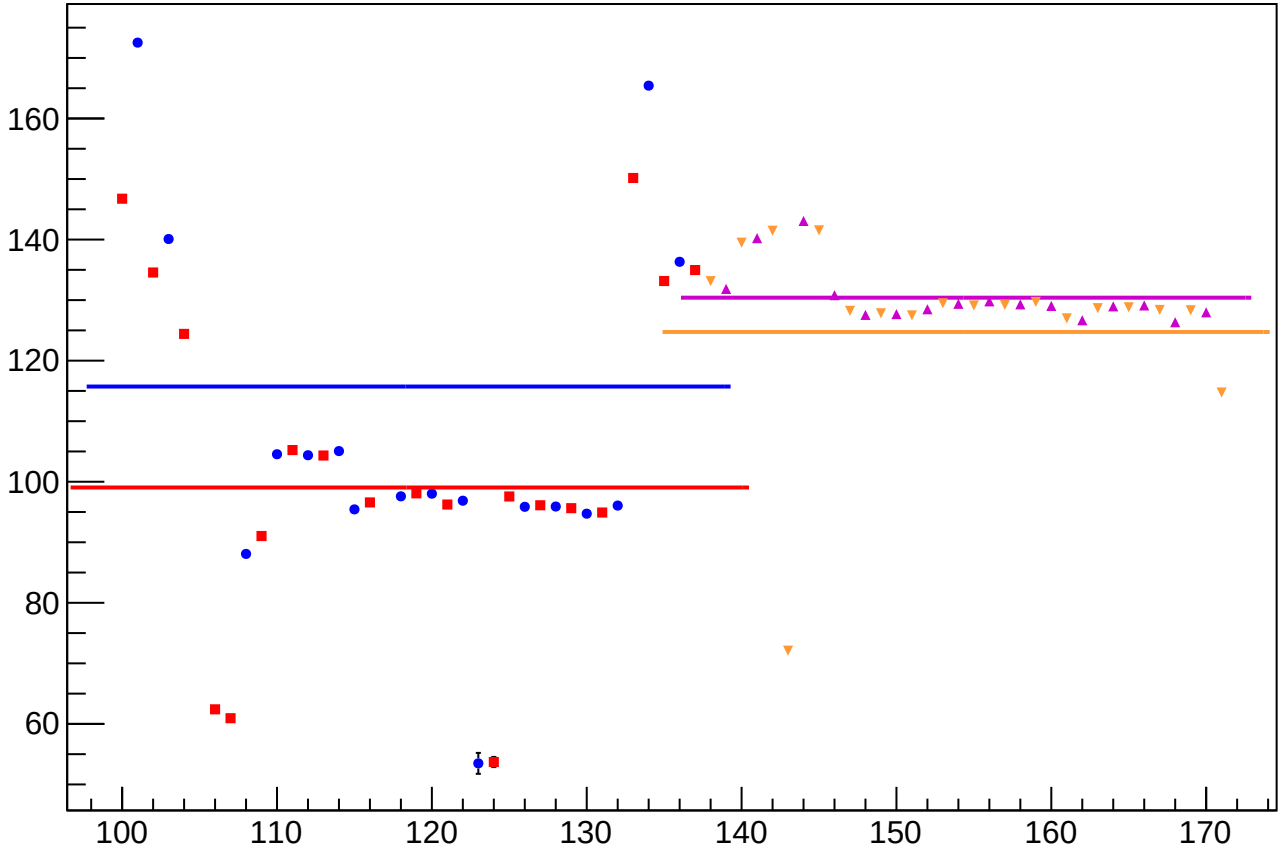
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -83.593+/-0.802 χ^2/NDF:1101.3/32

Out: -77.313+/-0.751 χ^2/NDF:1353.6/36

All: -80.249+/-0.548 χ^2/NDF: 2487.6/69

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: 124.739+/-0.046 χ^2/NDF:145689.0/17

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 130.402+/-0.048 χ^2/NDF:8488.4/15

Left: 127.436+/-0.033 χ^2/NDF: 161521.2/33

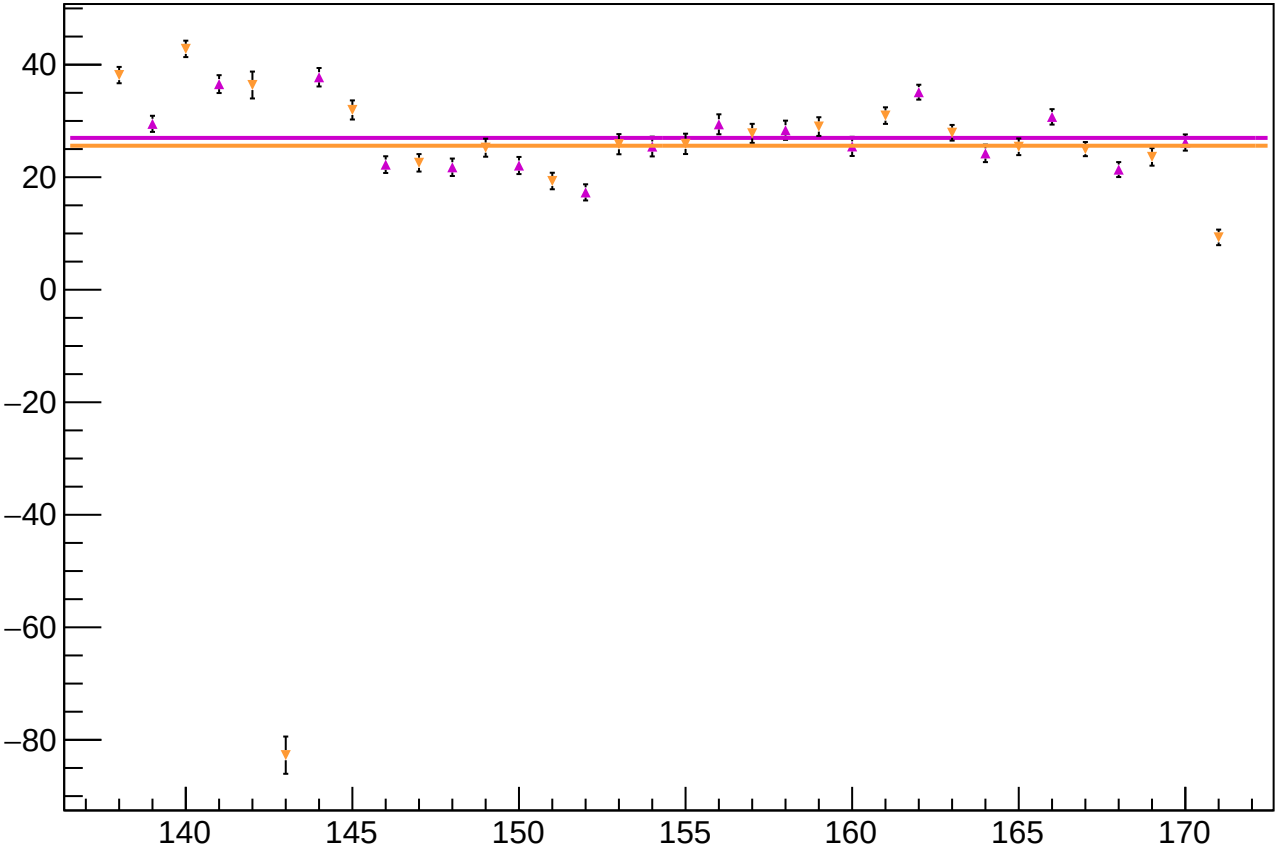
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 126.390+/-0.041 χ^2/NDF:140623.9/32

Out: 116.850+/-0.038 χ^2/NDF:416599.7/36

All: 121.281+/-0.028 χ^2/NDF: 586555.7/69

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: 25.597+/-0.374 χ^2/NDF:1503.5/17

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

Left In: 26.985+/-0.380 χ^2/NDF:230.3/15

Left: 26.280+/-0.266 χ^2/NDF: 1740.5/33

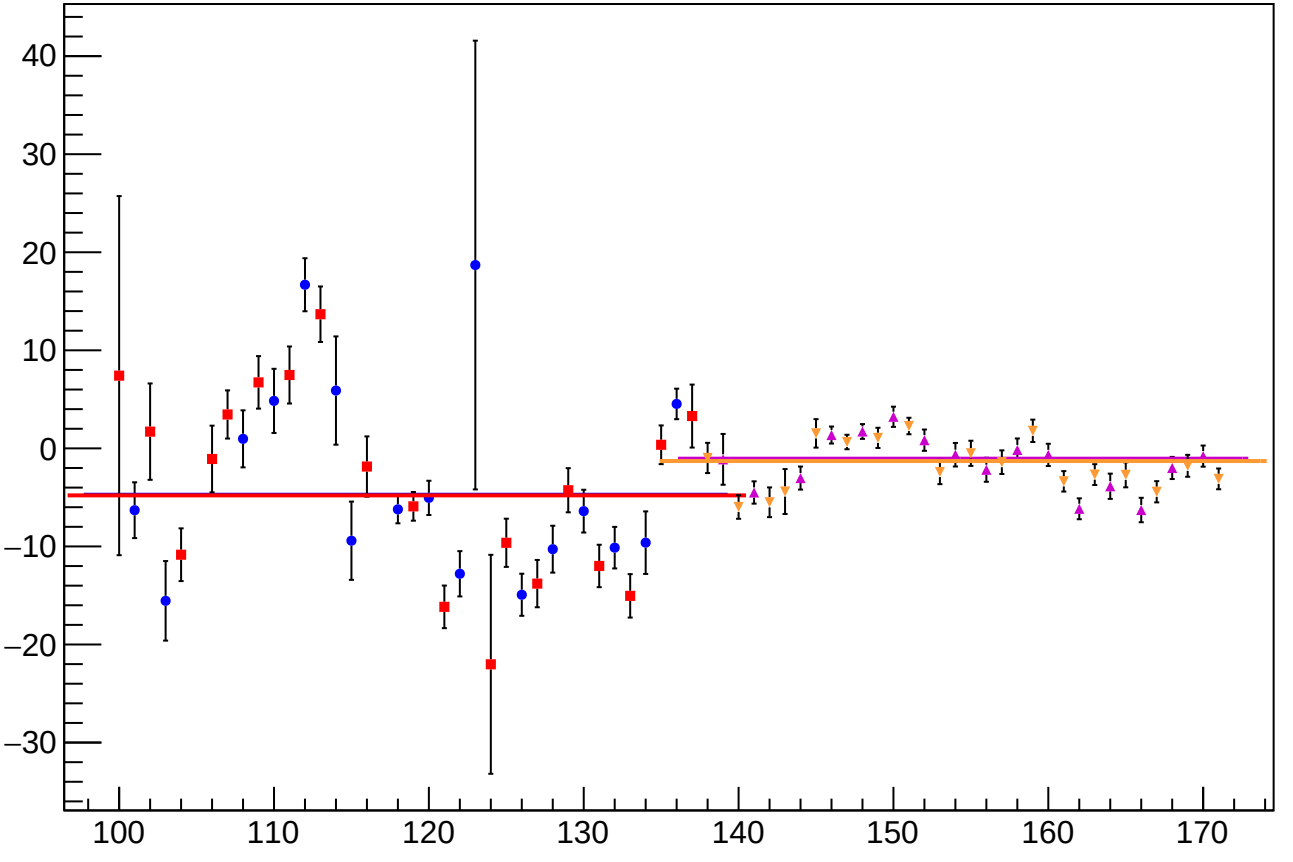
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 26.985+/-0.380 χ^2/NDF:230.3/15

Out: 25.597+/-0.374 χ^2/NDF:1503.5/17

All: 26.280+/-0.266 χ^2/NDF: 1740.5/33

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: -1.291+/-0.266 χ^2/NDF:85.6/17

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -1.052+/-0.276 χ^2/NDF:101.3/15

Left: -1.176+/-0.192 χ^2/NDF: 187.4/33

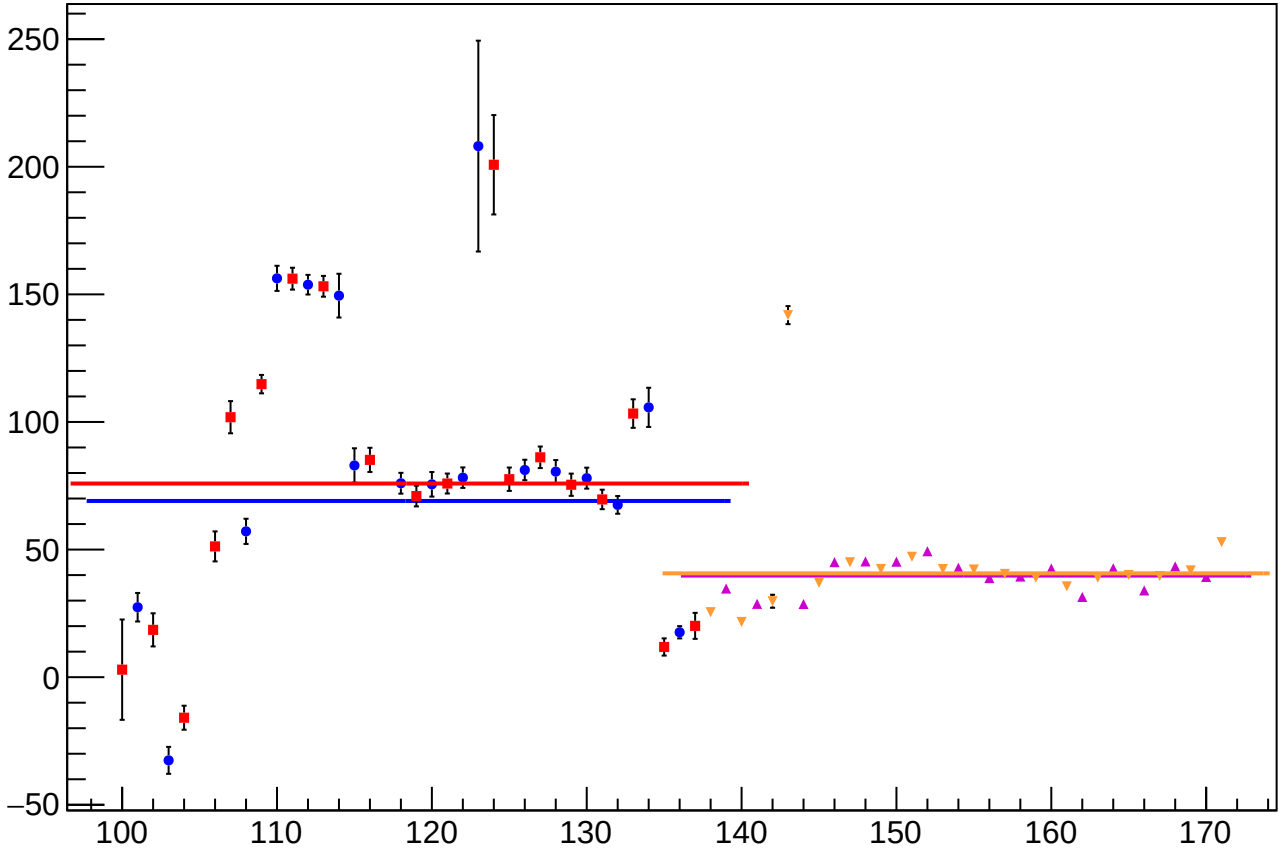
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -1.731+/-0.249 χ^2/NDF:309.0/32

Out: -1.891+/-0.242 χ^2/NDF:308.7/36

All: -1.813+/-0.174 χ^2/NDF: 618.0/69

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 40.679+/-0.368 χ^2/NDF:1214.2/17

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 39.800+/-0.372 χ^2/NDF:263.2/15

Left: 40.244+/-0.262 χ^2/NDF: 1480.2/33

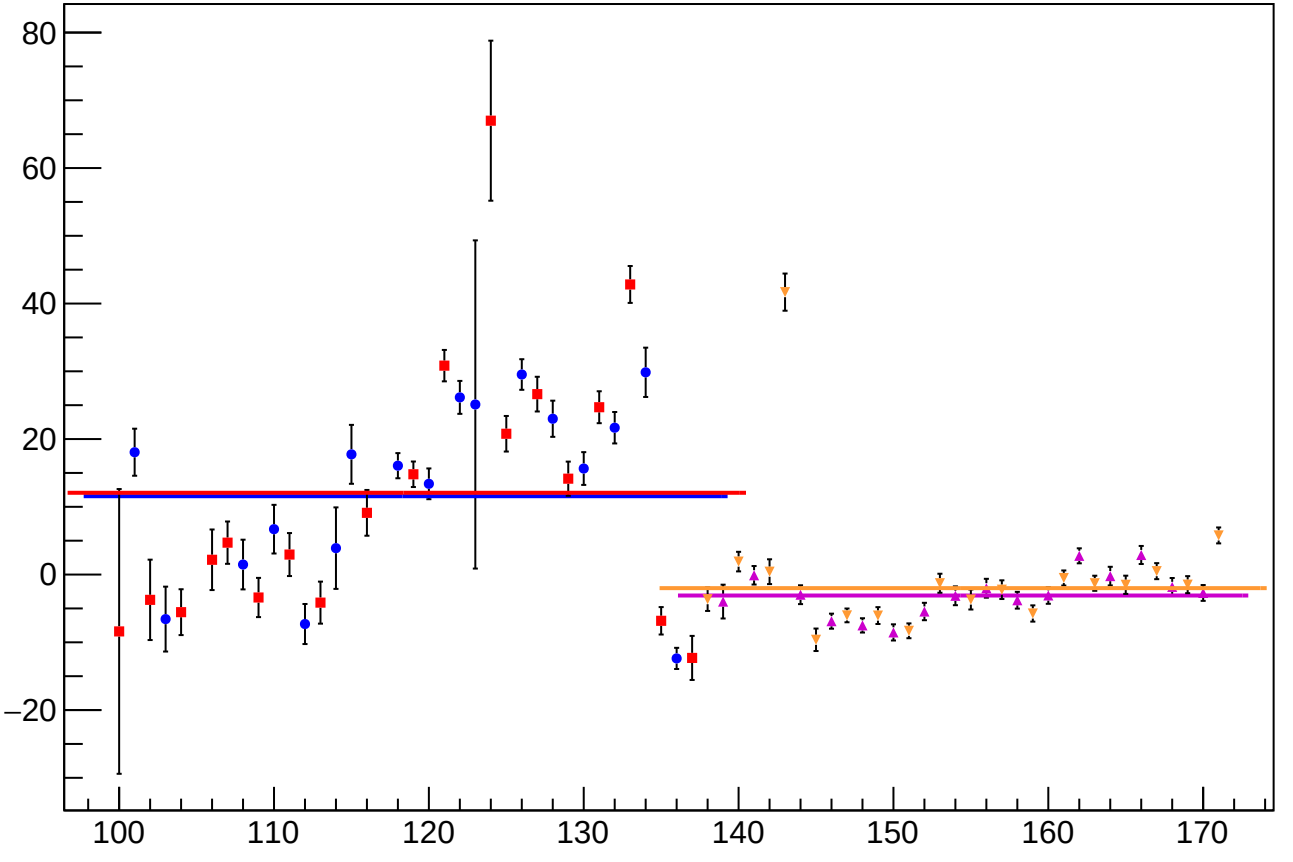
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 42.920+/-0.352 χ^2/NDF:2770.3/32

Out: 44.401+/-0.348 χ^2/NDF:4077.9/36

All: 43.669+/-0.247 χ^2/NDF: 6857.2/69

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: -2.004+/-0.309 χ^2/NDF:406.4/17

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -3.092+/-0.319 χ^2/NDF:112.7/15

Left: -2.529+/-0.222 χ^2/NDF: 525.1/33

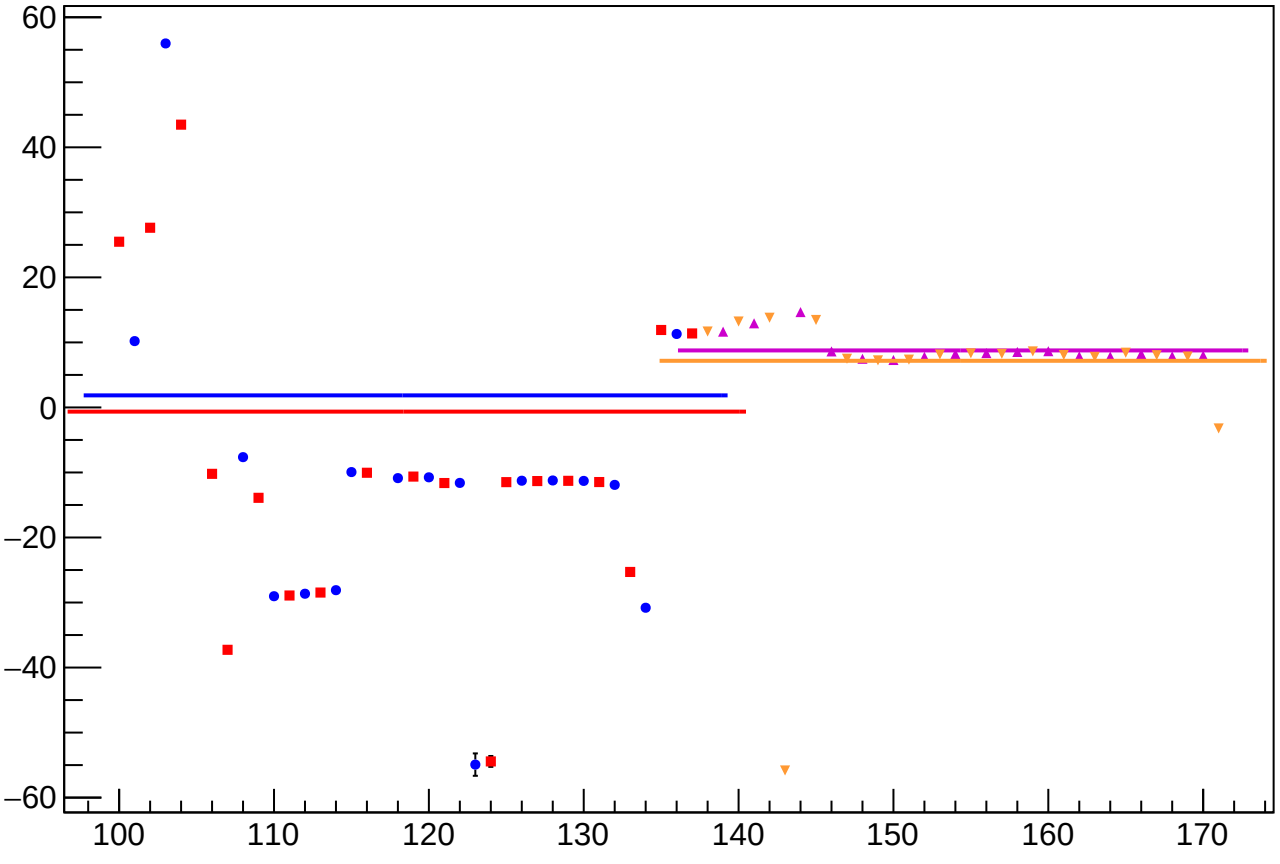
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: -0.299+/-0.287 χ^2/NDF:992.2/32

Out: 0.496+/-0.280 χ^2/NDF:1318.7/36

All: 0.109+/-0.201 χ^2/NDF: 2314.8/69

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: 7.172+/-0.014 χ^2/NDF:271499.6/17

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 8.767+/-0.015 χ^2/NDF:15109.0/15

Left: 7.955+/-0.010 χ^2/NDF: 292722.1/33

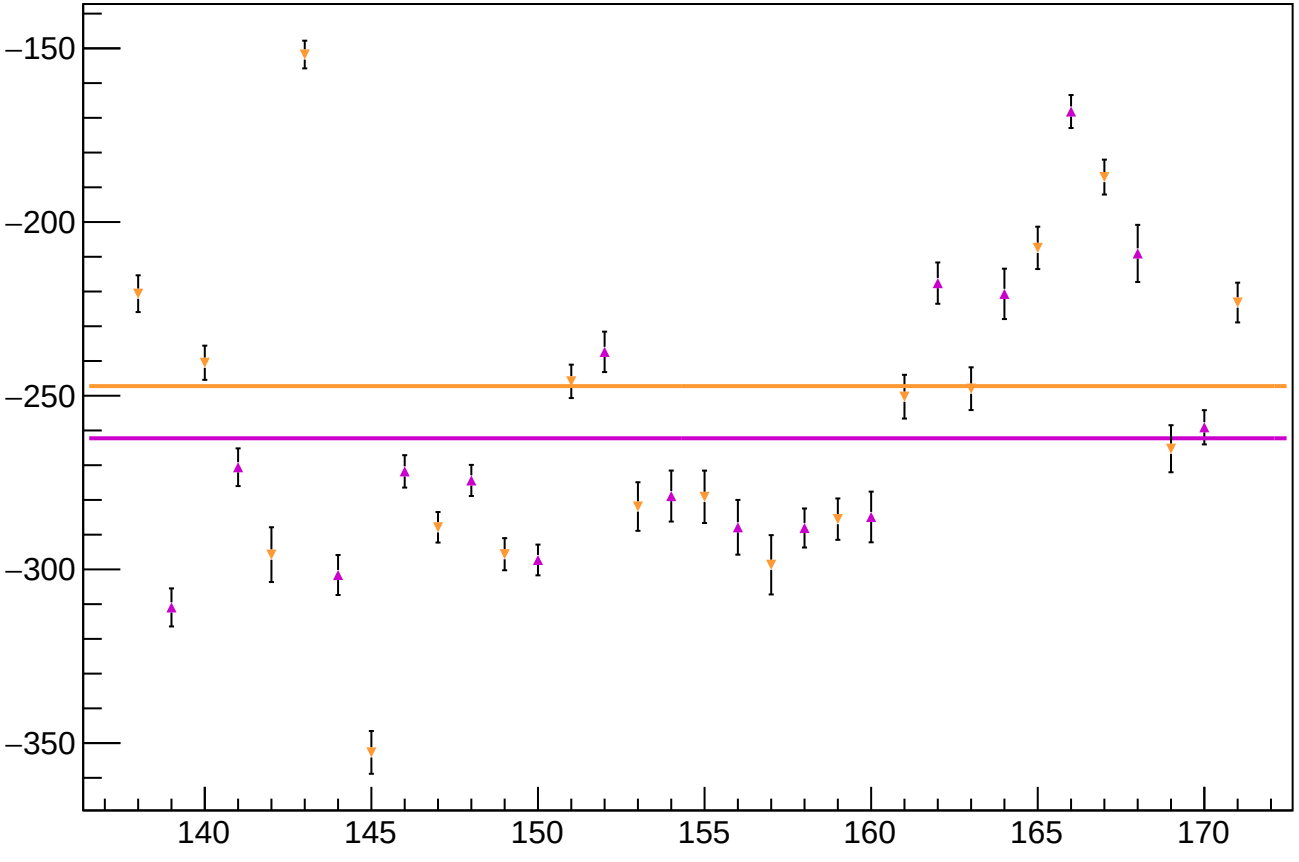
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.840+/-0.014 χ^2/NDF:404742.5/32

Out: 6.159+/-0.013 χ^2/NDF:671857.2/36

All: 6.987+/-0.010 χ^2/NDF: 1084422.4/69

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: -247.229+/-1.319 χ^2/NDF:1457.3/17

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

Left In: -262.252+/-1.405 χ^2/NDF:791.9/15

Left: -254.270+/-0.962 χ^2/NDF: 2309.9/33

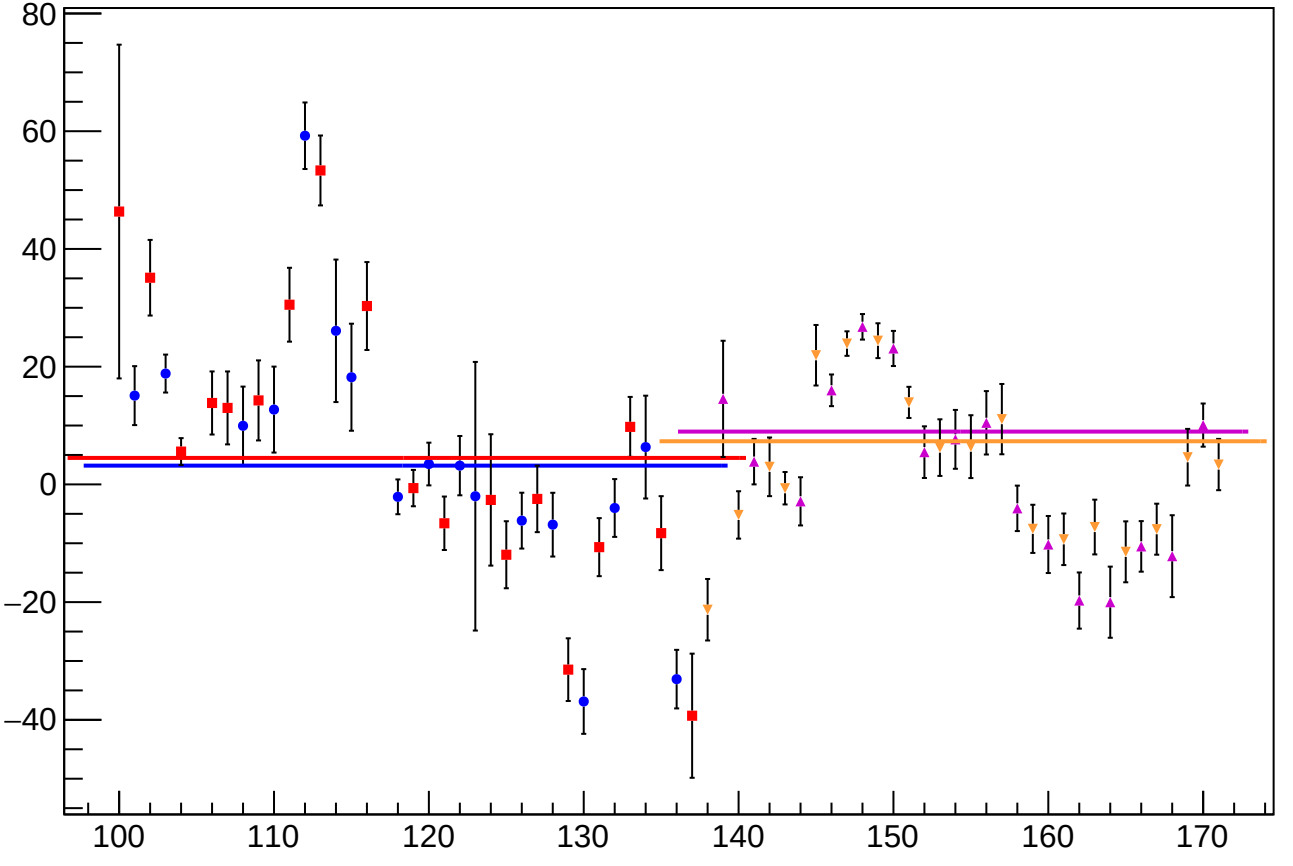
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -262.252+/-1.405 χ^2/NDF:791.9/15

Out: -247.229+/-1.319 χ^2/NDF:1457.3/17

All: -254.270+/-0.962 χ^2/NDF: 2309.9/33

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: 7.328+/-0.896 χ^2/NDF:224.2/17

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 8.970+/-0.973 χ^2/NDF:223.8/15

Left: 8.081+/-0.659 χ^2/NDF: 449.5/33

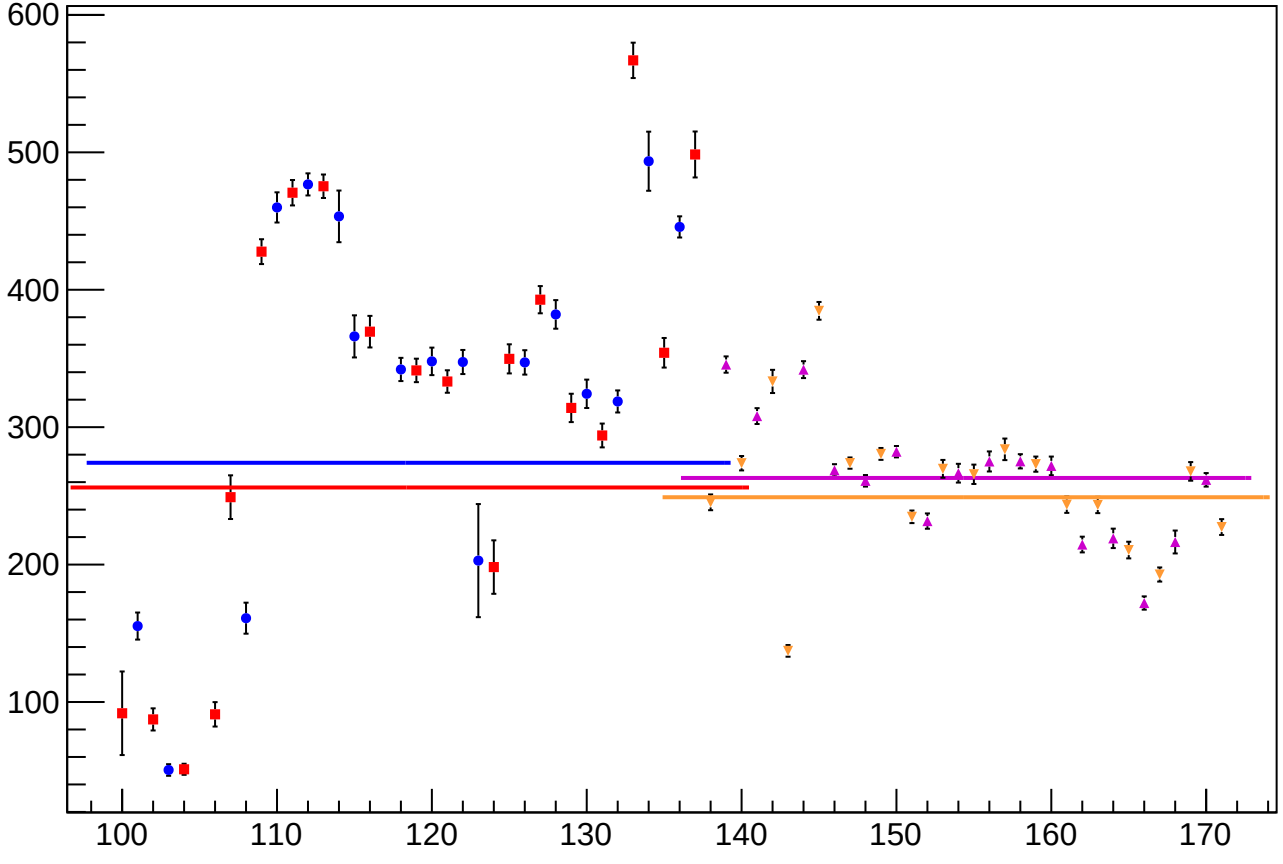
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 6.734+/-0.762 χ^2/NDF:493.1/32

Out: 6.270+/-0.709 χ^2/NDF:453.3/36

All: 6.485+/-0.519 χ^2/NDF: 946.6/69

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: 249.009+/-1.306 χ^2/NDF:1590.7/17

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 263.041+/-1.373 χ^2/NDF:980.0/15

Left: 255.673+/-0.946 χ^2/NDF: 2625.5/33

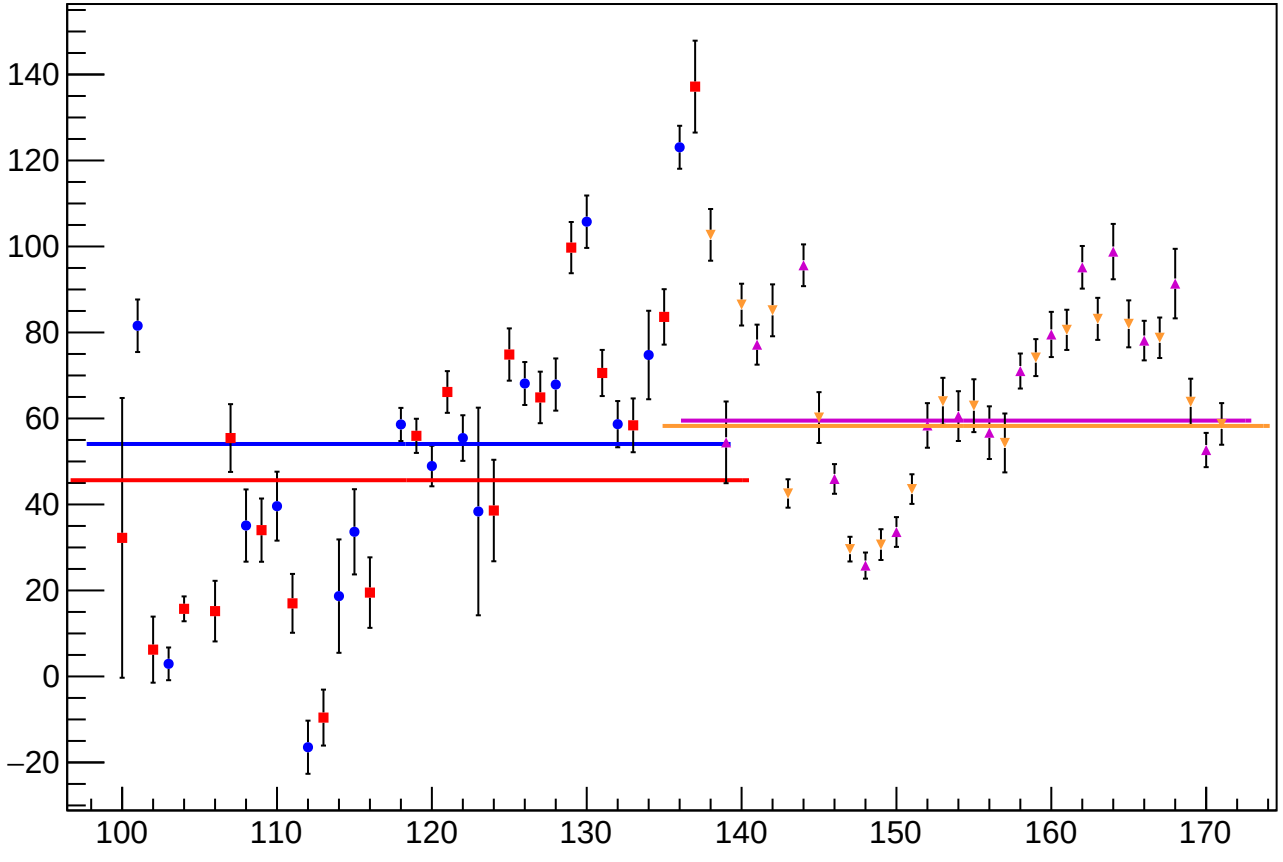
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 266.153+/-1.163 χ^2/NDF:6110.2/32

Out: 251.016+/-1.106 χ^2/NDF:8043.1/36

All: 258.201+/-0.802 χ^2/NDF: 14242.2/69

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: 58.263+/-1.066 χ^2/NDF:411.5/17

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 59.504+/-1.150 χ^2/NDF:411.3/15

Left: 58.836+/-0.782 χ^2/NDF: 823.4/33

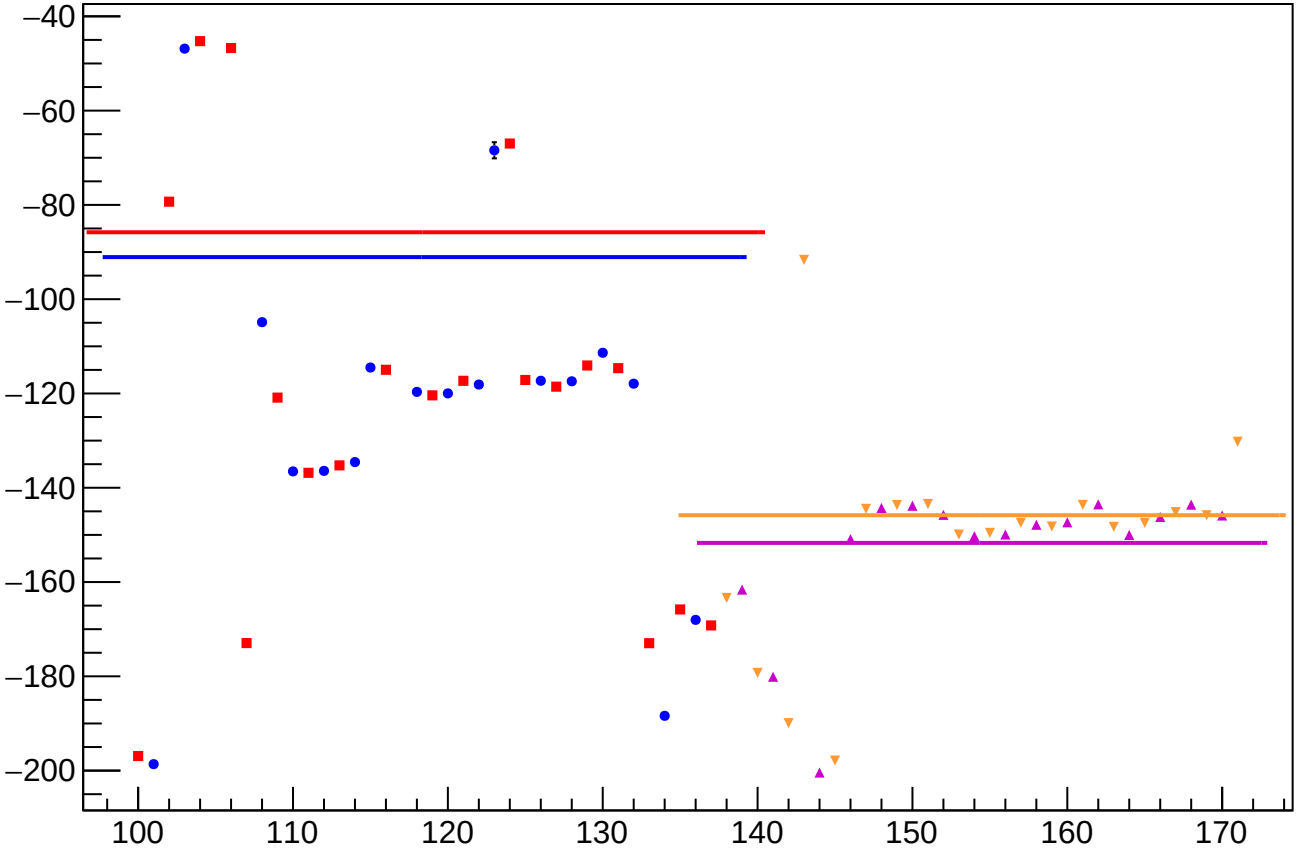
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 57.350+/-0.894 χ^2/NDF:1054.5/32

Out: 53.455+/-0.839 χ^2/NDF:995.7/36

All: 55.278+/-0.612 χ^2/NDF: 2060.3/69

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: -145.823+/-0.052 χ^2/NDF:193415.4/17

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -151.695+/-0.055 χ^2/NDF:58632.1/15

Left: -148.616+/-0.038 χ^2/NDF: 258092.2/33

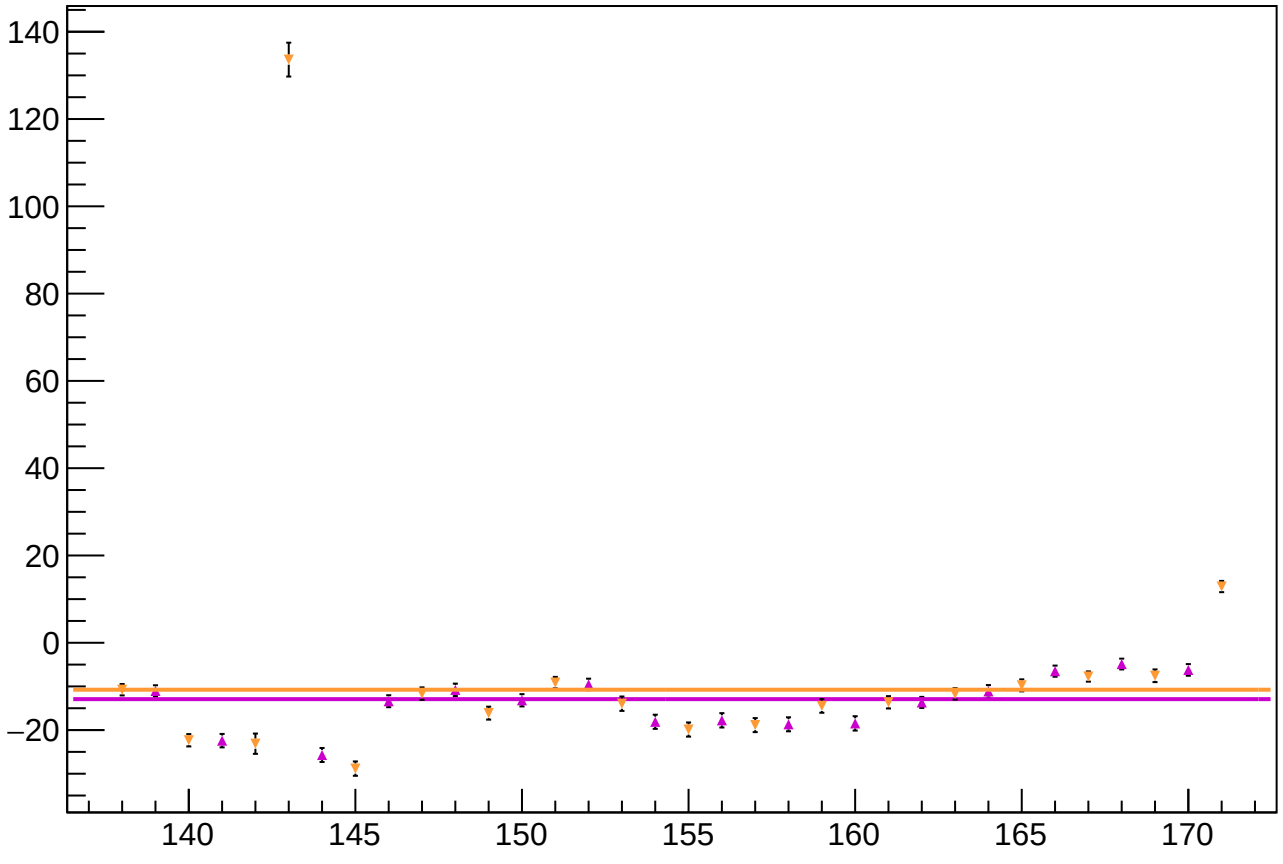
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -127.688+/-0.042 χ^2/NDF:1080002.7/32

Out: -122.367+/-0.041 χ^2/NDF:1208084.7/36

All: -124.910+/-0.029 χ^2/NDF: 2296270.6/69

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: -10.753+/-0.350 χ^2/NDF:2033.0/17

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

Left In: -12.915+/-0.355 χ^2/NDF:250.3/15

Left: -11.818+/-0.249 χ^2/NDF: 2302.1/33

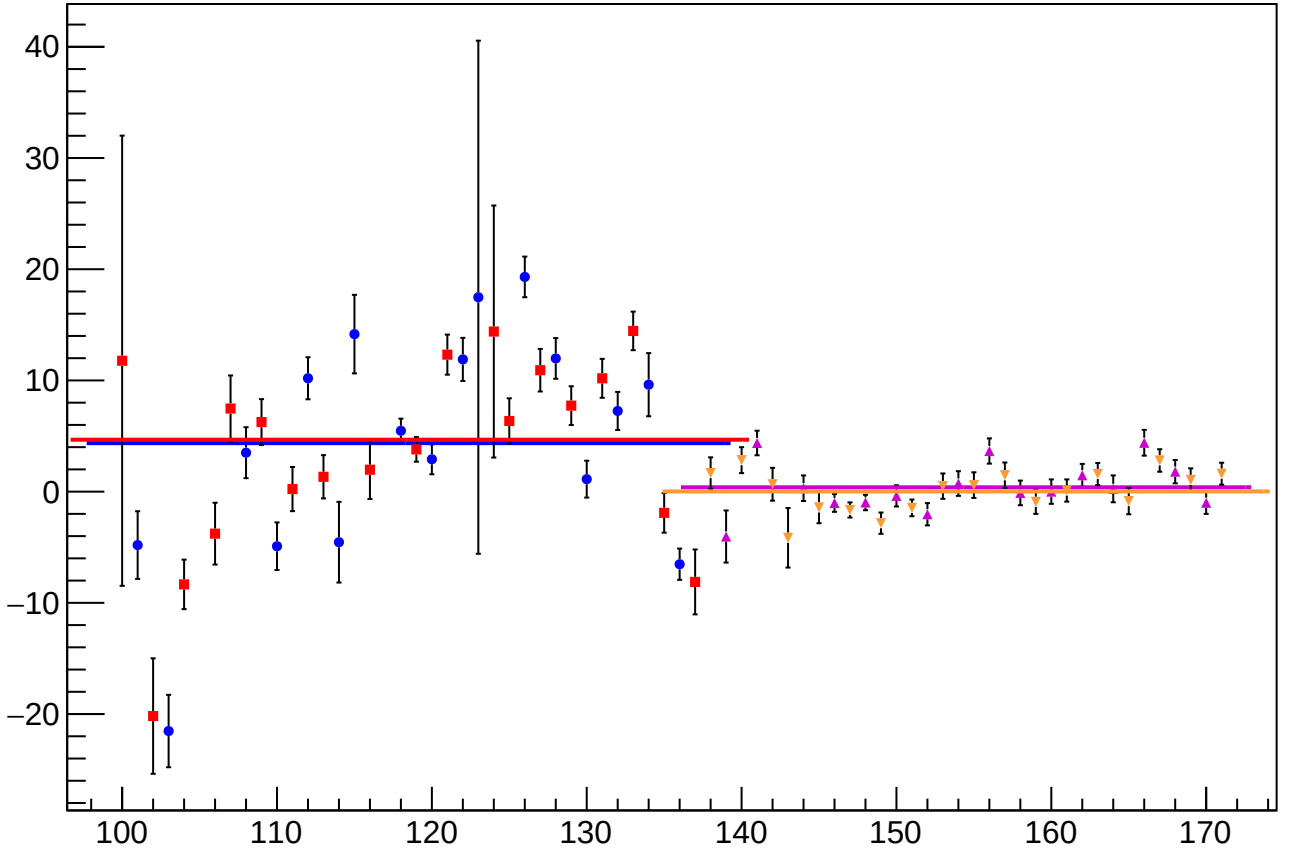
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.915+/-0.355 χ^2/NDF:250.3/15

Out: -10.753+/-0.350 χ^2/NDF:2033.0/17

All: -11.818+/-0.249 χ^2/NDF: 2302.1/33

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: 0.018+/-0.249 χ^2/NDF:46.6/17

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.390+/-0.258 χ^2/NDF:55.5/15

Left: 0.197+/-0.179 χ^2/NDF: 103.2/33

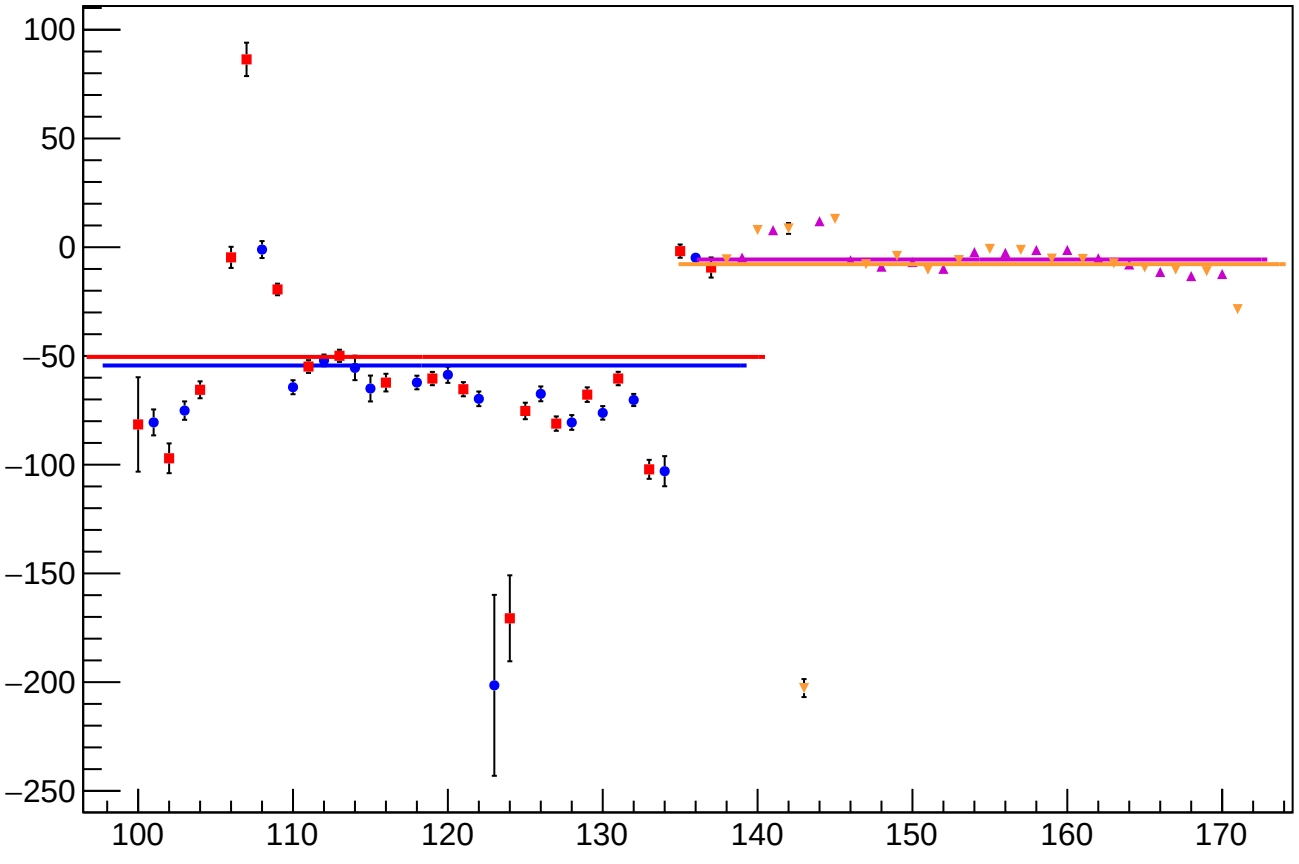
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.327+/-0.226 χ^2/NDF:397.9/32

Out: 1.023+/-0.220 χ^2/NDF:307.4/36

All: 1.172+/-0.158 χ^2/NDF: 706.2/69

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: -7.791+/-0.344 χ^2/NDF:2841.2/17

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -5.648+/-0.348 χ^2/NDF:301.8/15

Left: -6.731+/-0.245 χ^2/NDF: 3162.1/33

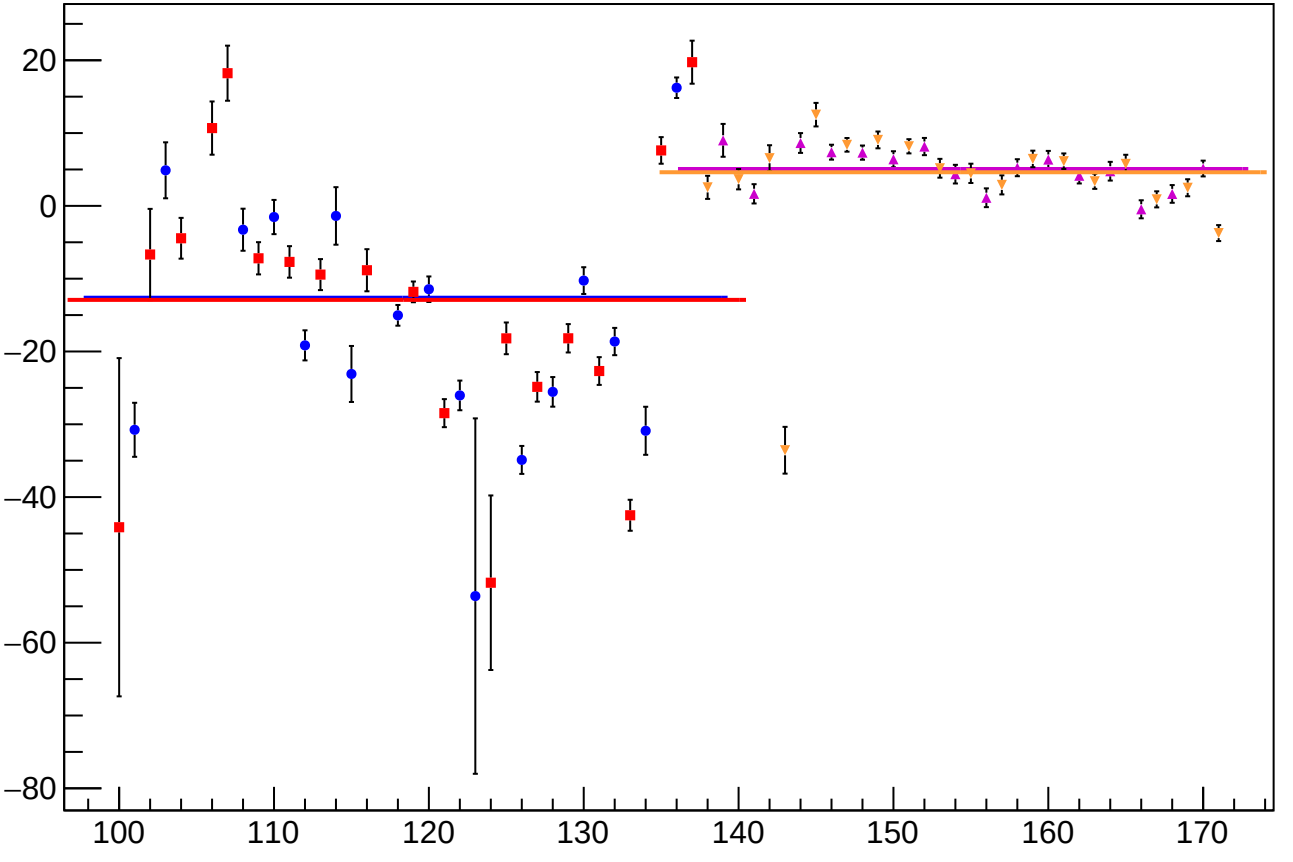
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -12.464+/-0.323 χ^2/NDF:4062.4/32

Out: -13.703+/-0.319 χ^2/NDF:6297.3/36

All: -13.090+/-0.227 χ^2/NDF: 10367.1/69

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: 4.620+/-0.289 χ^2/NDF:294.4/17

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 5.066+/-0.299 χ^2/NDF:74.8/15

Left: 4.835+/-0.208 χ^2/NDF: 370.4/33

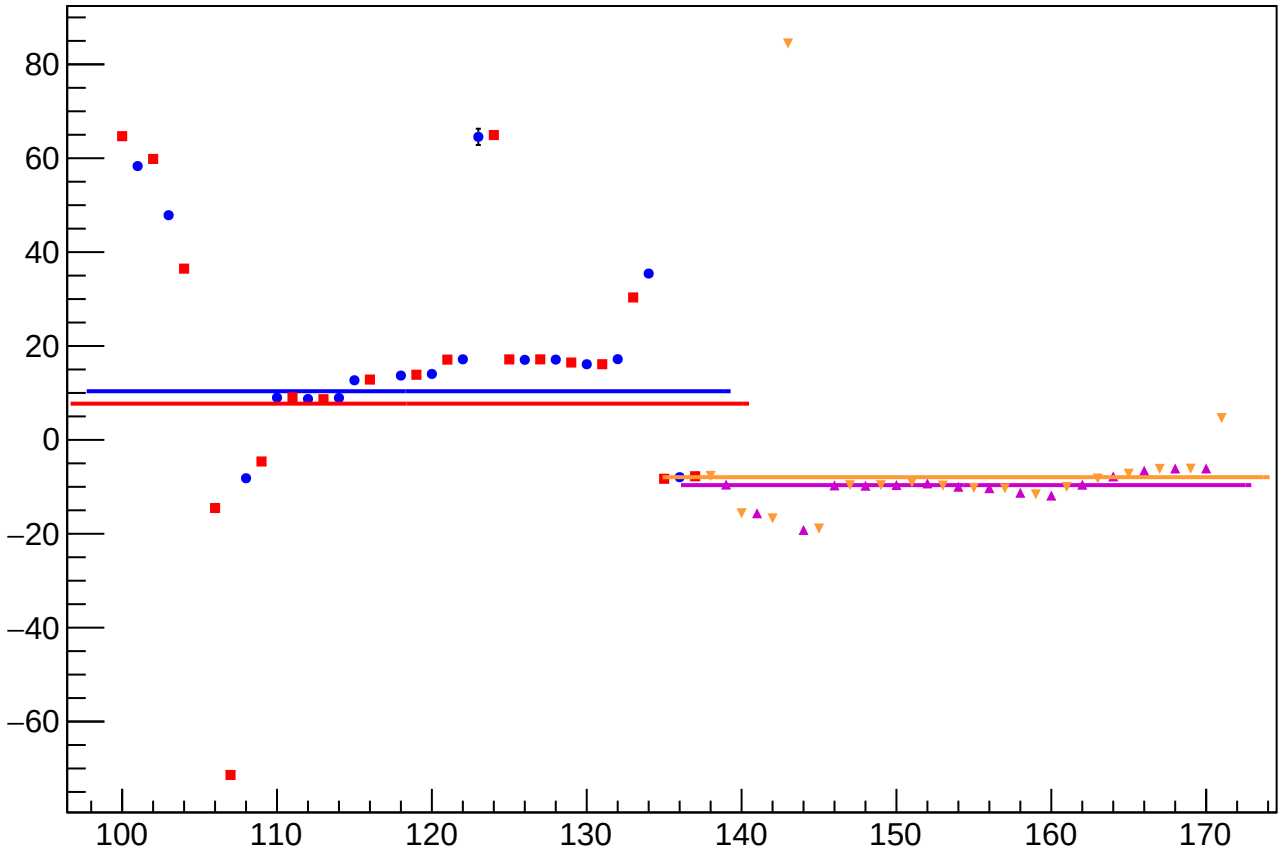
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: 0.794+/-0.261 χ^2/NDF:1706.6/32

Out: 0.698+/-0.255 χ^2/NDF:1848.5/36

All: 0.745+/-0.182 χ^2/NDF: 3555.1/69

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: -7.947+/-0.013 χ^2/NDF:449313.9/17

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -9.637+/-0.014 χ^2/NDF:41981.9/15

Left: -8.777+/-0.010 χ^2/NDF: 499154.5/33

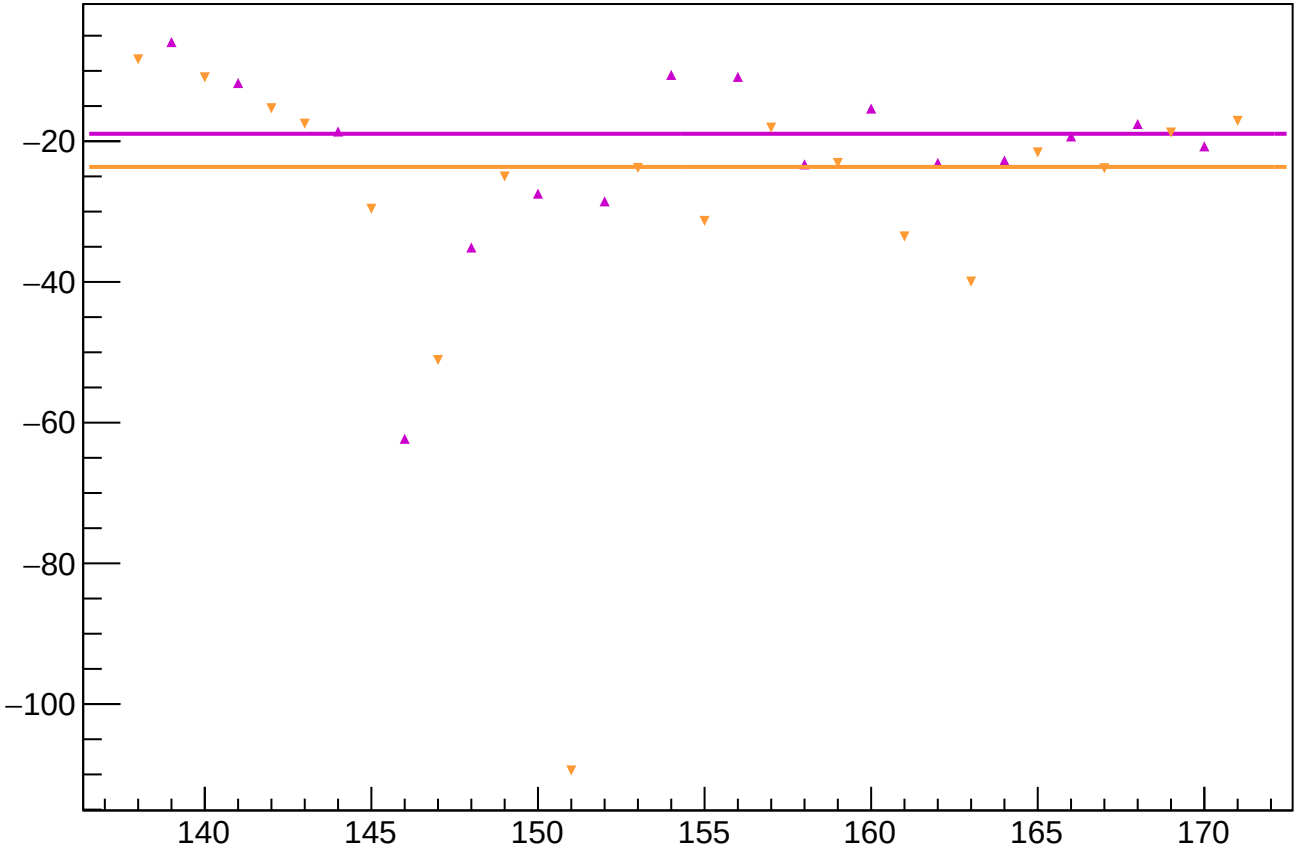
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -6.327+/-0.012 χ^2/NDF:781080.5/32

Out: -5.527+/-0.012 χ^2/NDF:1206828.1/36

All: -5.923+/-0.009 χ^2/NDF: 1990008.7/69

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.652+/-0.056 χ^2/NDF:59176.6/17

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

Left In: -18.939+/-0.050 χ^2/NDF:38014.4/15

Left: -21.064+/-0.037 χ^2/NDF: 101131.9/33

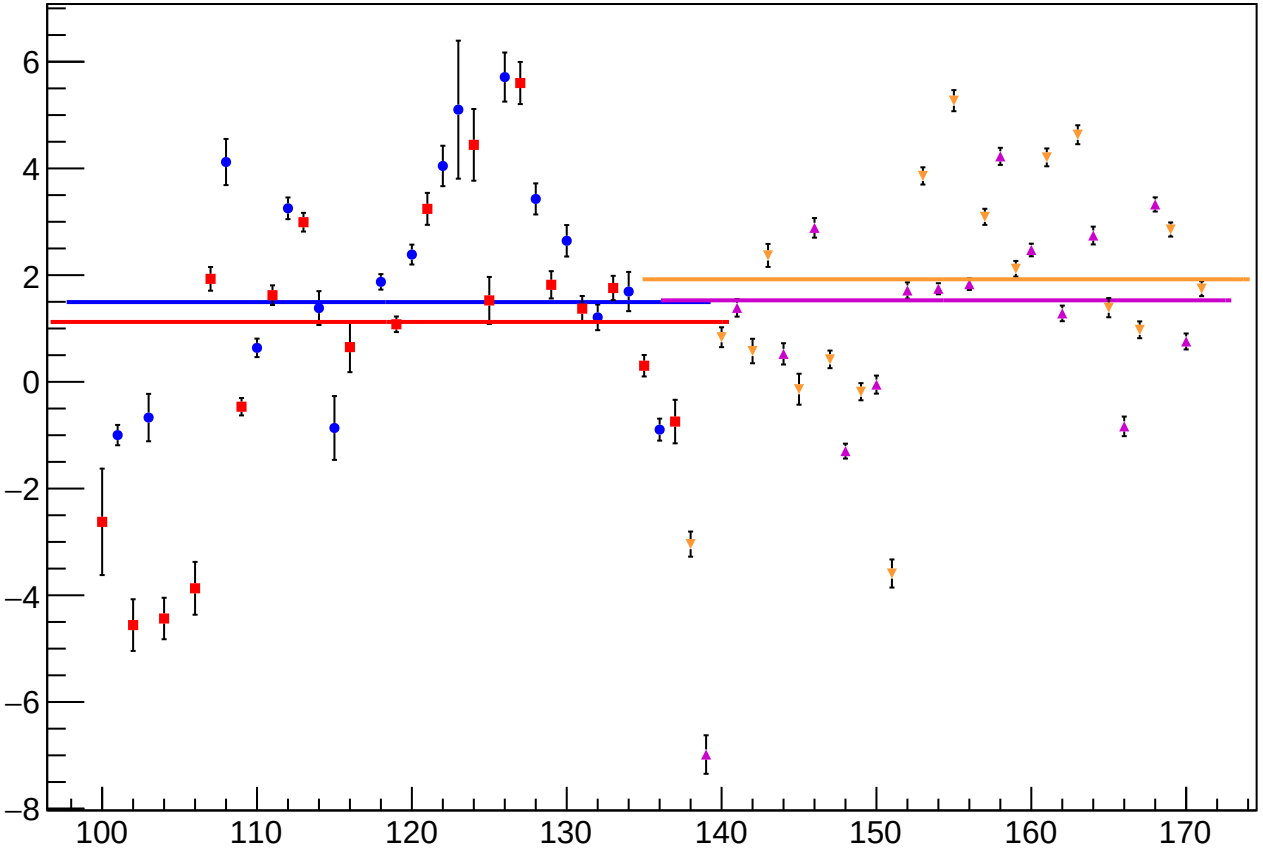
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.939+/-0.050 χ^2/NDF:38014.4/15

Out: -23.652+/-0.056 χ^2/NDF:59176.6/17

All: -21.064+/-0.037 χ^2/NDF: 101131.9/33

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: 1.922+/-0.041 χ^2/NDF:2269.7/17

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.528+/-0.037 χ^2/NDF:1924.5/15

Left: 1.704+/-0.028 χ^2/NDF: 4244.9/33

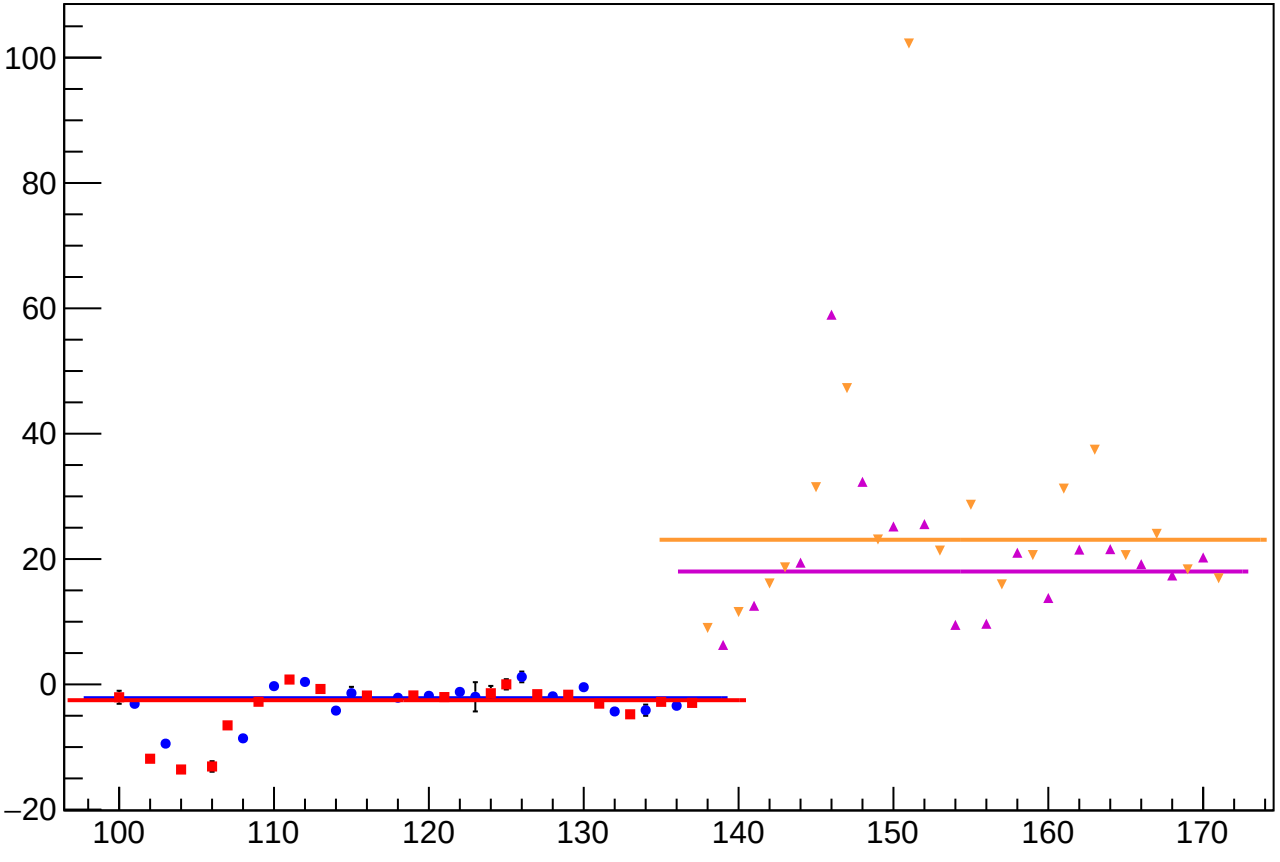
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.519+/-0.032 χ^2/NDF:2633.5/32

Out: 1.655+/-0.034 χ^2/NDF:3341.9/36

All: 1.583+/-0.023 χ^2/NDF: 5984.2/69

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: 23.078+/-0.055 χ^2/NDF:52981.7/17

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 18.012+/-0.049 χ^2/NDF:35895.2/15

Left: 20.257+/-0.037 χ^2/NDF: 93623.6/33

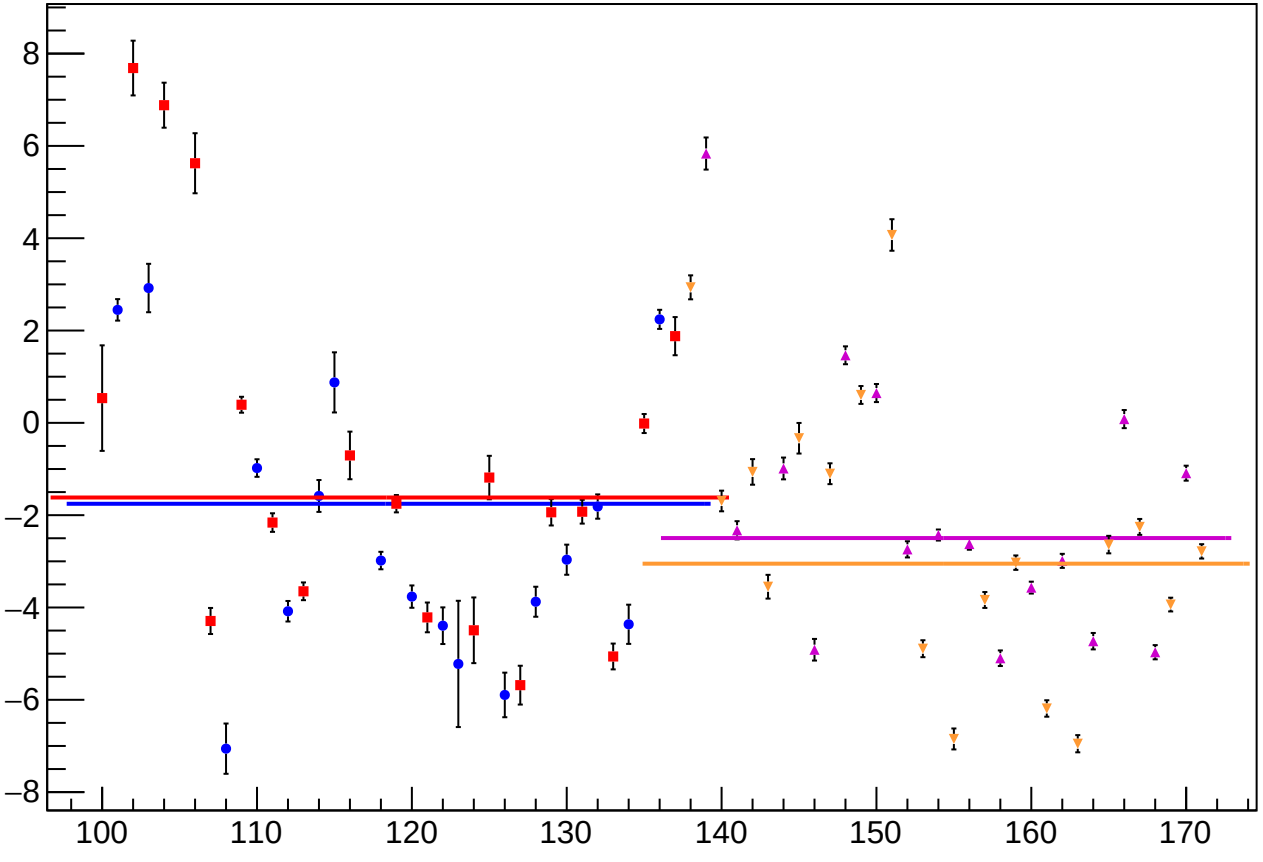
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 14.699+/-0.045 χ^2/NDF:64286.2/32

Out: 17.058+/-0.048 χ^2/NDF:105068.5/36

All: 15.797+/-0.033 χ^2/NDF: 170646.3/69

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: -3.051+/-0.047 χ^2/NDF:2771.1/17

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -2.496+/-0.042 χ^2/NDF:2379.7/15

Left: -2.744+/-0.031 χ^2/NDF: 5228.8/33

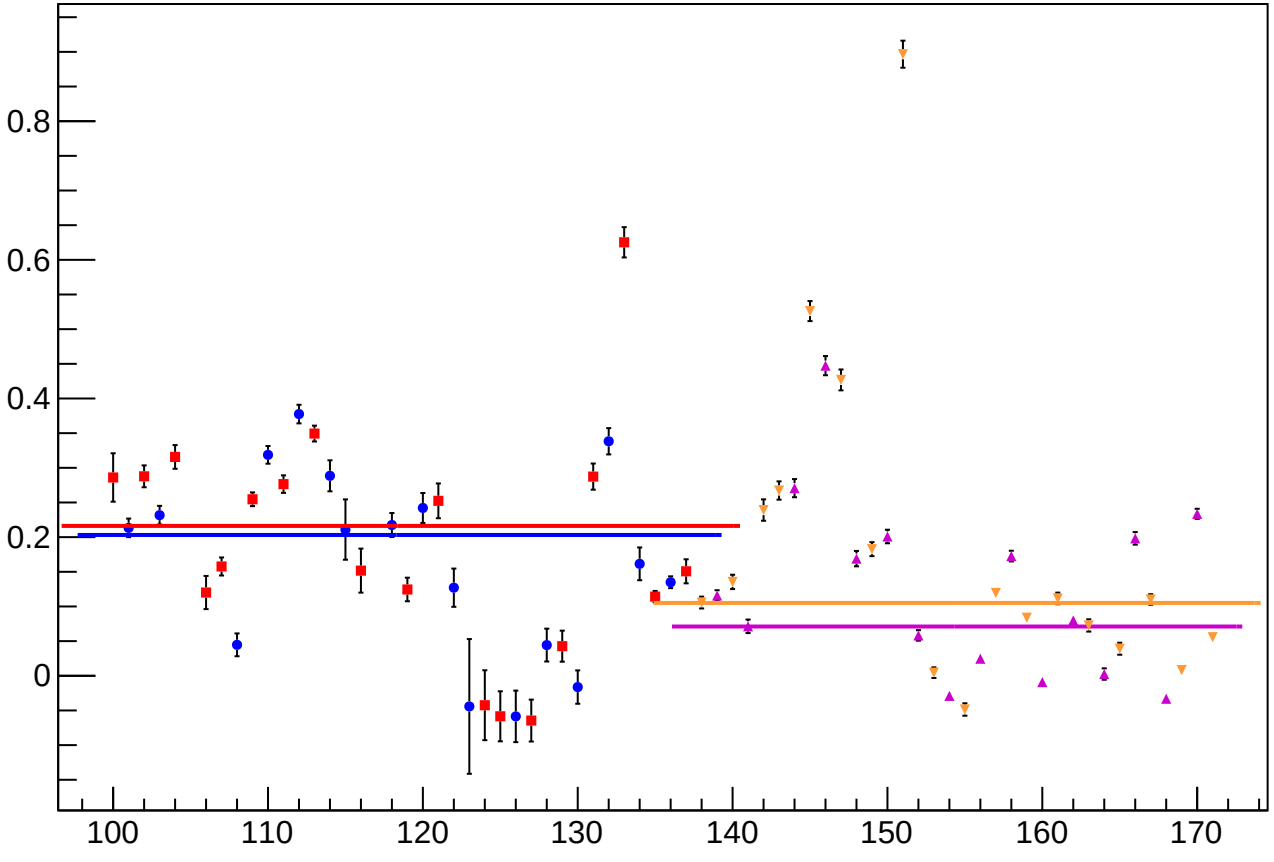
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -2.300+/-0.036 χ^2/NDF:3807.0/32

Out: -2.570+/-0.038 χ^2/NDF:4574.8/36

All: -2.428+/-0.026 χ^2/NDF: 8408.2/69

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.105+/-0.002 χ^2/NDF:4054.5/17

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.071+/-0.002 χ^2/NDF:3185.6/15

Left: 0.086+/-0.001 χ^2/NDF: 7390.2/33

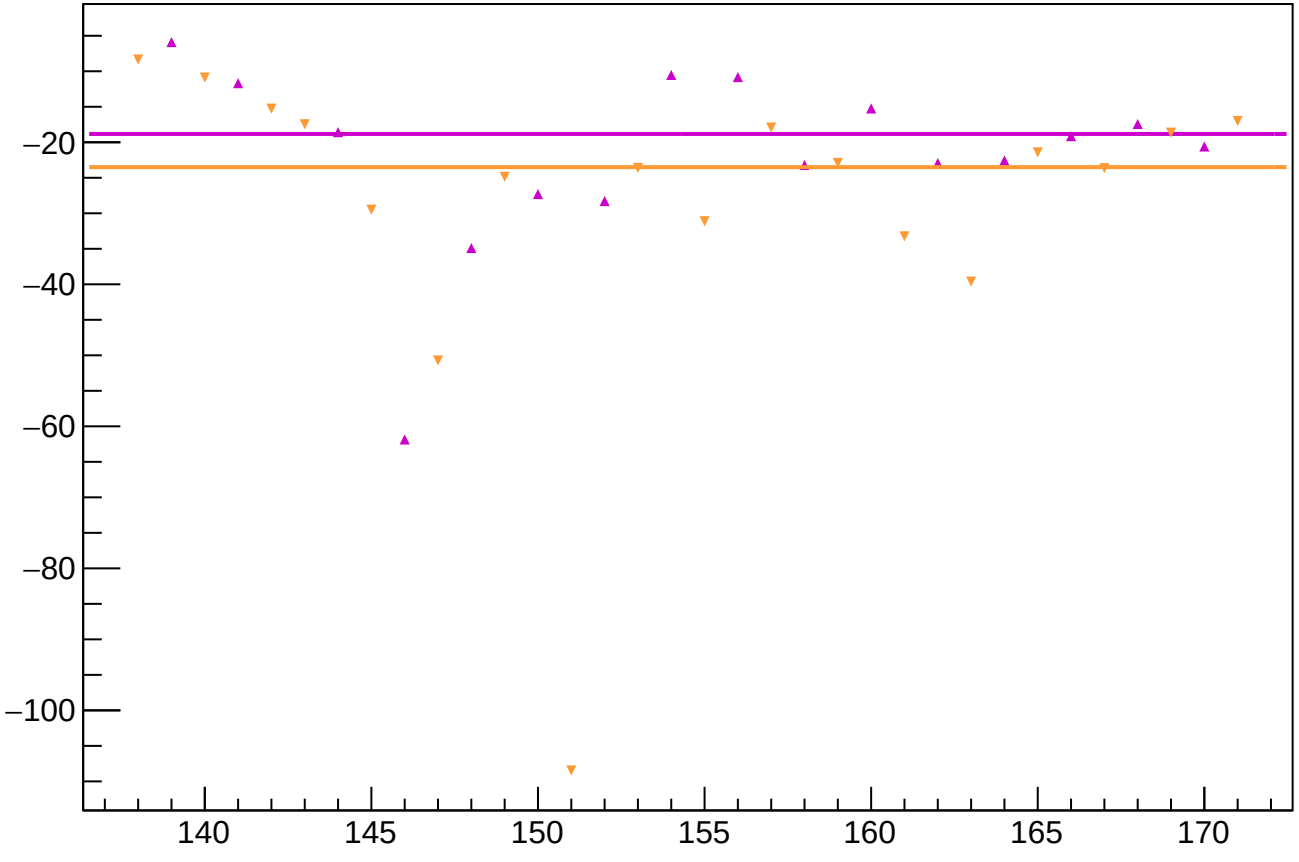
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.093+/-0.002 χ^2/NDF:4716.7/32

Out: 0.132+/-0.002 χ^2/NDF:5808.0/36

All: 0.111+/-0.001 χ^2/NDF: 10777.2/69

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: -23.502+/-0.055 χ^2/NDF:58996.3/17

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

Left In: -18.828+/-0.050 χ^2/NDF:37927.2/15

Left: -20.936+/-0.037 χ^2/NDF: 100850.9/33

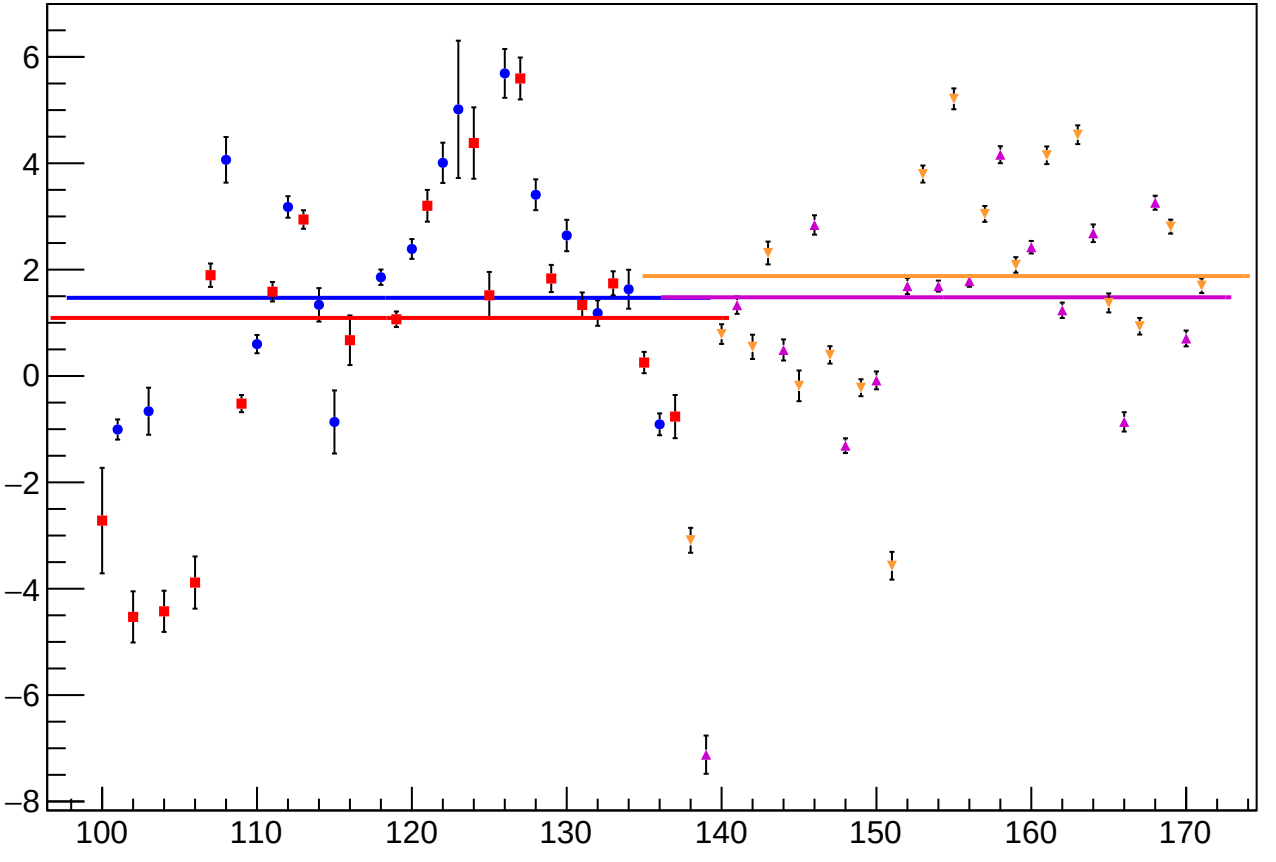
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.828+/-0.050 χ^2/NDF:37927.2/15

Out: -23.502+/-0.055 χ^2/NDF:58996.3/17

All: -20.936+/-0.037 χ^2/NDF: 100850.9/33

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: 1.879+/-0.041 χ^2/NDF:2269.3/17

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 1.480+/-0.037 χ^2/NDF:1935.6/15

Left: 1.658+/-0.027 χ^2/NDF: 4257.4/33

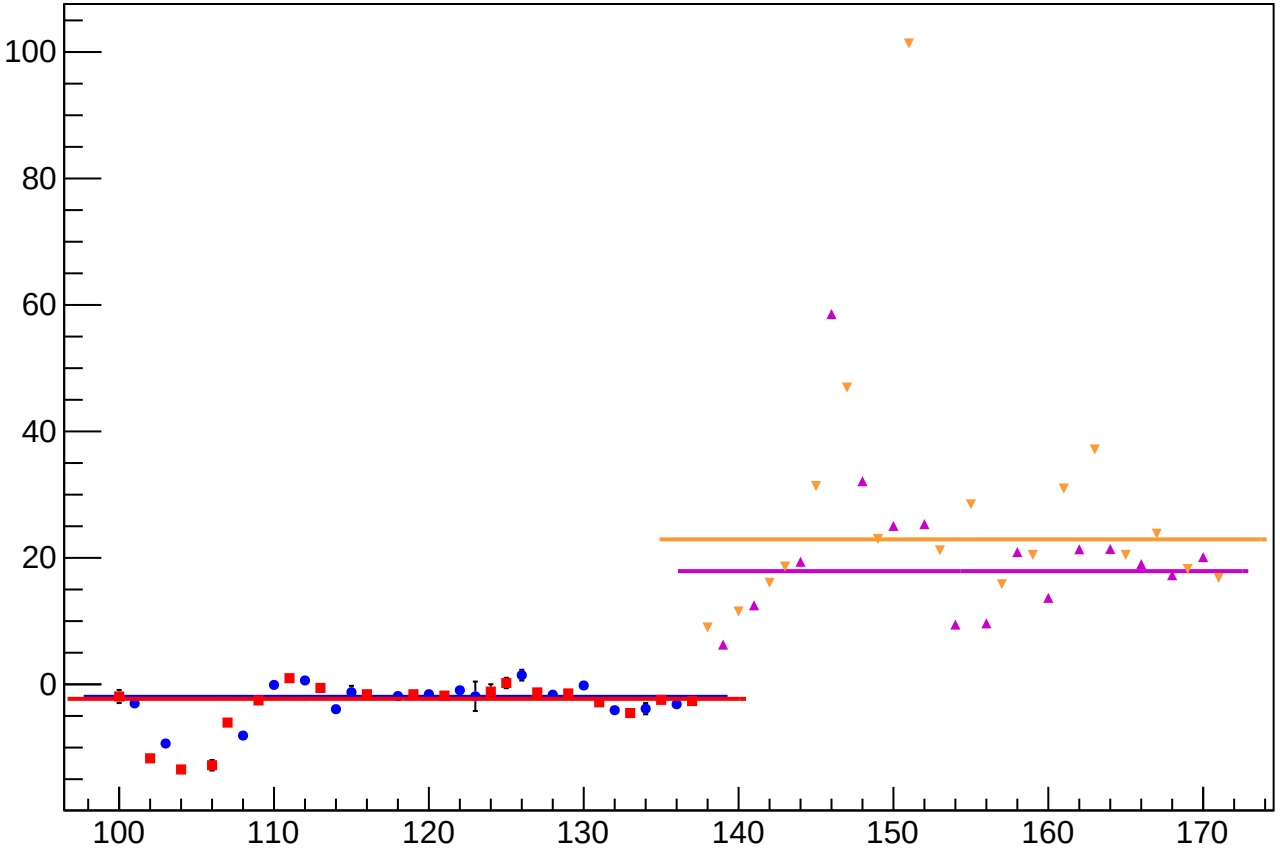
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.477+/-0.031 χ^2/NDF:2643.5/32

Out: 1.617+/-0.033 χ^2/NDF:3344.5/36

All: 1.543+/-0.023 χ^2/NDF: 5997.2/69

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 22.930+/-0.055 χ^2/NDF:52842.4/17

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.906+/-0.049 χ^2/NDF:35819.6/15

Left: 20.133+/-0.036 χ^2/NDF: 93389.4/33

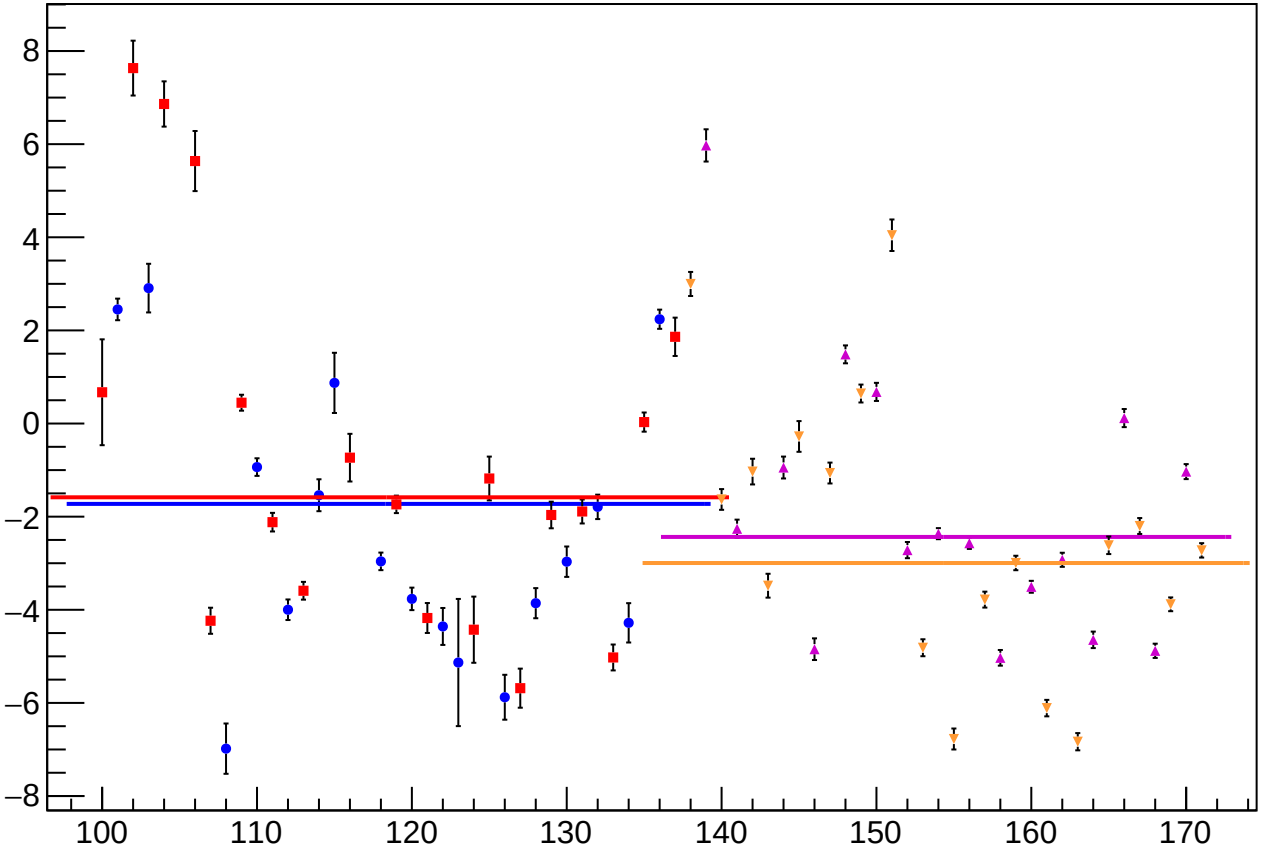
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 14.655+/-0.044 χ^2/NDF:63592.0/32

Out: 17.009+/-0.048 χ^2/NDF:104005.9/36

All: 15.750+/-0.033 χ^2/NDF: 168900.4/69

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: -2.996+/-0.046 χ^2/NDF:2769.5/17

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -2.435+/-0.042 χ^2/NDF:2391.6/15

Left: -2.686+/-0.031 χ^2/NDF: 5241.7/33

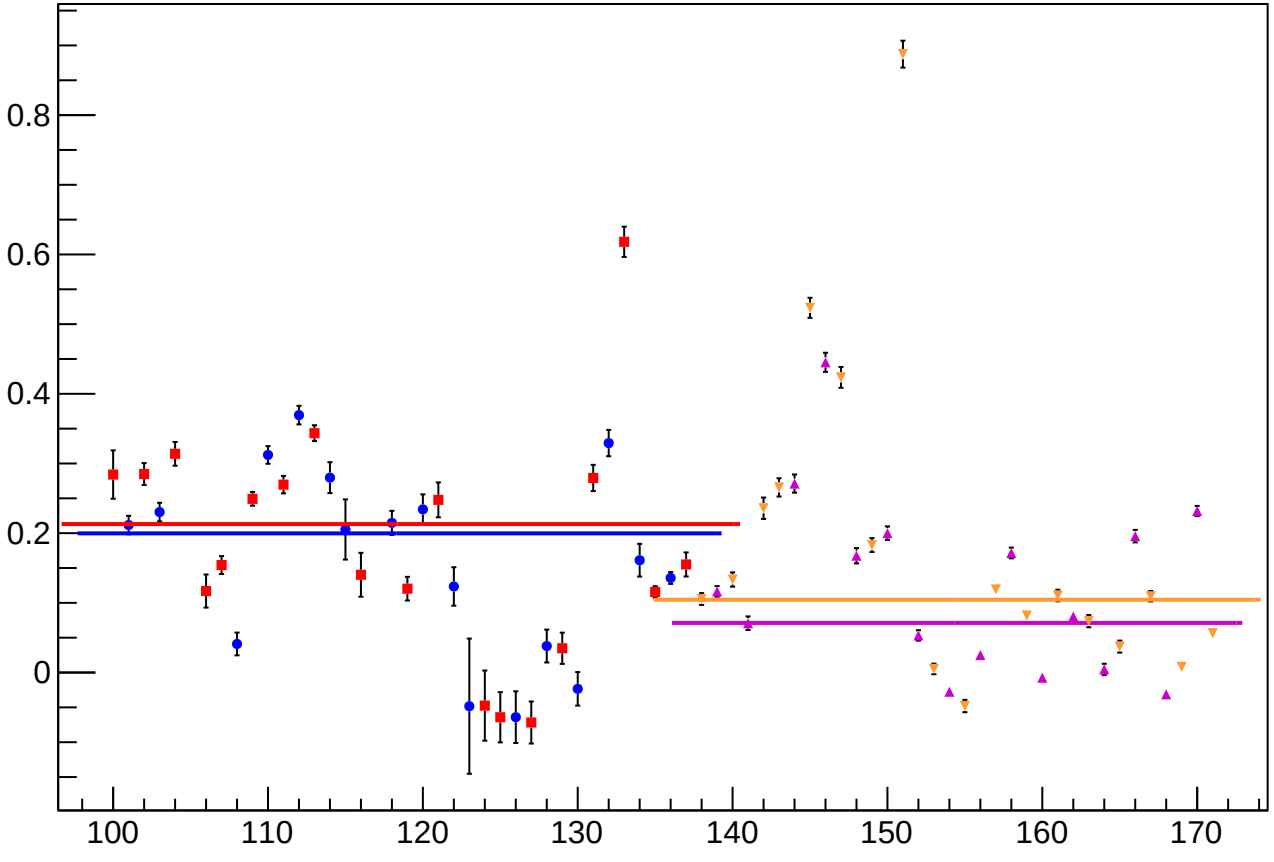
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -2.249+/-0.036 χ^2/NDF:3808.9/32

Out: -2.524+/-0.038 χ^2/NDF:4572.0/36

All: -2.379+/-0.026 χ^2/NDF: 8408.6/69

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.104+/-0.002 χ^2/NDF:4046.8/17

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.071+/-0.002 χ^2/NDF:3161.7/15

Left: 0.086+/-0.001 χ^2/NDF: 7354.1/33

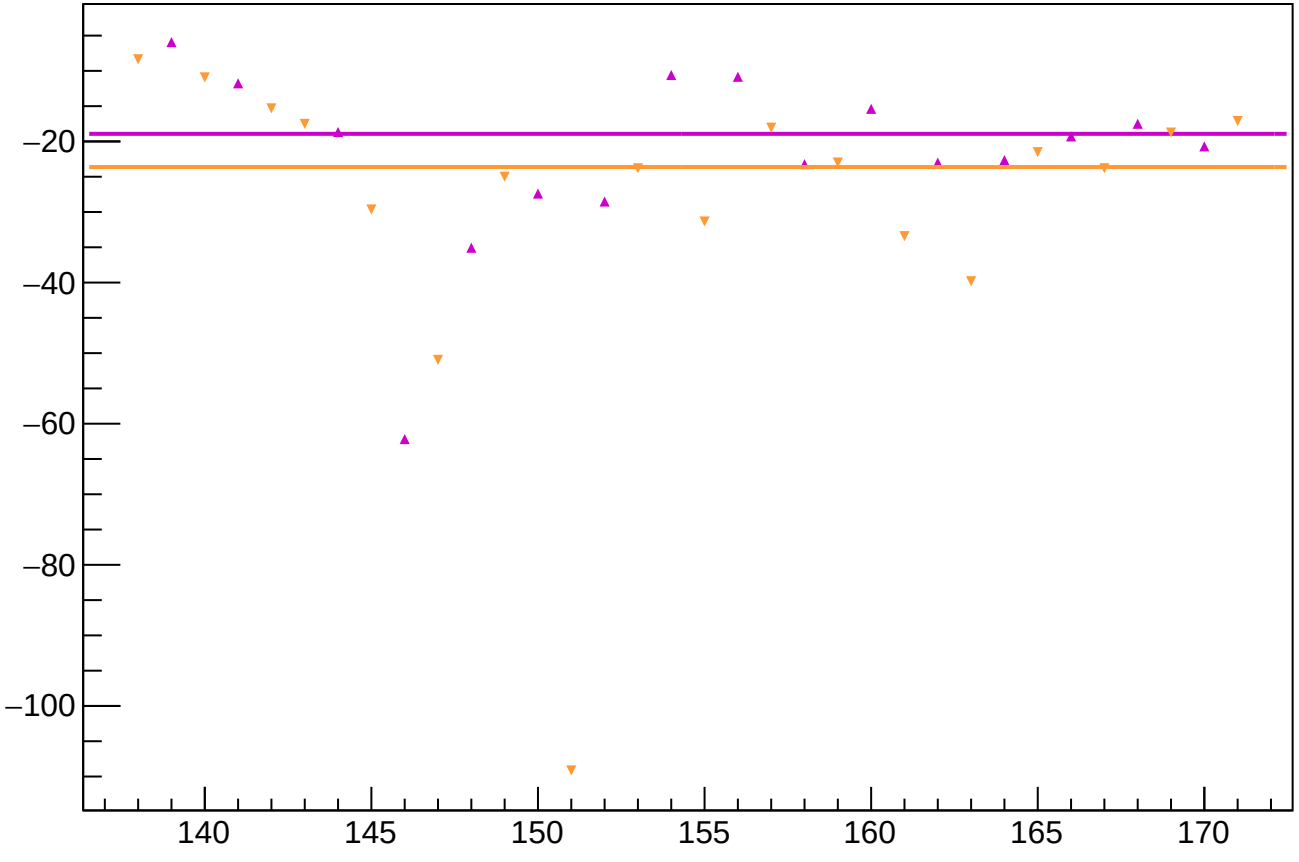
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.092+/-0.002 χ^2/NDF:4641.5/32

Out: 0.131+/-0.002 χ^2/NDF:5760.4/36

All: 0.110+/-0.001 χ^2/NDF: 10647.5/69

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.629+/-0.055 χ^2/NDF:59118.1/17

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

Left In: -18.920+/-0.050 χ^2/NDF:37988.1/15

Left: -21.043+/-0.037 χ^2/NDF: 101060.4/33

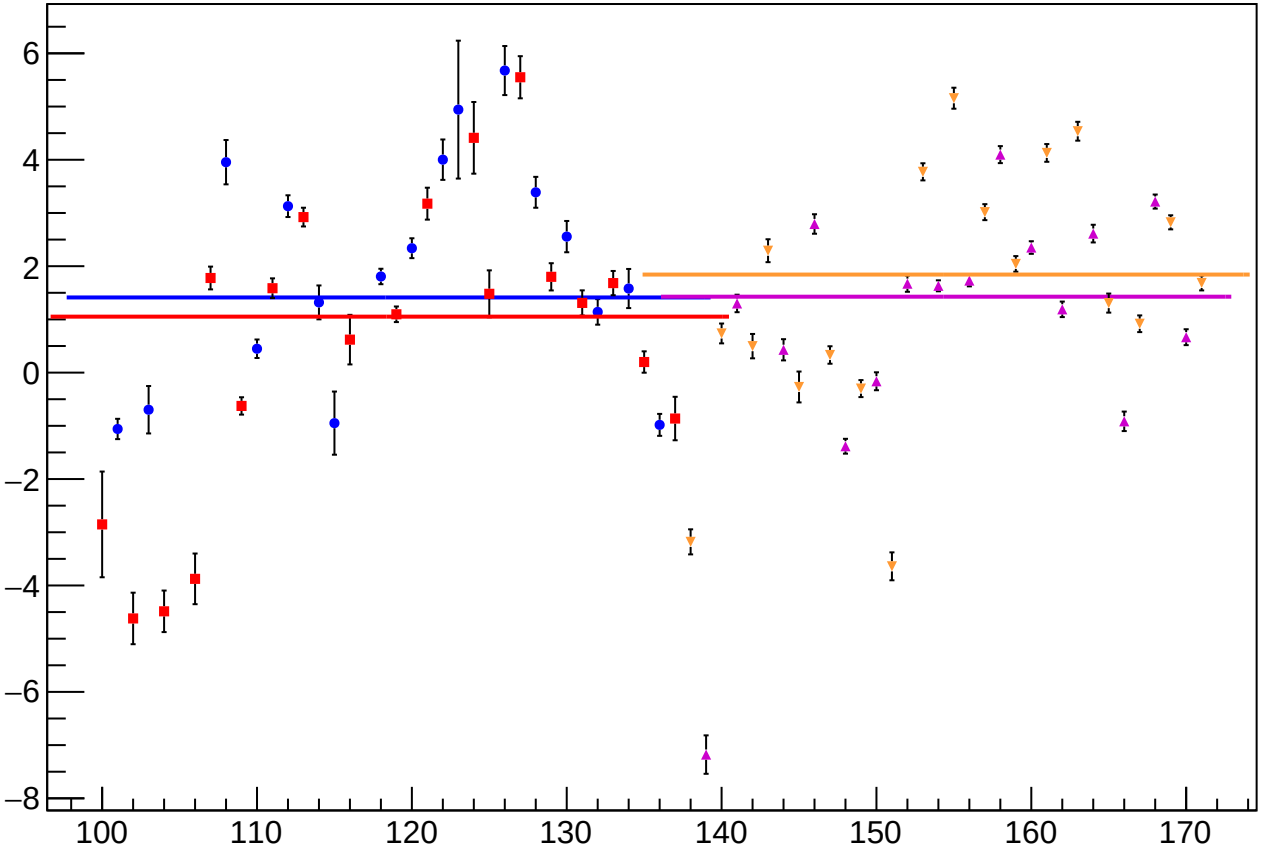
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.920+/-0.050 χ^2/NDF:37988.1/15

Out: -23.629+/-0.055 χ^2/NDF:59118.1/17

All: -21.043+/-0.037 χ^2/NDF: 101060.4/33

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: 1.843+/-0.041 χ^2/NDF:2291.6/17

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 1.427+/-0.037 χ^2/NDF:1924.9/15

Left: 1.613+/-0.027 χ^2/NDF: 4273.2/33

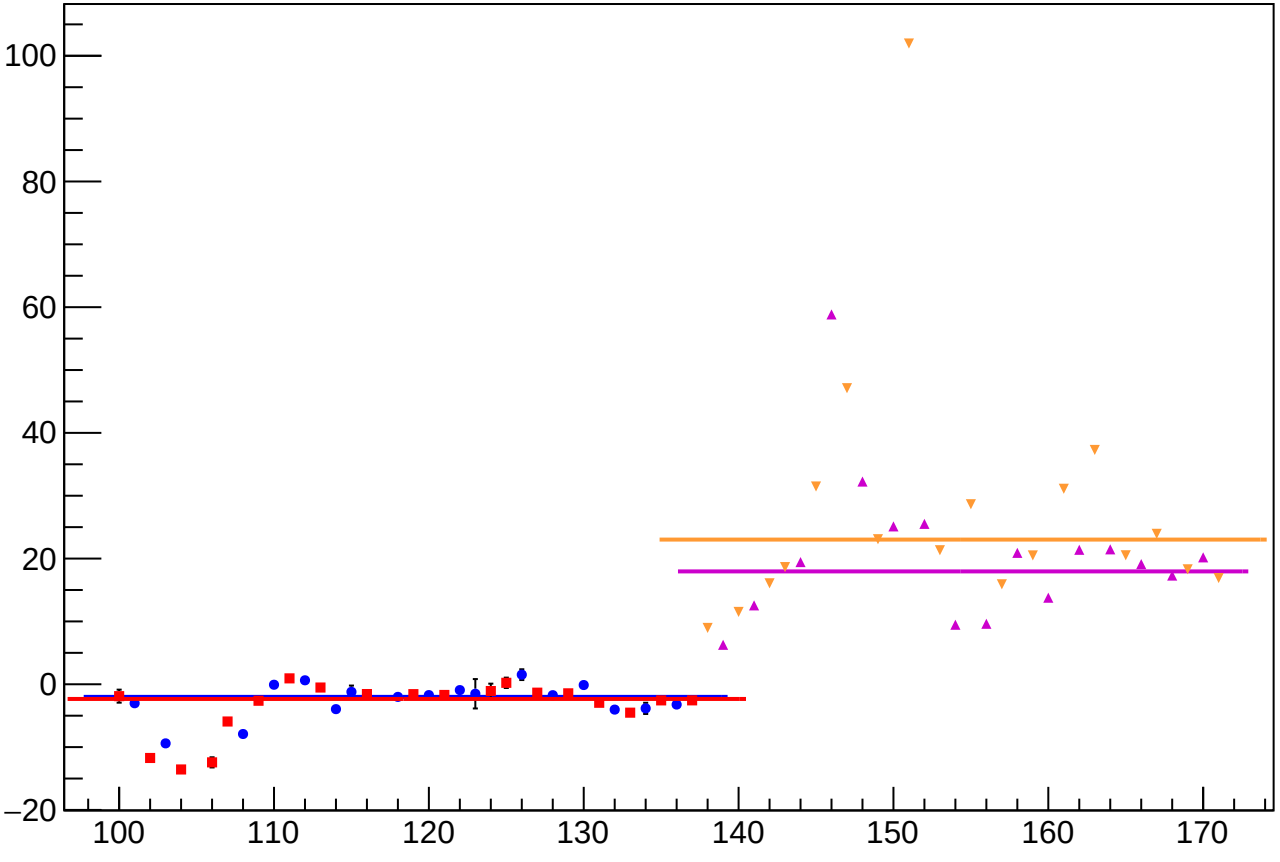
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.423+/-0.032 χ^2/NDF:2638.8/32

Out: 1.579+/-0.034 χ^2/NDF:3378.5/36

All: 1.496+/-0.023 χ^2/NDF: 6028.8/69

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: 23.021+/-0.055 χ^2/NDF:52949.4/17

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 17.958+/-0.049 χ^2/NDF:35891.6/15

Left: 20.202+/-0.036 χ^2/NDF: 93604.2/33

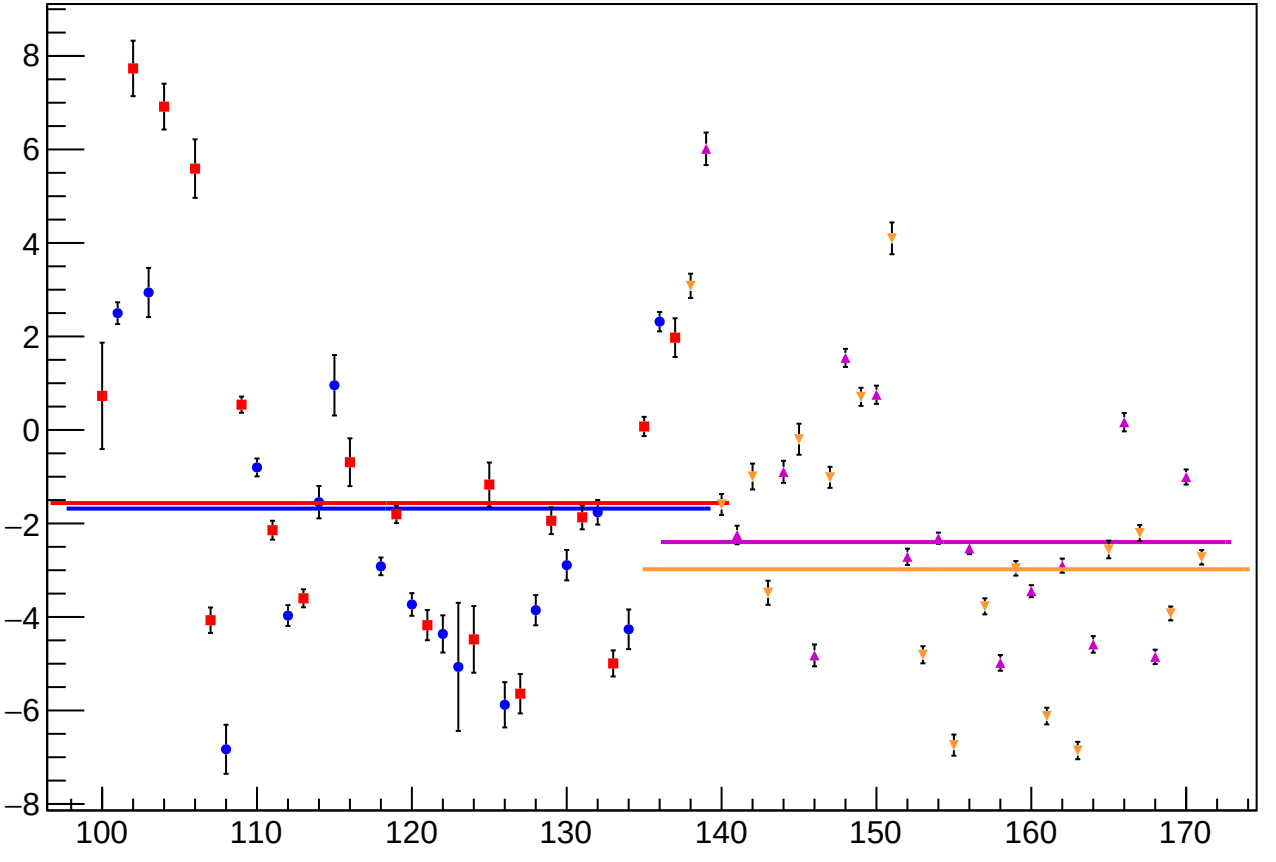
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 14.702+/-0.045 χ^2/NDF:63613.4/32

Out: 17.075+/-0.048 χ^2/NDF:104160.7/36

All: 15.806+/-0.033 χ^2/NDF: 169086.3/69

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: -2.979+/-0.047 χ^2/NDF:2797.9/17

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -2.398+/-0.042 χ^2/NDF:2380.9/15

Left: -2.658+/-0.031 χ^2/NDF: 5264.9/33

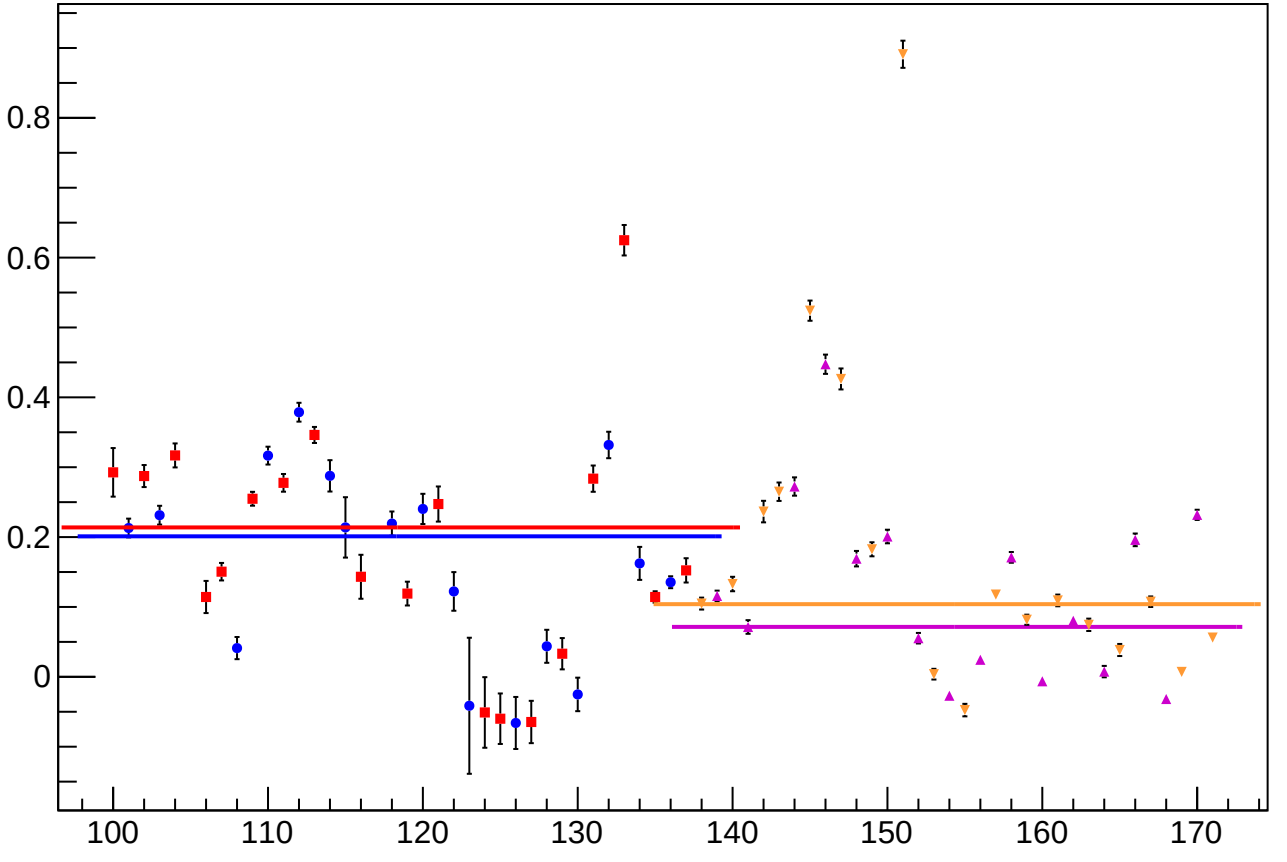
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -2.210+/-0.036 χ^2/NDF:3805.2/32

Out: -2.505+/-0.038 χ^2/NDF:4612.1/36

All: -2.350+/-0.026 χ^2/NDF: 8449.0/69

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.104+/-0.002 χ^2/NDF:4034.4/17

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.071+/-0.002 χ^2/NDF:3140.6/15

Left: 0.086+/-0.001 χ^2/NDF: 7313.0/33

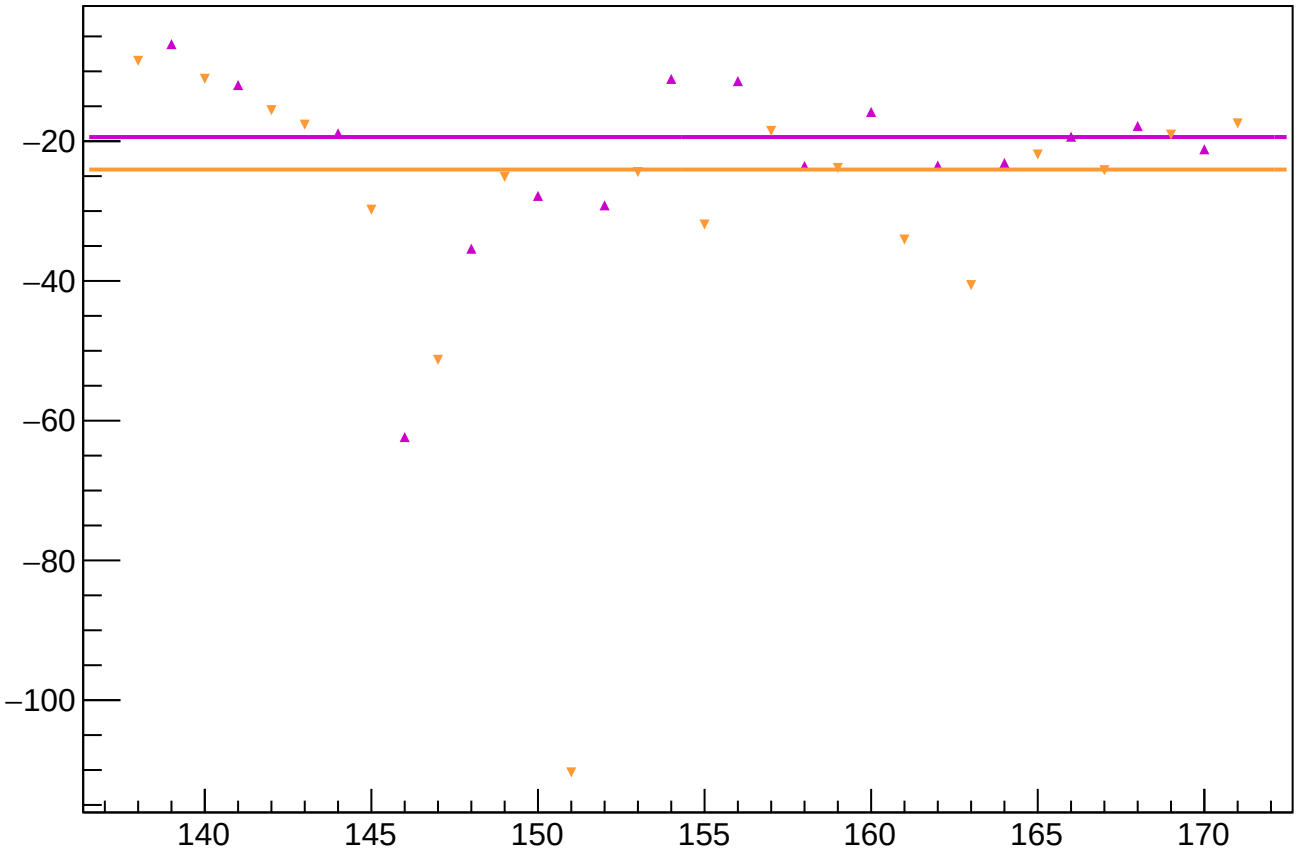
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.093+/-0.002 χ^2/NDF:4656.8/32

Out: 0.131+/-0.002 χ^2/NDF:5791.7/36

All: 0.110+/-0.001 χ^2/NDF: 10685.8/69

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: -24.056+/-0.057 χ^2/NDF:58983.2/17

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

Left In: -19.405+/-0.051 χ^2/NDF:36876.5/15

Left: -21.512+/-0.038 χ^2/NDF: 99556.7/33

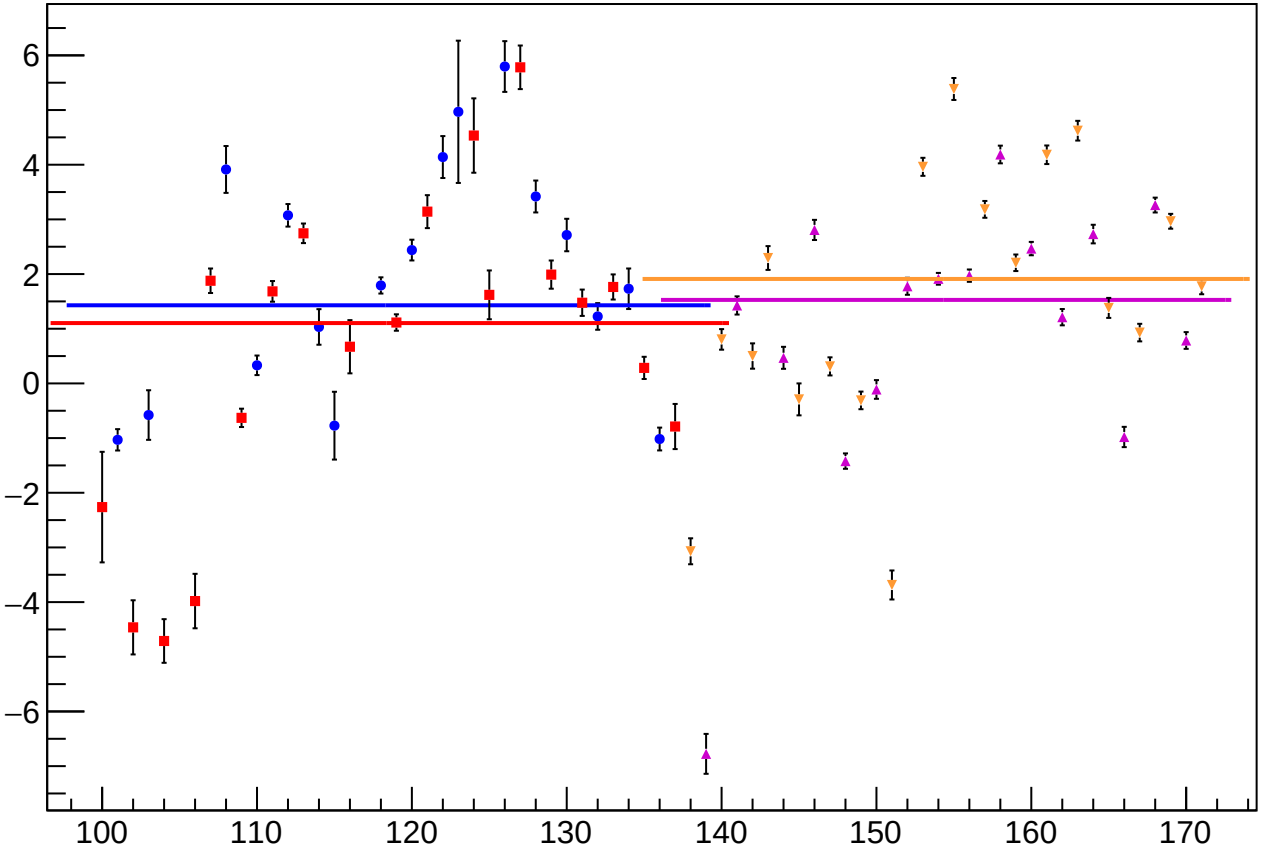
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.405+/-0.051 χ^2/NDF:36876.5/15

Out: -24.056+/-0.057 χ^2/NDF:58983.2/17

All: -21.512+/-0.038 χ^2/NDF: 99556.7/33

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: 1.911+/-0.042 χ^2/NDF:2337.4/17

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.527+/-0.038 χ^2/NDF:1908.4/15

Left: 1.700+/-0.028 χ^2/NDF: 4292.0/33

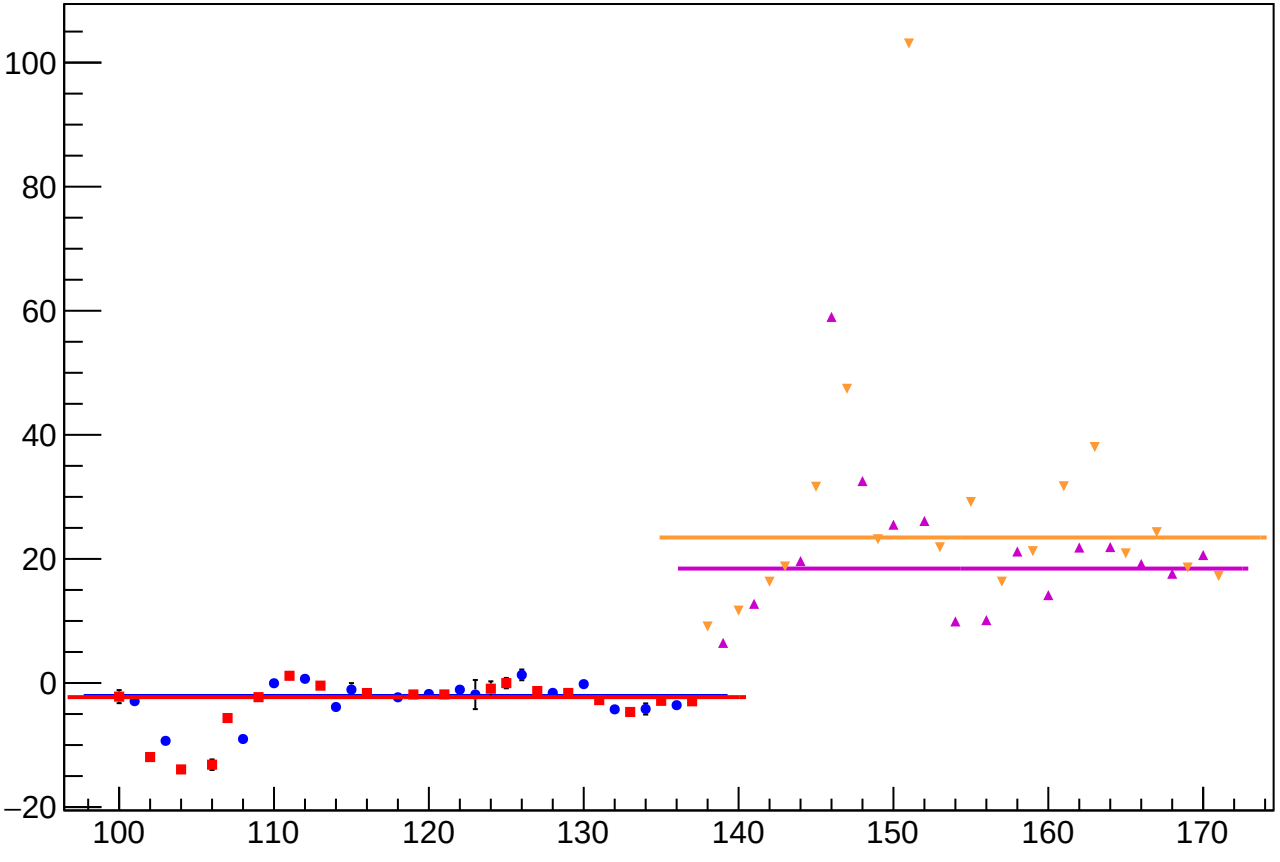
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.501+/-0.032 χ^2/NDF:2621.7/32

Out: 1.642+/-0.034 χ^2/NDF:3397.5/36

All: 1.568+/-0.023 χ^2/NDF: 6028.3/69

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 23.456+/-0.056 χ^2/NDF:52686.7/17

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 18.444+/-0.050 χ^2/NDF:34650.4/15

Left: 20.676+/-0.037 χ^2/NDF: 91805.5/33

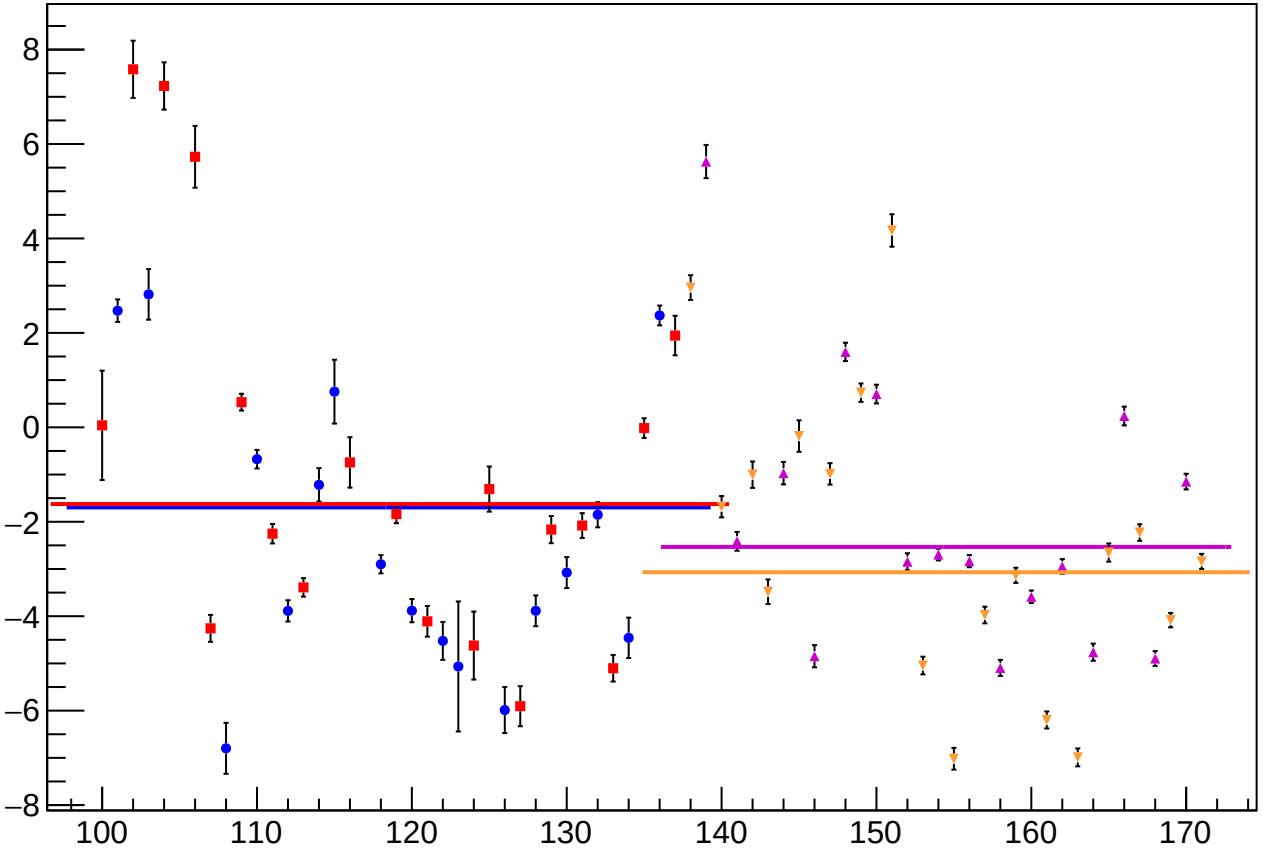
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 15.057+/-0.046 χ^2/NDF:62924.3/32

Out: 17.433+/-0.049 χ^2/NDF:103321.3/36

All: 16.166+/-0.033 χ^2/NDF: 167506.5/69

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: -3.069+/-0.048 χ^2/NDF:2841.1/17

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -2.533+/-0.043 χ^2/NDF:2340.2/15

Left: -2.774+/-0.032 χ^2/NDF: 5251.4/33

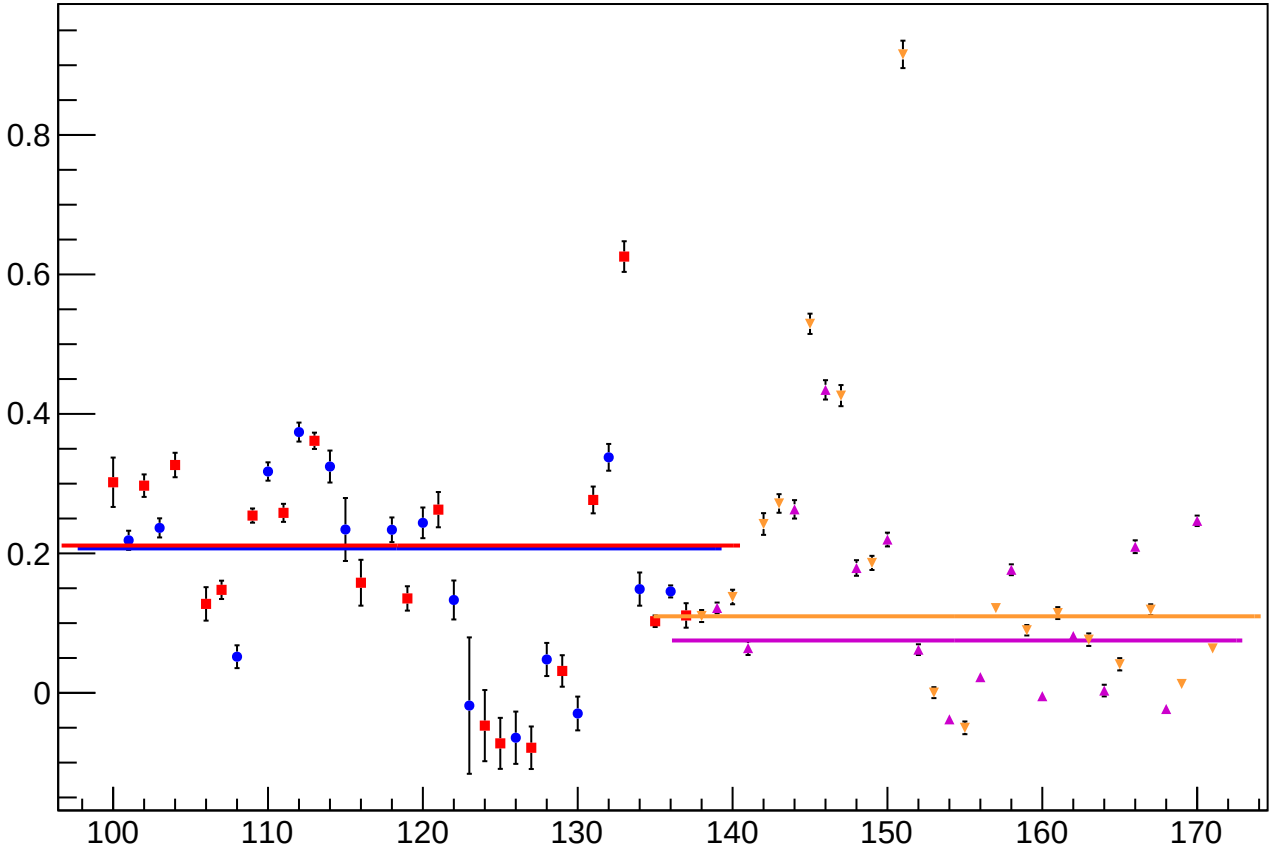
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -2.311+/-0.037 χ^2/NDF:3774.2/32

Out: -2.585+/-0.039 χ^2/NDF:4618.0/36

All: -2.441+/-0.027 χ^2/NDF: 8418.5/69

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: 0.110+/-0.002 χ^2/NDF:4059.8/17

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.075+/-0.002 χ^2/NDF:3221.8/15

Left: 0.090+/-0.001 χ^2/NDF: 7431.3/33

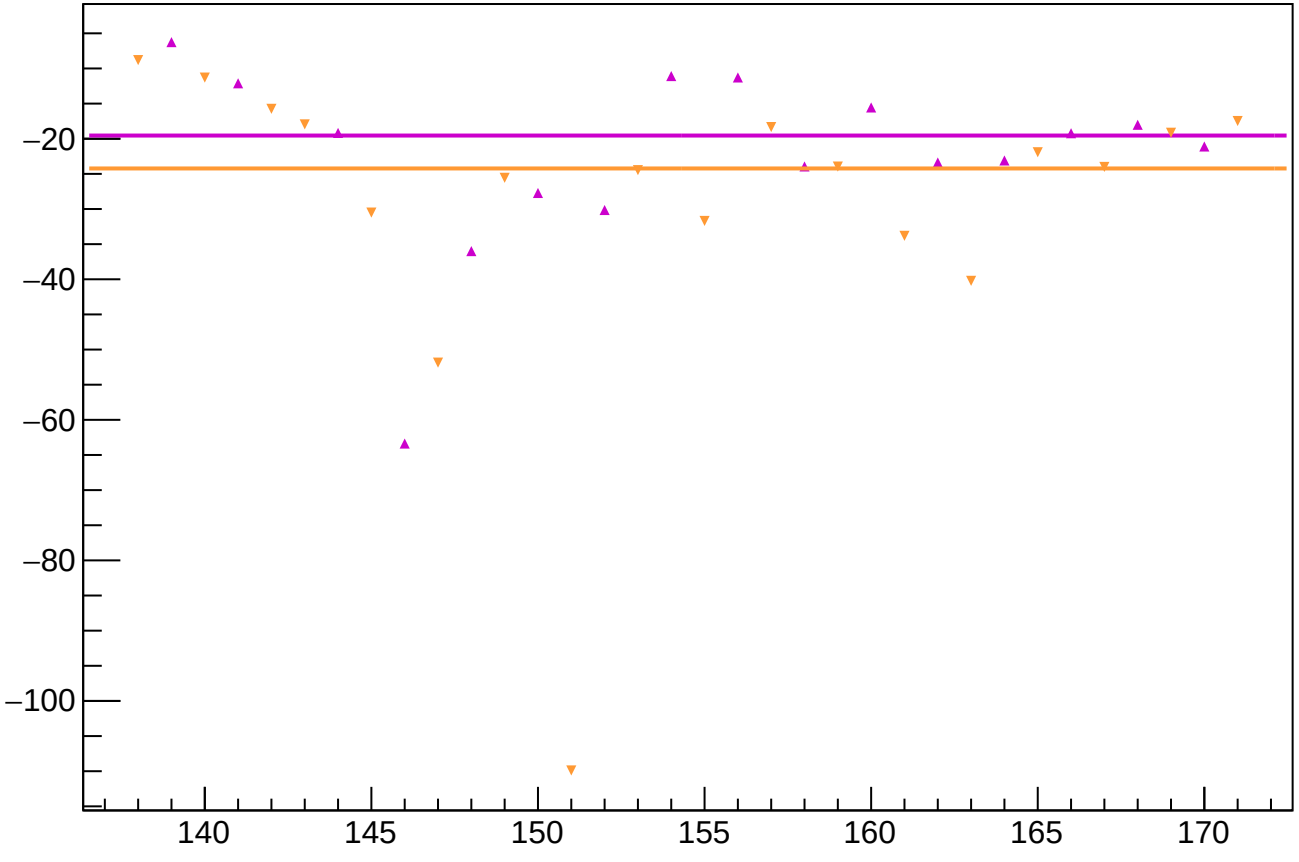
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.097+/-0.002 χ^2/NDF:4702.5/32

Out: 0.134+/-0.002 χ^2/NDF:5758.1/36

All: 0.114+/-0.001 χ^2/NDF: 10680.5/69

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: -24.229+/-0.057 χ^2/NDF:57801.9/17

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

Left In: -19.546+/-0.052 χ^2/NDF:37108.6/15

Left: -21.675+/-0.039 χ^2/NDF: 98575.2/33

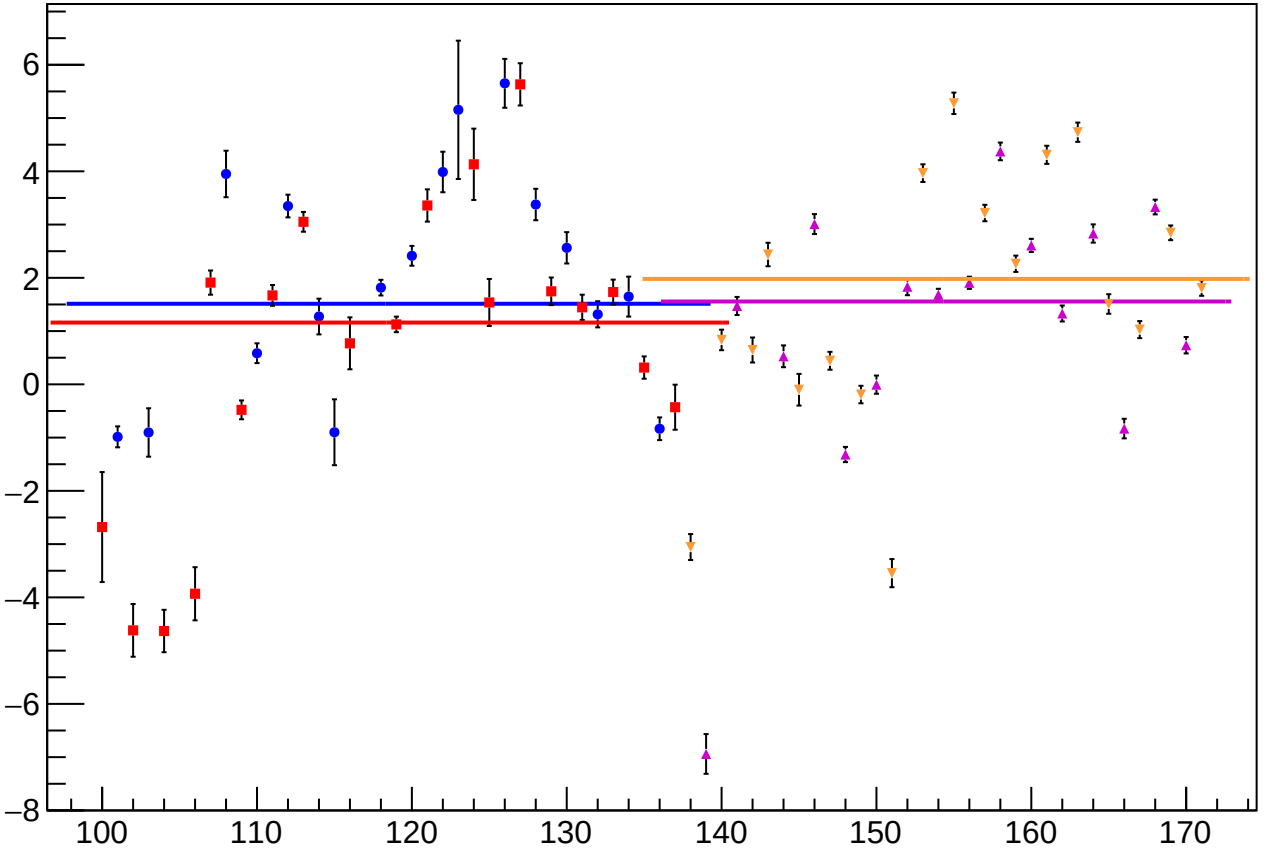
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.546+/-0.052 χ^2/NDF:37108.6/15

Out: -24.229+/-0.057 χ^2/NDF:57801.9/17

All: -21.675+/-0.039 χ^2/NDF: 98575.2/33

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: 1.980+/-0.042 χ^2/NDF:2226.5/17

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.556+/-0.038 χ^2/NDF:1885.4/15

Left: 1.747+/-0.028 χ^2/NDF: 4167.1/33

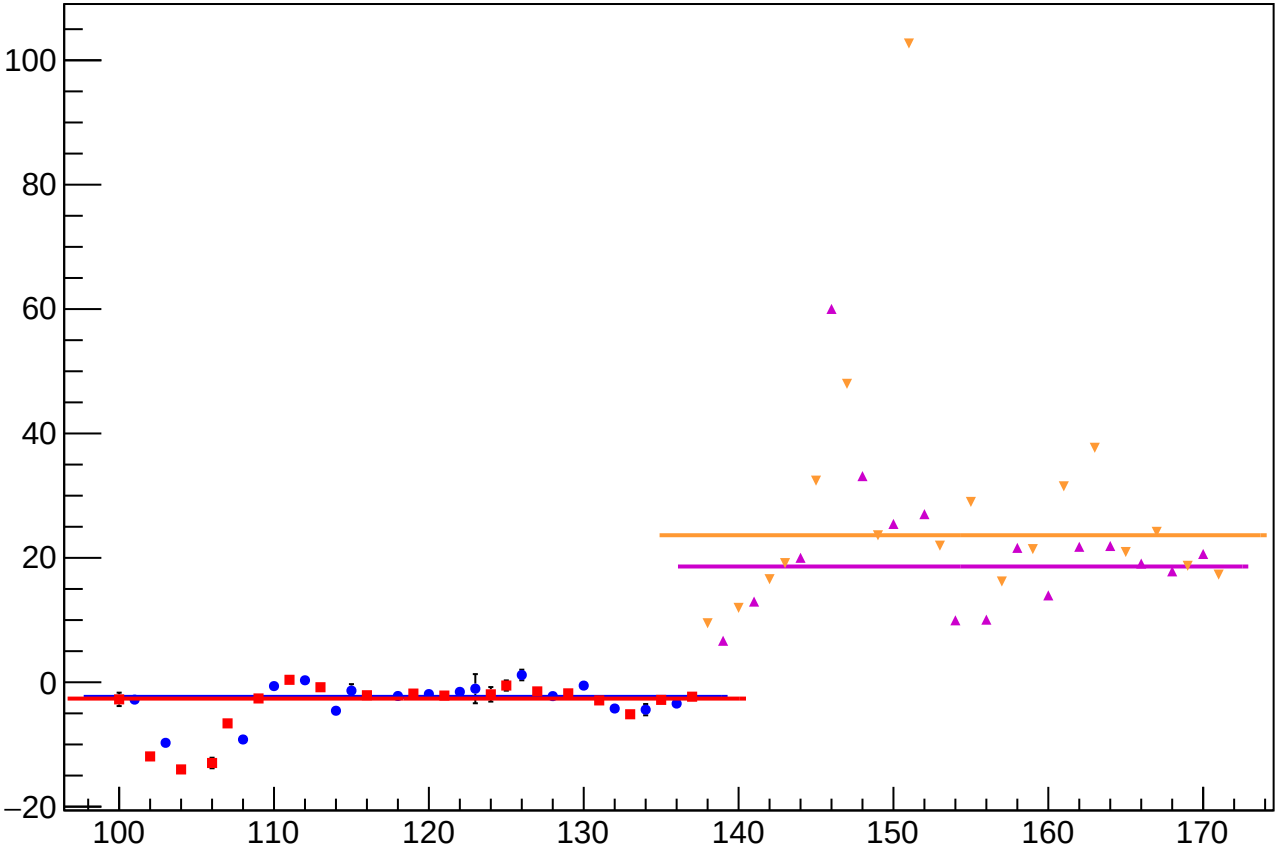
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.544+/-0.033 χ^2/NDF:2555.4/32

Out: 1.708+/-0.035 χ^2/NDF:3268.0/36

All: 1.622+/-0.024 χ^2/NDF: 5835.4/69

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 23.639+/-0.056 χ^2/NDF:51745.8/17

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 18.612+/-0.051 χ^2/NDF:34912.9/15

Left: 20.861+/-0.038 χ^2/NDF: 91056.4/33

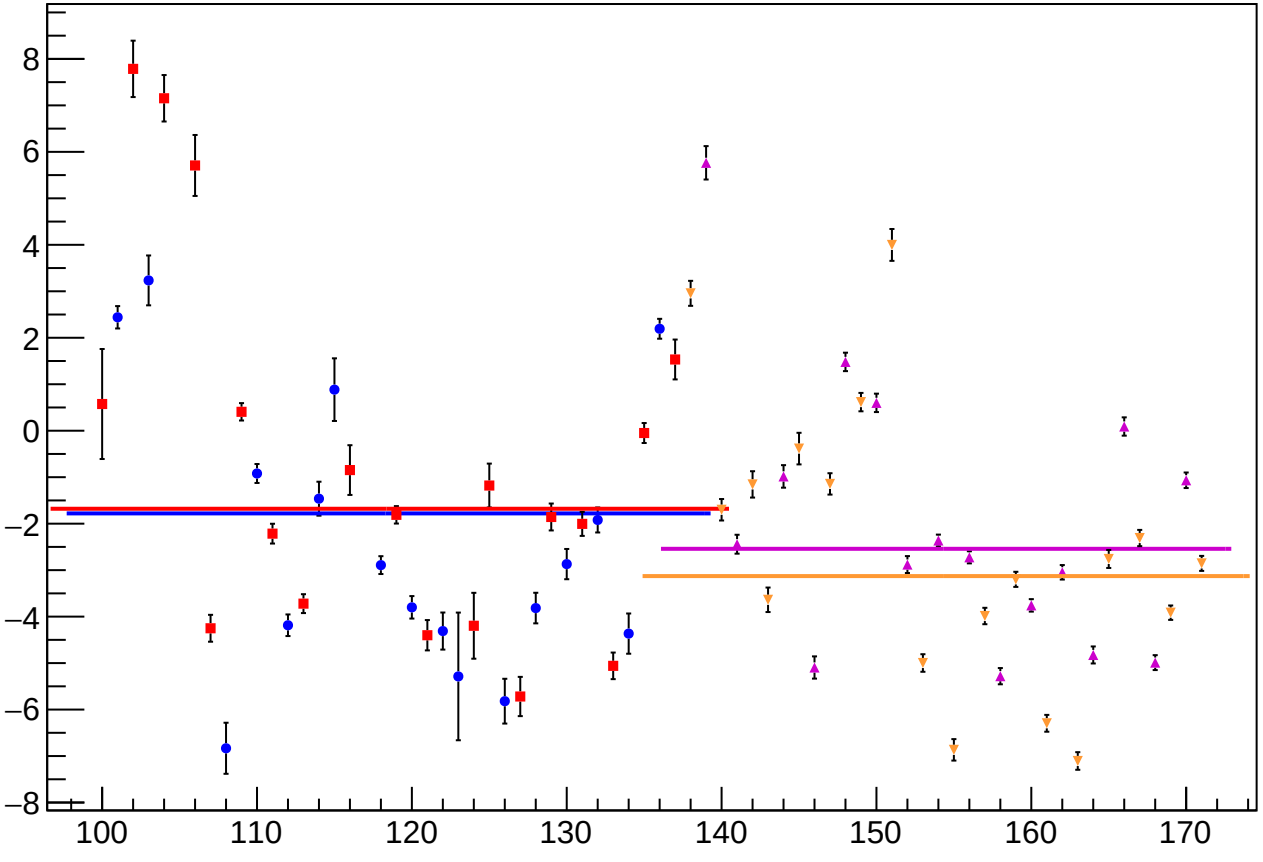
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 15.165+/-0.046 χ^2/NDF:63455.9/32

Out: 17.610+/-0.049 χ^2/NDF:102451.4/36

All: 16.308+/-0.034 χ^2/NDF: 167208.0/69

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: -3.128+/-0.048 χ^2/NDF:2716.0/17

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -2.541+/-0.044 χ^2/NDF:2342.6/15

Left: -2.806+/-0.032 χ^2/NDF: 5140.8/33

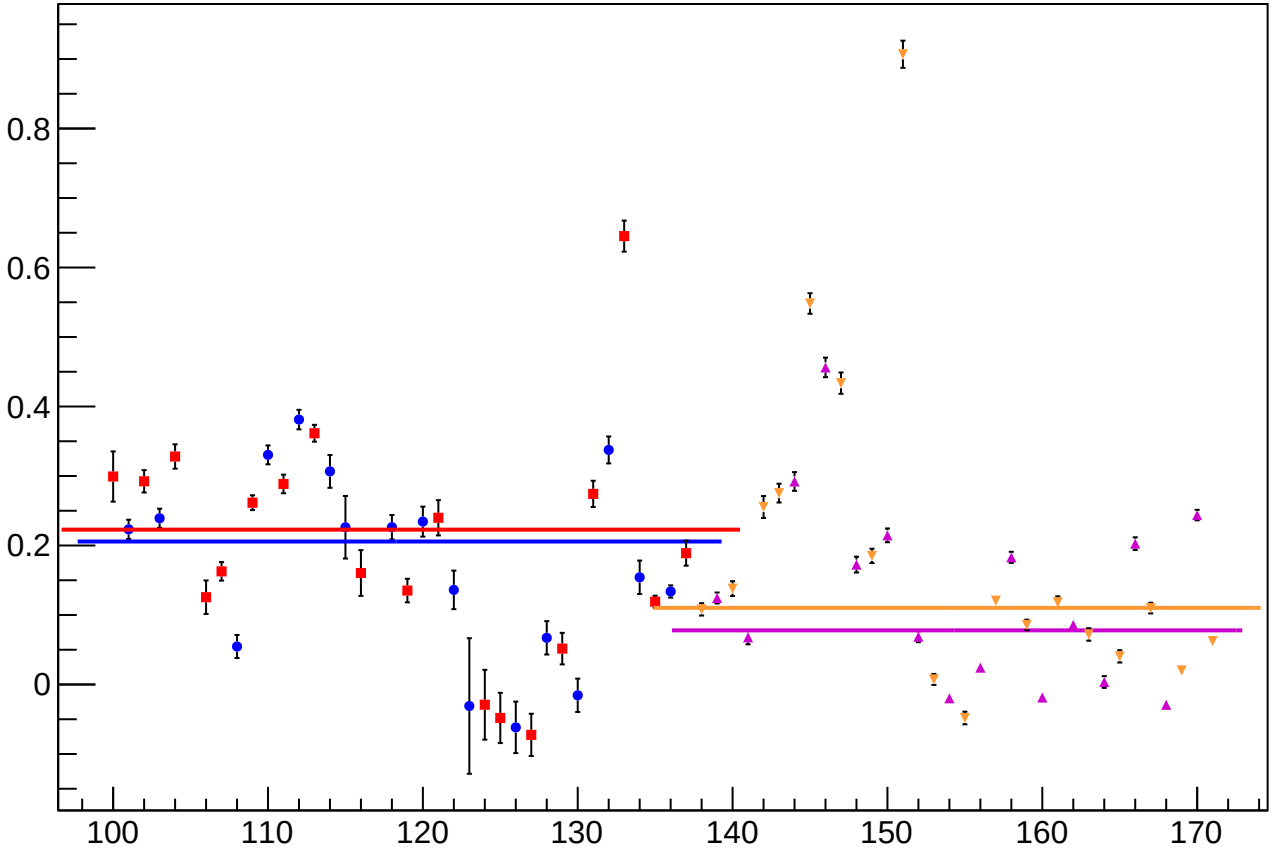
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -2.338+/-0.037 χ^2/NDF:3696.2/32

Out: -2.647+/-0.039 χ^2/NDF:4448.9/36

All: -2.485+/-0.027 χ^2/NDF: 8177.7/69

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: 0.110+/-0.002 χ^2/NDF:4044.7/17

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.078+/-0.002 χ^2/NDF:3191.4/15

Left: 0.092+/-0.001 χ^2/NDF: 7363.9/33

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.099+/-0.002 χ^2/NDF:4595.6/32

Out: 0.137+/-0.002 χ^2/NDF:5742.9/36

All: 0.117+/-0.001 χ^2/NDF: 10559.8/69