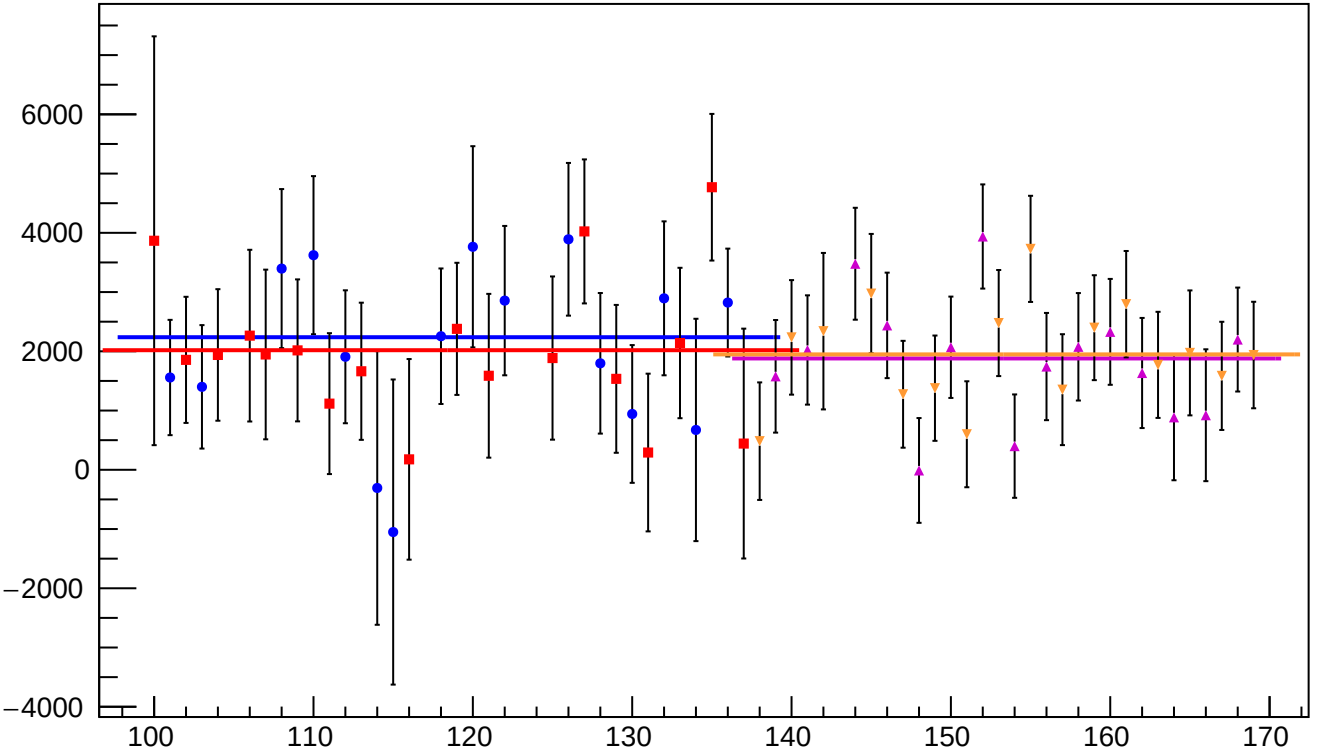
dit_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1947.994+/-234.888 χ^2/NDF:12.7/15

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

Left In: 1879.367+/-237.322 χ^2/NDF:18.5/14

Left: 1914.034+/-166.945 χ^2/NDF: 31.2/30

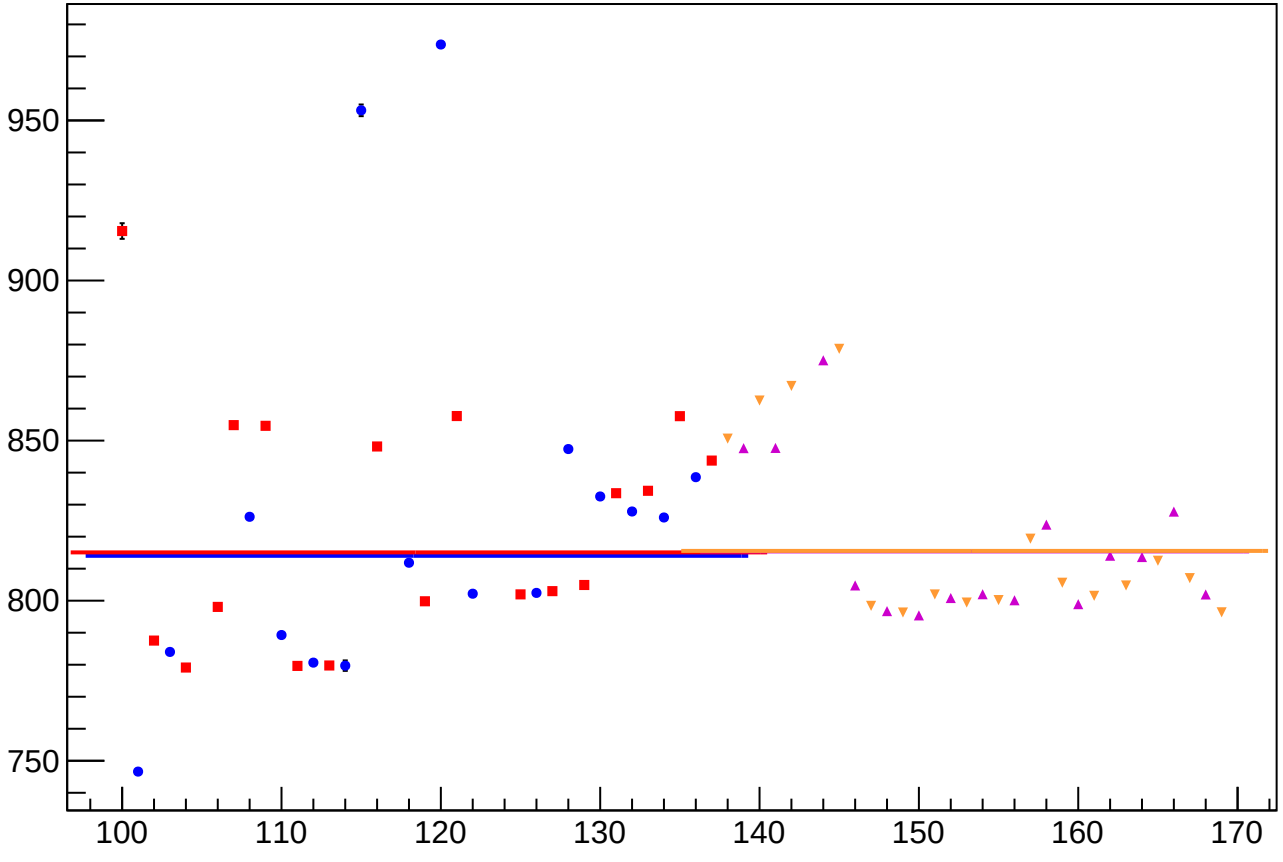
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2009.387+/-189.470 χ^2/NDF:30.6/30

Out: 1973.928+/-186.853 χ^2/NDF:25.3/33

All: 1991.411+/-133.041 χ^2/NDF: 56.0/64

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 815.549+/-0.166 χ^2/NDF:23642.6/15

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

Left In: 815.394+/-0.168 χ^2/NDF:18178.3/14

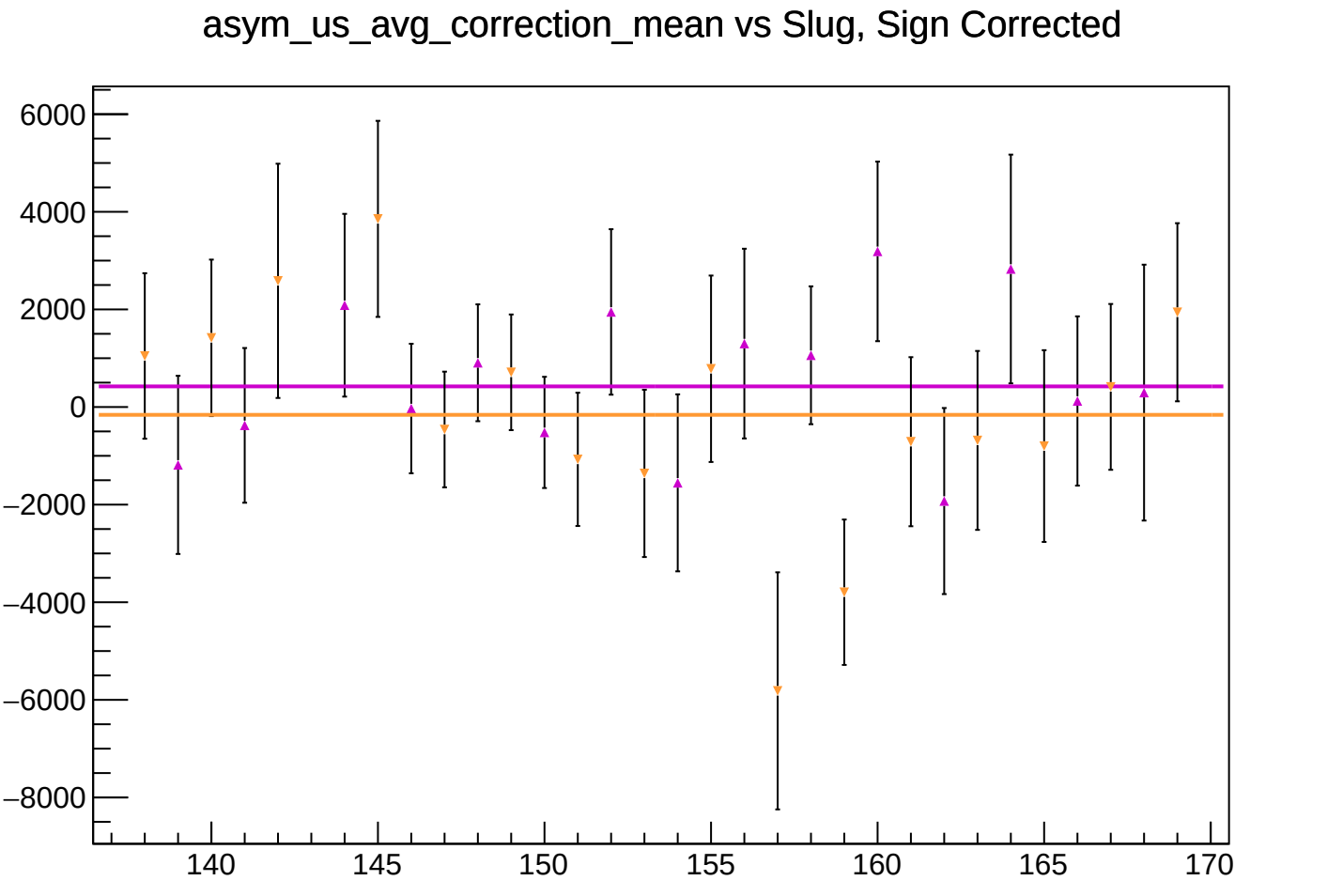
Left: 815.472+/-0.118 χ^2/NDF: 41821.4/30

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

In: 814.896+/-0.134 χ^2/NDF:60244.2/30

Out: 815.379+/-0.132 χ^2/NDF:43604.8/33

All: 815.141+/-0.094 χ^2/NDF: 103855.6/64



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

Left Out: -160.234+/-412.010 χ^2/NDF:21.7/15

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

Left In: 422.636+/-420.014 χ^2/NDF:10.1/14

Left: 125.594+/-294.124 χ^2/NDF: 32.7/30

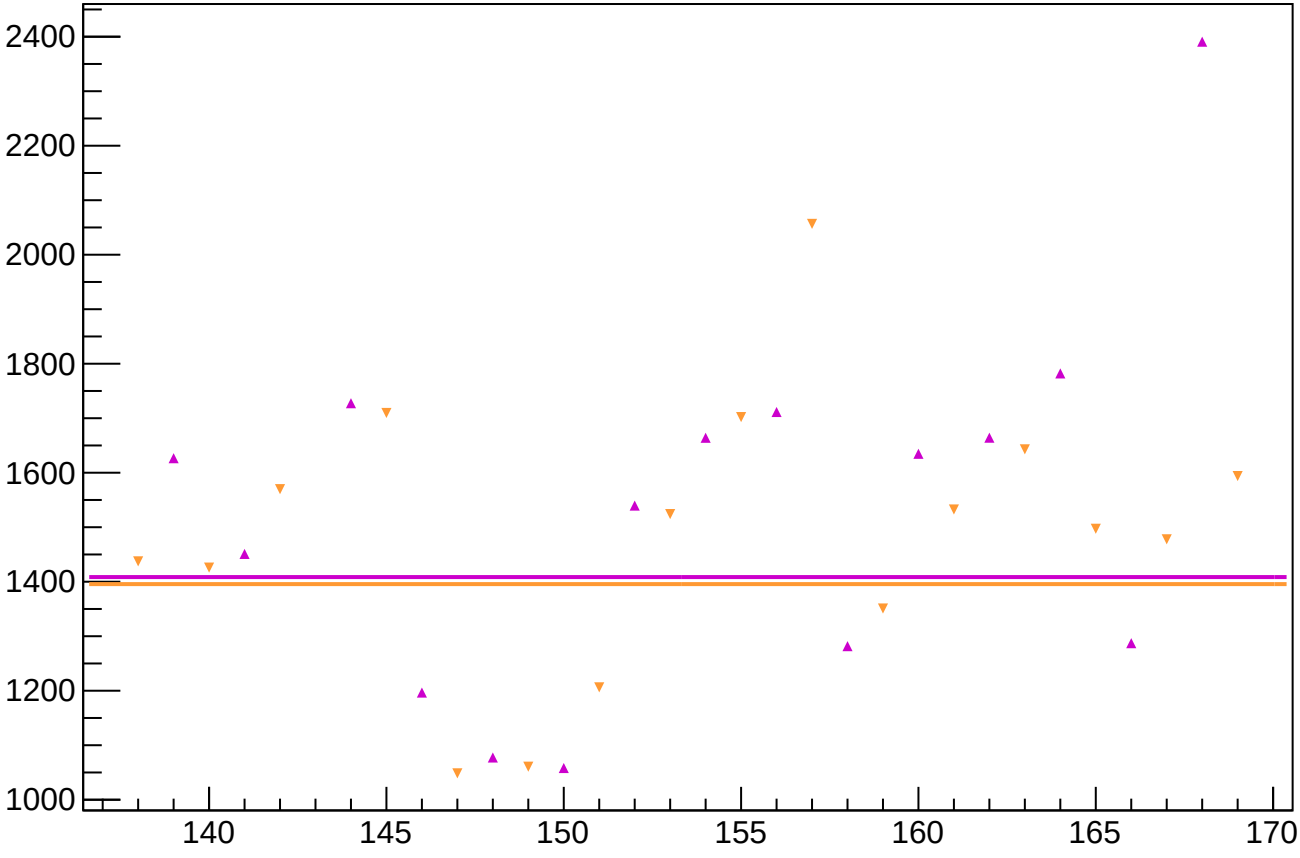
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 422.636+/-420.014 χ^2/NDF:10.1/14

Out: -160.234+/-412.010 χ^2/NDF:21.7/15

All: 125.594+/-294.124 χ^2/NDF: 32.7/30

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1395.620+/-0.291 χ^2/NDF:726589.3/15

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

Left In: 1408.535+/-0.297 χ^2/NDF:1005200.6/14

Left: 1401.953+/-0.208 χ^2/NDF: 1732753.5/30

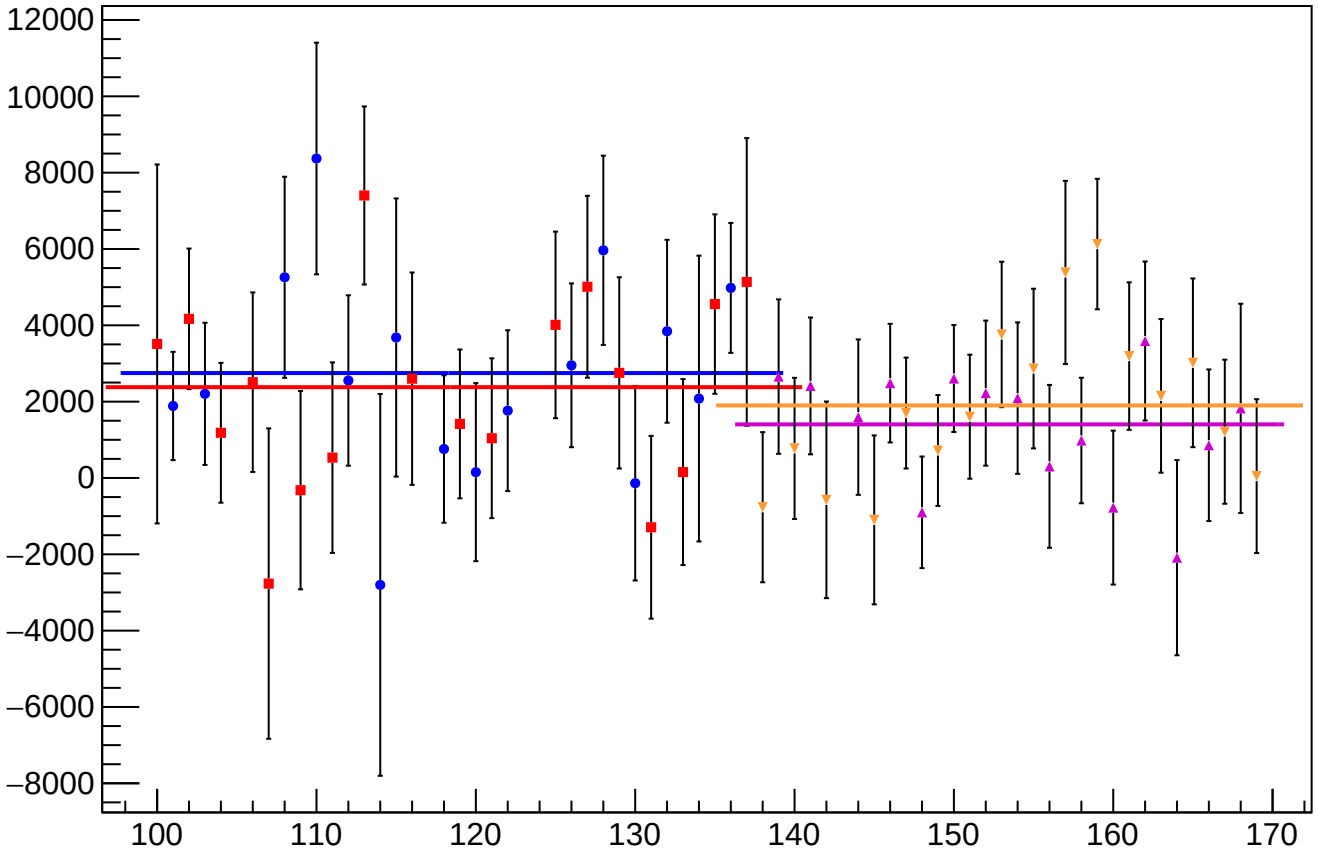
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1408.535+/-0.297 χ^2/NDF:1005200.6/14

Out: 1395.620+/-0.291 χ^2/NDF:726589.3/15

All: 1401.953+/-0.208 χ^2/NDF: 1732753.5/30

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1901.189+/-471.484 χ^2/NDF:16.8/15

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

Left In: 1404.464+/-480.863 χ^2/NDF:9.3/14

Left: 1657.717+/-336.657 χ^2/NDF: 26.6/30

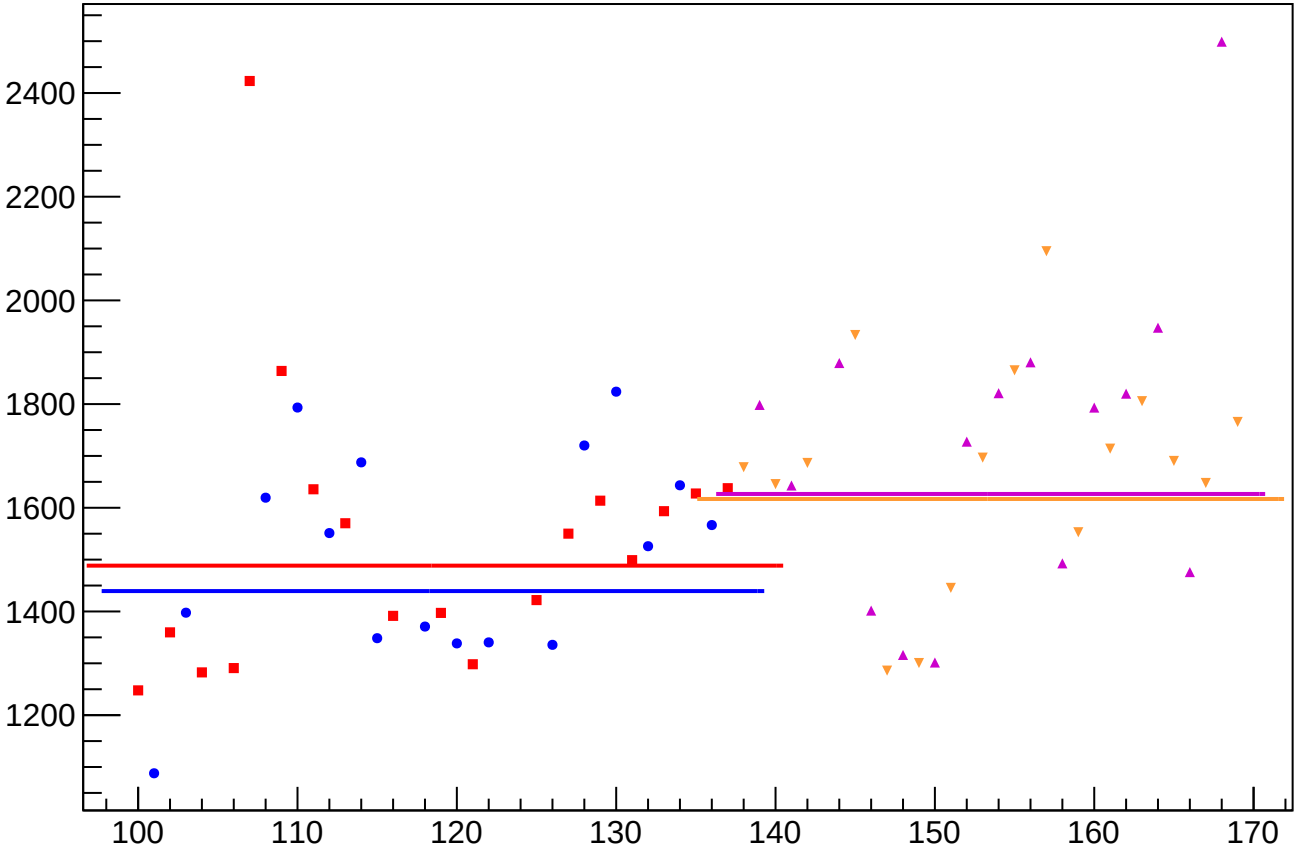
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 1971.559+/-365.630 χ^2/NDF:26.1/30

Out: 2095.900+/-363.036 χ^2/NDF:33.4/33

All: 2034.172+/-257.618 χ^2/NDF: 59.6/64

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1616.960+/-0.333 χ^2/NDF:415769.8/15

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

Left In: 1626.642+/-0.340 χ^2/NDF:628295.9/14

Left: 1621.706+/-0.238 χ^2/NDF: 1044479.0/30

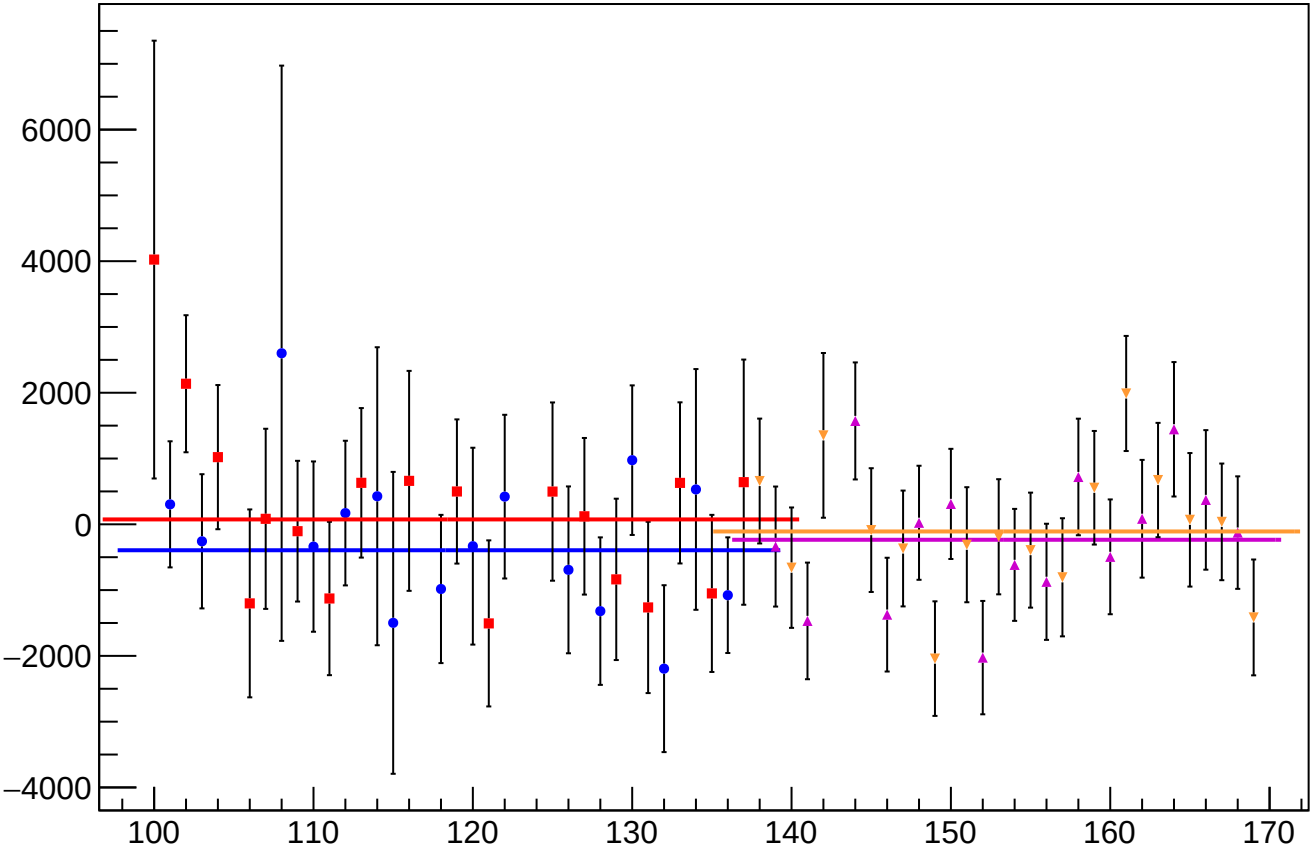
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1547.626+/-0.259 χ^2/NDF:1034172.2/30

Out: 1564.614+/-0.257 χ^2/NDF:732648.6/33

All: 1556.180+/-0.182 χ^2/NDF: 1768995.1/64

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -108.680+/-227.341 χ^2/NDF:17.6/15

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

Left In: -235.090+/-230.068 χ^2/NDF:17.8/14

Left: -171.131+/-161.710 χ^2/NDF: 35.5/30

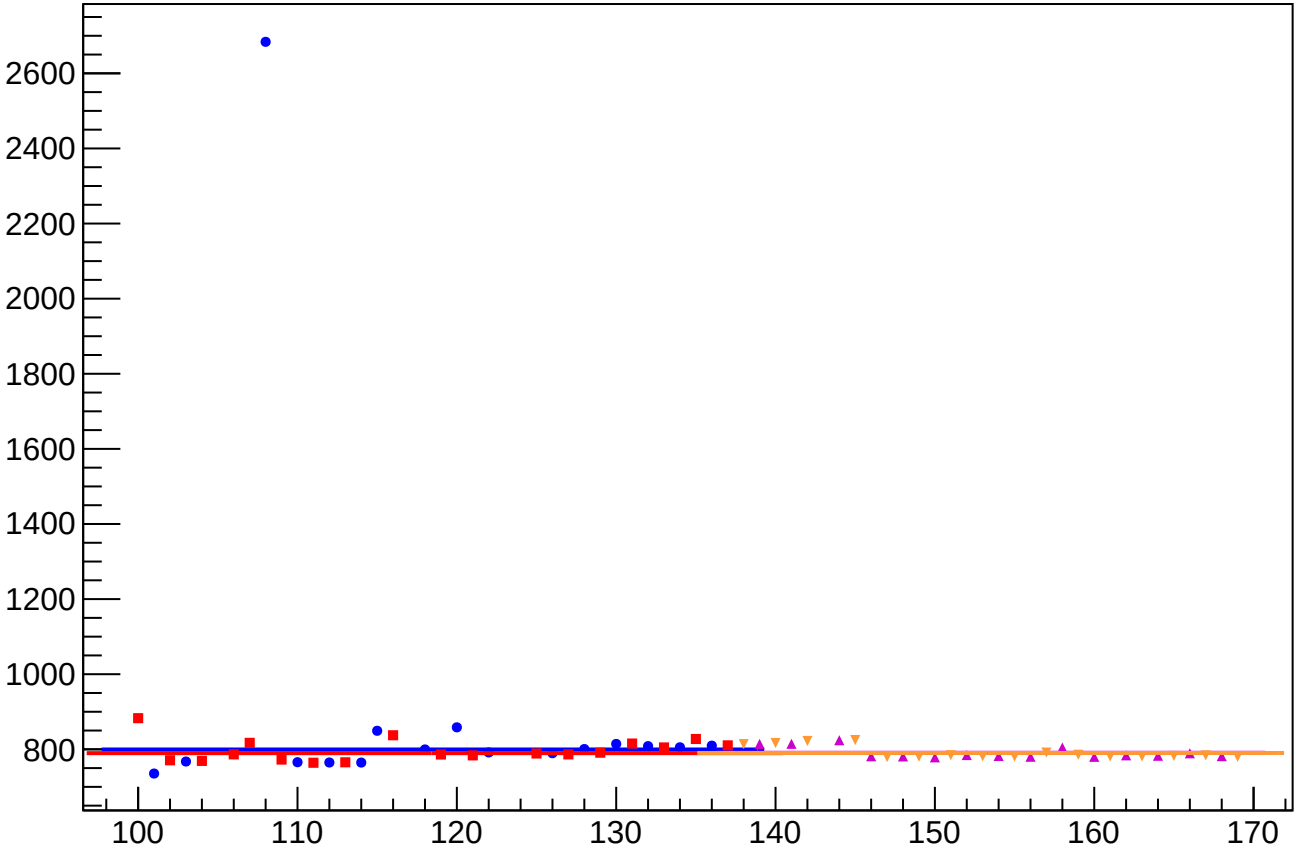
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -290.918+/-185.413 χ^2/NDF:25.4/30

Out: -41.481+/-180.837 χ^2/NDF:30.7/33

All: -163.084+/-129.459 χ^2/NDF: 57.0/64

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 790.281+/-0.161 χ^2/NDF:8987.0/15

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

Left In: 790.763+/-0.163 χ^2/NDF:8364.6/14

Left: 790.519+/-0.114 χ^2/NDF: 17356.1/30

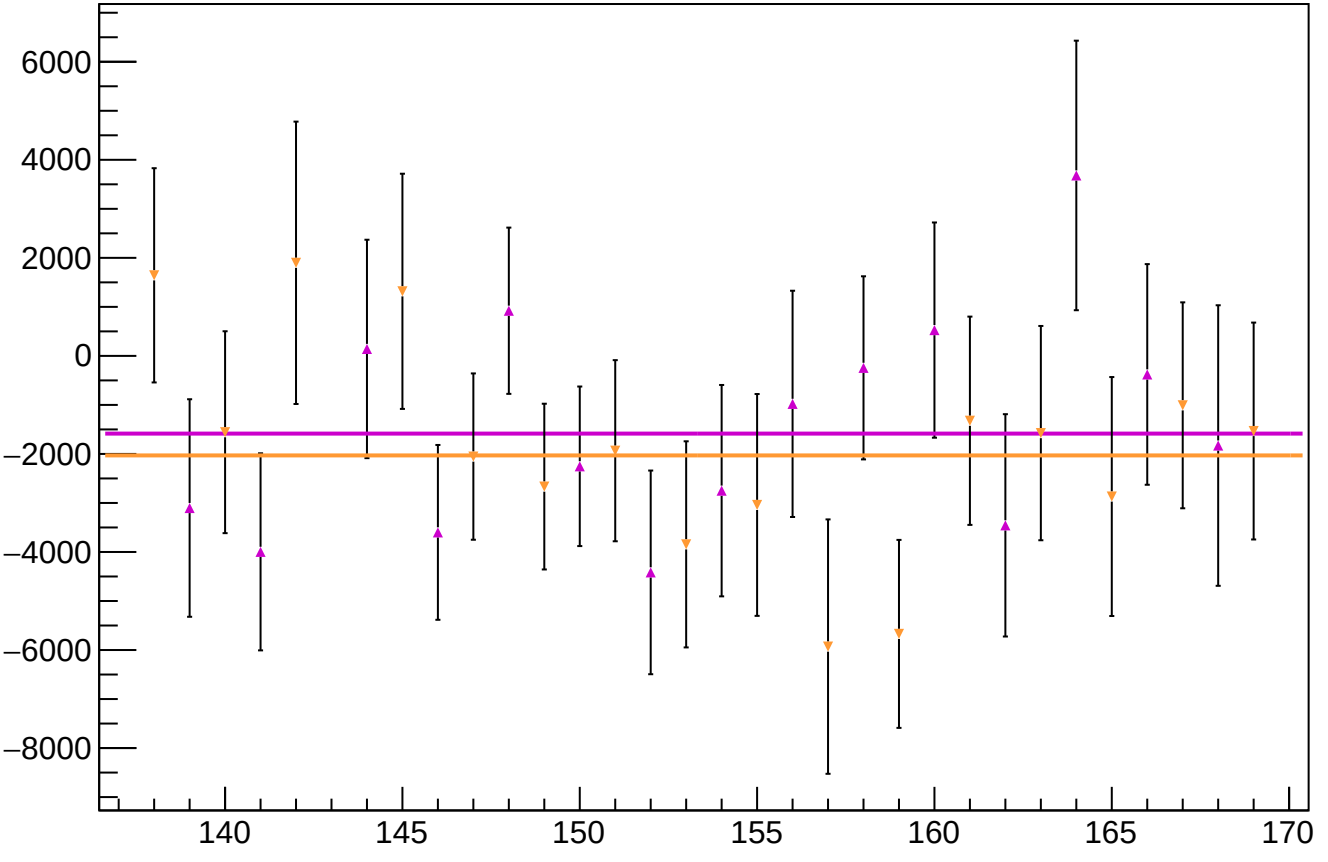
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 793.839+/-0.131 χ^2/NDF:400570.1/30

Out: 790.102+/-0.128 χ^2/NDF:20165.4/33

All: 791.924+/-0.092 χ^2/NDF: 421151.7/64

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2030.135+/-526.873 χ^2/NDF:14.2/15

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

Left In: -1585.150+/-537.049 χ^2/NDF:14.4/14

Left: -1811.898+/-376.102 χ^2/NDF: 29.0/30

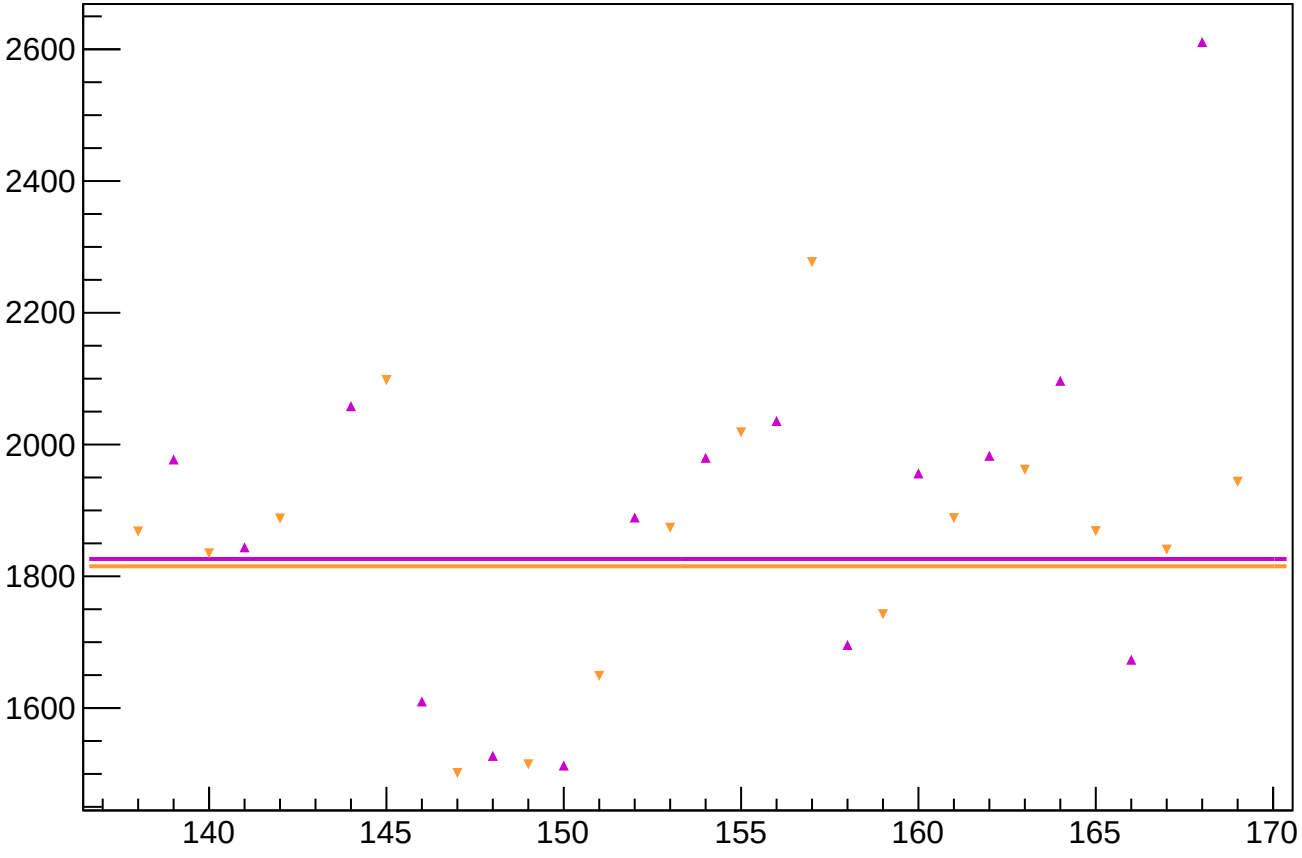
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1585.150+/-537.049 χ^2/NDF:14.4/14

Out: -2030.135+/-526.873 χ^2/NDF:14.2/15

All: -1811.898+/-376.102 χ^2/NDF: 29.0/30

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1815.210+/-0.373 χ^2/NDF:281558.6/15

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

Left In: 1826.289+/-0.380 χ^2/NDF:430699.3/14

Left: 1820.644+/-0.266 χ^2/NDF: 712691.5/30

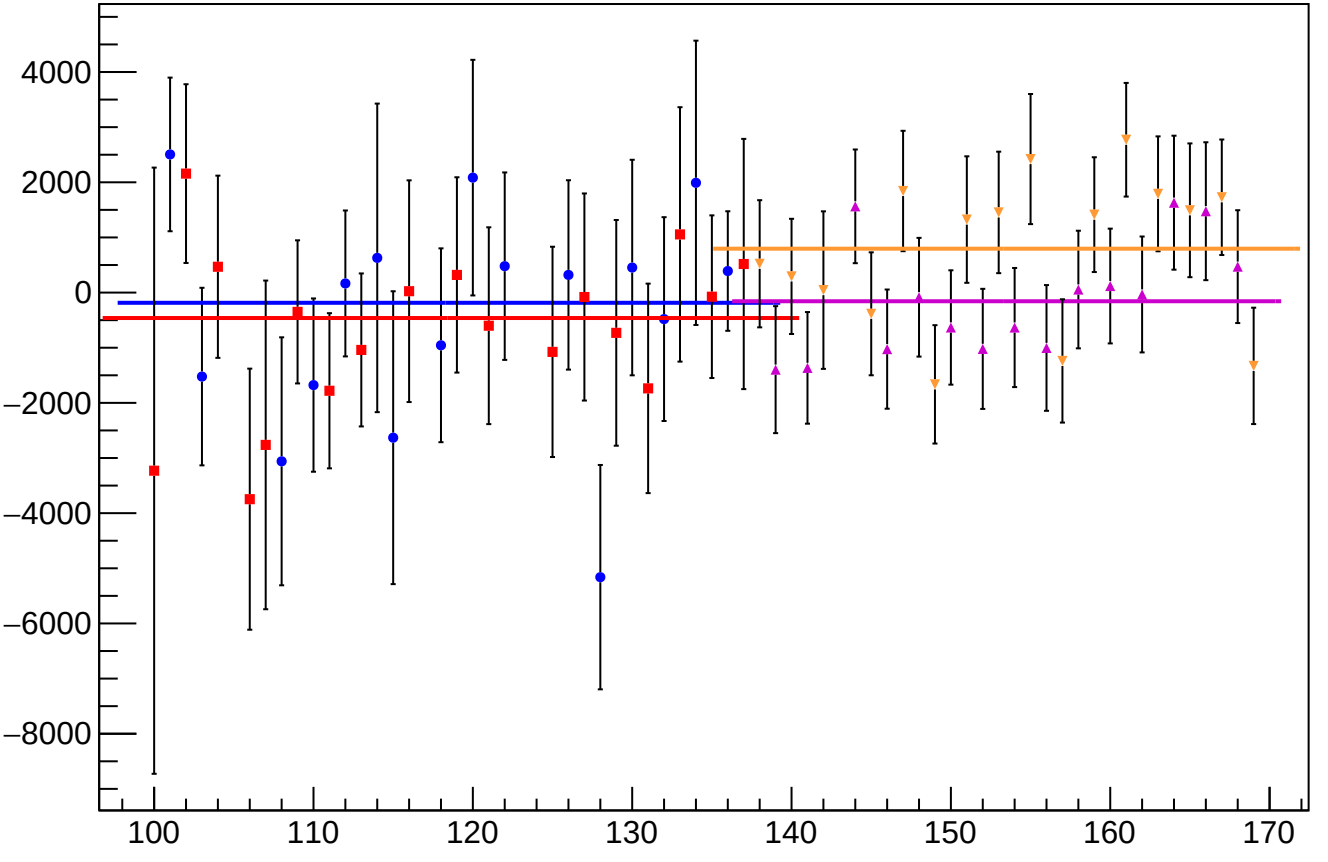
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1826.289+/-0.380 χ^2/NDF:430699.3/14

Out: 1815.210+/-0.373 χ^2/NDF:281558.6/15

All: 1820.644+/-0.266 χ^2/NDF: 712691.5/30

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 796.117+/-276.835 χ^2/NDF:23.8/15

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

Left In: -156.992+/-279.831 χ^2/NDF:12.0/14

Left: 324.692+/-196.802 χ^2/NDF: 41.6/30

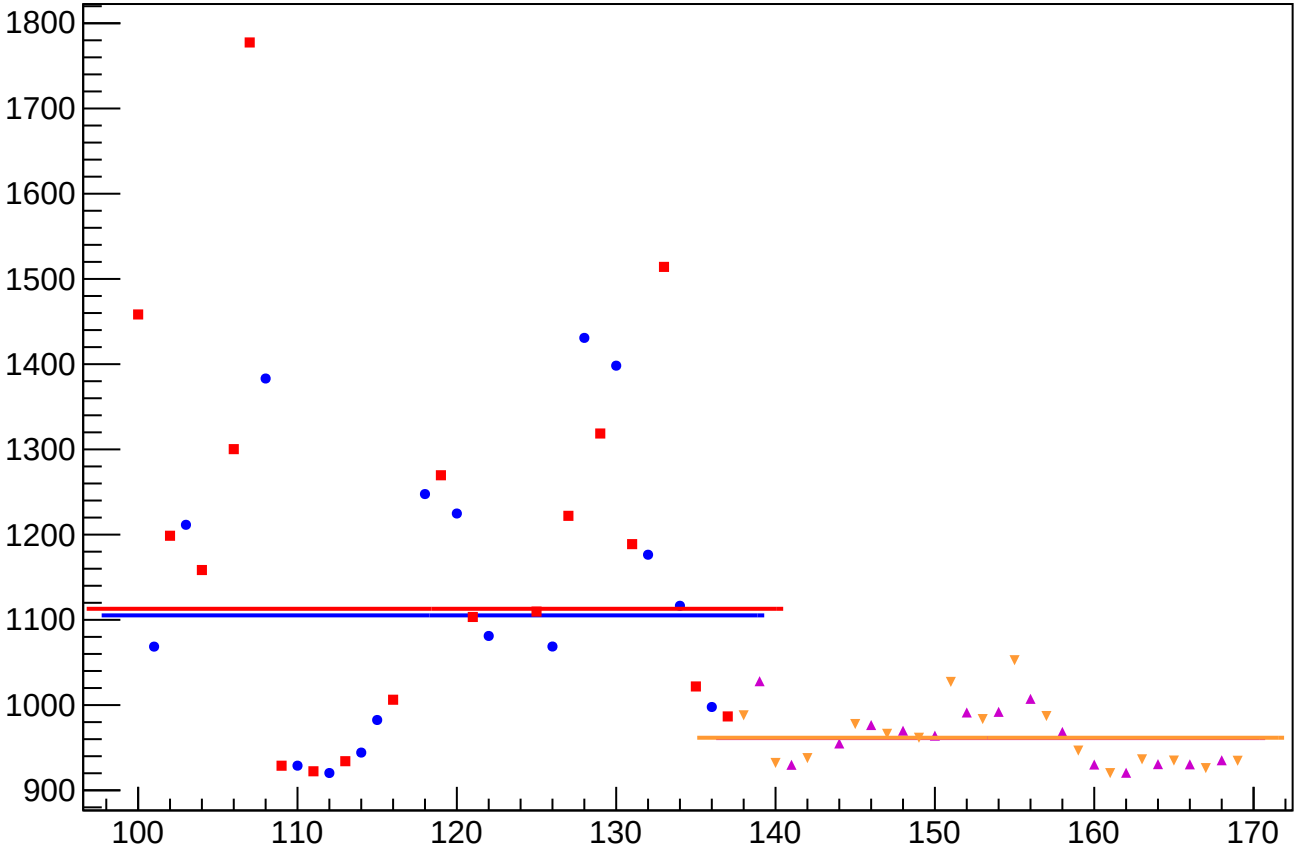
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -165.300+/-234.781 χ^2/NDF:28.6/30

Out: 423.919+/-232.275 χ^2/NDF:38.2/33

All: 132.471+/-165.122 χ^2/NDF: 70.0/64

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 961.672+/-0.196 χ^2/NDF:33346.7/15

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

Left In: 961.267+/-0.198 χ^2/NDF:24302.5/14

Left: 961.472+/-0.139 χ^2/NDF: 57651.4/30

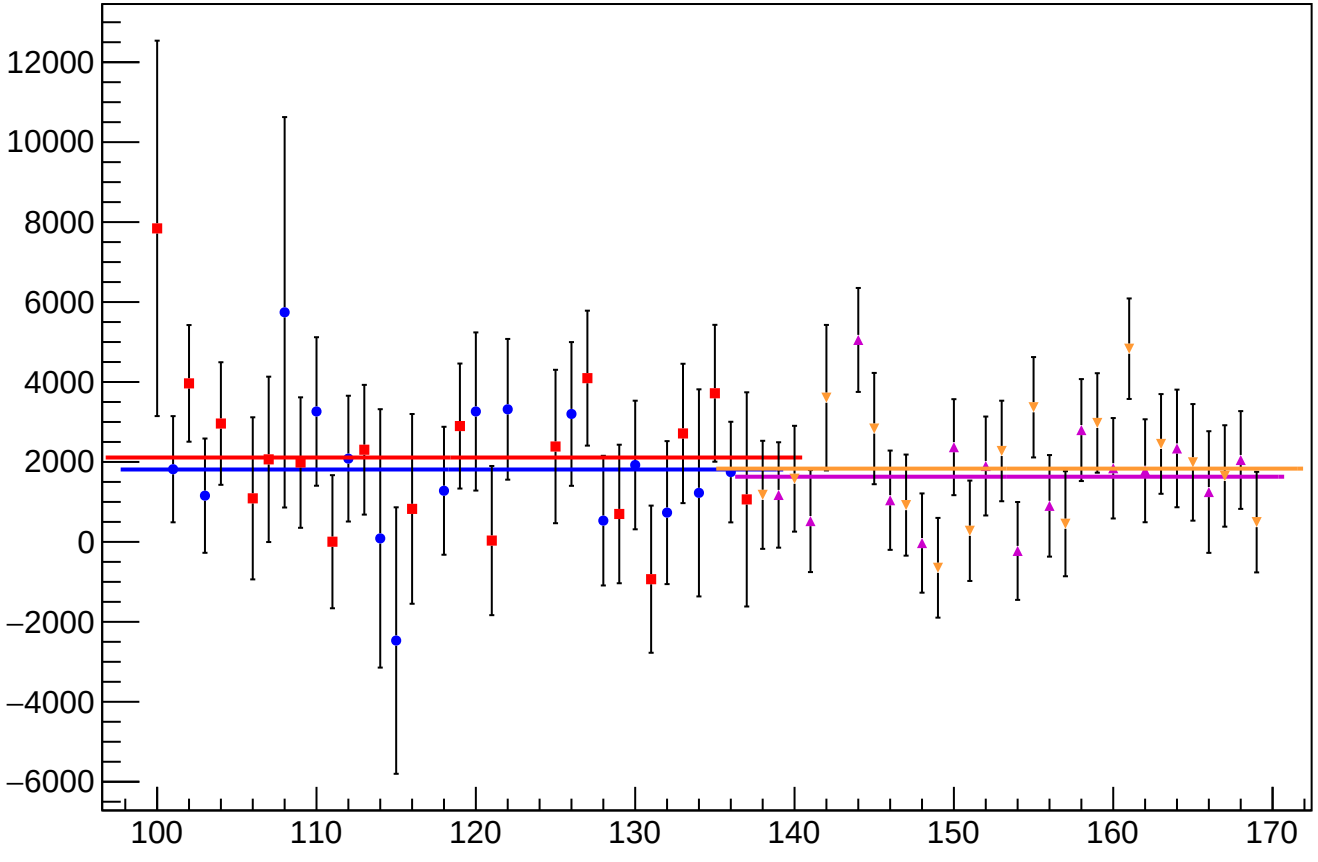
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 1003.890+/-0.166 χ^2/NDF:436398.4/30

Out: 1006.460+/-0.164 χ^2/NDF:573184.9/33

All: 1005.189+/-0.117 χ^2/NDF: 1009704.4/64

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1833.025+/-327.402 χ^2/NDF:18.4/15

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

Left In: 1630.536+/-331.042 χ^2/NDF:14.2/14

Left: 1732.900+/-232.785 χ^2/NDF: 32.8/30

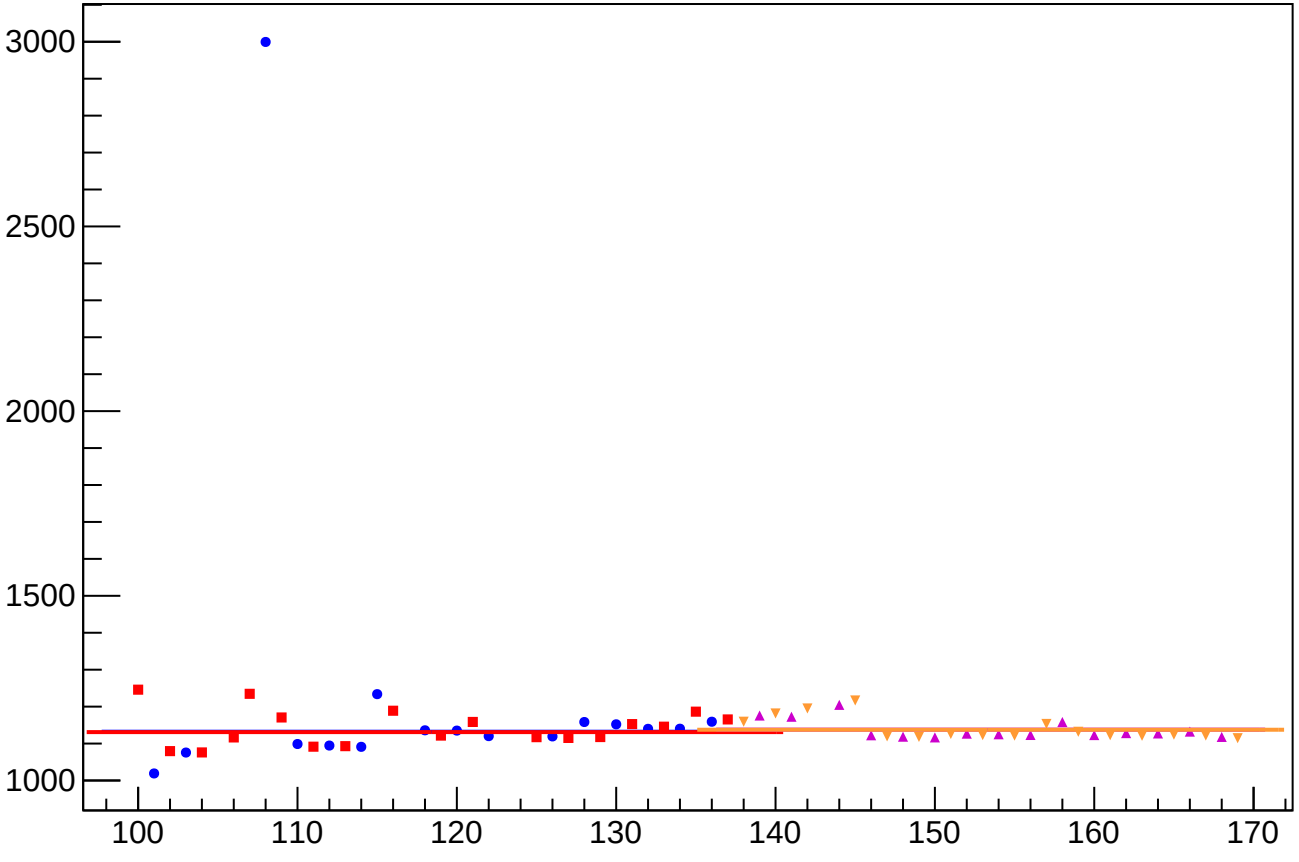
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1695.381+/-264.996 χ^2/NDF:20.7/30

Out: 1935.739+/-259.970 χ^2/NDF:31.7/33

All: 1817.861+/-185.578 χ^2/NDF: 52.8/64

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1137.421+/-0.232 χ^2/NDF:14956.8/15

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

Left In: 1137.642+/-0.234 χ^2/NDF:12064.6/14

Left: 1137.530+/-0.165 χ^2/NDF: 27021.9/30

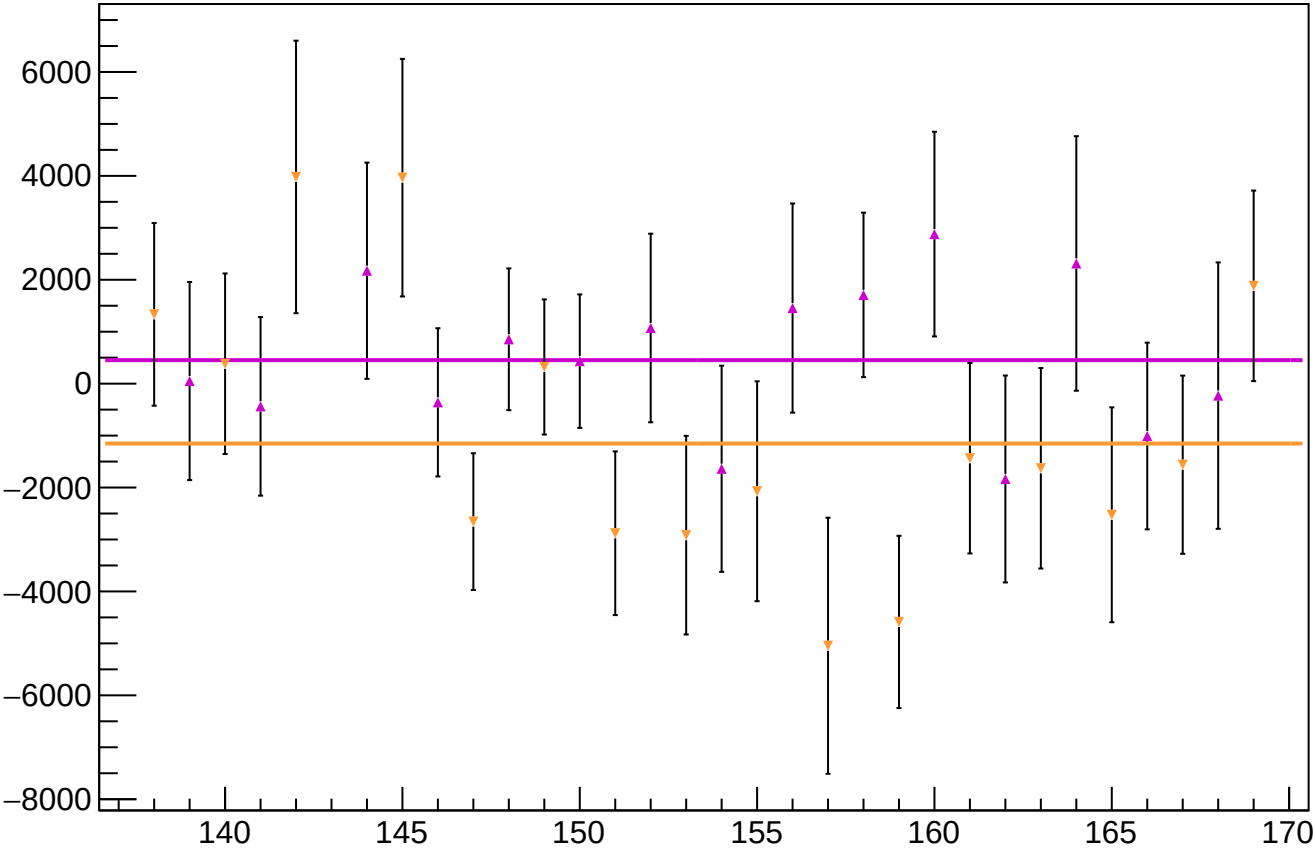
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1135.642+/-0.187 χ^2/NDF:328294.1/30

Out: 1135.055+/-0.184 χ^2/NDF:34958.8/33

All: 1135.343+/-0.131 χ^2/NDF: 363257.9/64

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1153.184+/-446.135 χ^2/NDF:26.6/15

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

Left In: 452.248+/-455.533 χ^2/NDF:7.7/14

Left: -367.200+/-318.736 χ^2/NDF: 40.5/30

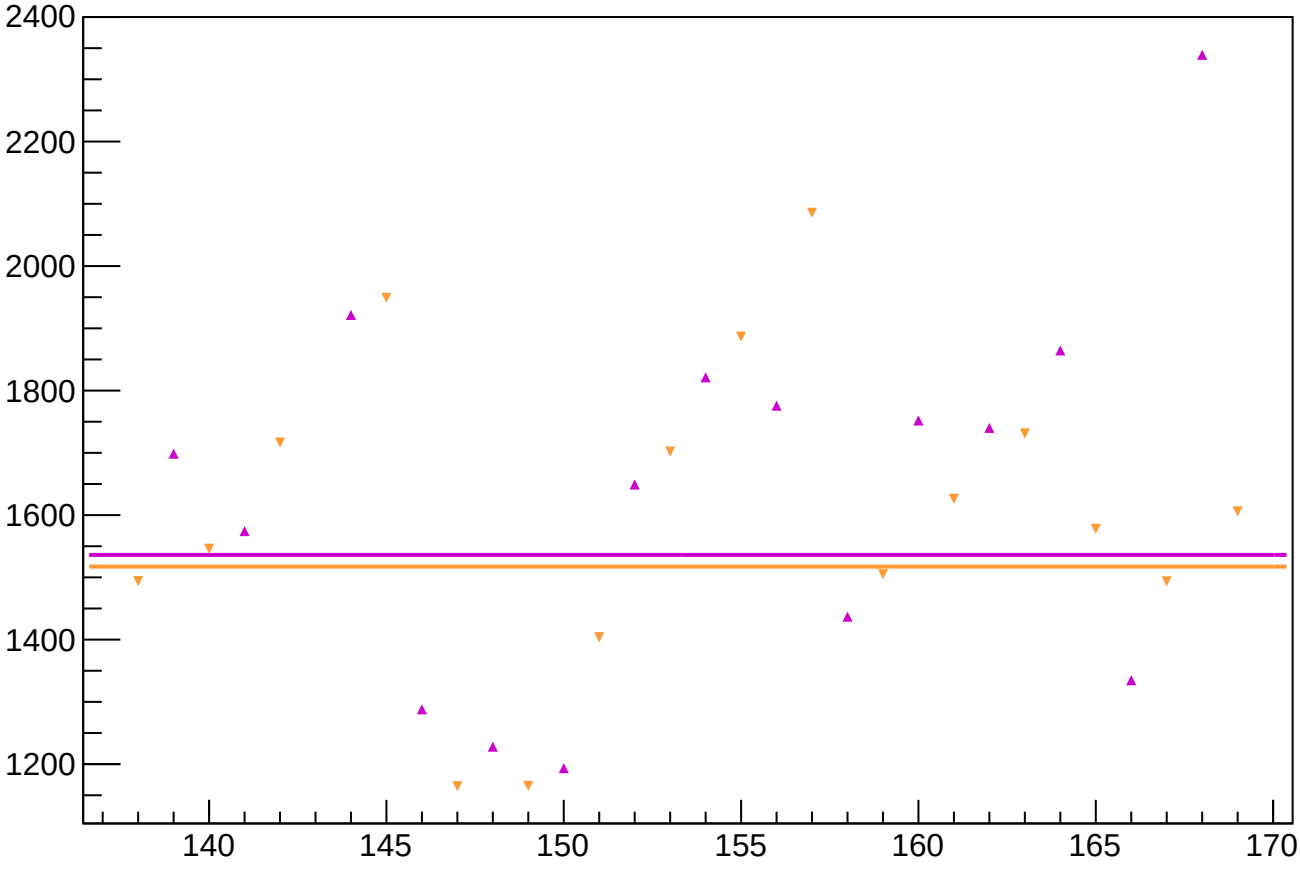
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 452.248+/-455.533 χ^2/NDF:7.7/14

Out: -1153.184+/-446.135 χ^2/NDF:26.6/15

All: -367.200+/-318.736 χ^2/NDF: 40.5/30

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1517.323+/-0.315 χ^2/NDF:608822.9/15

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

Left In: 1536.074+/-0.322 χ^2/NDF:776057.0/14

Left: 1526.503+/-0.225 χ^2/NDF: 1386609.6/30

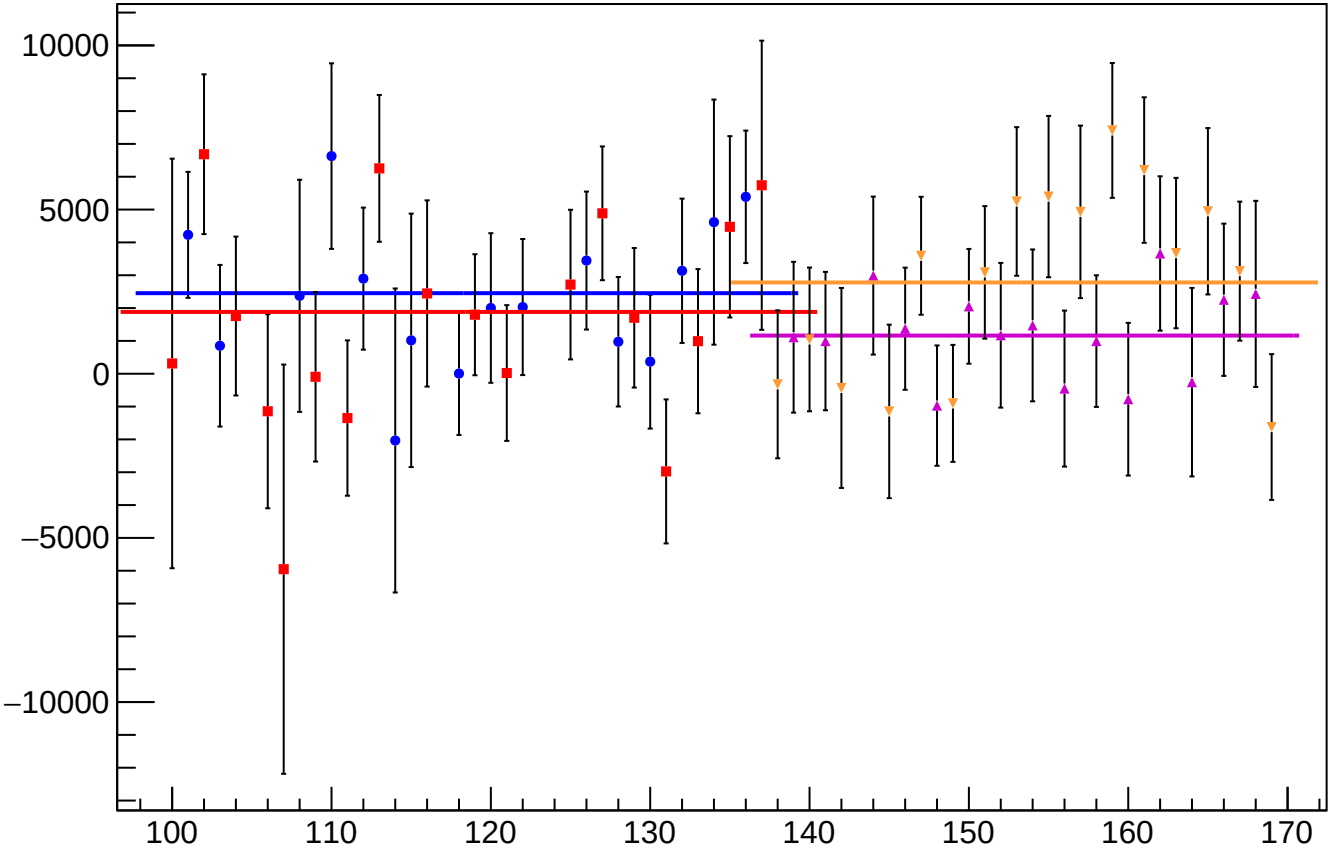
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1536.074+/-0.322 χ^2/NDF:776057.0/14

Out: 1517.323+/-0.315 χ^2/NDF:608822.9/15

All: 1526.503+/-0.225 χ^2/NDF: 1386609.6/30

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2779.831+/-555.033 χ^2/NDF:25.7/15

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

Left In: 1162.300+/-566.341 χ^2/NDF:5.2/14

Left: 1987.375+/-396.405 χ^2/NDF: 35.0/30

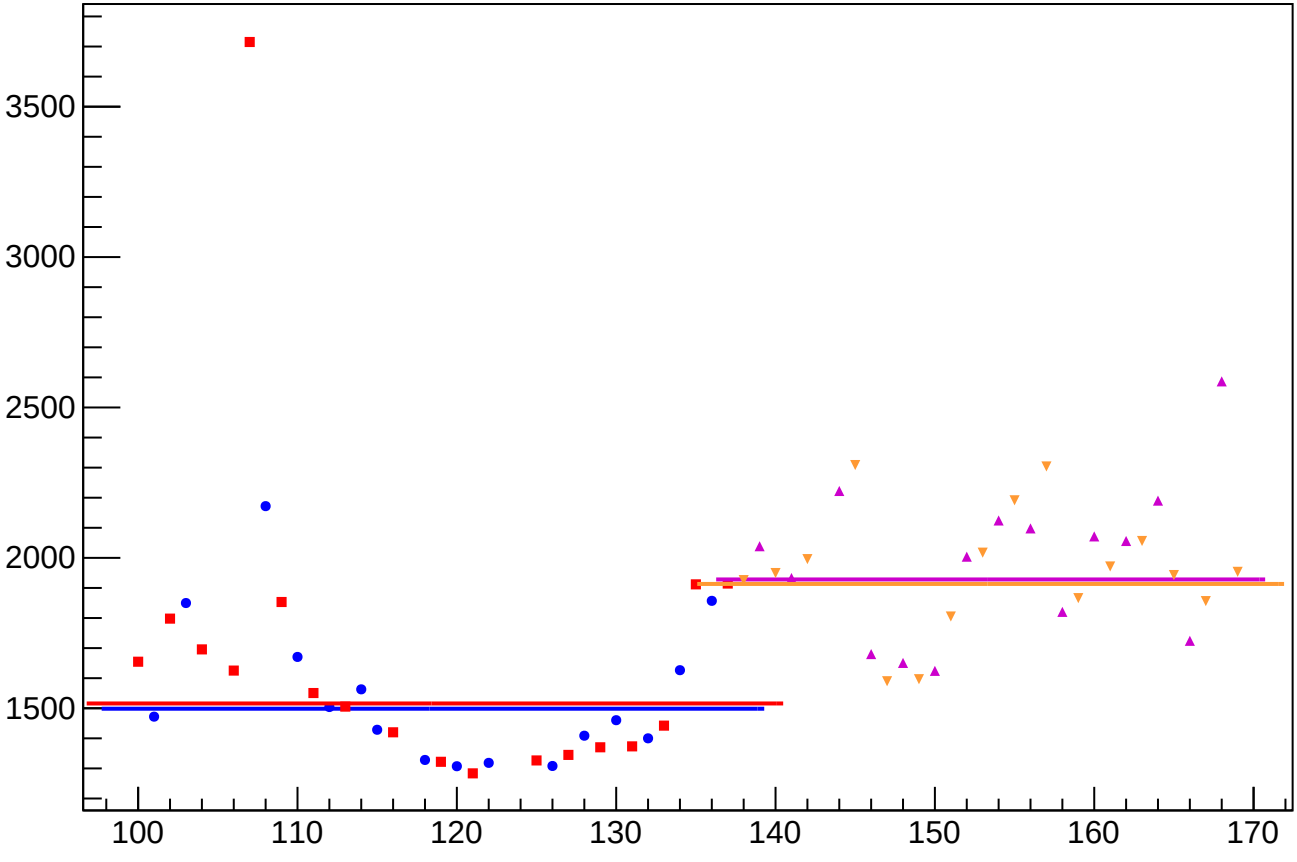
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 1787.827+/-406.667 χ^2/NDF:18.5/30

Out: 2353.469+/-402.053 χ^2/NDF:49.6/33

All: 2073.875+/-285.911 χ^2/NDF: 69.1/64

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1913.305+/-0.392 χ^2/NDF:267289.7/15

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

Left In: 1928.259+/-0.400 χ^2/NDF:362689.1/14

Left: 1920.632+/-0.280 χ^2/NDF: 630690.0/30

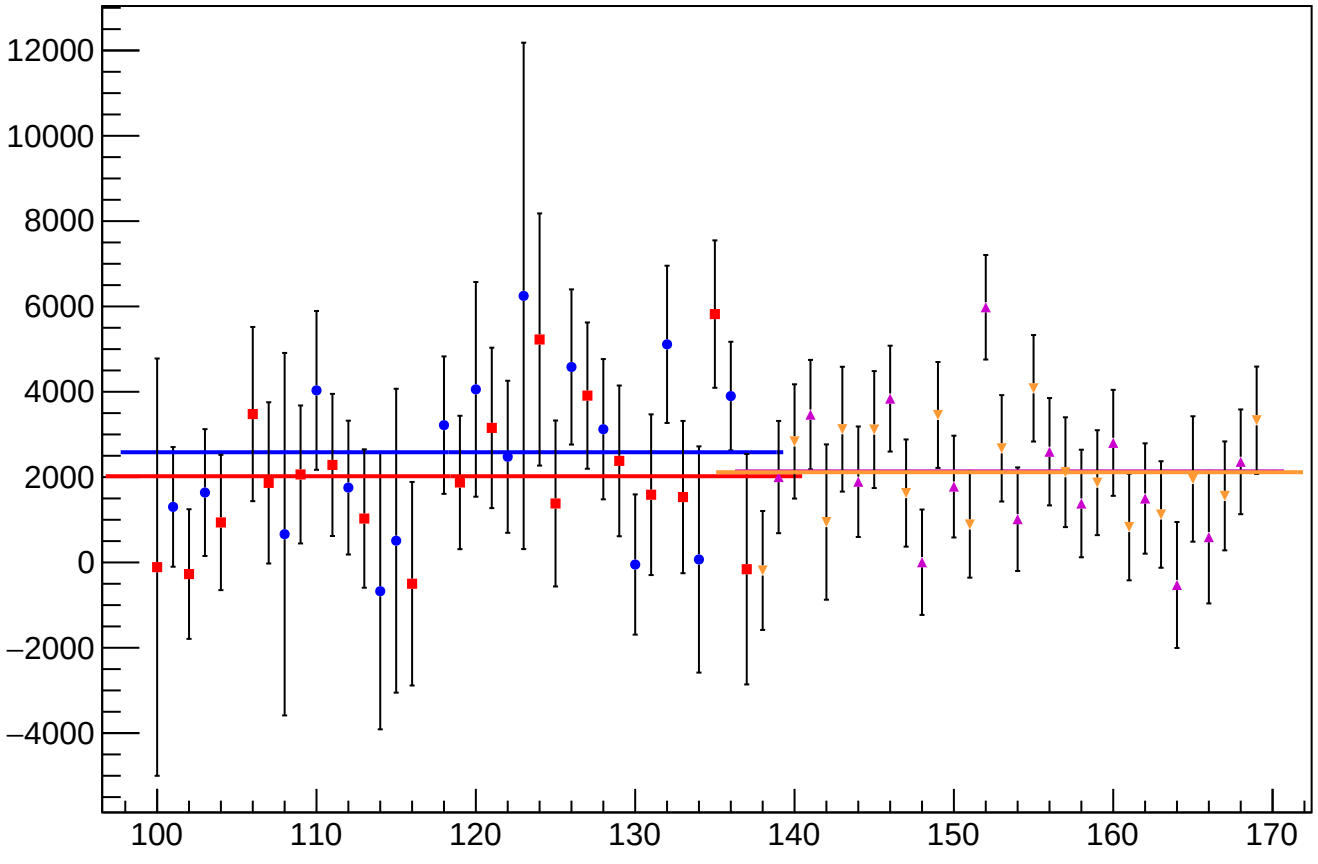
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1720.081+/-0.288 χ^2/NDF:1179389.8/30

Out: 1724.450+/-0.284 χ^2/NDF:1235025.5/33

All: 1722.290+/-0.202 χ^2/NDF: 2414532.1/64

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2114.782+/-318.766 χ^2/NDF:12.3/16

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

Left In: 2135.431+/-330.065 χ^2/NDF:22.1/14

Left: 2124.747+/-229.292 χ^2/NDF: 34.3/31

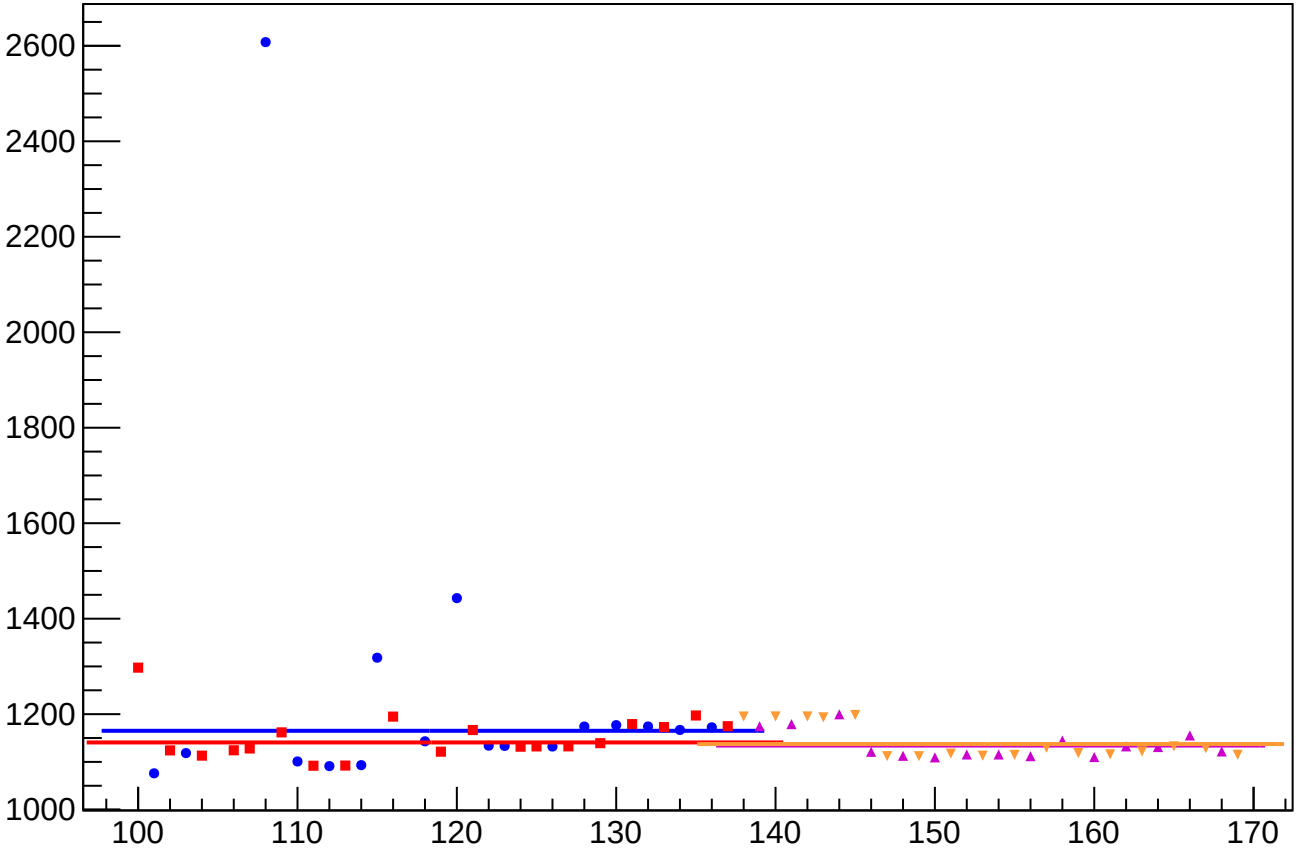
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2290.550+/-266.804 χ^2/NDF:35.0/31

Out: 2081.101+/-255.386 χ^2/NDF:25.8/35

All: 2181.248+/-184.490 χ^2/NDF: 61.1/67

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1137.373+/-0.225 χ^2/NDF:21852.2/16

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

Left In: 1134.234+/-0.233 χ^2/NDF:14189.0/14

Left: 1135.858+/-0.162 χ^2/NDF: 36134.7/31

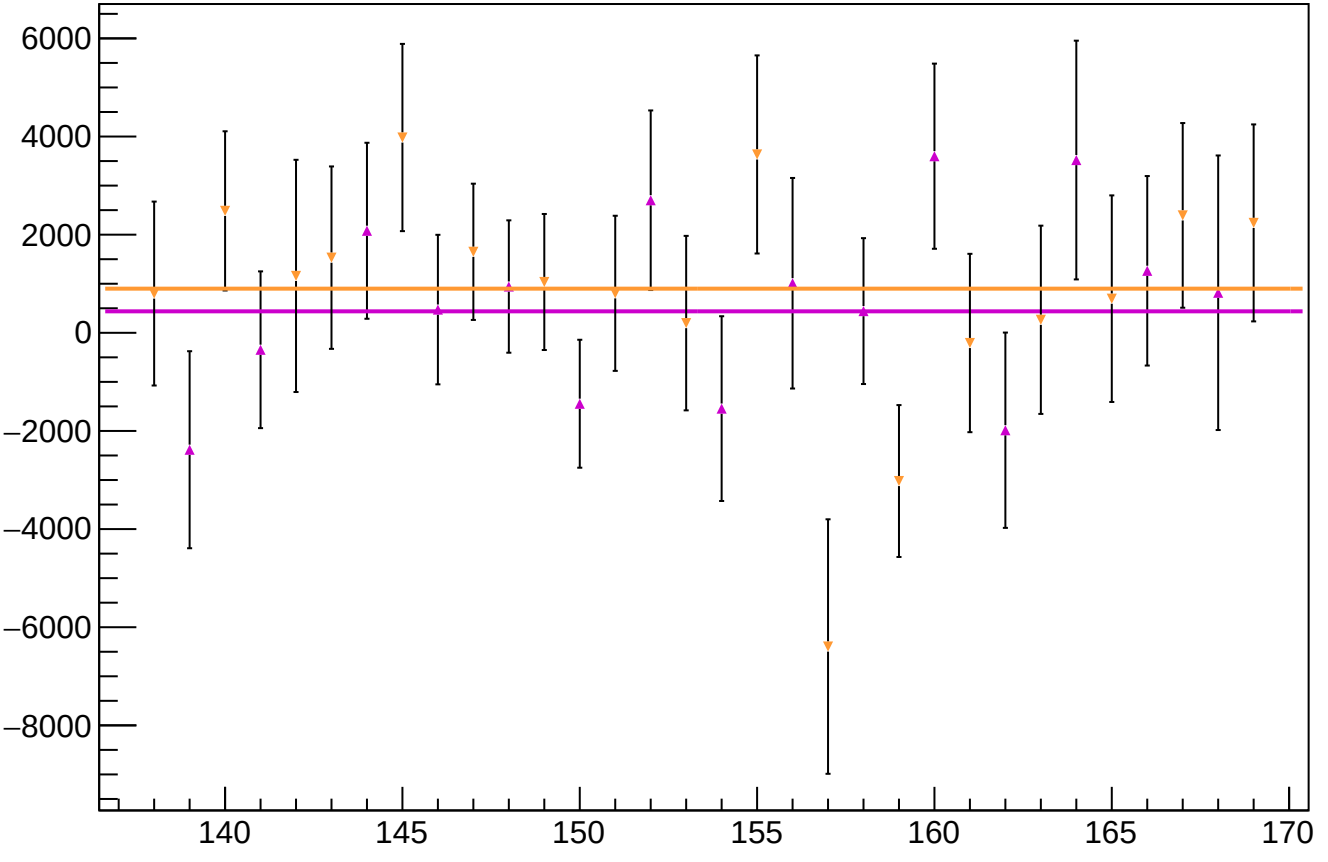
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1144.948+/-0.189 χ^2/NDF:298839.2/31

Out: 1138.583+/-0.181 χ^2/NDF:34650.4/35

All: 1141.626+/-0.130 χ^2/NDF: 334083.6/67

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 899.825+/-434.145 χ^2/NDF:21.9/16

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

Left In: 437.706+/-453.214 χ^2/NDF:14.1/14

Left: 678.692+/-313.511 χ^2/NDF: 36.5/31

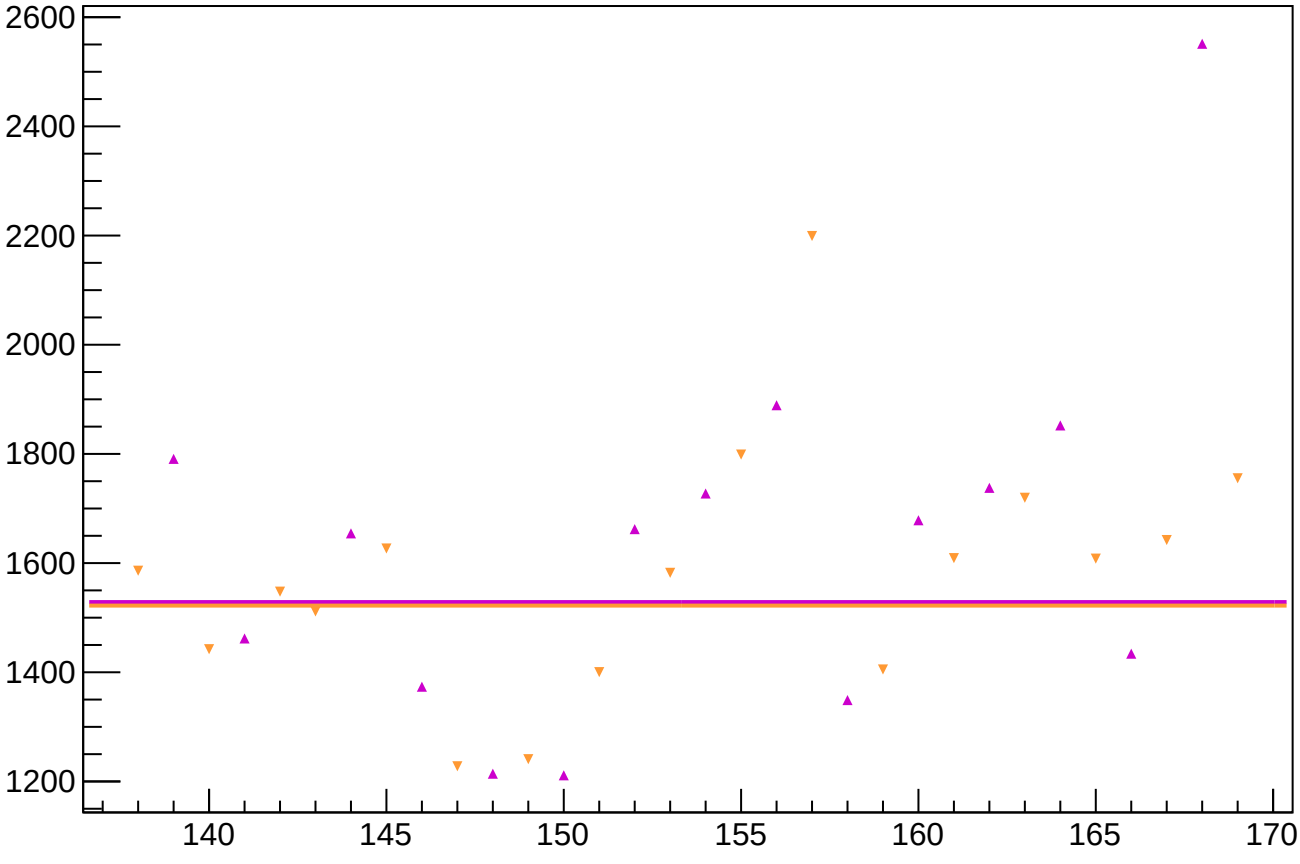
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 437.706+/-453.214 χ^2/NDF:14.1/14

Out: 899.825+/-434.145 χ^2/NDF:21.9/16

All: 678.692+/-313.511 χ^2/NDF: 36.5/31

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1522.139+/-0.307 χ^2/NDF:449563.3/16

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

Left In: 1528.585+/-0.320 χ^2/NDF:756142.1/14

Left: 1525.224+/-0.222 χ^2/NDF: 1205916.3/31

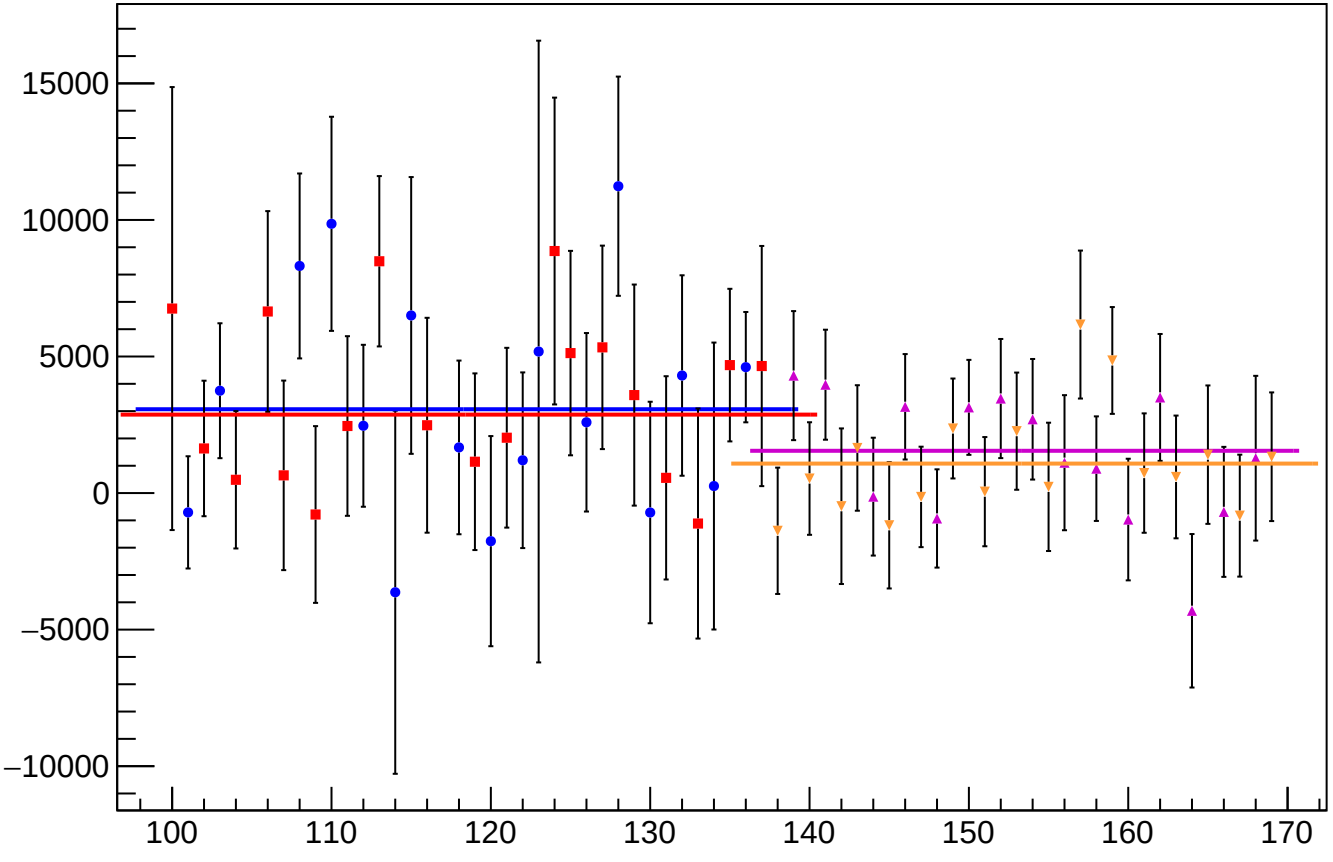
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1528.585+/-0.320 χ^2/NDF:756142.1/14

Out: 1522.139+/-0.307 χ^2/NDF:449563.3/16

All: 1525.224+/-0.222 χ^2/NDF: 1205916.3/31

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1079.238+/-534.013 χ^2/NDF:12.2/16

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

Left In: 1547.627+/-558.967 χ^2/NDF:15.3/14

Left: 1302.744+/-386.125 χ^2/NDF: 27.9/31

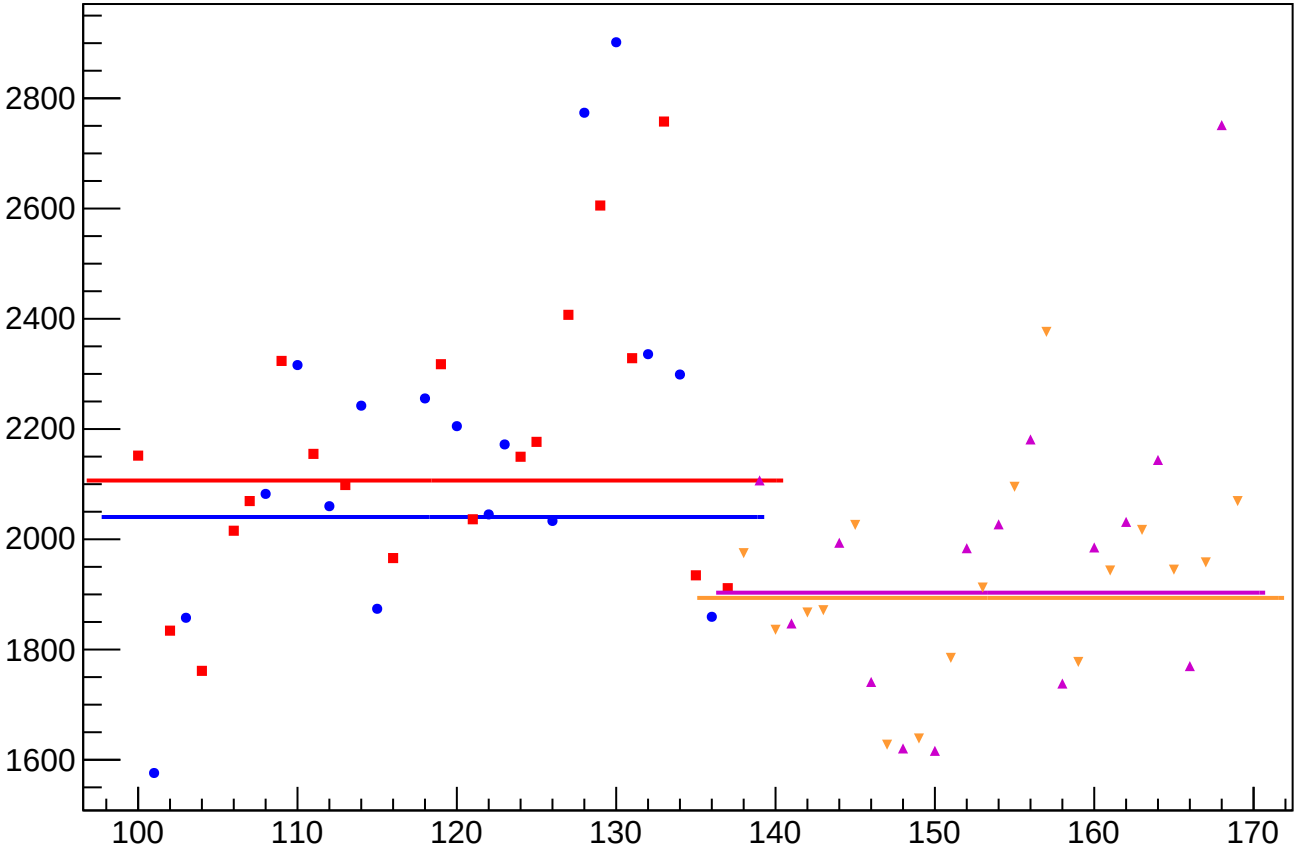
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2048.763+/-457.776 χ^2/NDF:36.2/31

Out: 1636.485+/-443.351 χ^2/NDF:27.3/35

All: 1836.027+/-318.474 χ^2/NDF: 64.0/67

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1893.671+/-0.378 χ^2/NDF:203719.2/16

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

Left In: 1903.159+/-0.395 χ^2/NDF:374911.9/14

Left: 1898.198+/-0.273 χ^2/NDF: 578932.4/31

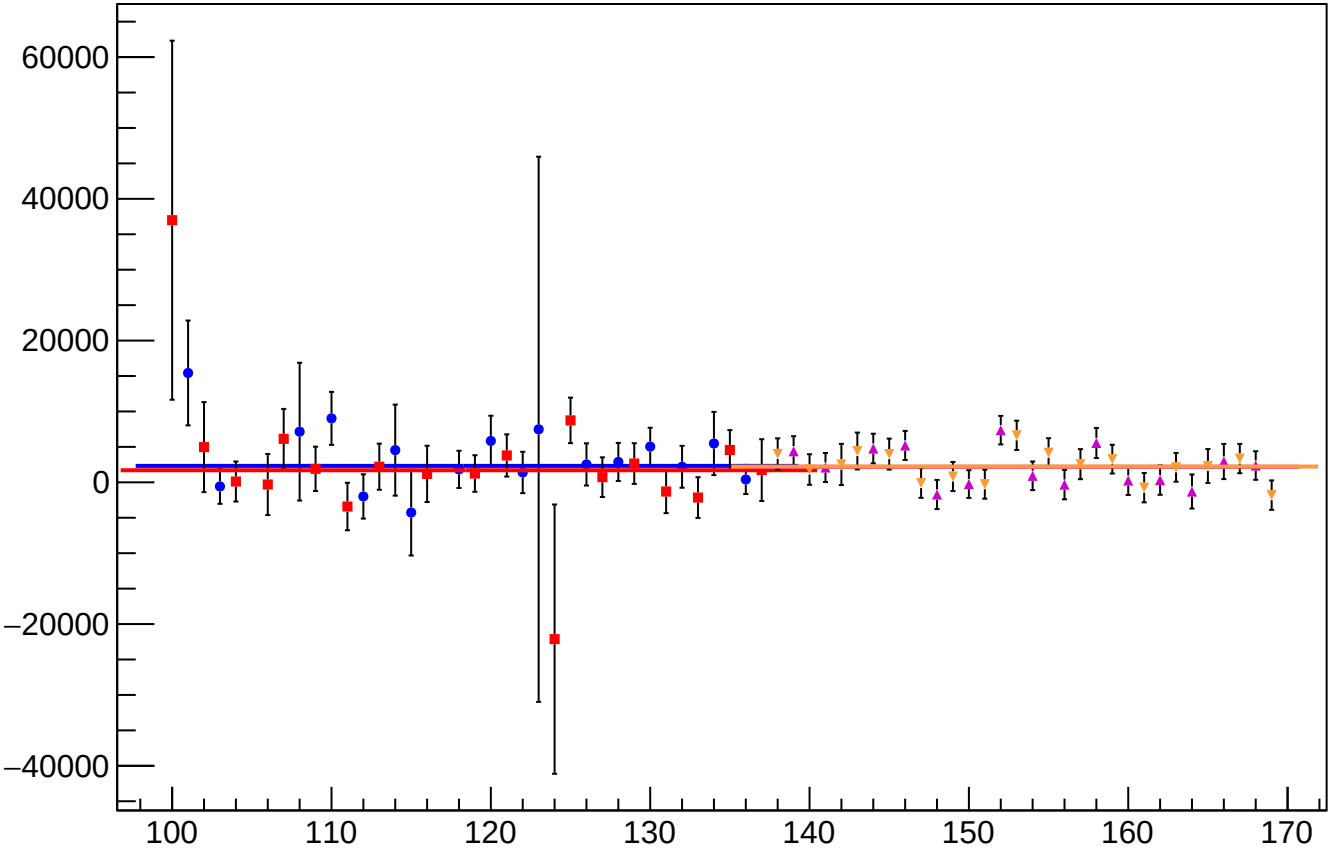
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1948.362+/-0.324 χ^2/NDF:745972.9/31

Out: 1959.840+/-0.313 χ^2/NDF:497960.0/35

All: 1954.285+/-0.225 χ^2/NDF: 1244581.7/67

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2222.804+/-523.023 χ^2/NDF:17.1/16

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

Left In: 2191.014+/-540.409 χ^2/NDF:24.8/14

Left: 2207.429+/-375.829 χ^2/NDF: 41.9/31

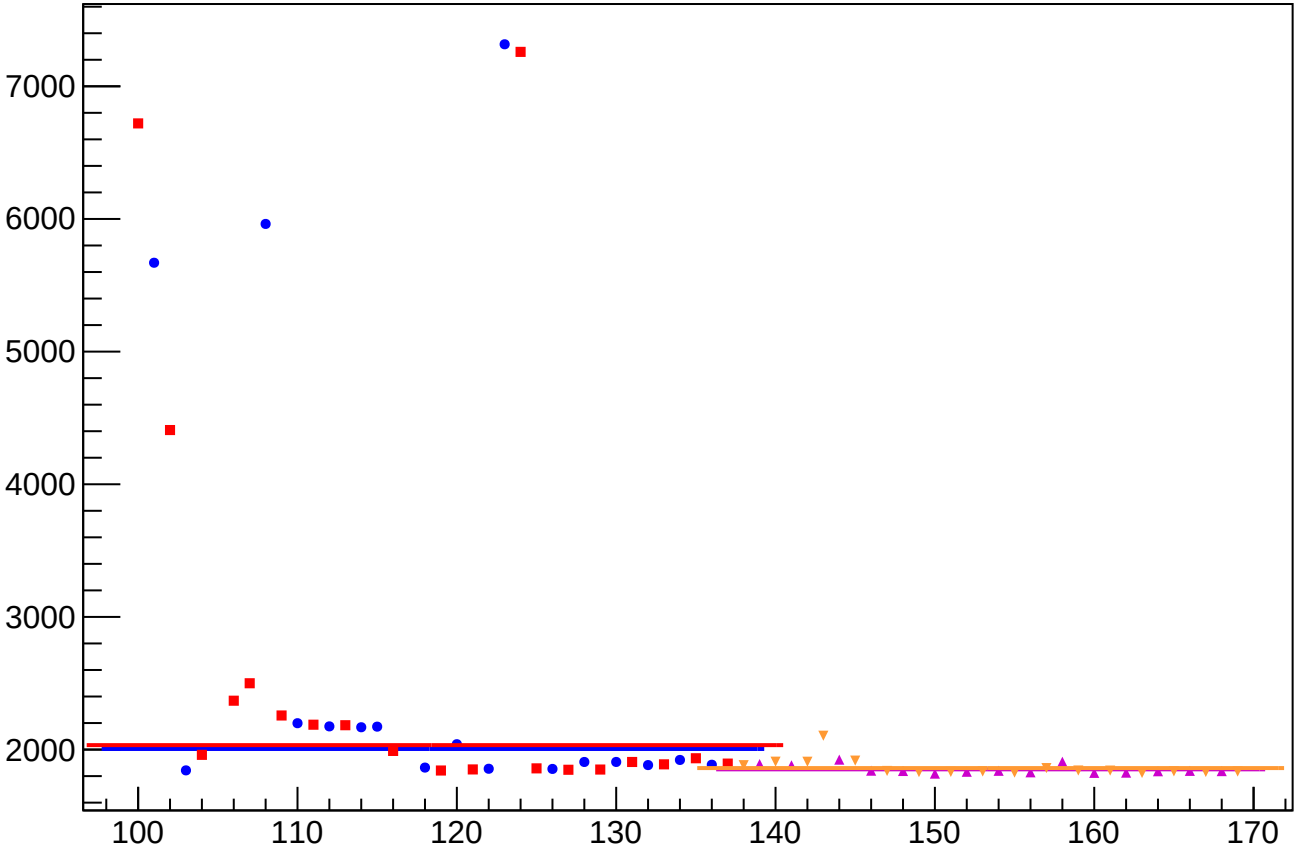
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2231.030+/-448.063 χ^2/NDF:39.6/31

Out: 2063.161+/-434.893 χ^2/NDF:34.6/35

All: 2144.592+/-312.068 χ^2/NDF: 74.3/67

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1860.494+/-0.370 χ^2/NDF:24498.7/16

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

Left In: 1850.979+/-0.382 χ^2/NDF:7008.7/14

Left: 1855.892+/-0.266 χ^2/NDF: 31827.5/31

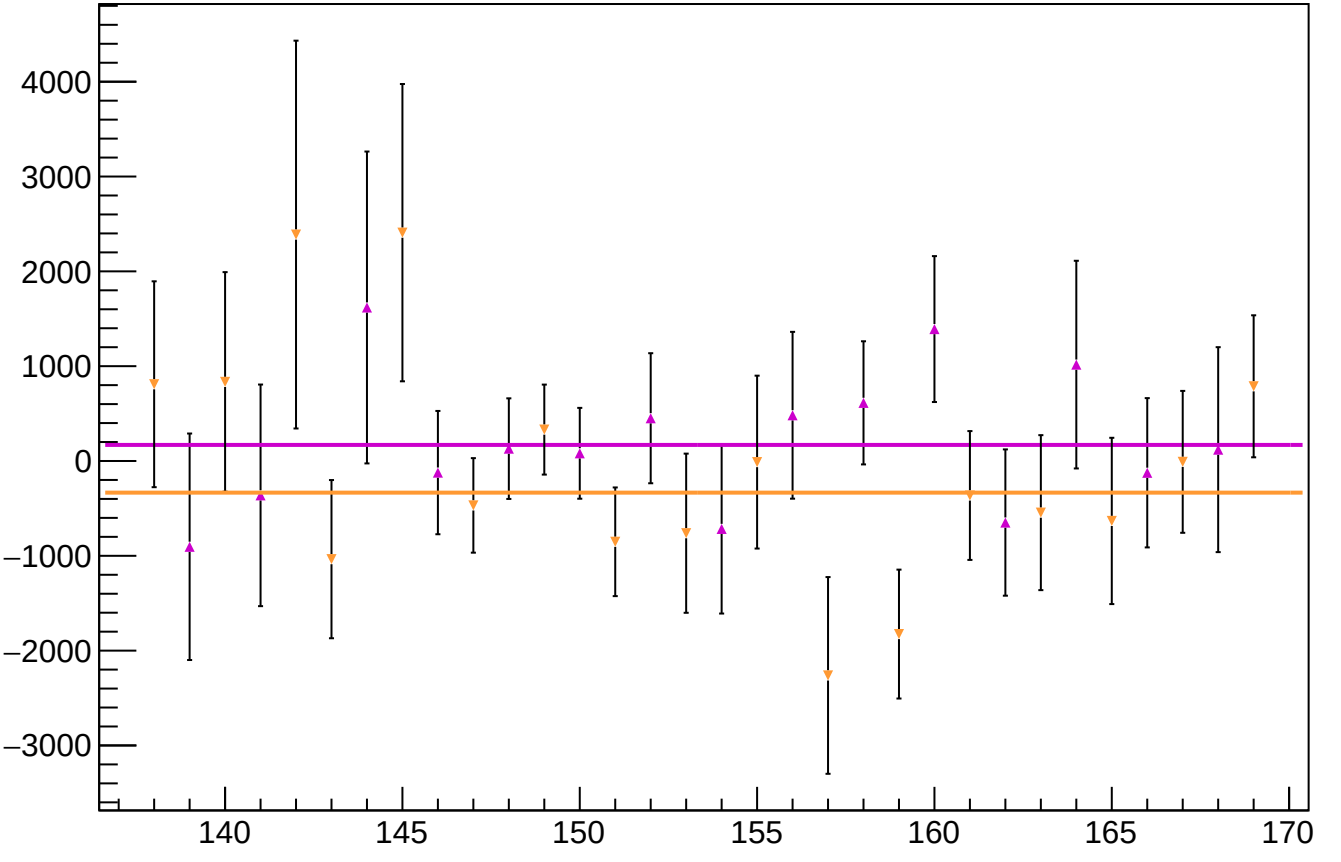
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1898.980+/-0.317 χ^2/NDF:973504.9/31

Out: 1913.882+/-0.308 χ^2/NDF:703035.1/35

All: 1906.653+/-0.221 χ^2/NDF: 1677679.3/67

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -333.706+/-184.308 χ^2/NDF:21.8/16

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

Left In: 169.468+/-196.881 χ^2/NDF:8.2/14

Left: -98.698+/-134.551 χ^2/NDF: 33.4/31

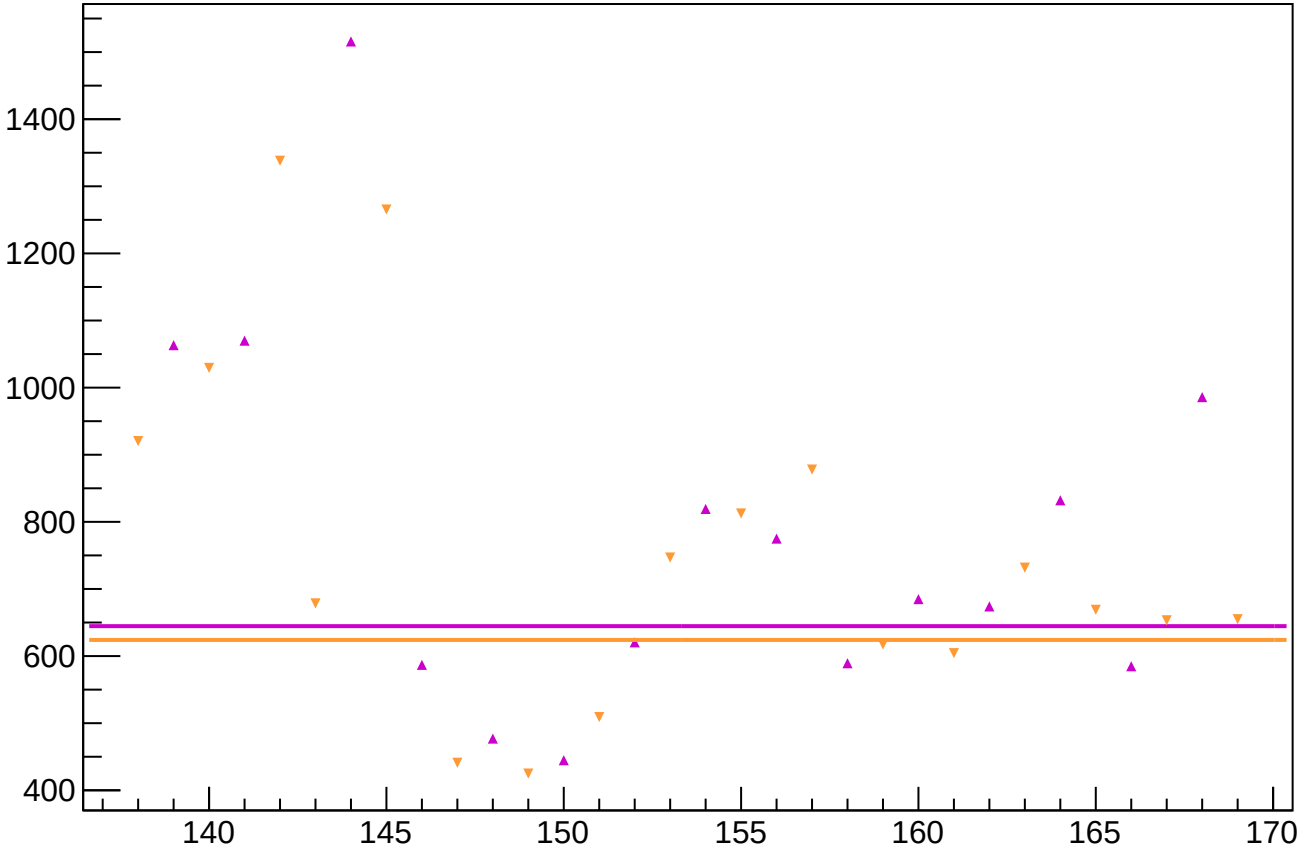
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 169.468+/-196.881 χ^2/NDF:8.2/14

Out: -333.706+/-184.308 χ^2/NDF:21.8/16

All: -98.698+/-134.551 χ^2/NDF: 33.4/31

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 624.061+/-0.130 χ^2/NDF:1979762.7/16

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

Left In: 644.603+/-0.139 χ^2/NDF:2050597.3/14

Left: 633.655+/-0.095 χ^2/NDF: 4041963.2/31

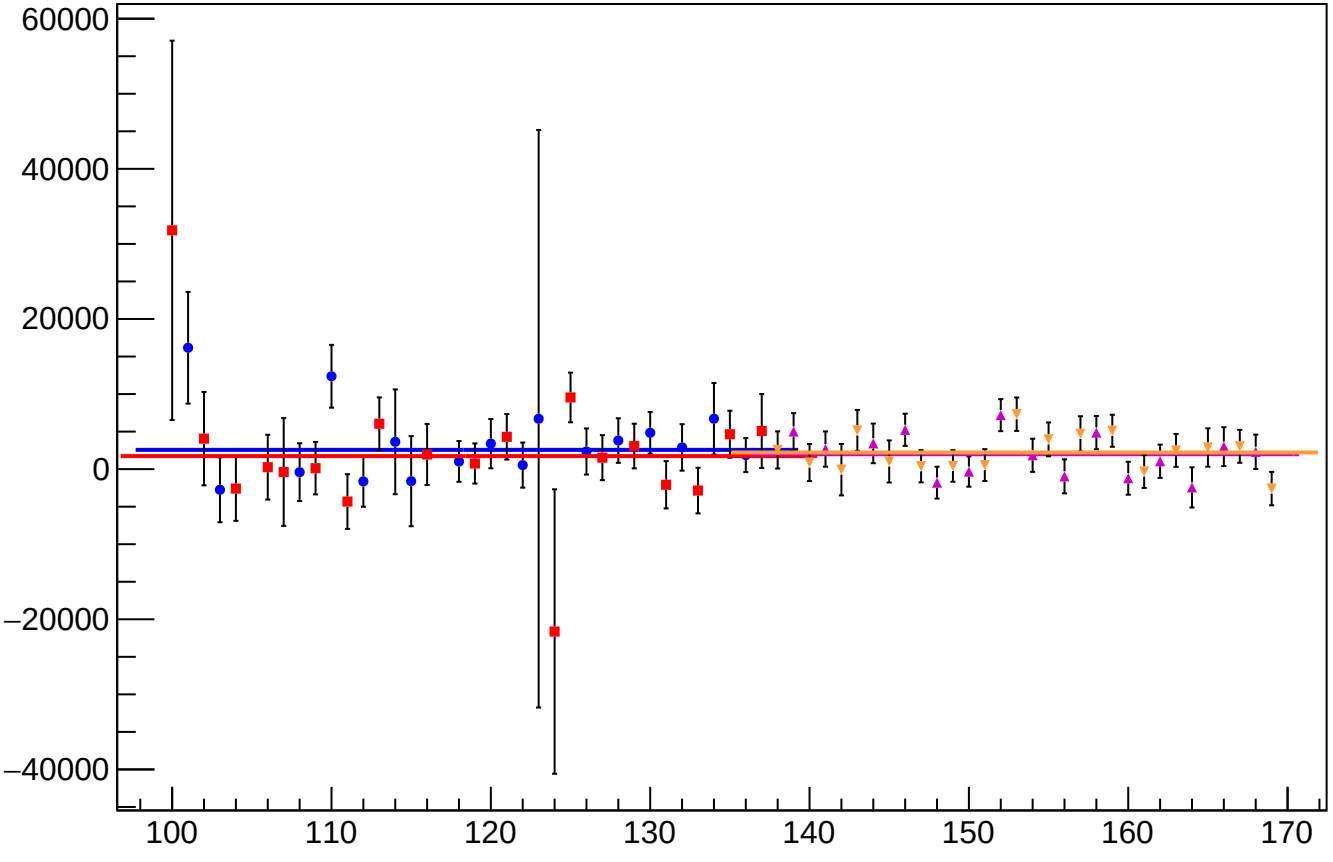
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 644.603+/-0.139 χ^2/NDF:2050597.3/14

Out: 624.061+/-0.130 χ^2/NDF:1979762.7/16

All: 633.655+/-0.095 χ^2/NDF: 4041963.2/31

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2217.347+/-566.125 χ^2/NDF:19.2/16

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

Left In: 1986.910+/-587.828 χ^2/NDF:23.3/14

Left: 2106.461+/-407.768 χ^2/NDF: 42.6/31

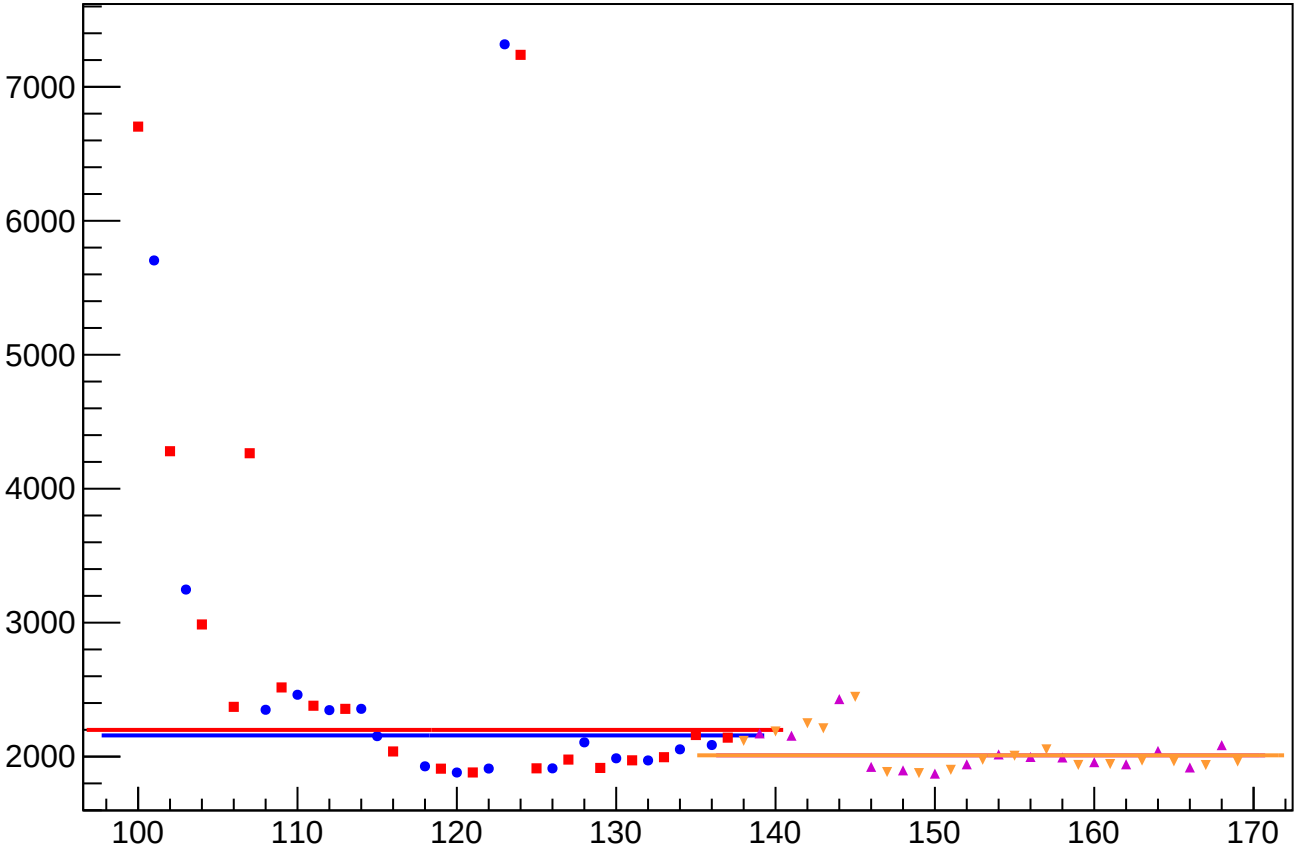
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2172.713+/-484.589 χ^2/NDF:39.2/31

Out: 2070.715+/-471.723 χ^2/NDF:40.0/35

All: 2120.342+/-338.015 χ^2/NDF: 79.2/67

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2009.644+/-0.400 χ^2/NDF:112742.4/16

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

Left In: 2009.439+/-0.416 χ^2/NDF:95507.9/14

Left: 2009.545+/-0.288 χ^2/NDF: 208250.5/31

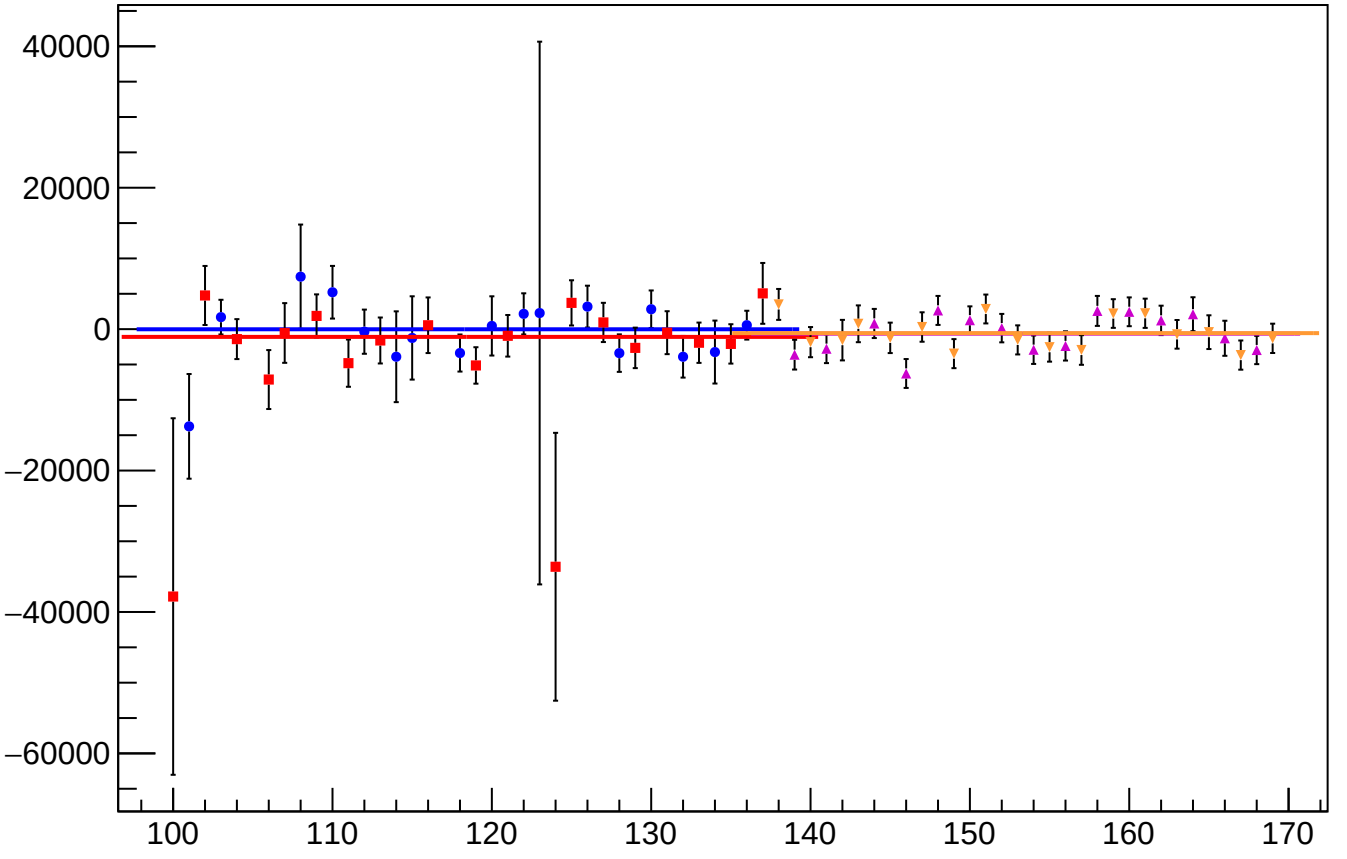
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2057.087+/-0.343 χ^2/NDF:850382.5/31

Out: 2067.635+/-0.334 χ^2/NDF:984412.5/35

All: 2062.503+/-0.239 χ^2/NDF: 1835281.4/67

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -564.641+/-520.654 χ^2/NDF:17.8/16

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

Left In: -638.030+/-538.301 χ^2/NDF:25.0/14

Left: -600.113+/-374.242 χ^2/NDF: 42.8/31

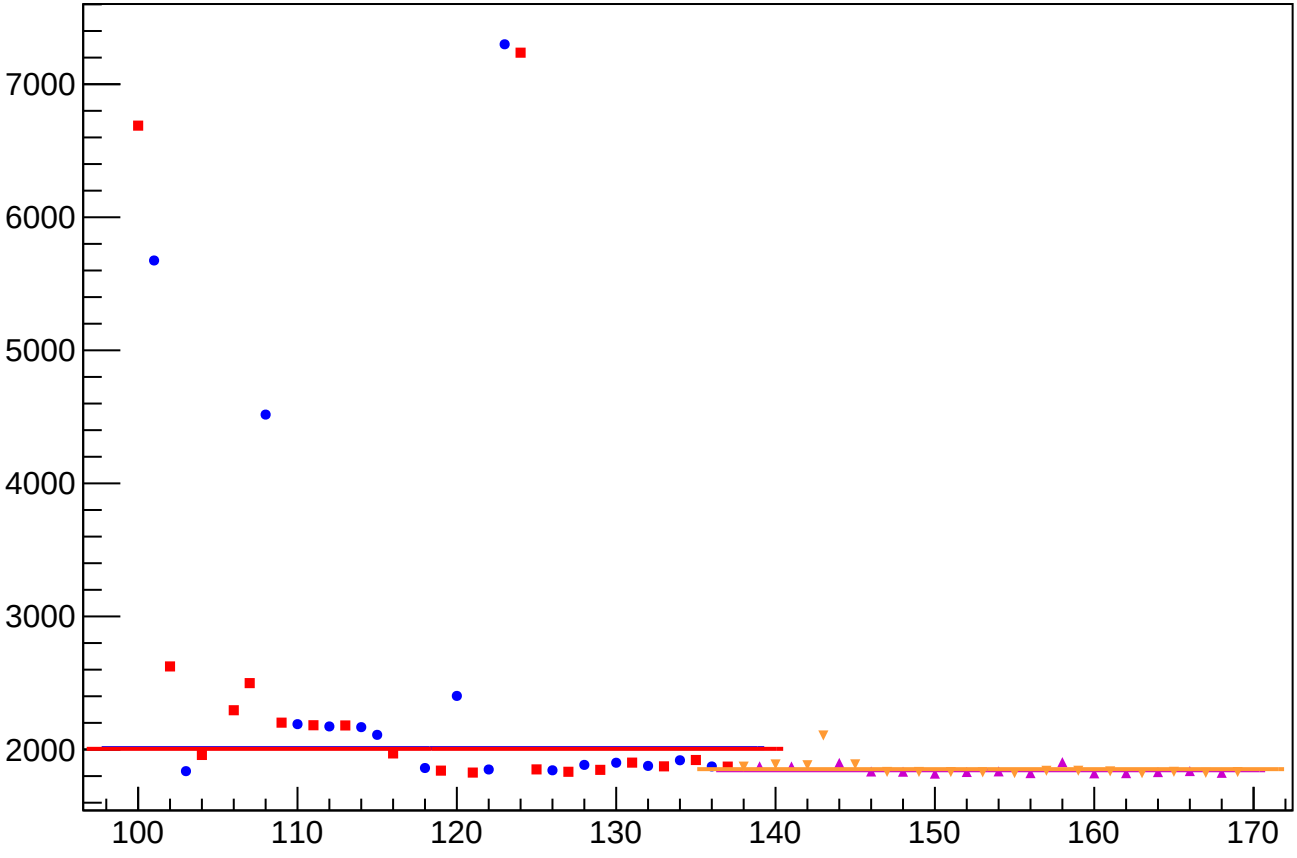
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -445.346+/-446.854 χ^2/NDF:41.2/31

Out: -731.264+/-431.260 χ^2/NDF:37.5/35

All: -593.381+/-310.313 χ^2/NDF: 79.0/67

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1852.186+/-0.368 χ^2/NDF:23201.3/16

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

Left In: 1843.847+/-0.381 χ^2/NDF:5390.8/14

Left: 1848.155+/-0.265 χ^2/NDF: 28840.1/31

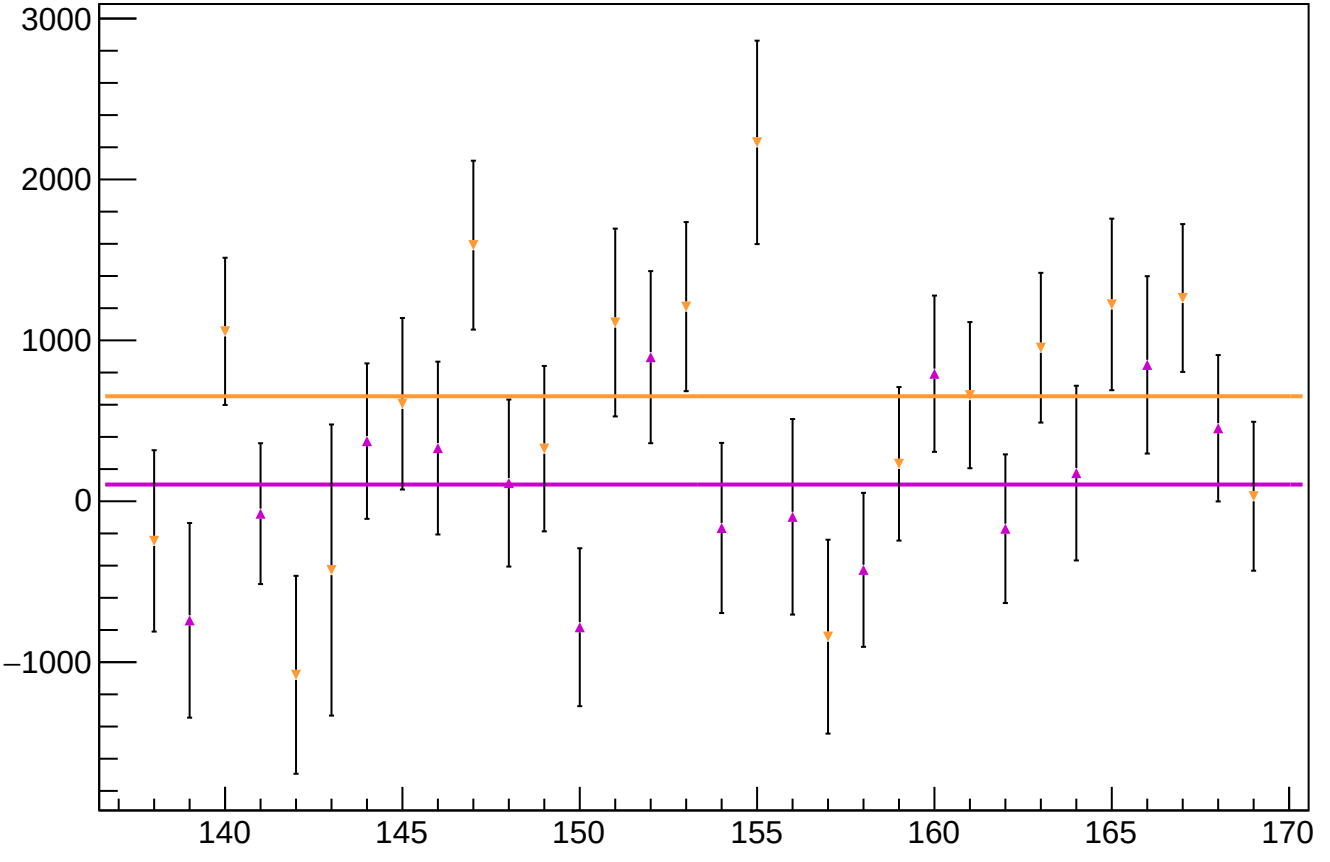
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1895.589+/-0.316 χ^2/NDF:904572.7/31

Out: 1900.120+/-0.305 χ^2/NDF:444715.1/35

All: 1897.935+/-0.219 χ^2/NDF: 1349394.3/67

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 652.556+/-127.694 χ^2/NDF:36.3/16

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

Left In: 104.016+/-131.125 χ^2/NDF:14.5/14

Left: 385.556+/-91.482 χ^2/NDF: 59.7/31

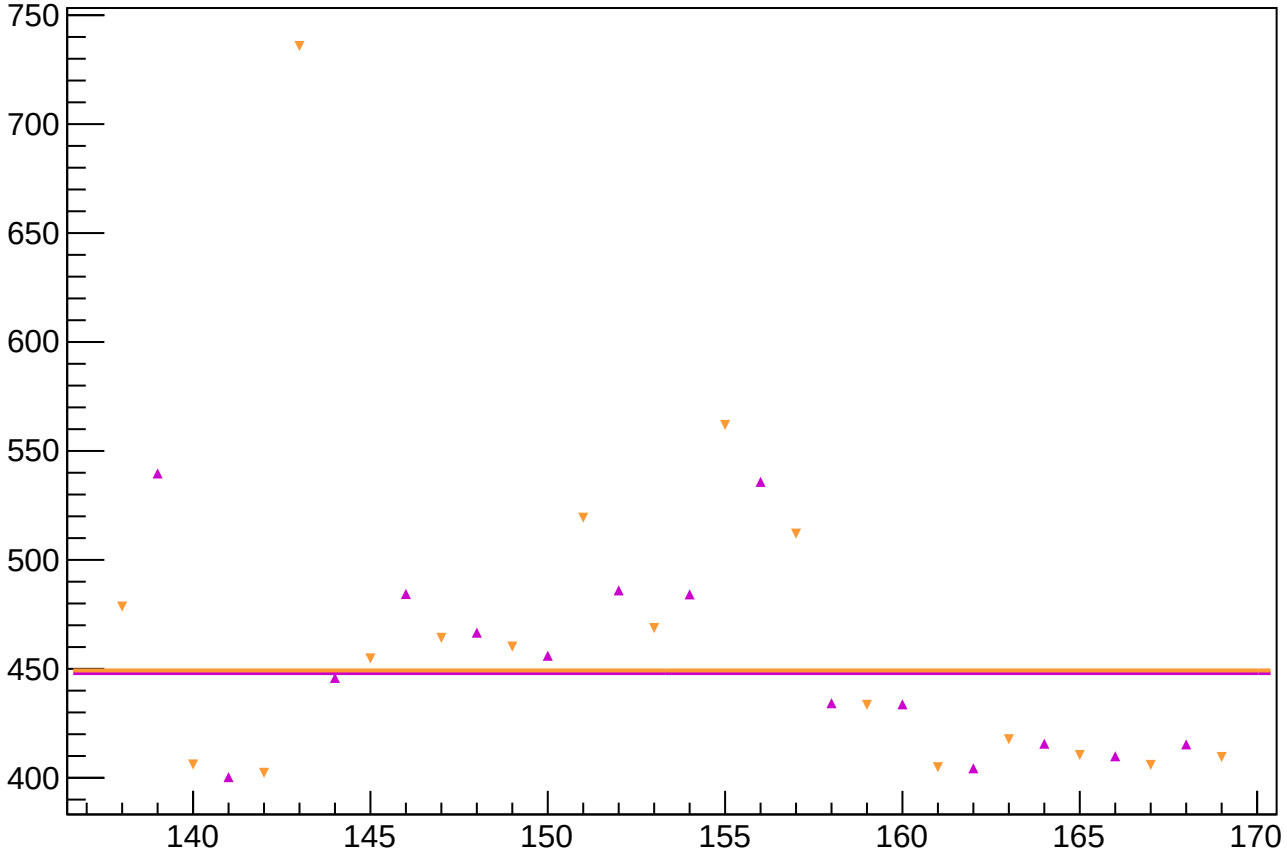
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 104.016+/-131.125 χ^2/NDF:14.5/14

Out: 652.556+/-127.694 χ^2/NDF:36.3/16

All: 385.556+/-91.482 χ^2/NDF: 59.7/31

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 449.269+/-0.090 χ^2/NDF:428820.8/16

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

Left In: 448.058+/-0.093 χ^2/NDF:191504.0/14

Left: 448.680+/-0.065 χ^2/NDF: 620412.3/31

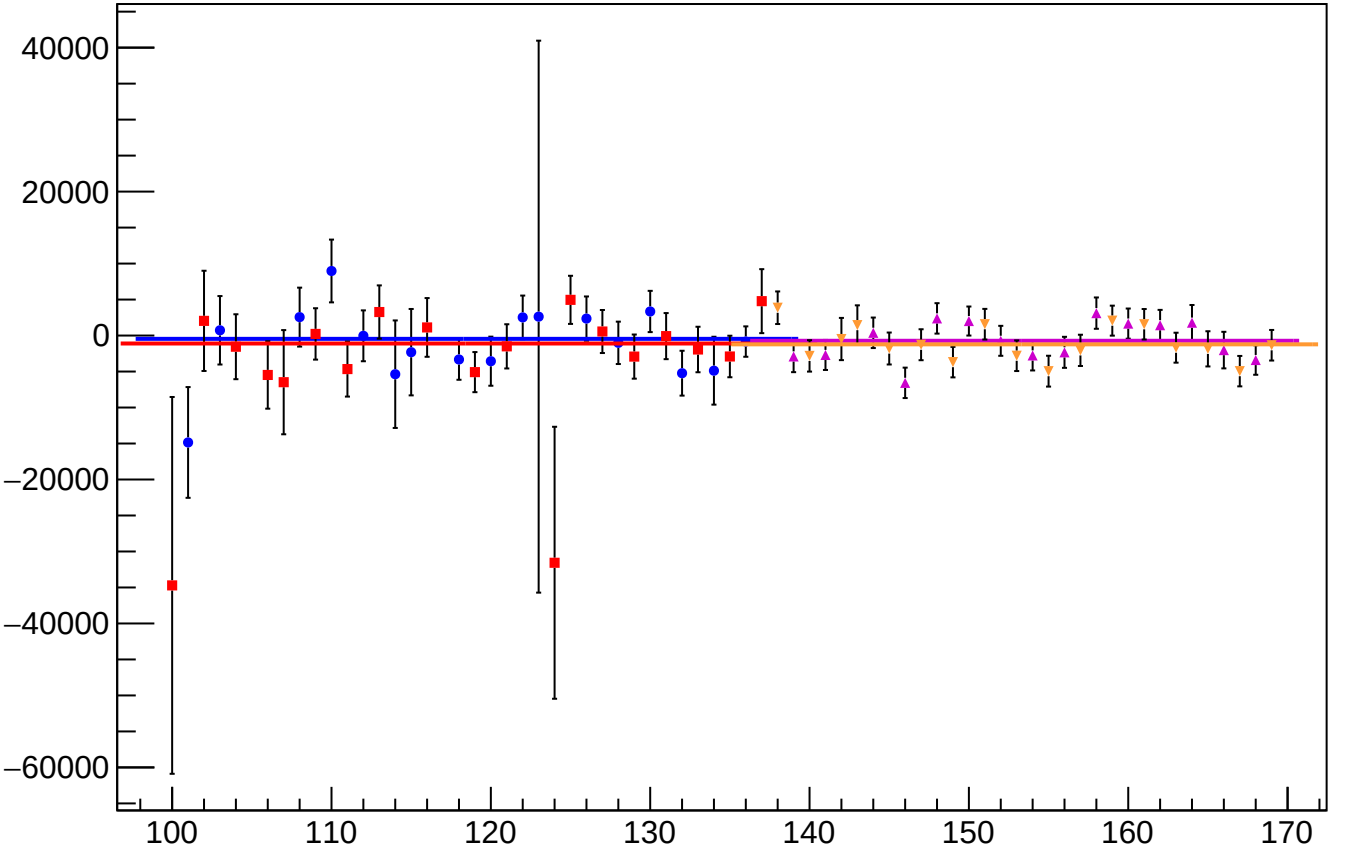
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 448.058+/-0.093 χ^2/NDF:191504.0/14

Out: 449.269+/-0.090 χ^2/NDF:428820.8/16

All: 448.680+/-0.065 χ^2/NDF: 620412.3/31

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1221.062+/-537.203 χ^2/NDF:20.9/16

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

Left In: -727.136+/-554.660 χ^2/NDF:23.8/14

Left: -981.994+/-385.884 χ^2/NDF: 45.1/31

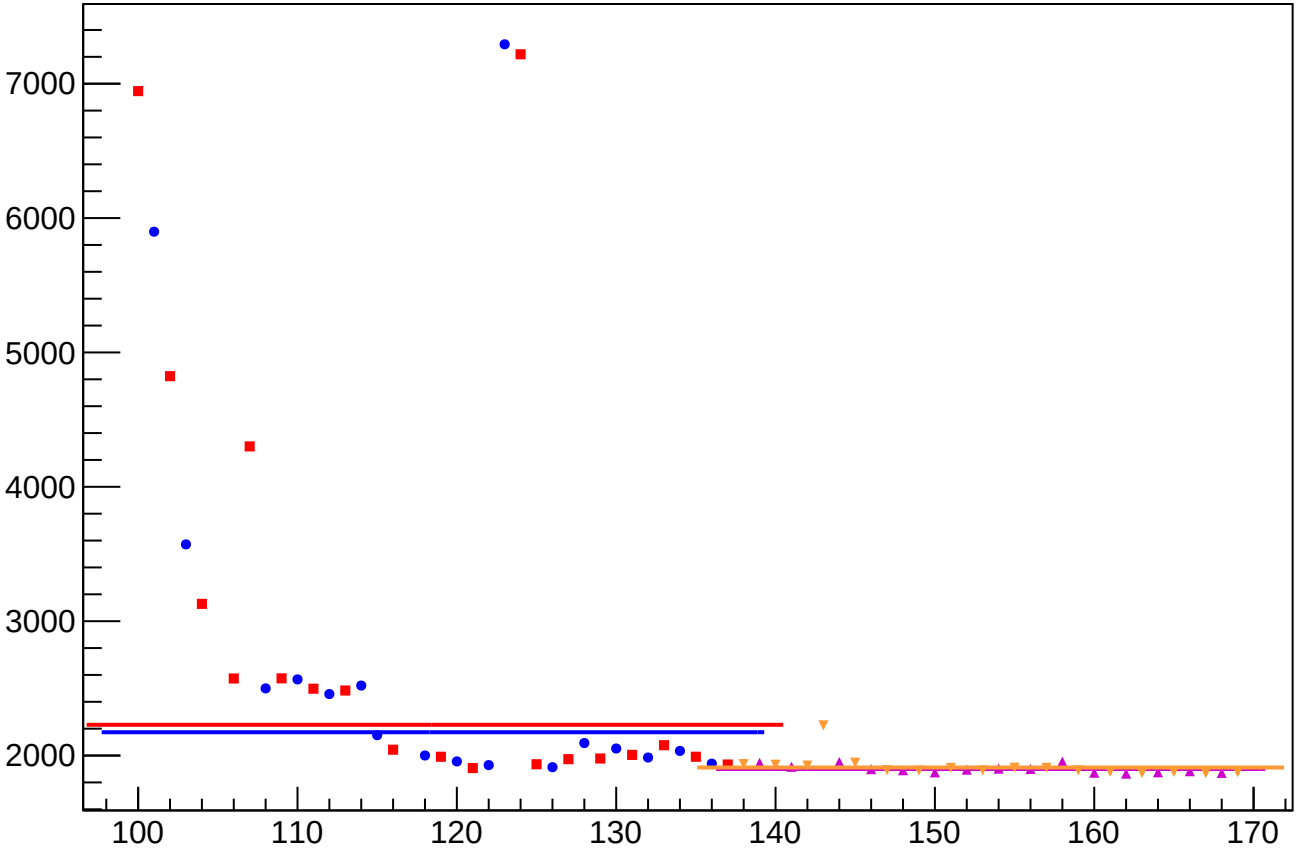
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -648.829+/-466.938 χ^2/NDF:41.9/31

Out: -1188.682+/-456.673 χ^2/NDF:37.9/35

All: -924.754+/-326.485 χ^2/NDF: 80.5/67

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1911.007+/-0.380 χ^2/NDF:30796.9/16

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

Left In: 1900.060+/-0.392 χ^2/NDF:5422.8/14

Left: 1905.708+/-0.273 χ^2/NDF: 36621.7/31

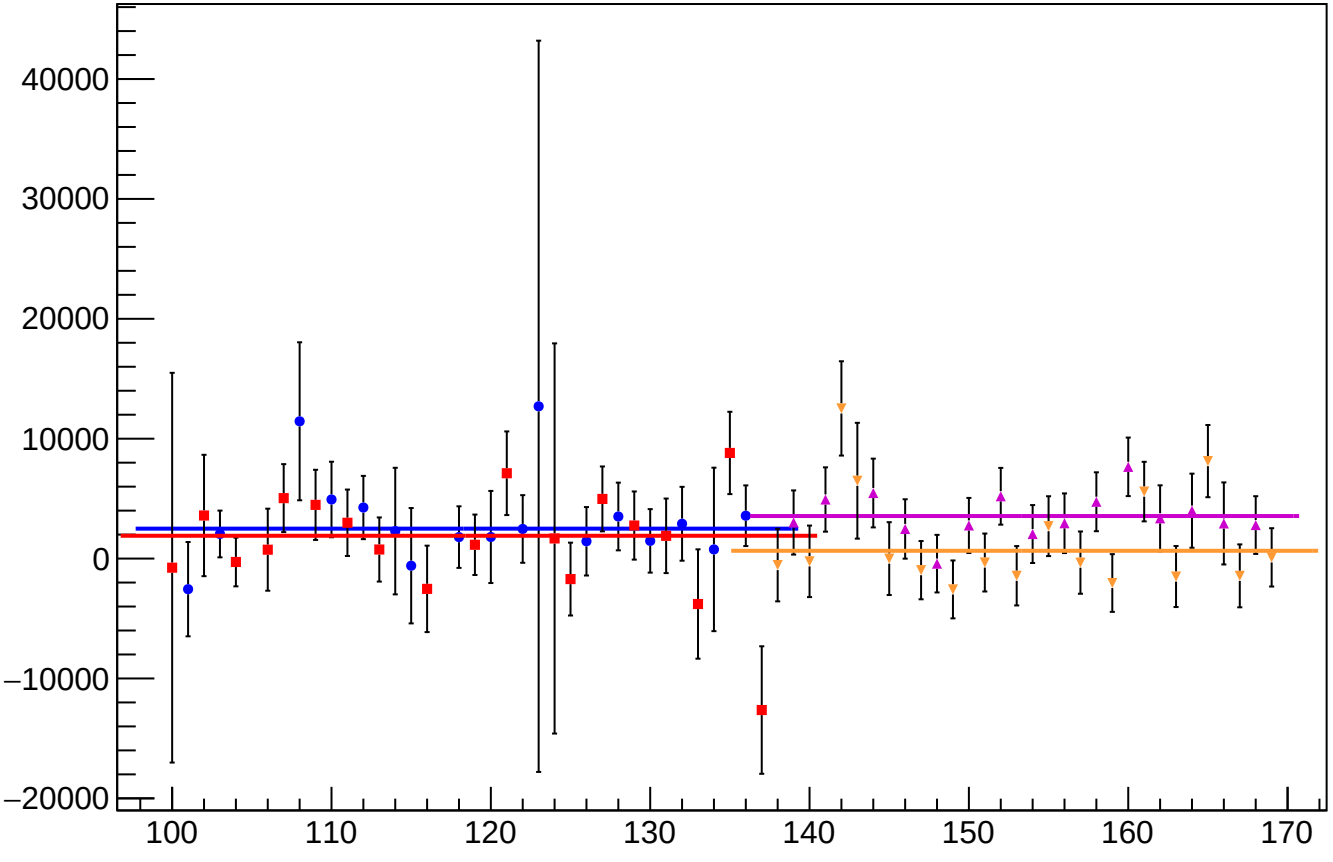
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 1979.720+/-0.330 χ^2/NDF:952404.2/31

Out: 1999.169+/-0.323 χ^2/NDF:1120887.4/35

All: 1989.661+/-0.231 χ^2/NDF: 2075065.2/67

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 650.179+/-654.414 χ^2/NDF:27.6/16

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

Left In: 3548.535+/-664.385 χ^2/NDF:7.9/14

Left: 2077.443+/-466.226 χ^2/NDF: 45.1/31

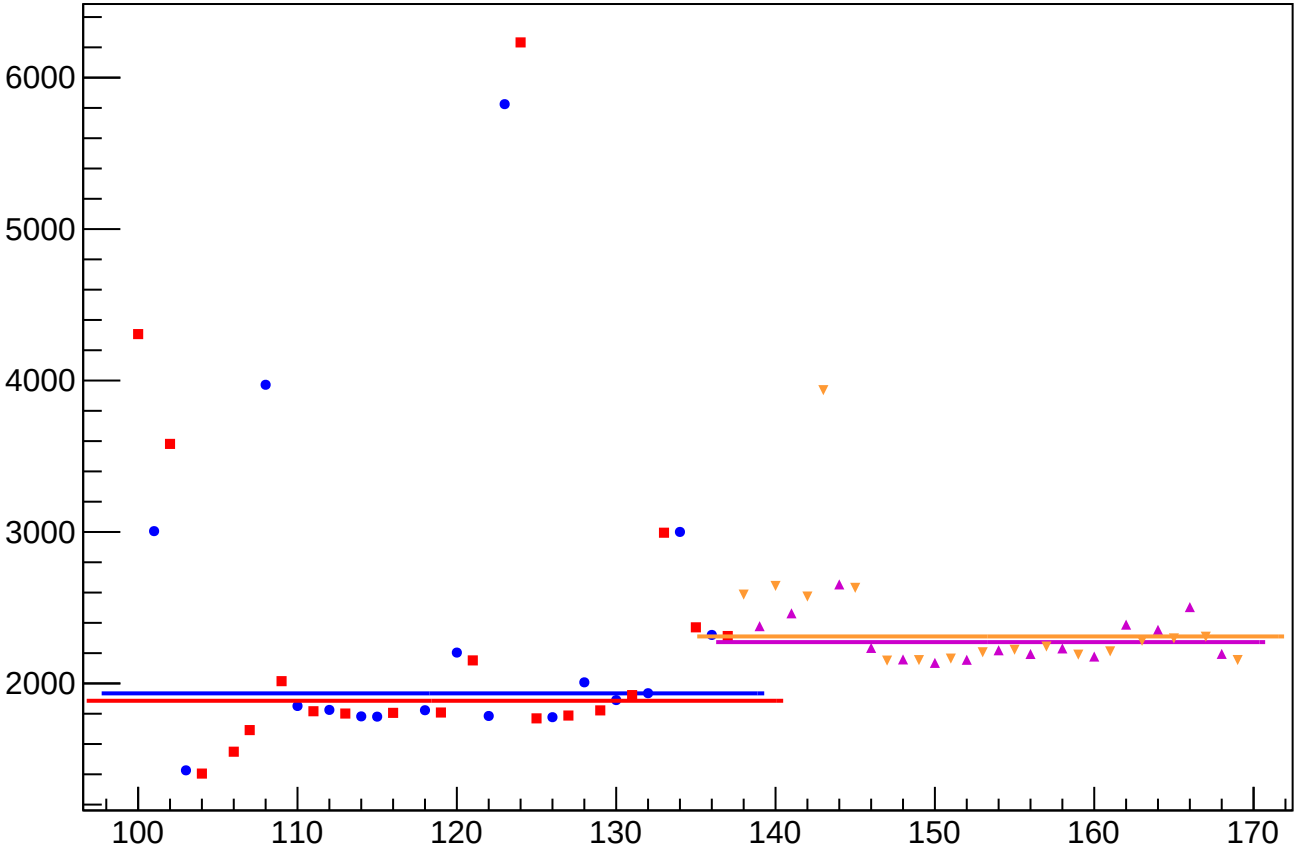
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 3098.467+/-502.544 χ^2/NDF:14.9/31

Out: 1202.650+/-489.284 χ^2/NDF:52.6/35

All: 2125.217+/-350.570 χ^2/NDF: 74.8/67

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2310.271+/-0.463 χ^2/NDF:347930.3/16

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

Left In: 2272.823+/-0.470 χ^2/NDF:88113.1/14

Left: 2291.830+/-0.330 χ^2/NDF: 439268.4/31

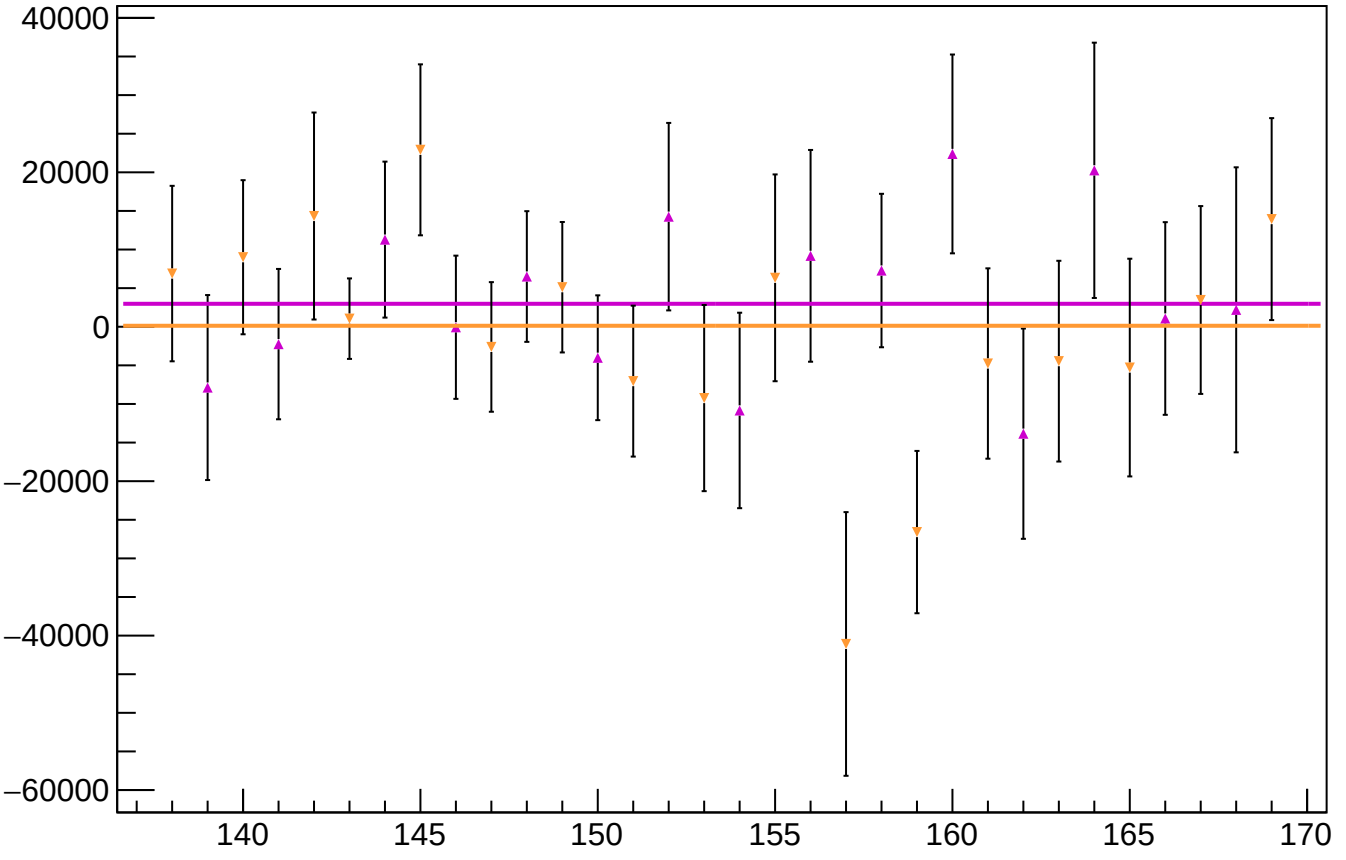
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2128.030+/-0.355 χ^2/NDF:949054.5/31

Out: 2122.932+/-0.346 χ^2/NDF:1471608.1/35

All: 2125.413+/-0.248 χ^2/NDF: 2420768.3/67

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 127.968+/-2483.928 χ^2/NDF:22.3/16

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

Left In: 2973.000+/-2873.185 χ^2/NDF:10.2/14

Left: 1344.845+/-1879.071 χ^2/NDF: 33.0/31

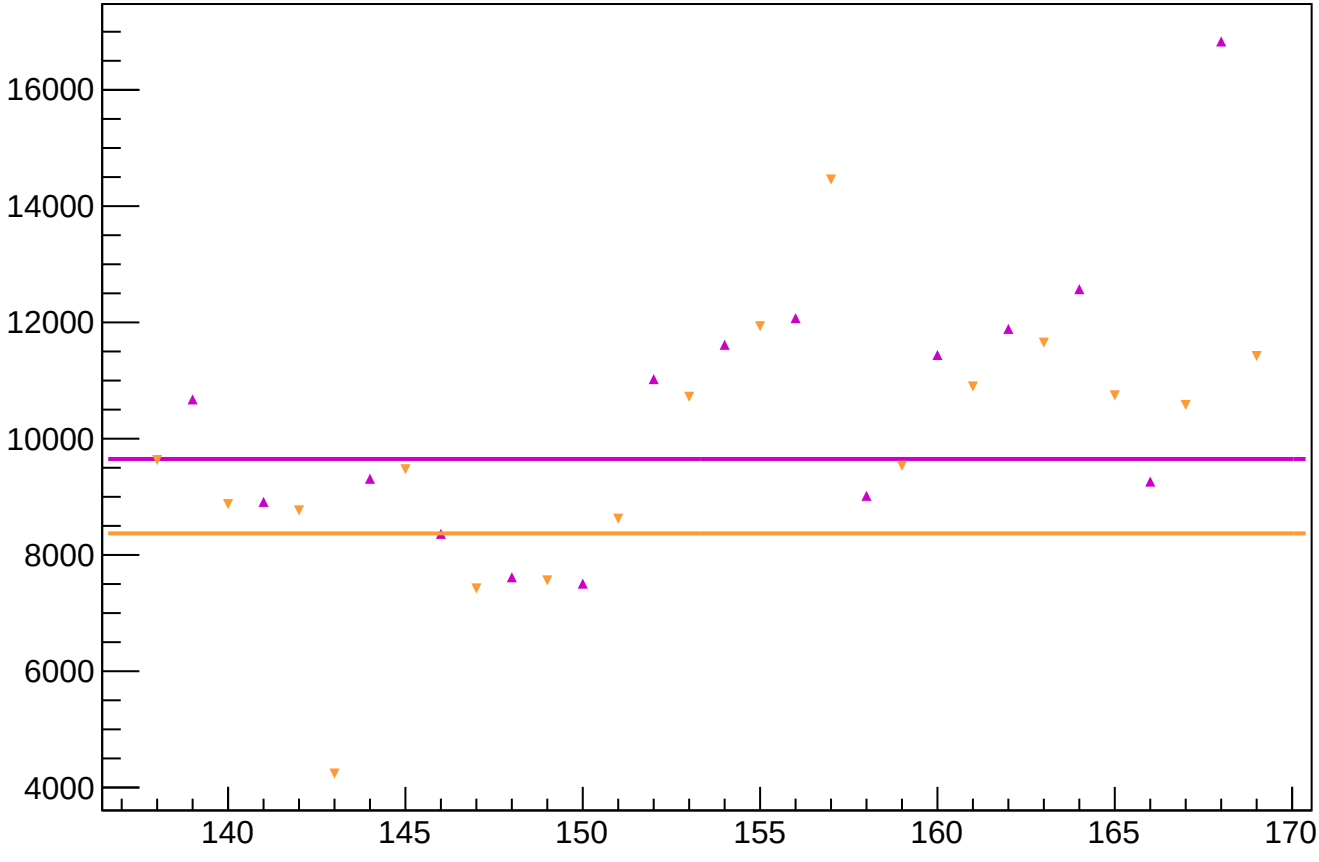
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2973.000+/-2873.185 χ^2/NDF:10.2/14

Out: 127.968+/-2483.928 χ^2/NDF:22.3/16

All: 1344.845+/-1879.071 χ^2/NDF: 33.0/31

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8371.155+/-1.756 χ^2/NDF:2292171.2/16

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

Left In: 9651.148+/-2.032 χ^2/NDF:927449.8/14

Left: 8918.633+/-1.329 χ^2/NDF: 3446778.5/31

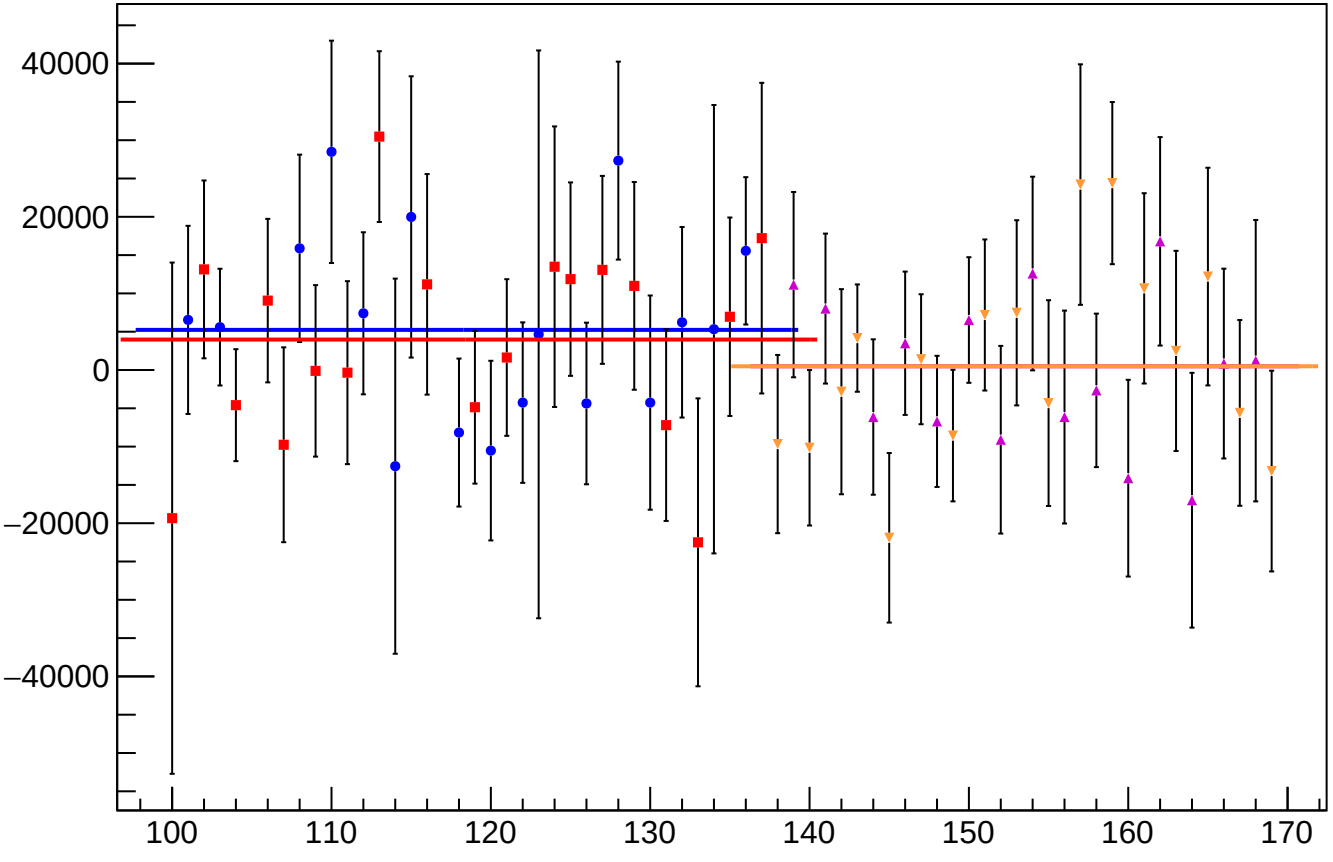
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9651.148+/-2.032 χ^2/NDF:927449.8/14

Out: 8371.155+/-1.756 χ^2/NDF:2292171.2/16

All: 8918.633+/-1.329 χ^2/NDF: 3446778.5/31

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 484.766+/-2633.088 χ^2/NDF:18.4/16

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

Left In: 487.469+/-2892.171 χ^2/NDF:8.8/14

Left: 485.991+/-1947.040 χ^2/NDF: 27.3/31

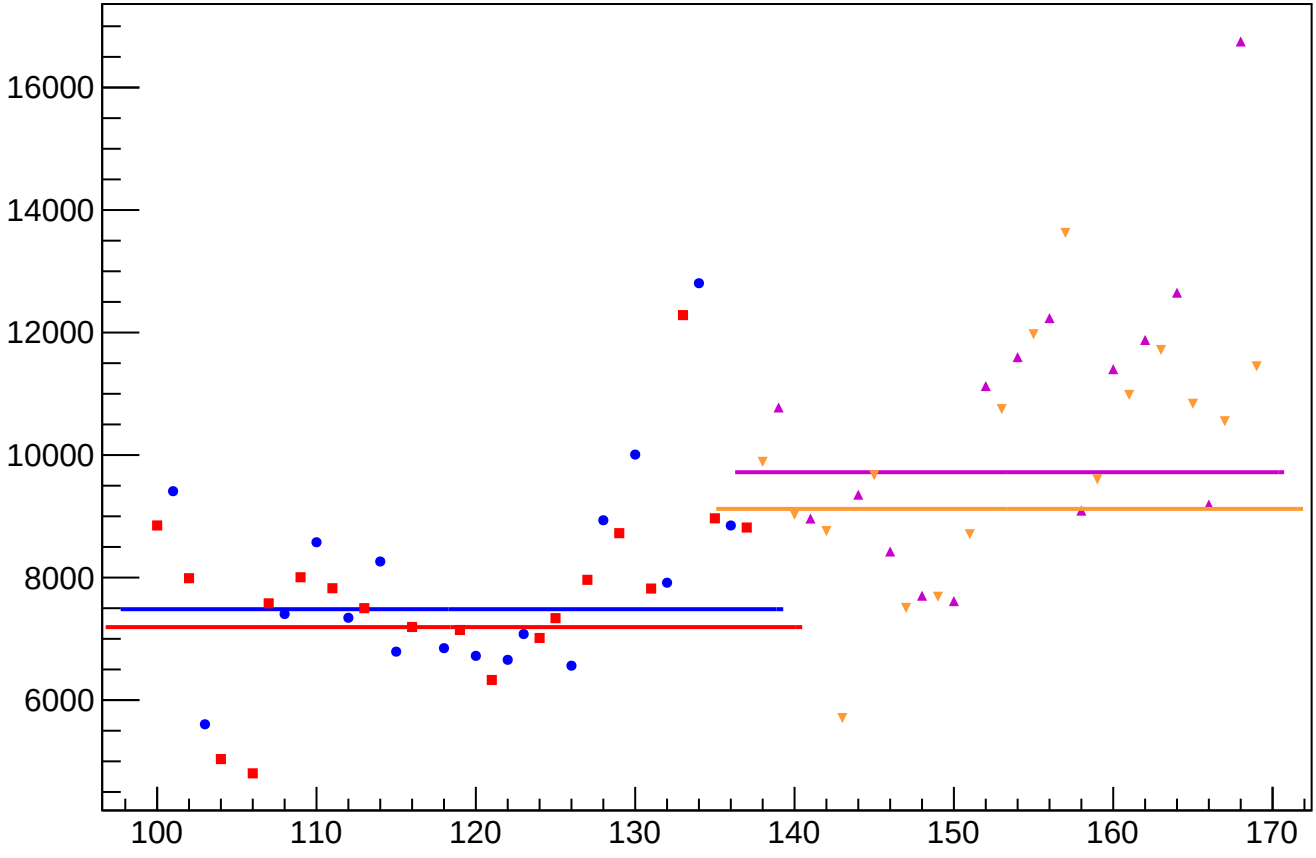
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 2819.077+/-2063.898 χ^2/NDF:24.6/31

Out: 2129.219+/-1915.081 χ^2/NDF:34.9/35

All: 2448.382+/-1403.832 χ^2/NDF: 59.6/67

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9121.358+/-1.862 χ^2/NDF:1161142.2/16

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

Left In: 9719.885+/-2.045 χ^2/NDF:898189.9/14

Left: 9392.618+/-1.377 χ^2/NDF: 2106166.7/31

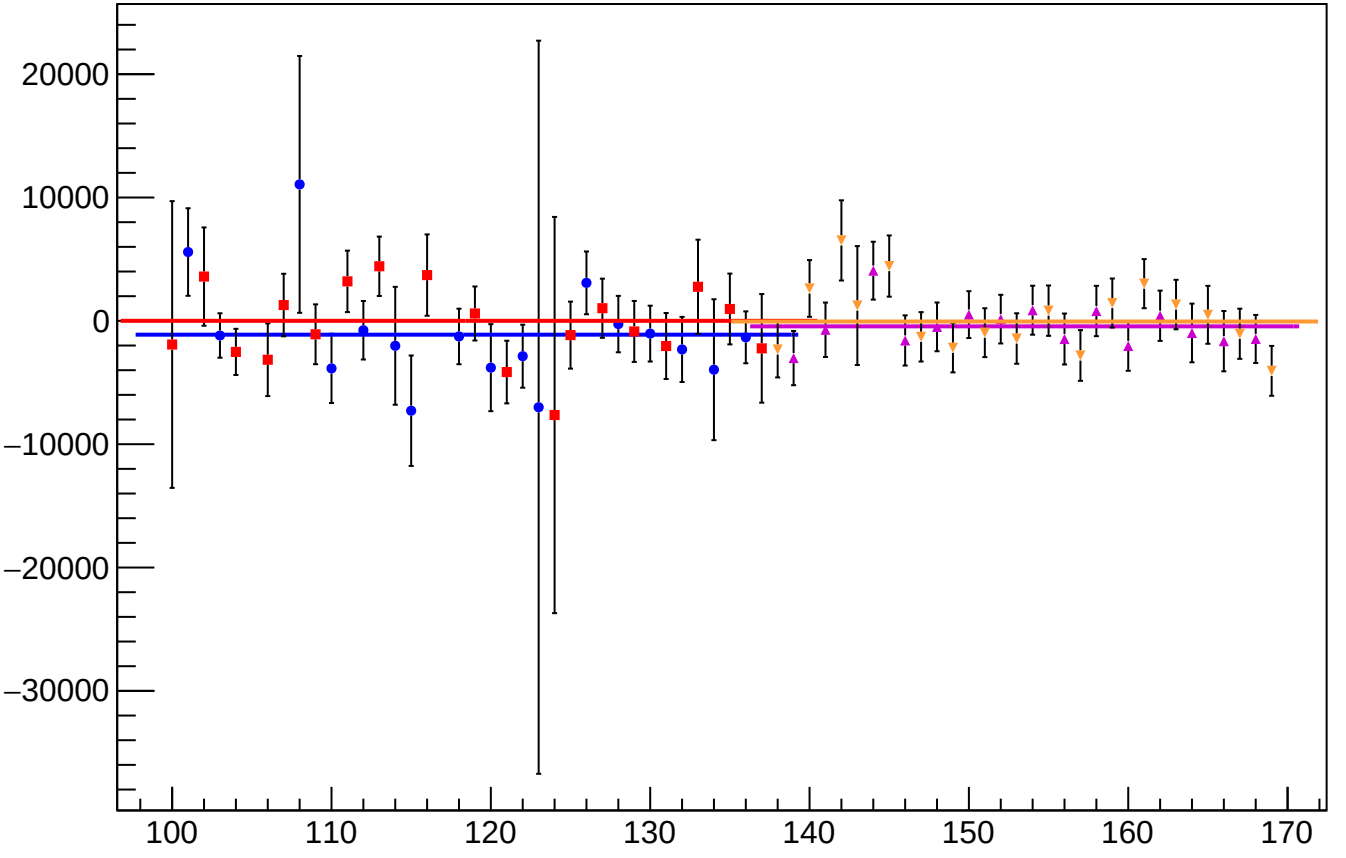
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 8622.485+/-1.459 χ^2/NDF:1916726.1/31

Out: 8212.220+/-1.354 χ^2/NDF:2226029.4/35

All: 8402.020+/-0.993 χ^2/NDF: 4185224.1/67

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -51.773+/-528.804 χ^2/NDF:21.6/16

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

Left In: -446.184+/-538.358 χ^2/NDF:8.2/14

Left: -245.448+/-377.253 χ^2/NDF: 30.0/31

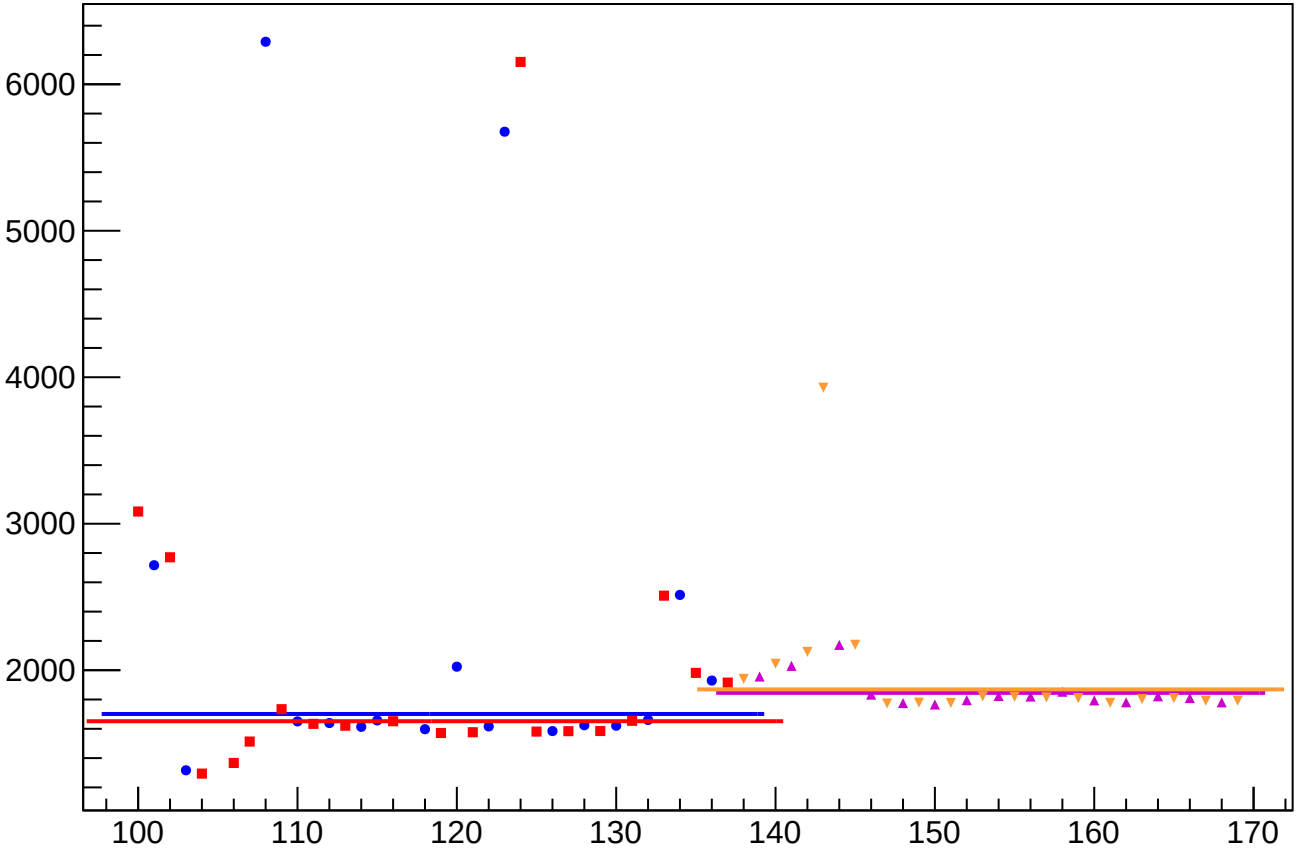
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -706.387+/-421.889 χ^2/NDF:21.0/31

Out: -29.734+/-407.570 χ^2/NDF:37.1/35

All: -356.383+/-293.127 χ^2/NDF: 59.4/67

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1868.898+/-0.374 χ^2/NDF:453239.4/16

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

Left In: 1845.421+/-0.381 χ^2/NDF:72077.0/14

Left: 1857.370+/-0.267 χ^2/NDF: 527252.1/31

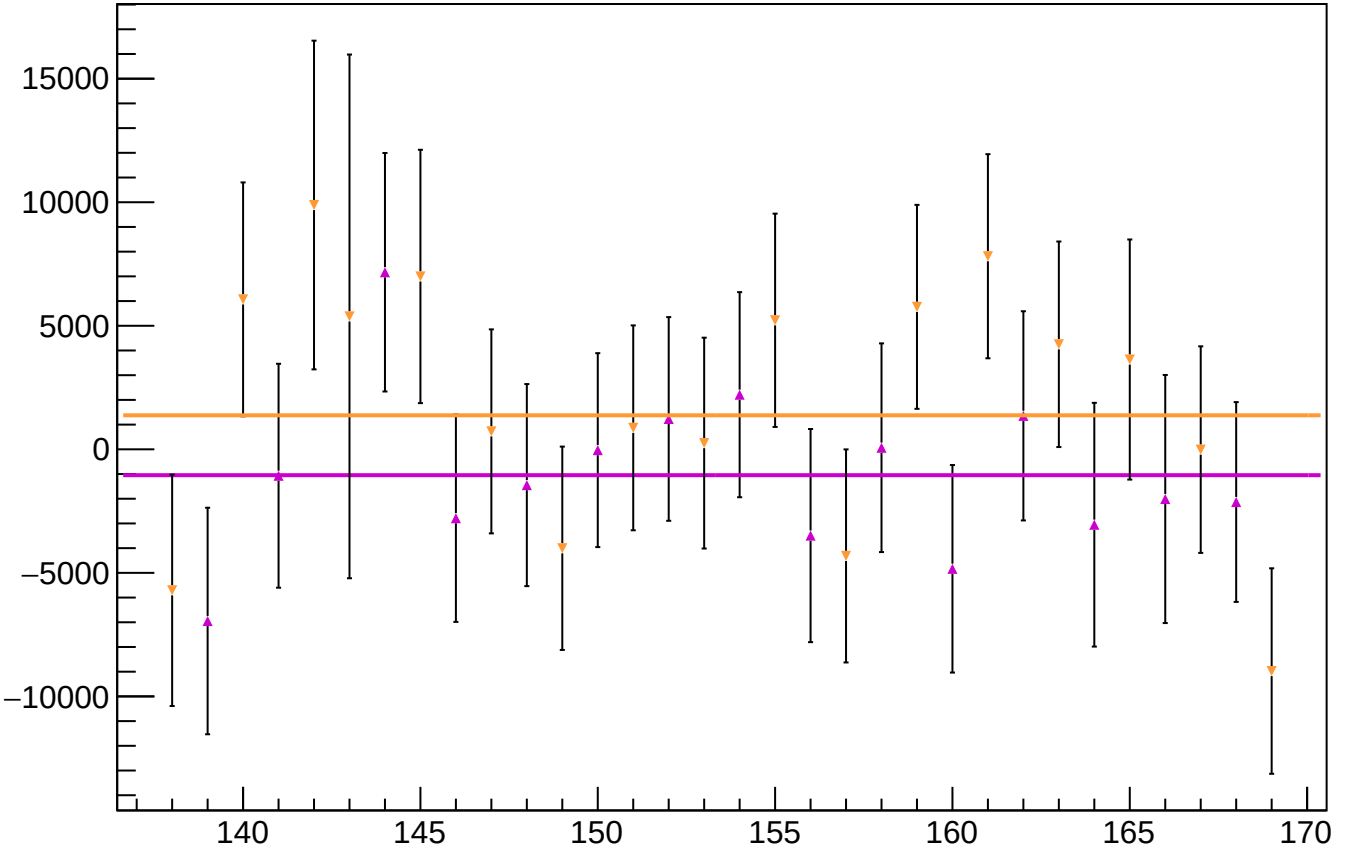
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1789.801+/-0.298 χ^2/NDF:906118.1/31

Out: 1780.738+/-0.288 χ^2/NDF:1179012.5/35

All: 1785.113+/-0.207 χ^2/NDF: 2085608.0/67

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1376.808+/-1097.227 χ^2/NDF:21.2/16

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

Left In: -1046.948+/-1116.726 χ^2/NDF:7.5/14

Left: 186.276+/-782.659 χ^2/NDF: 31.1/31

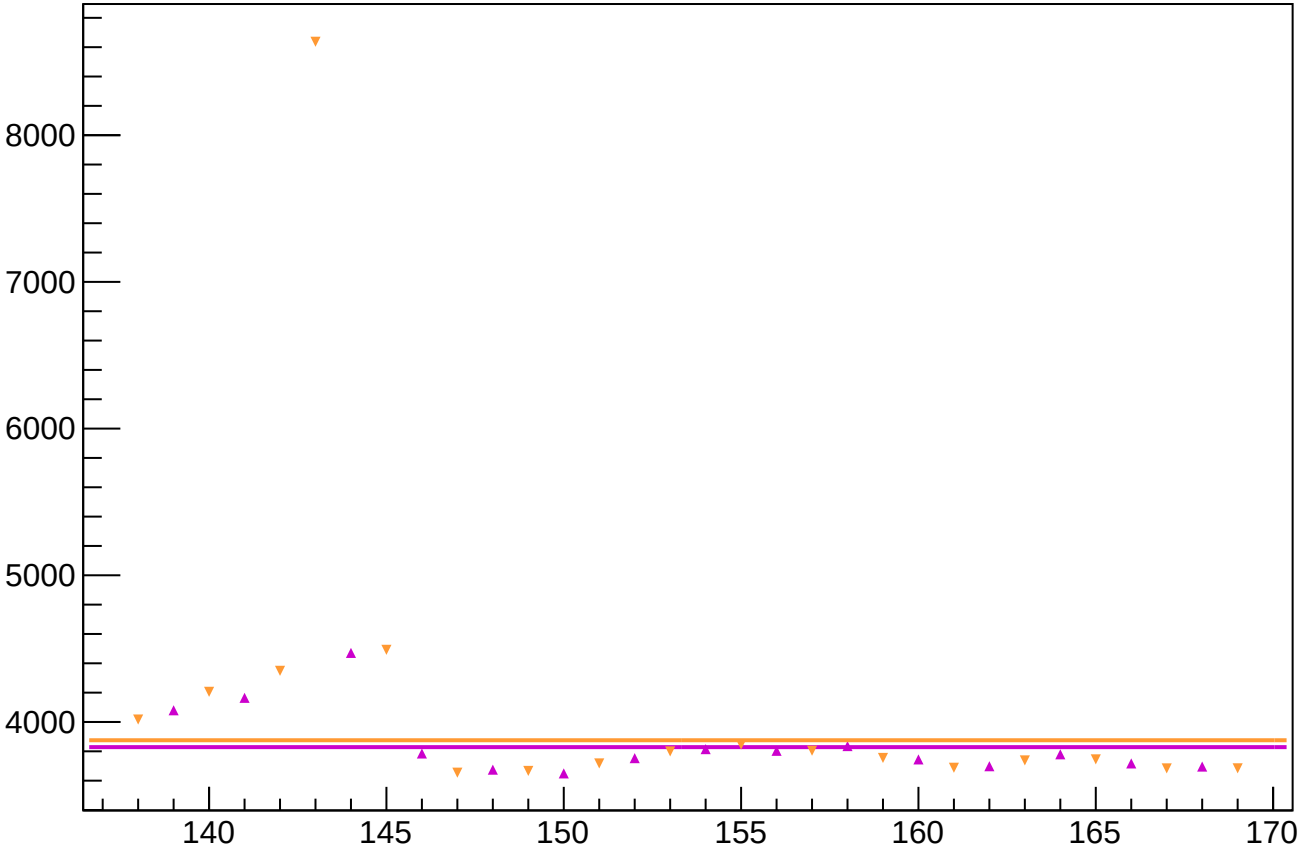
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1046.948+/-1116.726 χ^2/NDF:7.5/14

Out: 1376.808+/-1097.227 χ^2/NDF:21.2/16

All: 186.276+/-782.659 χ^2/NDF: 31.1/31

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3875.452+/-0.776 χ^2/NDF:487263.7/16

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

Left In: 3828.520+/-0.790 χ^2/NDF:66402.6/14

Left: 3852.399+/-0.553 χ^2/NDF: 555463.6/31

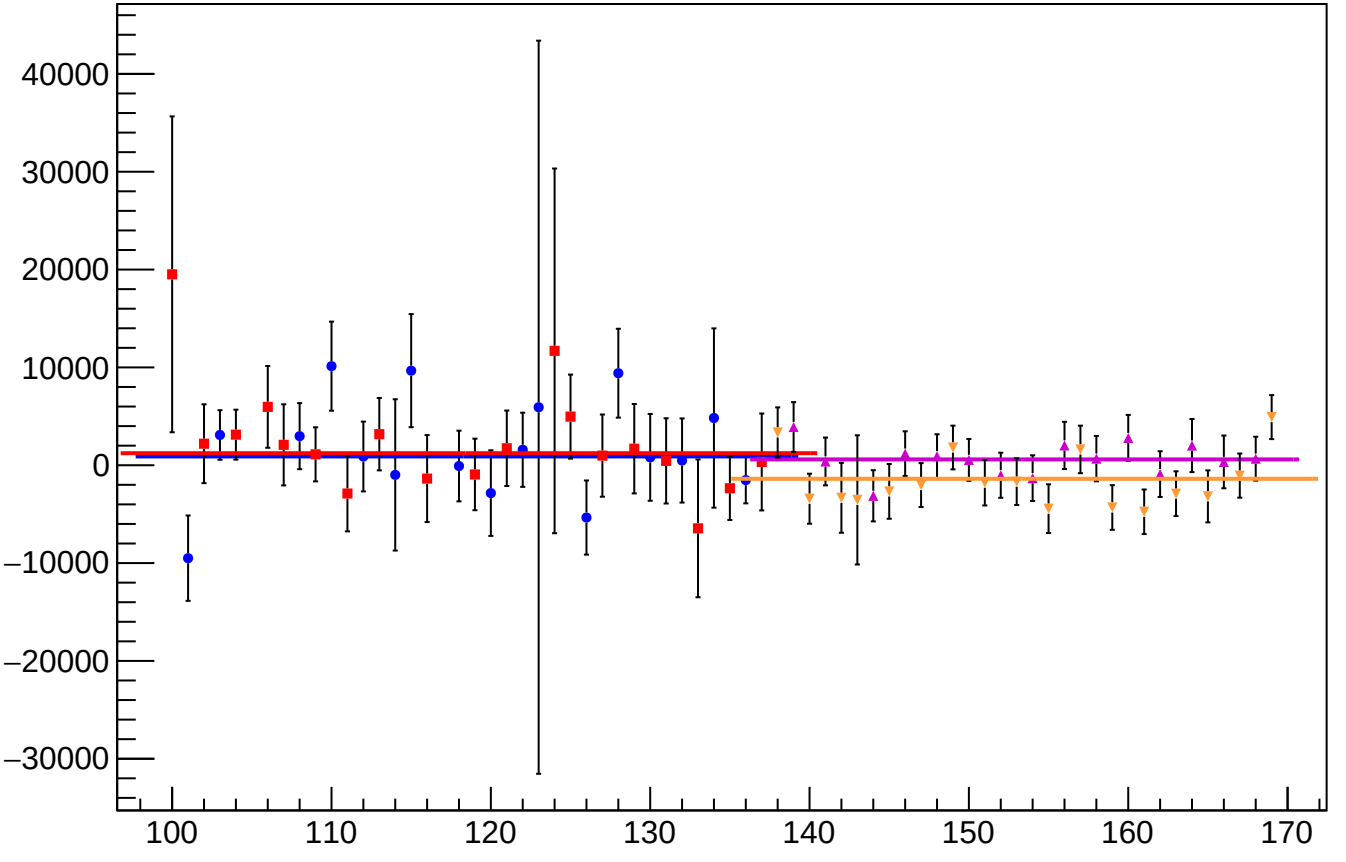
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3828.520+/-0.790 χ^2/NDF:66402.6/14

Out: 3875.452+/-0.776 χ^2/NDF:487263.7/16

All: 3852.399+/-0.553 χ^2/NDF: 555463.6/31

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1383.492+/-604.637 χ^2/NDF:22.5/16

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

Left In: 596.368+/-615.085 χ^2/NDF:6.9/14

Left: -410.520+/-431.190 χ^2/NDF: 34.7/31

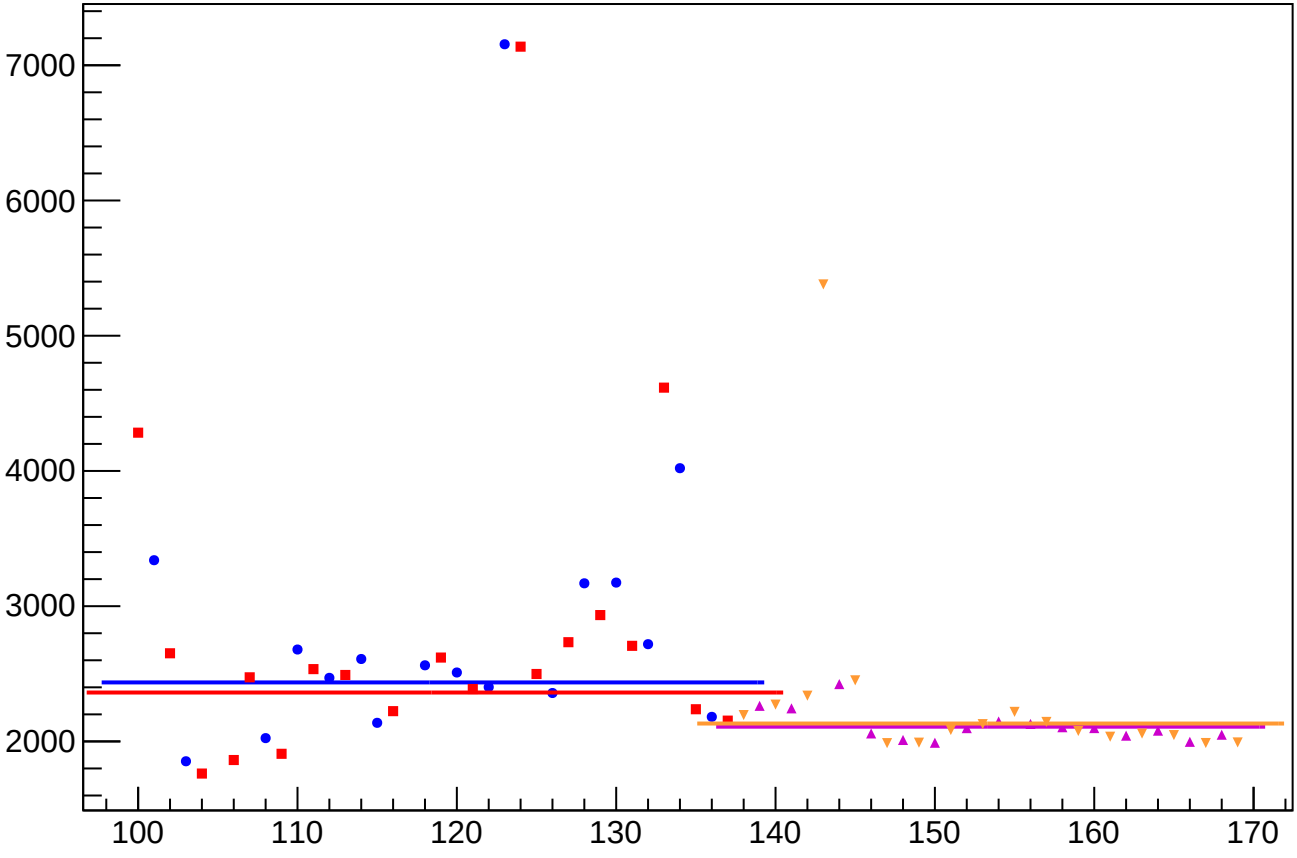
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 685.437+/-518.201 χ^2/NDF:28.6/31

Out: -600.839+/-506.110 χ^2/NDF:37.0/35

All: 27.118+/-362.073 χ^2/NDF: 68.7/67

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2132.228+/-0.428 χ^2/NDF:568061.9/16

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

Left In: 2108.996+/-0.435 χ^2/NDF:60912.0/14

Left: 2120.811+/-0.305 χ^2/NDF: 630424.9/31

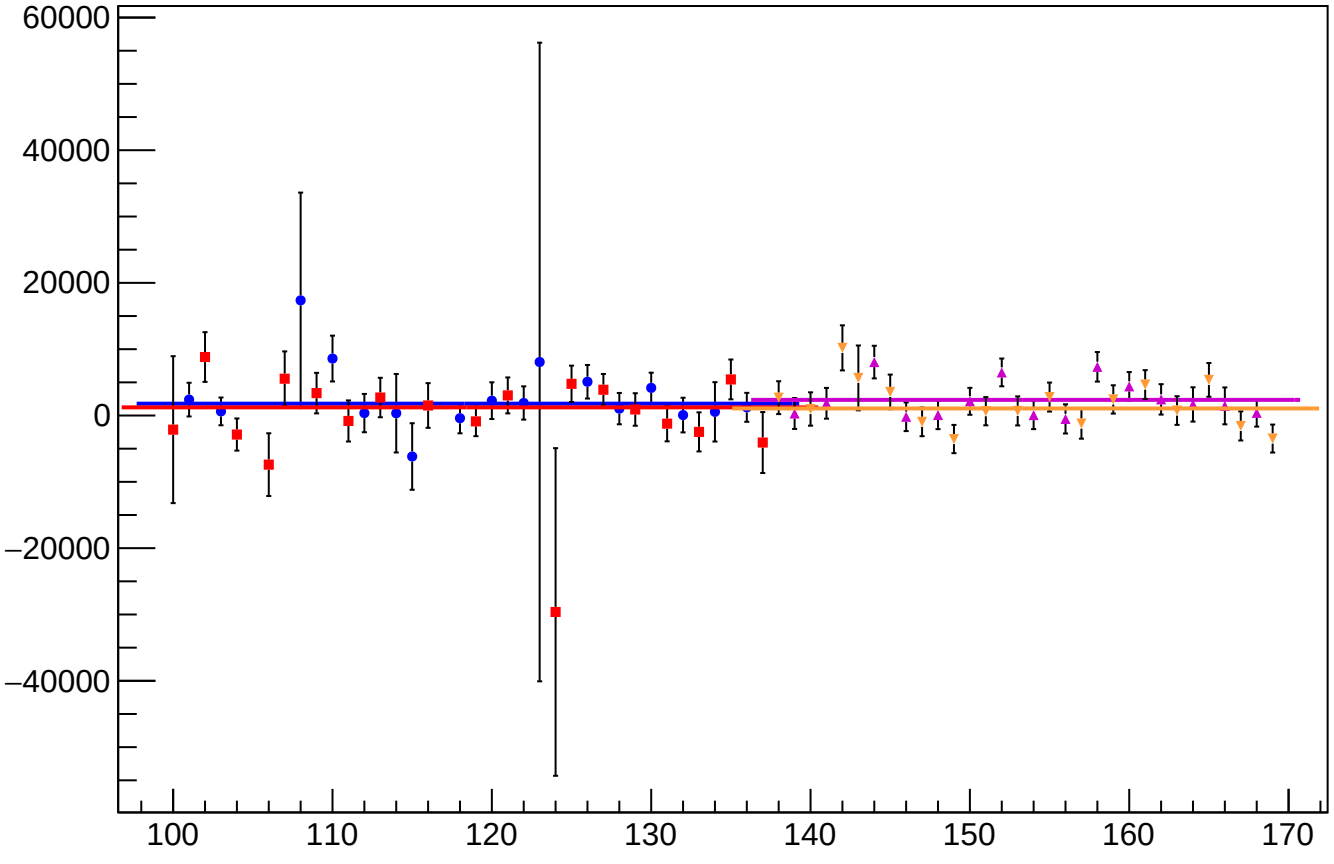
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2203.973+/-0.366 χ^2/NDF:693776.0/31

Out: 2200.878+/-0.358 χ^2/NDF:1310036.3/35

All: 2202.389+/-0.256 χ^2/NDF: 2003848.8/67

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1064.907+/-568.614 χ^2/NDF:28.8/16

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

Left In: 2357.570+/-578.637 χ^2/NDF:22.5/14

Left: 1699.946+/-405.568 χ^2/NDF: 53.8/31

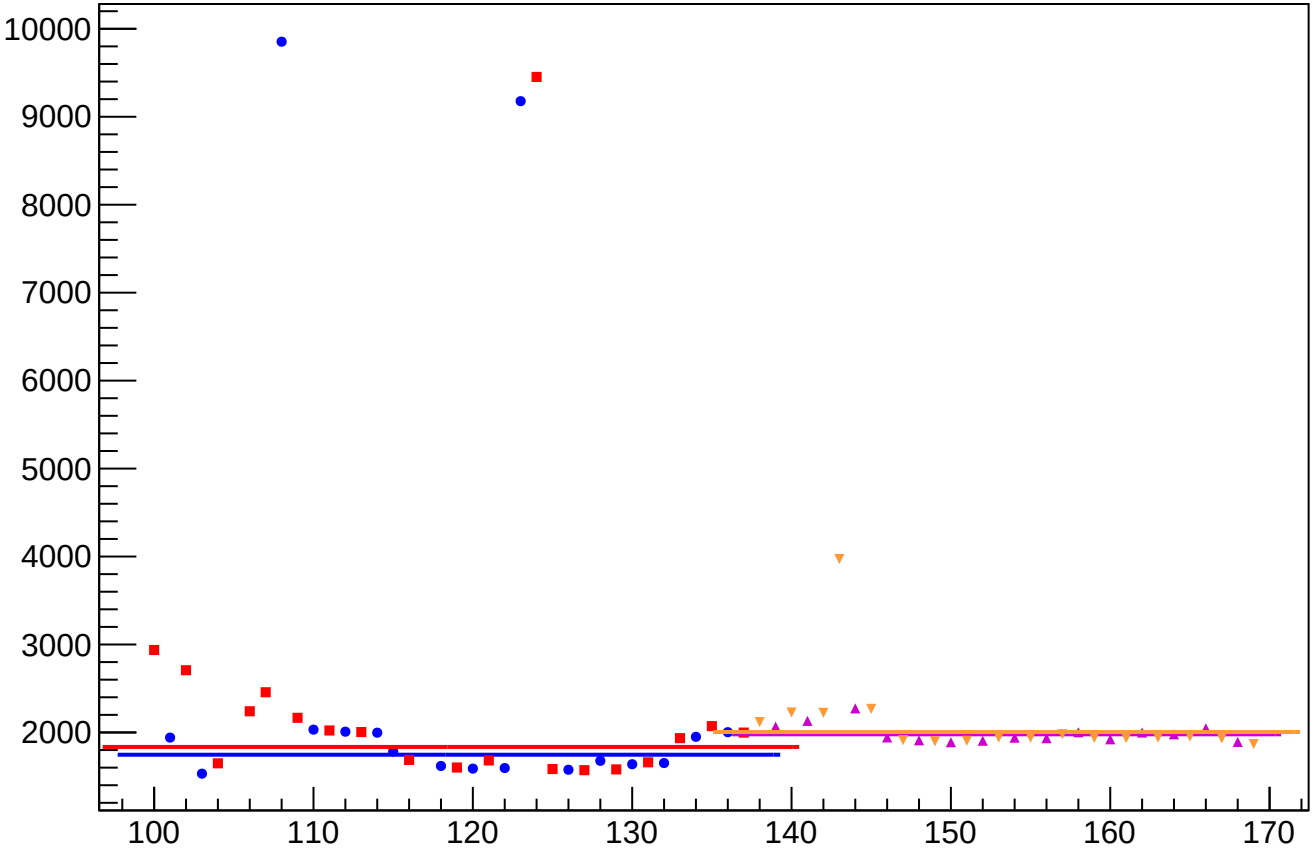
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 2122.313+/-444.531 χ^2/NDF:35.3/31

Out: 1129.347+/-443.371 χ^2/NDF:53.1/35

All: 1624.533+/-313.920 χ^2/NDF: 90.9/67

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2004.909+/-0.402 χ^2/NDF:405701.4/16

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

Left In: 1978.872+/-0.409 χ^2/NDF:56935.5/14

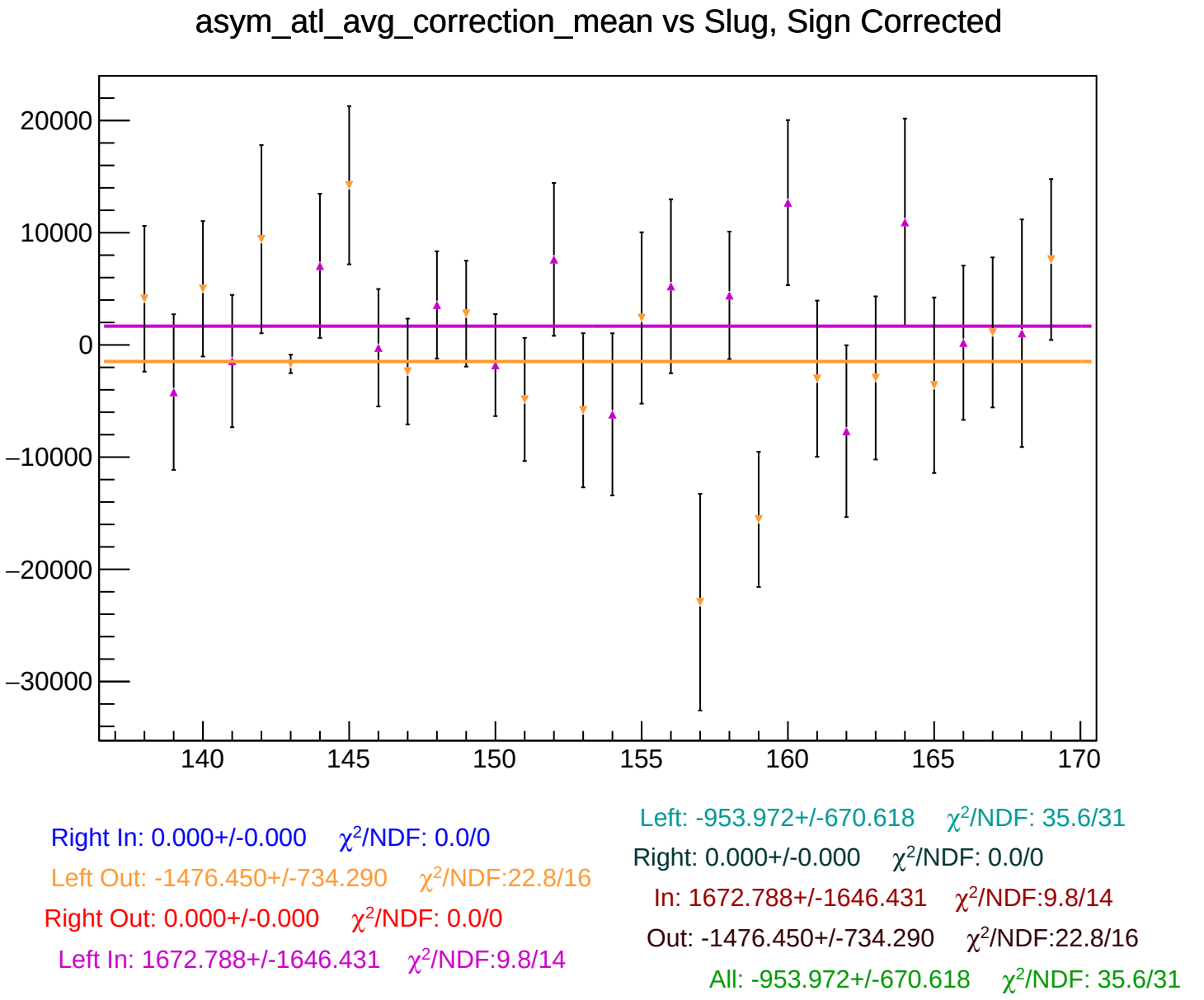
Left: 1992.118+/-0.287 χ^2/NDF: 464696.9/31

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

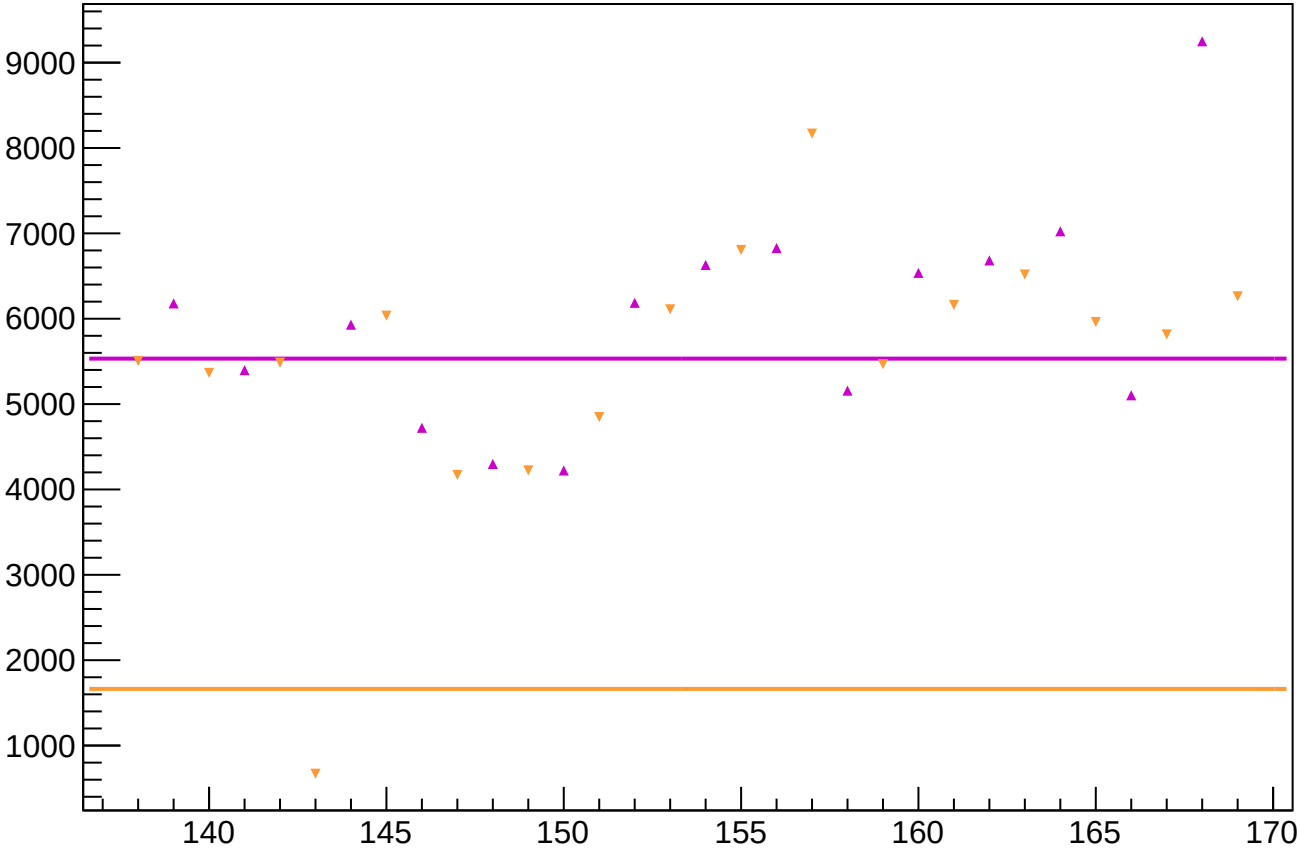
In: 1883.782+/-0.314 χ^2/NDF:871218.0/31

Out: 1938.369+/-0.313 χ^2/NDF:1025869.1/35

All: 1911.159+/-0.222 χ^2/NDF: 1912212.8/67


asym_atl_avg_correction_mean vs Slug, Sign Corrected
20000
10000
0
−10000
−20000
−30000
140
145
150
155
160
165
170
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -1476.450+/-734.290 χ²/NDF:22.8/16
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 1672.788+/-1646.431 χ²/NDF:9.8/14
Left: -953.972+/-670.618 χ²/NDF: 35.6/31
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 1672.788+/-1646.431 χ²/NDF:9.8/14
Out: -1476.450+/-734.290 χ²/NDF:22.8/16
All: -953.972+/-670.618 χ²/NDF: 35.6/31

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1663.640+/-0.519 χ^2/NDF:14746121.4/16

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

Left In: 5532.554+/-1.164 χ^2/NDF:913771.1/14

Left: 2305.517+/-0.474 χ^2/NDF: 24871507.5/31

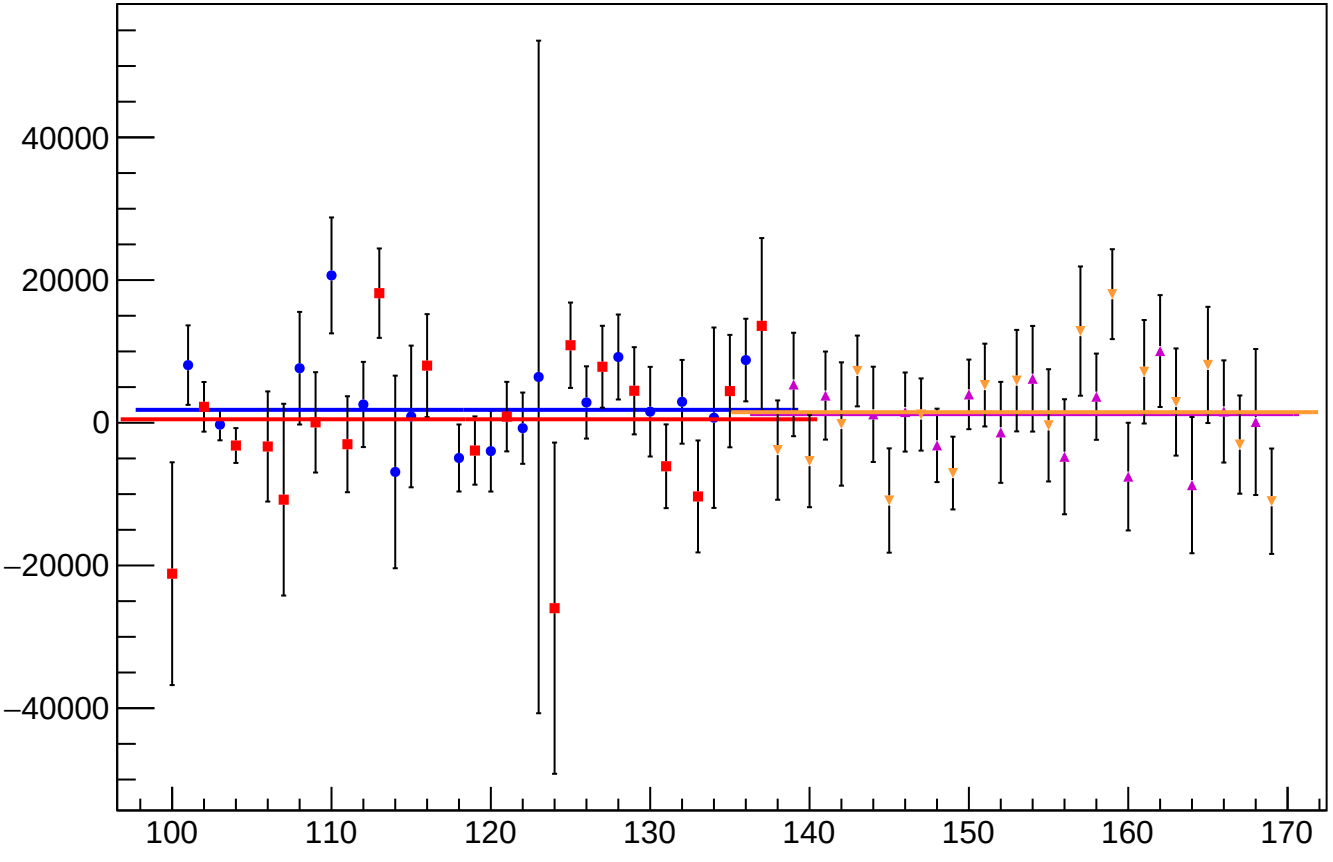
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5532.554+/-1.164 χ^2/NDF:913771.1/14

Out: 1663.640+/-0.519 χ^2/NDF:14746121.4/16

All: 2305.517+/-0.474 χ^2/NDF: 24871507.5/3

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1485.334+/-1603.054 χ^2/NDF:22.7/16

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

Left In: 1210.300+/-1728.100 χ^2/NDF:6.6/14

Left: 1358.127+/-1175.253 χ^2/NDF: 29.3/31

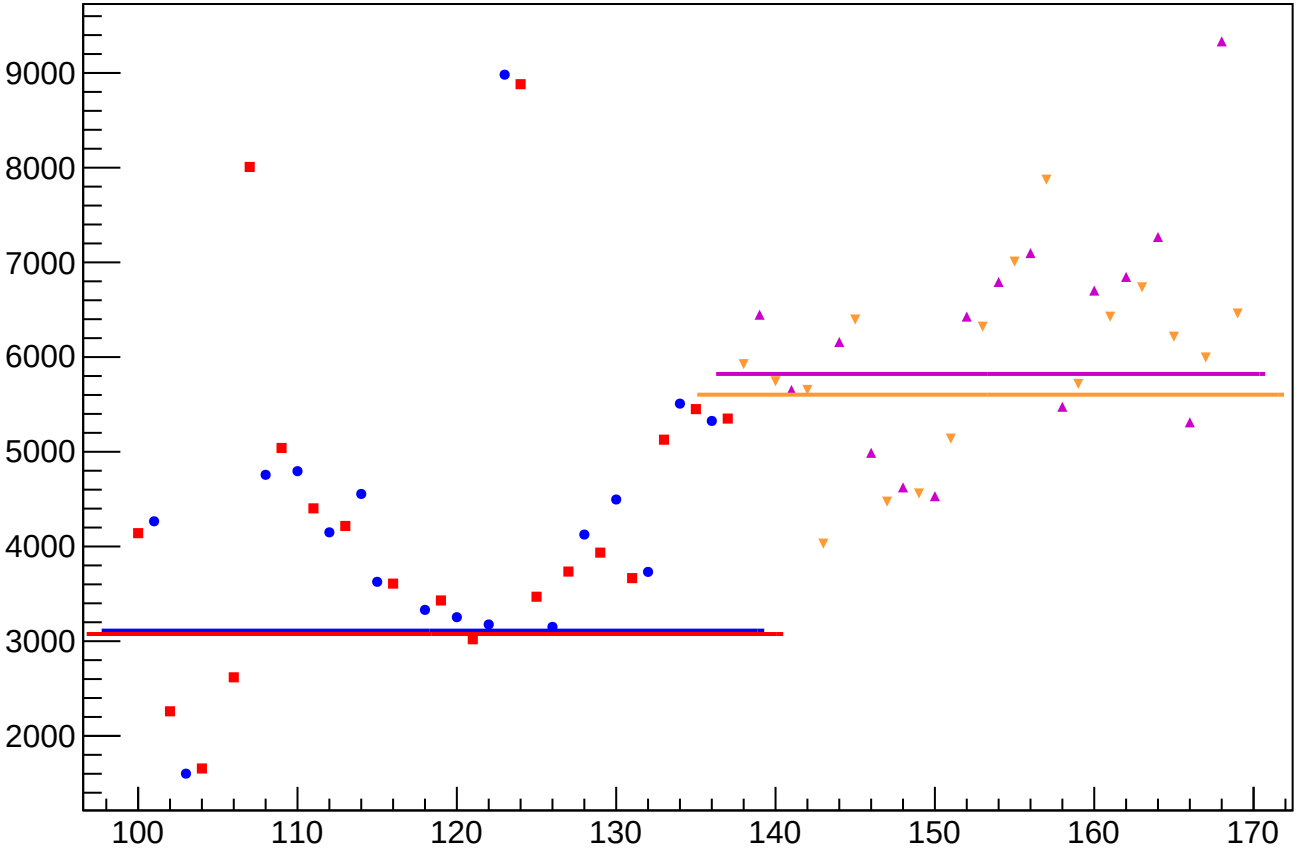
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 1595.716+/-1039.535 χ^2/NDF:21.6/31

Out: 878.765+/-1003.145 χ^2/NDF:49.4/35

All: 1224.472+/-721.853 χ^2/NDF: 71.3/67

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5602.976+/-1.134 χ^2/NDF:752599.5/16

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

Left In: 5822.004+/-1.222 χ^2/NDF:773547.7/14

Left: 5704.279+/-0.831 χ^2/NDF: 1543416.0/31

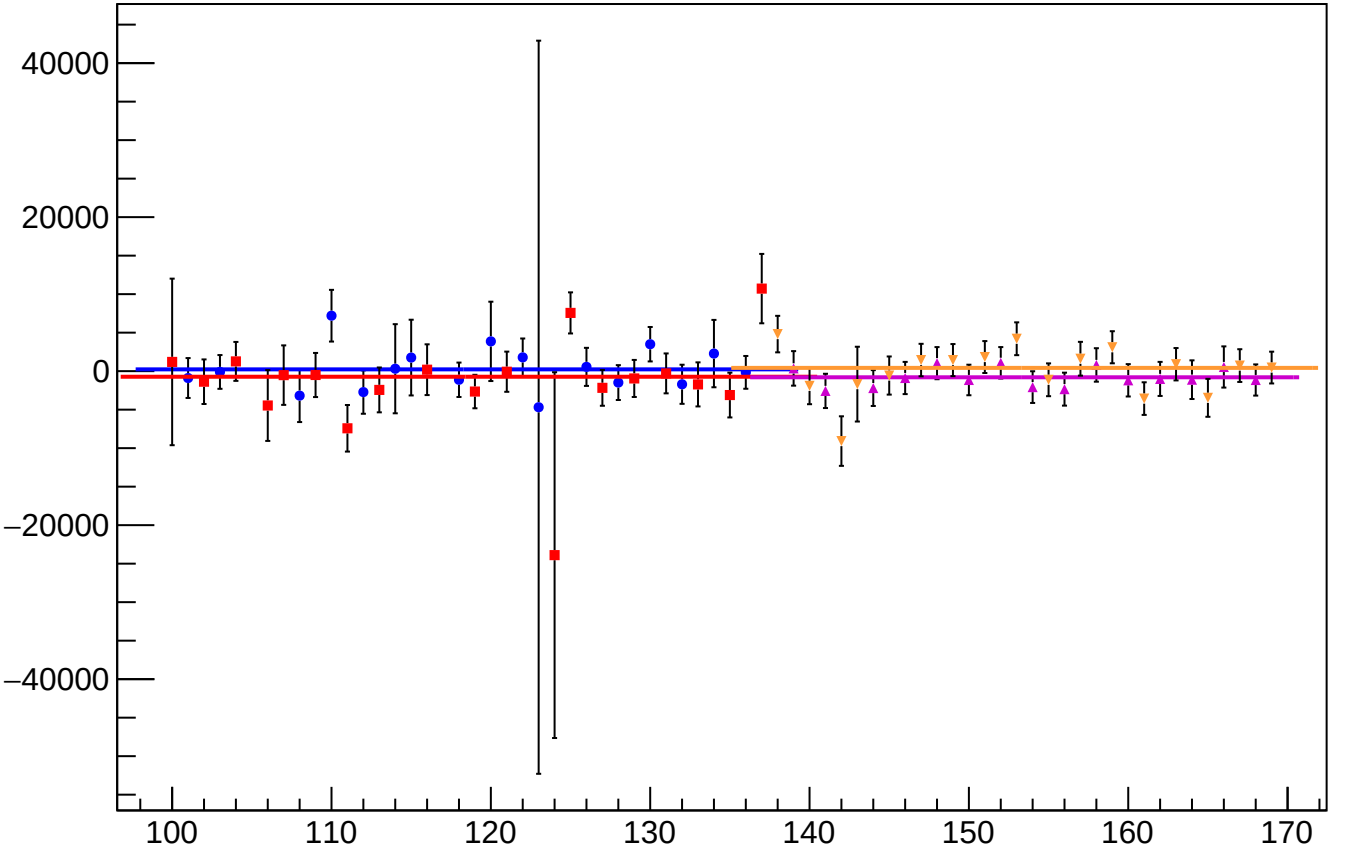
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 4092.356+/-0.735 χ^2/NDF:5792257.2/31

Out: 4047.917+/-0.703 χ^2/NDF:5820710.4/35

All: 4069.147+/-0.508 χ^2/NDF: 11614876.4/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 423.942+/-551.065 χ^2/NDF:26.1/16

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

Left In: -797.885+/-561.033 χ^2/NDF:4.7/14

Left: -176.020+/-393.139 χ^2/NDF: 33.2/31

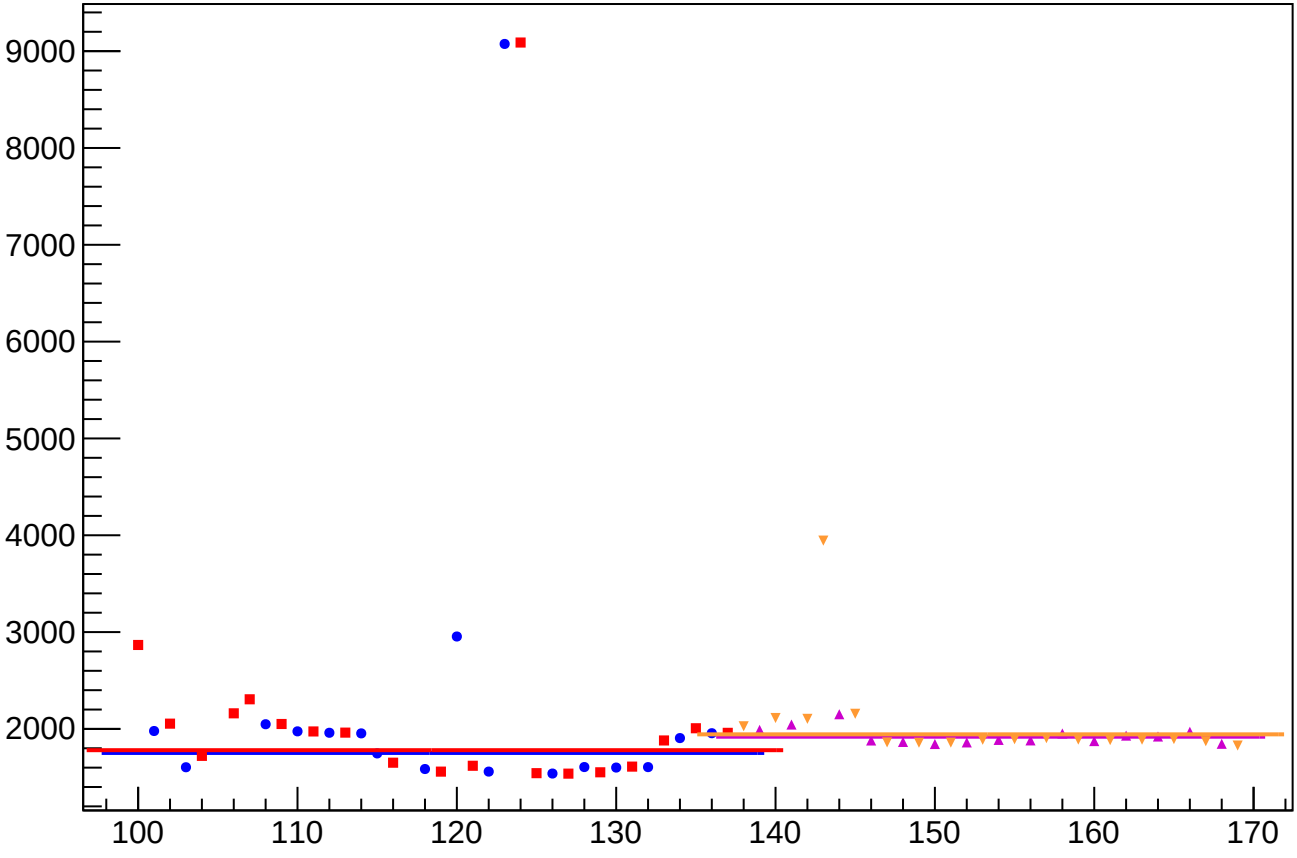
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -385.559+/-434.489 χ^2/NDF:17.6/31

Out: -28.600+/-429.167 χ^2/NDF:53.6/35

All: -204.880+/-305.331 χ^2/NDF: 71.6/67

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1943.866+/-0.390 χ^2/NDF:398399.5/16

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

Left In: 1919.670+/-0.397 χ^2/NDF:40764.3/14

Left: 1931.985+/-0.278 χ^2/NDF: 441057.3/31

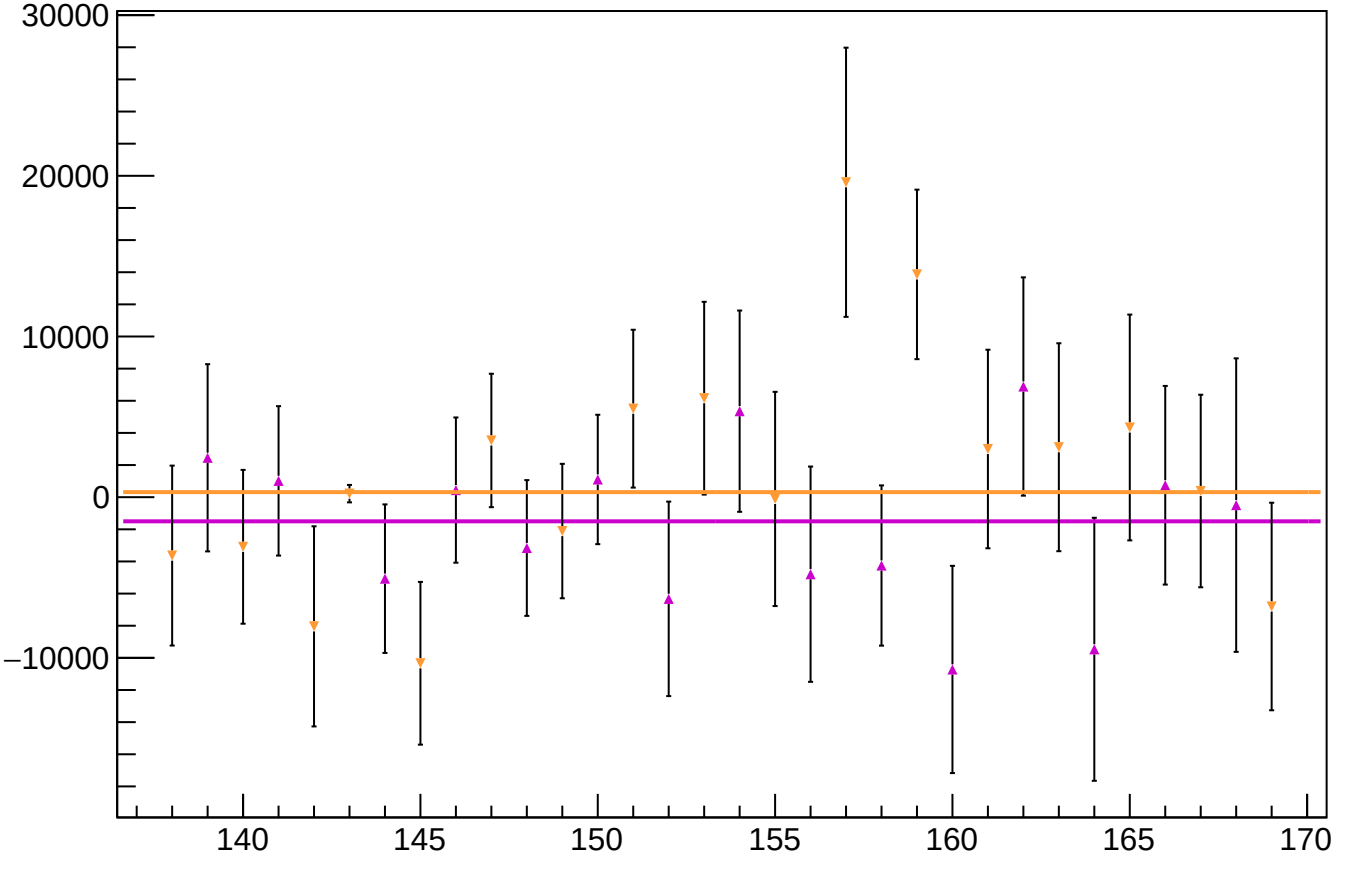
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1852.502+/-0.307 χ^2/NDF:413285.7/31

Out: 1879.347+/-0.303 χ^2/NDF:896269.6/35

All: 1866.098+/-0.216 χ^2/NDF: 1313422.0/67

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 315.343+/-505.586 χ^2/NDF:24.1/16

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

Left In: -1502.533+/-1409.553 χ^2/NDF:9.1/14

Left: 108.124+/-475.899 χ^2/NDF: 34.7/31

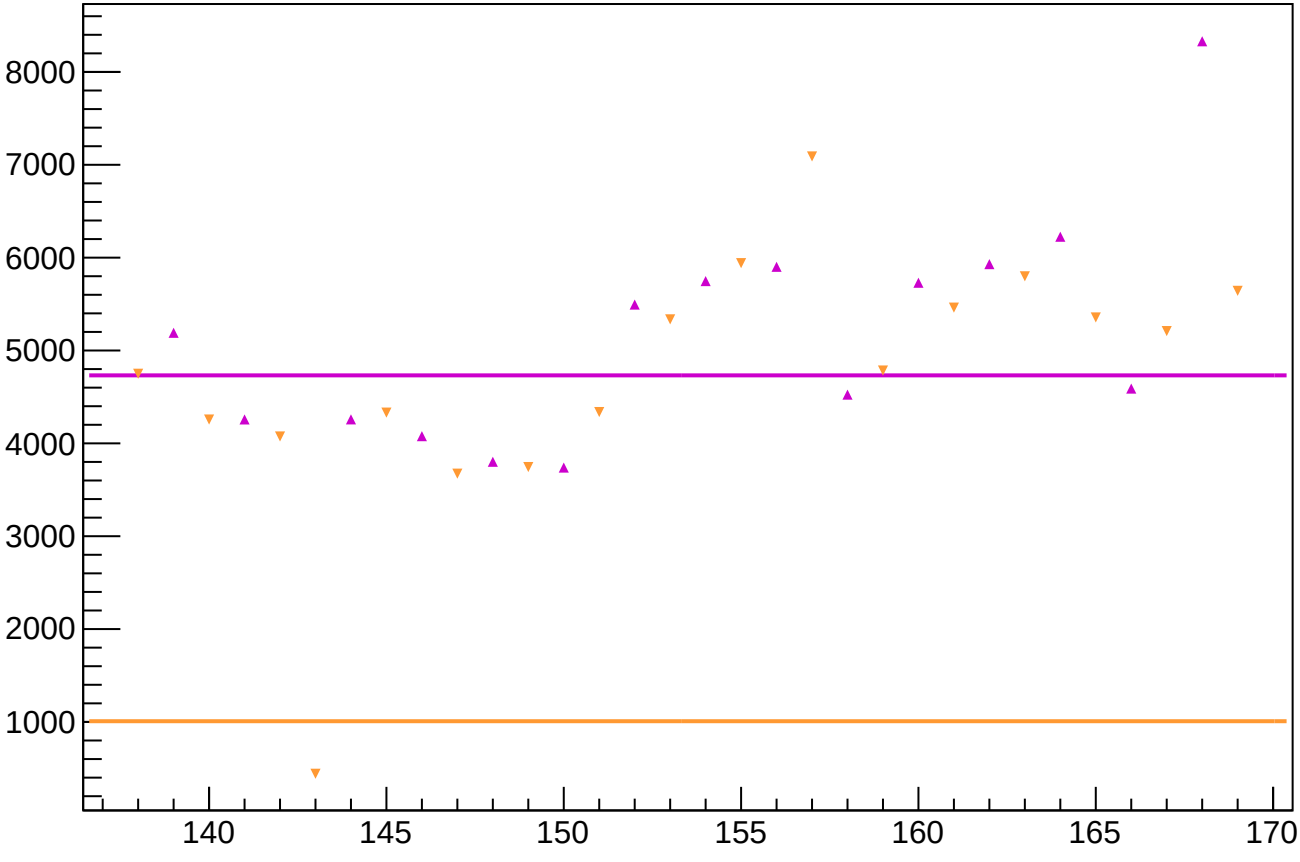
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1502.533+/-1409.553 χ^2/NDF:9.1/14

Out: 315.343+/-505.586 χ^2/NDF:24.1/16

All: 108.124+/-475.899 χ^2/NDF: 34.7/31

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1007.657+/-0.358 χ^2/NDF:17066365.3/16

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

Left In: 4732.249+/-0.997 χ^2/NDF:951680.7/14

Left: 1432.223+/-0.337 χ^2/NDF: 30390717.7/31

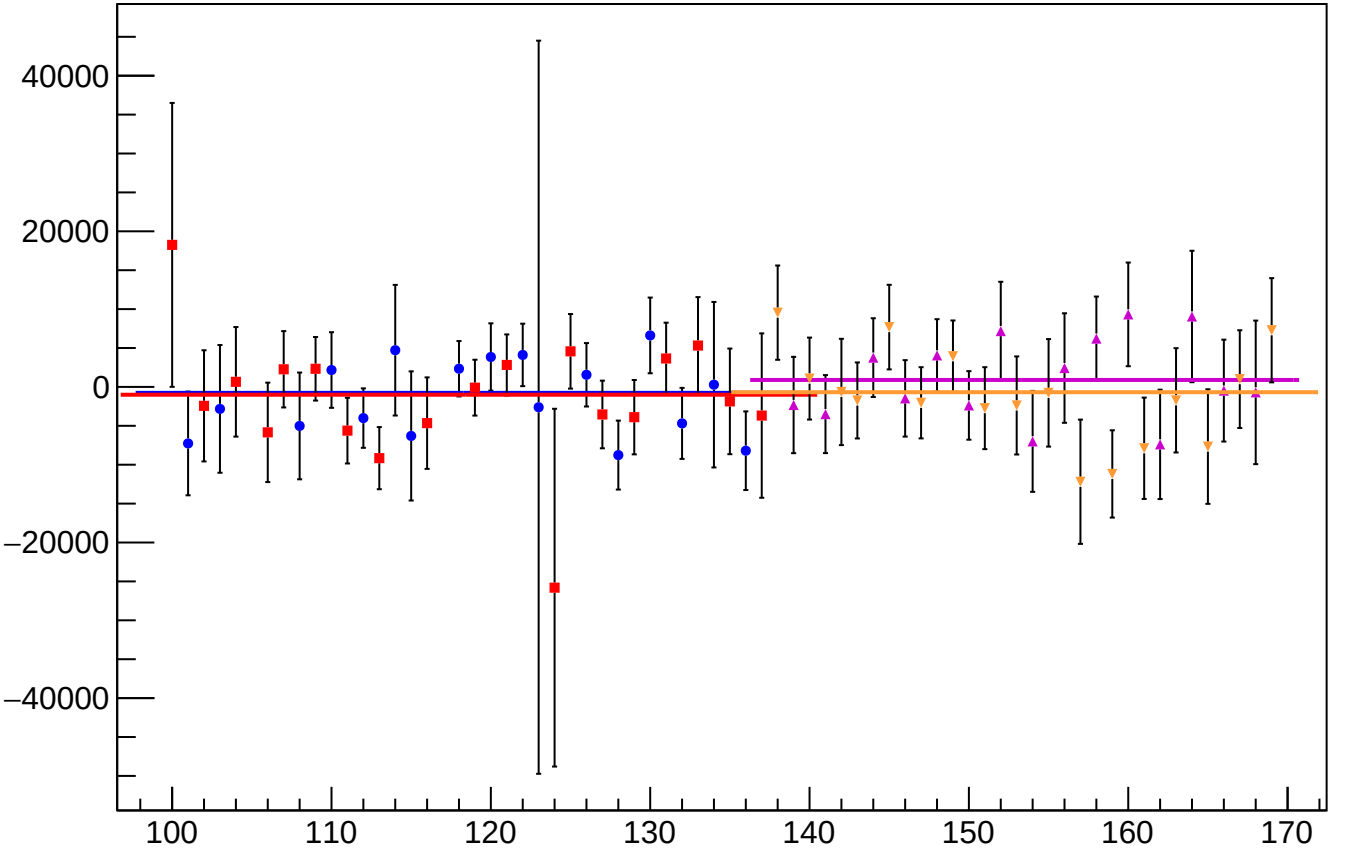
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4732.249+/-0.997 χ^2/NDF:951680.7/14

Out: 1007.657+/-0.358 χ^2/NDF:17066365.3/16

All: 1432.223+/-0.337 χ^2/NDF: 30390717.7/3

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -681.276+/-1418.460 χ^2/NDF:15.9/16

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

Left In: 894.298+/-1509.341 χ^2/NDF:10.1/14

Left: 57.651+/-1033.639 χ^2/NDF: 26.6/31

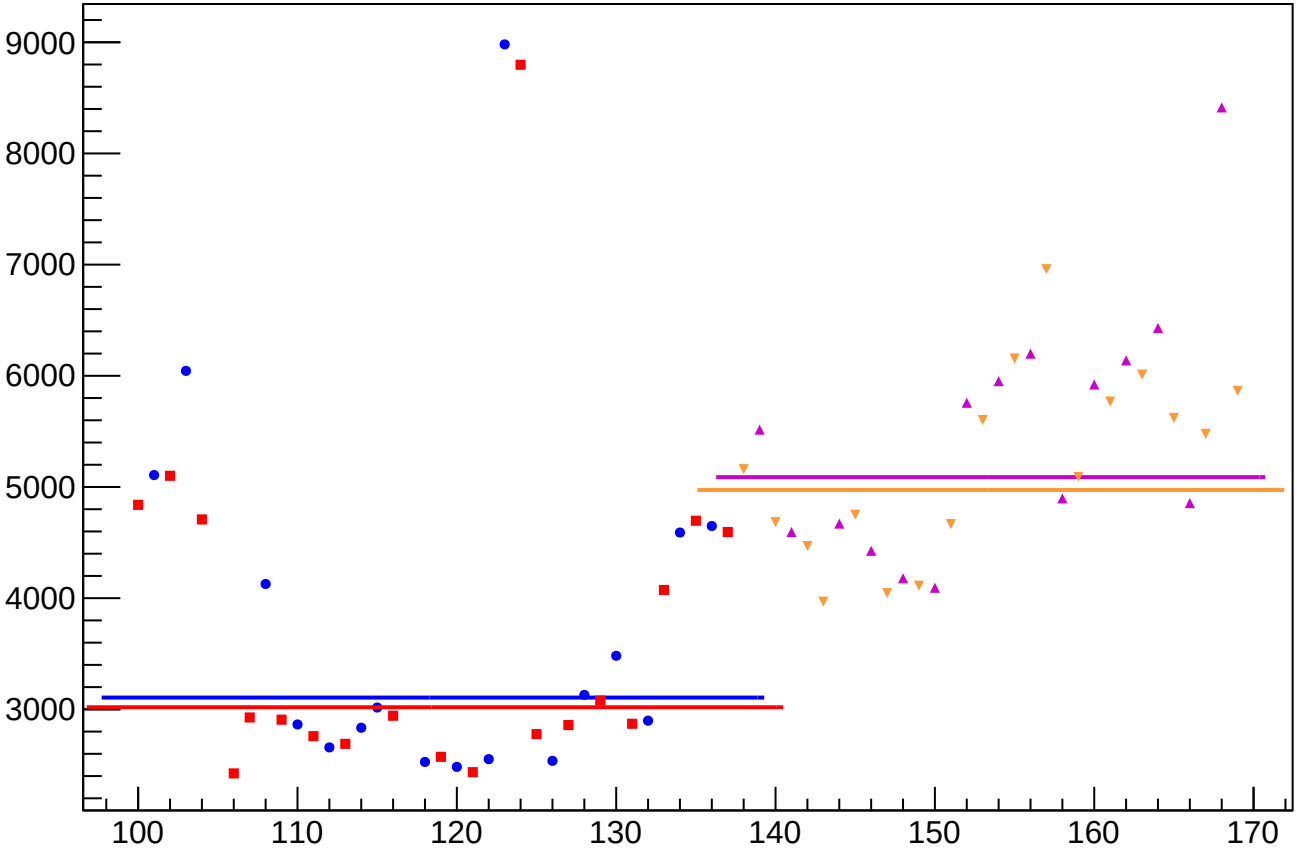
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -91.473+/-961.664 χ^2/NDF:26.3/31

Out: -871.006+/-912.167 χ^2/NDF:31.0/35

All: -501.816+/-661.806 χ^2/NDF: 57.6/67

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4973.228+/-1.003 χ^2/NDF:610563.1/16

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

Left In: 5088.686+/-1.067 χ^2/NDF:756128.3/14

Left: 5027.377+/-0.731 χ^2/NDF: 1372906.0/31

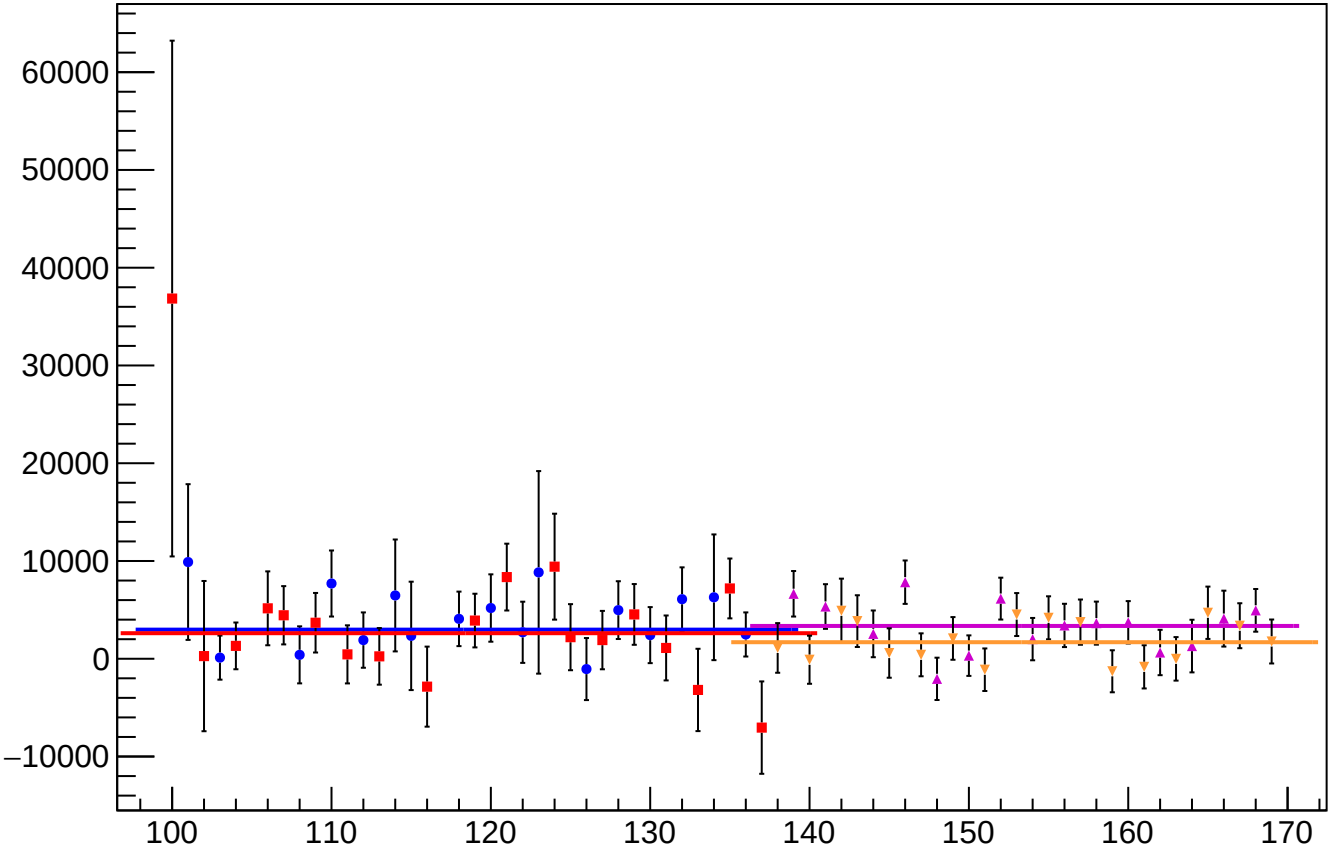
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3910.776+/-0.680 χ^2/NDF:3766429.3/31

Out: 3815.164+/-0.640 χ^2/NDF:3654685.1/35

All: 3860.094+/-0.466 χ^2/NDF: 7431594.2/67

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1692.736+/-568.750 χ^2/NDF:13.8/16

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

Left In: 3356.423+/-586.173 χ^2/NDF:20.0/14

Left: 2499.487+/-408.188 χ^2/NDF: 38.0/31

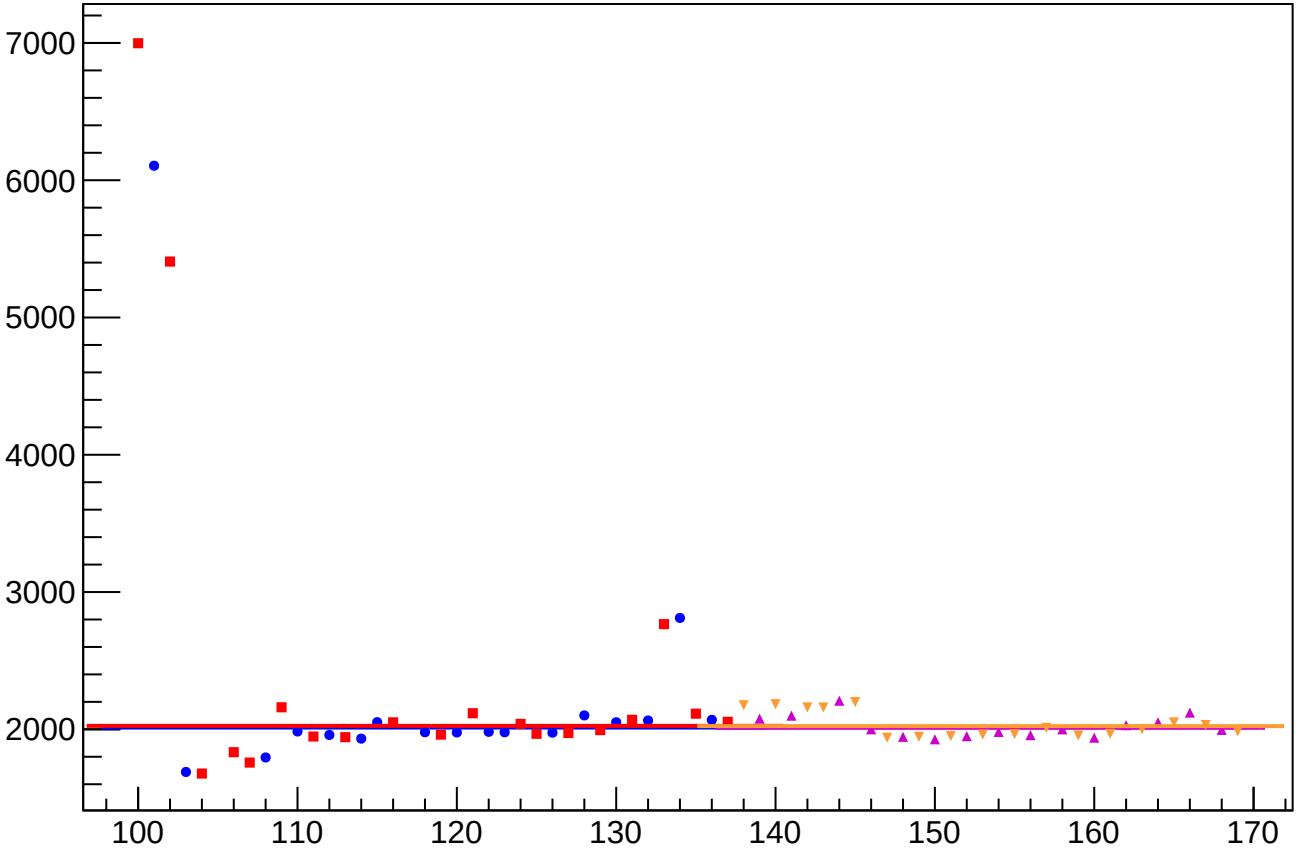
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3223.391+/-471.876 χ^2/NDF:30.0/31

Out: 2010.766+/-460.212 χ^2/NDF:34.3/35

All: 2601.906+/-329.466 χ^2/NDF: 67.7/67

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2023.312+/-0.402 χ^2/NDF:48970.2/16

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

Left In: 2010.779+/-0.414 χ^2/NDF:32552.9/14

Left: 2017.234+/-0.289 χ^2/NDF: 81994.0/31

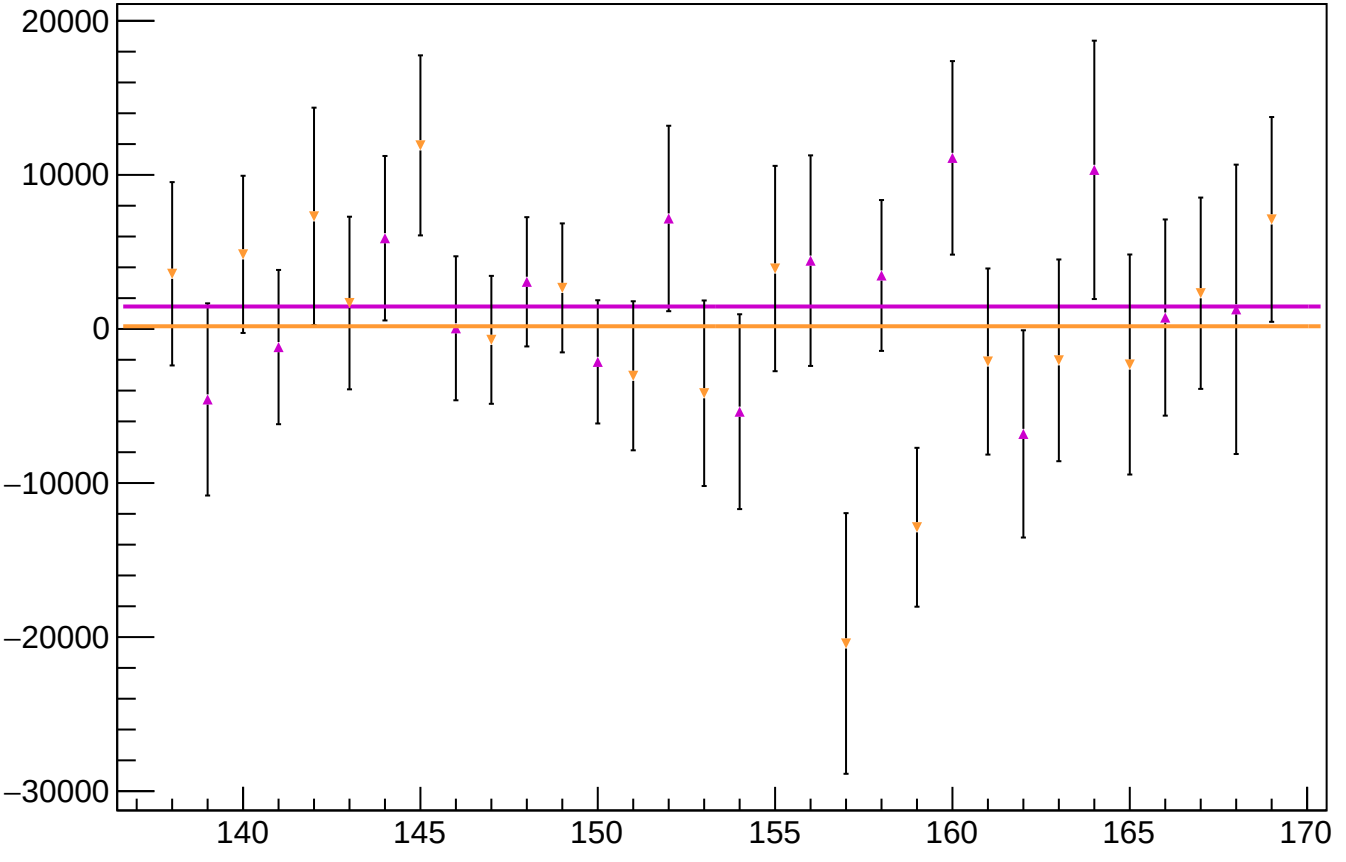
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2011.541+/-0.334 χ^2/NDF:650269.9/31

Out: 2023.919+/-0.325 χ^2/NDF:646399.4/35

All: 2017.886+/-0.233 χ^2/NDF: 1297374.6/67

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 175.018+/-1378.395 χ^2/NDF:21.9/16

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

Left In: 1458.027+/-1444.507 χ^2/NDF:10.4/14

Left: 786.491+/-997.226 χ^2/NDF: 32.7/31

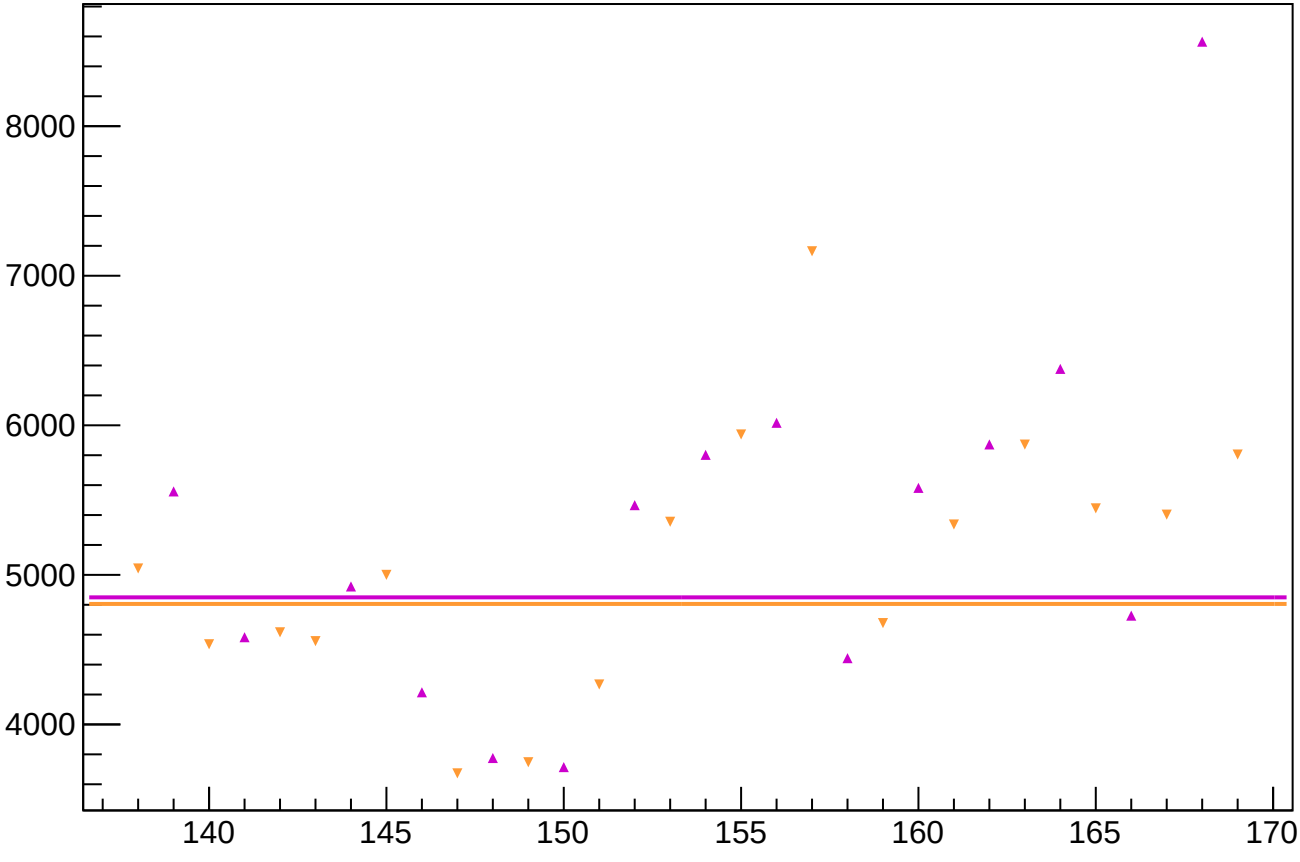
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1458.027+/-1444.507 χ^2/NDF:10.4/14

Out: 175.018+/-1378.395 χ^2/NDF:21.9/16

All: 786.491+/-997.226 χ^2/NDF: 32.7/31

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4805.697+/-0.975 χ^2/NDF:697057.9/16

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

Left In: 4849.675+/-1.021 χ^2/NDF:952951.3/14

Left: 4826.657+/-0.705 χ^2/NDF: 1650979.5/31

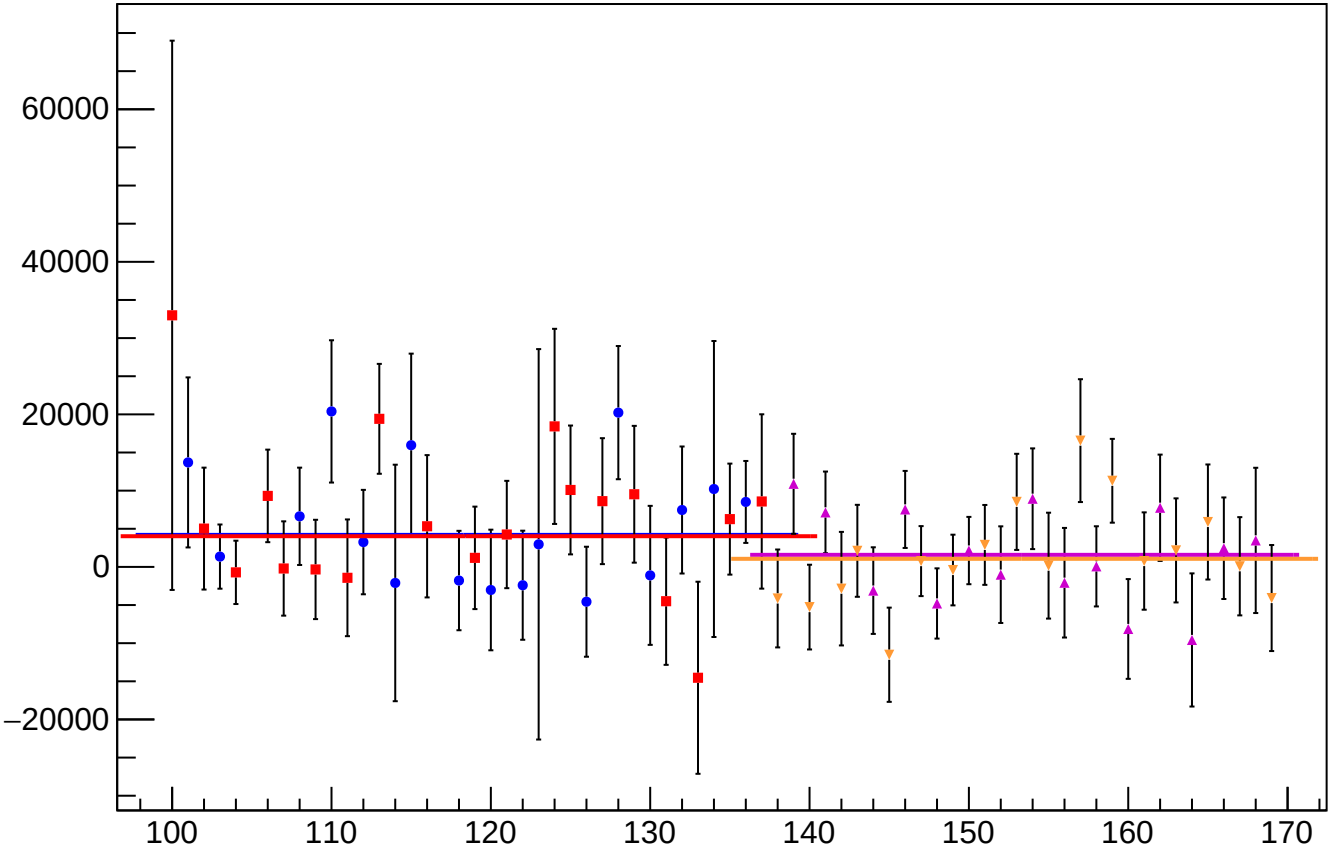
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4849.675+/-1.021 χ^2/NDF:952951.3/14

Out: 4805.697+/-0.975 χ^2/NDF:697057.9/16

All: 4826.657+/-0.705 χ^2/NDF: 1650979.5/31

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1060.905+/-1471.448 χ^2/NDF:16.2/16

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

Left In: 1581.282+/-1541.270 χ^2/NDF:13.5/14

Left: 1309.040+/-1064.299 χ^2/NDF: 29.8/31

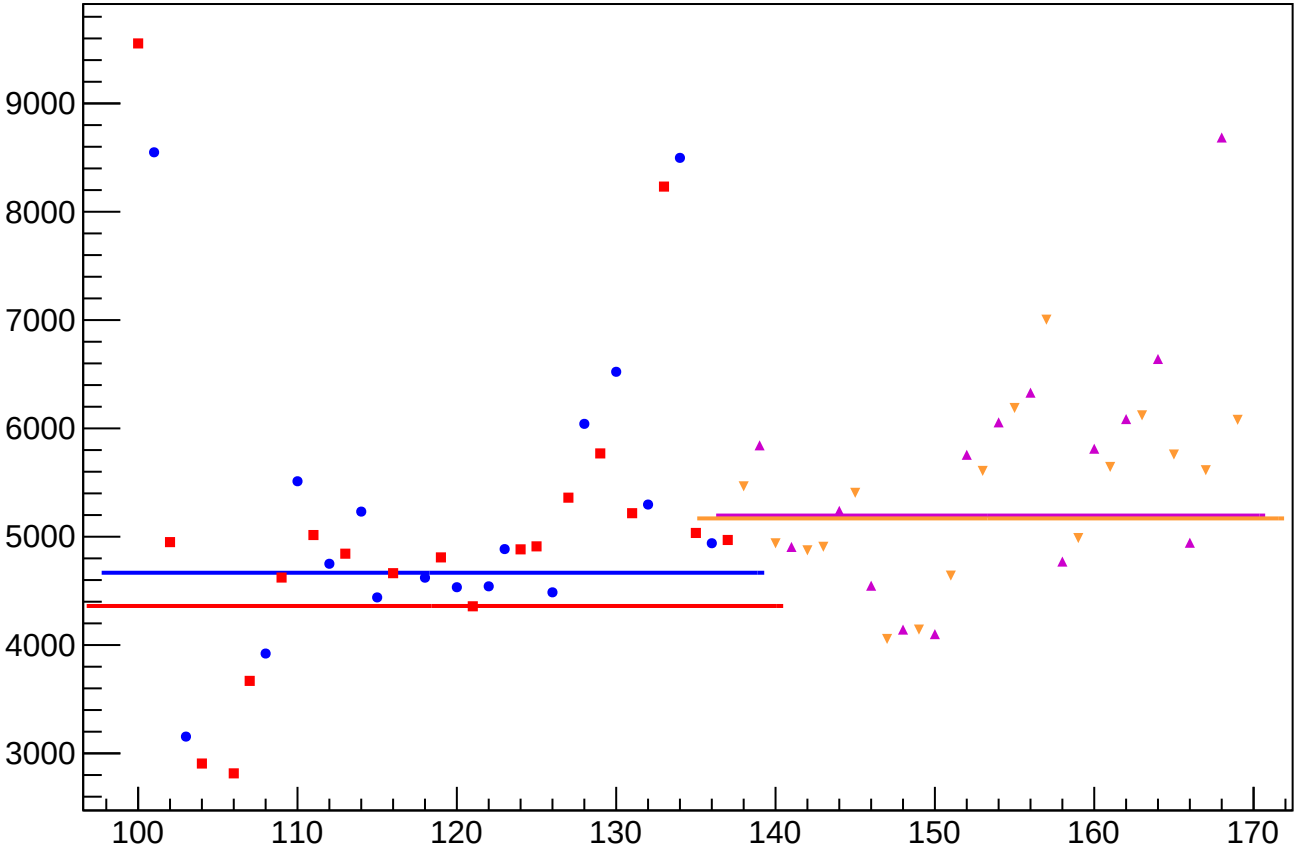
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 2648.373+/-1186.200 χ^2/NDF:28.8/31

Out: 2308.590+/-1119.539 χ^2/NDF:32.8/35

All: 2468.666+/-814.180 χ^2/NDF: 61.6/67

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5169.016+/-1.040 χ^2/NDF:518426.4/16

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

Left In: 5195.366+/-1.090 χ^2/NDF:775376.3/14

Left: 5181.581+/-0.753 χ^2/NDF: 1294108.5/31

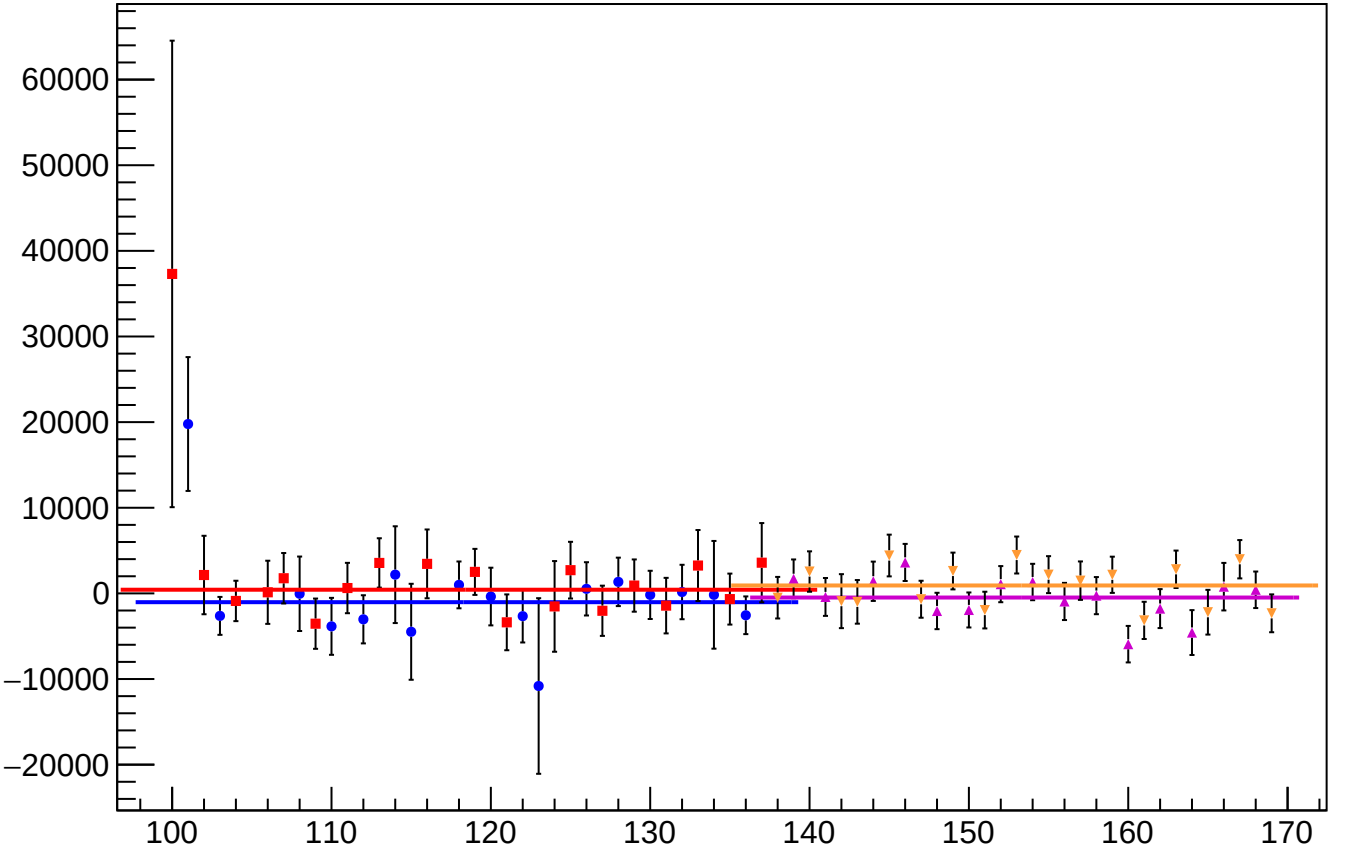
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 4980.155+/-0.839 χ^2/NDF:1648884.4/31

Out: 4826.284+/-0.790 χ^2/NDF:1607112.7/35

All: 4898.587+/-0.575 χ^2/NDF: 3273836.8/67

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 925.183+/-555.078 χ^2/NDF:20.0/16

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

Left In: -483.612+/-573.181 χ^2/NDF:17.3/14

Left: 243.384+/-398.746 χ^2/NDF: 40.3/31

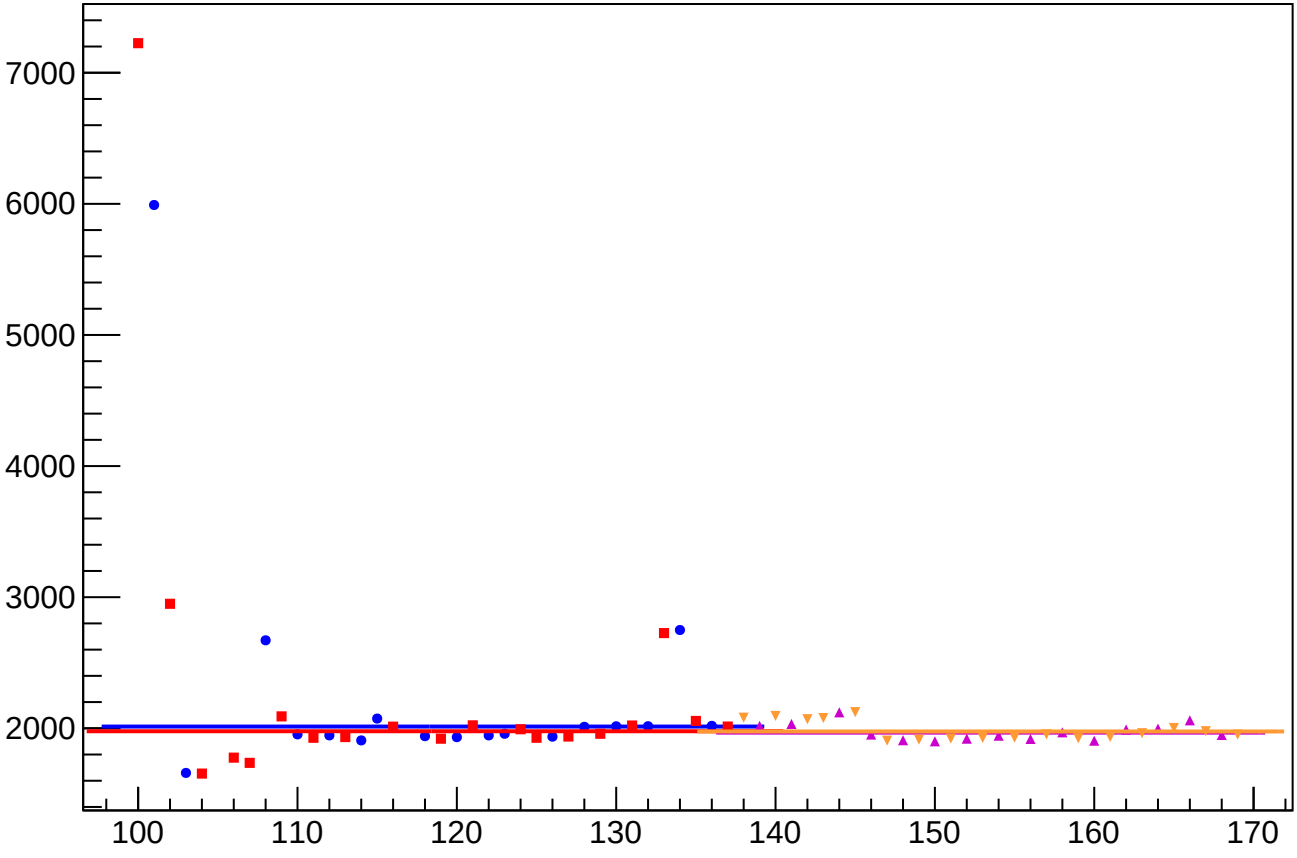
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -668.992+/-465.258 χ^2/NDF:30.6/31

Out: 752.641+/-448.419 χ^2/NDF:31.0/35

All: 68.017+/-322.869 χ^2/NDF: 66.5/67

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1975.771+/-0.392 χ^2/NDF:30797.2/16

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

Left In: 1966.878+/-0.405 χ^2/NDF:22383.1/14

Left: 1971.467+/-0.282 χ^2/NDF: 53428.7/31

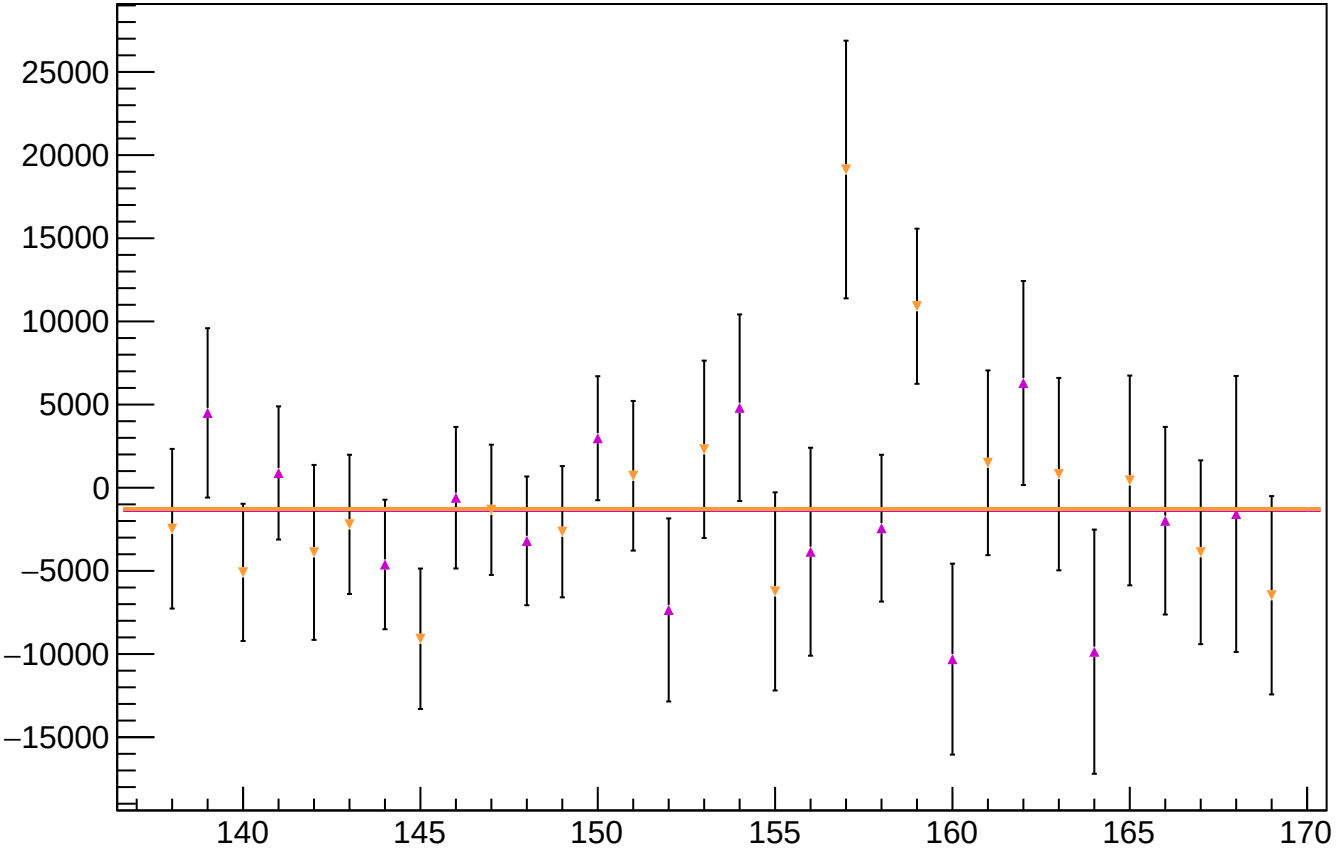
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 1982.703+/-0.329 χ^2/NDF:676901.1/31

Out: 1976.388+/-0.317 χ^2/NDF:325703.4/35

All: 1979.428+/-0.228 χ^2/NDF: 1002795.5/67

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1279.666+/-1191.259 χ^2/NDF:21.3/16

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

Left In: -1336.535+/-1266.091 χ^2/NDF:11.9/14

Left: -1306.370+/-867.596 χ^2/NDF: 33.2/31

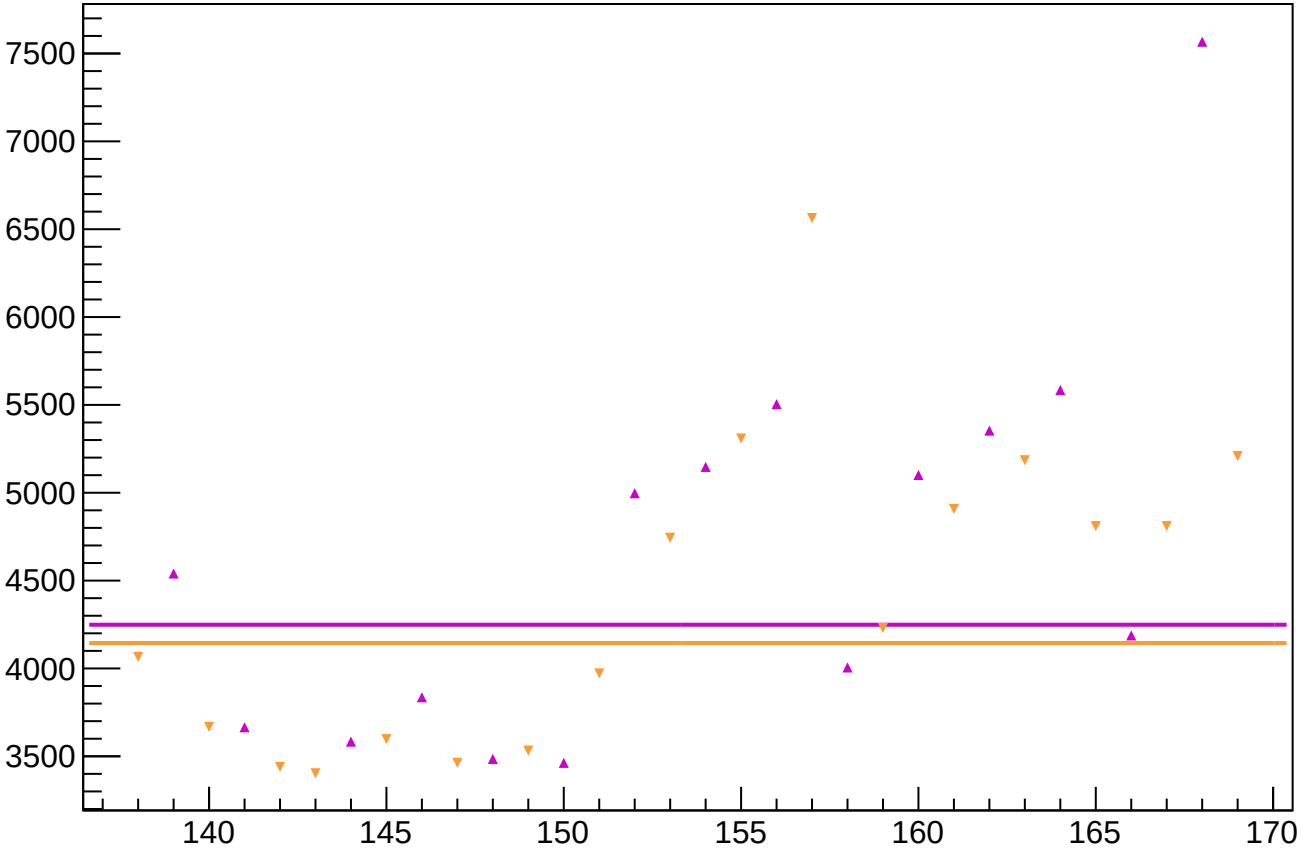
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1336.535+/-1266.091 χ^2/NDF:11.9/14

Out: -1279.666+/-1191.259 χ^2/NDF:21.3/16

All: -1306.370+/-867.596 χ^2/NDF: 33.2/31

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4144.683+/-0.842 χ^2/NDF:785957.5/16

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

Left In: 4248.800+/-0.895 χ^2/NDF:963181.7/14

Left: 4193.574+/-0.613 χ^2/NDF: 1756313.3/31

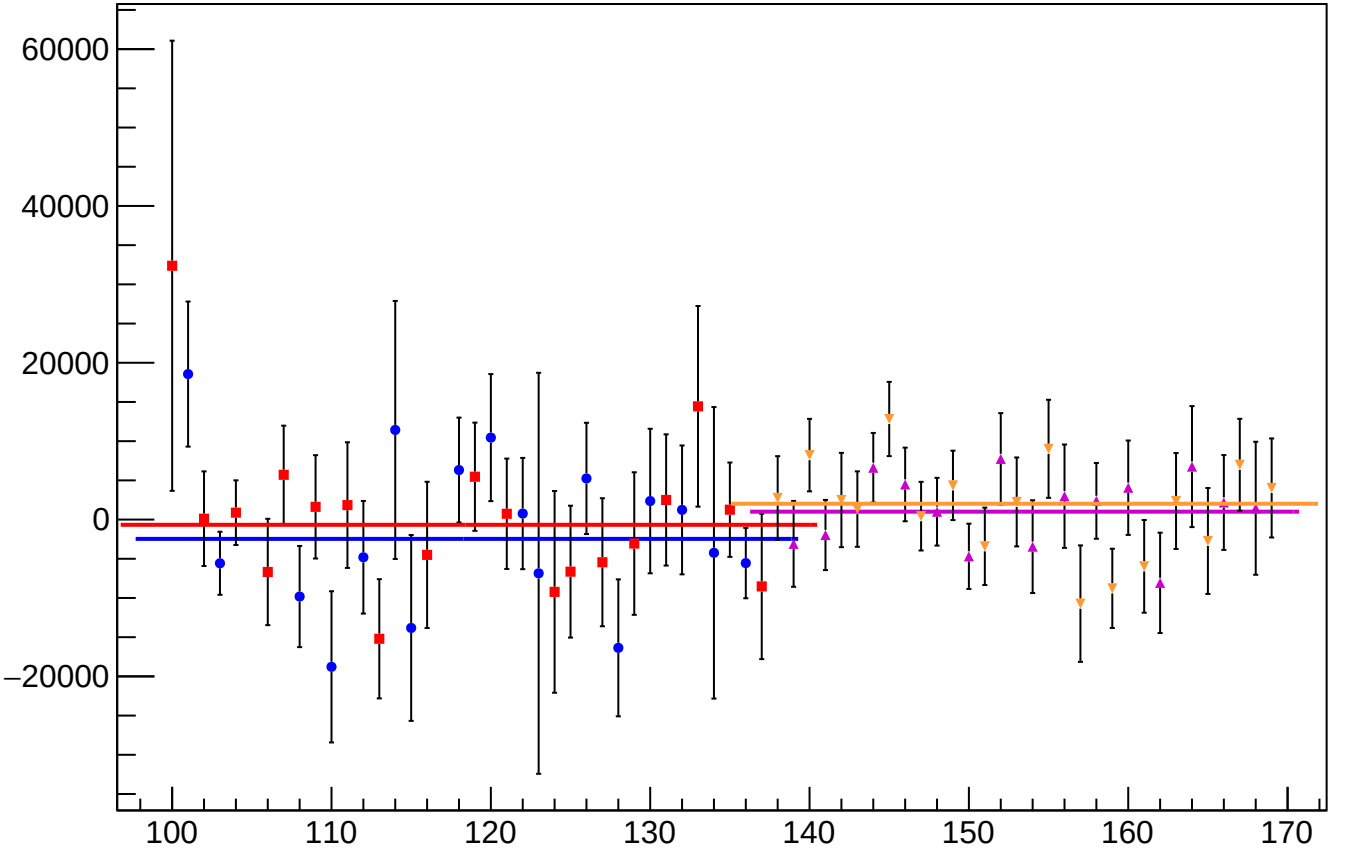
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4248.800+/-0.895 χ^2/NDF:963181.7/14

Out: 4144.683+/-0.842 χ^2/NDF:785957.5/16

All: 4193.574+/-0.613 χ^2/NDF: 1756313.3/31

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 2020.182+/-1305.097 χ^2/NDF:20.6/16

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

Left In: 1008.070+/-1380.888 χ^2/NDF:10.0/14

Left: 1542.662+/-948.506 χ^2/NDF: 30.8/31

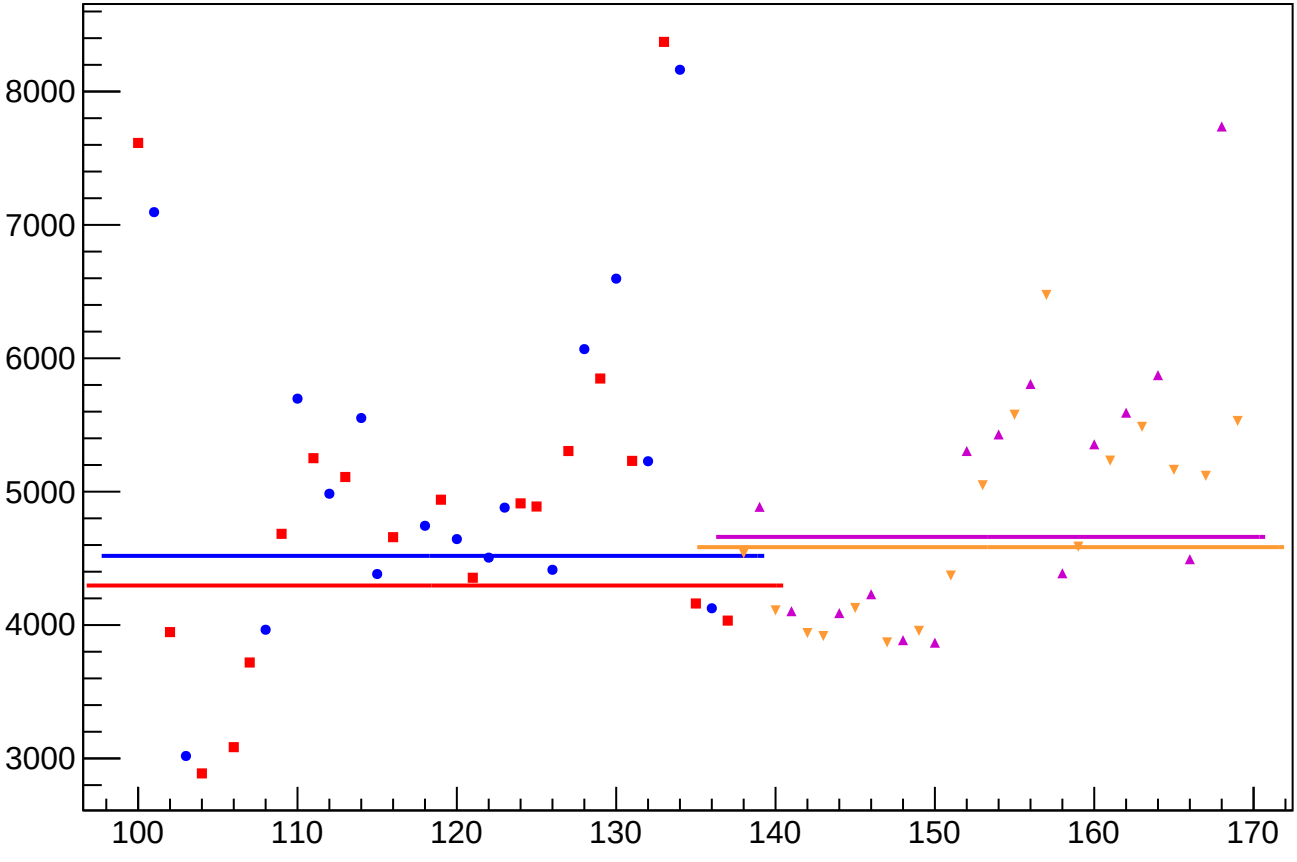
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -280.084+/-1095.009 χ^2/NDF:33.1/31

Out: 1016.483+/-1032.901 χ^2/NDF:34.1/35

All: 406.010+/-751.369 χ^2/NDF: 67.9/67

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4584.208+/-0.923 χ^2/NDF:535361.5/16

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

Left In: 4660.813+/-0.976 χ^2/NDF:728974.0/14

Left: 4620.351+/-0.671 χ^2/NDF: 1267586.5/31

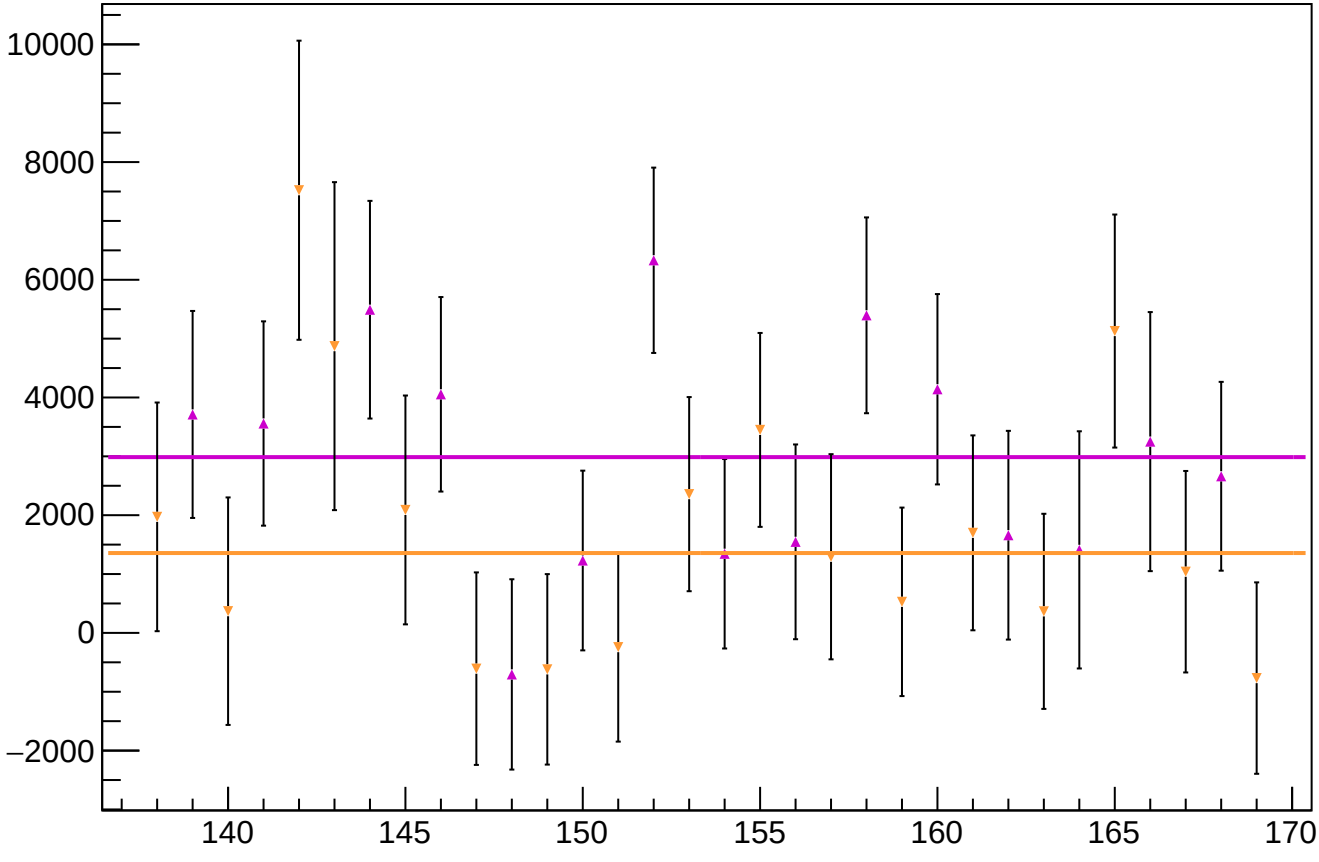
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4608.056+/-0.774 χ^2/NDF:1507065.5/31

Out: 4475.917+/-0.729 χ^2/NDF:1343663.3/35

All: 4537.996+/-0.531 χ^2/NDF: 2866170.6/67

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: 1356.860+/-431.031 χ^2/NDF:19.9/16

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

Left In: 2986.768+/-439.265 χ^2/NDF:19.2/14

Left: 2156.396+/-307.655 χ^2/NDF: 46.2/31

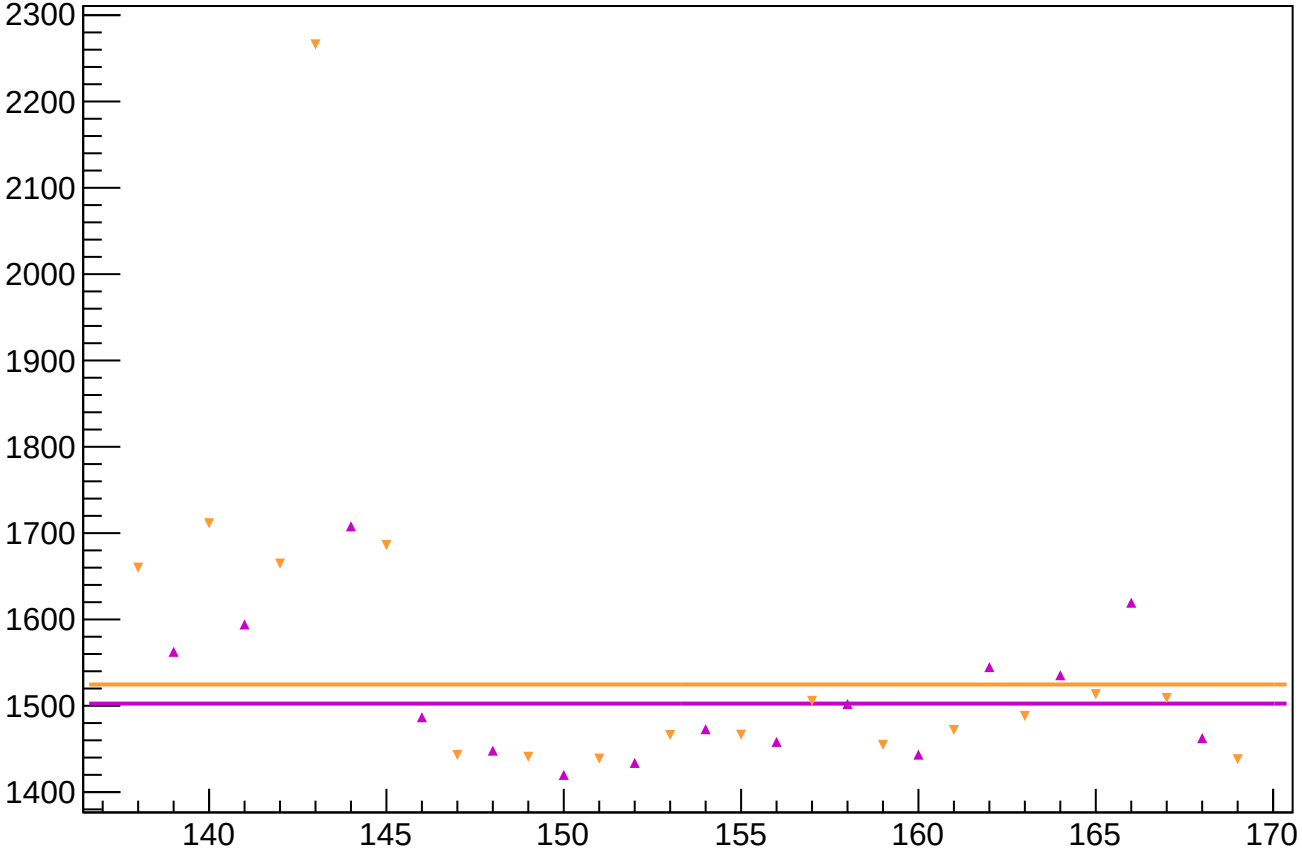
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2986.768+/-439.265 χ^2/NDF:19.2/14

Out: 1356.860+/-431.031 χ^2/NDF:19.9/16

All: 2156.396+/-307.655 χ^2/NDF: 46.2/31

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: 1524.669+/-0.305 χ^2/NDF:223879.8/16

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

Left In: 1502.529+/-0.311 χ^2/NDF:58024.5/14

Left: 1513.808+/-0.218 χ^2/NDF: 284492.8/31

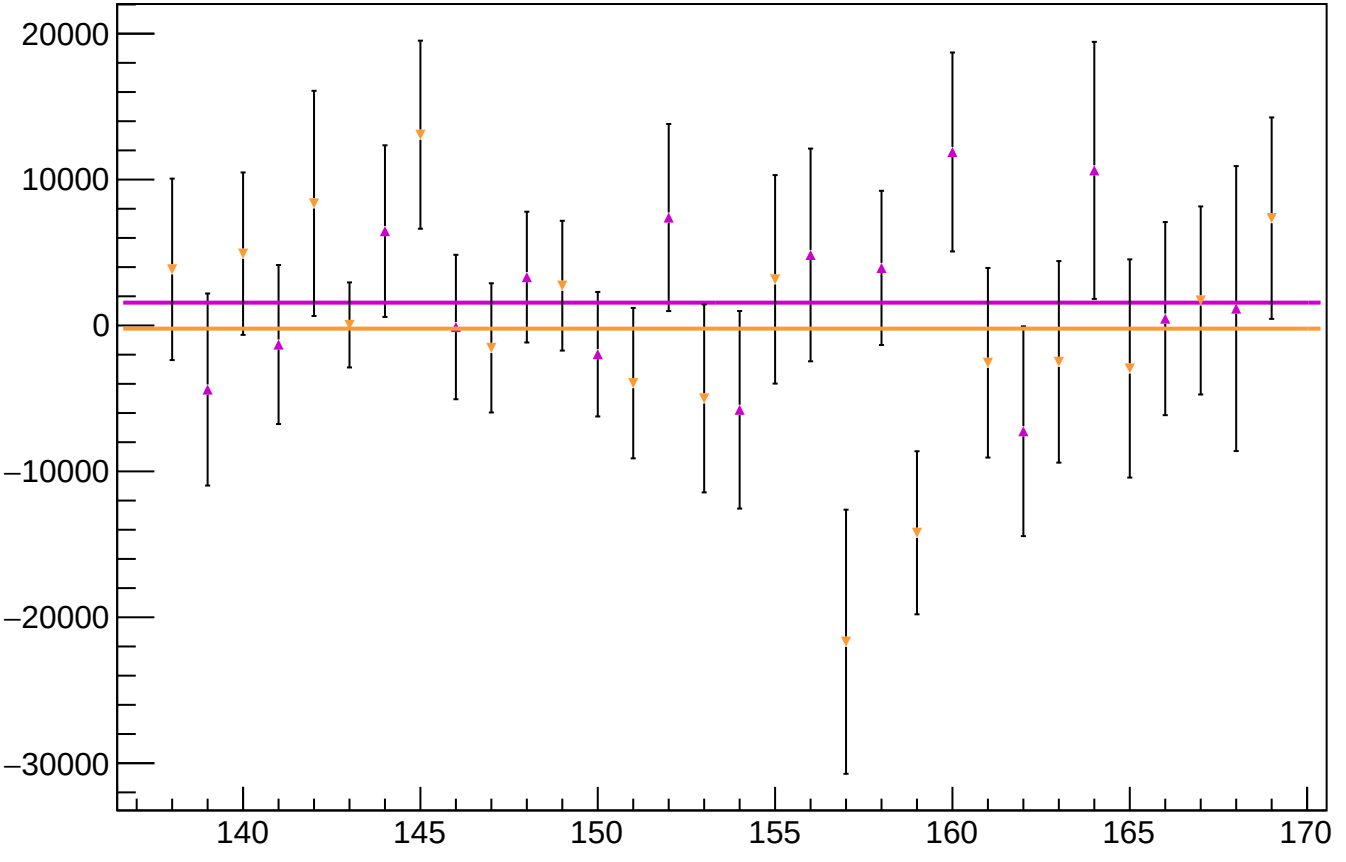
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1502.529+/-0.311 χ^2/NDF:58024.5/14

Out: 1524.669+/-0.305 χ^2/NDF:223879.8/16

All: 1513.808+/-0.218 χ^2/NDF: 284492.8/31

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: -215.918+/-1346.635 χ^2/NDF:22.2/16

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

Left In: 1565.761+/-1544.851 χ^2/NDF:10.0/14

Left: 553.356+/-1015.108 χ^2/NDF: 32.9/31

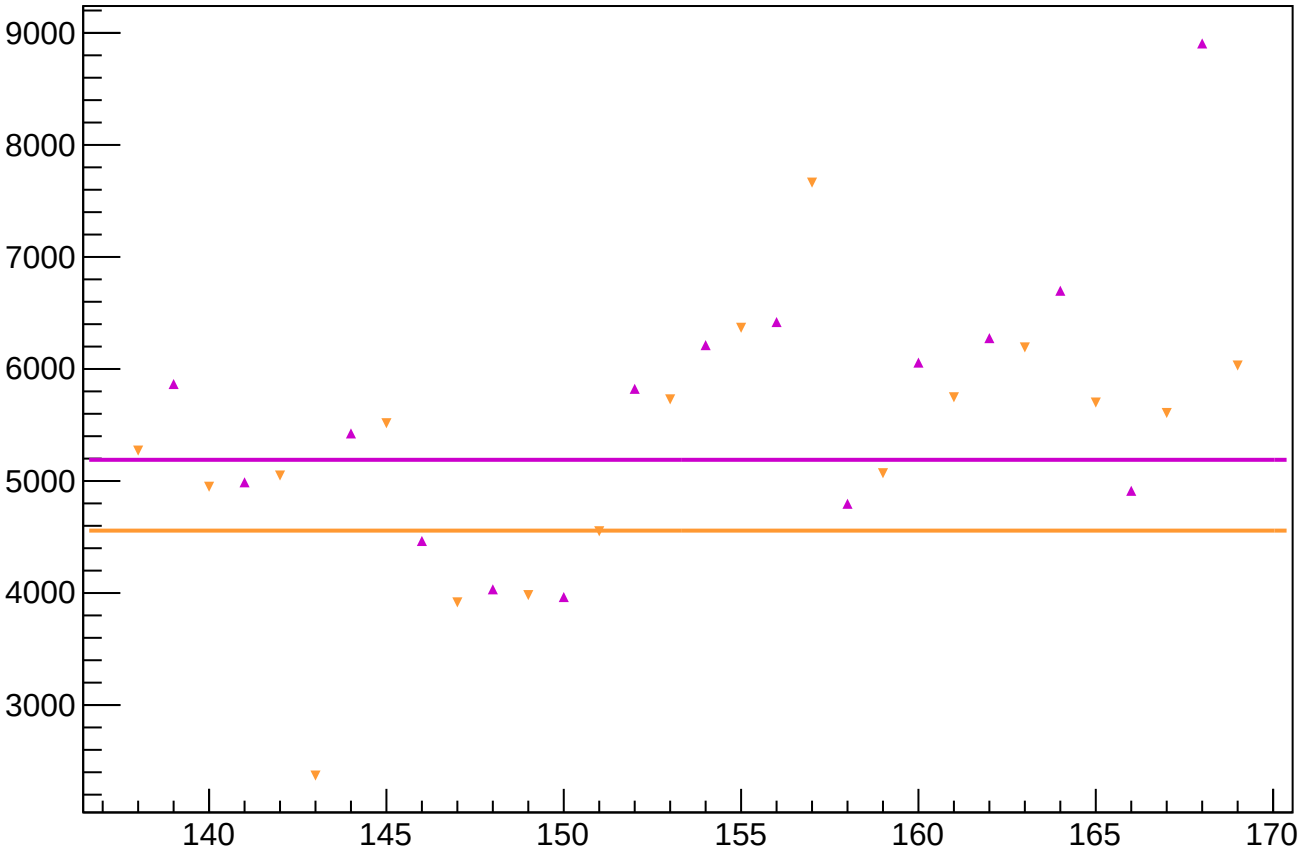
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1565.761+/-1544.851 χ^2/NDF:10.0/14

Out: -215.918+/-1346.635 χ^2/NDF:22.2/16

All: 553.356+/-1015.108 χ^2/NDF: 32.9/31

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: 4557.176+/-0.952 χ^2/NDF:2107217.2/16

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

Left In: 5189.152+/-1.092 χ^2/NDF:931027.4/14

Left: 4830.044+/-0.718 χ^2/NDF: 3228432.5/31

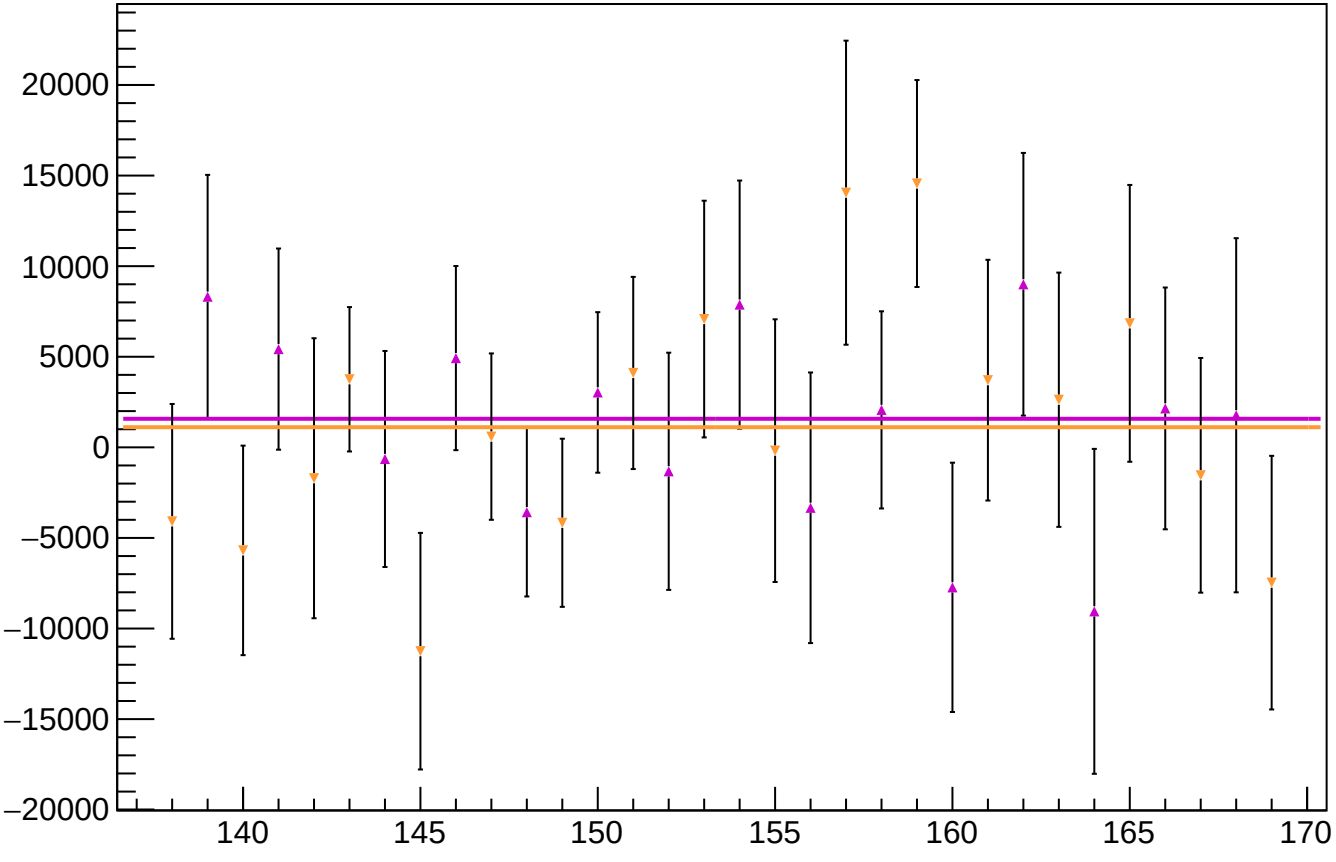
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5189.152+/-1.092 χ^2/NDF:931027.4/14

Out: 4557.176+/-0.952 χ^2/NDF:2107217.2/16

All: 4830.044+/-0.718 χ^2/NDF: 3228432.5/31

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: 1111.115+/-1446.342 χ^2/NDF:19.0/16

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

Left In: 1576.027+/-1580.218 χ^2/NDF:9.2/14

Left: 1323.046+/-1066.914 χ^2/NDF: 28.2/31

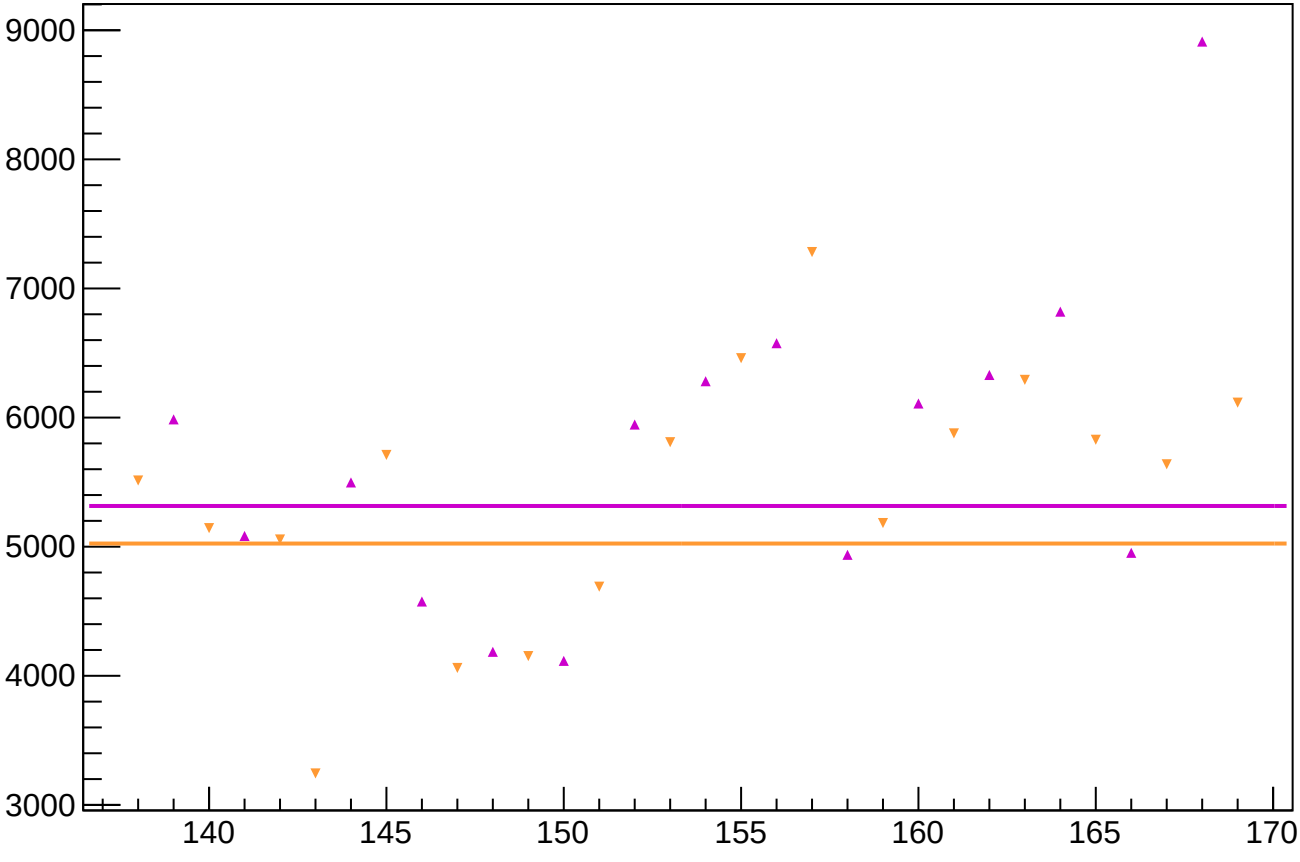
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1576.027+/-1580.218 χ^2/NDF:9.2/14

Out: 1111.115+/-1446.342 χ^2/NDF:19.0/16

All: 1323.046+/-1066.914 χ^2/NDF: 28.2/31

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: 5024.315+/-1.023 χ^2/NDF:1041044.3/16

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

Left In: 5315.329+/-1.117 χ^2/NDF:856235.9/14

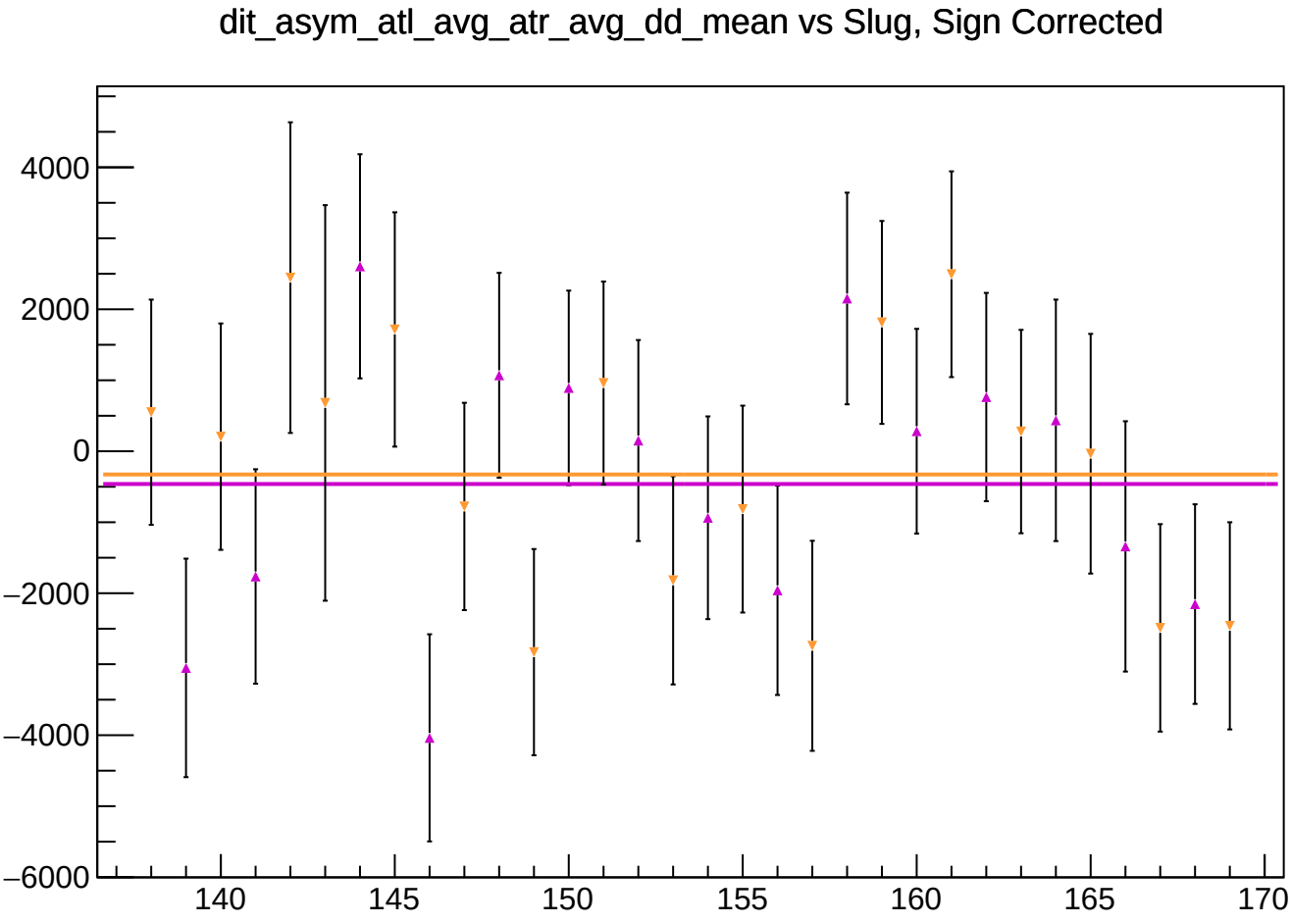
Left: 5156.975+/-0.754 χ^2/NDF: 1934189.9/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5315.329+/-1.117 χ^2/NDF:856235.9/14

Out: 5024.315+/-1.023 χ^2/NDF:1041044.3/16

All: 5156.975+/-0.754 χ^2/NDF: 1934189.9/31



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

Left Out: -327.171+/-376.344 χ^2/NDF:21.9/16

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

Left In: -461.466+/-384.580 χ^2/NDF:22.8/14

Left: -392.865+/-268.980 χ^2/NDF: 44.8/31

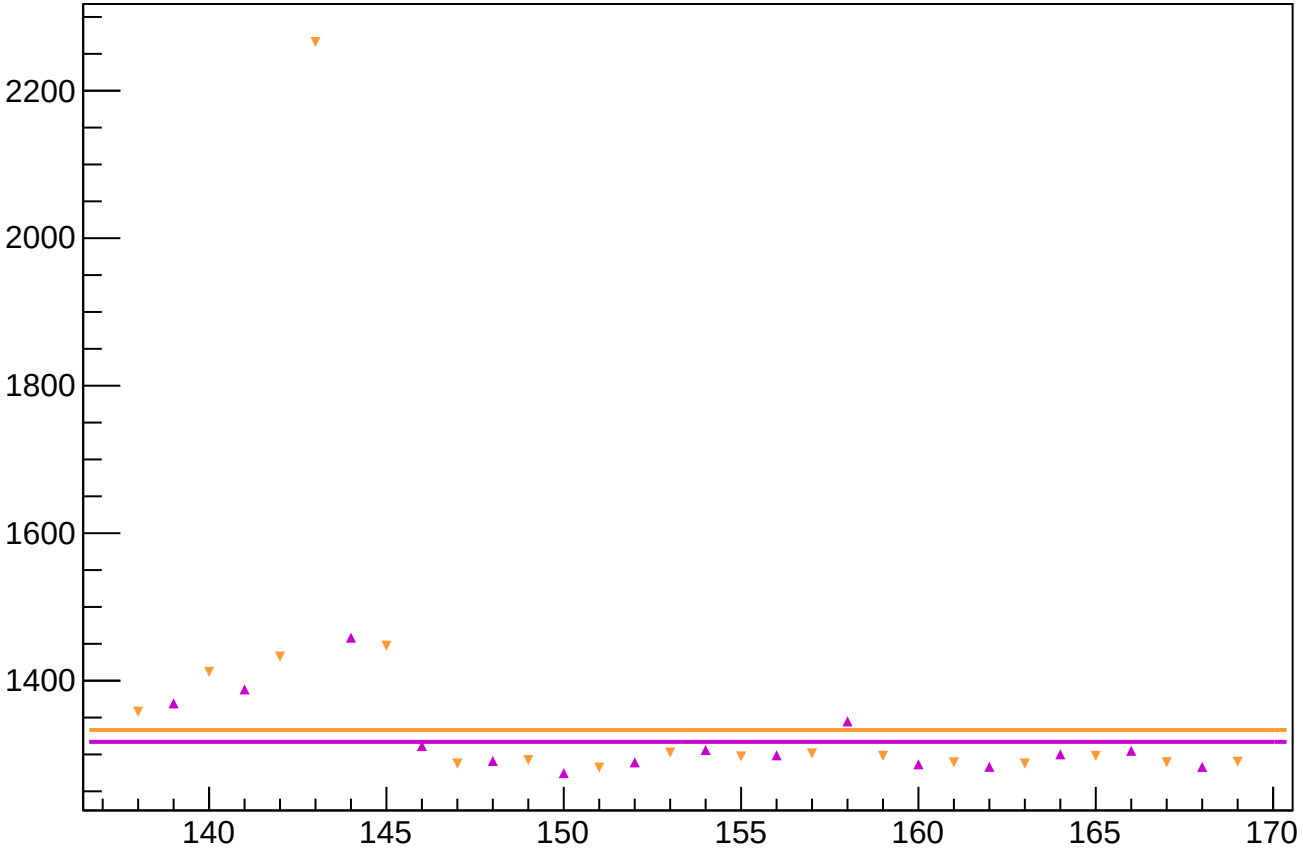
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -461.466+/-384.580 χ^2/NDF:22.8/14

Out: -327.171+/-376.344 χ^2/NDF:21.9/16

All: -392.865+/-268.980 χ^2/NDF: 44.8/31

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: 1333.053+/-0.266 χ^2/NDF:261721.0/16

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

Left In: 1317.052+/-0.272 χ^2/NDF:30644.5/14

Left: 1325.226+/-0.190 χ^2/NDF: 294133.9/31

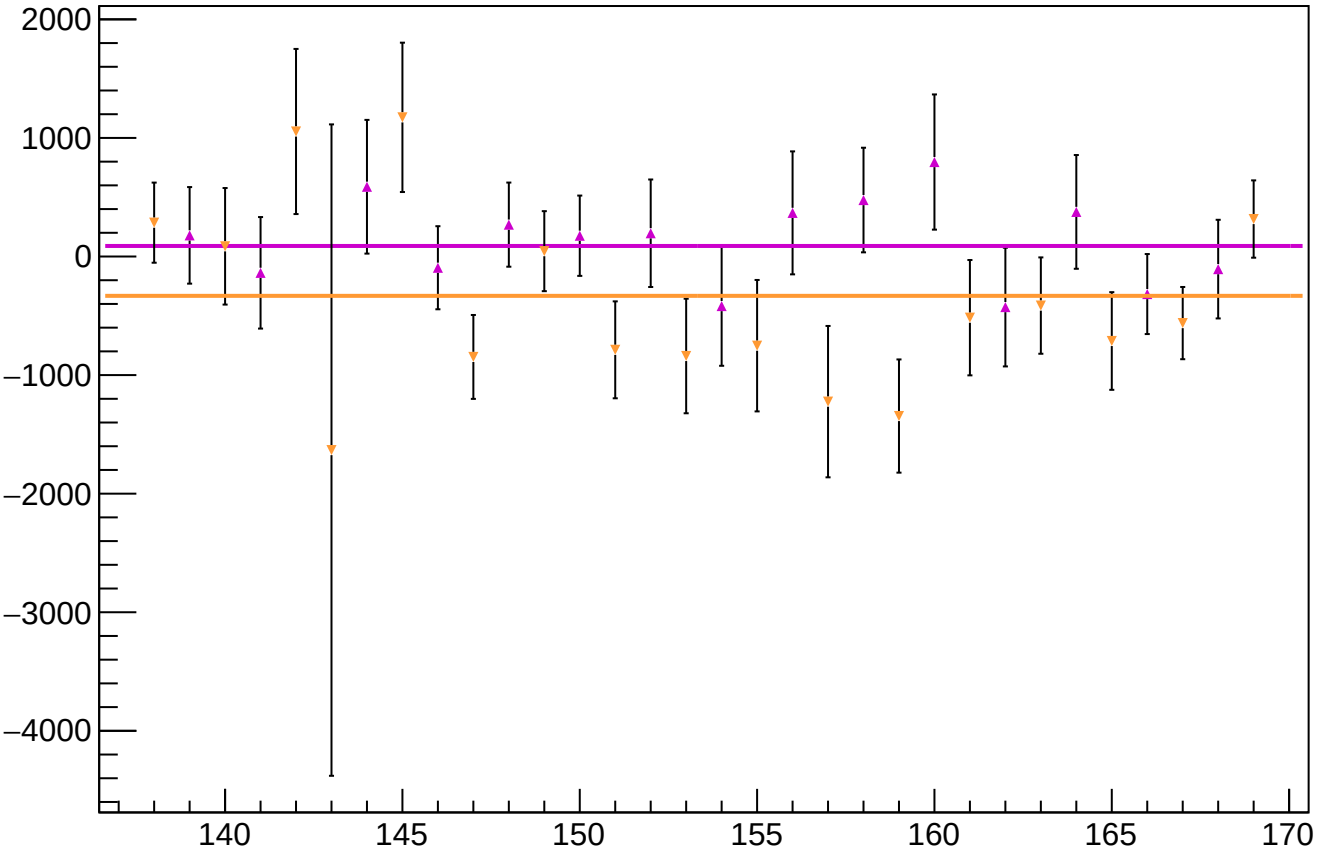
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1317.052+/-0.272 χ^2/NDF:30644.5/14

Out: 1333.053+/-0.266 χ^2/NDF:261721.0/16

All: 1325.226+/-0.190 χ^2/NDF: 294133.9/31

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: -331.695+/-104.752 χ^2/NDF:32.3/16

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

Left In: 88.974+/-110.327 χ^2/NDF:8.4/14

Left: -132.256+/-75.965 χ^2/NDF: 48.3/31

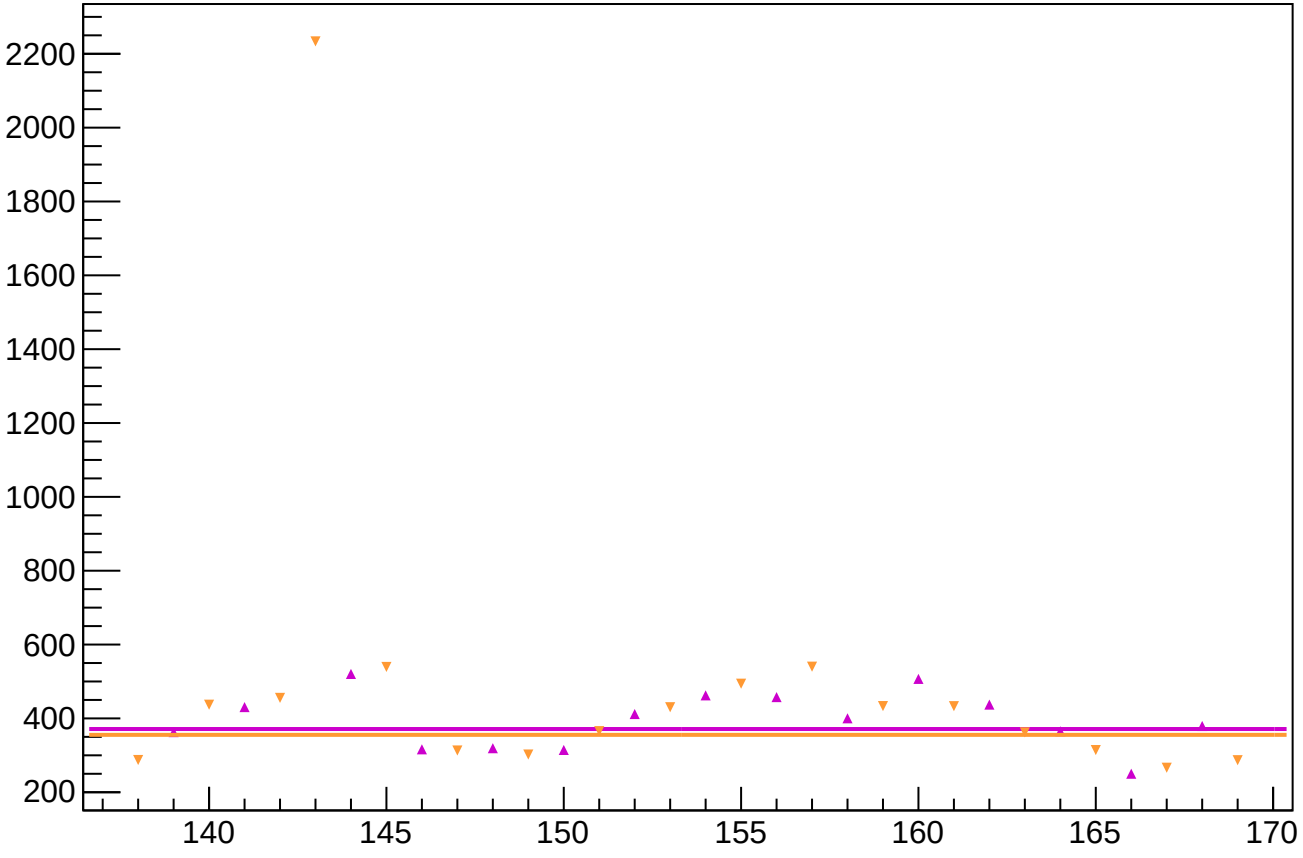
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 88.974+/-110.327 χ^2/NDF:8.4/14

Out: -331.695+/-104.752 χ^2/NDF:32.3/16

All: -132.256+/-75.965 χ^2/NDF: 48.3/31

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: 355.451+/-0.074 χ^2/NDF:2088066.4/16

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

Left In: 371.252+/-0.078 χ^2/NDF:873723.1/14

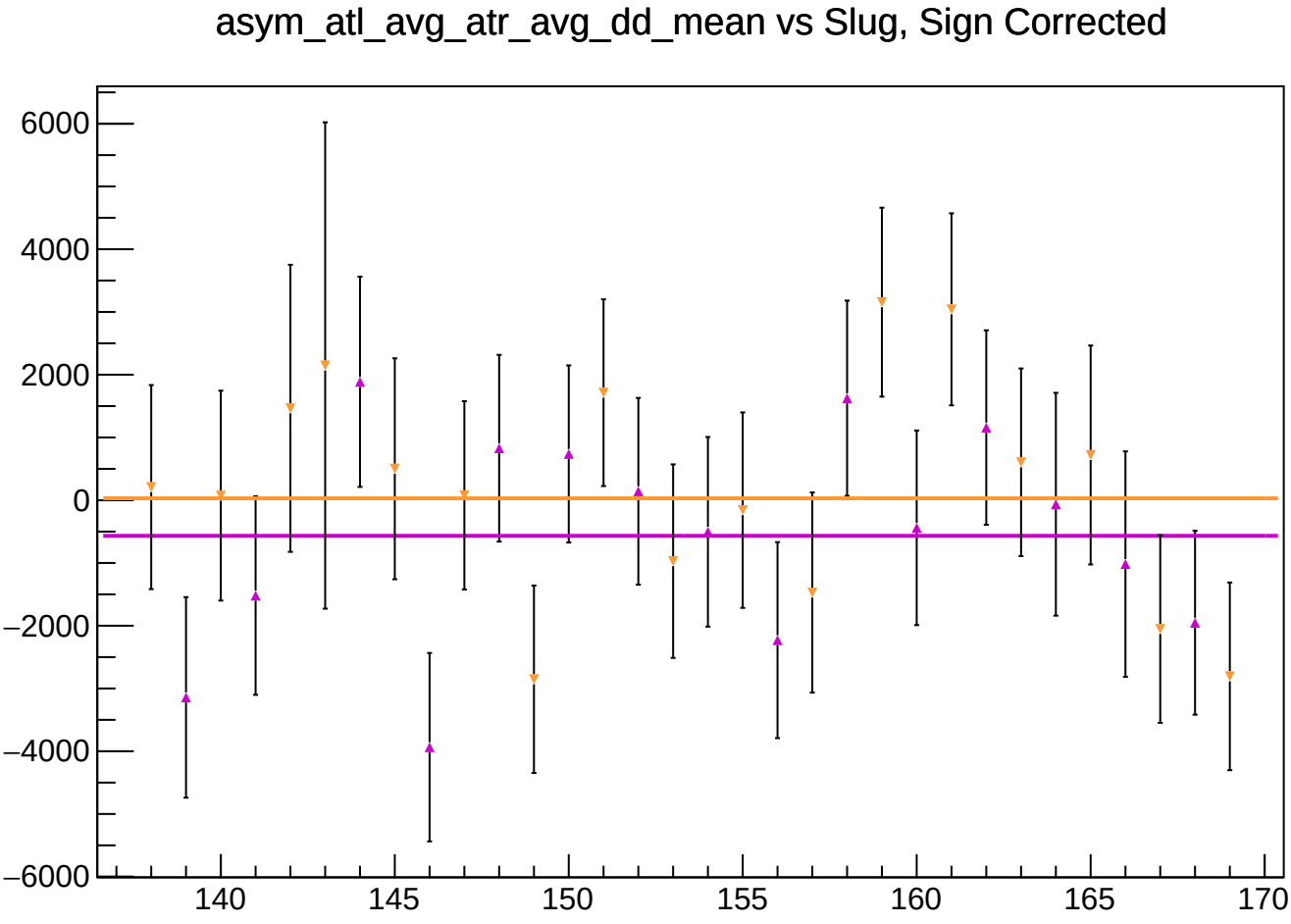
Left: 362.942+/-0.054 χ^2/NDF: 2983366.0/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 371.252+/-0.078 χ^2/NDF:873723.1/14

Out: 355.451+/-0.074 χ^2/NDF:2088066.4/16

All: 362.942+/-0.054 χ^2/NDF: 2983366.0/31



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

Left Out: 30.221+/-394.531 χ^2/NDF:21.1/16

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

Left In: -567.782+/-402.166 χ^2/NDF:17.5/14

Left: -263.050+/-281.636 χ^2/NDF: 39.8/31

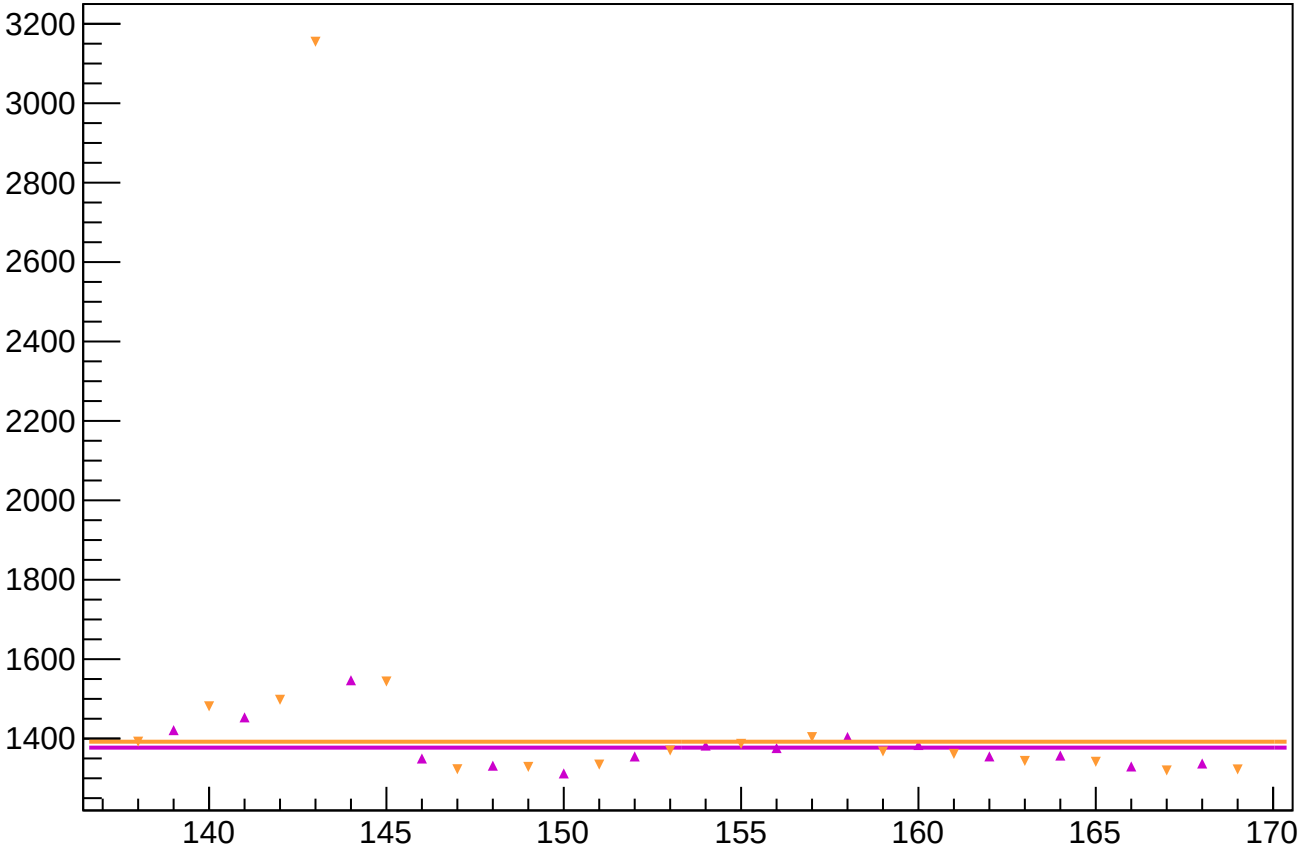
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -567.782+/-402.166 χ^2/NDF:17.5/14

Out: 30.221+/-394.531 χ^2/NDF:21.1/16

All: -263.050+/-281.636 χ^2/NDF: 39.8/31

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: 1392.138+/-0.279 χ^2/NDF:464084.7/16

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

Left In: 1377.236+/-0.284 χ^2/NDF:38116.4/14

Left: 1384.830+/-0.199 χ^2/NDF: 503600.3/31

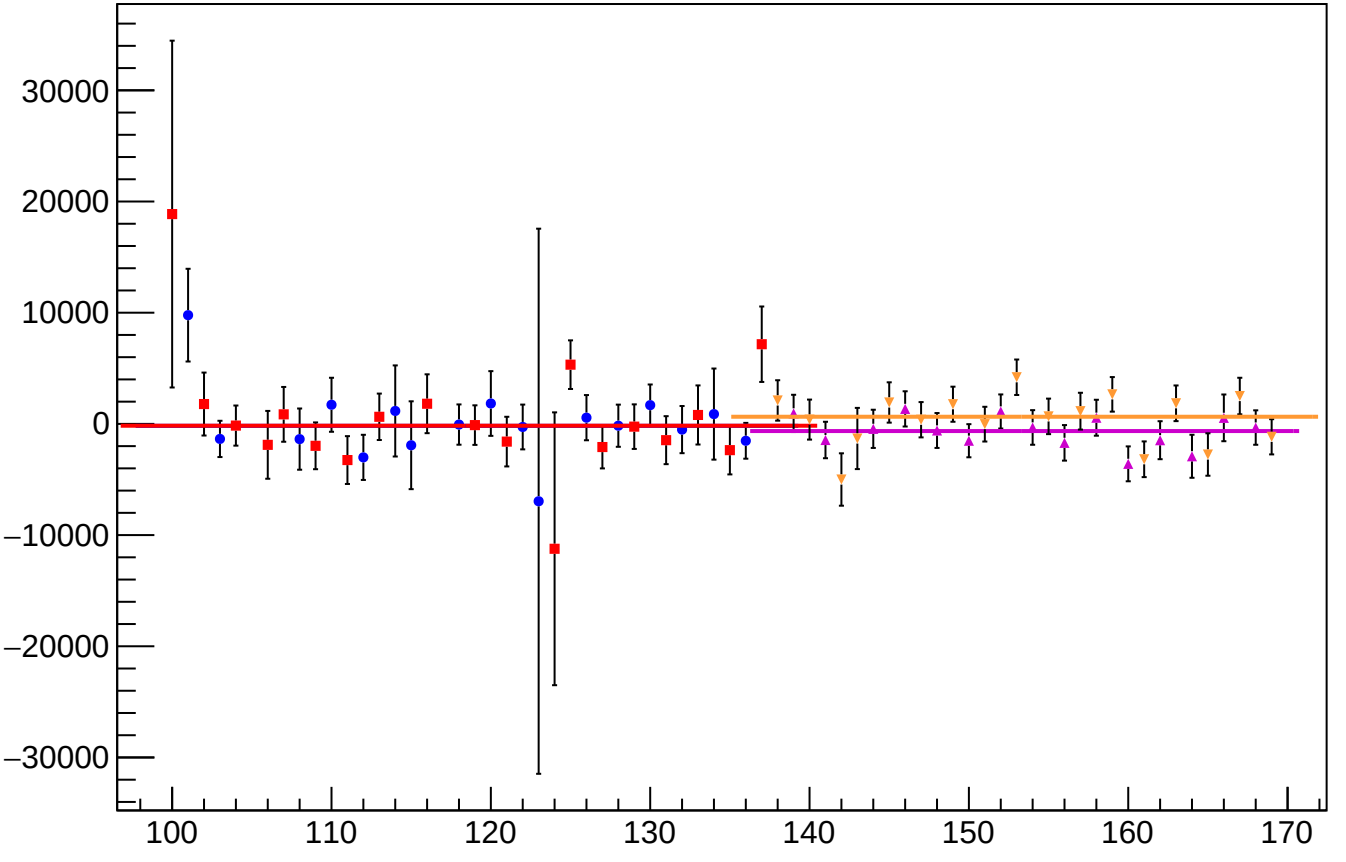
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1377.236+/-0.284 χ^2/NDF:38116.4/14

Out: 1392.138+/-0.279 χ^2/NDF:464084.7/16

All: 1384.830+/-0.199 χ^2/NDF: 503600.3/31

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: 643.212+/-414.469 χ^2/NDF:26.9/16

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

Left In: -644.558+/-422.798 χ^2/NDF:10.9/14

Left: 12.136+/-295.975 χ^2/NDF: 42.5/31

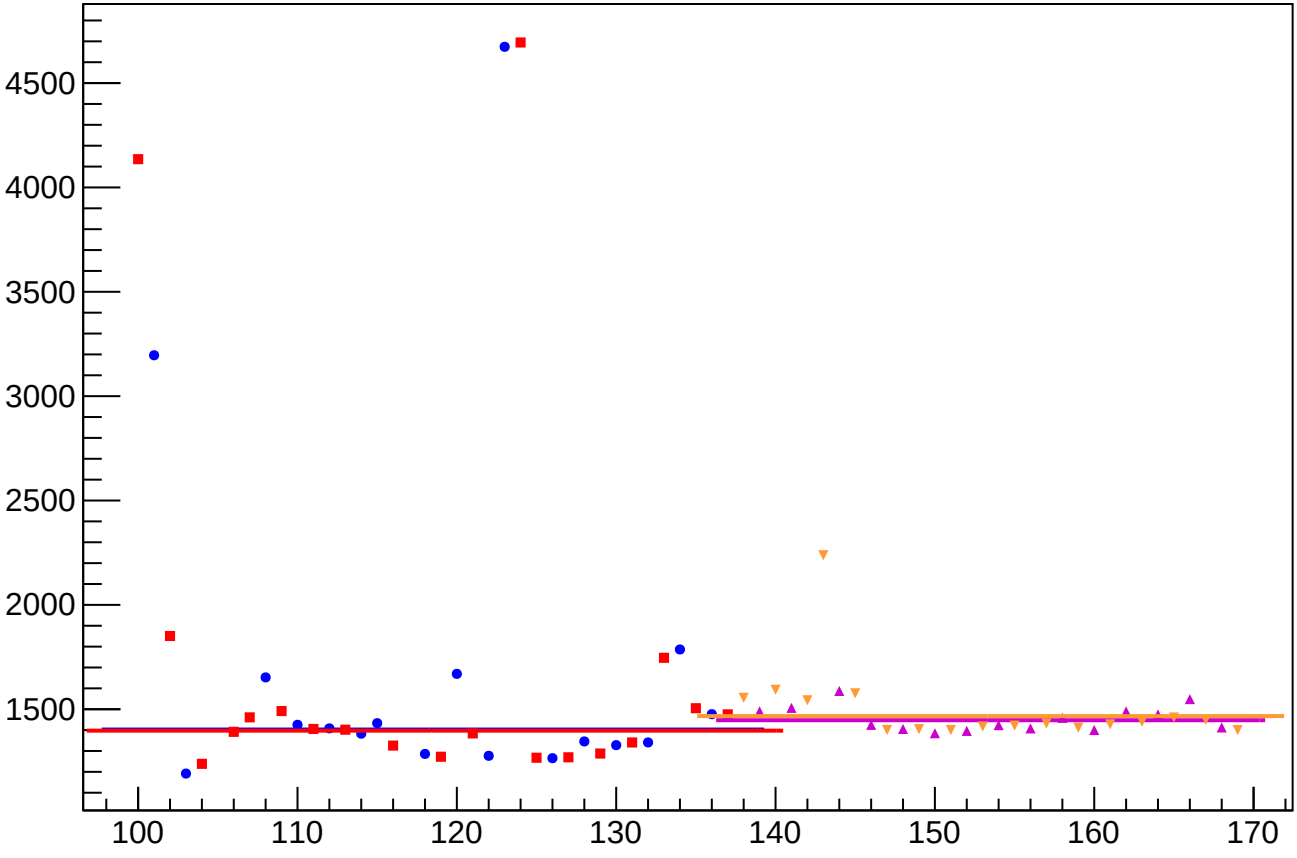
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -471.933+/-336.248 χ^2/NDF:23.1/31

Out: 343.688+/-328.810 χ^2/NDF:48.9/35

All: -55.002+/-235.090 χ^2/NDF: 75.1/67

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.709+/-0.392 χ^2/NDF: 526326.4/16

Left Out: 1467.188+/-0.293 χ^2/NDF:203673.7/16

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

Left In: 1447.322+/-0.299 χ^2/NDF:35519.5/14

Left: 1457.453+/-0.209 χ^2/NDF: 241444.8/31

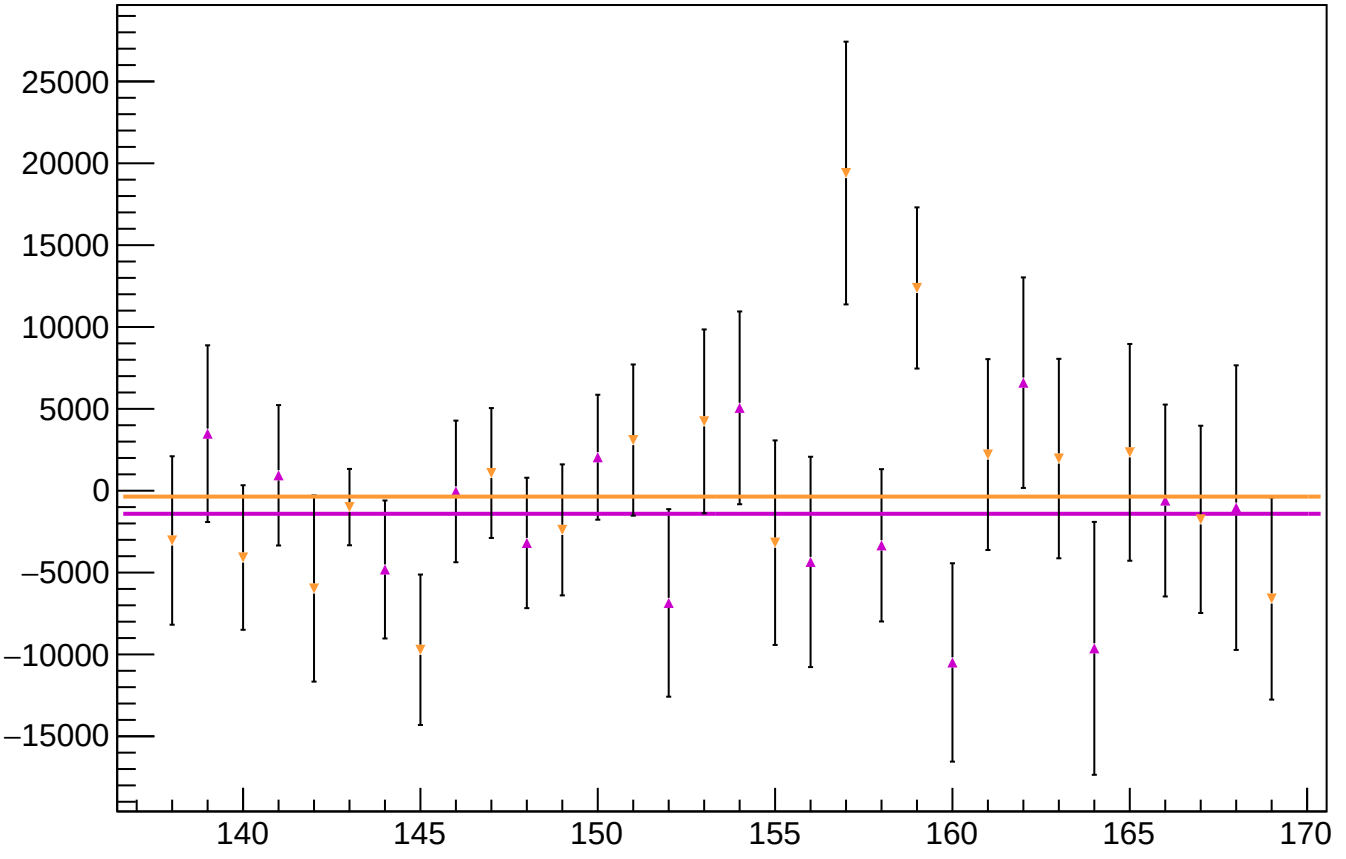
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1430.926+/-0.238 χ^2/NDF:570029.9/31

Out: 1441.319+/-0.232 χ^2/NDF:578044.6/35

All: 1436.240+/-0.166 χ^2/NDF: 1149051.5/67

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: -359.514+/-1136.550 χ^2/NDF:22.3/16

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

Left In: -1409.396+/-1324.020 χ^2/NDF:10.3/14

Left: -804.926+/-862.394 χ^2/NDF: 33.0/31

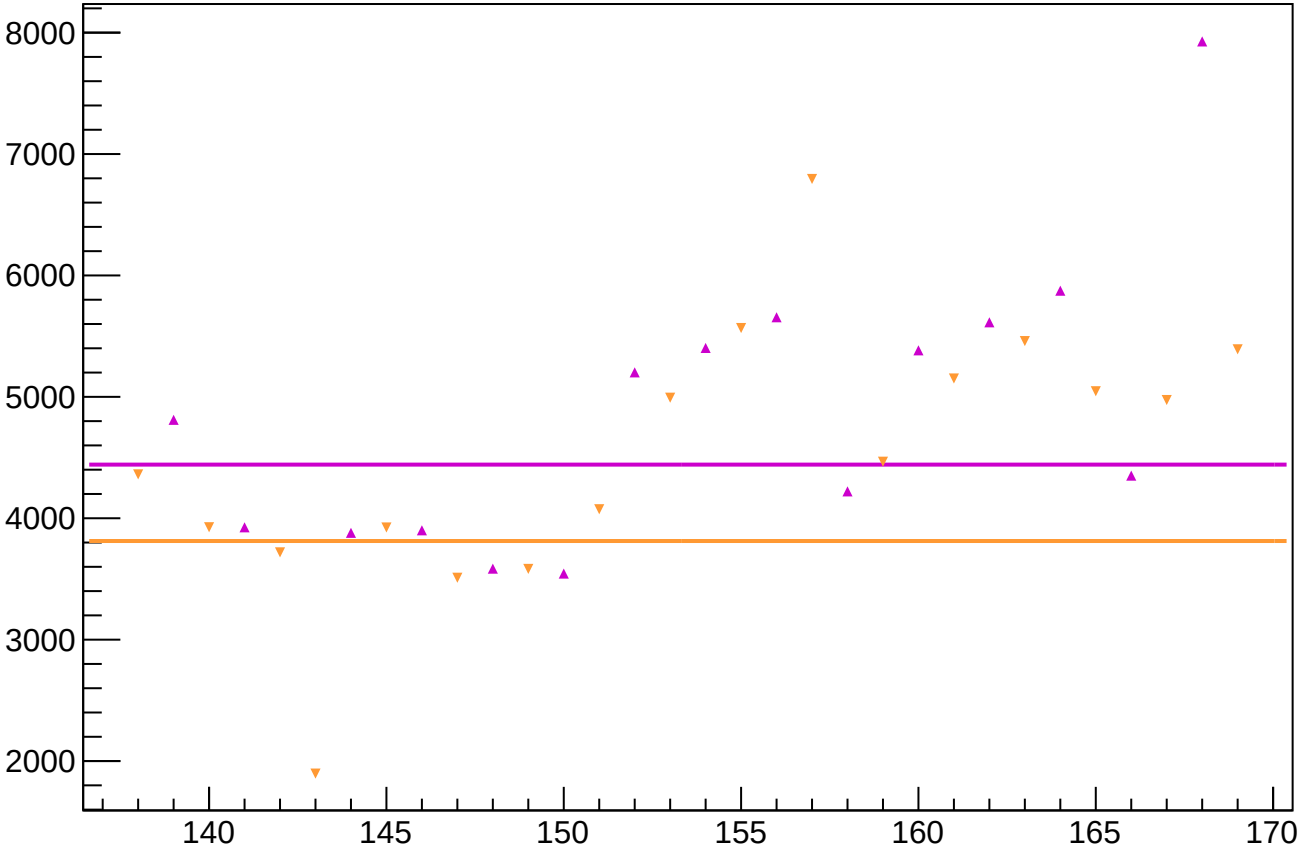
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1409.396+/-1324.020 χ^2/NDF:10.3/14

Out: -359.514+/-1136.550 χ^2/NDF:22.3/16

All: -804.926+/-862.394 χ^2/NDF: 33.0/31

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: 3812.534+/-0.804 χ^2/NDF:2491713.2/16

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

Left In: 4441.869+/-0.936 χ^2/NDF:978362.8/14

Left: 4079.530+/-0.610 χ^2/NDF: 3730234.2/31

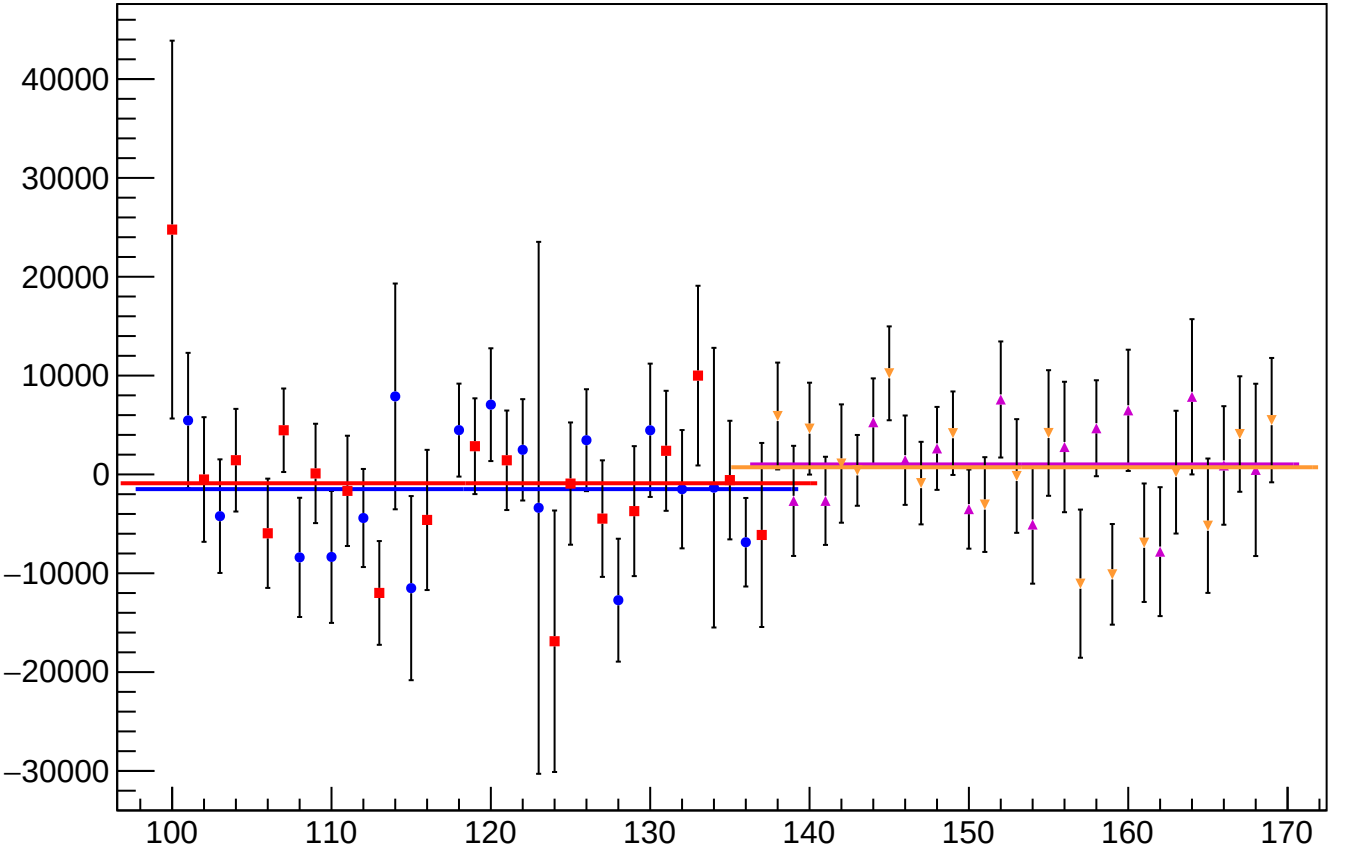
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4441.869+/-0.936 χ^2/NDF:978362.8/14

Out: 3812.534+/-0.804 χ^2/NDF:2491713.2/16

All: 4079.530+/-0.610 χ^2/NDF: 3730234.2/31

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: 725.122+/-1261.001 χ^2/NDF:17.7/16

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

Left In: 1011.481+/-1372.278 χ^2/NDF:9.8/14

Left: 856.222+/-928.514 χ^2/NDF: 27.5/31

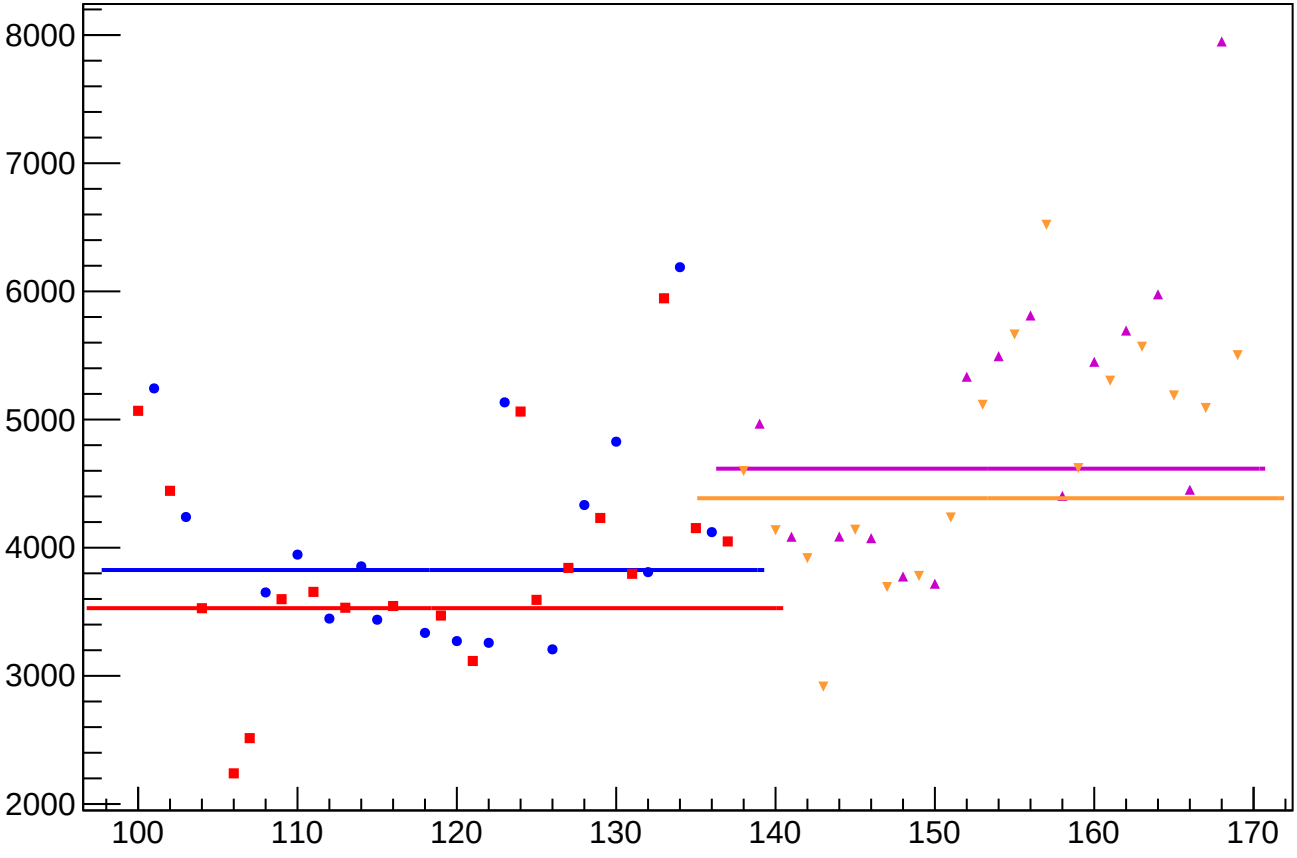
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -127.626+/-1012.223 χ^2/NDF:28.0/31

Out: -12.340+/-930.560 χ^2/NDF:32.6/35

All: -65.145+/-685.059 χ^2/NDF: 60.5/67

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: 4386.057+/-0.892 χ^2/NDF:979778.5/16

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

Left In: 4616.627+/-0.970 χ^2/NDF:862375.6/14

Left: 4491.616+/-0.657 χ^2/NDF: 1872766.4/31

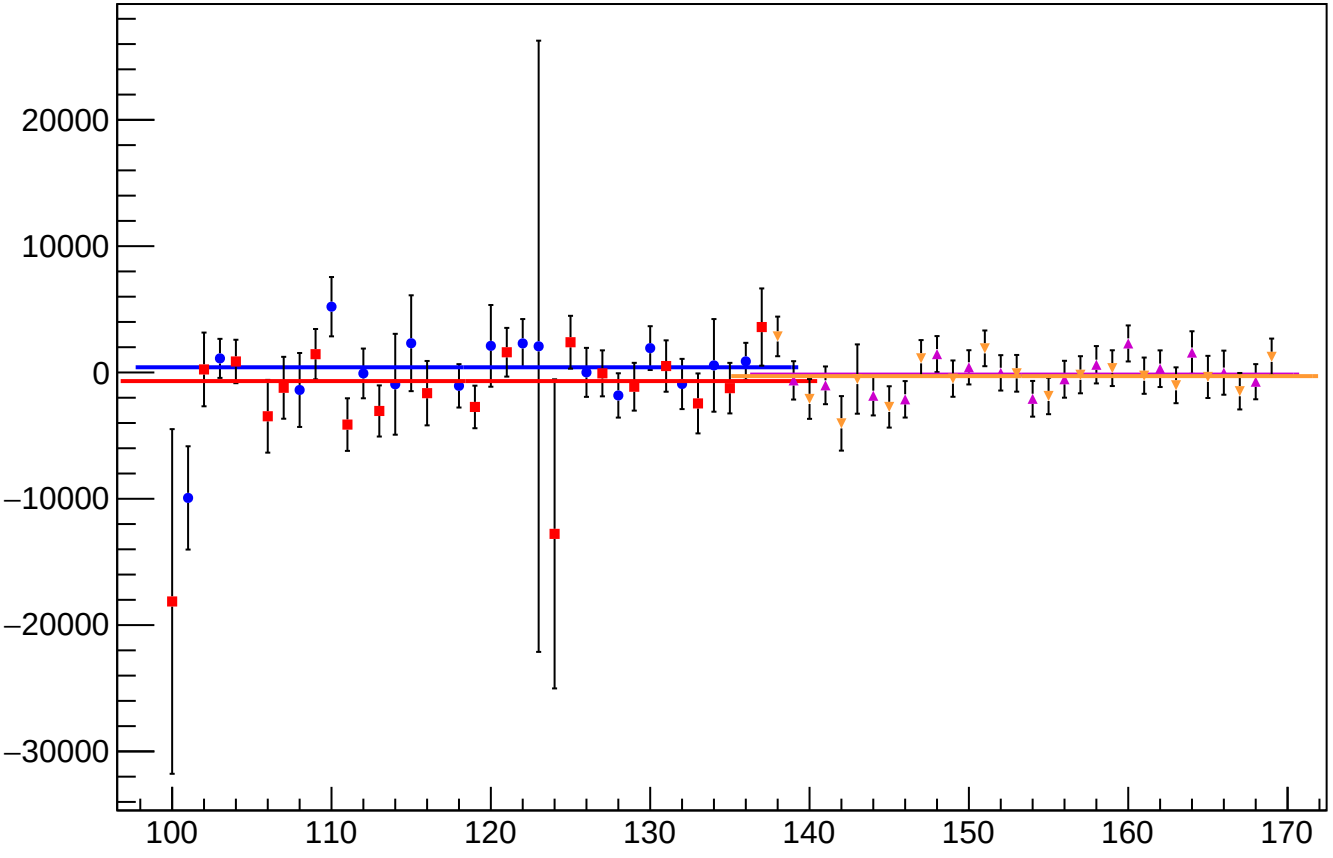
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 4256.088+/-0.716 χ^2/NDF:1499579.2/31

Out: 3991.520+/-0.655 χ^2/NDF:1960846.4/35

All: 4112.156+/-0.483 χ^2/NDF: 3534759.2/67

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: -289.182+/-372.490 χ^2/NDF:17.4/16

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

Left In: -167.526+/-380.490 χ^2/NDF:11.4/14

Left: -229.647+/-266.174 χ^2/NDF: 28.9/31

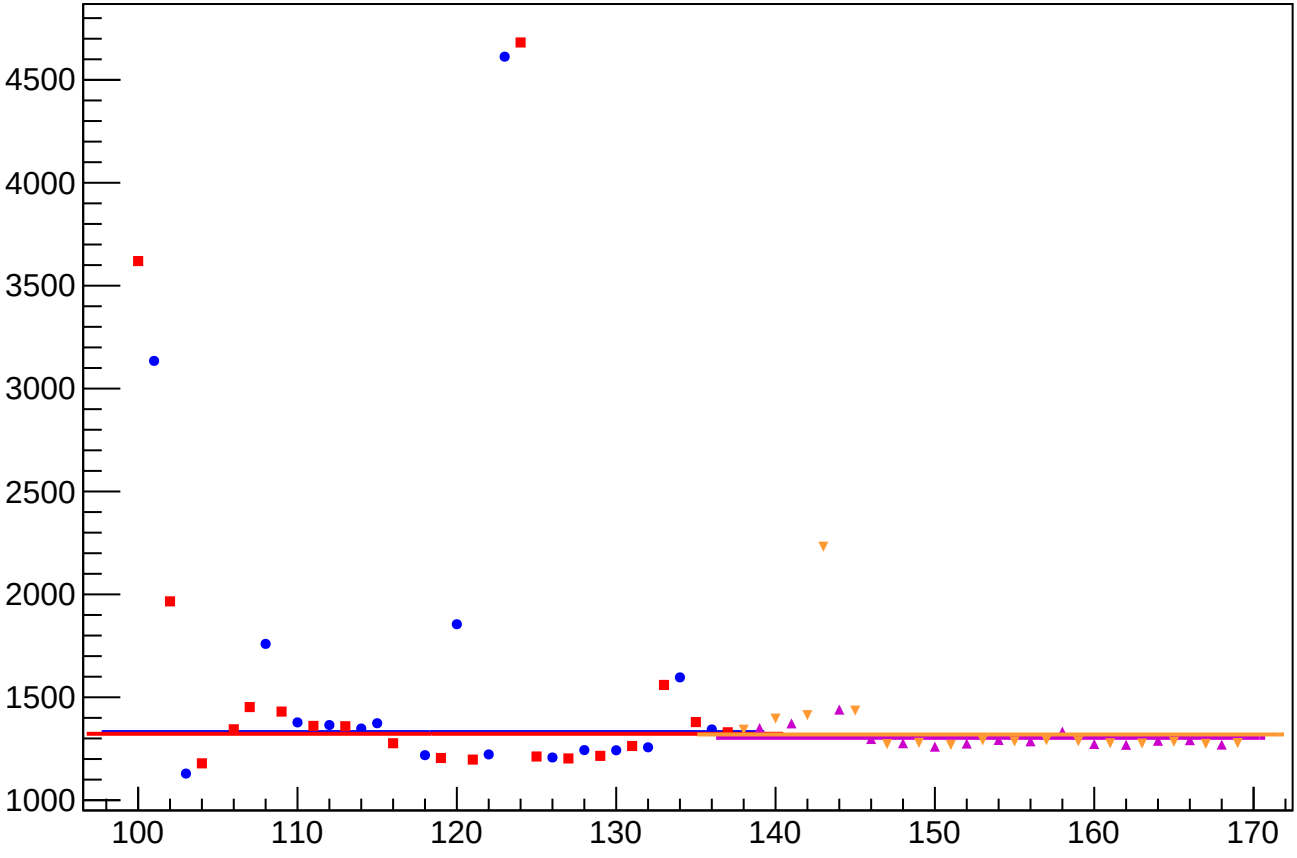
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: 30.369+/-308.685 χ^2/NDF:28.7/31

Out: -425.826+/-300.842 χ^2/NDF:35.8/35

All: -203.598+/-215.447 χ^2/NDF: 65.7/67

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: 1319.359+/-0.263 χ^2/NDF:258291.0/16

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

Left In: 1303.034+/-0.269 χ^2/NDF:29865.7/14

Left: 1311.370+/-0.188 χ^2/NDF: 290036.7/31

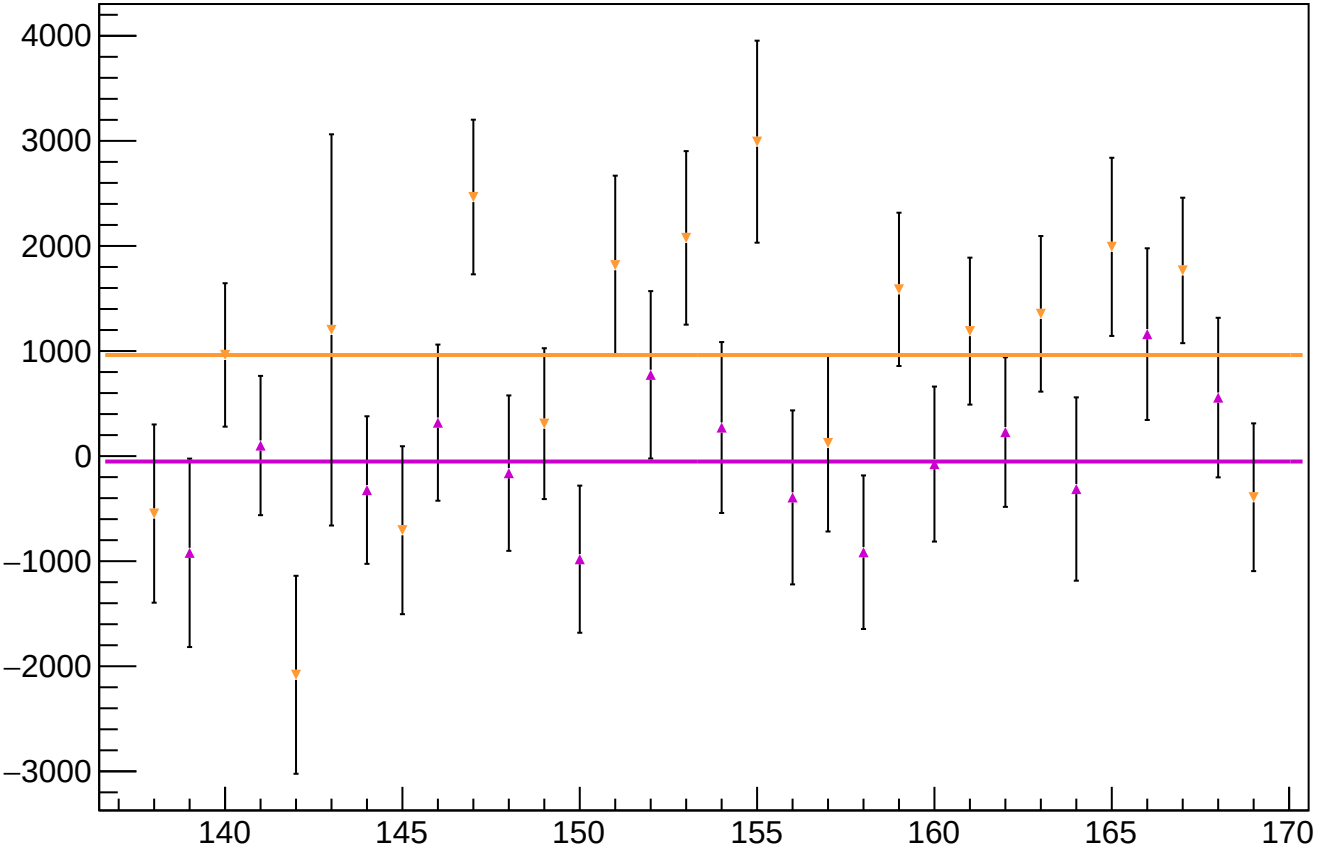
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1312.555+/-0.218 χ^2/NDF:637004.3/31

Out: 1320.523+/-0.213 χ^2/NDF:652760.7/35

All: 1316.641+/-0.152 χ^2/NDF: 1290448.4/67

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: 962.051+/-192.844 χ^2/NDF:38.9/16

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

Left In: -51.608+/-196.101 χ^2/NDF:9.1/14

Left: 463.710+/-137.498 χ^2/NDF: 61.5/31

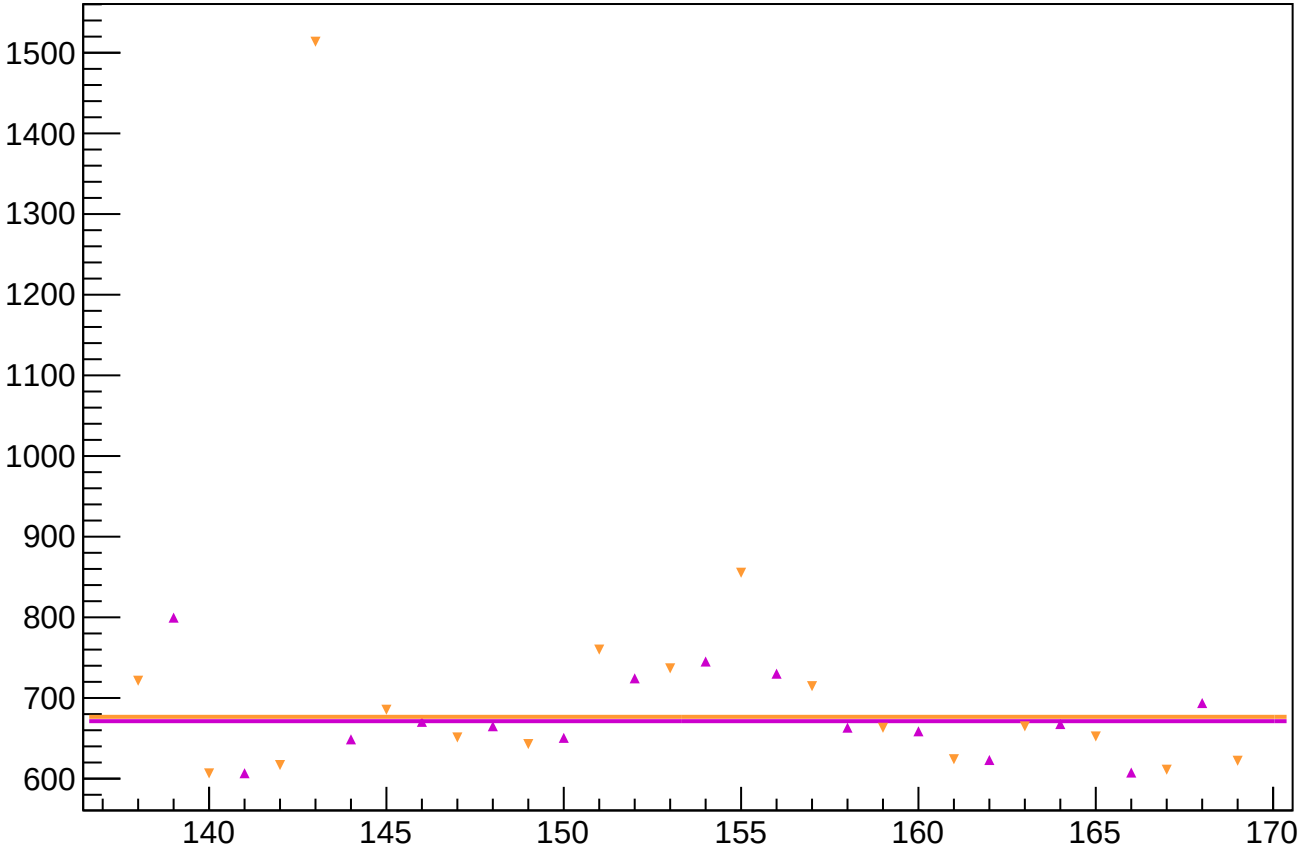
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -51.608+/-196.101 χ^2/NDF:9.1/14

Out: 962.051+/-192.844 χ^2/NDF:38.9/16

All: 463.710+/-137.498 χ^2/NDF: 61.5/31

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: 676.668+/-0.136 χ^2/NDF:593149.8/16

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

Left In: 671.240+/-0.139 χ^2/NDF:123343.4/14

Left: 674.000+/-0.097 χ^2/NDF: 717272.2/31

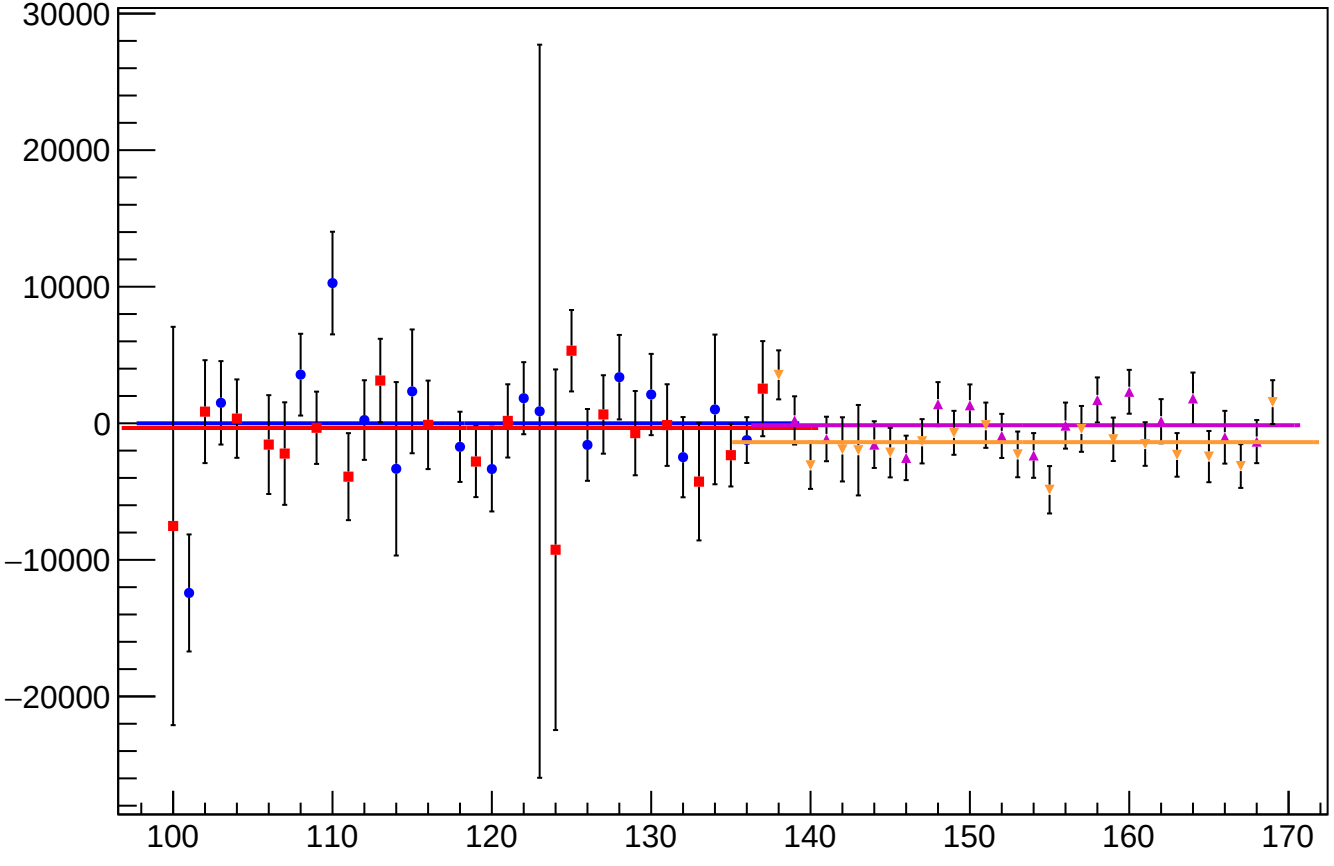
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 671.240+/-0.139 χ^2/NDF:123343.4/14

Out: 676.668+/-0.136 χ^2/NDF:593149.8/16

All: 674.000+/-0.097 χ^2/NDF: 717272.2/31

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: -1380.570+/-421.157 χ^2/NDF:19.4/16

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

Left In: -141.492+/-429.393 χ^2/NDF:12.6/14

Left: -773.028+/-300.672 χ^2/NDF: 36.3/31

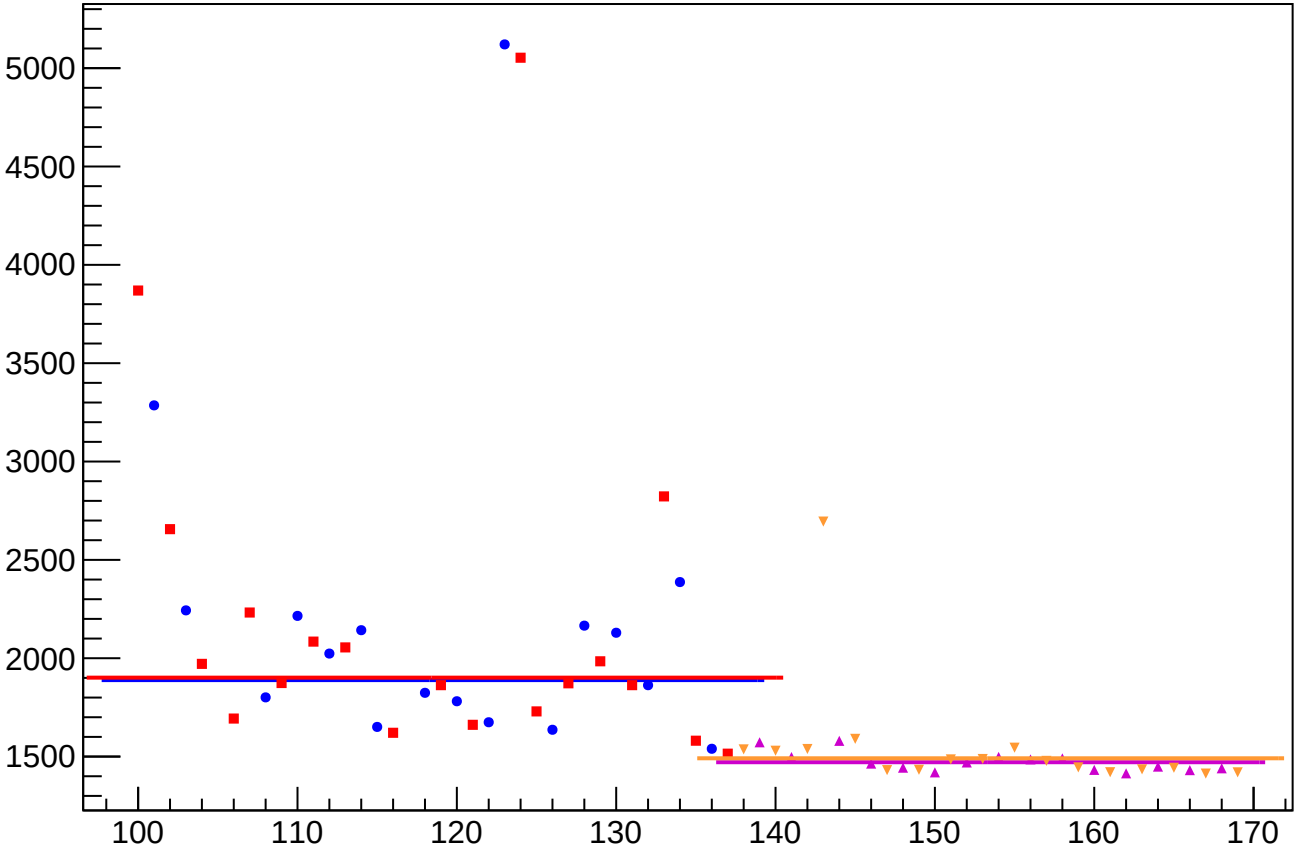
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -106.764+/-372.031 χ^2/NDF:36.2/31

Out: -1123.967+/-365.261 χ^2/NDF:31.6/35

All: -624.705+/-260.639 χ^2/NDF: 71.6/67

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: 1491.277+/-0.298 χ^2/NDF:298784.3/16

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

Left In: 1471.297+/-0.304 χ^2/NDF:24603.1/14

Left: 1481.480+/-0.213 χ^2/NDF: 325594.4/31

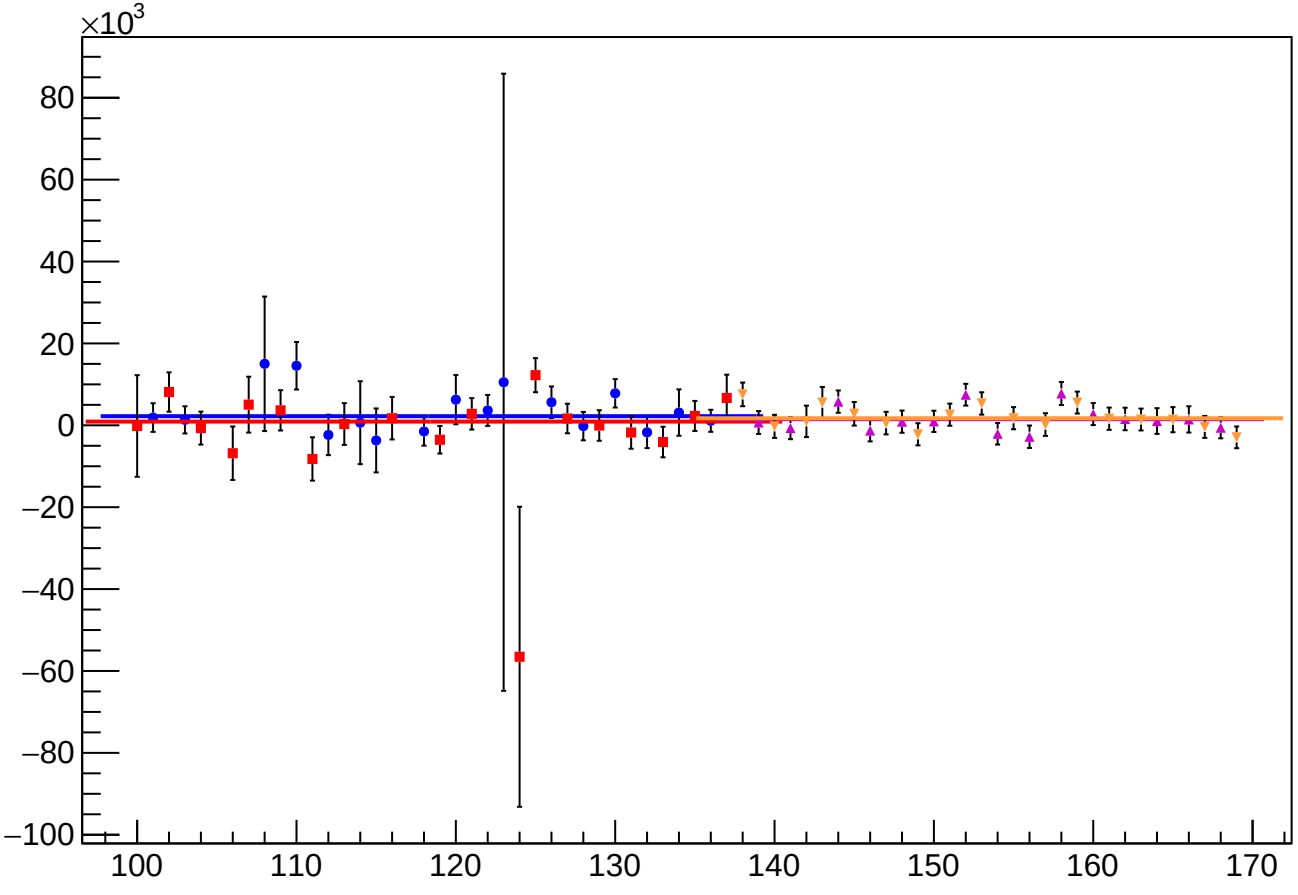
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1575.397+/-0.263 χ^2/NDF:961900.1/31

Out: 1592.880+/-0.258 χ^2/NDF:1229888.5/35

All: 1584.299+/-0.184 χ^2/NDF: 2194037.5/67

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1721.015+/-688.297 χ^2/NDF:16.0/16

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

Left In: 1494.649+/-709.241 χ^2/NDF:19.6/14

Left: 1611.224+/-493.938 χ^2/NDF: 35.6/31

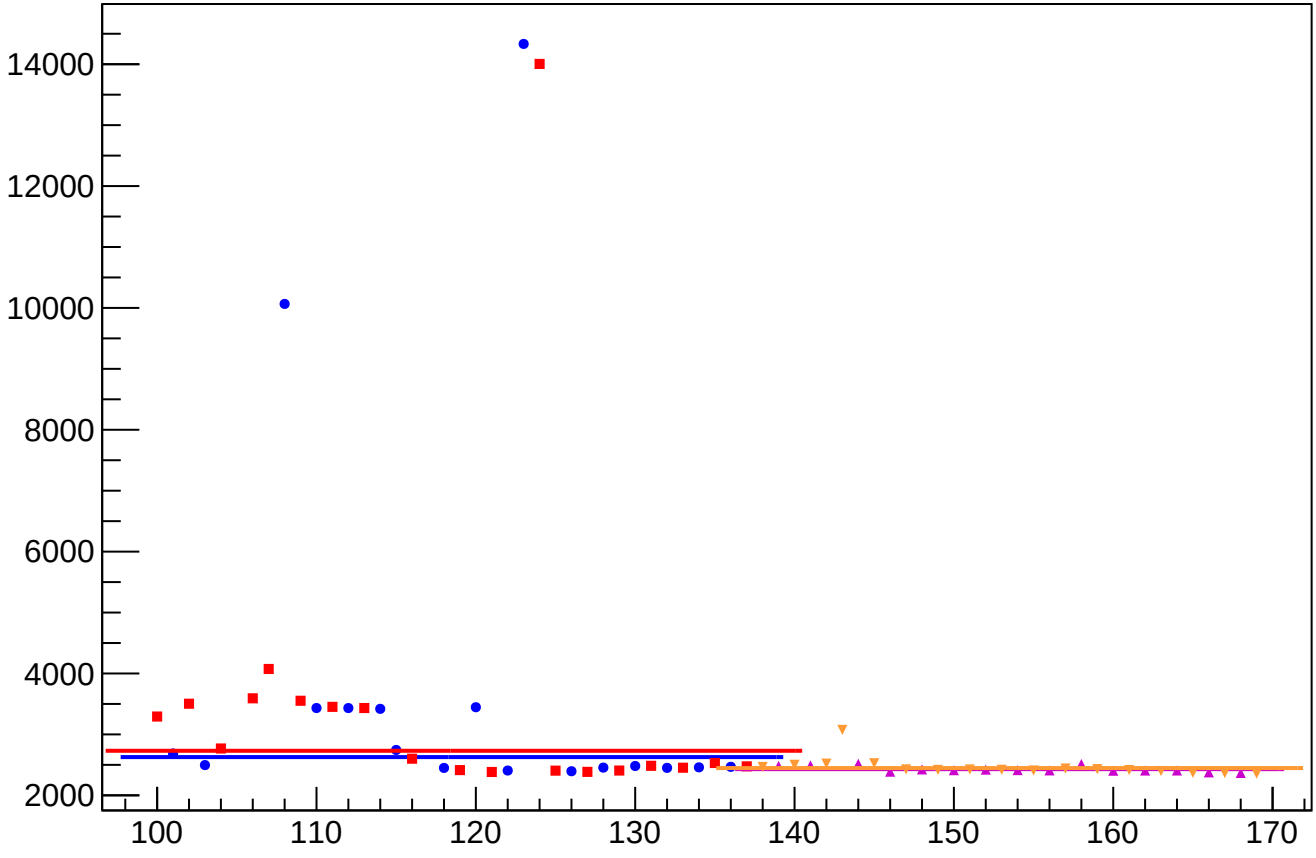
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1727.508+/-585.827 χ^2/NDF:33.5/31

Out: 1475.590+/-575.126 χ^2/NDF:39.3/35

All: 1599.227+/-410.407 χ^2/NDF: 72.9/67

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2447.397+/-0.487 χ^2/NDF:64773.1/16

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

Left In: 2429.700+/-0.502 χ^2/NDF:8590.5/14

Left: 2438.813+/-0.349 χ^2/NDF: 74004.8/31

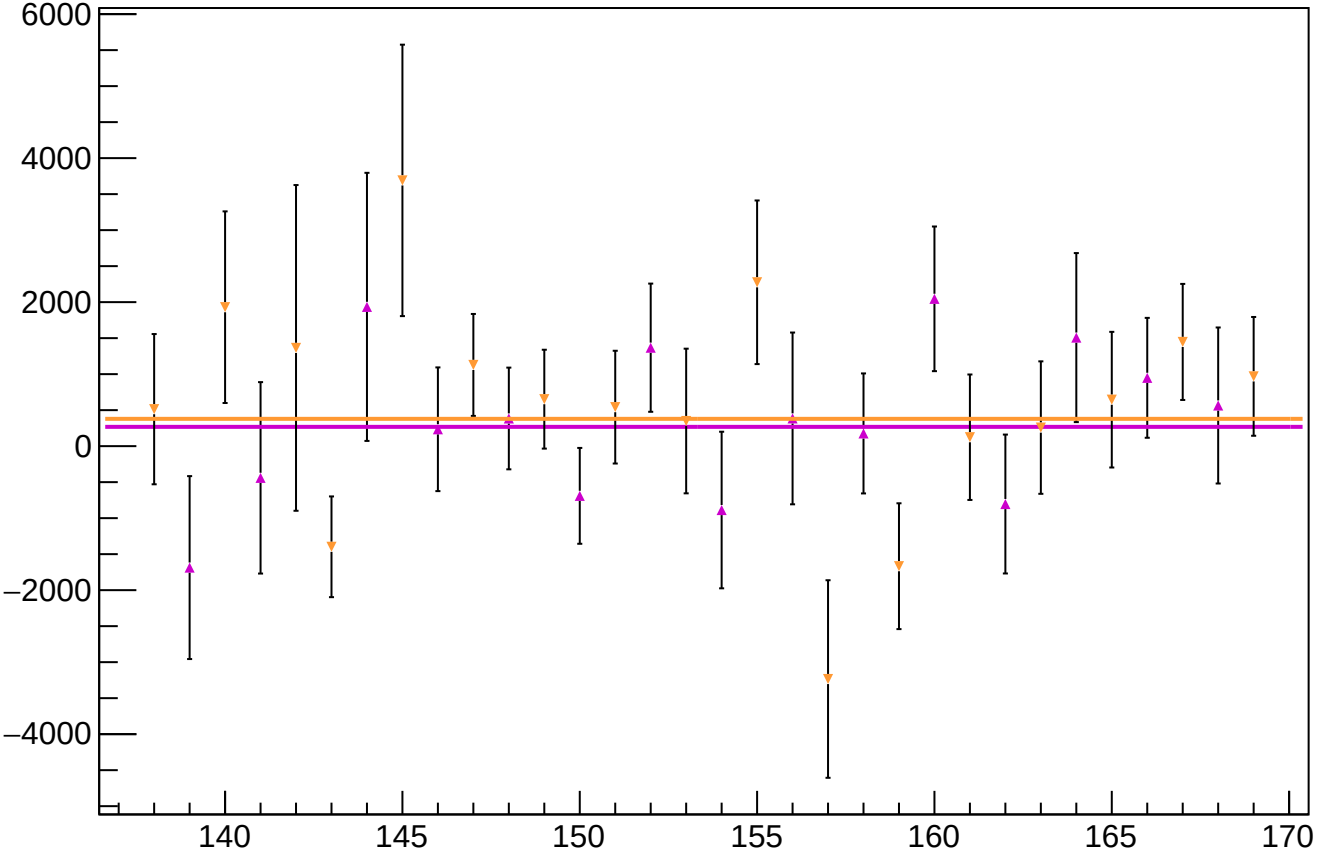
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2492.570+/-0.414 χ^2/NDF:702449.1/31

Out: 2533.073+/-0.407 χ^2/NDF:765655.3/35

All: 2513.195+/-0.290 χ^2/NDF: 1472972.5/67

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 379.218+/-223.636 χ^2/NDF:30.1/16

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

Left In: 267.919+/-246.723 χ^2/NDF:14.5/14

Left: 329.019+/-165.697 χ^2/NDF: 44.7/31

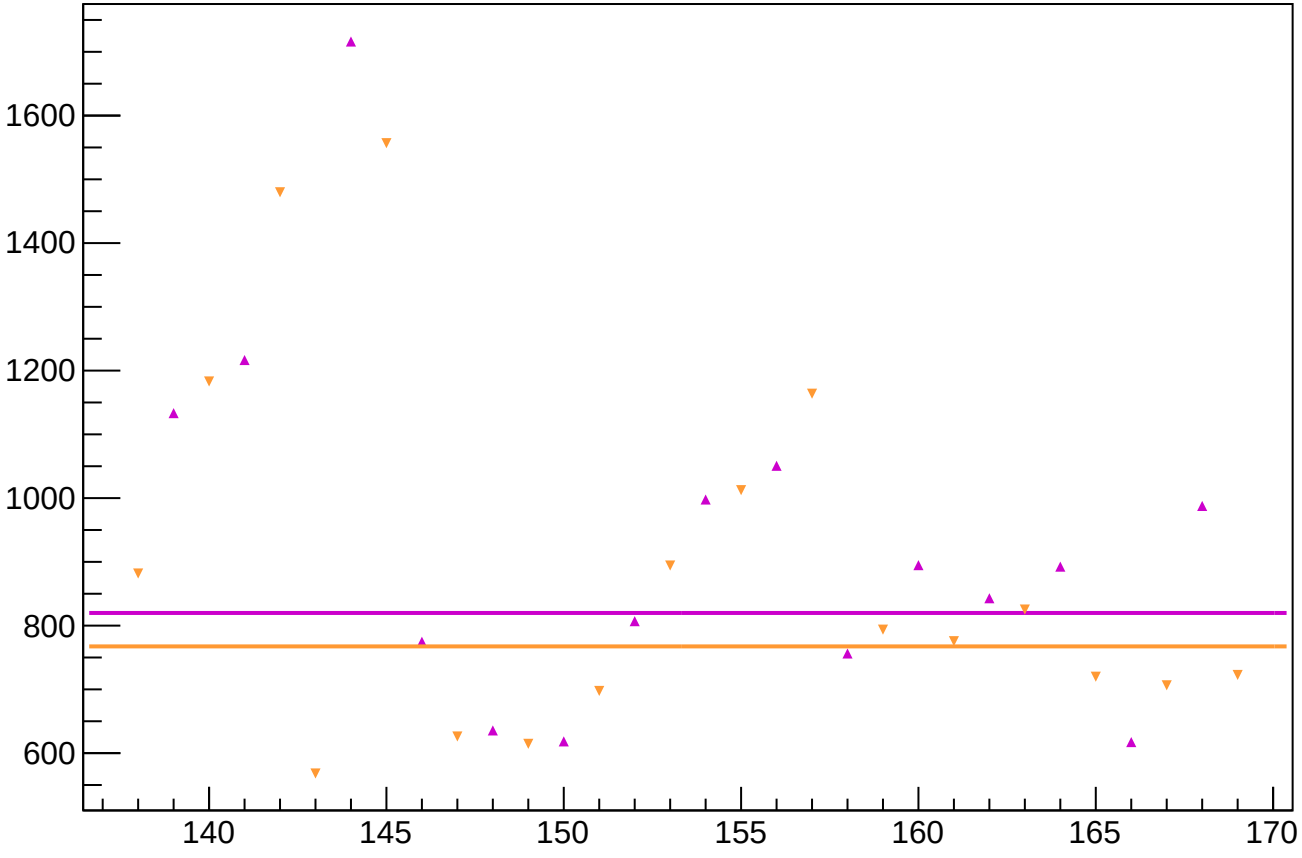
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 267.919+/-246.723 χ^2/NDF:14.5/14

Out: 379.218+/-223.636 χ^2/NDF:30.1/16

All: 329.019+/-165.697 χ^2/NDF: 44.7/31

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 767.403+/-0.158 χ^2/NDF:1449405.6/16

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

Left In: 819.861+/-0.174 χ^2/NDF:1415123.6/14

Left: 791.063+/-0.117 χ^2/NDF: 2914161.7/31

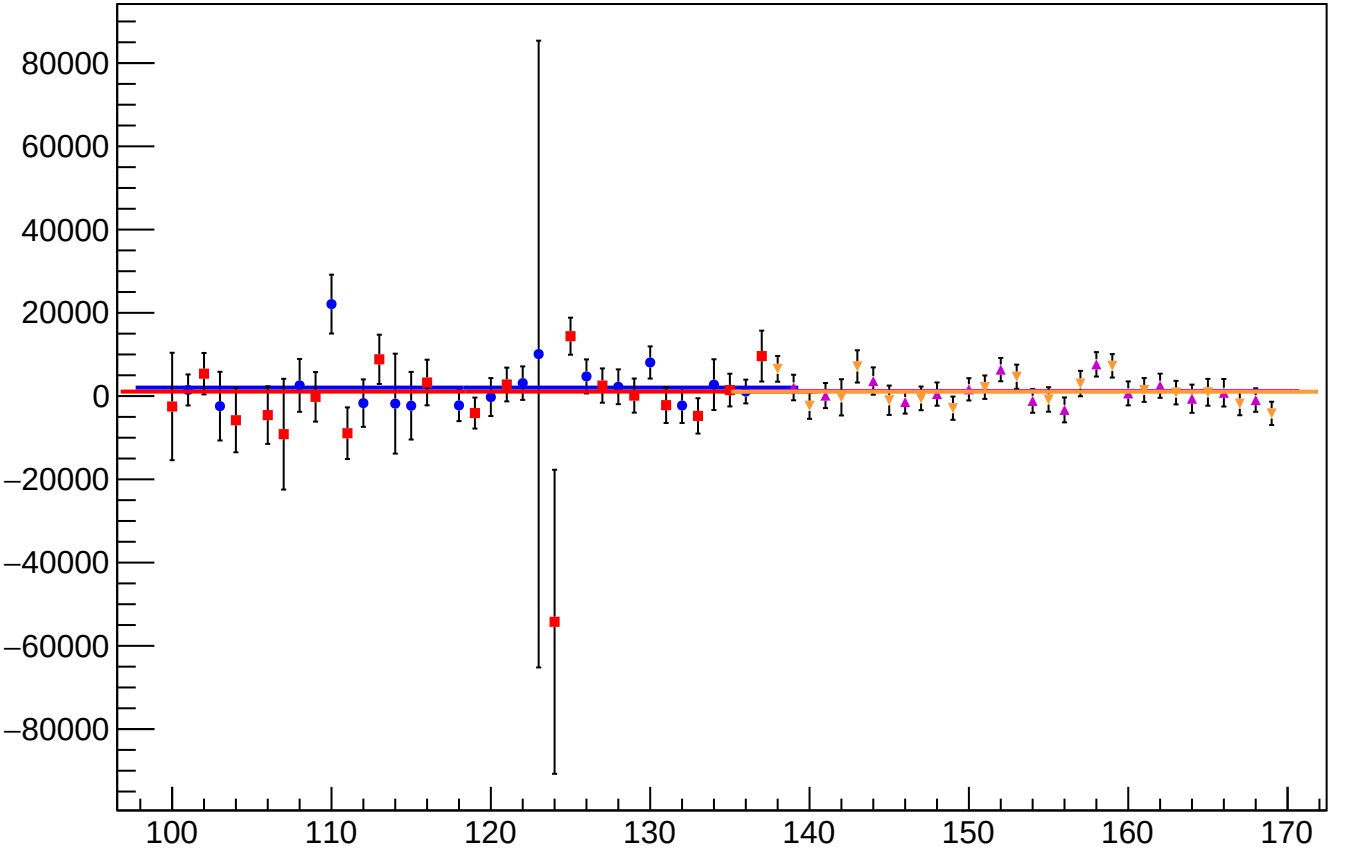
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 819.861+/-0.174 χ^2/NDF:1415123.6/14

Out: 767.403+/-0.158 χ^2/NDF:1449405.6/16

All: 791.063+/-0.117 χ^2/NDF: 2914161.7/31

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1057.047+/-734.853 χ^2/NDF:21.5/16

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

Left In: 1231.433+/-760.992 χ^2/NDF:14.0/14

Left: 1141.194+/-528.619 χ^2/NDF: 35.5/31

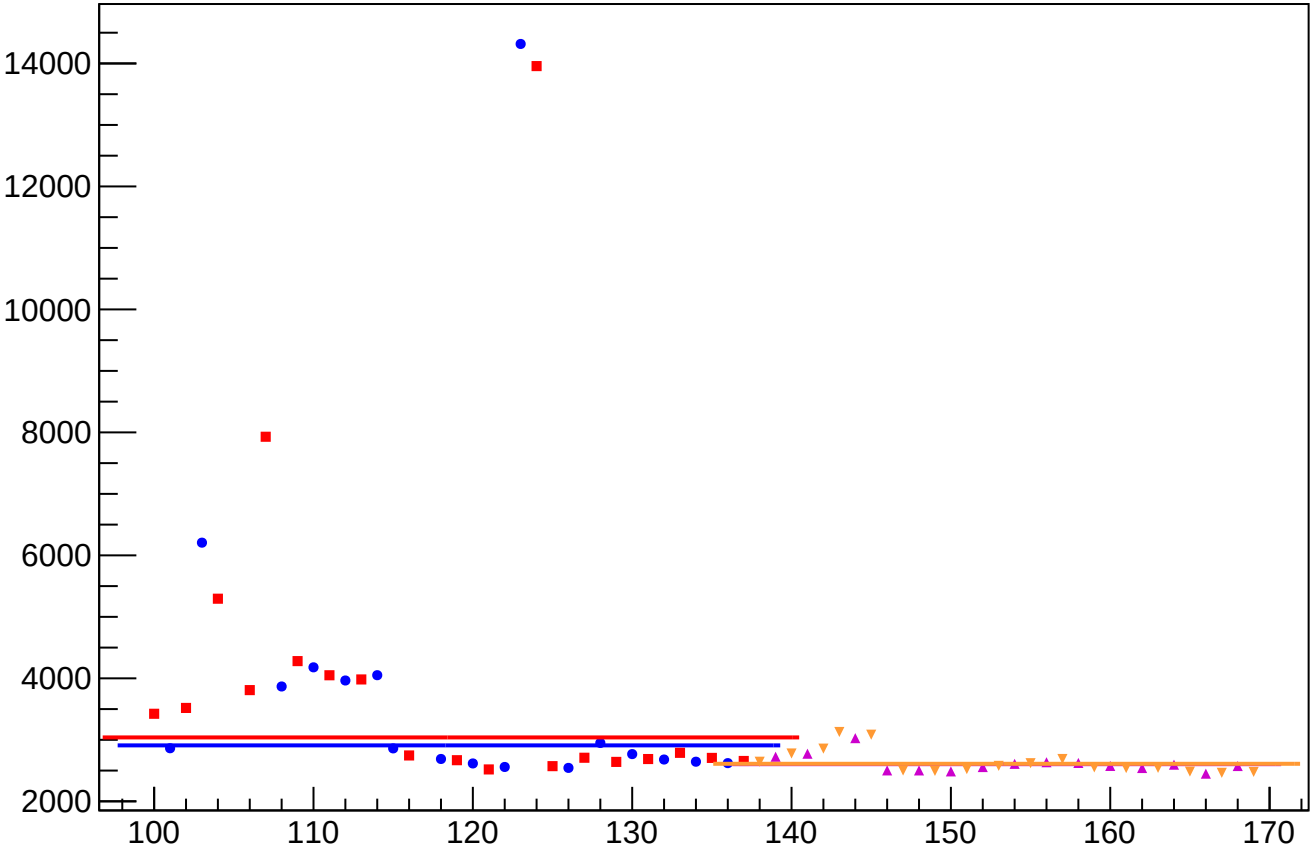
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1476.581+/-634.863 χ^2/NDF:29.2/31

Out: 1063.444+/-624.761 χ^2/NDF:46.8/35

All: 1266.699+/-445.301 χ^2/NDF: 76.2/67

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2610.223+/-0.520 χ^2/NDF:110189.4/16

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2603.937+/-0.538 χ^2/NDF:58513.3/14

Left: 2607.190+/-0.374 χ^2/NDF: 168773.4/31

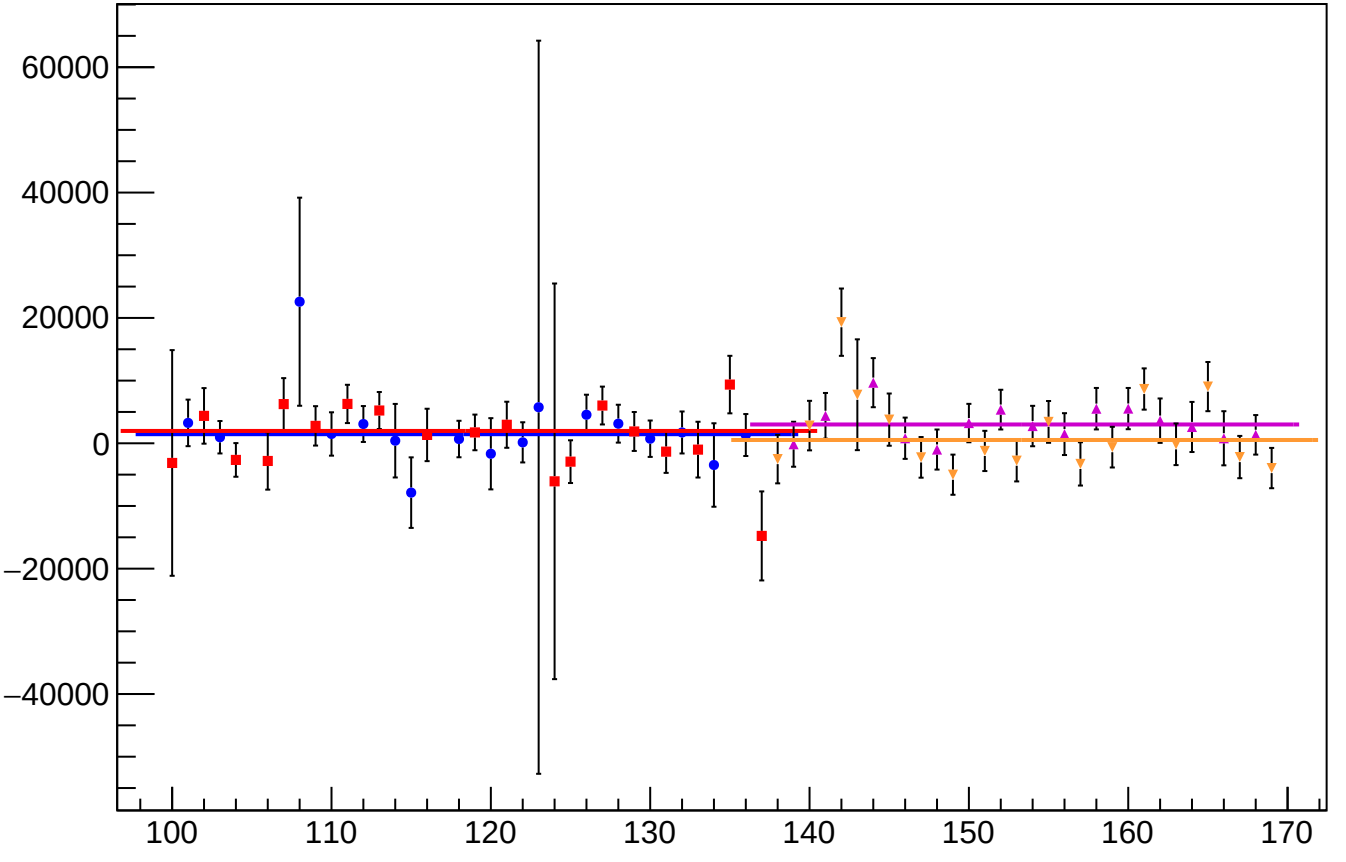
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2696.903+/-0.449 χ^2/NDF:798588.5/31

Out: 2729.106+/-0.442 χ^2/NDF:1310339.1/35

All: 2713.263+/-0.315 χ^2/NDF: 2111541.9/67

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 527.377+/-870.881 χ^2/NDF:35.0/16

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 3002.591+/-883.767 χ^2/NDF:8.4/14

Left: 1746.807+/-620.312 χ^2/NDF: 47.4/31

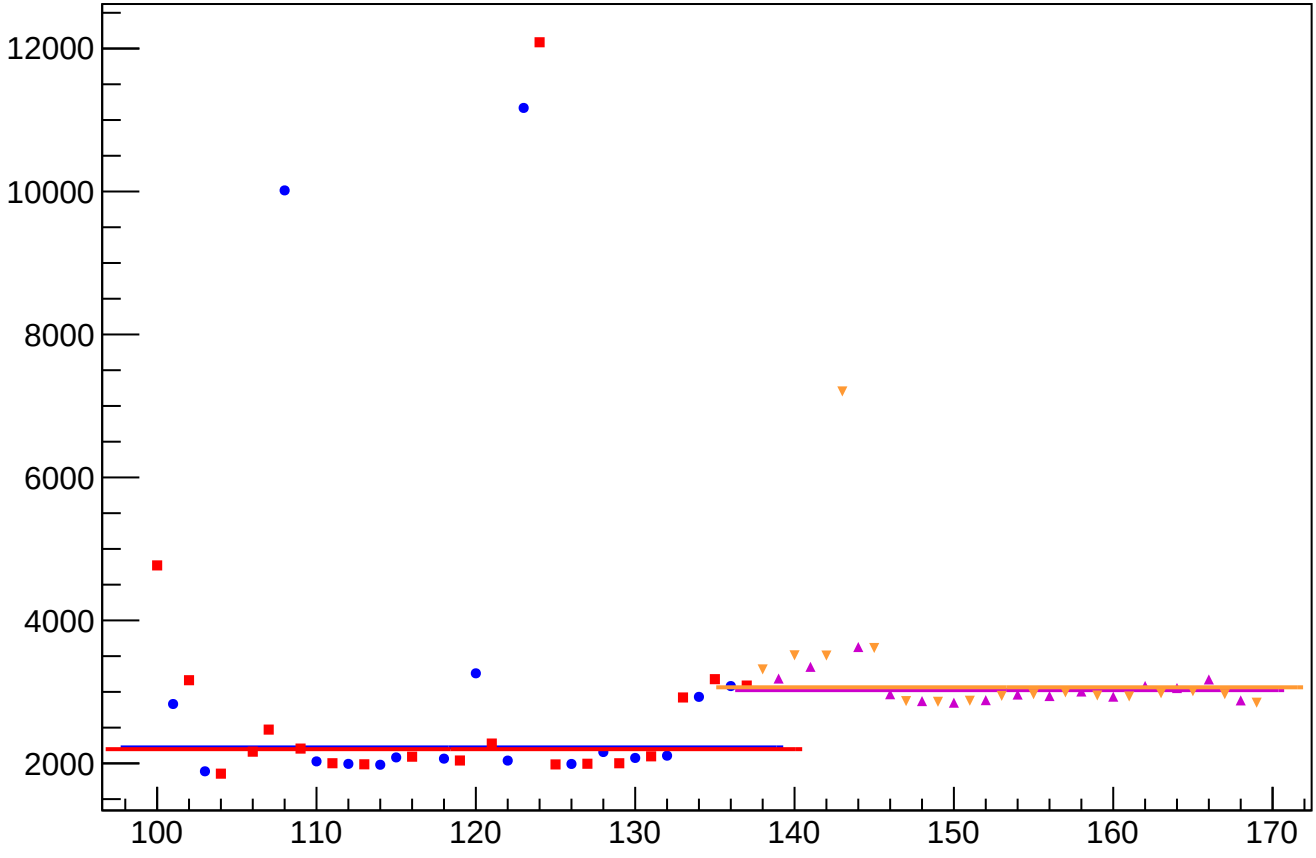
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 2231.870+/-626.763 χ^2/NDF:17.3/31

Out: 1265.357+/-608.469 χ^2/NDF:58.8/35

All: 1734.302+/-436.577 χ^2/NDF: 77.3/67

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3064.152+/-0.616 χ^2/NDF:565896.9/16

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3024.627+/-0.625 χ^2/NDF:93883.4/14

Left: 3044.679+/-0.439 χ^2/NDF: 661809.9/31

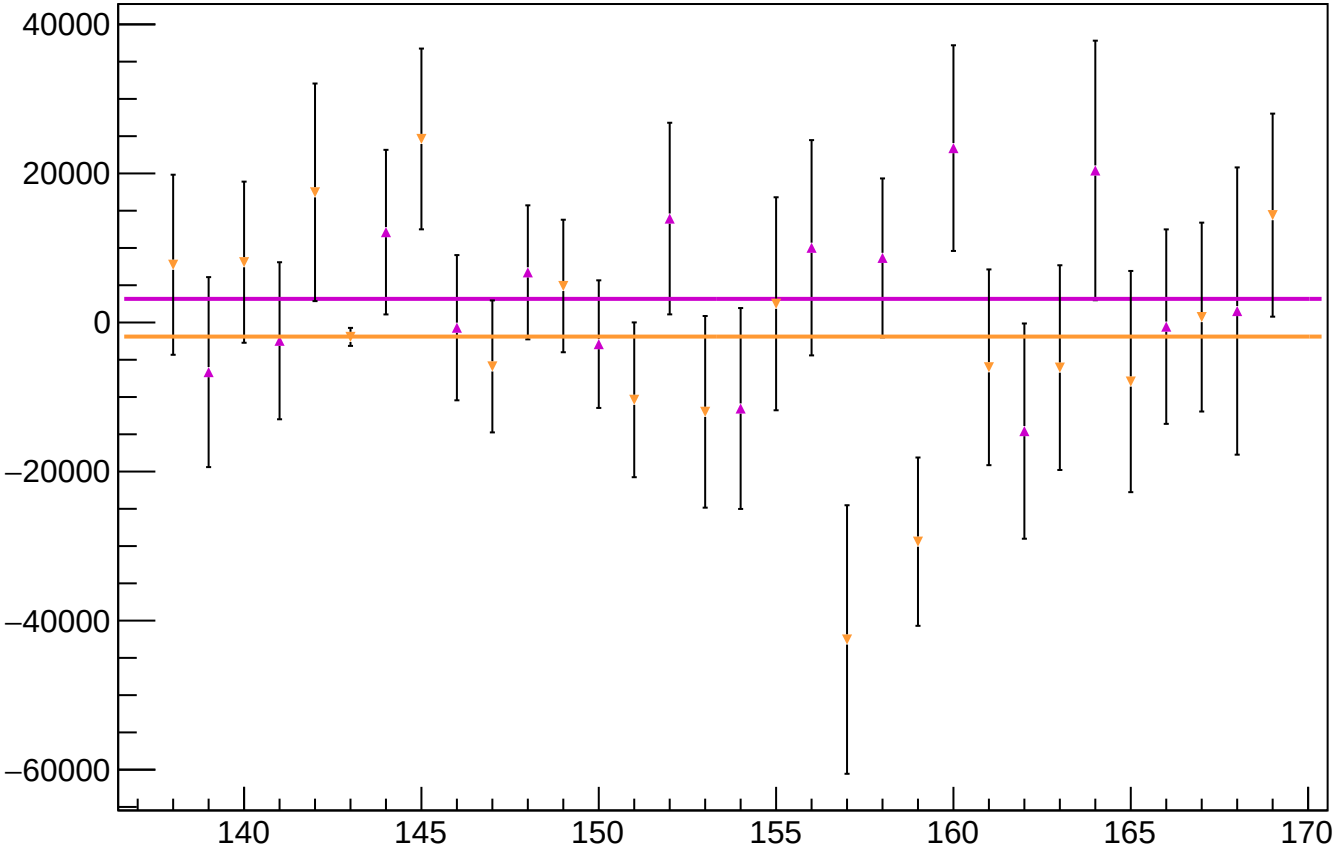
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2626.248+/-0.443 χ^2/NDF:1761790.5/31

Out: 2620.893+/-0.430 χ^2/NDF:2179854.2/35

All: 2623.490+/-0.309 χ^2/NDF: 3941719.9/67

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1889.958+/-1121.388 χ^2/NDF:23.1/16

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

Left In: 3170.166+/-3057.436 χ^2/NDF:9.5/14

Left: -1289.967+/-1052.808 χ^2/NDF: 34.9/31

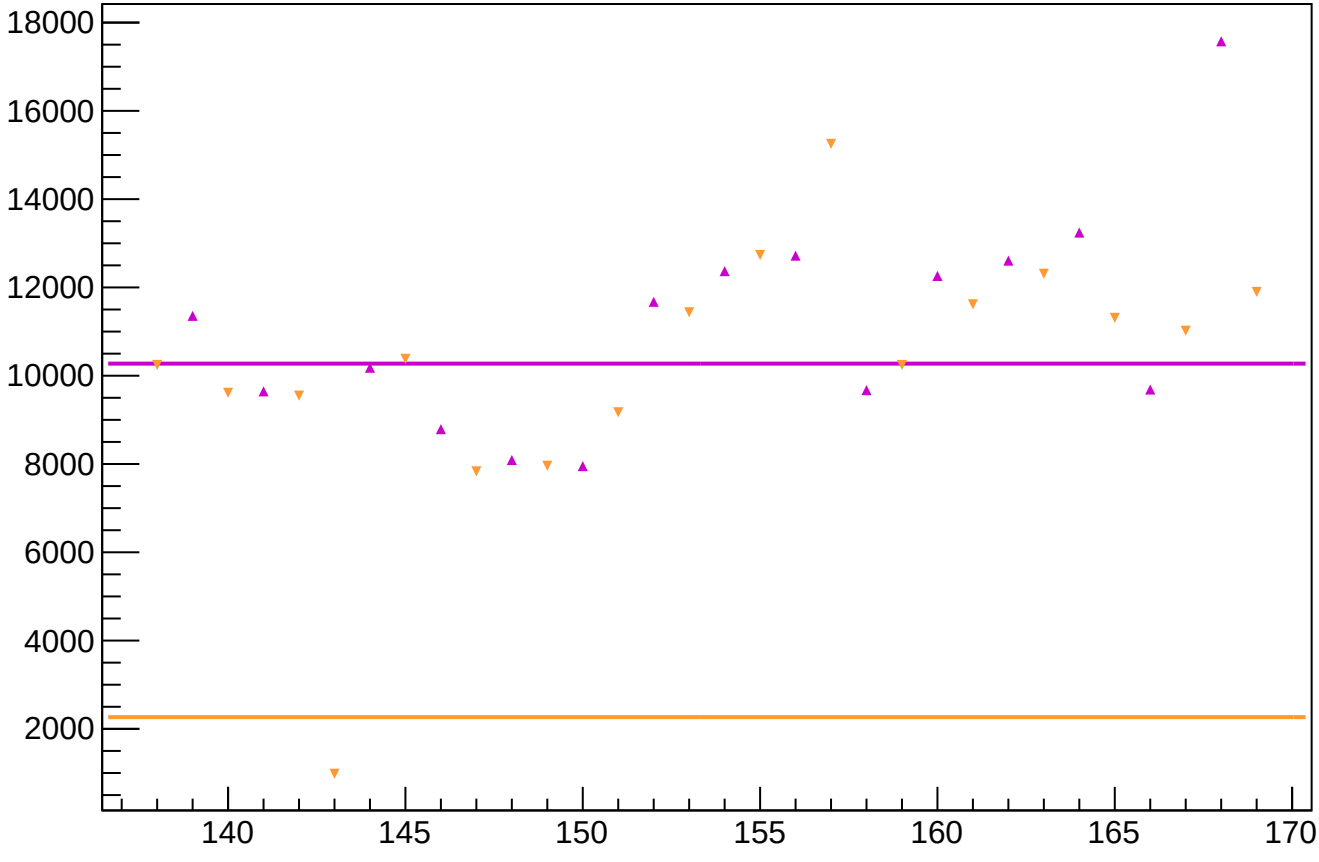
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3170.166+/-3057.436 χ^2/NDF:9.5/14

Out: -1889.958+/-1121.388 χ^2/NDF:23.1/16

All: -1289.967+/-1052.808 χ^2/NDF: 34.9/31

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2265.847+/-0.793 χ^2/NDF:16848395.1/16

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

Left In: 10274.196+/-2.162 χ^2/NDF:911938.5/14

Left: 3215.417+/-0.744 χ^2/NDF: 29854835.3/31

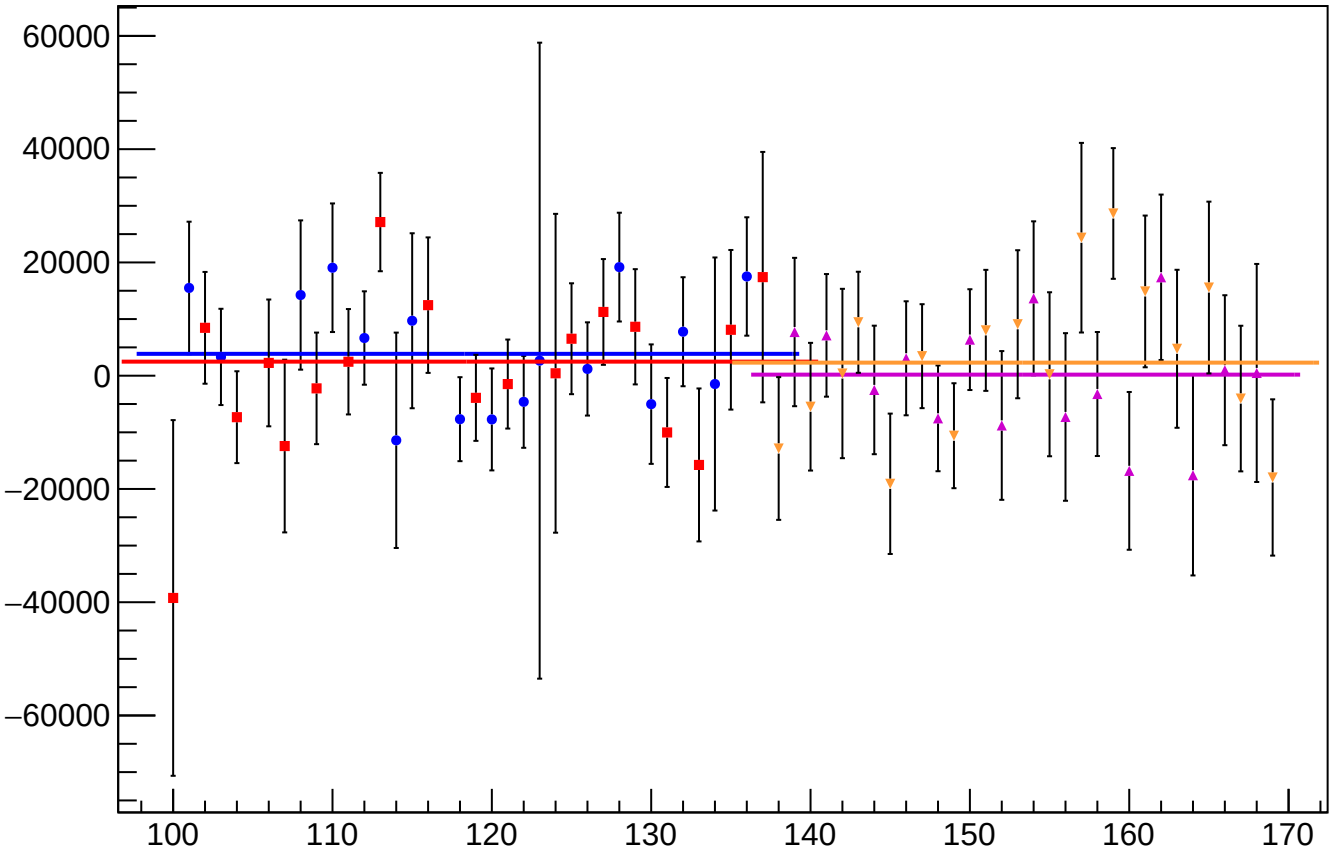
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10274.196+/-2.162 χ^2/NDF:911938.5/14

Out: 2265.847+/-0.793 χ^2/NDF:16848395.1/16

All: 3215.417+/-0.744 χ^2/NDF: 29854835.3/3

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 2306.292+/-2910.570 χ^2/NDF:19.1/16

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 186.038+/-3136.695 χ^2/NDF:7.7/14

Left: 1325.337+/-2133.551 χ^2/NDF: 27.1/31

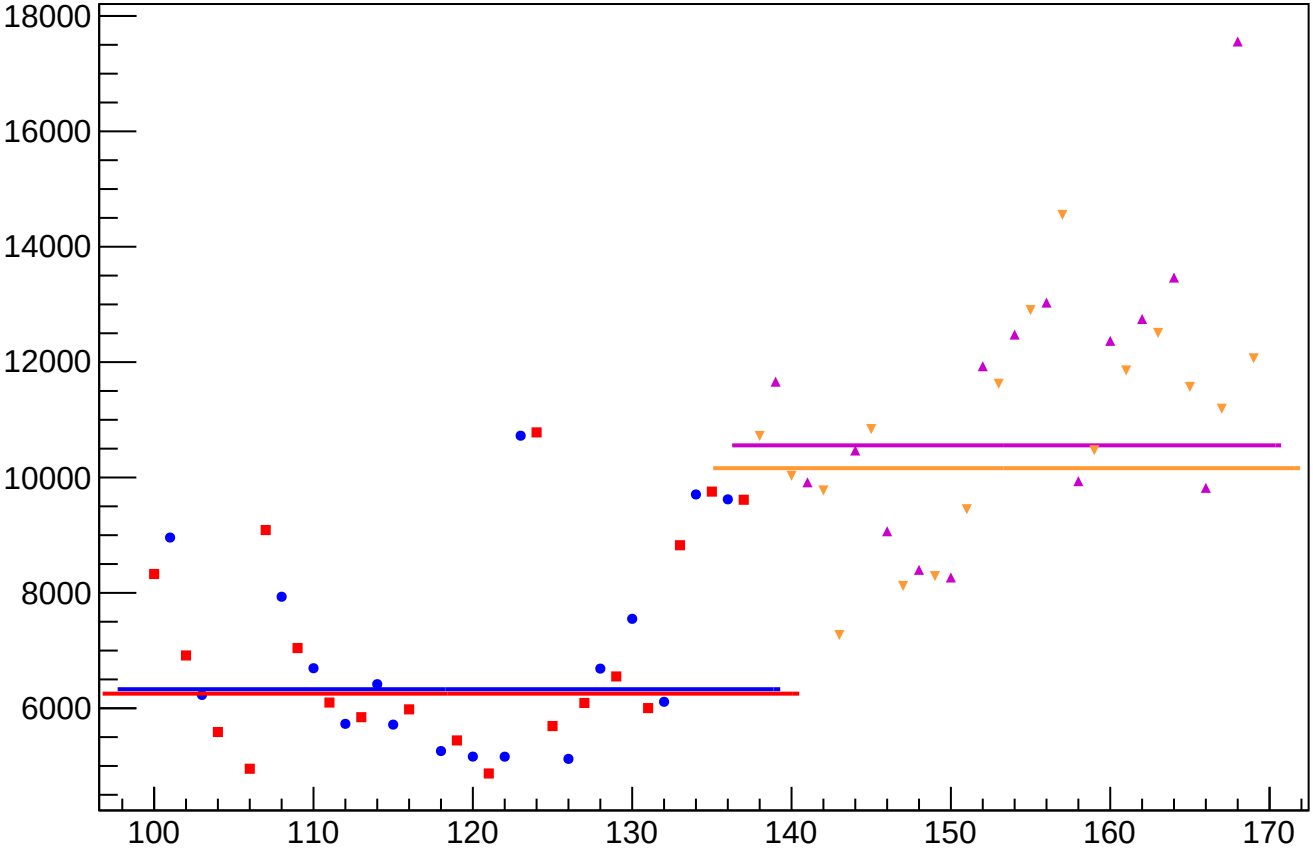
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 2426.577+/-1959.205 χ^2/NDF:23.3/31

Out: 2410.681+/-1861.411 χ^2/NDF:39.2/35

All: 2418.222+/-1349.465 χ^2/NDF: 62.5/67

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 10161.804+/-2.058 χ^2/NDF:803377.5/16

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10557.165+/-2.218 χ^2/NDF:831853.0/14

Left: 10344.722+/-1.509 χ^2/NDF: 1652304.0/31

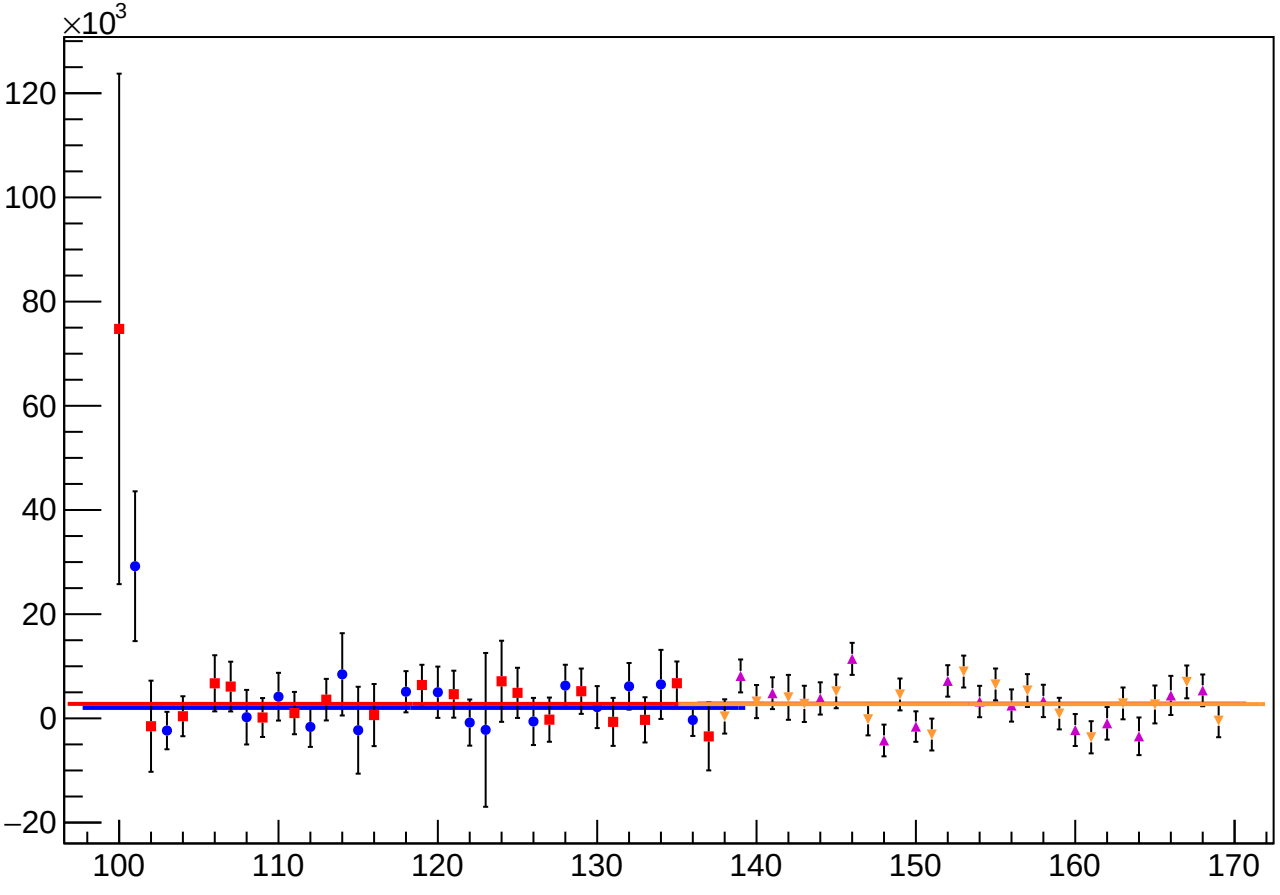
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 7979.334+/-1.385 χ^2/NDF:3640174.6/31

Out: 7851.828+/-1.316 χ^2/NDF:3470248.9/35

All: 7912.318+/-0.954 χ^2/NDF: 7114875.7/67

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2734.248+/-778.059 χ^2/NDF:19.9/16

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 2829.718+/-807.499 χ^2/NDF:29.0/14

Left: 2780.211+/-560.290 χ^2/NDF: 49.0/31

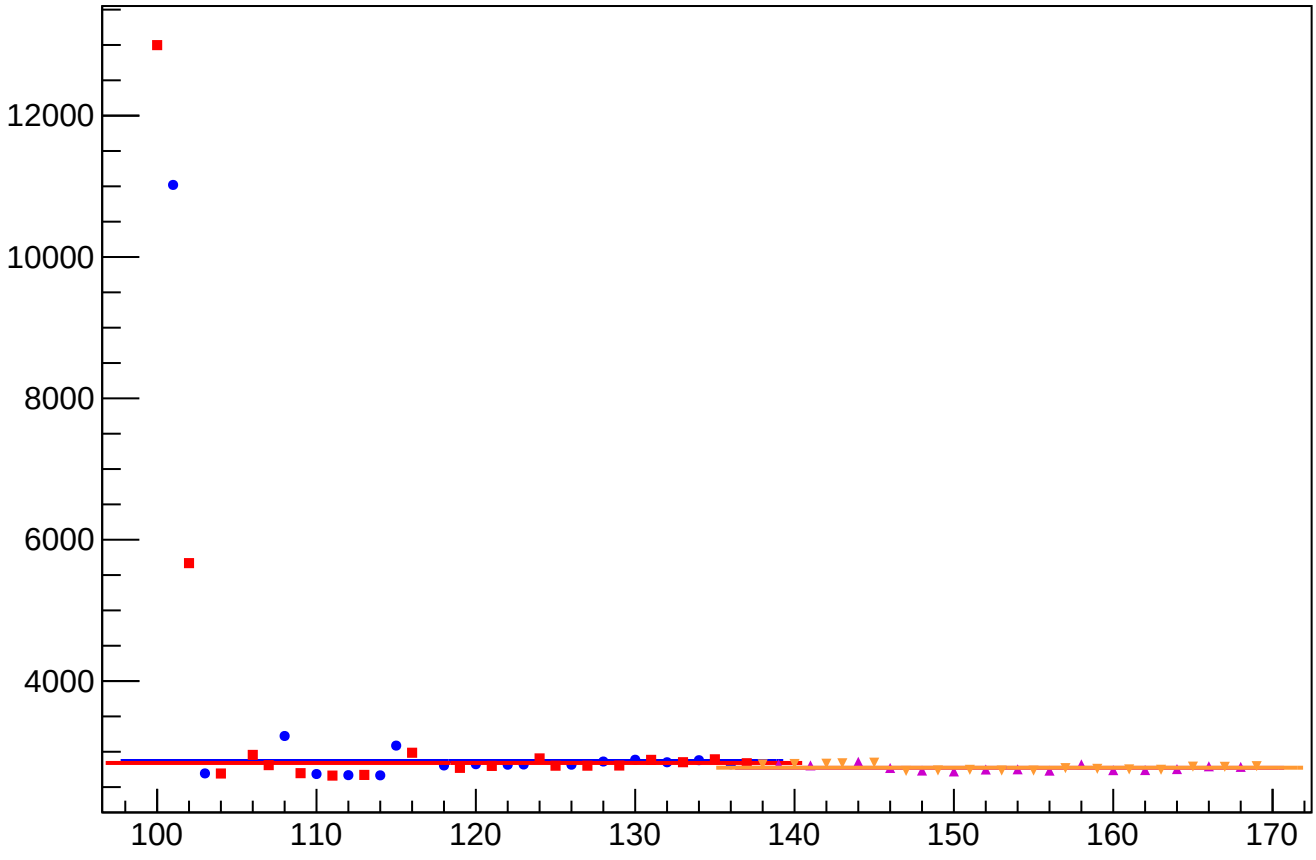
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 2552.443+/-657.821 χ^2/NDF:41.4/31

Out: 2750.104+/-632.519 χ^2/NDF:29.8/35

All: 2655.148+/-455.941 χ^2/NDF: 71.3/67

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2774.312+/-0.550 χ^2/NDF:5091.7/16

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2771.655+/-0.571 χ^2/NDF:4815.1/14

Left: 2773.033+/-0.396 χ^2/NDF: 9918.0/31

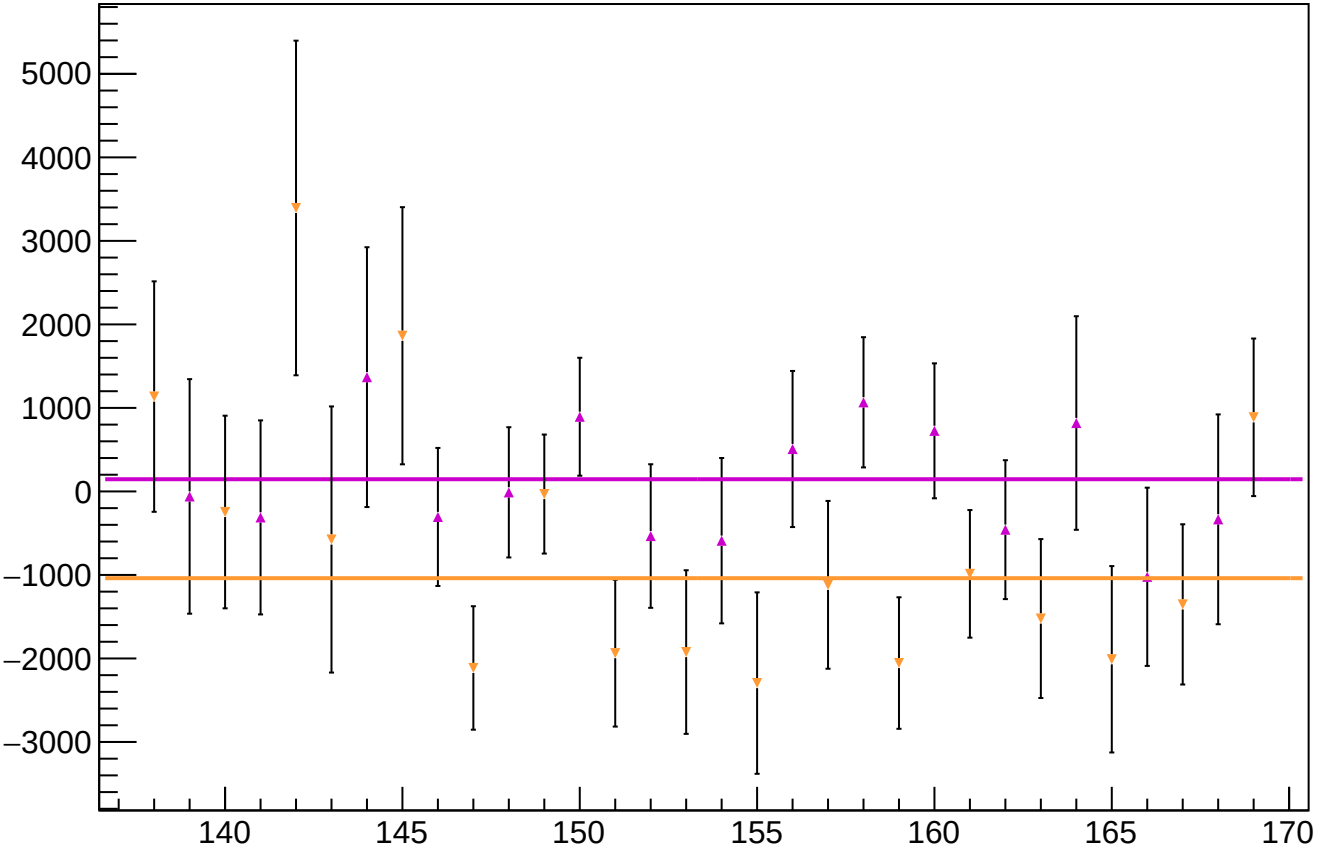
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2804.465+/-0.465 χ^2/NDF:684531.5/31

Out: 2797.117+/-0.447 χ^2/NDF:322681.4/35

All: 2800.647+/-0.322 χ^2/NDF: 1007342.5/67

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -1038.770+/-237.291 χ^2/NDF:25.8/16

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

Left In: 145.999+/-242.245 χ^2/NDF:7.6/14

Left: -458.624+/-169.515 χ^2/NDF: 45.6/31

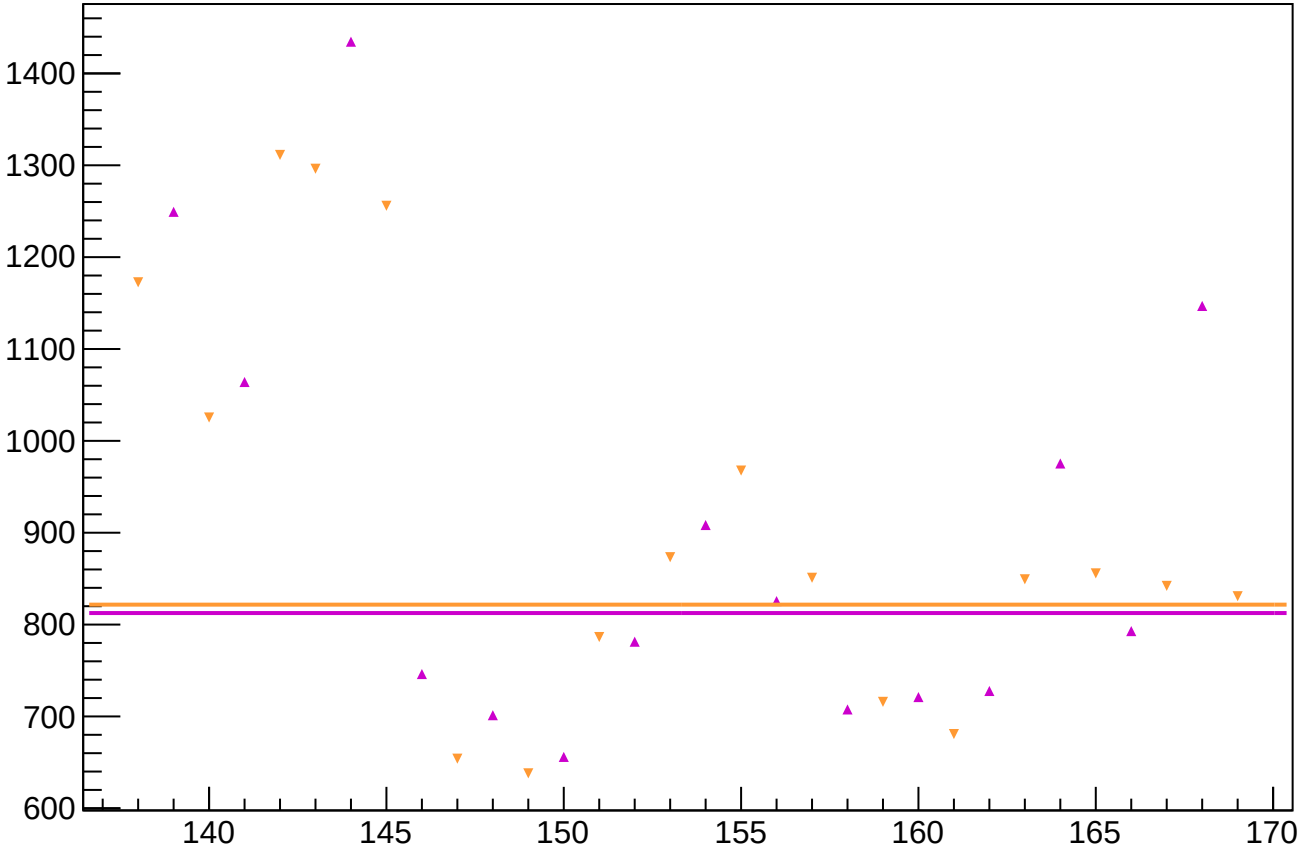
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 145.999+/-242.245 χ^2/NDF:7.6/14

Out: -1038.770+/-237.291 χ^2/NDF:25.8/16

All: -458.624+/-169.515 χ^2/NDF: 45.6/31

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 821.706+/-0.168 χ^2/NDF:1038877.6/16

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

Left In: 812.549+/-0.171 χ^2/NDF:1038171.4/14

Left: 817.222+/-0.120 χ^2/NDF: 2078507.4/31

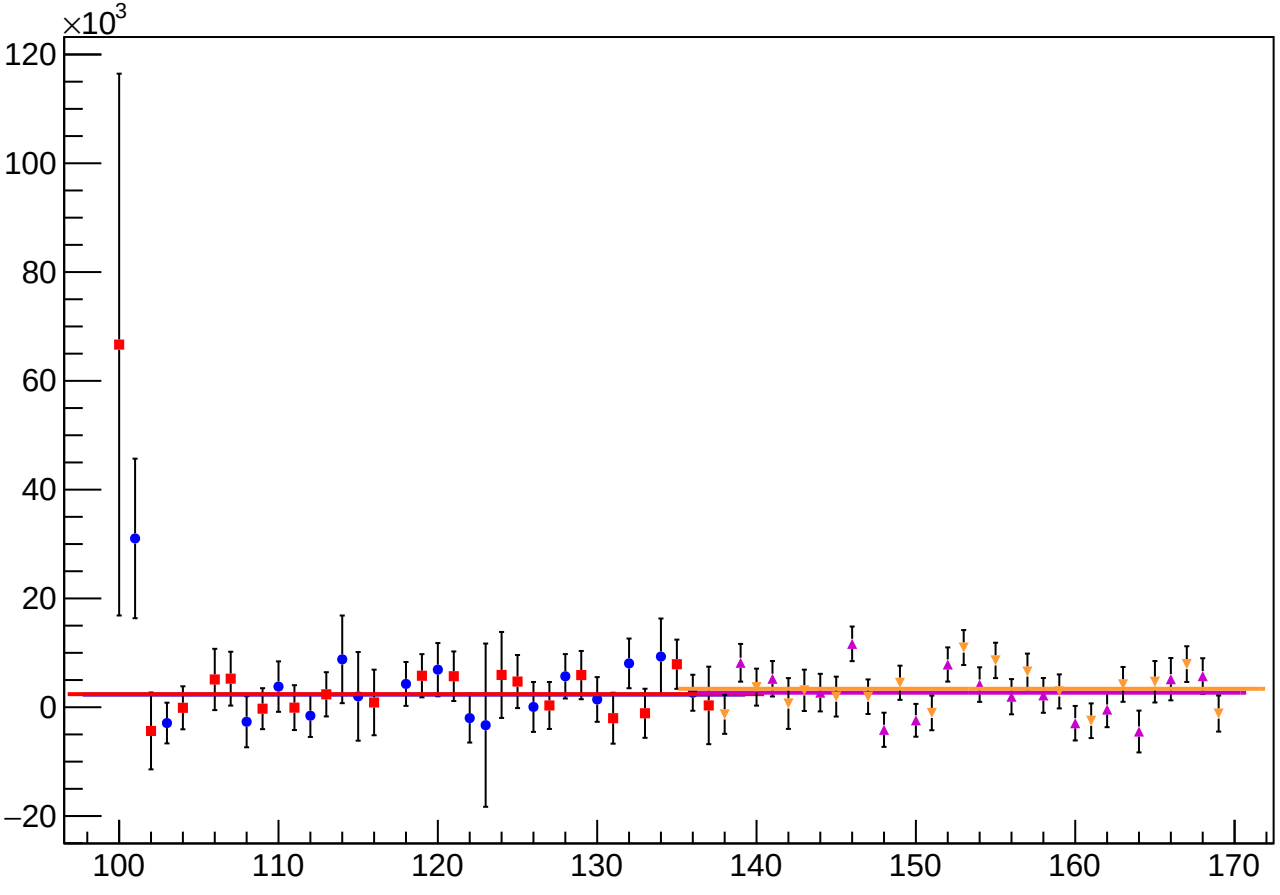
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 812.549+/-0.171 χ^2/NDF:1038171.4/14

Out: 821.706+/-0.168 χ^2/NDF:1038877.6/16

All: 817.222+/-0.120 χ^2/NDF: 2078507.4/31

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3393.507+/-820.025 χ^2/NDF:21.0/16

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 2672.824+/-849.618 χ^2/NDF:30.4/14

Left: 3045.935+/-590.030 χ^2/NDF: 51.8/31

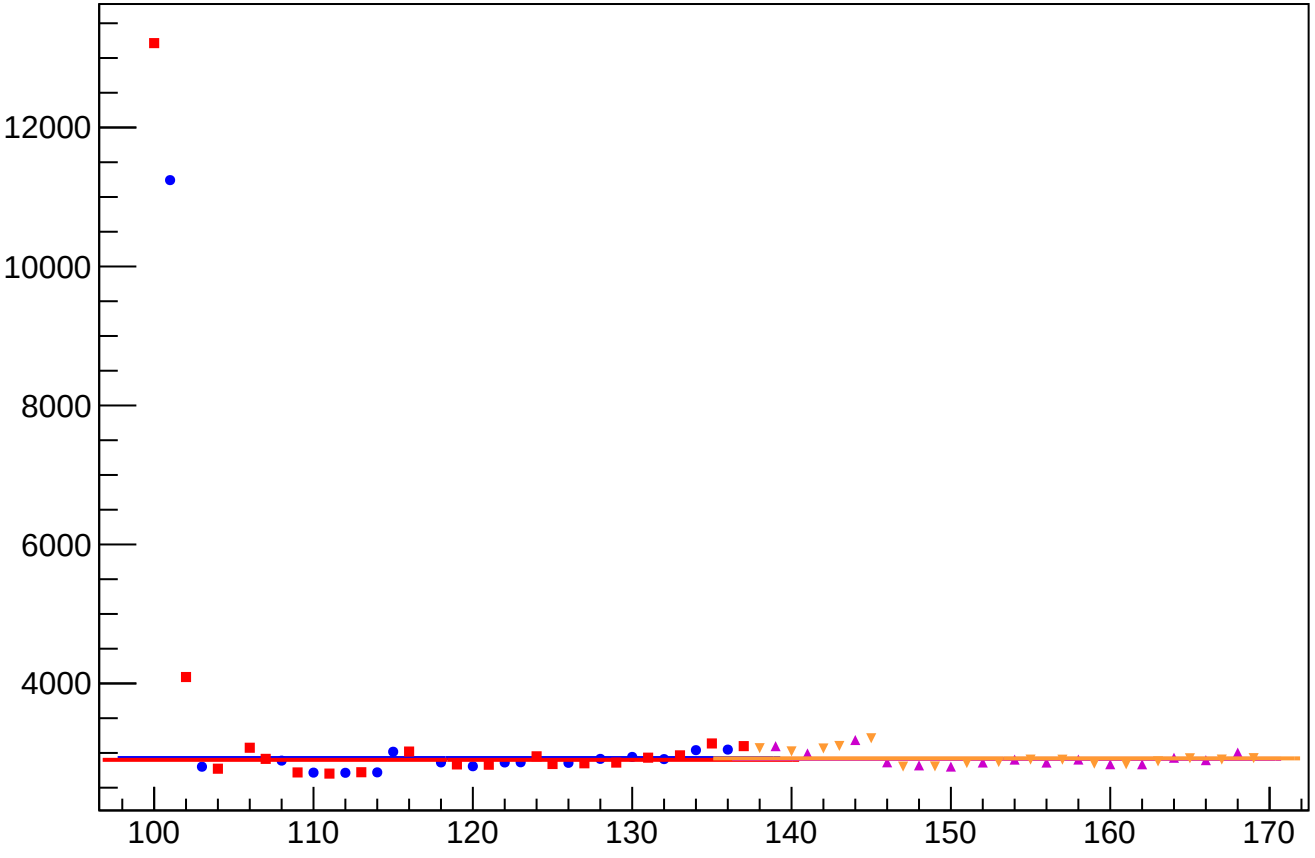
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 2552.710+/-684.718 χ^2/NDF:44.9/31

Out: 3044.089+/-659.581 χ^2/NDF:31.5/35

All: 2807.585+/-475.032 χ^2/NDF: 76.7/67

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2921.917+/-0.580 χ^2/NDF:33948.6/16

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2914.637+/-0.601 χ^2/NDF:29067.7/14

Left: 2918.406+/-0.417 χ^2/NDF: 63092.4/31

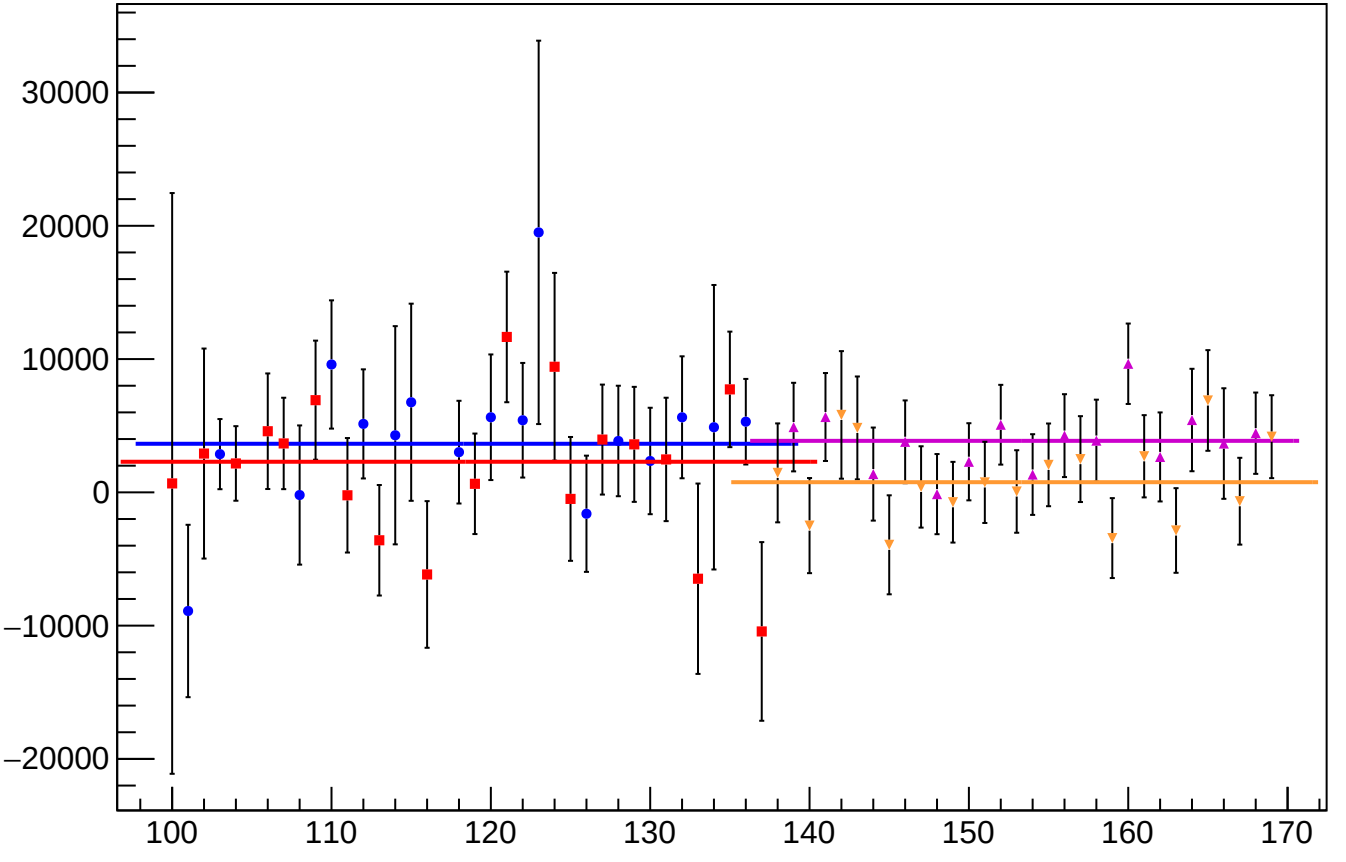
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2918.834+/-0.484 χ^2/NDF:692001.3/31

Out: 2914.471+/-0.466 χ^2/NDF:204282.2/35

All: 2916.571+/-0.336 χ^2/NDF: 896325.7/67

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 762.471+/-804.147 χ^2/NDF:13.2/16

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3864.729+/-827.319 χ^2/NDF:7.8/14

Left: 2269.546+/-576.636 χ^2/NDF: 28.2/31

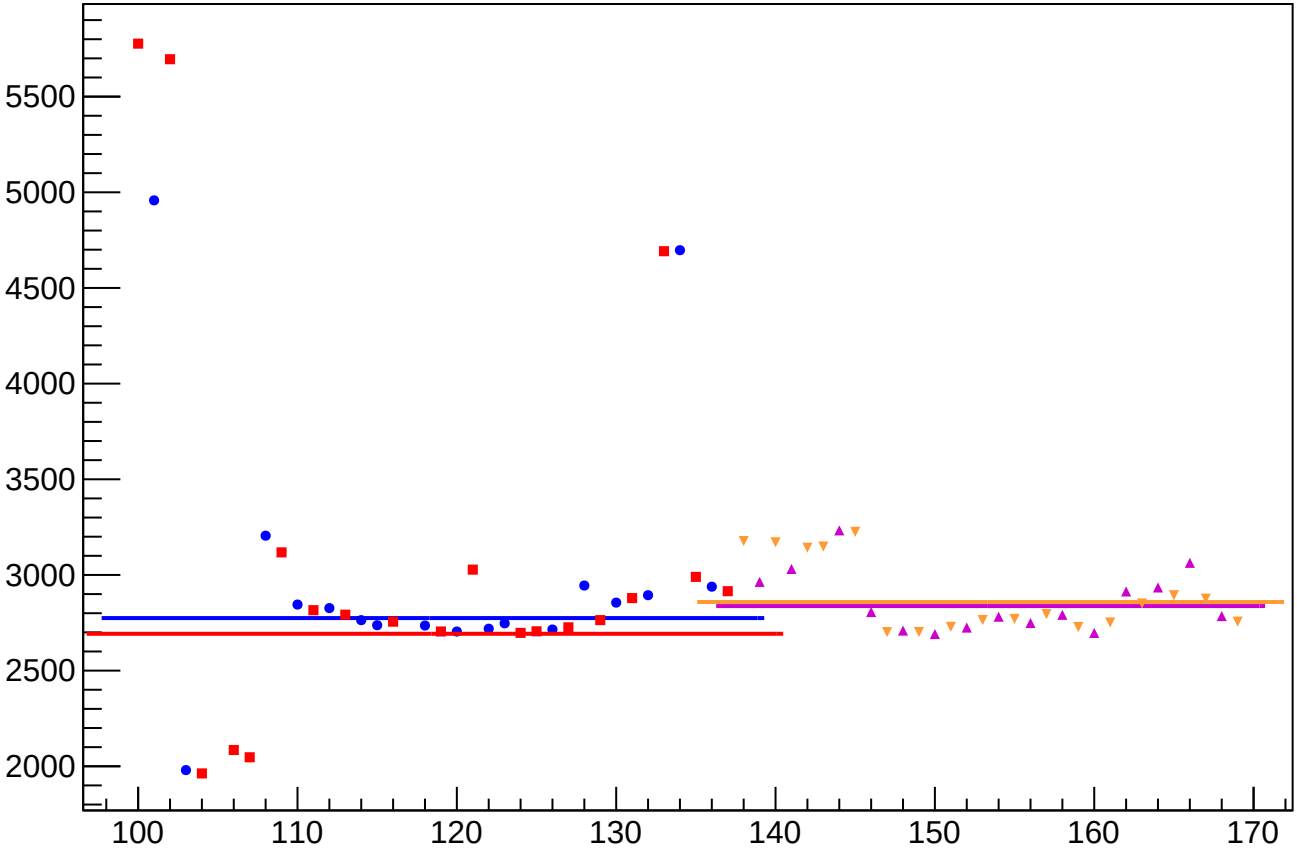
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3784.650+/-659.323 χ^2/NDF:17.7/31

Out: 1331.490+/-637.720 χ^2/NDF:32.9/35

All: 2517.222+/-458.383 χ^2/NDF: 57.8/67

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2858.541+/-0.569 χ^2/NDF:95038.0/16

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2837.306+/-0.585 χ^2/NDF:63152.8/14

Left: 2848.225+/-0.408 χ^2/NDF: 158868.4/31

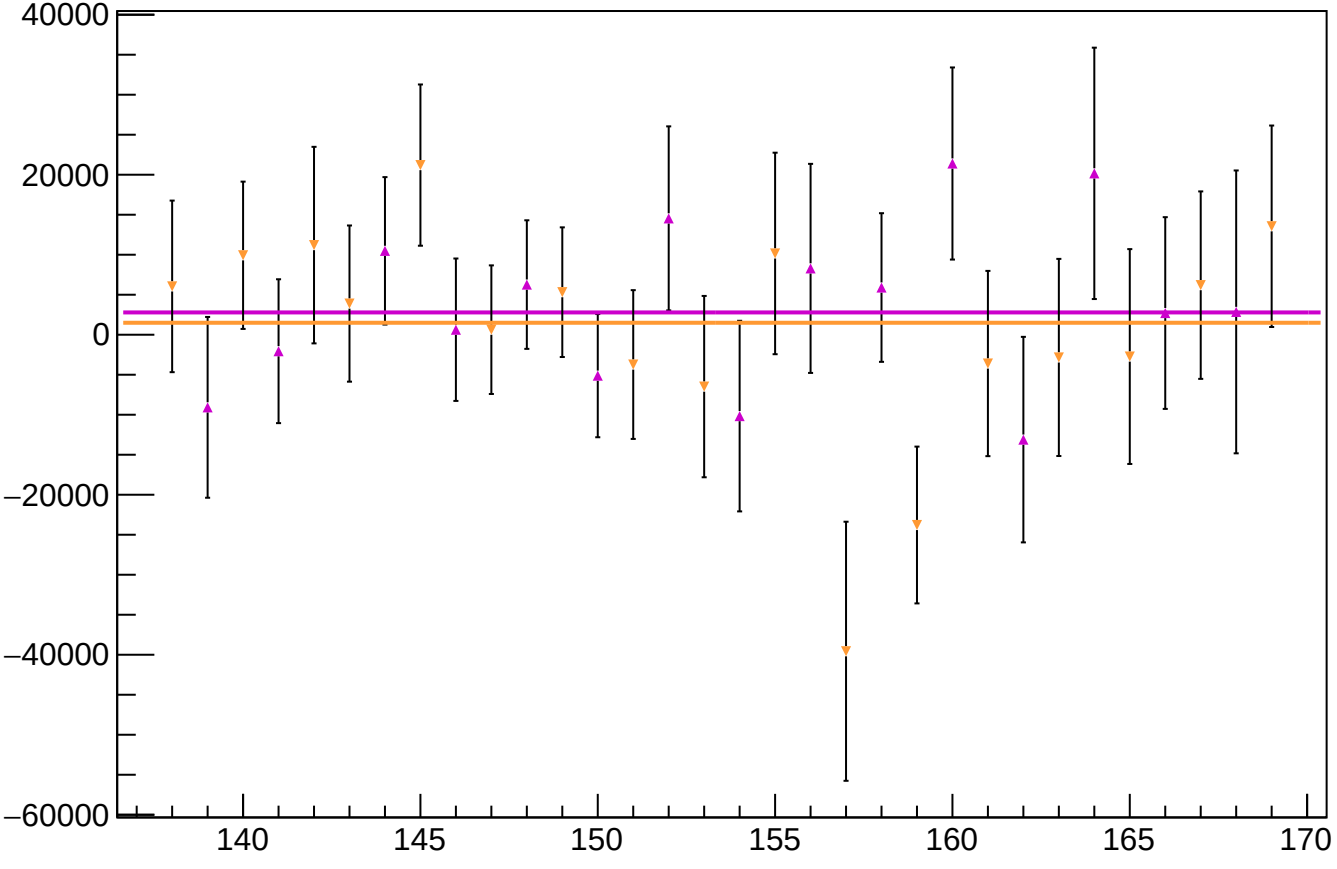
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2814.431+/-0.466 χ^2/NDF:569023.1/31

Out: 2796.903+/-0.451 χ^2/NDF:906957.0/35

All: 2805.374+/-0.324 χ^2/NDF: 1476710.5/67

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 1495.537+/-2571.339 χ^2/NDF:21.6/16

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

Left In: 2786.788+/-2709.462 χ^2/NDF:11.1/14

Left: 2107.412+/-1865.130 χ^2/NDF: 32.8/31

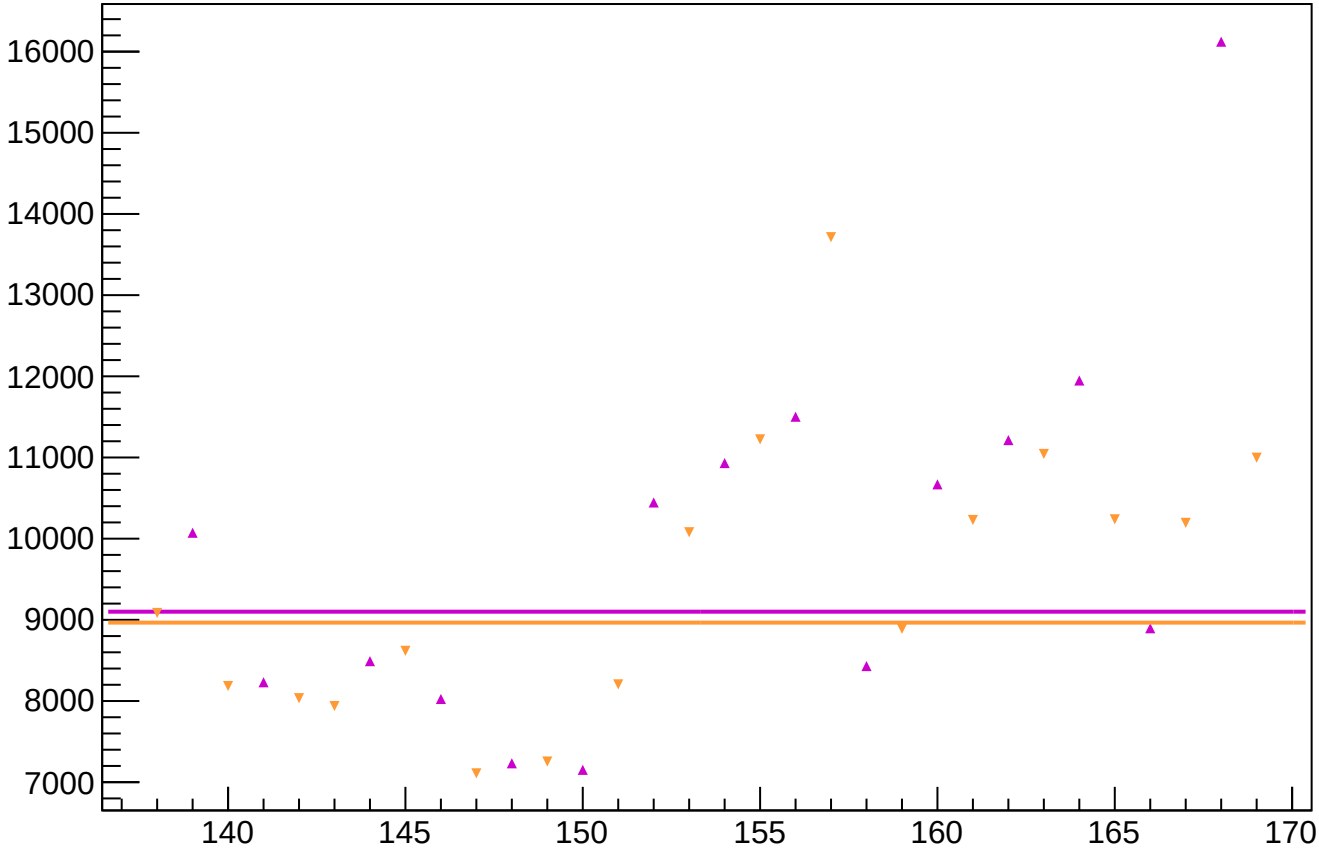
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2786.788+/-2709.462 χ^2/NDF:11.1/14

Out: 1495.537+/-2571.339 χ^2/NDF:21.6/16

All: 2107.412+/-1865.130 χ^2/NDF: 32.8/31

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8965.926+/-1.818 χ^2/NDF:688475.3/16

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

Left In: 9100.332+/-1.916 χ^2/NDF:930288.3/14

Left: 9029.616+/-1.319 χ^2/NDF: 1621353.1/31

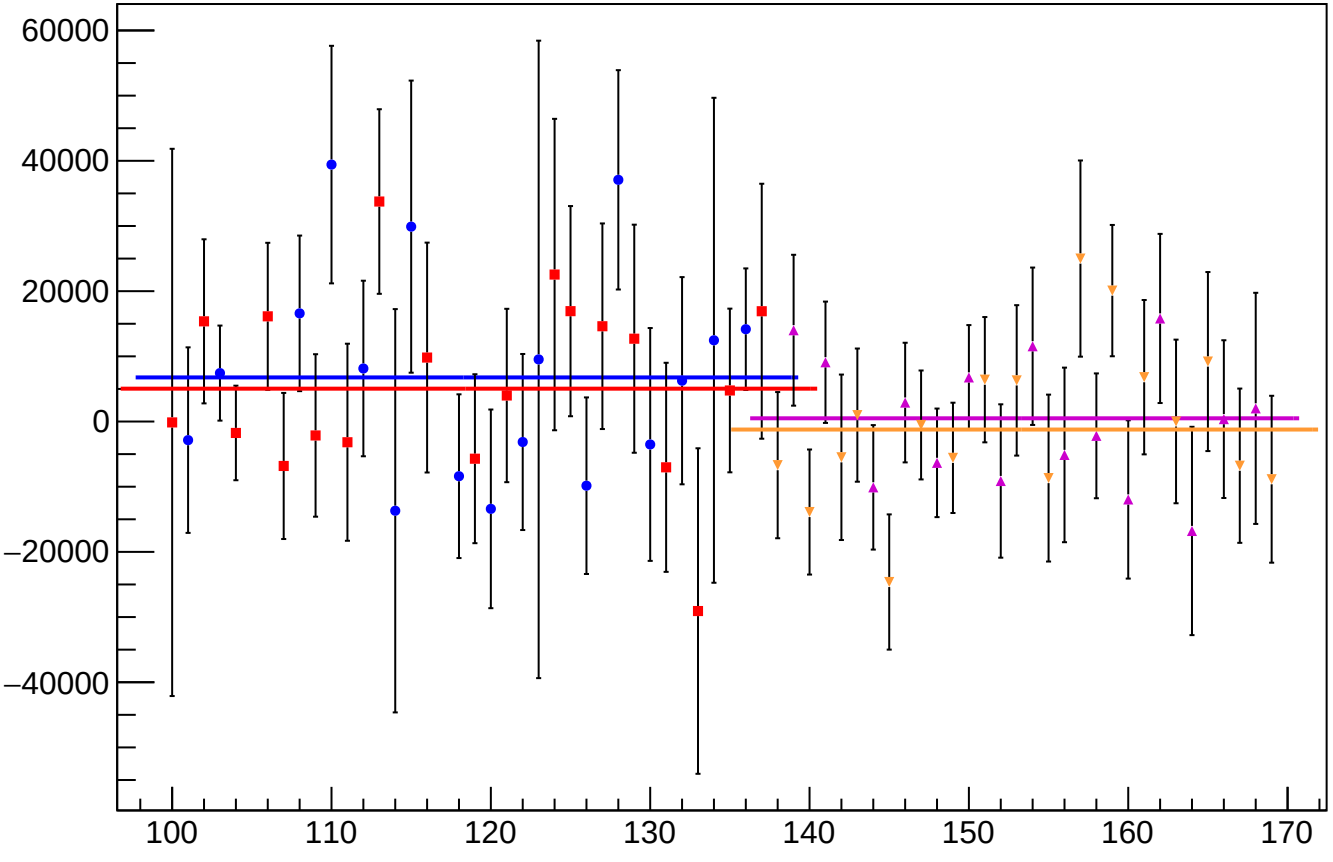
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9100.332+/-1.916 χ^2/NDF:930288.3/14

Out: 8965.926+/-1.818 χ^2/NDF:688475.3/16

All: 9029.616+/-1.319 χ^2/NDF: 1621353.1/31

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -1229.385+/-2645.326 χ^2/NDF:18.0/16

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 495.391+/-2784.413 χ^2/NDF:10.2/14

Left: -411.150+/-1917.814 χ^2/NDF: 28.4/31

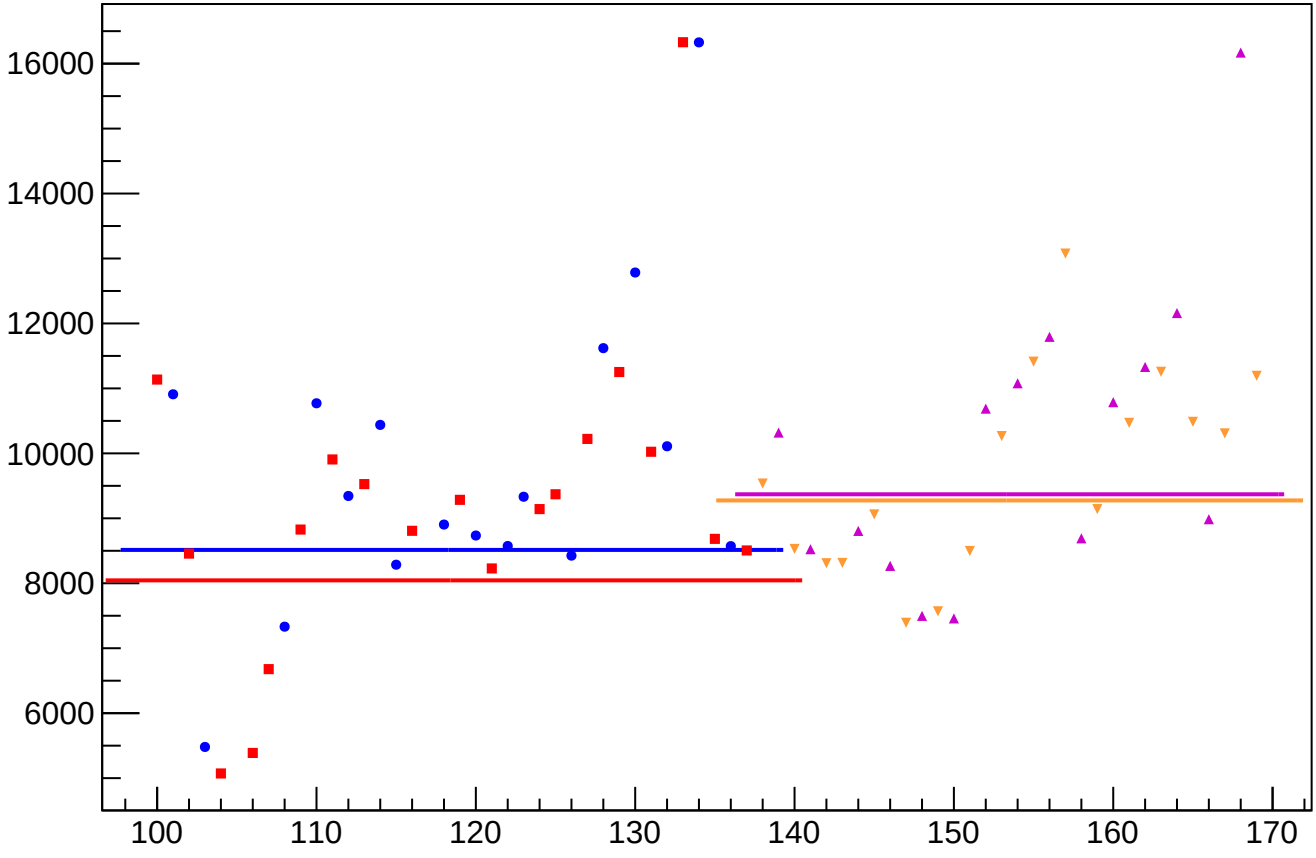
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 3024.646+/-2150.929 χ^2/NDF:27.6/31

Out: 1347.109+/-2030.415 χ^2/NDF:33.9/35

All: 2137.568+/-1476.487 χ^2/NDF: 61.8/67

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 9275.545+/-1.871 χ^2/NDF:583600.4/16

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 9370.006+/-1.969 χ^2/NDF:850974.4/14

Left: 9320.357+/-1.356 χ^2/NDF: 1435784.6/31

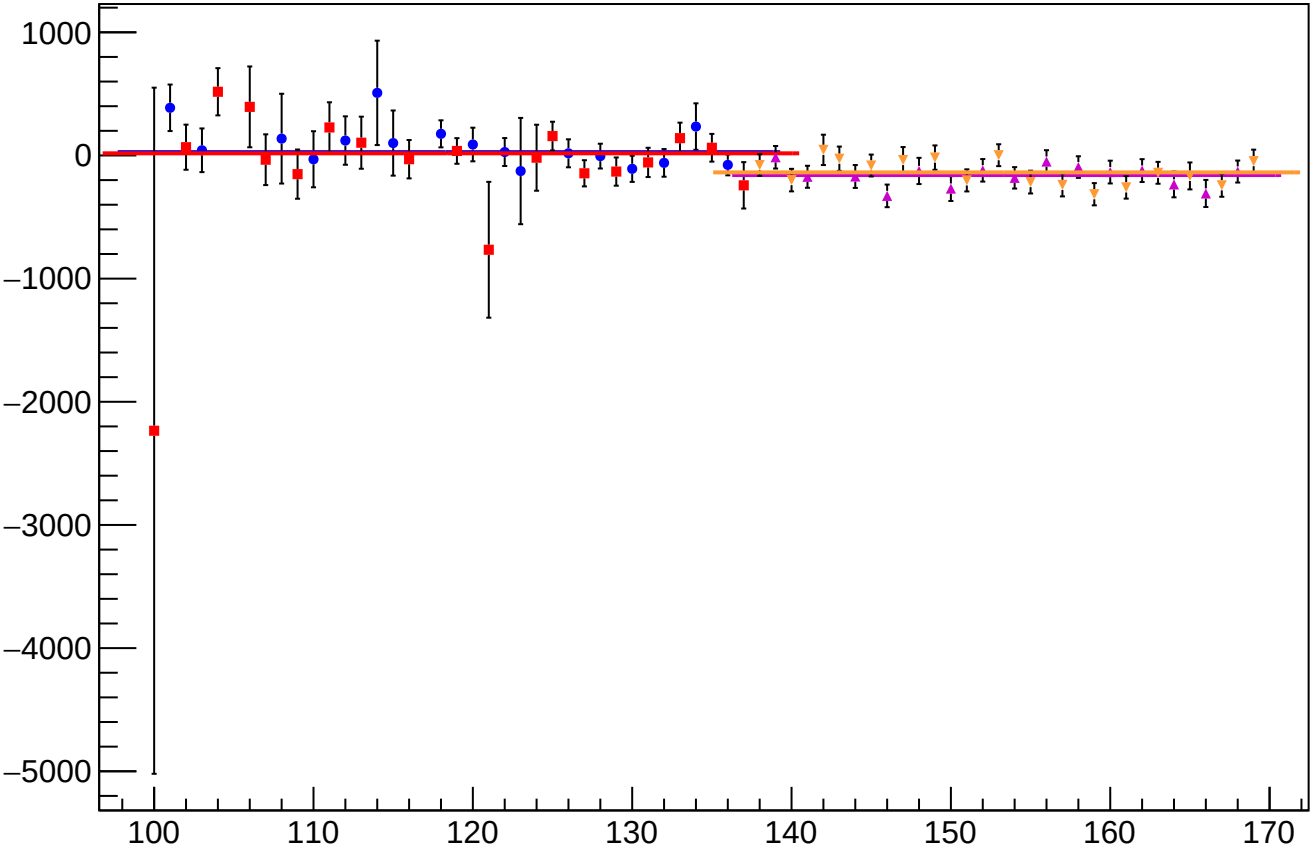
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 9024.677+/-1.521 χ^2/NDF:1689874.2/31

Out: 8769.822+/-1.436 χ^2/NDF:1713810.0/35

All: 8889.909+/-1.044 χ^2/NDF: 3418531.9/67

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -137.378+/-22.913 χ^2/NDF:20.0/16

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -158.759+/-24.266 χ^2/NDF:12.1/14

Left: -147.456+/-16.660 χ^2/NDF: 32.6/31

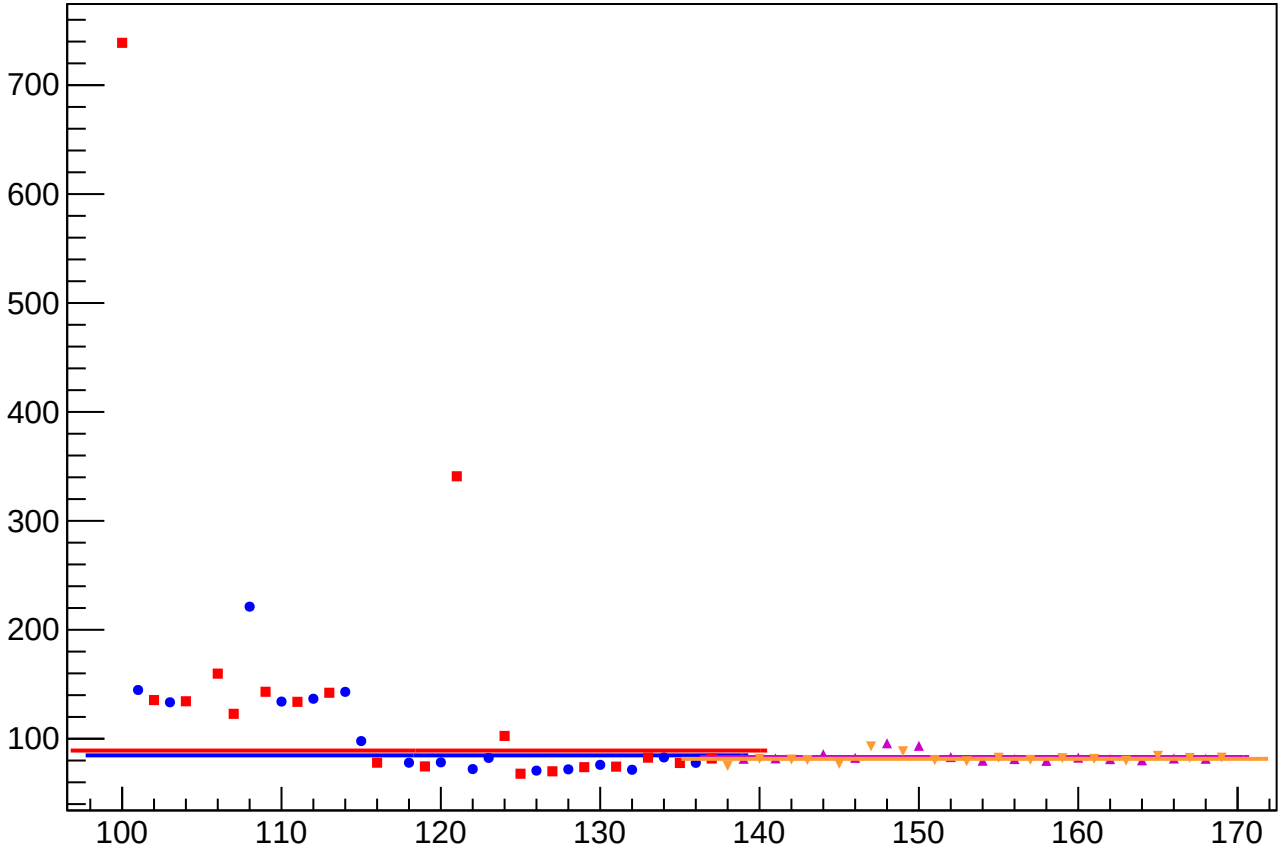
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -96.163+/-19.757 χ^2/NDF:44.5/31

Out: -91.957+/-19.259 χ^2/NDF:55.3/35

All: -94.007+/-13.791 χ^2/NDF: 99.8/67

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.544+/-0.016 χ^2/NDF:54565.8/16

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.209+/-0.017 χ^2/NDF:62271.9/14

Left: 82.329+/-0.012 χ^2/NDF: 121813.8/31

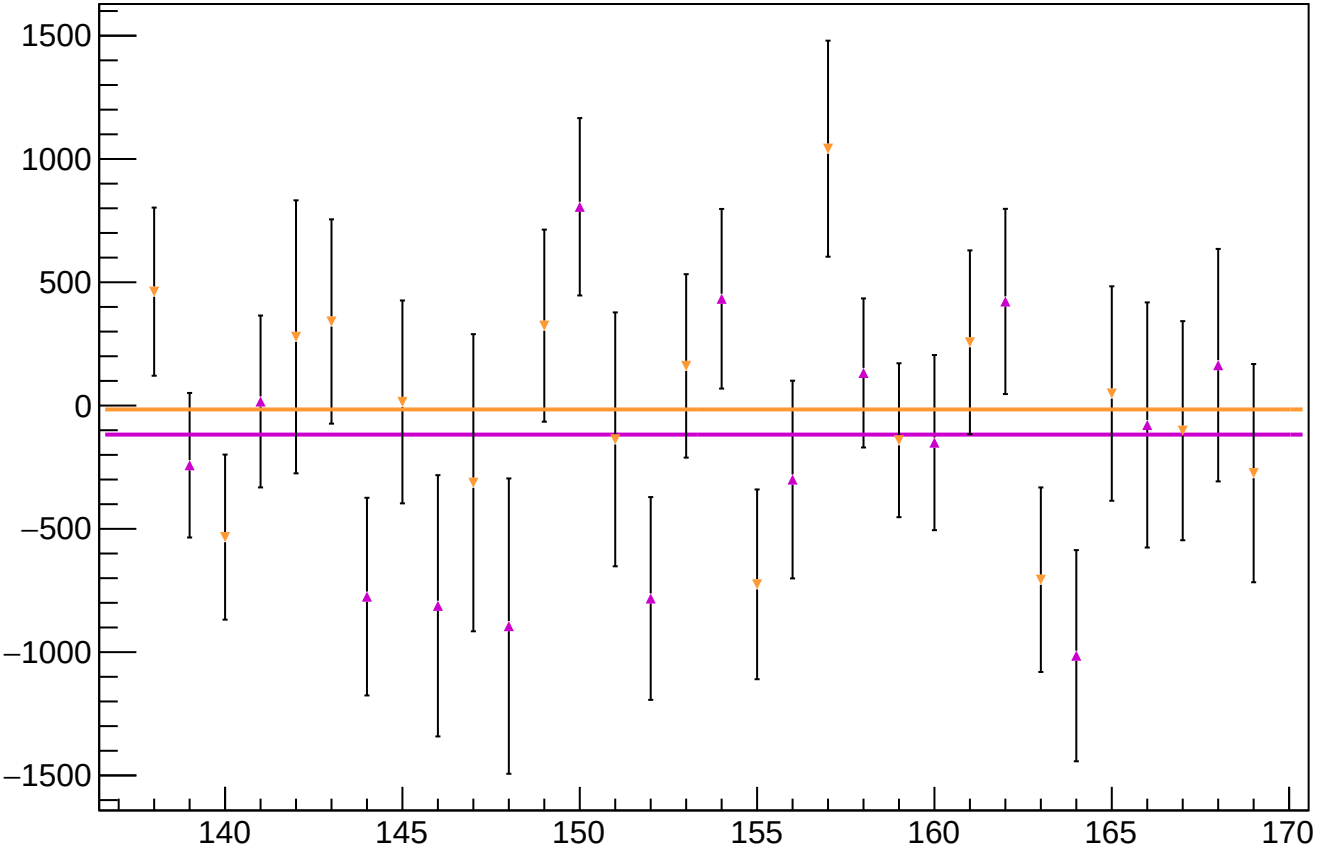
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 83.724+/-0.014 χ^2/NDF:1129365.3/31

Out: 83.775+/-0.014 χ^2/NDF:1678400.0/35

All: 83.750+/-0.010 χ^2/NDF: 2807771.9/67

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: -15.723+/-97.633 χ^2/NDF:20.4/16

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

Left In: -117.763+/-100.092 χ^2/NDF:25.6/14

Left: -65.475+/-69.890 χ^2/NDF: 46.6/31

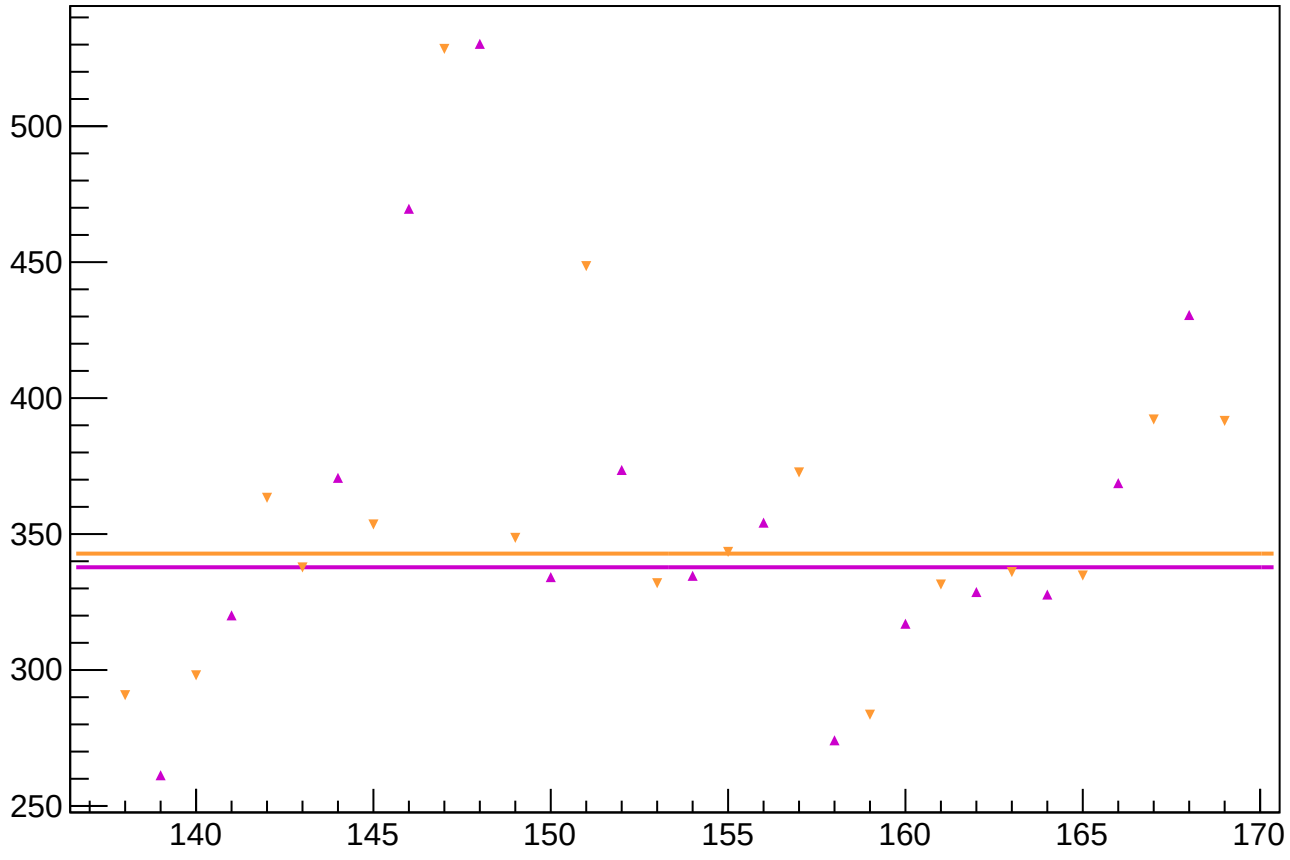
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -117.763+/-100.092 χ^2/NDF:25.6/14

Out: -15.723+/-97.633 χ^2/NDF:20.4/16

All: -65.475+/-69.890 χ^2/NDF: 46.6/31

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 342.812+/-0.069 χ^2/NDF:496640.8/16

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

Left In: 337.790+/-0.071 χ^2/NDF:687090.7/14

Left: 340.363+/-0.049 χ^2/NDF: 1186311.5/31

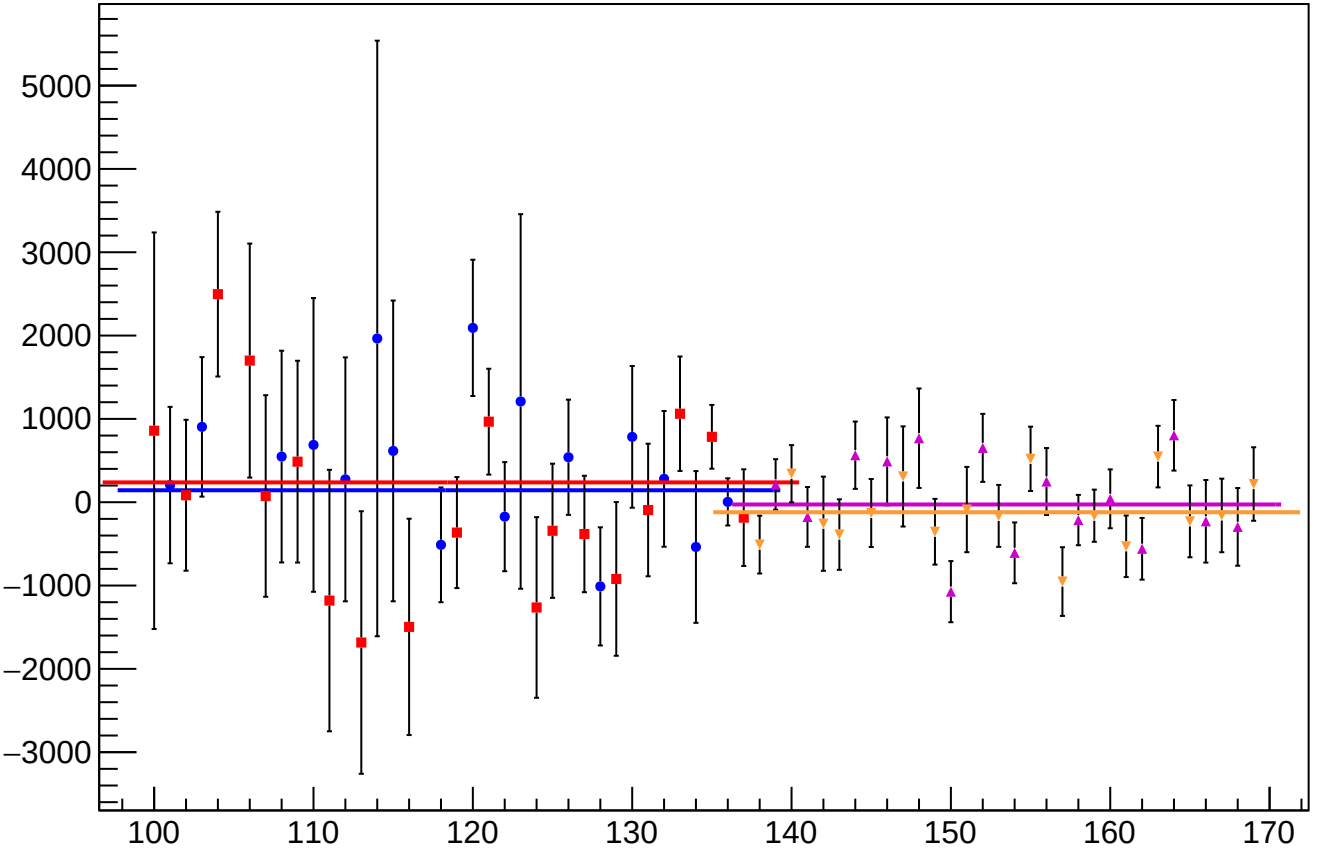
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 337.790+/-0.071 χ^2/NDF:687090.7/14

Out: 342.812+/-0.069 χ^2/NDF:496640.8/16

All: 340.363+/-0.049 χ^2/NDF: 1186311.5/31

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -120.059+/-97.651 χ^2/NDF:16.4/16

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: -27.183+/-100.599 χ^2/NDF:26.4/14

Left: -75.001+/-70.069 χ^2/NDF: 43.3/31

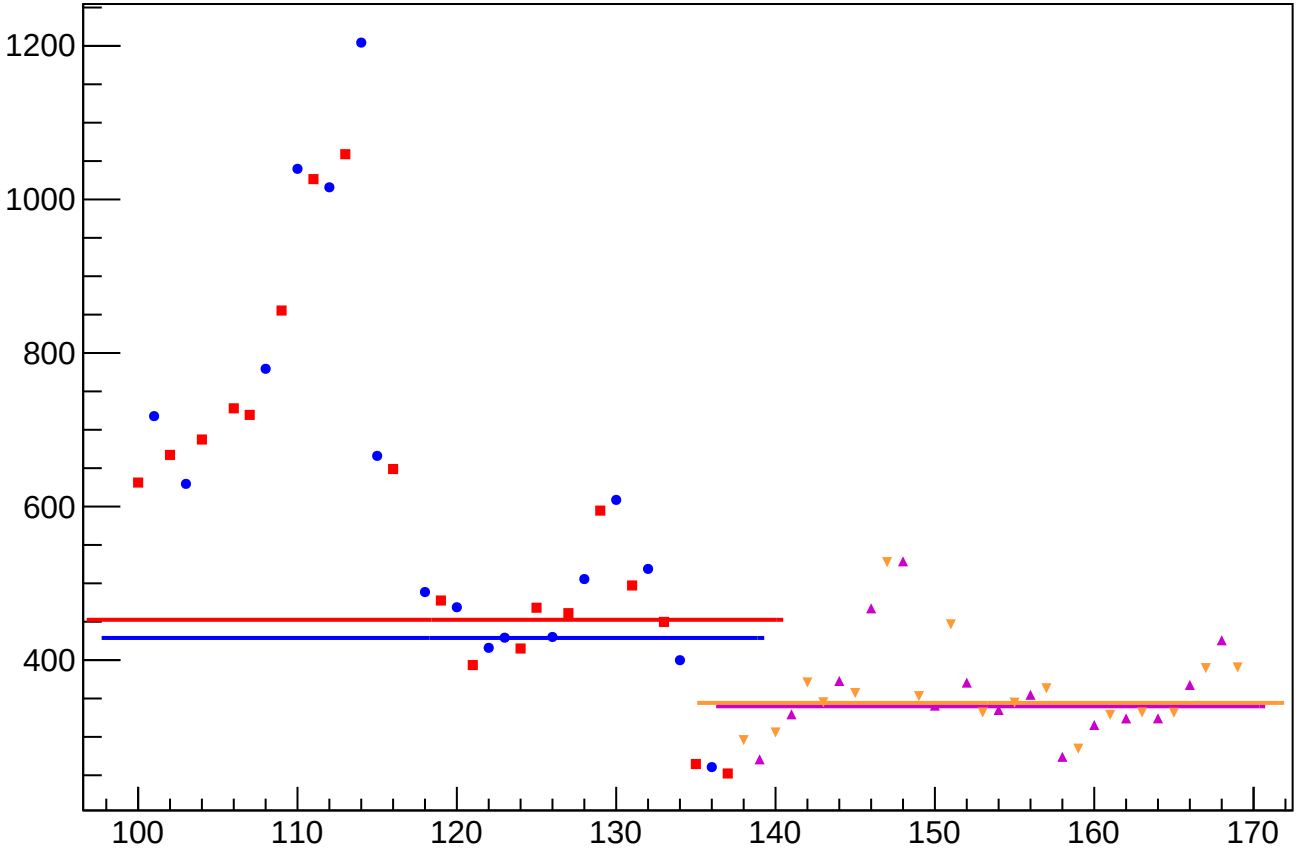
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: 13.701+/-87.726 χ^2/NDF:39.9/31

Out: -41.408+/-86.256 χ^2/NDF:41.0/35

All: -14.319+/-61.505 χ^2/NDF: 81.1/67

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 344.261+/-0.069 χ^2/NDF:467435.4/16

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 339.853+/-0.071 χ^2/NDF:635559.0/14

Left: 342.122+/-0.050 χ^2/NDF: 1104971.9/31

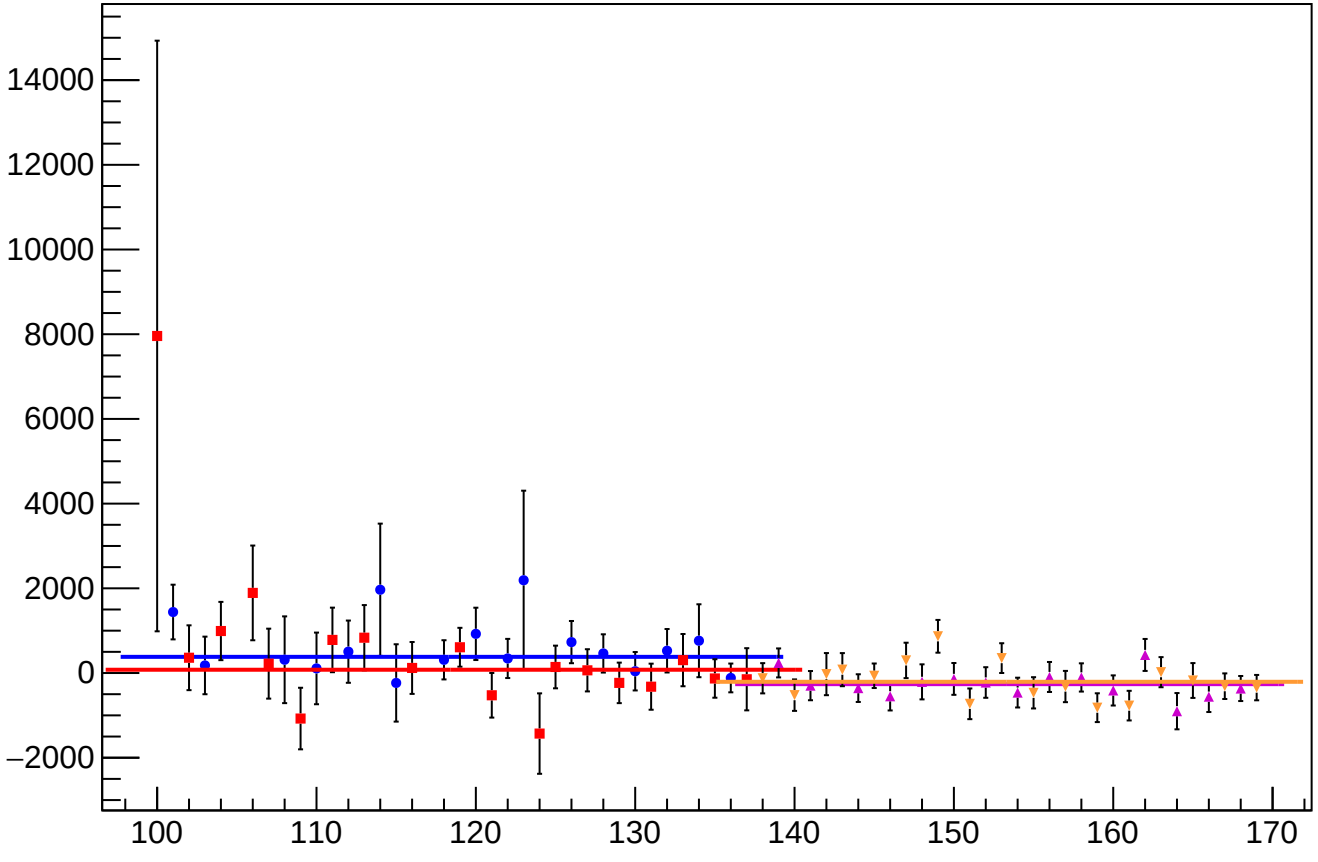
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 361.174+/-0.062 χ^2/NDF:3022909.6/31

Out: 368.052+/-0.061 χ^2/NDF:3046864.5/35

All: 364.671+/-0.043 χ^2/NDF: 6076026.8/67

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -207.159+/-86.664 χ^2/NDF:22.6/16

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -262.934+/-91.196 χ^2/NDF:10.4/14

Left: -233.626+/-62.822 χ^2/NDF: 33.2/31

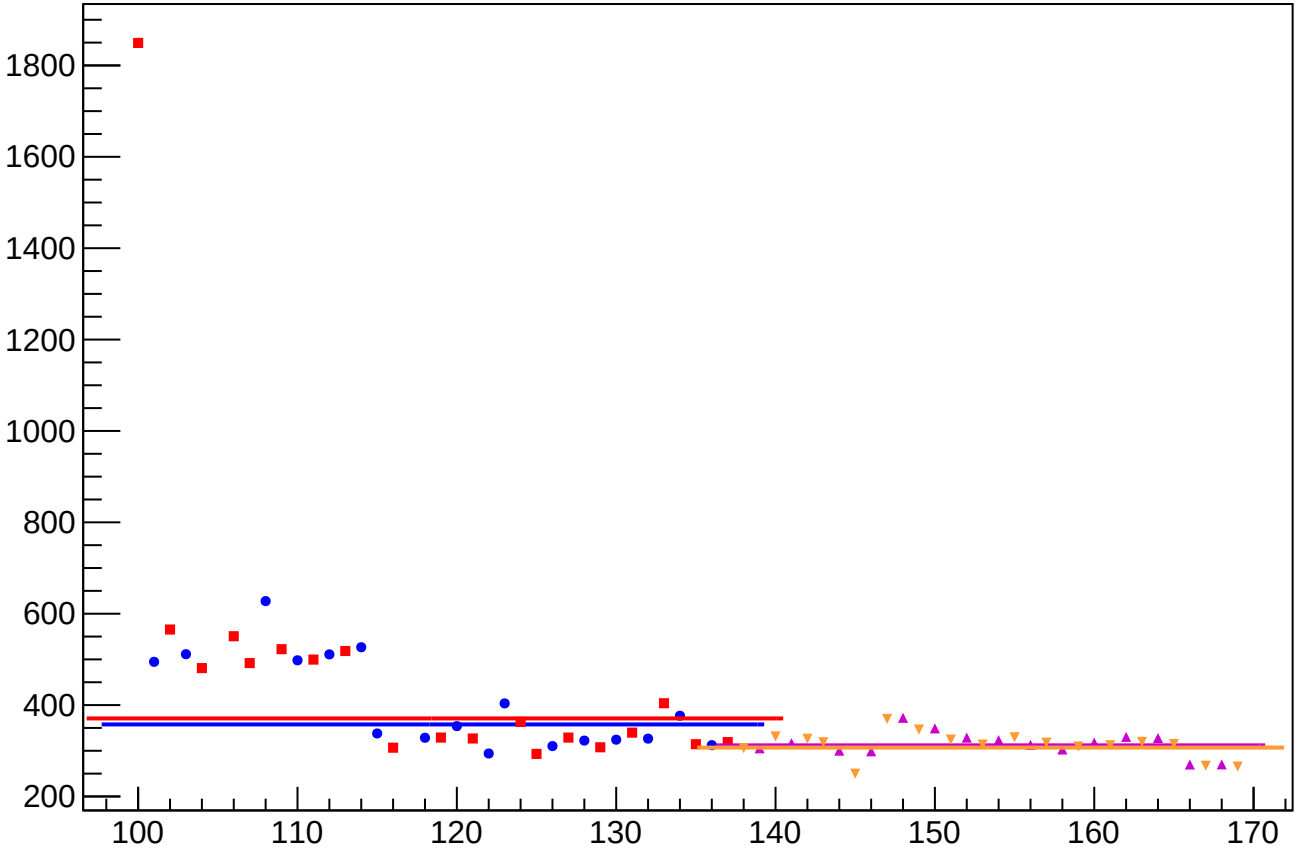
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: -73.112+/-76.606 χ^2/NDF:34.5/31

Out: -131.061+/-74.181 χ^2/NDF:42.2/35

All: -103.018+/-53.290 χ^2/NDF: 77.1/67

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 307.006+/-0.061 χ^2/NDF:248943.6/16

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 311.886+/-0.064 χ^2/NDF:151159.1/14

Left: 309.322+/-0.044 χ^2/NDF: 403112.1/31

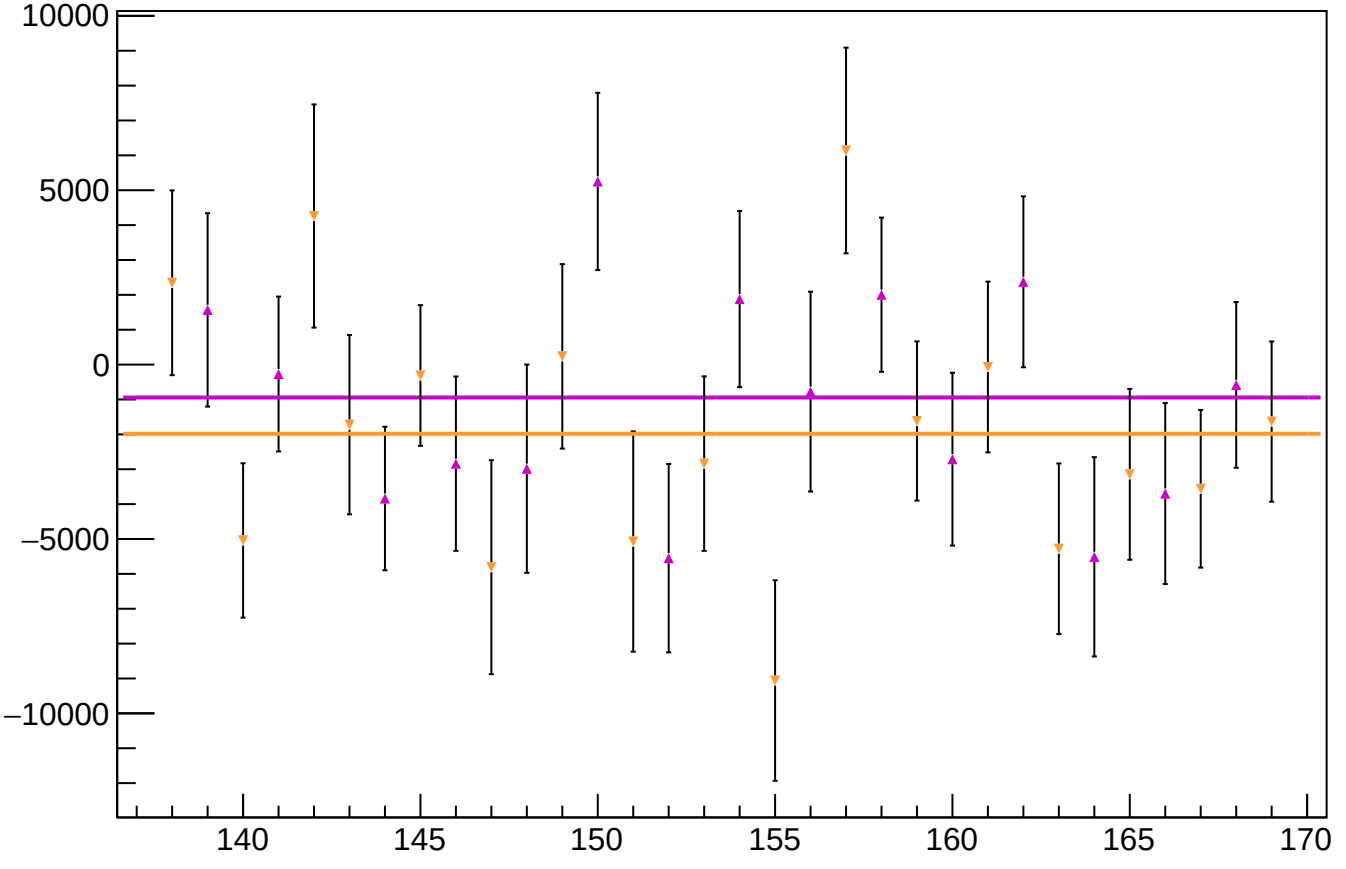
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 325.362+/-0.054 χ^2/NDF:929181.8/31

Out: 324.059+/-0.052 χ^2/NDF:1323390.5/35

All: 324.690+/-0.038 χ^2/NDF: 2252870.9/67

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1983.950+/-612.650 χ^2/NDF:29.3/16

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

Left In: -943.232+/-646.304 χ^2/NDF:21.9/14

Left: -1491.391+/-444.631 χ^2/NDF: 52.5/31

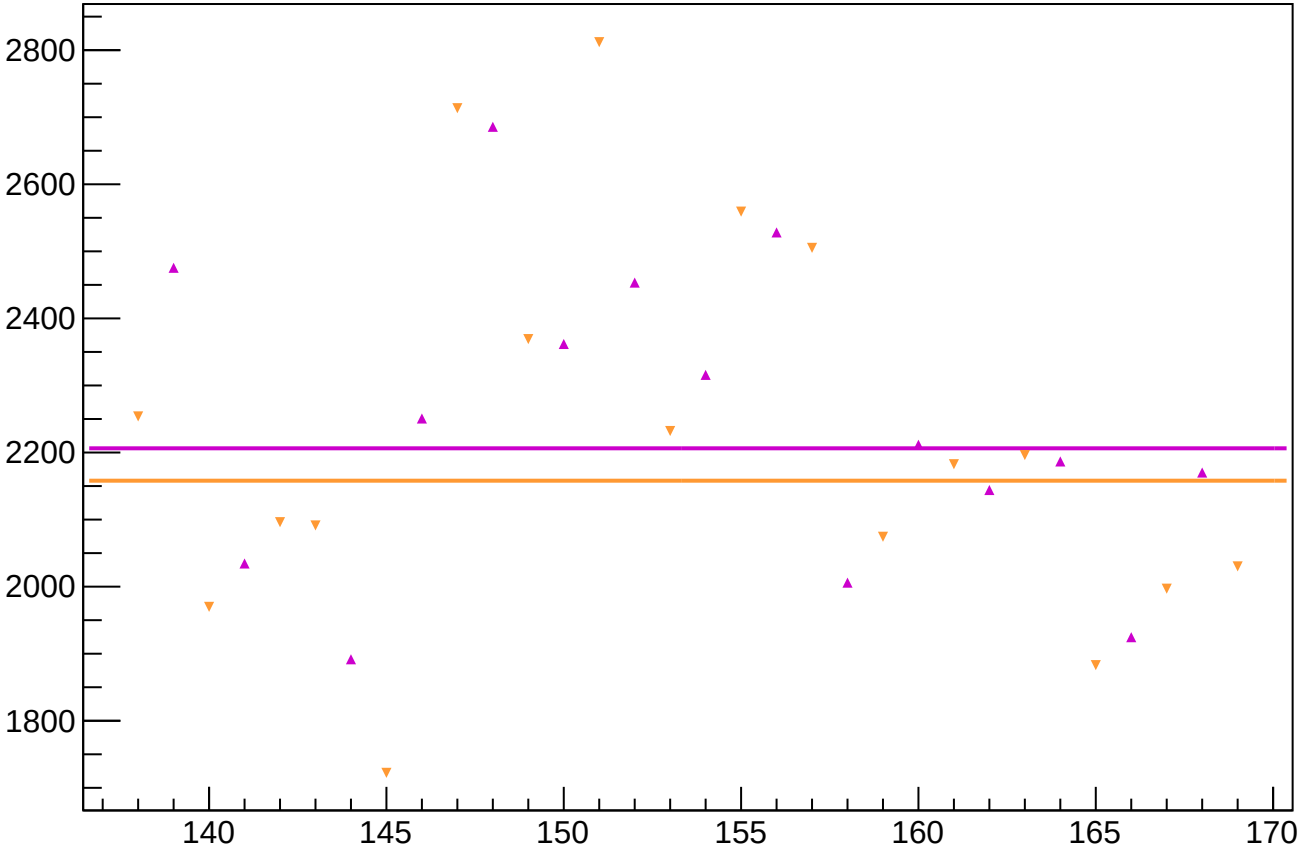
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -943.232+/-646.304 χ^2/NDF:21.9/14

Out: -1983.950+/-612.650 χ^2/NDF:29.3/16

All: -1491.391+/-444.631 χ^2/NDF: 52.5/31

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2158.006+/-0.433 χ^2/NDF:389786.4/16

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

Left In: 2206.287+/-0.457 χ^2/NDF:224864.1/14

Left: 2180.857+/-0.314 χ^2/NDF: 620529.0/31

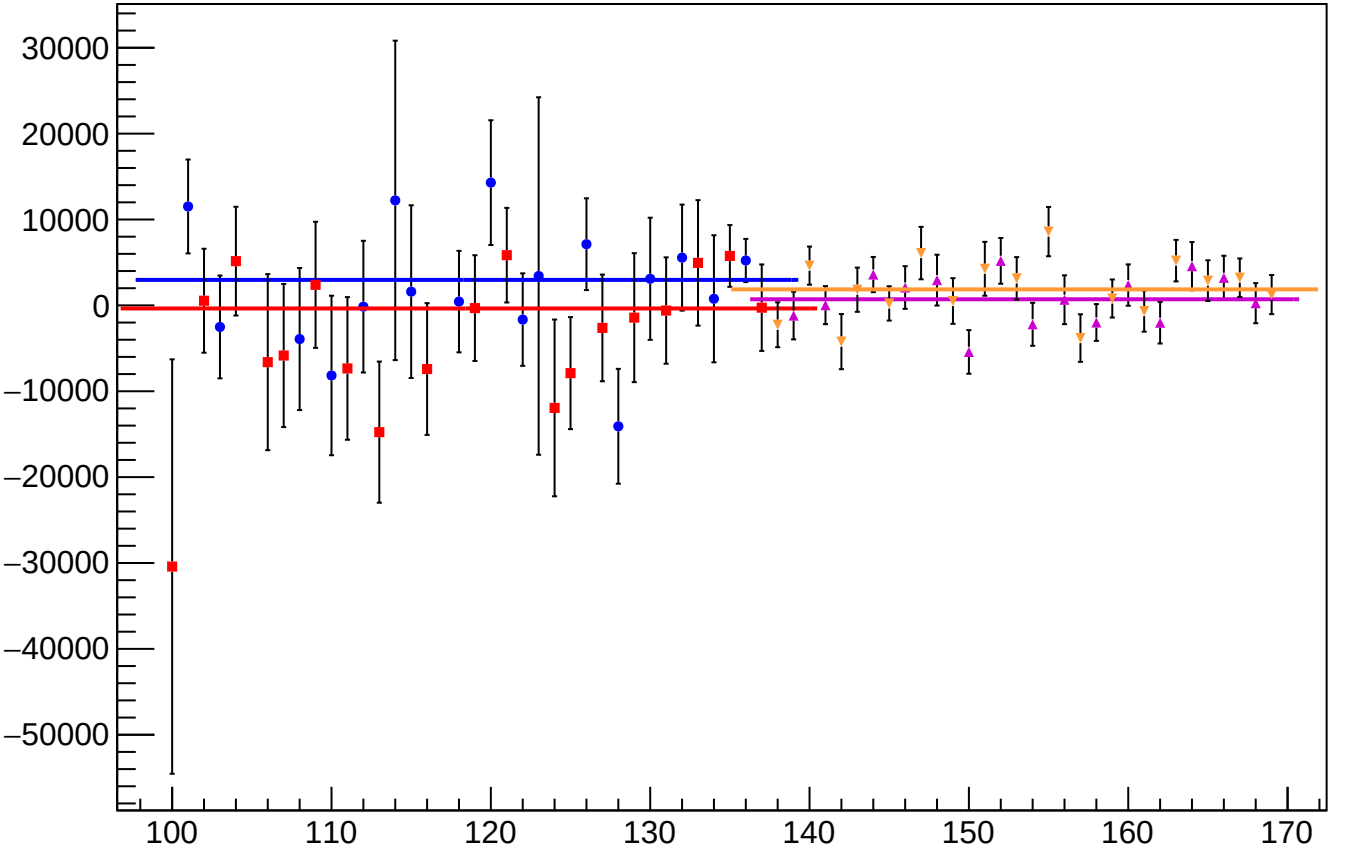
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2206.287+/-0.457 χ^2/NDF:224864.1/14

Out: 2158.006+/-0.433 χ^2/NDF:389786.4/16

All: 2180.857+/-0.314 χ^2/NDF: 620529.0/31

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1862.760+/-605.027 χ^2/NDF:24.9/16

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 711.876+/-639.012 χ^2/NDF:19.6/14

Left: 1318.735+/-439.342 χ^2/NDF: 46.2/31

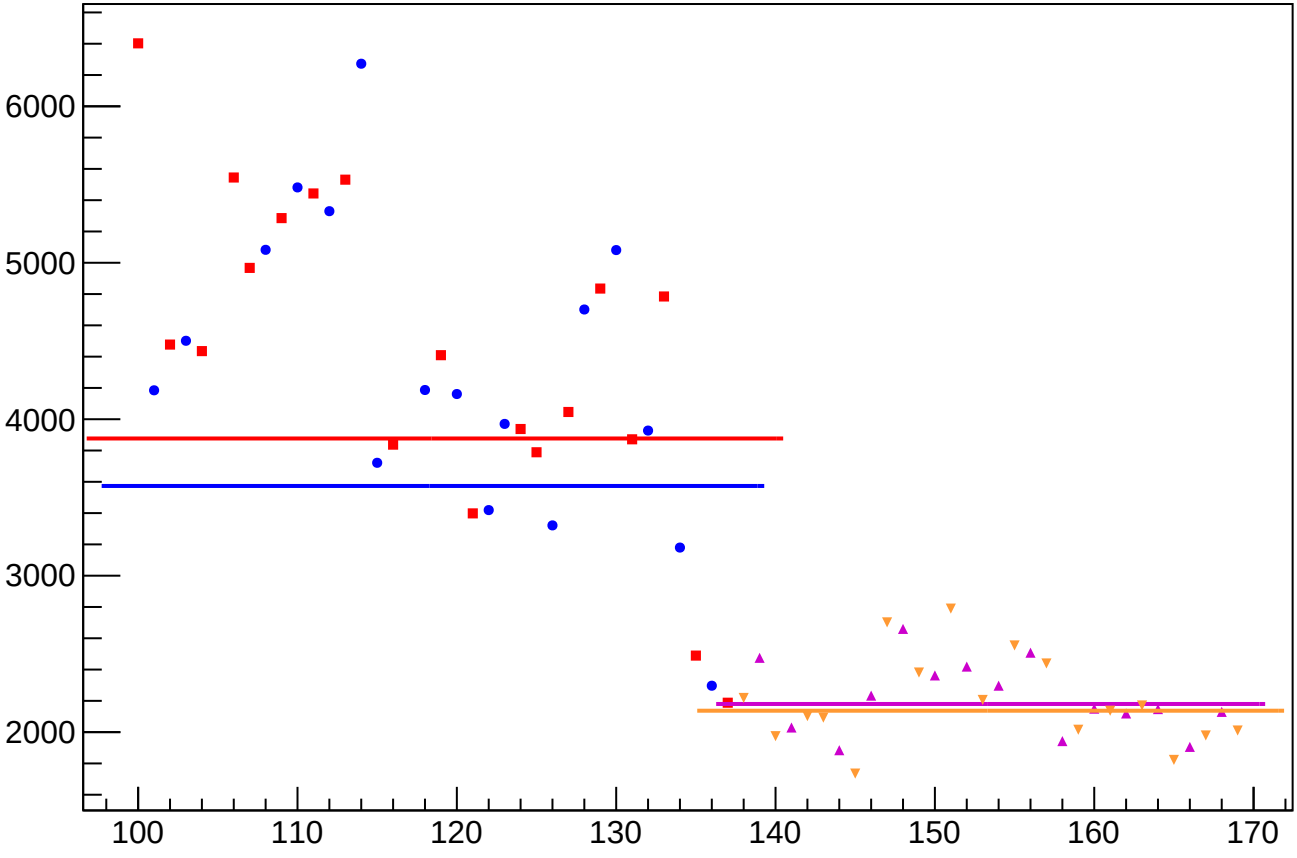
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 1083.035+/-584.118 χ^2/NDF:39.0/31

Out: 1554.423+/-561.470 χ^2/NDF:42.1/35

All: 1328.045+/-404.789 χ^2/NDF: 81.5/67

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2137.001+/-0.428 χ^2/NDF:391482.1/16

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2180.022+/-0.452 χ^2/NDF:234324.6/14

Left: 2157.337+/-0.311 χ^2/NDF: 630586.6/31

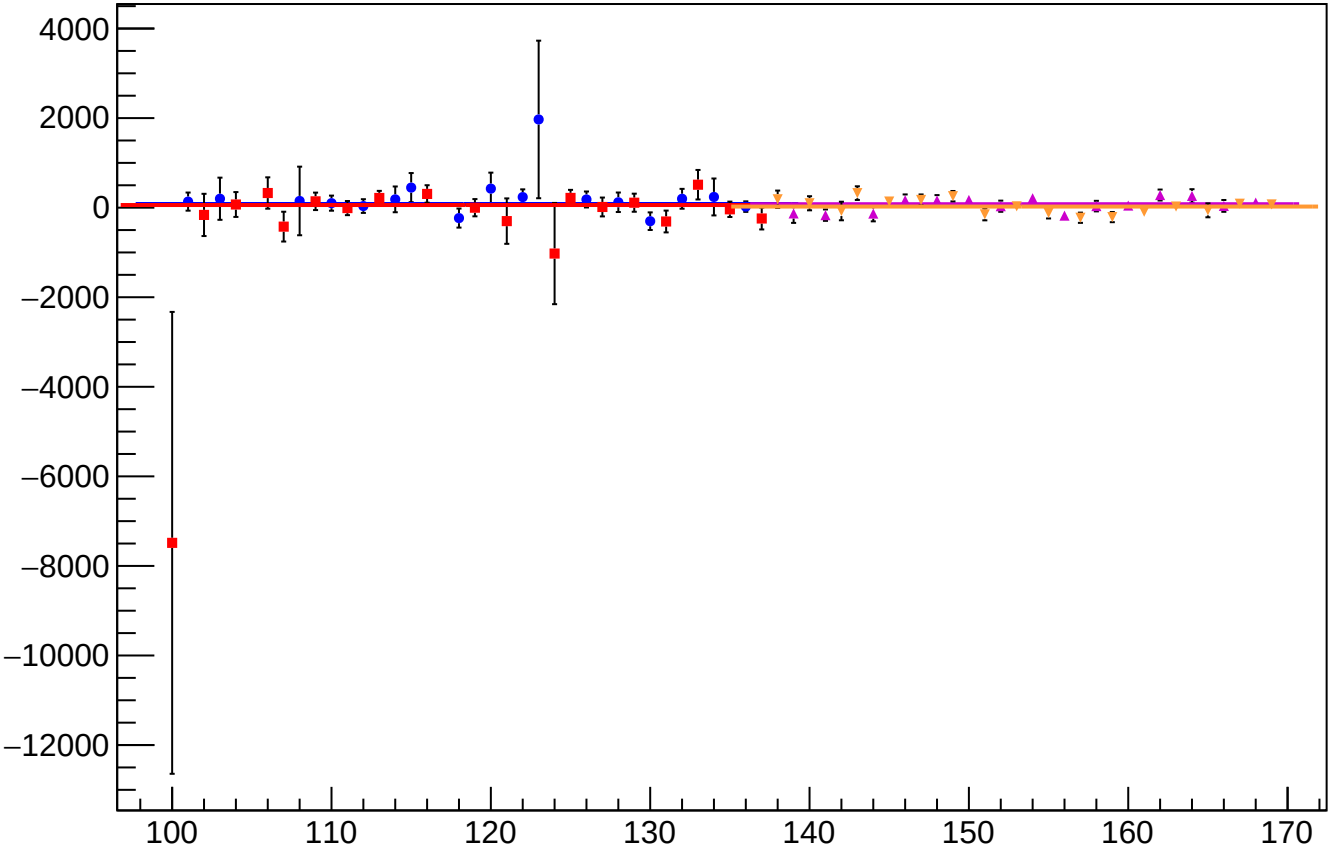
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2409.146+/-0.413 χ^2/NDF:2886831.9/31

Out: 2378.501+/-0.397 χ^2/NDF:3675645.4/35

All: 2393.218+/-0.286 χ^2/NDF: 6565338.6/67

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 24.679+/-28.577 χ^2/NDF:26.0/16

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 77.087+/-30.803 χ^2/NDF:19.7/14

Left: 48.922+/-20.950 χ^2/NDF: 47.3/31

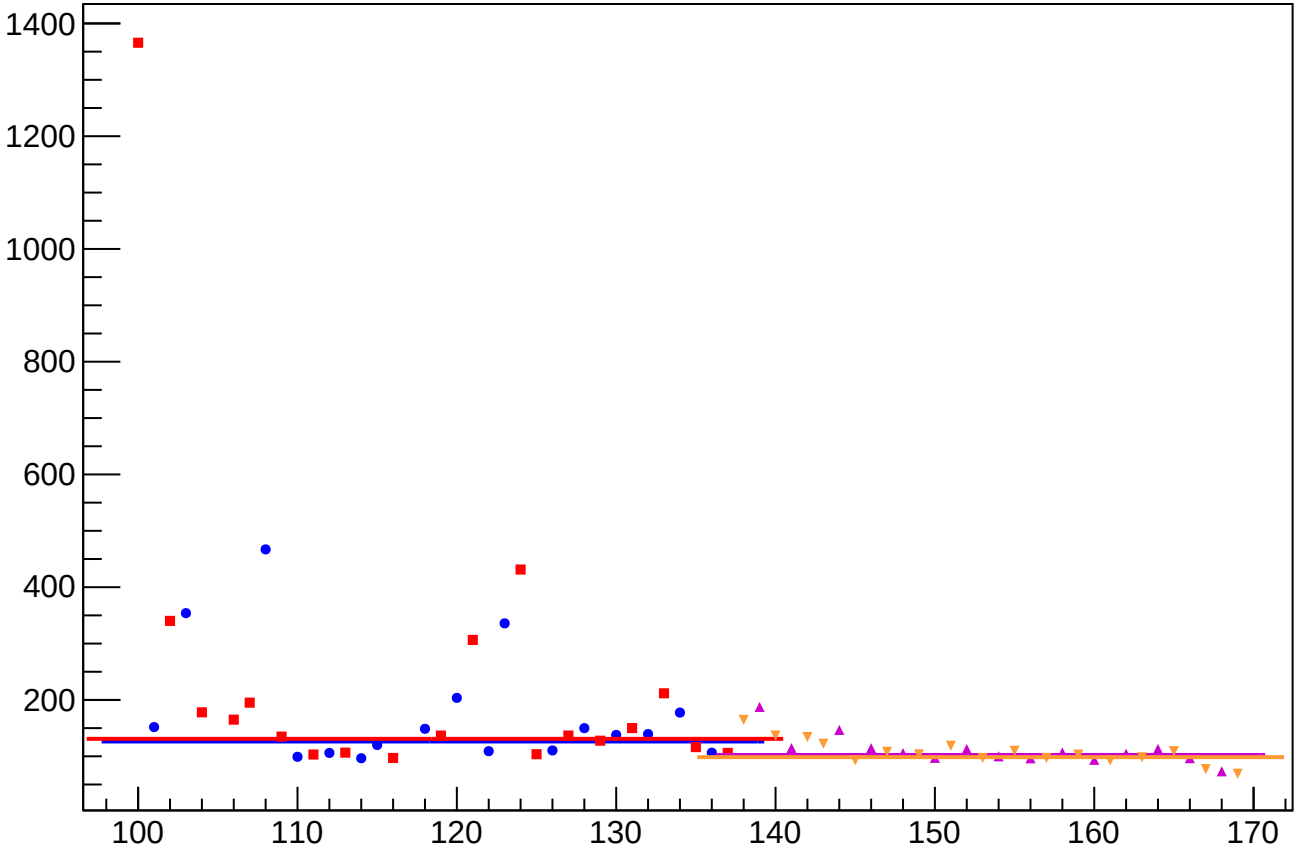
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 78.328+/-26.490 χ^2/NDF:31.3/31

Out: 32.374+/-25.171 χ^2/NDF:42.8/35

All: 54.179+/-18.247 χ^2/NDF: 75.6/67

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 98.518+/-0.020 χ^2/NDF:962615.0/16

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 102.372+/-0.022 χ^2/NDF:806757.3/14

Left: 100.301+/-0.015 χ^2/NDF: 1786199.0/31

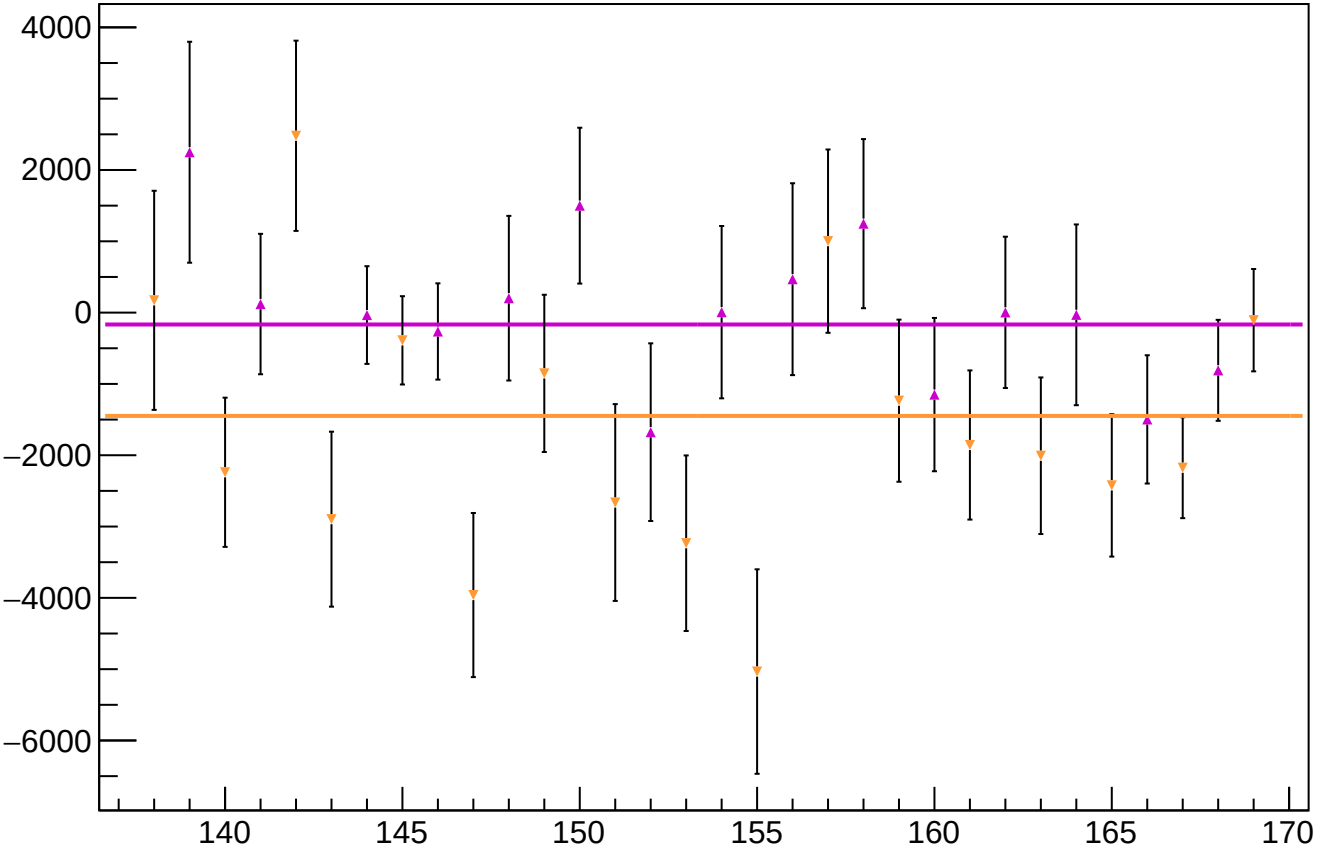
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 108.614+/-0.019 χ^2/NDF:2432690.1/31

Out: 105.801+/-0.018 χ^2/NDF:2971336.1/35

All: 107.136+/-0.013 χ^2/NDF: 5415880.1/67

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1448.582+/-246.263 χ^2/NDF:38.5/16

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

Left In: -166.553+/-253.494 χ^2/NDF:12.0/14

Left: -826.115+/-176.635 χ^2/NDF: 63.6/31

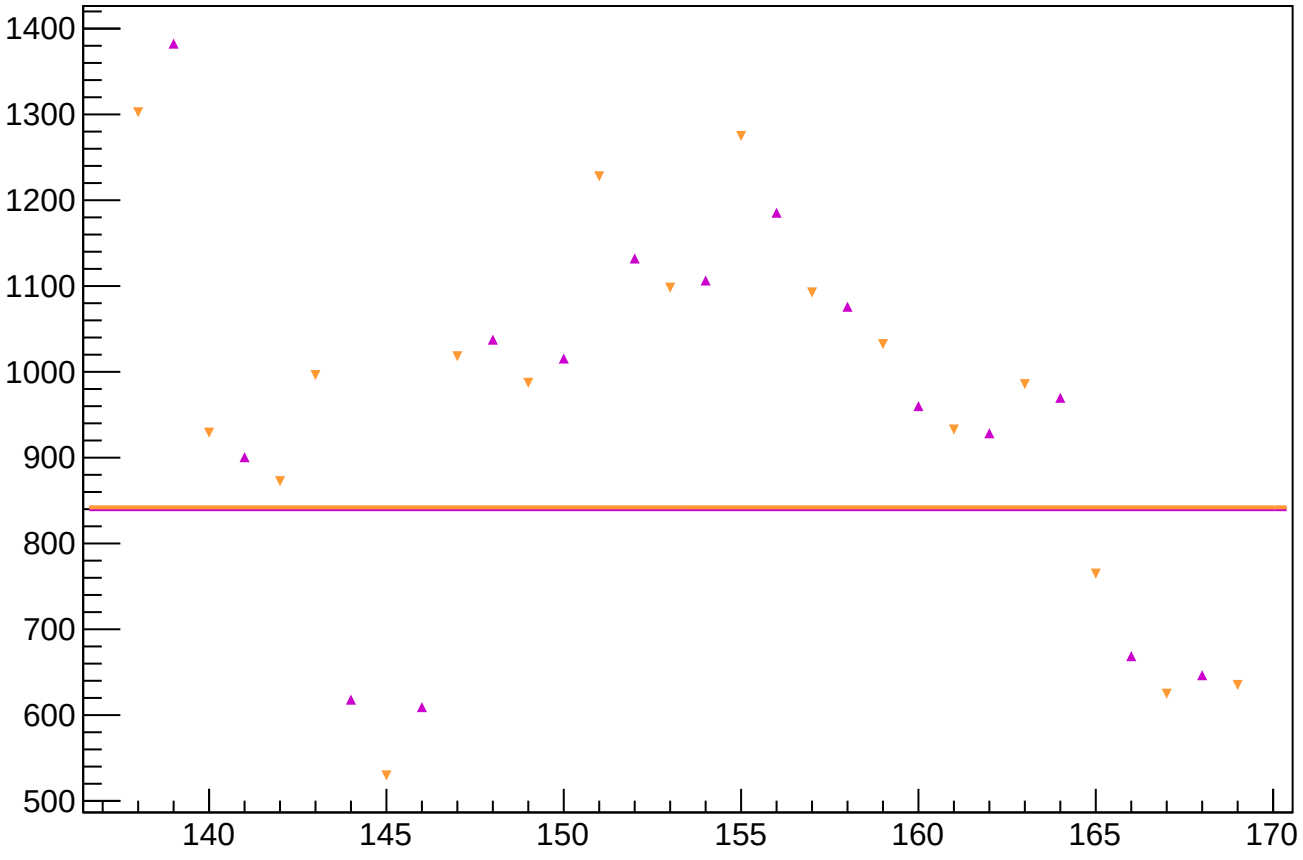
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -166.553+/-253.494 χ^2/NDF:12.0/14

Out: -1448.582+/-246.263 χ^2/NDF:38.5/16

All: -826.115+/-176.635 χ^2/NDF: 63.6/31

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 842.133+/-0.174 χ^2/NDF:1789963.6/16

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

Left In: 839.989+/-0.179 χ^2/NDF:1506662.0/14

Left: 841.092+/-0.125 χ^2/NDF: 3296699.3/31

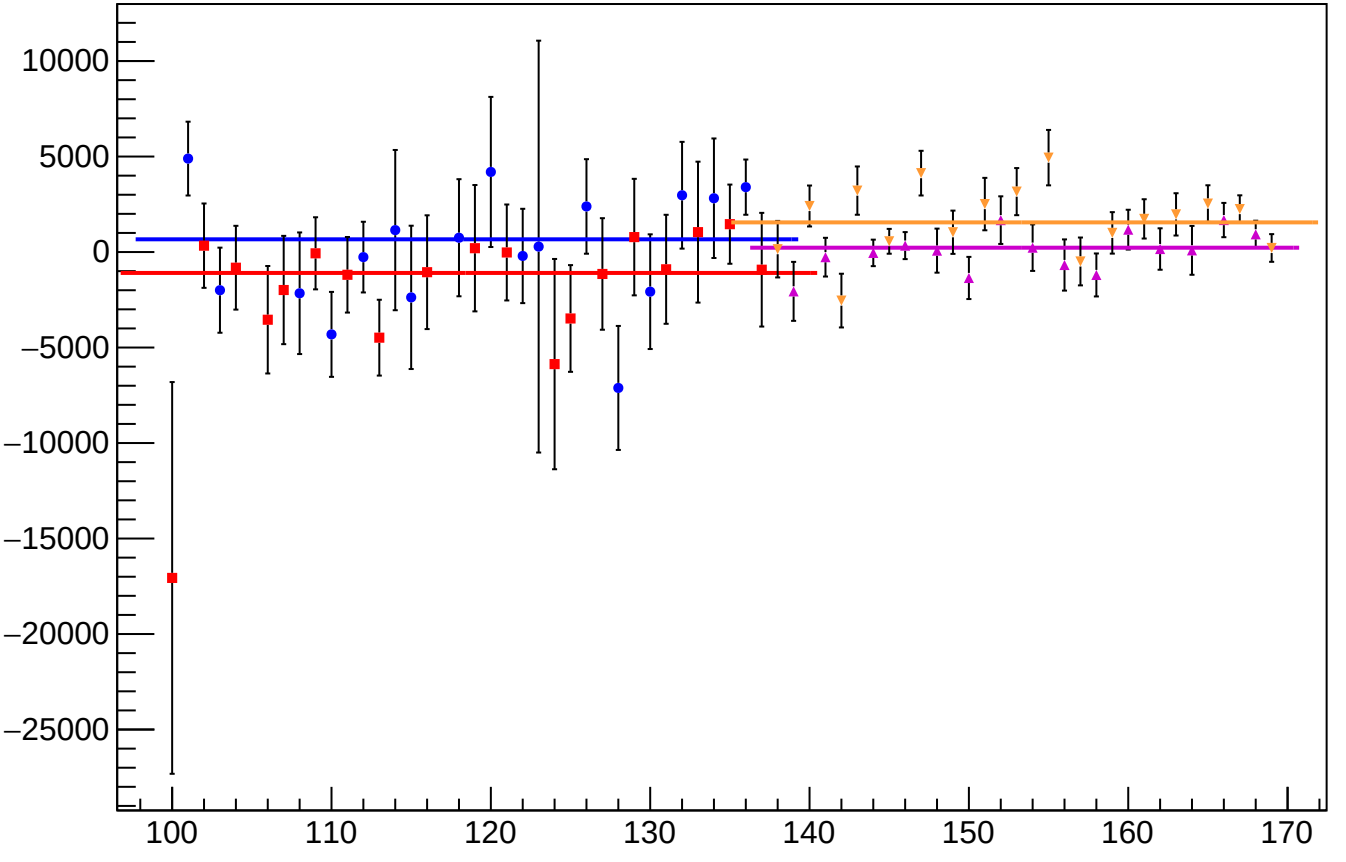
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 839.989+/-0.179 χ^2/NDF:1506662.0/14

Out: 842.133+/-0.174 χ^2/NDF:1789963.6/16

All: 841.092+/-0.125 χ^2/NDF: 3296699.3/31

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1552.502+/-248.767 χ^2/NDF:35.3/16

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: 226.960+/-255.719 χ^2/NDF:12.5/14

Left: 907.994+/-178.312 χ^2/NDF: 61.6/31

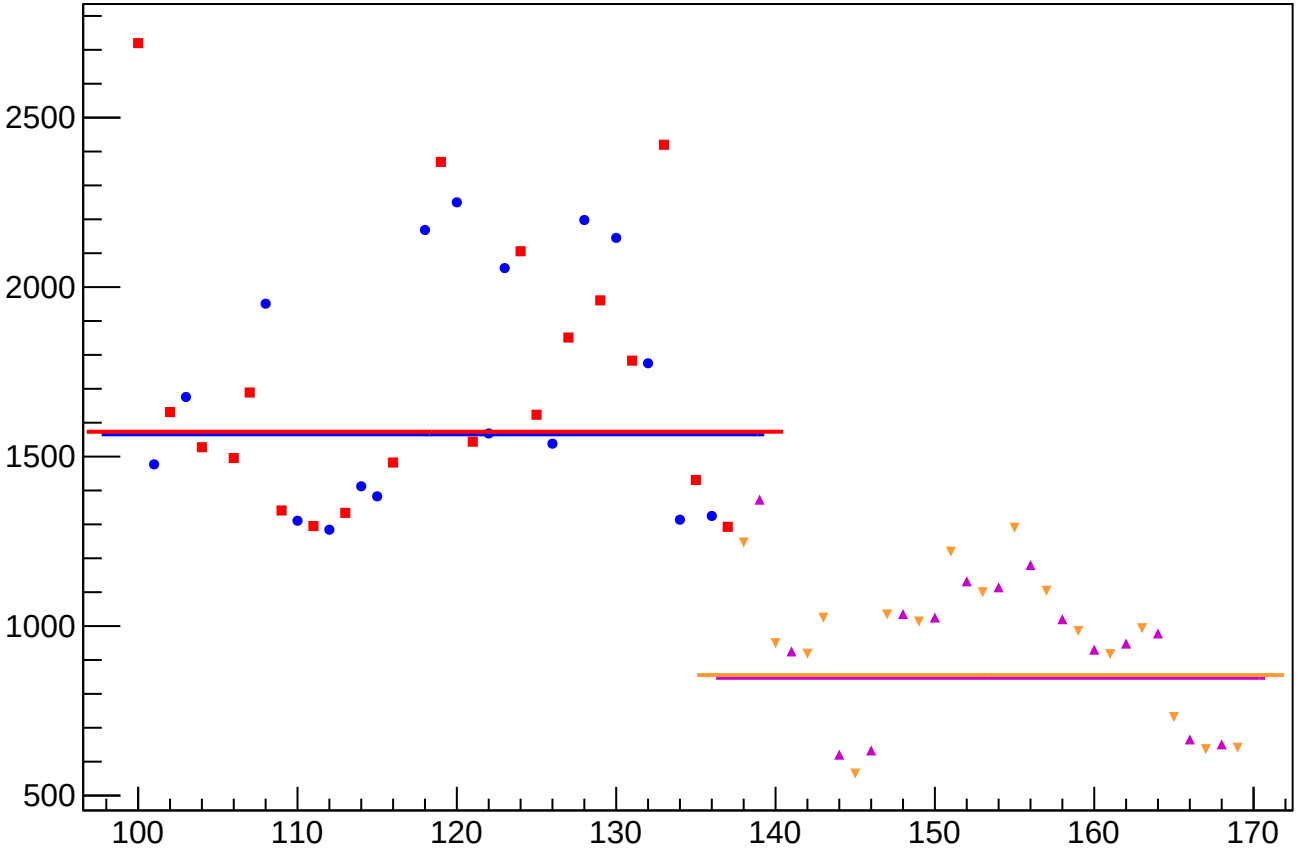
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 291.060+/-236.337 χ^2/NDF:38.6/31

Out: 1167.152+/-229.946 χ^2/NDF:62.8/35

All: 741.111+/-164.809 χ^2/NDF: 108.4/67

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 855.459+/-0.176 χ^2/NDF:1617219.3/16

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 847.472+/-0.181 χ^2/NDF:1400511.3/14

Left: 851.576+/-0.126 χ^2/NDF: 3018733.0/31

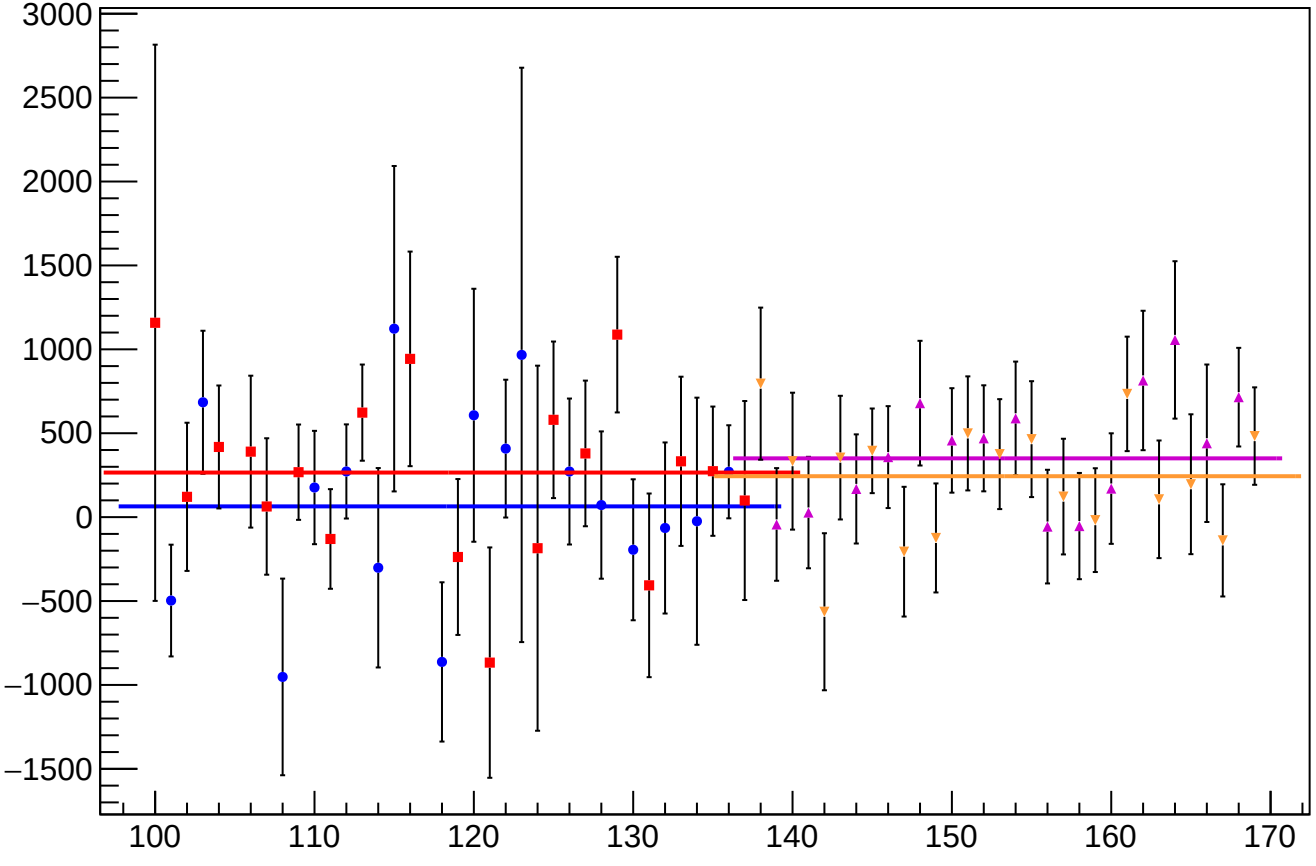
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 952.214+/-0.167 χ^2/NDF:4191895.0/31

Out: 959.981+/-0.163 χ^2/NDF:4504284.2/35

All: 956.204+/-0.117 χ^2/NDF: 8697288.7/67

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 243.858+/-83.556 χ^2/NDF:13.8/16

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 350.254+/-88.065 χ^2/NDF:12.6/14

Left: 294.263+/-60.614 χ^2/NDF: 27.2/31

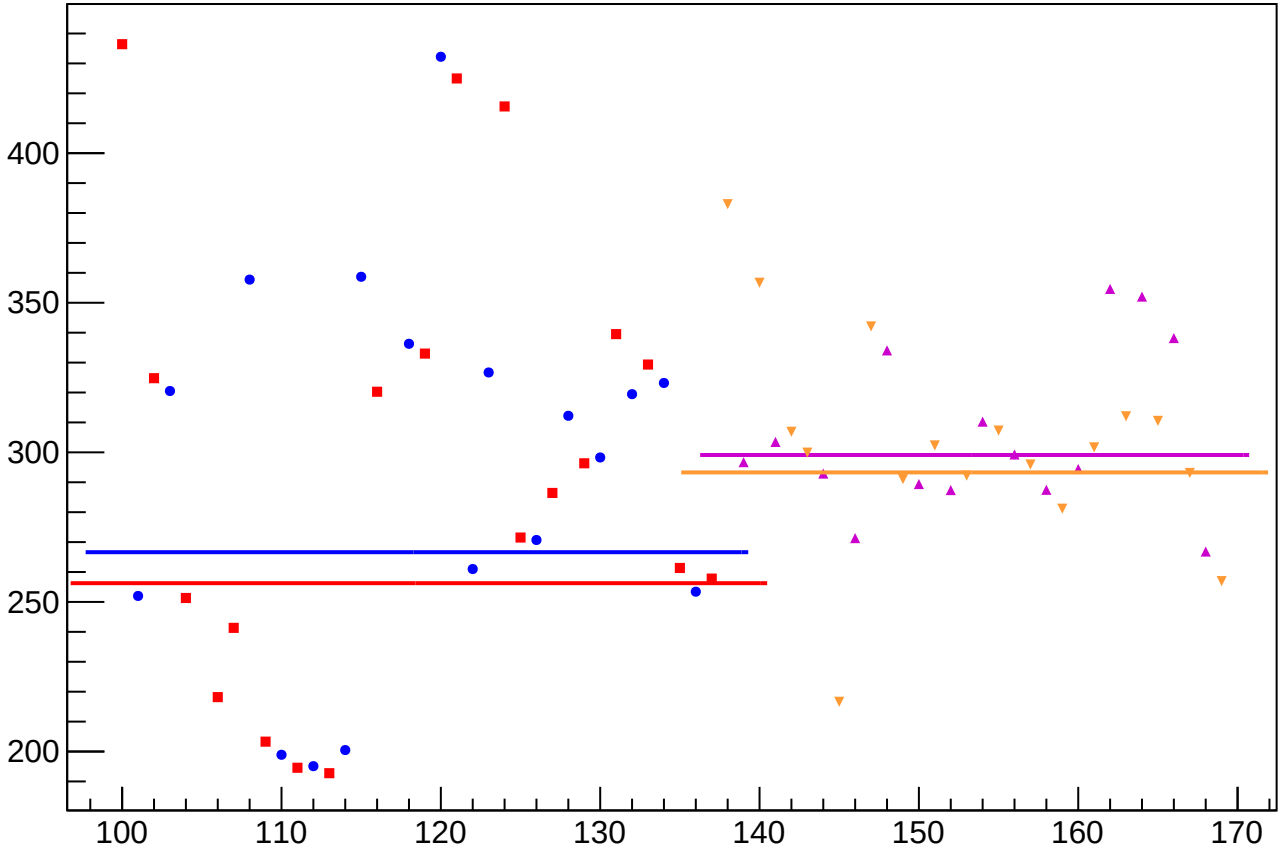
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 232.524+/-67.563 χ^2/NDF:33.7/31

Out: 252.888+/-63.955 χ^2/NDF:28.5/35

All: 243.264+/-46.446 χ^2/NDF: 62.3/67

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 293.294+/-0.059 χ^2/NDF:395285.3/16

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 299.117+/-0.062 χ^2/NDF:144773.5/14

Left: 296.053+/-0.043 χ^2/NDF: 544660.0/31

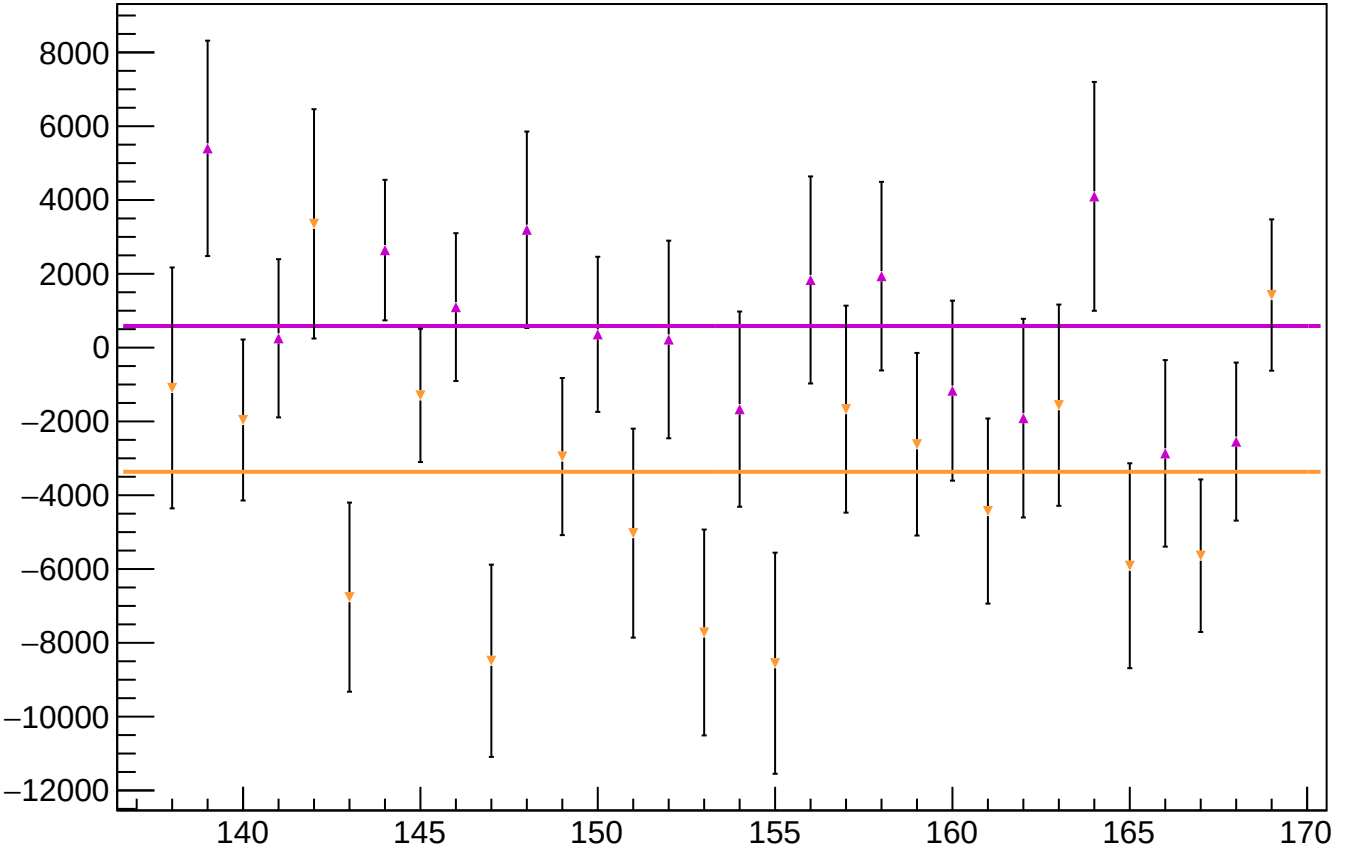
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 285.749+/-0.048 χ^2/NDF:807536.4/31

Out: 277.960+/-0.045 χ^2/NDF:1254826.3/35

All: 281.641+/-0.033 χ^2/NDF: 2076382.9/67

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -3364.881+/-599.283 χ^2/NDF:26.9/16

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

Left In: 585.839+/-623.205 χ^2/NDF:12.8/14

Left: -1466.798+/-431.967 χ^2/NDF: 60.6/31

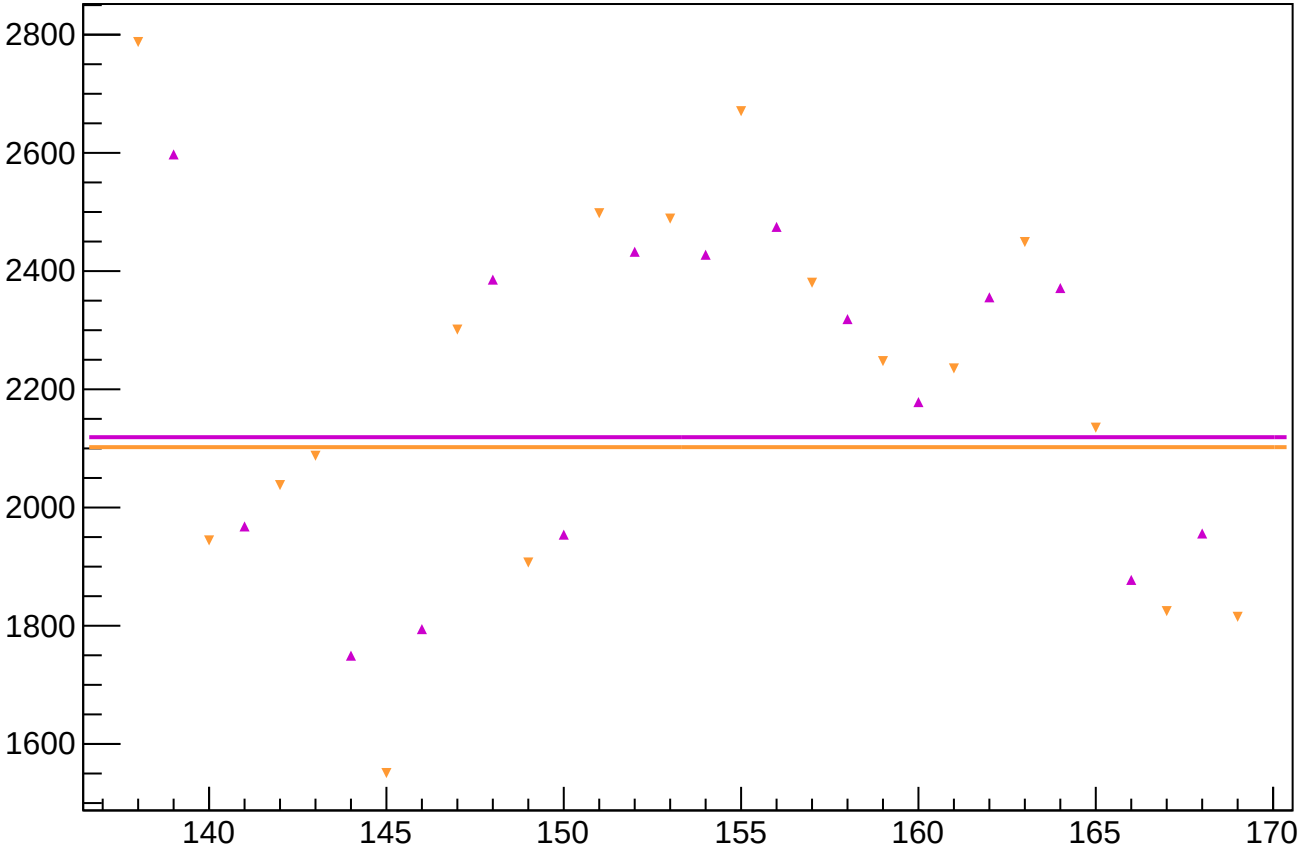
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 585.839+/-623.205 χ^2/NDF:12.8/14

Out: -3364.881+/-599.283 χ^2/NDF:26.9/16

All: -1466.798+/-431.967 χ^2/NDF: 60.6/31

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2102.139+/-0.424 χ^2/NDF:603989.6/16

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

Left In: 2119.006+/-0.441 χ^2/NDF:382766.6/14

Left: 2110.243+/-0.305 χ^2/NDF: 987517.3/31

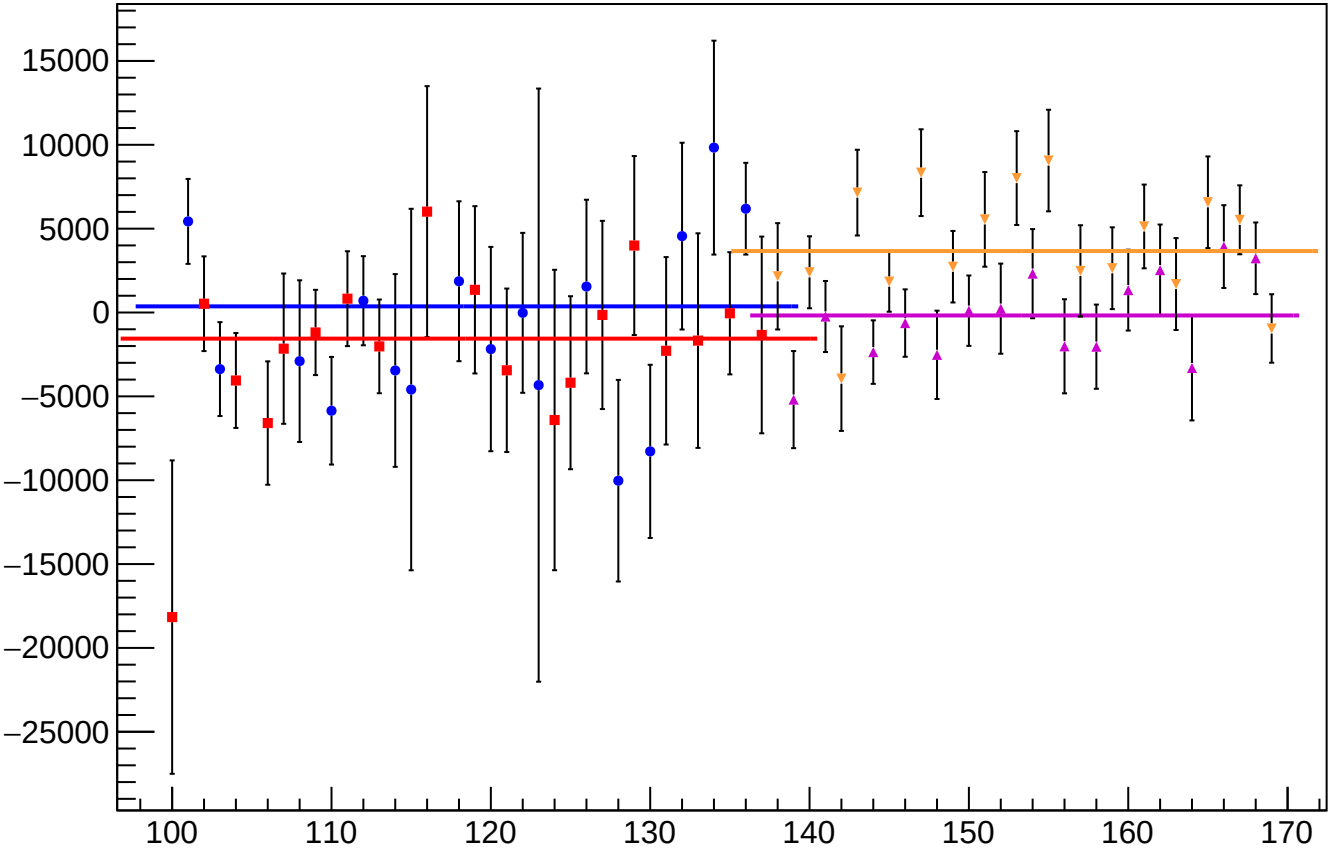
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2119.006+/-0.441 χ^2/NDF:382766.6/14

Out: 2102.139+/-0.424 χ^2/NDF:603989.6/16

All: 2110.243+/-0.305 χ^2/NDF: 987517.3/31

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 3664.425+/-595.355 χ^2/NDF:27.2/16

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -176.135+/-620.332 χ^2/NDF:14.8/14

Left: 1823.018+/-429.538 χ^2/NDF: 61.9/31

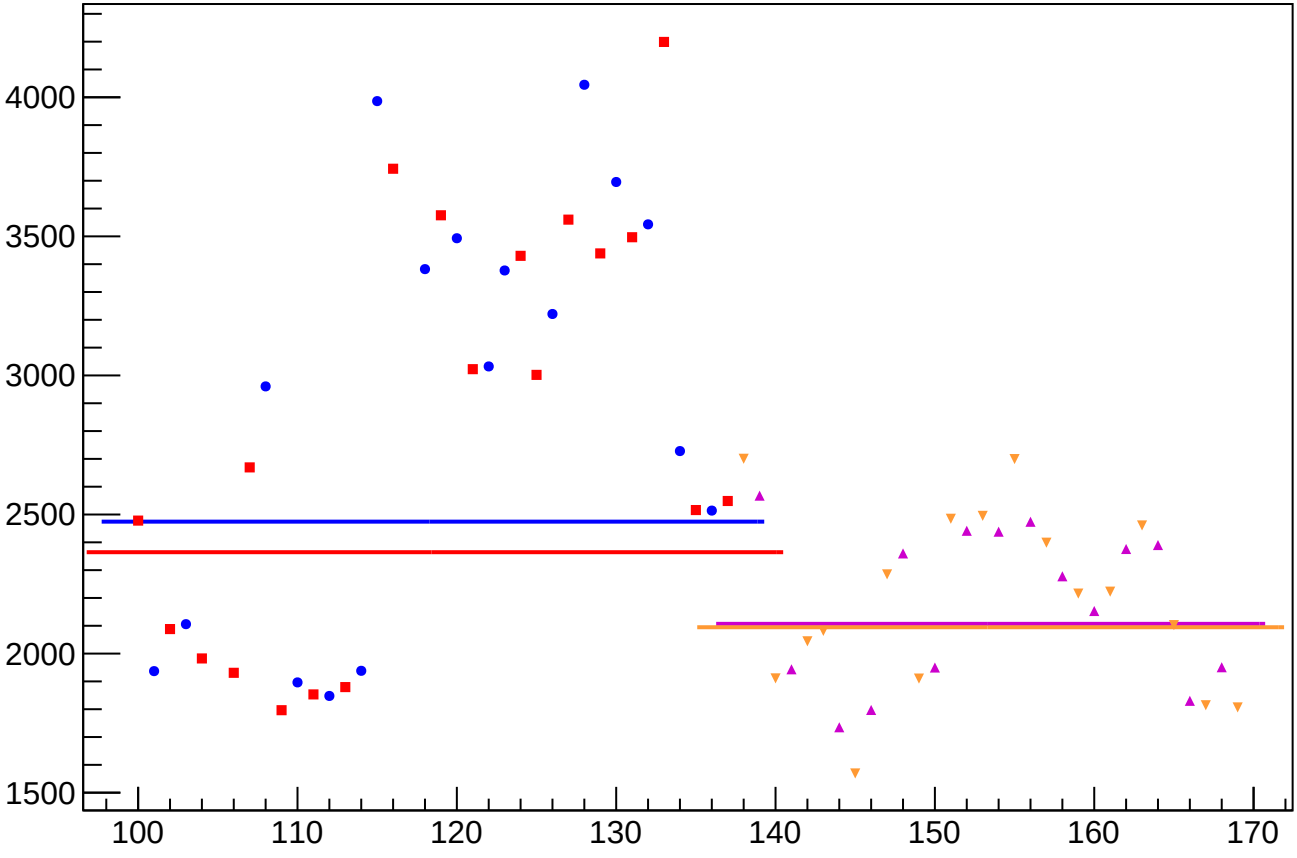
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -23.711+/-526.033 χ^2/NDF:39.2/31

Out: 2132.547+/-500.466 χ^2/NDF:60.3/35

All: 1108.090+/-362.585 χ^2/NDF: 108.3/67

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2094.716+/-0.421 χ^2/NDF:592236.3/16

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2106.909+/-0.439 χ^2/NDF:395006.8/14

Left: 2100.562+/-0.304 χ^2/NDF: 987645.3/31

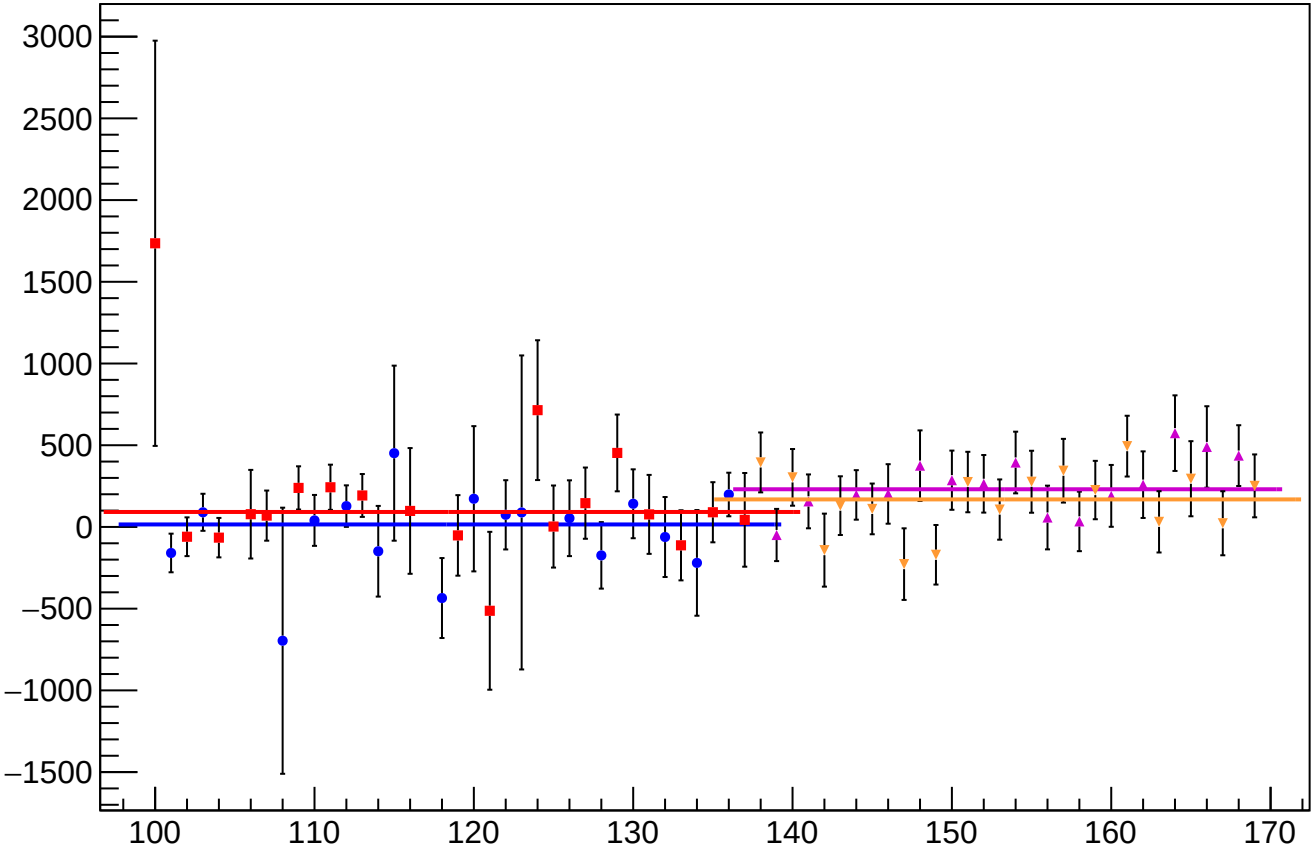
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2210.141+/-0.372 χ^2/NDF:1498434.4/31

Out: 2173.862+/-0.354 χ^2/NDF:1736125.5/35

All: 2191.099+/-0.256 χ^2/NDF: 3239553.2/67

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 168.487+/-45.642 χ^2/NDF:17.3/16

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 230.578+/-47.991 χ^2/NDF:11.2/14

Left: 197.976+/-33.073 χ^2/NDF: 29.4/31

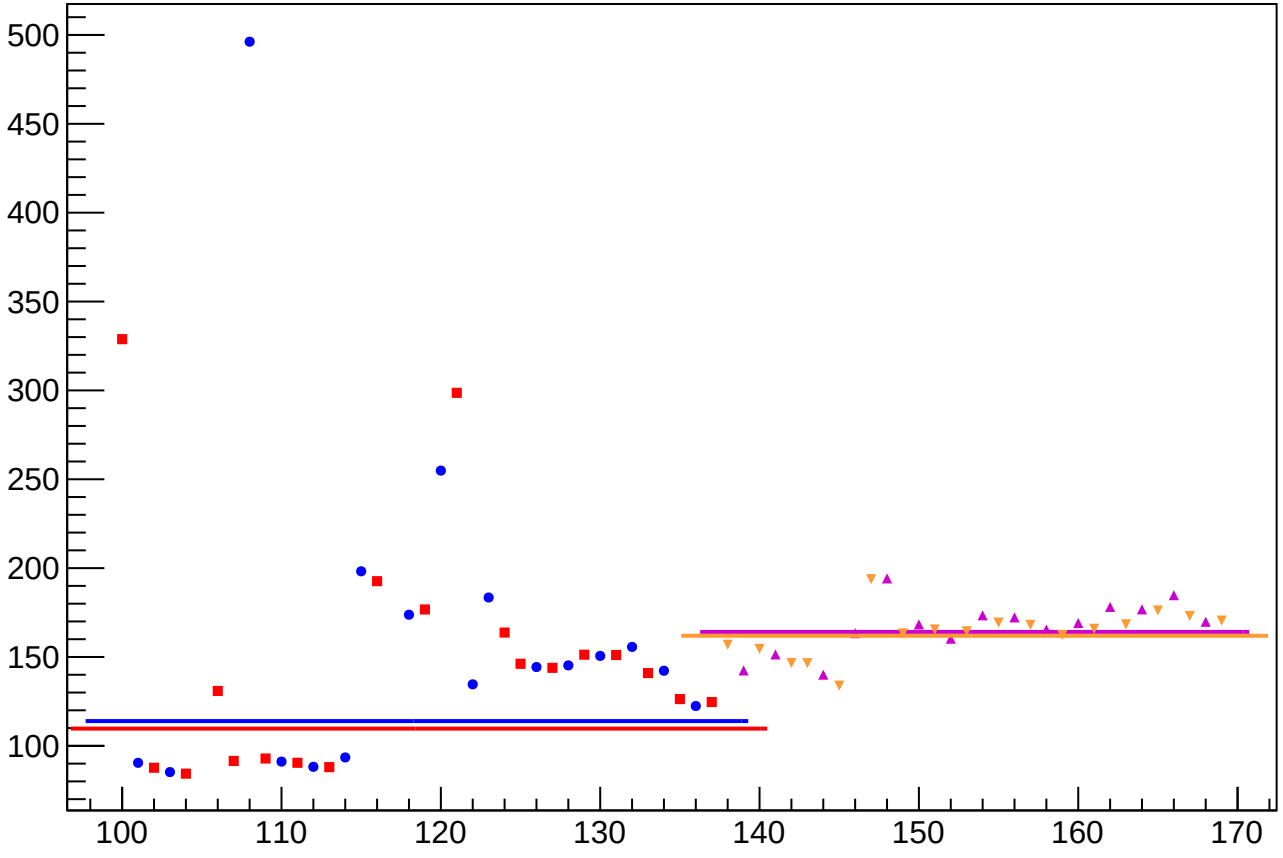
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 119.415+/-33.374 χ^2/NDF:34.2/31

Out: 128.054+/-31.420 χ^2/NDF:34.5/35

All: 123.995+/-22.877 χ^2/NDF: 68.6/67

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 161.947+/-0.032 χ^2/NDF:164615.2/16

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 164.109+/-0.034 χ^2/NDF:181155.3/14

Left: 162.974+/-0.023 χ^2/NDF: 347901.5/31

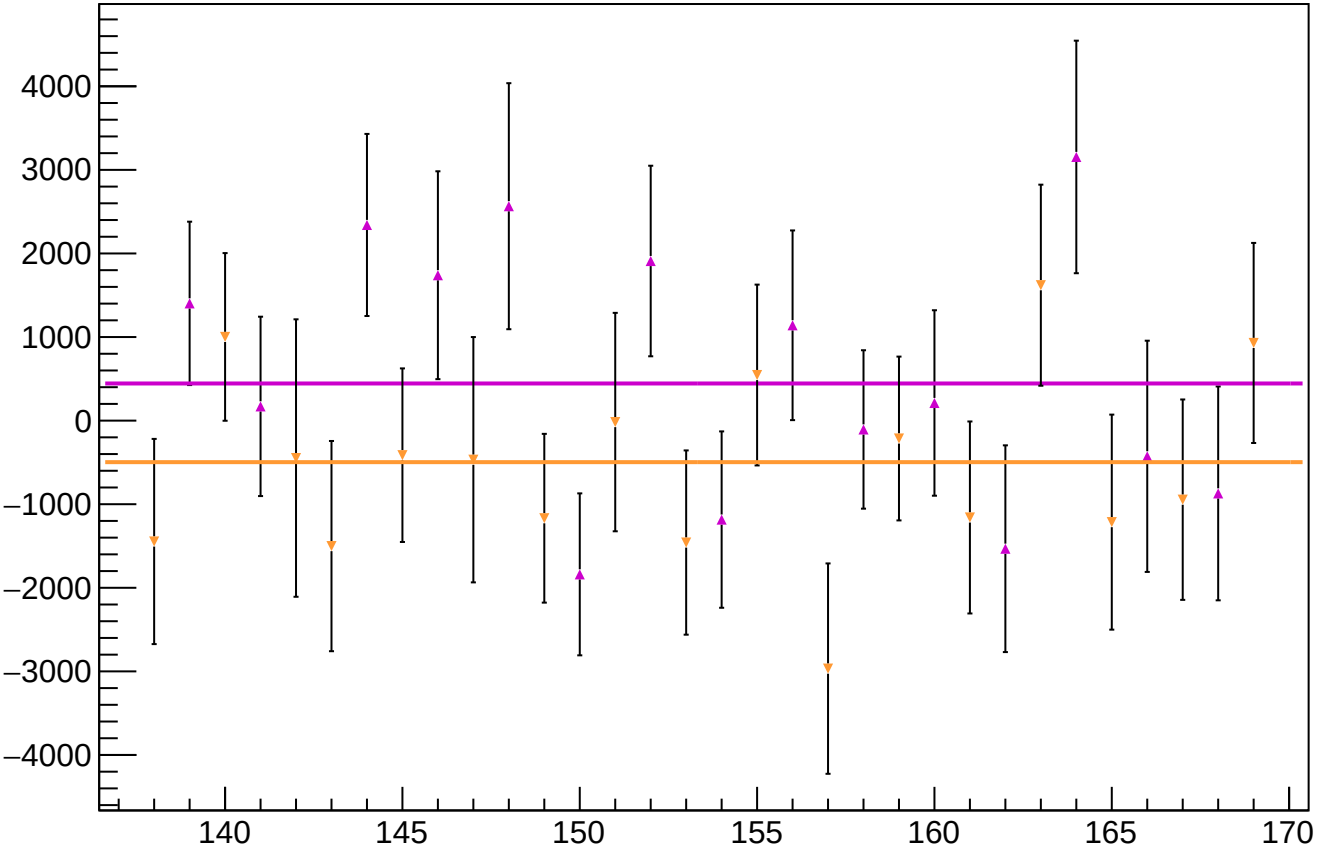
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 138.199+/-0.024 χ^2/NDF:2718030.2/31

Out: 134.465+/-0.022 χ^2/NDF:2784924.3/35

All: 136.219+/-0.016 χ^2/NDF: 5516226.0/67

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -496.775+/-283.871 χ^2/NDF:15.0/16

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

Left In: 444.457+/-293.527 χ^2/NDF:25.4/14

Left: -41.895+/-204.056 χ^2/NDF: 45.7/31

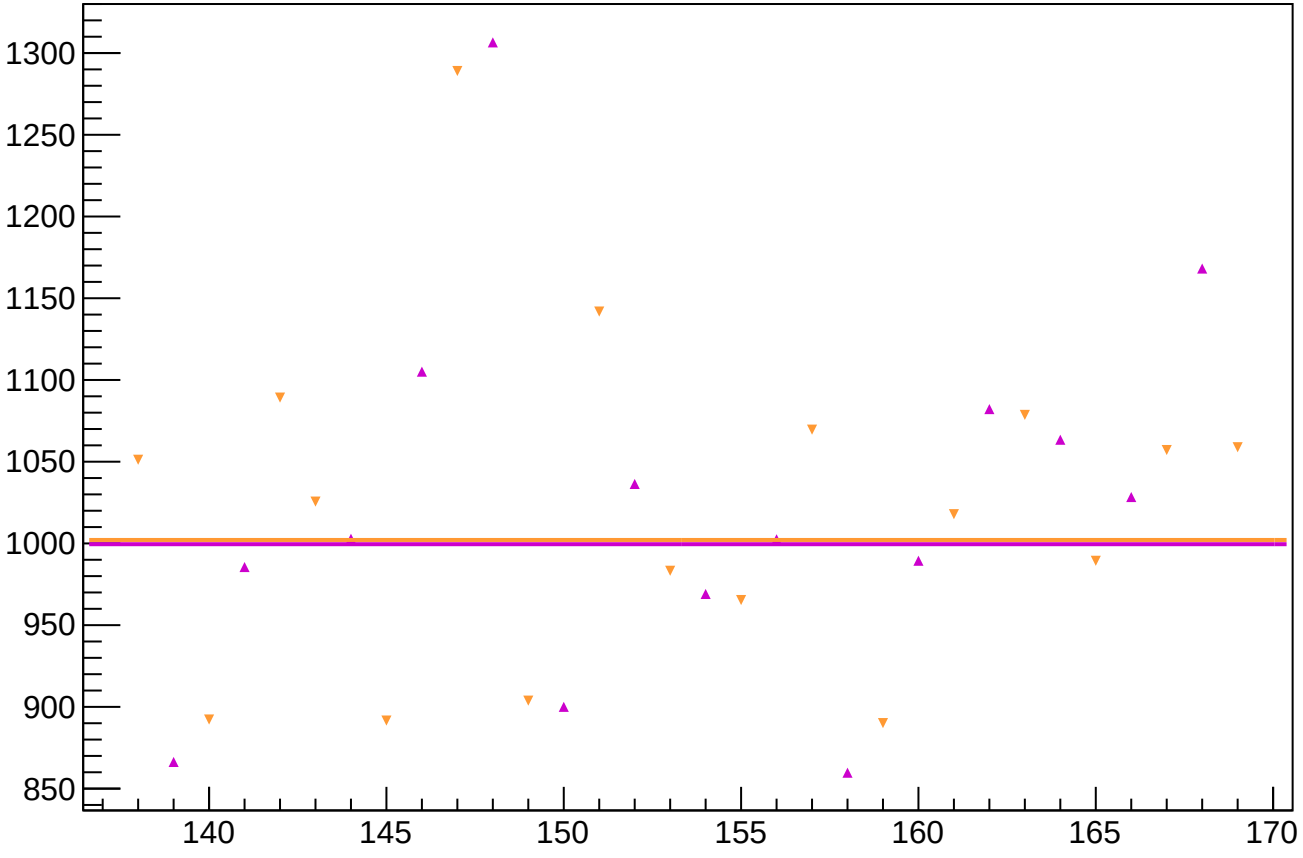
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 444.457+/-293.527 χ^2/NDF:25.4/14

Out: -496.775+/-283.871 χ^2/NDF:15.0/16

All: -41.895+/-204.056 χ^2/NDF: 45.7/31

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 1002.122+/-0.201 χ^2/NDF:226468.2/16

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

Left In: 999.523+/-0.208 χ^2/NDF:256279.7/14

Left: 1000.866+/-0.144 χ^2/NDF: 482828.9/31

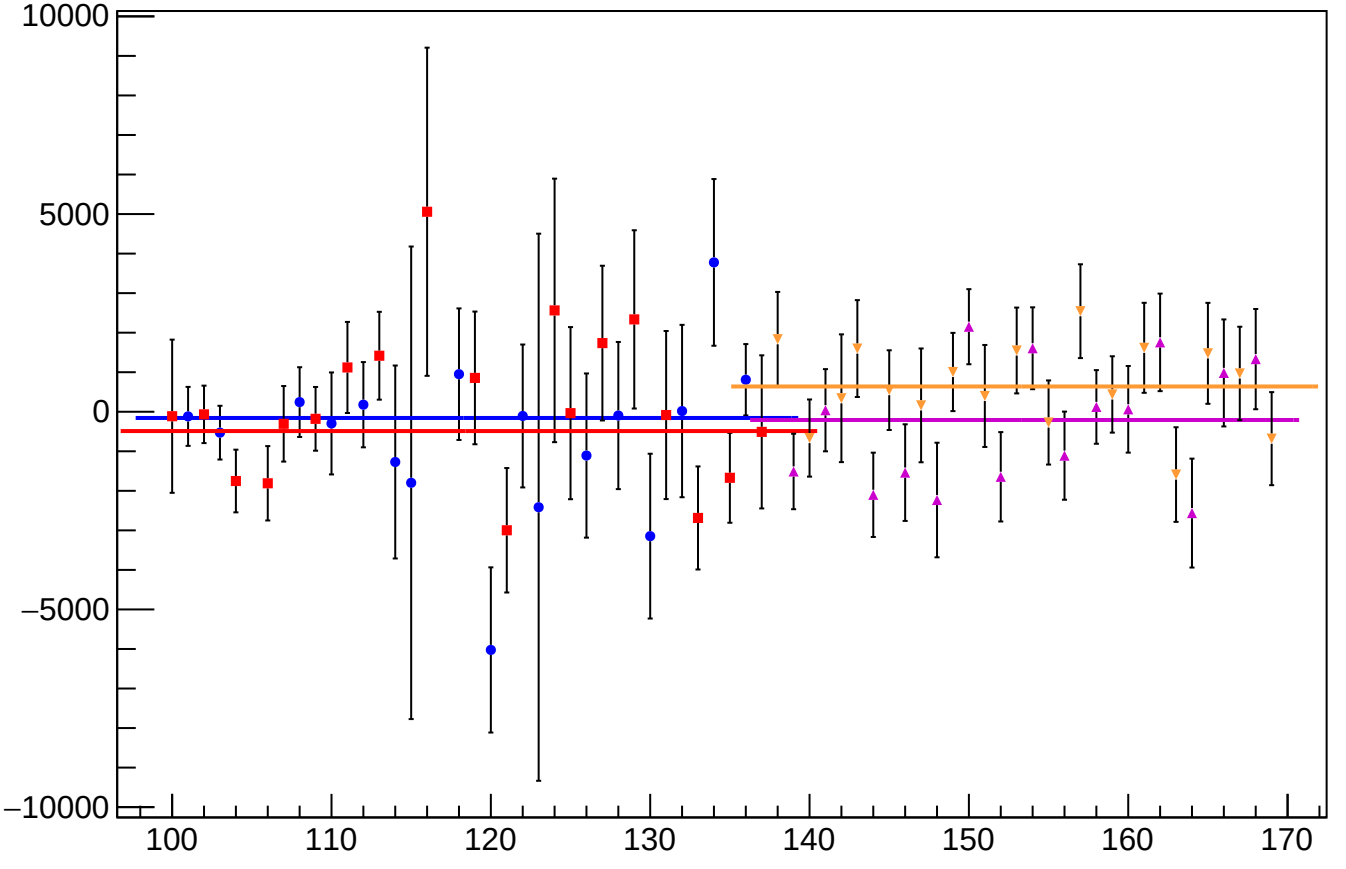
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 999.523+/-0.208 χ^2/NDF:256279.7/14

Out: 1002.122+/-0.201 χ^2/NDF:226468.2/16

All: 1000.866+/-0.144 χ^2/NDF: 482828.9/31

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 639.164+/-278.147 χ^2/NDF:13.8/16

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -208.349+/-288.454 χ^2/NDF:27.6/14

Left: 230.819+/-200.224 χ^2/NDF: 45.8/31

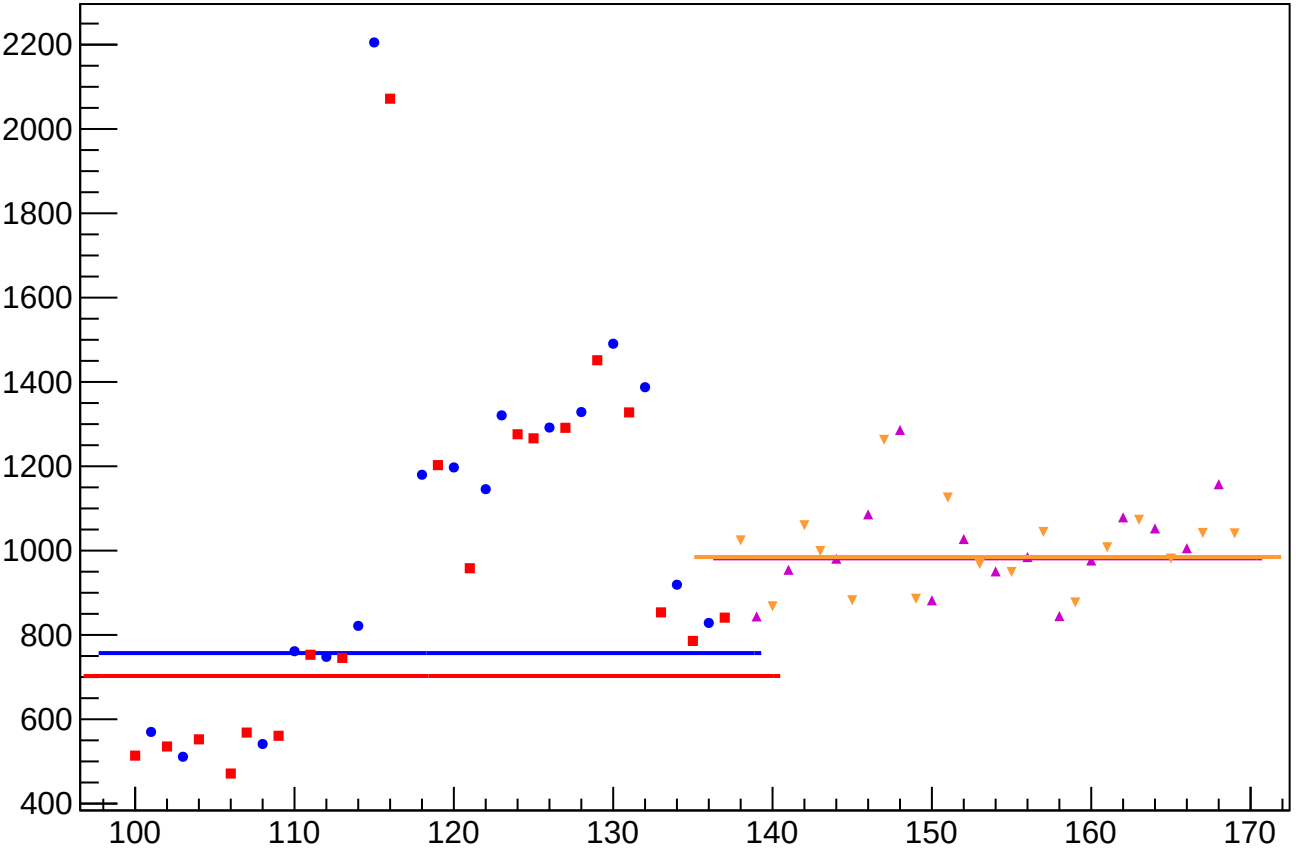
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -184.808+/-211.959 χ^2/NDF:43.9/31

Out: 84.561+/-198.290 χ^2/NDF:44.5/35

All: -41.158+/-144.804 χ^2/NDF: 89.2/67

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 984.781+/-0.197 χ^2/NDF:228398.2/16

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 981.563+/-0.204 χ^2/NDF:273037.5/14

Left: 983.230+/-0.142 χ^2/NDF: 501564.6/31

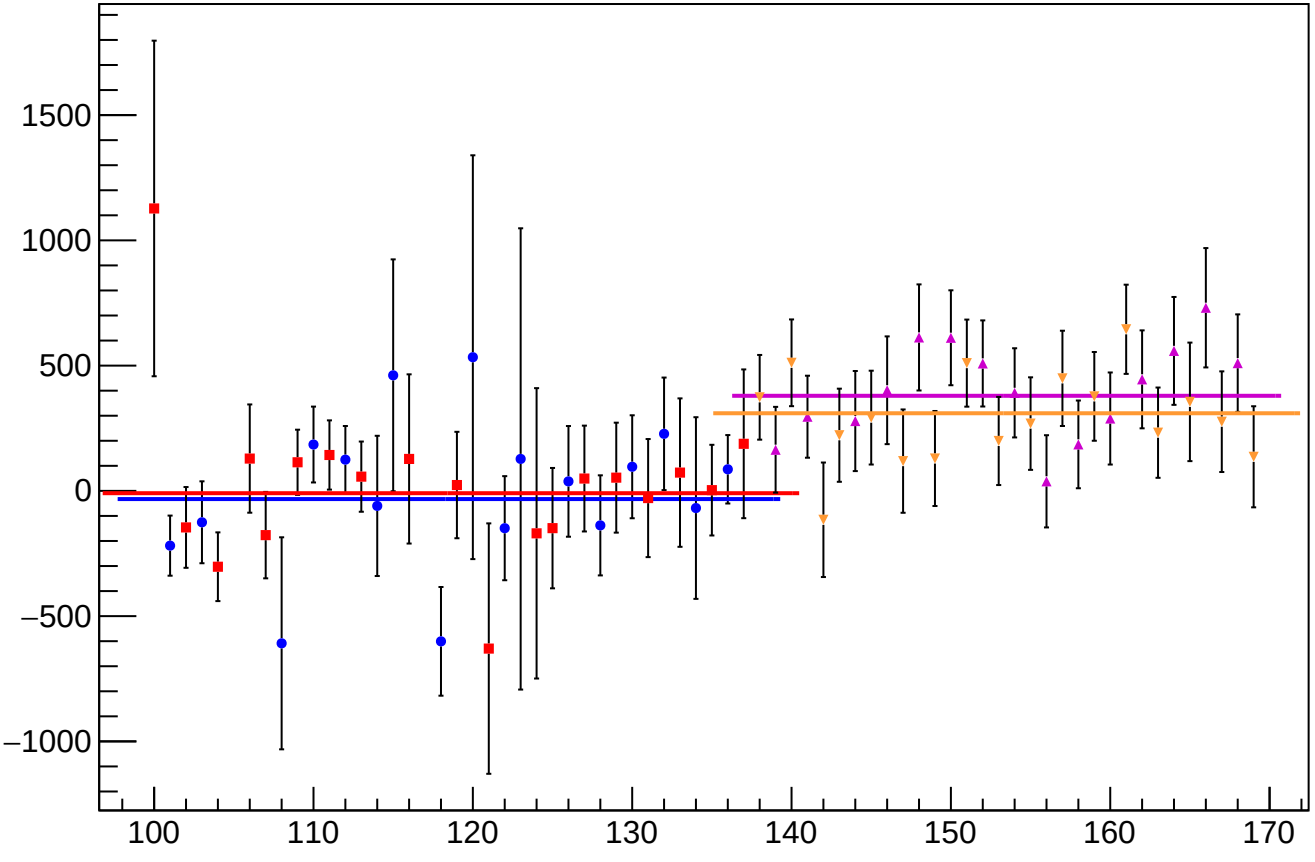
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 878.246+/-0.150 χ^2/NDF:2542046.1/31

Out: 846.038+/-0.140 χ^2/NDF:2929869.9/35

All: 861.070+/-0.102 χ^2/NDF: 5496542.7/67

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 309.846+/-45.639 χ^2/NDF:13.9/16

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 379.553+/-48.958 χ^2/NDF:13.7/14

Left: 342.257+/-33.383 χ^2/NDF: 28.8/31

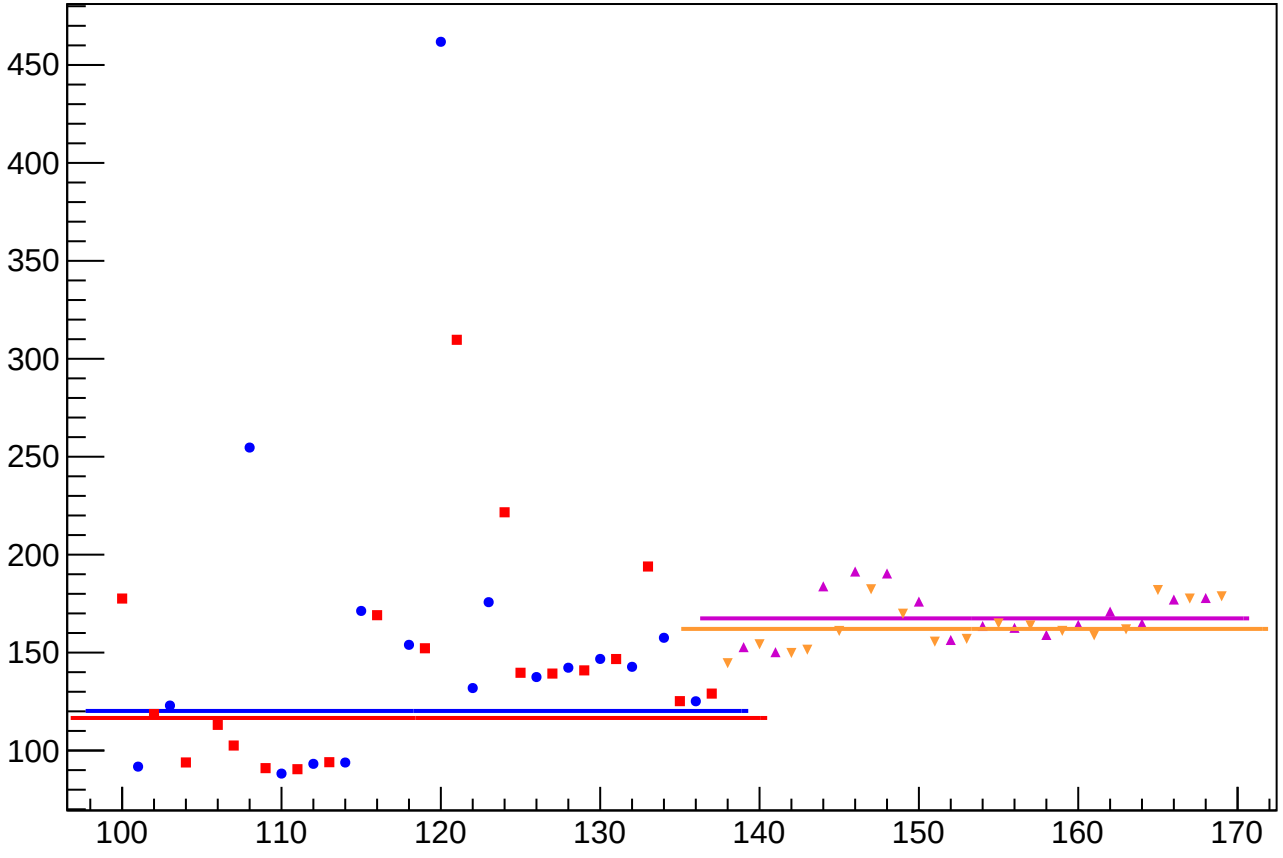
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 171.201+/-34.431 χ^2/NDF:69.3/31

Out: 150.146+/-32.258 χ^2/NDF:53.1/35

All: 159.988+/-23.540 χ^2/NDF: 122.6/67

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 162.090+/-0.032 χ^2/NDF:105991.7/16

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 167.463+/-0.035 χ^2/NDF:128420.8/14

Left: 164.588+/-0.024 χ^2/NDF: 247302.8/31

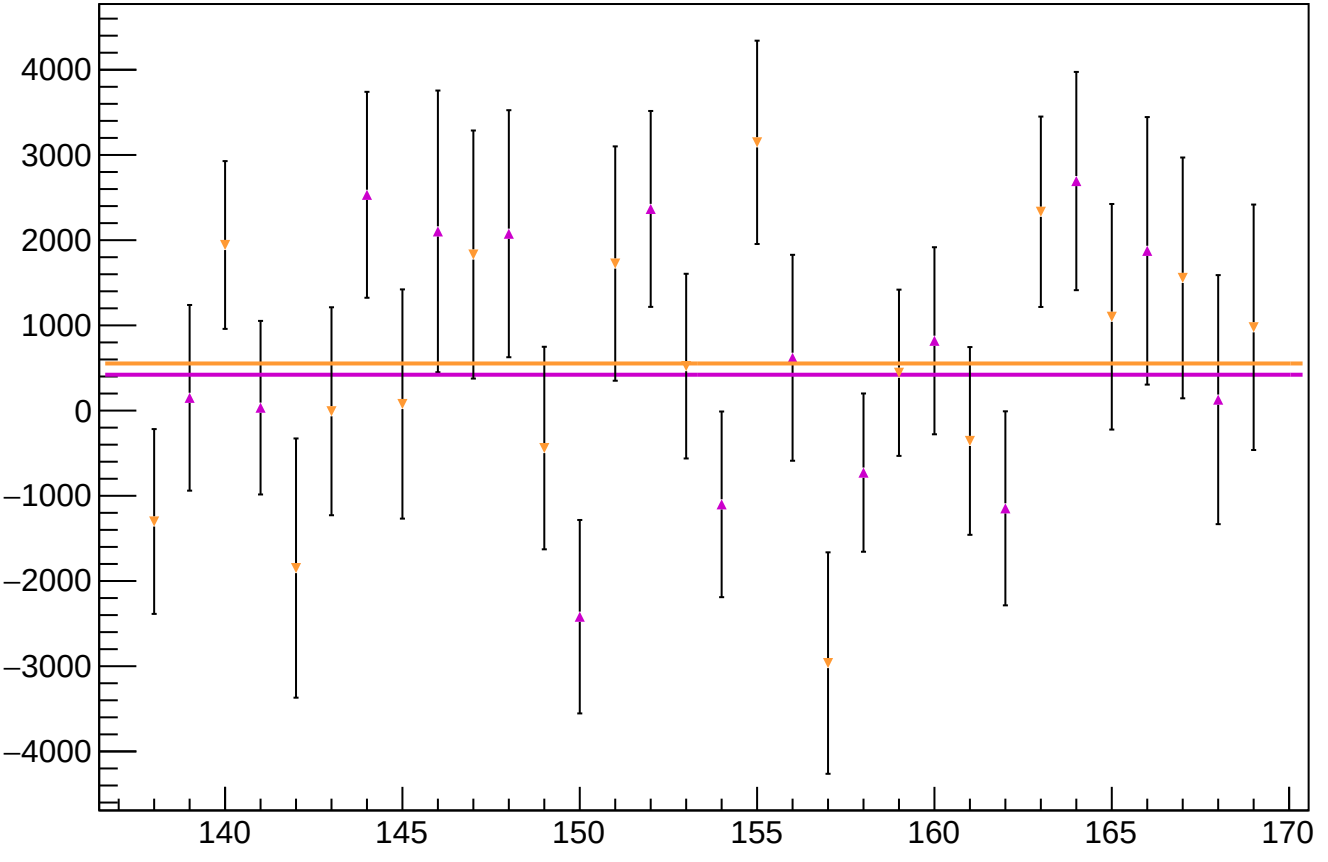
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 143.580+/-0.024 χ^2/NDF:2132540.0/31

Out: 139.334+/-0.023 χ^2/NDF:2097496.8/35

All: 141.319+/-0.017 χ^2/NDF: 4246229.0/67

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 552.888+/-293.336 χ^2/NDF:26.0/16

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

Left In: 420.877+/-306.617 χ^2/NDF:24.3/14

Left: 489.803+/-211.960 χ^2/NDF: 50.4/31

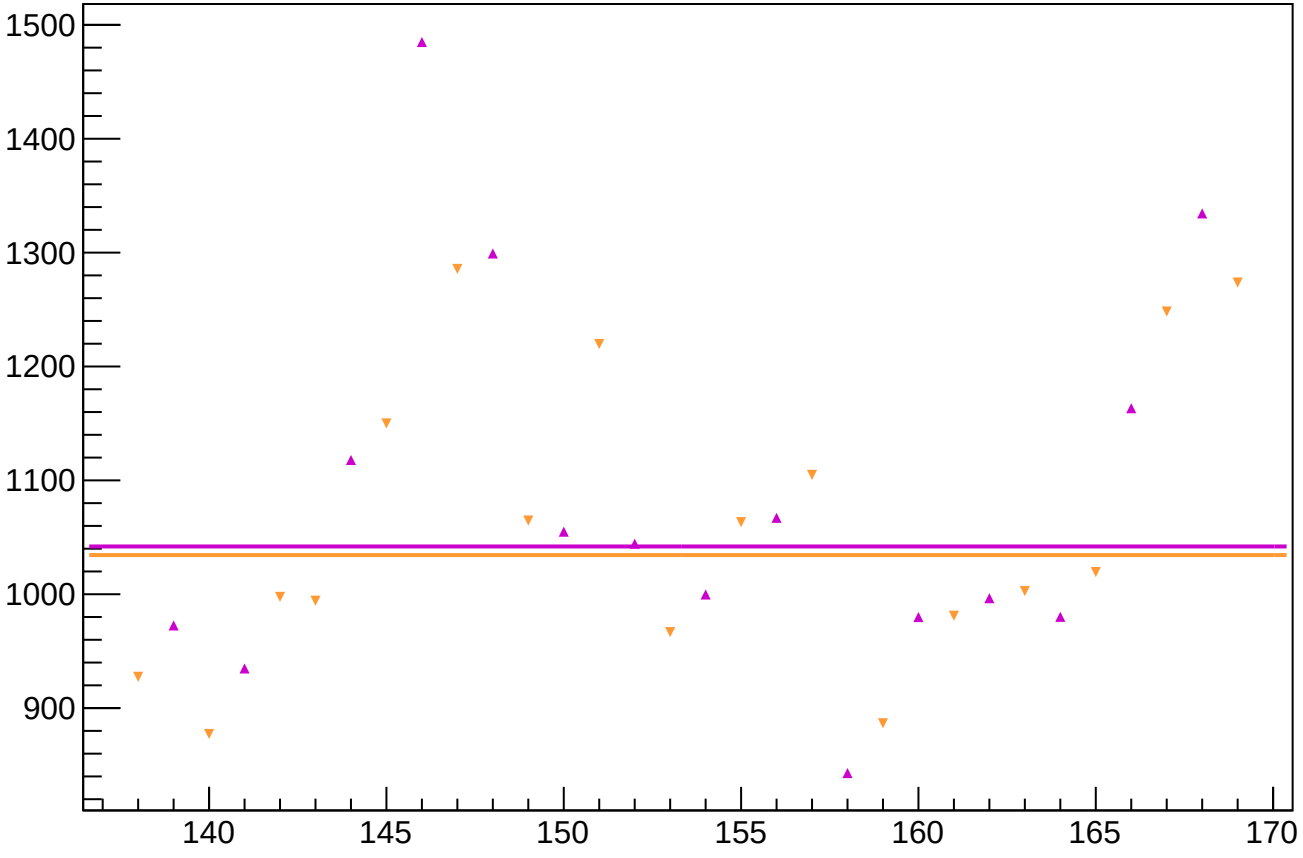
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 420.877+/-306.617 χ^2/NDF:24.3/14

Out: 552.888+/-293.336 χ^2/NDF:26.0/16

All: 489.803+/-211.960 χ^2/NDF: 50.4/31

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1034.402+/-0.207 χ^2/NDF:353958.8/16

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

Left In: 1041.952+/-0.217 χ^2/NDF:446984.3/14

Left: 1038.010+/-0.150 χ^2/NDF: 801576.2/31

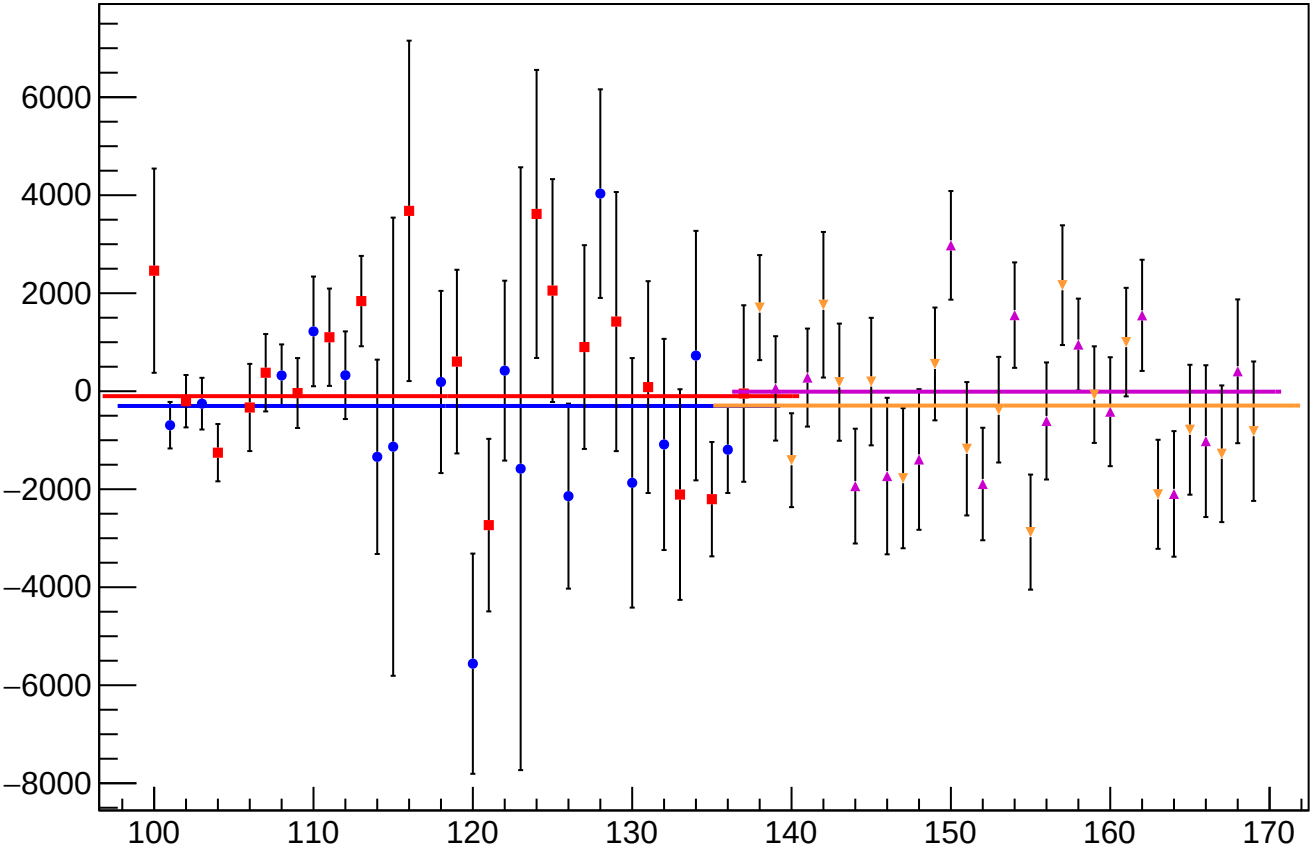
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1041.952+/-0.217 χ^2/NDF:446984.3/14

Out: 1034.402+/-0.207 χ^2/NDF:353958.8/16

All: 1038.010+/-0.150 χ^2/NDF: 801576.2/31

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -292.902+/-289.010 χ^2/NDF:22.8/16

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: -9.454+/-303.758 χ^2/NDF:23.4/14

Left: -158.225+/-209.381 χ^2/NDF: 46.7/31

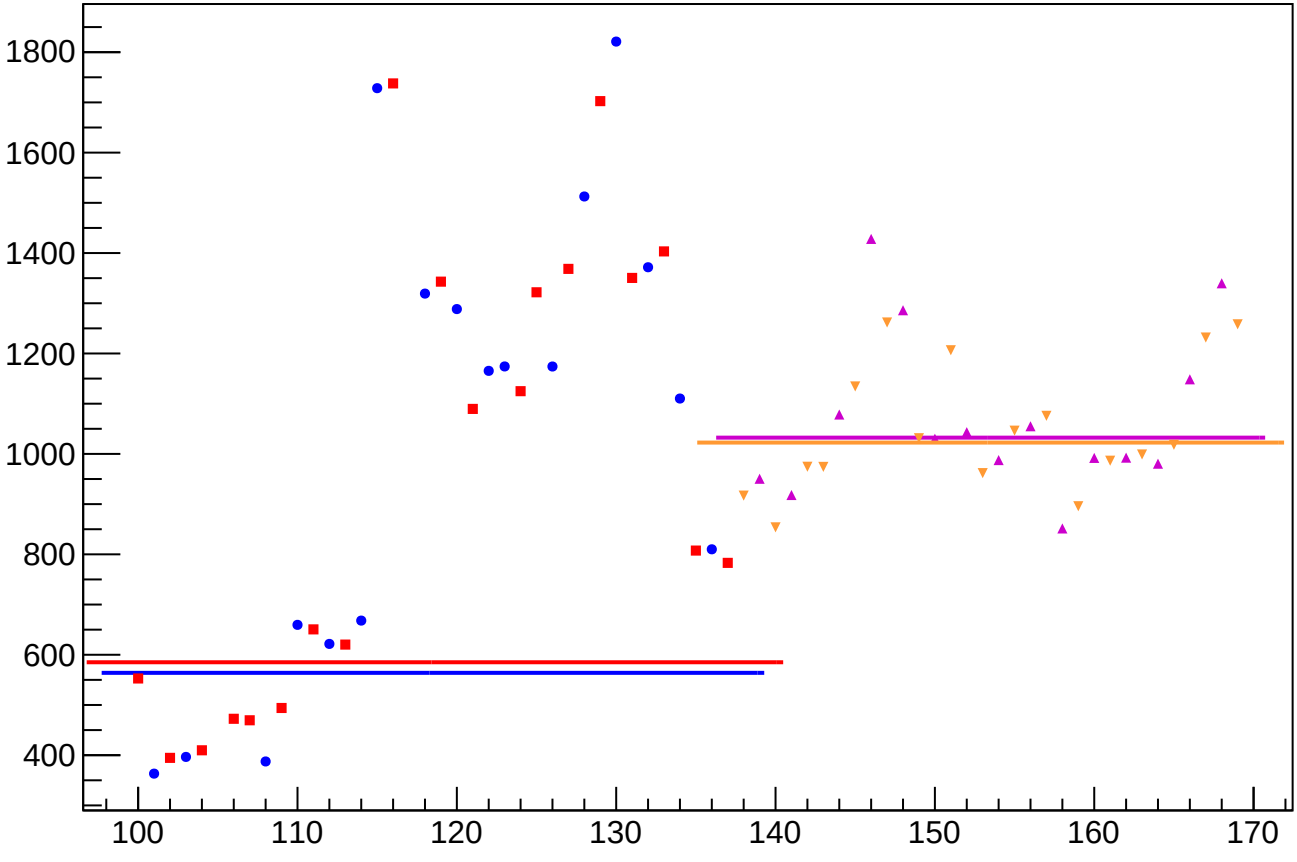
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -183.242+/-193.050 χ^2/NDF:40.8/31

Out: -181.533+/-187.319 χ^2/NDF:45.6/35

All: -182.361+/-134.435 χ^2/NDF: 86.4/67

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1022.579+/-0.204 χ^2/NDF:341195.4/16

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1032.385+/-0.215 χ^2/NDF:412409.3/14

Left: 1027.238+/-0.148 χ^2/NDF: 754698.9/31

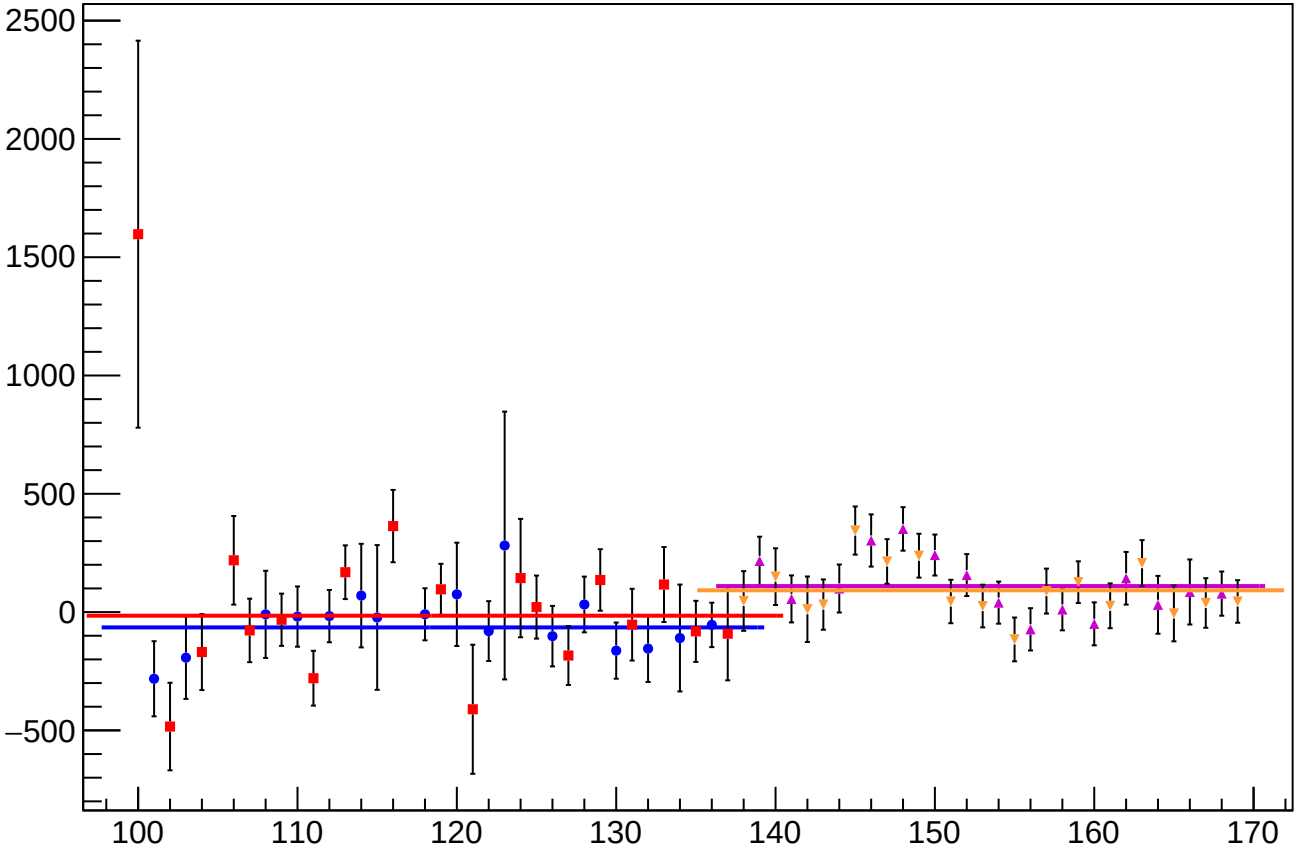
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 753.188+/-0.137 χ^2/NDF:6508474.9/31

Out: 768.861+/-0.132 χ^2/NDF:5819942.6/35

All: 761.261+/-0.095 χ^2/NDF: 12335207.8/67

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 92.046+/-24.249 χ^2/NDF:20.4/16

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 109.943+/-25.225 χ^2/NDF:23.7/14

Left: 100.641+/-17.481 χ^2/NDF: 44.4/31

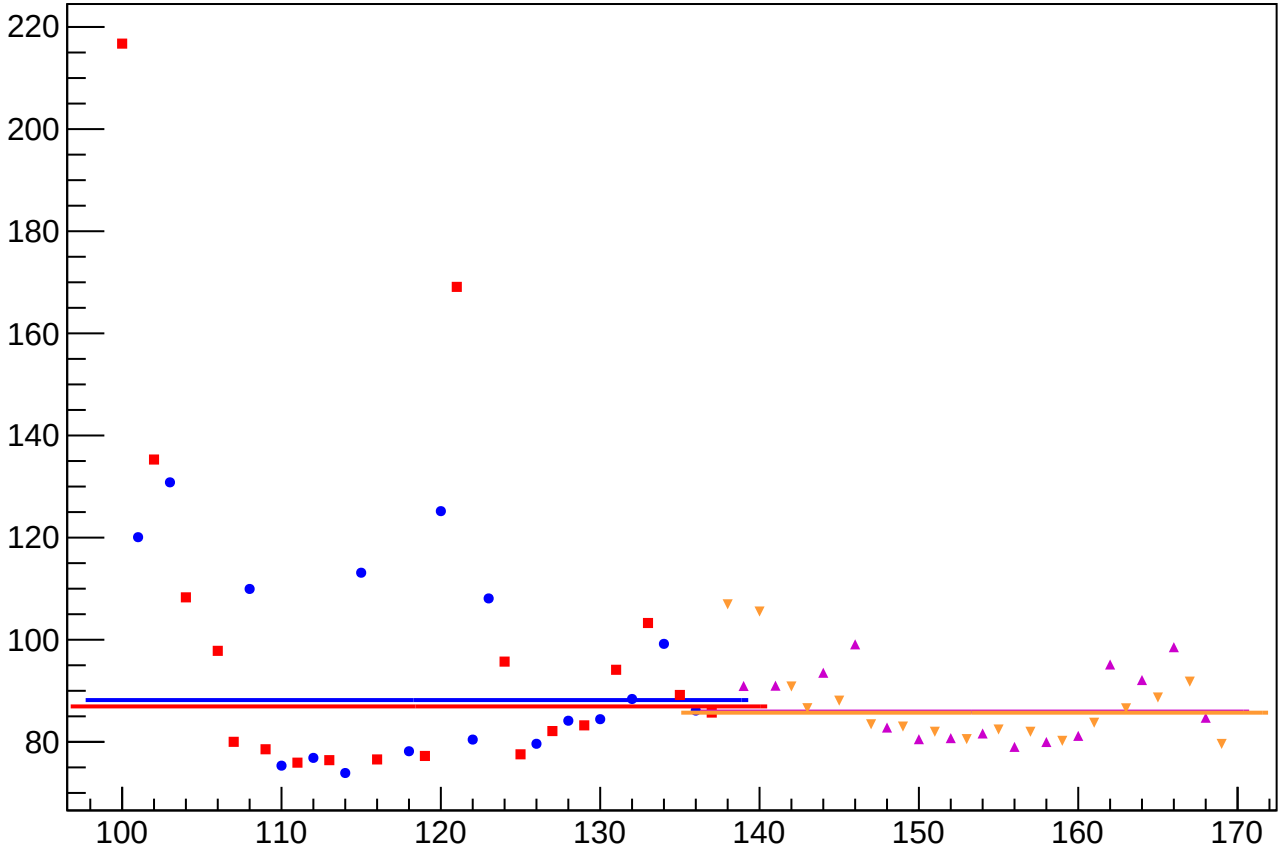
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 49.367+/-20.389 χ^2/NDF:46.5/31

Out: 55.027+/-19.627 χ^2/NDF:62.2/35

All: 52.305+/-14.140 χ^2/NDF: 108.7/67

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 85.719+/-0.017 χ^2/NDF:159650.8/16

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 85.931+/-0.018 χ^2/NDF:133931.5/14

Left: 85.821+/-0.012 χ^2/NDF: 293655.8/31

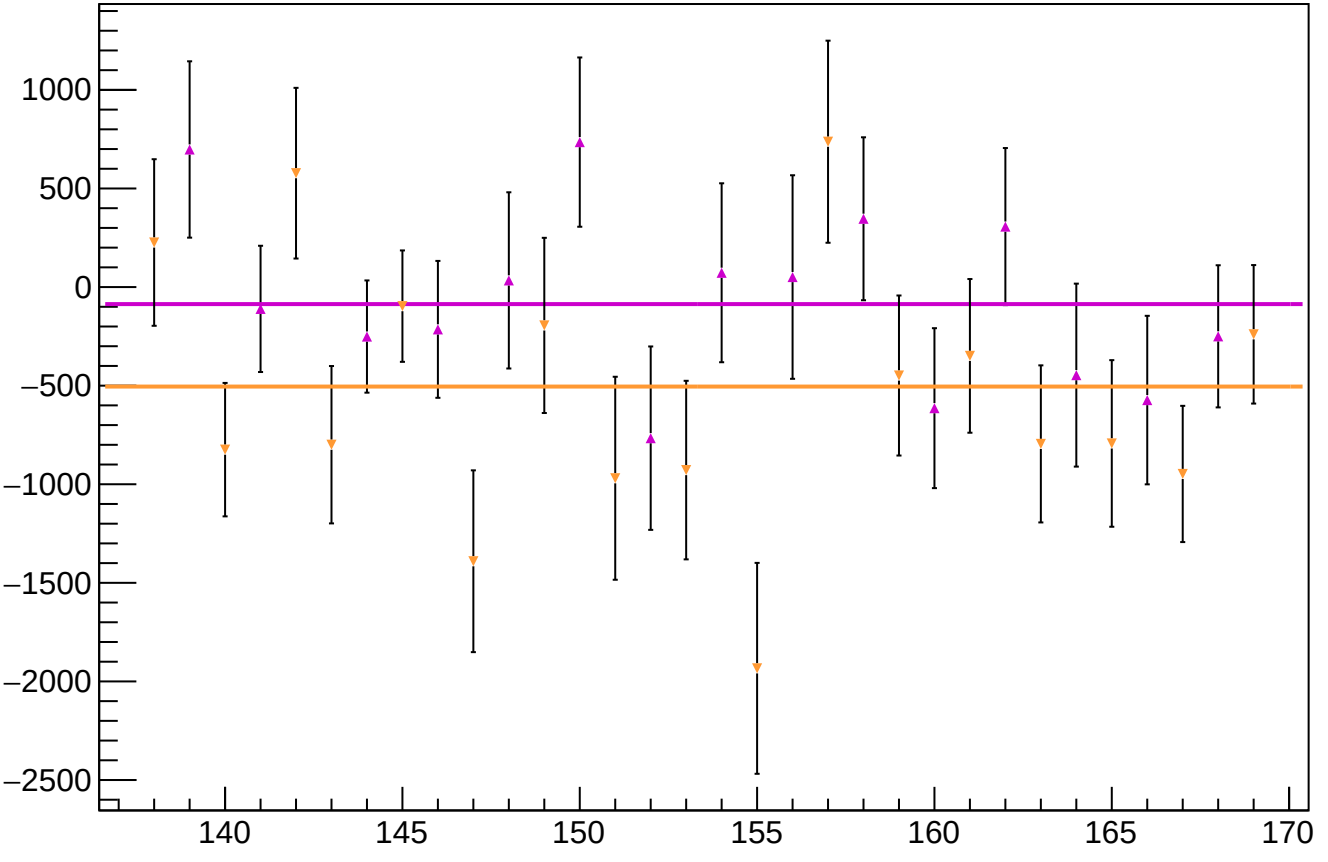
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 86.713+/-0.014 χ^2/NDF:533919.2/31

Out: 86.141+/-0.014 χ^2/NDF:692767.2/35

All: 86.416+/-0.010 χ^2/NDF: 1227502.6/67

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -504.579+/-97.469 χ^2/NDF:35.0/16

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

Left In: -86.354+/-102.529 χ^2/NDF:15.5/14

Left: -306.040+/-70.642 χ^2/NDF: 59.3/31

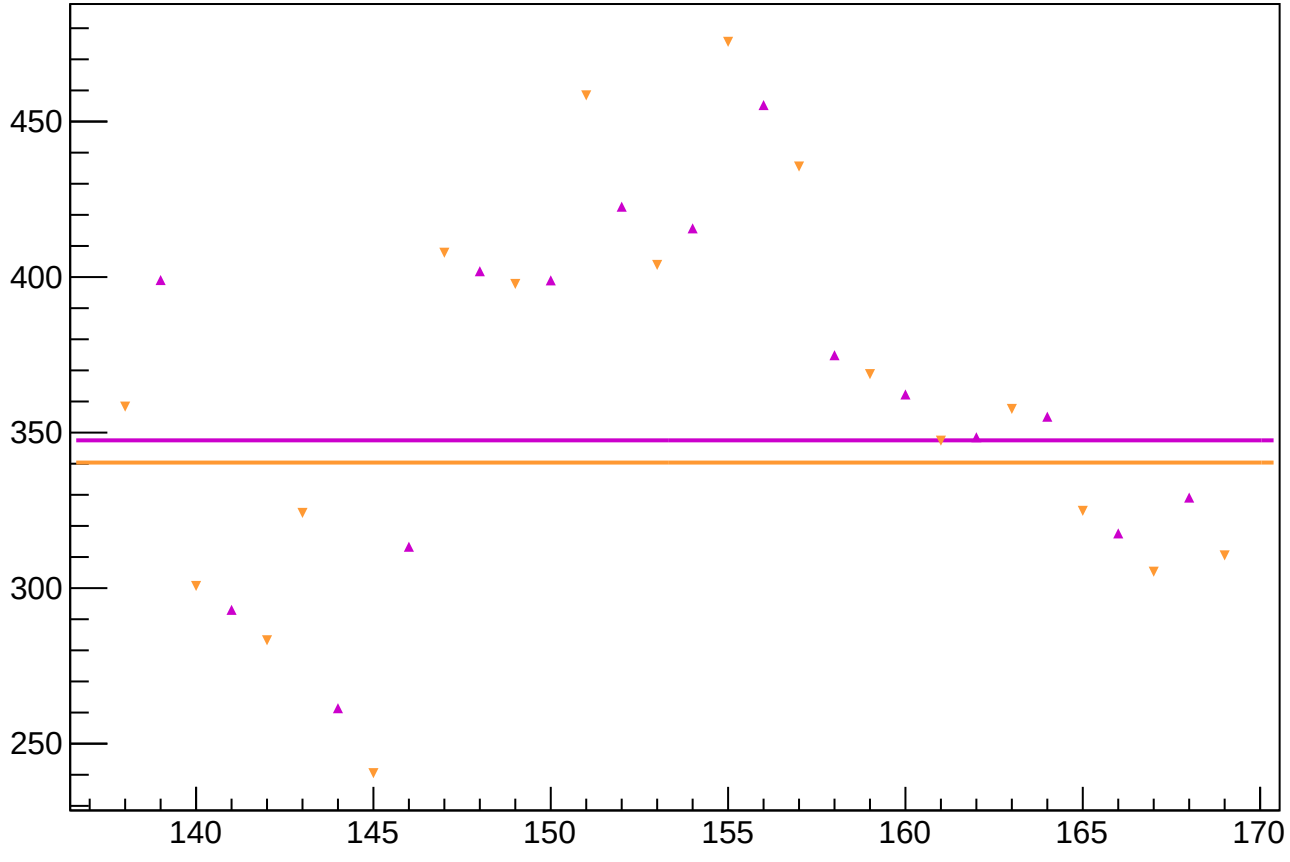
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -86.354+/-102.529 χ^2/NDF:15.5/14

Out: -504.579+/-97.469 χ^2/NDF:35.0/16

All: -306.040+/-70.642 χ^2/NDF: 59.3/31

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 340.367+/-0.069 χ^2/NDF:788790.2/16

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

Left In: 347.510+/-0.072 χ^2/NDF:556800.5/14

Left: 343.758+/-0.050 χ^2/NDF: 1350689.1/31

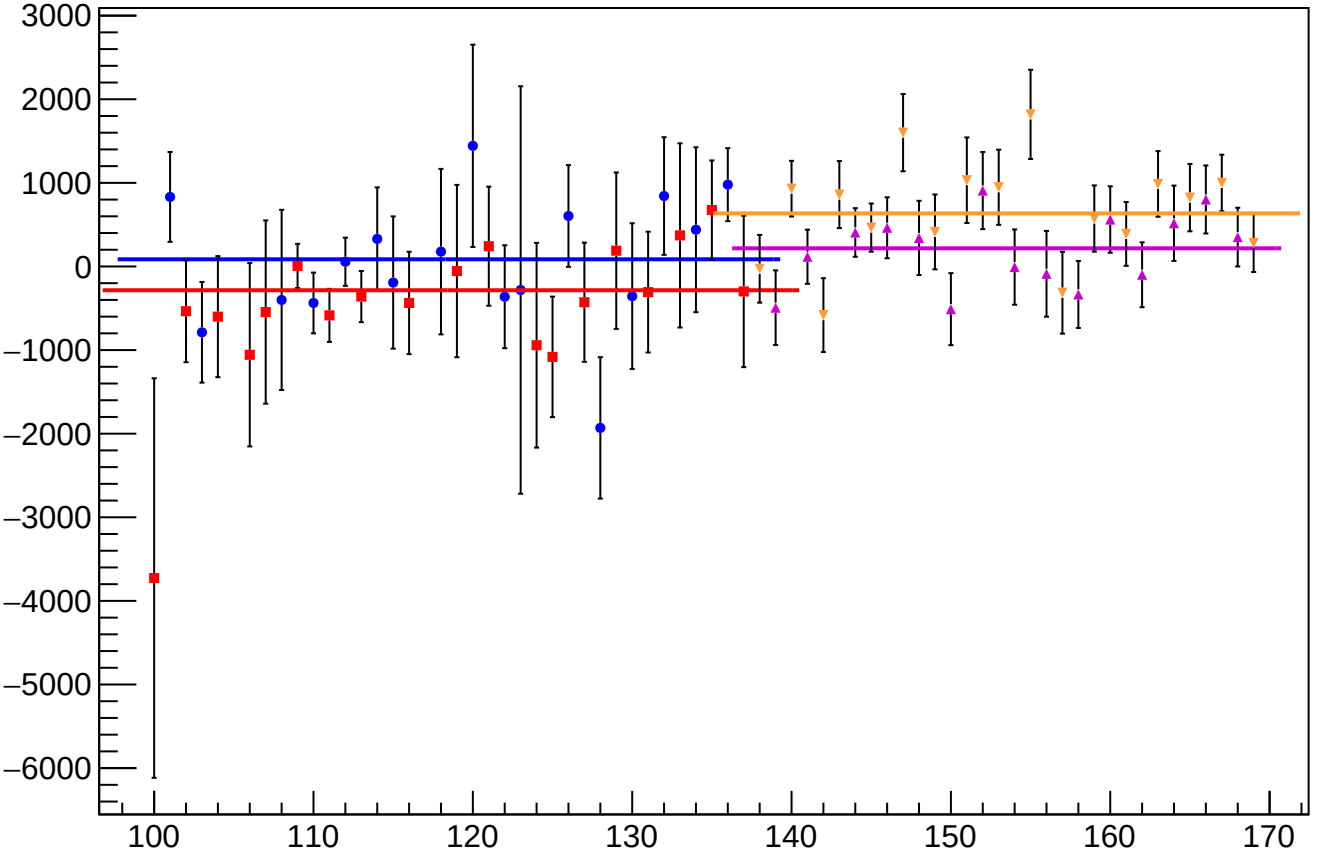
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 347.510+/-0.072 χ^2/NDF:556800.5/14

Out: 340.367+/-0.069 χ^2/NDF:788790.2/16

All: 343.758+/-0.050 χ^2/NDF: 1350689.1/31

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 635.156+/-96.384 χ^2/NDF:29.8/16

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 217.076+/-102.004 χ^2/NDF:15.2/14

Left: 437.949+/-70.056 χ^2/NDF: 53.9/31

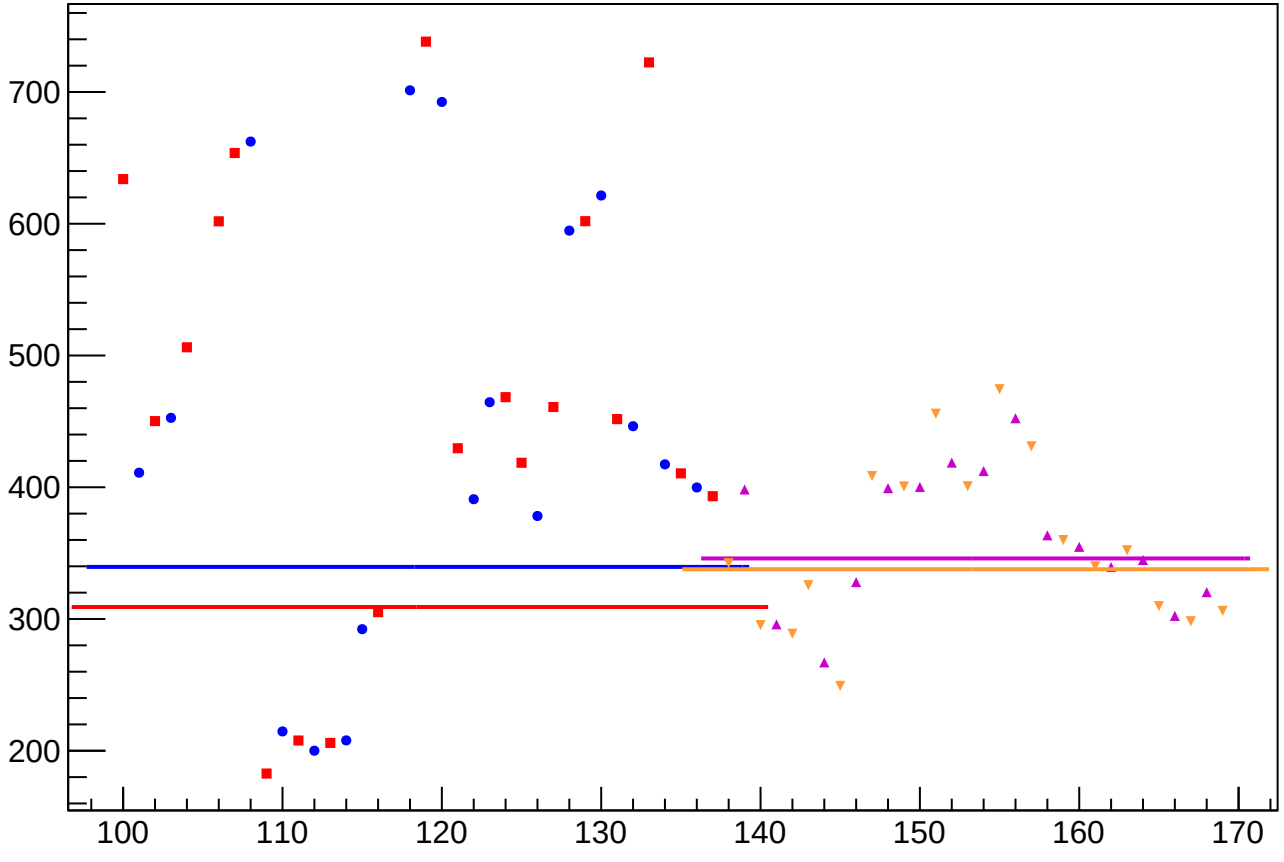
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 172.645+/-82.964 χ^2/NDF:36.4/31

Out: 307.656+/-77.340 χ^2/NDF:72.8/35

All: 244.881+/-56.571 χ^2/NDF: 110.6/67

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 337.775+/-0.068 χ^2/NDF:746275.2/16

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 345.954+/-0.072 χ^2/NDF:506247.5/14

Left: 341.633+/-0.050 χ^2/NDF: 1259316.0/31

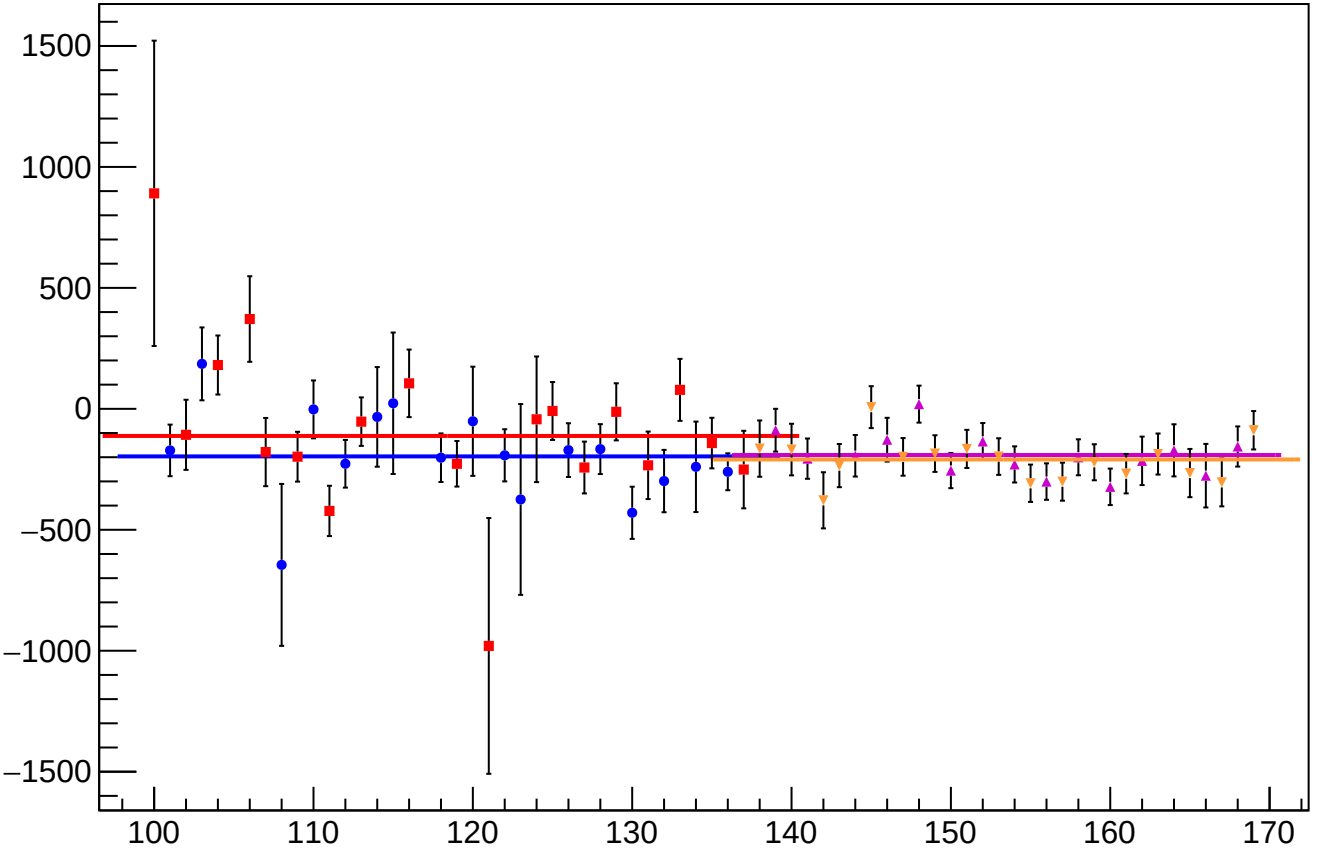
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 343.787+/-0.059 χ^2/NDF:2551157.5/31

Out: 327.565+/-0.055 χ^2/NDF:3539602.7/35

All: 335.107+/-0.040 χ^2/NDF: 6131674.2/67

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -209.329+/-20.716 χ^2/NDF:16.3/16

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -190.880+/-21.497 χ^2/NDF:16.9/14

Left: -200.446+/-14.917 χ^2/NDF: 33.6/31

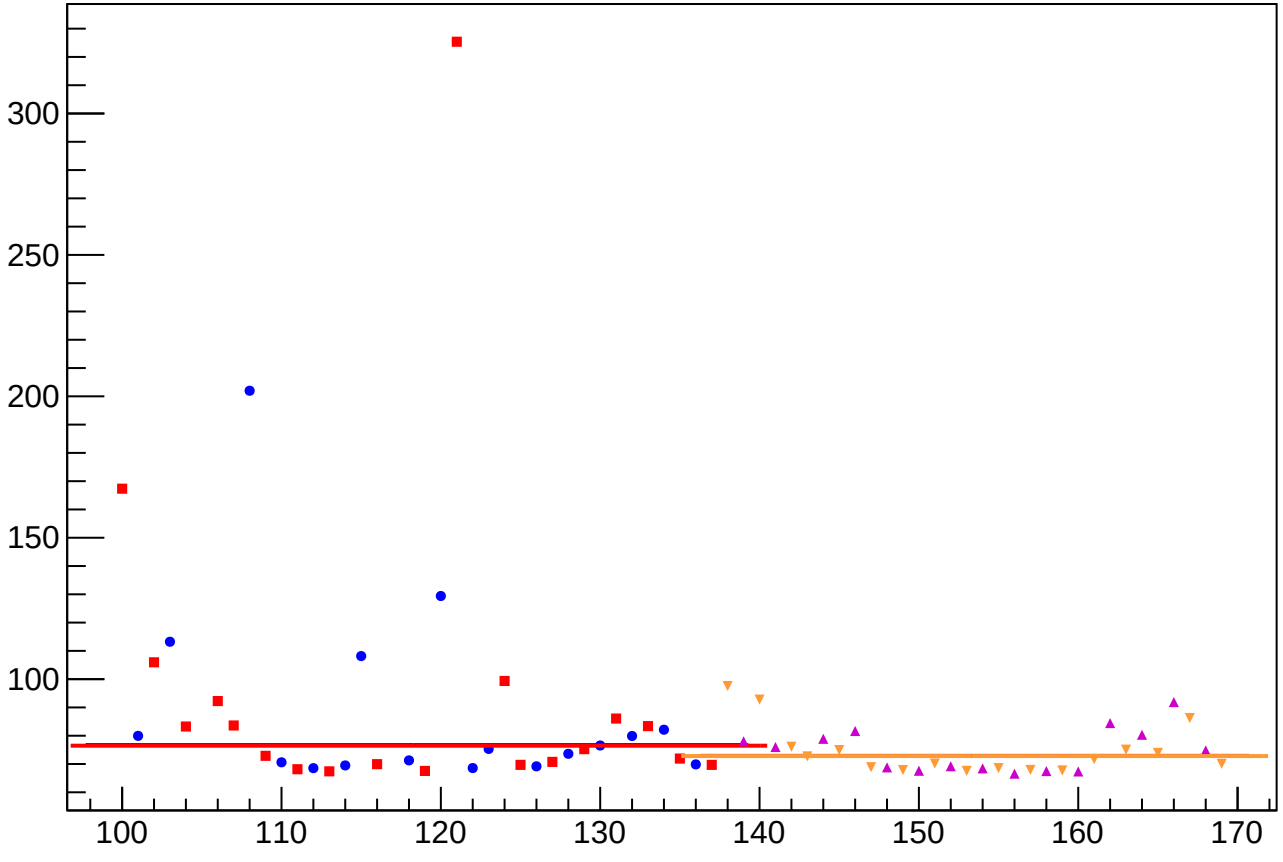
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -192.787+/-17.552 χ^2/NDF:36.0/31

Out: -177.394+/-16.976 χ^2/NDF:62.9/35

All: -184.834+/-12.202 χ^2/NDF: 99.3/67

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 72.812+/-0.015 χ^2/NDF:253412.1/16

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 72.885+/-0.015 χ^2/NDF:180748.4/14

Left: 72.847+/-0.011 χ^2/NDF: 434172.7/31

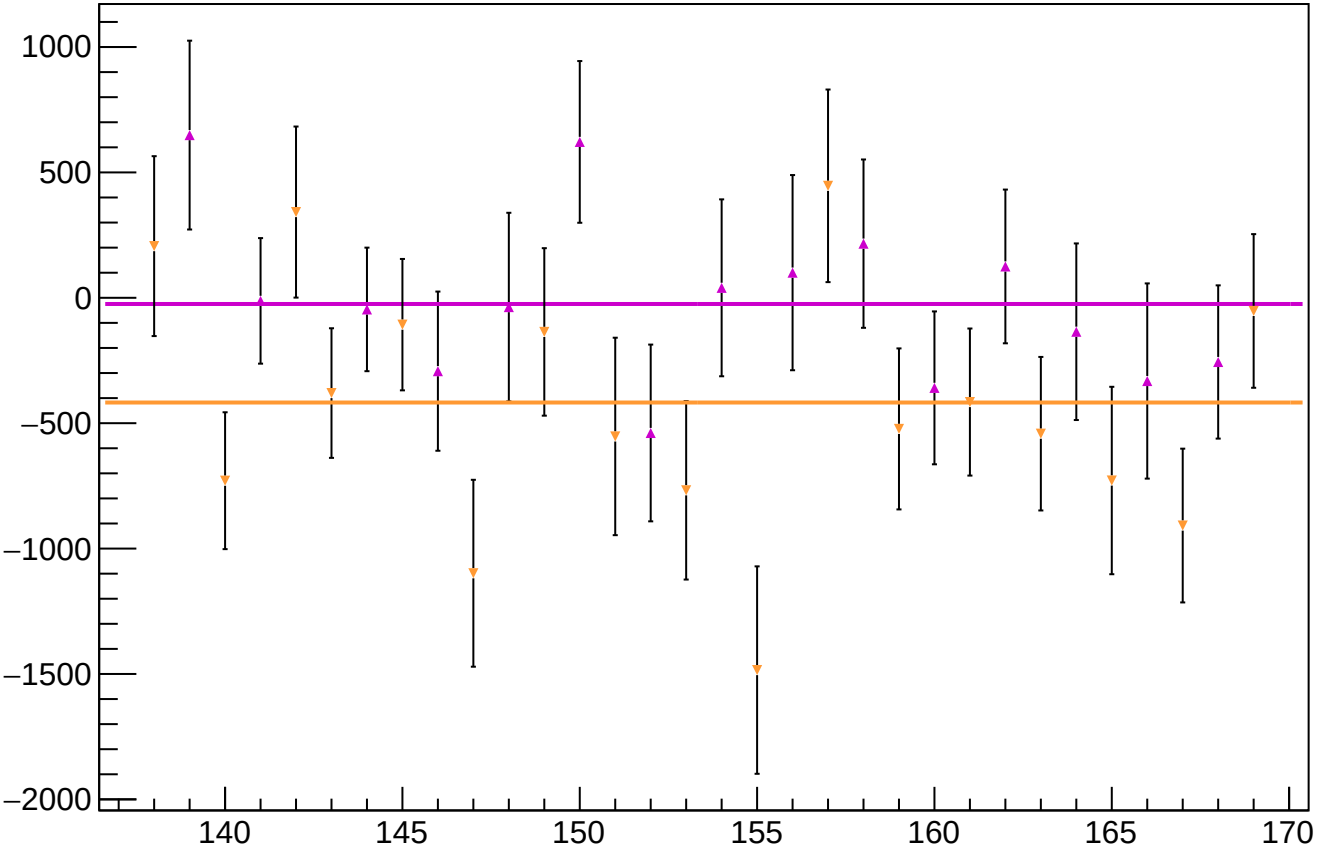
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 74.154+/-0.012 χ^2/NDF:802004.2/31

Out: 74.016+/-0.012 χ^2/NDF:973360.5/35

All: 74.083+/-0.009 χ^2/NDF: 1775428.9/67

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -417.559+/-78.337 χ^2/NDF:32.5/16

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

Left In: -24.667+/-83.199 χ^2/NDF:13.5/14

Left: -232.927+/-57.034 χ^2/NDF: 57.8/31

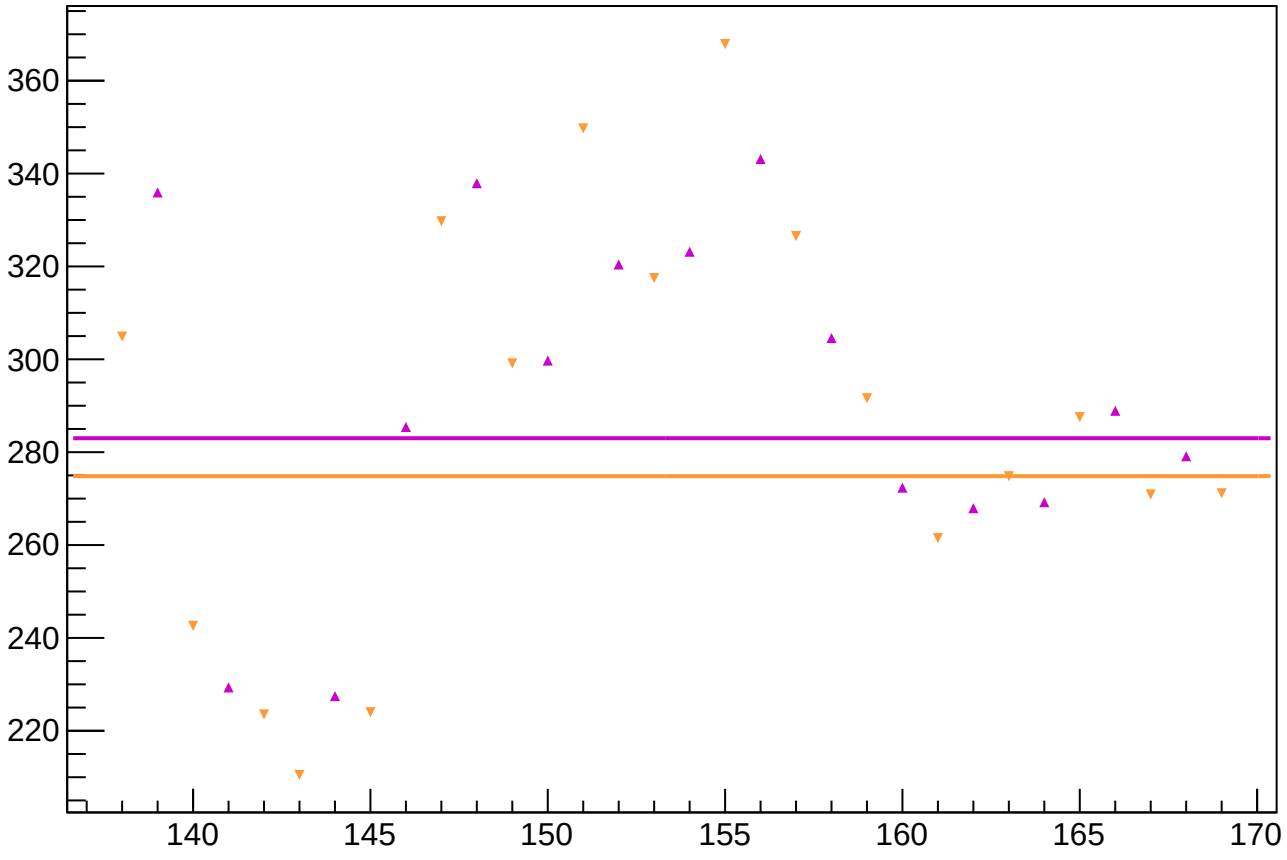
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.667+/-83.199 χ^2/NDF:13.5/14

Out: -417.559+/-78.337 χ^2/NDF:32.5/16

All: -232.927+/-57.034 χ^2/NDF: 57.8/31

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 274.839+/-0.055 χ^2/NDF:591708.2/16

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

Left In: 283.003+/-0.059 χ^2/NDF:396922.7/14

Left: 278.675+/-0.040 χ^2/NDF: 998838.3/31

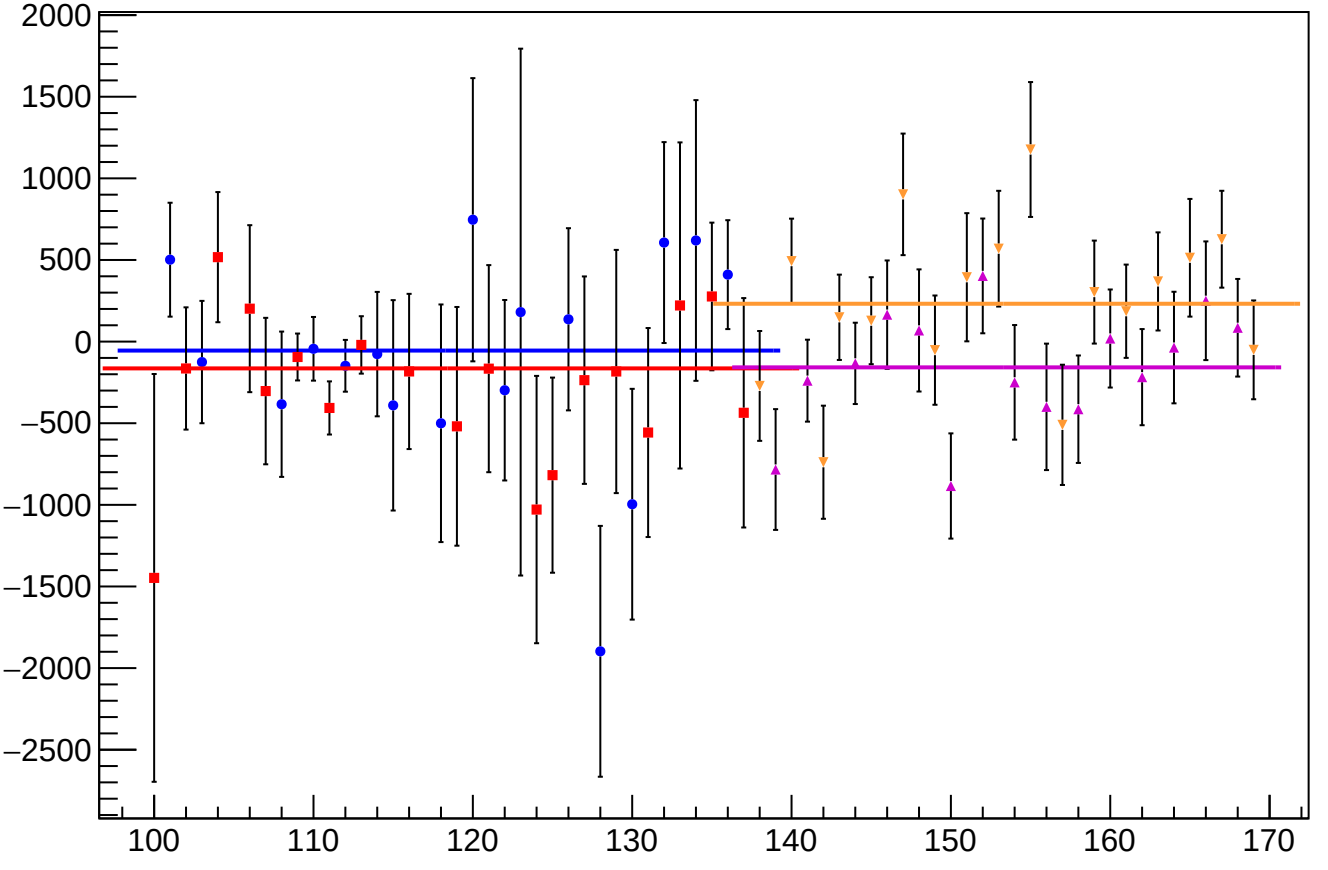
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 283.003+/-0.059 χ^2/NDF:396922.7/14

Out: 274.839+/-0.055 χ^2/NDF:591708.2/16

All: 278.675+/-0.040 χ^2/NDF: 998838.3/31

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 231.811+/-77.184 χ^2/NDF:29.2/16

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -157.838+/-82.425 χ^2/NDF:15.4/14

Left: 49.768+/-56.339 χ^2/NDF: 56.5/31

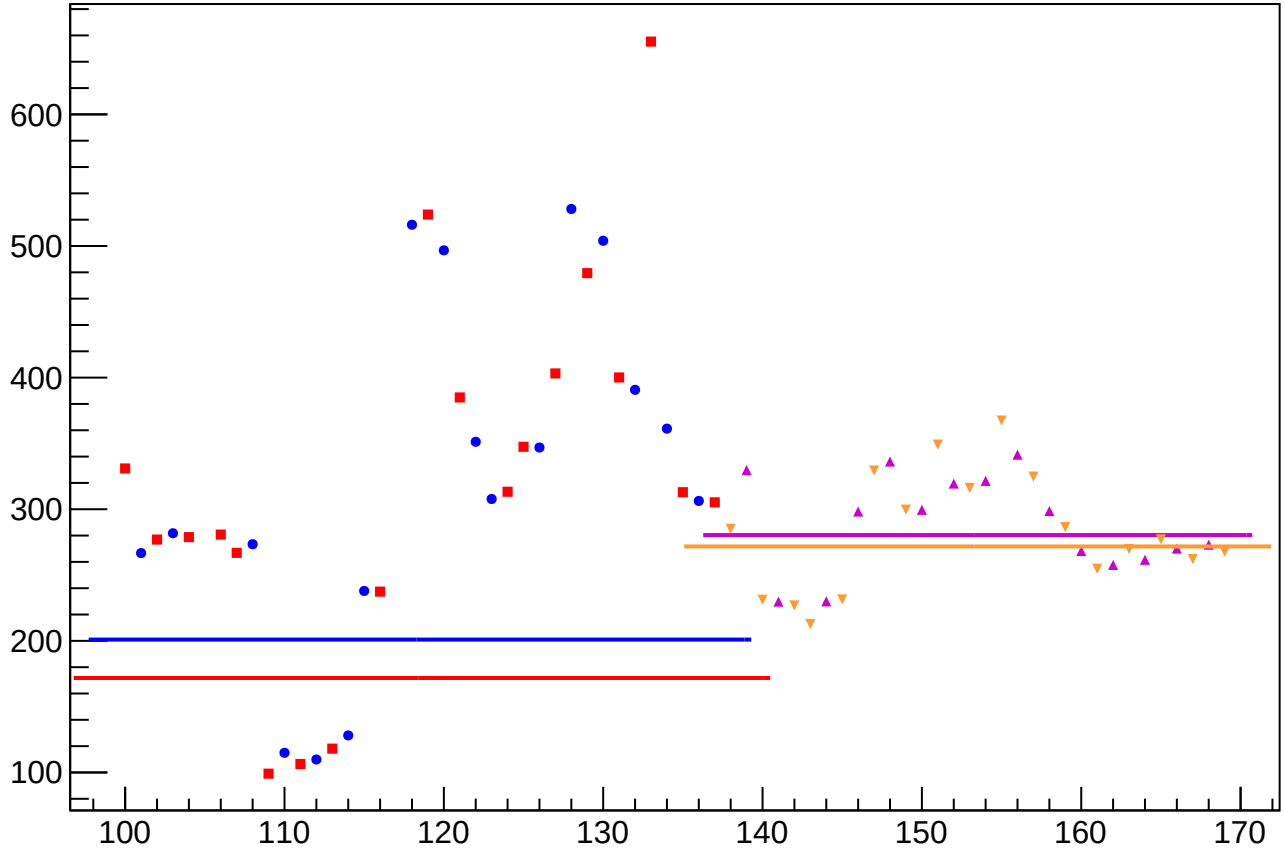
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -111.099+/-60.894 χ^2/NDF:32.7/31

Out: 33.114+/-54.478 χ^2/NDF:54.3/35

All: -30.997+/-40.601 χ^2/NDF: 90.1/67

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 271.724+/-0.055 χ^2/NDF:566869.6/16

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 280.399+/-0.058 χ^2/NDF:388132.3/14

Left: 275.777+/-0.040 χ^2/NDF: 966803.1/31

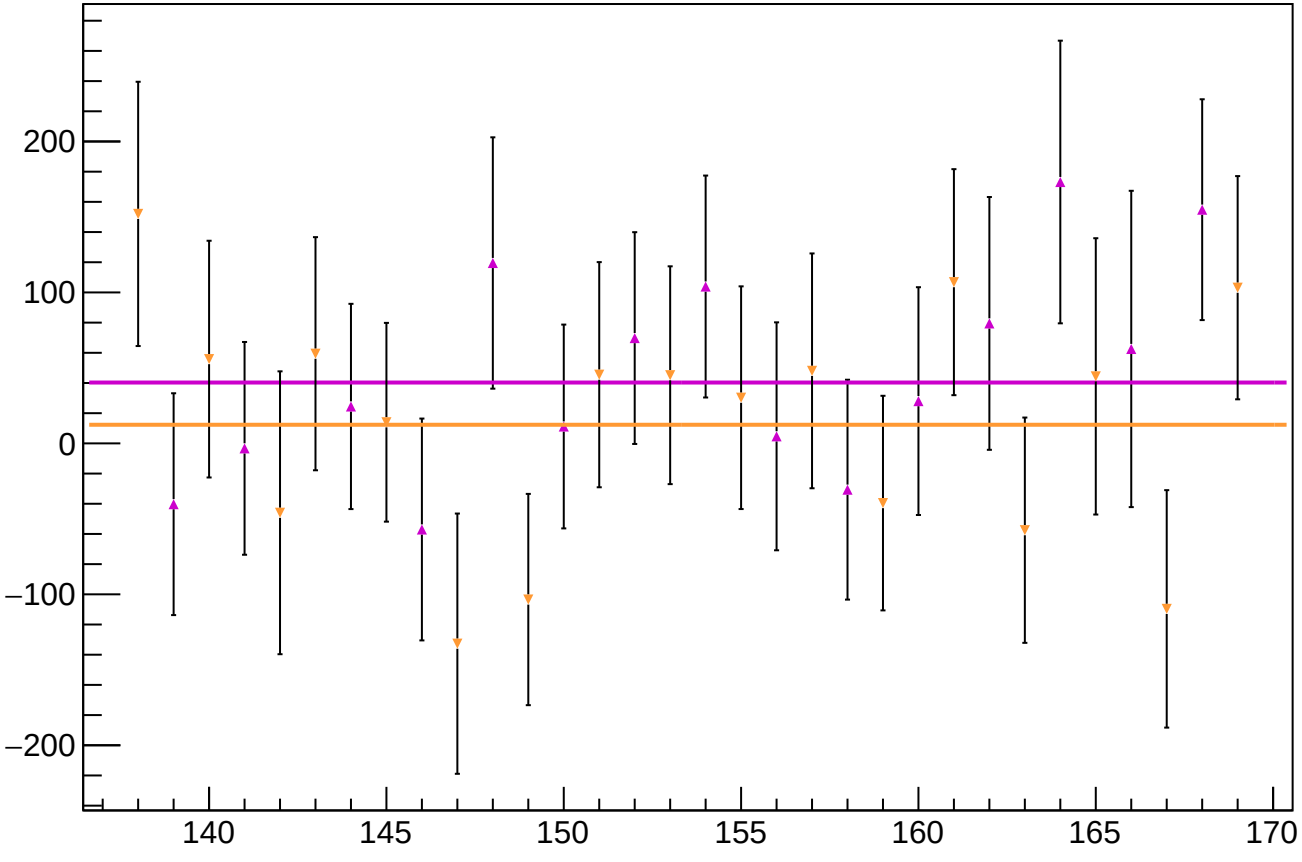
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 244.323+/-0.043 χ^2/NDF:4667826.0/31

Out: 221.577+/-0.039 χ^2/NDF:6341889.5/35

All: 231.689+/-0.029 χ^2/NDF: 11164707.6/67

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 12.334+/-18.618 χ^2/NDF:16.9/16

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

Left In: 40.309+/-19.558 χ^2/NDF:11.3/14

Left: 25.633+/-13.485 χ^2/NDF: 29.3/31

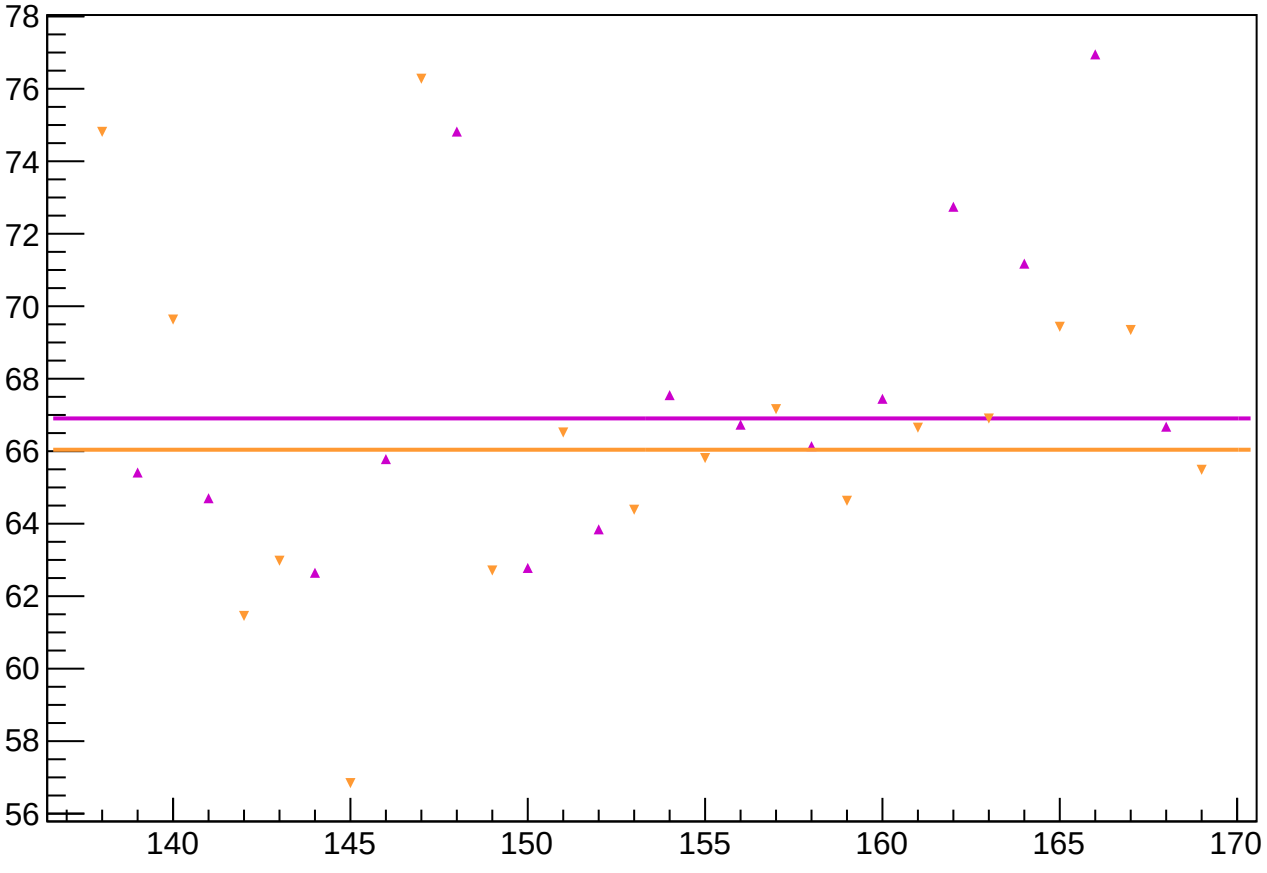
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.309+/-19.558 χ^2/NDF:11.3/14

Out: 12.334+/-18.618 χ^2/NDF:16.9/16

All: 25.633+/-13.485 χ^2/NDF: 29.3/31

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 66.041+/-0.013 χ^2/NDF:113118.2/16

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

Left In: 66.904+/-0.014 χ^2/NDF:73220.6/14

Left: 66.451+/-0.010 χ^2/NDF: 188385.1/31

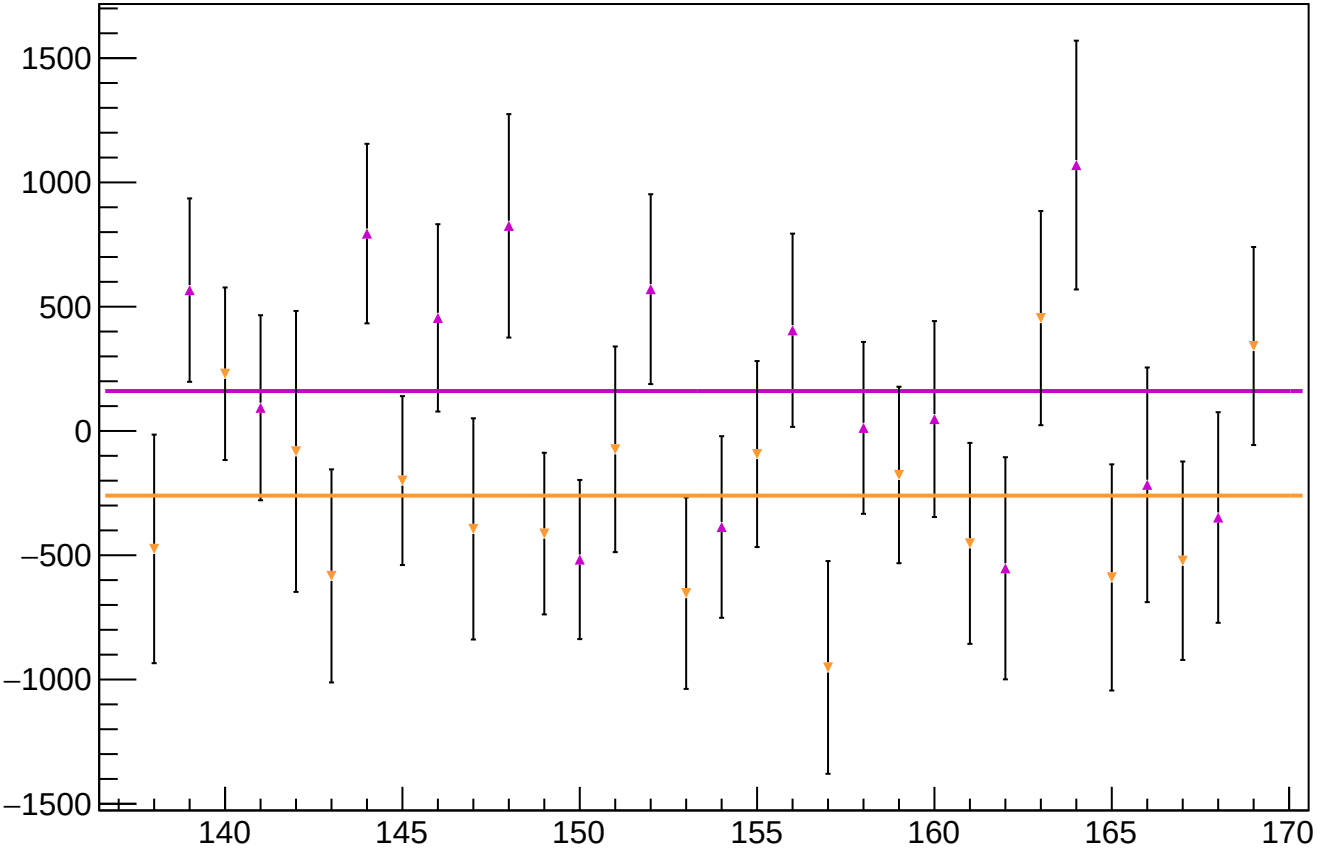
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.904+/-0.014 χ^2/NDF:73220.6/14

Out: 66.041+/-0.013 χ^2/NDF:113118.2/16

All: 66.451+/-0.010 χ^2/NDF: 188385.1/31

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -260.040+/-96.765 χ^2/NDF:13.5/16

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

Left In: 160.641+/-100.607 χ^2/NDF:23.6/14

Left: -57.887+/-69.742 χ^2/NDF: 46.2/31

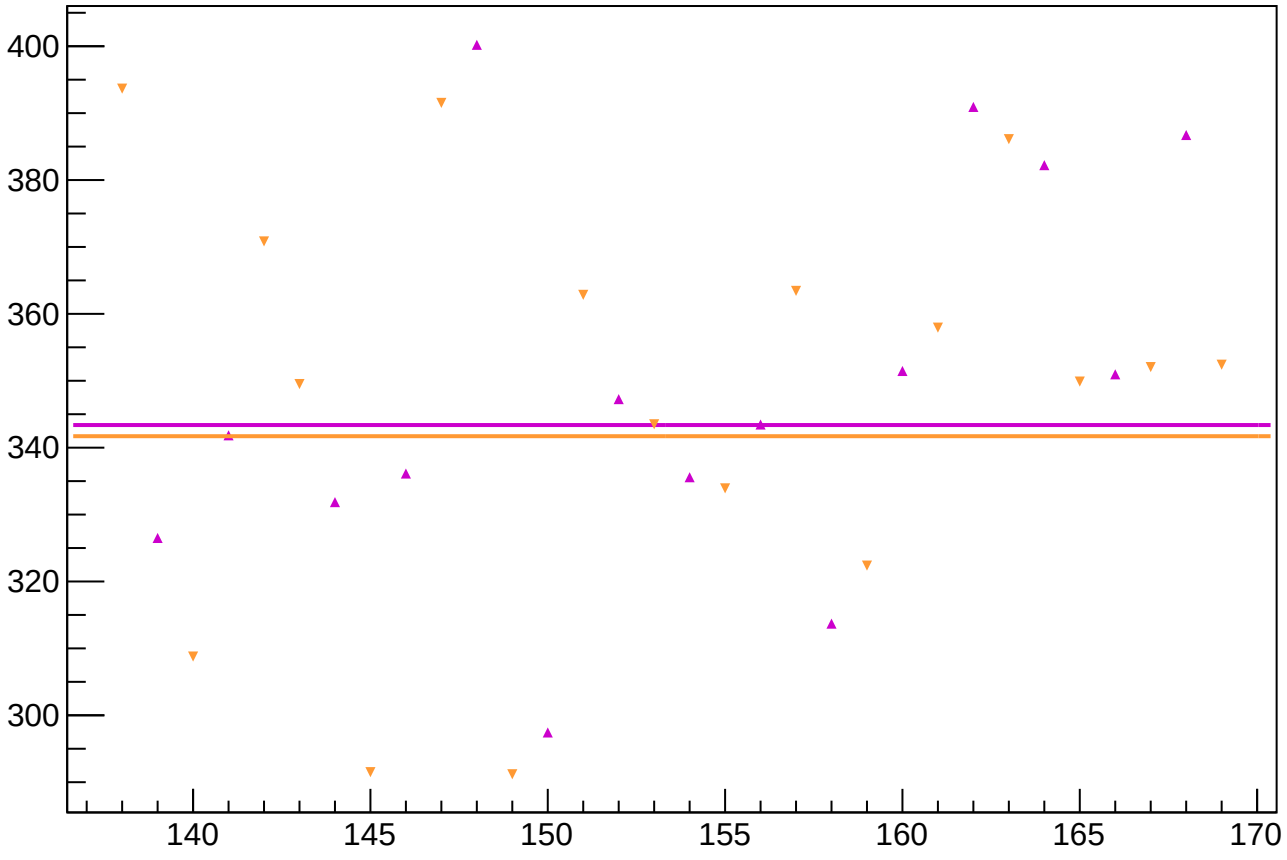
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 160.641+/-100.607 χ^2/NDF:23.6/14

Out: -260.040+/-96.765 χ^2/NDF:13.5/16

All: -57.887+/-69.742 χ^2/NDF: 46.2/31

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 341.713+/-0.068 χ^2/NDF:211622.0/16

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

Left In: 343.382+/-0.071 χ^2/NDF:153003.9/14

Left: 342.515+/-0.049 χ^2/NDF: 364911.9/31

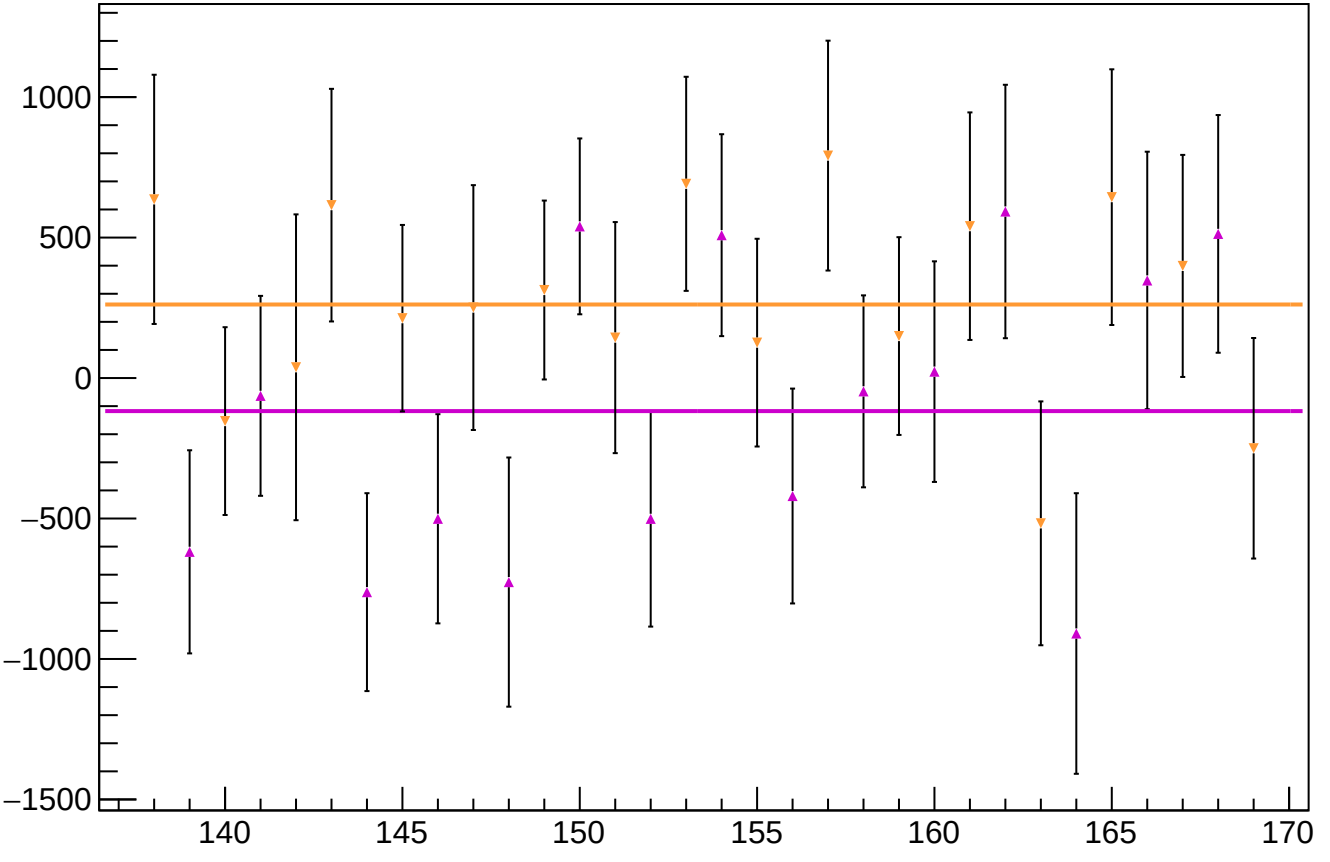
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 343.382+/-0.071 χ^2/NDF:153003.9/14

Out: 341.713+/-0.068 χ^2/NDF:211622.0/16

All: 342.515+/-0.049 χ^2/NDF: 364911.9/31

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 261.775+/-95.026 χ^2/NDF:12.7/16

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

Left In: -117.668+/-99.103 χ^2/NDF:25.7/14

Left: 80.018+/-68.590 χ^2/NDF: 46.1/31

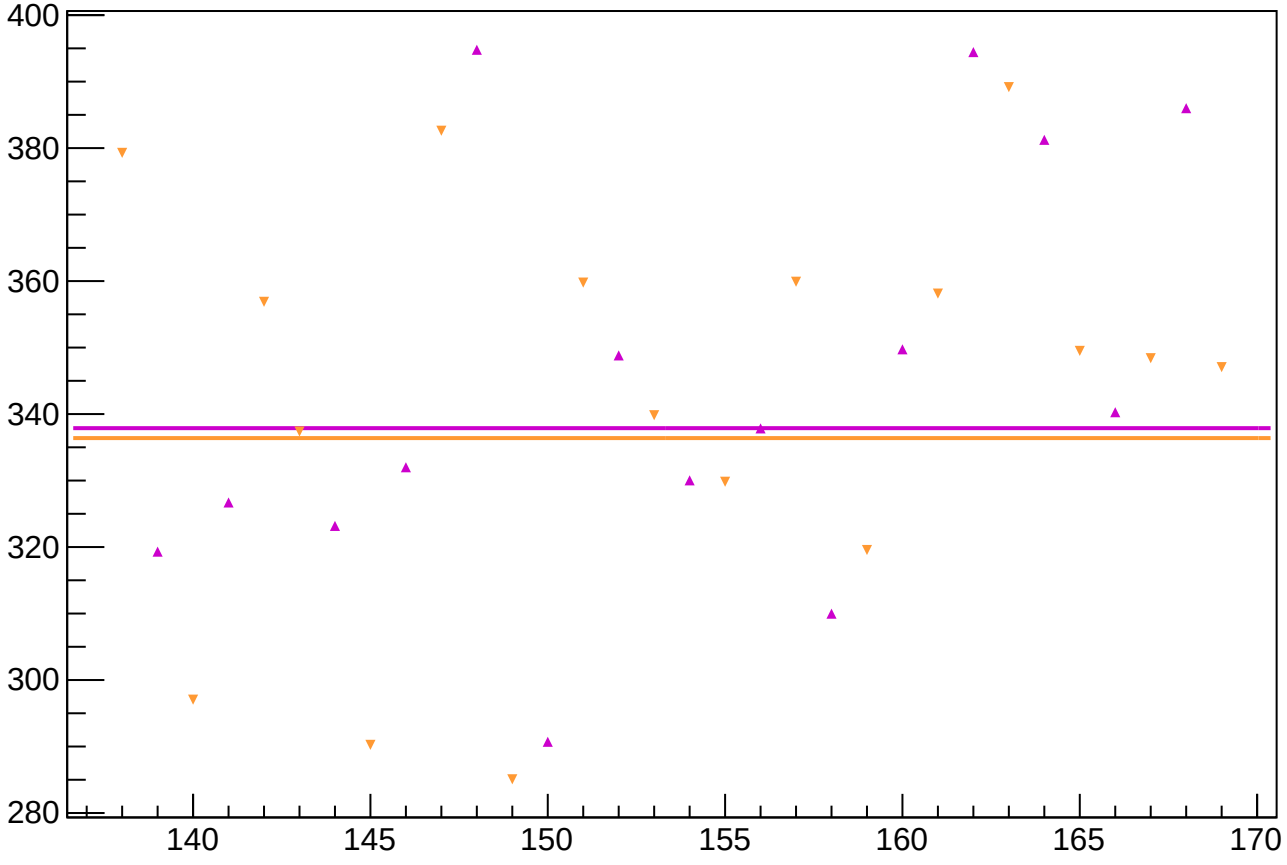
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -117.668+/-99.103 χ^2/NDF:25.7/14

Out: 261.775+/-95.026 χ^2/NDF:12.7/16

All: 80.018+/-68.590 χ^2/NDF: 46.1/31

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 336.387+/-0.067 χ^2/NDF:221128.1/16

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

Left In: 337.881+/-0.070 χ^2/NDF:179795.8/14

Left: 337.103+/-0.049 χ^2/NDF: 401160.7/31

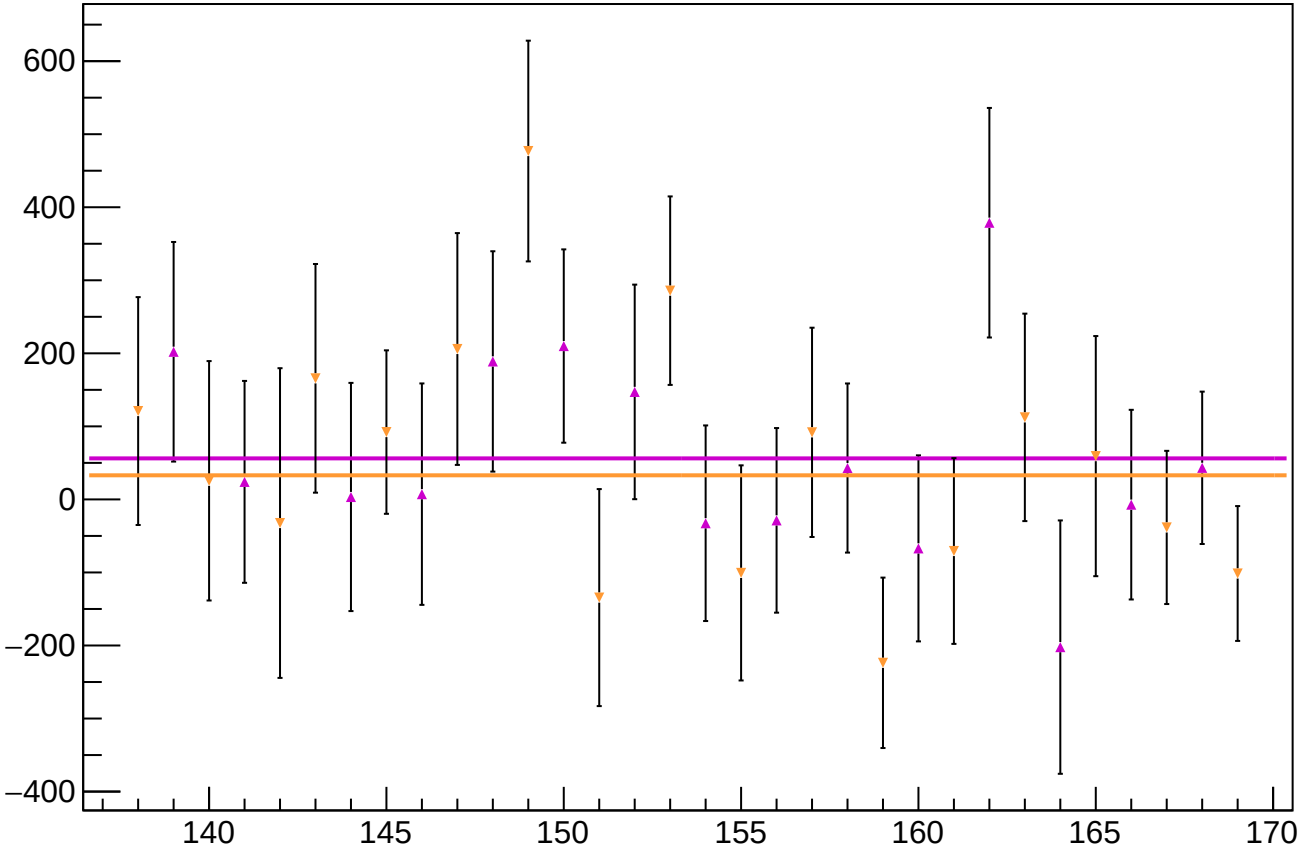
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 337.881+/-0.070 χ^2/NDF:179795.8/14

Out: 336.387+/-0.067 χ^2/NDF:221128.1/16

All: 337.103+/-0.049 χ^2/NDF: 401160.7/31

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 32.998+/-32.700 χ^2/NDF:25.8/16

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

Left In: 56.165+/-35.176 χ^2/NDF:12.3/14

Left: 43.738+/-23.950 χ^2/NDF: 38.2/31

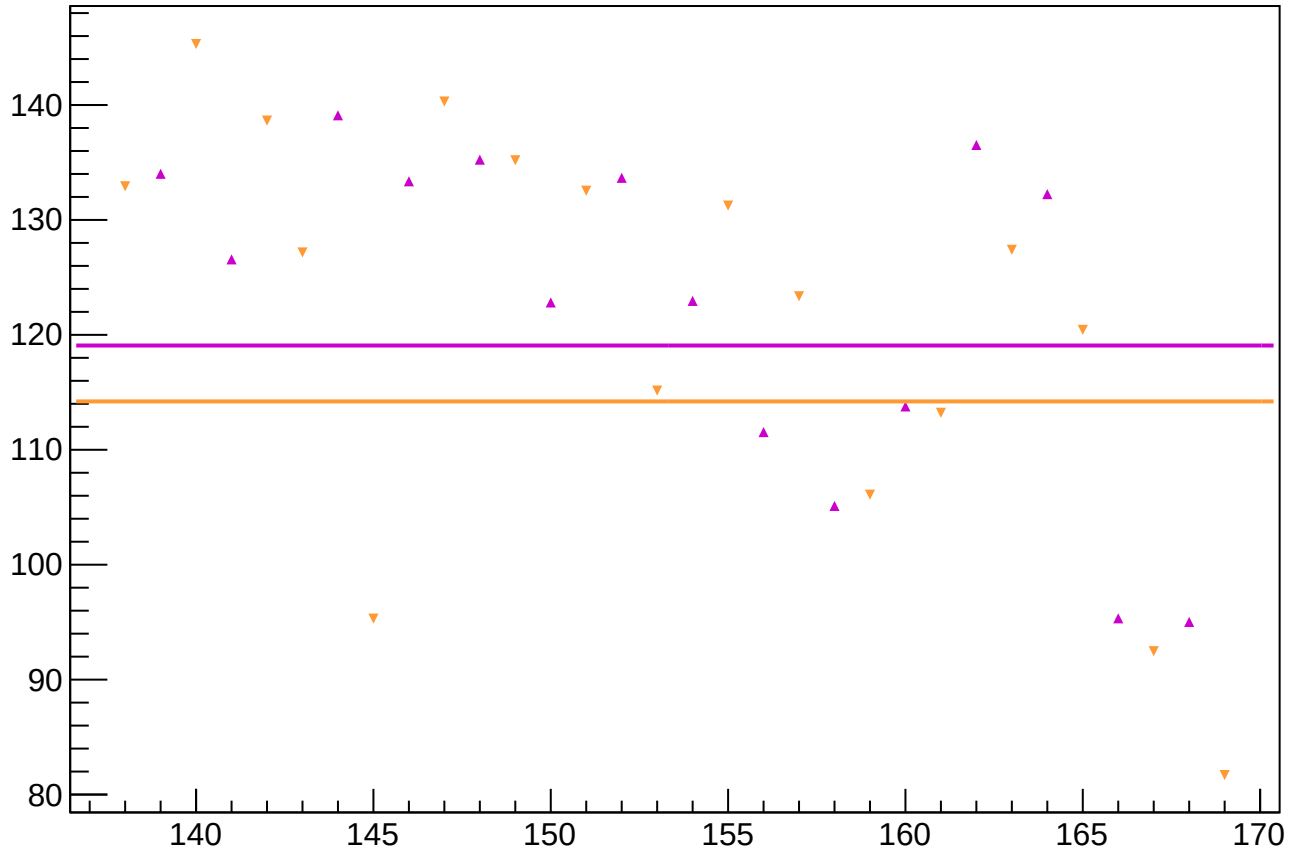
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 56.165+/-35.176 χ^2/NDF:12.3/14

Out: 32.998+/-32.700 χ^2/NDF:25.8/16

All: 43.738+/-23.950 χ^2/NDF: 38.2/31

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 114.209+/-0.023 χ^2/NDF:720229.8/16

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

Left In: 119.073+/-0.025 χ^2/NDF:371399.6/14

Left: 116.463+/-0.017 χ^2/NDF: 1112145.9/31

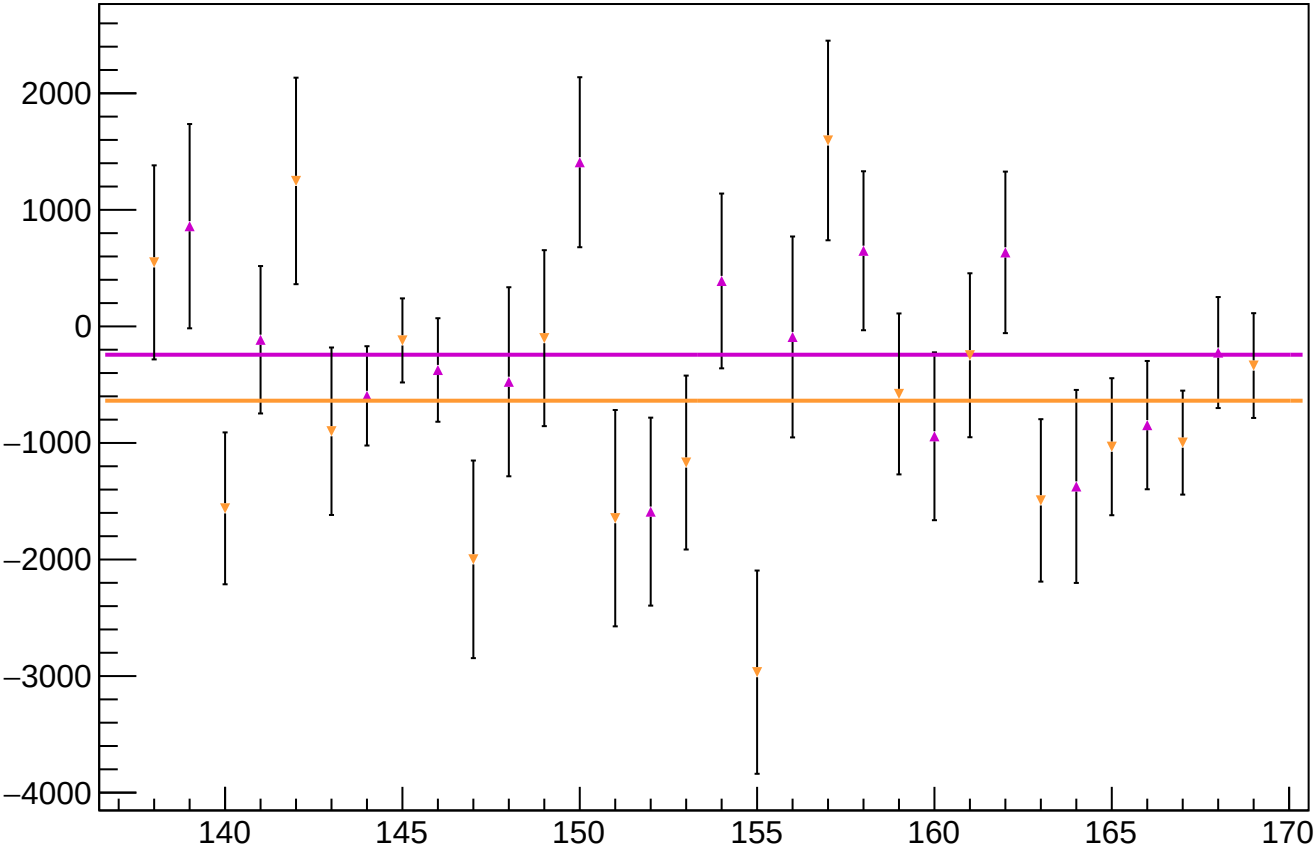
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 119.073+/-0.025 χ^2/NDF:371399.6/14

Out: 114.209+/-0.023 χ^2/NDF:720229.8/16

All: 116.463+/-0.017 χ^2/NDF: 1112145.9/31

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -637.383+/-153.345 χ^2/NDF:32.8/16

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

Left In: -242.974+/-162.702 χ^2/NDF:18.5/14

Left: -451.845+/-111.593 χ^2/NDF: 54.4/31

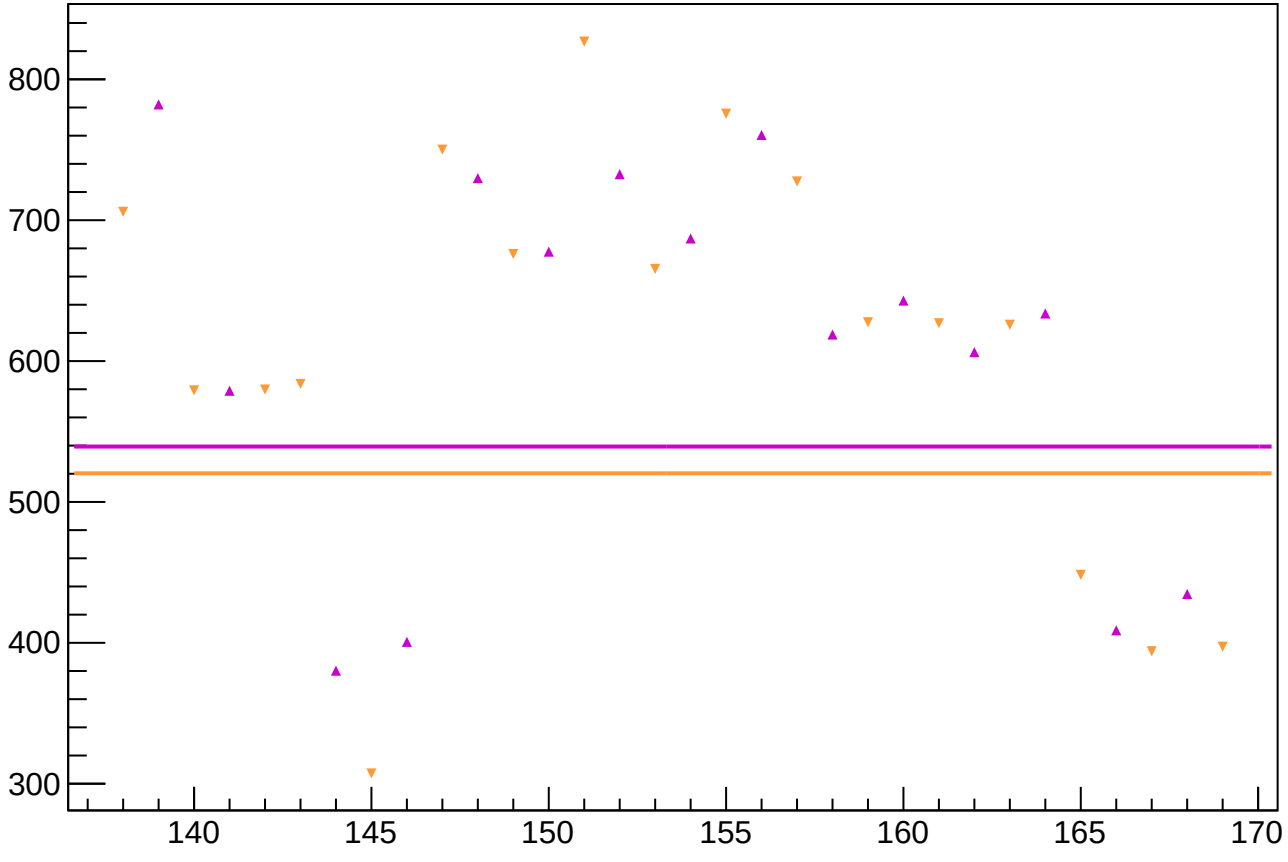
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -242.974+/-162.702 χ^2/NDF:18.5/14

Out: -637.383+/-153.345 χ^2/NDF:32.8/16

All: -451.845+/-111.593 χ^2/NDF: 54.4/31

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 520.336+/-0.108 χ^2/NDF:2132597.6/16

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

Left In: 539.321+/-0.115 χ^2/NDF:1464220.2/14

Left: 529.267+/-0.079 χ^2/NDF: 3611239.1/31

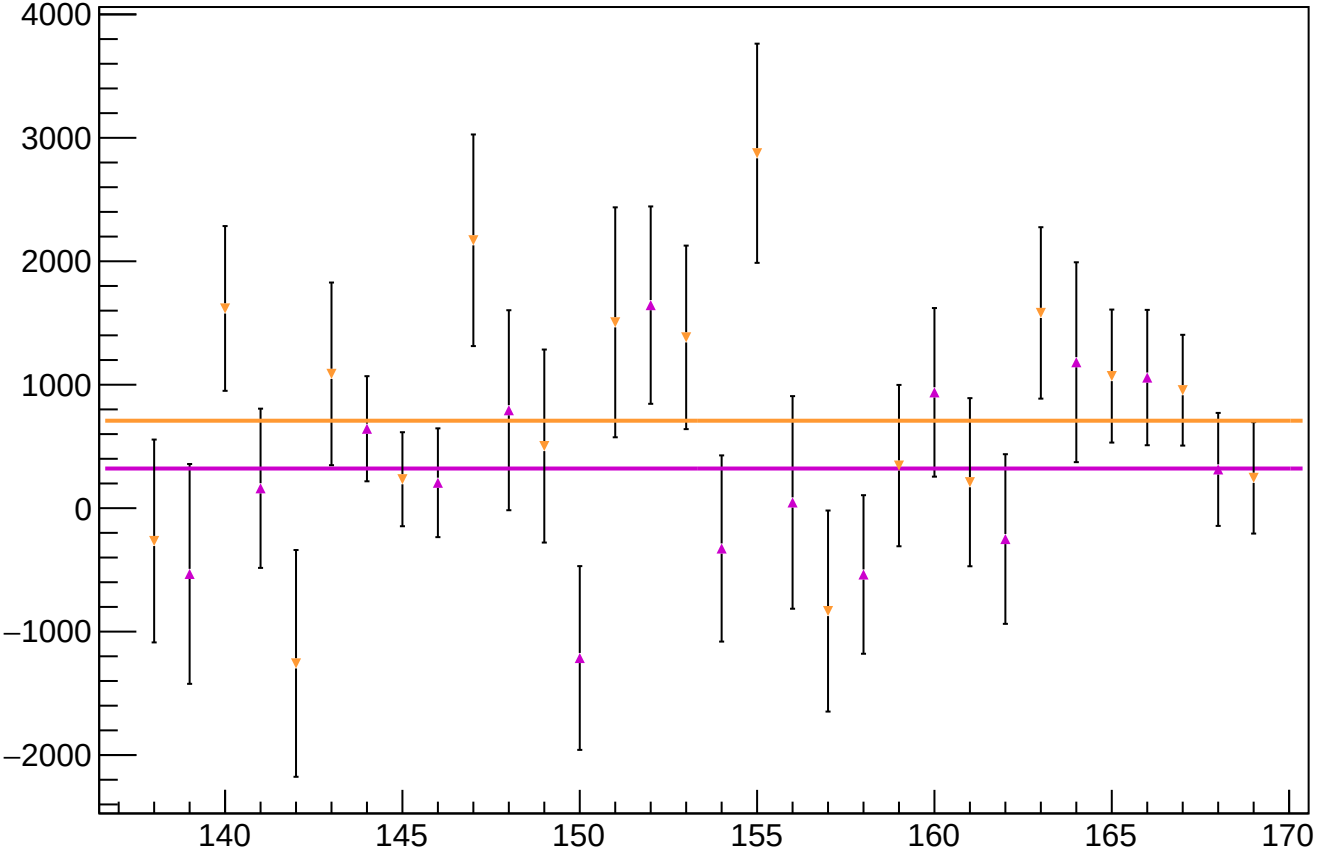
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 539.321+/-0.115 χ^2/NDF:1464220.2/14

Out: 520.336+/-0.108 χ^2/NDF:2132597.6/16

All: 529.267+/-0.079 χ^2/NDF: 3611239.1/31

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 708.426+/-153.824 χ^2/NDF:28.0/16

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

Left In: 321.111+/-160.864 χ^2/NDF:16.0/14

Left: 523.429+/-111.176 χ^2/NDF: 47.0/31

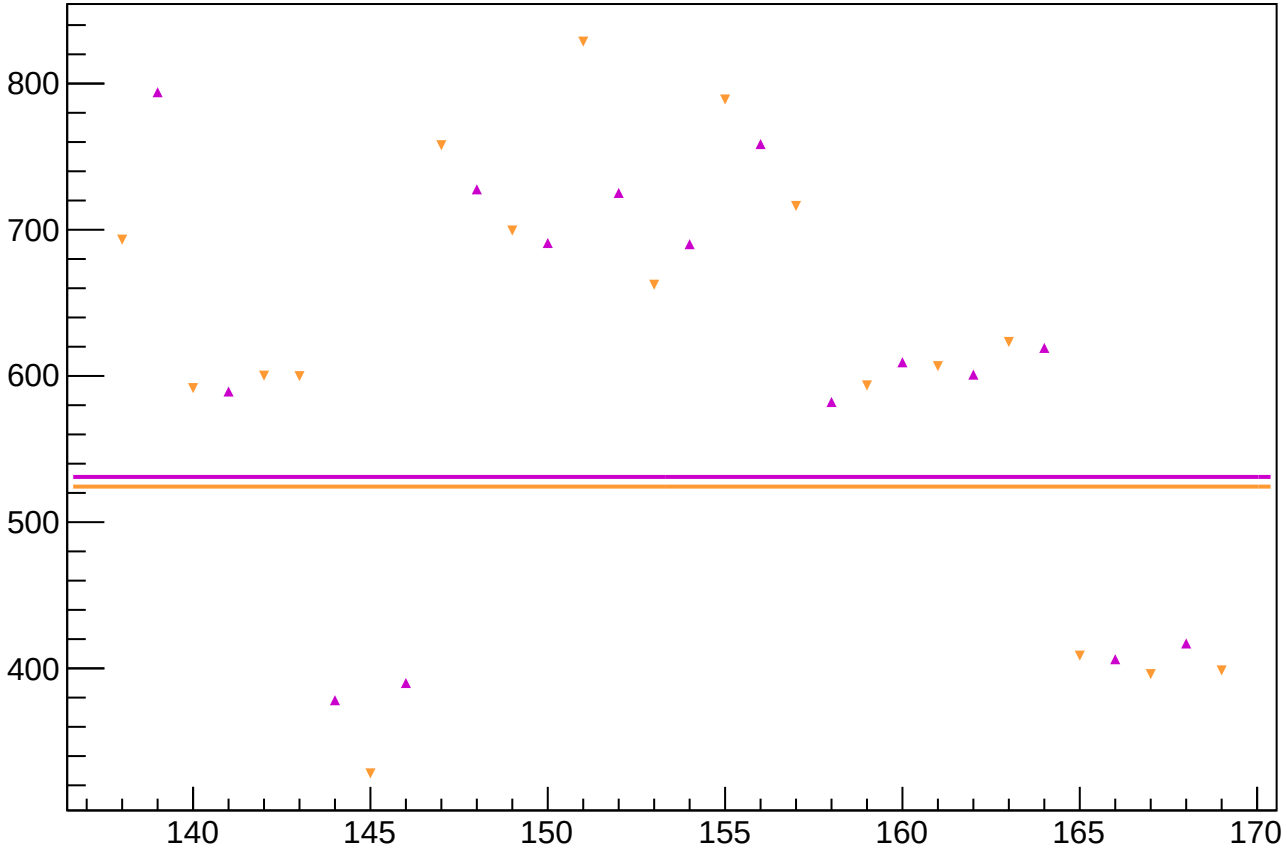
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 321.111+/-160.864 χ^2/NDF:16.0/14

Out: 708.426+/-153.824 χ^2/NDF:28.0/16

All: 523.429+/-111.176 χ^2/NDF: 47.0/31

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 524.306+/-0.109 χ^2/NDF:1993501.6/16

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

Left In: 530.942+/-0.114 χ^2/NDF:1521363.8/14

Left: 527.476+/-0.079 χ^2/NDF: 3516643.4/31

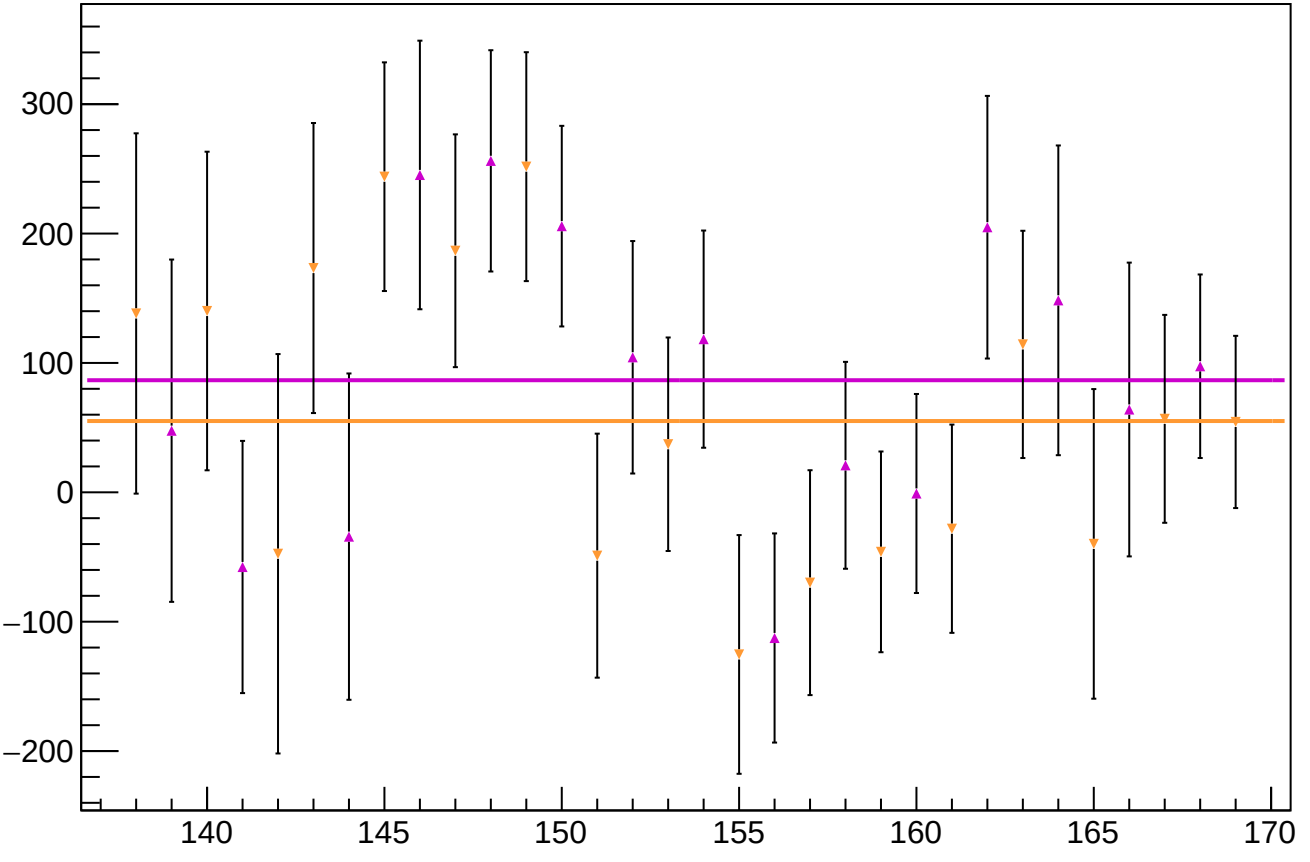
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 530.942+/-0.114 χ^2/NDF:1521363.8/14

Out: 524.306+/-0.109 χ^2/NDF:1993501.6/16

All: 527.476+/-0.079 χ^2/NDF: 3516643.4/31

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 55.092+/-22.204 χ^2/NDF:25.0/16

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

Left In: 86.640+/-23.514 χ^2/NDF:21.7/14

Left: 69.963+/-16.144 χ^2/NDF: 47.7/31

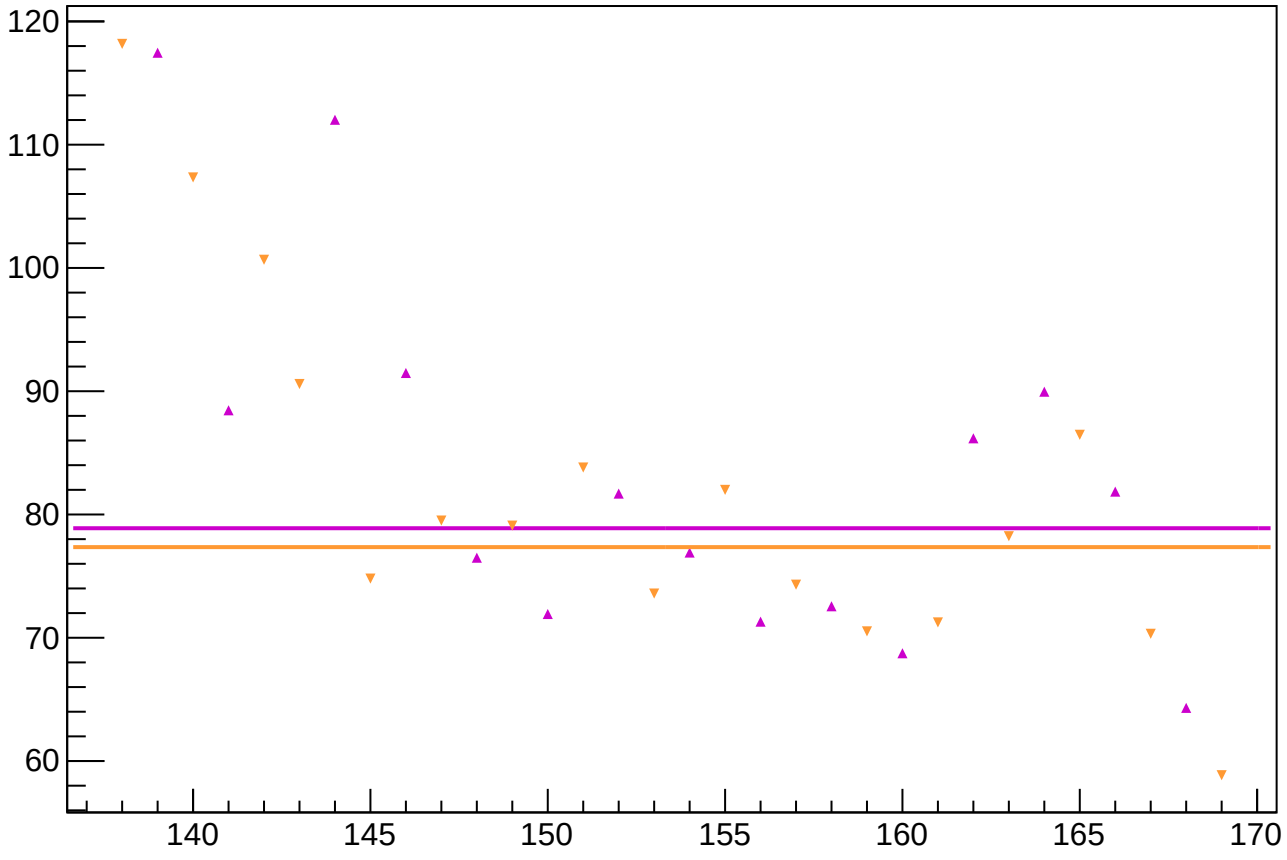
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 86.640+/-23.514 χ^2/NDF:21.7/14

Out: 55.092+/-22.204 χ^2/NDF:25.0/16

All: 69.963+/-16.144 χ^2/NDF: 47.7/31

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 77.353+/-0.016 χ^2/NDF:597410.1/16

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

Left In: 78.885+/-0.017 χ^2/NDF:555691.4/14

Left: 78.075+/-0.011 χ^2/NDF: 1157592.1/31

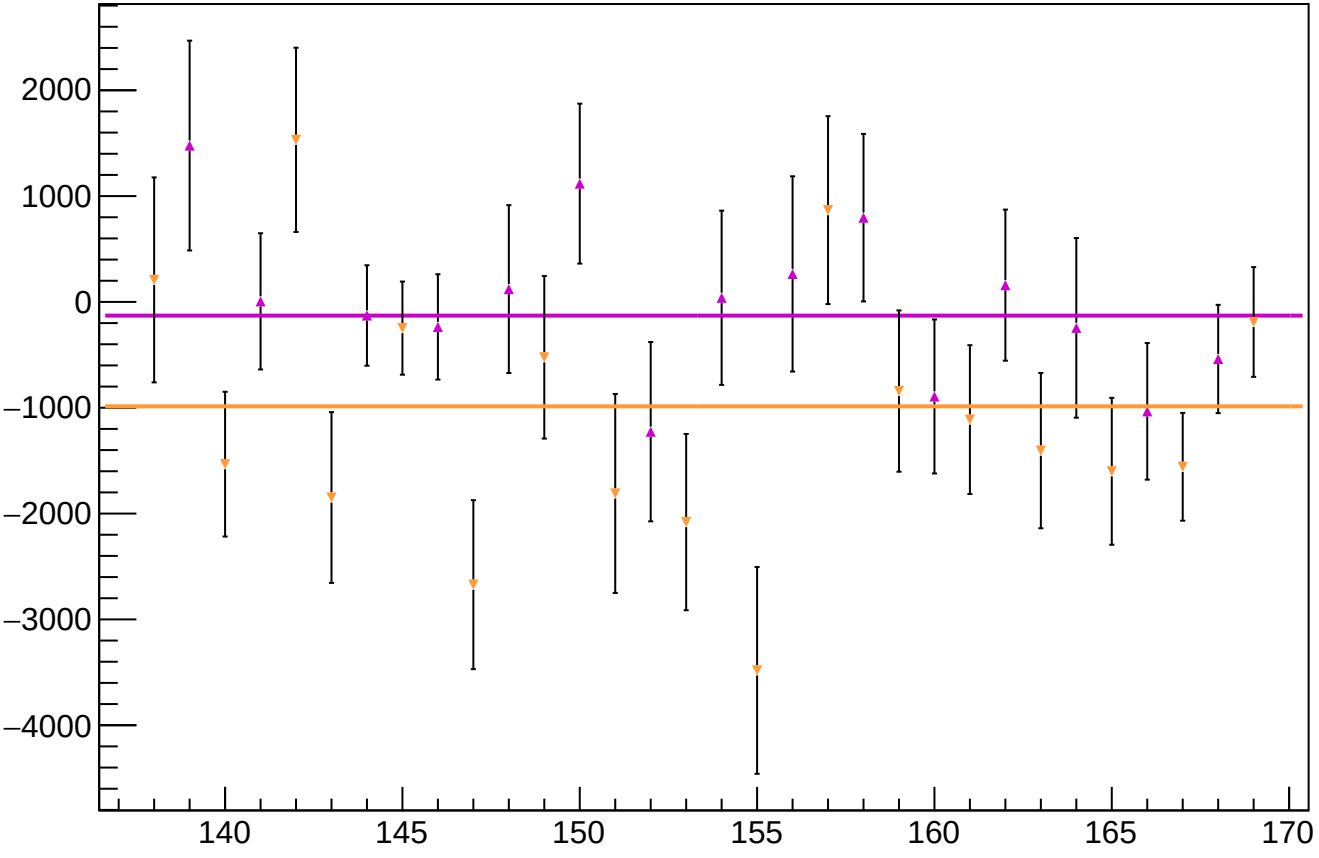
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 78.885+/-0.017 χ^2/NDF:555691.4/14

Out: 77.353+/-0.016 χ^2/NDF:597410.1/16

All: 78.075+/-0.011 χ^2/NDF: 1157592.1/31

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -986.468+/-169.928 χ^2/NDF:37.5/16

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

Left In: -129.288+/-175.819 χ^2/NDF:12.7/14

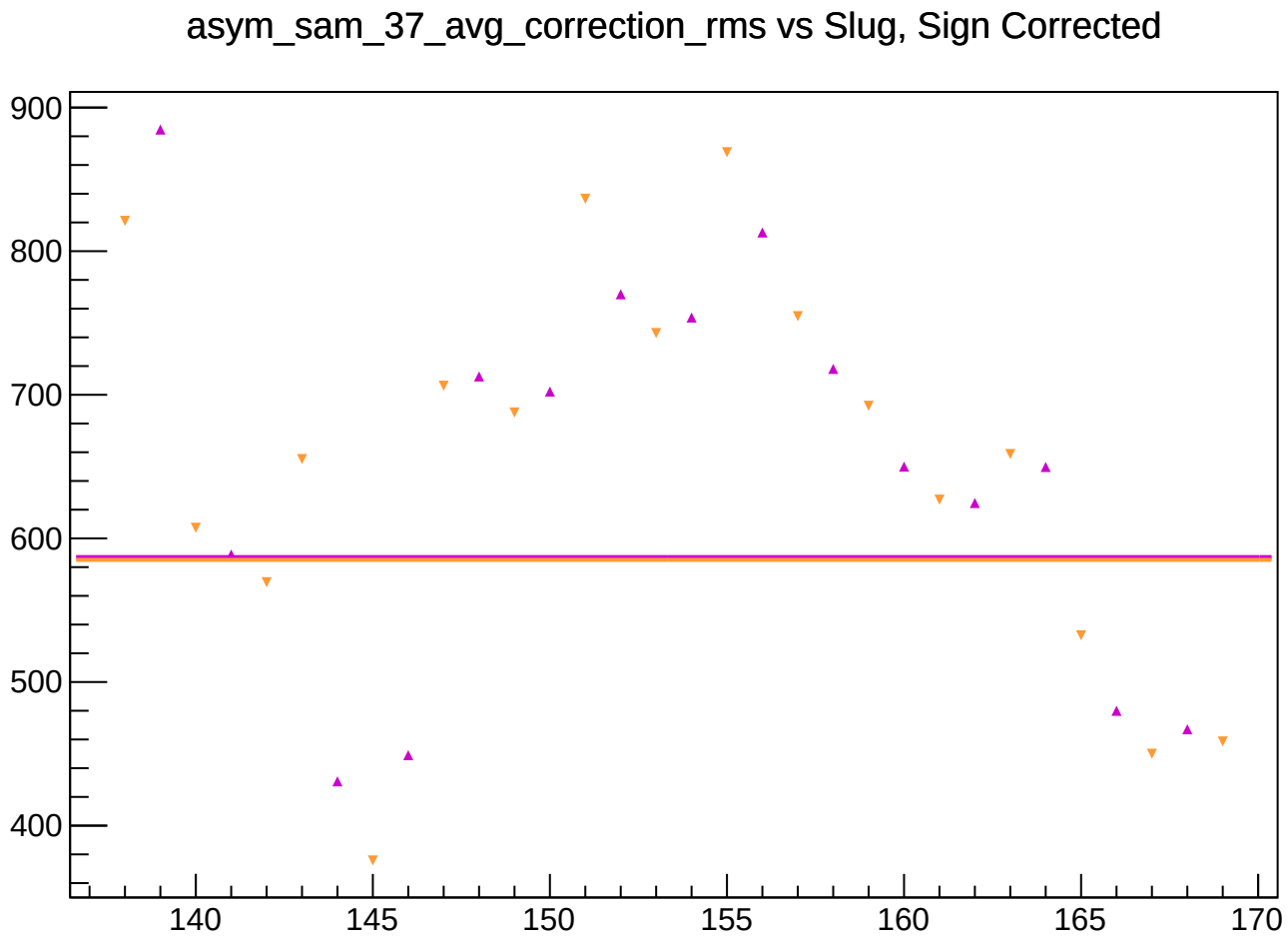
Left: -572.480+/-122.187 χ^2/NDF: 62.5/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -129.288+/-175.819 χ^2/NDF:12.7/14

Out: -986.468+/-169.928 χ^2/NDF:37.5/16

All: -572.480+/-122.187 χ^2/NDF: 62.5/31



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

Left Out: 585.074+/-0.120 χ^2/NDF:1465773.2/16

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

Left In: 587.012+/-0.124 χ^2/NDF:1193900.4/14

Left: 586.010+/-0.086 χ^2/NDF: 2659799.3/31

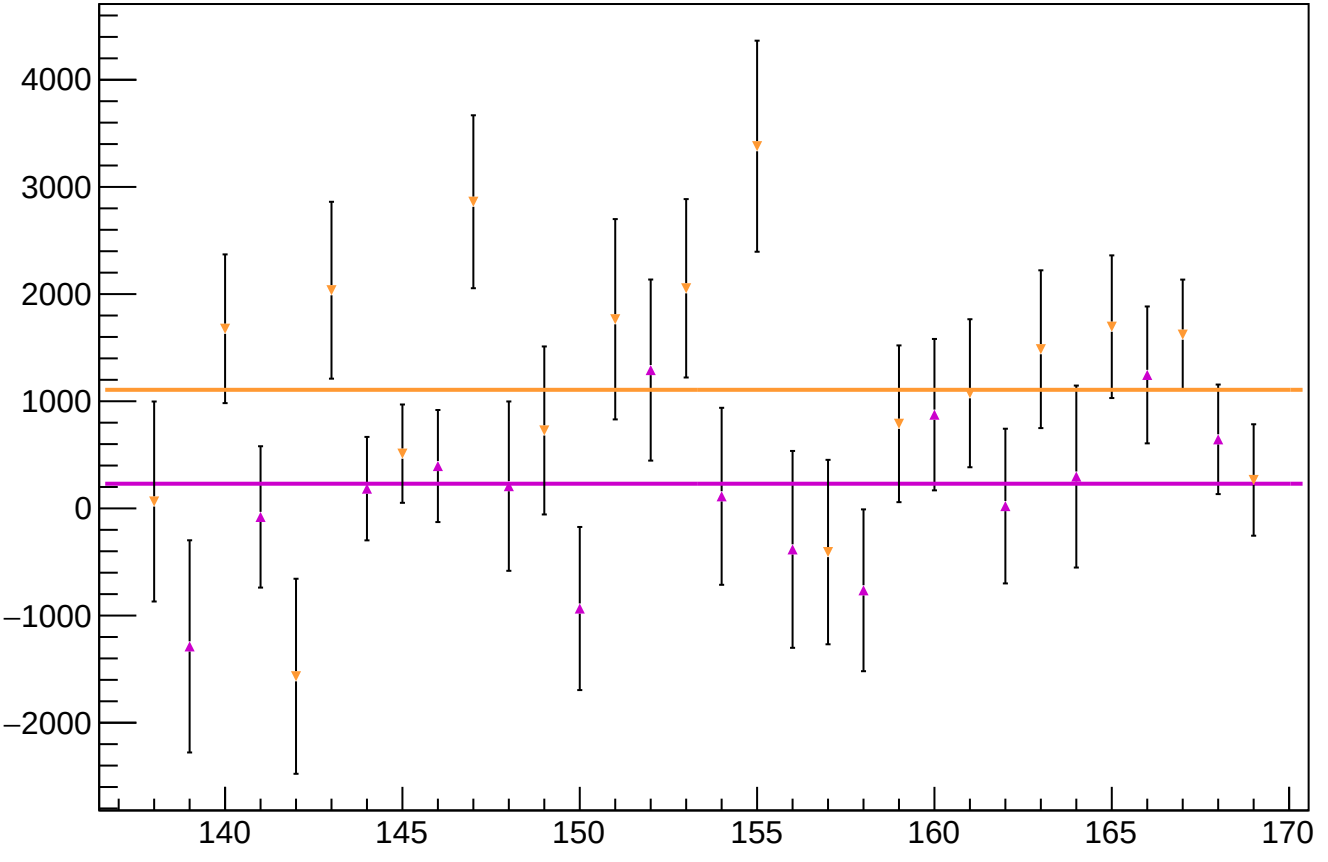
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 587.012+/-0.124 χ^2/NDF:1193900.4/14

Out: 585.074+/-0.120 χ^2/NDF:1465773.2/16

All: 586.010+/-0.086 χ^2/NDF: 2659799.3/31

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 1106.707+/-170.655 χ^2/NDF:33.5/16

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

Left In: 230.380+/-176.805 χ^2/NDF:12.9/14

Left: 684.051+/-122.788 χ^2/NDF: 59.2/31

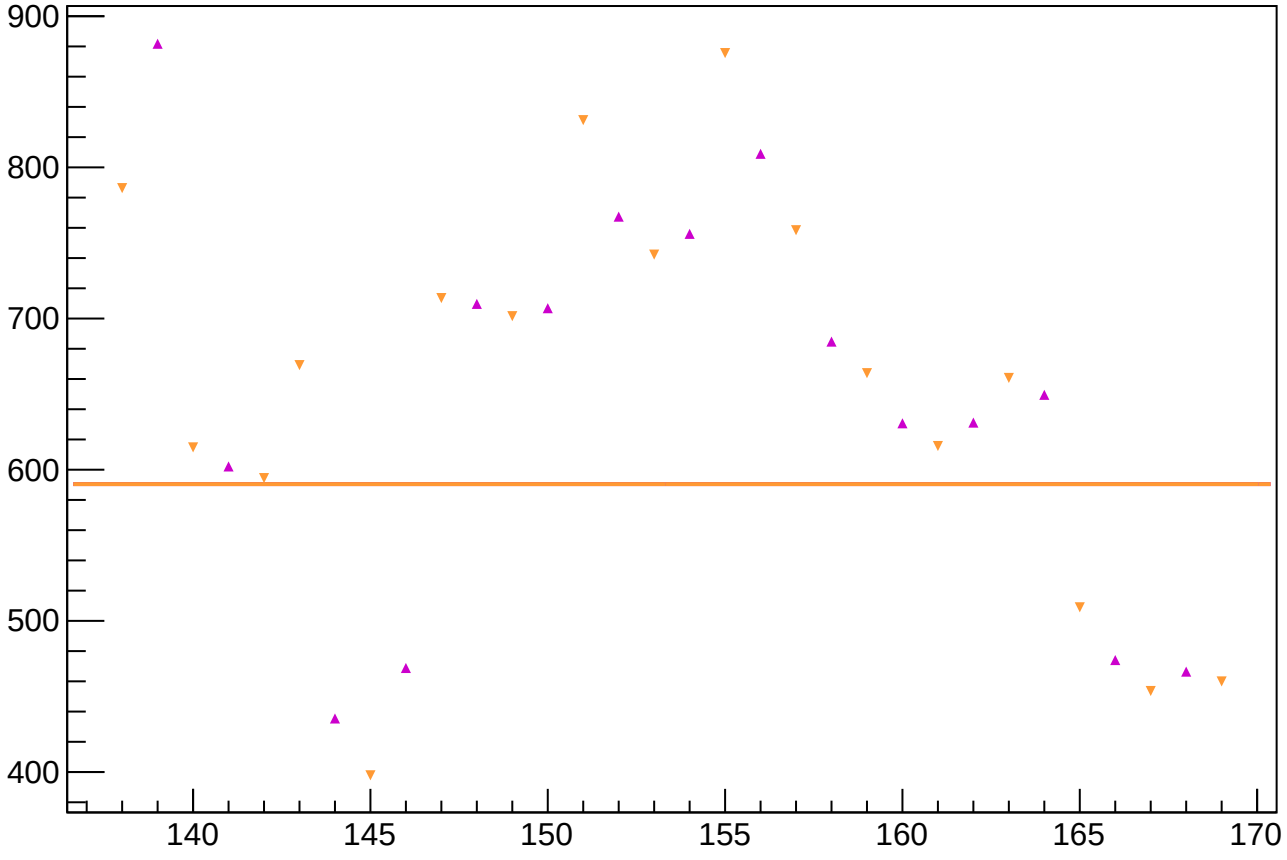
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 230.380+/-176.805 χ^2/NDF:12.9/14

Out: 1106.707+/-170.655 χ^2/NDF:33.5/16

All: 684.051+/-122.788 χ^2/NDF: 59.2/31

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 590.470+/-0.121 χ^2/NDF:1329924.1/16

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

Left In: 590.503+/-0.125 χ^2/NDF:1099705.1/14

Left: 590.486+/-0.087 χ^2/NDF: 2429629.2/31

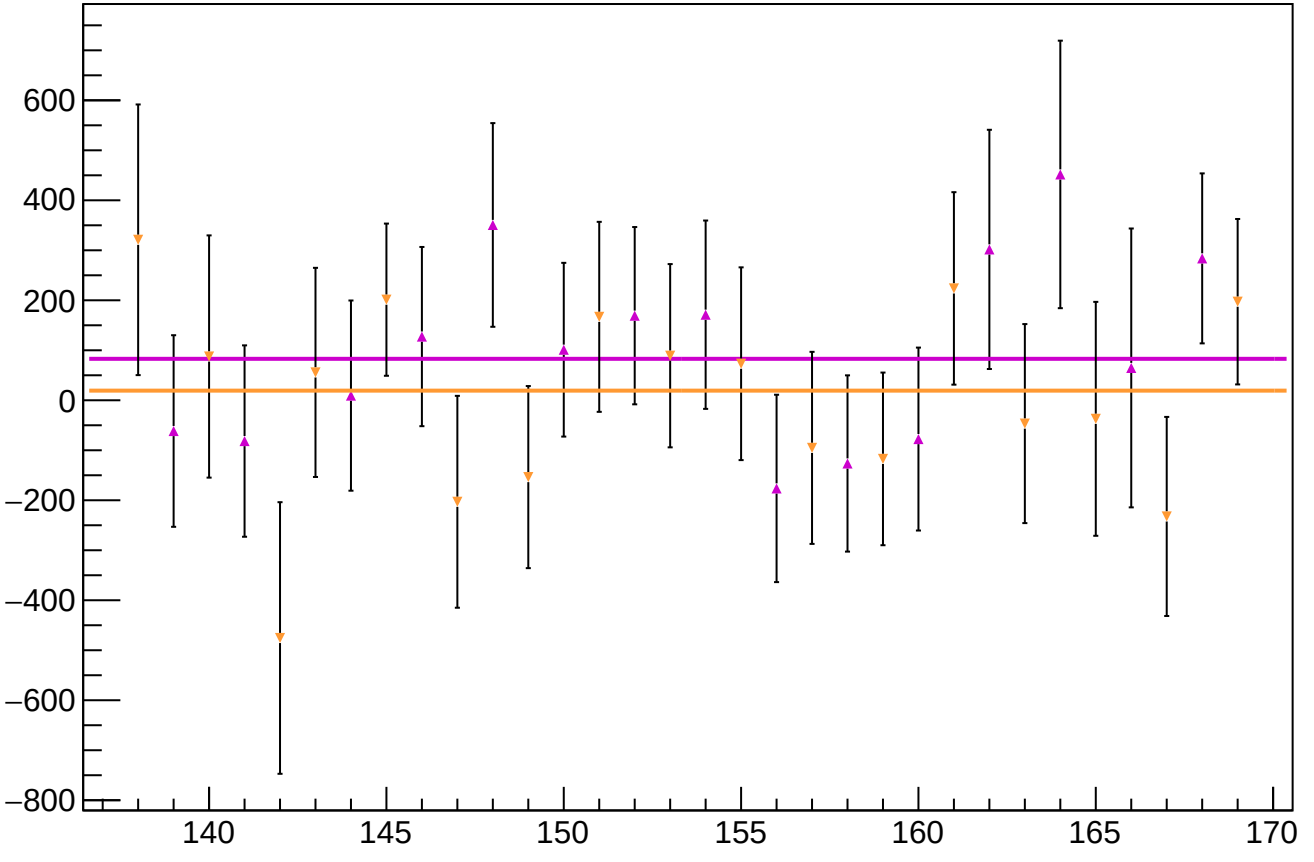
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 590.503+/-0.125 χ^2/NDF:1099705.1/14

Out: 590.470+/-0.121 χ^2/NDF:1329924.1/16

All: 590.486+/-0.087 χ^2/NDF: 2429629.2/31

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 19.294+/-47.677 χ^2/NDF:14.0/16

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

Left In: 82.921+/-50.005 χ^2/NDF:11.9/14

Left: 49.592+/-34.506 χ^2/NDF: 26.8/31

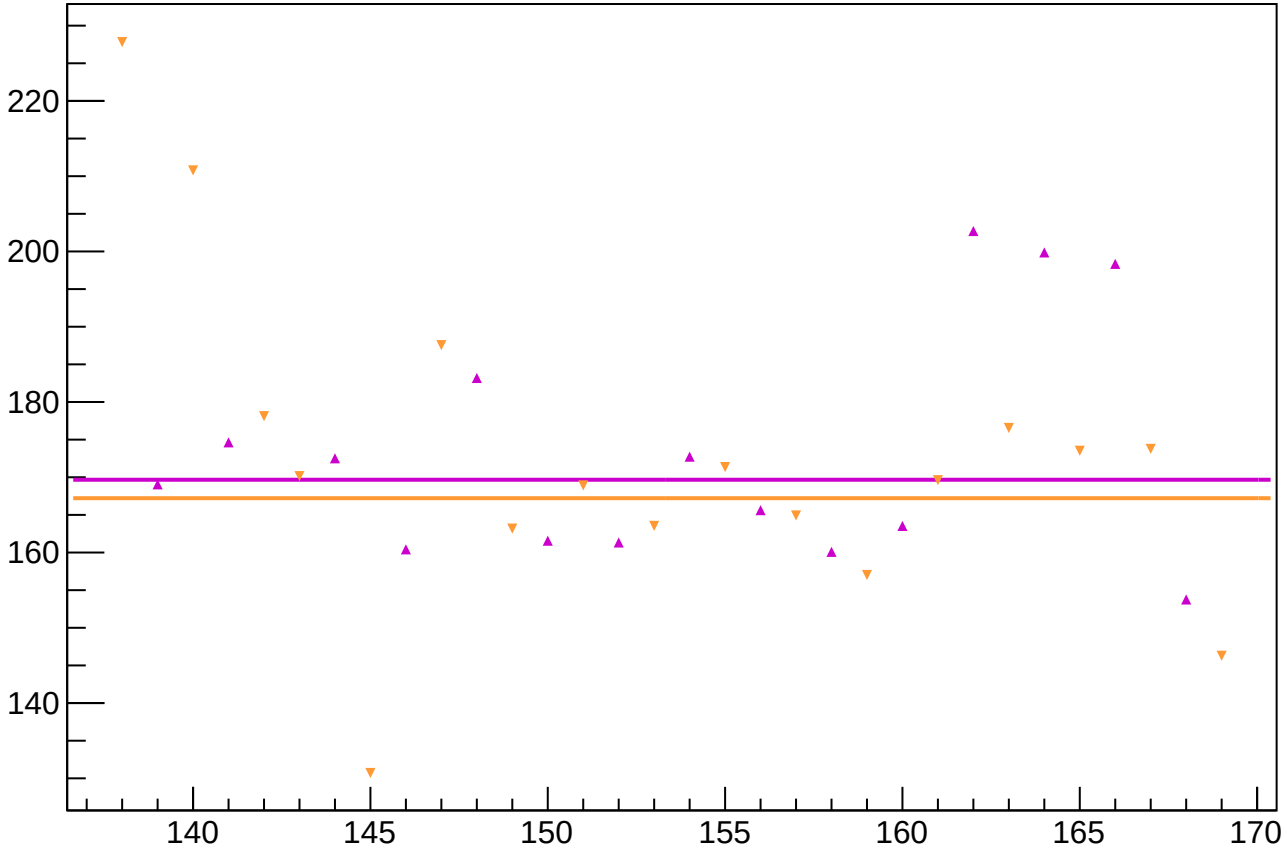
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.921+/-50.005 χ^2/NDF:11.9/14

Out: 19.294+/-47.677 χ^2/NDF:14.0/16

All: 49.592+/-34.506 χ^2/NDF: 26.8/31

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 167.218+/-0.034 χ^2/NDF:352392.3/16

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

Left In: 169.670+/-0.035 χ^2/NDF:136632.7/14

Left: 168.386+/-0.024 χ^2/NDF: 491544.3/31

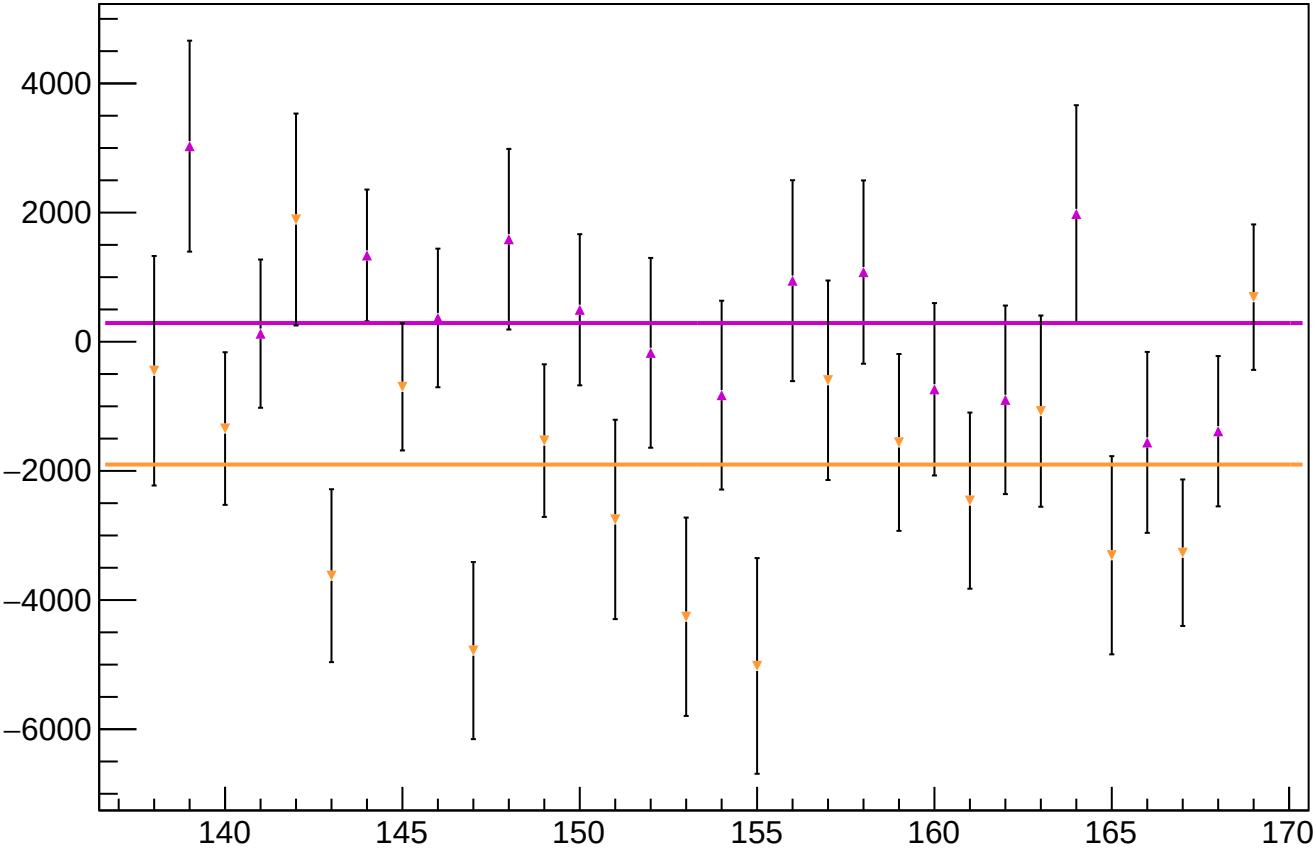
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 169.670+/-0.035 χ^2/NDF:136632.7/14

Out: 167.218+/-0.034 χ^2/NDF:352392.3/16

All: 168.386+/-0.024 χ^2/NDF: 491544.3/31

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1901.632+/-326.504 χ^2/NDF:28.9/16

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

Left In: 289.853+/-339.496 χ^2/NDF:12.0/14

Left: -848.625+/-235.332 χ^2/NDF: 62.6/31

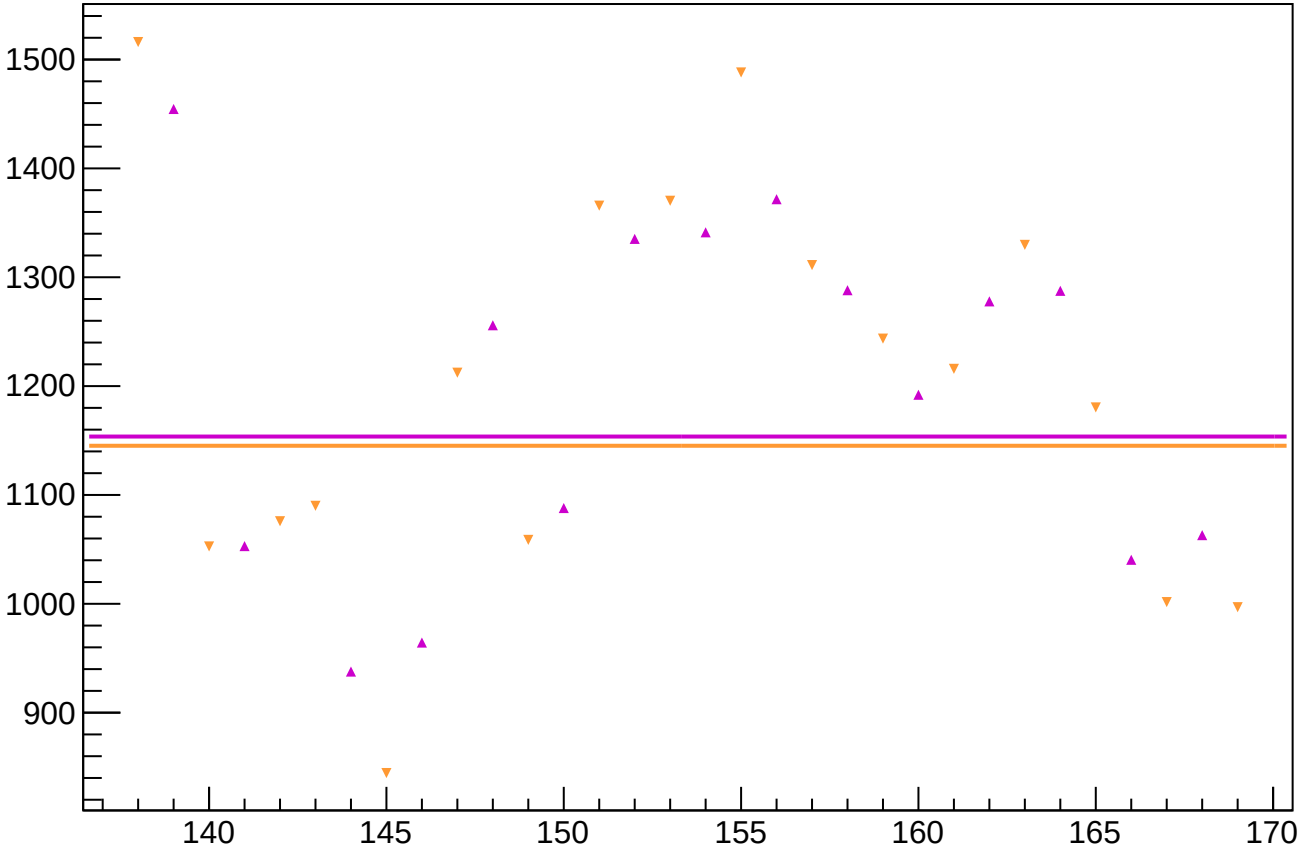
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 289.853+/-339.496 χ^2/NDF:12.0/14

Out: -1901.632+/-326.504 χ^2/NDF:28.9/16

All: -848.625+/-235.332 χ^2/NDF: 62.6/31

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1145.191+/-0.231 χ^2/NDF:614111.7/16

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

Left In: 1153.663+/-0.240 χ^2/NDF:426712.2/14

Left: 1149.262+/-0.166 χ^2/NDF: 1041470.9/31

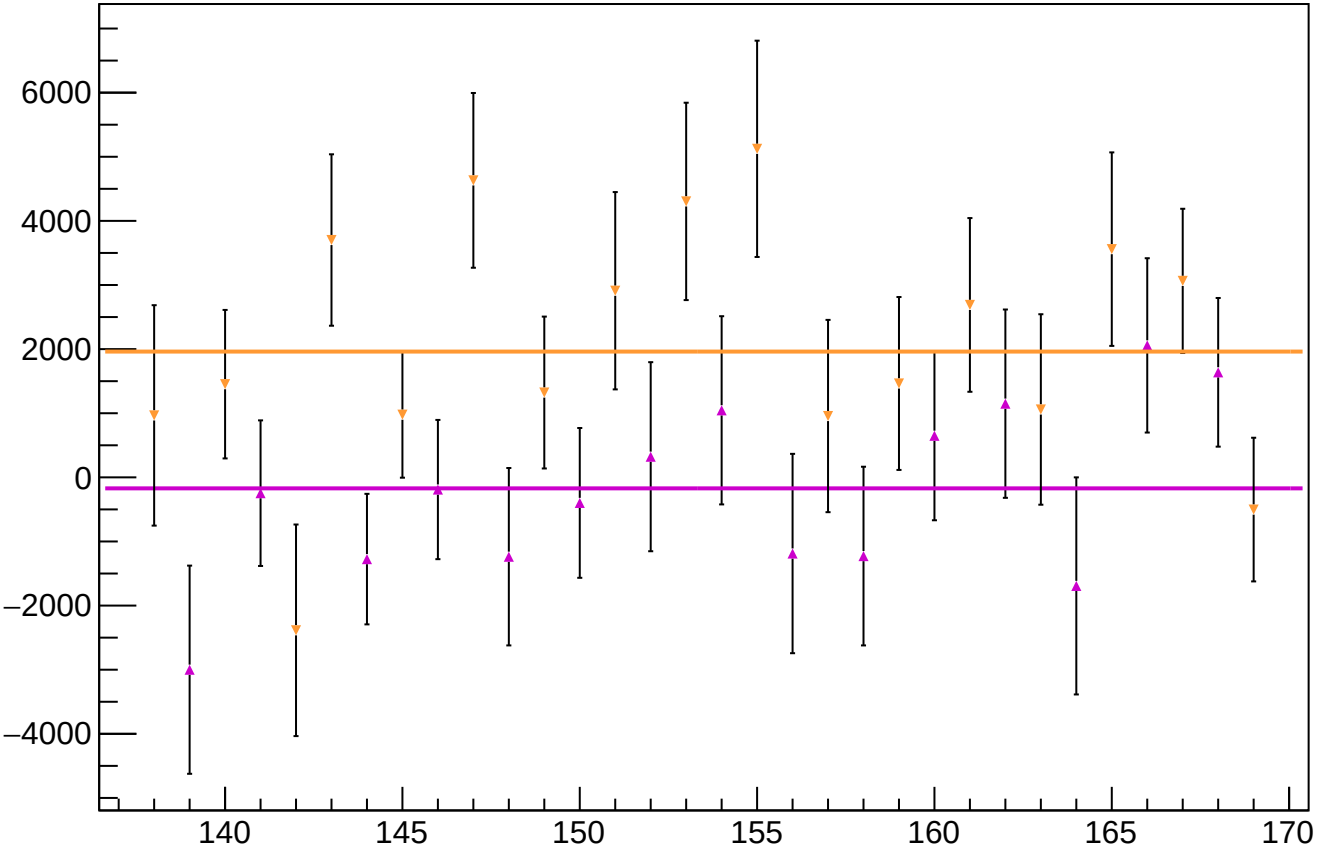
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1153.663+/-0.240 χ^2/NDF:426712.2/14

Out: 1145.191+/-0.231 χ^2/NDF:614111.7/16

All: 1149.262+/-0.166 χ^2/NDF: 1041470.9/31

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1961.749+/-324.220 χ^2/NDF:28.7/16

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

Left In: -171.738+/-338.070 χ^2/NDF:13.8/14

Left: 939.603+/-234.001 χ^2/NDF: 63.2/31

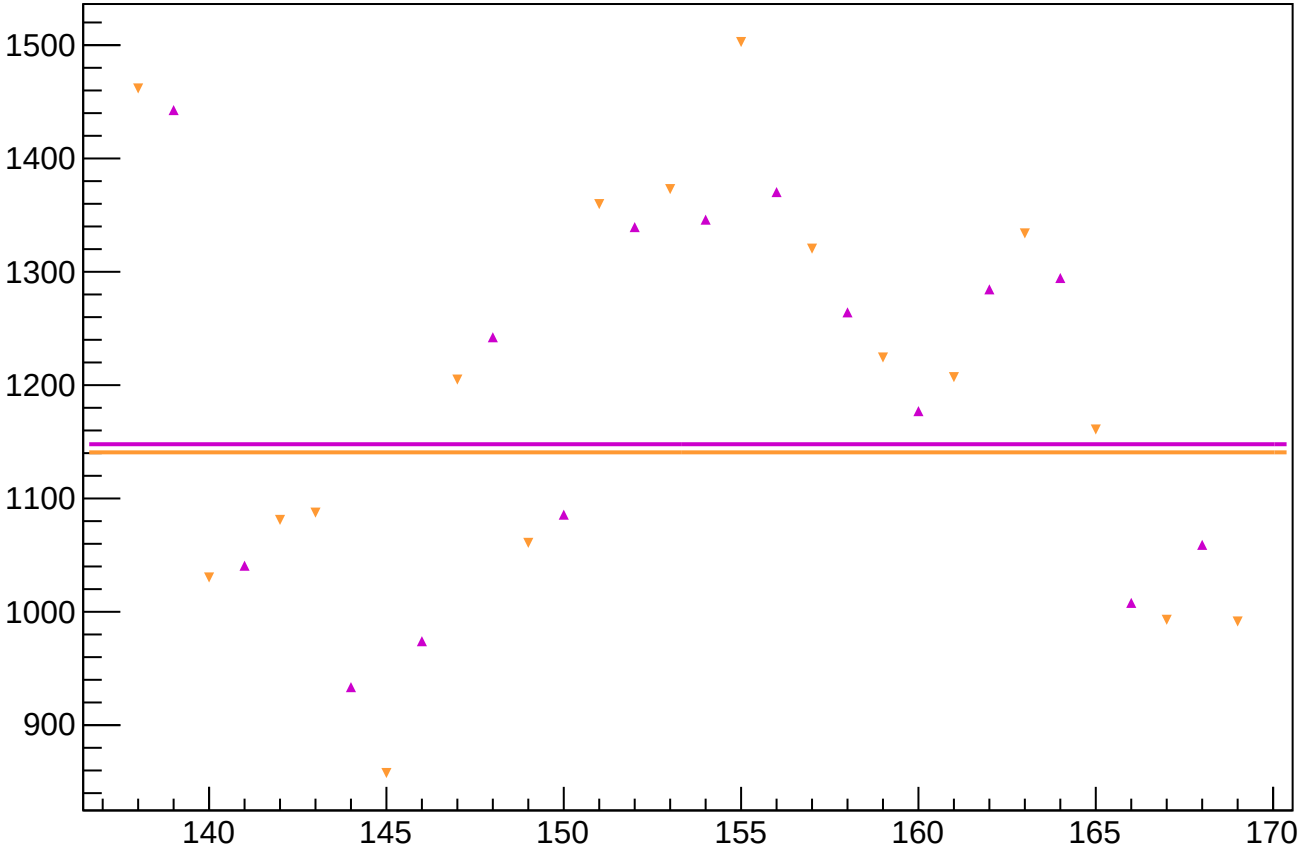
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -171.738+/-338.070 χ^2/NDF:13.8/14

Out: 1961.749+/-324.220 χ^2/NDF:28.7/16

All: 939.603+/-234.001 χ^2/NDF: 63.2/31

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1140.693+/-0.229 χ^2/NDF:596676.5/16

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

Left In: 1147.862+/-0.239 χ^2/NDF:430054.0/14

Left: 1144.128+/-0.165 χ^2/NDF: 1027198.9/31

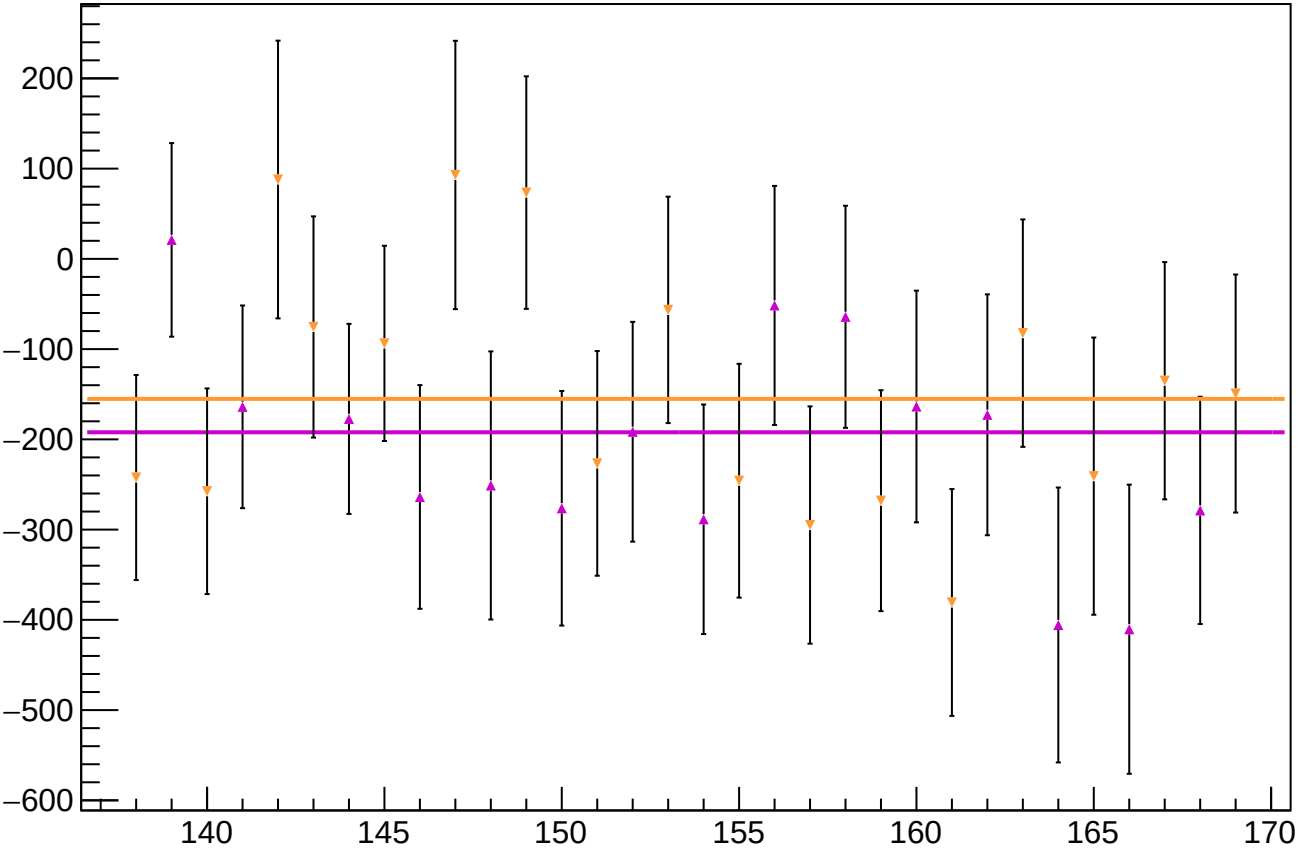
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1147.862+/-0.239 χ^2/NDF:430054.0/14

Out: 1140.693+/-0.229 χ^2/NDF:596676.5/16

All: 1144.128+/-0.165 χ^2/NDF: 1027198.9/31

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -155.134+/-30.852 χ^2/NDF:17.9/16

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

Left In: -192.173+/-32.612 χ^2/NDF:12.1/14

Left: -172.627+/-22.412 χ^2/NDF: 30.7/31

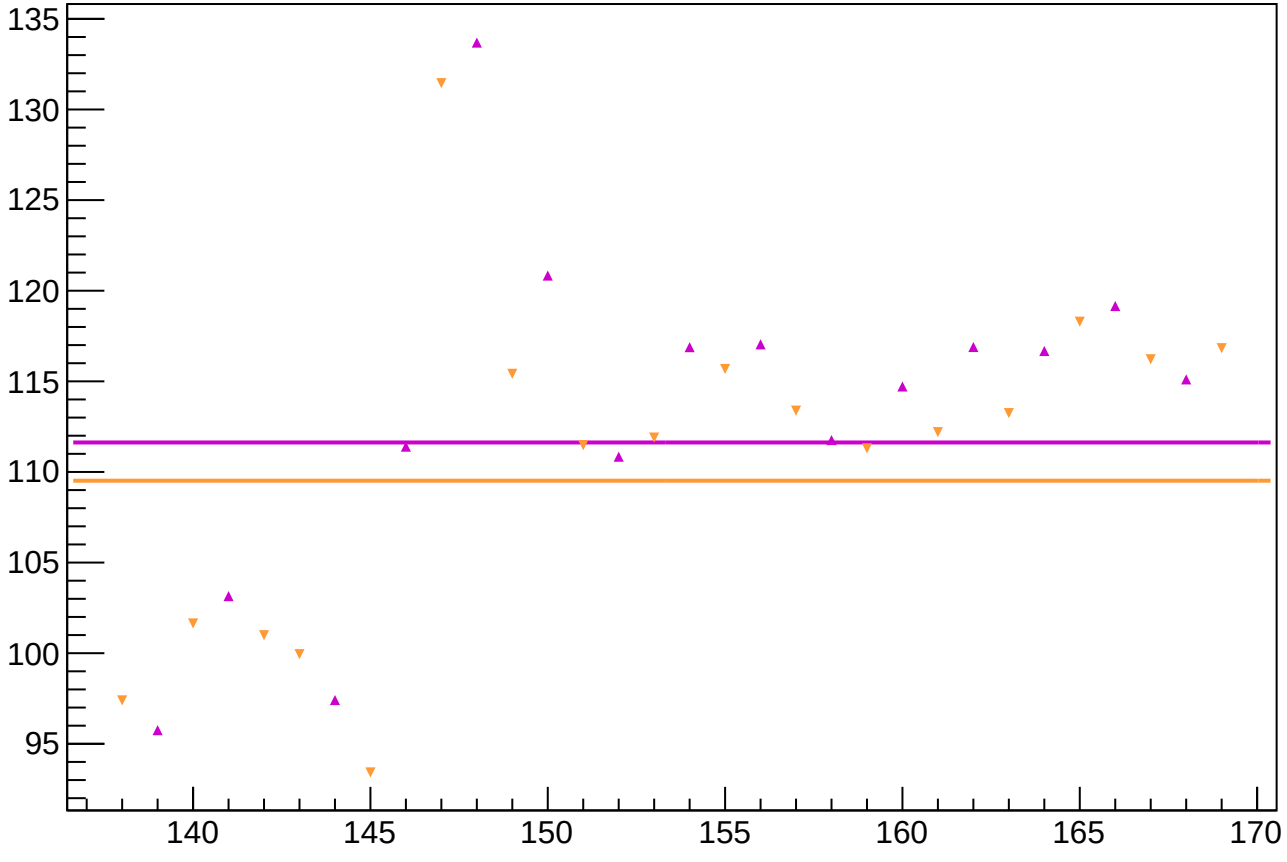
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -192.173+/-32.612 χ^2/NDF:12.1/14

Out: -155.134+/-30.852 χ^2/NDF:17.9/16

All: -172.627+/-22.412 χ^2/NDF: 30.7/31

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 109.518+/-0.022 χ^2/NDF:171120.1/16

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

Left In: 111.627+/-0.023 χ^2/NDF:165059.5/14

Left: 110.514+/-0.016 χ^2/NDF: 340593.3/31

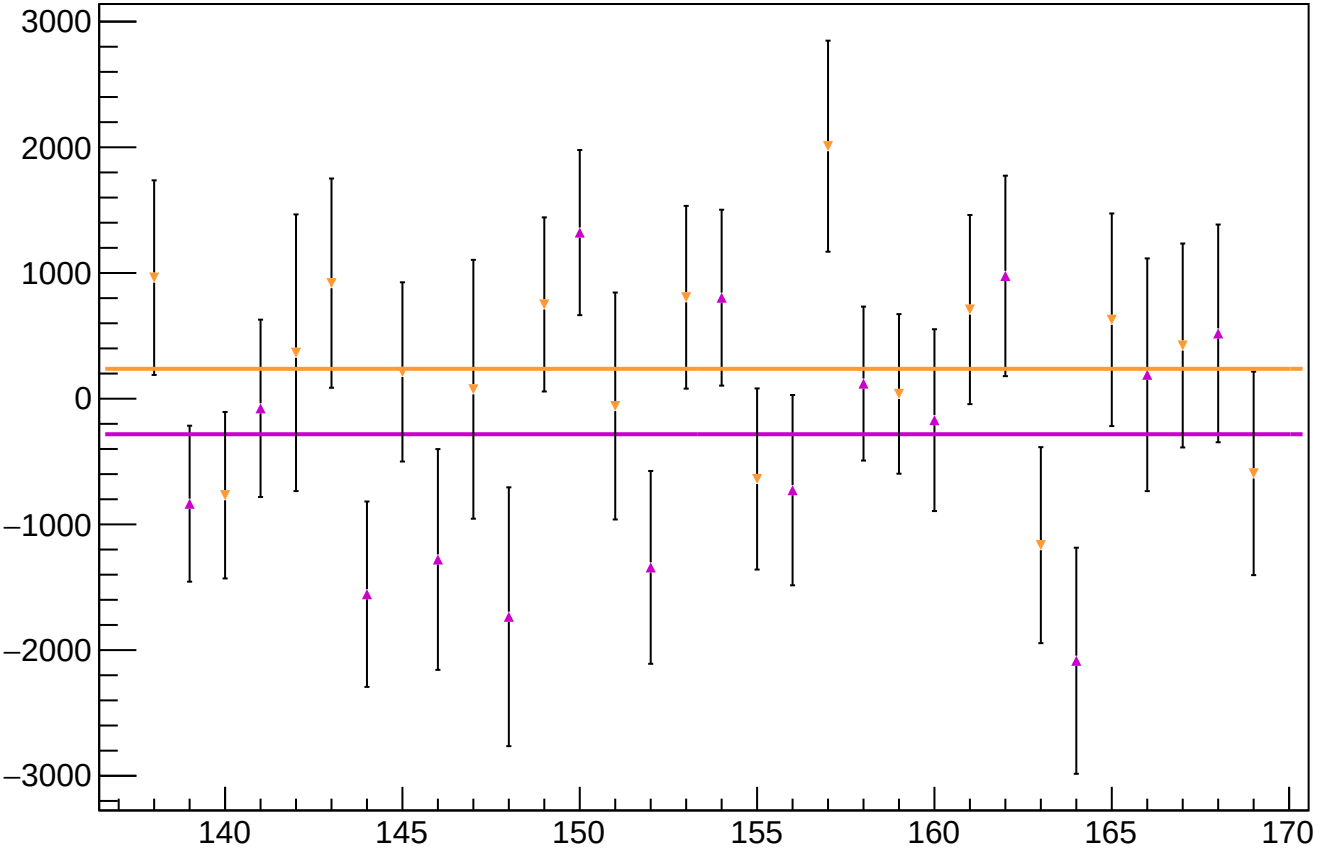
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.627+/-0.023 χ^2/NDF:165059.5/14

Out: 109.518+/-0.022 χ^2/NDF:171120.1/16

All: 110.514+/-0.016 χ^2/NDF: 340593.3/31

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 237.733+/-188.918 χ^2/NDF:16.1/16

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

Left In: -282.706+/-194.701 χ^2/NDF:25.8/14

Left: -14.643+/-135.583 χ^2/NDF: 45.7/31

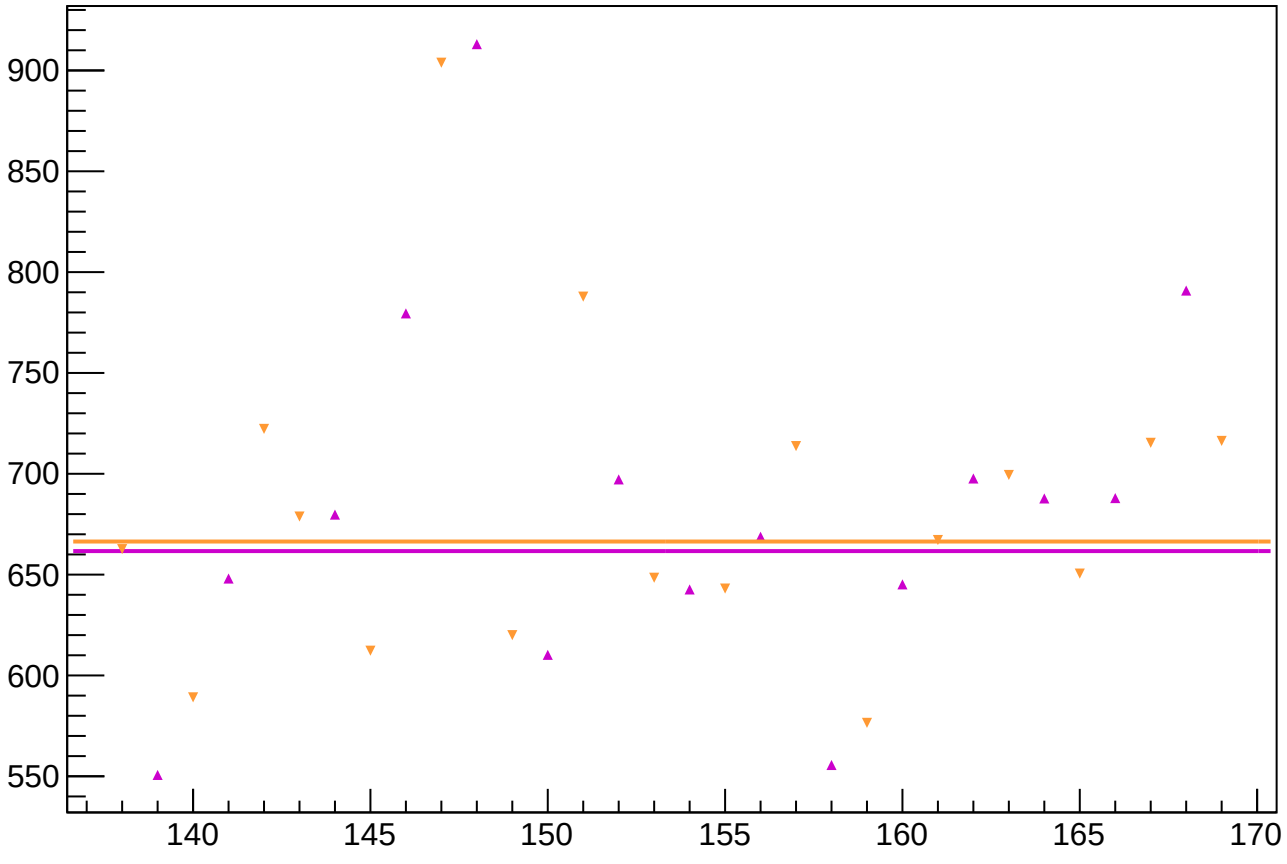
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -282.706+/-194.701 χ^2/NDF:25.8/14

Out: 237.733+/-188.918 χ^2/NDF:16.1/16

All: -14.643+/-135.583 χ^2/NDF: 45.7/31

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 666.409+/-0.134 χ^2/NDF:264942.9/16

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

Left In: 661.665+/-0.138 χ^2/NDF:352339.6/14

Left: 664.109+/-0.096 χ^2/NDF: 617893.9/31

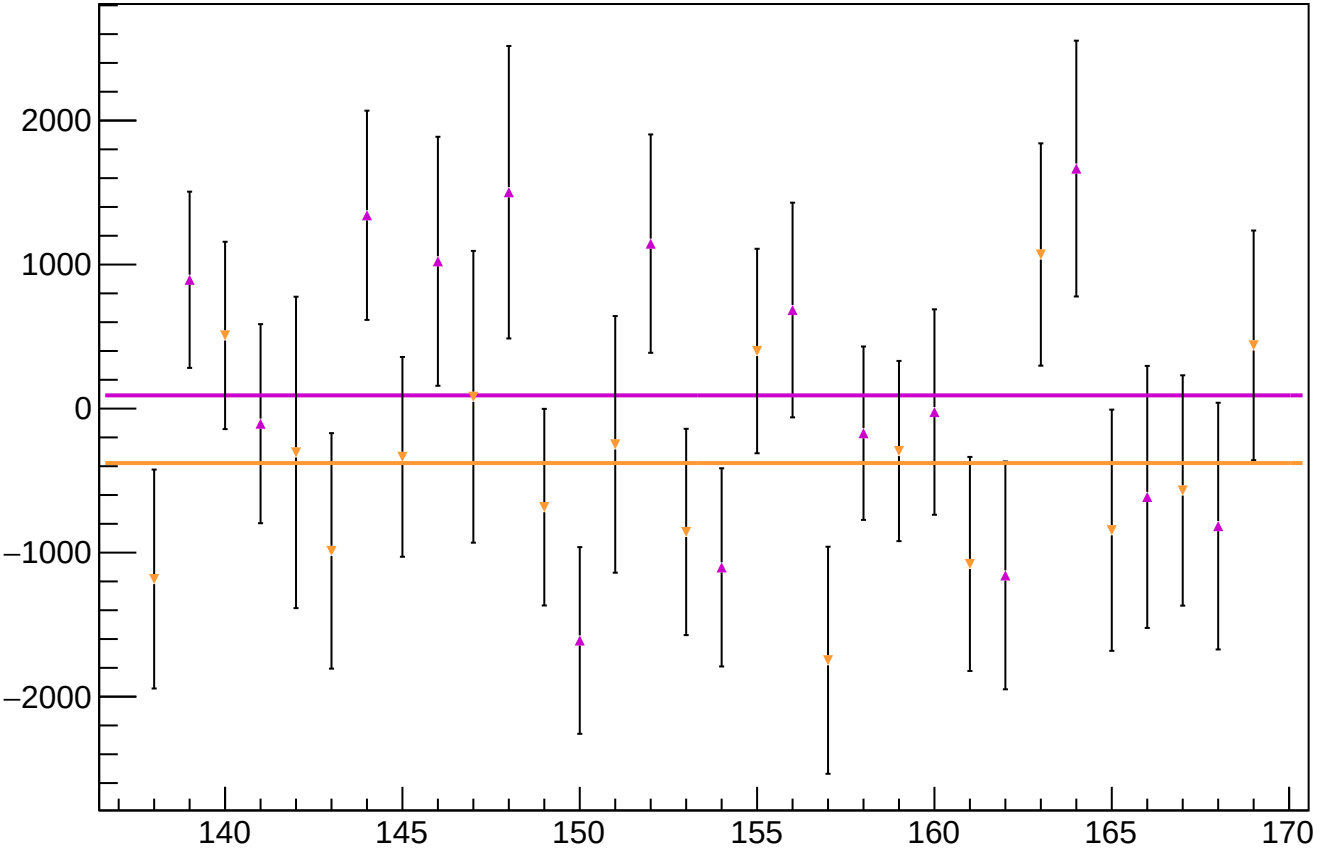
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 661.665+/-0.138 χ^2/NDF:352339.6/14

Out: 666.409+/-0.134 χ^2/NDF:264942.9/16

All: 664.109+/-0.096 χ^2/NDF: 617893.9/31

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -378.114+/-185.511 χ^2/NDF:14.5/16

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

Left In: 91.881+/-191.859 χ^2/NDF:27.9/14

Left: -151.020+/-133.364 χ^2/NDF: 45.5/31

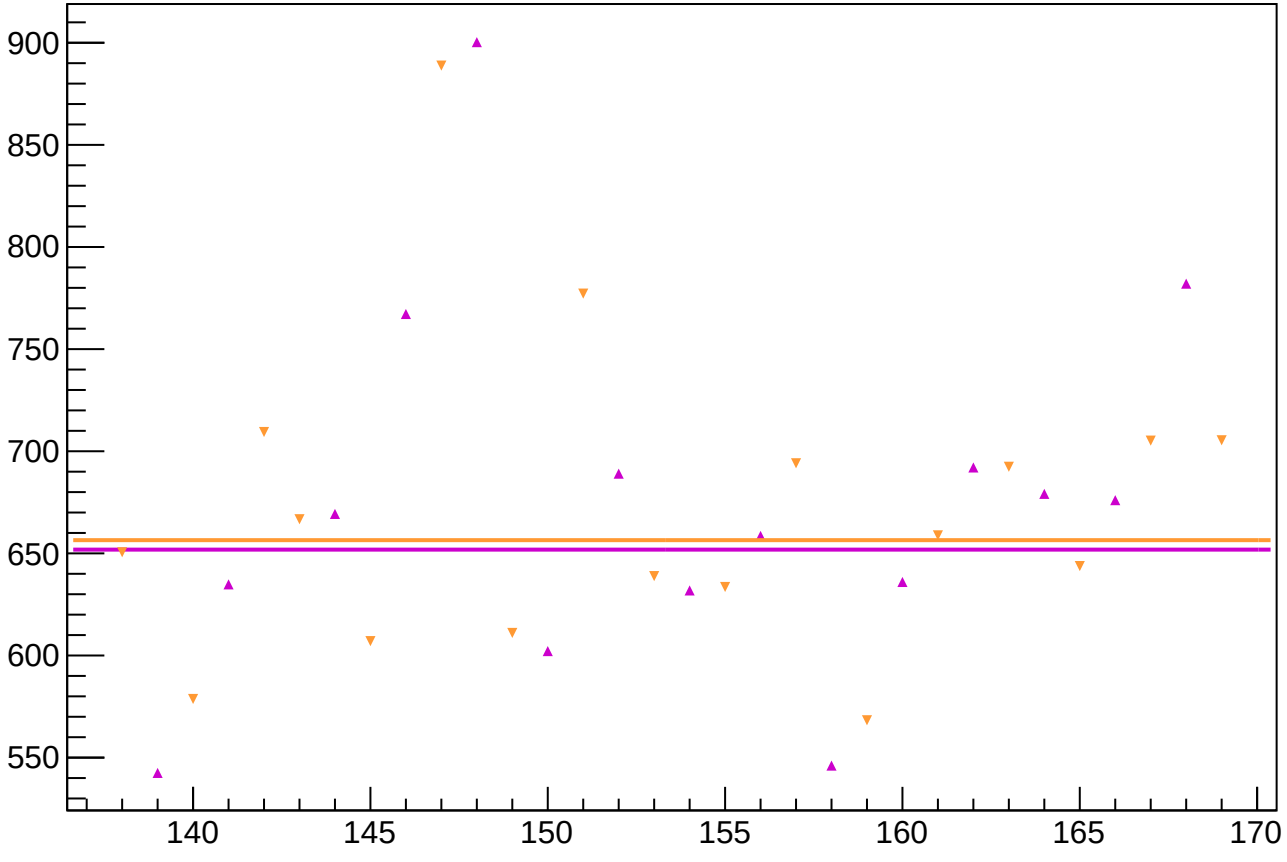
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.881+/-191.859 χ^2/NDF:27.9/14

Out: -378.114+/-185.511 χ^2/NDF:14.5/16

All: -151.020+/-133.364 χ^2/NDF: 45.5/31

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 656.471+/-0.131 χ^2/NDF:262130.4/16

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

Left In: 651.838+/-0.136 χ^2/NDF:357454.0/14

Left: 654.232+/-0.094 χ^2/NDF: 620187.3/31

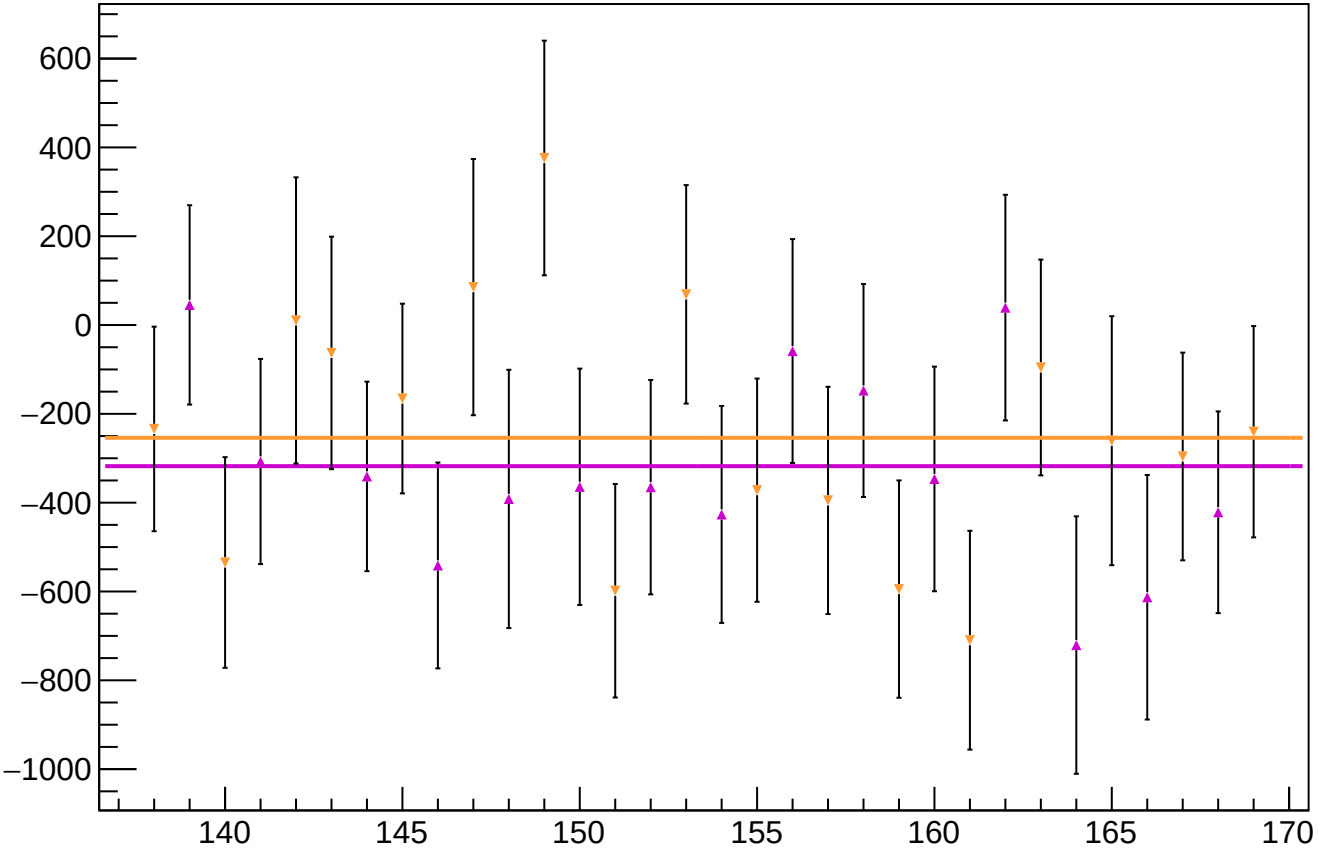
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 651.838+/-0.136 χ^2/NDF:357454.0/14

Out: 656.471+/-0.131 χ^2/NDF:262130.4/16

All: 654.232+/-0.094 χ^2/NDF: 620187.3/31

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -253.947+/-60.539 χ^2/NDF:20.0/16

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

Left In: -317.786+/-63.528 χ^2/NDF:10.7/14

Left: -284.329+/-43.826 χ^2/NDF: 31.2/31

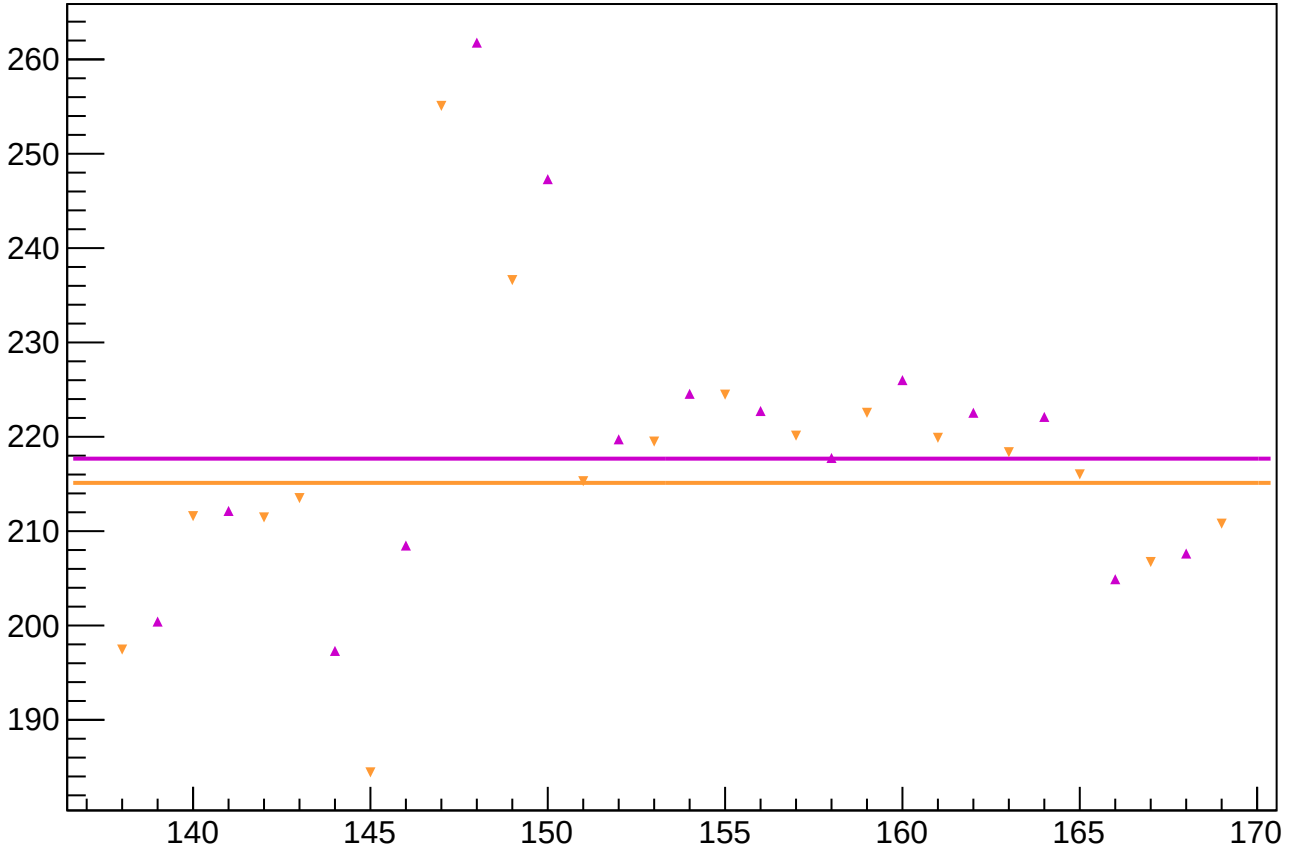
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -317.786+/-63.528 χ^2/NDF:10.7/14

Out: -253.947+/-60.539 χ^2/NDF:20.0/16

All: -284.329+/-43.826 χ^2/NDF: 31.2/31

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 215.117+/-0.043 χ^2/NDF:115777.8/16

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

Left In: 217.685+/-0.045 χ^2/NDF:119282.1/14

Left: 216.339+/-0.031 χ^2/NDF: 236772.1/31

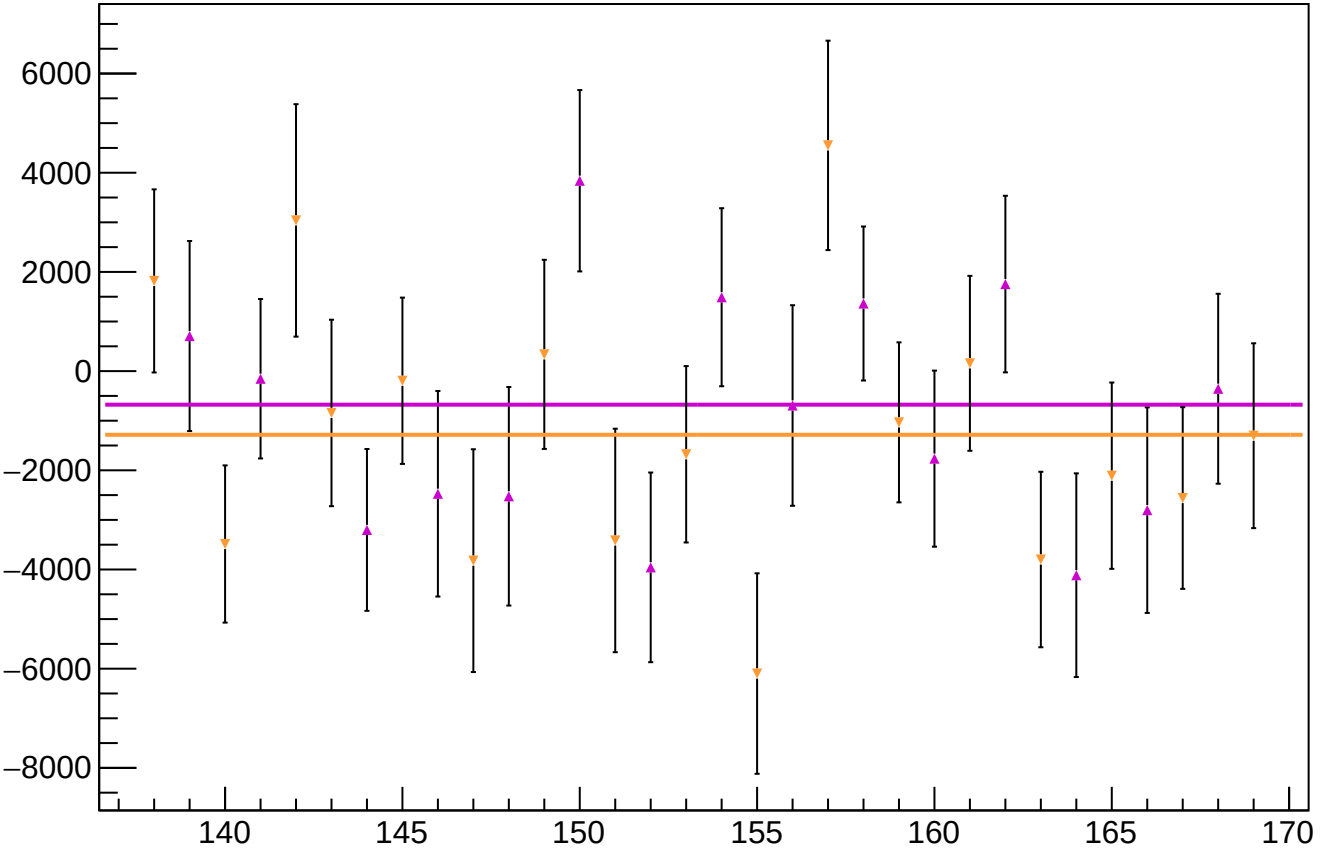
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 217.685+/-0.045 χ^2/NDF:119282.1/14

Out: 215.117+/-0.043 χ^2/NDF:115777.8/16

All: 216.339+/-0.031 χ^2/NDF: 236772.1/31

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1284.009+/-453.470 χ^2/NDF:28.3/16

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

Left In: -676.732+/-477.170 χ^2/NDF:22.8/14

Left: -995.826+/-328.711 χ^2/NDF: 52.0/31

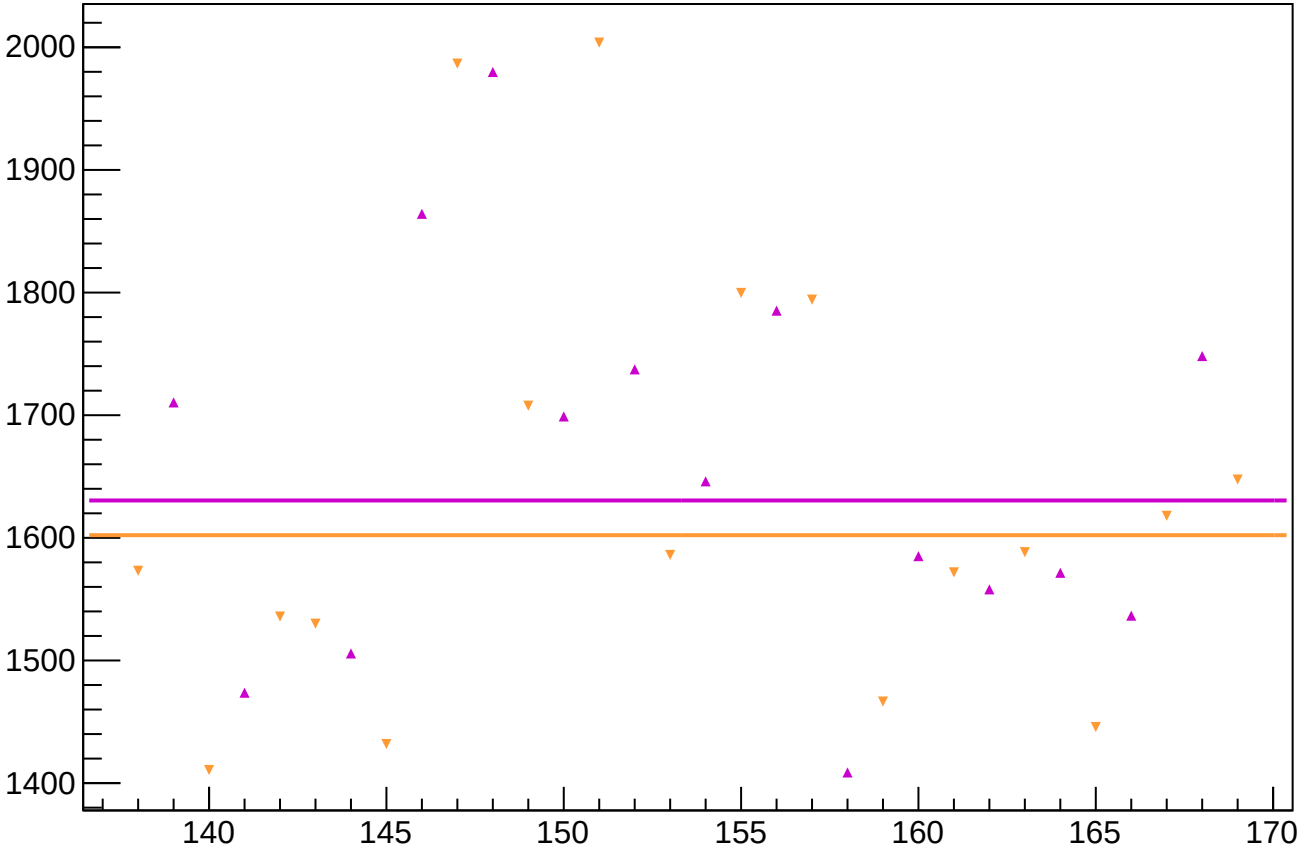
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -676.732+/-477.170 χ^2/NDF:22.8/14

Out: -1284.009+/-453.470 χ^2/NDF:28.3/16

All: -995.826+/-328.711 χ^2/NDF: 52.0/31

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1602.175+/-0.321 χ^2/NDF:249062.7/16

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

Left In: 1630.481+/-0.337 χ^2/NDF:189625.7/14

Left: 1615.607+/-0.232 χ^2/NDF: 442386.4/31

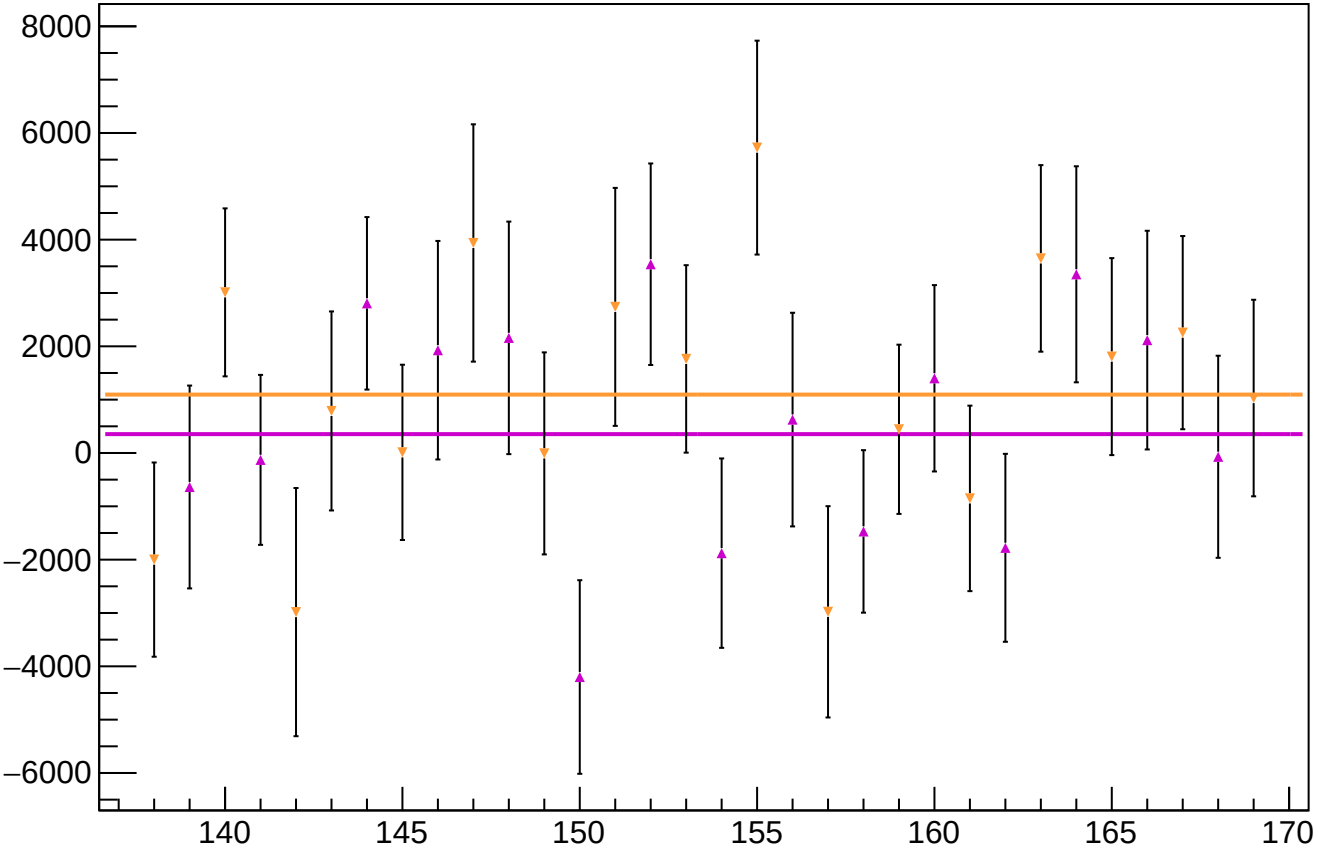
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1630.481+/-0.337 χ^2/NDF:189625.7/14

Out: 1602.175+/-0.321 χ^2/NDF:249062.7/16

All: 1615.607+/-0.232 χ^2/NDF: 442386.4/31

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 1095.078+/-447.059 χ^2/NDF:24.2/16

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

Left In: 353.668+/-471.807 χ^2/NDF:20.9/14

Left: 744.327+/-324.515 χ^2/NDF: 46.4/31

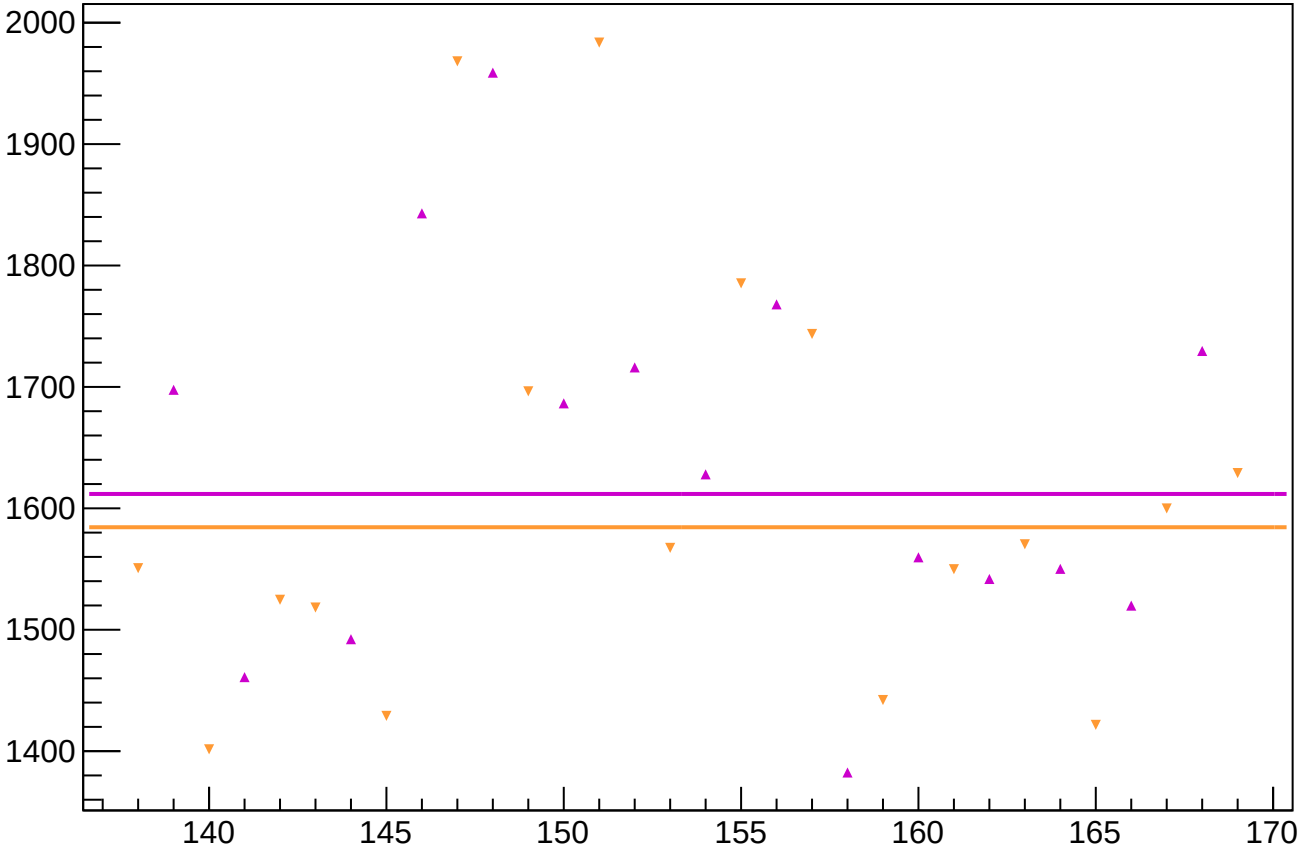
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 353.668+/-471.807 χ^2/NDF:20.9/14

Out: 1095.078+/-447.059 χ^2/NDF:24.2/16

All: 744.327+/-324.515 χ^2/NDF: 46.4/31

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1584.429+/-0.316 χ^2/NDF:246920.0/16

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

Left In: 1611.842+/-0.334 χ^2/NDF:194765.8/14

Left: 1597.398+/-0.229 χ^2/NDF: 445243.3/31

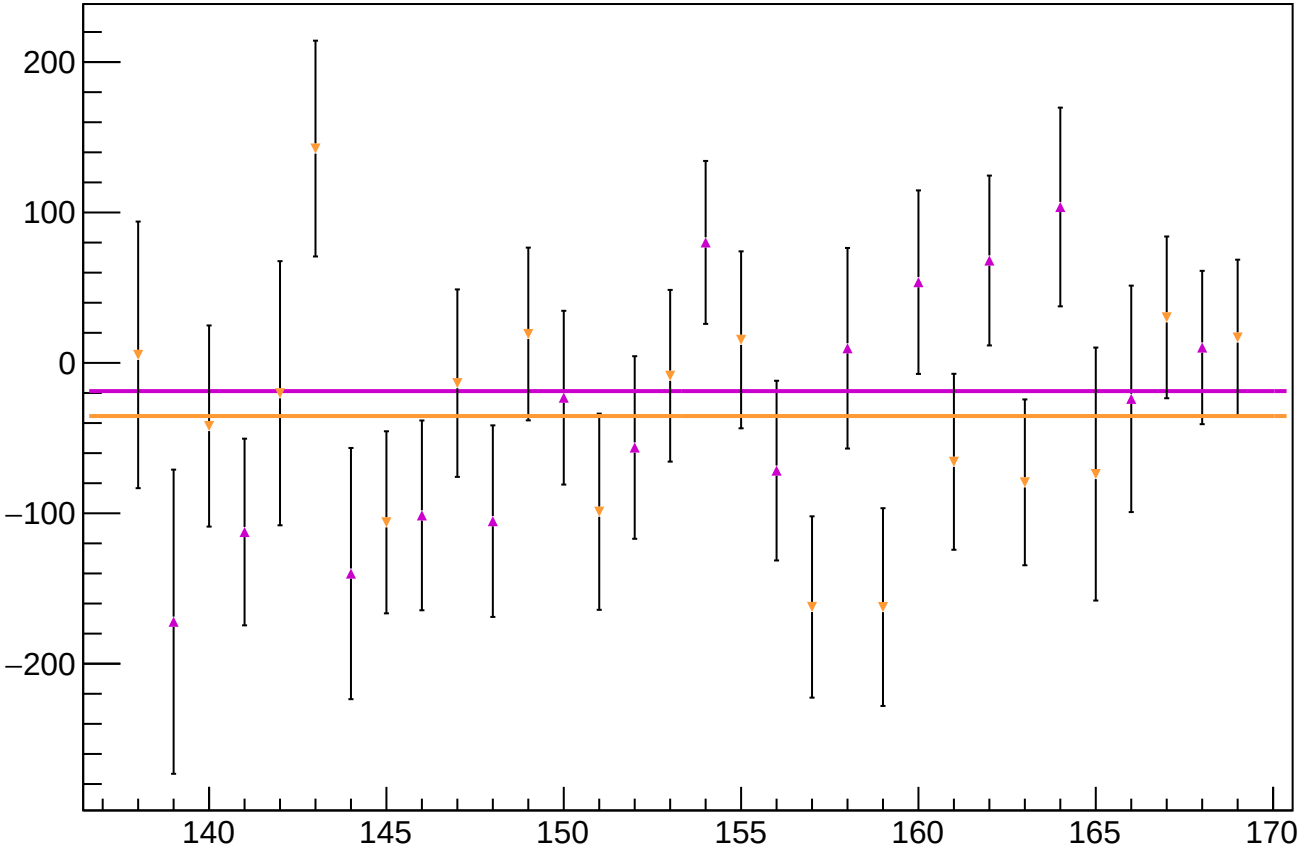
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1611.842+/-0.334 χ^2/NDF:194765.8/14

Out: 1584.429+/-0.316 χ^2/NDF:246920.0/16

All: 1597.398+/-0.229 χ^2/NDF: 445243.3/31

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -35.337+/-15.201 χ^2/NDF:22.5/16

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

Left In: -18.760+/-16.247 χ^2/NDF:22.5/14

Left: -27.600+/-11.100 χ^2/NDF: 45.5/31

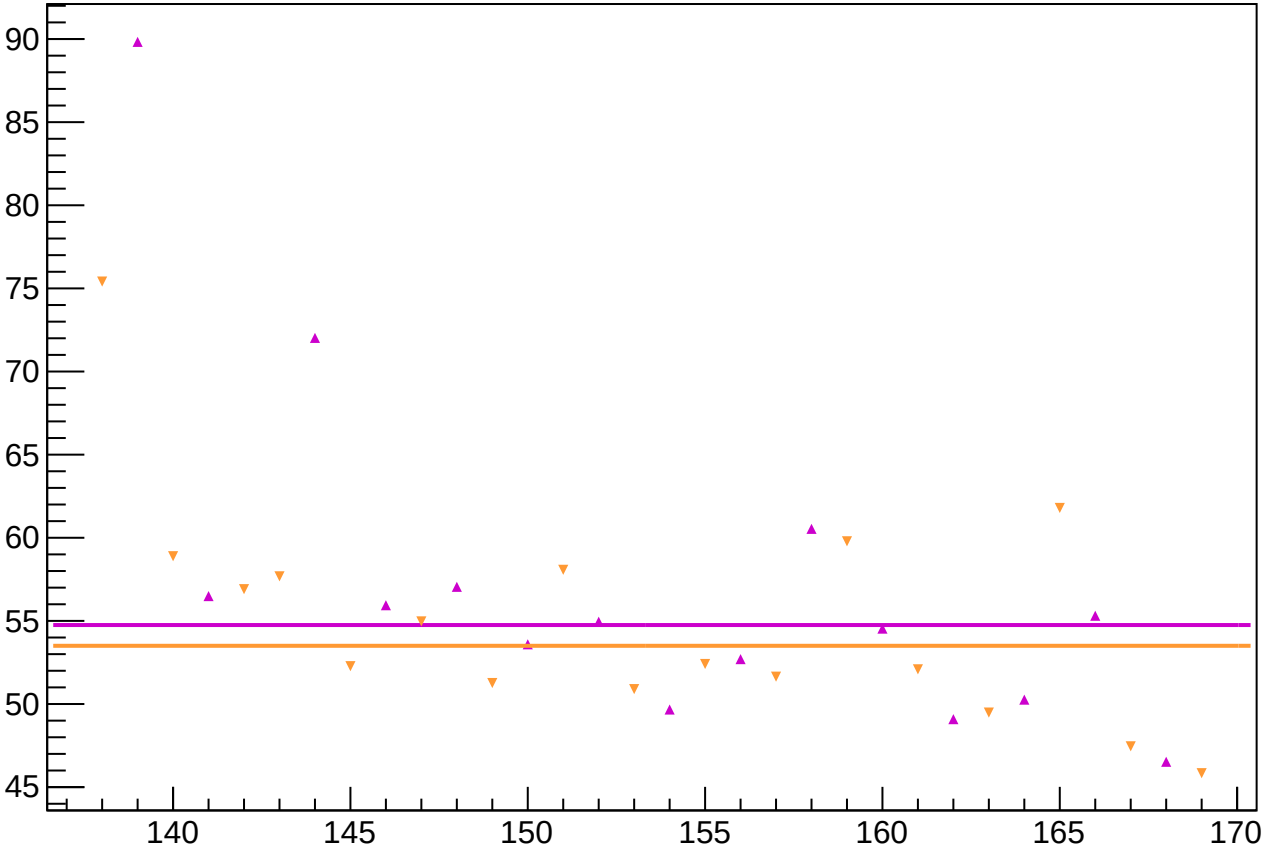
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.760+/-16.247 χ^2/NDF:22.5/14

Out: -35.337+/-15.201 χ^2/NDF:22.5/16

All: -27.600+/-11.100 χ^2/NDF: 45.5/31

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 53.502+/-0.011 χ^2/NDF:285187.3/16

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

Left In: 54.751+/-0.011 χ^2/NDF:448549.6/14

Left: 54.085+/-0.008 χ^2/NDF: 740034.3/31

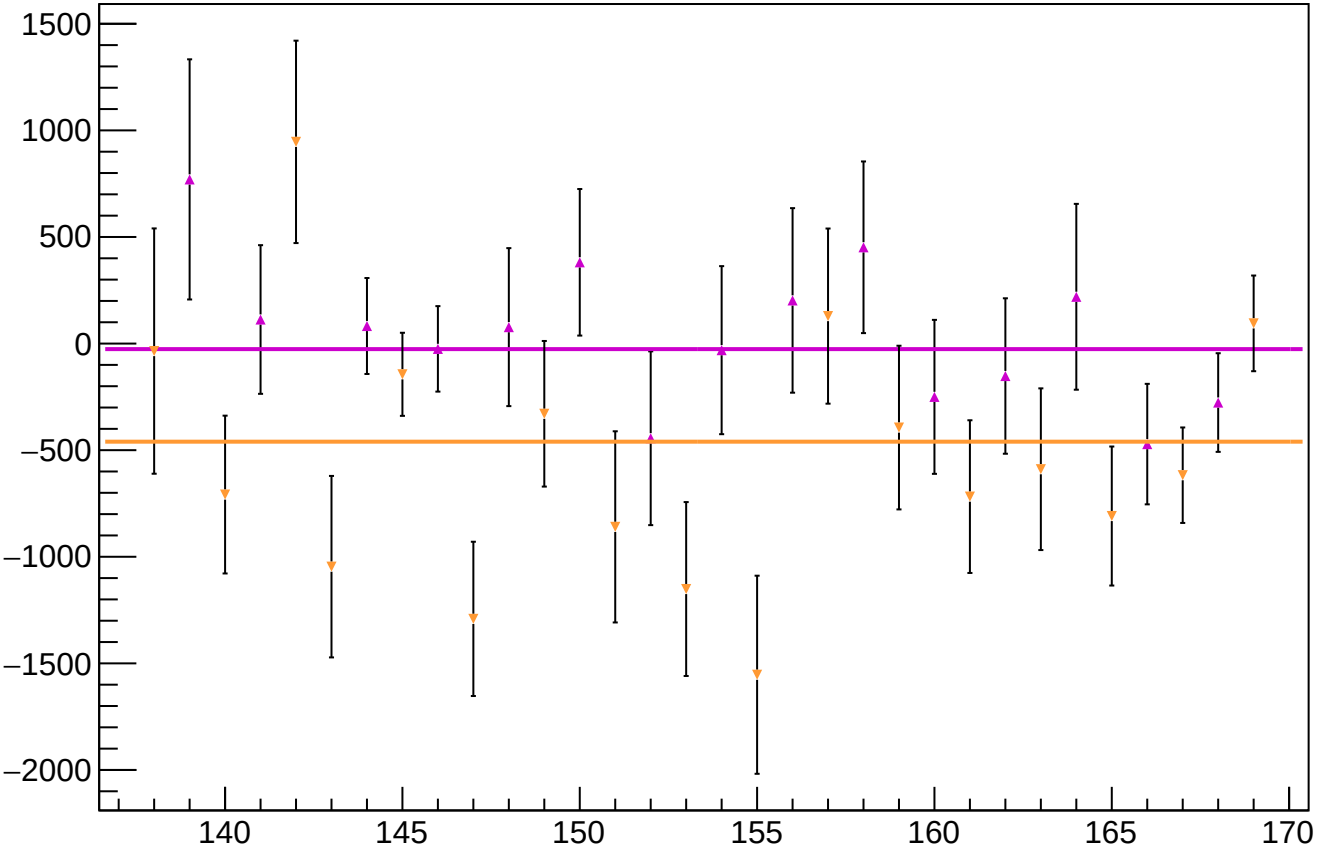
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 54.751+/-0.011 χ^2/NDF:448549.6/14

Out: 53.502+/-0.011 χ^2/NDF:285187.3/16

All: 54.085+/-0.008 χ^2/NDF: 740034.3/31

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -460.133+/-80.291 χ^2/NDF:39.4/16

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

Left In: -25.974+/-82.373 χ^2/NDF:11.1/14

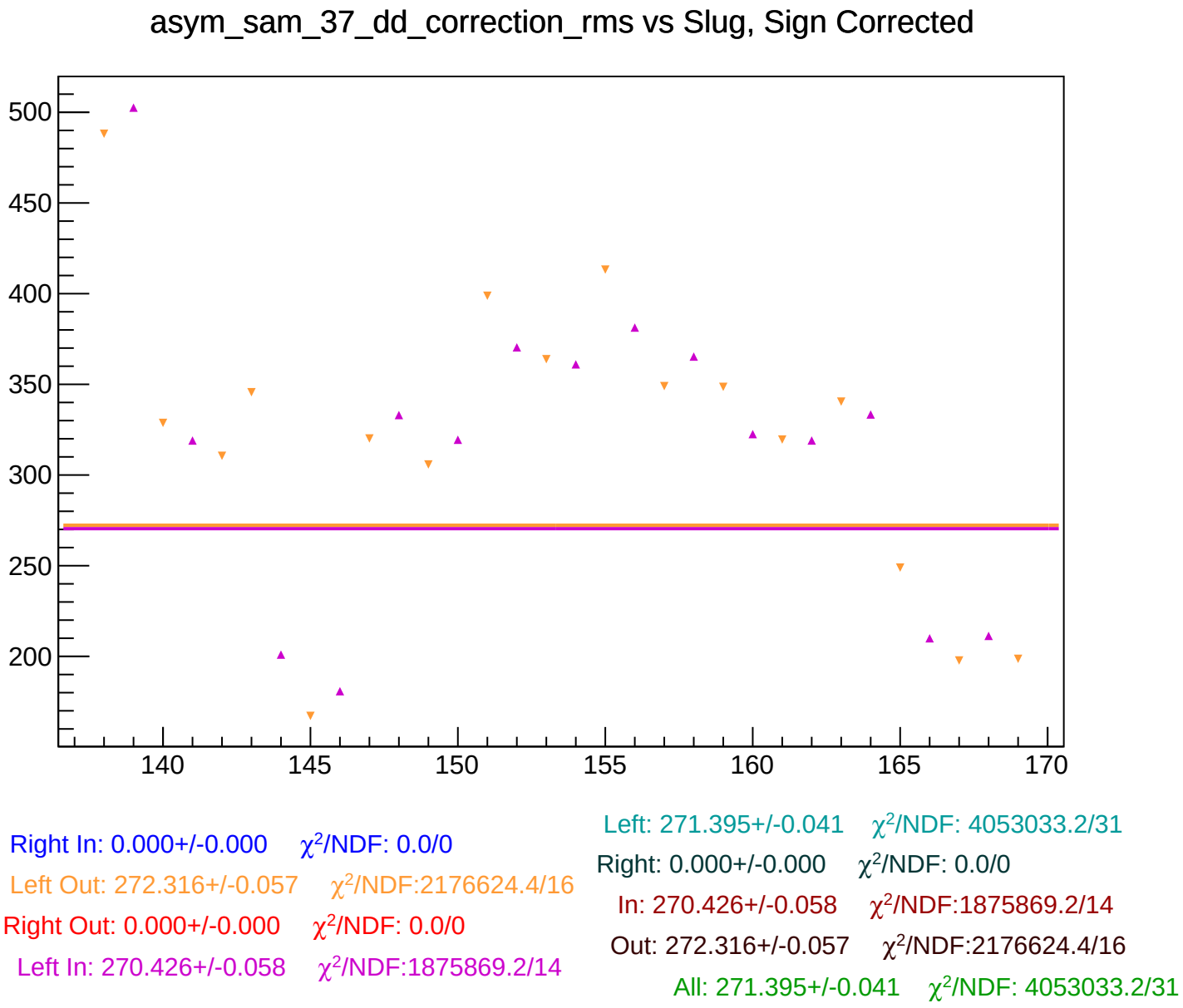
Left: -248.610+/-57.497 χ^2/NDF: 64.7/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

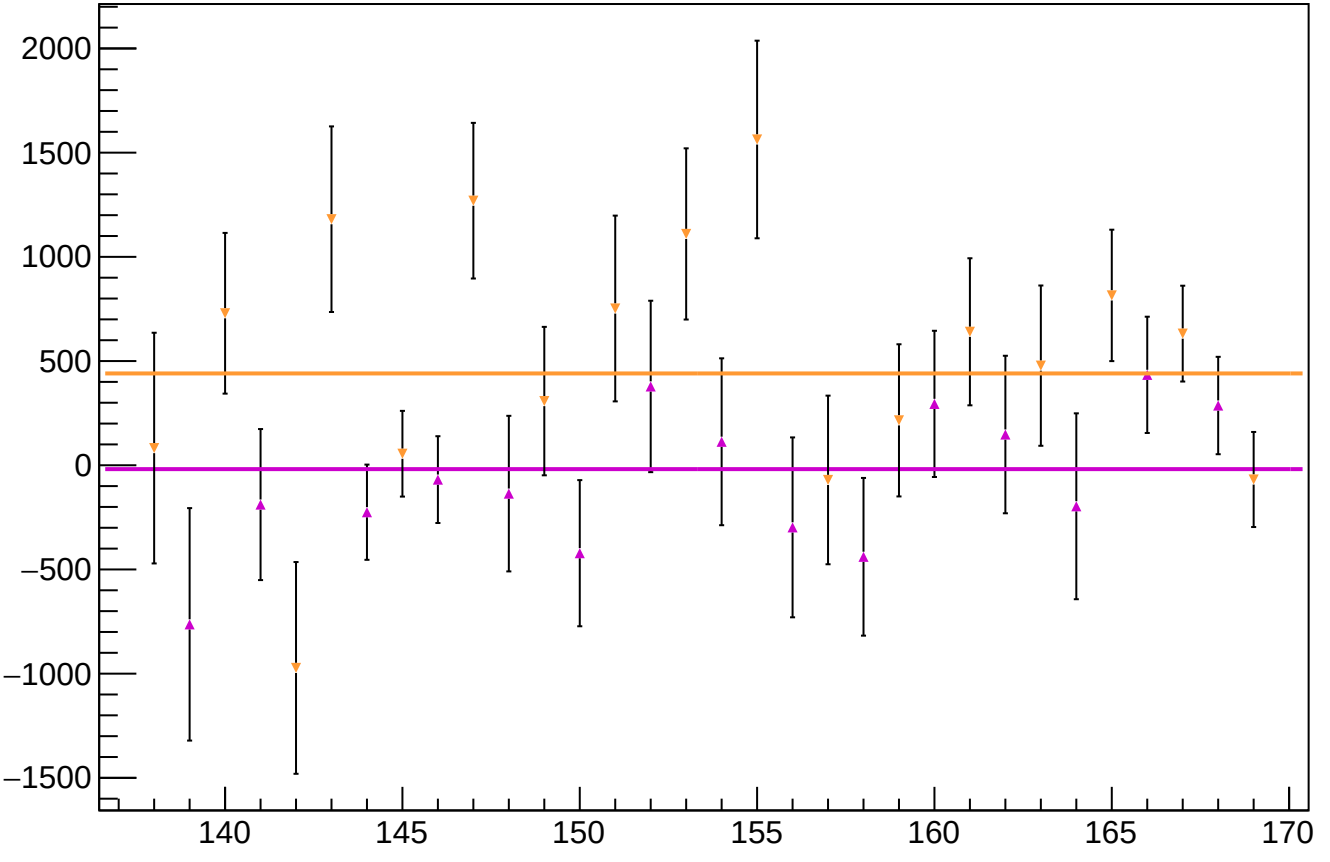
In: -25.974+/-82.373 χ^2/NDF:11.1/14

Out: -460.133+/-80.291 χ^2/NDF:39.4/16

All: -248.610+/-57.497 χ^2/NDF: 64.7/31


asym_sam_37_dd_correction_rms vs Slug, Sign Corrected
500
450
400
350
300
250
200
140
145
150
155
160
165
170
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 272.316+/-0.057 χ²/NDF:2176624.4/16
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 270.426+/-0.058 χ²/NDF:1875869.2/14
Left: 271.395+/-0.041 χ²/NDF: 4053033.2/31
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 270.426+/-0.058 χ²/NDF:1875869.2/14
Out: 272.316+/-0.057 χ²/NDF:2176624.4/16
All: 271.395+/-0.041 χ²/NDF: 4053033.2/31

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 440.578+/-81.756 χ^2/NDF:38.2/16

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

Left In: -18.551+/-83.283 χ^2/NDF:12.5/14

Left: 215.261+/-58.343 χ^2/NDF: 66.1/31

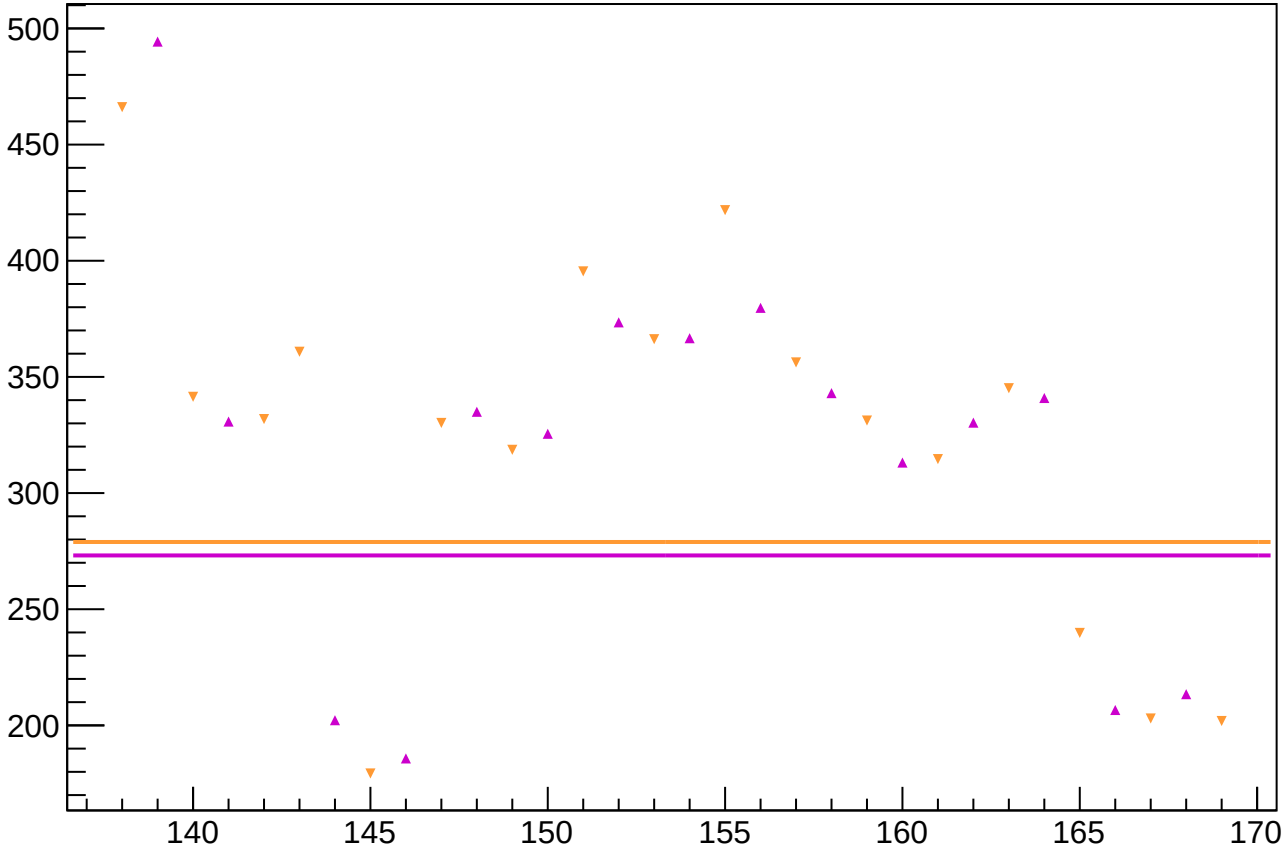
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.551+/-83.283 χ^2/NDF:12.5/14

Out: 440.578+/-81.756 χ^2/NDF:38.2/16

All: 215.261+/-58.343 χ^2/NDF: 66.1/31

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 278.946+/-0.058 χ^2/NDF:1981977.0/16

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

Left In: 273.154+/-0.059 χ^2/NDF:1789930.7/14

Left: 276.104+/-0.041 χ^2/NDF: 3776832.4/31

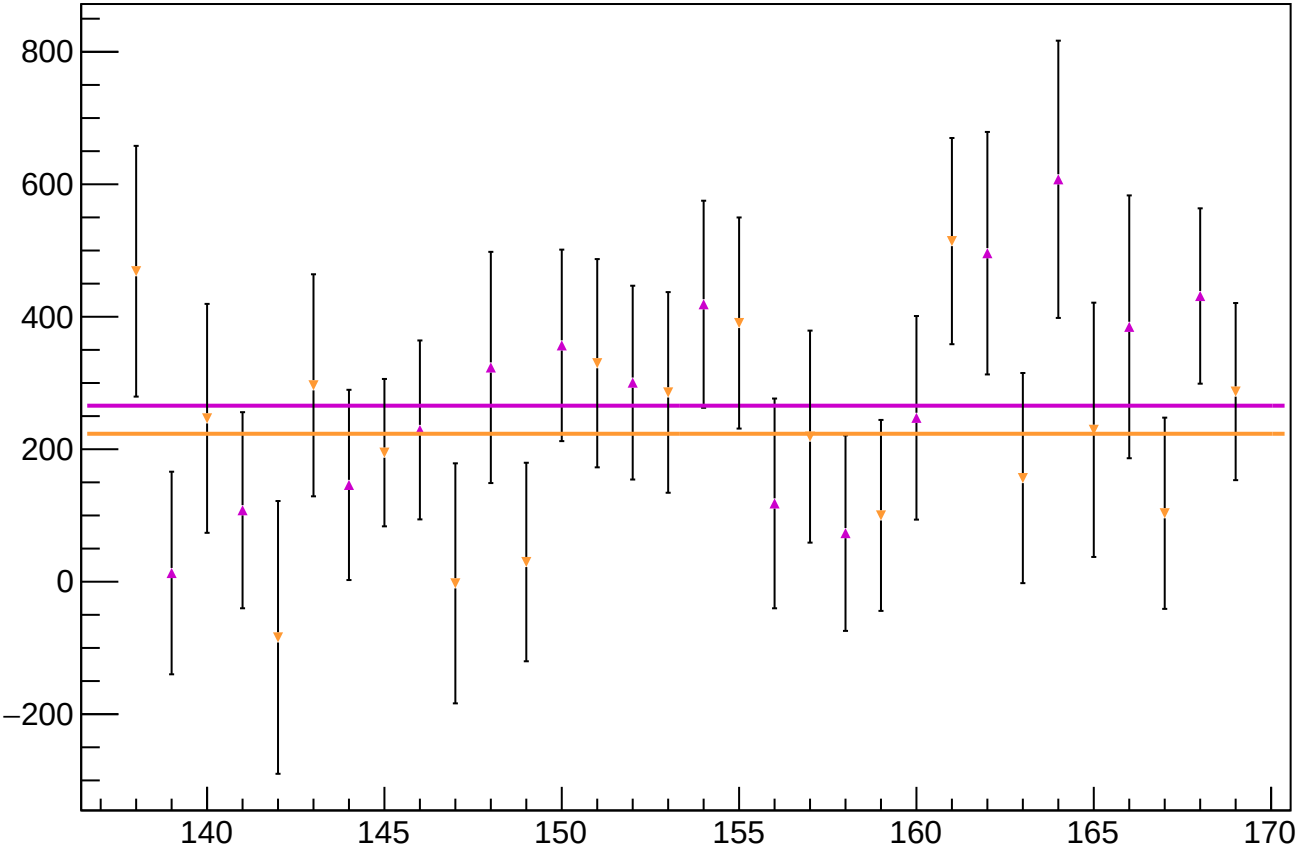
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 273.154+/-0.059 χ^2/NDF:1789930.7/14

Out: 278.946+/-0.058 χ^2/NDF:1981977.0/16

All: 276.104+/-0.041 χ^2/NDF: 3776832.4/31

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 223.358+/-37.824 χ^2/NDF:14.5/16

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

Left In: 265.744+/-40.055 χ^2/NDF:14.9/14

Left: 243.338+/-27.501 χ^2/NDF: 30.0/31

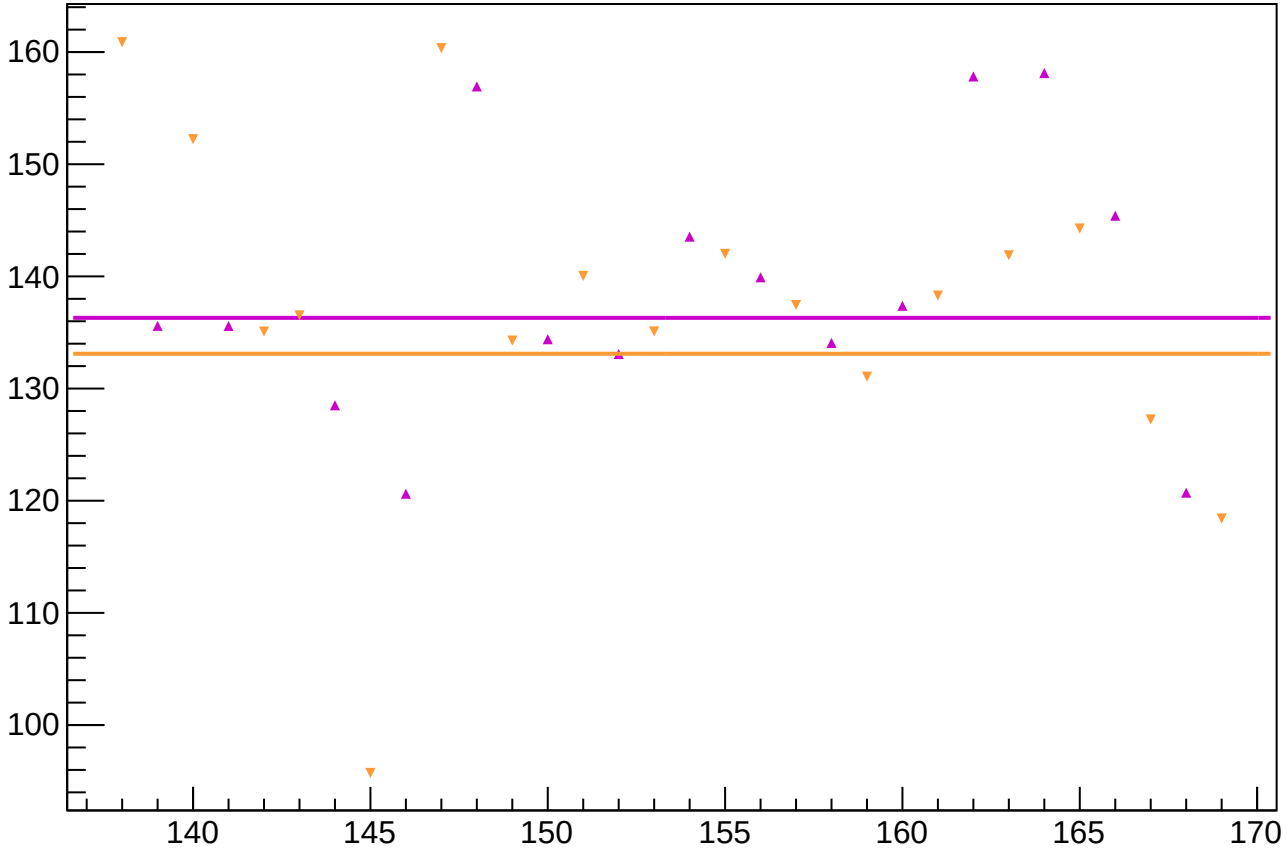
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 265.744+/-40.055 χ^2/NDF:14.9/14

Out: 223.358+/-37.824 χ^2/NDF:14.5/16

All: 243.338+/-27.501 χ^2/NDF: 30.0/31

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 133.103+/-0.027 χ^2/NDF:394482.4/16

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

Left In: 136.304+/-0.028 χ^2/NDF:149440.9/14

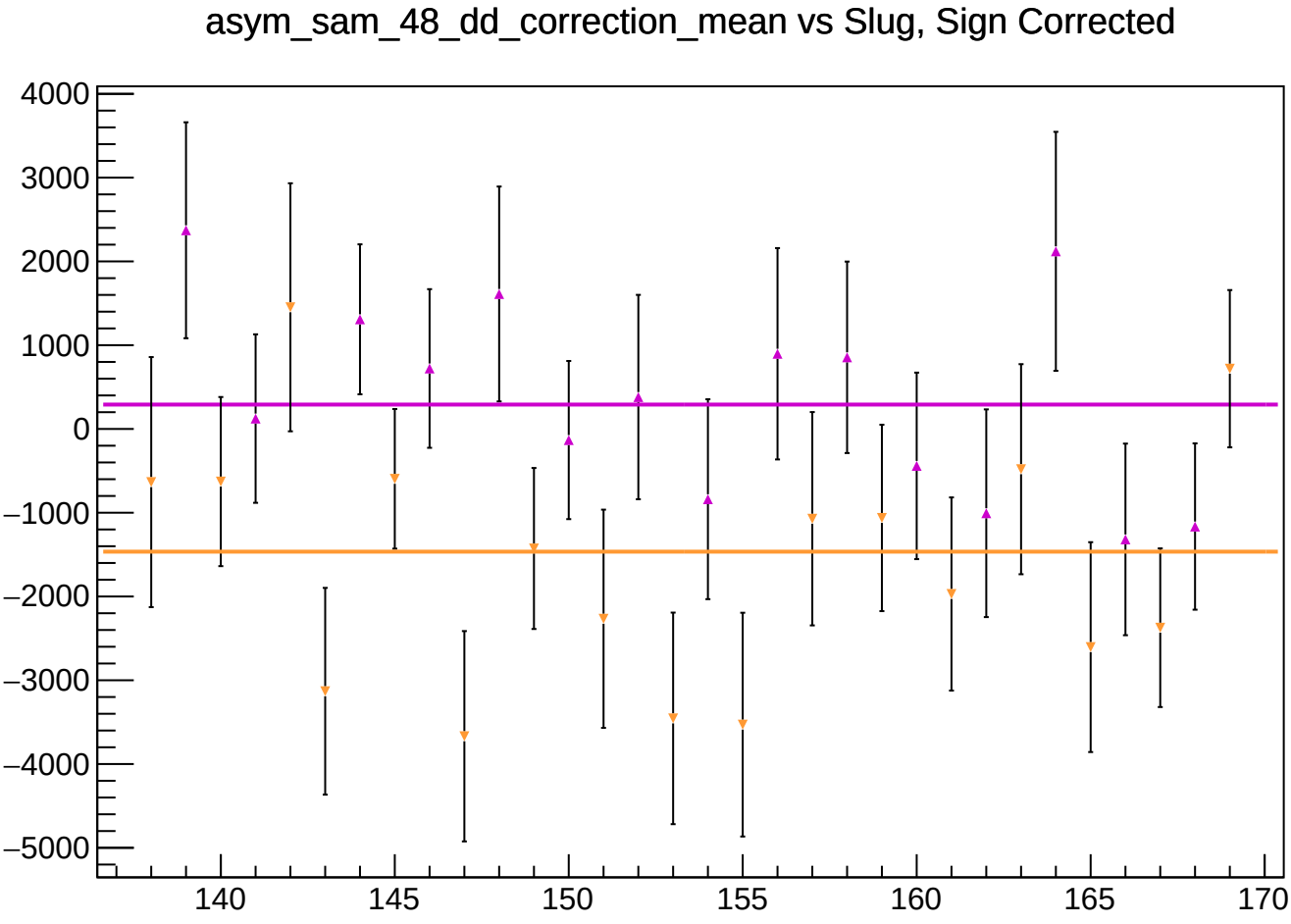
Left: 134.612+/-0.019 χ^2/NDF: 550678.5/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 136.304+/-0.028 χ^2/NDF:149440.9/14

Out: 133.103+/-0.027 χ^2/NDF:394482.4/16

All: 134.612+/-0.019 χ^2/NDF: 550678.5/31



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

Left Out: -1464.880+/-275.474 χ^2/NDF:24.3/16

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

Left In: 291.034+/-286.513 χ^2/NDF:14.1/14

Left: -621.399+/-198.577 χ^2/NDF: 57.9/31

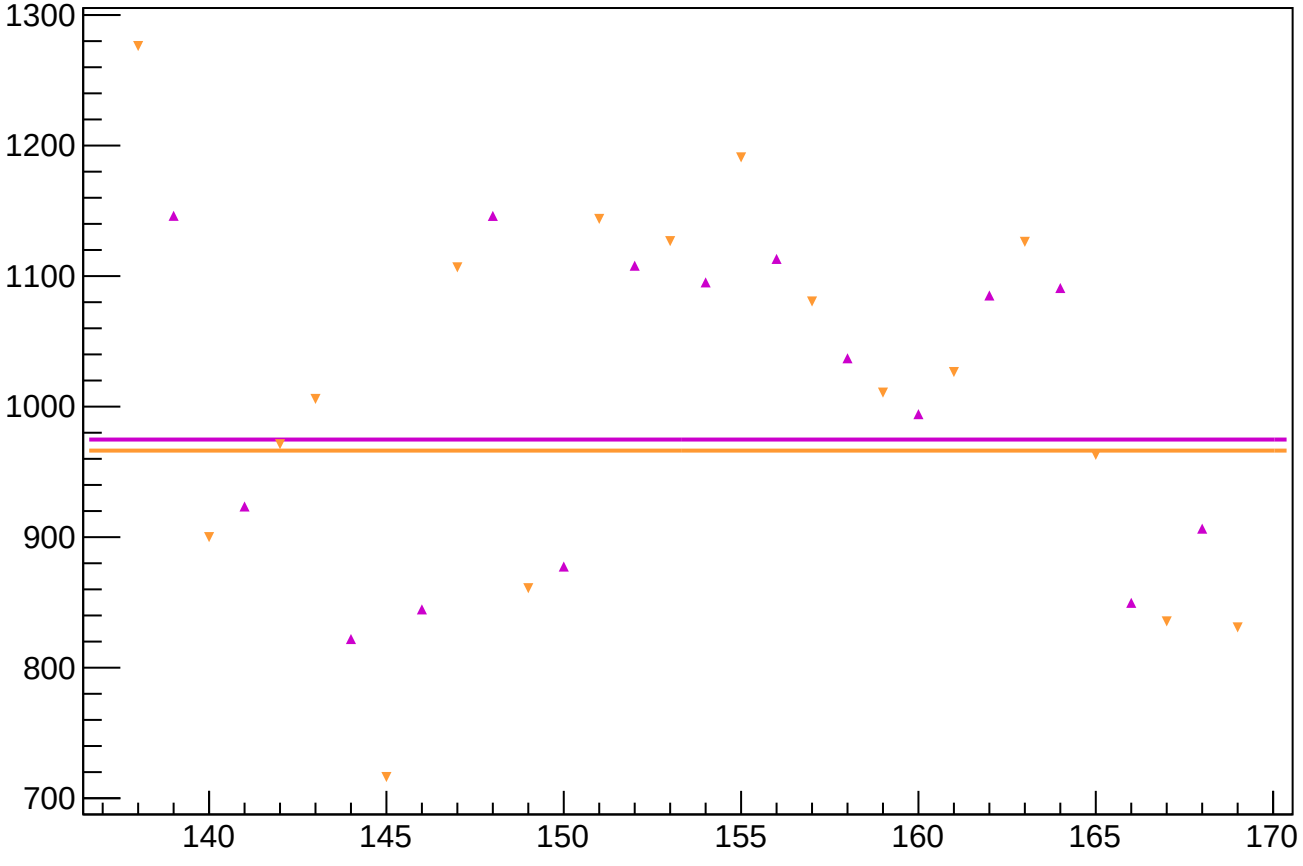
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 291.034+/-286.513 χ^2/NDF:14.1/14

Out: -1464.880+/-275.474 χ^2/NDF:24.3/16

All: -621.399+/-198.577 χ^2/NDF: 57.9/31

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 966.309+/-0.195 χ^2/NDF:589208.5/16

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

Left In: 974.778+/-0.203 χ^2/NDF:330874.9/14

Left: 970.377+/-0.140 χ^2/NDF: 920991.4/31

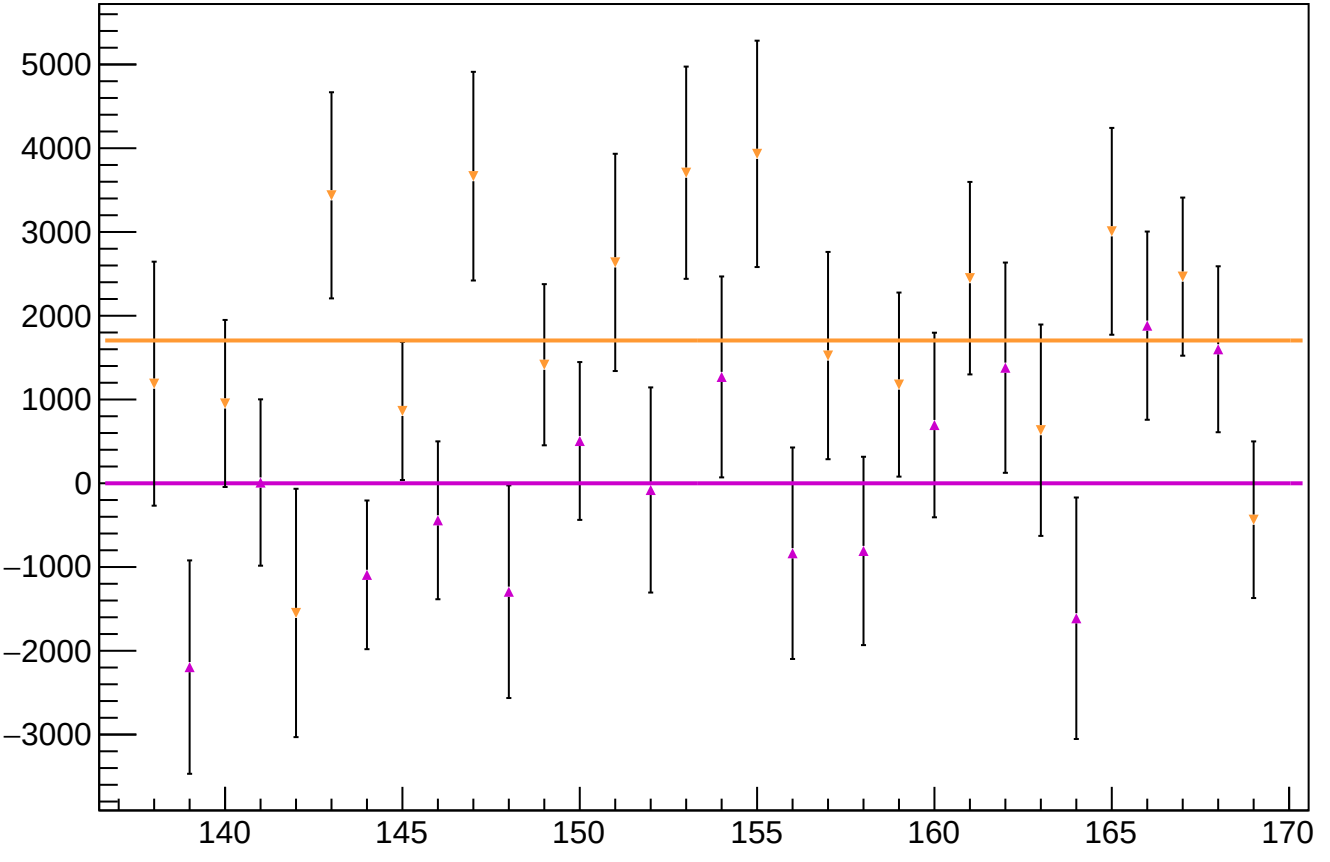
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 974.778+/-0.203 χ^2/NDF:330874.9/14

Out: 966.309+/-0.195 χ^2/NDF:589208.5/16

All: 970.377+/-0.140 χ^2/NDF: 920991.4/31

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1704.674+/-273.769 χ^2/NDF:25.2/16

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

Left In: -0.354+/-285.094 χ^2/NDF:16.4/14

Left: 886.698+/-197.466 χ^2/NDF: 60.2/31

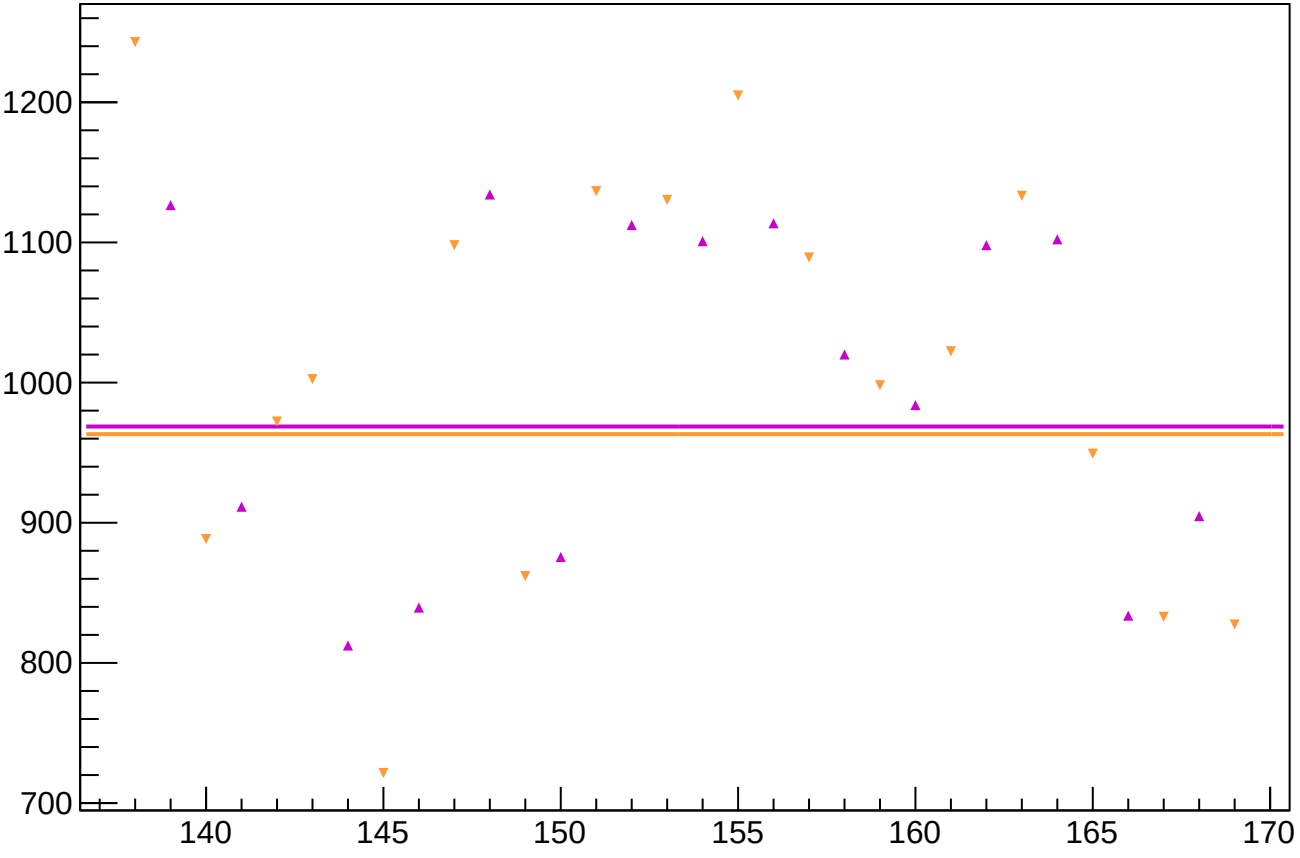
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.354+/-285.094 χ^2/NDF:16.4/14

Out: 1704.674+/-273.769 χ^2/NDF:25.2/16

All: 886.698+/-197.466 χ^2/NDF: 60.2/31

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 963.207+/-0.194 χ^2/NDF:584107.1/16

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

Left In: 968.654+/-0.202 χ^2/NDF:348891.4/14

Left: 965.820+/-0.140 χ^2/NDF: 933378.3/31

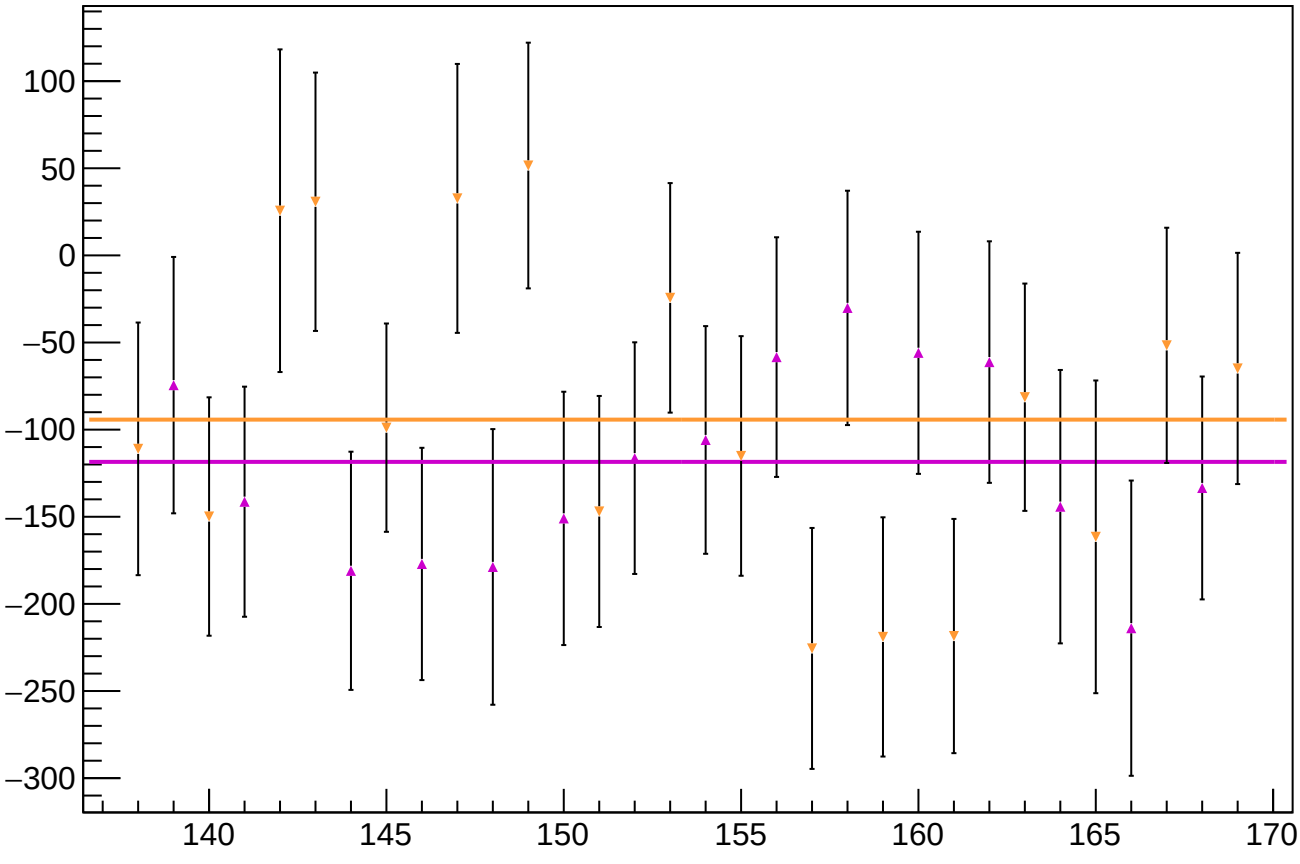
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 968.654+/-0.202 χ^2/NDF:348891.4/14

Out: 963.207+/-0.194 χ^2/NDF:584107.1/16

All: 965.820+/-0.140 χ^2/NDF: 933378.3/31

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: -94.252+/-16.977 χ^2/NDF:25.6/16

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

Left In: -118.501+/-18.086 χ^2/NDF:8.3/14

Left: -105.610+/-12.378 χ^2/NDF: 34.9/31

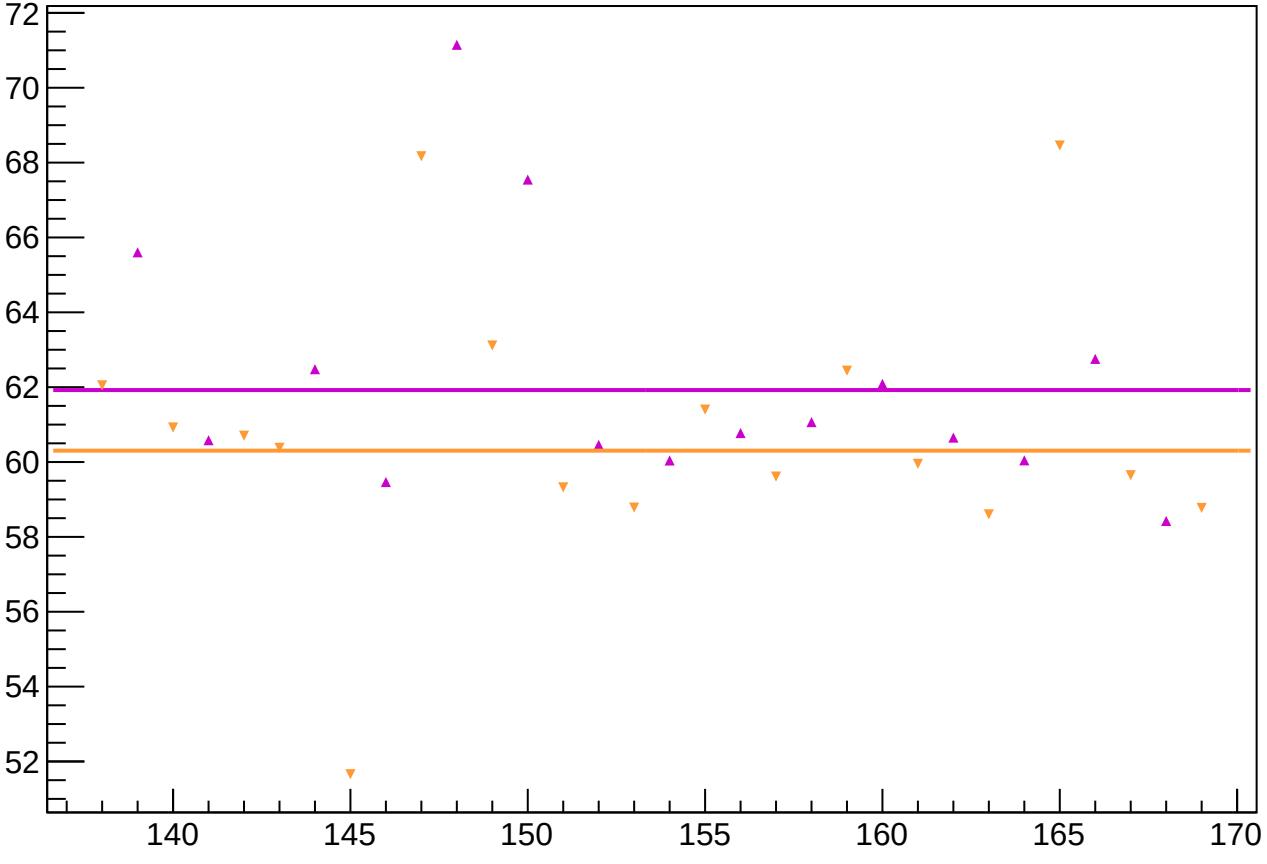
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -118.501+/-18.086 χ^2/NDF:8.3/14

Out: -94.252+/-16.977 χ^2/NDF:25.6/16

All: -105.610+/-12.378 χ^2/NDF: 34.9/31

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: 60.304+/-0.012 χ^2/NDF:90478.6/16

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

Left In: 61.923+/-0.013 χ^2/NDF:59371.9/14

Left: 61.063+/-0.009 χ^2/NDF: 158366.2/31

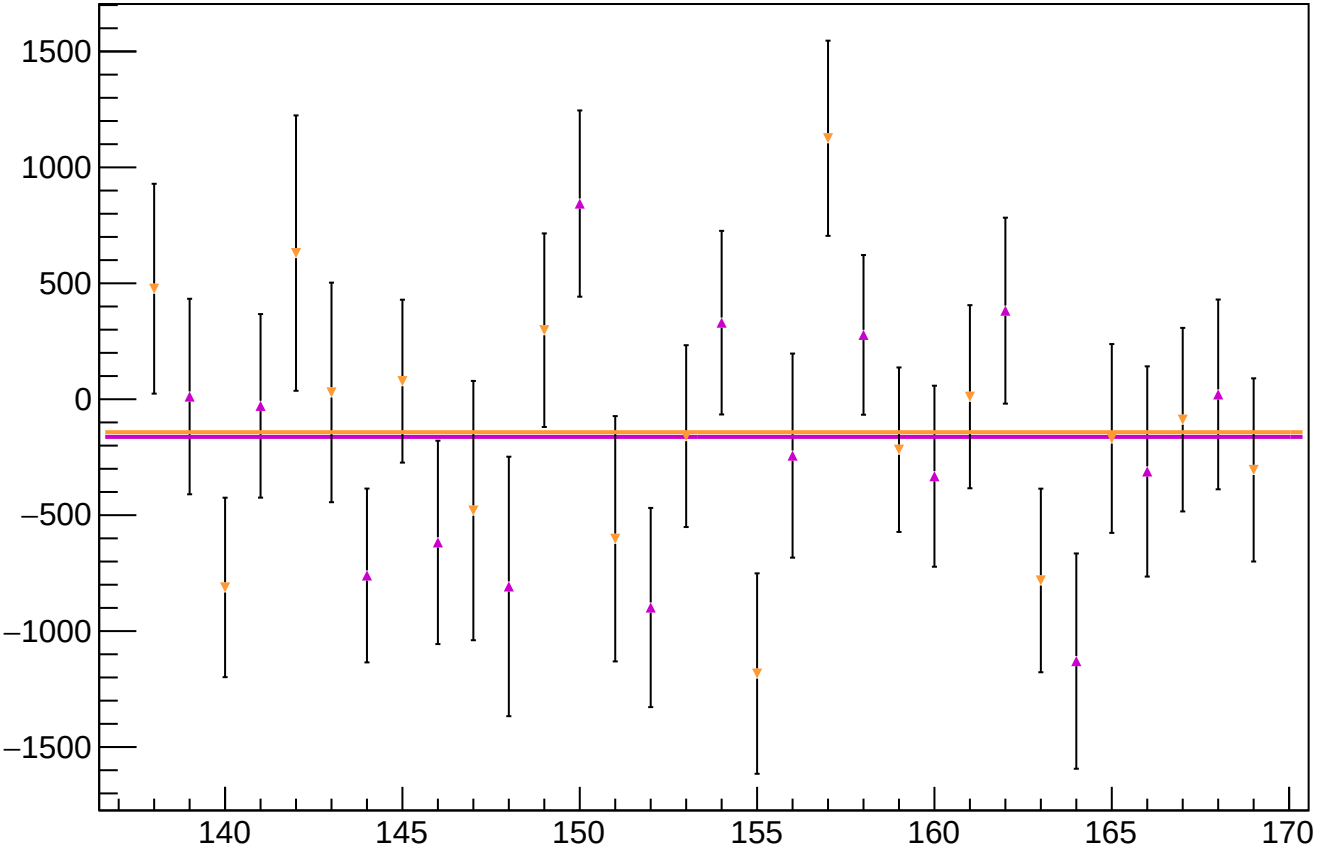
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.923+/-0.013 χ^2/NDF:59371.9/14

Out: 60.304+/-0.012 χ^2/NDF:90478.6/16

All: 61.063+/-0.009 χ^2/NDF: 158366.2/31

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: -142.084+/-101.782 χ^2/NDF:27.2/16

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

Left In: -162.445+/-106.989 χ^2/NDF:24.3/14

Left: -151.757+/-73.743 χ^2/NDF: 51.5/31

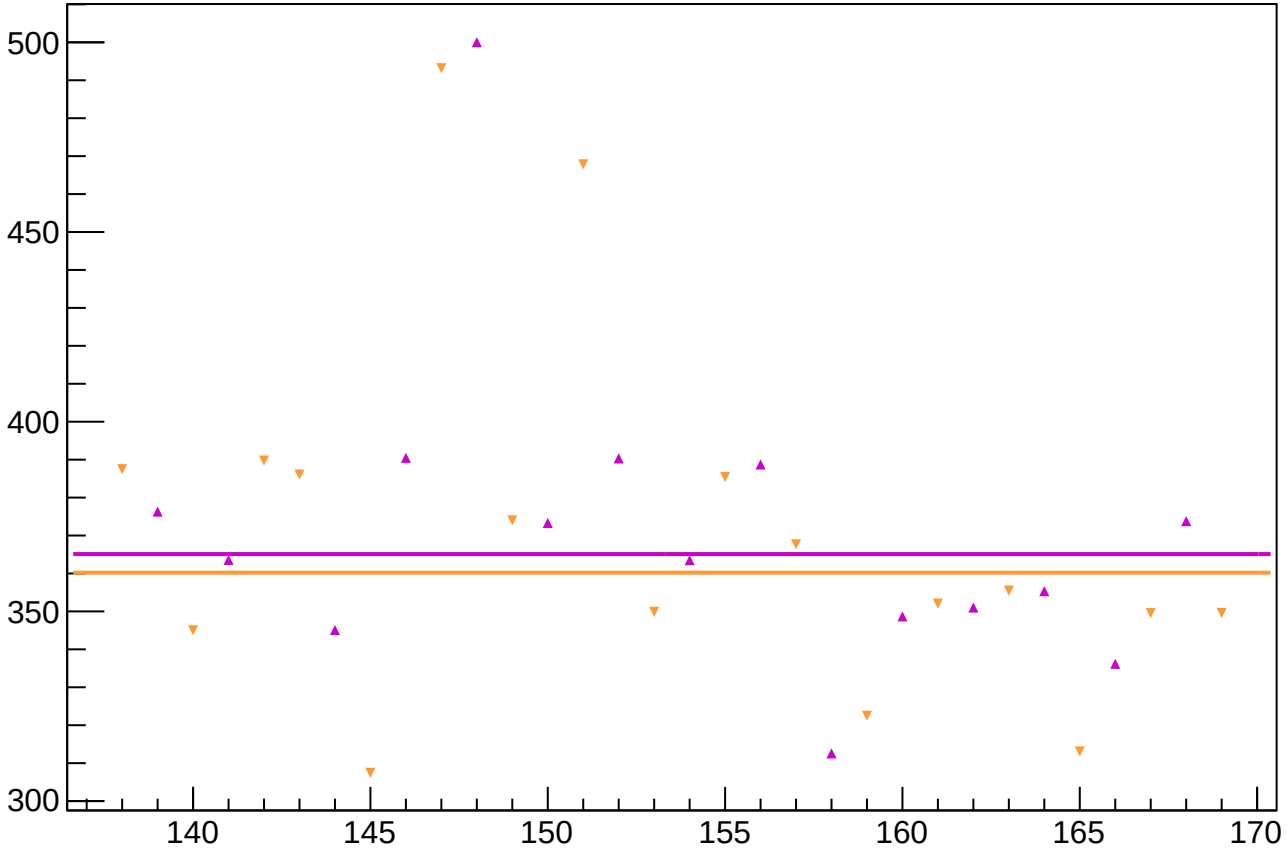
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -162.445+/-106.989 χ^2/NDF:24.3/14

Out: -142.084+/-101.782 χ^2/NDF:27.2/16

All: -151.757+/-73.743 χ^2/NDF: 51.5/31

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: 360.202+/-0.072 χ^2/NDF:326656.0/16

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

Left In: 365.111+/-0.076 χ^2/NDF:206120.3/14

Left: 362.534+/-0.052 χ^2/NDF: 534986.9/31

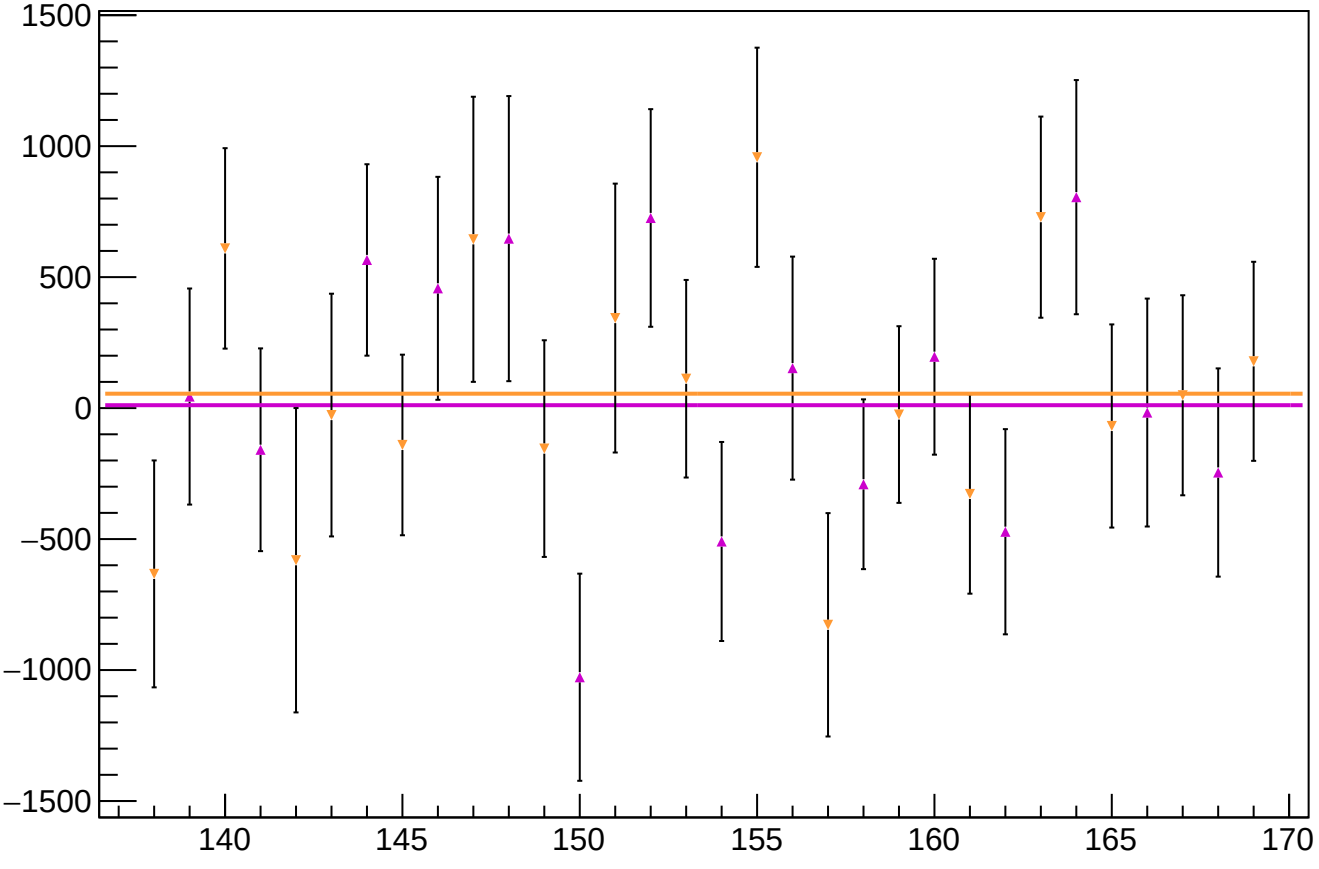
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 365.111+/-0.076 χ^2/NDF:206120.3/14

Out: 360.202+/-0.072 χ^2/NDF:326656.0/16

All: 362.534+/-0.052 χ^2/NDF: 534986.9/31

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: 54.993+/-98.834 χ^2/NDF:21.2/16

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

Left In: 11.070+/-103.479 χ^2/NDF:23.0/14

Left: 34.039+/-71.472 χ^2/NDF: 44.4/31

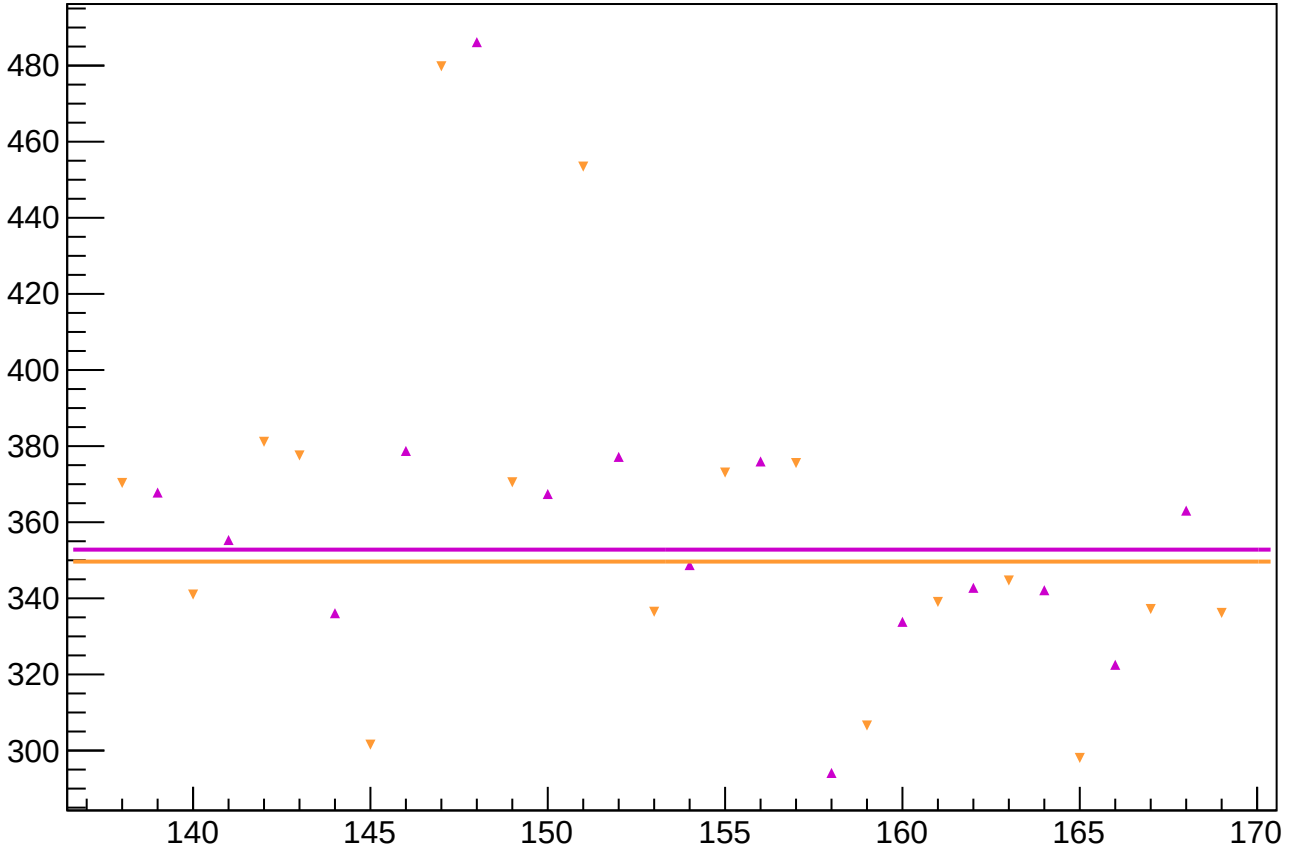
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.070+/-103.479 χ^2/NDF:23.0/14

Out: 54.993+/-98.834 χ^2/NDF:21.2/16

All: 34.039+/-71.472 χ^2/NDF: 44.4/31

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 349.657+/-0.070 χ^2/NDF:349565.8/16

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

Left In: 352.799+/-0.073 χ^2/NDF:234408.7/14

Left: 351.155+/-0.051 χ^2/NDF: 584938.7/31

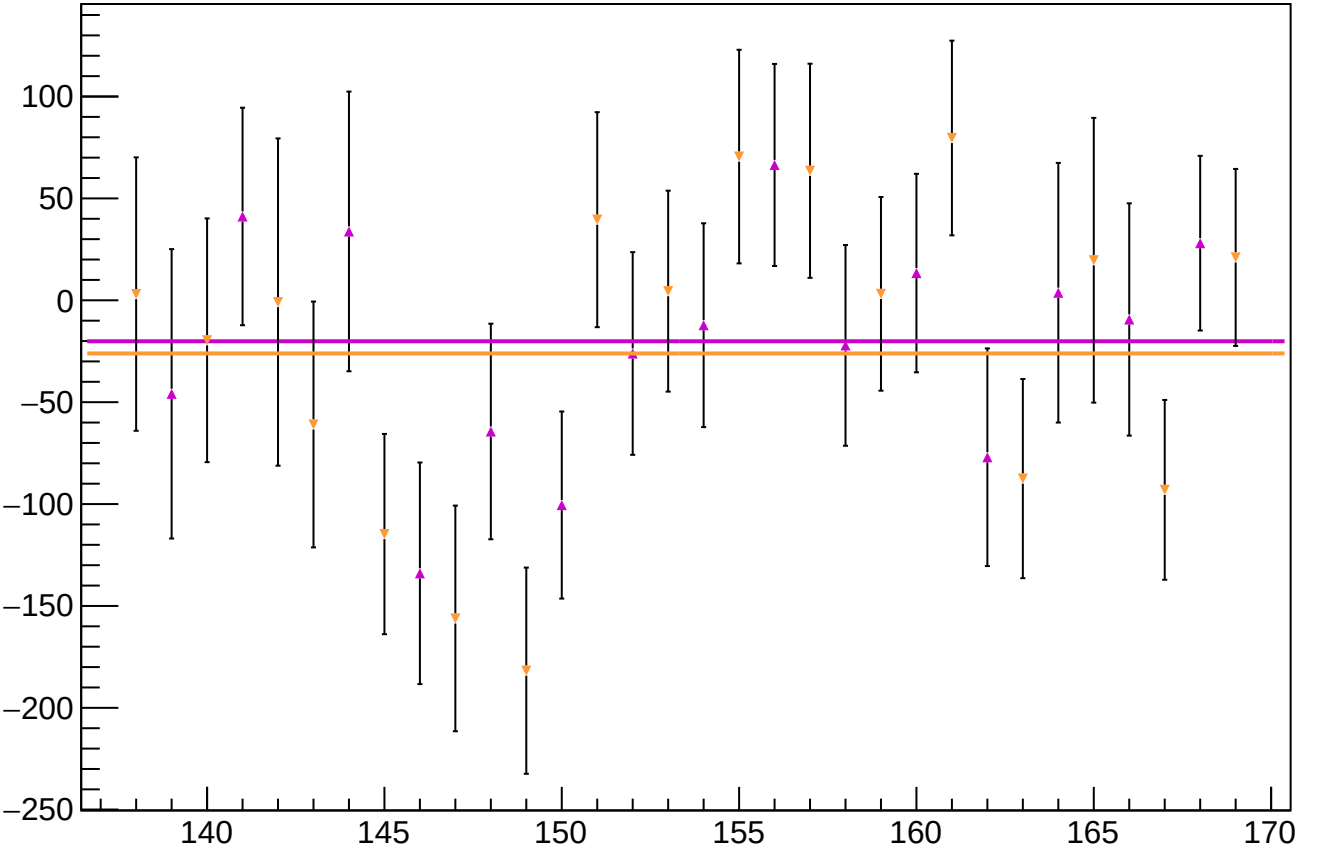
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 352.799+/-0.073 χ^2/NDF:234408.7/14

Out: 349.657+/-0.070 χ^2/NDF:349565.8/16

All: 351.155+/-0.051 χ^2/NDF: 584938.7/31

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: -26.083+/-12.795 χ^2/NDF:37.9/16

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

Left In: -20.109+/-13.576 χ^2/NDF:16.3/14

Left: -23.272+/-9.311 χ^2/NDF: 54.3/31

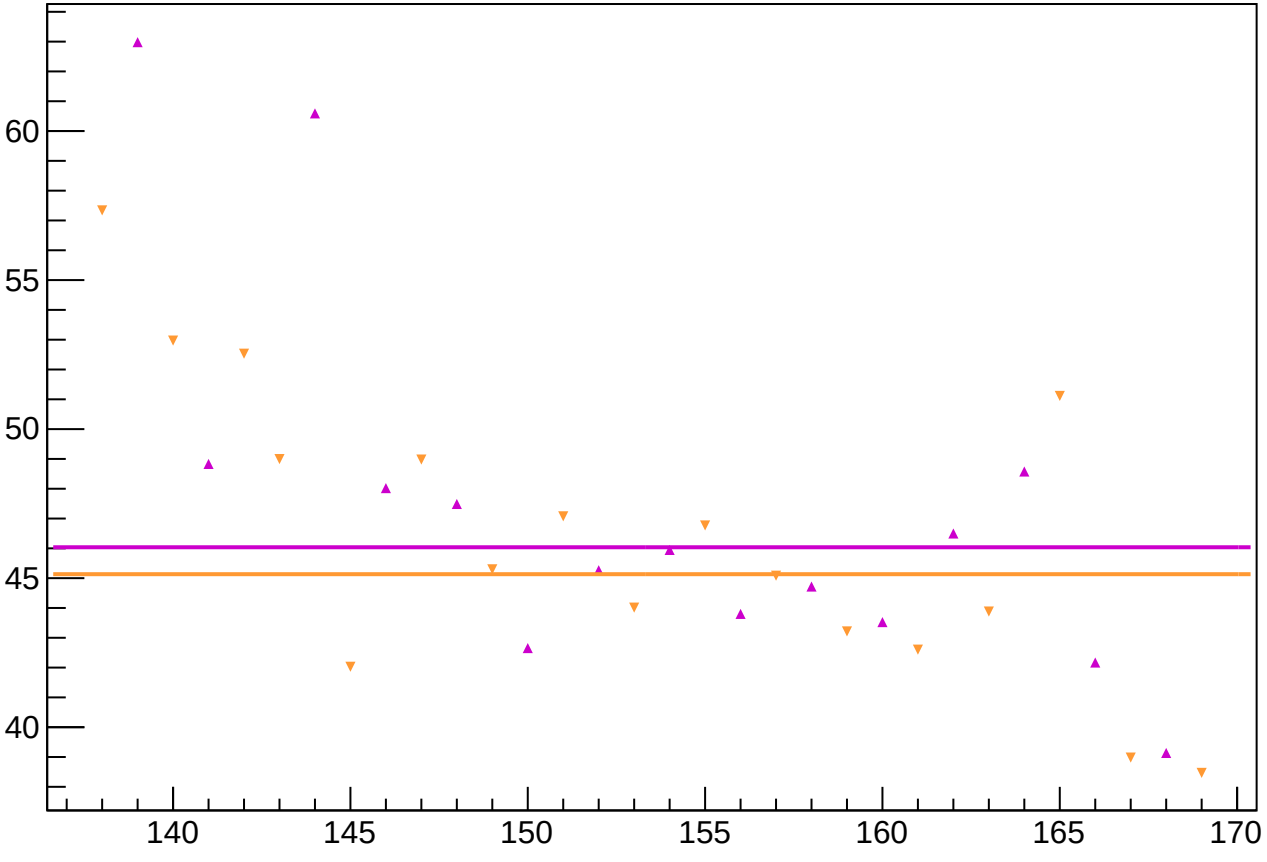
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.109+/-13.576 χ^2/NDF:16.3/14

Out: -26.083+/-12.795 χ^2/NDF:37.9/16

All: -23.272+/-9.311 χ^2/NDF: 54.3/31

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: 45.133+/-0.009 χ^2/NDF:259898.1/16

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

Left In: 46.037+/-0.010 χ^2/NDF:300047.9/14

Left: 45.558+/-0.007 χ^2/NDF: 564636.3/31

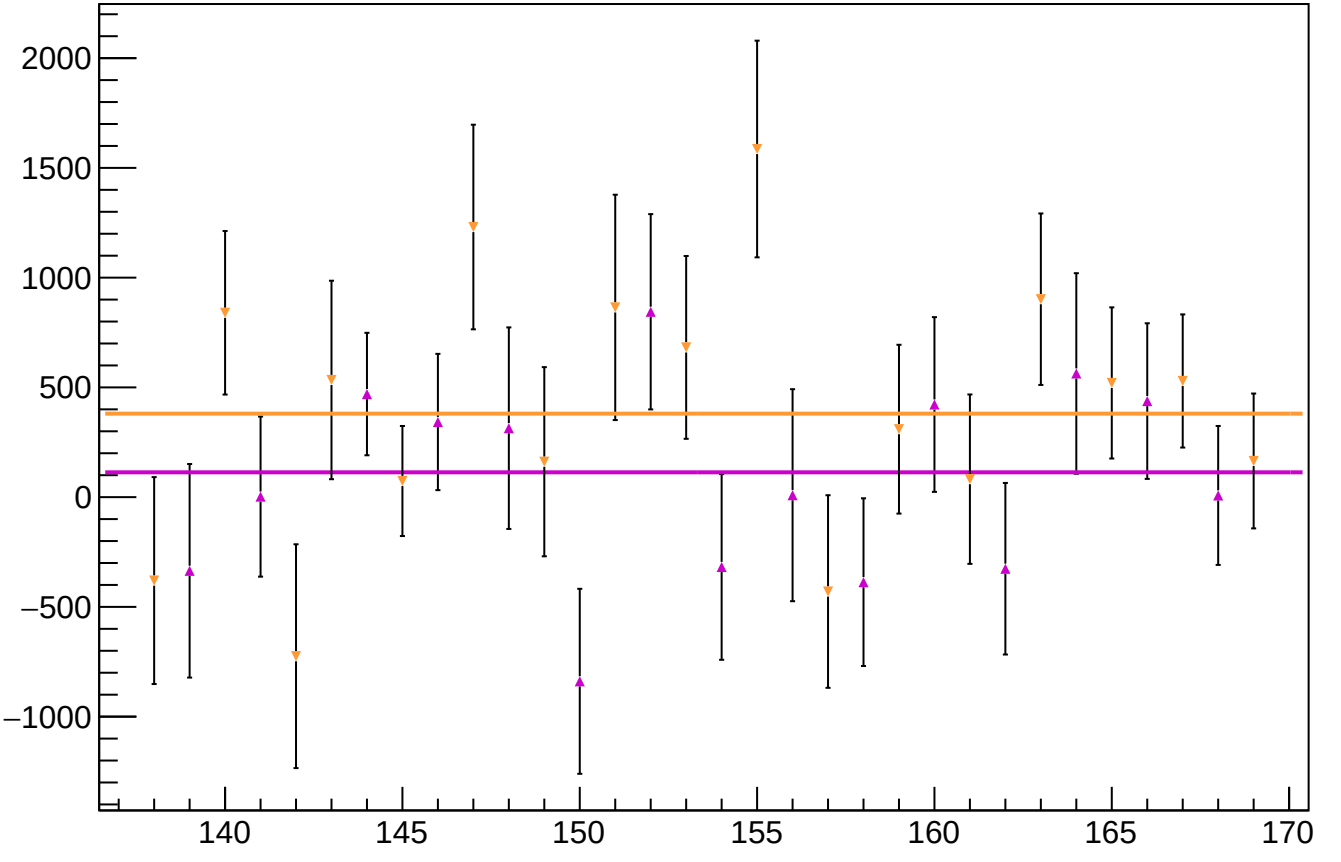
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 46.037+/-0.010 χ^2/NDF:300047.9/14

Out: 45.133+/-0.009 χ^2/NDF:259898.1/16

All: 45.558+/-0.007 χ^2/NDF: 564636.3/31

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: 380.407+/-93.193 χ^2/NDF:28.1/16

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

Left In: 113.106+/-98.666 χ^2/NDF:17.7/14

Left: 254.375+/-67.750 χ^2/NDF: 49.7/31

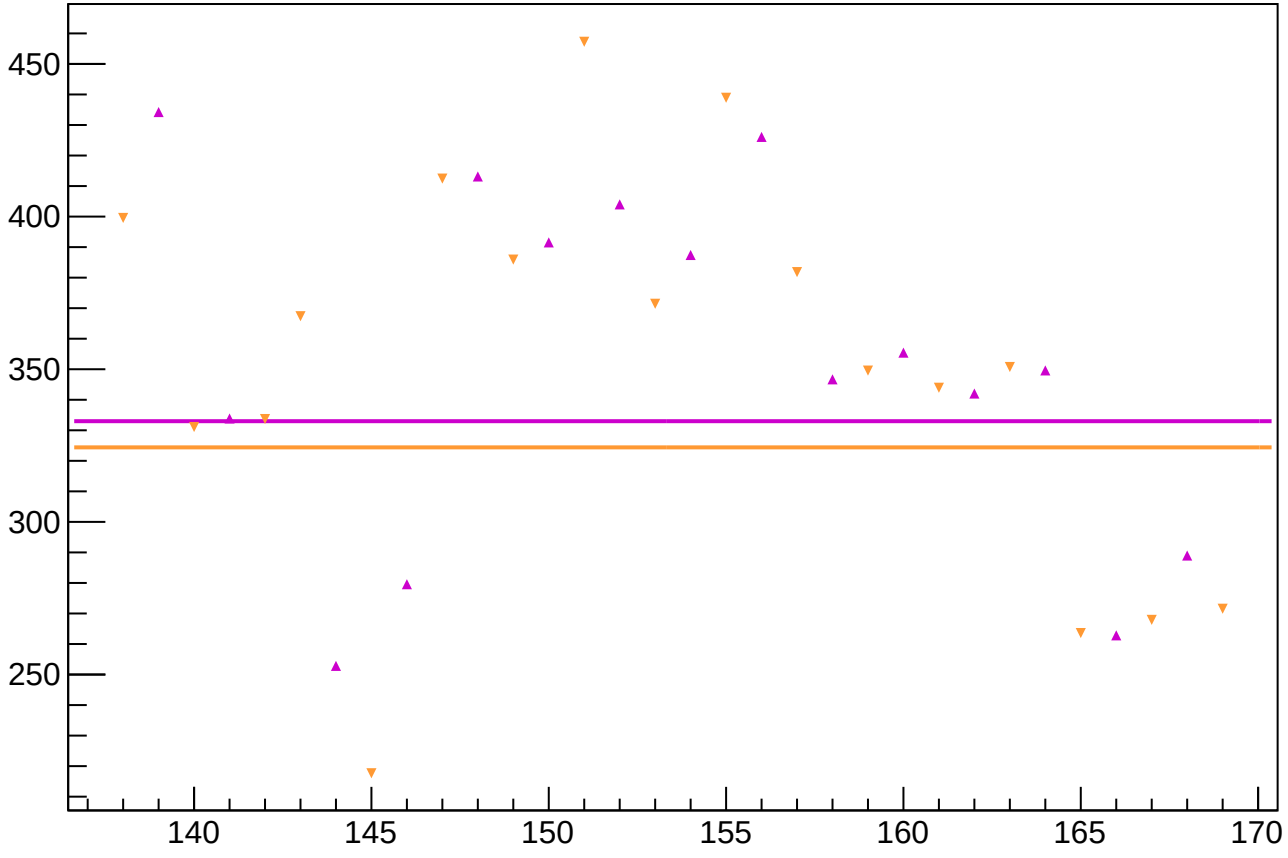
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 113.106+/-98.666 χ^2/NDF:17.7/14

Out: 380.407+/-93.193 χ^2/NDF:28.1/16

All: 254.375+/-67.750 χ^2/NDF: 49.7/31

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: 324.409+/-0.066 χ^2/NDF:1059991.0/16

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

Left In: 332.985+/-0.070 χ^2/NDF:698621.2/14

Left: 328.453+/-0.048 χ^2/NDF: 1766597.5/31

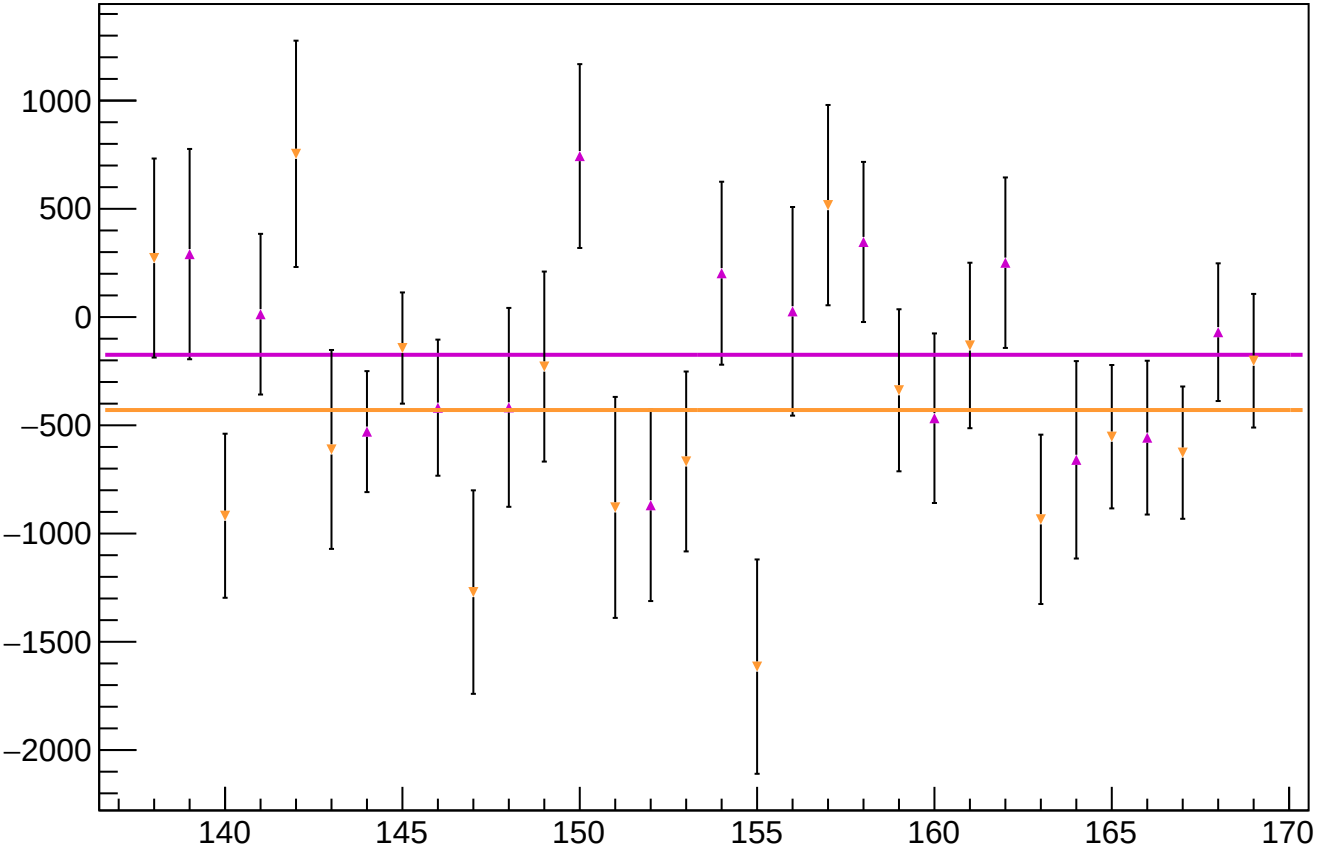
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 332.985+/-0.070 χ^2/NDF:698621.2/14

Out: 324.409+/-0.066 χ^2/NDF:1059991.0/16

All: 328.453+/-0.048 χ^2/NDF: 1766597.5/31

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -429.439+/-93.579 χ^2/NDF:28.4/16

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

Left In: -174.300+/-98.713 χ^2/NDF:17.9/14

Left: -308.678+/-67.913 χ^2/NDF: 49.8/31

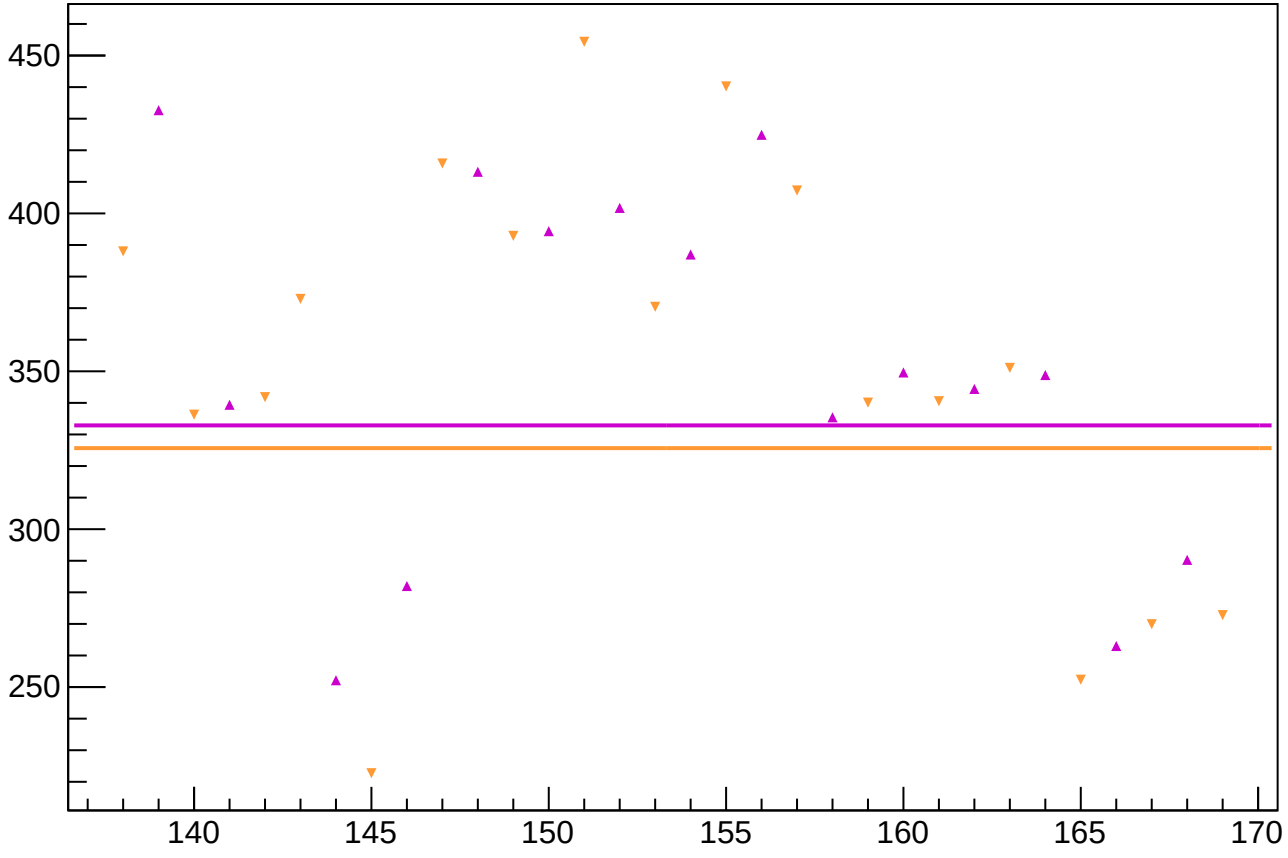
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -174.300+/-98.713 χ^2/NDF:17.9/14

Out: -429.439+/-93.579 χ^2/NDF:28.4/16

All: -308.678+/-67.913 χ^2/NDF: 49.8/31

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 325.669+/-0.066 χ^2/NDF:1060614.8/16

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

Left In: 332.868+/-0.070 χ^2/NDF:682764.0/14

Left: 329.076+/-0.048 χ^2/NDF: 1748981.1/31

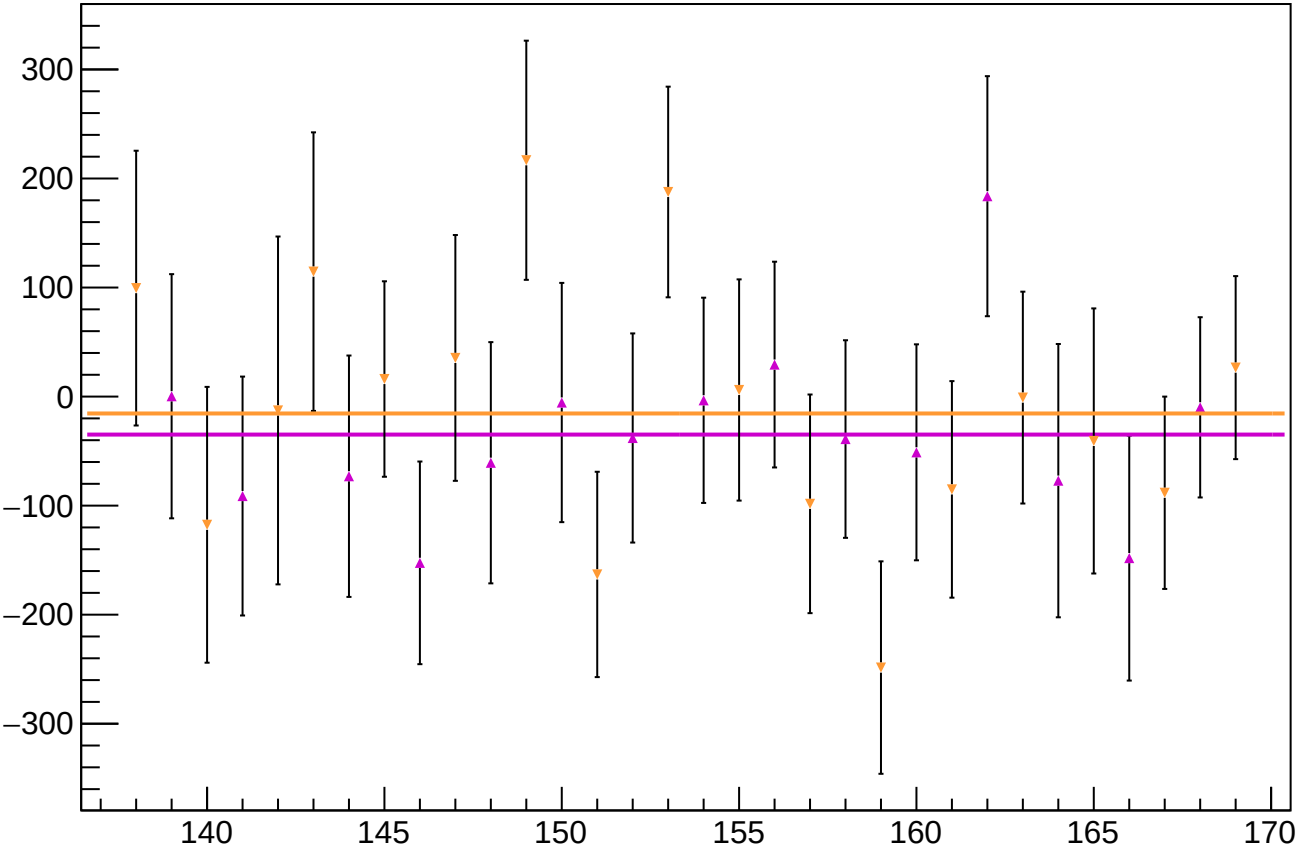
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 332.868+/-0.070 χ^2/NDF:682764.0/14

Out: 325.669+/-0.066 χ^2/NDF:1060614.8/16

All: 329.076+/-0.048 χ^2/NDF: 1748981.1/31

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: -15.490+/-25.157 χ^2/NDF:22.2/16

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

Left In: -34.845+/-26.217 χ^2/NDF:8.0/14

Left: -24.769+/-18.152 χ^2/NDF: 30.4/31

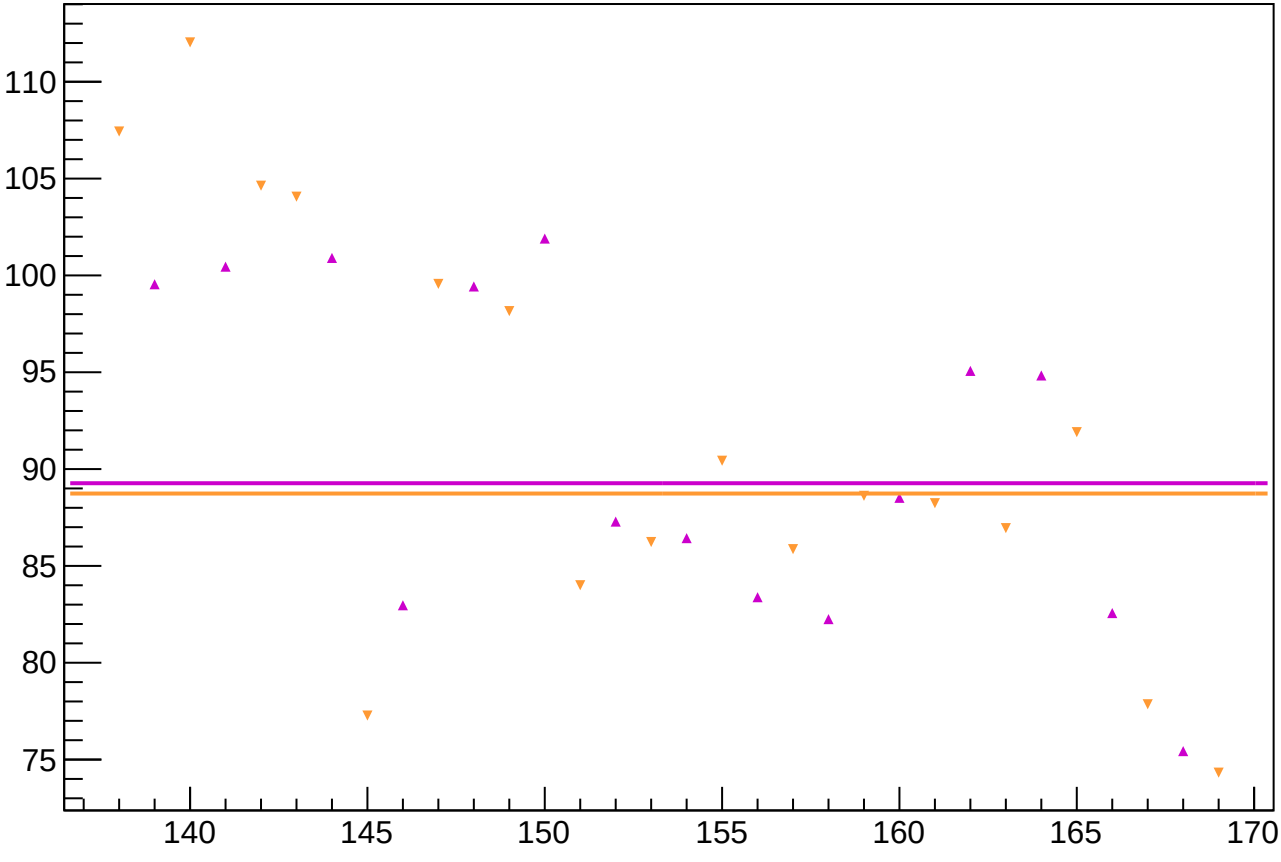
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.845+/-26.217 χ^2/NDF:8.0/14

Out: -15.490+/-25.157 χ^2/NDF:22.2/16

All: -24.769+/-18.152 χ^2/NDF: 30.4/31

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: 88.737+/-0.018 χ^2/NDF:326599.4/16

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

Left In: 89.270+/-0.019 χ^2/NDF:207578.3/14

Left: 88.992+/-0.013 χ^2/NDF: 534607.8/31

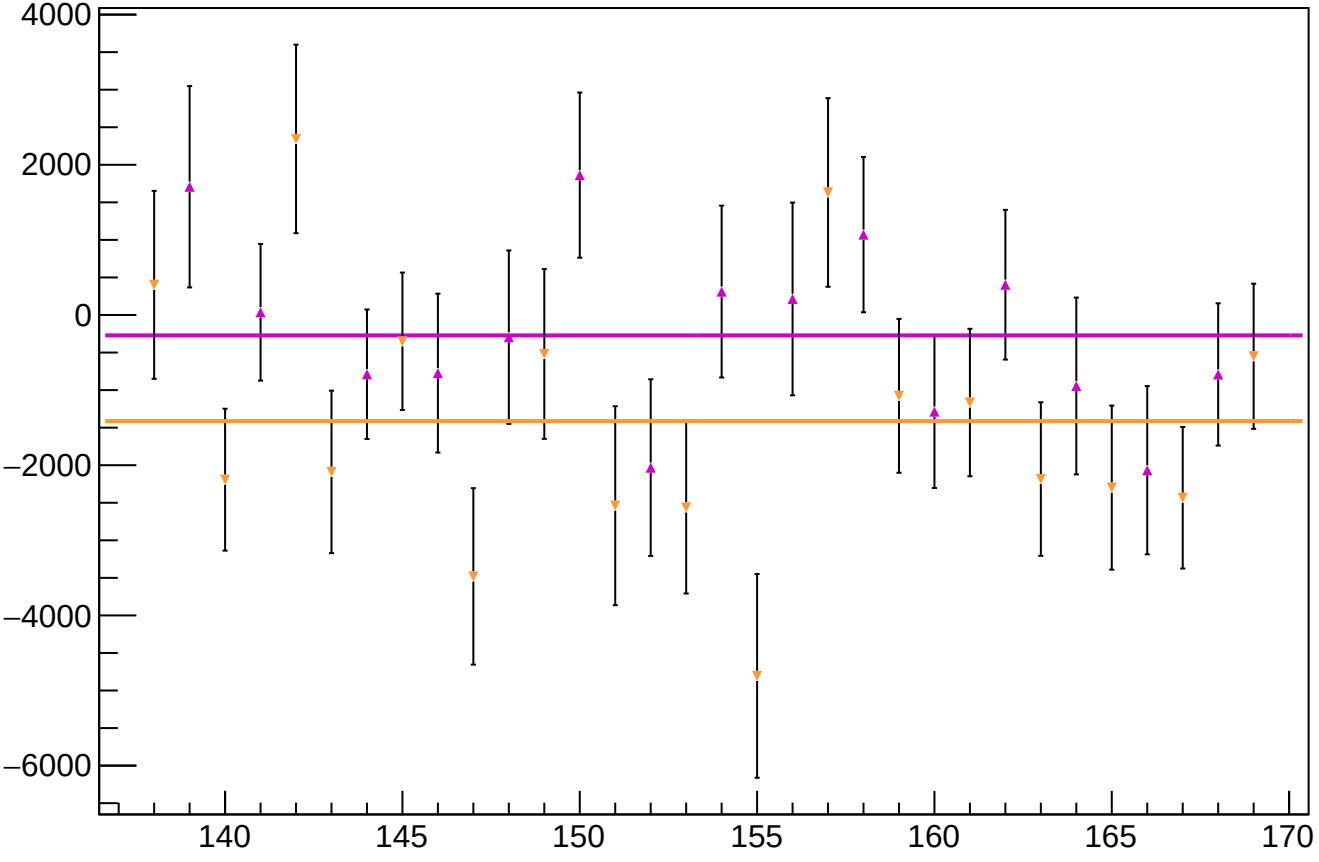
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 89.270+/-0.019 χ^2/NDF:207578.3/14

Out: 88.737+/-0.018 χ^2/NDF:326599.4/16

All: 88.992+/-0.013 χ^2/NDF: 534607.8/31

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: -1412.355+/-263.135 χ^2/NDF:34.4/16

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

Left In: -271.332+/-275.069 χ^2/NDF:15.6/14

Left: -867.131+/-190.144 χ^2/NDF: 59.0/31

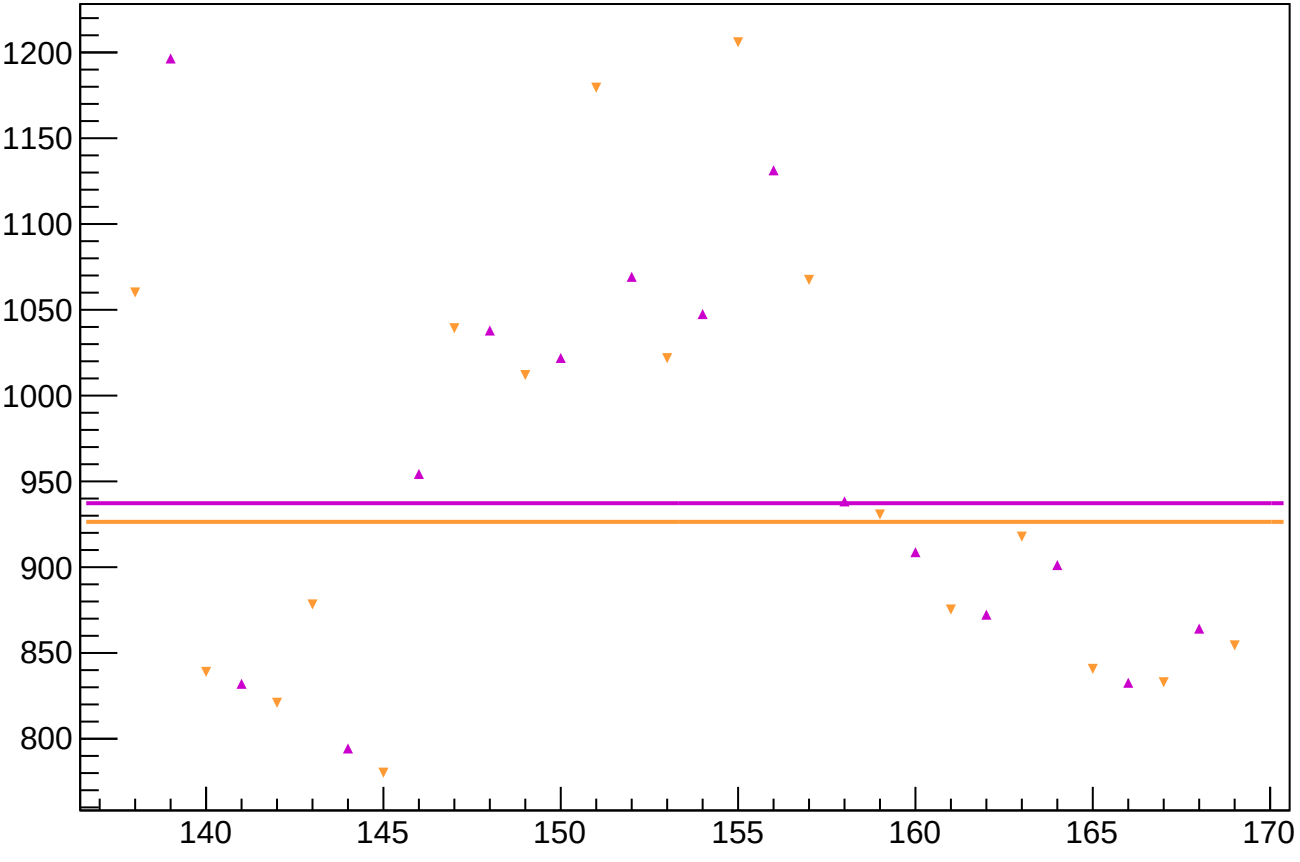
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -271.332+/-275.069 χ^2/NDF:15.6/14

Out: -1412.355+/-263.135 χ^2/NDF:34.4/16

All: -867.131+/-190.144 χ^2/NDF: 59.0/31

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: 926.419+/-0.186 χ^2/NDF:384672.3/16

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

Left In: 937.285+/-0.195 χ^2/NDF:314845.0/14

Left: 931.611+/-0.134 χ^2/NDF: 701147.1/31

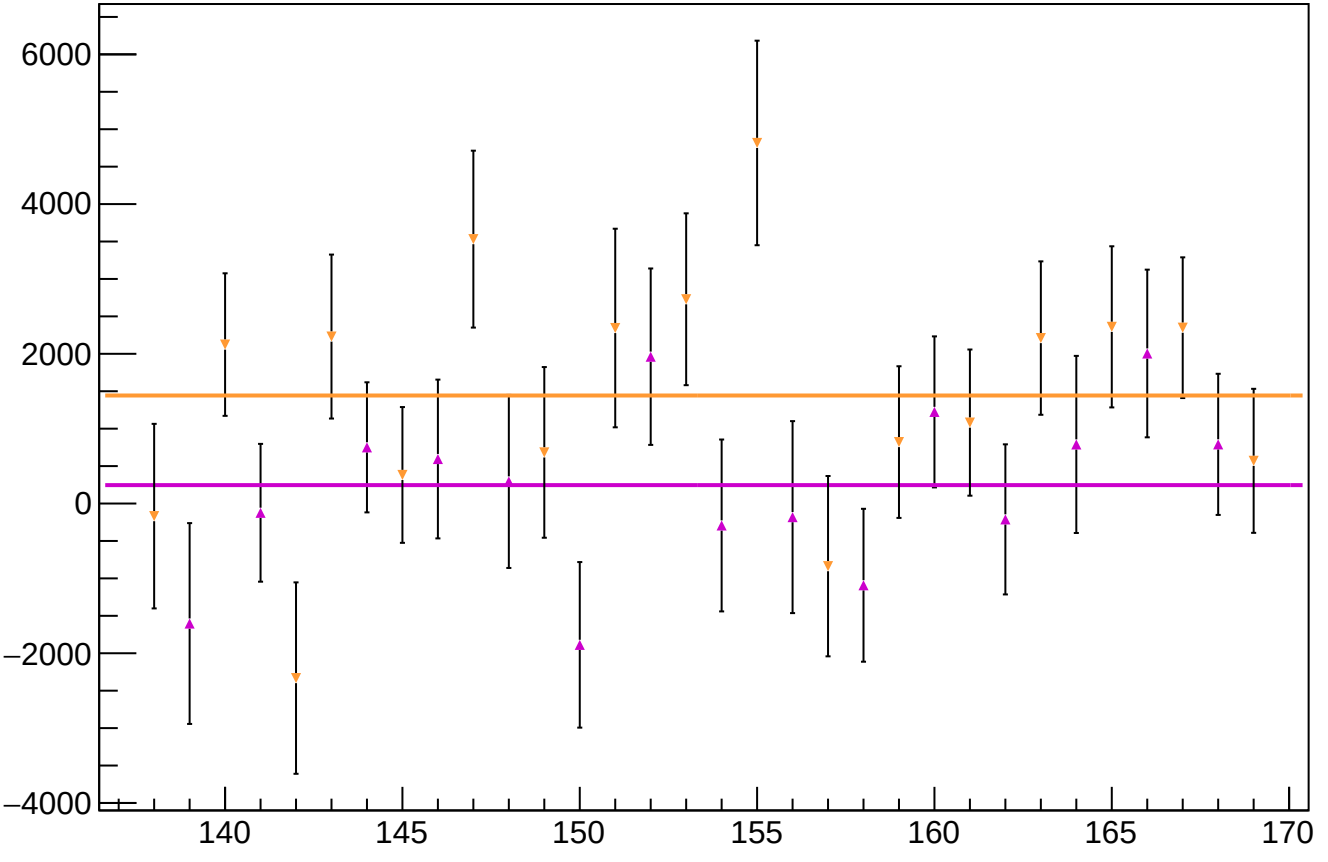
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 937.285+/-0.195 χ^2/NDF:314845.0/14

Out: 926.419+/-0.186 χ^2/NDF:384672.3/16

All: 931.611+/-0.134 χ^2/NDF: 701147.1/31

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1443.089+/-262.498 χ^2/NDF:31.3/16

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

Left In: 245.914+/-275.484 χ^2/NDF:14.6/14

Left: 873.383+/-190.039 χ^2/NDF: 55.8/31

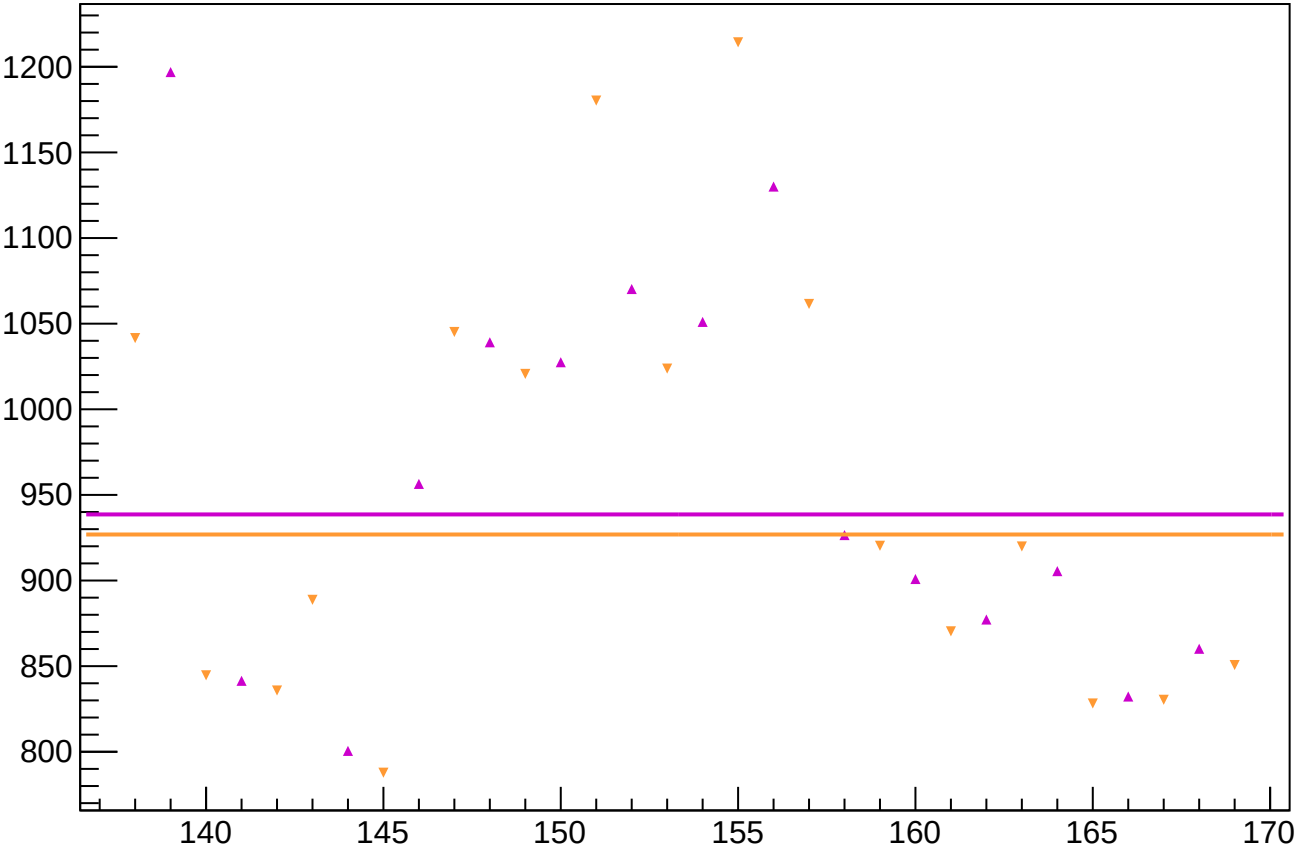
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 245.914+/-275.484 χ^2/NDF:14.6/14

Out: 1443.089+/-262.498 χ^2/NDF:31.3/16

All: 873.383+/-190.039 χ^2/NDF: 55.8/31

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 926.885+/-0.186 χ^2/NDF:383528.0/16

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

Left In: 938.602+/-0.195 χ^2/NDF:308332.4/14

Left: 932.461+/-0.134 χ^2/NDF: 693756.8/31

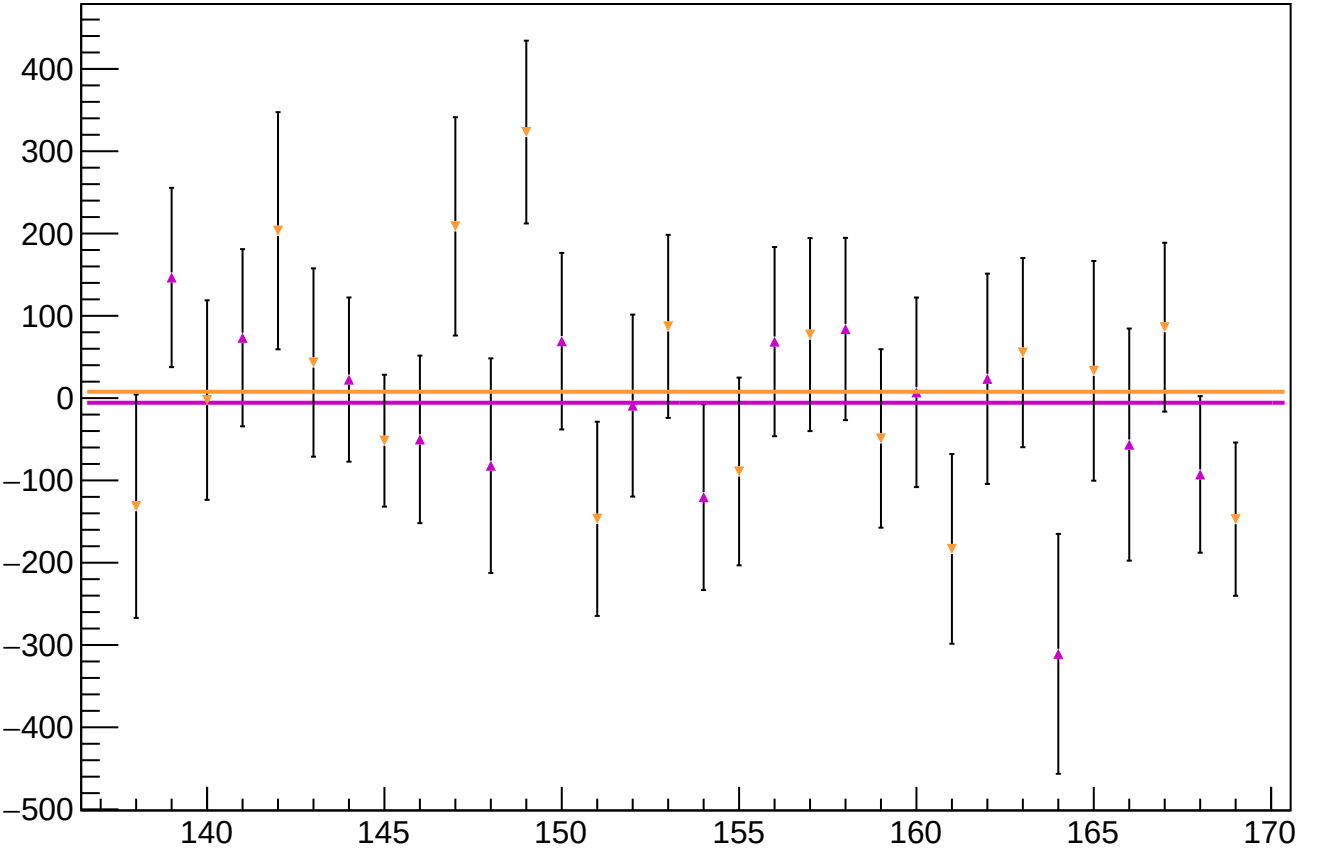
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 938.602+/-0.195 χ^2/NDF:308332.4/14

Out: 926.885+/-0.186 χ^2/NDF:383528.0/16

All: 932.461+/-0.134 χ^2/NDF: 693756.8/31

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: 7.759+/-27.266 χ^2/NDF:23.8/16

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

Left In: -5.607+/-29.170 χ^2/NDF:11.1/14

Left: 1.527+/-19.919 χ^2/NDF: 35.0/31

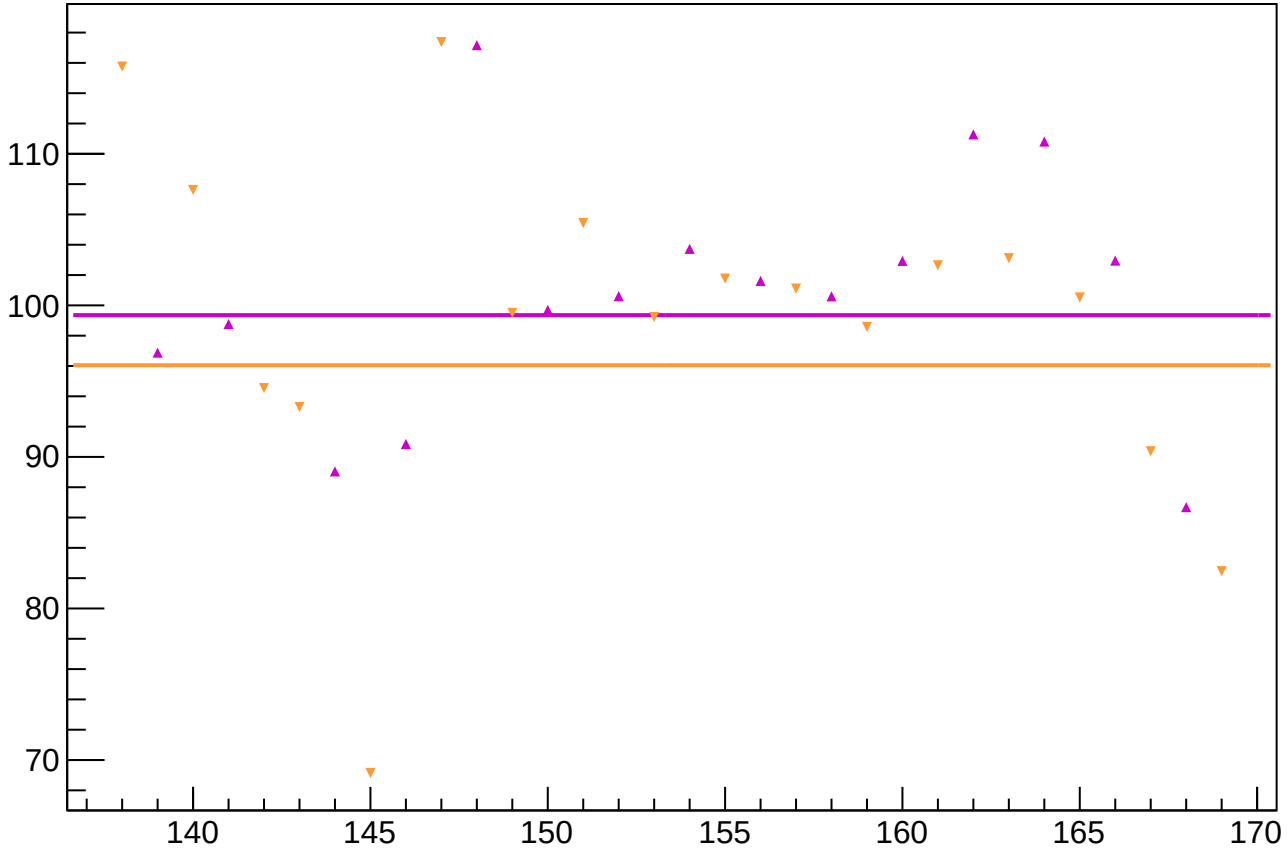
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.607+/-29.170 χ^2/NDF:11.1/14

Out: 7.759+/-27.266 χ^2/NDF:23.8/16

All: 1.527+/-19.919 χ^2/NDF: 35.0/31

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 96.053+/-0.019 χ^2/NDF:429925.9/16

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

Left In: 99.357+/-0.021 χ^2/NDF:146549.0/14

Left: 97.594+/-0.014 χ^2/NDF: 590168.3/31

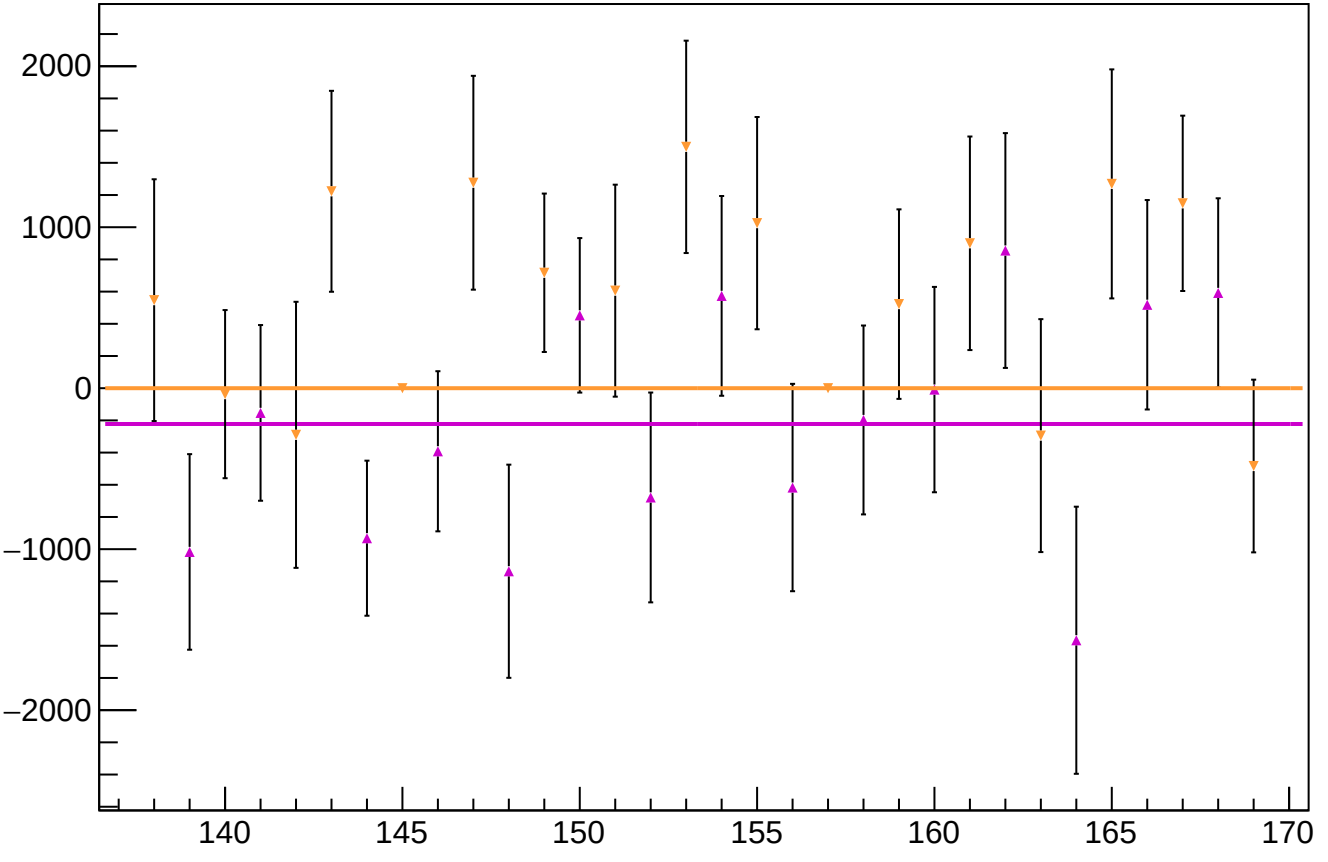
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.357+/-0.021 χ^2/NDF:146549.0/14

Out: 96.053+/-0.019 χ^2/NDF:429925.9/16

All: 97.594+/-0.014 χ^2/NDF: 590168.3/31

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:30.3/16

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

Left In: -222.395+/-153.651 χ^2/NDF:18.5/14

Left: -0.000+/-0.000 χ^2/NDF: 50.9/31

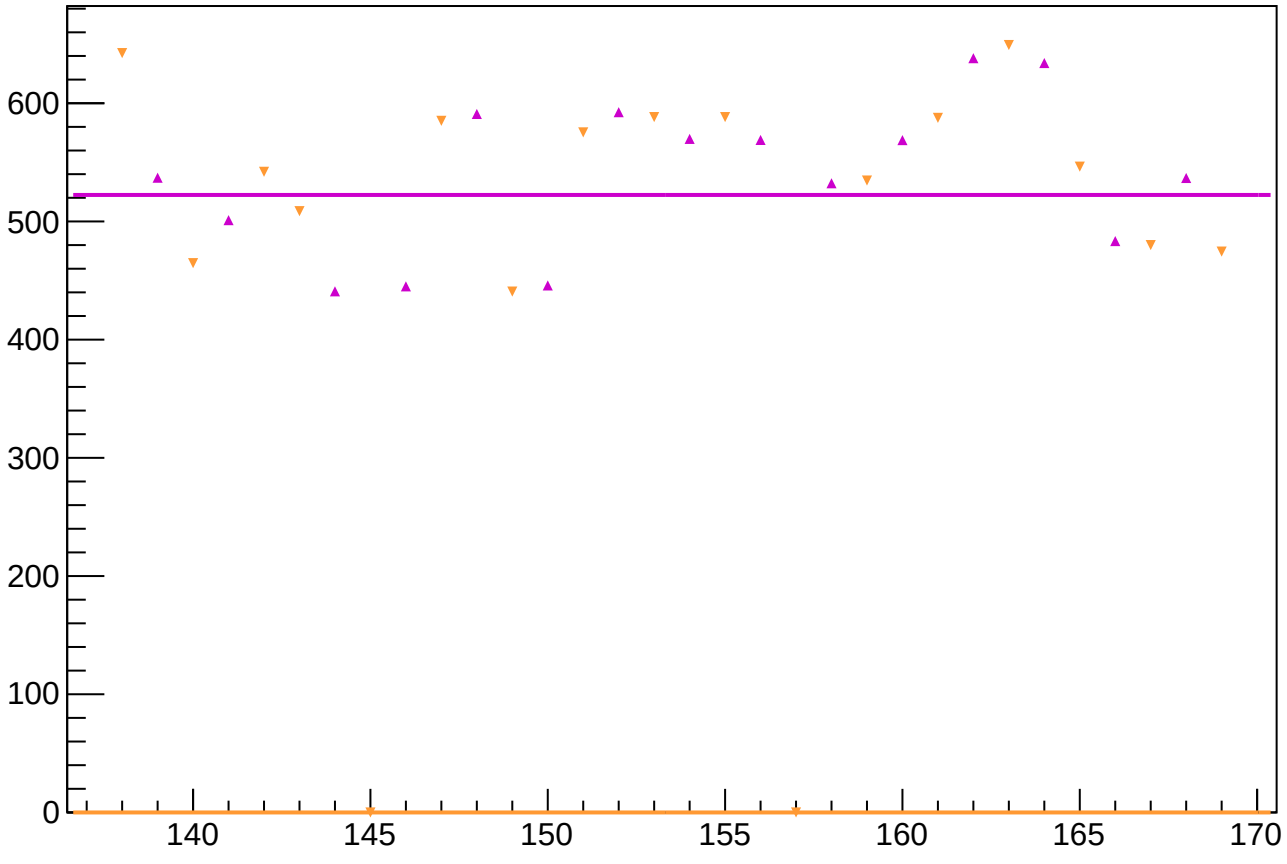
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -222.395+/-153.651 χ^2/NDF:18.5/14

Out: -0.000+/-0.000 χ^2/NDF:30.3/16

All: -0.000+/-0.000 χ^2/NDF: 50.9/31

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:22231302.1/16

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

Left In: 522.413+/-0.109 χ^2/NDF:333430.9/14

Left: 0.000+/-0.000 χ^2/NDF: 45684626.8/31

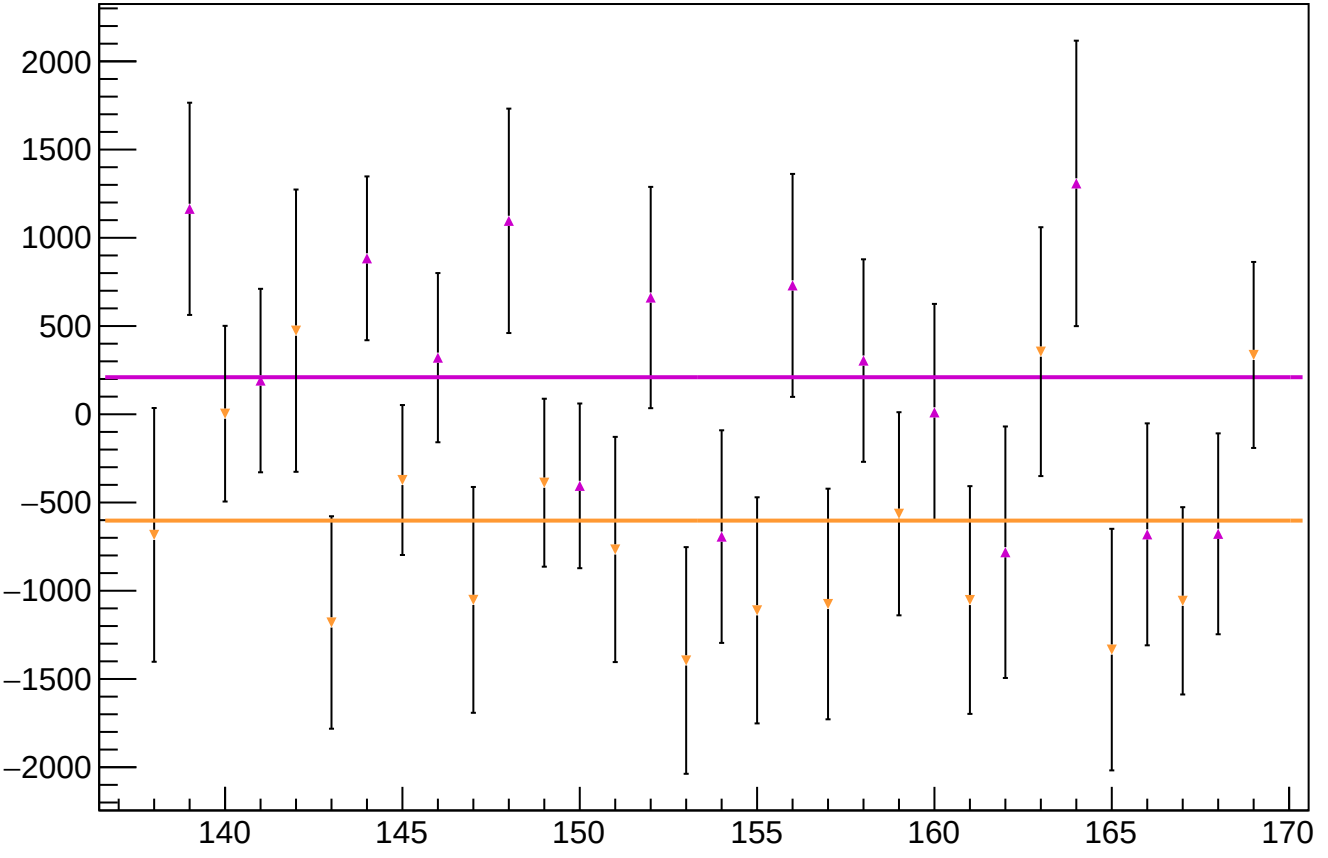
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 522.413+/-0.109 χ^2/NDF:333430.9/14

Out: 0.000+/-0.000 χ^2/NDF:22231302.1/16

All: 0.000+/-0.000 χ^2/NDF: 45684626.8/31

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -602.500+/-142.760 χ^2/NDF:15.3/16

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

Left In: 210.037+/-148.865 χ^2/NDF:20.2/14

Left: -213.234+/-103.037 χ^2/NDF: 51.0/31

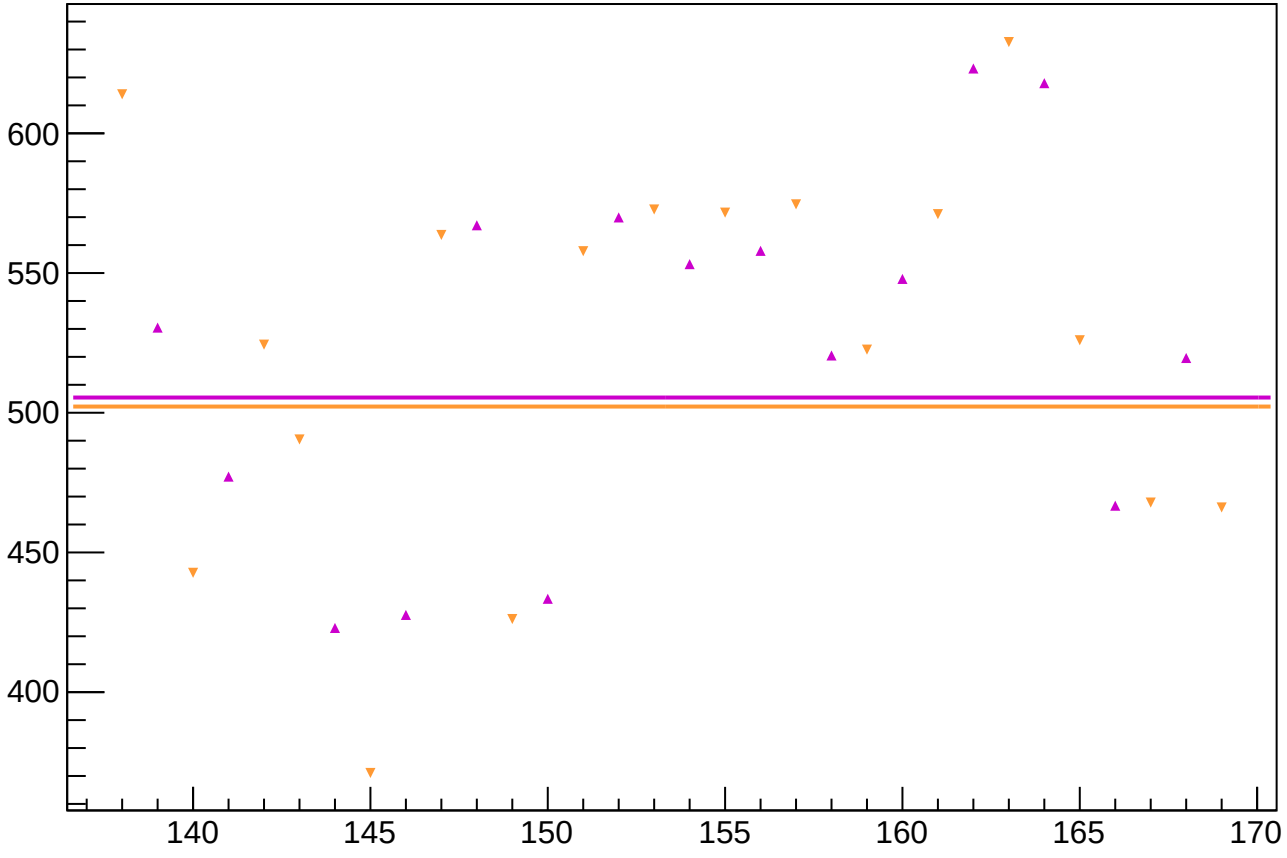
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 210.037+/-148.865 χ^2/NDF:20.2/14

Out: -602.500+/-142.760 χ^2/NDF:15.3/16

All: -213.234+/-103.037 χ^2/NDF: 51.0/31

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 502.214+/-0.101 χ^2/NDF:540430.2/16

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

Left In: 505.444+/-0.105 χ^2/NDF:352199.2/14

Left: 503.762+/-0.073 χ^2/NDF: 893120.0/31

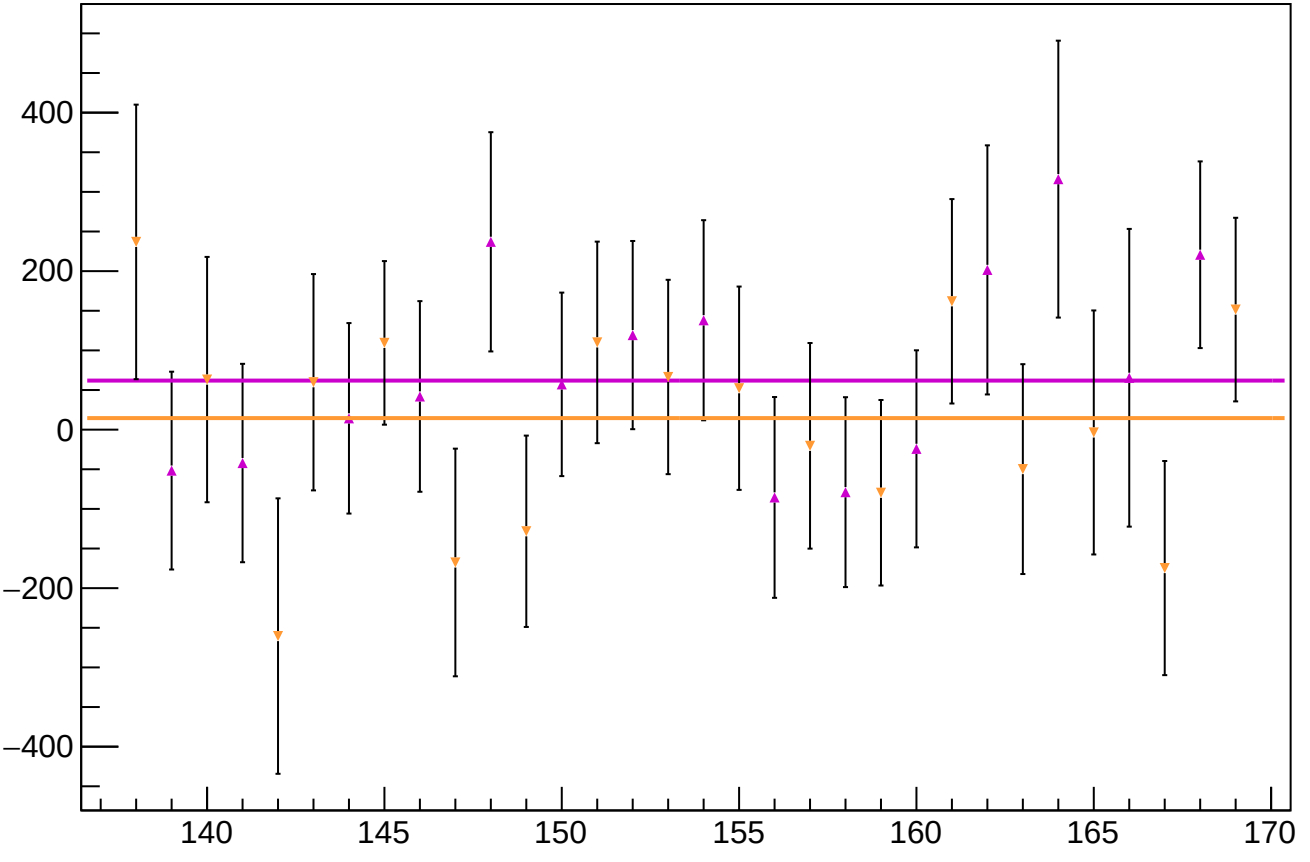
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 505.444+/-0.105 χ^2/NDF:352199.2/14

Out: 502.214+/-0.101 χ^2/NDF:540430.2/16

All: 503.762+/-0.073 χ^2/NDF: 893120.0/31

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 14.568+/-31.894 χ^2/NDF:14.7/16

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

Left In: 61.904+/-33.383 χ^2/NDF:11.8/14

Left: 37.156+/-23.061 χ^2/NDF: 27.6/31

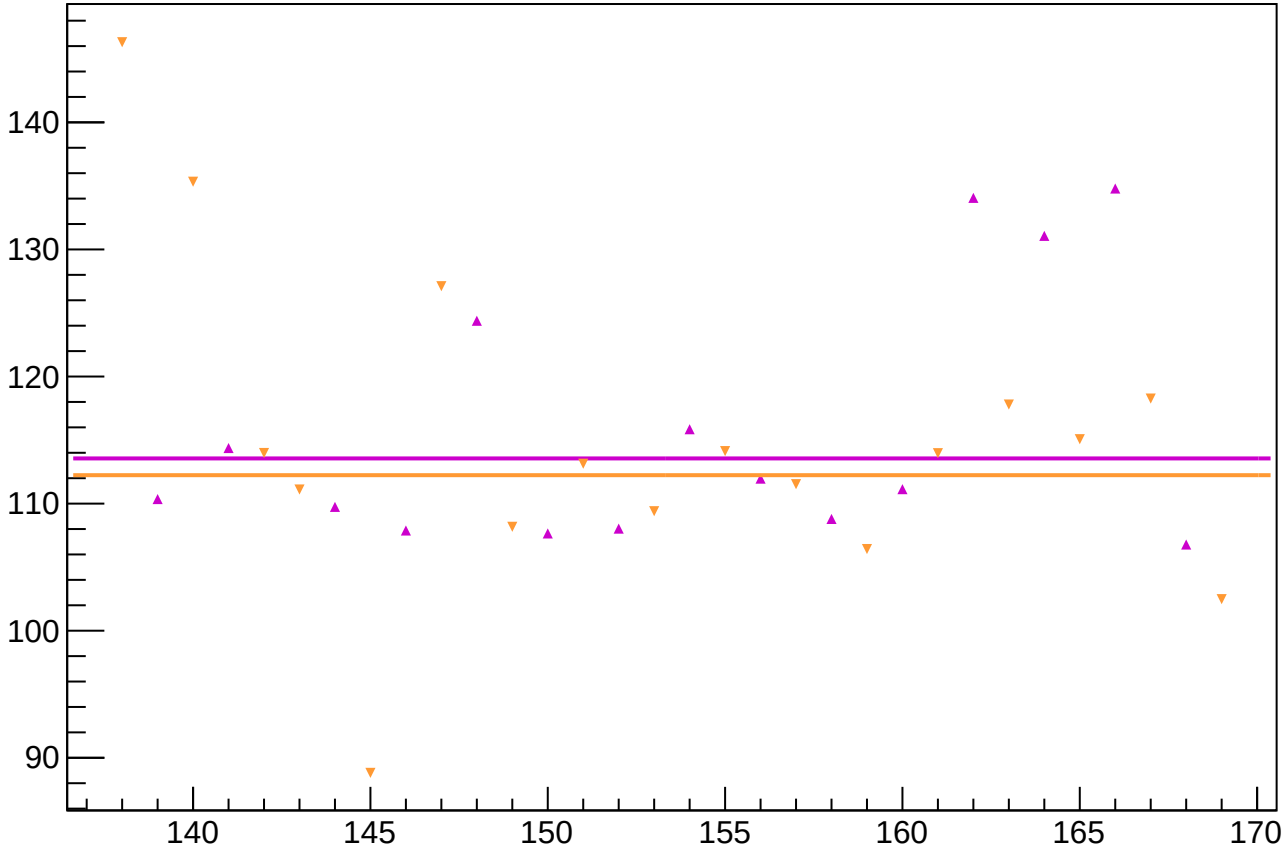
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.904+/-33.383 χ^2/NDF:11.8/14

Out: 14.568+/-31.894 χ^2/NDF:14.7/16

All: 37.156+/-23.061 χ^2/NDF: 27.6/31

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.237+/-0.023 χ^2/NDF:278270.0/16

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

Left In: 113.555+/-0.024 χ^2/NDF:120863.8/14

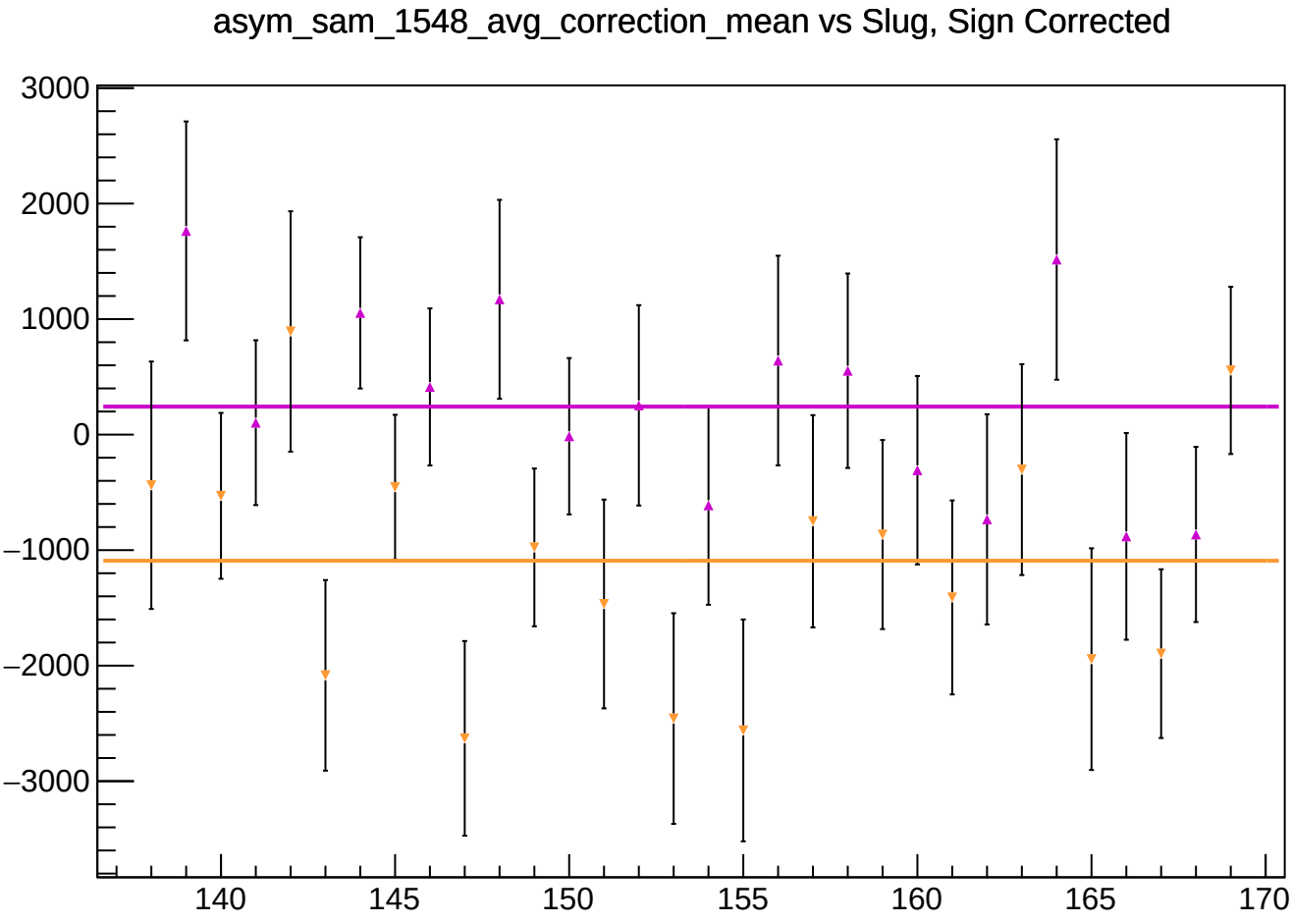
Left: 112.866+/-0.016 χ^2/NDF: 400763.8/31

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 113.555+/-0.024 χ^2/NDF:120863.8/14

Out: 112.237+/-0.023 χ^2/NDF:278270.0/16

All: 112.866+/-0.016 χ^2/NDF: 400763.8/31



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

Left Out: -1092.000+/-200.077 χ^2/NDF:23.5/16

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

Left In: 242.419+/-208.389 χ^2/NDF:13.6/14

Left: -451.933+/-144.325 χ^2/NDF: 58.5/31

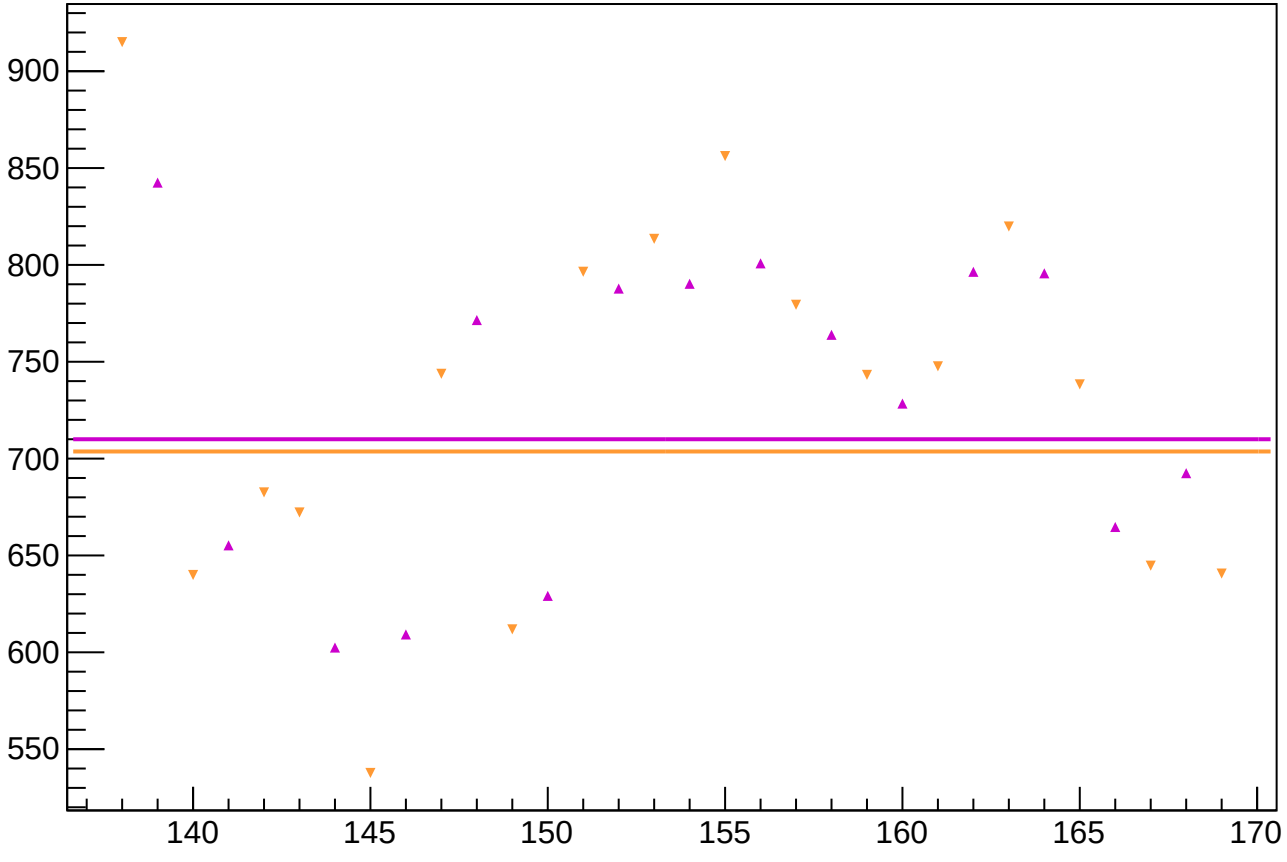
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 242.419+/-208.389 χ^2/NDF:13.6/14

Out: -1092.000+/-200.077 χ^2/NDF:23.5/16

All: -451.933+/-144.325 χ^2/NDF: 58.5/31

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 703.679+/-0.141 χ^2/NDF:465852.8/16

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

Left In: 709.996+/-0.147 χ^2/NDF:287989.7/14

Left: 706.709+/-0.102 χ^2/NDF: 754798.7/31

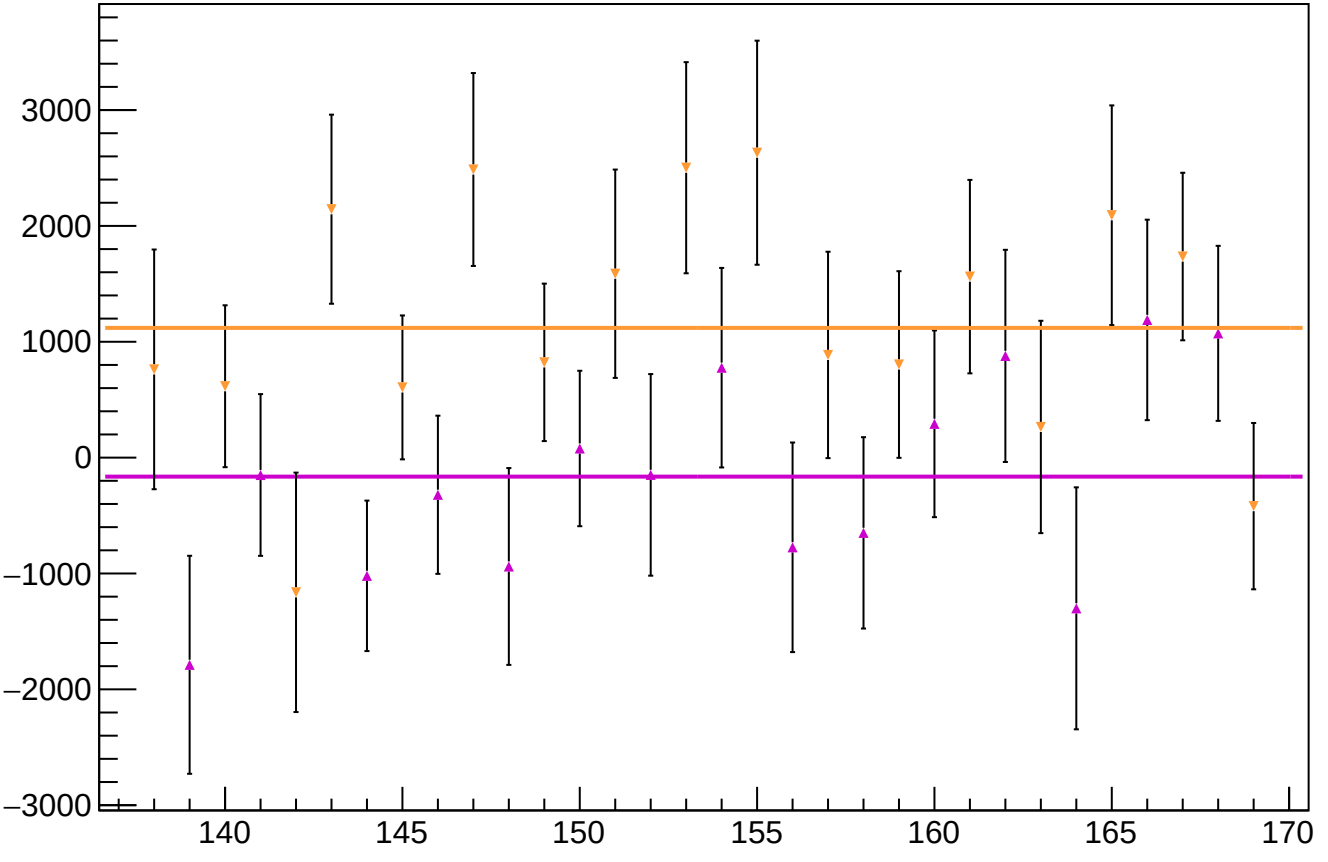
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 709.996+/-0.147 χ^2/NDF:287989.7/14

Out: 703.679+/-0.141 χ^2/NDF:465852.8/16

All: 706.709+/-0.102 χ^2/NDF: 754798.7/31

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1119.882+/-197.931 χ^2/NDF:23.4/16

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

Left In: -163.976+/-206.712 χ^2/NDF:15.7/14

Left: 505.800+/-142.962 χ^2/NDF: 59.2/31

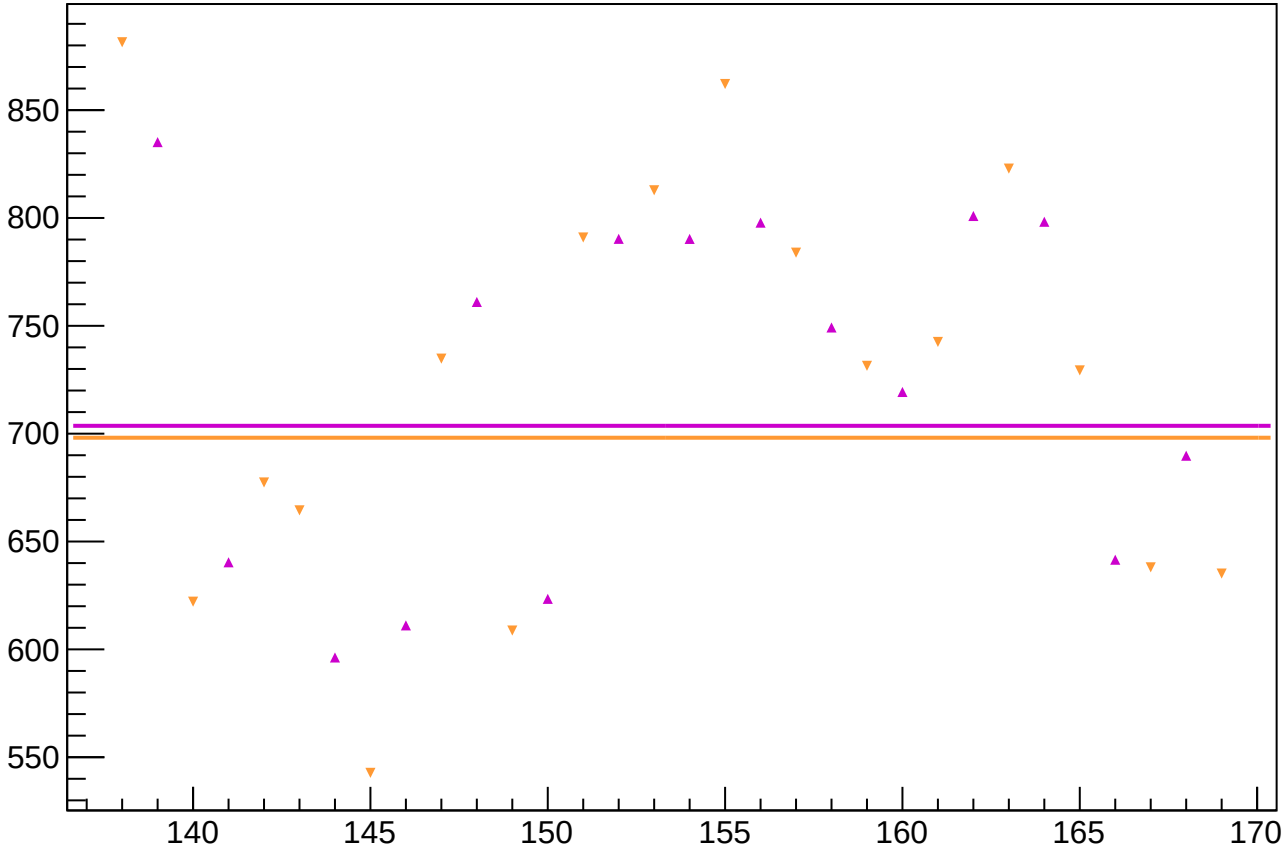
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -163.976+/-206.712 χ^2/NDF:15.7/14

Out: 1119.882+/-197.931 χ^2/NDF:23.4/16

All: 505.800+/-142.962 χ^2/NDF: 59.2/31

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 698.119+/-0.140 χ^2/NDF:460947.1/16

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

Left In: 703.643+/-0.146 χ^2/NDF:303297.5/14

Left: 700.761+/-0.101 χ^2/NDF: 764989.6/31

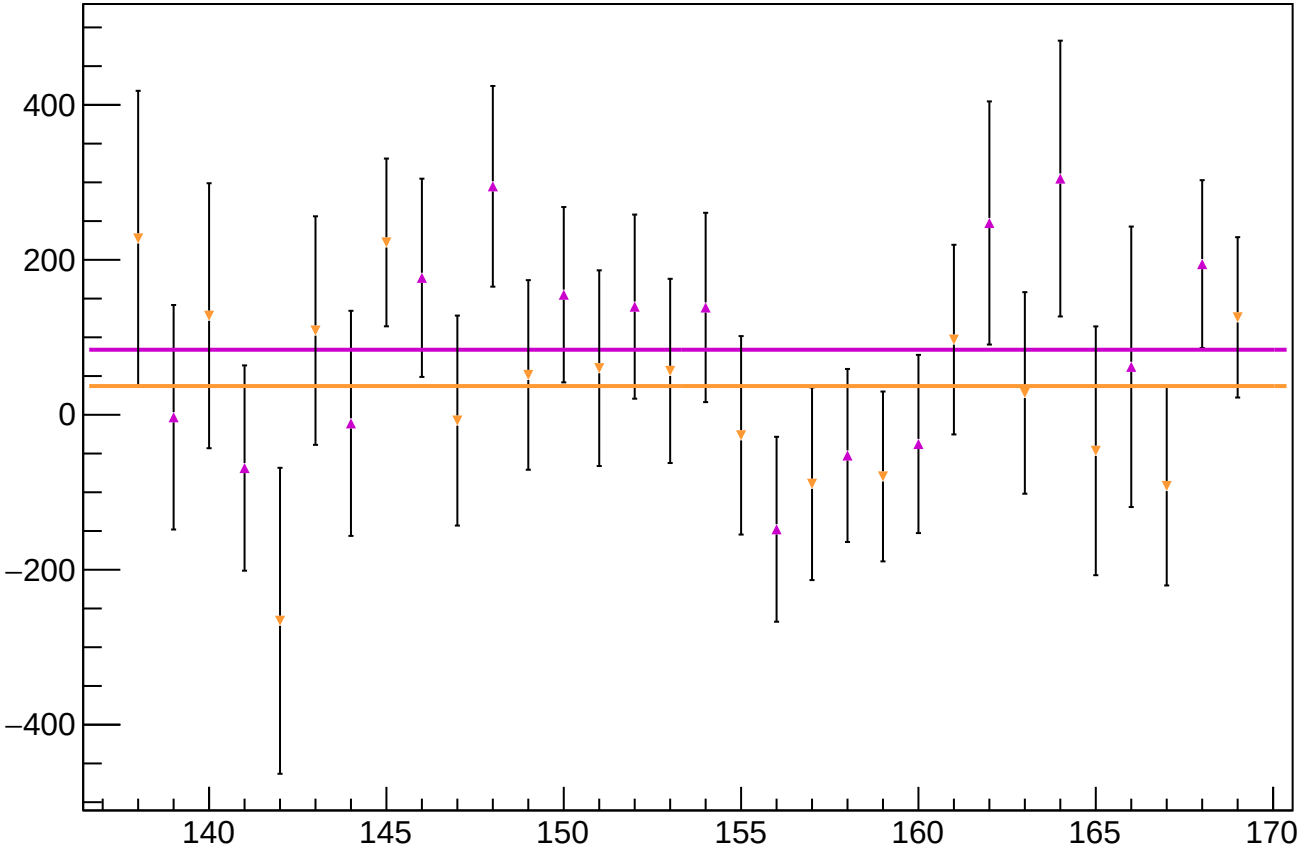
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 703.643+/-0.146 χ^2/NDF:303297.5/14

Out: 698.119+/-0.140 χ^2/NDF:460947.1/16

All: 700.761+/-0.101 χ^2/NDF: 764989.6/31

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 37.076+/-31.608 χ^2/NDF:11.7/16

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

Left In: 83.970+/-33.286 χ^2/NDF:16.2/14

Left: 59.311+/-22.920 χ^2/NDF: 28.9/31

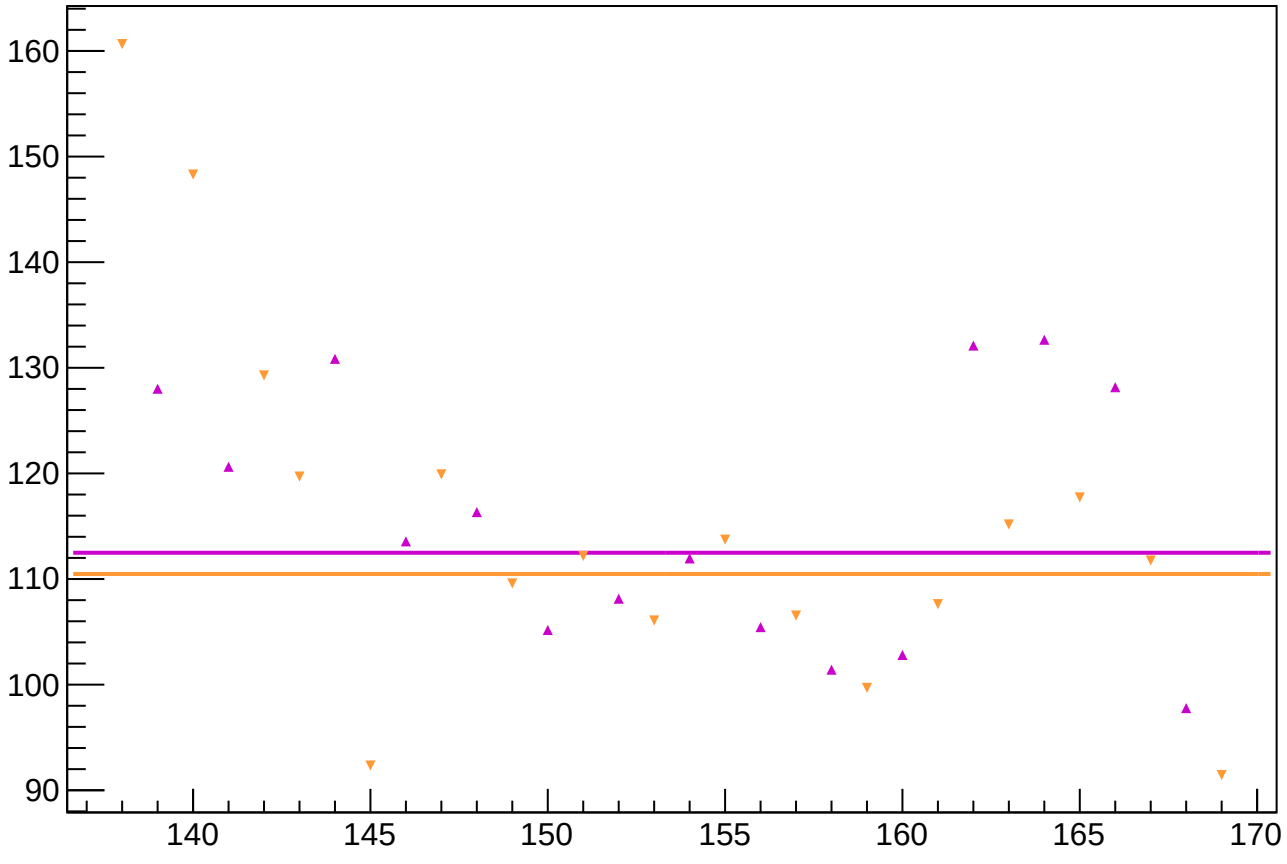
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.970+/-33.286 χ^2/NDF:16.2/14

Out: 37.076+/-31.608 χ^2/NDF:11.7/16

All: 59.311+/-22.920 χ^2/NDF: 28.9/31

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 110.477+/-0.022 χ^2/NDF:429764.0/16

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

Left In: 112.488+/-0.024 χ^2/NDF:225082.0/14

Left: 111.430+/-0.016 χ^2/NDF: 658687.0/31

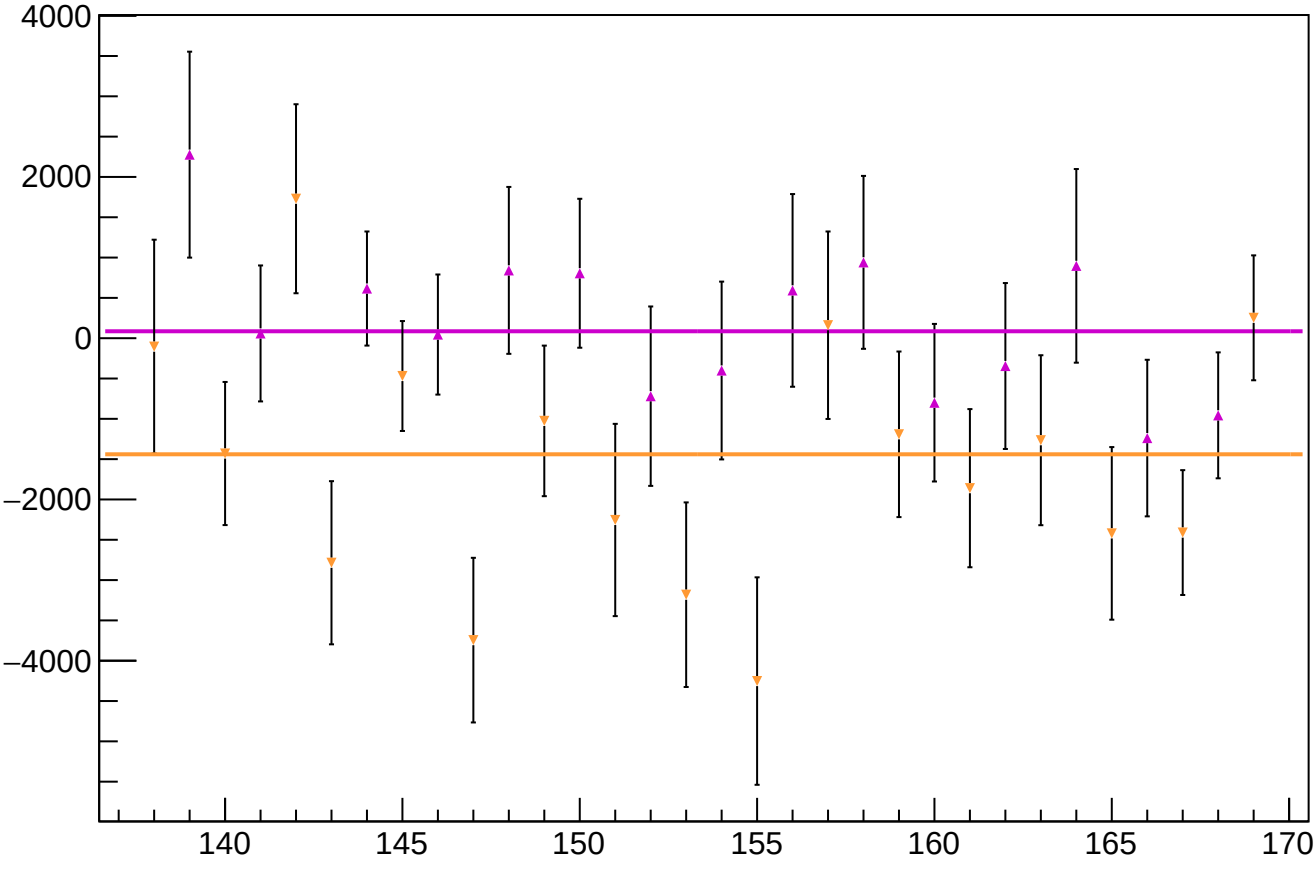
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 112.488+/-0.024 χ^2/NDF:225082.0/14

Out: 110.477+/-0.022 χ^2/NDF:429764.0/16

All: 111.430+/-0.016 χ^2/NDF: 658687.0/31

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1439.730+/-237.632 χ^2/NDF:34.3/16

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

Left In: 85.948+/-246.094 χ^2/NDF:11.3/14

Left: -703.572+/-170.944 χ^2/NDF: 65.5/31

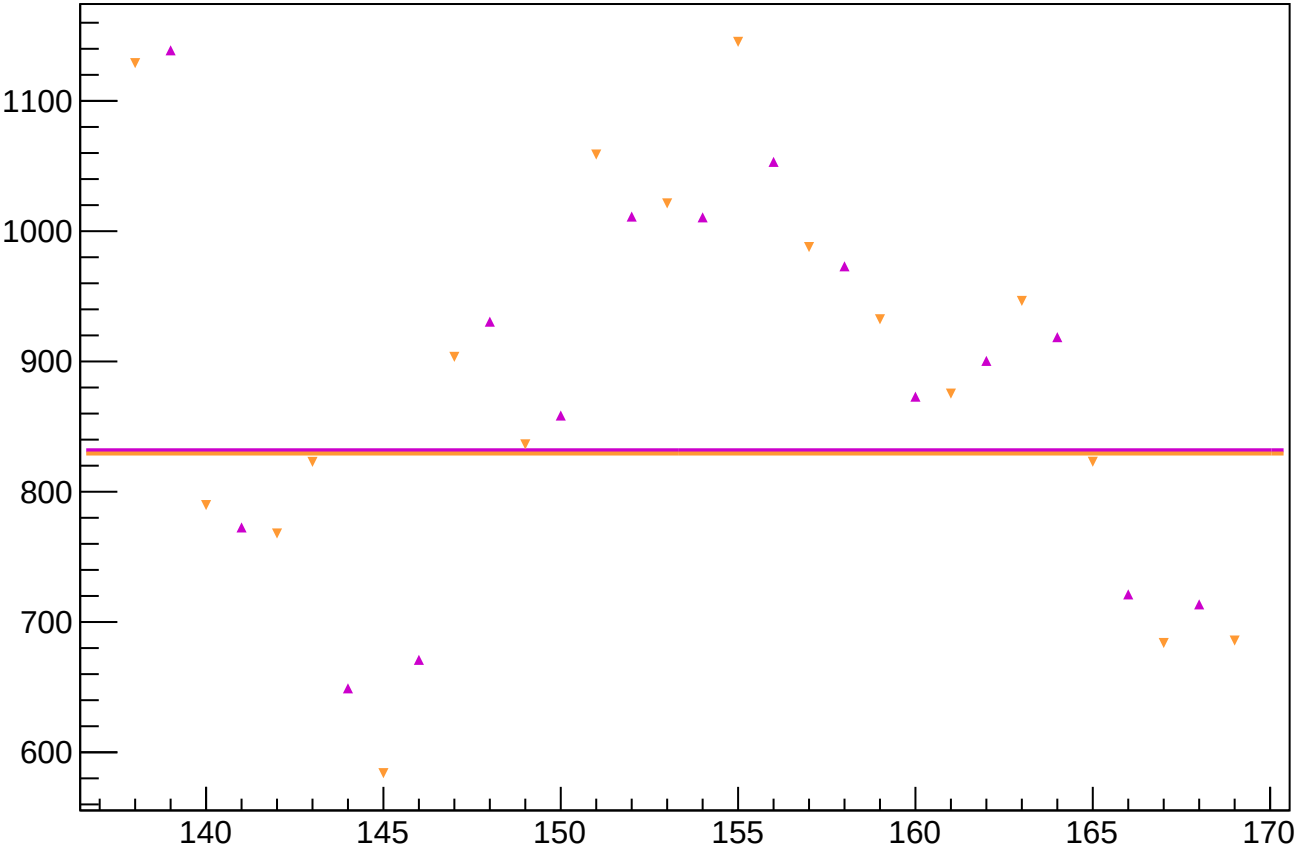
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 85.948+/-246.094 χ^2/NDF:11.3/14

Out: -1439.730+/-237.632 χ^2/NDF:34.3/16

All: -703.572+/-170.944 χ^2/NDF: 65.5/31

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 829.327+/-0.168 χ^2/NDF:858264.5/16

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

Left In: 831.835+/-0.174 χ^2/NDF:674643.7/14

Left: 830.537+/-0.121 χ^2/NDF: 1533015.8/31

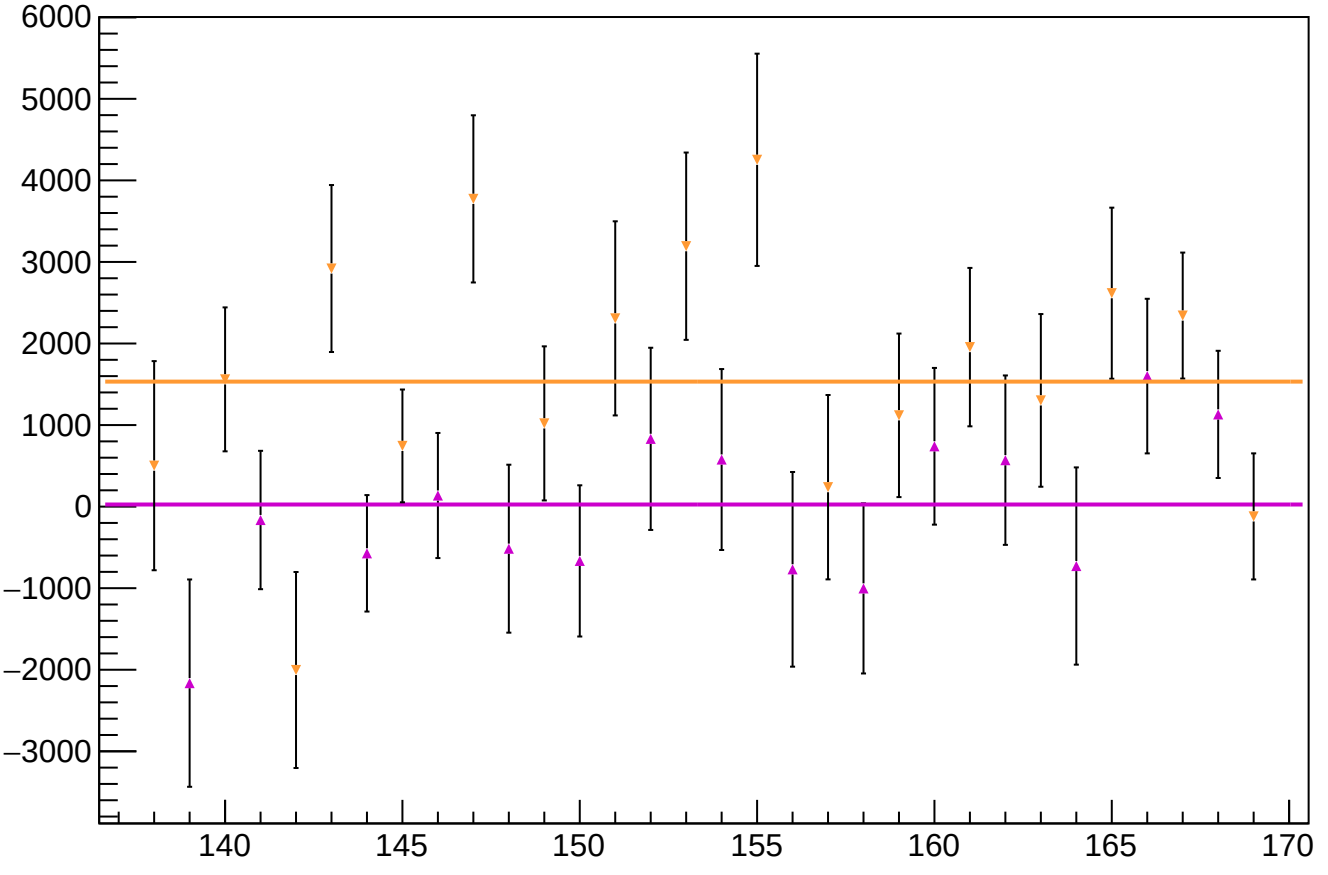
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 831.835+/-0.174 χ^2/NDF:674643.7/14

Out: 829.327+/-0.168 χ^2/NDF:858264.5/16

All: 830.537+/-0.121 χ^2/NDF: 1533015.8/31

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1532.791+/-237.367 χ^2/NDF:32.9/16

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

Left In: 25.944+/-246.441 χ^2/NDF:12.7/14

Left: 807.618+/-170.962 χ^2/NDF: 65.0/31

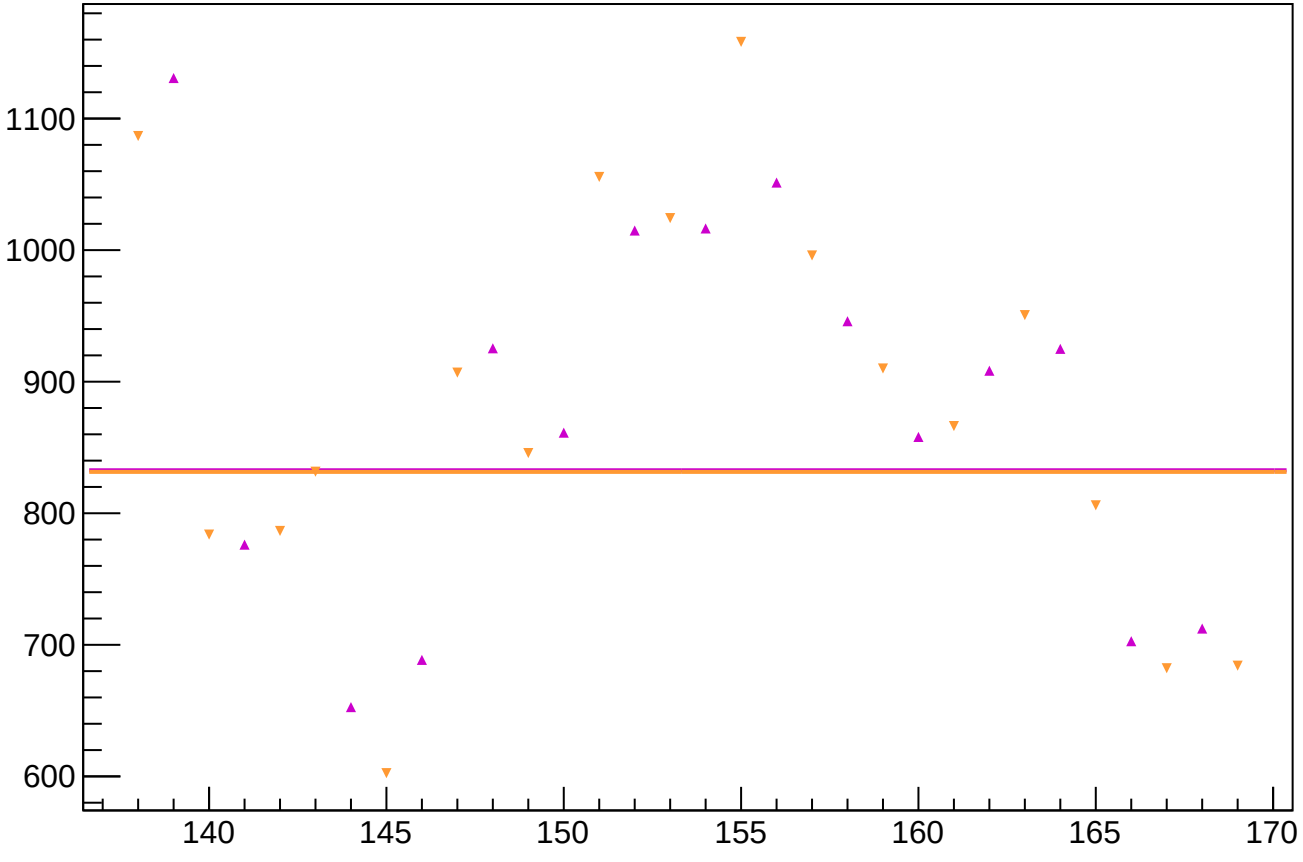
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 25.944+/-246.441 χ^2/NDF:12.7/14

Out: 1532.791+/-237.367 χ^2/NDF:32.9/16

All: 807.618+/-170.962 χ^2/NDF: 65.0/31

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 831.447+/-0.168 χ^2/NDF:803164.8/16

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

Left In: 832.676+/-0.174 χ^2/NDF:642494.2/14

Left: 832.039+/-0.121 χ^2/NDF: 1445684.8/31

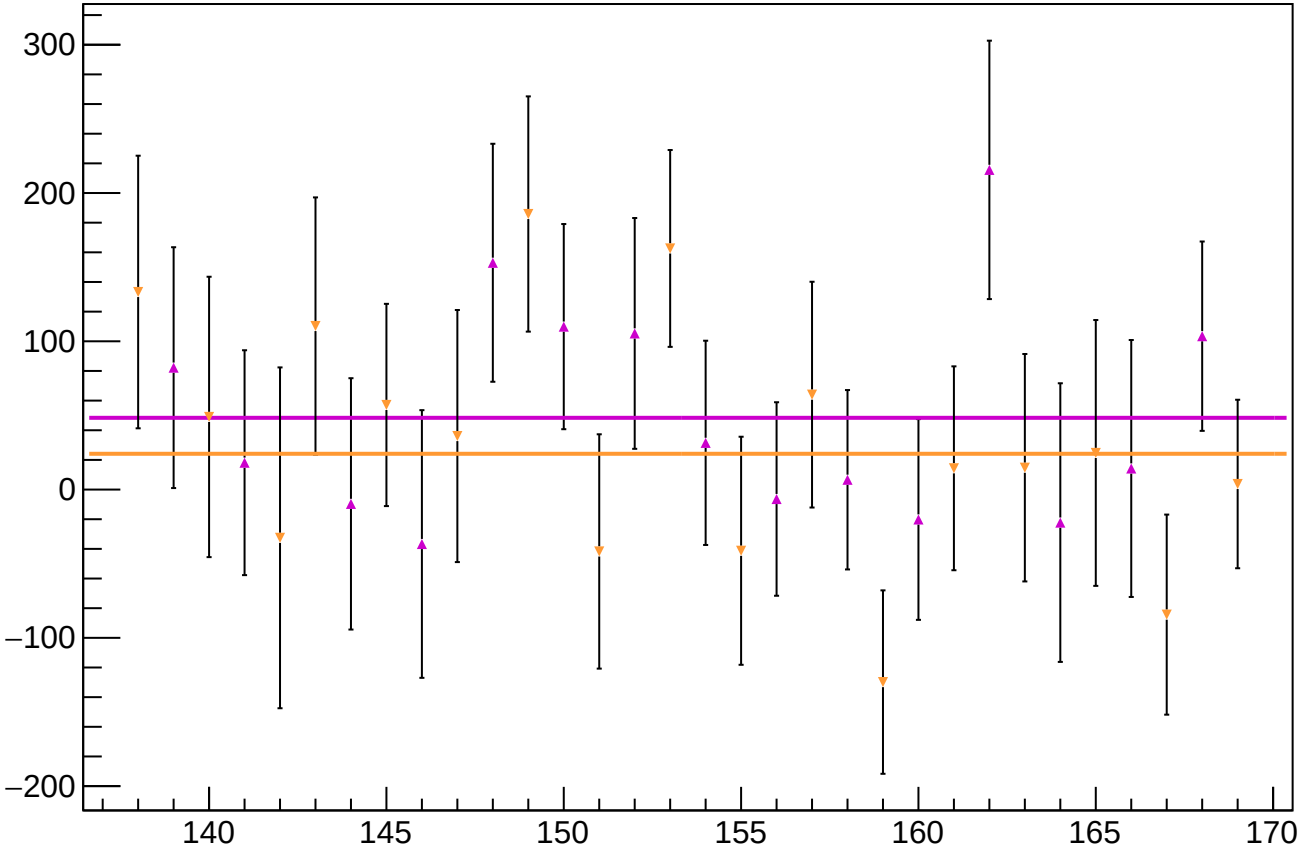
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 832.676+/-0.174 χ^2/NDF:642494.2/14

Out: 831.447+/-0.168 χ^2/NDF:803164.8/16

All: 832.039+/-0.121 χ^2/NDF: 1445684.8/31

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 24.135+/-18.329 χ^2/NDF:22.1/16

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

Left In: 48.394+/-19.326 χ^2/NDF:12.1/14

Left: 35.622+/-13.299 χ^2/NDF: 35.1/31

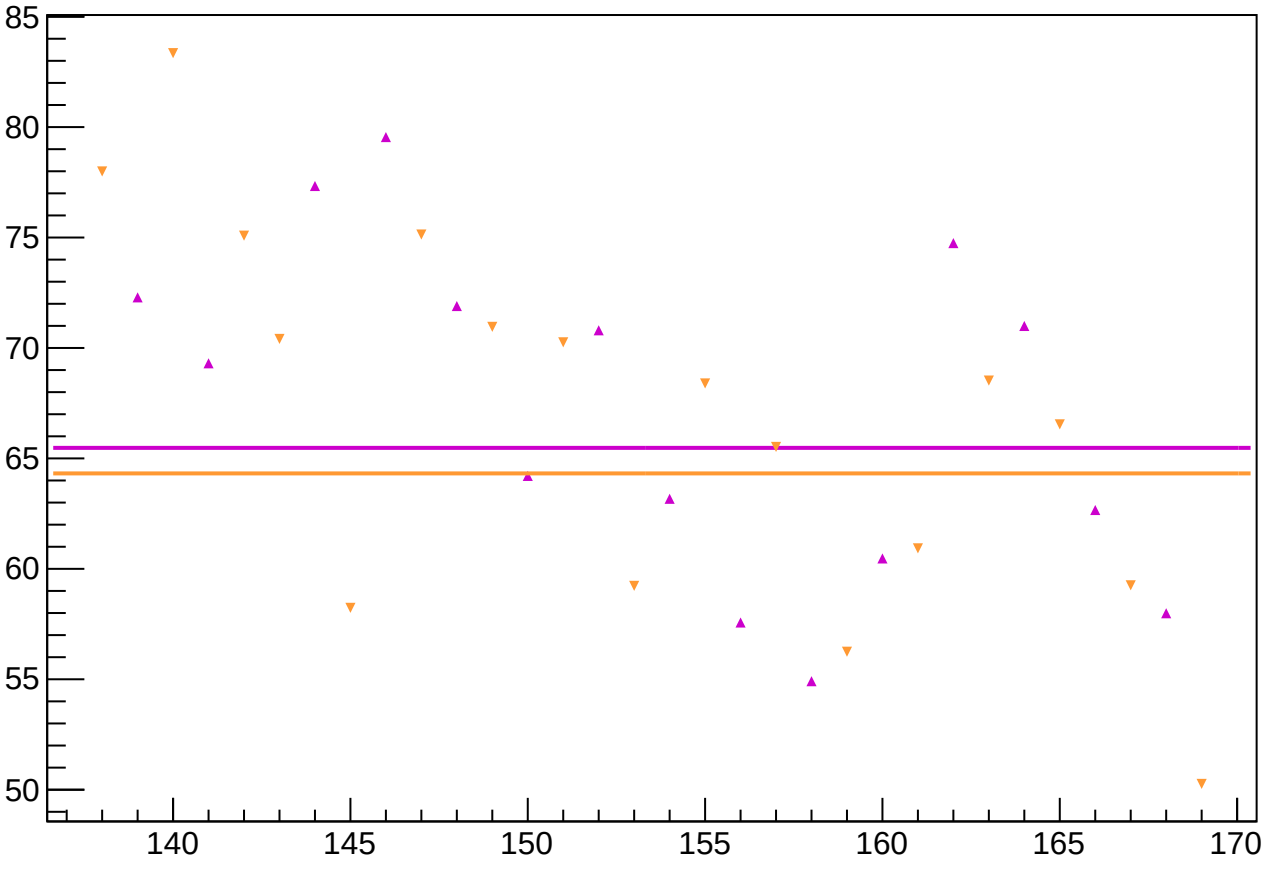
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 48.394+/-19.326 χ^2/NDF:12.1/14

Out: 24.135+/-18.329 χ^2/NDF:22.1/16

All: 35.622+/-13.299 χ^2/NDF: 35.1/31

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 64.321+/-0.013 χ^2/NDF:423975.2/16

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

Left In: 65.477+/-0.014 χ^2/NDF:292432.5/14

Left: 64.868+/-0.009 χ^2/NDF: 720177.1/31

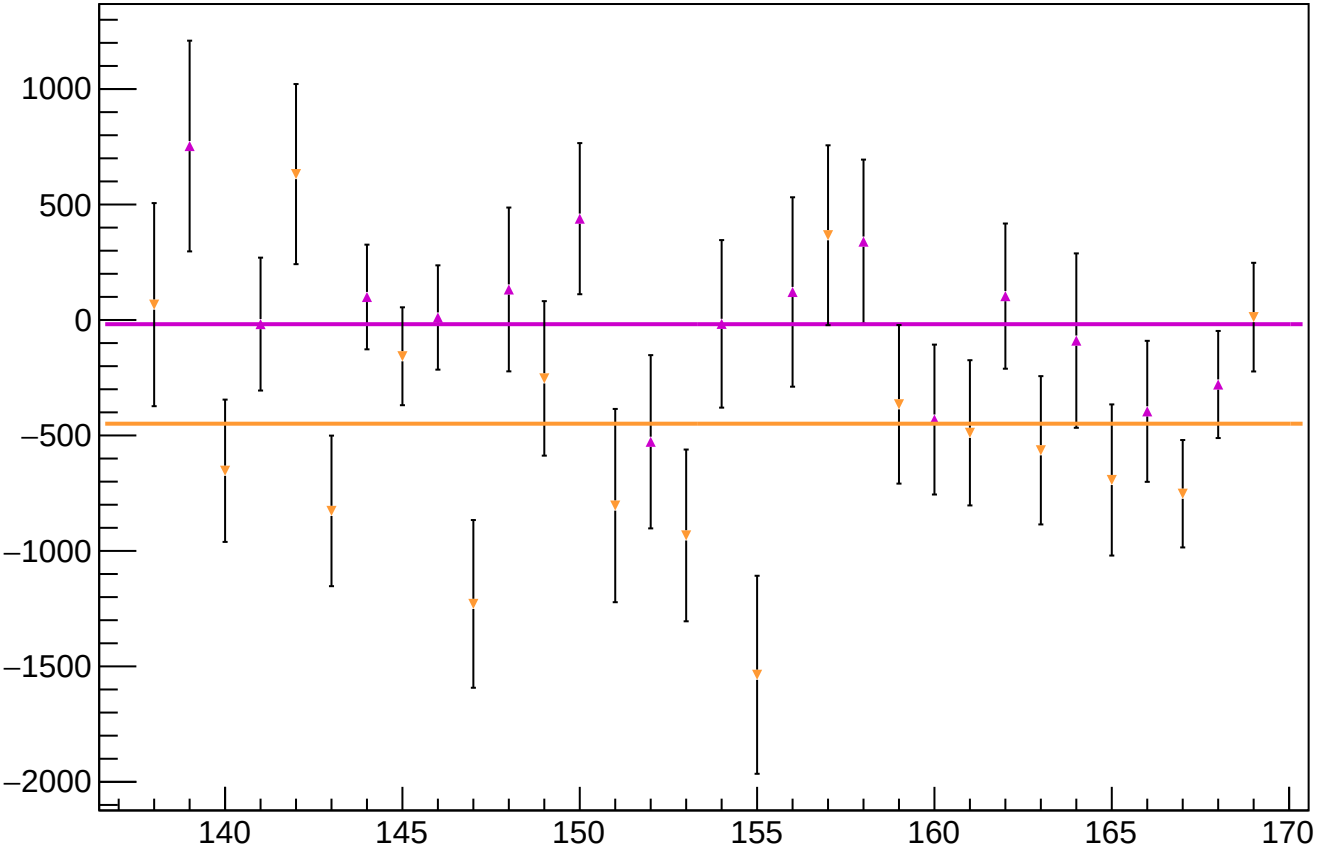
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.477+/-0.014 χ^2/NDF:292432.5/14

Out: 64.321+/-0.013 χ^2/NDF:423975.2/16

All: 64.868+/-0.009 χ^2/NDF: 720177.1/31

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -449.084+/-76.780 χ^2/NDF:37.2/16

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

Left In: -18.225+/-79.614 χ^2/NDF:12.8/14

Left: -241.461+/-55.266 χ^2/NDF: 65.3/31

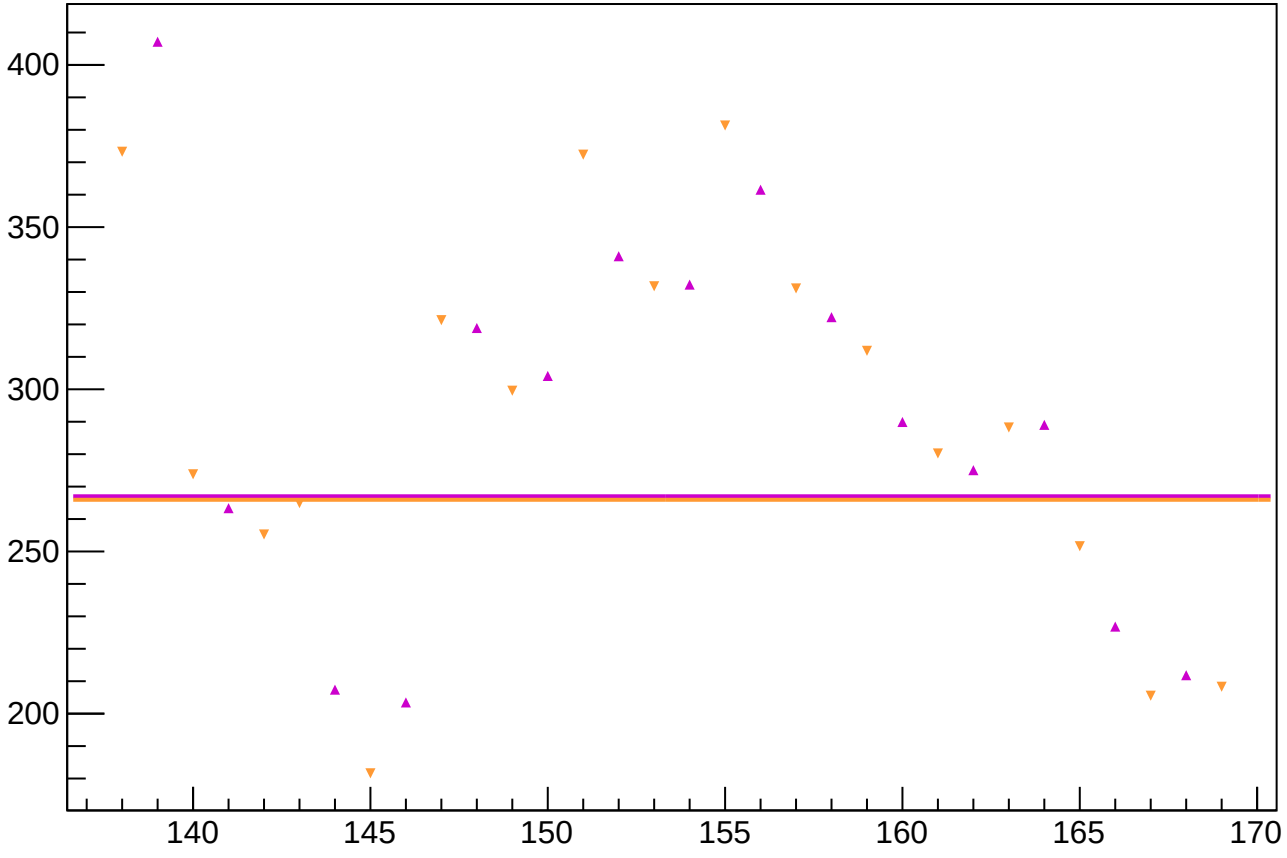
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.225+/-79.614 χ^2/NDF:12.8/14

Out: -449.084+/-76.780 χ^2/NDF:37.2/16

All: -241.461+/-55.266 χ^2/NDF: 65.3/31

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 265.937+/-0.054 χ^2/NDF:1206411.5/16

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

Left In: 267.017+/-0.056 χ^2/NDF:1017307.0/14

Left: 266.458+/-0.039 χ^2/NDF: 2223909.0/31

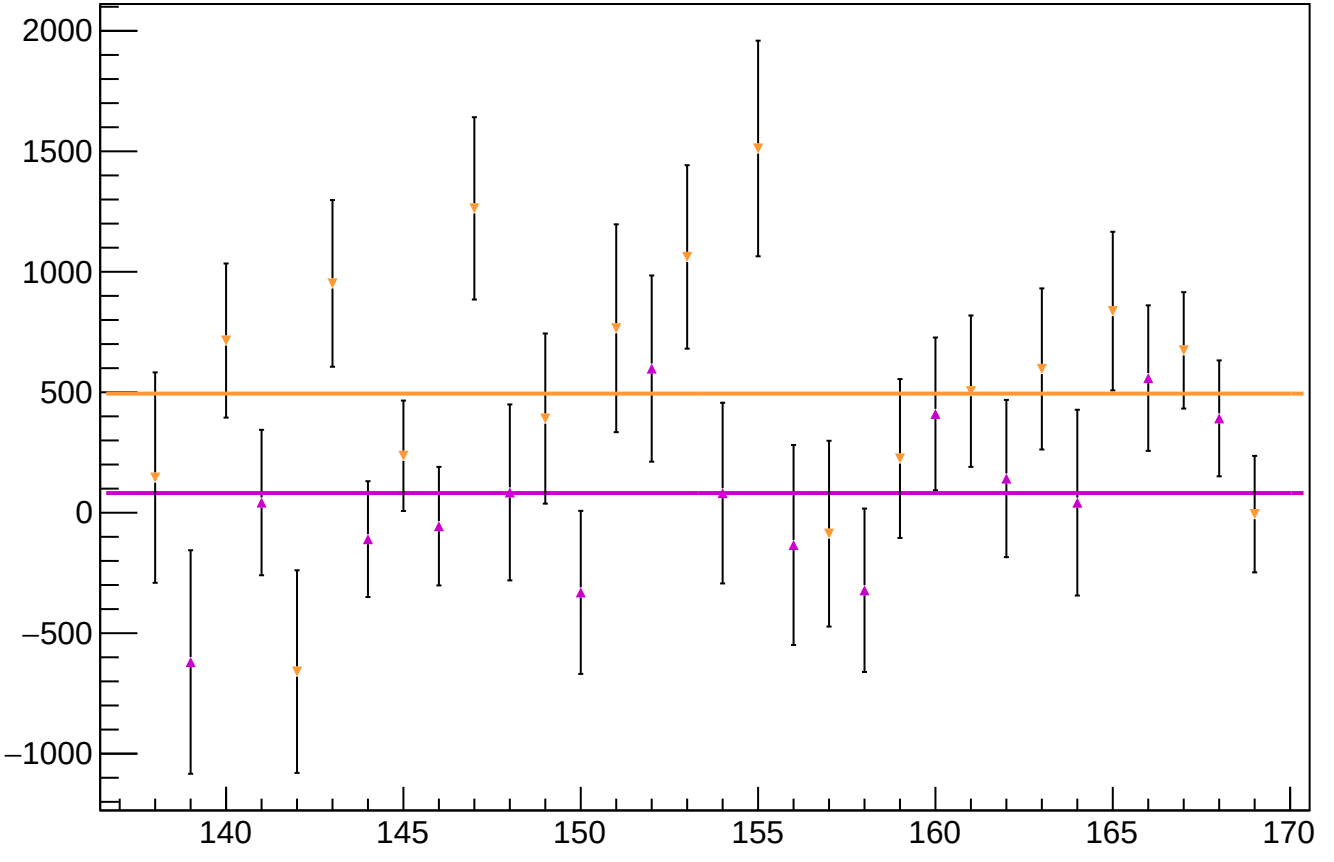
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 267.017+/-0.056 χ^2/NDF:1017307.0/14

Out: 265.937+/-0.054 χ^2/NDF:1206411.5/16

All: 266.458+/-0.039 χ^2/NDF: 2223909.0/31

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 494.445+/-79.349 χ^2/NDF:32.6/16

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

Left In: 81.669+/-82.114 χ^2/NDF:13.5/14

Left: 295.124+/-57.060 χ^2/NDF: 59.2/31

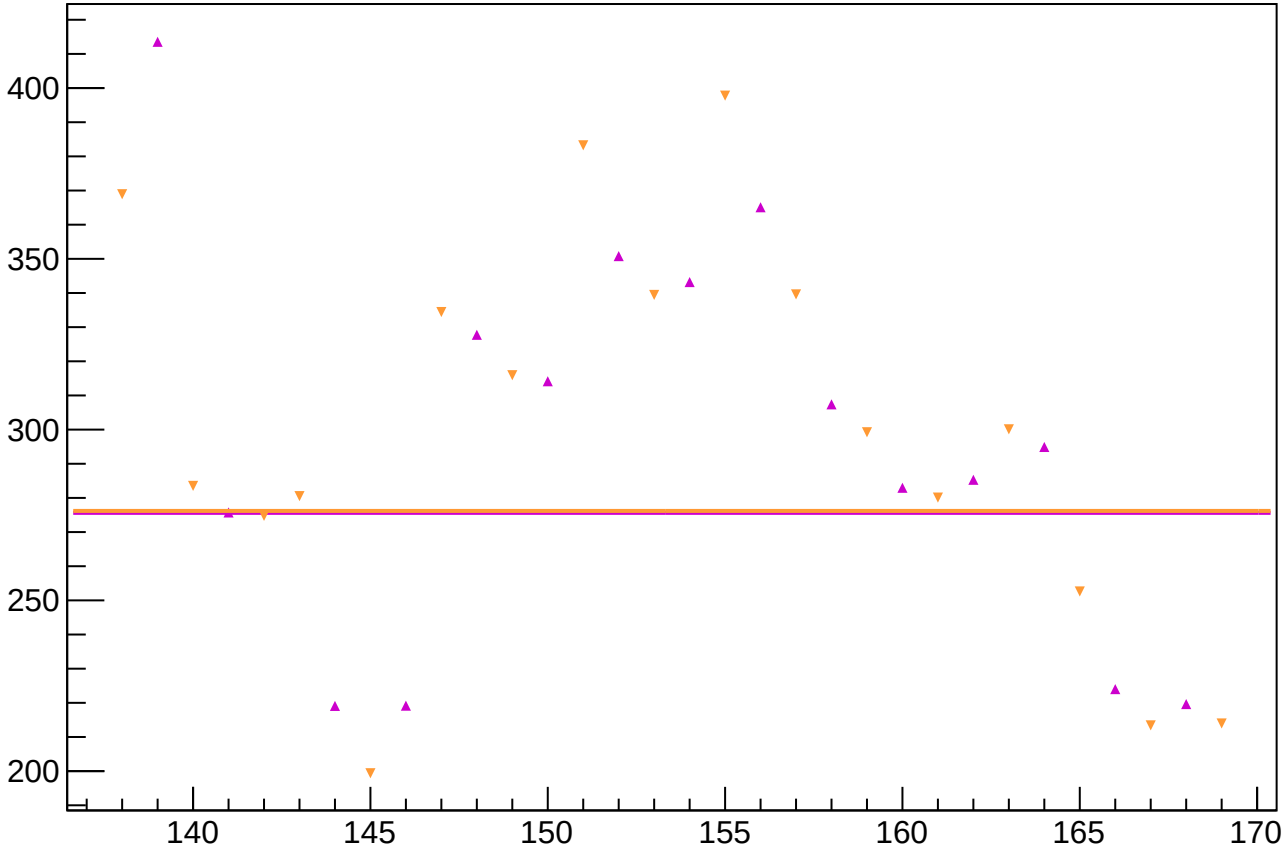
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 81.669+/-82.114 χ^2/NDF:13.5/14

Out: 494.445+/-79.349 χ^2/NDF:32.6/16

All: 295.124+/-57.060 χ^2/NDF: 59.2/31

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 276.193+/-0.056 χ^2/NDF:1067384.4/16

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

Left In: 275.626+/-0.058 χ^2/NDF:885183.6/14

Left: 275.919+/-0.040 χ^2/NDF: 1952617.4/31

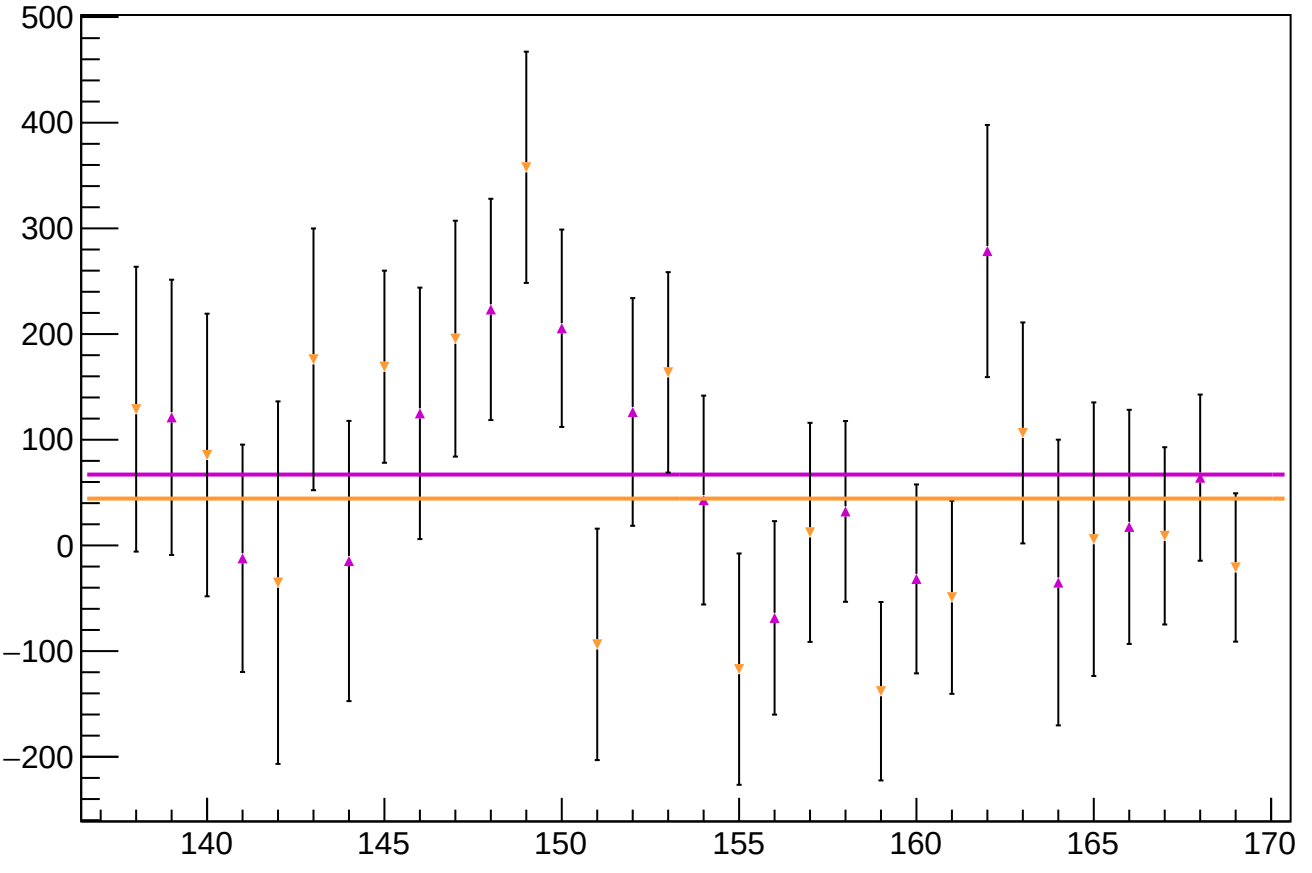
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 275.626+/-0.058 χ^2/NDF:885183.6/14

Out: 276.193+/-0.056 χ^2/NDF:1067384.4/16

All: 275.919+/-0.040 χ^2/NDF: 1952617.4/31

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 44.330+/-24.826 χ^2/NDF:26.4/16

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

Left In: 67.050+/-26.567 χ^2/NDF:13.6/14

Left: 54.921+/-18.139 χ^2/NDF: 40.4/31

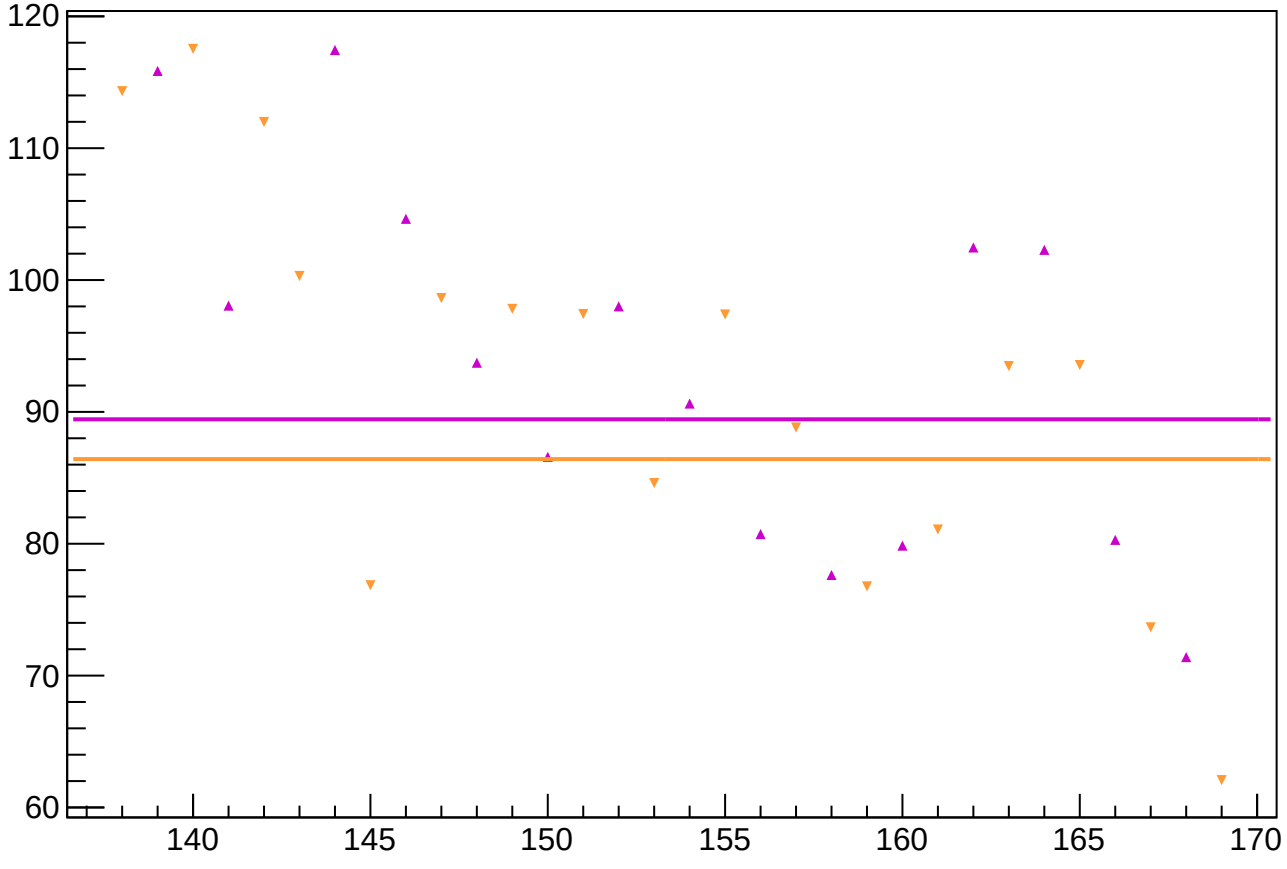
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.050+/-26.567 χ^2/NDF:13.6/14

Out: 44.330+/-24.826 χ^2/NDF:26.4/16

All: 54.921+/-18.139 χ^2/NDF: 40.4/31

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 86.420+/-0.018 χ^2/NDF:708648.0/16

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

Left In: 89.438+/-0.019 χ^2/NDF:475284.0/14

Left: 87.827+/-0.013 χ^2/NDF: 1197713.9/31

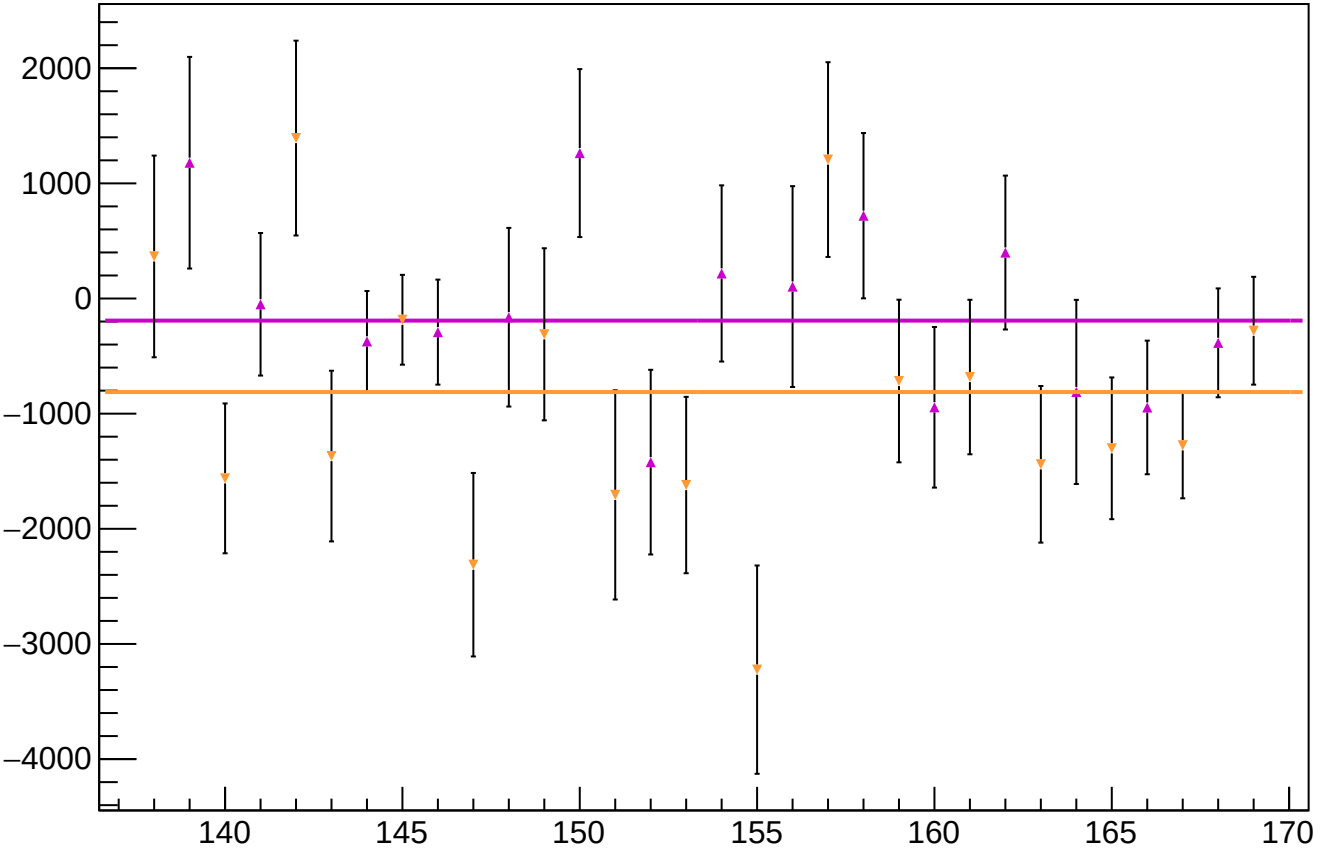
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 89.438+/-0.019 χ^2/NDF:475284.0/14

Out: 86.420+/-0.018 χ^2/NDF:708648.0/16

All: 87.827+/-0.013 χ^2/NDF: 1197713.9/31

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -812.388+/-156.822 χ^2/NDF:35.8/16

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

Left In: -191.852+/-163.957 χ^2/NDF:15.2/14

Left: -515.915+/-113.328 χ^2/NDF: 58.5/31

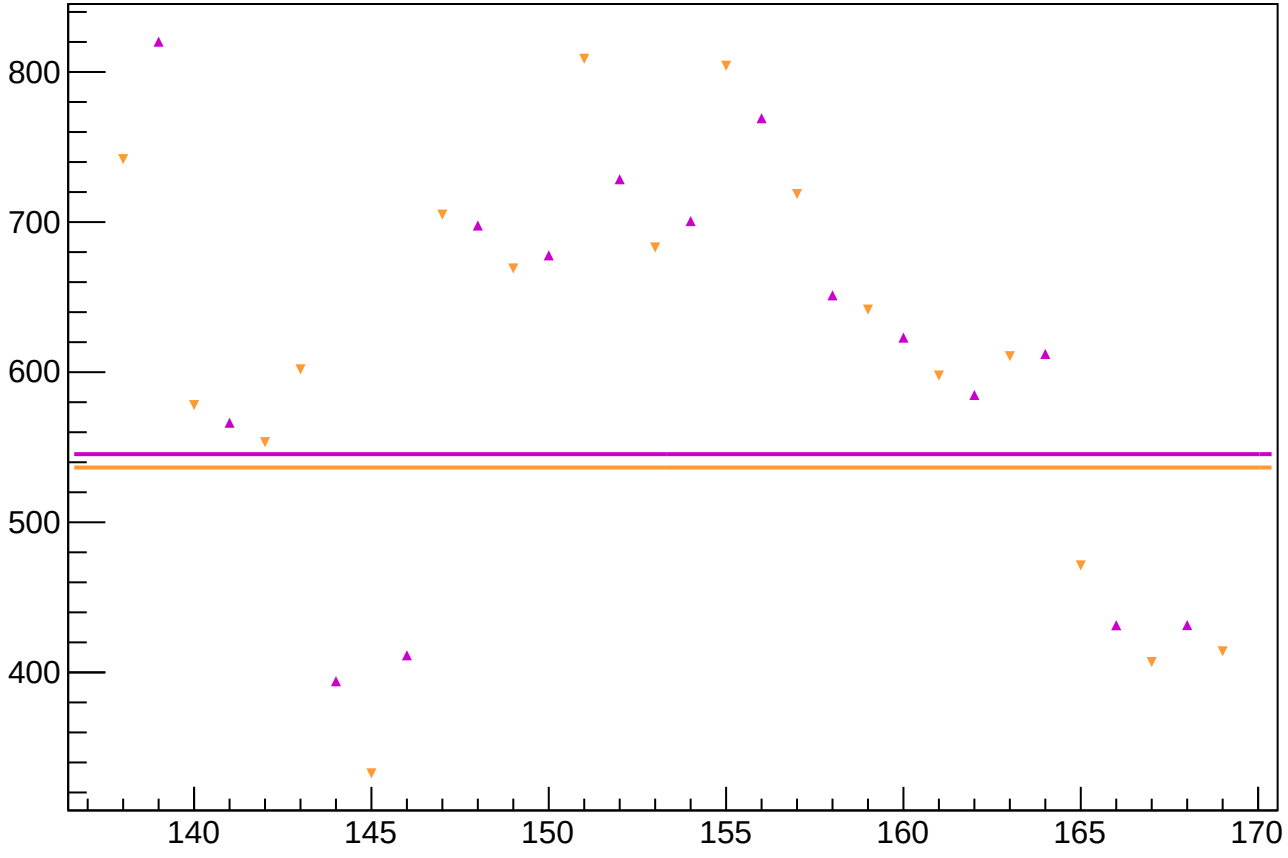
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -191.852+/-163.957 χ^2/NDF:15.2/14

Out: -812.388+/-156.822 χ^2/NDF:35.8/16

All: -515.915+/-113.328 χ^2/NDF: 58.5/31

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 536.486+/-0.111 χ^2/NDF:1756058.8/16

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

Left In: 545.394+/-0.116 χ^2/NDF:1337190.9/14

Left: 540.742+/-0.080 χ^2/NDF: 3096333.0/31

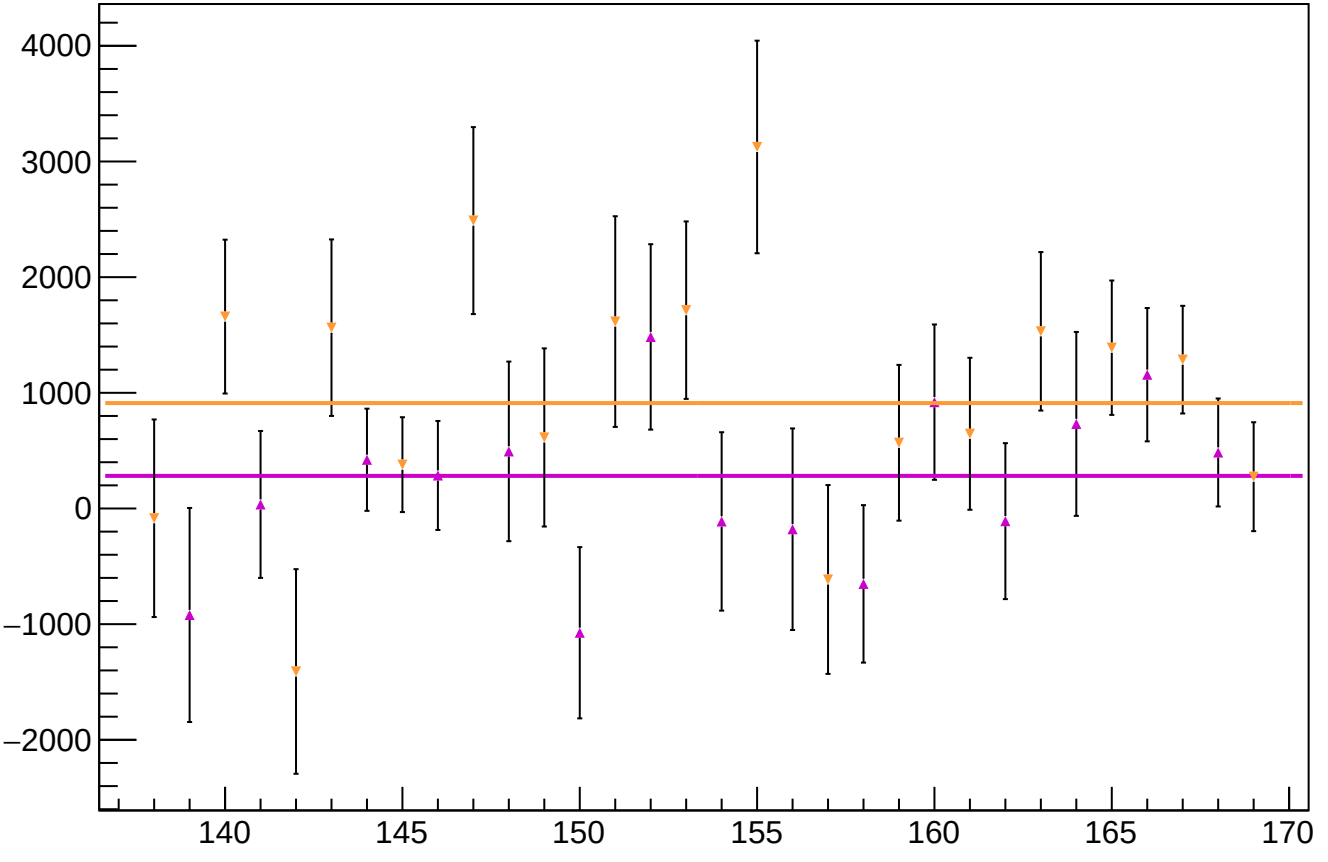
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 545.394+/-0.116 χ^2/NDF:1337190.9/14

Out: 536.486+/-0.111 χ^2/NDF:1756058.8/16

All: 540.742+/-0.080 χ^2/NDF: 3096333.0/31

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 911.500+/-157.863 χ^2/NDF:31.3/16

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

Left In: 282.013+/-164.234 χ^2/NDF:14.1/14

Left: 609.205+/-113.812 χ^2/NDF: 53.0/31

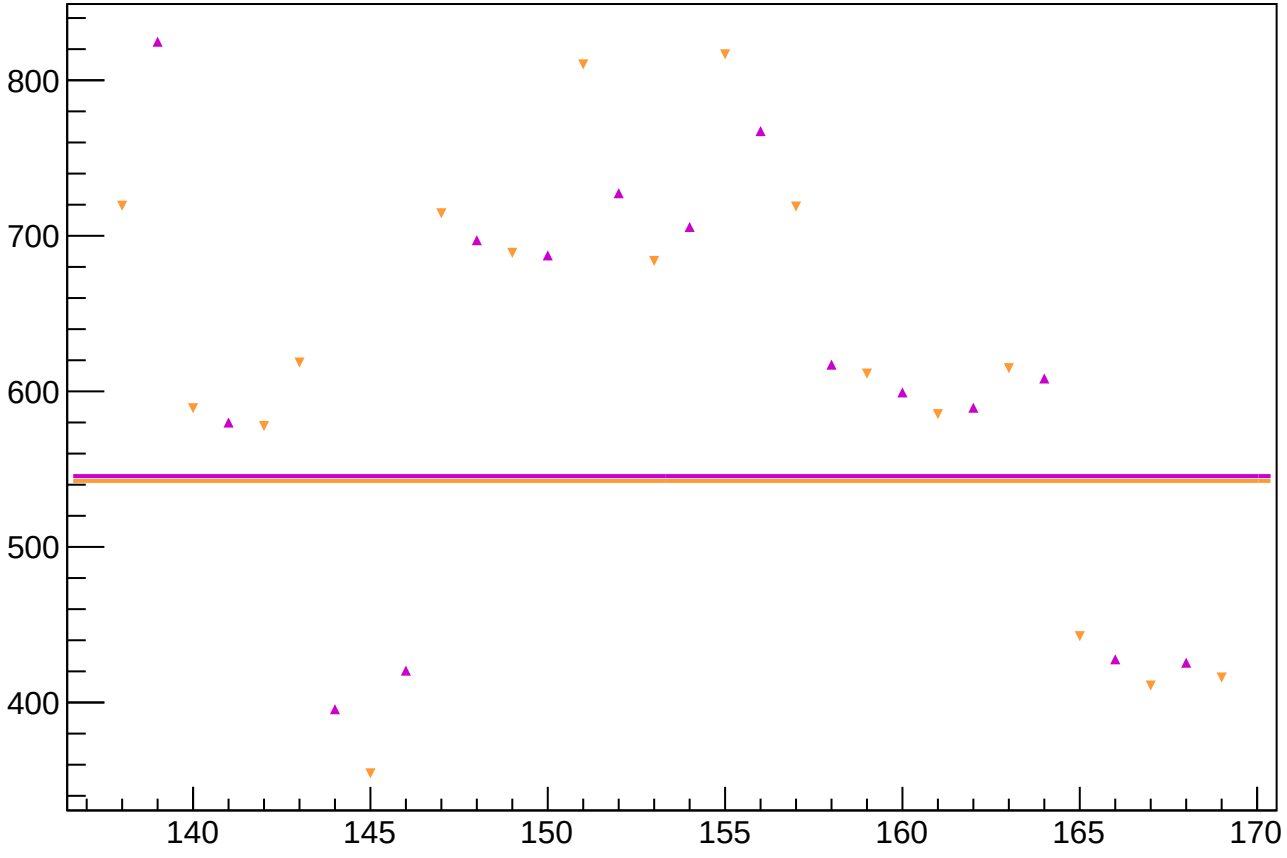
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 282.013+/-164.234 χ^2/NDF:14.1/14

Out: 911.500+/-157.863 χ^2/NDF:31.3/16

All: 609.205+/-113.812 χ^2/NDF: 53.0/31

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 542.457+/-0.112 χ^2/NDF:1629434.0/16

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

Left In: 545.537+/-0.116 χ^2/NDF:1299332.1/14

Left: 543.936+/-0.080 χ^2/NDF: 2929131.6/31

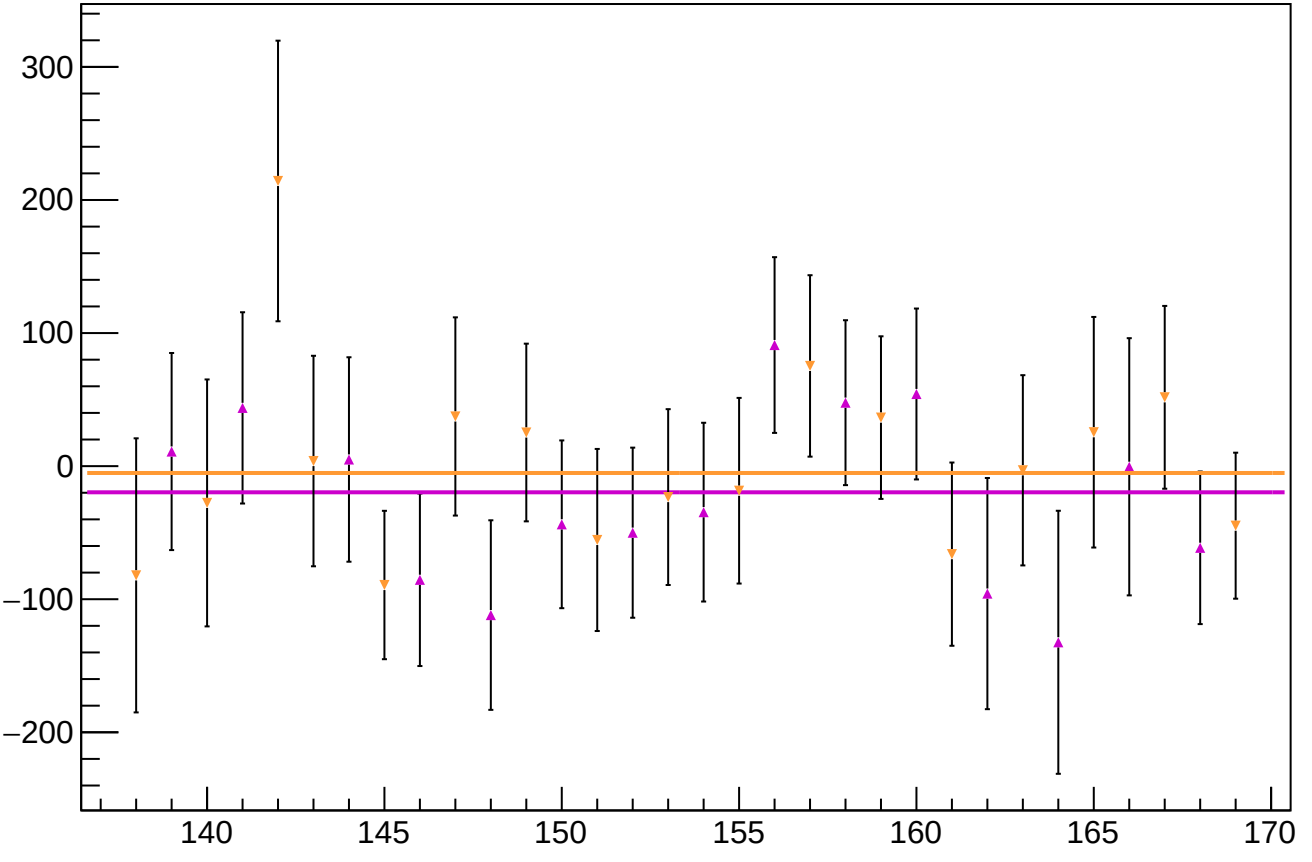
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 545.537+/-0.116 χ^2/NDF:1299332.1/14

Out: 542.457+/-0.112 χ^2/NDF:1629434.0/16

All: 543.936+/-0.080 χ^2/NDF: 2929131.6/31

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -5.137+/-17.144 χ^2/NDF:12.4/16

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

Left In: -19.657+/-18.026 χ^2/NDF:12.1/14

Left: -12.033+/-12.423 χ^2/NDF: 24.9/31

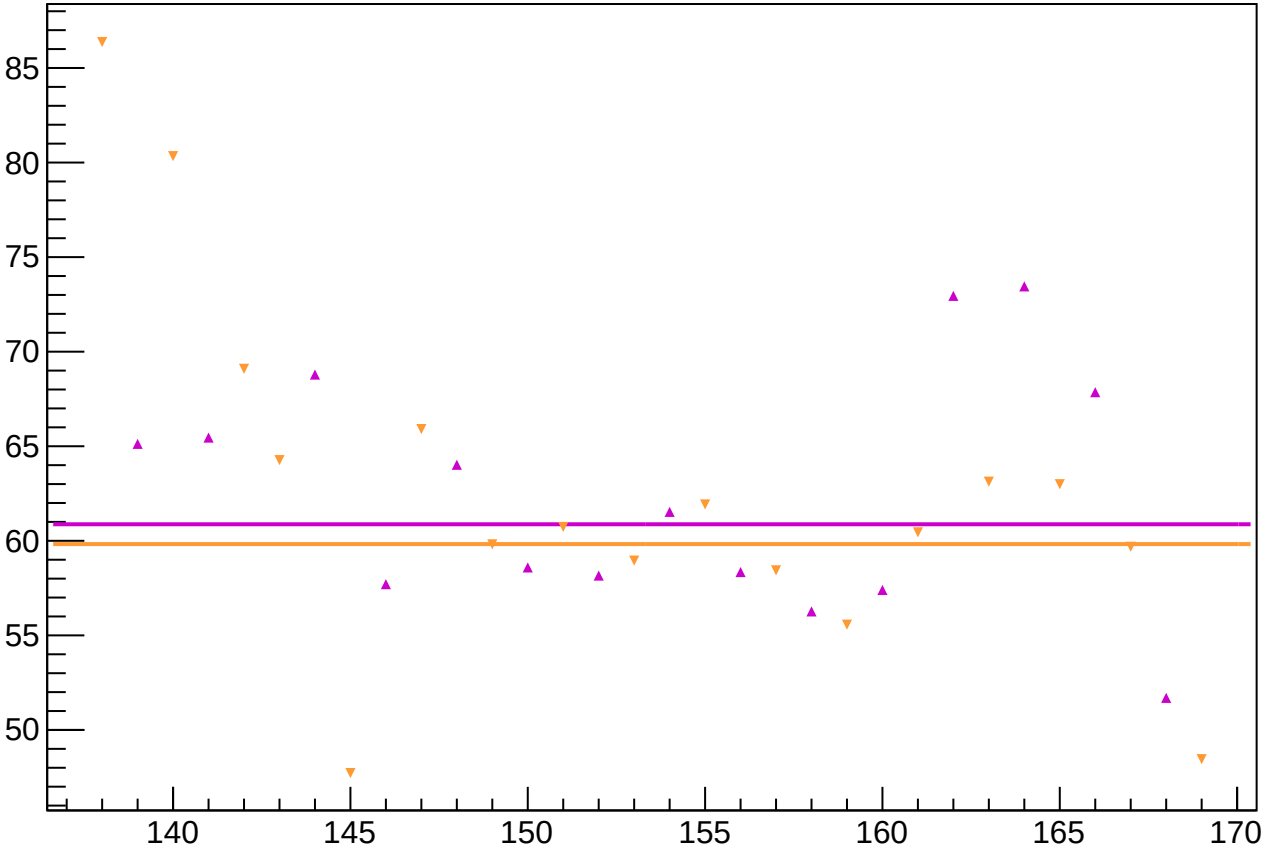
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.657+/-18.026 χ^2/NDF:12.1/14

Out: -5.137+/-17.144 χ^2/NDF:12.4/16

All: -12.033+/-12.423 χ^2/NDF: 24.9/31

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 59.828+/-0.012 χ^2/NDF:466122.9/16

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

Left In: 60.875+/-0.013 χ^2/NDF:203645.7/14

Left: 60.325+/-0.009 χ^2/NDF: 673312.1/31

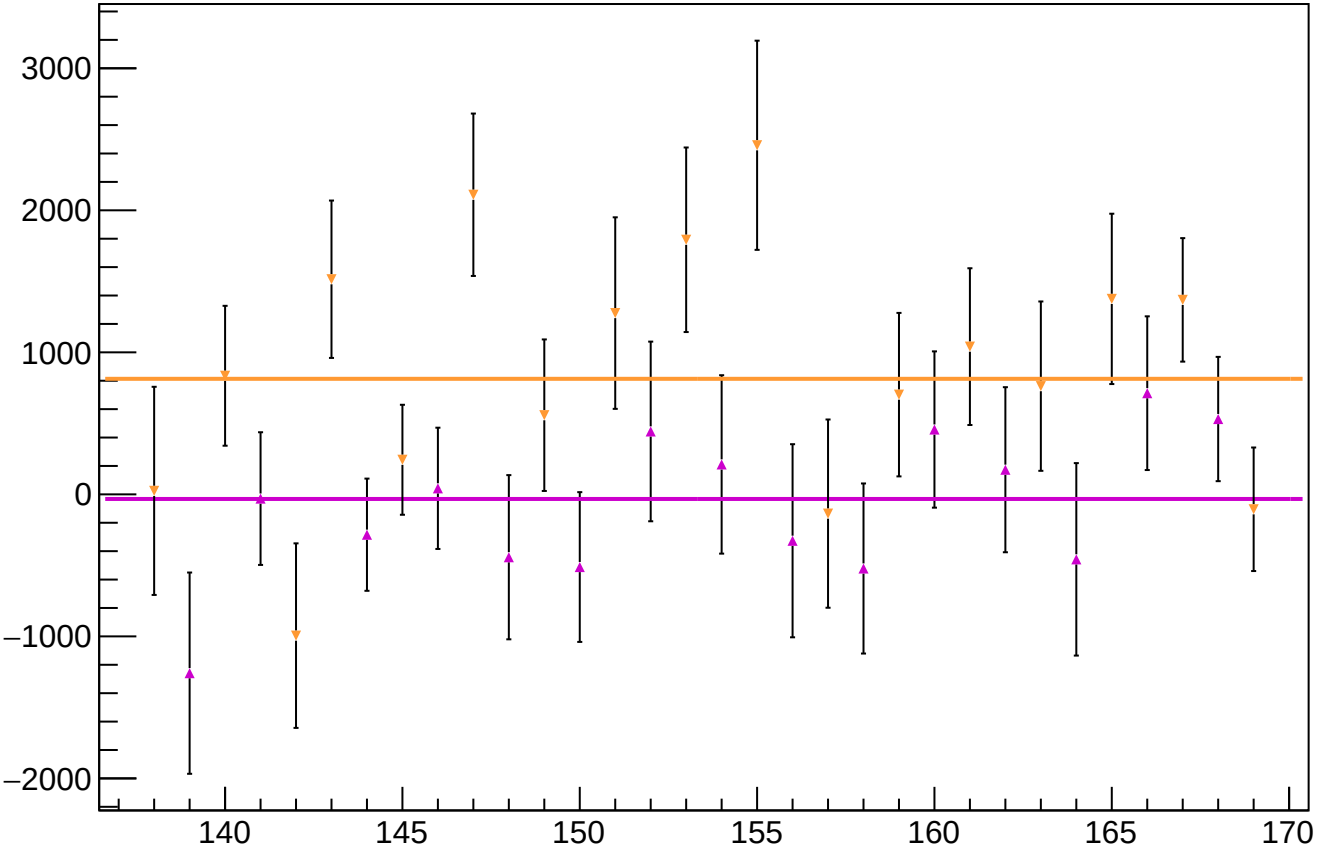
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.875+/-0.013 χ^2/NDF:203645.7/14

Out: 59.828+/-0.012 χ^2/NDF:466122.9/16

All: 60.325+/-0.009 χ^2/NDF: 673312.1/31

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: 813.535+/-133.609 χ^2/NDF:35.0/16

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

Left In: -32.439+/-138.508 χ^2/NDF:11.2/14

Left: 405.775+/-96.161 χ^2/NDF: 65.5/31

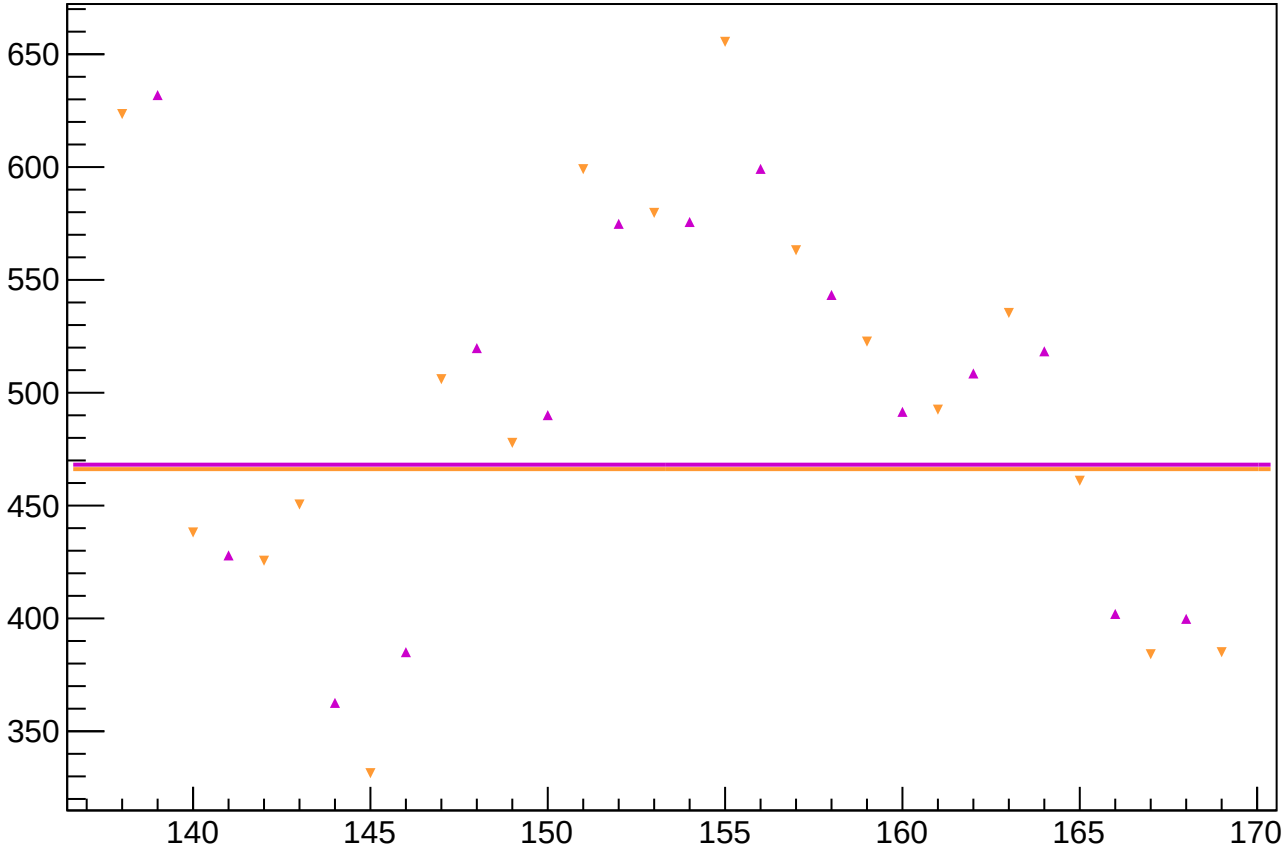
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.439+/-138.508 χ^2/NDF:11.2/14

Out: 813.535+/-133.609 χ^2/NDF:35.0/16

All: 405.775+/-96.161 χ^2/NDF: 65.5/31

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: 466.152+/-0.094 χ^2/NDF:866421.5/16

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

Left In: 468.127+/-0.098 χ^2/NDF:683983.9/14

Left: 467.104+/-0.068 χ^2/NDF: 1550616.3/31

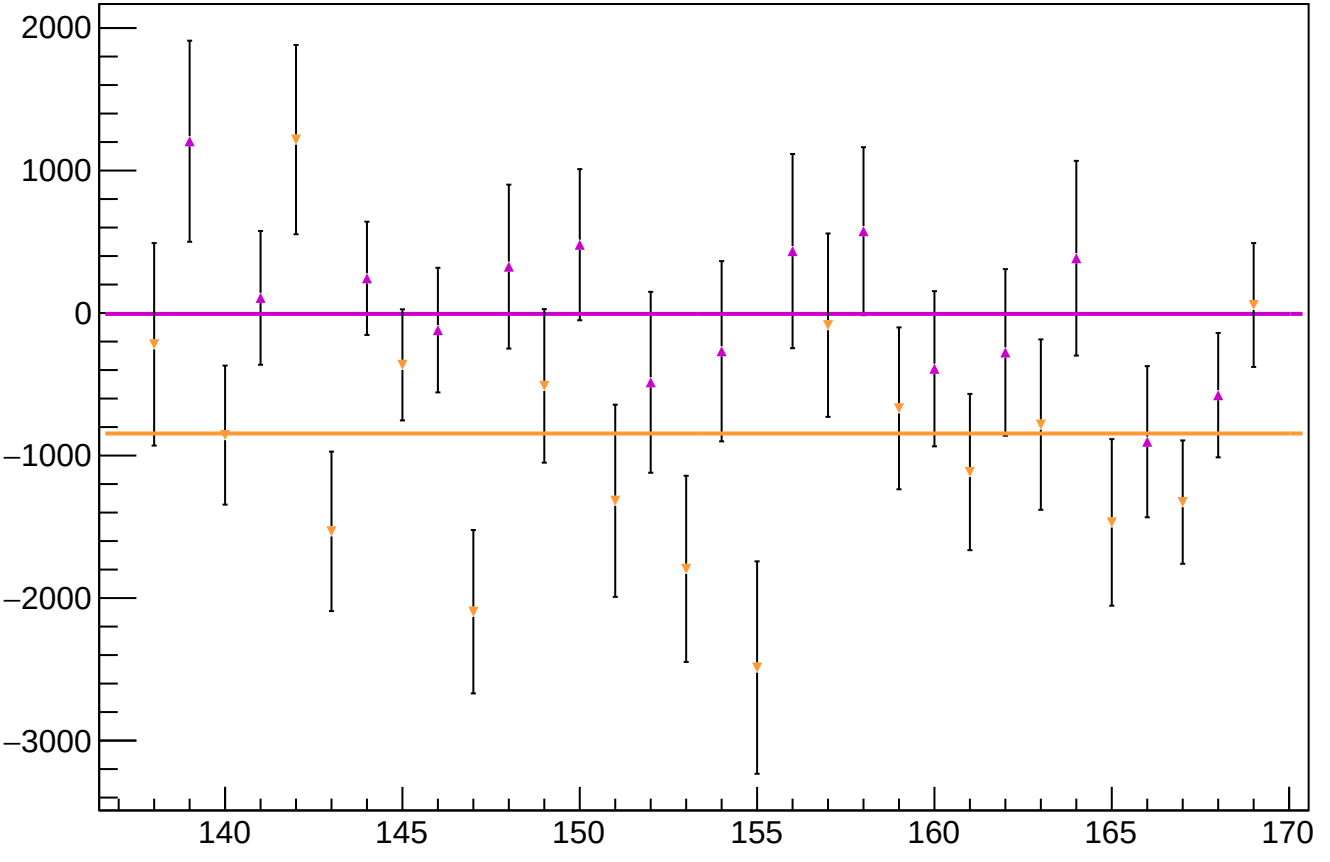
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 468.127+/-0.098 χ^2/NDF:683983.9/14

Out: 466.152+/-0.094 χ^2/NDF:866421.5/16

All: 467.104+/-0.068 χ^2/NDF: 1550616.3/31

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -845.081+/-133.335 χ^2/NDF:34.5/16

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

Left In: -5.905+/-138.743 χ^2/NDF:12.4/14

Left: -442.166+/-96.137 χ^2/NDF: 65.9/31

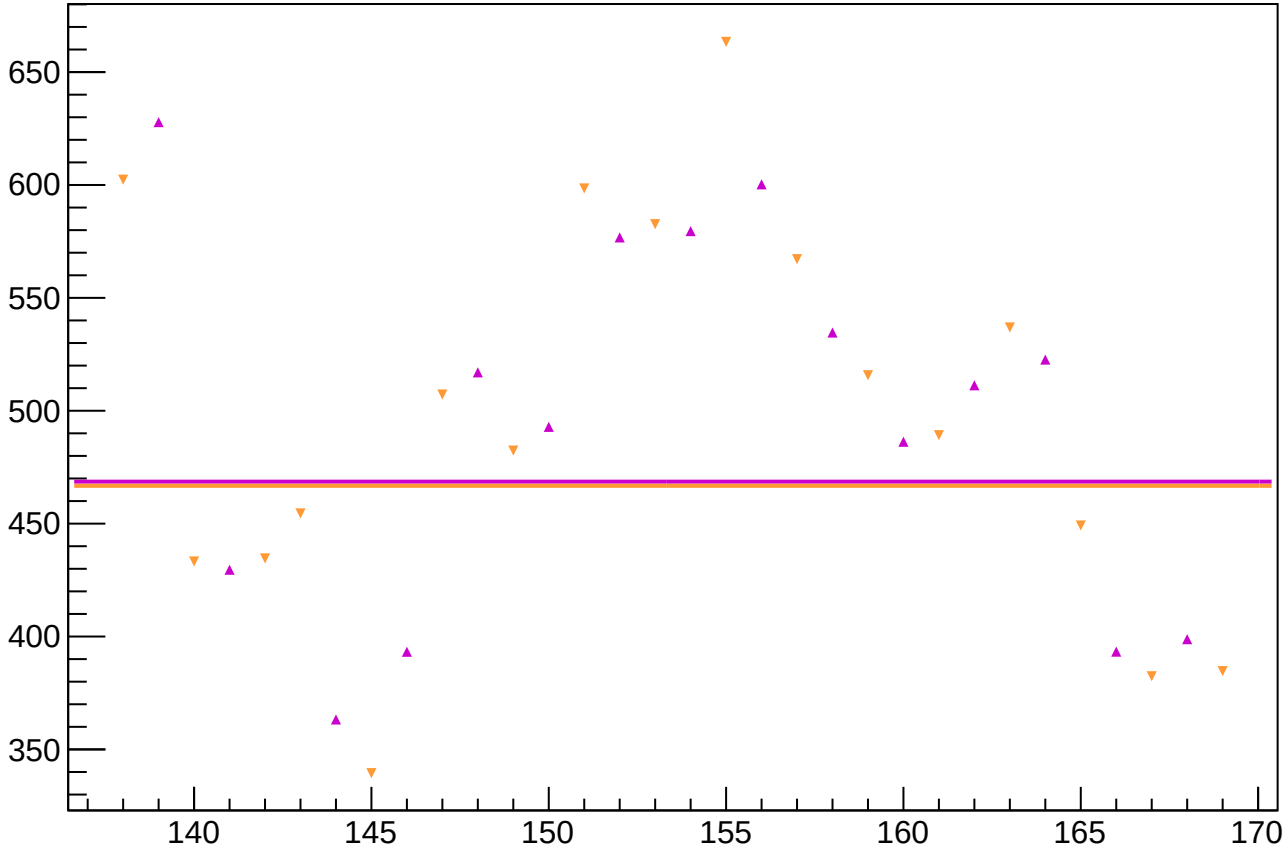
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.905+/-138.743 χ^2/NDF:12.4/14

Out: -845.081+/-133.335 χ^2/NDF:34.5/16

All: -442.166+/-96.137 χ^2/NDF: 65.9/31

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 466.744+/-0.094 χ^2/NDF:834619.3/16

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

Left In: 468.599+/-0.098 χ^2/NDF:670210.0/14

Left: 467.635+/-0.068 χ^2/NDF: 1505015.2/31

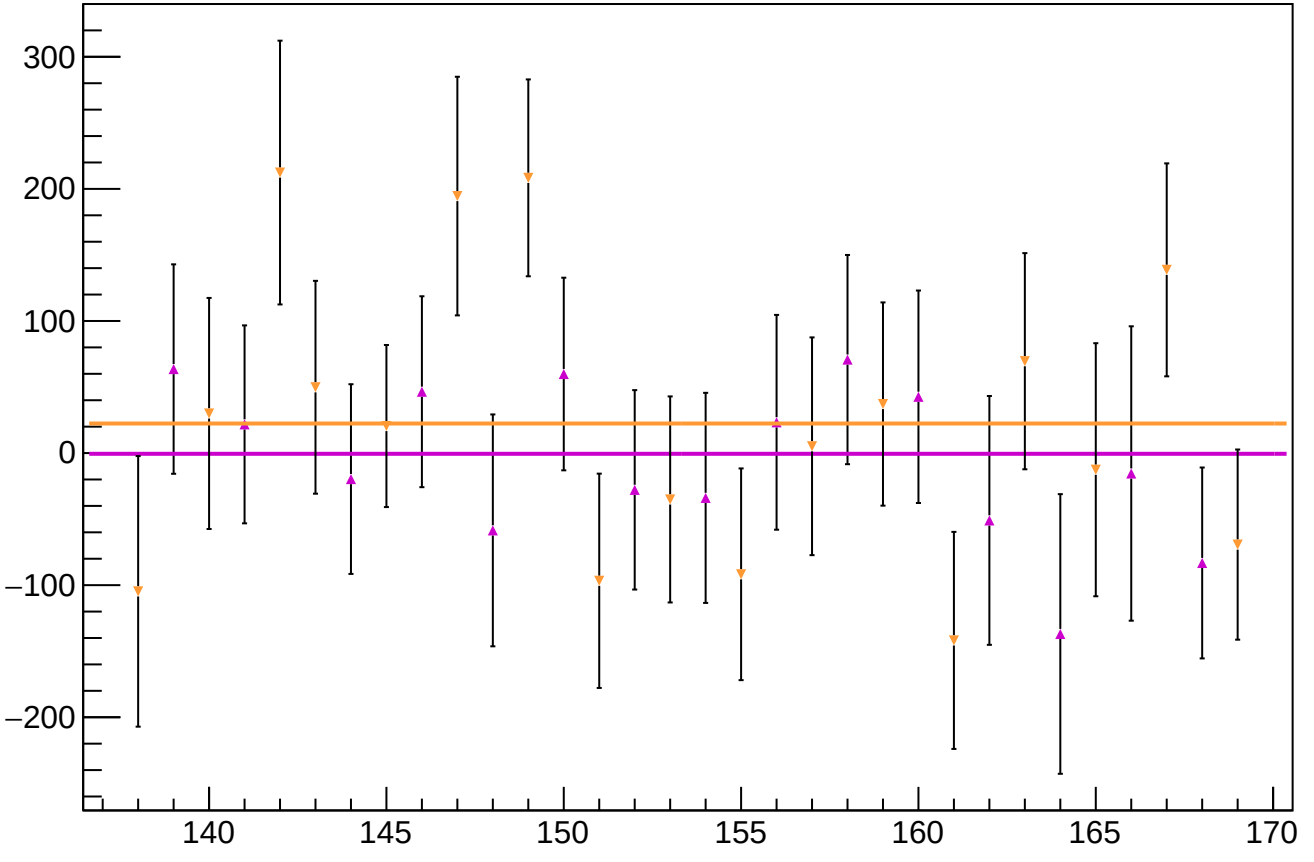
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 468.599+/-0.098 χ^2/NDF:670210.0/14

Out: 466.744+/-0.094 χ^2/NDF:834619.3/16

All: 467.635+/-0.068 χ^2/NDF: 1505015.2/31

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 22.379+/-19.649 χ^2/NDF:28.1/16

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

Left In: -0.551+/-20.791 χ^2/NDF:7.1/14

Left: 11.561+/-14.281 χ^2/NDF: 35.9/31

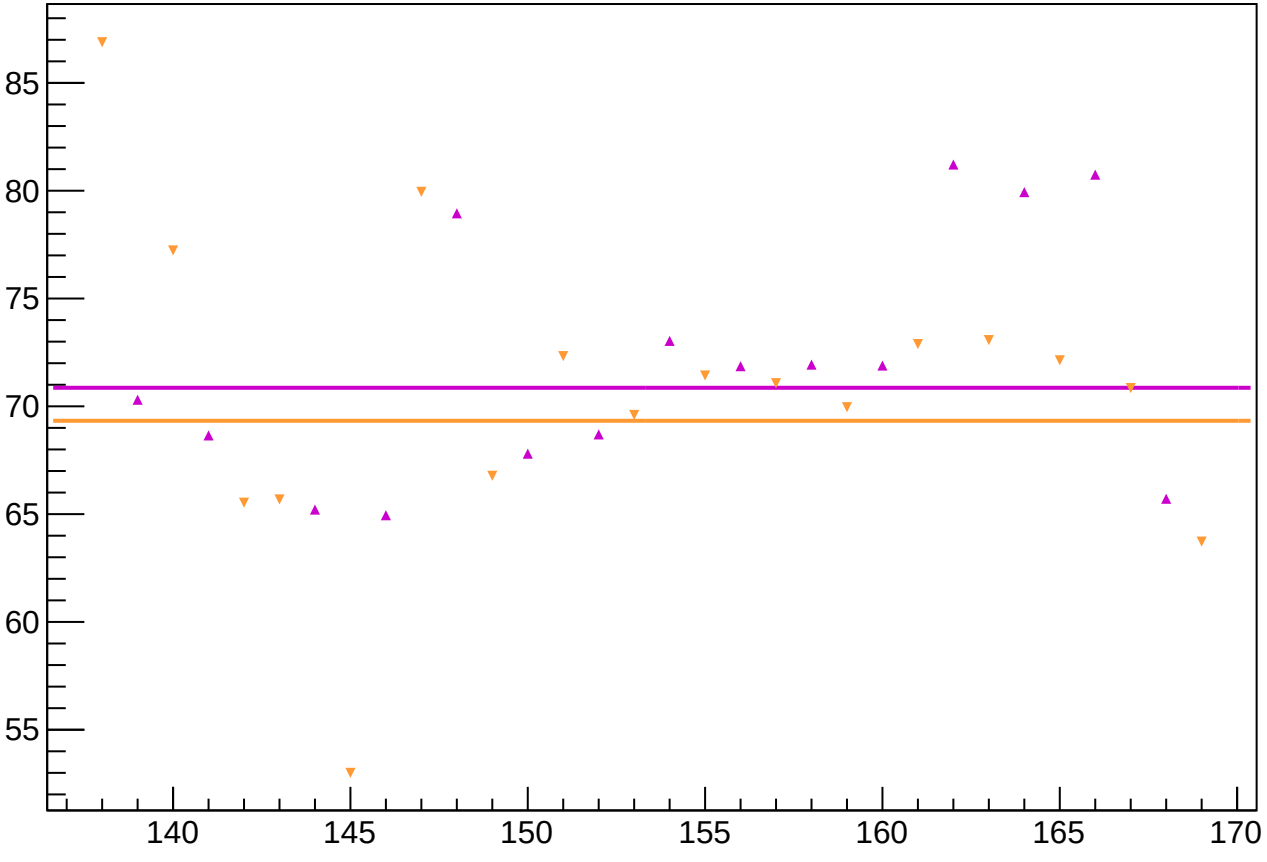
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.551+/-20.791 χ^2/NDF:7.1/14

Out: 22.379+/-19.649 χ^2/NDF:28.1/16

All: 11.561+/-14.281 χ^2/NDF: 35.9/31

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: 69.330+/-0.014 χ^2/NDF:281354.7/16

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

Left In: 70.860+/-0.015 χ^2/NDF:116981.2/14

Left: 70.052+/-0.010 χ^2/NDF: 404061.5/31

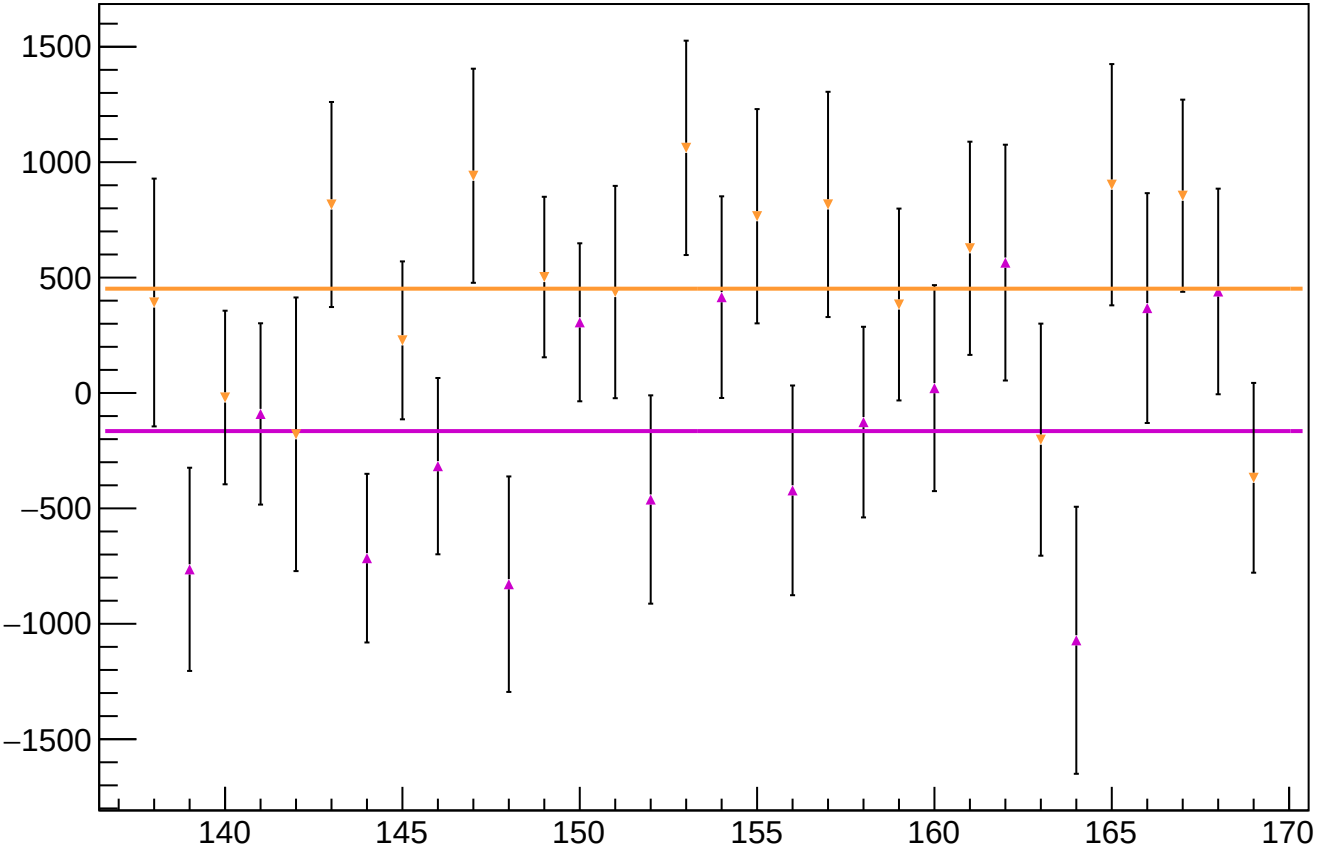
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 70.860+/-0.015 χ^2/NDF:116981.2/14

Out: 69.330+/-0.014 χ^2/NDF:281354.7/16

All: 70.052+/-0.010 χ^2/NDF: 404061.5/31

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: 451.904+/-106.661 χ^2/NDF:15.2/16

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

Left In: -165.112+/-111.189 χ^2/NDF:18.4/14

Left: 156.215+/-76.972 χ^2/NDF: 49.7/31

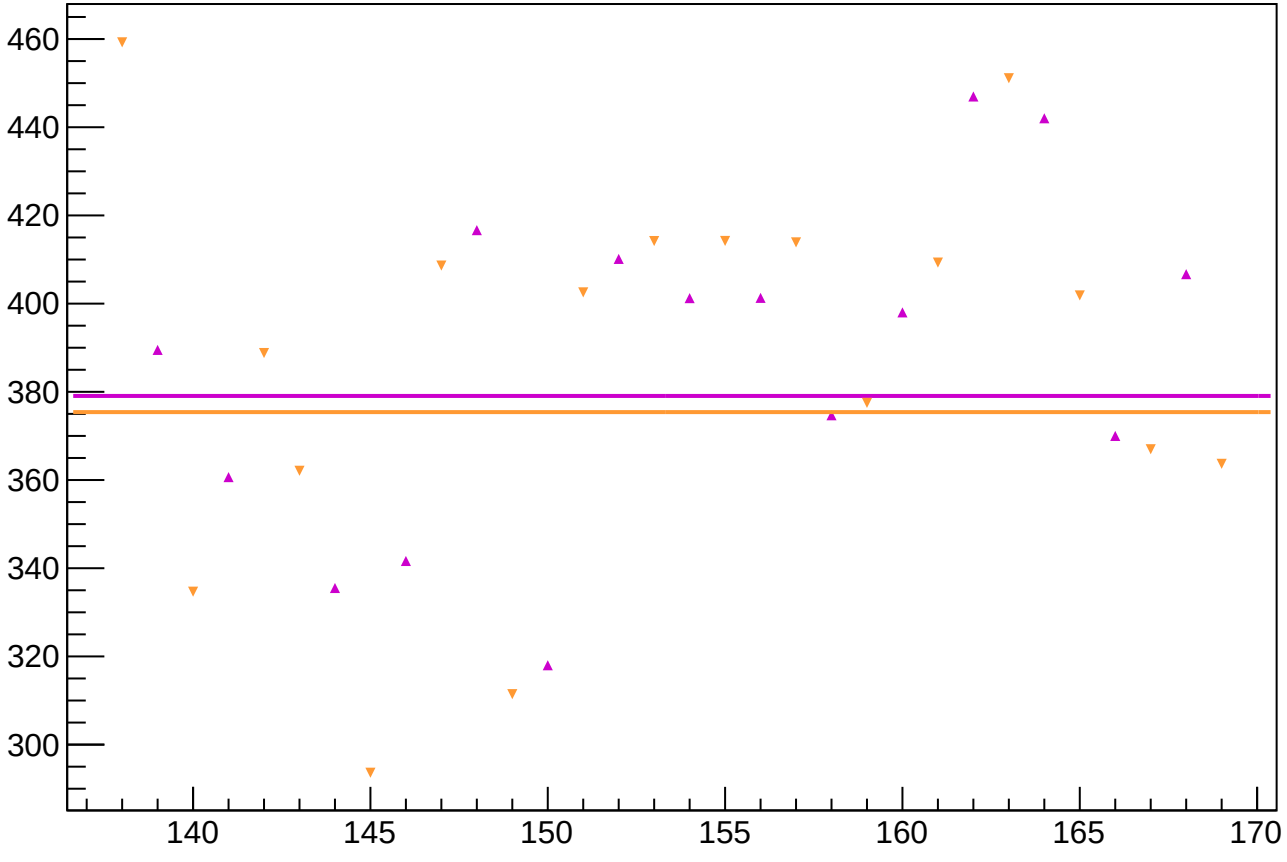
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -165.112+/-111.189 χ^2/NDF:18.4/14

Out: 451.904+/-106.661 χ^2/NDF:15.2/16

All: 156.215+/-76.972 χ^2/NDF: 49.7/31

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: 375.401+/-0.075 χ^2/NDF:378360.7/16

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

Left In: 379.067+/-0.079 χ^2/NDF:220427.6/14

Left: 377.158+/-0.054 χ^2/NDF: 599920.7/31

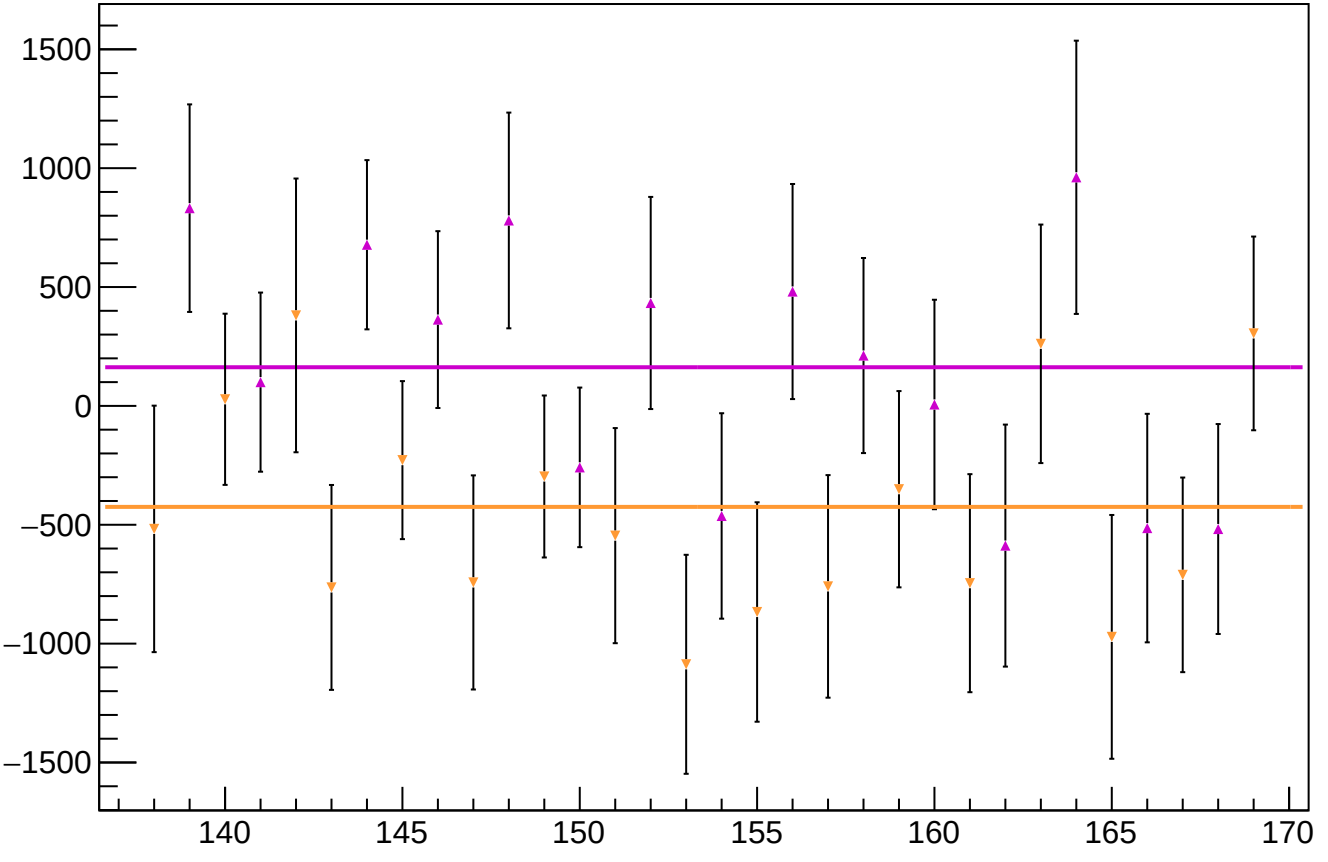
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 379.067+/-0.079 χ^2/NDF:220427.6/14

Out: 375.401+/-0.075 χ^2/NDF:378360.7/16

All: 377.158+/-0.054 χ^2/NDF: 599920.7/31

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -424.784+/-104.437 χ^2/NDF:16.0/16

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

Left In: 162.636+/-109.208 χ^2/NDF:19.8/14

Left: -144.184+/-75.478 χ^2/NDF: 50.8/31

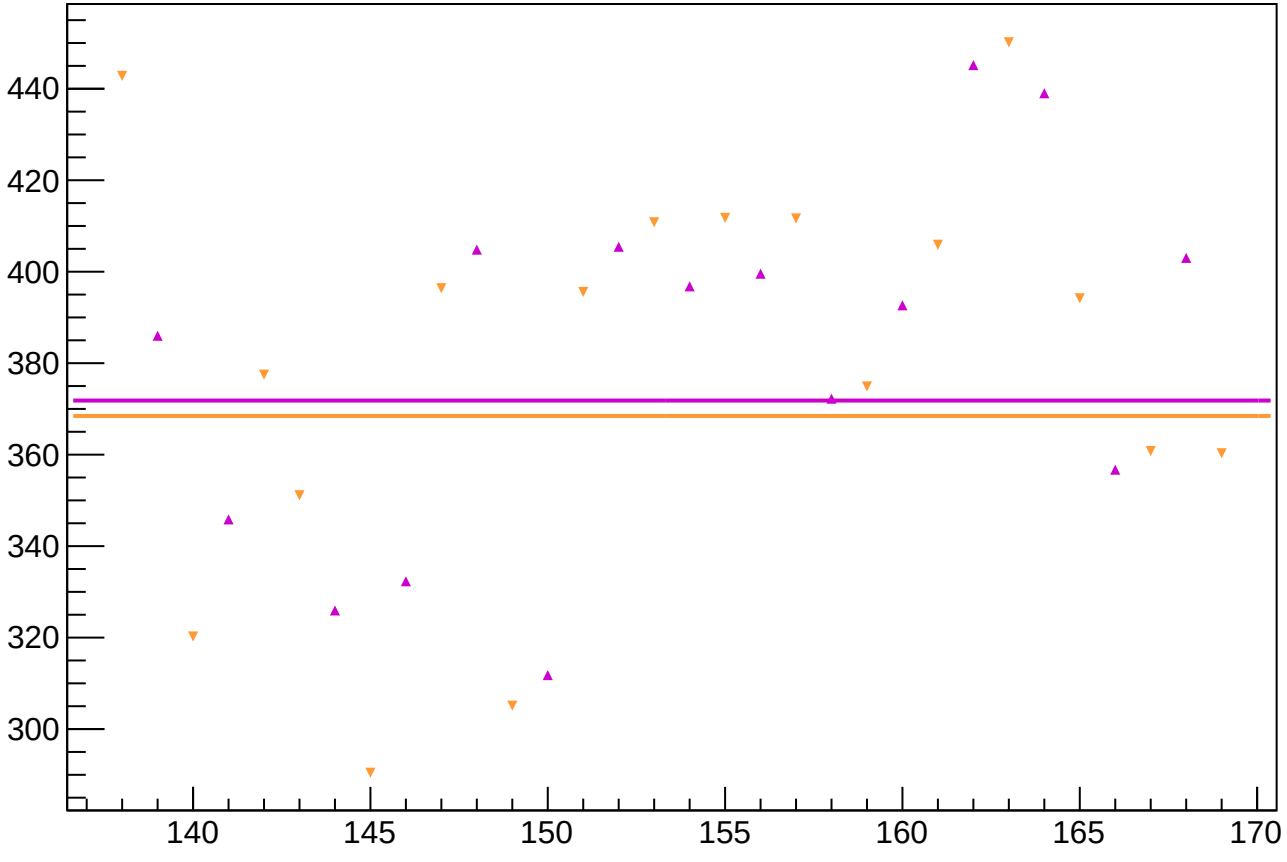
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 162.636+/-109.208 χ^2/NDF:19.8/14

Out: -424.784+/-104.437 χ^2/NDF:16.0/16

All: -144.184+/-75.478 χ^2/NDF: 50.8/31

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 368.461+/-0.074 χ^2/NDF:399850.9/16

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

Left In: 371.831+/-0.077 χ^2/NDF:252822.5/14

Left: 370.071+/-0.053 χ^2/NDF: 653668.3/31

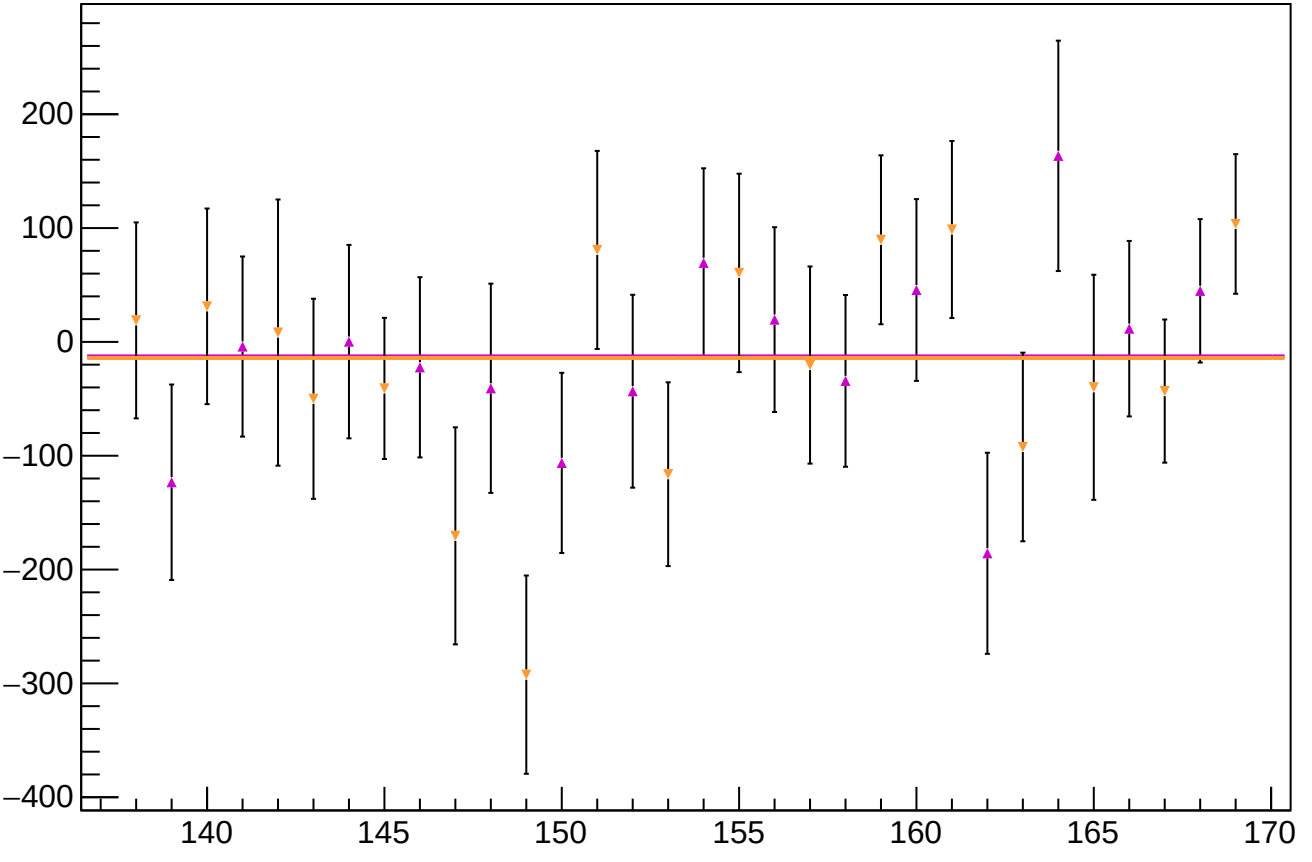
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 371.831+/-0.077 χ^2/NDF:252822.5/14

Out: 368.461+/-0.074 χ^2/NDF:399850.9/16

All: 370.071+/-0.053 χ^2/NDF: 653668.3/31

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: -14.095+/-19.465 χ^2/NDF:26.2/16

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

Left In: -12.746+/-20.915 χ^2/NDF:12.9/14

Left: -13.469+/-14.249 χ^2/NDF: 39.0/31

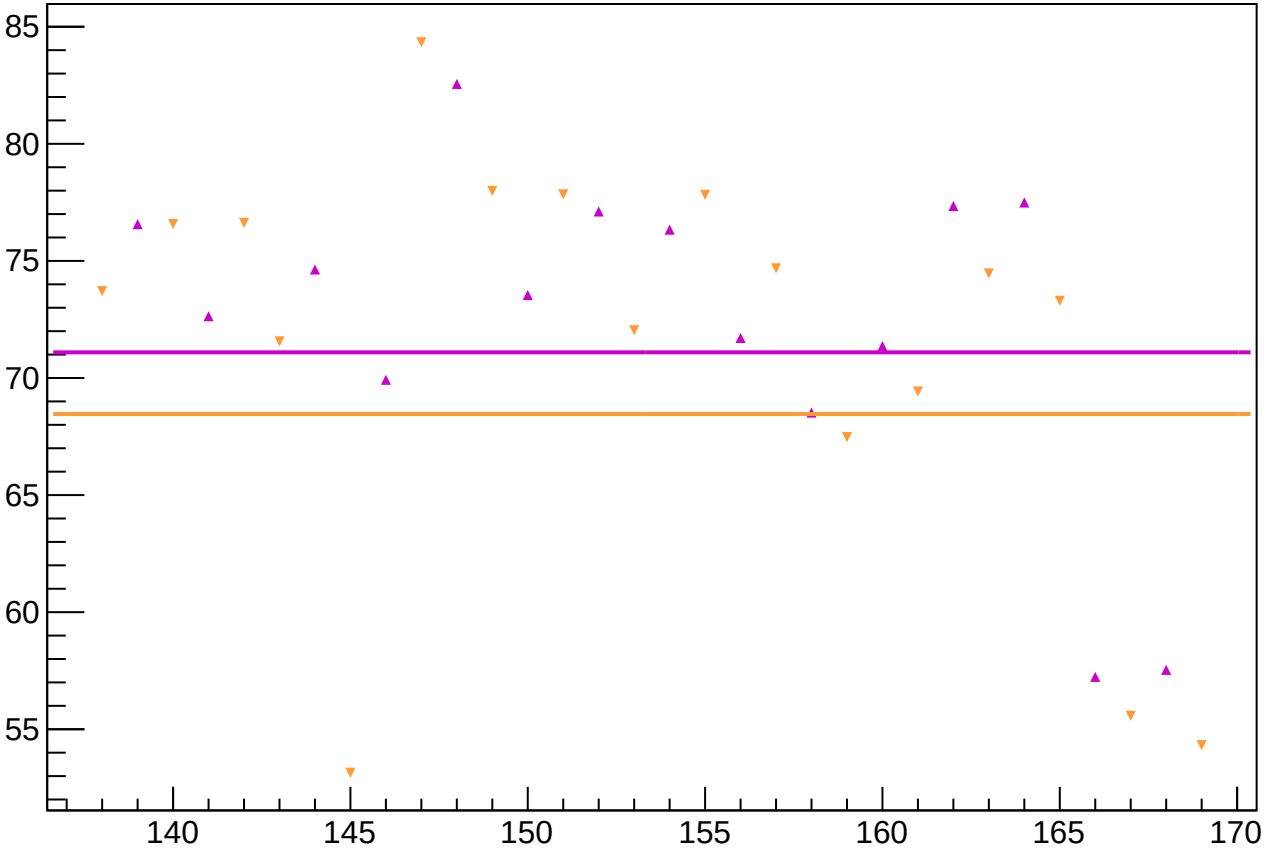
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.746+/-20.915 χ^2/NDF:12.9/14

Out: -14.095+/-19.465 χ^2/NDF:26.2/16

All: -13.469+/-14.249 χ^2/NDF: 39.0/31

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: 68.463+/-0.014 χ^2/NDF:505837.2/16

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

Left In: 71.096+/-0.015 χ^2/NDF:241602.7/14

Left: 69.685+/-0.010 χ^2/NDF: 764427.7/31

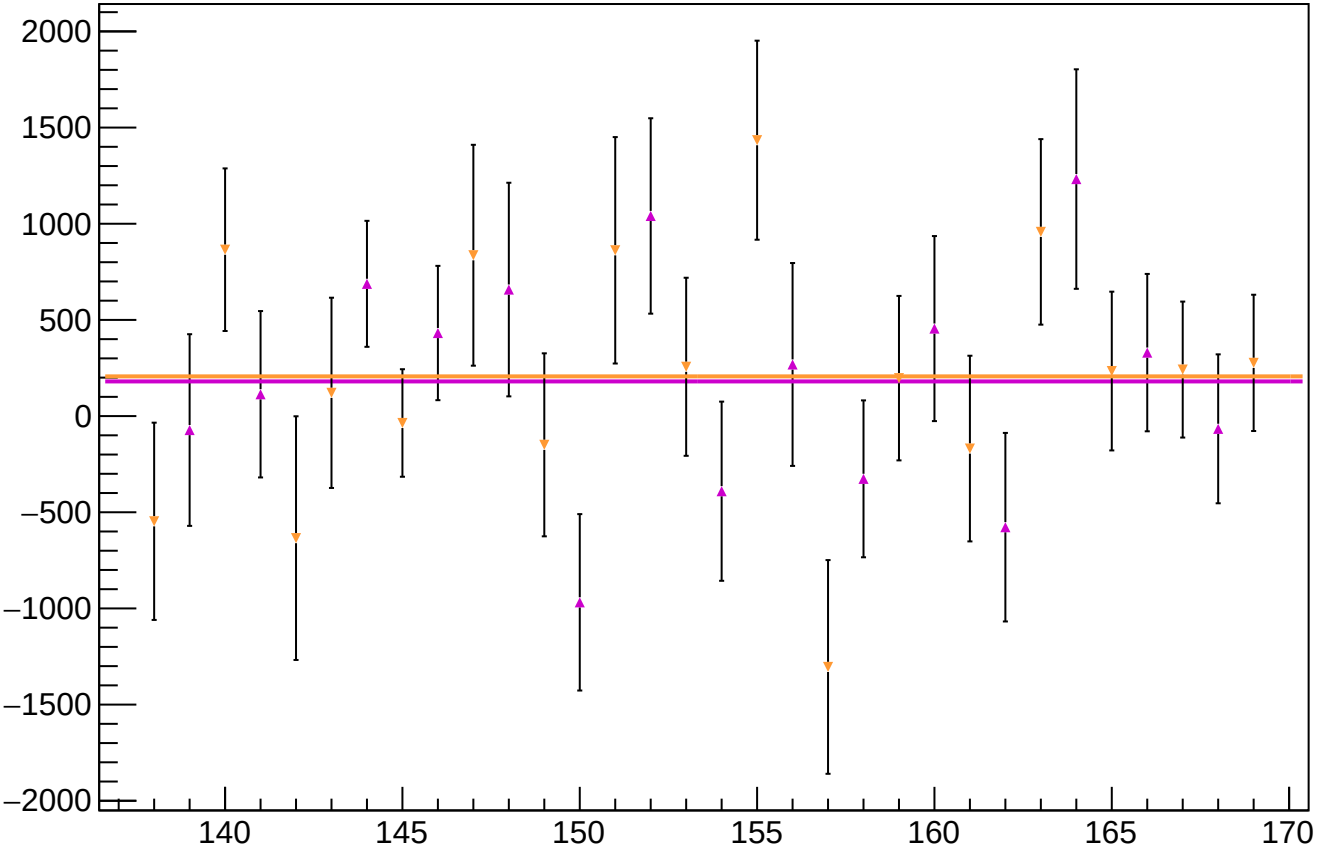
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.096+/-0.015 χ^2/NDF:241602.7/14

Out: 68.463+/-0.014 χ^2/NDF:505837.2/16

All: 69.685+/-0.010 χ^2/NDF: 764427.7/31

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: 206.481+/-107.420 χ^2/NDF:26.3/16

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

Left In: 180.184+/-113.823 χ^2/NDF:22.8/14

Left: 194.093+/-78.123 χ^2/NDF: 49.1/31

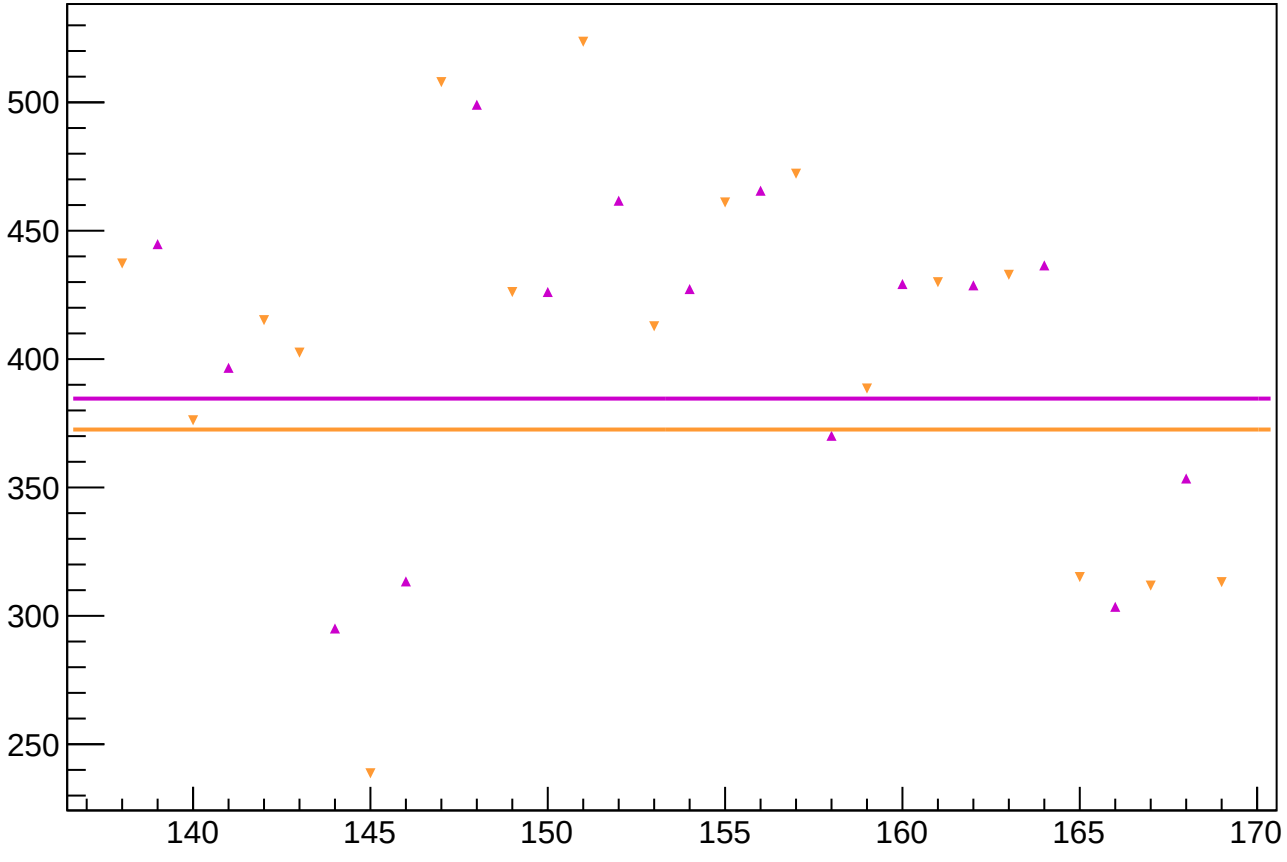
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 180.184+/-113.823 χ^2/NDF:22.8/14

Out: 206.481+/-107.420 χ^2/NDF:26.3/16

All: 194.093+/-78.123 χ^2/NDF: 49.1/31

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: 372.569+/-0.076 χ^2/NDF:1129559.4/16

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

Left In: 384.616+/-0.080 χ^2/NDF:618579.6/14

Left: 378.244+/-0.055 χ^2/NDF: 1759988.7/31

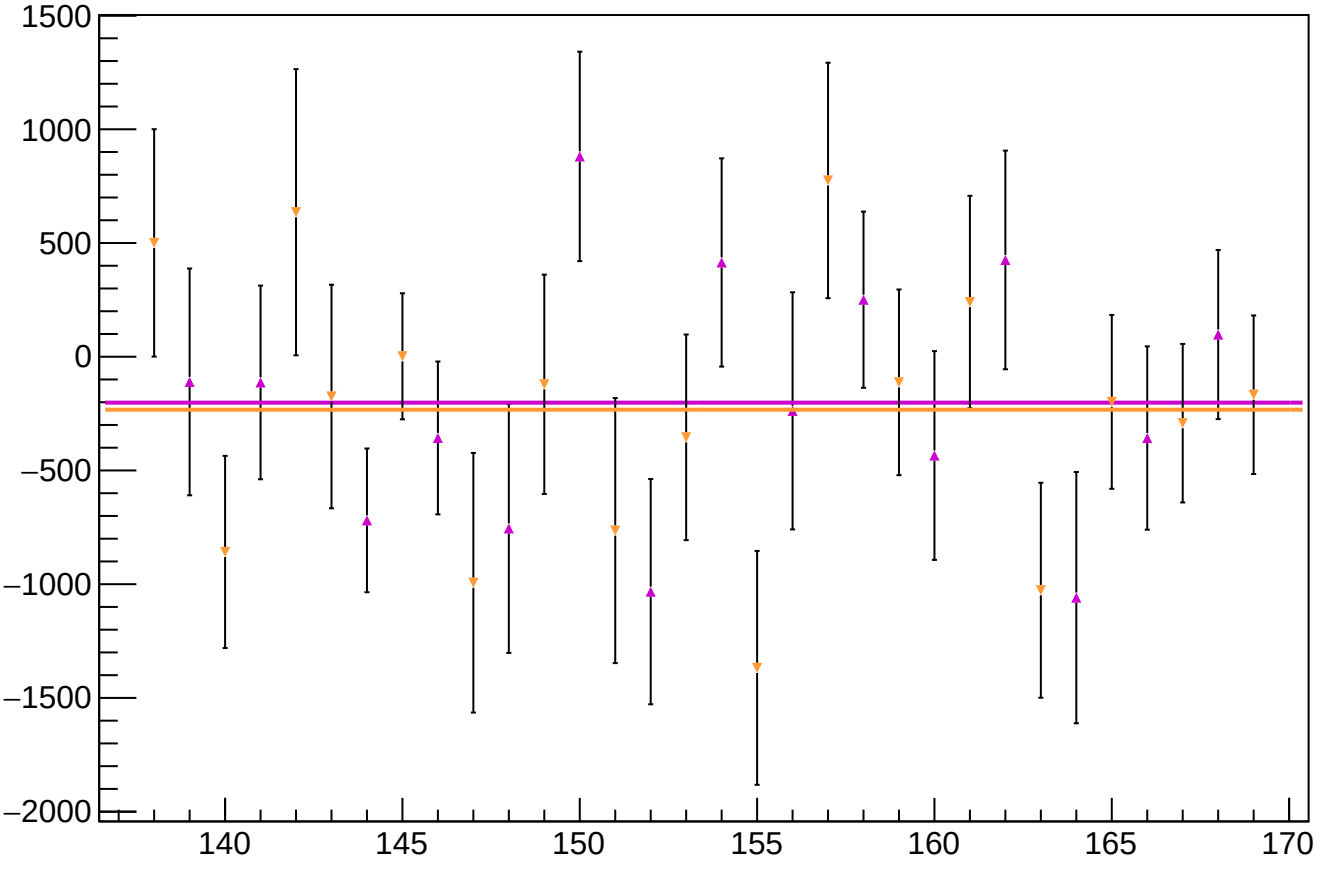
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 384.616+/-0.080 χ^2/NDF:618579.6/14

Out: 372.569+/-0.076 χ^2/NDF:1129559.4/16

All: 378.244+/-0.055 χ^2/NDF: 1759988.7/31

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -232.855+/-105.180 χ^2/NDF:22.4/16

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

Left In: -201.851+/-110.825 χ^2/NDF:20.7/14

Left: -218.163+/-76.291 χ^2/NDF: 43.1/31

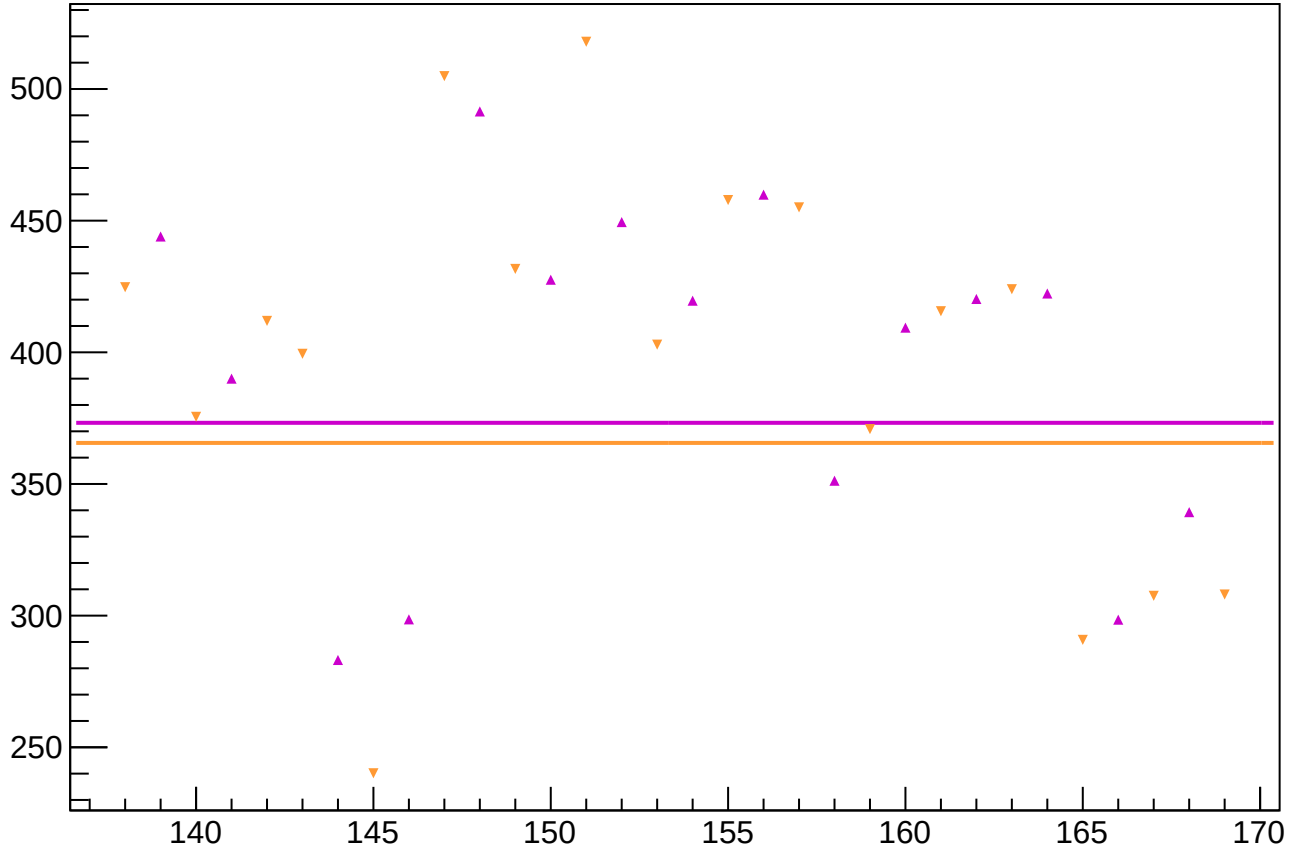
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -201.851+/-110.825 χ^2/NDF:20.7/14

Out: -232.855+/-105.180 χ^2/NDF:22.4/16

All: -218.163+/-76.291 χ^2/NDF: 43.1/31

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 365.593+/-0.074 χ^2/NDF:1130950.1/16

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

Left In: 373.228+/-0.078 χ^2/NDF:688420.4/14

Left: 369.211+/-0.054 χ^2/NDF: 1824363.8/31

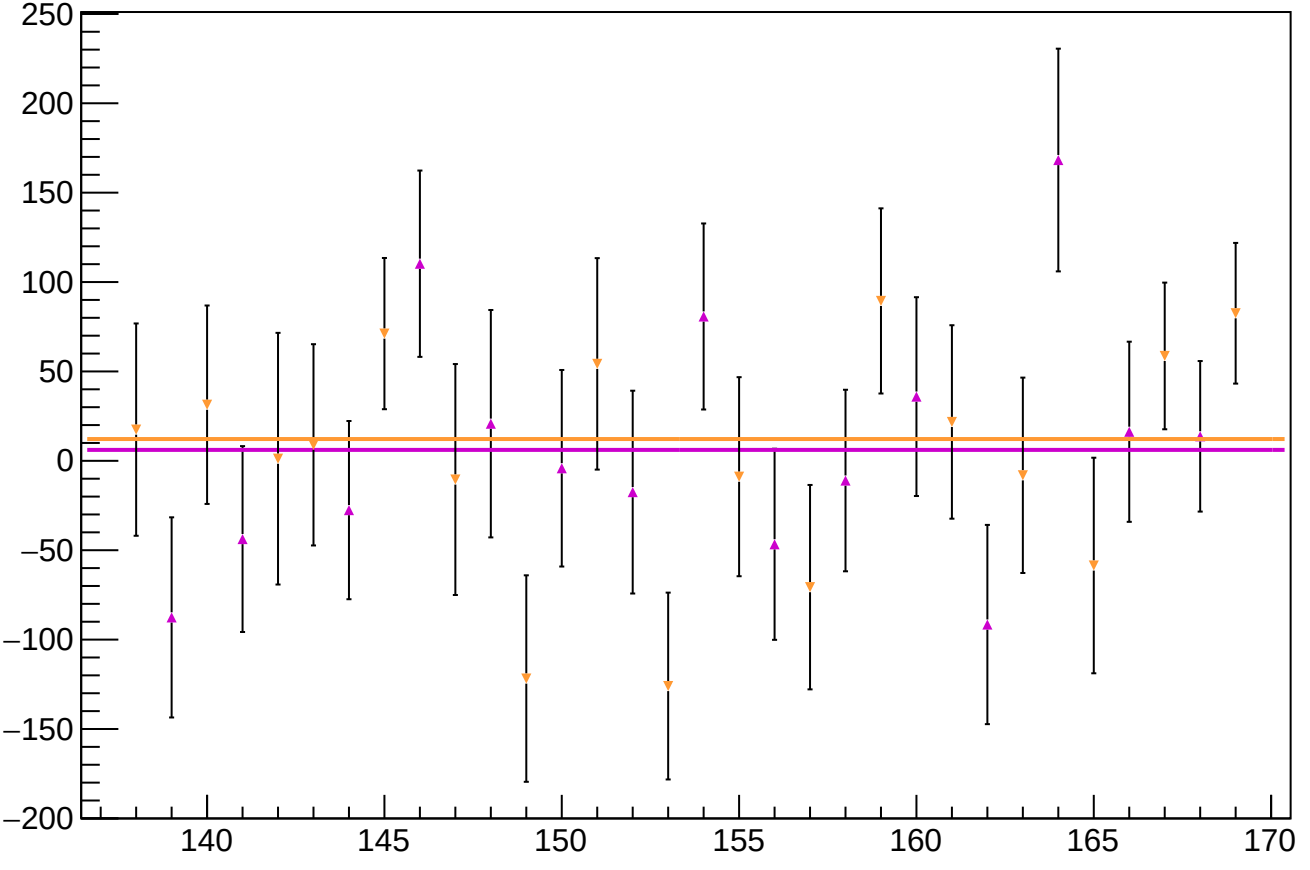
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 373.228+/-0.078 χ^2/NDF:688420.4/14

Out: 365.593+/-0.074 χ^2/NDF:1130950.1/16

All: 369.211+/-0.054 χ^2/NDF: 1824363.8/31

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: 12.190+/-12.835 χ^2/NDF:25.6/16

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

Left In: 6.119+/-13.714 χ^2/NDF:21.8/14

Left: 9.355+/-9.371 χ^2/NDF: 47.5/31

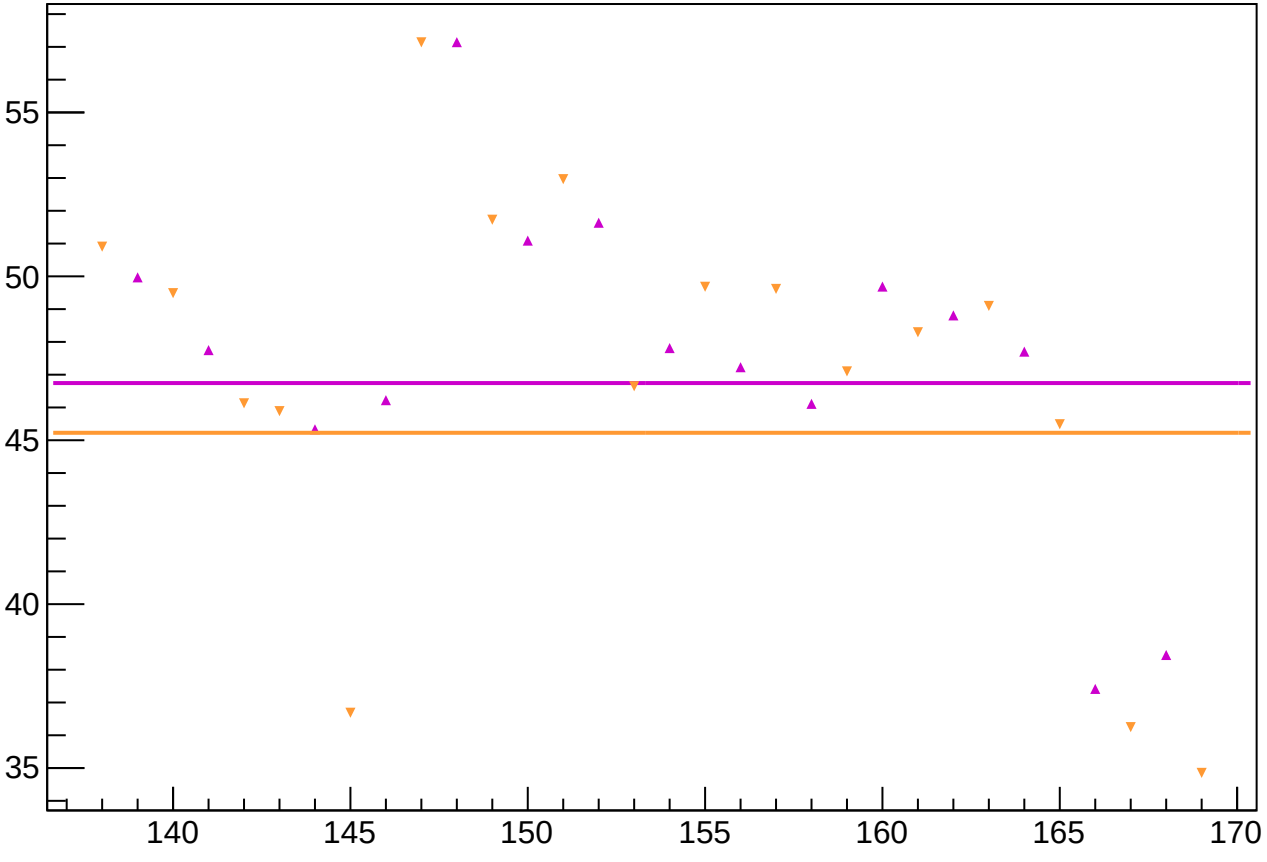
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 6.119+/-13.714 χ^2/NDF:21.8/14

Out: 12.190+/-12.835 χ^2/NDF:25.6/16

All: 9.355+/-9.371 χ^2/NDF: 47.5/31

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: 45.228+/-0.009 χ^2/NDF:519845.6/16

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

Left In: 46.744+/-0.010 χ^2/NDF:246373.8/14

Left: 45.936+/-0.007 χ^2/NDF: 779261.8/31

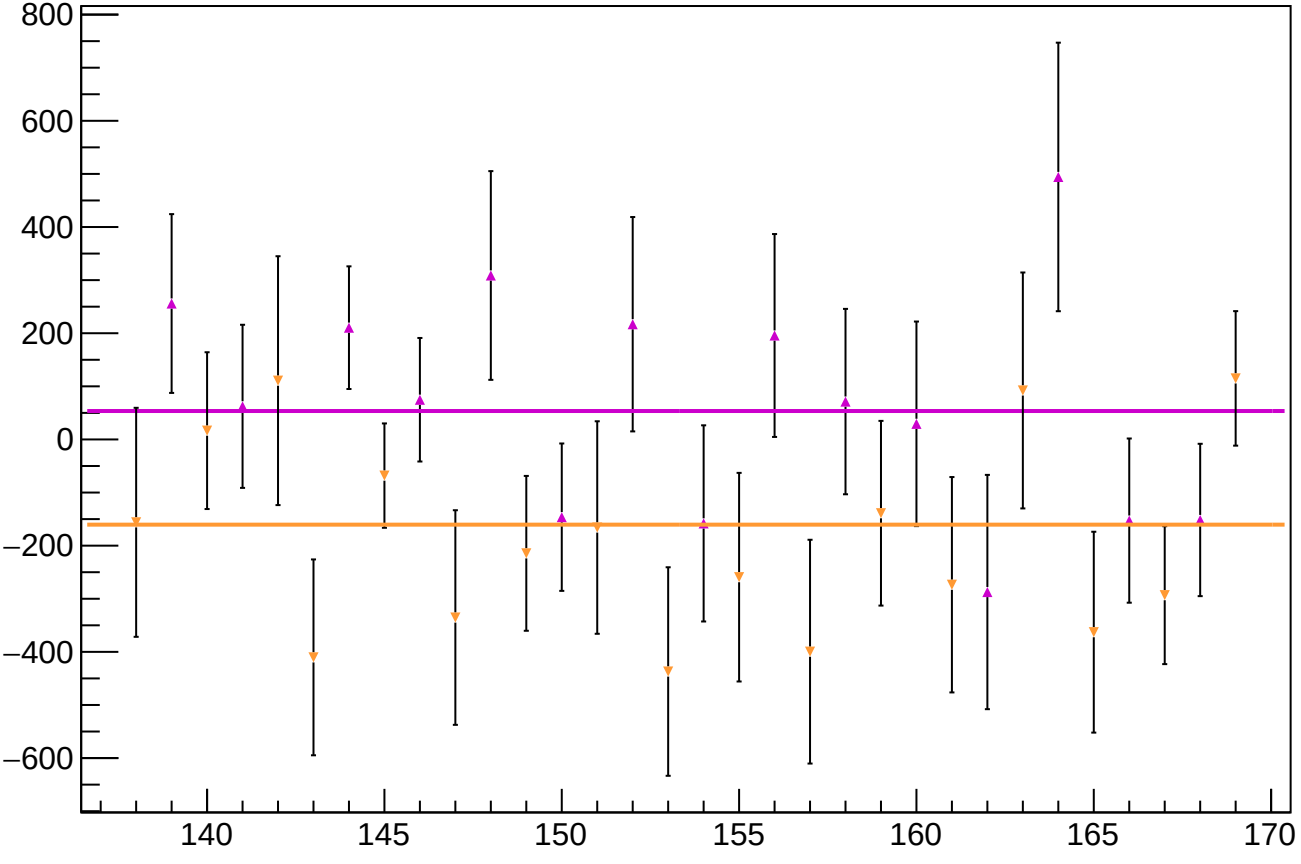
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 46.744+/-0.010 χ^2/NDF:246373.8/14

Out: 45.228+/-0.009 χ^2/NDF:519845.6/16

All: 45.936+/-0.007 χ^2/NDF: 779261.8/31

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: -160.449+/-40.266 χ^2/NDF:18.5/16

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

Left In: 53.532+/-41.808 χ^2/NDF:18.9/14

Left: -57.479+/-29.002 χ^2/NDF: 50.9/31

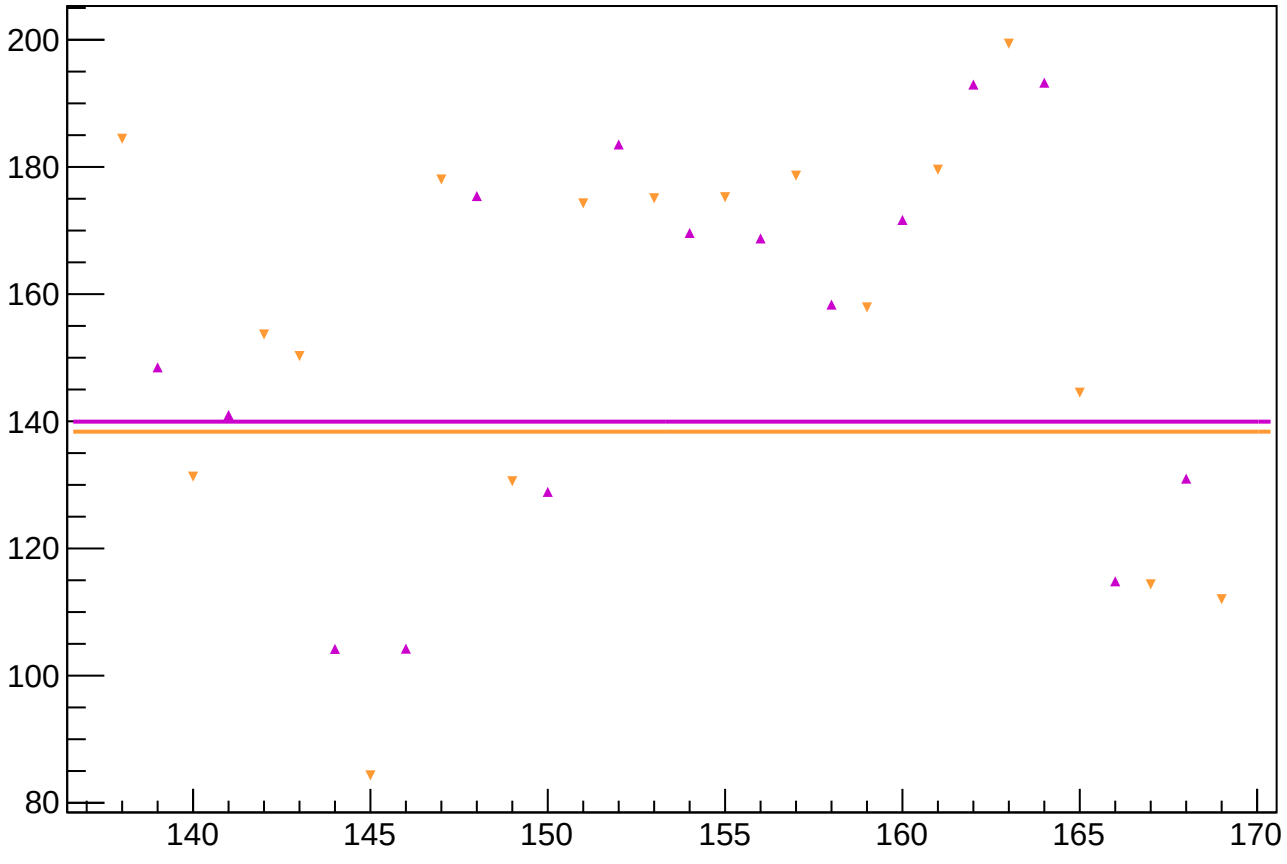
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.532+/-41.808 χ^2/NDF:18.9/14

Out: -160.449+/-40.266 χ^2/NDF:18.5/16

All: -57.479+/-29.002 χ^2/NDF: 50.9/31

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 138.372+/-0.028 χ^2/NDF:1494289.1/16

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

Left In: 139.946+/-0.030 χ^2/NDF:995011.6/14

Left: 139.129+/-0.021 χ^2/NDF: 2490770.6/31

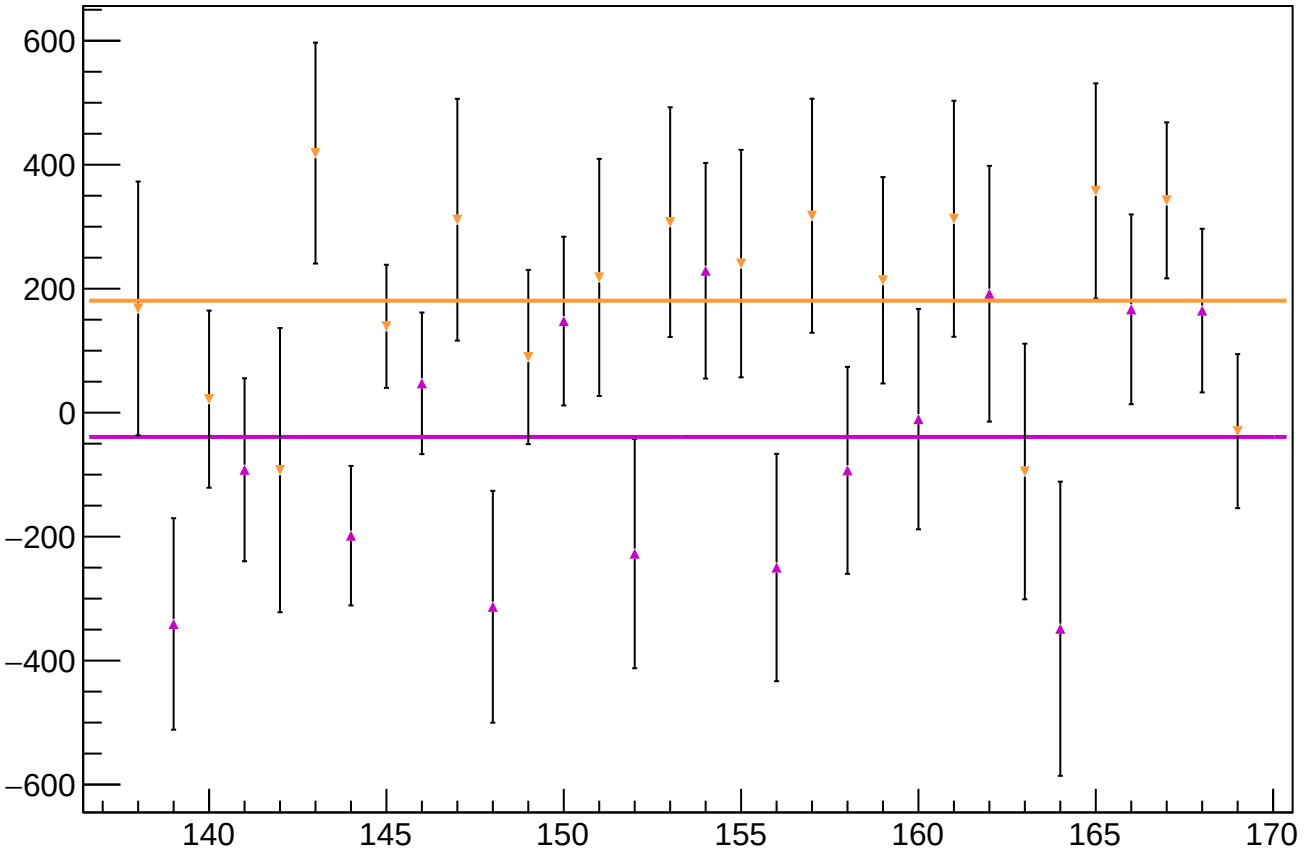
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 139.946+/-0.030 χ^2/NDF:995011.6/14

Out: 138.372+/-0.028 χ^2/NDF:1494289.1/16

All: 139.129+/-0.021 χ^2/NDF: 2490770.6/31

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 180.664+/-38.806 χ^2/NDF:14.5/16

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

Left In: -39.152+/-40.183 χ^2/NDF:21.9/14

Left: 74.586+/-27.914 χ^2/NDF: 51.9/31

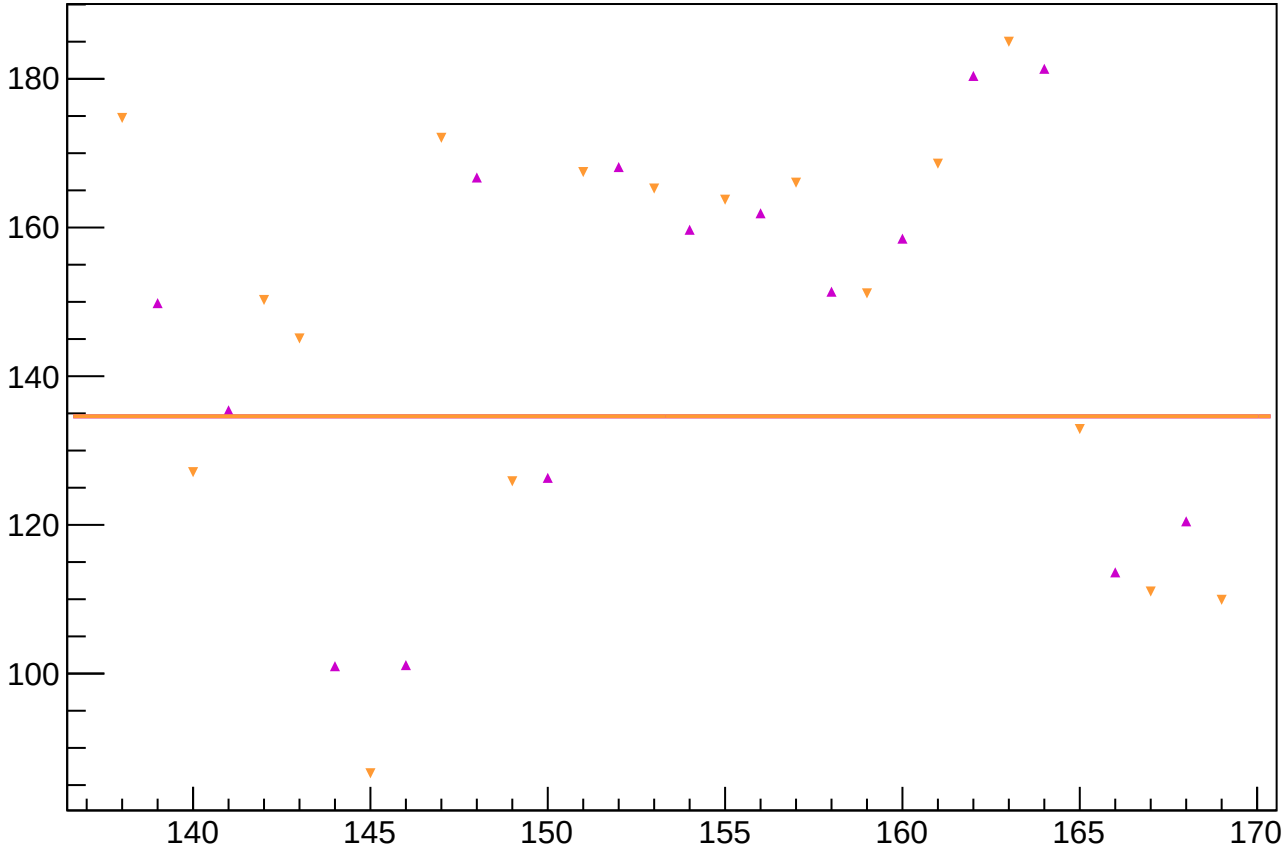
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.152+/-40.183 χ^2/NDF:21.9/14

Out: 180.664+/-38.806 χ^2/NDF:14.5/16

All: 74.586+/-27.914 χ^2/NDF: 51.9/31

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 134.611+/-0.027 χ^2/NDF:1219132.6/16

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

Left In: 134.598+/-0.028 χ^2/NDF:877155.4/14

Left: 134.605+/-0.020 χ^2/NDF: 2096288.1/31

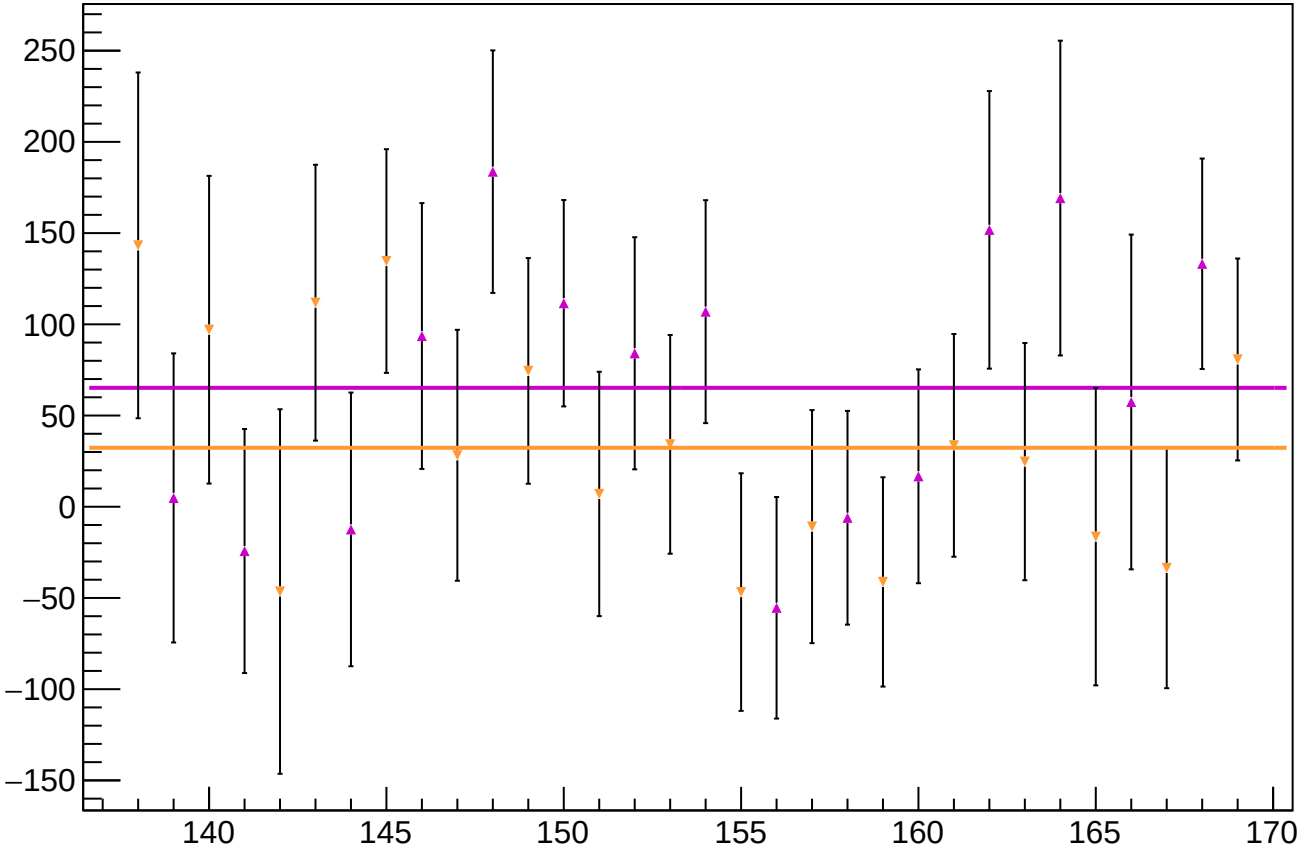
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 134.598+/-0.028 χ^2/NDF:877155.4/14

Out: 134.611+/-0.027 χ^2/NDF:1219132.6/16

All: 134.605+/-0.020 χ^2/NDF: 2096288.1/31

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 32.322+/-16.299 χ^2/NDF:12.8/16

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

Left In: 65.190+/-17.193 χ^2/NDF:18.2/14

Left: 47.879+/-11.829 χ^2/NDF: 33.0/31

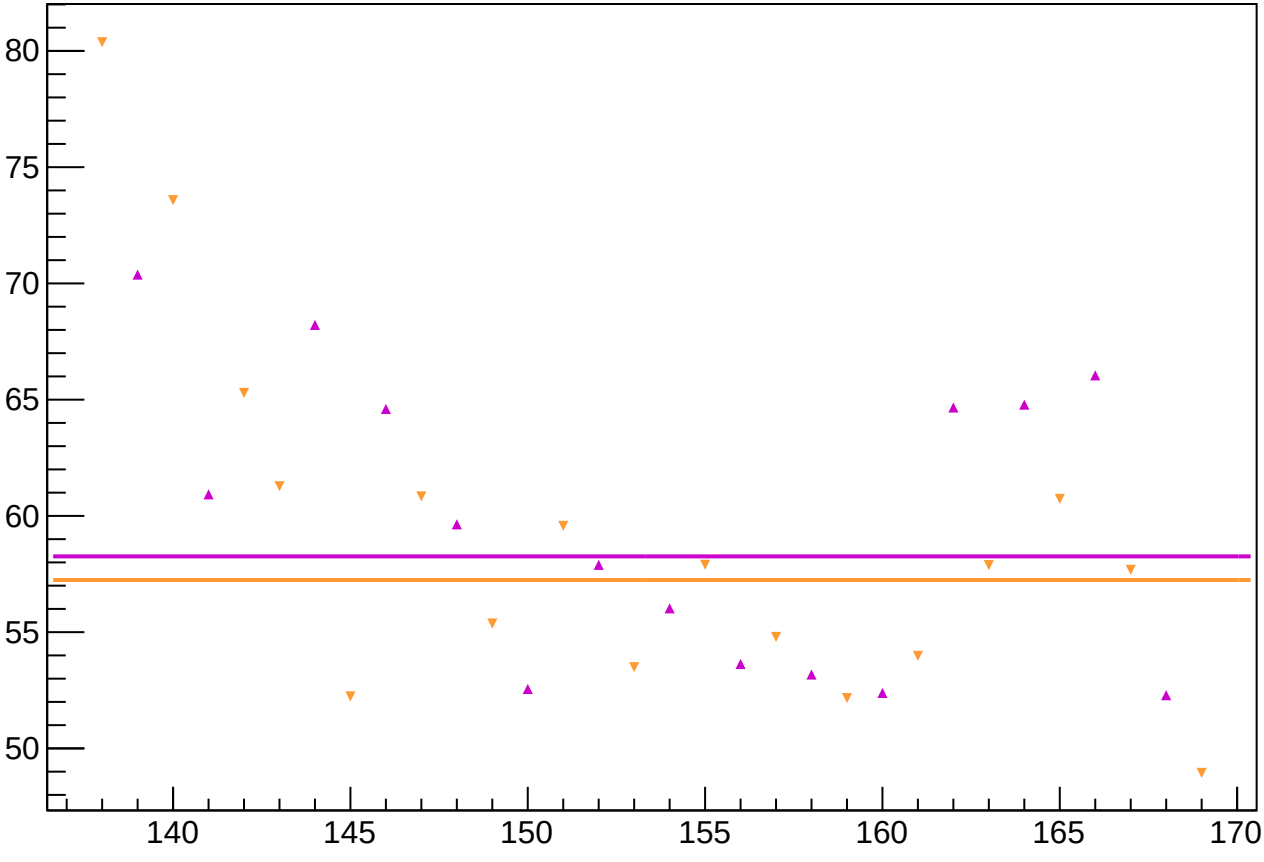
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.190+/-17.193 χ^2/NDF:18.2/14

Out: 32.322+/-16.299 χ^2/NDF:12.8/16

All: 47.879+/-11.829 χ^2/NDF: 33.0/31

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 57.244+/-0.012 χ^2/NDF:317173.4/16

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

Left In: 58.259+/-0.012 χ^2/NDF:232488.5/14

Left: 57.724+/-0.008 χ^2/NDF: 553333.5/31

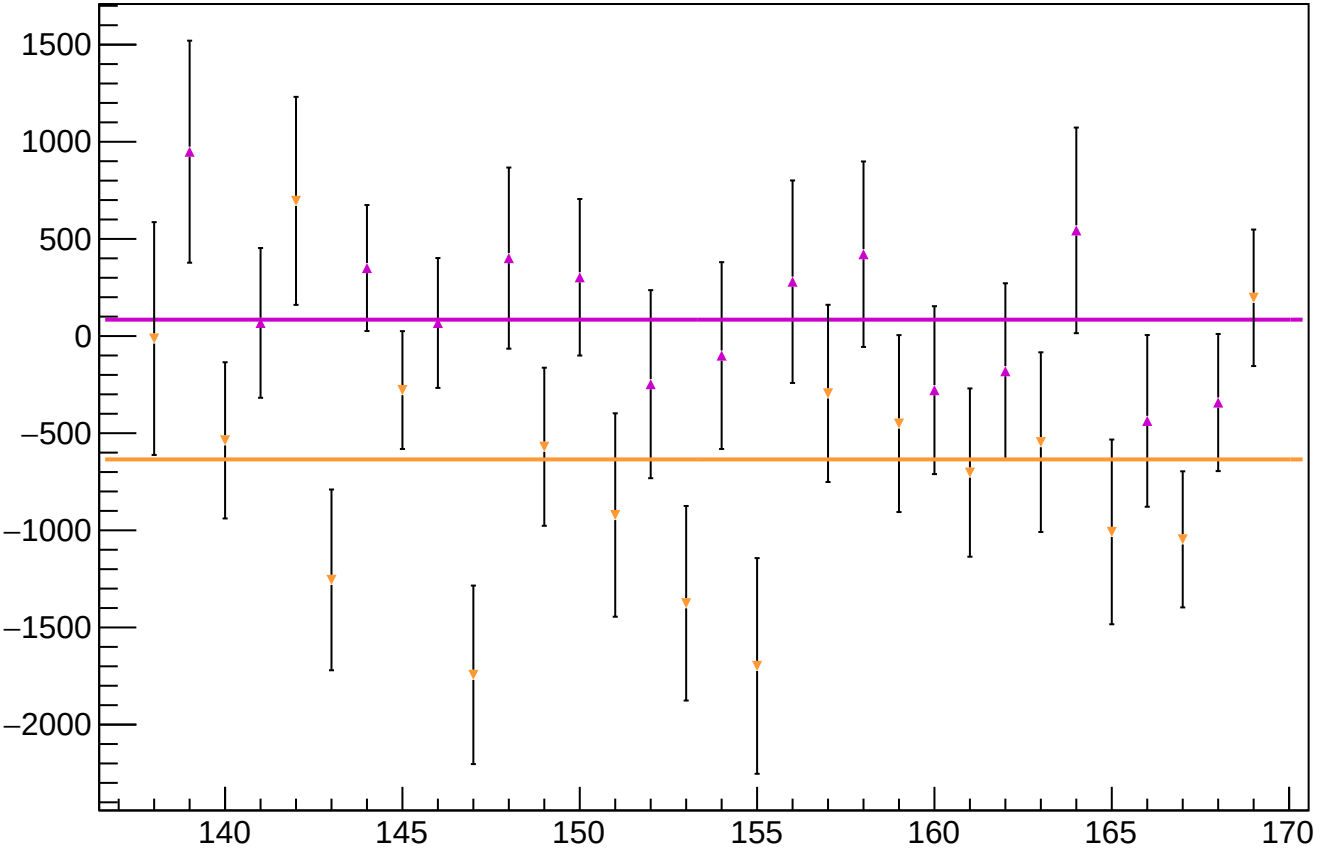
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.259+/-0.012 χ^2/NDF:232488.5/14

Out: 57.244+/-0.012 χ^2/NDF:317173.4/16

All: 57.724+/-0.008 χ^2/NDF: 553333.5/31

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -634.950+/-105.452 χ^2/NDF:30.9/16

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

Left In: 84.412+/-110.010 χ^2/NDF:9.6/14

Left: -290.480+/-76.126 χ^2/NDF: 62.8/31

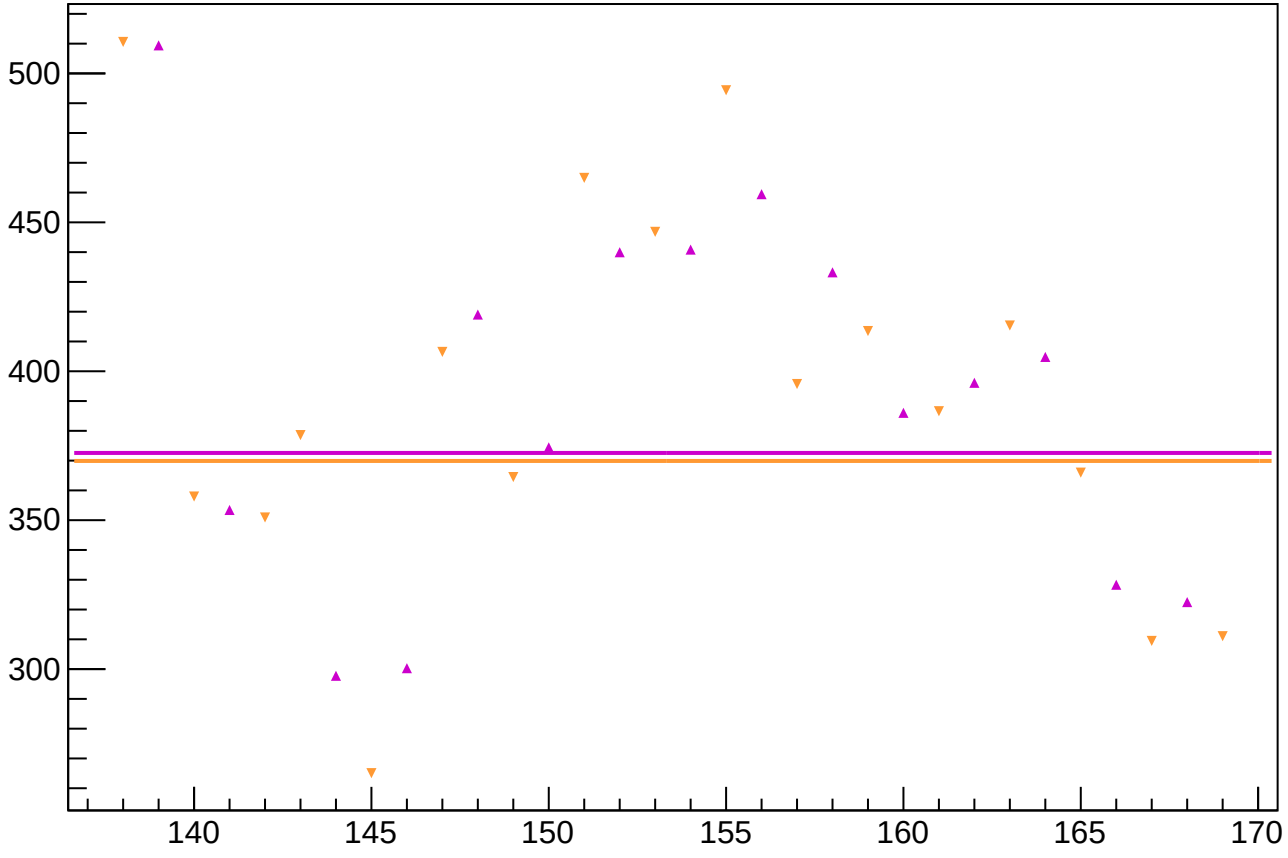
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 84.412+/-110.010 χ^2/NDF:9.6/14

Out: -634.950+/-105.452 χ^2/NDF:30.9/16

All: -290.480+/-76.126 χ^2/NDF: 62.8/31

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 369.890+/-0.075 χ^2/NDF:743683.2/16

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

Left In: 372.578+/-0.078 χ^2/NDF:581486.3/14

Left: 371.177+/-0.054 χ^2/NDF: 1325791.9/31

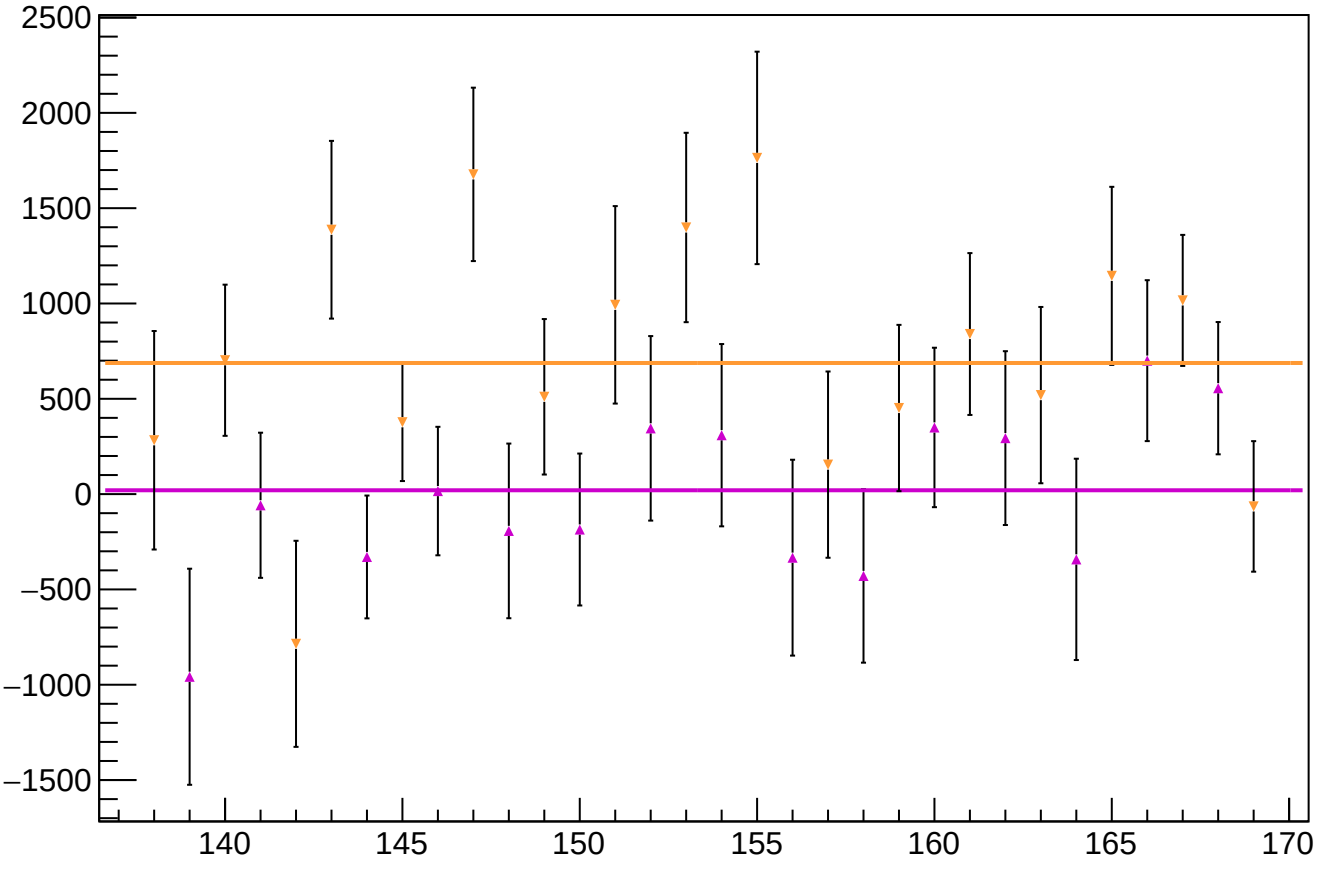
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 372.578+/-0.078 χ^2/NDF:581486.3/14

Out: 369.890+/-0.075 χ^2/NDF:743683.2/16

All: 371.177+/-0.054 χ^2/NDF: 1325791.9/31

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 687.877+/-104.813 χ^2/NDF:30.7/16

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

Left In: 20.131+/-108.590 χ^2/NDF:13.4/14

Left: 365.817+/-75.414 χ^2/NDF: 63.6/31

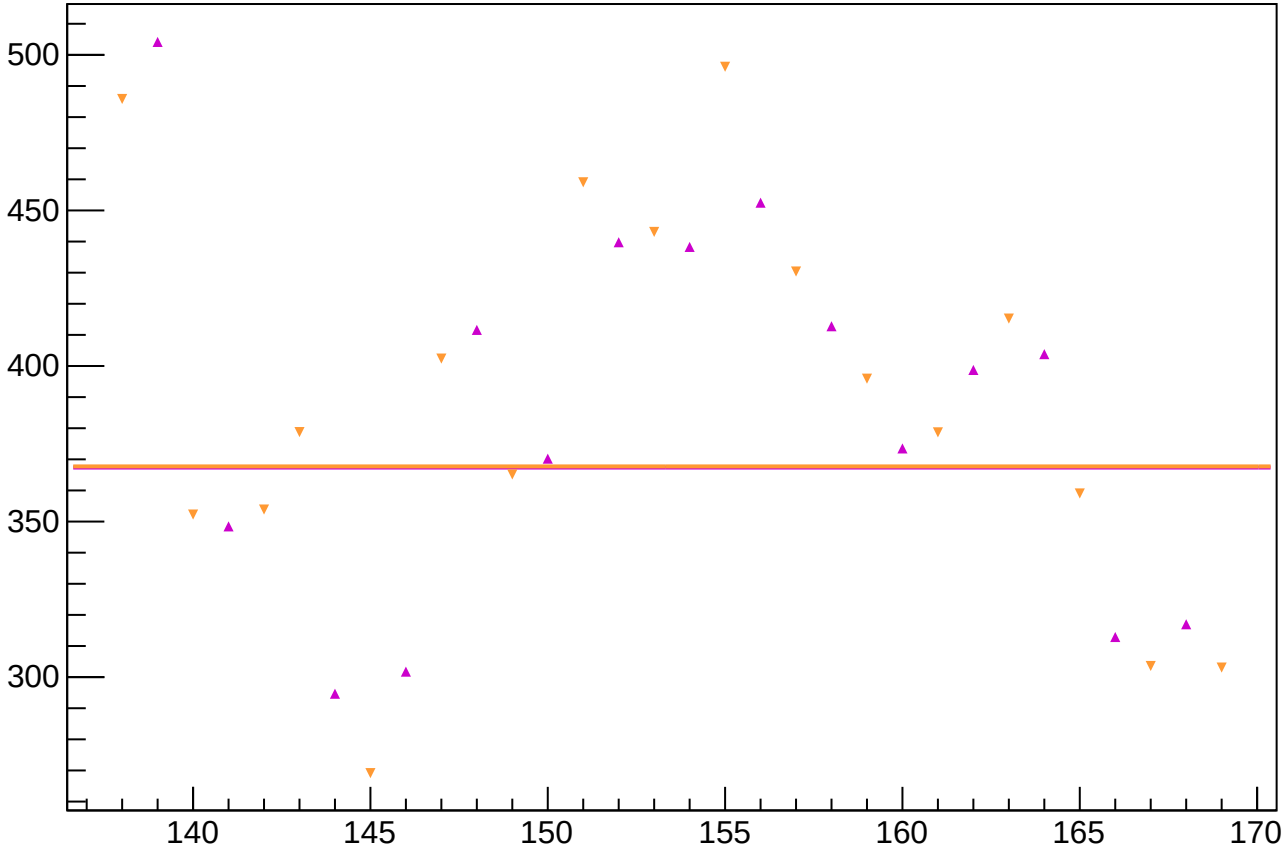
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.131+/-108.590 χ^2/NDF:13.4/14

Out: 687.877+/-104.813 χ^2/NDF:30.7/16

All: 365.817+/-75.414 χ^2/NDF: 63.6/31

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 367.724+/-0.074 χ^2/NDF:726055.8/16

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

Left In: 367.365+/-0.077 χ^2/NDF:576308.5/14

Left: 367.551+/-0.053 χ^2/NDF: 1302375.7/31

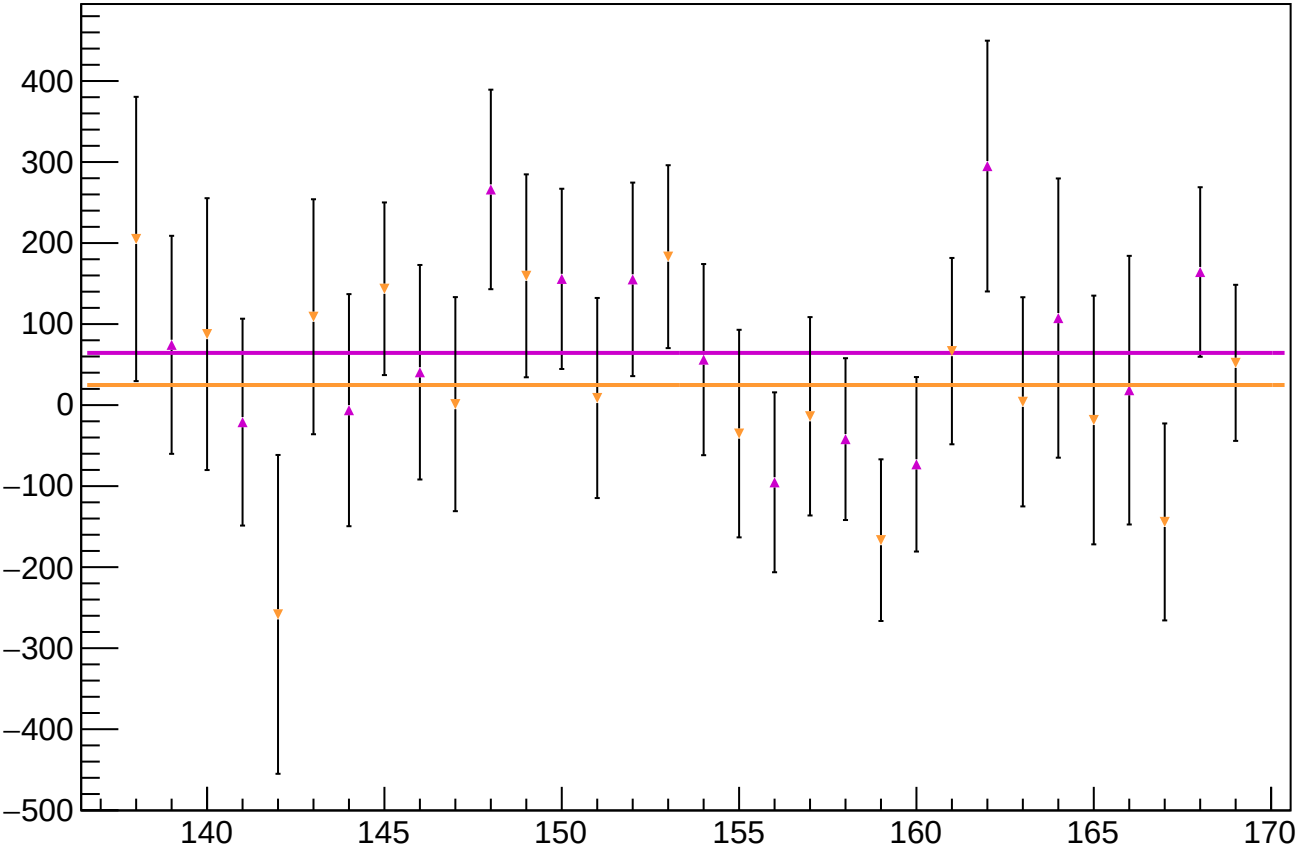
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 367.365+/-0.077 χ^2/NDF:576308.5/14

Out: 367.724+/-0.074 χ^2/NDF:726055.8/16

All: 367.551+/-0.053 χ^2/NDF: 1302375.7/31

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 24.802+/-30.480 χ^2/NDF:14.3/16

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

Left In: 64.429+/-31.911 χ^2/NDF:12.8/14

Left: 43.707+/-22.041 χ^2/NDF: 27.9/31

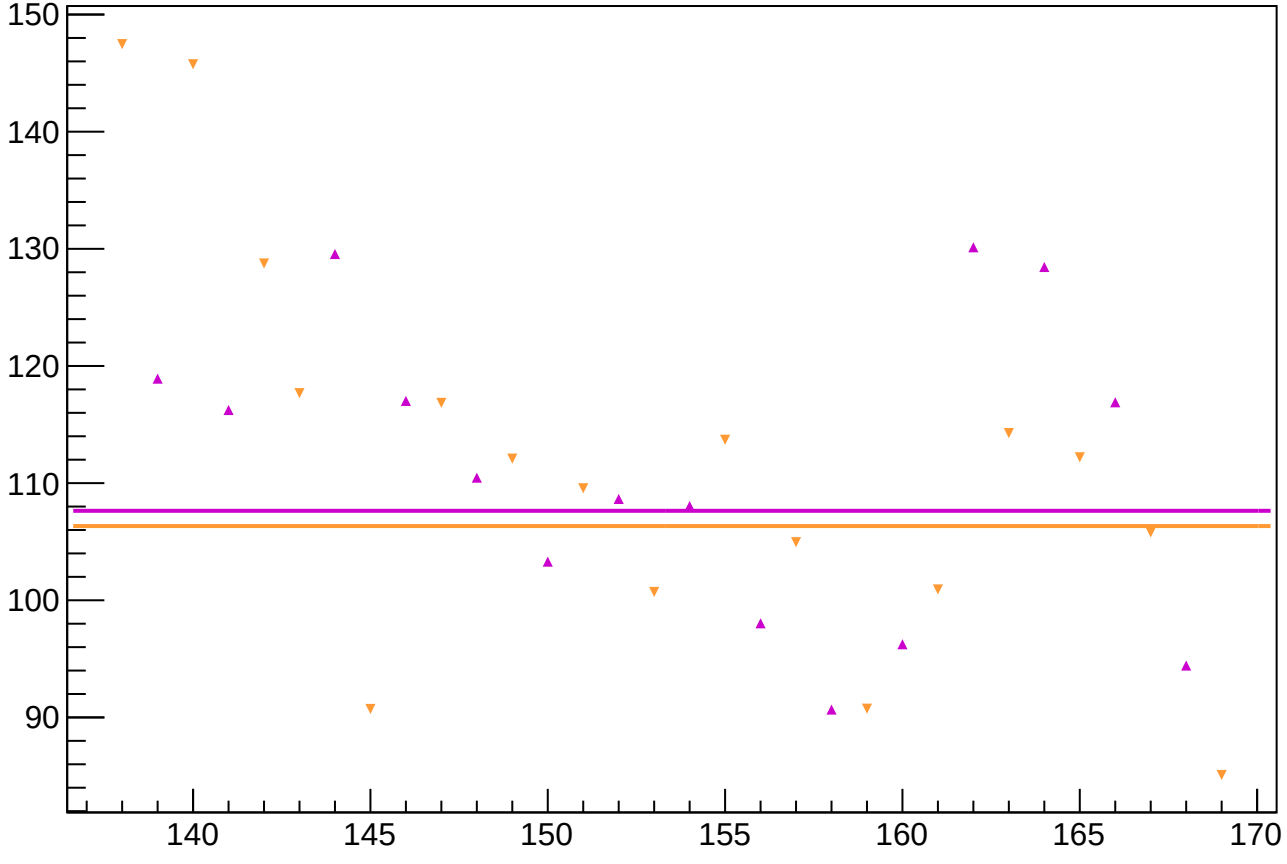
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 64.429+/-31.911 χ^2/NDF:12.8/14

Out: 24.802+/-30.480 χ^2/NDF:14.3/16

All: 43.707+/-22.041 χ^2/NDF: 27.9/31

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 106.335+/-0.022 χ^2/NDF:492806.2/16

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

Left In: 107.637+/-0.023 χ^2/NDF:288938.7/14

Left: 106.957+/-0.016 χ^2/NDF: 783486.0/31

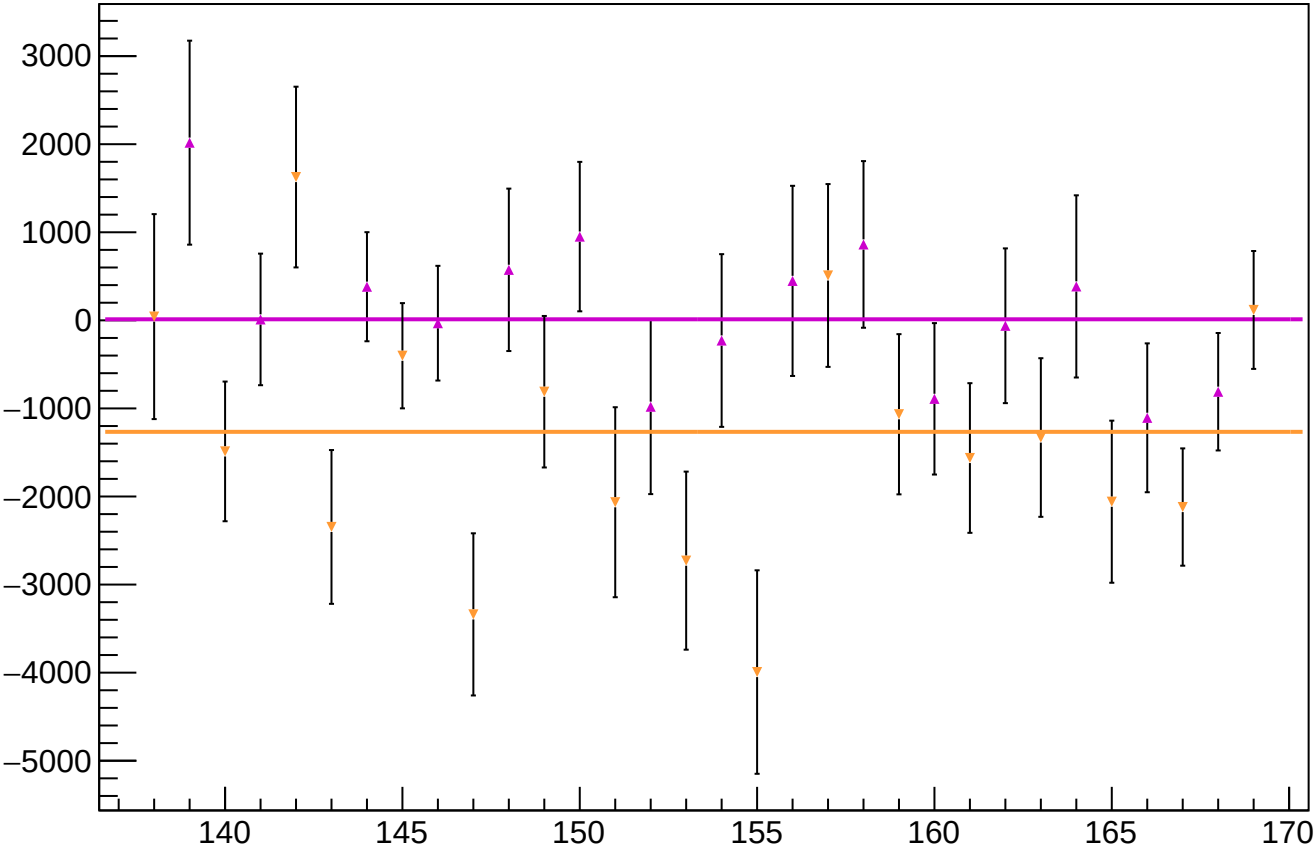
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 107.637+/-0.023 χ^2/NDF:288938.7/14

Out: 106.335+/-0.022 χ^2/NDF:492806.2/16

All: 106.957+/-0.016 χ^2/NDF: 783486.0/31

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1265.860+/-208.805 χ^2/NDF:36.2/16

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

Left In: 11.913+/-216.506 χ^2/NDF:11.5/14

Left: -650.100+/-150.296 χ^2/NDF: 65.8/31

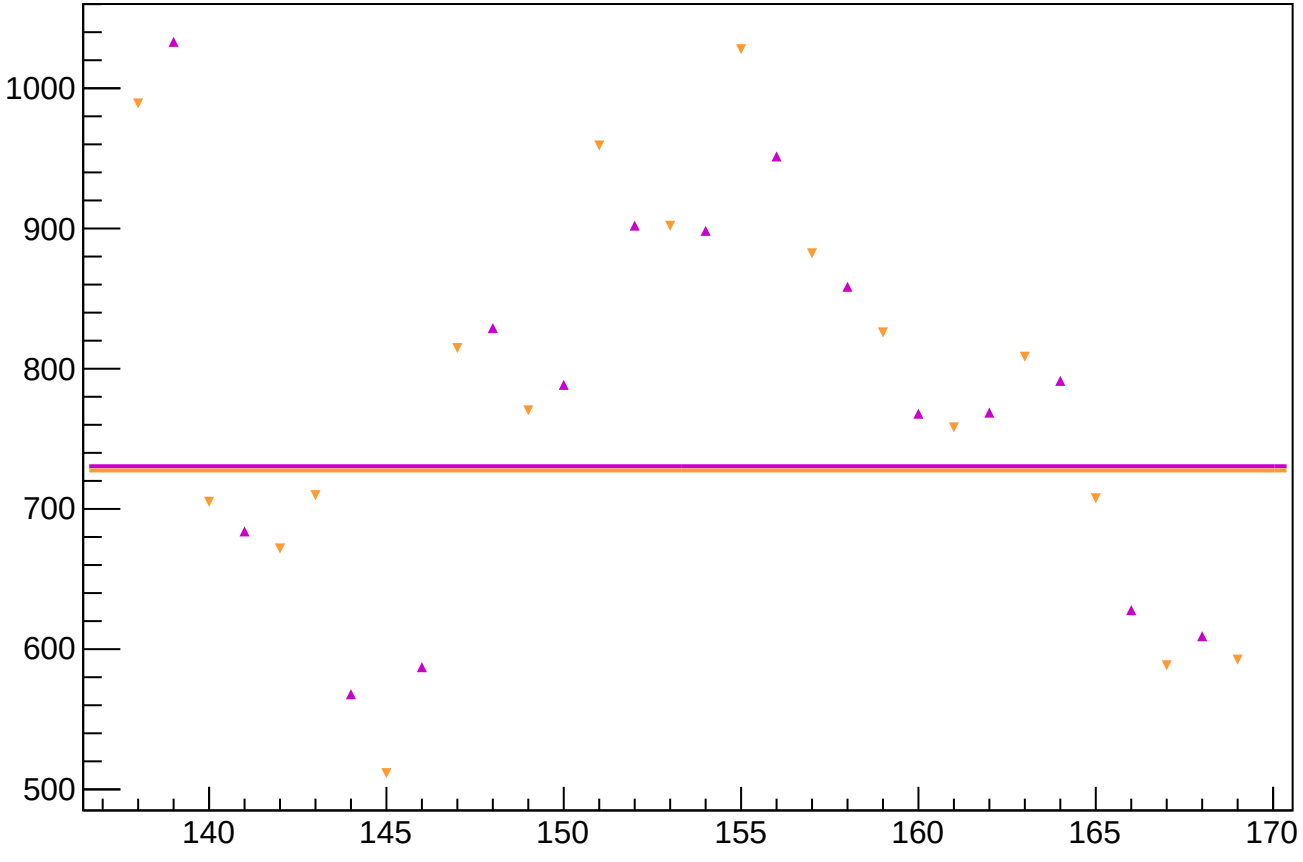
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.913+/-216.506 χ^2/NDF:11.5/14

Out: -1265.860+/-208.805 χ^2/NDF:36.2/16

All: -650.100+/-150.296 χ^2/NDF: 65.8/31

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 727.438+/-0.148 χ^2/NDF:936835.2/16

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

Left In: 730.444+/-0.153 χ^2/NDF:760183.8/14

Left: 728.887+/-0.106 χ^2/NDF: 1697218.9/31

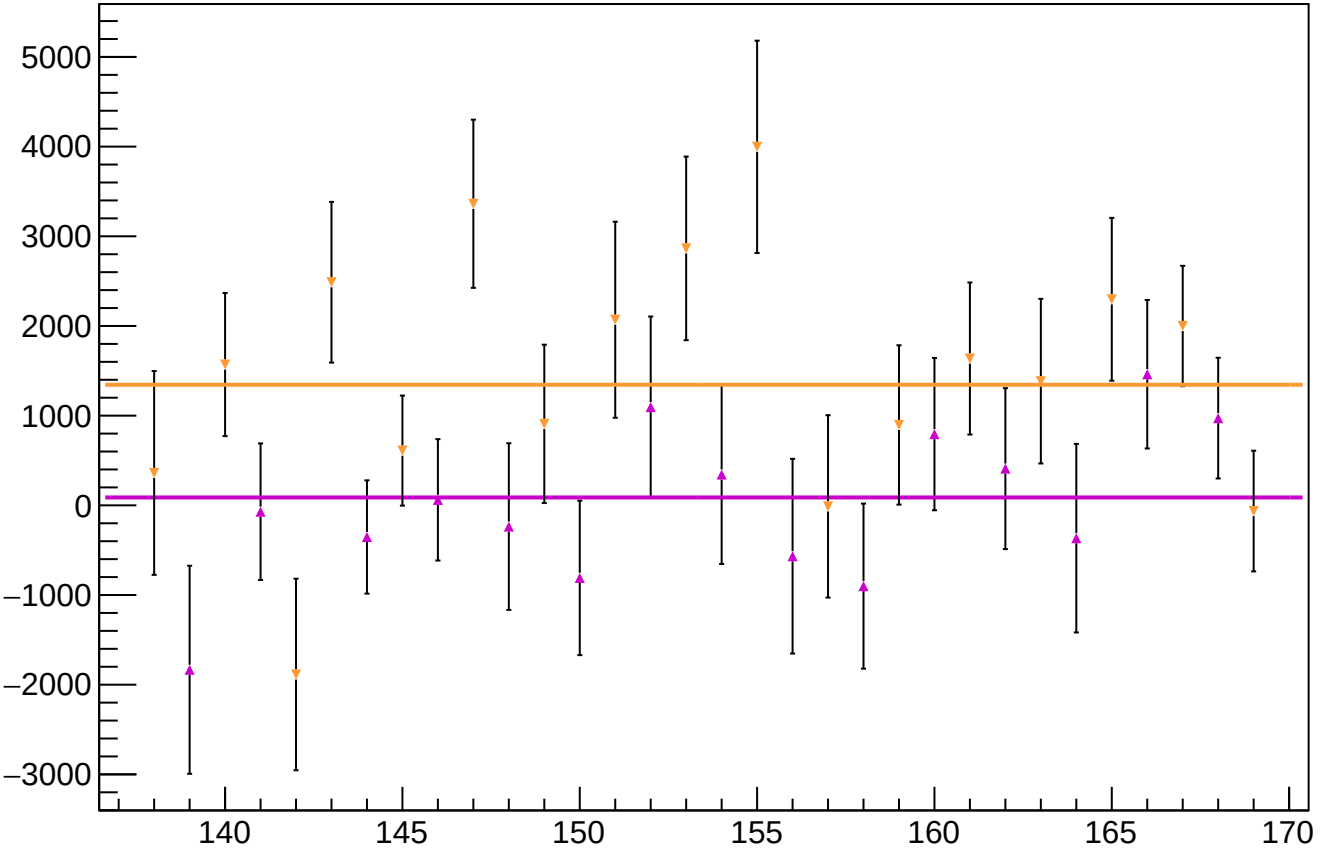
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 730.444+/-0.153 χ^2/NDF:760183.8/14

Out: 727.438+/-0.148 χ^2/NDF:936835.2/16

All: 728.887+/-0.106 χ^2/NDF: 1697218.9/31

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1344.434+/-210.808 χ^2/NDF:34.2/16

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

Left In: 87.780+/-218.845 χ^2/NDF:12.6/14

Left: 739.605+/-151.825 χ^2/NDF: 63.8/31

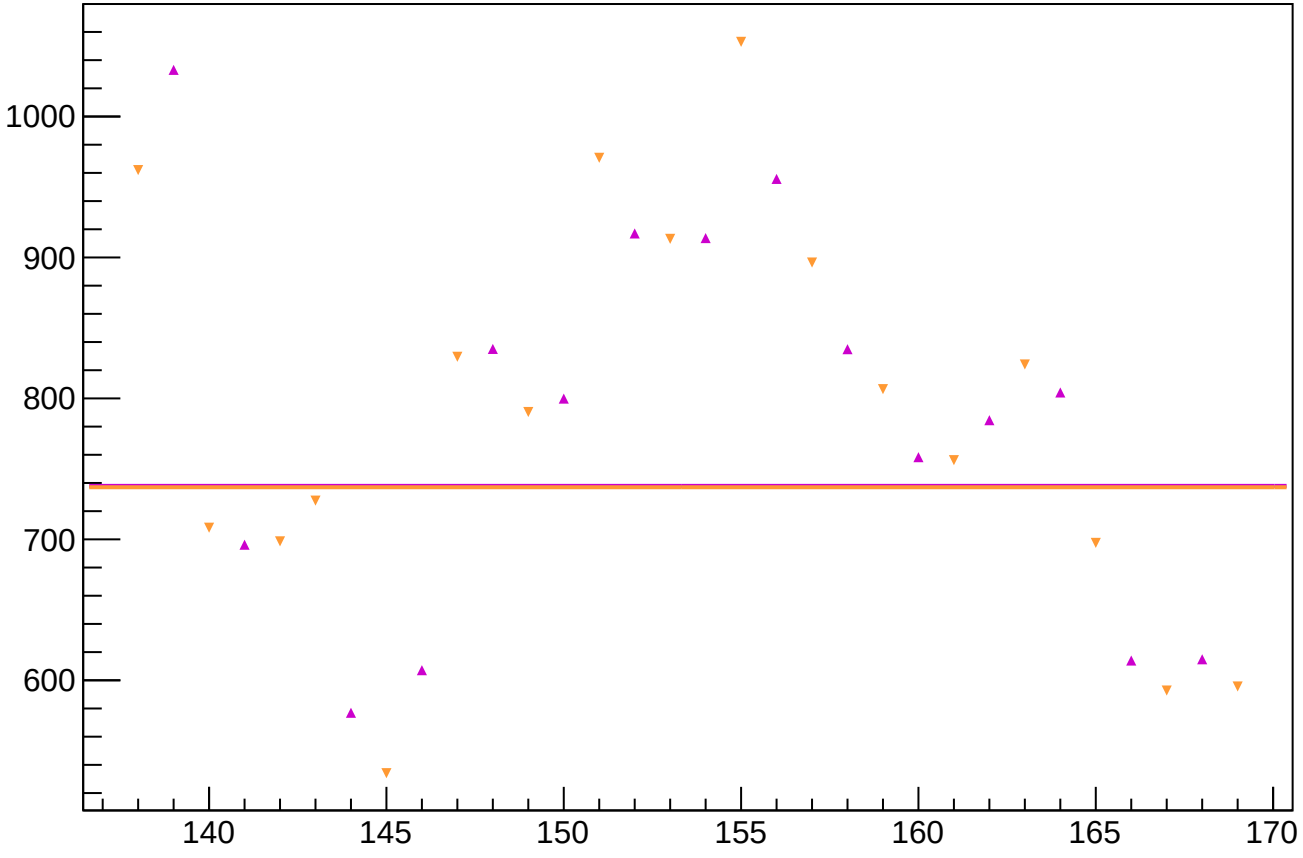
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 87.780+/-218.845 χ^2/NDF:12.6/14

Out: 1344.434+/-210.808 χ^2/NDF:34.2/16

All: 739.605+/-151.825 χ^2/NDF: 63.8/31

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 736.965+/-0.149 χ^2/NDF:887448.6/16

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

Left In: 737.949+/-0.155 χ^2/NDF:726226.0/14

Left: 737.438+/-0.107 χ^2/NDF: 1613695.6/31

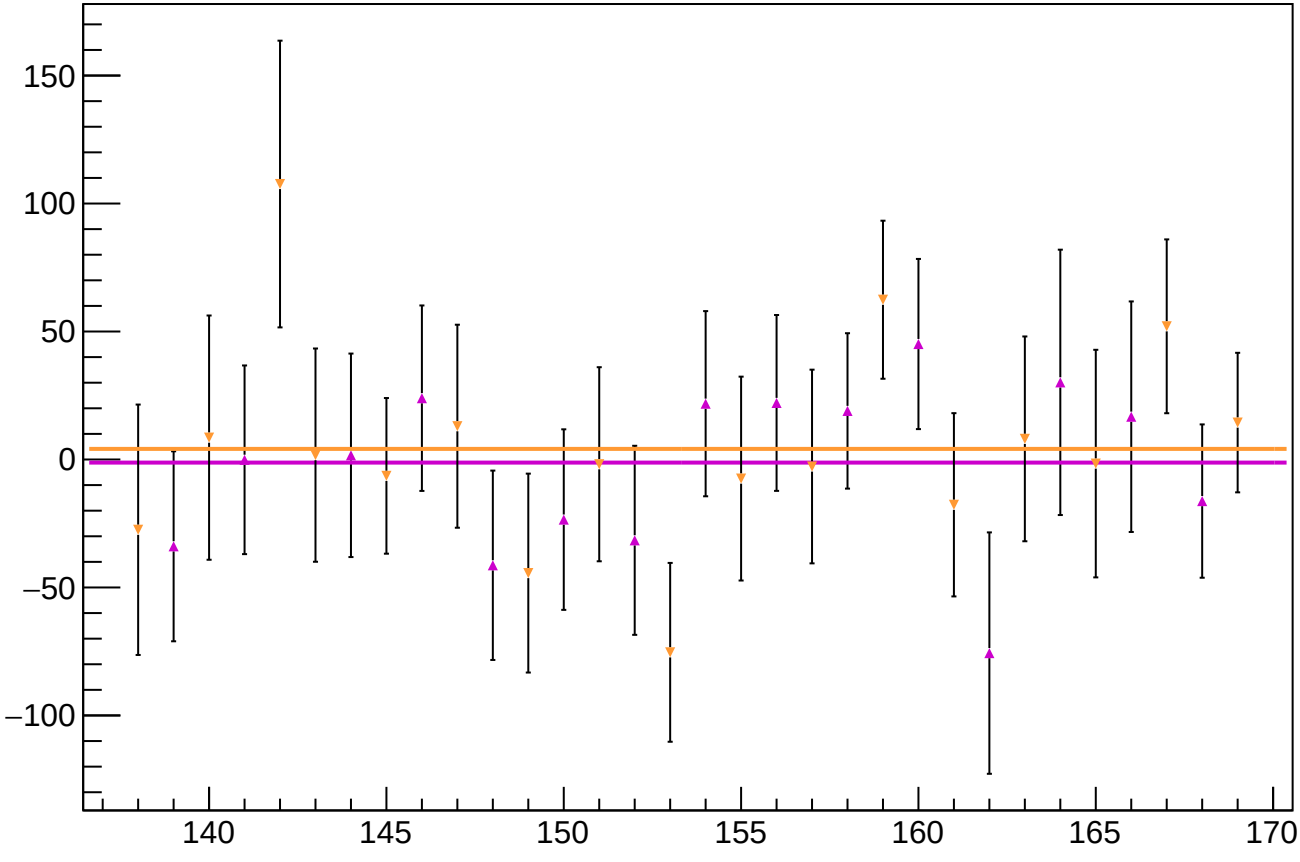
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 737.949+/-0.155 χ^2/NDF:726226.0/14

Out: 736.965+/-0.149 χ^2/NDF:887448.6/16

All: 737.438+/-0.107 χ^2/NDF: 1613695.6/31

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: 4.140+/-9.072 χ^2/NDF:17.0/16

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

Left In: -1.214+/-9.468 χ^2/NDF:10.0/14

Left: 1.577+/-6.550 χ^2/NDF: 27.2/31

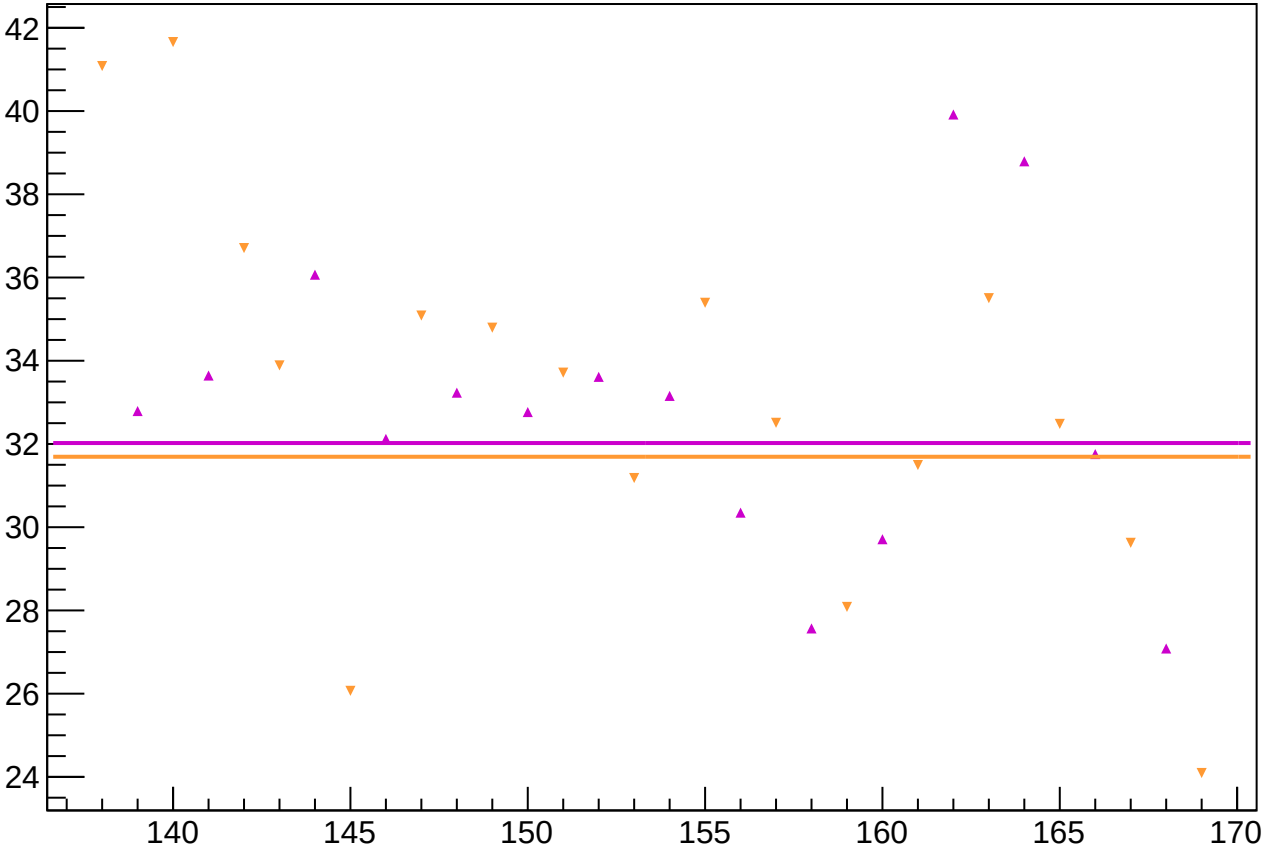
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.214+/-9.468 χ^2/NDF:10.0/14

Out: 4.140+/-9.072 χ^2/NDF:17.0/16

All: 1.577+/-6.550 χ^2/NDF: 27.2/31

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 31.693+/-0.006 χ^2/NDF:511679.3/16

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

Left In: 32.022+/-0.007 χ^2/NDF:236234.6/14

Left: 31.851+/-0.005 χ^2/NDF: 749176.7/31

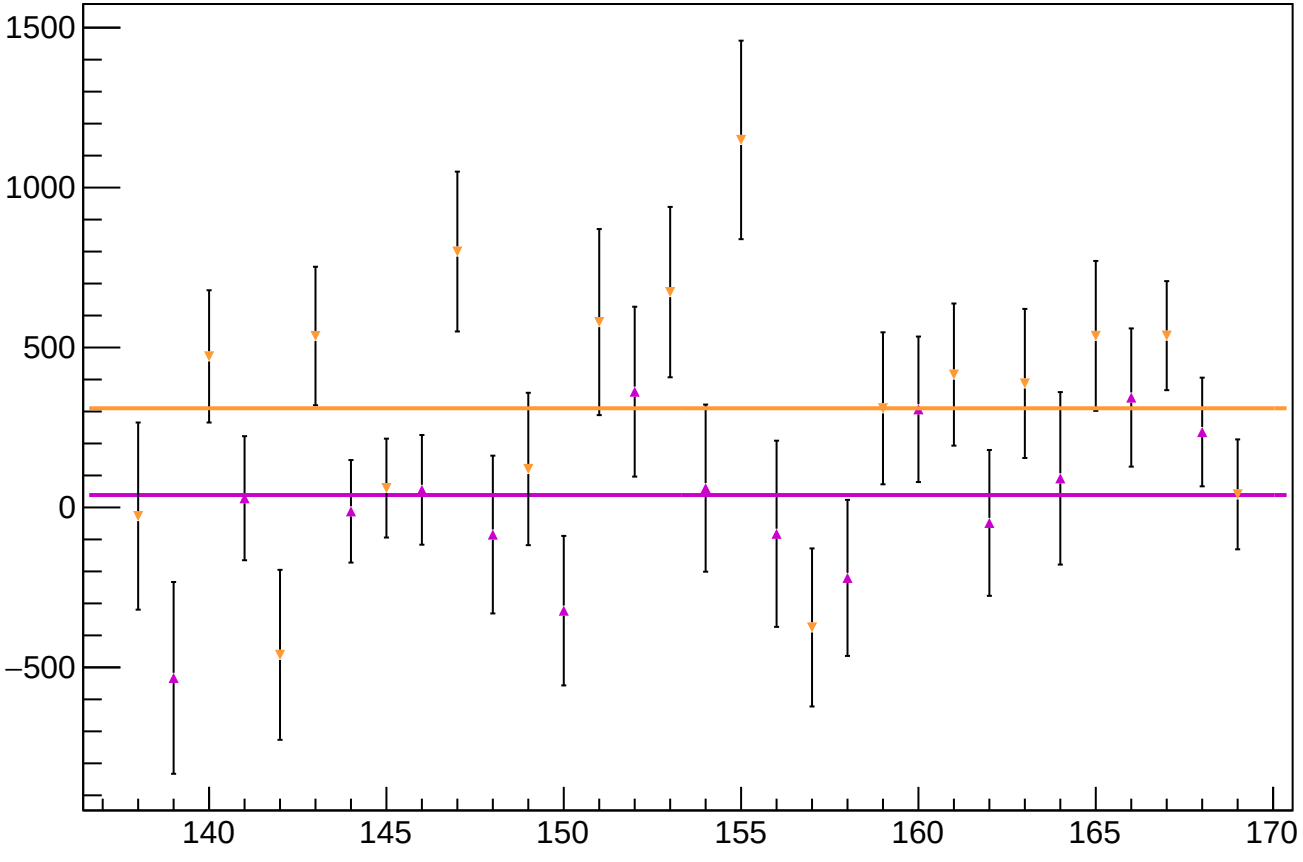
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 32.022+/-0.007 χ^2/NDF:236234.6/14

Out: 31.693+/-0.006 χ^2/NDF:511679.3/16

All: 31.851+/-0.005 χ^2/NDF: 749176.7/31

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: 310.058+/-54.102 χ^2/NDF:41.7/16

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

Left In: 38.808+/-56.685 χ^2/NDF:14.1/14

Left: 180.753+/-39.137 χ^2/NDF: 67.8/31

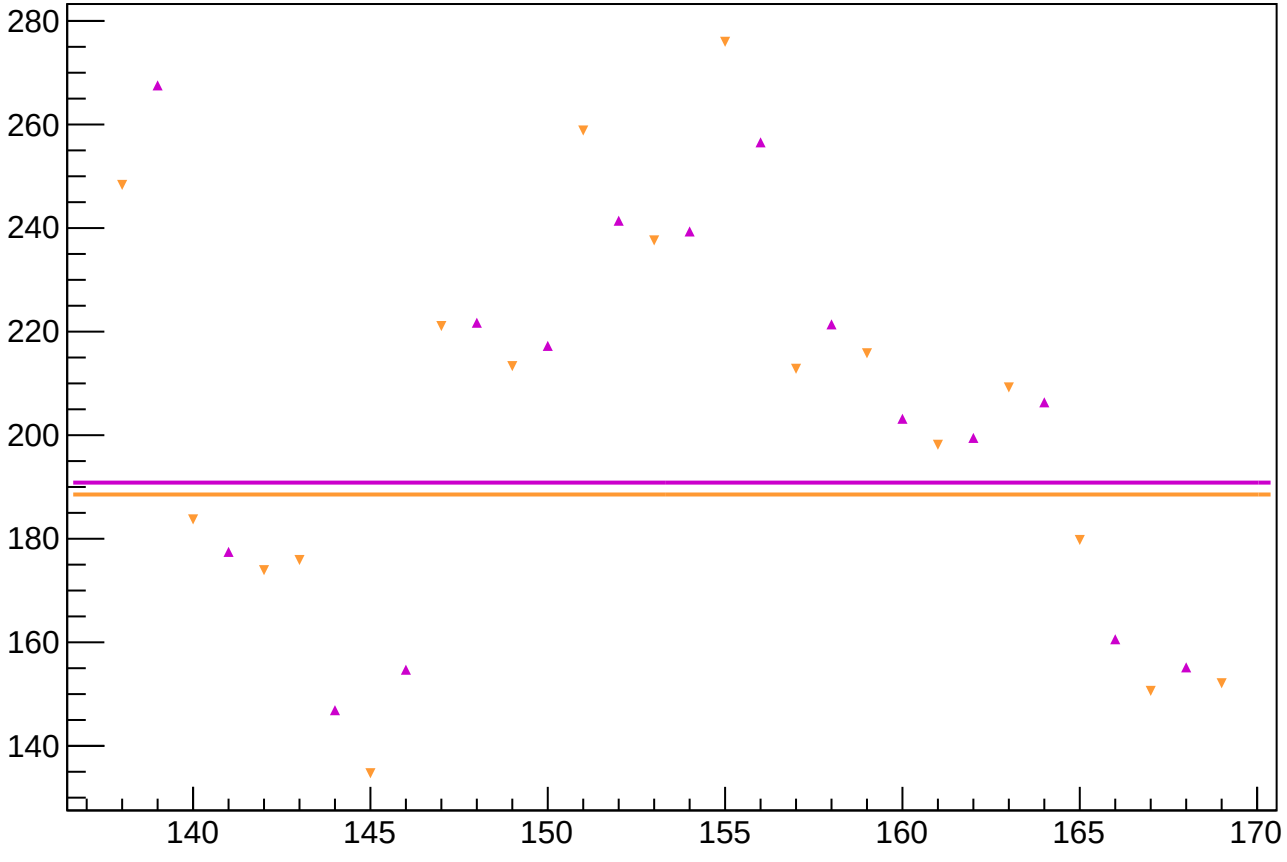
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 38.808+/-56.685 χ^2/NDF:14.1/14

Out: 310.058+/-54.102 χ^2/NDF:41.7/16

All: 180.753+/-39.137 χ^2/NDF: 67.8/31

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: 188.546+/-0.038 χ^2/NDF:996032.0/16

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

Left In: 190.843+/-0.040 χ^2/NDF:854046.3/14

Left: 189.641+/-0.028 χ^2/NDF: 1851795.5/31

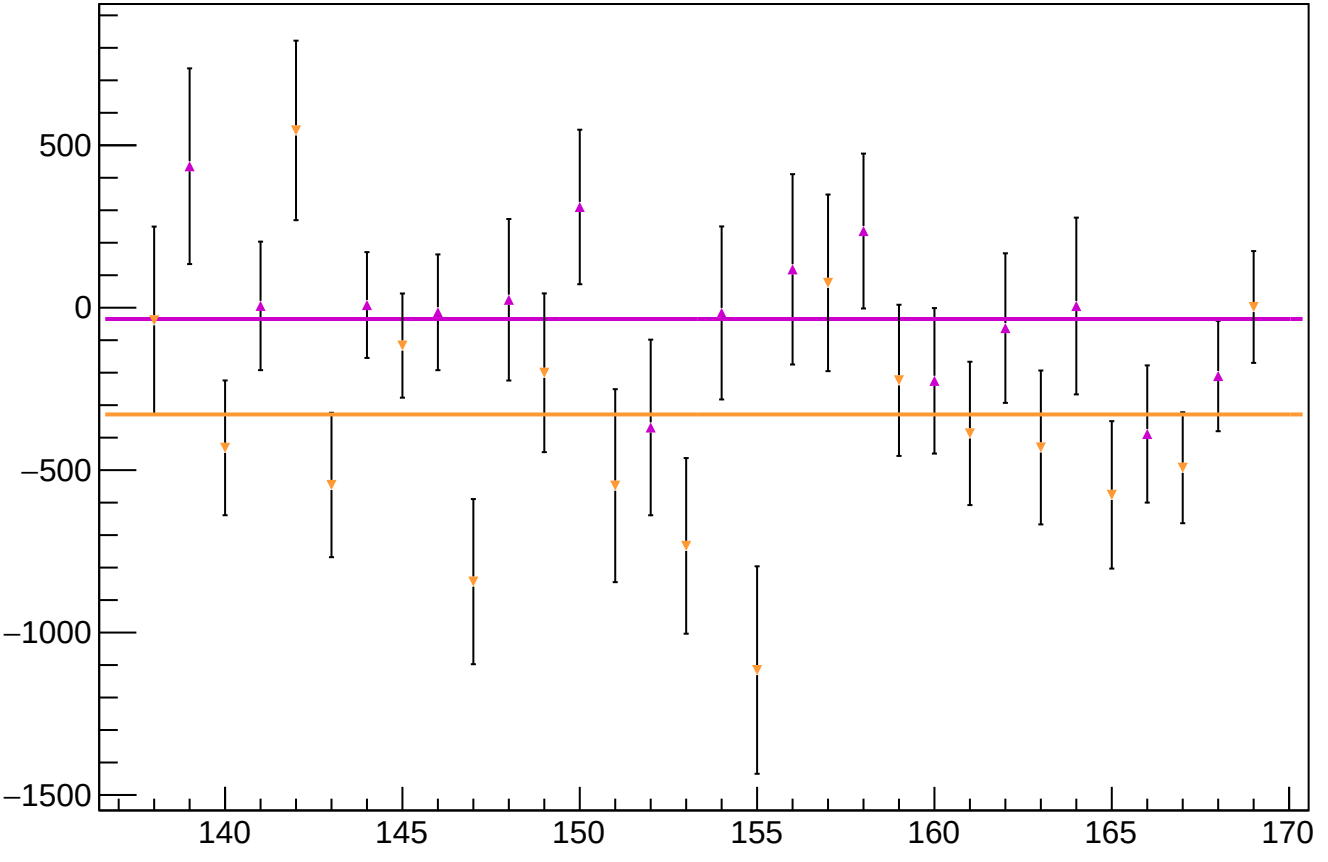
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 190.843+/-0.040 χ^2/NDF:854046.3/14

Out: 188.546+/-0.038 χ^2/NDF:996032.0/16

All: 189.641+/-0.028 χ^2/NDF: 1851795.5/31

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -328.590+/-54.852 χ^2/NDF:35.7/16

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

Left In: -34.773+/-57.165 χ^2/NDF:12.4/14

Left: -187.745+/-39.579 χ^2/NDF: 61.9/31

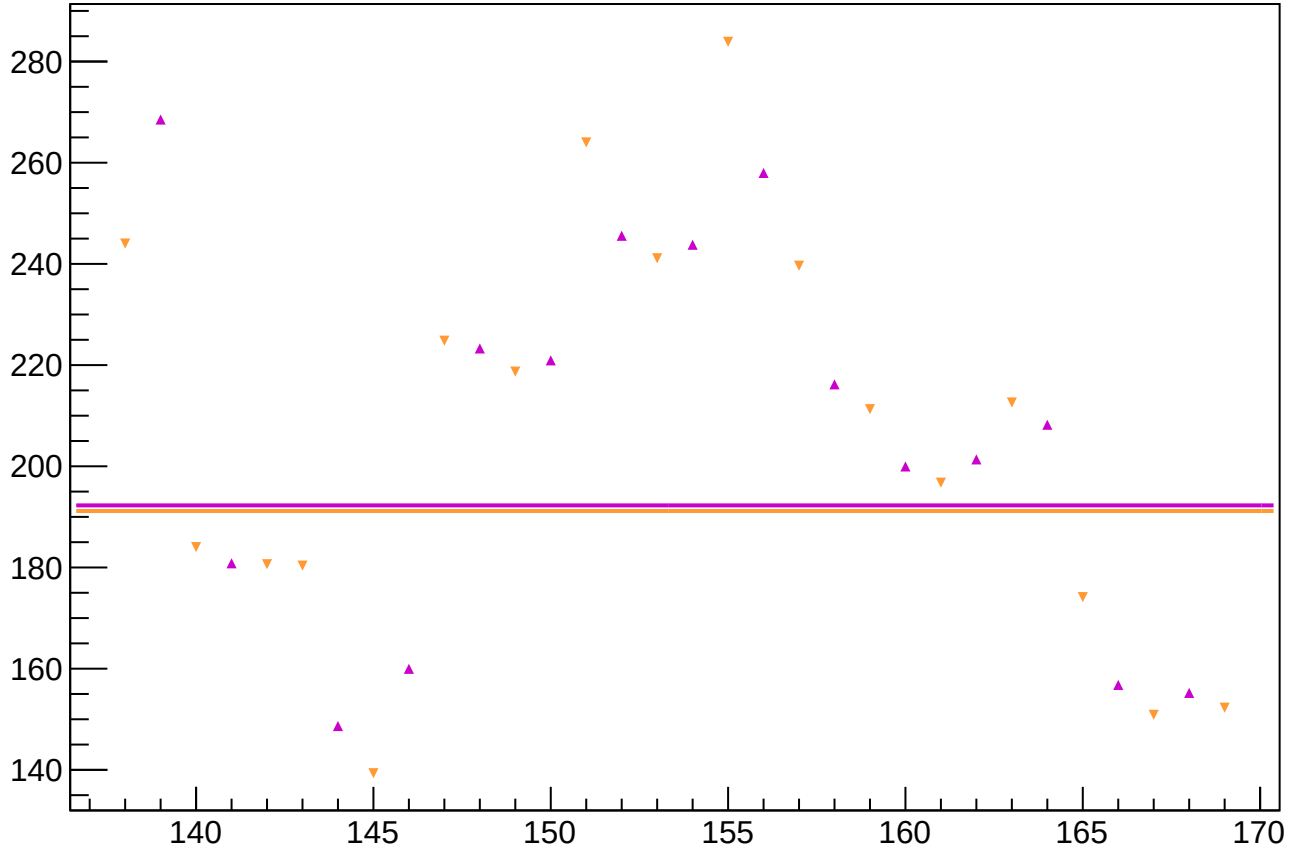
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.773+/-57.165 χ^2/NDF:12.4/14

Out: -328.590+/-54.852 χ^2/NDF:35.7/16

All: -187.745+/-39.579 χ^2/NDF: 61.9/31

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 191.163+/-0.039 χ^2/NDF:1024581.0/16

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

Left In: 192.274+/-0.040 χ^2/NDF:841298.6/14

Left: 191.696+/-0.028 χ^2/NDF: 1866272.5/31

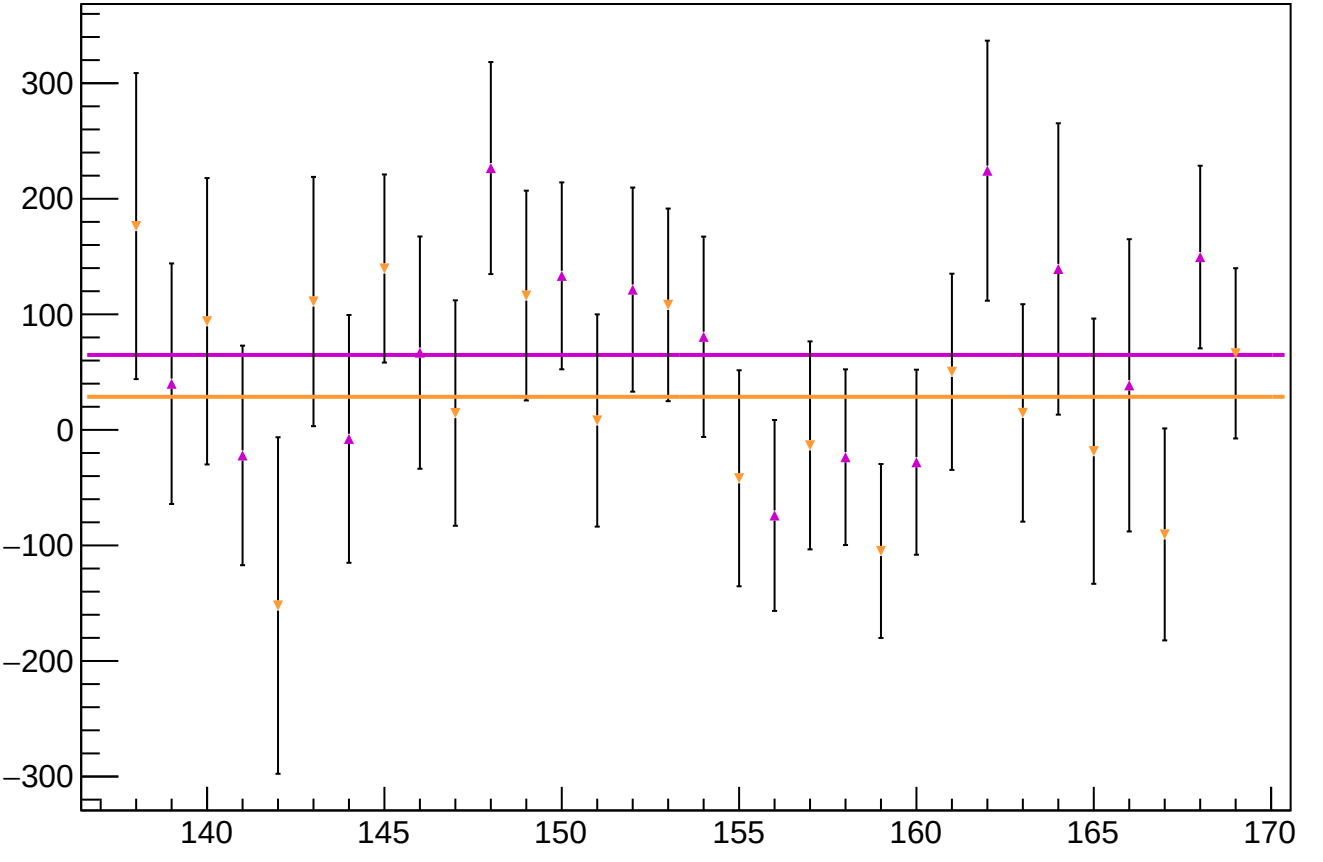
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 192.274+/-0.040 χ^2/NDF:841298.6/14

Out: 191.163+/-0.039 χ^2/NDF:1024581.0/16

All: 191.696+/-0.028 χ^2/NDF: 1866272.5/31

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 28.632+/-22.704 χ^2/NDF:13.5/16

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

Left In: 64.859+/-23.823 χ^2/NDF:14.7/14

Left: 45.875+/-16.436 χ^2/NDF: 29.5/31

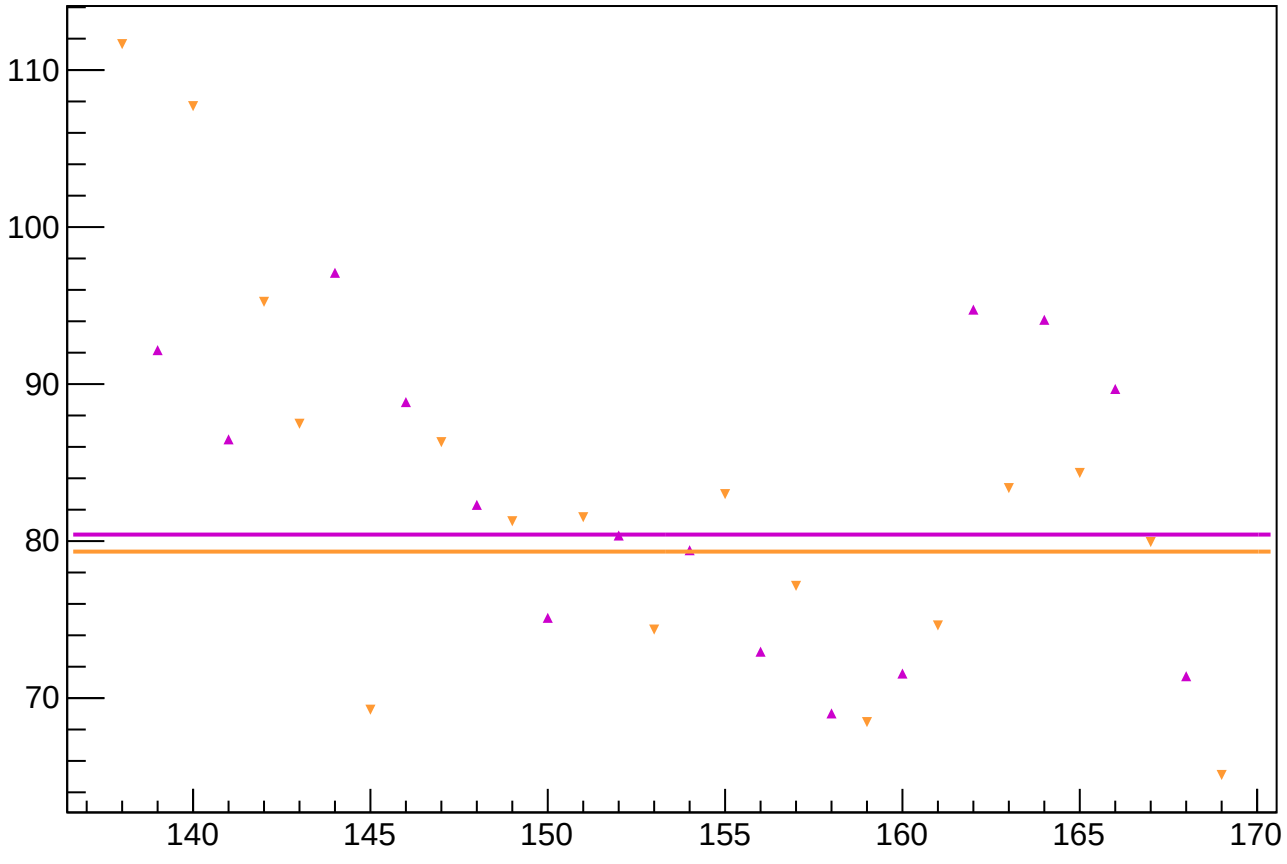
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 64.859+/-23.823 χ^2/NDF:14.7/14

Out: 28.632+/-22.704 χ^2/NDF:13.5/16

All: 45.875+/-16.436 χ^2/NDF: 29.5/31

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 79.331+/-0.016 χ^2/NDF:443276.9/16

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

Left In: 80.416+/-0.017 χ^2/NDF:284211.9/14

Left: 79.847+/-0.012 χ^2/NDF: 729659.5/31

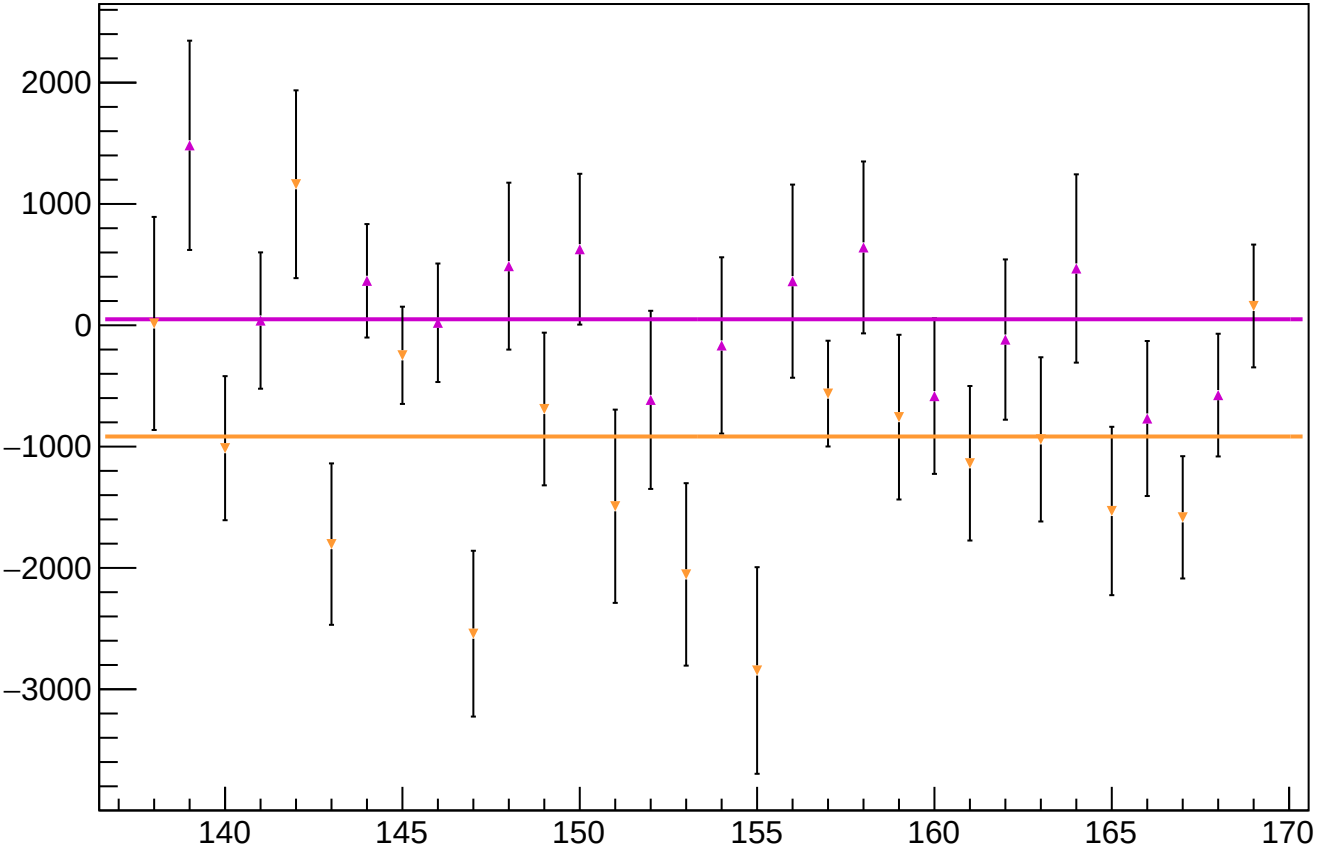
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.416+/-0.017 χ^2/NDF:284211.9/14

Out: 79.331+/-0.016 χ^2/NDF:443276.9/16

All: 79.847+/-0.012 χ^2/NDF: 729659.5/31

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -916.735+/-147.959 χ^2/NDF:34.5/16

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

Left In: 49.576+/-162.129 χ^2/NDF:10.8/14

Left: -477.646+/-109.290 χ^2/NDF: 64.7/31

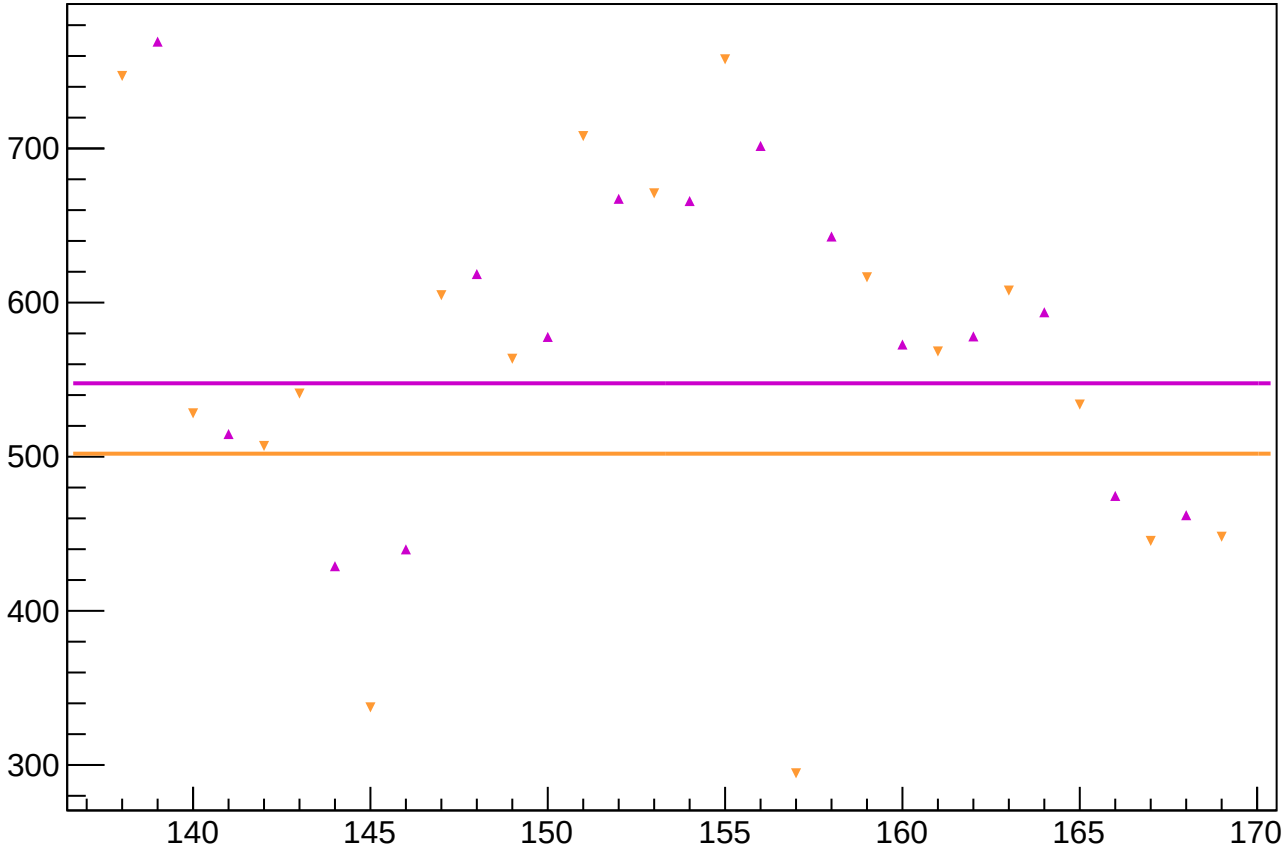
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 49.576+/-162.129 χ^2/NDF:10.8/14

Out: -916.735+/-147.959 χ^2/NDF:34.5/16

All: -477.646+/-109.290 χ^2/NDF: 64.7/31

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 501.978+/-0.105 χ^2/NDF:1615967.5/16

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

Left In: 547.638+/-0.115 χ^2/NDF:705959.0/14

Left: 522.726+/-0.077 χ^2/NDF: 2408476.0/31

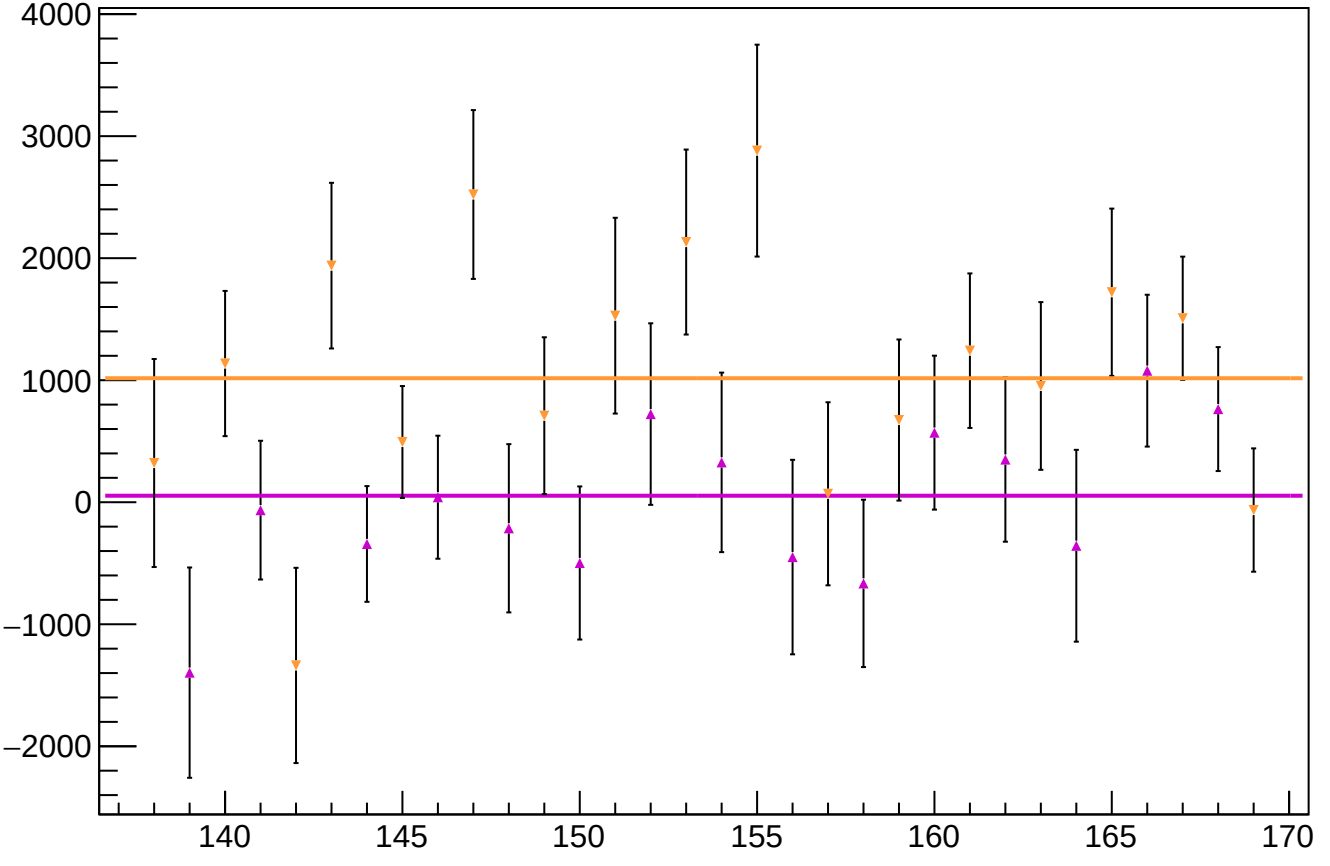
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 547.638+/-0.115 χ^2/NDF:705959.0/14

Out: 501.978+/-0.105 χ^2/NDF:1615967.5/16

All: 522.726+/-0.077 χ^2/NDF: 2408476.0/31

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 1016.100+/-157.186 χ^2/NDF:33.2/16

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

Left In: 53.315+/-163.036 χ^2/NDF:12.7/14

Left: 552.292+/-113.159 χ^2/NDF: 64.0/31

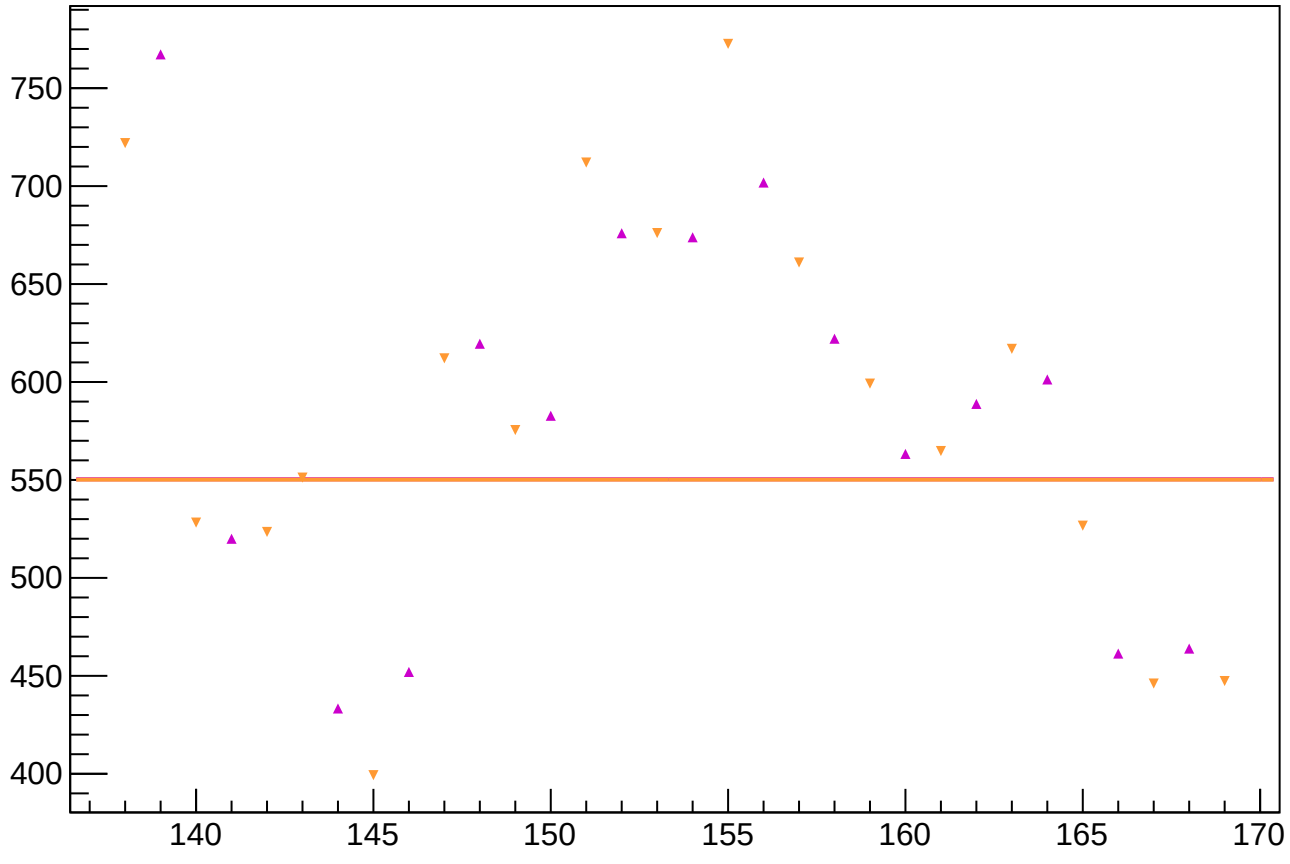
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.315+/-163.036 χ^2/NDF:12.7/14

Out: 1016.100+/-157.186 χ^2/NDF:33.2/16

All: 552.292+/-113.159 χ^2/NDF: 64.0/31

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 550.161+/-0.111 χ^2/NDF:834496.0/16

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

Left In: 550.346+/-0.115 χ^2/NDF:677914.0/14

Left: 550.251+/-0.080 χ^2/NDF: 1512411.3/31

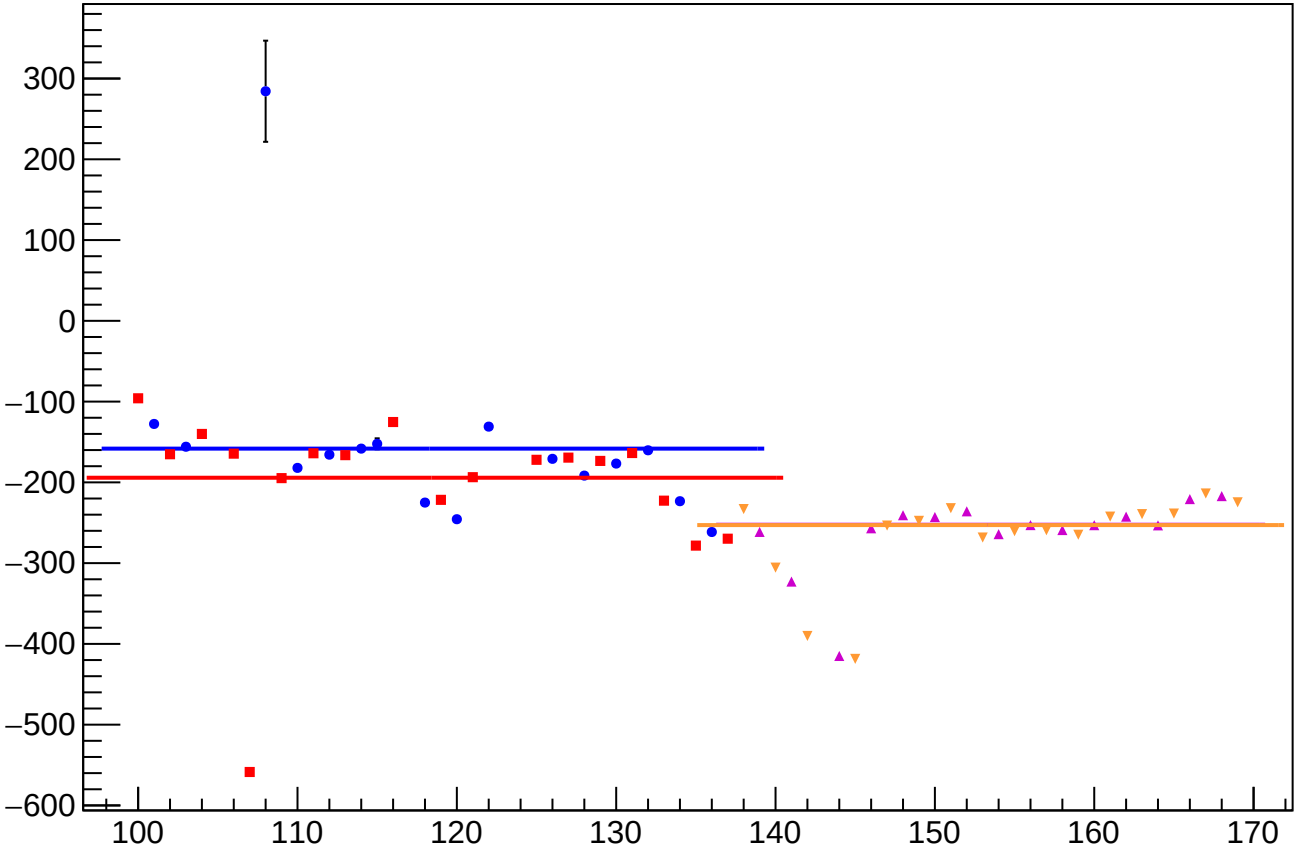
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 550.346+/-0.115 χ^2/NDF:677914.0/14

Out: 550.161+/-0.111 χ^2/NDF:834496.0/16

All: 550.251+/-0.080 χ^2/NDF: 1512411.3/31

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -252.890+/-0.139 χ^2/NDF:41791.0/15

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -252.442+/-0.144 χ^2/NDF:63952.1/14

Left: -252.673+/-0.100 χ^2/NDF: 105748.1/30

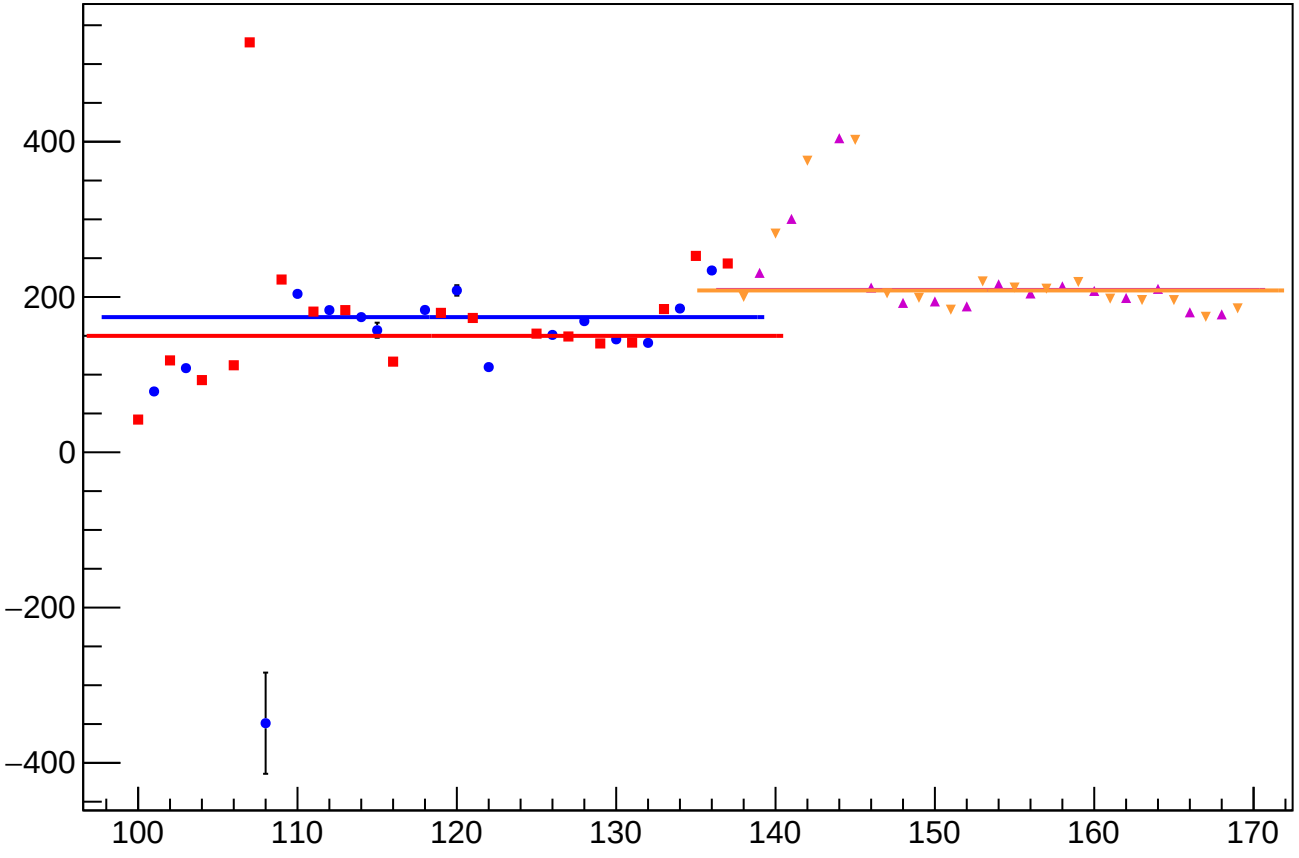
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:610705.0/30

Out: -228.492+/-0.107 χ^2/NDF:291915.8/33

All: -158.222+/-0.000 χ^2/NDF: 1337645.3/64

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 208.443+/-0.139 χ^2/NDF:45094.6/15

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 209.089+/-0.144 χ^2/NDF:78950.7/14

Left: 208.755+/-0.100 χ^2/NDF: 124055.7/30

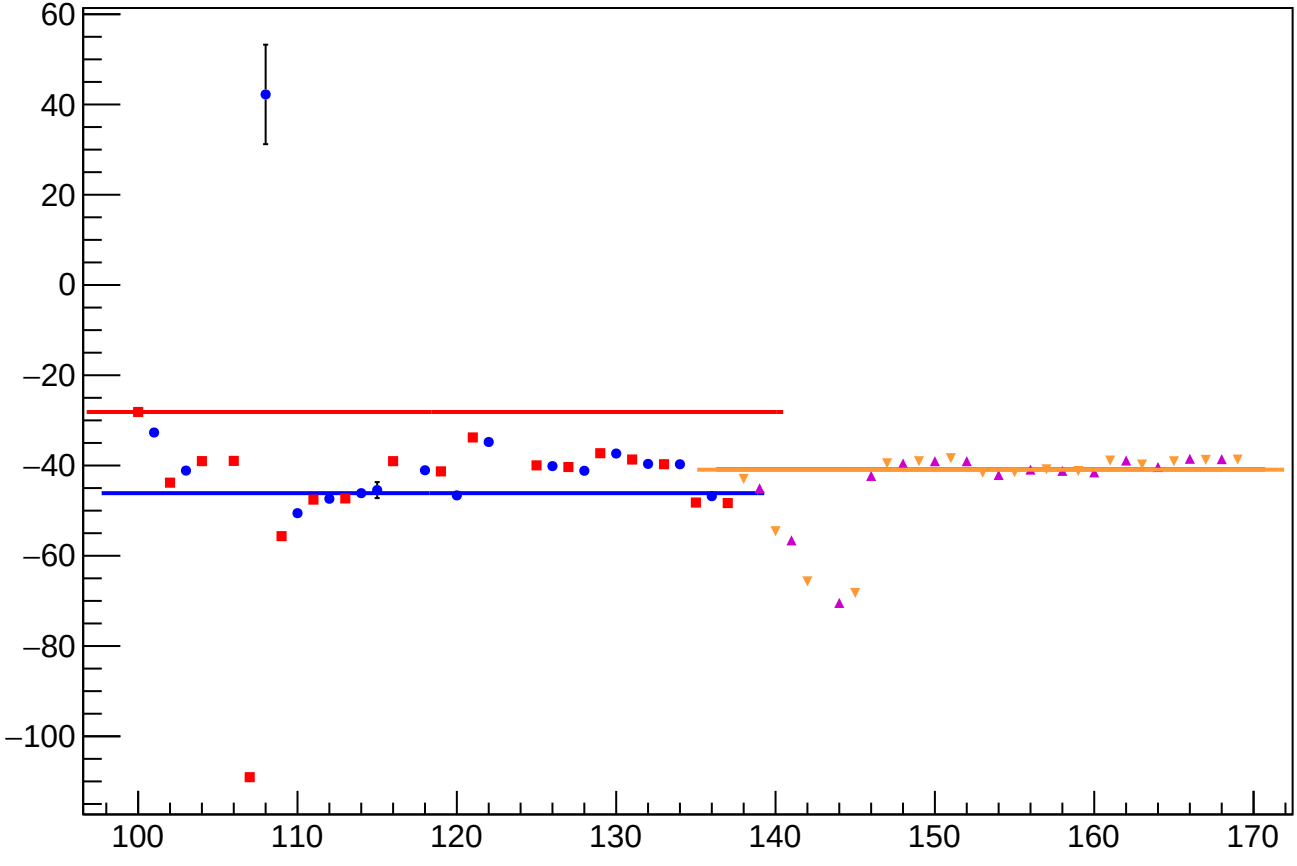
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:191282.4/30

Out: 188.726+/-0.114 χ^2/NDF:272264.5/33

All: 174.085+/-0.000 χ^2/NDF: 480179.2/64

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -40.923+/-0.008 χ^2/NDF:101972.2/15

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -40.861+/-0.009 χ^2/NDF:166177.6/14

Left: -40.897+/-0.006 χ^2/NDF: 268177.9/30

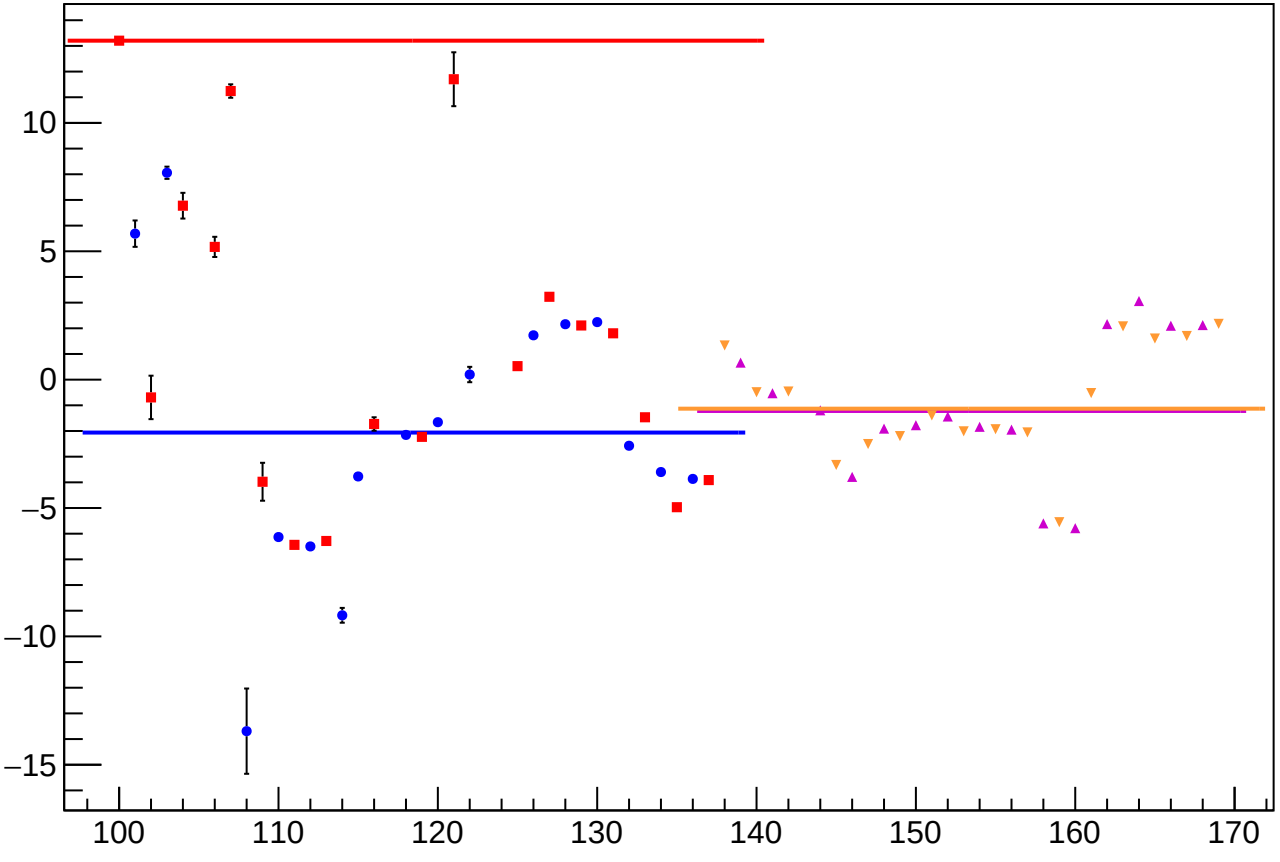
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:711292.8/30

Out: -28.139+/-0.000 χ^2/NDF:3663295.3/33

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -1.131+/-0.008 χ^2/NDF:93548.0/15

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -1.220+/-0.007 χ^2/NDF:135911.7/14

Left: -1.184+/-0.005 χ^2/NDF: 229533.6/30

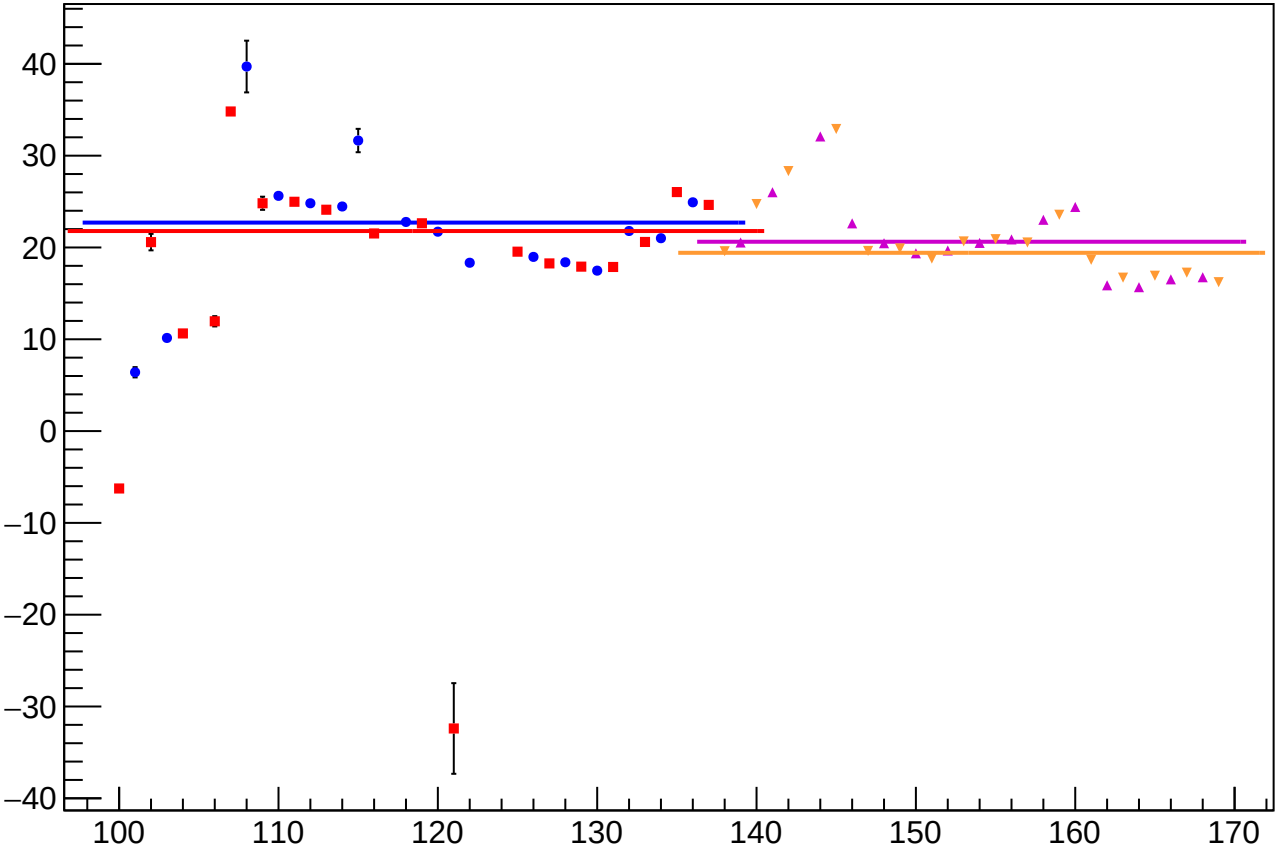
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -1.320+/-0.006 χ^2/NDF:163538.8/30

Out: 13.204+/-0.000 χ^2/NDF:3805629.7/33

All: 13.204+/-0.000 χ^2/NDF: 9521993.7/64

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 19.420+/-0.009 χ^2/NDF:71739.4/15

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 20.624+/-0.008 χ^2/NDF:100054.5/14

Left: 20.082+/-0.006 χ^2/NDF: 181233.2/30

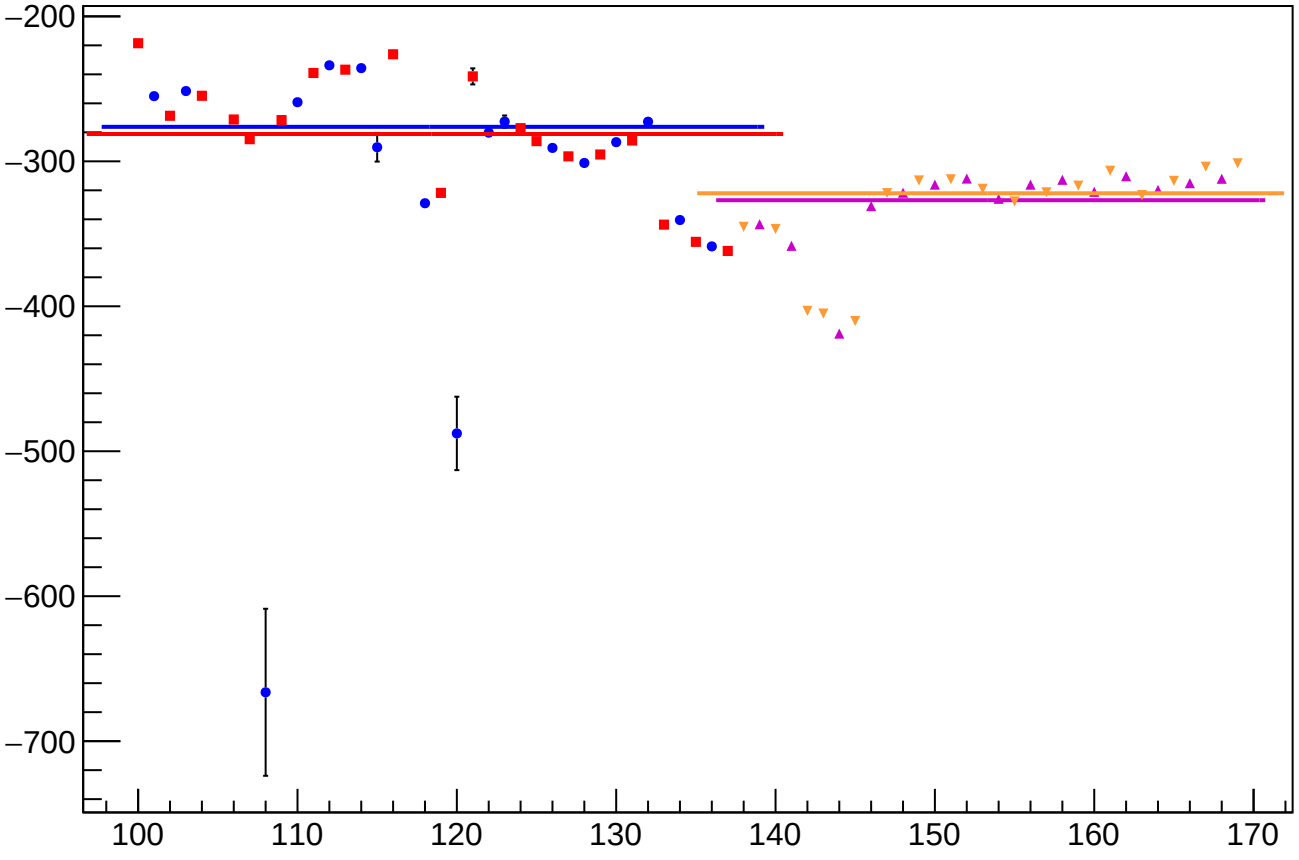
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 20.967+/-0.008 χ^2/NDF:133168.3/30

Out: 19.786+/-0.008 χ^2/NDF:108671.9/33

All: 20.439+/-0.006 χ^2/NDF: 252629.1/64

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -322.046+/-0.121 χ^2/NDF:37938.9/16

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -326.816+/-0.114 χ^2/NDF:39137.0/14

Left: -324.554+/-0.083 χ^2/NDF: 77899.0/31

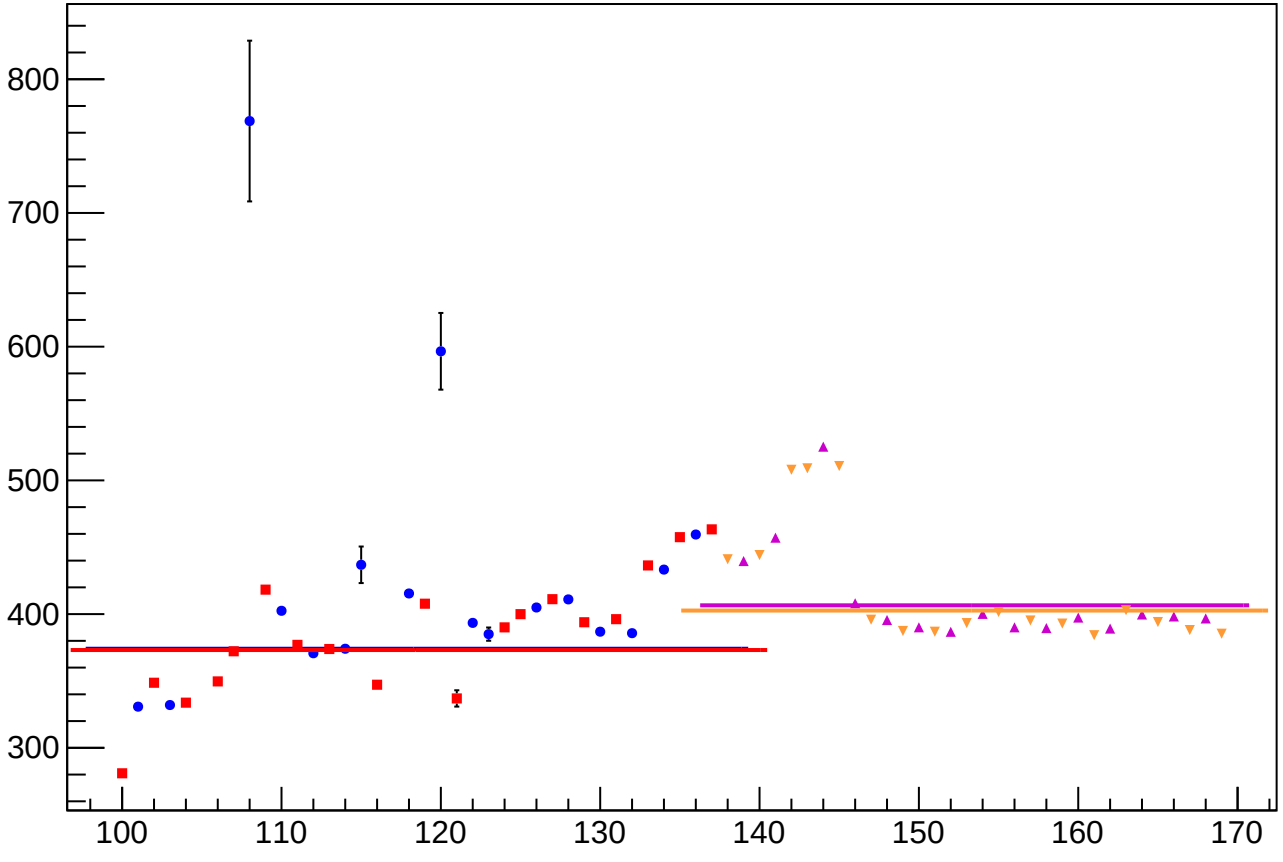
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -310.575+/-0.094 χ^2/NDF:159954.3/31

Out: -305.676+/-0.093 χ^2/NDF:161619.6/35

All: -308.100+/-0.066 χ^2/NDF: 322936.4/67

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 402.664+/-0.122 χ^2/NDF:56956.9/16

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 406.565+/-0.115 χ^2/NDF:63285.6/14

Left: 404.724+/-0.084 χ^2/NDF: 120781.0/31

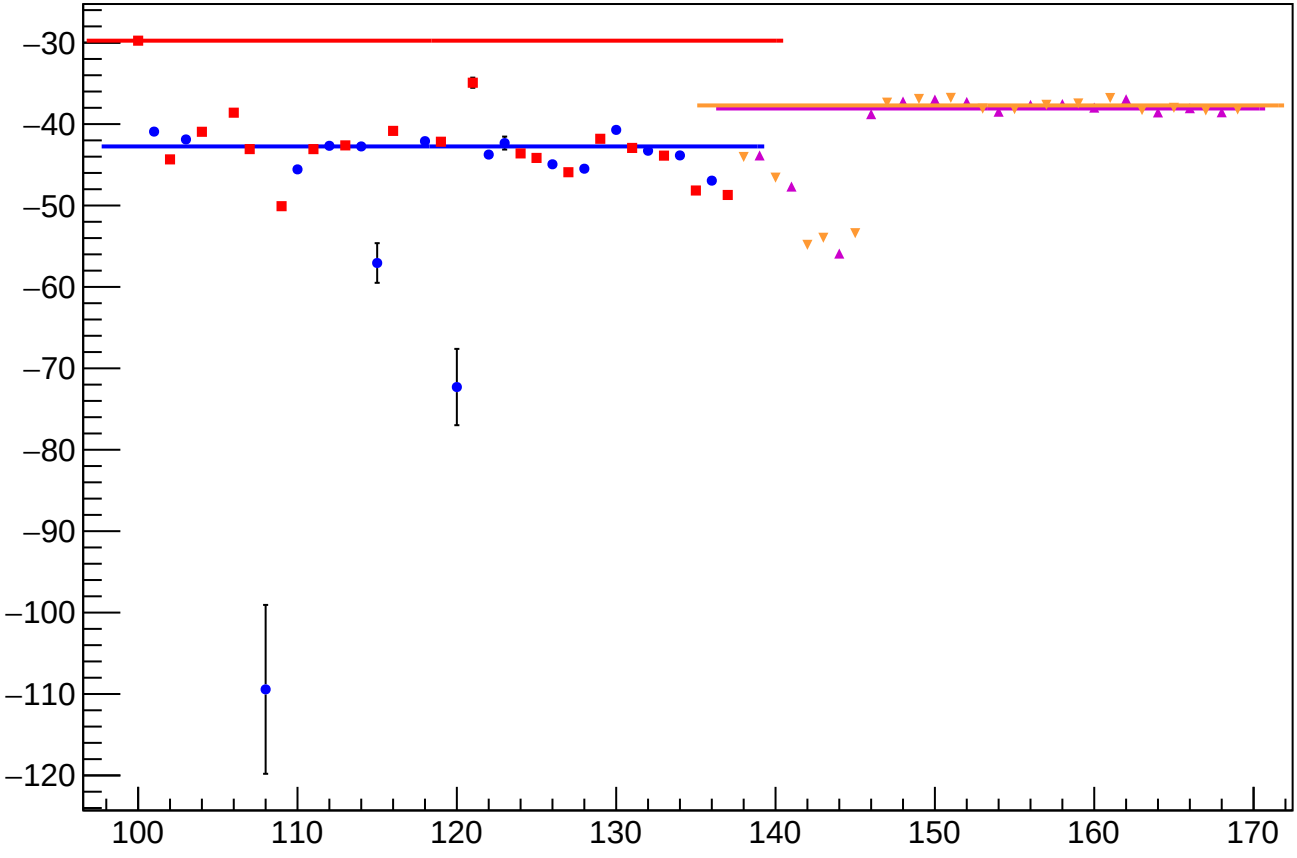
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:177424.9/31

Out: 391.612+/-0.097 χ^2/NDF:187048.5/35

All: 374.094+/-0.000 χ^2/NDF: 397342.0/67

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.707+/-0.004 χ^2/NDF:257658.2/16

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.085+/-0.005 χ^2/NDF:148961.7/14

Left: -37.883+/-0.003 χ^2/NDF: 409989.6/31

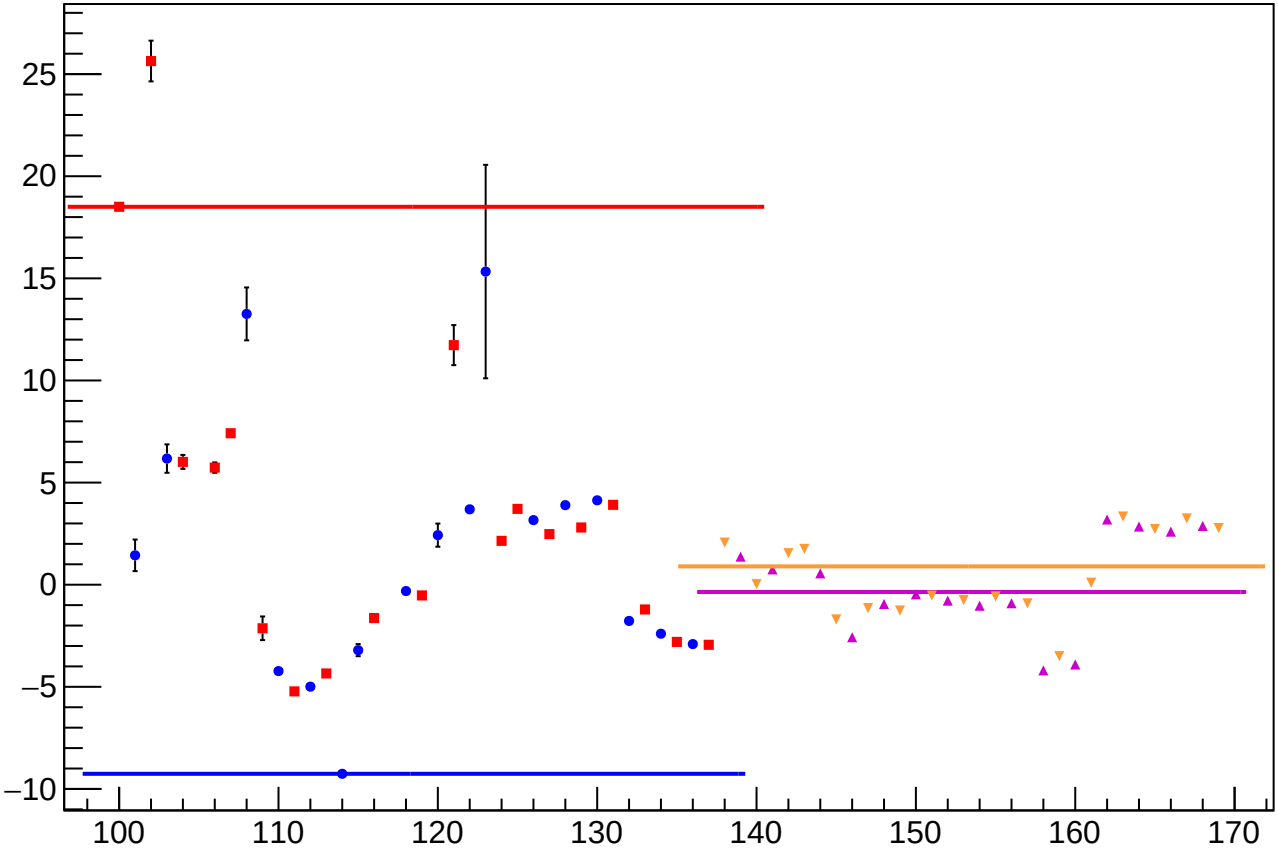
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:1122673.3/31

Out: -29.754+/-0.000 χ^2/NDF:3948142.2/35

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: 0.898+/-0.006 χ^2/NDF:139084.9/16

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: -0.356+/-0.007 χ^2/NDF:105831.2/14

Left: 0.352+/-0.004 χ^2/NDF: 264046.6/31

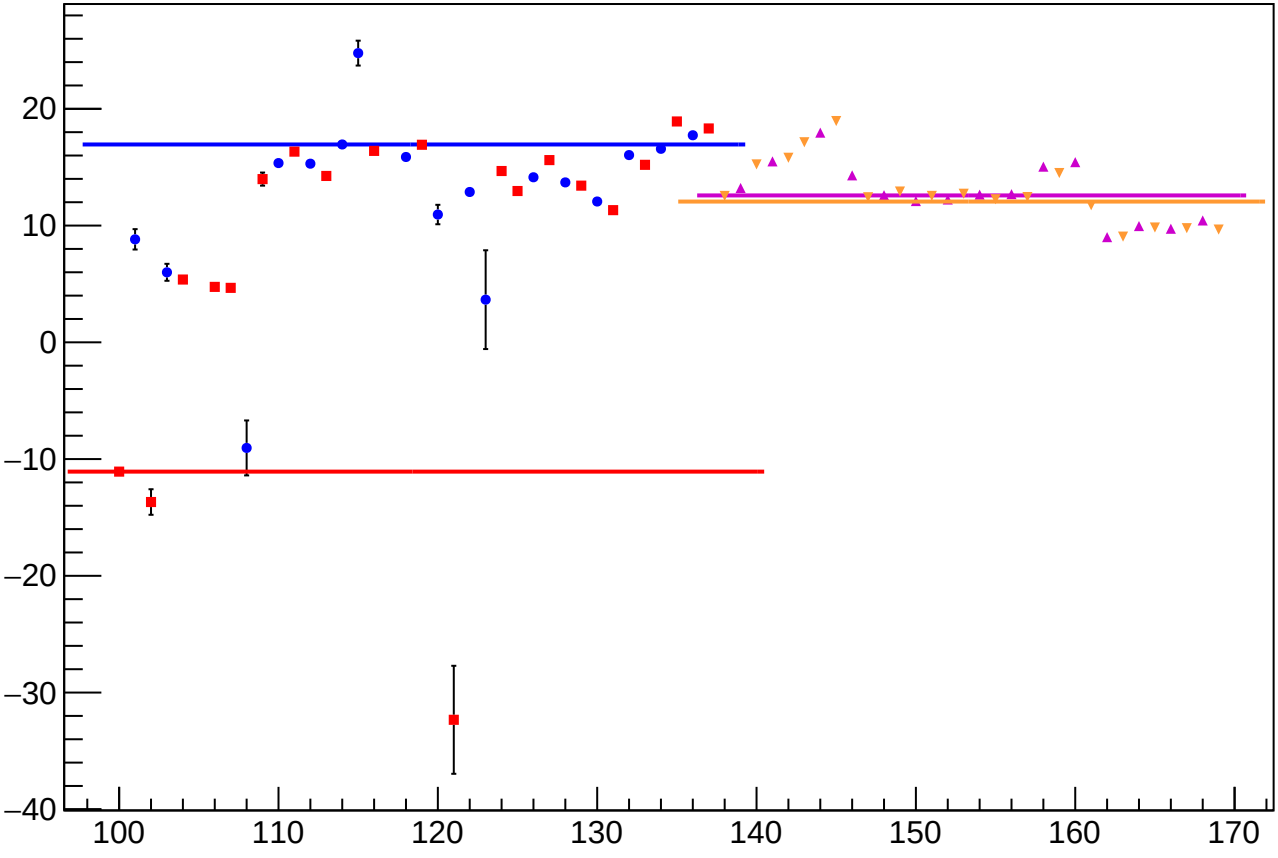
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:2219304.1/31

Out: 18.504+/-0.000 χ^2/NDF:16183772.7/35

All: 6.039+/-0.000 χ^2/NDF: 16450574505955

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 12.056+/-0.008 χ^2/NDF:55879.0/16

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 12.583+/-0.010 χ^2/NDF:39681.8/14

Left: 12.279+/-0.006 χ^2/NDF: 97286.7/31

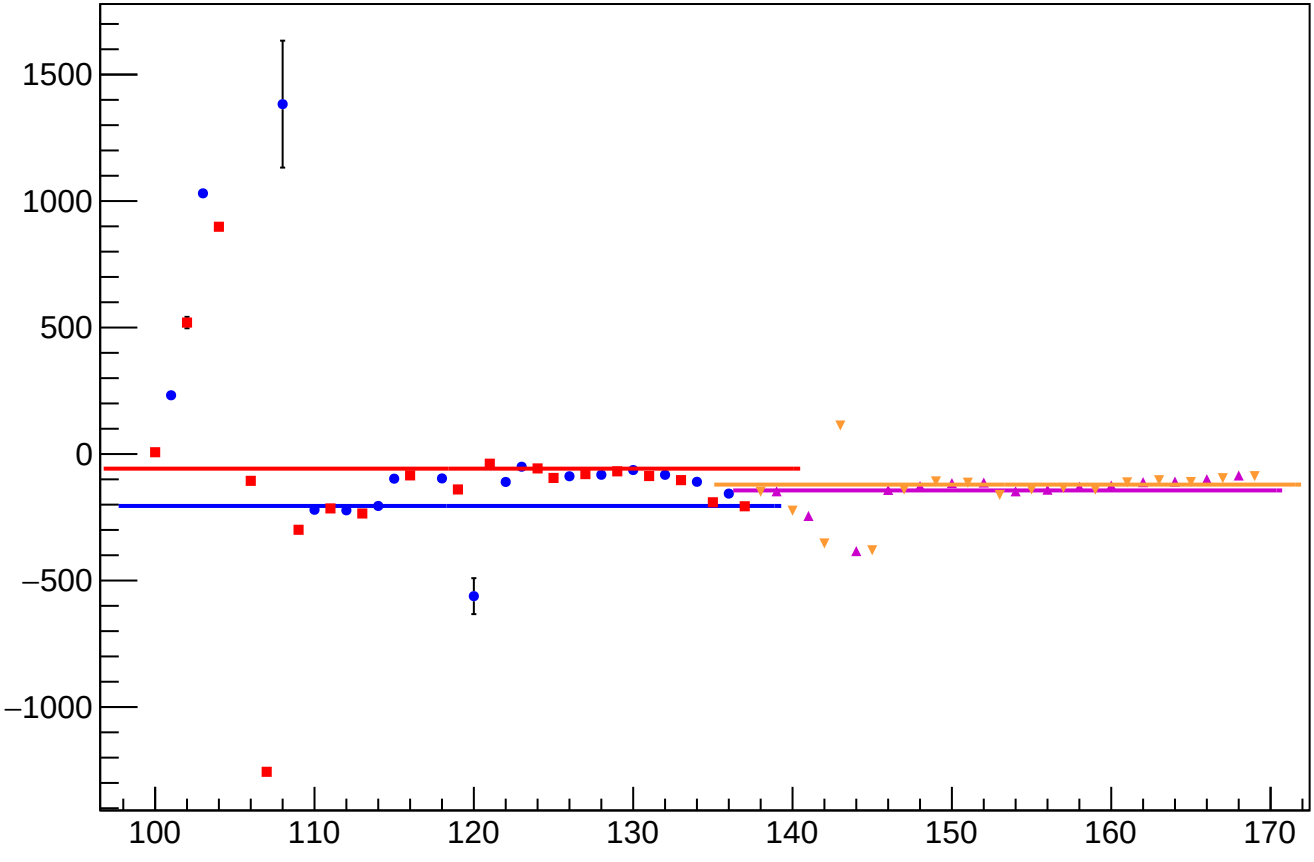
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:256641.3/31

Out: -11.075+/-0.000 χ^2/NDF:10650074.5/35

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: -120.790+/-0.221 χ^2/NDF:51168.9/16

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -143.815+/-0.298 χ^2/NDF:45718.2/14

Left: -128.983+/-0.178 χ^2/NDF: 100734.9/31

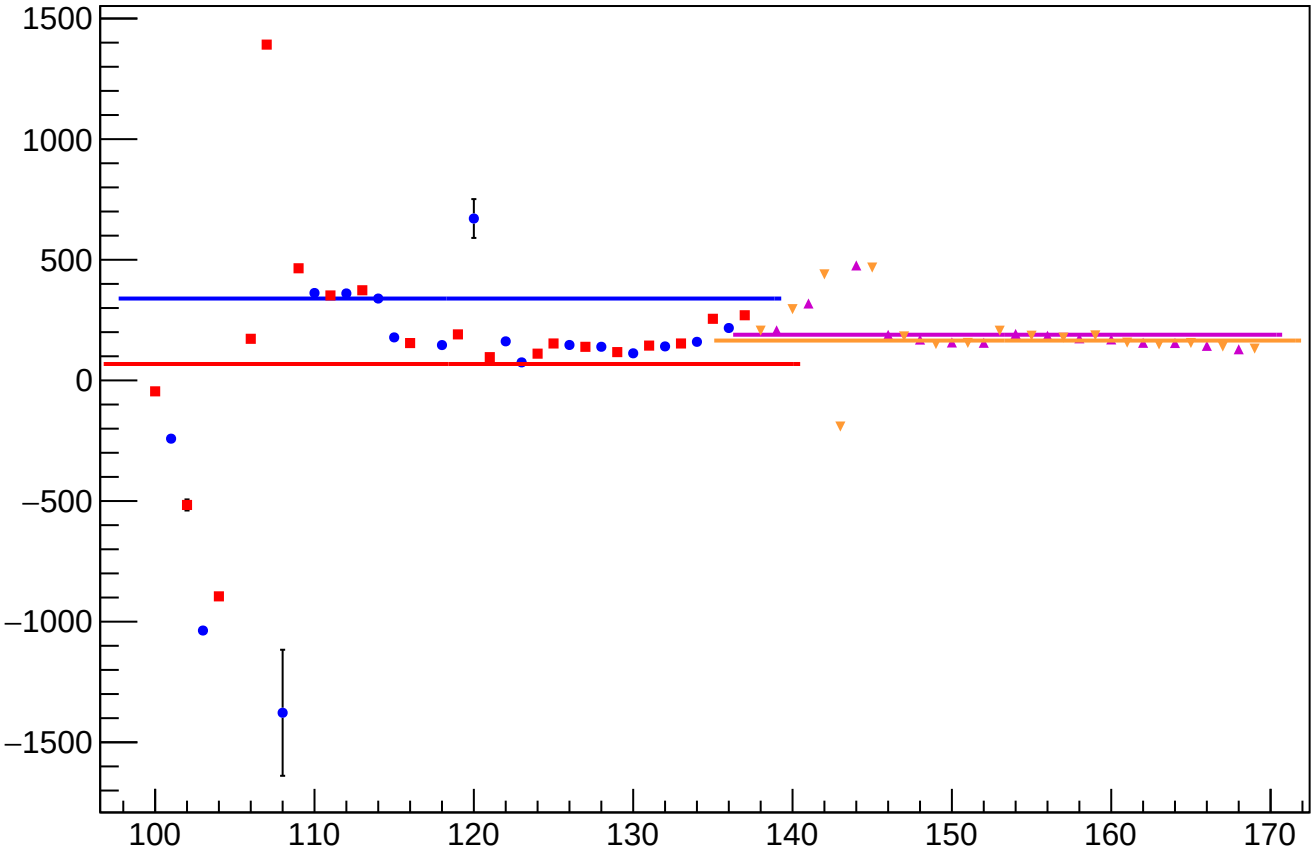
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:670893.8/31

Out: -96.864+/-0.174 χ^2/NDF:196819.6/35

All: -205.160+/-0.000 χ^2/NDF: 1252998.1/67

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 165.178+/-0.226 χ^2/NDF:85750.8/16

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 189.316+/-0.302 χ^2/NDF:52169.6/14

Left: 173.831+/-0.181 χ^2/NDF: 142014.9/31

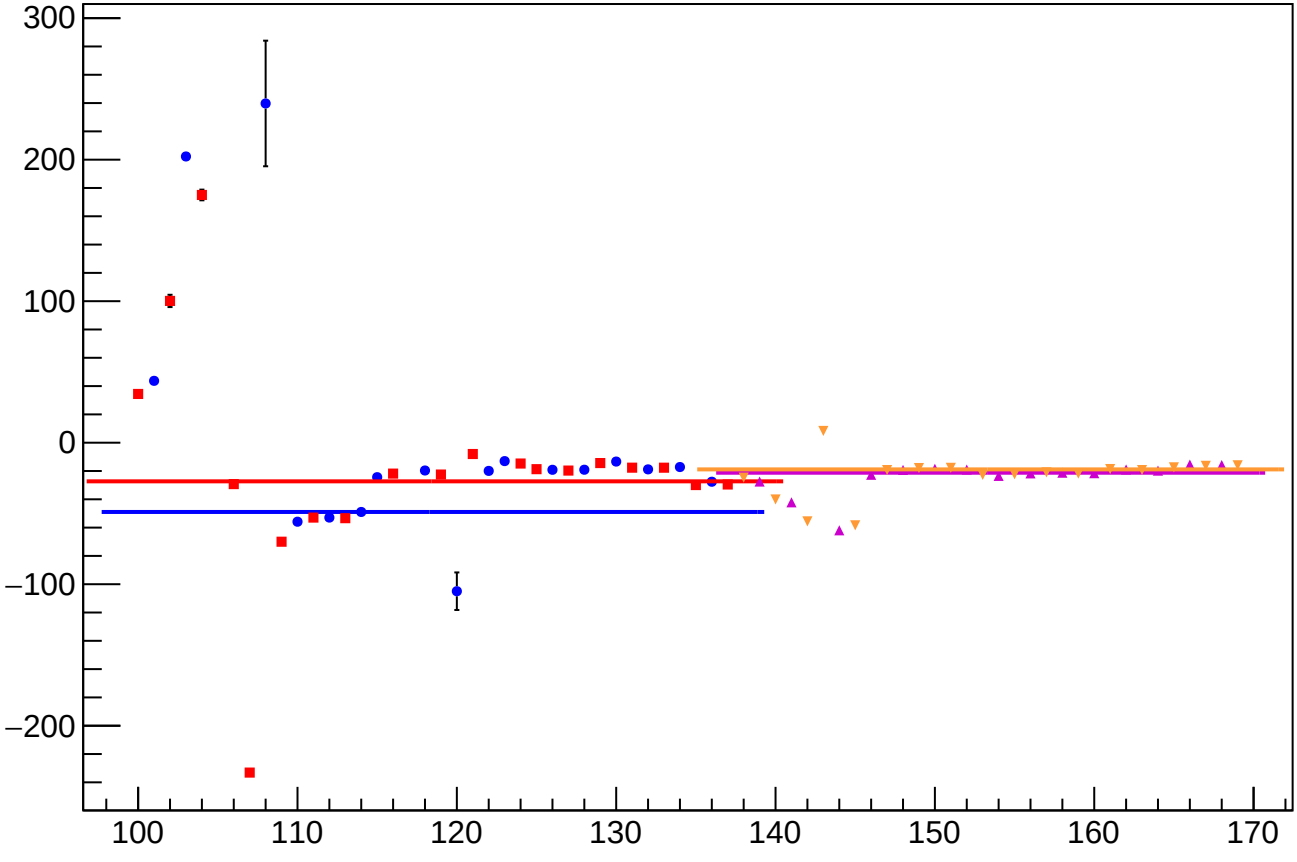
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1329288.4/31

Out: 127.871+/-0.177 χ^2/NDF:429125.9/35

All: 339.325+/-0.000 χ^2/NDF: 3181171.2/67

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -18.861+/-0.012 χ^2/NDF:572853.0/16

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -21.216+/-0.016 χ^2/NDF:134226.7/14

Left: -19.684+/-0.010 χ^2/NDF: 720433.3/31

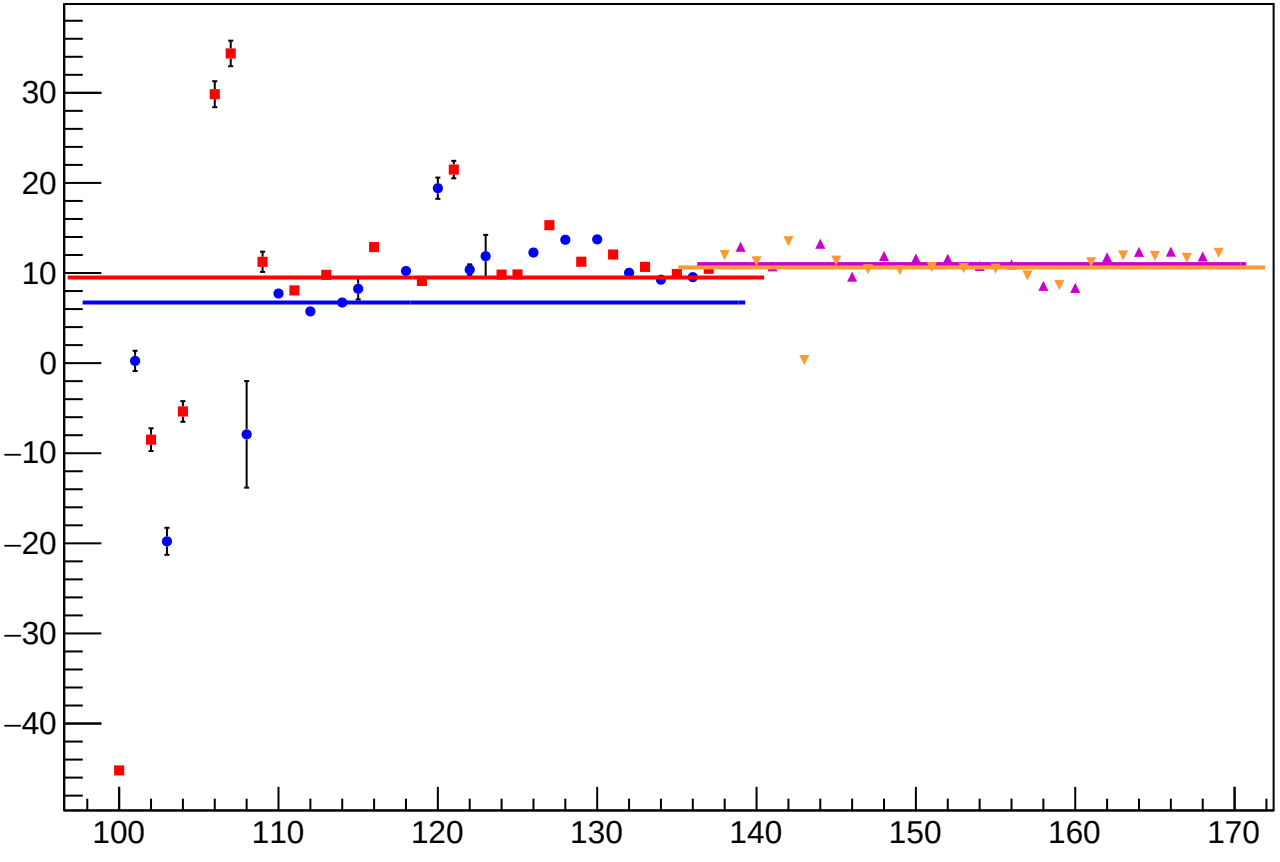
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:8387148.2/31

Out: -19.296+/-0.012 χ^2/NDF:766026.6/35

All: -48.945+/-0.000 χ^2/NDF: 15541523.0/67

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.623+/-0.015 χ^2/NDF:25485.4/16

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 10.991+/-0.013 χ^2/NDF:9633.0/14

Left: 10.831+/-0.010 χ^2/NDF: 35441.8/31

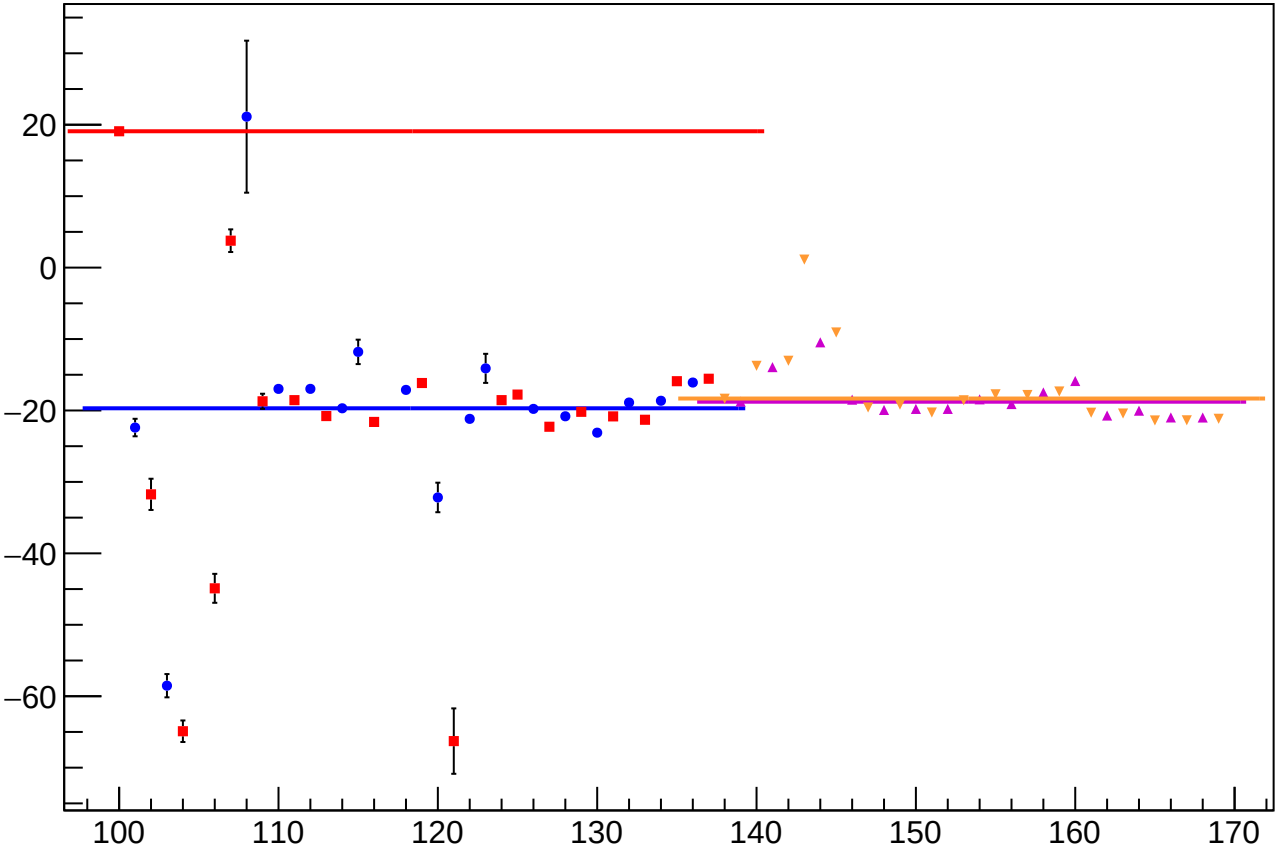
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:123288.3/31

Out: 10.446+/-0.014 χ^2/NDF:53141.6/35

All: 6.728+/-0.000 χ^2/NDF: 245666.9/67

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -18.327+/-0.018 χ^2/NDF:46012.9/16

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -18.773+/-0.019 χ^2/NDF:9880.9/14

Left: -18.546+/-0.013 χ^2/NDF: 56182.8/31

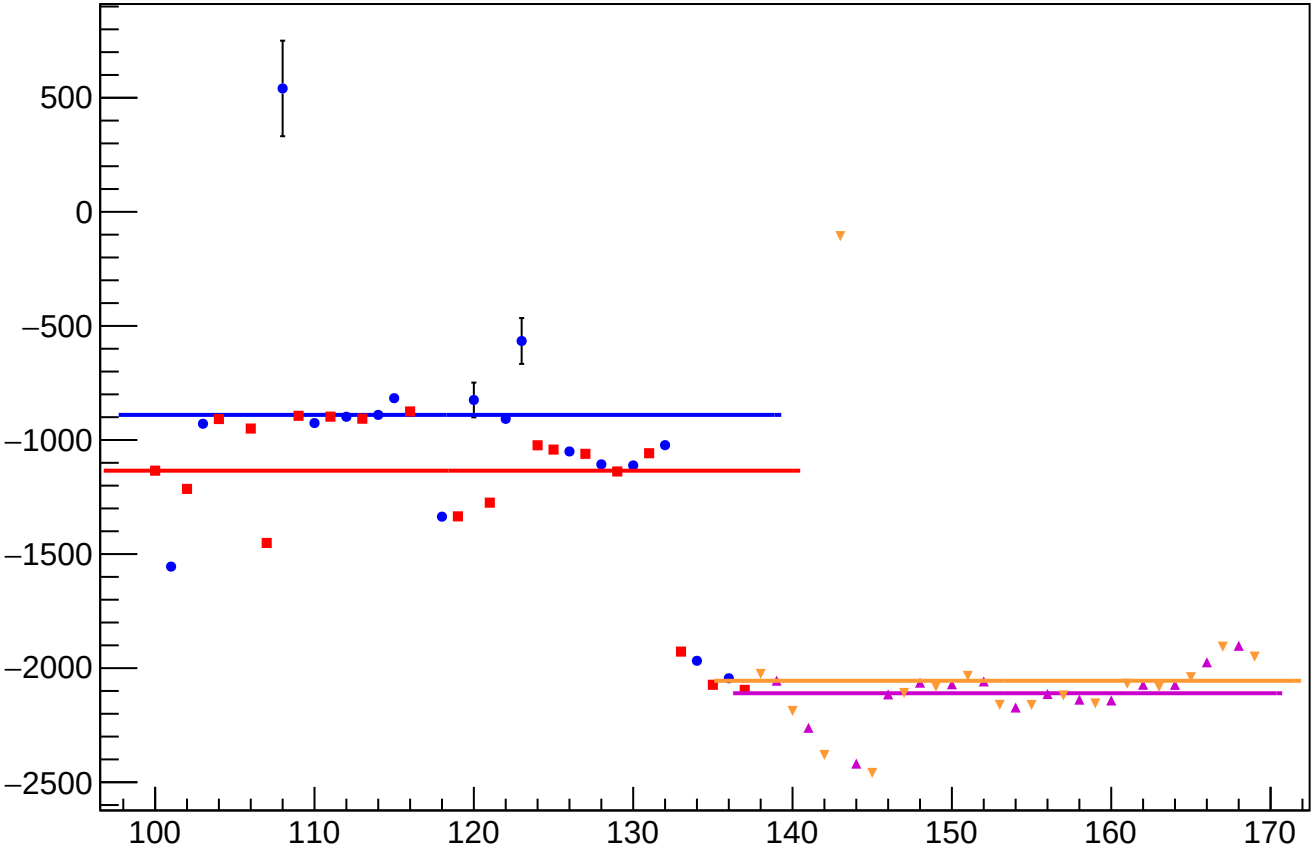
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:19880.1/31

Out: 19.086+/-0.000 χ^2/NDF:4808451.0/35

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: -2055.403+/-0.423 χ^2/NDF:296582.2/16

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2109.986+/-0.461 χ^2/NDF:52911.9/14

Left: -2080.375+/-0.312 χ^2/NDF: 357102.8/31

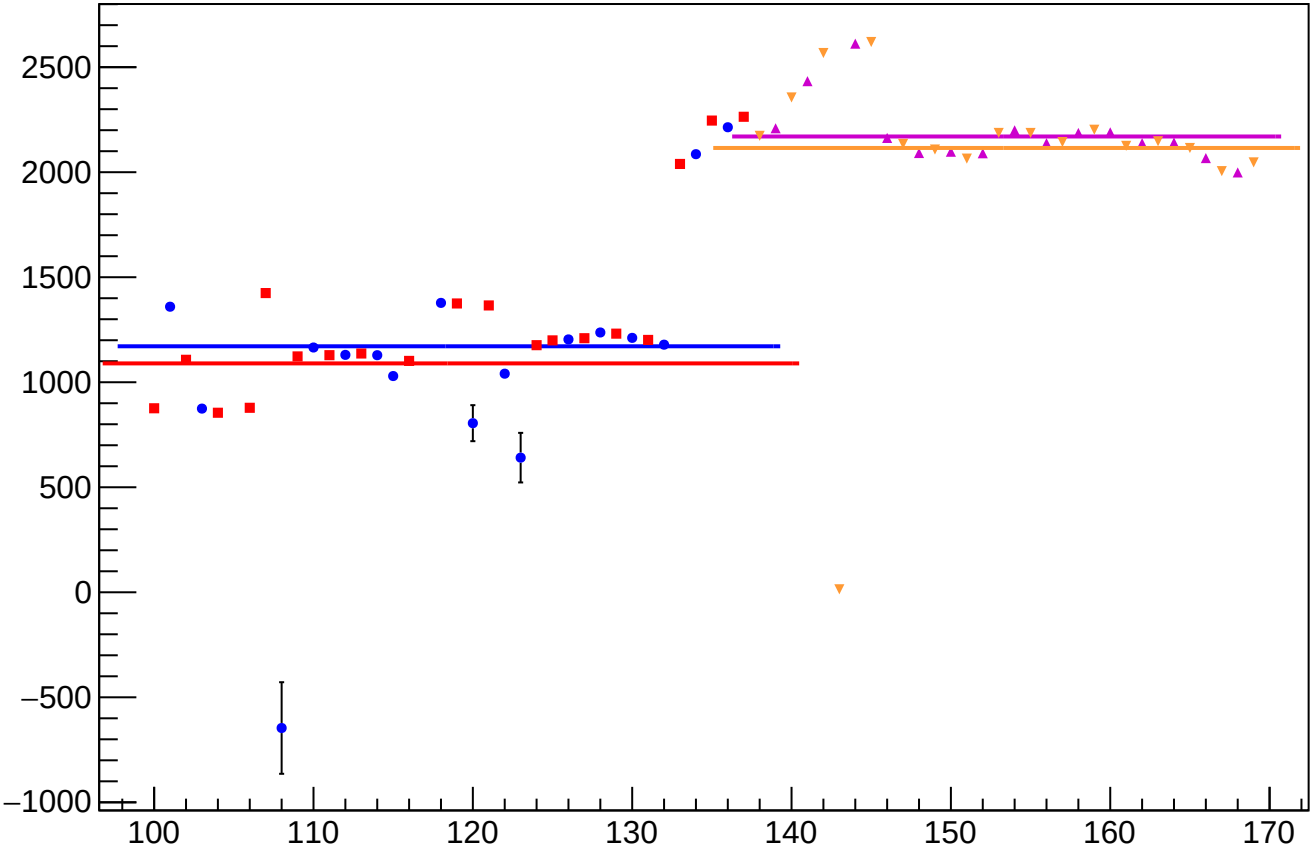
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:7836475.1/31

Out: -1134.421+/-0.000 χ^2/NDF:5765066.6/35

All: -976.220+/-0.000 χ^2/NDF: 4488978738

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2115.412+/-0.423 χ^2/NDF:318049.6/16

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2170.044+/-0.463 χ^2/NDF:69330.2/14

Left: 2140.326+/-0.312 χ^2/NDF: 394969.1/31

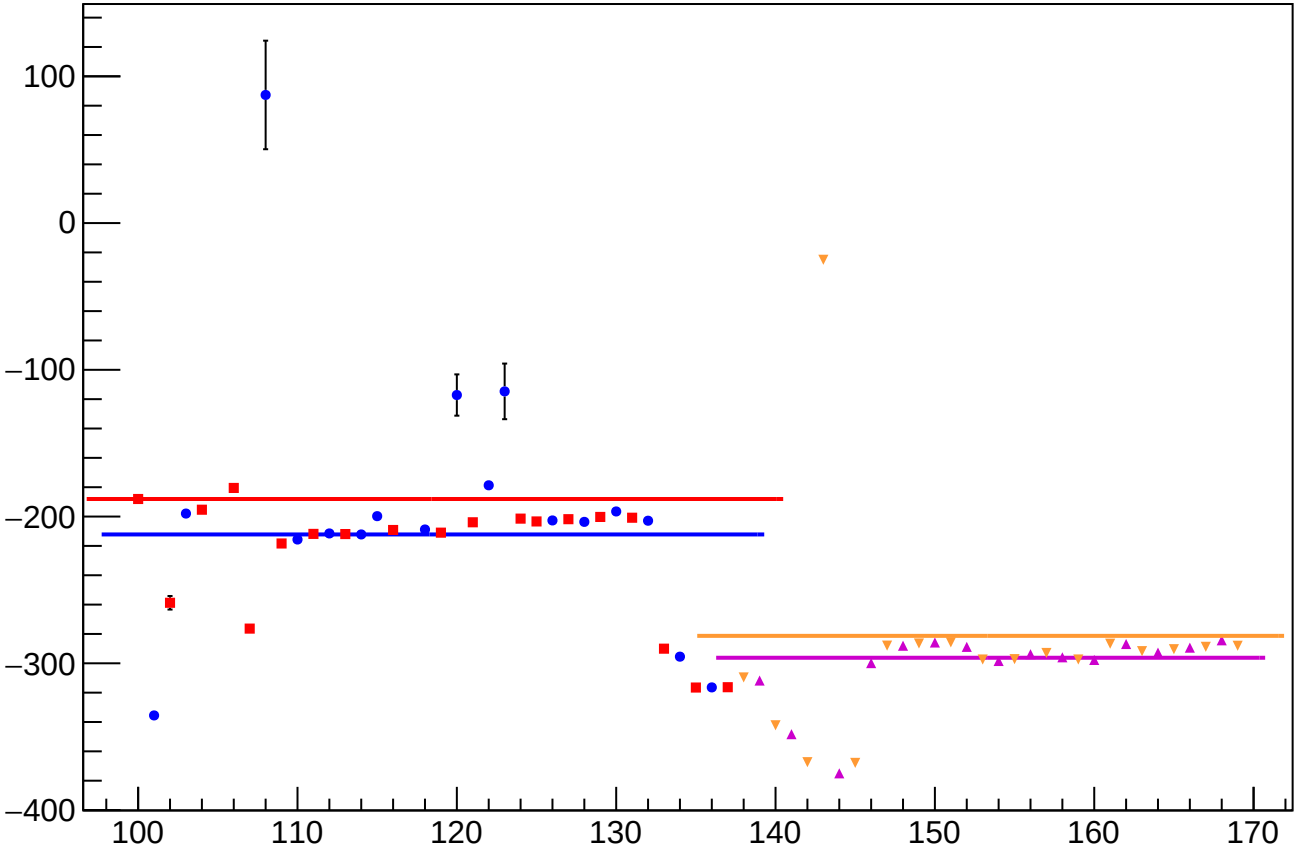
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1390.573+/-0.217 χ^2/NDF:4217941.9/31

Out: 1360.199+/-0.217 χ^2/NDF:5737676.7/35

All: 1375.436+/-0.154 χ^2/NDF: 9965404.8/67

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -281.299+/-0.025 χ^2/NDF:5770184.4/16

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -296.224+/-0.025 χ^2/NDF:301124.4/14

Left: -288.582+/-0.018 χ^2/NDF: 6247194.0/31

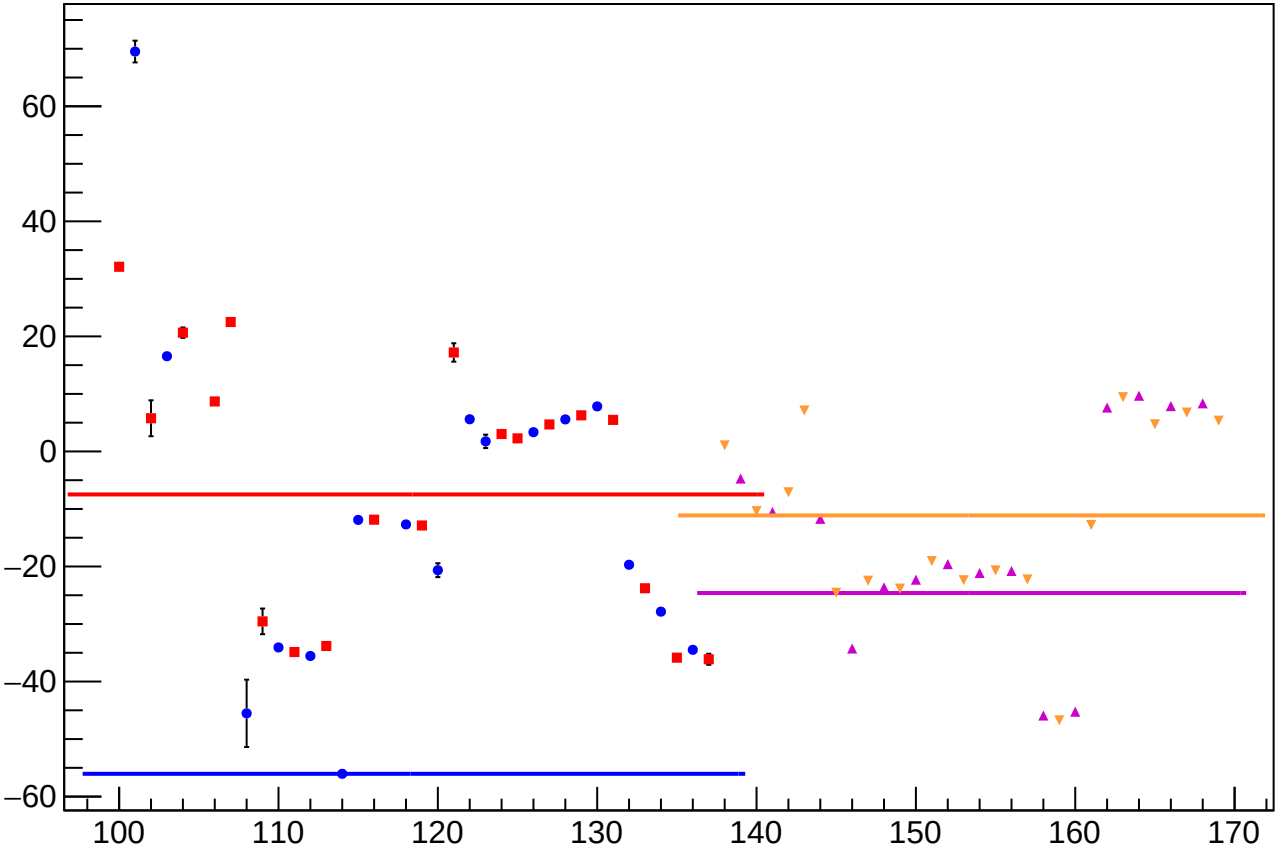
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:12341024.4/31

Out: -188.033+/-0.000 χ^2/NDF:20447332.0/35

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: -11.119+/-0.021 χ^2/NDF:865716.5/16

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -24.610+/-0.023 χ^2/NDF:625954.0/14

Left: -17.072+/-0.016 χ^2/NDF: 1677347.4/31

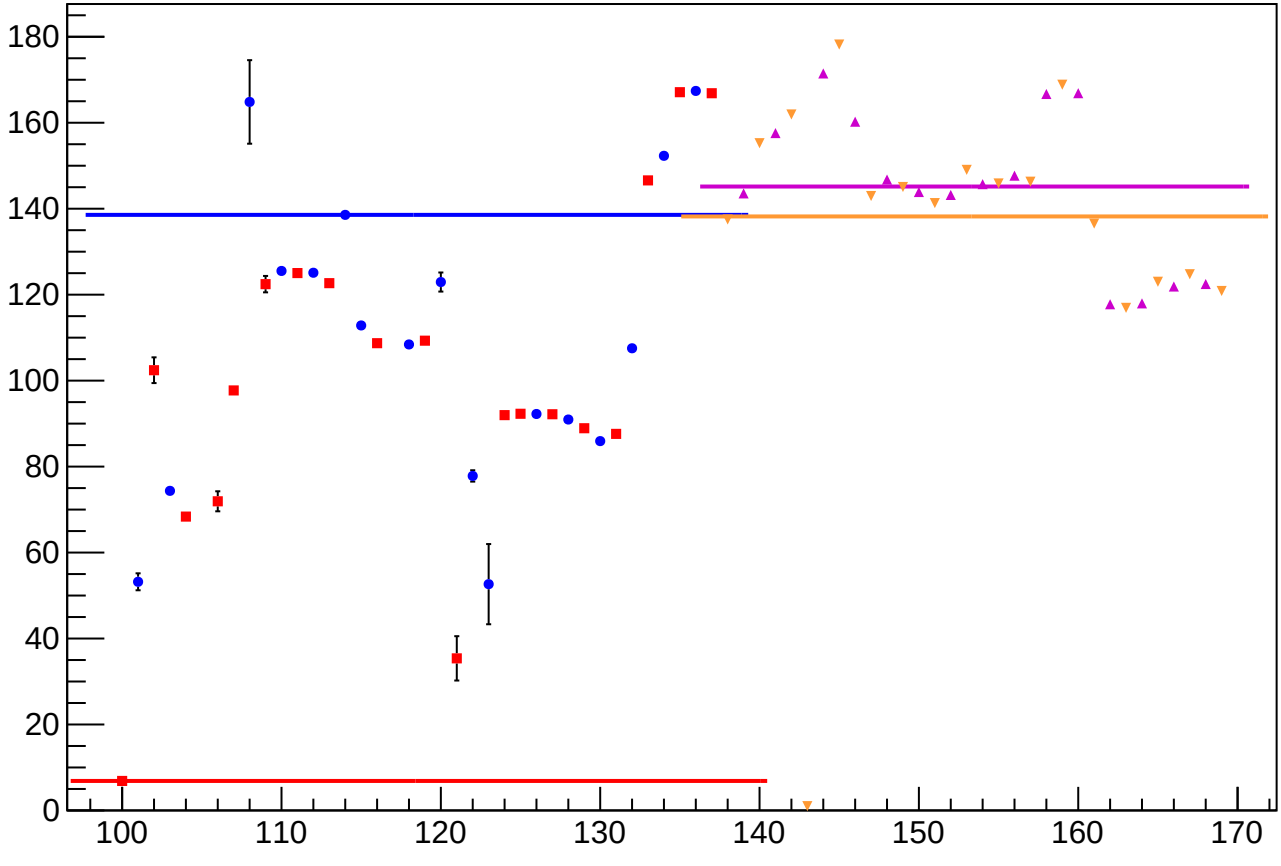
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:4014769.6/31

Out: -10.407+/-0.019 χ^2/NDF:1045610.9/35

All: -56.037+/-0.000 χ^2/NDF: 11045079.1/67

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 138.200+/-0.029 χ^2/NDF:540768.4/16

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 145.159+/-0.032 χ^2/NDF:226993.1/14

Left: 141.386+/-0.021 χ^2/NDF: 794017.7/31

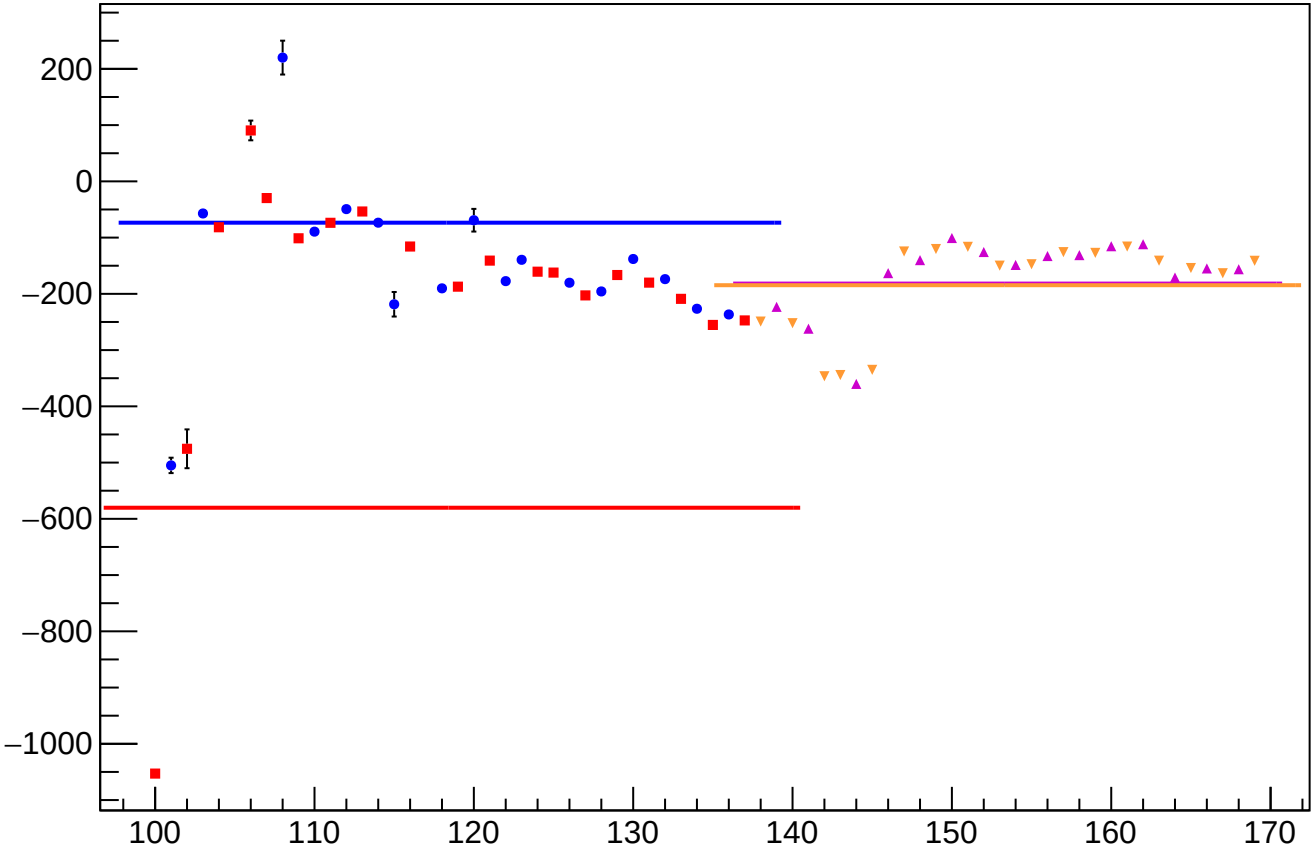
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:1171631.0/31

Out: 6.866+/-0.000 χ^2/NDF:29016548.8/35

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: -184.629+/-0.284 χ^2/NDF:68189.6/16

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -181.748+/-0.319 χ^2/NDF:61195.1/14

Left: -183.358+/-0.212 χ^2/NDF: 129430.2/31

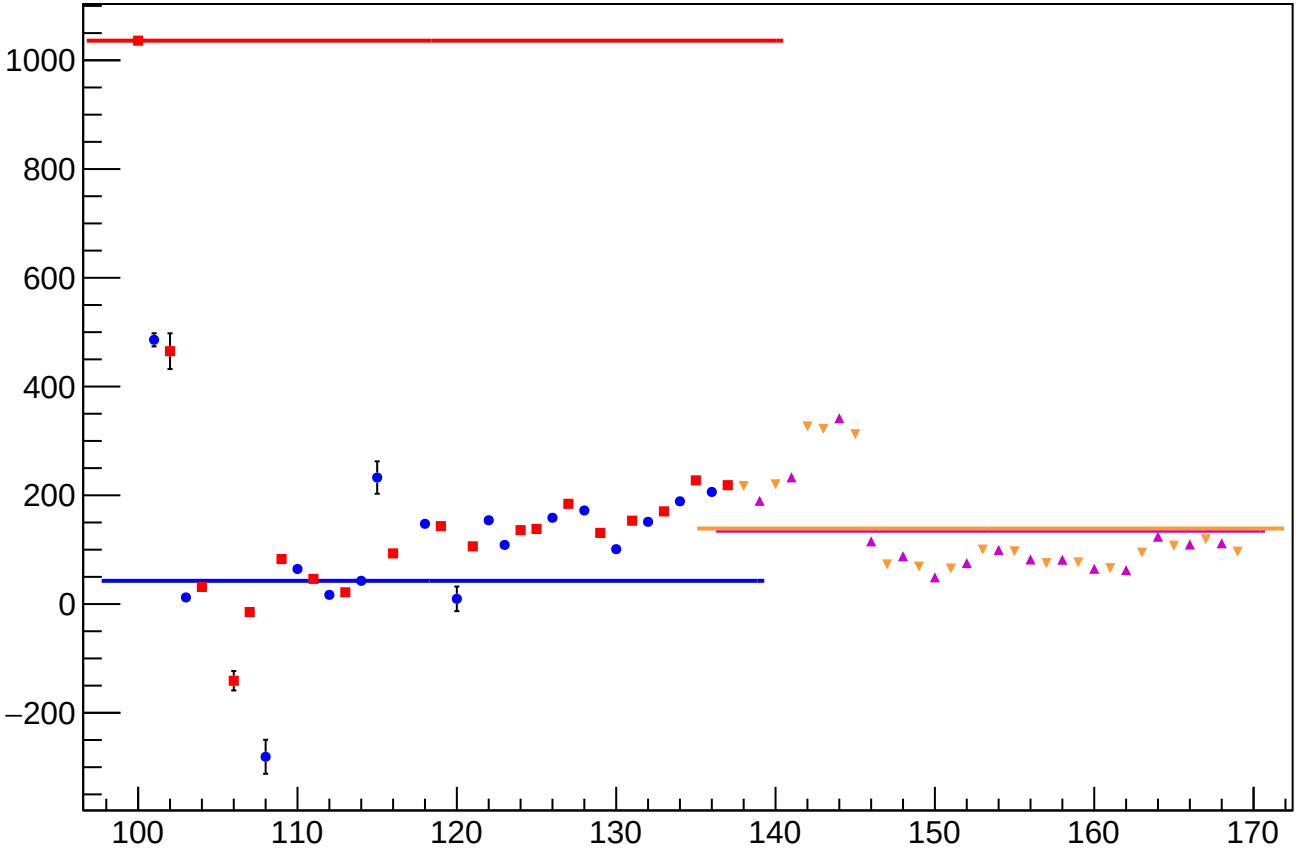
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:274791.3/31

Out: -398.987+/-0.192 χ^2/NDF:4153078.2/35

All: -73.485+/-0.000 χ^2/NDF: 7299794.6/67

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 138.894+/-0.288 χ^2/NDF:82517.5/16

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 134.834+/-0.326 χ^2/NDF:70593.7/14

Left: 137.114+/-0.216 χ^2/NDF: 153198.2/31

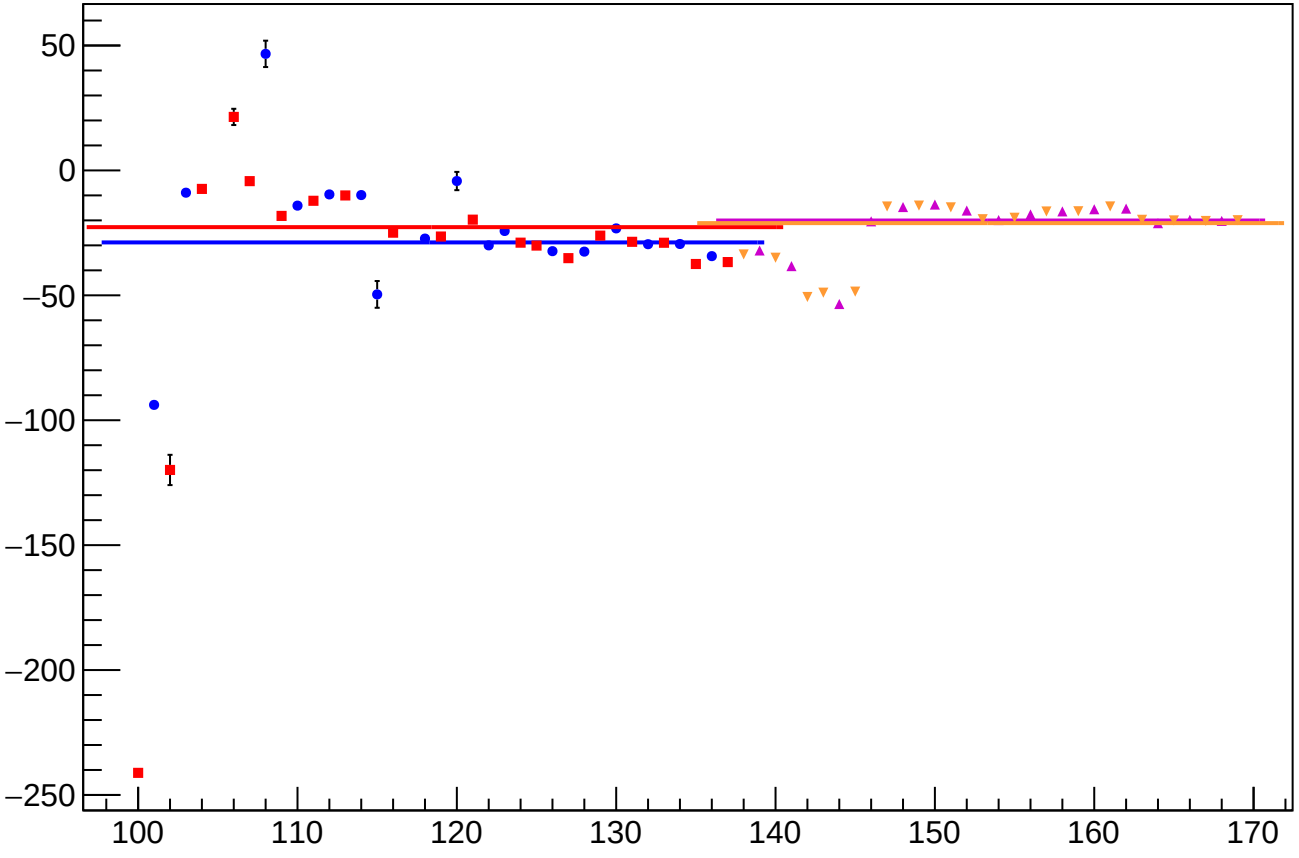
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:234869.1/31

Out: 1036.068+/-0.000 χ^2/NDF:14700772.8/35

All: 43.272+/-0.000 χ^2/NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -21.097+/-0.015 χ^2/NDF:345284.7/16

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -20.054+/-0.017 χ^2/NDF:200368.7/14

Left: -20.663+/-0.011 χ^2/NDF: 547796.1/31

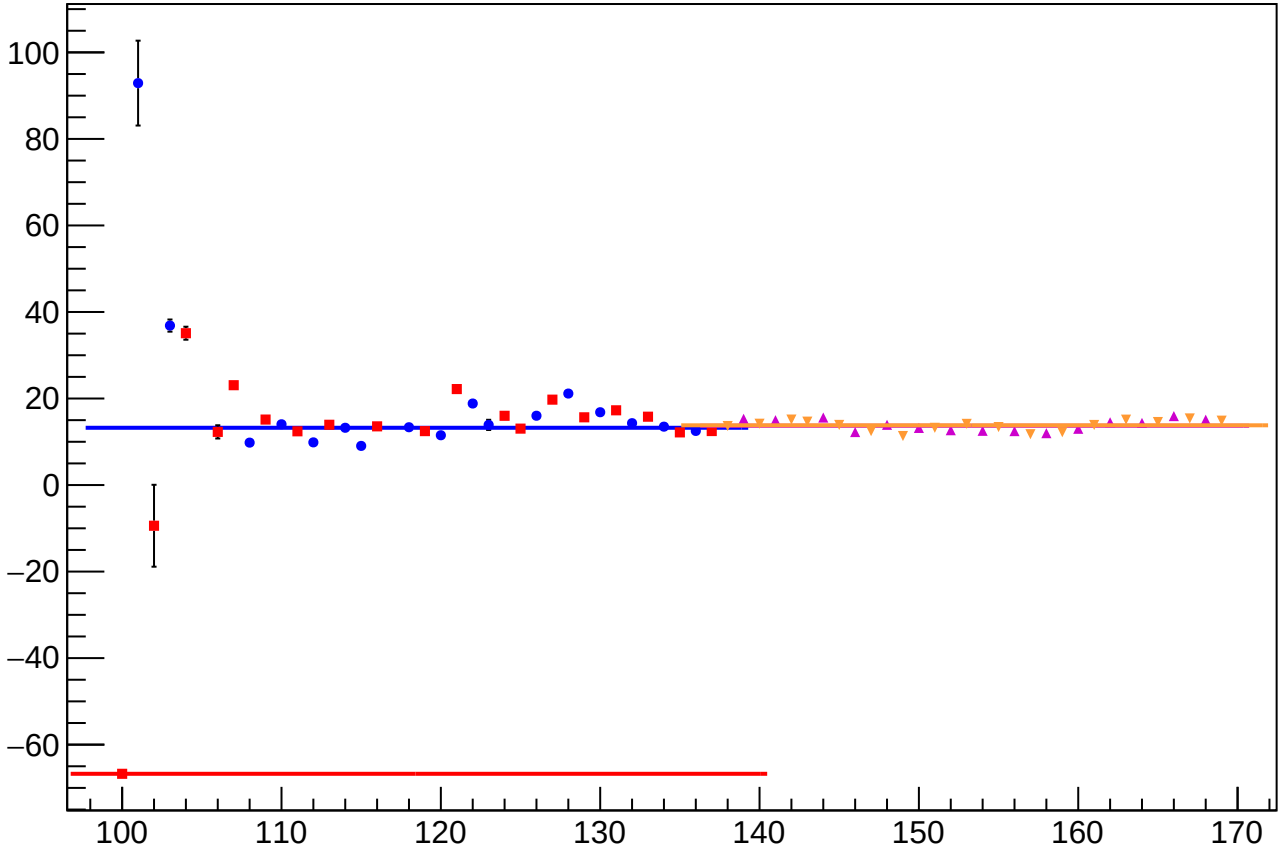
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -21.785+/-0.015 χ^2/NDF:301004.2/31

Out: -21.302+/-0.014 χ^2/NDF:757018.5/35

All: -21.513+/-0.010 χ^2/NDF: 1058574.0/67

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.810+/-0.014 χ^2/NDF:7139.1/16

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 13.705+/-0.015 χ^2/NDF:6536.7/14

Left: 13.763+/-0.010 χ^2/NDF: 13702.5/31

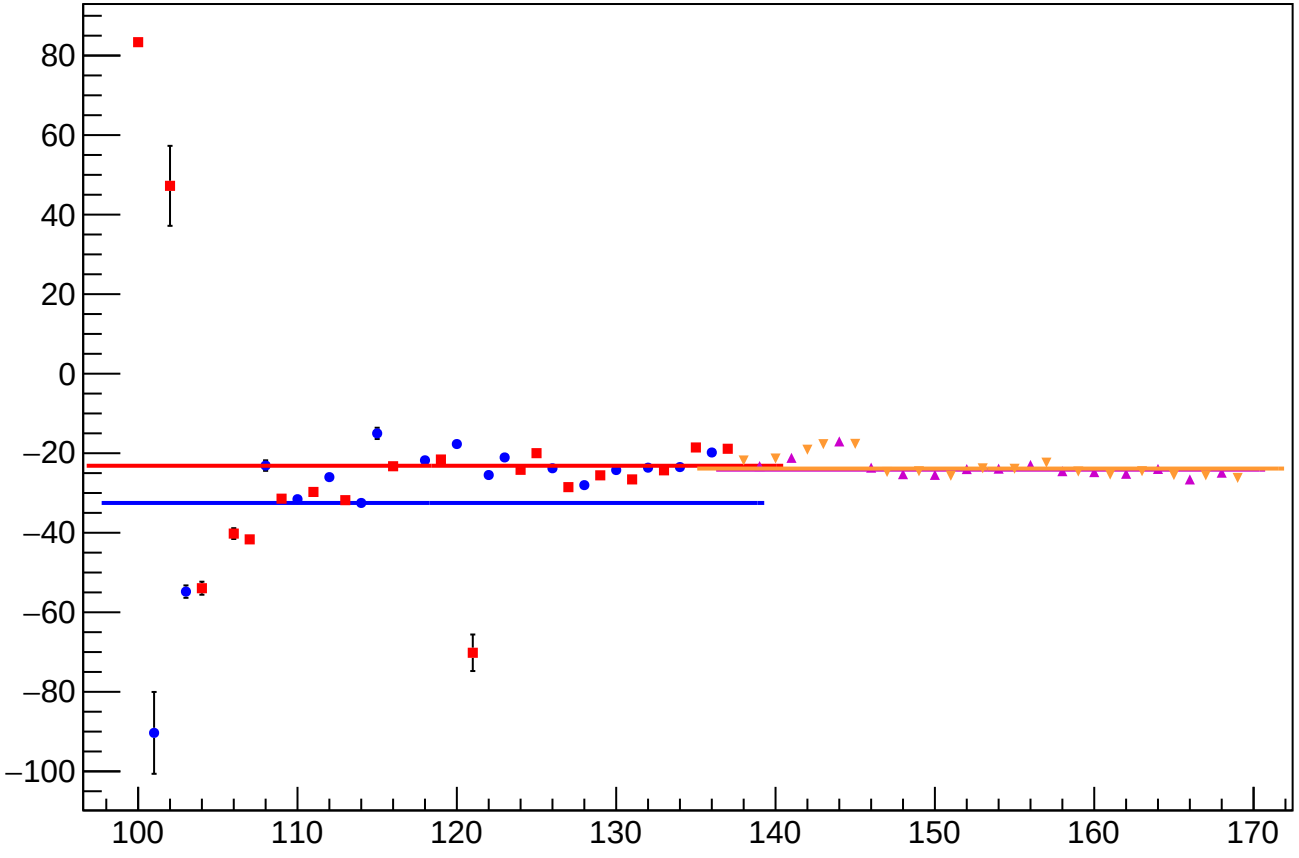
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:13250.8/31

Out: -66.739+/-0.000 χ^2/NDF:37813964.9/35

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -23.857+/-0.019 χ^2/NDF:16164.2/16

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.137+/-0.019 χ^2/NDF:6613.1/14

Left: -23.999+/-0.013 χ^2/NDF: 22888.7/31

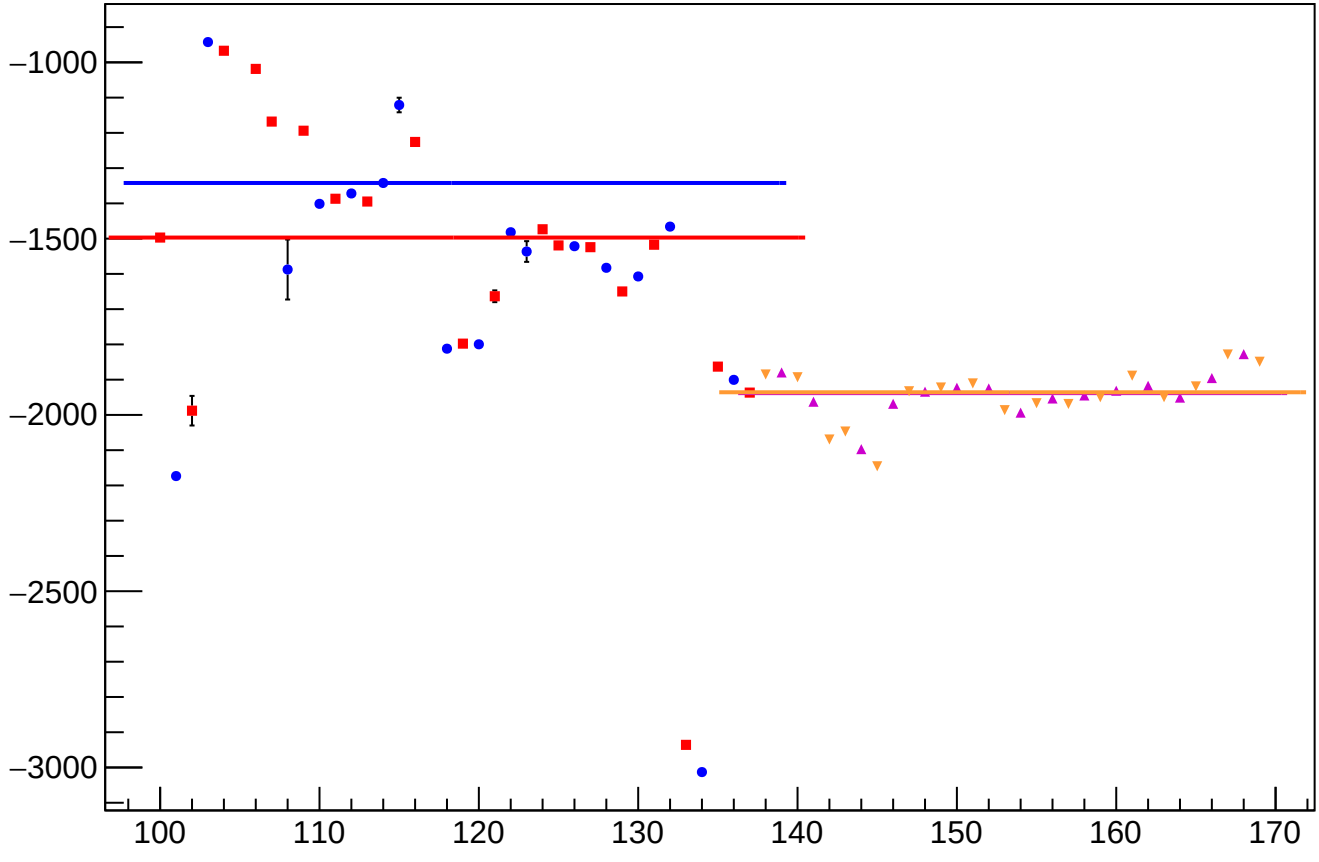
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:282486.5/31

Out: -23.762+/-0.018 χ^2/NDF:107103.7/35

All: -32.504+/-0.000 χ^2/NDF: 637913.4/67

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1935.734+/-0.382 χ^2/NDF:27252.2/16

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1938.181+/-0.335 χ^2/NDF:20759.6/14

Left: -1937.116+/-0.252 χ^2/NDF: 48035.0/31

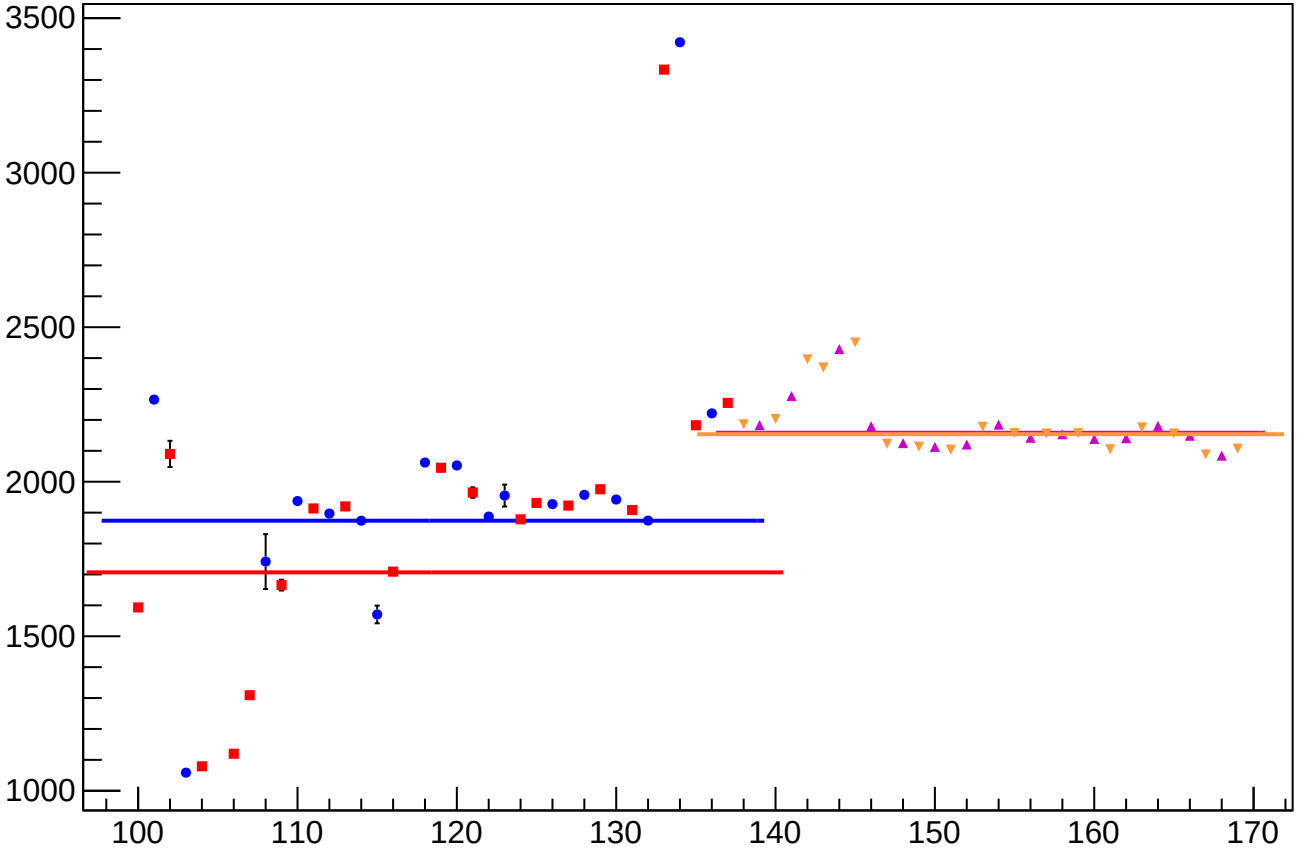
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:3552487.4/31

Out: -1496.932+/-0.000 χ^2/NDF:1853193.9/35

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: 2153.732+/-0.386 χ^2/NDF:31670.9/16

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2158.460+/-0.336 χ^2/NDF:38632.8/14

Left: 2156.424+/-0.253 χ^2/NDF: 70389.1/31

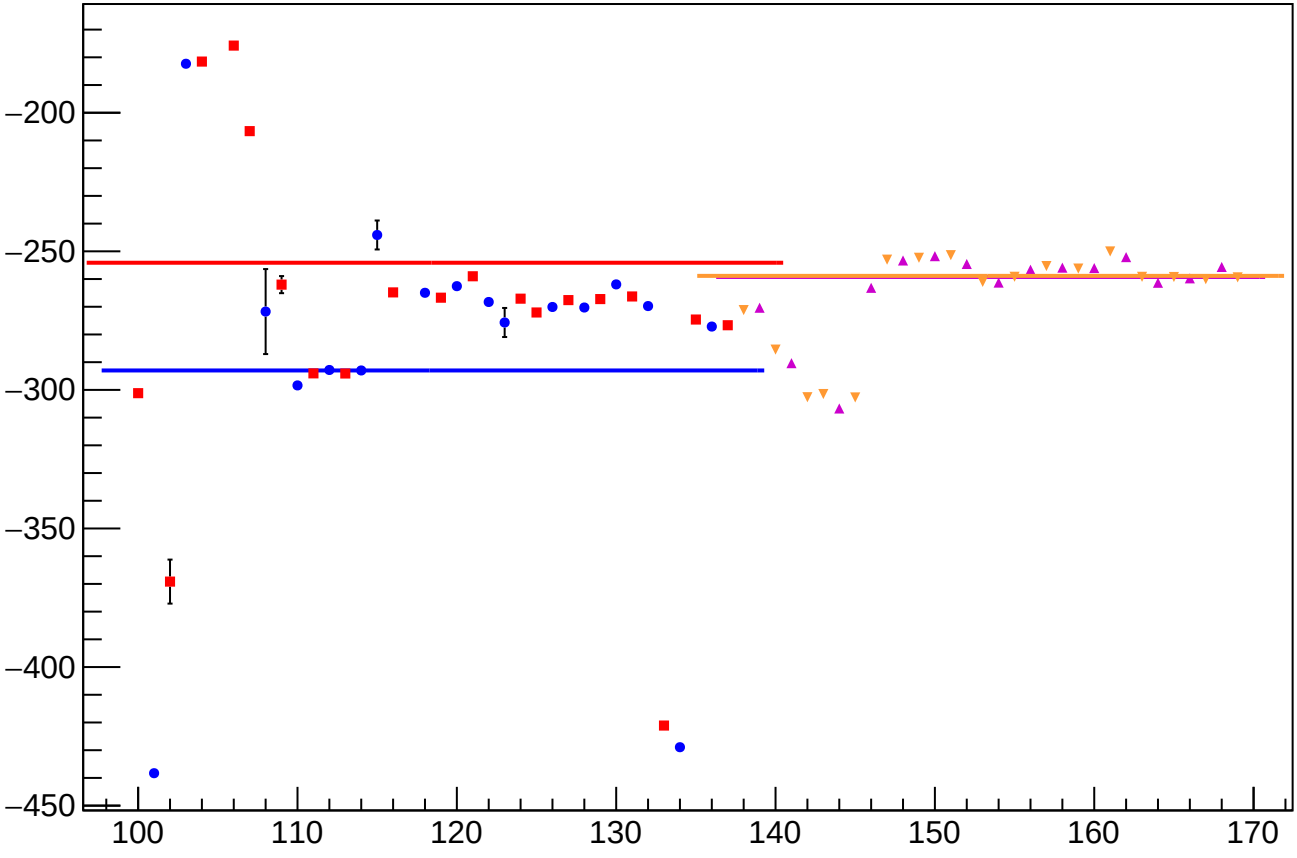
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:958994.4/31

Out: 1876.733+/-0.238 χ^2/NDF:1700594.0/35

All: 1873.852+/-0.000 χ^2/NDF: 2659734.9/67

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -258.856+/-0.022 χ^2/NDF:205017.2/16

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -259.259+/-0.020 χ^2/NDF:249392.2/14

Left: -259.083+/-0.015 χ^2/NDF: 454594.4/31

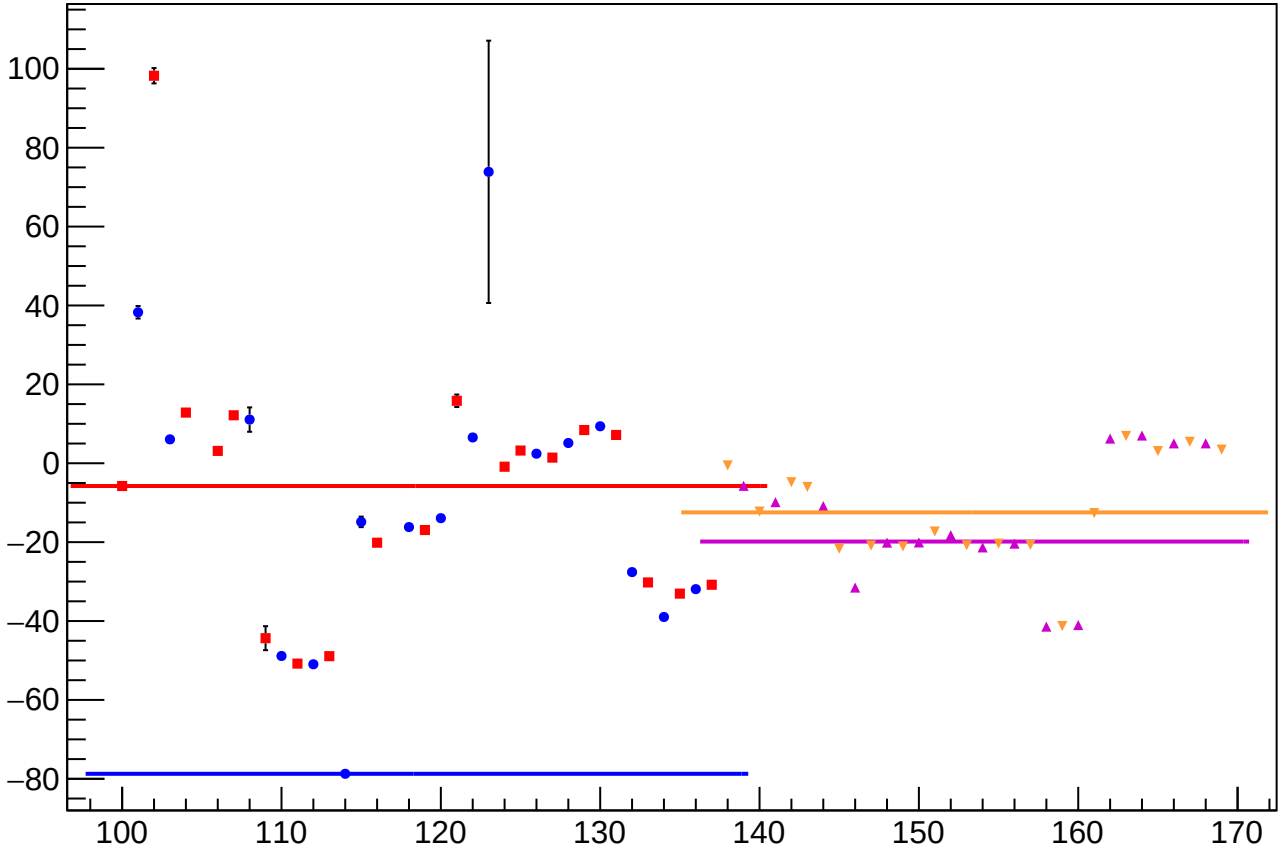
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:4244007.9/31

Out: -258.269+/-0.021 χ^2/NDF:713324.5/35

All: -292.986+/-0.000 χ^2/NDF: 7749723.3/67

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -12.454+/-0.020 χ^2/NDF:671812.9/16

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -19.851+/-0.019 χ^2/NDF:693407.2/14

Left: -16.411+/-0.014 χ^2/NDF: 1436675.9/31

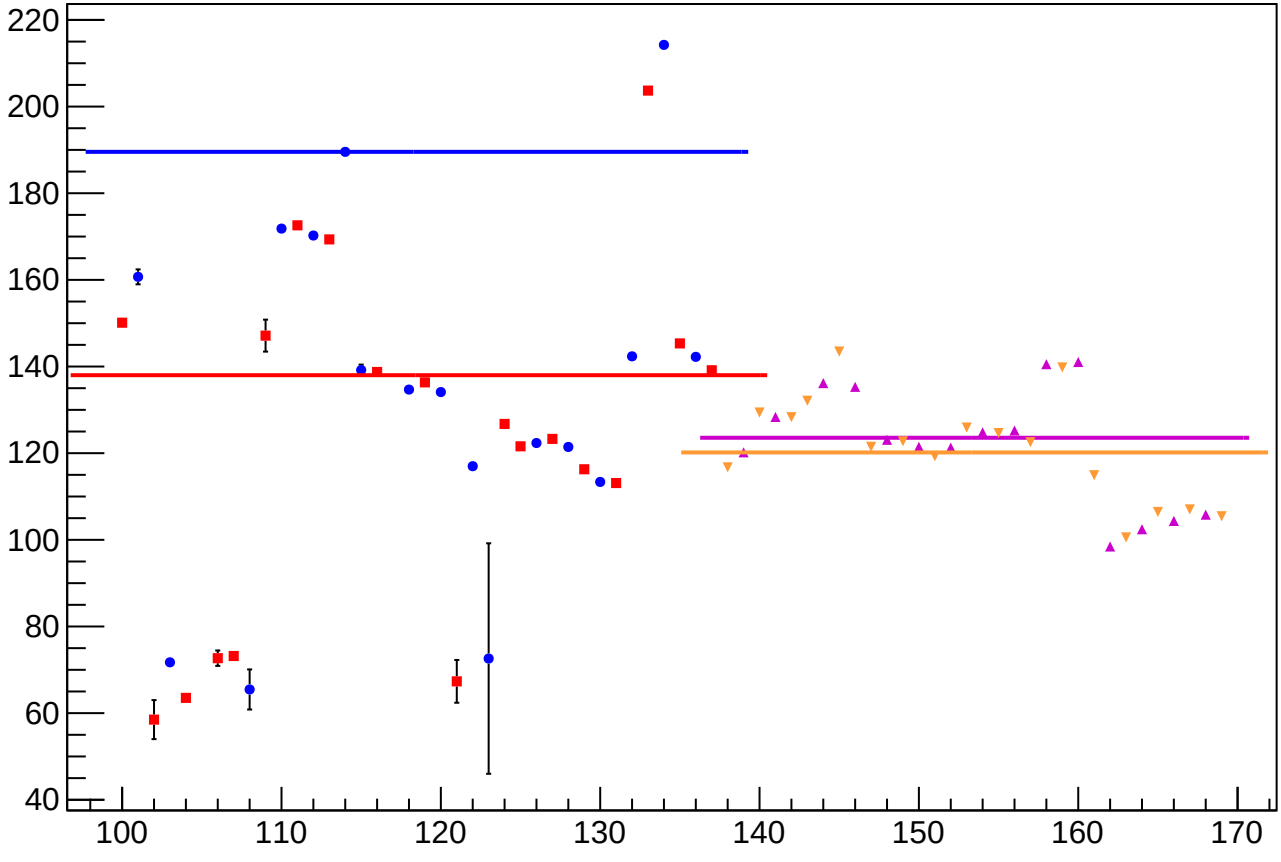
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:11824687.4/31

Out: -5.769+/-0.000 χ^2/NDF:892459.9/35

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: 120.172+/-0.026 χ^2/NDF:187905.2/16

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 123.560+/-0.028 χ^2/NDF:194038.2/14

Left: 121.737+/-0.019 χ^2/NDF: 390023.0/31

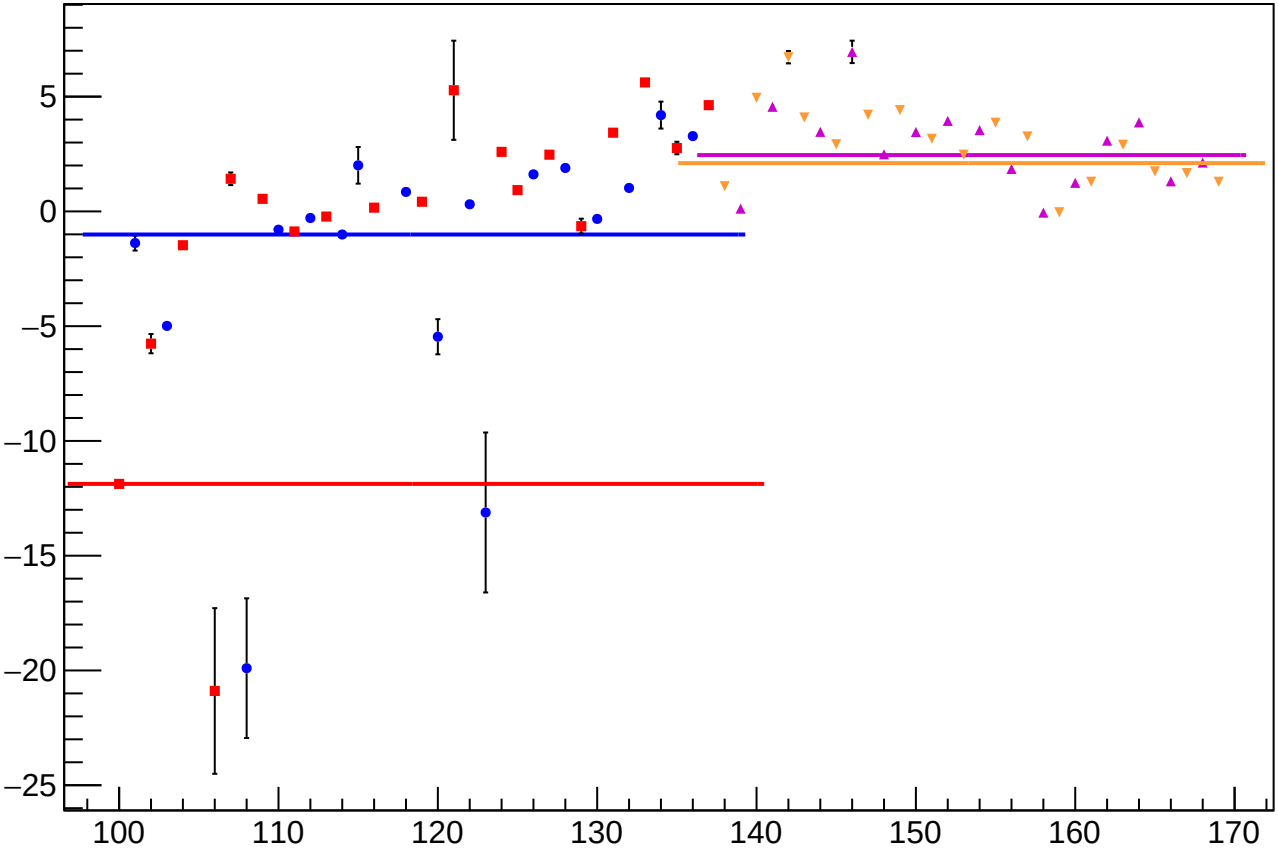
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:6816303.1/31

Out: 122.994+/-0.023 χ^2/NDF:381962.8/35

All: 189.551+/-0.000 χ^2/NDF: 15222347.1/67

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.104+/-0.020 χ^2/NDF:5323.5/16

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.454+/-0.018 χ^2/NDF:6453.4/14

Left: 2.300+/-0.013 χ^2/NDF: 11945.5/31

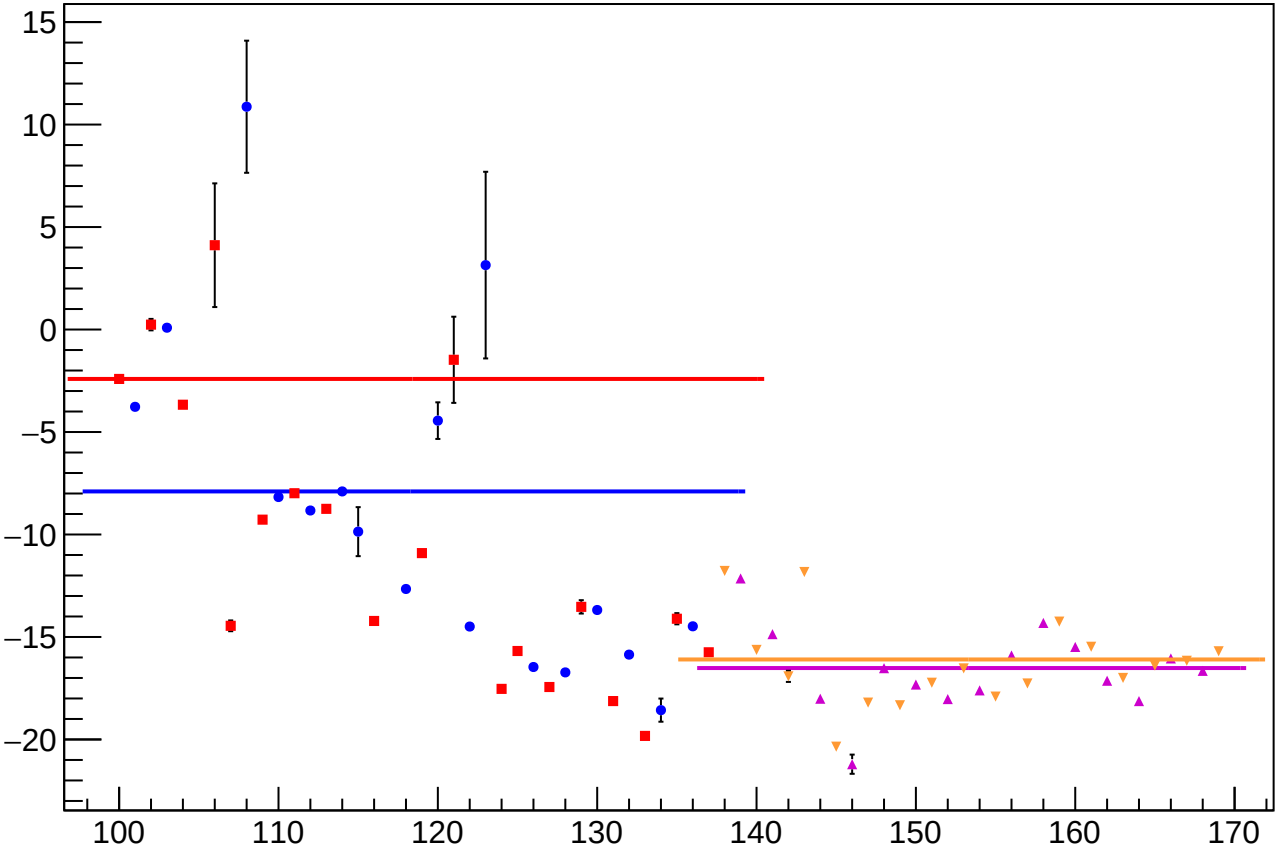
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:51192.7/31

Out: -11.872+/-0.000 χ^2/NDF:988010.0/35

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: -16.097+/-0.020 χ^2/NDF:6119.7/16

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.516+/-0.019 χ^2/NDF:5366.3/14

Left: -16.321+/-0.014 χ^2/NDF: 11723.7/31

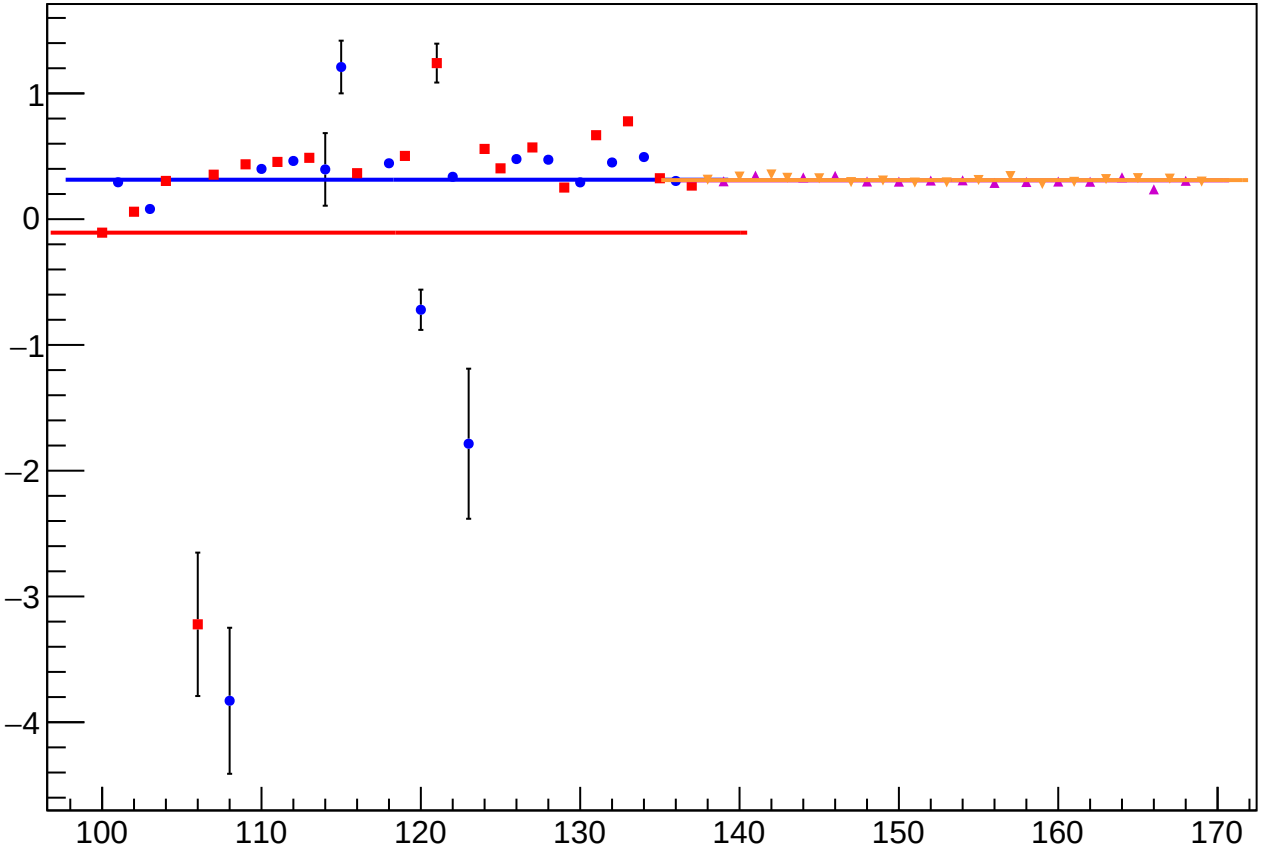
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:261436.5/31

Out: -2.410+/-0.000 χ^2/NDF:682827.9/35

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.311+/-0.000 χ^2/NDF:4123.2/16

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.308+/-0.000 χ^2/NDF:2658.0/14

Left: 0.310+/-0.000 χ^2/NDF: 6813.3/31

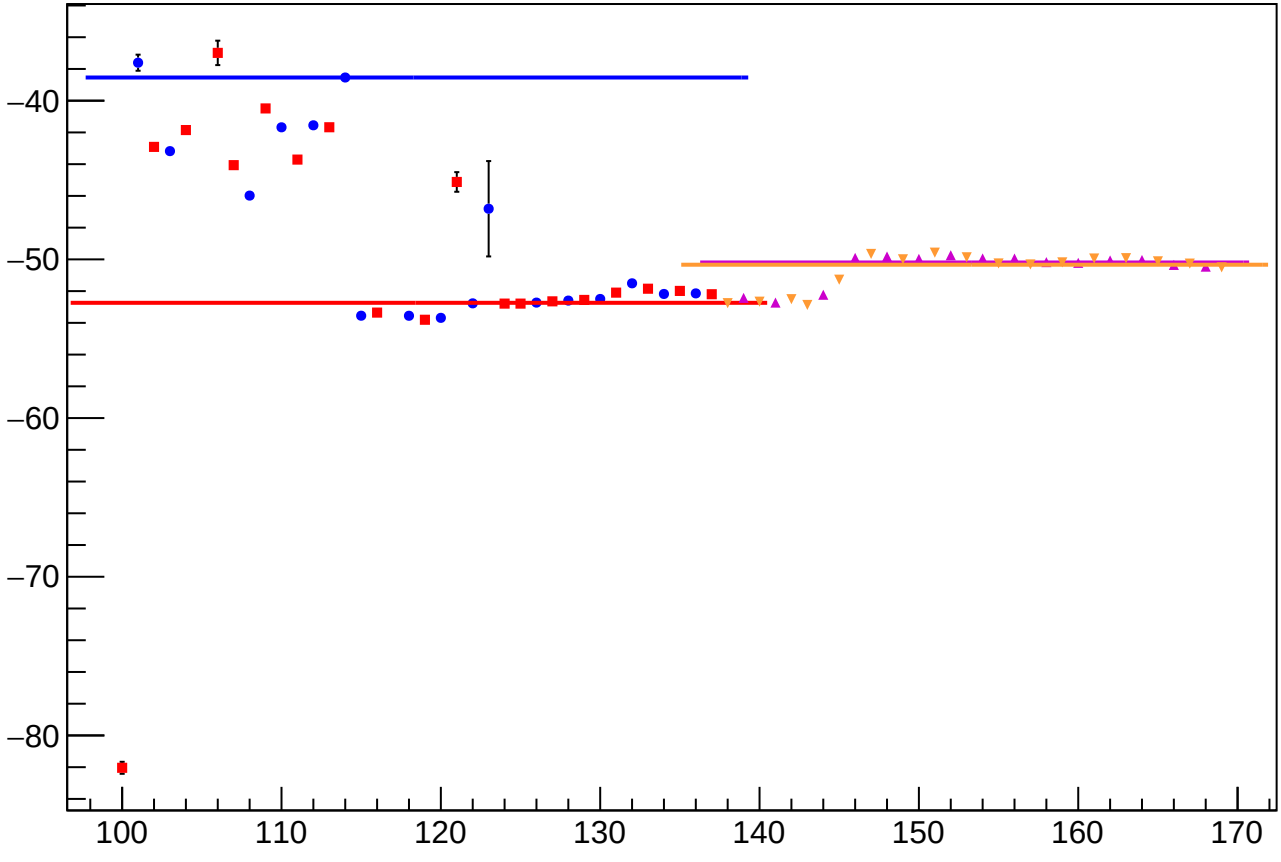
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.309+/-0.000 χ^2/NDF:5434.1/31

Out: -0.107+/-0.000 χ^2/NDF:2712870.1/35

All: -0.107+/-0.000 χ^2/NDF: 5100829.5/67

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.336+/-0.002 χ^2/NDF:253068.4/16

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.195+/-0.001 χ^2/NDF:160612.6/14

Left: -50.256+/-0.001 χ^2/NDF: 417972.0/31

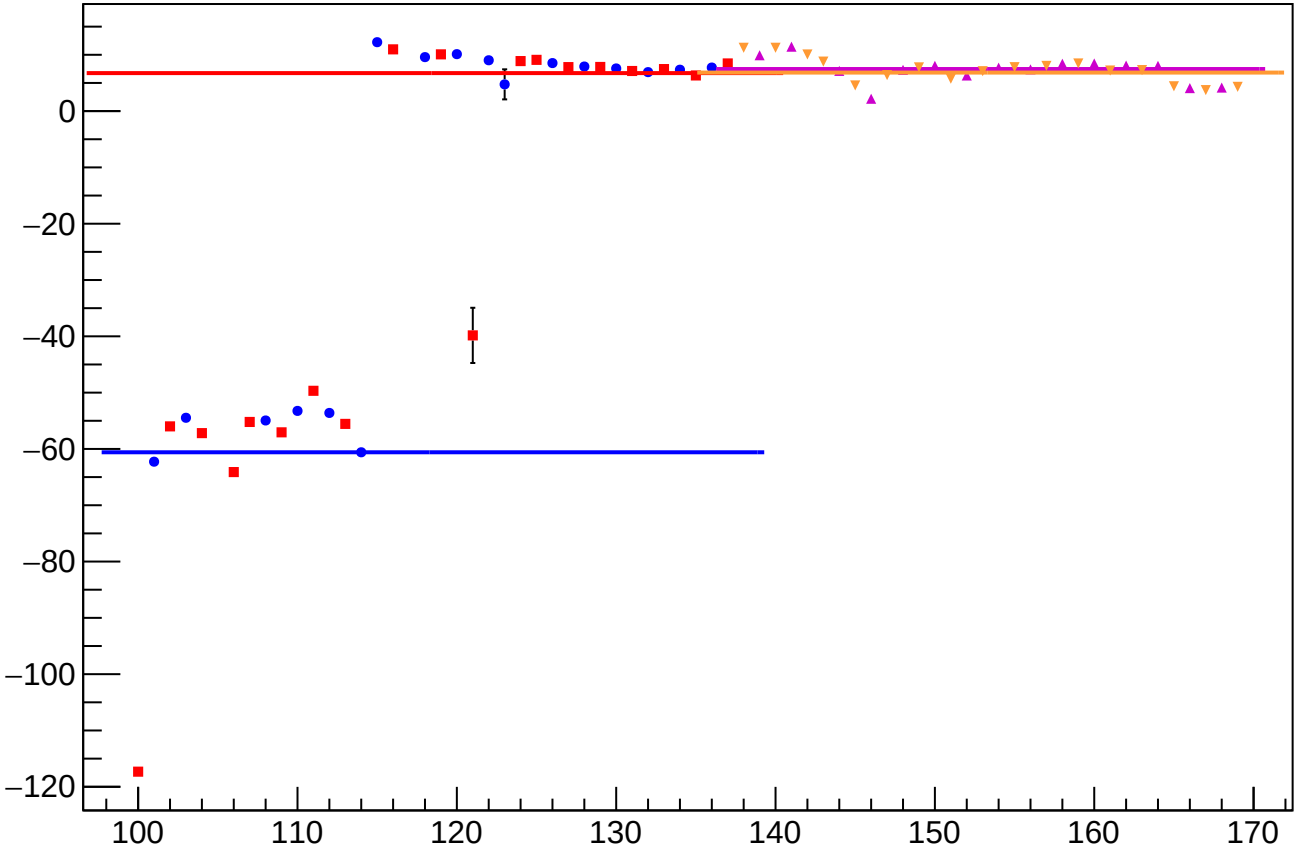
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:83424297.2/31

Out: -51.366+/-0.001 χ^2/NDF:1272326.7/35

All: -38.539+/-0.000 χ^2/NDF: 193314232.1/6

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.842+/-0.004 χ^2/NDF:273228.1/16

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.472+/-0.004 χ^2/NDF:130810.5/14

Left: 7.175+/-0.003 χ^2/NDF: 418034.2/31

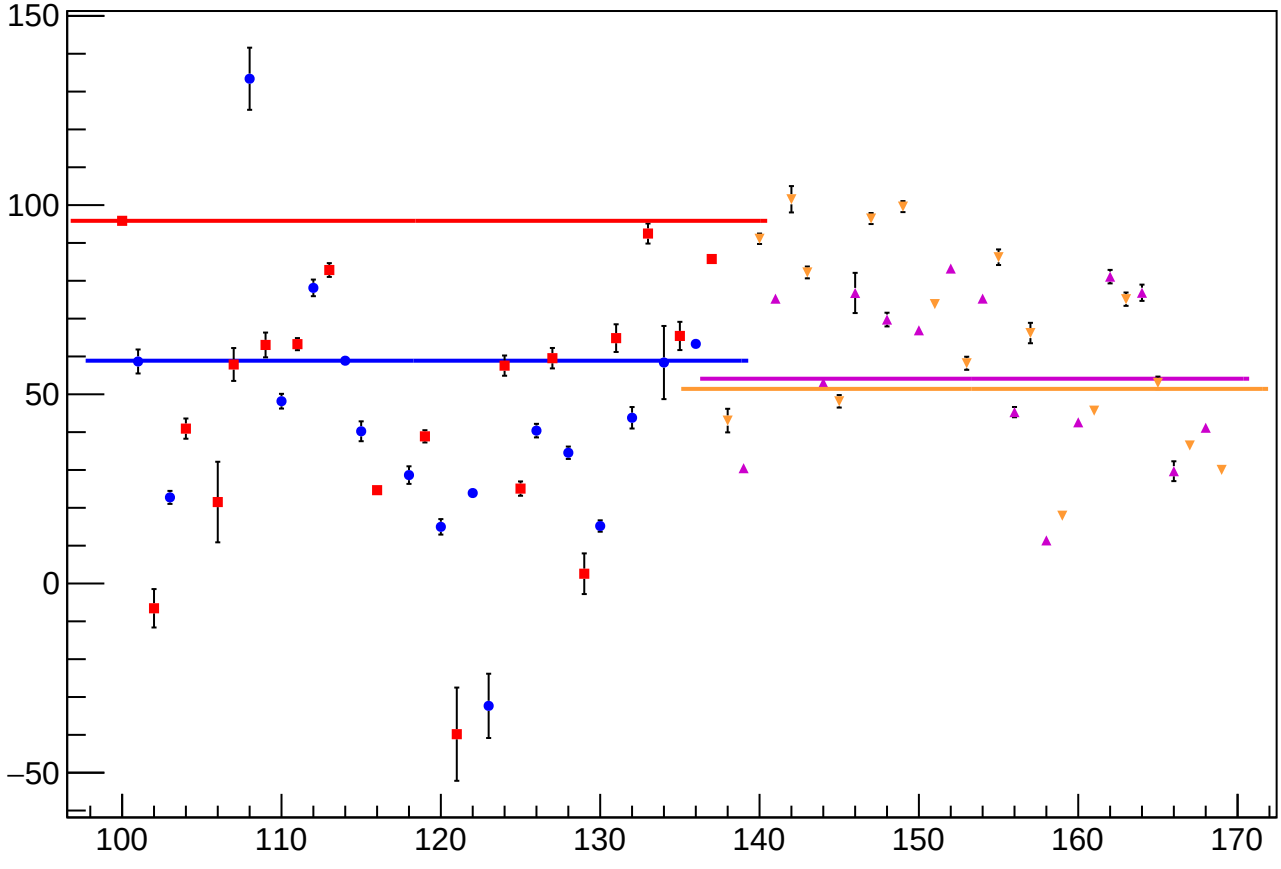
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:372723688.7/31

Out: 6.832+/-0.004 χ^2/NDF:1539890.5/35

All: -60.594+/-0.000 χ^2/NDF: 715252782.3/6

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 51.432+/-0.309 χ^2/NDF:6932.1/16

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 54.118+/-0.288 χ^2/NDF:5352.7/14

Left: 52.870+/-0.211 χ^2/NDF: 12325.1/31

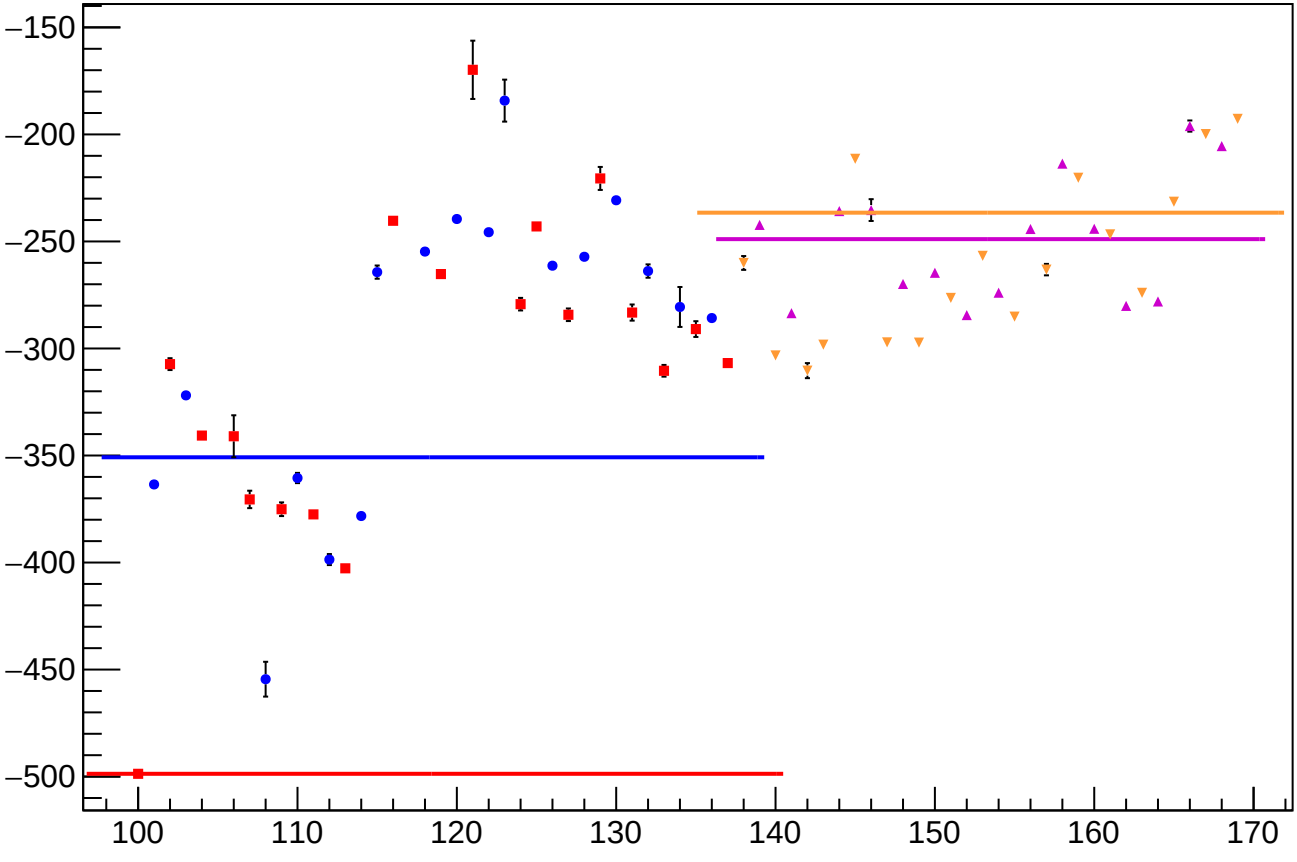
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:9440.3/31

Out: 95.846+/-0.000 χ^2/NDF:66937.8/35

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: -236.559+/-0.308 χ^2/NDF:17309.9/16

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -248.921+/-0.292 χ^2/NDF:9146.5/14

Left: -243.073+/-0.212 χ^2/NDF: 27304.3/31

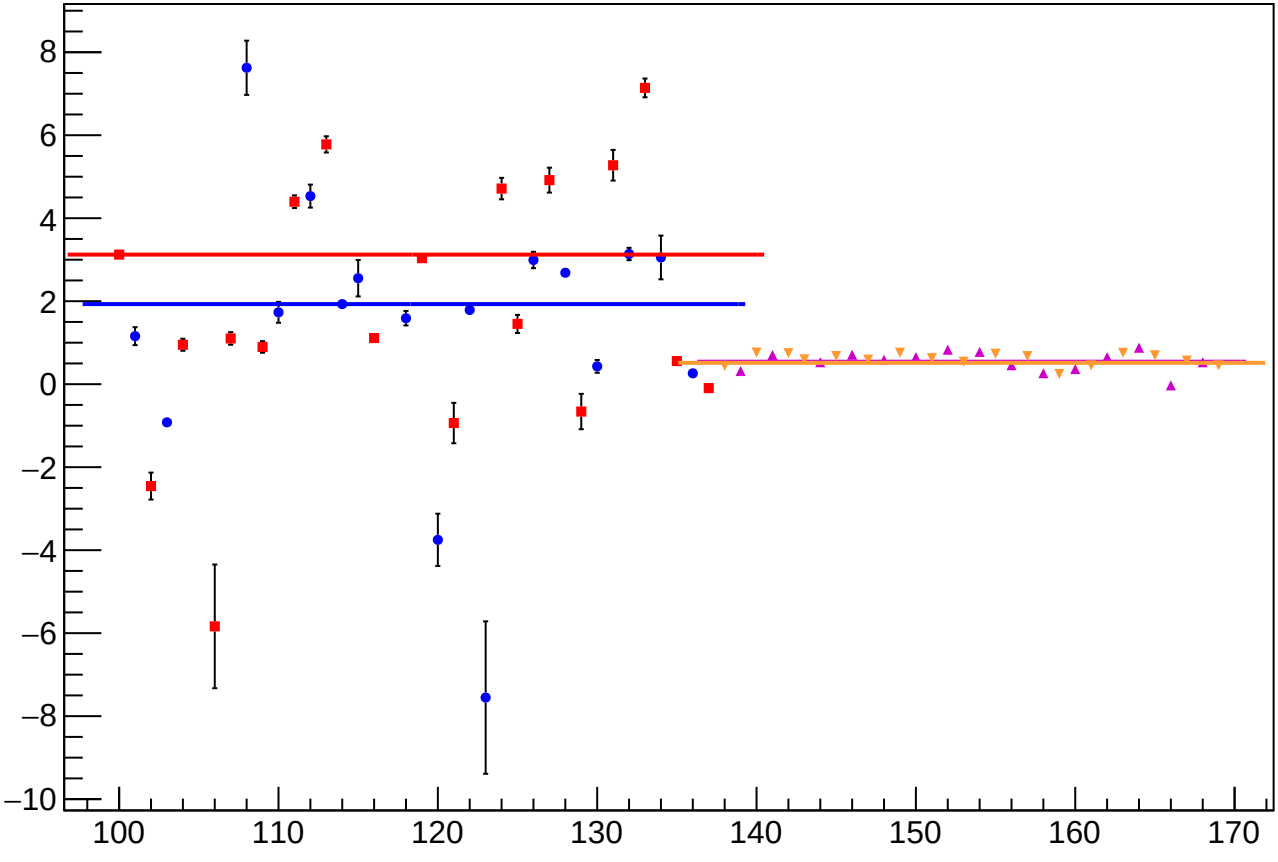
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -308.824+/-0.187 χ^2/NDF:122043.5/31

Out: -498.692+/-0.000 χ^2/NDF:1252618.6/35

All: -498.692+/-0.000 χ^2/NDF: 2400327.5/67

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.515+/-0.002 χ^2/NDF:8044.8/16

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.542+/-0.002 χ^2/NDF:12550.6/14

Left: 0.530+/-0.001 χ^2/NDF: 20684.0/31

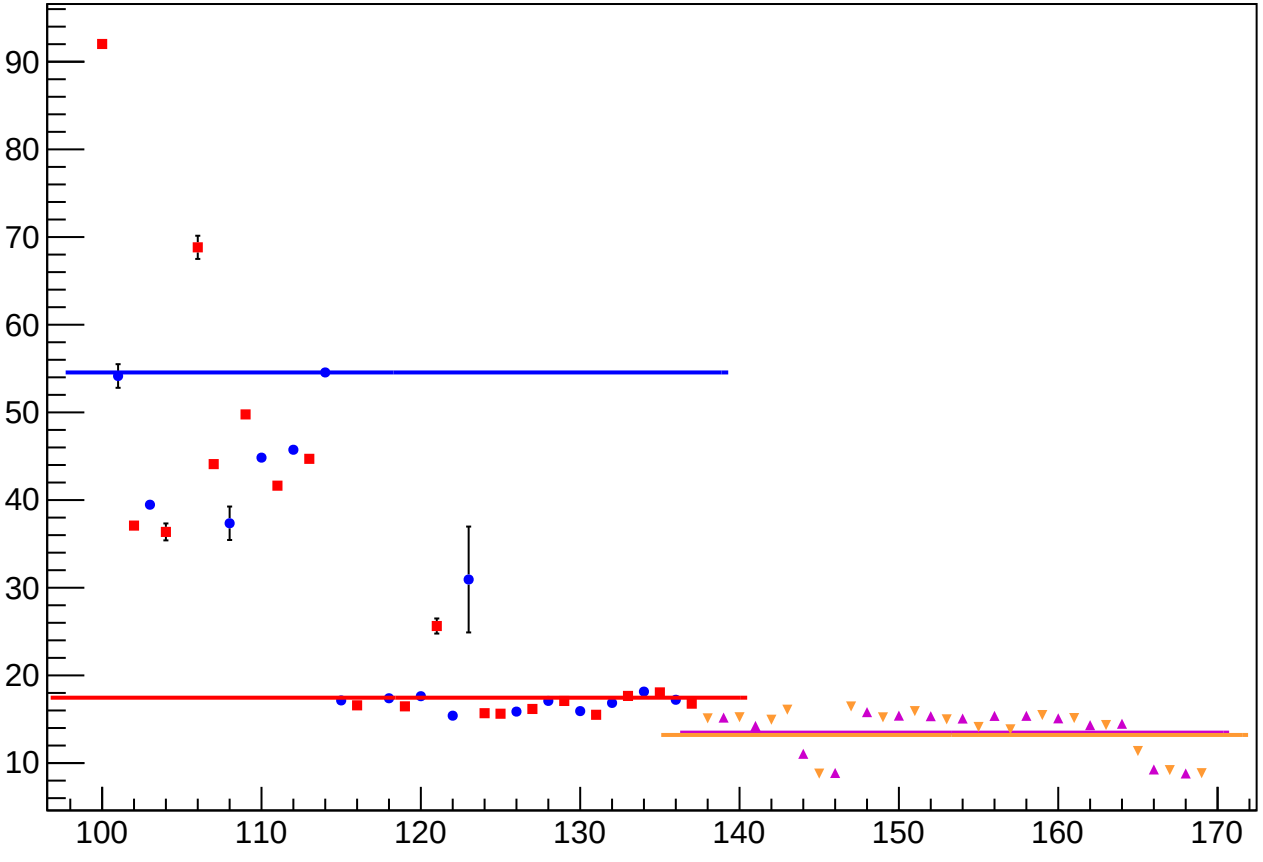
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:583799.4/31

Out: 3.123+/-0.000 χ^2/NDF:2044772.5/35

All: 2.073+/-0.000 χ^2/NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 13.209+/-0.007 χ^2/NDF:178513.0/16

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 13.473+/-0.007 χ^2/NDF:163935.2/14

Left: 13.348+/-0.005 χ^2/NDF: 343172.9/31

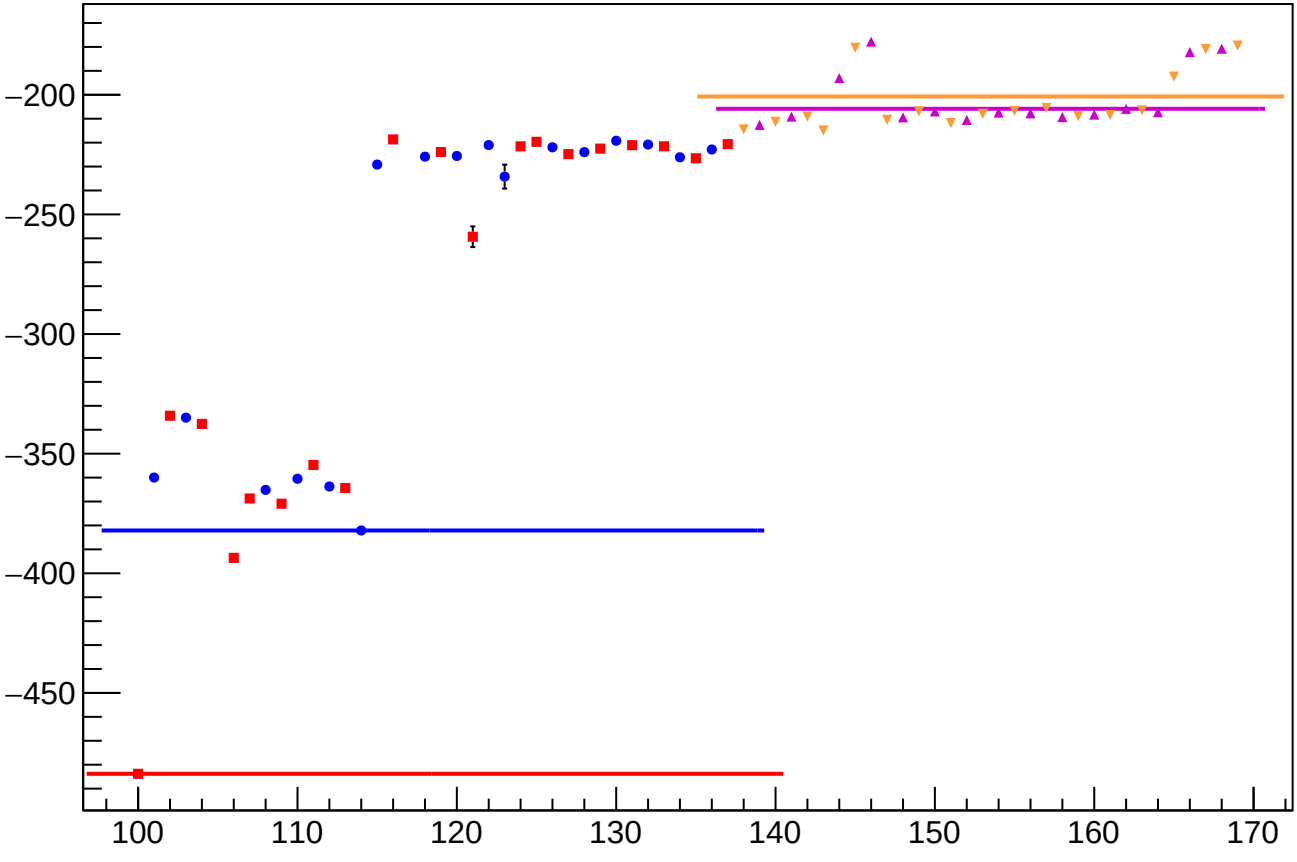
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:44269565.5/31

Out: 13.771+/-0.007 χ^2/NDF:324700.0/35

All: 54.556+/-0.000 χ^2/NDF: 82218740.5/67

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -200.712+/-0.015 χ^2/NDF:728080.8/16

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -205.863+/-0.016 χ^2/NDF:220630.0/14

Left: -203.135+/-0.011 χ^2/NDF: 1000793.7/31

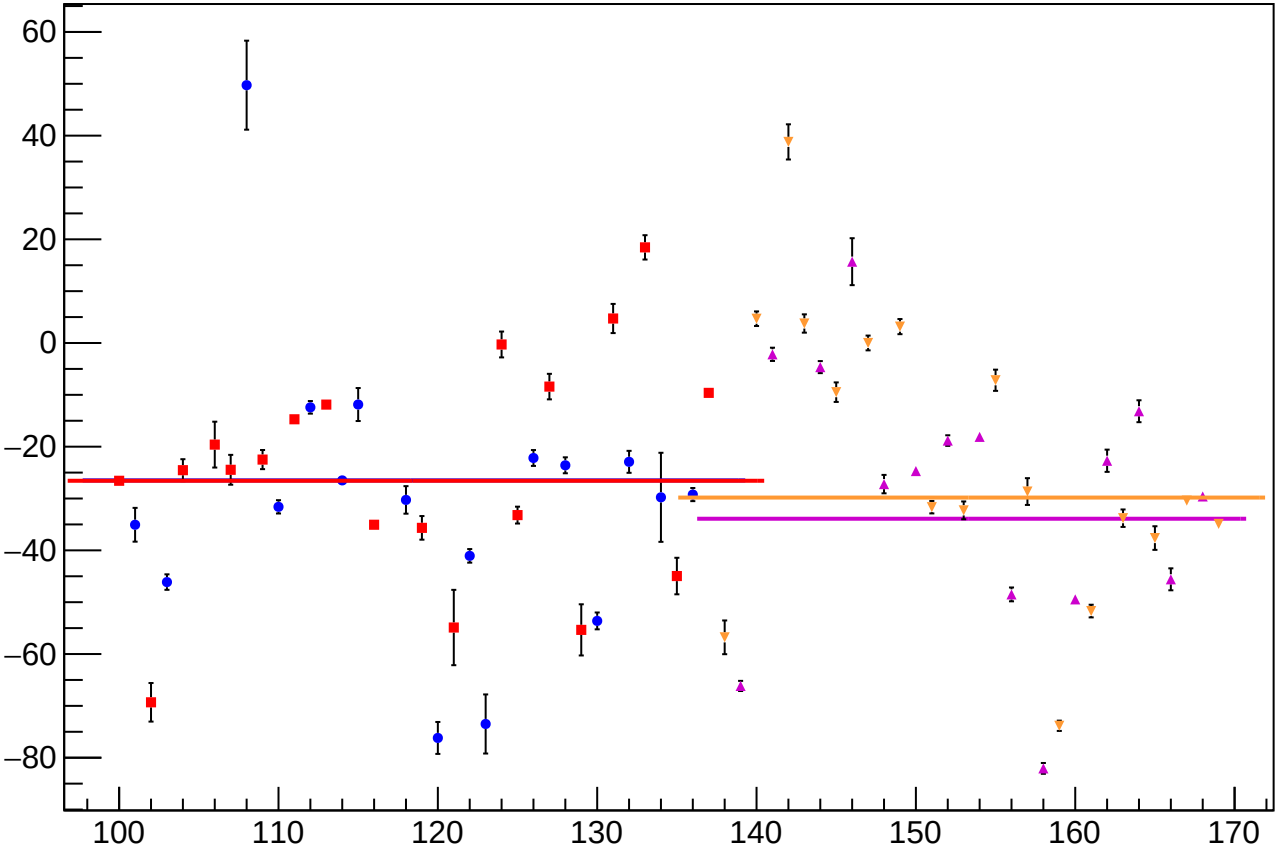
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:133773138.5/31

Out: -483.800+/-0.000 χ^2/NDF:359584053.6/35

All: -417.999+/-0.000 χ^2/NDF: 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -29.816+/-0.317 χ^2/NDF:4971.2/16

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -33.901+/-0.296 χ^2/NDF:5814.4/14

Left: -31.999+/-0.216 χ^2/NDF: 10874.3/31

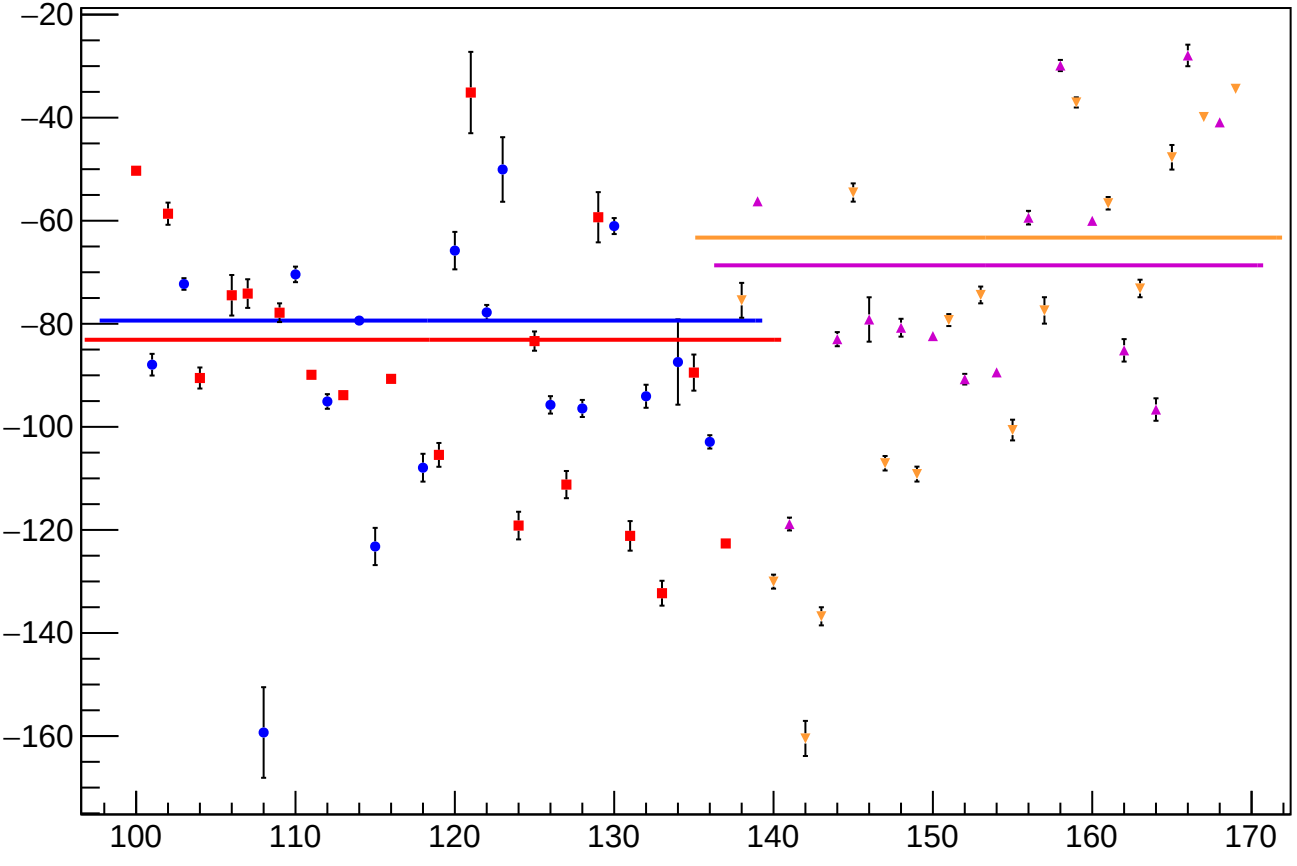
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:7619.9/31

Out: -26.577+/-0.000 χ^2/NDF:7716.5/35

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: -63.273+/-0.311 χ^2/NDF:11128.2/16

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -68.657+/-0.292 χ^2/NDF:6633.4/14

Left: -66.137+/-0.213 χ^2/NDF: 17921.0/31

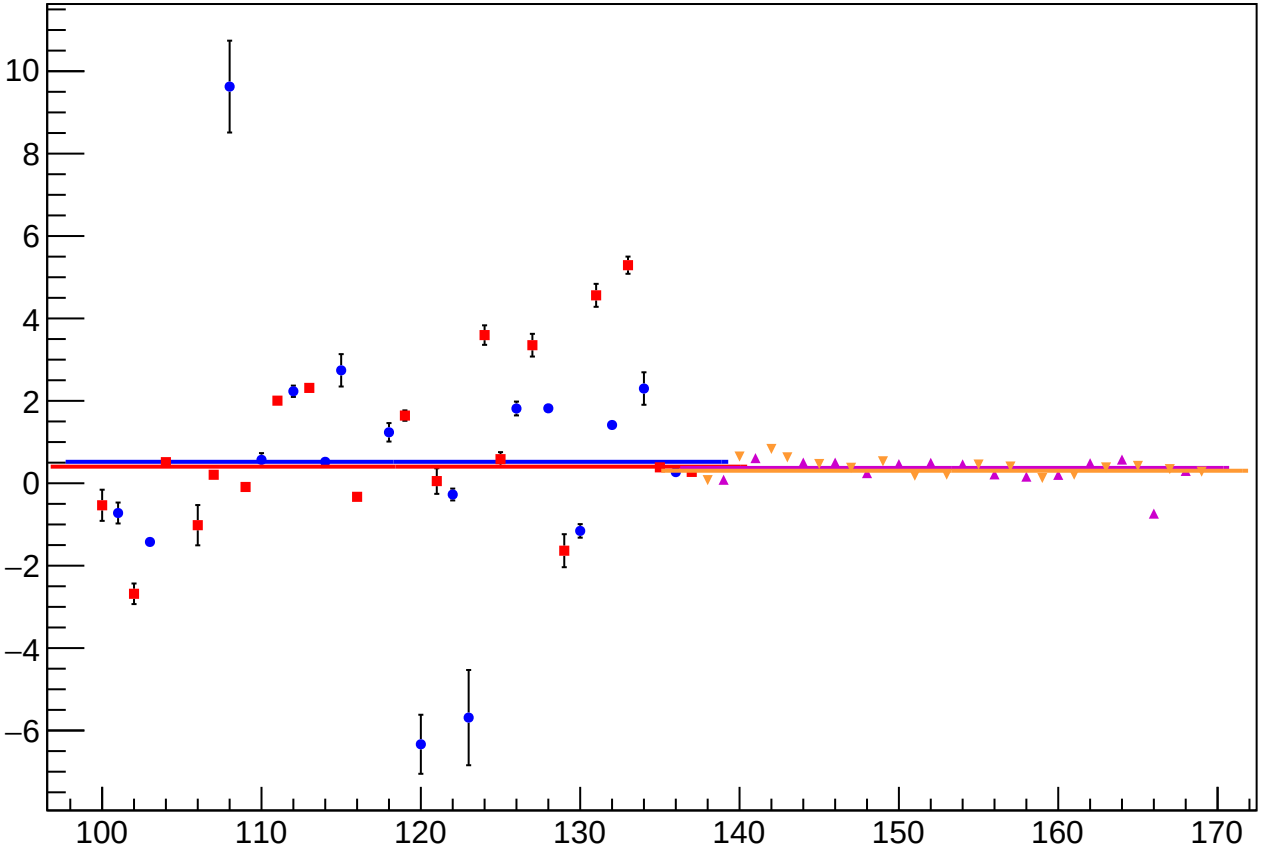
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:9288.2/31

Out: -78.200+/-0.155 χ^2/NDF:26103.7/35

All: -79.376+/-0.000 χ^2/NDF: 35449.8/67

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.304+/-0.002 χ^2/NDF:5941.6/16

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.372+/-0.002 χ^2/NDF:8852.4/14

Left: 0.341+/-0.001 χ^2/NDF: 15369.9/31

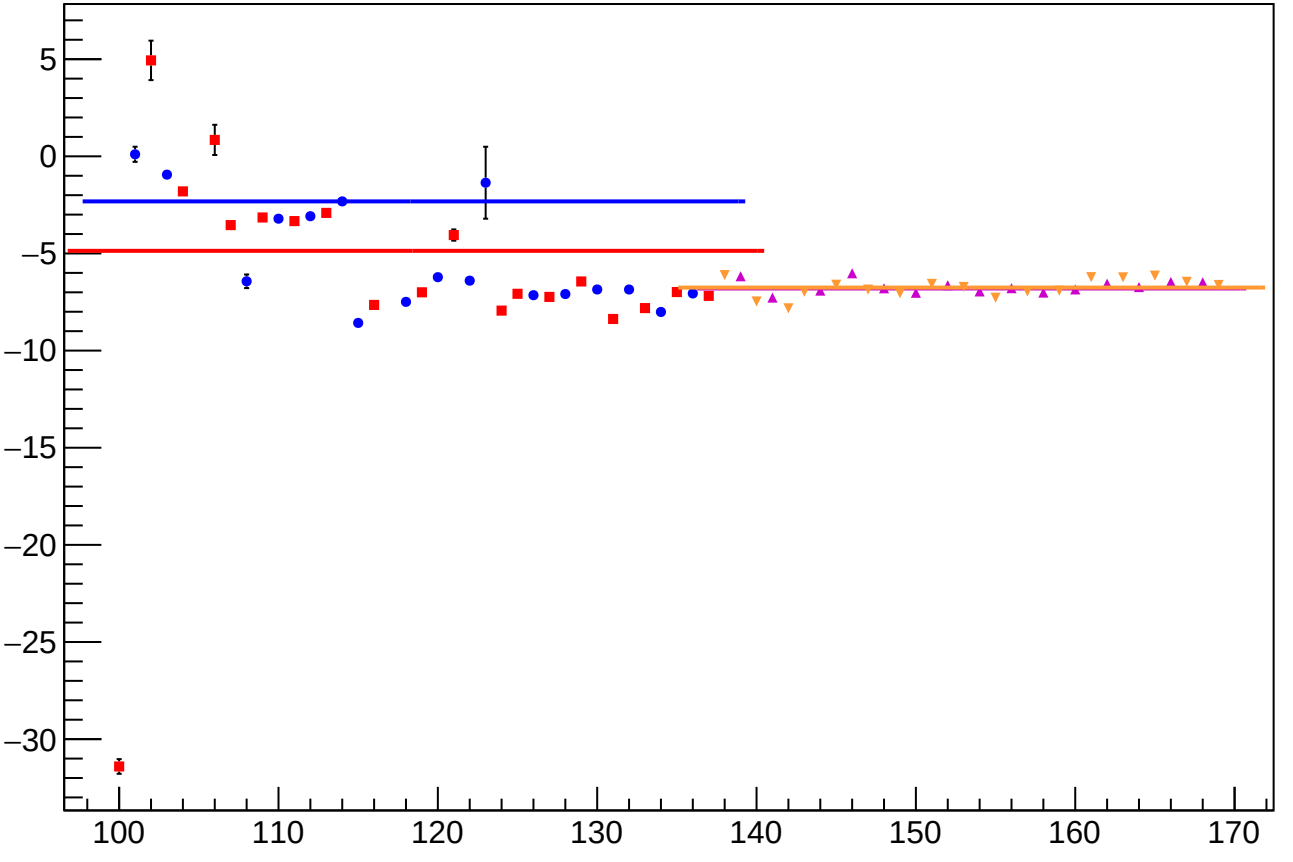
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:18213.2/31

Out: 0.308+/-0.002 χ^2/NDF:8749.4/35

All: 0.521+/-0.000 χ^2/NDF: 37661.4/67

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.756+/-0.003 χ^2/NDF:8219.8/16

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.803+/-0.003 χ^2/NDF:7712.8/14

Left: -6.779+/-0.002 χ^2/NDF: 16080.1/31

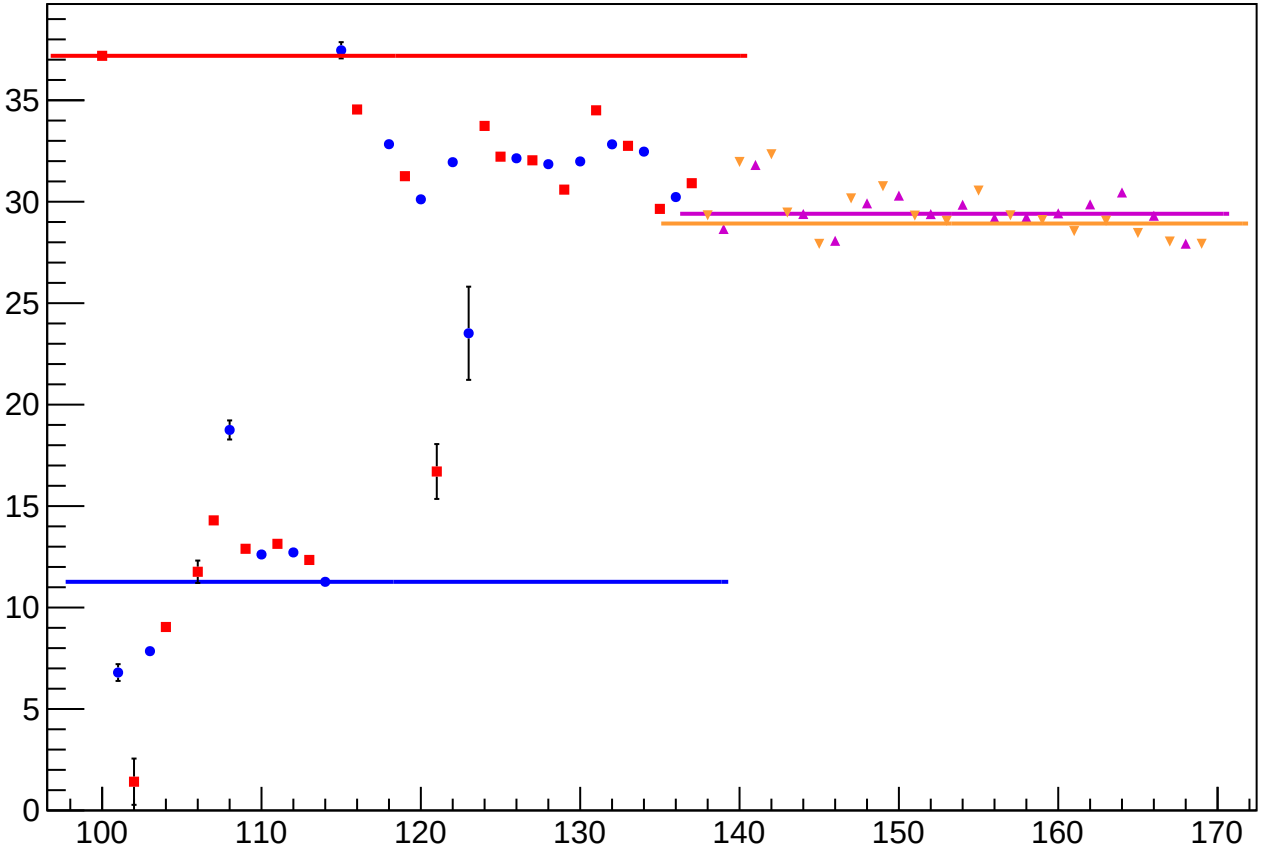
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:2938846.0/31

Out: -6.634+/-0.003 χ^2/NDF:89132.8/35

All: -2.320+/-0.000 χ^2/NDF: 5750135.0/67

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 28.925+/-0.009 χ^2/NDF:12461.5/16

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.406+/-0.009 χ^2/NDF:7264.3/14

Left: 29.169+/-0.007 χ^2/NDF: 21024.1/31

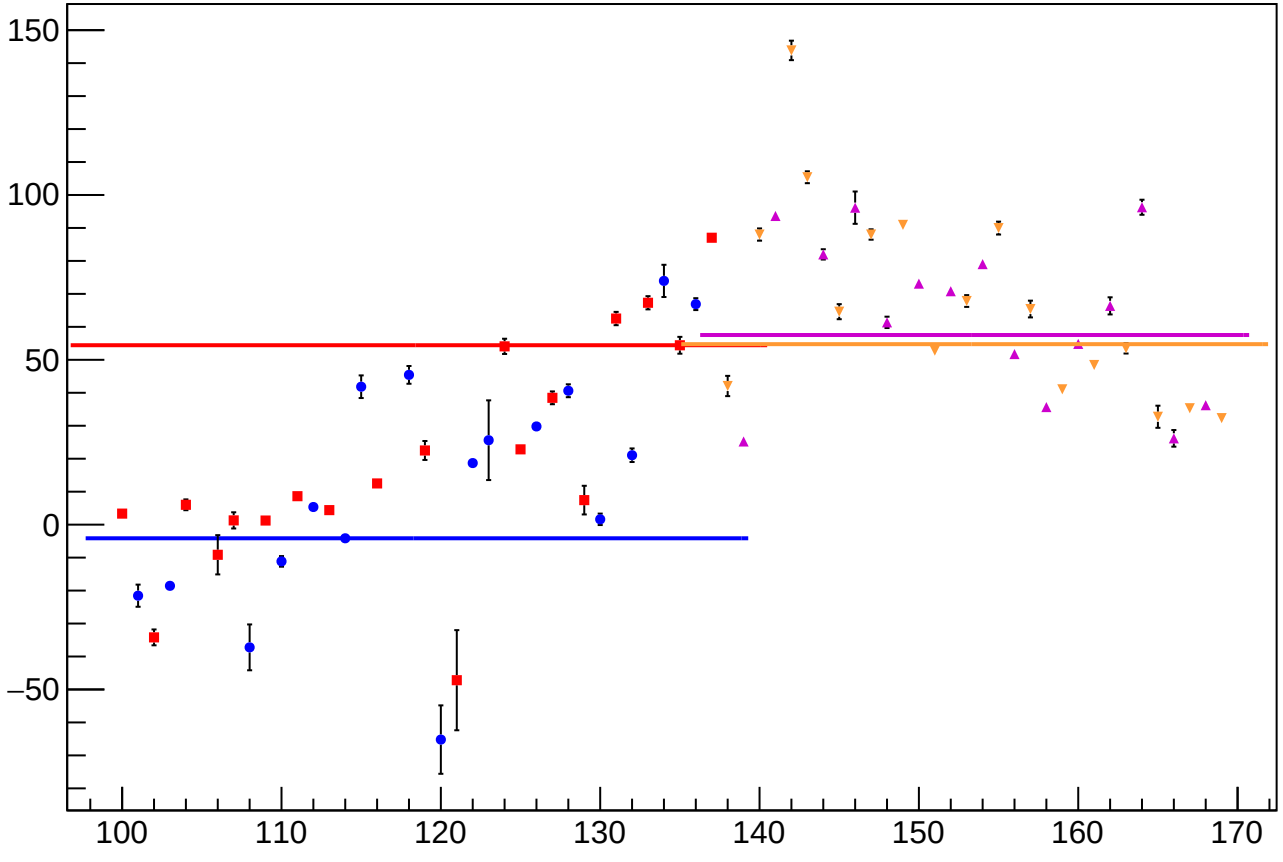
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:4713063.3/31

Out: 37.191+/-0.000 χ^2/NDF:1893486.7/35

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: 54.748+/-0.344 χ^2/NDF:5042.3/16

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 57.525+/-0.308 χ^2/NDF:5242.3/14

Left: 56.292+/-0.229 χ^2/NDF: 10320.9/31

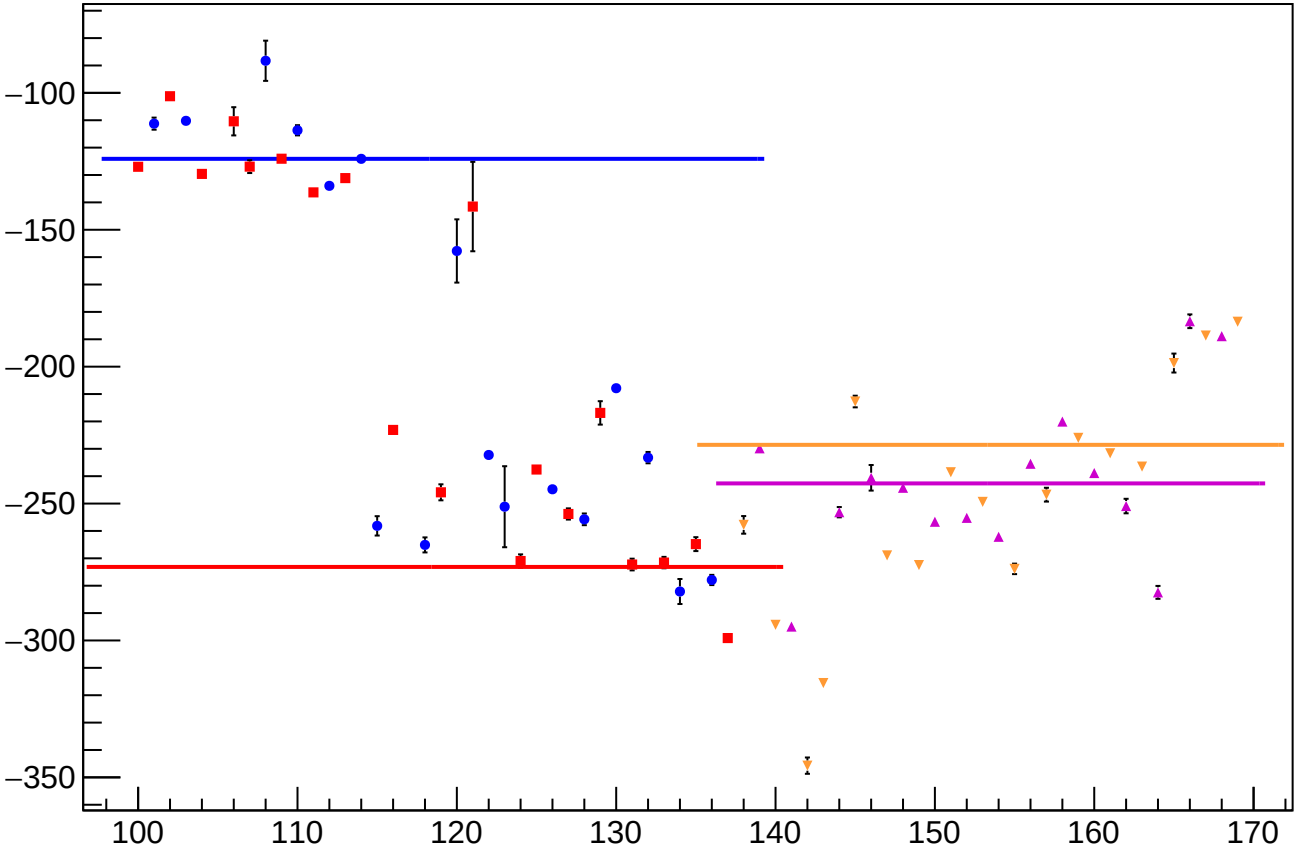
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:50100.4/31

Out: 54.490+/-0.153 χ^2/NDF:59041.7/35

All: -4.139+/-0.000 χ^2/NDF: 256787.1/67

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -228.553+/-0.338 χ^2/NDF:13204.2/16

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -242.639+/-0.303 χ^2/NDF:6556.8/14

Left: -236.378+/-0.226 χ^2/NDF: 20723.9/31

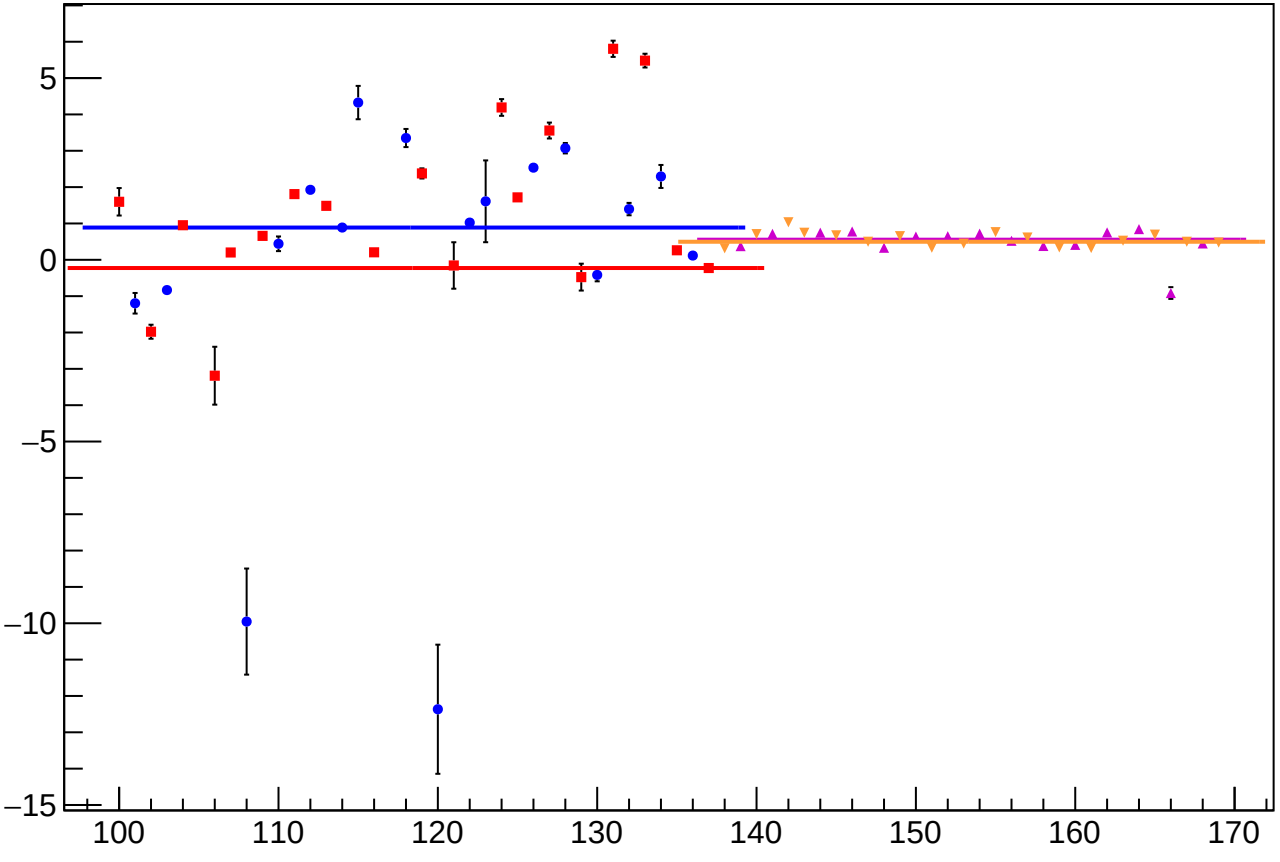
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:198148.6/31

Out: -268.688+/-0.107 χ^2/NDF:308980.9/35

All: -124.095+/-0.000 χ^2/NDF: 2335304.4/67

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.497+/-0.003 χ^2/NDF:3595.8/16

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.553+/-0.002 χ^2/NDF:4134.2/14

Left: 0.528+/-0.002 χ^2/NDF: 7979.4/31

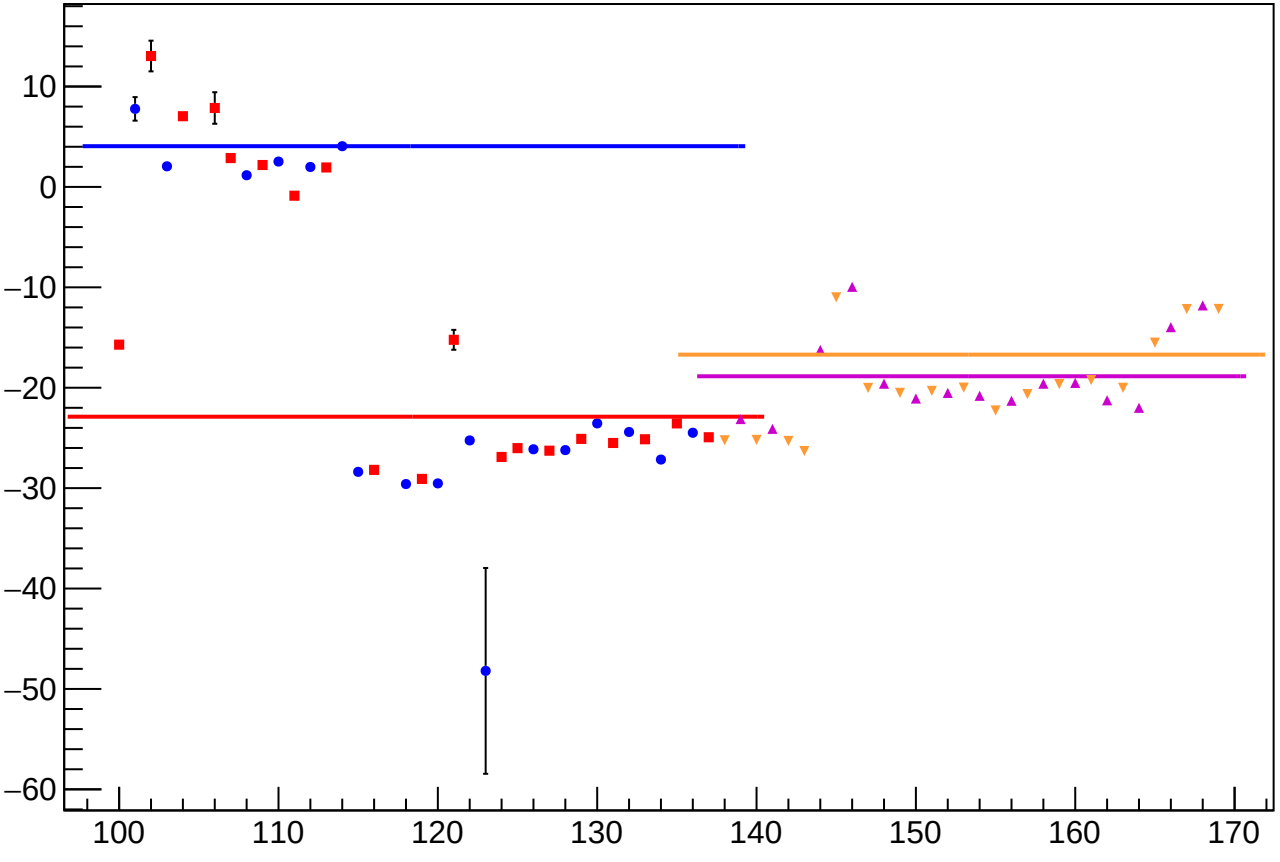
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:31869.0/31

Out: -0.226+/-0.000 χ^2/NDF:83726.9/35

All: 0.888+/-0.000 χ^2/NDF: 422269262.5/67

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.704+/-0.011 χ^2/NDF:158550.3/16

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -18.859+/-0.011 χ^2/NDF:90531.2/14

Left: -17.809+/-0.008 χ^2/NDF: 268059.0/31

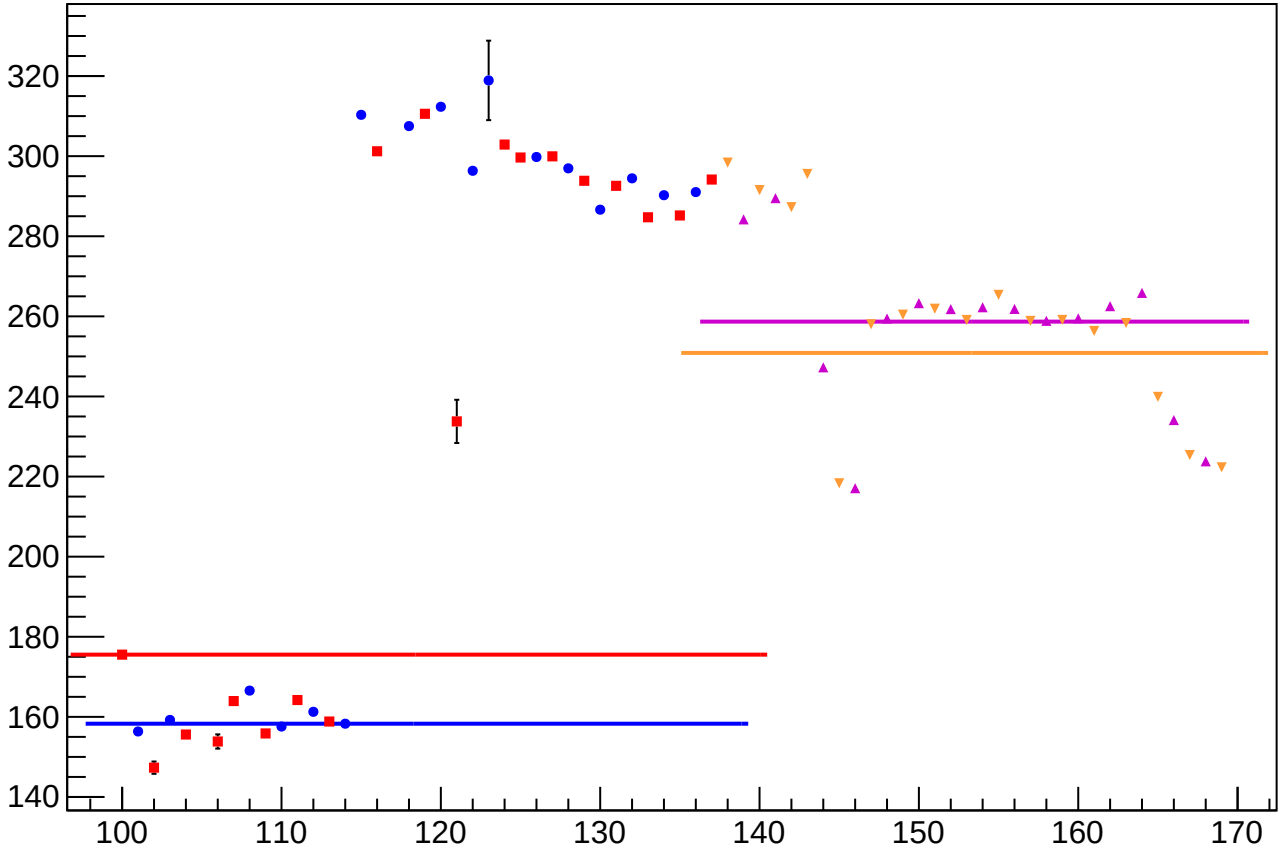
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:5742572.6/31

Out: -17.652+/-0.010 χ^2/NDF:321754.2/35

All: 4.057+/-0.000 χ^2/NDF: 10500319.0/67

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 250.871+/-0.031 χ^2/NDF:551810.7/16

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 258.685+/-0.032 χ^2/NDF:134451.6/14

Left: 254.681+/-0.022 χ^2/NDF: 717365.9/31

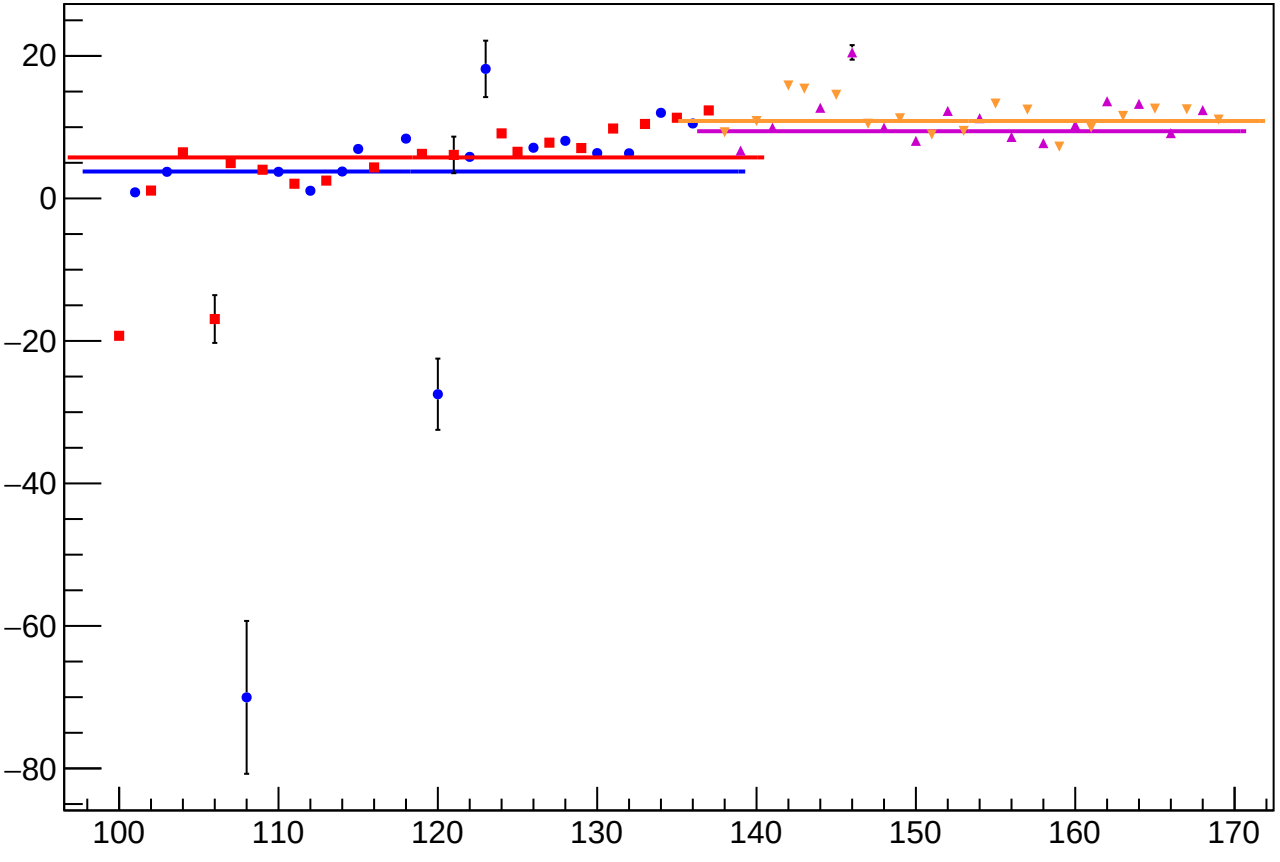
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:12564181.3/31

Out: 175.536+/-0.000 χ^2/NDF:8581913.8/35

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: 10.870+/-0.034 χ^2/NDF:2308.0/16

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 9.434+/-0.033 χ^2/NDF:3483.2/14

Left: 10.142+/-0.024 χ^2/NDF: 6706.7/31

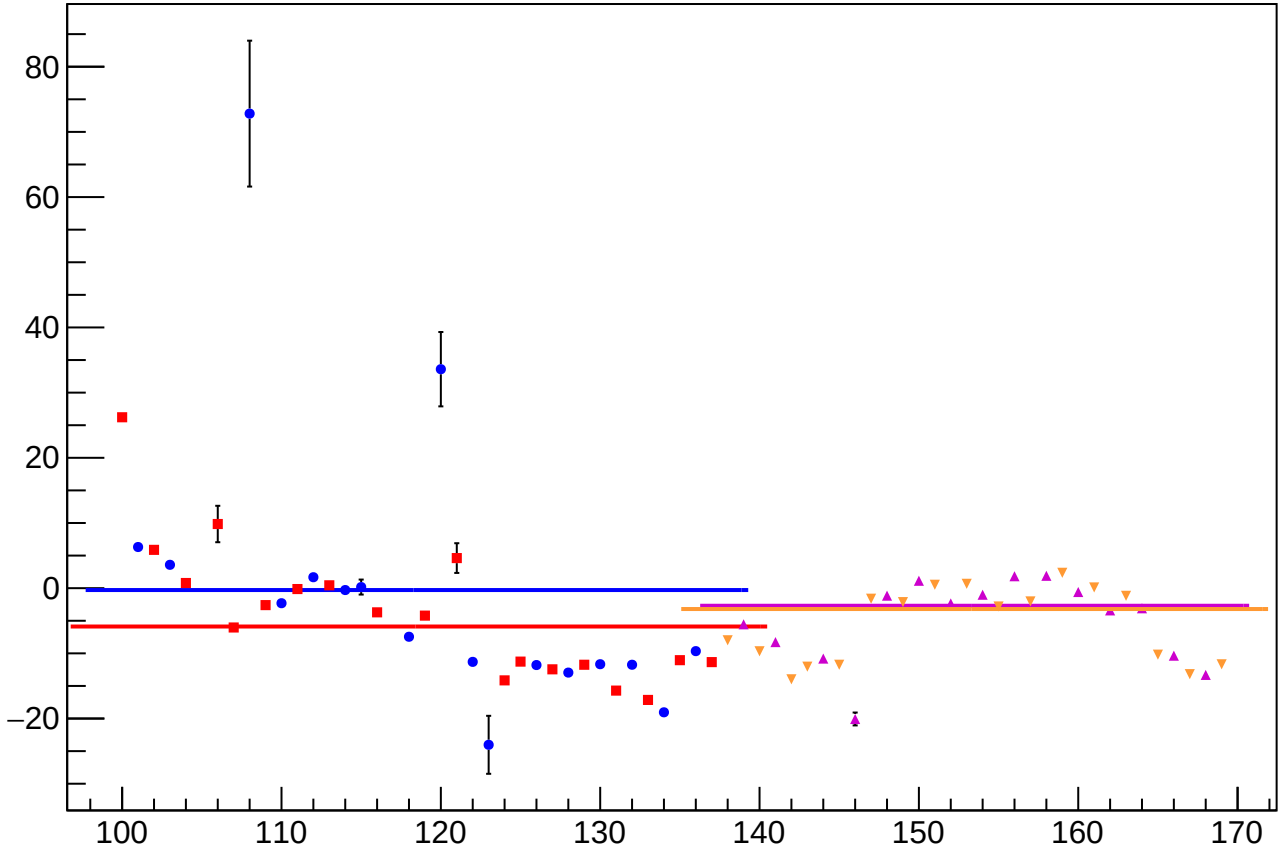
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:39123.8/31

Out: 7.636+/-0.020 χ^2/NDF:39089.7/35

All: 3.778+/-0.000 χ^2/NDF: 113668.6/67

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -3.200+/-0.034 χ^2/NDF:18516.3/16

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -2.698+/-0.034 χ^2/NDF:18172.7/14

Left: -2.948+/-0.024 χ^2/NDF: 36800.7/31

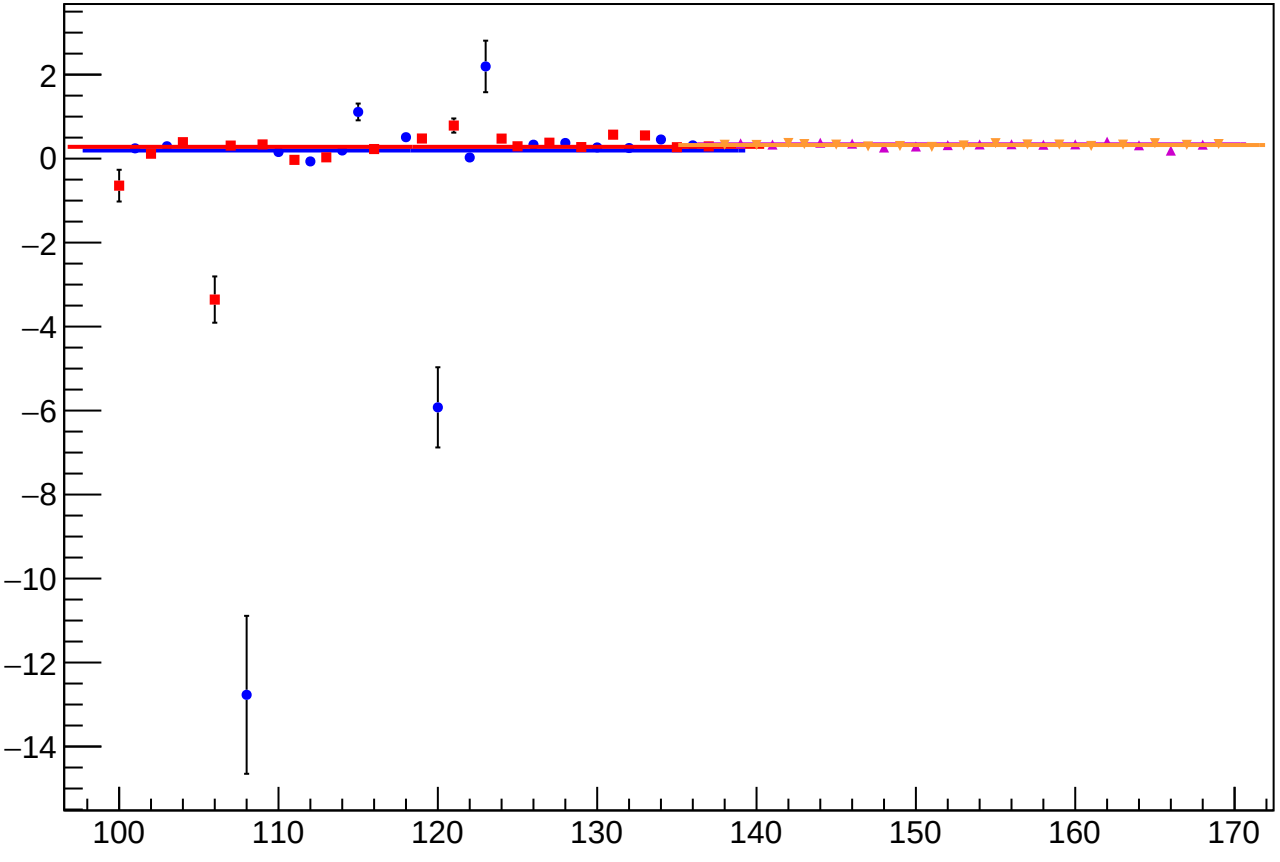
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:67616.3/31

Out: -4.822+/-0.021 χ^2/NDF:85850.2/35

All: -0.287+/-0.000 χ^2/NDF: 199404.0/67

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.323+/-0.001 χ^2/NDF:1515.9/16

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.340+/-0.001 χ^2/NDF:3036.0/14

Left: 0.332+/-0.000 χ^2/NDF: 4946.0/31

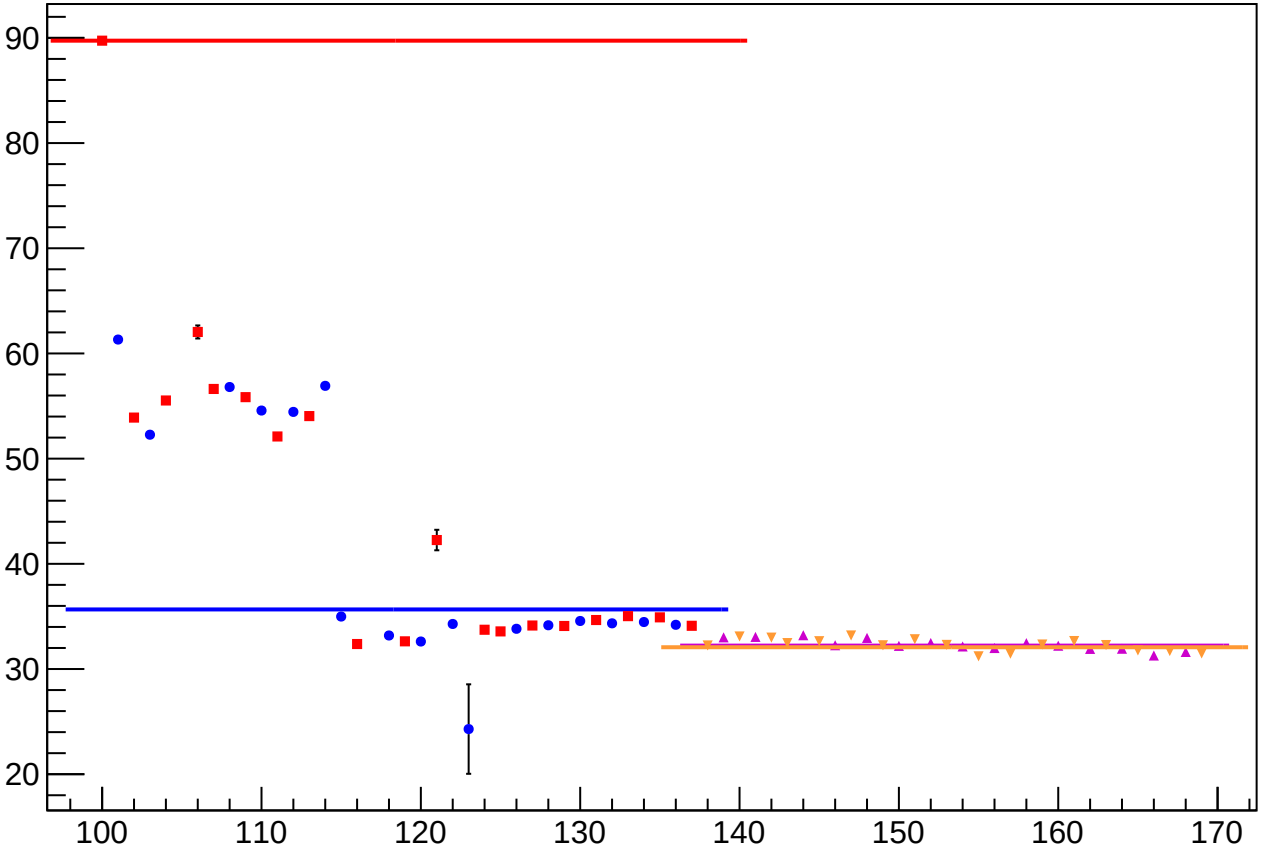
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:68767.5/31

Out: 0.317+/-0.001 χ^2/NDF:8293.1/35

All: 0.193+/-0.000 χ^2/NDF: 126416.1/67

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.070+/-0.003 χ^2/NDF:18953.3/16

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.225+/-0.004 χ^2/NDF:8900.5/14

Left: 32.141+/-0.003 χ^2/NDF: 28773.6/31

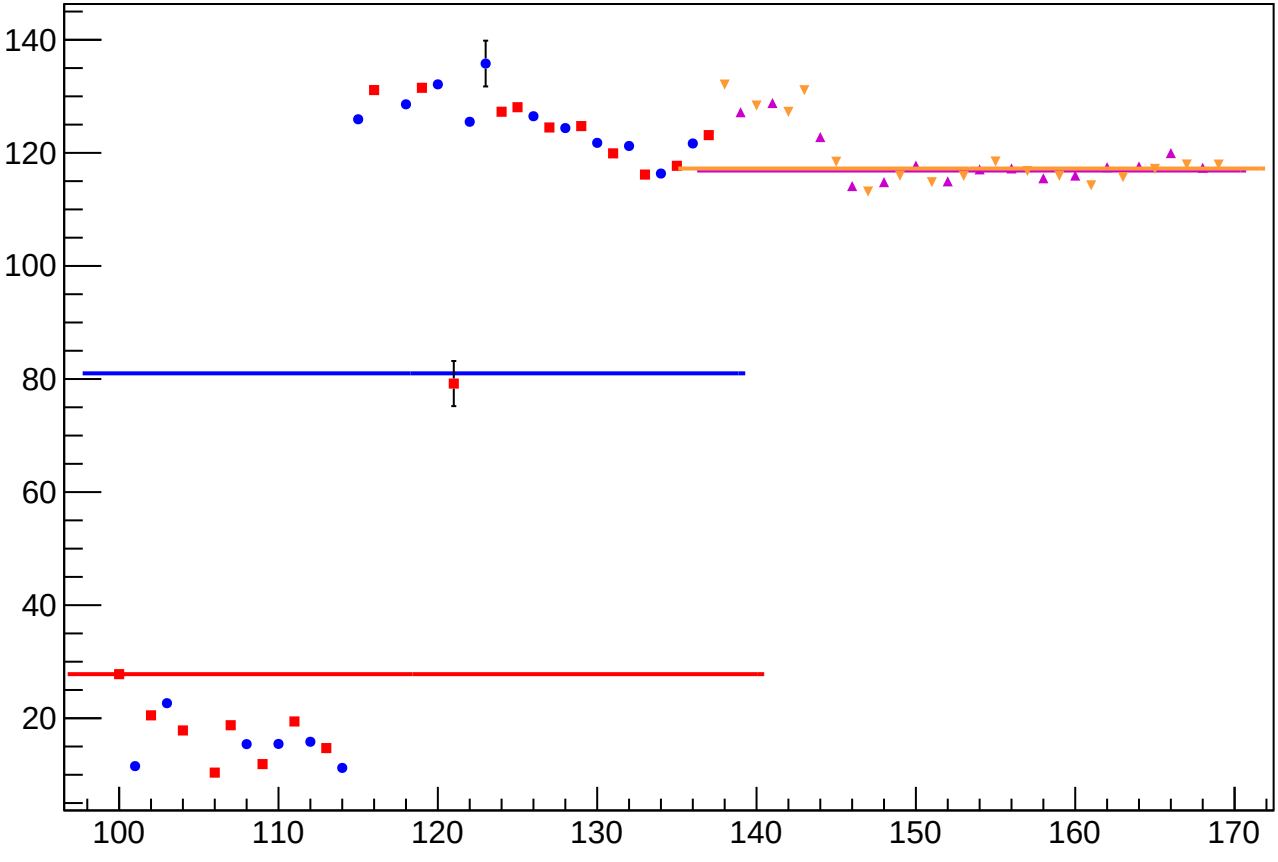
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.568+/-0.004 χ^2/NDF:309970.7/31

Out: 89.735+/-0.000 χ^2/NDF:304980941.5/35

All: 89.735+/-0.000 χ^2/NDF: 559215226.7/67

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.232+/-0.008 χ^2/NDF:141563.8/16

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 116.881+/-0.009 χ^2/NDF:41880.9/14

Left: 117.080+/-0.006 χ^2/NDF: 184227.8/31

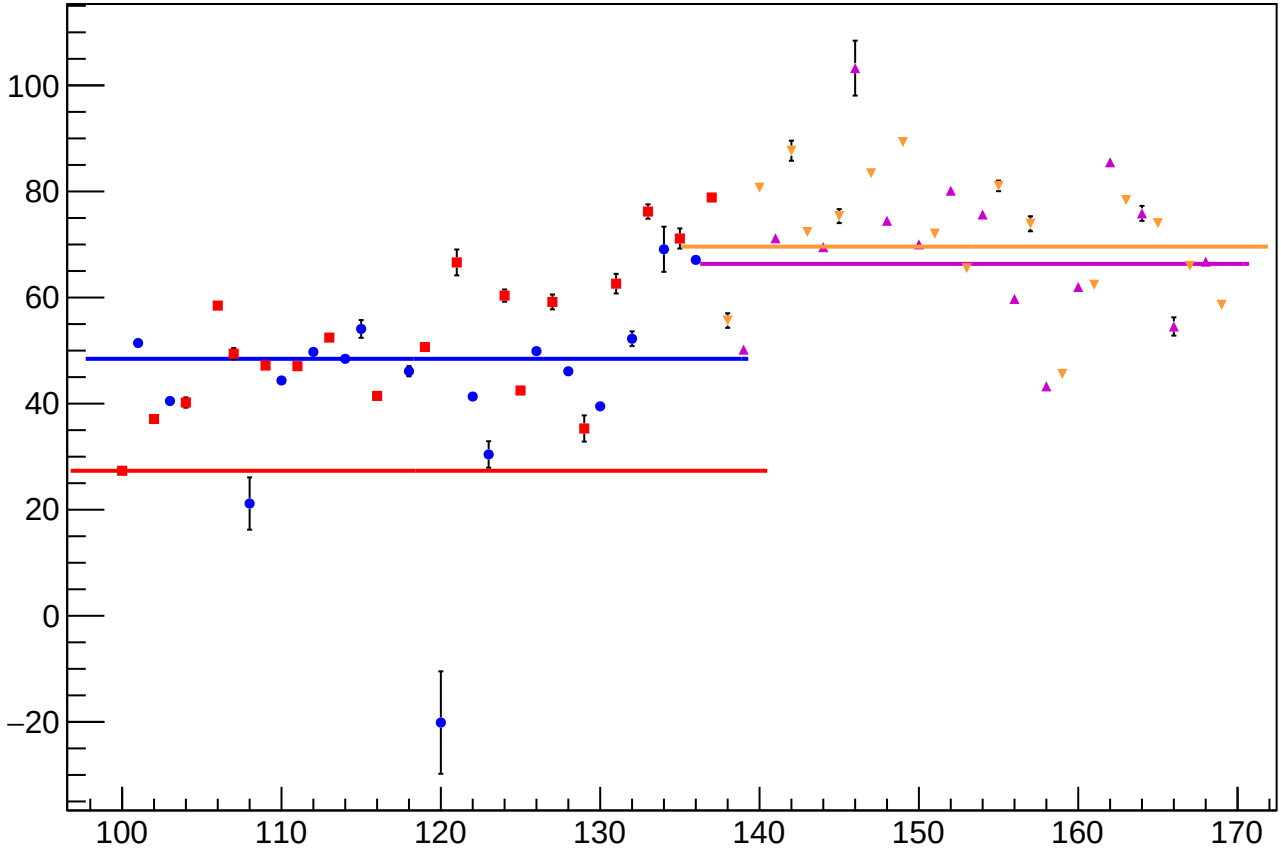
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 114.388+/-0.009 χ^2/NDF:3275122.6/31

Out: 27.798+/-0.000 χ^2/NDF:127376551.6/35

All: 27.798+/-0.000 χ^2/NDF: 221137937.5/67

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 69.599+/-0.181 χ^2/NDF:4362.7/16

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 66.349+/-0.166 χ^2/NDF:4332.8/14

Left: 67.834+/-0.123 χ^2/NDF: 8870.1/31

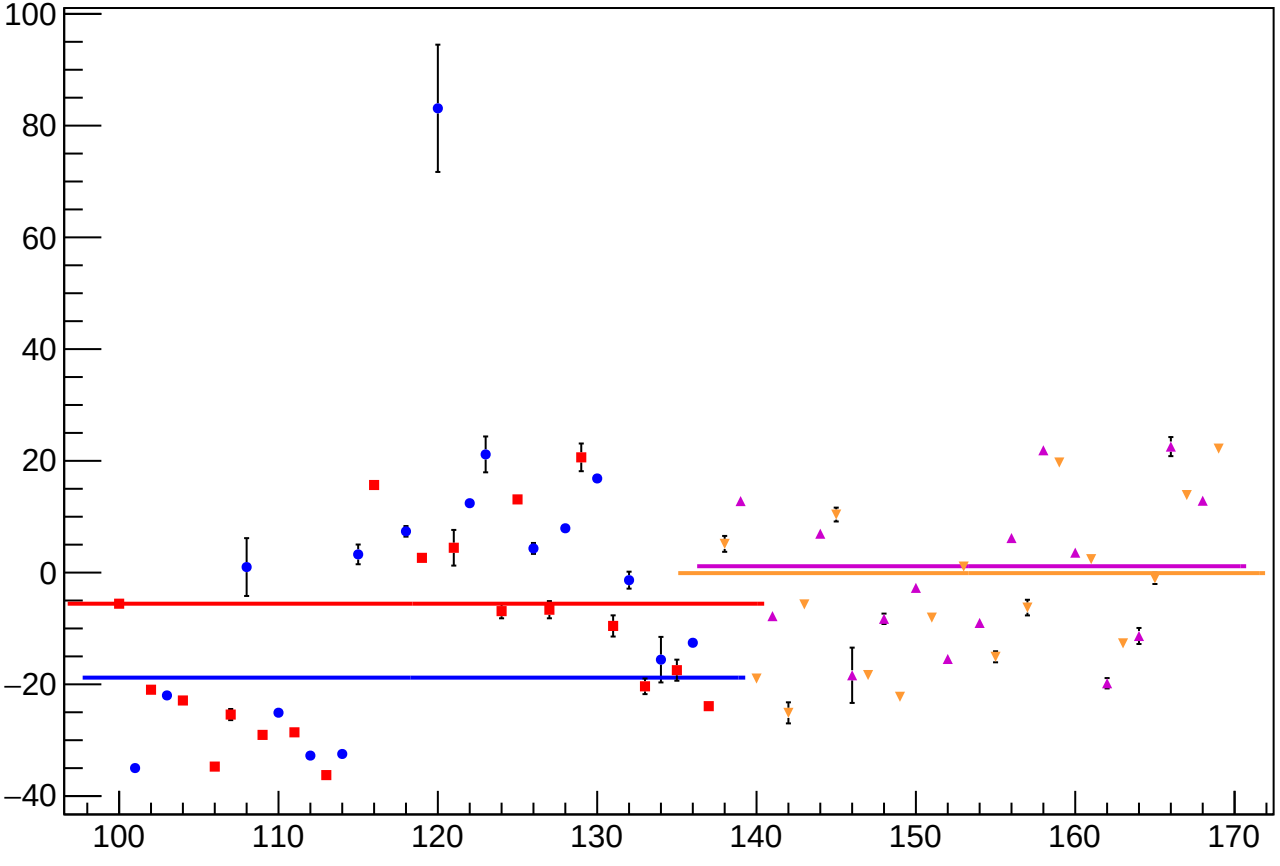
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:18673.1/31

Out: 27.342+/-0.000 χ^2/NDF:84521.5/35

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: -0.095+/-0.180 χ^2/NDF:7039.3/16

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 1.140+/-0.164 χ^2/NDF:4625.5/14

Left: 0.579+/-0.122 χ^2/NDF: 11690.3/31

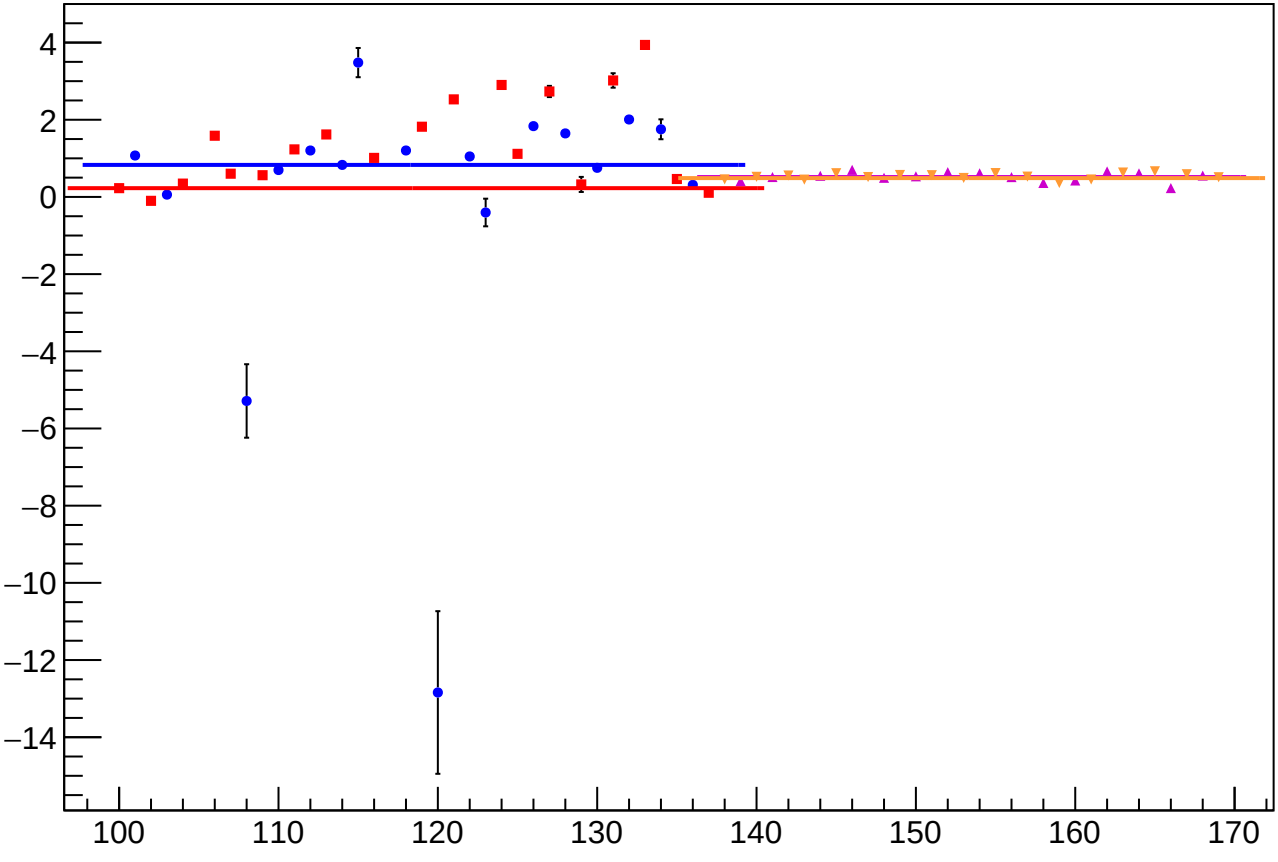
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -9.849+/-0.110 χ^2/NDF:24490.7/31

Out: -5.568+/-0.000 χ^2/NDF:31057.3/35

All: -5.568+/-0.000 χ^2/NDF: 57057.2/67

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.488+/-0.001 χ^2/NDF:6330.6/16

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.516+/-0.001 χ^2/NDF:7892.0/14

Left: 0.502+/-0.001 χ^2/NDF: 14511.0/31

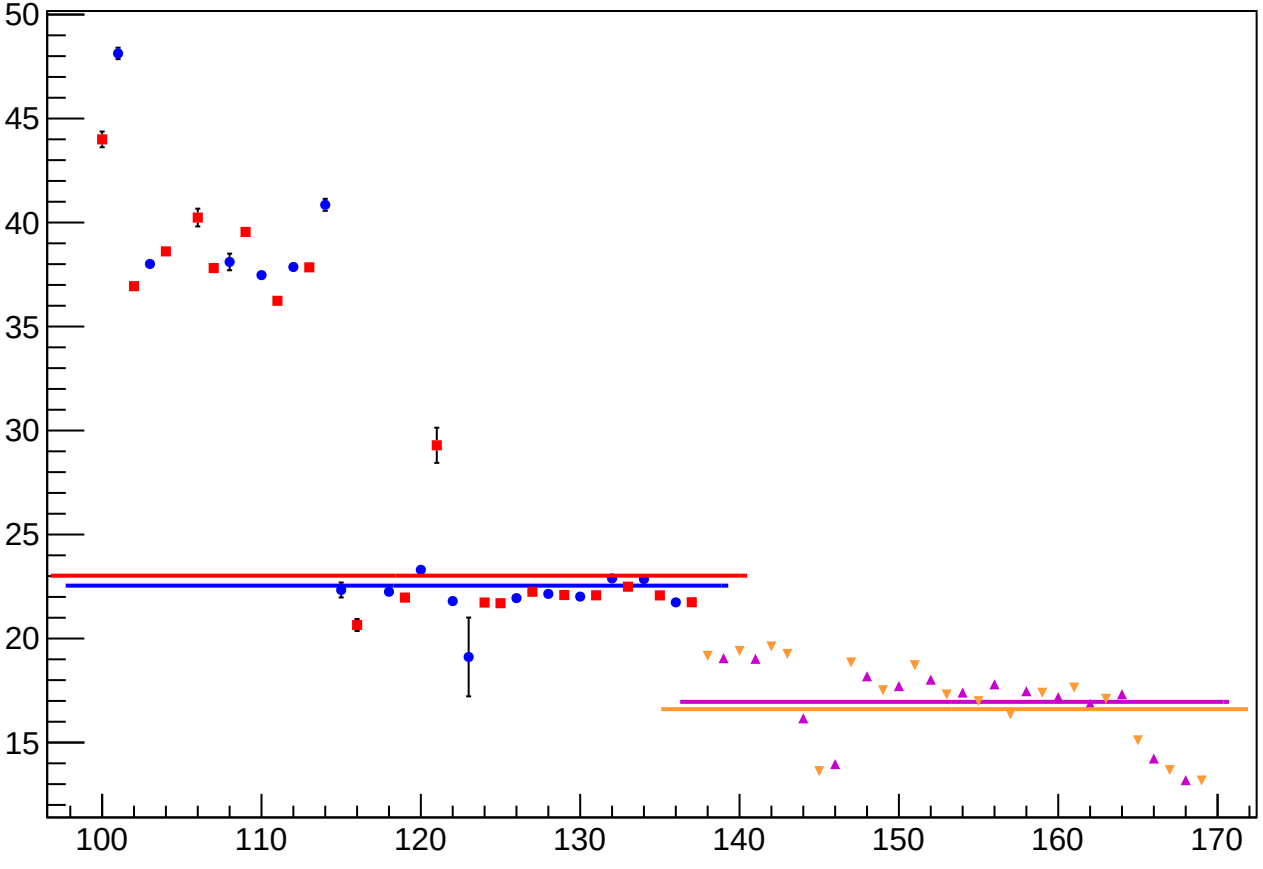
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:99976.1/31

Out: 0.227+/-0.000 χ^2/NDF:66656.5/35

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: 16.604+/-0.005 χ^2/NDF:185972.9/16

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 16.955+/-0.006 χ^2/NDF:82482.8/14

Left: 16.746+/-0.004 χ^2/NDF: 270310.4/31

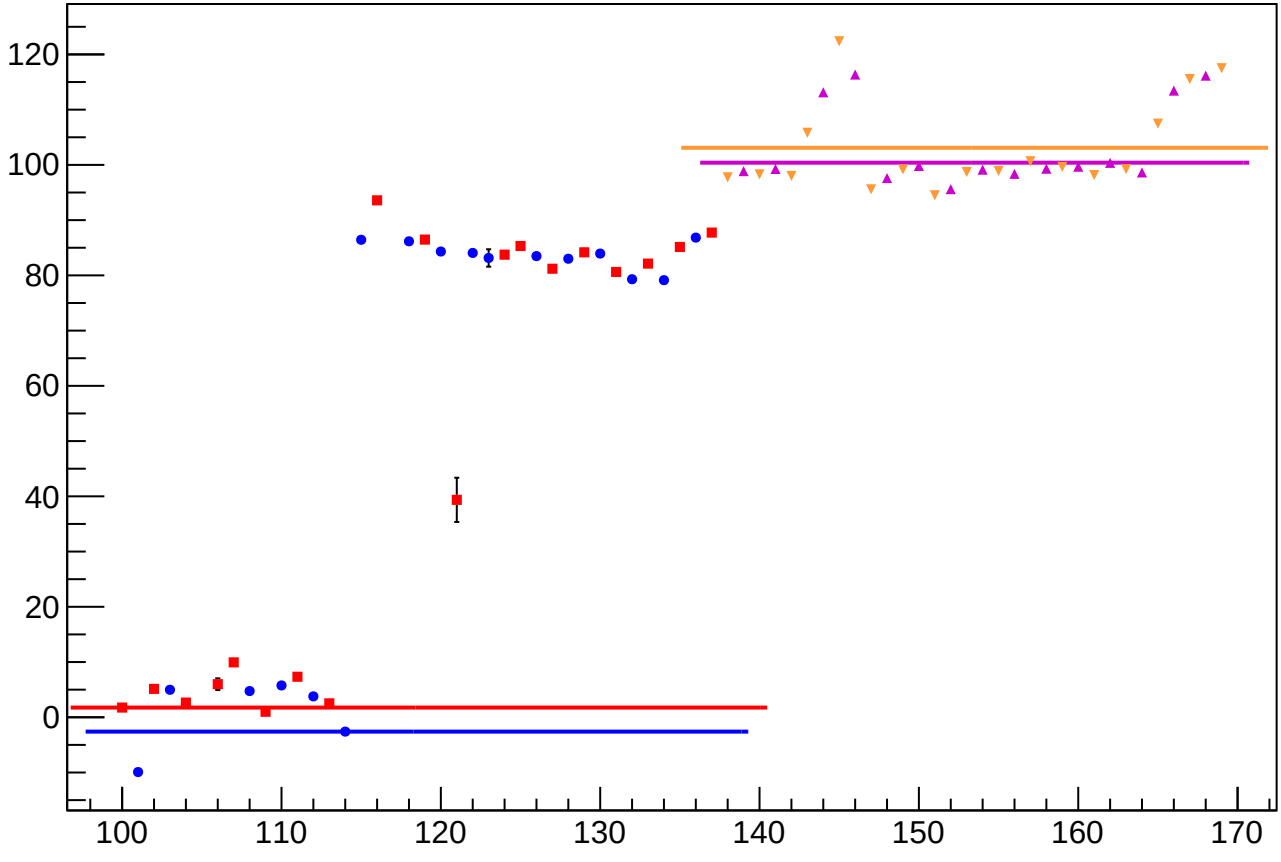
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 18.705+/-0.005 χ^2/NDF:435371.4/31

Out: 18.192+/-0.004 χ^2/NDF:730666.6/35

All: 18.411+/-0.003 χ^2/NDF: 1171573.7/67

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 103.102+/-0.011 χ^2/NDF:490379.8/16

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 100.402+/-0.012 χ^2/NDF:170174.7/14

Left: 101.841+/-0.008 χ^2/NDF: 686569.6/31

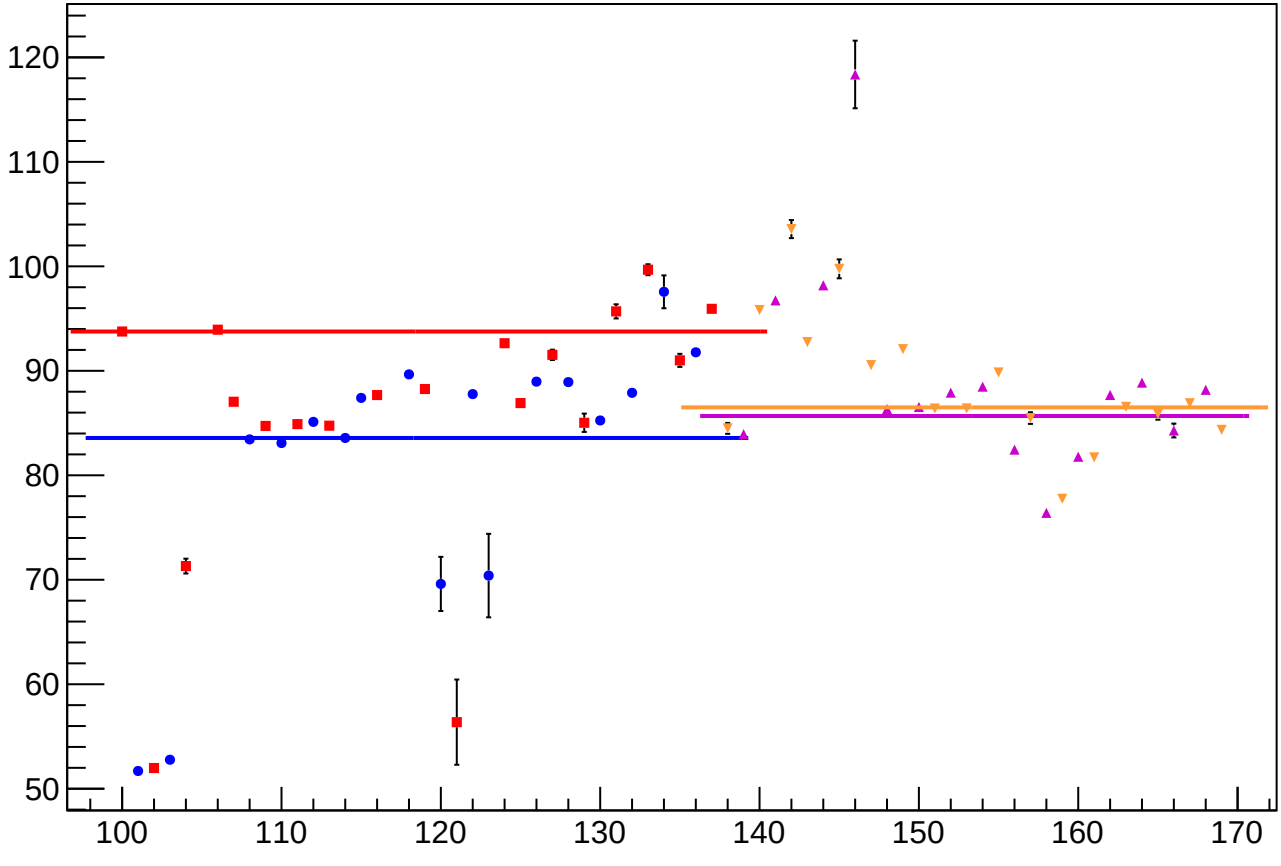
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:78562848.2/31

Out: 1.758+/-0.000 χ^2/NDF:83220135.3/35

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: 86.500+/-0.073 χ^2/NDF:5649.5/16

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 85.676+/-0.062 χ^2/NDF:6143.9/14

Left: 86.020+/-0.047 χ^2/NDF: 11867.9/31

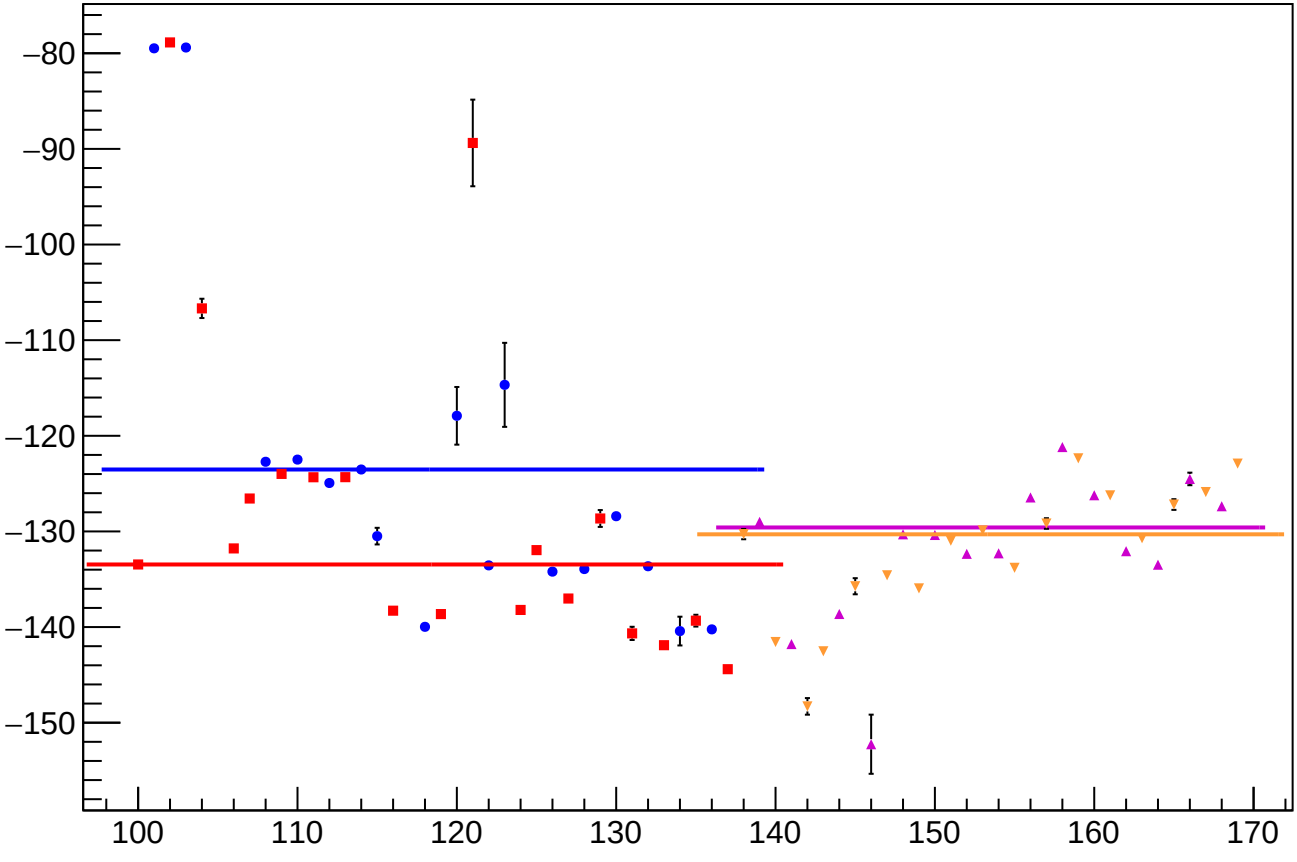
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:56773.1/31

Out: 93.762+/-0.000 χ^2/NDF:98451.8/35

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: -130.301+/-0.072 χ^2/NDF:8435.1/16

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.586+/-0.061 χ^2/NDF:5378.9/14

Left: -129.882+/-0.046 χ^2/NDF: 13871.6/31

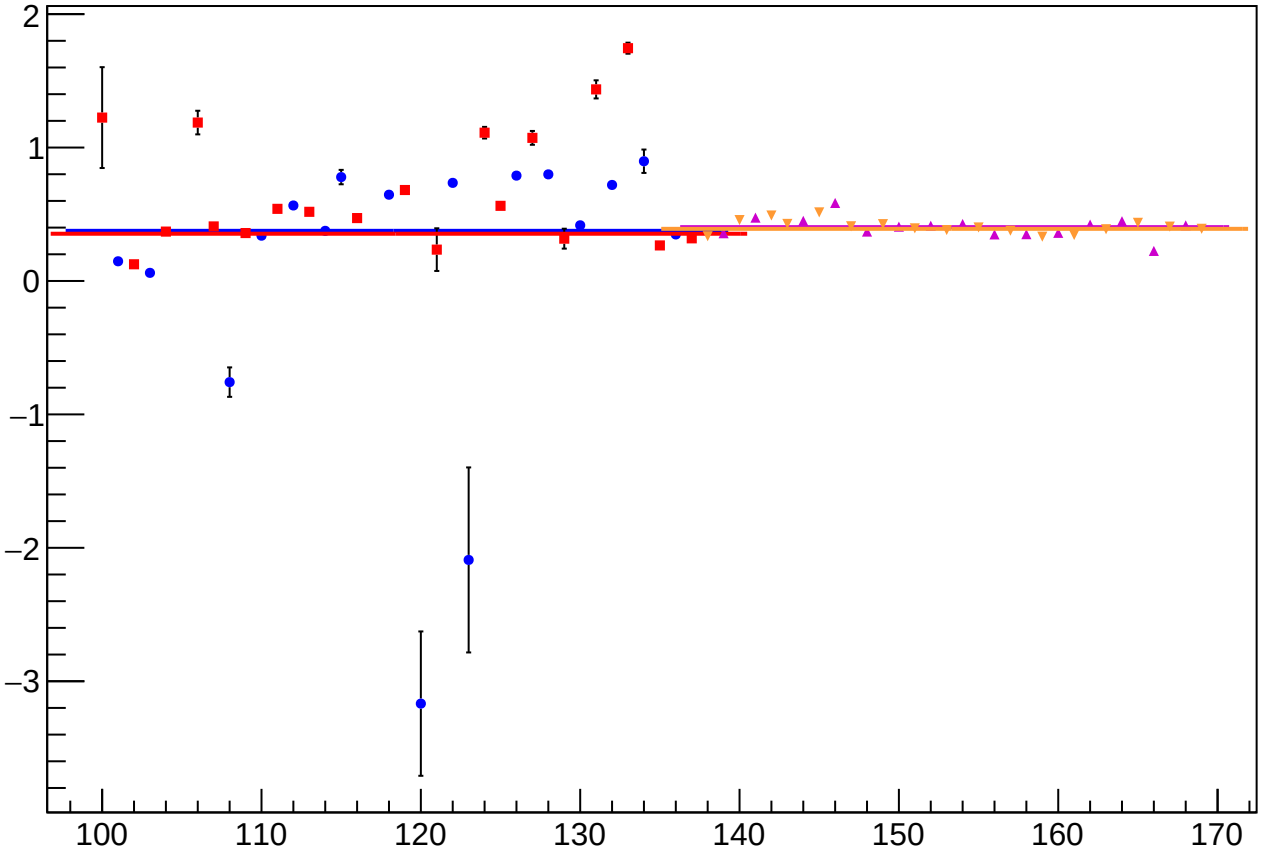
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:175743.2/31

Out: -133.456+/-0.000 χ^2/NDF:405239.8/35

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: 0.391+/-0.001 χ^2/NDF:4722.6/16

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.403+/-0.001 χ^2/NDF:6181.5/14

Left: 0.398+/-0.000 χ^2/NDF: 11181.2/31

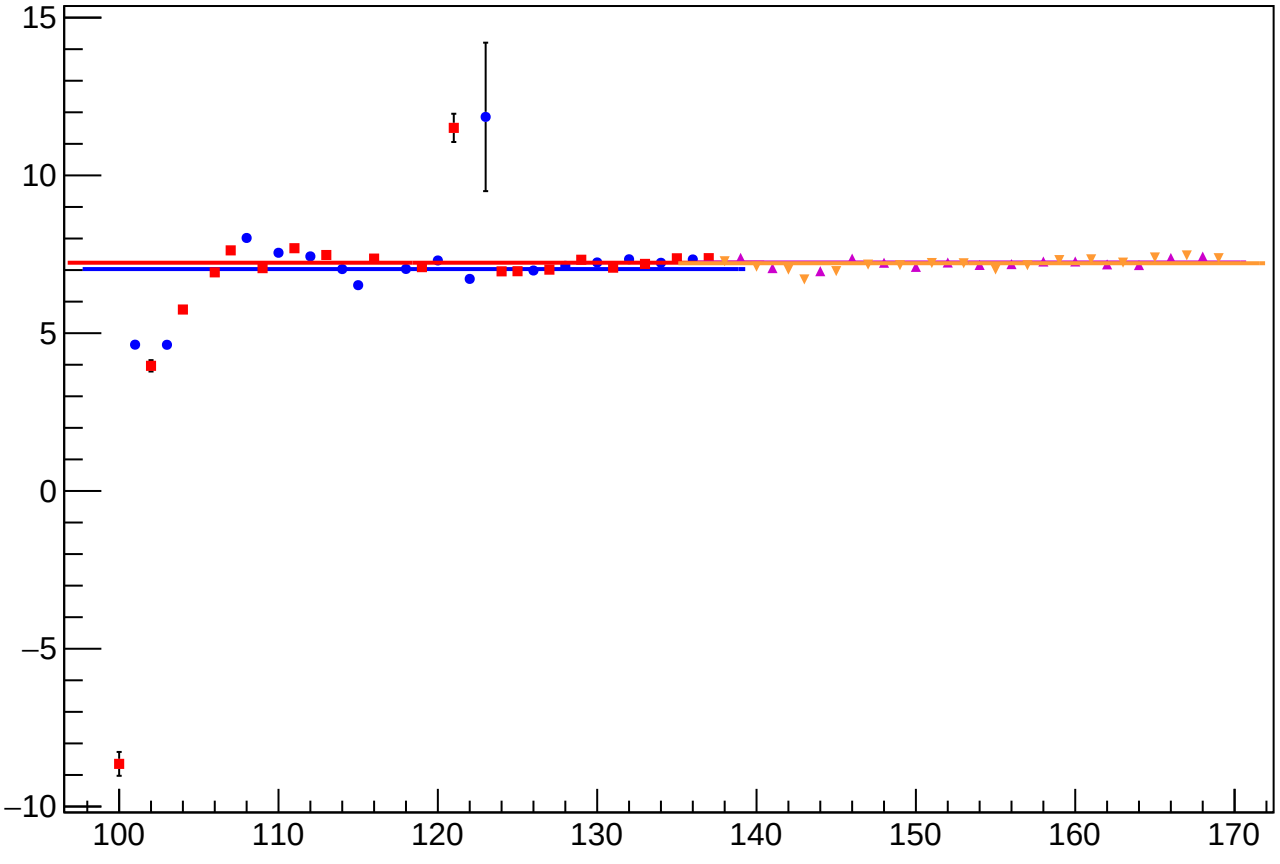
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:13139.1/31

Out: 0.386+/-0.001 χ^2/NDF:9835.9/35

All: 0.376+/-0.000 χ^2/NDF: 23368.3/67

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.217+/-0.001 χ^2/NDF:27686.5/16

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.242+/-0.001 χ^2/NDF:17860.3/14

Left: 7.231+/-0.001 χ^2/NDF: 45928.8/31

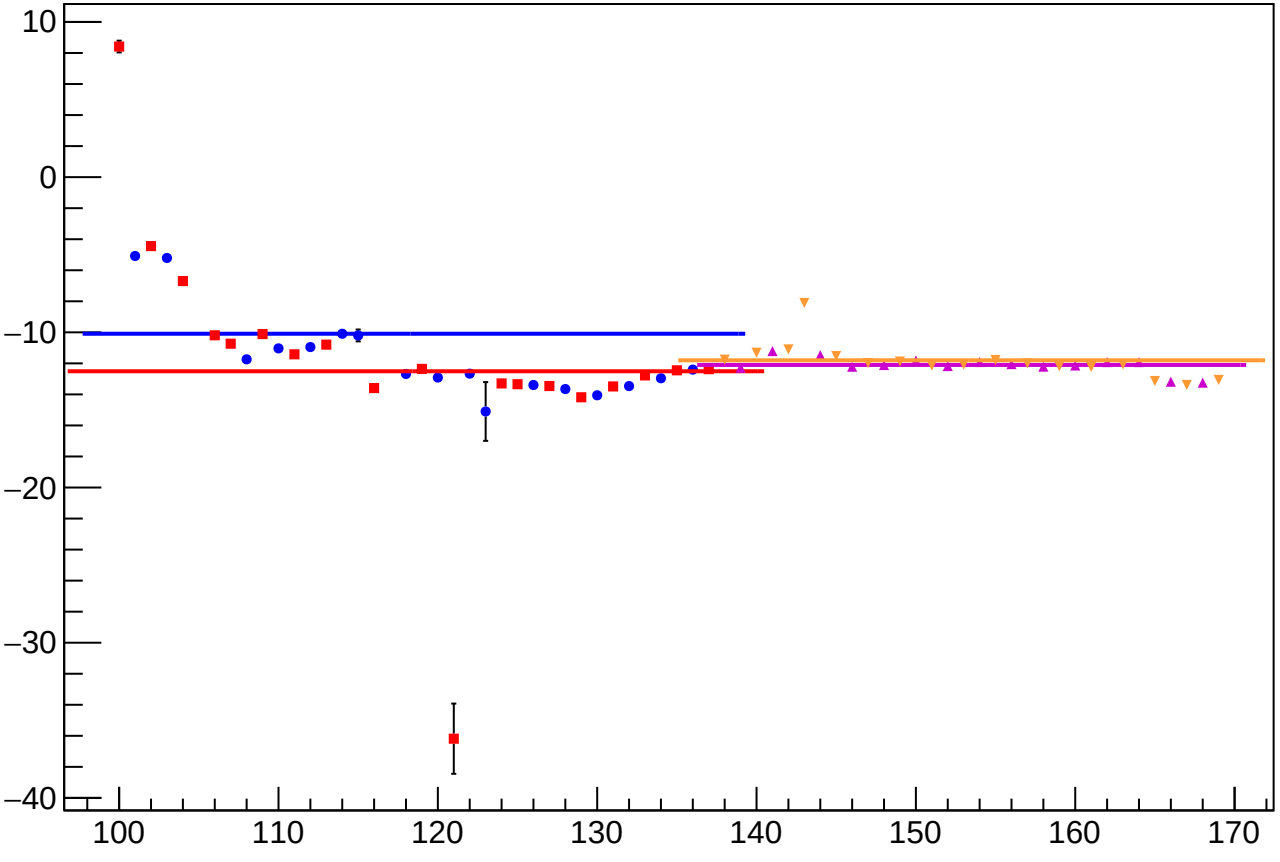
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:94675.2/31

Out: 7.219+/-0.001 χ^2/NDF:37789.4/35

All: 7.032+/-0.000 χ^2/NDF: 176094.0/67

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.802+/-0.002 χ^2/NDF:465420.2/16

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.101+/-0.002 χ^2/NDF:29498.8/14

Left: -11.951+/-0.001 χ^2/NDF: 508282.3/31

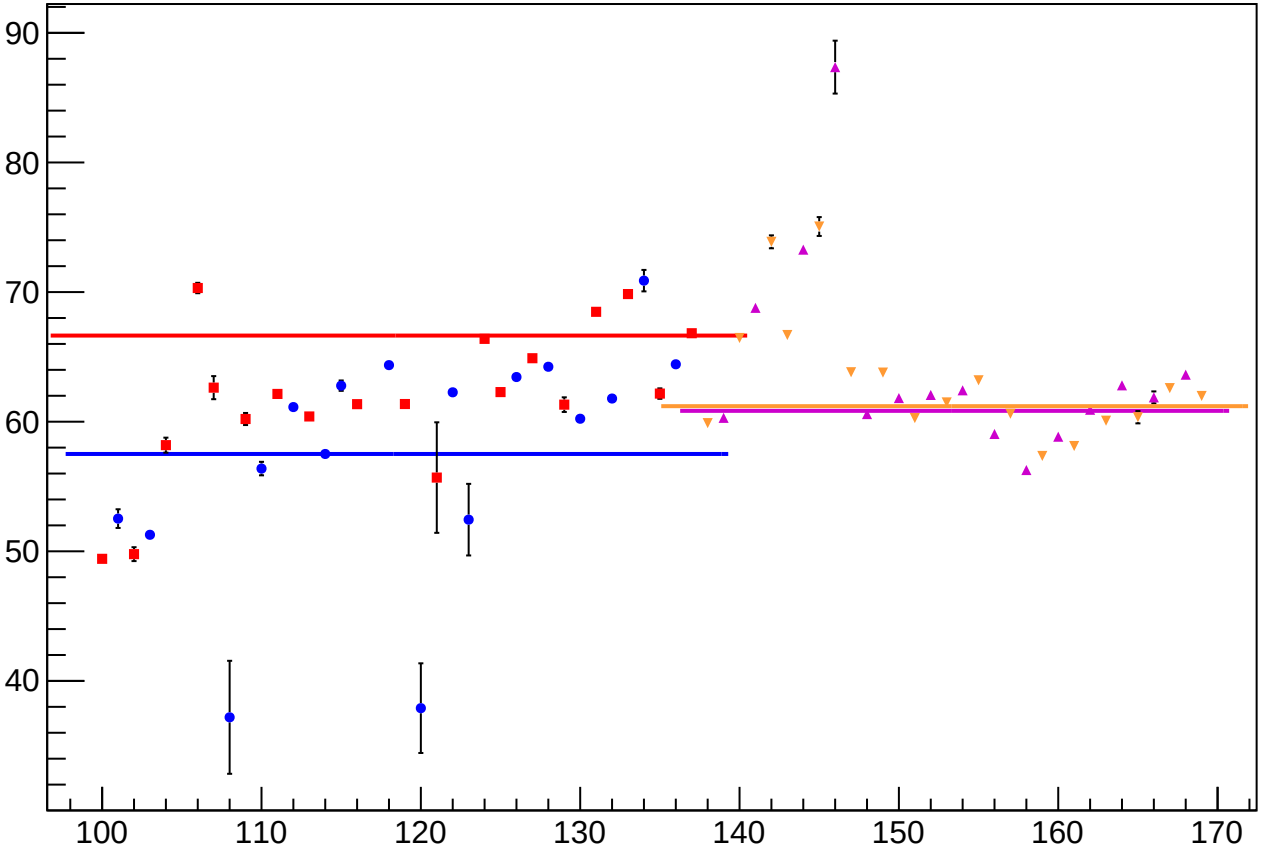
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:1775968.1/31

Out: -11.937+/-0.002 χ^2/NDF:597637.7/35

All: -10.092+/-0.000 χ^2/NDF: 3642790.9/67

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.198+/-0.044 χ^2/NDF:5251.0/16

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 60.837+/-0.037 χ^2/NDF:5860.3/14

Left: 60.986+/-0.028 χ^2/NDF: 11151.2/31

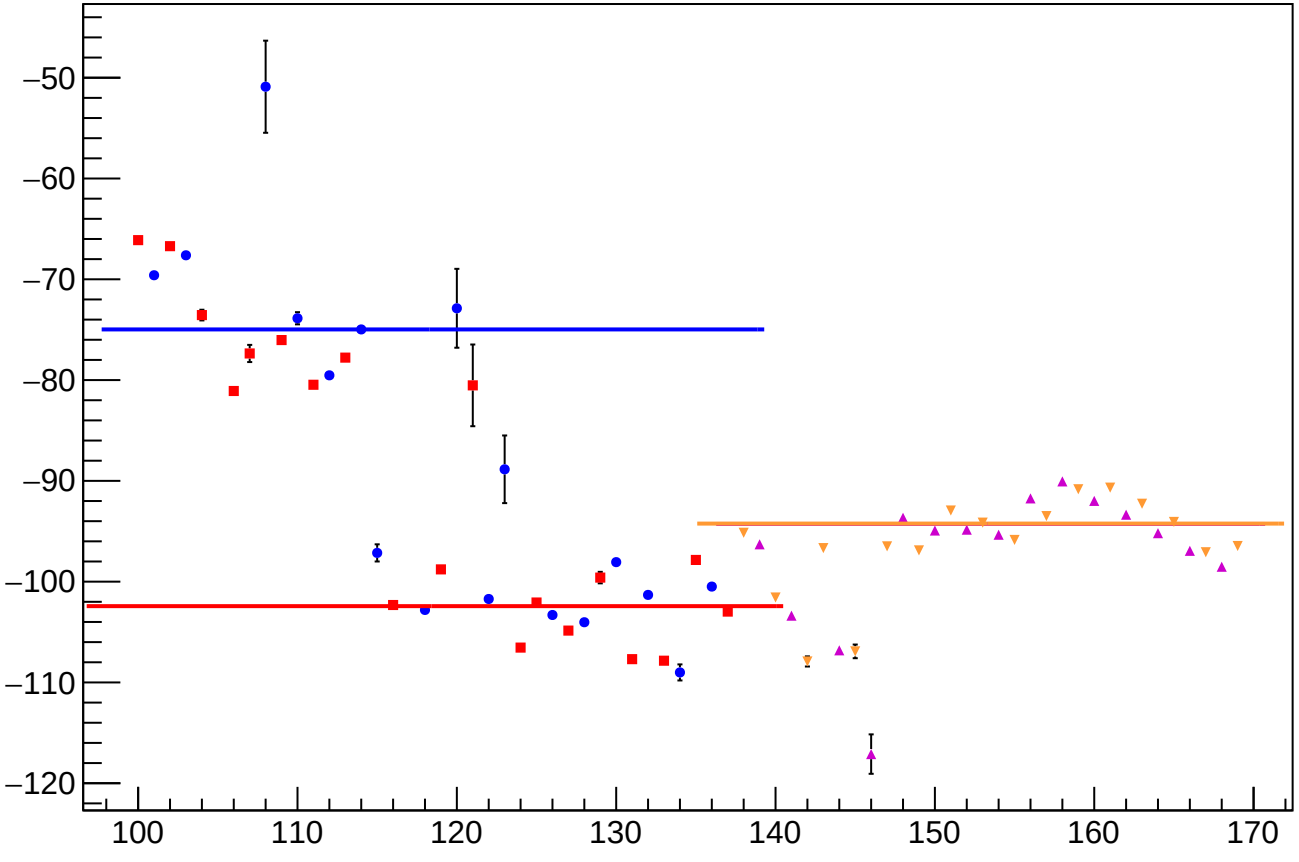
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:22145.9/31

Out: 66.197+/-0.013 χ^2/NDF:27667.1/35

All: 57.510+/-0.000 χ^2/NDF: 530844.6/67

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -94.240+/-0.044 χ^2/NDF:5255.0/16

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -94.278+/-0.037 χ^2/NDF:6687.0/14

Left: -94.262+/-0.028 χ^2/NDF: 11942.4/31

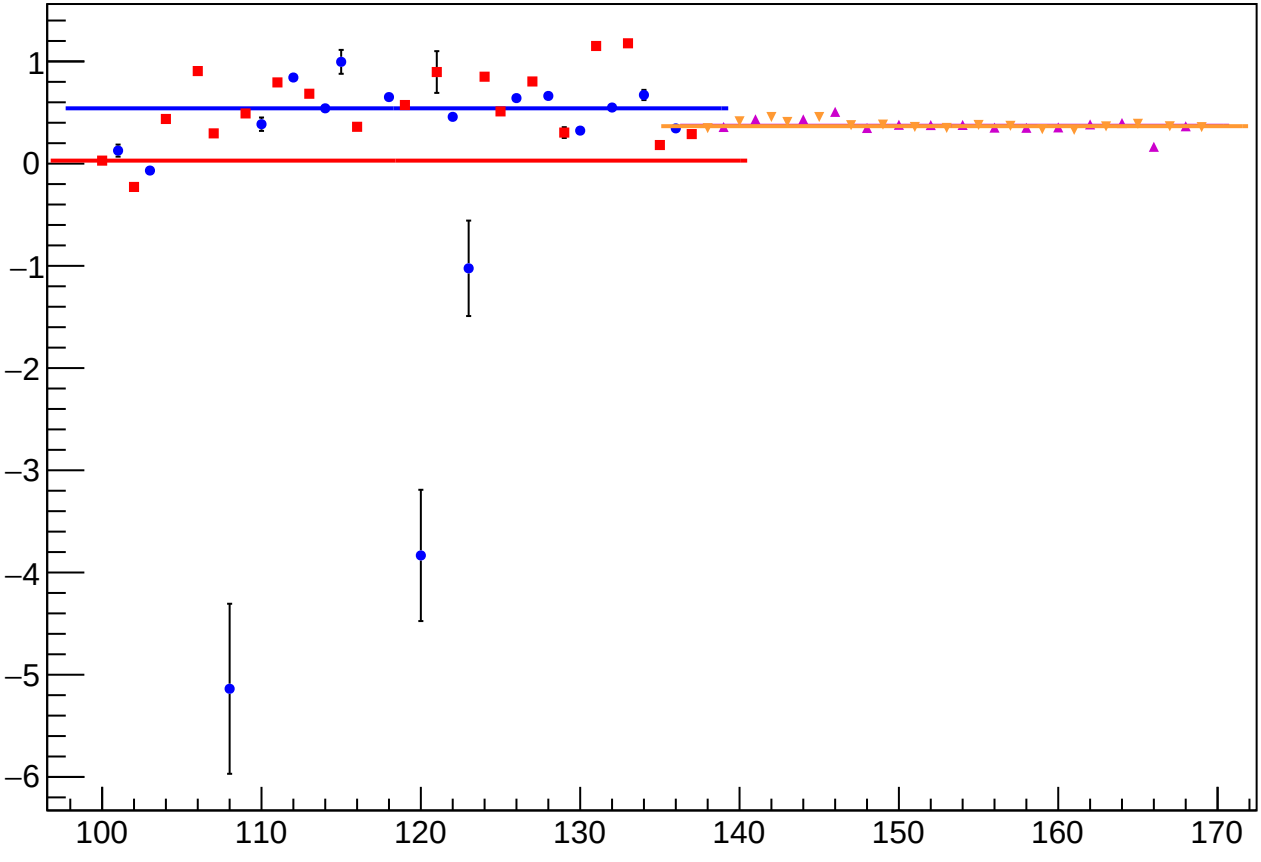
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:406700.1/31

Out: -101.263+/-0.016 χ^2/NDF:85747.7/35

All: -74.974+/-0.000 χ^2/NDF: 3032248.6/67

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.366+/-0.000 χ^2/NDF:3084.3/16

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.371+/-0.000 χ^2/NDF:5063.1/14

Left: 0.369+/-0.000 χ^2/NDF: 8209.6/31

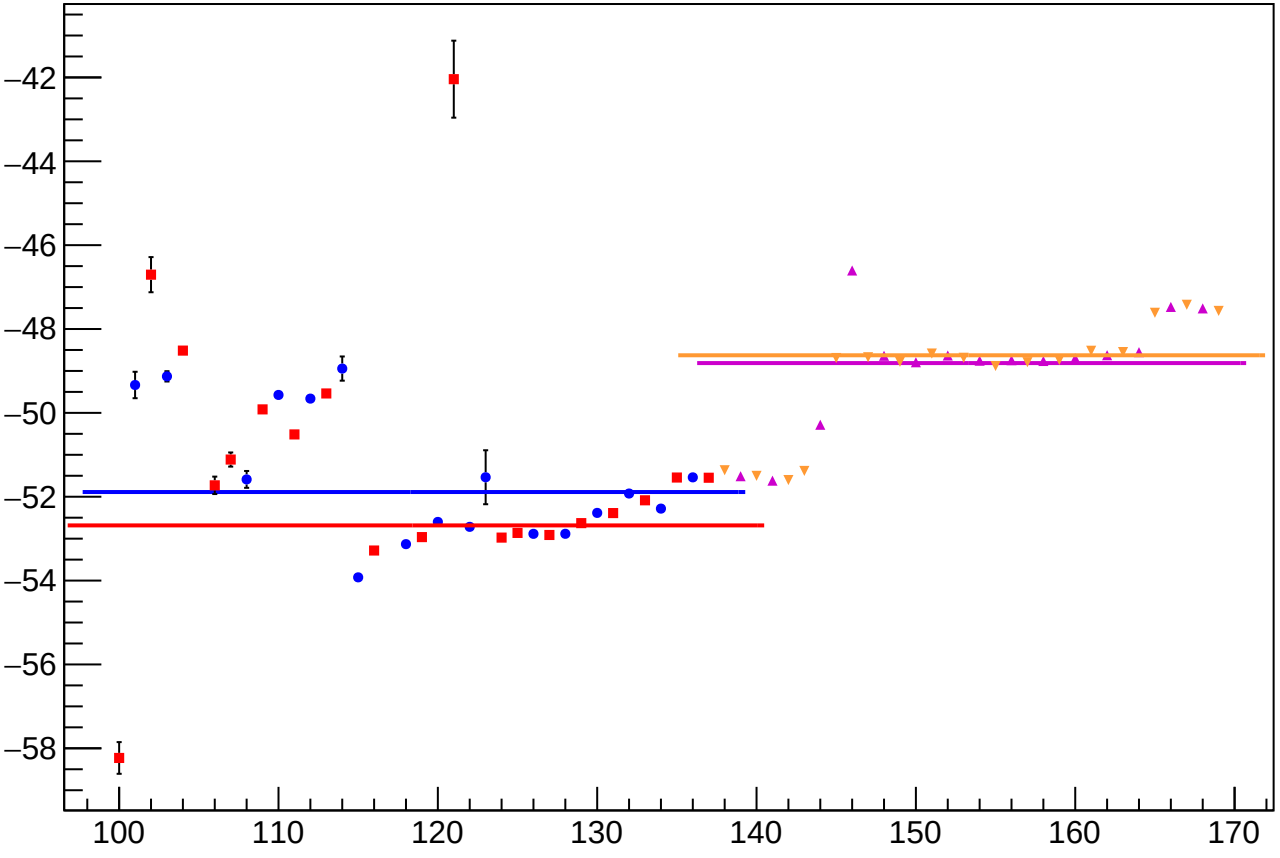
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:309879.7/31

Out: 0.030+/-0.000 χ^2/NDF:771487.5/35

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: -48.626+/-0.001 χ^2/NDF:610252.0/16

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.813+/-0.001 χ^2/NDF:654796.1/14

Left: -48.732+/-0.001 χ^2/NDF: 1279851.6/31

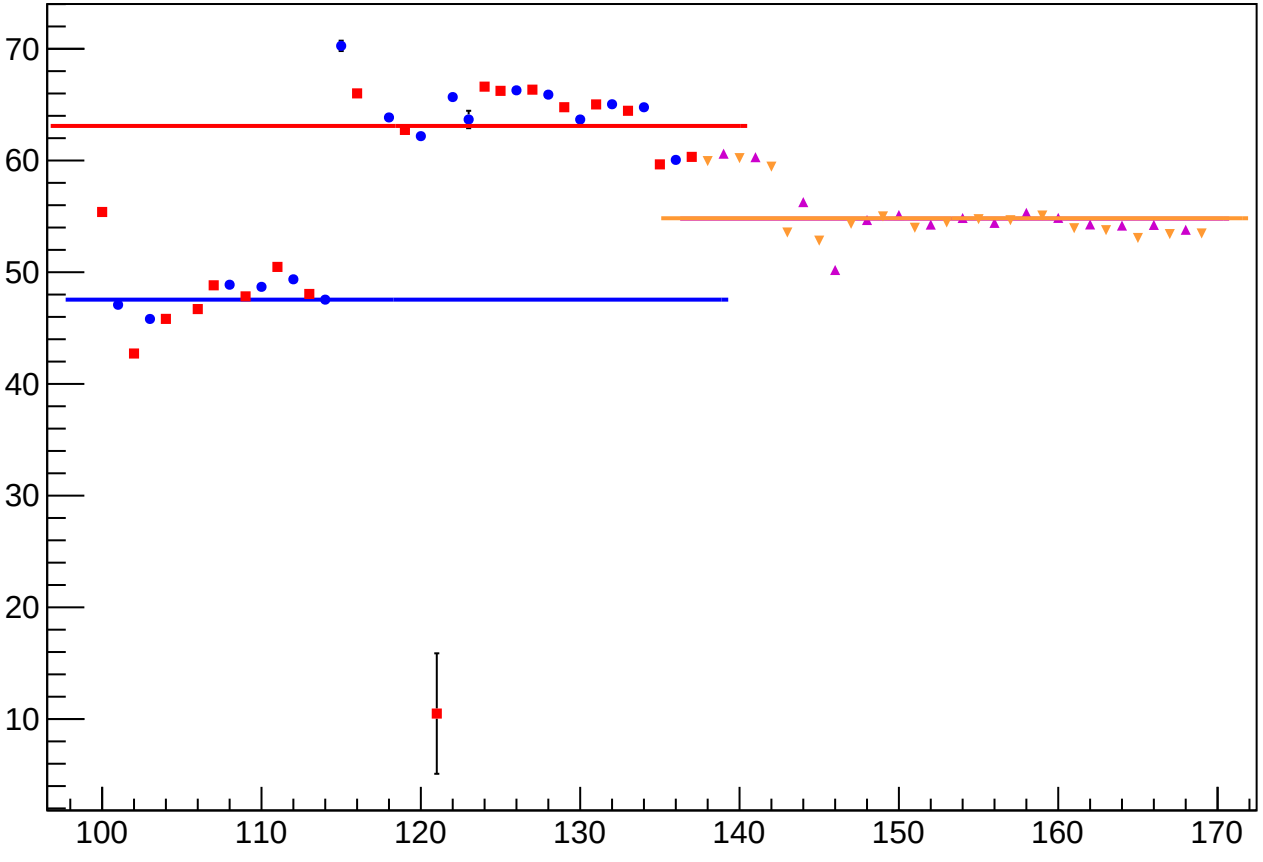
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.333+/-0.001 χ^2/NDF:2315076.9/31

Out: -49.311+/-0.001 χ^2/NDF:2755336.0/35

All: -49.324+/-0.001 χ^2/NDF: 5070666.3/67

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.831+/-0.003 χ^2/NDF:273695.9/16

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.796+/-0.003 χ^2/NDF:85499.6/14

Left: 54.811+/-0.002 χ^2/NDF: 359270.5/31

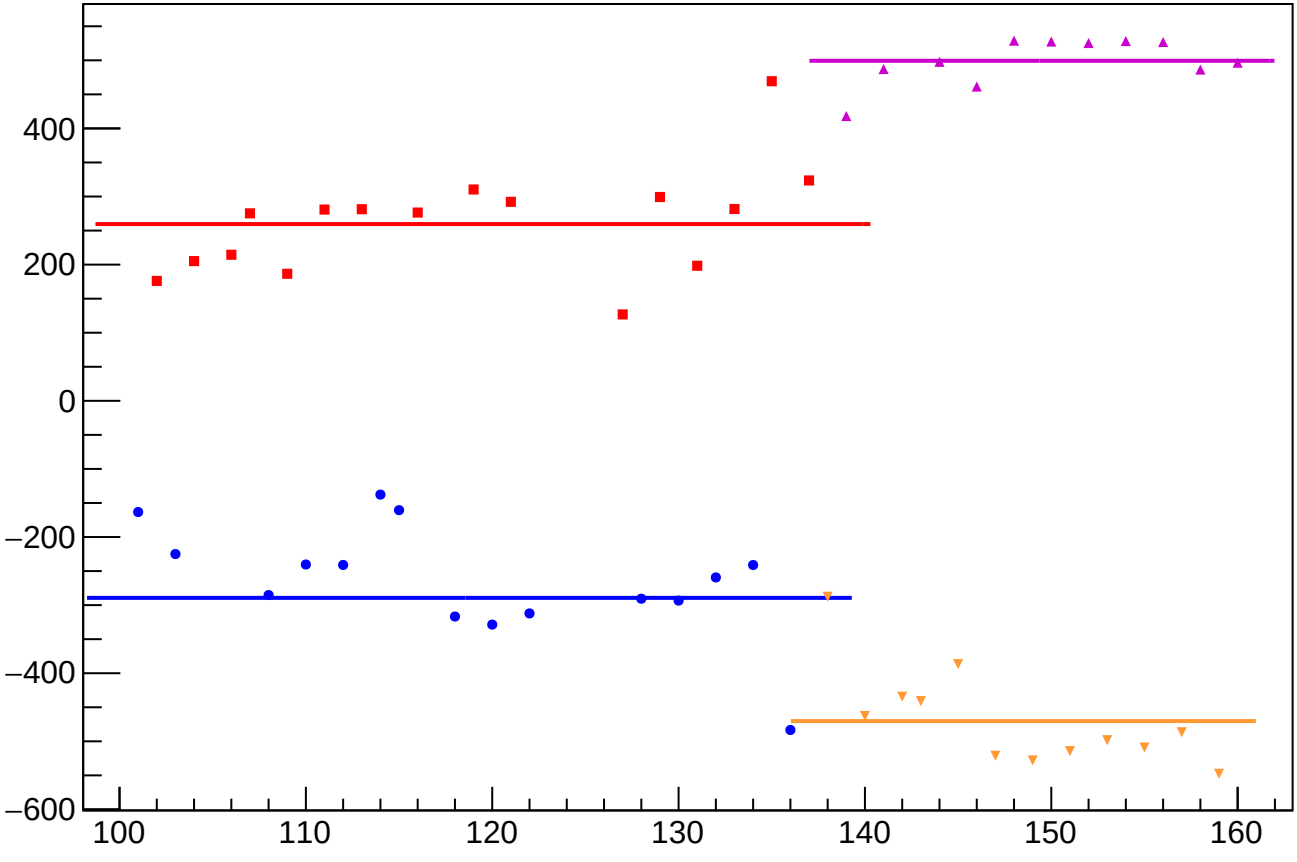
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:10723765.8/31

Out: 56.034+/-0.003 χ^2/NDF:1652160.2/35

All: 47.545+/-0.000 χ^2/NDF: 21239171.0/67

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.381+/-0.000 χ^2/NDF: 43828608668570412

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -470.248+/-0.000 χ^2/NDF:46073619006351335073368931742232084 48.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

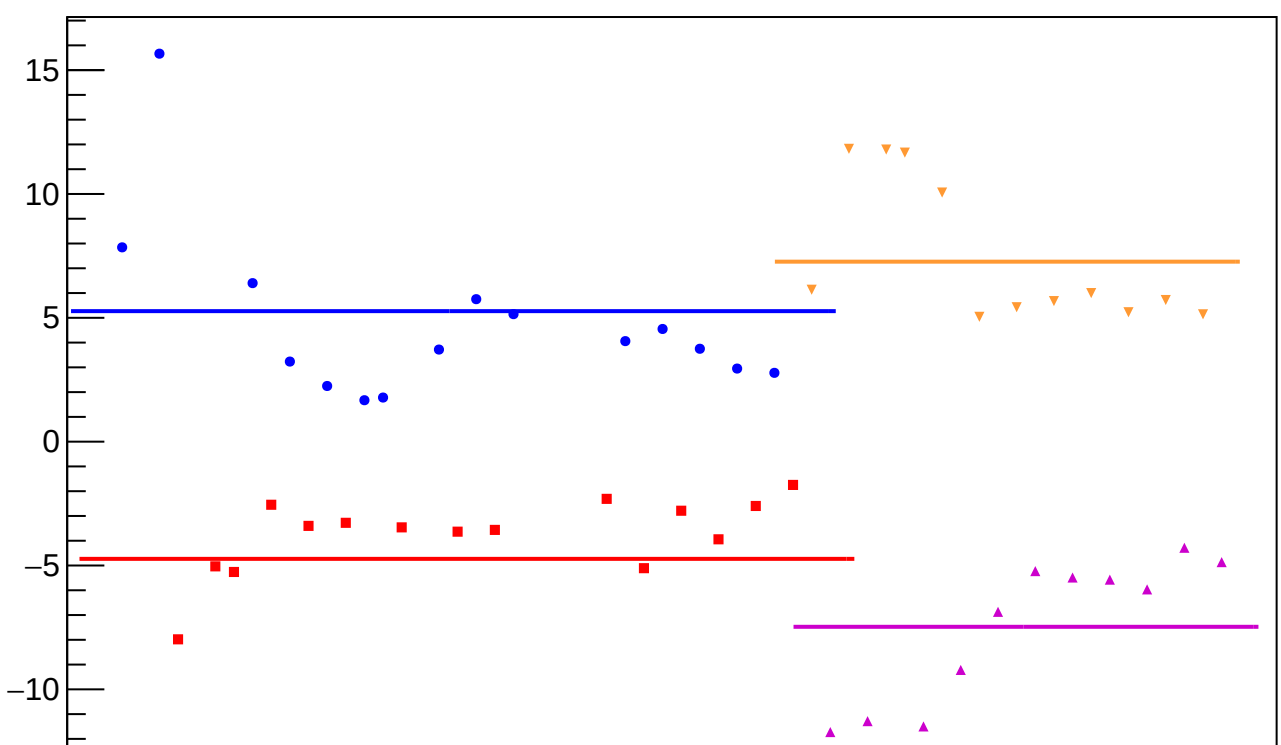
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -162.937+/-0.000 χ^2/NDF:214569343830480

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.914+/-0.000 χ^2/NDF: 5476353608355

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Left Out: 7.267+/-0.000 χ^2/NDF:65618458913614380994529453638942 72.0/11

Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

Left: -0.132+/-0.000 χ^2/NDF: 11364150360100076

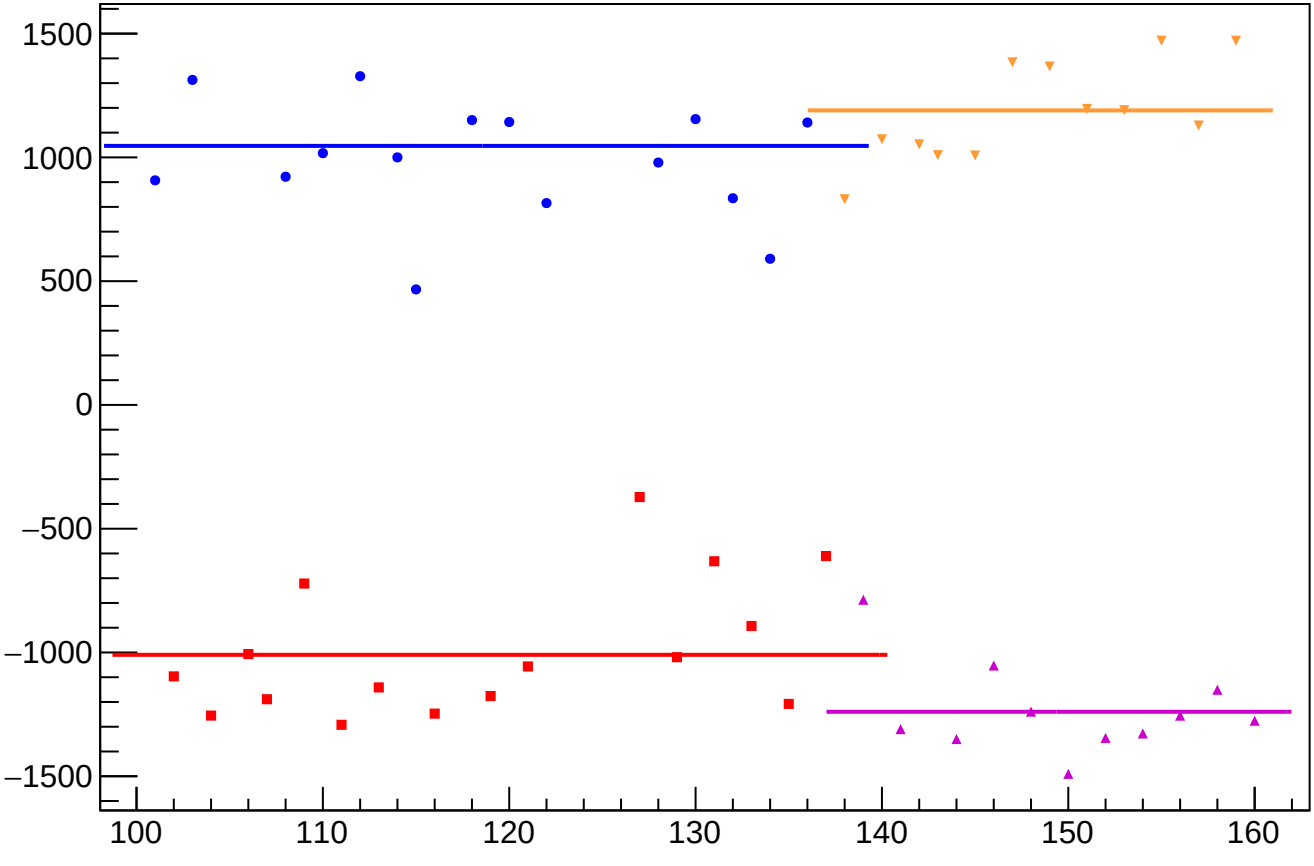
Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

Out: 2.215+/-0.000 χ^2/NDF:69010722061877531 8

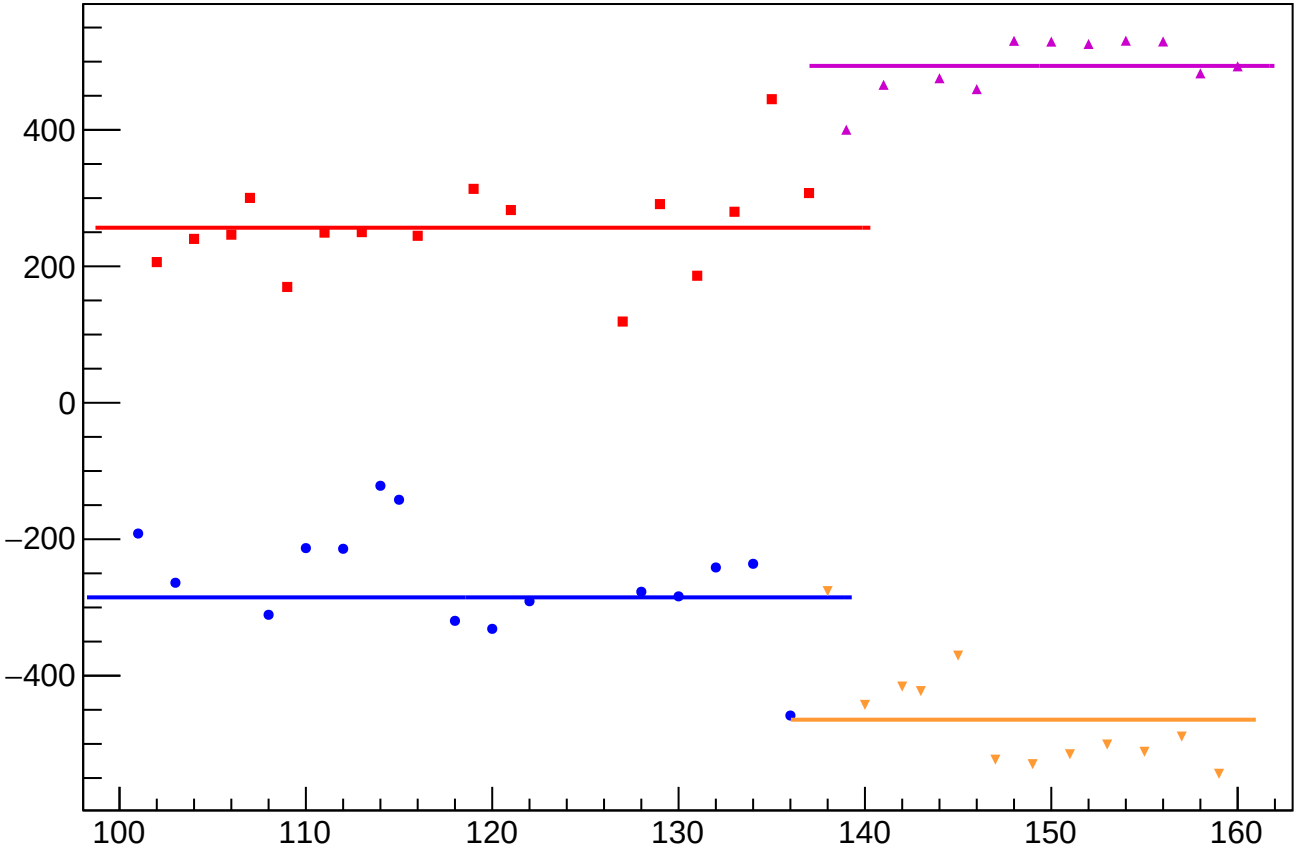
All: 0.007+/-0.000 χ^2/NDF: 16219425295293

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



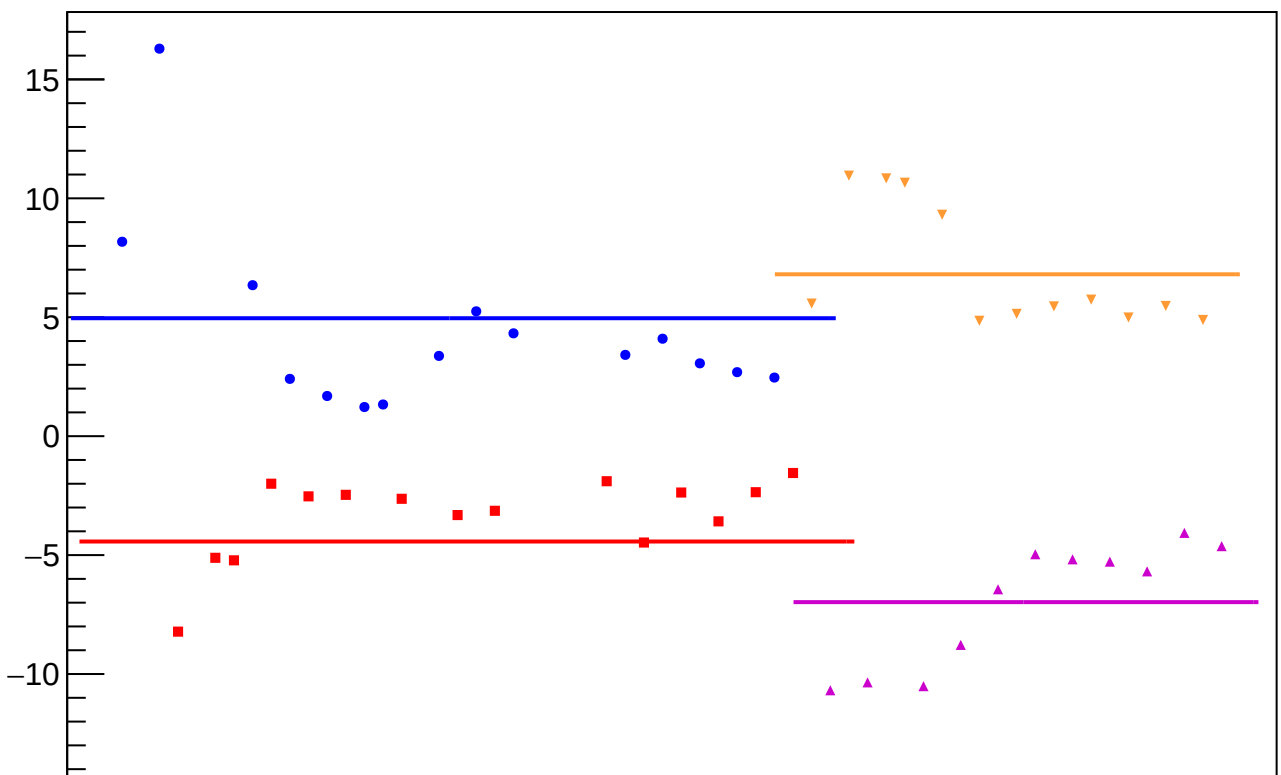
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.468+/-0.000 χ^2/NDF: 4294944403006017
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -464.487+/-0.000 χ^2/NDF:54125122737446035774748796605264035 84.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -160.848+/-0.000 χ^2/NDF:209837987568430
Left In: 493.780+/-0.000 χ^2/NDF:145179473127714223090146053222668697 6.0/10
All: 5.190+/-0.000 χ^2/NDF: 5347380399612

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.112+/-0.000 χ^2/NDF: 98305442984761491

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

Left Out: 6.806+/-0.000 χ^2/NDF:5243464744446974431083540143669248.0/11

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

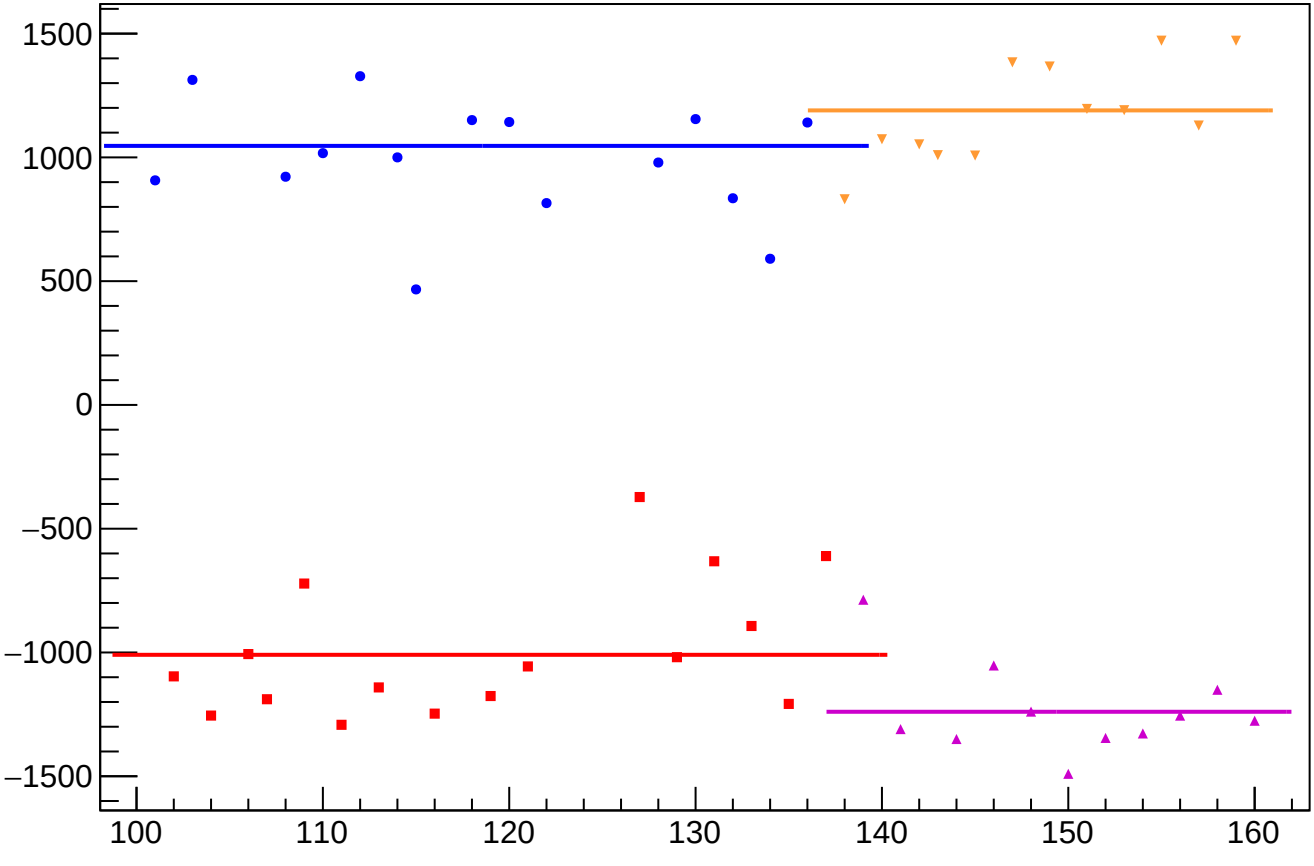
Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Out: 2.075+/-0.000 χ^2/NDF:62353311889232177 8

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

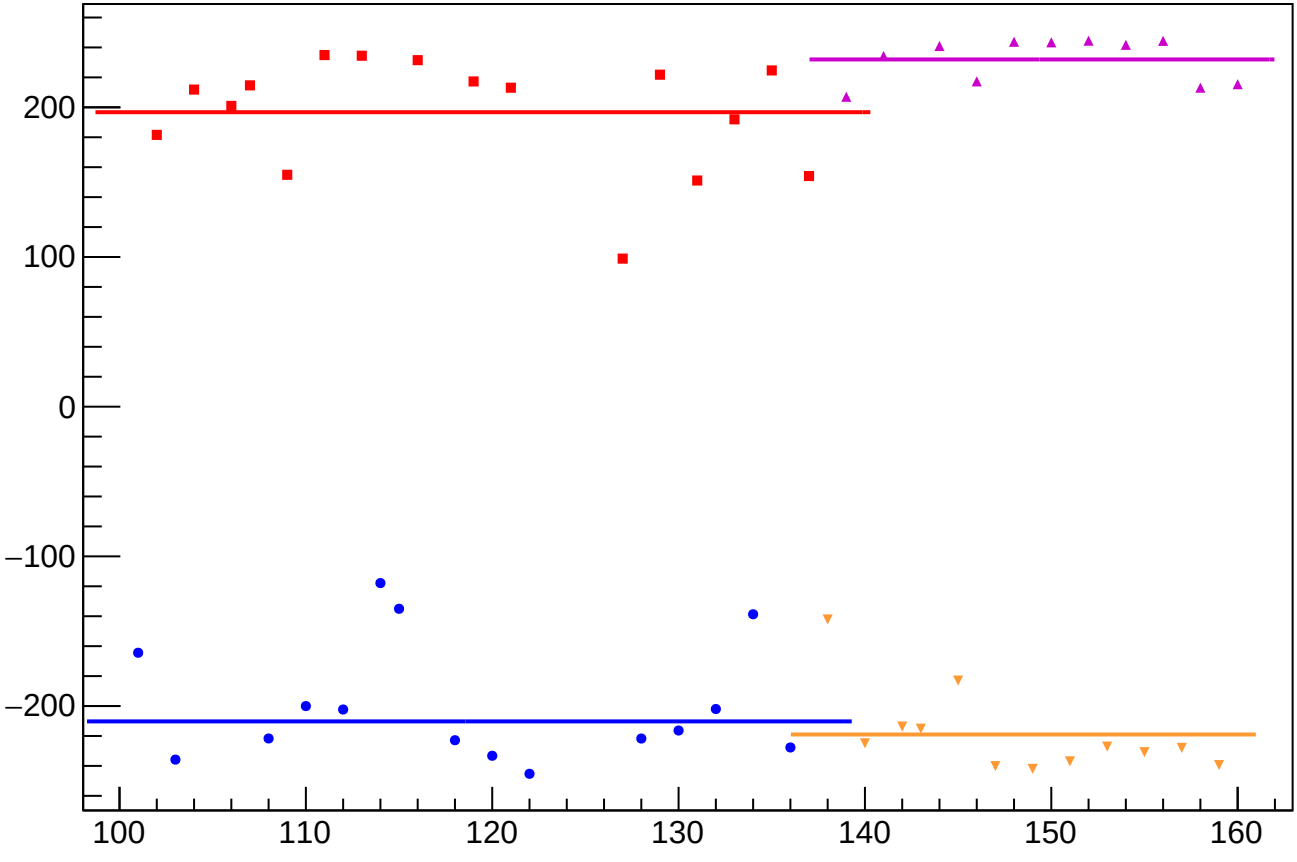
All: 0.018+/-0.000 χ^2/NDF: 1462068445773 8

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



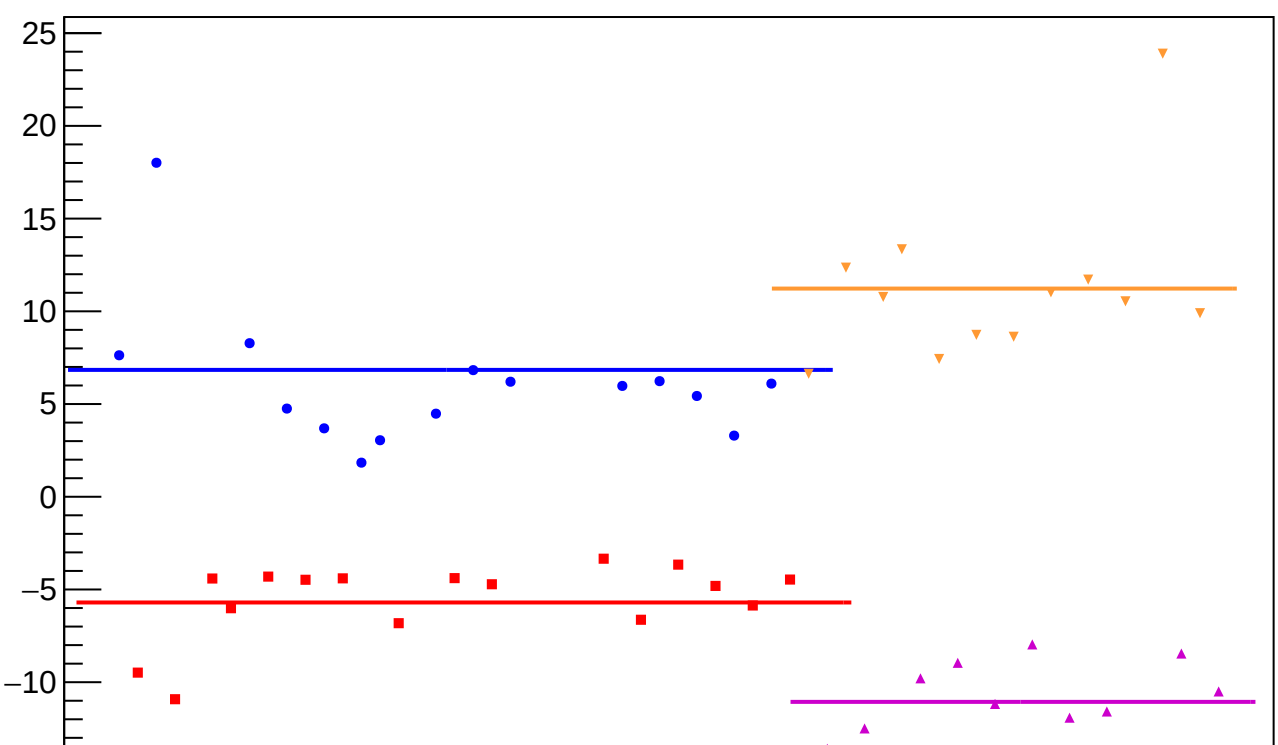
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_11X12X_coil1_mean vs Slug, Sign Corrected



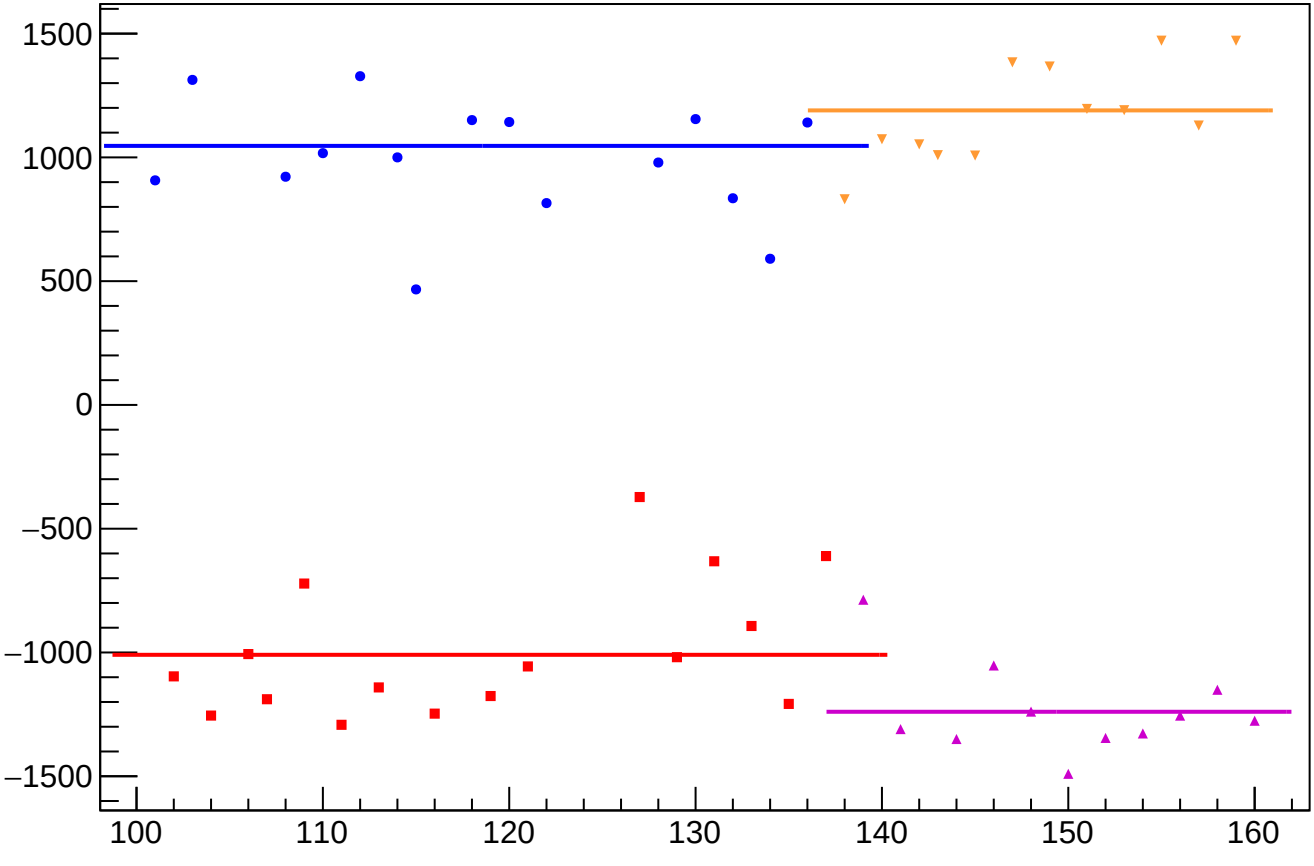
Left: 7.345+/-0.000 χ^2/NDF: 94526045033422364
Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14
Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263
Left Out: -219.010+/-0.000 χ^2/NDF:7311322343420992689001316159775047 68.0/11
In: 49.520+/-0.000 χ^2/NDF:75312551342115055
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15
Out: -43.945+/-0.000 χ^2/NDF:6838245163544745
Left In: 231.985+/-0.000 χ^2/NDF:18299202728040146313906510529088716 8.0/10
All: 2.624+/-0.000 χ^2/NDF: 1505895384399

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



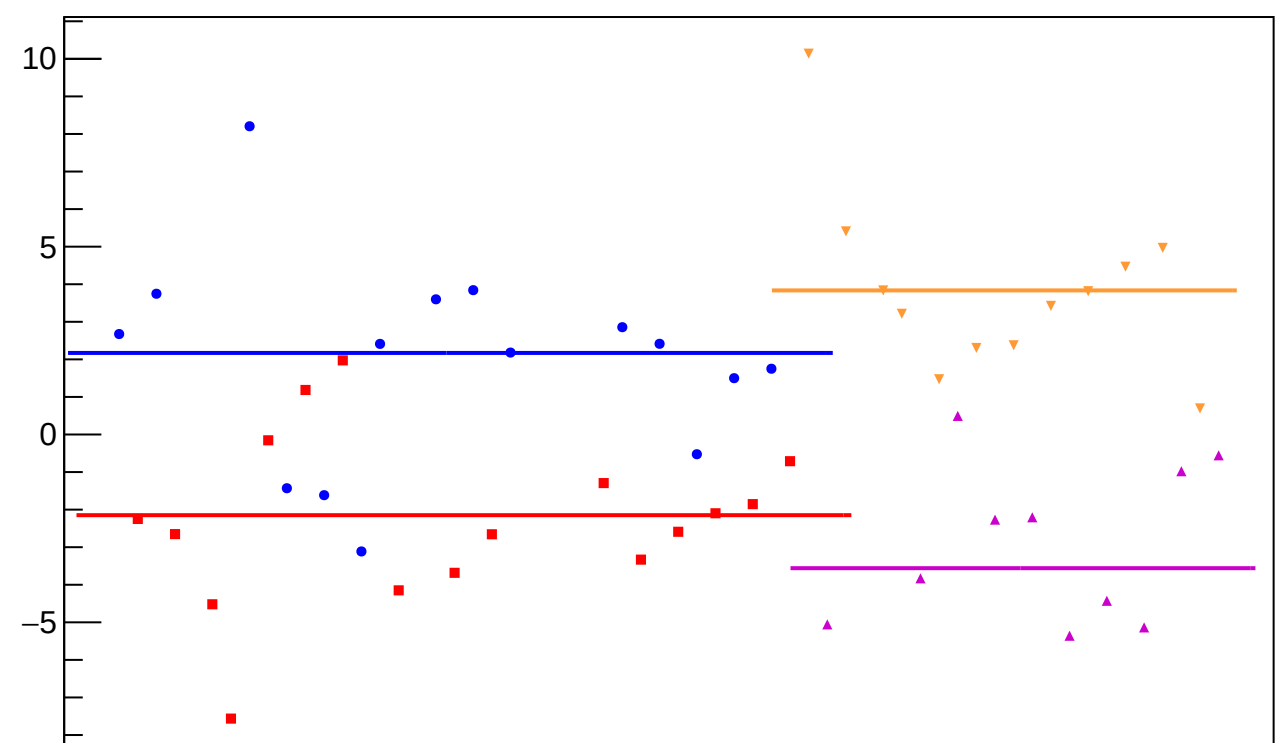
Left: 0.040+/-0.000 χ^2/NDF: 25018583674186082
Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14
Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291
Left Out: 11.226+/-0.000 χ^2/NDF:171578317285058105545435772081930 24.0/11
In: -3.675+/-0.000 χ^2/NDF:135955249397154669
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15
Out: 4.098+/-0.000 χ^2/NDF:13097537700358980
Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10
All: 0.225+/-0.000 χ^2/NDF: 3146156012036

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:194774148077866 7
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.124+/-0.000 χ^2/NDF: 367351832959330491

Right In: 2.171+/-0.000 χ^2/NDF: 3599819246909975678410499691642880.0/14

Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488

Left Out: 3.836+/-0.000 χ^2/NDF:5077142493205652960507998024761344.0/11

In: -1.195+/-0.000 χ^2/NDF:226097487134650351

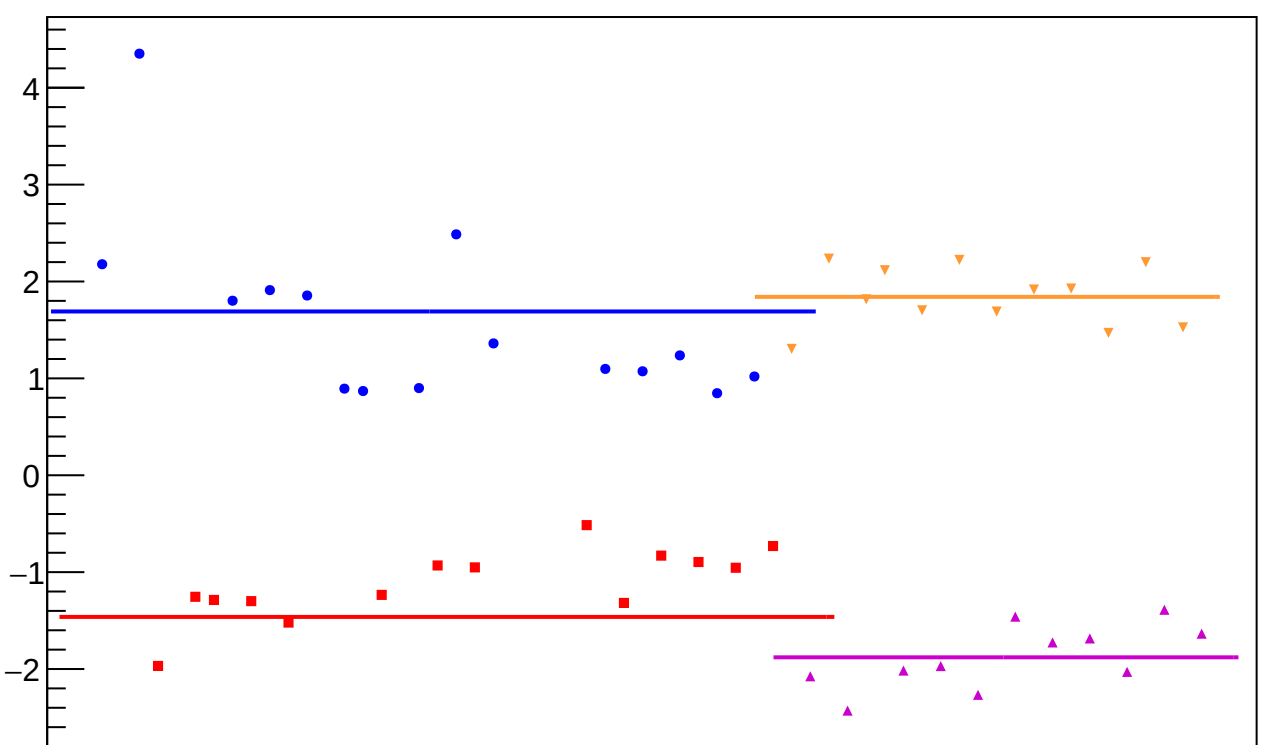
Right Out: -2.148+/-0.000 χ^2/NDF: 3093887336239378959606321931878400.0/15

Out: 1.316+/-0.000 χ^2/NDF:219948934261625392

Left In: -3.559+/-0.000 χ^2/NDF:6492667345109962540652165758713856.0/10

All: 0.065+/-0.000 χ^2/NDF: 49580185469382

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65477757468547027

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.841+/-0.000 χ^2/NDF:853386632133716013992078475264 00.0/11

In: -0.406+/-0.000 χ^2/NDF:556196517771187765

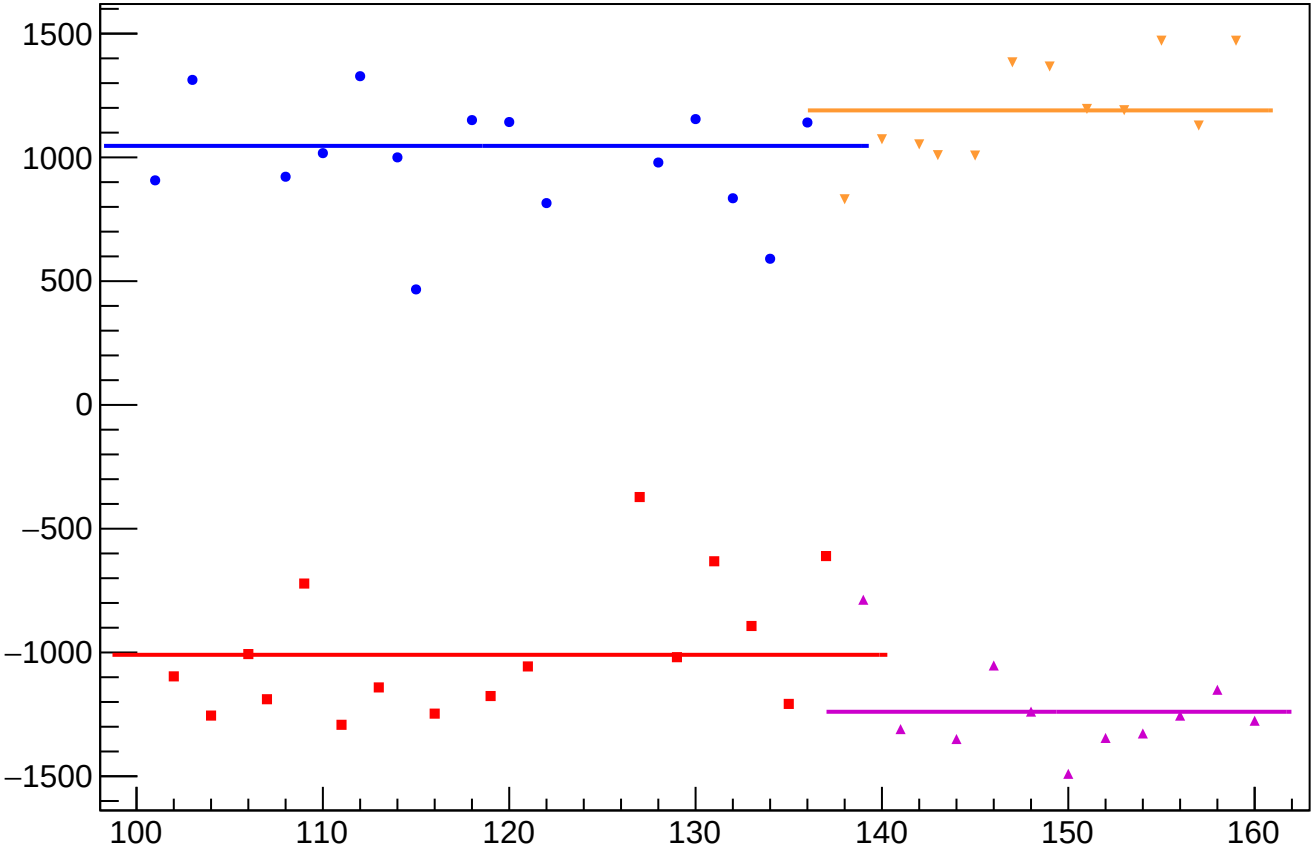
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.450+/-0.000 χ^2/NDF:474372194444709163

Left In: -1.879+/-0.000 χ^2/NDF:909680522681123096173429821276 16.0/10

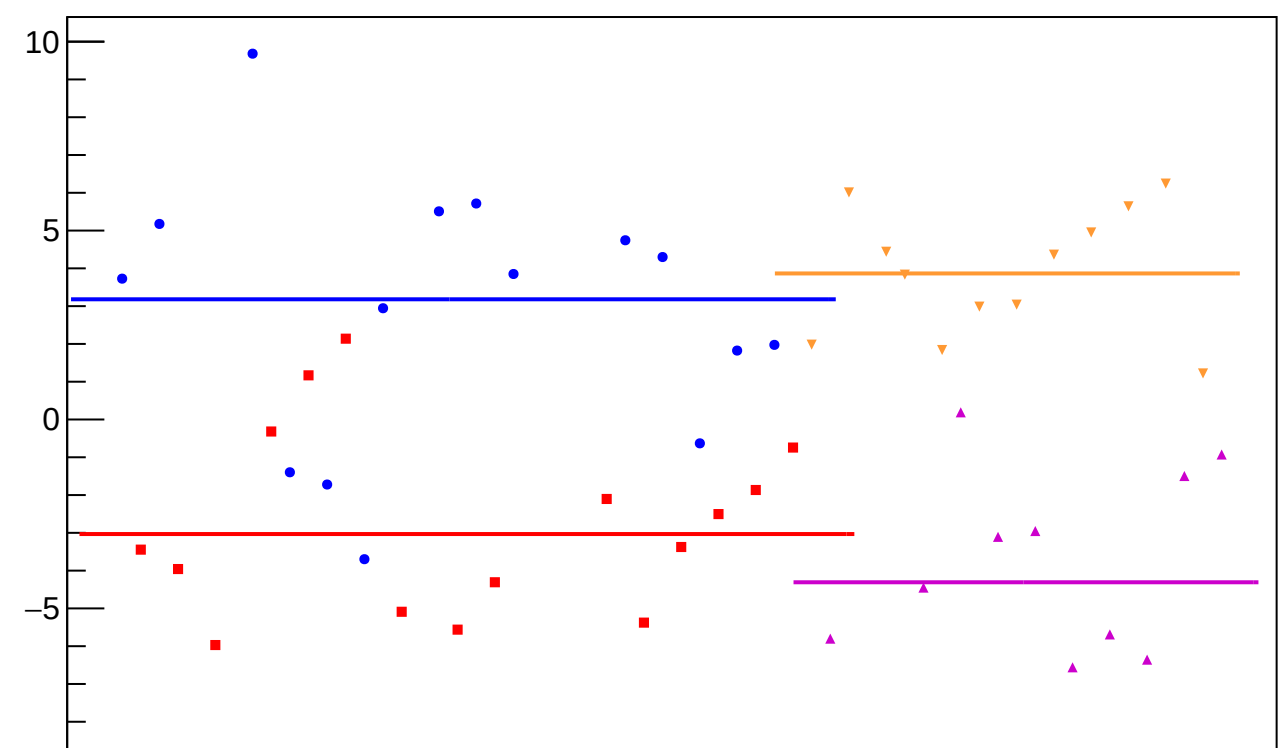
All: 0.024+/-0.000 χ^2/NDF: 1088493187133 5

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

Left Out: 3.865+/-0.000 χ^2/NDF:249802179242454281721420457810329 6.0/11

Right Out: -3.032+/-0.000 χ^2/NDF: 493720983137179394549654683333427 2.0/15

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

Left: -0.237+/-0.000 χ^2/NDF: 4032036361493267 6

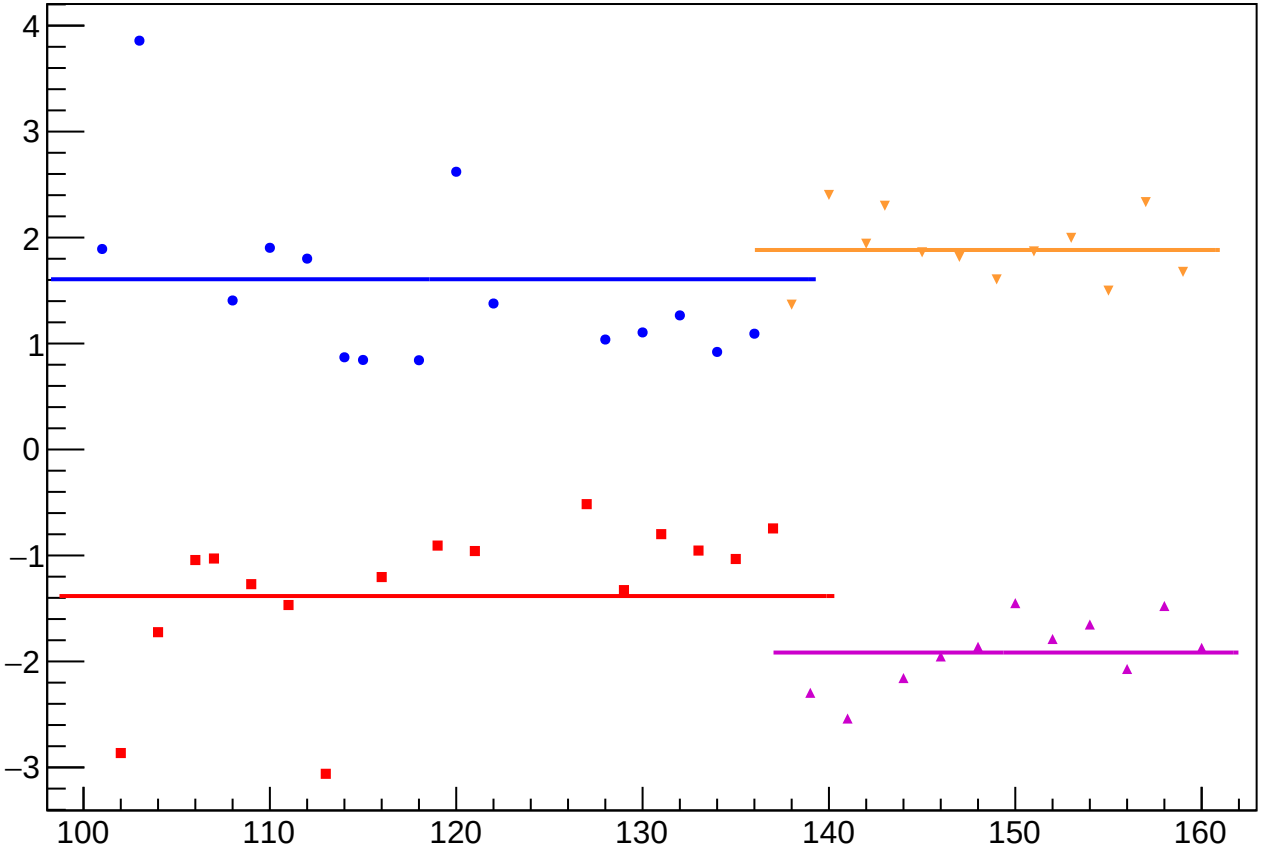
Right: 0.032+/-0.000 χ^2/NDF: 2346777156531399 0

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

Out: 0.961+/-0.000 χ^2/NDF:258037287584241486

All: -0.125+/-0.000 χ^2/NDF: 6384378527742

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 68309048623499406

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Right: 0.091+/-0.000 χ^2/NDF: 37590279045296247

Left Out: 1.883+/-0.000 χ^2/NDF:93981074591902245168022313500672.0/11

In: -0.463+/-0.000 χ^2/NDF:52869711711088575 9

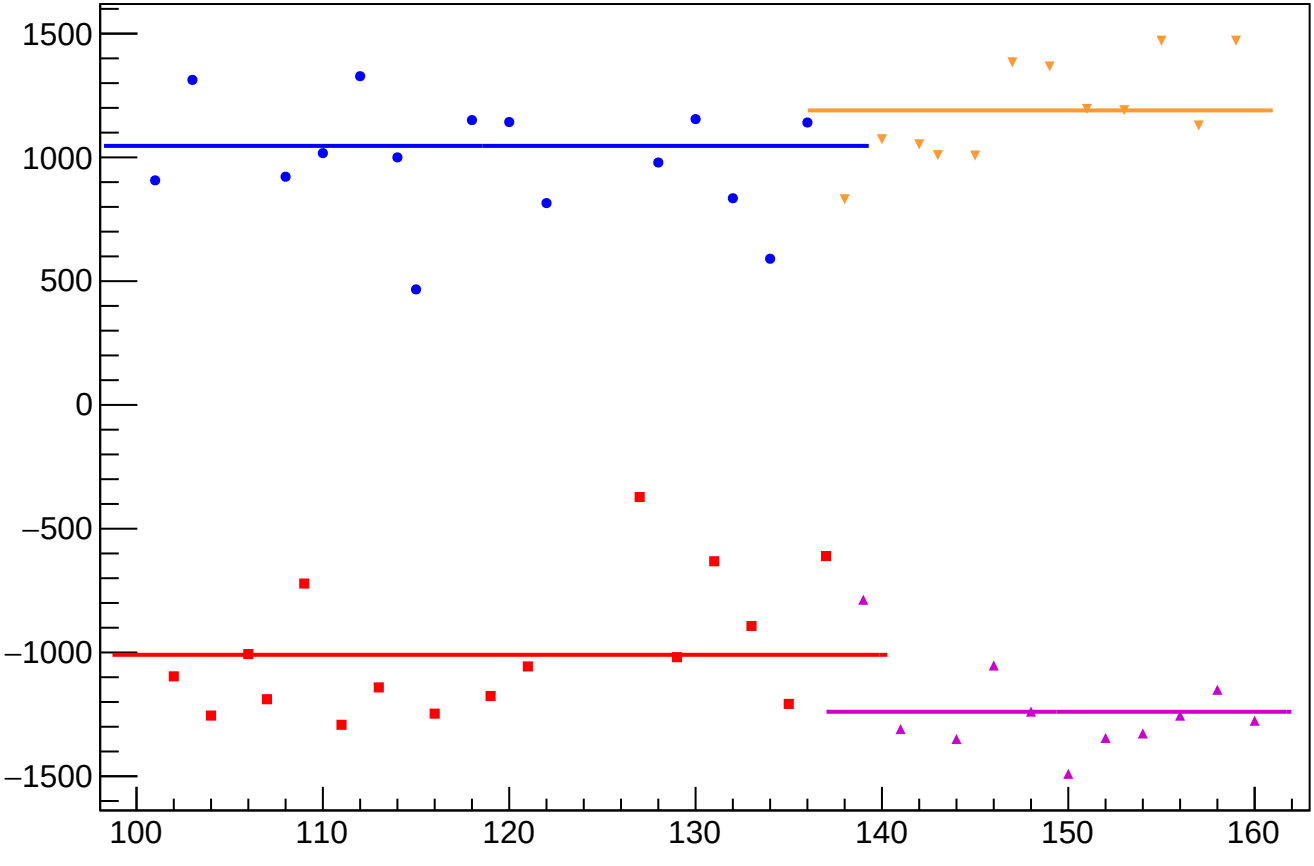
Right Out: -1.383+/-0.000 χ^2/NDF: 35834889701628620095765033779200 0.0/15

Out: 0.508+/-0.000 χ^2/NDF:4570147587666561 33

Left In: -1.916+/-0.000 χ^2/NDF:95276515809016209875699691945984.0/10

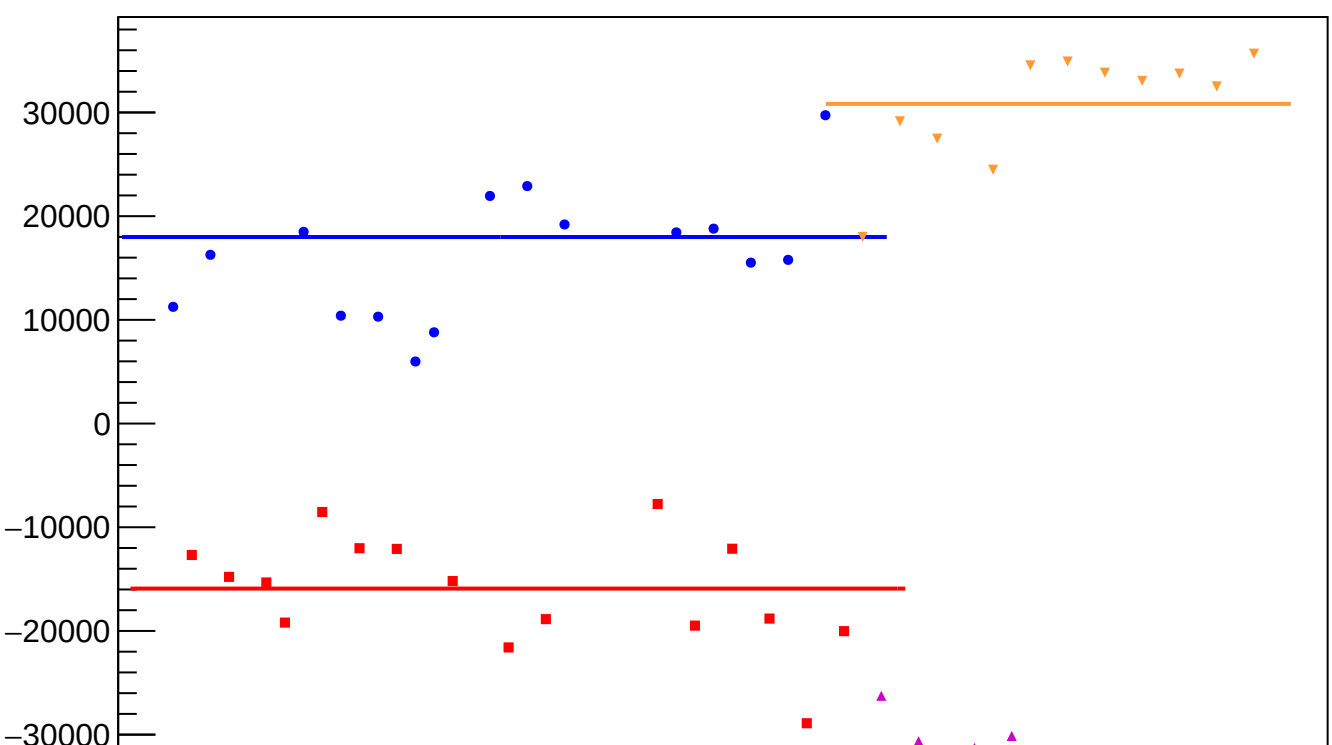
All: 0.024+/-0.000 χ^2/NDF: 1060013591097 5

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



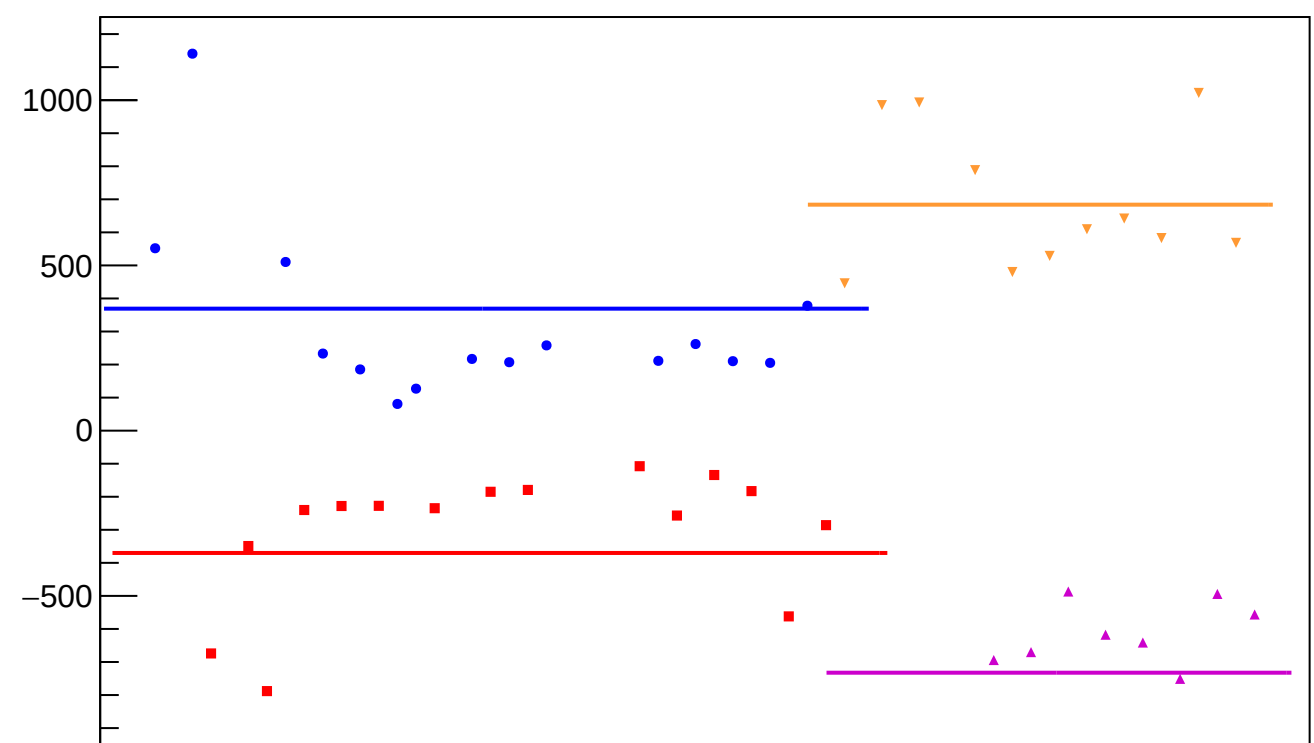
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_usl_coil1_mean vs Slug, Sign Corrected



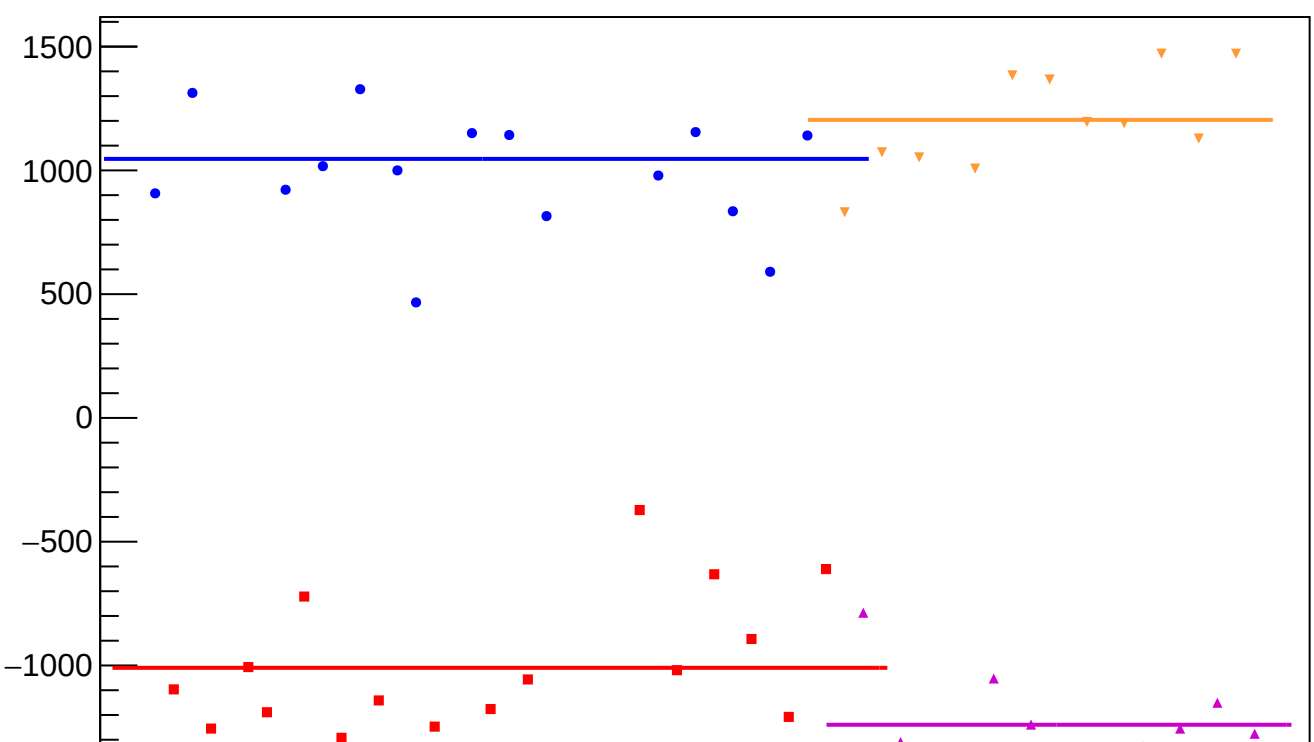
Left: -2129.611+/-0.000 χ^2/NDF: 18025044289596
Right In: 17988.185+/-0.000 χ^2/NDF: 24815111809984217103544001237552952508416.0/14
Right: 804.617+/-0.000 χ^2/NDF: 42286475662187
Left Out: 30828.996+/-0.000 χ^2/NDF:23225941804061934913195205321671126810624.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 19954189674705952707042287416087223992320.0/15
Out: 10276.328+/-0.000 χ^2/NDF:8597908531512
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -879.953+/-0.000 χ^2/NDF: 22318740534

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.836+/-0.000 χ^2/NDF: 9618173038927167
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 683.818+/-0.000 χ^2/NDF:33889213327859325358647069977975193600.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 48214462907052107543037037125316902912.0/15
Out: 220.432+/-0.000 χ^2/NDF:4972162872039721
Left In: -732.414+/-0.000 χ^2/NDF:39942105840529115736569596950263889920.0/10
All: -33.257+/-0.000 χ^2/NDF: 123961521761

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.704+/-0.000 χ^2/NDF: 2705916714398658

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1204.078+/-0.000 χ^2/NDF:3312337571426764622034743421814439936 0.0/10

In: -296.360+/-0.000 χ^2/NDF:204629200913052 7

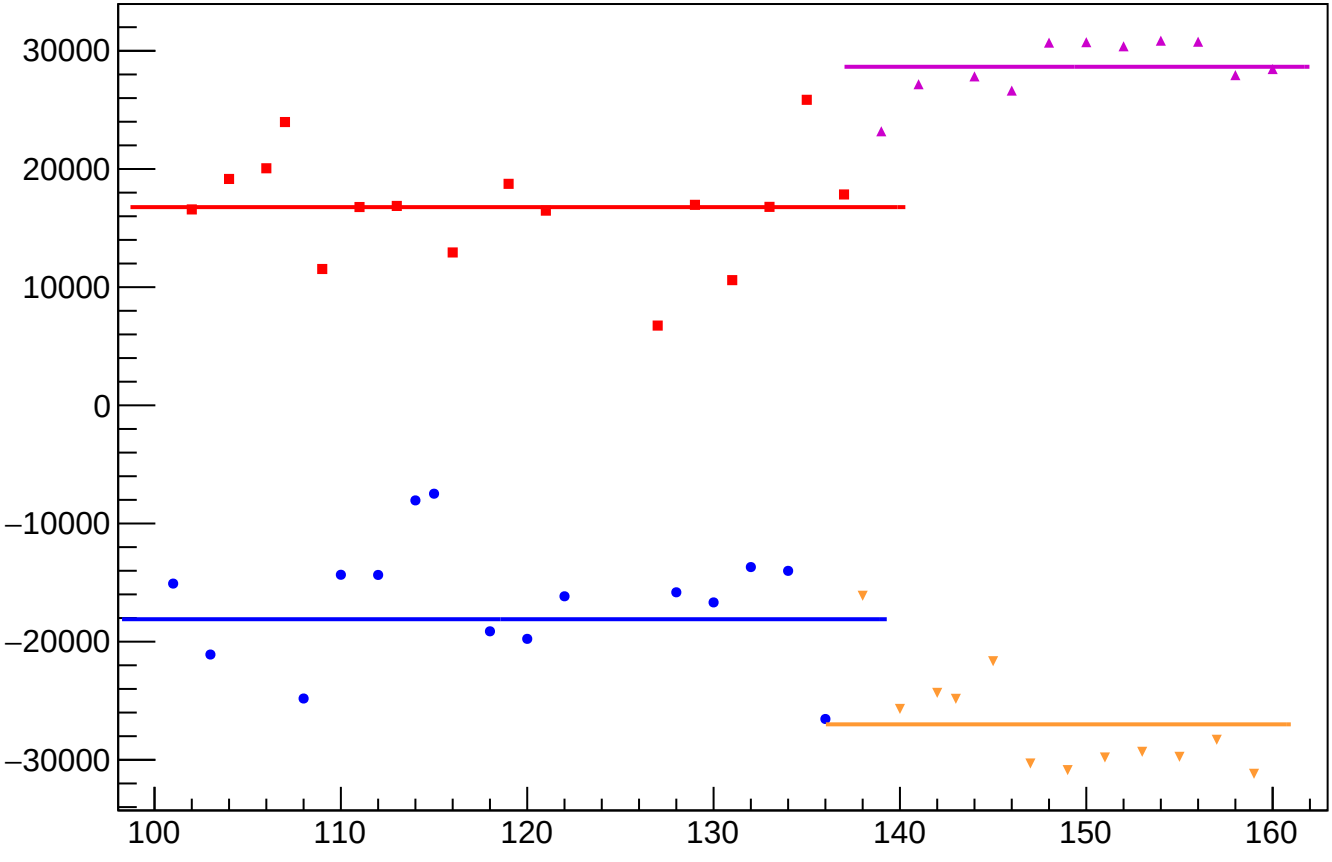
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 230.828+/-0.000 χ^2/NDF:190889009786300 1

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.543+/-0.000 χ^2/NDF: 41698106749 6

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 932.640+/-0.000 χ^2/NDF: 1447675891071353

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Right: -425.015+/-0.000 χ^2/NDF: 4289286358261 3

Left Out: -26996.716+/-0.000 χ^2/NDF:1764633321621440442009639448668150956032 0.0/11

In: 9361.516+/-0.000 χ^2/NDF:852714786238125 5

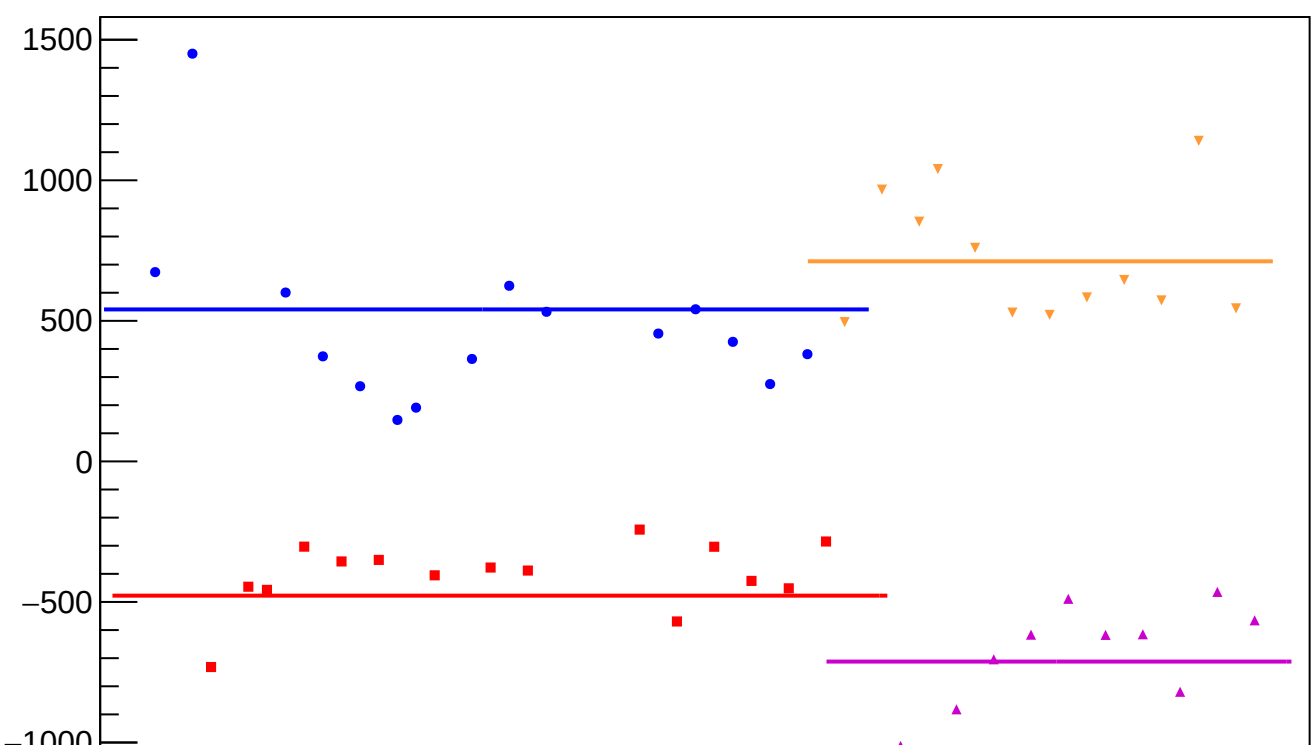
Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Out: -8565.653+/-0.000 χ^2/NDF:7716555075884 9

Left In: 28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

All: 366.700+/-0.000 χ^2/NDF: 1878019062 56

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 711.811+/-0.000 χ^2/NDF:4288675510353598988827843944304024023 04.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.848+/-0.000 χ^2/NDF: 10101220835843143

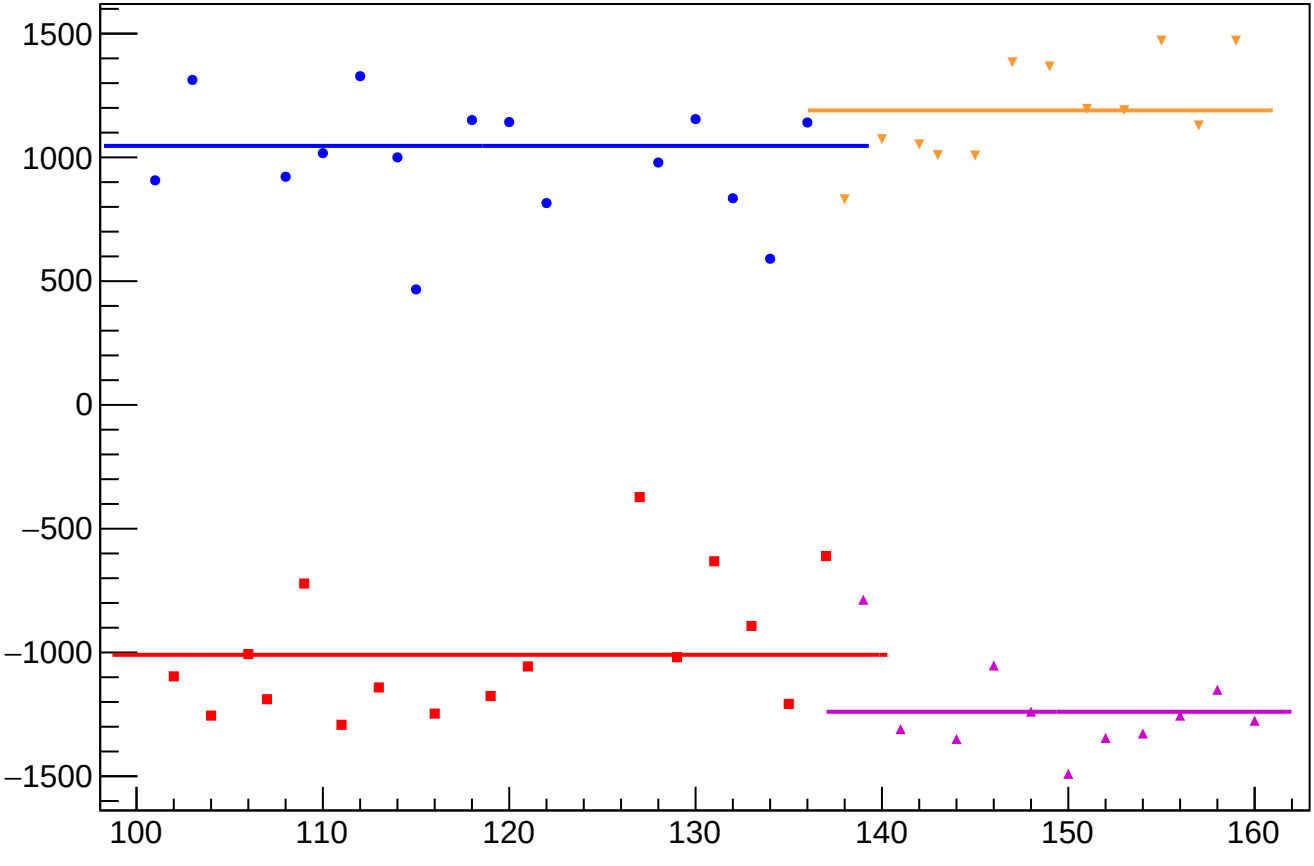
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 210.989+/-0.000 χ^2/NDF:6279009475776800

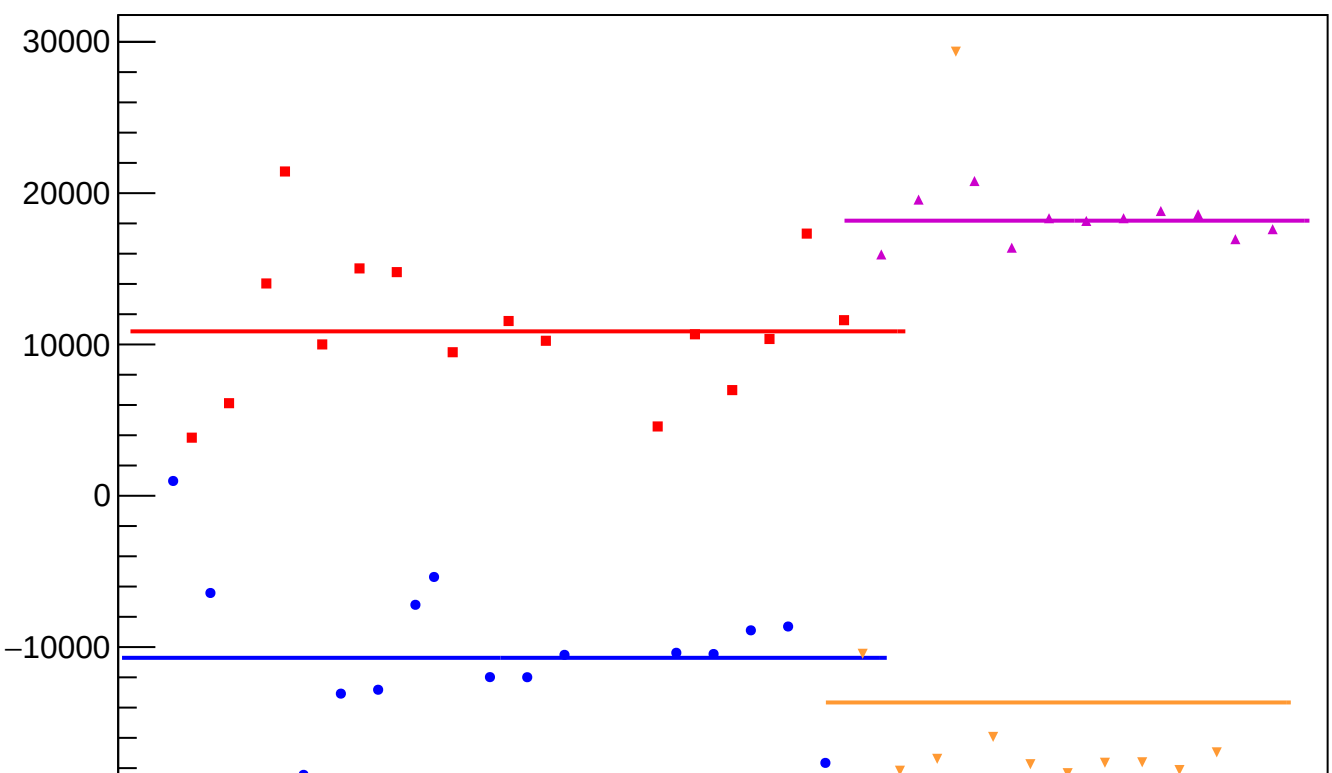
All: 8.592+/-0.000 χ^2/NDF: 1455071786509 6

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:194774148077866 7
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2320.964+/-0.000 χ^2/NDF: 606291723973151

Right In: -10710.292+/-0.000 χ^2/NDF: 16945226152053511840482618402250170564608.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13660.650+/-0.000 χ^2/NDF:1379968999585116089211263214590379551621 12.0/11

In: 6261.113+/-0.000 χ^2/NDF:3368158572328033

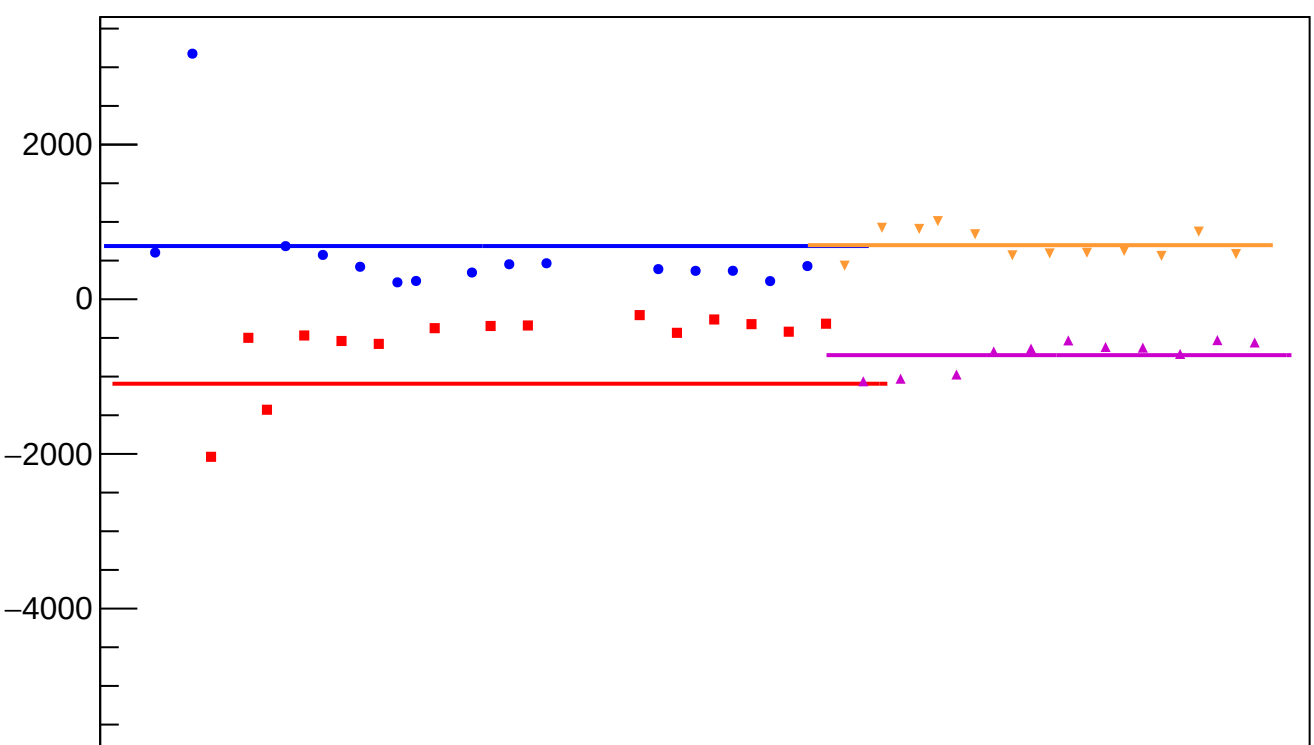
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3332.713+/-0.000 χ^2/NDF:38451914020075

Left In: 18181.504+/-0.000 χ^2/NDF:16436171835726478688189142891628383436 80.0/10

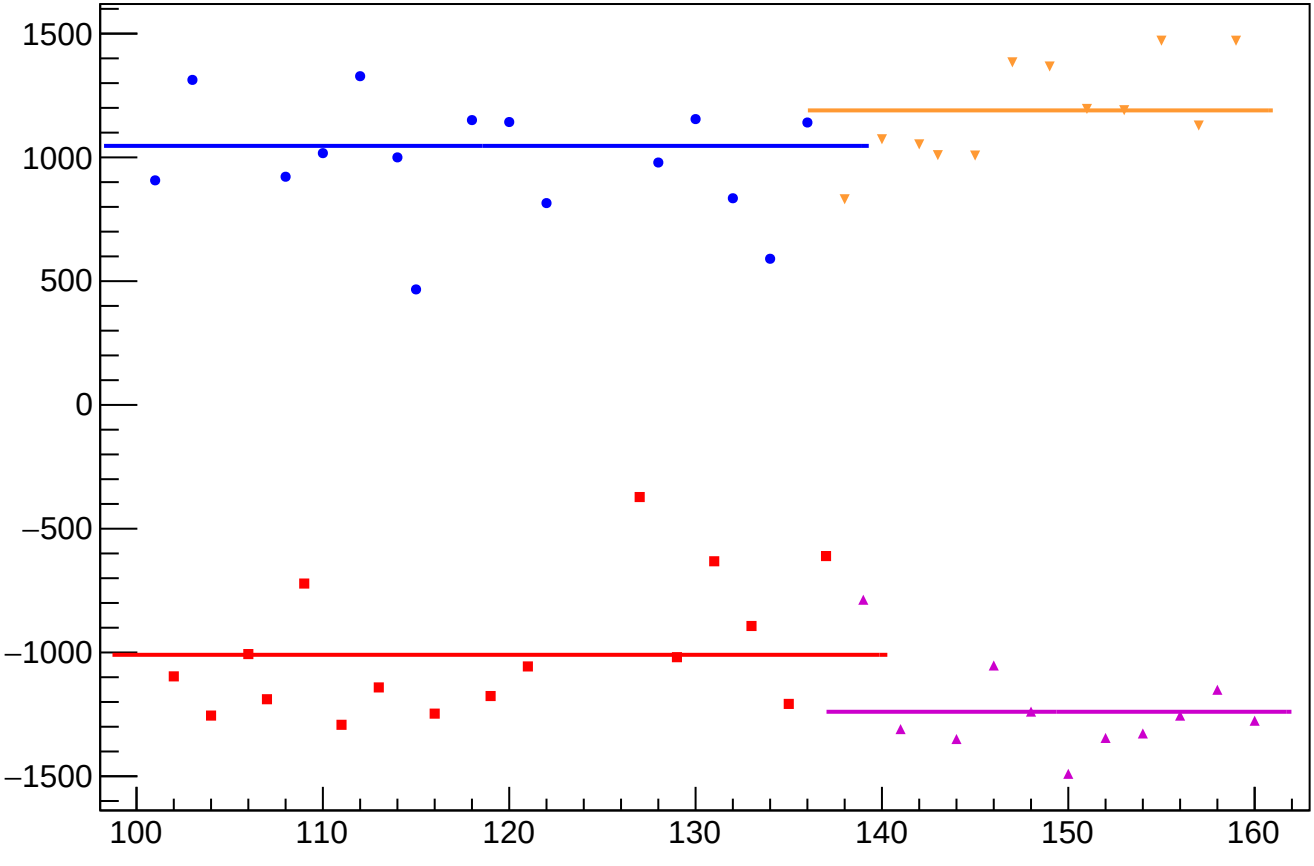
All: 1447.486+/-0.000 χ^2/NDF: 7939778643

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



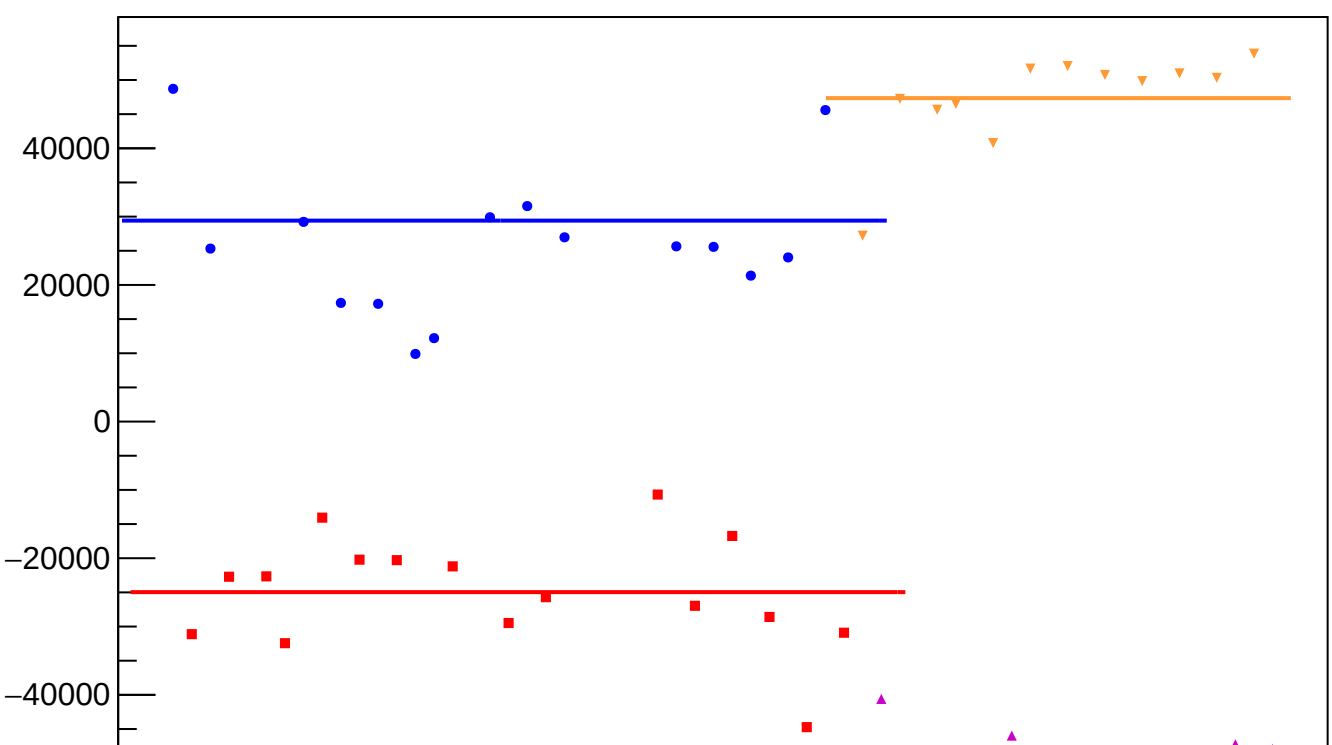
Left: -14.311+/-0.000 χ^2/NDF: 9929833026488595
Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14
Right: -214.338+/-0.000 χ^2/NDF: 33349422342847
Left Out: 699.529+/-0.000 χ^2/NDF:2828281313090390925608839626446444953 6.0/11
In: -140.714+/-0.000 χ^2/NDF:1201648470022181
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15
Out: -54.970+/-0.000 χ^2/NDF:3151179743524573
Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10
All: -97.692+/-0.000 χ^2/NDF: 435863069477

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -1502.811+/-0.000 χ^2/NDF: 44184845267943

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47346.512+/-0.000 χ^2/NDF:4516187384513847129988968550714226769920 0.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

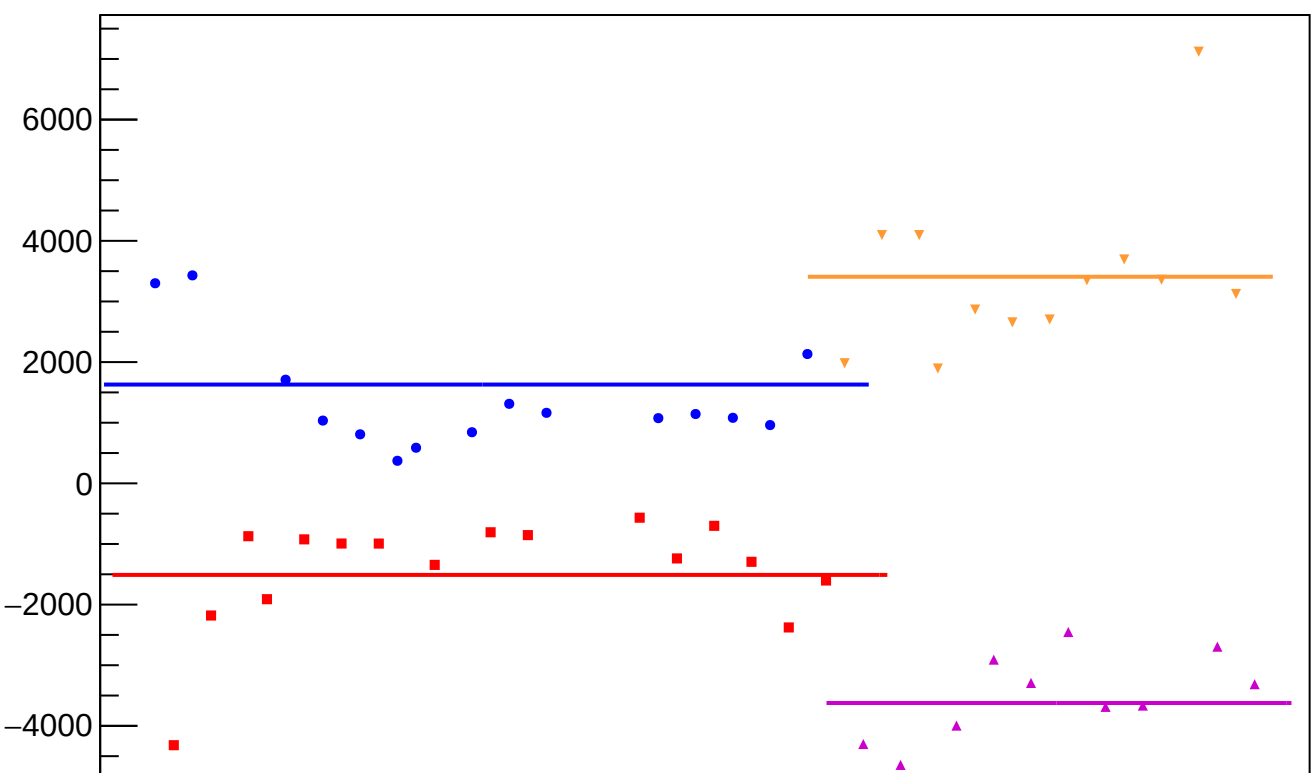
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

Out: 16897.995+/-0.000 χ^2/NDF:2109768599730 3

Left In: -49982.063+/-0.000 χ^2/NDF:1350582101930560384612112134471797021081 6.0/10

All: -103.303+/-0.000 χ^2/NDF: 5517221367 2

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 3407.741+/-0.000 χ^2/NDF:1584870057929033939797166763050451075072.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.043+/-0.000 χ^2/NDF: 248736351703932

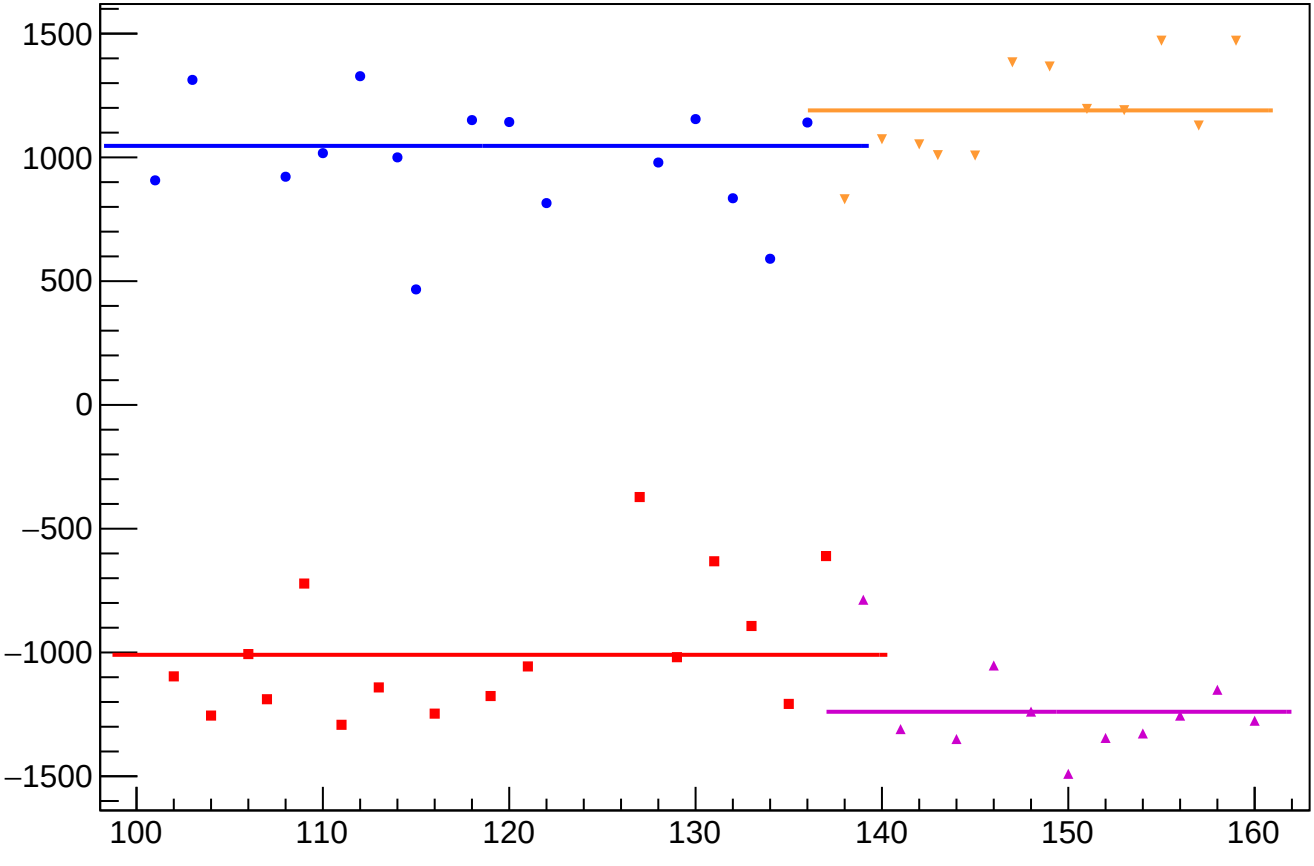
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1336.827+/-0.000 χ^2/NDF:116125915857327

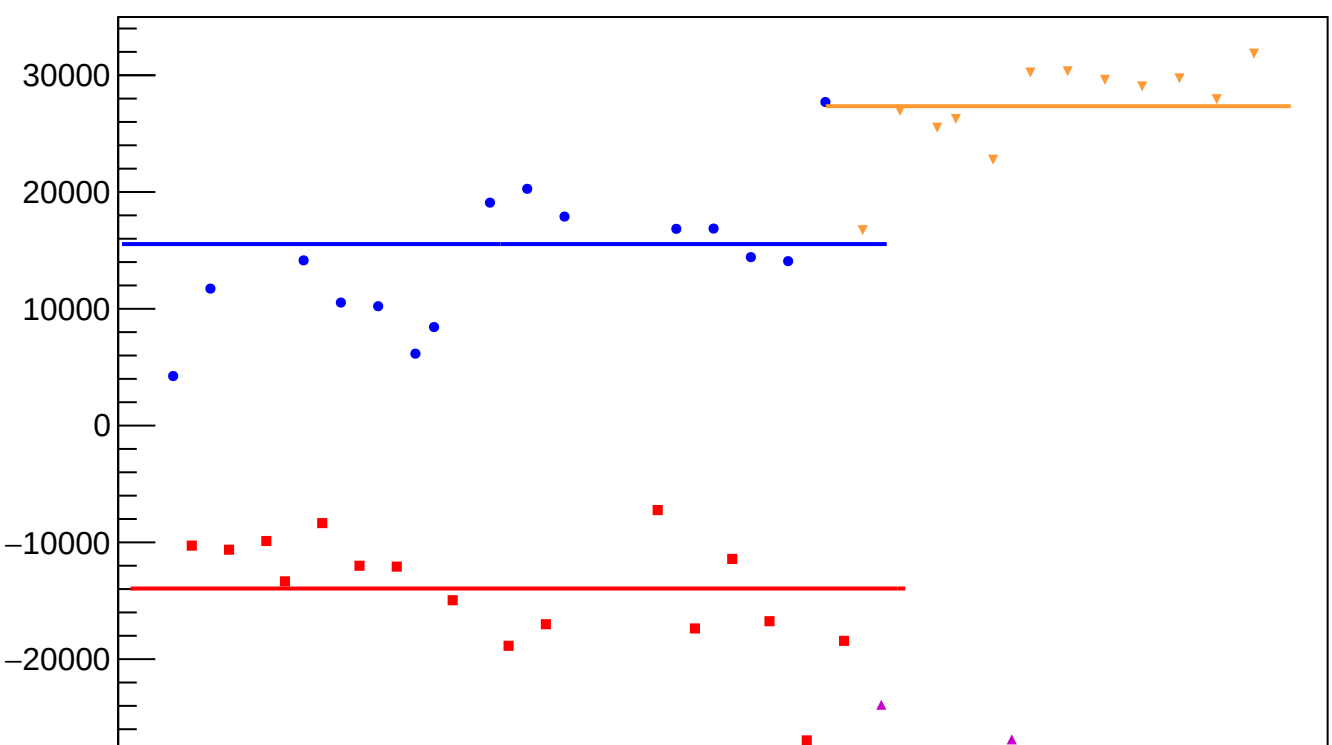
All: -54.683+/-0.000 χ^2/NDF: 293759152191

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



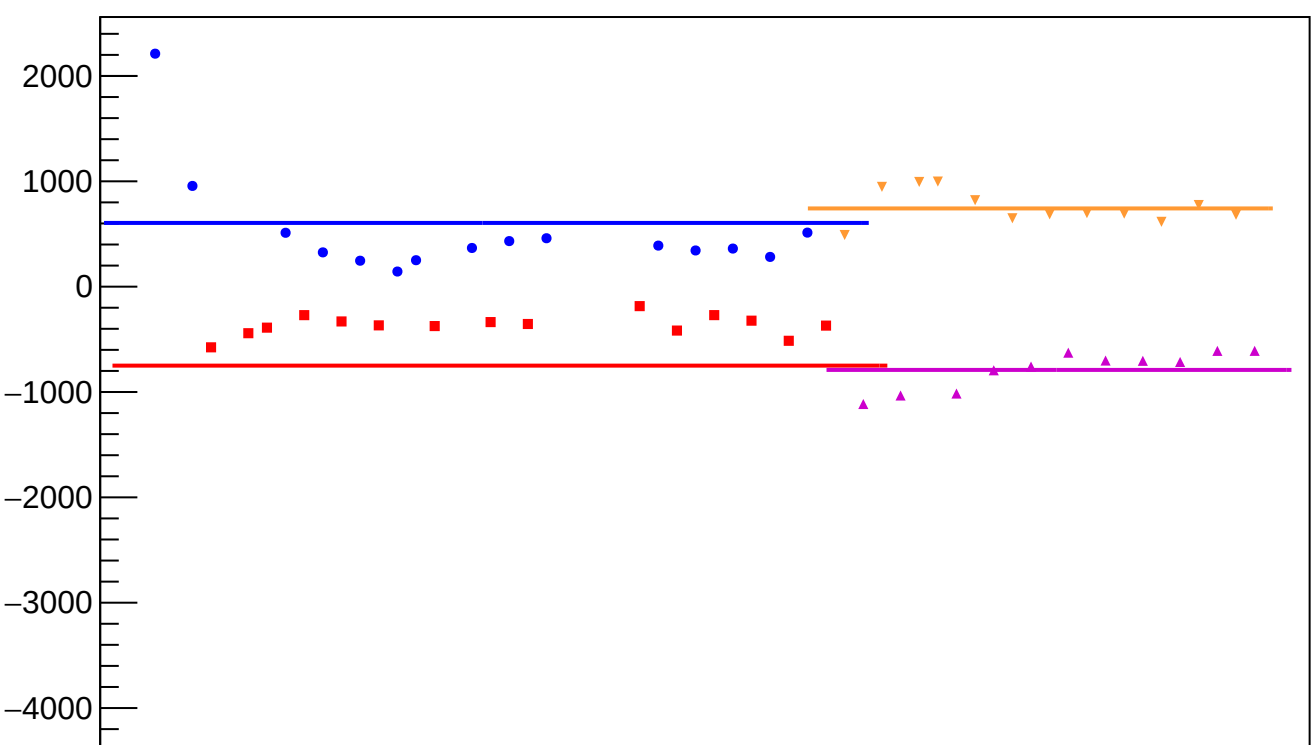
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atr1_coil1_mean vs Slug, Sign Corrected



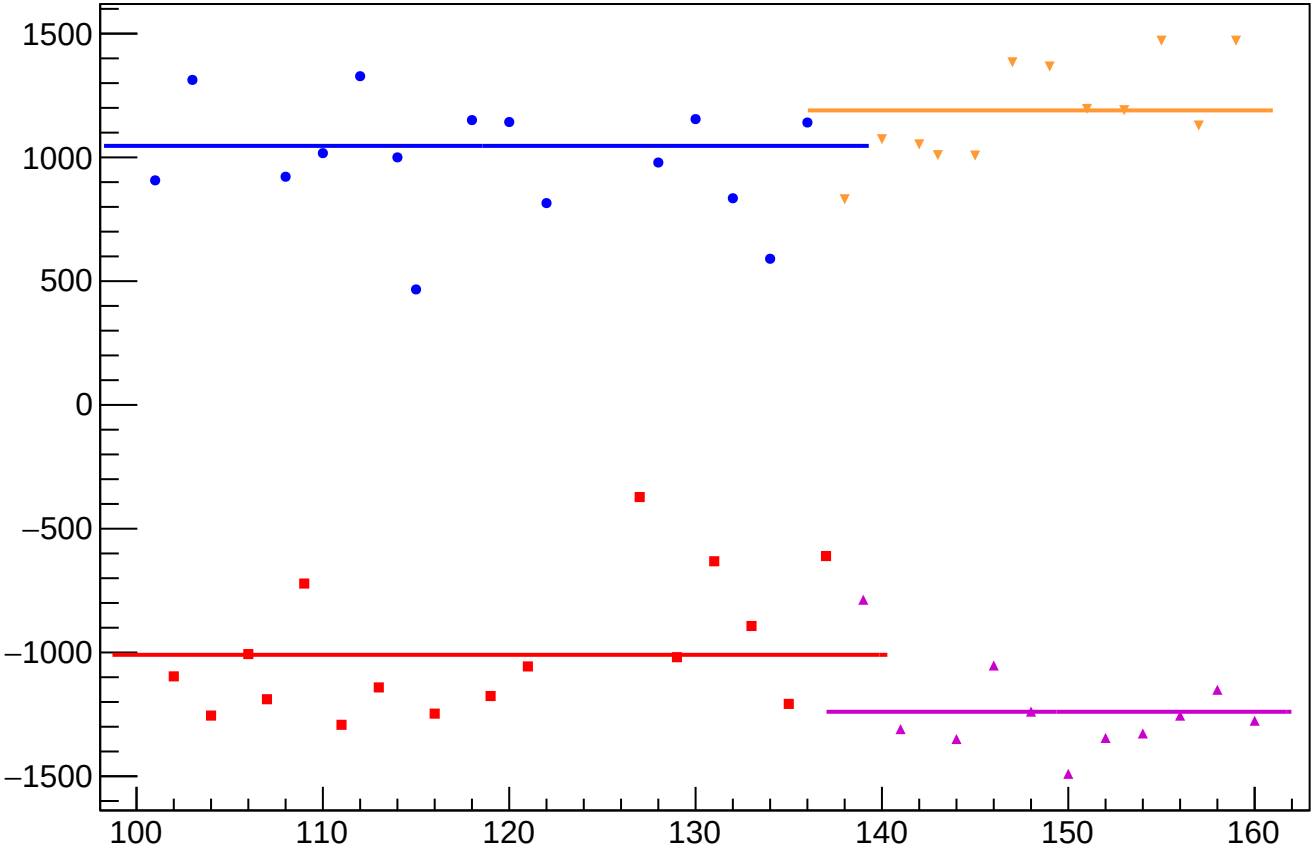
Left: -872.866+/-0.000 χ^2/NDF: 147393231652070
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27349.847+/-0.000 χ^2/NDF:1488345691738606226777617231939371008000 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9958.308+/-0.000 χ^2/NDF:690517876492303
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -261.903+/-0.000 χ^2/NDF: 18060333909

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



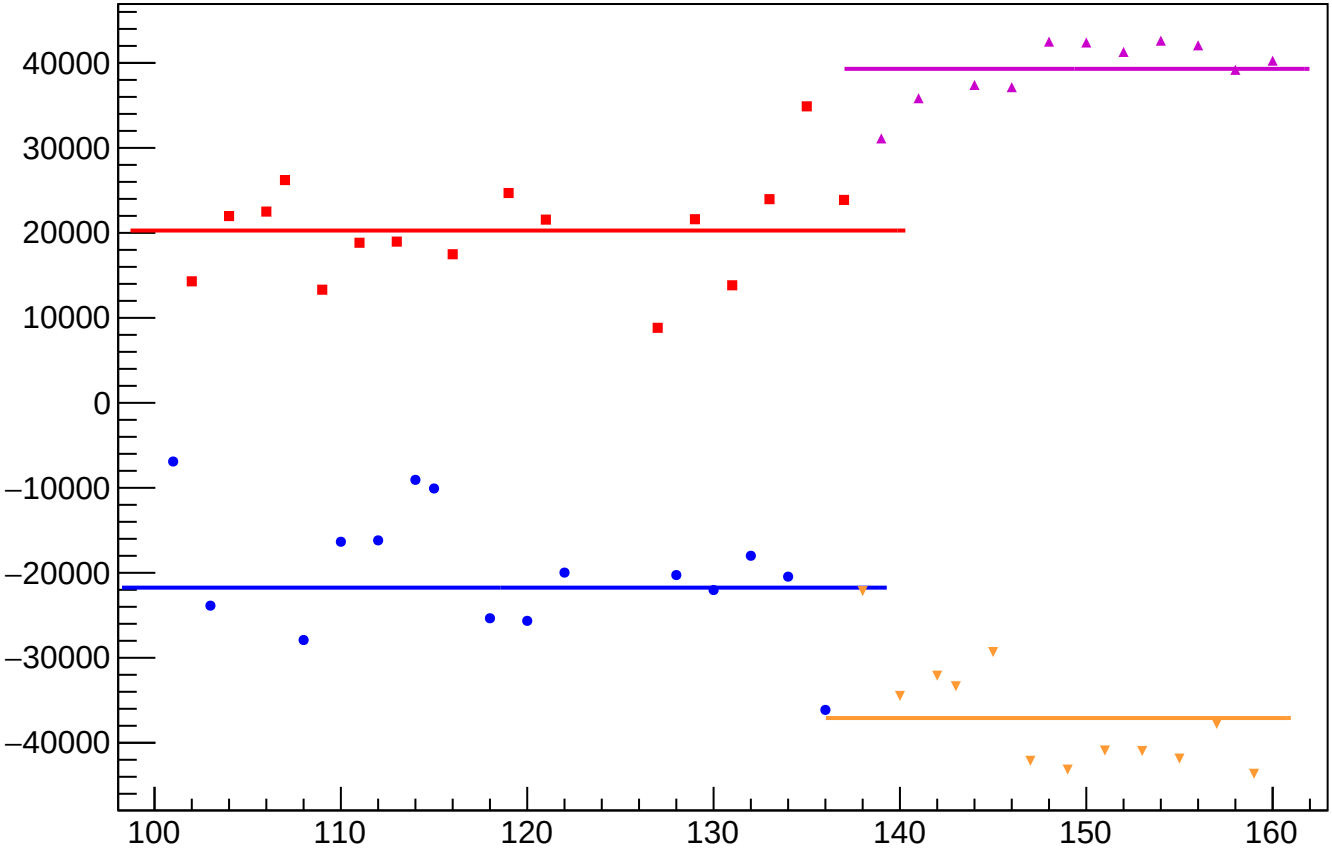
Left: -26.782+/-0.000 χ^2/NDF: 1127883127865670
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 742.547+/-0.000 χ^2/NDF:191330728406604744374850497810530304 00.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
Out: 114.233+/-0.000 χ^2/NDF:190020407285658 4
Left In: -790.283+/-0.000 χ^2/NDF:273759951630115601013491669494378004 48.0/10
All: -49.607+/-0.000 χ^2/NDF: 294454152400

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atr2_coil1_mean vs Slug, Sign Corrected



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Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

Right: -446.610+/-0.000 χ^2/NDF: 64780902874572

Left Out: -37089.024+/-0.000 χ^2/NDF:37696615174692315635920208068597564571648.0/11

In: 14114.985+/-0.000 χ^2/NDF:147263048816292

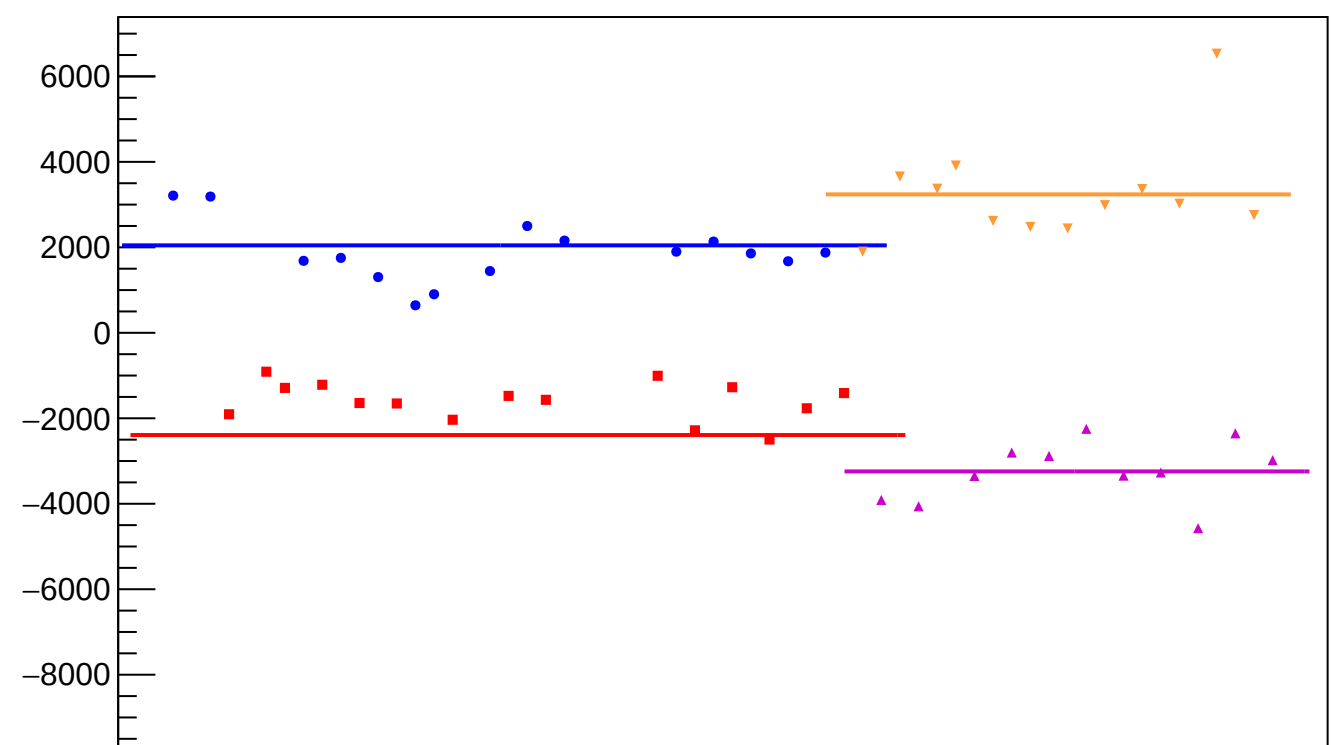
Right Out: 20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

Out: -12933.670+/-0.000 χ^2/NDF:1334281188451

Left In: 39301.203+/-0.000 χ^2/NDF:1089055719582848065585087315611645221273 6.0/10

All: 543.534+/-0.000 χ^2/NDF: 33843434379 2

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.721+/-0.000 χ^2/NDF: 2096239357202295

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Right: -203.146+/-0.000 χ^2/NDF: 11161426338405

Left Out: 3238.684+/-0.000 χ^2/NDF:120093539003484706140361062185464915558 4.0/11

In: -1060.961+/-0.000 χ^2/NDF:113570353346731

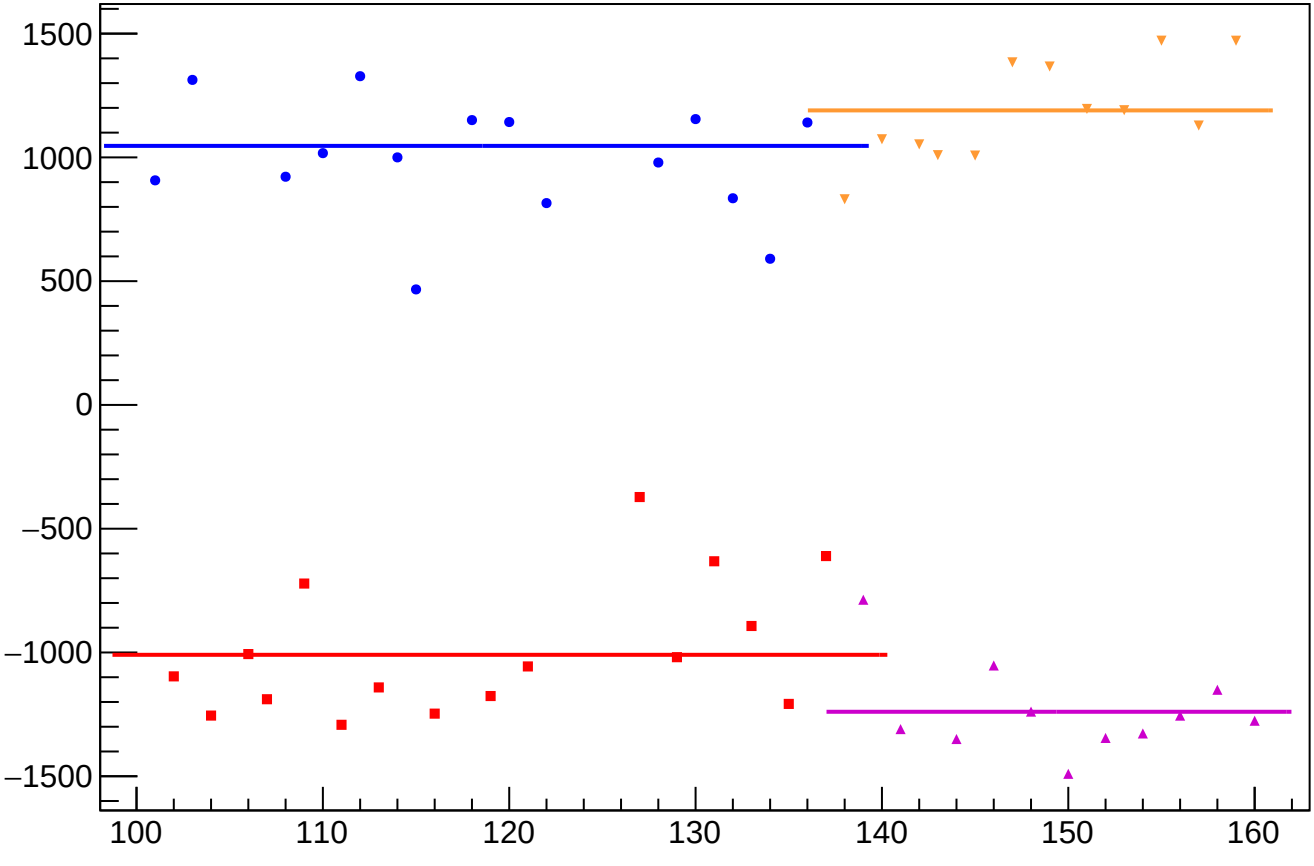
Right Out: -2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981 9008.0/15

Out: 867.708+/-0.000 χ^2/NDF:178582435378590 7

Left In: -3243.479+/-0.000 χ^2/NDF:422752345809564414875941115453230809088.0/10

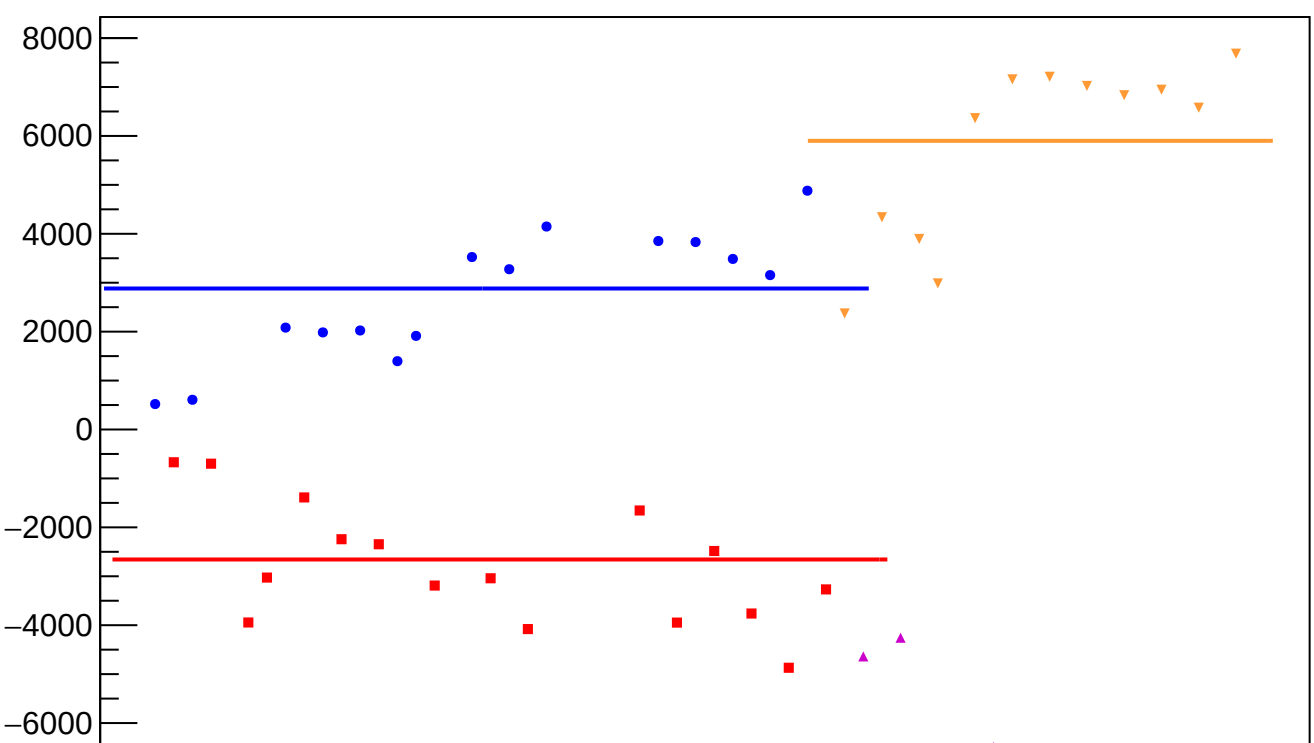
All: -93.266+/-0.000 χ^2/NDF: 321510662885

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -337.897+/-0.000 χ^2/NDF: 747947323743594

Right In: 2881.935+/-0.000 χ^2/NDF: 13203193914965255336920823658788348231 68.0/14

Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623

Left Out: 5900.145+/-0.000 χ^2/NDF:2757689906494435175416115853599080185856.0/11

In: -2645.979+/-0.000 χ^2/NDF:360226231142325

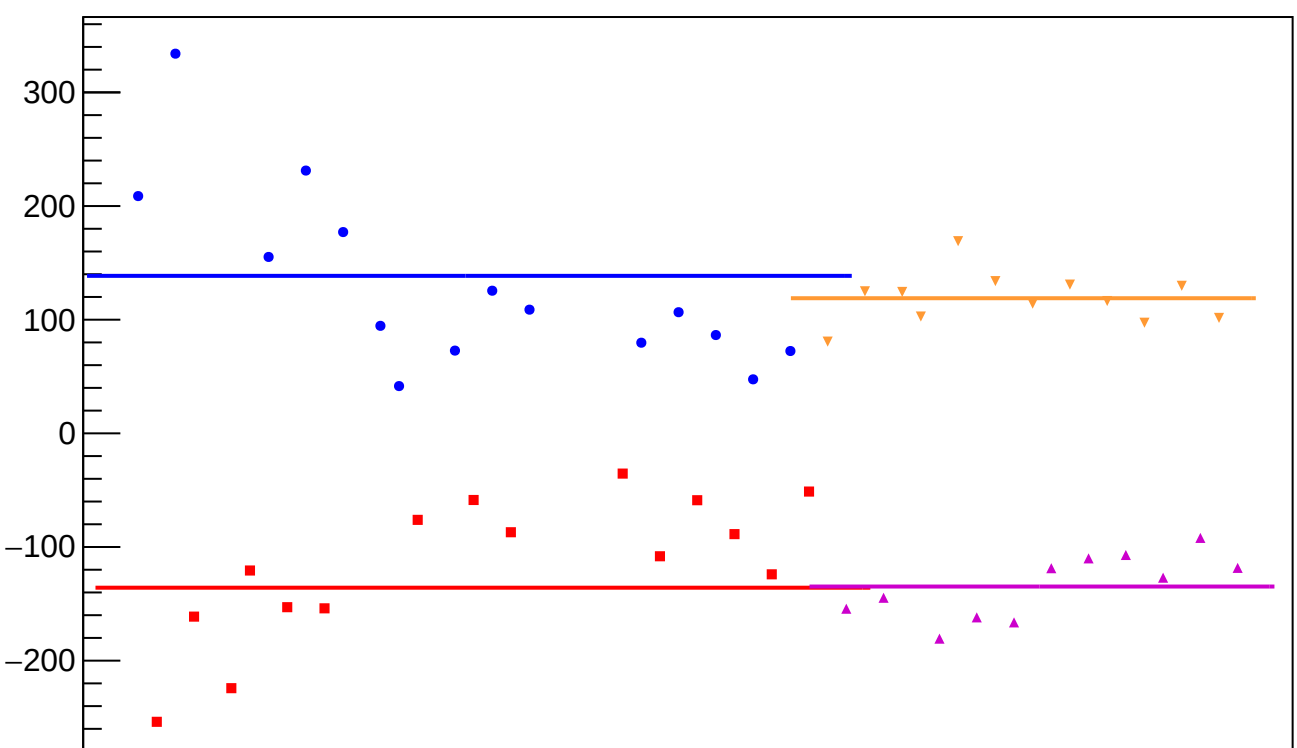
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

Out: 2296.887+/-0.000 χ^2/NDF:321095308179626

Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

All: -165.935+/-0.000 χ^2/NDF: 87414816042

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.429+/-0.000 χ^2/NDF: 30748748835801659

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 118.892+/-0.000 χ^2/NDF:4413313406022383777987486660878668368.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624

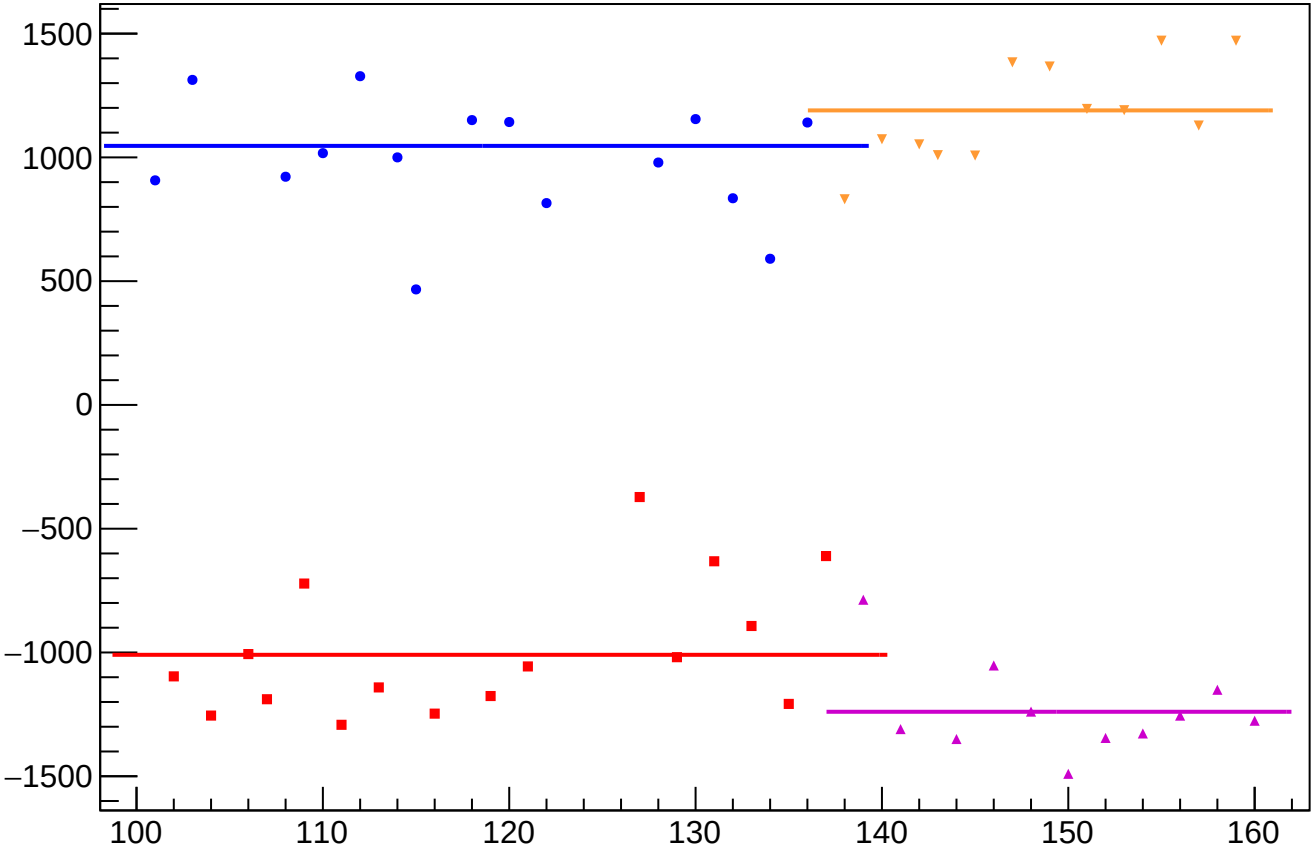
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.641+/-0.000 χ^2/NDF:2944724403626758

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

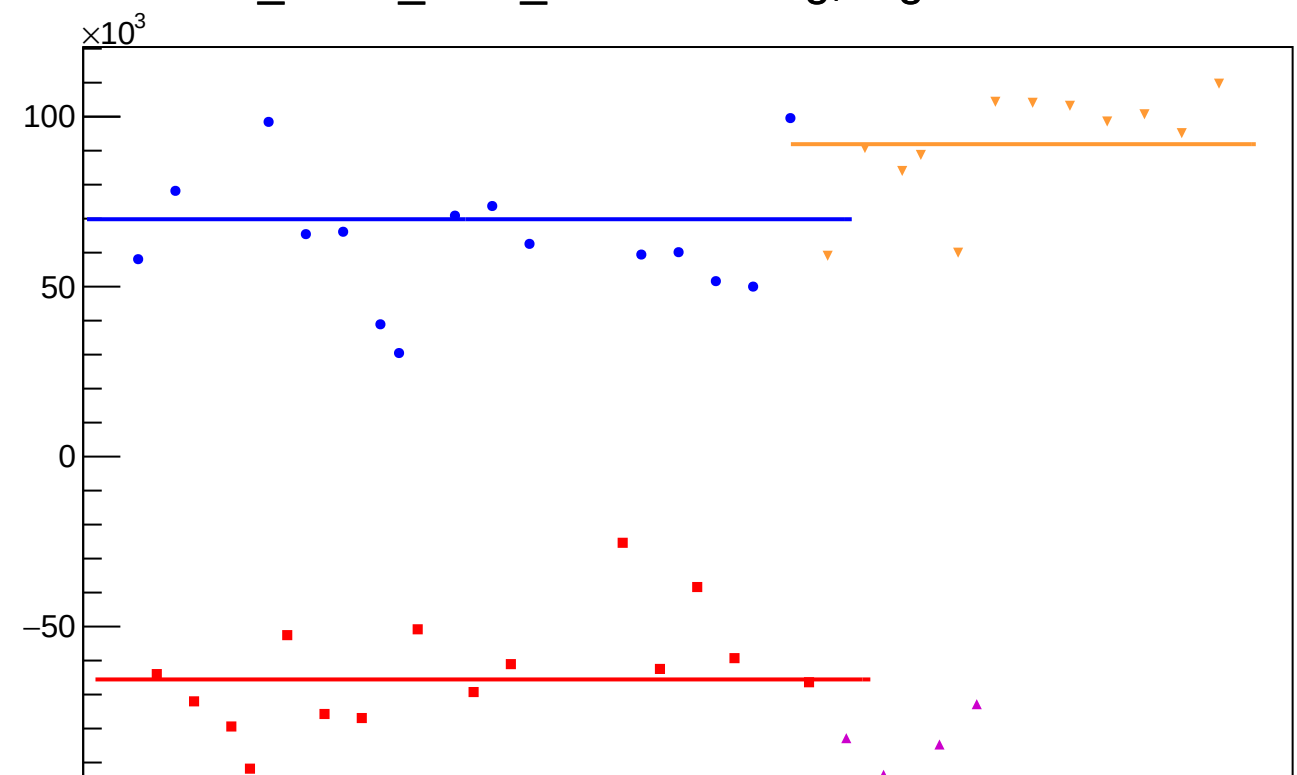
All: -5.121+/-0.000 χ^2/NDF: 6376084521741

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2276.957+/-0.000 χ^2/NDF: 16550956478626

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 91909.028+/-0.000 χ^2/NDF:240792875976910962309751824422513810604032.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

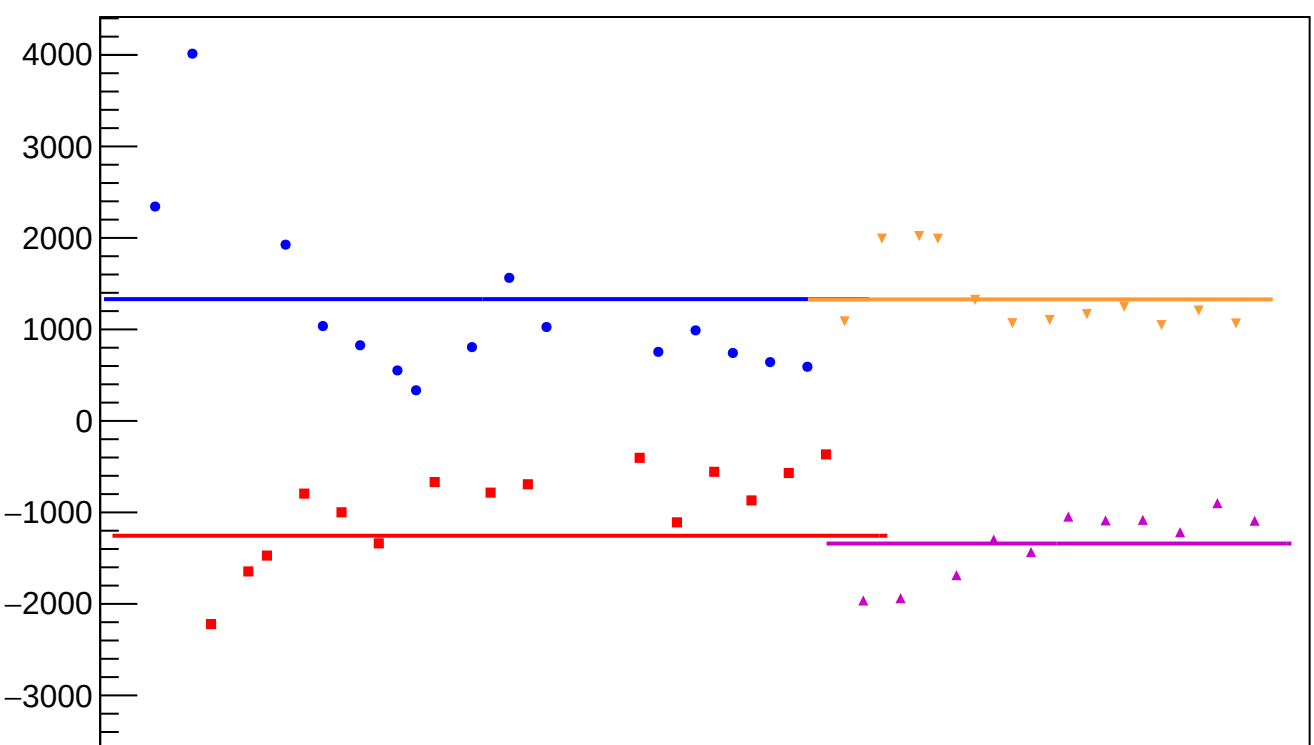
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25603.090+/-0.000 χ^2/NDF:10027016853732

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

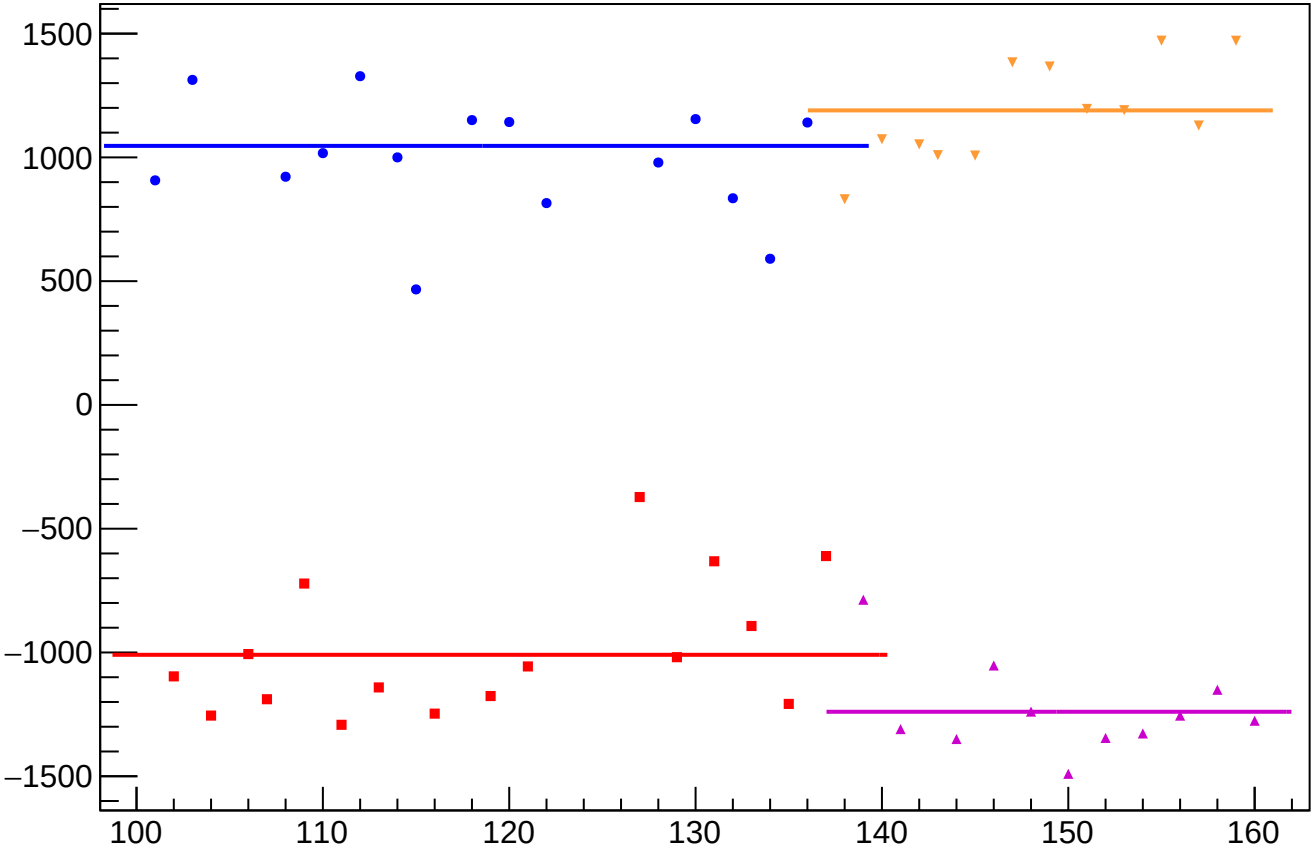
All: -823.225+/-0.000 χ^2/NDF: 22989056744

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



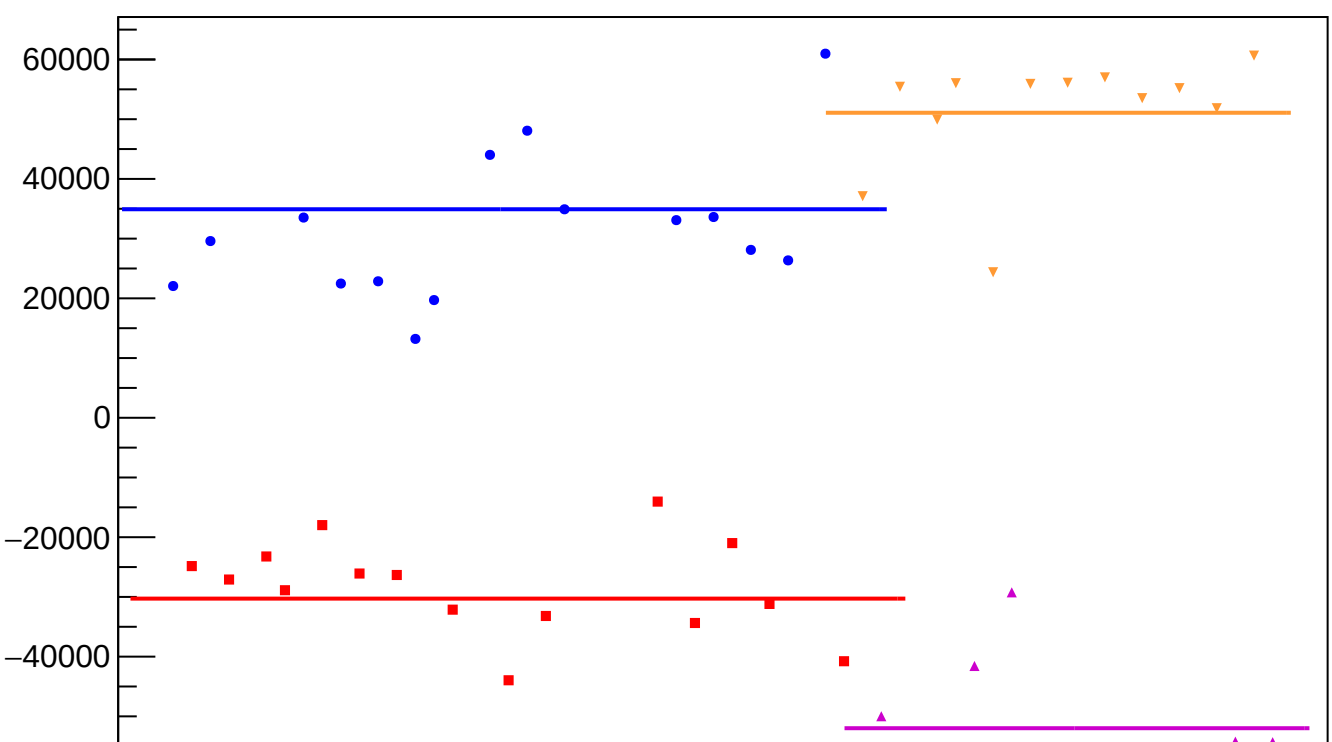
Left: -11.011+/-0.000 χ^2/NDF: 3508881544765835
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1328.309+/-0.000 χ^2/NDF:1173462879673869583038597951016235171 84.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 240.569+/-0.000 χ^2/NDF:3326101384624055
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.065+/-0.000 χ^2/NDF: 6990705969475 3

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -649.170+/-0.000 χ^2/NDF: 504816282334630

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51078.913+/-0.000 χ^2/NDF:921715661836320083674903995531020268994 56.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

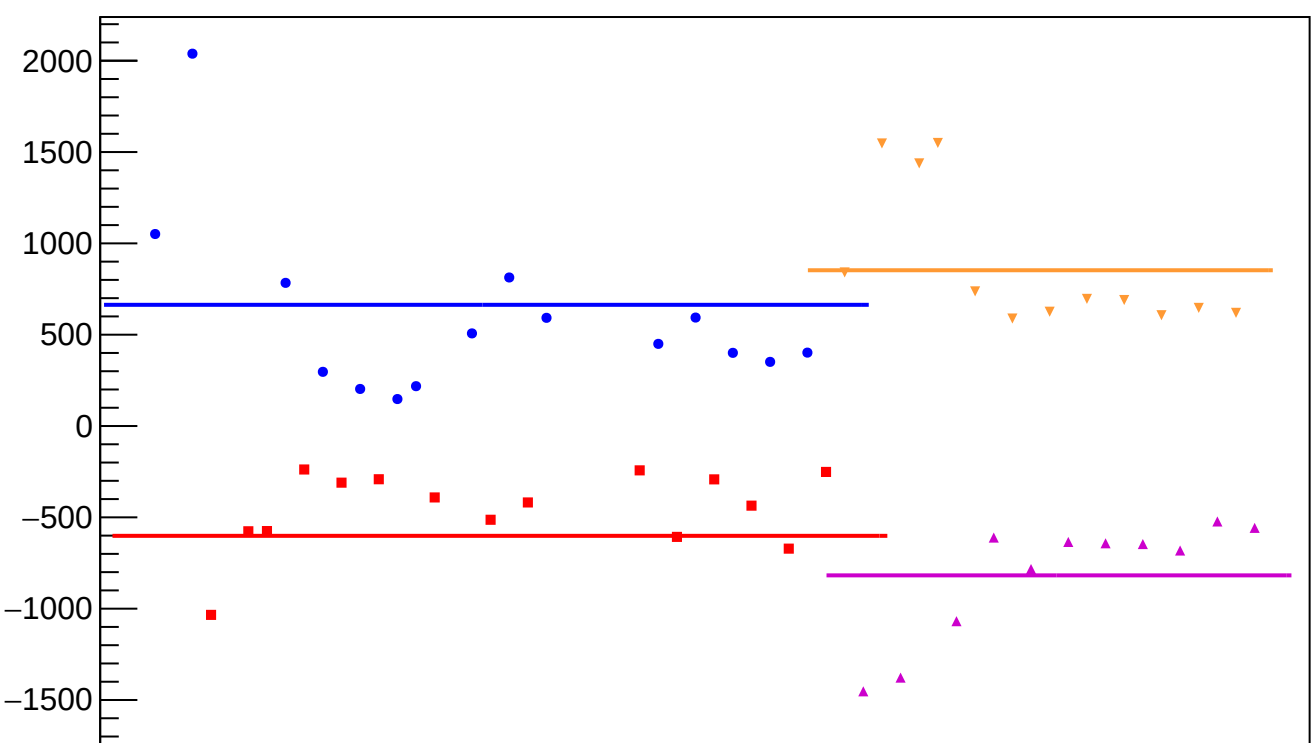
Right Out: -30282.373+/-0.000 χ^2/NDF: 883461652665931266275989516935060730675 20.0/15

Out: 16818.826+/-0.000 χ^2/NDF:27366045807706

Left In: -51985.374+/-0.000 χ^2/NDF:671725875795188633795041321162946767749 12.0/10

All: 402.100+/-0.000 χ^2/NDF: 664619739497

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 663.574+/-0.000 χ^2/NDF: 157691812872720822886914966597312446464.0/14

Left Out: 852.828+/-0.000 χ^2/NDF:115391521173207267272974066416613326848.0/11

Right Out: -601.216+/-0.000 χ^2/NDF: 149717884331889332339995334350831878144.0/15

Left In: -817.657+/-0.000 χ^2/NDF:904295487237156633268052990768111943 68.0/10

Left: 14.410+/-0.000 χ^2/NDF: 1490138591504009

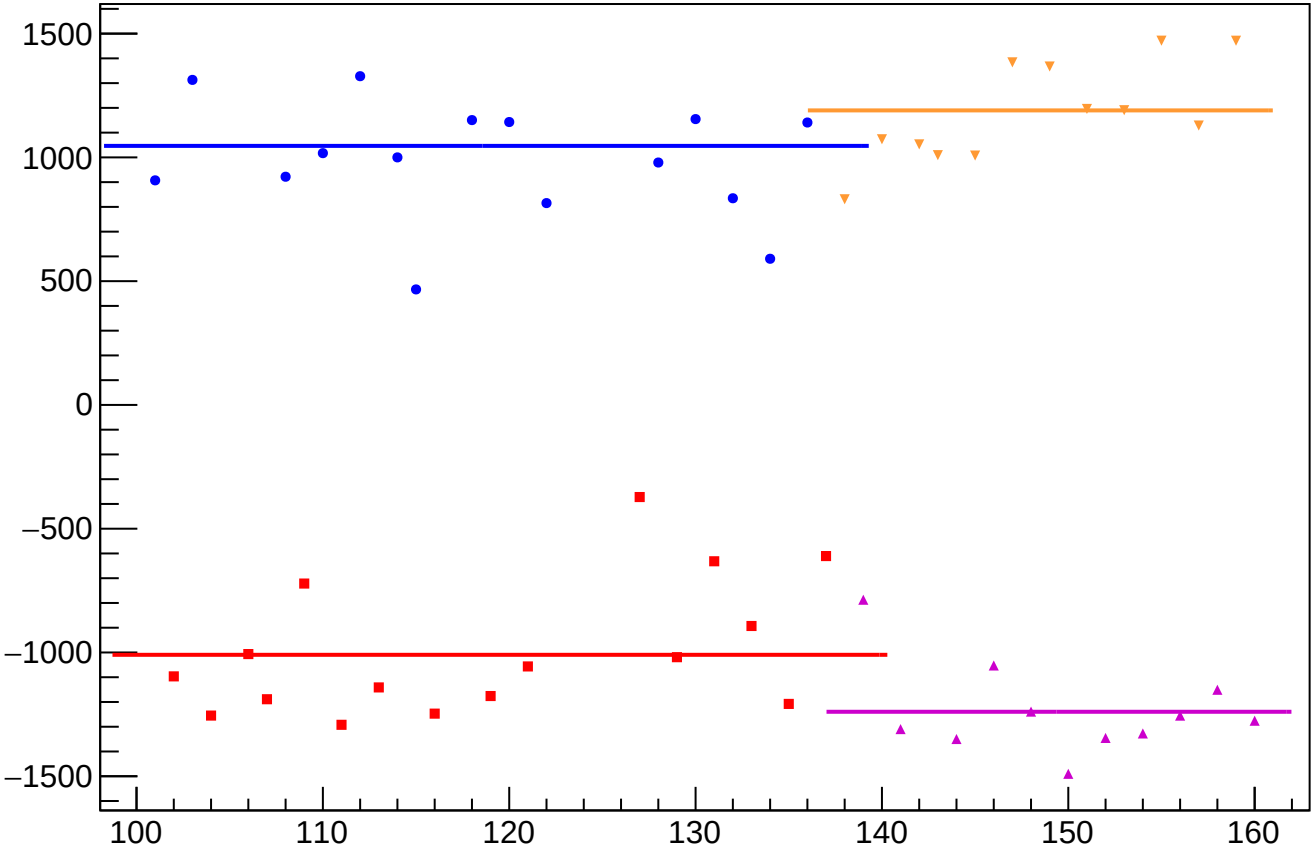
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641

In: -206.520+/-0.000 χ^2/NDF:1084558135298016

Out: 240.550+/-0.000 χ^2/NDF:1081494290409820

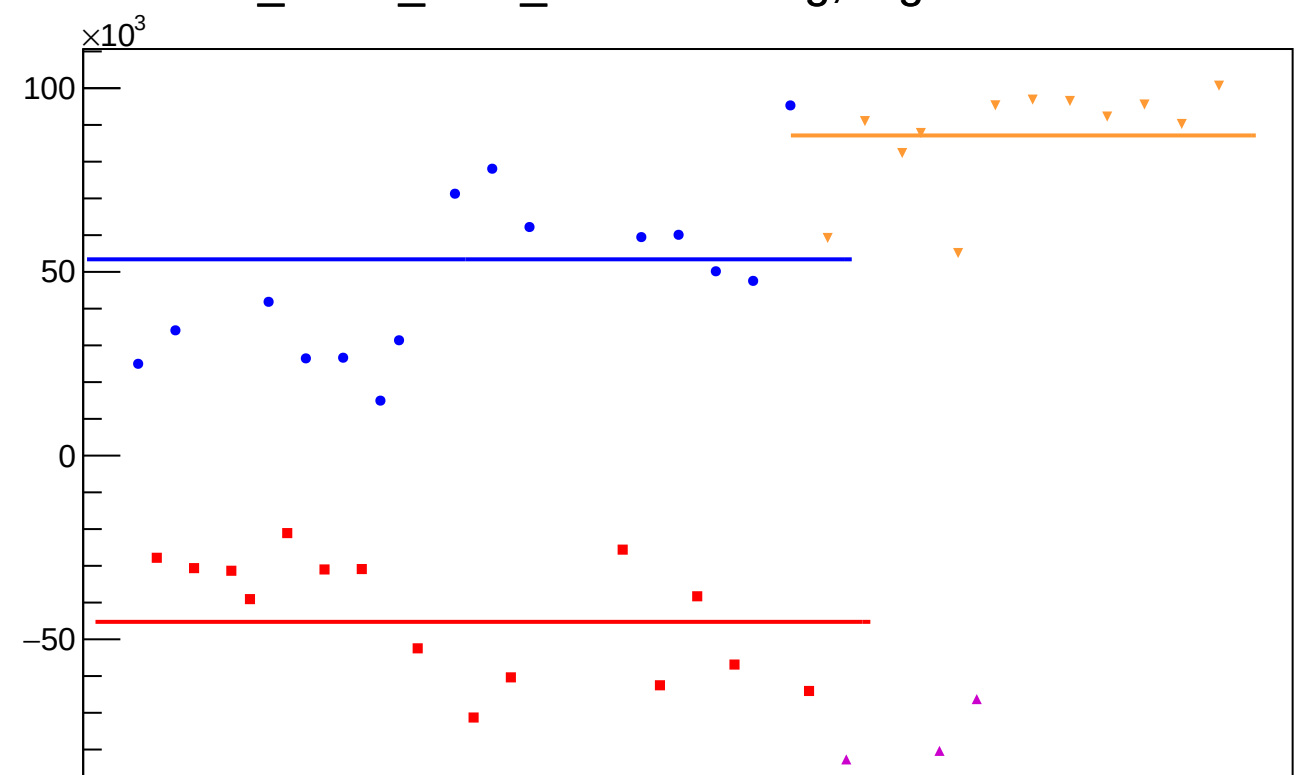
All: 17.794+/-0.000 χ^2/NDF: 2323799322021

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:194774148077866 7
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2056.751+/-0.000 χ^2/NDF: 14814793512986

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777734655180 8.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87135.960+/-0.000 χ^2/NDF:18939174134429072141323309877501894433177 6.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

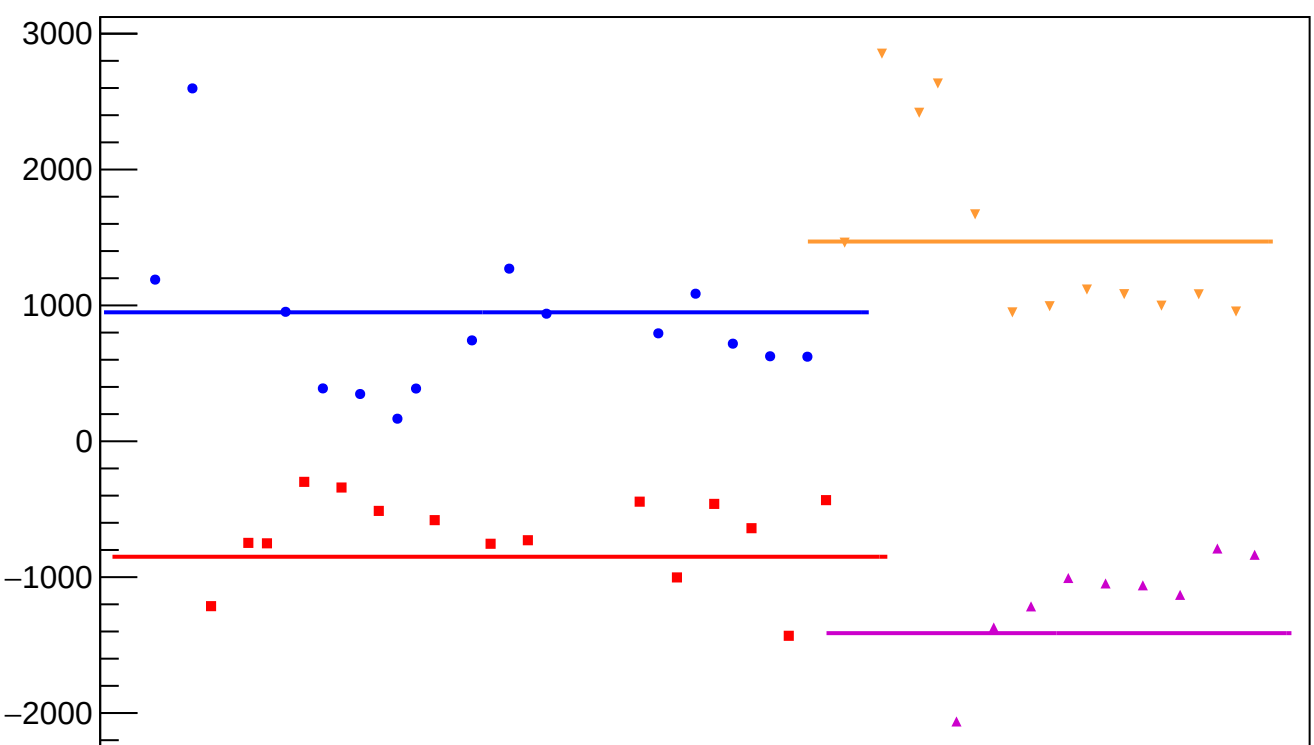
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405554792857 6.0/15

Out: 31391.108+/-0.000 χ^2/NDF:72426395712249

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

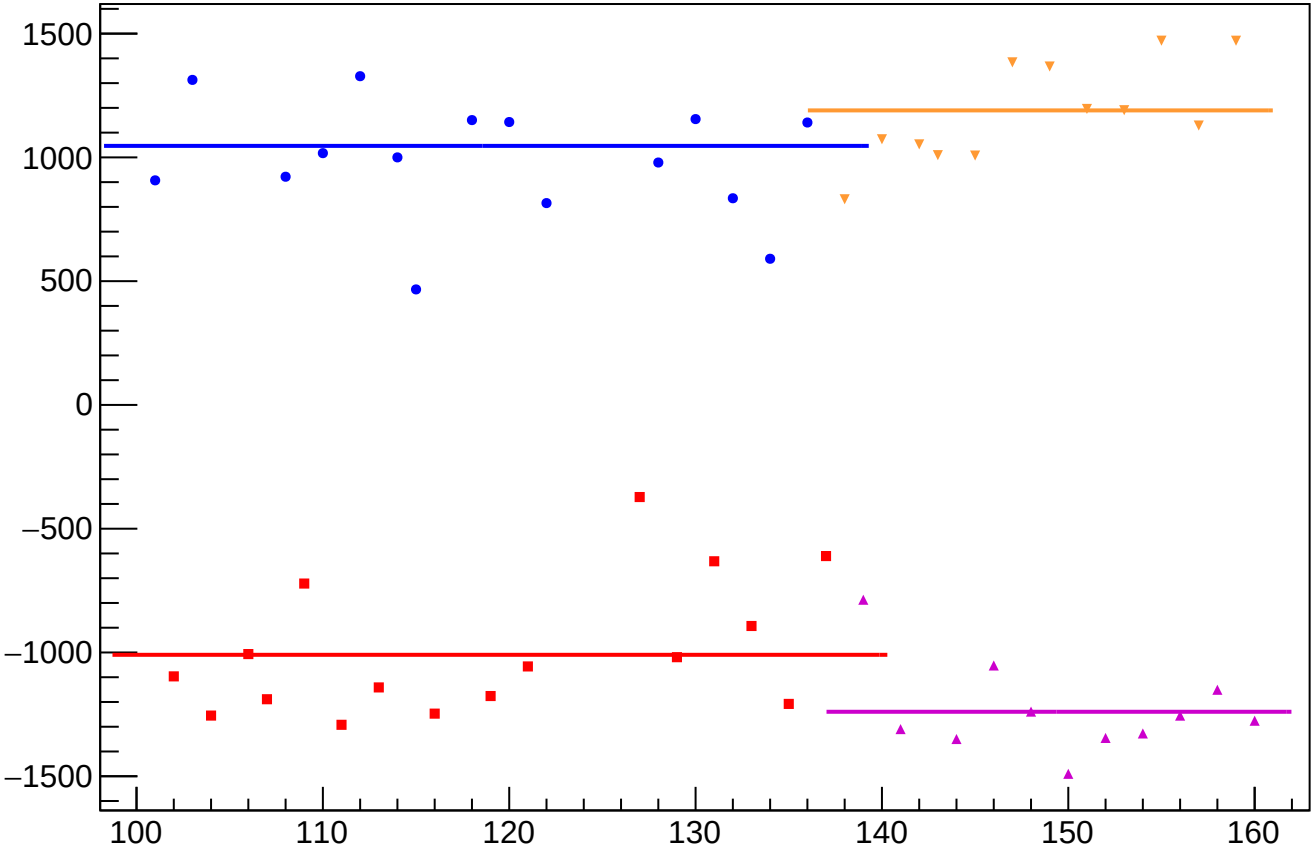
All: 223.165+/-0.000 χ^2/NDF: 18686919399 5

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



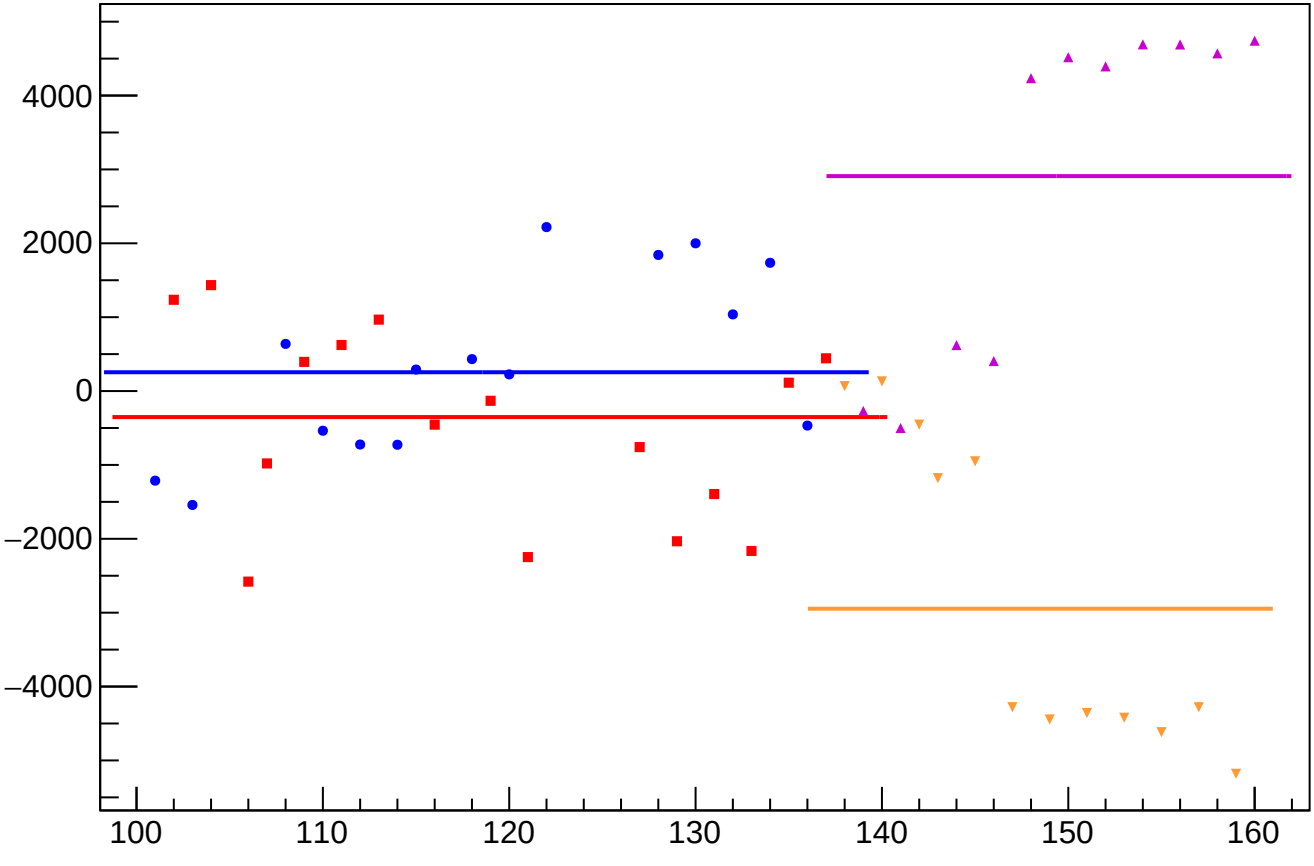
Left: 23.512+/-0.000 χ^2/NDF: 4561811630701110
Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426
Left Out: 1470.170+/-0.000 χ^2/NDF:4055903751566501722805072119613337108 48.0/11
In: -437.909+/-0.000 χ^2/NDF:2684013086565036
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15
Out: 493.252+/-0.000 χ^2/NDF:2688543806154343
Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10
All: 29.294+/-0.000 χ^2/NDF: 605687718608

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



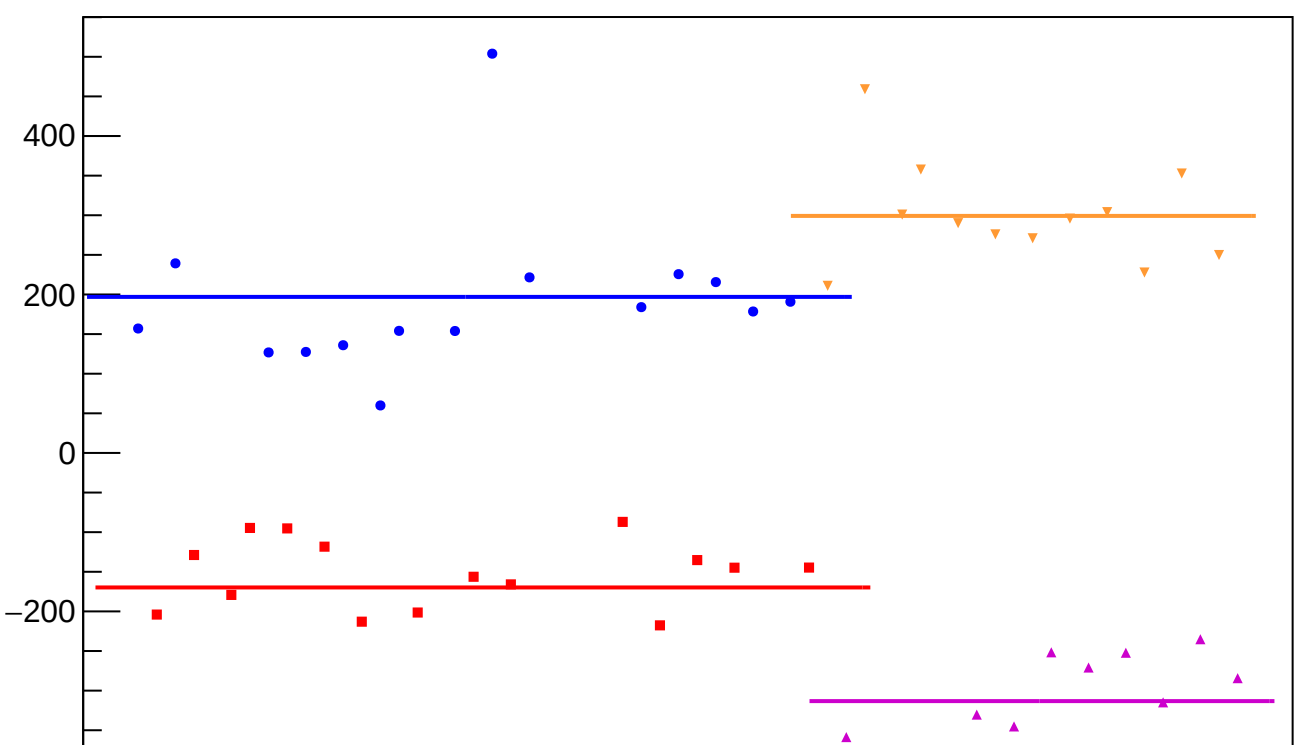
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam5_coil1_mean vs Slug, Sign Corrected



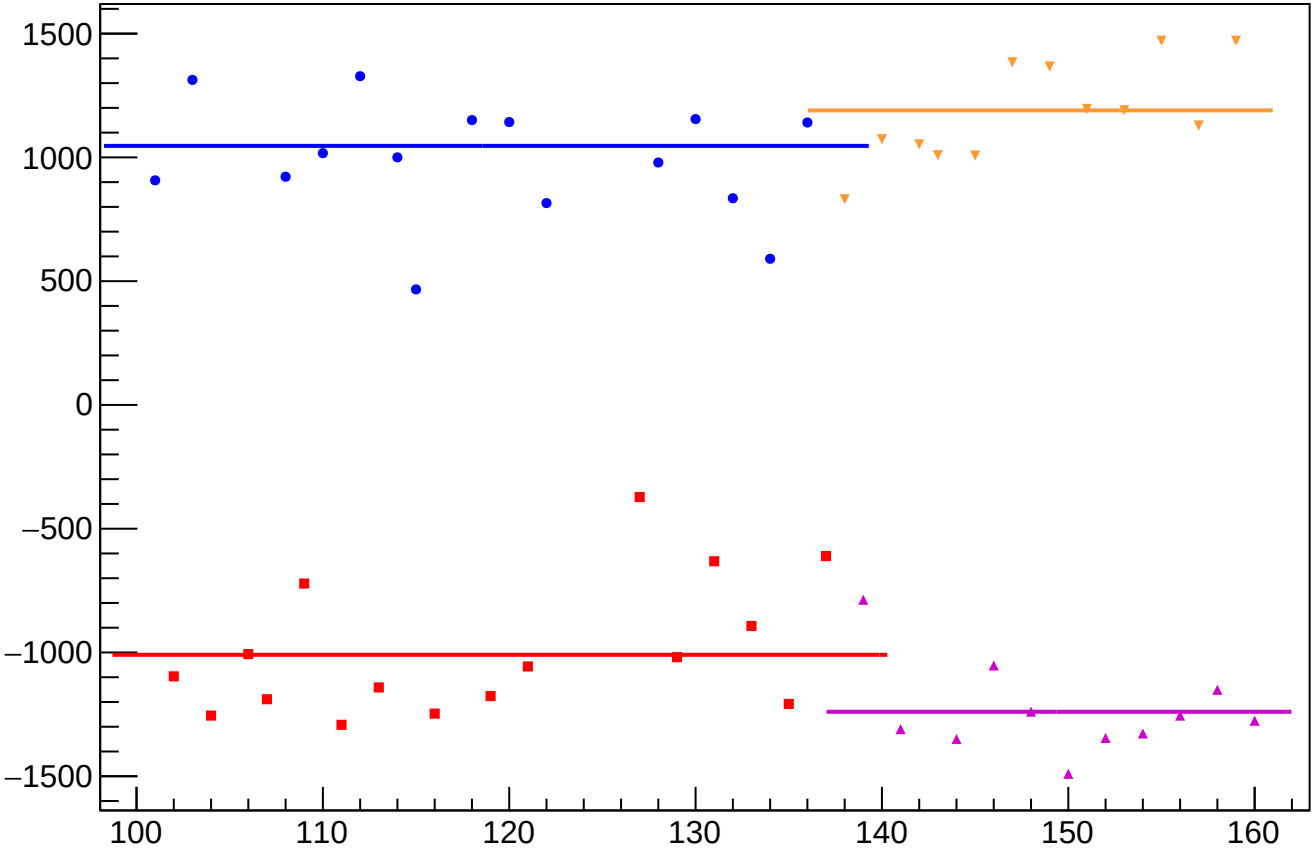
Left: -7.258+/-0.000 χ^2/NDF: 23890758468151762
Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14
Right: -53.015+/-0.000 χ^2/NDF: 220036732540735
Left Out: -2946.326+/-0.000 χ^2/NDF:37311273139536282275859488651053577011 20.0/11
In: 1814.139+/-0.000 χ^2/NDF:8042963130029704
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
Out: -1854.022+/-0.000 χ^2/NDF:74302215245533
Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10
All: -26.332+/-0.000 χ^2/NDF: 260927325802

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



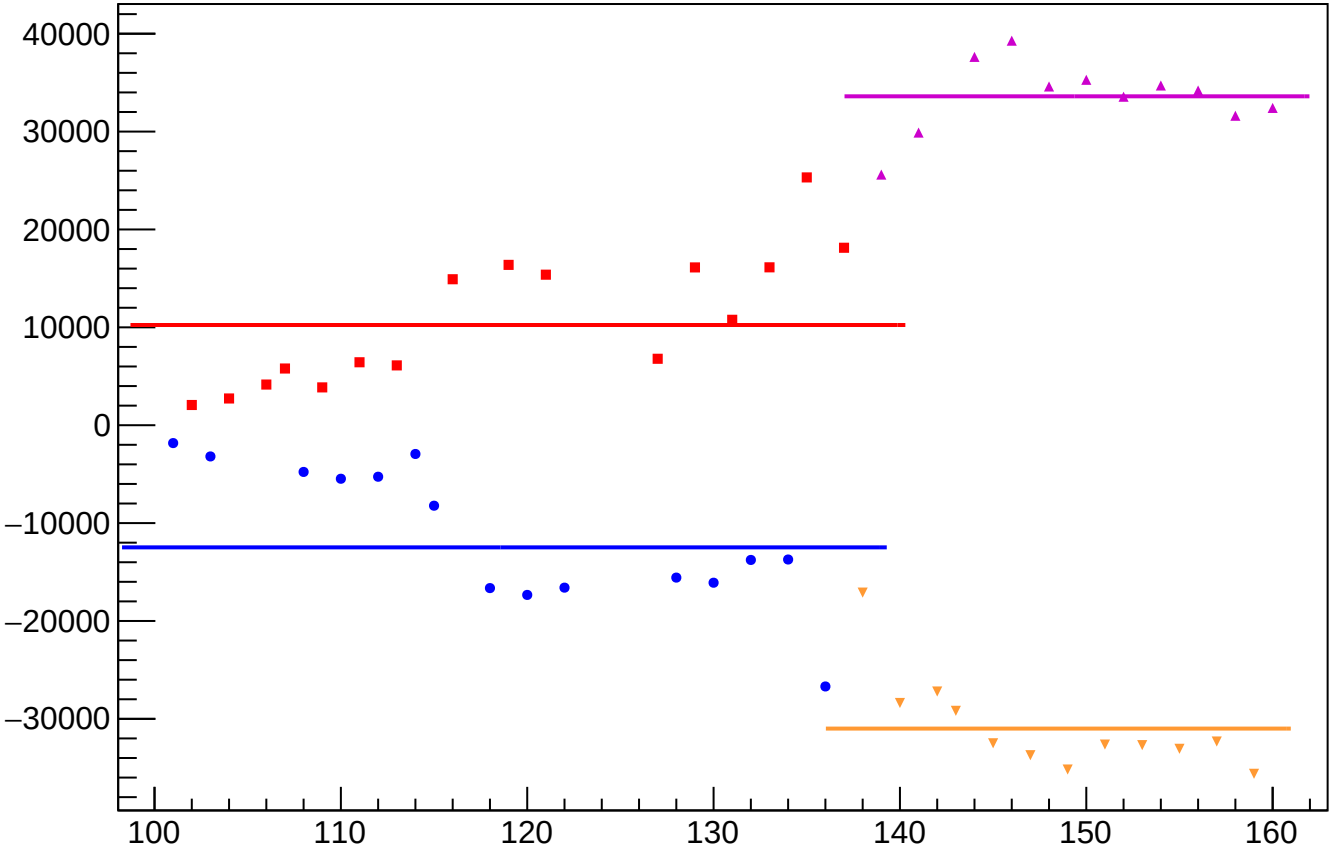
Left: -8.192+/-0.000 χ^2/NDF: 1795657474392997
Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14
Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240
Left Out: 299.172+/-0.000 χ^2/NDF:3880381264543200500455029030889979904.0/11
In: -102.733+/-0.000 χ^2/NDF:1067935716569052
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15
Out: 101.703+/-0.000 χ^2/NDF:926895742090380
Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10
All: -0.158+/-0.000 χ^2/NDF: 2324687207853

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1427.056+/-0.000 χ^2/NDF: 195327438933418

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -30994.631+/-0.000 χ^2/NDF:213608024055407757940489436479737099714 56.0/11

In: 14589.951+/-0.000 χ^2/NDF:862146721459062

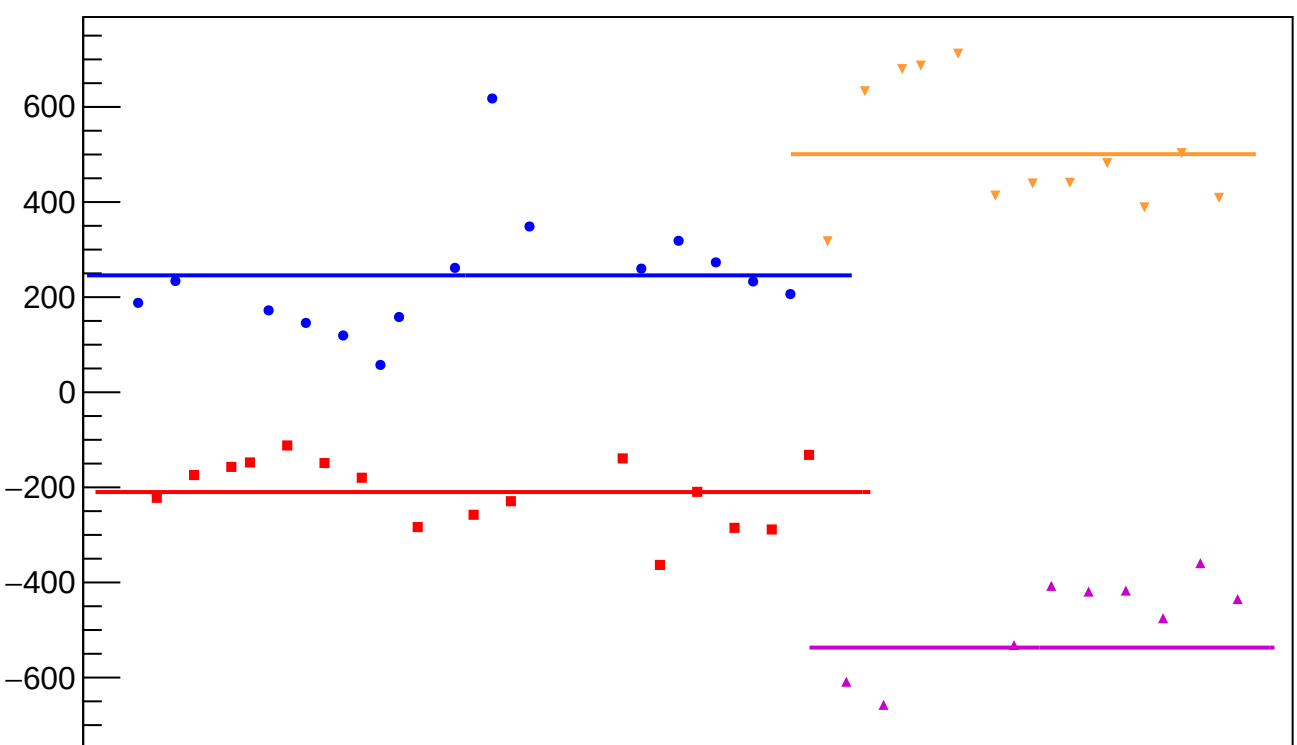
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13632.112+/-0.000 χ^2/NDF:7090726770294

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 429.752+/-0.000 χ^2/NDF: 21998374299

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Left: -20.099+/-0.000 χ^2/NDF: 5307663068333209

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

Left Out: 500.722+/-0.000 χ^2/NDF:1436664785403098680108925235491137126 4.0/11

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

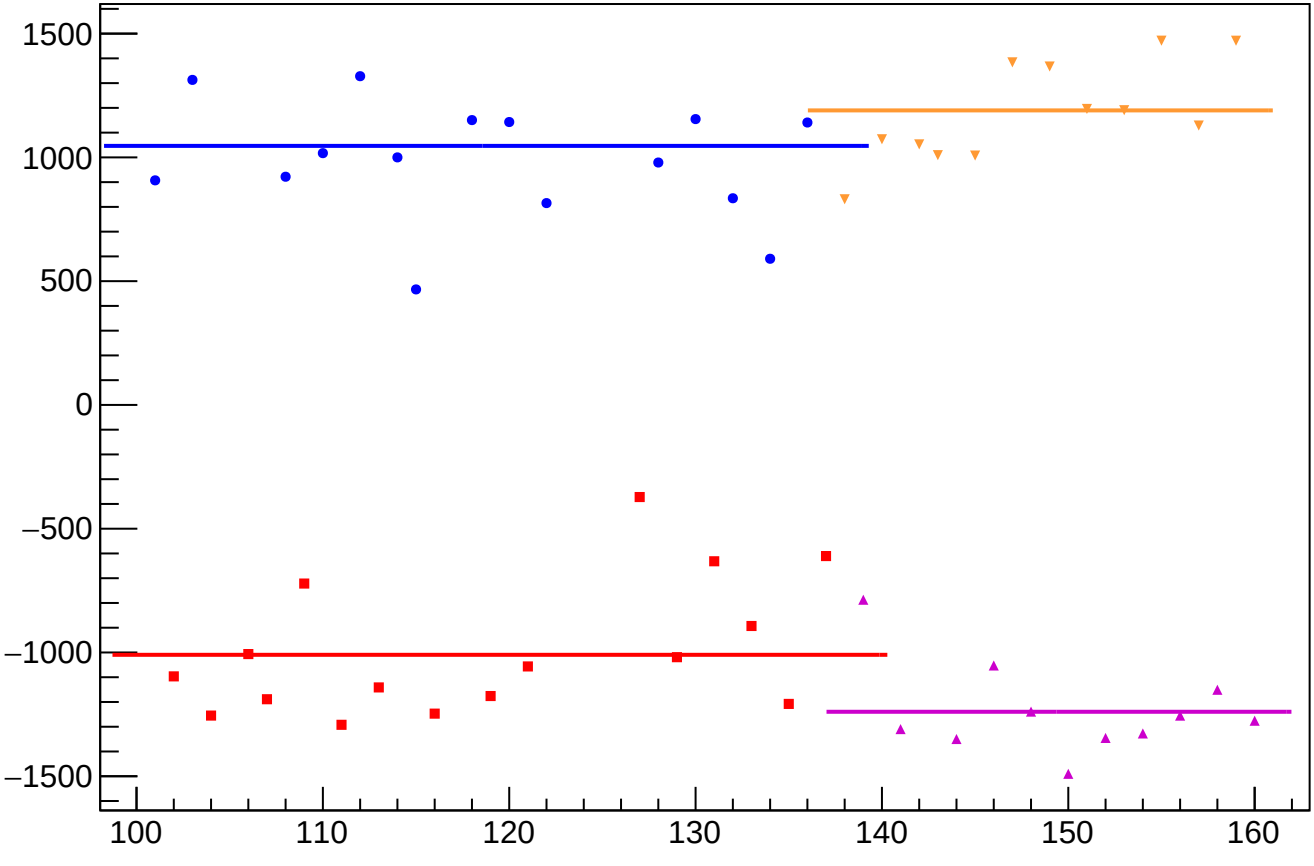
Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Out: 201.513+/-0.000 χ^2/NDF:212456336583566

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

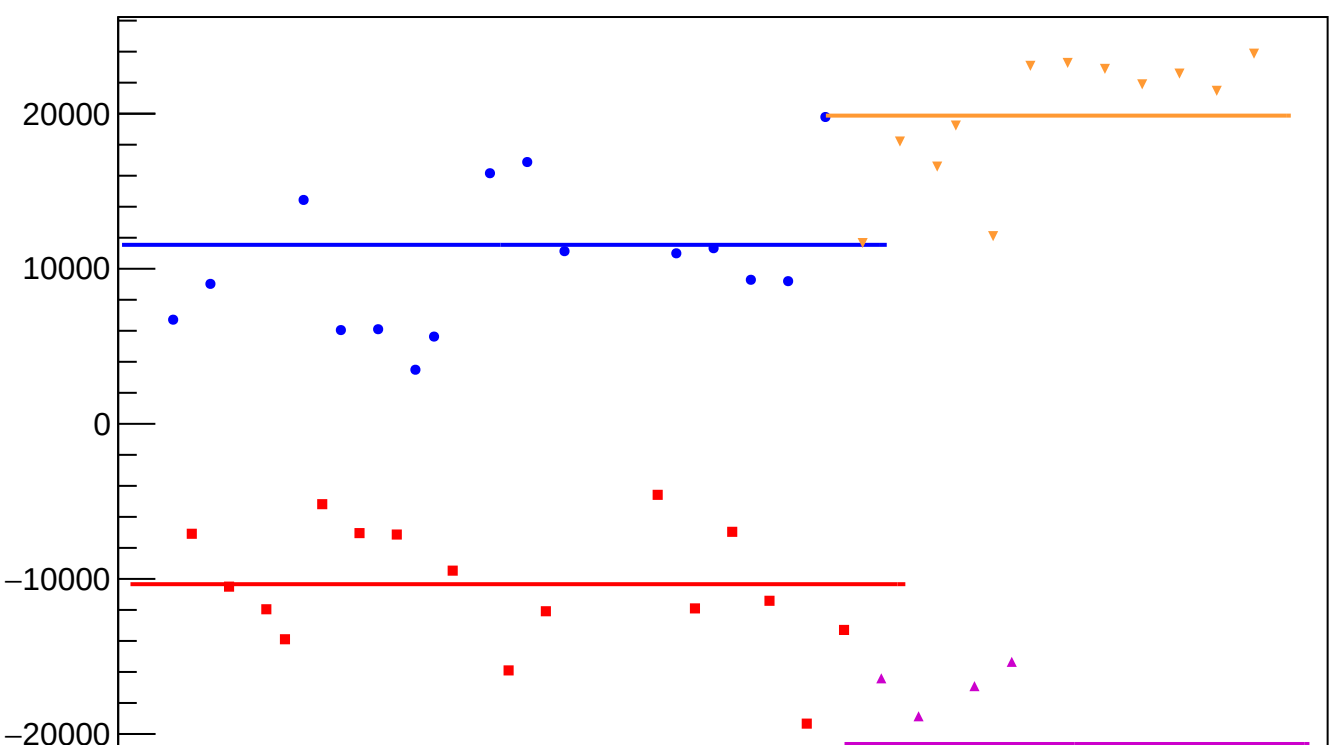
All: -5.519+/-0.000 χ^2/NDF: 6109629963299

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.133+/-0.000 χ^2/NDF: 779937856524154

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19875.162+/-0.000 χ^2/NDF:158021966434494621984834009563574556426 24.0/11

In: -7364.946+/-0.000 χ^2/NDF:41767350544533 0

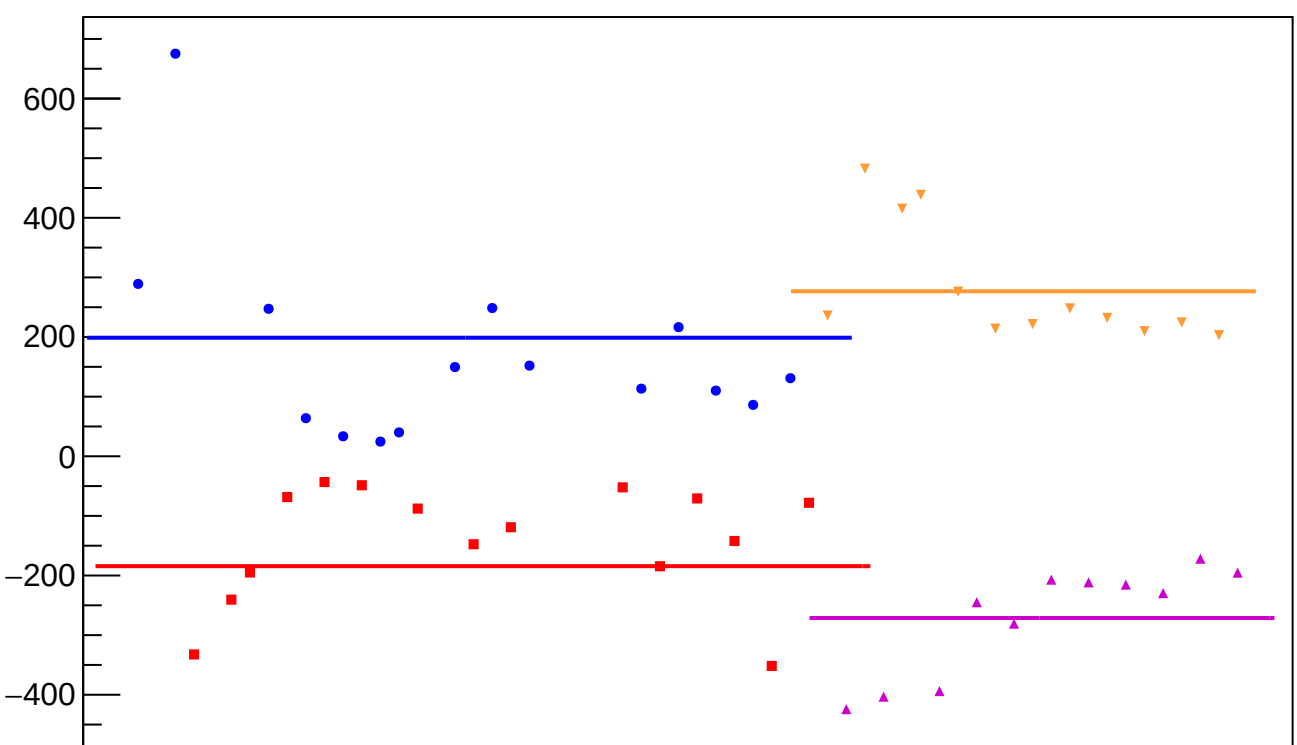
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7151.998+/-0.000 χ^2/NDF:37958723807414 0

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

All: -81.183+/-0.000 χ^2/NDF: 963586580274

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Left: 1.677+/-0.000 χ^2/NDF: 153367267595922872

Right In: 198.850+/-0.000 χ^2/NDF: 183339951095034380370759169444402954 24.0/14

Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257 0

Left Out: 276.729+/-0.000 χ^2/NDF:80315779700803716185964276886924165 12.0/11

In: -77.317+/-0.000 χ^2/NDF:109711030334921 92

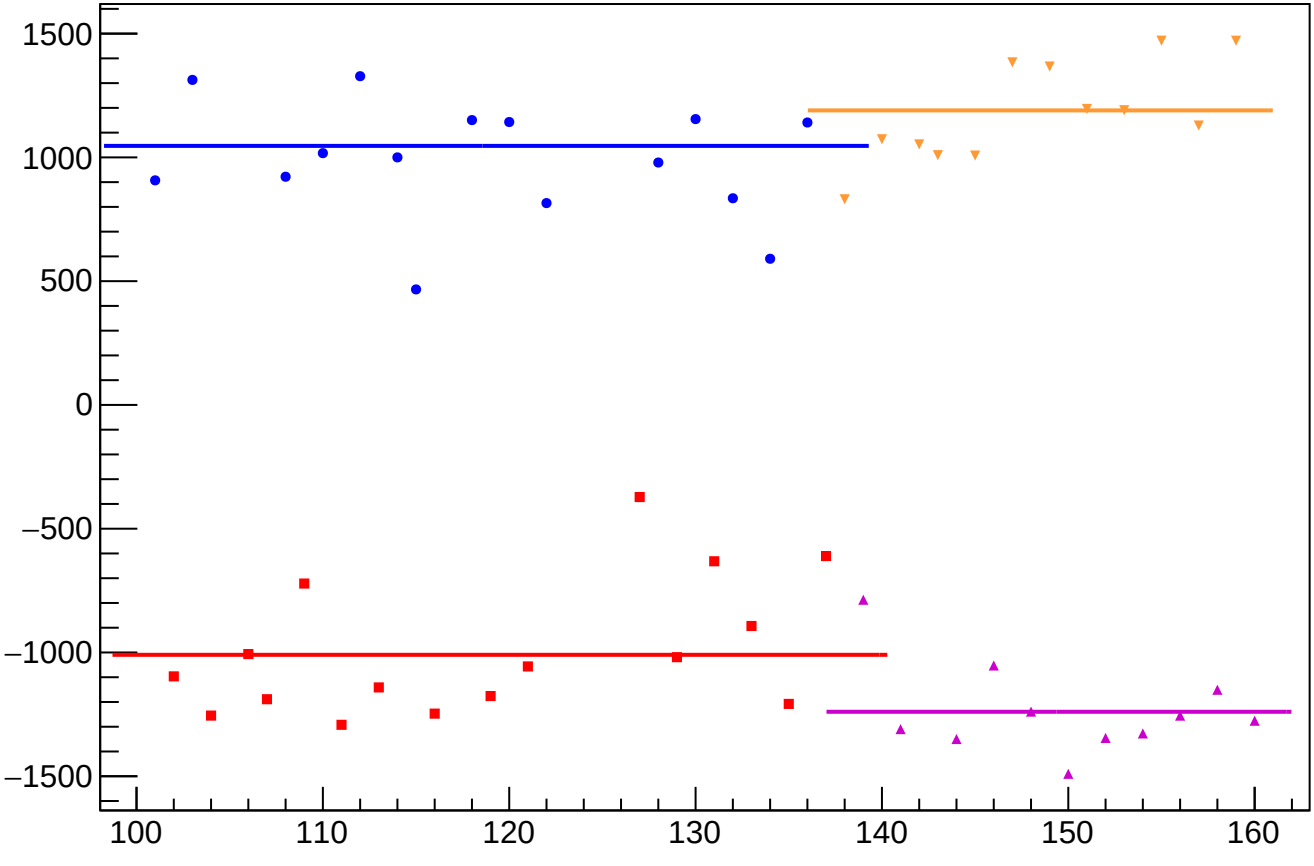
Right Out: -184.328+/-0.000 χ^2/NDF: 149274349313955886010249615383724032 00.0/15

Out: 82.584+/-0.000 χ^2/NDF:105041531978612 64

Left In: -271.291+/-0.000 χ^2/NDF:711244598103052014506681410397405184 0.0/10

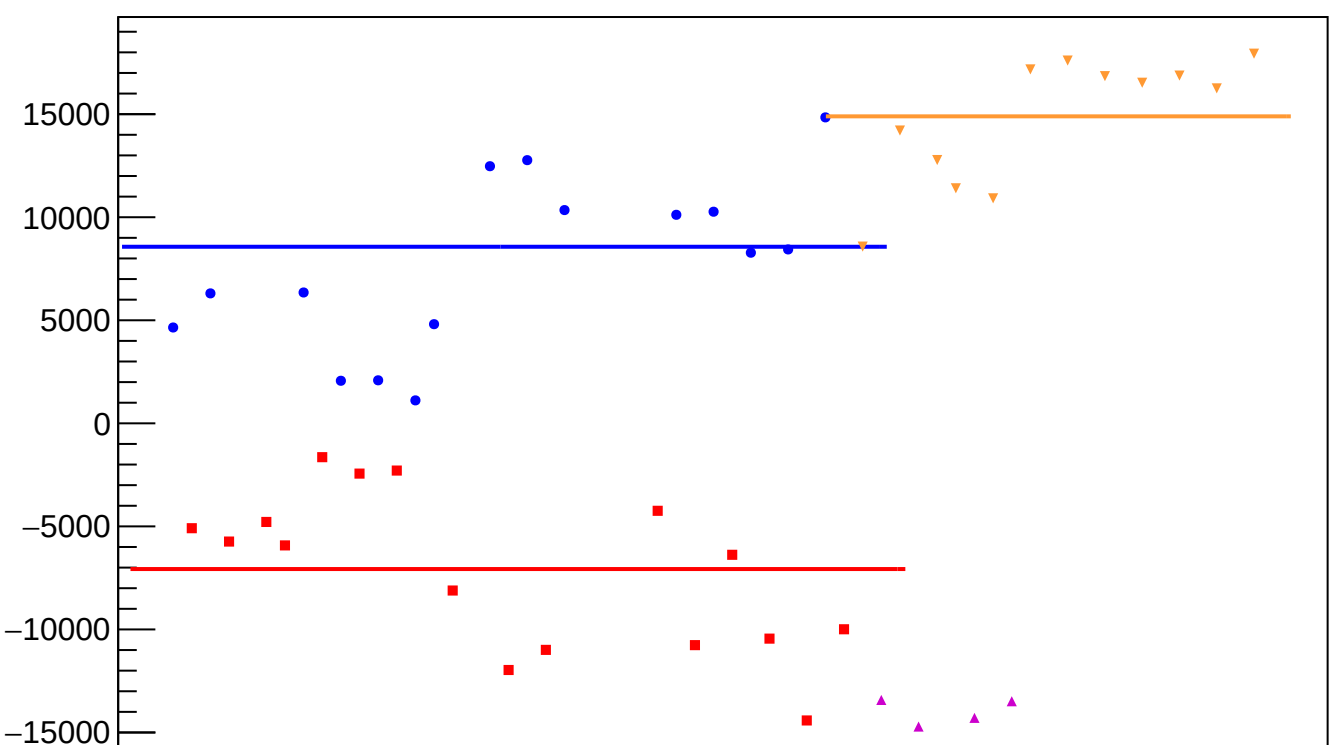
All: 2.912+/-0.000 χ^2/NDF: 2349321475908 2

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam8_coil1_mean vs Slug, Sign Corrected



Left: -605.094+/-0.000 χ^2/NDF: 449603565245428

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Right: 642.005+/-0.000 χ^2/NDF: 101620430321781

Left Out: 14894.671+/-0.000 χ^2/NDF:819699425116216254878261751319506609766 4.0/11

In: -5856.261+/-0.000 χ^2/NDF:2434429122996 38

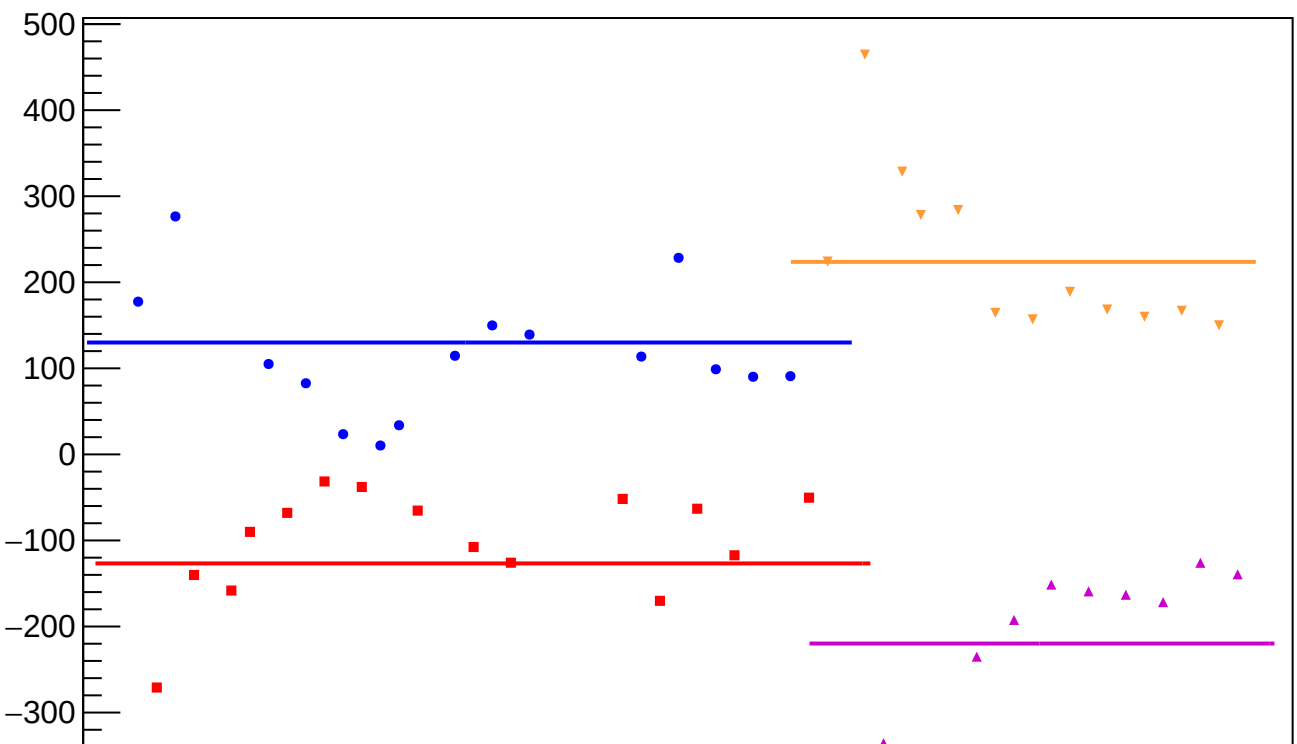
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

Out: 5645.707+/-0.000 χ^2/NDF:204561838277248

Left In: -15987.436+/-0.000 χ^2/NDF:2470393428254815728629083332629999124480.0/10

All: -85.239+/-0.000 χ^2/NDF: 552417535808

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Left: 1.125+/-0.000 χ^2/NDF: 105718940355334033

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835

Left Out: 223.724+/-0.000 χ^2/NDF:7769866101258790132911352573971136512.0/11

In: -75.461+/-0.000 χ^2/NDF:5718321474532916

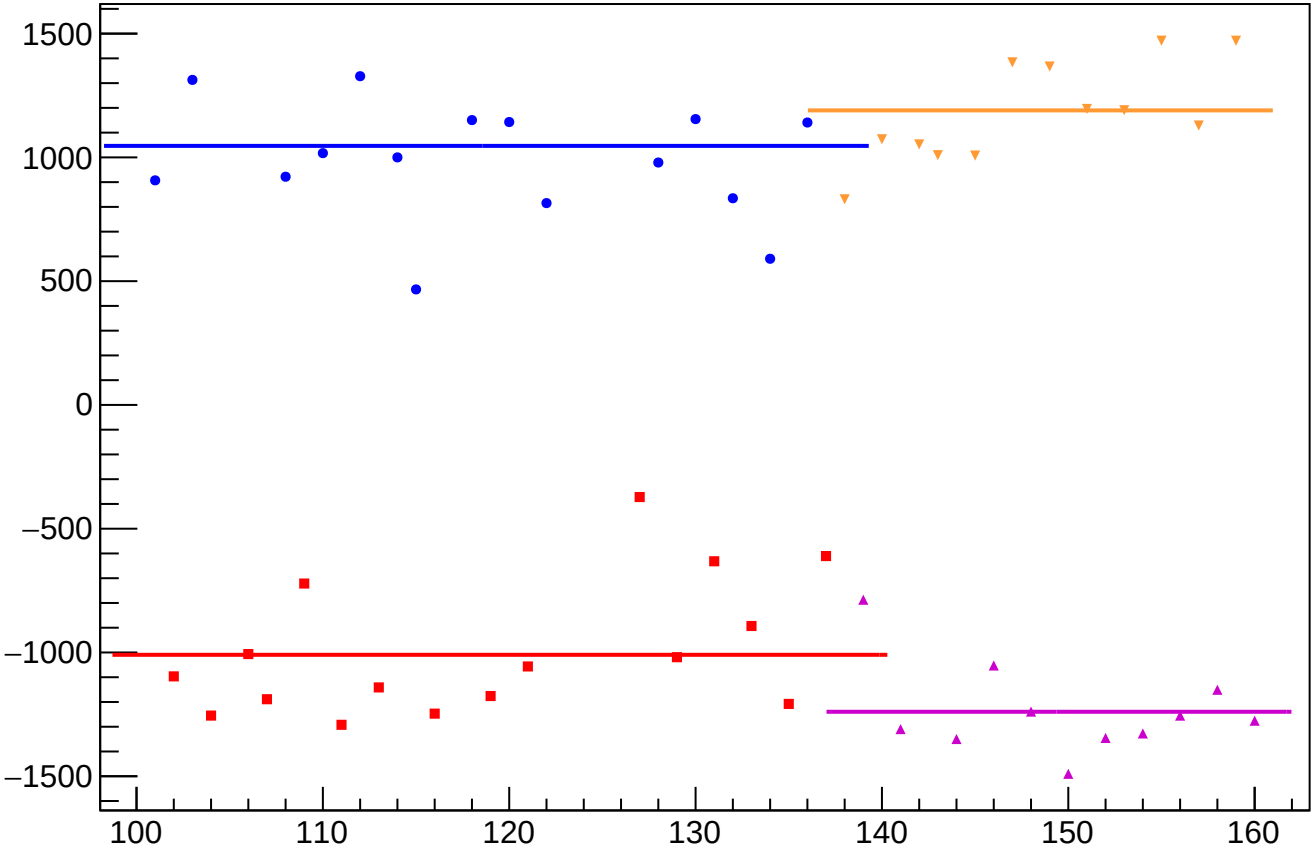
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Out: 76.161+/-0.000 χ^2/NDF:605855057838311

Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

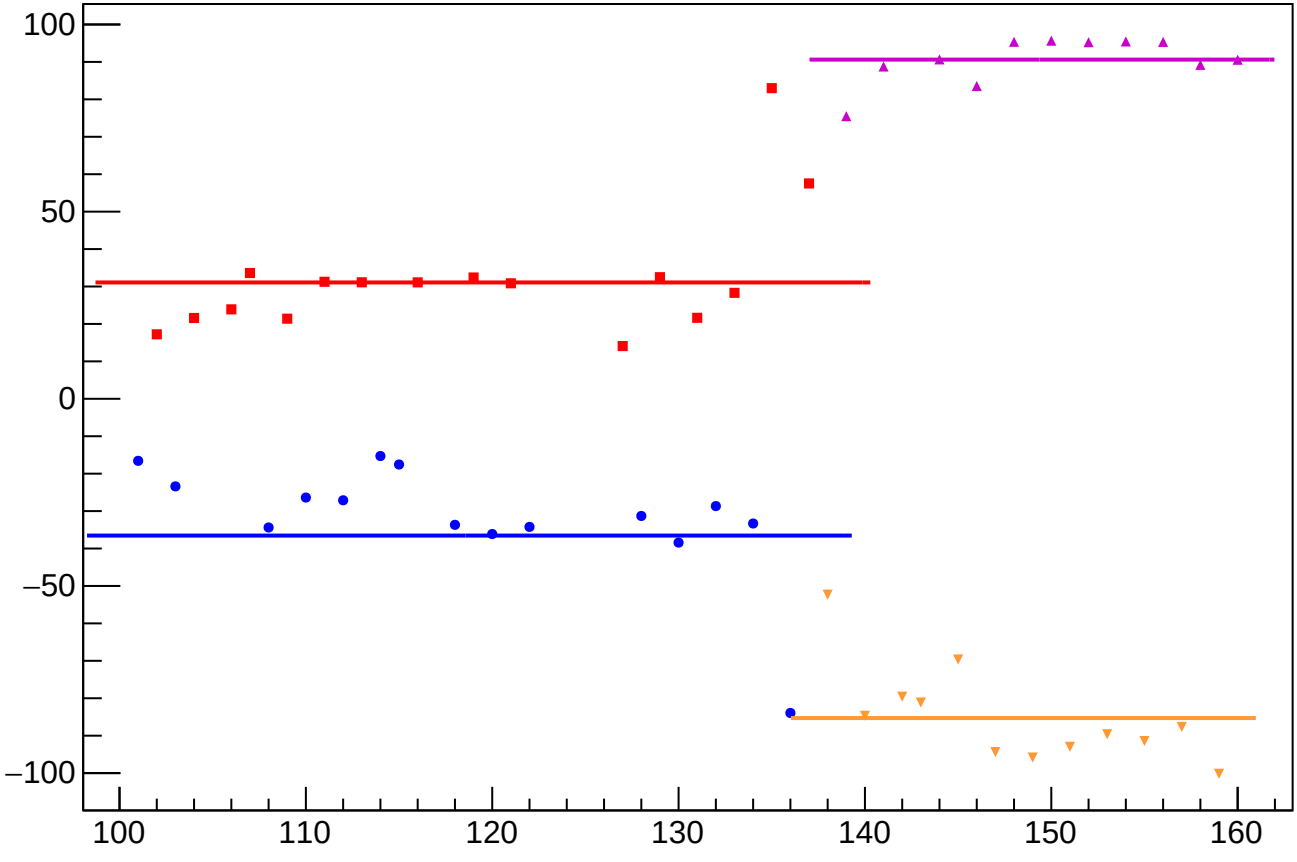
All: 0.615+/-0.000 χ^2/NDF: 1359127742015

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



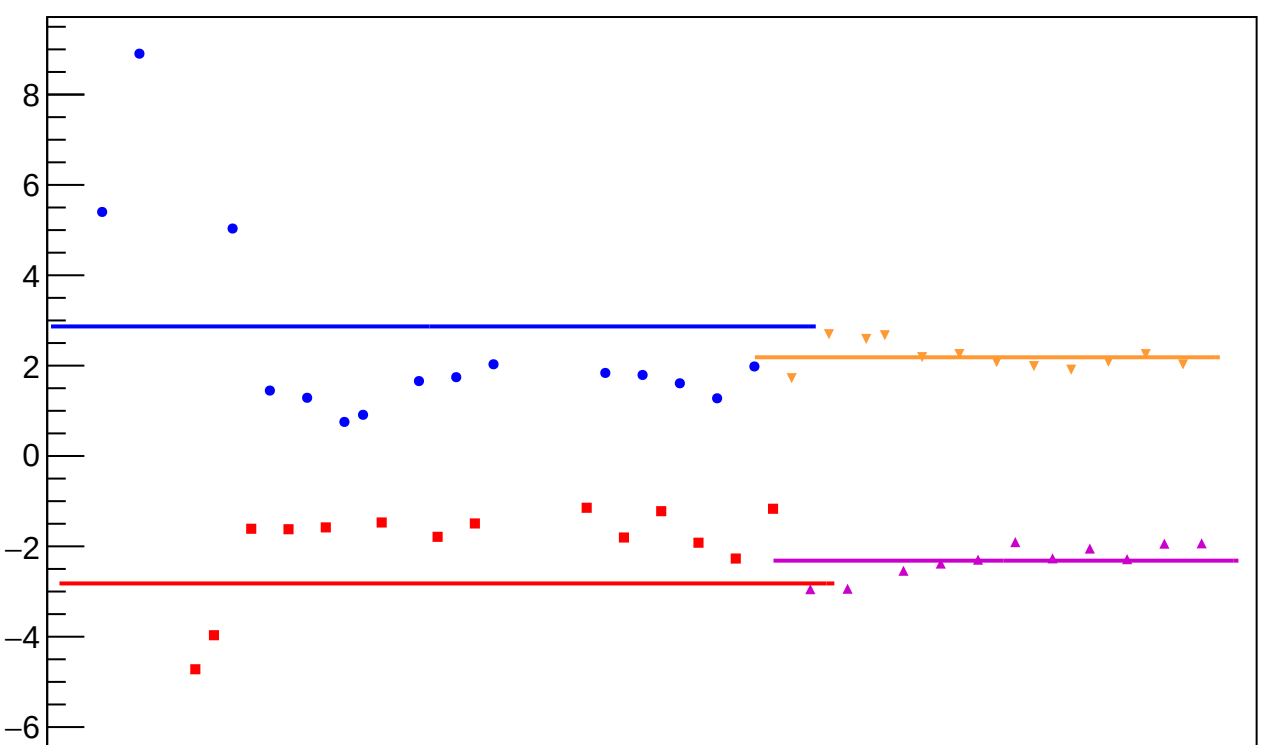
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 2.998+/-0.000 χ^2/NDF: 14425094702229248
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.291+/-0.000 χ^2/NDF:1503351865756920475253980731728199 68.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.286+/-0.000 χ^2/NDF:5561186086442477
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.804+/-0.000 χ^2/NDF: 1638628465778

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.074+/-0.000 χ^2/NDF: 95157868092159667

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

Left Out: 2.185+/-0.000 χ^2/NDF:7550126663773006003816821161984.0/11

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

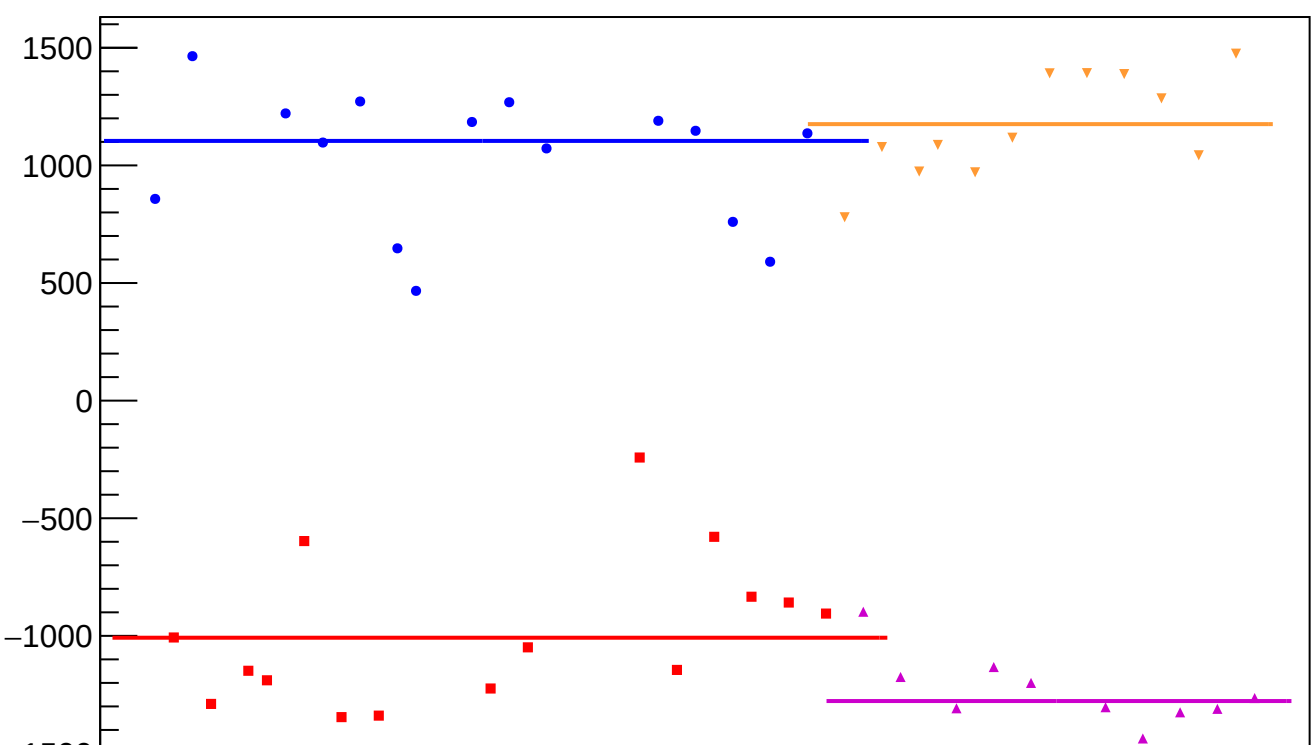
Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Out: 0.077+/-0.000 χ^2/NDF:12804509079609747

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

All: -0.050+/-0.000 χ^2/NDF: 2667065323258

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

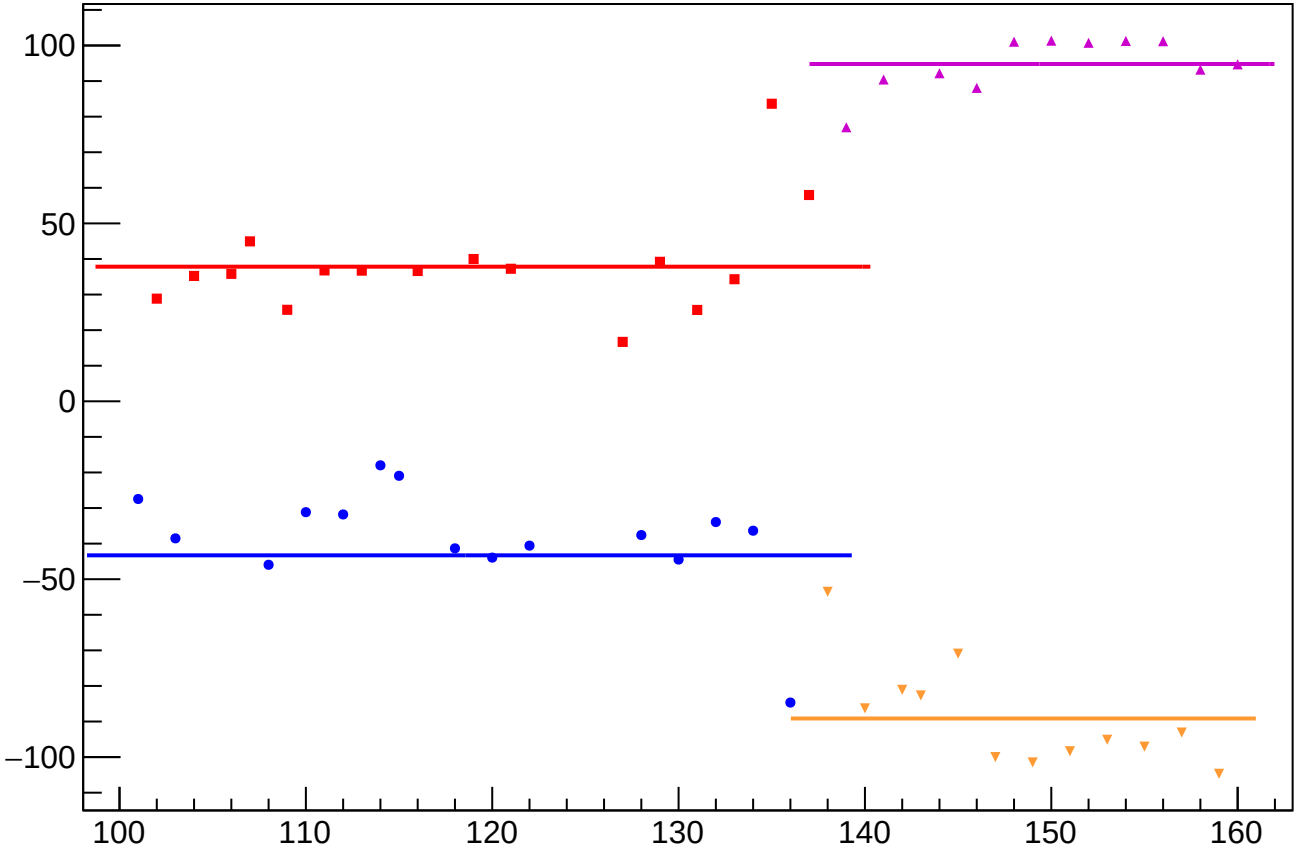
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.176+/-0.000 χ^2/NDF: 158111837219189498

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.146+/-0.000 χ^2/NDF:189364483855471766611288200184856576.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

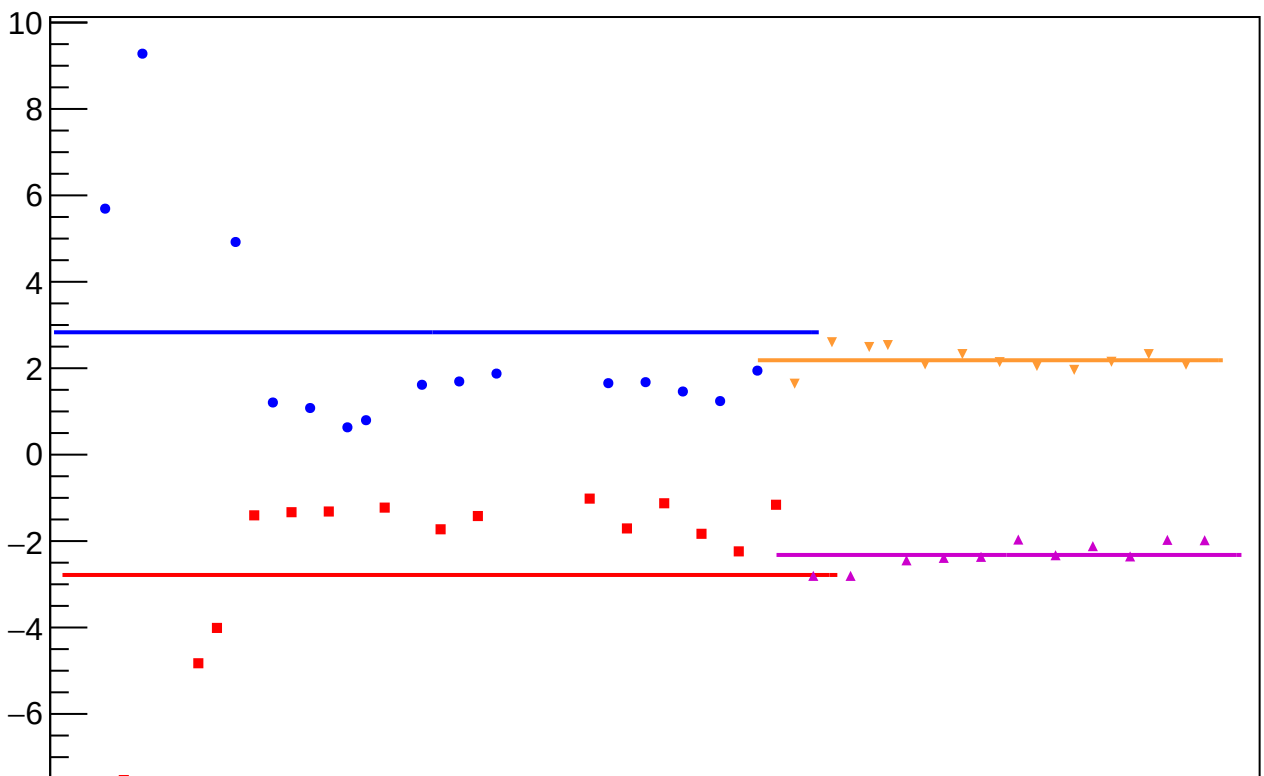
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.677+/-0.000 χ^2/NDF:6563927039215261

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

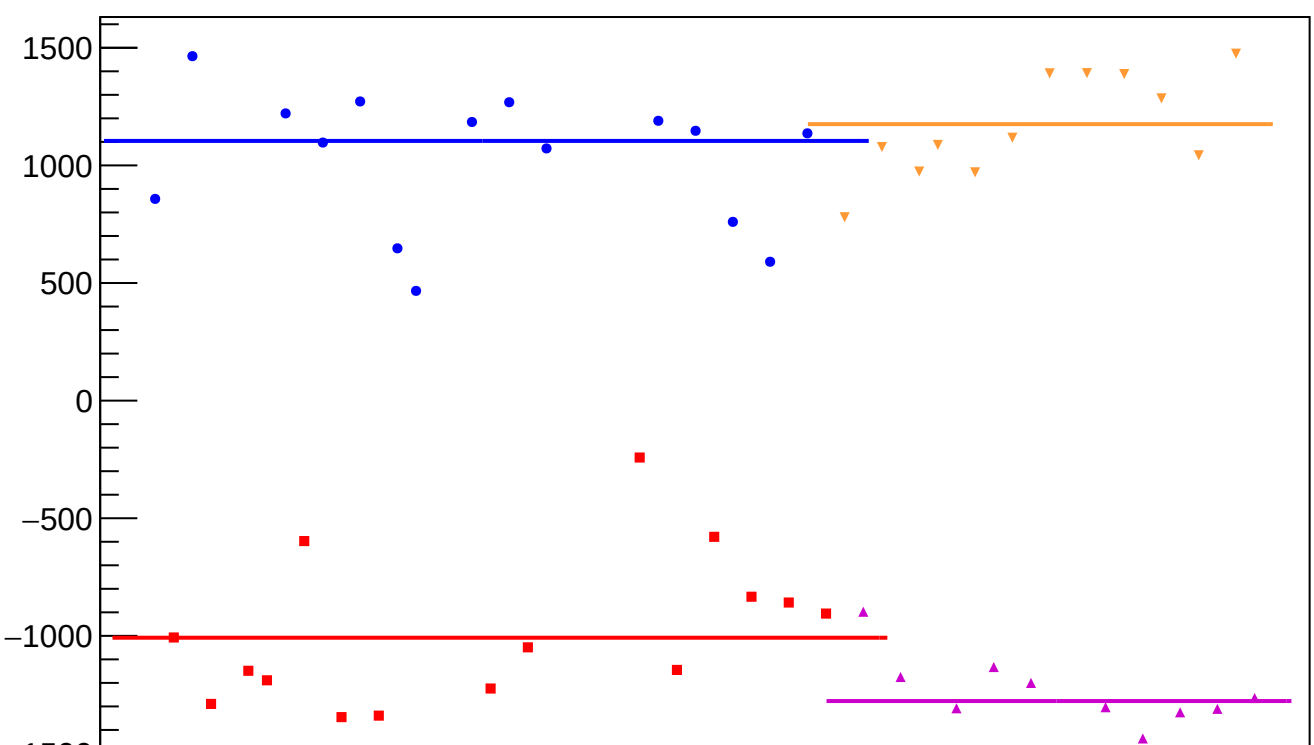
All: 0.946+/-0.000 χ^2/NDF: 18345835995251

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 9477343719544099
Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14
Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502
Left Out: 2.185+/-0.000 χ^2/NDF:60382547029004782914122064855040.0/11
In: -0.195+/-0.000 χ^2/NDF:14153850134085161
Right Out: -2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15
Out: 0.092+/-0.000 χ^2/NDF:13183048261414672
Left In: -2.321+/-0.000 χ^2/NDF:74619123224616324544404505231360.0/10
All: -0.051+/-0.000 χ^2/NDF: 2740200778569

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

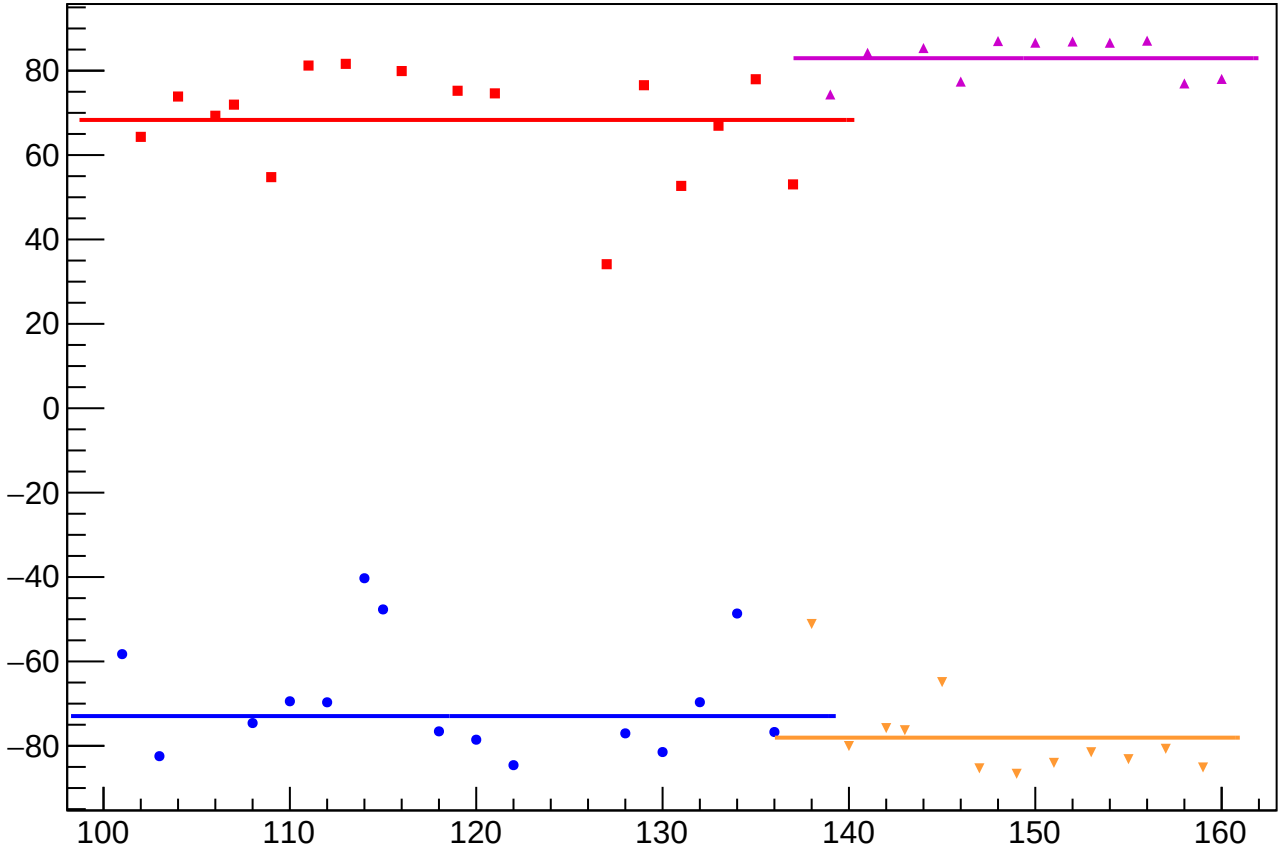
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

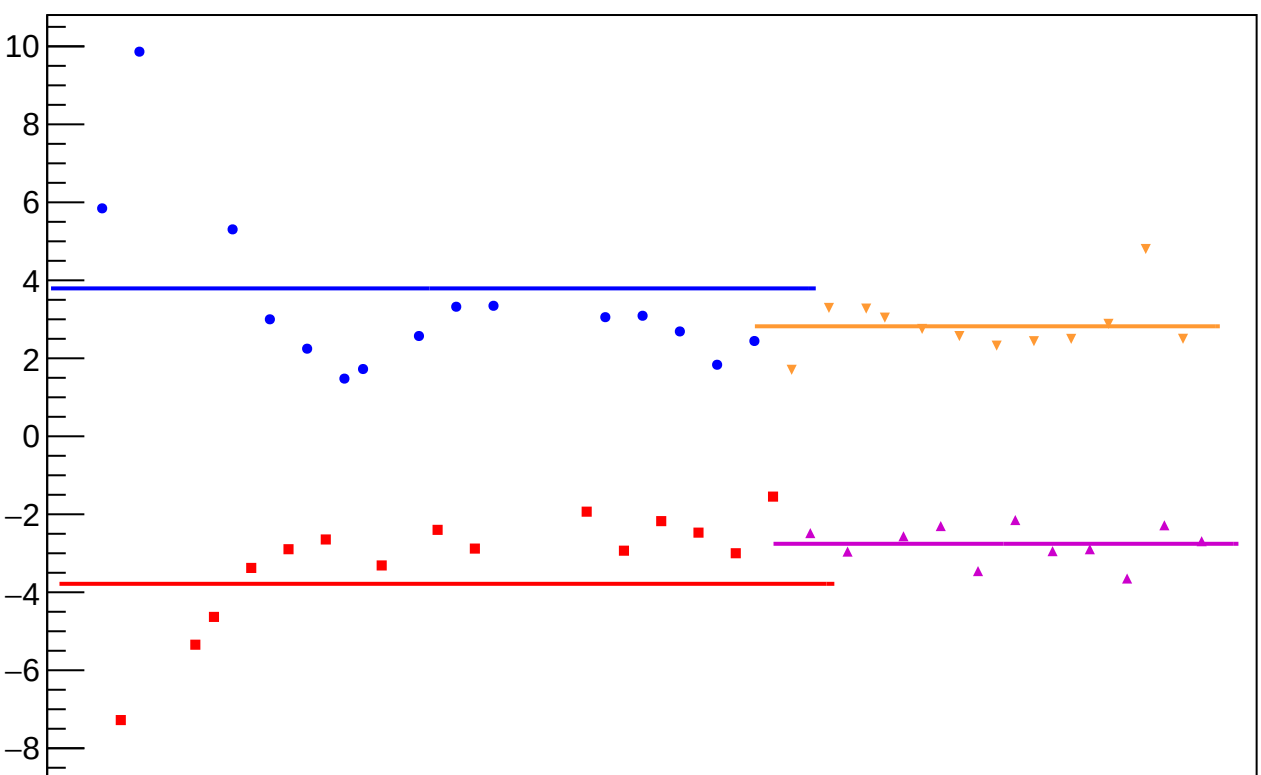
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.753+/-0.000 χ^2/NDF: 12044603394135018
Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14
Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205
Left Out: -78.060+/-0.000 χ^2/NDF:9207698978356102499121555953056768.0/11
In: 18.630+/-0.000 χ^2/NDF:935227547229560147
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725 84960.0/15
Out: -16.420+/-0.000 χ^2/NDF:8473003169479840
Left In: 82.954+/-0.000 χ^2/NDF:2041915777487729784920530317056 4096.0/10
All: 1.044+/-0.000 χ^2/NDF: 1879489260663

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 150019898888711365

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.821+/-0.000 χ^2/NDF:49308255558078562727579767904665 6.0/11

In: -0.054+/-0.000 χ^2/NDF:197504965685105857

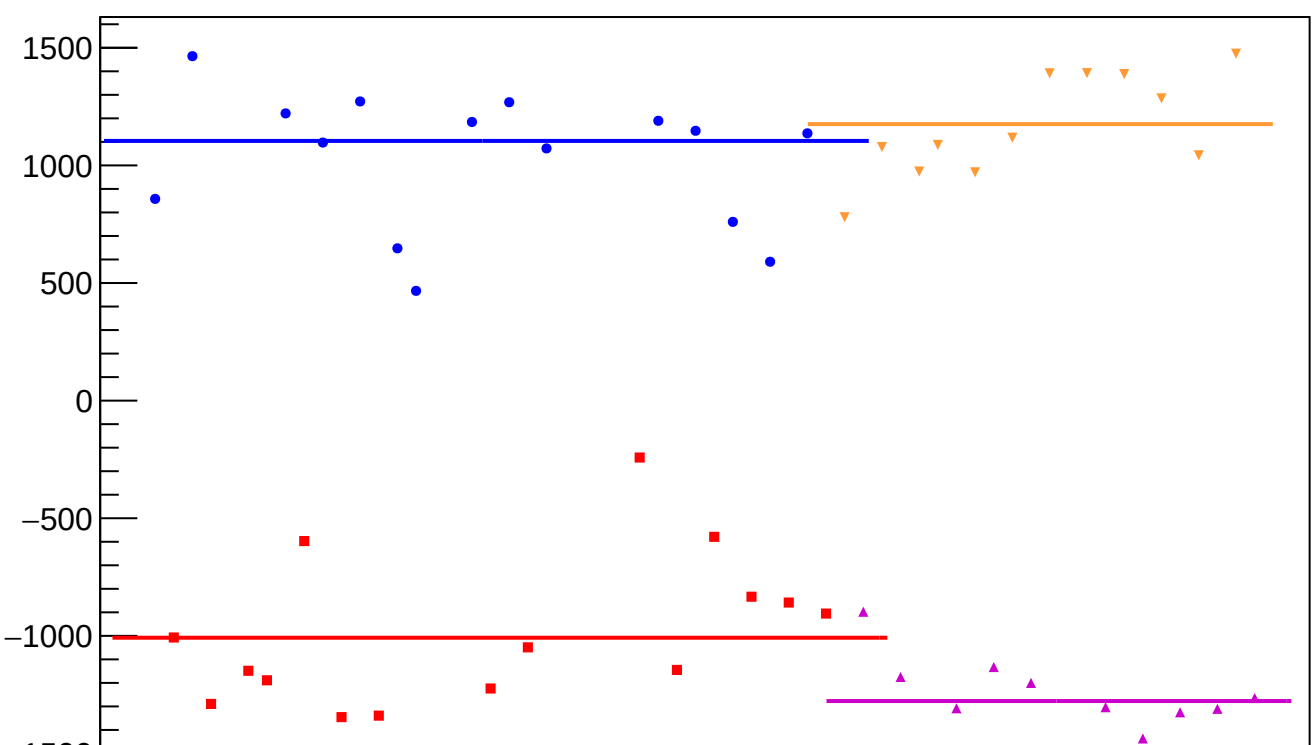
Right Out: -3.783+/-0.000 χ^2/NDF: 287858662219267665445233875537 1008.0/15

Out: 0.040+/-0.000 χ^2/NDF:202117333413453481

Left In: -2.757+/-0.000 χ^2/NDF:191720746547732306226054042746880.0/10

All: -0.007+/-0.000 χ^2/NDF: 3996925901016

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

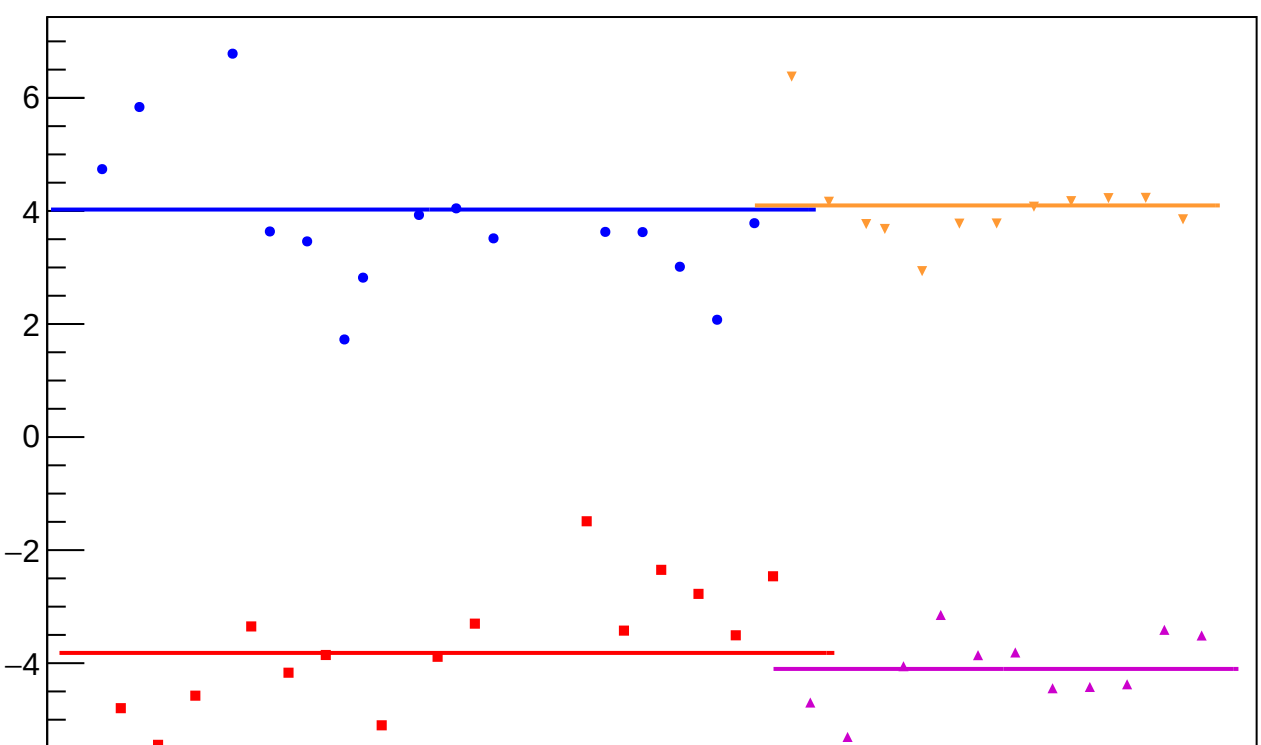
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31826775852587250

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 2189275488787973 9

Left Out: 4.098+/-0.000 χ^2/NDF:556317927026663328650590815256576.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

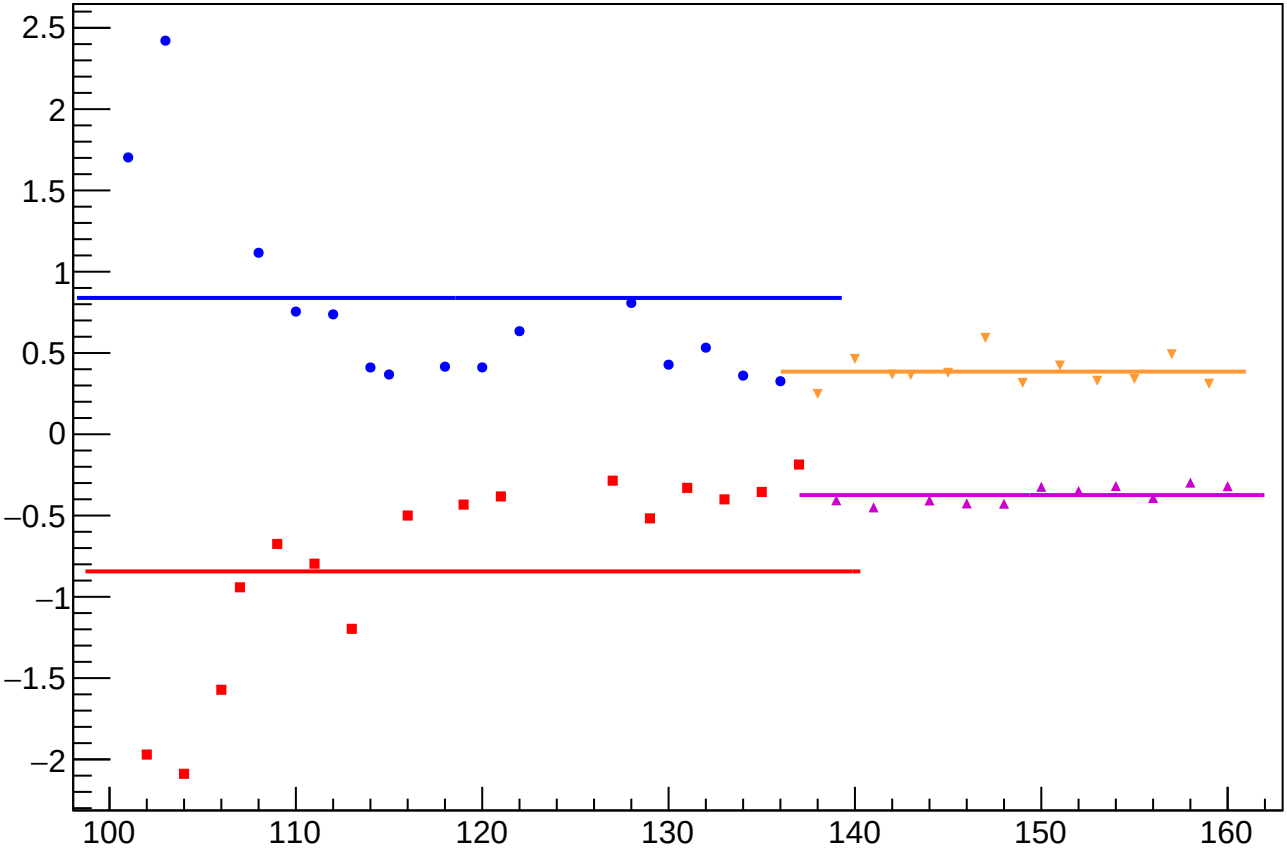
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.764+/-0.000 χ^2/NDF:2564107672551213 40

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

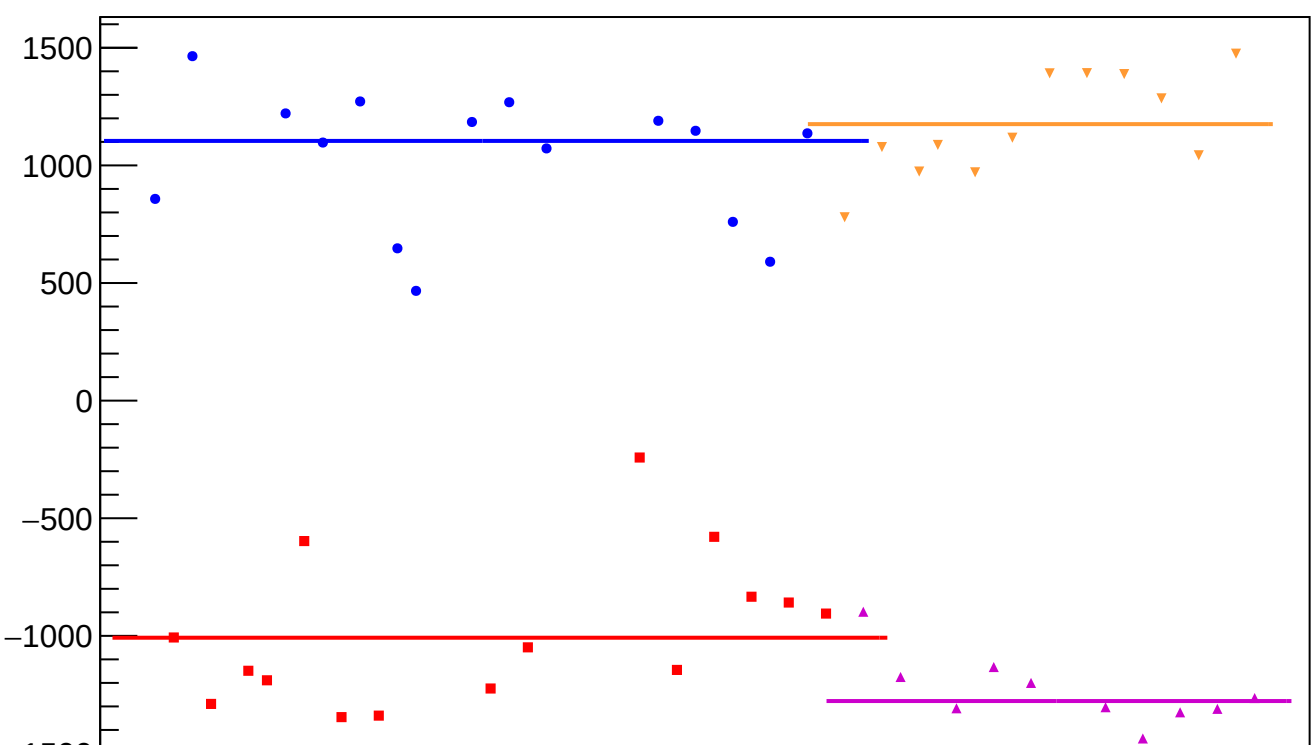
All: 0.010+/-0.000 χ^2/NDF: 5372299402836 1

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27550361217640137
Right Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.385+/-0.000 χ^2/NDF:7658632015844553503510259302400.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8437772031365799 9
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1717963471846

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

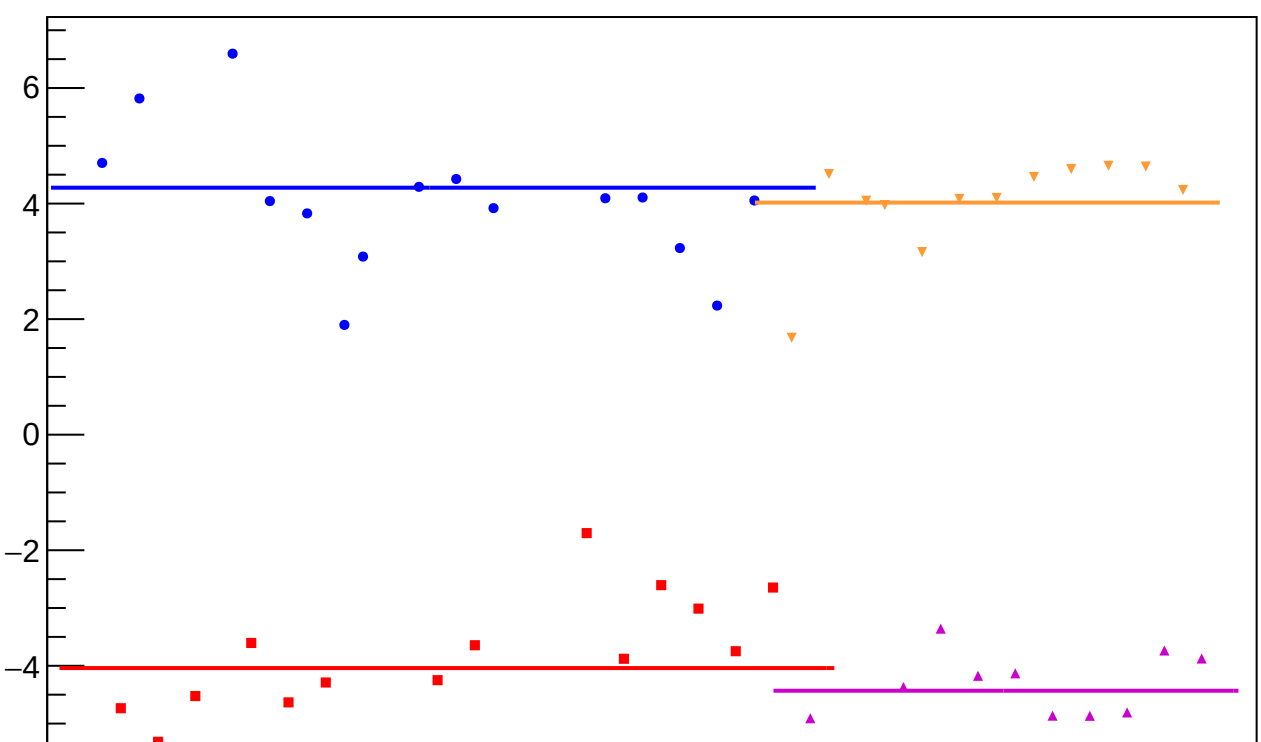
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.223+/-0.000 χ^2/NDF: 33815816136845994

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 2410811716301541 6

Left Out: 4.017+/-0.000 χ^2/NDF:618248057516763535647221148024832.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

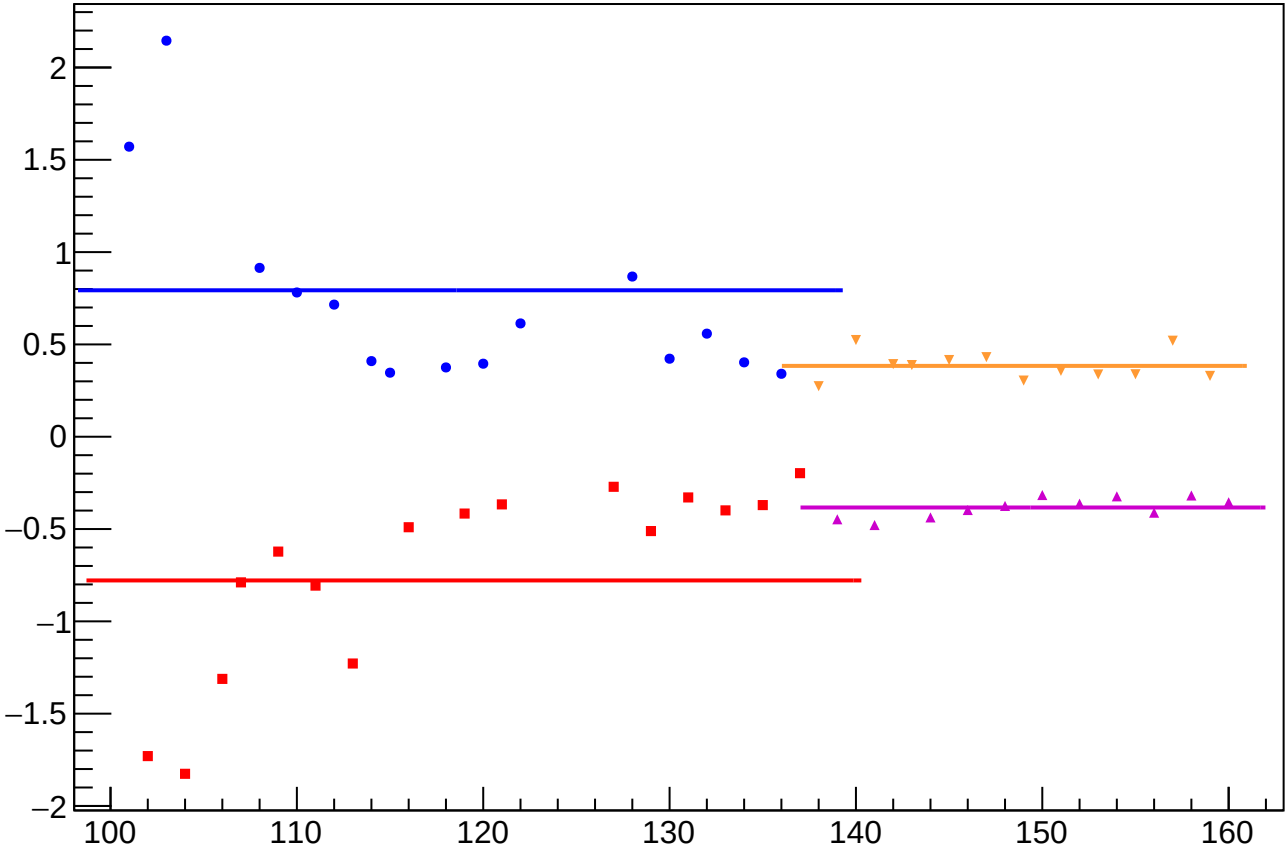
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.625+/-0.000 χ^2/NDF:2645376445108652 21

Left In: -4.432+/-0.000 χ^2/NDF:3456027031912457705542103638999 04.0/10

All: -0.105+/-0.000 χ^2/NDF: 5798588816900

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27885771239610807

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.384+/-0.000 χ^2/NDF:5453192114665634094551262035968.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

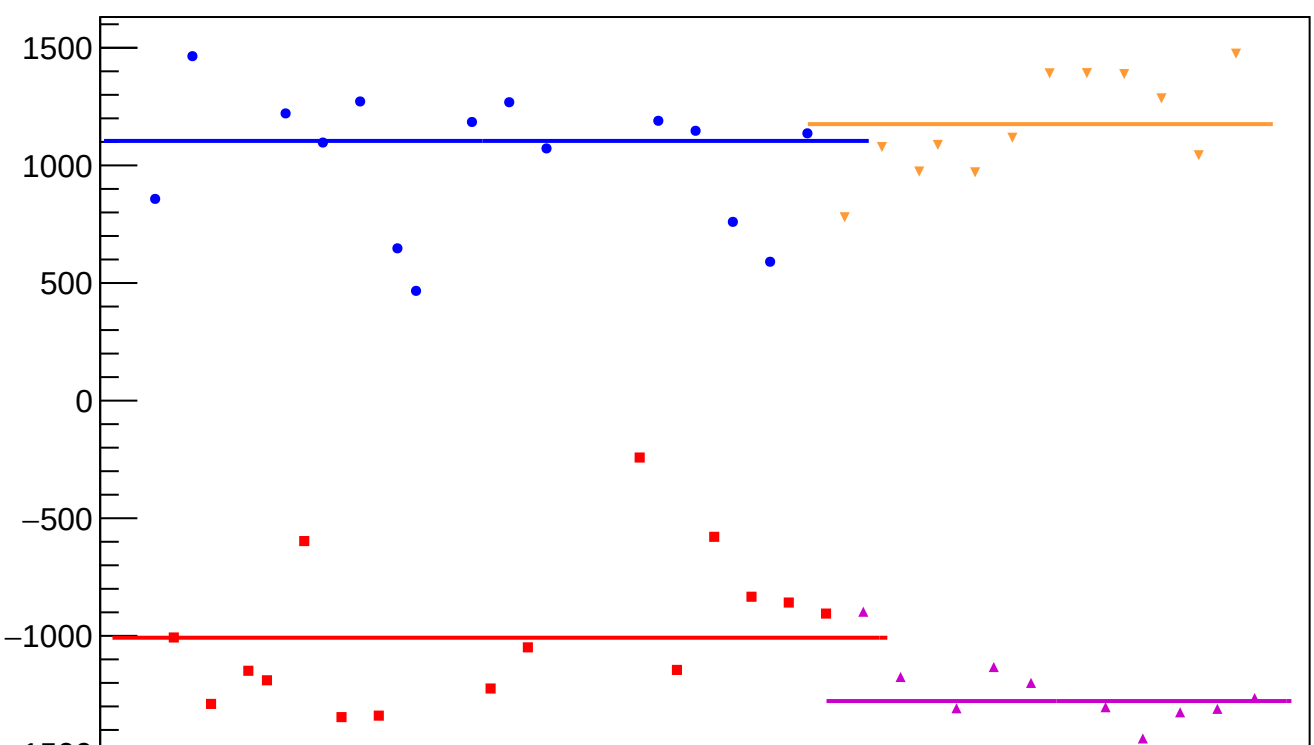
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71279654868579041

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1472702124552

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

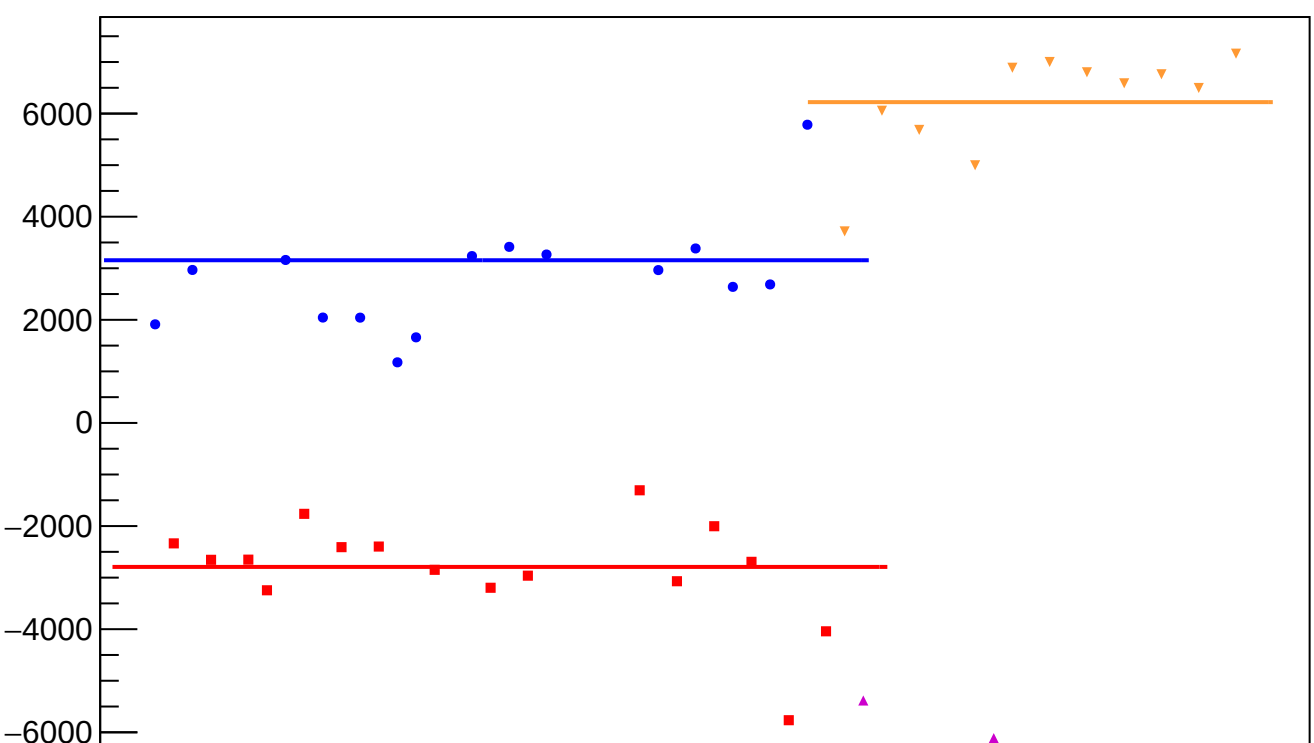
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -454.300+/-0.000 χ^2/NDF: 738136150924578

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6221.938+/-0.000 χ^2/NDF:849977473152285312907595623686819807232.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

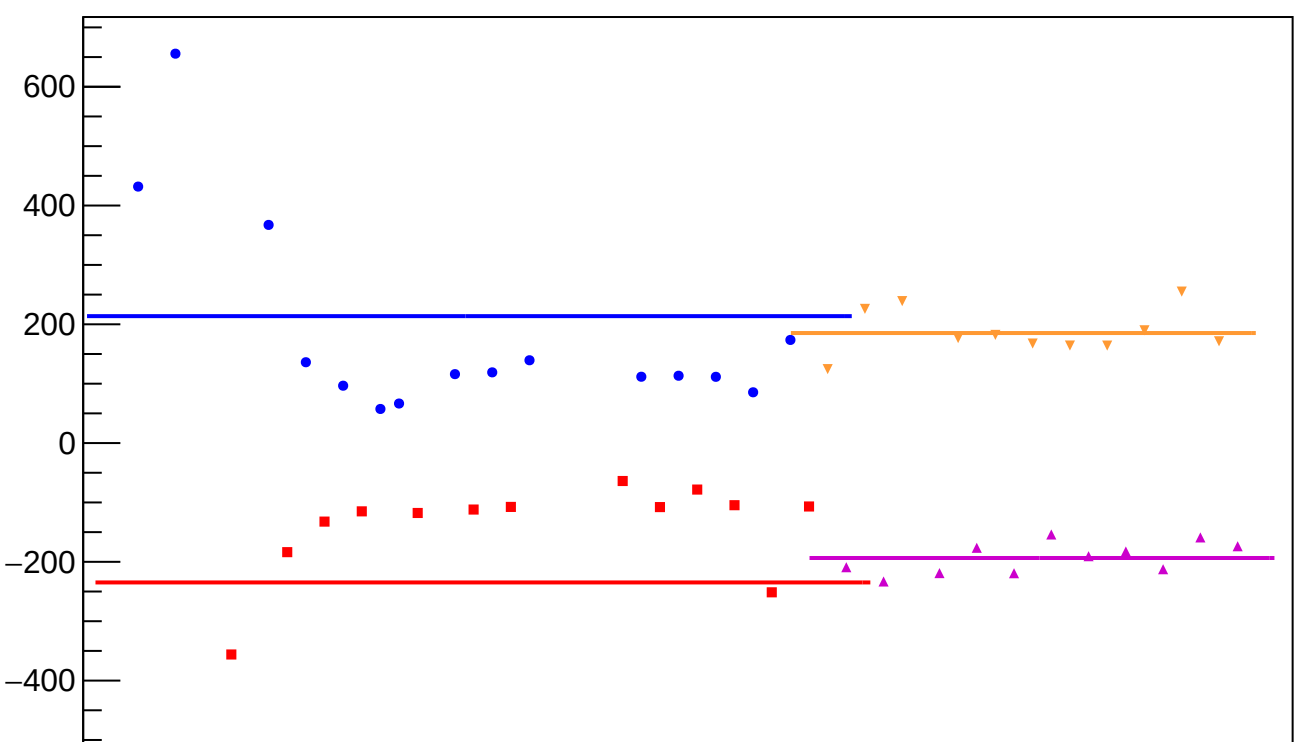
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2258.550+/-0.000 χ^2/NDF:318923154696121

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.802+/-0.000 χ^2/NDF: 8729563468 3

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.027+/-0.000 χ^2/NDF: 6520096149160952

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.291+/-0.000 χ^2/NDF:106372867400635059066183874614866739 2.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

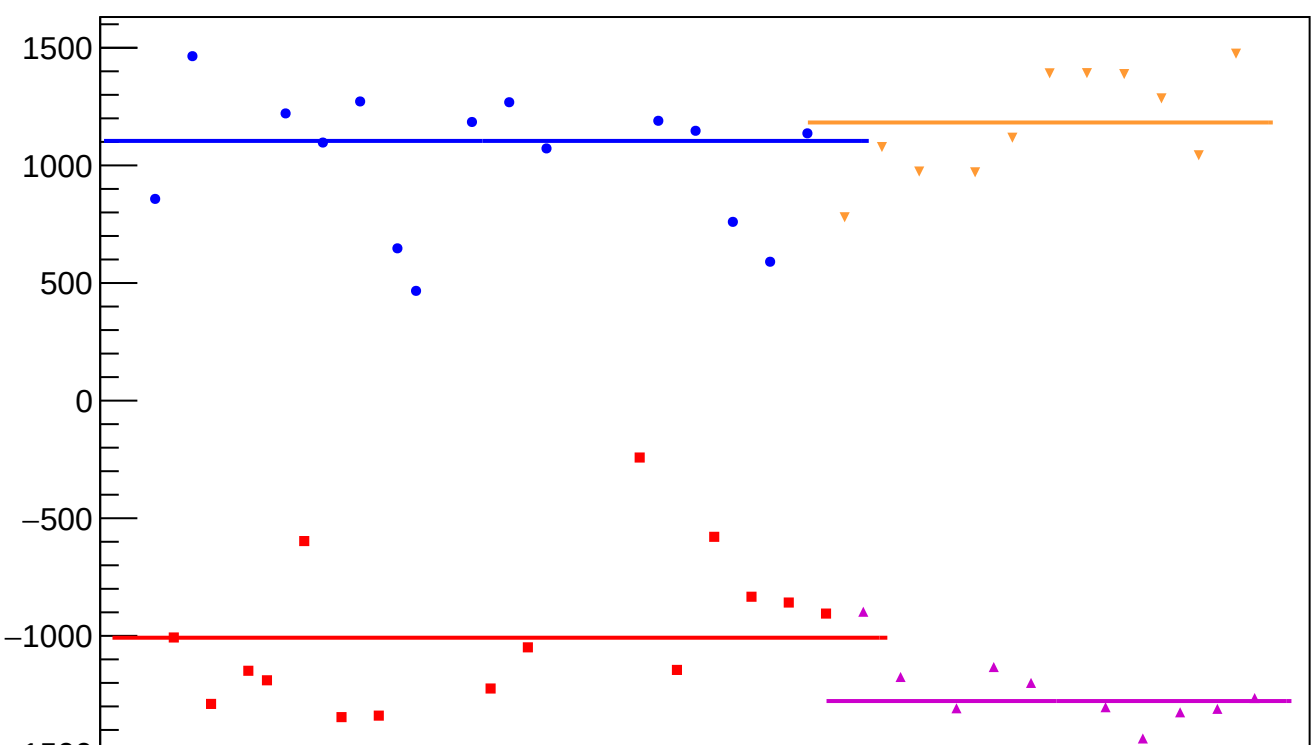
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.623+/-0.000 χ^2/NDF:91004165468701327 7

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.677+/-0.000 χ^2/NDF: 175086374280

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -98.623+/-0.000 χ^2/NDF: 2747203039686591

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1182.447+/-0.000 χ^2/NDF:39401916671919600348661592701888626688.0/10

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

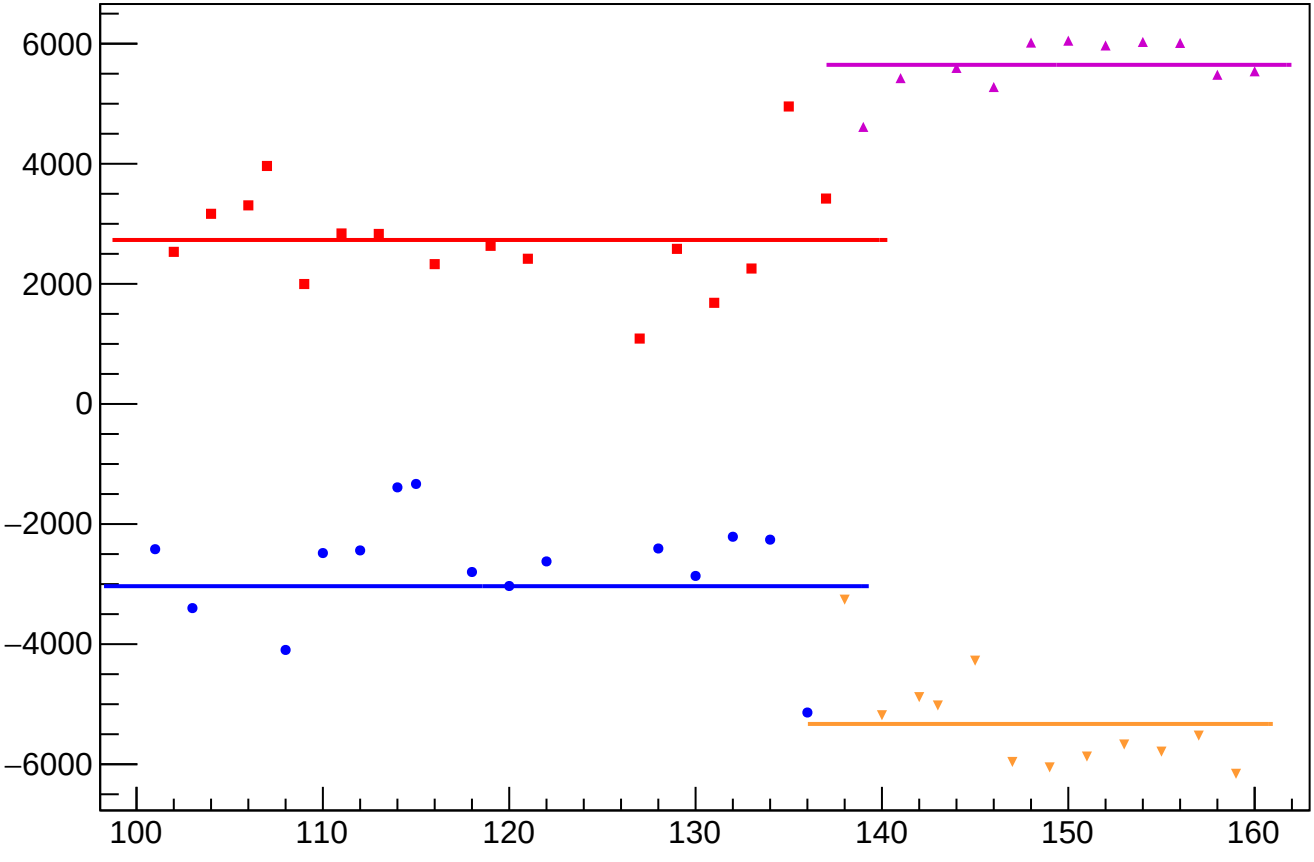
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 219.385+/-0.000 χ^2/NDF:1901508516691993

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

All: -42.286+/-0.000 χ^2/NDF: 432950679043

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.286+/-0.000 χ^2/NDF: 5623960543067202

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5328.796+/-0.000 χ^2/NDF:624360364489310892896763337628232712192.0/11

In: 2065.482+/-0.000 χ^2/NDF:295320427138250

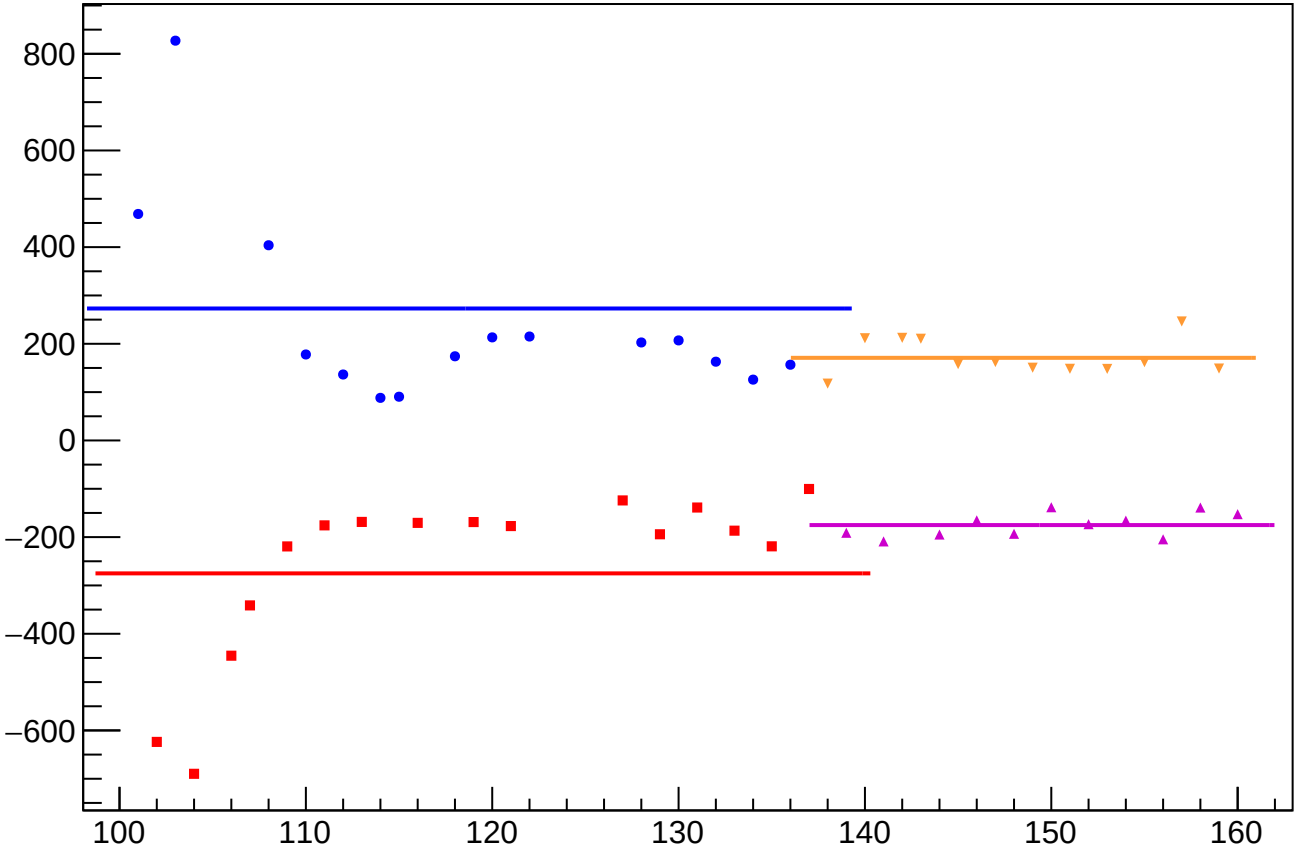
Right Out: 2731.035+/-0.000 χ^2/NDF: 528290847703567991555694629239211950080.0/15

Out: -1934.916+/-0.000 χ^2/NDF:26236367057963

Left In: 5647.632+/-0.000 χ^2/NDF:164214312908035645215126356935491715072.0/10

All: 58.314+/-0.000 χ^2/NDF: 6839876914332

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.730+/-0.000 χ^2/NDF: 56821332541479007

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 170.956+/-0.000 χ^2/NDF:1172503860973970615331214508834160640.0/11

In: 9.796+/-0.000 χ^2/NDF:103580260160227709

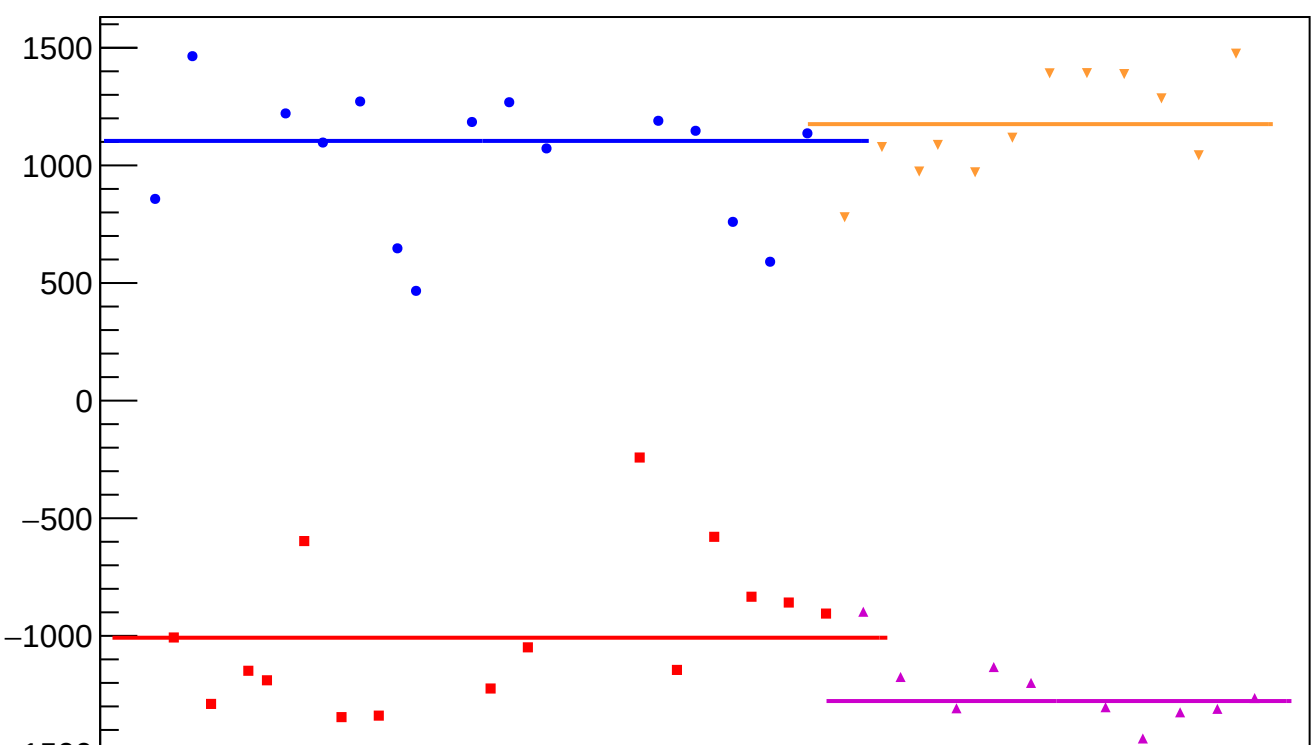
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.848+/-0.000 χ^2/NDF:1002457648325207

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.572+/-0.000 χ^2/NDF: 2043863140361

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

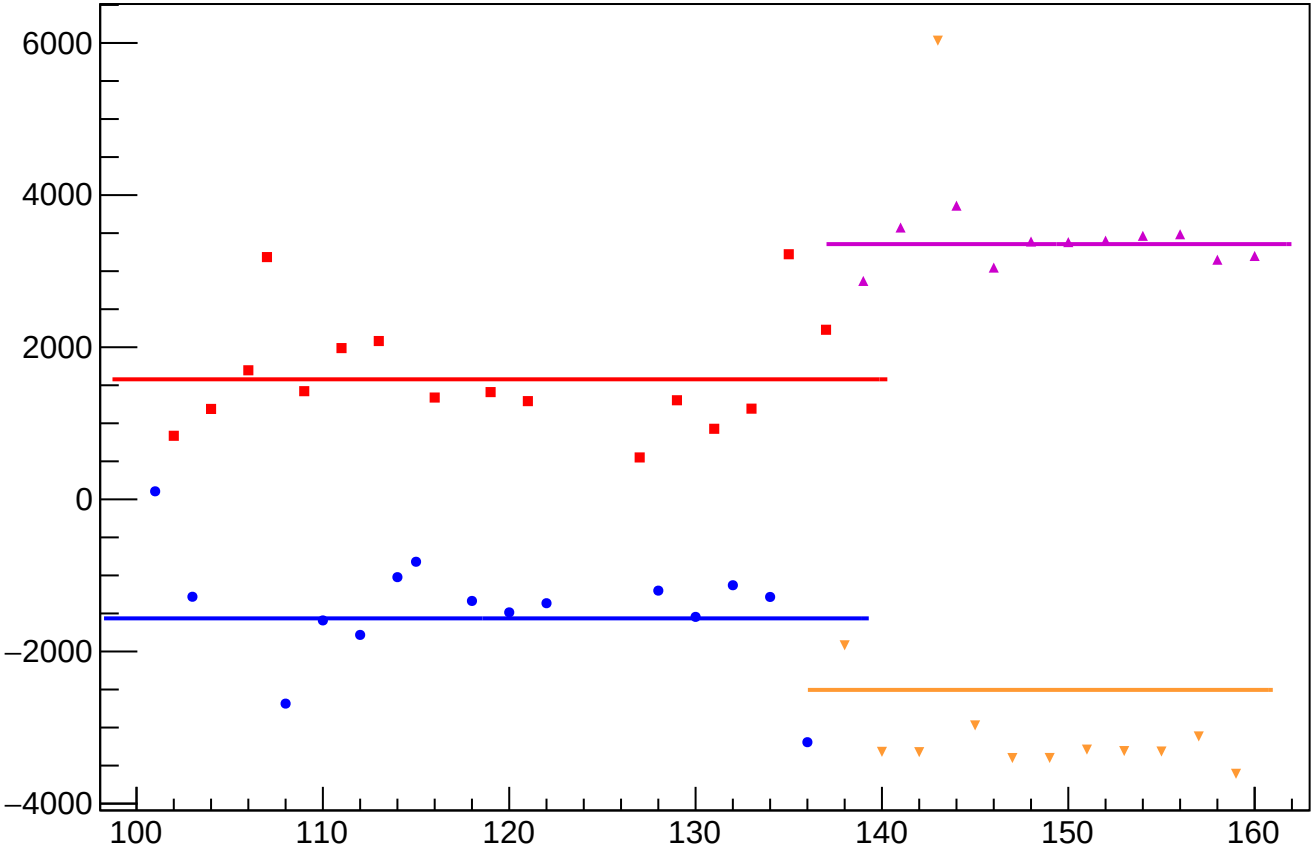
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

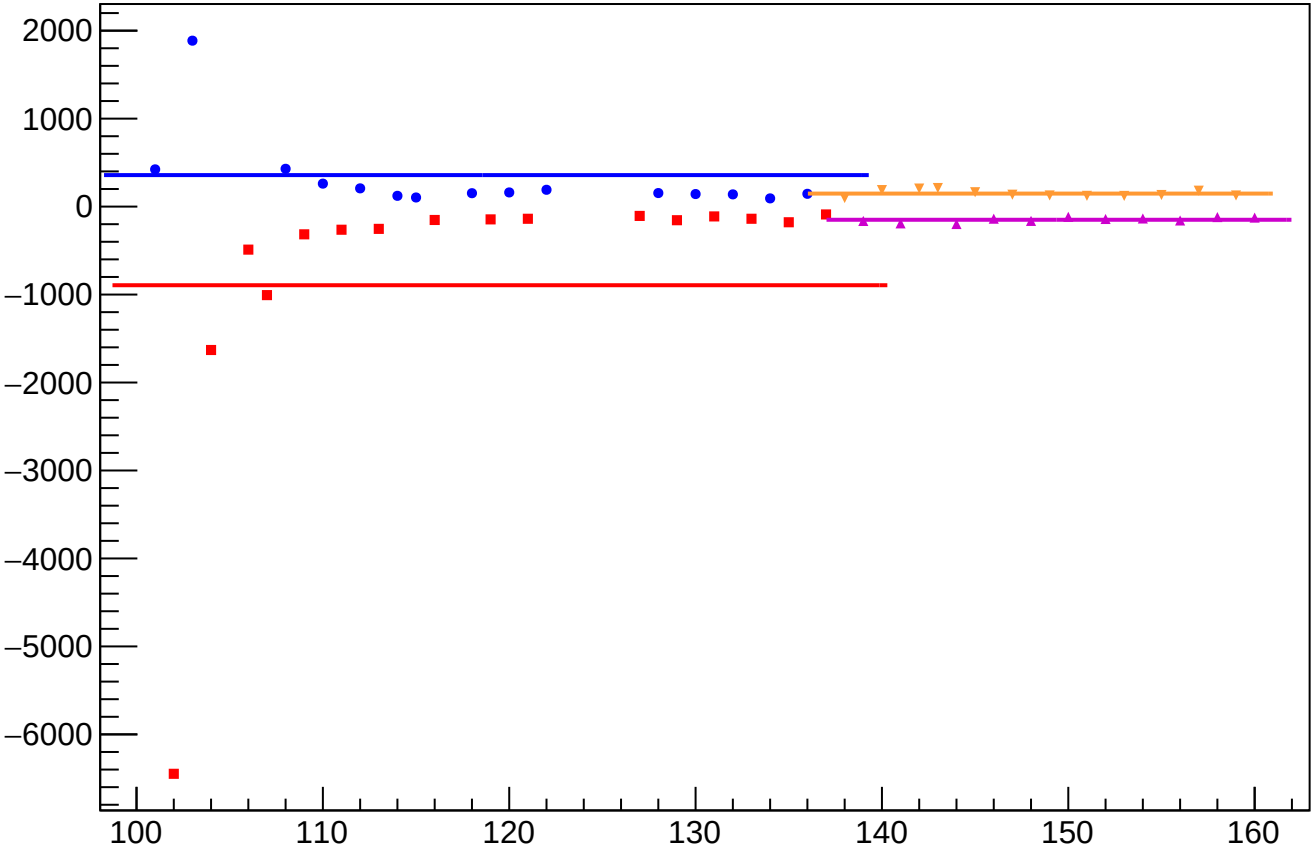
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atl1_coil3_mean vs Slug, Sign Corrected



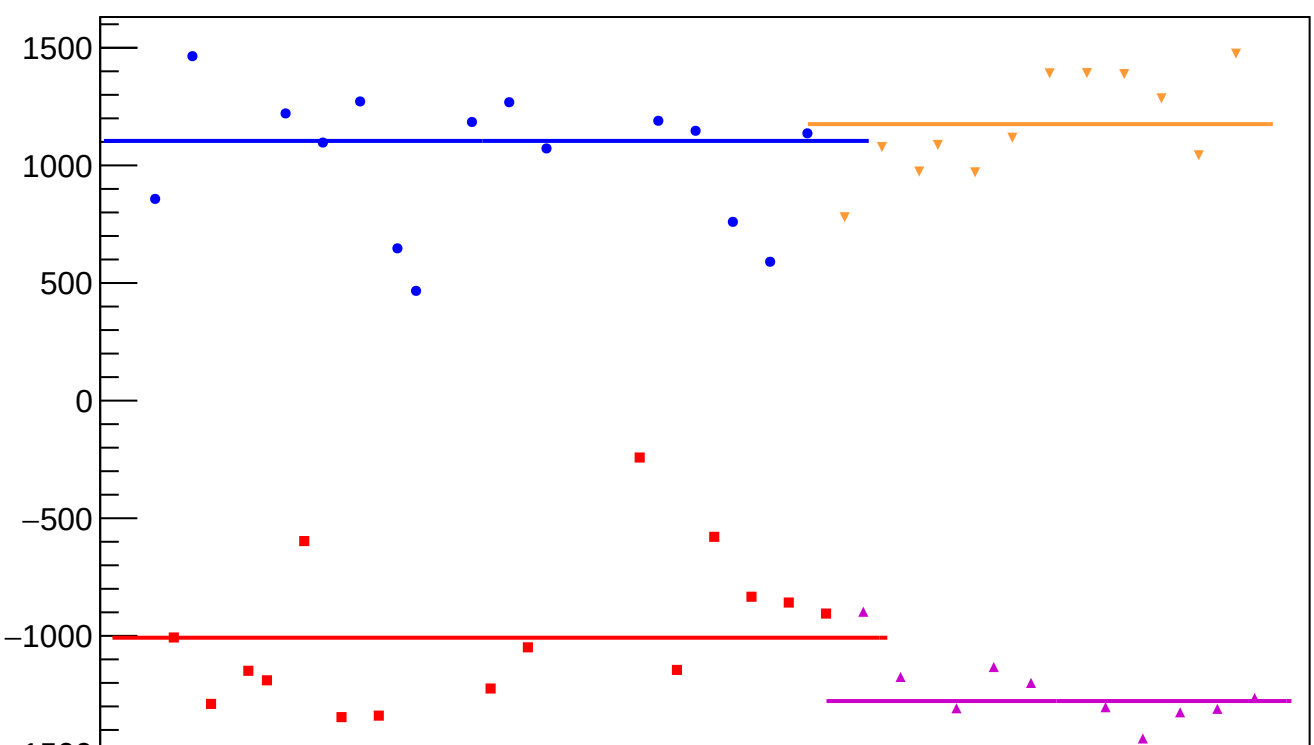
Left: 436.518+/-0.000 χ^2/NDF: 2129229946412922
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2504.960+/-0.000 χ^2/NDF:542249769761323021228329795240040228454 4.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 368450572556217564071963203581098590208.0/15
Out: -785.608+/-0.000 χ^2/NDF:122286097015398
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.345+/-0.000 χ^2/NDF: 25521452375 3

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.543+/-0.000 χ^2/NDF: 42508644529911426
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 147.874+/-0.000 χ^2/NDF:1073020519575473807448825753294077952.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15
Out: -290.801+/-0.000 χ^2/NDF:249606092655030
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.147+/-0.000 χ^2/NDF: 28499505144

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

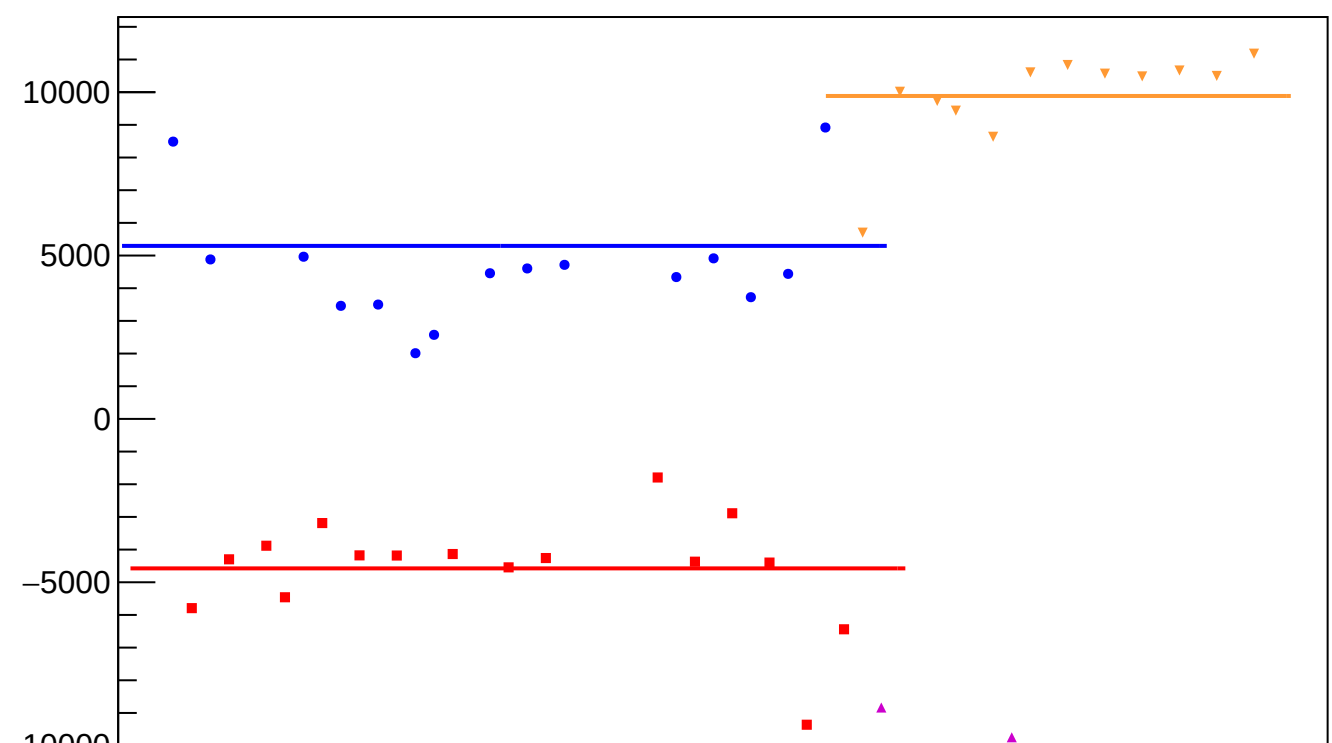
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9883.978+/-0.000 χ^2/NDF:190242889100524840855333644976504019353 6.0/11

Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

Left: -393.990+/-0.000 χ^2/NDF: 195376095713873

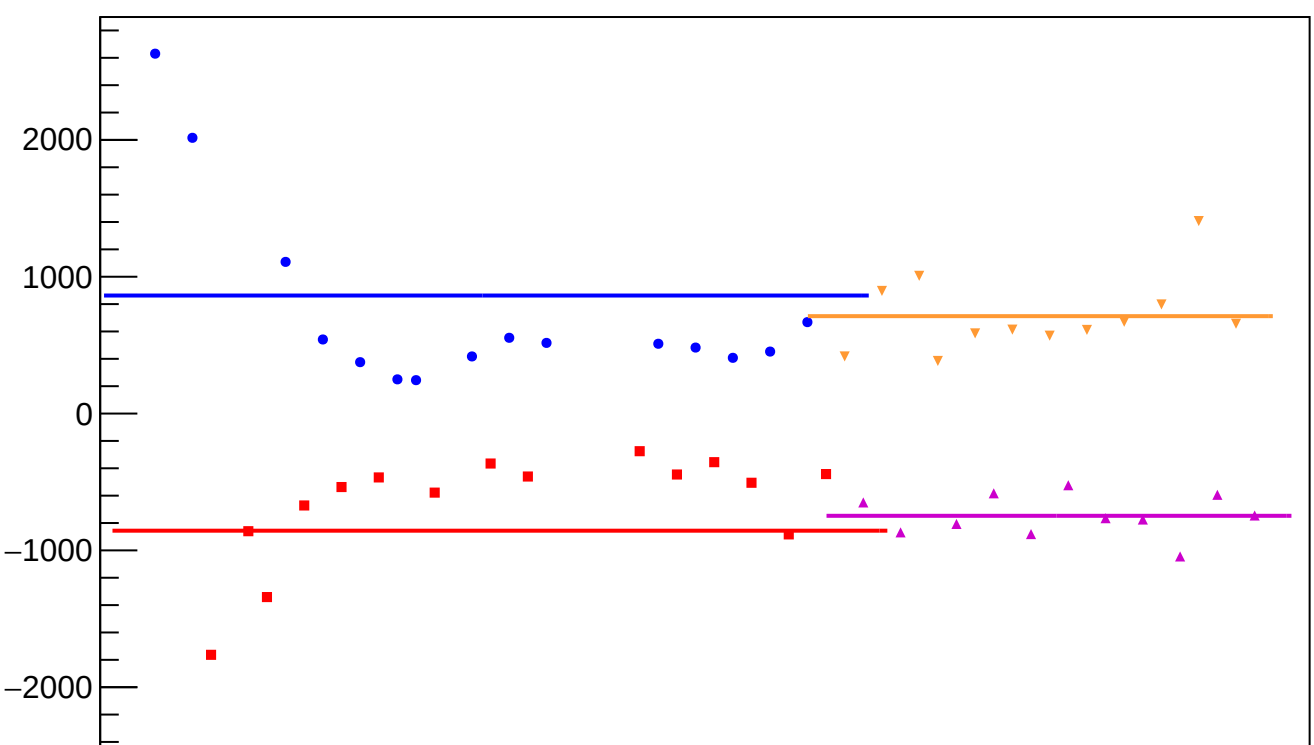
Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

Out: 3795.393+/-0.000 χ^2/NDF:844950893616626

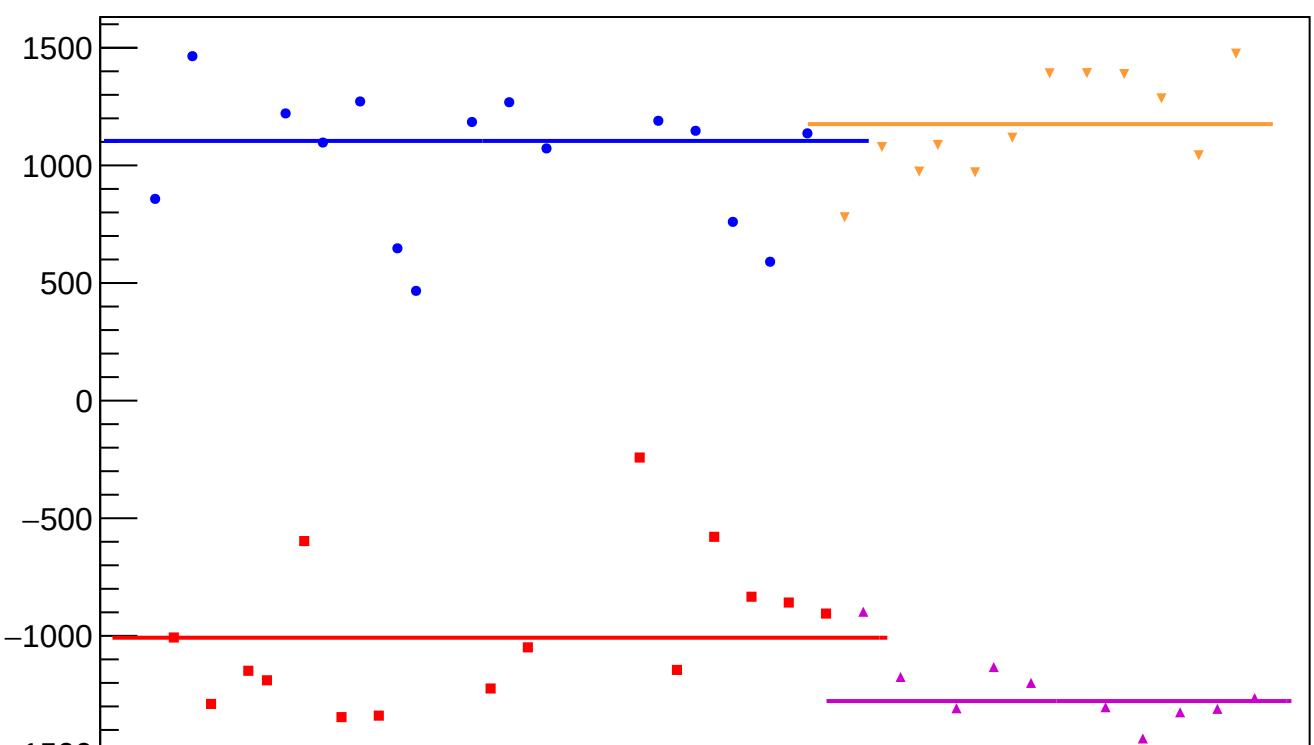
All: -107.783+/-0.000 χ^2/NDF: 23215590234

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.470+/-0.000 χ^2/NDF: 1063996578023286
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 711.884+/-0.000 χ^2/NDF:6439250840462099200876193941770836377 6.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.646+/-0.000 χ^2/NDF:1340881297978957
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.456+/-0.000 χ^2/NDF: 270069498605

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

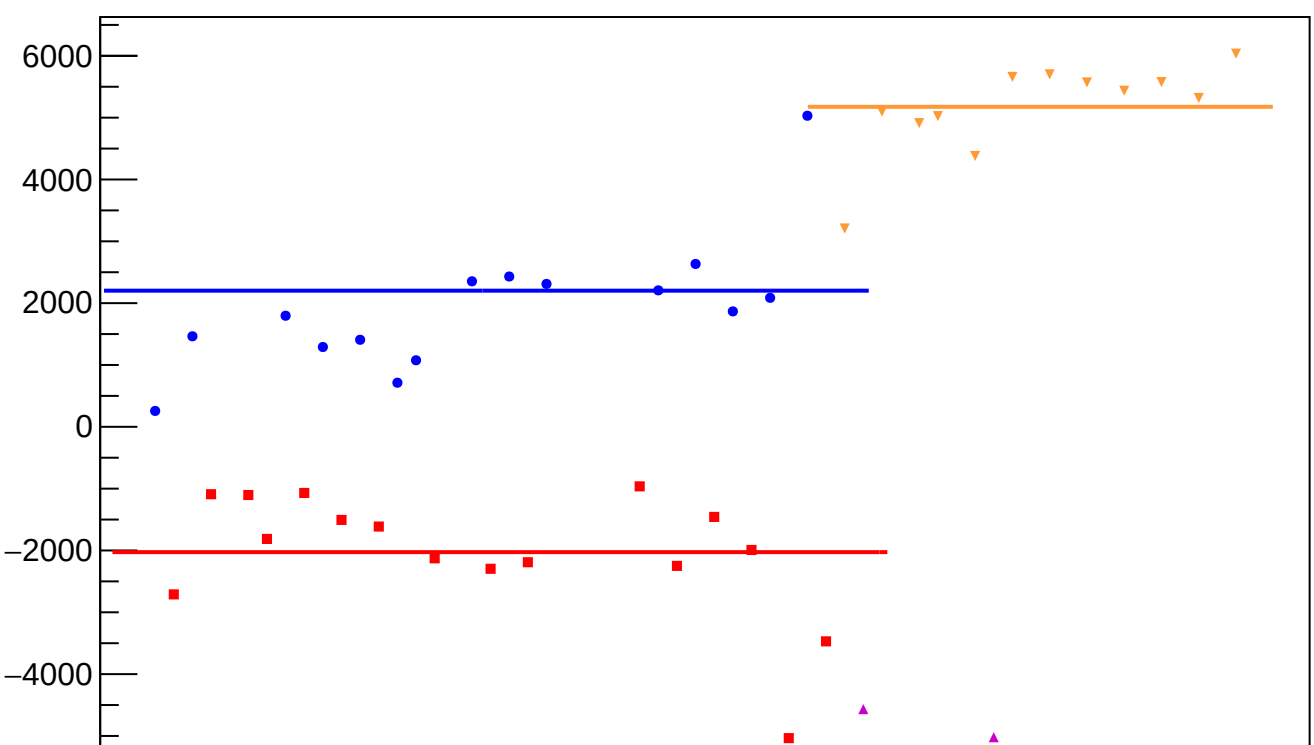
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

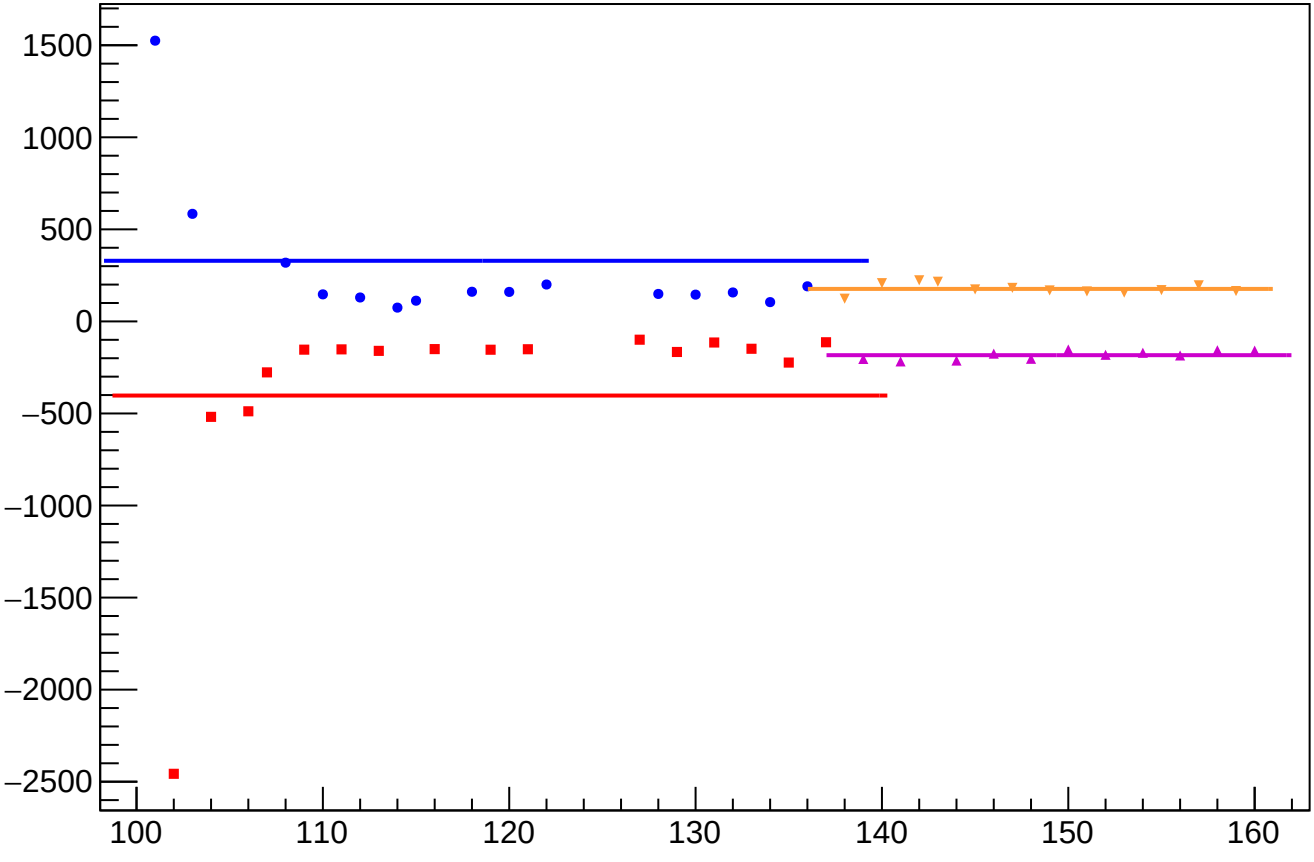
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -171.867+/-0.000 χ^2/NDF: 528584918869395
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5175.489+/-0.000 χ^2/NDF:4911630823988612447776806044453222248192.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2142.635+/-0.000 χ^2/NDF:212307336274695
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.831+/-0.000 χ^2/NDF: 605767549584

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.129+/-0.000 χ^2/NDF: 60681754653319006

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 176.521+/-0.000 χ^2/NDF:60395402064954280965784512077863321 6.0/11

In: 28.098+/-0.000 χ^2/NDF:20392521865557340

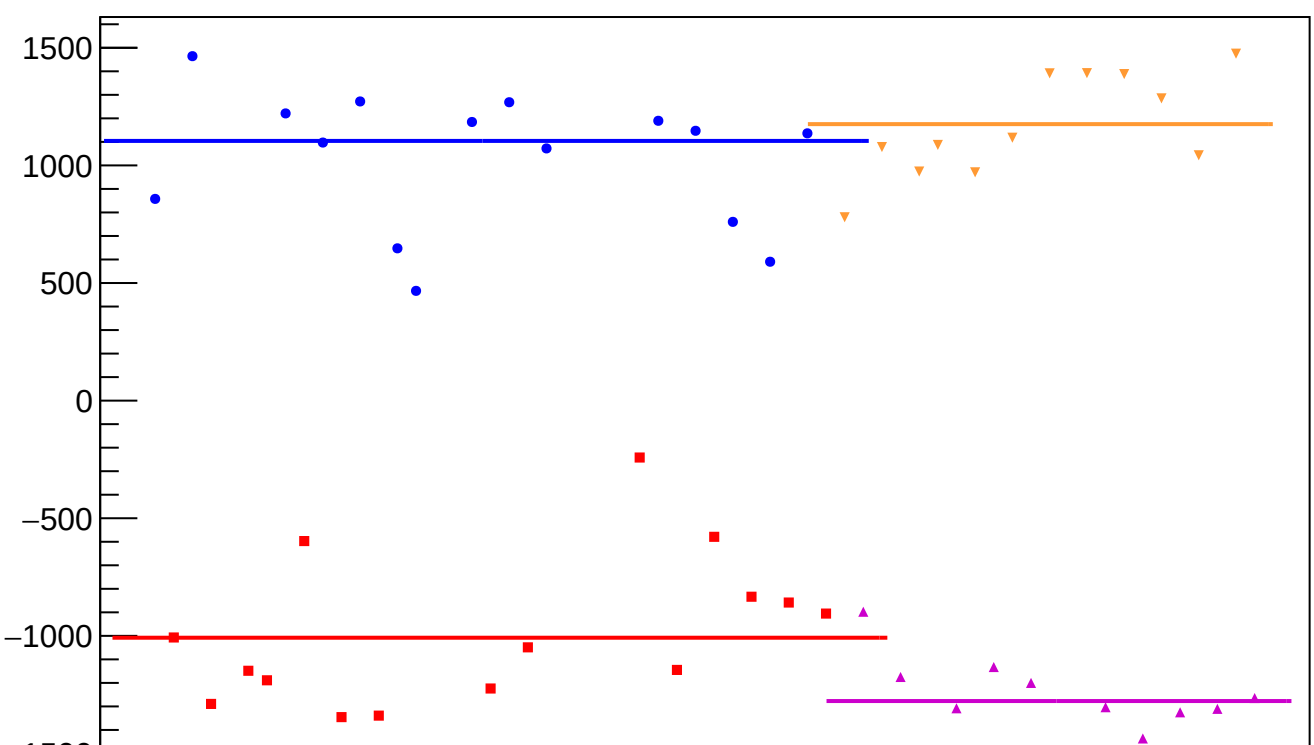
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.377+/-0.000 χ^2/NDF:4077830022508483

Left In: -183.411+/-0.000 χ^2/NDF:45278981401827575163787553565730406 4.0/10

All: -19.806+/-0.000 χ^2/NDF: 618902446479

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

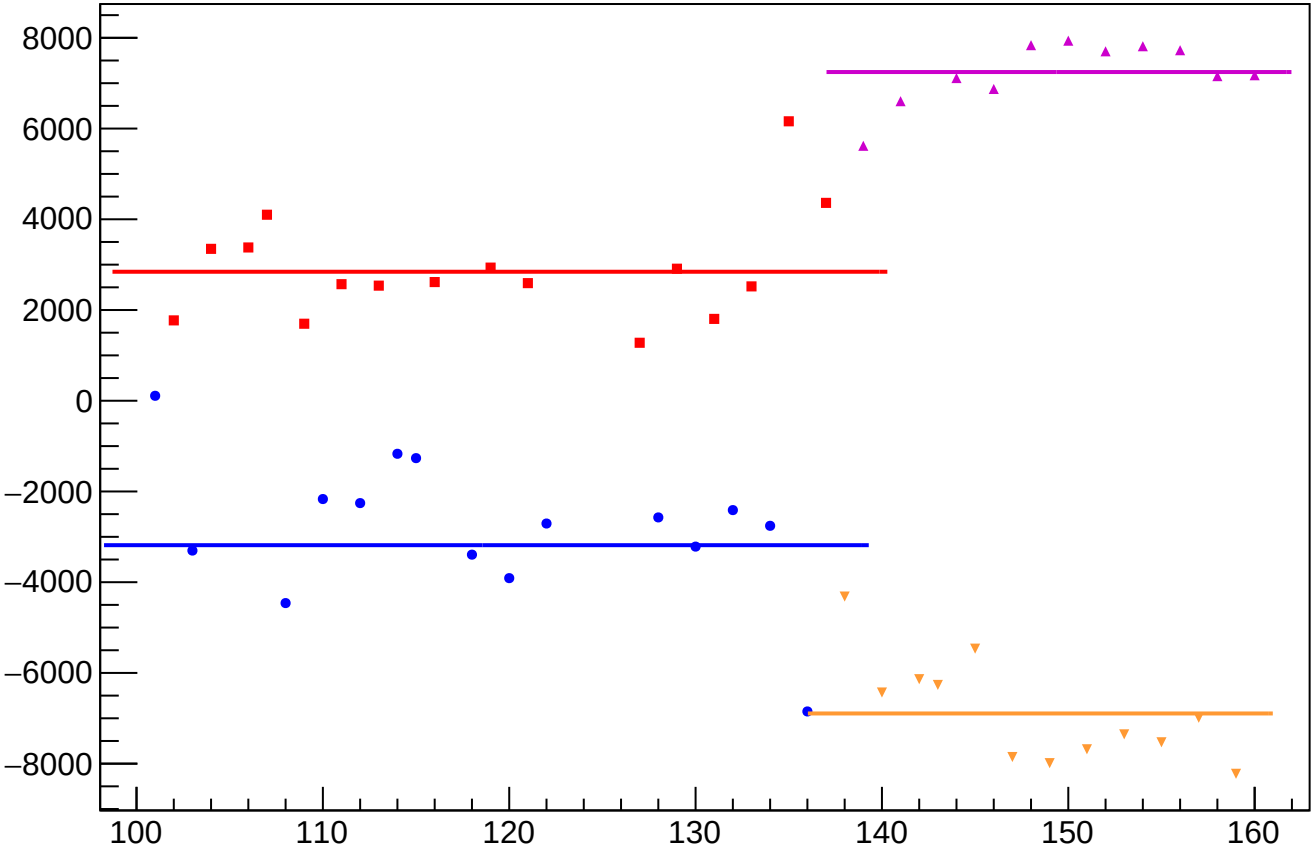
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.020+/-0.000 χ^2/NDF: 9358372073550295

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6893.642+/-0.000 χ^2/NDF:116679699255139559190048971936861729587 2.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336 6

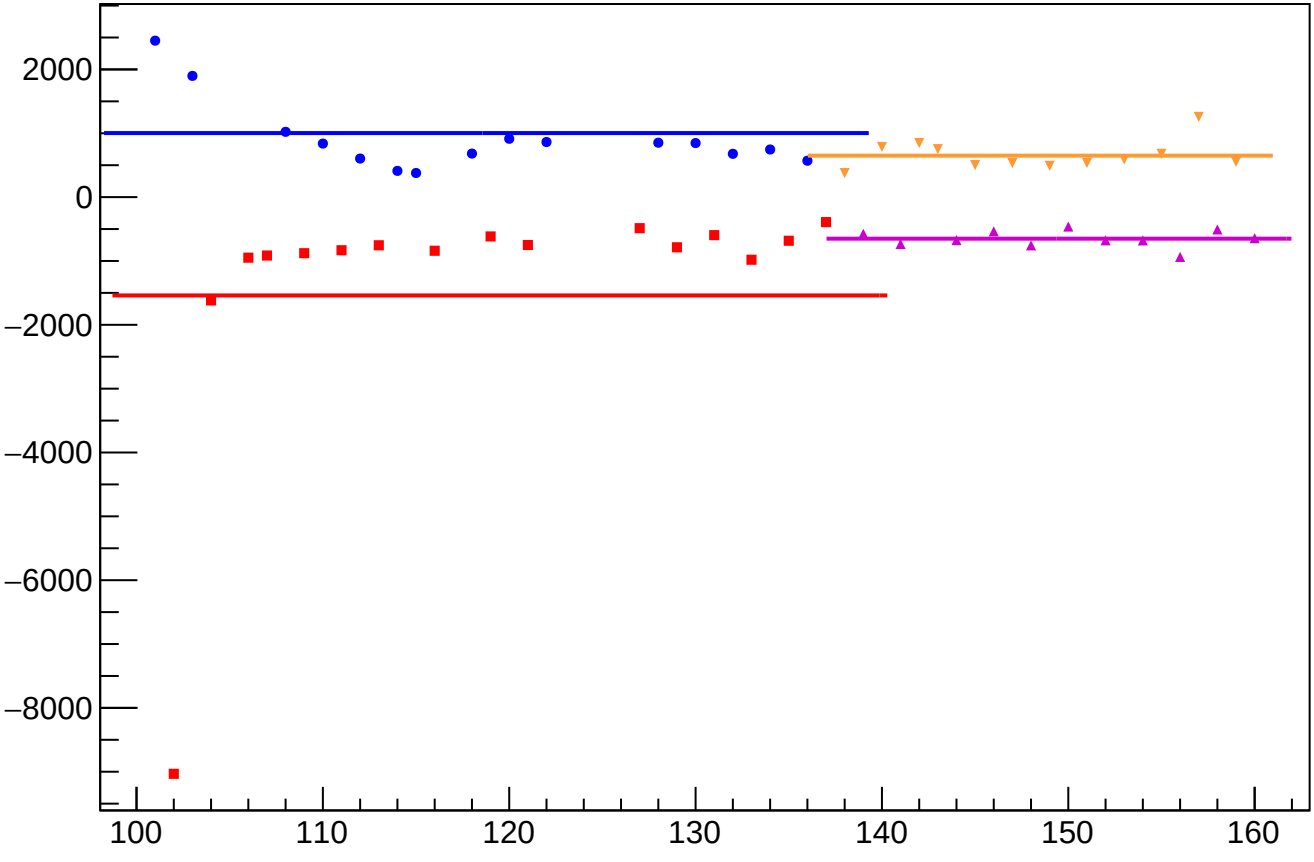
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2793.428+/-0.000 χ^2/NDF:3872487637936 7

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.640+/-0.000 χ^2/NDF: 1087009722996

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.131+/-0.000 χ^2/NDF: 83891546678998356

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 649.450+/-0.000 χ^2/NDF:460645701363968551689380234551298621 44.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

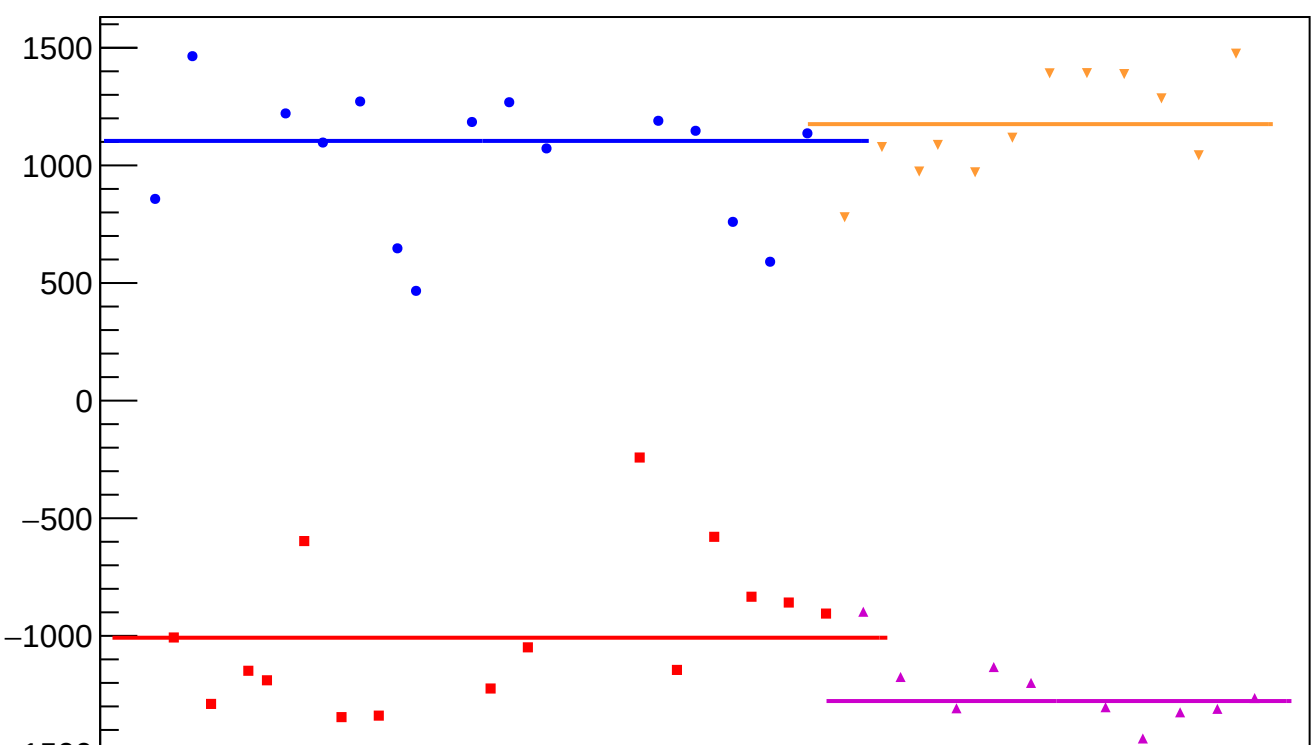
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.314+/-0.000 χ^2/NDF:551112500200463

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.825+/-0.000 χ^2/NDF: 68618344036

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

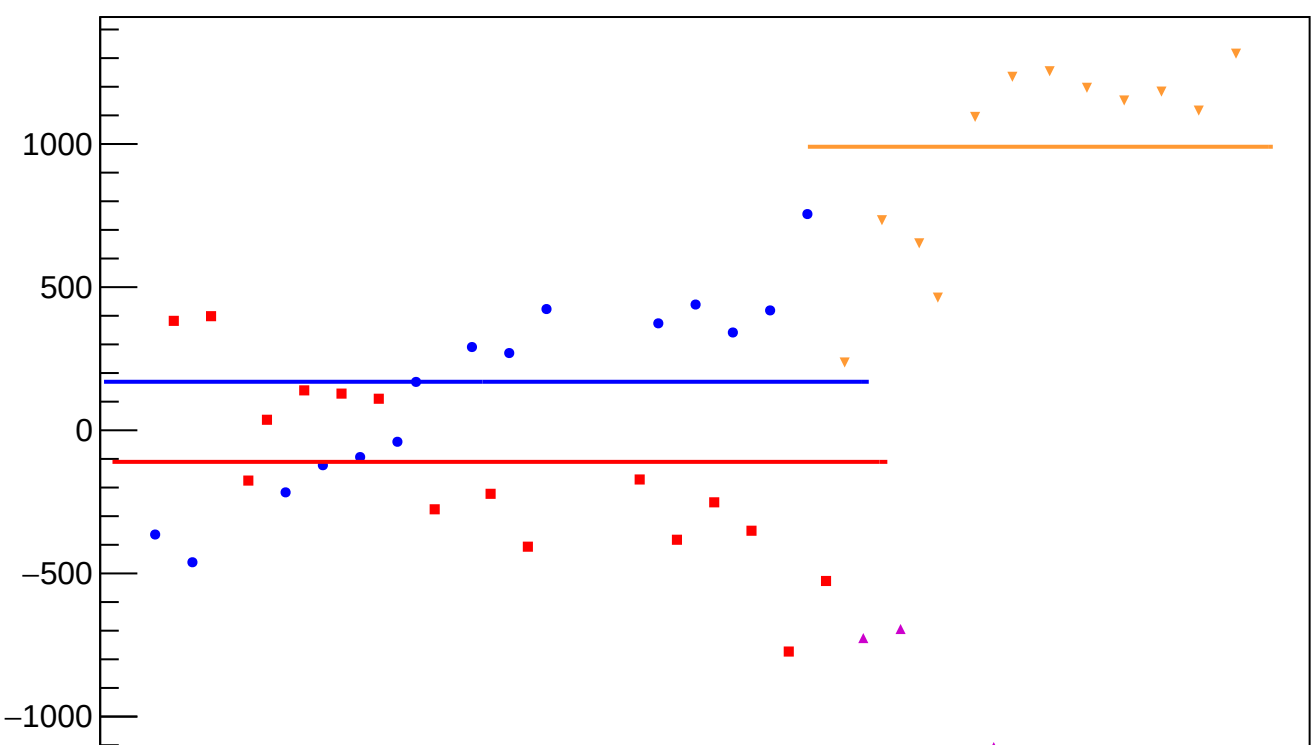
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.881+/-0.000 χ^2/NDF: 2168067590468857

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 990.430+/-0.000 χ^2/NDF:1030909105316597543128825016539917844 48.0/11

In: -582.219+/-0.000 χ^2/NDF:753823645580336 4

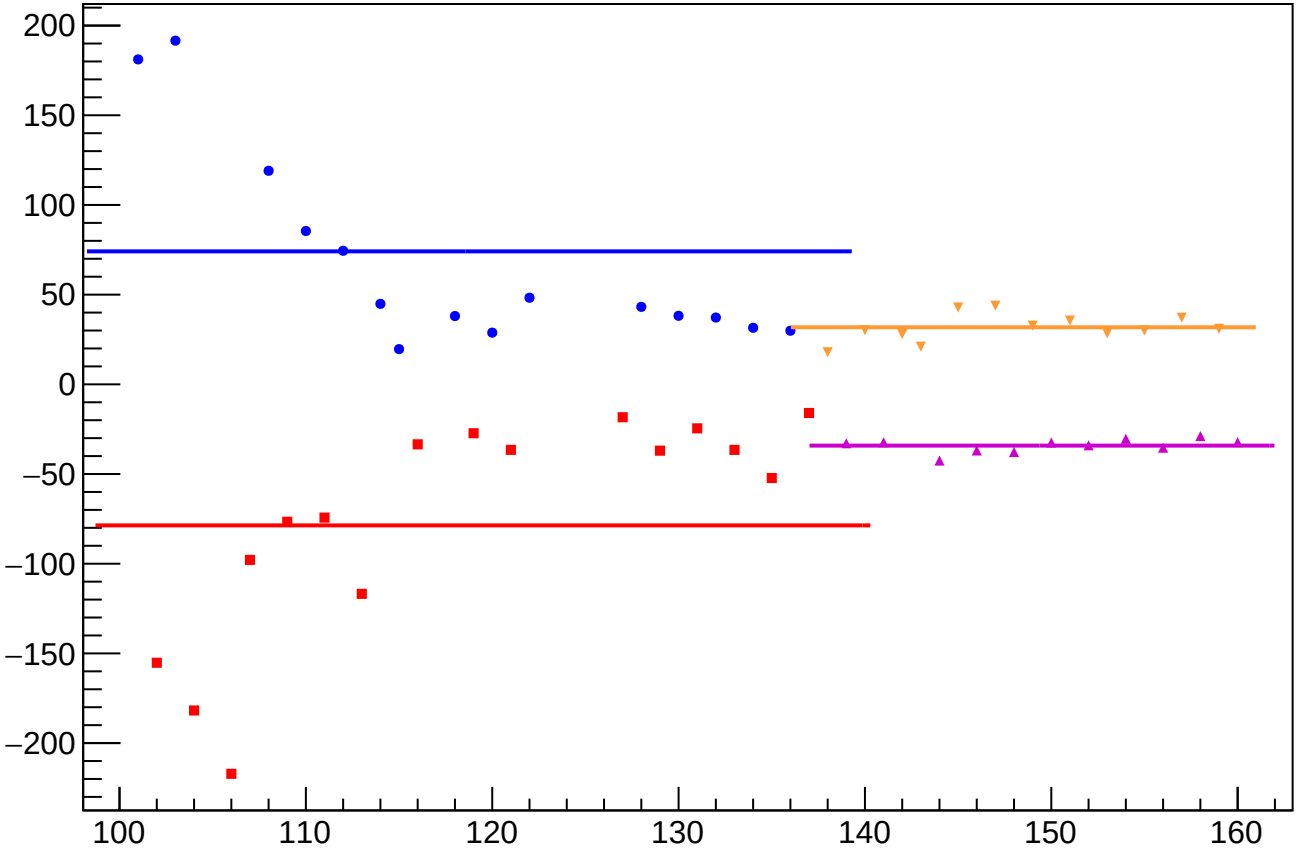
Right Out: -110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

Out: 526.933+/-0.000 χ^2/NDF:642696313962280 1

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.711+/-0.000 χ^2/NDF: 236745671746

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.299+/-0.000 χ^2/NDF: 20652209882891489

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.811+/-0.000 χ^2/NDF:497145027080743558045135334465863 68.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

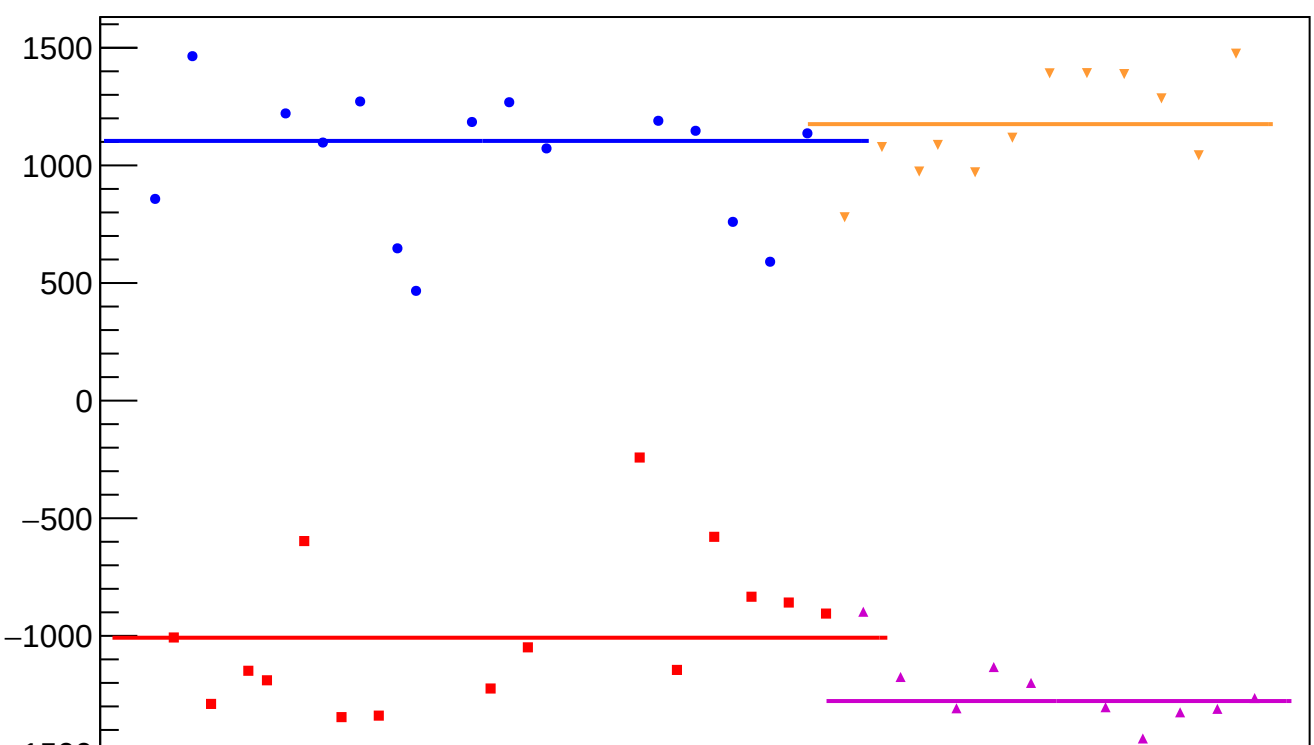
Right Out: -78.633+/-0.000 χ^2/NDF: 234323033687983063876767890353946624 0.0/15

Out: -14.695+/-0.000 χ^2/NDF:7102993372165986

Left In: -34.158+/-0.000 χ^2/NDF:125357817570968280380642442902241 28.0/10

All: -2.132+/-0.000 χ^2/NDF: 1425602893344

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

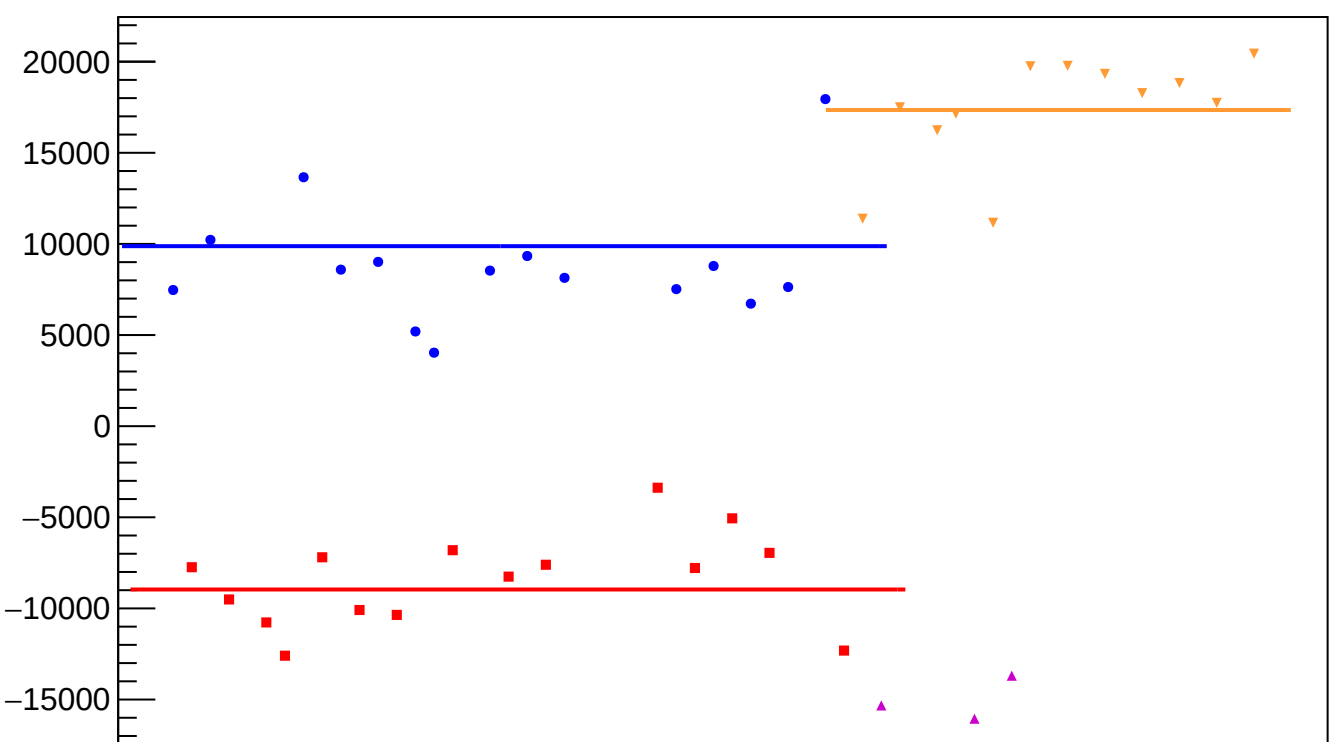
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.341+/-0.000 χ^2/NDF: 585622568661920

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17348.108+/-0.000 χ^2/NDF:82075481085961499217390301224955561695232.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

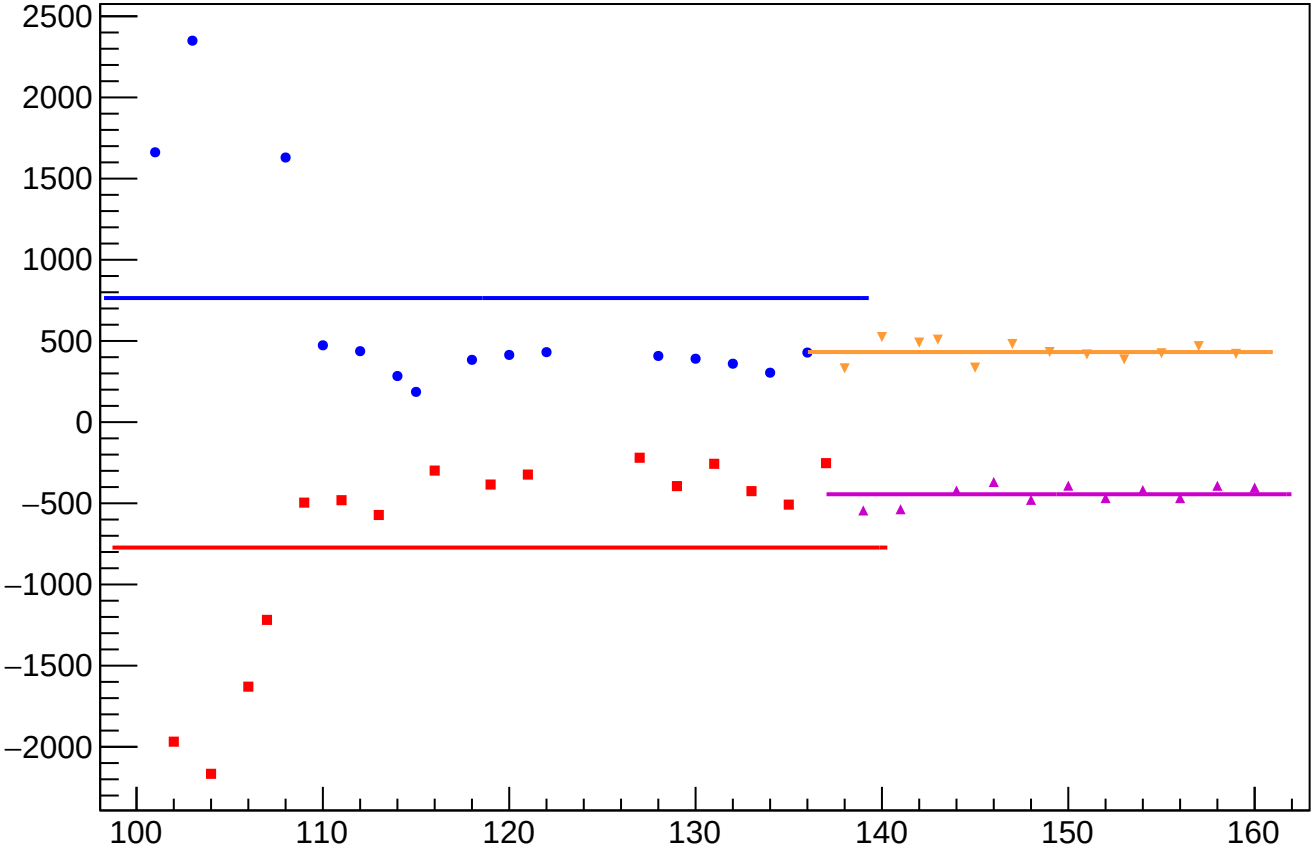
Right Out: -8961.593+/-0.000 χ^2/NDF: 75837286441464614273043208884083354501 12.0/15

Out: 6269.465+/-0.000 χ^2/NDF:283074559168666

Left In: -17962.529+/-0.000 χ^2/NDF:35646982911428111330433446882613175255 04.0/10

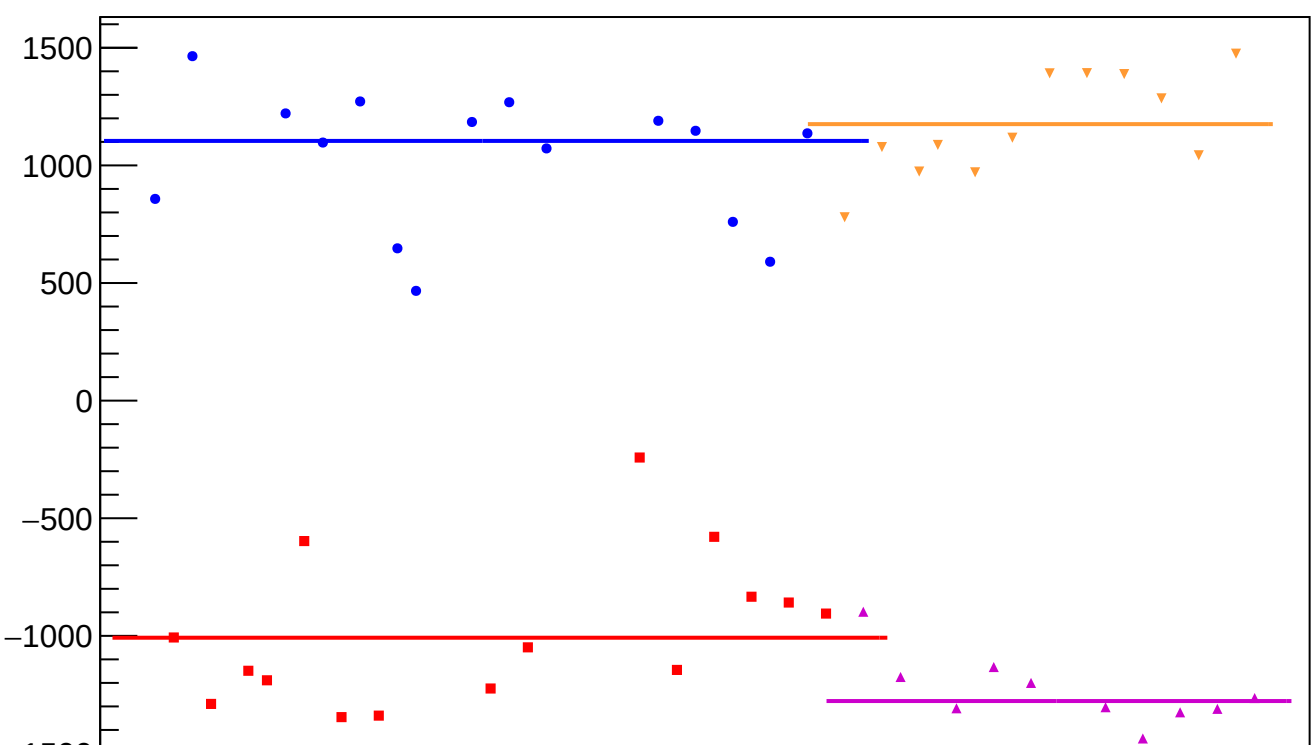
All: -81.304+/-0.000 χ^2/NDF: 718800894609

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.957+/-0.000 χ^2/NDF: 35929144777263772
Right In: 764.284+/-0.000 χ^2/NDF: 290964758058269480005067205020030599168.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 431.662+/-0.000 χ^2/NDF:328042151415945122222291980456348876 8.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.414+/-0.000 χ^2/NDF:8491258746078760
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124 1728.0/10
All: -10.743+/-0.000 χ^2/NDF: 171309640710

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

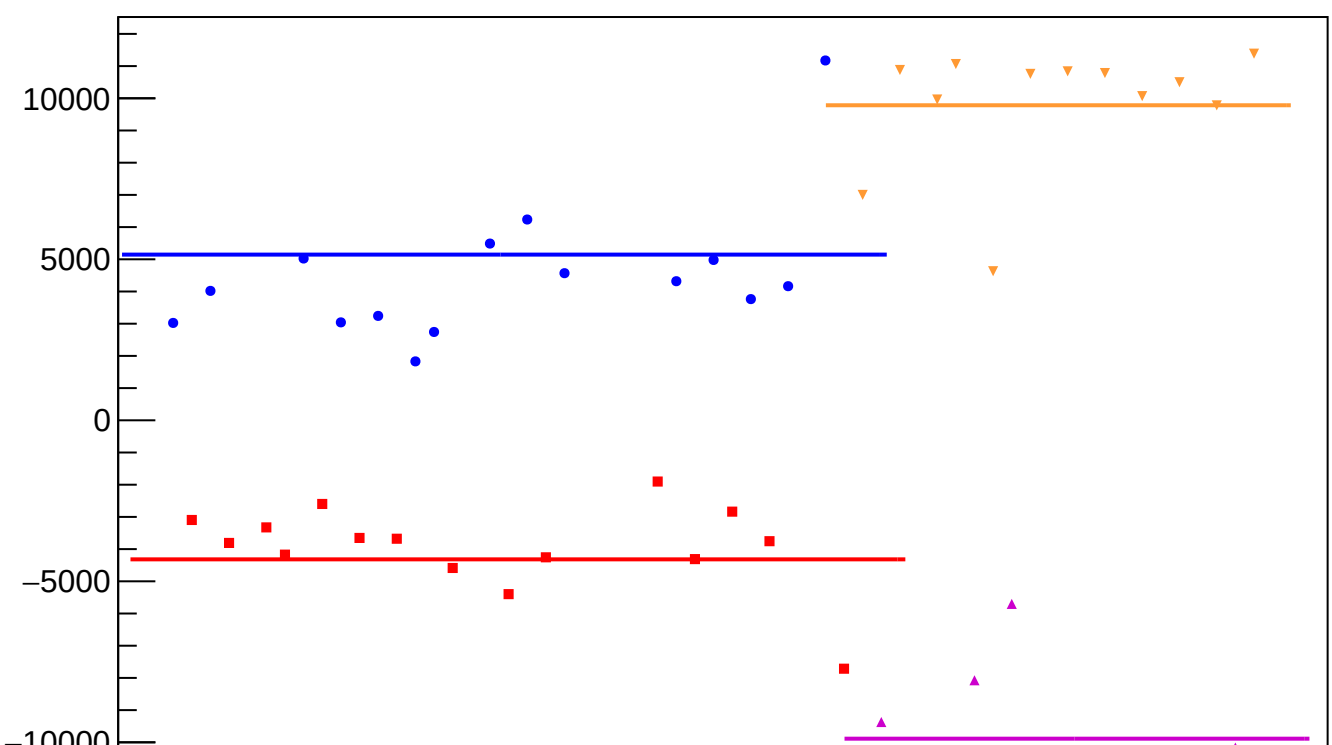
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.120+/-0.000 χ^2/NDF: 1838267625608147

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9783.623+/-0.000 χ^2/NDF:3463460967659182435053933688350532698112.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

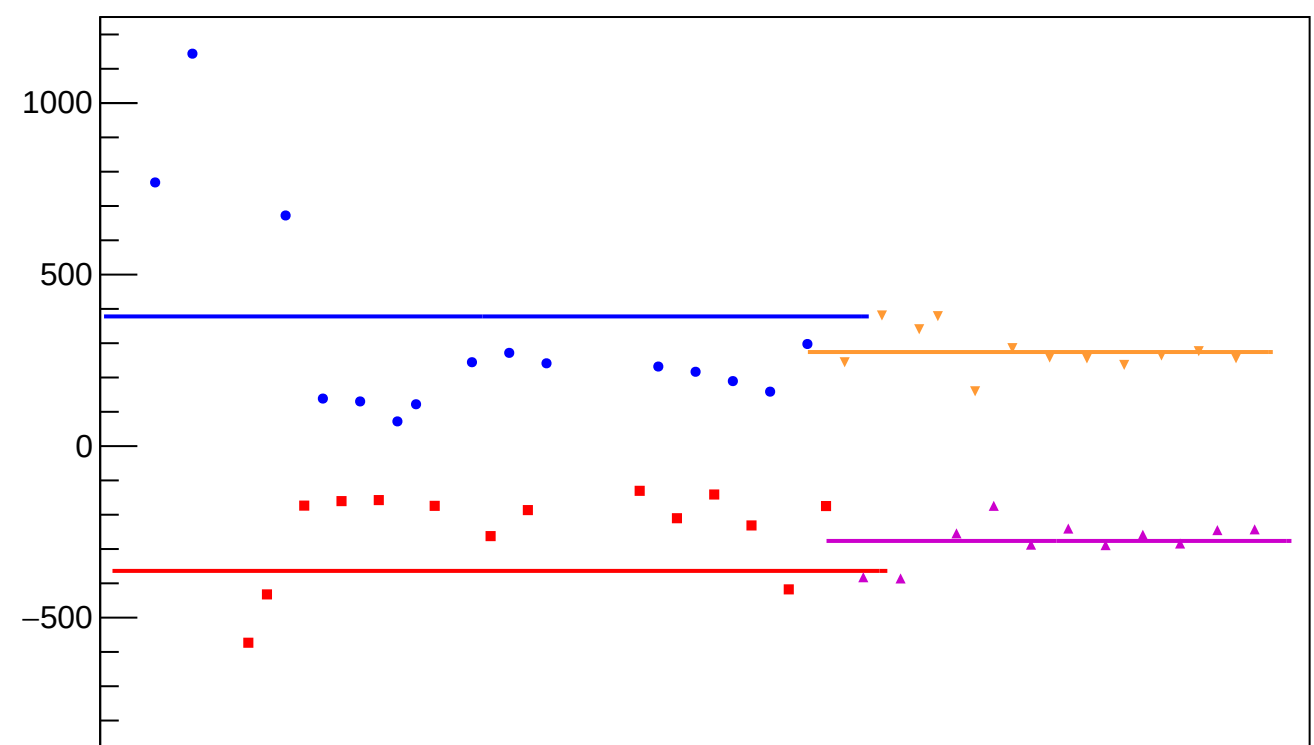
Right Out: -4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

Out: 3845.576+/-0.000 χ^2/NDF:835953332241105

Left In: -9887.069+/-0.000 χ^2/NDF:2278516780225824082632420288802127347712.0/10

All: 93.529+/-0.000 χ^2/NDF: 2210529199103

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.121+/-0.000 χ^2/NDF: 14597084399430561

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 274.281+/-0.000 χ^2/NDF:32108665703217245013068466707706675 20.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

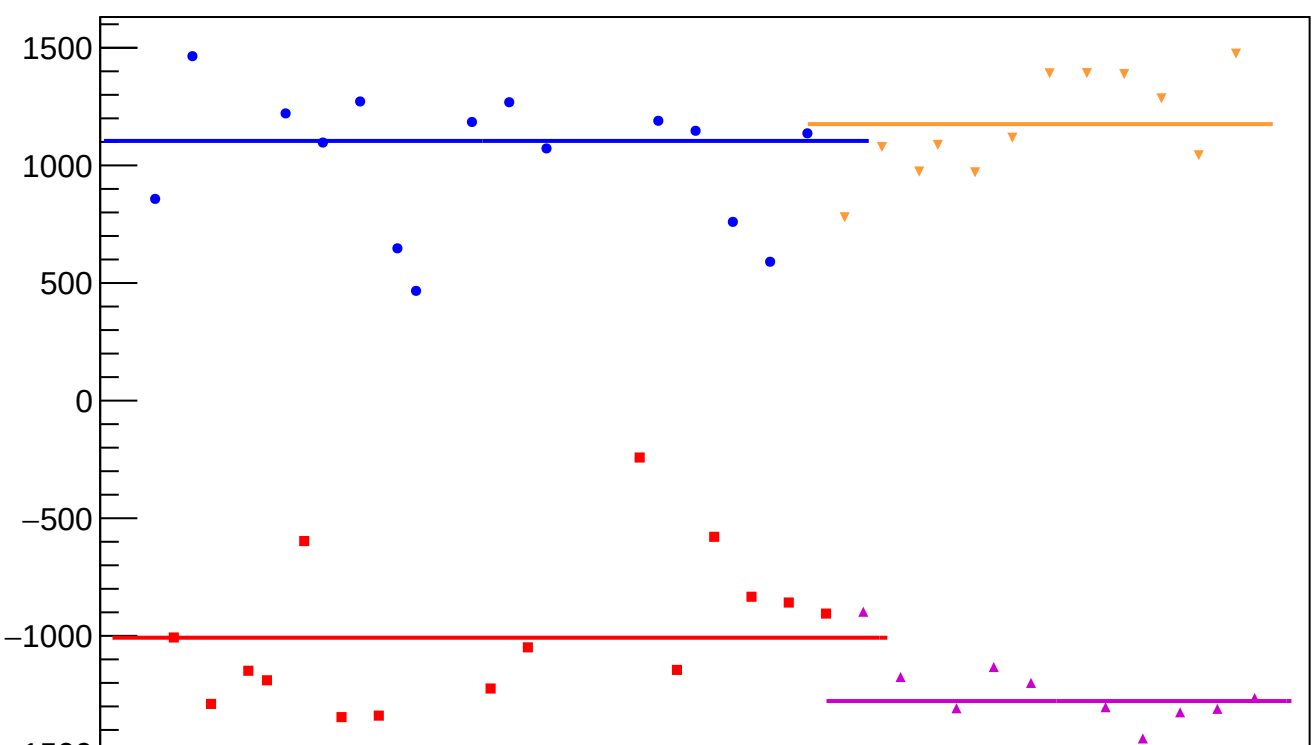
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.606+/-0.000 χ^2/NDF:21944271950927157 7

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4475481806747

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

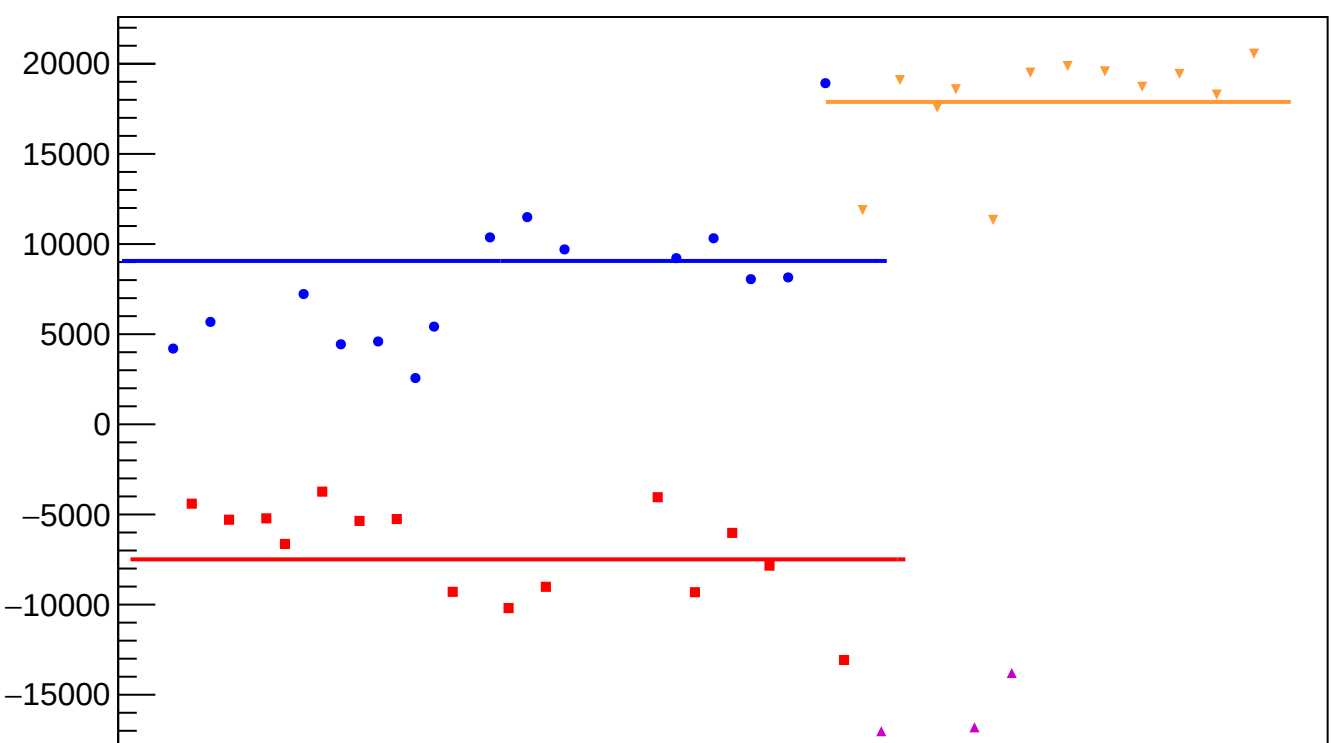
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

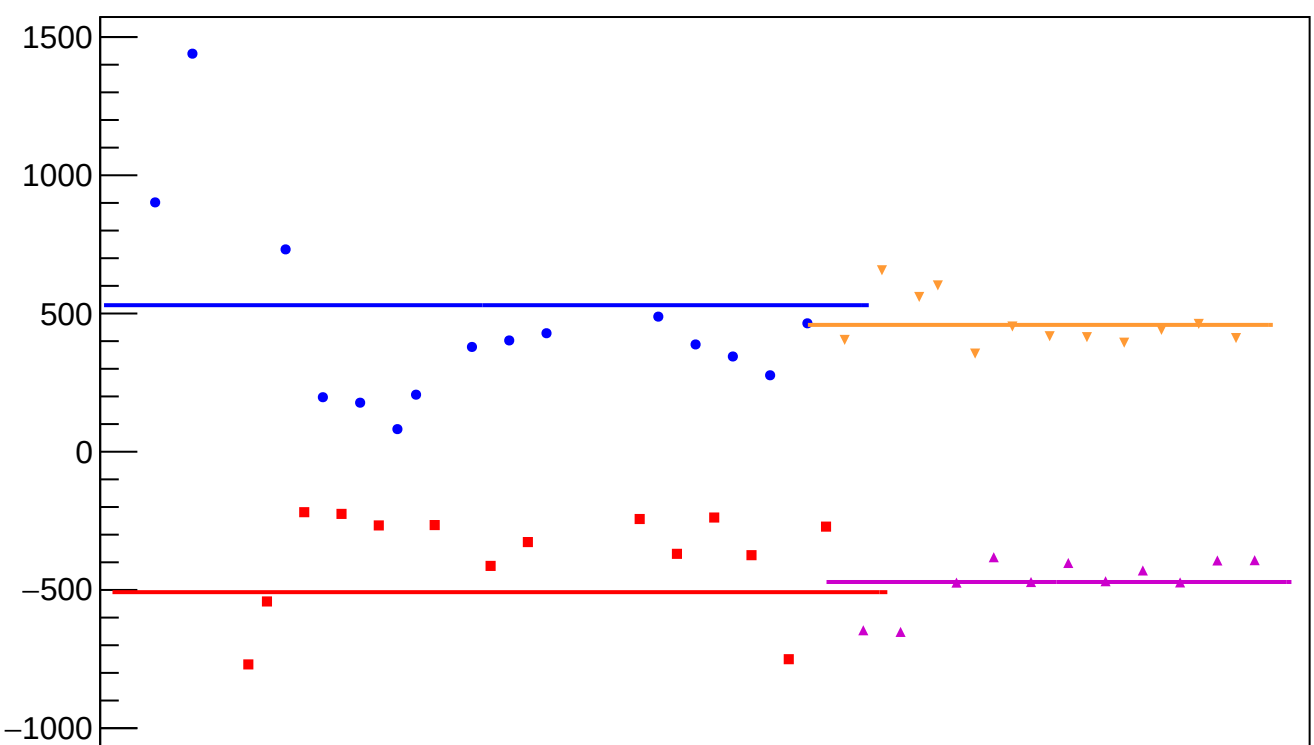
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam4_coil3_mean vs Slug, Sign Corrected



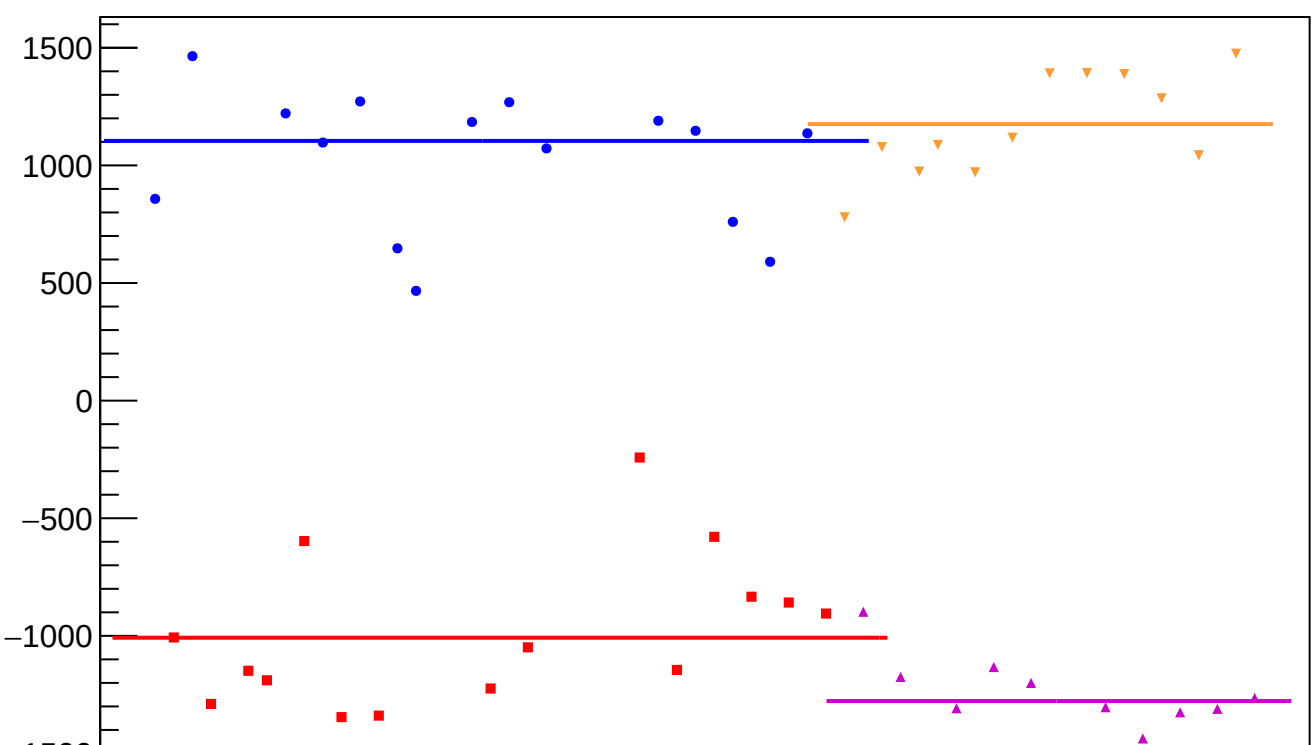
Left: -414.338+/-0.000 χ^2/NDF: 623213570824530
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17884.828+/-0.000 χ^2/NDF:8035777278860305028144675580255817170944.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7199.785+/-0.000 χ^2/NDF:266772668705775
Left In: -18574.874+/-0.000 χ^2/NDF:3371752936319538414648384836142763081728.0/10
All: 38.953+/-0.000 χ^2/NDF: 7379784691052

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.975+/-0.000 χ^2/NDF: 41252805716365190
Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14
Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126
Left Out: 458.806+/-0.000 χ^2/NDF:69955215944898687471733662287333394944.0/11
In: -58.105+/-0.000 χ^2/NDF:46840539671479809
Right Out: -507.987+/-0.000 χ^2/NDF: 76689734698308464337881841969555046400.0/15
Out: 51.704+/-0.000 χ^2/NDF:44460214441514658
Left In: -471.219+/-0.000 χ^2/NDF:74459732191603362574677720110517452 80.0/10
All: -3.010+/-0.000 χ^2/NDF: 9225241672117

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

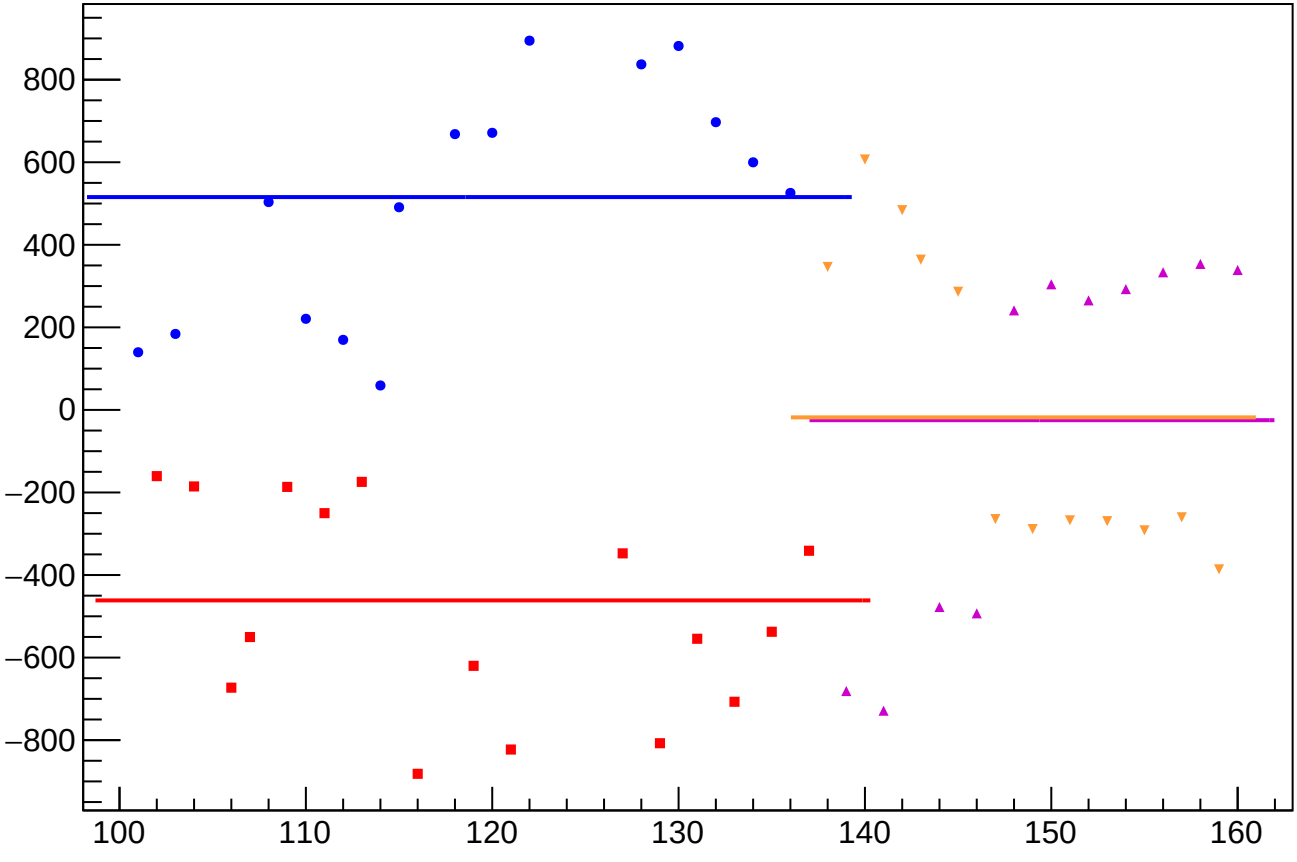
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

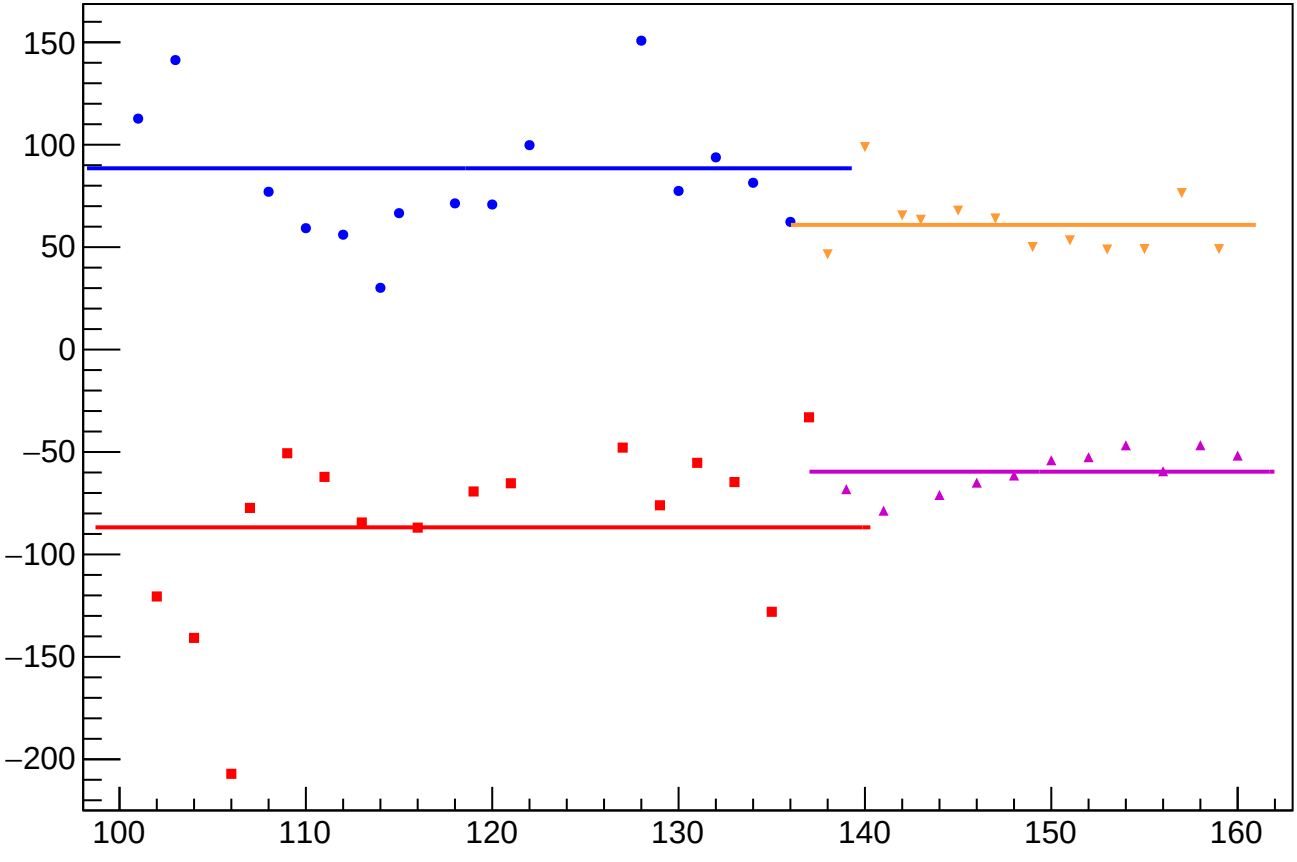
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam5_coil3_mean vs Slug, Sign Corrected



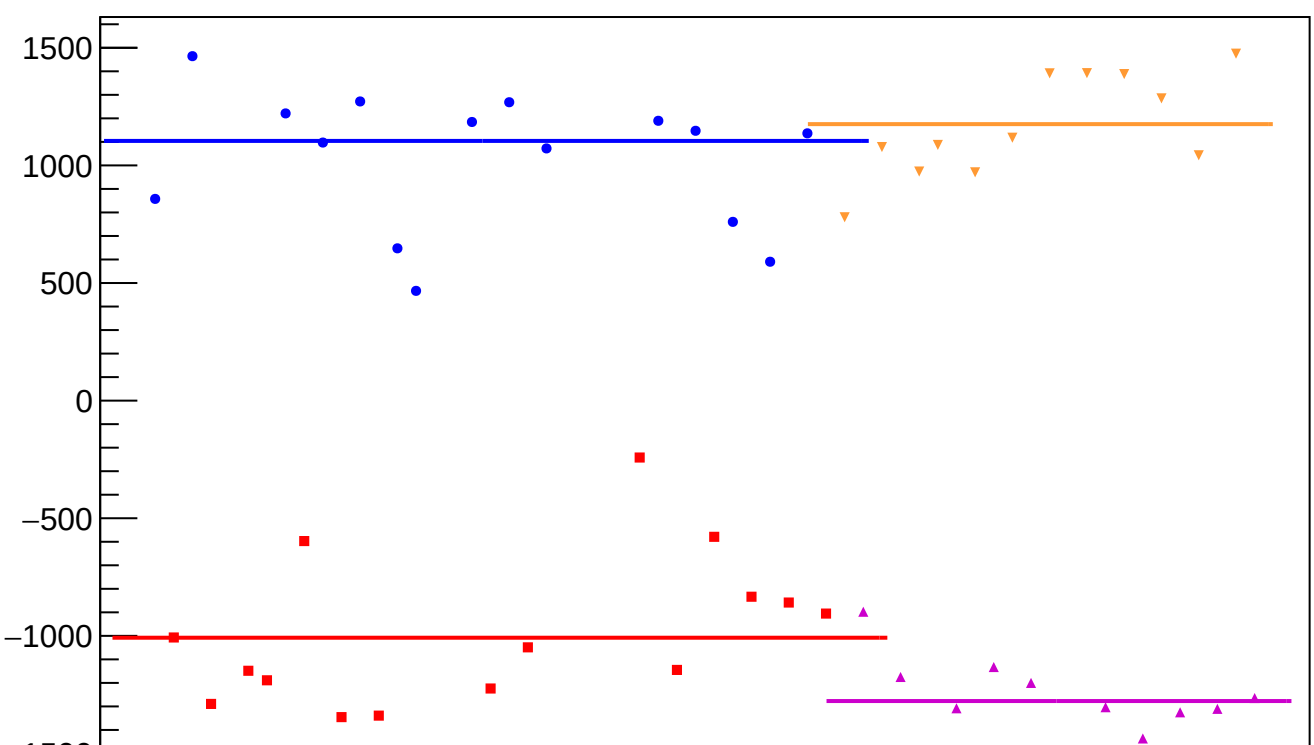
Left: -21.505+/-0.000 χ^2/NDF: 2909516961812704
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.086+/-0.000 χ^2/NDF:113760261442063078265103594368341639168.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15
Out: -204.800+/-0.000 χ^2/NDF:230153328143066
Left In: -24.898+/-0.000 χ^2/NDF:177170083146066340419686697250307702784.0/10
All: -4.042+/-0.000 χ^2/NDF: 6953040639809

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.402+/-0.000 χ^2/NDF: 697888680895441924
Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14
Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666
Left Out: 60.867+/-0.000 χ^2/NDF:208334830420842687698007665034854 40.0/11
In: 1.499+/-0.000 χ^2/NDF:909555293268762402
Right Out: -86.773+/-0.000 χ^2/NDF: 105920676631408602124052500322870 8864.0/15
Out: -1.302+/-0.000 χ^2/NDF:9684437430728420 3
Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10
All: 0.093+/-0.000 χ^2/NDF: 1878618220707 4

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

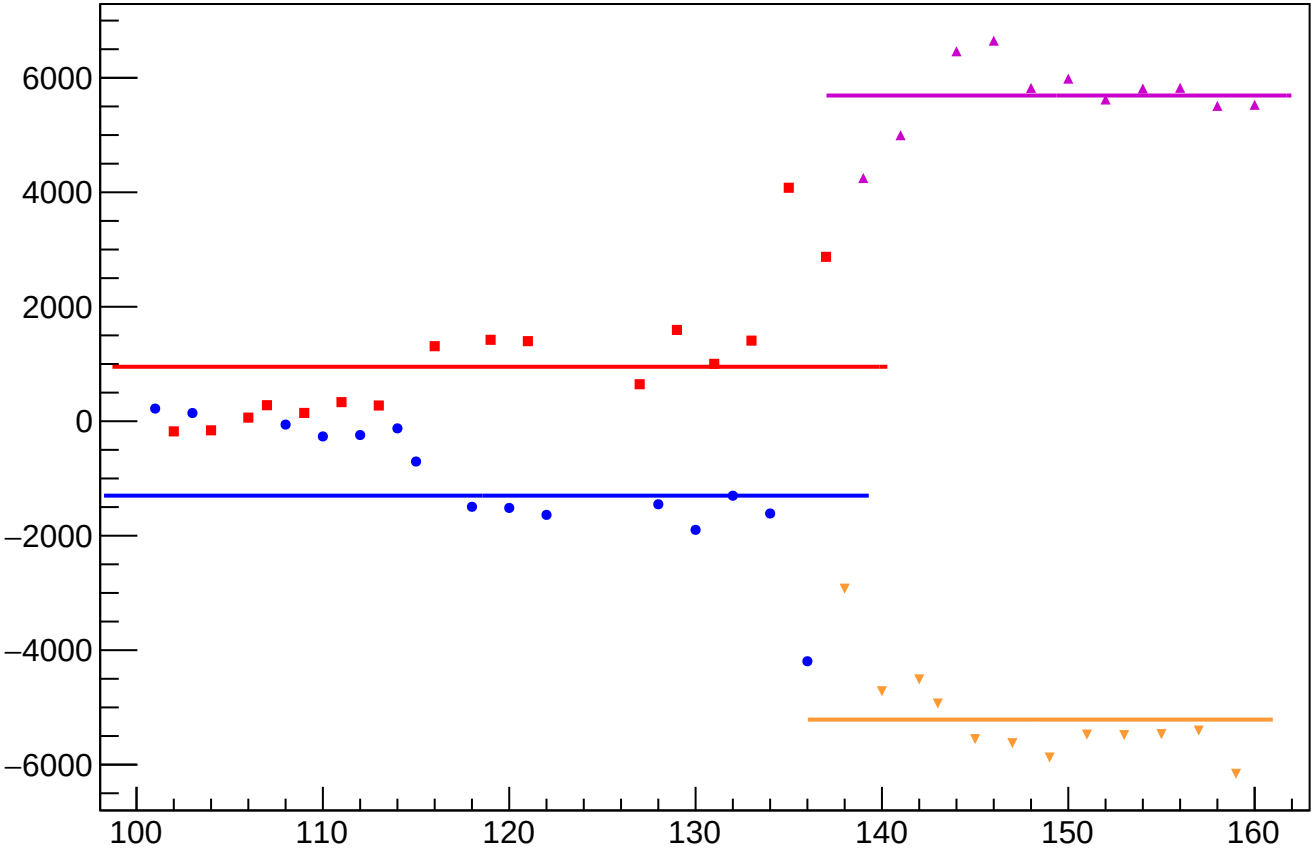
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

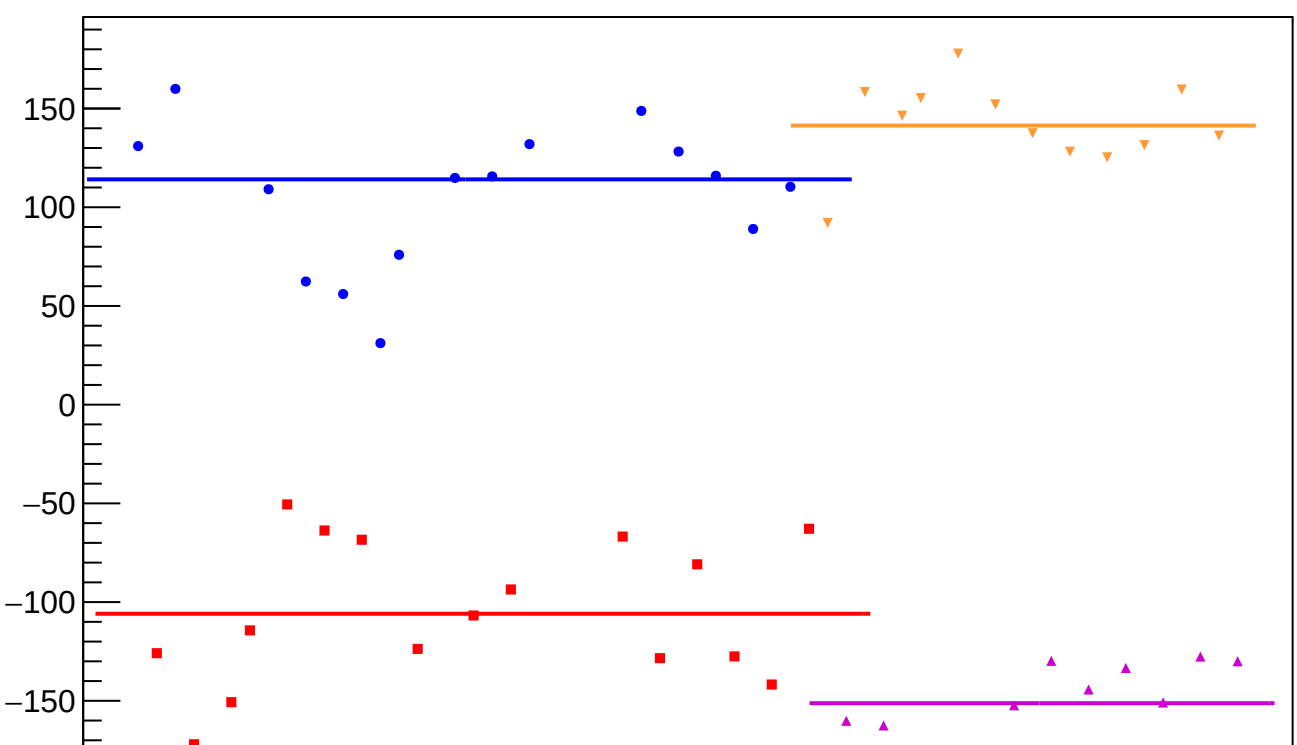
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 259.674+/-0.000 χ^2/NDF: 556843868942343
Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14
Right: -158.600+/-0.000 χ^2/NDF: 37088904648604
Left Out: -5213.053+/-0.000 χ^2/NDF:607024723474712138909900039656470216704.0/11
In: 2806.606+/-0.000 χ^2/NDF:201868973591481
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
Out: -2617.077+/-0.000 χ^2/NDF:16124078025382
Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10
All: 85.316+/-0.000 χ^2/NDF: 595275406564

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.468+/-0.000 χ^2/NDF: 40198175419000180

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.380+/-0.000 χ^2/NDF:4169630263102922855140589896749547 52.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

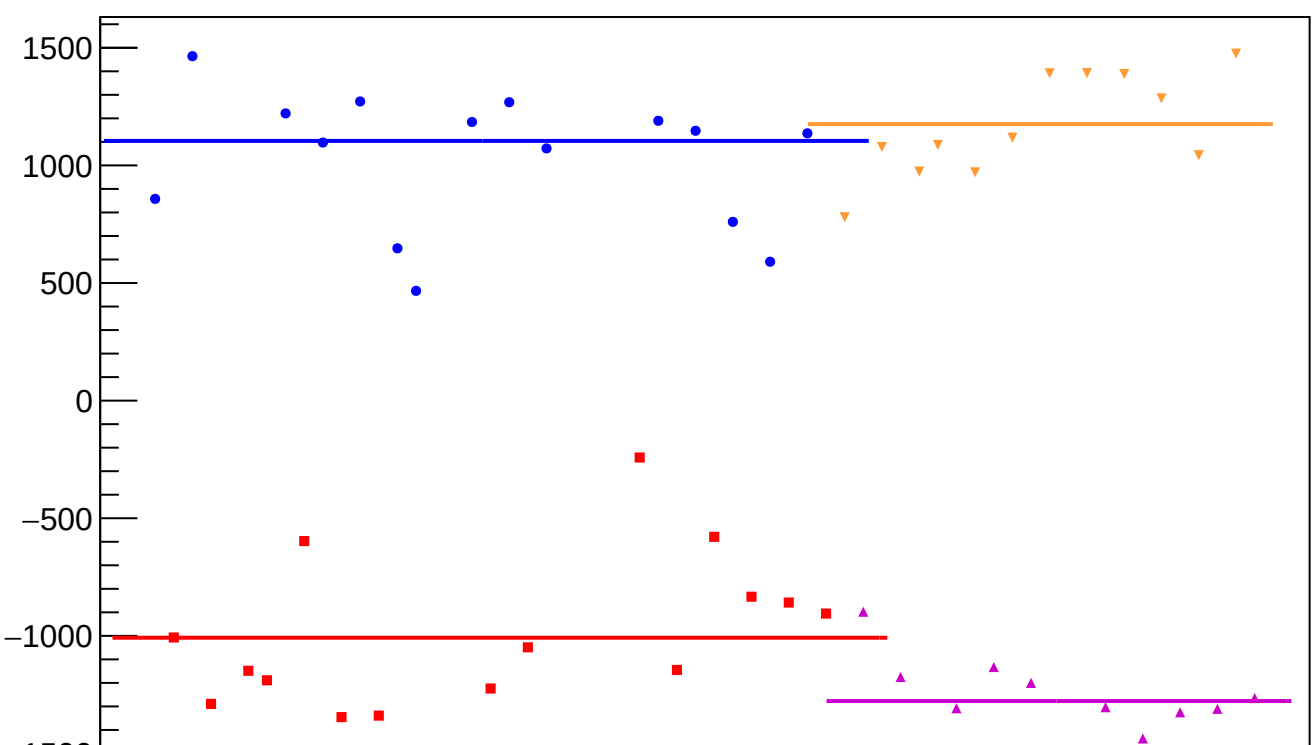
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.258+/-0.000 χ^2/NDF:2487798106972589 4

Left In: -151.203+/-0.000 χ^2/NDF:3822276526049993375774315497840 96768.0/10

All: -2.101+/-0.000 χ^2/NDF: 5762903139484

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

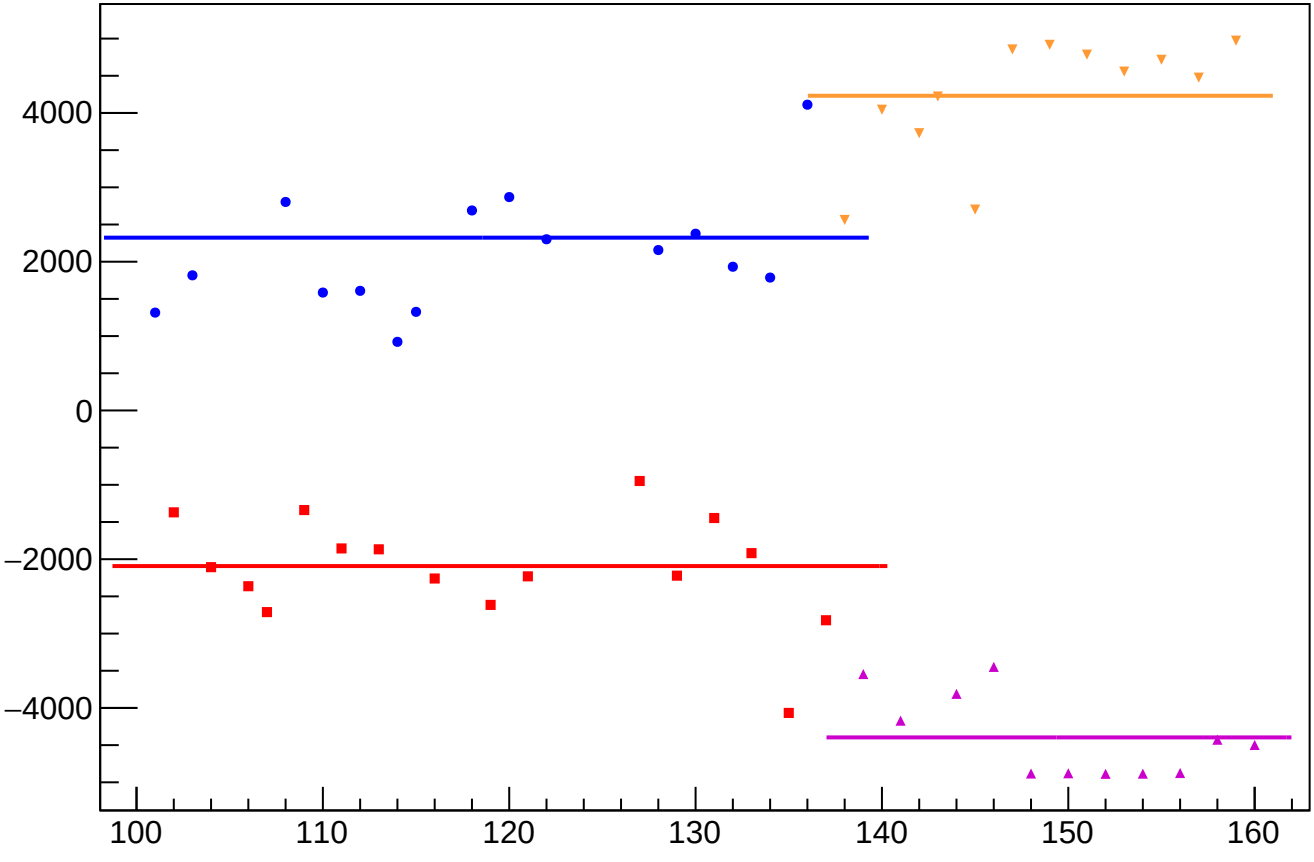
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.746+/-0.000 χ^2/NDF: 3511883210802034

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4231.380+/-0.000 χ^2/NDF:591264758783455505140129278309664030720.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

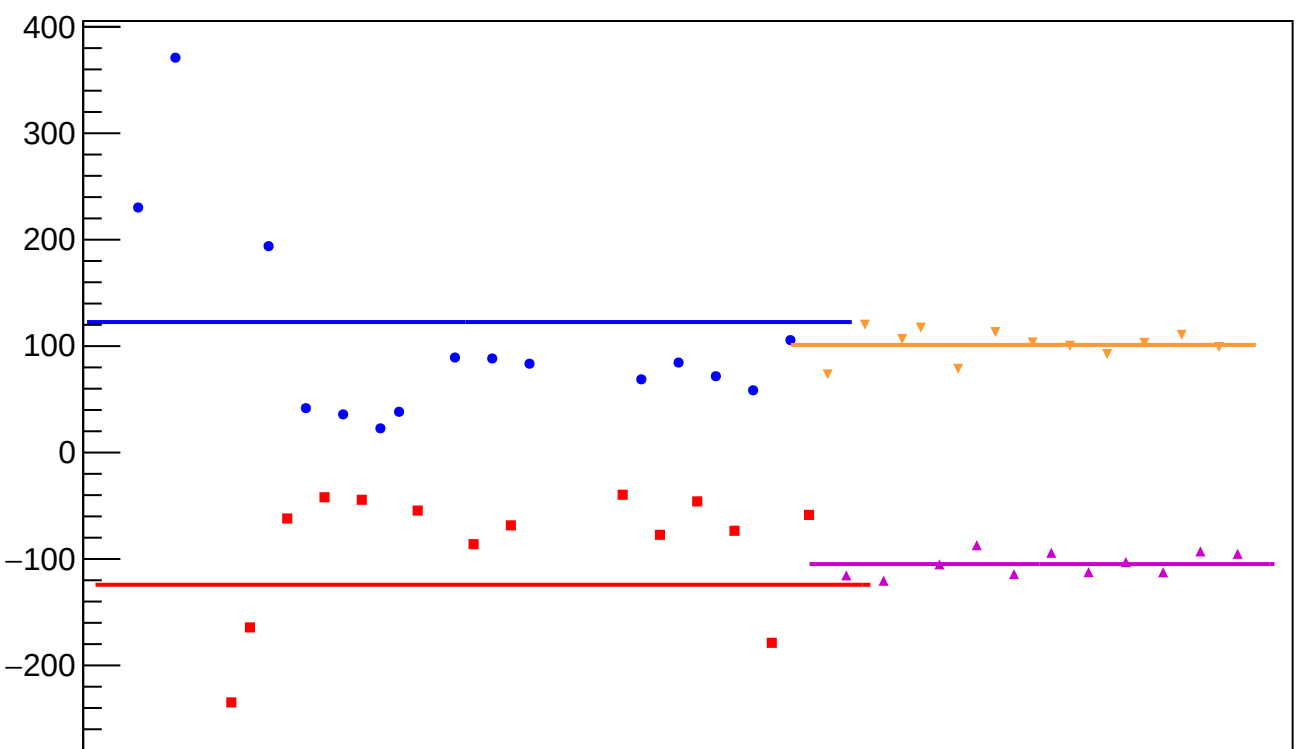
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1568.501+/-0.000 χ^2/NDF:164003188490660

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.044+/-0.000 χ^2/NDF: 424024658110

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.216+/-0.000 χ^2/NDF: 19793726503951273

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.138+/-0.000 χ^2/NDF:1751114564774519668041155503970058 24.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

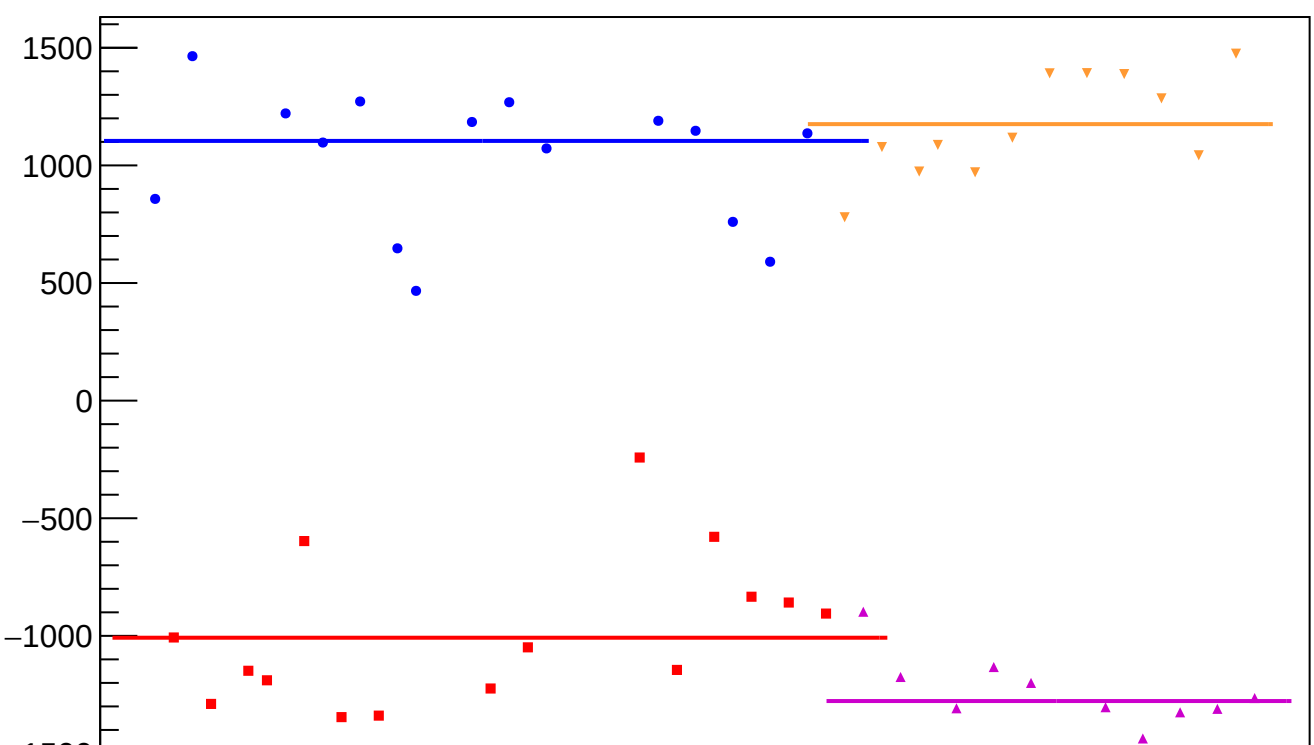
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.245+/-0.000 χ^2/NDF:2633452899126762 81

Left In: -104.786+/-0.000 χ^2/NDF:1020137853813338374934354518469509 12.0/10

All: -2.328+/-0.000 χ^2/NDF: 5232289579930

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

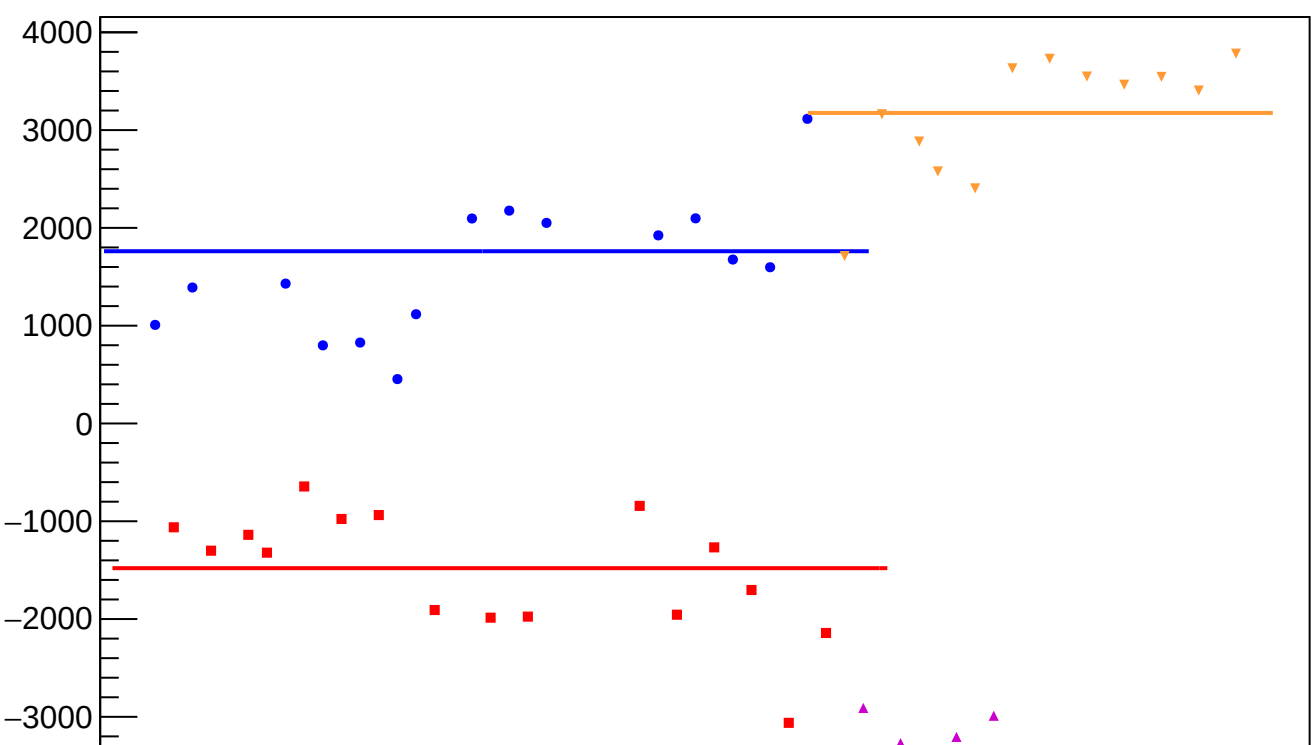
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.302+/-0.000 χ^2/NDF: 204610359235685

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3175.502+/-0.000 χ^2/NDF:347291191980203589558827802227239813120.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

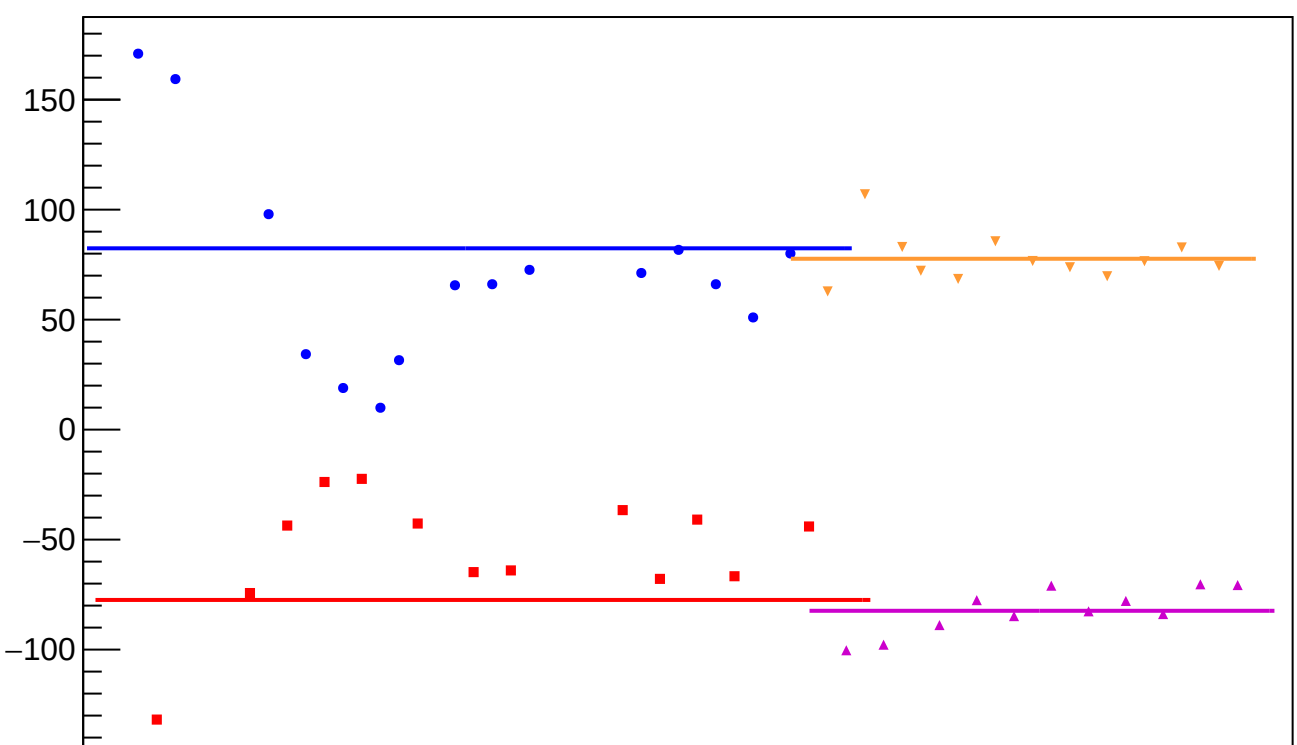
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1215.220+/-0.000 χ^2/NDF:897903201361202

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.064+/-0.000 χ^2/NDF: 245618505677

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.649+/-0.000 χ^2/NDF: 11987658152630781

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 1118435067130950

Left Out: 77.672+/-0.000 χ^2/NDF:1123594259701153969731918512059842 56.0/11

In: -14.374+/-0.000 χ^2/NDF:1170355213150101

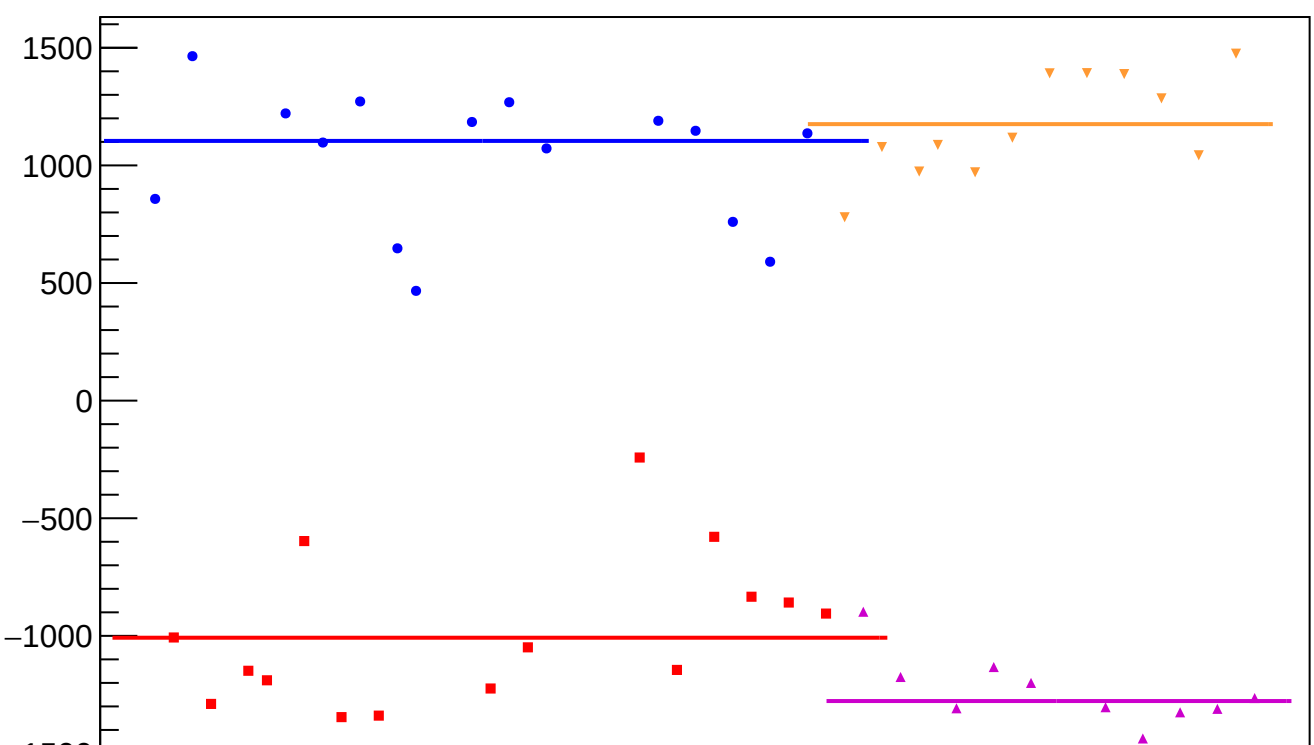
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.361+/-0.000 χ^2/NDF:1091695734901054

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.960+/-0.000 χ^2/NDF: 2318460638265

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

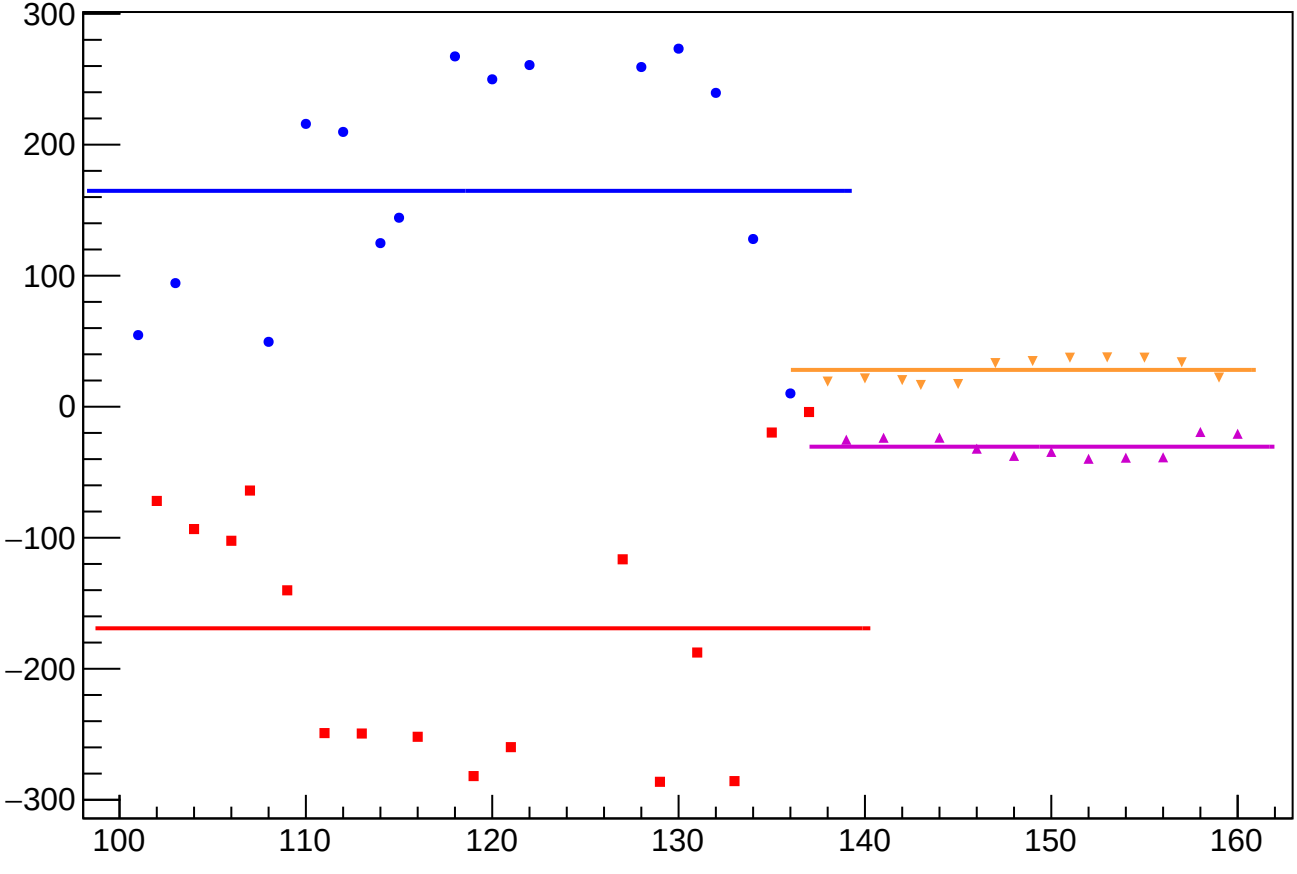
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.315+/-0.000 χ^2/NDF: 16969654131032672

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.100+/-0.000 χ^2/NDF:635173573099110904470706697923461 12.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

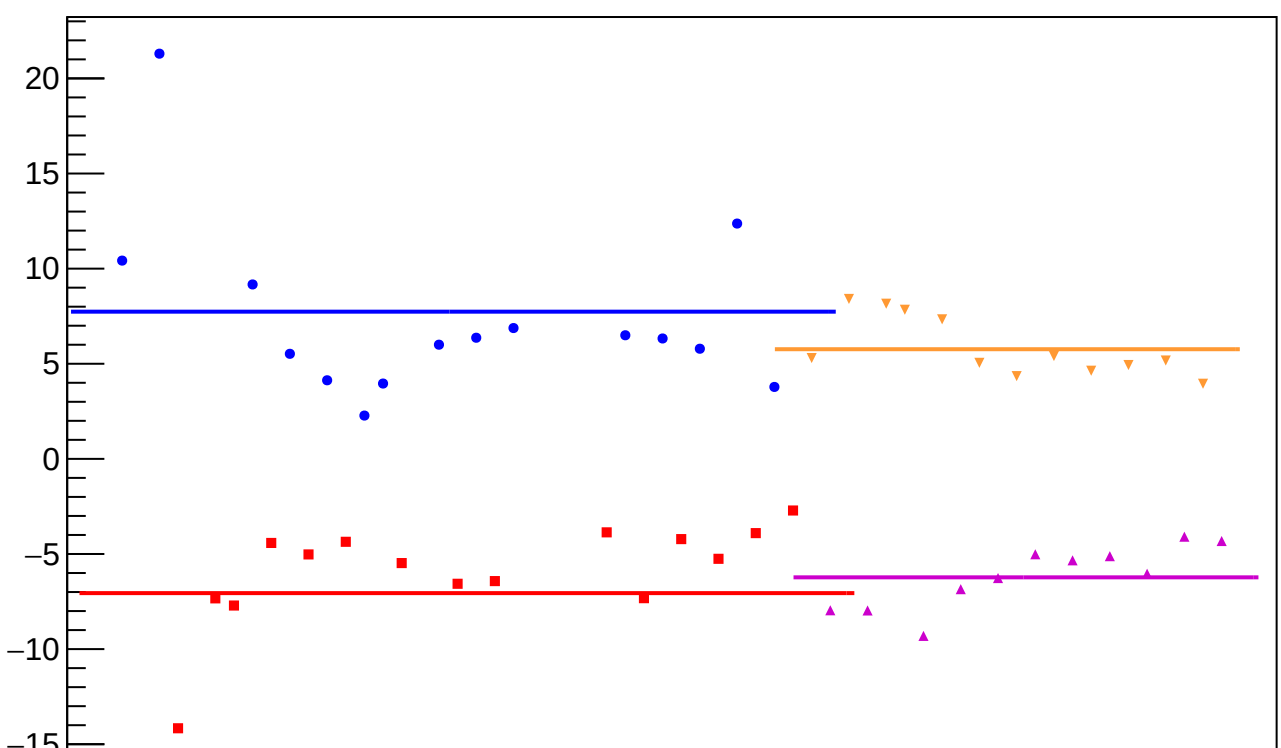
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

Out: -54.941+/-0.000 χ^2/NDF:211213788138169 6

Left In: -30.507+/-0.000 χ^2/NDF:526007001482740498015866996716994 56.0/10

All: -2.626+/-0.000 χ^2/NDF: 5077924344541

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.254+/-0.000 χ^2/NDF: 7053207013078386

Right In: 7.738+/-0.000 χ^2/NDF: 151272154792345060074694927680798 72.0/14

Right: 0.240+/-0.000 χ^2/NDF: 98424389249981268

Left Out: 5.764+/-0.000 χ^2/NDF:2014473932574383690261327211659264.0/11

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

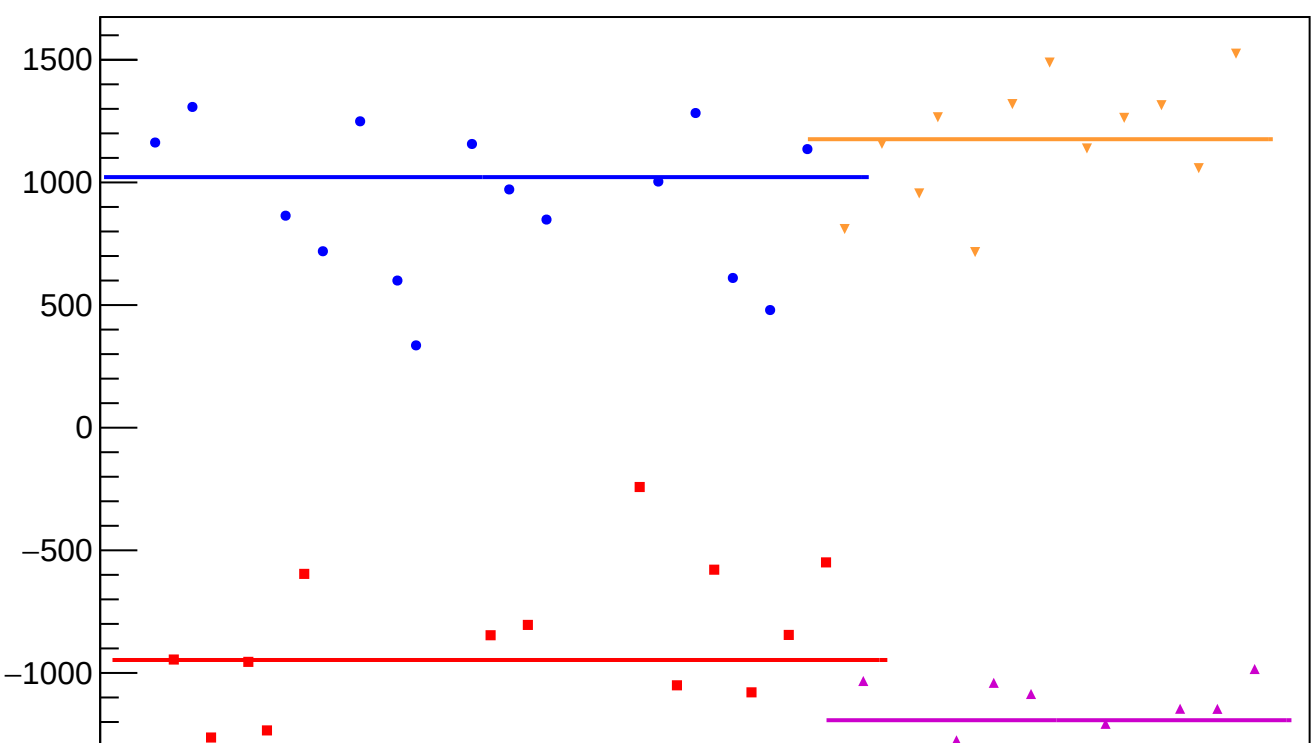
Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Out: 0.365+/-0.000 χ^2/NDF:76781483026932950 6

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

All: -0.049+/-0.000 χ^2/NDF: 1691437180051

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

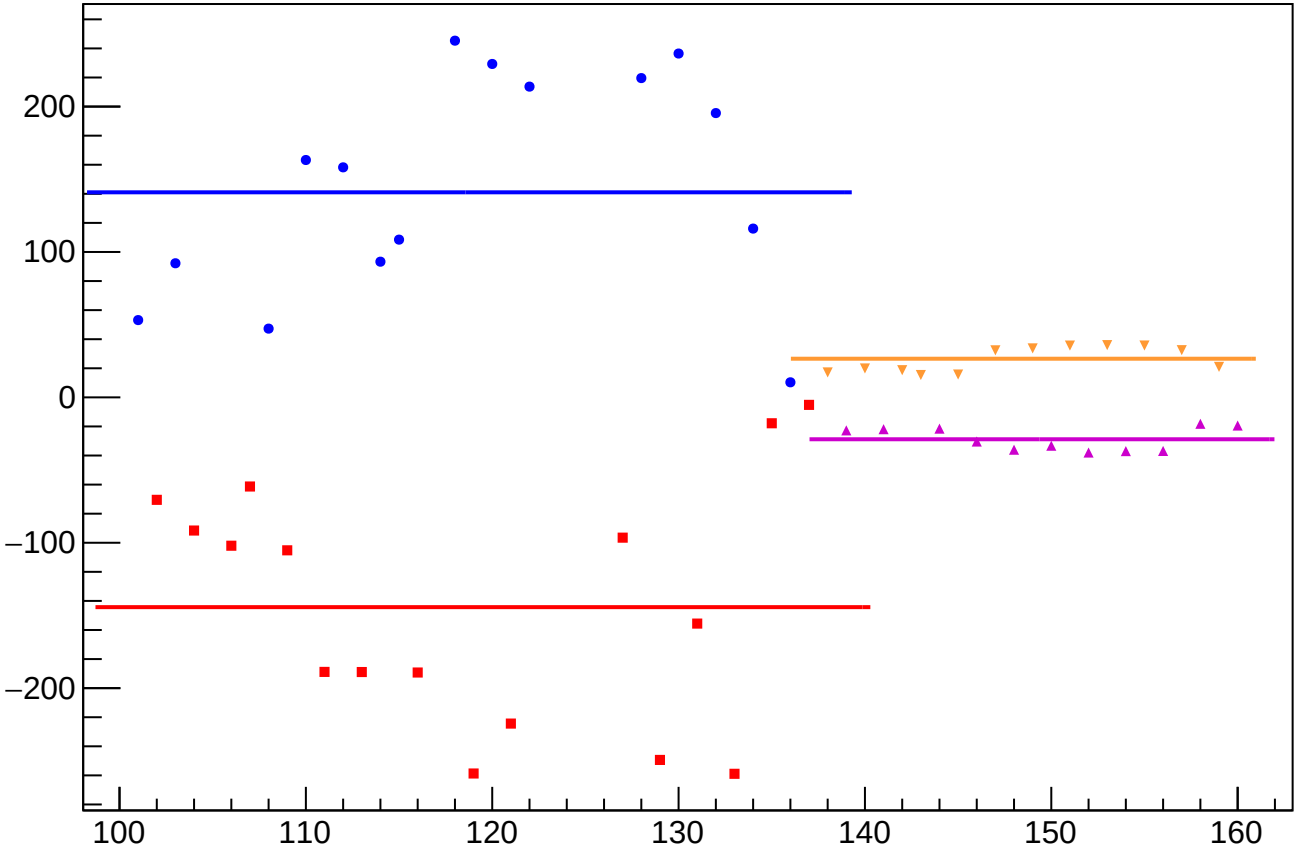
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.223+/-0.000 χ^2/NDF: 15286596958341746

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.582+/-0.000 χ^2/NDF:638805469323936580506146521418301 44.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

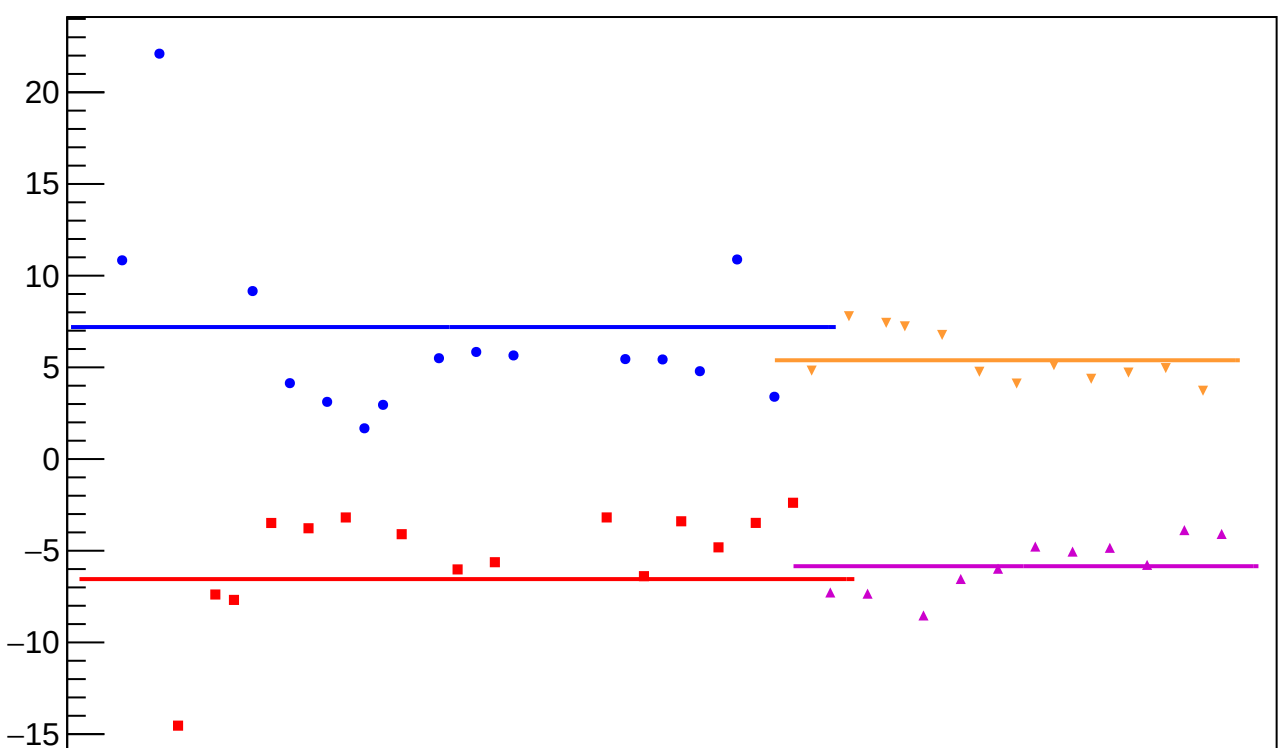
Right Out: -144.283+/-0.000 χ^2/NDF: 426833357151774088606536166392882 7904.0/15

Out: -45.367+/-0.000 χ^2/NDF:1560535001483791

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702 7456.0/10

All: -2.204+/-0.000 χ^2/NDF: 3708629931644

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.387+/-0.000 χ^2/NDF:16021382498824788148359438438236 16.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

Left: -0.250+/-0.000 χ^2/NDF: 61475661357383771

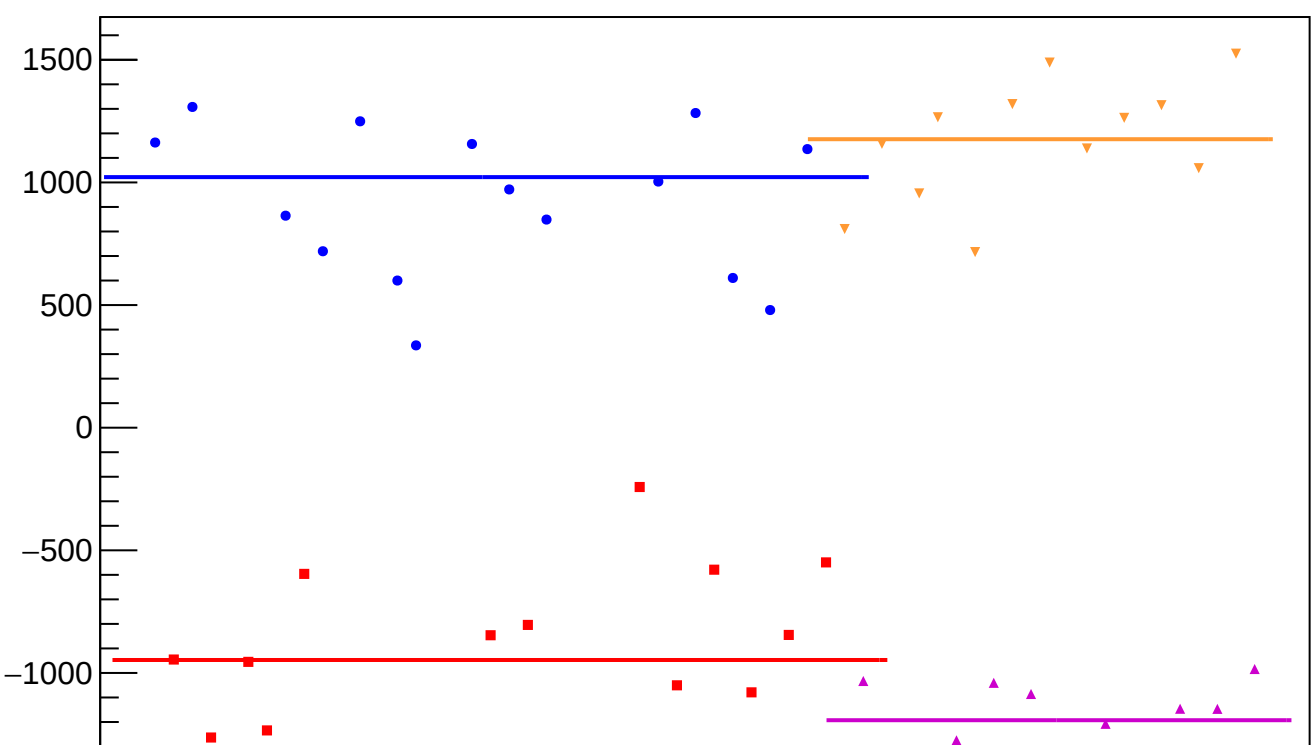
Right: 0.232+/-0.000 χ^2/NDF: 94430884745367791

In: -0.463+/-0.000 χ^2/NDF:84881658892017473 5

Out: 0.362+/-0.000 χ^2/NDF:70666369710520663 0

All: -0.049+/-0.000 χ^2/NDF: 1560843650902

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

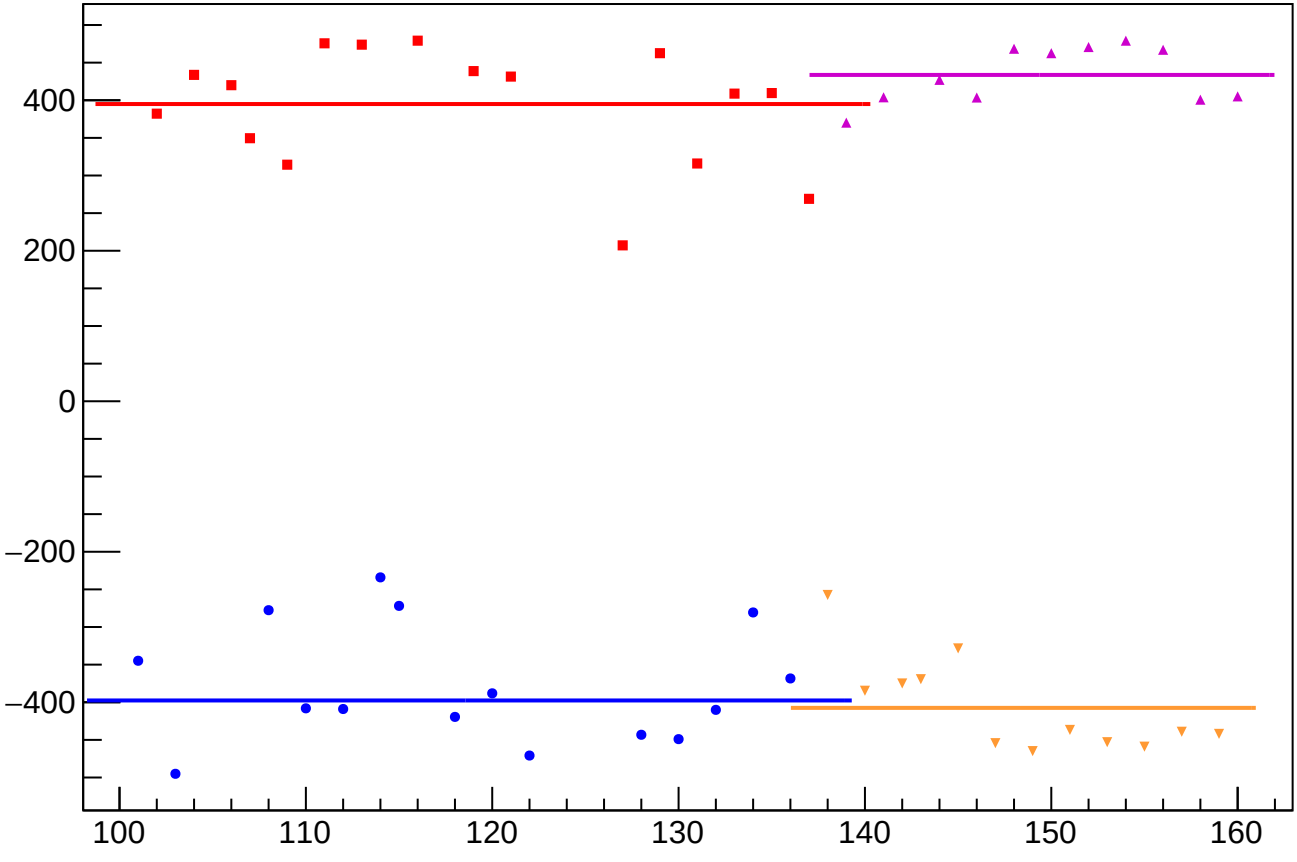
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Left Out: -407.457+/-0.000 χ^2/NDF:353025449080407268501570591063749427 2.0/11

Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10

Left: 14.703+/-0.000 χ^2/NDF: 3303435106637824 3

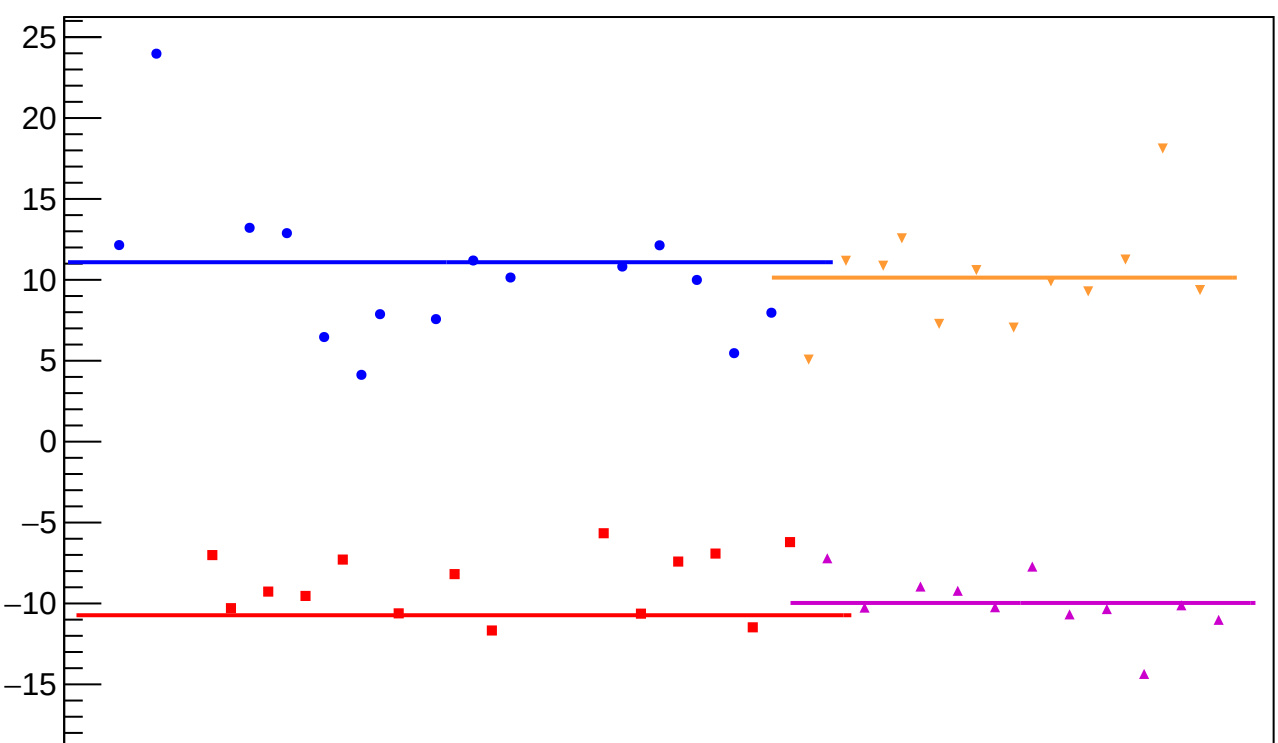
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3

In: 90.690+/-0.000 χ^2/NDF:267298439260479340

Out: -69.565+/-0.000 χ^2/NDF:2558458323075141

All: 10.283+/-0.000 χ^2/NDF: 5434132132493

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19819294852781313

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822

Left Out: 10.137+/-0.000 χ^2/NDF:9233961900502442042562315288576000.0/11

In: -1.280+/-0.000 χ^2/NDF:18618379731528032

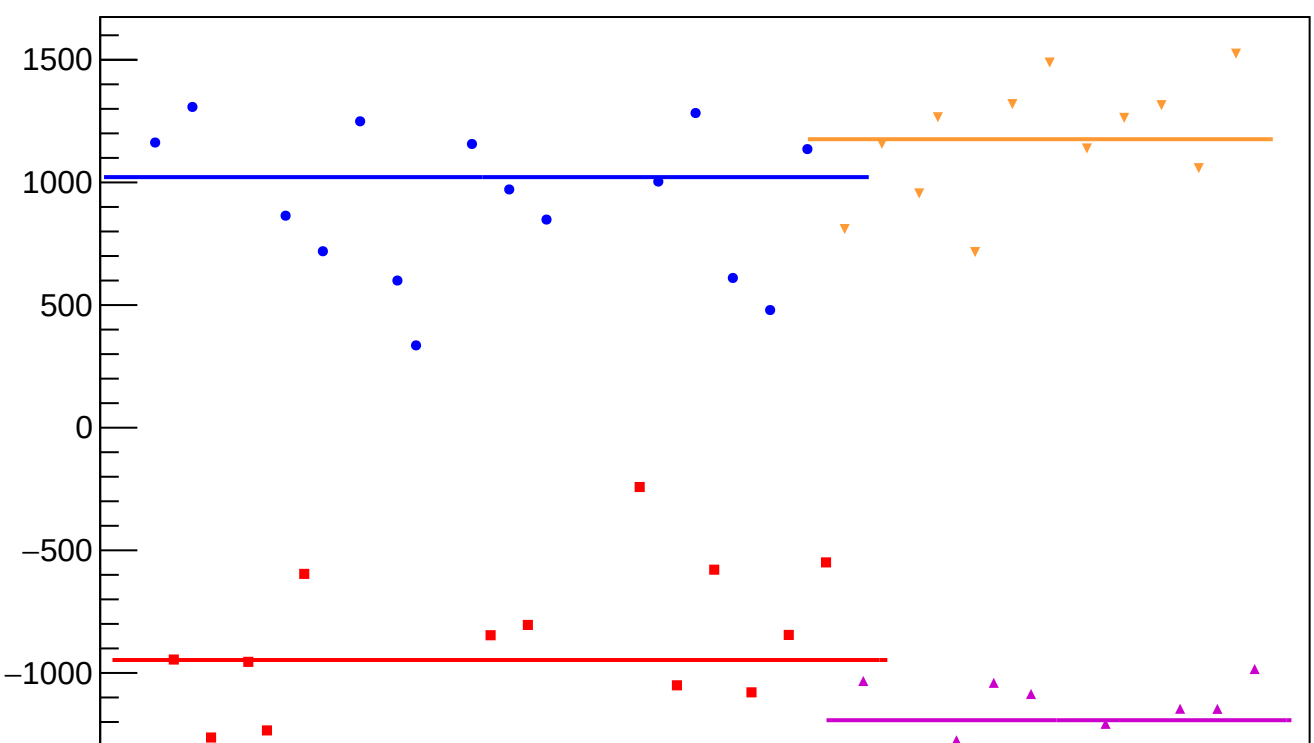
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

Out: 1.351+/-0.000 χ^2/NDF:19210676457575563

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3837578097227

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

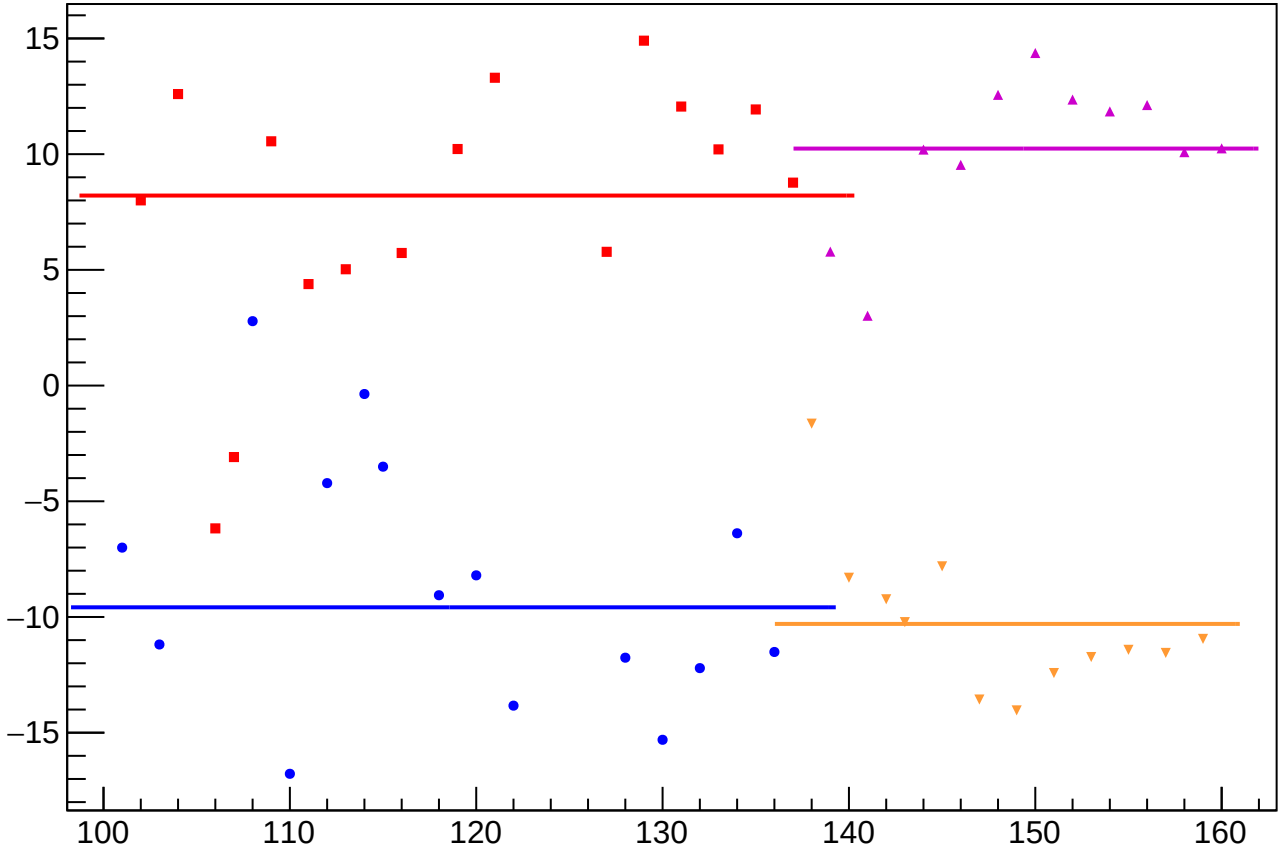
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21269416203582270

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.300+/-0.000 χ^2/NDF:9506877601099056155644993577418752.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

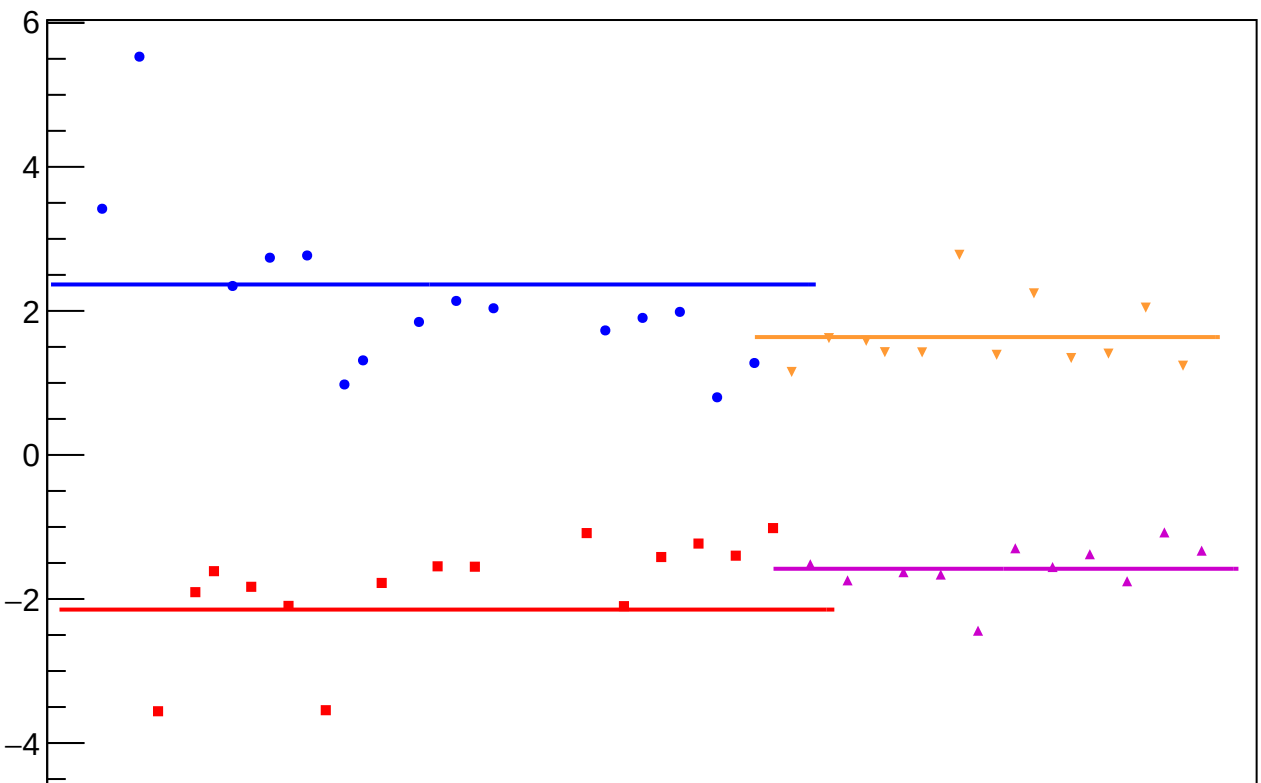
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

Out: -2.505+/-0.000 χ^2/NDF:16012140379584636

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3500960863044

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.637+/-0.000 χ^2/NDF:1975848469515970519447692891914 24.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 50649701267613452 0

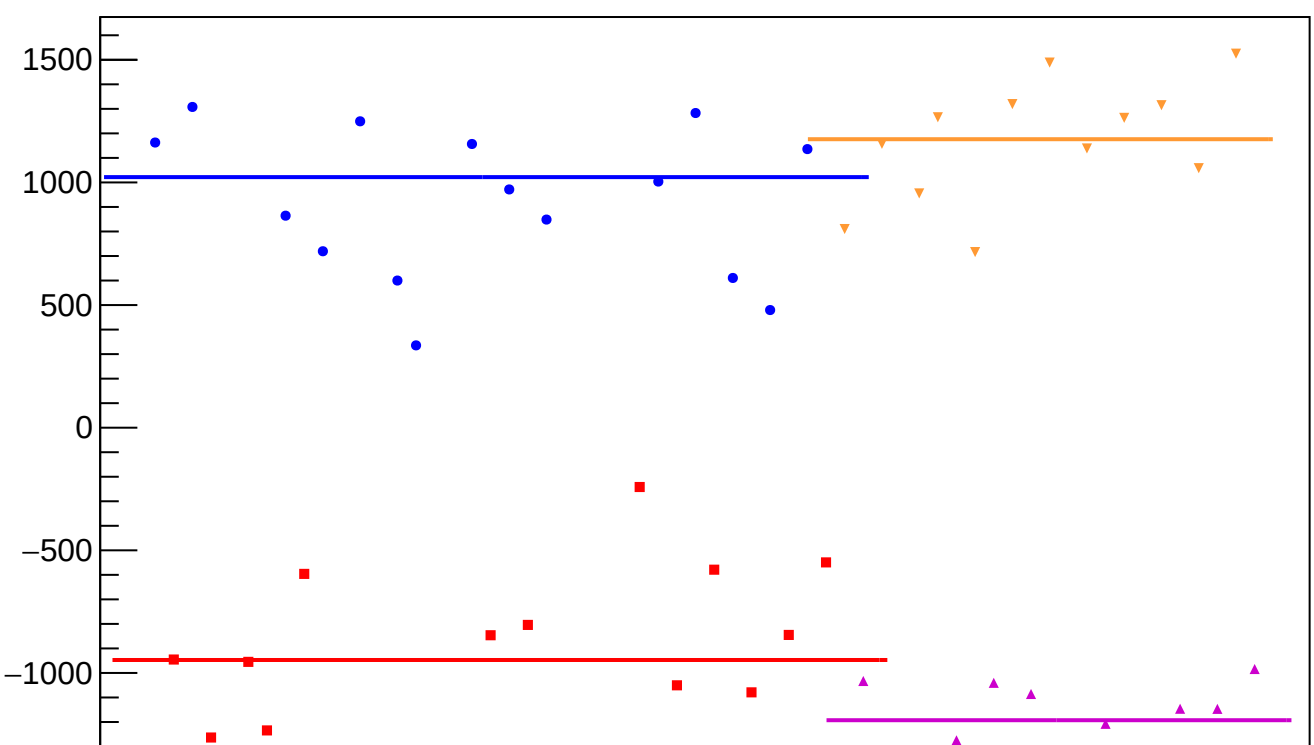
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6489896615990384 83

All: 0.046+/-0.000 χ^2/NDF: 1345520859259 8

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

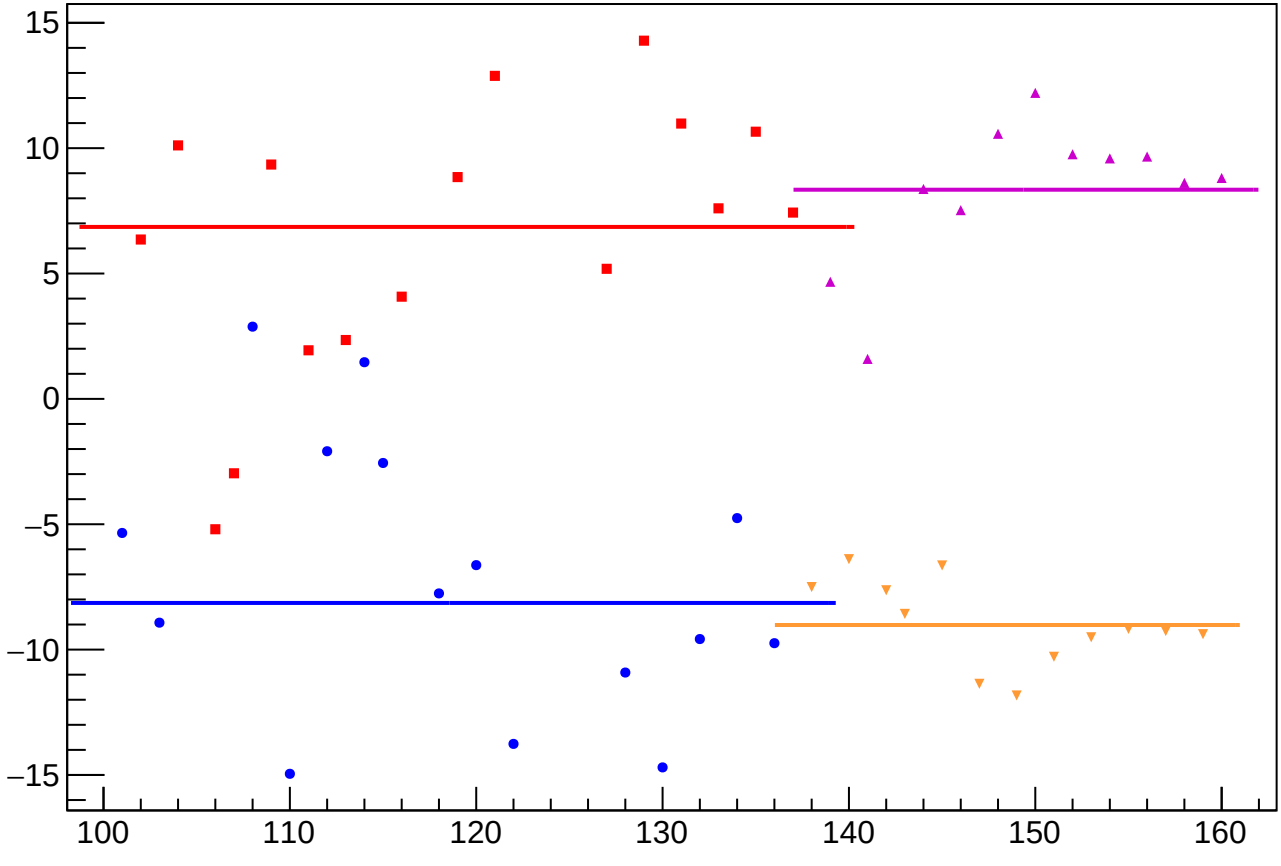
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

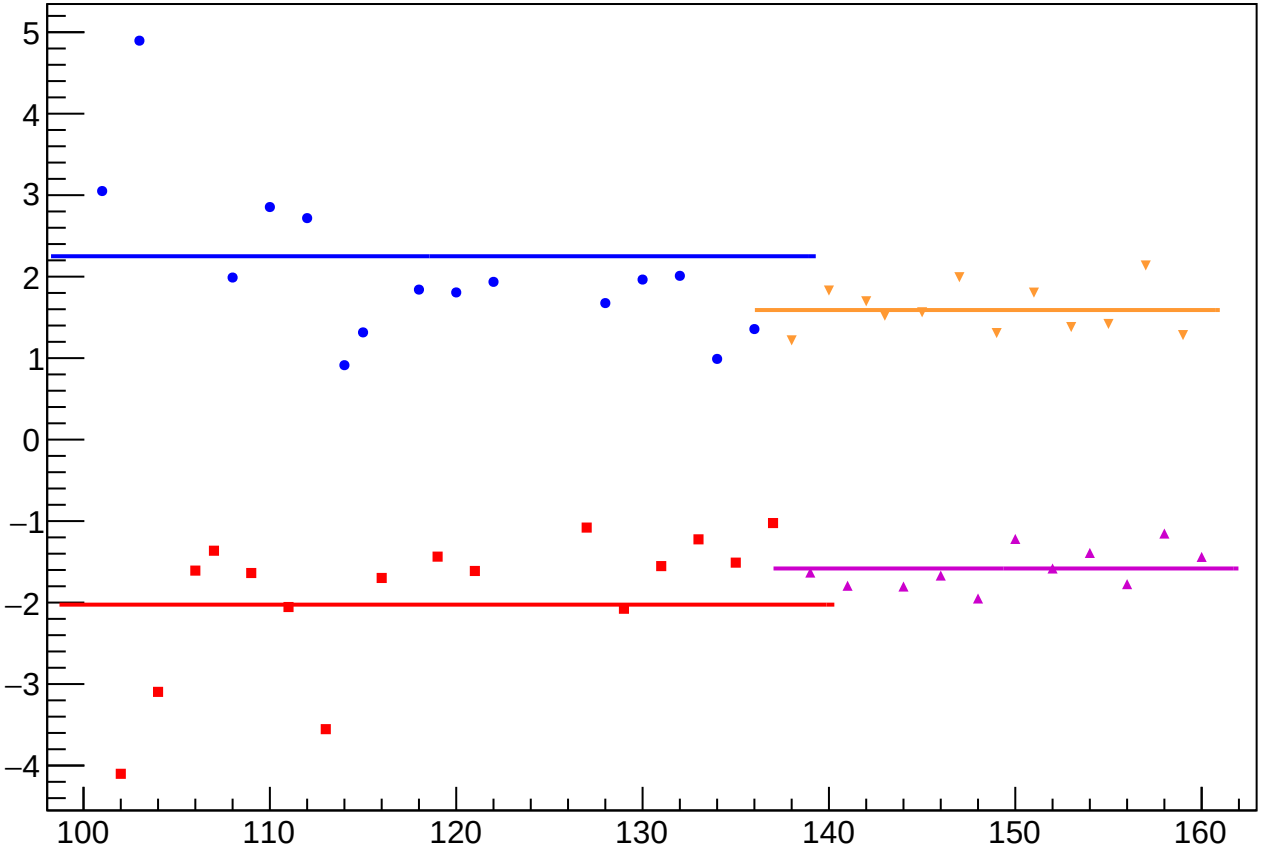
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.305+/-0.000 χ^2/NDF: 1485547930742766
Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14
Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360
Left Out: -9.019+/-0.000 χ^2/NDF:2556393635520144823493802684579840.0/11
In: 1.543+/-0.000 χ^2/NDF:125503787533392226
Right Out: 6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15
Out: -2.333+/-0.000 χ^2/NDF:11638470167153536
Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10
All: -0.402+/-0.000 χ^2/NDF: 2537437015122

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47616036648607454

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.590+/-0.000 χ^2/NDF:7655435111469366960521809074585 6.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

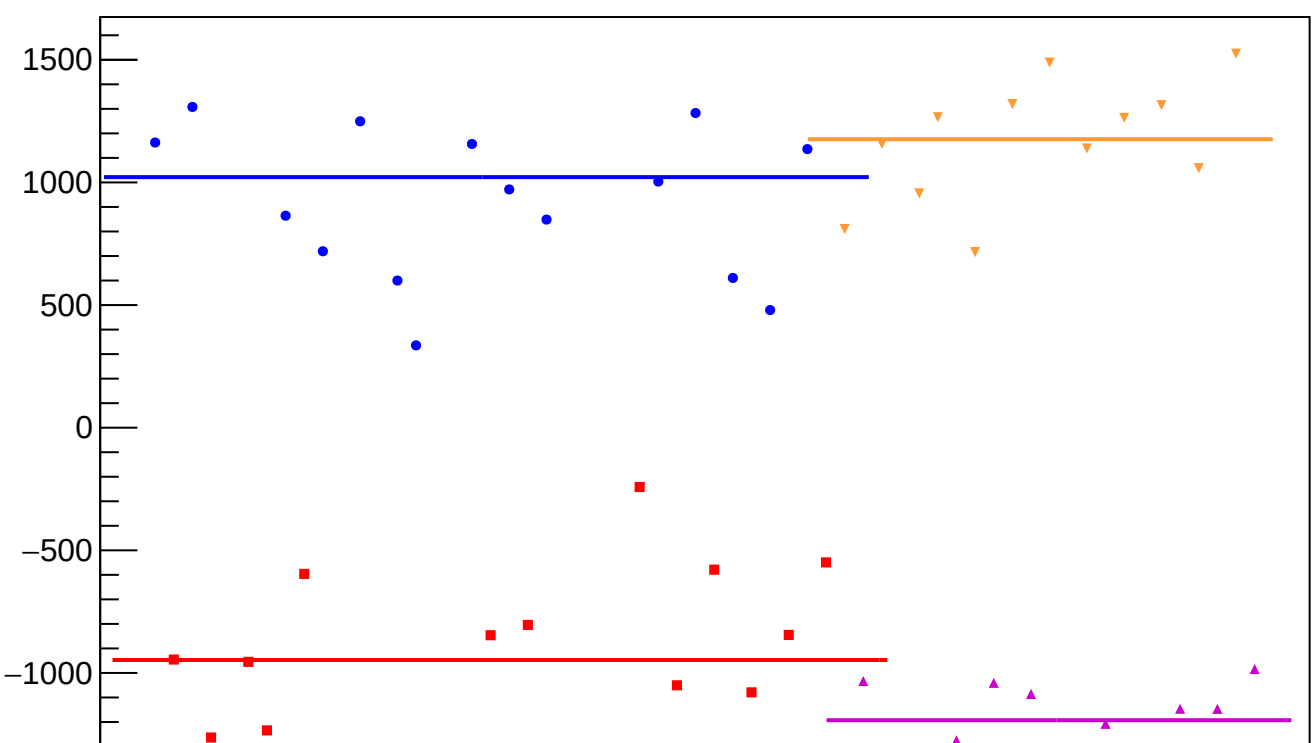
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5702837624120209 56

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1201641232876 8

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

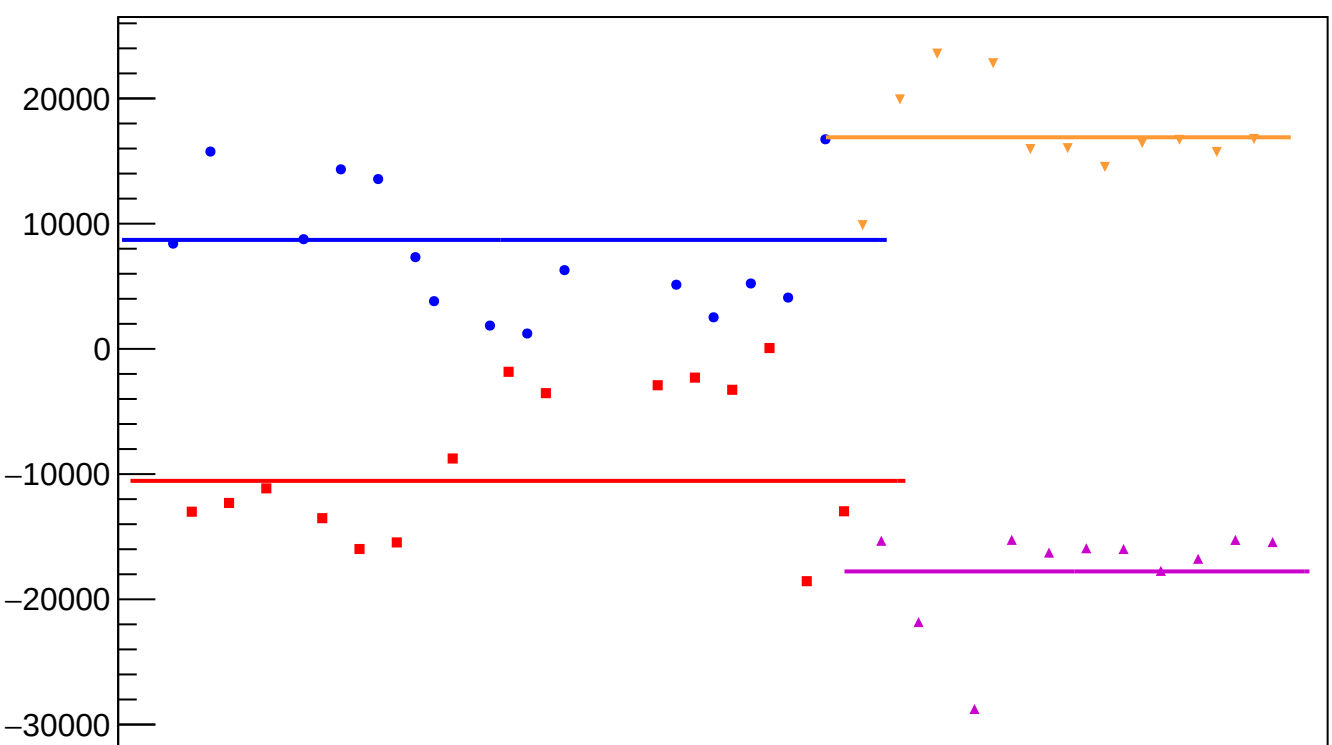
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1160.813+/-0.000 χ^2/NDF: 55729109500245

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16897.725+/-0.000 χ^2/NDF:1017625262382863571340569286423009139097 6.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

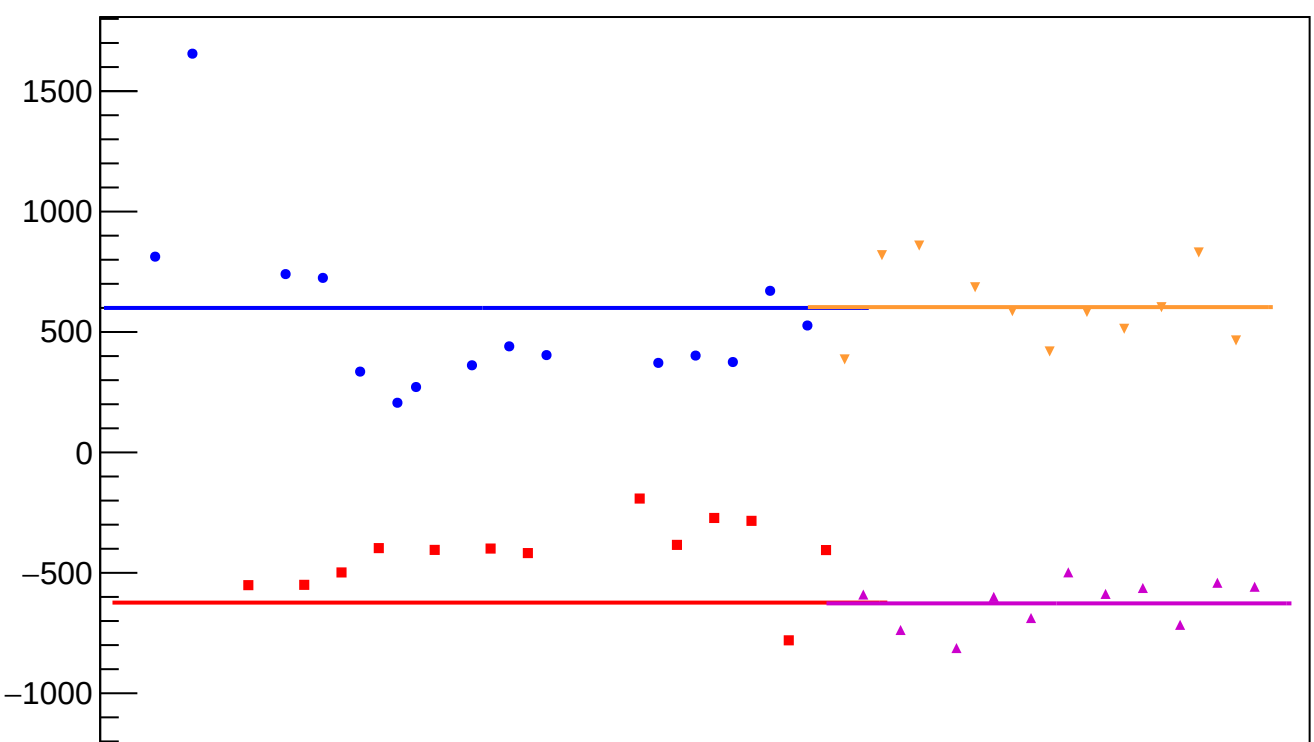
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4834.103+/-0.000 χ^2/NDF:337744605089311

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1113.447+/-0.000 χ^2/NDF: 7448275665

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.390+/-0.000 χ^2/NDF: 6983171203334230

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 603.317+/-0.000 χ^2/NDF:2023108432540805097671000990085545984 0.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

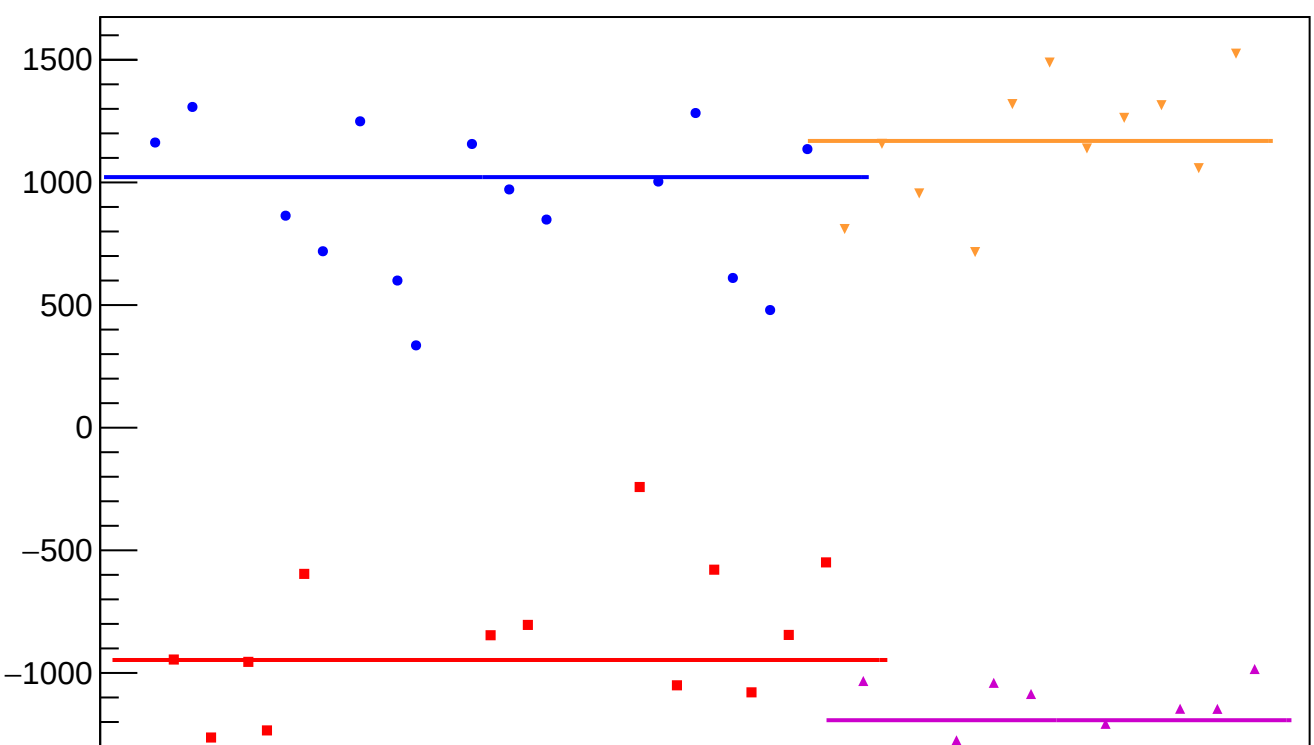
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 63.875+/-0.000 χ^2/NDF:6842383462675463 2

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.080+/-0.000 χ^2/NDF: 138158678940

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.008+/-0.000 χ^2/NDF: 2541782775965116

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1169.193+/-0.000 χ^2/NDF:5277744667517852928965440818889988505 6.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

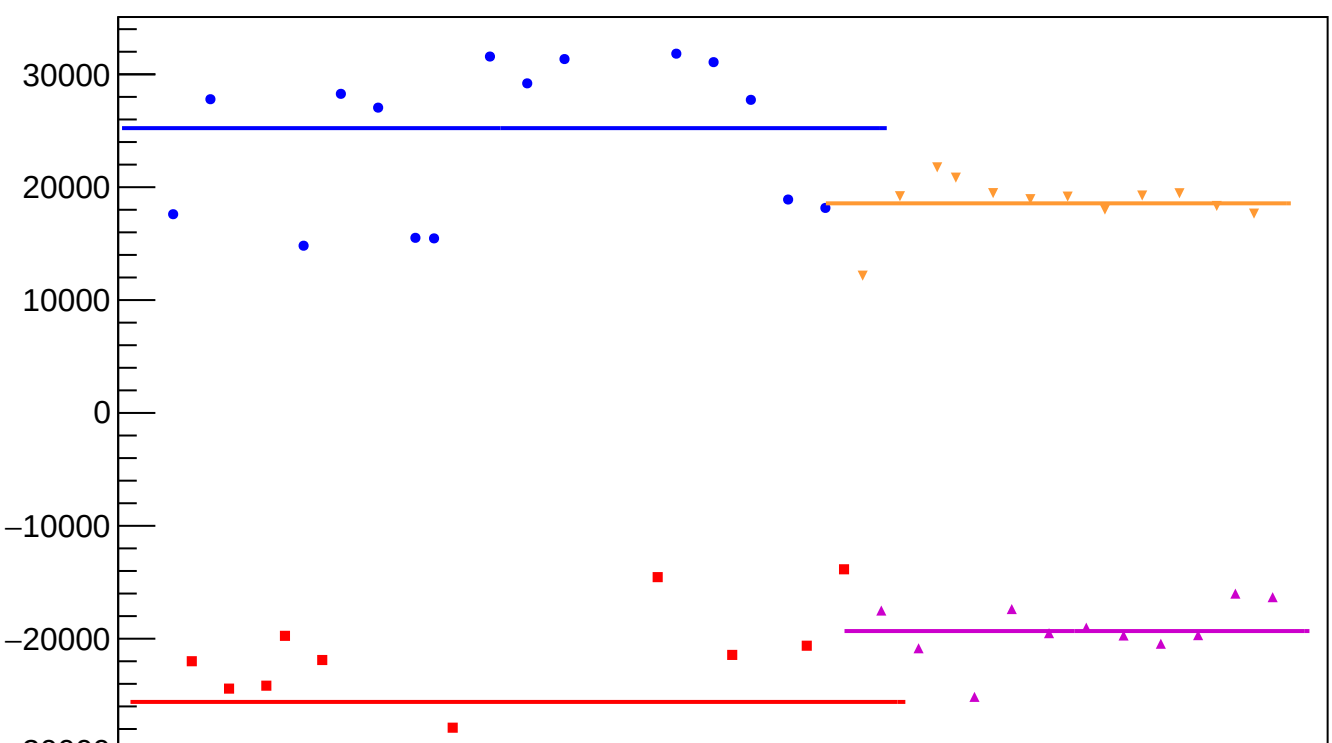
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 238.674+/-0.000 χ^2/NDF:1794461642916467

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

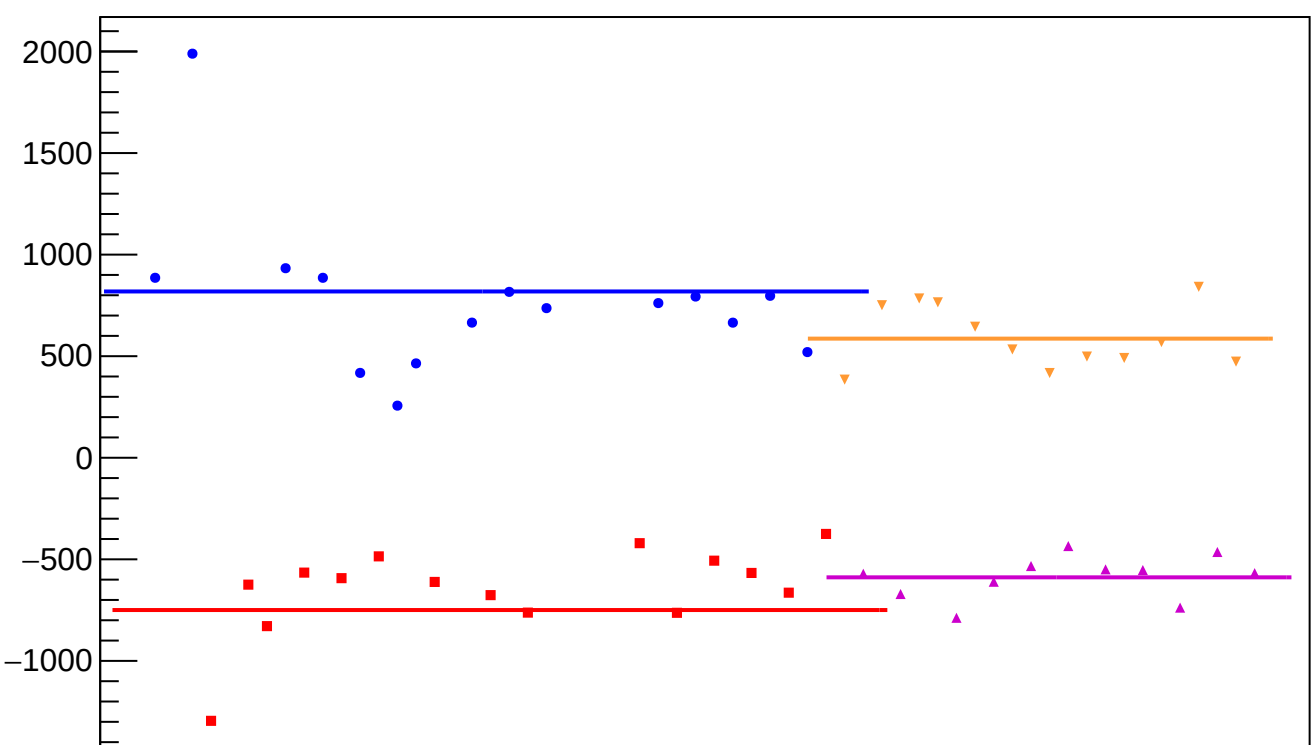
All: -24.887+/-0.000 χ^2/NDF: 393055602424

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -448.697+/-0.000 χ^2/NDF: 670706446890789
Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14
Right: -532.226+/-0.000 χ^2/NDF: 89888992461613
Left Out: 18569.658+/-0.000 χ^2/NDF:435545392994974589674056900812132581376 0.0/11
In: -940.058+/-0.000 χ^2/NDF:7868508361919144
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15
Out: -30.145+/-0.000 χ^2/NDF:7820974438326909
Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10
All: -483.516+/-0.000 χ^2/NDF: 15696017258

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.348+/-0.000 χ^2/NDF: 66529886275813901

Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14

Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925

Left Out: 586.466+/-0.000 χ^2/NDF:197989683367652659191751742871505469 44.0/11

In: -8.034+/-0.000 χ^2/NDF:870601201099148606

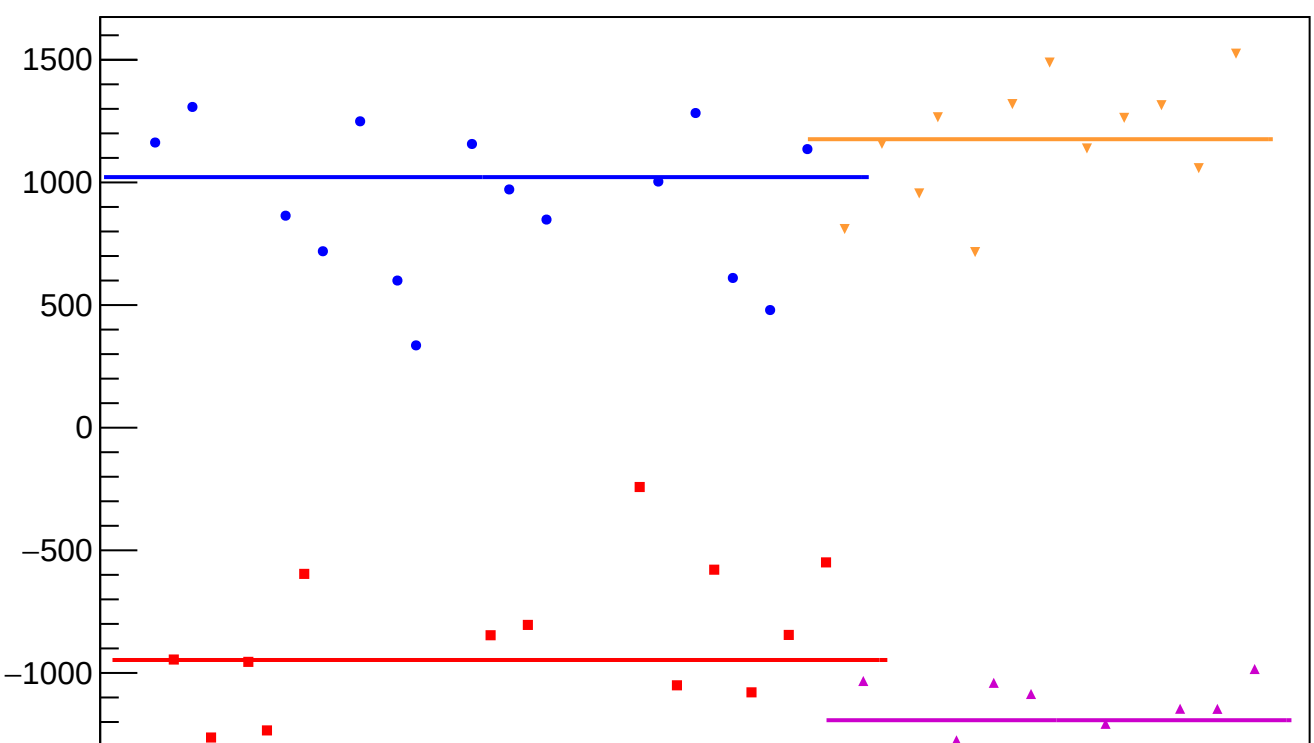
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15

Out: 23.842+/-0.000 χ^2/NDF:7871153650932668 6

Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10

All: 7.960+/-0.000 χ^2/NDF: 1658518460352 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:533555257965920228823850231988832174 08.0/11

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

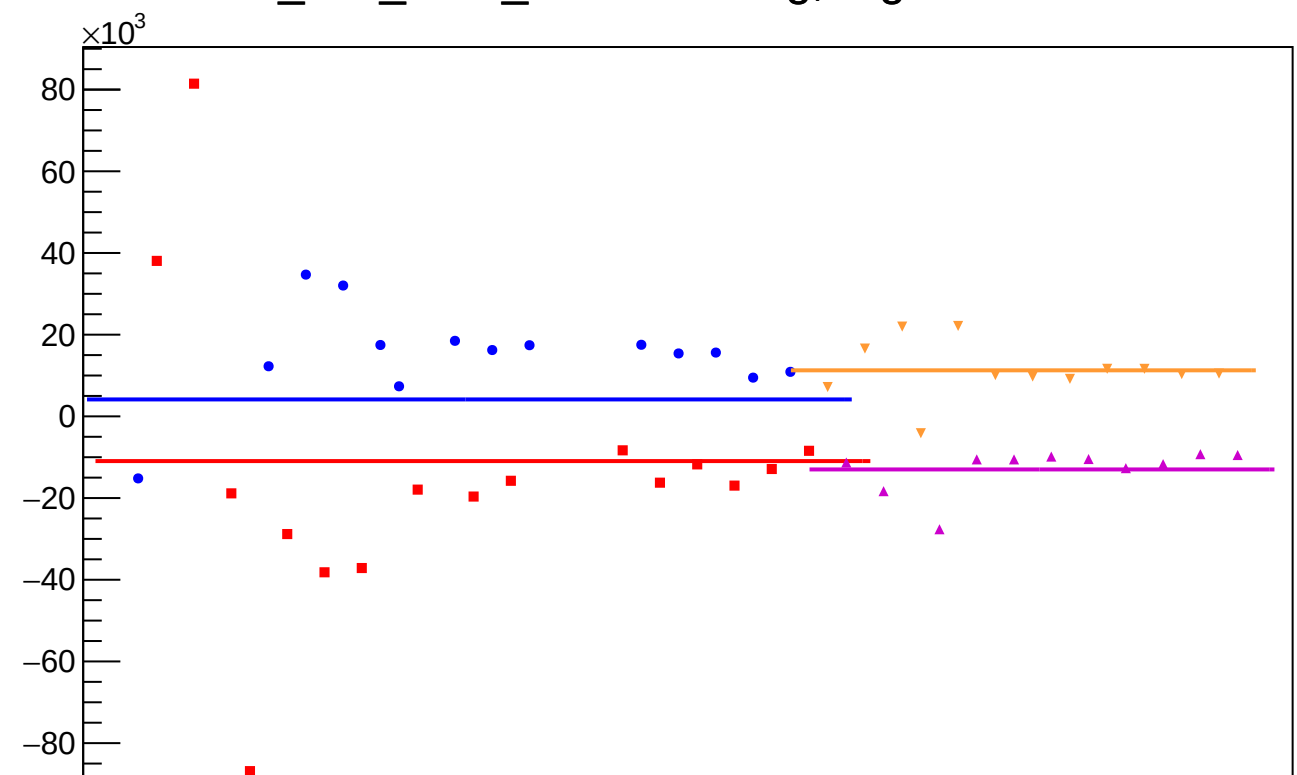
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

All: 2.502+/-0.000 χ^2/NDF: 4039779109898 9

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -907.861+/-0.000 χ^2/NDF: 332523614626730

Right In: 4145.268+/-0.000 χ^2/NDF: 763693998395064689637972381933507648159744.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11270.779+/-0.000 χ^2/NDF:3513704352703313906538875918268284849356 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

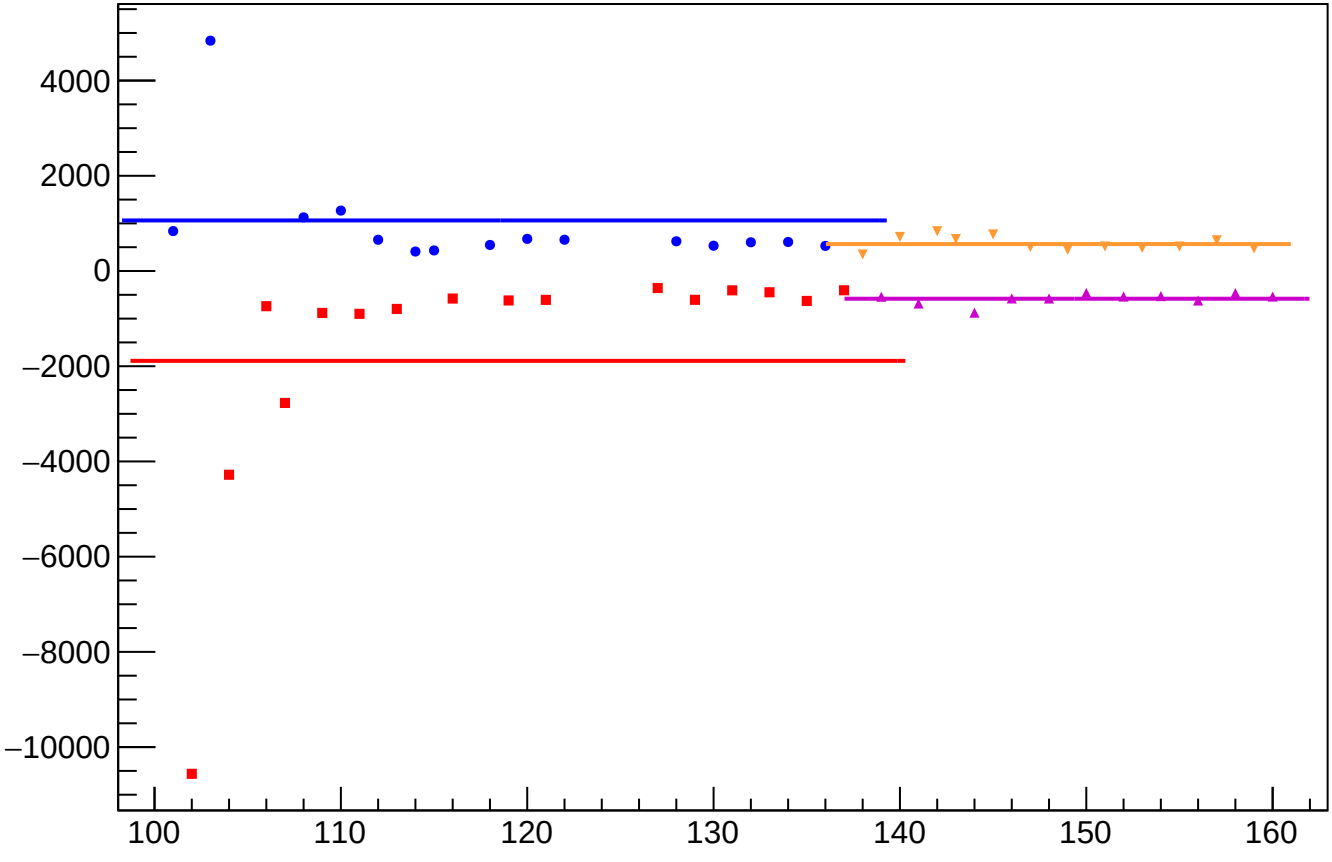
Right Out: -10948.073+/-0.000 χ^2/NDF: 873949668510327201514601463115396191092736.0/15

Out: 1914.734+/-0.000 χ^2/NDF:109971319391209

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625 0624.0/10

All: -1990.326+/-0.000 χ^2/NDF: 2050277278

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.452+/-0.000 χ^2/NDF: 6353693271242409

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 565.876+/-0.000 χ^2/NDF:166473791256182929136478488787579384320.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

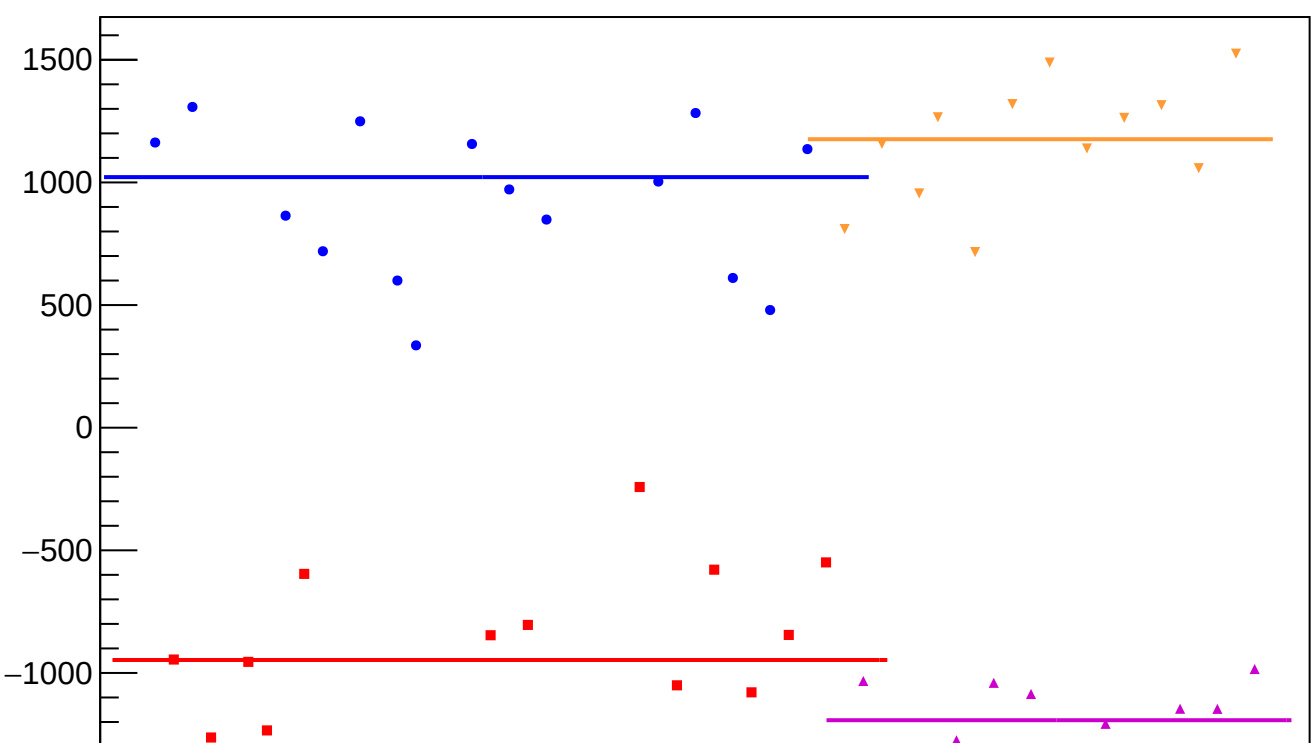
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828352 0.0/15

Out: -467.028+/-0.000 χ^2/NDF:786589030895614

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962406 4.0/10

All: -186.440+/-0.000 χ^2/NDF: 10111903245

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

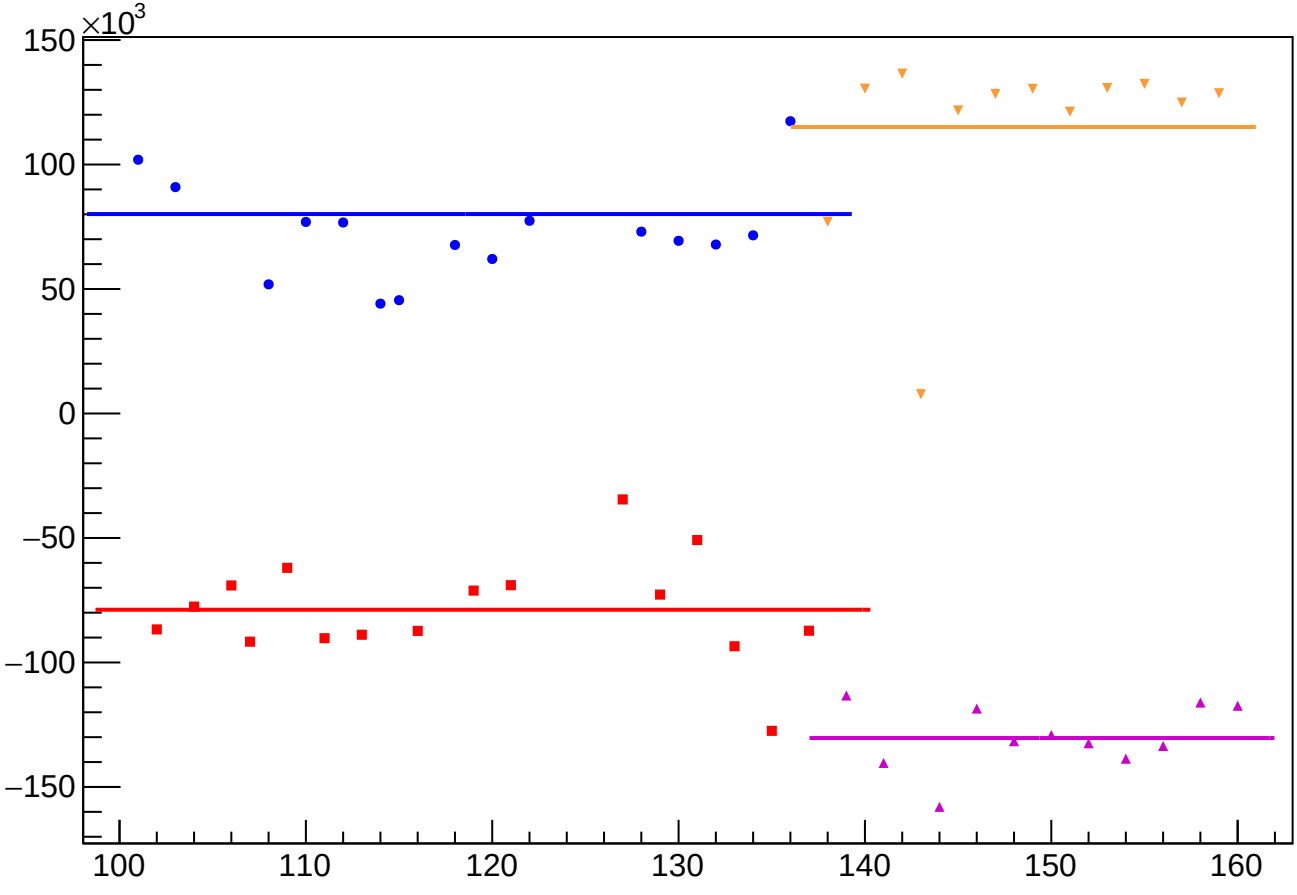
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

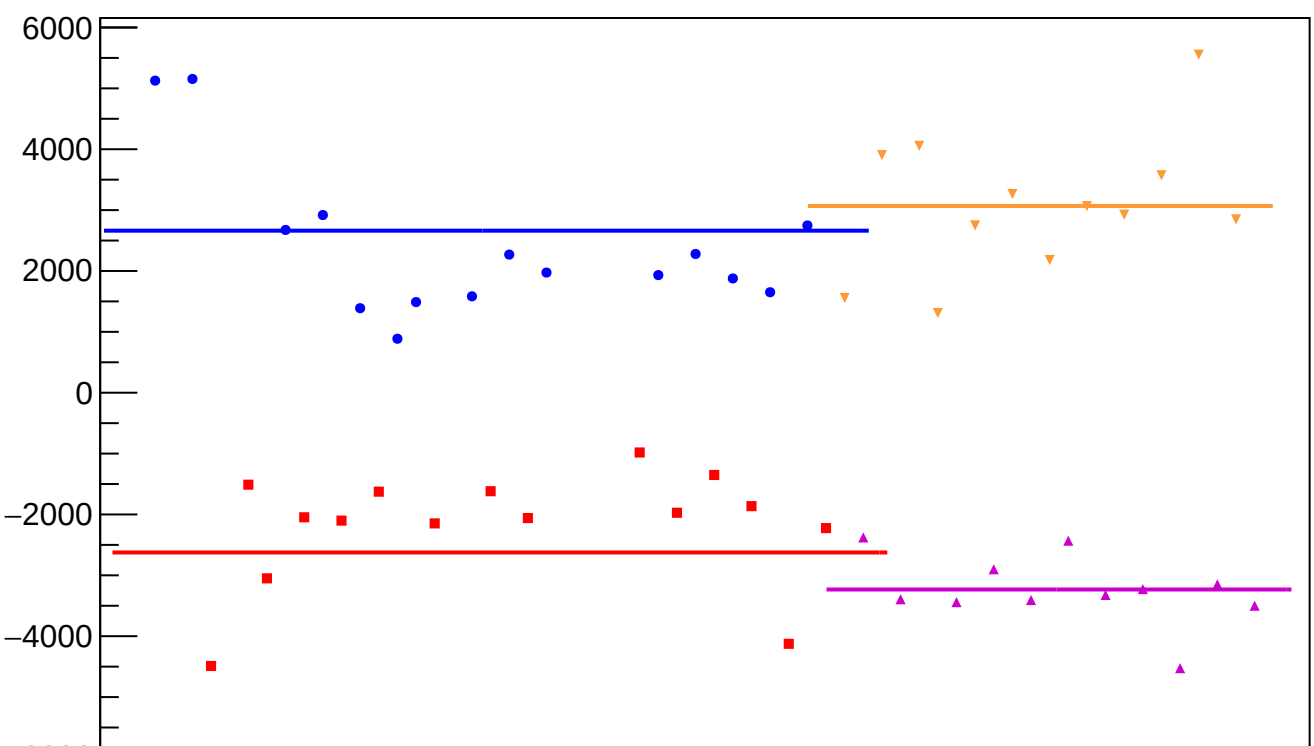
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8104.096+/-0.000 χ^2/NDF: 28901003549848
Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
Right: -443.492+/-0.000 χ^2/NDF: 88479516524724
Left Out: 115071.197+/-0.000 χ^2/NDF:10325006808320338789278995472903048307671 04.0/11
In: -43517.739+/-0.000 χ^2/NDF:17286902459469
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15
Out: 33428.111+/-0.000 χ^2/NDF:15834261661640
Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10
All: -4910.762+/-0.000 χ^2/NDF: 3779399134

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.481+/-0.000 χ^2/NDF: 1962565007329207

Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

Right: -17.413+/-0.000 χ^2/NDF: 117922842657675

Left Out: 3067.875+/-0.000 χ^2/NDF:1078495187687389019694818149822179049472.0/11

In: -800.651+/-0.000 χ^2/NDF:1455555206694384

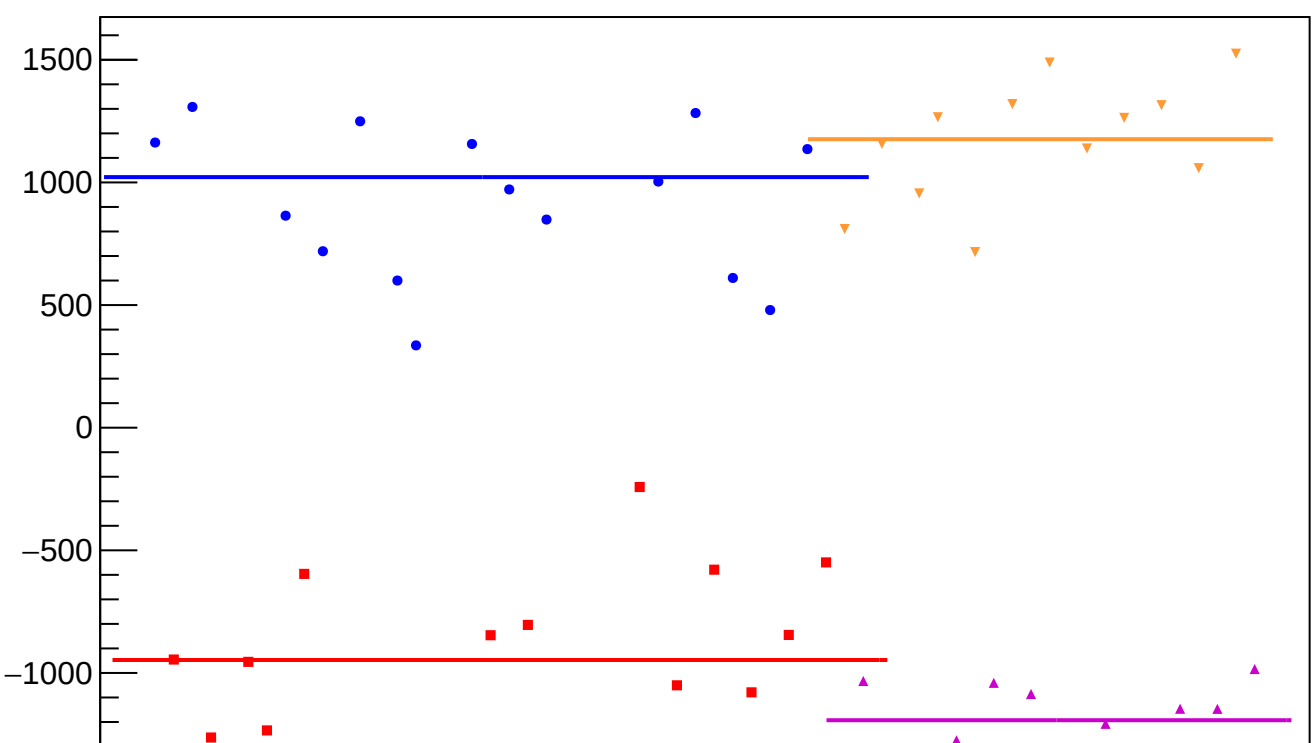
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Out: 670.814+/-0.000 χ^2/NDF:1515807076581912

Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10

All: -62.355+/-0.000 χ^2/NDF: 314224924174

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

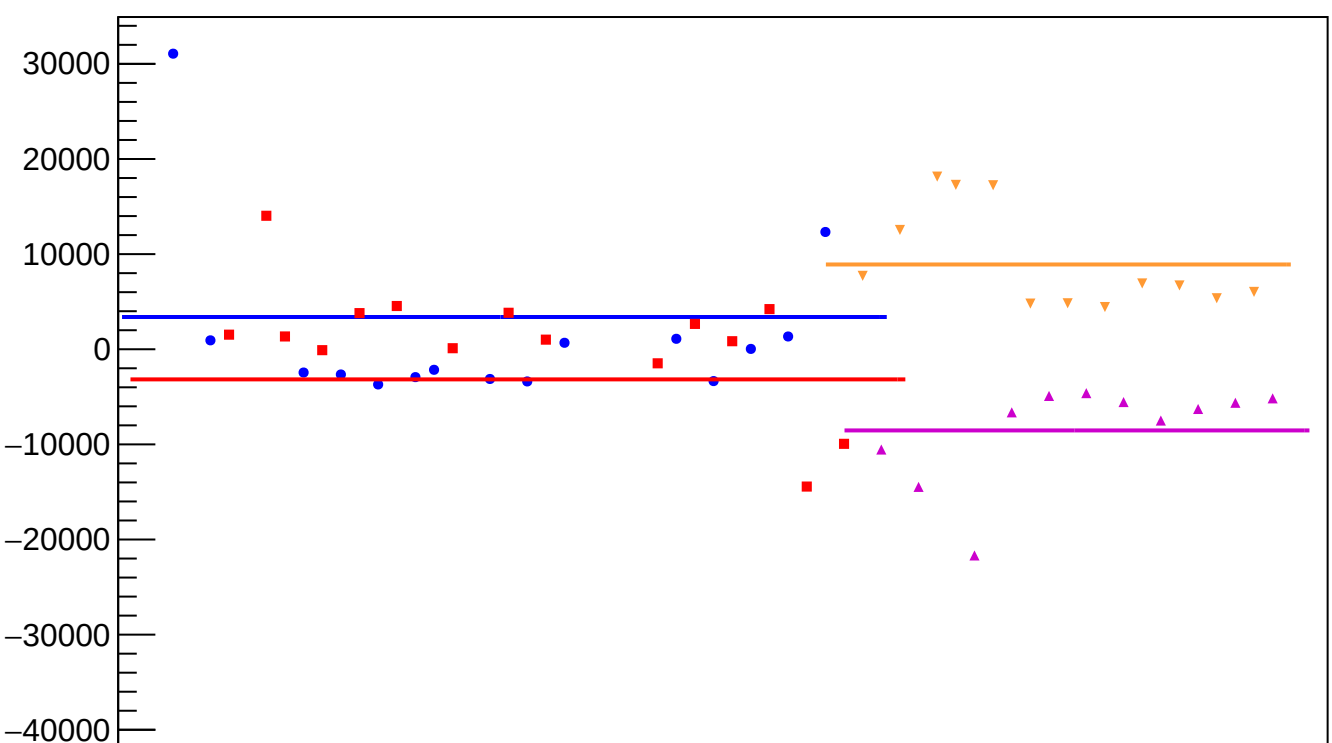
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

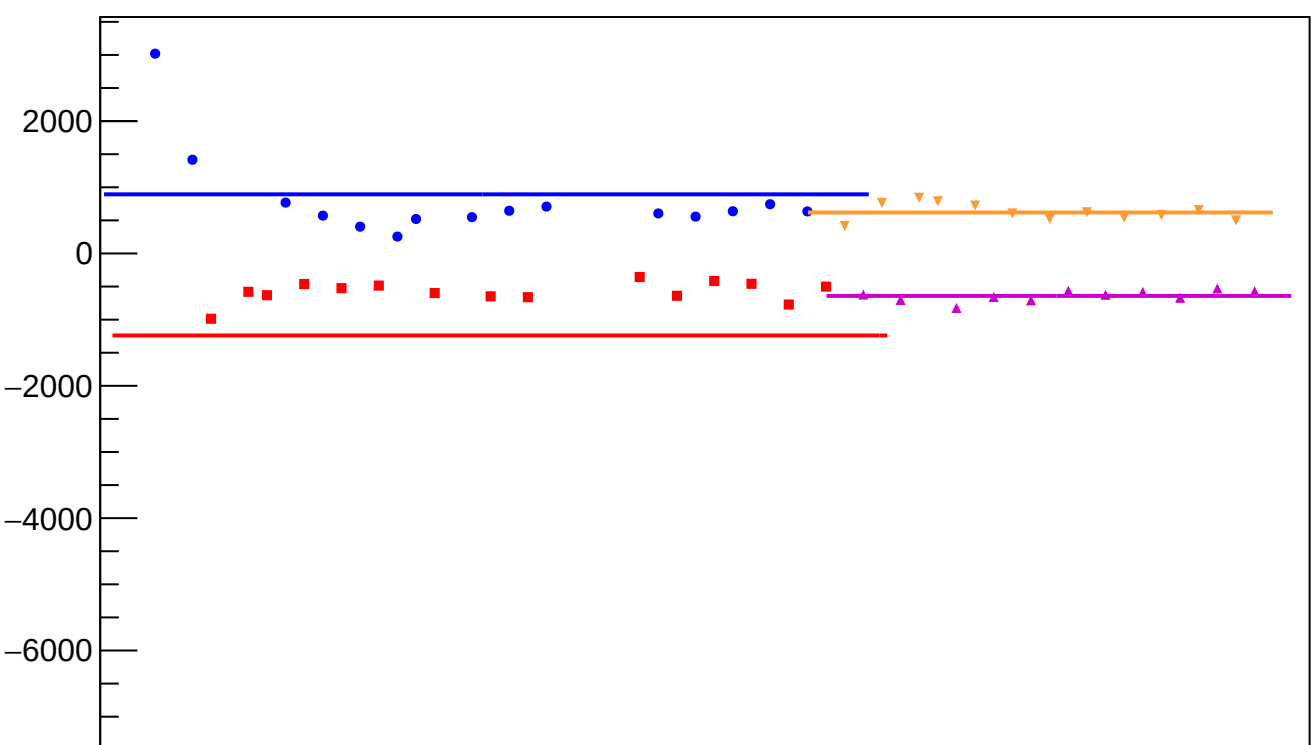
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atr1_coil7_mean vs Slug, Sign Corrected



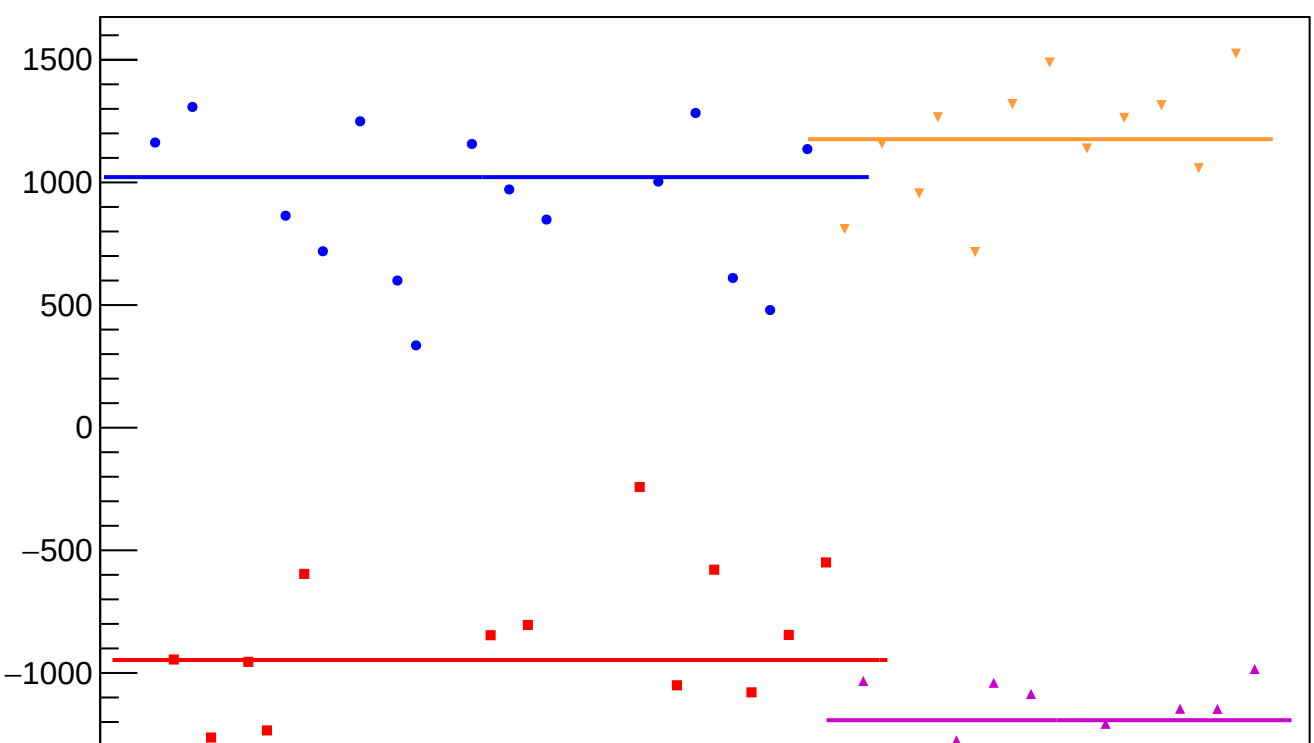
Left: 156.653+/-0.000 χ^2/NDF: 186439517427266
Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14
Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725
Left Out: 8912.459+/-0.000 χ^2/NDF:2207054440264607428426823169080523594137 6.0/11
In: -3613.388+/-0.000 χ^2/NDF:14436979844717 1
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15
Out: 3825.803+/-0.000 χ^2/NDF:2161704755068 30
Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10
All: 119.168+/-0.000 χ^2/NDF: 40421807927 4

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.461+/-0.000 χ^2/NDF: 7504621262145968
Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 619.363+/-0.000 χ^2/NDF:1274331059790780227359809930048988 7744.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 2970990859486483990408108918937565003776.0/15
Out: -163.293+/-0.000 χ^2/NDF:431768646562463
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -85.966+/-0.000 χ^2/NDF: 557579474185

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

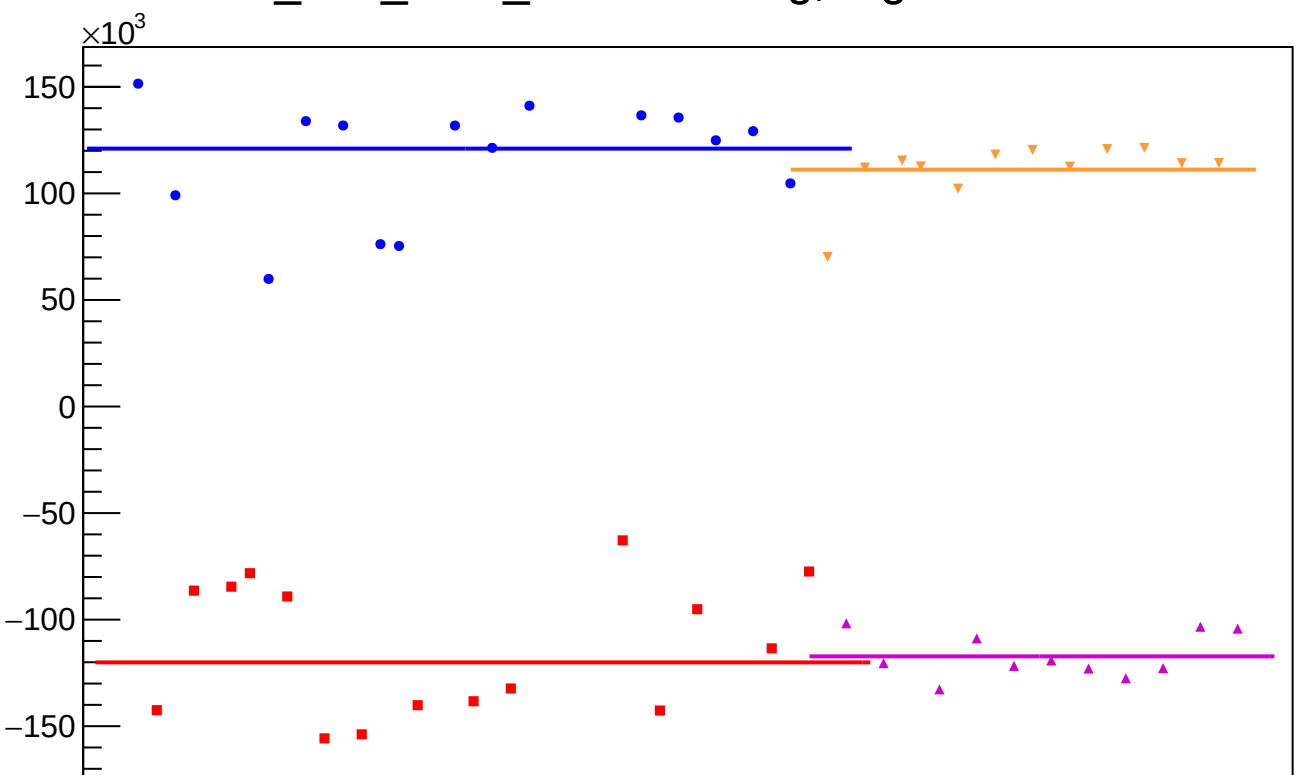
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

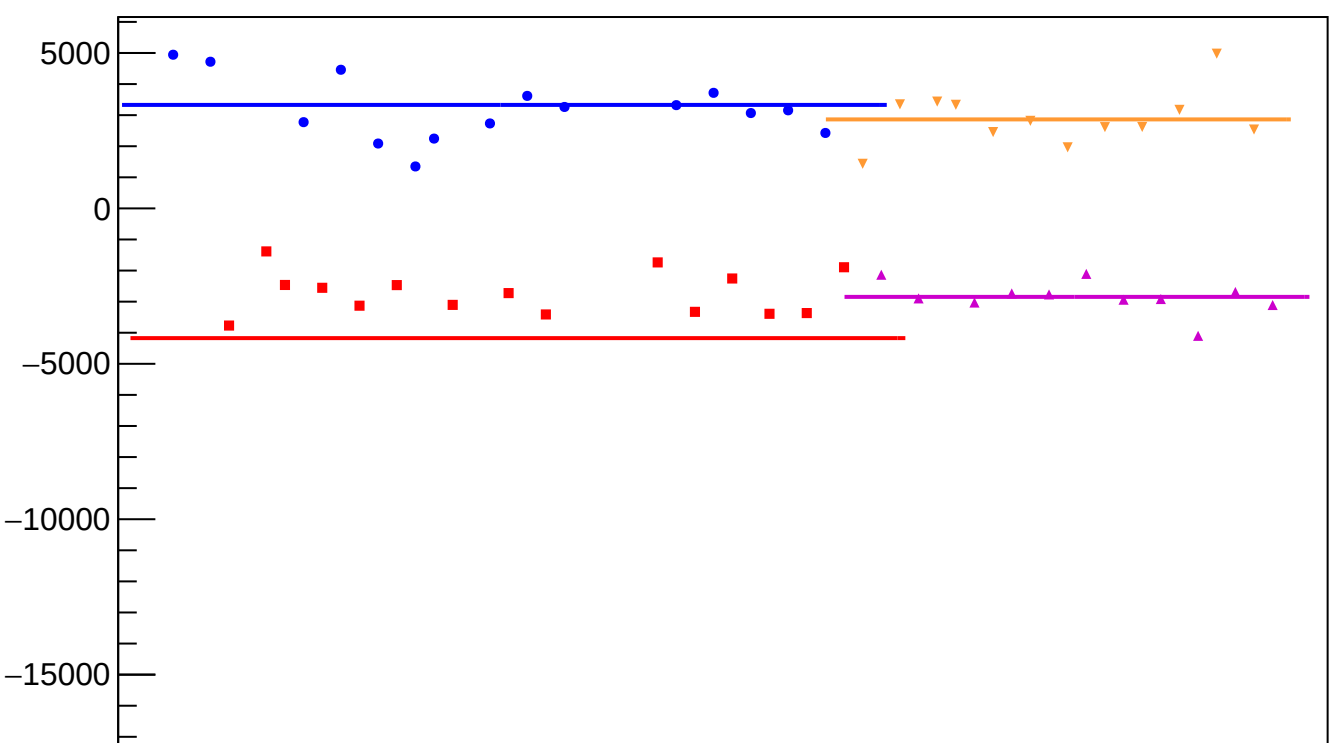
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3469.561+/-0.000 χ^2/NDF: 24269872595943
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111166.801+/-0.000 χ^2/NDF:167364192439388047212250461007969368670208.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13800.173+/-0.000 χ^2/NDF:2164097647755 1
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2511.323+/-0.000 χ^2/NDF: 4457837354

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.550+/-0.000 χ^2/NDF: 15902711731556082

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2863.169+/-0.000 χ^2/NDF:668766817298044492245074854515224608768.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

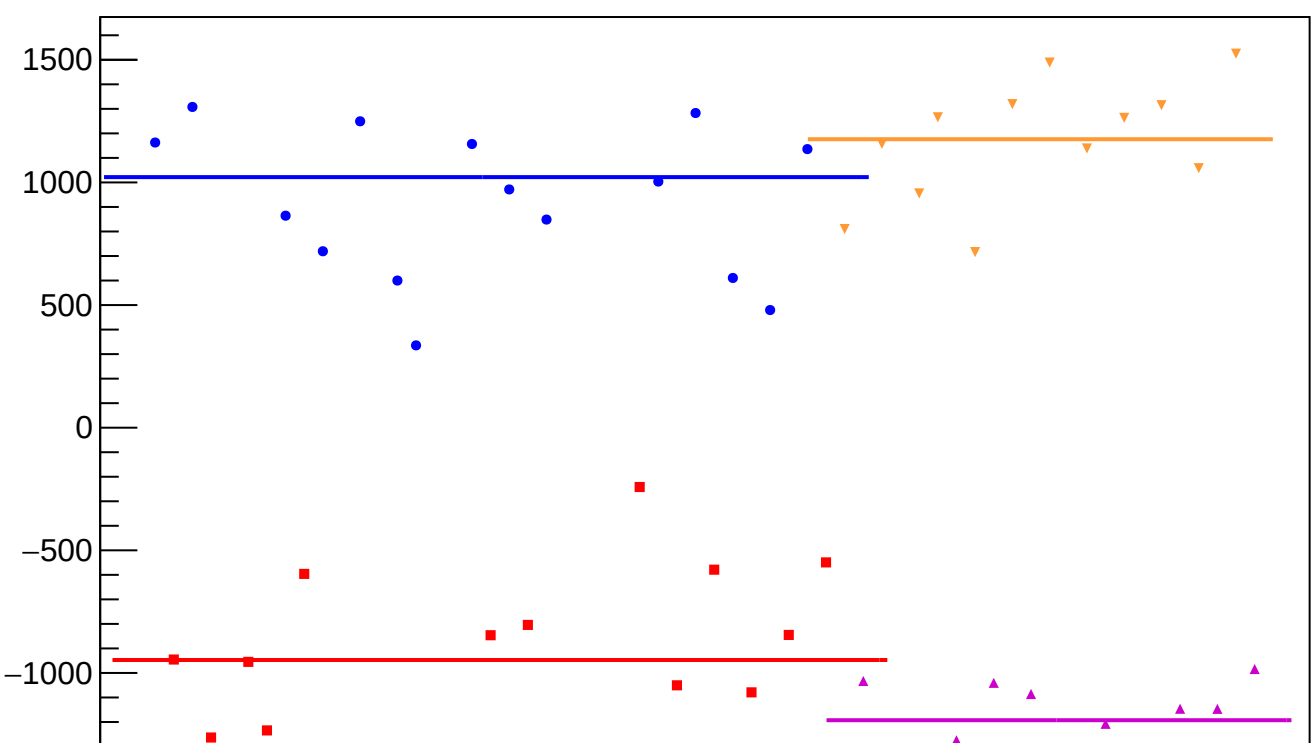
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -99.845+/-0.000 χ^2/NDF:3328605232002886

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.776+/-0.000 χ^2/NDF: 48655252714

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

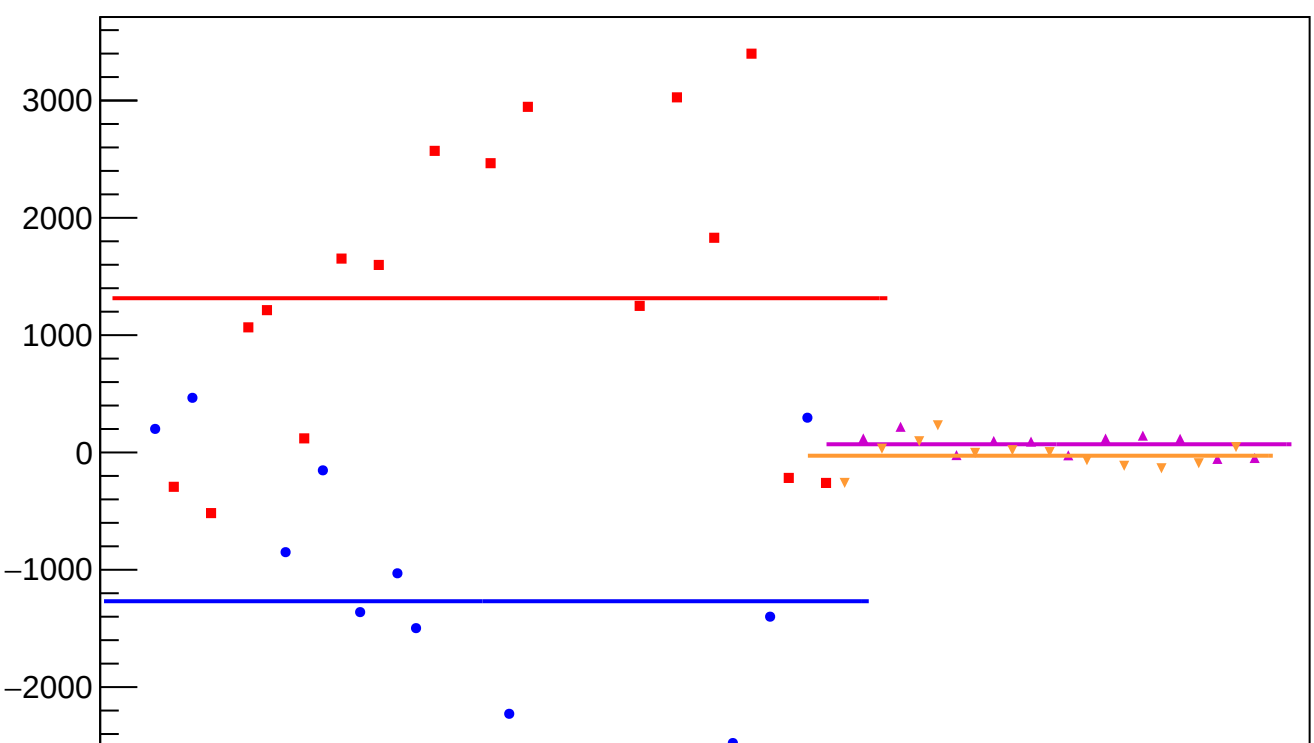
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

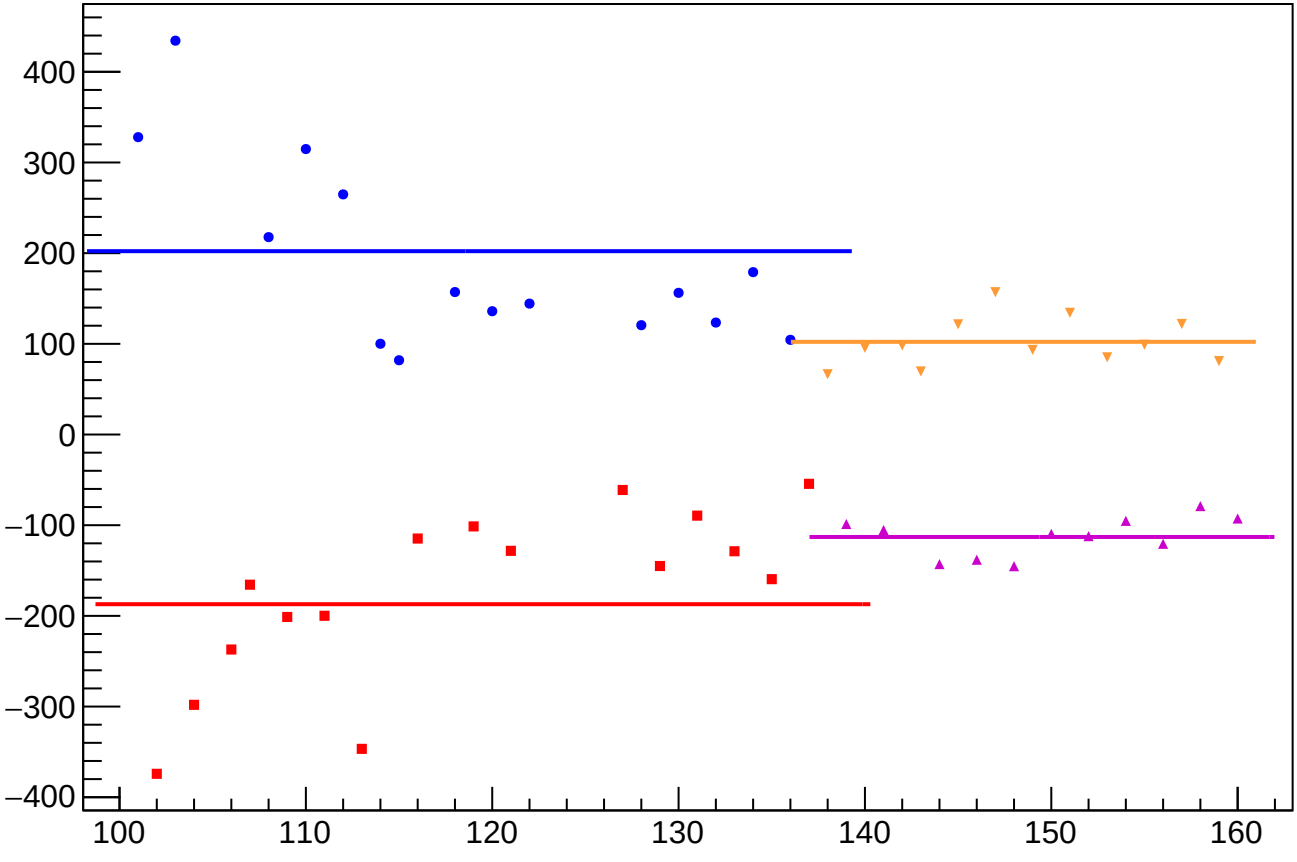
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.302+/-0.000 χ^2/NDF: 2367978487139292
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.654+/-0.000 χ^2/NDF:1240413161703628881857363251691729715 2.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 537.620+/-0.000 χ^2/NDF:180672936250387 6
Left In: 69.887+/-0.000 χ^2/NDF:689672905510609549267529077554465996 8.0/10
All: 29.520+/-0.000 χ^2/NDF: 4409078738323

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.794+/-0.000 χ^2/NDF: 22329321836444331

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.211+/-0.000 χ^2/NDF:617349982651654313498458631453016064.0/11

In: 17.055+/-0.000 χ^2/NDF:45296015333849290

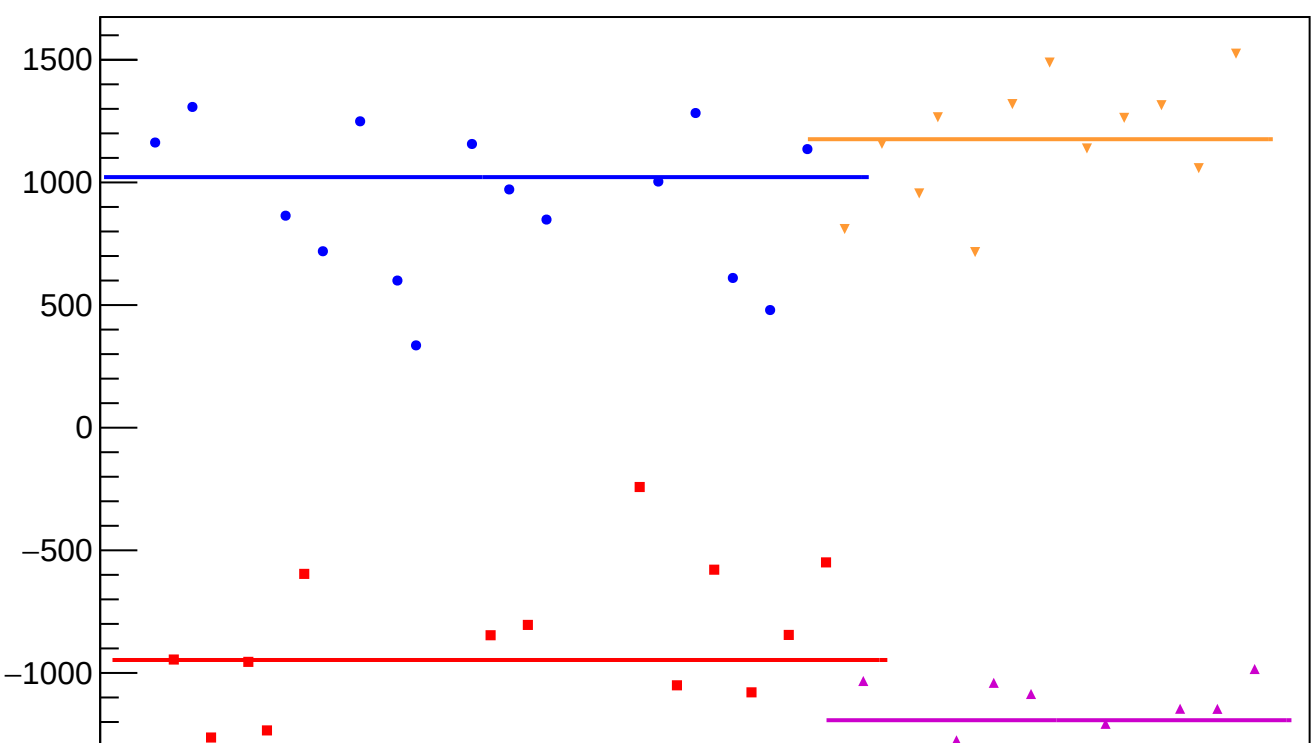
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.625+/-0.000 χ^2/NDF:3917308434044750

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.349+/-0.000 χ^2/NDF: 8553091353048

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

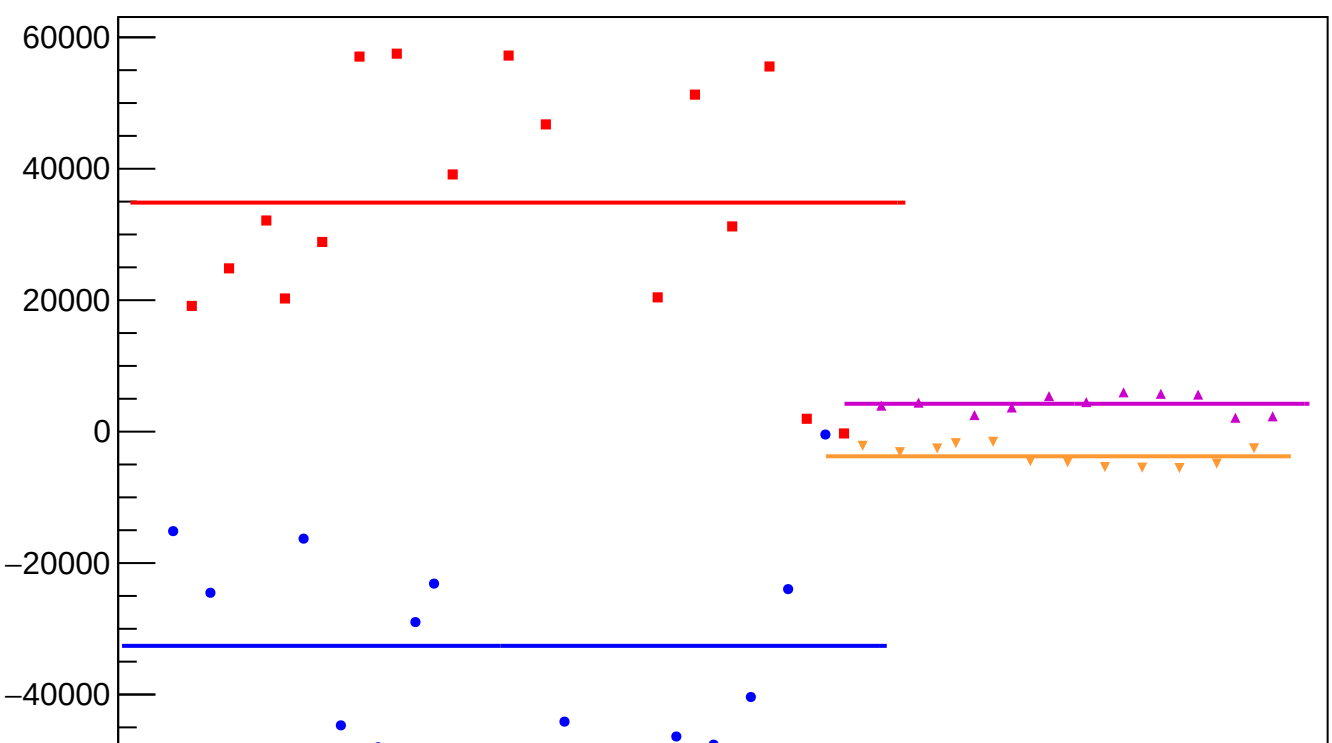
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.348+/-0.000 χ^2/NDF: 3307112965048947

Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14

Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603

Left Out: -3752.448+/-0.000 χ^2/NDF:200401892239786451250625175198296860262 4.0/11

In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7

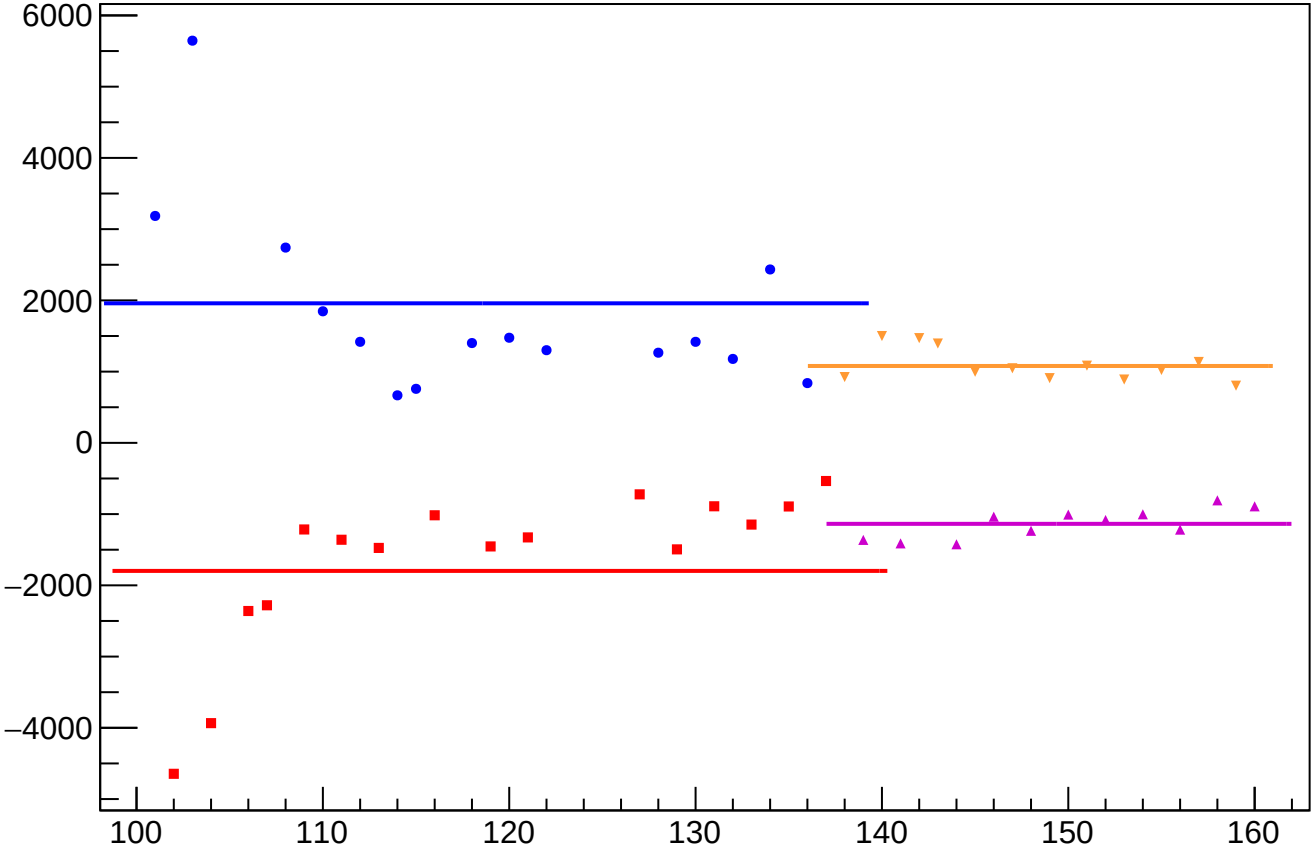
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15

Out: 12501.674+/-0.000 χ^2/NDF:7984732334740 0

Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10

All: 812.523+/-0.000 χ^2/NDF: 19609015766 2

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -32.969+/-0.000 χ^2/NDF: 2339525049337502

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1079.227+/-0.000 χ^2/NDF:4283945866125572460989440605846241280 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

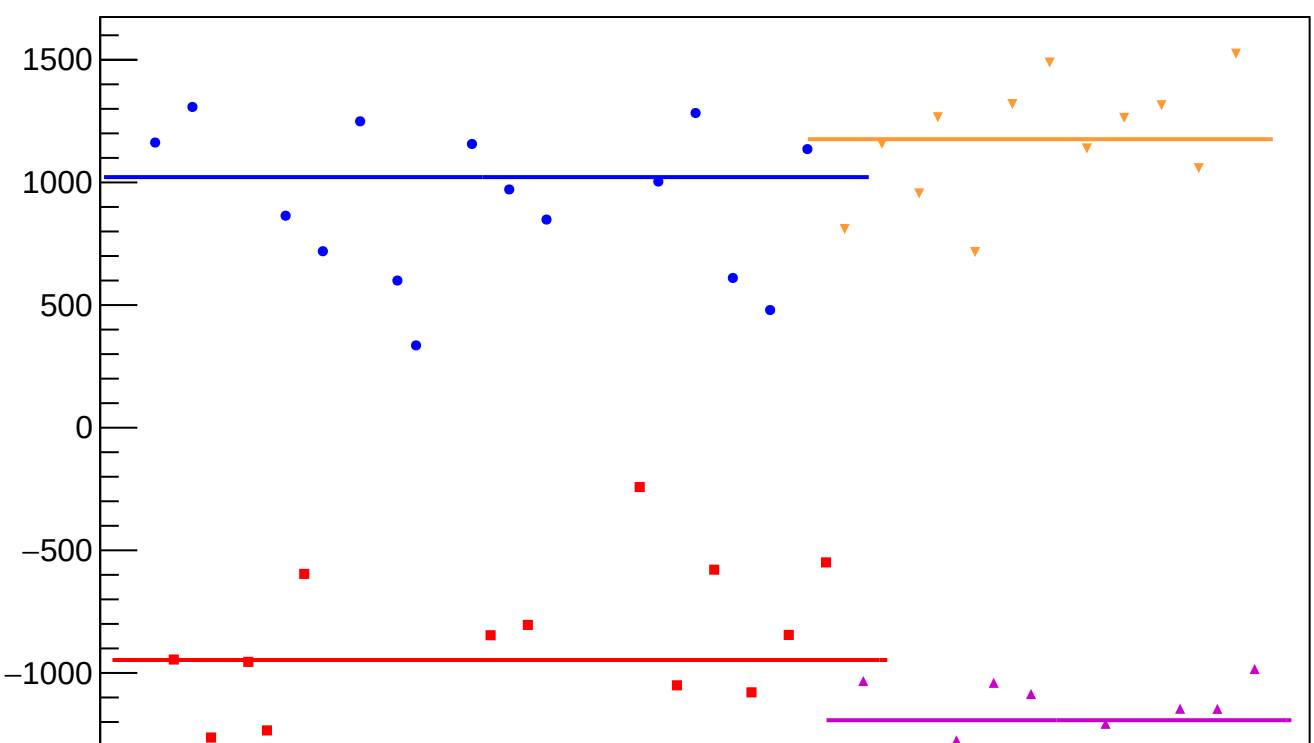
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.077+/-0.000 χ^2/NDF:419318398418224

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.715+/-0.000 χ^2/NDF: 9130958832355

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

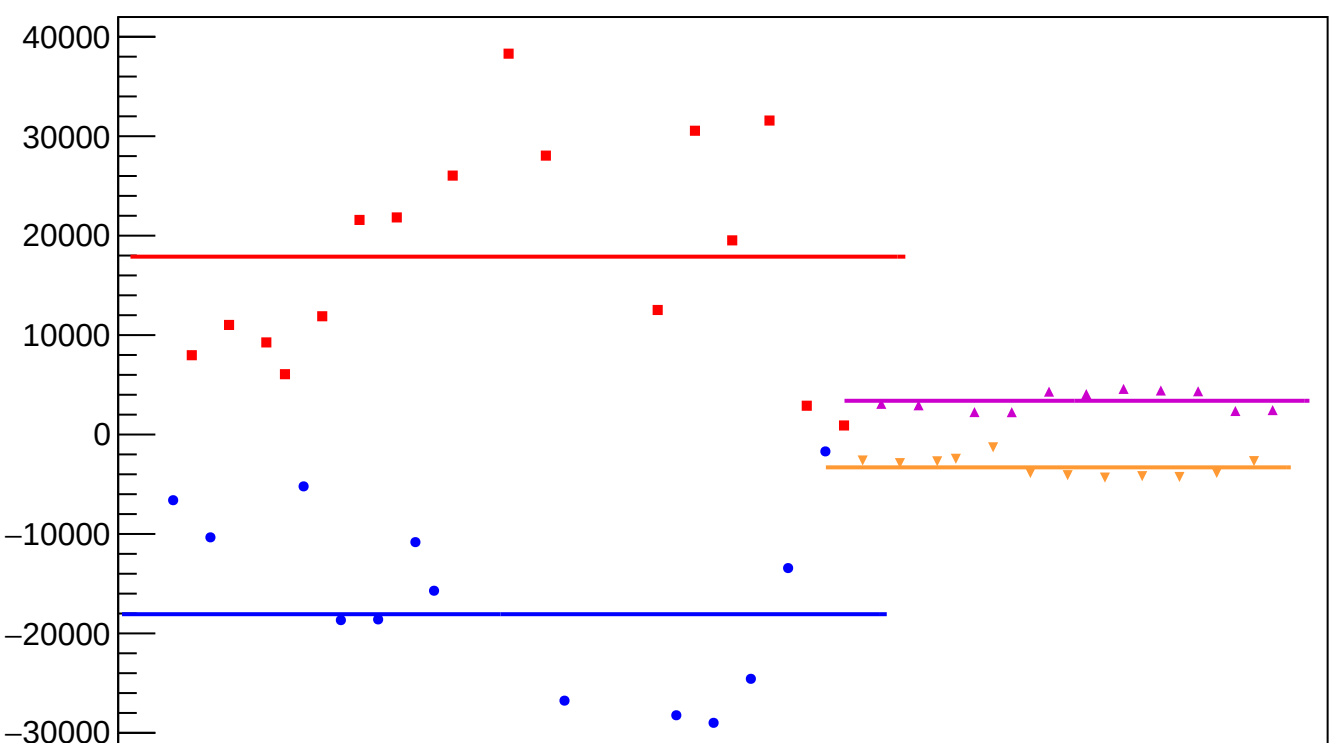
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

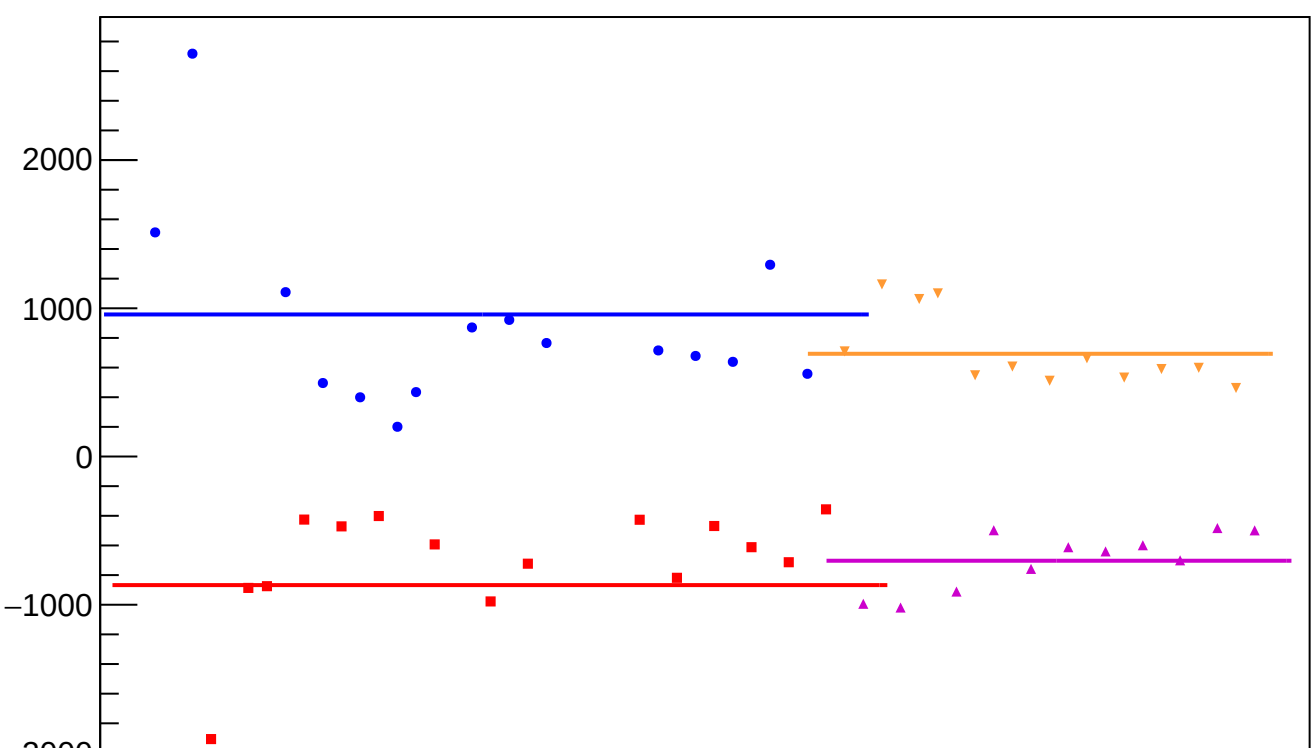
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.316+/-0.000 χ^2/NDF: 2224214762821478
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3301.165+/-0.000 χ^2/NDF:8045720068680885182245034797299746734 08.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5621.355+/-0.000 χ^2/NDF:252580420870454
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.495+/-0.000 χ^2/NDF: 6102466696824

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.698+/-0.000 χ^2/NDF: 97780669416064476

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 693.081+/-0.000 χ^2/NDF:4851473446850370812653864126724125 4912.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

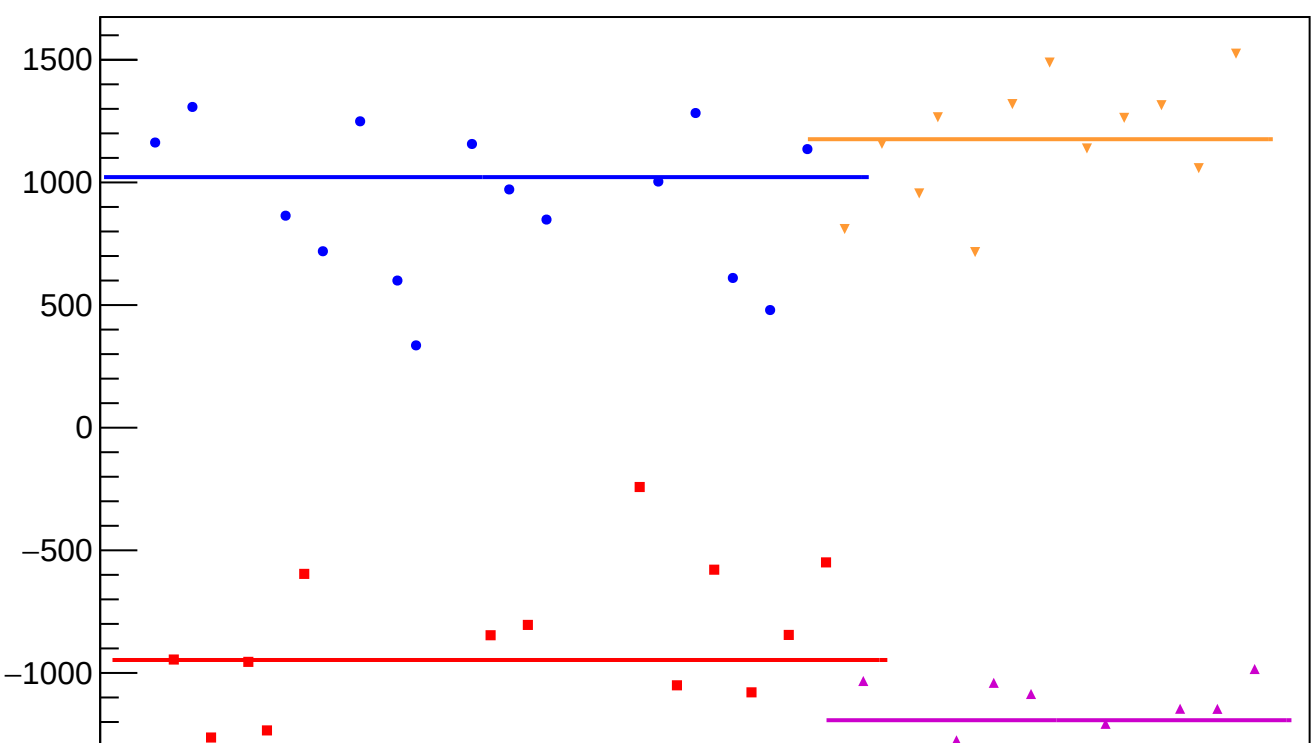
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.927+/-0.000 χ^2/NDF:1205090393520215 9

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.246+/-0.000 χ^2/NDF: 2556646870304 2

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

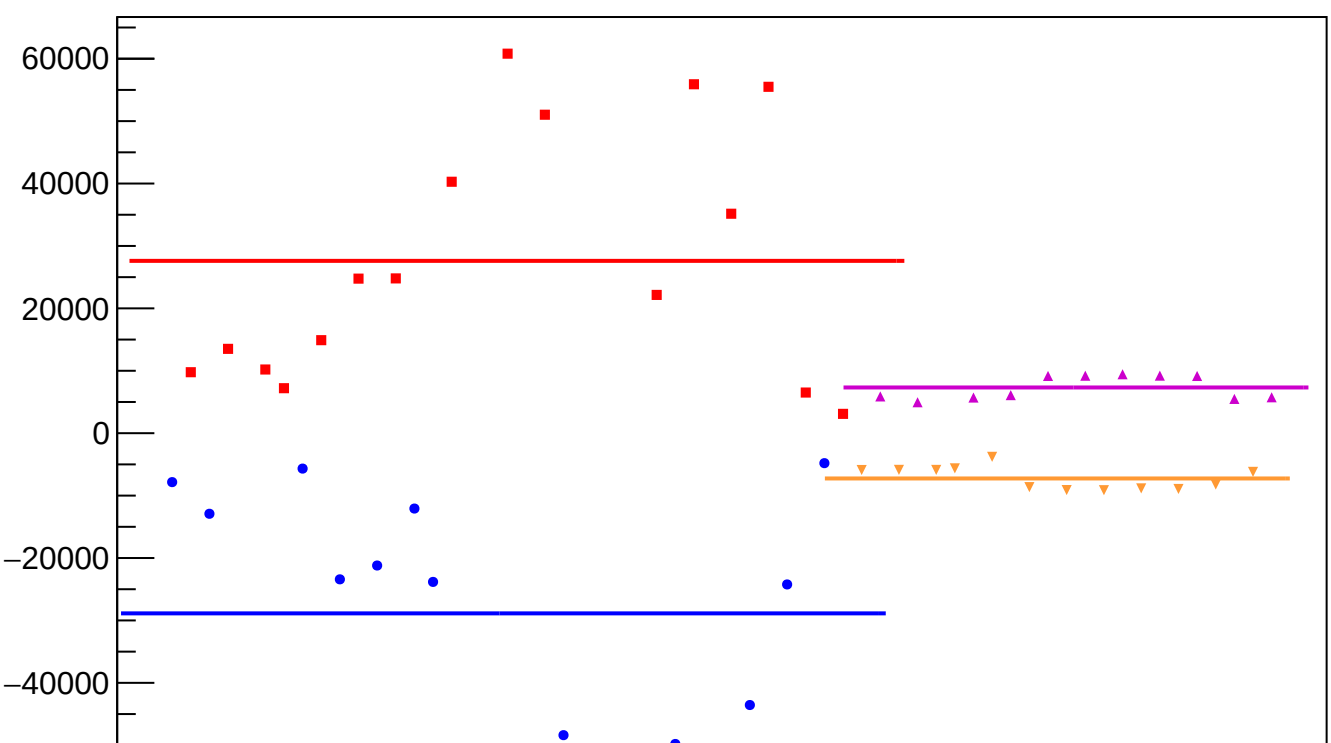
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

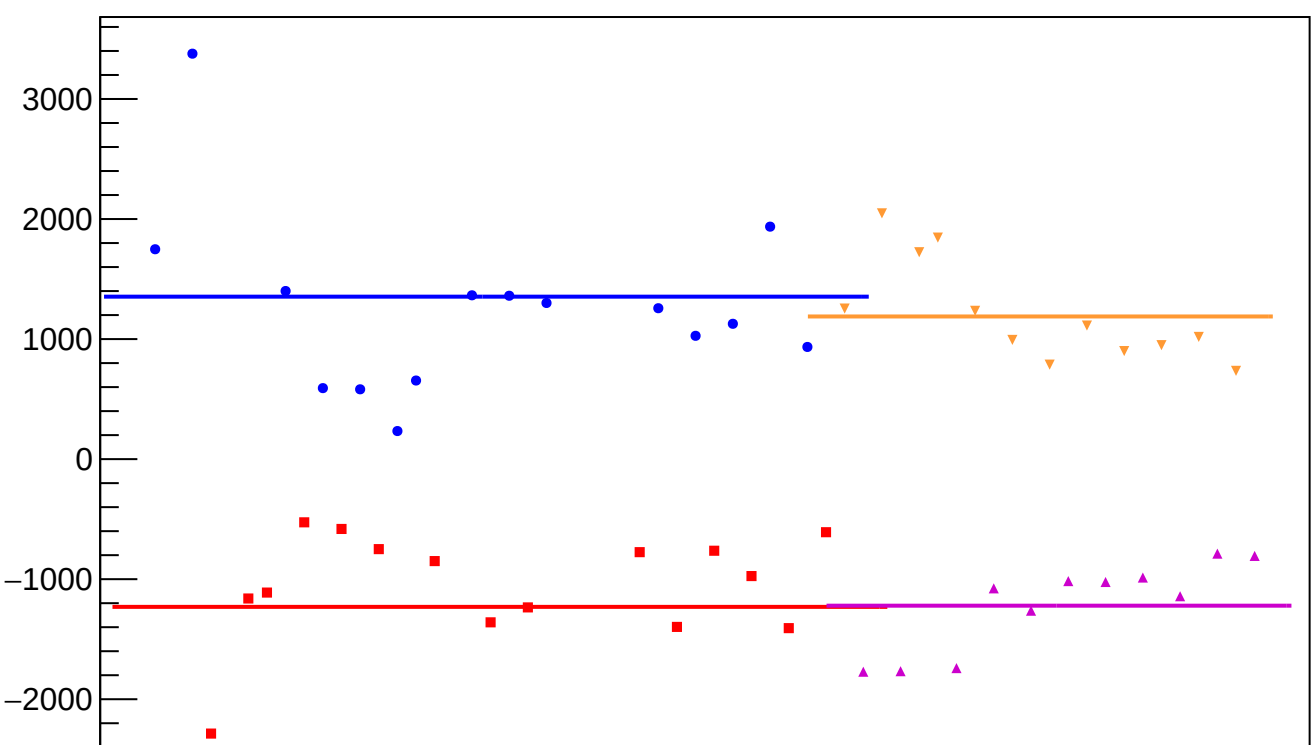
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.226+/-0.000 χ^2/NDF: 1037243095558681
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7254.077+/-0.000 χ^2/NDF:285255888049232166346706246602722377728 0.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7427.050+/-0.000 χ^2/NDF:720322837766994
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.270+/-0.000 χ^2/NDF: 166263565673

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.773+/-0.000 χ^2/NDF: 2937905833328577

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1188.374+/-0.000 χ^2/NDF:1503886366143269167509182202875090042 88.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

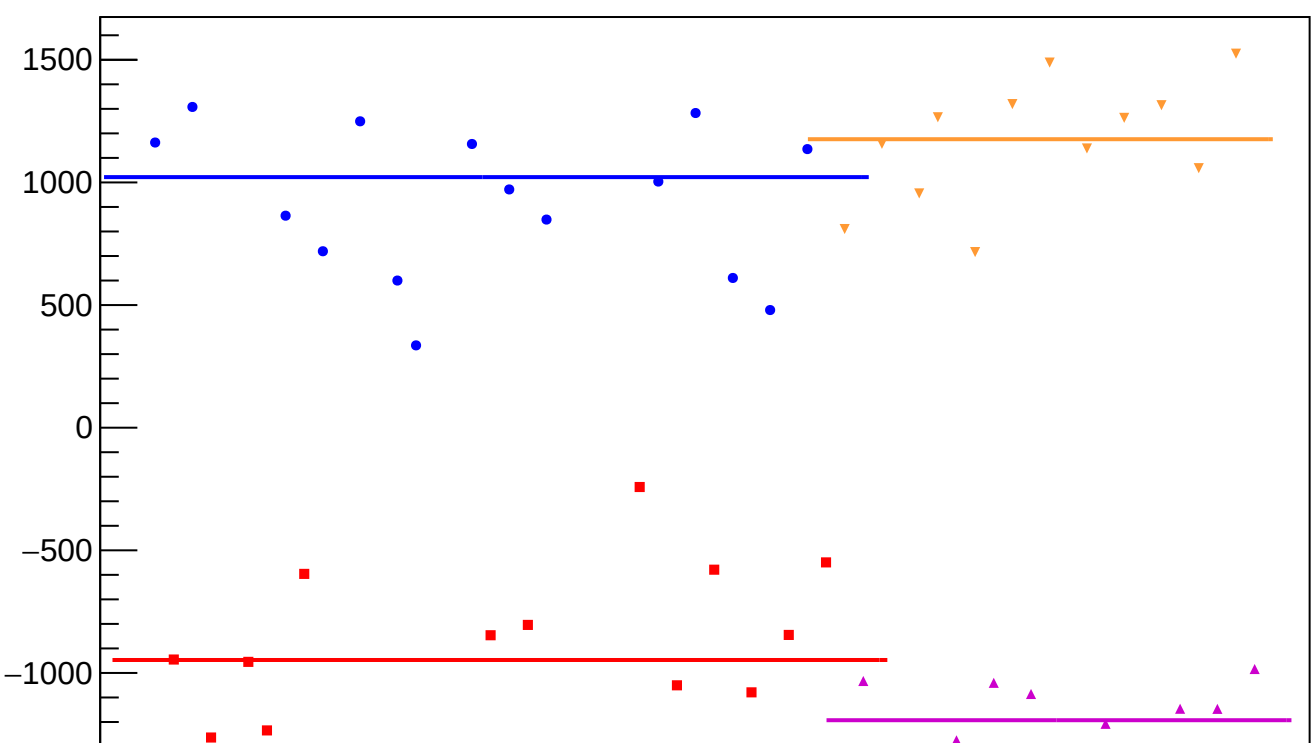
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 169.765+/-0.000 χ^2/NDF:2686887830938802

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.110+/-0.000 χ^2/NDF: 5767393377296 5

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

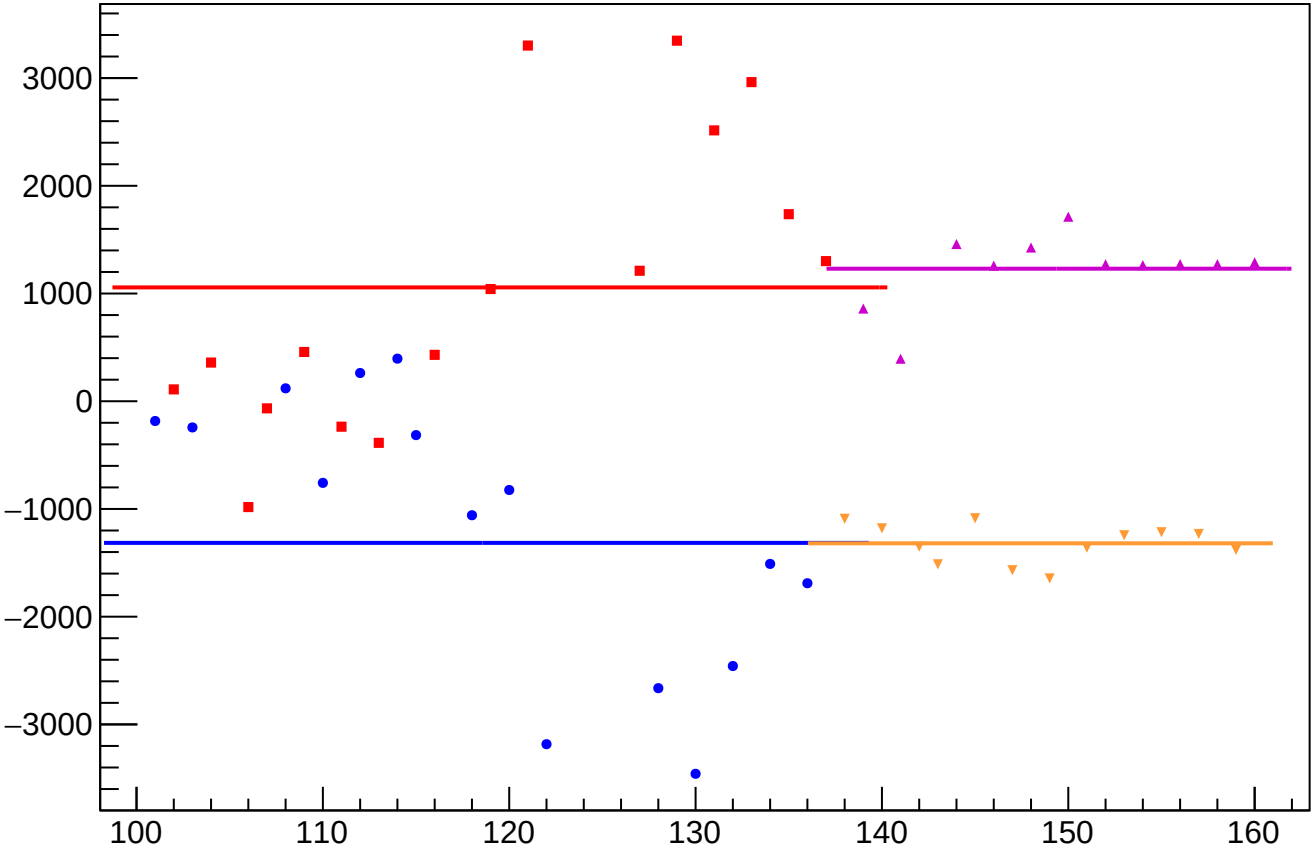
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.345+/-0.000 χ^2/NDF: 3120127599726201

Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14

Right: -112.789+/-0.000 χ^2/NDF: 39432514405702

Left Out: -1318.814+/-0.000 χ^2/NDF:2873885677555434095474514478444104908 8.0/11

In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5

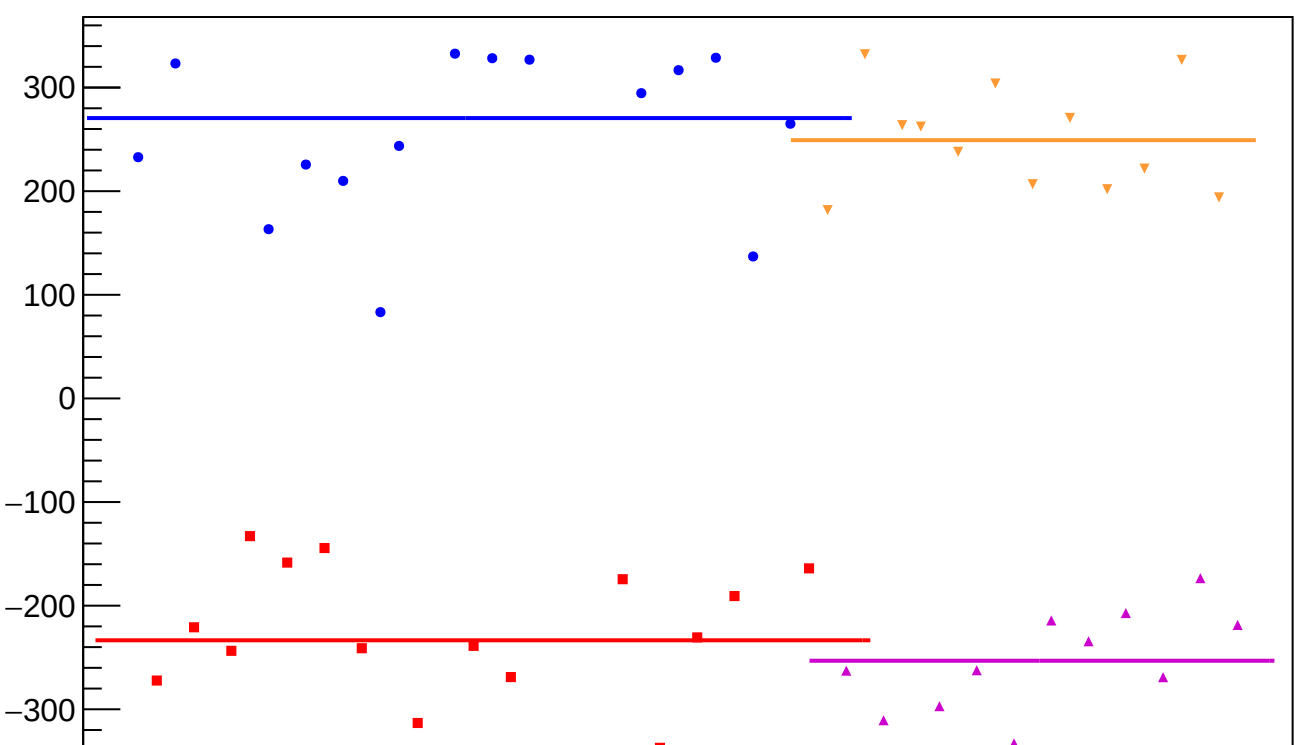
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15

Out: -318.491+/-0.000 χ^2/NDF:333498948748990

Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10

All: -69.961+/-0.000 χ^2/NDF: 706751853981

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.909+/-0.000 χ^2/NDF: 12048014195596265

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 249.237+/-0.000 χ^2/NDF:2339906474360292493064044354333573120.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

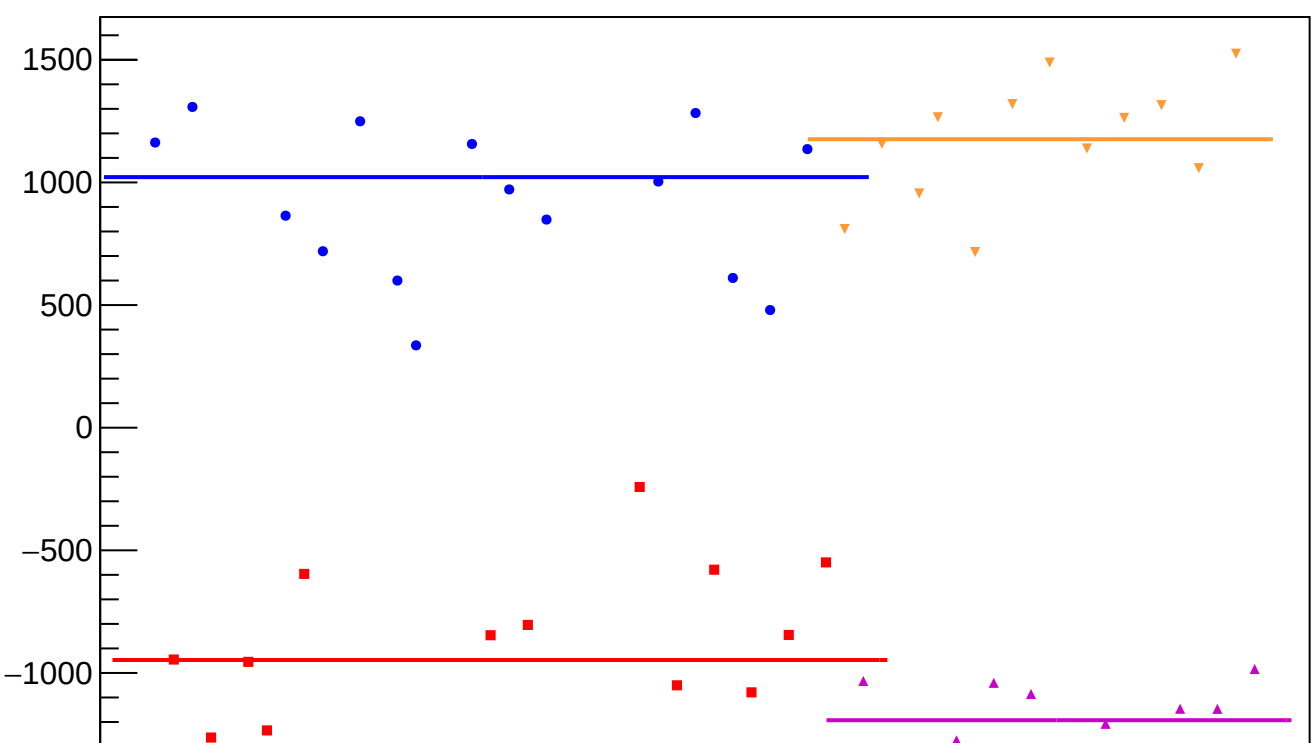
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 45.997+/-0.000 χ^2/NDF:9534215487800800

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.603+/-0.000 χ^2/NDF: 2097937656372

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

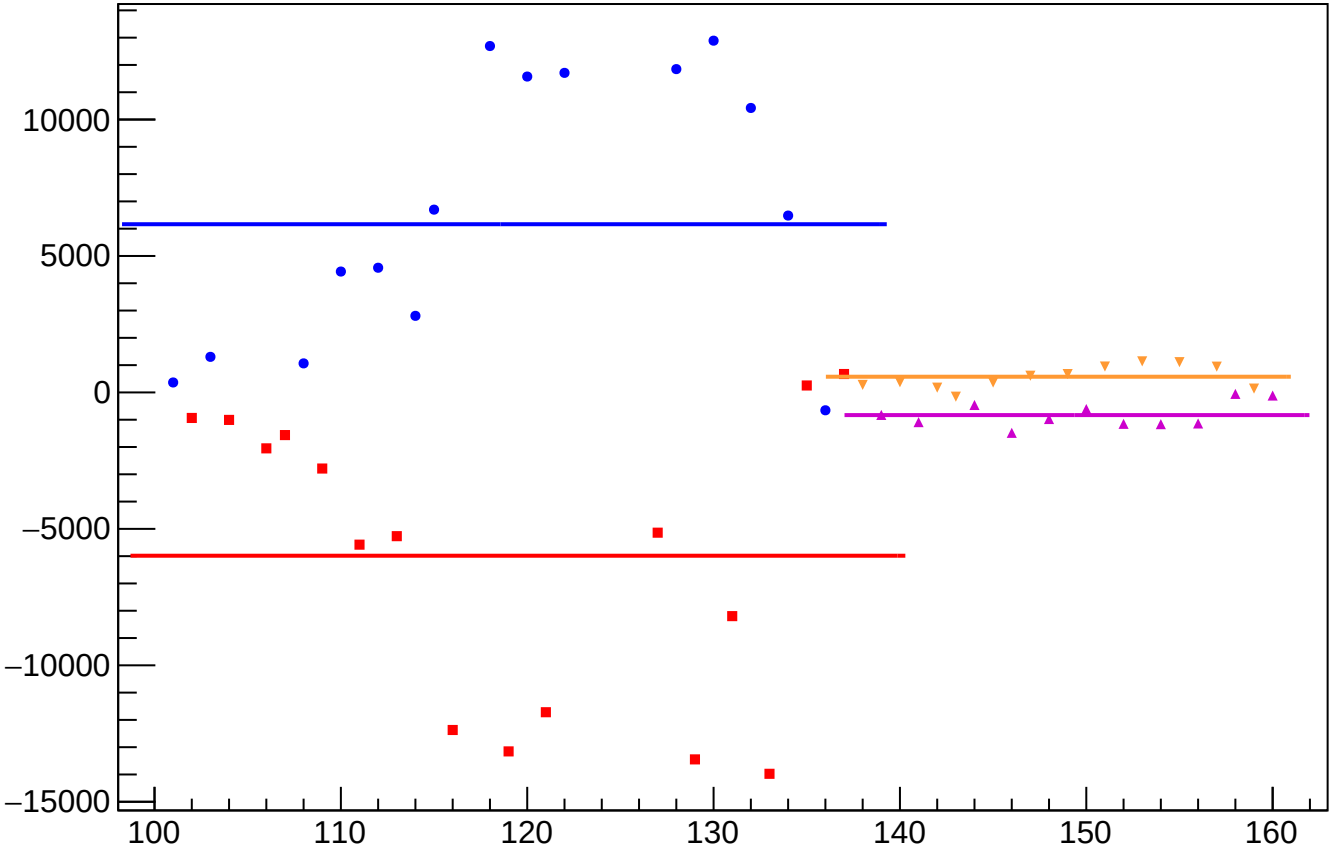
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.269+/-0.000 χ^2/NDF: 122669407546911

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 575.396+/-0.000 χ^2/NDF:1445529132280667816251884433555649986 56.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

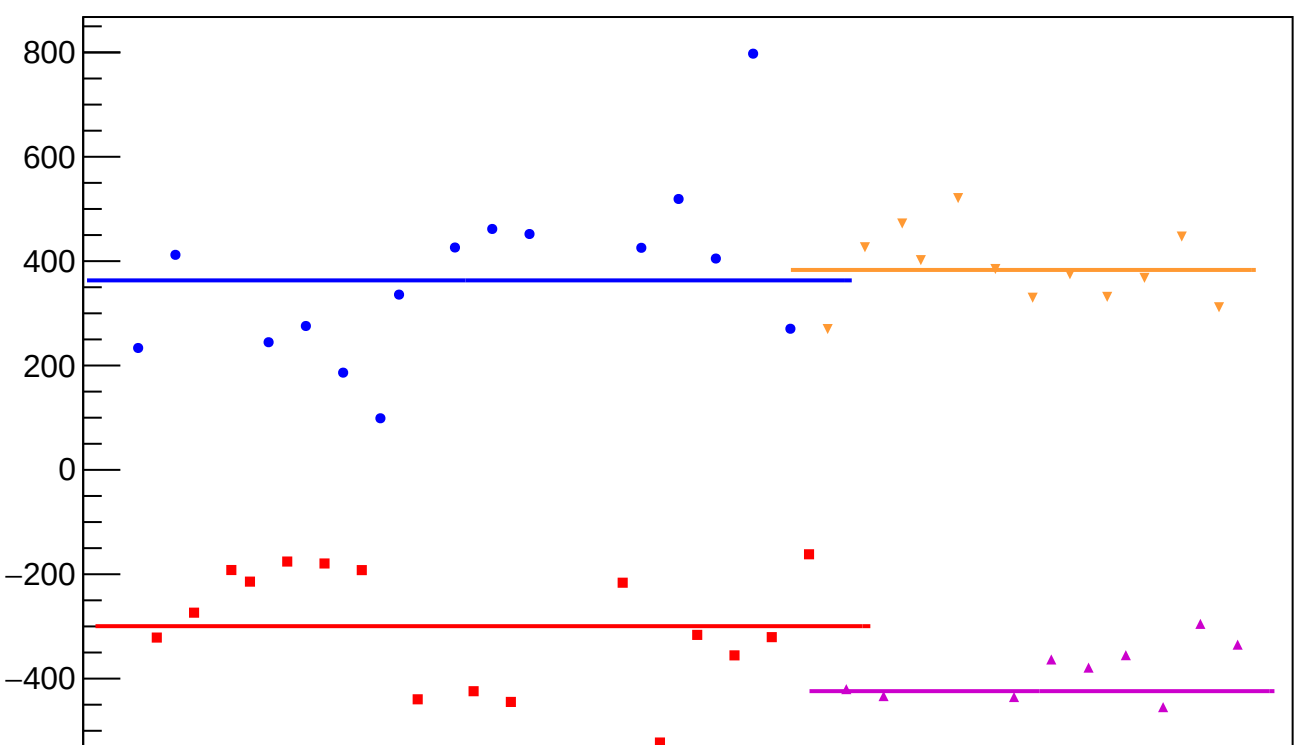
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2186.621+/-0.000 χ^2/NDF:34262878323856

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.169+/-0.000 χ^2/NDF: 854842243491

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -21.982+/-0.000 χ^2/NDF: 3119745931798331

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 383.139+/-0.000 χ^2/NDF:4300109581526268747828208718091124736.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

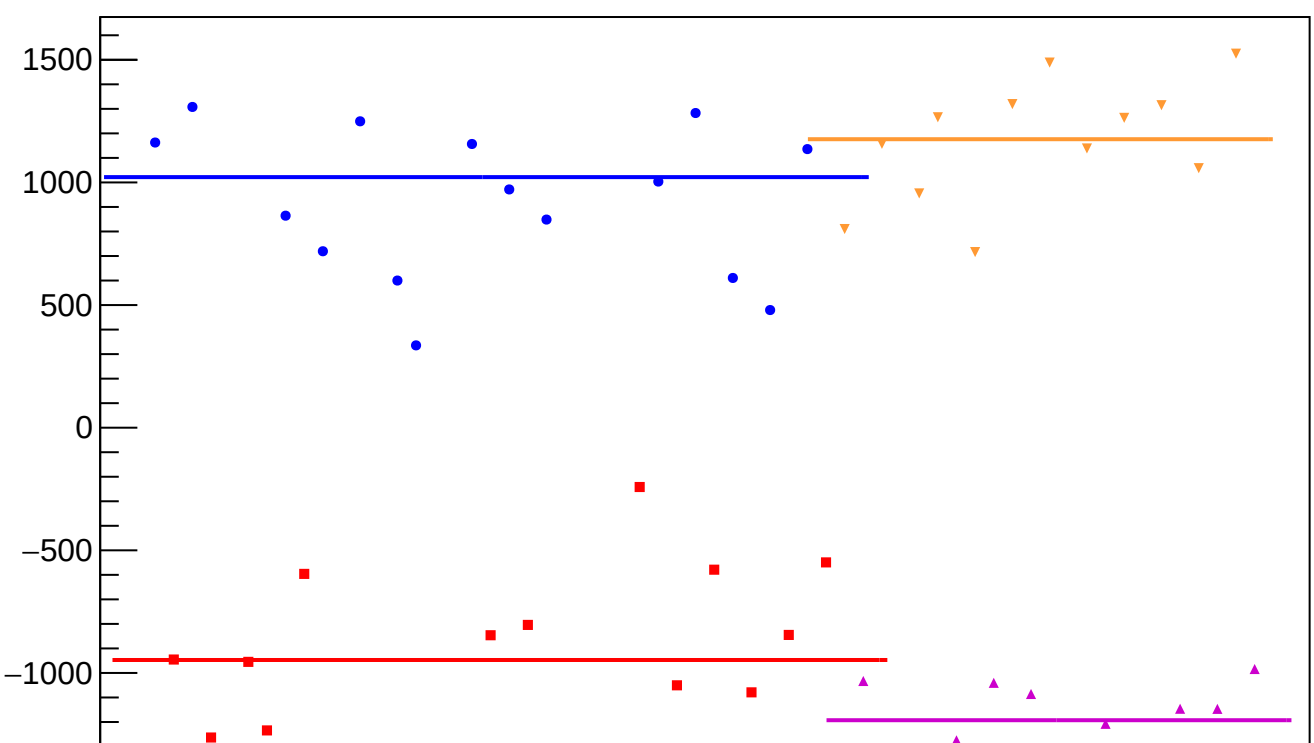
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.683+/-0.000 χ^2/NDF:19193108375677536

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.448+/-0.000 χ^2/NDF: 4774625477045

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

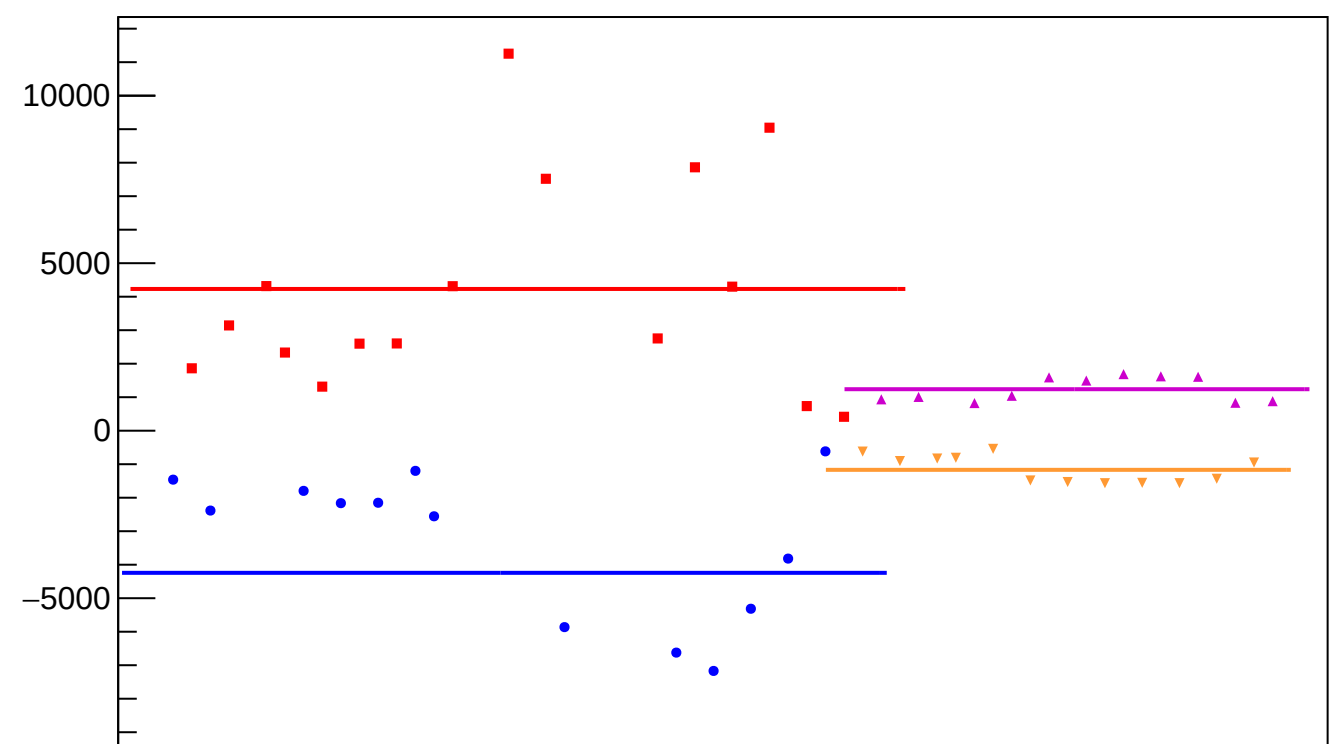
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 39.988+/-0.000 χ^2/NDF: 2917814522893317

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1167.950+/-0.000 χ^2/NDF:140593267041981181070281289588583432192.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

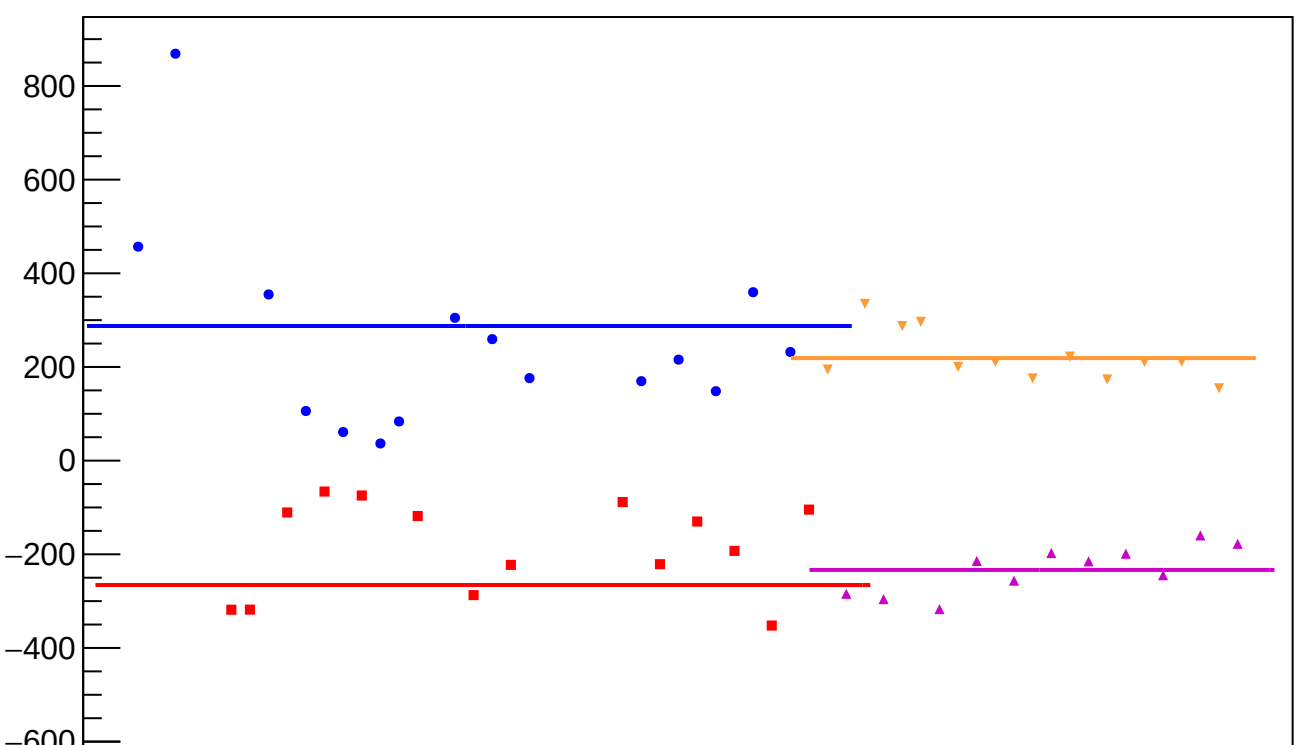
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1105.462+/-0.000 χ^2/NDF:180782523773145

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.141+/-0.000 χ^2/NDF: 399997244031

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.082+/-0.000 χ^2/NDF: 98821919771983613

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 218.953+/-0.000 χ^2/NDF:2475213997163419950481199473566416896.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

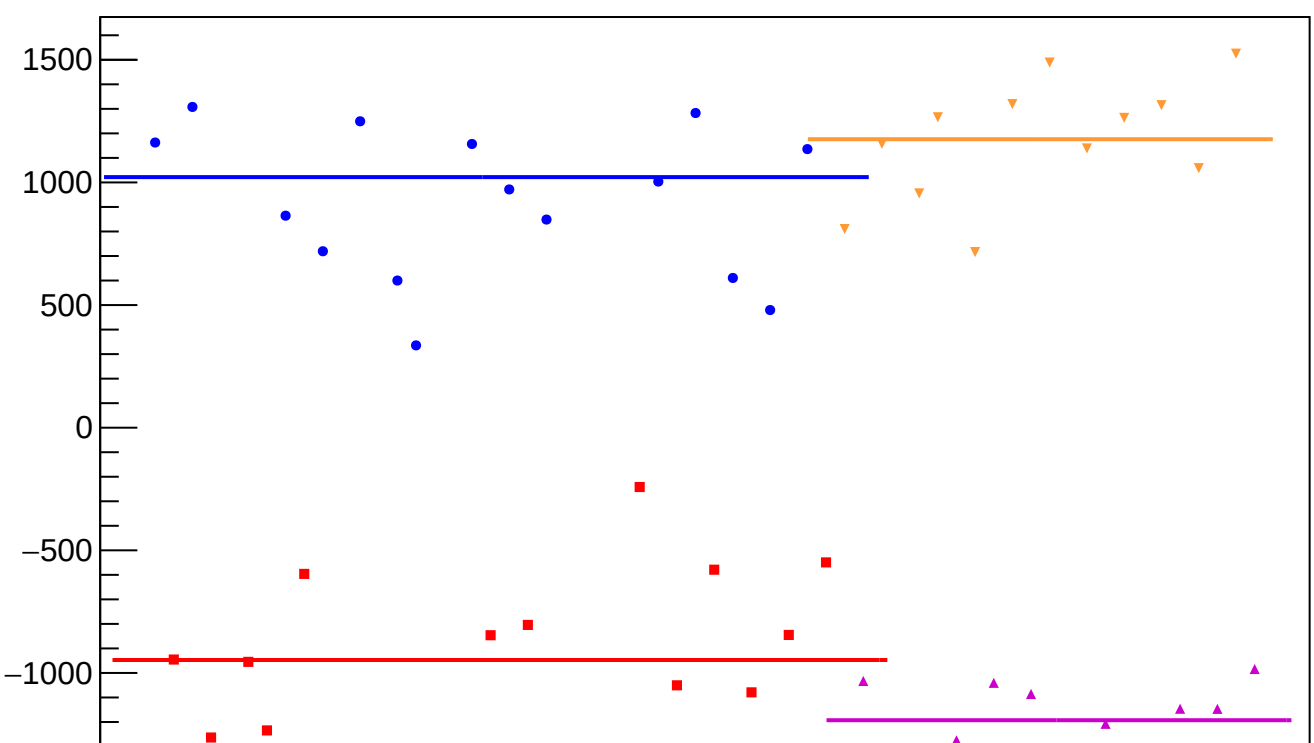
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.918+/-0.000 χ^2/NDF:1189772953296667 8

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.732+/-0.000 χ^2/NDF: 2549717132605

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

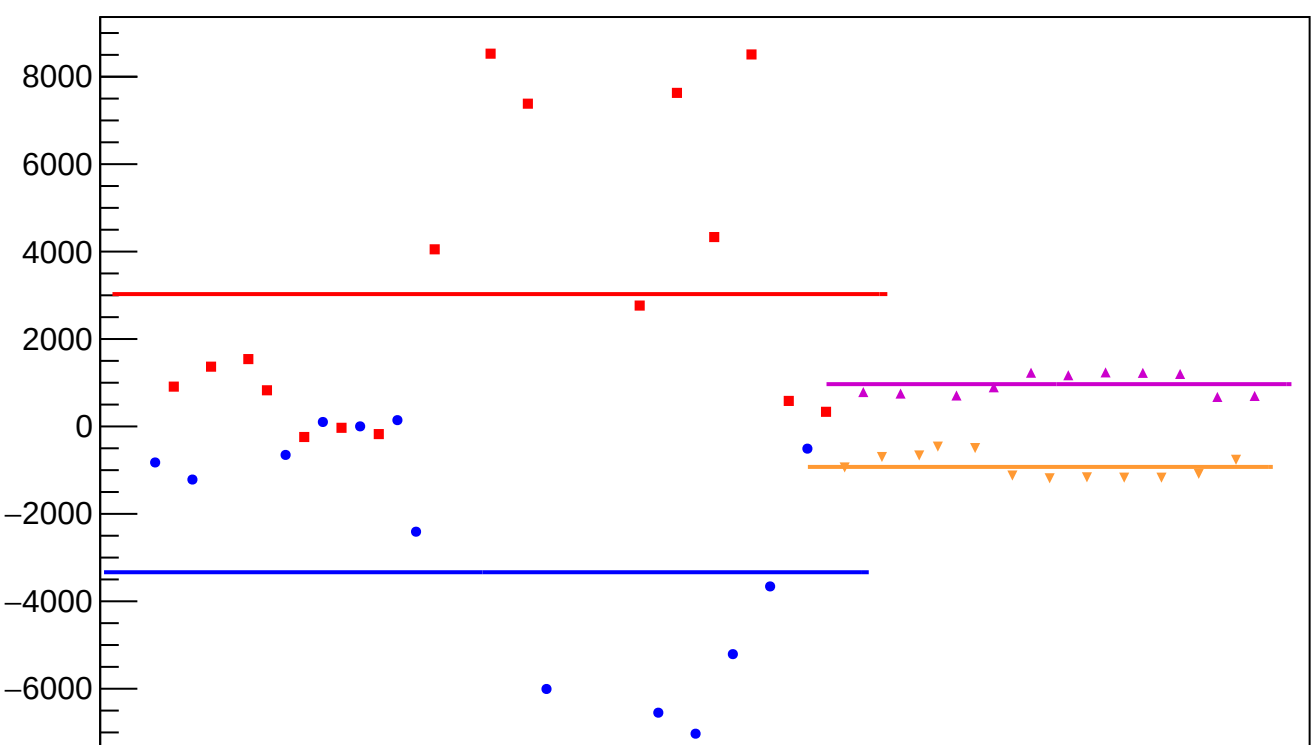
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

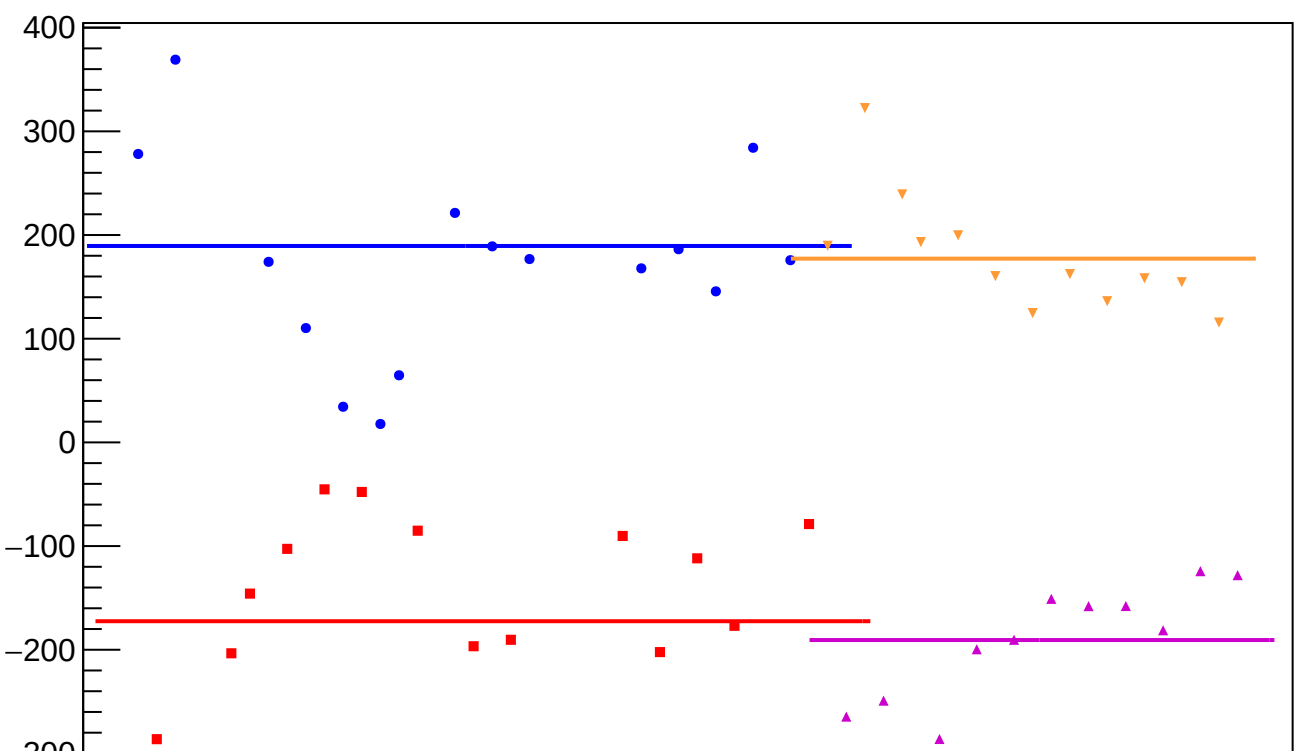
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam8_coil7_mean vs Slug, Sign Corrected



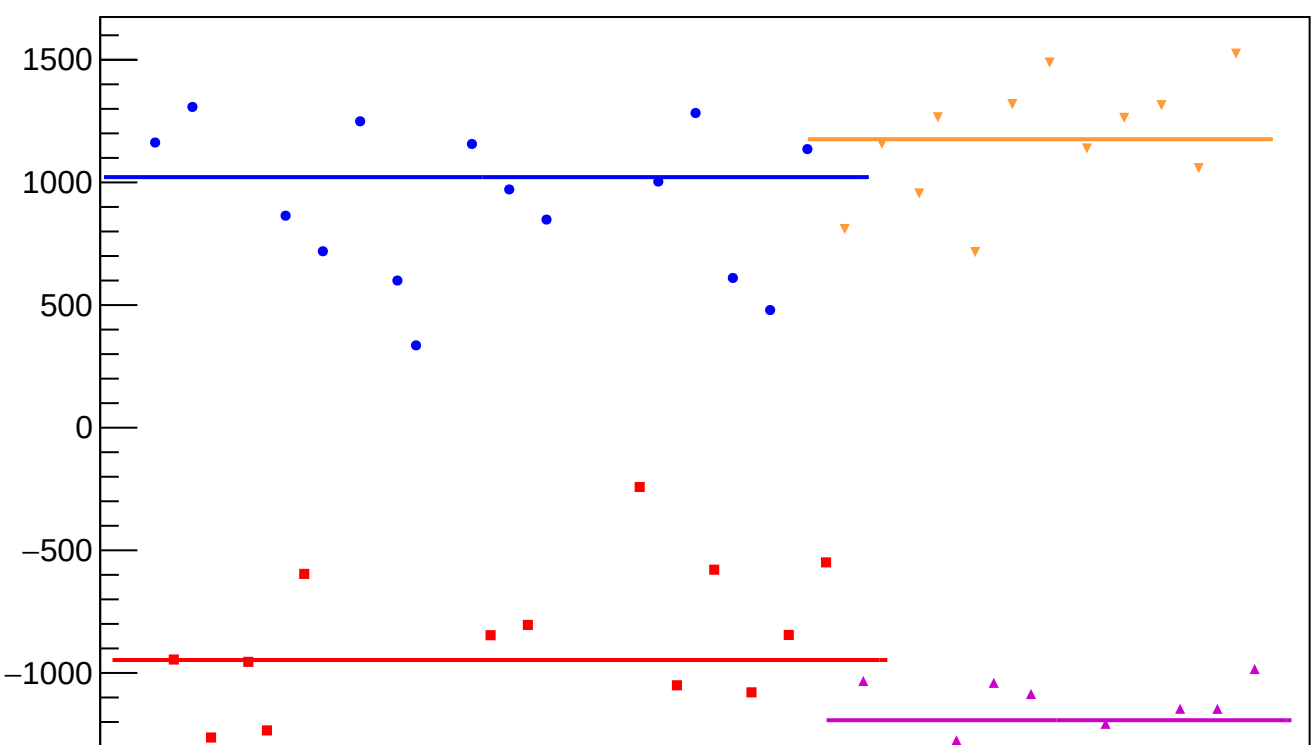
Left: 24.472+/-0.000 χ^2/NDF: 1765470598893566
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -925.824+/-0.000 χ^2/NDF:640677990717716544415447758247590625 28.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 738.908+/-0.000 χ^2/NDF:1318536484982862
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.716+/-0.000 χ^2/NDF: 285211212597

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.405+/-0.000 χ^2/NDF: 67583780148214345
Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14
Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045 7
Left Out: 177.229+/-0.000 χ^2/NDF:2763689981014700365307320120704499712.0/11
In: -33.824+/-0.000 χ^2/NDF:62316992098402396
Right Out: -172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15
Out: 29.970+/-0.000 χ^2/NDF:5558277857353714 5
Left In: -190.641+/-0.000 χ^2/NDF:2536070386684067132001548898091925504.0/10
All: -1.816+/-0.000 χ^2/NDF: 1211116539519

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

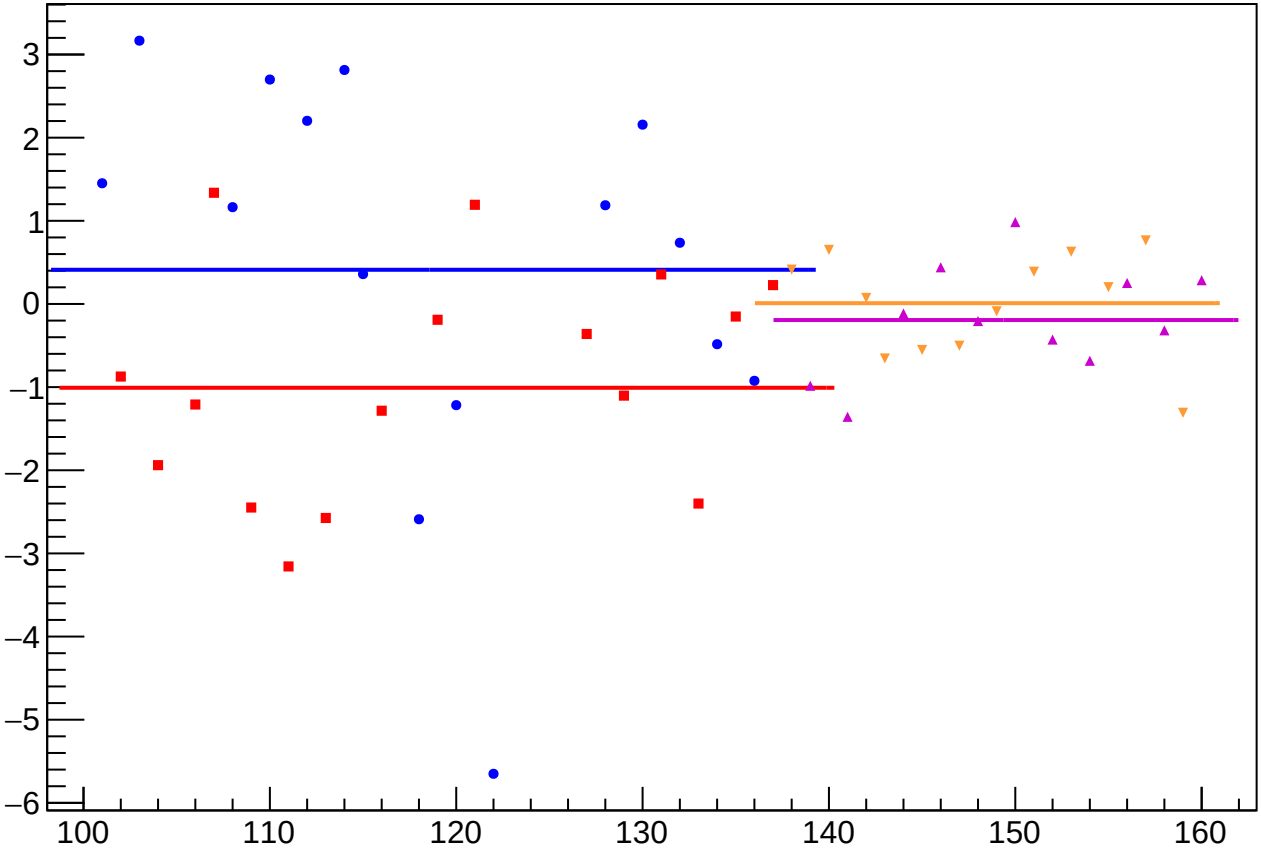
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75870244174076408

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:353620786406369007663734375579648.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774

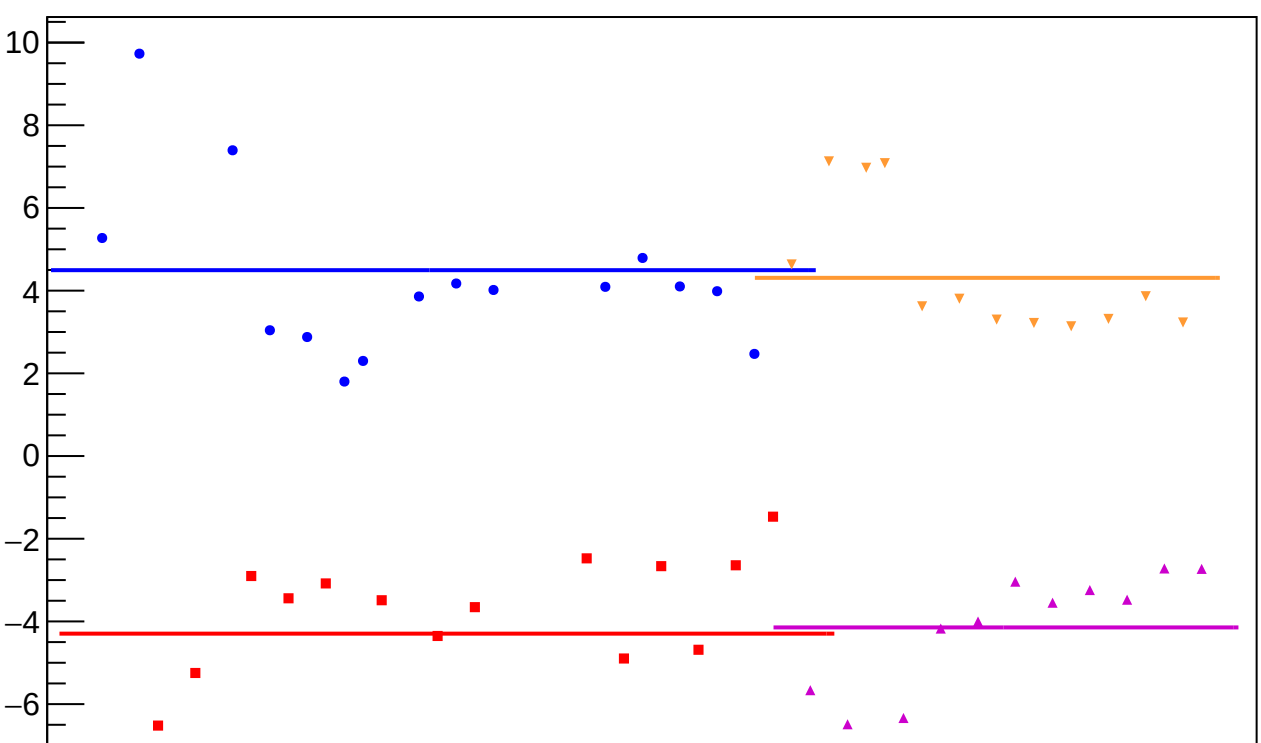
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.419+/-0.000 χ^2/NDF:18817018437793290

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5970744078372

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 36587364720072745

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.310+/-0.000 χ^2/NDF:204059229831869080240582357208268 8.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

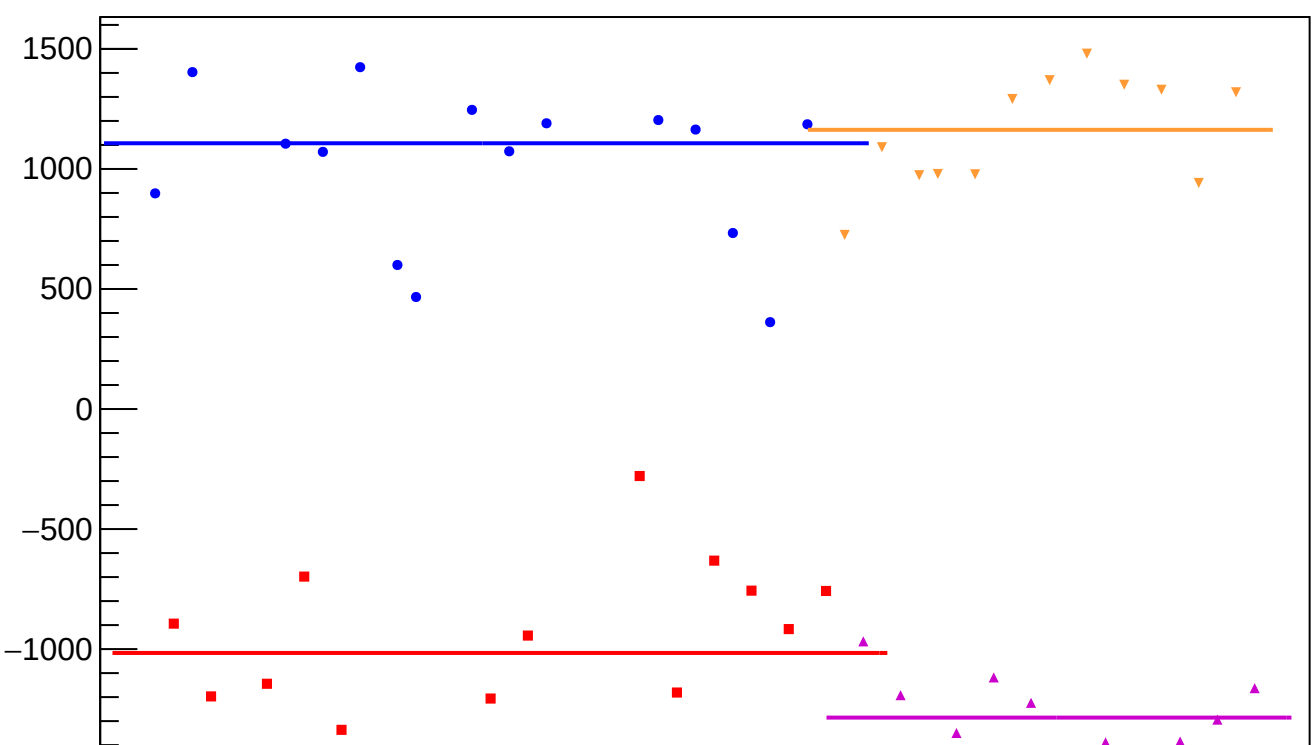
Right Out: -4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

Out: 0.686+/-0.000 χ^2/NDF:3264573876051804 20

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6676143499946 1

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

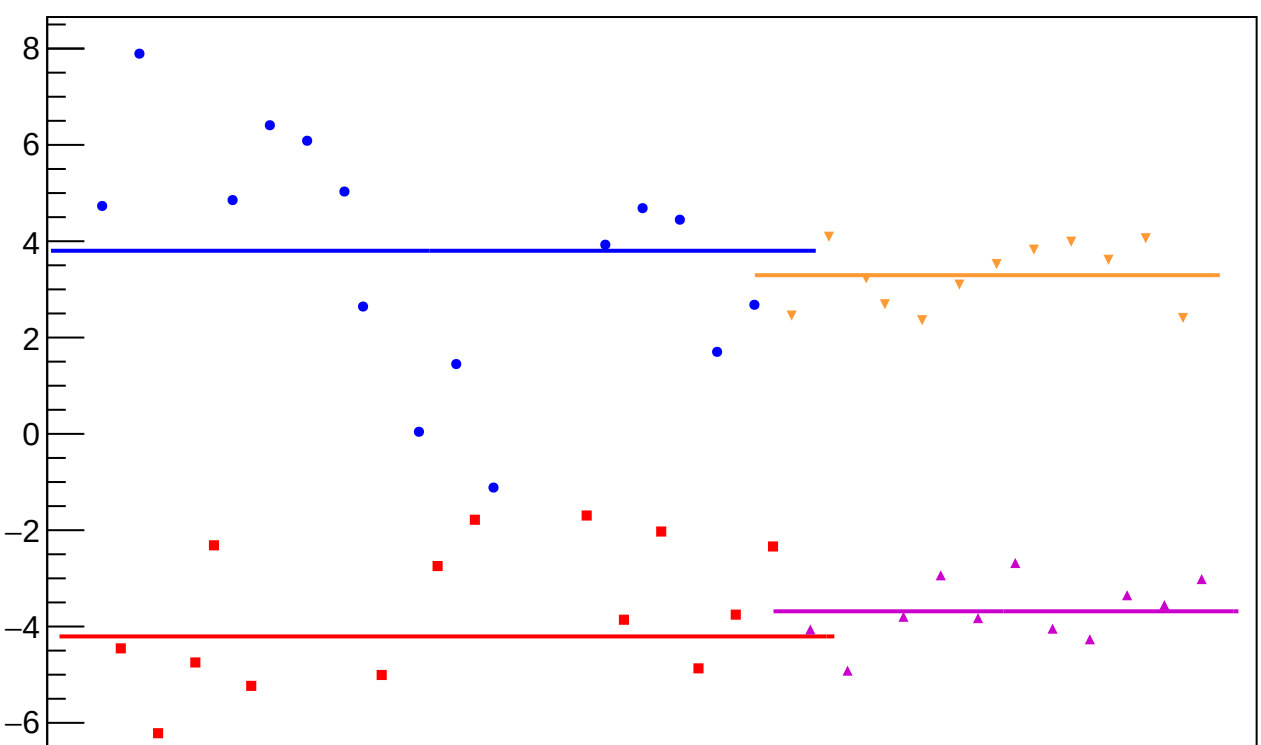
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23172799194598005

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.295+/-0.000 χ^2/NDF:39084723958967351758325038658355 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

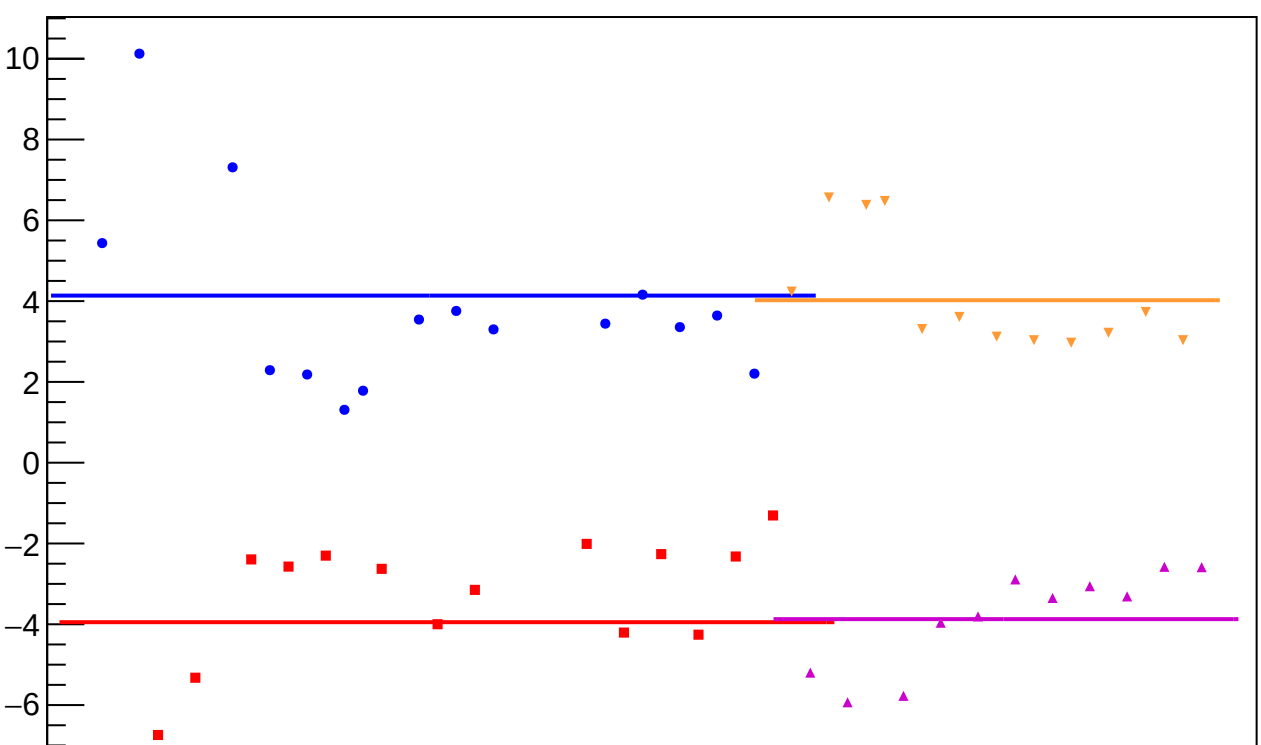
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.136+/-0.000 χ^2/NDF:24209587902616678 8

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

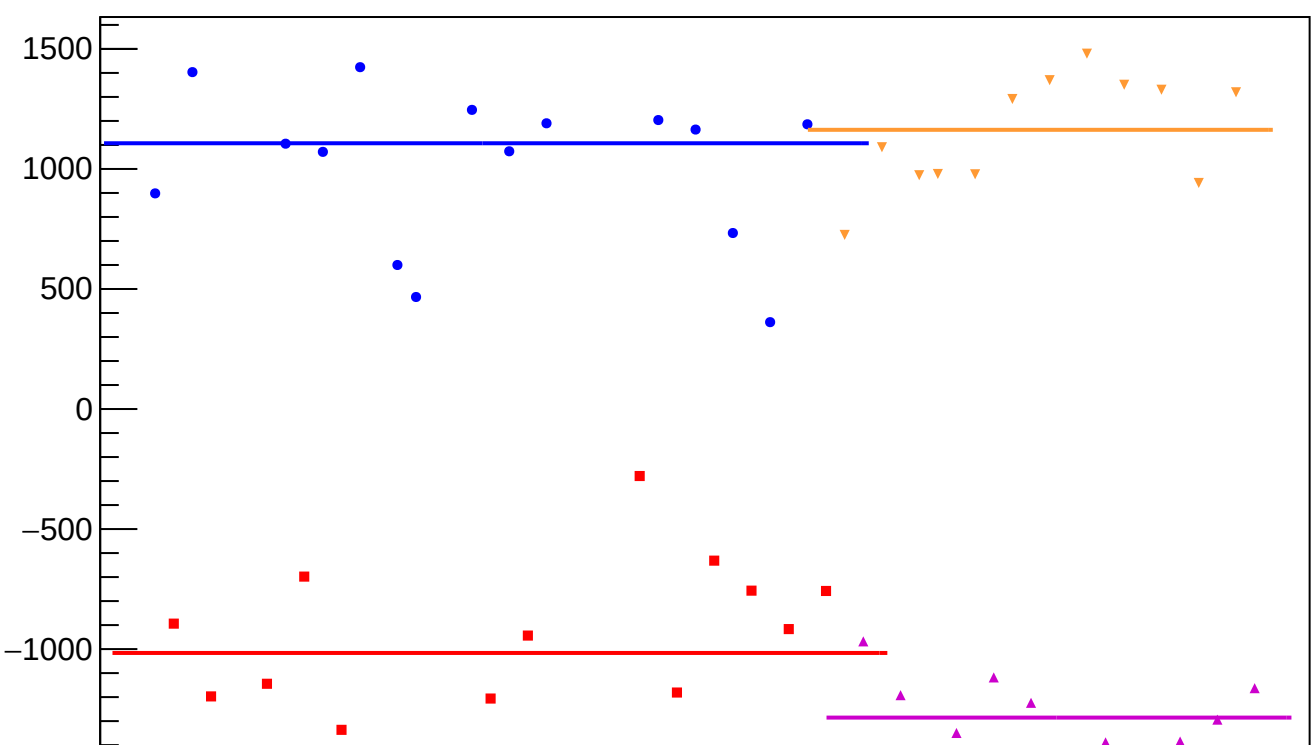
All: -0.228+/-0.000 χ^2/NDF: 5015899532000

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 31587596423026047
Right In: 4.136+/-0.000 χ^2/NDF: 35076006243886639198985054962319 36.0/14
Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251
Left Out: 4.022+/-0.000 χ^2/NDF:162391805540544167867235895869440 0.0/11
In: -0.568+/-0.000 χ^2/NDF:292407298934601756
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005 1456.0/15
Out: 0.666+/-0.000 χ^2/NDF:288238497921115289
Left In: -3.873+/-0.000 χ^2/NDF:127859829139112769432383533141 1968.0/10
All: 0.051+/-0.000 χ^2/NDF: 5926642130985

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

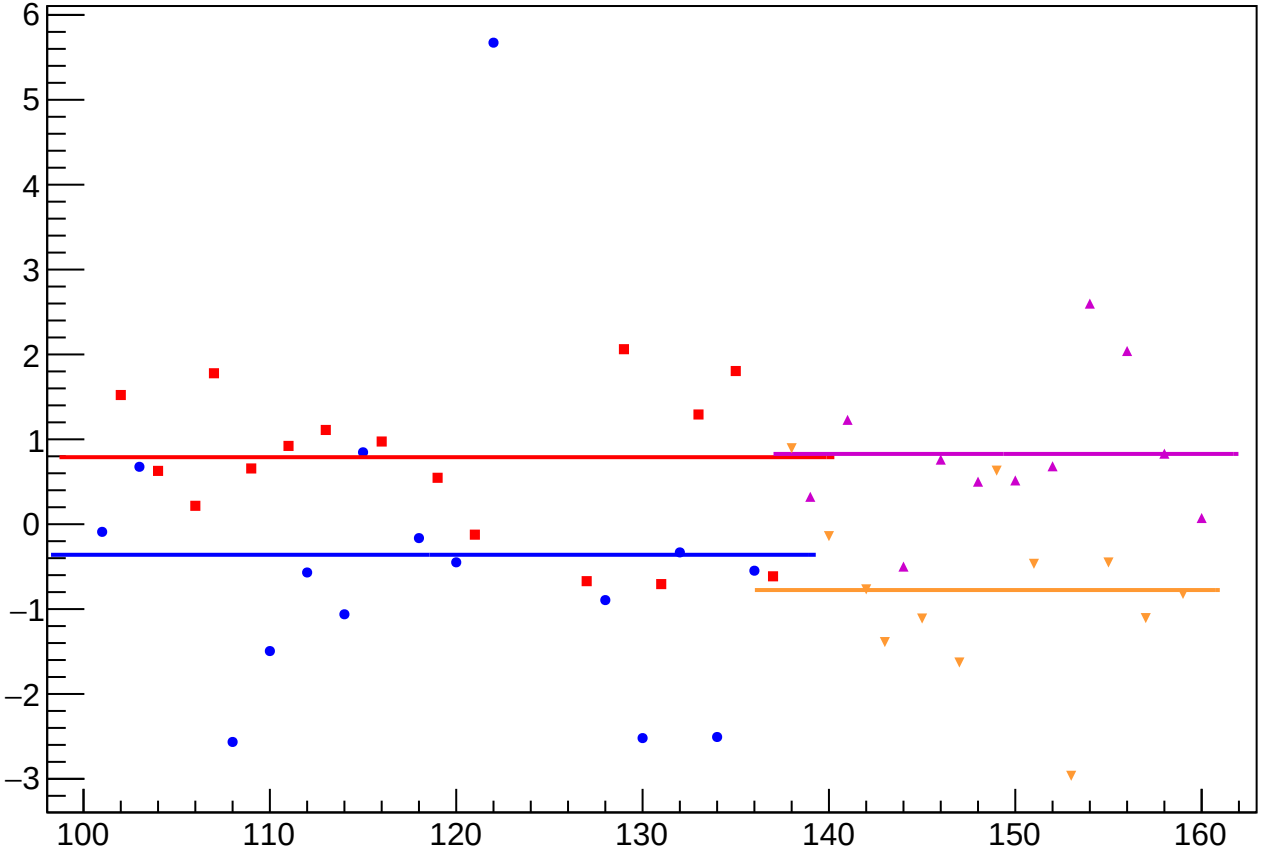
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 27736241746993481

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.776+/-0.000 χ^2/NDF:93975708221519102061402104895897 6.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

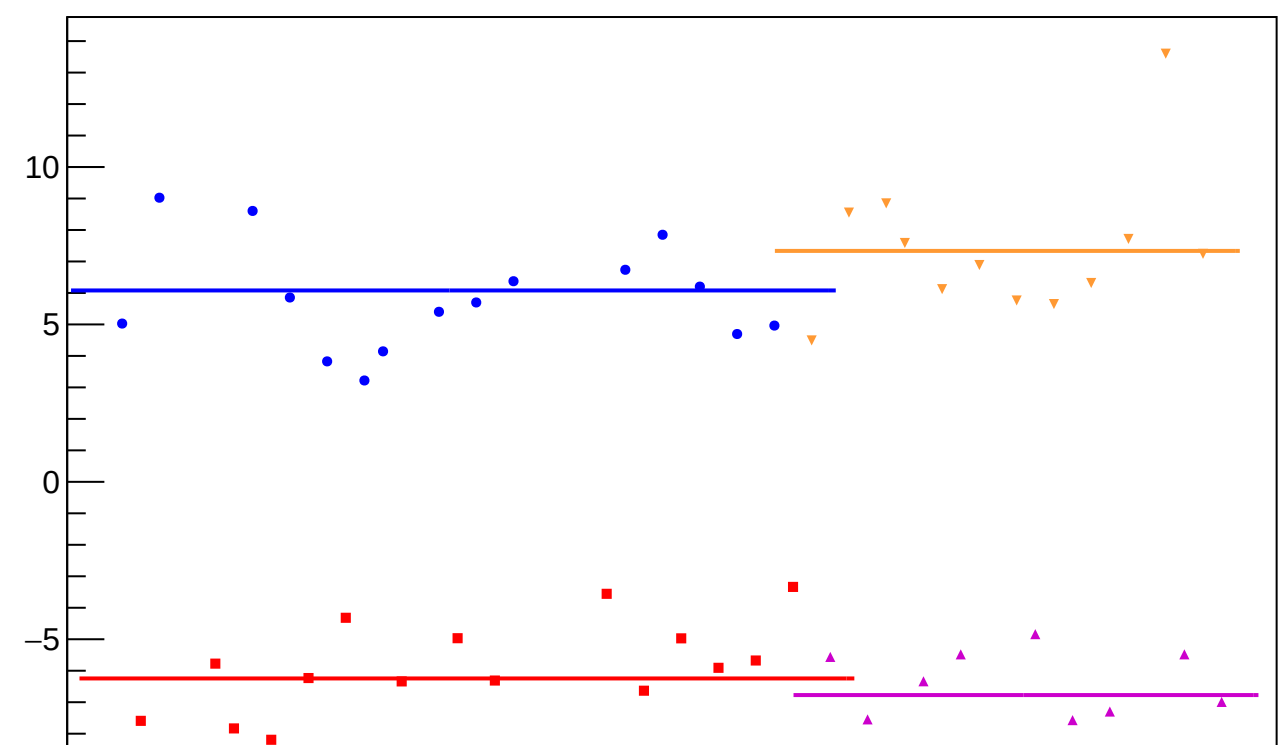
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2348842745160483 7

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

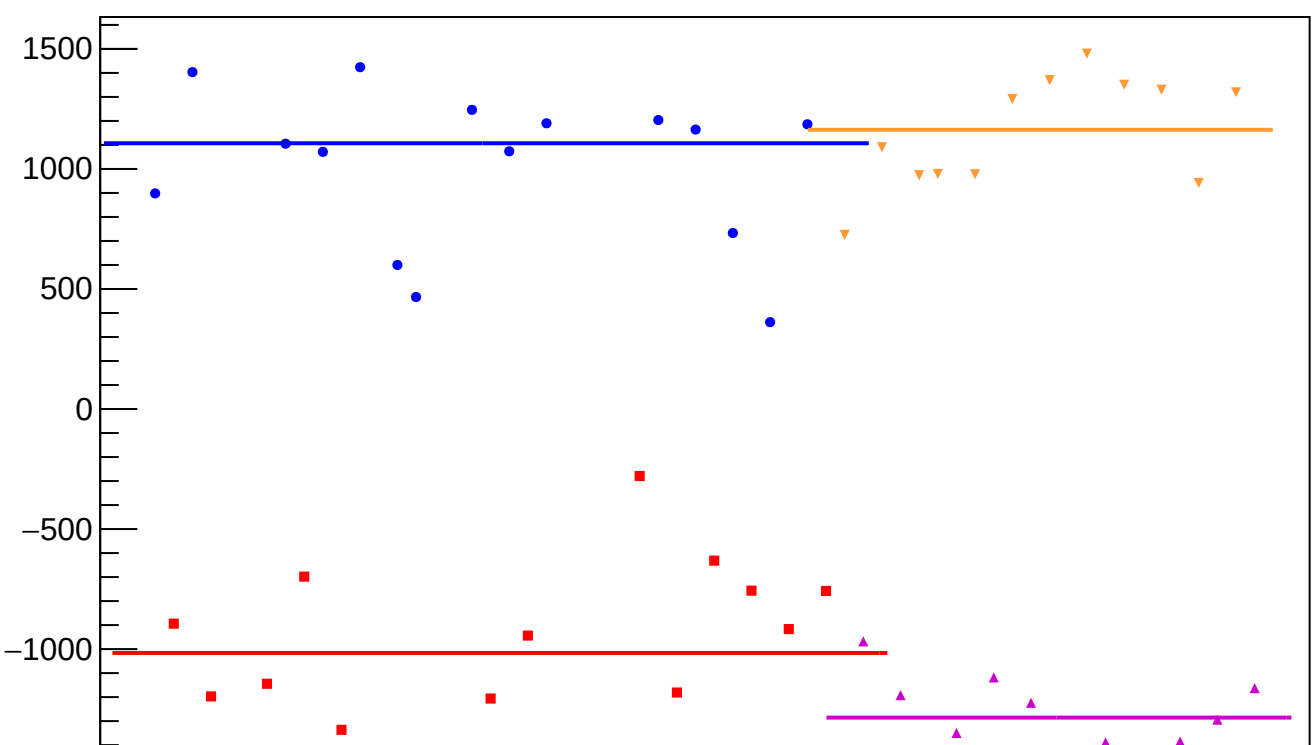
All: 0.110+/-0.000 χ^2/NDF: 5880508414853 6

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Left: 0.254+/-0.000 χ^2/NDF: 97783144945656841
Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866
Left Out: 7.336+/-0.000 χ^2/NDF:46256288332011399912673539910533 12.0/11
In: -1.470+/-0.000 χ^2/NDF:66109807257630798 6
Right Out: -6.245+/-0.000 χ^2/NDF: 18165291631050069385109769855959 04.0/15
Out: 1.617+/-0.000 χ^2/NDF:77661203204003064 3
Left In: -6.773+/-0.000 χ^2/NDF:15458806530628726350602058323722 24.0/10
All: 0.079+/-0.000 χ^2/NDF: 1512923844778 4

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

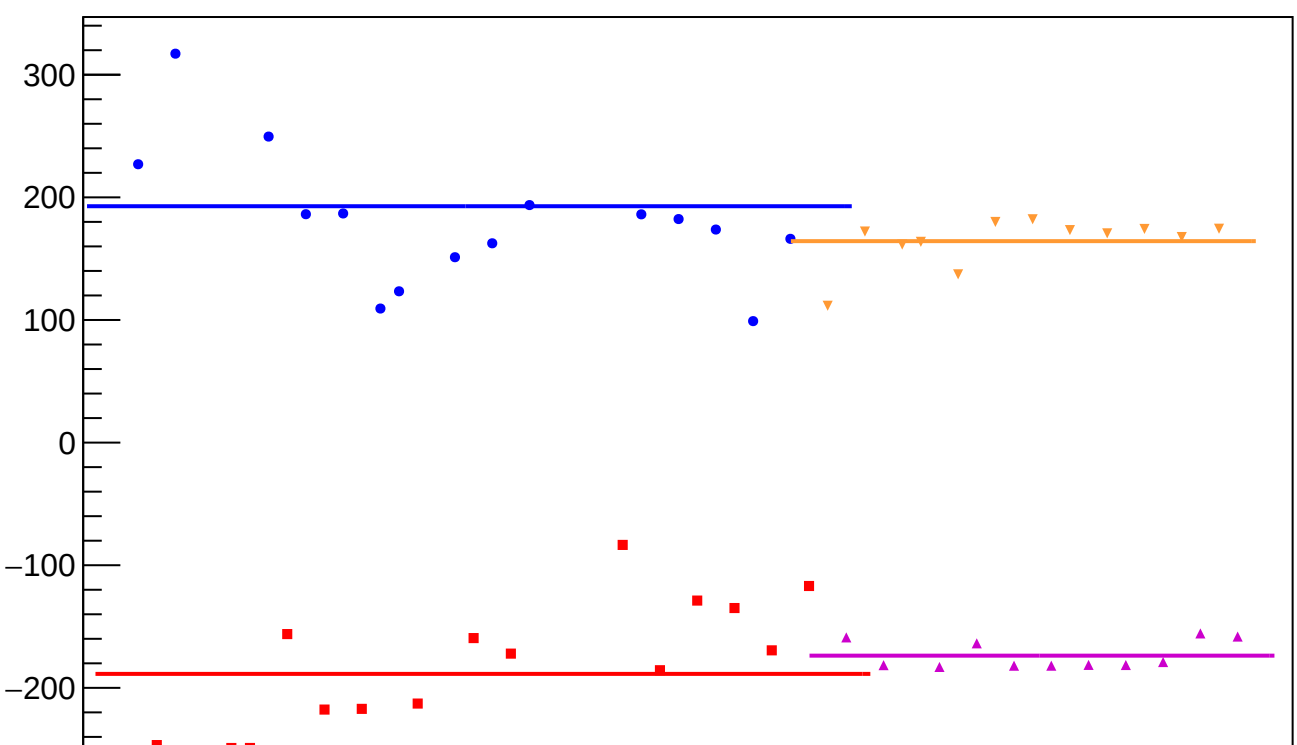
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

Left Out: 164.293+/-0.000 χ^2/NDF:3538301209639400606057942125505413 12.0/11

Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961 0624.0/15

Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10

Left: -5.365+/-0.000 χ^2/NDF: 53051282128887740

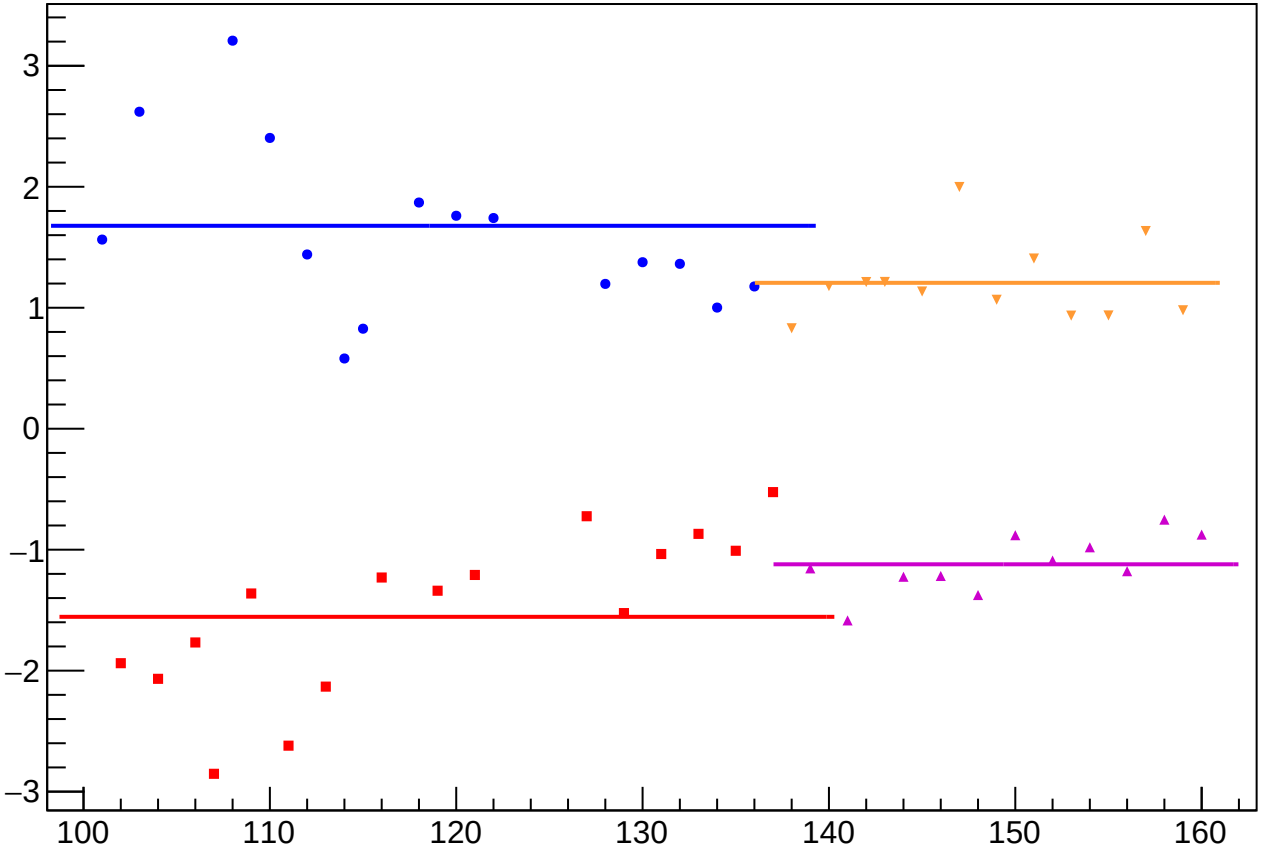
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893

In: -22.521+/-0.000 χ^2/NDF:5295856655825622 6

Out: 15.690+/-0.000 χ^2/NDF:5036625311190690 7

All: -3.349+/-0.000 χ^2/NDF: 1044771835030

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 26360423789718970

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.206+/-0.000 χ^2/NDF:958696241285596662676270664908 80.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

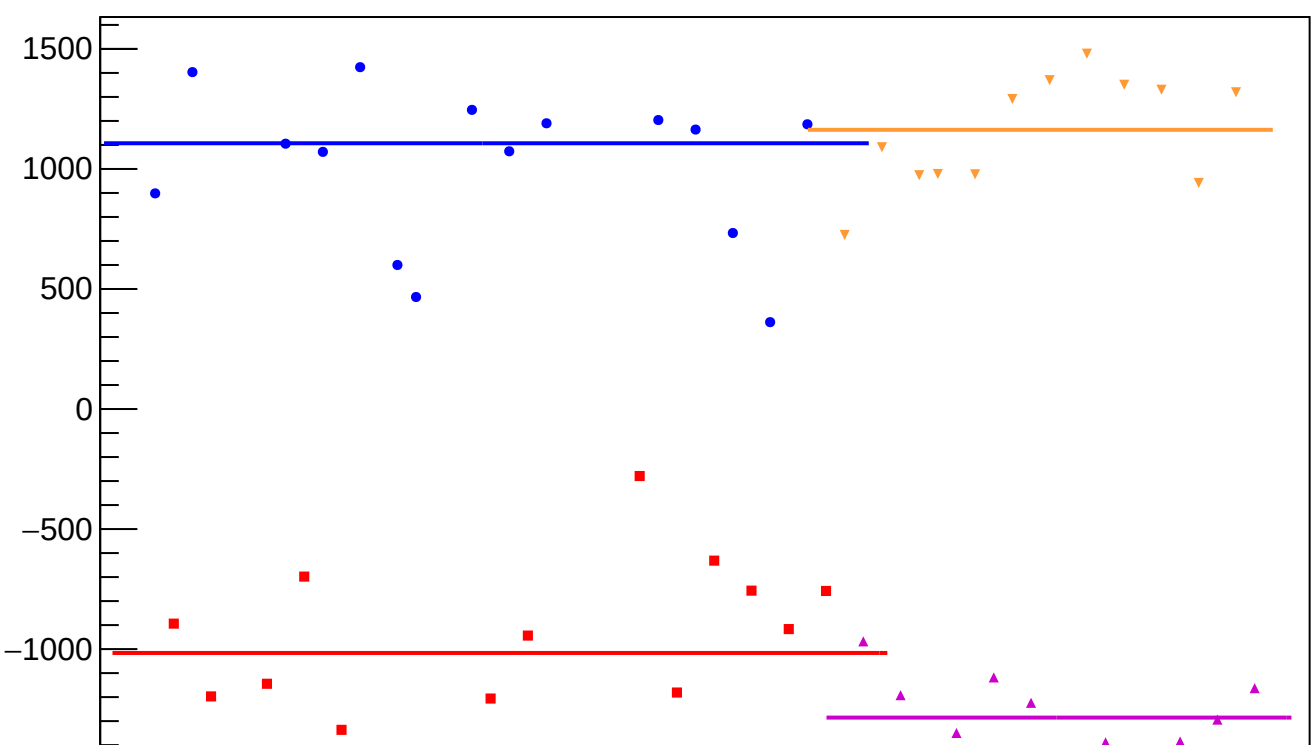
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3295068648246808 65

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6570510715467 5

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

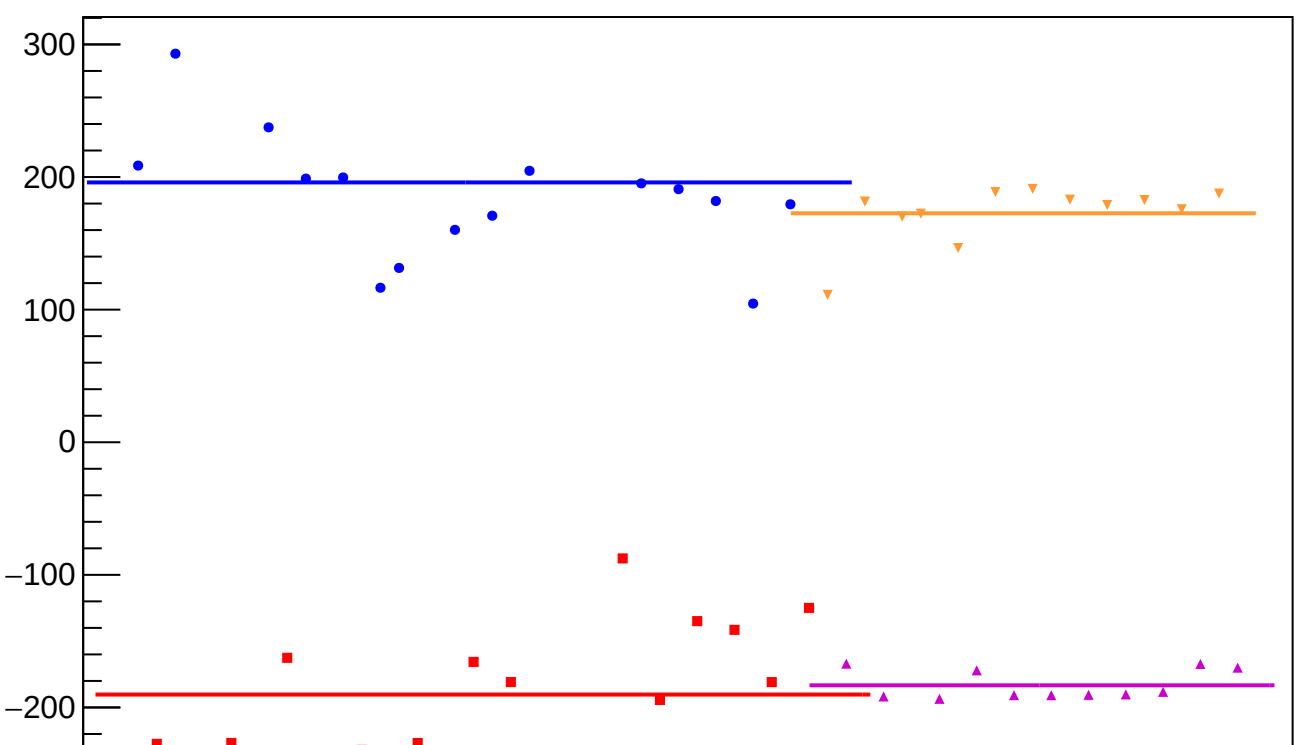
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.983+/-0.000 χ^2/NDF: 58864914274163401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 172.678+/-0.000 χ^2/NDF:4441291543187844917047905283473408 00.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

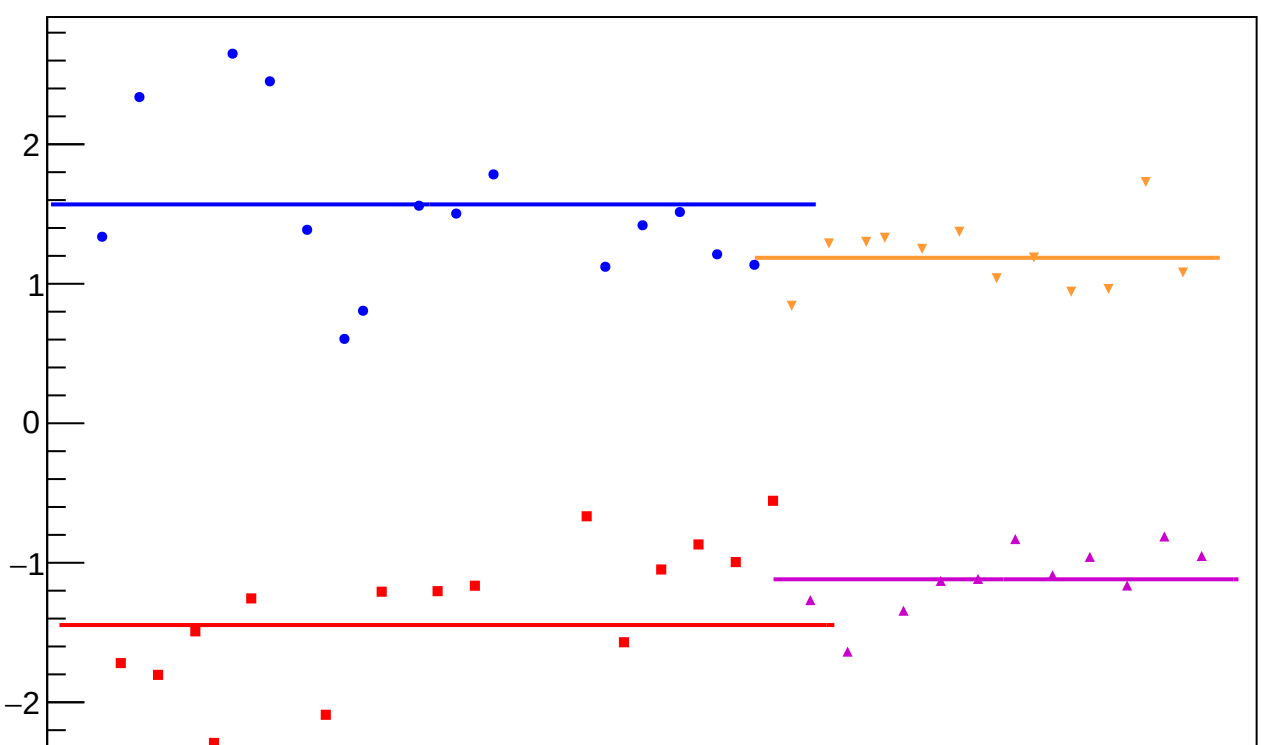
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.847+/-0.000 χ^2/NDF:52778083366810499

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.408+/-0.000 χ^2/NDF: 1104839326993

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25438621581137751

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.186+/-0.000 χ^2/NDF:501106490067331282697014424371 20.0/11

In: -0.010+/-0.000 χ^2/NDF:2965262634654358 62

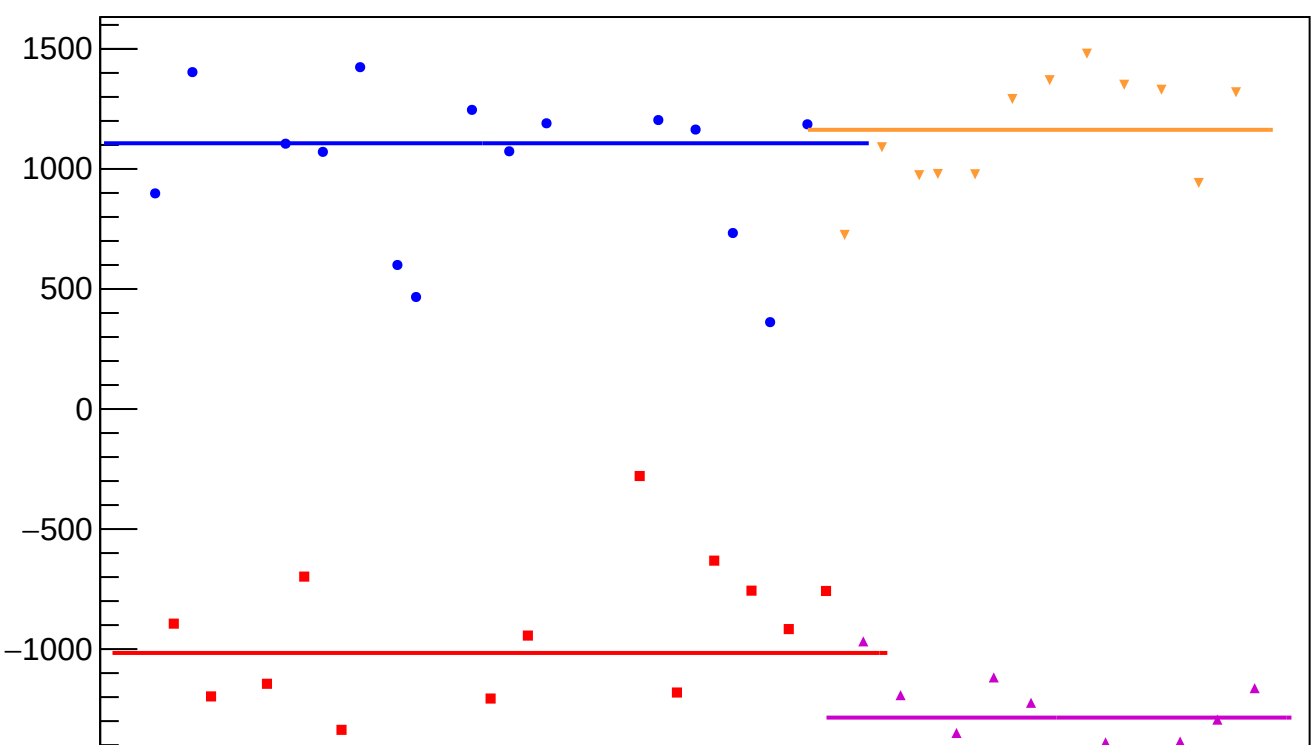
Right Out: -1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15

Out: 0.078+/-0.000 χ^2/NDF:2922599267787834 77

Left In: -1.118+/-0.000 χ^2/NDF:4897349699572348091180136582348 8.0/10

All: 0.034+/-0.000 χ^2/NDF: 5893888551093 2

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

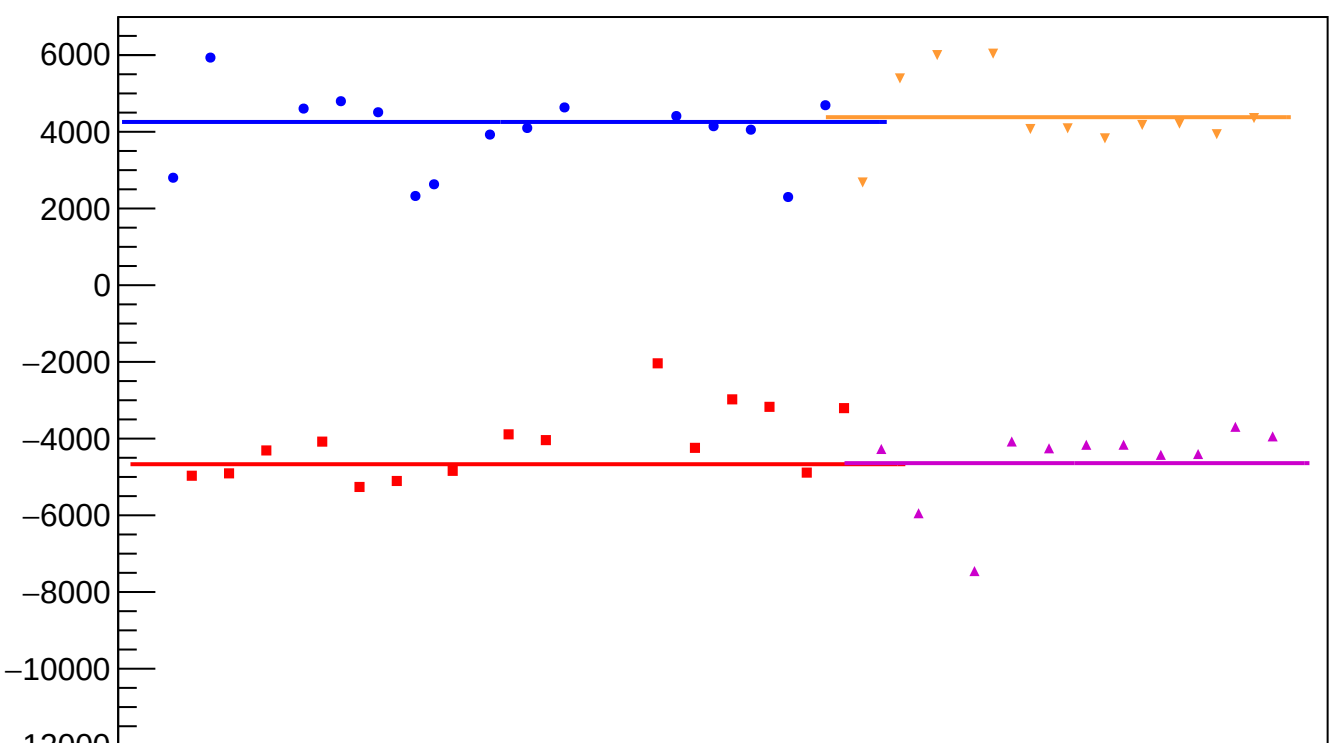
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -317.623+/-0.000 χ^2/NDF: 377967769613237

Right In: 4256.386+/-0.000 χ^2/NDF: 498605412551624859672454954159576186880.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4380.887+/-0.000 χ^2/NDF:711929350796242872356445332084336099328.0/10

In: -969.372+/-0.000 χ^2/NDF:3172877768349375

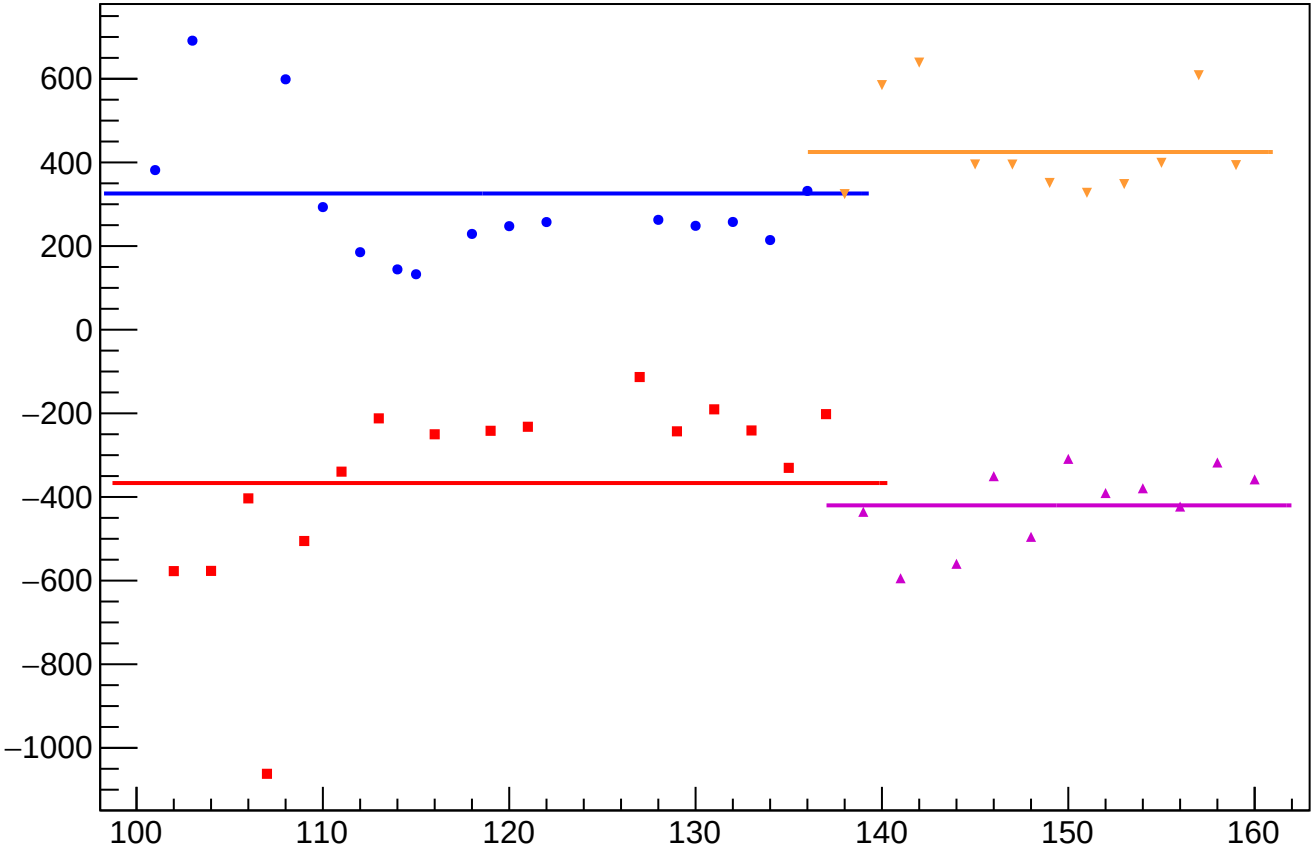
Right Out: -4667.832+/-0.000 χ^2/NDF: 32019255357828074503209517721593095127 04.0/15

Out: 402.314+/-0.000 χ^2/NDF:3451469288999319

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -295.959+/-0.000 χ^2/NDF: 67696469529

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 424.941+/-0.000 χ^2/NDF:962182867327264981338377327246888 1408.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 320972506999479564091174401153989 34528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:770651427670926926340441949180264 4480.0/10

Left: -15.185+/-0.000 χ^2/NDF: 3334495289432470

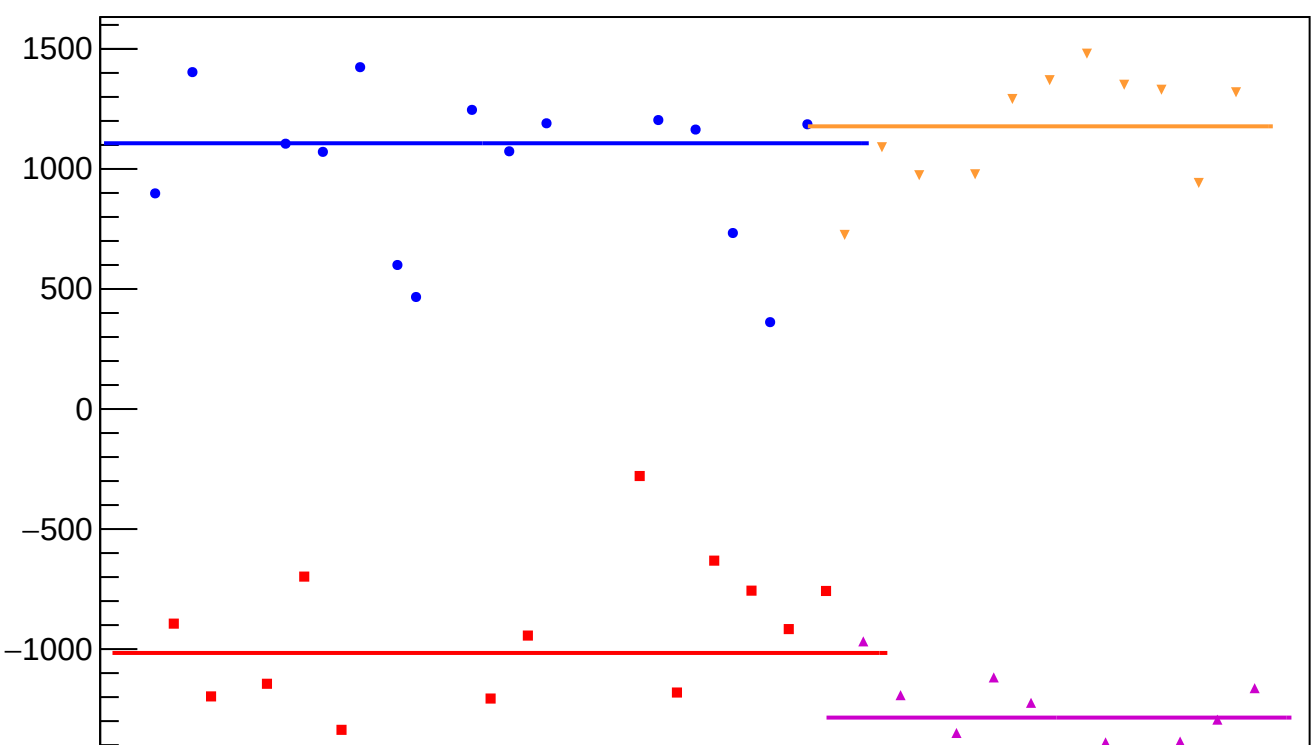
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 76.877+/-0.000 χ^2/NDF:2759239617968123 7

All: -19.455+/-0.000 χ^2/NDF: 537961516832

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.275+/-0.000 χ^2/NDF: 275286776281893

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1177.551+/-0.000 χ^2/NDF:432990323993542902641234833031781416 96.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

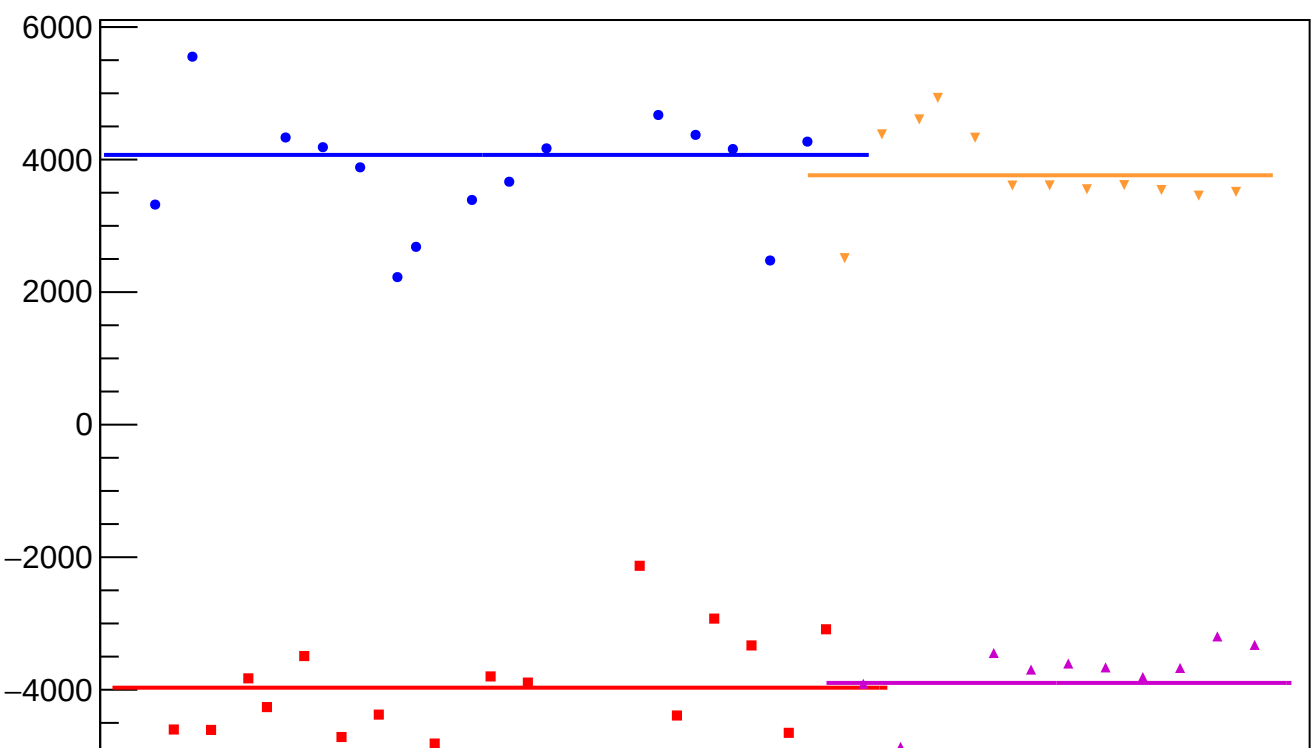
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 213.036+/-0.000 χ^2/NDF:191430952904366 2

Left In: -1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

All: -47.257+/-0.000 χ^2/NDF: 436288028349

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.383+/-0.000 χ^2/NDF: 2774553088418693

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721

Left Out: 3763.117+/-0.000 χ^2/NDF:3288304104942859974906352696227476275 20.0/11

In: -609.591+/-0.000 χ^2/NDF:2495492786013162

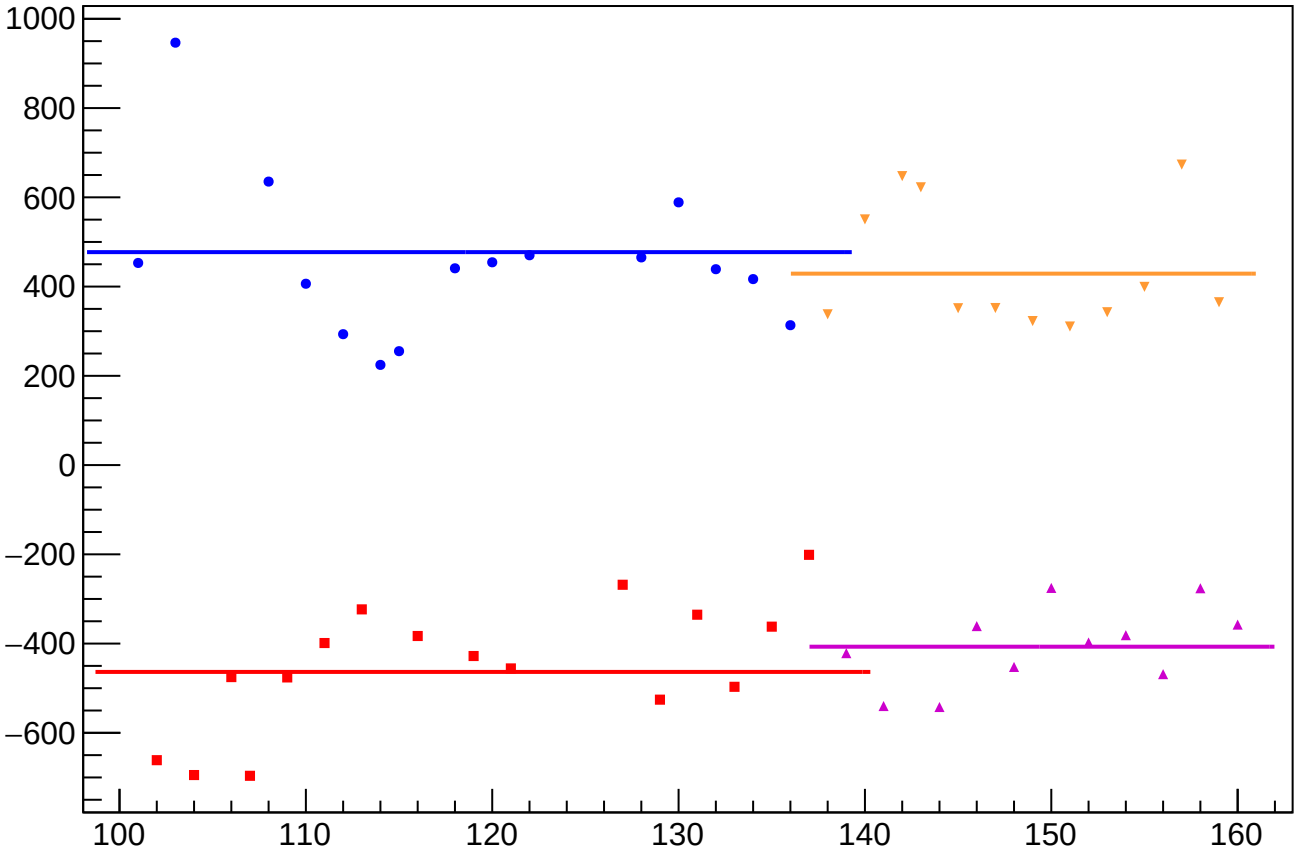
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

Out: 507.349+/-0.000 χ^2/NDF:2377250014239513

Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531788 8.0/10

All: -49.175+/-0.000 χ^2/NDF: 497120475909

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.404+/-0.000 χ^2/NDF: 34394484676097827

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964

Left Out: 428.977+/-0.000 χ^2/NDF:1529382778606567993198848445469268 3776.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342

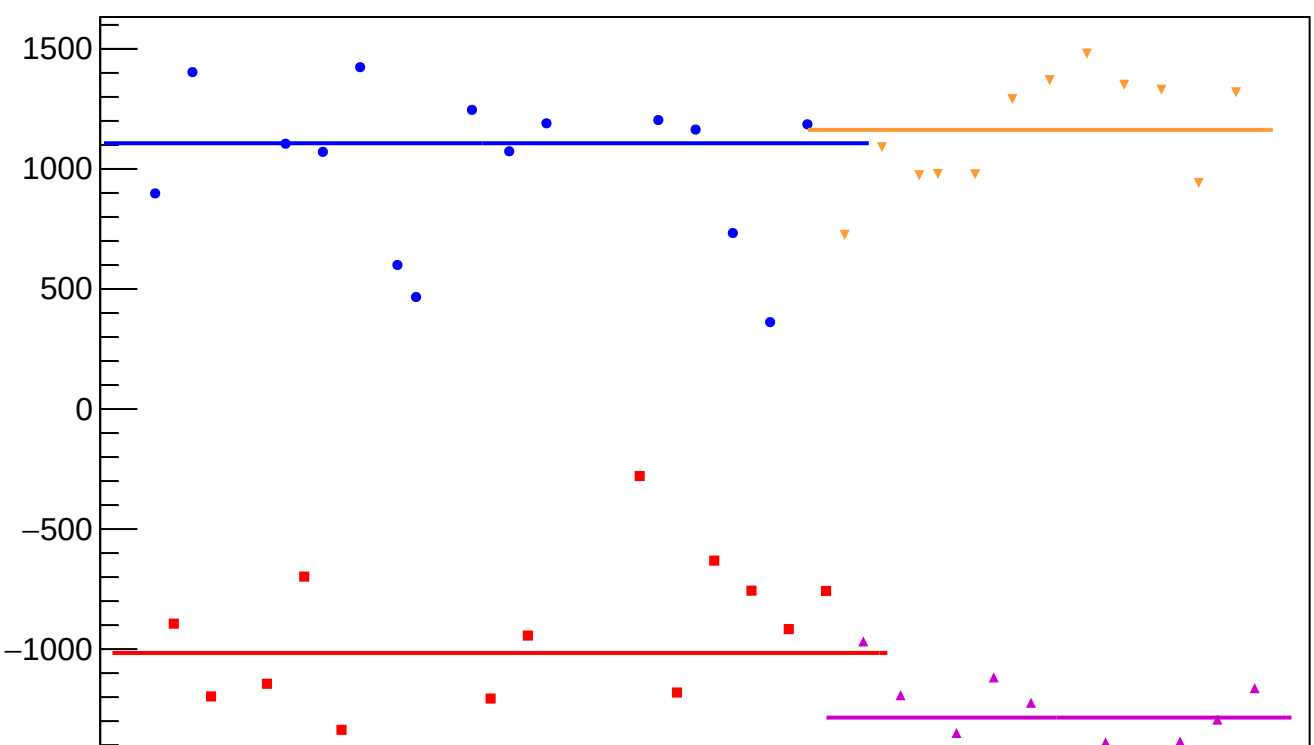
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457 1904.0/15

Out: 53.162+/-0.000 χ^2/NDF:335422311068669

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827 456.0/10

All: 5.652+/-0.000 χ^2/NDF: 6681019457854

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

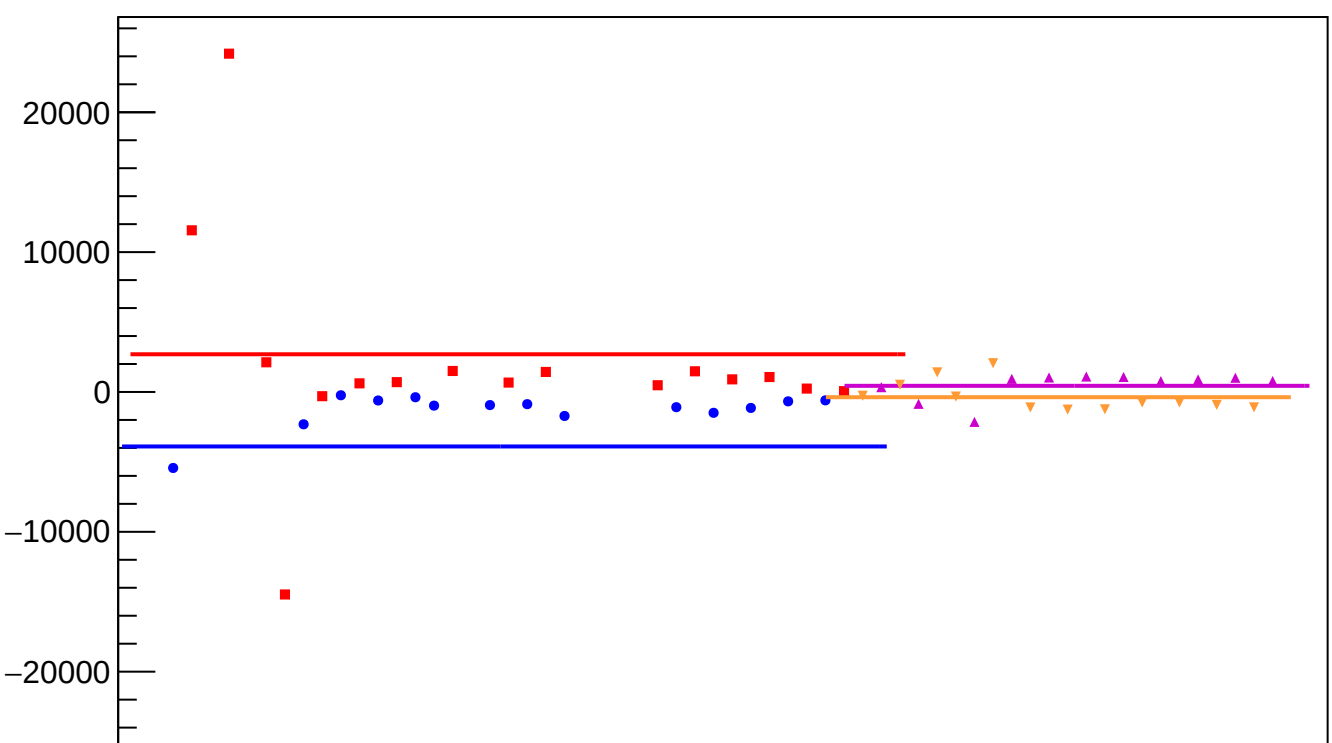
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

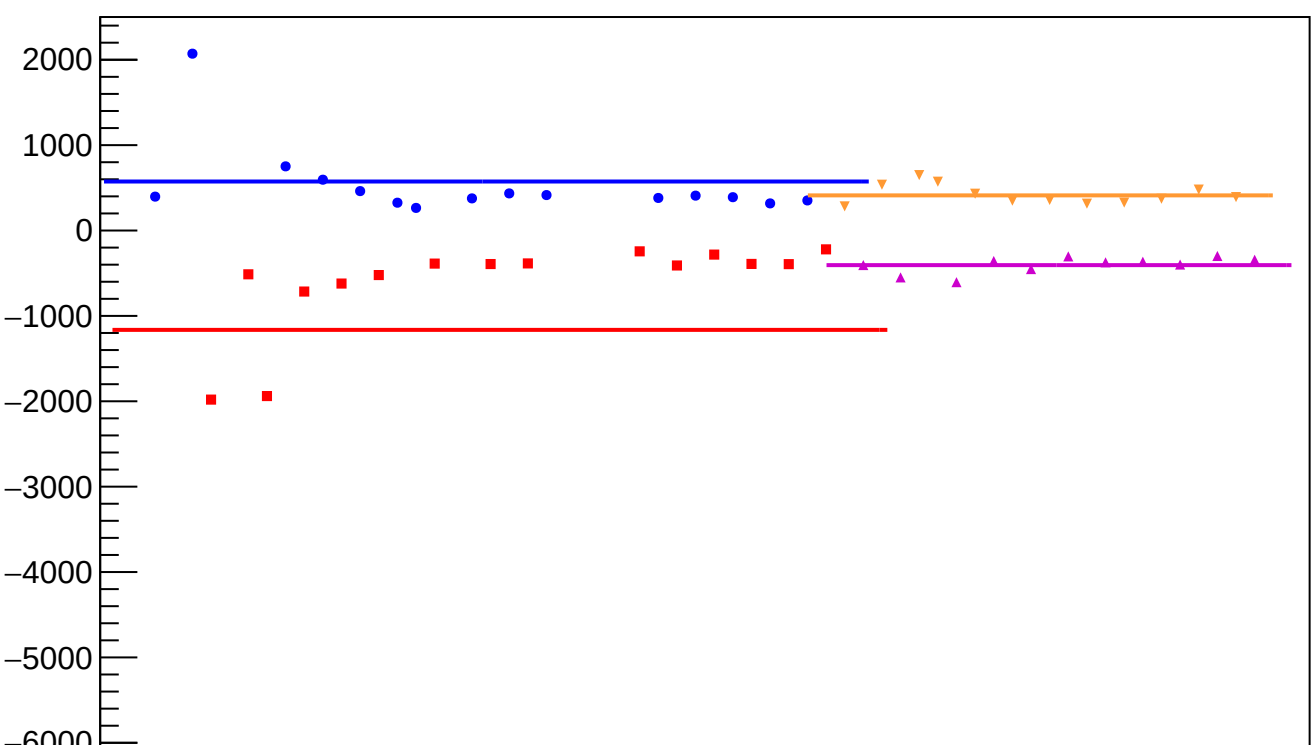
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atl1_coil4_mean vs Slug, Sign Corrected



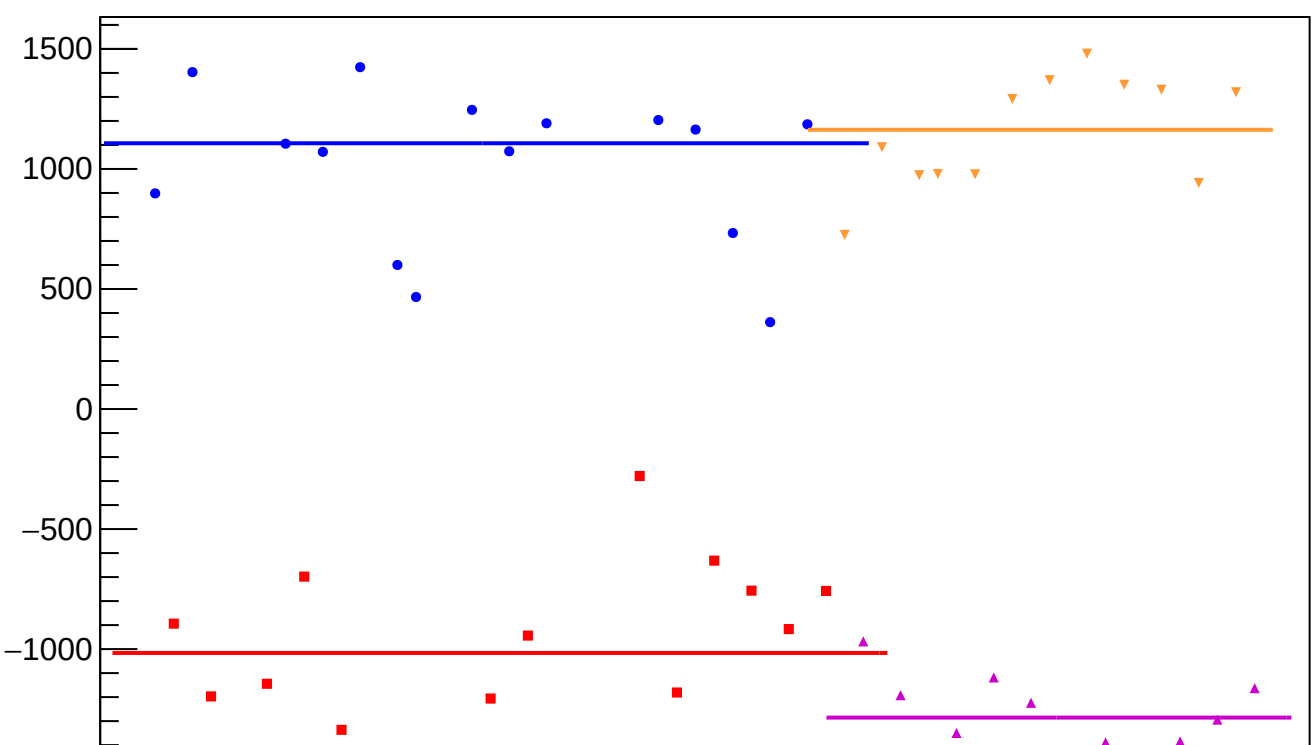
Left: 34.090+/-0.000 χ^2/NDF: 2171473726415562
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -374.202+/-0.000 χ^2/NDF:9458681751446739631330703811354967408 64.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 918.614+/-0.000 χ^2/NDF:4540808093027844
Left In: 439.289+/-0.000 χ^2/NDF:9210315667337238728294540785589304688 64.0/10
All: -211.548+/-0.000 χ^2/NDF: 9717508837 3

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.594+/-0.000 χ^2/NDF: 32464199210012469
Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 411.666+/-0.000 χ^2/NDF:931075356204691907006762156089461964 8.0/11
In: -1.272+/-0.000 χ^2/NDF:5259070601375746 20
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -251.697+/-0.000 χ^2/NDF:297080395664297
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -126.921+/-0.000 χ^2/NDF: 3546206487 1

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

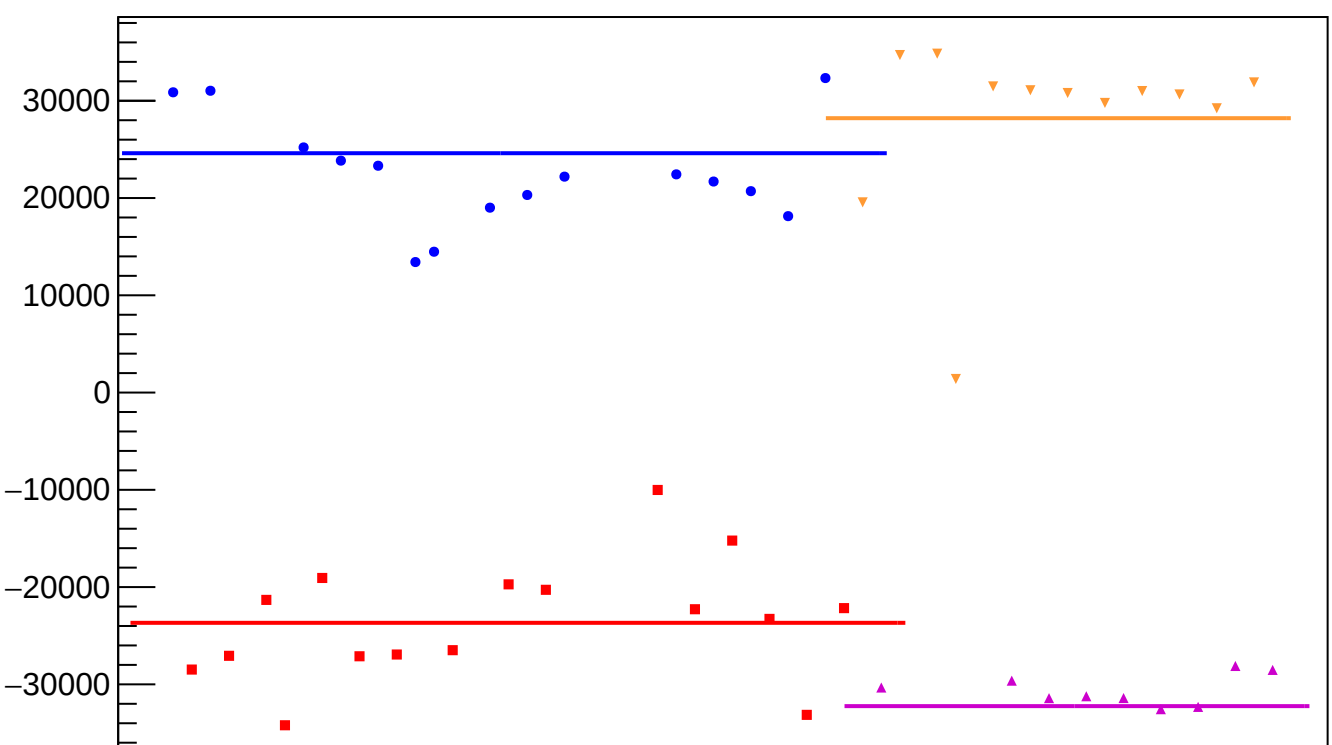
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

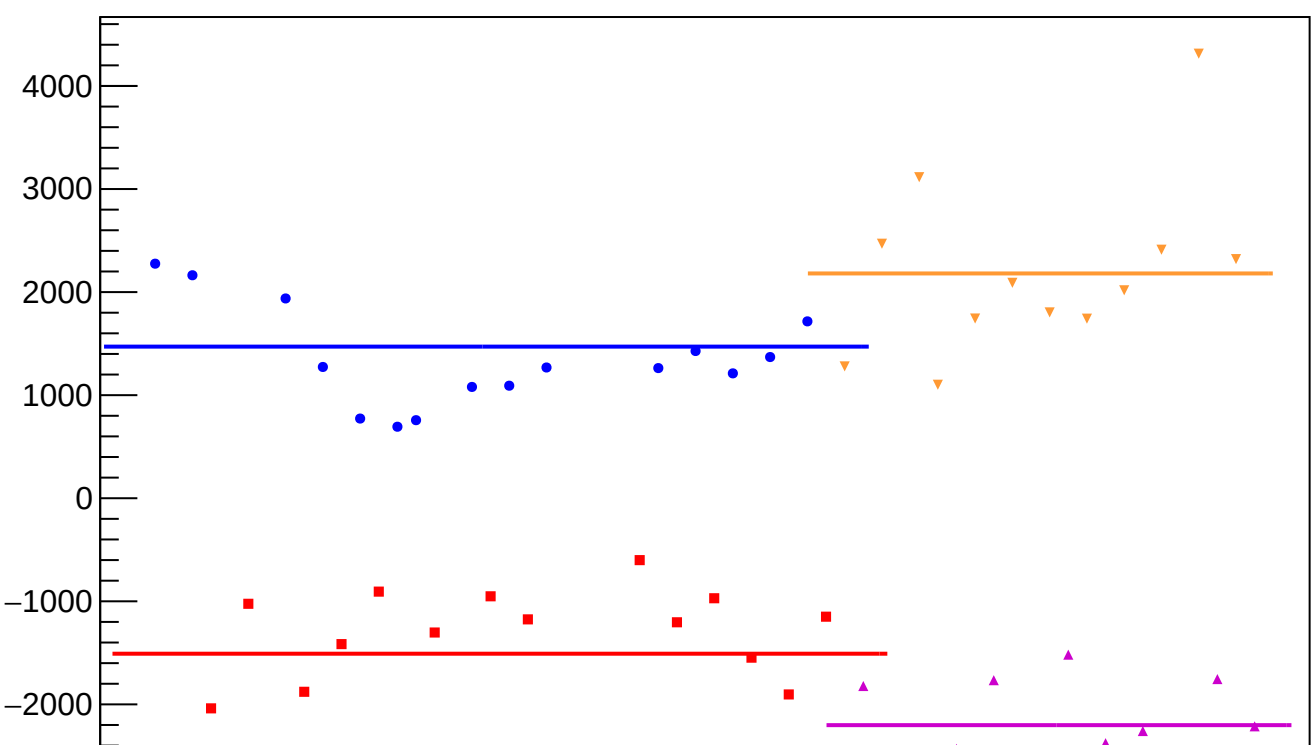
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2129.690+/-0.000 χ^2/NDF: 17577546606555
Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14
Right: 137.211+/-0.000 χ^2/NDF: 809207355903527
Left Out: 28209.767+/-0.000 χ^2/NDF:640525882088157865012711361542179572940 80.0/11
In: -8784.508+/-0.000 χ^2/NDF:126151138901902
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
Out: 6362.273+/-0.000 χ^2/NDF:112832283543157
Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10
All: -1184.729+/-0.000 χ^2/NDF: 2570905684

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Left: -18.631+/-0.000 χ^2/NDF: 9595380755067220

Right In: 1471.095+/-0.000 χ^2/NDF: 13917497942046784107389416795645201612 8.0/14

Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

Left Out: 2180.972+/-0.000 χ^2/NDF:5987032261219997887471511740263474135 04.0/11

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

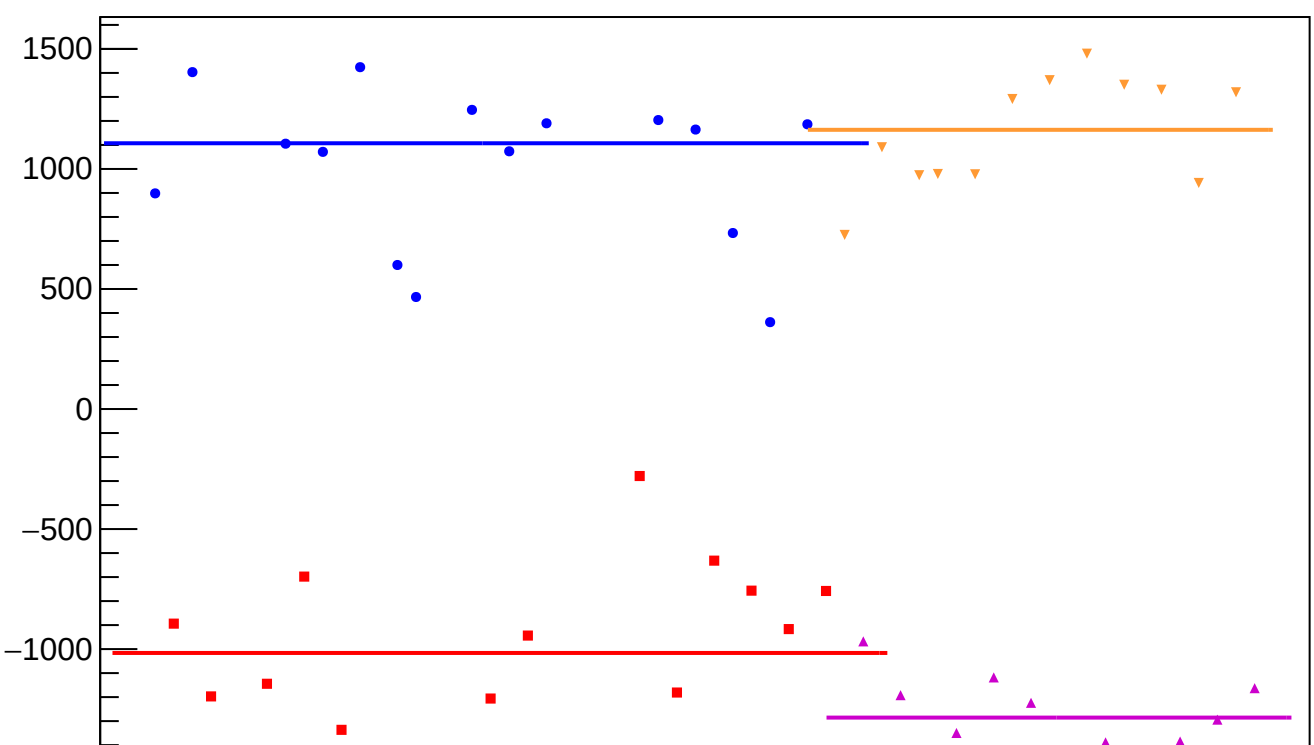
Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Out: 627.408+/-0.000 χ^2/NDF:6104805948721339

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

All: -27.145+/-0.000 χ^2/NDF: 129051743087

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

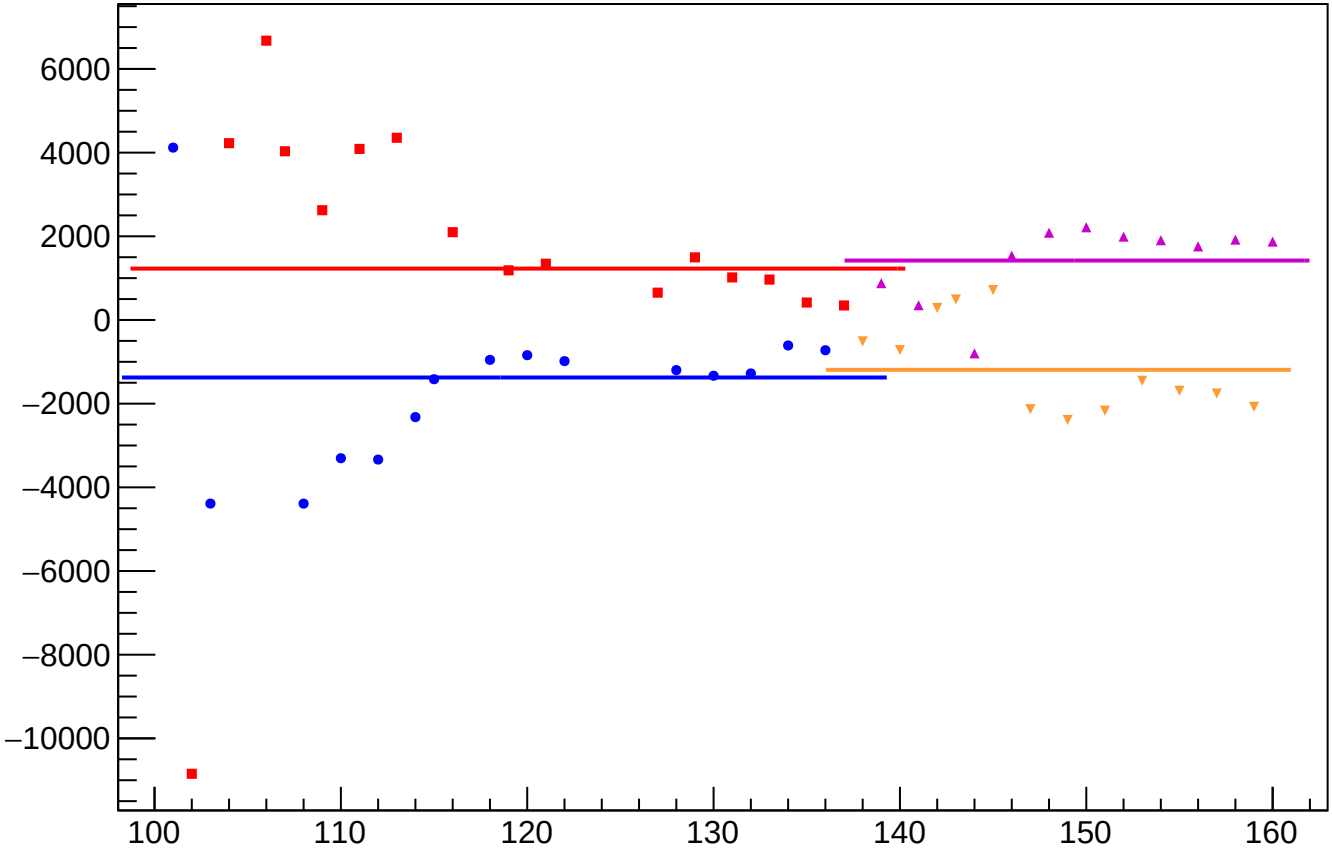
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 119.834+/-0.000 χ^2/NDF: 4903379943357671

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1191.069+/-0.000 χ^2/NDF:1015662132878322627077441101495867015168.0/11

In: 267.494+/-0.000 χ^2/NDF:6799621290562421

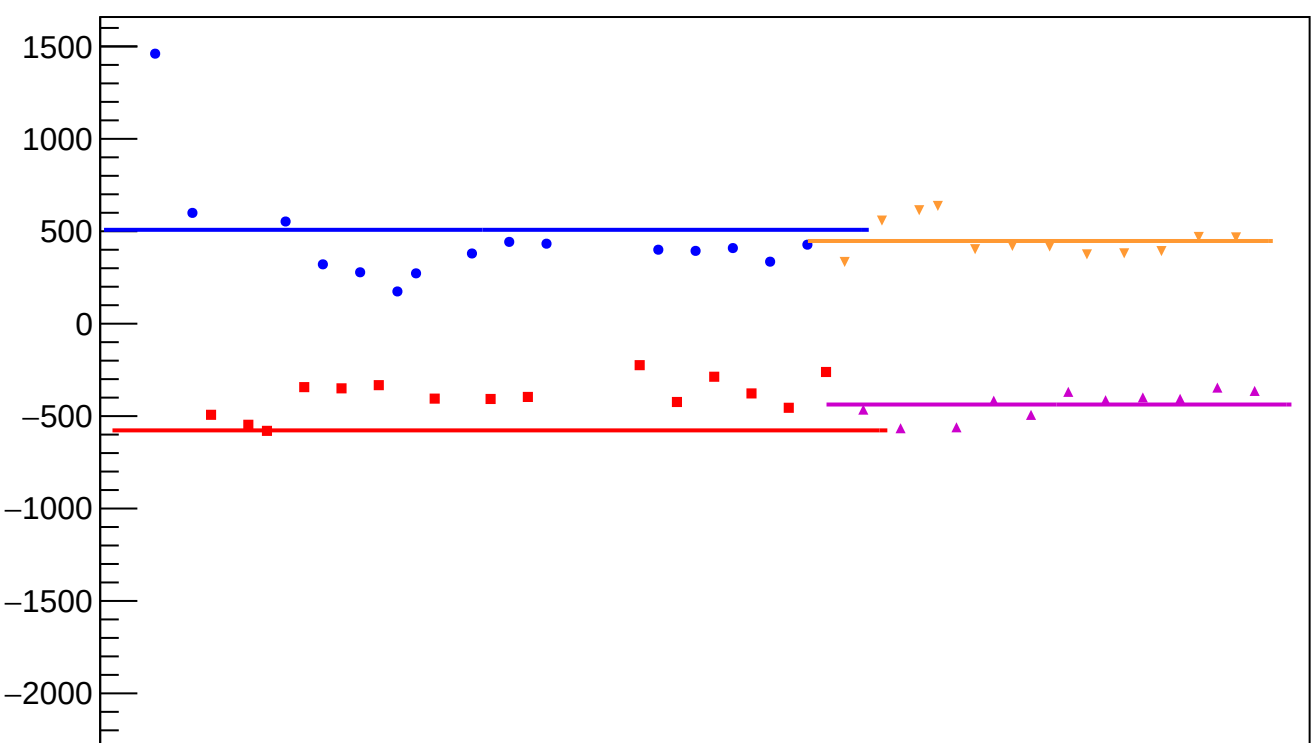
Right Out: 1227.879+/-0.000 χ^2/NDF: 1111531299992662339646645021844862245273 6.0/15

Out: -172.484+/-0.000 χ^2/NDF:143903749815765

Left In: 1420.806+/-0.000 χ^2/NDF:7479870857859201626379169322173611376 64.0/10

All: 46.739+/-0.000 χ^2/NDF: 2134277804715

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.378+/-0.000 χ^2/NDF: 372215236119872011

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Right: -42.141+/-0.000 χ^2/NDF: 692705775128653

Left Out: 447.436+/-0.000 χ^2/NDF:706907202896977463868898574275182592 0.0/11

In: -47.369+/-0.000 χ^2/NDF:40955291948460460

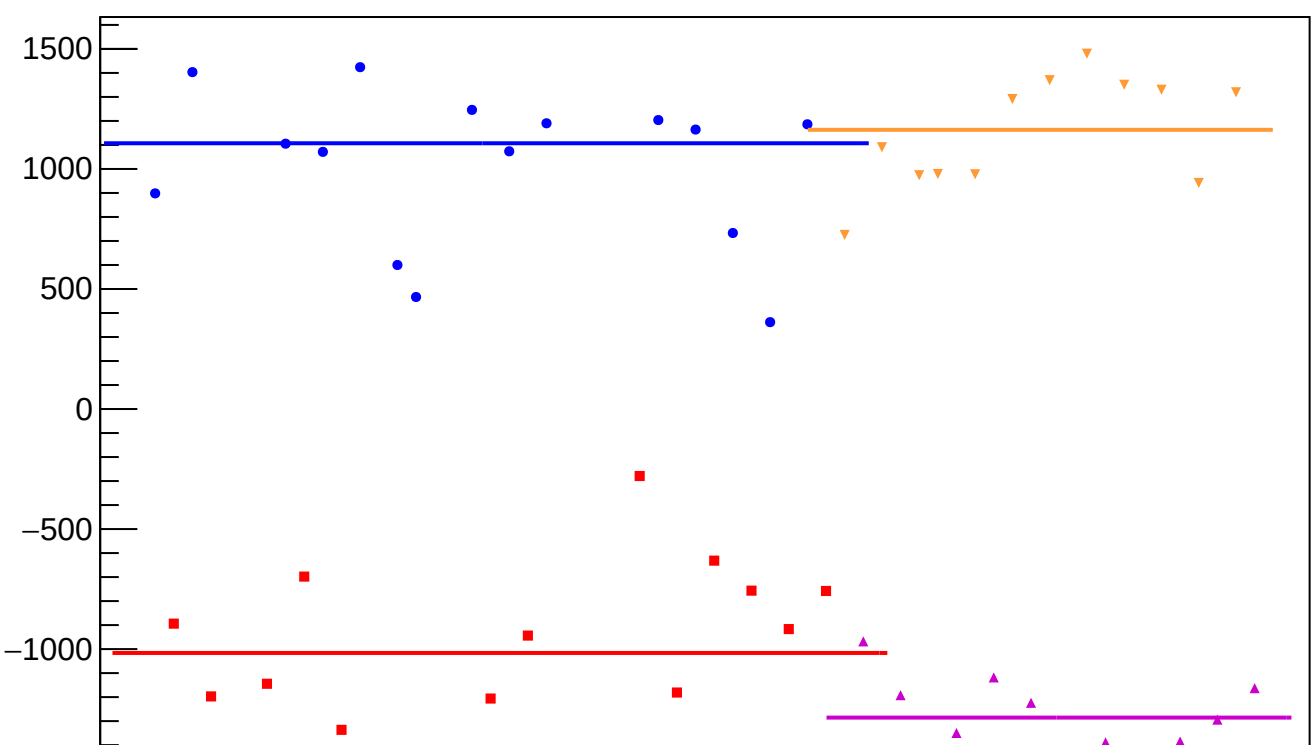
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Out: 15.955+/-0.000 χ^2/NDF:6537934259860128 7

Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10

All: -15.597+/-0.000 χ^2/NDF: 106651113090

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

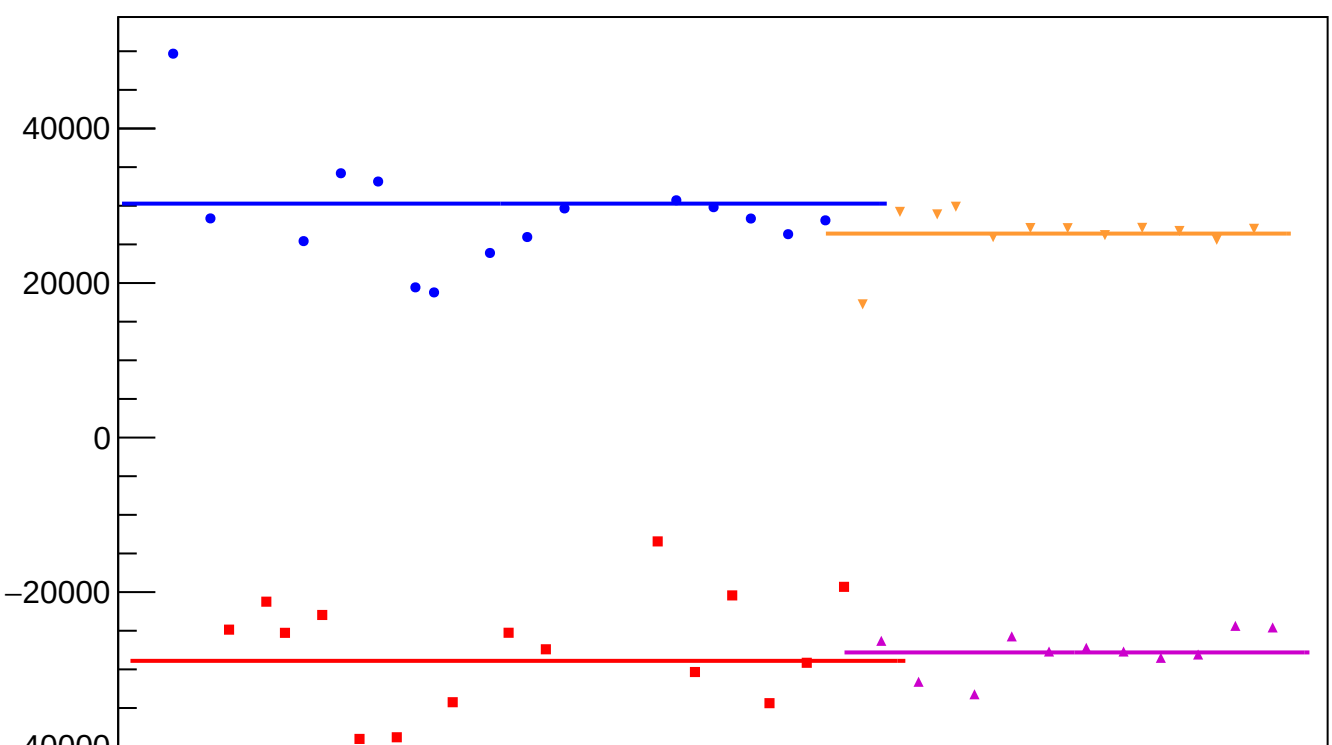
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

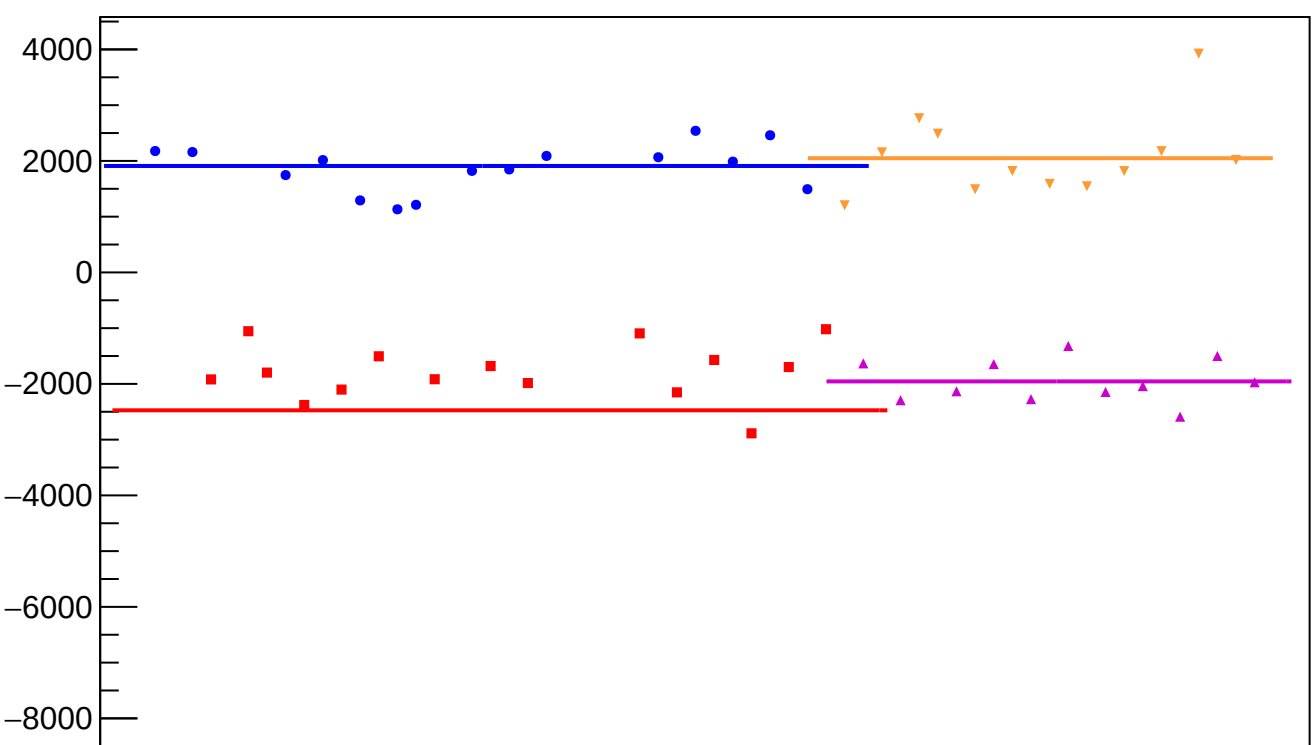
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atr2_coil4_mean vs Slug, Sign Corrected



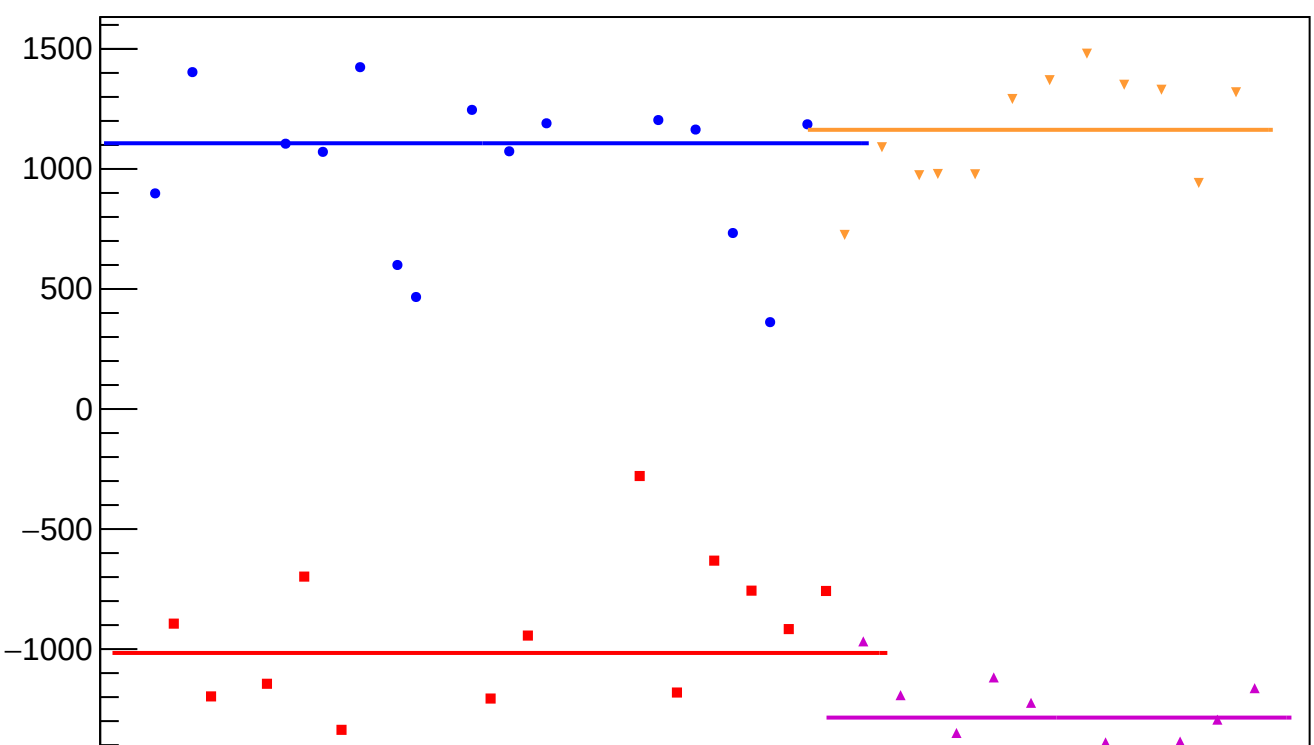
Left: -806.637+/-0.000 χ^2/NDF: 136711048094445
Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
Right: 285.980+/-0.000 χ^2/NDF: 122974265906167
Left Out: 26400.073+/-0.000 χ^2/NDF:852345353206654257424343989900837650432 0.0/11
In: -3842.144+/-0.000 χ^2/NDF:132338595511608
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15
Out: 3115.545+/-0.000 χ^2/NDF:123617666478077
Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10
All: -351.178+/-0.000 χ^2/NDF: 25977693003

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.262+/-0.000 χ^2/NDF: 7950641036377747
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2049.063+/-0.000 χ^2/NDF:4437211009992955156726740363485097492 48.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 3033908025746418121738753286600386412544.0/15
Out: 144.475+/-0.000 χ^2/NDF:113771516901809
Left In: -1955.312+/-0.000 χ^2/NDF:1269090523838381660352940821773476167 68.0/10
All: -107.266+/-0.000 χ^2/NDF: 17487329271

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

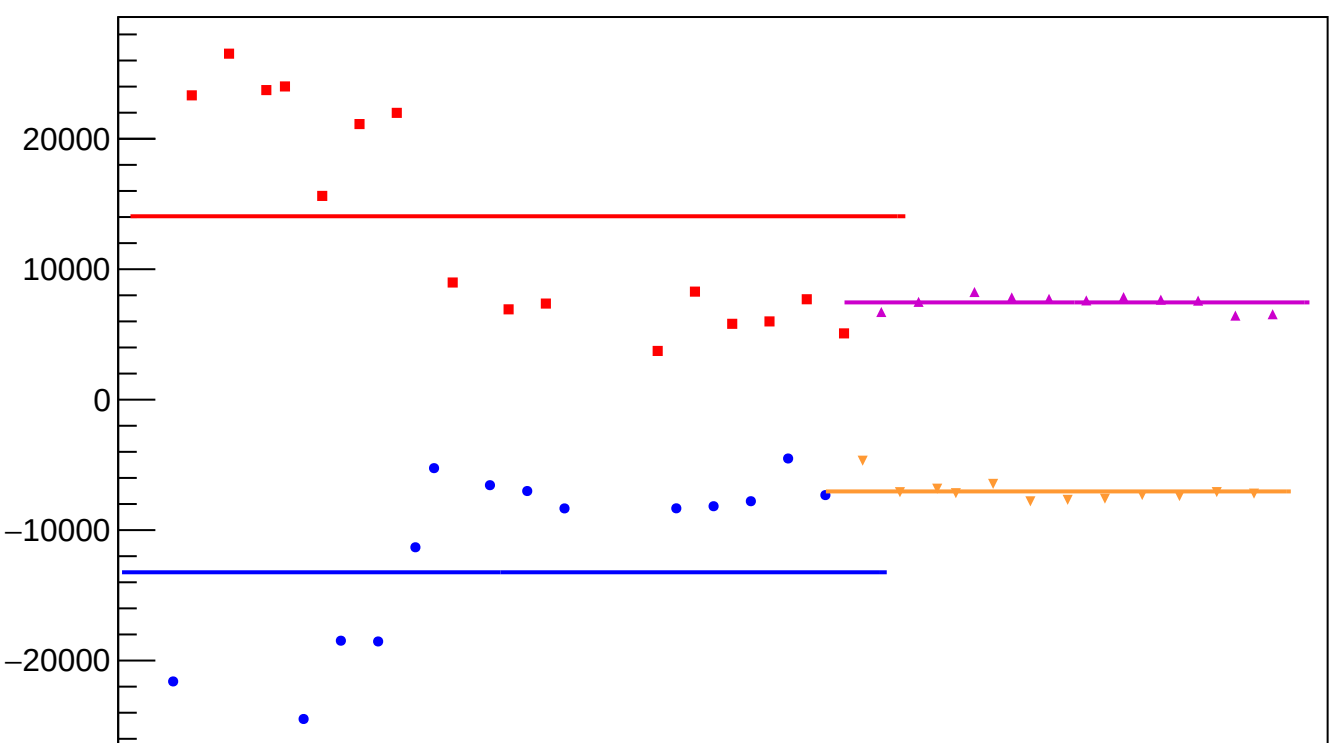
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.400+/-0.000 χ^2/NDF: 9751063726876122

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7034.420+/-0.000 χ^2/NDF:586087700252049179265432435380023459840.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

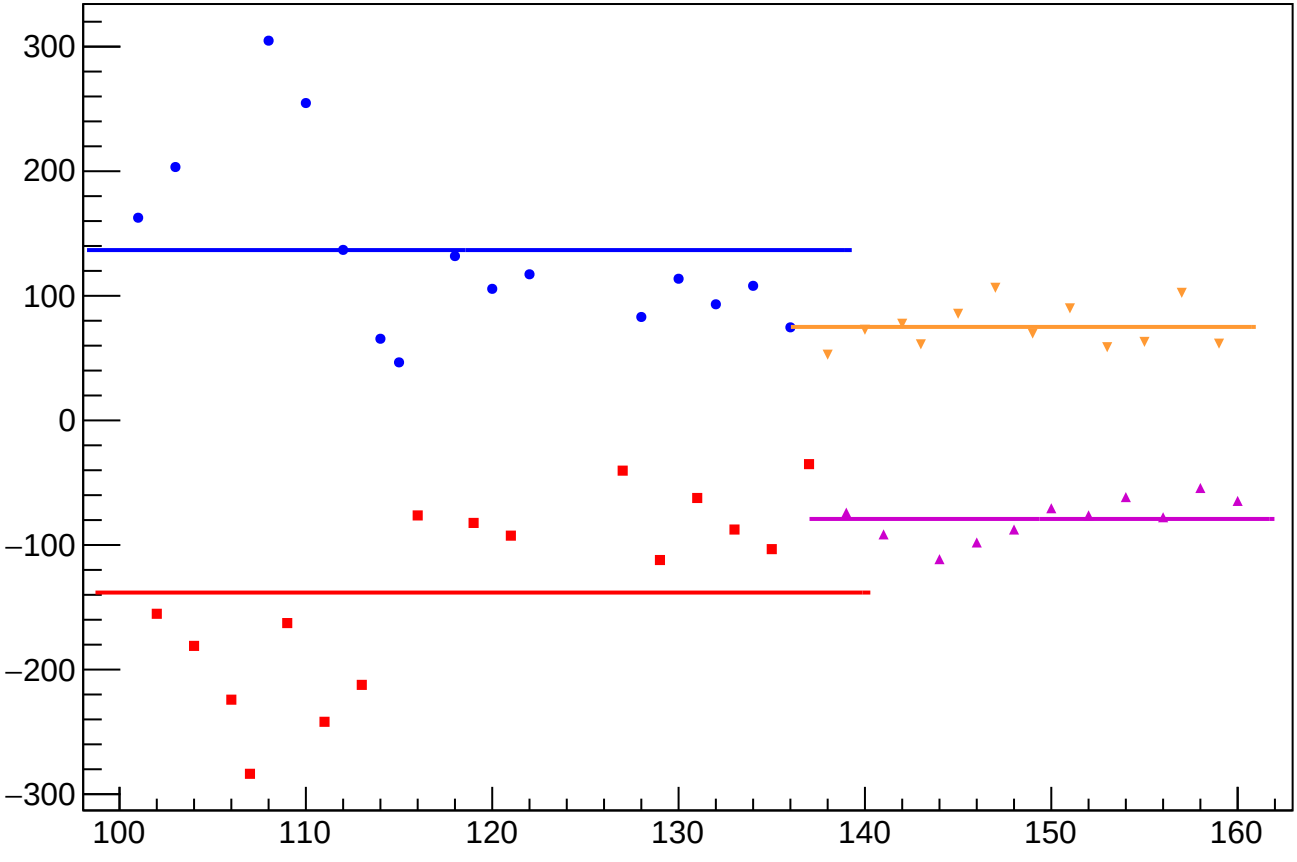
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1848.185+/-0.000 χ^2/NDF:216898943456081

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.145+/-0.000 χ^2/NDF: 42839590494 8

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.324+/-0.000 χ^2/NDF: 11443199732666007

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.033+/-0.000 χ^2/NDF:2656978002749540884156088723743703 04.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

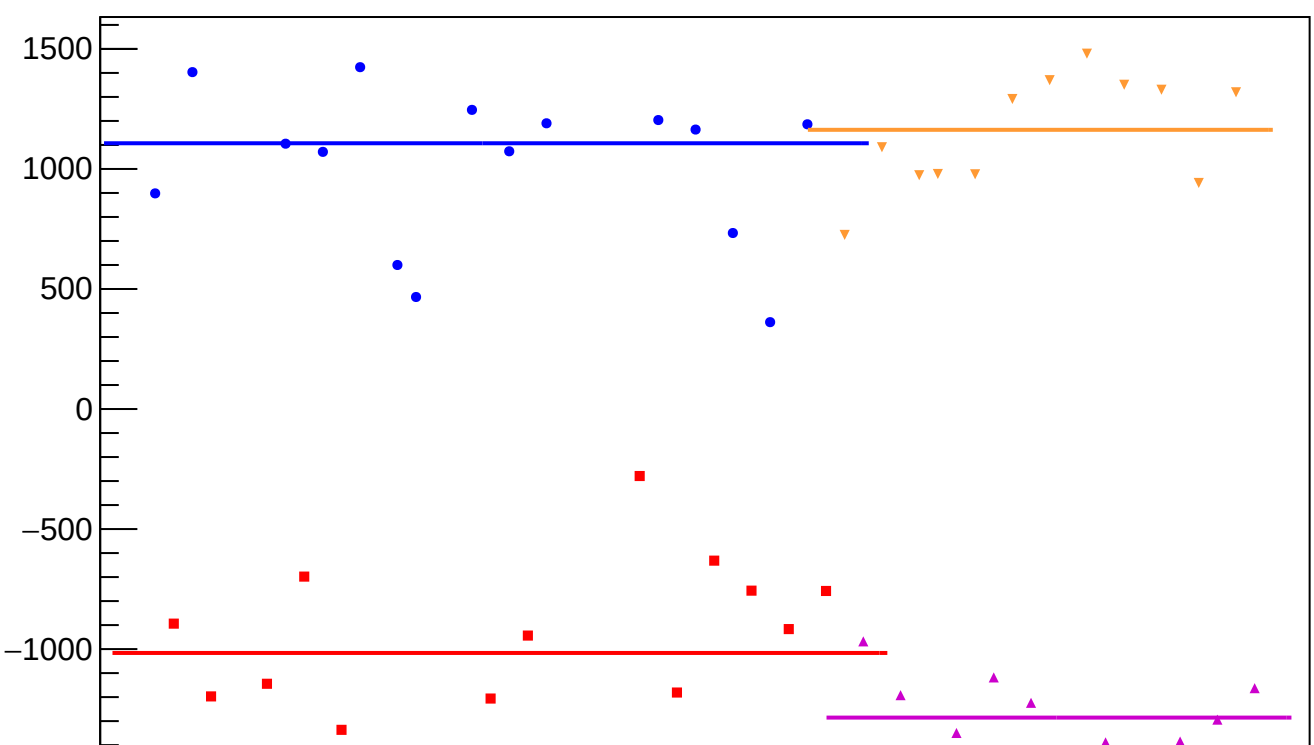
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.747+/-0.000 χ^2/NDF:2105017131022342

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.445+/-0.000 χ^2/NDF: 4221727121021

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

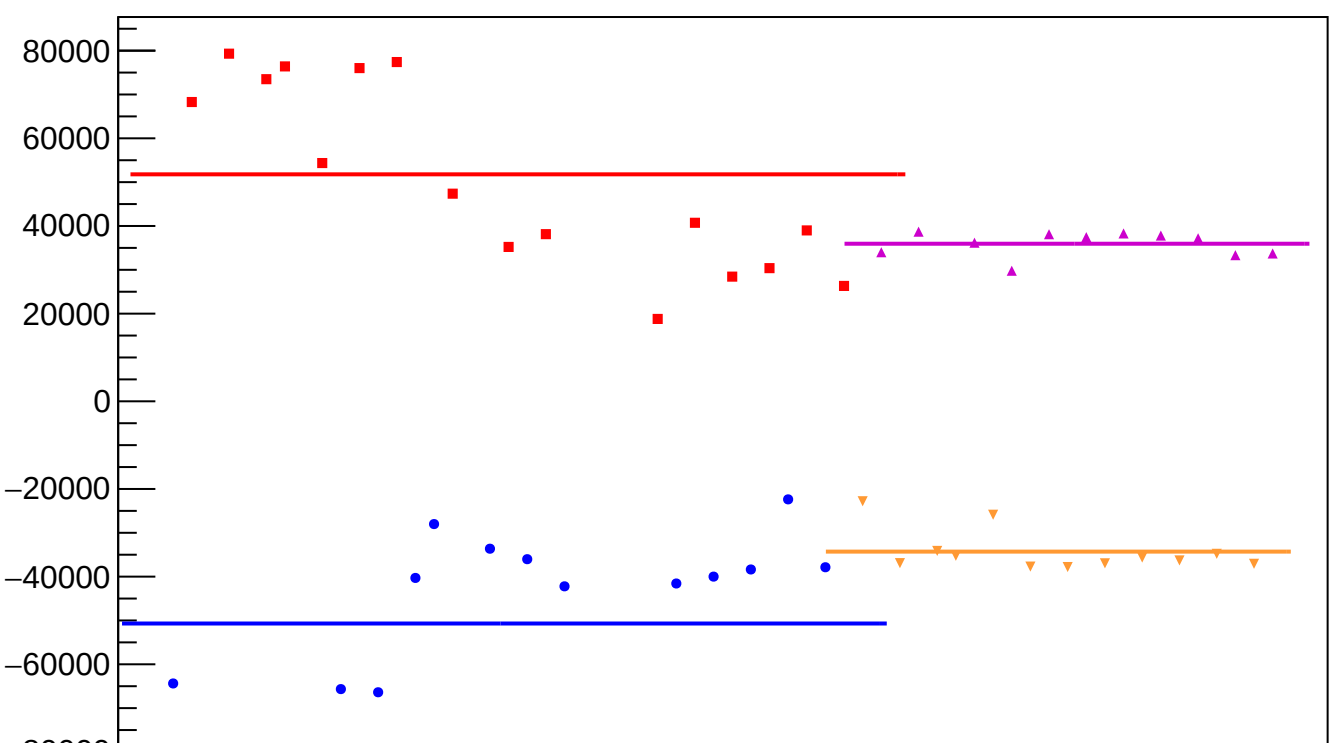
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 962.319+/-0.000 χ^2/NDF: 2297605791567623

Right In: -50695.424+/-0.000 χ^2/NDF: 2266135852539085766830777611321883555266 56.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 3962919537137 9

Left Out: -34292.100+/-0.000 χ^2/NDF:2027312940399082078986610590811666409062 4.0/11

In: 200.989+/-0.000 χ^2/NDF:3095190058444941 0

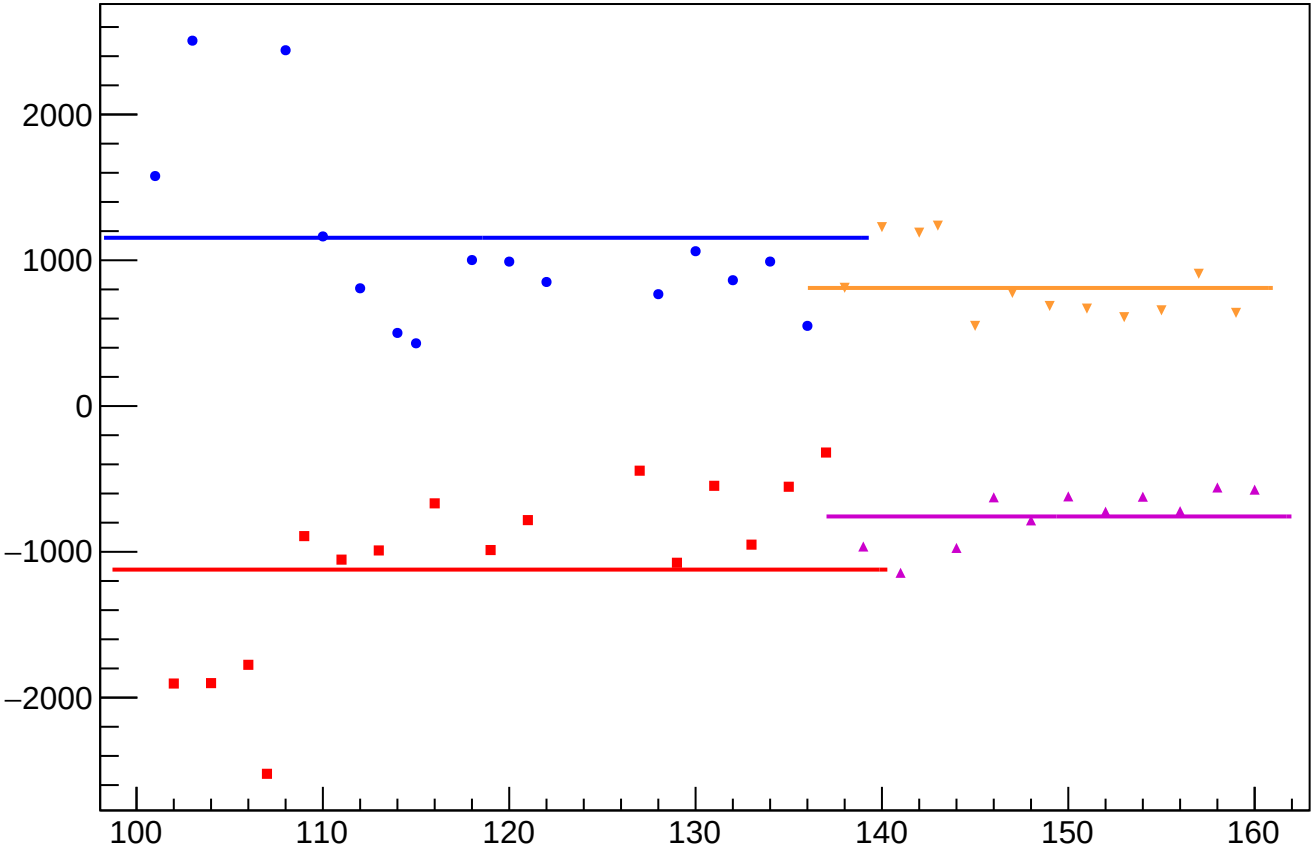
Right Out: 51783.912+/-0.000 χ^2/NDF: 2817896177291319962711541984726174788485 12.0/15

Out: 1953.291+/-0.000 χ^2/NDF:3162973219587 90

Left In: 35949.660+/-0.000 χ^2/NDF:6535777806152232441815832130596699635712.0/10

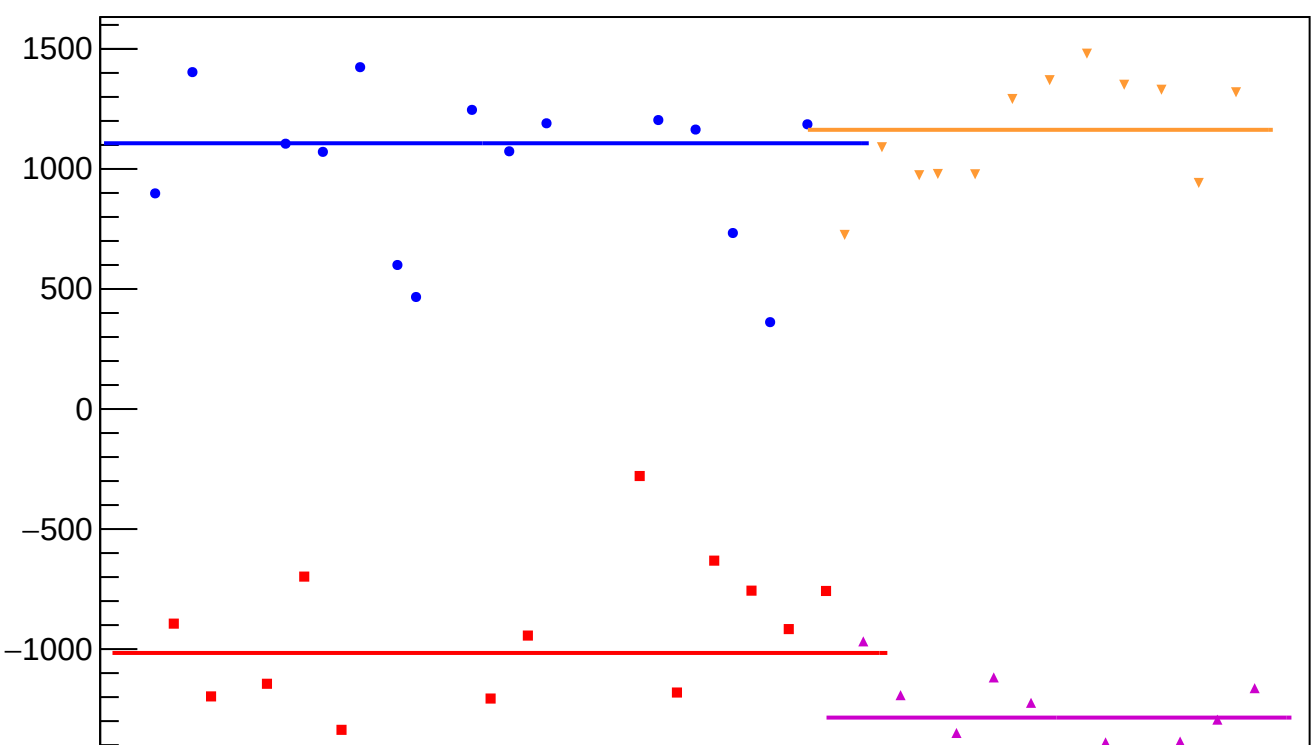
All: 1080.193+/-0.000 χ^2/NDF: 6260586691 3

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.400+/-0.000 χ^2/NDF: 1211723110123337
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946 63731200.0/14
Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3
Left Out: 810.109+/-0.000 χ^2/NDF:49902289627136601603211934324001603584.0/11
In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440 02797617152.0/15
Out: -3.447+/-0.000 χ^2/NDF:1717426352651137 4
Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851 1744.0/10
All: 13.909+/-0.000 χ^2/NDF: 3391906593651

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

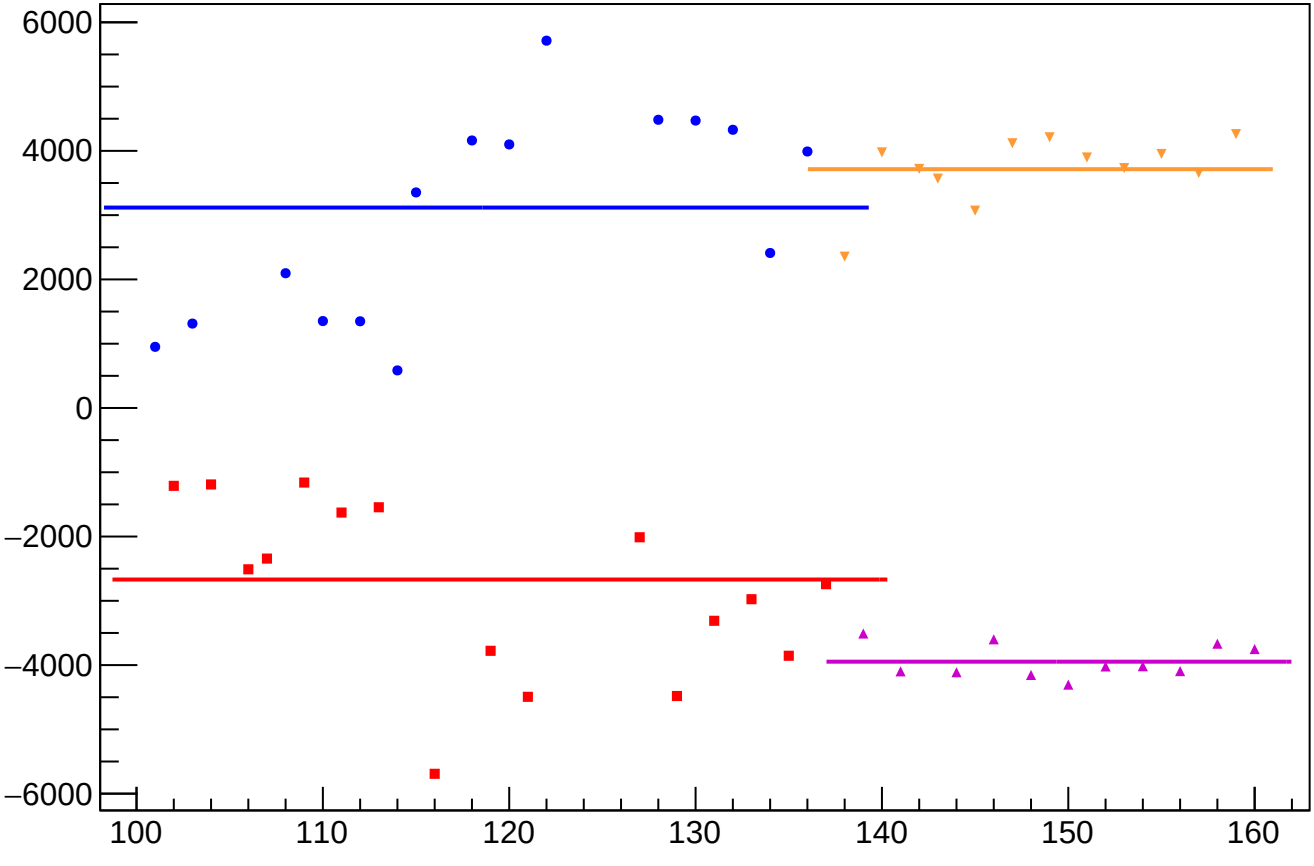
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

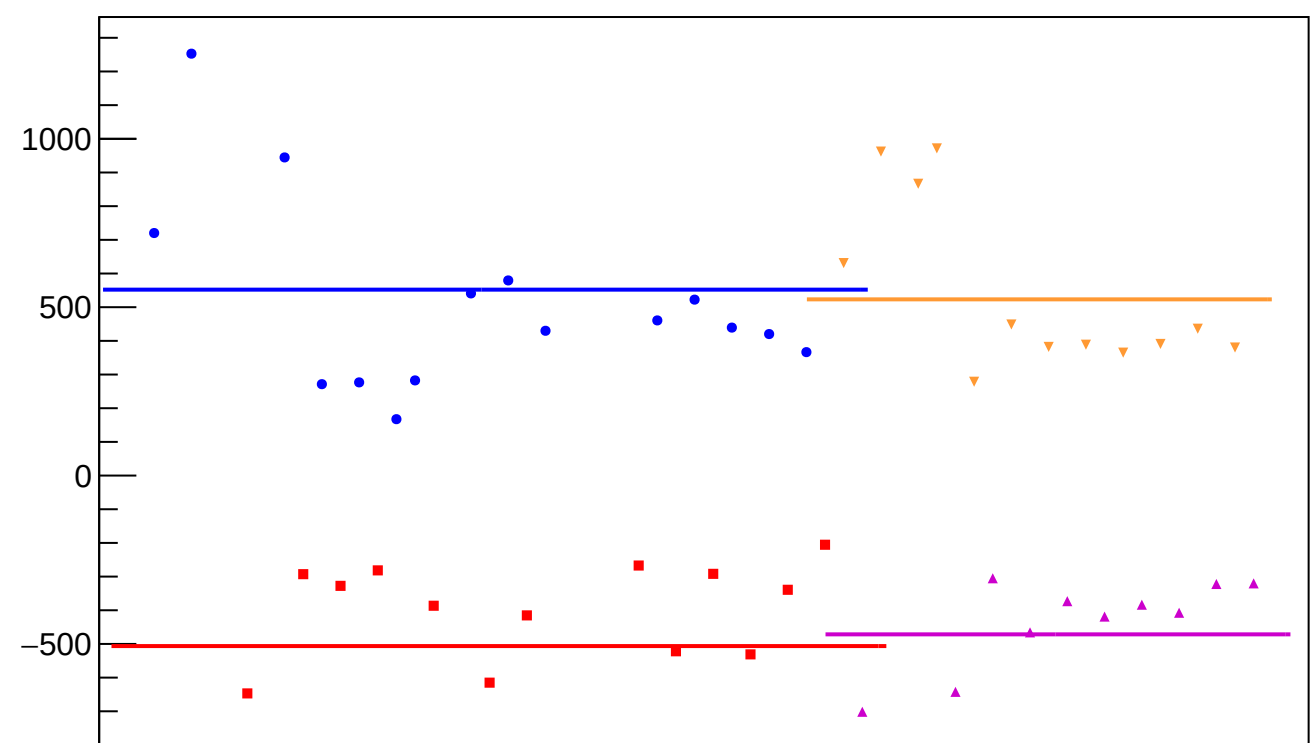
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.638+/-0.000 χ^2/NDF: 273254041093418
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3714.902+/-0.000 χ^2/NDF:2496524034929409624753633728821272248 32.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1026.818+/-0.000 χ^2/NDF:171216983651116
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4110582772832

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 23.972+/-0.000 χ^2/NDF: 5308590722926702

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 523.267+/-0.000 χ^2/NDF:4970286624499209741038683405949494886 4.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

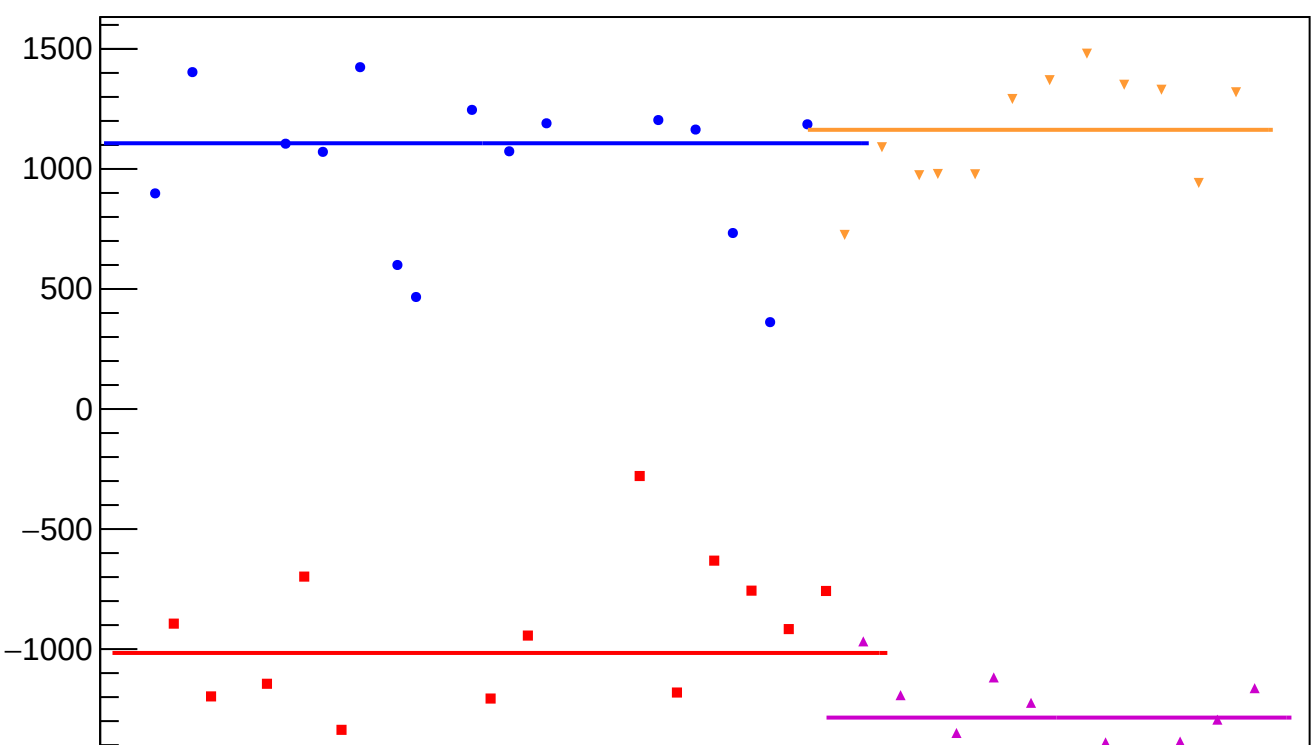
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.712+/-0.000 χ^2/NDF:4962274960791484 1

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.500+/-0.000 χ^2/NDF: 9873505575210

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

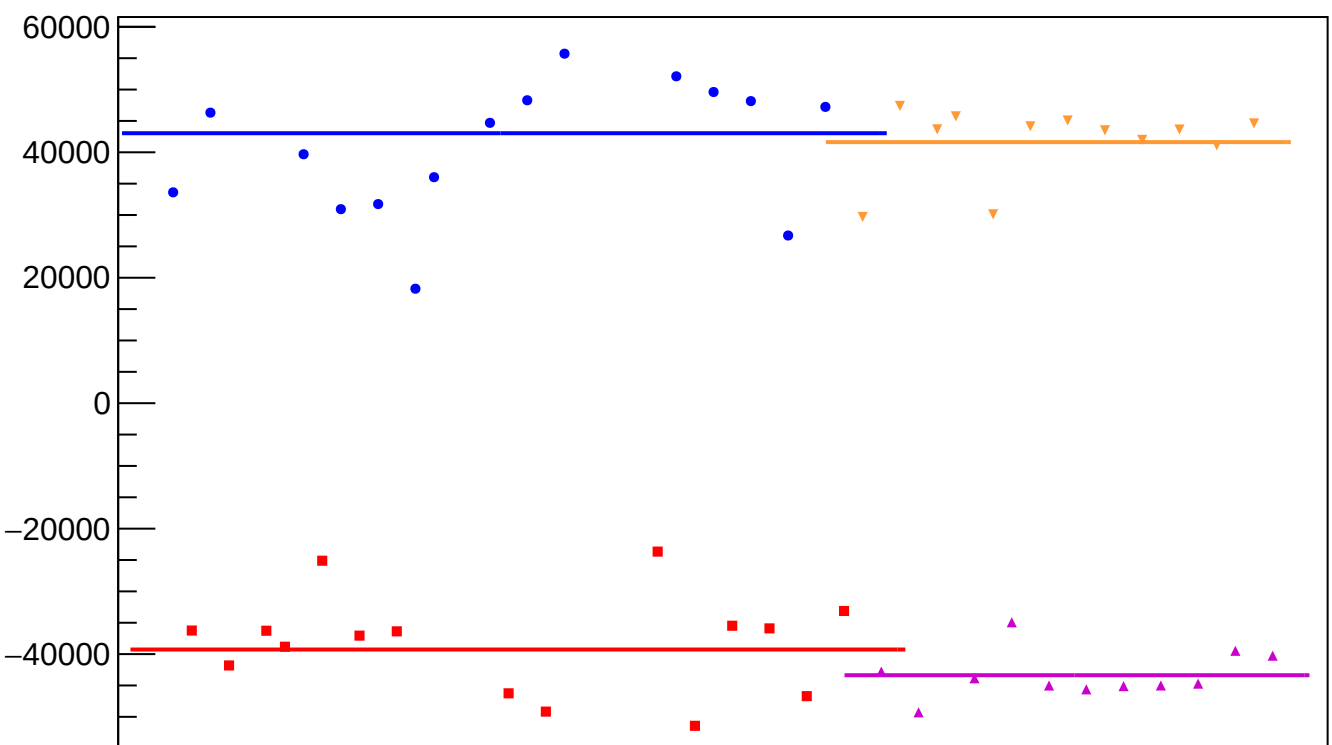
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam4_coil4_mean vs Slug, Sign Corrected



Left: -1032.708+/-0.000 χ^2/NDF: 33652194023824

Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14

Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556

Left Out: 41622.622+/-0.000 χ^2/NDF:28728414397722339003377552504288532496384.0/11

In: -7715.351+/-0.000 χ^2/NDF:290679667494142

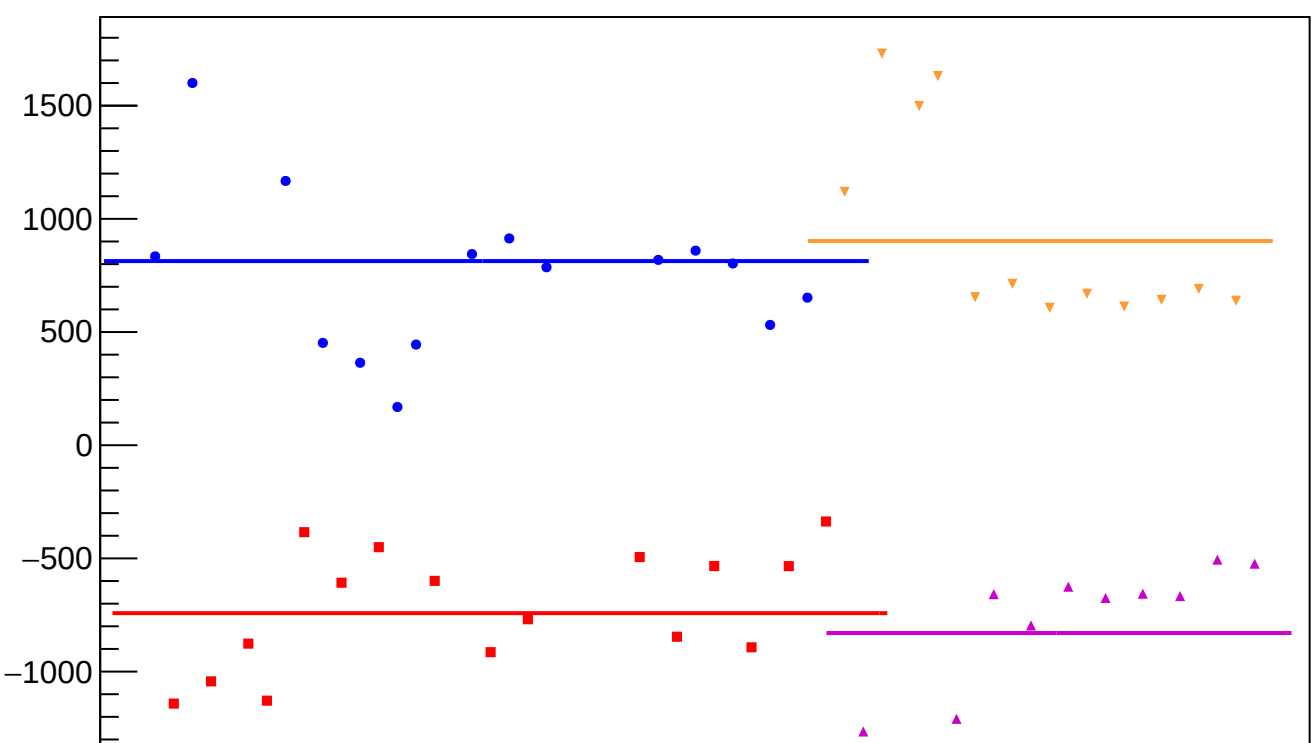
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15

Out: 7560.040+/-0.000 χ^2/NDF:260730216832063

Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10

All: -51.044+/-0.000 χ^2/NDF: 569825828480

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.060+/-0.000 χ^2/NDF: 16296625805800511

Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984

Left Out: 902.421+/-0.000 χ^2/NDF:1527183260740364257606922814228151664 64.0/11

In: -151.745+/-0.000 χ^2/NDF:1192581949846065

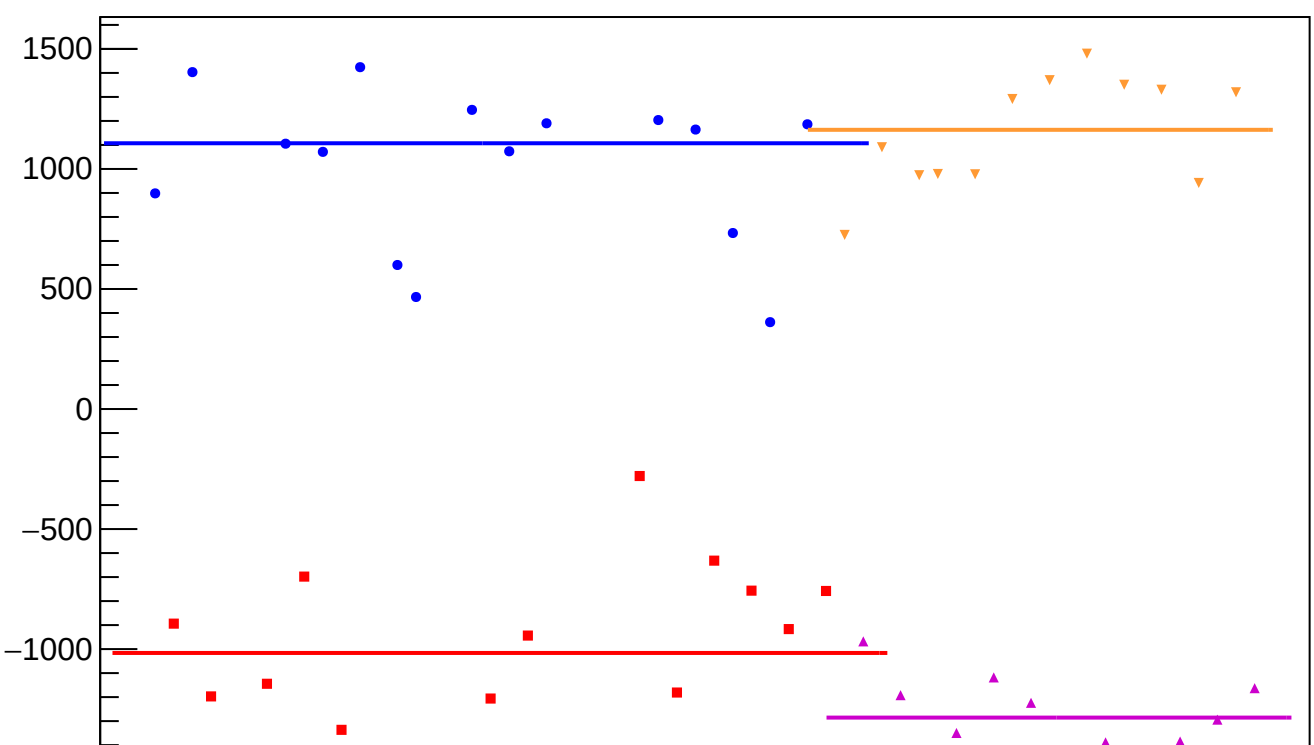
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

Out: 210.016+/-0.000 χ^2/NDF:1240836958333557

Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

All: 29.766+/-0.000 χ^2/NDF: 2536707777757

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

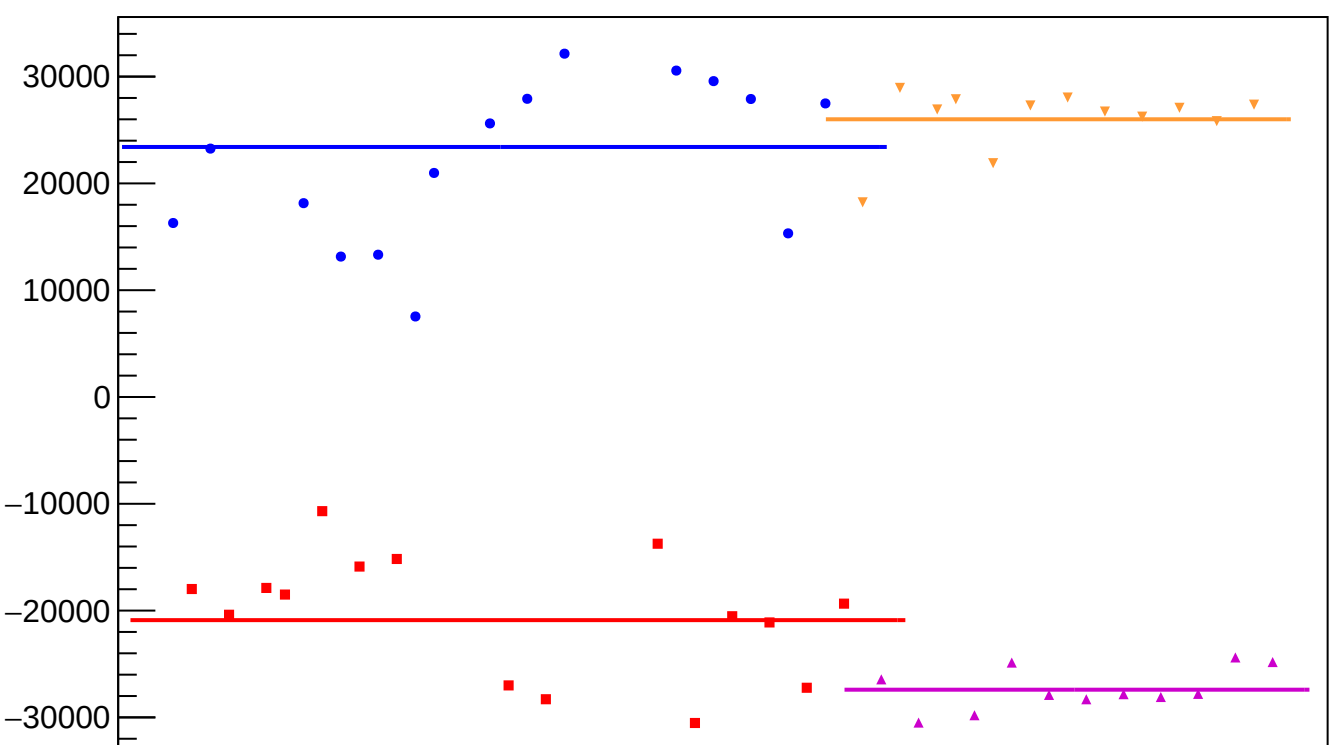
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -803.129+/-0.000 χ^2/NDF: 132413113265700

Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Right: 955.690+/-0.000 χ^2/NDF: 701538889846229

Left Out: 26004.082+/-0.000 χ^2/NDF:7839626408572155503333833682521065259008.0/11

In: -6440.074+/-0.000 χ^2/NDF:101629631311626

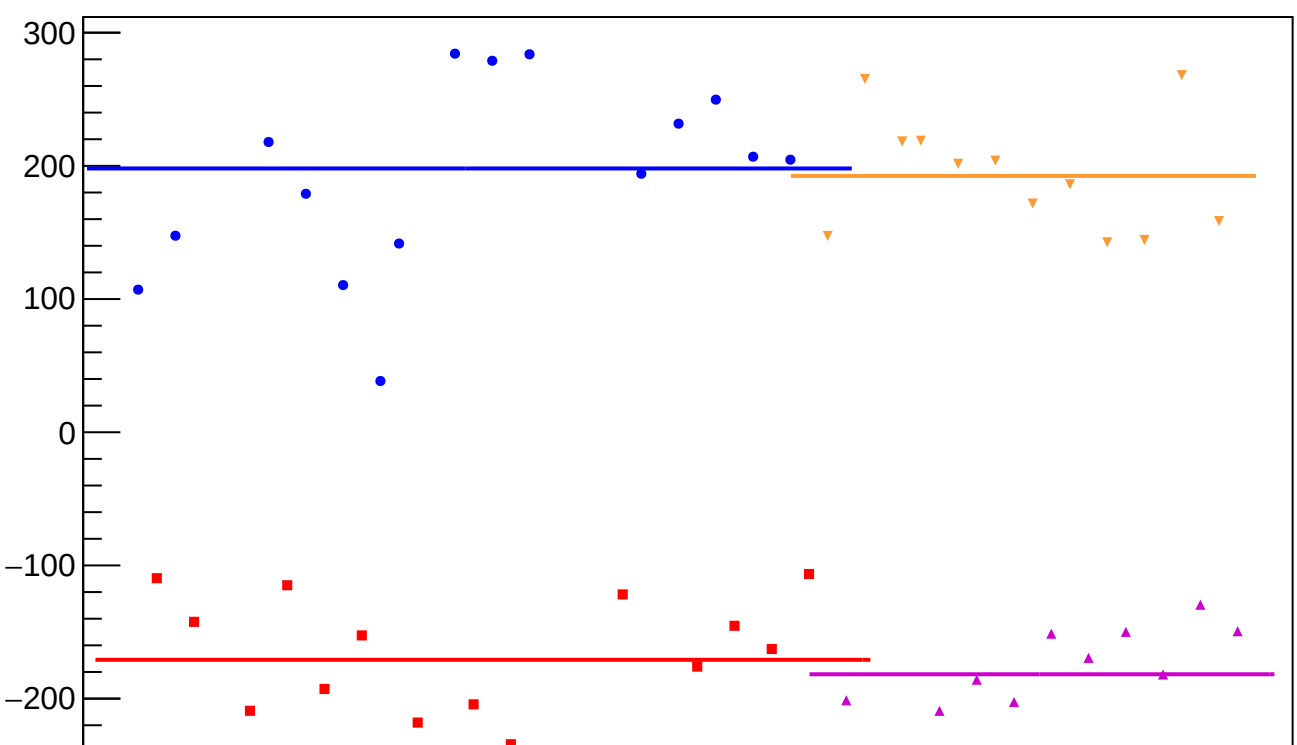
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

Out: 6255.912+/-0.000 χ^2/NDF:884531572678742

Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10

All: -69.963+/-0.000 χ^2/NDF: 202804400443

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.659+/-0.000 χ^2/NDF: 67329537707792057

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 192.452+/-0.000 χ^2/NDF:1667687947841400069416399021327515648.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

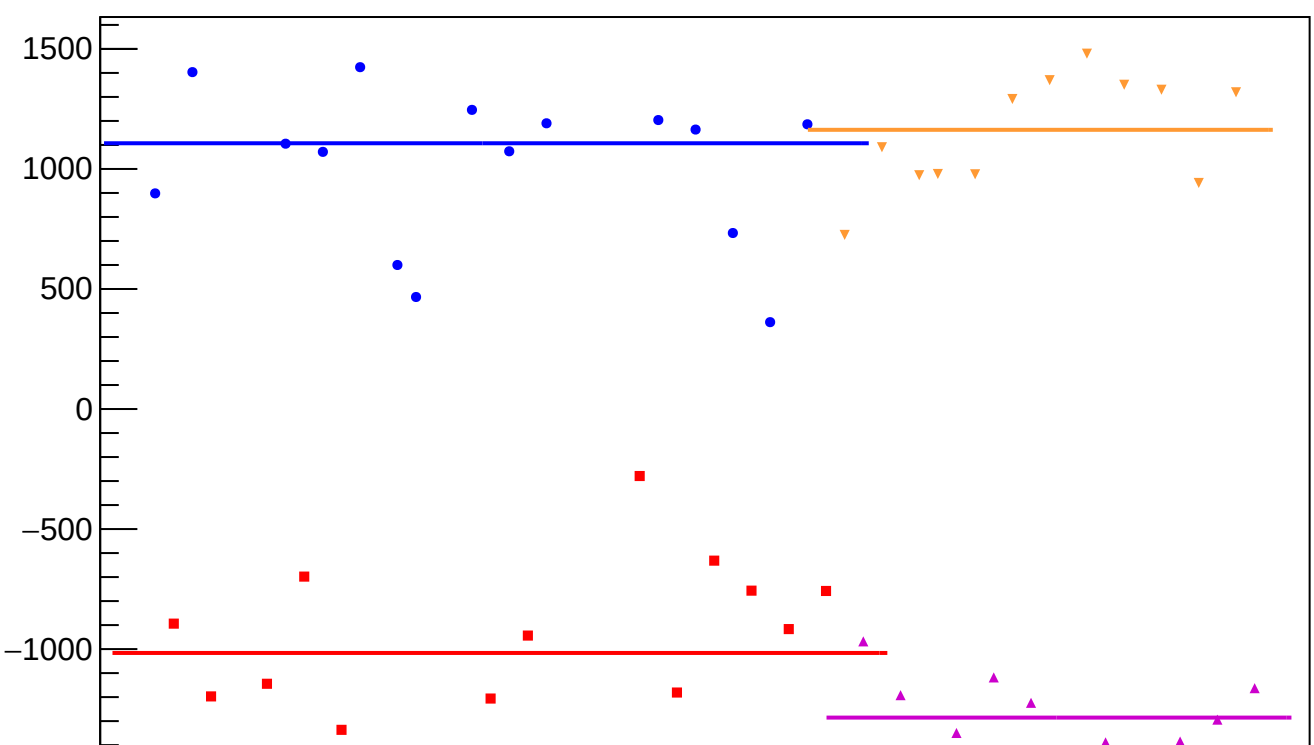
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.470+/-0.000 χ^2/NDF:5405184251438931

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.335+/-0.000 χ^2/NDF: 116028455108

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

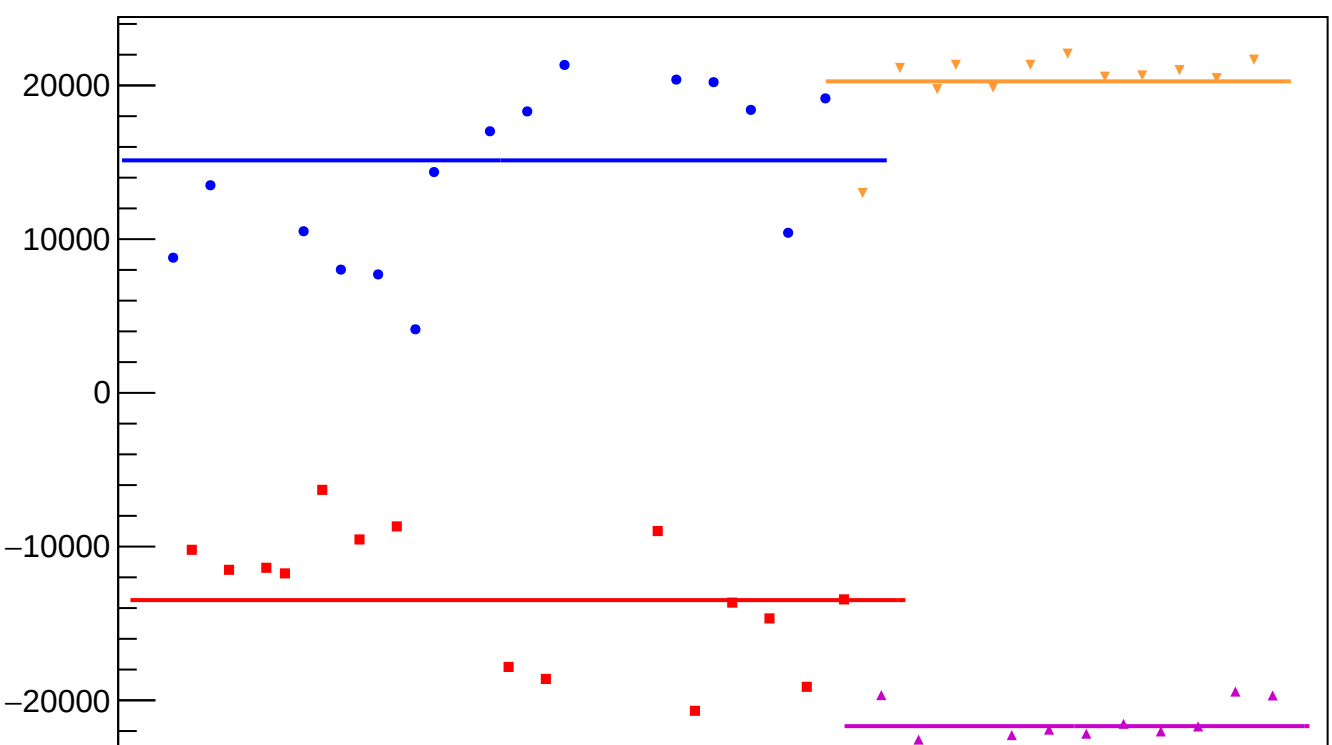
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -787.099+/-0.000 χ^2/NDF: 816824230901202

Right In: 15125.834+/-0.000 χ^2/NDF: 1661543876766406915174466838076324629708 8.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20266.540+/-0.000 χ^2/NDF:486366022475247073917224269545411182592 0.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

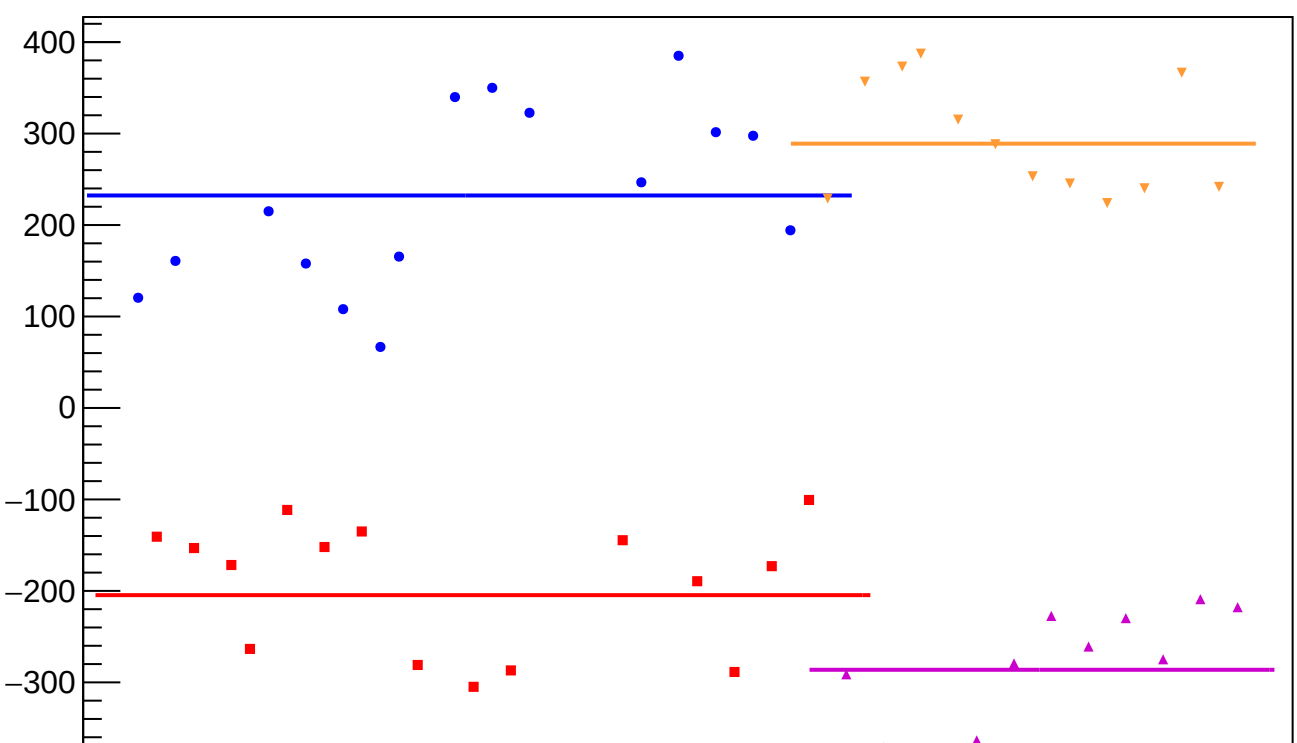
Right Out: -13482.244+/-0.000 χ^2/NDF: 1591042647540782525025224874981002208870 4.0/15

Out: 6055.404+/-0.000 χ^2/NDF:460575135177264

Left In: -21681.241+/-0.000 χ^2/NDF:2108874573649202621711530332866310307840.0/10

All: -197.985+/-0.000 χ^2/NDF: 1120093349 7

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15948246710359558

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 288.949+/-0.000 χ^2/NDF:3144080021405635930356092886432350208.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

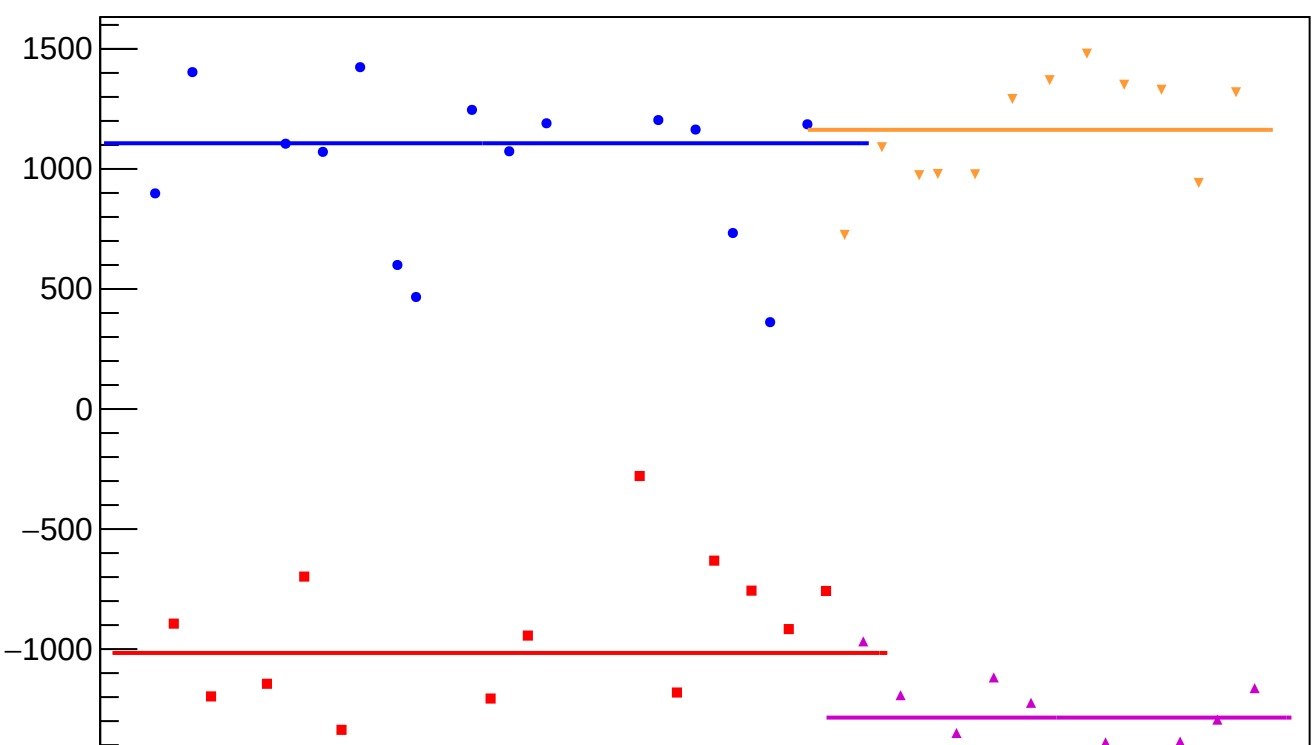
Right Out: -204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

Out: 81.107+/-0.000 χ^2/NDF:1017722700549251

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.673+/-0.000 χ^2/NDF: 2324042651165

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

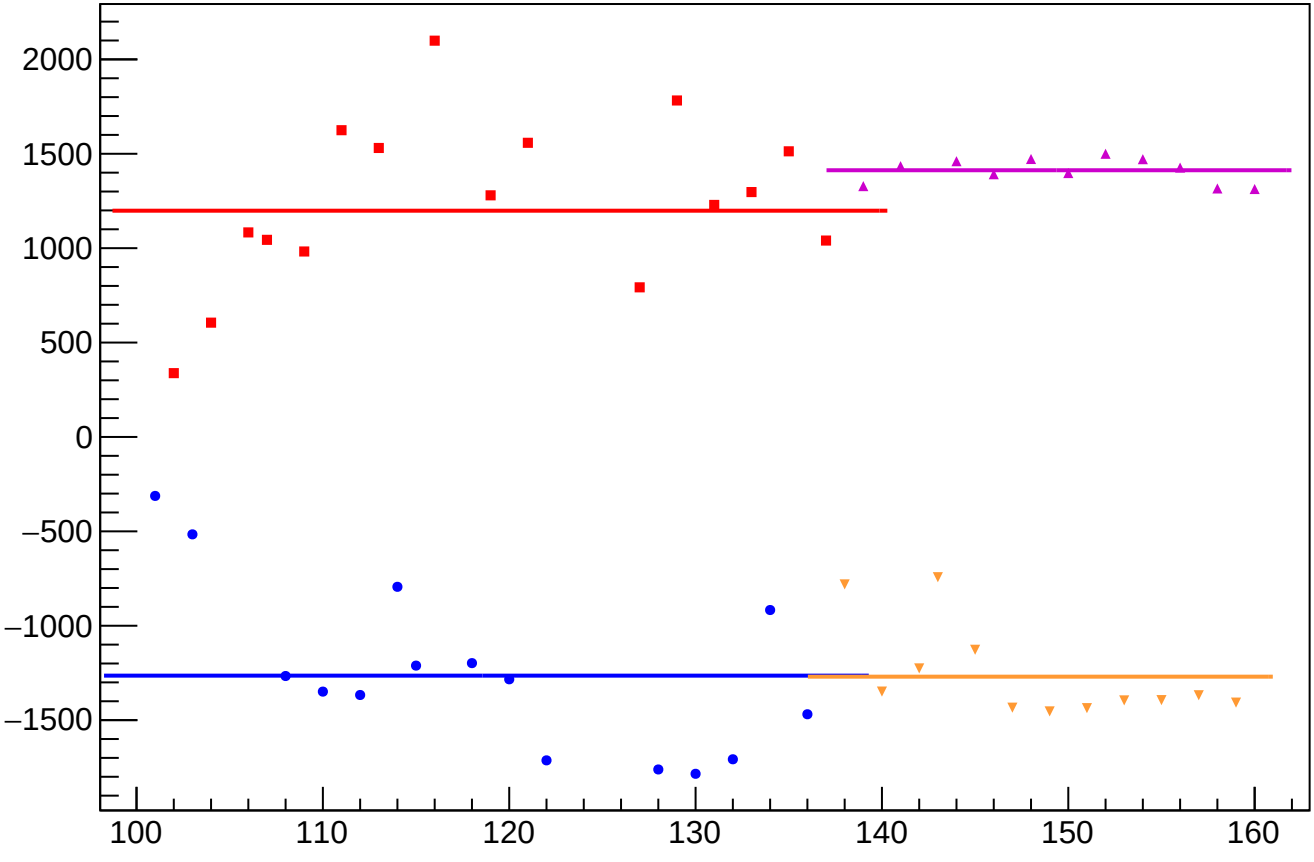
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam7_coil4_mean vs Slug, Sign Corrected



Left: 76.614+/-0.000 χ^2/NDF: 3366914174331423

Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14

Right: -16.067+/-0.000 χ^2/NDF: 226649511001664

Left Out: -1269.744+/-0.000 χ^2/NDF:5141110974922071048895626105563434188 8.0/11

In: 308.244+/-0.000 χ^2/NDF:2876034416148533

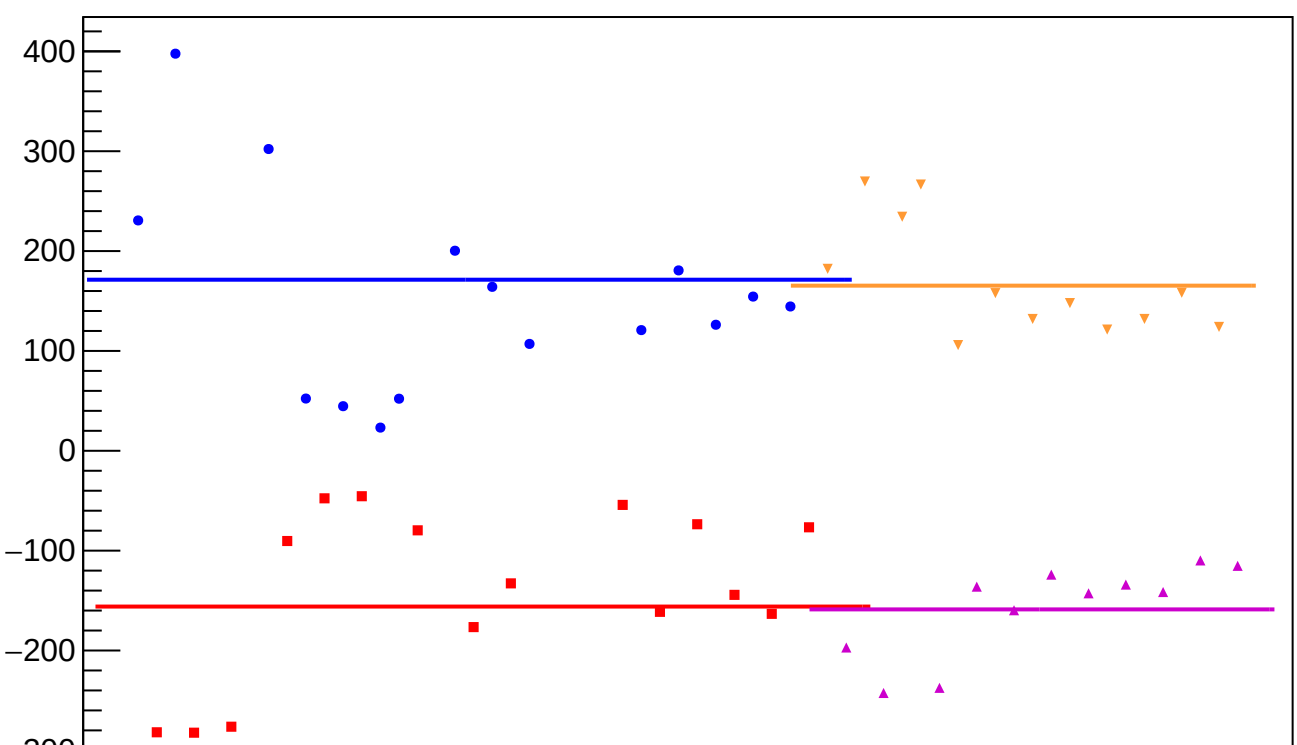
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15

Out: -230.408+/-0.000 χ^2/NDF:253497117304588

Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10

All: 37.980+/-0.000 χ^2/NDF: 5640001192745

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.654+/-0.000 χ^2/NDF: 5285226415188617 60

Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14

Right: 5.426+/-0.000 χ^2/NDF: 4704270819776107 6

Left Out: 165.375+/-0.000 χ^2/NDF:2622335351174785803279271276281069568.0/11

In: -22.615+/-0.000 χ^2/NDF:4952961248607561 7

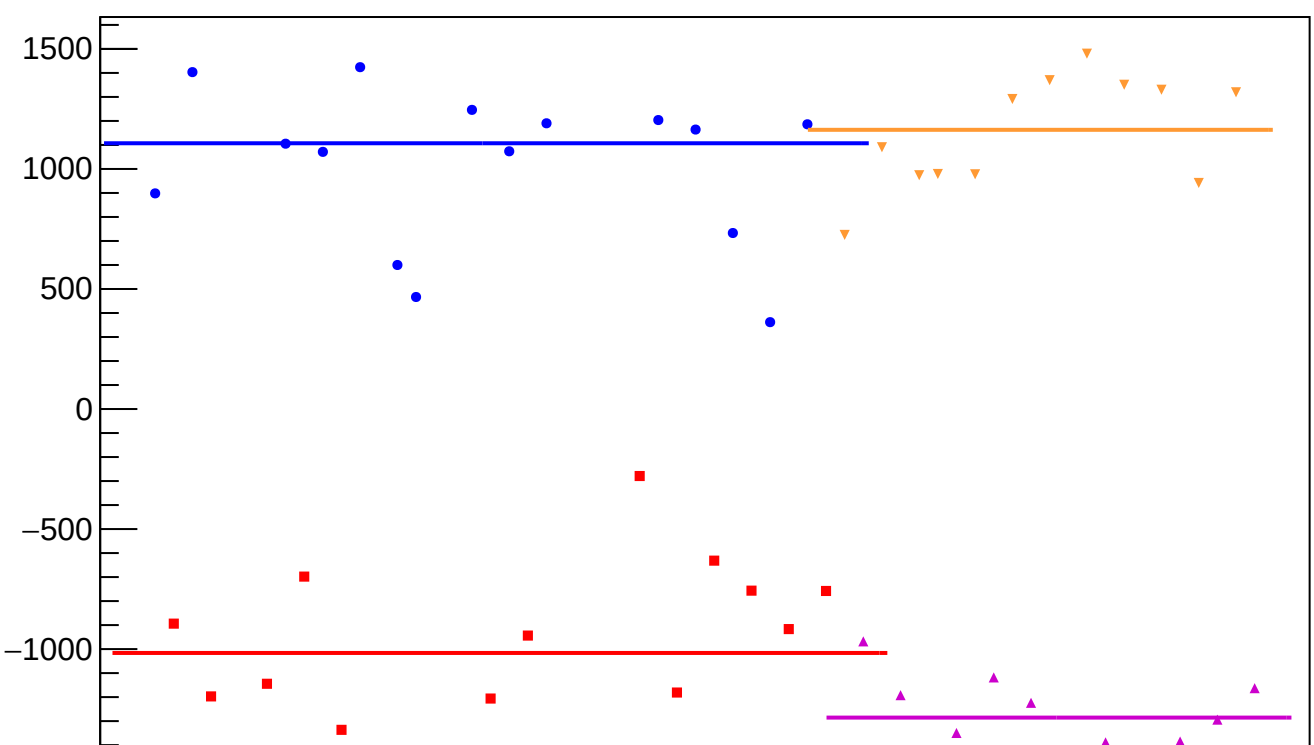
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

Out: 30.051+/-0.000 χ^2/NDF:4818210248860220 9

Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10

All: 3.810+/-0.000 χ^2/NDF: 9990086887008 6

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

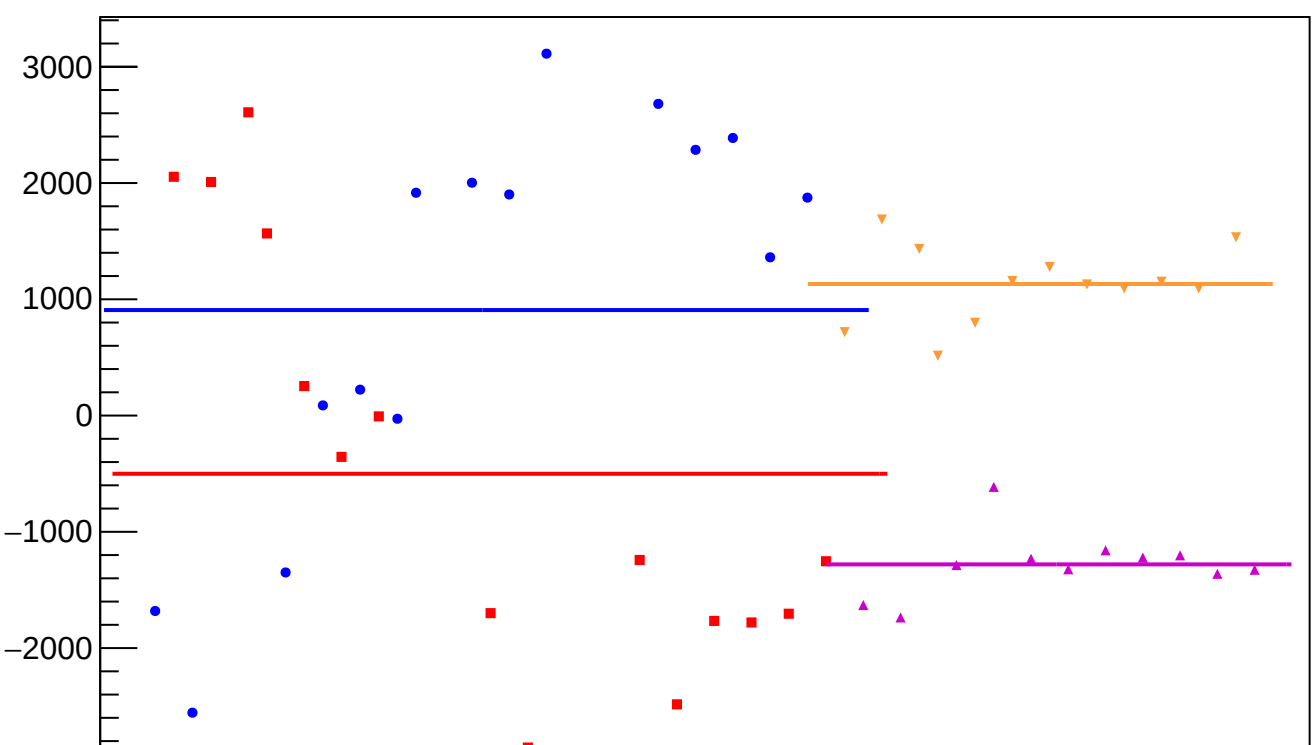
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.685+/-0.000 χ^2/NDF: 2837029478342244

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1131.794+/-0.000 χ^2/NDF:9232746431894252930207975420498385305 6.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

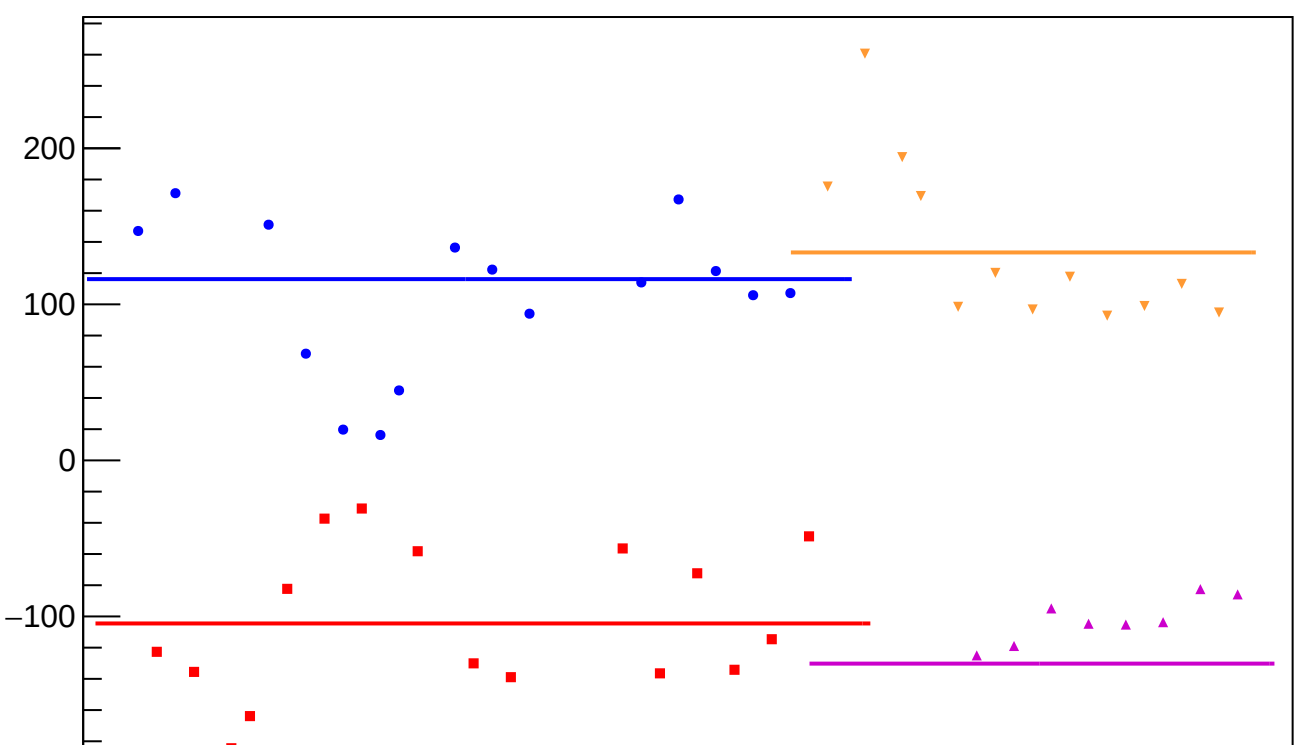
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 444.379+/-0.000 χ^2/NDF:319561238591264 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

All: 34.878+/-0.000 χ^2/NDF: 7727687301176

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.010+/-0.000 χ^2/NDF: 36278772588722516

Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14

Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2

Left Out: 133.258+/-0.000 χ^2/NDF:2355510699309539172490444744349974528.0/11

In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1

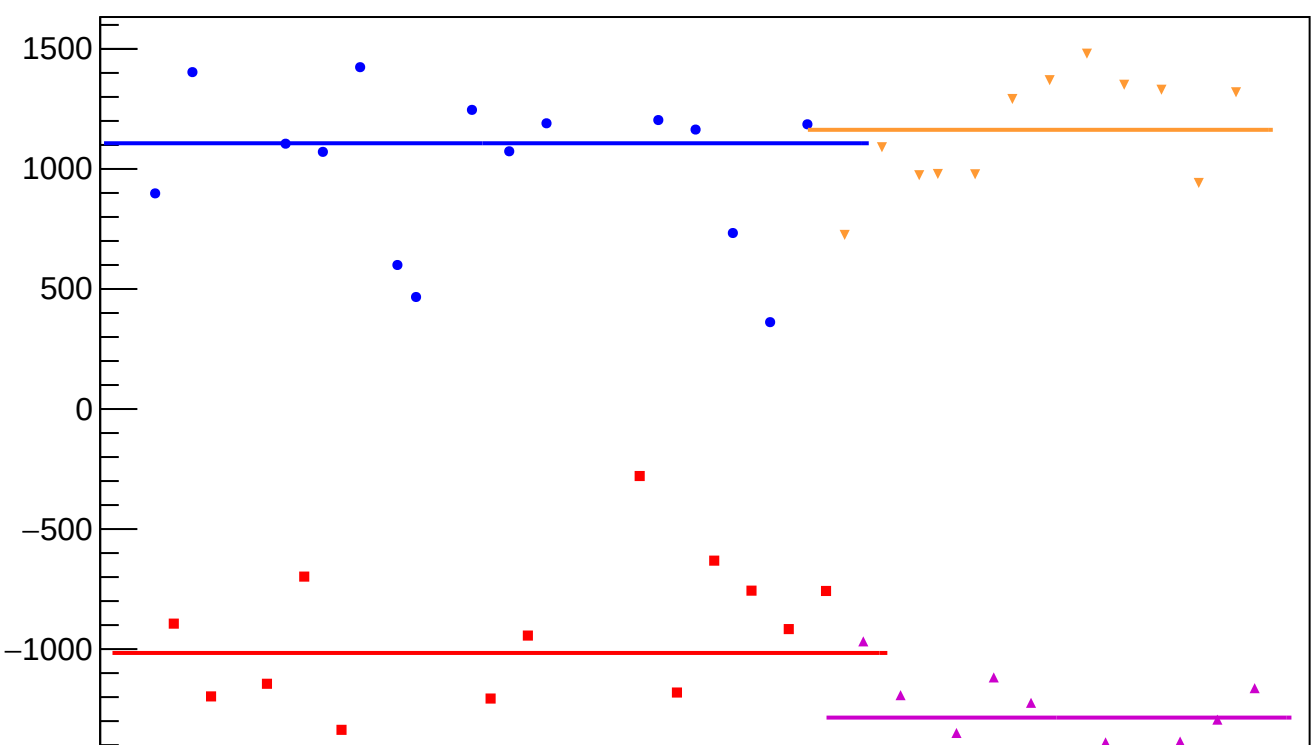
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

Out: 33.141+/-0.000 χ^2/NDF:2546942447109710 9

Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10

All: 2.390+/-0.000 χ^2/NDF: 5478793932832 8

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

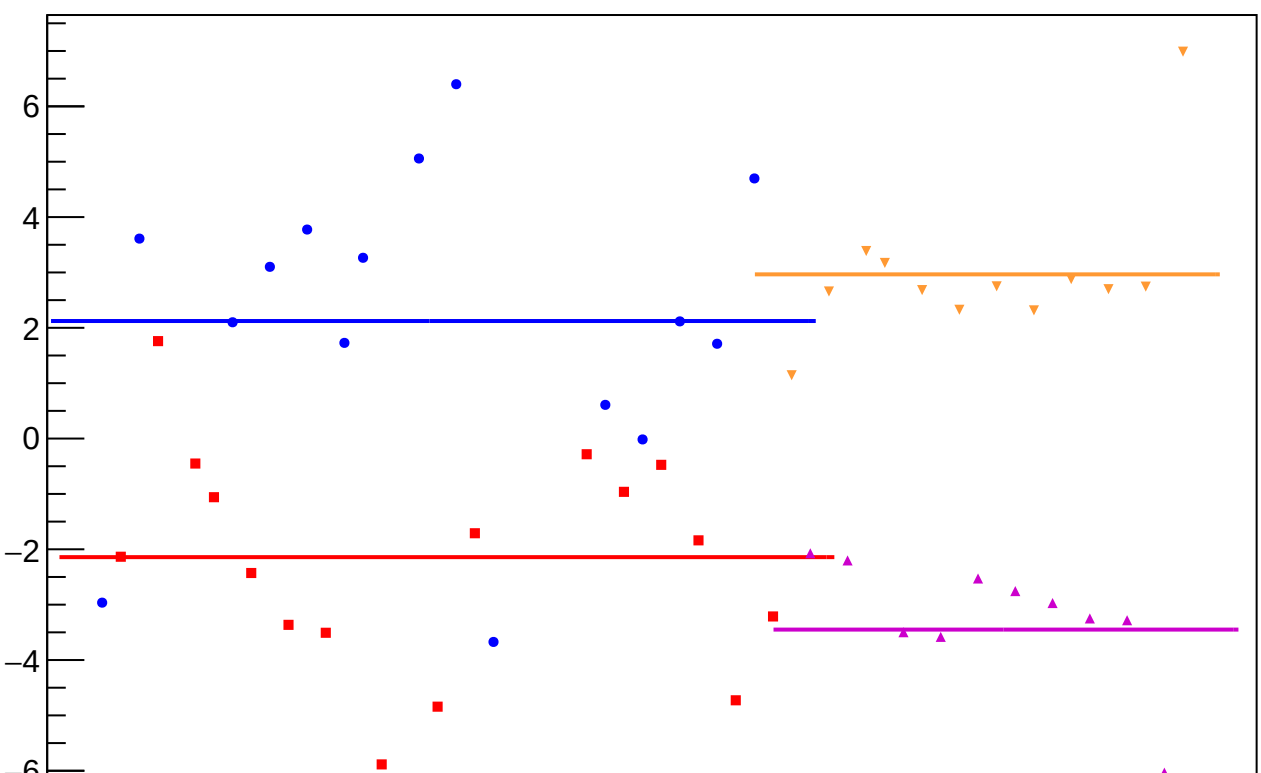
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 22154610760613794

Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569

Left Out: 2.966+/-0.000 χ^2/NDF:1657147599544170270871306245242880 0/11

In: -1.151+/-0.000 χ^2/NDF:186566302459324539

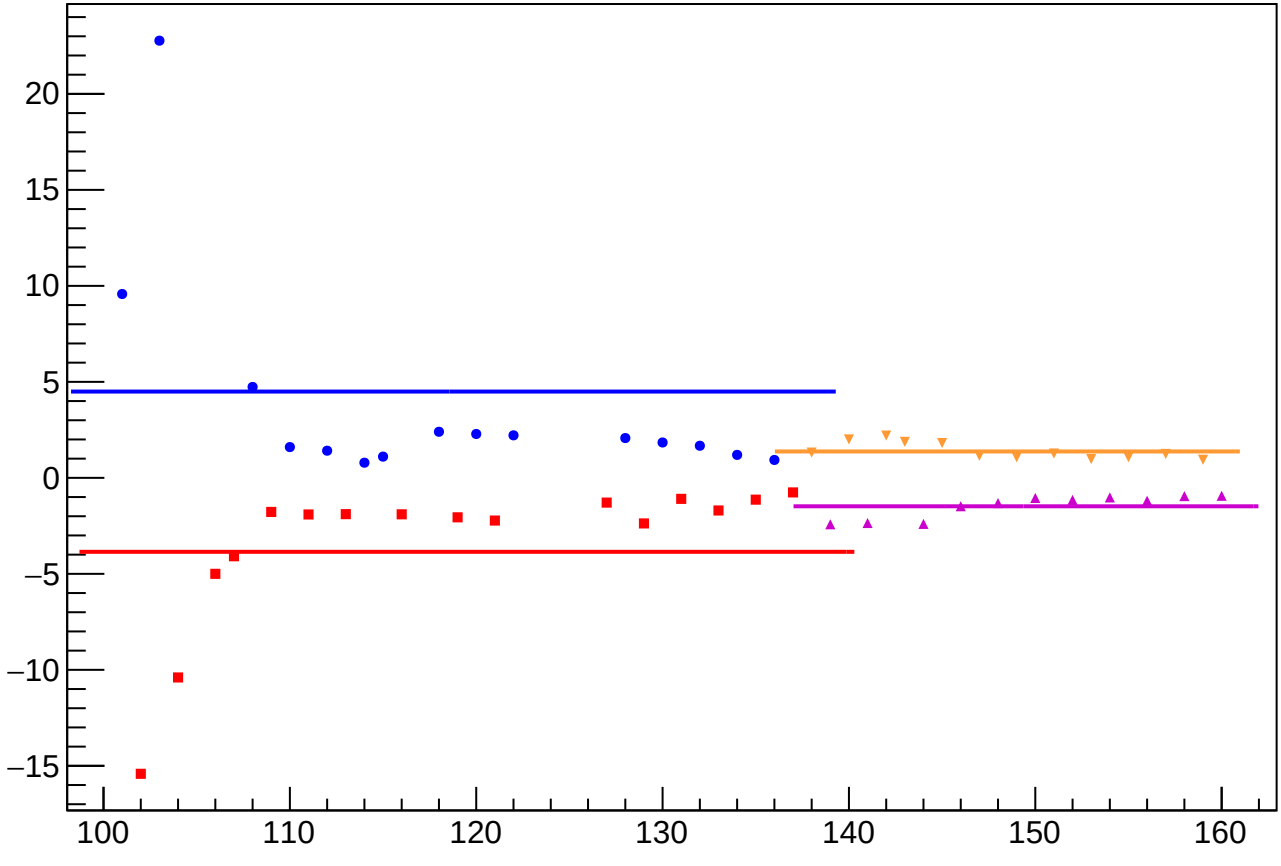
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

Out: 0.815+/-0.000 χ^2/NDF:14202640971771183

Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

All: -0.165+/-0.000 χ^2/NDF: 3590940357981

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.375+/-0.000 χ^2/NDF:1458241370571230983290321486479 36.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860 1728.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4211101506368407 8

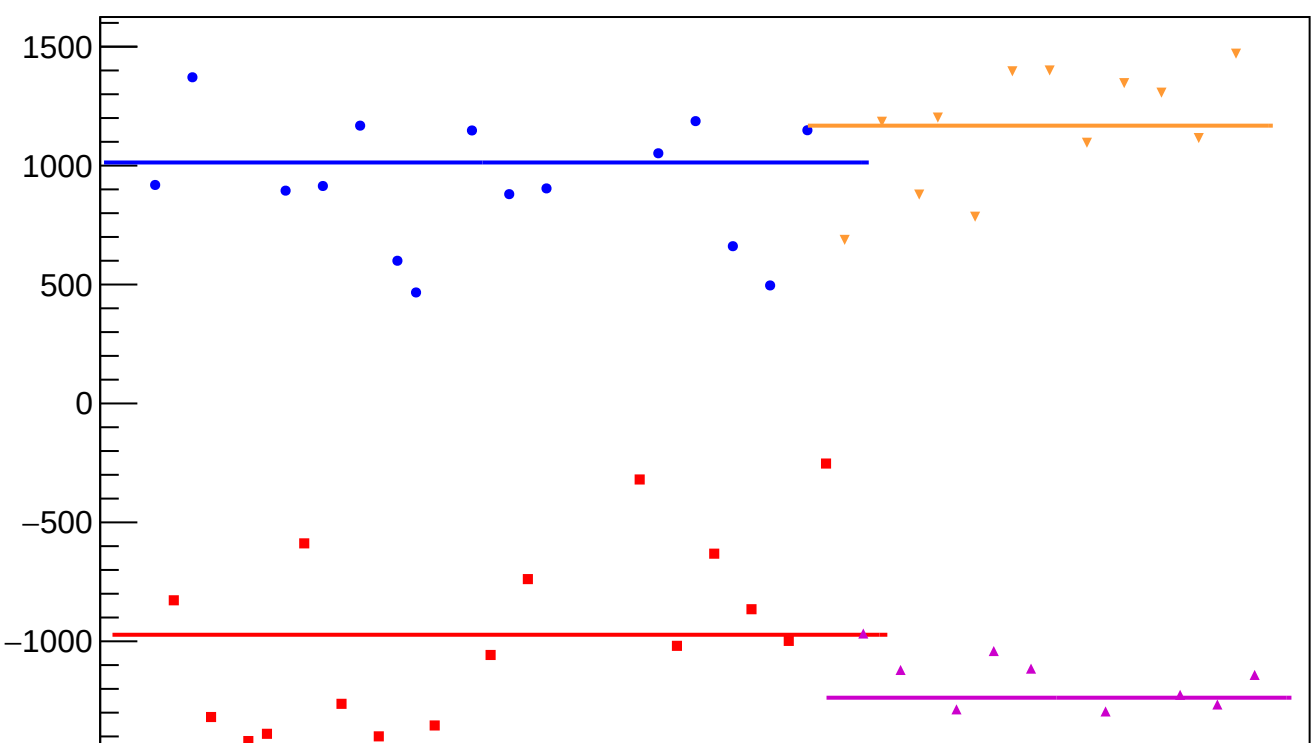
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.826+/-0.000 χ^2/NDF:2301068366113977 9

All: 0.076+/-0.000 χ^2/NDF: 6479710466676 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

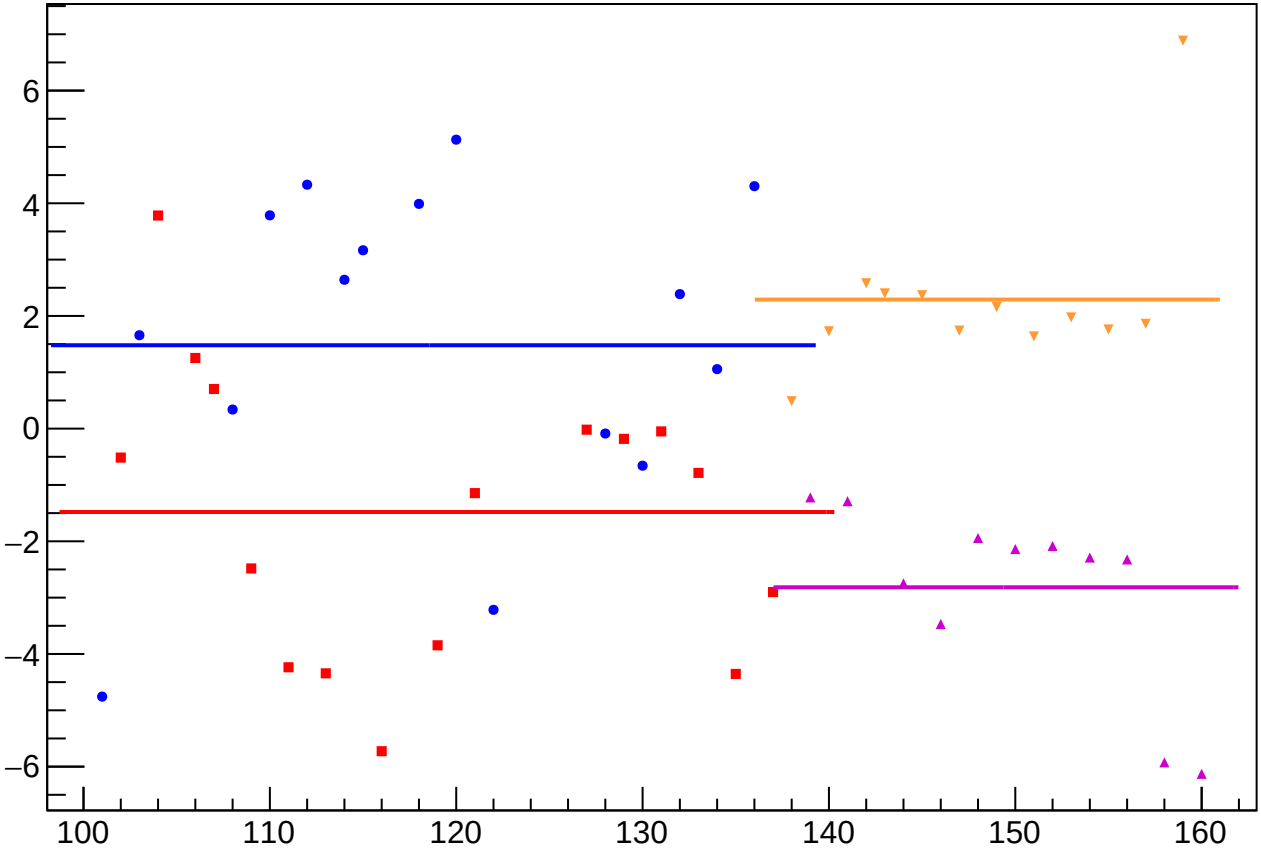
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16311566475145248

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.290+/-0.000 χ^2/NDF:207820393462333940746674150519603 2.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

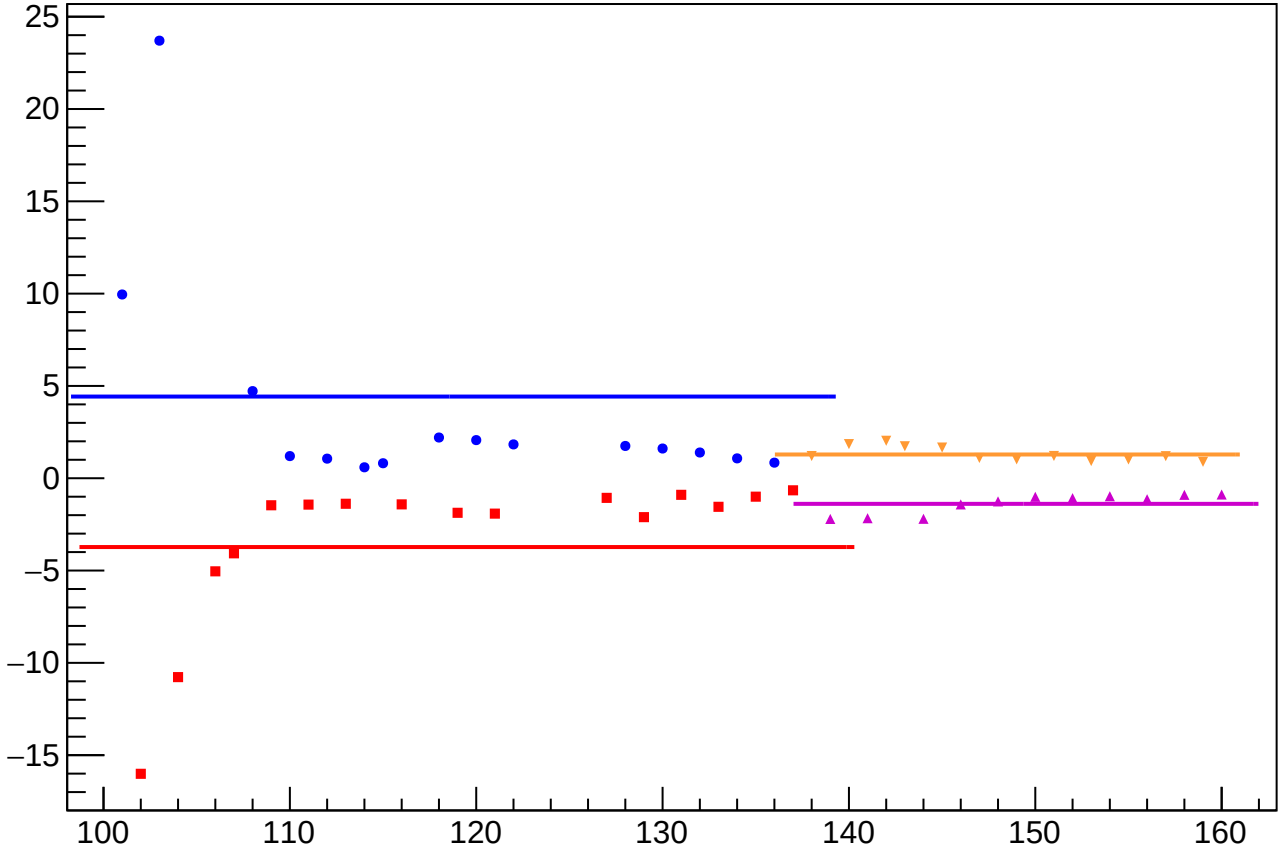
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.703+/-0.000 χ^2/NDF:116608474074647254

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.167+/-0.000 χ^2/NDF: 2913510232132

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.055+/-0.000 χ^2/NDF: 36513090822130209

Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

Left Out: 1.287+/-0.000 χ^2/NDF:115572710425974542014826355359744.0/11

In: 1.011+/-0.000 χ^2/NDF:413792347389337208

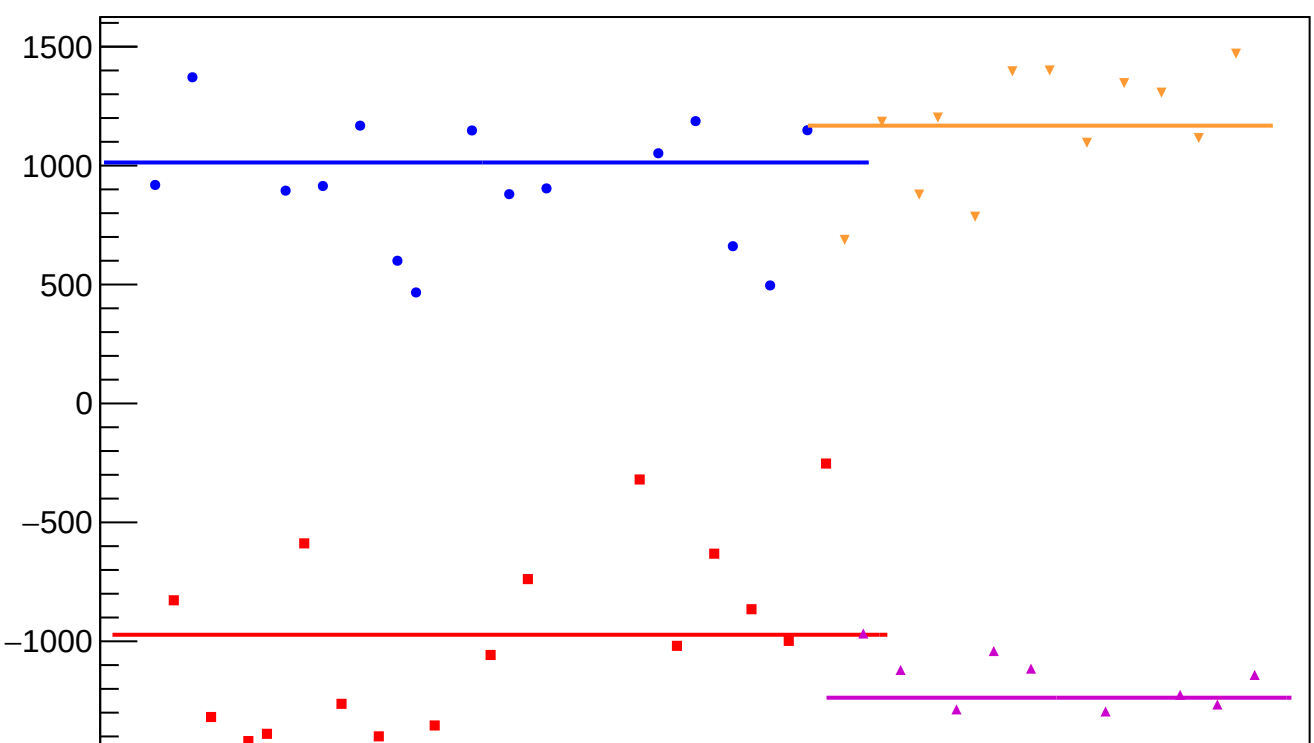
Right Out: -3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

Out: -0.825+/-0.000 χ^2/NDF:23813511461717298

Left In: -1.387+/-0.000 χ^2/NDF:24538120591373436894782956136038 4.0/10

All: 0.090+/-0.000 χ^2/NDF: 6785091509163

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

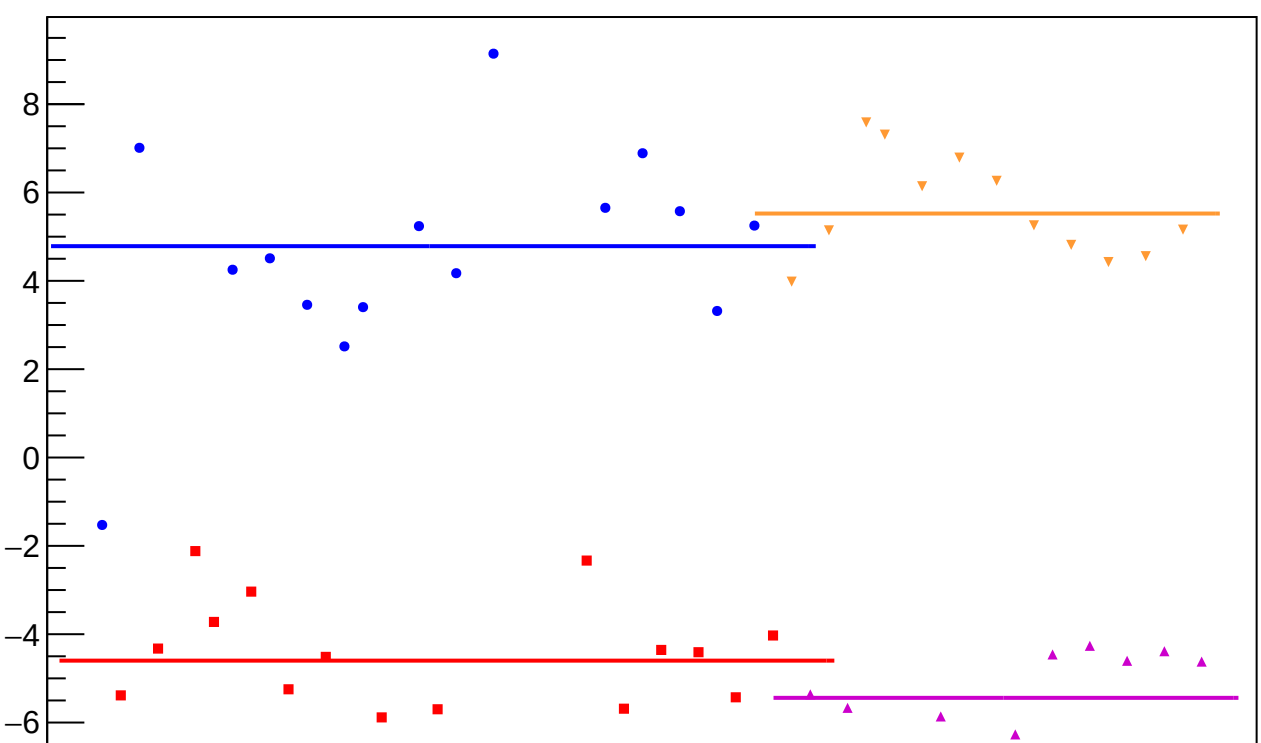
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4.0/14

Left Out: 5.524+/-0.000 χ^2/NDF:1037921325796141419900309275148288.0/11

Right Out: -4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10

Left: 0.021+/-0.000 χ^2/NDF: 573394436262416709

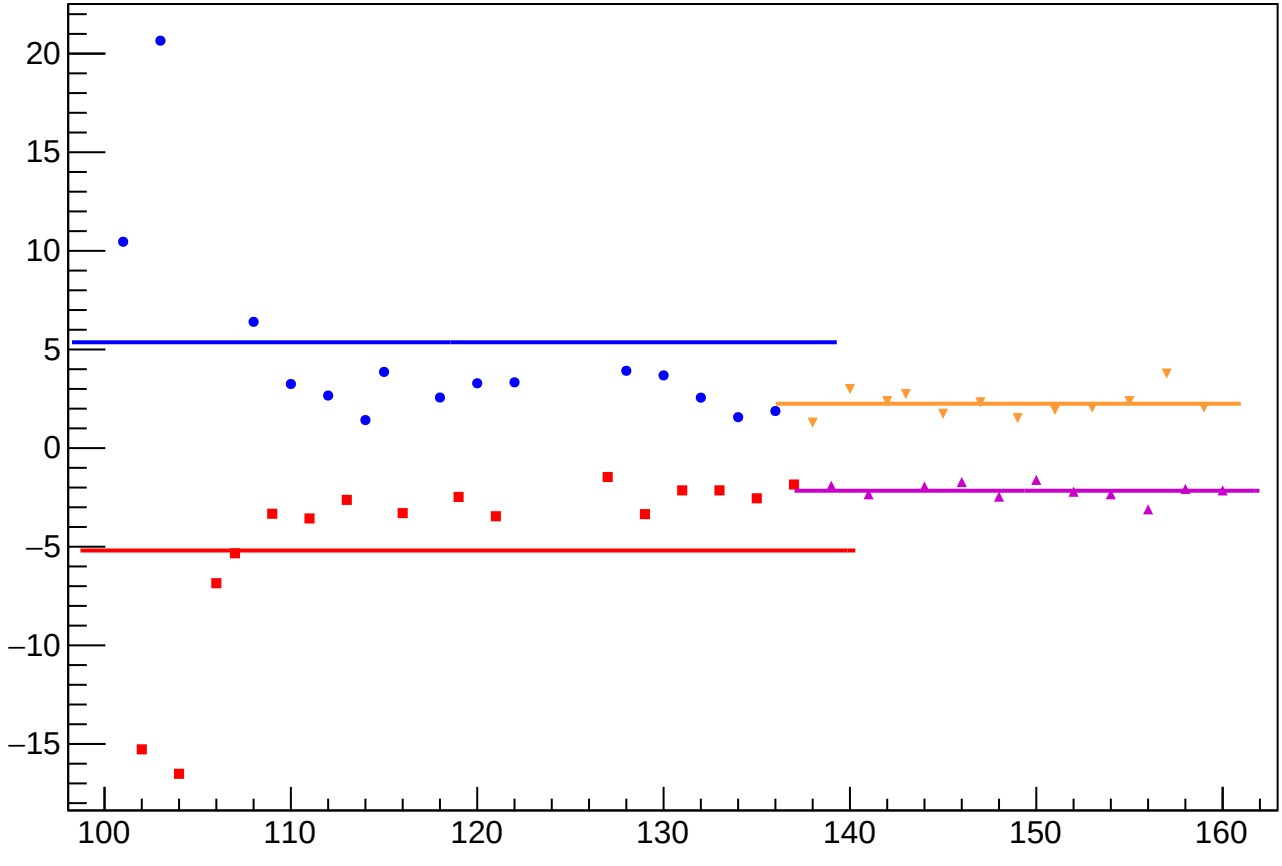
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2

In: -1.222+/-0.000 χ^2/NDF:448312824685683470

Out: 1.262+/-0.000 χ^2/NDF:415897232450065641

All: 0.024+/-0.000 χ^2/NDF: 9128806721402 5

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 950272728829768938

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.251+/-0.000 χ^2/NDF:4012149072617451650055666645370880.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

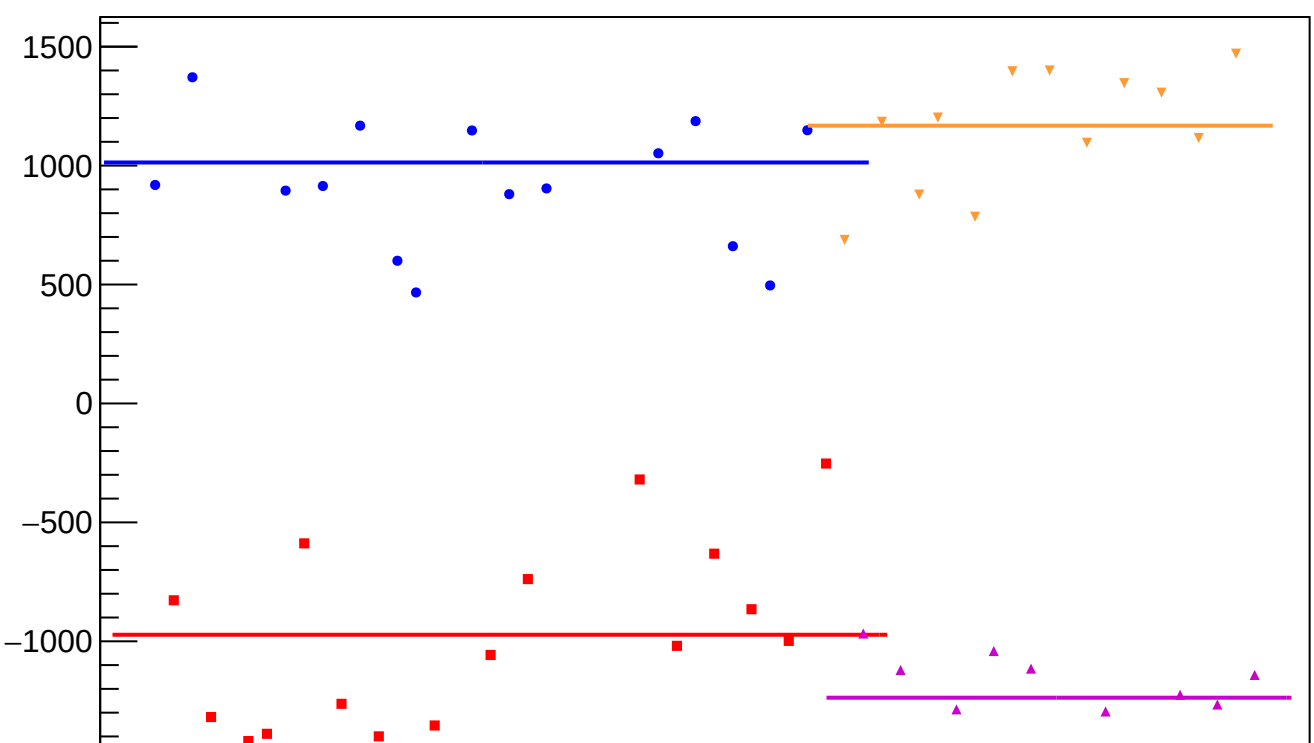
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

Out: -0.883+/-0.000 χ^2/NDF:3754577689592237 6

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8070250649078 2

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

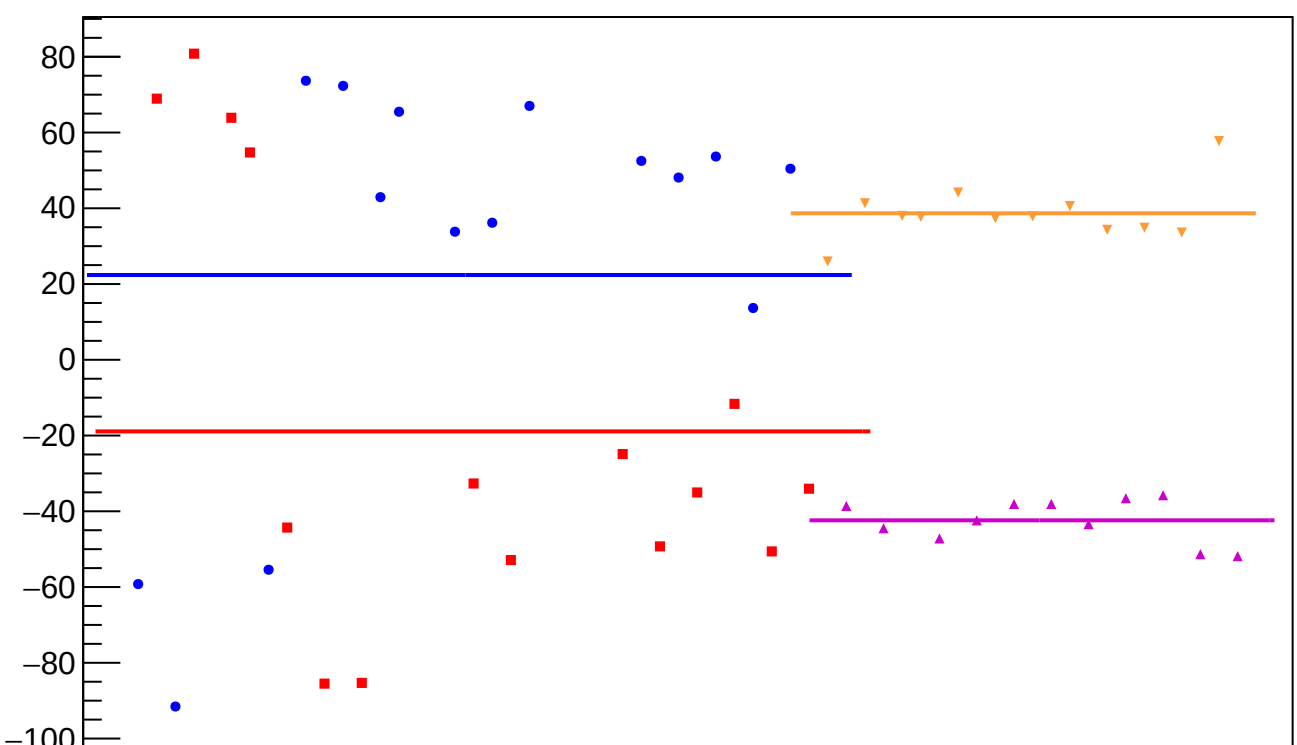
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

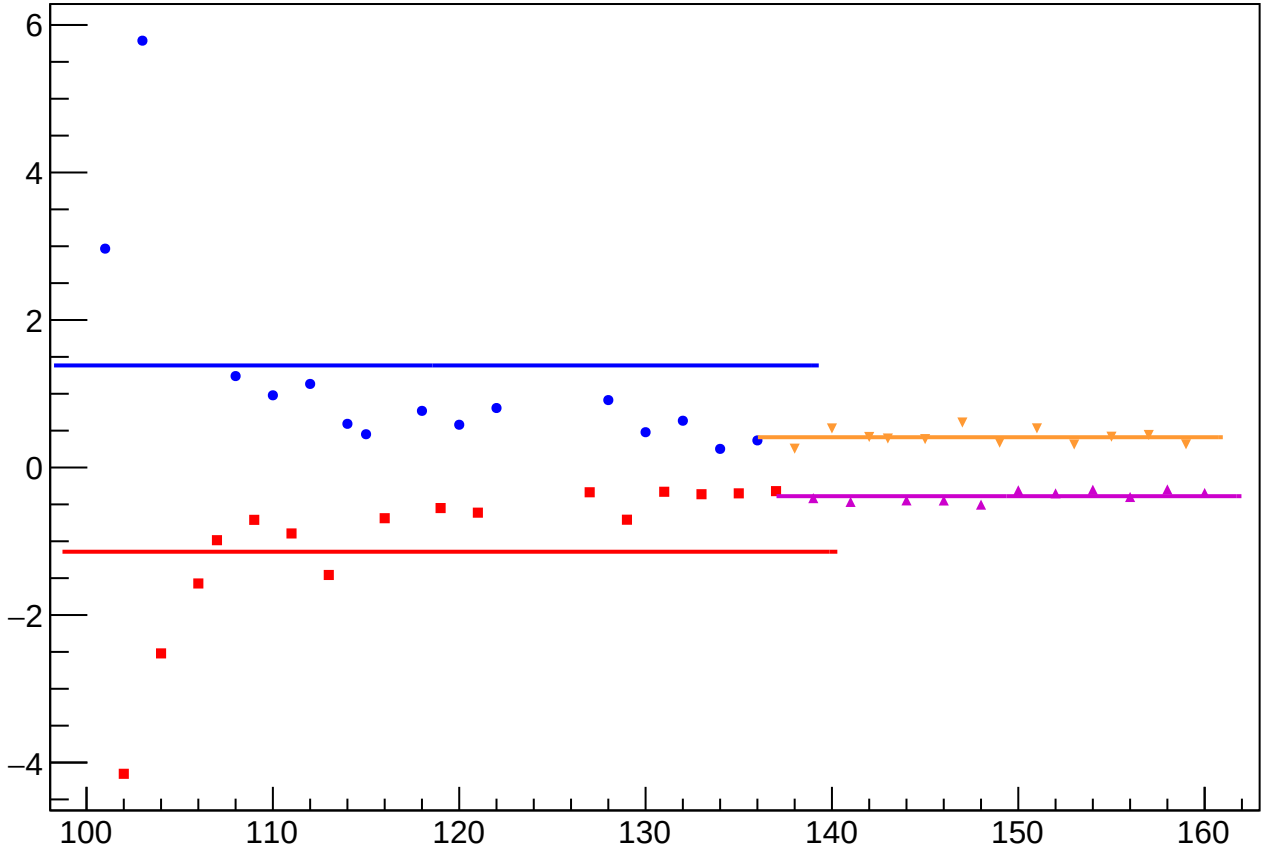
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.008+/-0.000 χ^2/NDF: 3101151247889971
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14
Right: 1.456+/-0.000 χ^2/NDF: 4665324367634426 7
Left Out: 38.679+/-0.000 χ^2/NDF:500758788978112734847872895371182 08.0/11
In: -15.663+/-0.000 χ^2/NDF:3548177863491728 1
Right Out: -18.907+/-0.000 χ^2/NDF: 2182221808408156293593993992757837824.0/15
Out: 14.430+/-0.000 χ^2/NDF:3512784918631230 1
Left In: -42.386+/-0.000 χ^2/NDF:2655566012856298655301692748621414 4.0/10
All: -0.564+/-0.000 χ^2/NDF: 7775684601059

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30803391704531588

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.411+/-0.000 χ^2/NDF:9428610492078012186649224544256.0/11

In: 0.343+/-0.000 χ^2/NDF:2773530065340727089

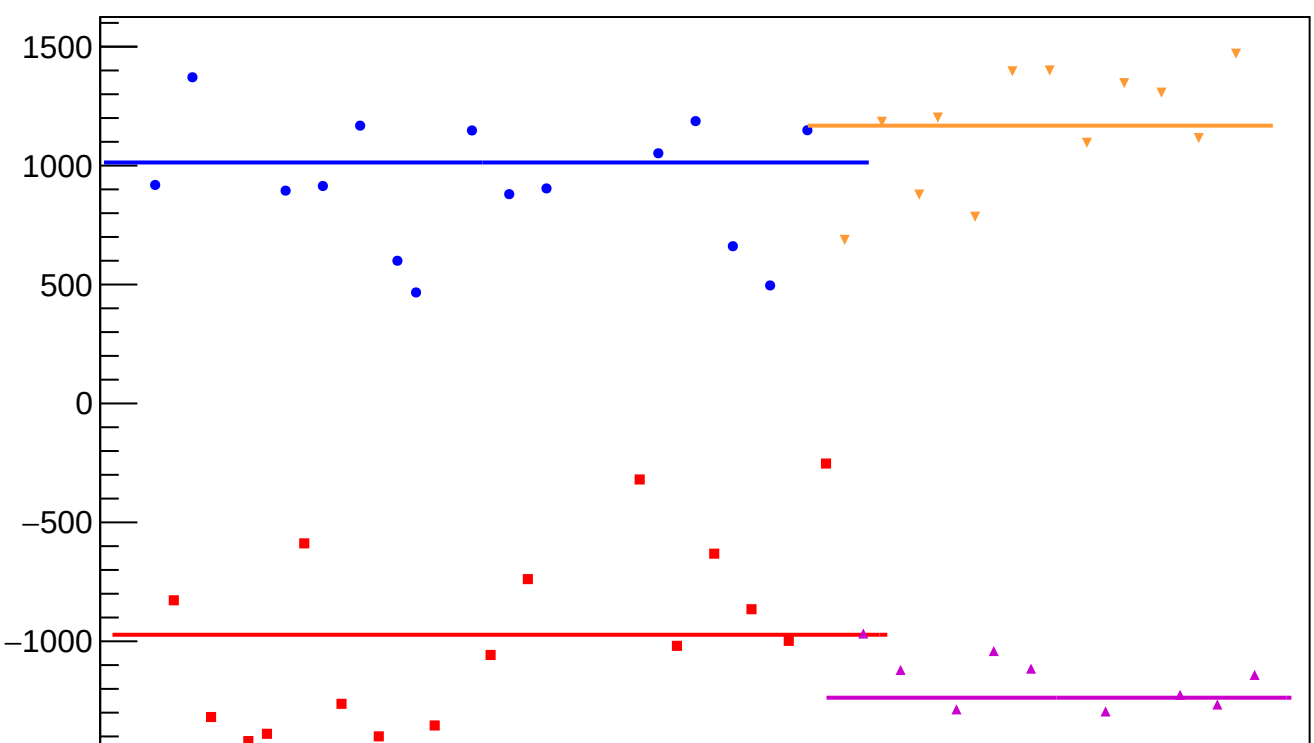
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:1750878905218747 0

Left In: -0.389+/-0.000 χ^2/NDF:4468112130112640641394154668032.0/10

All: 0.049+/-0.000 χ^2/NDF: 4795150144760 7

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

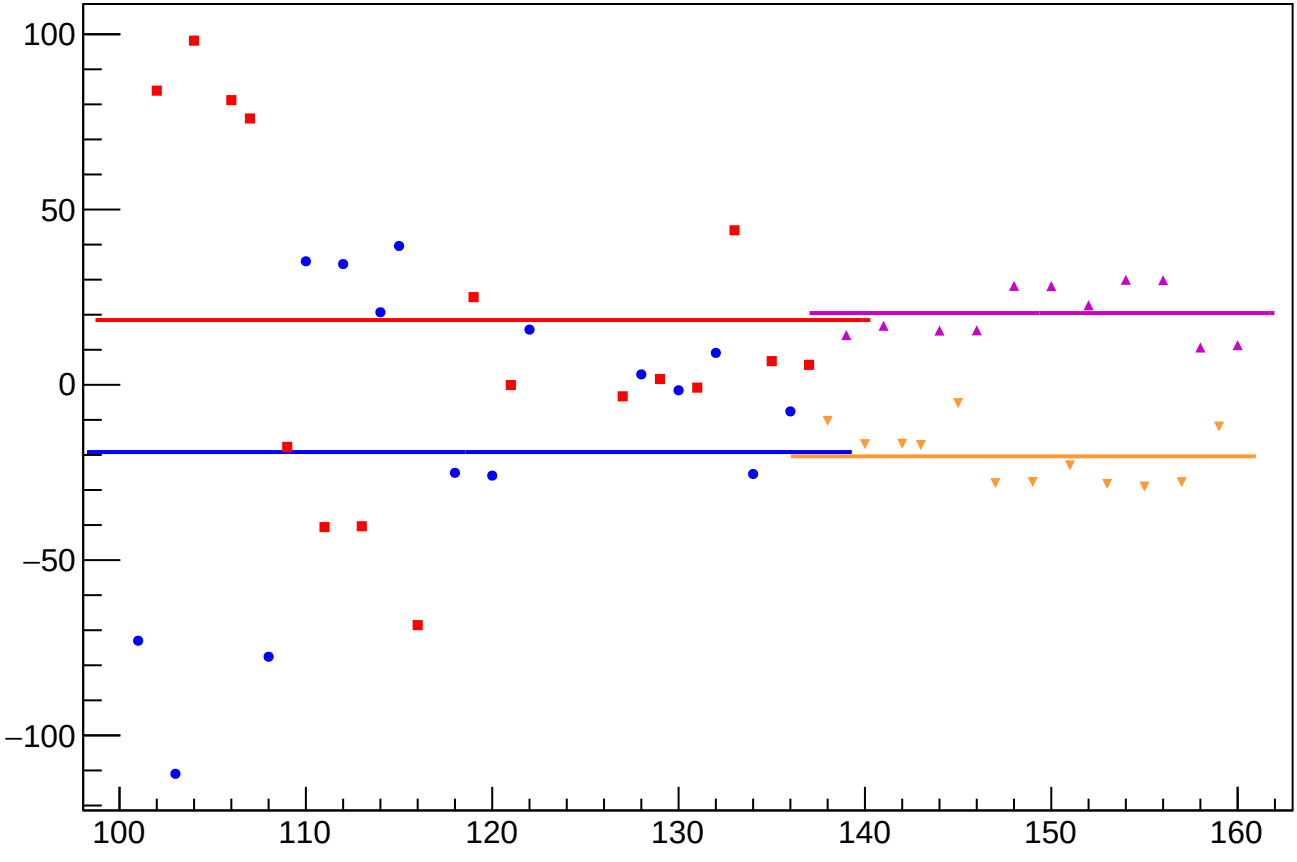
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 87711770003502478

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.399+/-0.000 χ^2/NDF:5979587484613201607462578639654092 8.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

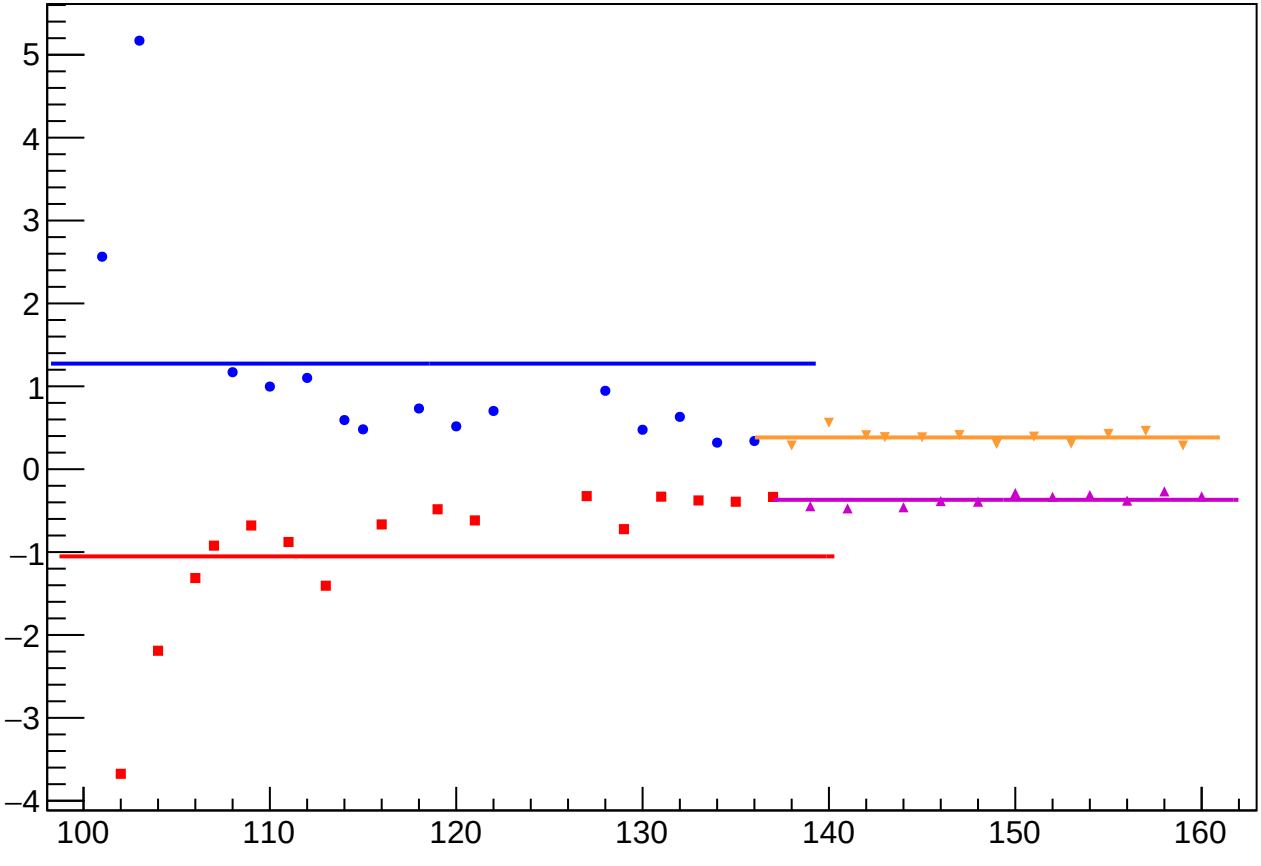
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.028+/-0.000 χ^2/NDF:21328298353726143

Left In: 20.473+/-0.000 χ^2/NDF:484849533633498201103484789373009 92.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079295578593

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 27052146474179585

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468

Left Out: 0.383+/-0.000 χ^2/NDF:58049055504205289104265277603 84.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780

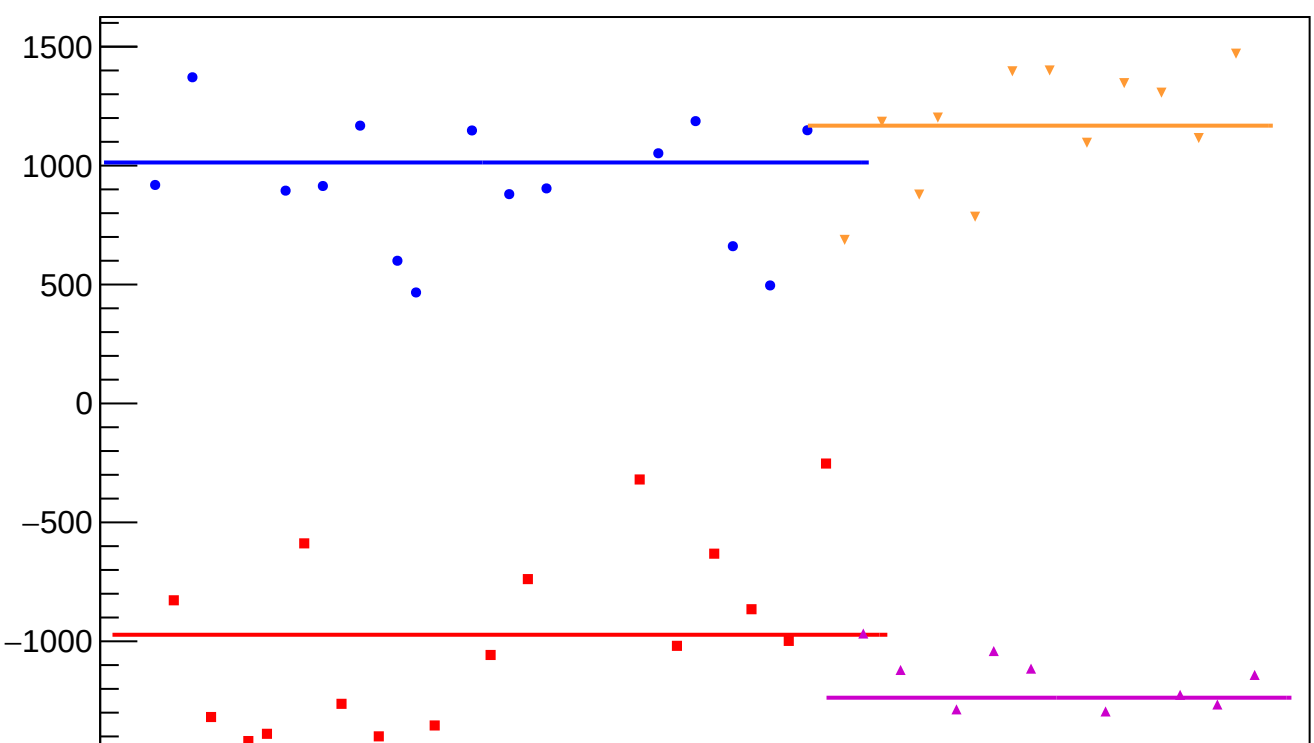
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.221+/-0.000 χ^2/NDF:14081915180043032

Left In: -0.369+/-0.000 χ^2/NDF:41663506388481386767078161 12128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875429201938

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

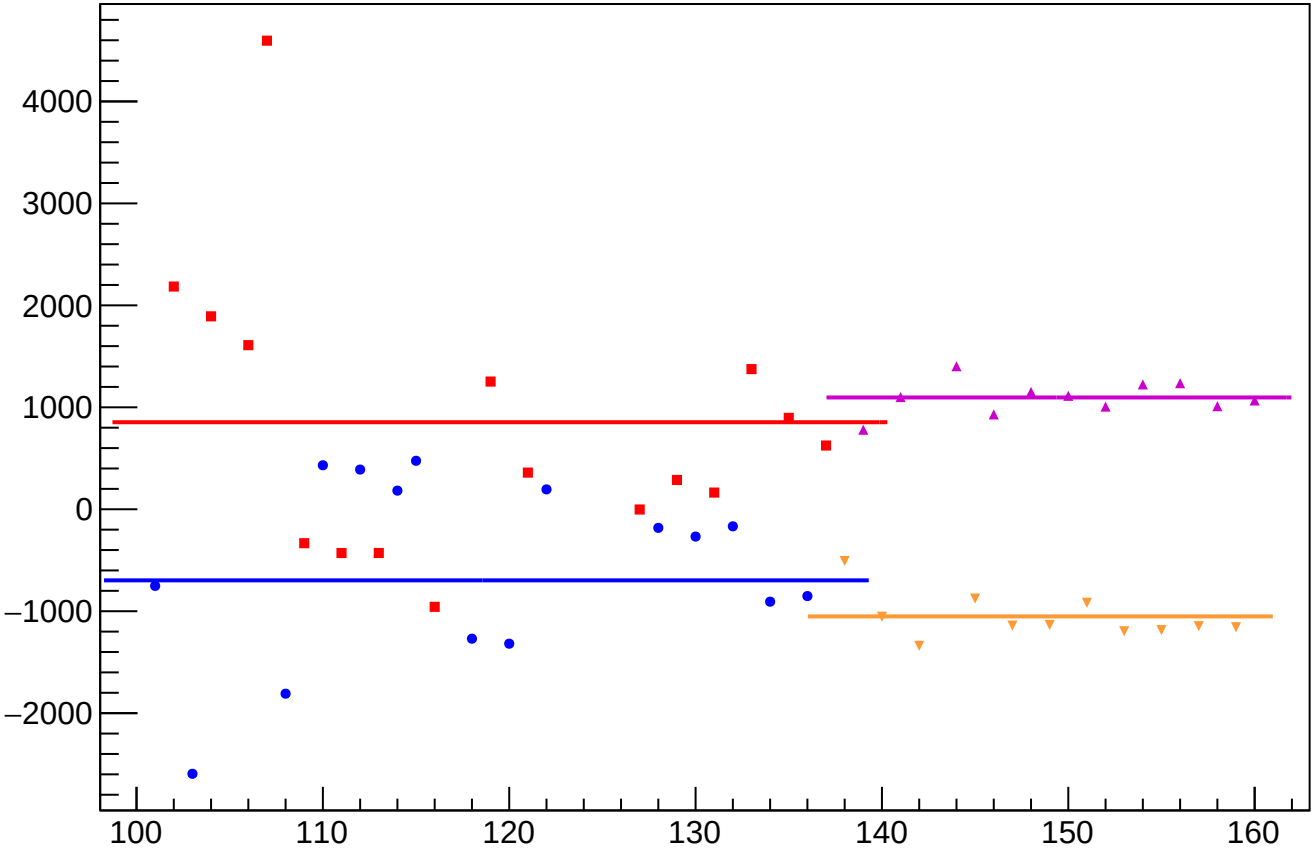
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

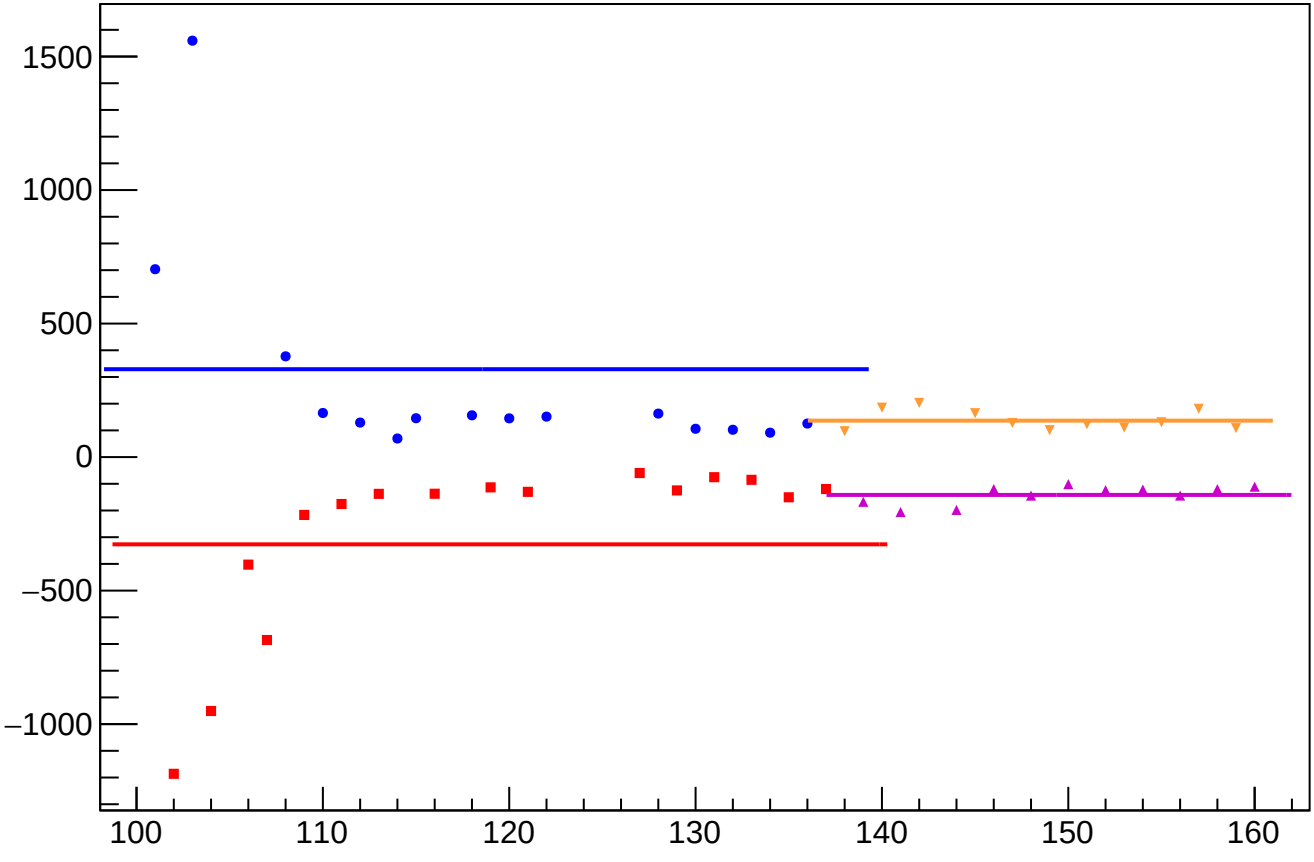
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_usl_coil6_mean vs Slug, Sign Corrected



Left: 67.567+/-0.000 χ^2/NDF: 21019070603536878
Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1050.953+/-0.000 χ^2/NDF:36829070766461393403765229942747430912.0/10
In: 356.413+/-0.000 χ^2/NDF:17405137132721450
Right Out: 853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176691 2.0/15
Out: -213.493+/-0.000 χ^2/NDF:247104056165344
Left In: 1096.508+/-0.000 χ^2/NDF:233970924640850923750080146745579274 24.0/10
All: 76.624+/-0.000 χ^2/NDF: 4462374559981

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.382+/-0.000 χ^2/NDF: 36300457914092733

Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126

Left Out: 136.529+/-0.000 χ^2/NDF:986372818283314141100082094359445504.0/10

In: 52.557+/-0.000 χ^2/NDF:20240803637991835

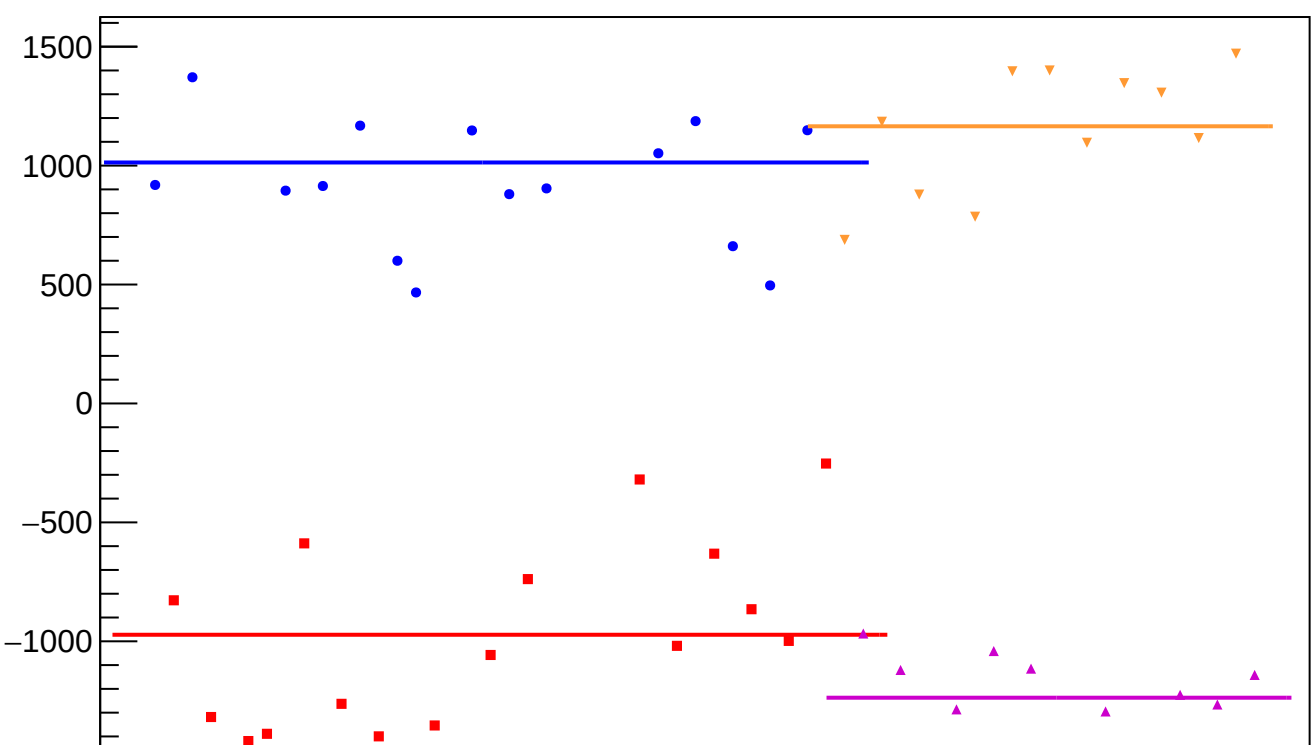
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15

Out: -67.143+/-0.000 χ^2/NDF:1687492144222724

Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10

All: -6.209+/-0.000 χ^2/NDF: 3822219588466

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1165.293+/-0.000 χ^2/NDF:5452652645472732695761949382749559193 6.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -86.036+/-0.000 χ^2/NDF: 2640160013842335

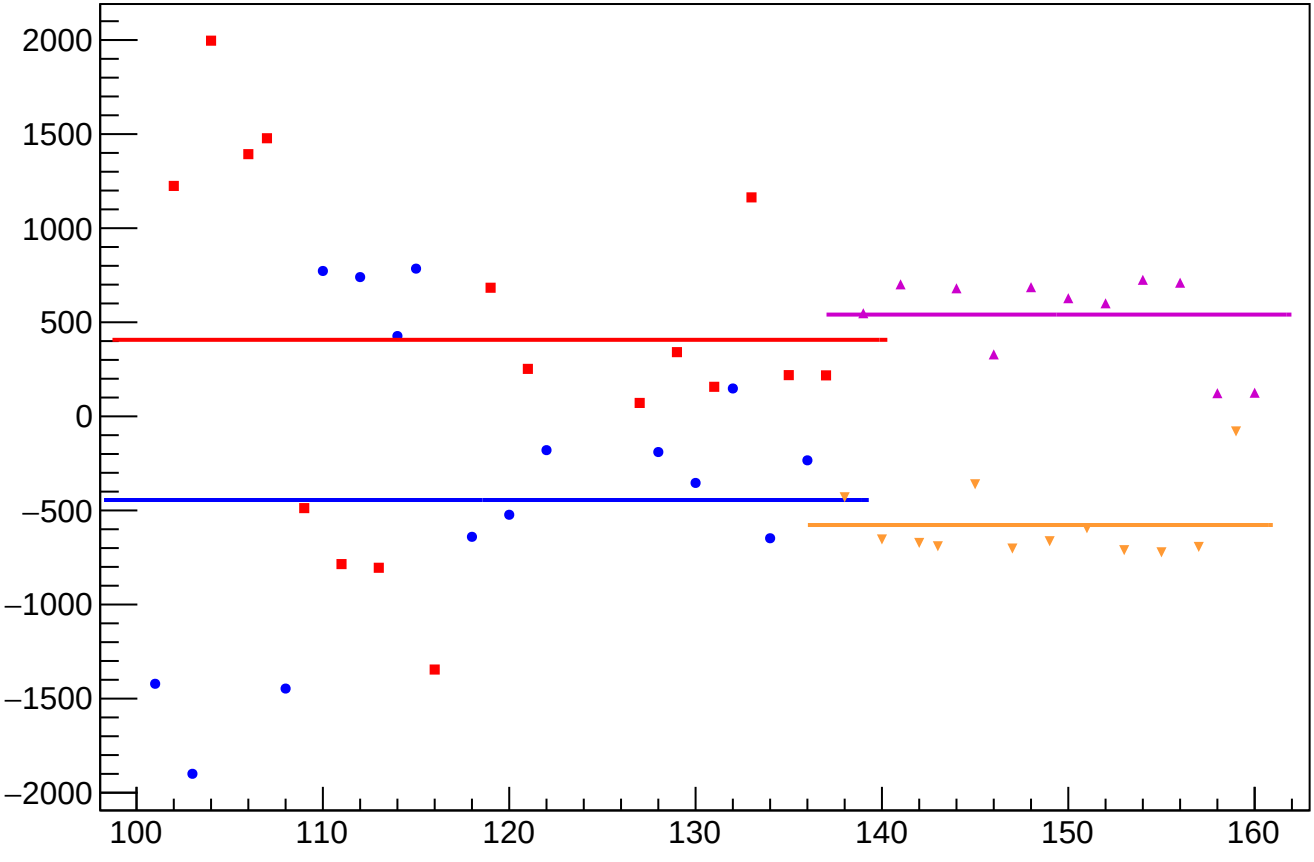
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 225.356+/-0.000 χ^2/NDF:184136487145433 2

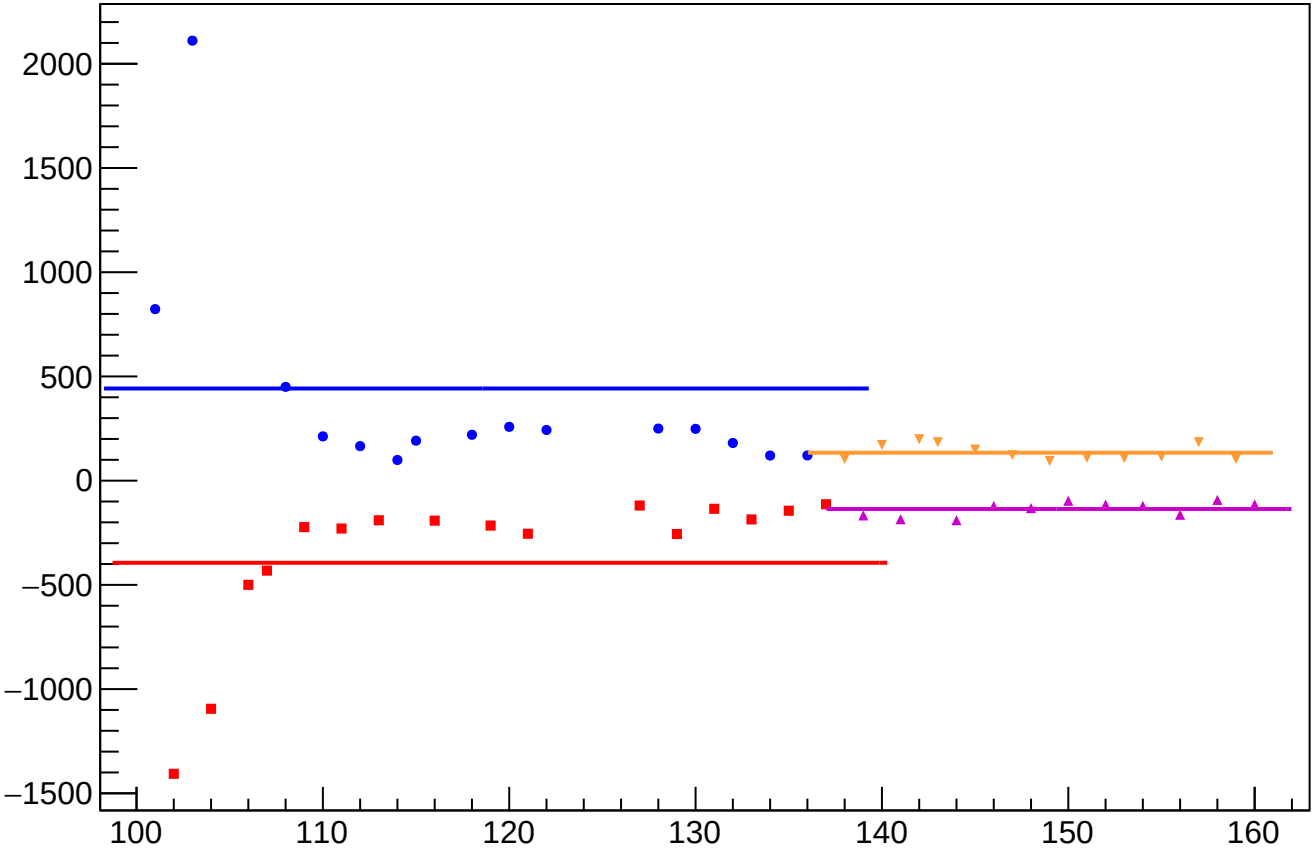
All: -46.515+/-0.000 χ^2/NDF: 405416159509

dit_usr_coil6_mean vs Slug, Sign Corrected



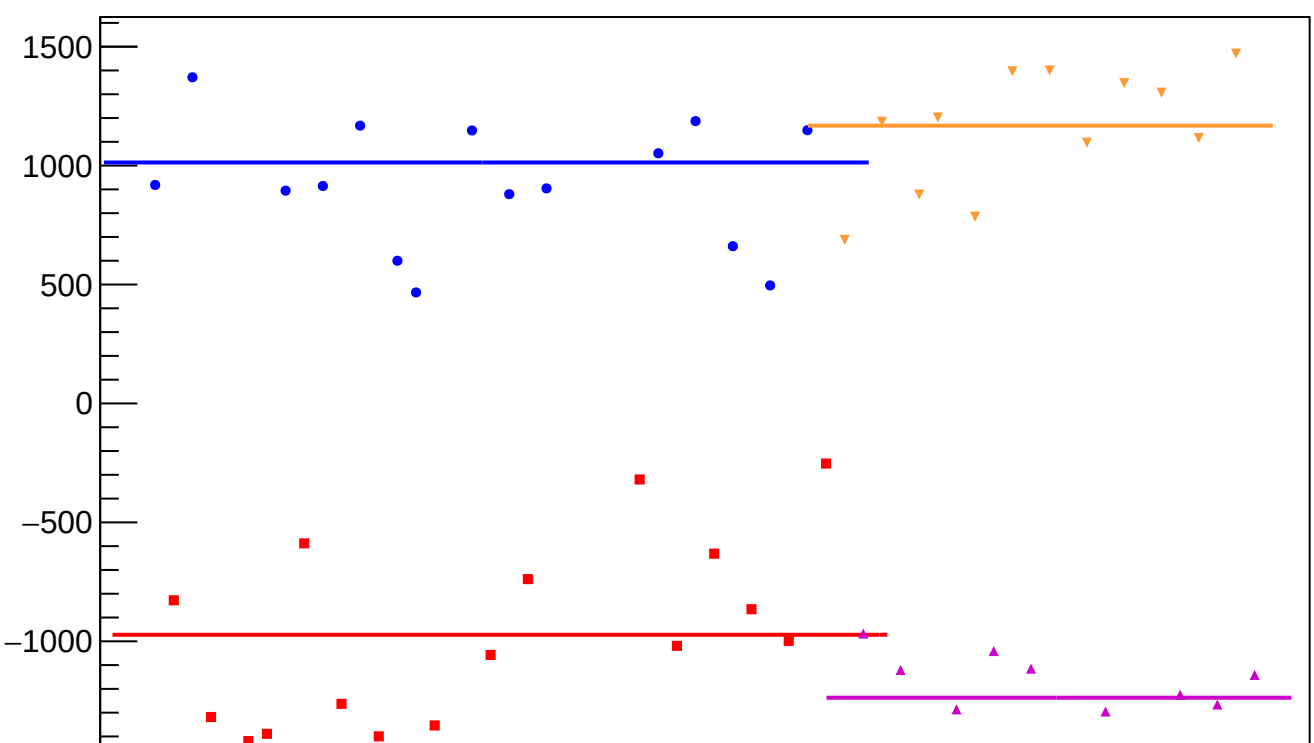
Left: -16.142+/-0.000 χ^2/NDF: 6513466746127000
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -577.377+/-0.000 χ^2/NDF:331819834558311535858388162900435927 04.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -162.984+/-0.000 χ^2/NDF:936263608973965
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.861+/-0.000 χ^2/NDF: 181531095518

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.473+/-0.000 χ^2/NDF: 35711226201066050
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.122+/-0.000 χ^2/NDF:110815029602817858746334247645505126 4.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218 2
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.277+/-0.000 χ^2/NDF:2147026412084769
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.789+/-0.000 χ^2/NDF: 5759125862405 7

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

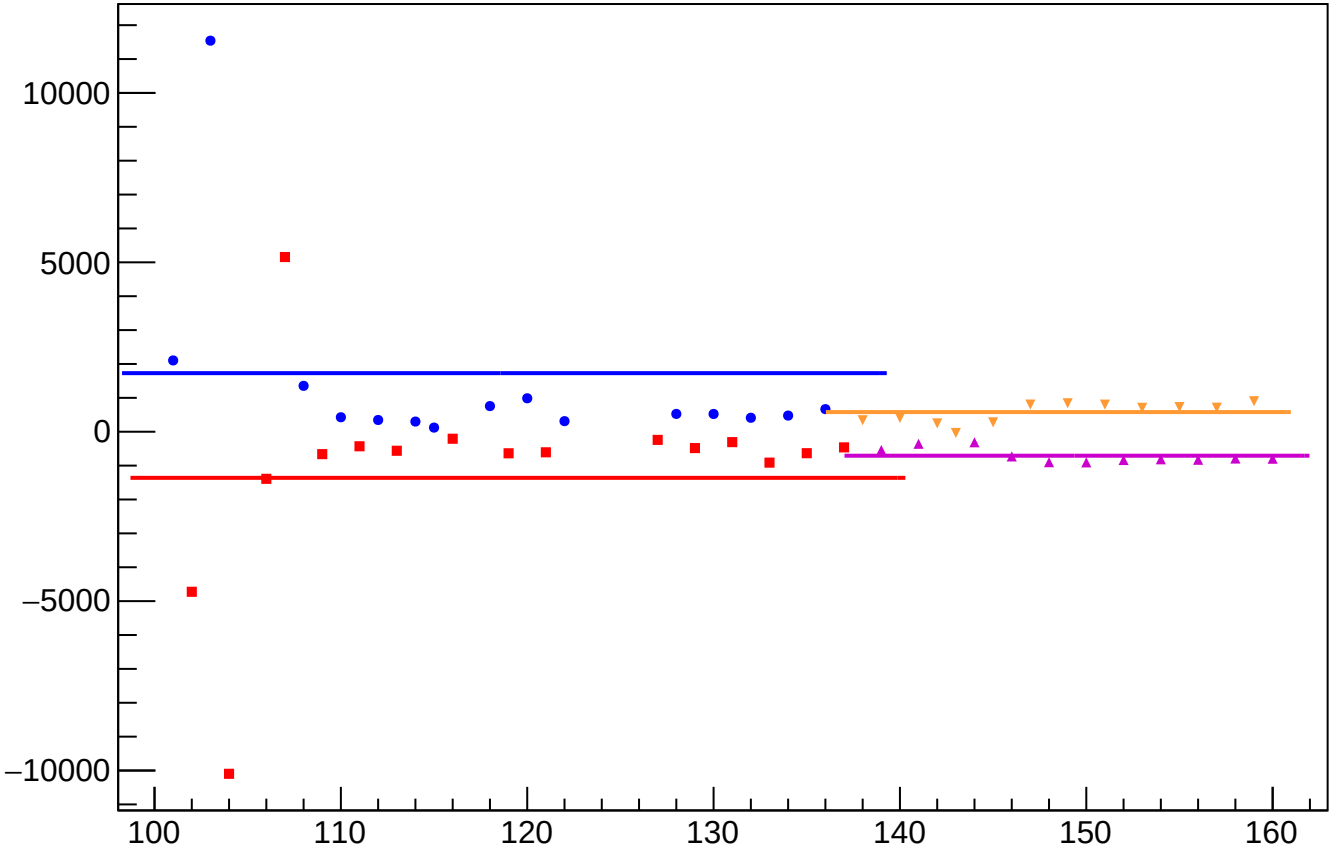
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.269+/-0.000 χ^2/NDF: 8726546360279991

Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14

Right: 162.918+/-0.000 χ^2/NDF: 159853161210173

Left Out: 580.248+/-0.000 χ^2/NDF:7085797843407662400942997921272850022 4.0/11

In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3

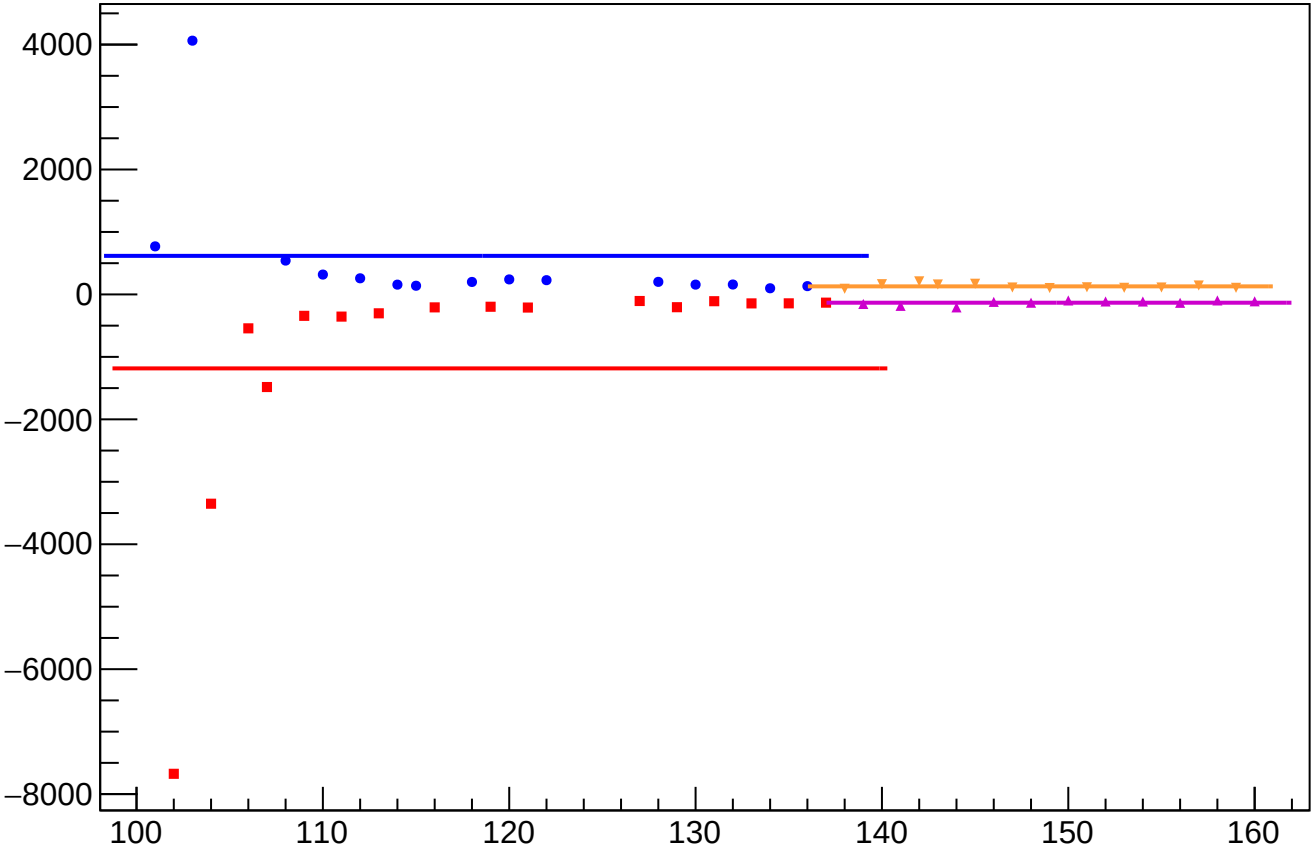
Right Out: -1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617446 4.0/15

Out: -237.148+/-0.000 χ^2/NDF:795746504420741

Left In: -707.889+/-0.000 χ^2/NDF:381164861888179806990324260024321310 72.0/10

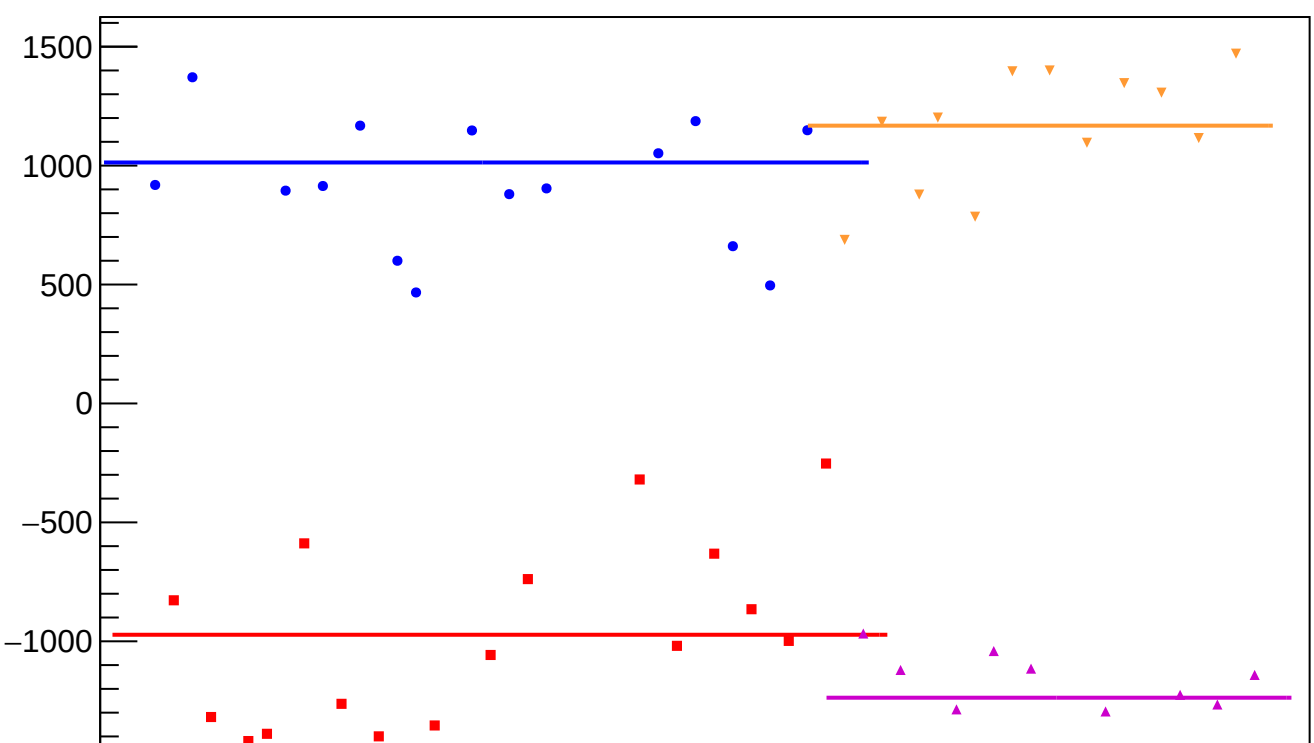
All: 29.268+/-0.000 χ^2/NDF: 1689828119221

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.474+/-0.000 χ^2/NDF: 3357943194204902
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
Right: -295.811+/-0.000 χ^2/NDF: 50275218393015
Left Out: 128.916+/-0.000 χ^2/NDF:9464462818899964107363355906193489 92.0/11
In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
Out: -424.070+/-0.000 χ^2/NDF:383429647760735
Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10
All: -124.752+/-0.000 χ^2/NDF: 51271351902

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

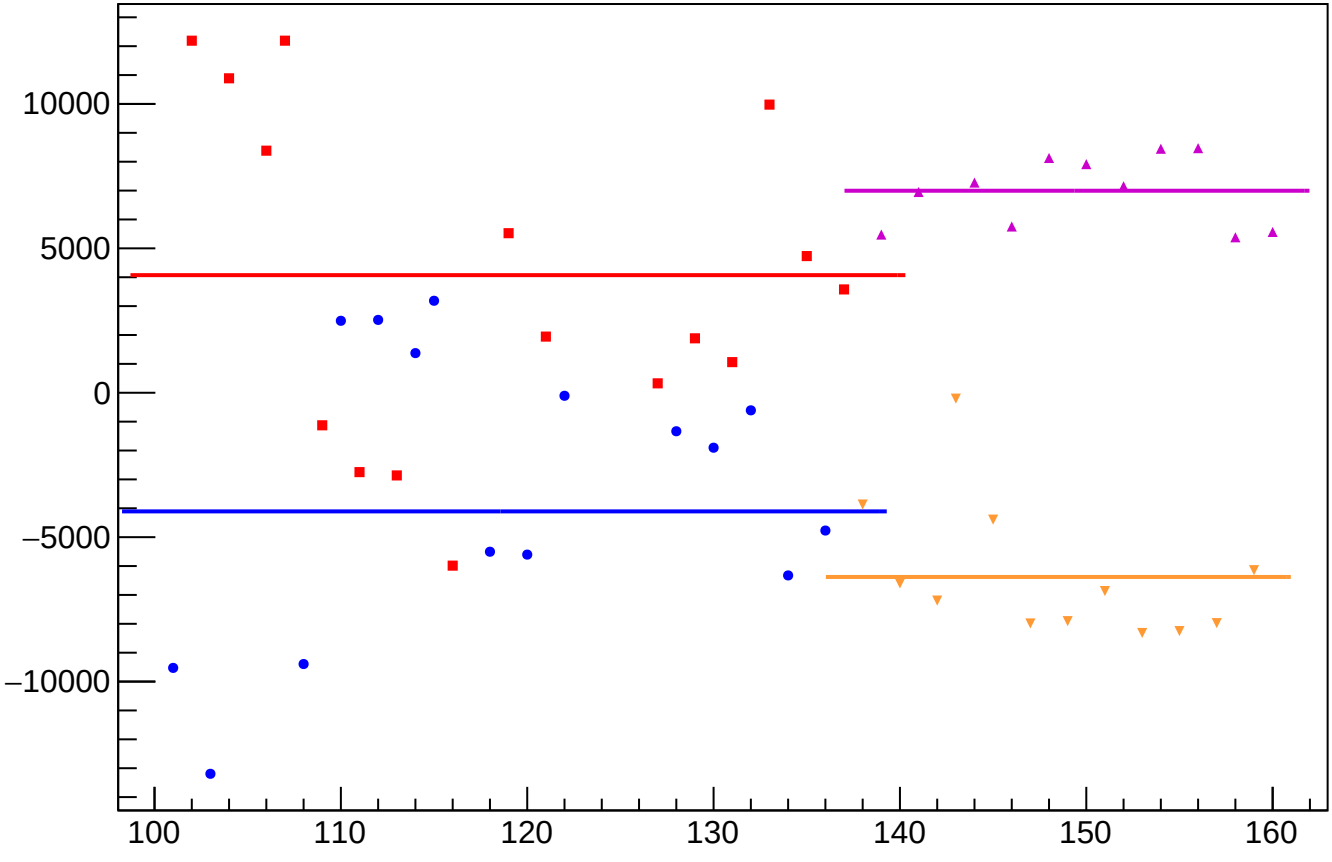
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

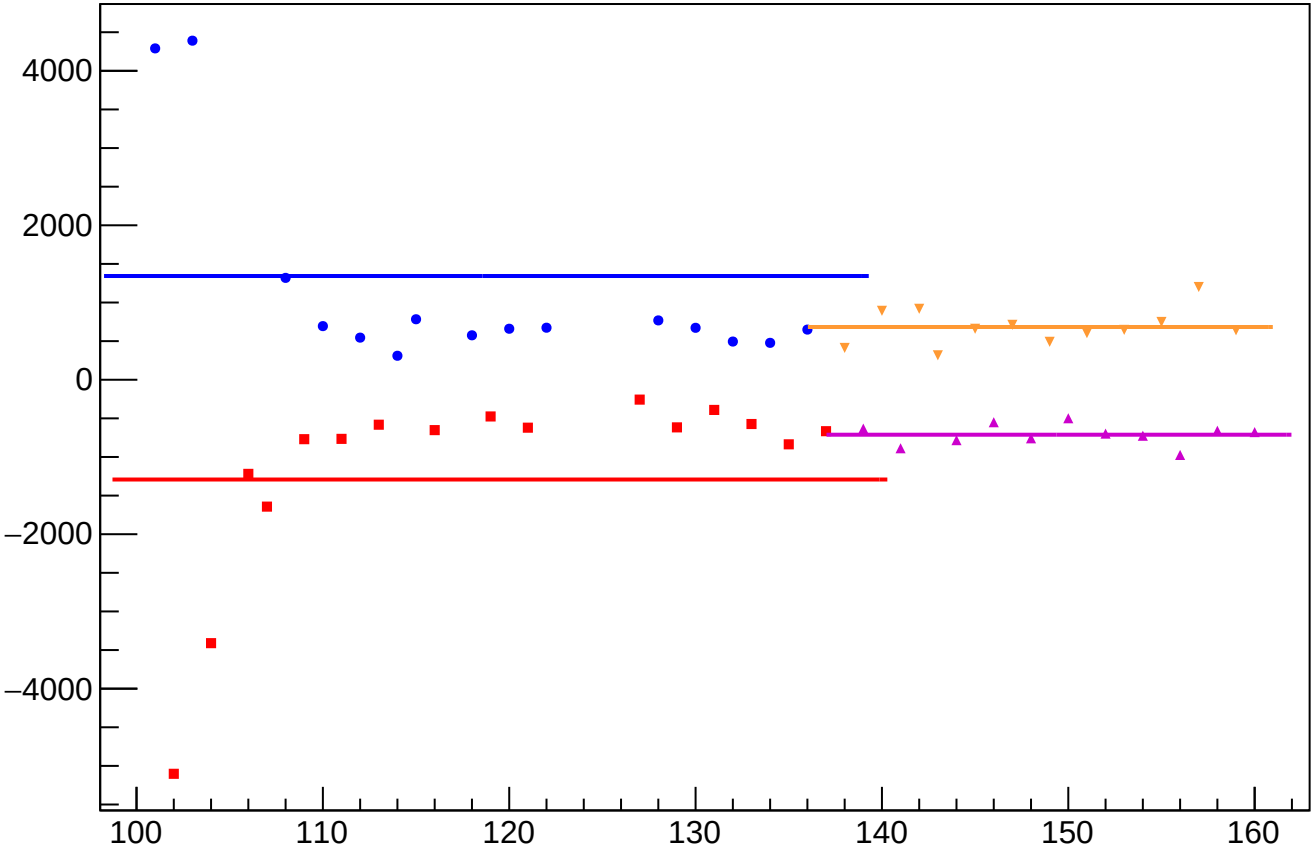
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atl2_coil6_mean vs Slug, Sign Corrected



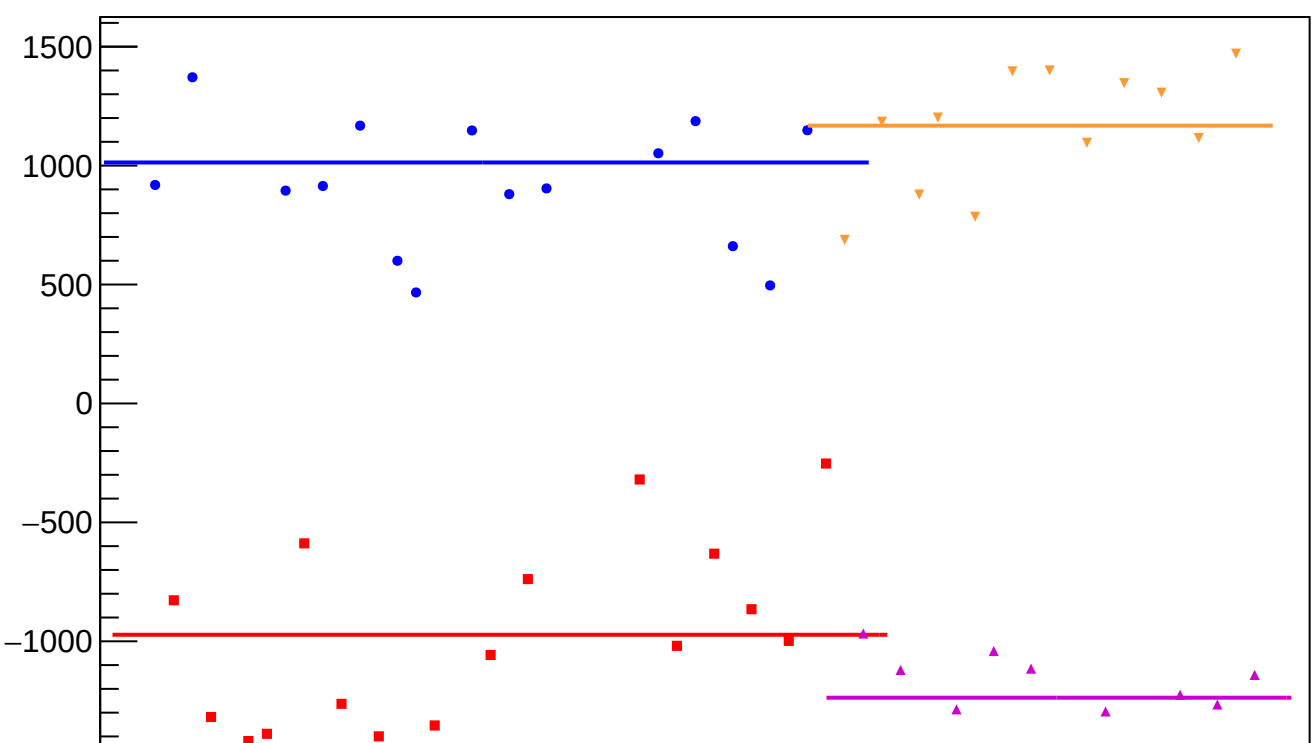
Left: 333.844+/-0.000 χ^2/NDF: 8816027635045107
Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14
Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786
Left Out: -6377.972+/-0.000 χ^2/NDF:462259115495458827520769352633359427174 4.0/11
In: 2414.162+/-0.000 χ^2/NDF:6274970680925114
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15
Out: -1977.586+/-0.000 χ^2/NDF:67157489974478
Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10
All: 210.636+/-0.000 χ^2/NDF: 14512963200 4

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -16.982+/-0.000 χ^2/NDF: 9576304721385897
Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14
Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230
Left Out: 683.065+/-0.000 χ^2/NDF:46379995695844949663521519572812300288.0/11
In: 136.160+/-0.000 χ^2/NDF:2943372362818716
Right Out: -1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15
Out: -148.521+/-0.000 χ^2/NDF:287590871599294
Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10
All: -6.676+/-0.000 χ^2/NDF: 588324395867 0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

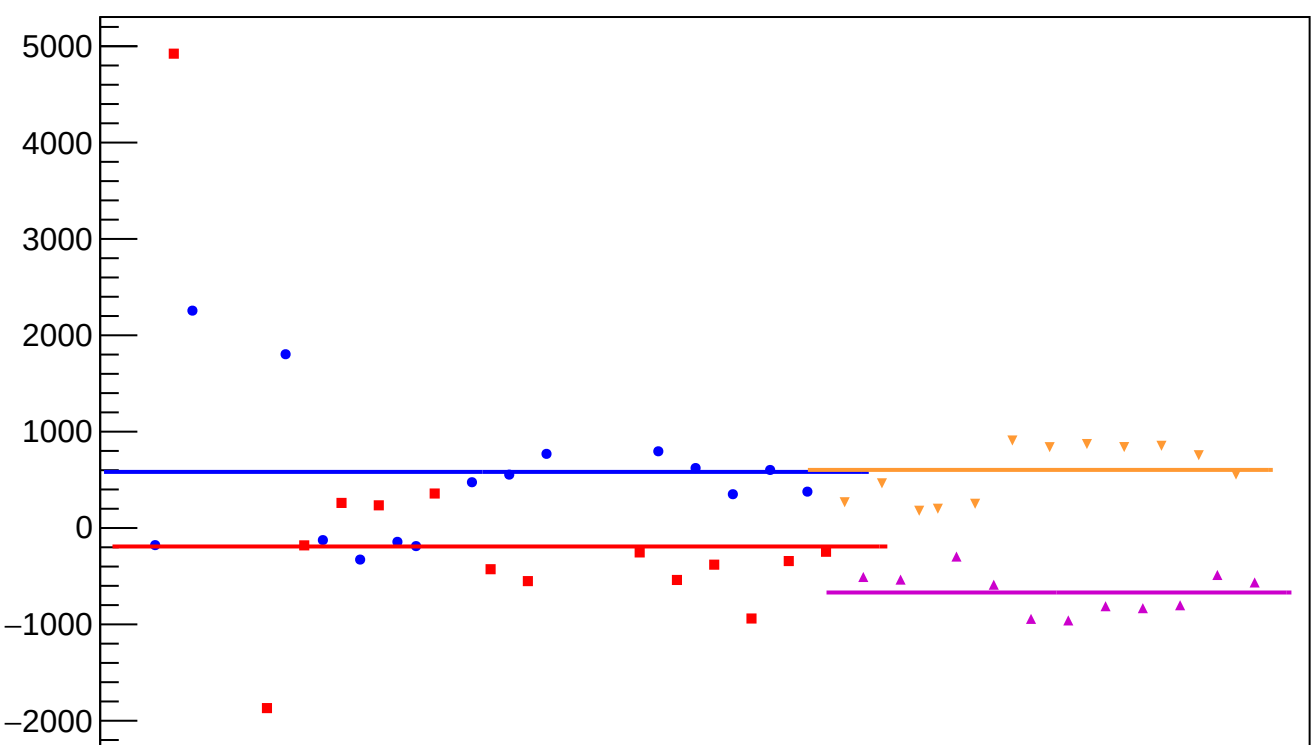
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

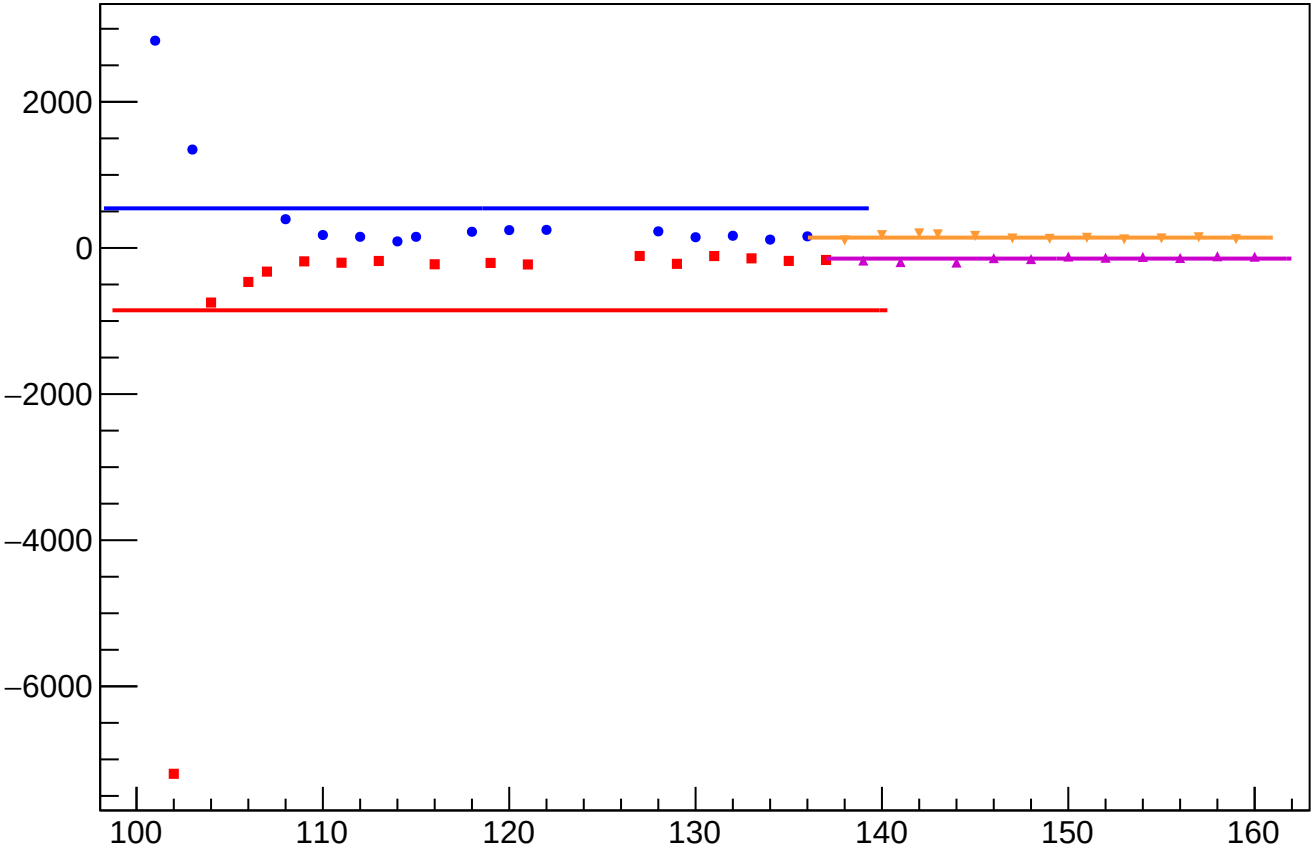
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atr1_coil6_mean vs Slug, Sign Corrected



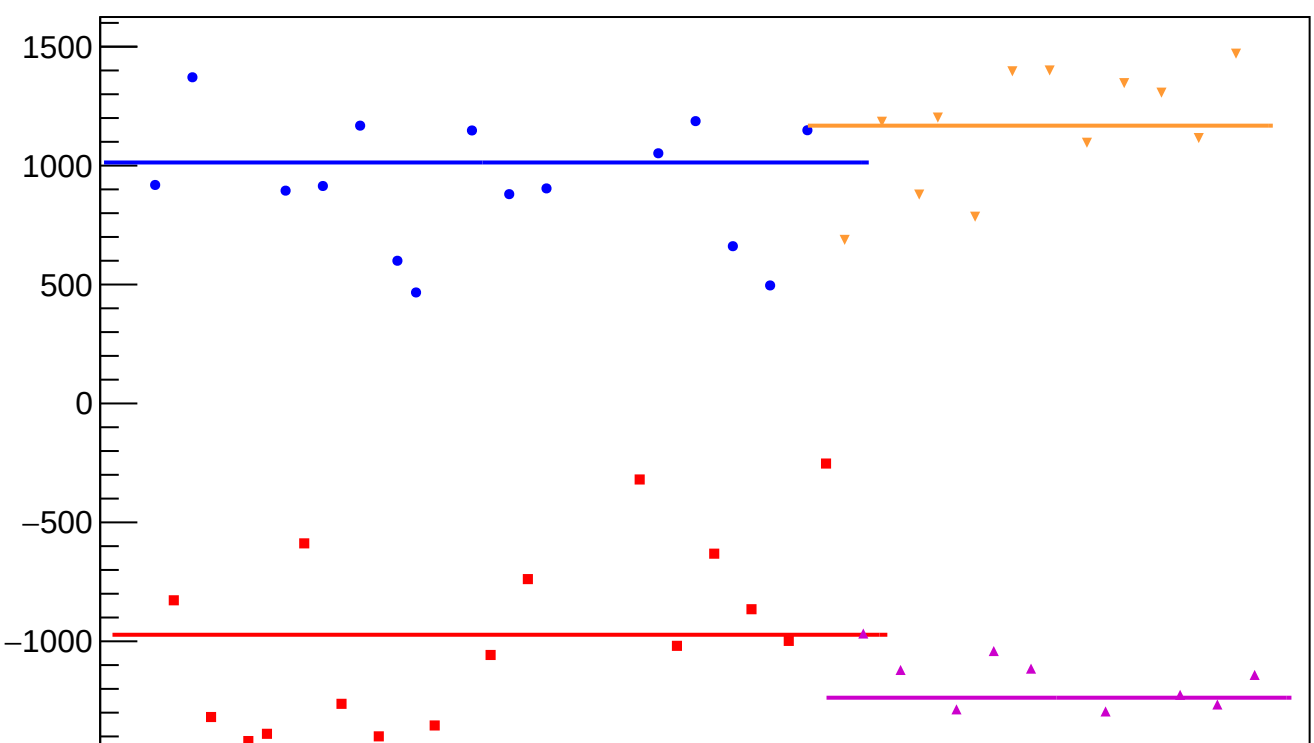
Left: -35.449+/-0.000 χ^2/NDF: 8532502457359131
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 603.094+/-0.000 χ^2/NDF:6881003841946300100487857498867997 0816.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.465+/-0.000 χ^2/NDF:2481424308915495
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.575+/-0.000 χ^2/NDF: 3596899884721

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.363+/-0.000 χ^2/NDF: 3946513510382648
Right In: 542.328+/-0.000 χ^2/NDF: 4143788120037955496490340484628170670 08.0/14
Right: -164.982+/-0.000 χ^2/NDF: 36290648240362
Left Out: 141.867+/-0.000 χ^2/NDF:67570148507859400684628208121177 7024.0/11
In: 138.288+/-0.000 χ^2/NDF:5955245908966435
Right Out: -853.203+/-0.000 χ^2/NDF: 2574076381441046787772449137133917044736.0/15
Out: -277.143+/-0.000 χ^2/NDF:295709043506187
Left In: -145.502+/-0.000 χ^2/NDF:7820660356105502729286612818948259 84.0/10
All: -70.151+/-0.000 χ^2/NDF: 368882425713

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

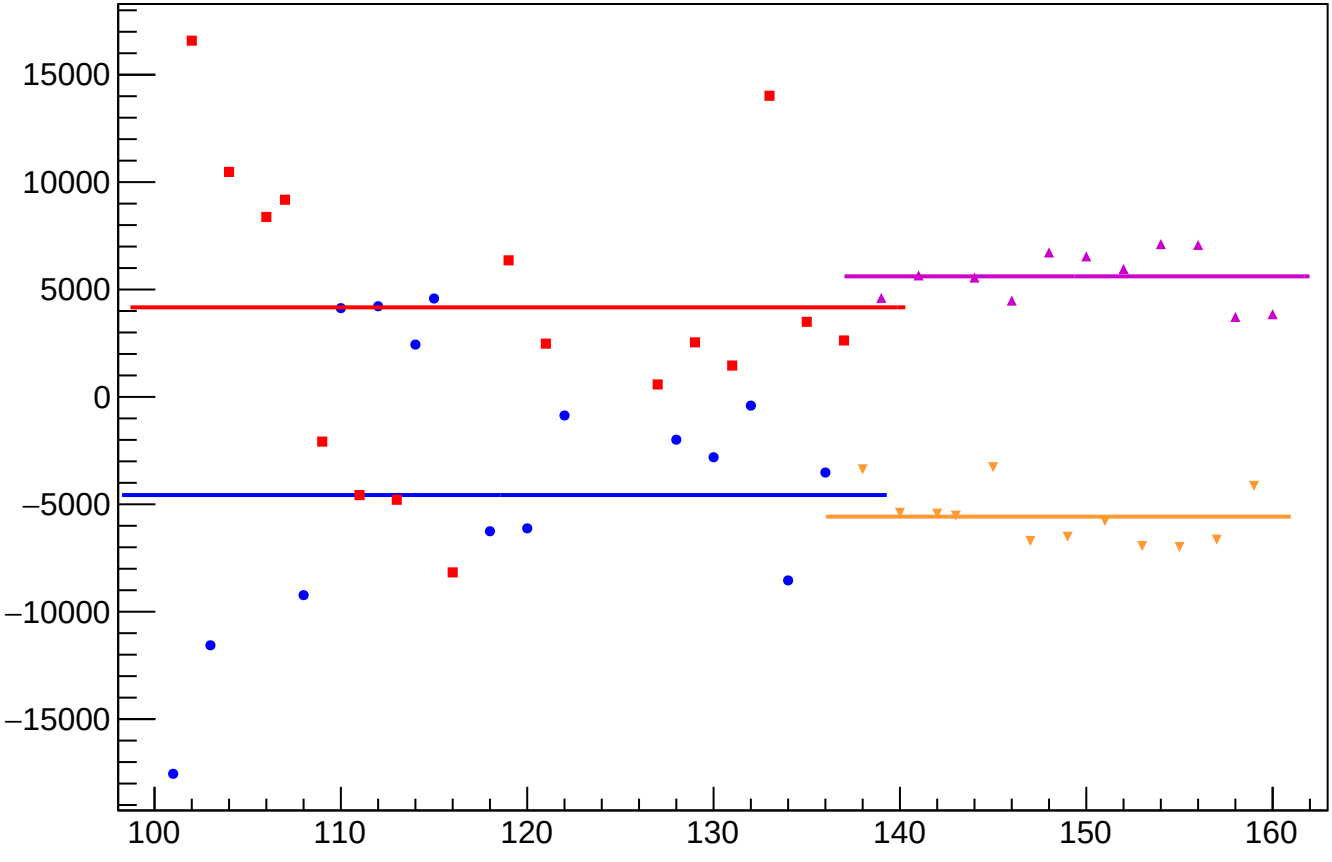
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

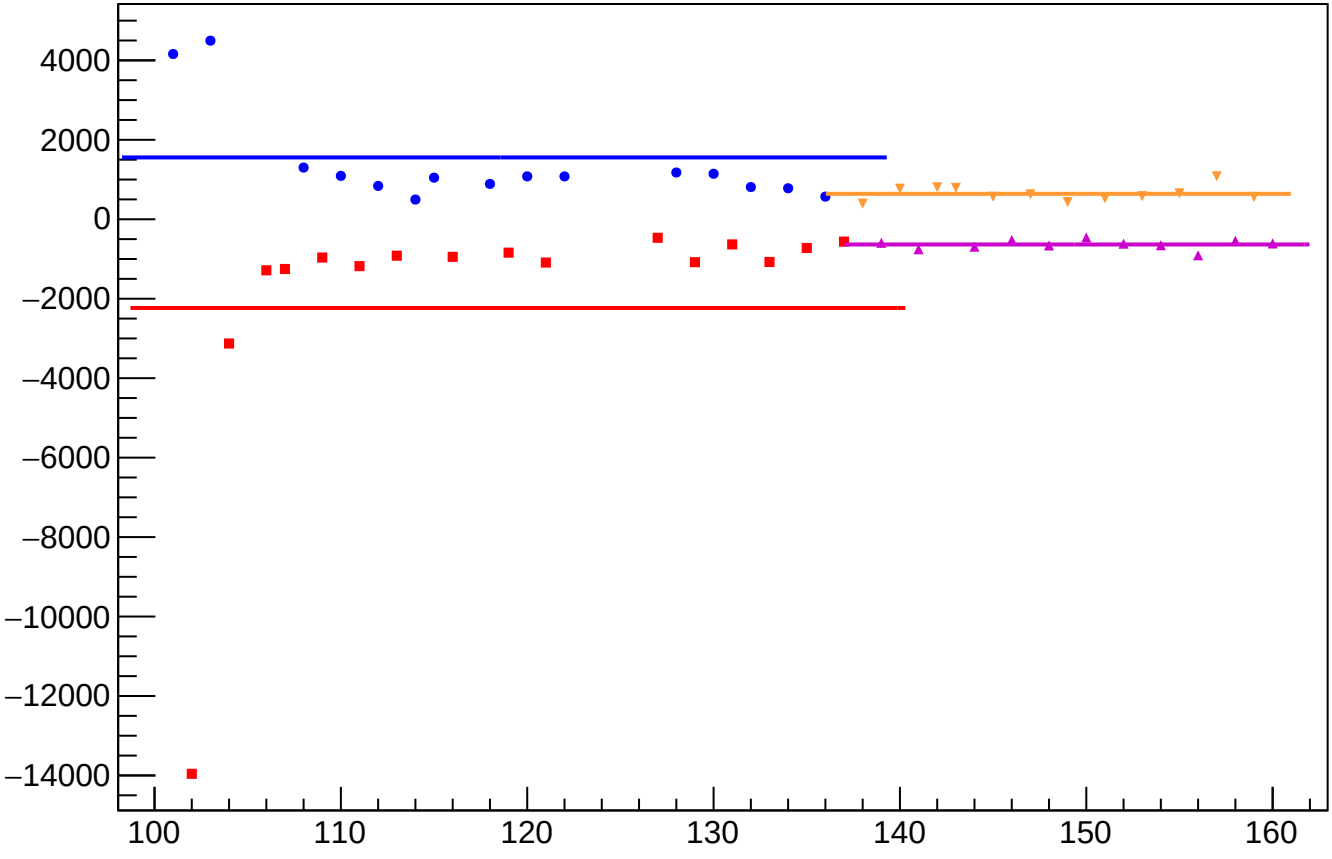
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.749+/-0.000 χ^2/NDF: 6043476245796298
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5574.062+/-0.000 χ^2/NDF:1562689011038892047530316656159376801792.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205
Right Out: 4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15
Out: -1470.650+/-0.000 χ^2/NDF:69198079726884
Left In: 5613.024+/-0.000 χ^2/NDF:1272210659936261957248133173503170969600.0/10
All: -34.178+/-0.000 χ^2/NDF: 140743325235

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.563+/-0.000 χ^2/NDF: 790778290017267378

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 640.537+/-0.000 χ^2/NDF:30170658754052148161516421209078628352.0/11

In: 269.551+/-0.000 χ^2/NDF:2982307306619134

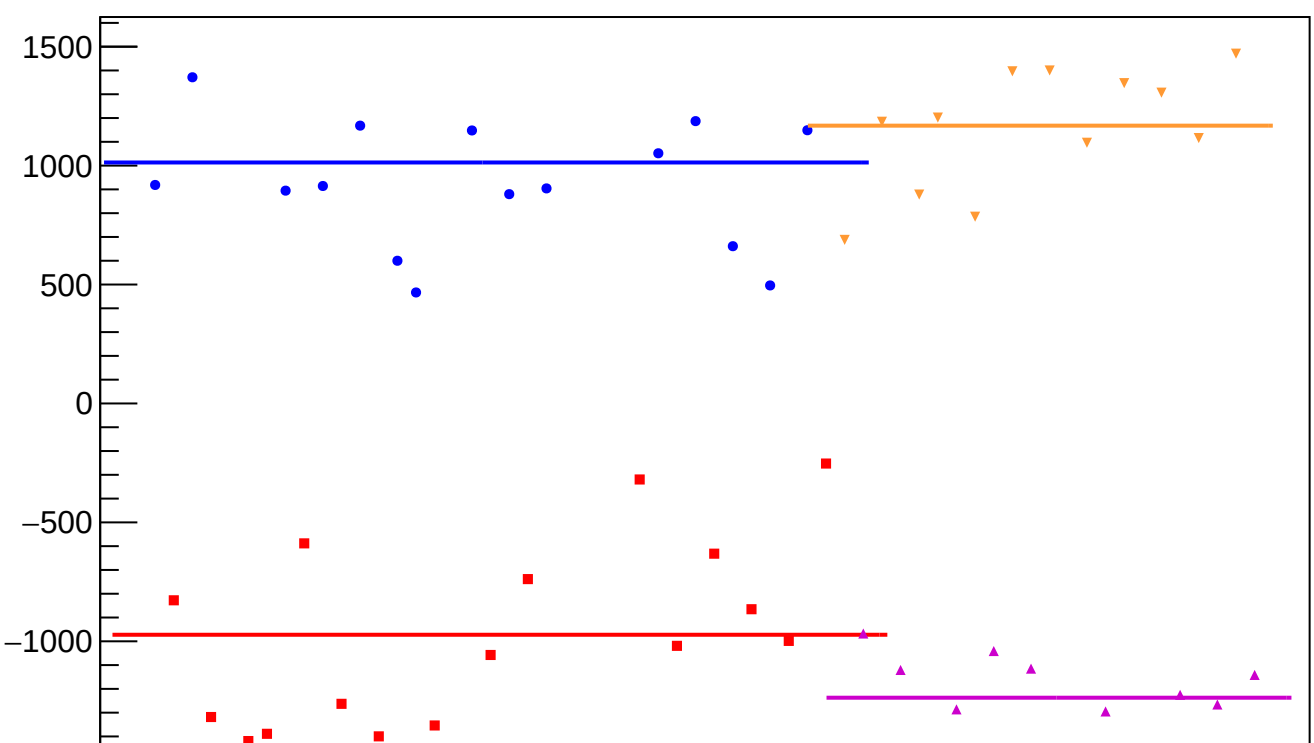
Right Out: -2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15

Out: -569.267+/-0.000 χ^2/NDF:122079062907223

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

All: -151.319+/-0.000 χ^2/NDF: 1574553533

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

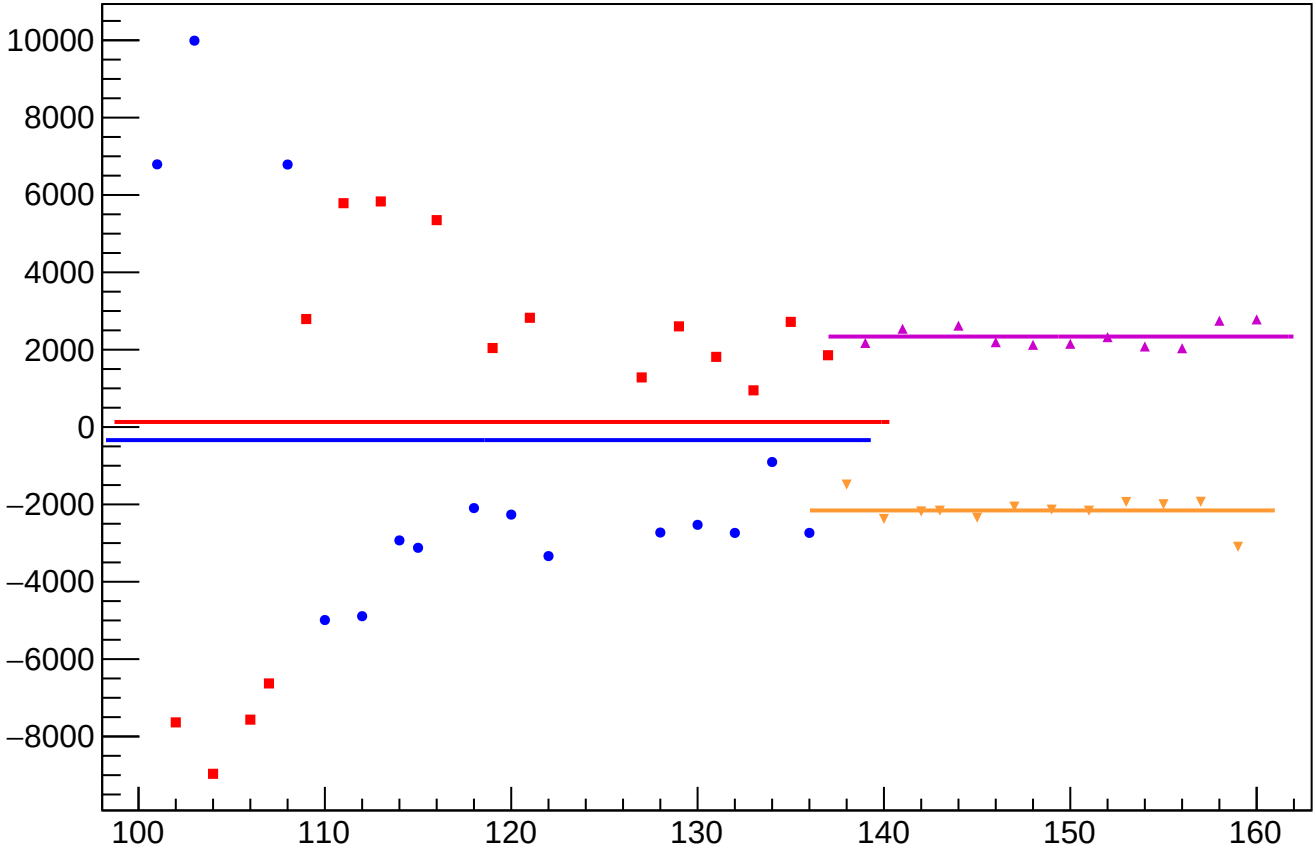
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

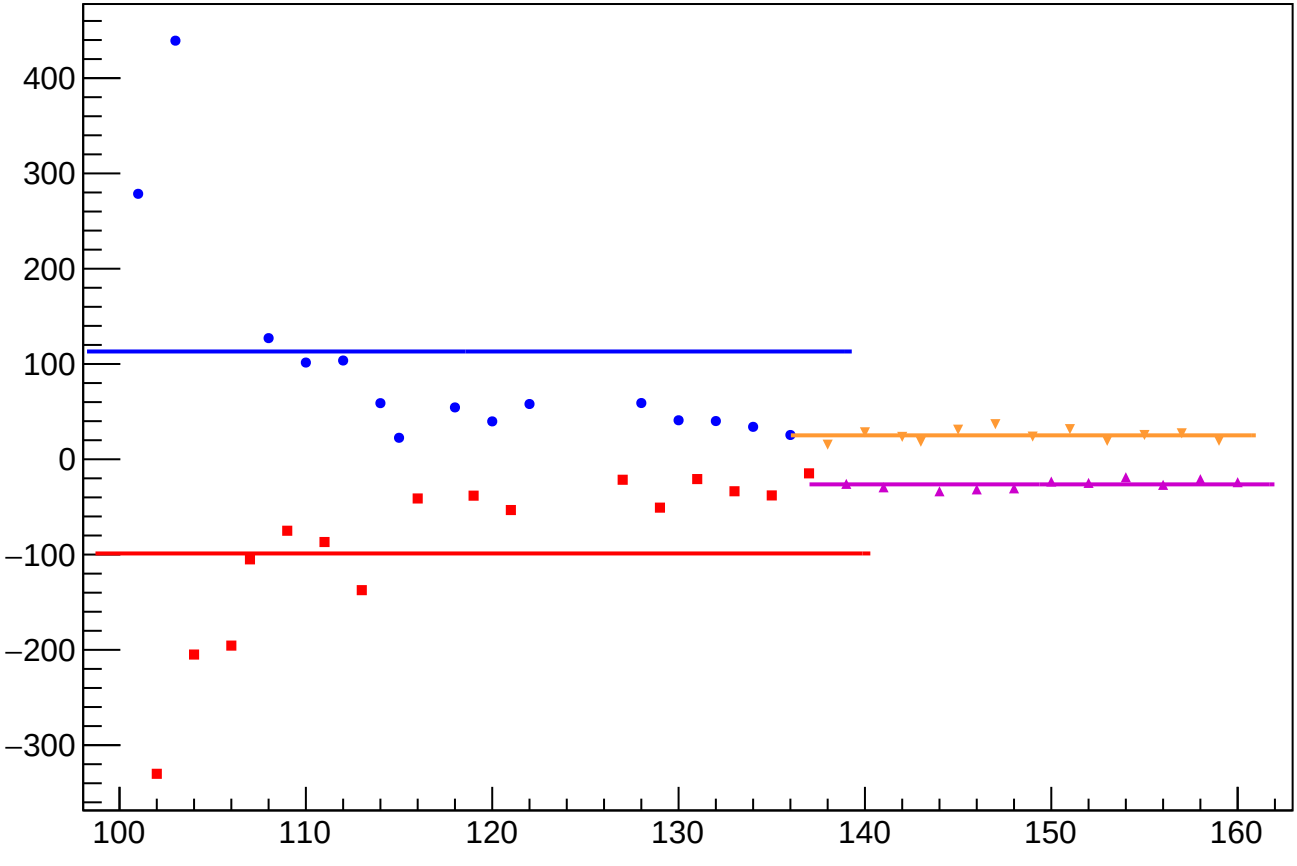
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.475+/-0.000 χ^2/NDF: 9487043627831926
Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
Right: -99.949+/-0.000 χ^2/NDF: 316982138957514
Left Out: -2155.781+/-0.000 χ^2/NDF:1232193651273252322124109301352518123 52.0/11
In: 1234.934+/-0.000 χ^2/NDF:1794842889484232
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15
Out: -1192.620+/-0.000 χ^2/NDF:18616645985625
Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10
All: 16.928+/-0.000 χ^2/NDF: 4121608496439

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.702+/-0.000 χ^2/NDF: 12707945014592862

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.122+/-0.000 χ^2/NDF:3423655463991049901455558155907891 2.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

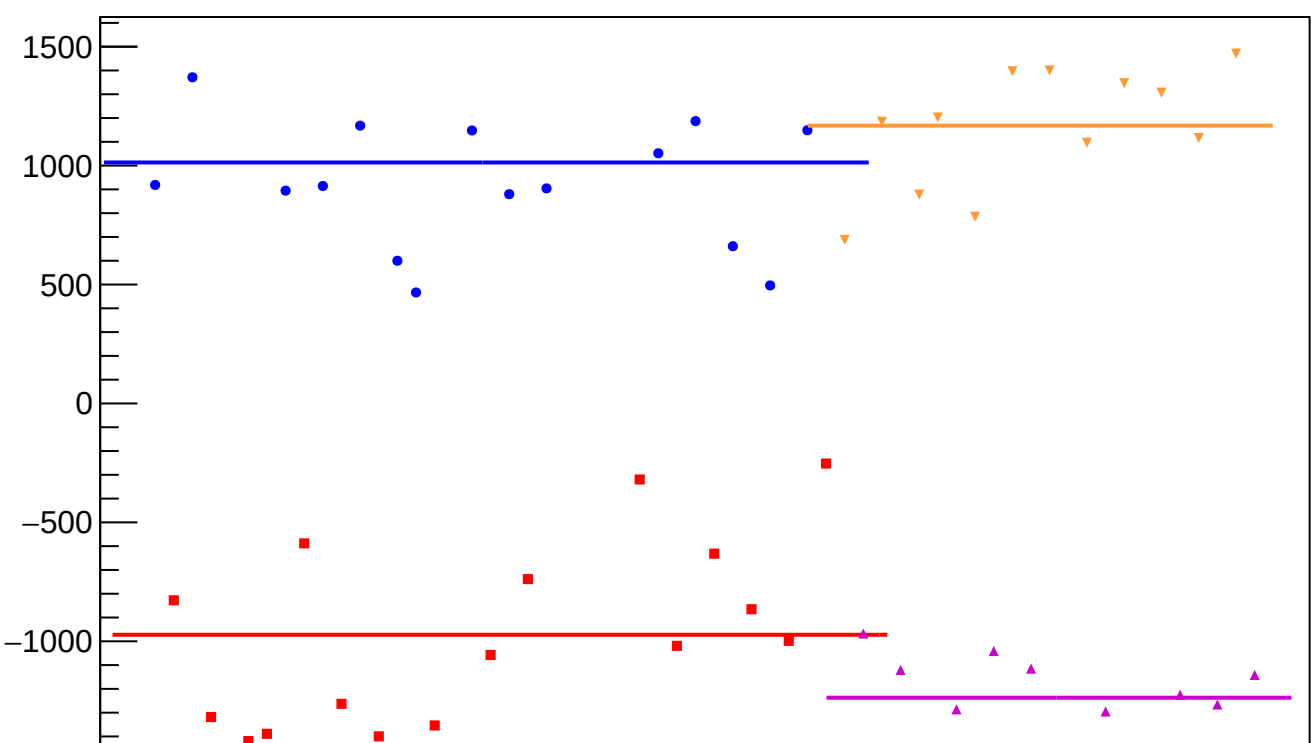
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.074+/-0.000 χ^2/NDF:1147748998241663

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.967+/-0.000 χ^2/NDF: 3158143311514

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

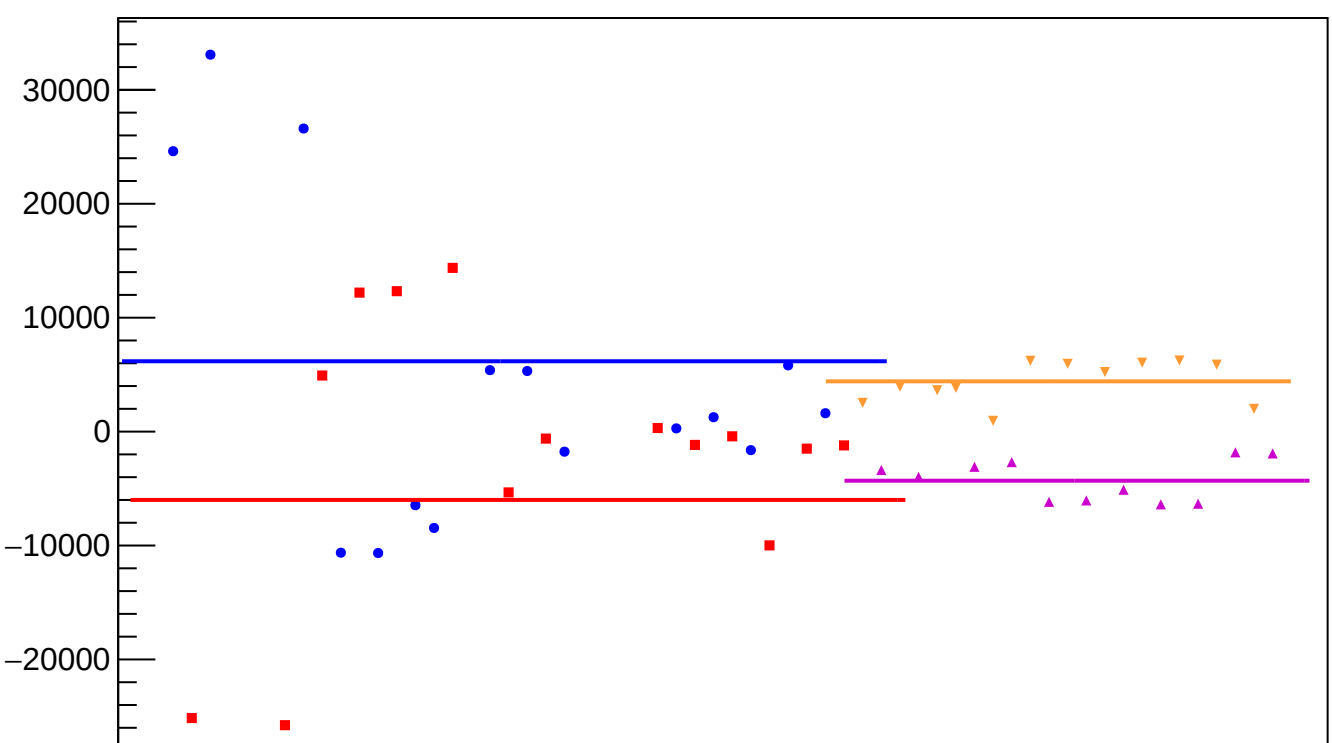
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

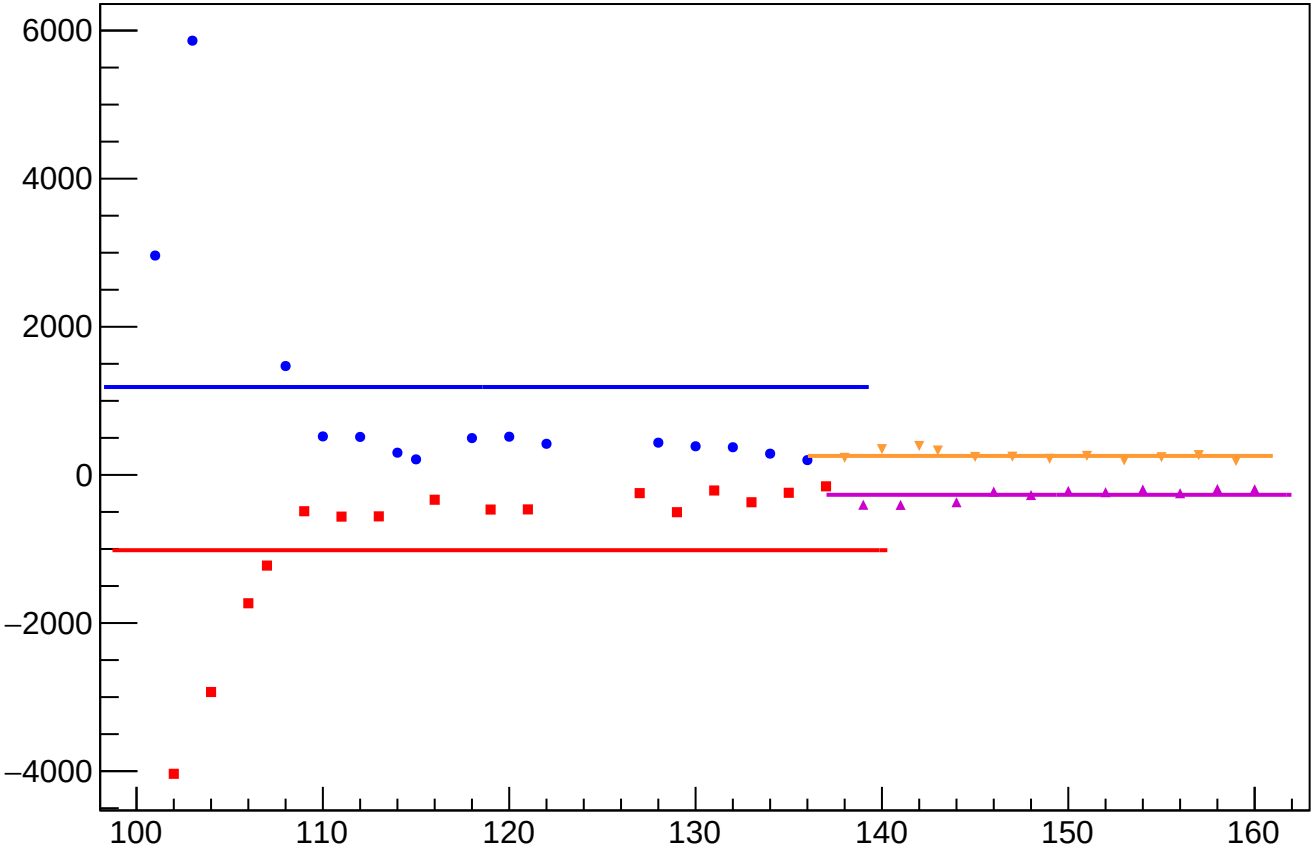
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam2_coil6_mean vs Slug, Sign Corrected



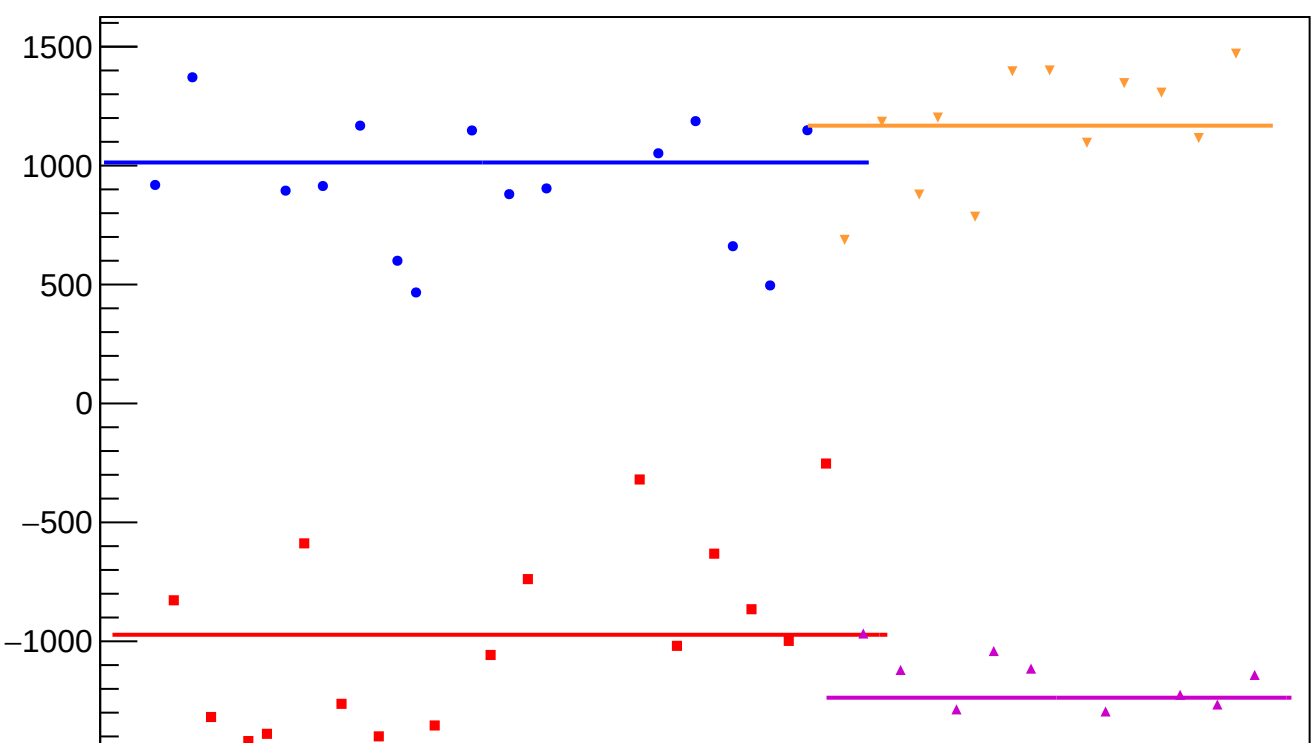
Left: 34.951+/-0.000 χ^2/NDF: 4067274758711618
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4413.614+/-0.000 χ^2/NDF:2955972864027480615108884679842756296704.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 29.967+/-0.000 χ^2/NDF:1818612195983734
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.940+/-0.000 χ^2/NDF: 3437284589394

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.038+/-0.000 χ^2/NDF: 13546112038867189
Right In: 1186.846+/-0.000 χ^2/NDF: 17964633128020233036232102646803532349 44.0/14
Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683
Left Out: 256.413+/-0.000 χ^2/NDF:27963779927402105272334458398389043 20.0/11
In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15
Out: -279.690+/-0.000 χ^2/NDF:155632876802520
Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10
All: 25.070+/-0.000 χ^2/NDF: 446136755272 6

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

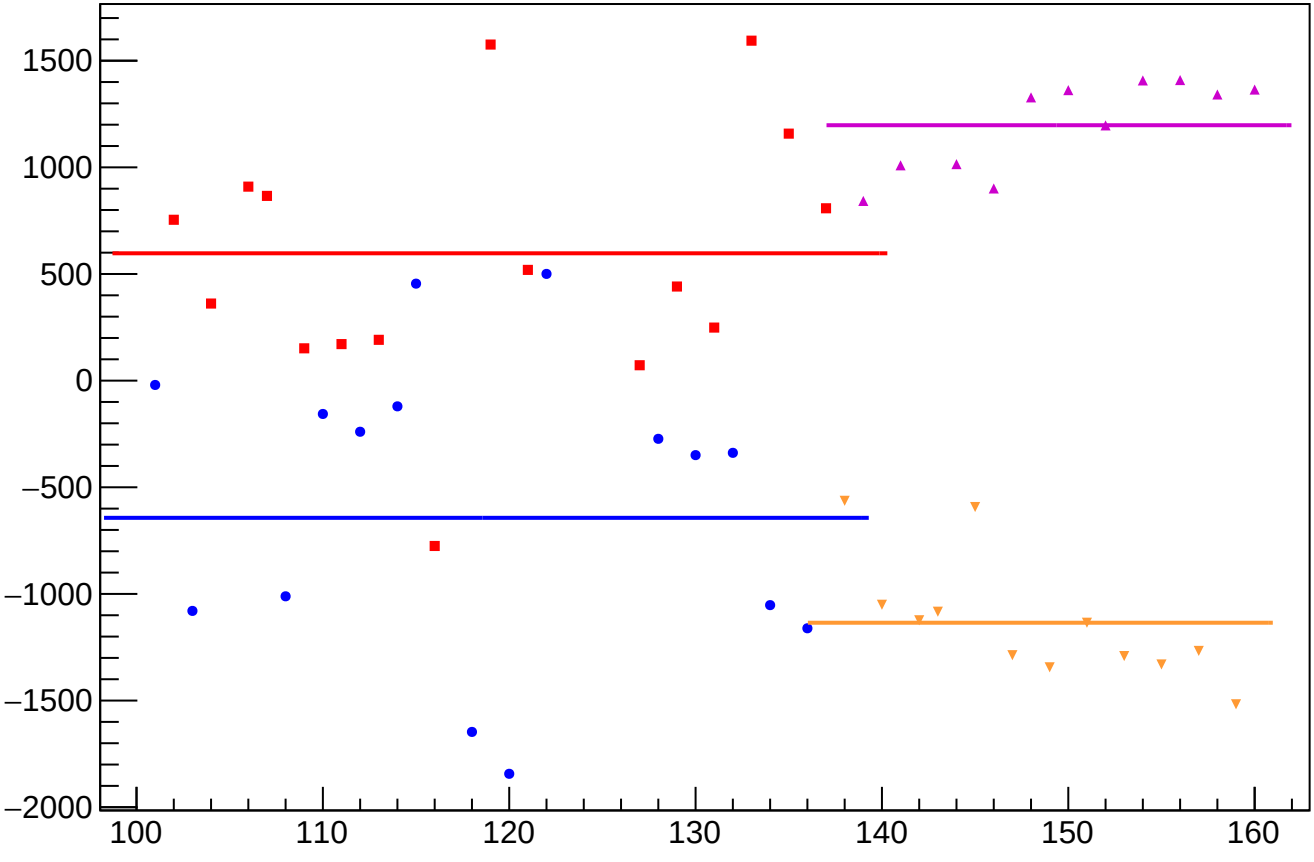
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam3_coil6_mean vs Slug, Sign Corrected



Left: 35.669+/-0.000 χ^2/NDF: 2616472064555408

Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14

Right: -14.605+/-0.000 χ^2/NDF: 989448118075246

Left Out: -1135.033+/-0.000 χ^2/NDF:7378981763218616377663214601635469721 6.0/11

In: 438.045+/-0.000 χ^2/NDF:1603056987163828

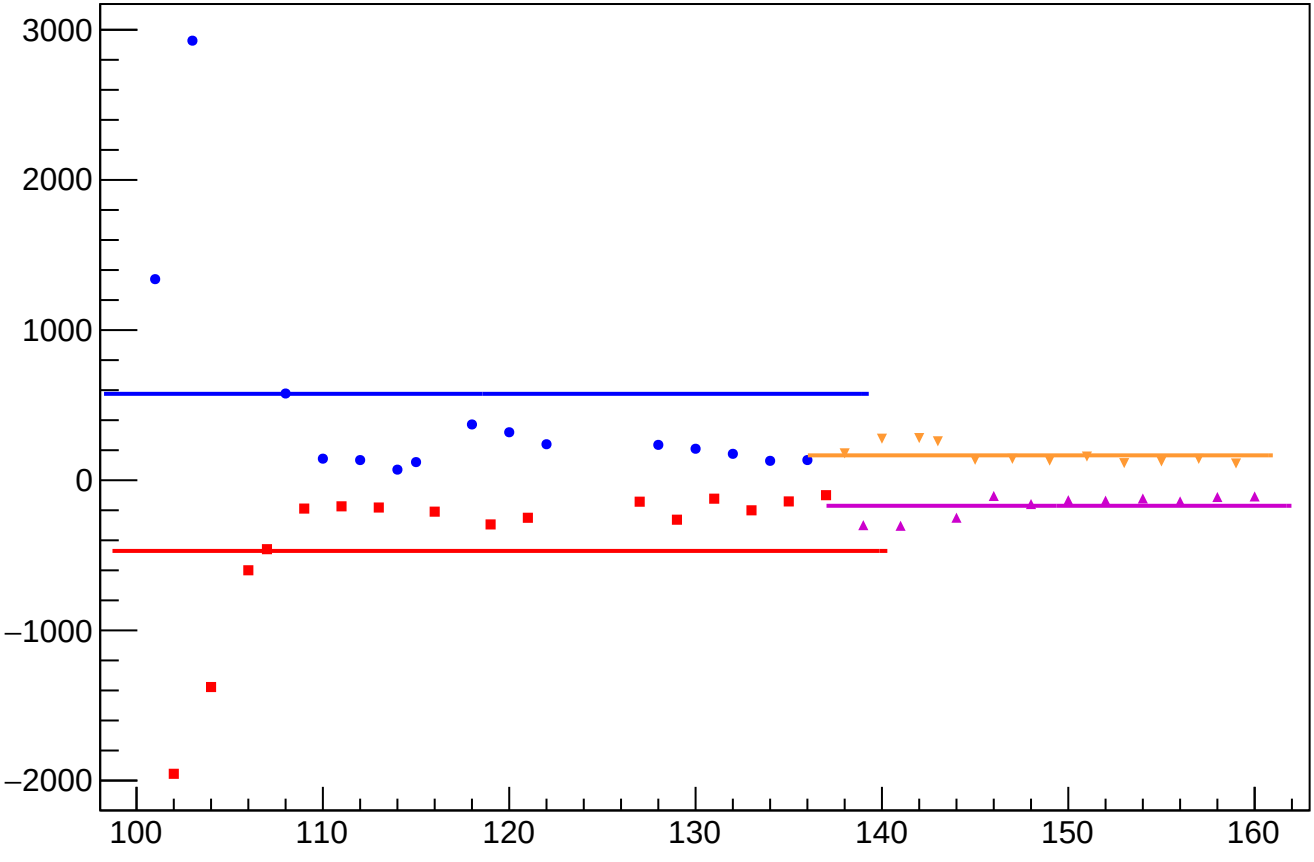
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15

Out: -405.681+/-0.000 χ^2/NDF:144296408406793

Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10

All: 14.712+/-0.000 χ^2/NDF: 3607859864595

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.772+/-0.000 χ^2/NDF: 59856871669409725

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510

Left Out: 165.815+/-0.000 χ^2/NDF:307773236232955660542687786866363 5968.0/11

In: 137.546+/-0.000 χ^2/NDF:6494694160664590 0

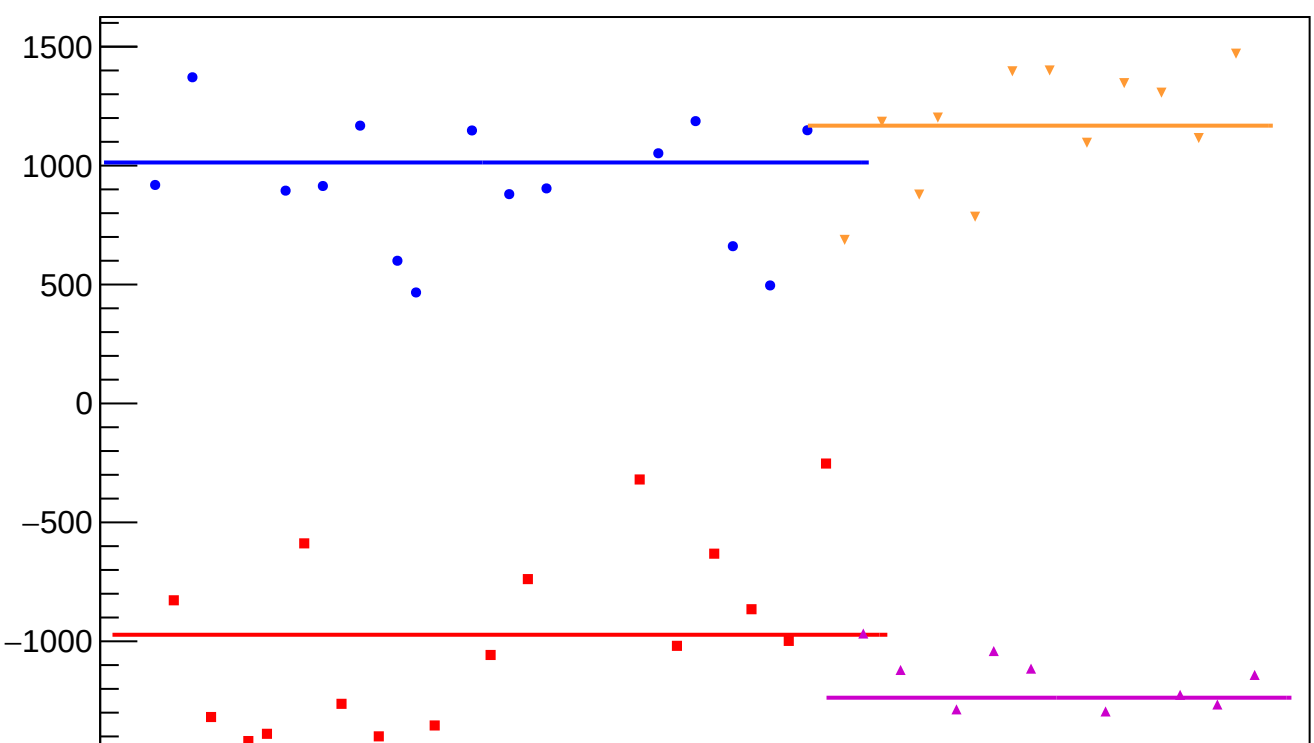
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

Out: -102.219+/-0.000 χ^2/NDF:368839746141427

Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465 3952.0/10

All: 17.246+/-0.000 χ^2/NDF: 1063680518716

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

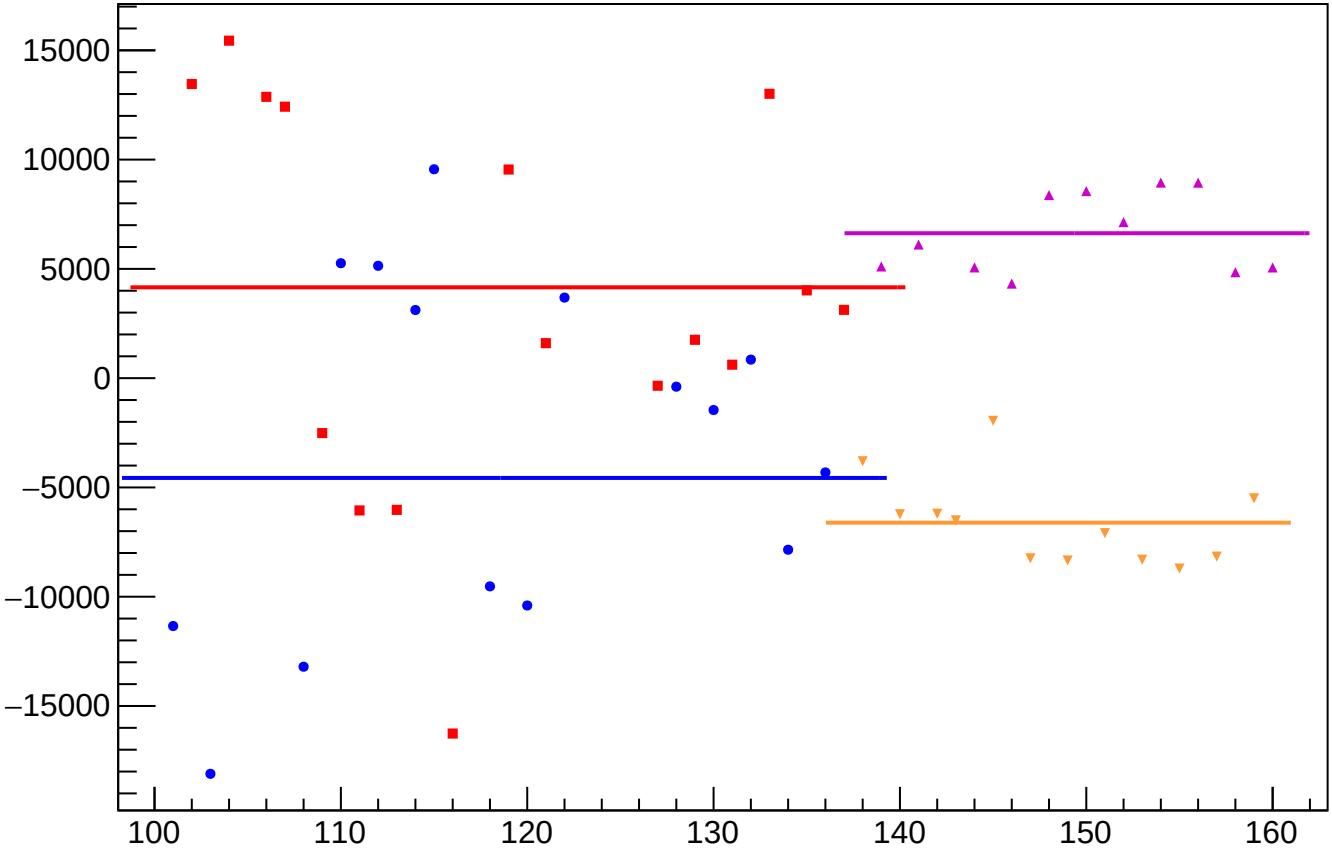
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

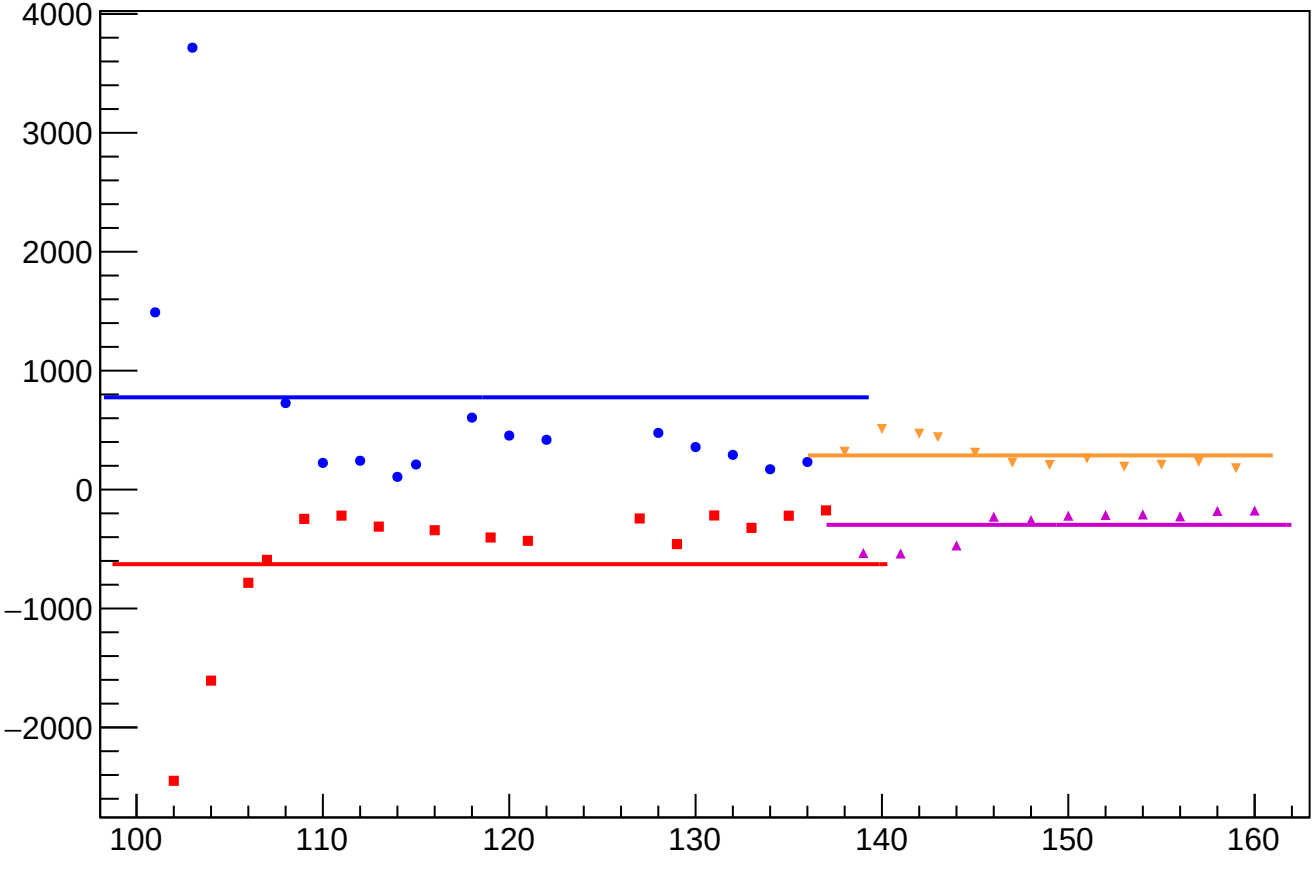
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.492+/-0.000 χ^2/NDF: 8732093678832120
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6612.752+/-0.000 χ^2/NDF:3759909720266492863199038301551573598208.0/11
In: 2011.723+/-0.000 χ^2/NDF:8629308418563650
Right Out: 4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15
Out: -2077.821+/-0.000 χ^2/NDF:94085131574045
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.174+/-0.000 χ^2/NDF: 193577765063

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.726+/-0.000 χ^2/NDF: 18447893607708416

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 287.283+/-0.000 χ^2/NDF:105574670743417735594790697446167019 52.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

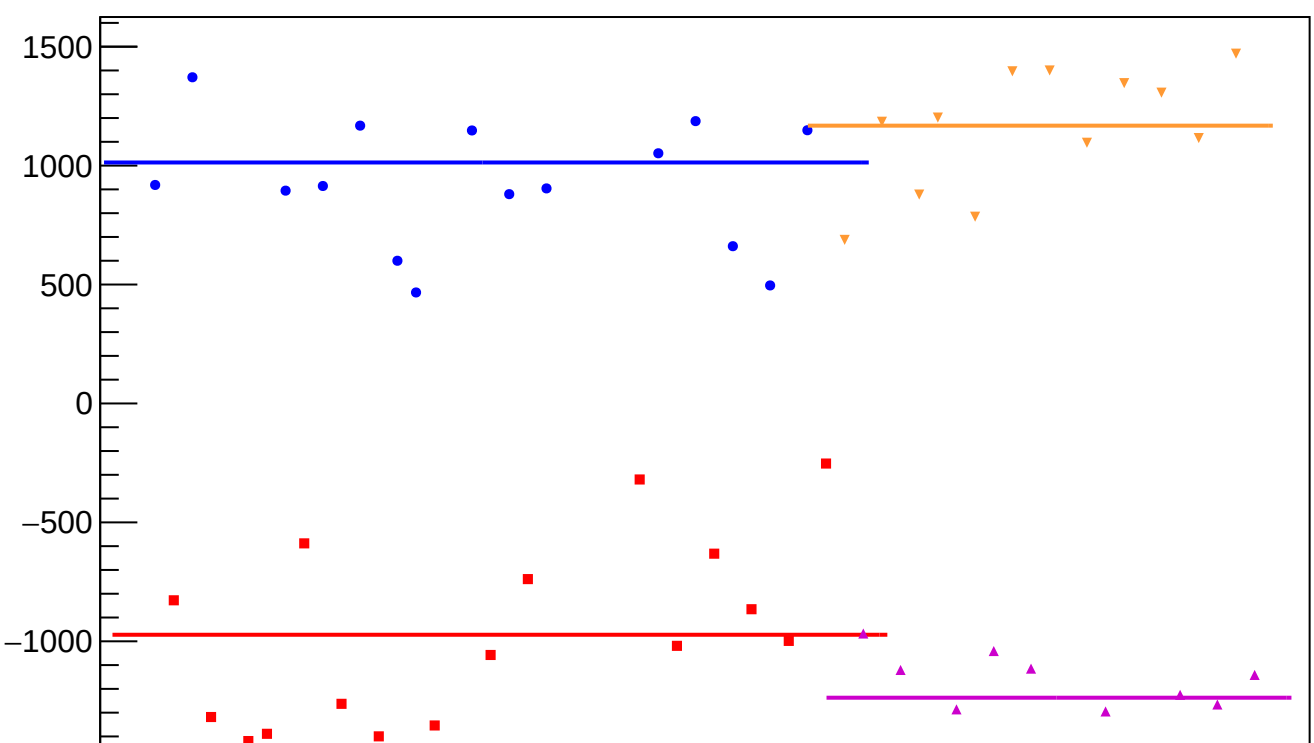
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -97.841+/-0.000 χ^2/NDF:6310731224648516

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.614+/-0.000 χ^2/NDF: 177526879644

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

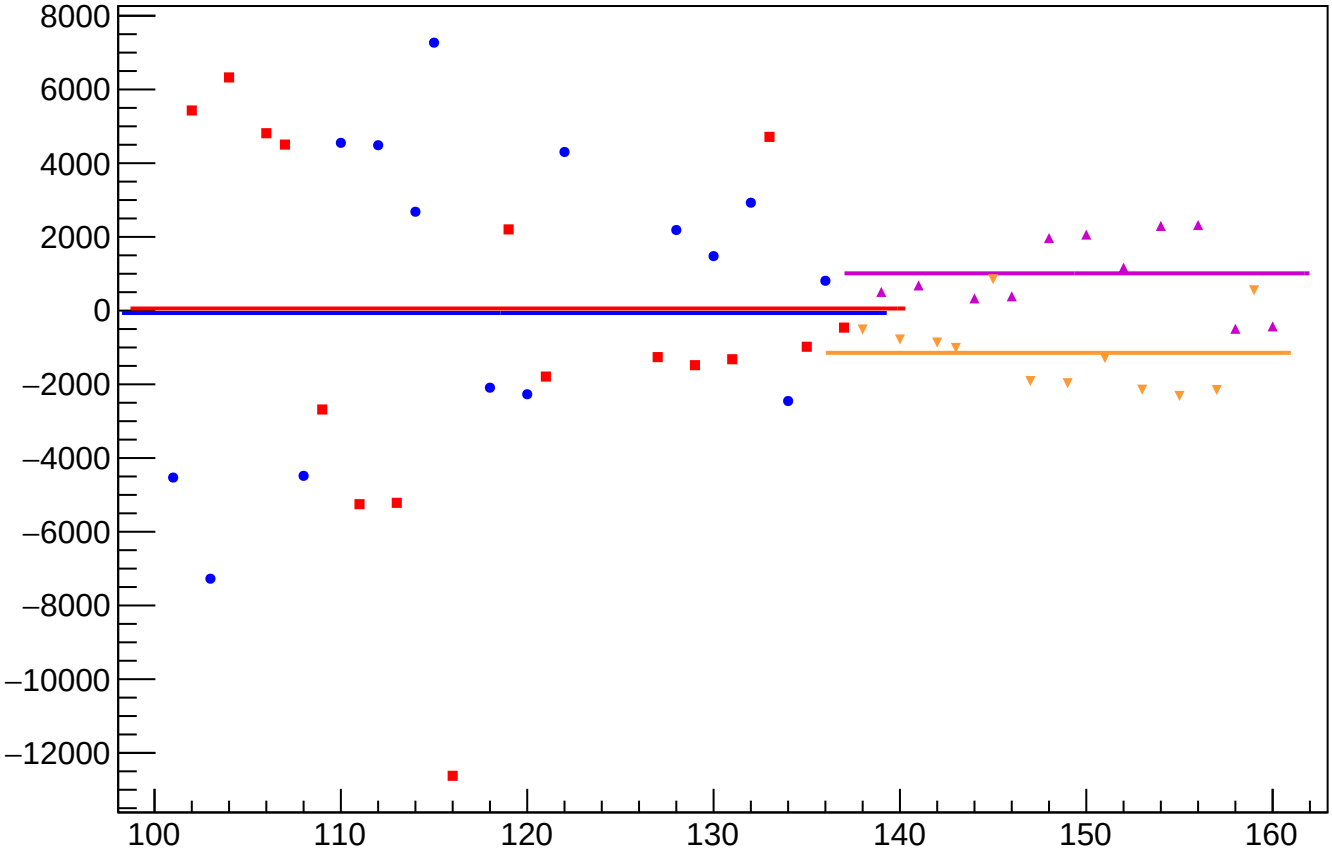
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam5_coil6_mean vs Slug, Sign Corrected



Left: -62.897+/-0.000 χ^2/NDF: 4023465165308589

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095

Left Out: -1145.277+/-0.000 χ^2/NDF:97907559634952082197435089781384019968 0.0/11

In: 567.326+/-0.000 χ^2/NDF:1095954142307667

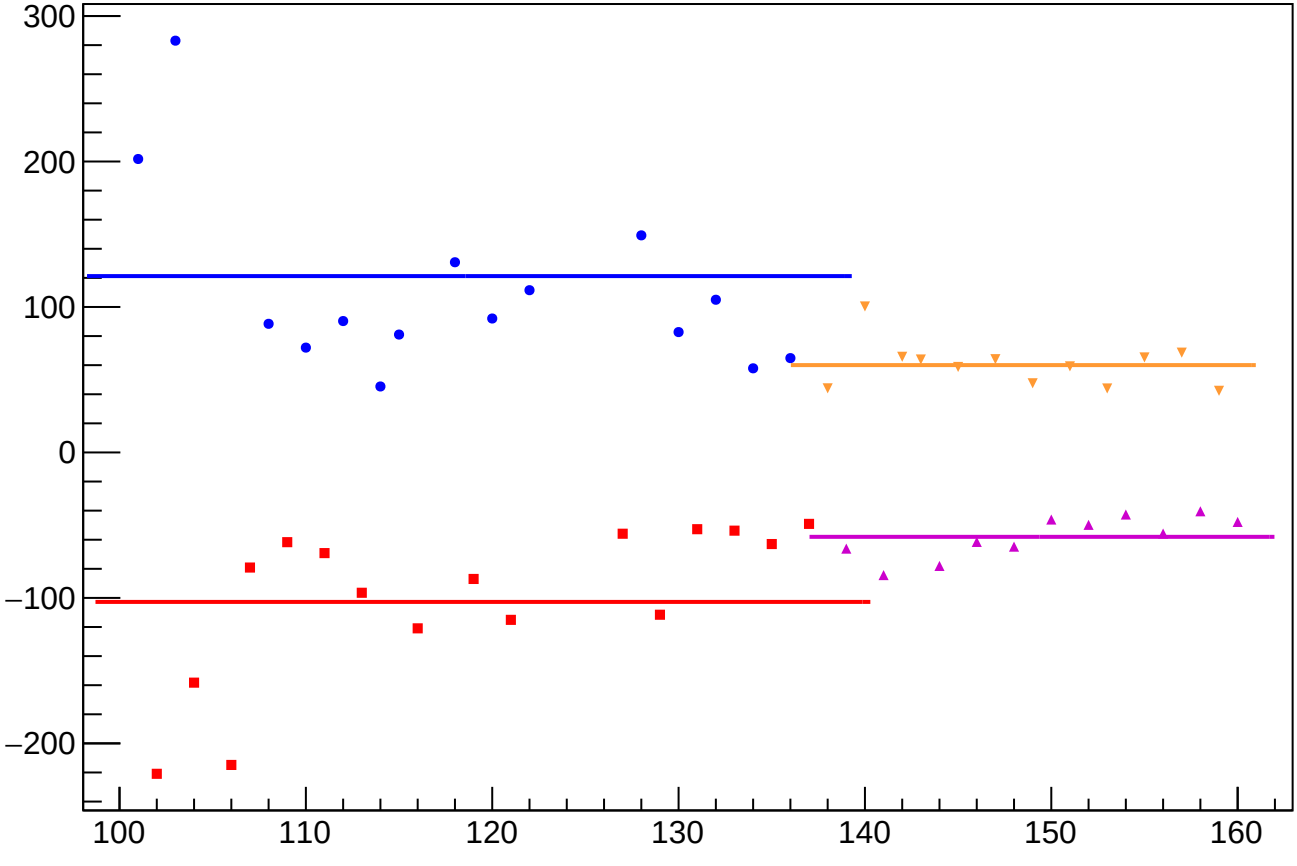
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15

Out: -638.919+/-0.000 χ^2/NDF:153183947889426

Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10

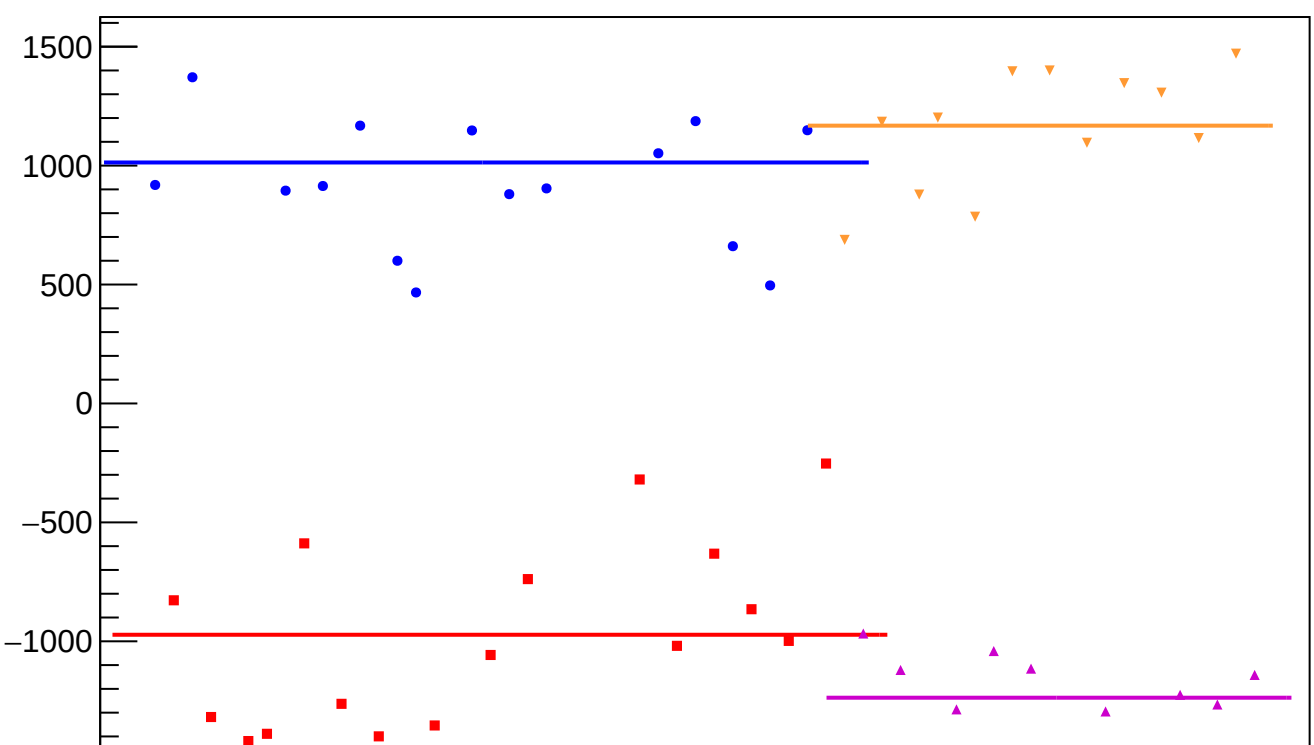
All: -37.898+/-0.000 χ^2/NDF: 274263018049

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Left: 0.791+/-0.000 χ^2/NDF: 68167808461143865
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.042+/-0.000 χ^2/NDF:225194152627424805036116621962248192.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.507+/-0.000 χ^2/NDF:12425831017790004
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.674+/-0.000 χ^2/NDF: 28045703074646

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

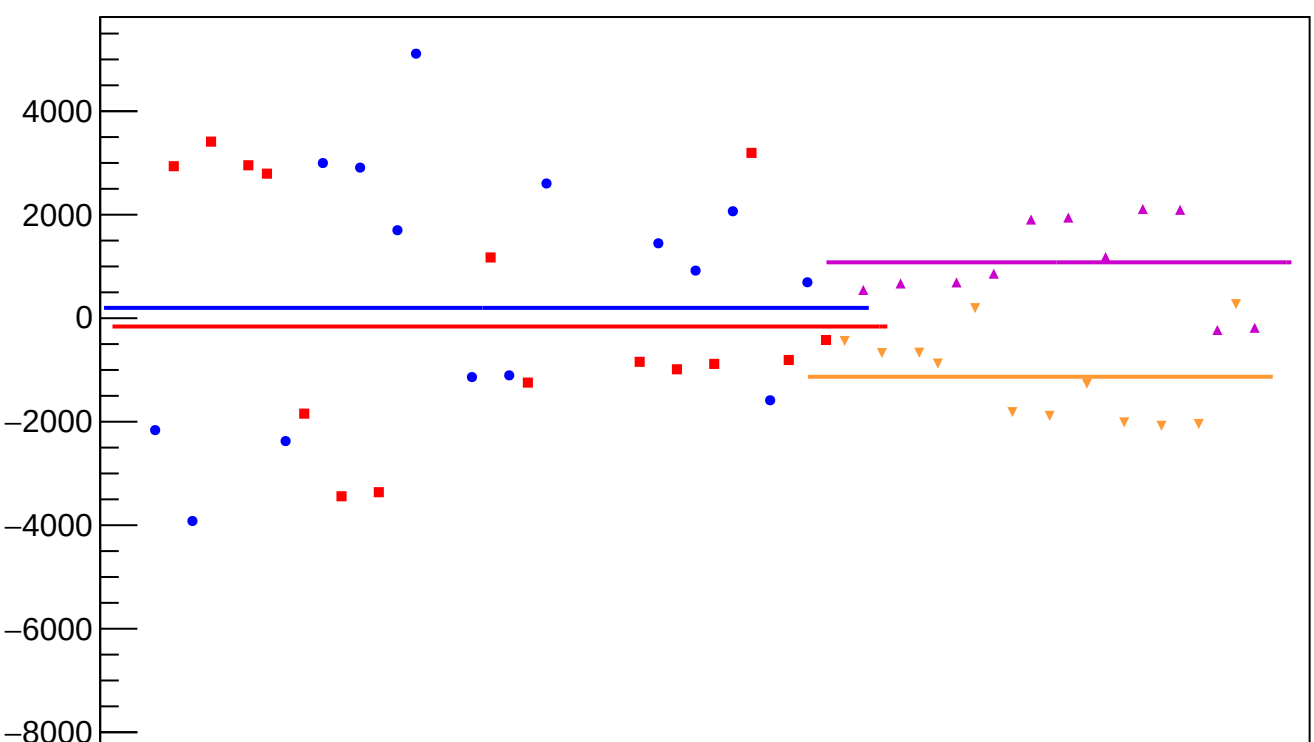
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

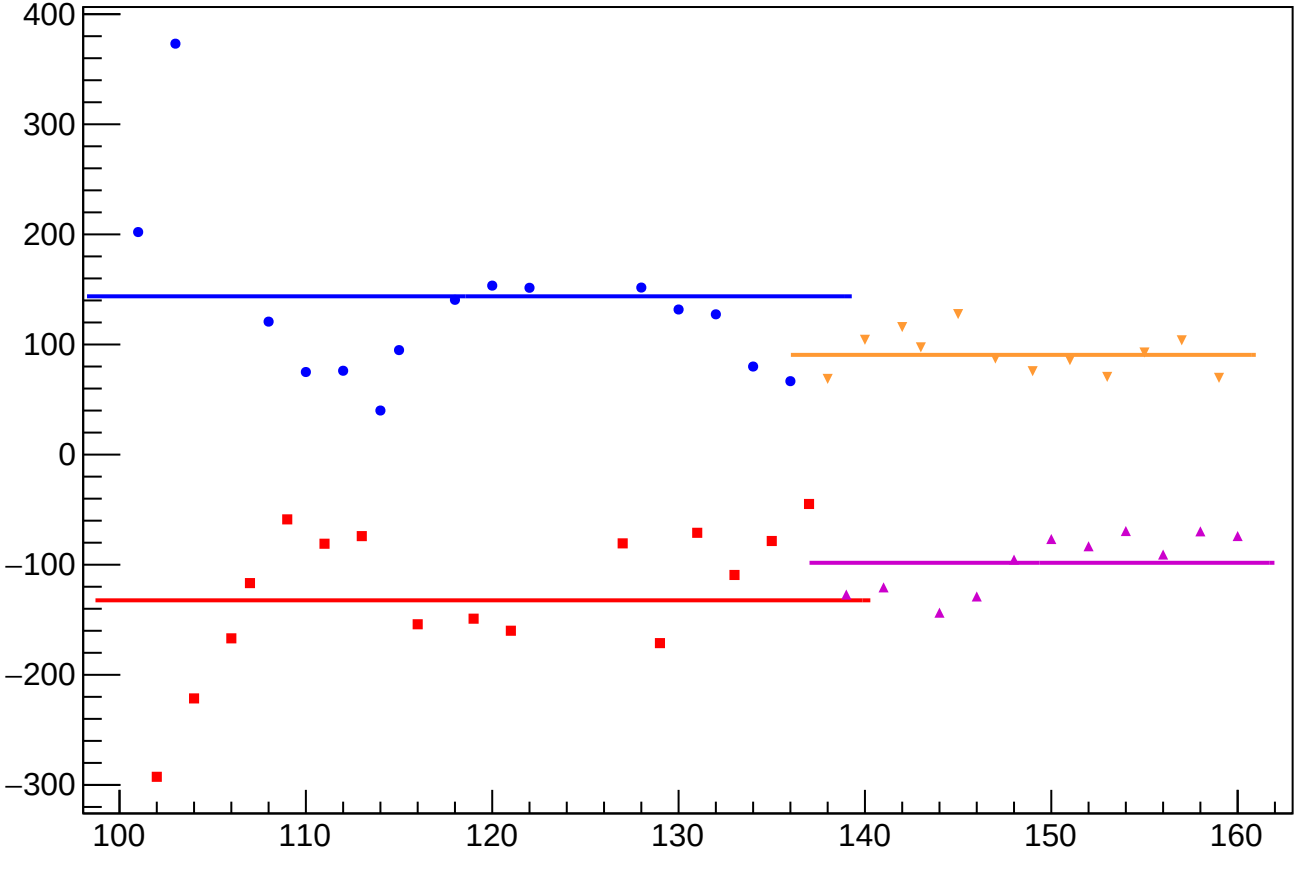
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.889+/-0.000 χ^2/NDF: 3523677908409777
Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14
Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185
Left Out: -1131.740+/-0.000 χ^2/NDF:6584346101698590567097339782647963975 68.0/11
In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15
Out: -722.770+/-0.000 χ^2/NDF:670324669914514
Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10
All: -5.664+/-0.000 χ^2/NDF: 1251621104913

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.195+/-0.000 χ^2/NDF: 17333934091719658

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.584+/-0.000 χ^2/NDF:300208511037372941883923935499649024.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

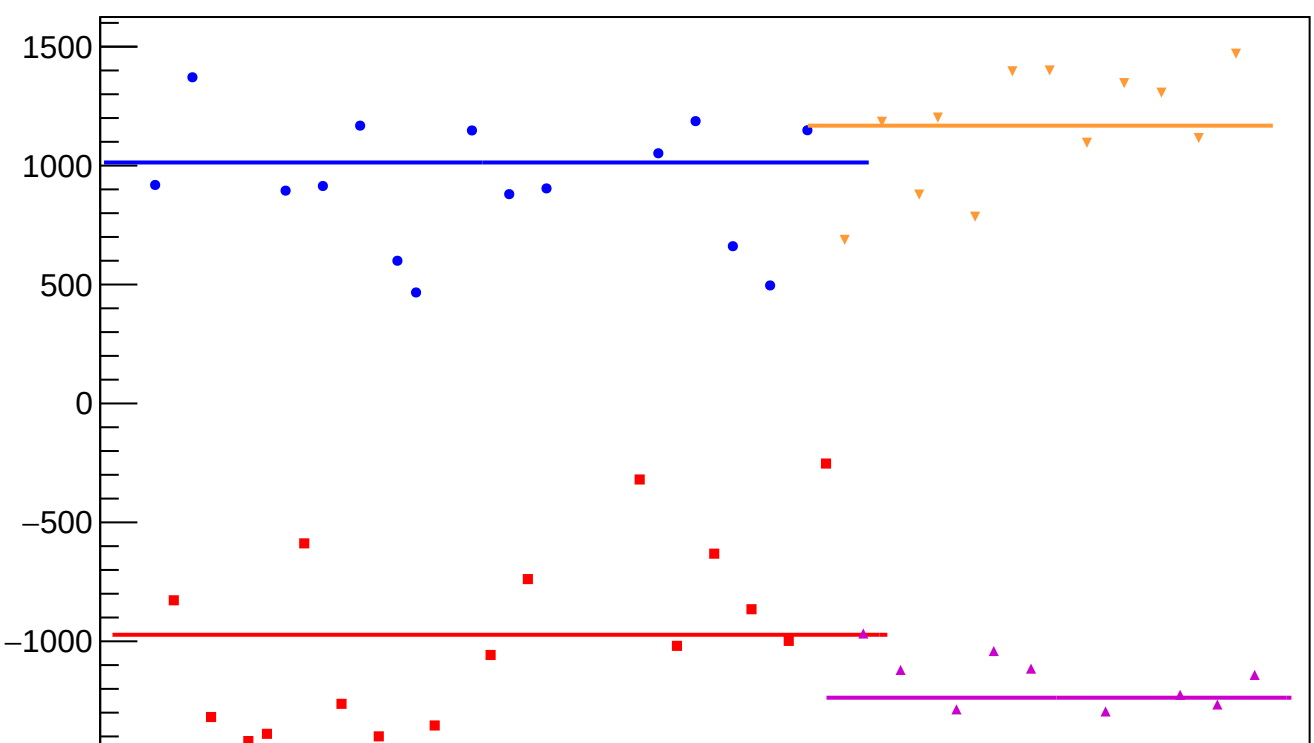
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.286+/-0.000 χ^2/NDF:22663513410864161

Left In: -98.257+/-0.000 χ^2/NDF:620993776773093393033369428470792192.0/10

All: -0.853+/-0.000 χ^2/NDF: 5014829337749

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275652505 6.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

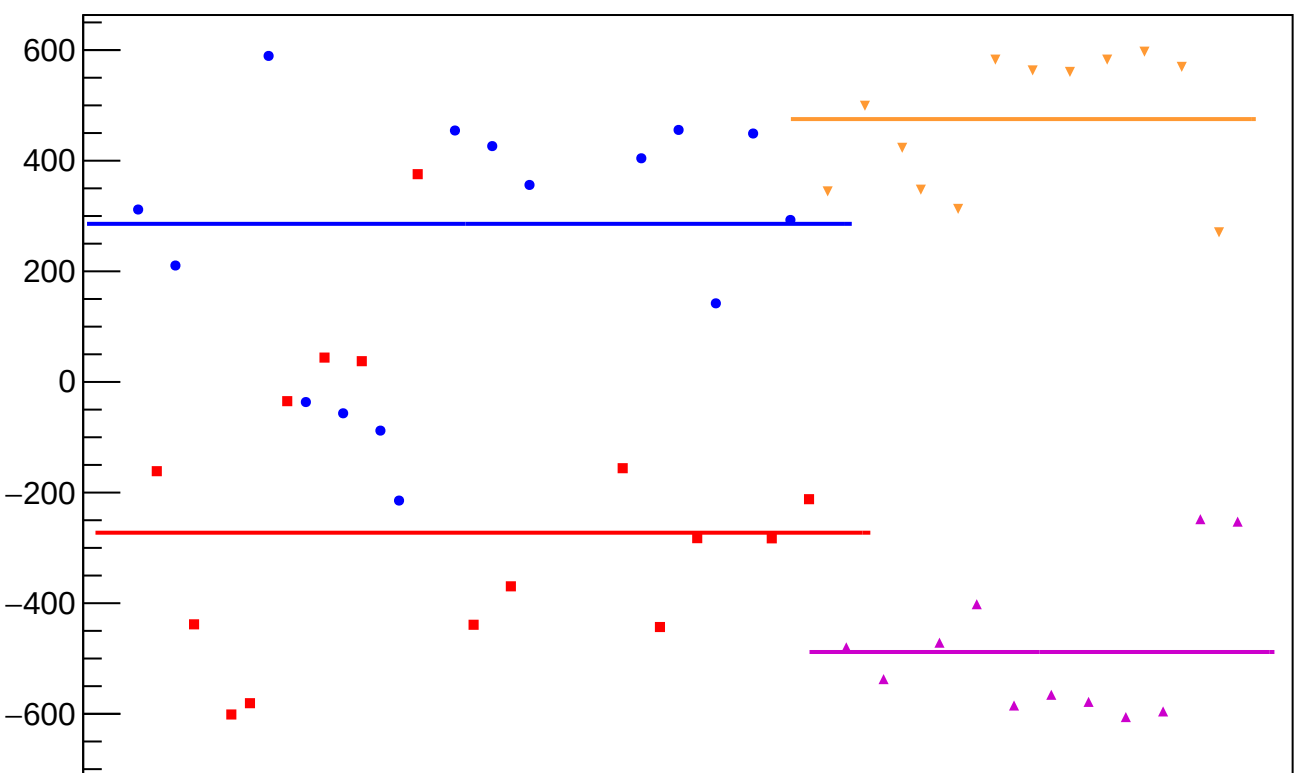
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.316+/-0.000 χ^2/NDF: 45410418024076154

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Right: 2.840+/-0.000 χ^2/NDF: 17082276741945895

Left Out: 475.235+/-0.000 χ^2/NDF:1307081868746512687407548052152306892 8.0/11

In: -168.836+/-0.000 χ^2/NDF:2663585226046871

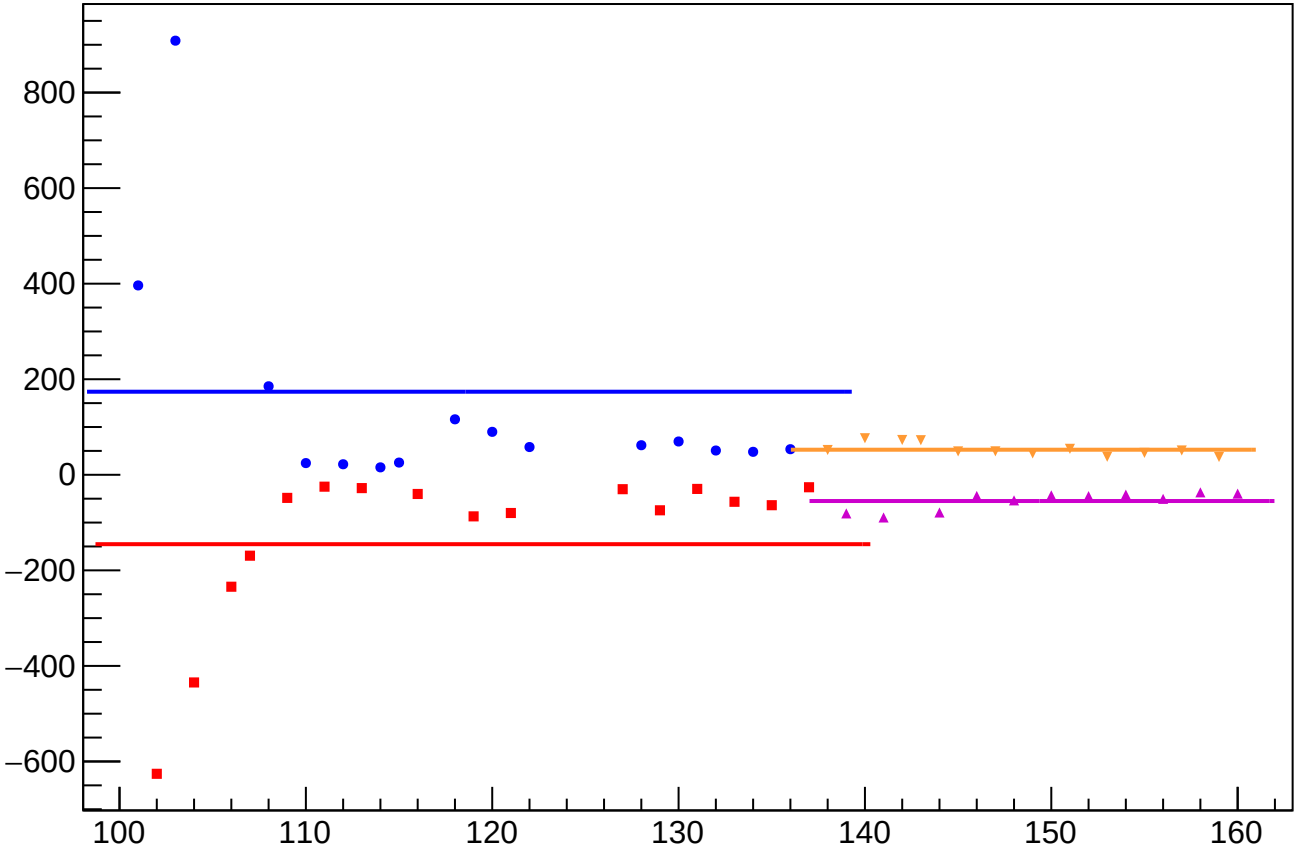
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

Out: 160.358+/-0.000 χ^2/NDF:273134699643397 9

Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

All: -3.665+/-0.000 χ^2/NDF: 6250224533135

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.408+/-0.000 χ^2/NDF: 57476296462672576

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.484+/-0.000 χ^2/NDF:14098252231235537526648380267167744 0.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

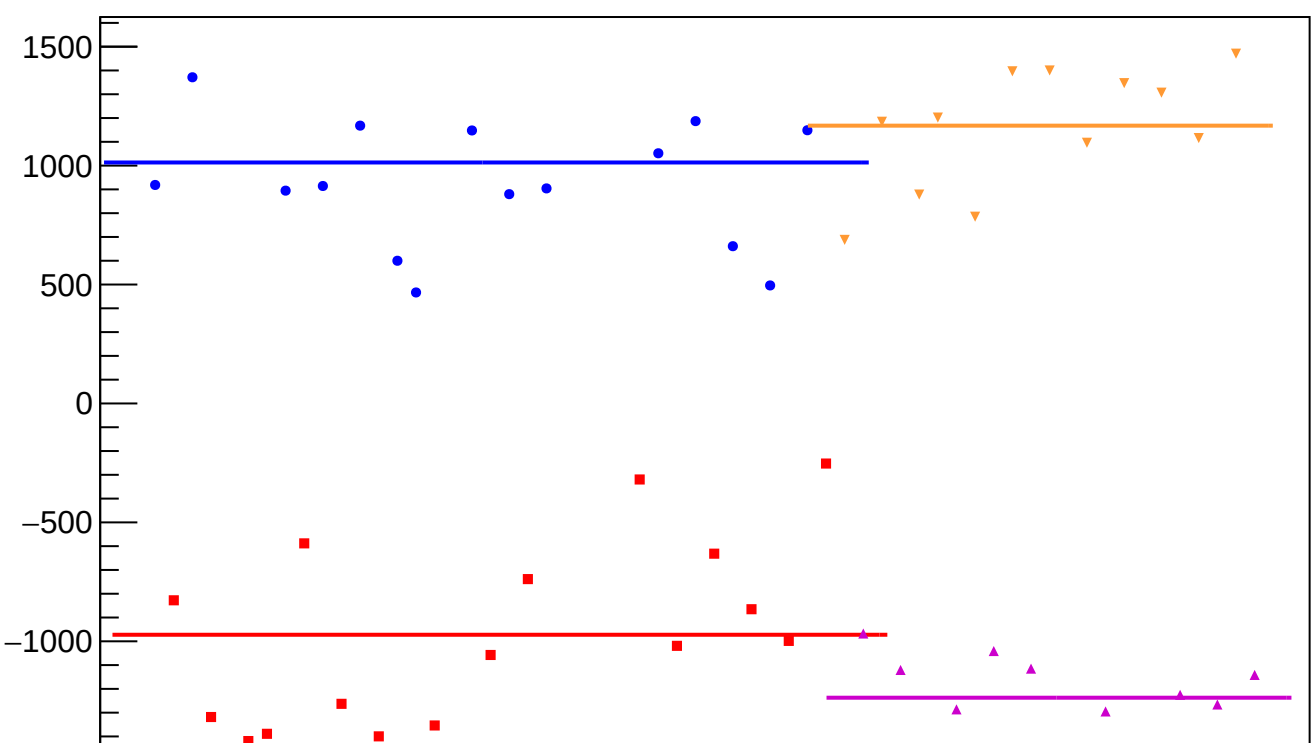
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.770+/-0.000 χ^2/NDF:3776461617850606

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.239+/-0.000 χ^2/NDF: 1036174397466 2

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

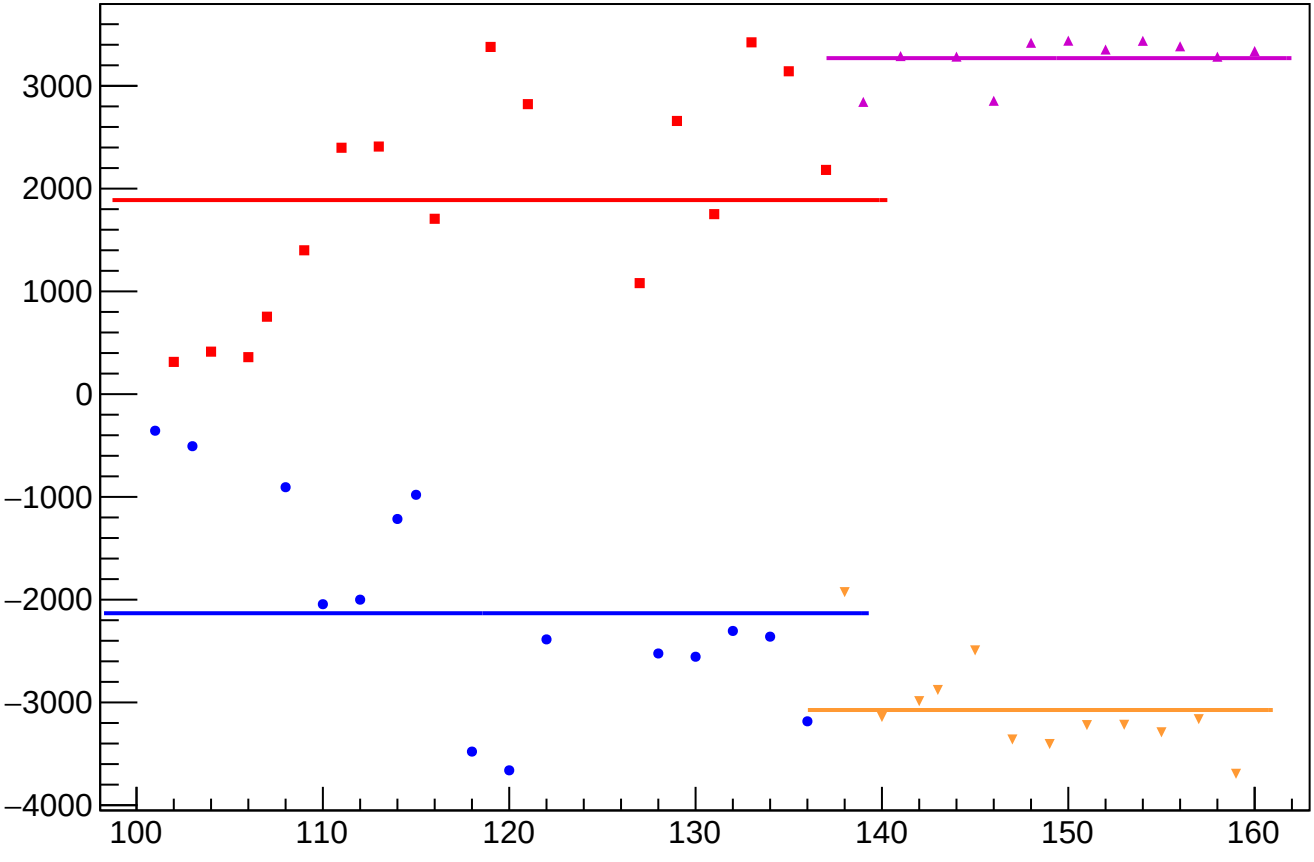
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.117+/-0.000 χ^2/NDF: 1874506217921654

Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Right: -94.234+/-0.000 χ^2/NDF: 683113062504059

Left Out: -3073.640+/-0.000 χ^2/NDF:1873855824368527837793696110009940705 28.0/11

In: 1041.098+/-0.000 χ^2/NDF:1188405782367471

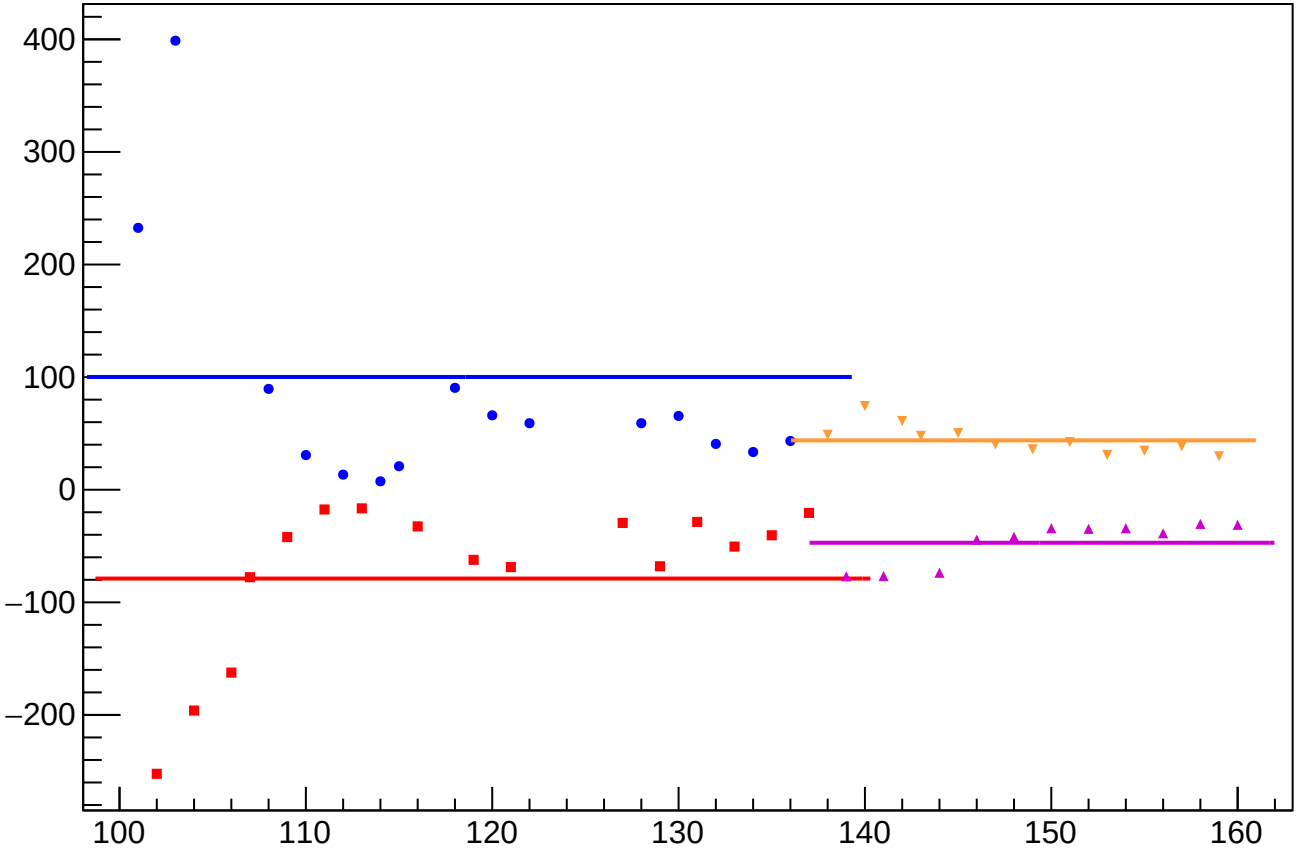
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

Out: -984.175+/-0.000 χ^2/NDF:104869294967123

Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121 6256.0/10

All: 24.933+/-0.000 χ^2/NDF: 2560823987852

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Left Out: 43.850+/-0.000 χ^2/NDF:1419169669218025909826122649666846 72.0/11

Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

Left: -1.794+/-0.000 χ^2/NDF: 4250943762759026 4

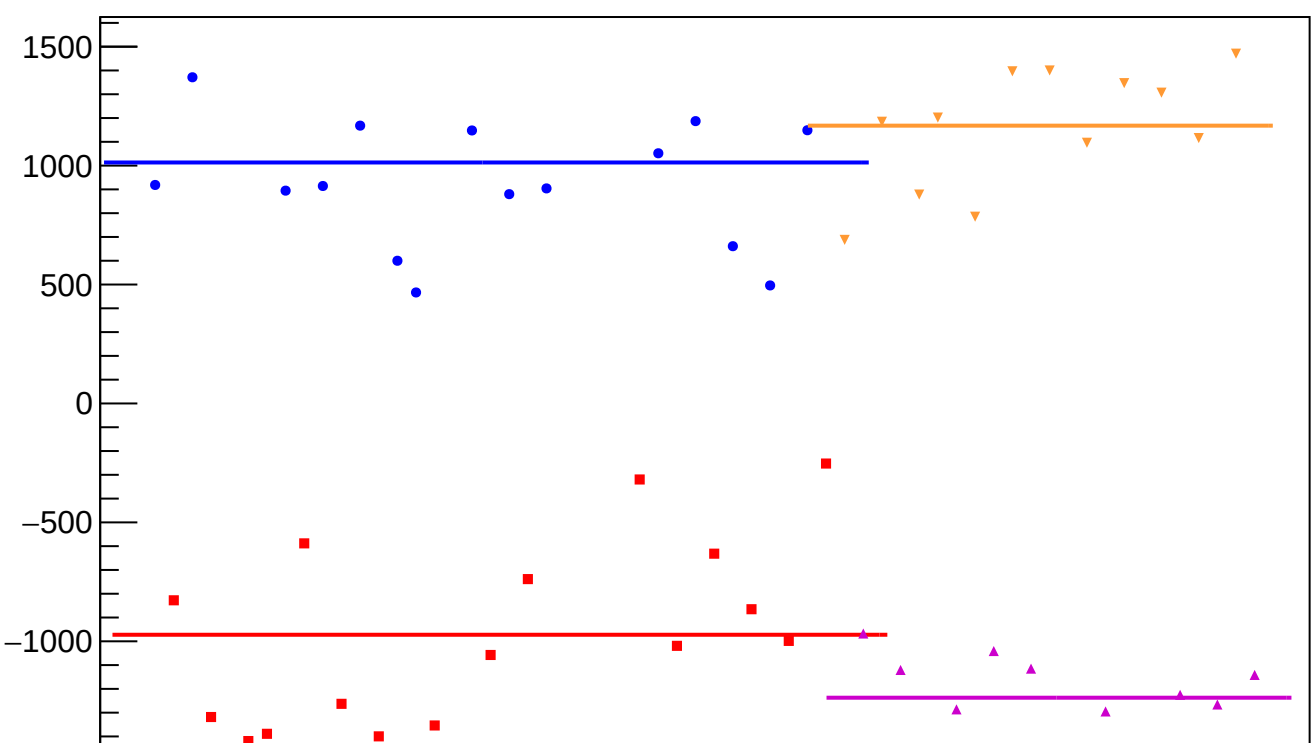
Right: 9.403+/-0.000 χ^2/NDF: 2188047710040254 1

In: 13.652+/-0.000 χ^2/NDF:1638001293624855 55

Out: -7.830+/-0.000 χ^2/NDF:9483401834976026 8

All: 2.873+/-0.000 χ^2/NDF: 2622763108466 7

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

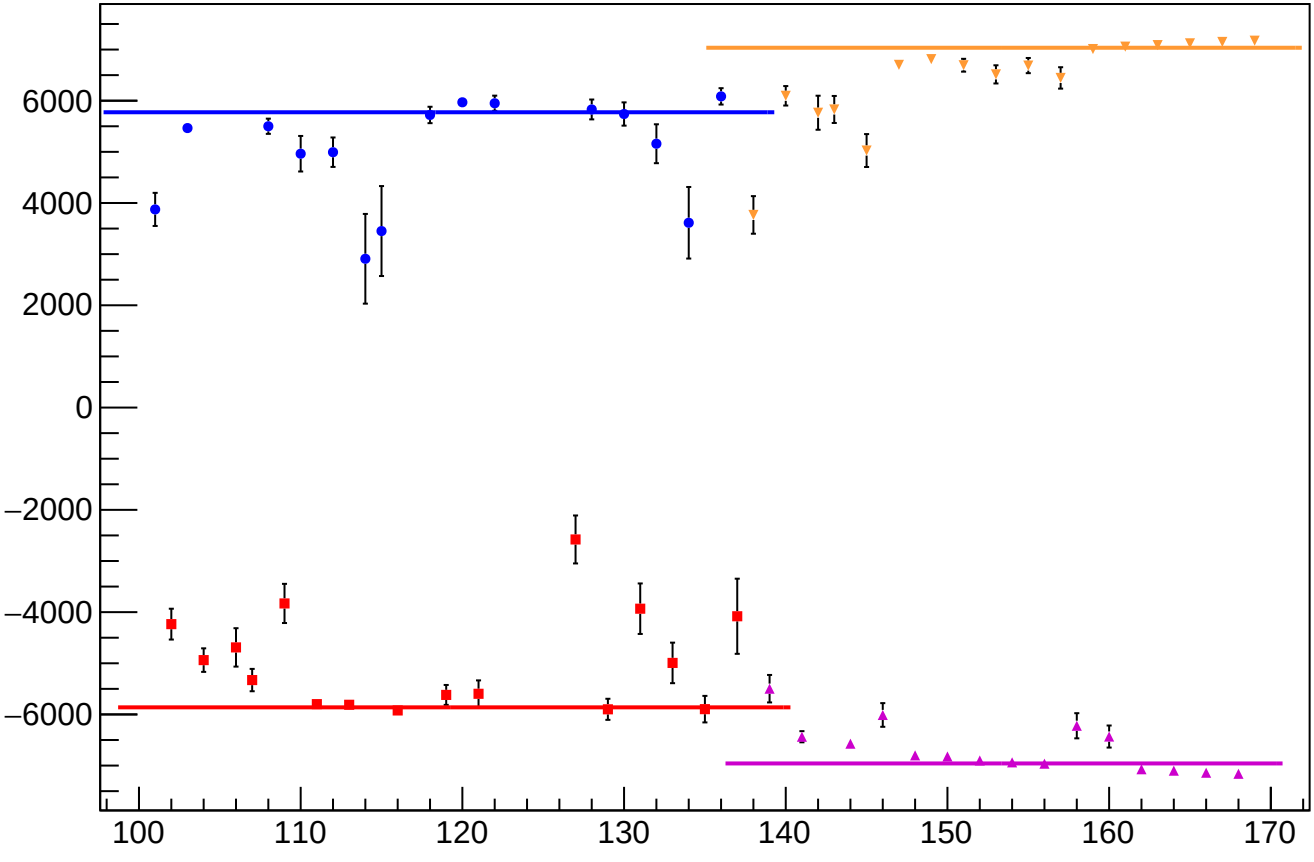
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7035.490+/-0.156 χ^2/NDF:809538.6/16

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -6958.335+/-0.140 χ^2/NDF:813898.2/14

Left: -739.348+/-0.104 χ^2/NDF: 4454168554.9/31

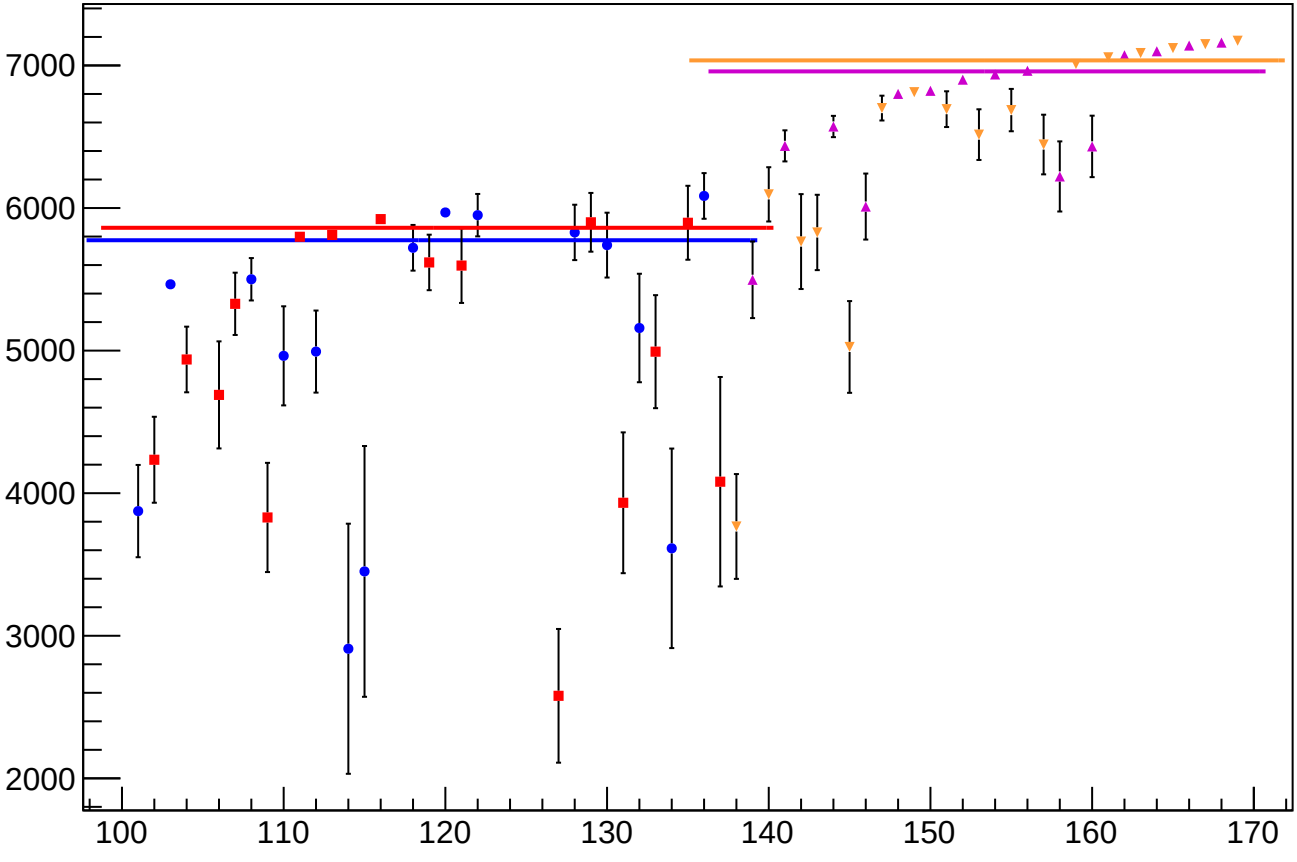
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -2215.537+/-0.111 χ^2/NDF:3092218531.0/29

Out: -140.412+/-0.104 χ^2/NDF:3788415070.6/32

All: -1113.962+/-0.076 χ^2/NDF: 7067011522

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7035.490+/-0.156 χ^2/NDF:809538.6/16

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6958.335+/-0.140 χ^2/NDF:813898.2/14

Left: 6992.624+/-0.104 χ^2/NDF: 1758788.6/31

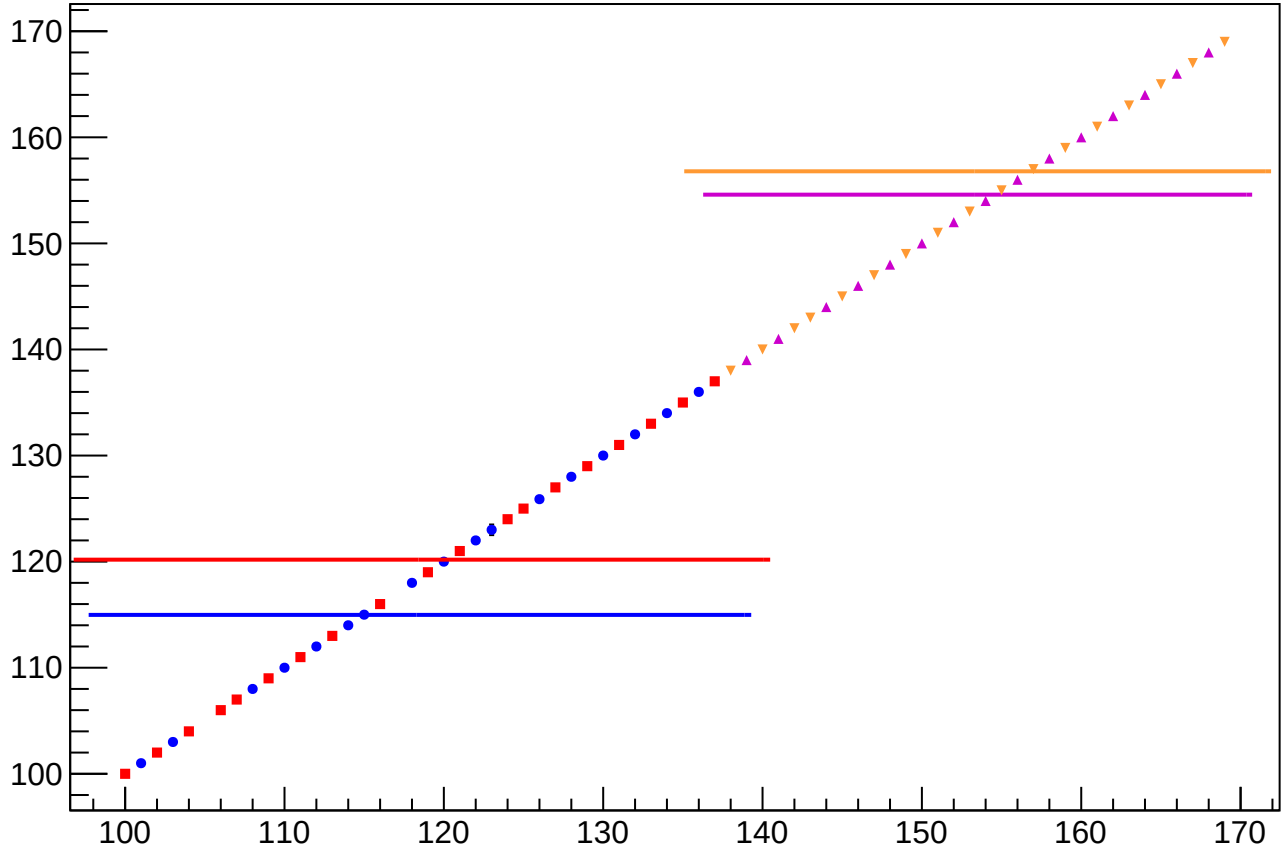
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6517.218+/-0.111 χ^2/NDF:29368708.2/29

Out: 6382.257+/-0.104 χ^2/NDF:32374972.7/32

All: 6445.574+/-0.076 χ^2/NDF: 62532033.4/6

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:596329467397399635633186789130 24.0/16

In: 128.720+/-0.000 χ^2/NDF:9481257976530759

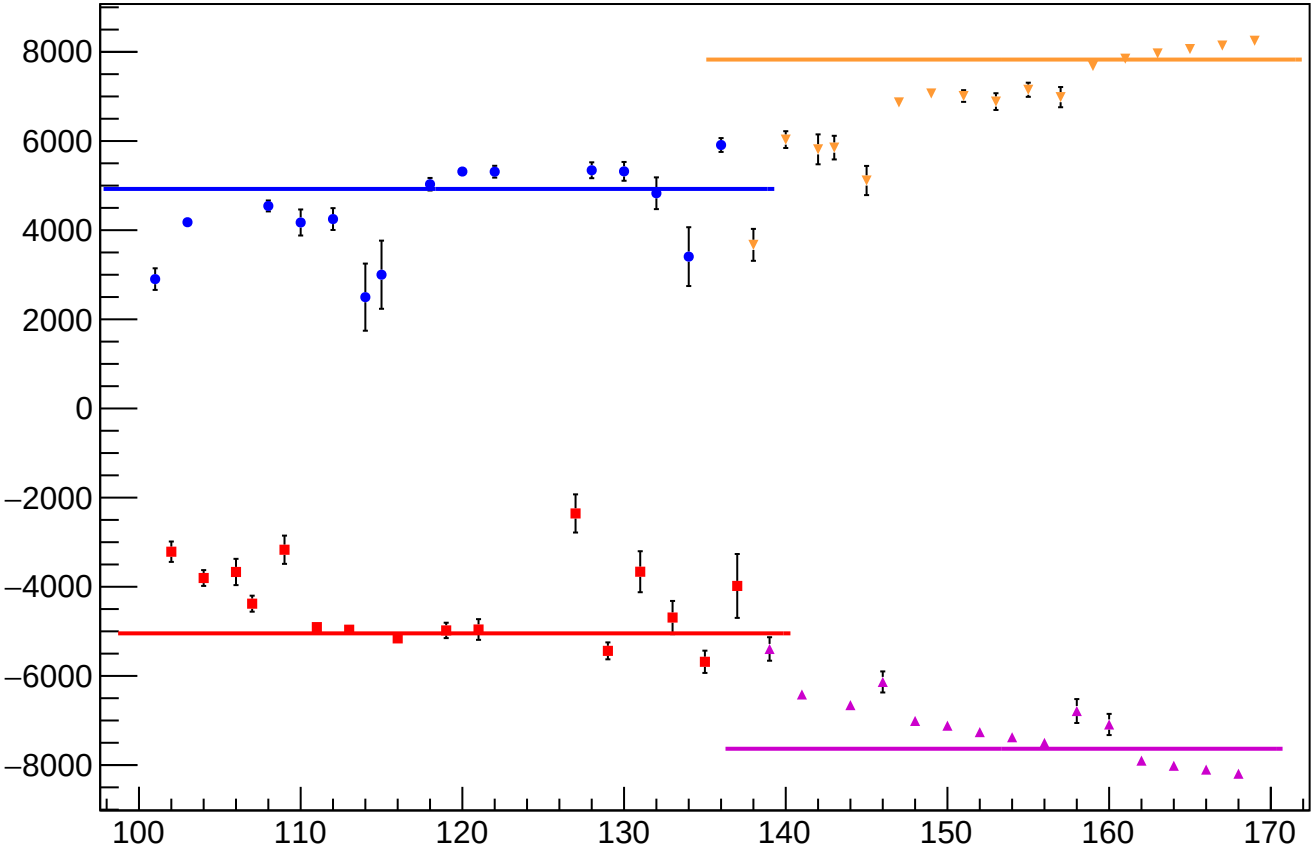
Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 136.036+/-0.000 χ^2/NDF:698022544359747

Left In: 154.594+/-0.000 χ^2/NDF:32593298913636077691501700710400.0/14

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: 7827.632+/-0.625 χ^2/NDF:405537.7/16

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7634.016+/-0.554 χ^2/NDF:595035.7/14

Left: -828.402+/-0.415 χ^2/NDF: 343328975.2/31

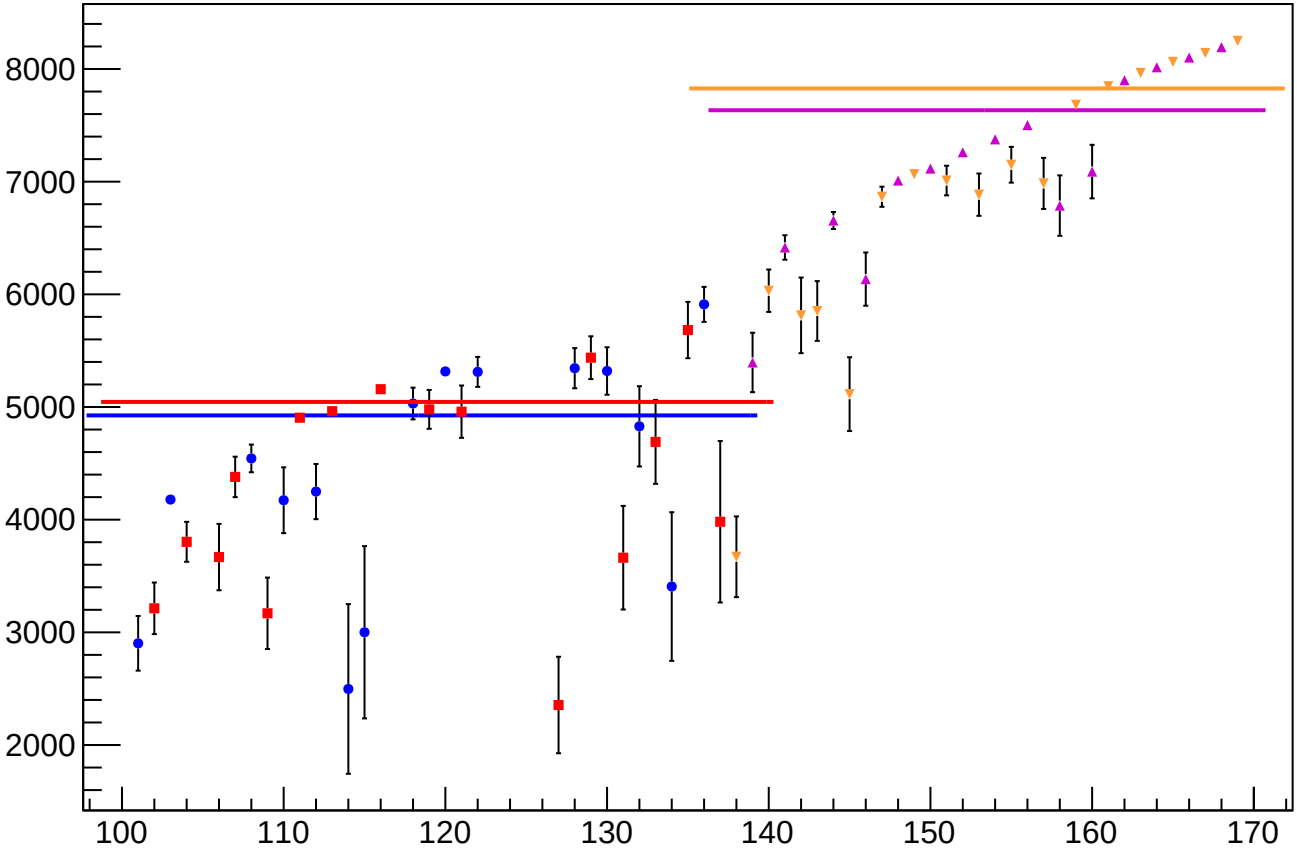
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -4385.889+/-0.477 χ^2/NDF:133640725.3/29

Out: 1814.545+/-0.456 χ^2/NDF:198424463.6/32

All: -1146.731+/-0.330 χ^2/NDF: 420197419.2

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7827.632+/-0.625 χ^2/NDF:405537.7/16

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7634.016+/-0.554 χ^2/NDF:595035.7/14

Left: 7719.238+/-0.415 χ^2/NDF: 1054253.4/31

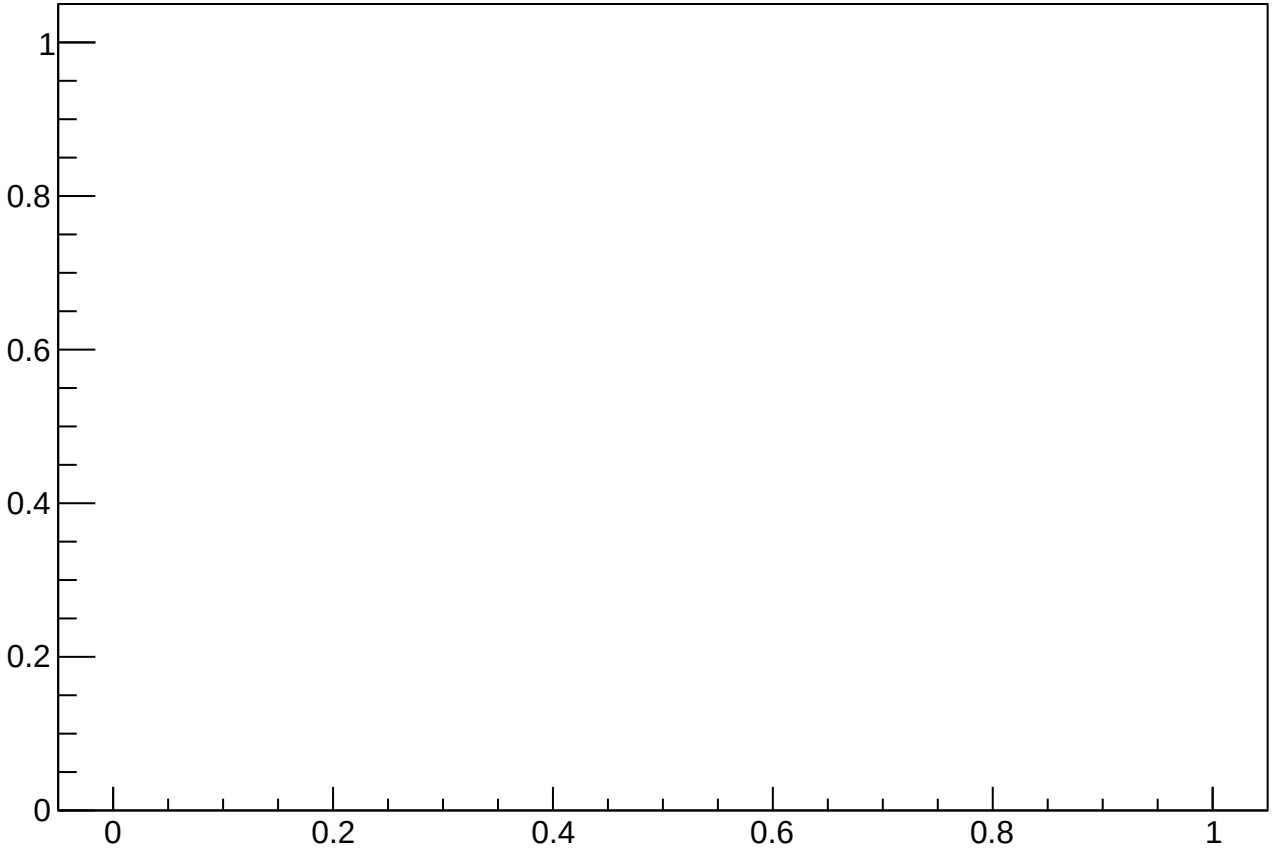
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 6933.482+/-0.477 χ^2/NDF:7099252.5/29

Out: 6527.930+/-0.456 χ^2/NDF:9685538.5/32

All: 6721.618+/-0.330 χ^2/NDF: 17161828.2/6

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

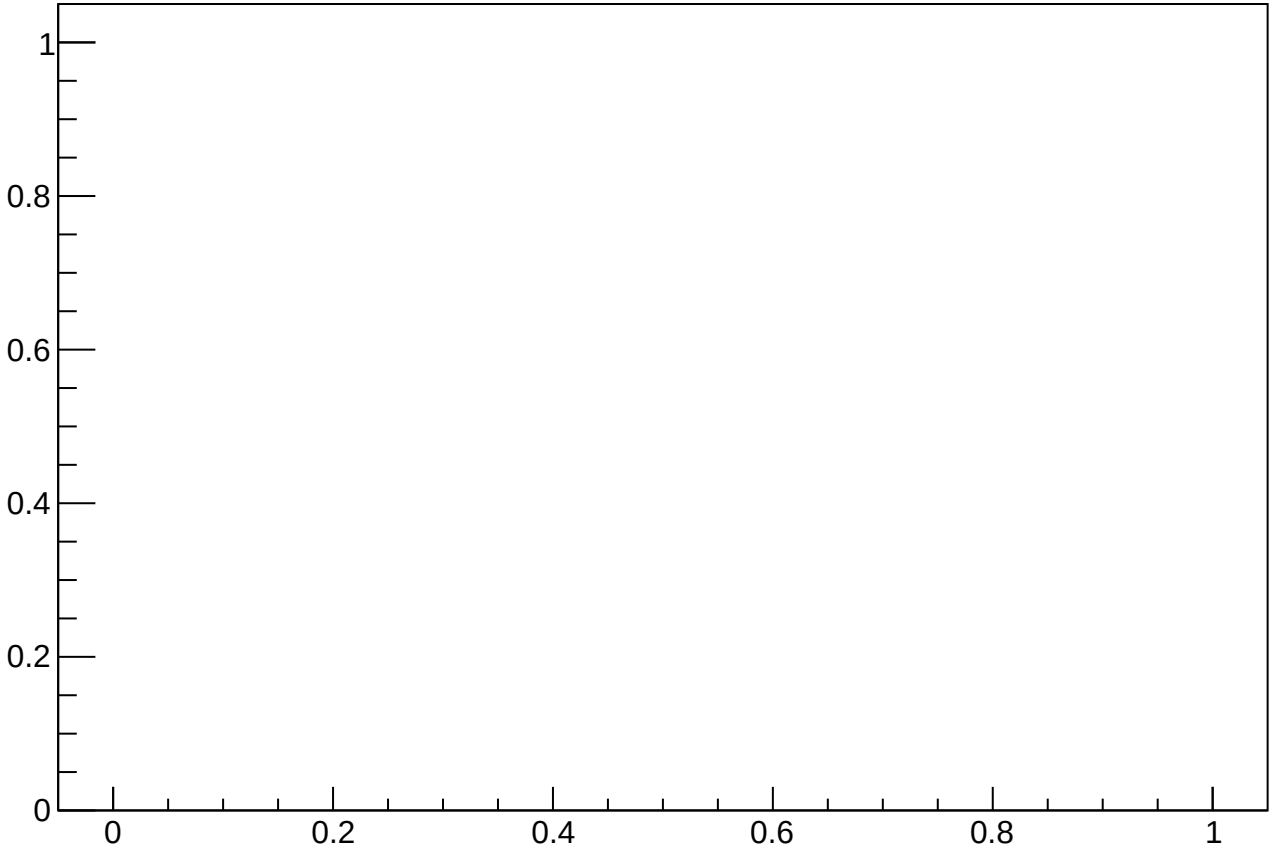
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

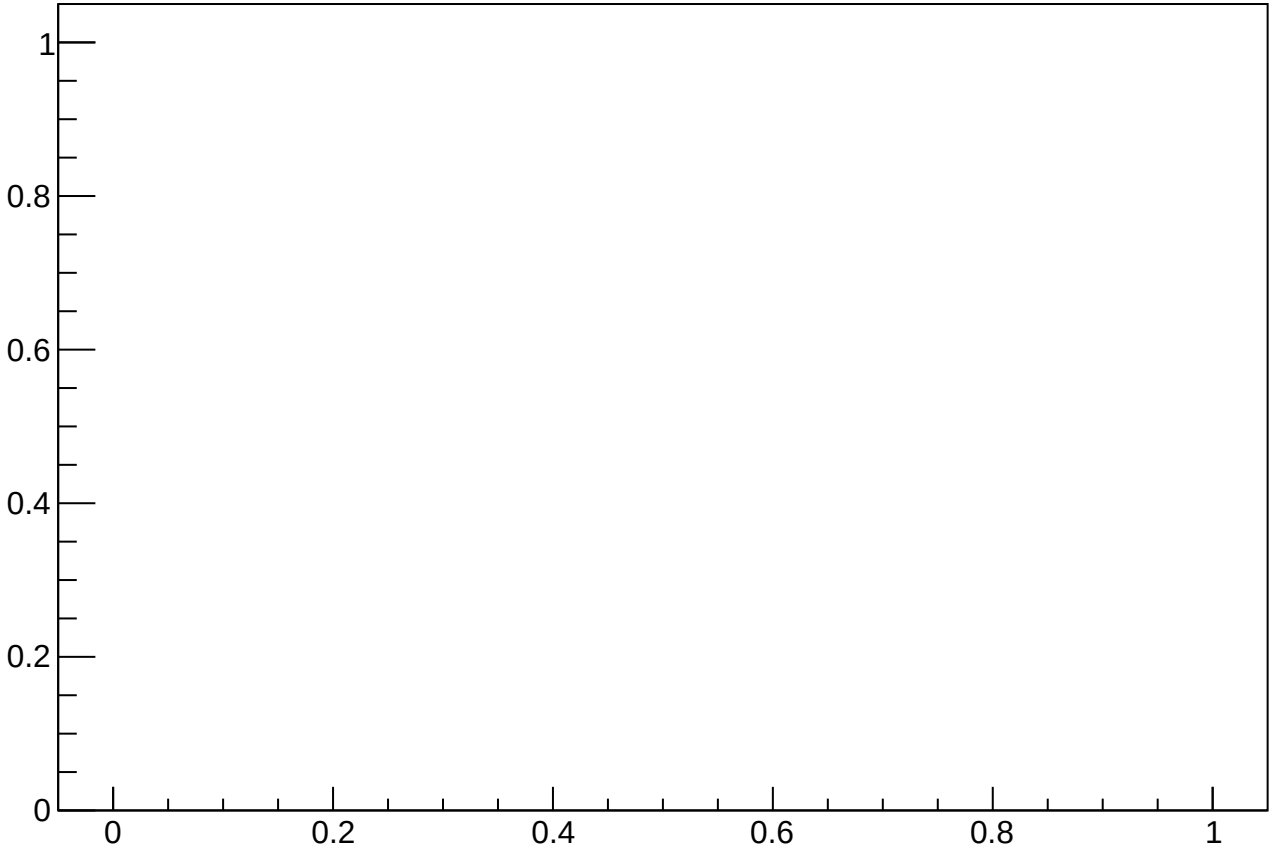
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

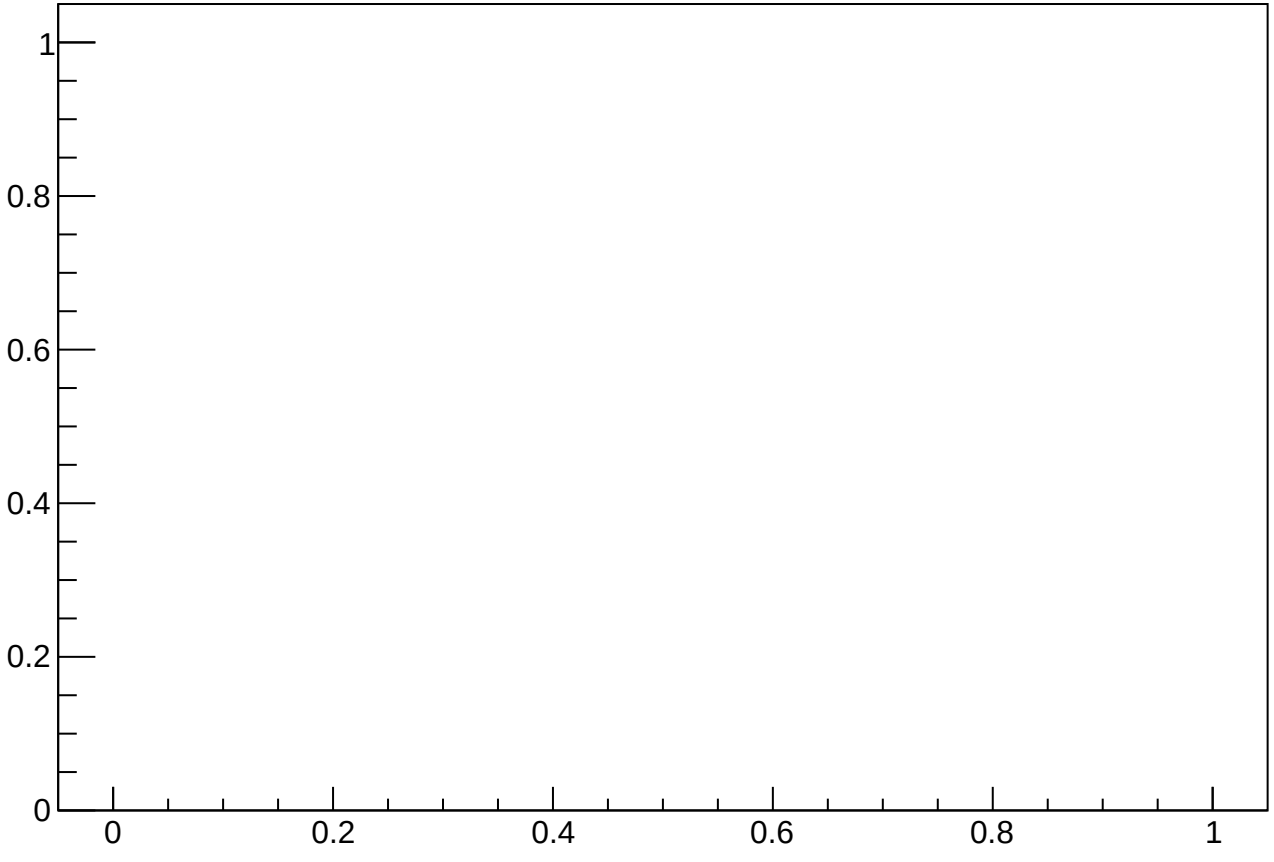
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

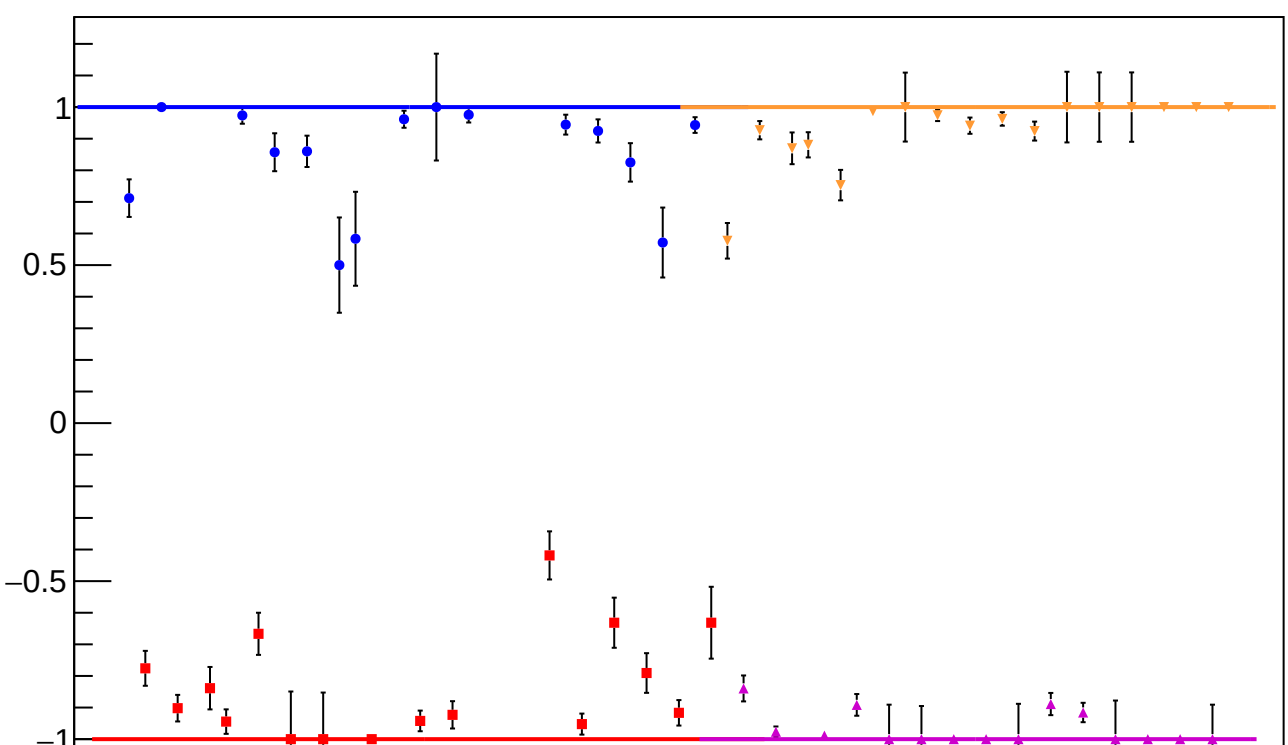
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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:181.6/16

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:1081.3/14

Left: -0.232+/-0.000 χ^2/NDF: 19884905699604819

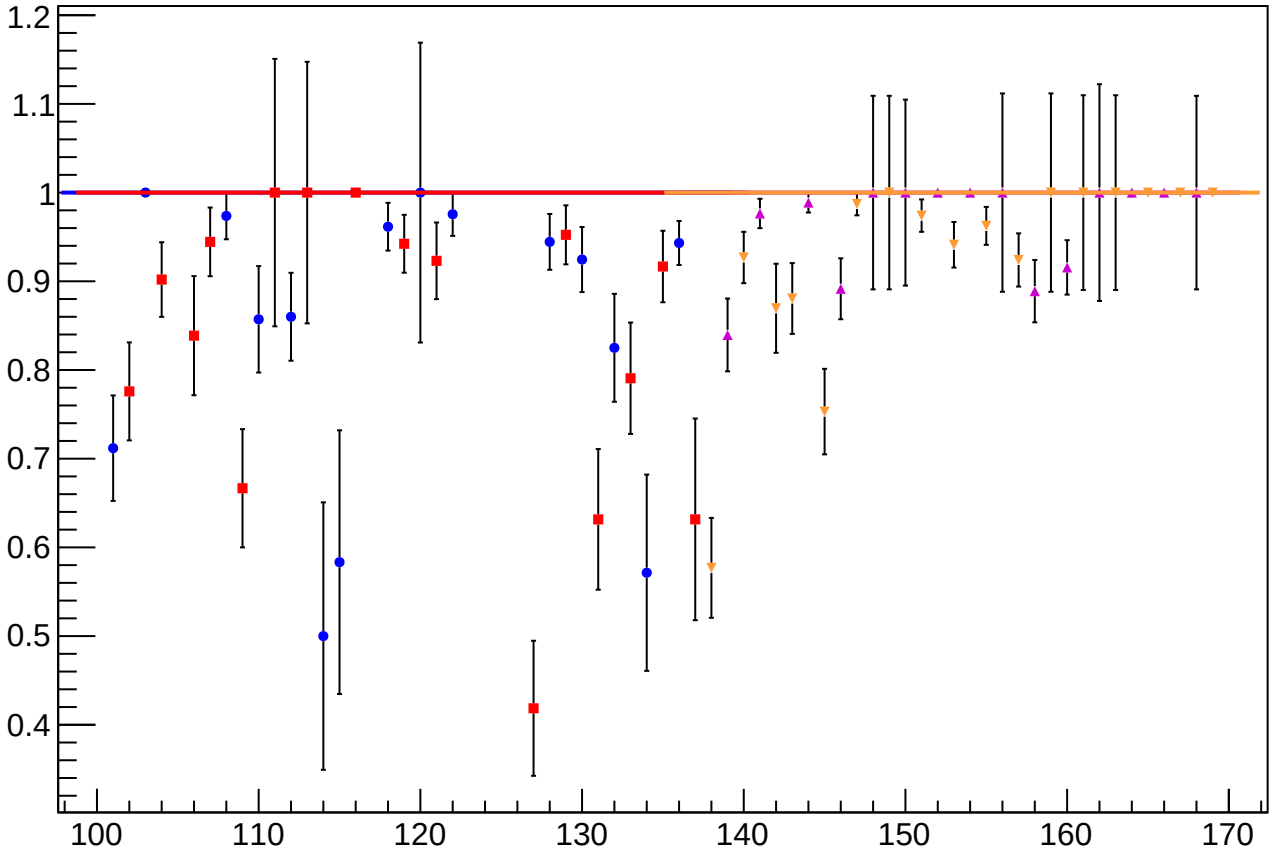
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

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:181.6/16

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:1081.3/14

Left: 1.000+/-0.000 χ^2/NDF: 695.4/31

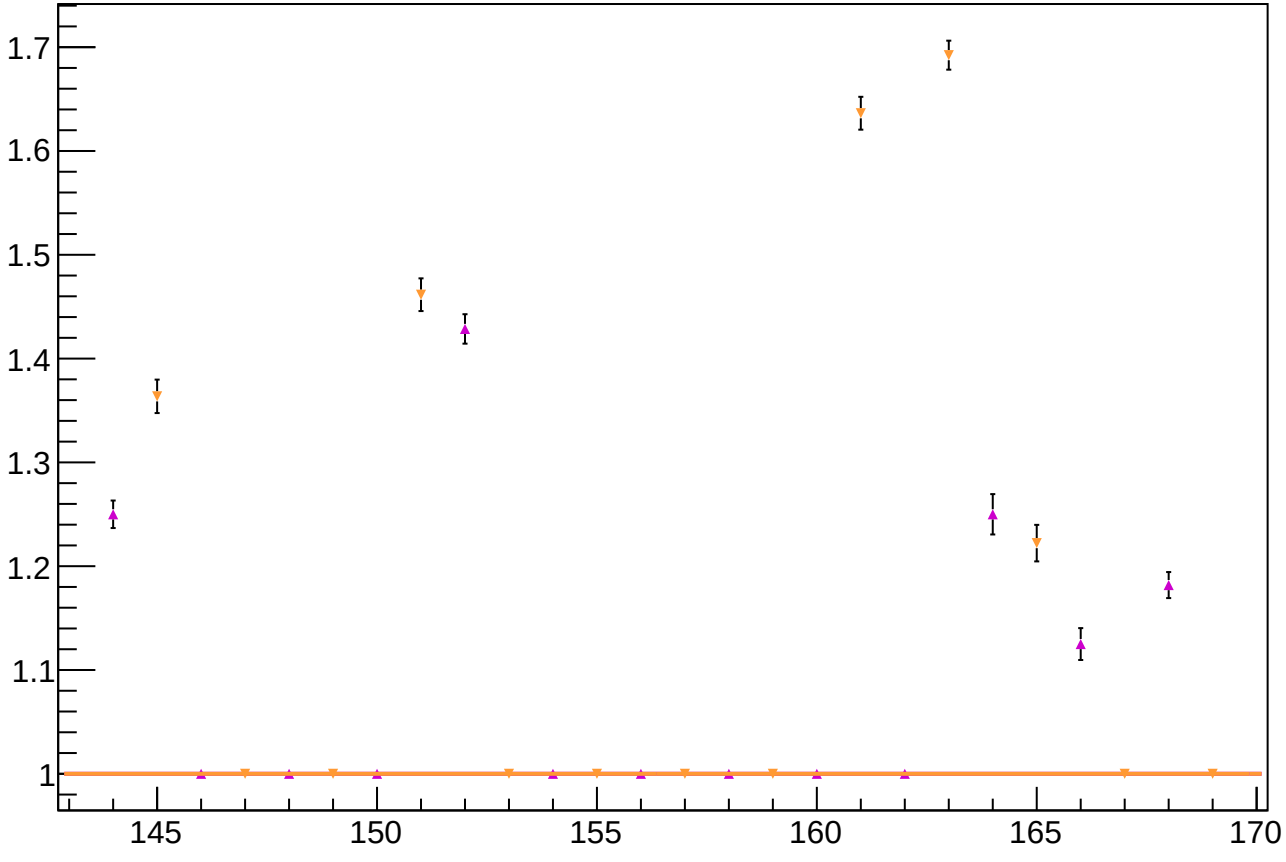
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:491.7/29

Out: 1.000+/-0.000 χ^2/NDF:1470.4/32

All: 1.000+/-0.000 χ^2/NDF: 1027.2/62

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:6060.3/12

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

Left In: 1.000+/-0.000 χ^2/NDF:2372.3/12

Left: 1.000+/-0.000 χ^2/NDF: 15401.4/25

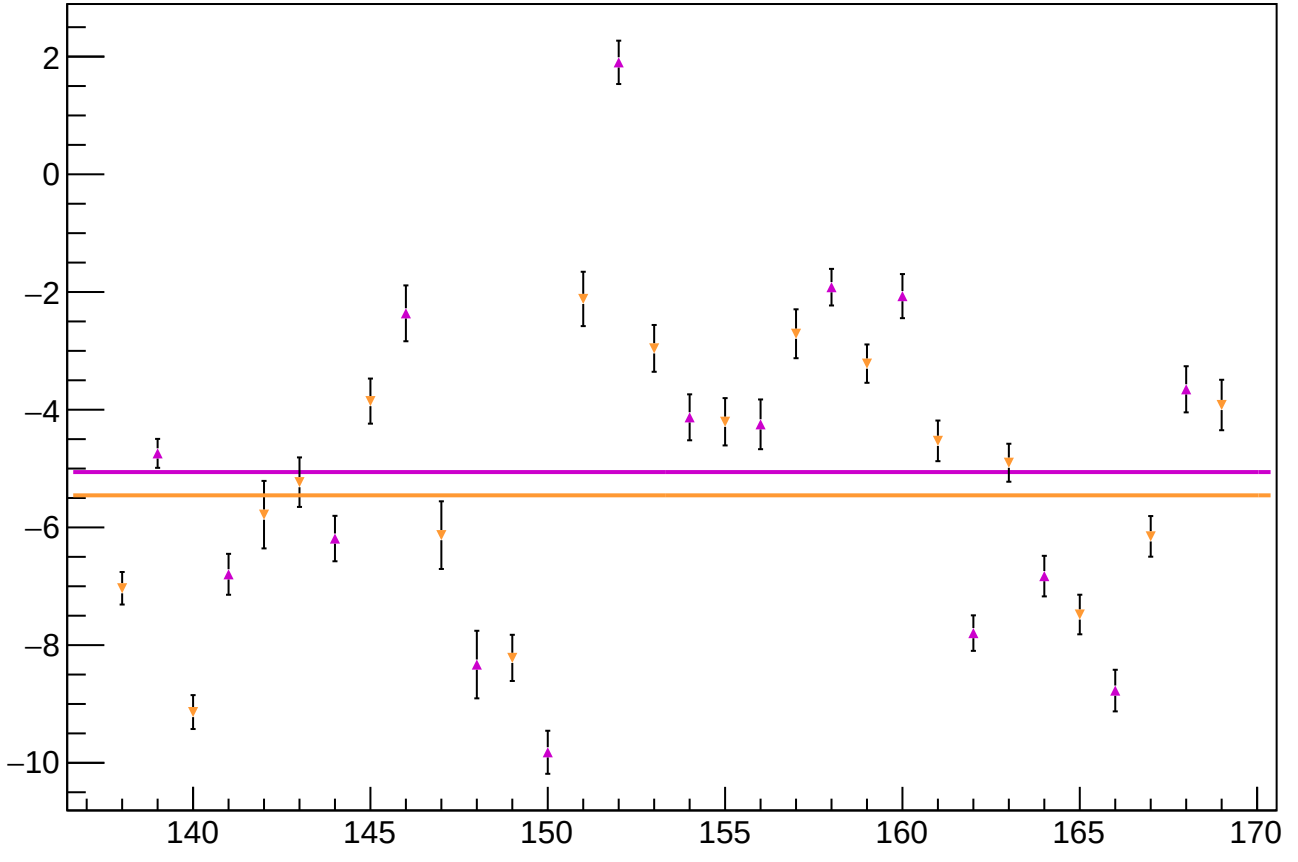
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:2372.3/12

Out: 1.000+/-0.000 χ^2/NDF:6060.3/12

All: 1.000+/-0.000 χ^2/NDF: 15401.4/25

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -5.455+/-0.090 χ^2/NDF:520.5/16

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

Left In: -5.060+/-0.092 χ^2/NDF:1033.5/14

Left: -5.262+/-0.064 χ^2/NDF: 1563.3/31

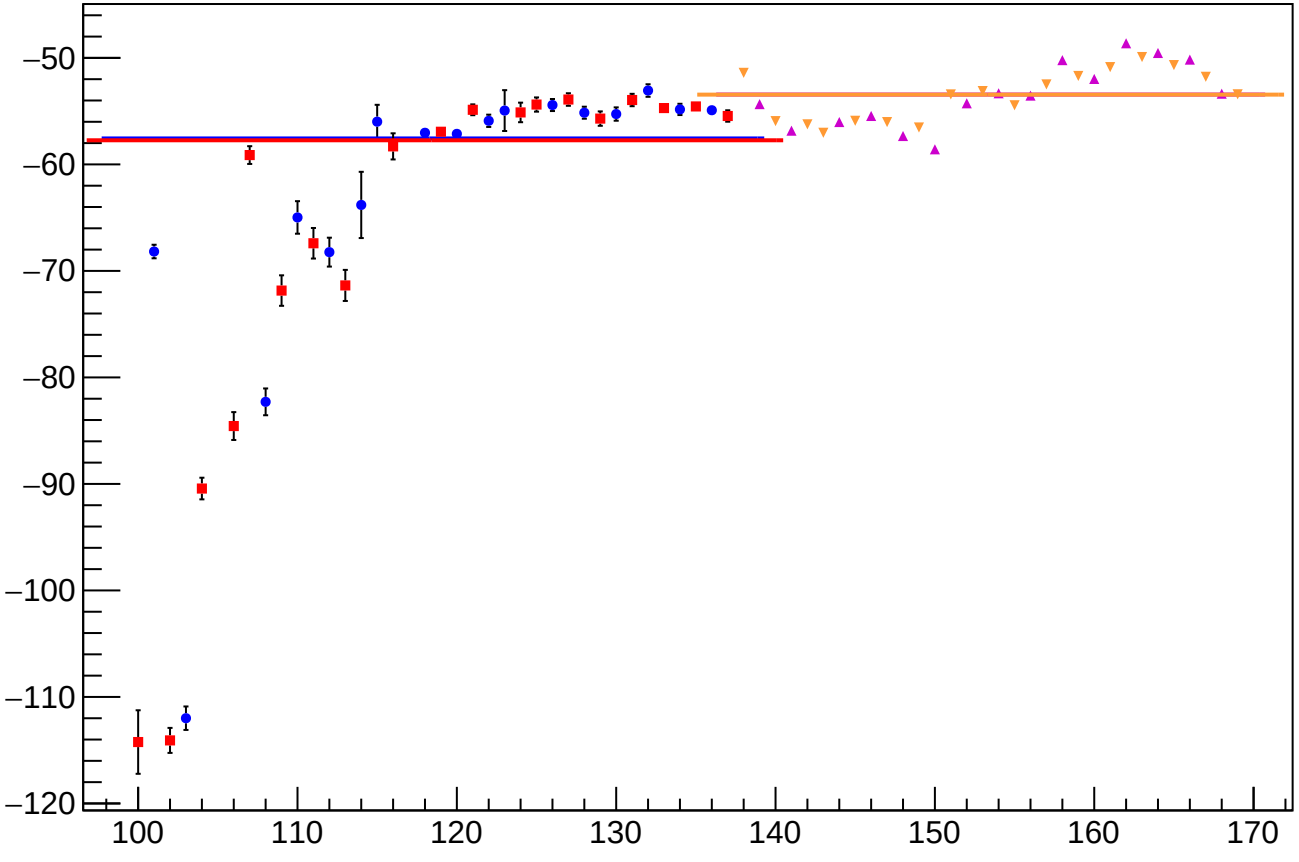
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.060+/-0.092 χ^2/NDF:1033.5/14

Out: -5.455+/-0.090 χ^2/NDF:520.5/16

All: -5.262+/-0.064 χ^2/NDF: 1563.3/31

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -53.449+/-0.067 χ^2/NDF:1168.3/16

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -53.443+/-0.071 χ^2/NDF:1872.3/14

Left: -53.446+/-0.049 χ^2/NDF: 3040.6/31

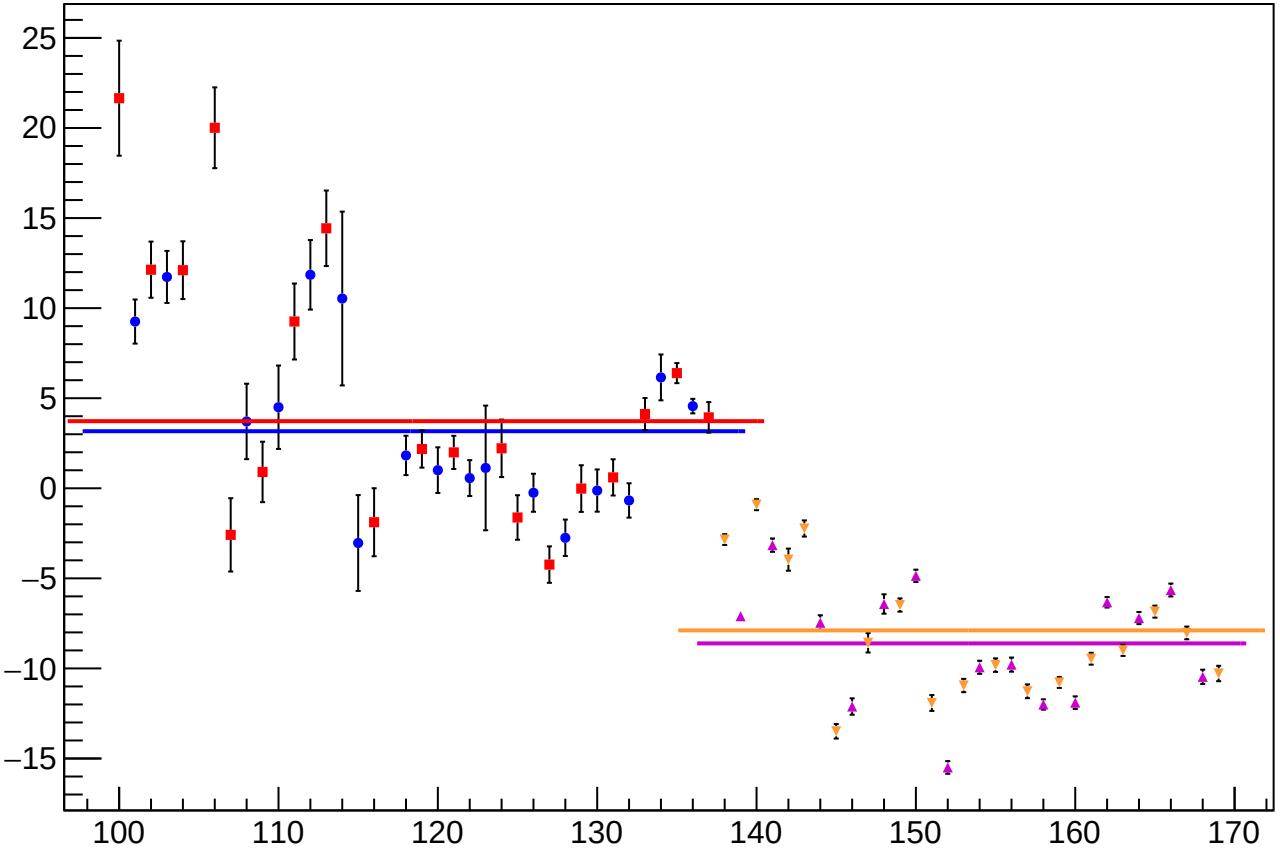
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -54.279+/-0.064 χ^2/NDF:6004.4/31

Out: -54.228+/-0.061 χ^2/NDF:6601.8/35

All: -54.252+/-0.044 χ^2/NDF: 12606.5/67

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.889+/-0.089 χ^2/NDF:1631.8/16

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -8.611+/-0.091 χ^2/NDF:1255.1/14

Left: -8.244+/-0.064 χ^2/NDF: 2919.1/31

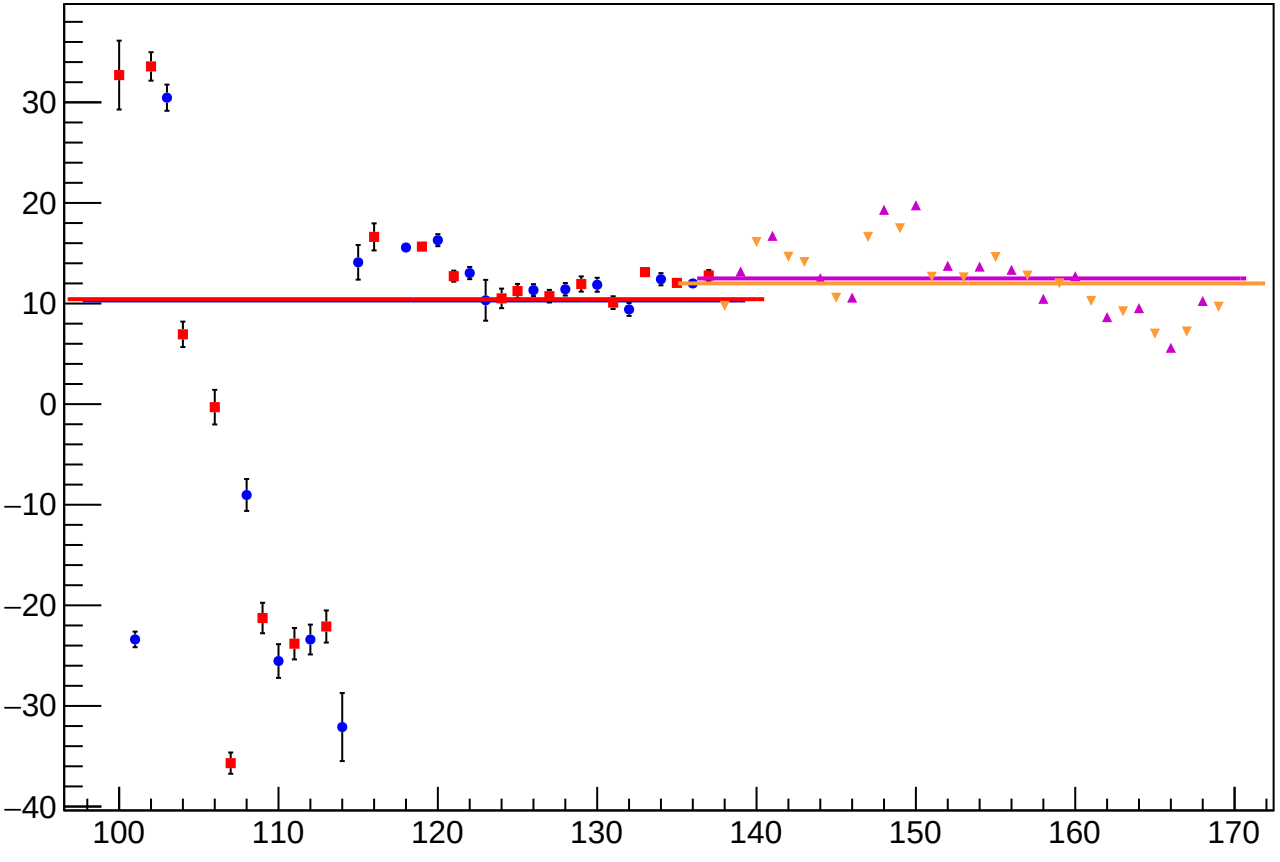
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -7.312+/-0.086 χ^2/NDF:3299.7/31

Out: -6.723+/-0.085 χ^2/NDF:3656.4/35

All: -7.014+/-0.060 χ^2/NDF: 6980.0/67

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 12.003+/-0.077 χ^2/NDF:1559.5/16

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 12.495+/-0.080 χ^2/NDF:2041.9/14

Left: 12.237+/-0.055 χ^2/NDF: 3621.1/31

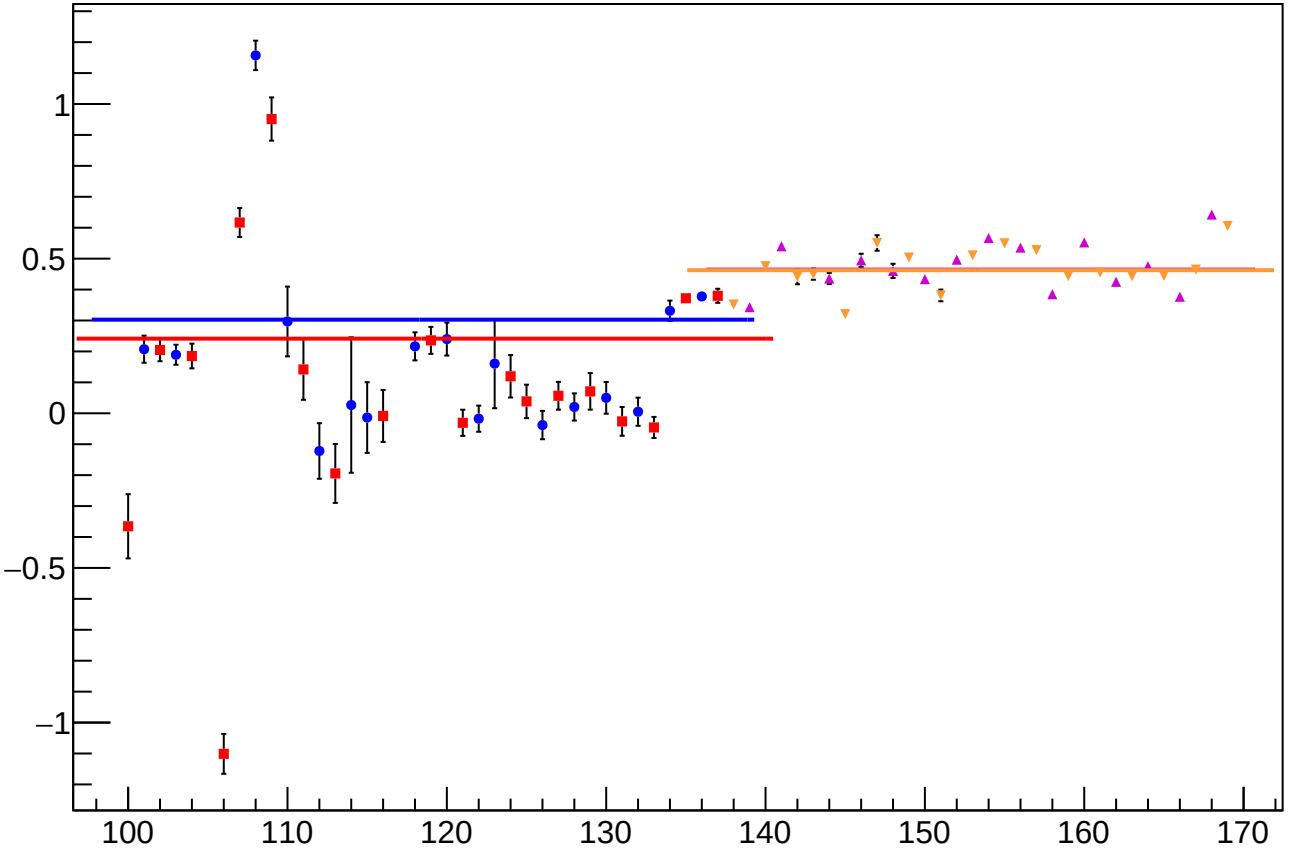
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 12.039+/-0.072 χ^2/NDF:5908.7/31

Out: 11.710+/-0.069 χ^2/NDF:5466.5/35

All: 11.869+/-0.050 χ^2/NDF: 11386.1/67

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.463+/-0.003 χ^2/NDF:385.6/16

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.465+/-0.004 χ^2/NDF:592.6/14

Left: 0.464+/-0.002 χ^2/NDF: 978.4/31

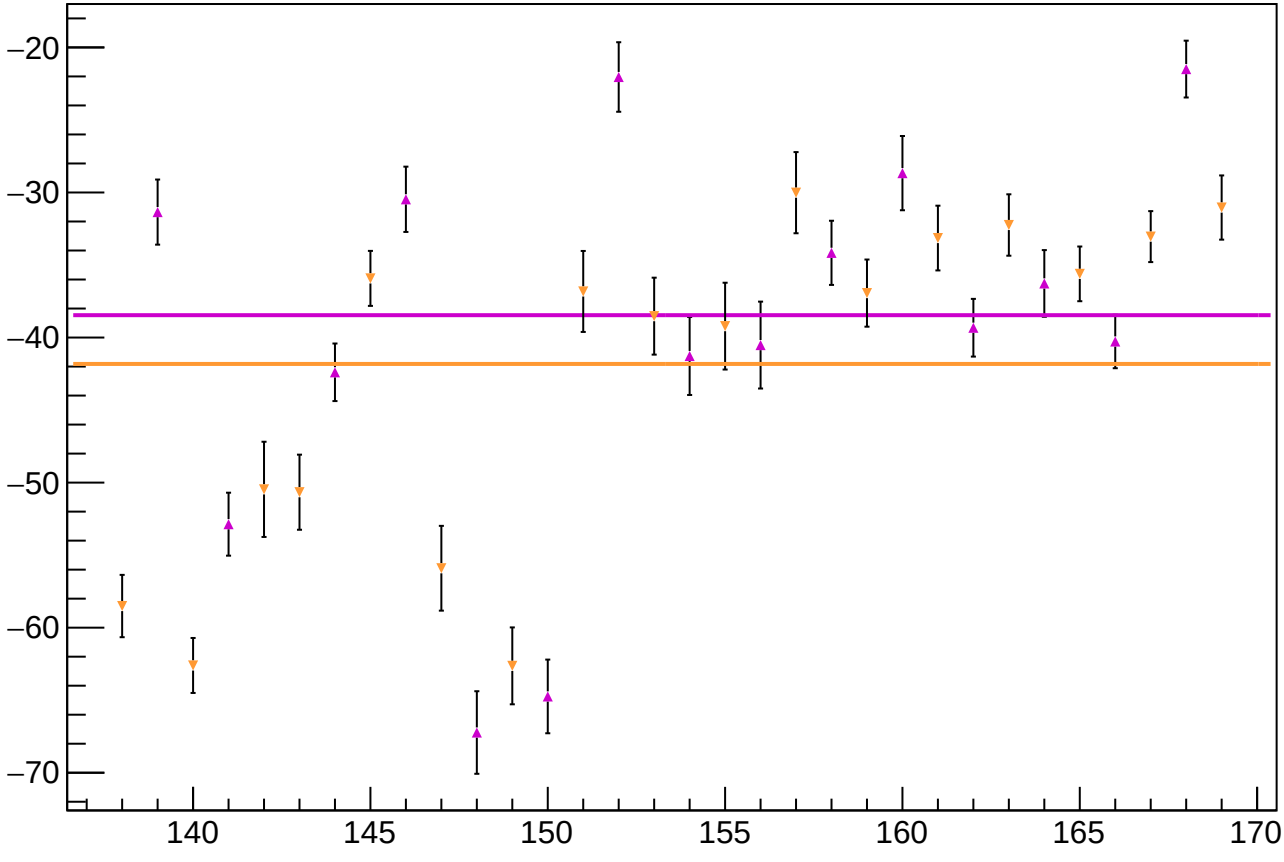
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.440+/-0.003 χ^2/NDF:1569.0/31

Out: 0.431+/-0.003 χ^2/NDF:1954.8/35

All: 0.435+/-0.002 χ^2/NDF: 3527.2/67

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.820+/-0.559 χ^2/NDF:416.7/16

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

Left In: -38.458+/-0.585 χ^2/NDF:424.0/14

Left: -40.218+/-0.404 χ^2/NDF: 857.9/31

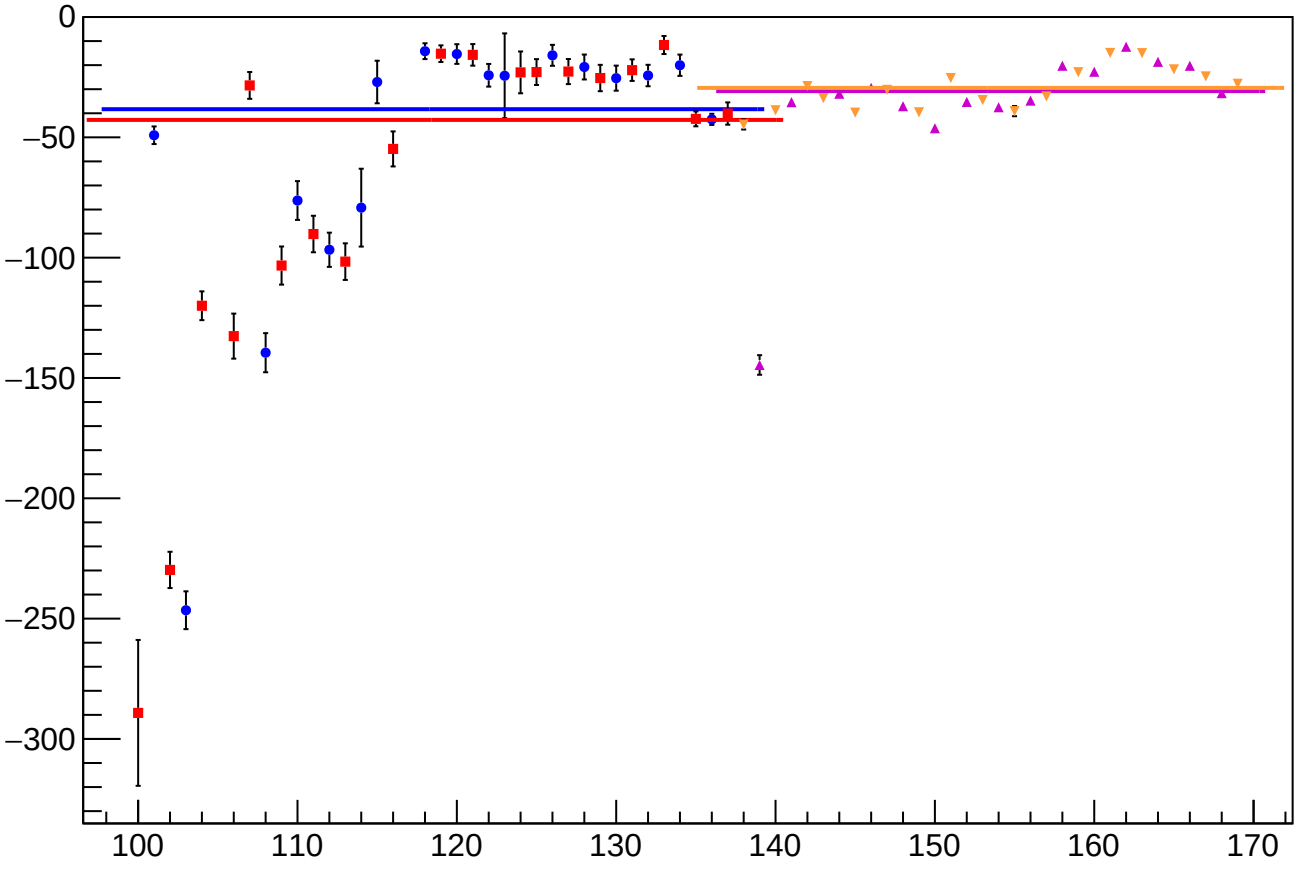
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.458+/-0.585 χ^2/NDF:424.0/14

Out: -41.820+/-0.559 χ^2/NDF:416.7/16

All: -40.218+/-0.404 χ^2/NDF: 857.9/31

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -29.448+/-0.406 χ^2/NDF:431.4/16

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -30.779+/-0.431 χ^2/NDF:1203.2/14

Left: -30.074+/-0.296 χ^2/NDF: 1639.6/31

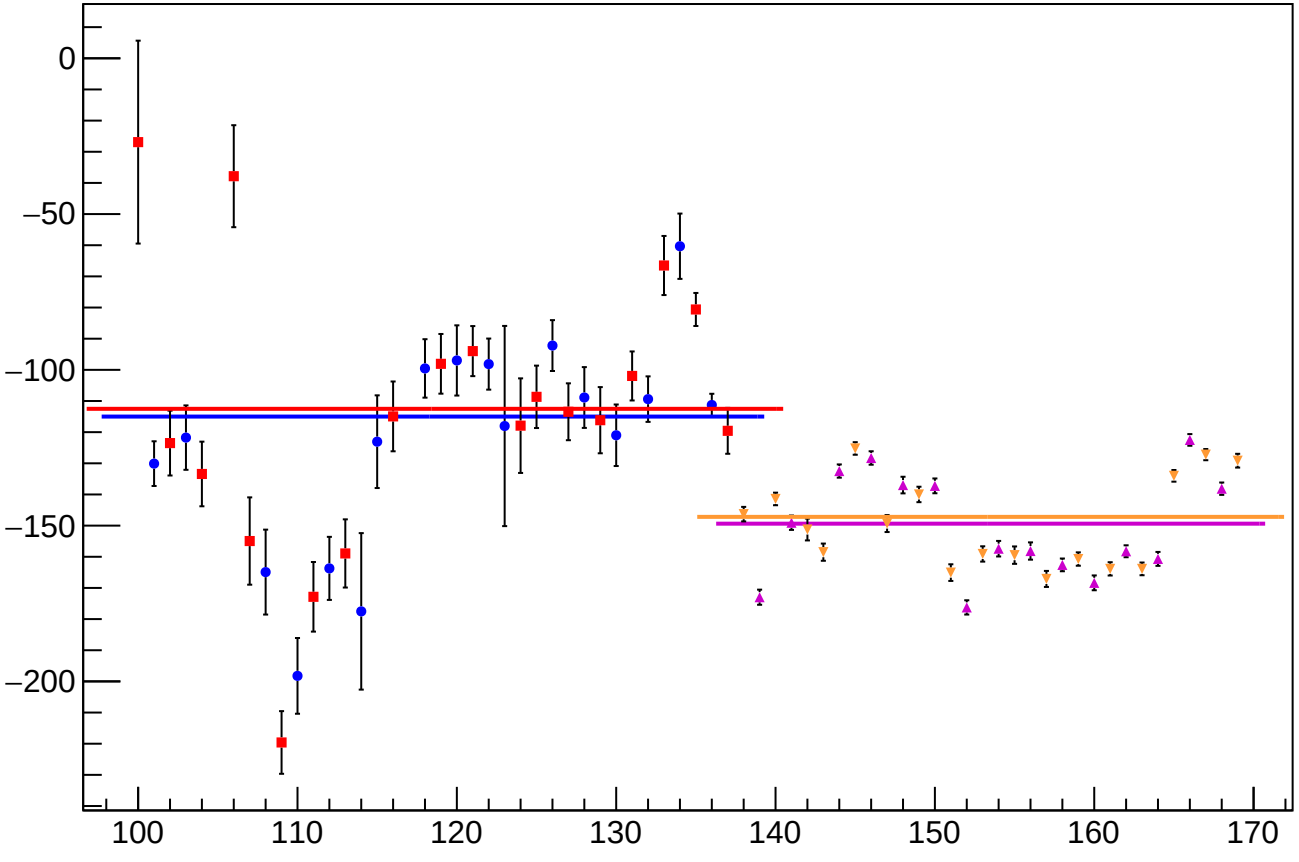
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -31.726+/-0.403 χ^2/NDF:2374.2/31

Out: -30.794+/-0.385 χ^2/NDF:1881.6/35

All: -31.239+/-0.278 χ^2/NDF: 4258.5/67

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -147.189+/-0.555 χ^2/NDF:708.6/16

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -149.374+/-0.575 χ^2/NDF:849.3/14

Left: -148.242+/-0.400 χ^2/NDF: 1565.4/31

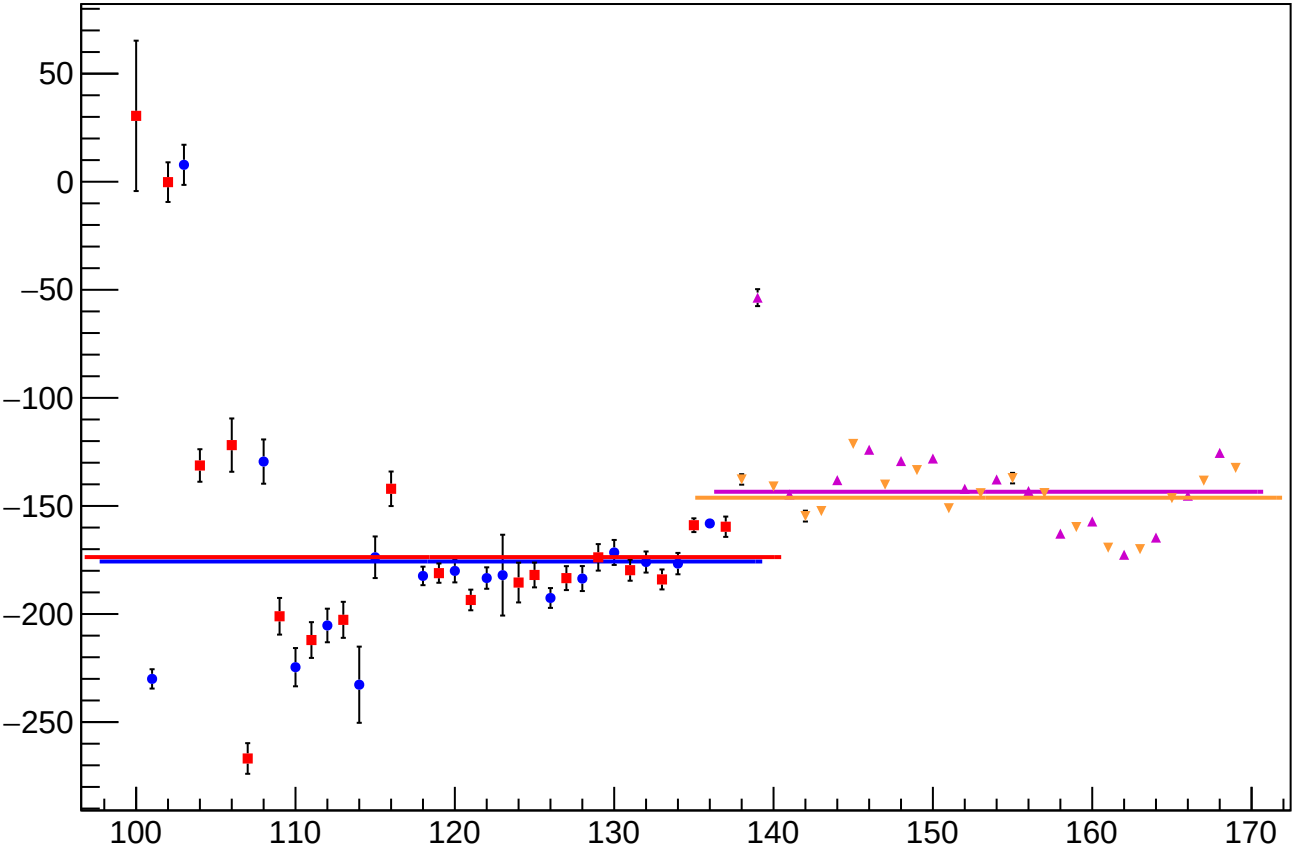
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -146.913+/-0.554 χ^2/NDF:1246.6/31

Out: -145.125+/-0.538 χ^2/NDF:1214.0/35

All: -145.992+/-0.386 χ^2/NDF: 2465.9/67

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -146.195+/-0.467 χ^2/NDF:848.6/16

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -143.437+/-0.496 χ^2/NDF:1489.4/14

Left: -144.900+/-0.340 χ^2/NDF: 2354.4/31

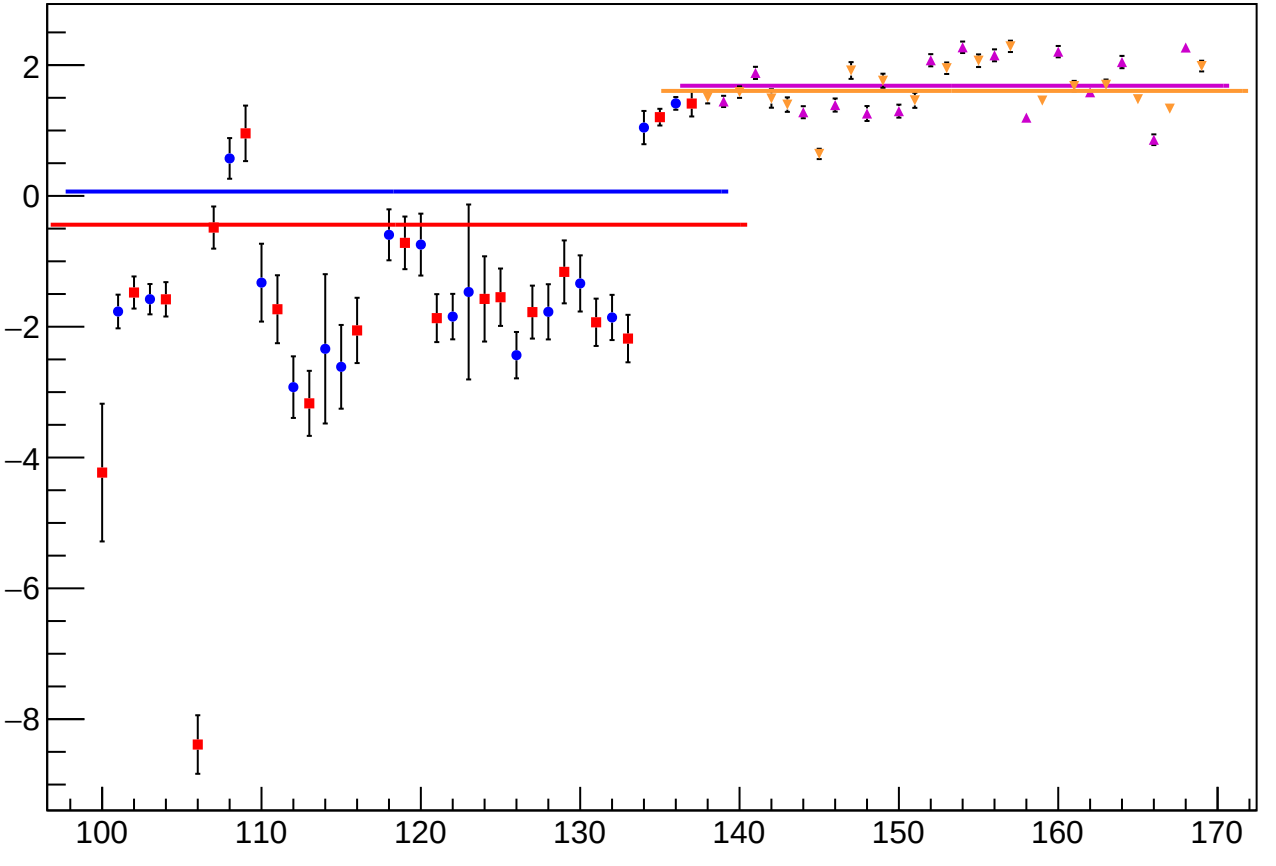
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -147.723+/-0.462 χ^2/NDF:2744.0/31

Out: -149.108+/-0.442 χ^2/NDF:1953.3/35

All: -148.447+/-0.319 χ^2/NDF: 4701.9/67

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+/-0.022 χ^2/NDF:307.2/16

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.684+/-0.023 χ^2/NDF:416.0/14

Left: 1.643+/-0.016 χ^2/NDF: 729.5/31

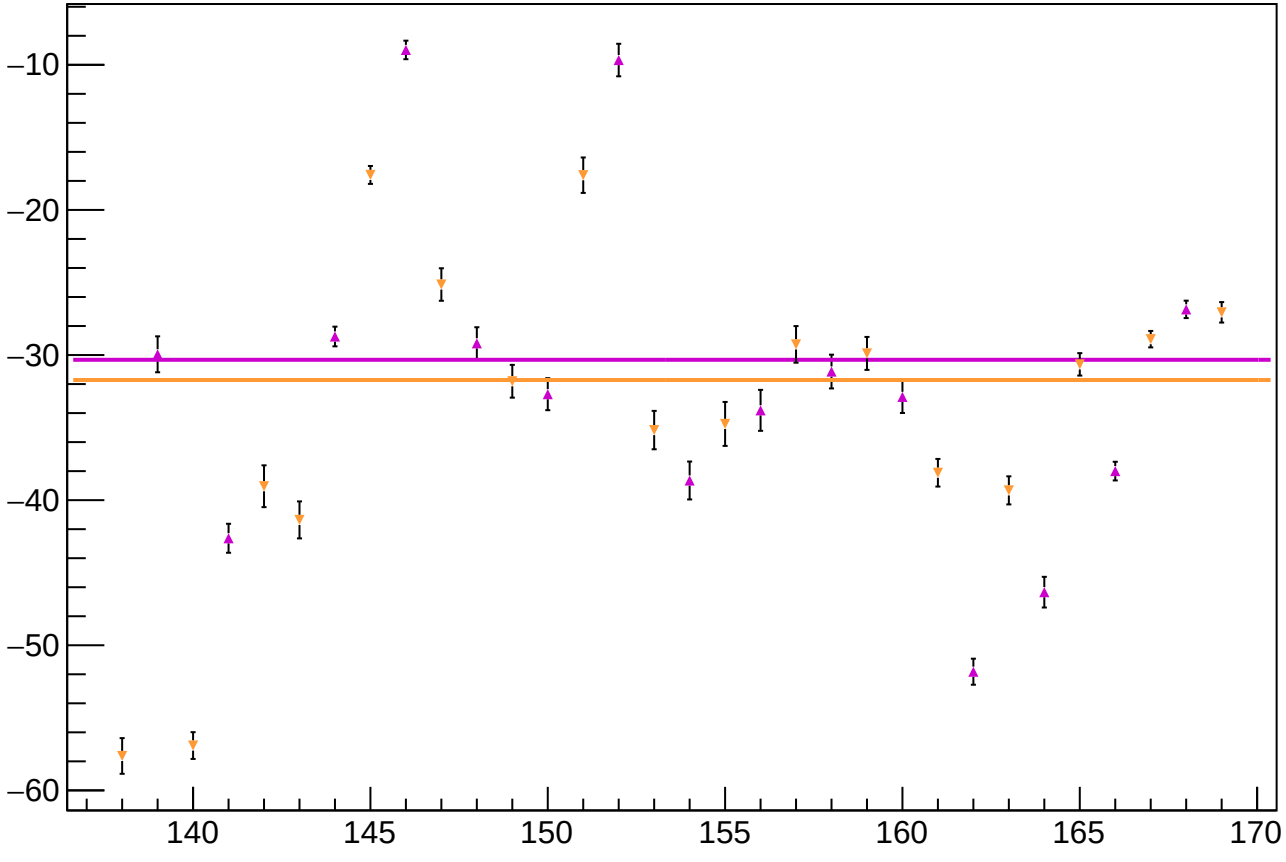
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.518+/-0.021 χ^2/NDF:1465.4/31

Out: 1.430+/-0.021 χ^2/NDF:1818.9/35

All: 1.473+/-0.015 χ^2/NDF: 3292.8/67

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.720+/-0.228 χ^2/NDF:2159.4/16

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

Left In: -30.327+/-0.231 χ^2/NDF:2651.7/14

Left: -31.033+/-0.162 χ^2/NDF: 4829.4/31

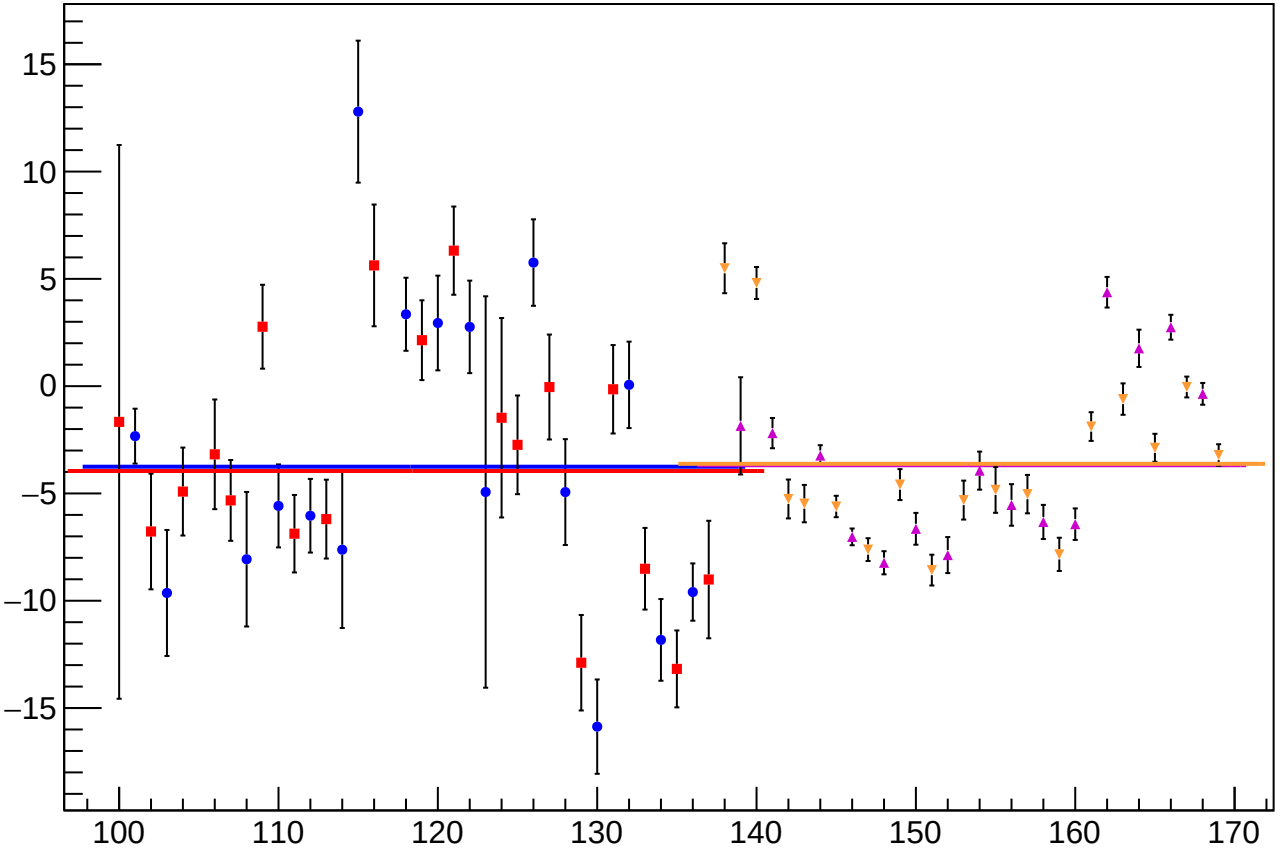
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.327+/-0.231 χ^2/NDF:2651.7/14

Out: -31.720+/-0.228 χ^2/NDF:2159.4/16

All: -31.033+/-0.162 χ^2/NDF: 4829.4/31

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -3.620+/-0.166 χ^2/NDF:436.2/16

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -3.685+/-0.167 χ^2/NDF:553.1/14

Left: -3.652+/-0.118 χ^2/NDF: 989.4/31

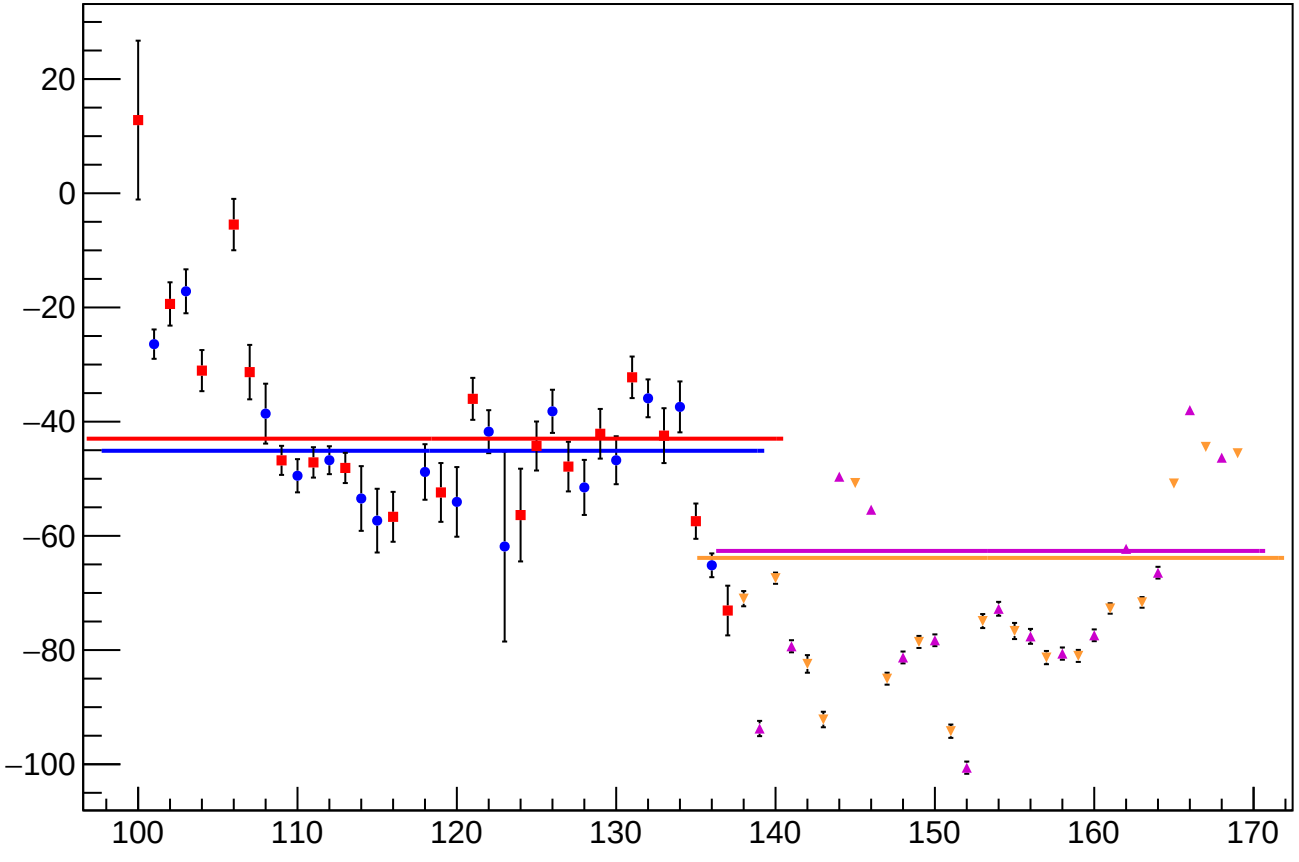
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -3.692+/-0.159 χ^2/NDF:718.5/31

Out: -3.652+/-0.158 χ^2/NDF:559.9/35

All: -3.672+/-0.112 χ^2/NDF: 1278.4/67

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -63.860+/-0.228 χ^2/NDF:5203.2/16

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -62.637+/-0.229 χ^2/NDF:5889.6/14

Left: -63.251+/-0.161 χ^2/NDF: 11107.2/31

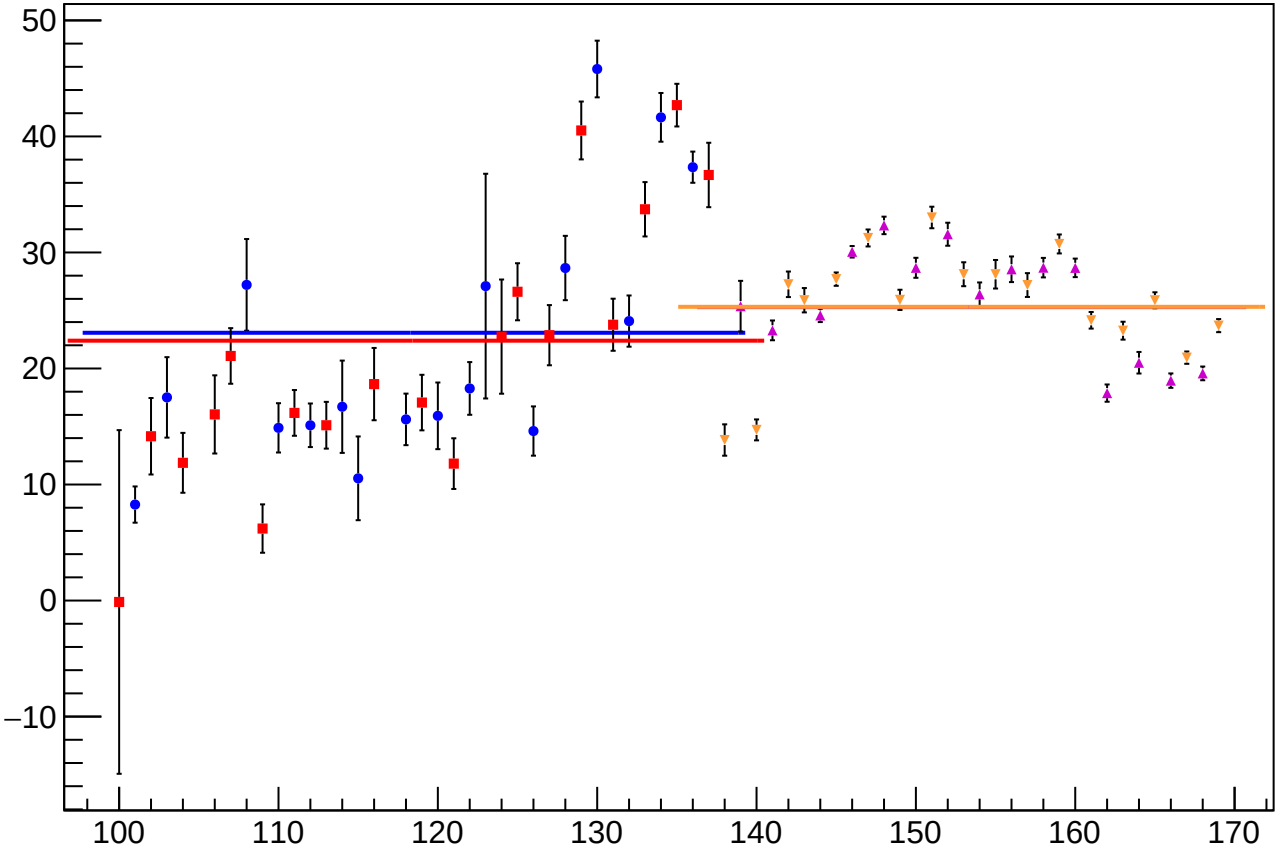
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -61.530+/-0.221 χ^2/NDF:6490.8/31

Out: -62.542+/-0.220 χ^2/NDF:5982.7/35

All: -62.038+/-0.156 χ^2/NDF: 12484.0/67

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 25.316+/-0.191 χ^2/NDF:512.4/16

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 25.288+/-0.196 χ^2/NDF:610.4/14

Left: 25.302+/-0.137 χ^2/NDF: 1122.9/31

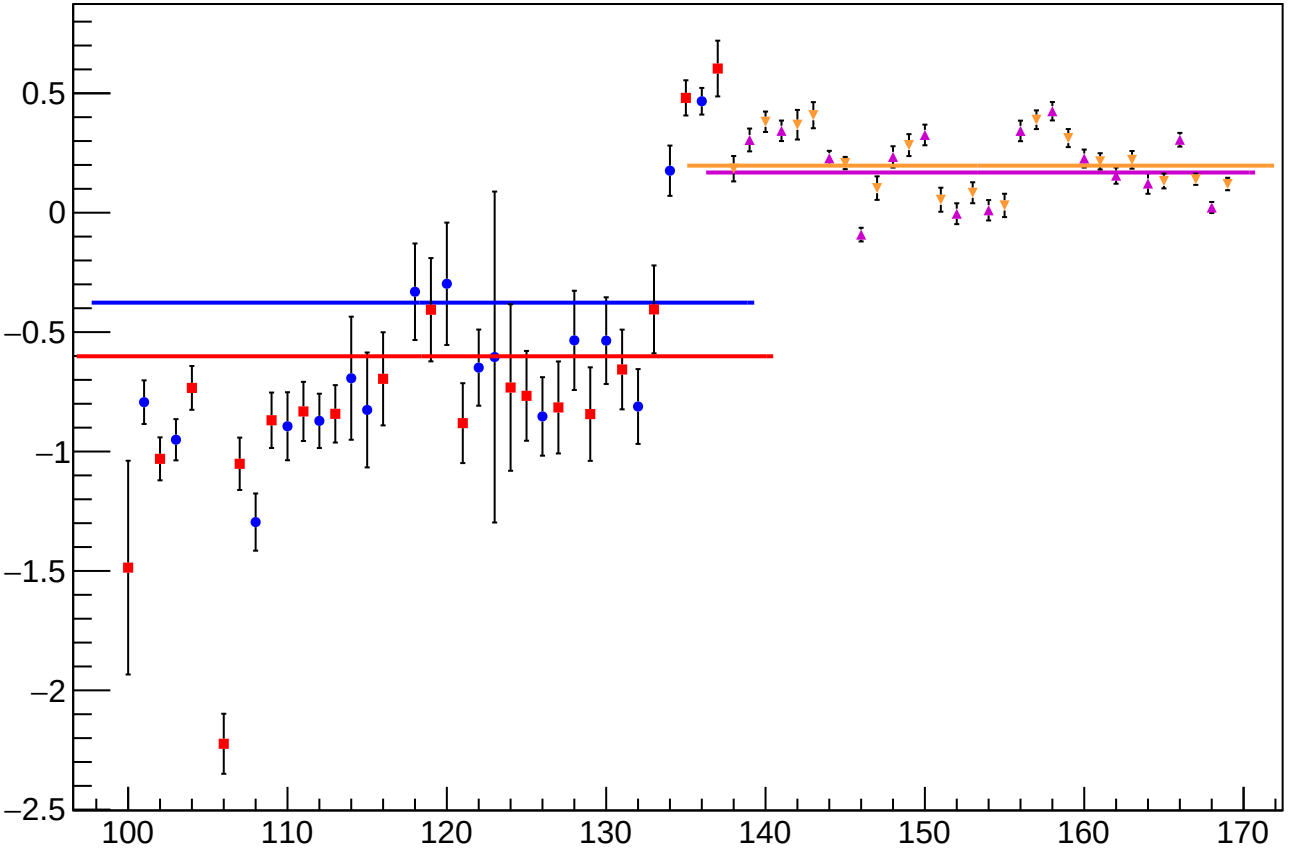
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 25.043+/-0.185 χ^2/NDF:1085.6/31

Out: 25.023+/-0.181 χ^2/NDF:906.1/35

All: 25.033+/-0.129 χ^2/NDF: 1991.7/67

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.197+/-0.009 χ^2/NDF:127.7/16

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.168+/-0.009 χ^2/NDF:282.9/14

Left: 0.183+/-0.006 χ^2/NDF: 415.6/31

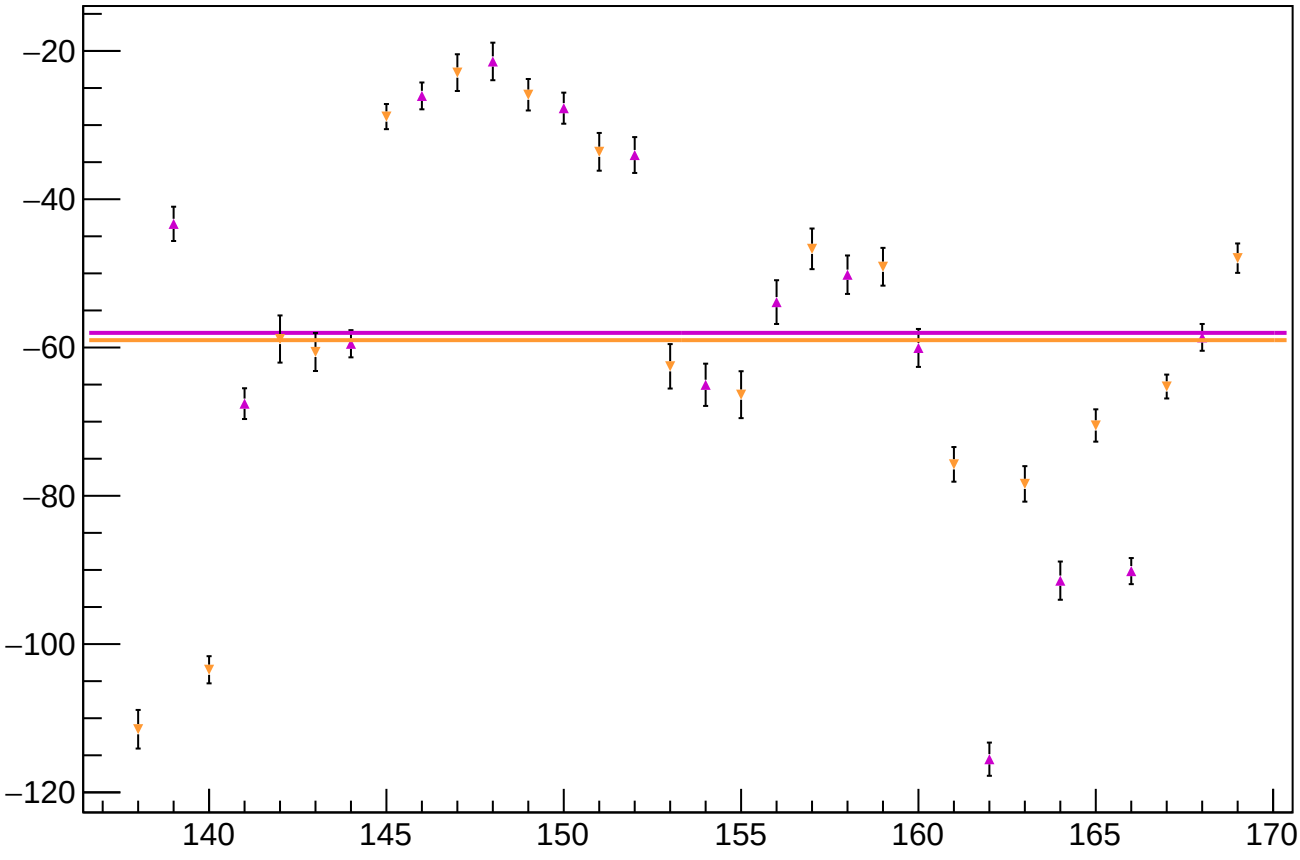
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.121+/-0.009 χ^2/NDF:1020.2/31

Out: 0.133+/-0.009 χ^2/NDF:1326.7/35

All: 0.127+/-0.006 χ^2/NDF: 2347.7/67

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -59.007+/-0.551 χ^2/NDF:2098.9/16

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

Left In: -58.024+/-0.569 χ^2/NDF:2068.6/14

Left: -58.530+/-0.396 χ^2/NDF: 4169.0/31

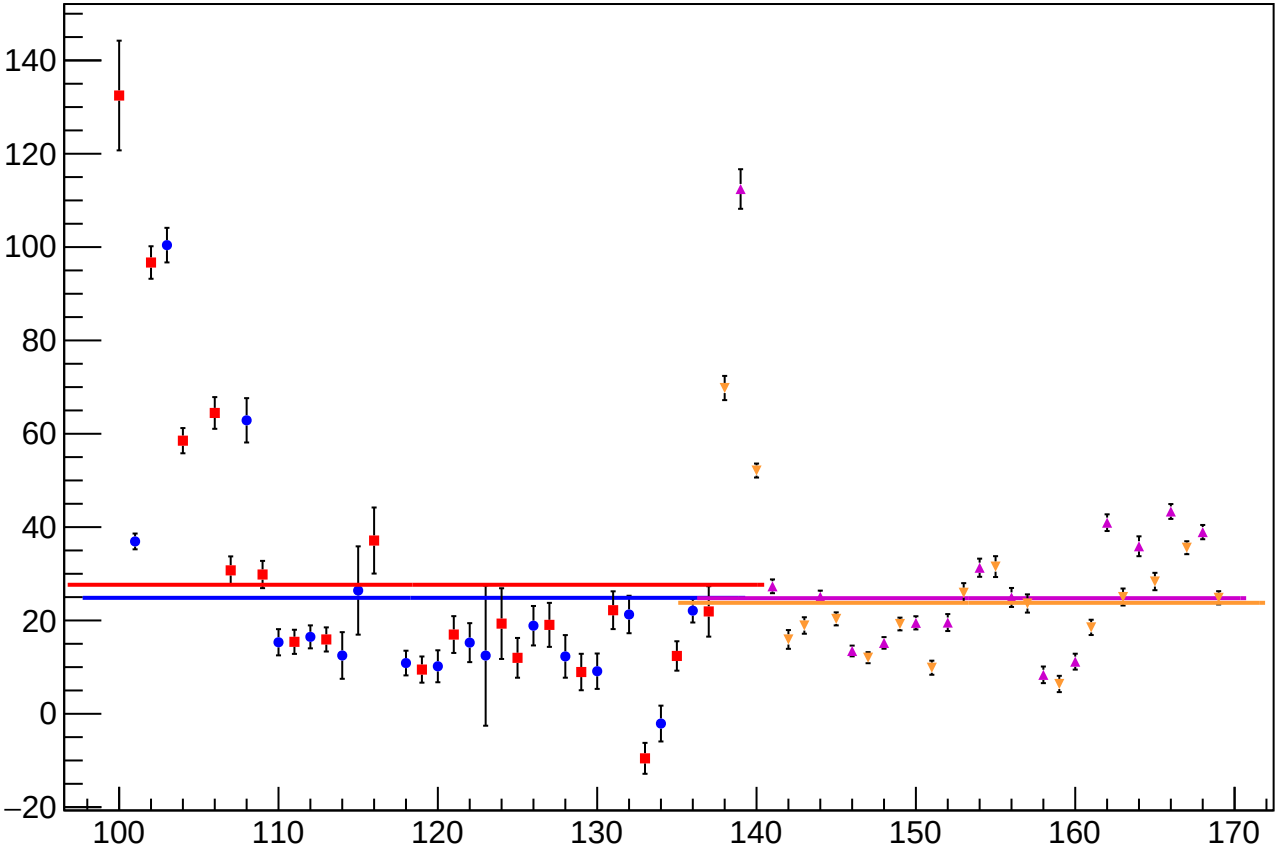
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -58.024+/-0.569 χ^2/NDF:2068.6/14

Out: -59.007+/-0.551 χ^2/NDF:2098.9/16

All: -58.530+/-0.396 χ^2/NDF: 4169.0/31

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 23.781+/-0.396 χ^2/NDF:1098.0/16

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 24.776+/-0.415 χ^2/NDF:1099.0/14

Left: 24.256+/-0.287 χ^2/NDF: 2200.0/31

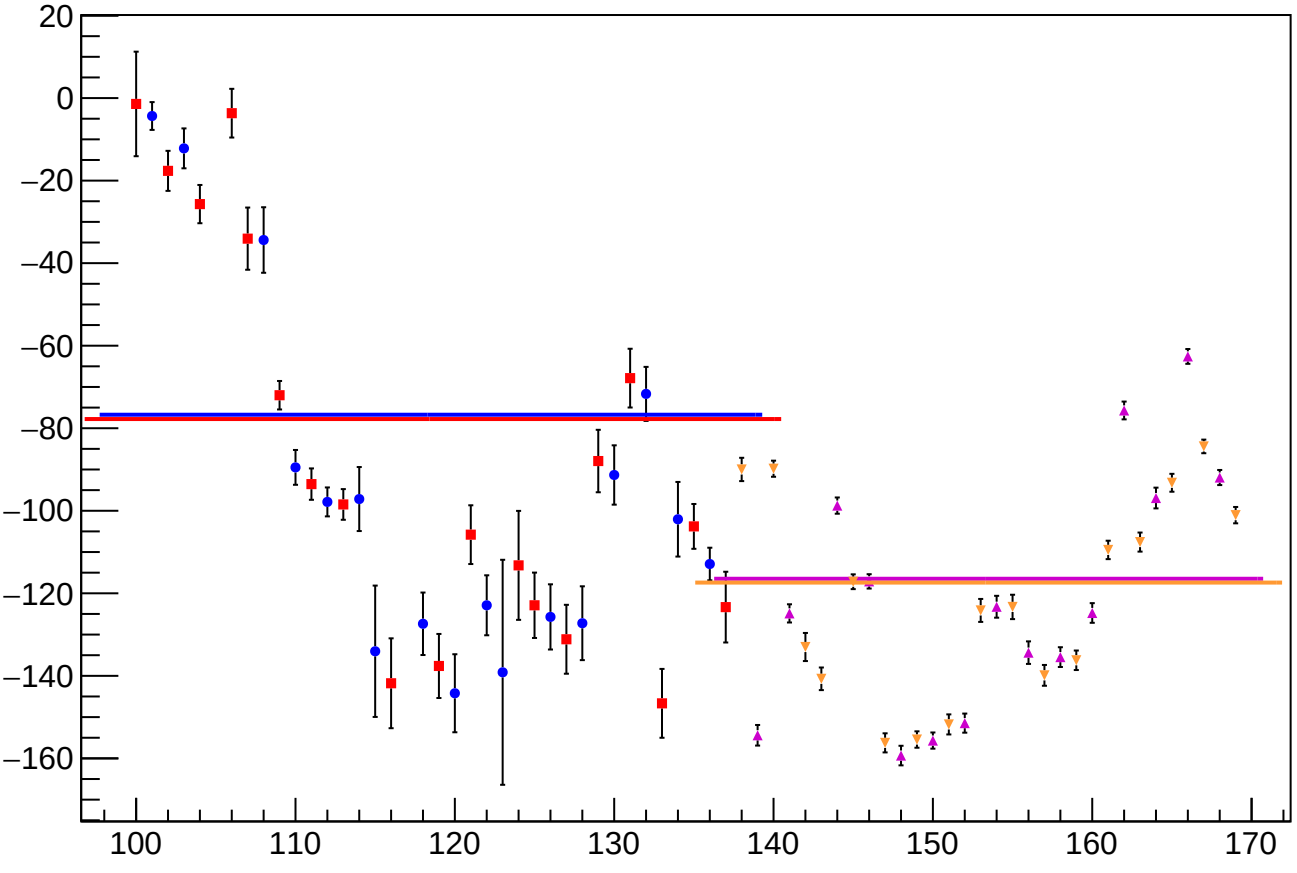
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 24.791+/-0.368 χ^2/NDF:1789.8/31

Out: 24.528+/-0.356 χ^2/NDF:2125.6/35

All: 24.655+/-0.256 χ^2/NDF: 3915.6/67

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -117.399+/-0.548 χ^2/NDF:2012.0/16

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -116.475+/-0.560 χ^2/NDF:2905.2/14

Left: -116.947+/-0.392 χ^2/NDF: 4918.6/31

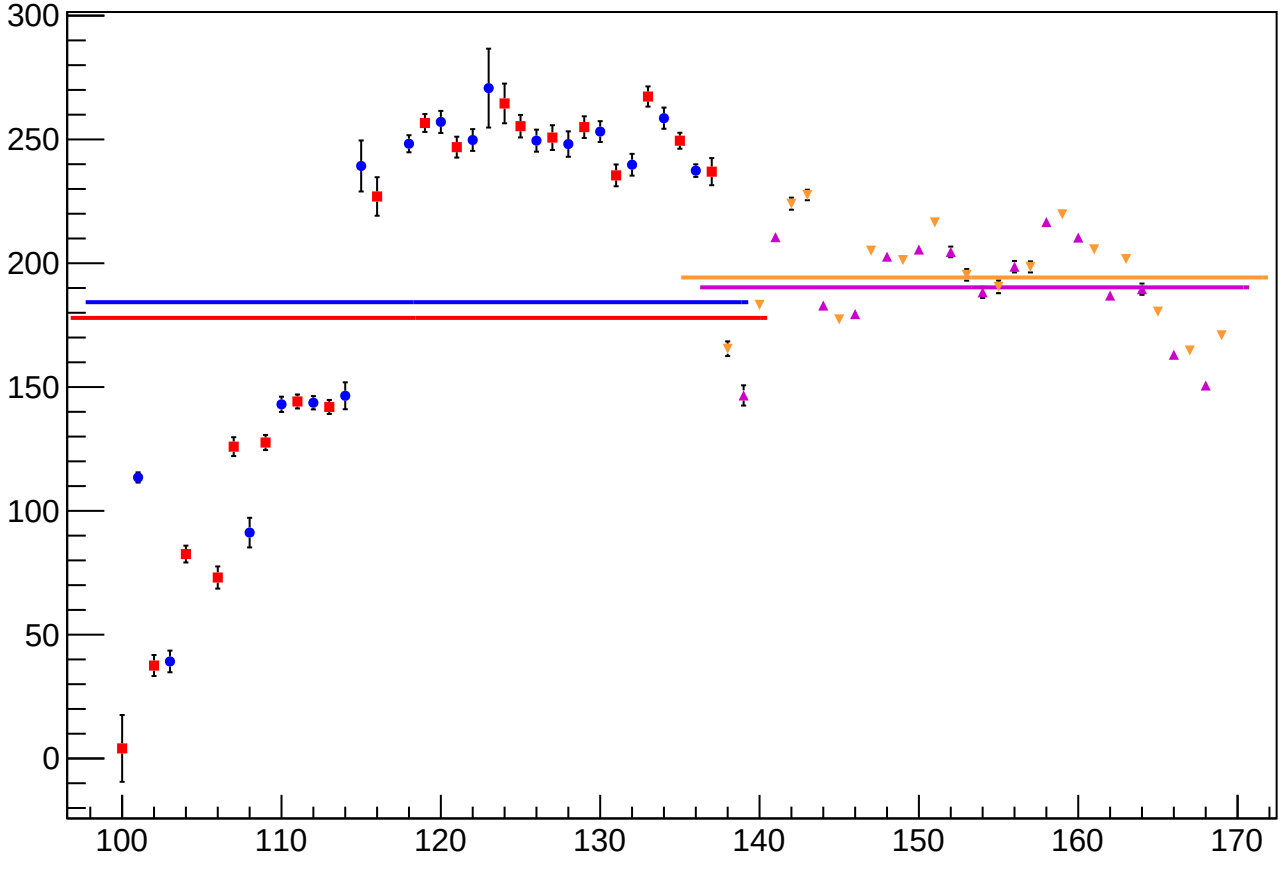
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -111.075+/-0.521 χ^2/NDF:4631.8/31

Out: -111.812+/-0.508 χ^2/NDF:3621.5/35

All: -111.453+/-0.363 χ^2/NDF: 8254.3/67

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 194.248+/-0.460 χ^2/NDF:1733.7/16

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 190.261+/-0.482 χ^2/NDF:1589.4/14

Left: 192.349+/-0.333 χ^2/NDF: 3358.9/31

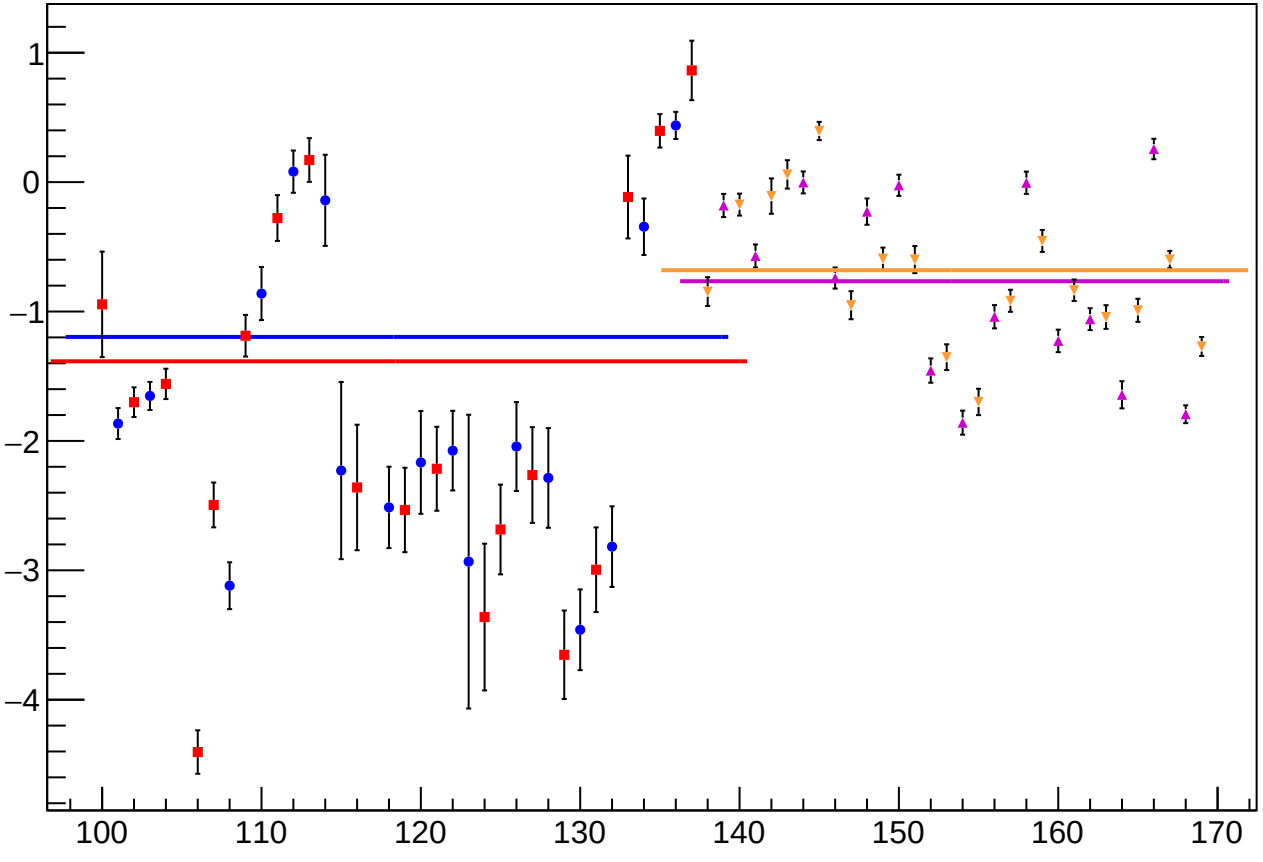
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 188.956+/-0.426 χ^2/NDF:7024.0/31

Out: 191.009+/-0.412 χ^2/NDF:8314.6/35

All: 190.019+/-0.296 χ^2/NDF: 15350.6/67

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.681+/-0.022 χ^2/NDF:600.8/16

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.766+/-0.022 χ^2/NDF:1018.0/14

Left: -0.722+/-0.016 χ^2/NDF: 1626.3/31

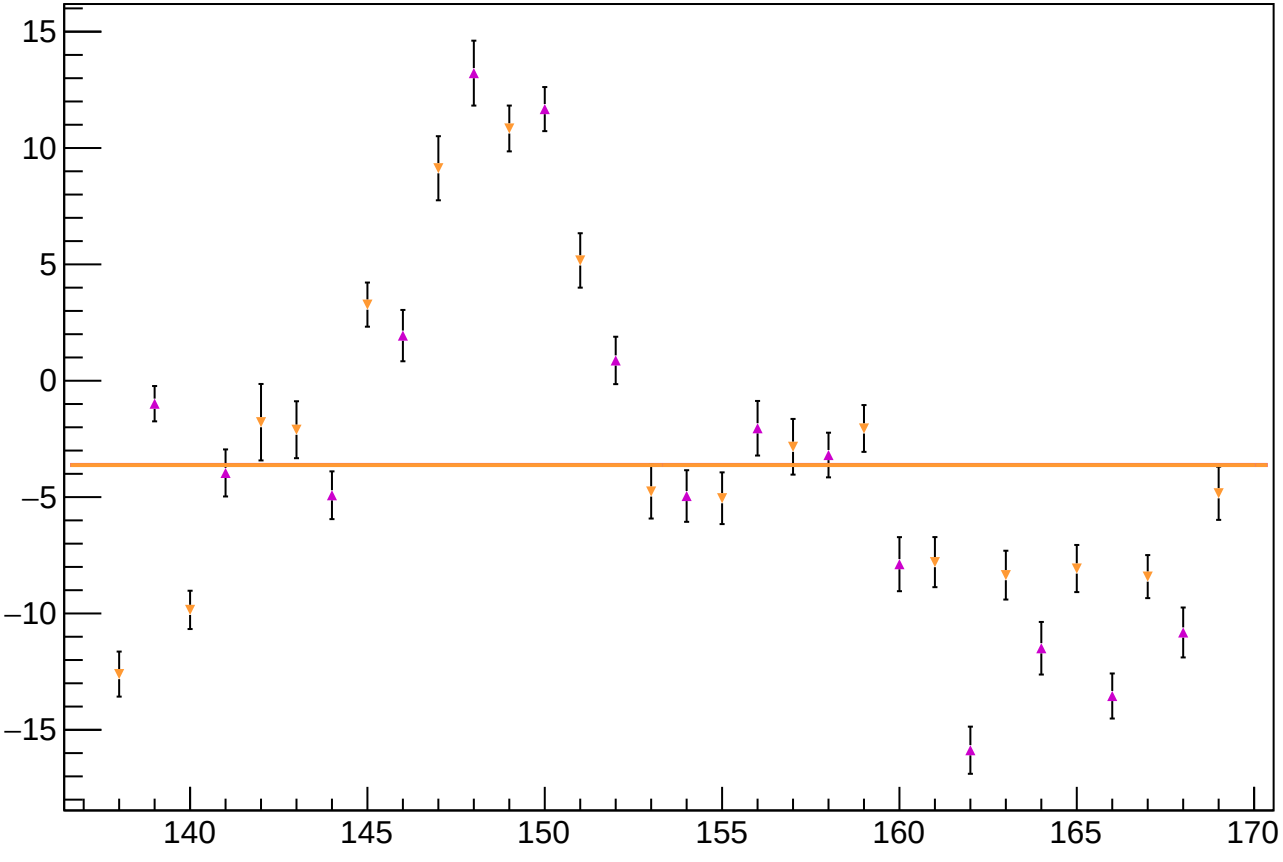
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.842+/-0.020 χ^2/NDF:1707.0/31

Out: -0.809+/-0.020 χ^2/NDF:1718.7/35

All: -0.825+/-0.014 χ^2/NDF: 3427.1/67

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -3.623+/-0.259 χ^2/NDF:645.3/16

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

Left In: -3.618+/-0.266 χ^2/NDF:827.0/14

Left: -3.621+/-0.186 χ^2/NDF: 1472.3/31

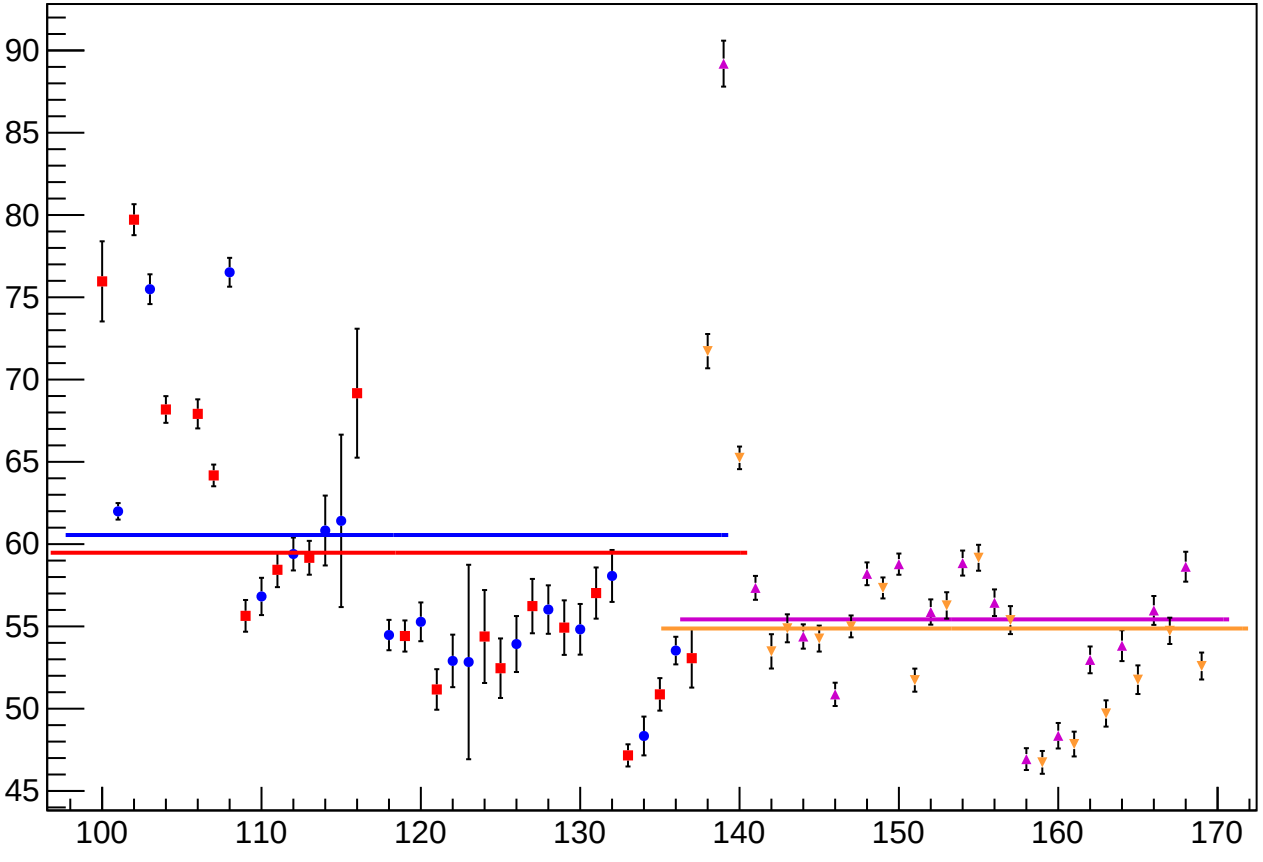
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.618+/-0.266 χ^2/NDF:827.0/14

Out: -3.623+/-0.259 χ^2/NDF:645.3/16

All: -3.621+/-0.186 χ^2/NDF: 1472.3/31

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 54.872+/-0.189 χ^2/NDF:847.6/16

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 55.427+/-0.201 χ^2/NDF:972.9/14

Left: 55.133+/-0.138 χ^2/NDF: 1824.5/31

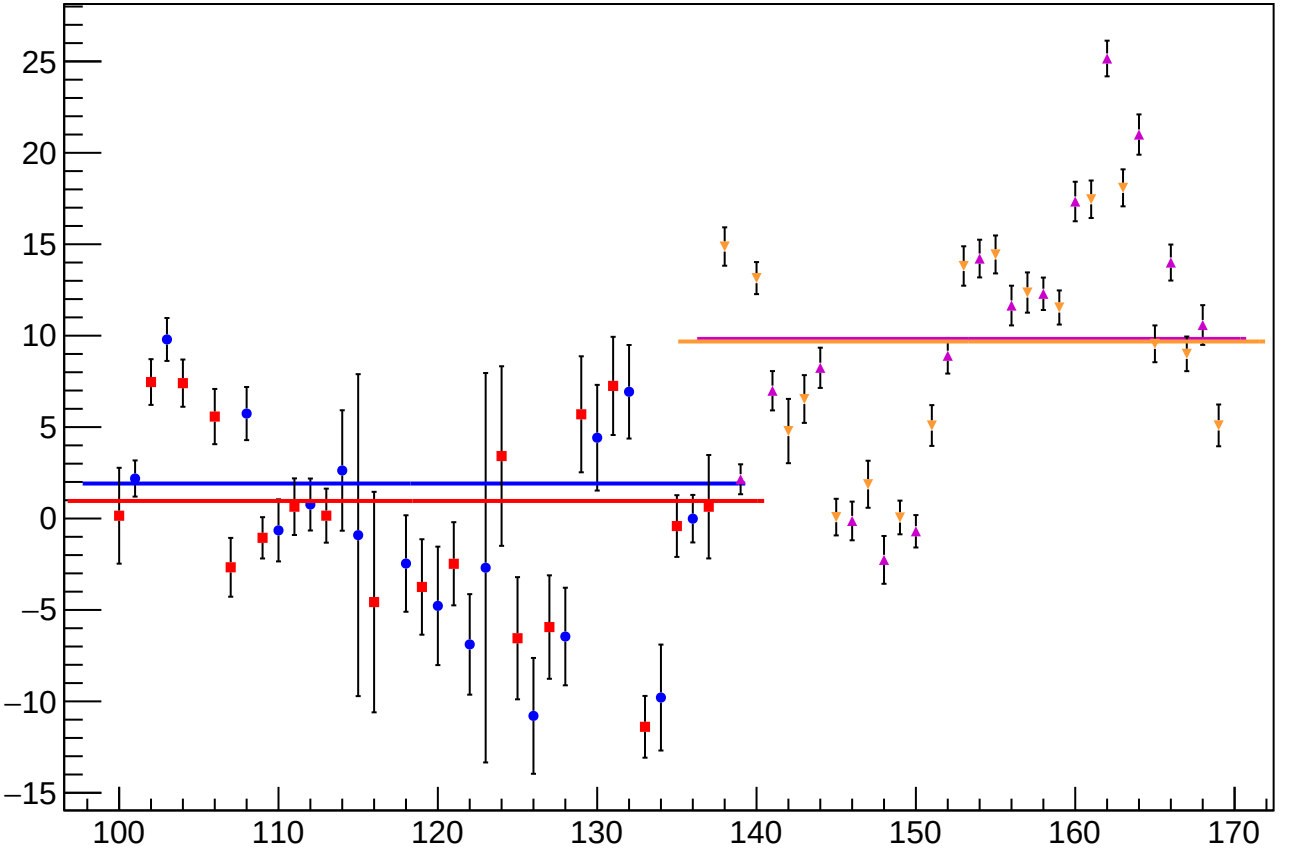
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 57.329+/-0.159 χ^2/NDF:2145.3/31

Out: 56.563+/-0.150 χ^2/NDF:2383.0/35

All: 56.924+/-0.109 χ^2/NDF: 4540.5/67

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 9.681+/-0.256 χ^2/NDF:497.5/16

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 9.822+/-0.261 χ^2/NDF:858.4/14

Left: 9.750+/-0.183 χ^2/NDF: 1356.1/31

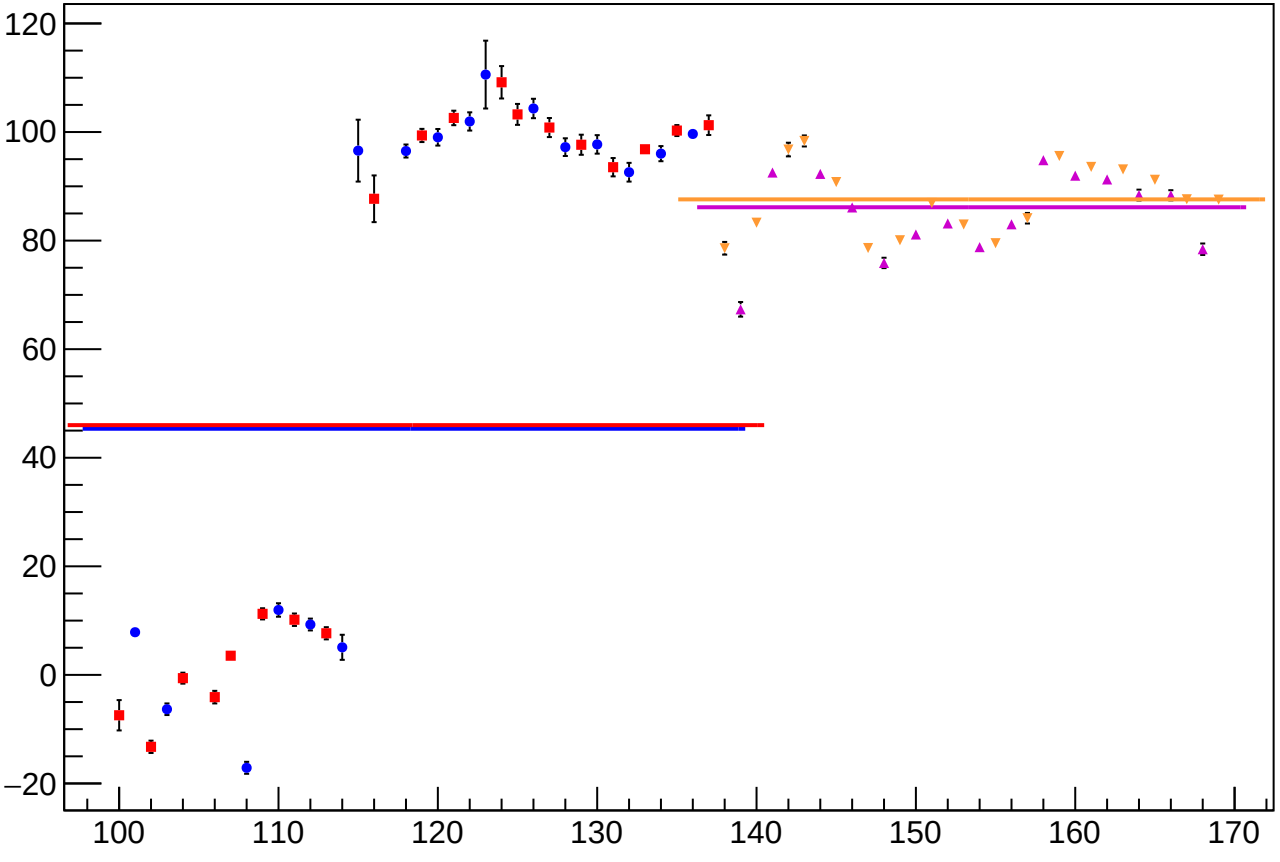
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 7.879+/-0.227 χ^2/NDF:1205.2/31

Out: 7.354+/-0.219 χ^2/NDF:956.8/35

All: 7.607+/-0.158 χ^2/NDF: 2164.7/67

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.594+/-0.217 χ^2/NDF:811.3/16

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.143+/-0.229 χ^2/NDF:854.8/14

Left: 86.909+/-0.158 χ^2/NDF: 1687.2/31

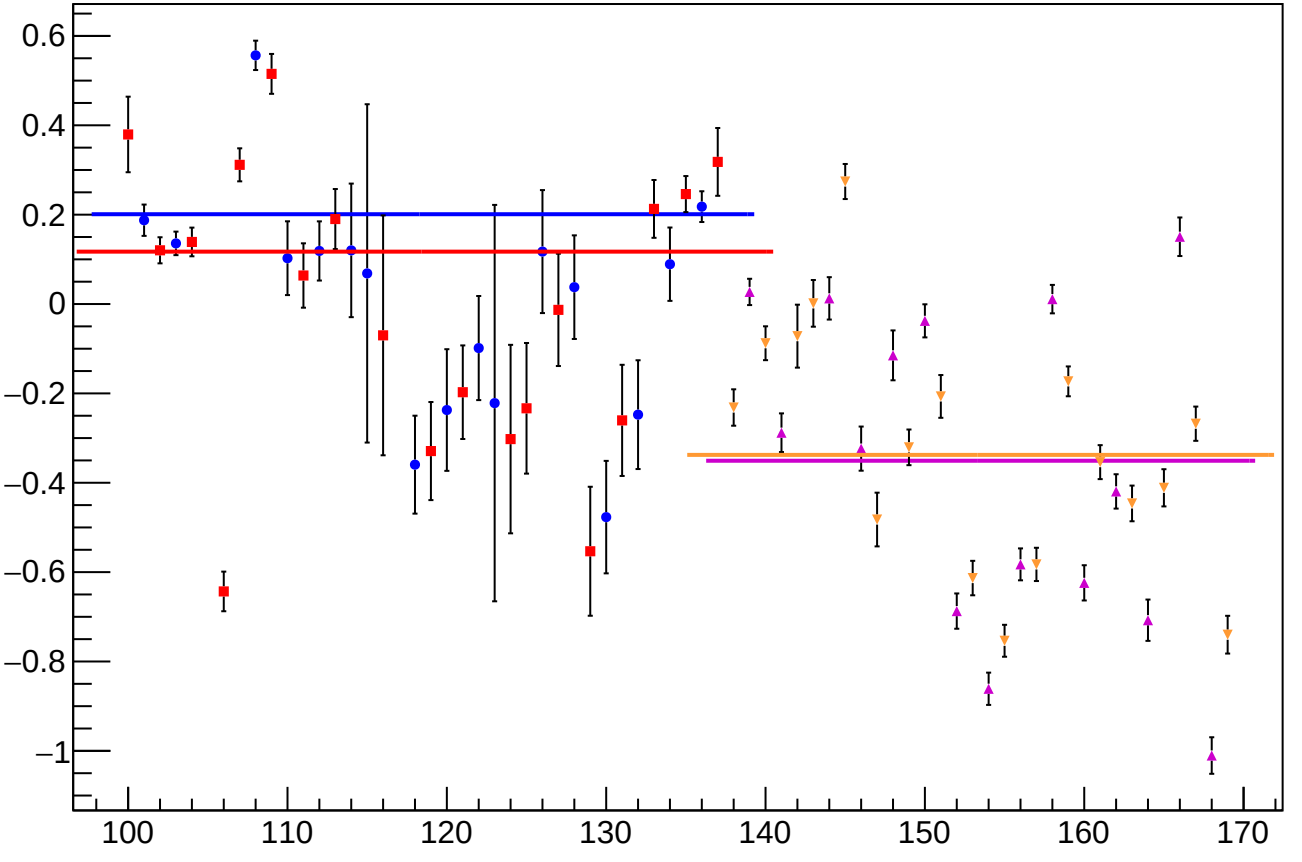
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 71.287+/-0.183 χ^2/NDF:37436.8/31

Out: 72.625+/-0.174 χ^2/NDF:42242.4/35

All: 71.991+/-0.126 χ^2/NDF: 79707.3/67

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.338+/-0.010 χ^2/NDF:722.2/16

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.351+/-0.010 χ^2/NDF:1264.9/14

Left: -0.344+/-0.007 χ^2/NDF: 1988.0/31

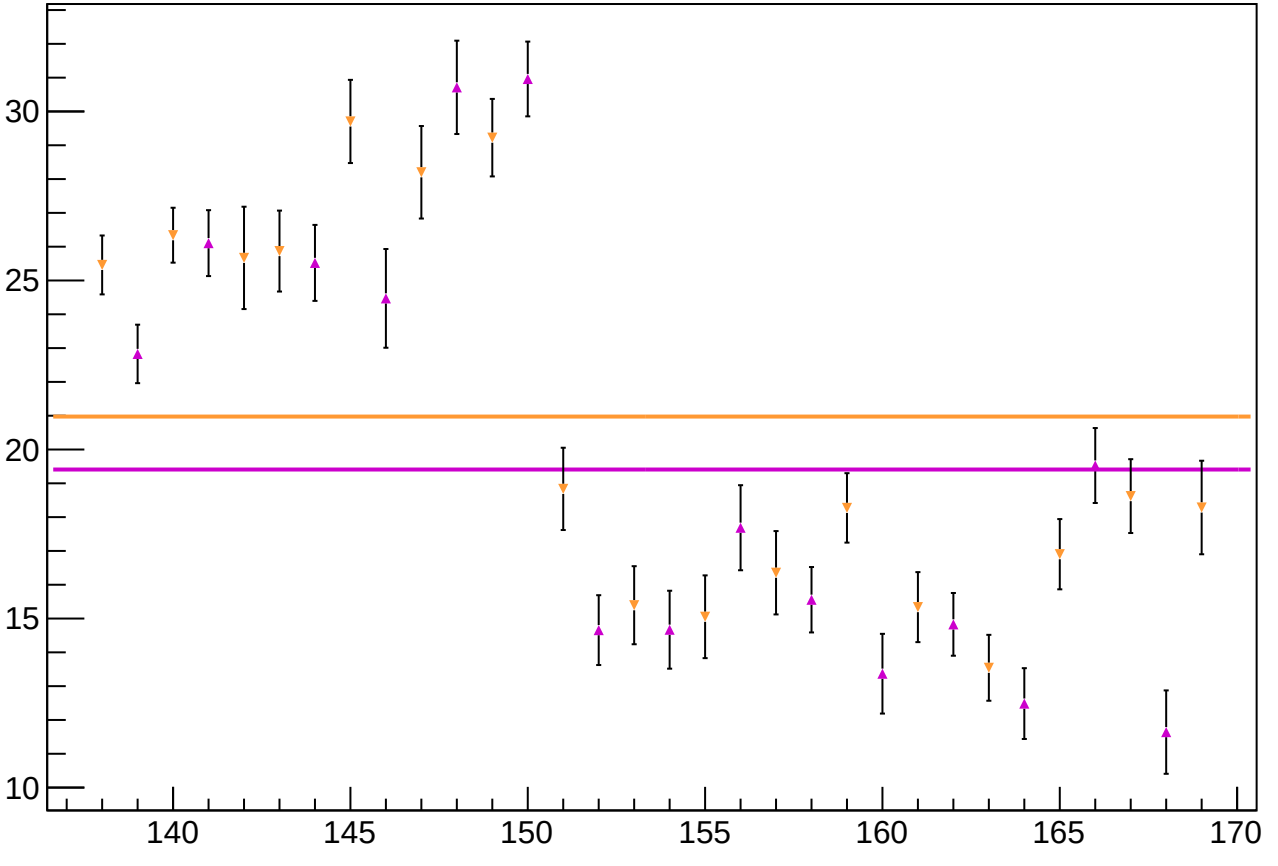
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.161+/-0.008 χ^2/NDF:2497.1/31

Out: -0.170+/-0.008 χ^2/NDF:1992.2/35

All: -0.165+/-0.006 χ^2/NDF: 4489.9/67

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 20.975+/-0.268 χ^2/NDF:408.8/16

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

Left In: 19.408+/-0.281 χ^2/NDF:470.4/14

Left: 20.228+/-0.194 χ^2/NDF: 895.4/31

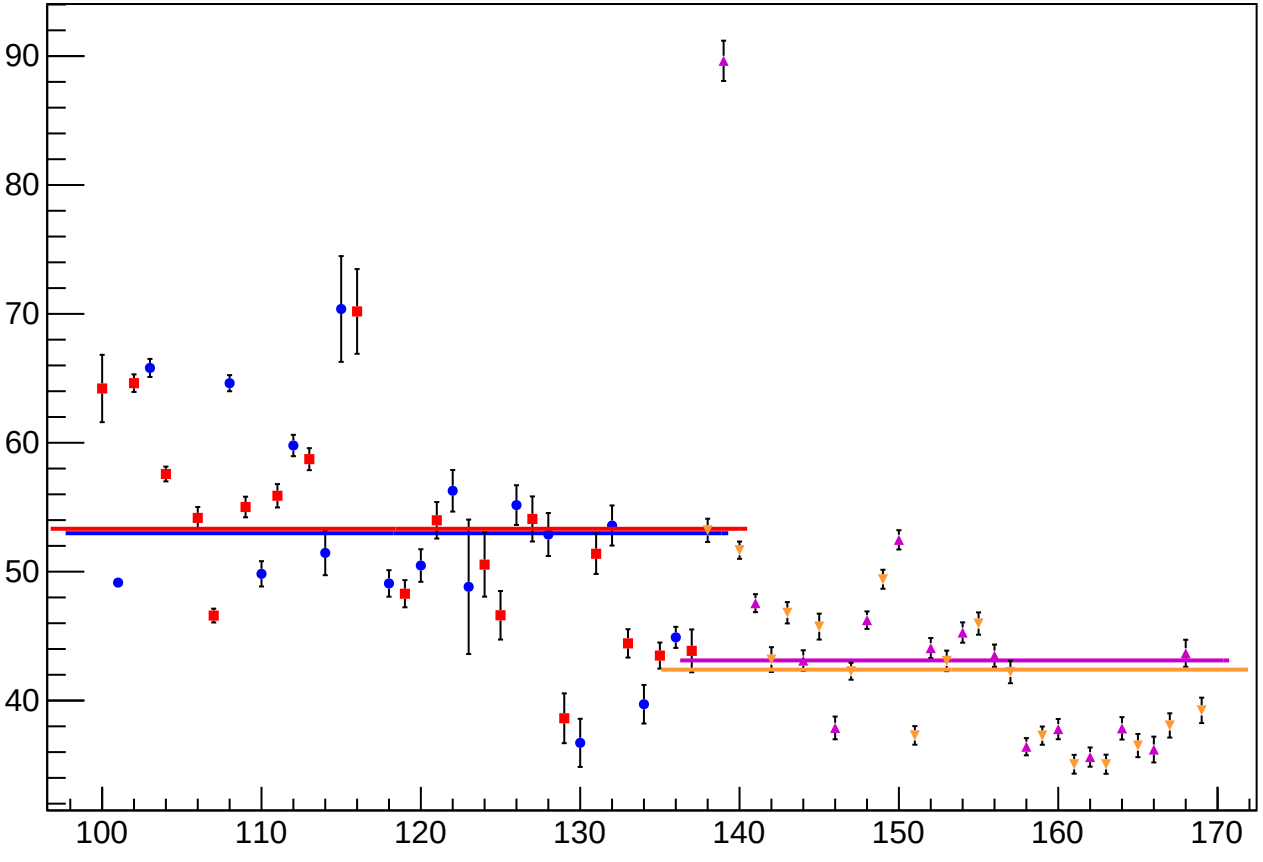
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.408+/-0.281 χ^2/NDF:470.4/14

Out: 20.975+/-0.268 χ^2/NDF:408.8/16

All: 20.228+/-0.194 χ^2/NDF: 895.4/31

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 42.398+/-0.195 χ^2/NDF:859.2/16

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 43.113+/-0.210 χ^2/NDF:1480.3/14

Left: 42.729+/-0.143 χ^2/NDF: 2345.8/31

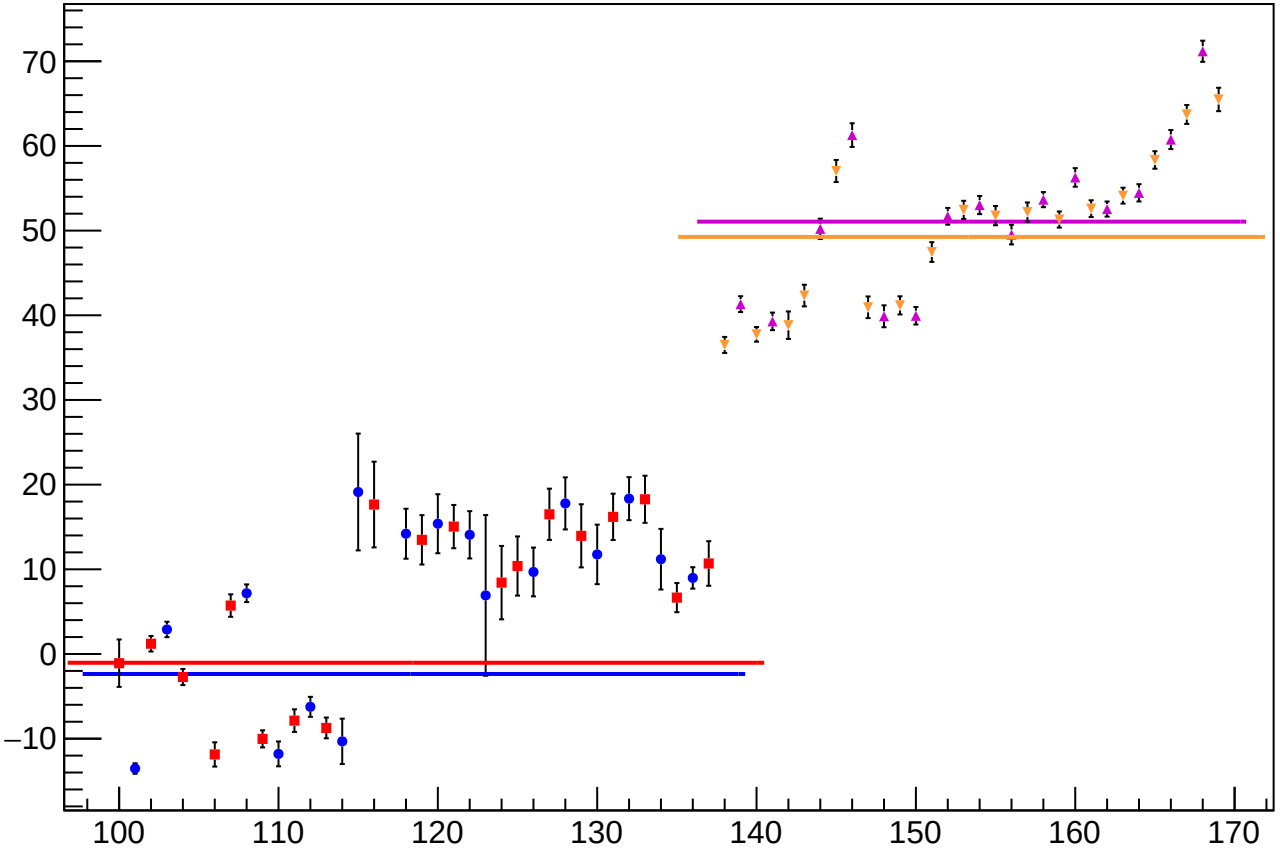
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 48.035+/-0.148 χ^2/NDF:3783.1/31

Out: 47.036+/-0.148 χ^2/NDF:3070.0/35

All: 47.533+/-0.105 χ^2/NDF: 6875.9/67

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 49.257+/-0.265 χ^2/NDF:1013.2/16

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 51.060+/-0.276 χ^2/NDF:865.7/14

Left: 50.125+/-0.191 χ^2/NDF: 1901.1/31

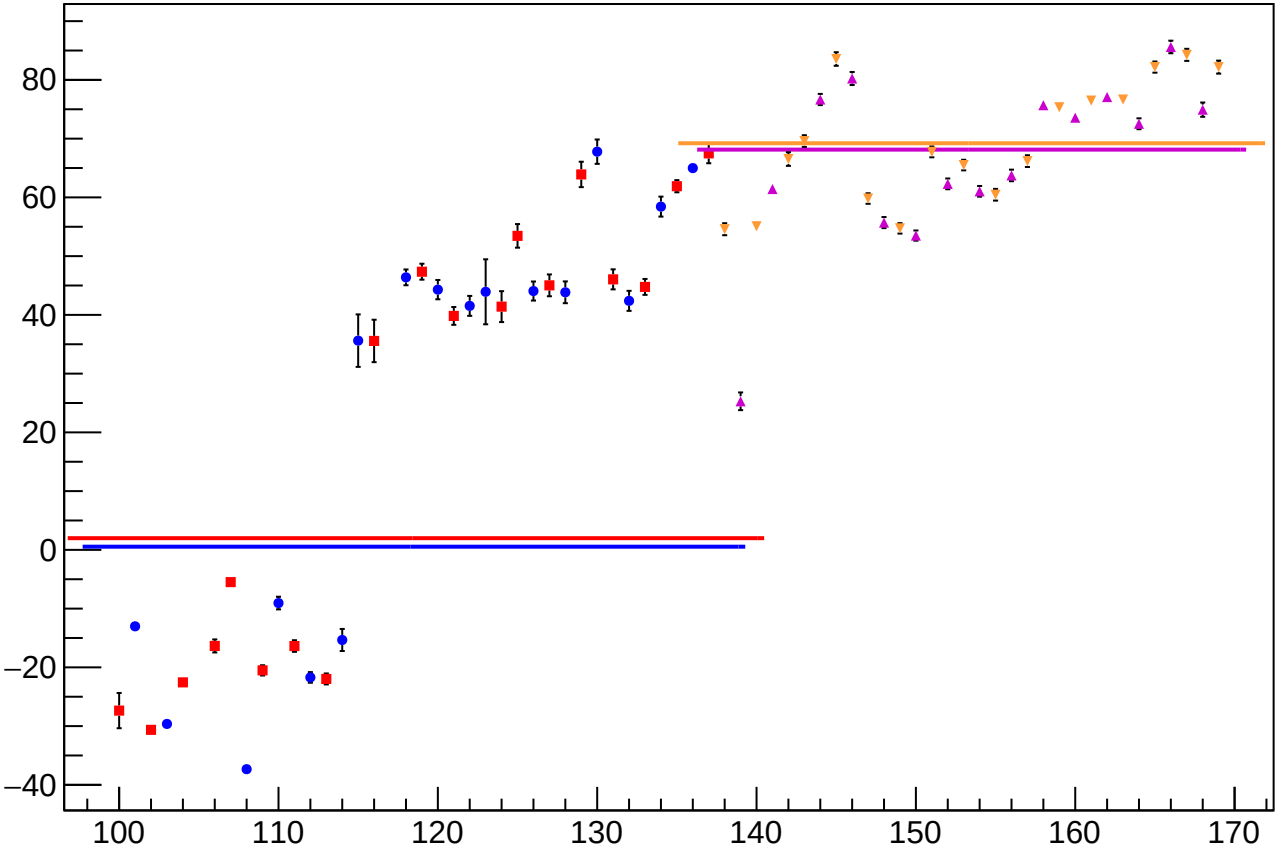
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 31.583+/-0.220 χ^2/NDF:15406.3/31

Out: 32.580+/-0.217 χ^2/NDF:13421.0/35

All: 32.087+/-0.154 χ^2/NDF: 28837.7/67

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 69.218+/-0.224 χ^2/NDF:1934.6/16

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 68.131+/-0.239 χ^2/NDF:2262.9/14

Left: 68.710+/-0.164 χ^2/NDF: 4208.5/31

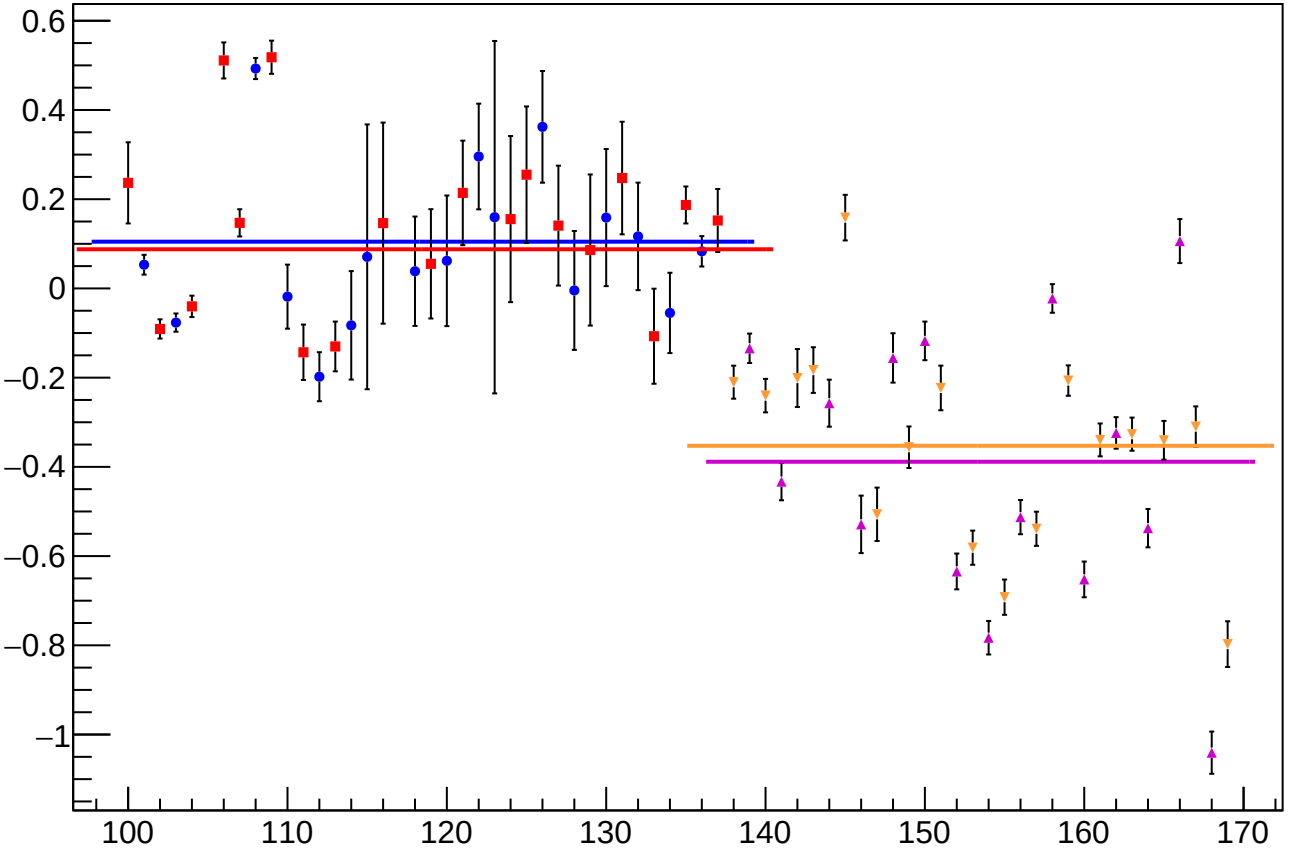
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 35.346+/-0.172 χ^2/NDF:59338.1/31

Out: 41.349+/-0.172 χ^2/NDF:54662.4/35

All: 38.351+/-0.121 χ^2/NDF: 114611.4/67

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.353+/-0.010 χ^2/NDF:381.9/16

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.389+/-0.011 χ^2/NDF:765.5/14

Left: -0.370+/-0.007 χ^2/NDF: 1153.2/31

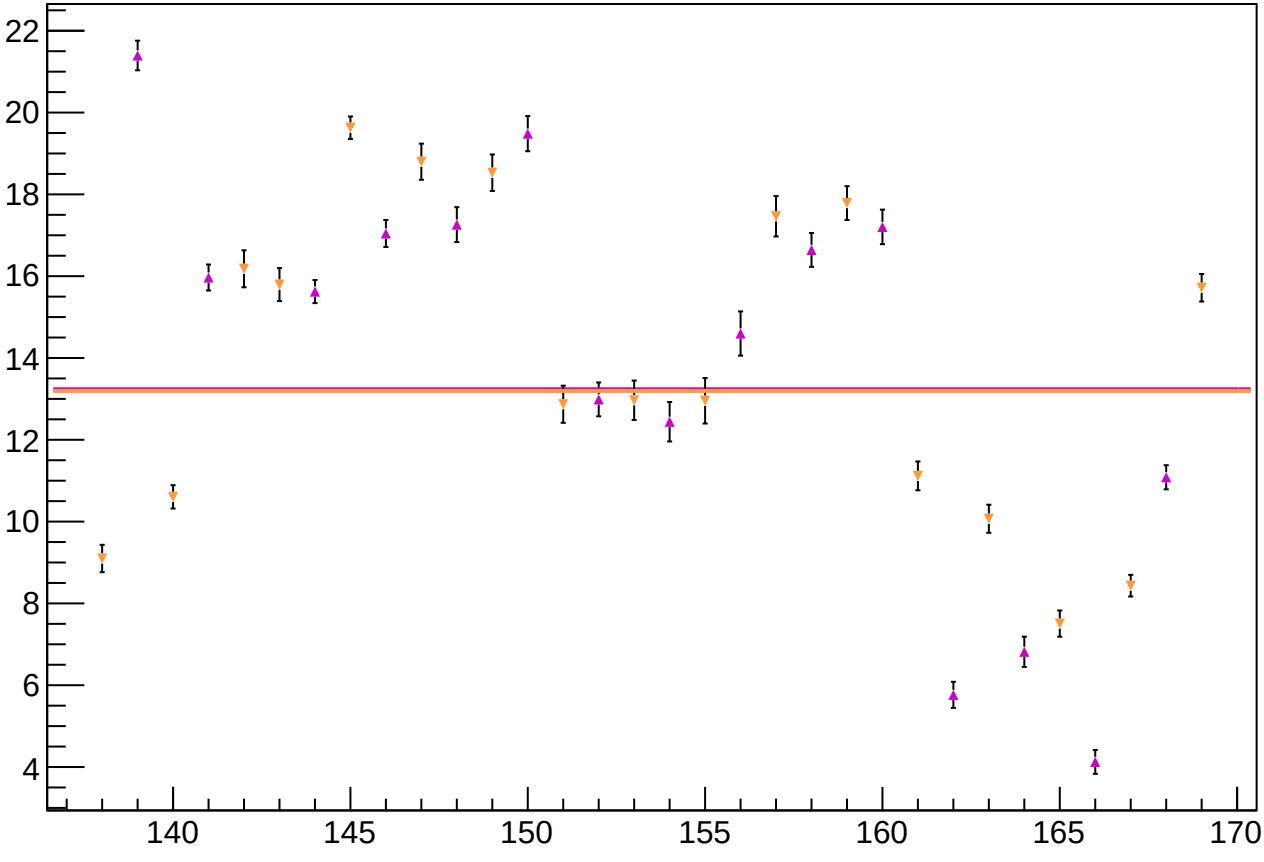
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.150+/-0.008 χ^2/NDF:2197.5/31

Out: -0.146+/-0.008 χ^2/NDF:1621.8/35

All: -0.148+/-0.005 χ^2/NDF: 3819.4/67

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 13.195+/-0.089 χ^2/NDF:2182.4/16

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

Left In: 13.234+/-0.093 χ^2/NDF:3131.3/14

Left: 13.214+/-0.064 χ^2/NDF: 5313.8/31

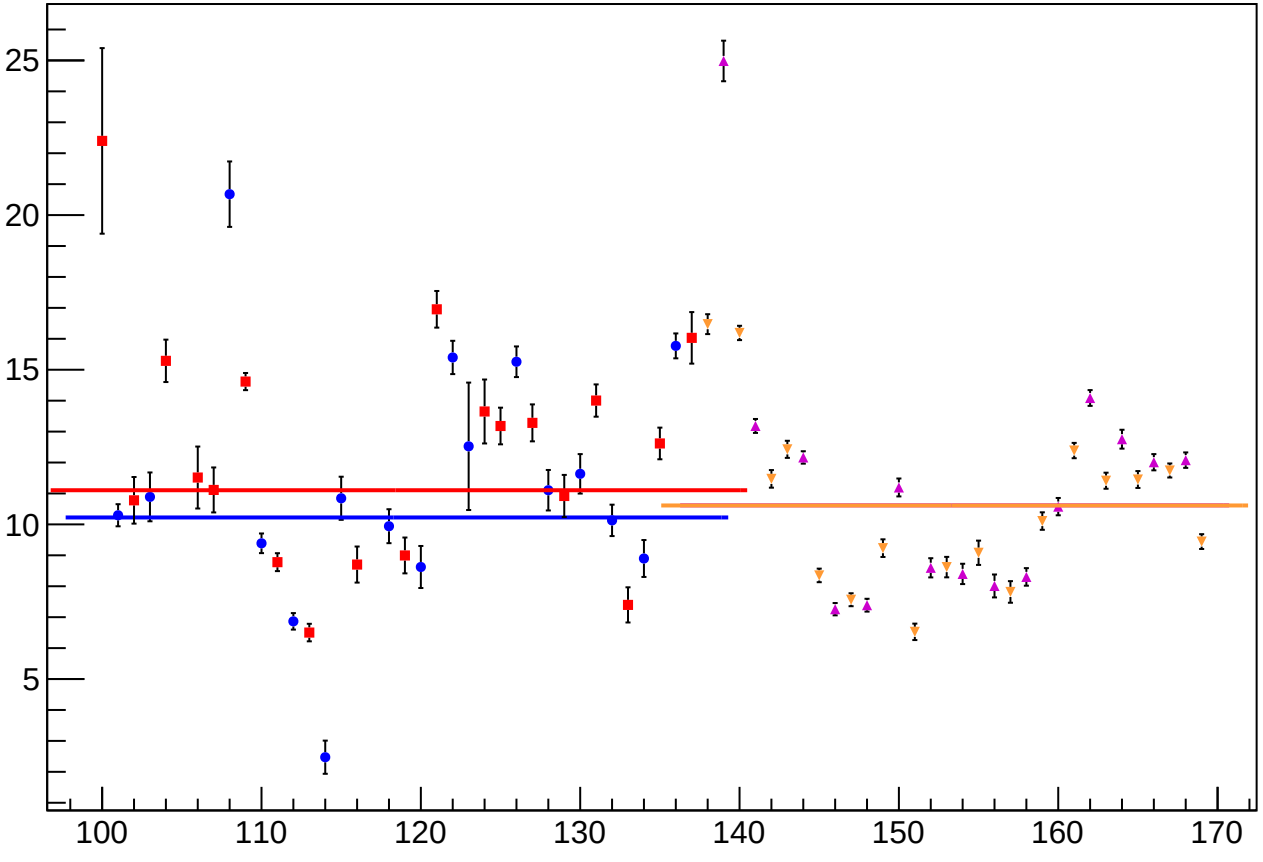
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.234+/-0.093 χ^2/NDF:3131.3/14

Out: 13.195+/-0.089 χ^2/NDF:2182.4/16

All: 13.214+/-0.064 χ^2/NDF: 5313.8/31

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.612+/-0.064 χ^2/NDF:1780.8/16

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 10.615+/-0.068 χ^2/NDF:1700.4/14

Left: 10.613+/-0.047 χ^2/NDF: 3481.3/31

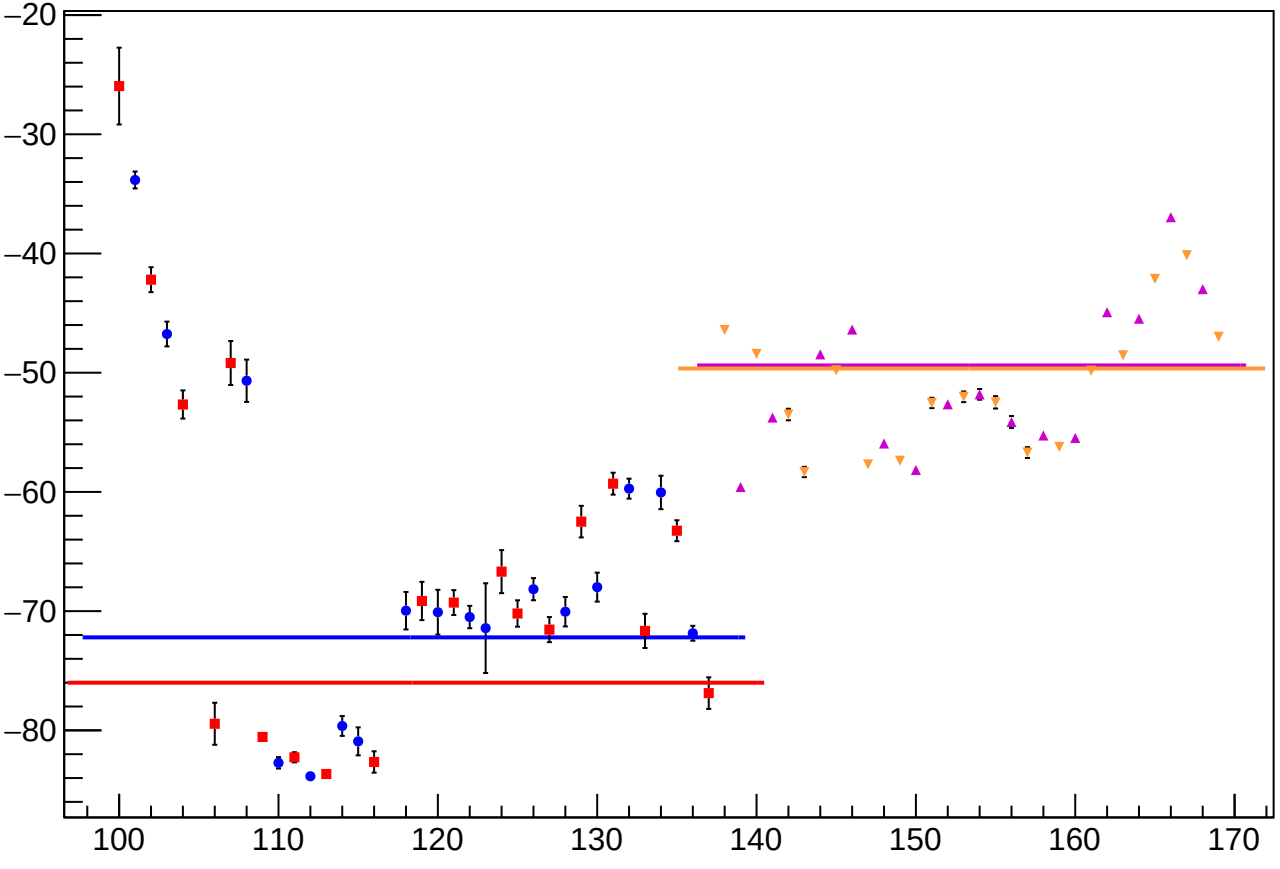
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 10.519+/-0.059 χ^2/NDF:2586.2/31

Out: 10.727+/-0.056 χ^2/NDF:2611.7/35

All: 10.628+/-0.041 χ^2/NDF: 5204.4/67

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -49.647+/-0.089 χ^2/NDF:3783.6/16

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -49.390+/-0.092 χ^2/NDF:4900.1/14

Left: -49.523+/-0.064 χ^2/NDF: 8687.8/31

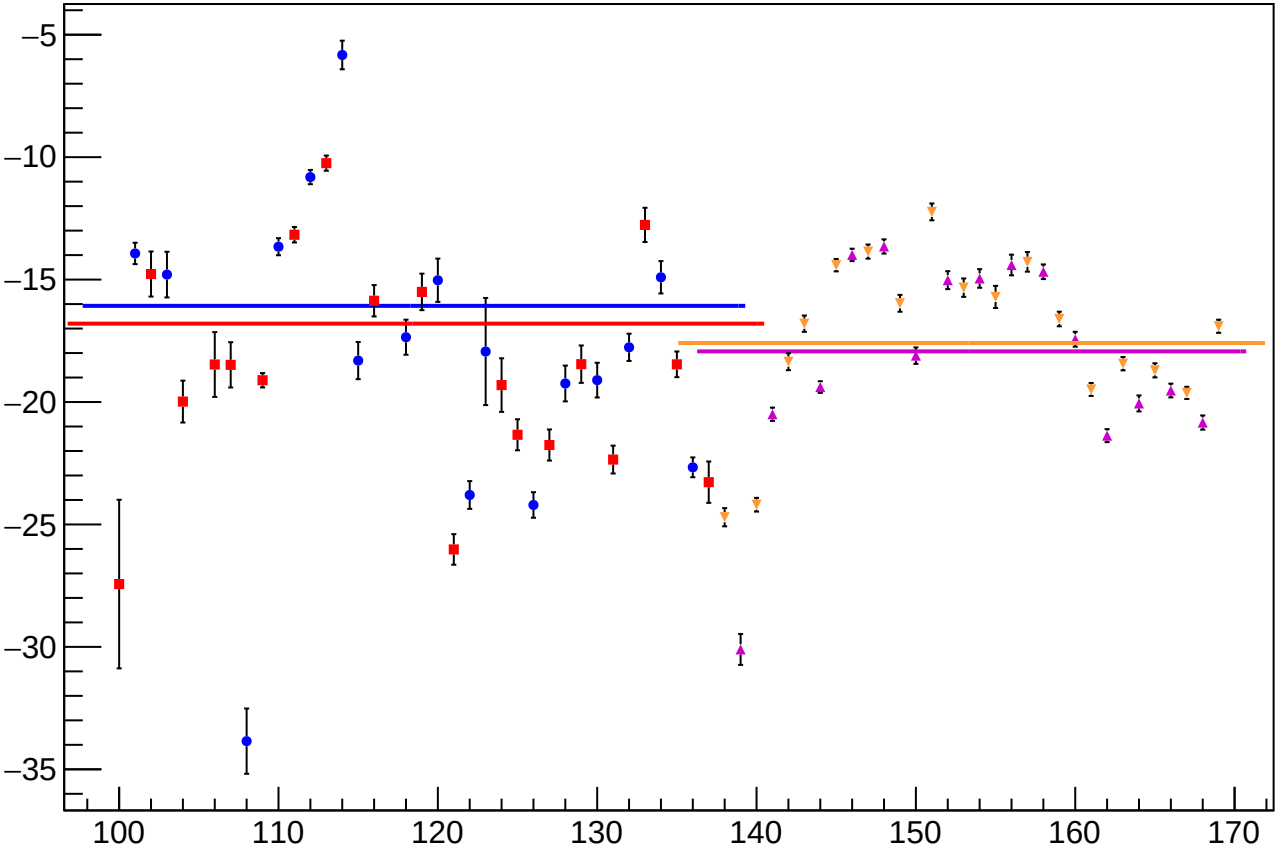
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -53.450+/-0.083 χ^2/NDF:21411.1/31

Out: -54.751+/-0.080 χ^2/NDF:24358.6/35

All: -54.131+/-0.058 χ^2/NDF: 45896.9/67

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.590+/-0.074 χ^2/NDF:1802.6/16

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -17.932+/-0.079 χ^2/NDF:1615.6/14

Left: -17.751+/-0.054 χ^2/NDF: 3428.1/31

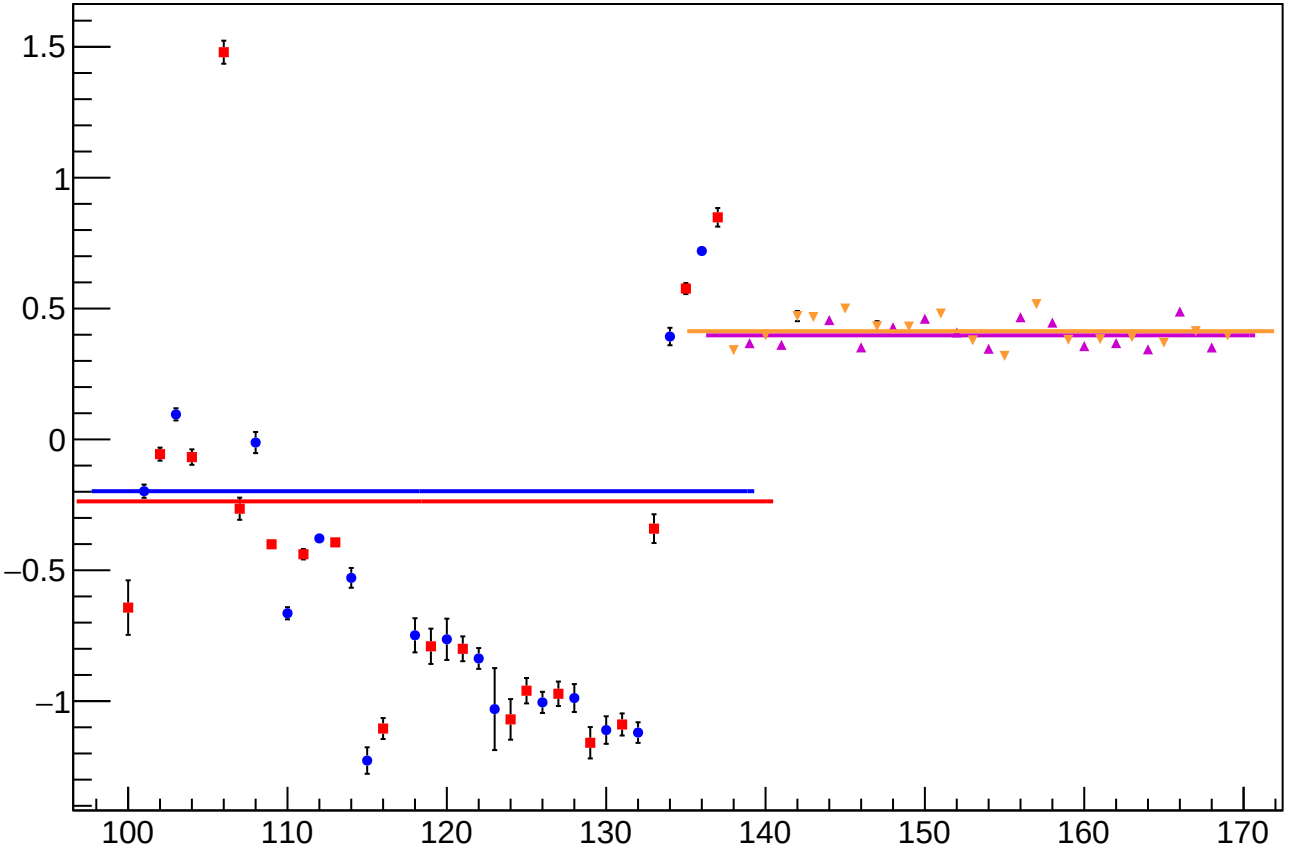
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -17.442+/-0.068 χ^2/NDF:3402.4/31

Out: -17.391+/-0.064 χ^2/NDF:3046.9/35

All: -17.415+/-0.047 χ^2/NDF: 6449.6/67

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.414+/-0.003 χ^2/NDF:221.8/16

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.398+/-0.004 χ^2/NDF:192.0/14

Left: 0.406+/-0.003 χ^2/NDF: 423.7/31

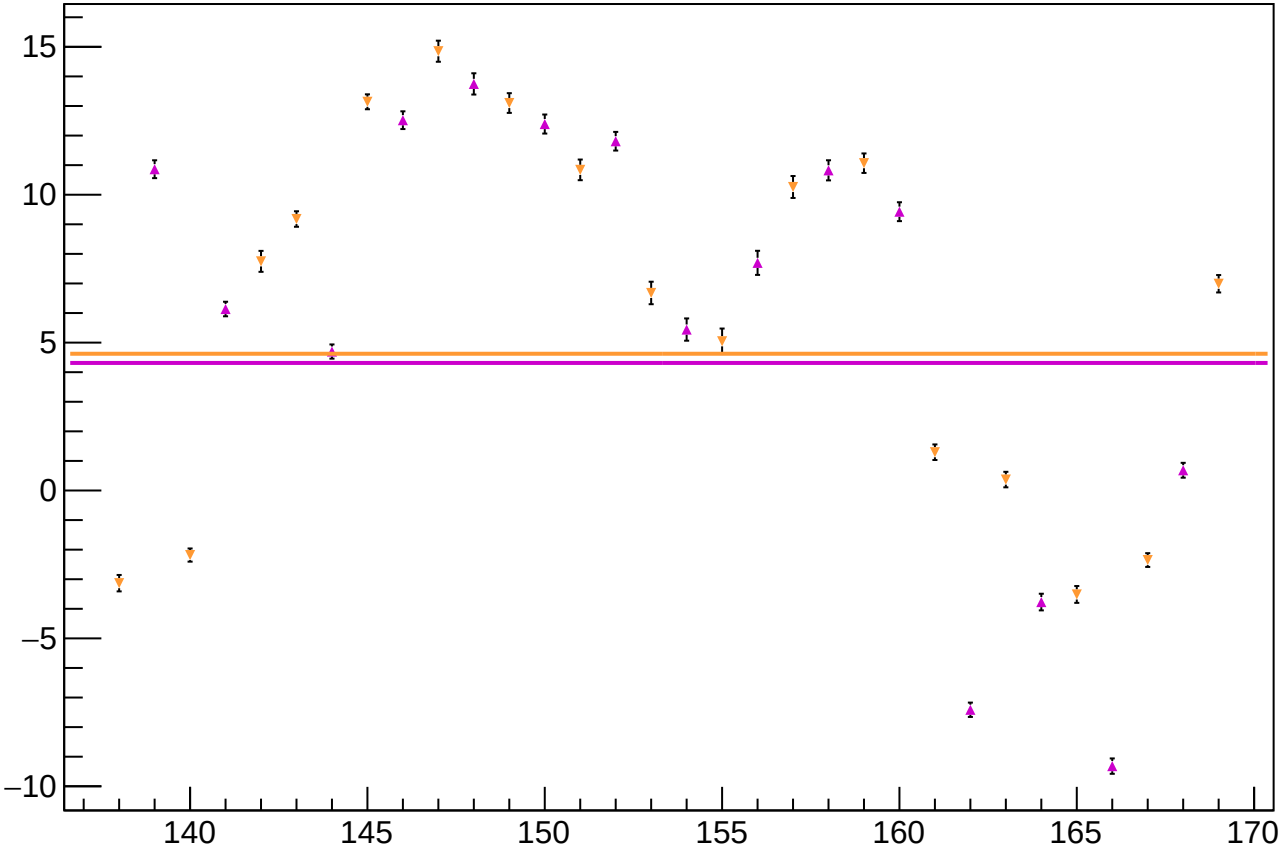
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.284+/-0.003 χ^2/NDF:11582.0/31

Out: 0.289+/-0.003 χ^2/NDF:13088.6/35

All: 0.286+/-0.002 χ^2/NDF: 24671.8/67

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 4.623+/-0.071 χ^2/NDF:7865.3/16

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

Left In: 4.313+/-0.076 χ^2/NDF:9989.6/14

Left: 4.477+/-0.052 χ^2/NDF: 17863.8/31

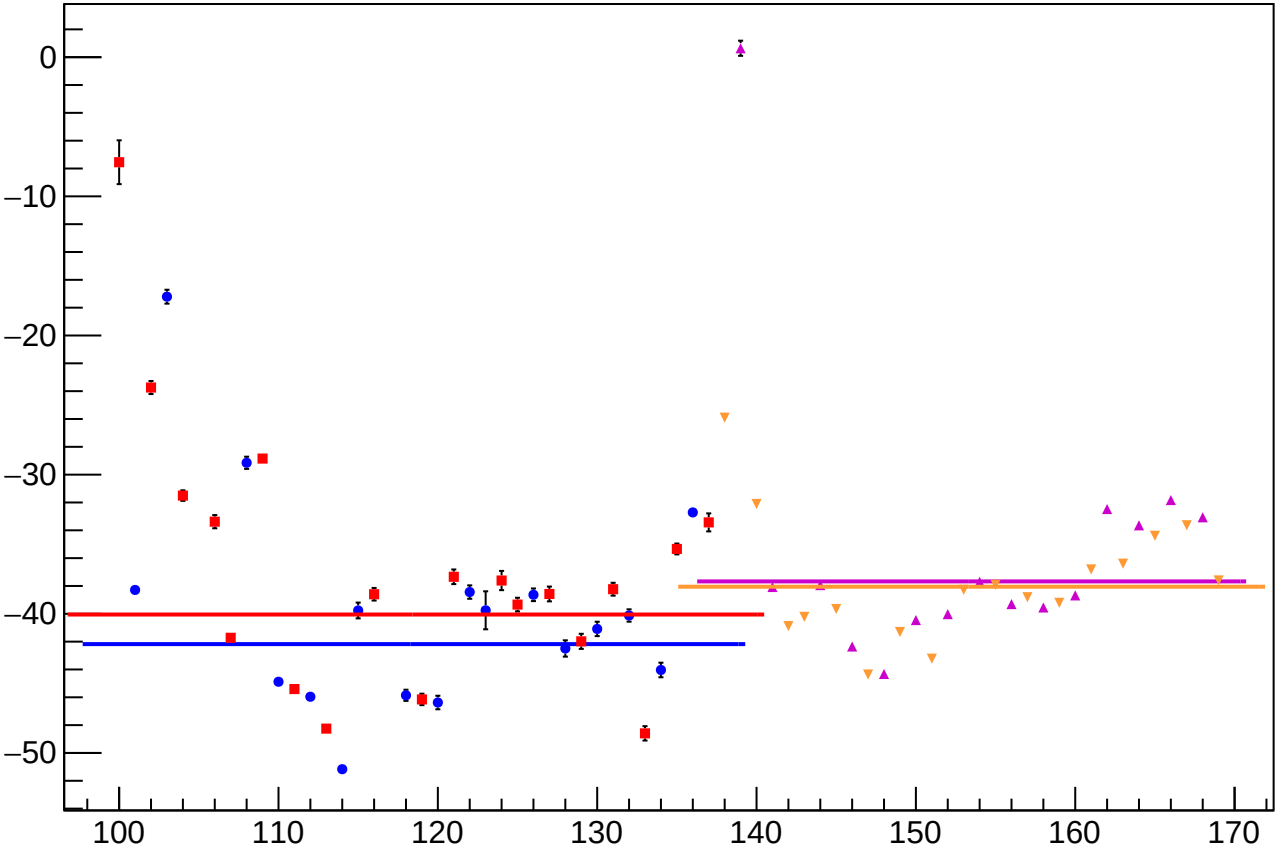
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.313+/-0.076 χ^2/NDF:9989.6/14

Out: 4.623+/-0.071 χ^2/NDF:7865.3/16

All: 4.477+/-0.052 χ^2/NDF: 17863.8/31

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -38.054+/-0.051 χ^2/NDF:6590.0/16

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -37.672+/-0.056 χ^2/NDF:9511.4/14

Left: -37.878+/-0.038 χ^2/NDF: 16126.8/31

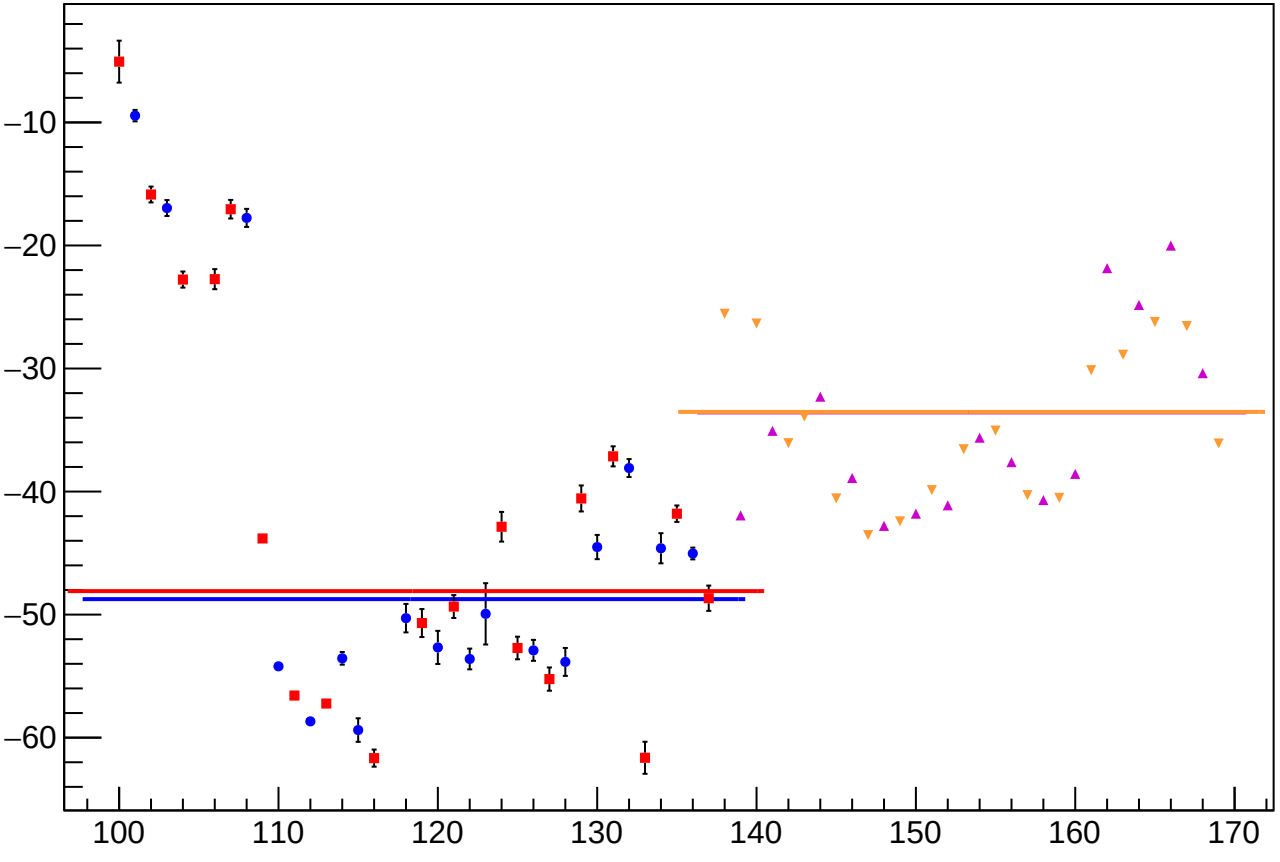
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -39.194+/-0.045 χ^2/NDF:18309.4/31

Out: -38.720+/-0.042 χ^2/NDF:18405.8/35

All: -38.940+/-0.031 χ^2/NDF: 36774.2/67

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -33.525+/-0.071 χ^2/NDF:7554.6/16

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -33.566+/-0.075 χ^2/NDF:10445.4/14

Left: -33.544+/-0.051 χ^2/NDF: 18000.2/31

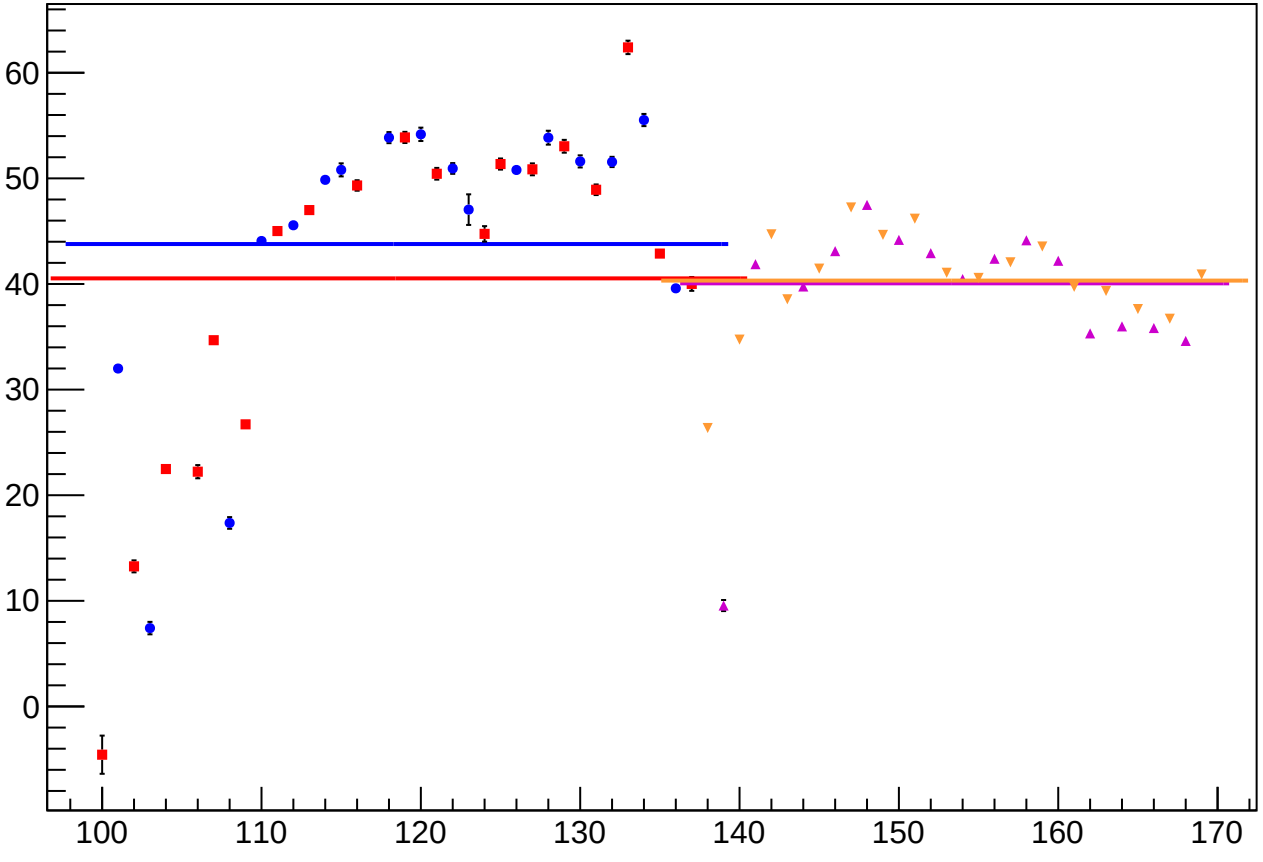
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -37.574+/-0.064 χ^2/NDF:36053.2/31

Out: -37.983+/-0.059 χ^2/NDF:32093.0/35

All: -37.794+/-0.043 χ^2/NDF: 68168.2/67

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.321+/-0.060 χ^2/NDF:5312.0/16

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 40.061+/-0.064 χ^2/NDF:6928.8/14

Left: 40.201+/-0.044 χ^2/NDF: 12249.7/31

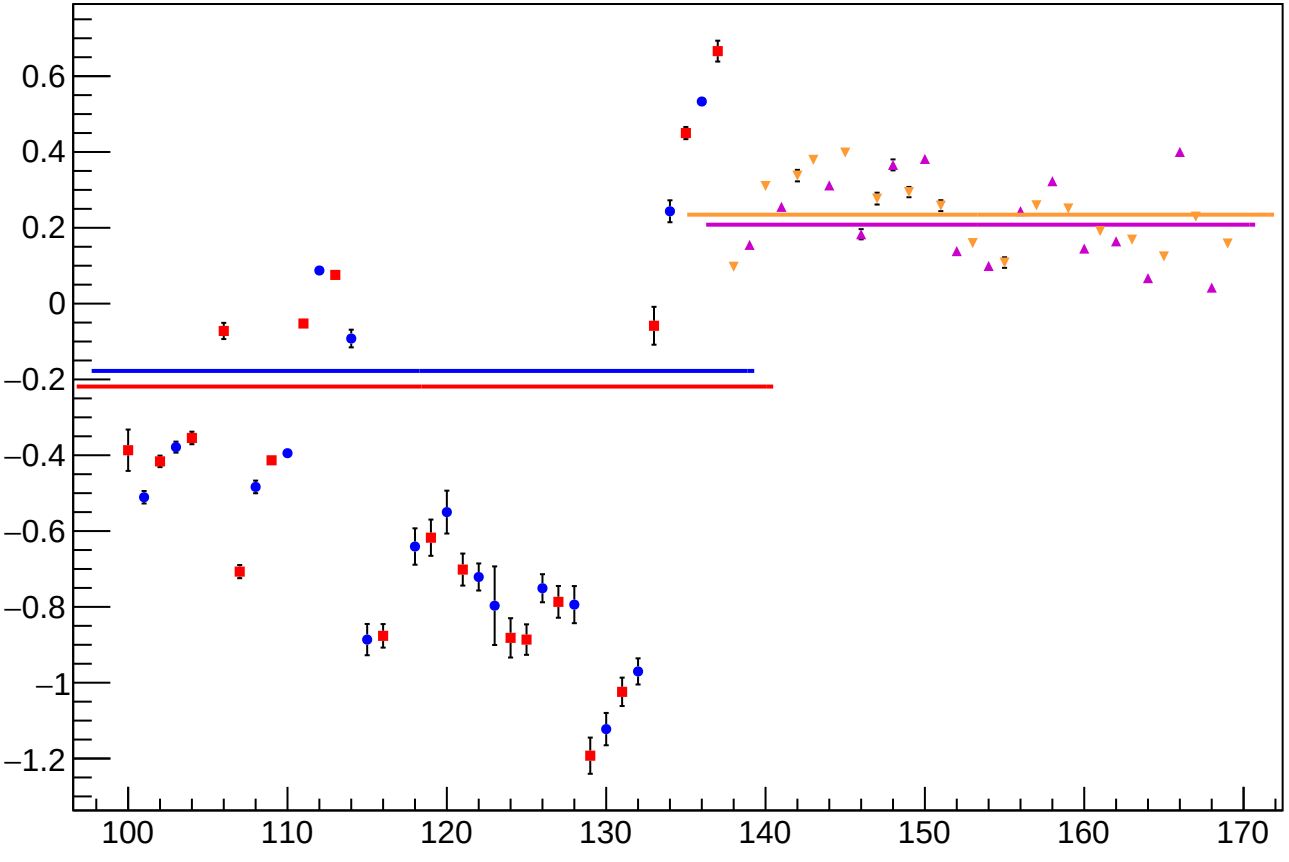
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 41.378+/-0.052 χ^2/NDF:18759.8/31

Out: 40.396+/-0.048 χ^2/NDF:22897.1/35

All: 40.850+/-0.035 χ^2/NDF: 41852.1/67

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.235+/-0.003 χ^2/NDF:994.3/16

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.208+/-0.003 χ^2/NDF:1436.0/14

Left: 0.222+/-0.002 χ^2/NDF: 2472.2/31

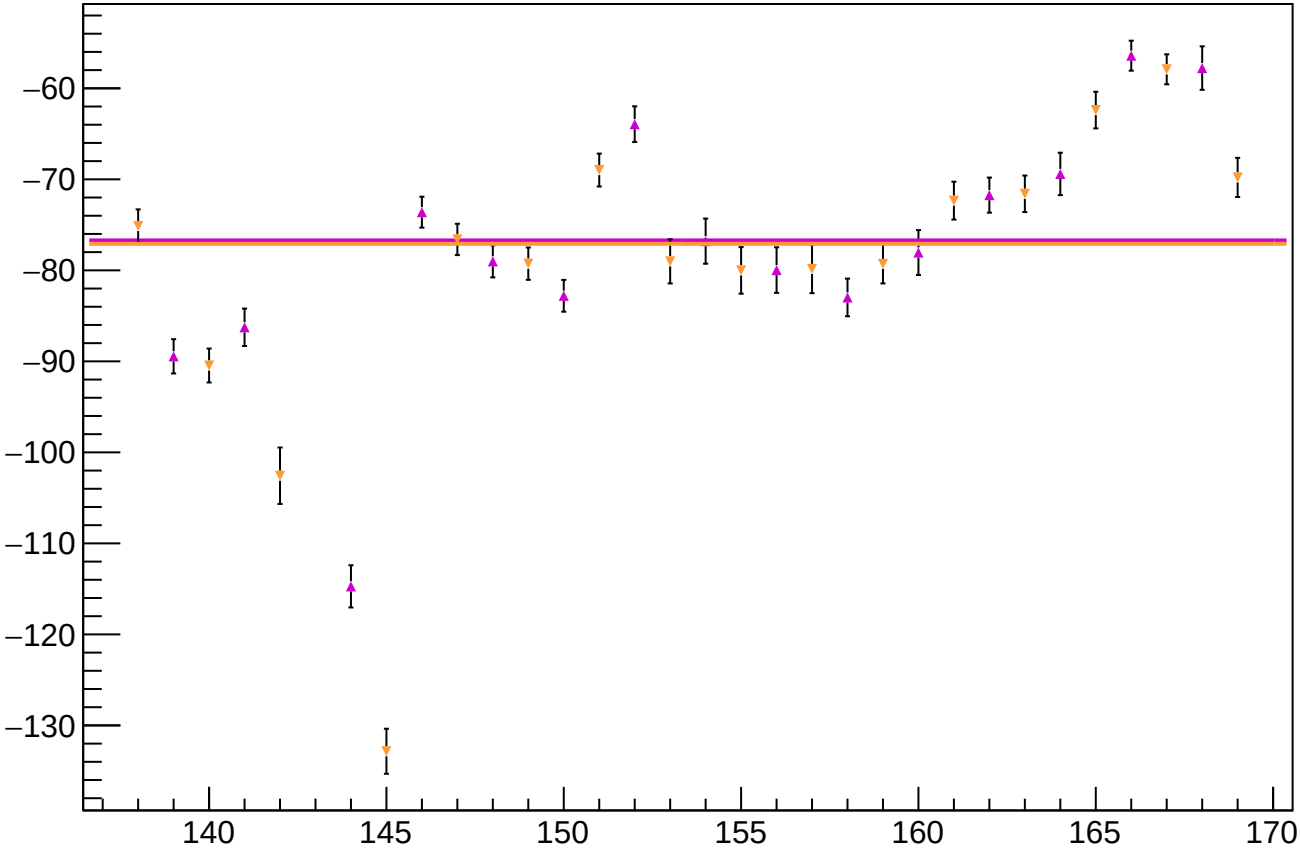
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.103+/-0.003 χ^2/NDF:13449.3/31

Out: 0.099+/-0.002 χ^2/NDF:16260.5/35

All: 0.101+/-0.002 χ^2/NDF: 29711.5/67

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -77.083+/-0.512 χ^2/NDF:865.8/15

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

Left In: -76.714+/-0.521 χ^2/NDF:638.0/14

Left: -76.902+/-0.366 χ^2/NDF: 1504.0/30

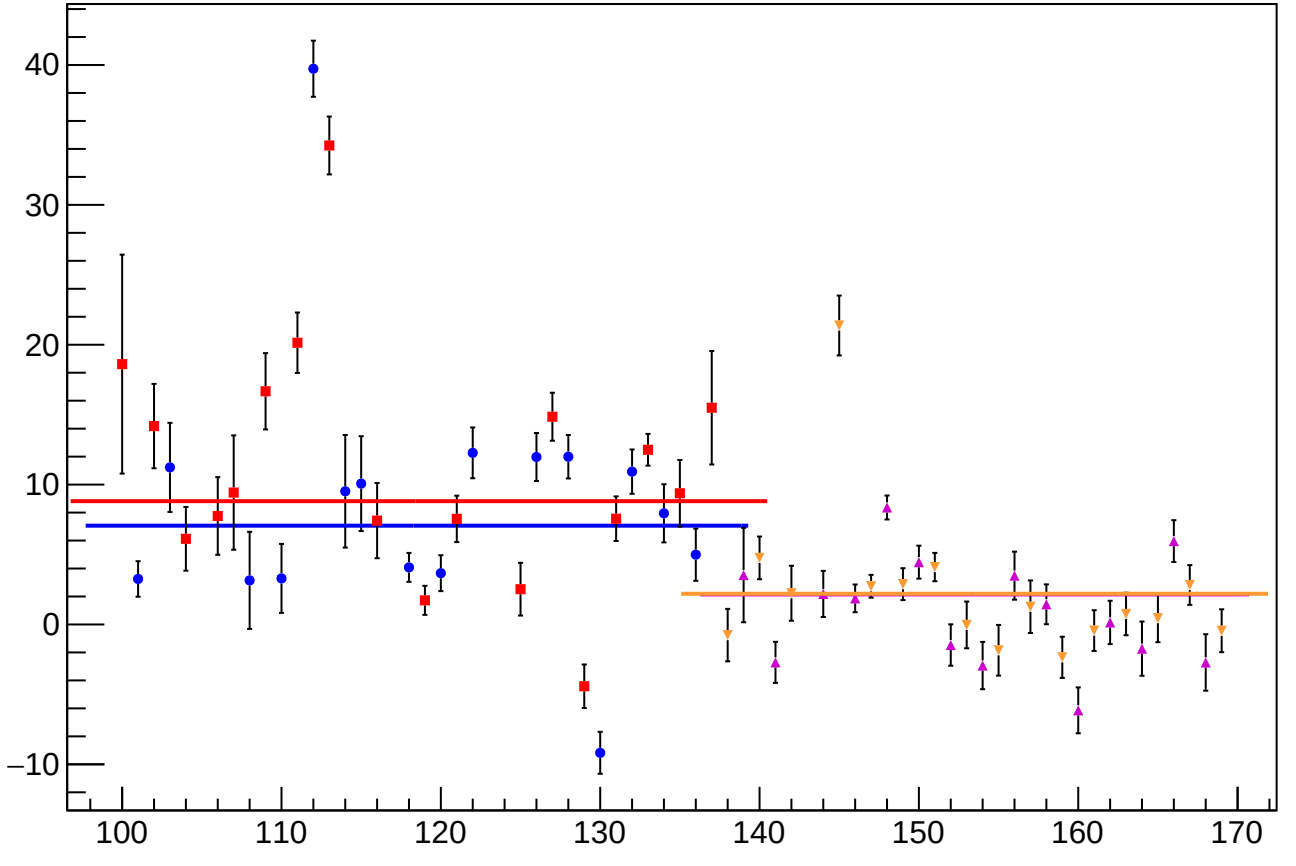
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -76.714+/-0.521 χ^2/NDF:638.0/14

Out: -77.083+/-0.512 χ^2/NDF:865.8/15

All: -76.902+/-0.366 χ^2/NDF: 1504.0/30

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.195+/-0.353 χ^2/NDF:114.9/15

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 2.146+/-0.367 χ^2/NDF:127.1/14

Left: 2.171+/-0.255 χ^2/NDF: 242.0/30

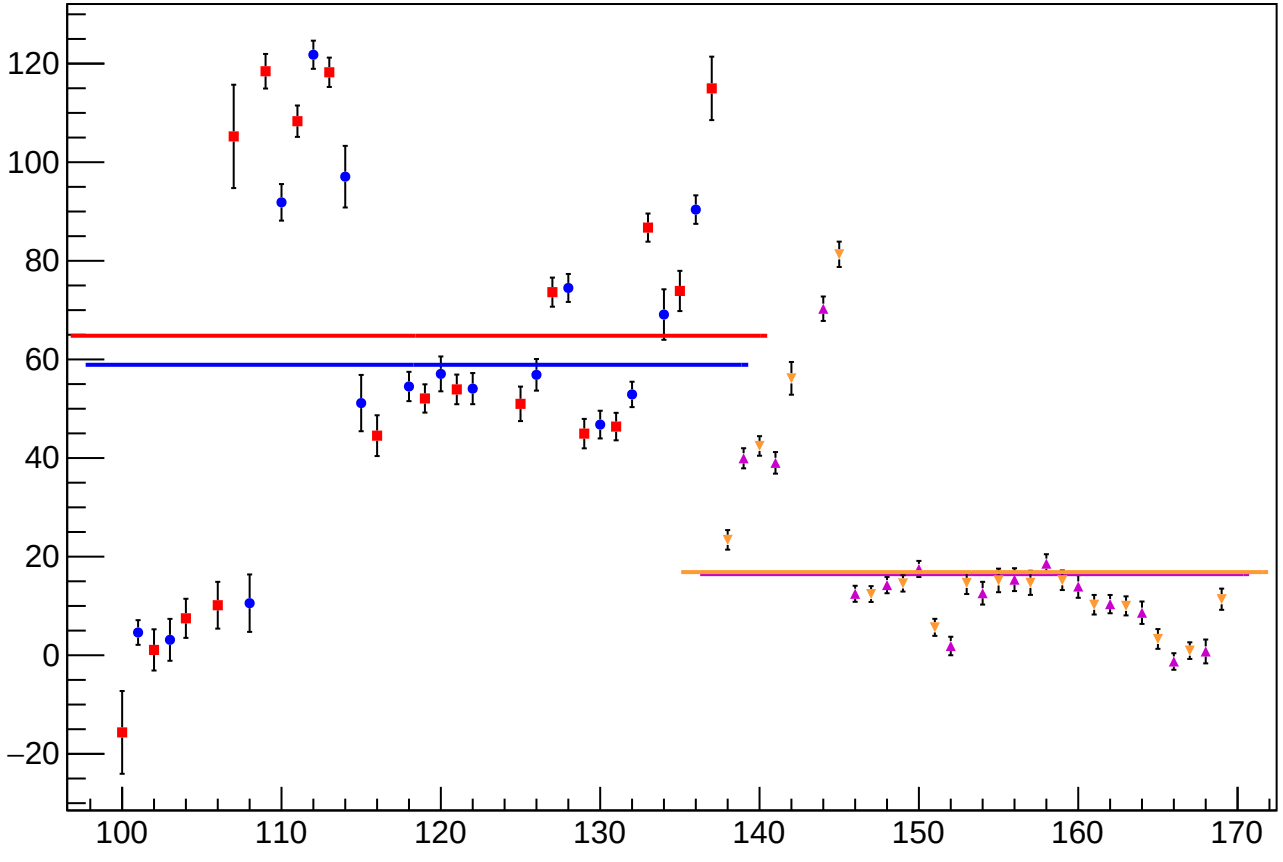
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 4.202+/-0.280 χ^2/NDF:648.8/30

Out: 4.726+/-0.278 χ^2/NDF:599.6/33

All: 4.466+/-0.197 χ^2/NDF: 1250.2/64

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 16.863+/-0.502 χ^2/NDF:1166.5/15

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 16.450+/-0.509 χ^2/NDF:961.1/14

Left: 16.659+/-0.357 χ^2/NDF: 2127.9/30

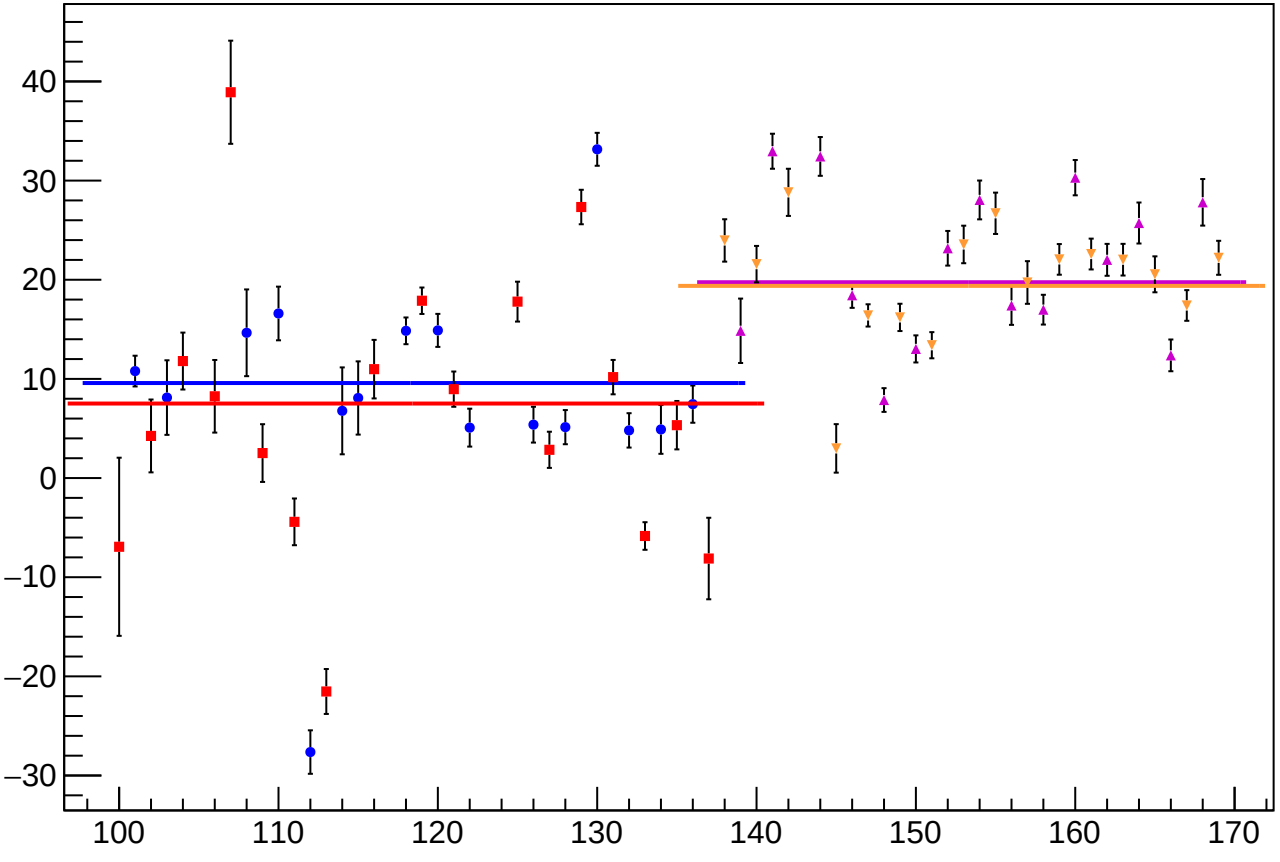
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 28.017+/-0.434 χ^2/NDF:4355.7/30

Out: 29.475+/-0.431 χ^2/NDF:5283.5/33

All: 28.751+/-0.306 χ^2/NDF: 9644.9/64

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 19.382+/-0.416 χ^2/NDF:131.6/15

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 19.750+/-0.433 χ^2/NDF:329.3/14

Left: 19.559+/-0.300 χ^2/NDF: 461.3/30

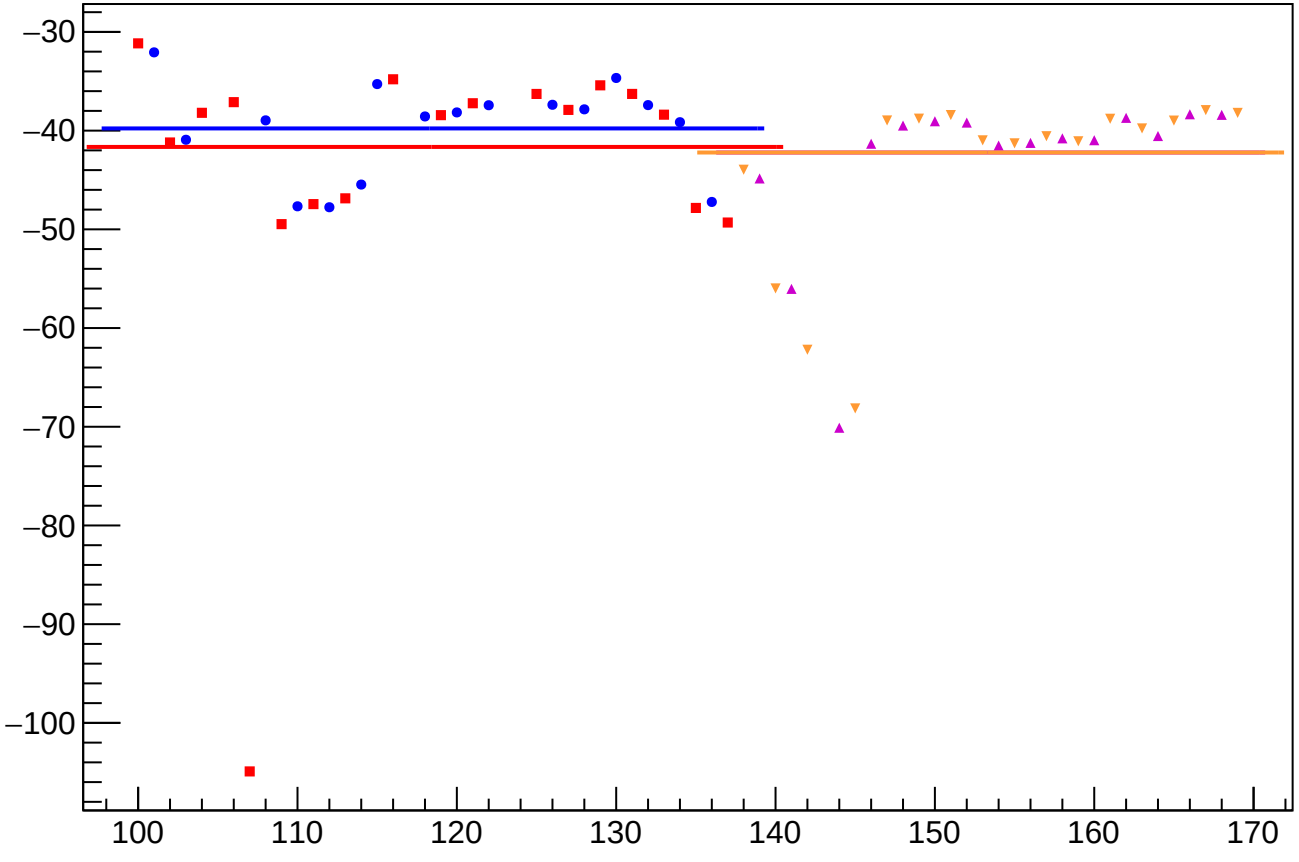
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 15.403+/-0.328 χ^2/NDF:1119.4/30

Out: 14.698+/-0.324 χ^2/NDF:1021.9/33

All: 15.046+/-0.230 χ^2/NDF: 2143.6/64

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -42.216+/-0.020 χ^2/NDF:131959.8/15

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -42.217+/-0.020 χ^2/NDF:104749.8/14

Left: -42.216+/-0.014 χ^2/NDF: 236709.6/30

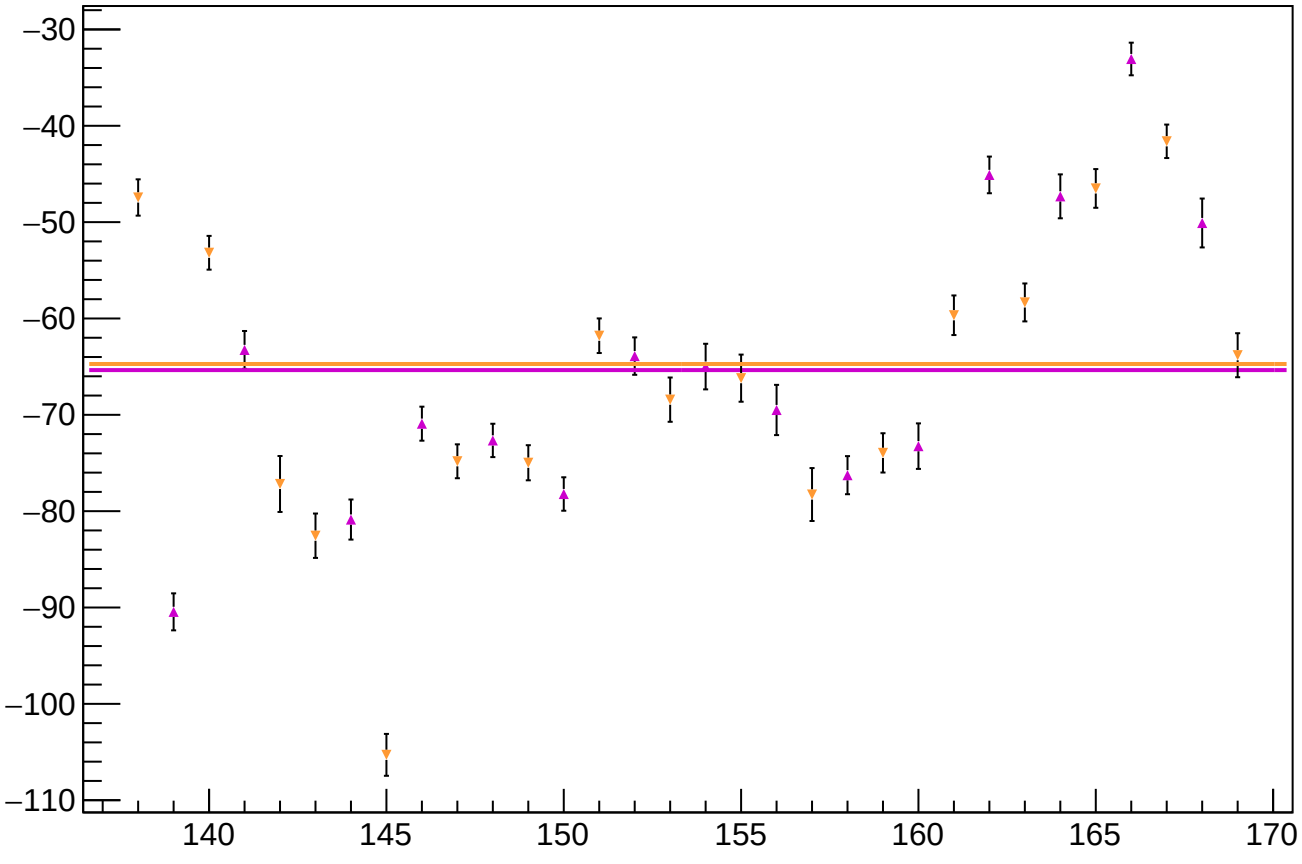
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -41.490+/-0.017 χ^2/NDF:135239.7/30

Out: -42.051+/-0.017 χ^2/NDF:226649.9/33

All: -41.773+/-0.012 χ^2/NDF: 362442.4/64

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -64.724+/-0.497 χ^2/NDF:945.2/16

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

Left In: -65.358+/-0.517 χ^2/NDF:930.6/14

Left: -65.028+/-0.358 χ^2/NDF: 1876.6/31

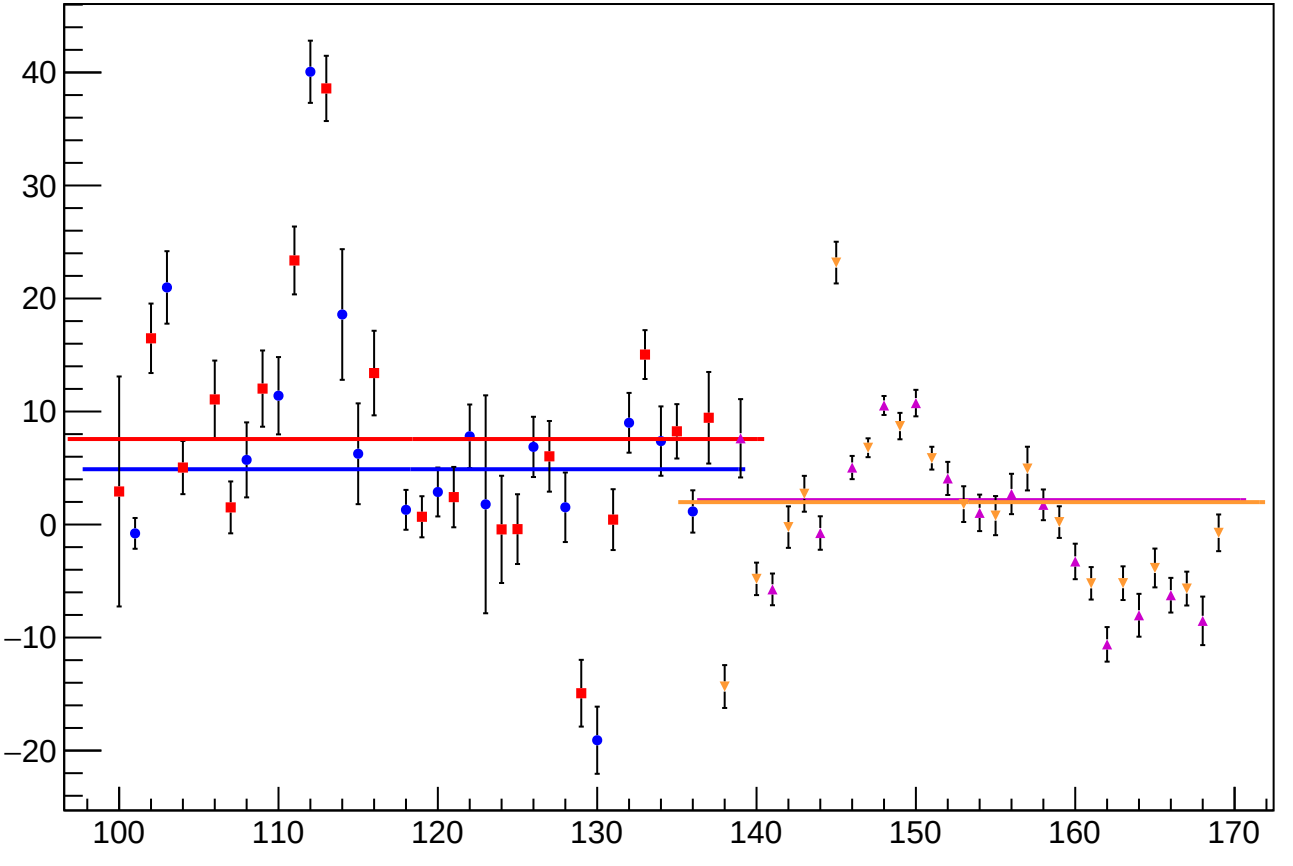
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -65.358+/-0.517 χ^2/NDF:930.6/14

Out: -64.724+/-0.497 χ^2/NDF:945.2/16

All: -65.028+/-0.358 χ^2/NDF: 1876.6/31

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 1.982+/-0.343 χ^2/NDF:404.3/16

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 2.160+/-0.363 χ^2/NDF:366.7/14

Left: 2.066+/-0.249 χ^2/NDF: 771.2/31

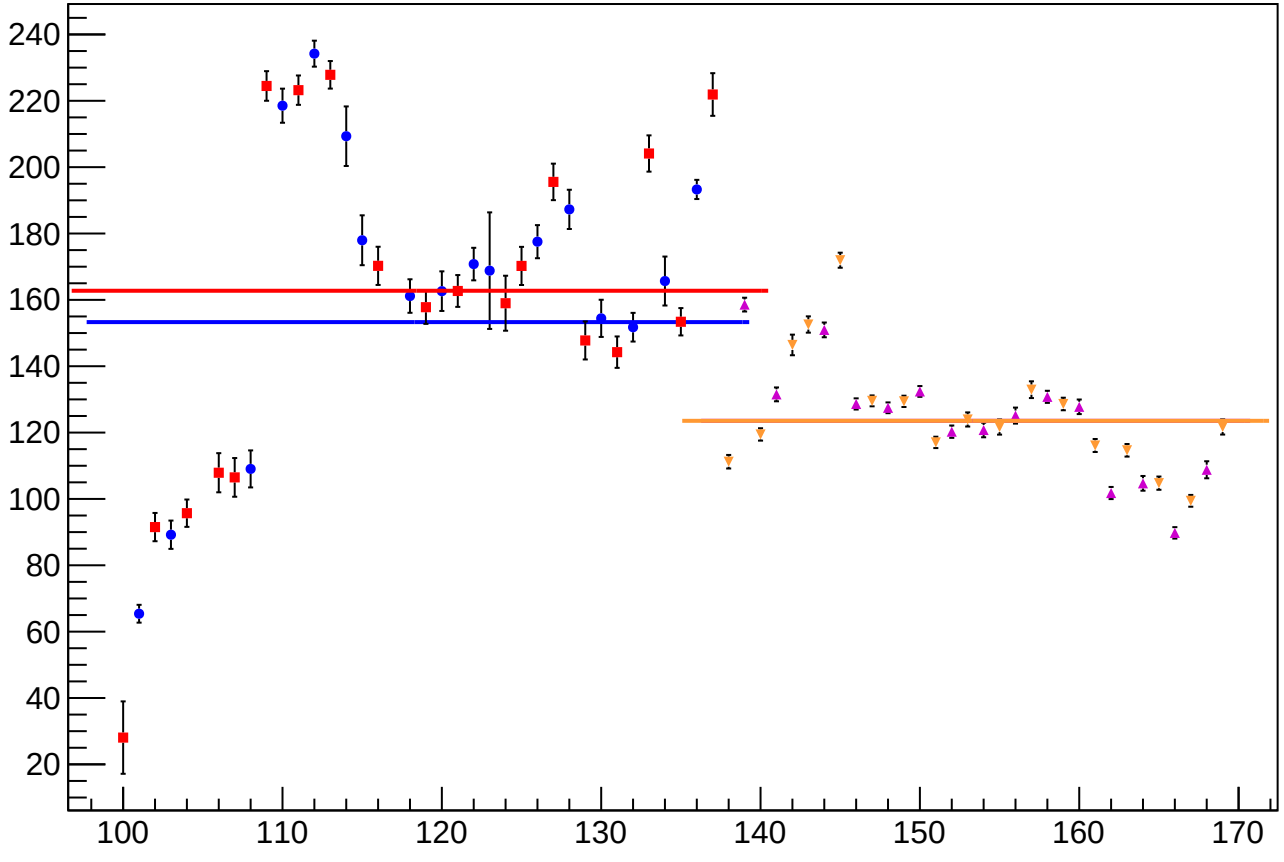
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 2.855+/-0.313 χ^2/NDF:676.6/31

Out: 3.192+/-0.303 χ^2/NDF:732.0/35

All: 3.029+/-0.218 χ^2/NDF: 1409.1/67

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 123.544+/-0.489 χ^2/NDF:1060.4/16

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 123.542+/-0.504 χ^2/NDF:1149.2/14

Left: 123.543+/-0.351 χ^2/NDF: 2209.6/31

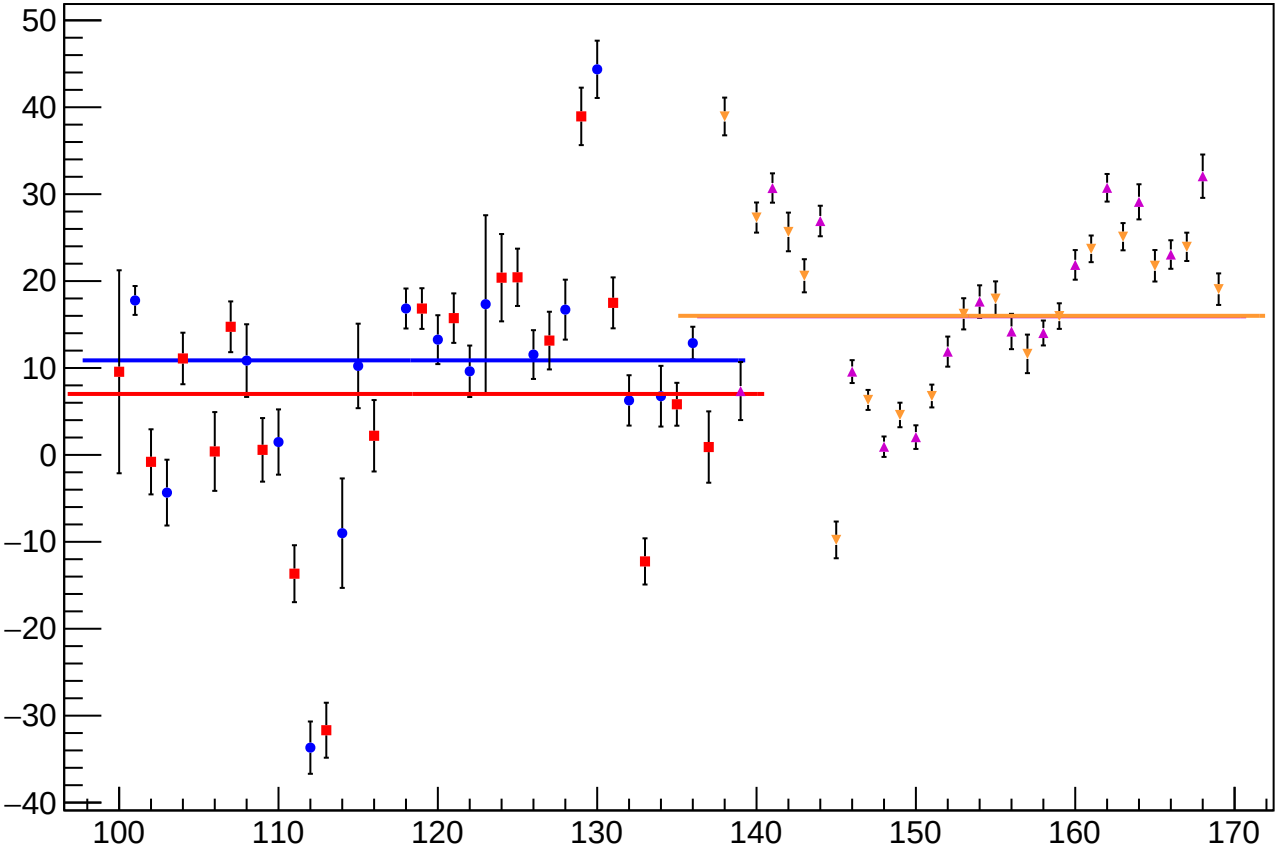
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 128.374+/-0.461 χ^2/NDF:3982.0/31

Out: 129.309+/-0.451 χ^2/NDF:3716.0/35

All: 128.852+/-0.323 χ^2/NDF: 7700.0/67

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 16.003+/-0.404 χ^2/NDF:613.8/16

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 15.950+/-0.427 χ^2/NDF:623.6/14

Left: 15.978+/-0.294 χ^2/NDF: 1237.5/31

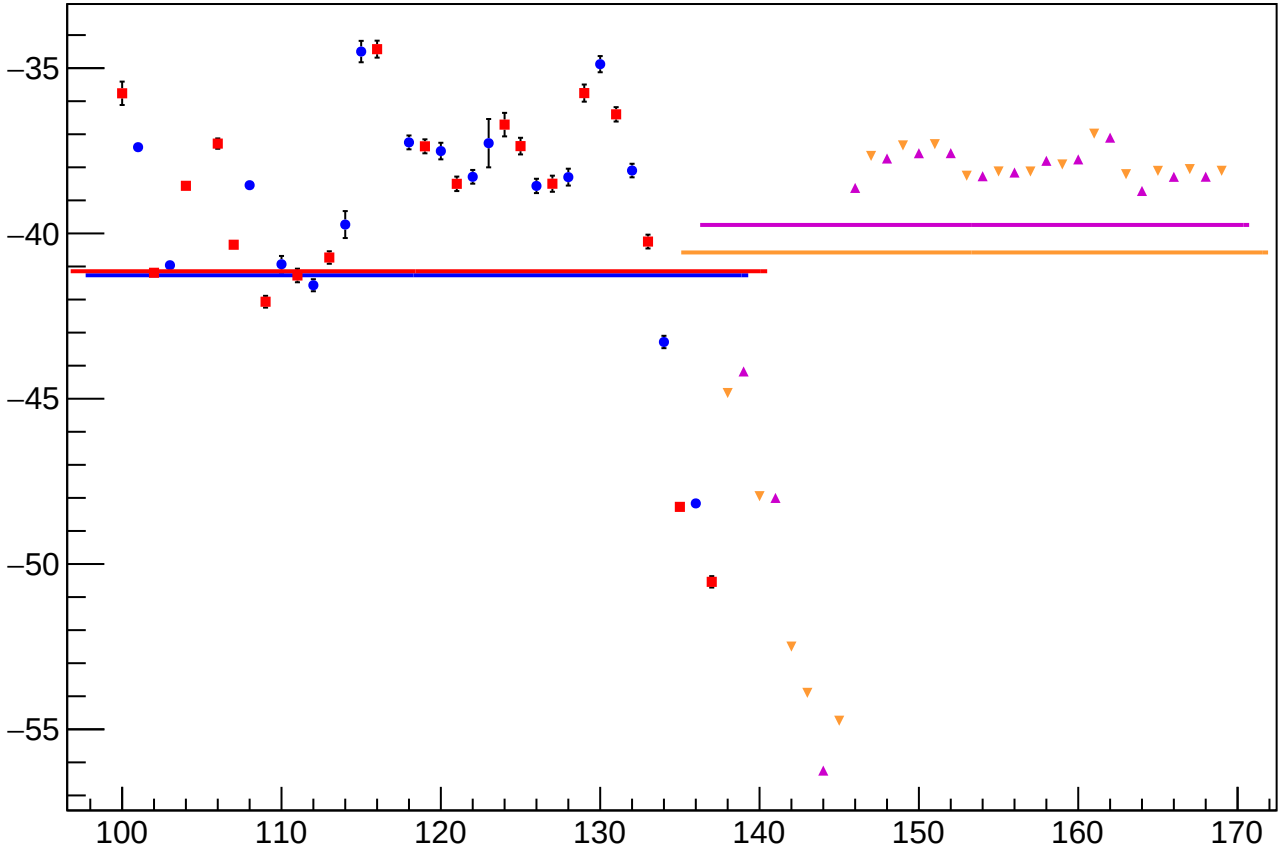
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 14.610+/-0.367 χ^2/NDF:1048.9/31

Out: 13.974+/-0.355 χ^2/NDF:1150.2/35

All: 14.282+/-0.255 χ^2/NDF: 2200.6/67

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -40.575+/-0.019 χ^2/NDF:79143.9/16

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -39.743+/-0.020 χ^2/NDF:49100.0/14

Left: -40.173+/-0.014 χ^2/NDF: 129132.8/31

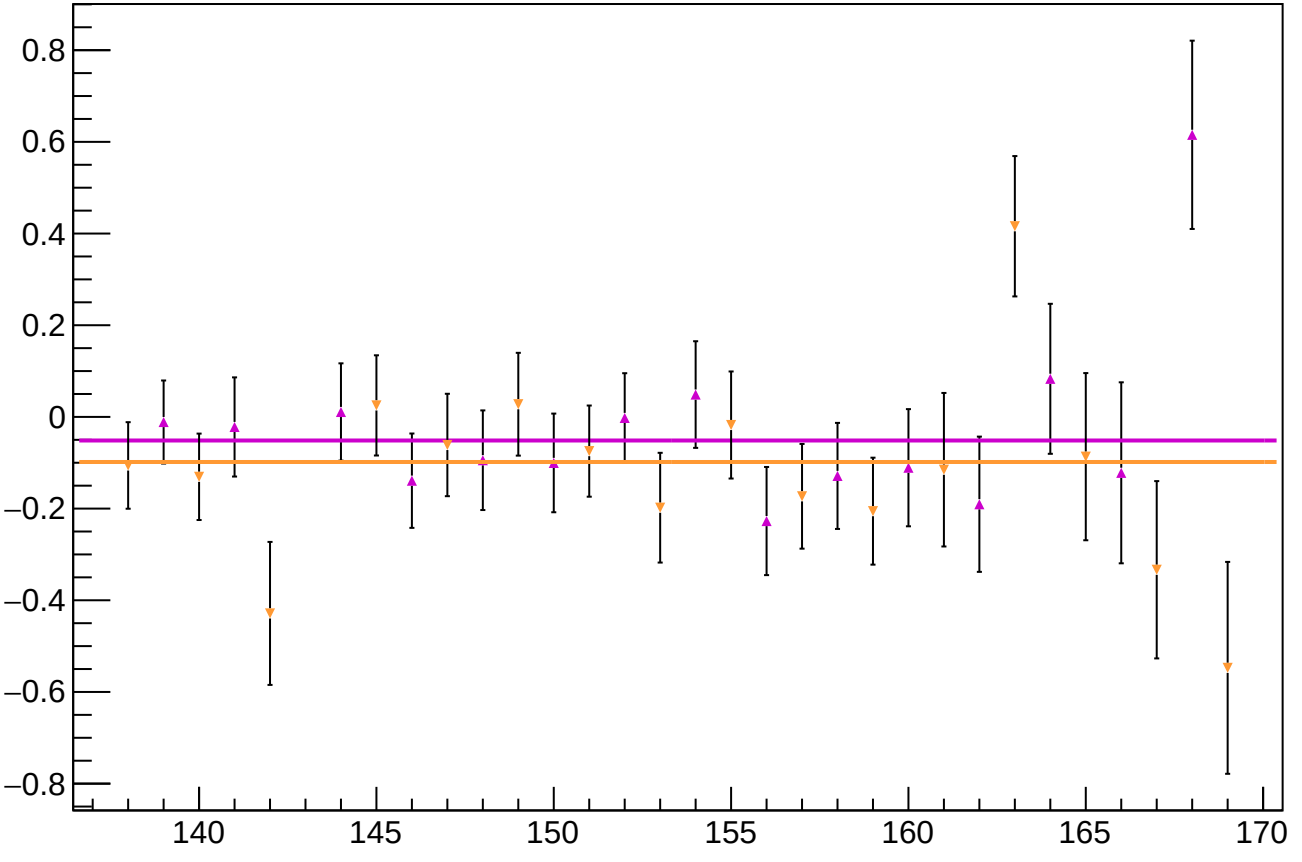
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -40.068+/-0.018 χ^2/NDF:62899.8/31

Out: -40.690+/-0.017 χ^2/NDF:91535.4/35

All: -40.387+/-0.012 χ^2/NDF: 155061.7/67

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.098+/-0.031 χ^2/NDF:26.3/15

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

Left In: -0.051+/-0.030 χ^2/NDF:17.8/14

Left: -0.075+/-0.022 χ^2/NDF: 45.3/30

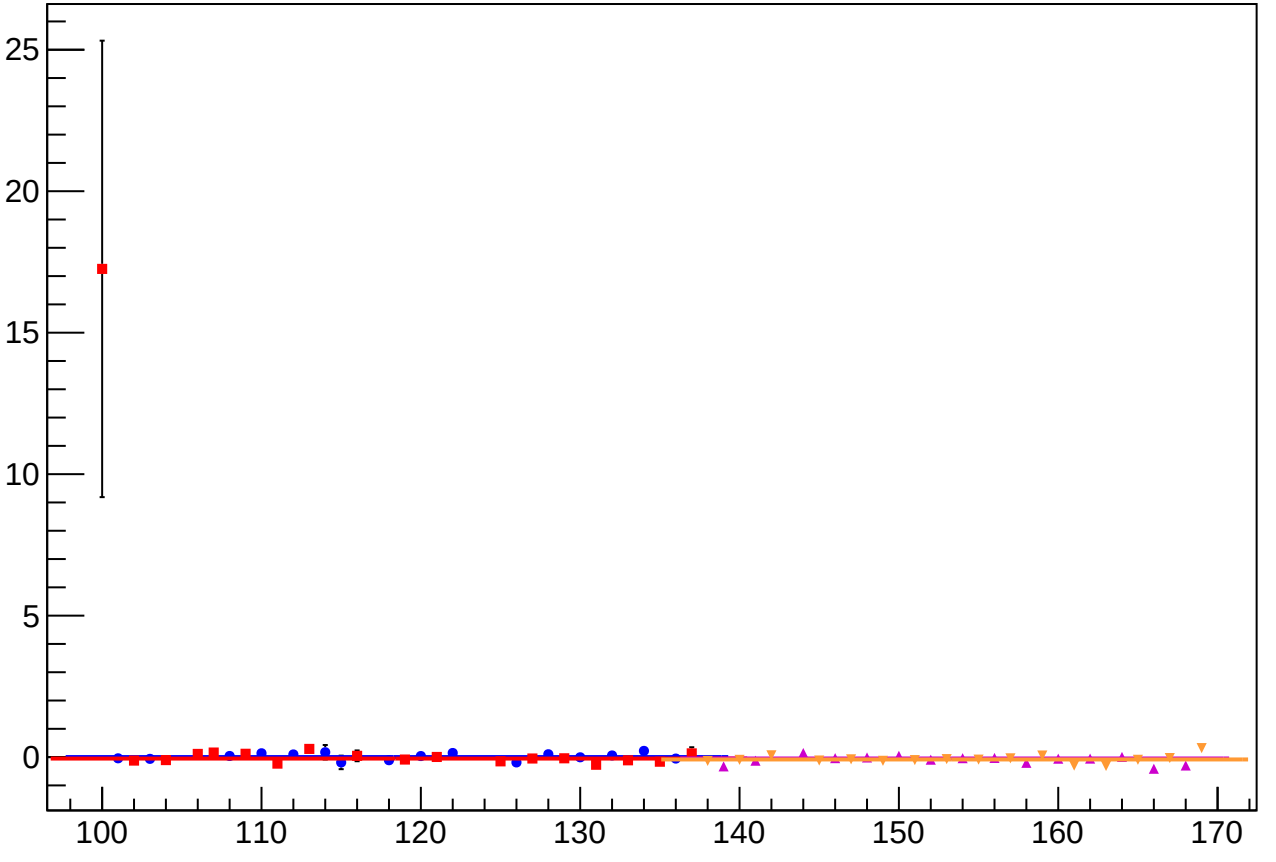
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.051+/-0.030 χ^2/NDF:17.8/14

Out: -0.098+/-0.031 χ^2/NDF:26.3/15

All: -0.075+/-0.022 χ^2/NDF: 45.3/30

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:19.7/15

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.049+/-0.021 χ^2/NDF:22.9/14

Left: -0.066+/-0.015 χ^2/NDF: 43.9/30

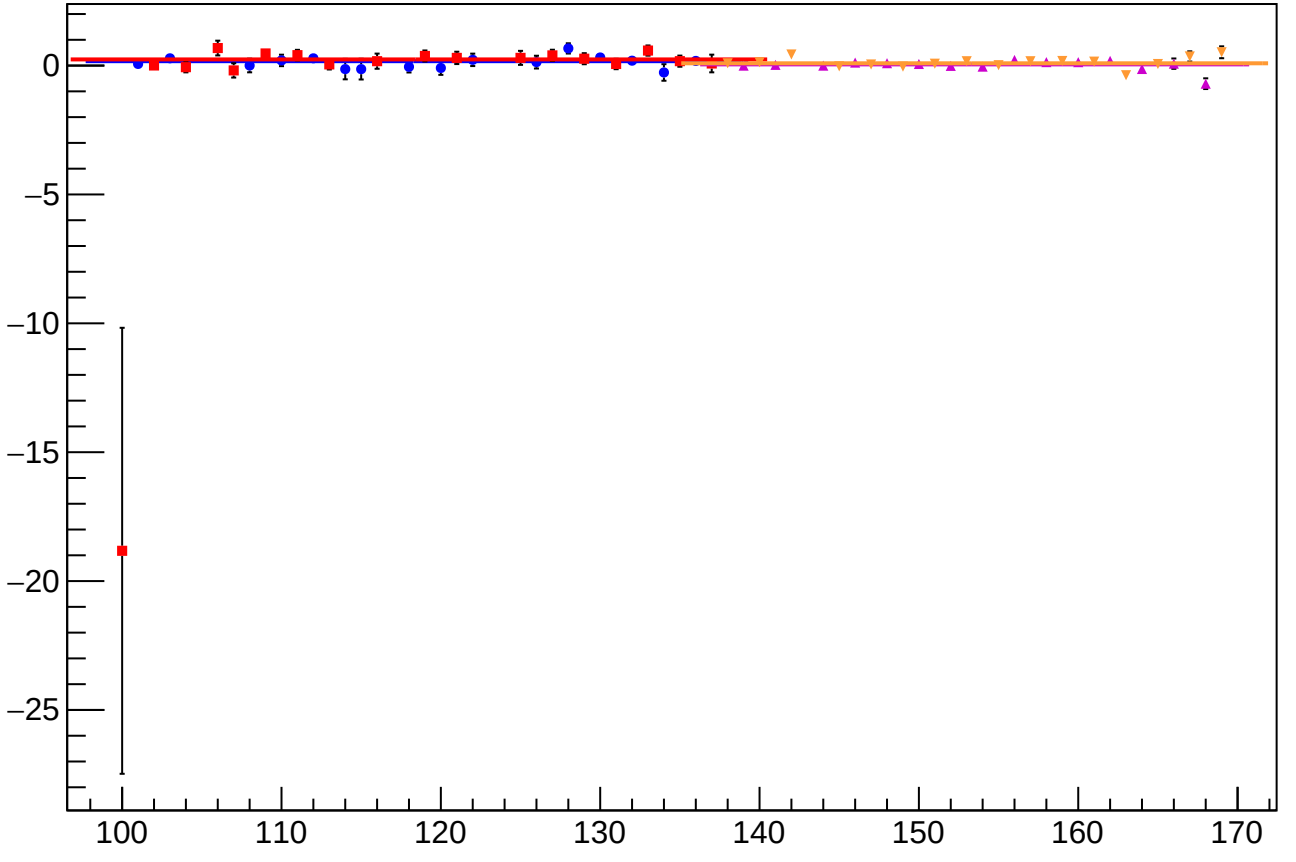
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.030+/-0.017 χ^2/NDF:37.5/30

Out: -0.072+/-0.017 χ^2/NDF:46.3/33

All: -0.051+/-0.012 χ^2/NDF: 86.7/64

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.088+/-0.030 χ^2/NDF:24.7/15

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.047+/-0.030 χ^2/NDF:21.0/14

Left: 0.067+/-0.021 χ^2/NDF: 46.7/30

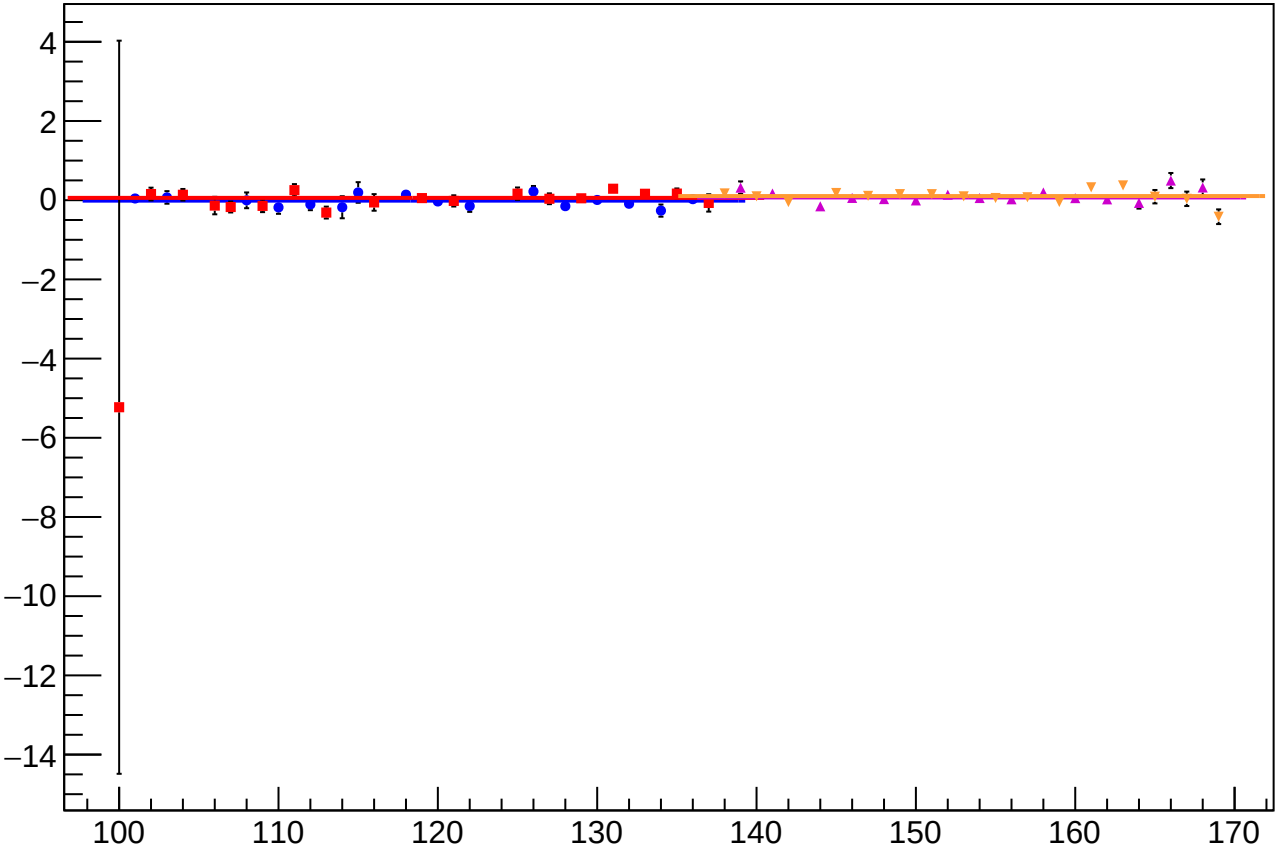
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.077+/-0.026 χ^2/NDF:39.0/30

Out: 0.124+/-0.026 χ^2/NDF:52.4/33

All: 0.100+/-0.018 χ^2/NDF: 93.0/64

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.104+/-0.025 χ^2/NDF:22.7/15

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.069+/-0.025 χ^2/NDF:21.7/14

Left: 0.087+/-0.018 χ^2/NDF: 45.4/30

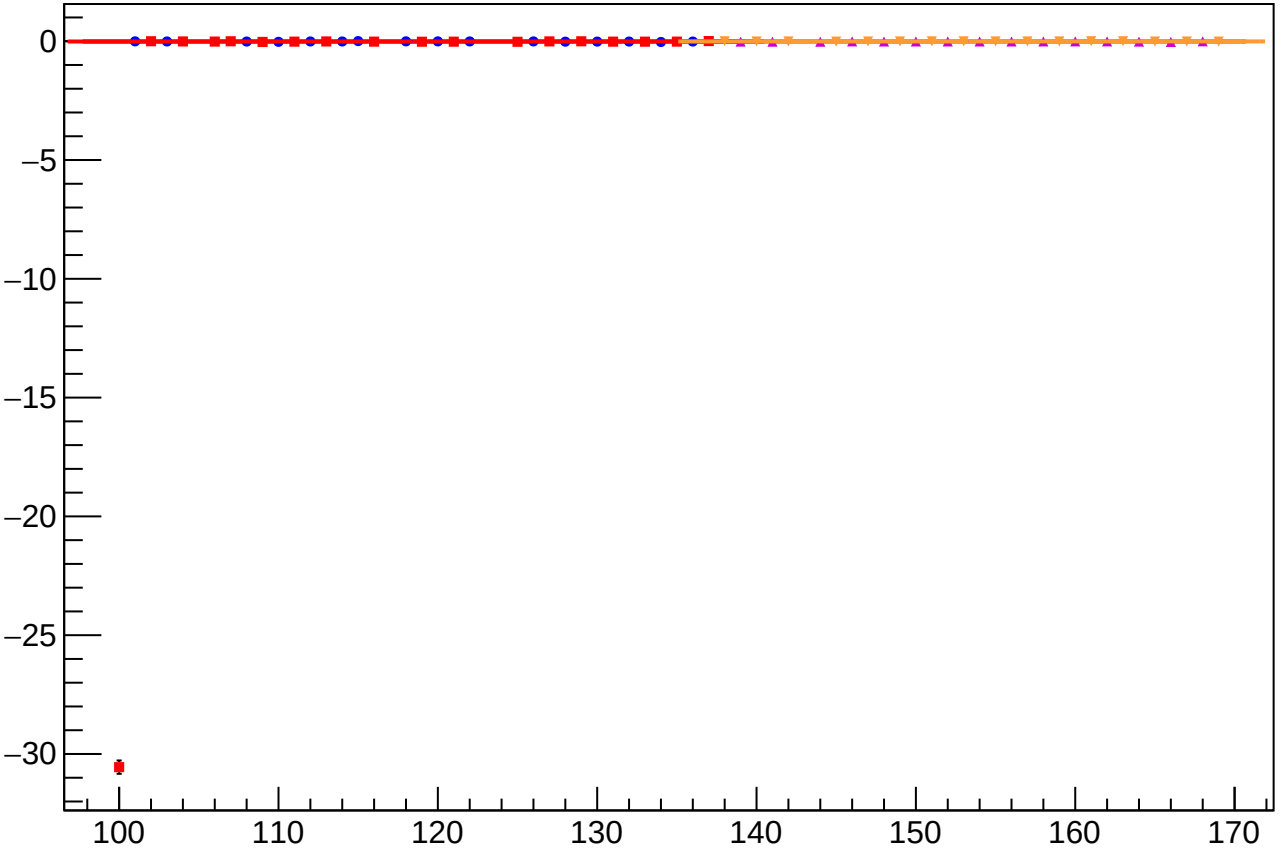
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.039+/-0.020 χ^2/NDF:39.2/30

Out: 0.088+/-0.020 χ^2/NDF:44.5/33

All: 0.063+/-0.014 χ^2/NDF: 86.6/64

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.008+/-0.001 χ^2/NDF:13.5/15

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.011+/-0.001 χ^2/NDF:18.0/14

Left: -0.010+/-0.001 χ^2/NDF: 33.7/30

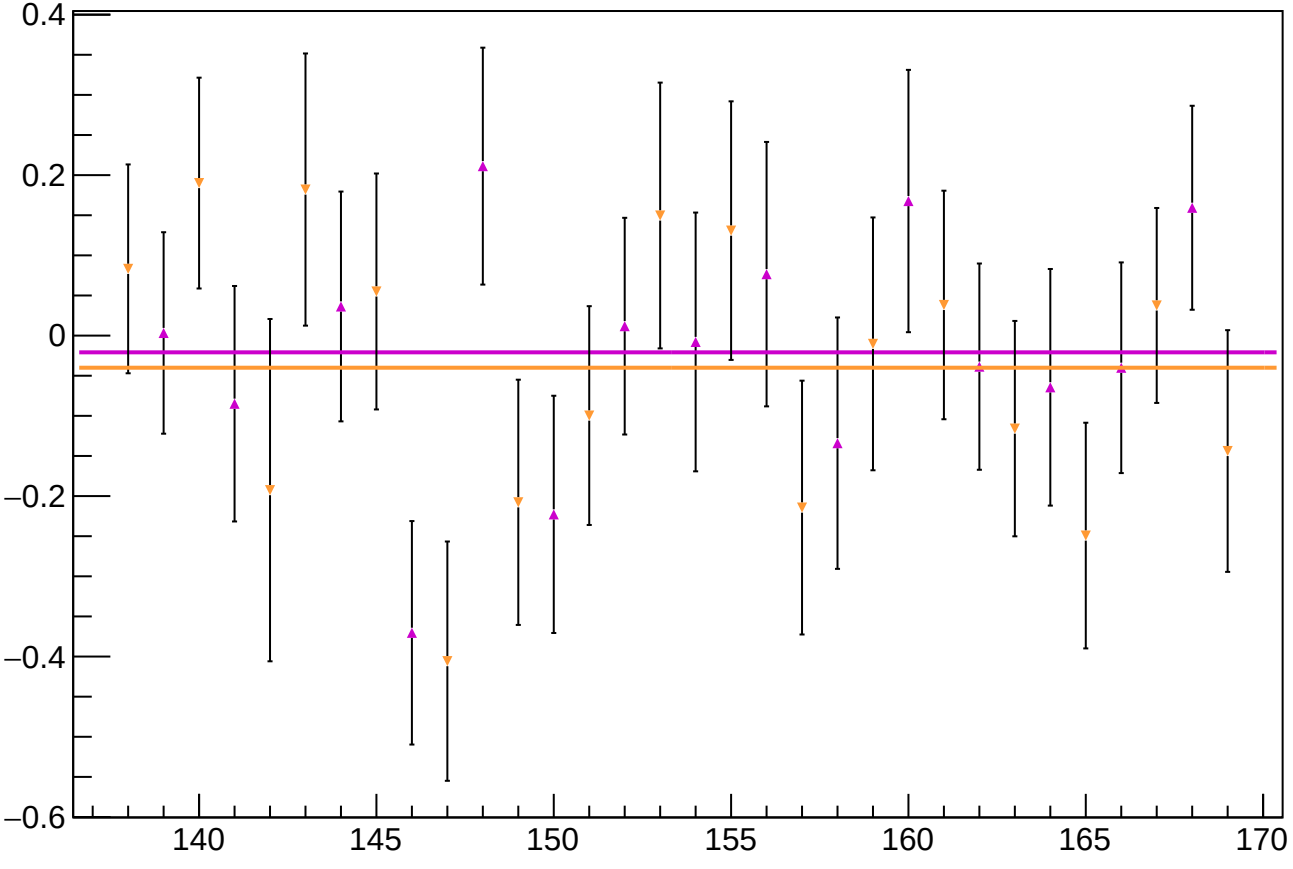
Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.011+/-0.001 χ^2/NDF:31.2/30

Out: -0.010+/-0.001 χ^2/NDF:11907.9/33

All: -0.010+/-0.001 χ^2/NDF: 11940.4/64

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.040+/-0.036 χ^2/NDF:21.4/16

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

Left In: -0.021+/-0.037 χ^2/NDF:15.4/14

Left: -0.031+/-0.026 χ^2/NDF: 37.0/31

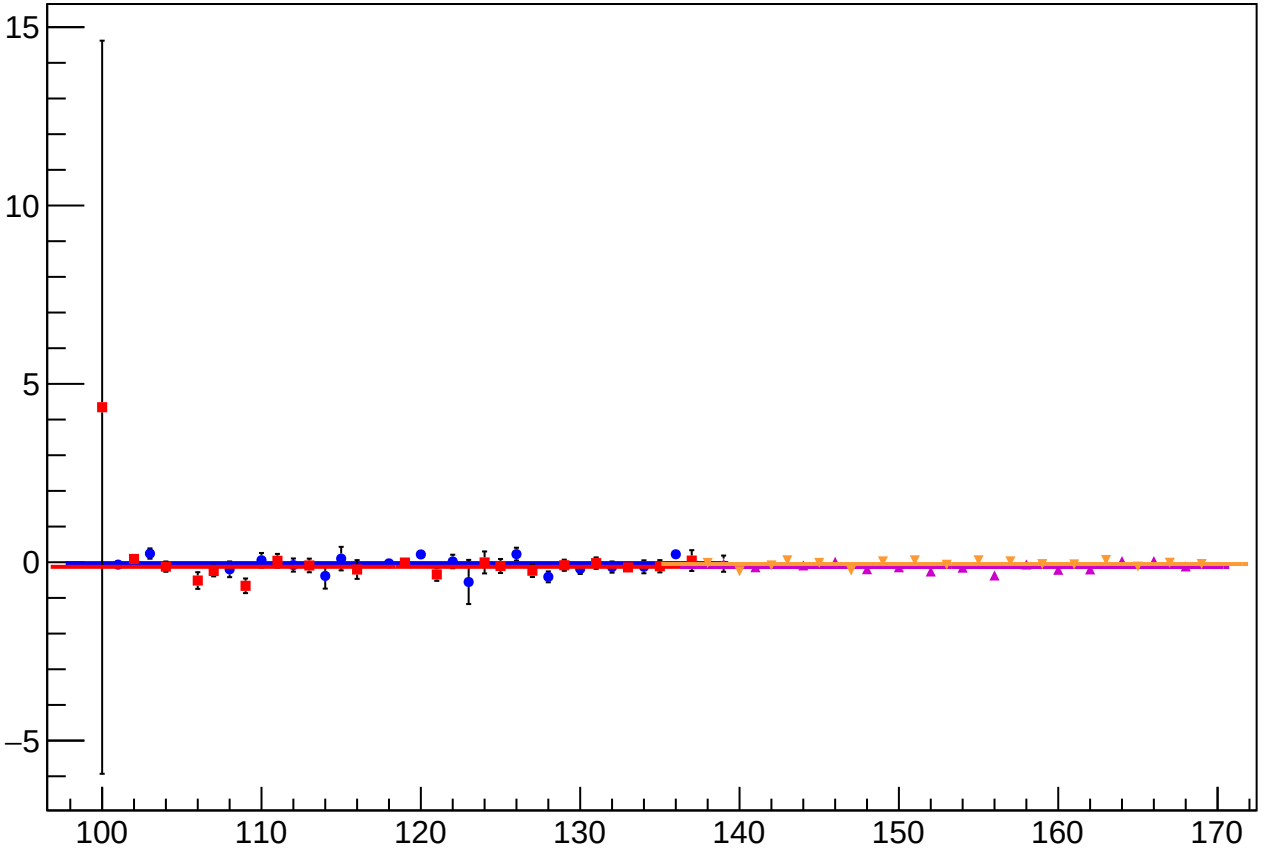
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.021+/-0.037 χ^2/NDF:15.4/14

Out: -0.040+/-0.036 χ^2/NDF:21.4/16

All: -0.031+/-0.026 χ^2/NDF: 37.0/31

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.050+/-0.025 χ^2/NDF:16.5/16

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.133+/-0.027 χ^2/NDF:15.3/14

Left: -0.089+/-0.018 χ^2/NDF: 36.8/31

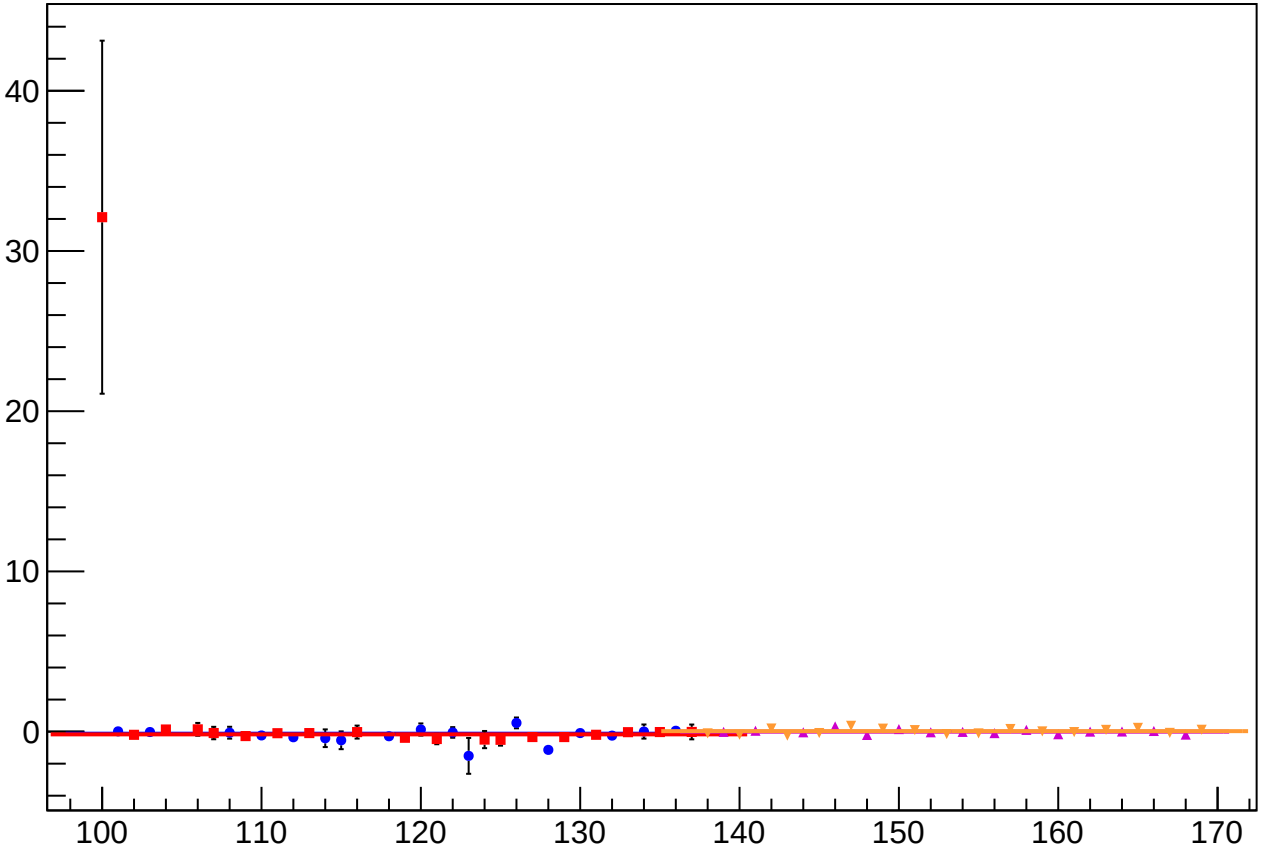
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.095+/-0.022 χ^2/NDF:44.4/31

Out: -0.073+/-0.021 χ^2/NDF:36.9/35

All: -0.084+/-0.015 χ^2/NDF: 81.8/67

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.030+/-0.035 χ^2/NDF:21.1/16

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.003+/-0.036 χ^2/NDF:14.1/14

Left: 0.014+/-0.025 χ^2/NDF: 35.6/31

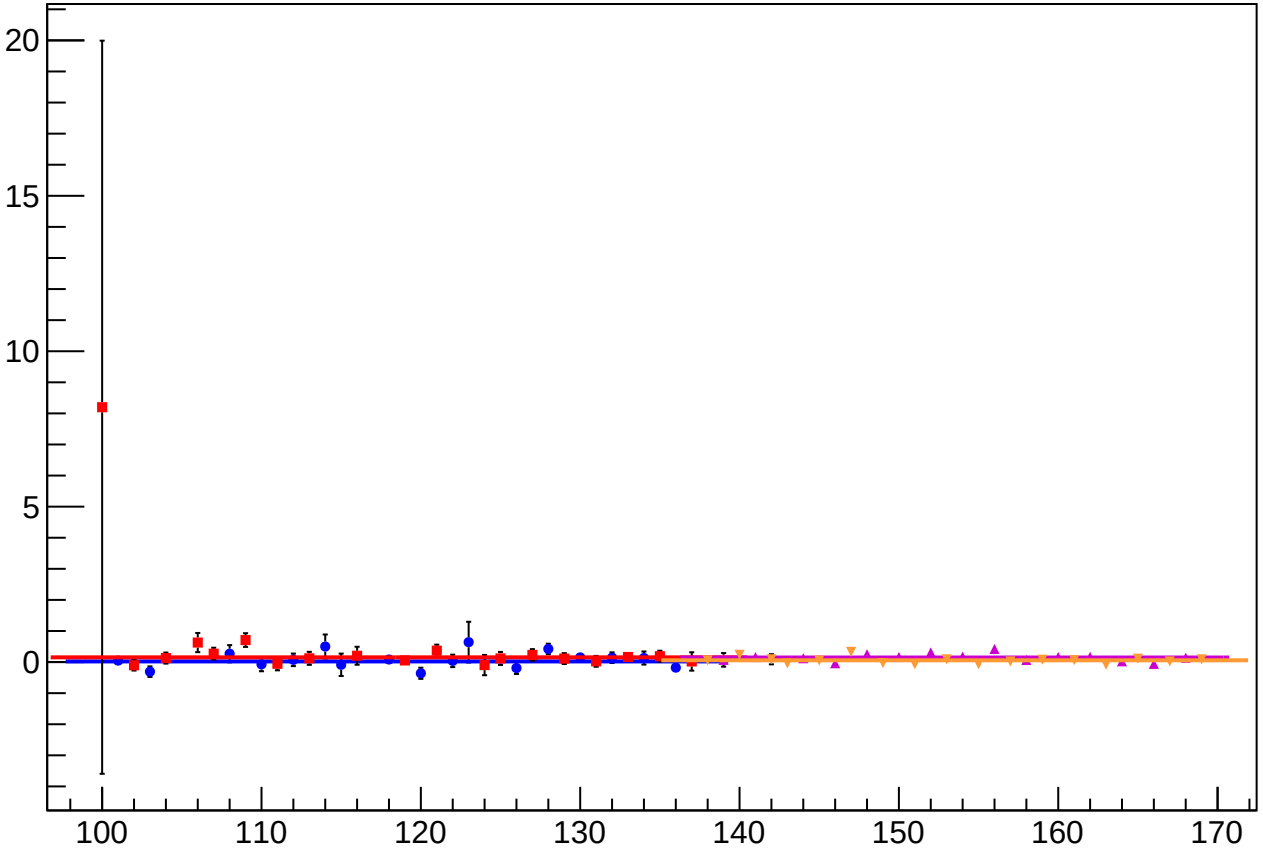
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.031+/-0.032 χ^2/NDF:40.6/31

Out: -0.010+/-0.032 χ^2/NDF:42.6/35

All: -0.021+/-0.022 χ^2/NDF: 83.4/67

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.057+/-0.030 χ^2/NDF:15.5/16

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.147+/-0.031 χ^2/NDF:14.9/14

Left: 0.099+/-0.021 χ^2/NDF: 34.7/31

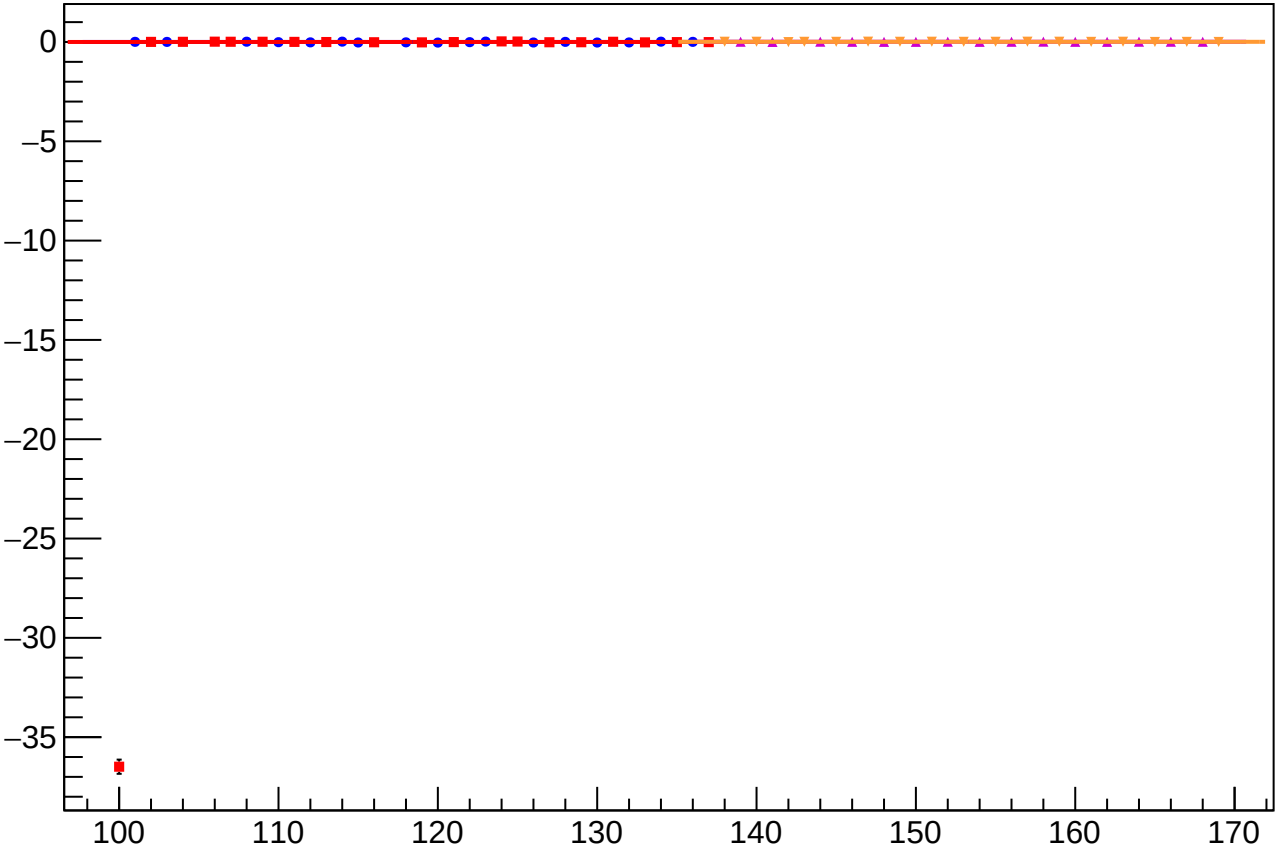
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.102+/-0.025 χ^2/NDF:43.1/31

Out: 0.085+/-0.025 χ^2/NDF:34.8/35

All: 0.094+/-0.018 χ^2/NDF: 78.1/67

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.001 χ^2/NDF:11.4/16

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.001 χ^2/NDF:6.0/14

Left: 0.010+/-0.001 χ^2/NDF: 18.8/31

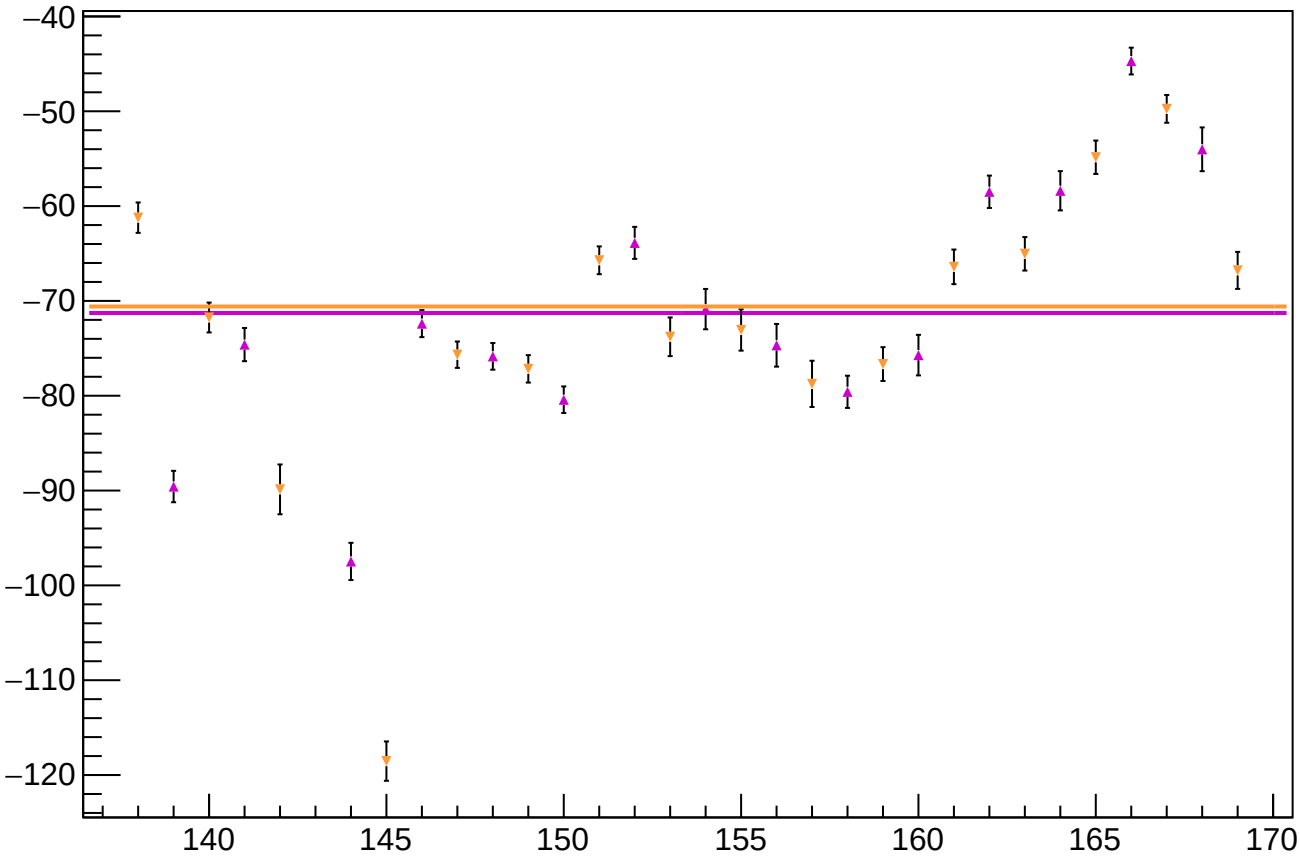
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.008+/-0.001 χ^2/NDF:53.2/31

Out: 0.007+/-0.001 χ^2/NDF:10469.8/35

All: 0.008+/-0.001 χ^2/NDF: 10523.8/67

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: -70.589+/-0.437 χ^2/NDF:995.1/15

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

Left In: -71.274+/-0.445 χ^2/NDF:912.2/14

Left: -70.926+/-0.312 χ^2/NDF: 1908.5/30

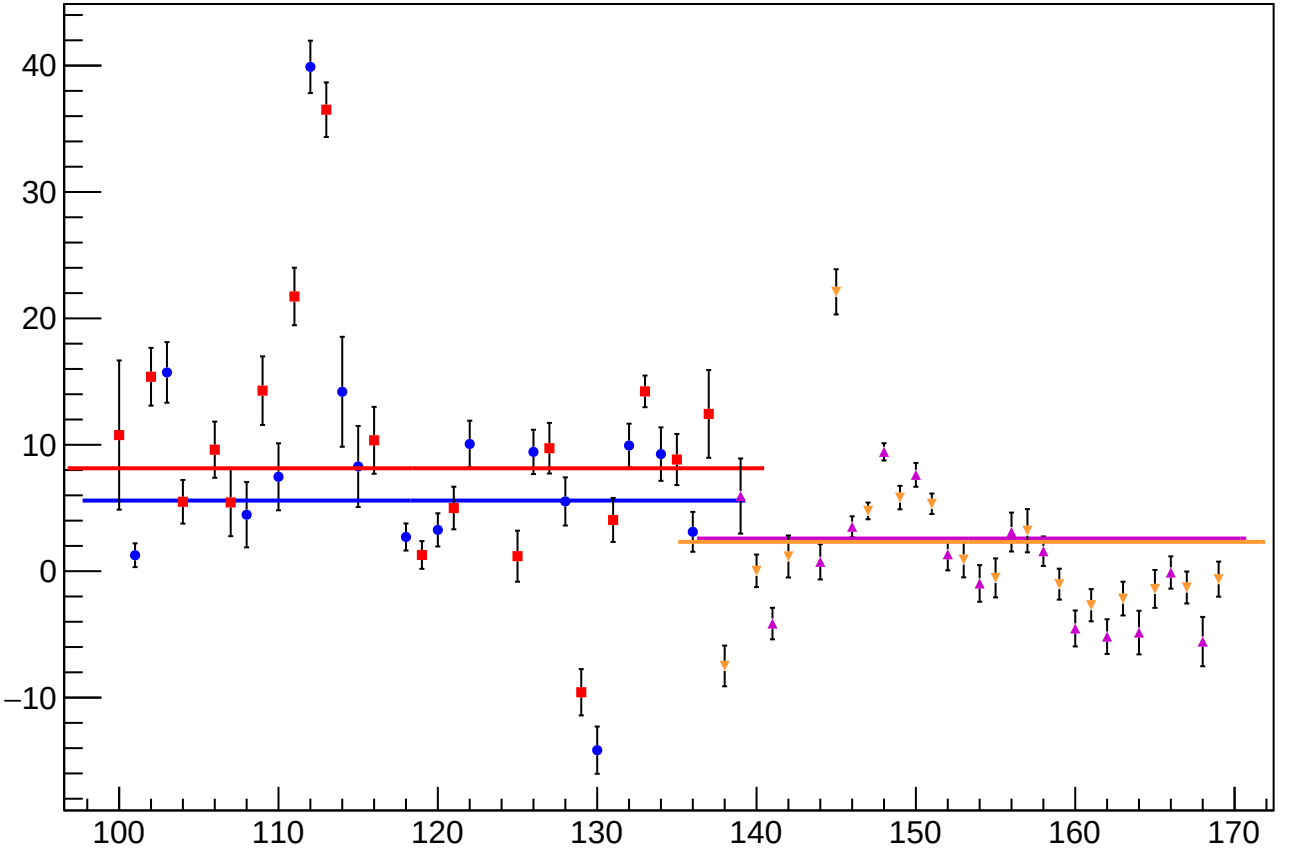
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -71.274+/-0.445 χ^2/NDF:912.2/14

Out: -70.589+/-0.437 χ^2/NDF:995.1/15

All: -70.926+/-0.312 χ^2/NDF: 1908.5/30

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: 2.321+/-0.297 χ^2/NDF:262.8/15

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 2.582+/-0.309 χ^2/NDF:268.2/14

Left: 2.446+/-0.214 χ^2/NDF: 531.4/30

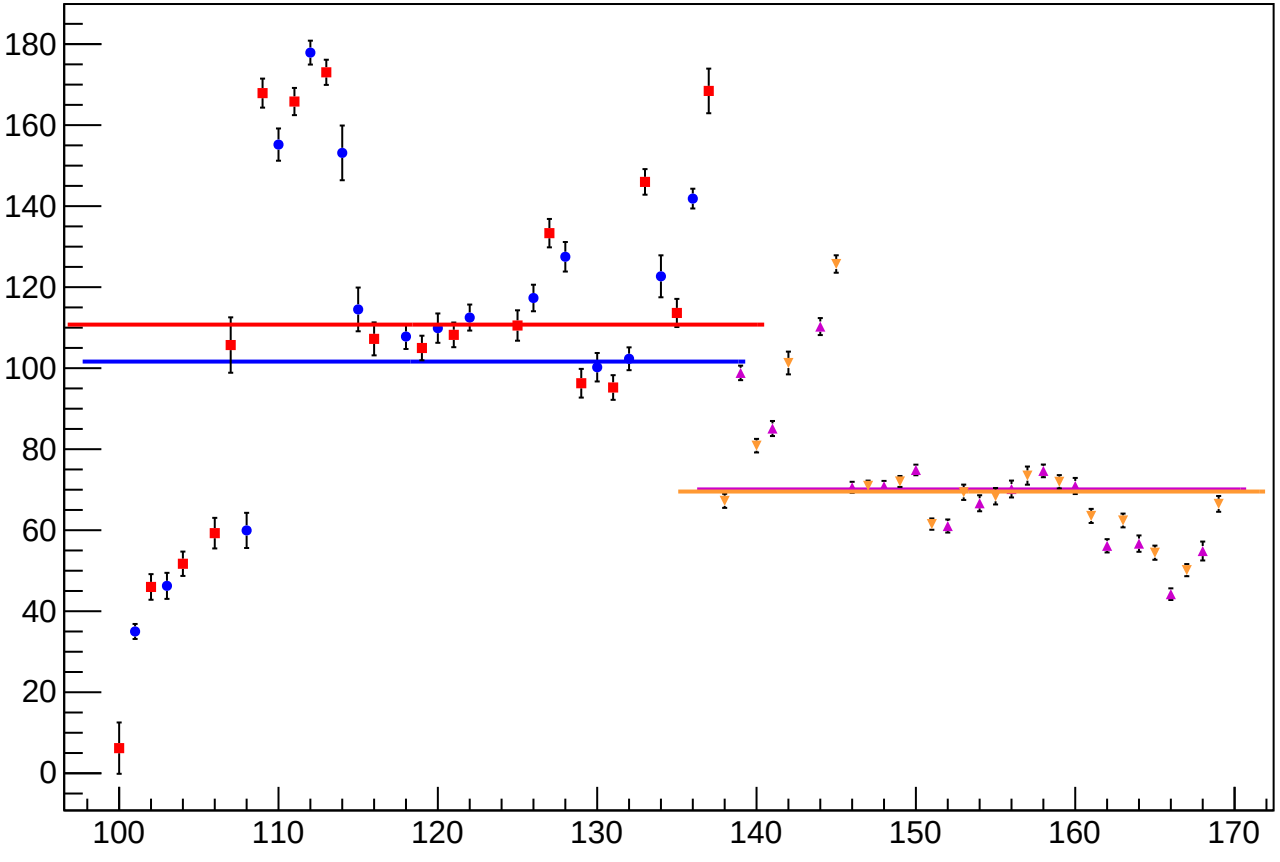
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 3.626+/-0.250 χ^2/NDF:763.9/30

Out: 4.065+/-0.248 χ^2/NDF:785.8/33

All: 3.846+/-0.176 χ^2/NDF: 1551.3/64

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: 69.548+/-0.427 χ^2/NDF:1171.4/15

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 70.069+/-0.433 χ^2/NDF:1227.2/14

Left: 69.805+/-0.304 χ^2/NDF: 2399.4/30

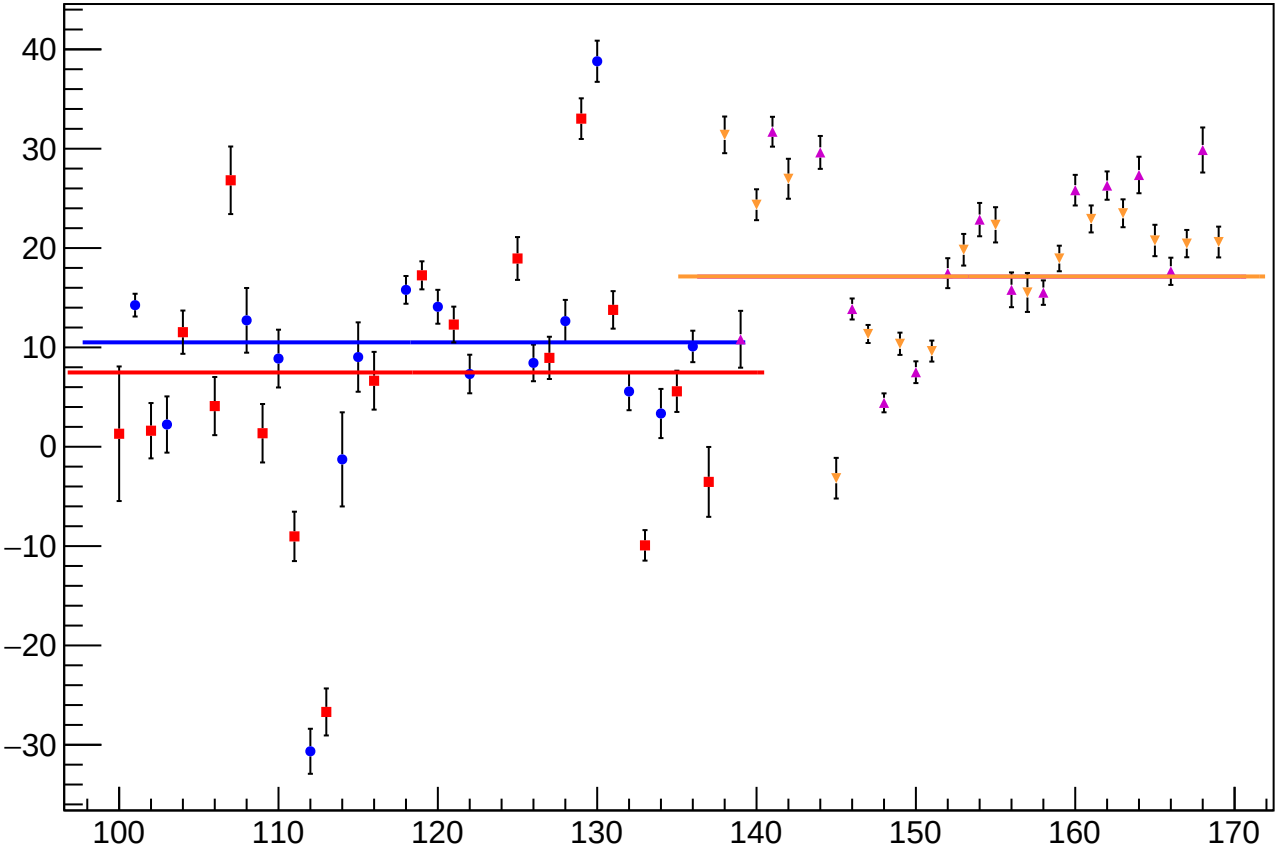
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 77.123+/-0.381 χ^2/NDF:5394.0/30

Out: 78.081+/-0.381 χ^2/NDF:5610.0/33

All: 77.603+/-0.269 χ^2/NDF: 11007.2/64

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: 17.141+/-0.352 χ^2/NDF:400.2/15

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 17.125+/-0.366 χ^2/NDF:570.1/14

Left: 17.133+/-0.254 χ^2/NDF: 970.3/30

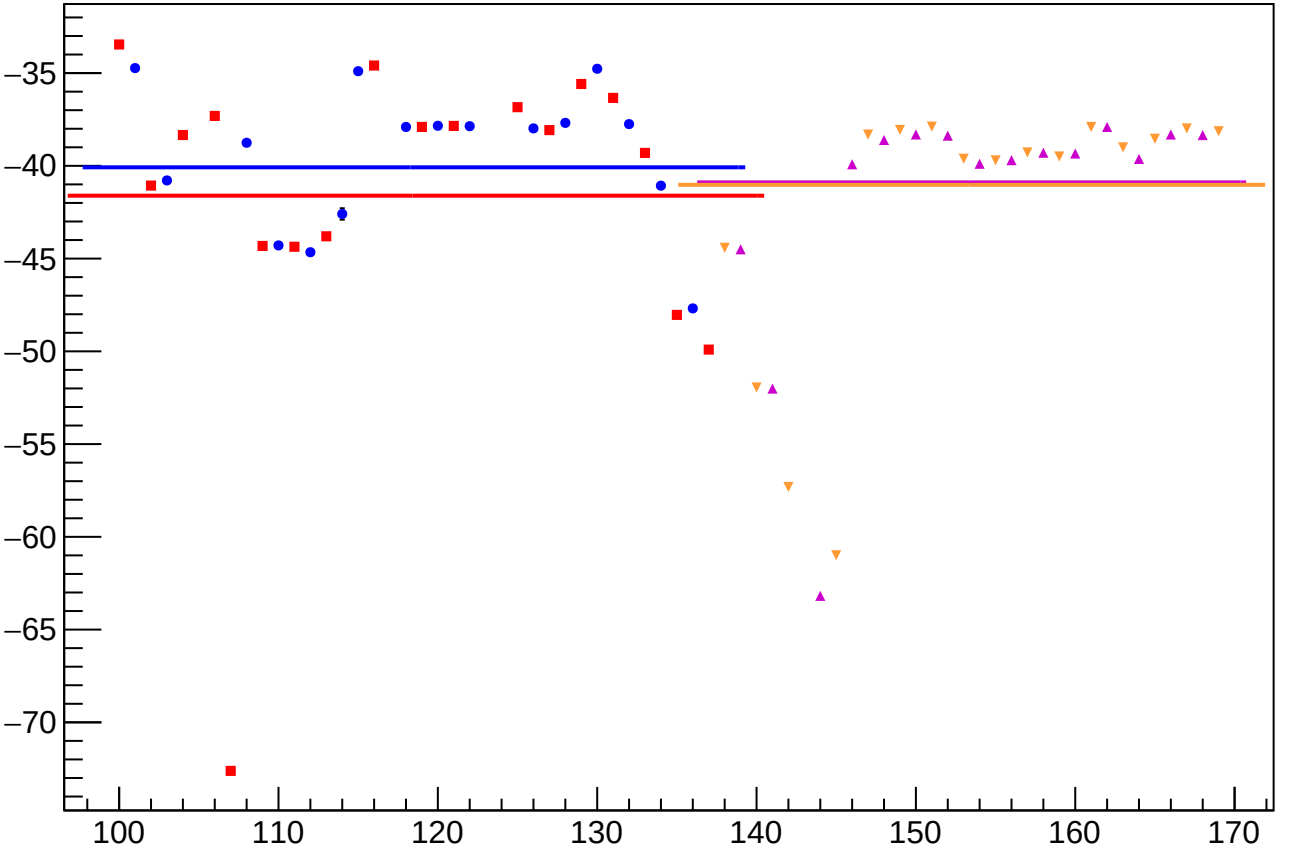
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 14.770+/-0.294 χ^2/NDF:1268.1/30

Out: 14.136+/-0.292 χ^2/NDF:1323.9/33

All: 14.451+/-0.207 χ^2/NDF: 2594.3/64

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -41.023+/-0.017 χ^2/NDF:117837.9/15

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -40.893+/-0.017 χ^2/NDF:95750.9/14

Left: -40.959+/-0.012 χ^2/NDF: 213617.3/30

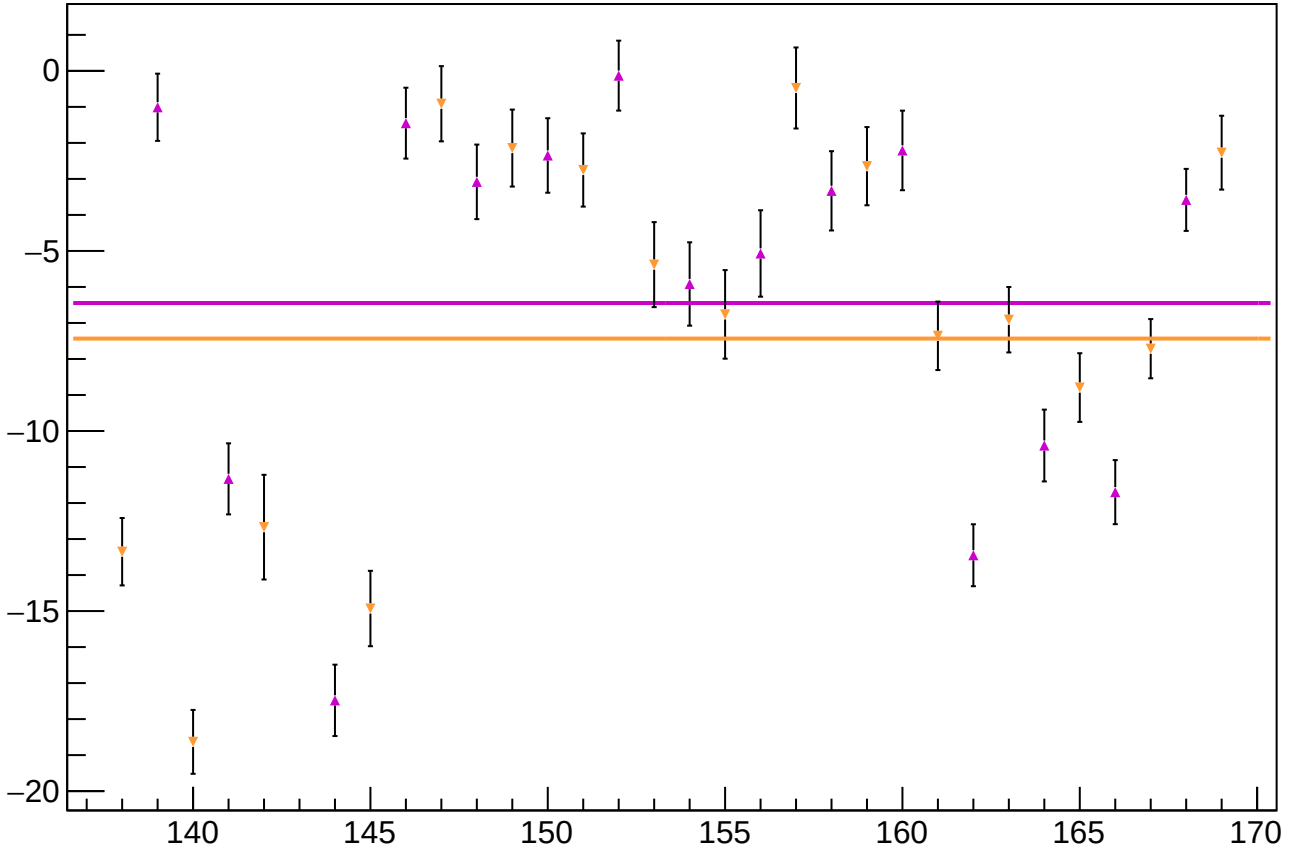
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -40.671+/-0.015 χ^2/NDF:121479.4/30

Out: -41.177+/-0.015 χ^2/NDF:179932.9/33

All: -40.925+/-0.010 χ^2/NDF: 302006.0/64

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: -7.433+/-0.255 χ^2/NDF:437.3/15

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

Left In: -6.446+/-0.256 χ^2/NDF:428.8/14

Left: -6.943+/-0.181 χ^2/NDF: 873.6/30

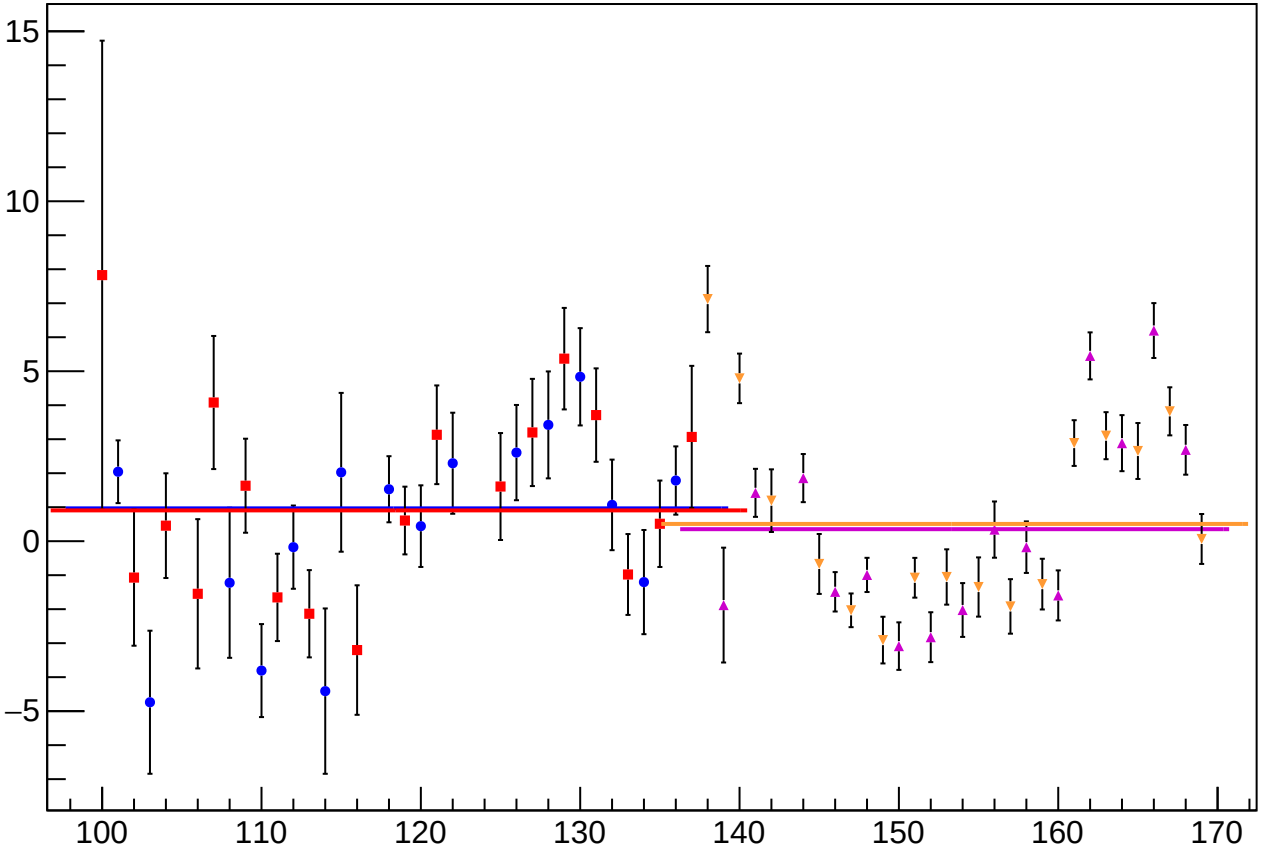
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.446+/-0.256 χ^2/NDF:428.8/14

Out: -7.433+/-0.255 χ^2/NDF:437.3/15

All: -6.943+/-0.181 χ^2/NDF: 873.6/30

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: 0.508+/-0.182 χ^2/NDF:220.0/15

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 0.353+/-0.186 χ^2/NDF:211.6/14

Left: 0.433+/-0.130 χ^2/NDF: 432.0/30

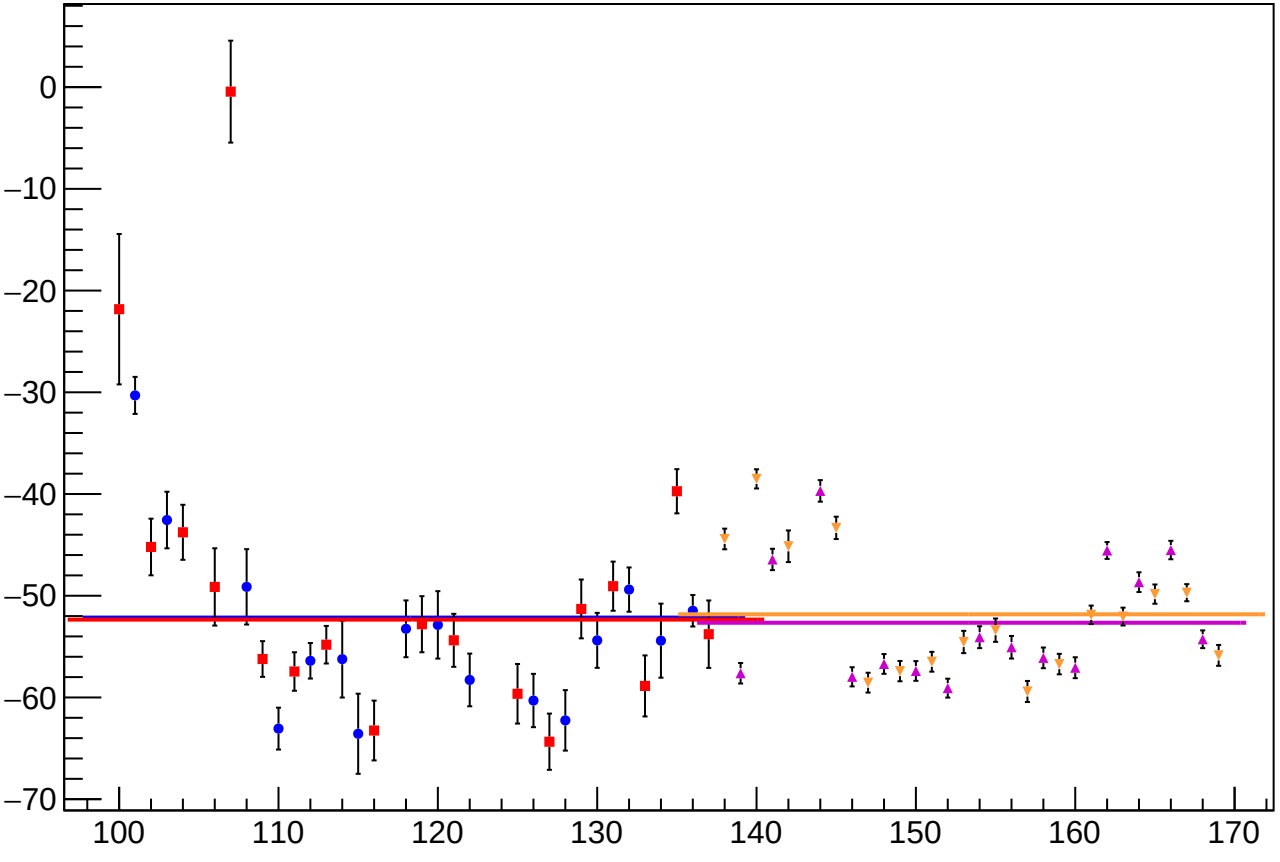
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: 0.496+/-0.163 χ^2/NDF:257.1/30

Out: 0.591+/-0.162 χ^2/NDF:263.0/33

All: 0.544+/-0.115 χ^2/NDF: 520.2/64

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: -51.825+/-0.250 χ^2/NDF:543.6/15

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -52.656+/-0.251 χ^2/NDF:522.5/14

Left: -52.239+/-0.177 χ^2/NDF: 1071.6/30

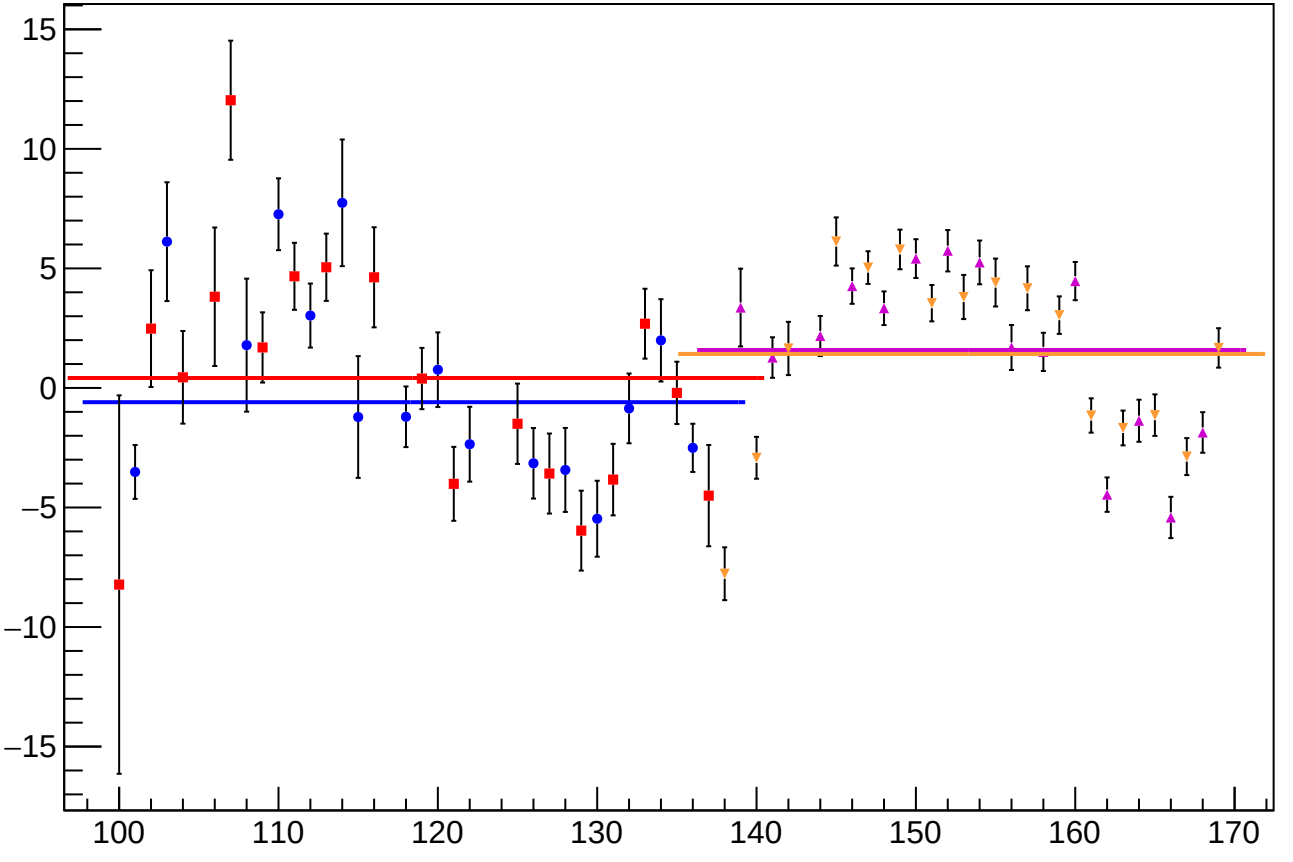
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -52.582+/-0.232 χ^2/NDF:753.3/30

Out: -51.899+/-0.232 χ^2/NDF:779.9/33

All: -52.240+/-0.164 χ^2/NDF: 1537.6/64

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: 1.423+/-0.211 χ^2/NDF:278.6/15

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 1.587+/-0.217 χ^2/NDF:259.8/14

Left: 1.502+/-0.151 χ^2/NDF: 538.7/30

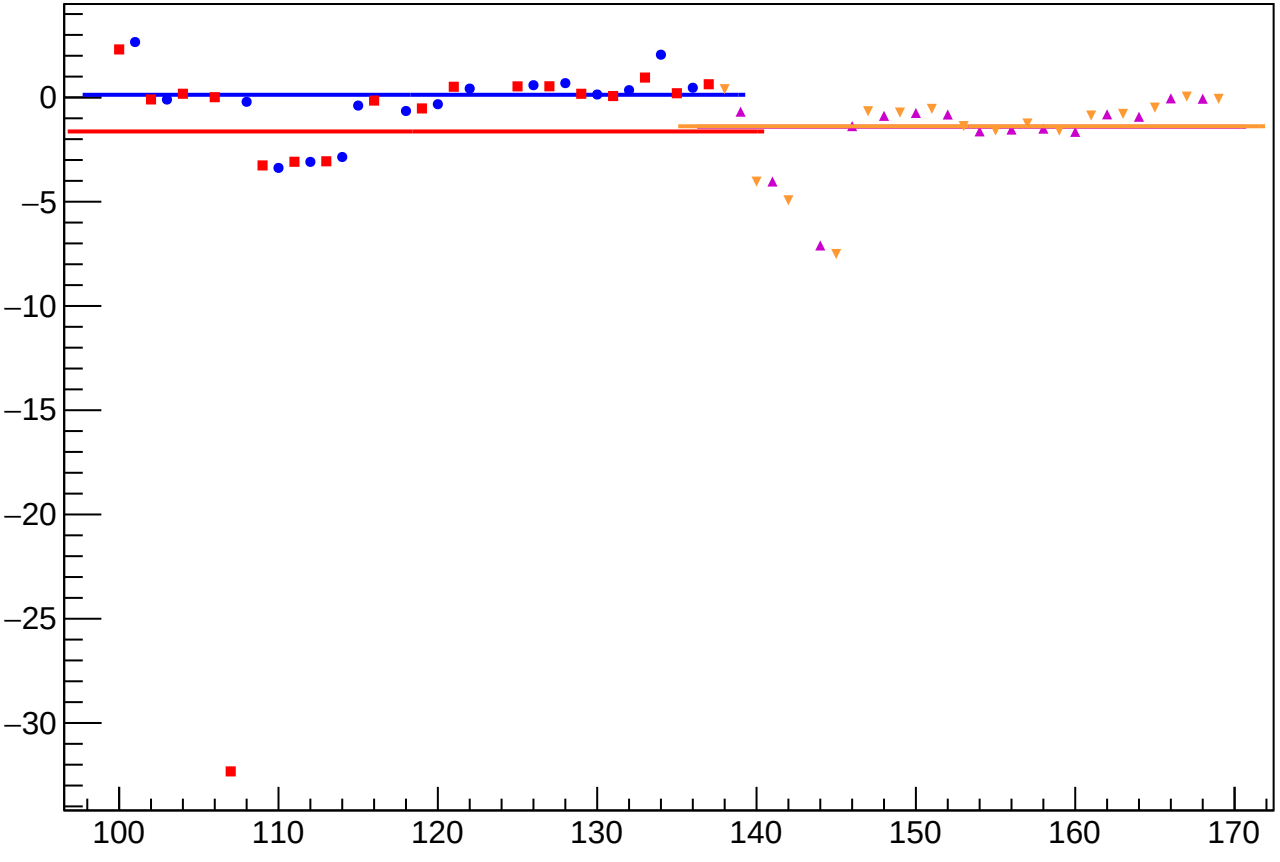
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 1.059+/-0.189 χ^2/NDF:366.9/30

Out: 1.204+/-0.186 χ^2/NDF:379.3/33

All: 1.132+/-0.133 χ^2/NDF: 746.5/64

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: -1.382+/-0.010 χ^2/NDF:34471.0/15

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -1.404+/-0.010 χ^2/NDF:23428.5/14

Left: -1.393+/-0.007 χ^2/NDF: 57902.1/30

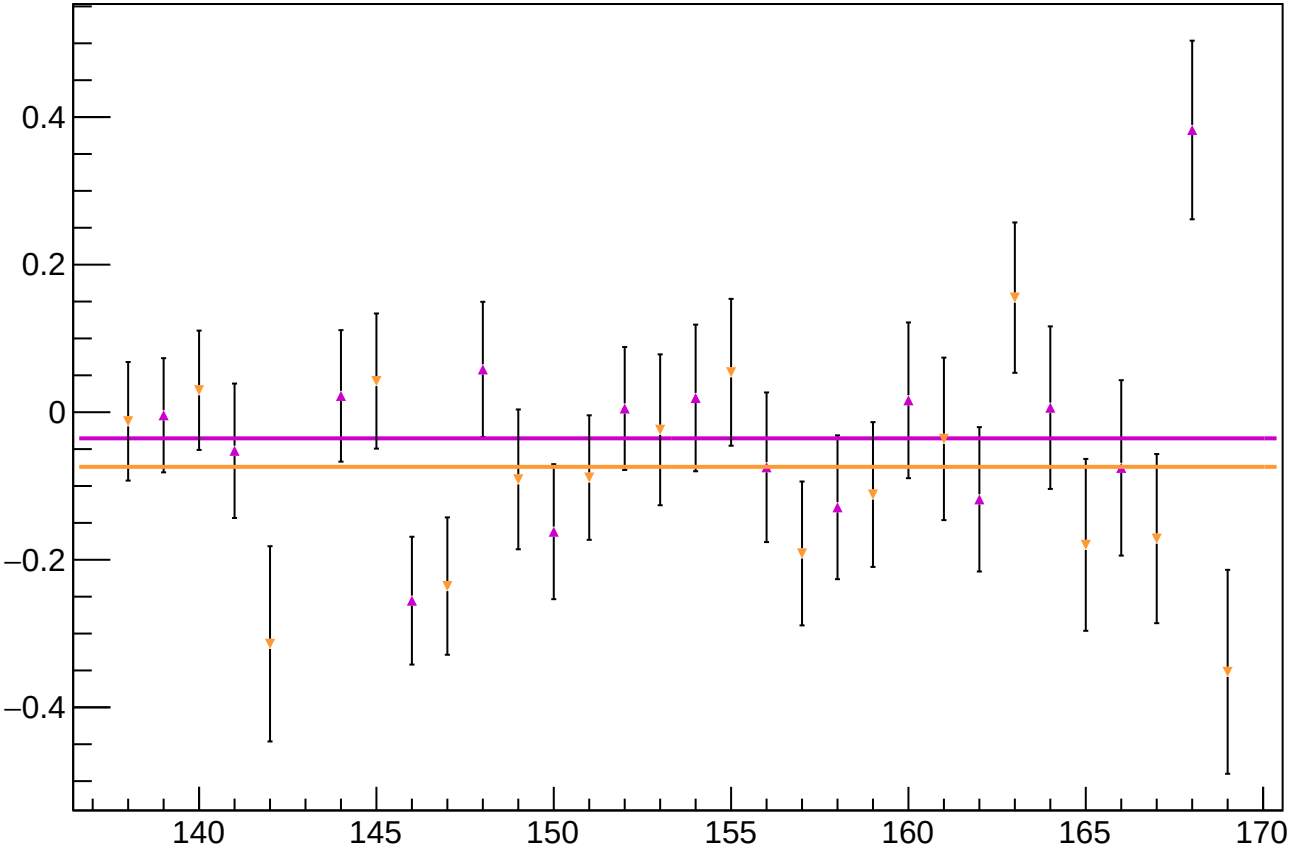
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.136+/-0.009 χ^2/NDF:32874.4/30

Out: -1.424+/-0.009 χ^2/NDF:112458.1/33

All: -1.281+/-0.006 χ^2/NDF: 145846.8/64

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: -0.074+/-0.025 χ^2/NDF:24.5/15

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

Left In: -0.035+/-0.025 χ^2/NDF:24.8/14

Left: -0.055+/-0.017 χ^2/NDF: 50.5/30

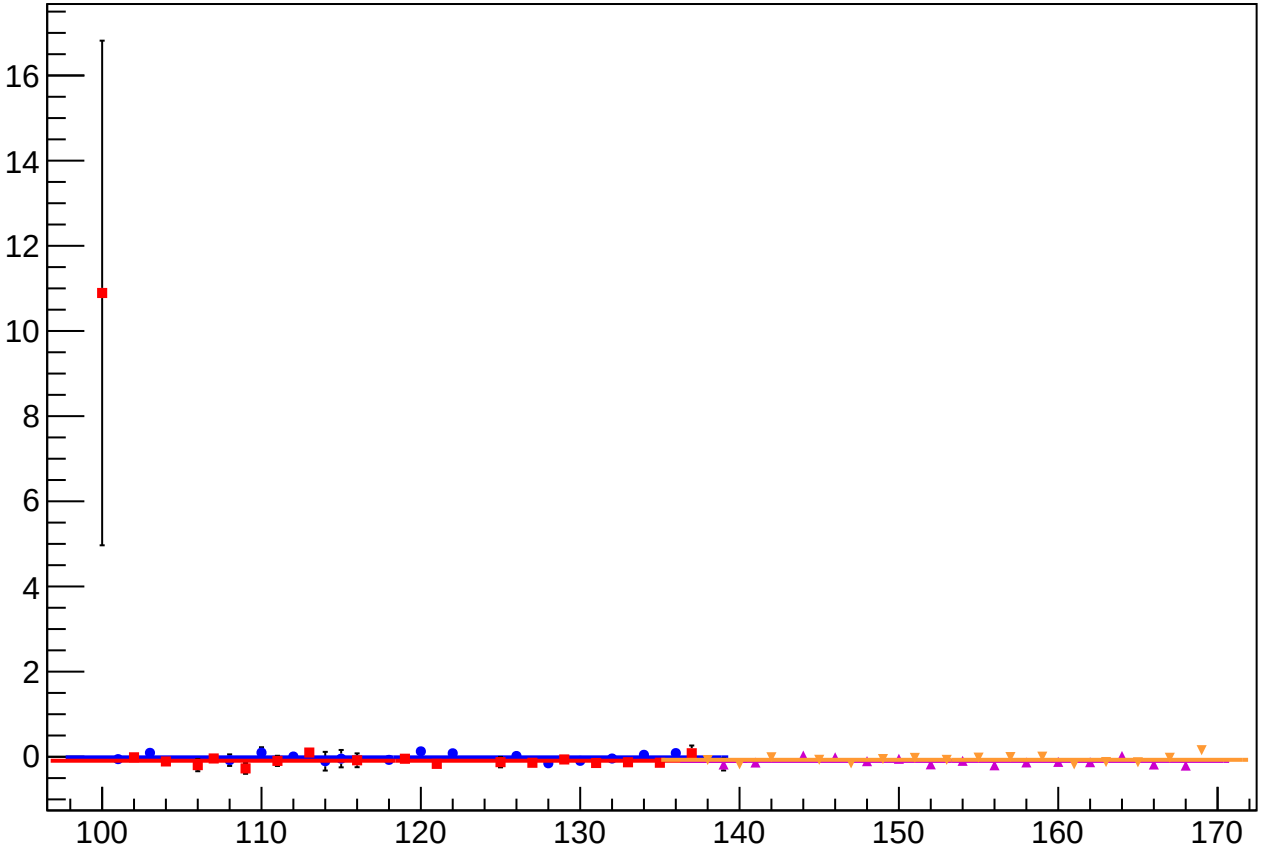
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.035+/-0.025 χ^2/NDF:24.8/14

Out: -0.074+/-0.025 χ^2/NDF:24.5/15

All: -0.055+/-0.017 χ^2/NDF: 50.5/30

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: -0.071+/-0.017 χ^2/NDF:18.3/15

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.097+/-0.018 χ^2/NDF:15.6/14

Left: -0.084+/-0.012 χ^2/NDF: 35.1/30

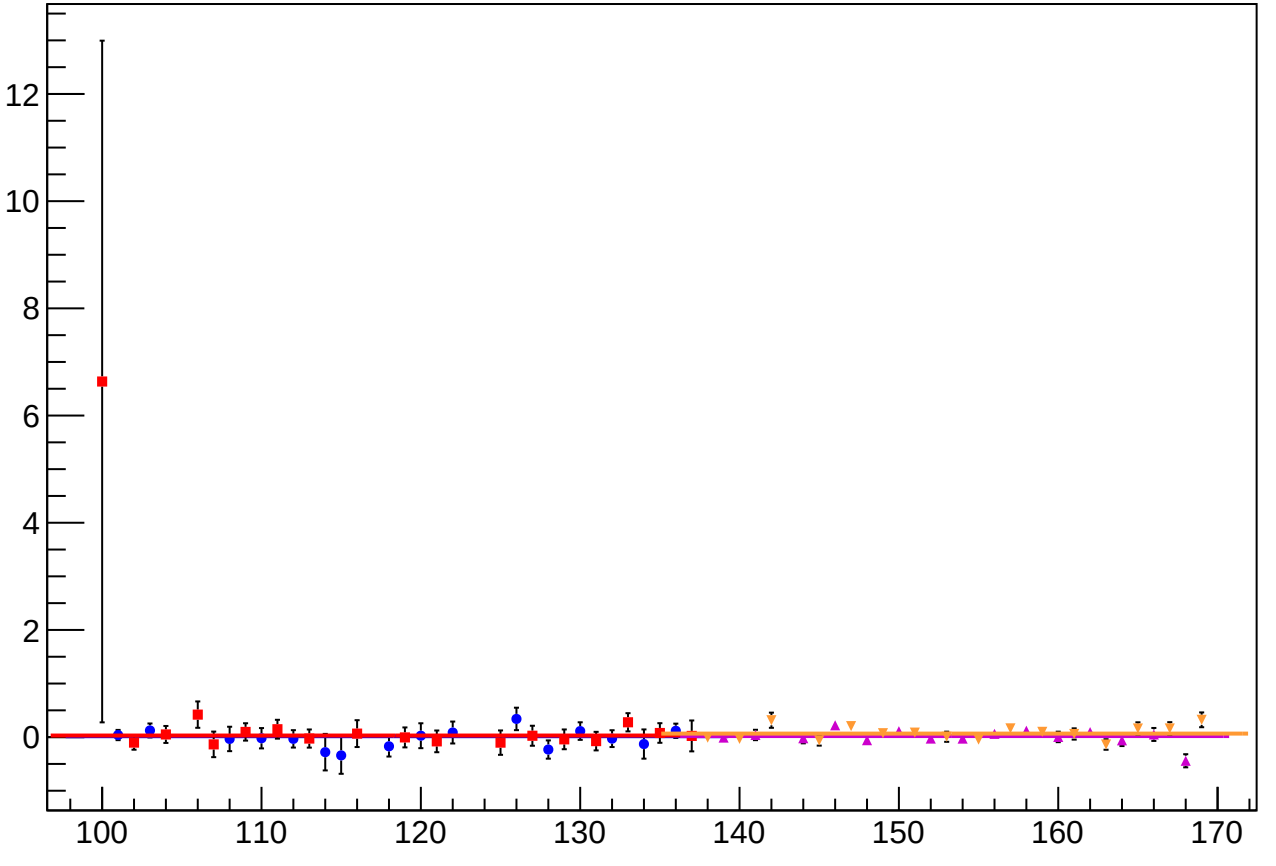
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.066+/-0.014 χ^2/NDF:36.1/30

Out: -0.078+/-0.014 χ^2/NDF:31.5/33

All: -0.072+/-0.010 χ^2/NDF: 67.9/64

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: 0.066+/-0.024 χ^2/NDF:21.8/15

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.020+/-0.024 χ^2/NDF:25.5/14

Left: 0.043+/-0.017 χ^2/NDF: 49.1/30

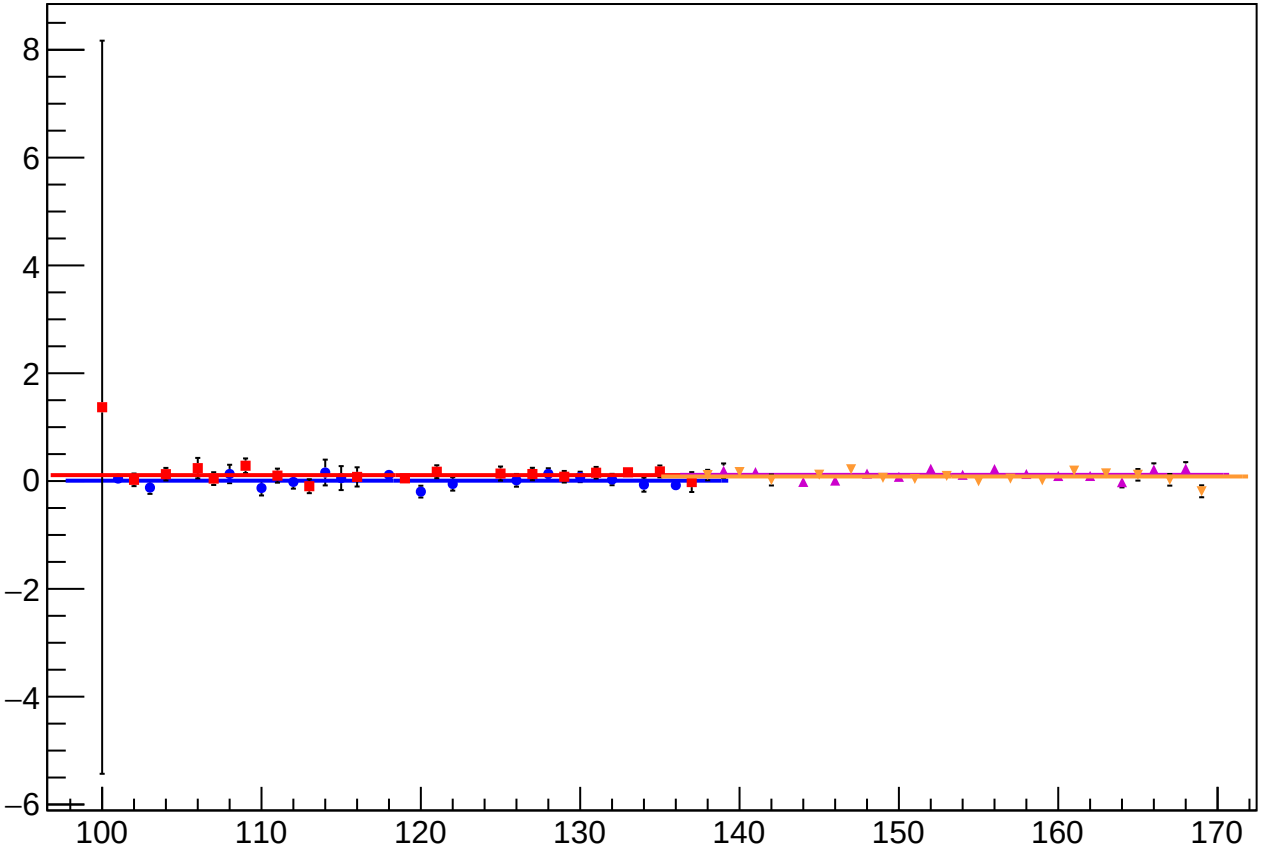
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.019+/-0.021 χ^2/NDF:35.2/30

Out: 0.058+/-0.021 χ^2/NDF:31.5/33

All: 0.038+/-0.015 χ^2/NDF: 68.3/64

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: 0.085+/-0.020 χ^2/NDF:18.3/15

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.115+/-0.021 χ^2/NDF:14.7/14

Left: 0.100+/-0.014 χ^2/NDF: 34.1/30

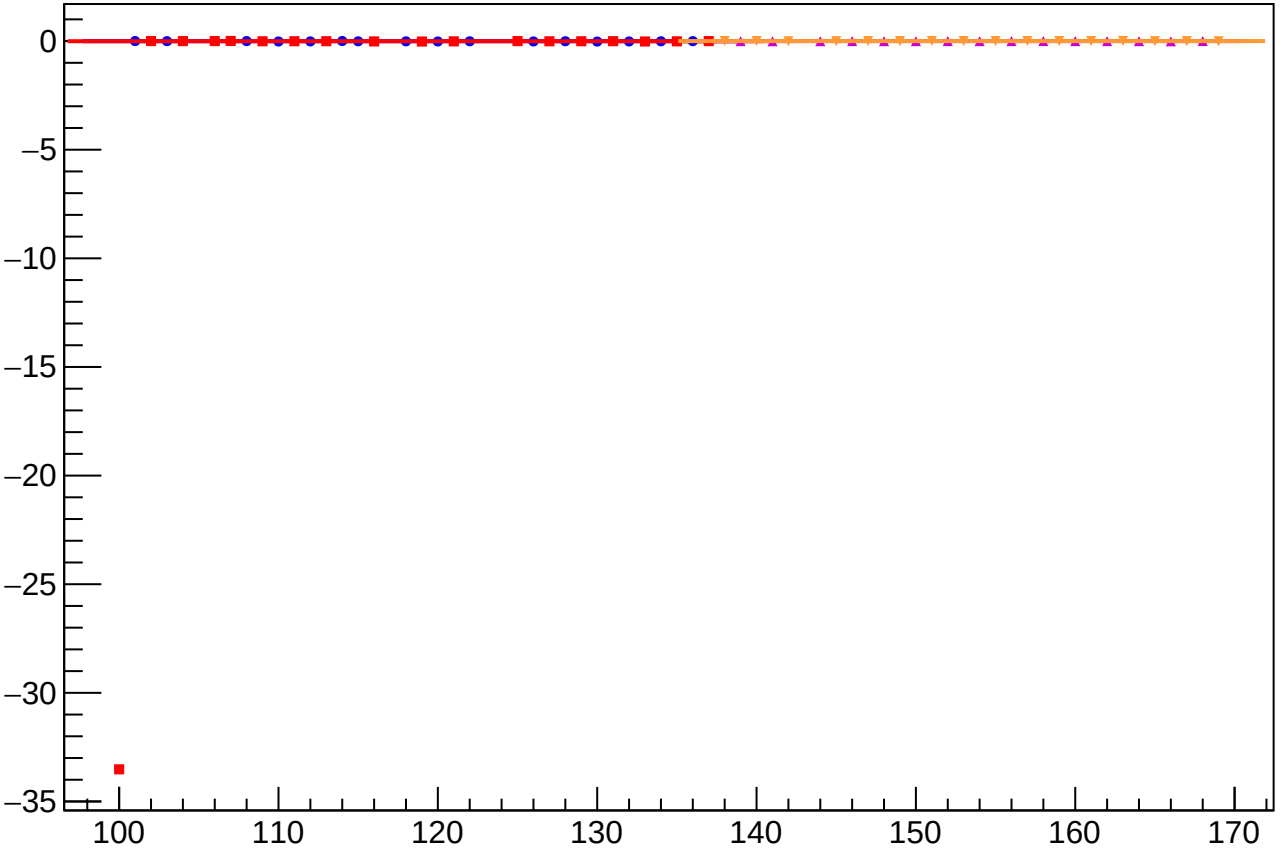
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.075+/-0.016 χ^2/NDF:36.9/30

Out: 0.093+/-0.017 χ^2/NDF:26.8/33

All: 0.084+/-0.012 χ^2/NDF: 64.4/64

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:14.6/15

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.000+/-0.001 χ^2/NDF:11.2/14

Left: 0.000+/-0.001 χ^2/NDF: 26.1/30

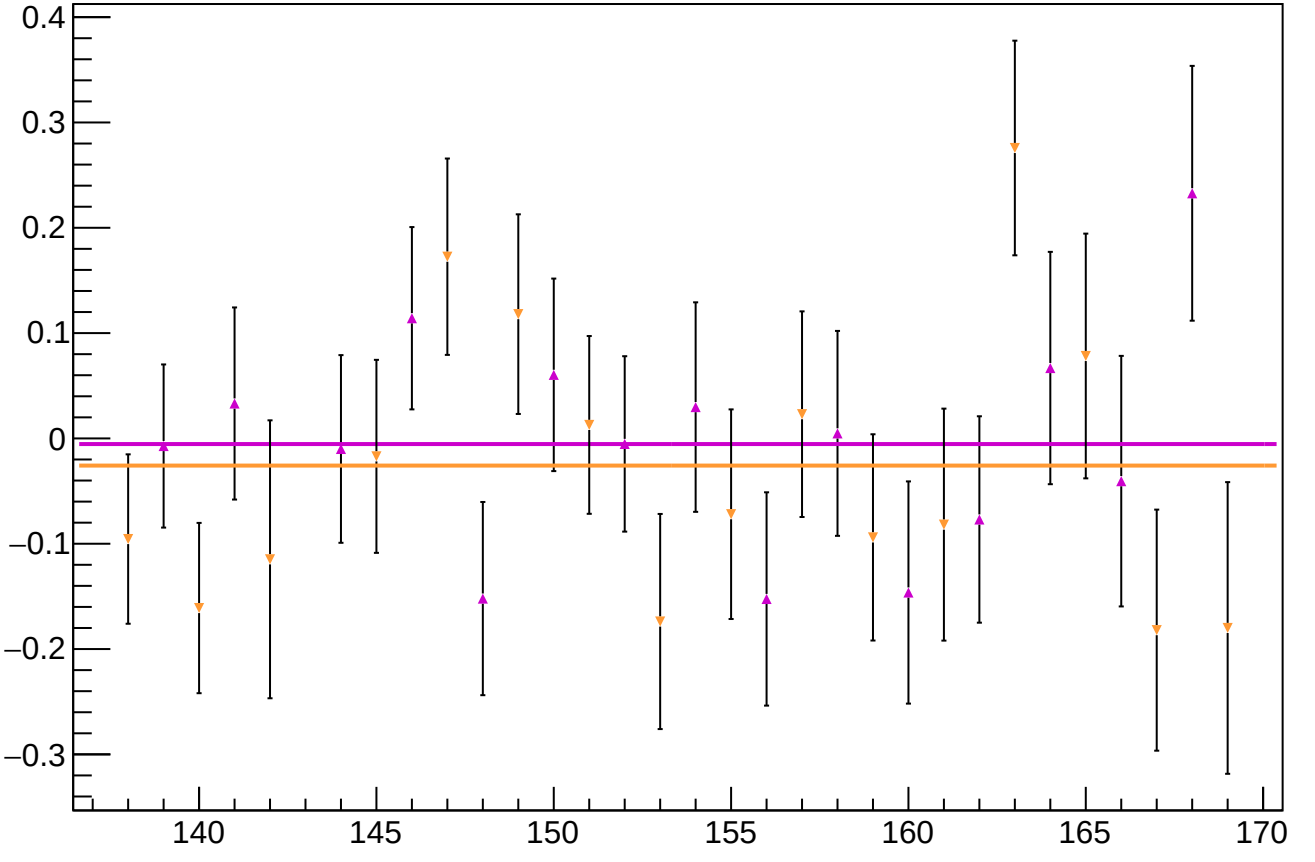
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.002+/-0.001 χ^2/NDF:44.2/30

Out: -0.001+/-0.001 χ^2/NDF:26537.8/33

All: -0.001+/-0.001 χ^2/NDF: 26582.1/64

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: -0.026+/-0.025 χ^2/NDF:27.0/15

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

Left In: -0.005+/-0.025 χ^2/NDF:14.1/14

Left: -0.016+/-0.017 χ^2/NDF: 41.5/30

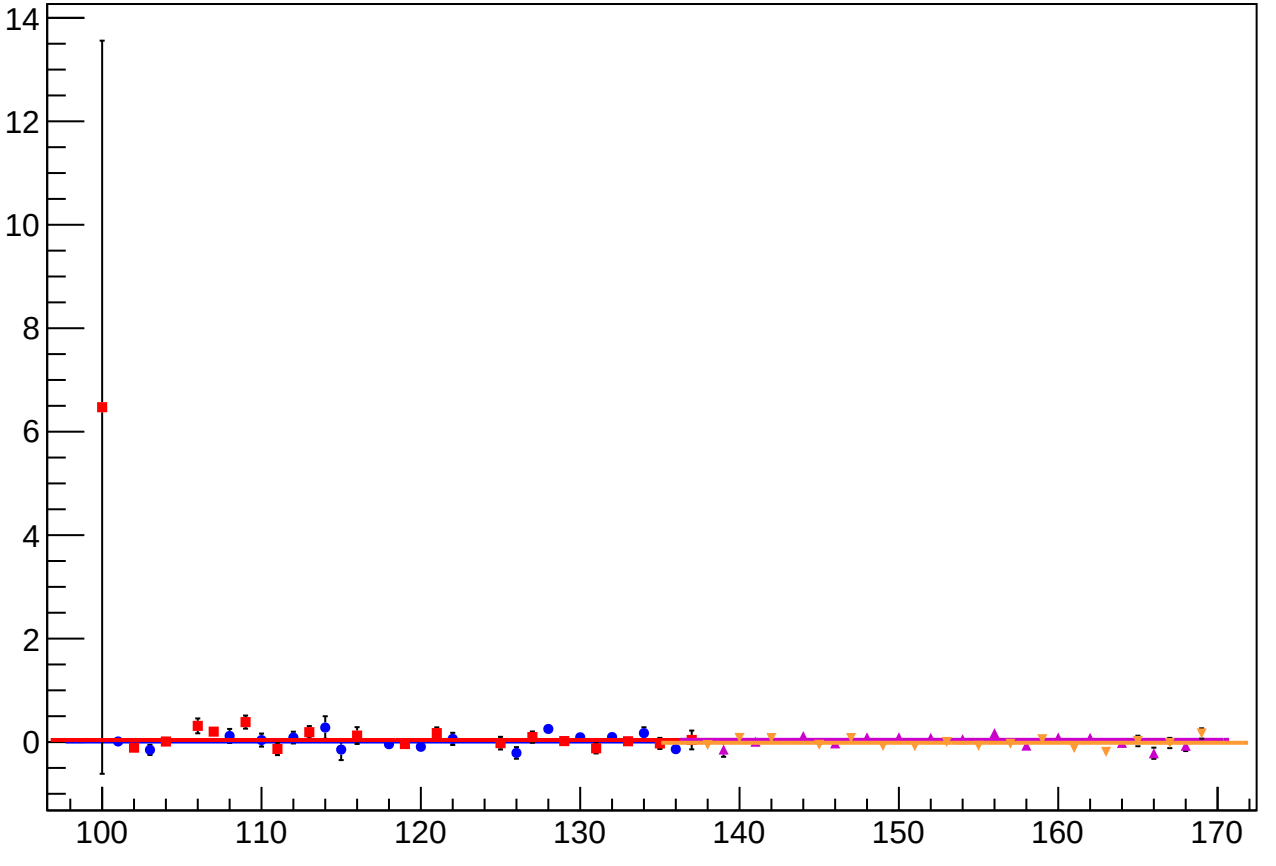
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.005+/-0.025 χ^2/NDF:14.1/14

Out: -0.026+/-0.025 χ^2/NDF:27.0/15

All: -0.016+/-0.017 χ^2/NDF: 41.5/30

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: -0.014+/-0.017 χ^2/NDF:22.9/15

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.043+/-0.018 χ^2/NDF:21.6/14

Left: 0.014+/-0.012 χ^2/NDF: 49.9/30

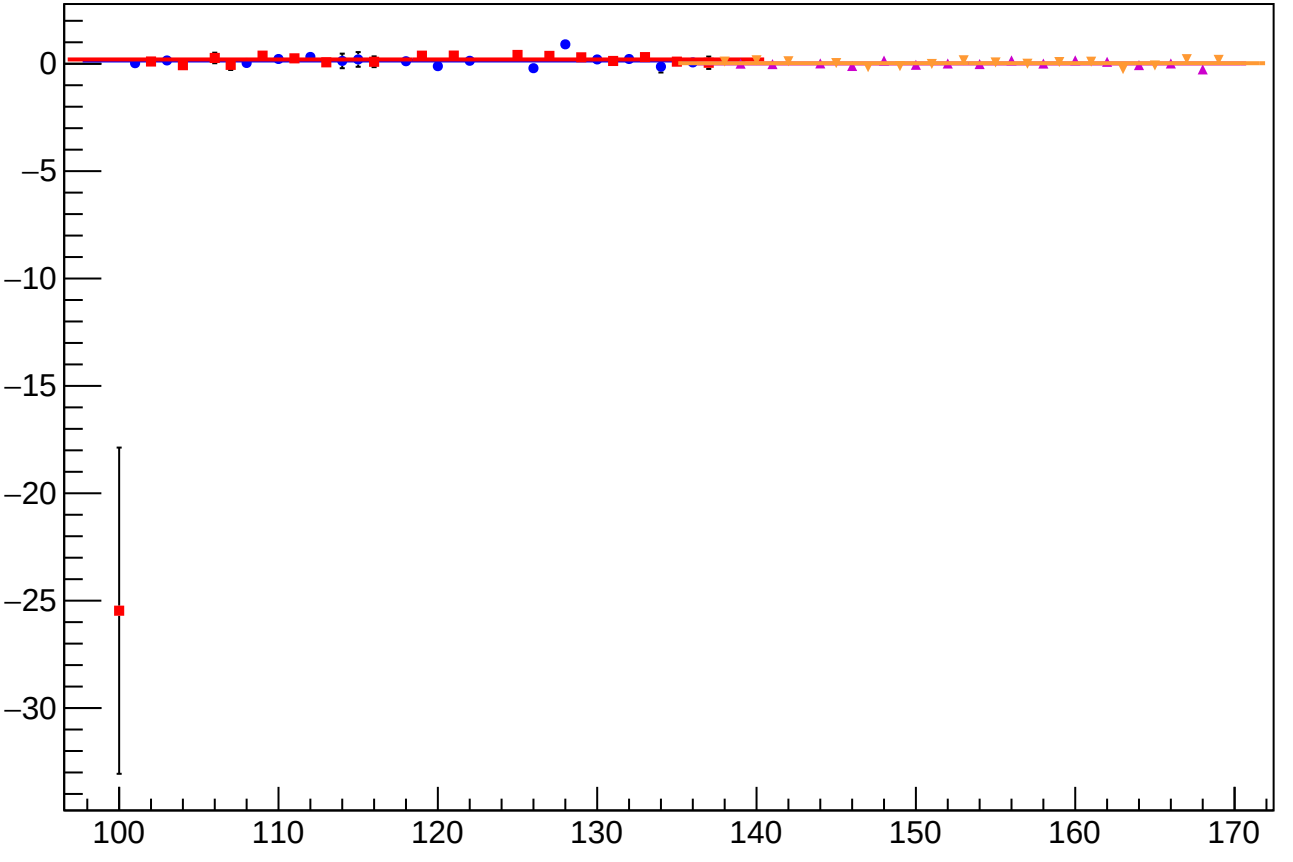
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.031+/-0.014 χ^2/NDF:48.3/30

Out: 0.004+/-0.014 χ^2/NDF:54.1/33

All: 0.018+/-0.010 χ^2/NDF: 104.2/64

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: 0.025+/-0.024 χ^2/NDF:26.4/15

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.014+/-0.024 χ^2/NDF:15.9/14

Left: 0.020+/-0.017 χ^2/NDF: 42.4/30

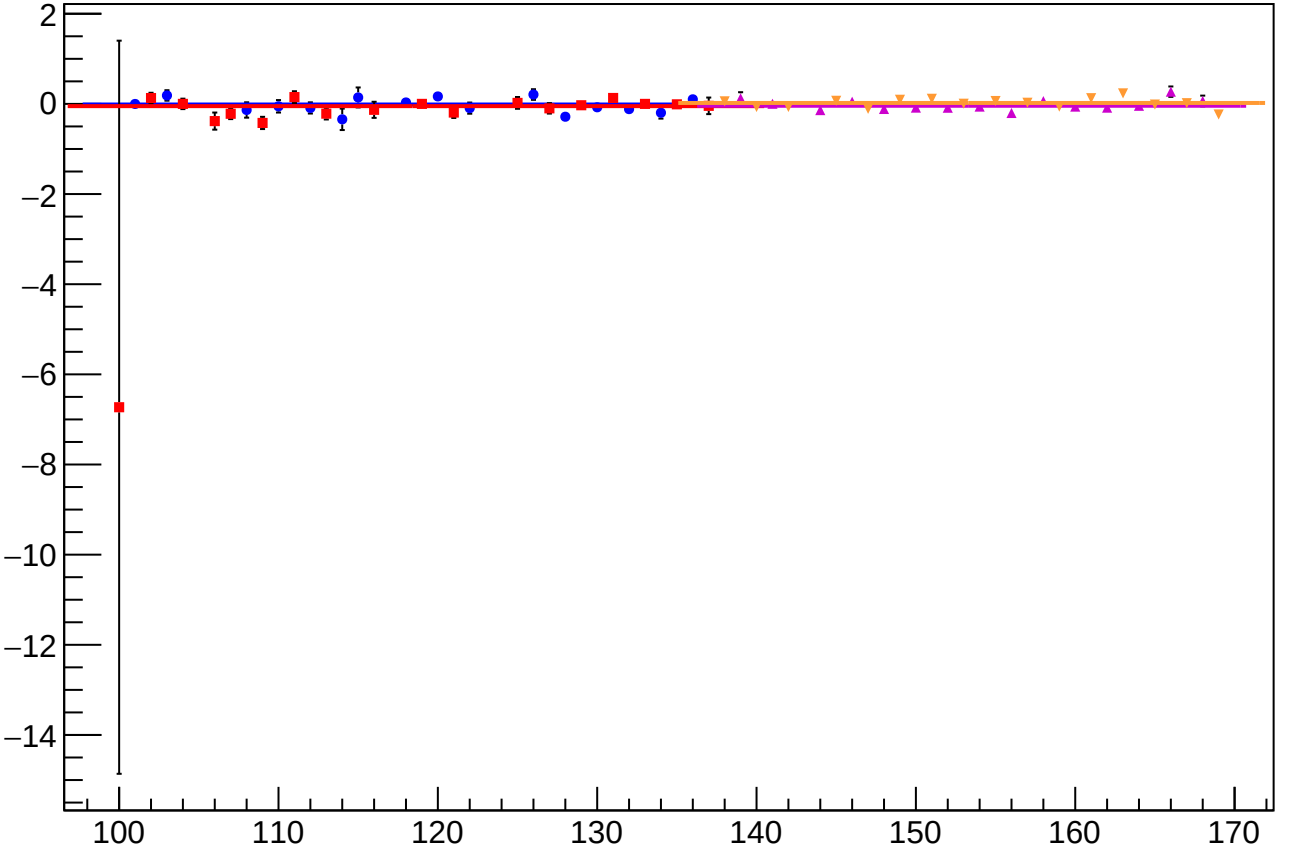
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.047+/-0.021 χ^2/NDF:52.5/30

Out: 0.065+/-0.021 χ^2/NDF:61.0/33

All: 0.056+/-0.015 χ^2/NDF: 113.8/64

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: 0.021+/-0.020 χ^2/NDF:25.6/15

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.041+/-0.021 χ^2/NDF:22.0/14

Left: -0.010+/-0.014 χ^2/NDF: 52.2/30

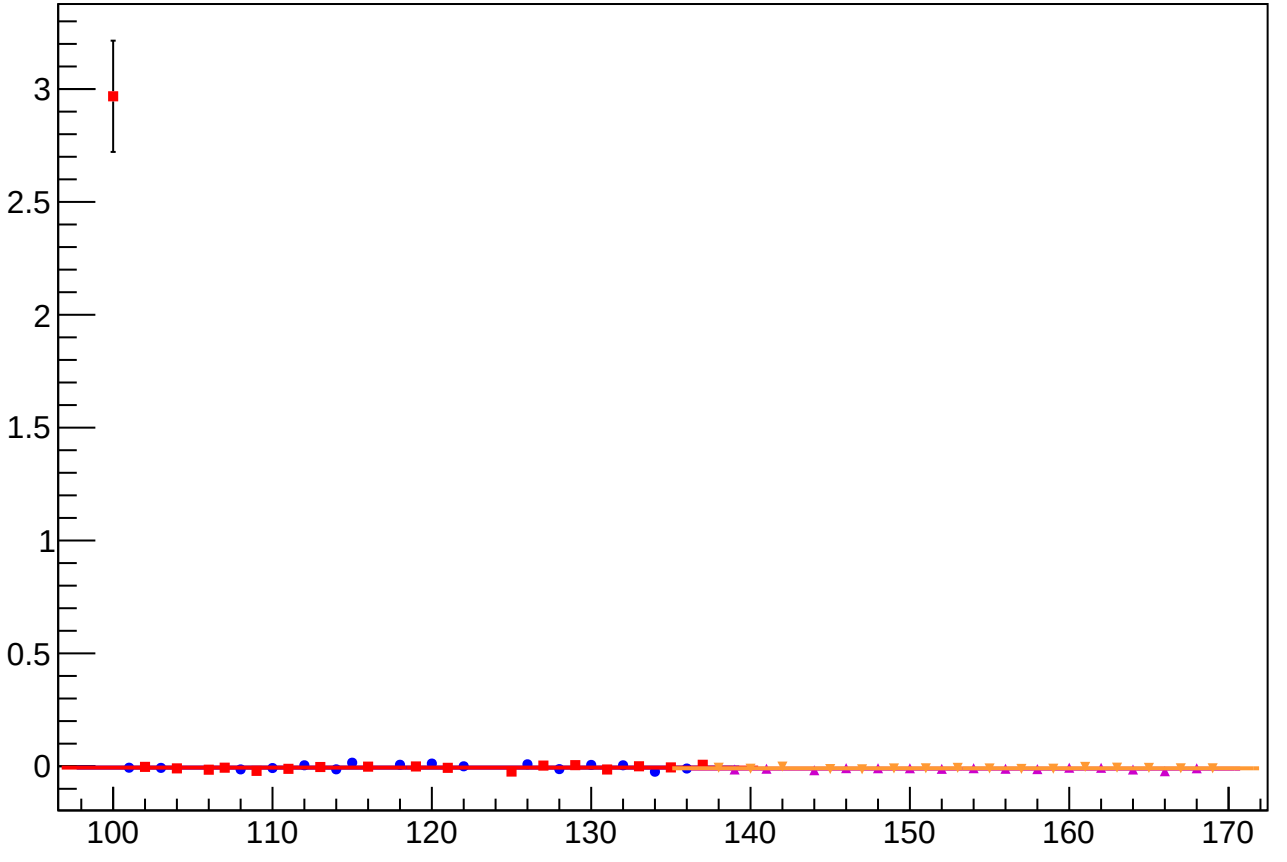
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.031+/-0.016 χ^2/NDF:47.8/30

Out: -0.003+/-0.017 χ^2/NDF:55.4/33

All: -0.017+/-0.012 χ^2/NDF: 104.7/64

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.001 χ^2/NDF:9.2/15

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.011+/-0.001 χ^2/NDF:13.6/14

Left: -0.010+/-0.001 χ^2/NDF: 24.9/30

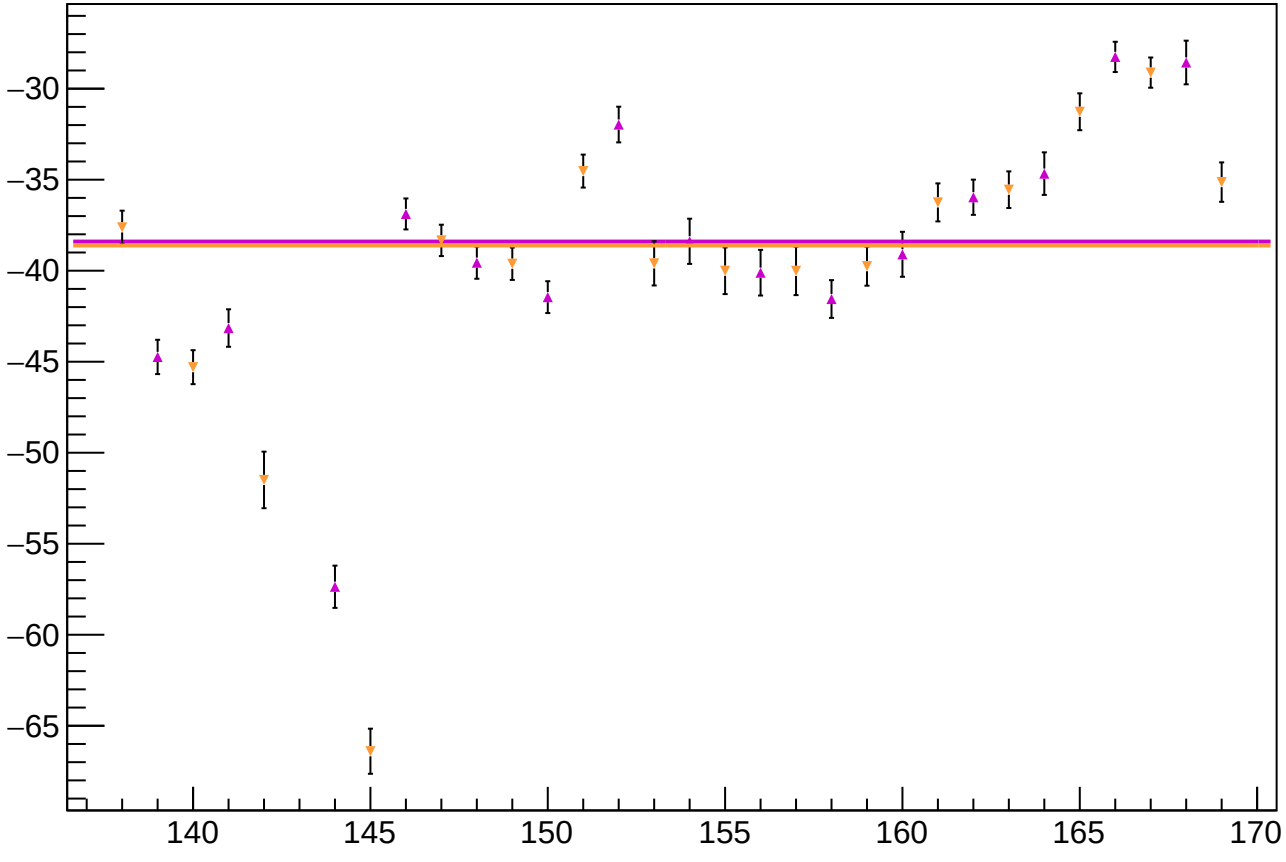
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.010+/-0.001 χ^2/NDF:51.1/30

Out: -0.008+/-0.001 χ^2/NDF:178.3/33

All: -0.009+/-0.001 χ^2/NDF: 230.9/64

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: -38.614+/-0.257 χ^2/NDF:857.7/15

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

Left In: -38.400+/-0.261 χ^2/NDF:637.8/14

Left: -38.509+/-0.183 χ^2/NDF: 1495.8/30

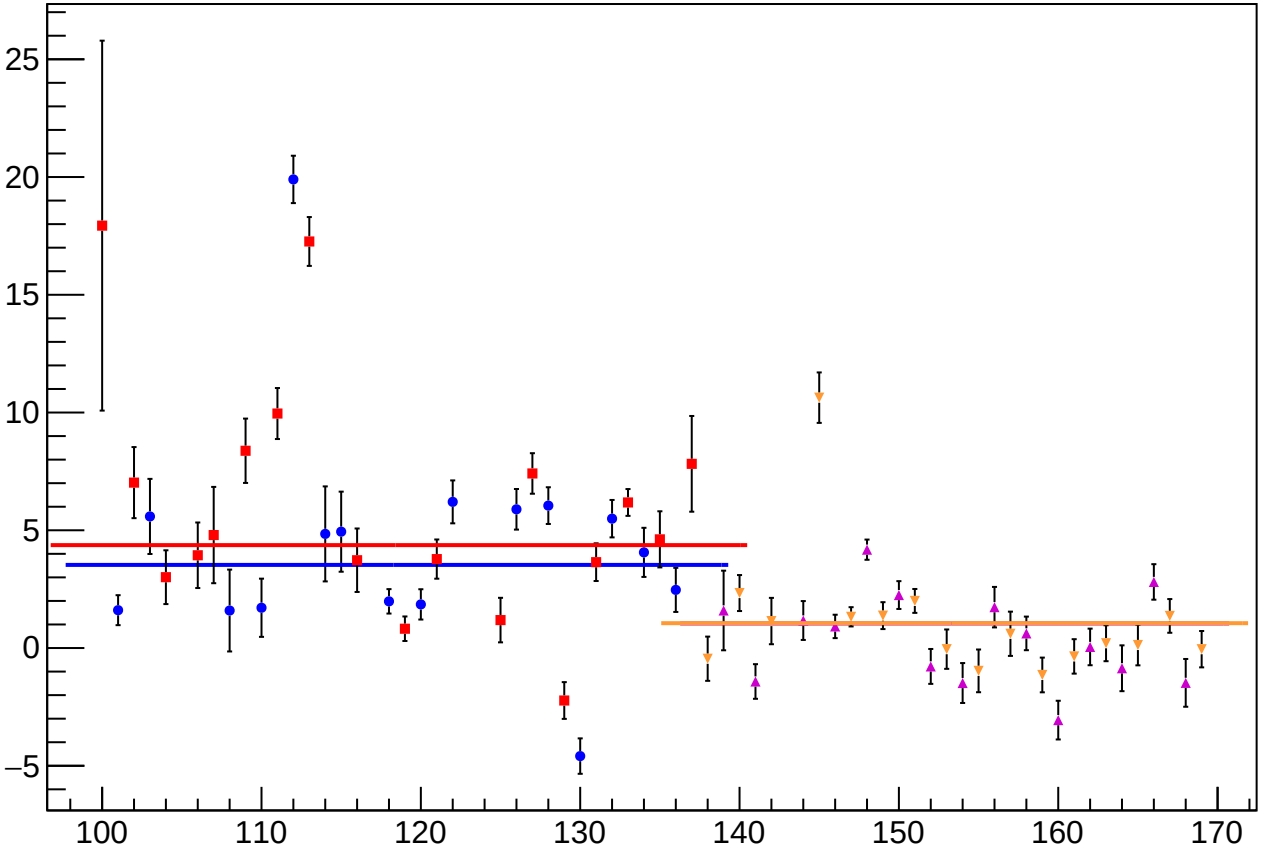
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.400+/-0.261 χ^2/NDF:637.8/14

Out: -38.614+/-0.257 χ^2/NDF:857.7/15

All: -38.509+/-0.183 χ^2/NDF: 1495.8/30

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: 1.055+/-0.177 χ^2/NDF:113.7/15

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.042+/-0.184 χ^2/NDF:126.9/14

Left: 1.049+/-0.128 χ^2/NDF: 240.7/30

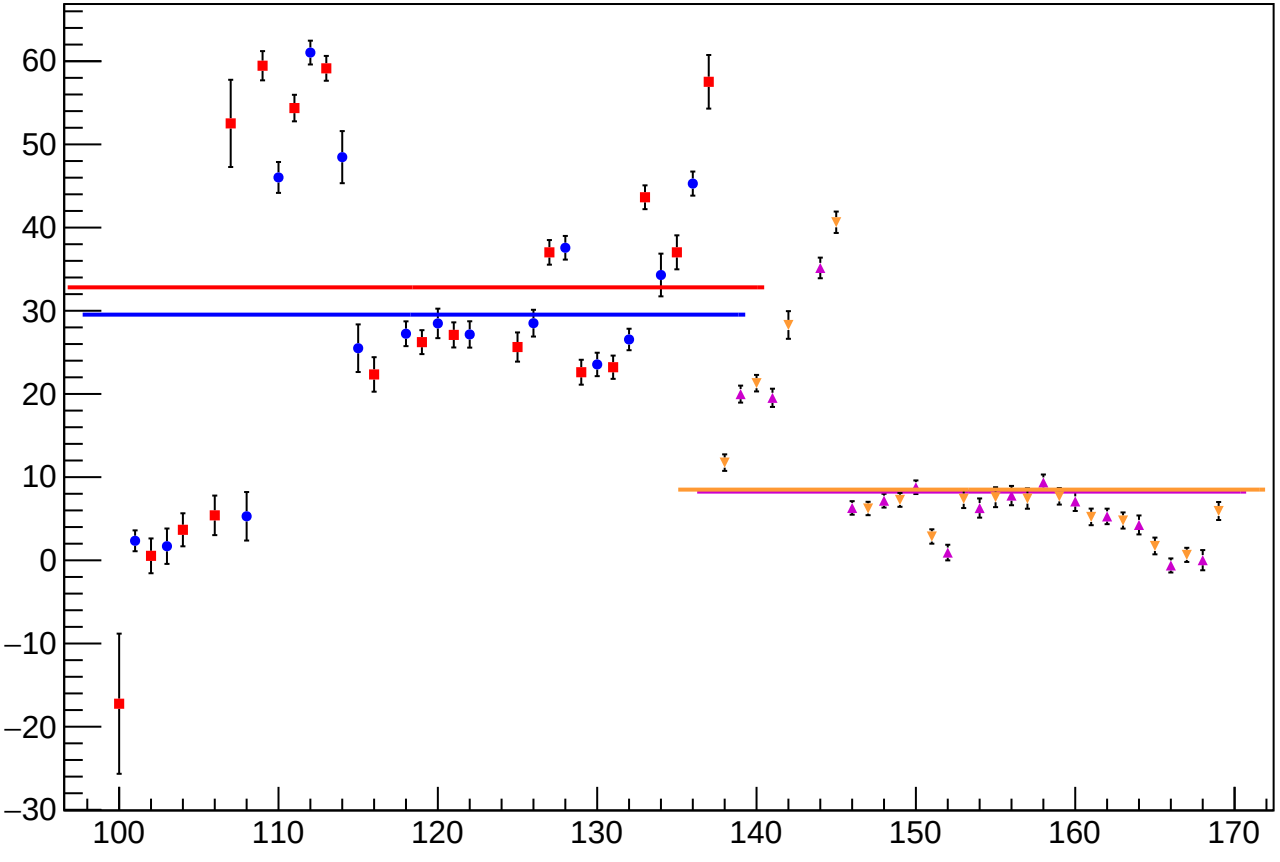
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.082+/-0.141 χ^2/NDF:649.8/30

Out: 2.321+/-0.139 χ^2/NDF:601.2/33

All: 2.202+/-0.099 χ^2/NDF: 1252.4/64

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: 8.501+/-0.252 χ^2/NDF:1159.6/15

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 8.260+/-0.255 χ^2/NDF:960.3/14

Left: 8.382+/-0.179 χ^2/NDF: 2120.3/30

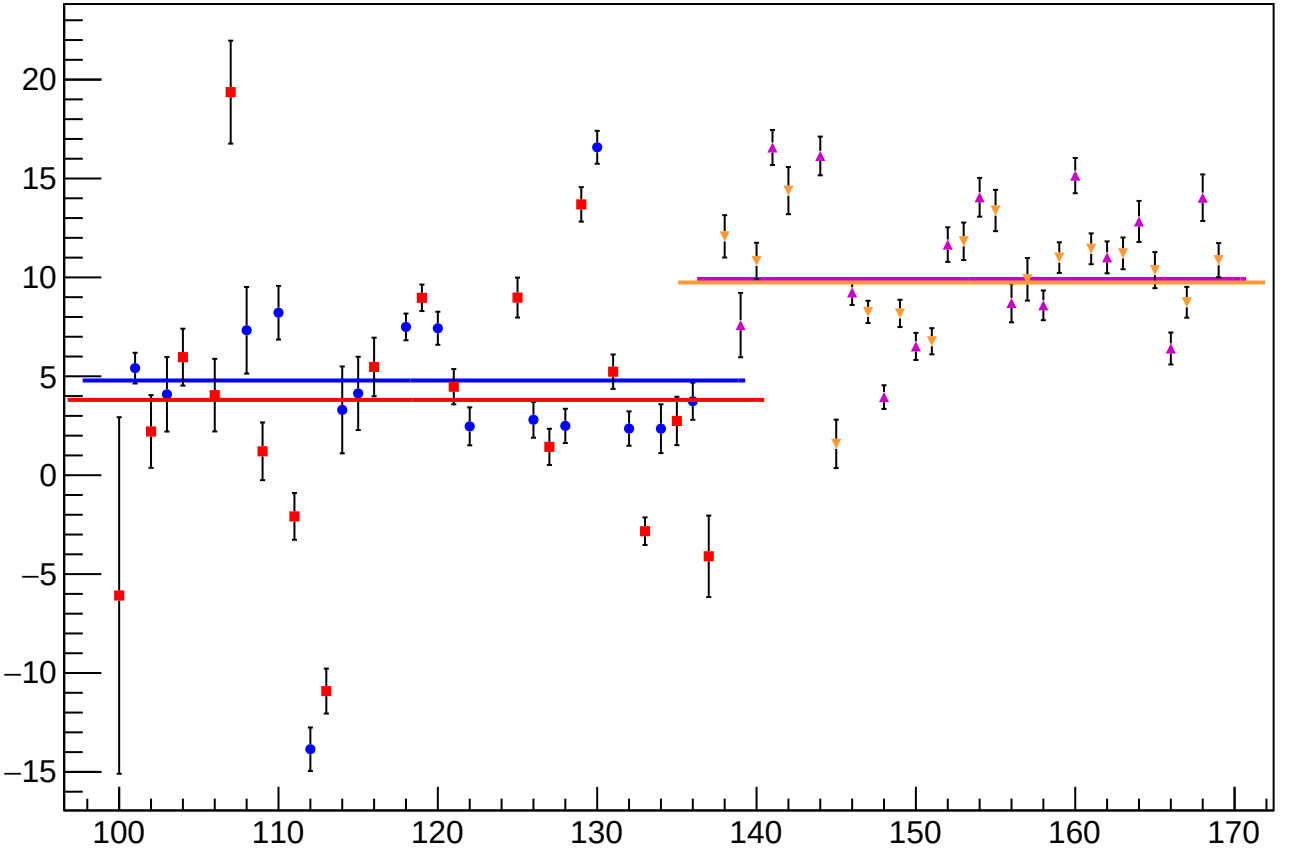
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 14.057+/-0.218 χ^2/NDF:4351.1/30

Out: 14.865+/-0.216 χ^2/NDF:5260.1/33

All: 14.463+/-0.153 χ^2/NDF: 9618.1/64

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: 9.742+/-0.209 χ^2/NDF:129.7/15

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.920+/-0.217 χ^2/NDF:325.5/14

Left: 9.828+/-0.151 χ^2/NDF: 455.6/30

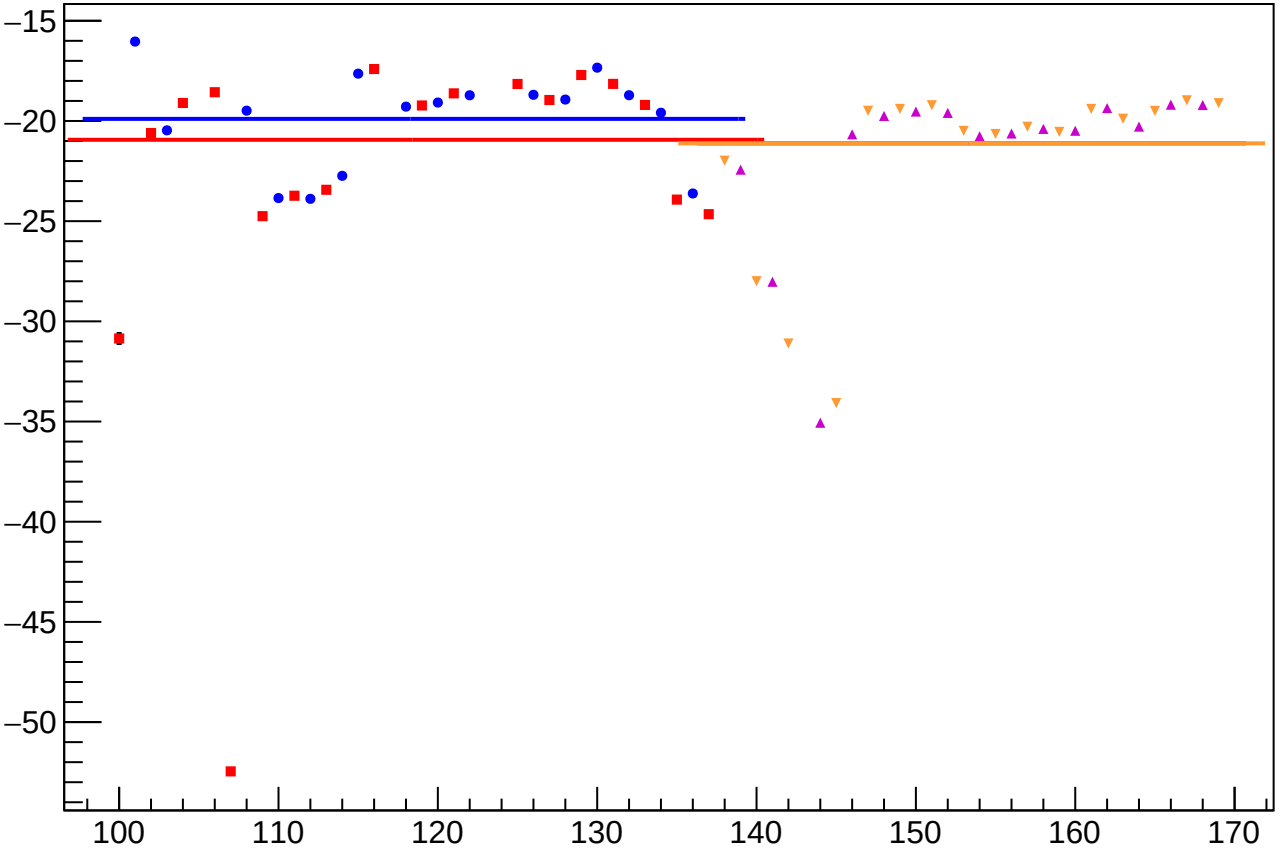
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 7.727+/-0.164 χ^2/NDF:1118.4/30

Out: 7.403+/-0.163 χ^2/NDF:1015.4/33

All: 7.563+/-0.116 χ^2/NDF: 2135.8/64

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -21.118+/-0.010 χ^2/NDF:131522.7/15

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -21.118+/-0.010 χ^2/NDF:104456.5/14

Left: -21.118+/-0.007 χ^2/NDF: 235979.2/30

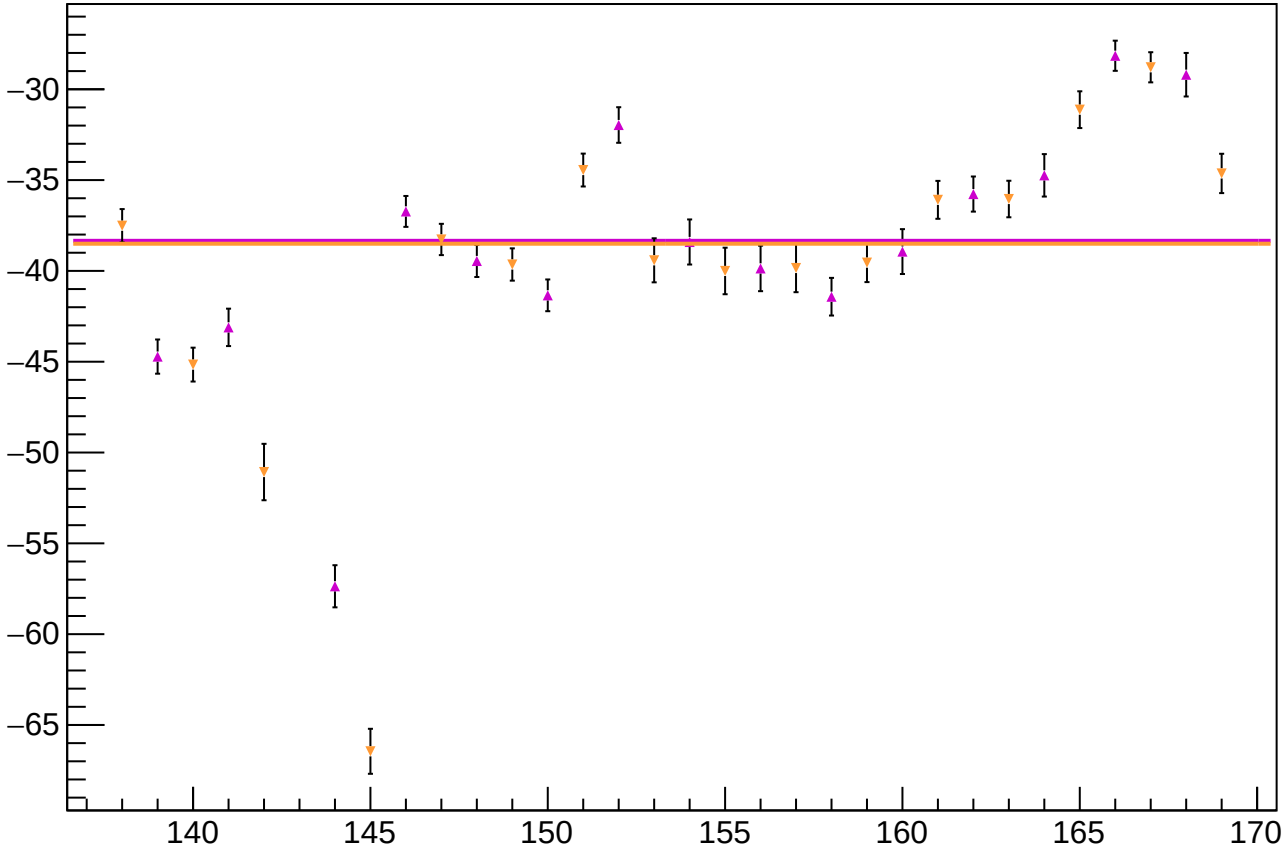
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -20.753+/-0.009 χ^2/NDF:134860.3/30

Out: -21.066+/-0.008 χ^2/NDF:225680.6/33

All: -20.911+/-0.006 χ^2/NDF: 361221.6/64

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: -38.504+/-0.257 χ^2/NDF:866.6/15

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

Left In: -38.345+/-0.261 χ^2/NDF:631.5/14

Left: -38.426+/-0.183 χ^2/NDF: 1498.3/30

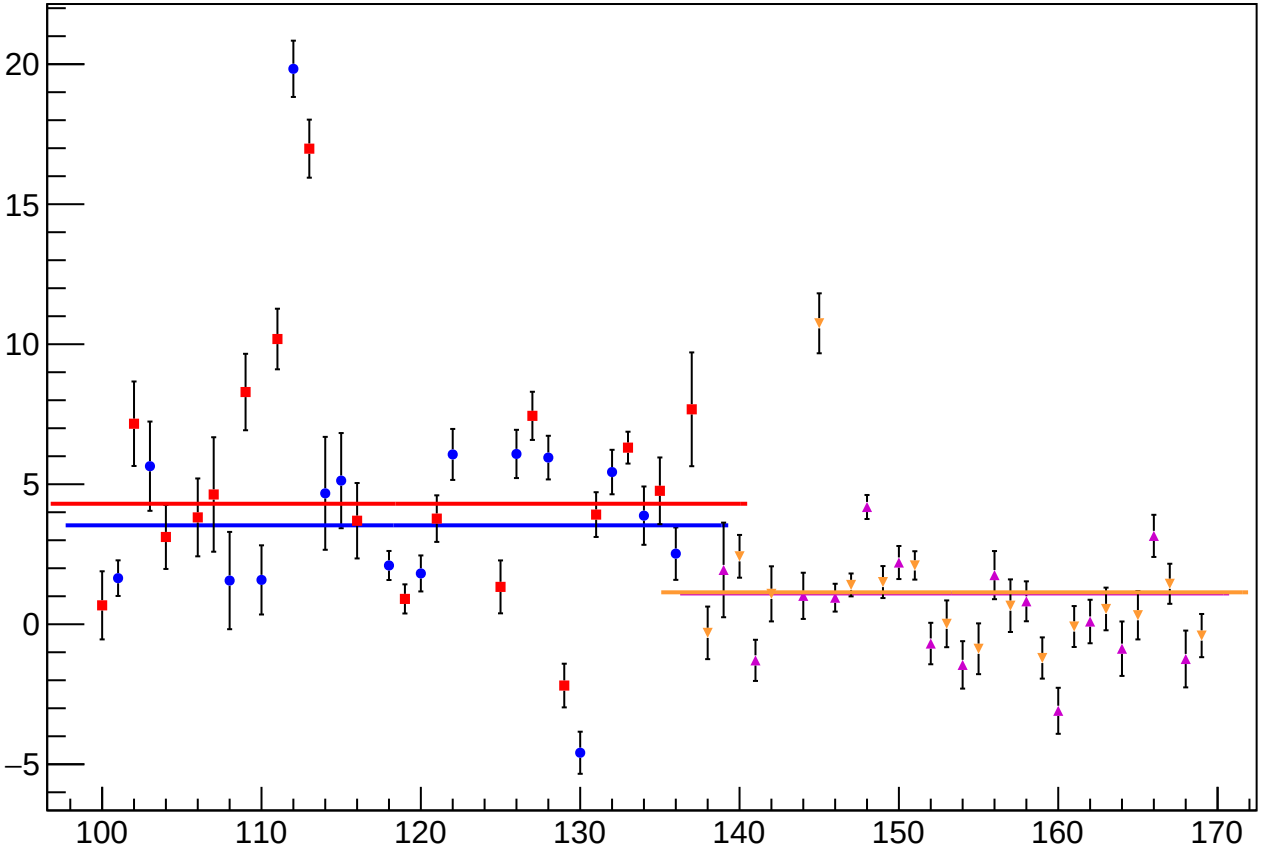
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.345+/-0.261 χ^2/NDF:631.5/14

Out: -38.504+/-0.257 χ^2/NDF:866.6/15

All: -38.426+/-0.183 χ^2/NDF: 1498.3/30

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: 1.140+/-0.177 χ^2/NDF:115.8/15

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.100+/-0.184 χ^2/NDF:126.5/14

Left: 1.121+/-0.128 χ^2/NDF: 242.3/30

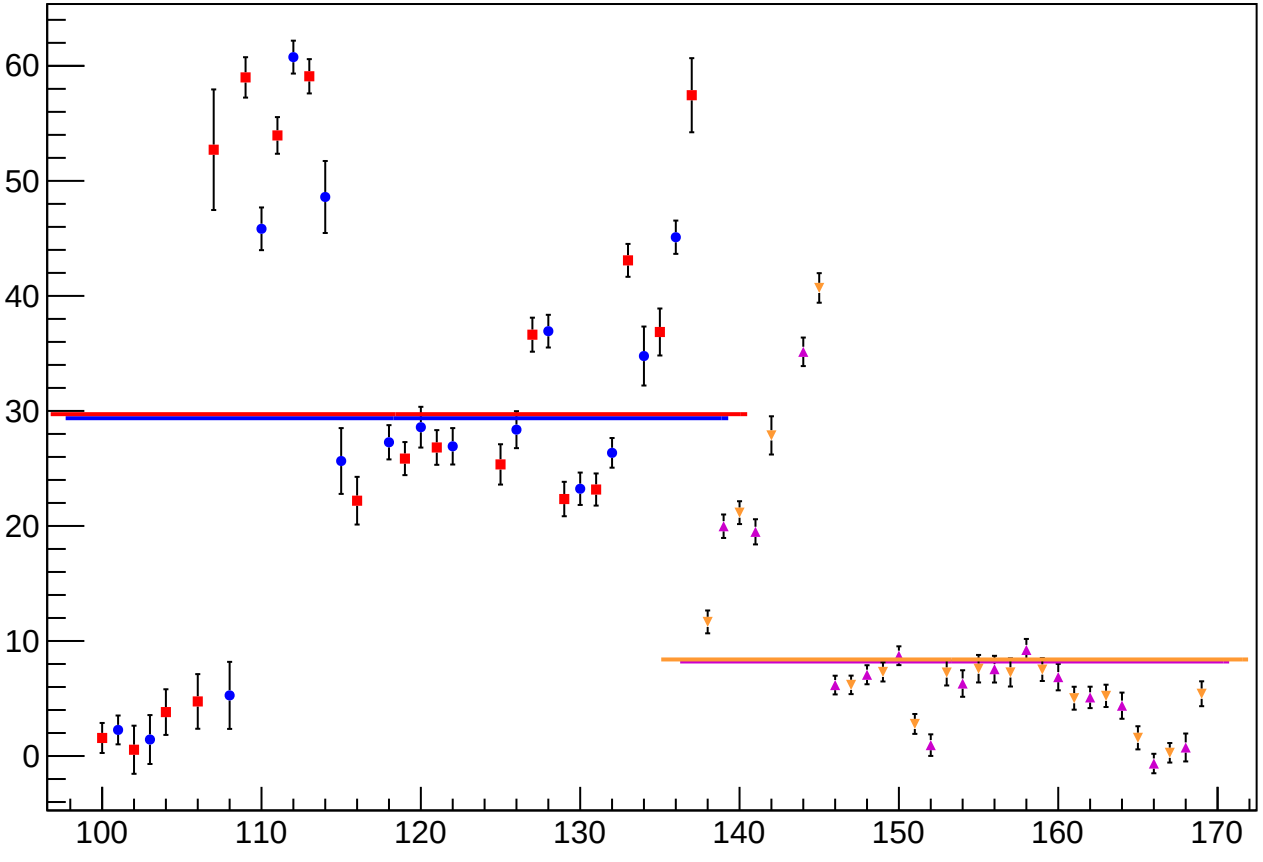
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.117+/-0.140 χ^2/NDF:642.7/30

Out: 2.373+/-0.138 χ^2/NDF:593.0/33

All: 2.247+/-0.099 χ^2/NDF: 1237.4/64

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: 8.393+/-0.252 χ^2/NDF:1165.9/15

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 8.217+/-0.255 χ^2/NDF:955.1/14

Left: 8.306+/-0.179 χ^2/NDF: 2121.2/30

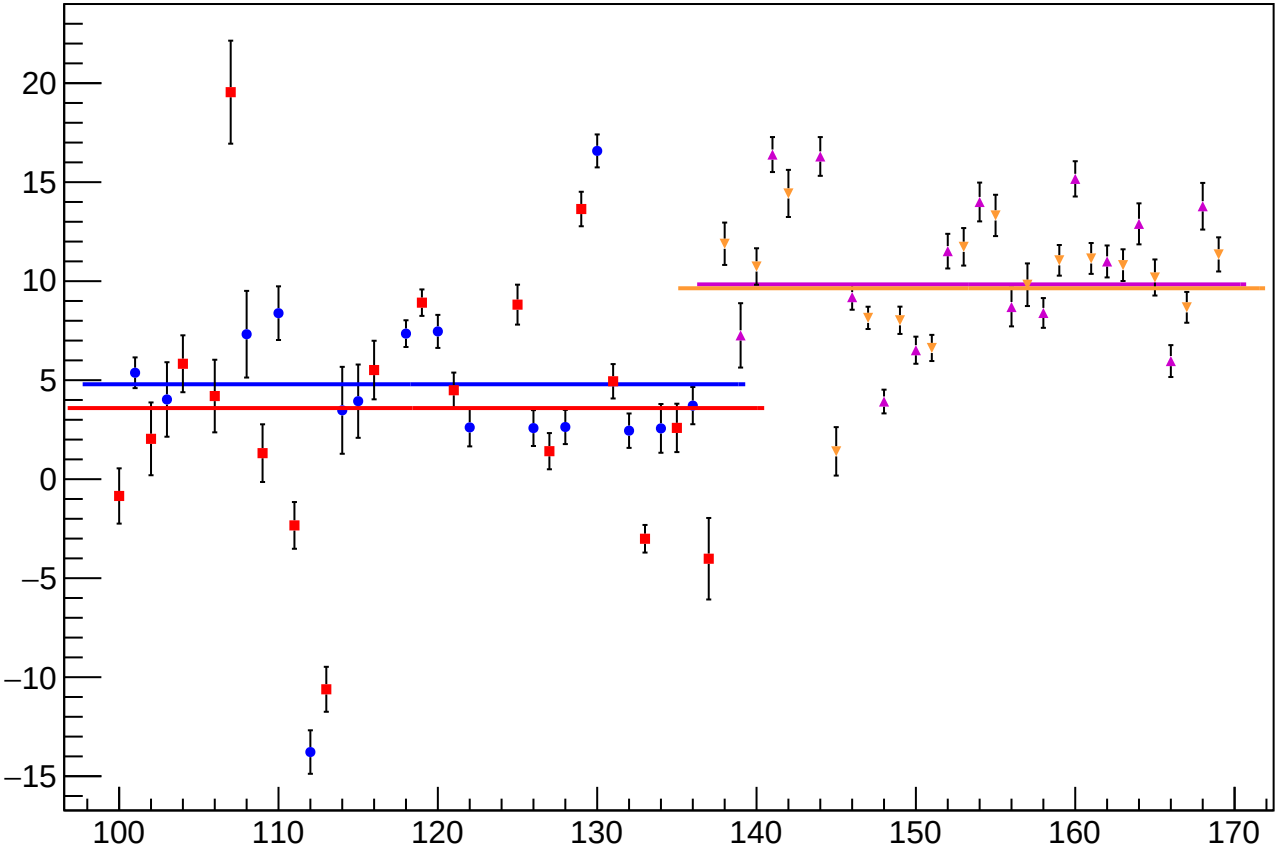
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 13.979+/-0.217 χ^2/NDF:4320.1/30

Out: 14.387+/-0.213 χ^2/NDF:5314.1/33

All: 14.187+/-0.152 χ^2/NDF: 9636.0/64

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: 9.642+/-0.209 χ^2/NDF:133.1/15

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.837+/-0.217 χ^2/NDF:330.8/14

Left: 9.736+/-0.150 χ^2/NDF: 464.3/30

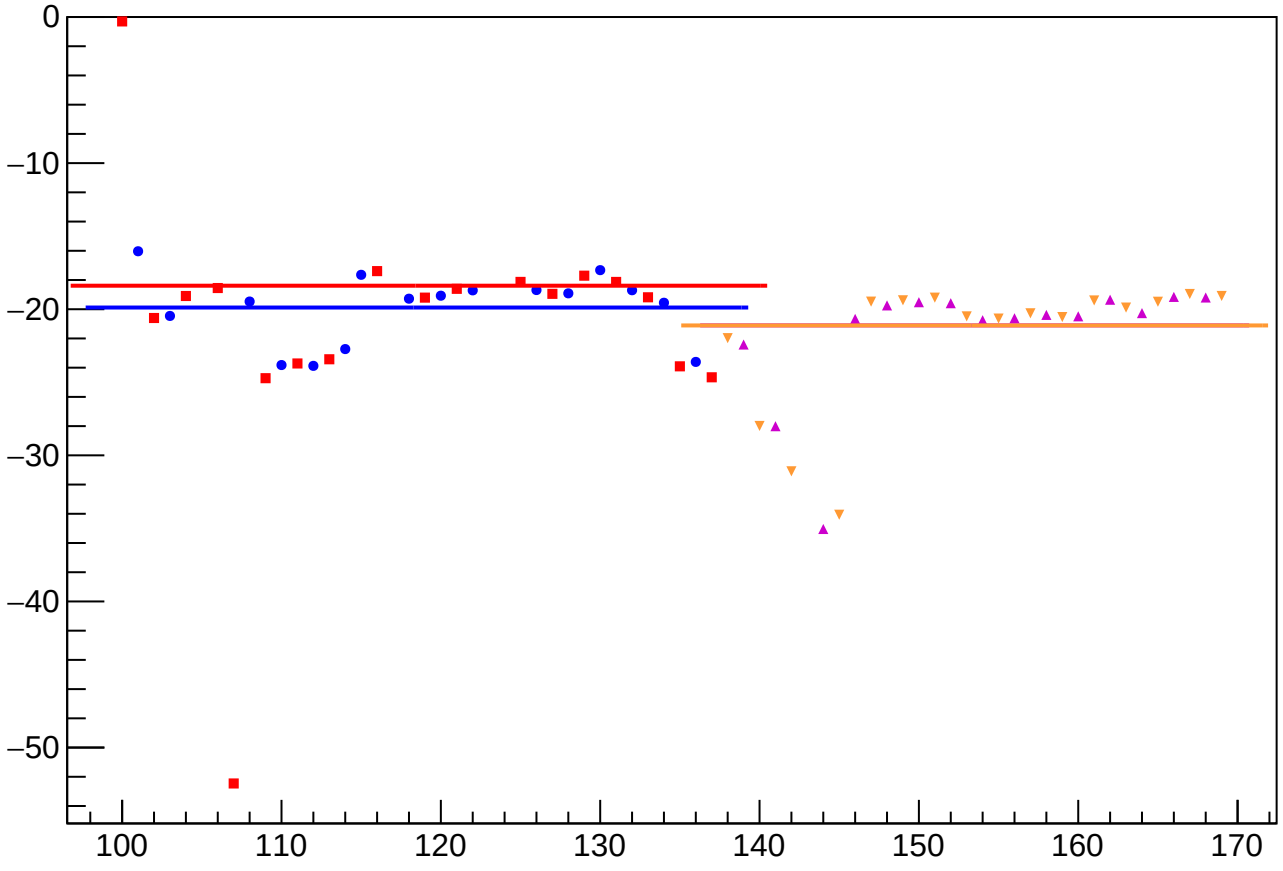
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 7.681+/-0.164 χ^2/NDF:1111.8/30

Out: 7.208+/-0.161 χ^2/NDF:1044.3/33

All: 7.441+/-0.115 χ^2/NDF: 2160.4/64

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -21.109+/-0.010 χ^2/NDF:131628.3/15

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -21.106+/-0.010 χ^2/NDF:104454.6/14

Left: -21.108+/-0.007 χ^2/NDF: 236082.9/30

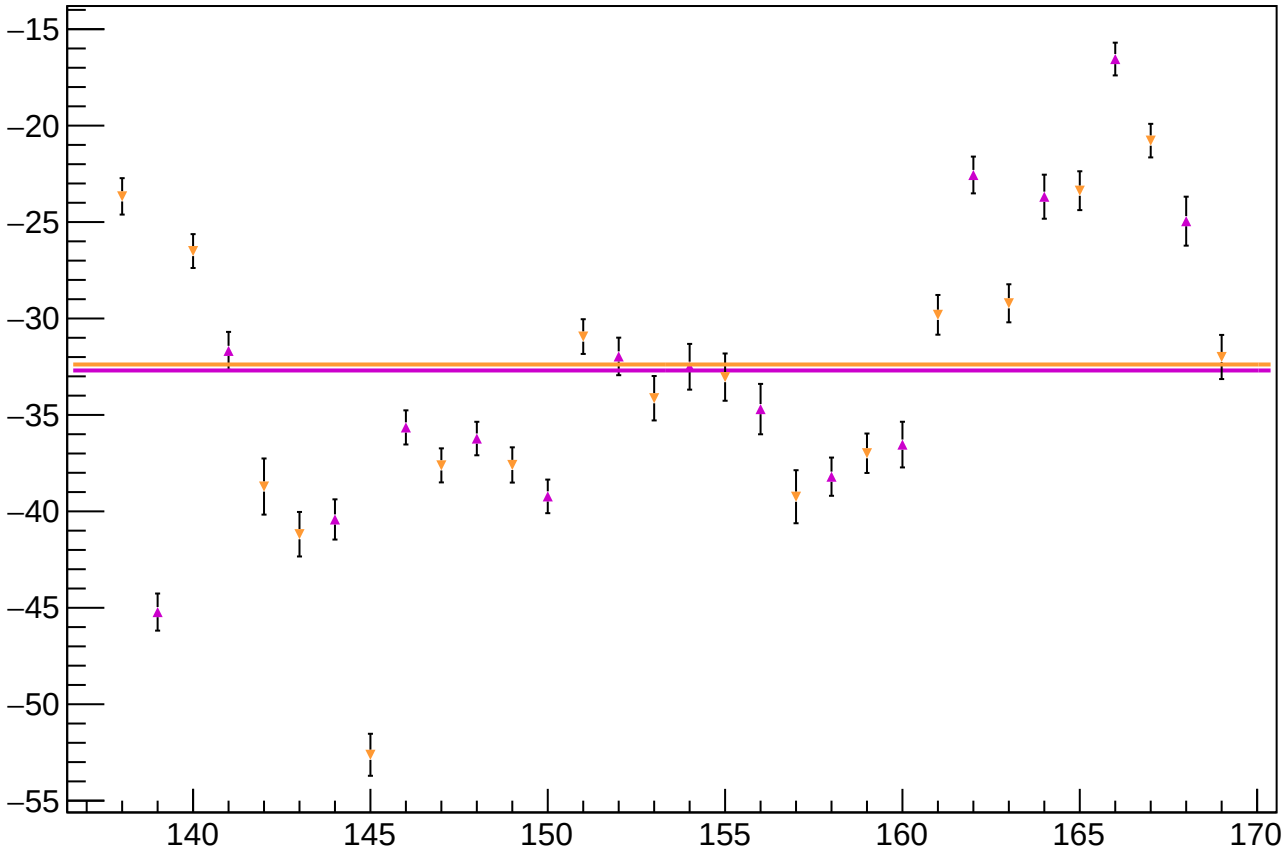
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -20.742+/-0.008 χ^2/NDF:134855.8/30

Out: -20.251+/-0.008 χ^2/NDF:456183.1/33

All: -20.490+/-0.006 χ^2/NDF: 592747.3/64

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: -32.385+/-0.249 χ^2/NDF:944.7/16

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

Left In: -32.695+/-0.259 χ^2/NDF:928.1/14

Left: -32.534+/-0.179 χ^2/NDF: 1873.6/31

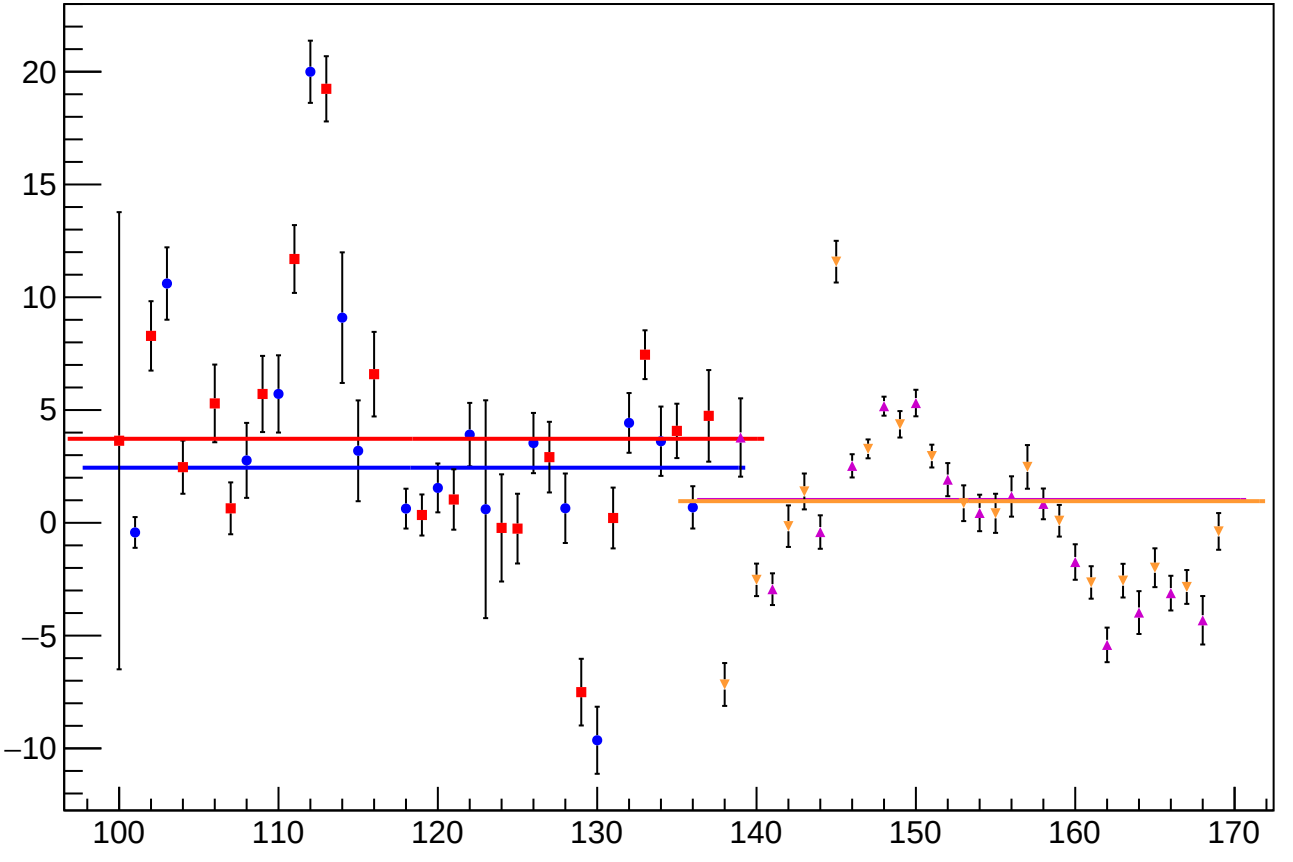
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.695+/-0.259 χ^2/NDF:928.1/14

Out: -32.385+/-0.249 χ^2/NDF:944.7/16

All: -32.534+/-0.179 χ^2/NDF: 1873.6/31

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: 0.960+/-0.172 χ^2/NDF:402.2/16

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 1.013+/-0.182 χ^2/NDF:363.1/14

Left: 0.985+/-0.125 χ^2/NDF: 765.4/31

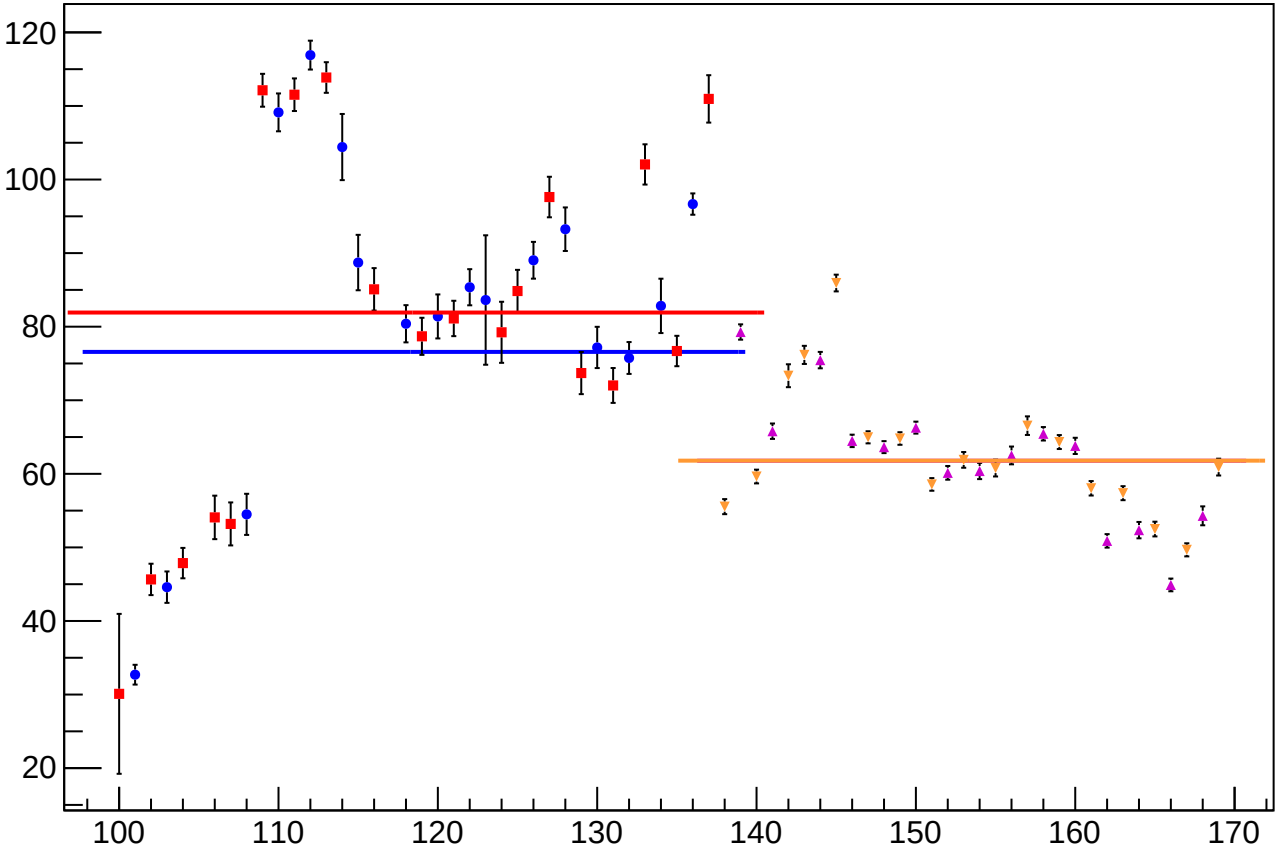
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 1.377+/-0.157 χ^2/NDF:674.1/31

Out: 1.559+/-0.152 χ^2/NDF:727.4/35

All: 1.471+/-0.109 χ^2/NDF: 1402.3/67

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: 61.791+/-0.245 χ^2/NDF:1055.7/16

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 61.776+/-0.253 χ^2/NDF:1146.2/14

Left: 61.784+/-0.176 χ^2/NDF: 2201.9/31

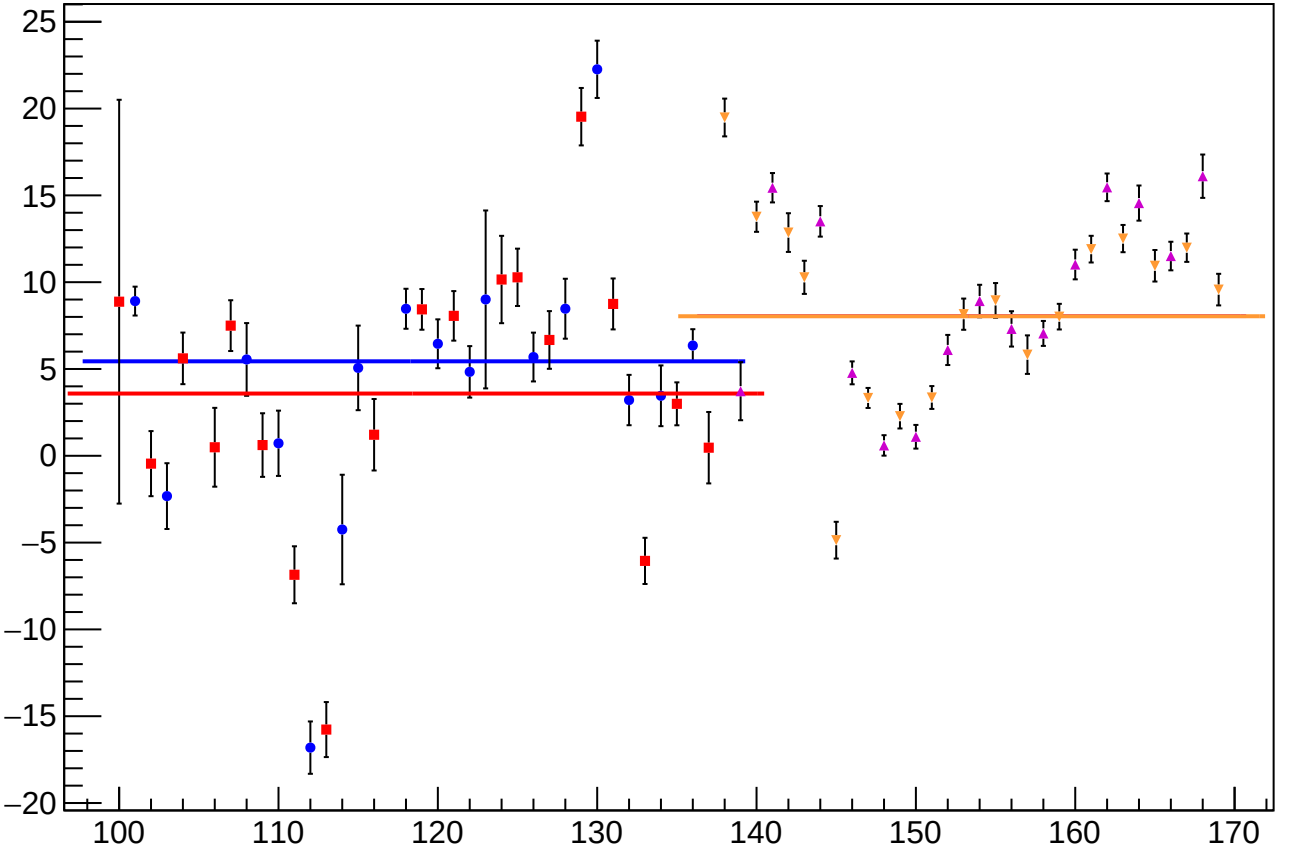
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 64.182+/-0.231 χ^2/NDF:3957.5/31

Out: 64.733+/-0.226 χ^2/NDF:3614.1/35

All: 64.464+/-0.162 χ^2/NDF: 7574.5/67

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: 8.038+/-0.202 χ^2/NDF:609.2/16

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 8.050+/-0.214 χ^2/NDF:617.7/14

Left: 8.044+/-0.147 χ^2/NDF: 1226.8/31

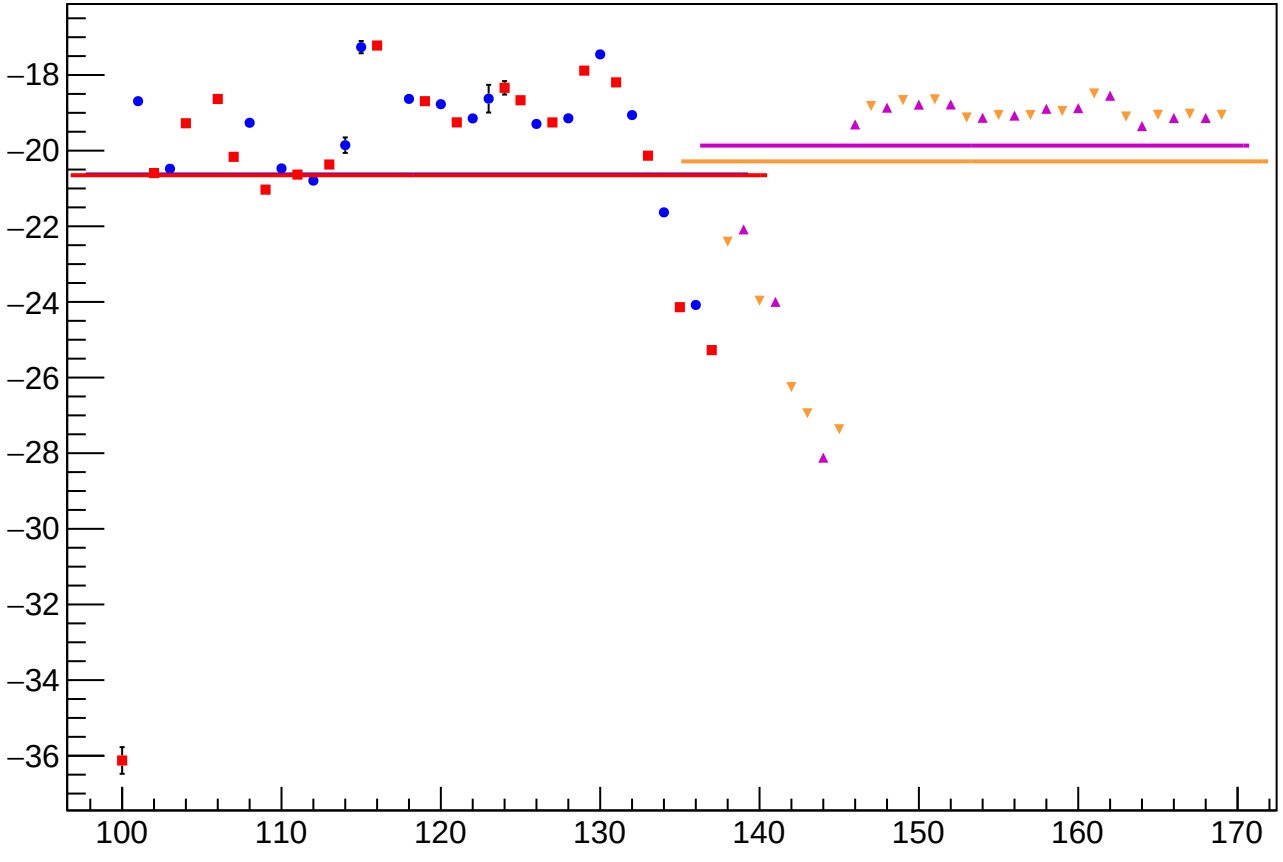
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 7.360+/-0.184 χ^2/NDF:1044.3/31

Out: 7.034+/-0.178 χ^2/NDF:1141.4/35

All: 7.192+/-0.128 χ^2/NDF: 2187.4/67

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: -20.284+/-0.010 χ^2/NDF:78806.4/16

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.866+/-0.010 χ^2/NDF:48892.2/14

Left: -20.082+/-0.007 χ^2/NDF: 128588.0/31

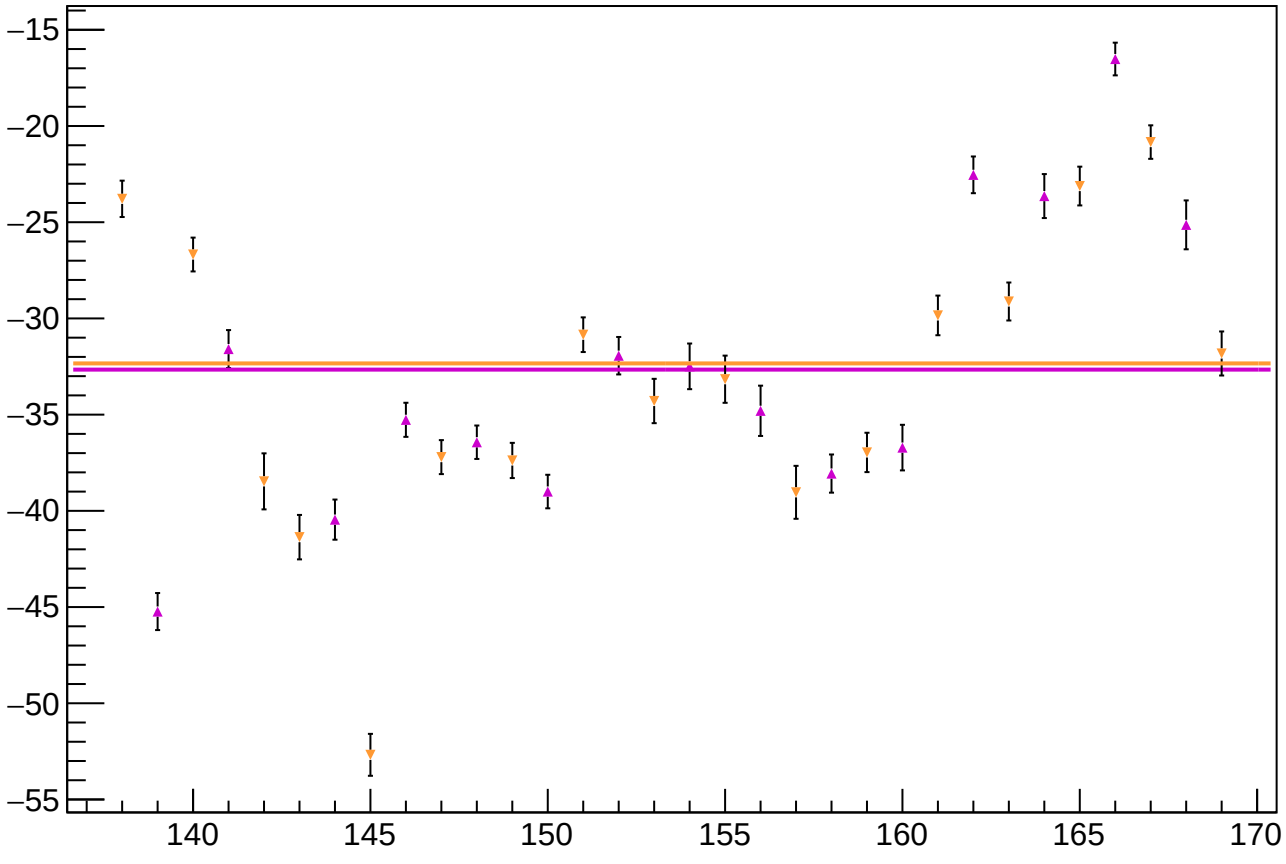
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -20.030+/-0.009 χ^2/NDF:62617.6/31

Out: -20.357+/-0.009 χ^2/NDF:92975.6/35

All: -20.197+/-0.006 χ^2/NDF: 156283.5/67

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: -32.338+/-0.249 χ^2/NDF:936.5/16

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

Left In: -32.660+/-0.259 χ^2/NDF:923.7/14

Left: -32.493+/-0.180 χ^2/NDF: 1860.9/31

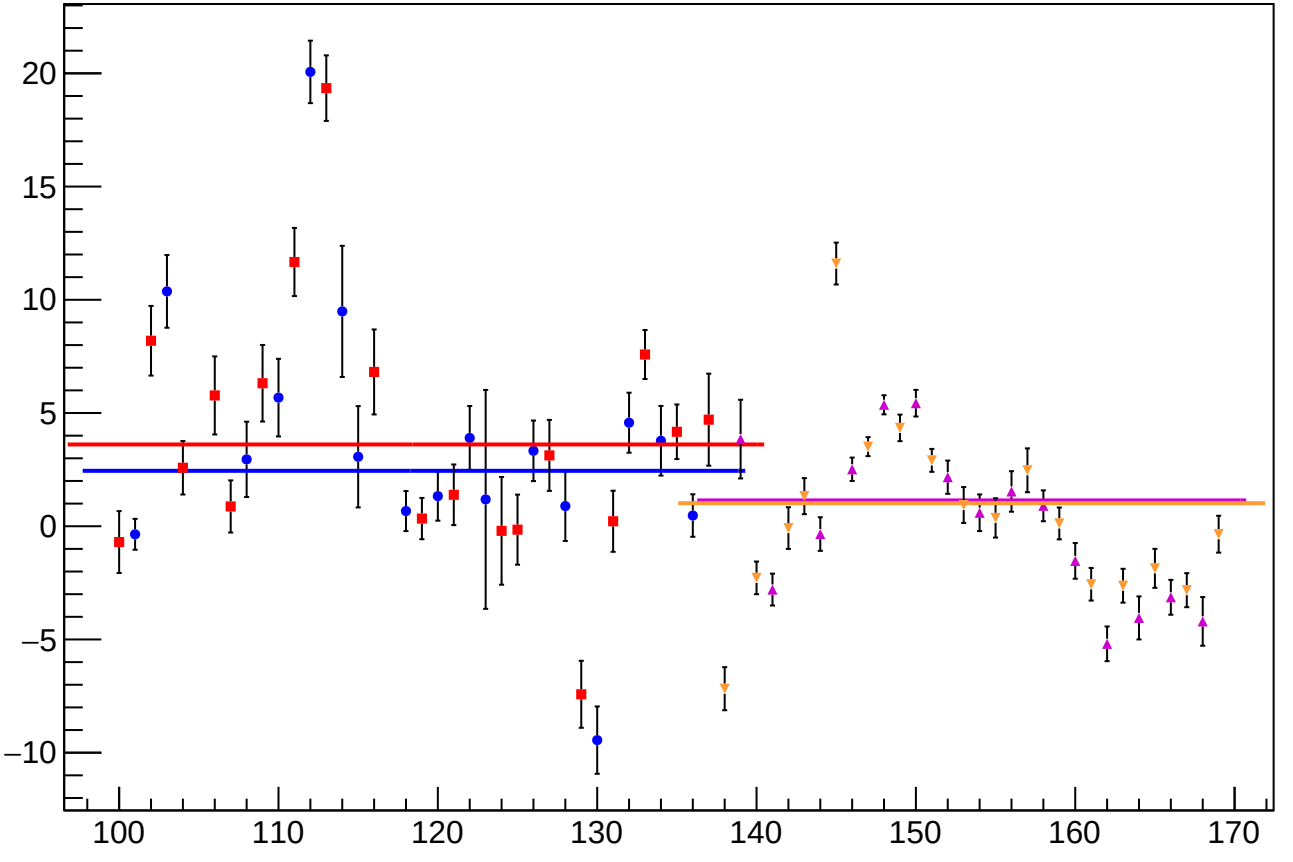
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.660+/-0.259 χ^2/NDF:923.7/14

Out: -32.338+/-0.249 χ^2/NDF:936.5/16

All: -32.493+/-0.180 χ^2/NDF: 1860.9/31

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 1.018+/-0.172 χ^2/NDF:402.4/16

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 1.140+/-0.182 χ^2/NDF:366.3/14

Left: 1.076+/-0.125 χ^2/NDF: 769.0/31

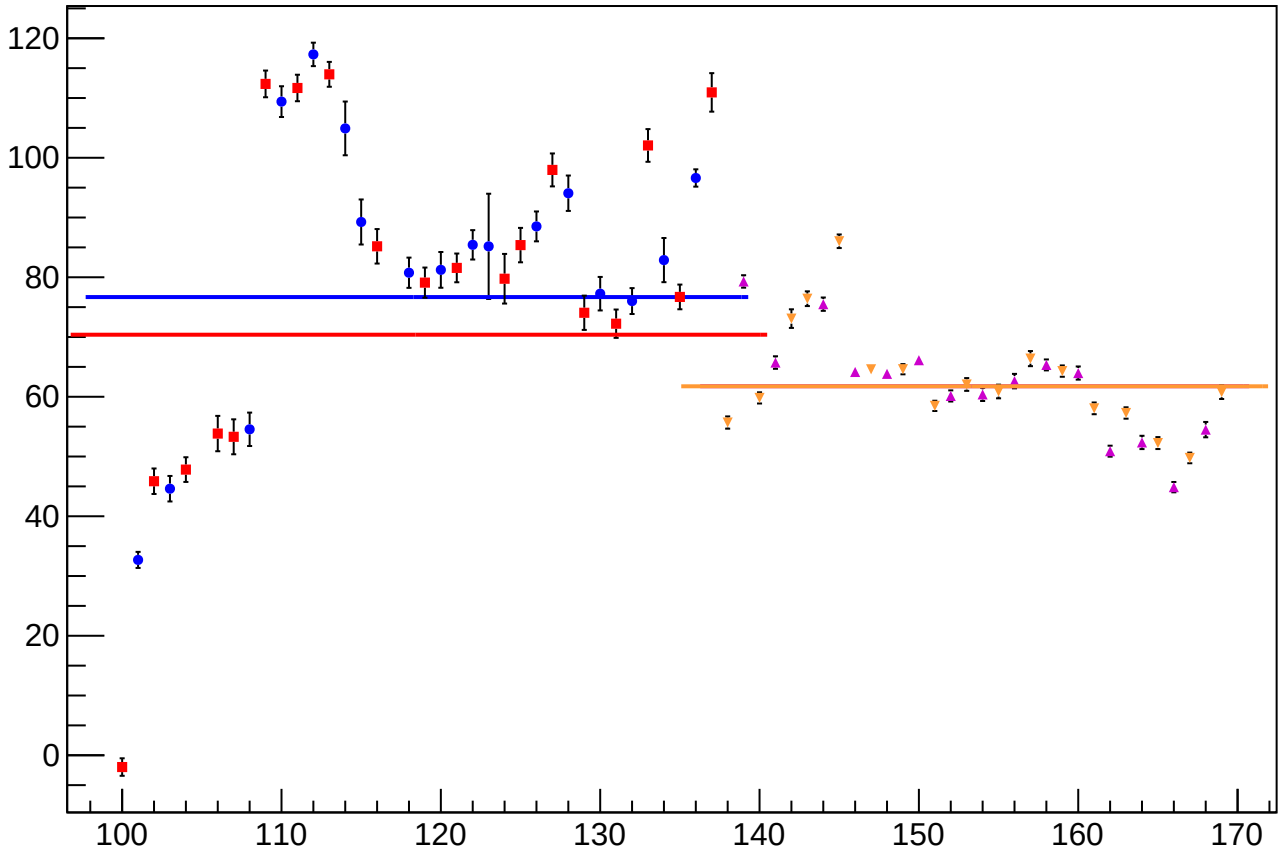
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 1.473+/-0.157 χ^2/NDF:672.9/31

Out: 1.604+/-0.151 χ^2/NDF:733.2/35

All: 1.541+/-0.109 χ^2/NDF: 1406.4/67

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: 61.752+/-0.245 χ^2/NDF:1055.2/16

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 61.764+/-0.253 χ^2/NDF:1141.1/14

Left: 61.758+/-0.176 χ^2/NDF: 2196.3/31

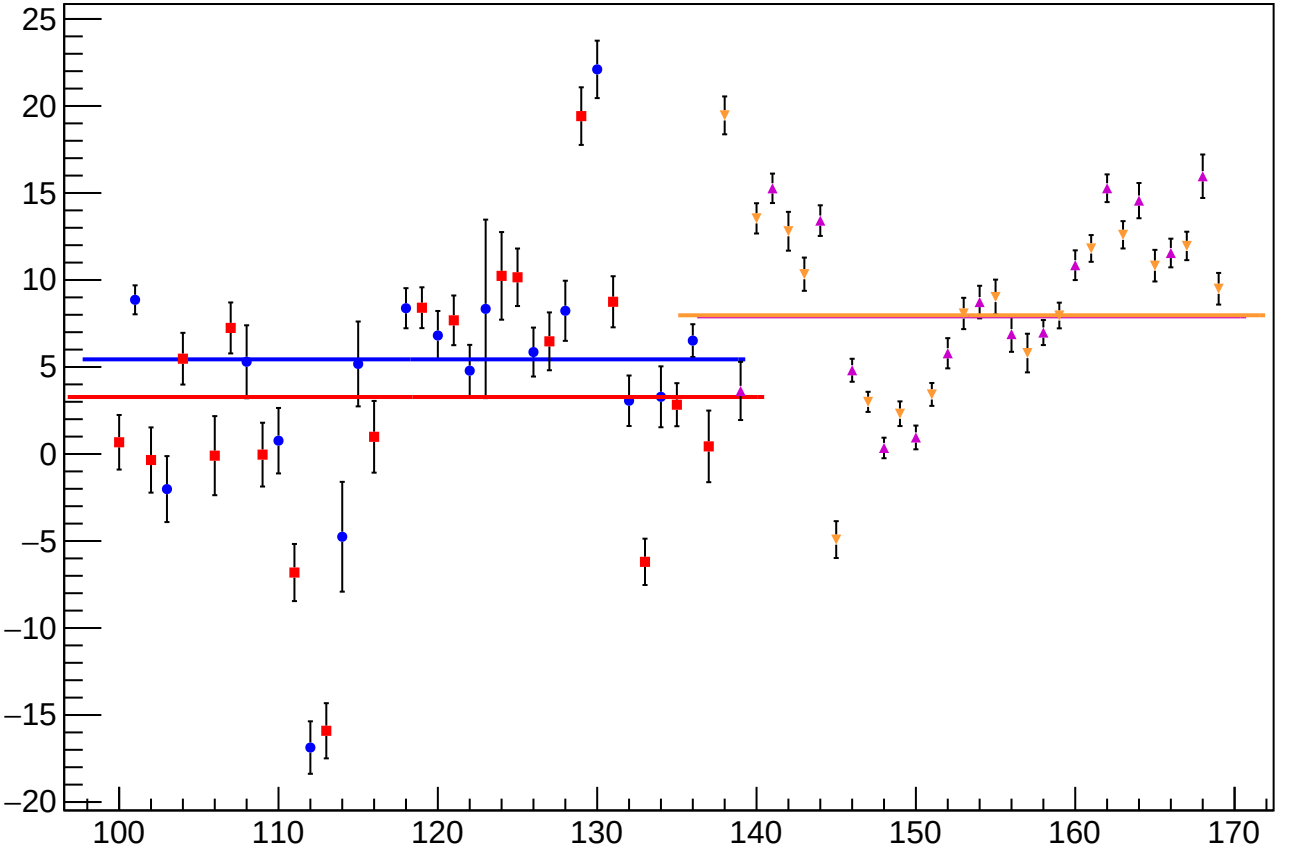
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 64.192+/-0.231 χ^2/NDF:3972.8/31

Out: 63.183+/-0.224 χ^2/NDF:5652.1/35

All: 63.671+/-0.161 χ^2/NDF: 9634.7/67

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 7.972+/-0.203 χ^2/NDF:612.1/16

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 7.910+/-0.214 χ^2/NDF:622.5/14

Left: 7.943+/-0.147 χ^2/NDF: 1234.6/31

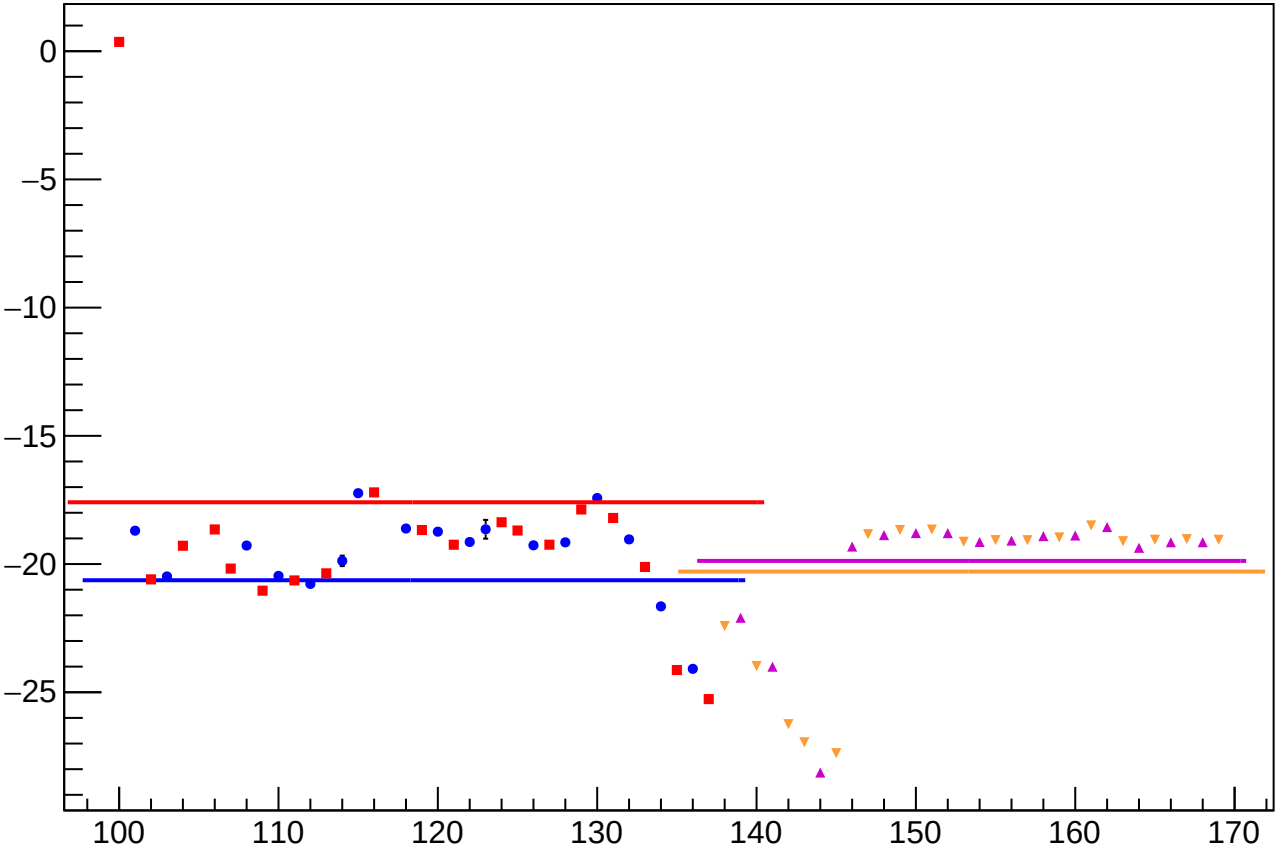
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 7.257+/-0.184 χ^2/NDF:1043.6/31

Out: 6.867+/-0.177 χ^2/NDF:1164.3/35

All: 7.055+/-0.128 χ^2/NDF: 2210.2/67

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: -20.293+/-0.010 χ^2/NDF:78679.4/16

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.878+/-0.010 χ^2/NDF:48818.8/14

Left: -20.092+/-0.007 χ^2/NDF: 128376.1/31

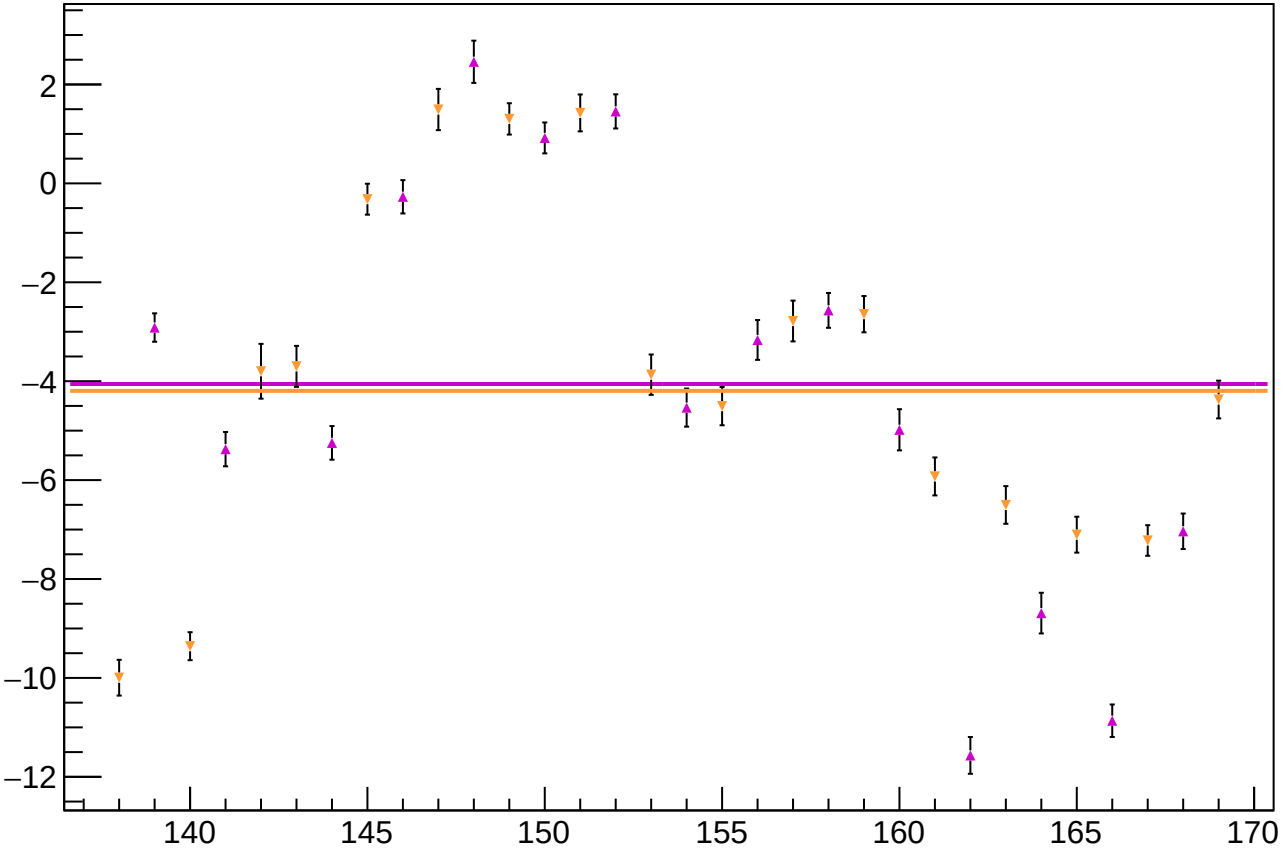
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -20.039+/-0.009 χ^2/NDF:62550.2/31

Out: -19.682+/-0.009 χ^2/NDF:274769.0/35

All: -19.853+/-0.006 χ^2/NDF: 338153.8/67

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: -4.195+/-0.089 χ^2/NDF:1707.2/16

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

Left In: -4.057+/-0.092 χ^2/NDF:1972.9/14

Left: -4.128+/-0.064 χ^2/NDF: 3681.3/31

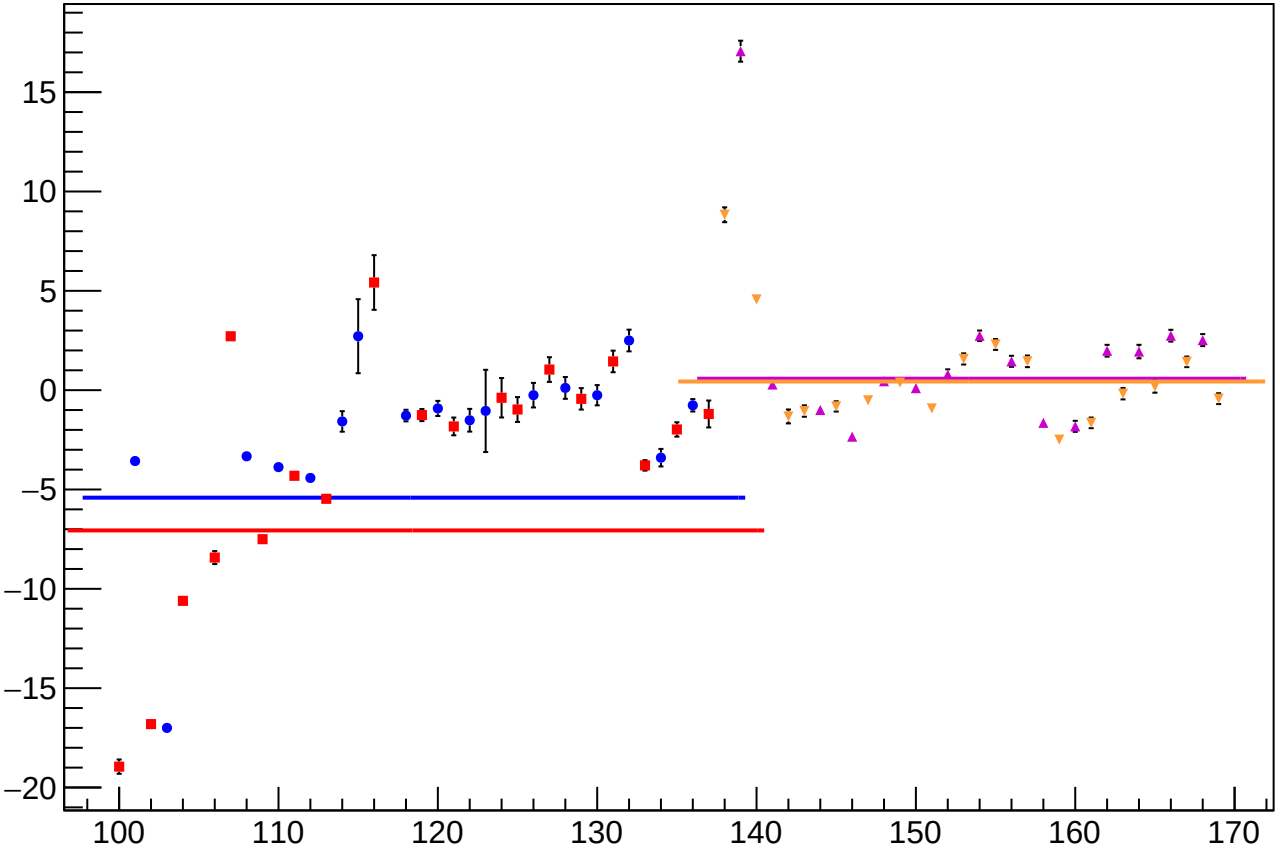
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.057+/-0.092 χ^2/NDF:1972.9/14

Out: -4.195+/-0.089 χ^2/NDF:1707.2/16

All: -4.128+/-0.064 χ^2/NDF: 3681.3/31

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: 0.436+/-0.064 χ^2/NDF:1244.4/16

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.577+/-0.068 χ^2/NDF:1575.2/14

Left: 0.503+/-0.046 χ^2/NDF: 2821.9/31

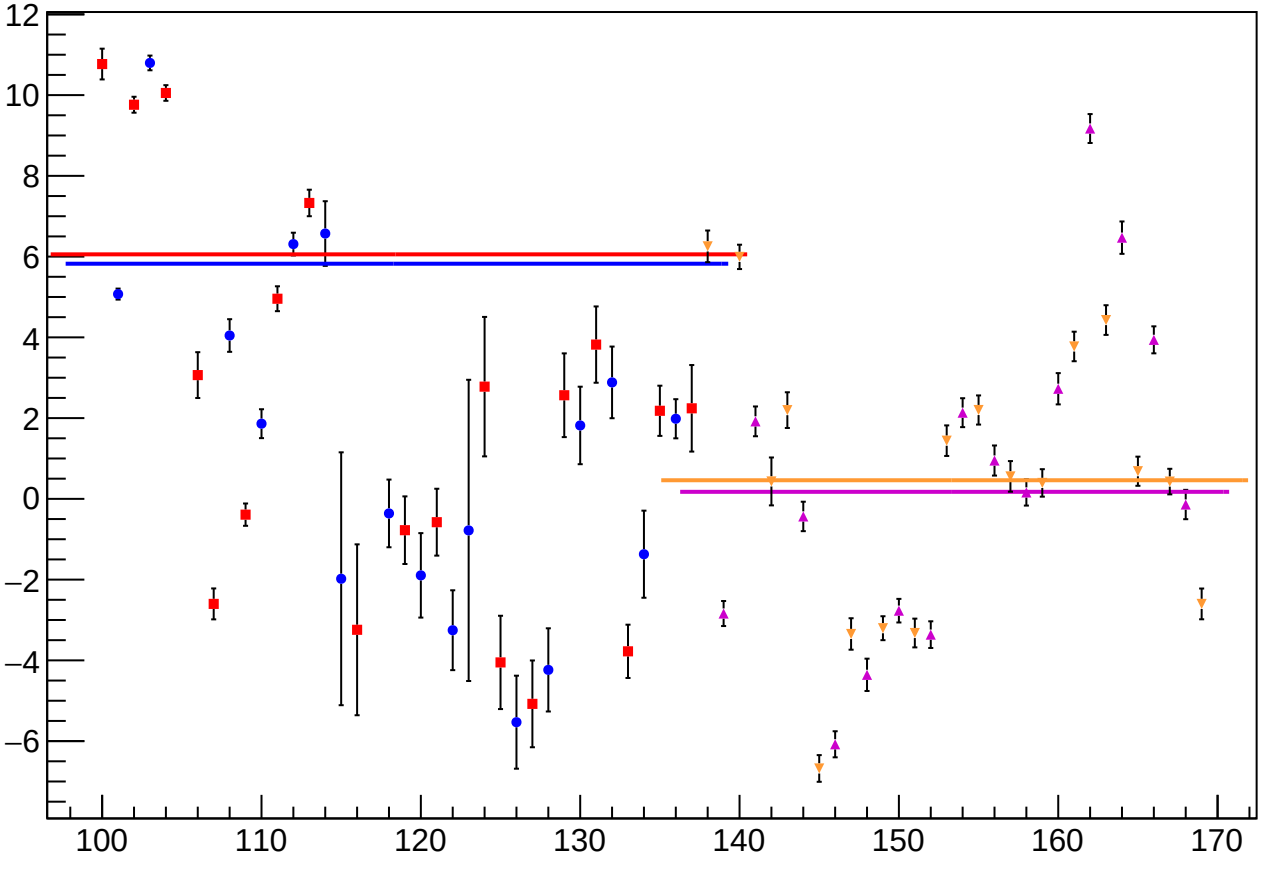
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -3.049+/-0.043 χ^2/NDF:15556.5/31

Out: -3.598+/-0.043 χ^2/NDF:21019.3/35

All: -3.319+/-0.030 χ^2/NDF: 36657.5/67

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: 0.461+/-0.088 χ^2/NDF:1691.5/16

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: 0.174+/-0.090 χ^2/NDF:1922.3/14

Left: 0.321+/-0.063 χ^2/NDF: 3619.0/31

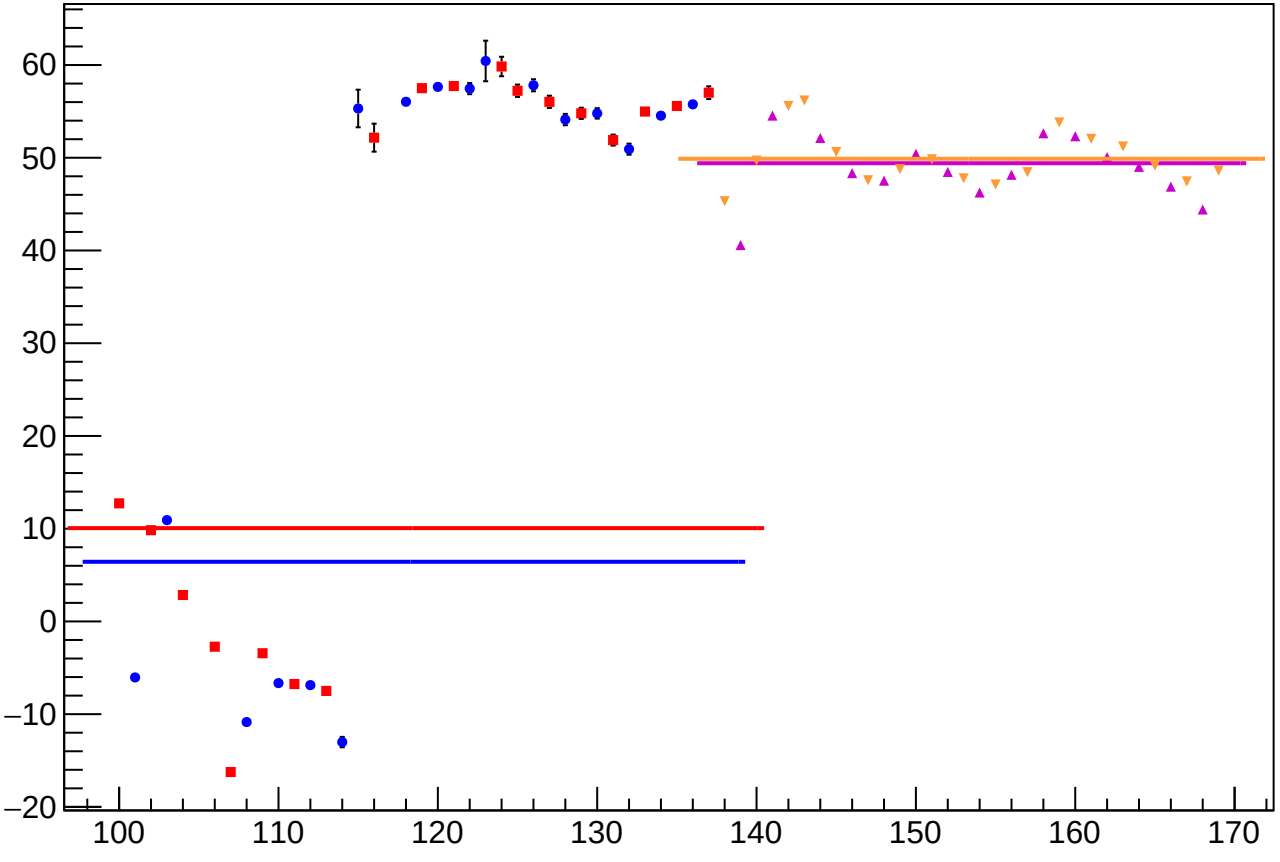
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 3.010+/-0.063 χ^2/NDF:5355.6/31

Out: 3.084+/-0.064 χ^2/NDF:6269.9/35

All: 3.047+/-0.045 χ^2/NDF: 11626.2/67

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: 49.893+/-0.074 χ^2/NDF:1254.8/16

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 49.410+/-0.078 χ^2/NDF:1412.9/14

Left: 49.666+/-0.054 χ^2/NDF: 2687.8/31

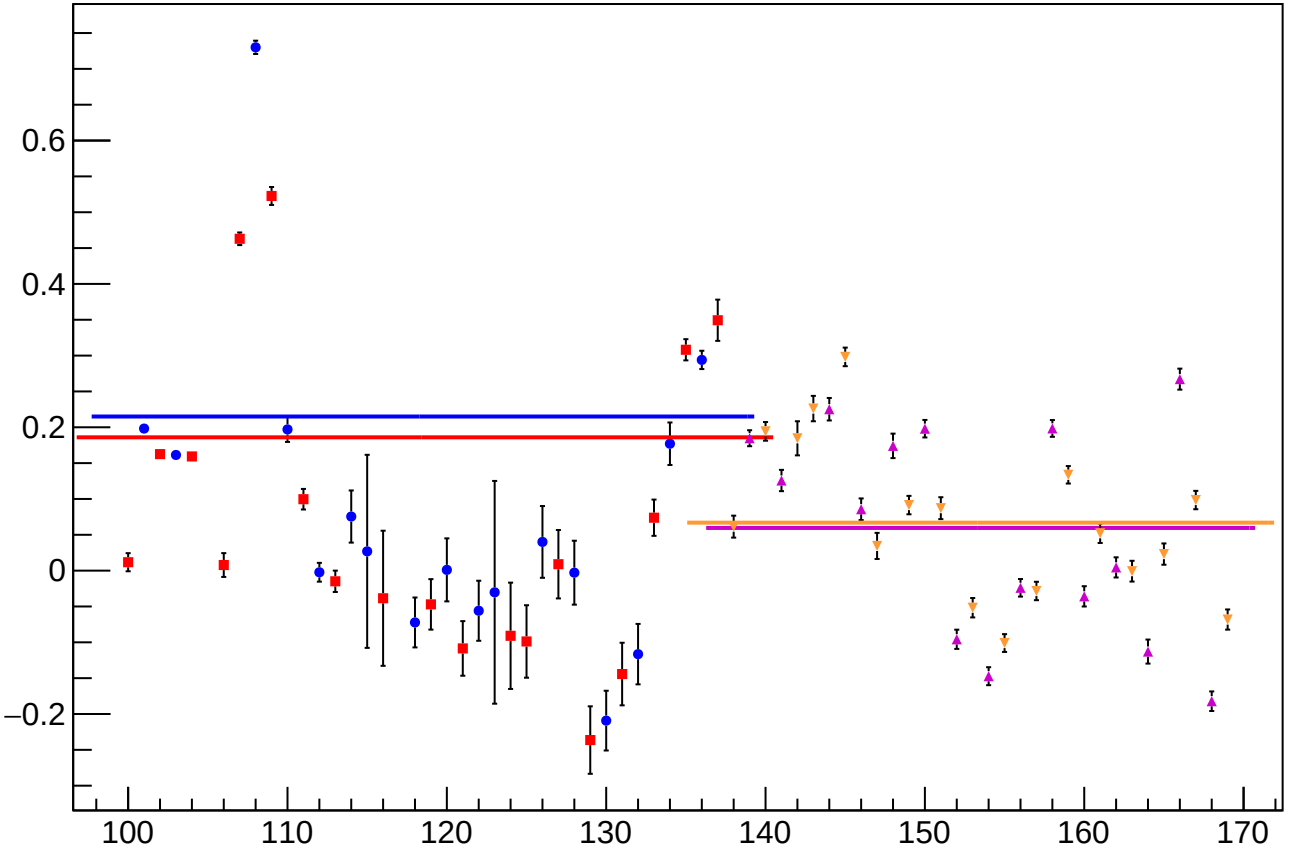
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 23.887+/-0.050 χ^2/NDF:304106.9/31

Out: 28.833+/-0.051 χ^2/NDF:276808.3/35

All: 26.318+/-0.036 χ^2/NDF: 585751.8/67

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: 0.067+/-0.003 χ^2/NDF:1002.7/16

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.060+/-0.004 χ^2/NDF:1708.4/14

Left: 0.063+/-0.002 χ^2/NDF: 2713.3/31

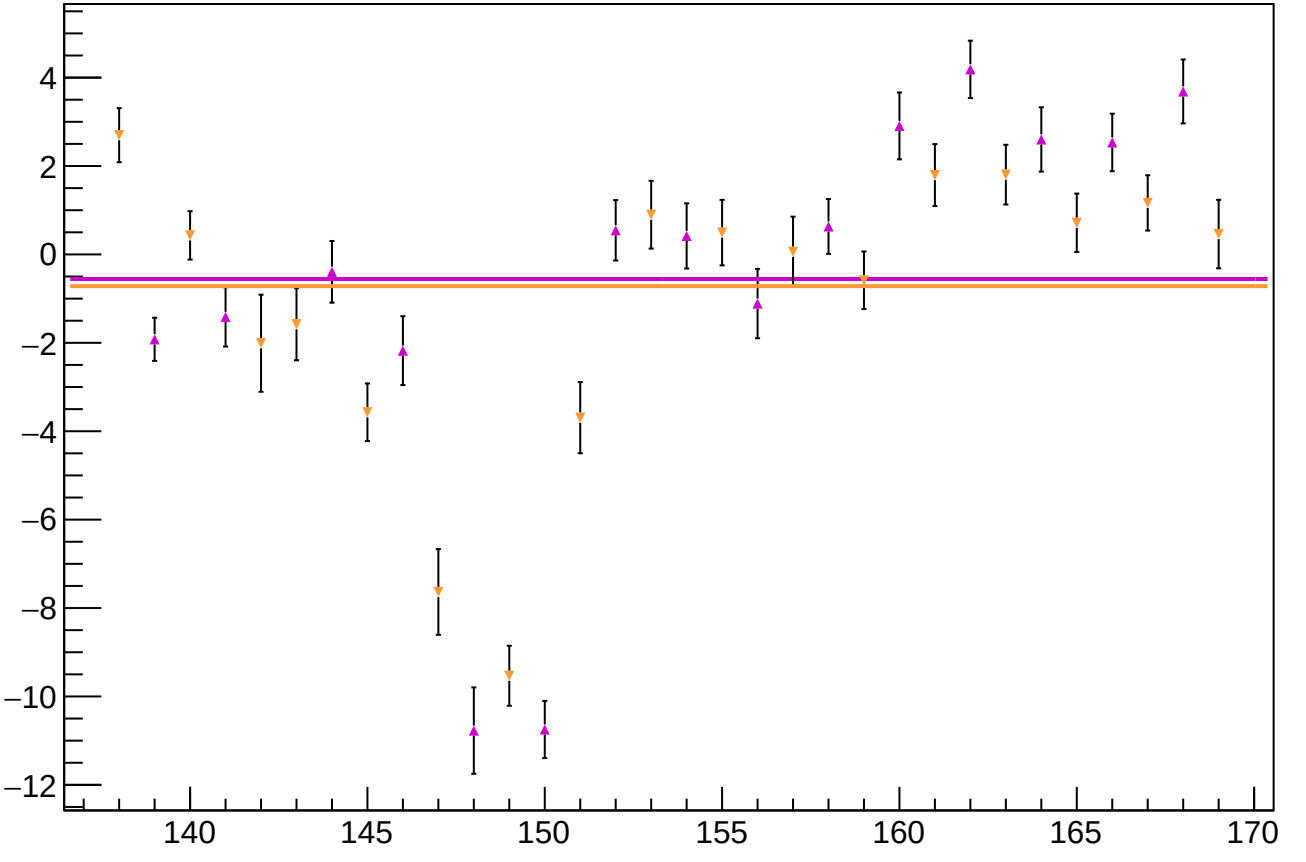
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.156+/-0.002 χ^2/NDF:6843.8/31

Out: 0.141+/-0.002 χ^2/NDF:4469.6/35

All: 0.148+/-0.002 χ^2/NDF: 11337.6/67

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: -0.718+/-0.172 χ^2/NDF:341.2/16

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

Left In: -0.556+/-0.177 χ^2/NDF:530.5/14

Left: -0.639+/-0.123 χ^2/NDF: 872.1/31

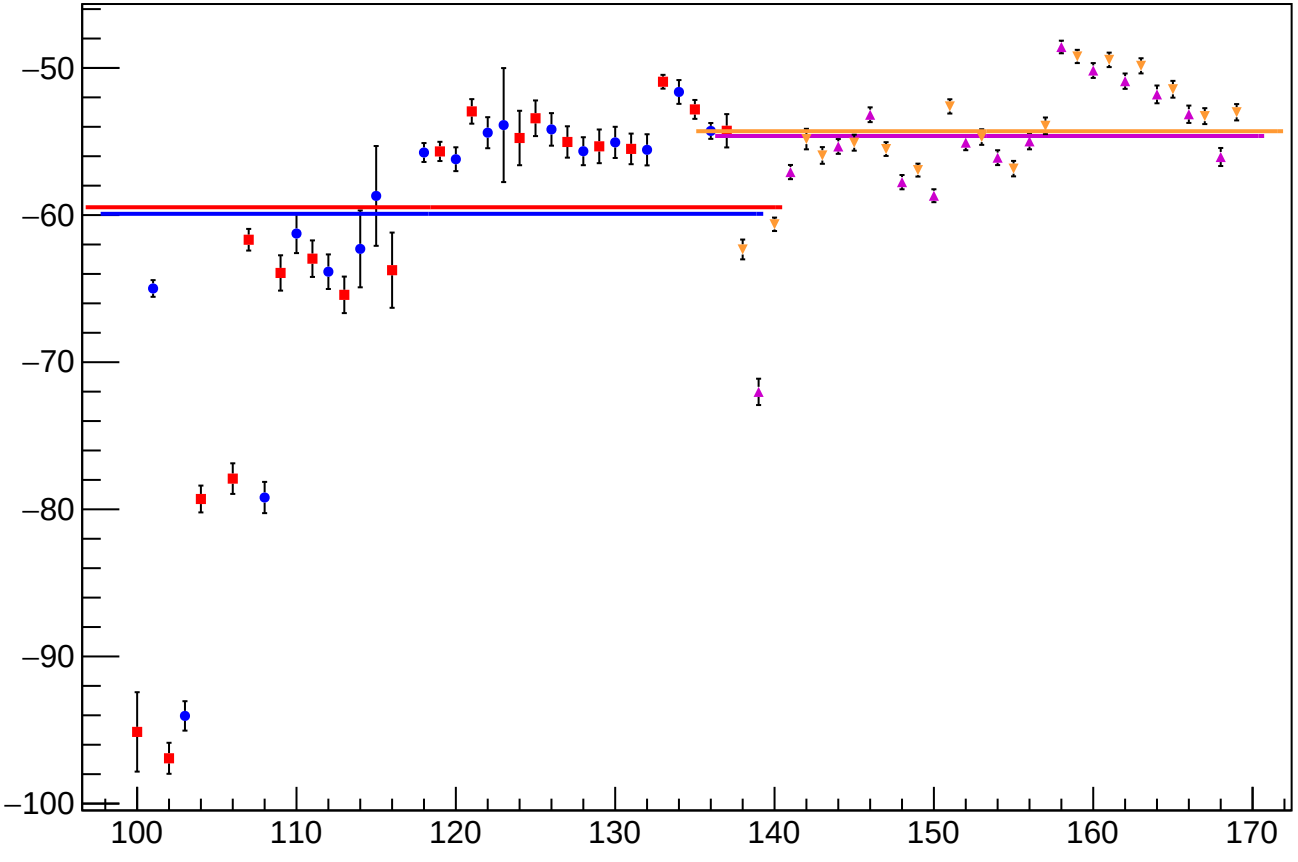
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.556+/-0.177 χ^2/NDF:530.5/14

Out: -0.718+/-0.172 χ^2/NDF:341.2/16

All: -0.639+/-0.123 χ^2/NDF: 872.1/31

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: -54.300+/-0.127 χ^2/NDF:757.4/16

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.625+/-0.135 χ^2/NDF:911.4/14

Left: -54.453+/-0.092 χ^2/NDF: 1671.9/31

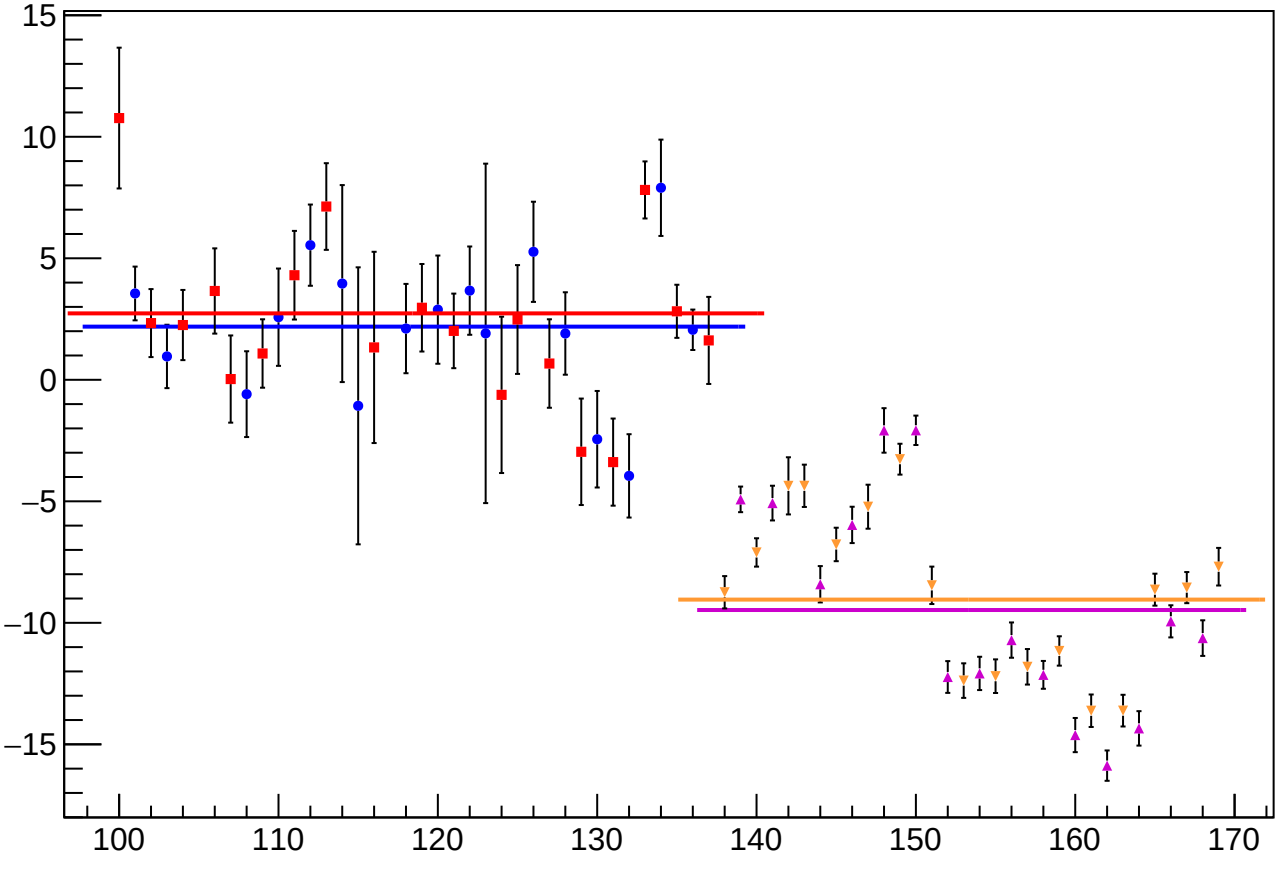
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -56.037+/-0.115 χ^2/NDF:3303.3/31

Out: -55.657+/-0.109 χ^2/NDF:4108.0/35

All: -55.836+/-0.079 χ^2/NDF: 7417.0/67

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: -9.044+/-0.170 χ^2/NDF:337.3/16

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -9.473+/-0.174 χ^2/NDF:617.0/14

Left: -9.255+/-0.122 χ^2/NDF: 957.4/31

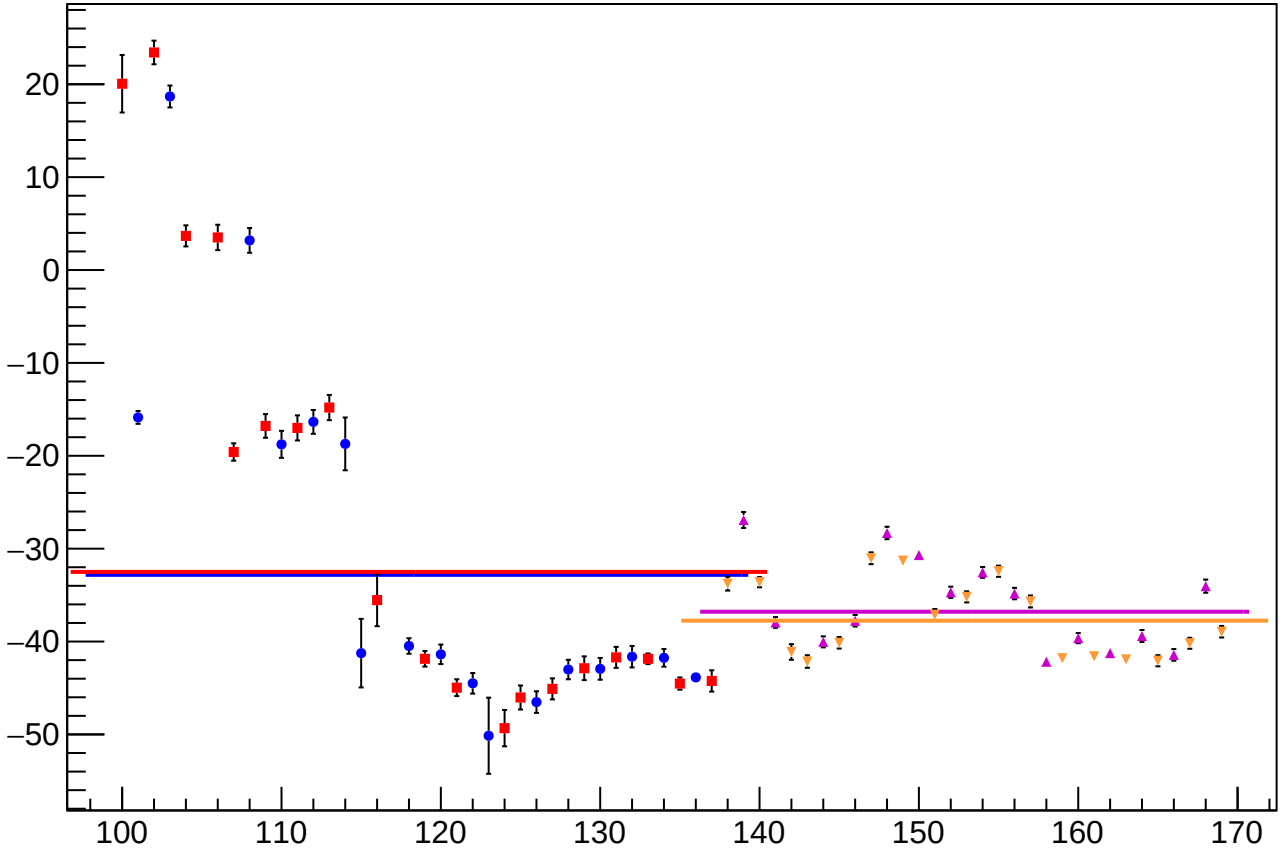
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -7.657+/-0.159 χ^2/NDF:1359.2/31

Out: -7.137+/-0.156 χ^2/NDF:1169.8/35

All: -7.391+/-0.112 χ^2/NDF: 2534.5/67

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: -37.753+/-0.145 χ^2/NDF:783.0/16

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -36.787+/-0.153 χ^2/NDF:868.7/14

Left: -37.296+/-0.105 χ^2/NDF: 1672.7/31

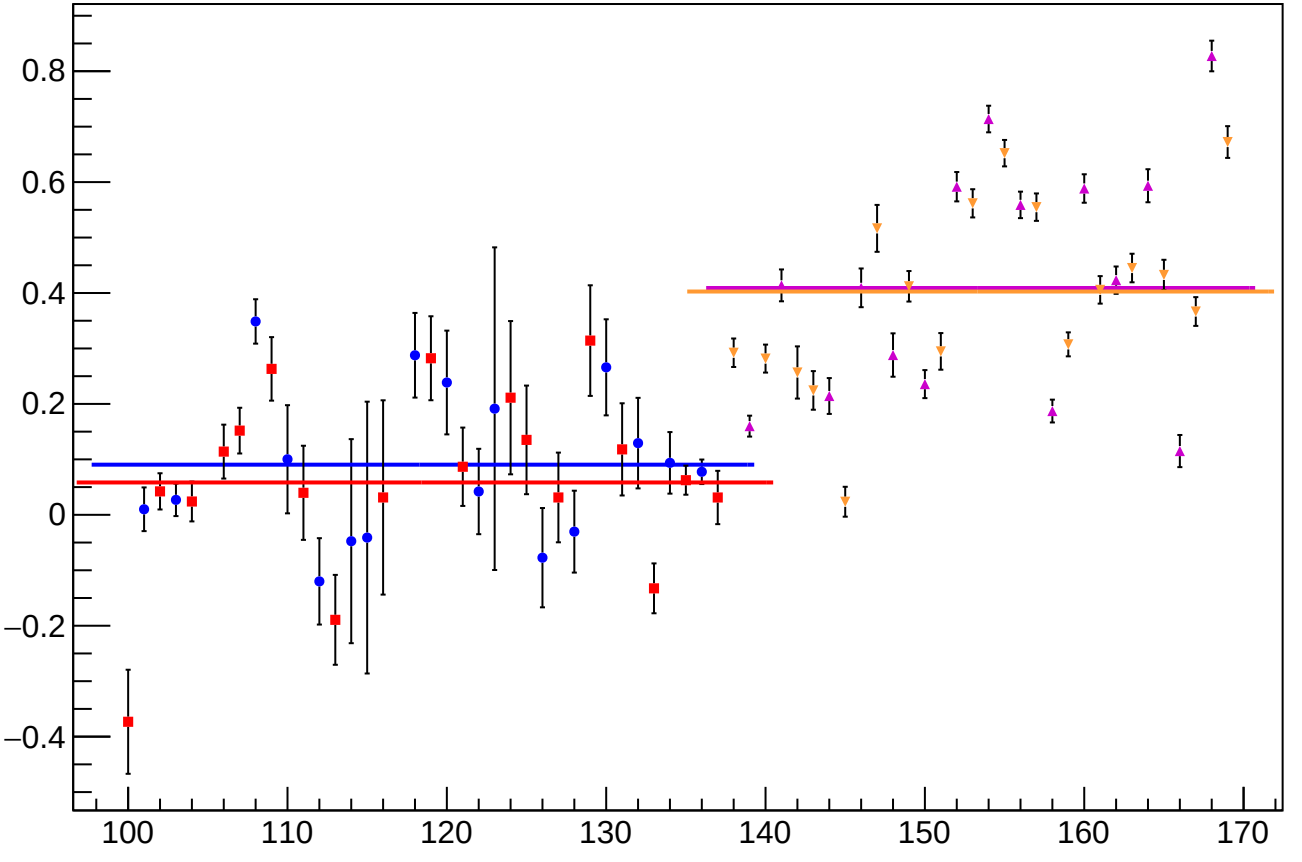
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -35.730+/-0.131 χ^2/NDF:5714.6/31

Out: -36.382+/-0.125 χ^2/NDF:7163.4/35

All: -36.072+/-0.090 χ^2/NDF: 12891.0/67

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: 0.403+/-0.007 χ^2/NDF:593.4/16

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.409+/-0.007 χ^2/NDF:1051.7/14

Left: 0.406+/-0.005 χ^2/NDF: 1645.5/31

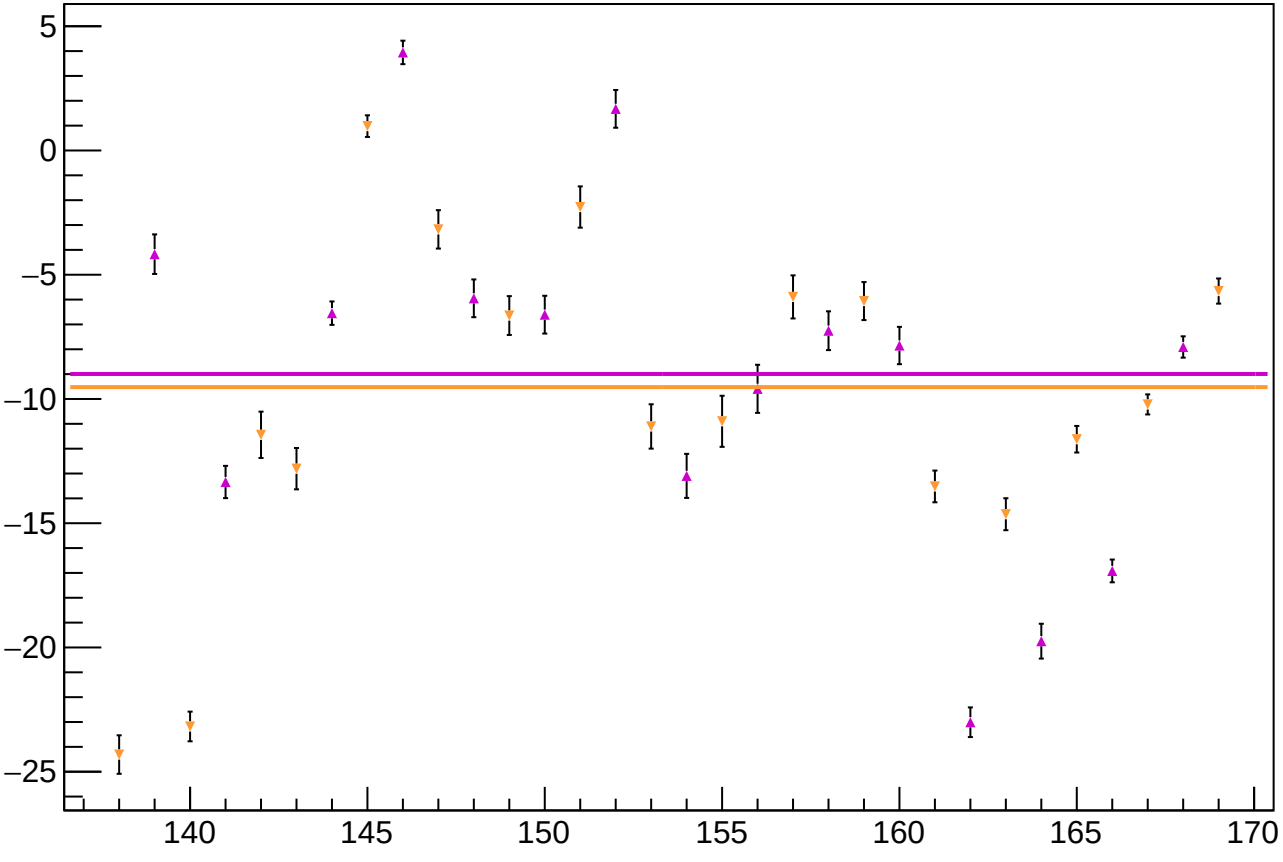
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.339+/-0.006 χ^2/NDF:1621.2/31

Out: 0.324+/-0.006 χ^2/NDF:1300.4/35

All: 0.331+/-0.004 χ^2/NDF: 2925.1/67

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: -9.523+/-0.157 χ^2/NDF:1867.5/16

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

Left In: -8.994+/-0.160 χ^2/NDF:2203.7/14

Left: -9.264+/-0.112 χ^2/NDF: 4076.8/31

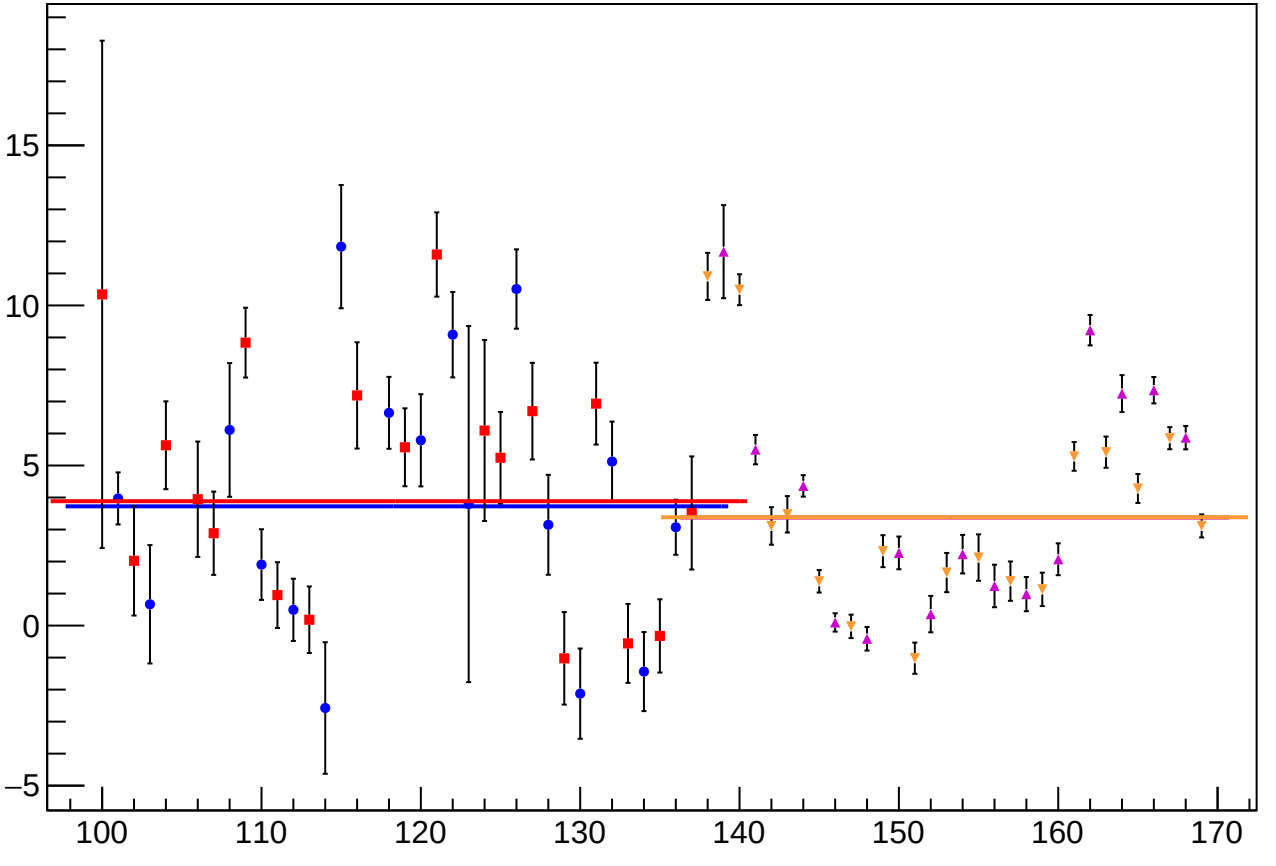
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.994+/-0.160 χ^2/NDF:2203.7/14

Out: -9.523+/-0.157 χ^2/NDF:1867.5/16

All: -9.264+/-0.112 χ^2/NDF: 4076.8/31

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: 3.383+/-0.114 χ^2/NDF:658.6/16

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 3.374+/-0.116 χ^2/NDF:709.3/14

Left: 3.379+/-0.081 χ^2/NDF: 1367.9/31

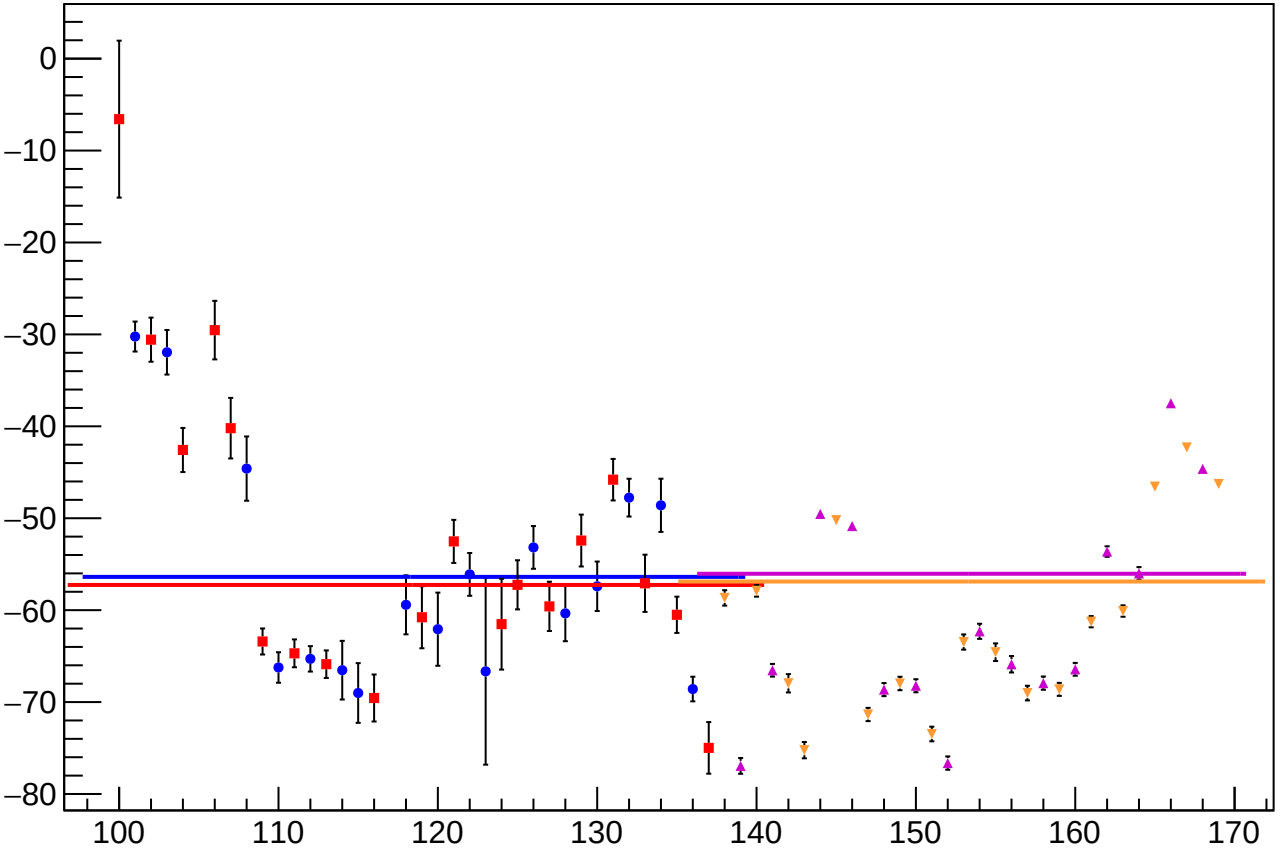
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 3.418+/-0.109 χ^2/NDF:847.2/31

Out: 3.441+/-0.107 χ^2/NDF:795.2/35

All: 3.429+/-0.076 χ^2/NDF: 1642.4/67

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: -56.884+/-0.156 χ^2/NDF:4605.5/16

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -56.040+/-0.158 χ^2/NDF:5492.0/14

Left: -56.468+/-0.111 χ^2/NDF: 10111.9/31

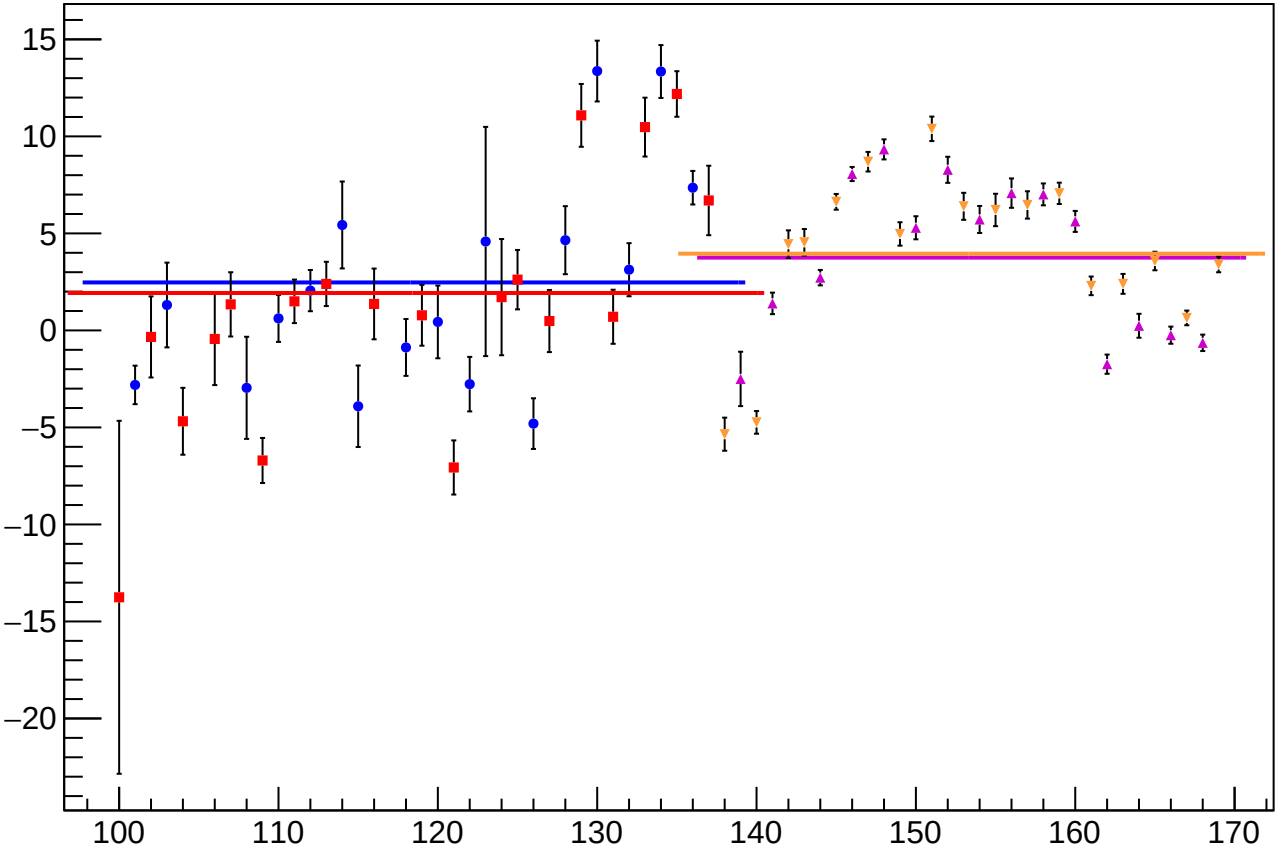
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -56.067+/-0.152 χ^2/NDF:6079.7/31

Out: -56.914+/-0.150 χ^2/NDF:5082.0/35

All: -56.496+/-0.107 χ^2/NDF: 11177.4/67

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: 3.955+/-0.131 χ^2/NDF:744.4/16

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 3.752+/-0.136 χ^2/NDF:771.1/14

Left: 3.857+/-0.094 χ^2/NDF: 1516.6/31

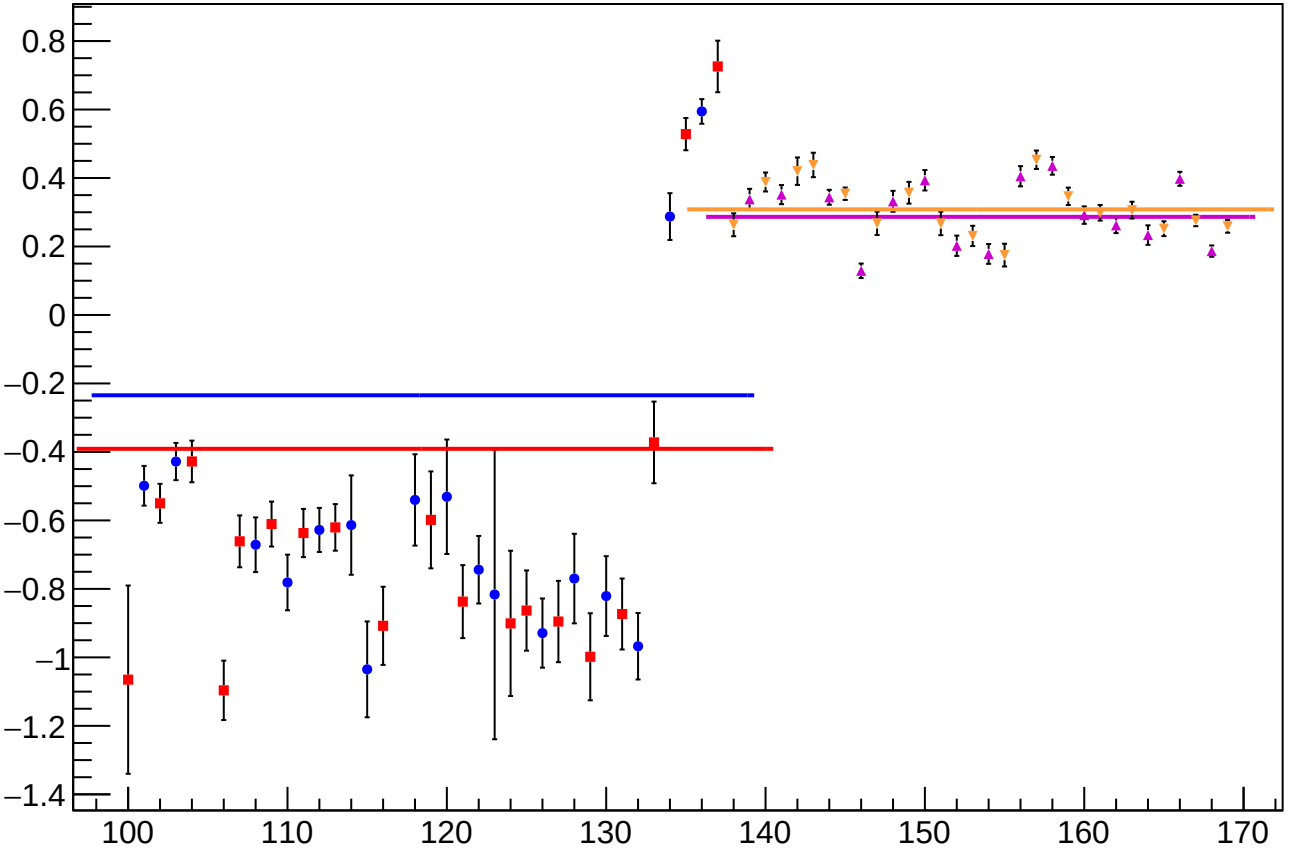
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 3.581+/-0.126 χ^2/NDF:1026.5/31

Out: 3.711+/-0.123 χ^2/NDF:1039.7/35

All: 3.648+/-0.088 χ^2/NDF: 2066.8/67

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: 0.308+/-0.006 χ^2/NDF:114.7/16

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.287+/-0.006 χ^2/NDF:228.0/14

Left: 0.298+/-0.004 χ^2/NDF: 348.8/31

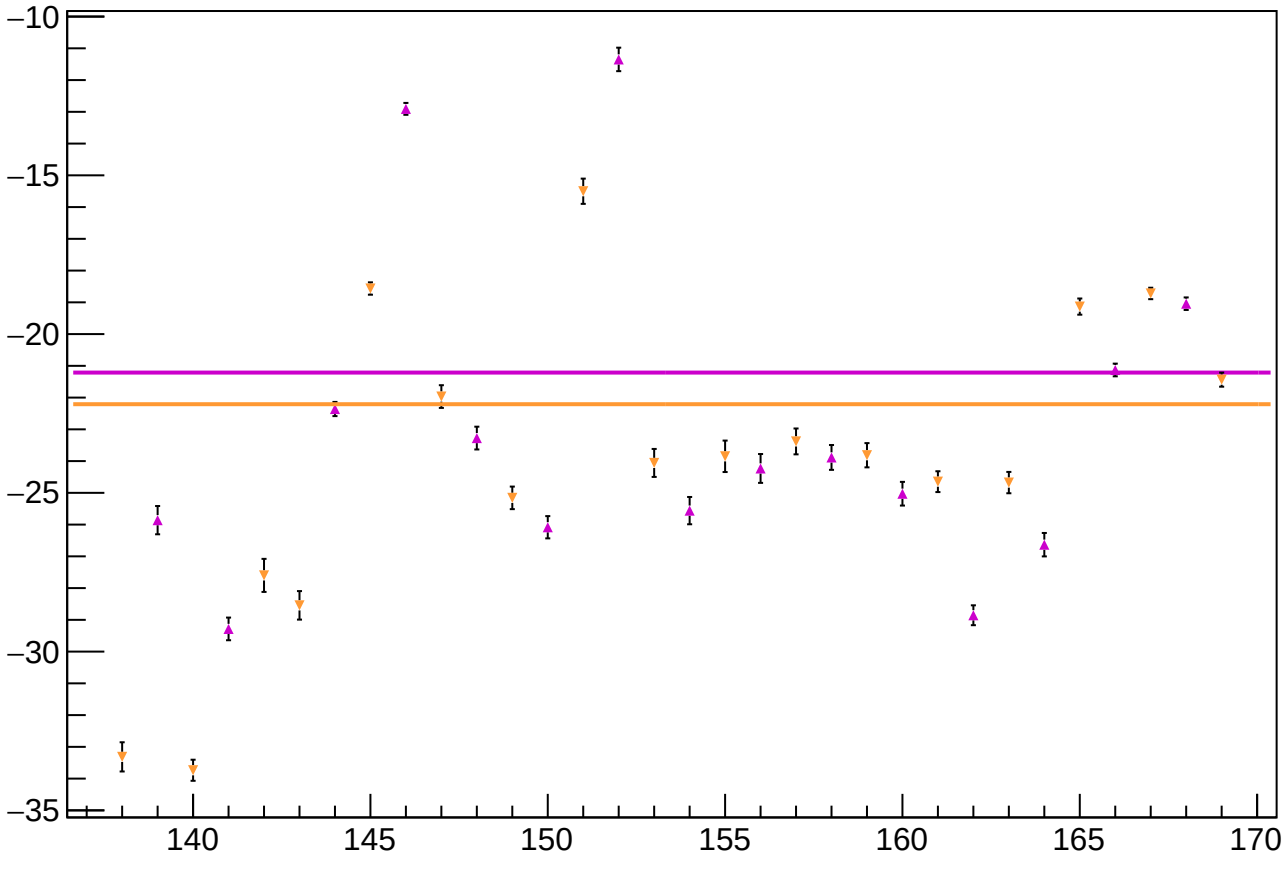
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.233+/-0.006 χ^2/NDF:1871.2/31

Out: 0.242+/-0.006 χ^2/NDF:2199.0/35

All: 0.238+/-0.004 χ^2/NDF: 4071.3/67

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: -22.208+/-0.075 χ^2/NDF:3494.3/16

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

Left In: -21.212+/-0.075 χ^2/NDF:4778.6/14

Left: -21.711+/-0.053 χ^2/NDF: 8360.8/31

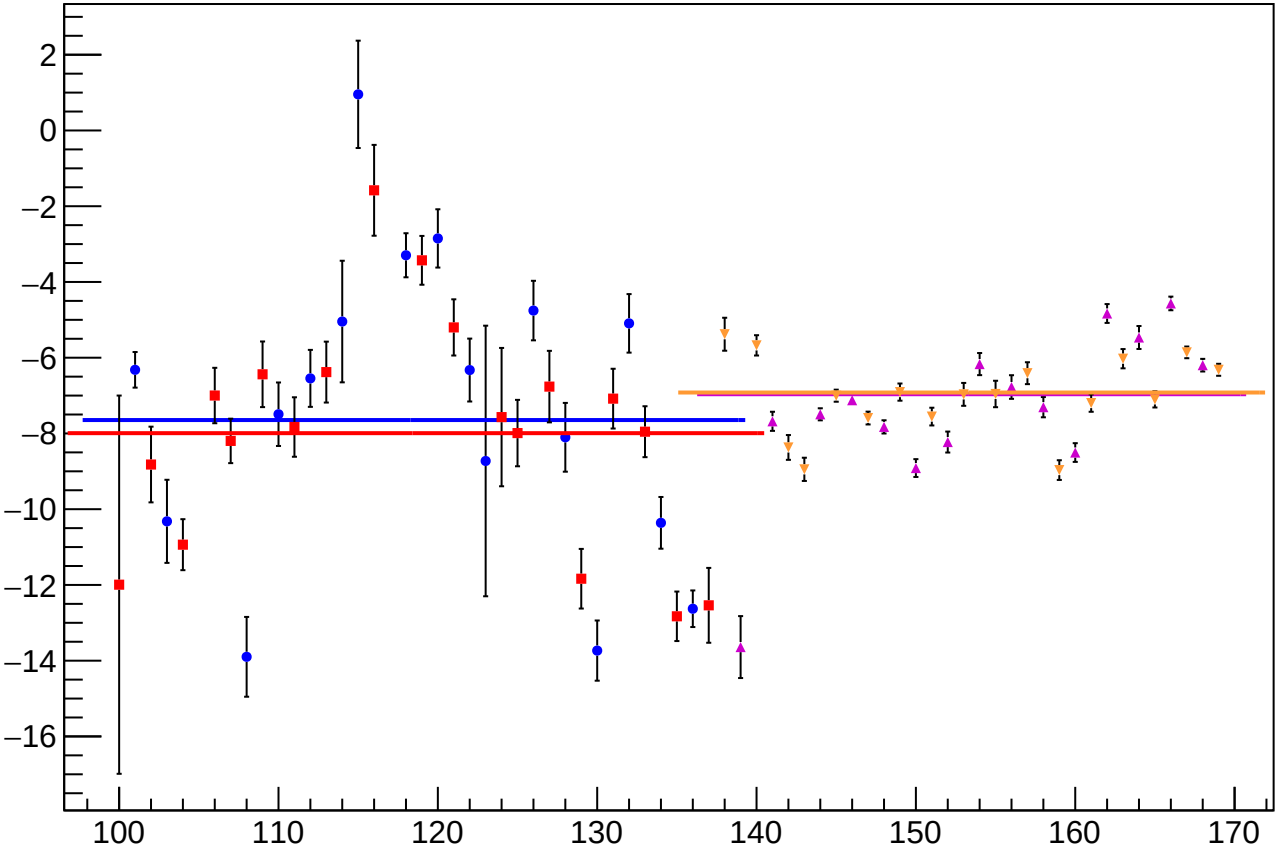
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.212+/-0.075 χ^2/NDF:4778.6/14

Out: -22.208+/-0.075 χ^2/NDF:3494.3/16

All: -21.711+/-0.053 χ^2/NDF: 8360.8/31

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: -6.919+/-0.055 χ^2/NDF:262.0/16

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -6.964+/-0.054 χ^2/NDF:546.1/14

Left: -6.942+/-0.038 χ^2/NDF: 808.4/31

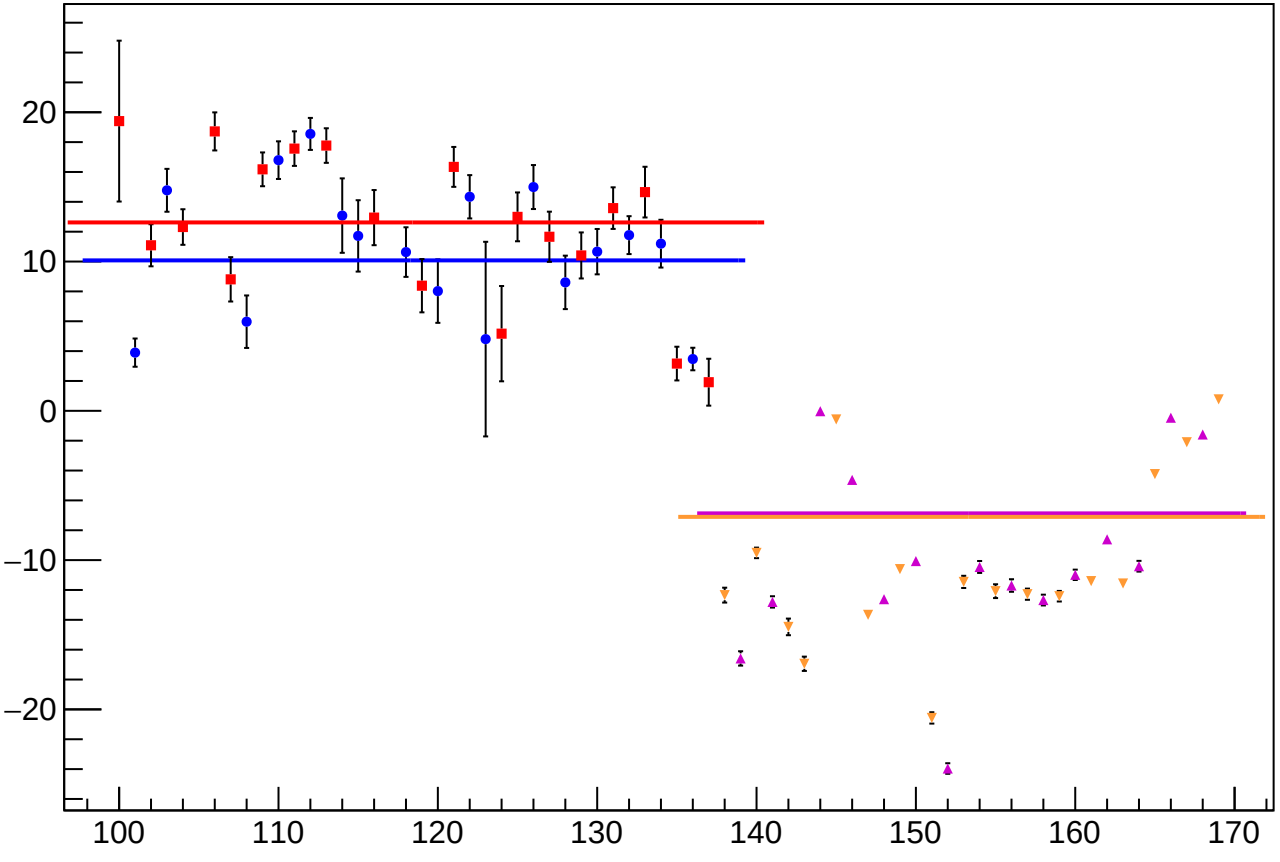
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -7.018+/-0.052 χ^2/NDF:952.2/31

Out: -7.004+/-0.052 χ^2/NDF:518.1/35

All: -7.011+/-0.037 χ^2/NDF: 1470.3/67

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: -7.103+/-0.075 χ^2/NDF:6652.4/16

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -6.870+/-0.074 χ^2/NDF:6774.9/14

Left: -6.986+/-0.053 χ^2/NDF: 13432.2/31

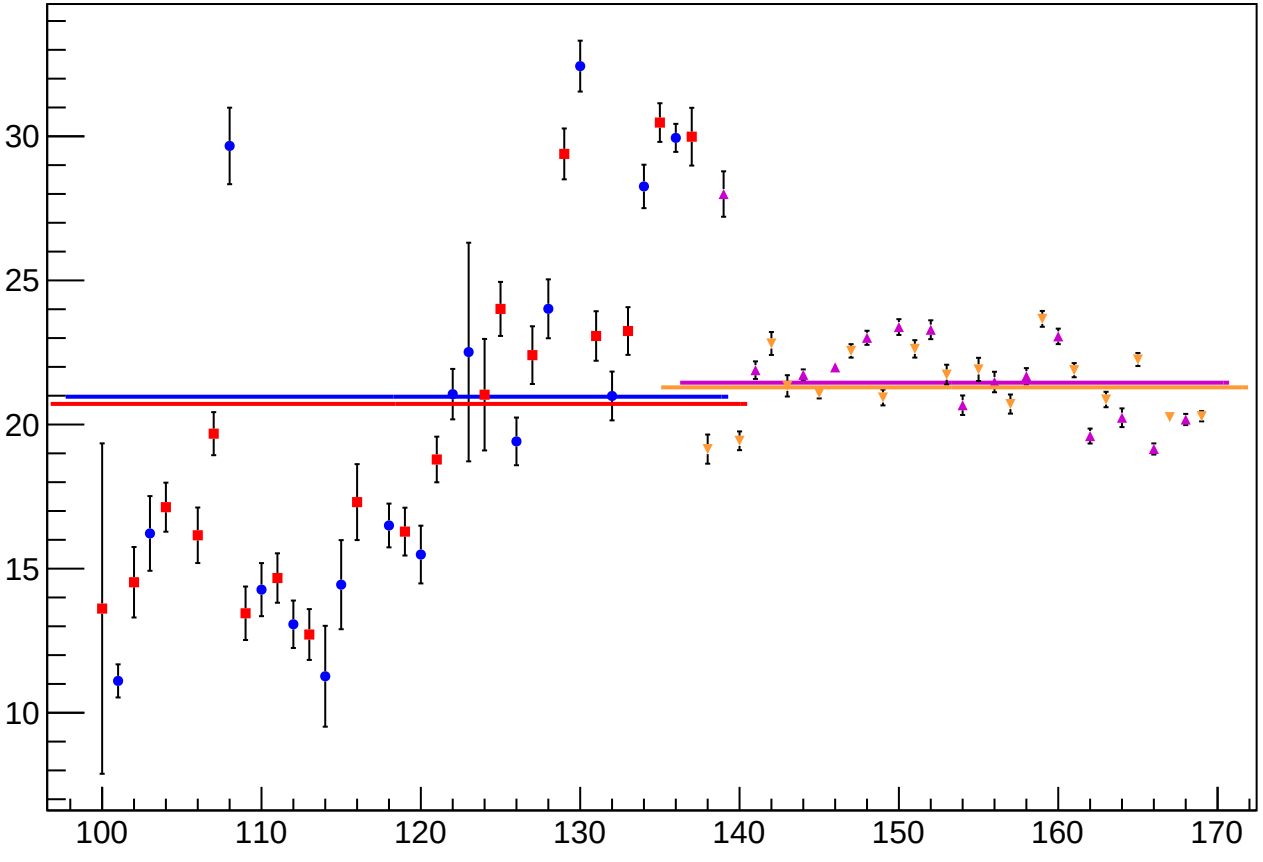
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -6.084+/-0.073 χ^2/NDF:9442.6/31

Out: -6.153+/-0.073 χ^2/NDF:10222.8/35

All: -6.119+/-0.051 χ^2/NDF: 19665.9/67

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: 21.290+/-0.063 χ^2/NDF:294.5/16

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 21.452+/-0.064 χ^2/NDF:500.3/14

Left: 21.370+/-0.045 χ^2/NDF: 798.1/31

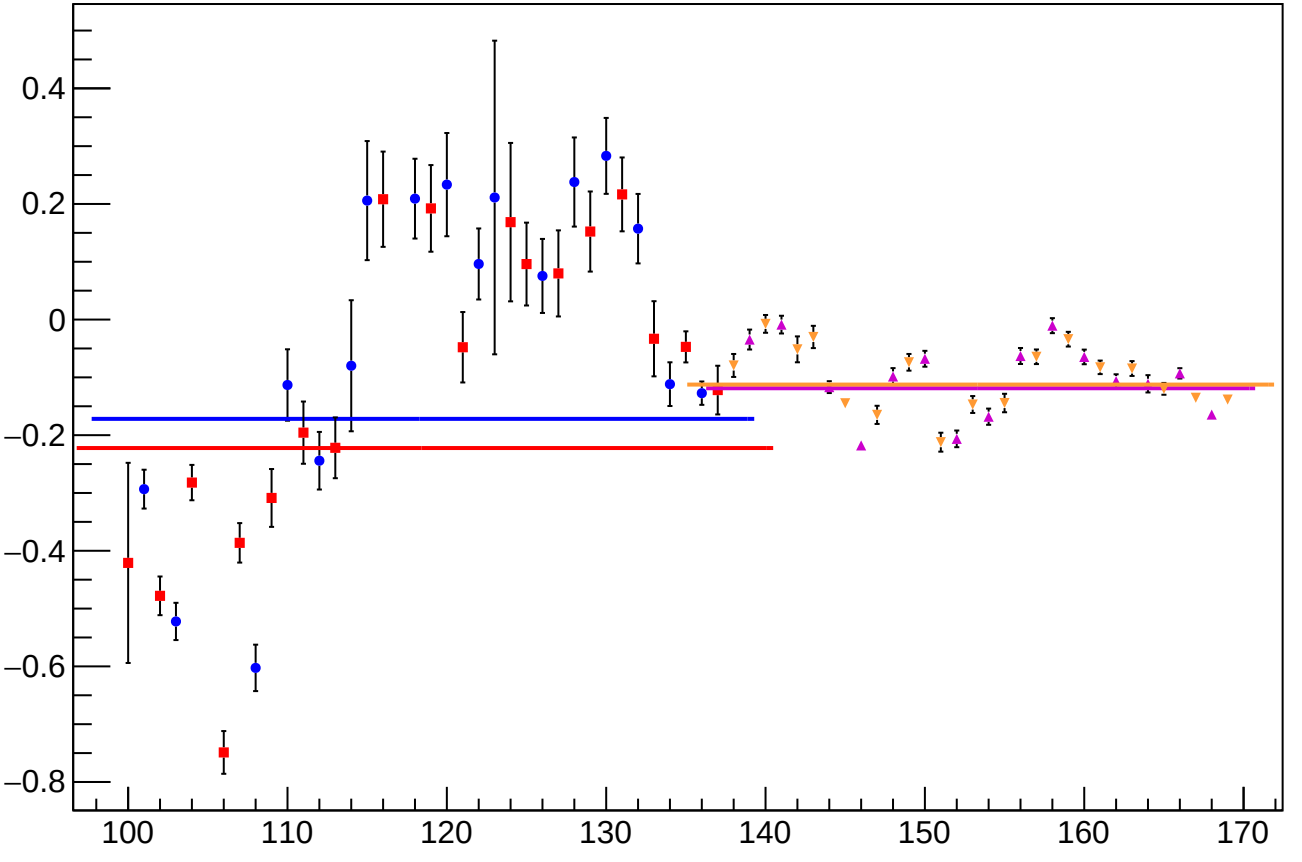
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 21.411+/-0.061 χ^2/NDF:1730.7/31

Out: 21.244+/-0.060 χ^2/NDF:1031.1/35

All: 21.326+/-0.043 χ^2/NDF: 2765.6/67

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:239.3/16

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.119+/-0.003 χ^2/NDF:427.9/14

Left: -0.116+/-0.002 χ^2/NDF: 669.5/31

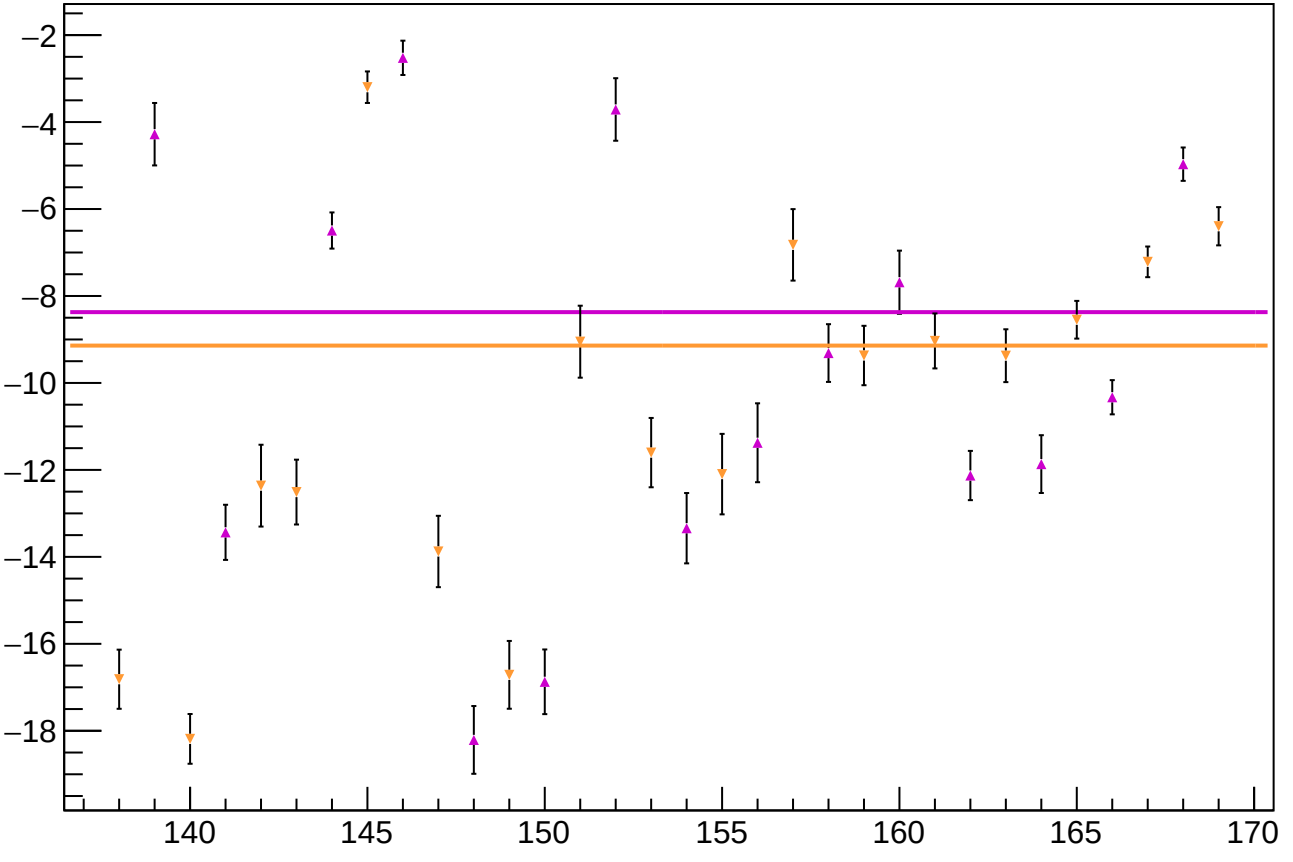
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.122+/-0.003 χ^2/NDF:912.9/31

Out: -0.120+/-0.003 χ^2/NDF:869.3/35

All: -0.121+/-0.002 χ^2/NDF: 1782.6/67

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: -9.141+/-0.141 χ^2/NDF:904.2/16

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

Left In: -8.371+/-0.145 χ^2/NDF:895.3/14

Left: -8.767+/-0.101 χ^2/NDF: 1814.0/31

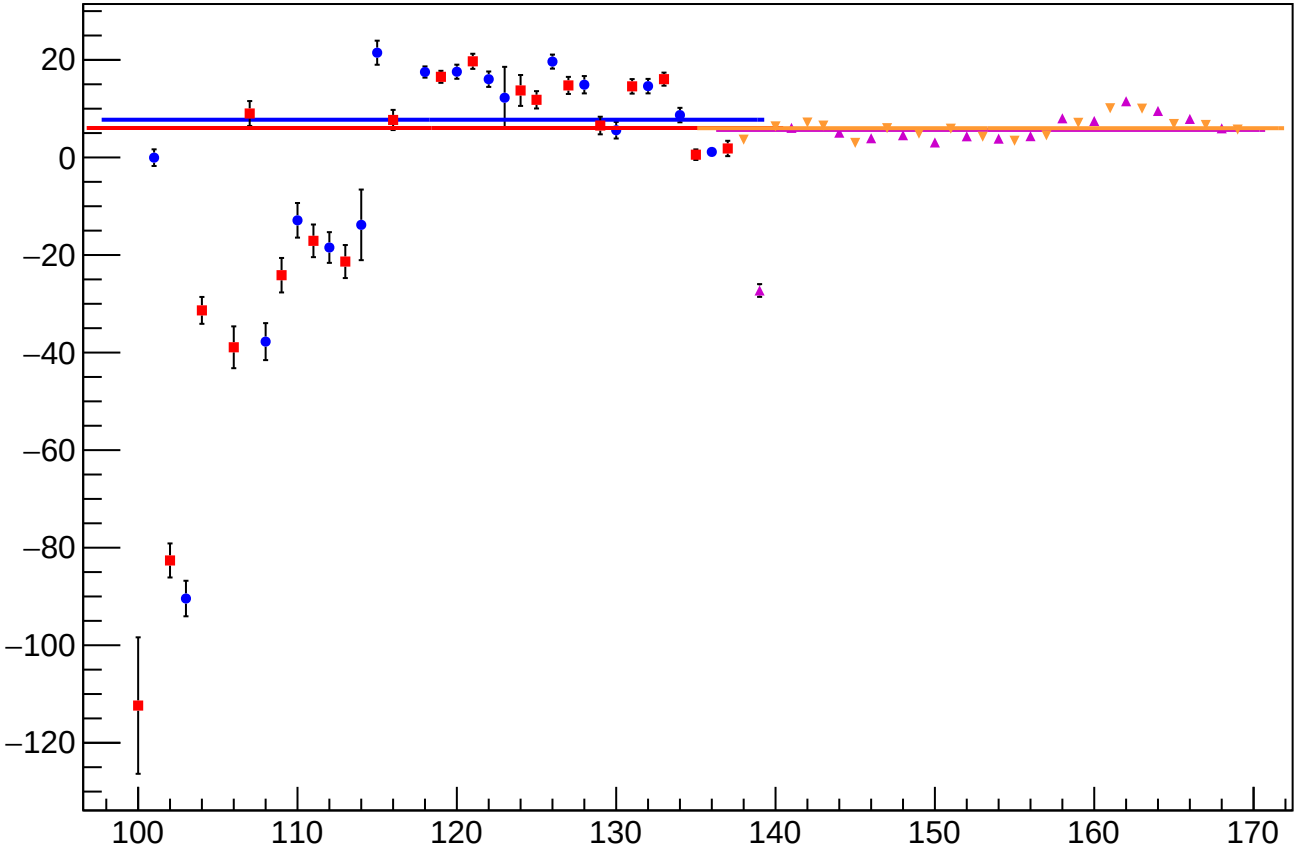
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.371+/-0.145 χ^2/NDF:895.3/14

Out: -9.141+/-0.141 χ^2/NDF:904.2/16

All: -8.767+/-0.101 χ^2/NDF: 1814.0/31

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 5.998+/-0.104 χ^2/NDF:343.1/16

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 5.651+/-0.107 χ^2/NDF:1043.6/14

Left: 5.829+/-0.074 χ^2/NDF: 1392.1/31

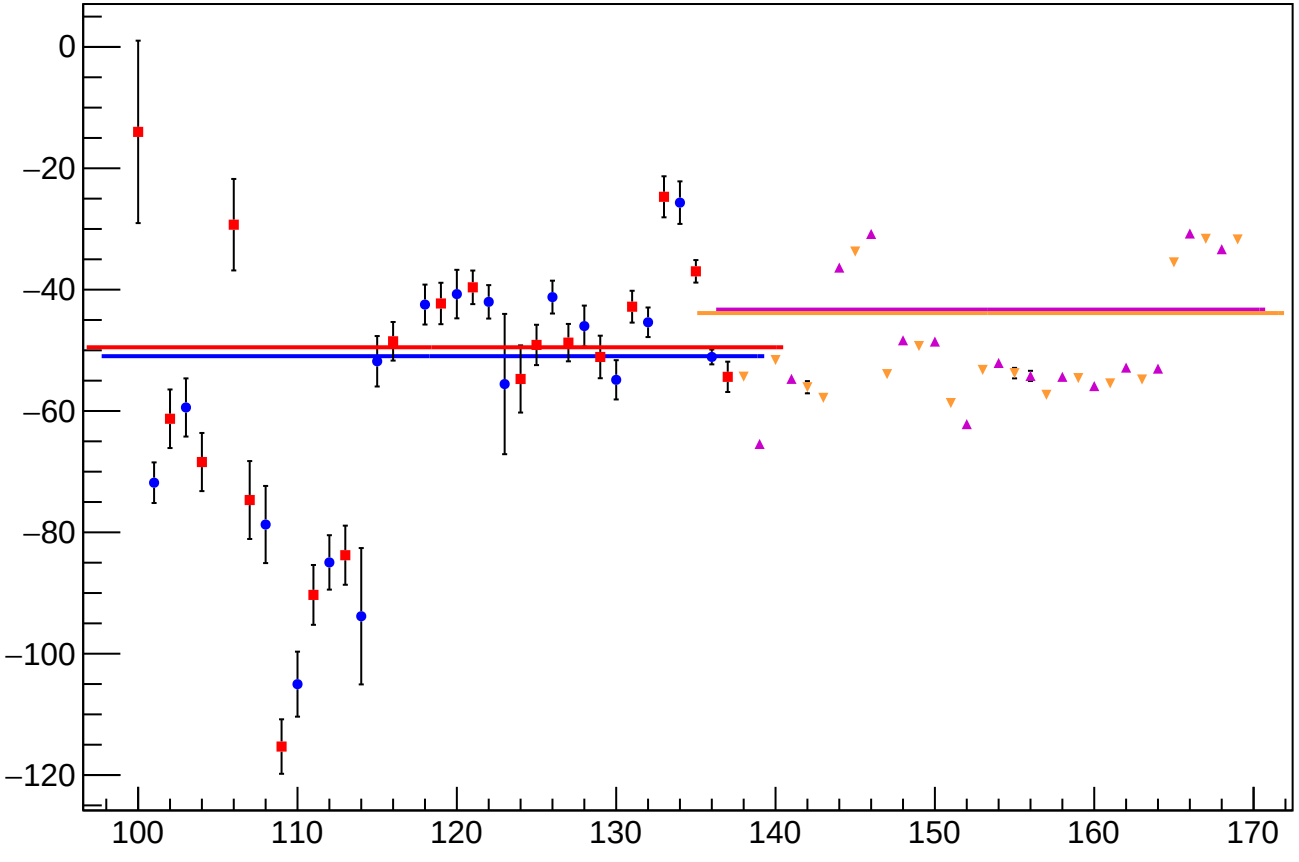
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 5.787+/-0.103 χ^2/NDF:2427.1/31

Out: 6.000+/-0.101 χ^2/NDF:1855.2/35

All: 5.896+/-0.072 χ^2/NDF: 4284.5/67

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: -43.859+/-0.141 χ^2/NDF:5984.1/16

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -43.288+/-0.144 χ^2/NDF:6429.7/14

Left: -43.579+/-0.101 χ^2/NDF: 12421.8/31

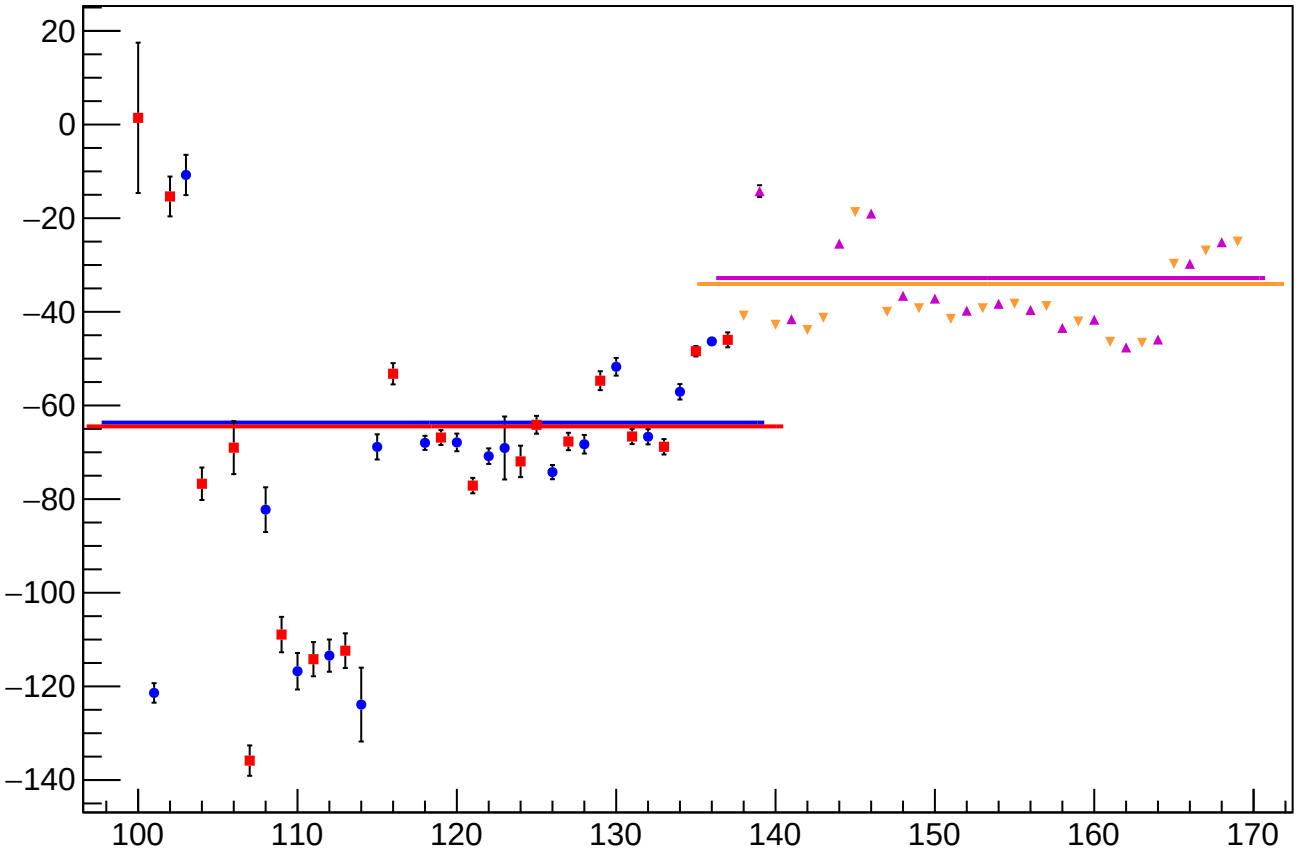
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -43.568+/-0.141 χ^2/NDF:6866.7/31

Out: -44.030+/-0.139 χ^2/NDF:6543.0/35

All: -43.803+/-0.099 χ^2/NDF: 13415.1/67

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -34.048+/-0.119 χ^2/NDF:6128.7/16

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -32.781+/-0.124 χ^2/NDF:5980.3/14

Left: -33.441+/-0.086 χ^2/NDF: 12163.4/31

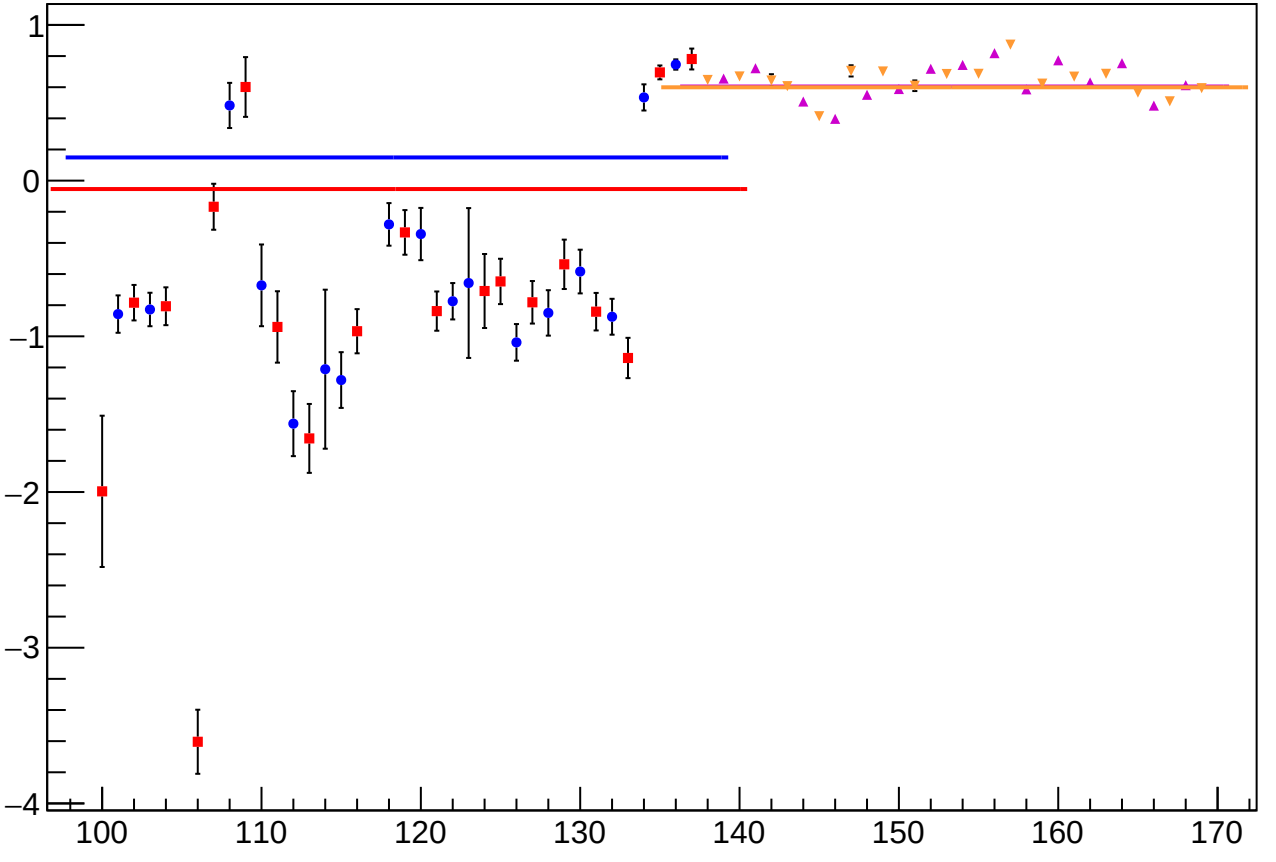
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -35.001+/-0.119 χ^2/NDF:12455.3/31

Out: -35.790+/-0.115 χ^2/NDF:11483.3/35

All: -35.409+/-0.083 χ^2/NDF: 23961.2/67

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: 0.599+/-0.006 χ^2/NDF:379.6/16

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.605+/-0.006 χ^2/NDF:418.3/14

Left: 0.602+/-0.004 χ^2/NDF: 798.3/31

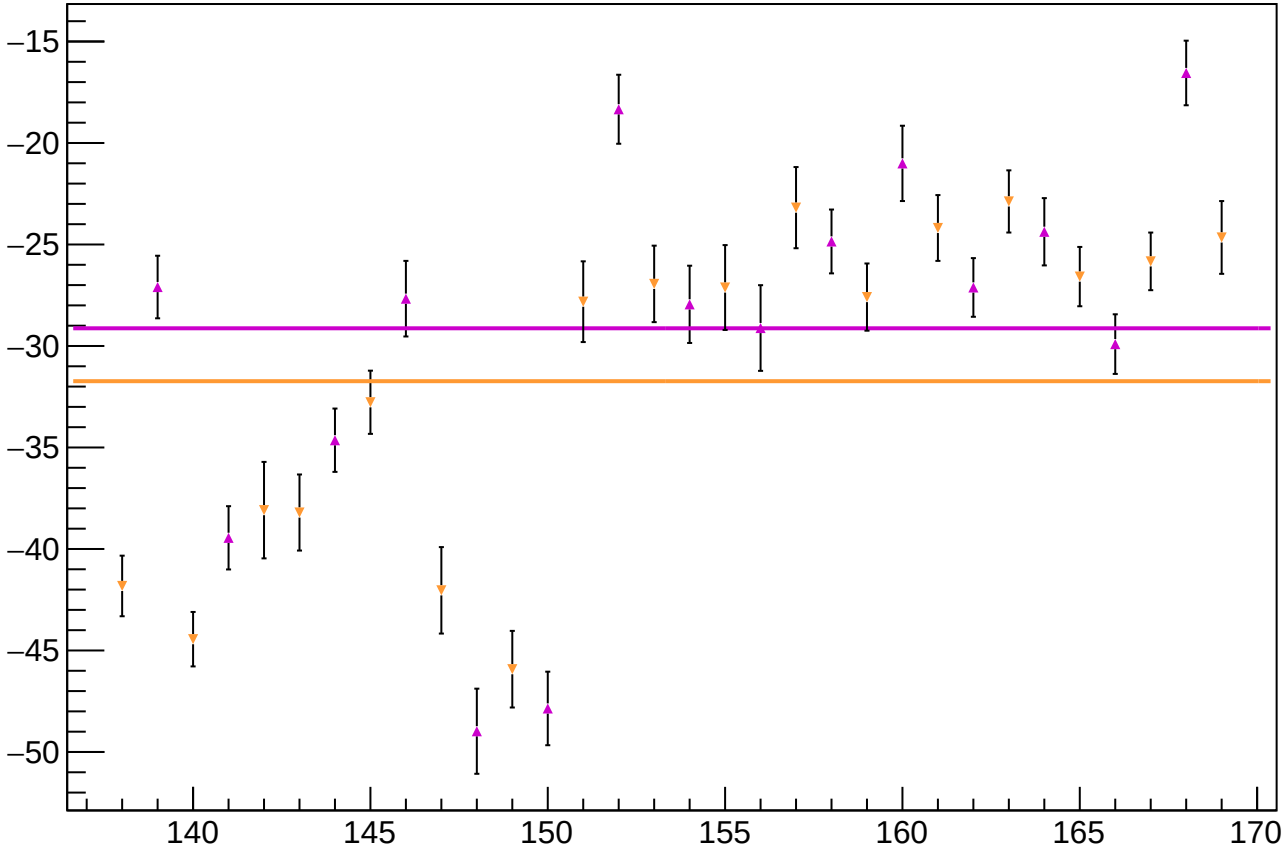
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.579+/-0.006 χ^2/NDF:1749.5/31

Out: 0.571+/-0.005 χ^2/NDF:2143.0/35

All: 0.575+/-0.004 χ^2/NDF: 3893.4/67

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: -31.734+/-0.414 χ^2/NDF:375.1/16

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

Left In: -29.128+/-0.434 χ^2/NDF:395.4/14

Left: -30.494+/-0.299 χ^2/NDF: 789.3/31

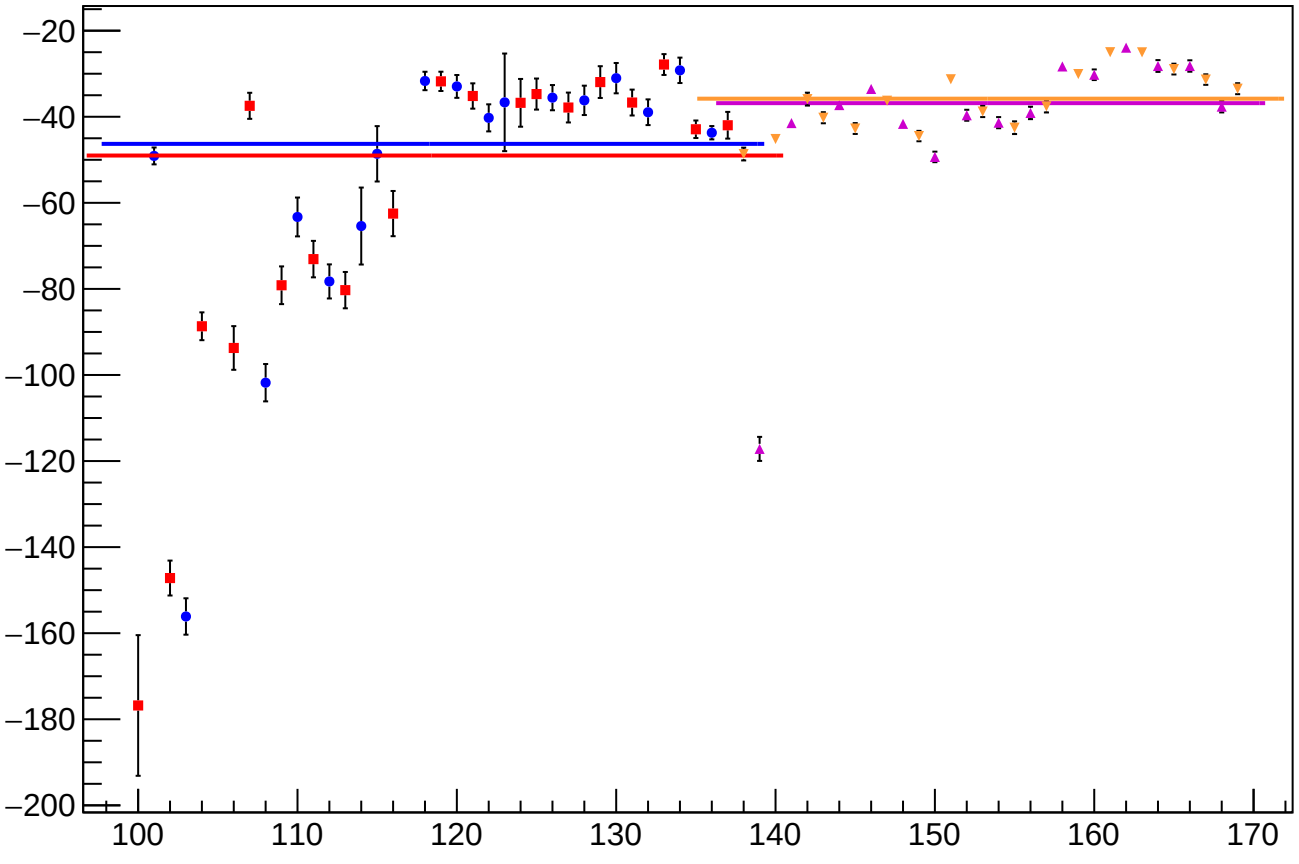
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.128+/-0.434 χ^2/NDF:395.4/14

Out: -31.734+/-0.414 χ^2/NDF:375.1/16

All: -30.494+/-0.299 χ^2/NDF: 789.3/31

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: -35.798+/-0.300 χ^2/NDF:532.0/16

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -36.838+/-0.321 χ^2/NDF:1297.0/14

Left: -36.283+/-0.219 χ^2/NDF: 1834.6/31

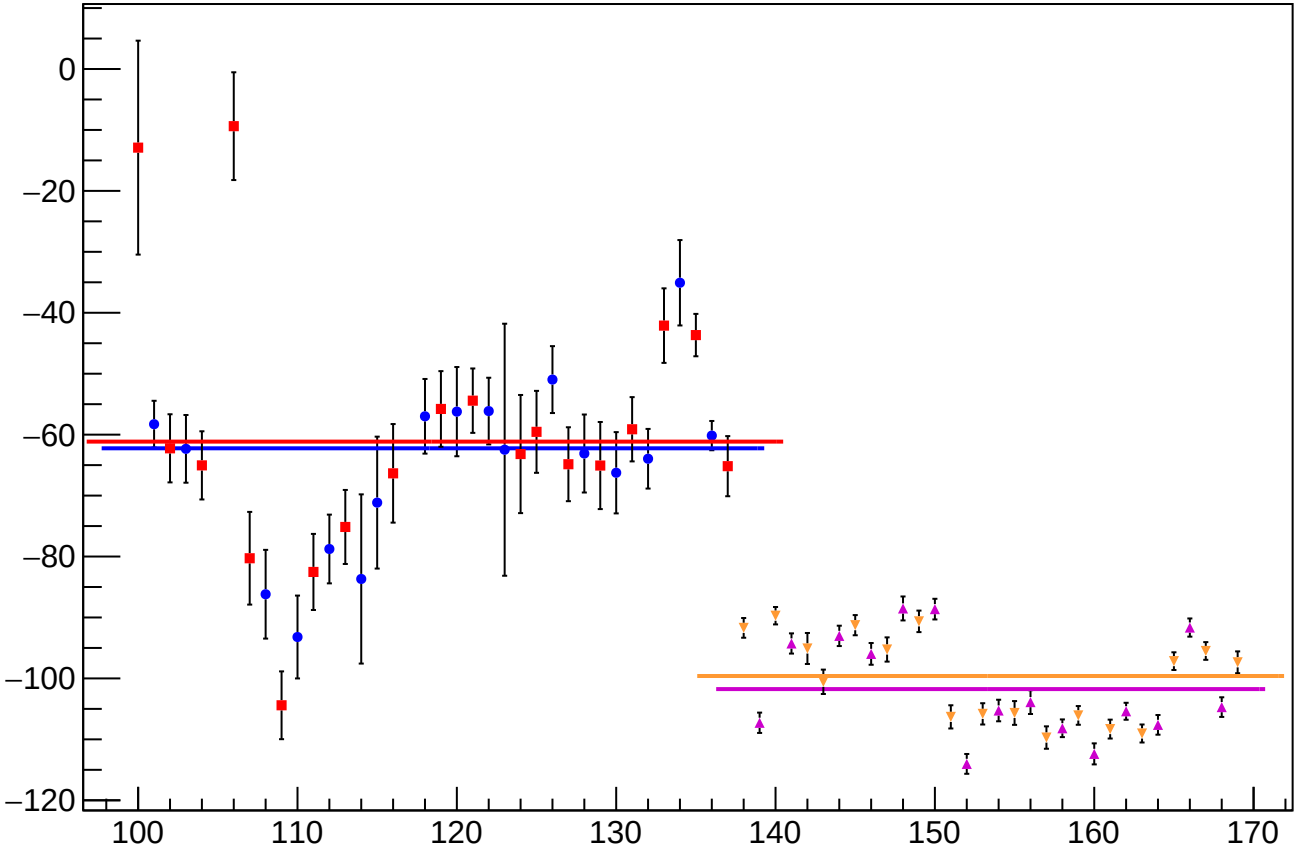
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -38.393+/-0.293 χ^2/NDF:2524.2/31

Out: -37.565+/-0.279 χ^2/NDF:2062.8/35

All: -37.959+/-0.202 χ^2/NDF: 4591.2/67

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: -99.605+/-0.410 χ^2/NDF:298.6/16

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -101.751+/-0.426 χ^2/NDF:363.4/14

Left: -100.638+/-0.296 χ^2/NDF: 675.1/31

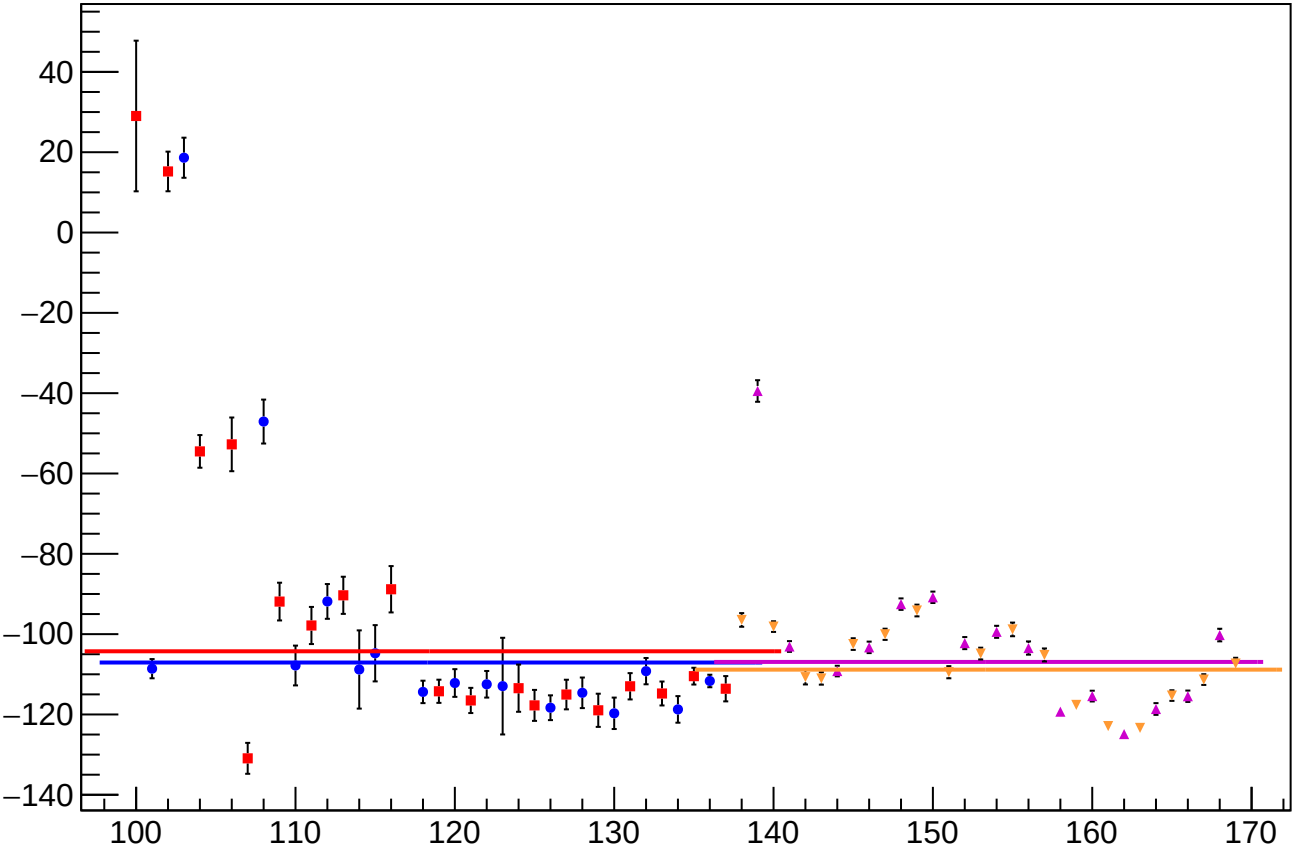
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -97.972+/-0.405 χ^2/NDF:1253.2/31

Out: -96.477+/-0.393 χ^2/NDF:1178.4/35

All: -97.203+/-0.282 χ^2/NDF: 2438.6/67

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: -108.841+/-0.345 χ^2/NDF:686.0/16

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -106.920+/-0.368 χ^2/NDF:1415.7/14

Left: -107.941+/-0.252 χ^2/NDF: 2116.1/31

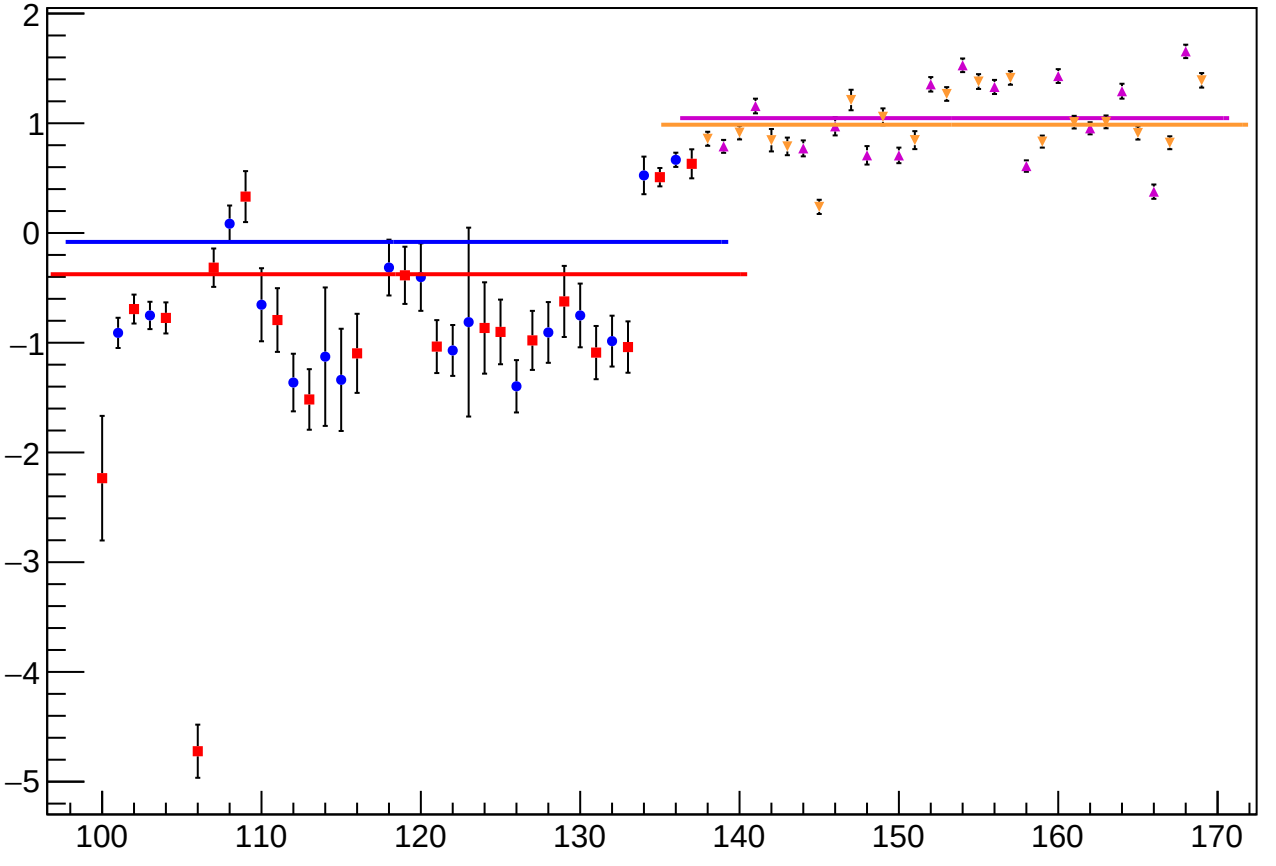
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -106.945+/-0.335 χ^2/NDF:2244.0/31

Out: -108.207+/-0.321 χ^2/NDF:1728.9/35

All: -107.604+/-0.232 χ^2/NDF: 3980.3/67

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: 0.987+/-0.016 χ^2/NDF:312.1/16

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 1.047+/-0.017 χ^2/NDF:504.7/14

Left: 1.016+/-0.012 χ^2/NDF: 823.4/31

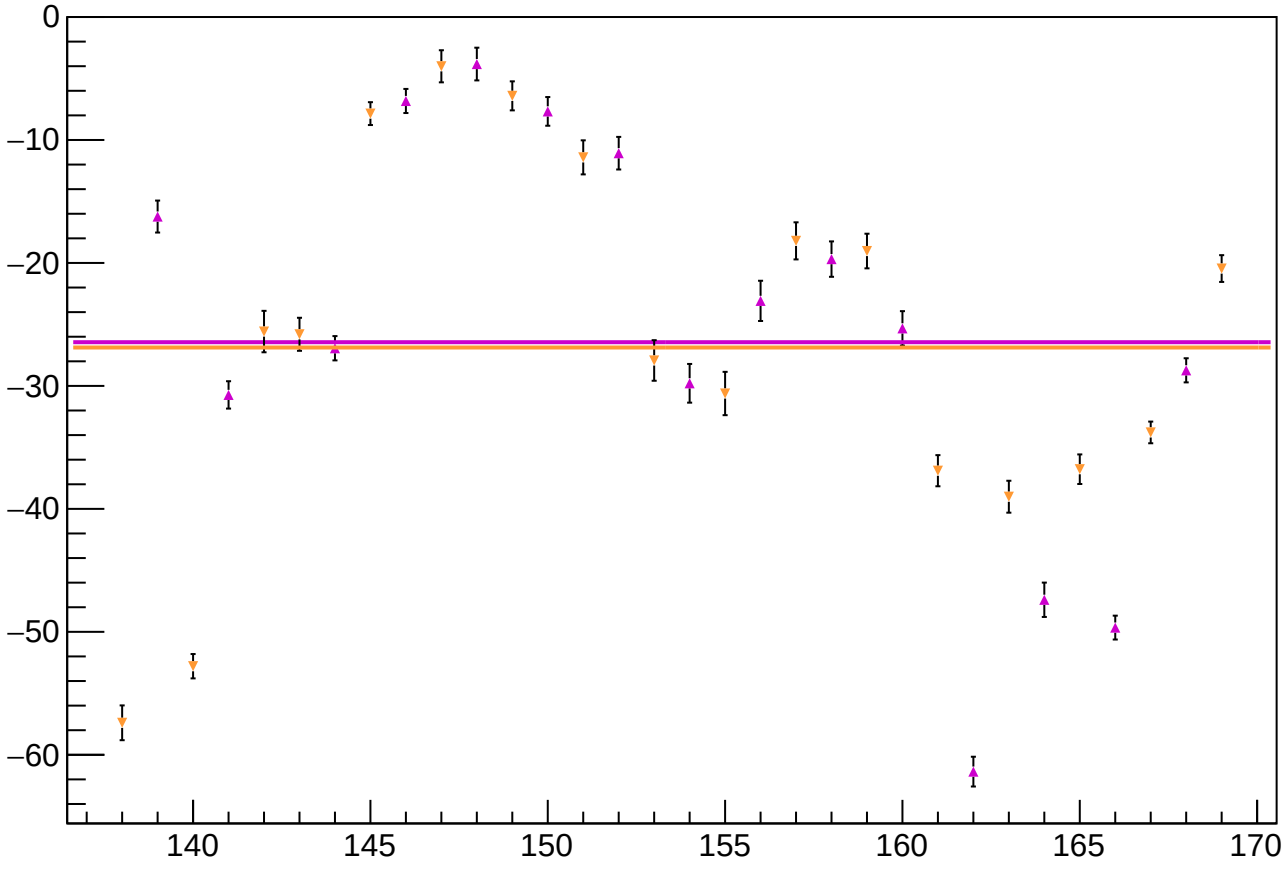
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.894+/-0.016 χ^2/NDF:1452.2/31

Out: 0.826+/-0.015 χ^2/NDF:1745.1/35

All: 0.859+/-0.011 χ^2/NDF: 3207.2/67

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -26.877+/-0.300 χ^2/NDF:2686.1/16

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

Left In: -26.446+/-0.310 χ^2/NDF:2825.8/14

Left: -26.668+/-0.216 χ^2/NDF: 5512.9/31

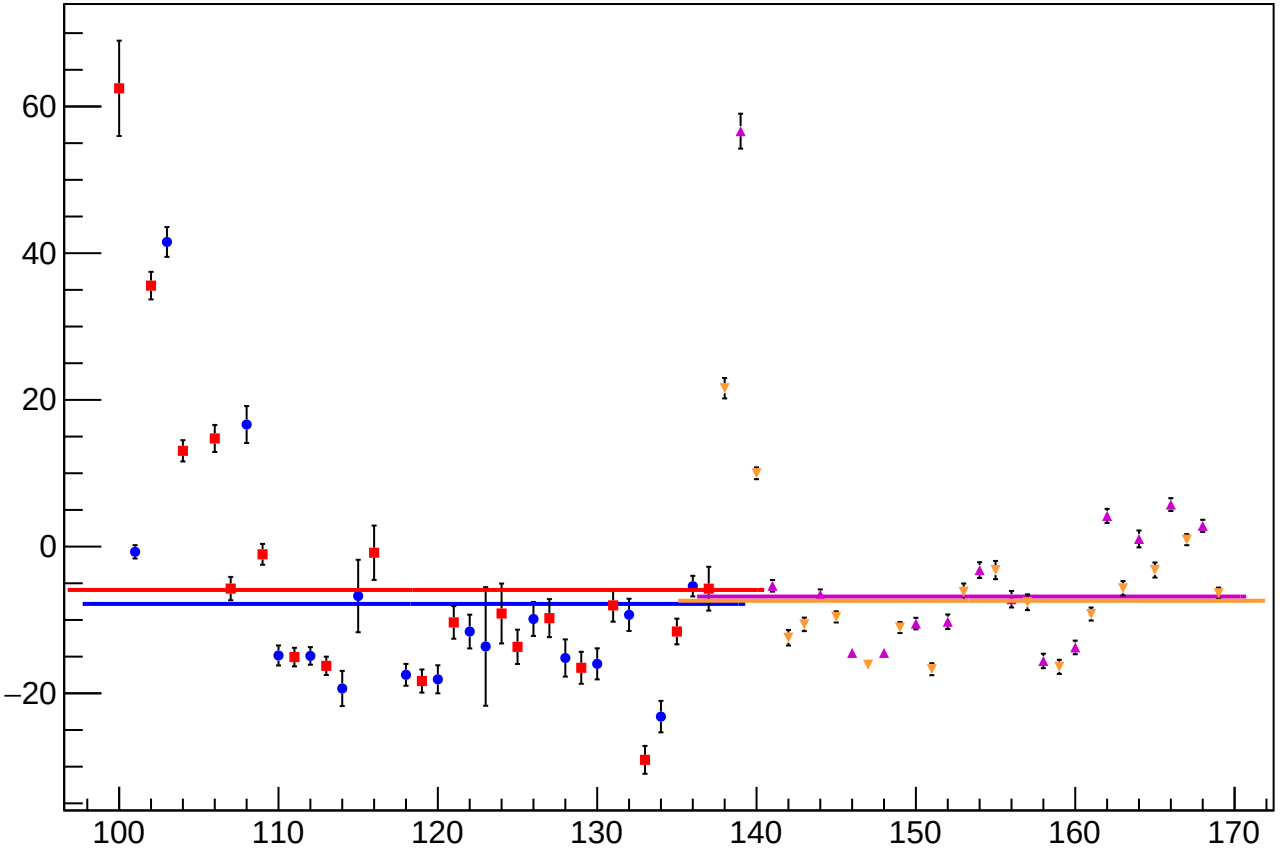
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -26.446+/-0.310 χ^2/NDF:2825.8/14

Out: -26.877+/-0.300 χ^2/NDF:2686.1/16

All: -26.668+/-0.216 χ^2/NDF: 5512.9/31

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: -7.380+/-0.215 χ^2/NDF:1533.2/16

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -6.812+/-0.225 χ^2/NDF:1703.8/14

Left: -7.108+/-0.155 χ^2/NDF: 3240.3/31

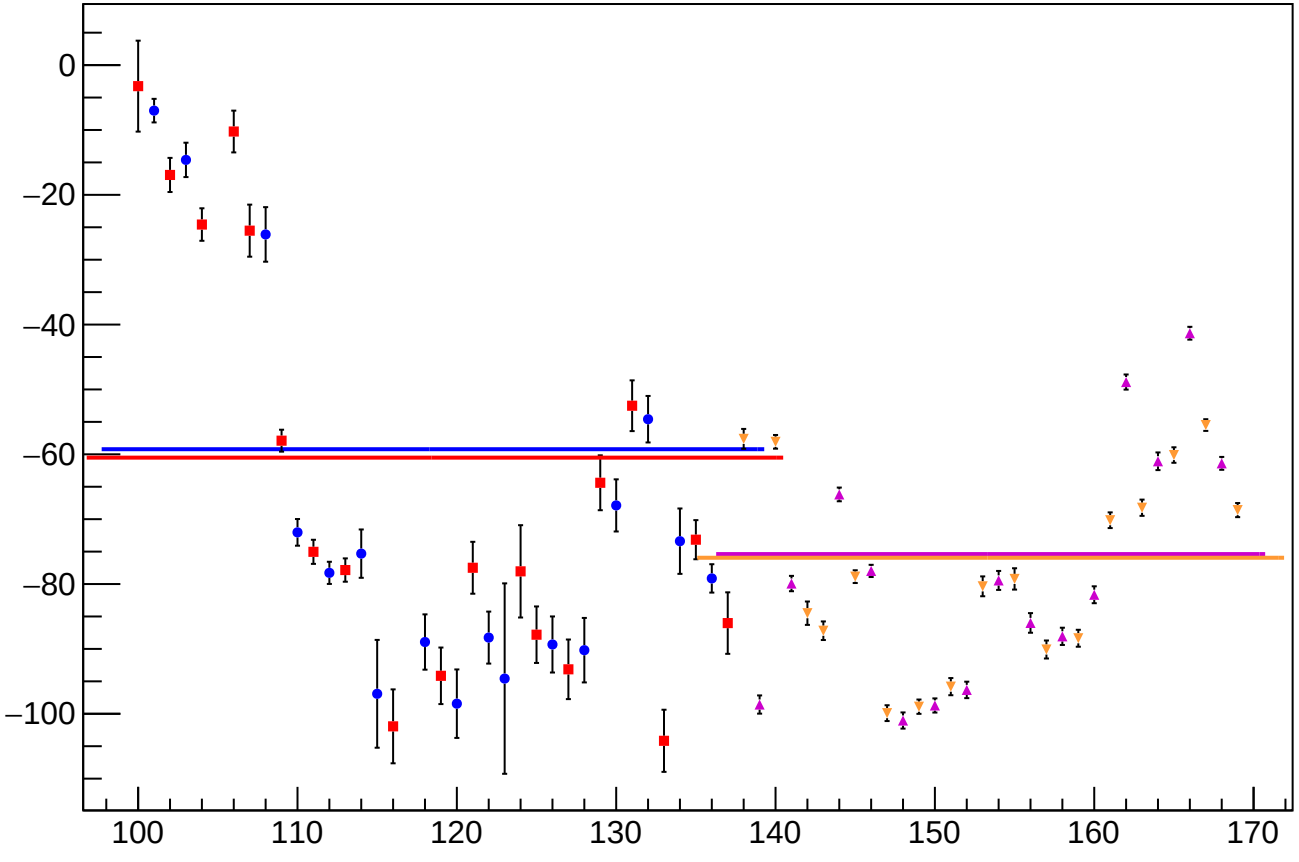
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -7.028+/-0.199 χ^2/NDF:2690.9/31

Out: -7.085+/-0.192 χ^2/NDF:2835.6/35

All: -7.058+/-0.138 χ^2/NDF: 5526.6/67

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: -75.947+/-0.299 χ^2/NDF:2569.6/16

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -75.381+/-0.305 χ^2/NDF:3707.4/14

Left: -75.670+/-0.214 χ^2/NDF: 6278.8/31

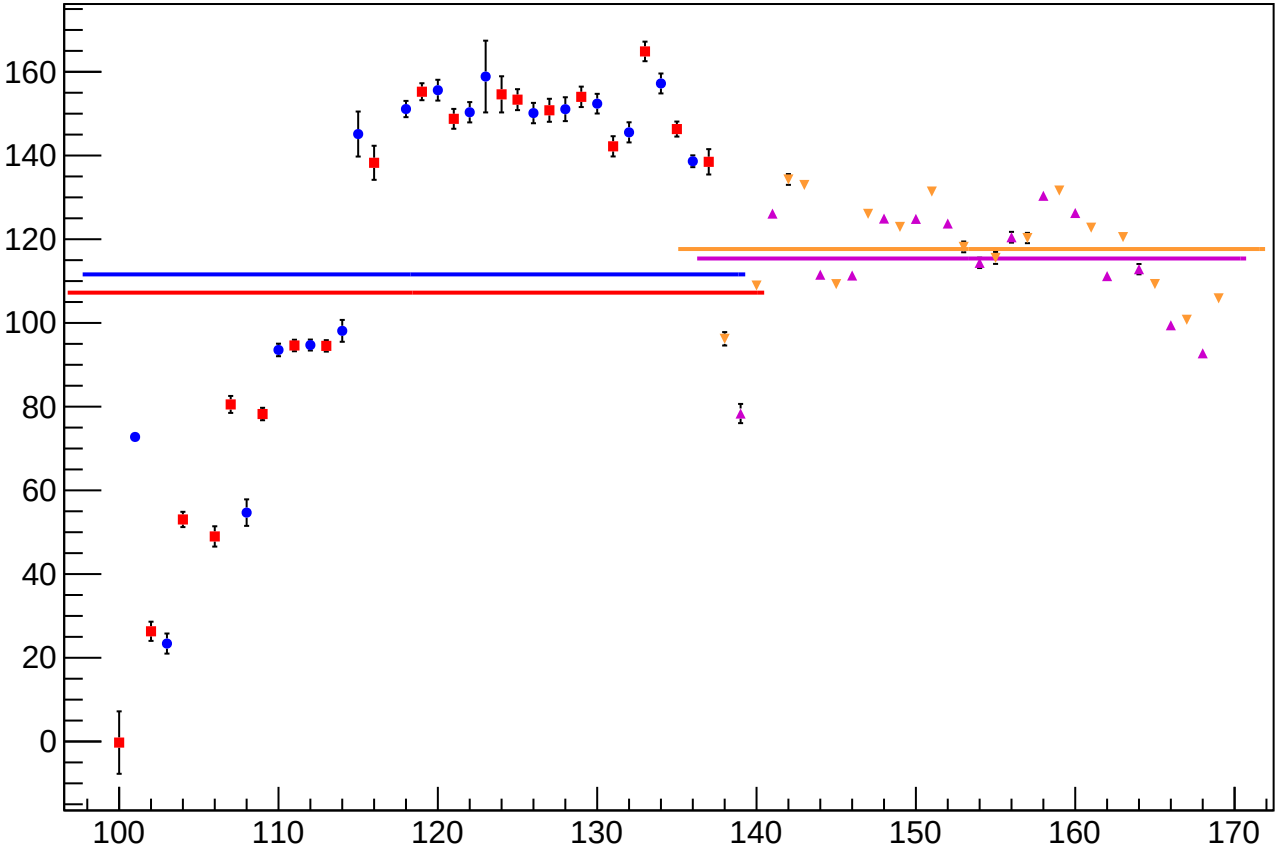
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -73.048+/-0.283 χ^2/NDF:5832.1/31

Out: -73.594+/-0.275 χ^2/NDF:4360.7/35

All: -73.329+/-0.197 χ^2/NDF: 10194.8/67

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: 117.659+/-0.250 χ^2/NDF:1898.7/16

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 115.395+/-0.262 χ^2/NDF:1905.3/14

Left: 116.580+/-0.181 χ^2/NDF: 3843.1/31

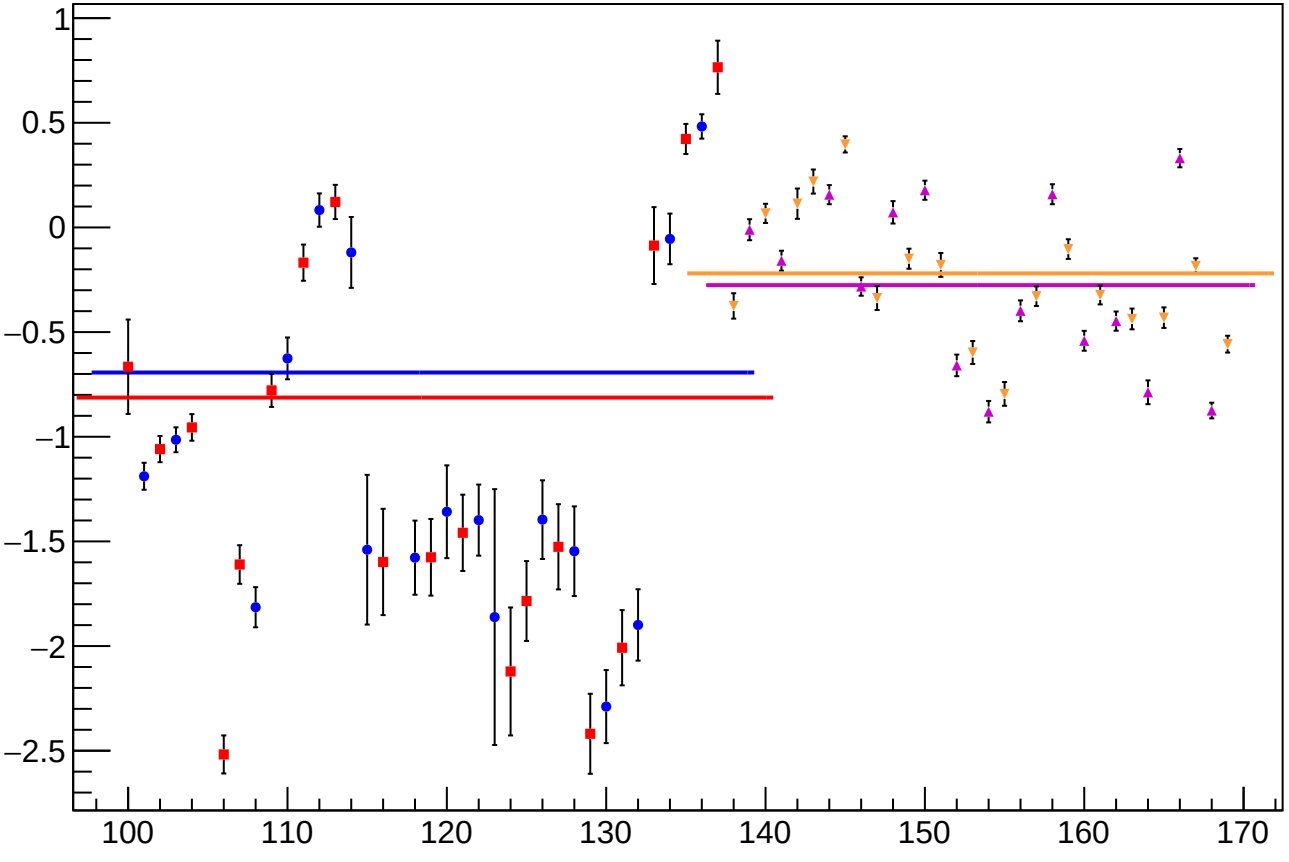
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 114.542+/-0.231 χ^2/NDF:7912.0/31

Out: 115.491+/-0.222 χ^2/NDF:9297.7/35

All: 115.033+/-0.160 χ^2/NDF: 17218.5/67

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: -0.220+/-0.012 χ^2/NDF:663.6/16

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.276+/-0.012 χ^2/NDF:1123.8/14

Left: -0.247+/-0.008 χ^2/NDF: 1798.3/31

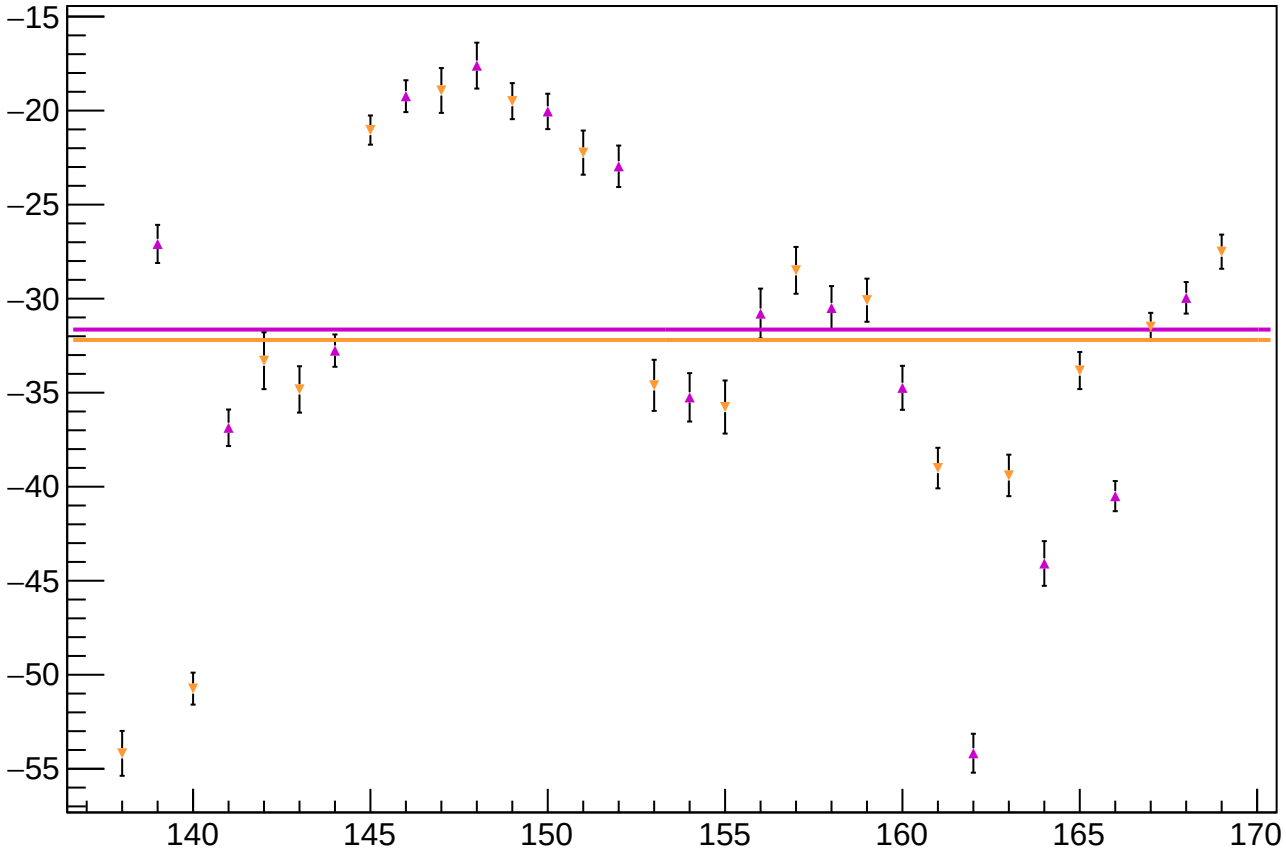
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.352+/-0.011 χ^2/NDF:2331.3/31

Out: -0.332+/-0.011 χ^2/NDF:2455.6/35

All: -0.342+/-0.008 χ^2/NDF: 4788.6/67

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: -32.197+/-0.254 χ^2/NDF:1532.7/16

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

Left In: -31.644+/-0.261 χ^2/NDF:1337.6/14

Left: -31.928+/-0.182 χ^2/NDF: 2872.6/31

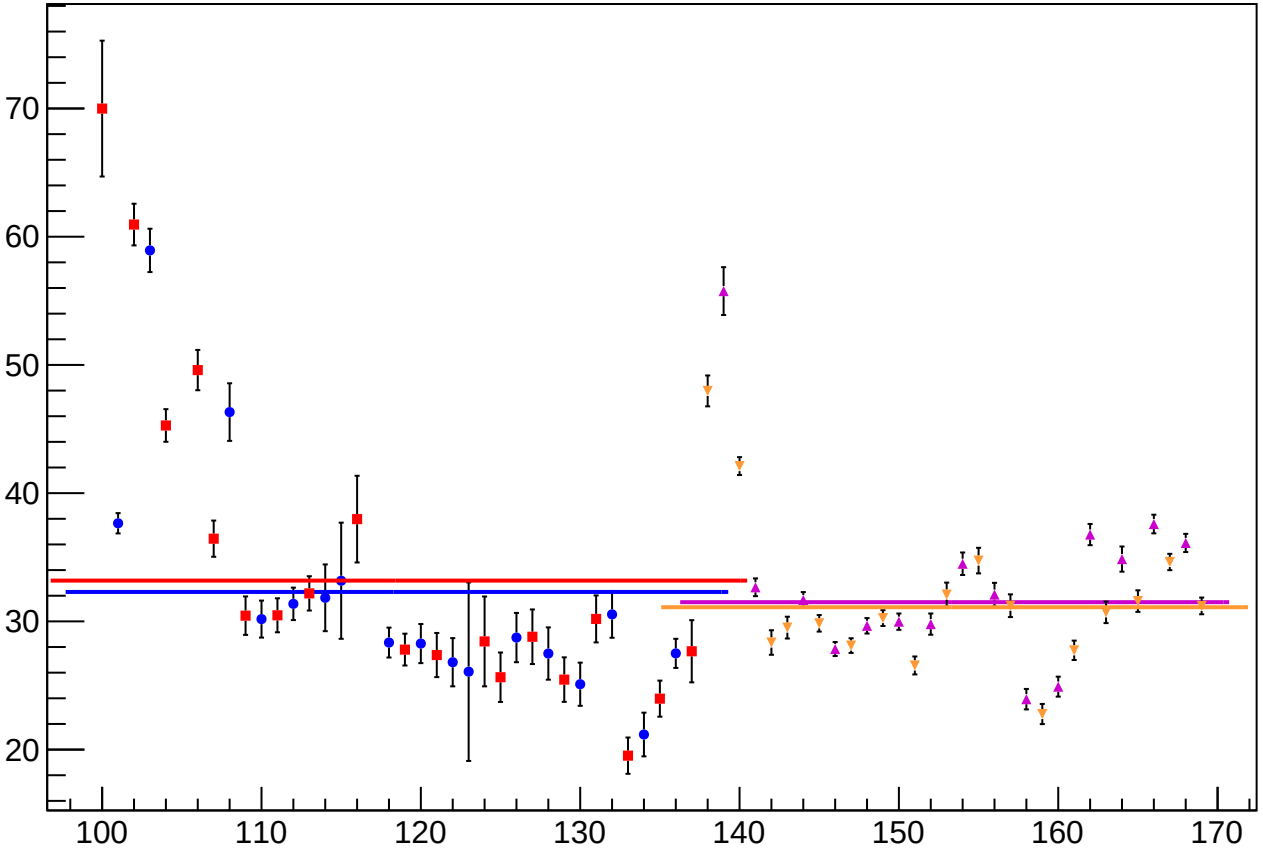
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.644+/-0.261 χ^2/NDF:1337.6/14

Out: -32.197+/-0.254 χ^2/NDF:1532.7/16

All: -31.928+/-0.182 χ^2/NDF: 2872.6/31

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: 31.104+/-0.183 χ^2/NDF:709.9/16

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 31.497+/-0.192 χ^2/NDF:574.8/14

Left: 31.291+/-0.133 χ^2/NDF: 1286.9/31

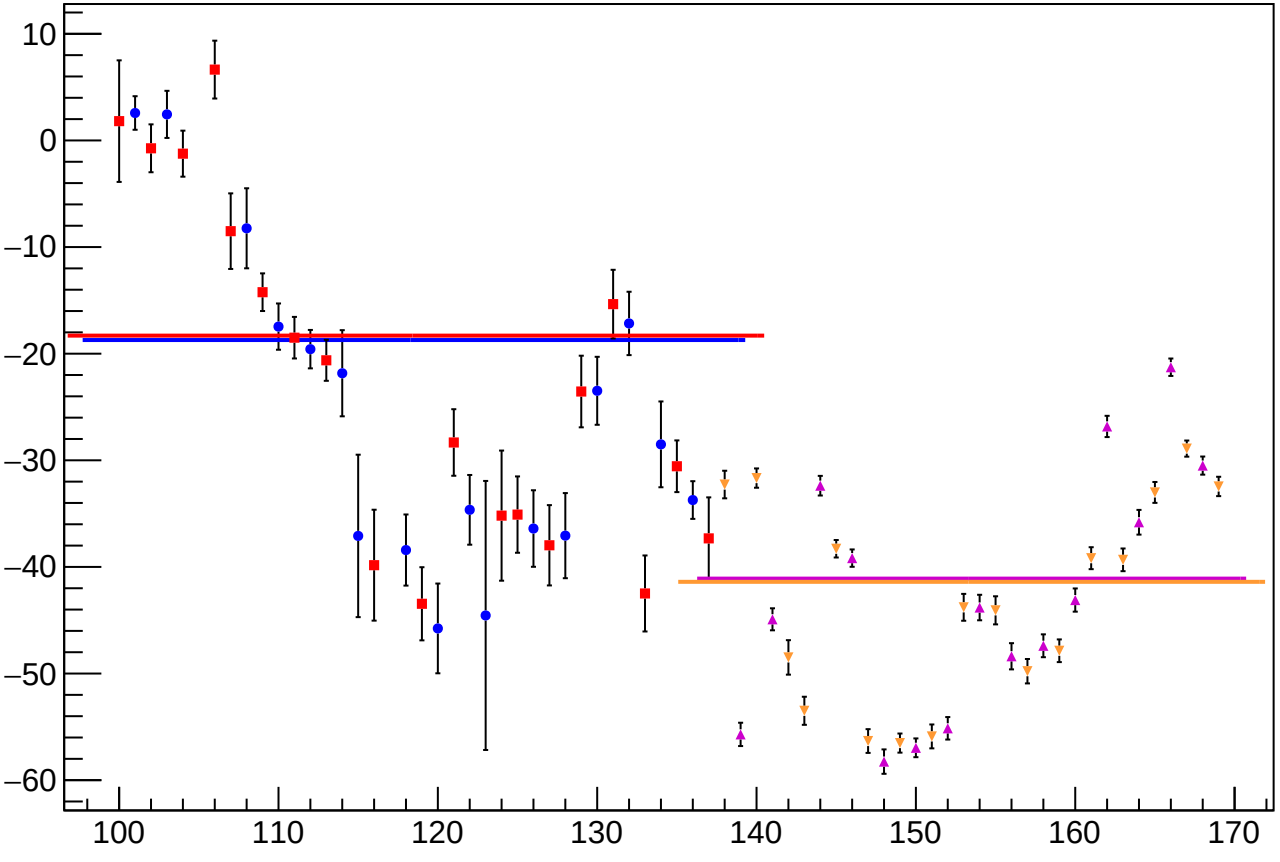
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 31.664+/-0.171 χ^2/NDF:1030.7/31

Out: 31.497+/-0.165 χ^2/NDF:1504.5/35

All: 31.578+/-0.119 χ^2/NDF: 2535.6/67

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: -41.397+/-0.252 χ^2/NDF:1464.8/16

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -41.097+/-0.257 χ^2/NDF:2063.8/14

Left: -41.250+/-0.180 χ^2/NDF: 3529.4/31

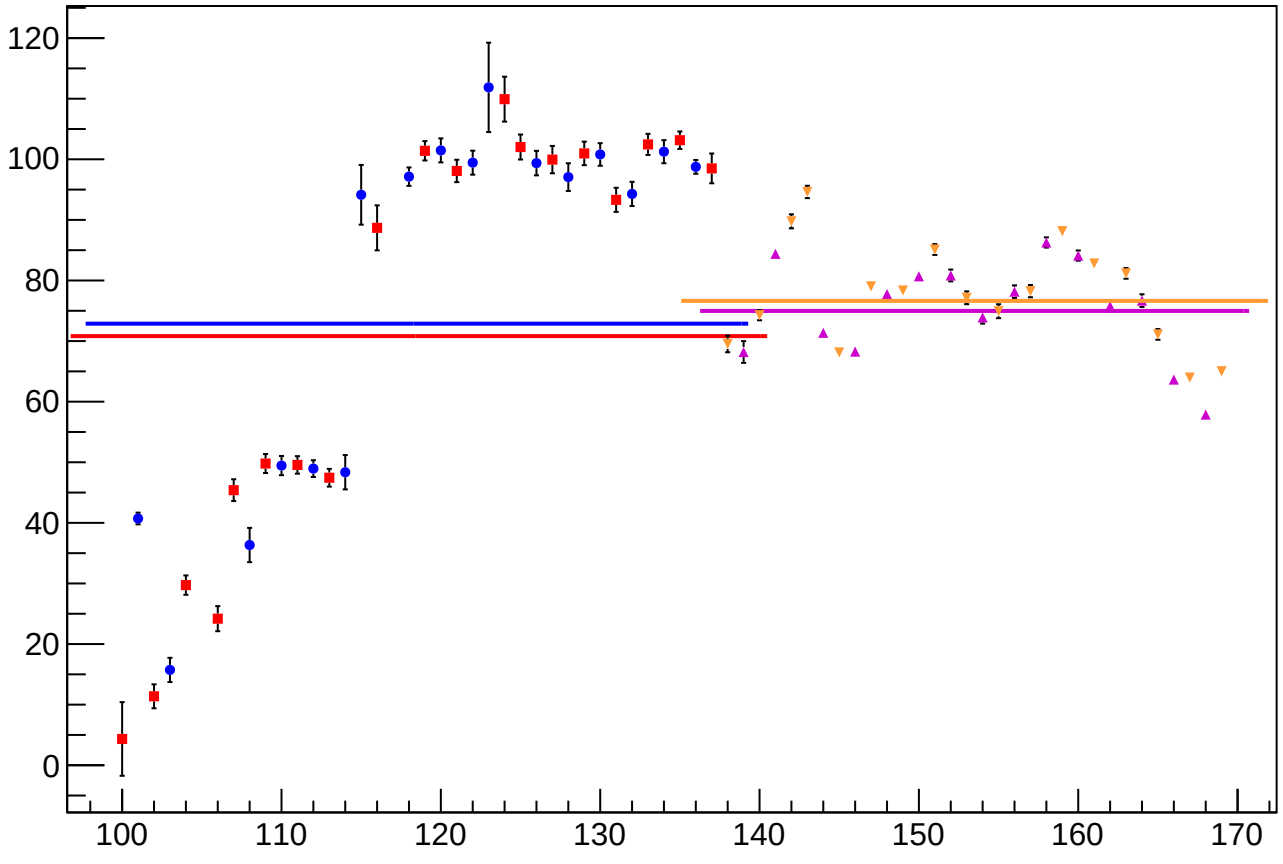
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -38.190+/-0.240 χ^2/NDF:3567.4/31

Out: -38.335+/-0.234 χ^2/NDF:3054.3/35

All: -38.264+/-0.168 χ^2/NDF: 6621.8/67

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: 76.633+/-0.212 χ^2/NDF:1615.8/16

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 74.976+/-0.222 χ^2/NDF:1325.6/14

Left: 75.844+/-0.153 χ^2/NDF: 2970.5/31

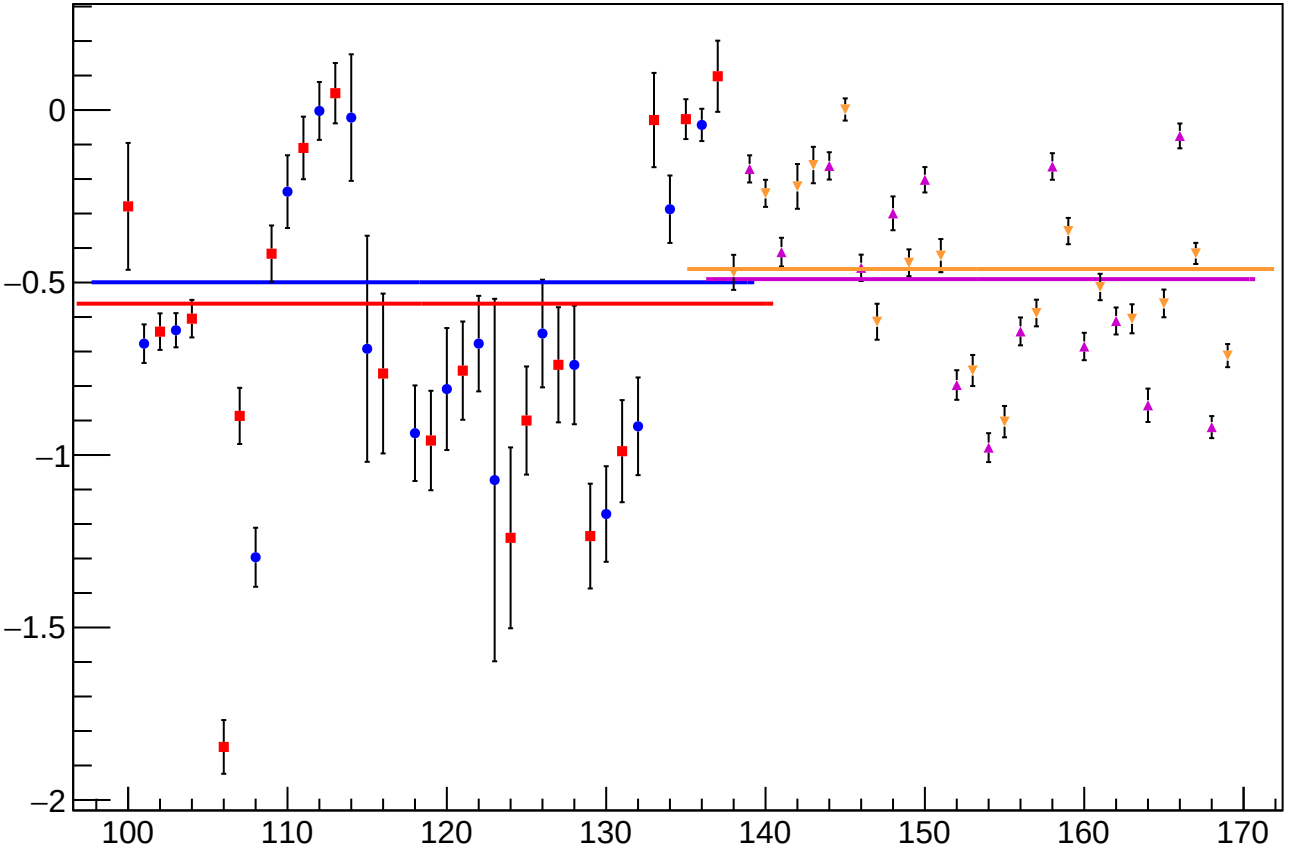
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 74.526+/-0.197 χ^2/NDF:6082.6/31

Out: 75.510+/-0.190 χ^2/NDF:7250.6/35

All: 75.035+/-0.137 χ^2/NDF: 13346.1/67

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: -0.461+/-0.010 χ^2/NDF:528.2/16

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.490+/-0.010 χ^2/NDF:892.7/14

Left: -0.475+/-0.007 χ^2/NDF: 1425.2/31

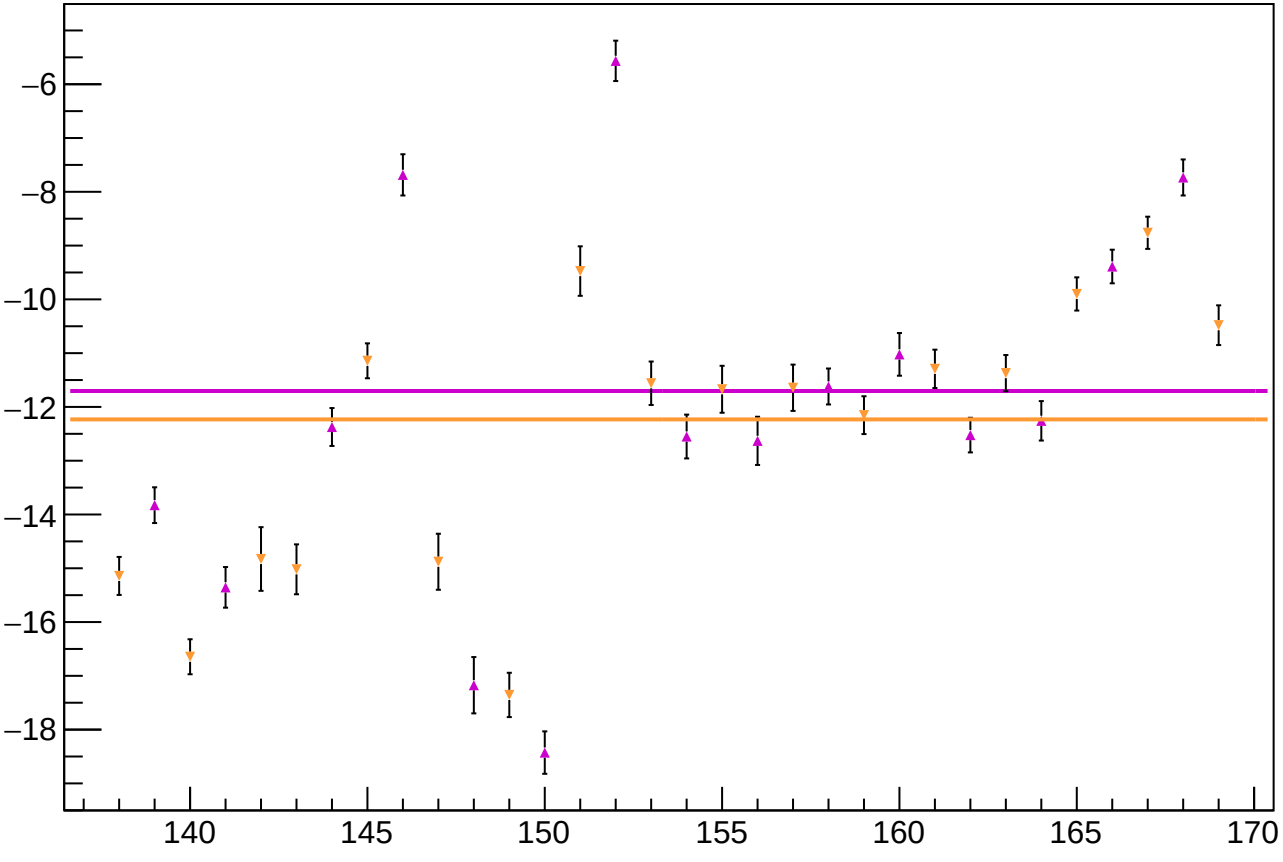
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.492+/-0.009 χ^2/NDF:1196.3/31

Out: -0.479+/-0.009 χ^2/NDF:1108.7/35

All: -0.485+/-0.006 χ^2/NDF: 2306.1/67

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: -12.232+/-0.092 χ^2/NDF:768.5/16

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

Left In: -11.704+/-0.095 χ^2/NDF:1130.2/14

Left: -11.978+/-0.066 χ^2/NDF: 1914.7/31

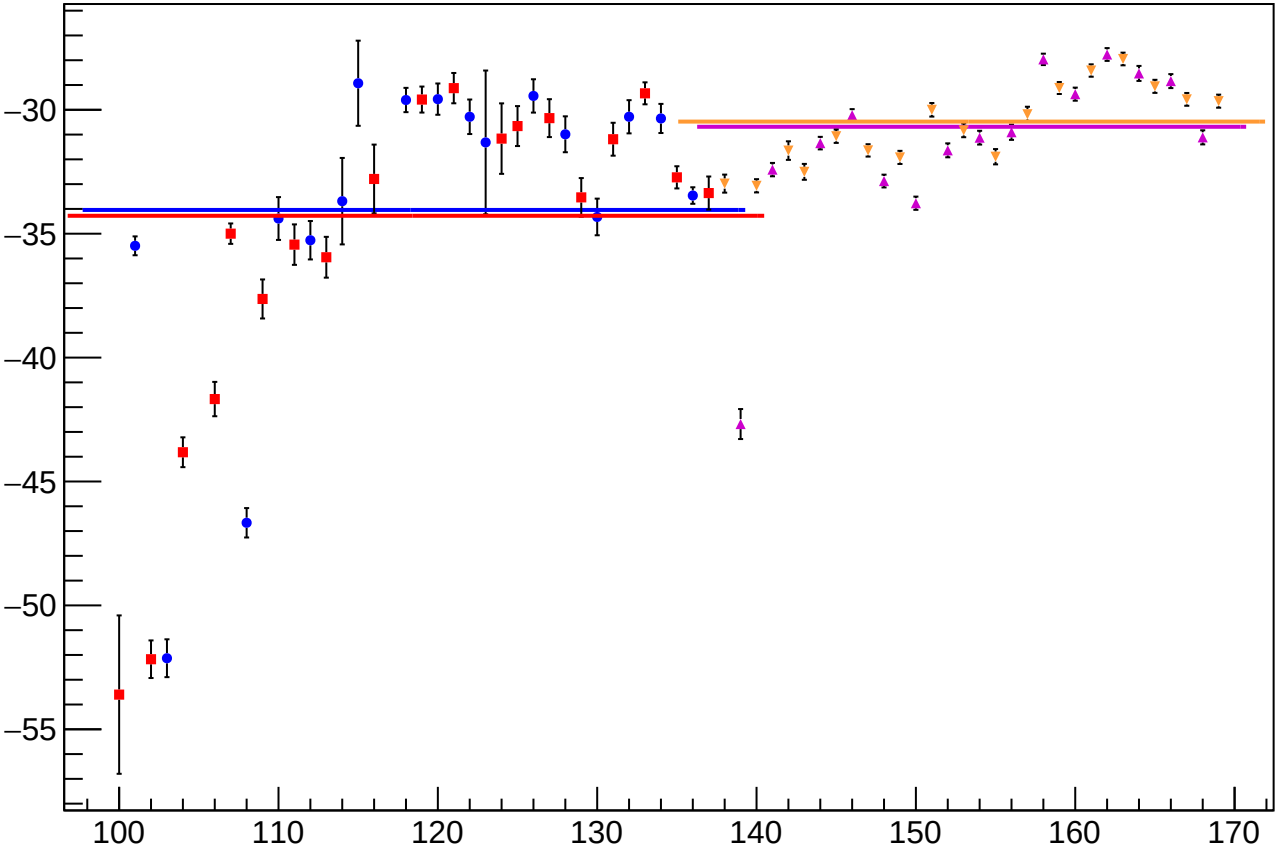
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.704+/-0.095 χ^2/NDF:1130.2/14

Out: -12.232+/-0.092 χ^2/NDF:768.5/16

All: -11.978+/-0.066 χ^2/NDF: 1914.7/31

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: -30.476+/-0.067 χ^2/NDF:521.2/16

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.685+/-0.071 χ^2/NDF:1050.8/14

Left: -30.575+/-0.049 χ^2/NDF: 1576.6/31

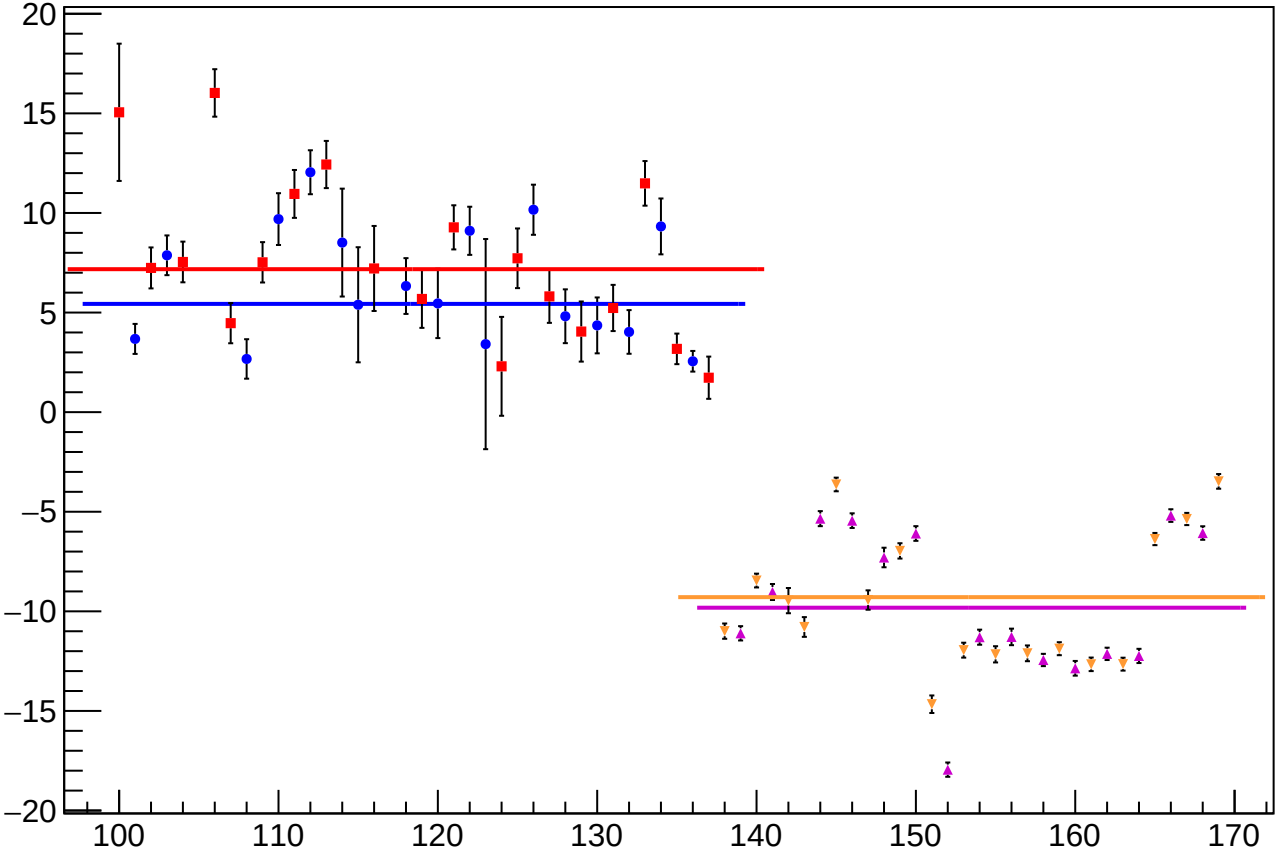
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -31.297+/-0.064 χ^2/NDF:2797.1/31

Out: -31.105+/-0.061 χ^2/NDF:2400.7/35

All: -31.196+/-0.044 χ^2/NDF: 5202.5/67

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -9.288+/-0.091 χ^2/NDF:1414.1/16

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -9.818+/-0.093 χ^2/NDF:1543.0/14

Left: -9.545+/-0.065 χ^2/NDF: 2973.8/31

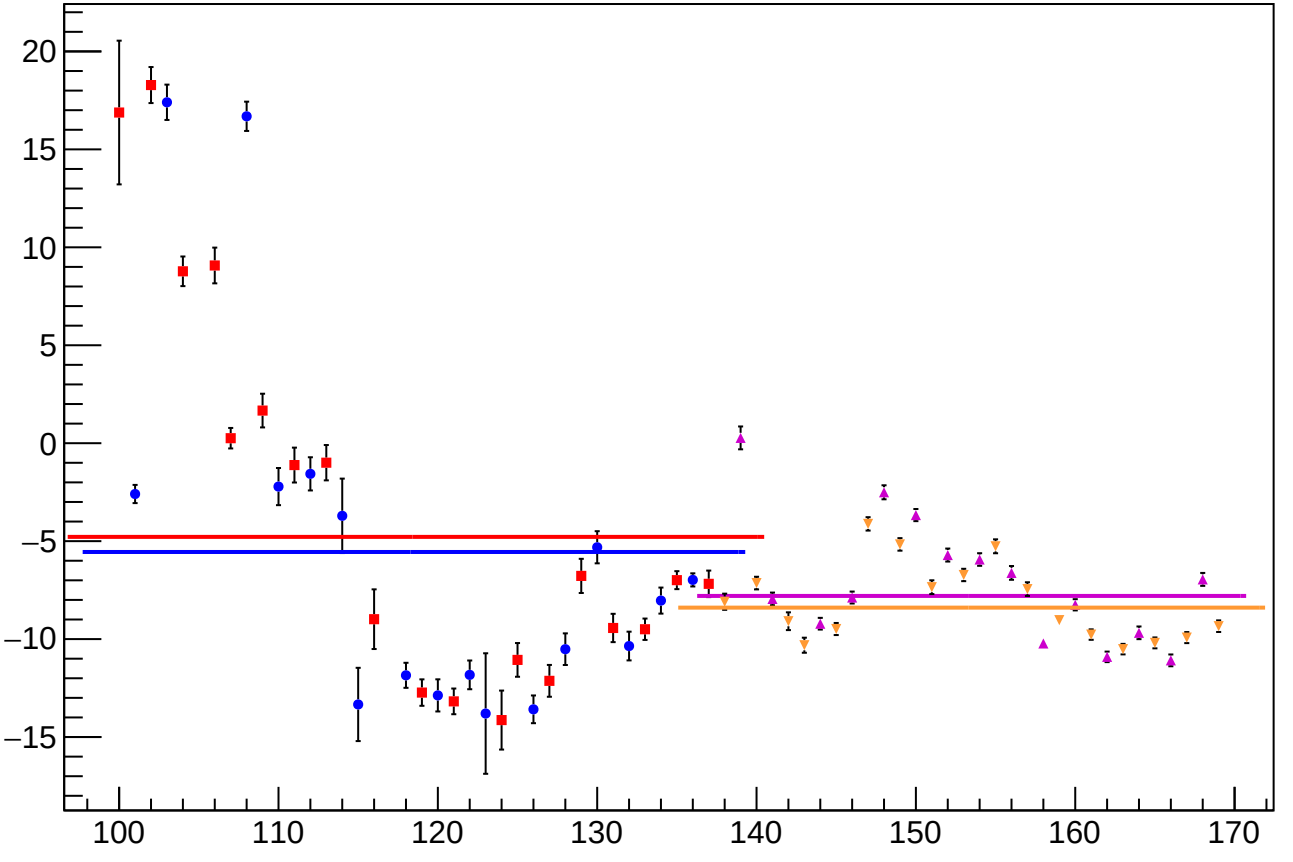
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -8.188+/-0.088 χ^2/NDF:4534.5/31

Out: -7.669+/-0.086 χ^2/NDF:4848.8/35

All: -7.922+/-0.062 χ^2/NDF: 9401.1/67

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: -8.394+/-0.077 χ^2/NDF:611.6/16

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -7.796+/-0.081 χ^2/NDF:1090.8/14

Left: -8.112+/-0.056 χ^2/NDF: 1731.0/31

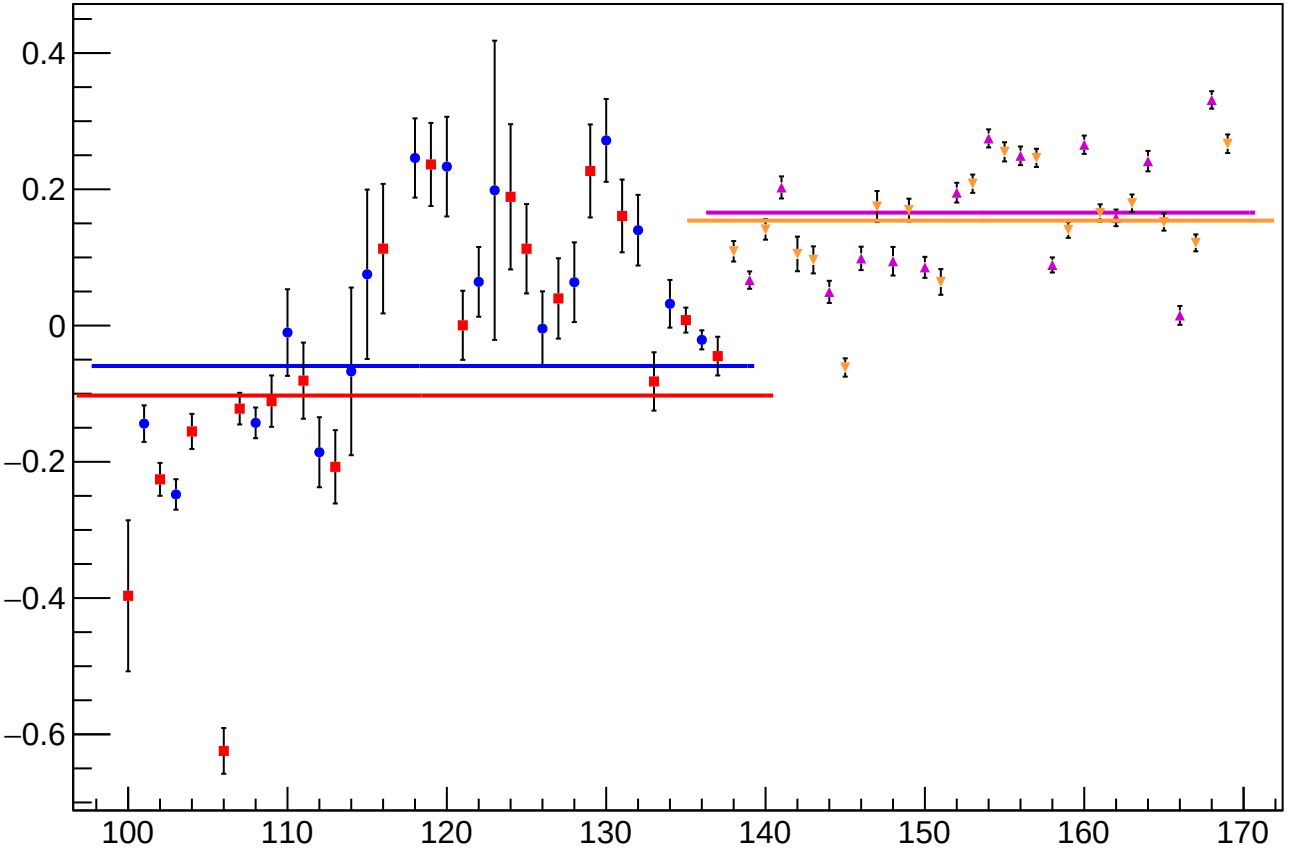
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -7.381+/-0.073 χ^2/NDF:3358.1/31

Out: -7.800+/-0.070 χ^2/NDF:3017.0/35

All: -7.600+/-0.051 χ^2/NDF: 6392.3/67

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: 0.154+/-0.004 χ^2/NDF:499.9/16

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.166+/-0.004 χ^2/NDF:692.8/14

Left: 0.160+/-0.003 χ^2/NDF: 1198.1/31

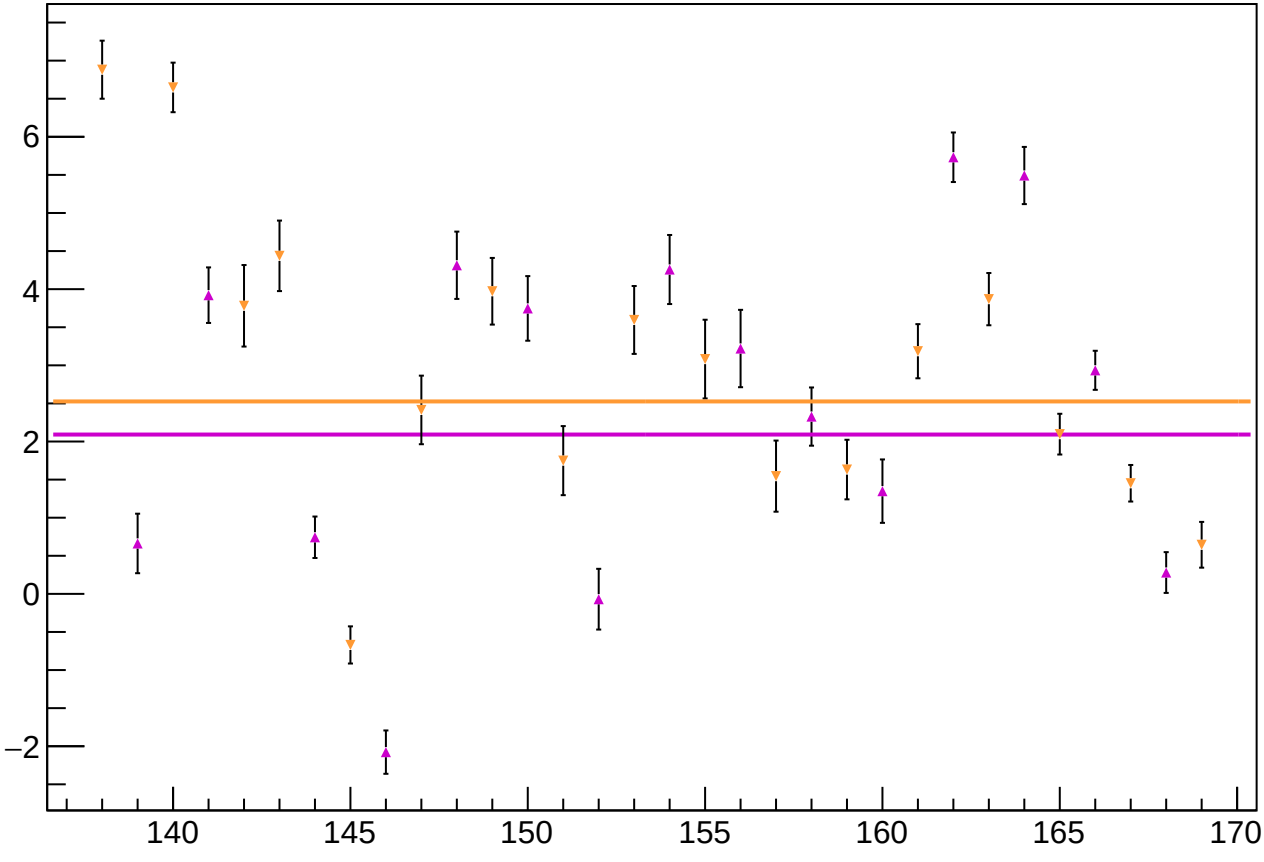
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.130+/-0.003 χ^2/NDF:1516.2/31

Out: 0.116+/-0.003 χ^2/NDF:1727.2/35

All: 0.123+/-0.002 χ^2/NDF: 3252.6/67

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: 2.526+/-0.086 χ^2/NDF:596.7/16

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

Left In: 2.092+/-0.090 χ^2/NDF:643.0/14

Left: 2.318+/-0.062 χ^2/NDF: 1251.9/31

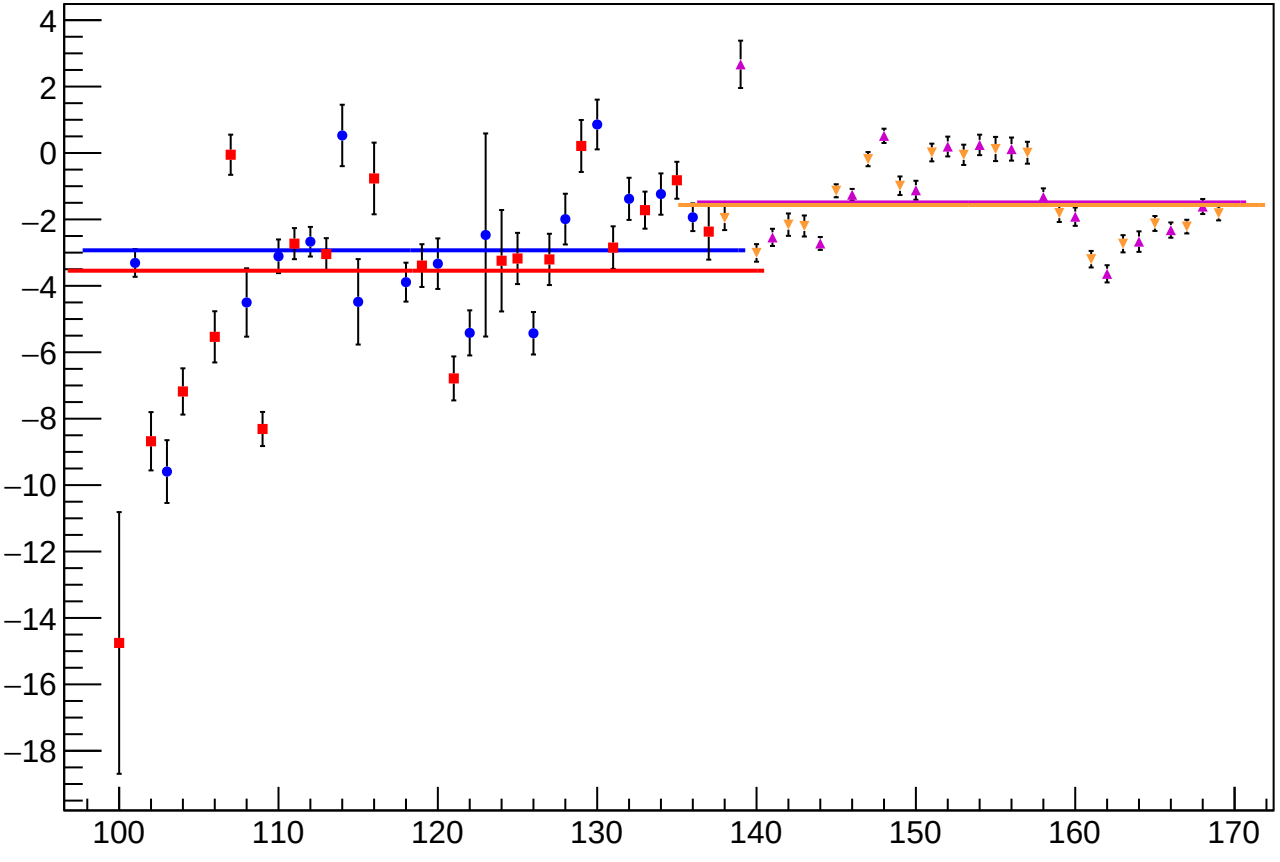
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.092+/-0.090 χ^2/NDF:643.0/14

Out: 2.526+/-0.086 χ^2/NDF:596.7/16

All: 2.318+/-0.062 χ^2/NDF: 1251.9/31

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: -1.565+/-0.063 χ^2/NDF:274.2/16

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.489+/-0.066 χ^2/NDF:365.3/14

Left: -1.529+/-0.045 χ^2/NDF: 640.2/31

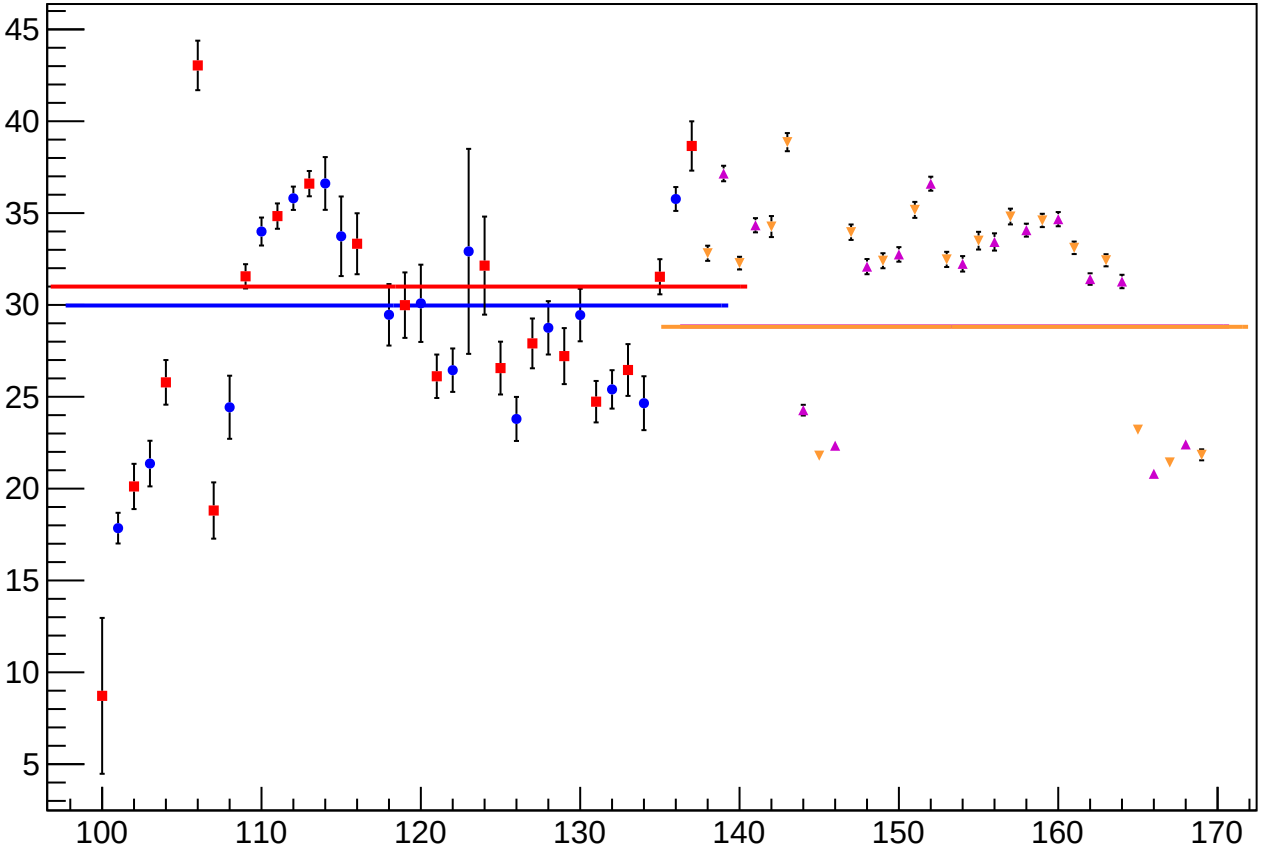
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.711+/-0.060 χ^2/NDF:586.0/31

Out: -1.846+/-0.058 χ^2/NDF:706.4/35

All: -1.781+/-0.042 χ^2/NDF: 1295.0/67

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: 28.809+/-0.086 χ^2/NDF:4661.7/16

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 28.830+/-0.089 χ^2/NDF:4206.8/14

Left: 28.819+/-0.062 χ^2/NDF: 8868.6/31

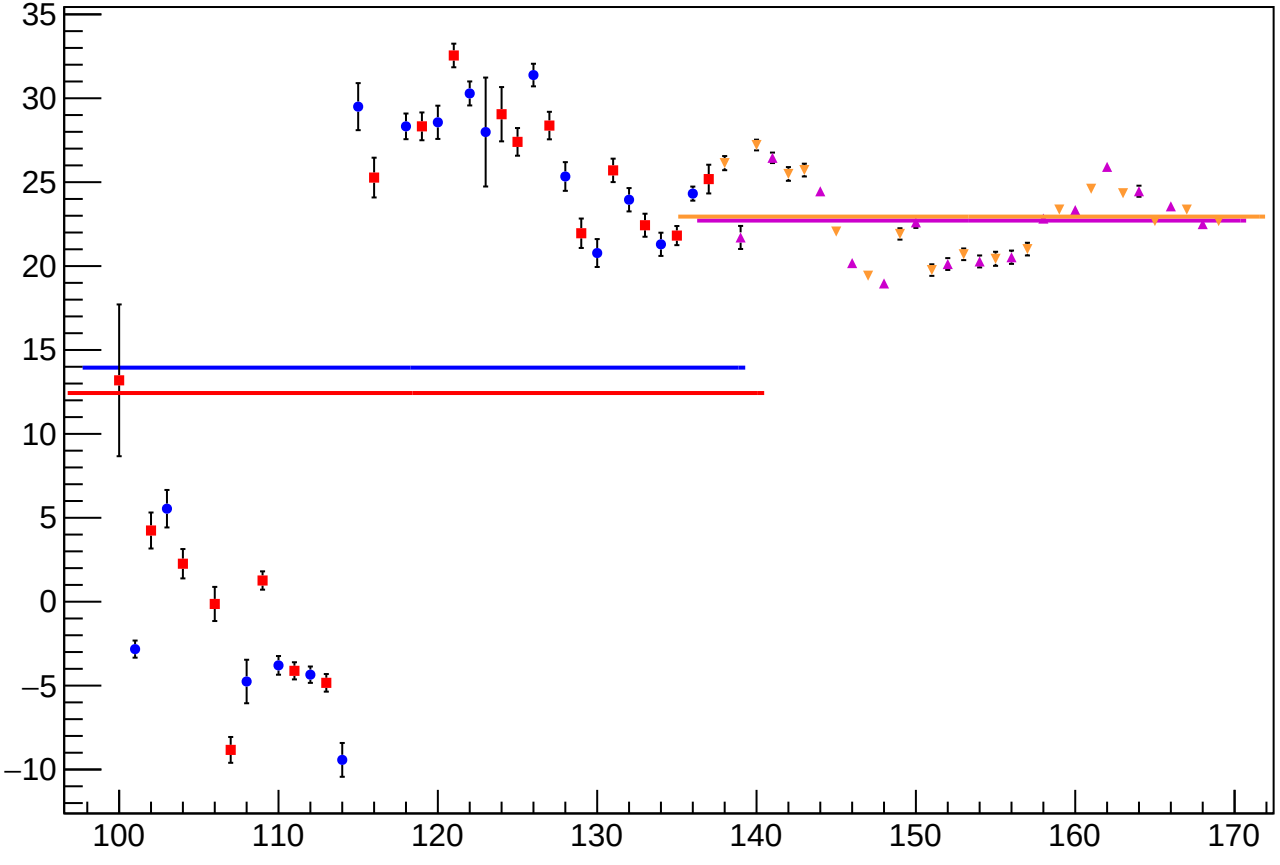
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 28.943+/-0.084 χ^2/NDF:4777.6/31

Out: 29.024+/-0.081 χ^2/NDF:5205.3/35

All: 28.985+/-0.059 χ^2/NDF: 9983.3/67

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: 22.948+/-0.072 χ^2/NDF:757.0/16

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 22.712+/-0.076 χ^2/NDF:807.7/14

Left: 22.837+/-0.052 χ^2/NDF: 1569.8/31

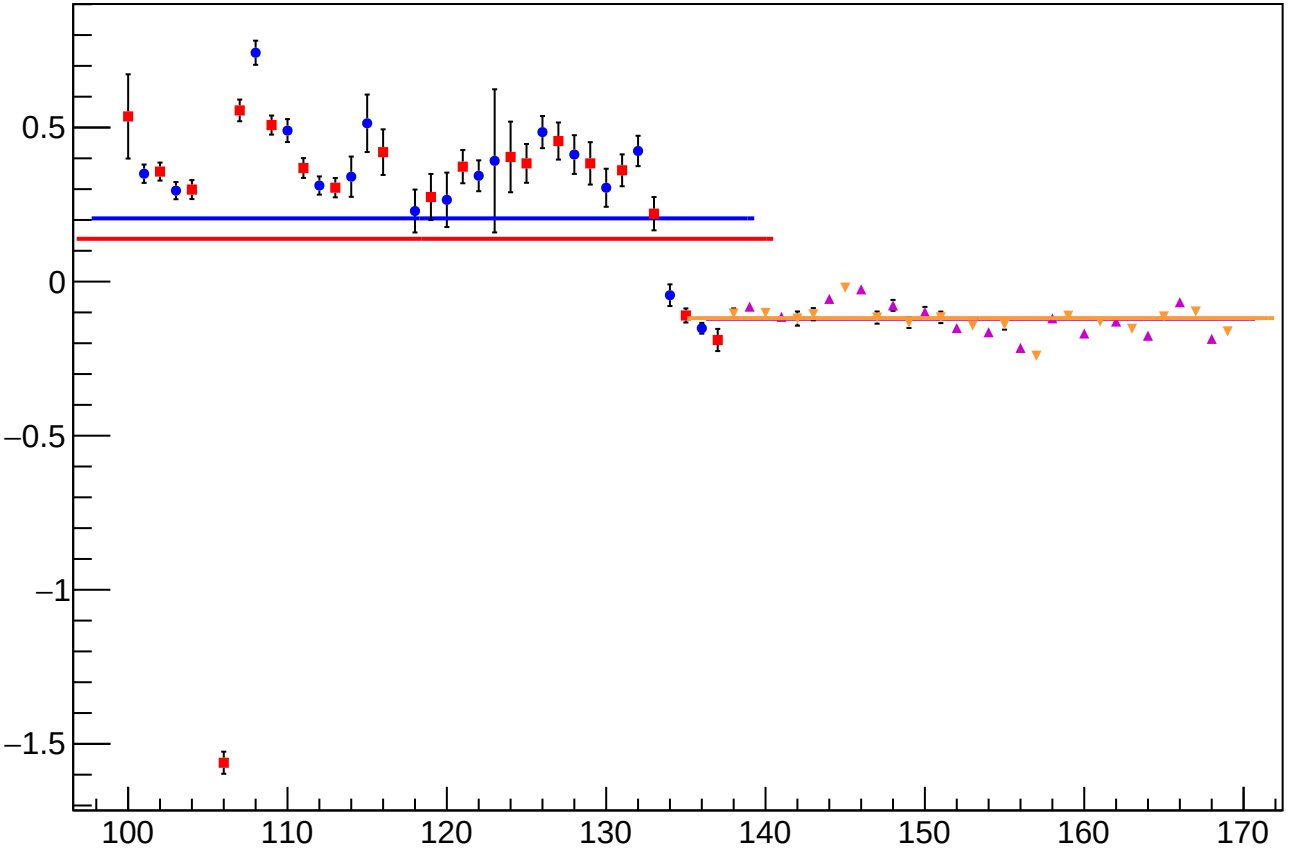
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 21.275+/-0.070 χ^2/NDF:10371.0/31

Out: 21.402+/-0.067 χ^2/NDF:10845.6/35

All: 21.341+/-0.048 χ^2/NDF: 21218.3/67

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: -0.118+/-0.003 χ^2/NDF:200.6/16

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.121+/-0.004 χ^2/NDF:235.4/14

Left: -0.120+/-0.002 χ^2/NDF: 436.2/31

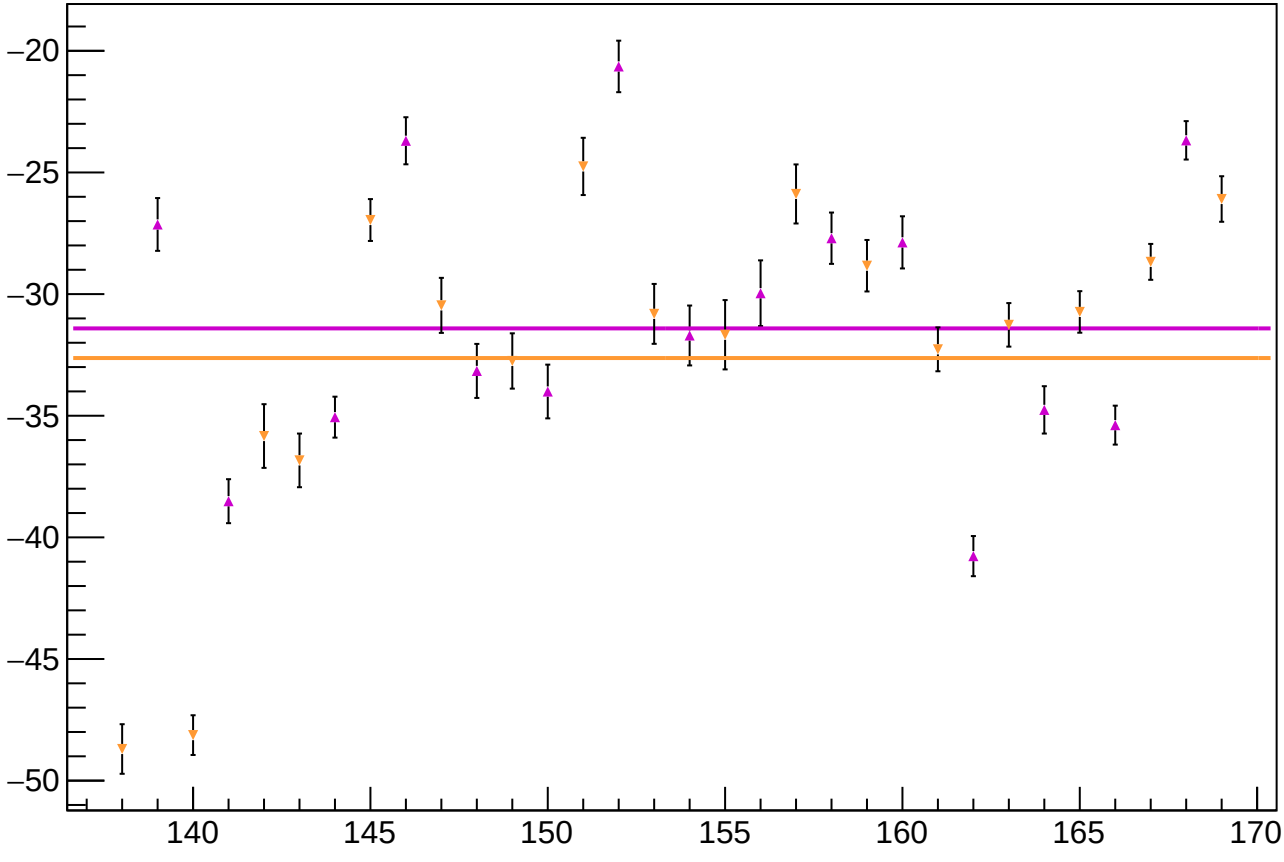
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.080+/-0.003 χ^2/NDF:2143.6/31

Out: -0.088+/-0.003 χ^2/NDF:3908.2/35

All: -0.084+/-0.002 χ^2/NDF: 6054.8/67

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: -32.629+/-0.242 χ^2/NDF:852.7/16

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

Left In: -31.410+/-0.252 χ^2/NDF:556.4/14

Left: -32.044+/-0.175 χ^2/NDF: 1421.2/31

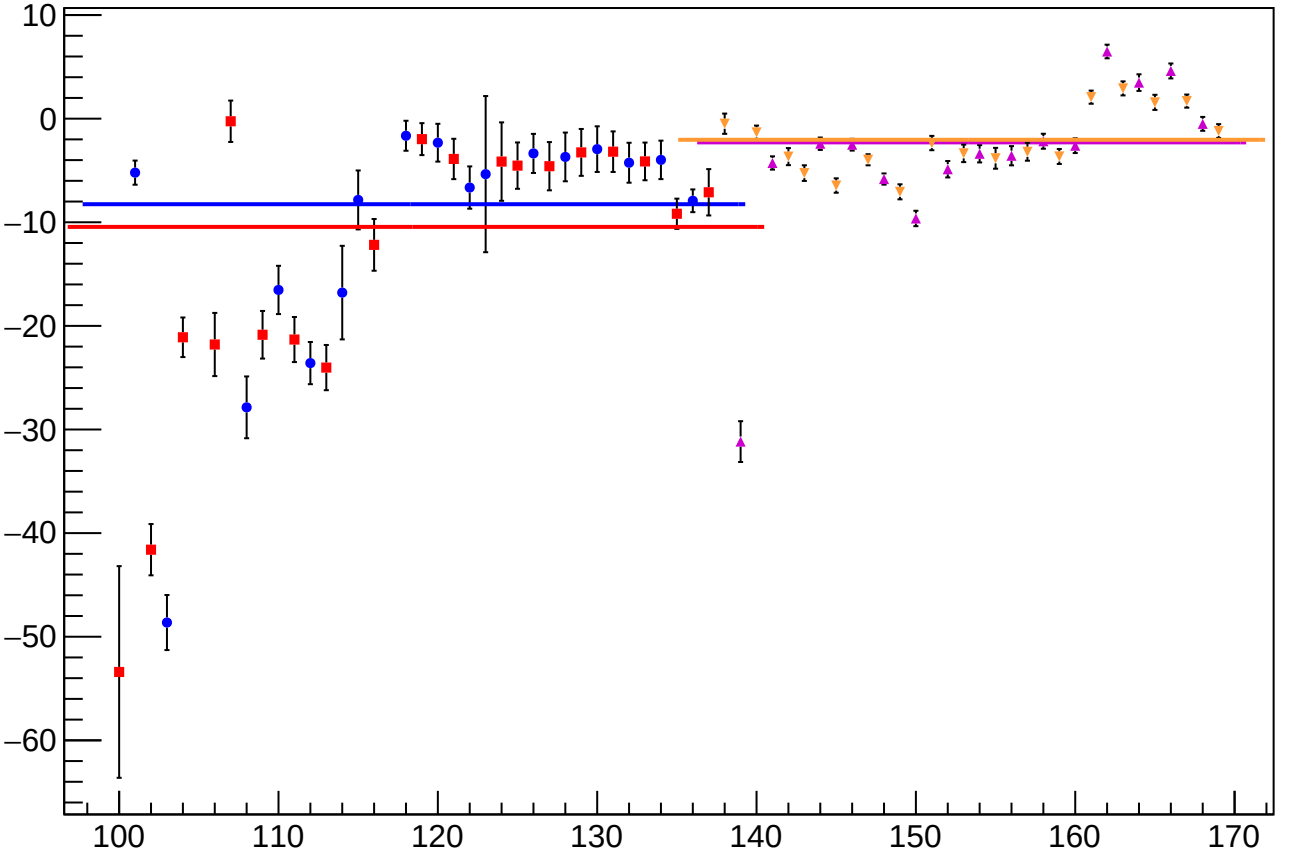
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.410+/-0.252 χ^2/NDF:556.4/14

Out: -32.629+/-0.242 χ^2/NDF:852.7/16

All: -32.044+/-0.175 χ^2/NDF: 1421.2/31

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: -2.039+/-0.174 χ^2/NDF:295.8/16

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -2.289+/-0.183 χ^2/NDF:706.8/14

Left: -2.158+/-0.126 χ^2/NDF: 1003.6/31

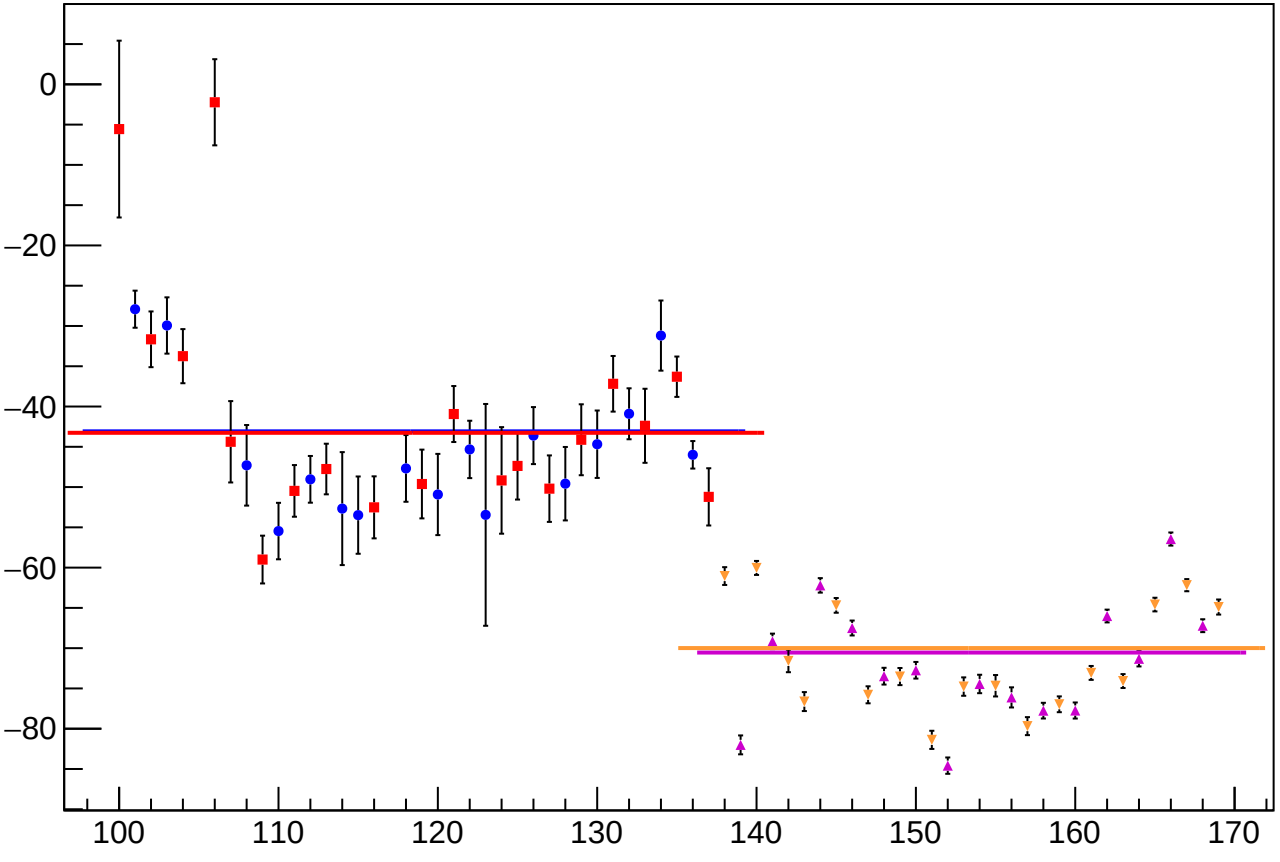
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -3.097+/-0.170 χ^2/NDF:1263.1/31

Out: -2.976+/-0.164 χ^2/NDF:984.5/35

All: -3.035+/-0.118 χ^2/NDF: 2247.8/67

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: -69.988+/-0.241 χ^2/NDF:774.8/16

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -70.545+/-0.248 χ^2/NDF:887.1/14

Left: -70.258+/-0.173 χ^2/NDF: 1664.5/31

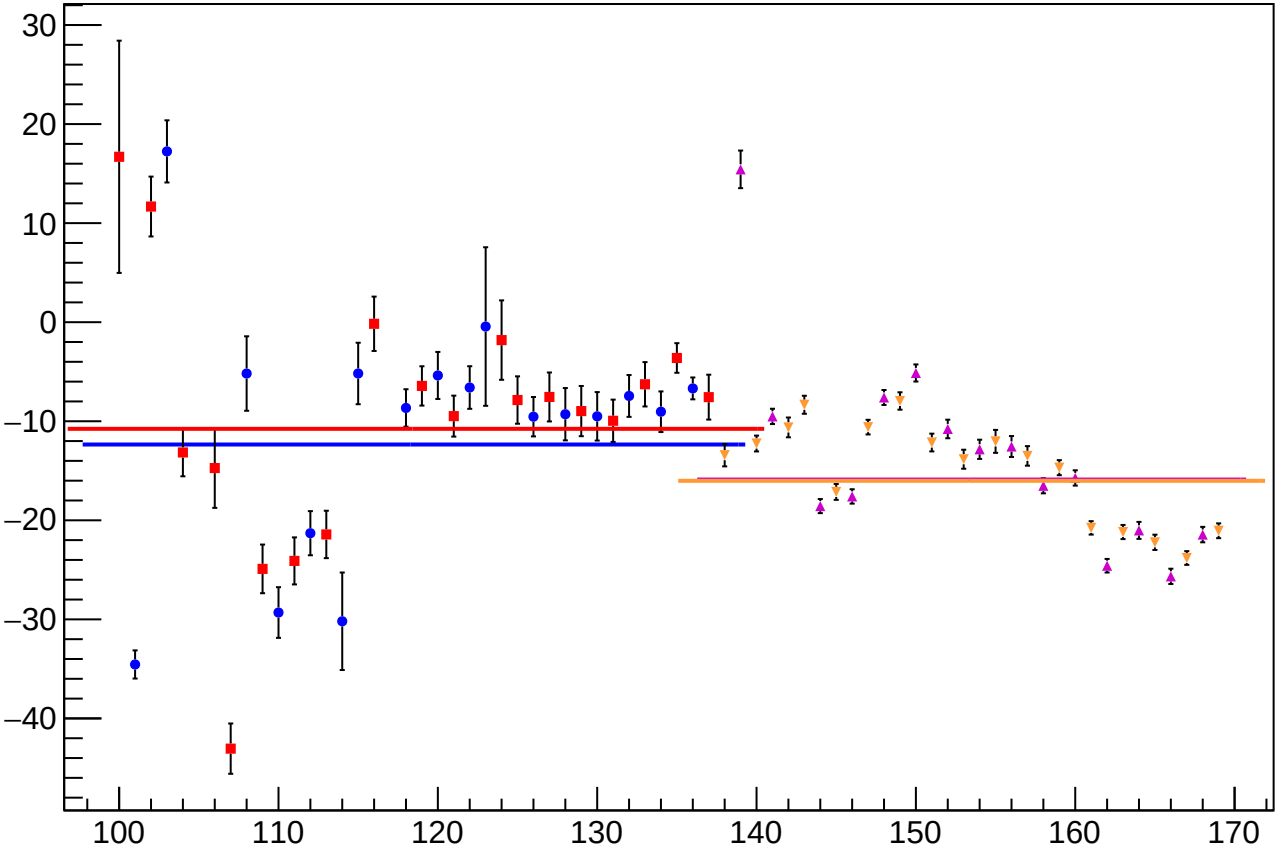
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -68.316+/-0.238 χ^2/NDF:1982.1/31

Out: -68.075+/-0.232 χ^2/NDF:1812.4/35

All: -68.193+/-0.166 χ^2/NDF: 3794.9/67

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: -16.013+/-0.201 χ^2/NDF:651.0/16

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -15.884+/-0.212 χ^2/NDF:1093.1/14

Left: -15.952+/-0.146 χ^2/NDF: 1744.2/31

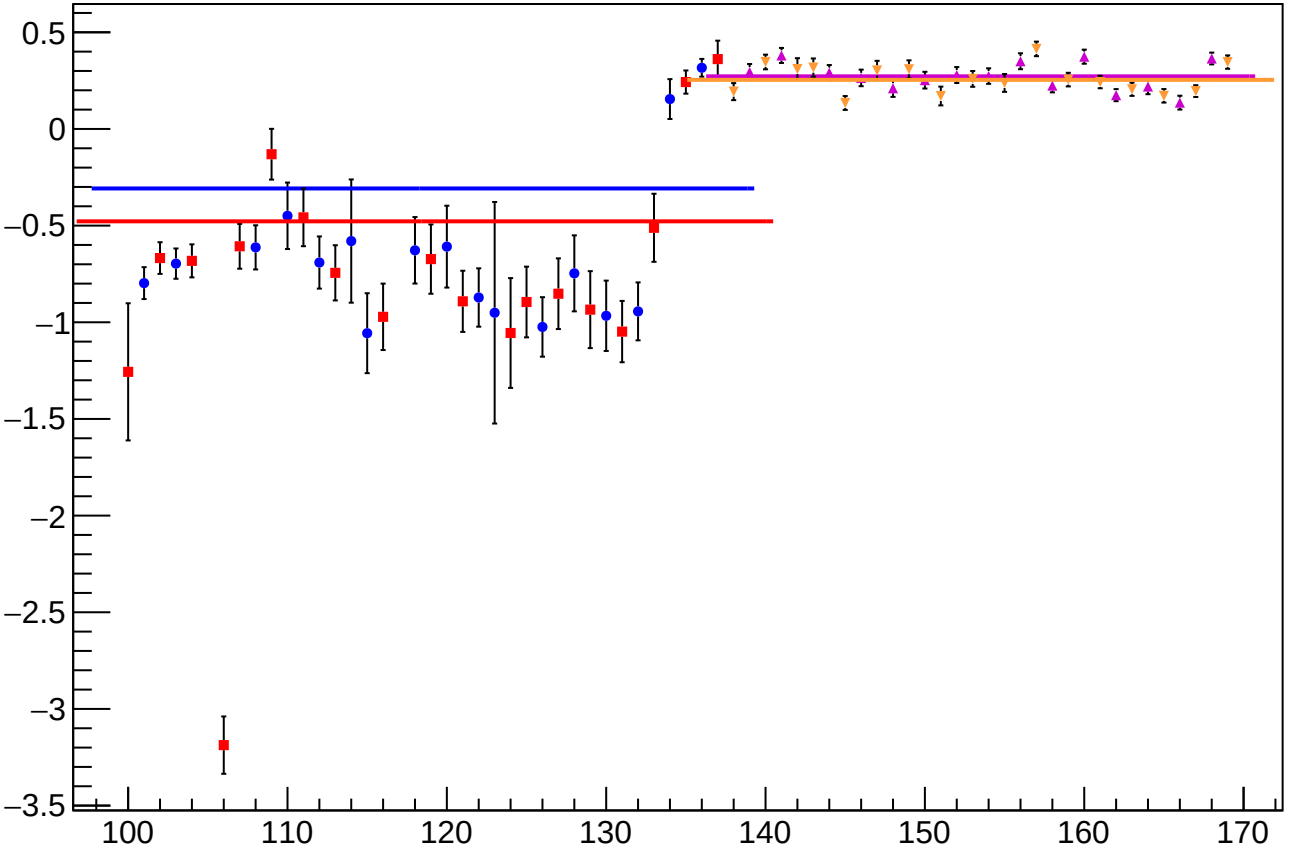
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -15.379+/-0.196 χ^2/NDF:1608.7/31

Out: -15.401+/-0.189 χ^2/NDF:1097.0/35

All: -15.390+/-0.136 χ^2/NDF: 2705.7/67

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: 0.254+/-0.009 χ^2/NDF:63.6/16

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.272+/-0.010 χ^2/NDF:58.8/14

Left: 0.263+/-0.007 χ^2/NDF: 124.1/31

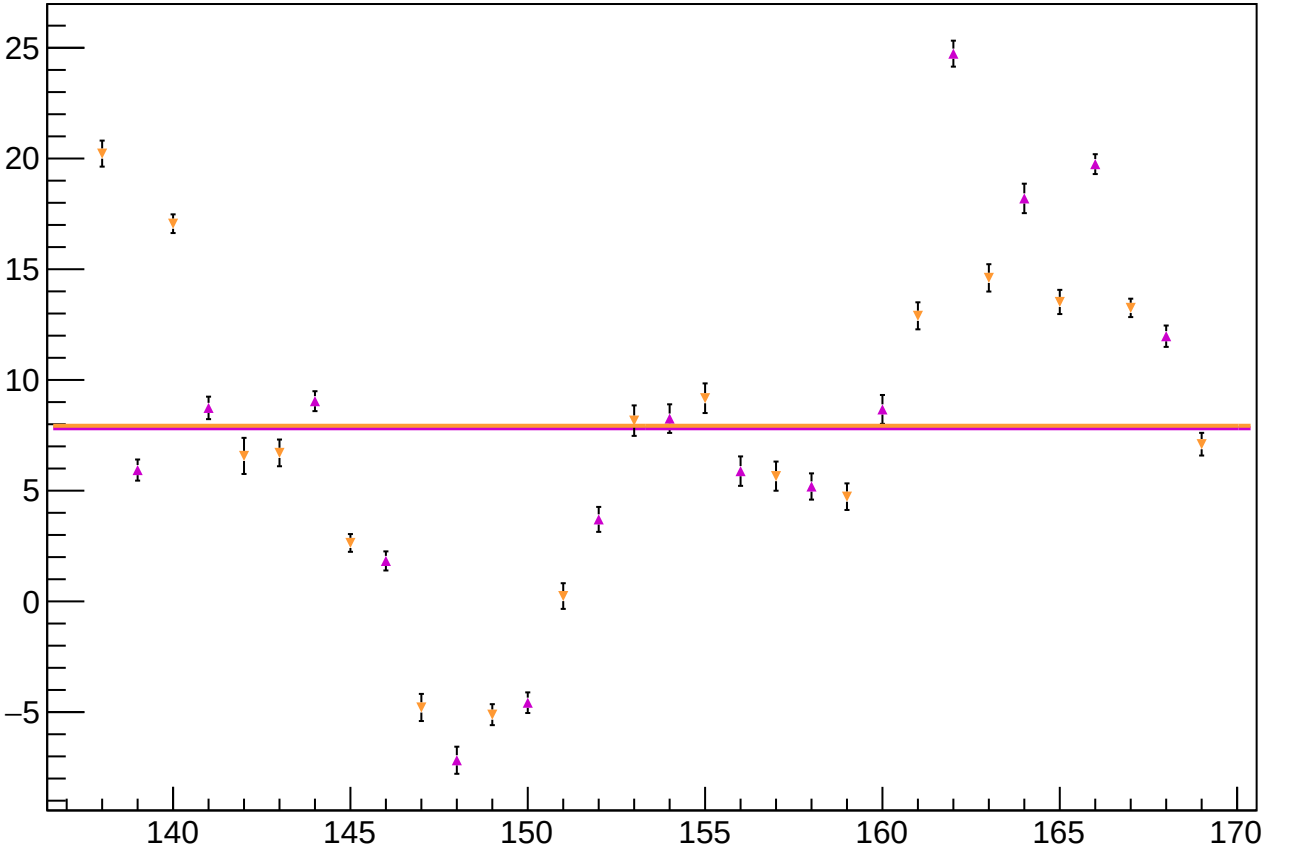
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.206+/-0.009 χ^2/NDF:825.3/31

Out: 0.181+/-0.009 χ^2/NDF:1287.5/35

All: 0.194+/-0.006 χ^2/NDF: 2116.6/67

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 7.932+/-0.133 χ^2/NDF:2949.9/16

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

Left In: 7.817+/-0.137 χ^2/NDF:3466.7/14

Left: 7.876+/-0.095 χ^2/NDF: 6416.9/31

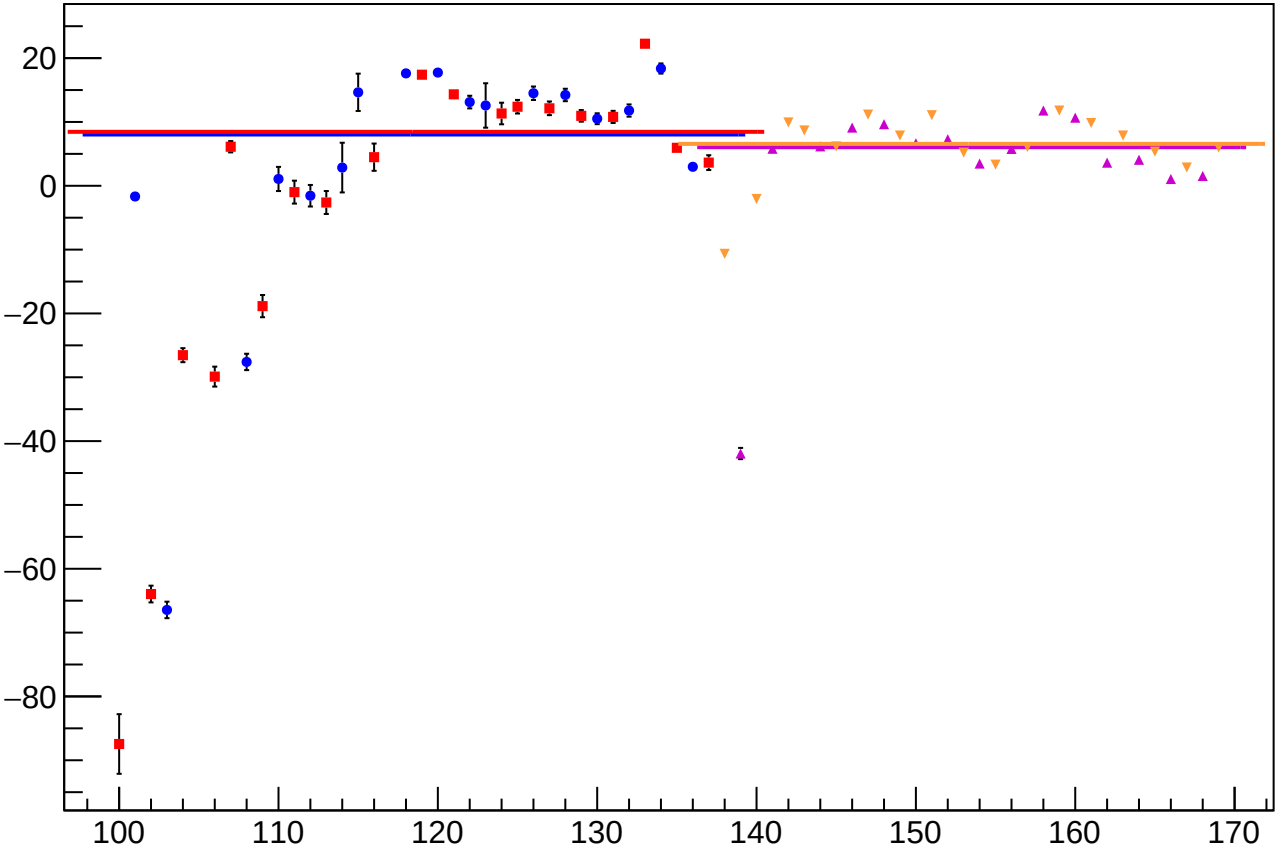
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.817+/-0.137 χ^2/NDF:3466.7/14

Out: 7.932+/-0.133 χ^2/NDF:2949.9/16

All: 7.876+/-0.095 χ^2/NDF: 6416.9/31

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: 6.566+/-0.095 χ^2/NDF:2344.4/16

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 6.045+/-0.100 χ^2/NDF:3913.5/14

Left: 6.319+/-0.069 χ^2/NDF: 6272.1/31

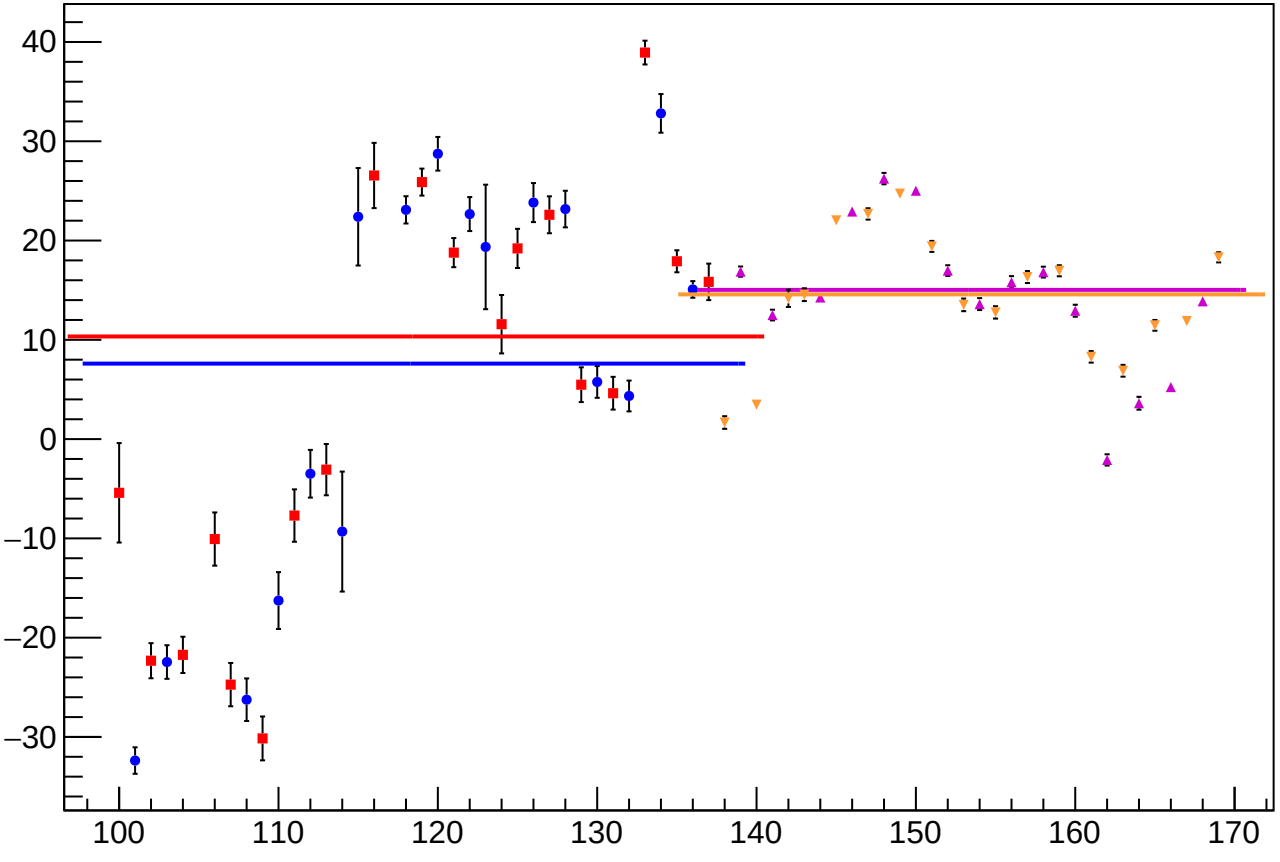
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 6.401+/-0.091 χ^2/NDF:9353.2/31

Out: 6.881+/-0.087 χ^2/NDF:9114.0/35

All: 6.651+/-0.063 χ^2/NDF: 18481.8/67

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: 14.577+/-0.132 χ^2/NDF:2578.0/16

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 15.031+/-0.135 χ^2/NDF:3044.2/14

Left: 14.799+/-0.094 χ^2/NDF: 5628.0/31

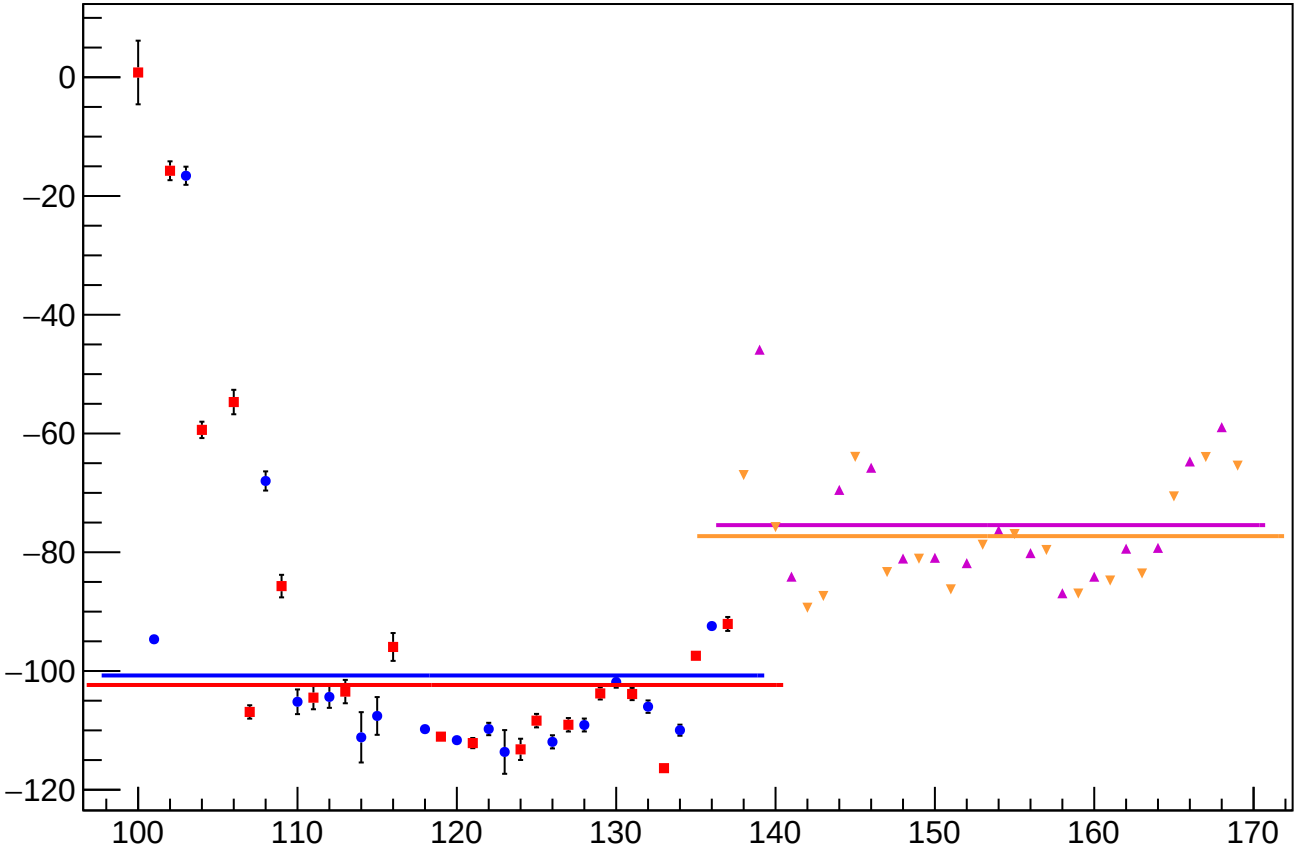
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 14.325+/-0.128 χ^2/NDF:5657.9/31

Out: 14.191+/-0.126 χ^2/NDF:4954.1/35

All: 14.257+/-0.090 χ^2/NDF: 10612.5/67

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: -77.285+/-0.111 χ^2/NDF:6149.2/16

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -75.430+/-0.117 χ^2/NDF:6280.2/14

Left: -76.404+/-0.080 χ^2/NDF: 12562.1/31

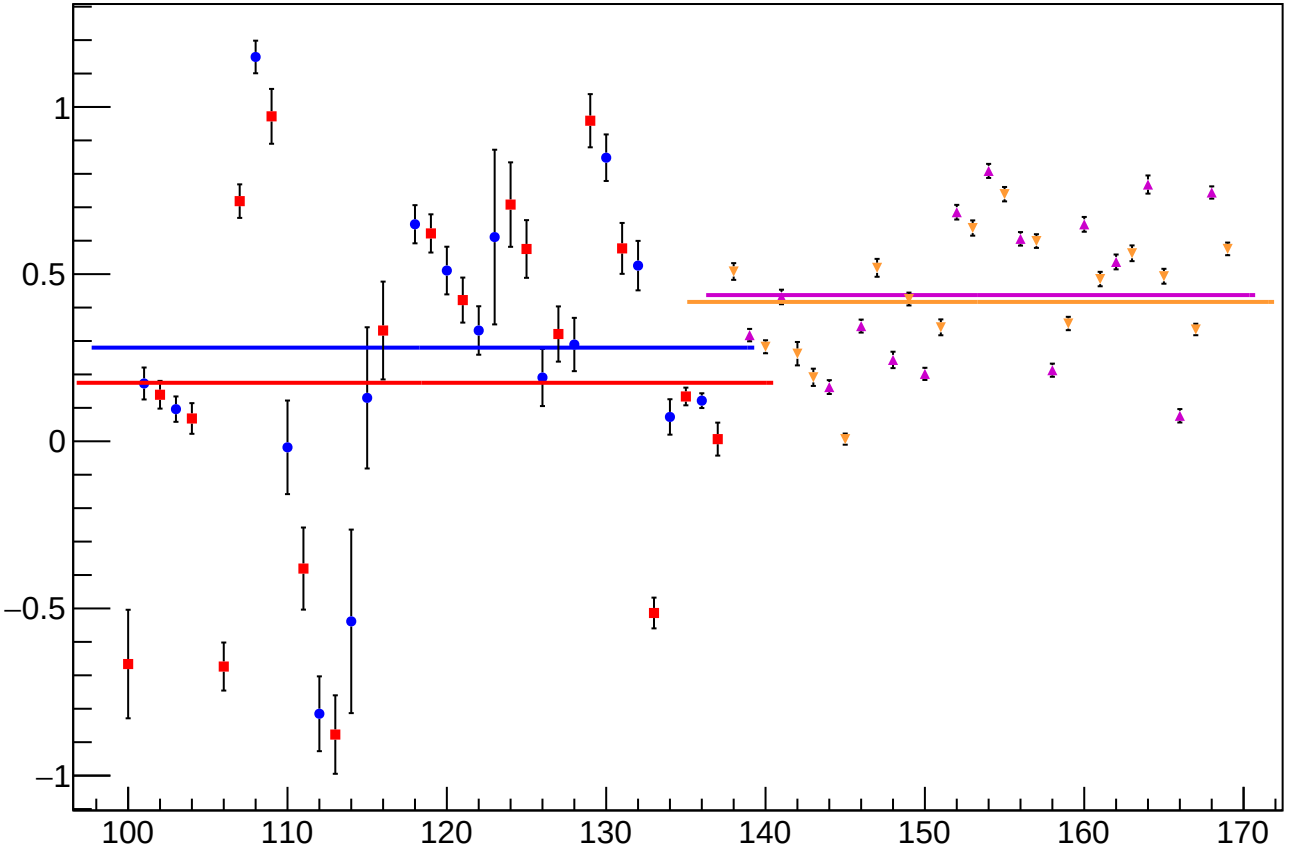
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -80.020+/-0.106 χ^2/NDF:19338.3/31

Out: -81.517+/-0.101 χ^2/NDF:20844.0/35

All: -80.801+/-0.073 χ^2/NDF: 40287.1/67

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: 0.417+/-0.005 χ^2/NDF:1348.6/16

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.437+/-0.005 χ^2/NDF:1970.0/14

Left: 0.427+/-0.004 χ^2/NDF: 3326.1/31

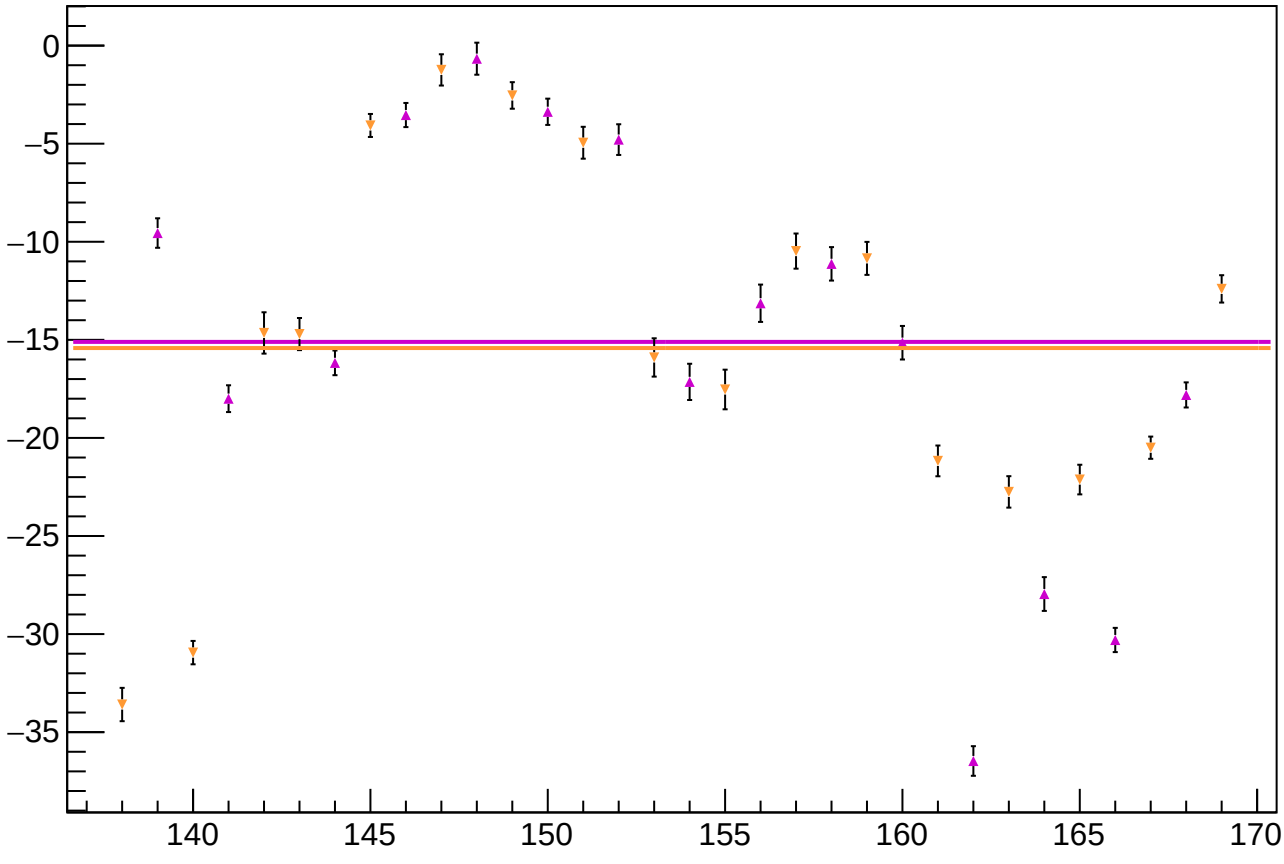
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.416+/-0.005 χ^2/NDF:2743.7/31

Out: 0.386+/-0.005 χ^2/NDF:2597.1/35

All: 0.400+/-0.003 χ^2/NDF: 5359.9/67

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: -15.419+/-0.184 χ^2/NDF:2736.2/16

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

Left In: -15.105+/-0.190 χ^2/NDF:2898.6/14

Left: -15.267+/-0.132 χ^2/NDF: 5636.2/31

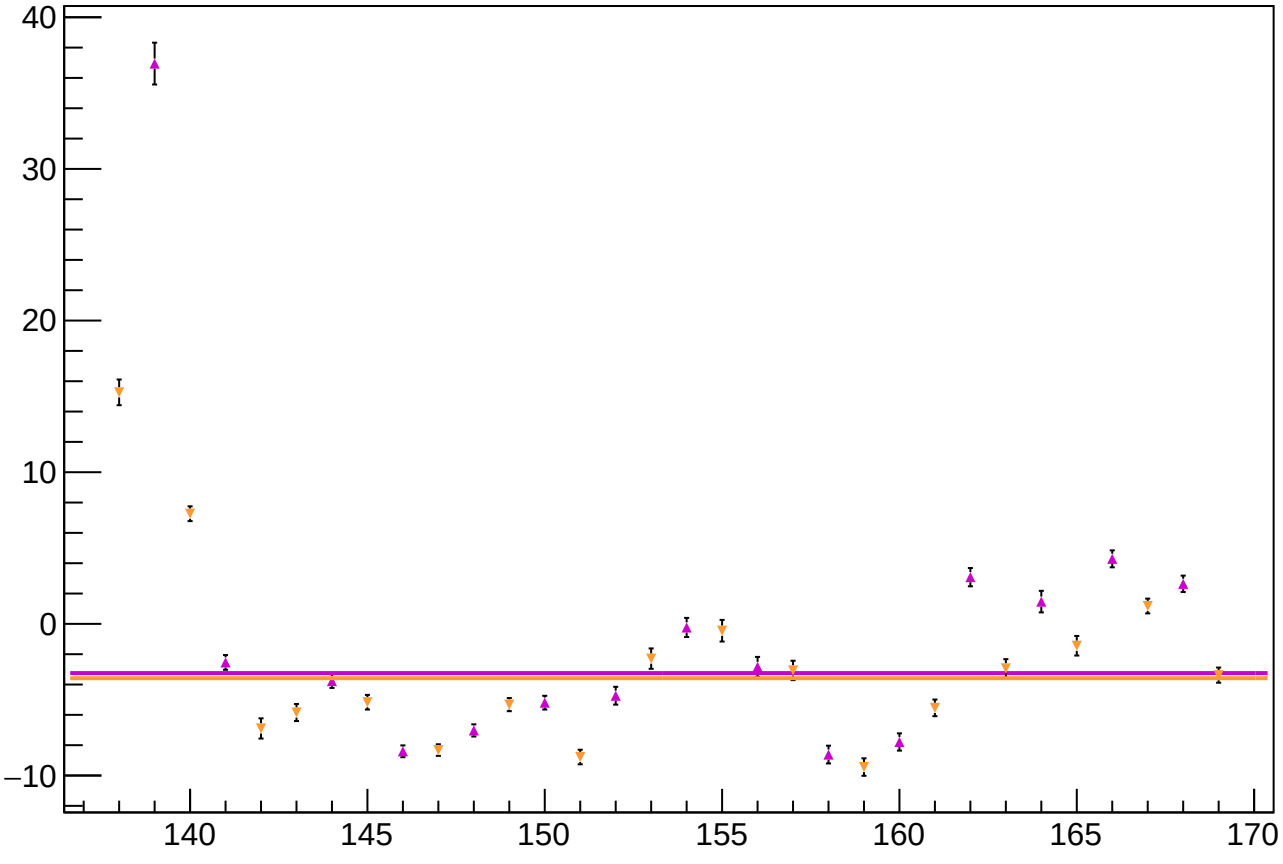
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.105+/-0.190 χ^2/NDF:2898.6/14

Out: -15.419+/-0.184 χ^2/NDF:2736.2/16

All: -15.267+/-0.132 χ^2/NDF: 5636.2/31

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: -3.582+/-0.131 χ^2/NDF:1573.3/16

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

Left In: -3.246+/-0.138 χ^2/NDF:1766.7/14

Left: -3.423+/-0.095 χ^2/NDF: 3343.1/31

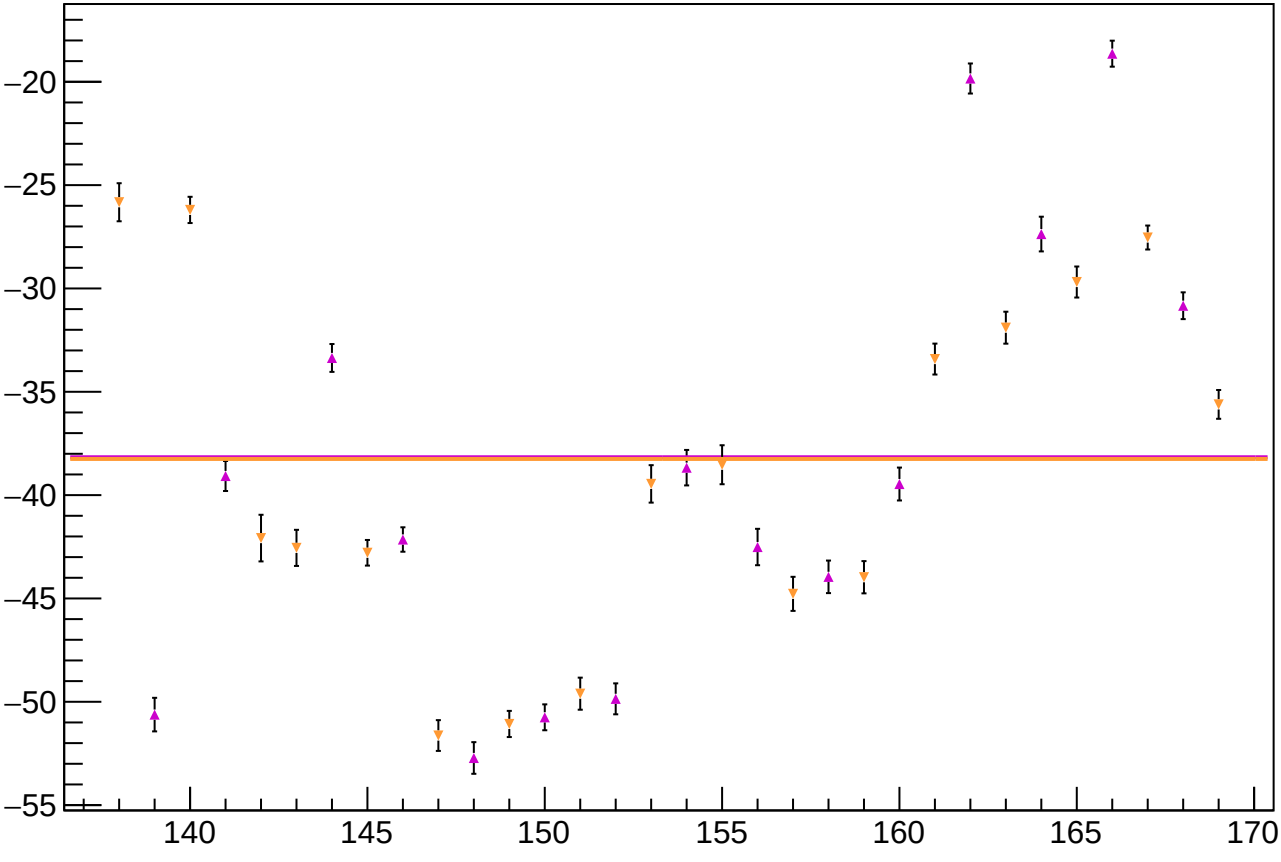
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.246+/-0.138 χ^2/NDF:1766.7/14

Out: -3.582+/-0.131 χ^2/NDF:1573.3/16

All: -3.423+/-0.095 χ^2/NDF: 3343.1/31

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: -38.249+/-0.182 χ^2/NDF:2292.8/16

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

Left In: -38.168+/-0.187 χ^2/NDF:3314.0/14

Left: -38.209+/-0.131 χ^2/NDF: 5606.9/31

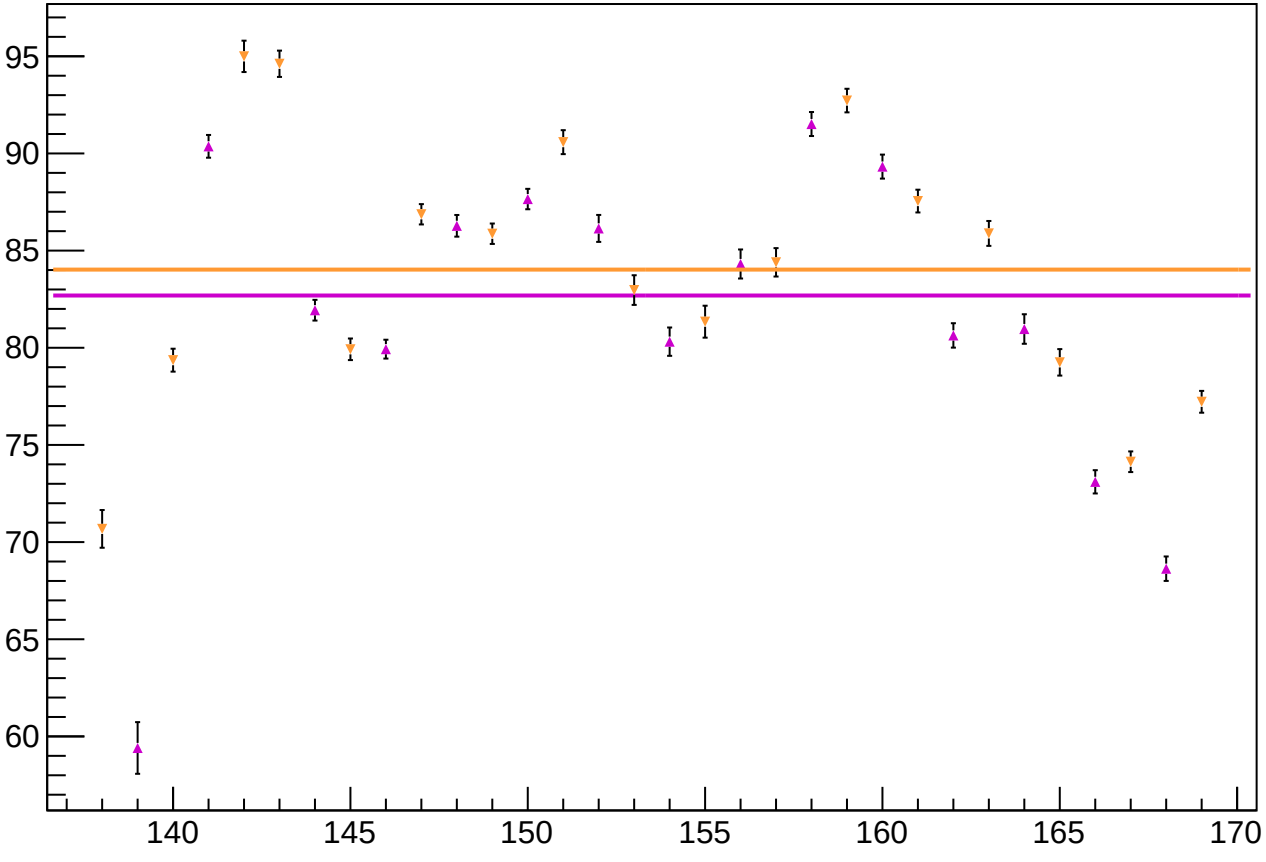
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.168+/-0.187 χ^2/NDF:3314.0/14

Out: -38.249+/-0.182 χ^2/NDF:2292.8/16

All: -38.209+/-0.131 χ^2/NDF: 5606.9/31

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: 84.023+/-0.153 χ^2/NDF:1695.1/16

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

Left In: 82.689+/-0.161 χ^2/NDF:1774.8/14

Left: 83.390+/-0.111 χ^2/NDF: 3506.0/31

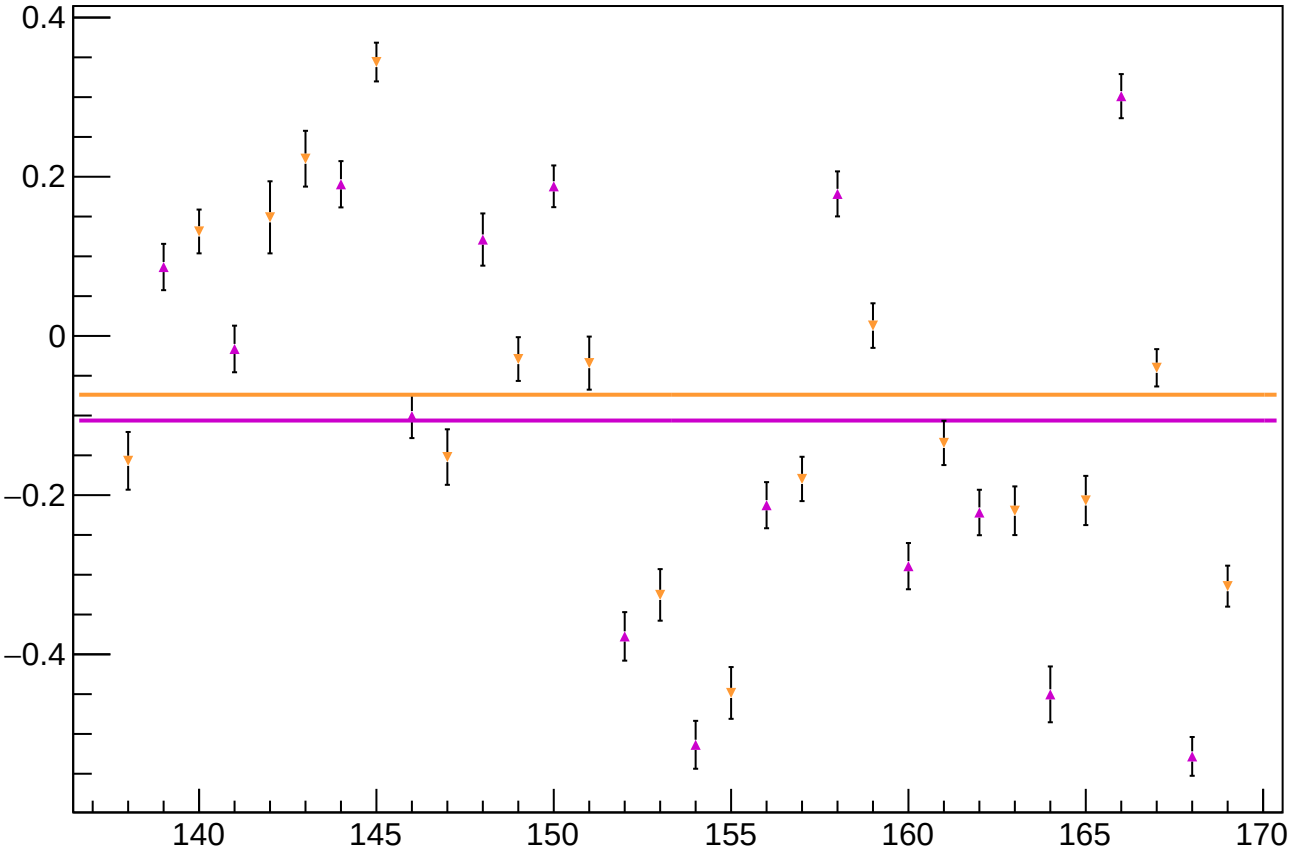
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.689+/-0.161 χ^2/NDF:1774.8/14

Out: 84.023+/-0.153 χ^2/NDF:1695.1/16

All: 83.390+/-0.111 χ^2/NDF: 3506.0/31

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: -0.074+/-0.007 χ^2/NDF:812.7/16

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

Left In: -0.106+/-0.007 χ^2/NDF:1377.2/14

Left: -0.090+/-0.005 χ^2/NDF: 2199.7/31

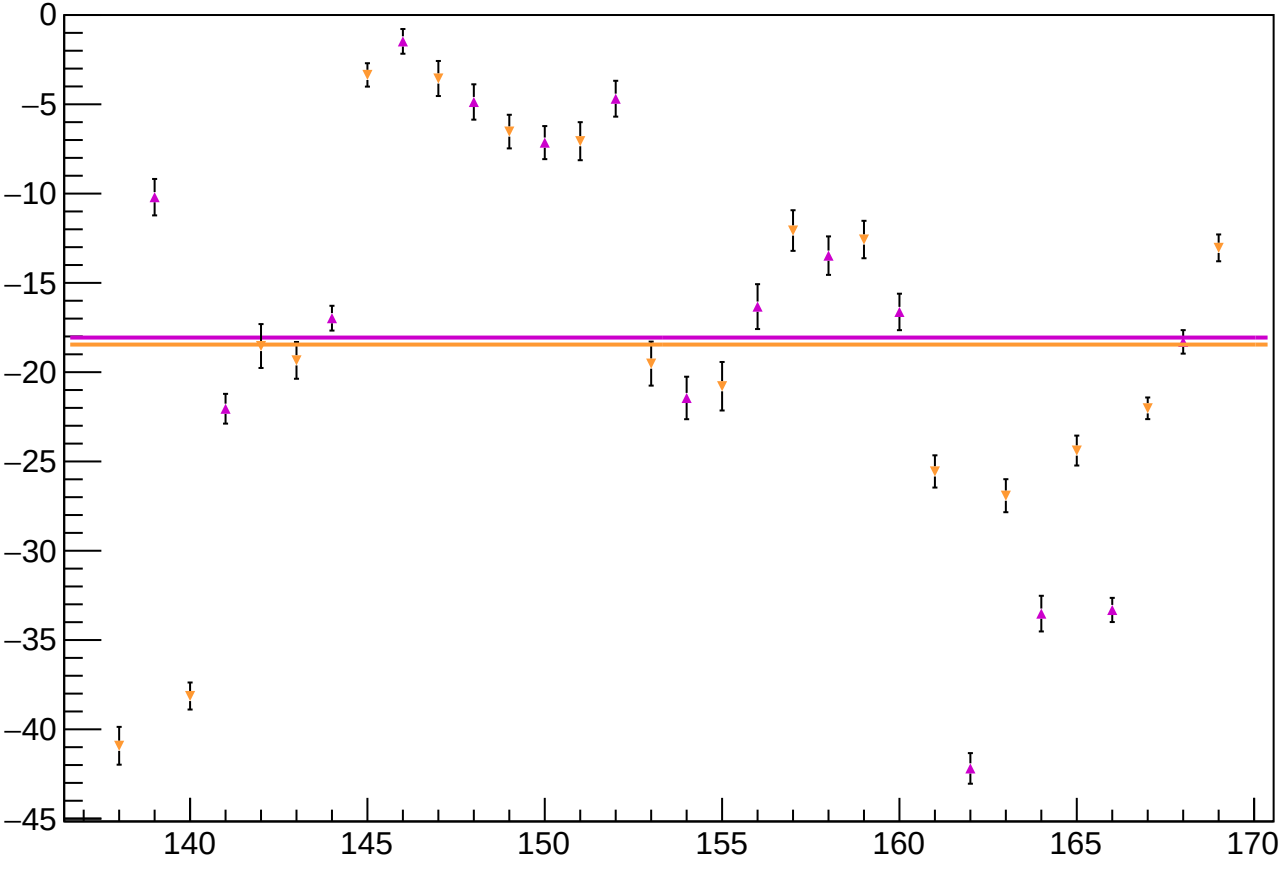
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.106+/-0.007 χ^2/NDF:1377.2/14

Out: -0.074+/-0.007 χ^2/NDF:812.7/16

All: -0.090+/-0.005 χ^2/NDF: 2199.7/31

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: -18.454+/-0.219 χ^2/NDF:2513.4/16

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

Left In: -18.062+/-0.225 χ^2/NDF:2722.9/14

Left: -18.263+/-0.157 χ^2/NDF: 5237.9/31

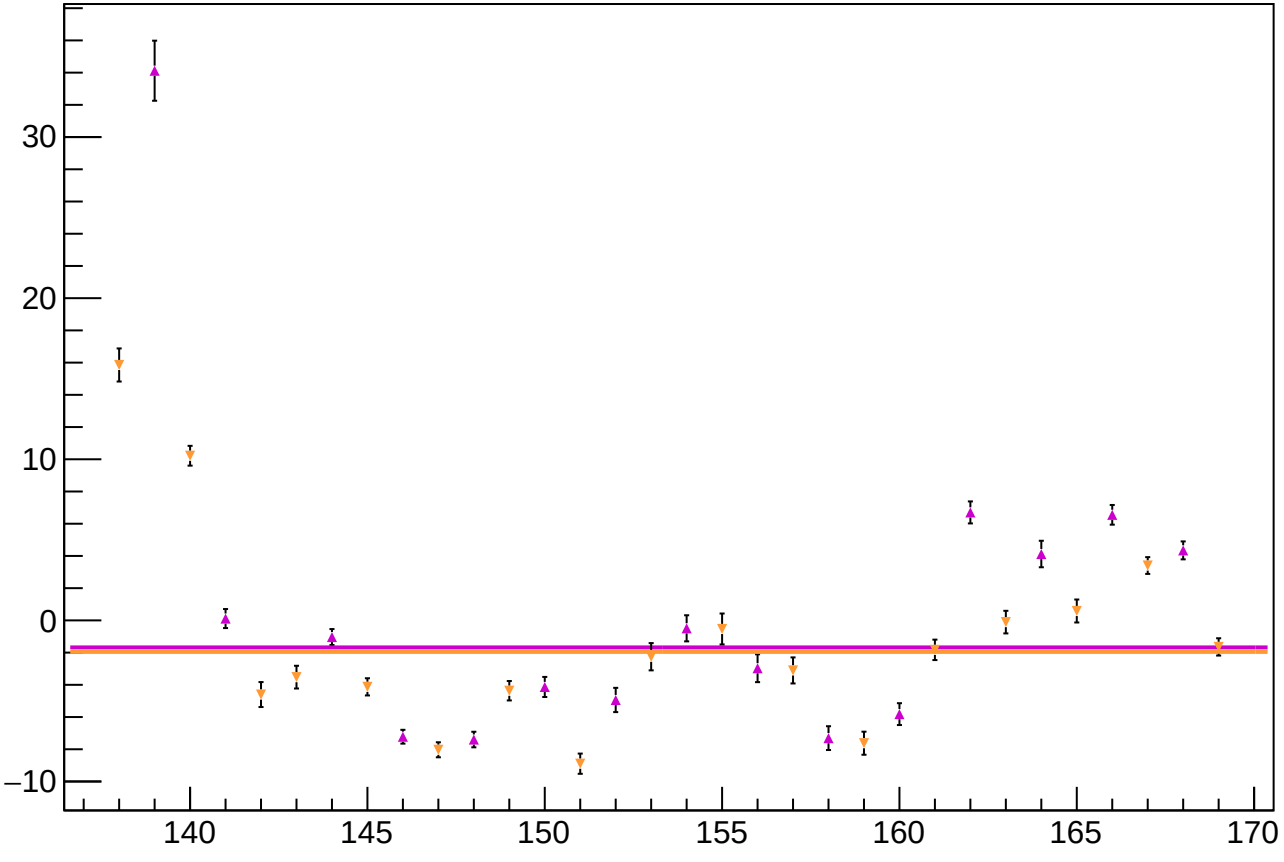
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.062+/-0.225 χ^2/NDF:2722.9/14

Out: -18.454+/-0.219 χ^2/NDF:2513.4/16

All: -18.263+/-0.157 χ^2/NDF: 5237.9/31

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: -1.955+/-0.158 χ^2/NDF:1227.7/16

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

Left In: -1.678+/-0.163 χ^2/NDF:1318.8/14

Left: -1.821+/-0.113 χ^2/NDF: 2547.9/31

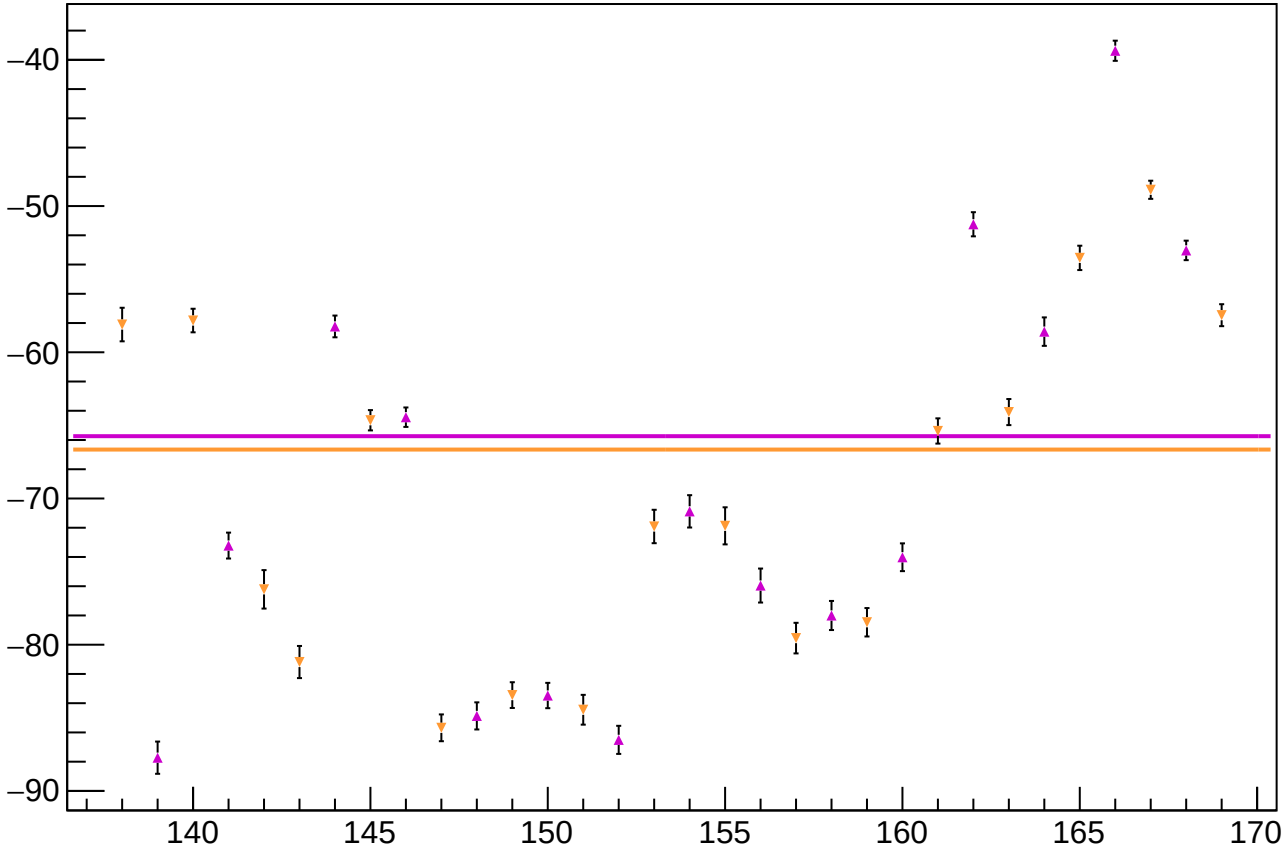
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.678+/-0.163 χ^2/NDF:1318.8/14

Out: -1.955+/-0.158 χ^2/NDF:1227.7/16

All: -1.821+/-0.113 χ^2/NDF: 2547.9/31

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: -66.654+/-0.218 χ^2/NDF:3077.4/16

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

Left In: -65.739+/-0.222 χ^2/NDF:4400.9/14

Left: -66.204+/-0.156 χ^2/NDF: 7486.9/31

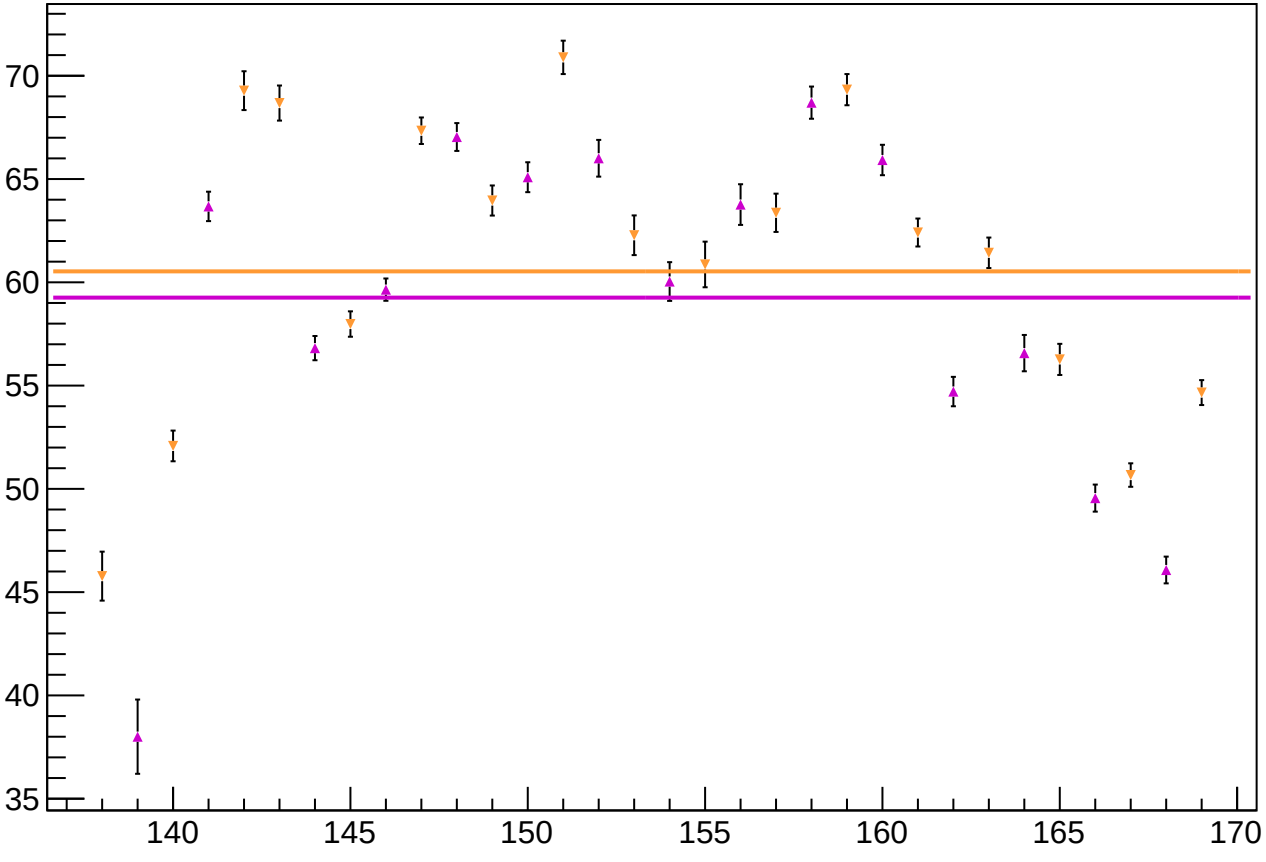
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -65.739+/-0.222 χ^2/NDF:4400.9/14

Out: -66.654+/-0.218 χ^2/NDF:3077.4/16

All: -66.204+/-0.156 χ^2/NDF: 7486.9/31

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: 60.530+/-0.183 χ^2/NDF:1364.4/16

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

Left In: 59.259+/-0.190 χ^2/NDF:1385.7/14

Left: 59.920+/-0.132 χ^2/NDF: 2773.4/31

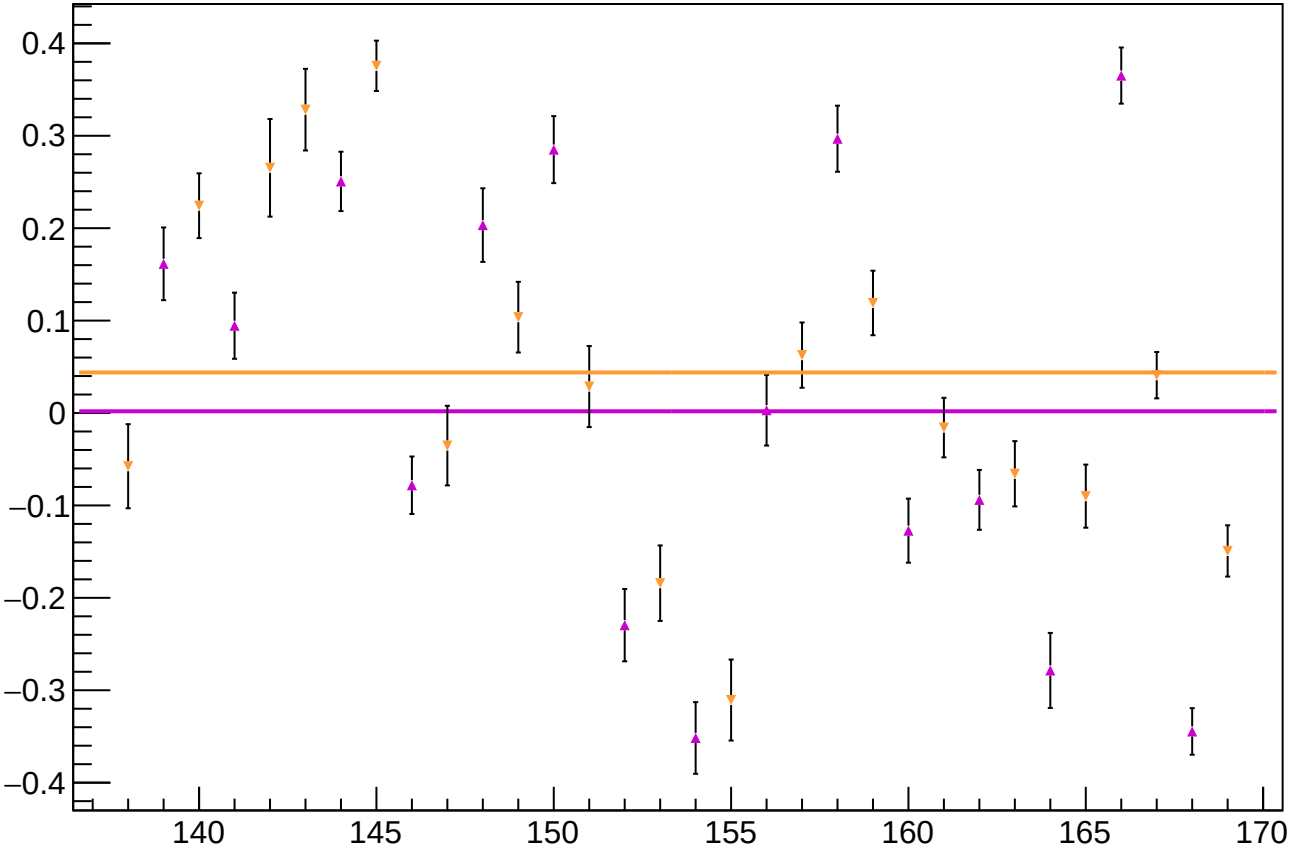
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.259+/-0.190 χ^2/NDF:1385.7/14

Out: 60.530+/-0.183 χ^2/NDF:1364.4/16

All: 59.920+/-0.132 χ^2/NDF: 2773.4/31

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: 0.044+/-0.009 χ^2/NDF:423.0/16

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

Left In: 0.002+/-0.009 χ^2/NDF:765.3/14

Left: 0.024+/-0.006 χ^2/NDF: 1199.9/31

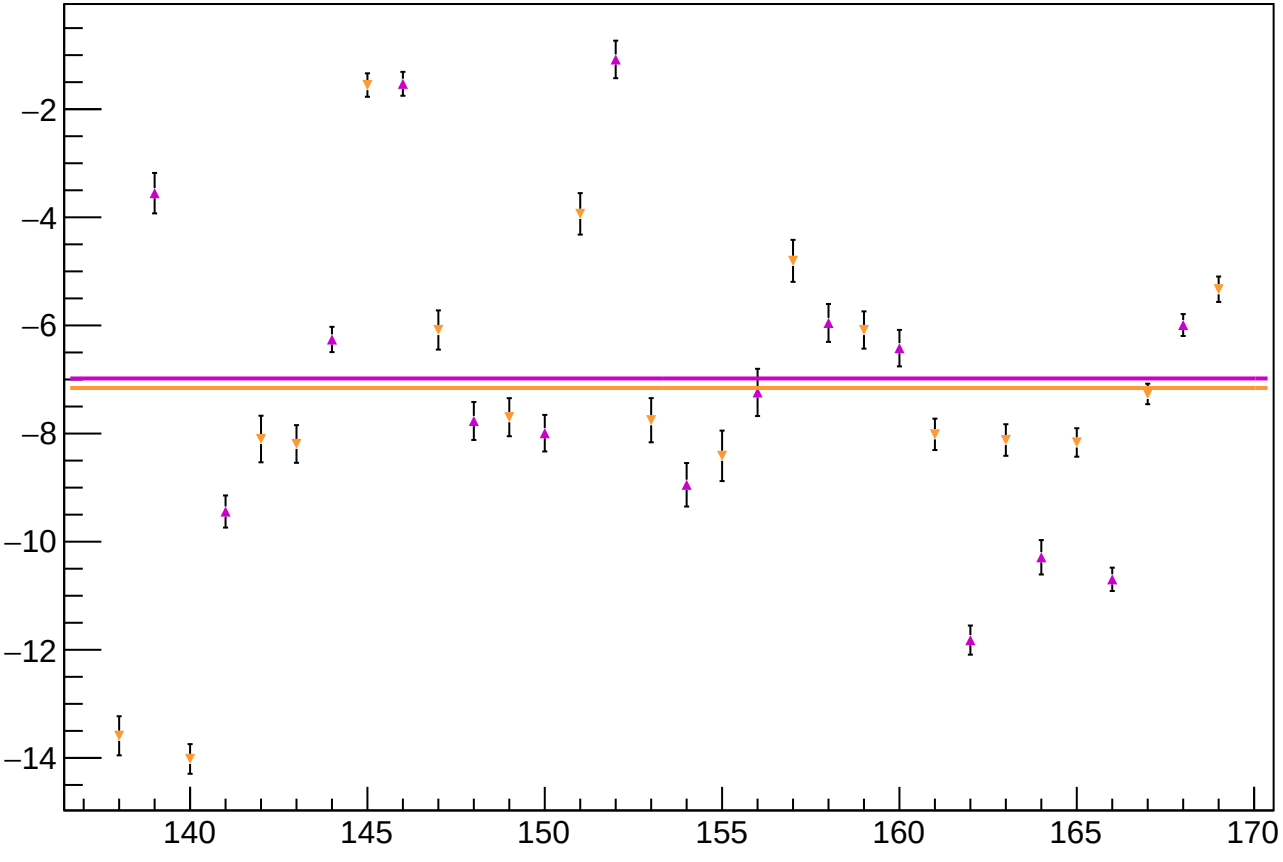
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.002+/-0.009 χ^2/NDF:765.3/14

Out: 0.044+/-0.009 χ^2/NDF:423.0/16

All: 0.024+/-0.006 χ^2/NDF: 1199.9/31

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: -7.157+/-0.073 χ^2/NDF:1853.6/16

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

Left In: -6.981+/-0.074 χ^2/NDF:1860.8/14

Left: -7.071+/-0.052 χ^2/NDF: 3717.2/31

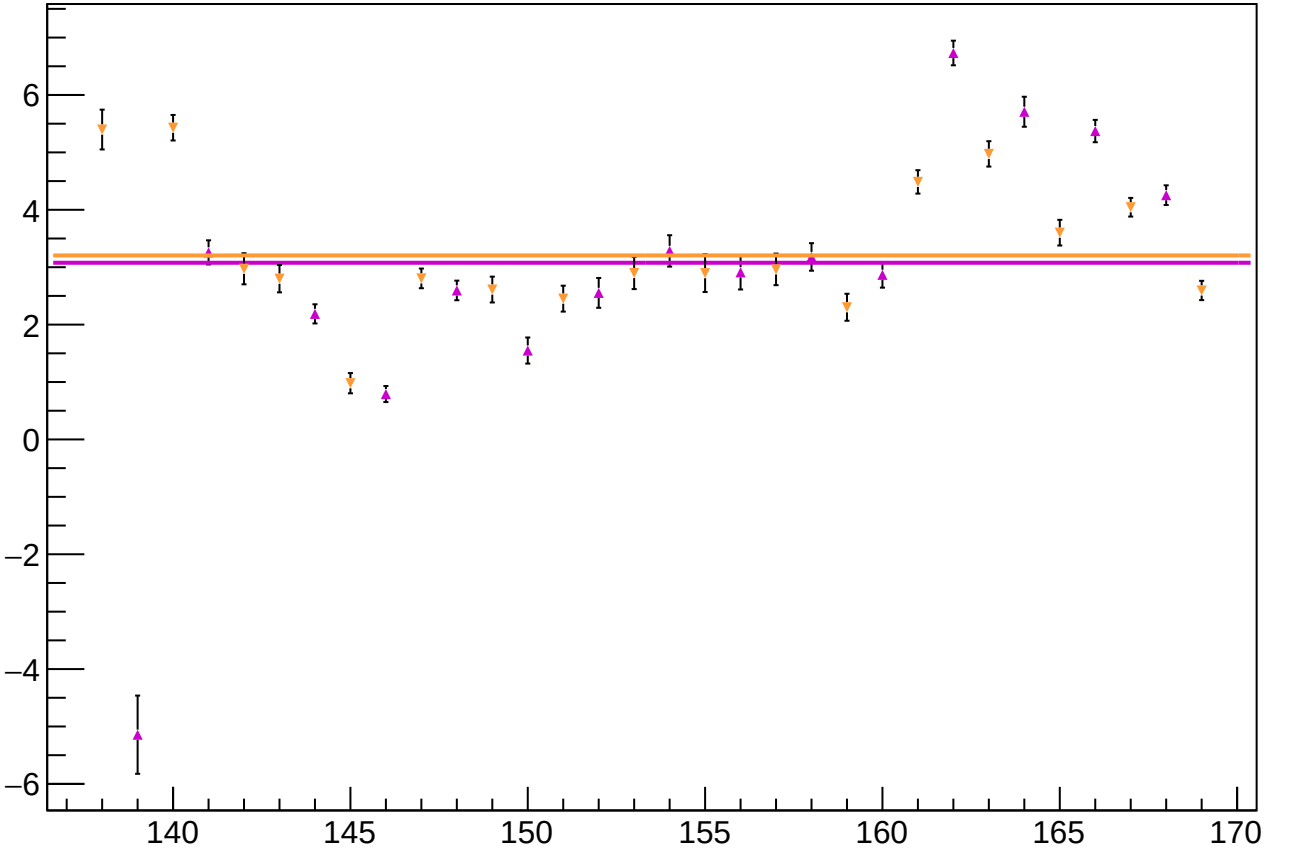
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.981+/-0.074 χ^2/NDF:1860.8/14

Out: -7.157+/-0.073 χ^2/NDF:1853.6/16

All: -7.071+/-0.052 χ^2/NDF: 3717.2/31

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: 3.205+/-0.053 χ^2/NDF:490.8/16

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

Left In: 3.078+/-0.054 χ^2/NDF:1079.9/14

Left: 3.143+/-0.038 χ^2/NDF: 1573.5/31

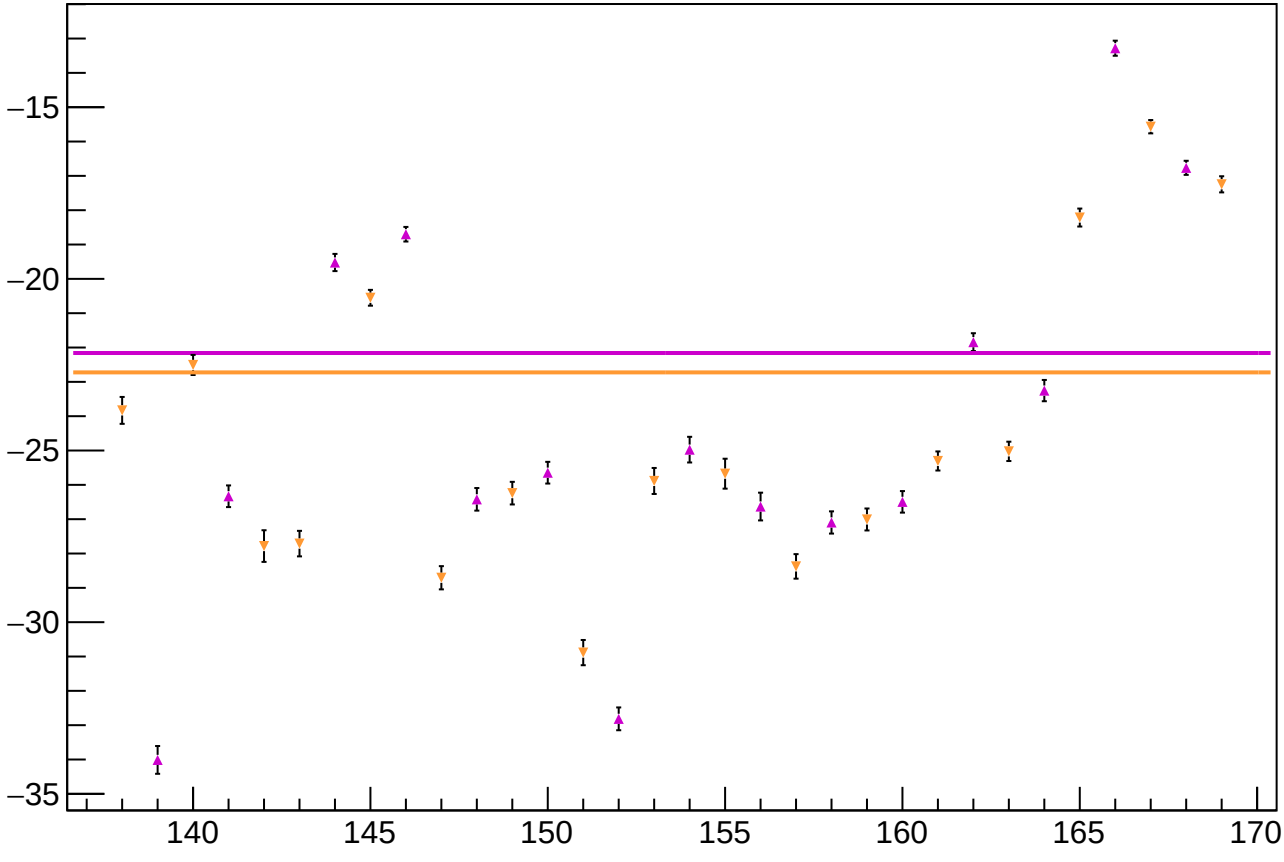
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.078+/-0.054 χ^2/NDF:1079.9/14

Out: 3.205+/-0.053 χ^2/NDF:490.8/16

All: 3.143+/-0.038 χ^2/NDF: 1573.5/31

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: -22.724+/-0.073 χ^2/NDF:4213.8/16

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

Left In: -22.159+/-0.073 χ^2/NDF:5666.9/14

Left: -22.445+/-0.052 χ^2/NDF: 9910.5/31

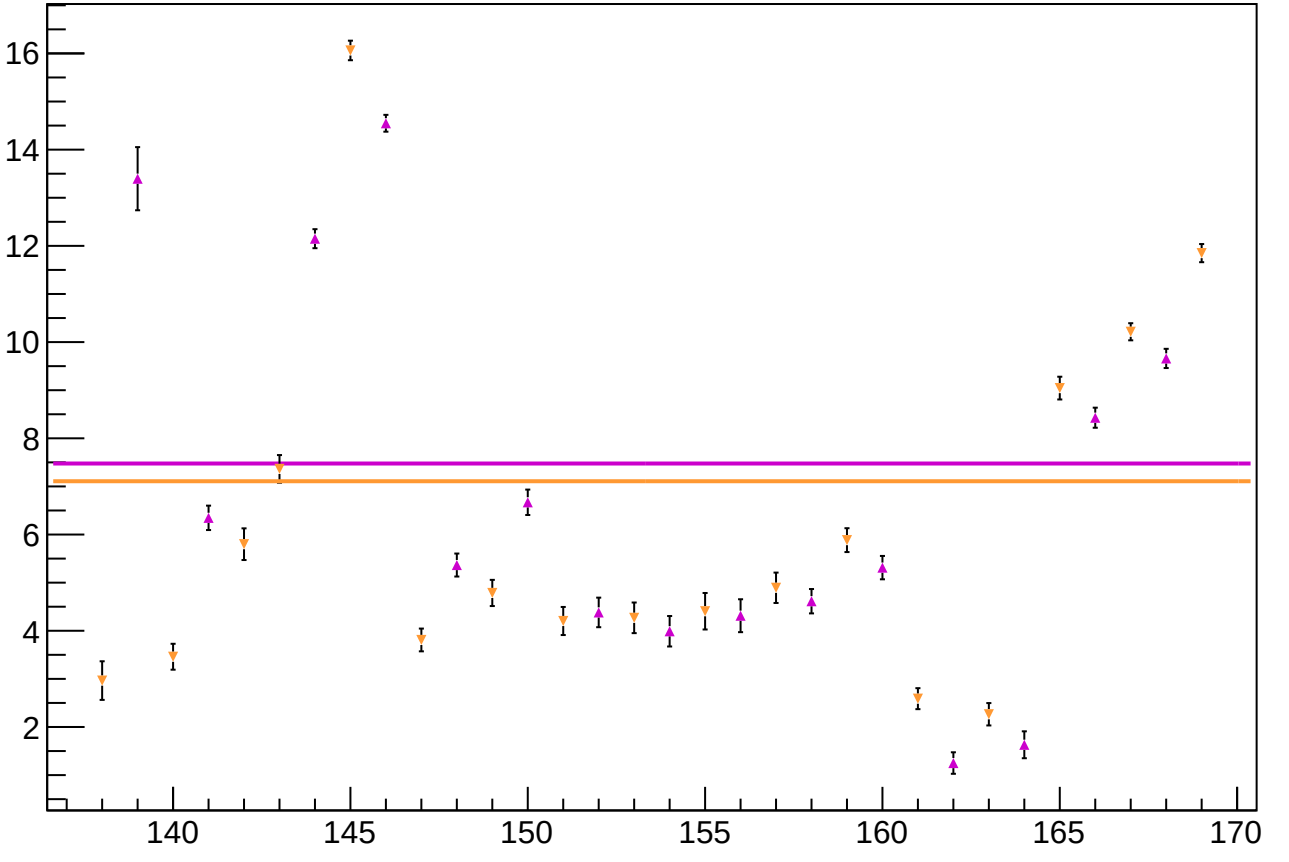
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.159+/-0.073 χ^2/NDF:5666.9/14

Out: -22.724+/-0.073 χ^2/NDF:4213.8/16

All: -22.445+/-0.052 χ^2/NDF: 9910.5/31

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: 7.108+/-0.061 χ^2/NDF:4685.4/16

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

Left In: 7.476+/-0.063 χ^2/NDF:4250.8/14

Left: 7.286+/-0.044 χ^2/NDF: 8953.8/31

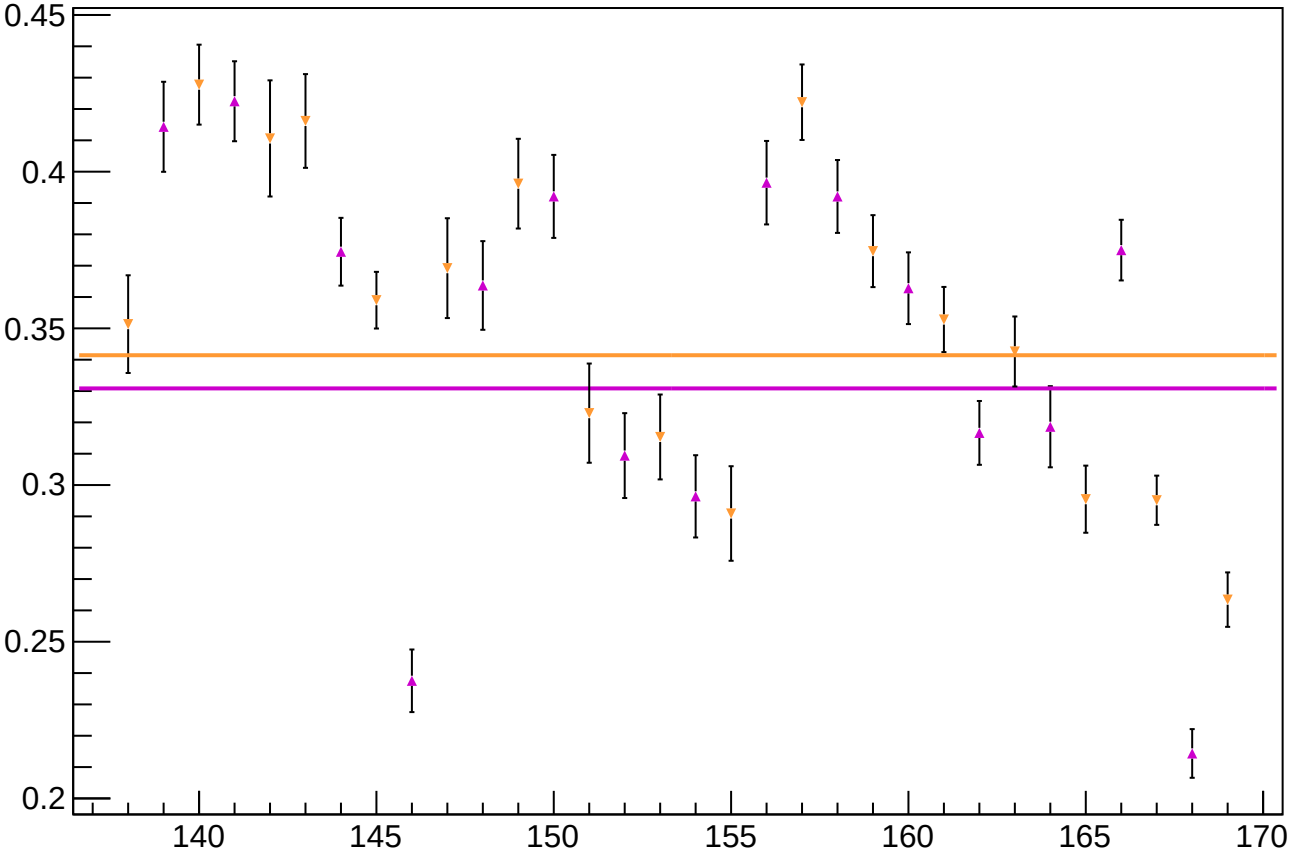
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.476+/-0.063 χ^2/NDF:4250.8/14

Out: 7.108+/-0.061 χ^2/NDF:4685.4/16

All: 7.286+/-0.044 χ^2/NDF: 8953.8/31

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: 0.341+/-0.003 χ^2/NDF:311.1/16

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

Left In: 0.331+/-0.003 χ^2/NDF:533.4/14

Left: 0.336+/-0.002 χ^2/NDF: 851.1/31

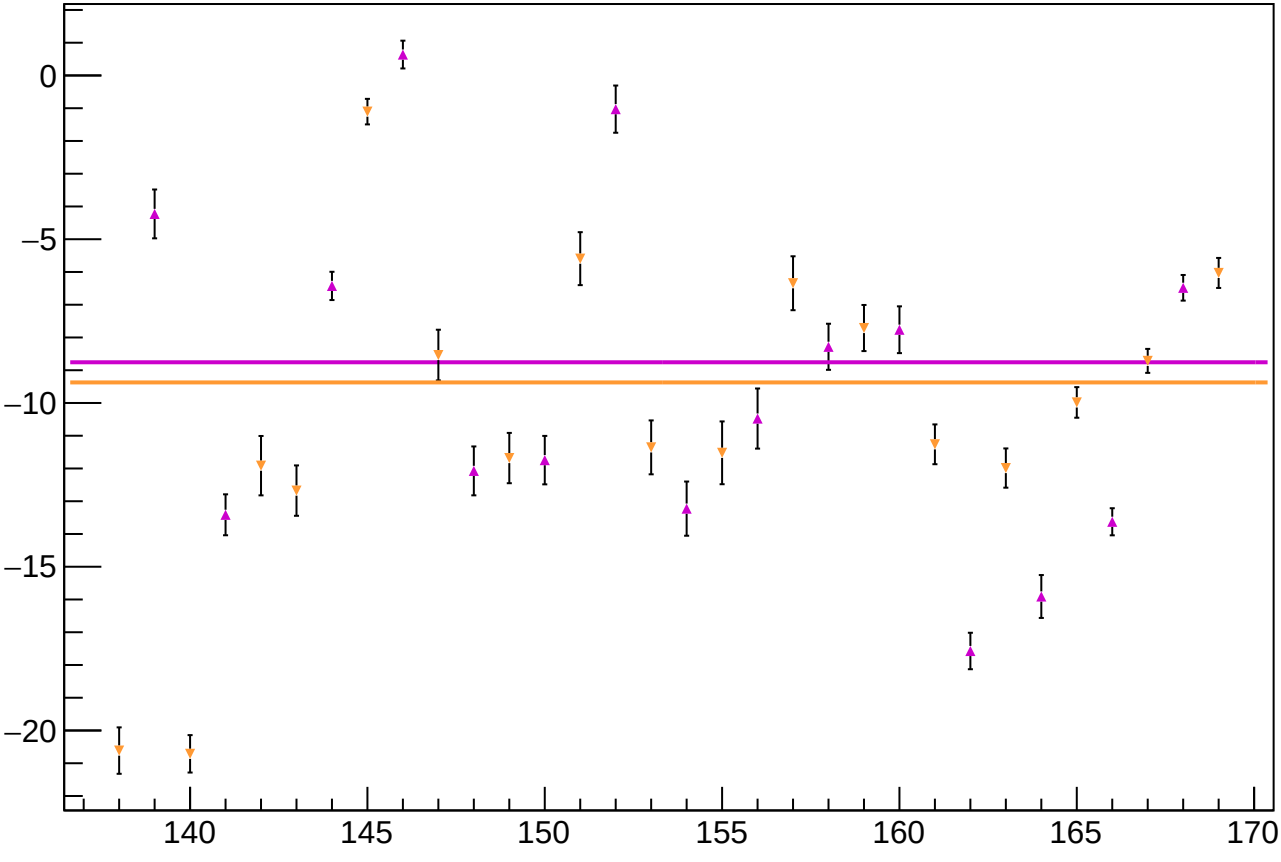
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.331+/-0.003 χ^2/NDF:533.4/14

Out: 0.341+/-0.003 χ^2/NDF:311.1/16

All: 0.336+/-0.002 χ^2/NDF: 851.1/31

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: -9.372+/-0.145 χ^2/NDF:1269.9/16

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

Left In: -8.757+/-0.148 χ^2/NDF:1340.6/14

Left: -9.073+/-0.104 χ^2/NDF: 2619.3/31

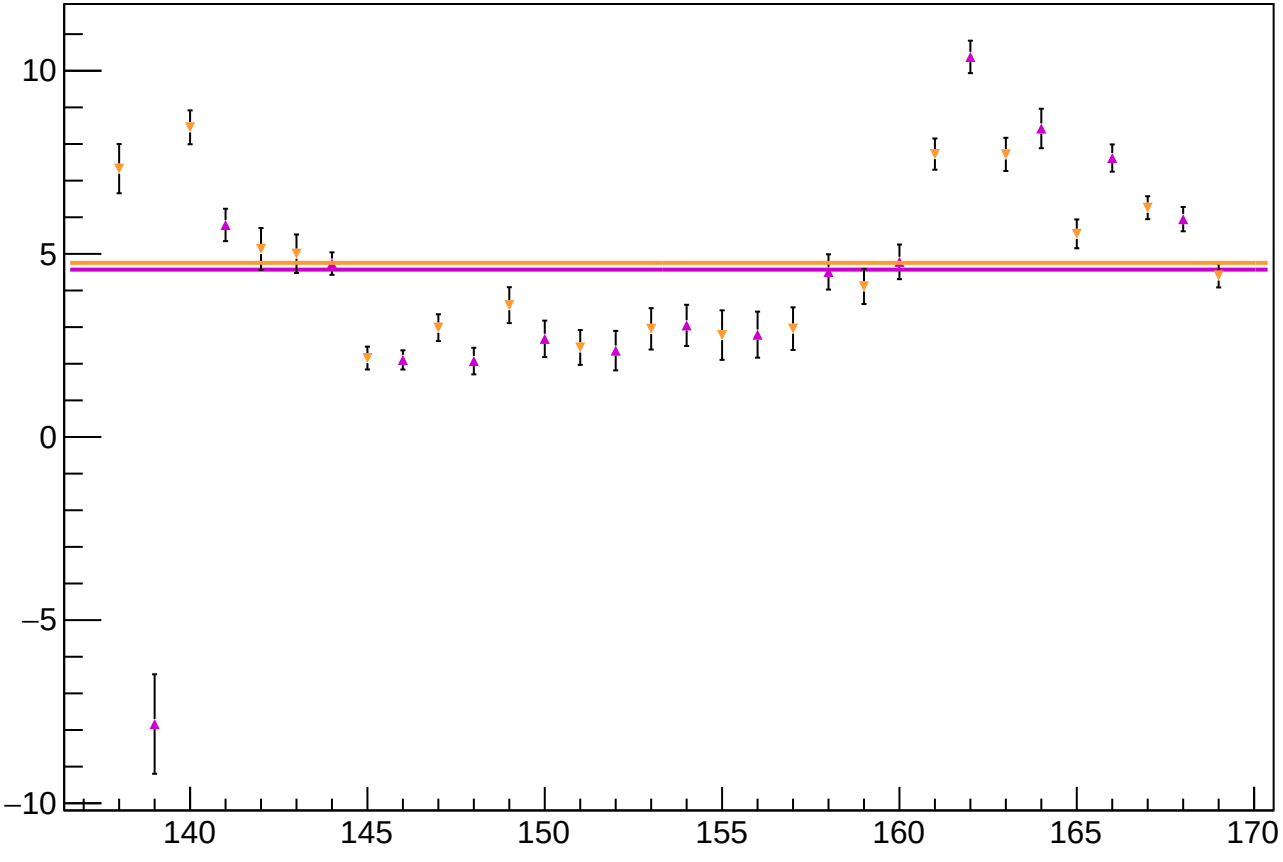
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.757+/-0.148 χ^2/NDF:1340.6/14

Out: -9.372+/-0.145 χ^2/NDF:1269.9/16

All: -9.073+/-0.104 χ^2/NDF: 2619.3/31

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: 4.756+/-0.106 χ^2/NDF:351.0/16

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

Left In: 4.570+/-0.108 χ^2/NDF:581.5/14

Left: 4.665+/-0.076 χ^2/NDF: 934.0/31

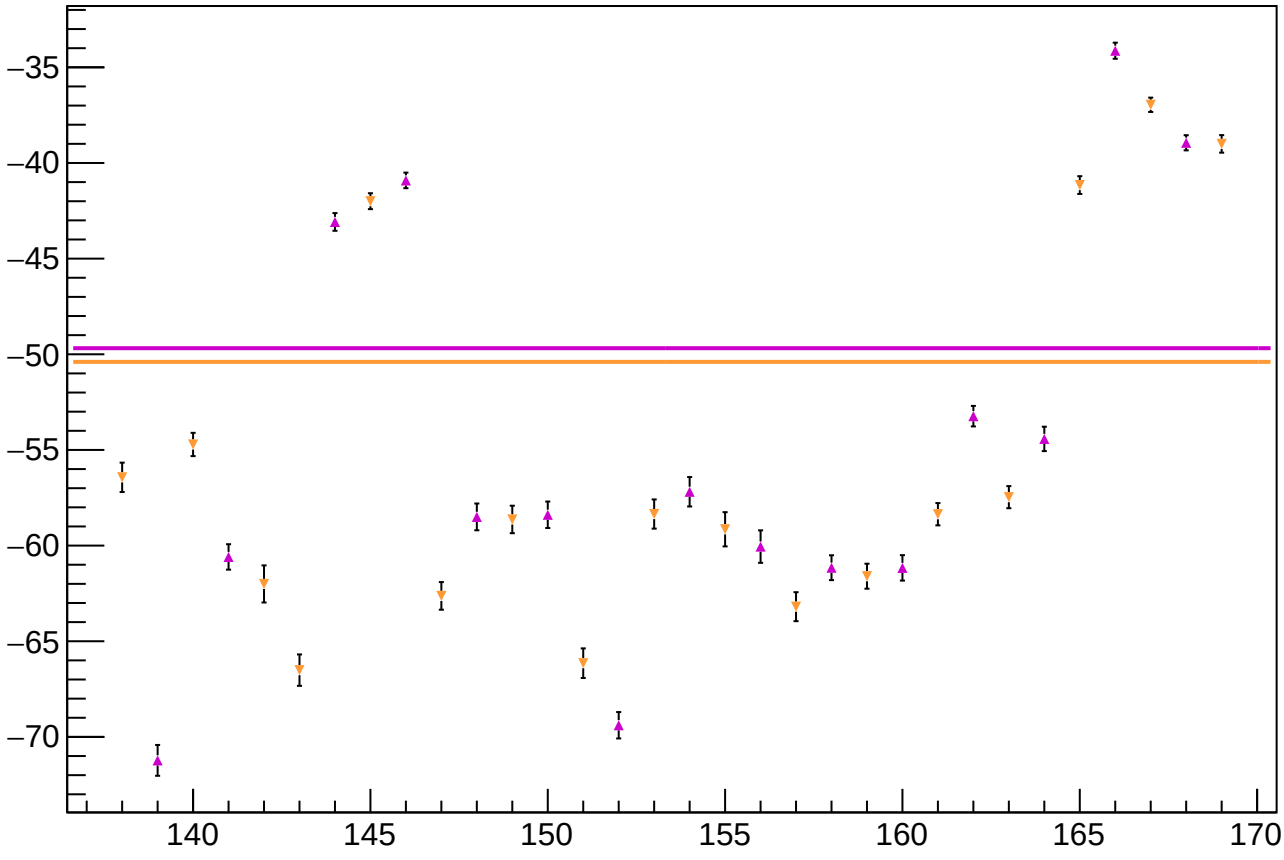
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.570+/-0.108 χ^2/NDF:581.5/14

Out: 4.756+/-0.106 χ^2/NDF:351.0/16

All: 4.665+/-0.076 χ^2/NDF: 934.0/31

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: -50.397+/-0.145 χ^2/NDF:5304.6/16

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

Left In: -49.682+/-0.147 χ^2/NDF:5838.3/14

Left: -50.045+/-0.103 χ^2/NDF: 11154.9/31

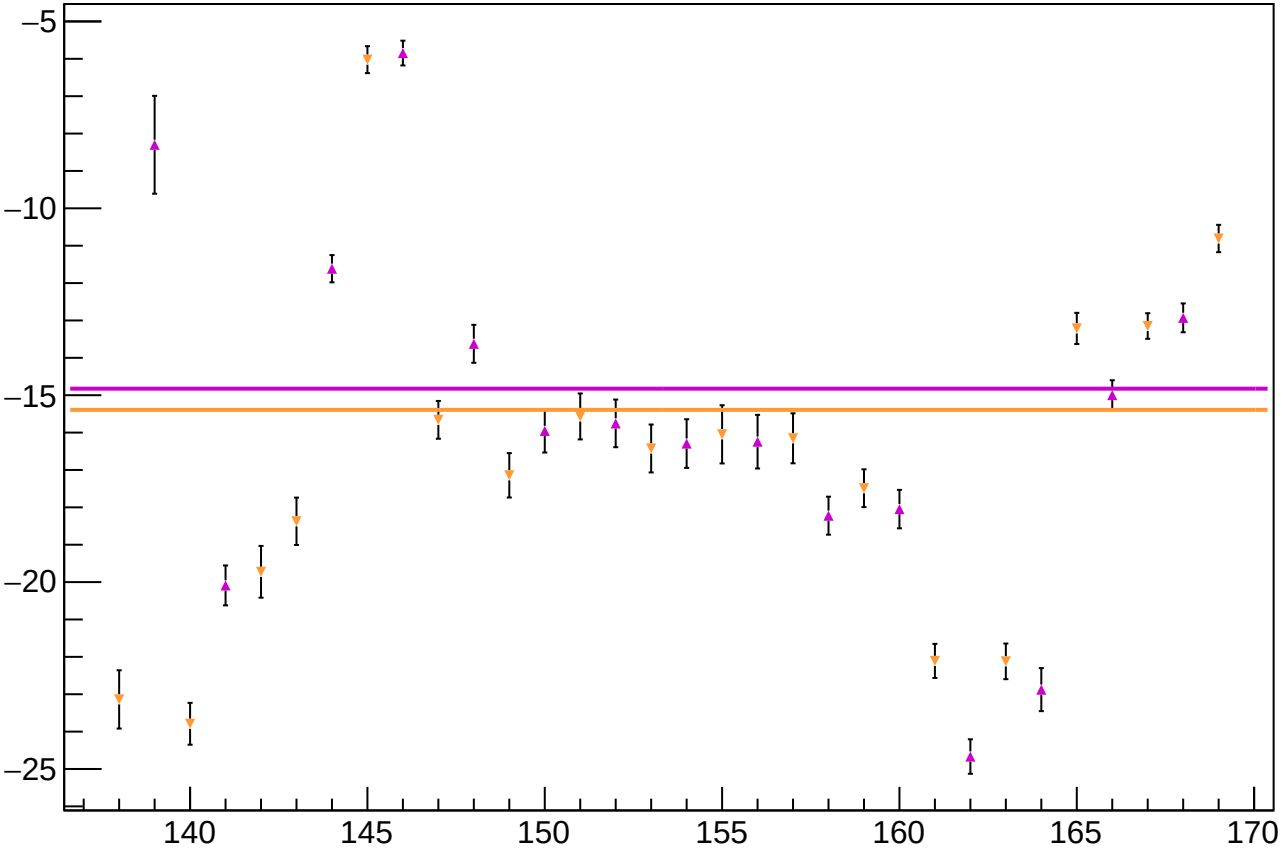
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -49.682+/-0.147 χ^2/NDF:5838.3/14

Out: -50.397+/-0.145 χ^2/NDF:5304.6/16

All: -50.045+/-0.103 χ^2/NDF: 11154.9/31

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: -15.392+/-0.122 χ^2/NDF:1732.8/16

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

Left In: -14.825+/-0.126 χ^2/NDF:1713.2/14

Left: -15.119+/-0.088 χ^2/NDF: 3456.4/31

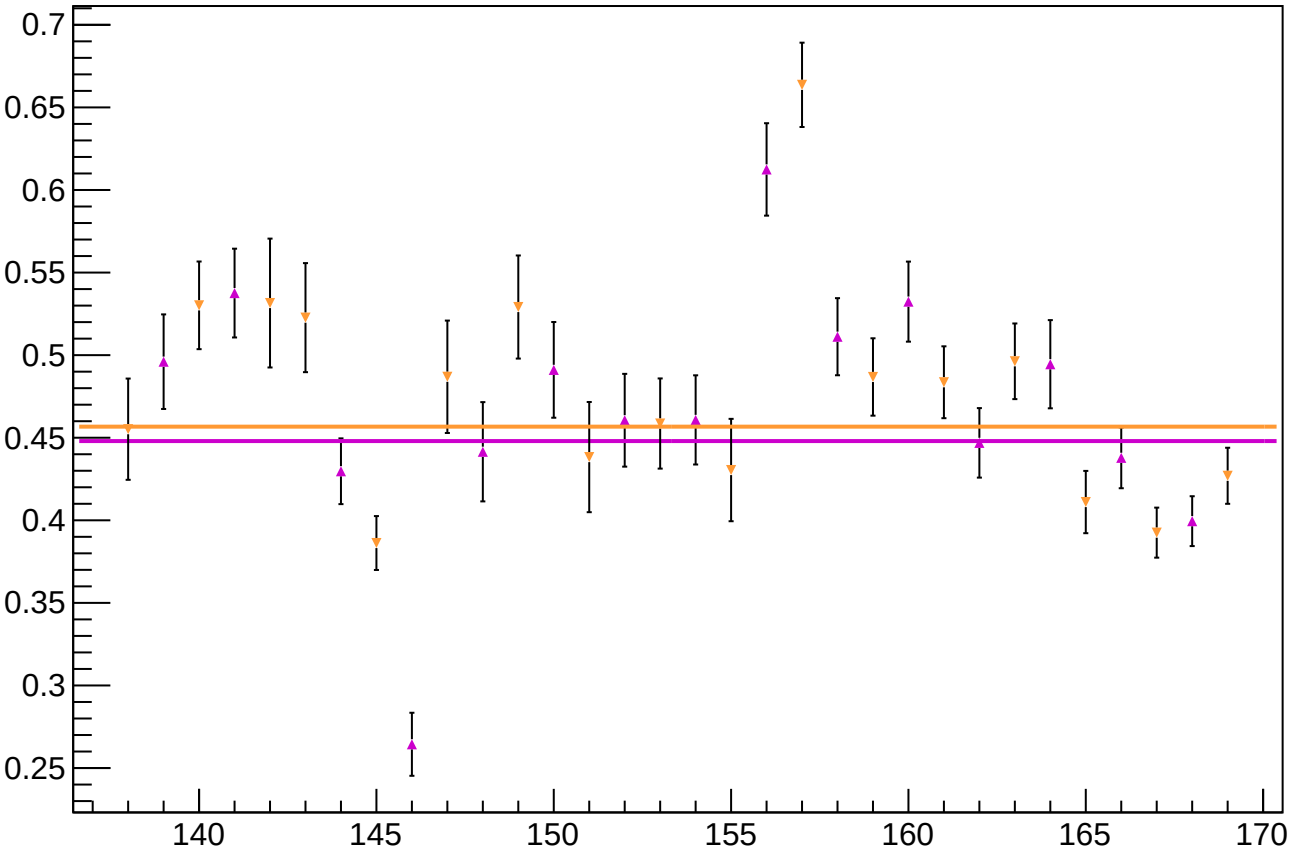
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.825+/-0.126 χ^2/NDF:1713.2/14

Out: -15.392+/-0.122 χ^2/NDF:1732.8/16

All: -15.119+/-0.088 χ^2/NDF: 3456.4/31

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: 0.457+/-0.006 χ^2/NDF:139.9/16

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

Left In: 0.448+/-0.006 χ^2/NDF:177.7/14

Left: 0.453+/-0.004 χ^2/NDF: 318.7/31

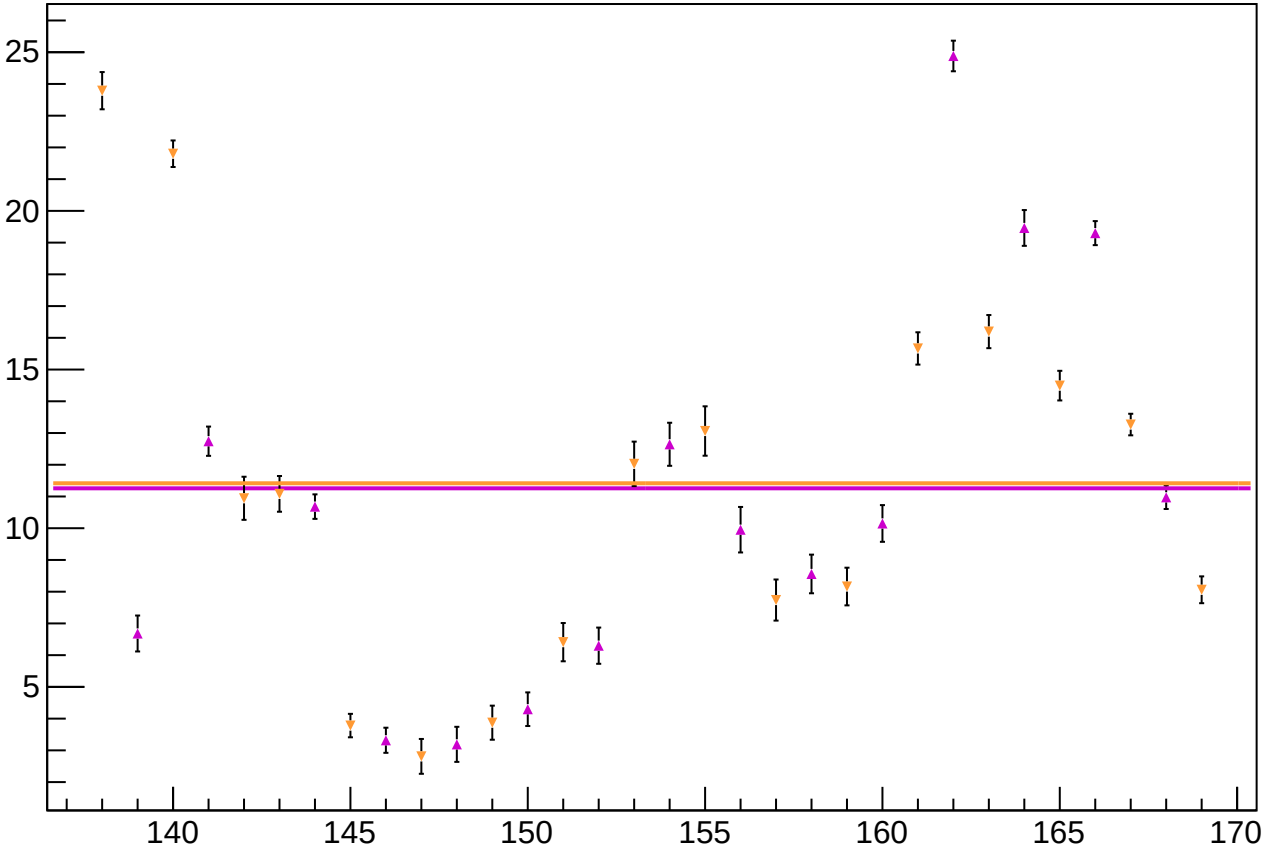
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.448+/-0.006 χ^2/NDF:177.7/14

Out: 0.457+/-0.006 χ^2/NDF:139.9/16

All: 0.453+/-0.004 χ^2/NDF: 318.7/31

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: 11.416+/-0.123 χ^2/NDF:2358.2/16

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

Left In: 11.257+/-0.127 χ^2/NDF:2434.0/14

Left: 11.339+/-0.088 χ^2/NDF: 4793.0/31

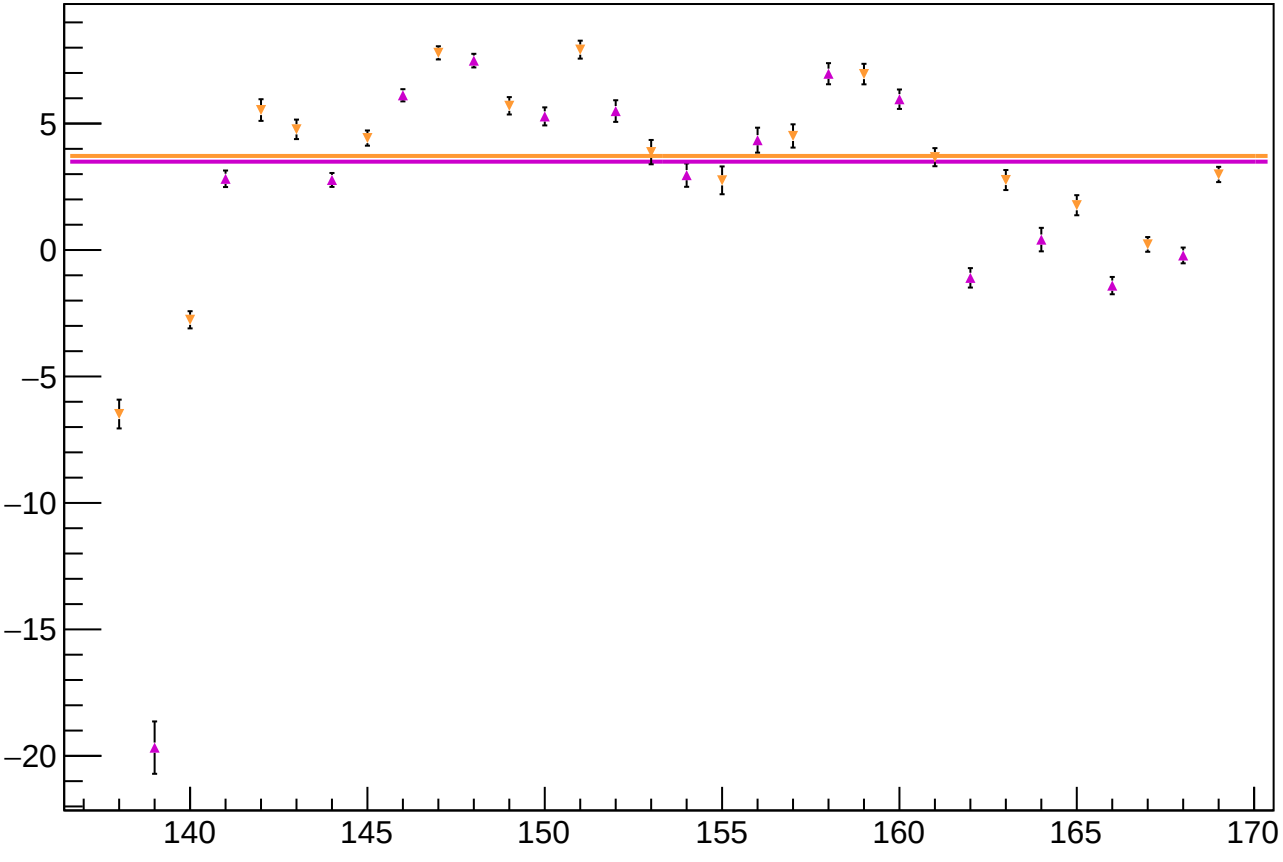
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.257+/-0.127 χ^2/NDF:2434.0/14

Out: 11.416+/-0.123 χ^2/NDF:2358.2/16

All: 11.339+/-0.088 χ^2/NDF: 4793.0/31

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: 3.720+/-0.088 χ^2/NDF:1383.7/16

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

Left In: 3.492+/-0.092 χ^2/NDF:1545.2/14

Left: 3.610+/-0.064 χ^2/NDF: 2932.1/31

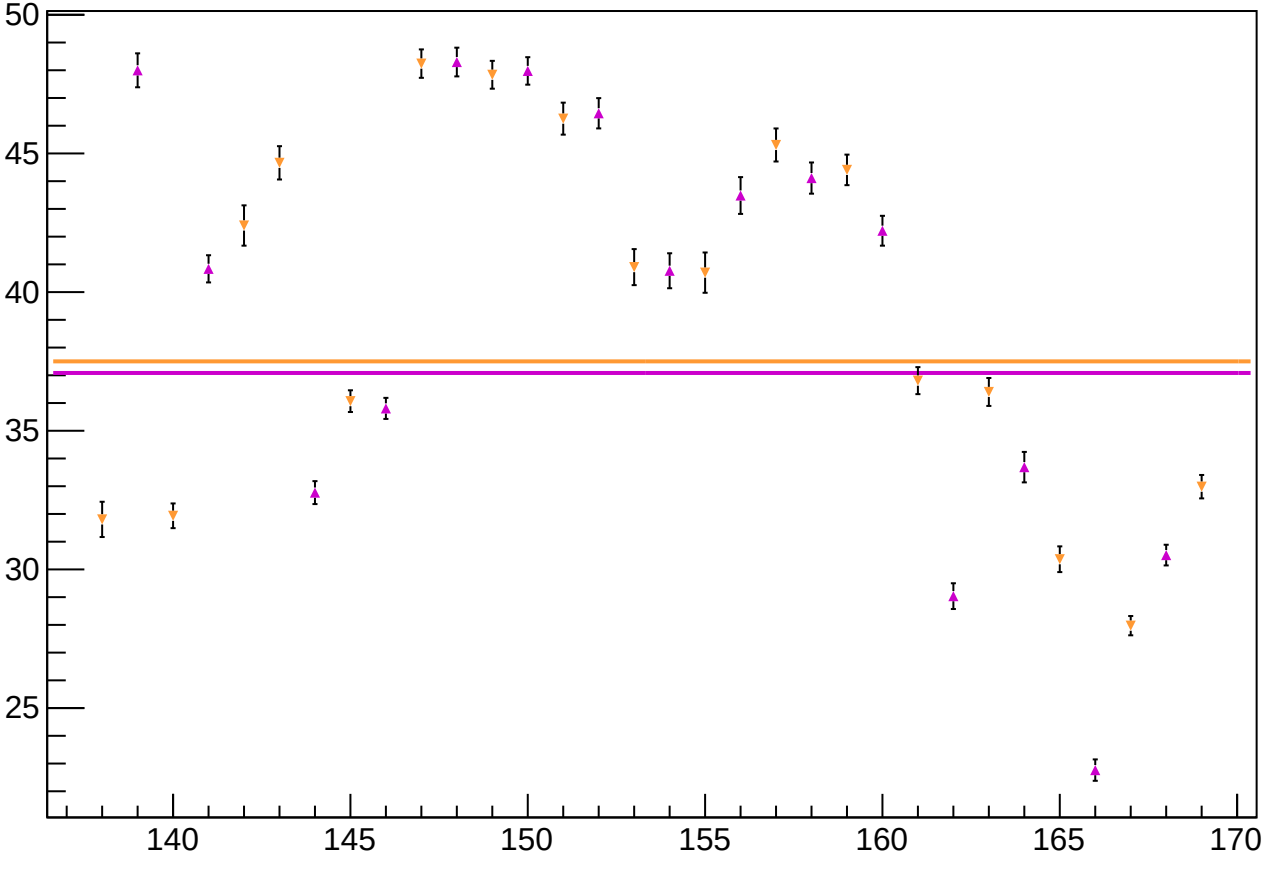
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.492+/-0.092 χ^2/NDF:1545.2/14

Out: 3.720+/-0.088 χ^2/NDF:1383.7/16

All: 3.610+/-0.064 χ^2/NDF: 2932.1/31

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: 37.502+/-0.123 χ^2/NDF:3014.6/16

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

Left In: 37.084+/-0.125 χ^2/NDF:4143.2/14

Left: 37.297+/-0.088 χ^2/NDF: 7163.6/31

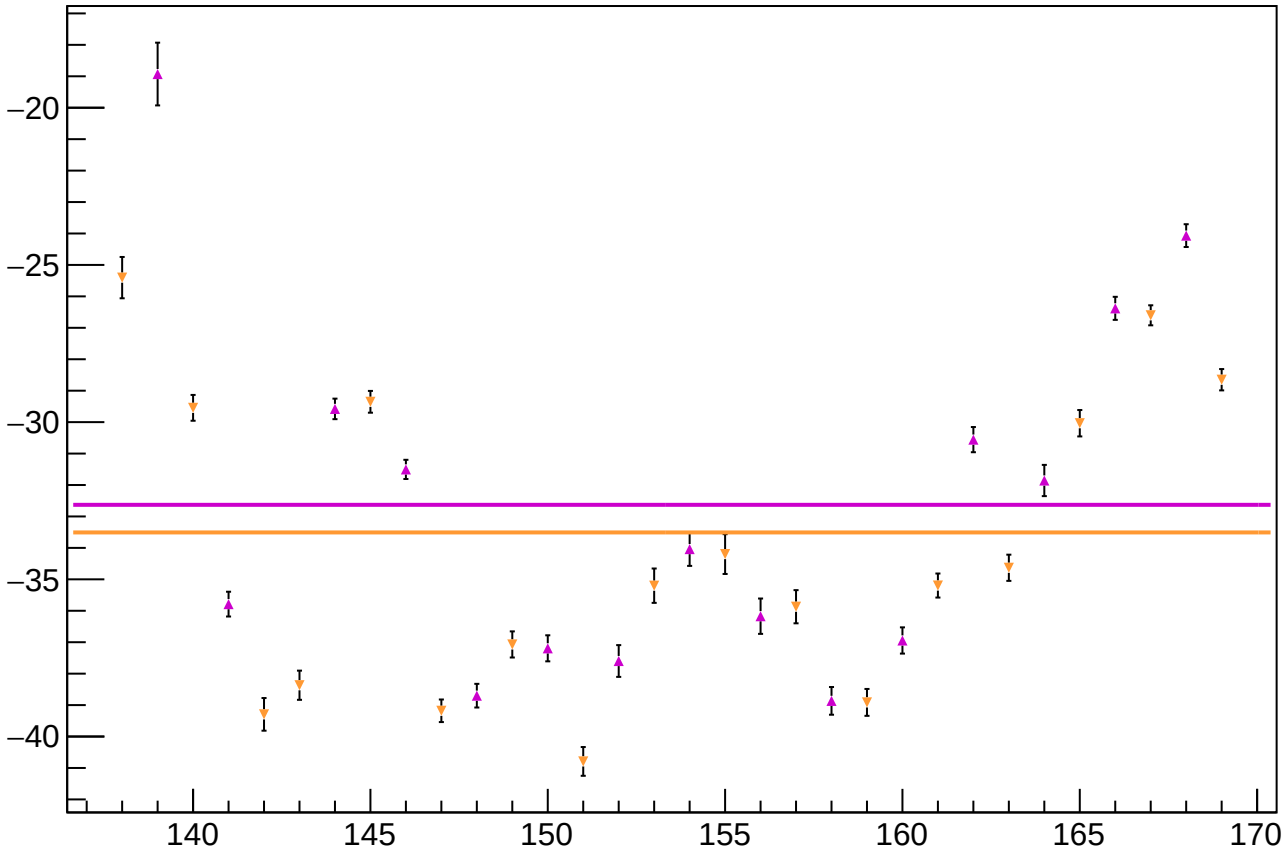
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 37.084+/-0.125 χ^2/NDF:4143.2/14

Out: 37.502+/-0.123 χ^2/NDF:3014.6/16

All: 37.297+/-0.088 χ^2/NDF: 7163.6/31

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: -33.508+/-0.103 χ^2/NDF:2160.2/16

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

Left In: -32.630+/-0.107 χ^2/NDF:2063.7/14

Left: -33.088+/-0.074 χ^2/NDF: 4259.0/31

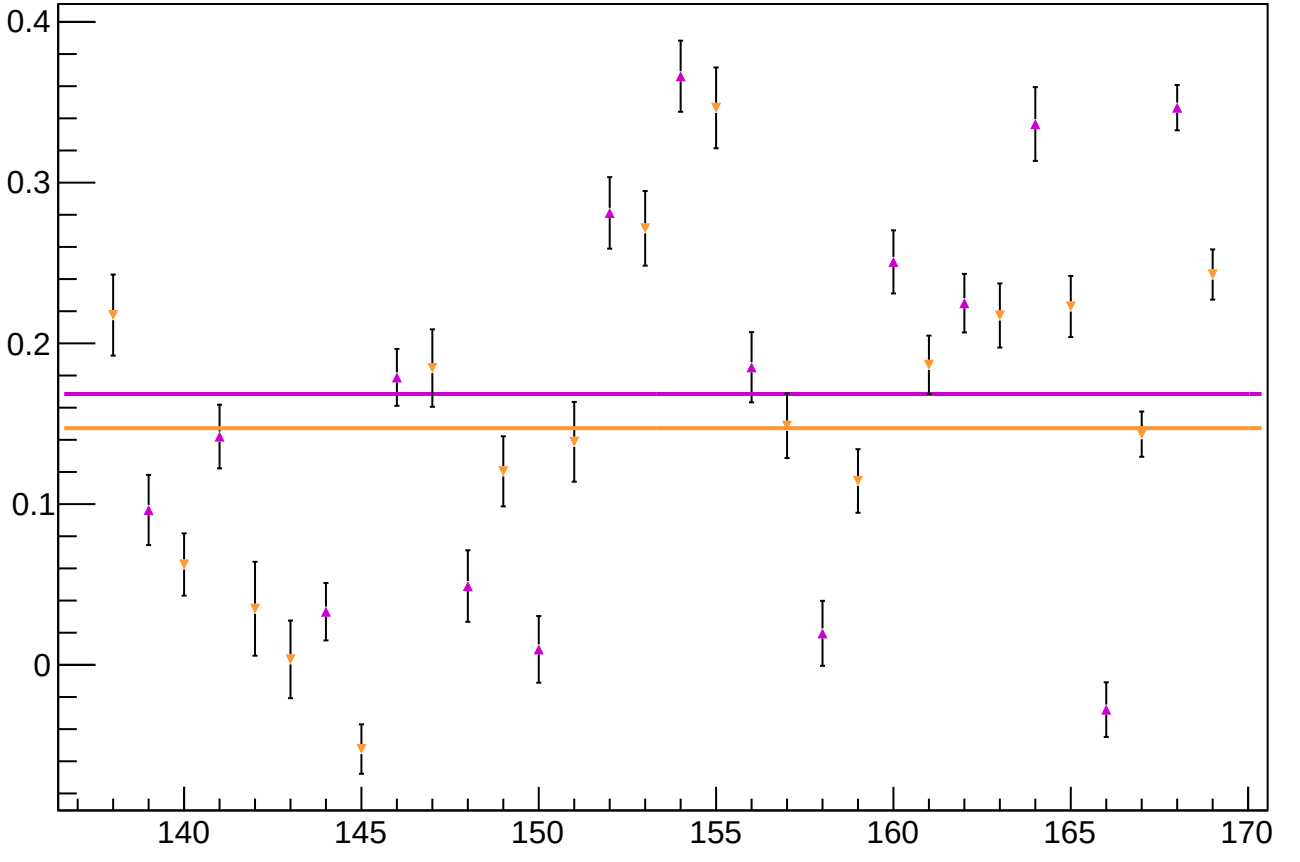
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.630+/-0.107 χ^2/NDF:2063.7/14

Out: -33.508+/-0.103 χ^2/NDF:2160.2/16

All: -33.088+/-0.074 χ^2/NDF: 4259.0/31

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: 0.147+/-0.005 χ^2/NDF:414.6/16

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

Left In: 0.169+/-0.005 χ^2/NDF:692.4/14

Left: 0.158+/-0.003 χ^2/NDF: 1116.3/31

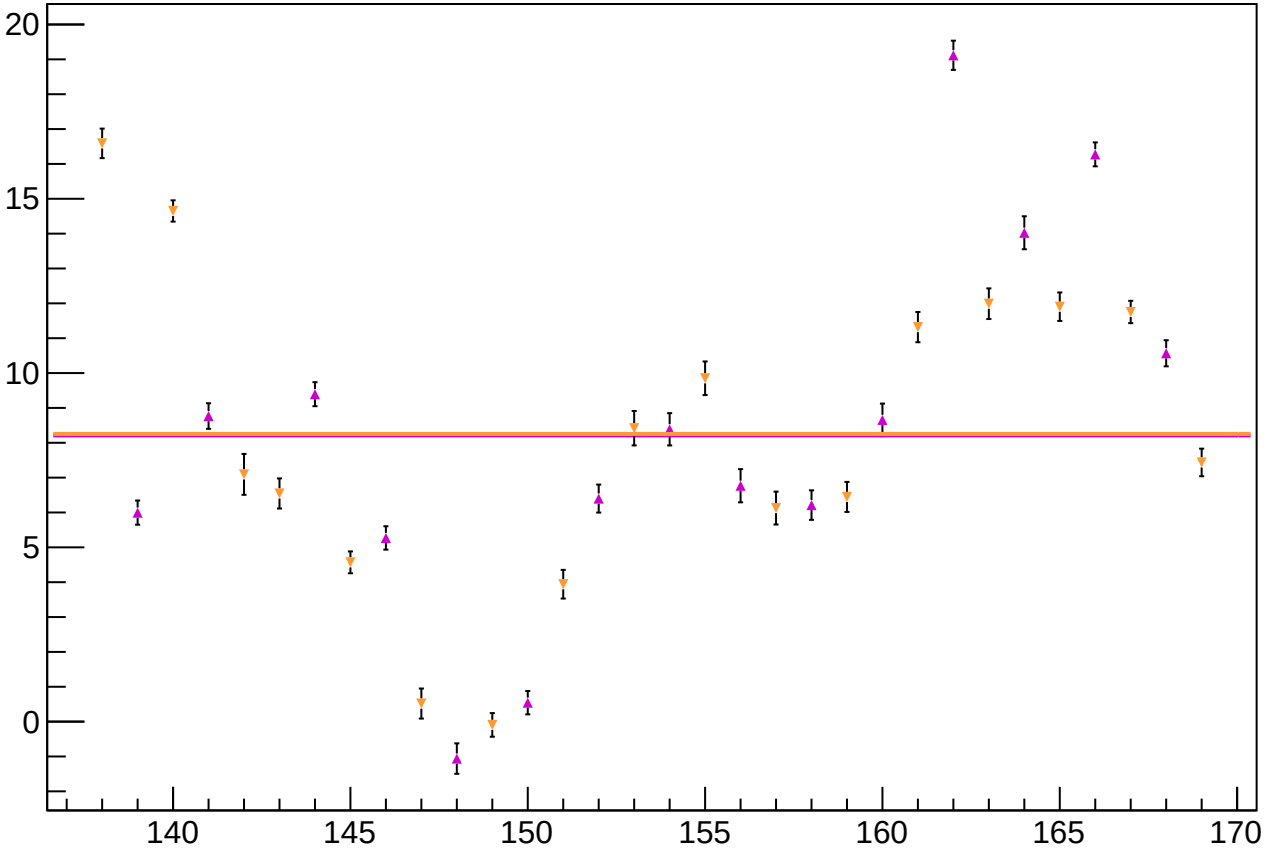
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.169+/-0.005 χ^2/NDF:692.4/14

Out: 0.147+/-0.005 χ^2/NDF:414.6/16

All: 0.158+/-0.003 χ^2/NDF: 1116.3/31

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: 8.254+/-0.097 χ^2/NDF:2396.0/16

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

Left In: 8.211+/-0.101 χ^2/NDF:2577.8/14

Left: 8.233+/-0.070 χ^2/NDF: 4973.9/31

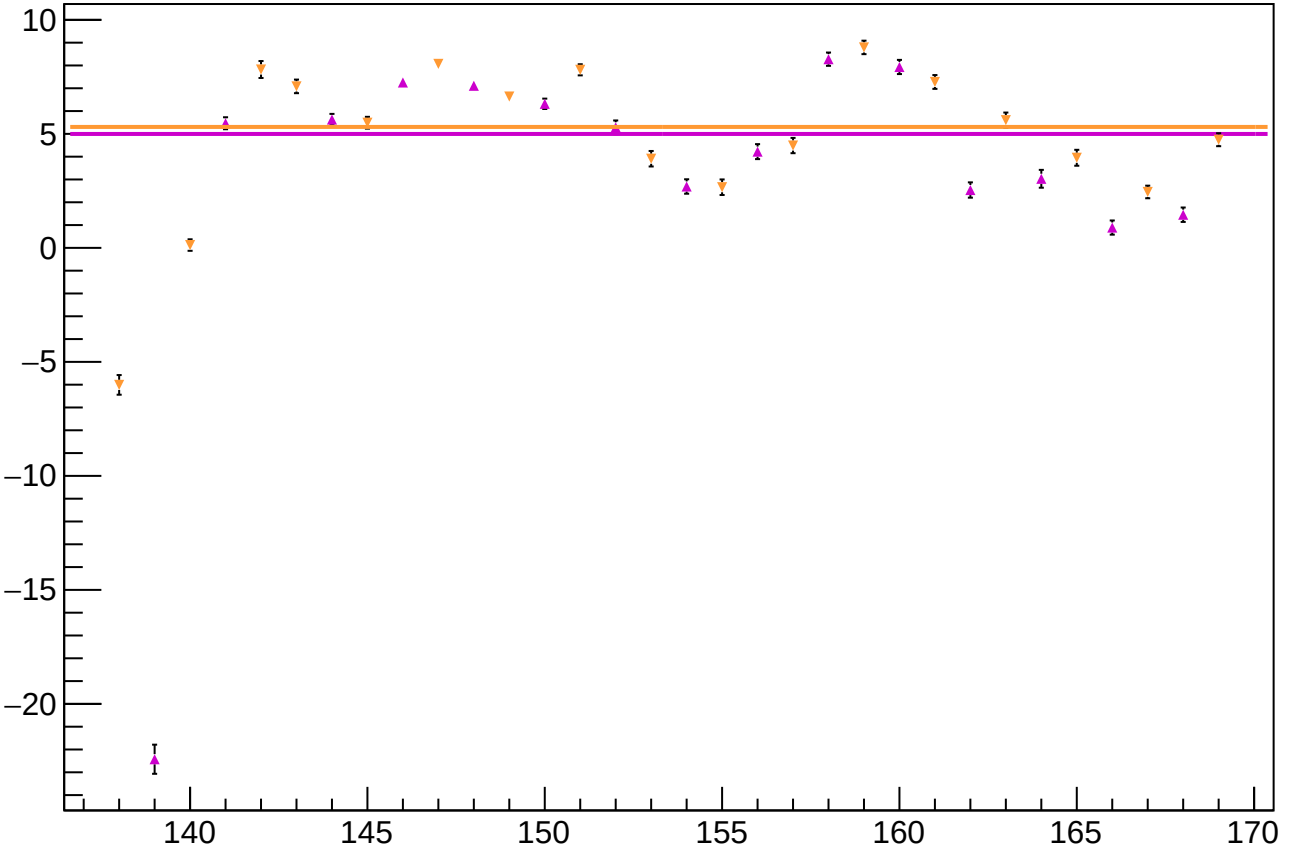
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.211+/-0.101 χ^2/NDF:2577.8/14

Out: 8.254+/-0.097 χ^2/NDF:2396.0/16

All: 8.233+/-0.070 χ^2/NDF: 4973.9/31

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: 5.304+/-0.070 χ^2/NDF:1900.9/16

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

Left In: 4.996+/-0.074 χ^2/NDF:2747.4/14

Left: 5.159+/-0.051 χ^2/NDF: 4657.6/31

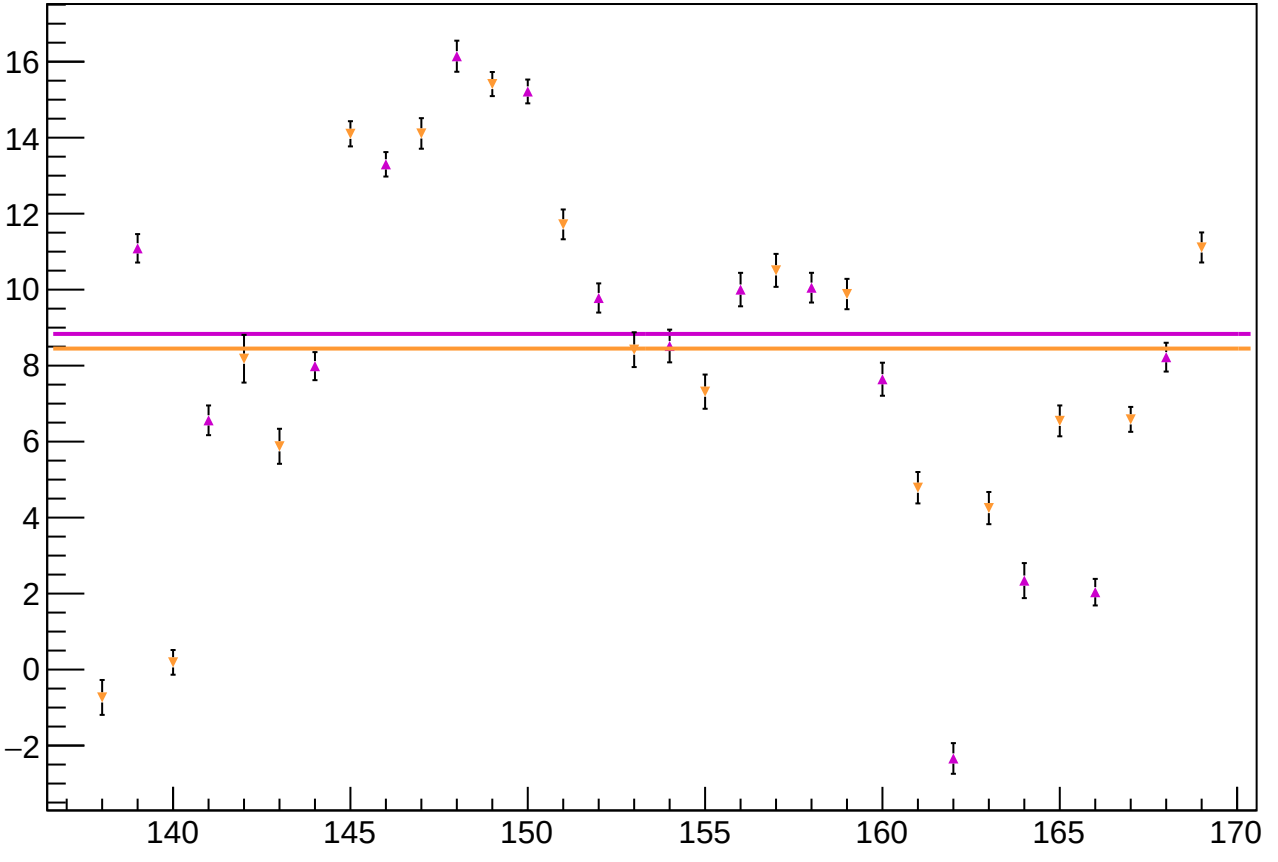
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.996+/-0.074 χ^2/NDF:2747.4/14

Out: 5.304+/-0.070 χ^2/NDF:1900.9/16

All: 5.159+/-0.051 χ^2/NDF: 4657.6/31

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: 8.449+/-0.096 χ^2/NDF:2433.0/16

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

Left In: 8.834+/-0.099 χ^2/NDF:2376.4/14

Left: 8.636+/-0.069 χ^2/NDF: 4817.2/31

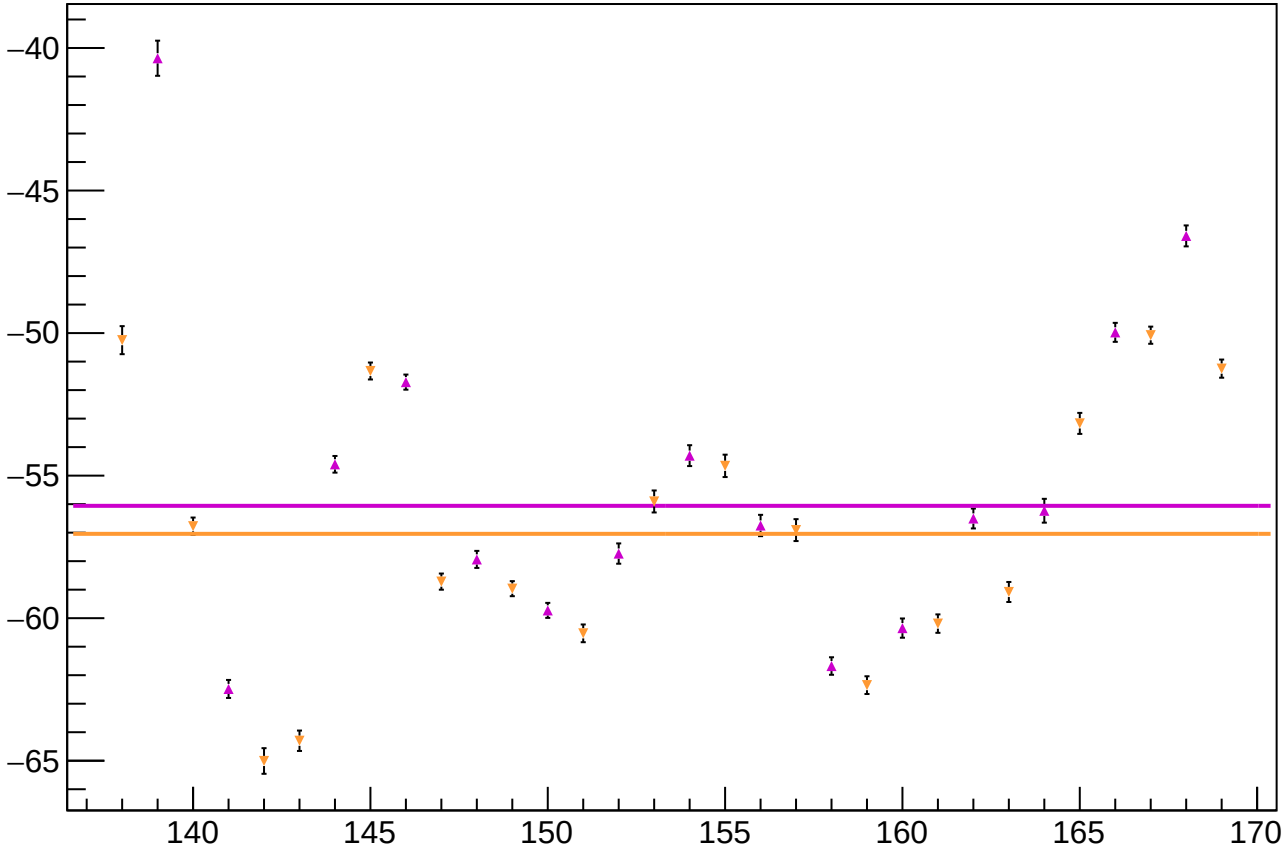
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.834+/-0.099 χ^2/NDF:2376.4/14

Out: 8.449+/-0.096 χ^2/NDF:2433.0/16

All: 8.636+/-0.069 χ^2/NDF: 4817.2/31

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -57.042+/-0.081 χ^2/NDF:2943.7/16

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

Left In: -56.059+/-0.086 χ^2/NDF:3132.5/14

Left: -56.577+/-0.059 χ^2/NDF: 6145.6/31

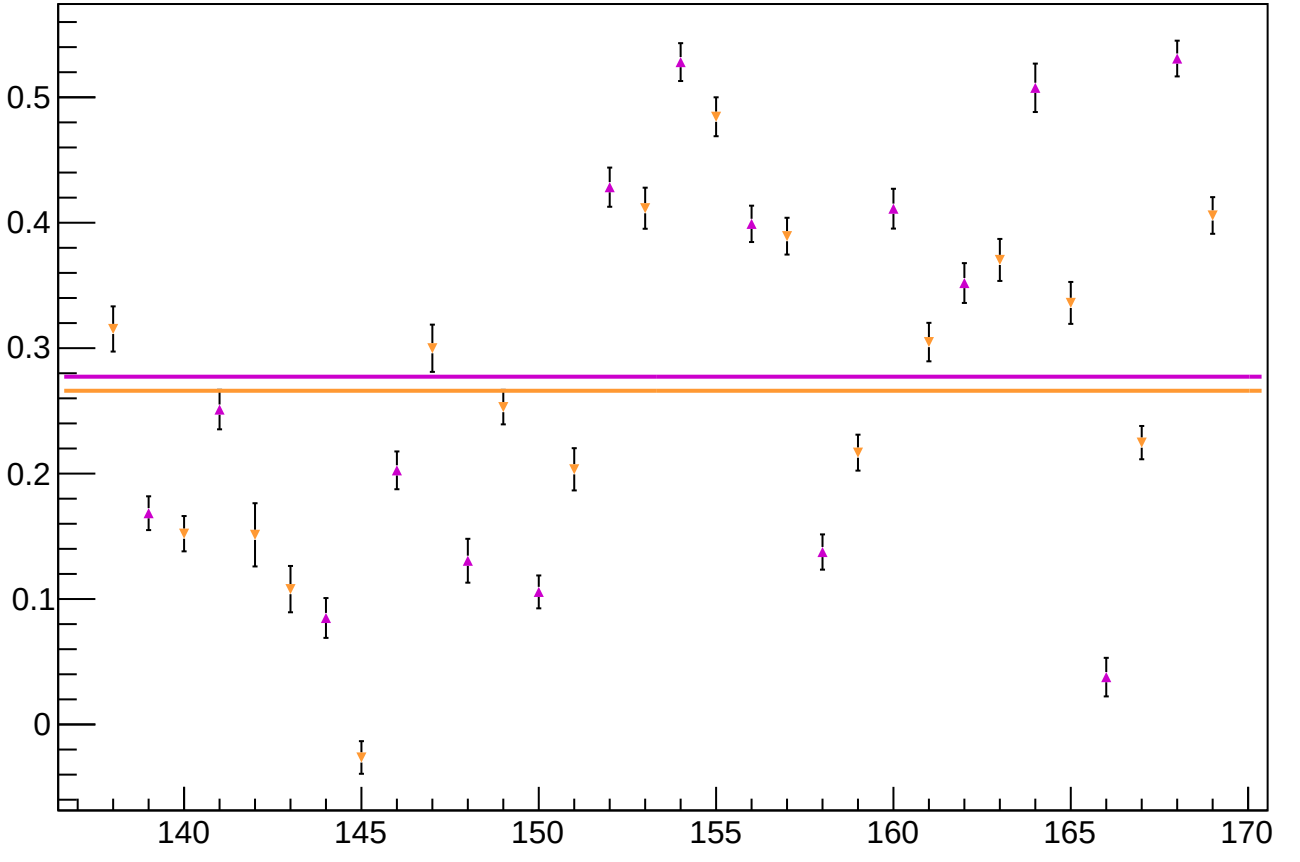
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.059+/-0.086 χ^2/NDF:3132.5/14

Out: -57.042+/-0.081 χ^2/NDF:2943.7/16

All: -56.577+/-0.059 χ^2/NDF: 6145.6/31

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: 0.266+/-0.004 χ^2/NDF:1213.4/16

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

Left In: 0.277+/-0.004 χ^2/NDF:1815.5/14

Left: 0.271+/-0.003 χ^2/NDF: 3033.2/31

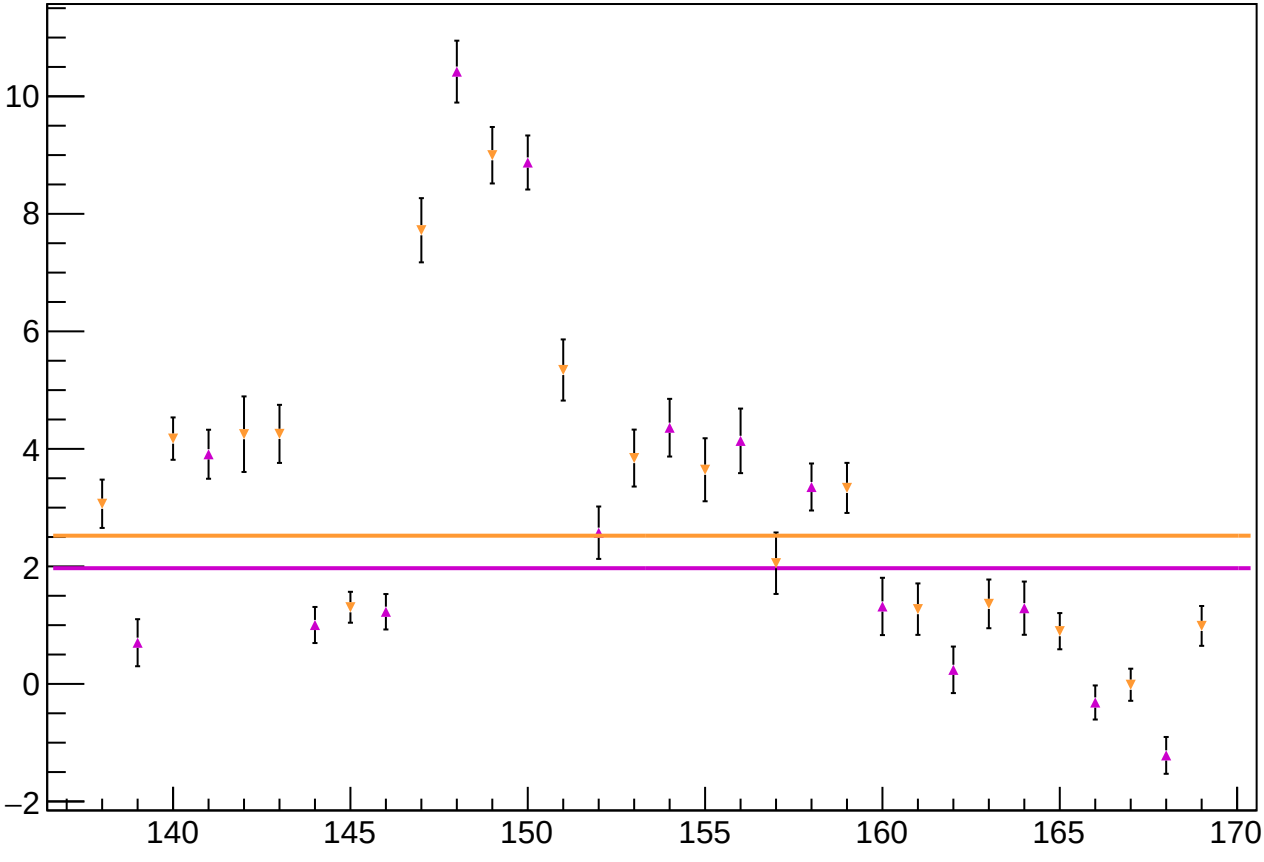
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.277+/-0.004 χ^2/NDF:1815.5/14

Out: 0.266+/-0.004 χ^2/NDF:1213.4/16

All: 0.271+/-0.003 χ^2/NDF: 3033.2/31

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: 2.523+/-0.097 χ^2/NDF:531.8/16

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

Left In: 1.969+/-0.101 χ^2/NDF:772.1/14

Left: 2.257+/-0.070 χ^2/NDF: 1319.5/31

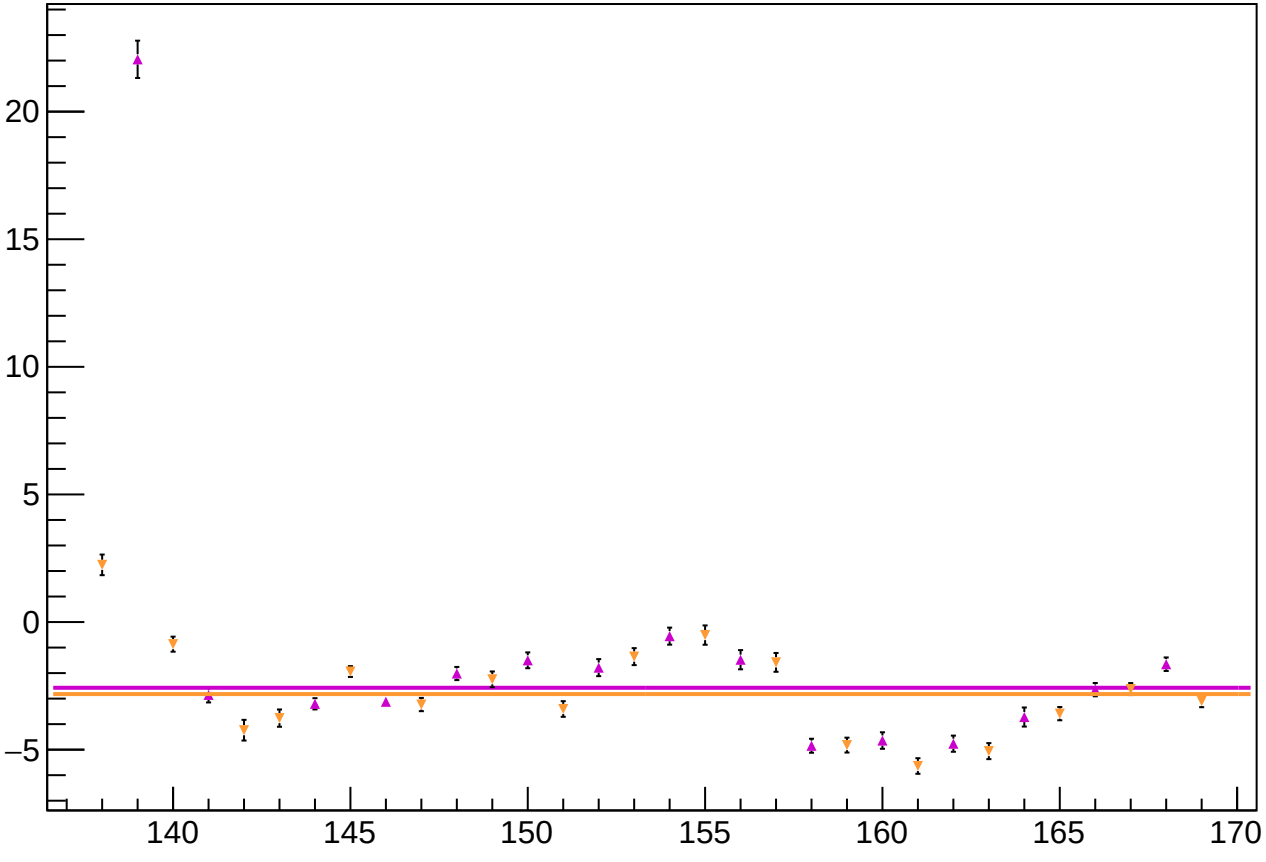
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.969+/-0.101 χ^2/NDF:772.1/14

Out: 2.523+/-0.097 χ^2/NDF:531.8/16

All: 2.257+/-0.070 χ^2/NDF: 1319.5/31

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: -2.823+/-0.071 χ^2/NDF:509.3/16

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

Left In: -2.575+/-0.075 χ^2/NDF:1398.2/14

Left: -2.704+/-0.052 χ^2/NDF: 1913.2/31

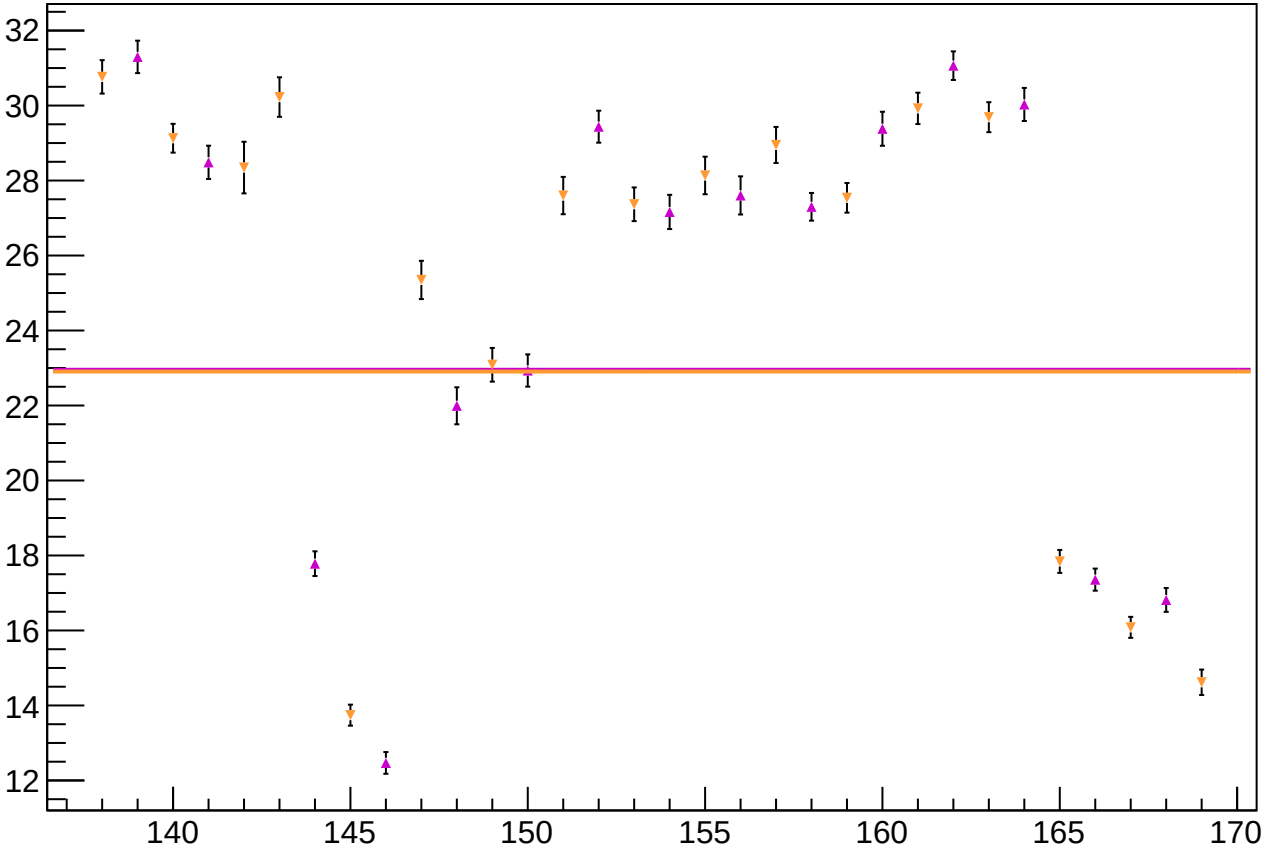
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.575+/-0.075 χ^2/NDF:1398.2/14

Out: -2.823+/-0.071 χ^2/NDF:509.3/16

All: -2.704+/-0.052 χ^2/NDF: 1913.2/31

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: 22.906+/-0.097 χ^2/NDF:4548.7/16

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

Left In: 22.953+/-0.100 χ^2/NDF:4269.0/14

Left: 22.929+/-0.069 χ^2/NDF: 8817.8/31

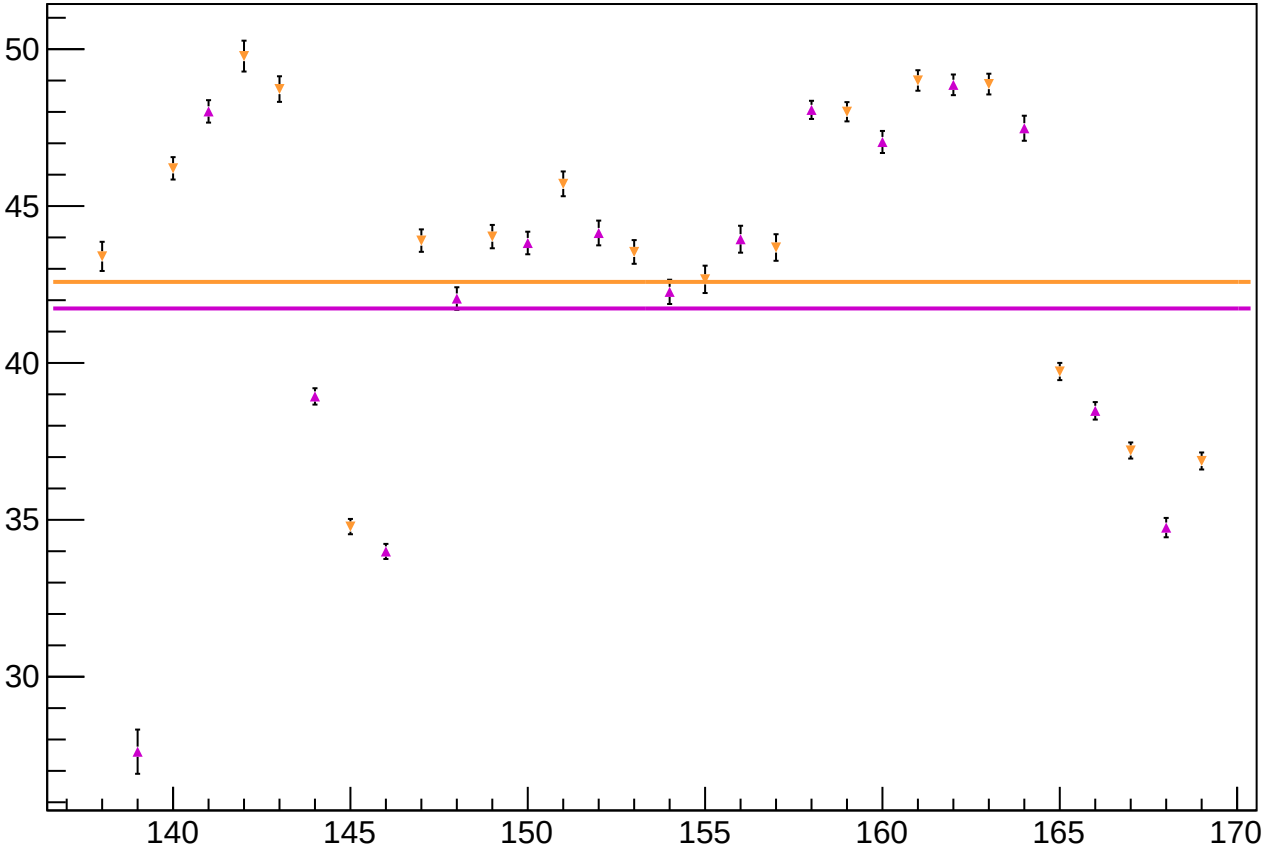
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 22.953+/-0.100 χ^2/NDF:4269.0/14

Out: 22.906+/-0.097 χ^2/NDF:4548.7/16

All: 22.929+/-0.069 χ^2/NDF: 8817.8/31

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: 42.583+/-0.082 χ^2/NDF:3724.6/16

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

Left In: 41.736+/-0.086 χ^2/NDF:3993.6/14

Left: 42.182+/-0.059 χ^2/NDF: 7769.1/31

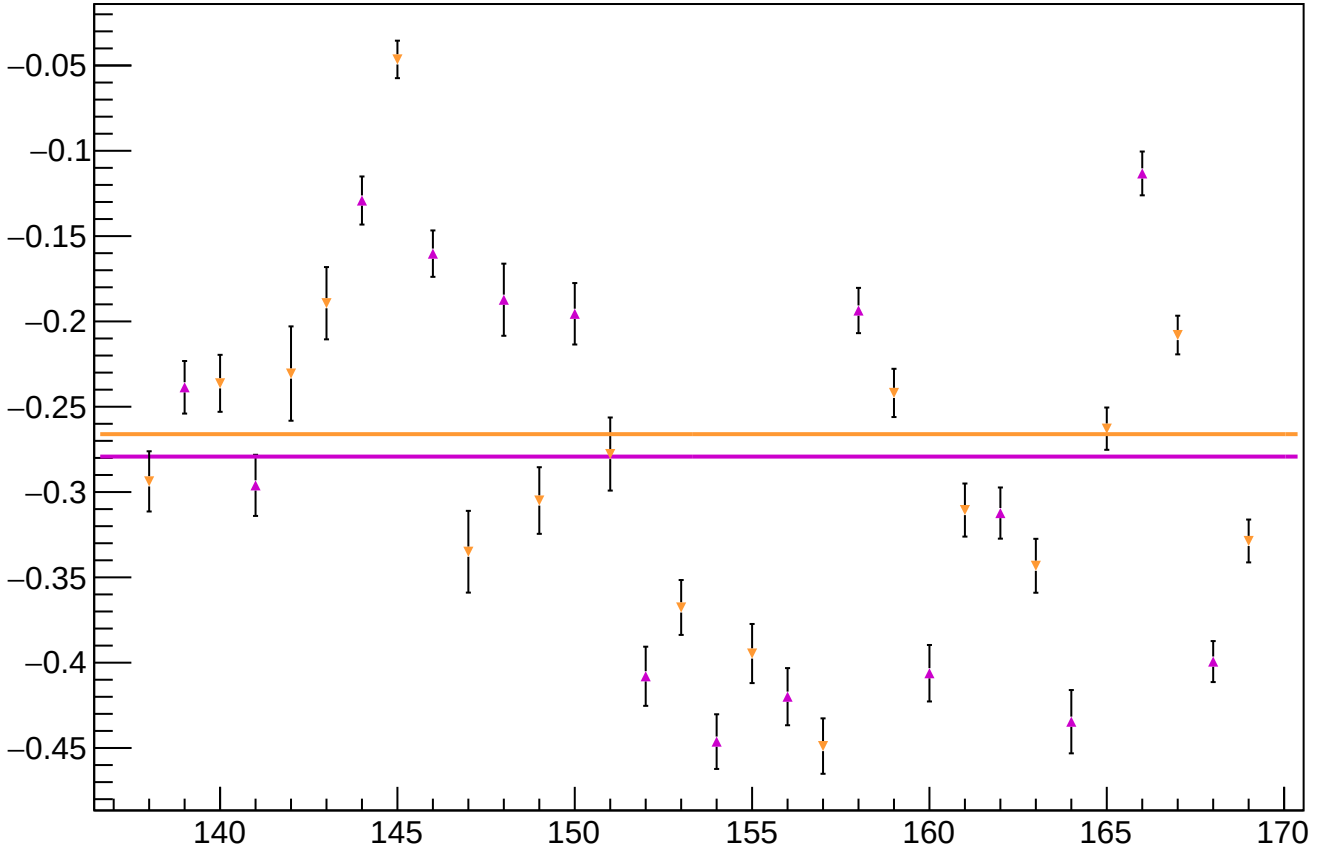
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.736+/-0.086 χ^2/NDF:3993.6/14

Out: 42.583+/-0.082 χ^2/NDF:3724.6/16

All: 42.182+/-0.059 χ^2/NDF: 7769.1/31

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: -0.266+/-0.004 χ^2/NDF:740.4/16

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

Left In: -0.279+/-0.004 χ^2/NDF:915.3/14

Left: -0.272+/-0.003 χ^2/NDF: 1661.5/31

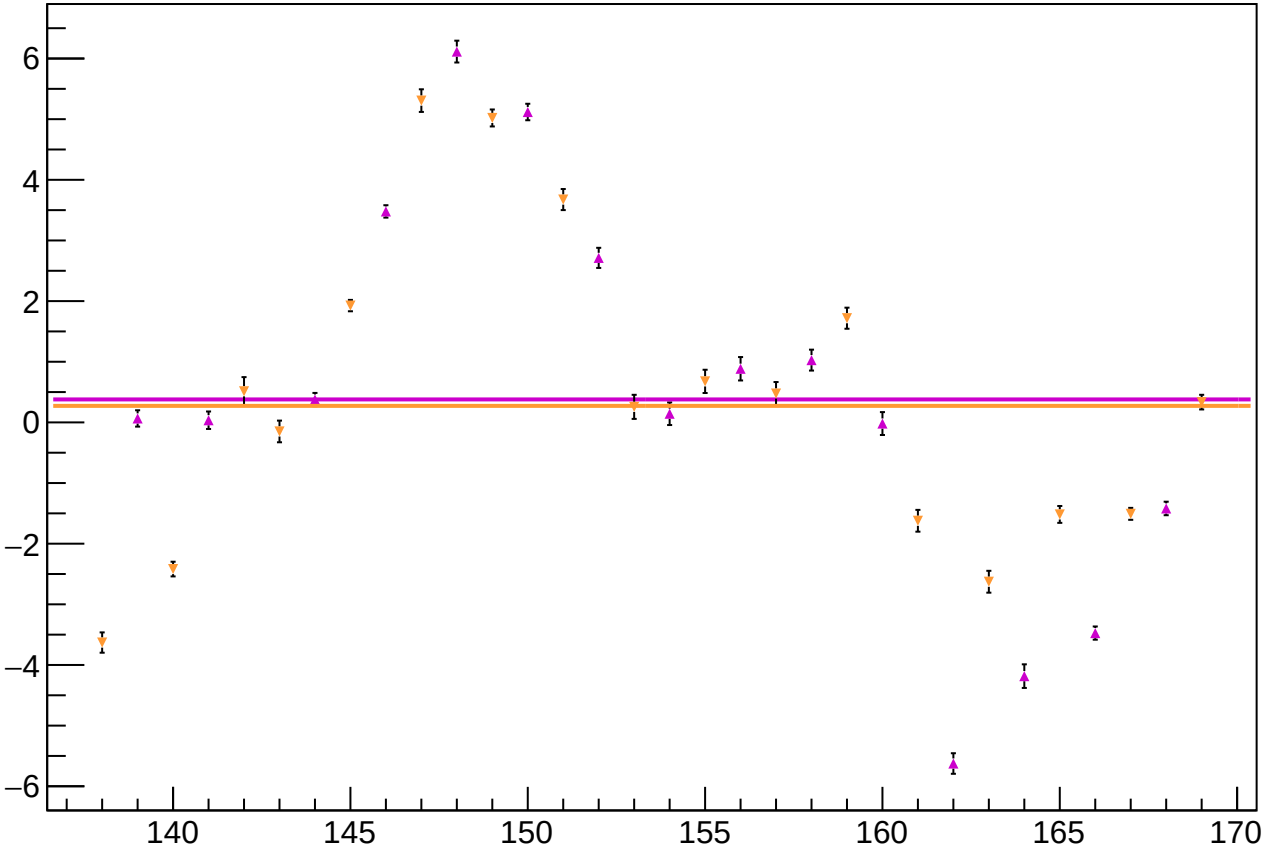
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.279+/-0.004 χ^2/NDF:915.3/14

Out: -0.266+/-0.004 χ^2/NDF:740.4/16

All: -0.272+/-0.003 χ^2/NDF: 1661.5/31

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: 0.272+/-0.036 χ^2/NDF:4551.3/16

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

Left In: 0.379+/-0.037 χ^2/NDF:6698.7/14

Left: 0.325+/-0.026 χ^2/NDF: 11254.3/31

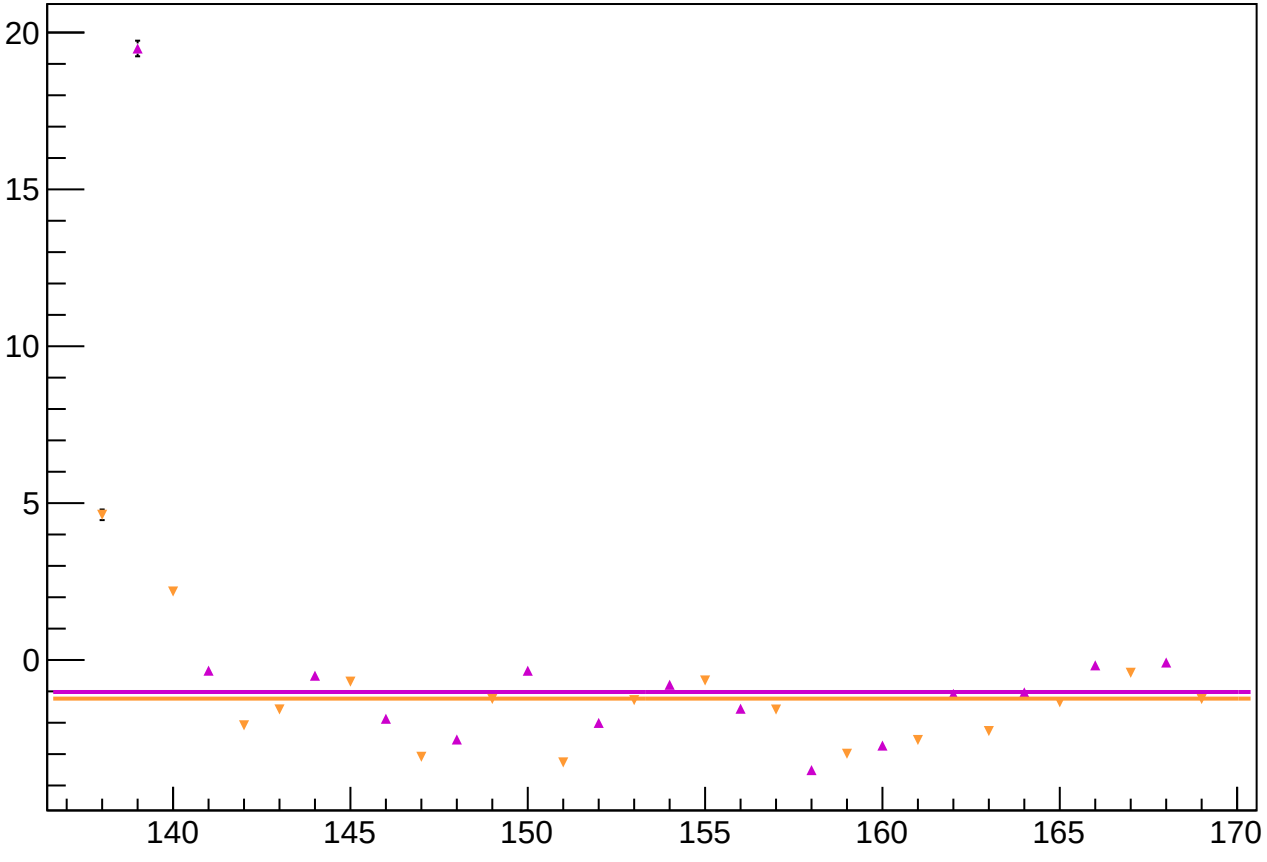
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.379+/-0.037 χ^2/NDF:6698.7/14

Out: 0.272+/-0.036 χ^2/NDF:4551.3/16

All: 0.325+/-0.026 χ^2/NDF: 11254.3/31

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: -1.231+/-0.026 χ^2/NDF:3779.3/16

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

Left In: -1.020+/-0.027 χ^2/NDF:8251.5/14

Left: -1.129+/-0.019 χ^2/NDF: 12062.2/31

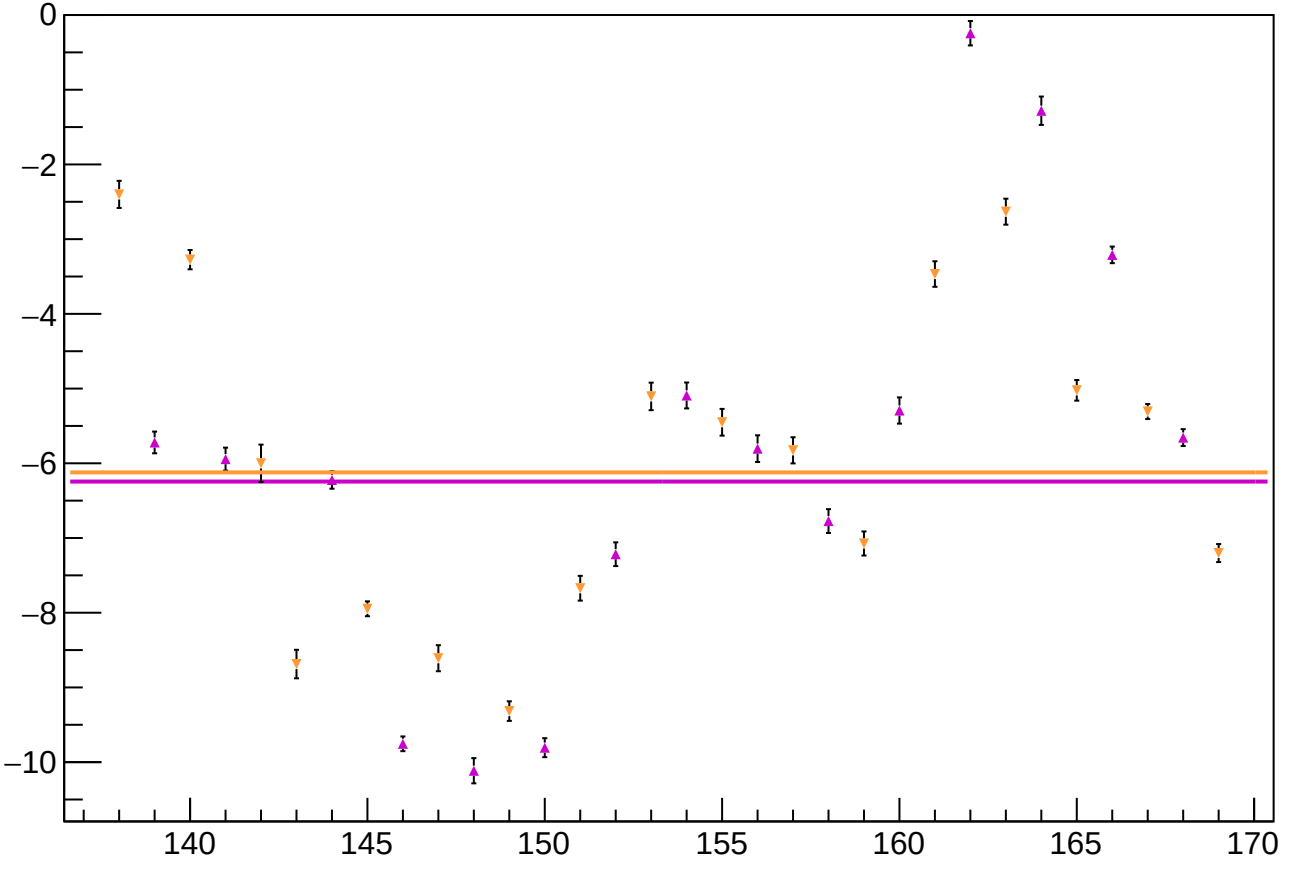
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.020+/-0.027 χ^2/NDF:8251.5/14

Out: -1.231+/-0.026 χ^2/NDF:3779.3/16

All: -1.129+/-0.019 χ^2/NDF: 12062.2/31

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: -6.122+/-0.036 χ^2/NDF:3244.5/16

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

Left In: -6.244+/-0.036 χ^2/NDF:5536.1/14

Left: -6.182+/-0.025 χ^2/NDF: 8786.4/31

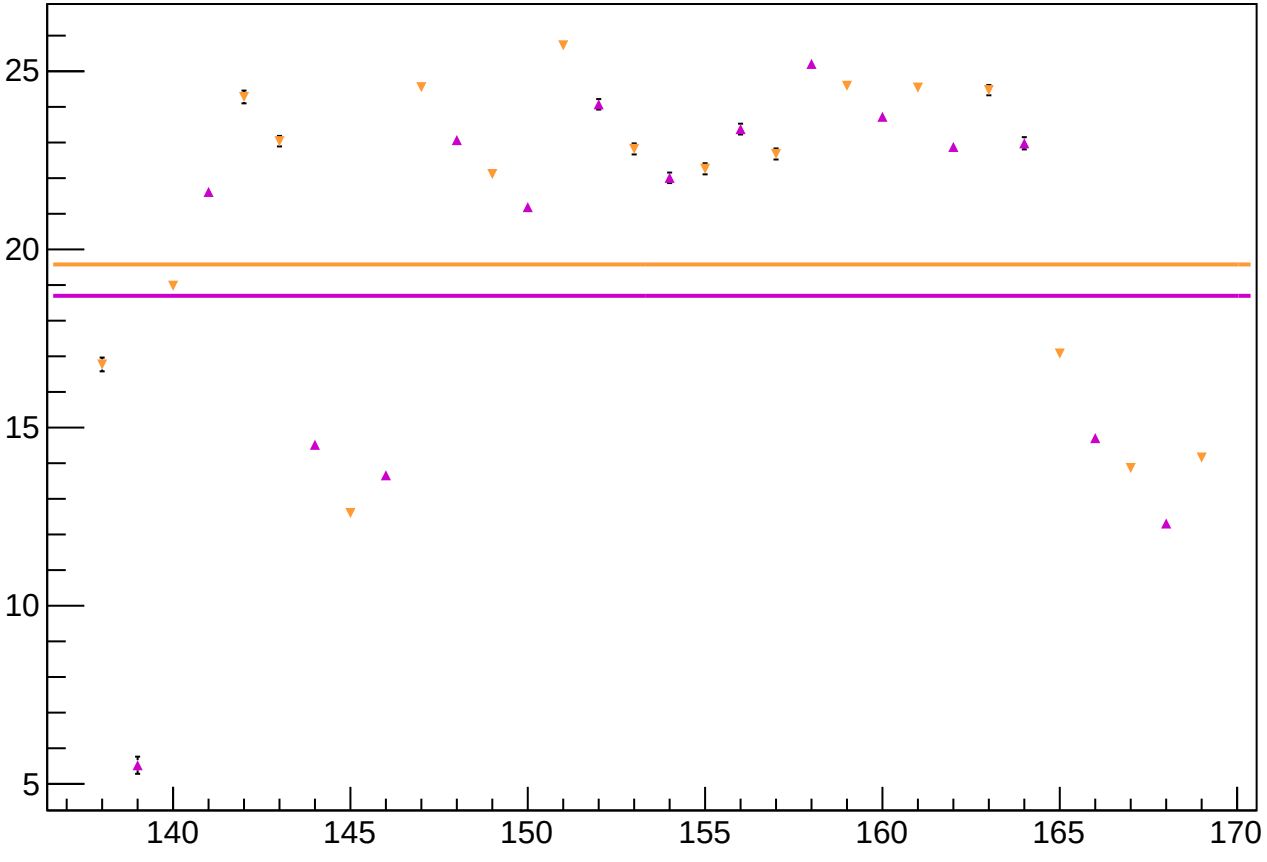
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.244+/-0.036 χ^2/NDF:5536.1/14

Out: -6.122+/-0.036 χ^2/NDF:3244.5/16

All: -6.182+/-0.025 χ^2/NDF: 8786.4/31

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: 19.578+/-0.030 χ^2/NDF:24689.4/16

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

Left In: 18.698+/-0.031 χ^2/NDF:24301.0/14

Left: 19.154+/-0.022 χ^2/NDF: 49396.0/31

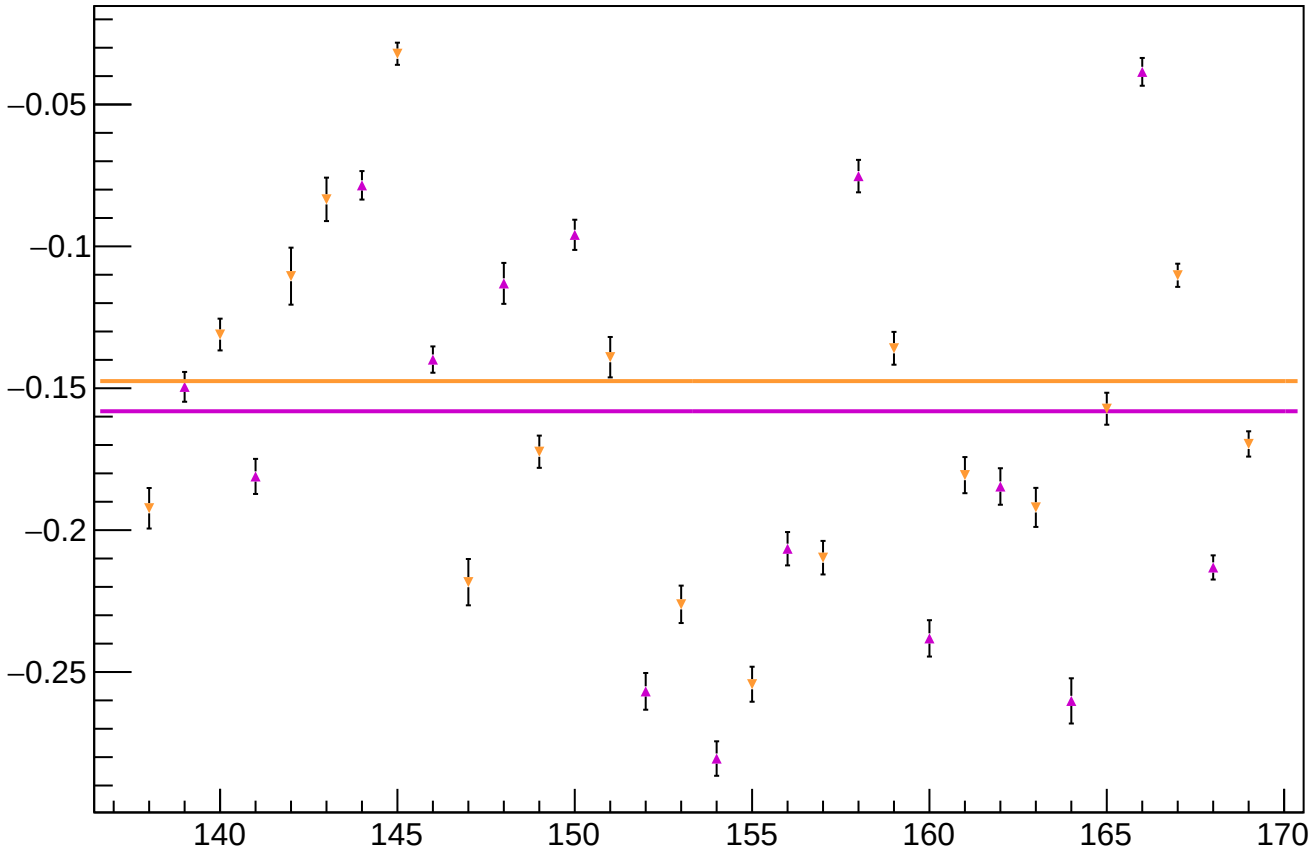
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.698+/-0.031 χ^2/NDF:24301.0/14

Out: 19.578+/-0.030 χ^2/NDF:24689.4/16

All: 19.154+/-0.022 χ^2/NDF: 49396.0/31

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: -0.147+/-0.001 χ^2/NDF:1835.8/16

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

Left In: -0.158+/-0.001 χ^2/NDF:2474.8/14

Left: -0.153+/-0.001 χ^2/NDF: 4338.2/31

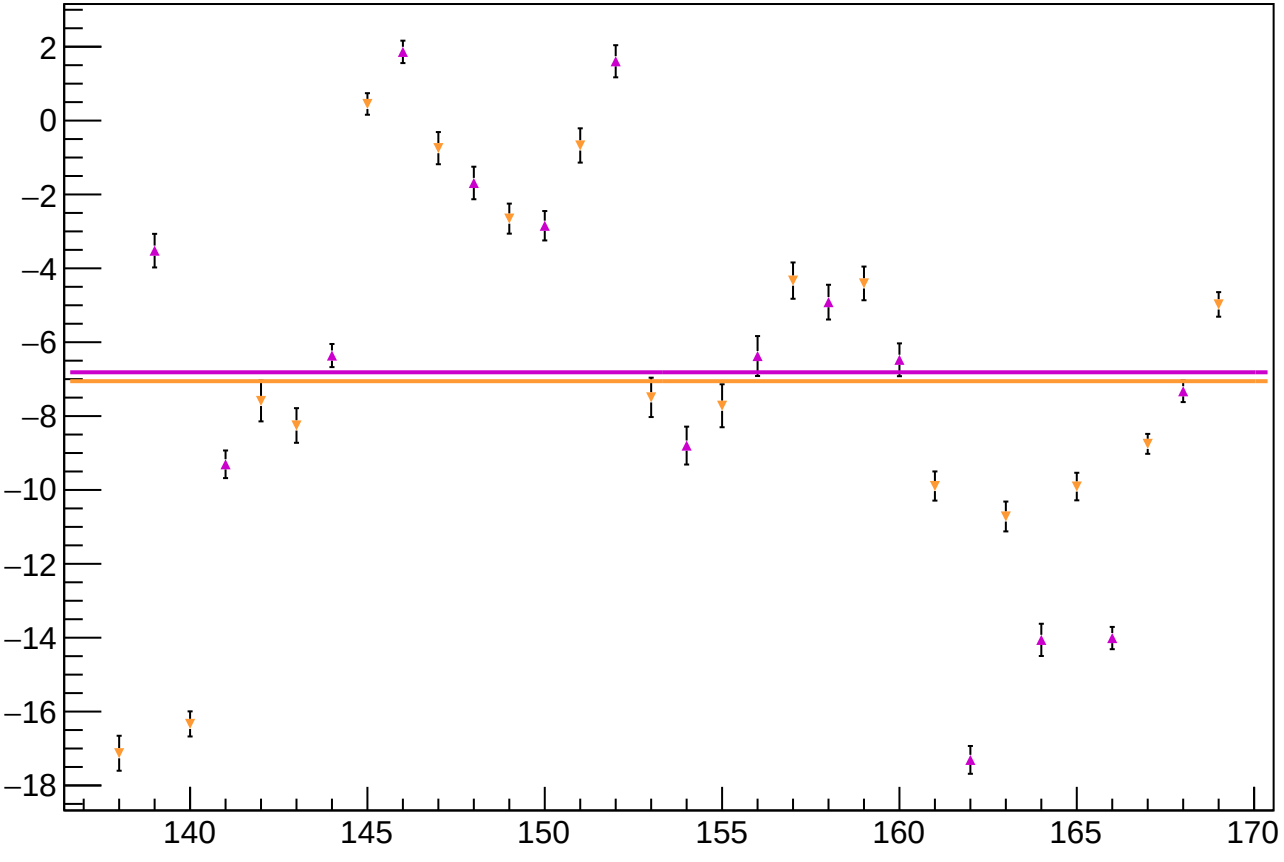
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.158+/-0.001 χ^2/NDF:2474.8/14

Out: -0.147+/-0.001 χ^2/NDF:1835.8/16

All: -0.153+/-0.001 χ^2/NDF: 4338.2/31

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: -7.055+/-0.097 χ^2/NDF:2718.9/16

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

Left In: -6.814+/-0.099 χ^2/NDF:3183.2/14

Left: -6.938+/-0.069 χ^2/NDF: 5905.1/31

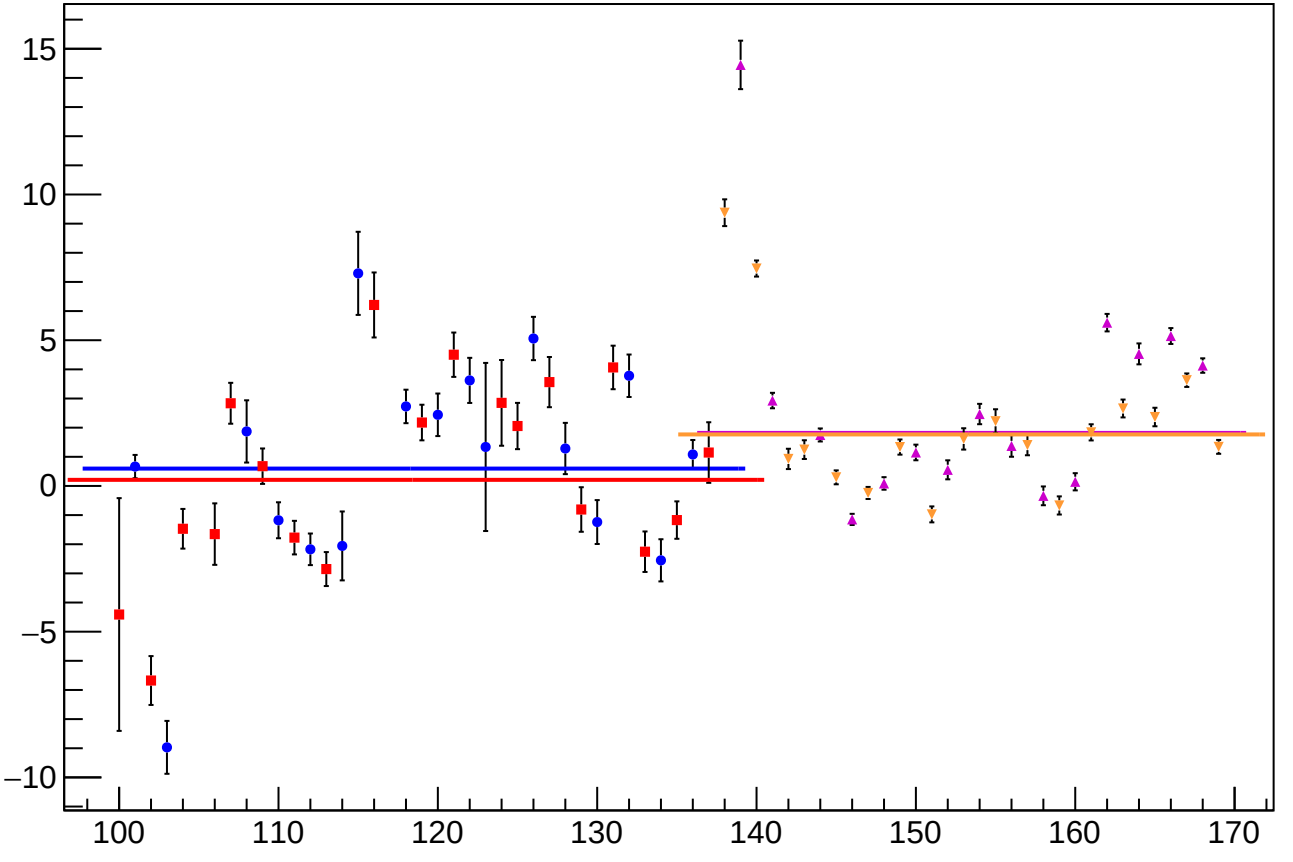
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.814+/-0.099 χ^2/NDF:3183.2/14

Out: -7.055+/-0.097 χ^2/NDF:2718.9/16

All: -6.938+/-0.069 χ^2/NDF: 5905.1/31

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: 1.768+/-0.070 χ^2/NDF:1085.9/16

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 1.820+/-0.072 χ^2/NDF:1109.5/14

Left: 1.793+/-0.050 χ^2/NDF: 2195.6/31

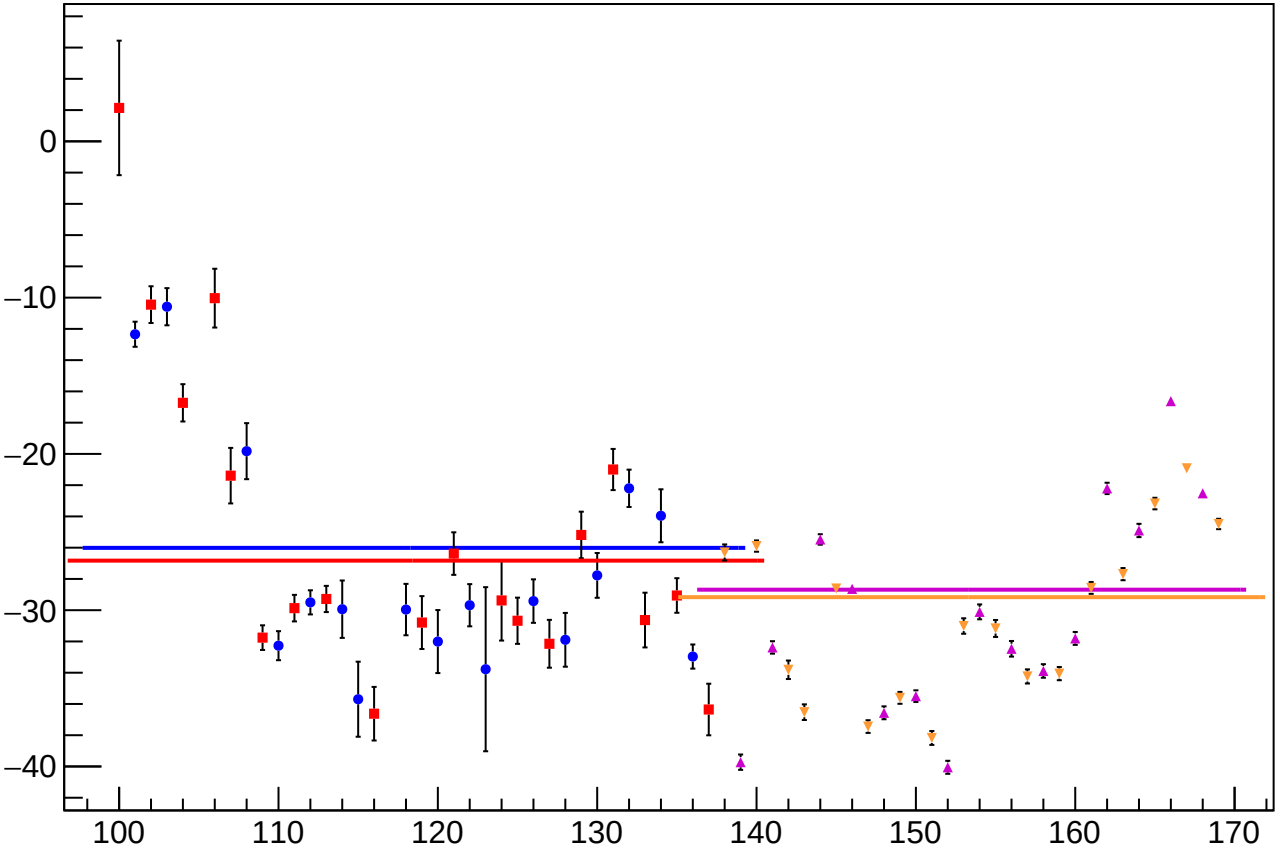
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 1.632+/-0.066 χ^2/NDF:1445.0/31

Out: 1.554+/-0.065 χ^2/NDF:1428.1/35

All: 1.592+/-0.046 χ^2/NDF: 2873.8/67

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: -29.166+/-0.096 χ^2/NDF:3162.4/16

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -28.688+/-0.098 χ^2/NDF:4765.3/14

Left: -28.931+/-0.069 χ^2/NDF: 7939.9/31

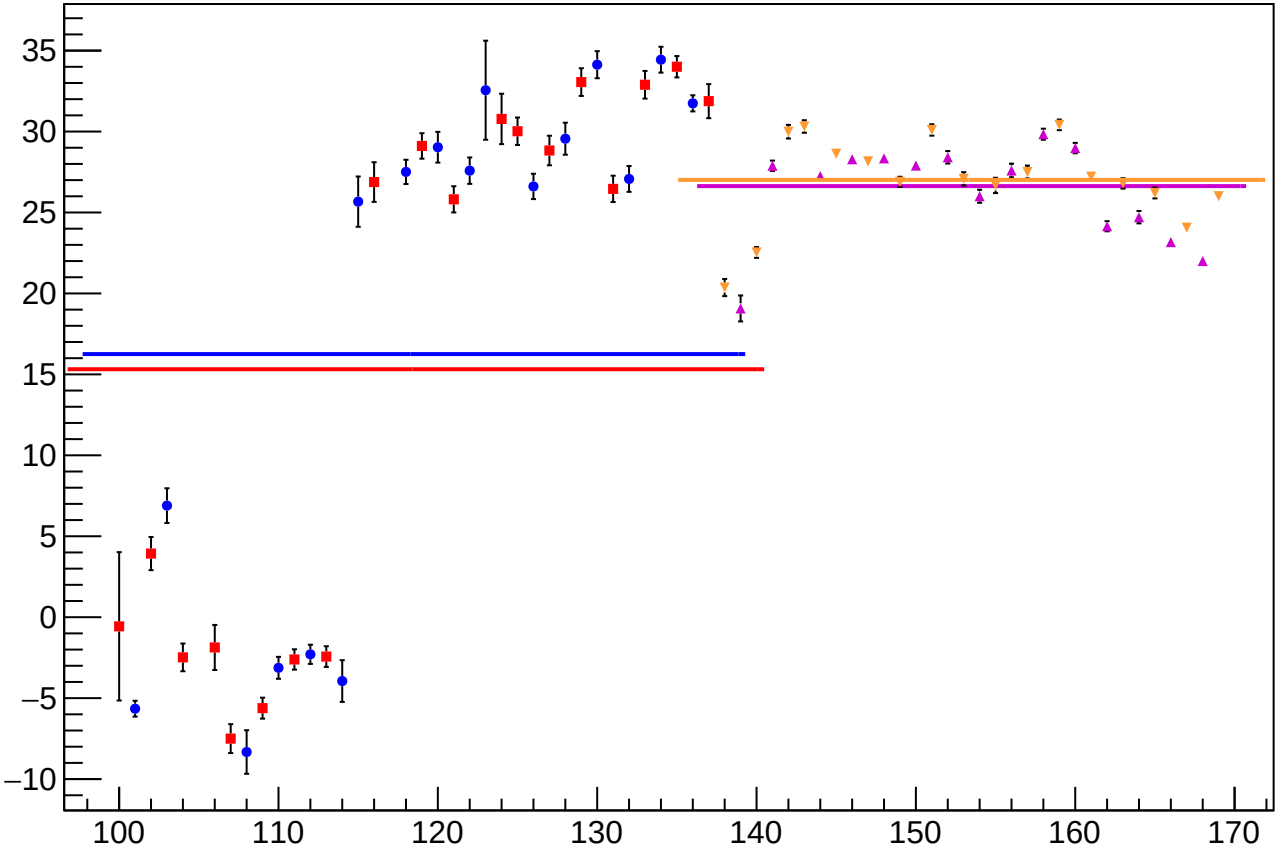
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -28.430+/-0.093 χ^2/NDF:5530.3/31

Out: -28.944+/-0.092 χ^2/NDF:3799.9/35

All: -28.691+/-0.065 χ^2/NDF: 9345.7/67

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 27.015+/-0.081 χ^2/NDF:853.4/16

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 26.630+/-0.084 χ^2/NDF:864.4/14

Left: 26.830+/-0.058 χ^2/NDF: 1728.8/31

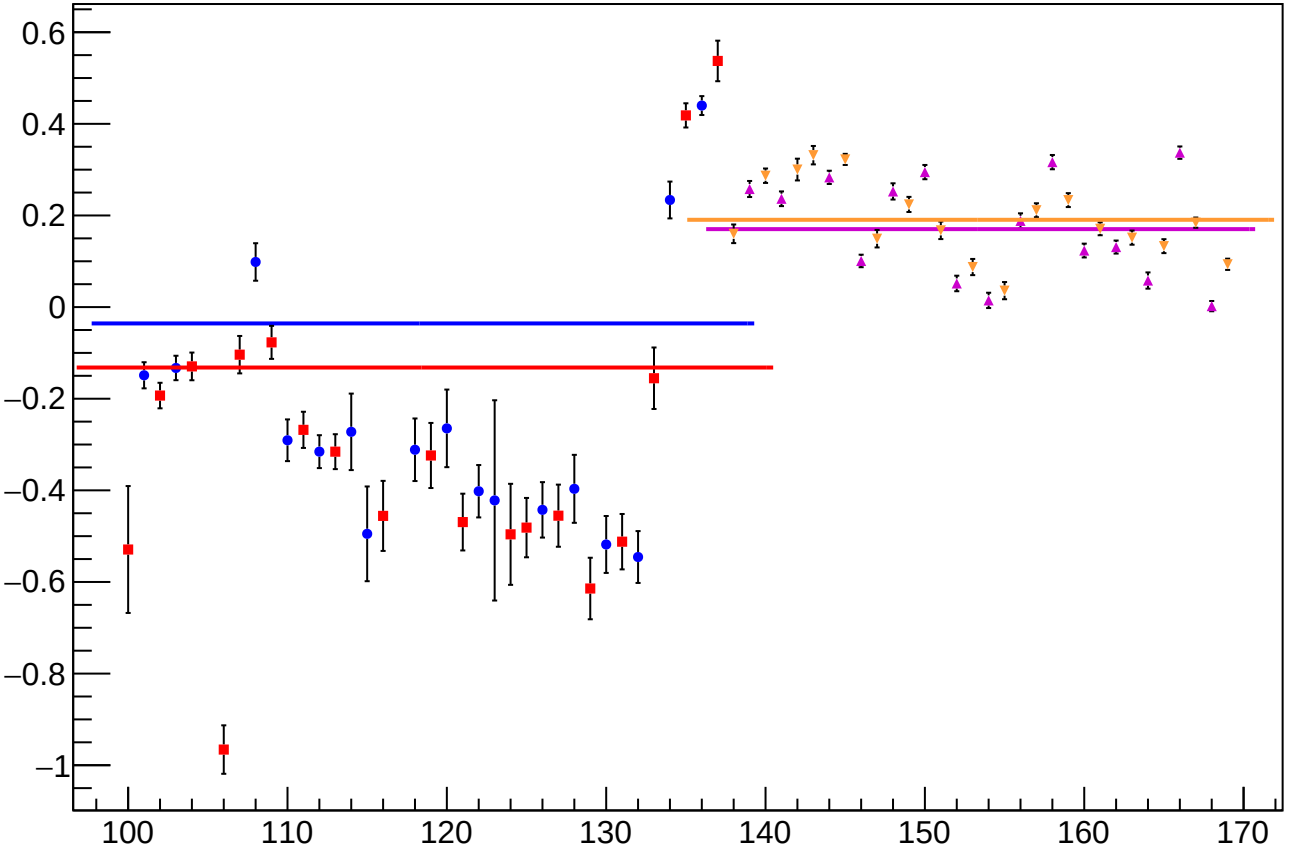
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 24.952+/-0.077 χ^2/NDF:10949.6/31

Out: 25.336+/-0.075 χ^2/NDF:11153.4/35

All: 25.150+/-0.054 χ^2/NDF: 22115.8/67

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: 0.191+/-0.004 χ^2/NDF:435.5/16

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.170+/-0.004 χ^2/NDF:873.5/14

Left: 0.181+/-0.003 χ^2/NDF: 1323.0/31

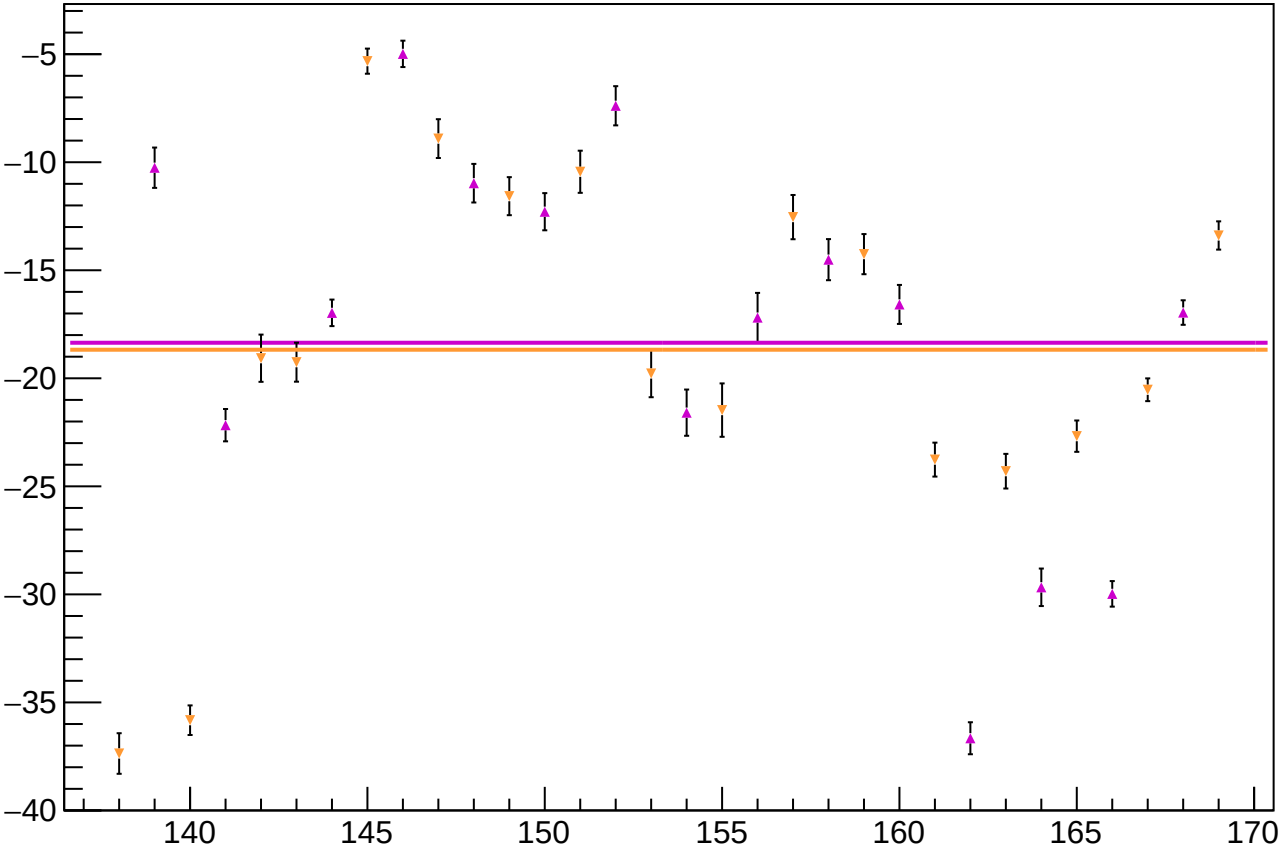
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.144+/-0.004 χ^2/NDF:2236.3/31

Out: 0.152+/-0.004 χ^2/NDF:2461.3/35

All: 0.148+/-0.003 χ^2/NDF: 4700.2/67

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: -18.678+/-0.194 χ^2/NDF:2069.5/16

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

Left In: -18.354+/-0.199 χ^2/NDF:2053.7/14

Left: -18.520+/-0.139 χ^2/NDF: 4124.5/31

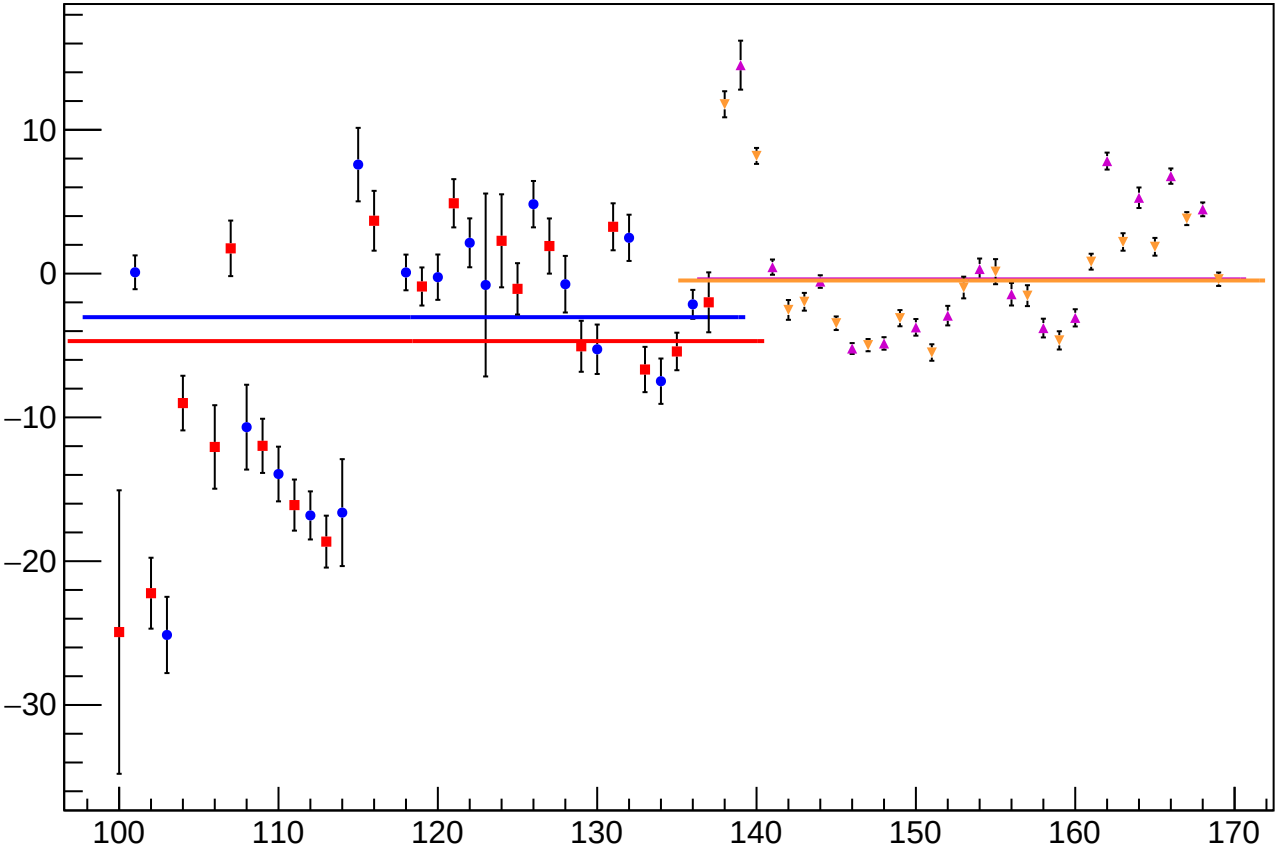
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.354+/-0.199 χ^2/NDF:2053.7/14

Out: -18.678+/-0.194 χ^2/NDF:2069.5/16

All: -18.520+/-0.139 χ^2/NDF: 4124.5/31

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: -0.479+/-0.140 χ^2/NDF:866.2/16

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -0.402+/-0.144 χ^2/NDF:984.0/14

Left: -0.442+/-0.101 χ^2/NDF: 1850.3/31

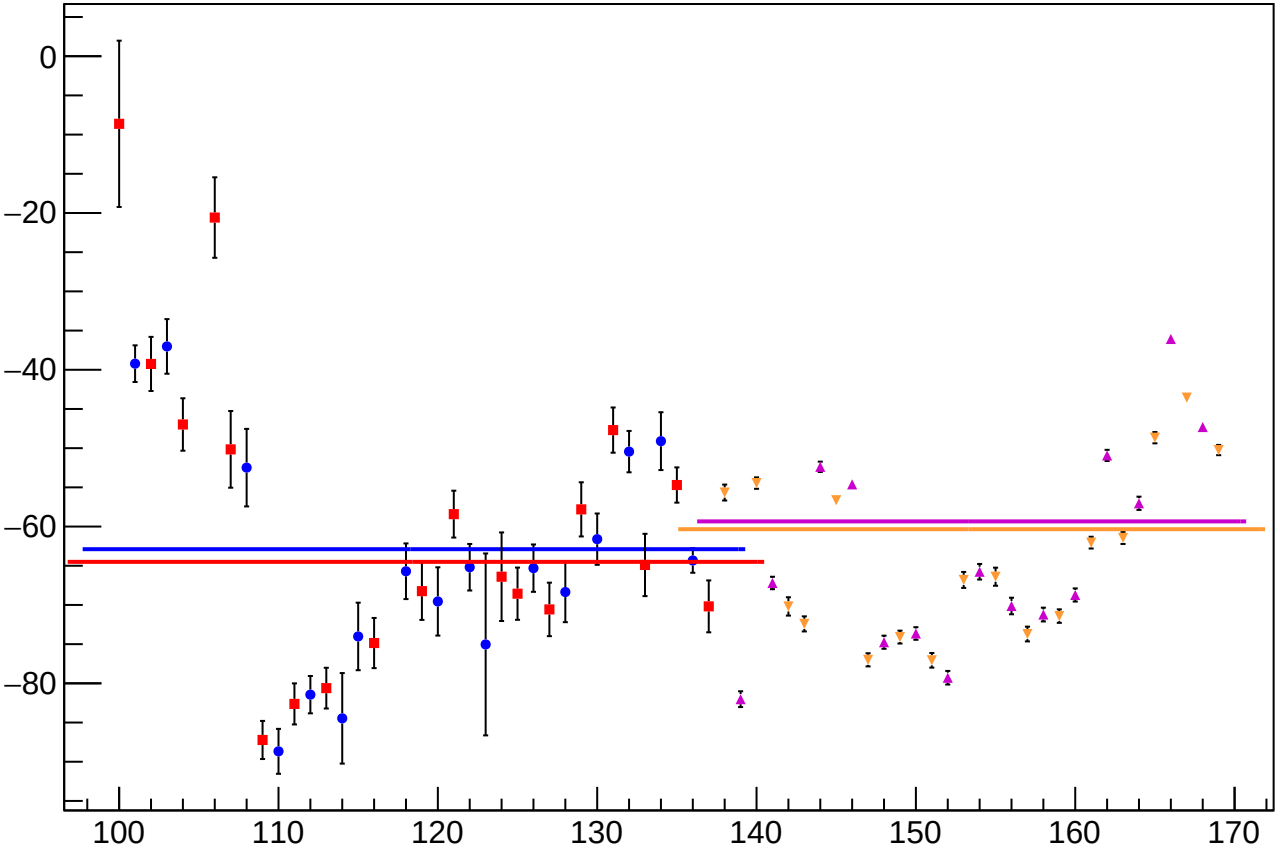
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -0.696+/-0.136 χ^2/NDF:1301.7/31

Out: -0.889+/-0.133 χ^2/NDF:1252.6/35

All: -0.795+/-0.095 χ^2/NDF: 2555.3/67

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: -60.338+/-0.194 χ^2/NDF:3258.2/16

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -59.341+/-0.197 χ^2/NDF:4494.5/14

Left: -59.847+/-0.138 χ^2/NDF: 7765.7/31

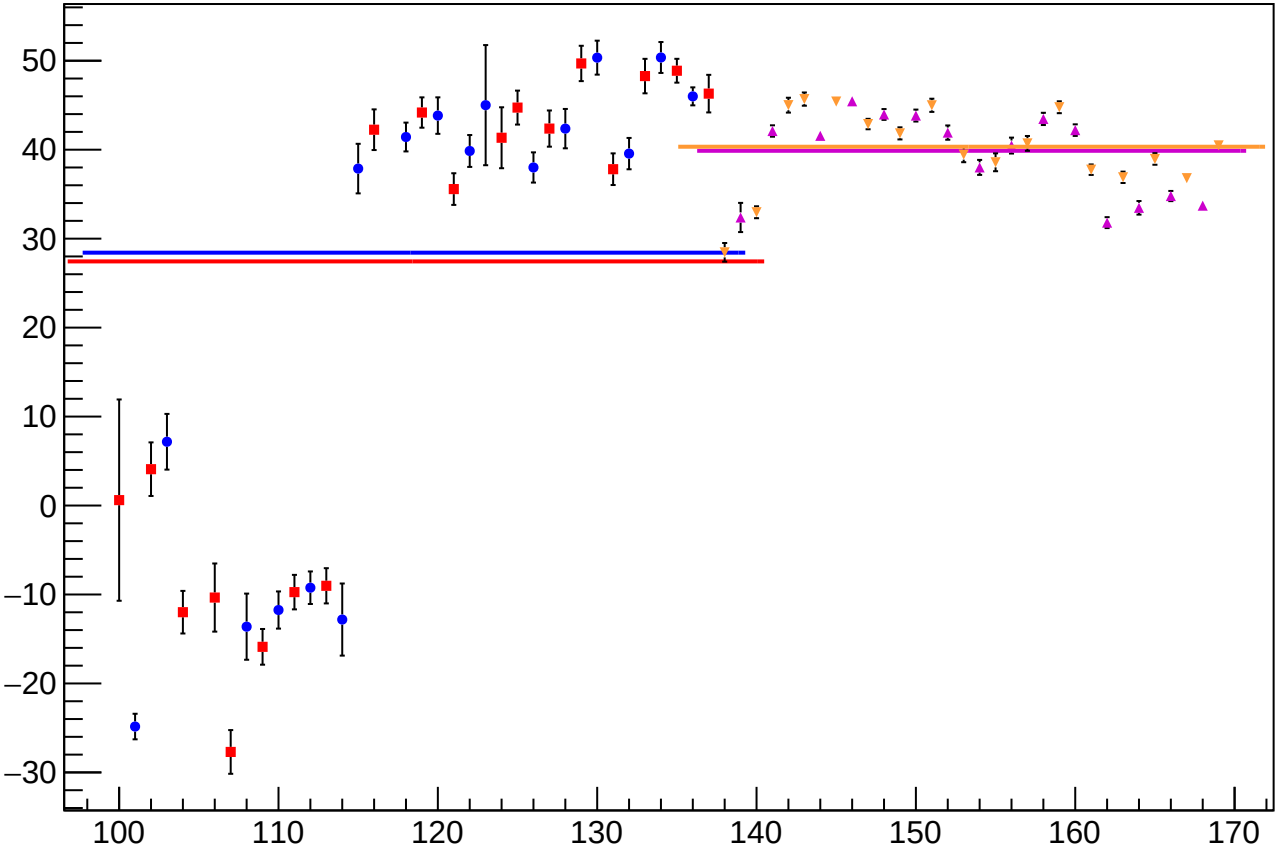
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -59.576+/-0.190 χ^2/NDF:4884.7/31

Out: -60.597+/-0.188 χ^2/NDF:3731.1/35

All: -60.094+/-0.133 χ^2/NDF: 8630.5/67

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: 40.334+/-0.162 χ^2/NDF:633.9/16

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 39.876+/-0.169 χ^2/NDF:755.4/14

Left: 40.114+/-0.117 χ^2/NDF: 1393.2/31

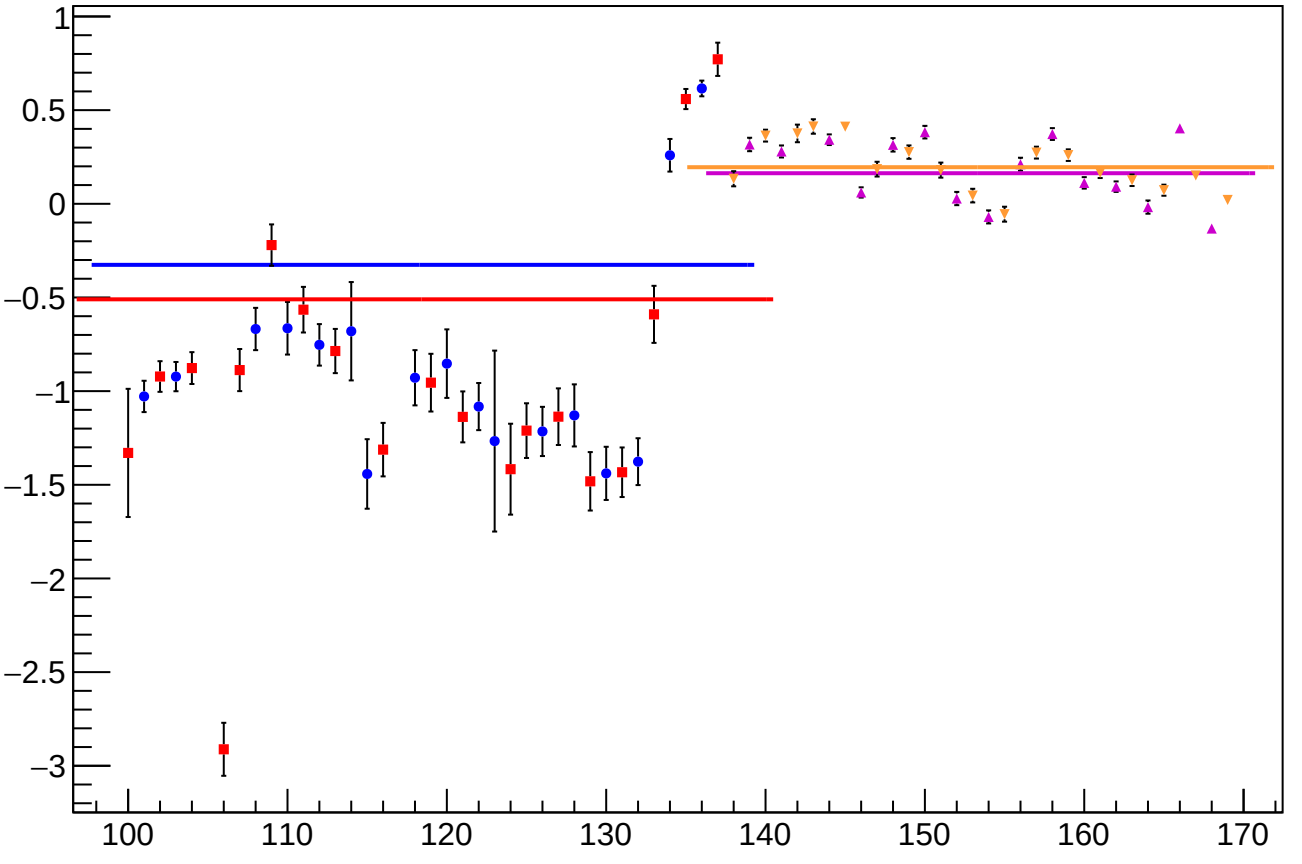
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 38.504+/-0.158 χ^2/NDF:4638.2/31

Out: 39.007+/-0.154 χ^2/NDF:4317.8/35

All: 38.763+/-0.110 χ^2/NDF: 8961.2/67

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: 0.195+/-0.008 χ^2/NDF:309.0/16

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.163+/-0.008 χ^2/NDF:552.0/14

Left: 0.180+/-0.005 χ^2/NDF: 869.6/31

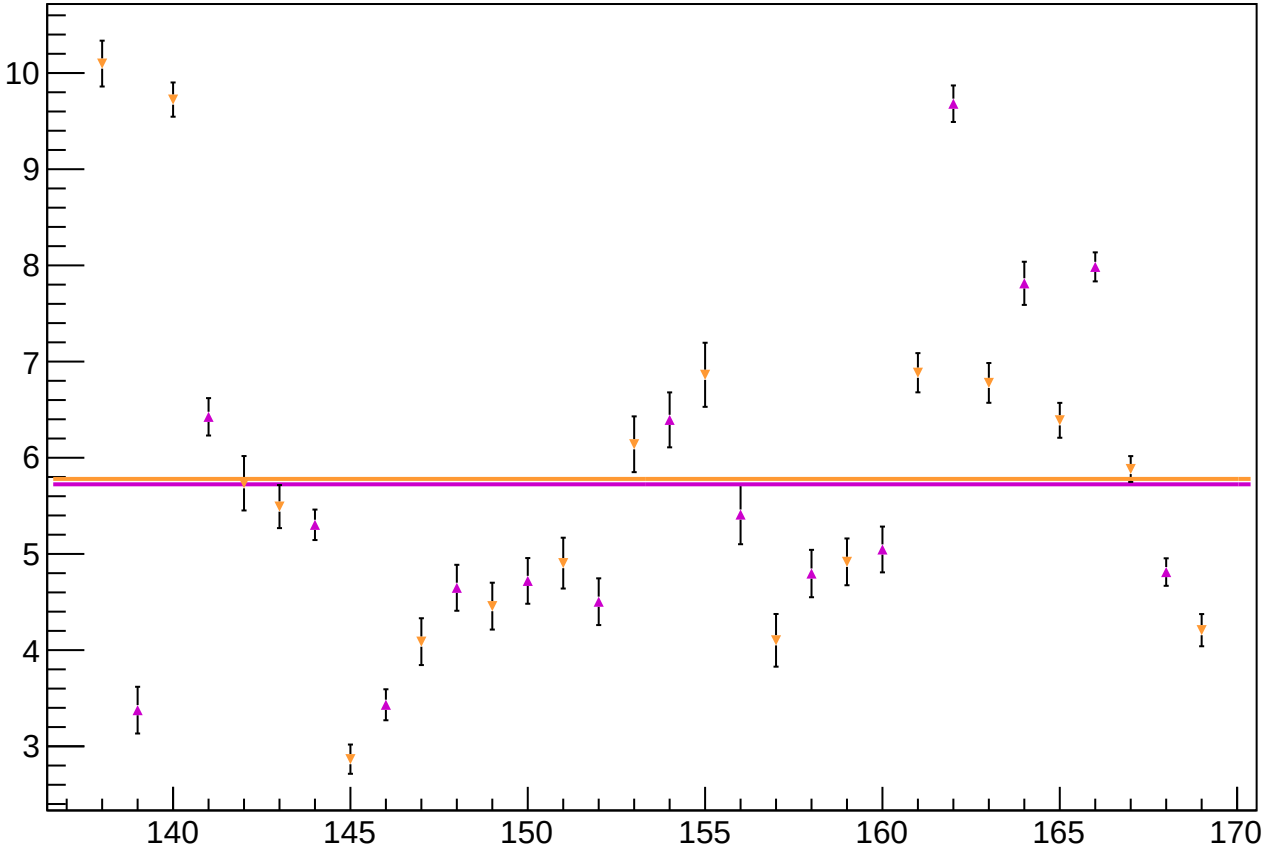
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.119+/-0.008 χ^2/NDF:1915.8/31

Out: 0.138+/-0.007 χ^2/NDF:2170.6/35

All: 0.129+/-0.005 χ^2/NDF: 4089.9/67

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: 5.780+/-0.050 χ^2/NDF:1491.2/16

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

Left In: 5.724+/-0.052 χ^2/NDF:1194.4/14

Left: 5.753+/-0.036 χ^2/NDF: 2686.2/31

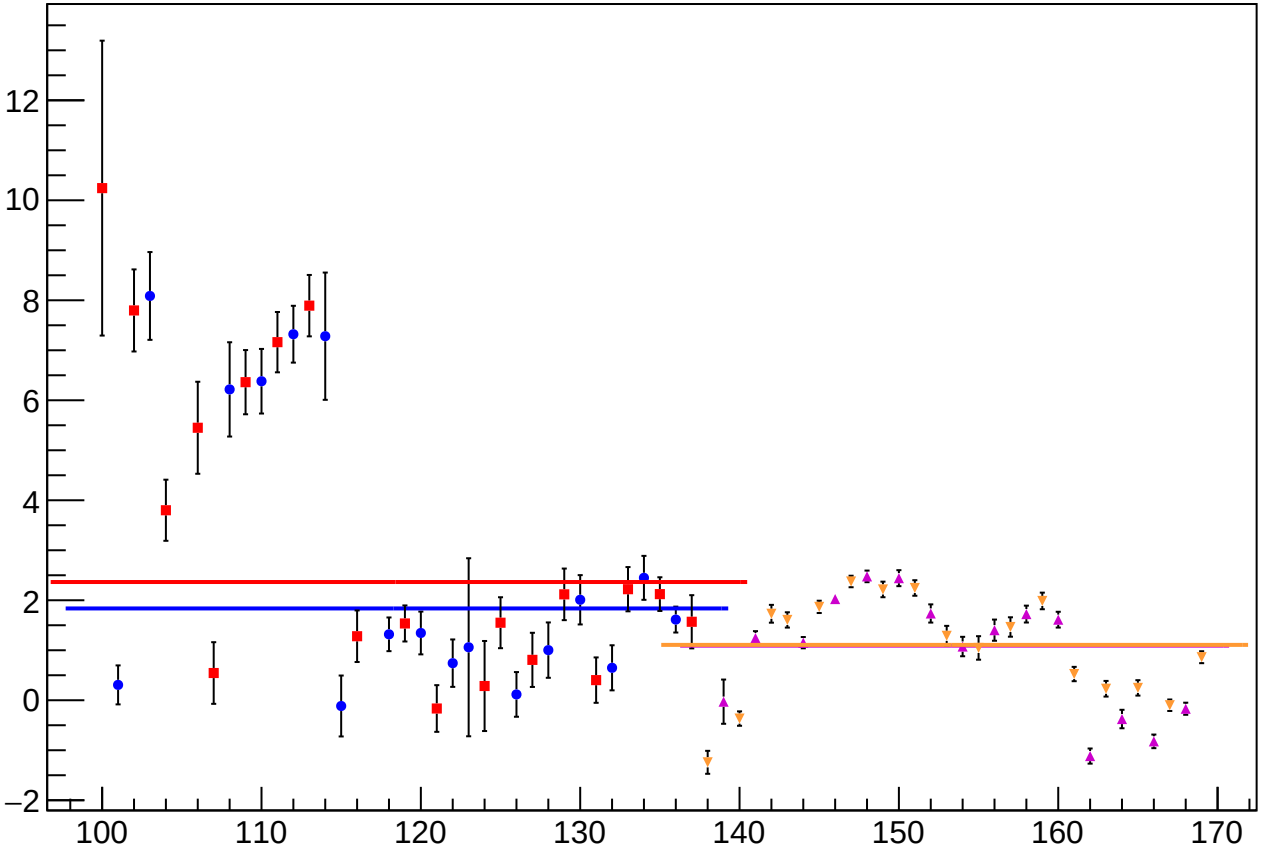
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.724+/-0.052 χ^2/NDF:1194.4/14

Out: 5.780+/-0.050 χ^2/NDF:1491.2/16

All: 5.753+/-0.036 χ^2/NDF: 2686.2/31

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: 1.107+/-0.037 χ^2/NDF:721.4/16

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.092+/-0.038 χ^2/NDF:933.8/14

Left: 1.100+/-0.026 χ^2/NDF: 1655.4/31

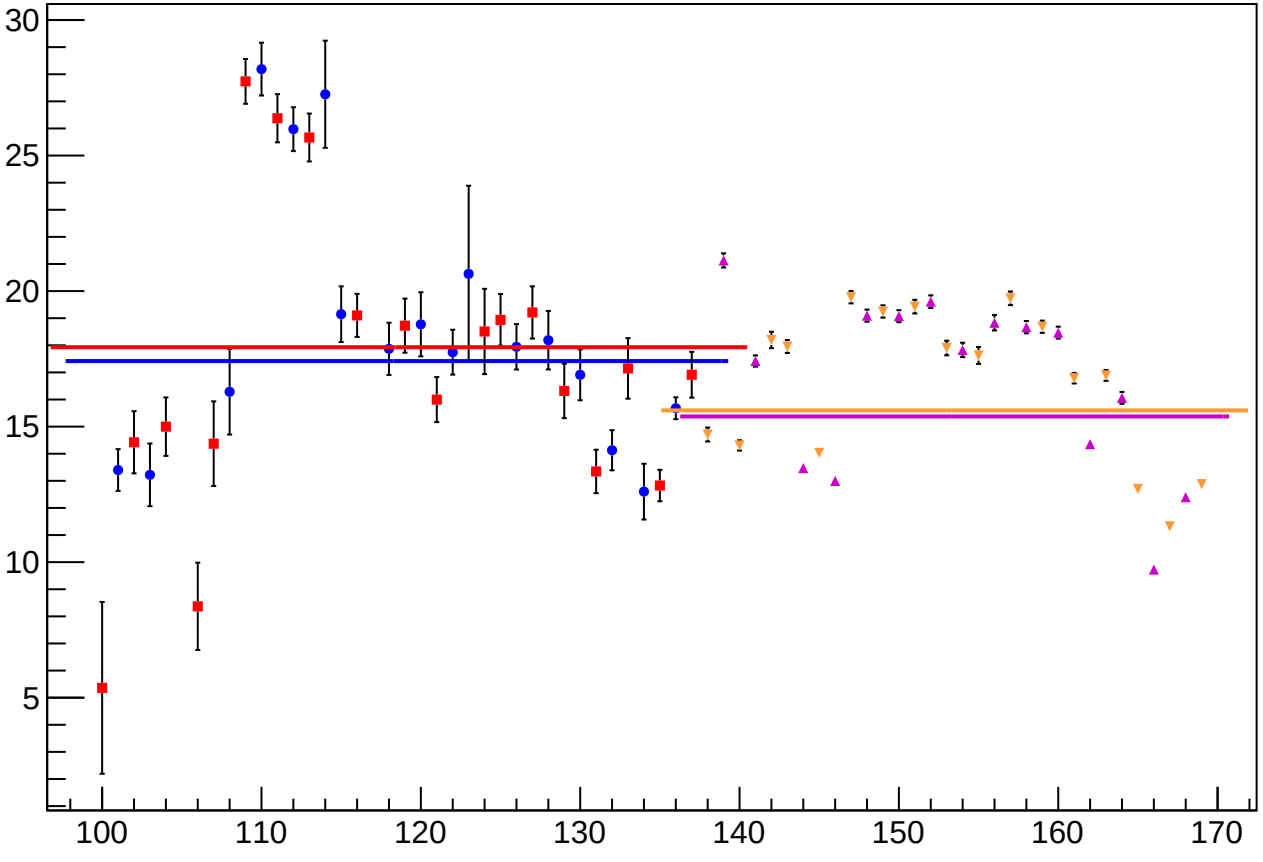
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.163+/-0.036 χ^2/NDF:1265.9/31

Out: 1.210+/-0.035 χ^2/NDF:1154.4/35

All: 1.187+/-0.025 χ^2/NDF: 2421.1/67

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: 15.599+/-0.050 χ^2/NDF:3290.4/16

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 15.375+/-0.051 χ^2/NDF:4278.6/14

Left: 15.489+/-0.036 χ^2/NDF: 7578.7/31

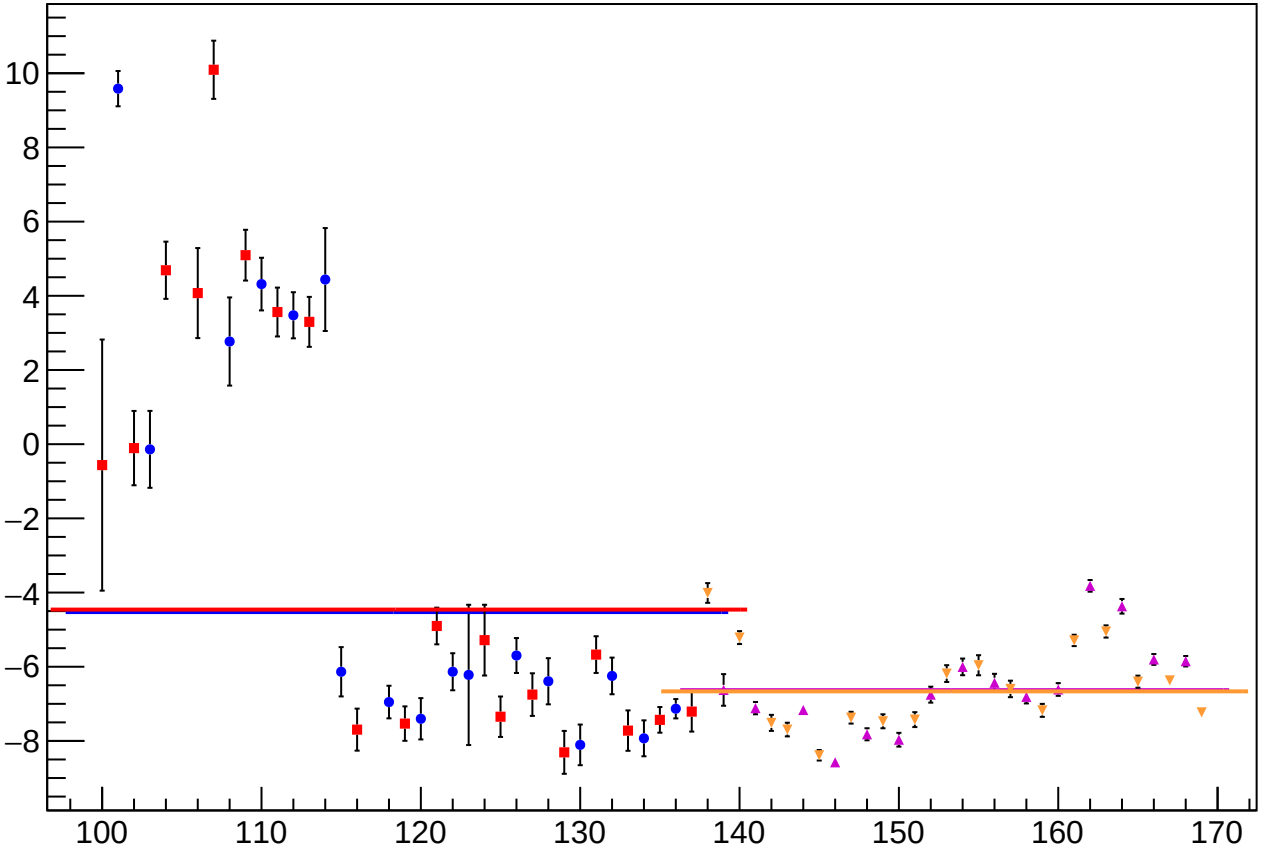
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 15.488+/-0.050 χ^2/NDF:4733.4/31

Out: 15.716+/-0.049 χ^2/NDF:3904.4/35

All: 15.604+/-0.035 χ^2/NDF: 8648.4/67

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: -6.664+/-0.042 χ^2/NDF:637.2/16

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.631+/-0.044 χ^2/NDF:897.0/14

Left: -6.648+/-0.030 χ^2/NDF: 1534.5/31

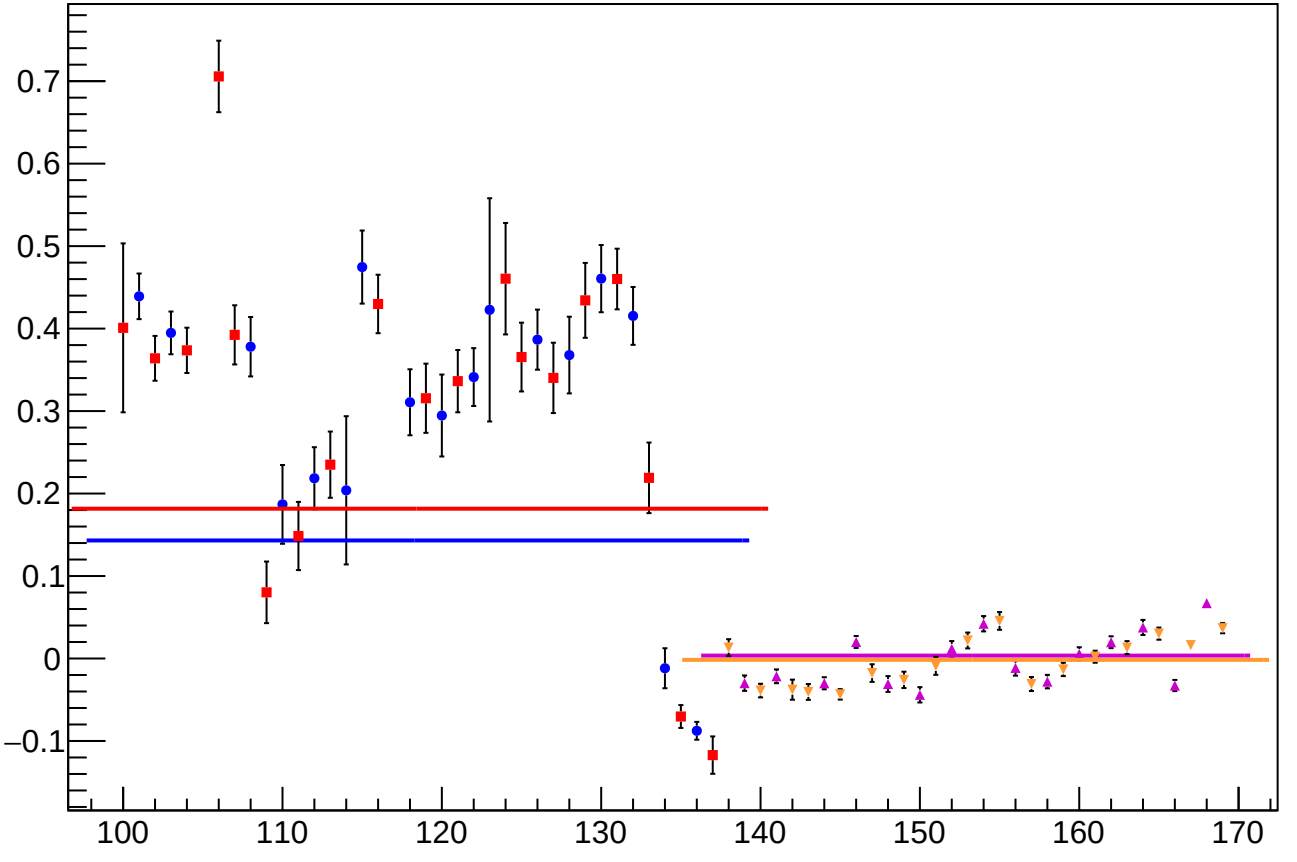
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.413+/-0.042 χ^2/NDF:2724.1/31

Out: -6.472+/-0.040 χ^2/NDF:2212.7/35

All: -6.444+/-0.029 χ^2/NDF: 4937.9/67

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: -0.002+/-0.002 χ^2/NDF:210.1/16

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: 0.004+/-0.002 χ^2/NDF:304.3/14

Left: 0.001+/-0.001 χ^2/NDF: 517.7/31

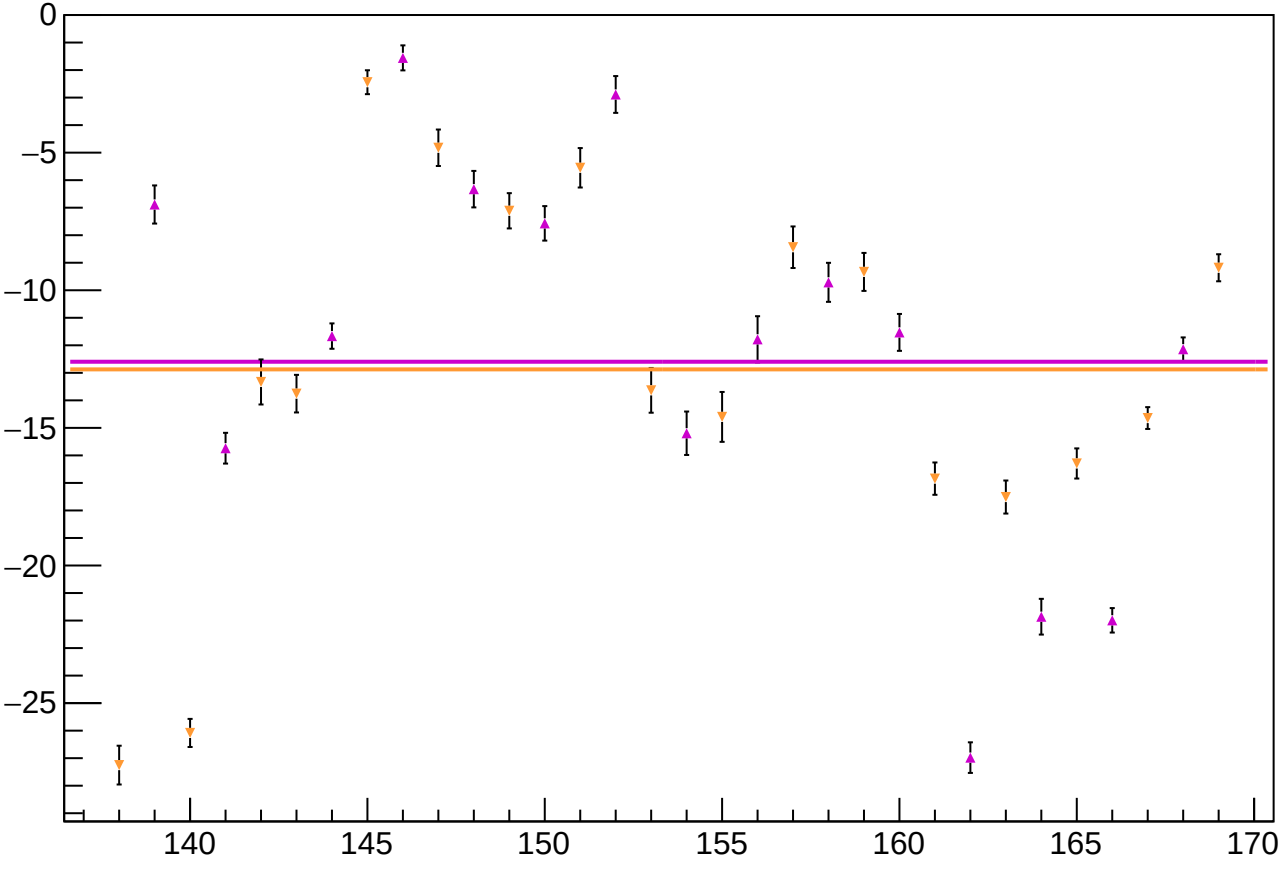
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.014+/-0.002 χ^2/NDF:1726.0/31

Out: 0.011+/-0.002 χ^2/NDF:1792.4/35

All: 0.013+/-0.001 χ^2/NDF: 3520.3/67

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.875+/-0.145 χ^2/NDF:2284.2/16

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

Left In: -12.597+/-0.149 χ^2/NDF:2410.5/14

Left: -12.739+/-0.104 χ^2/NDF: 4696.5/31

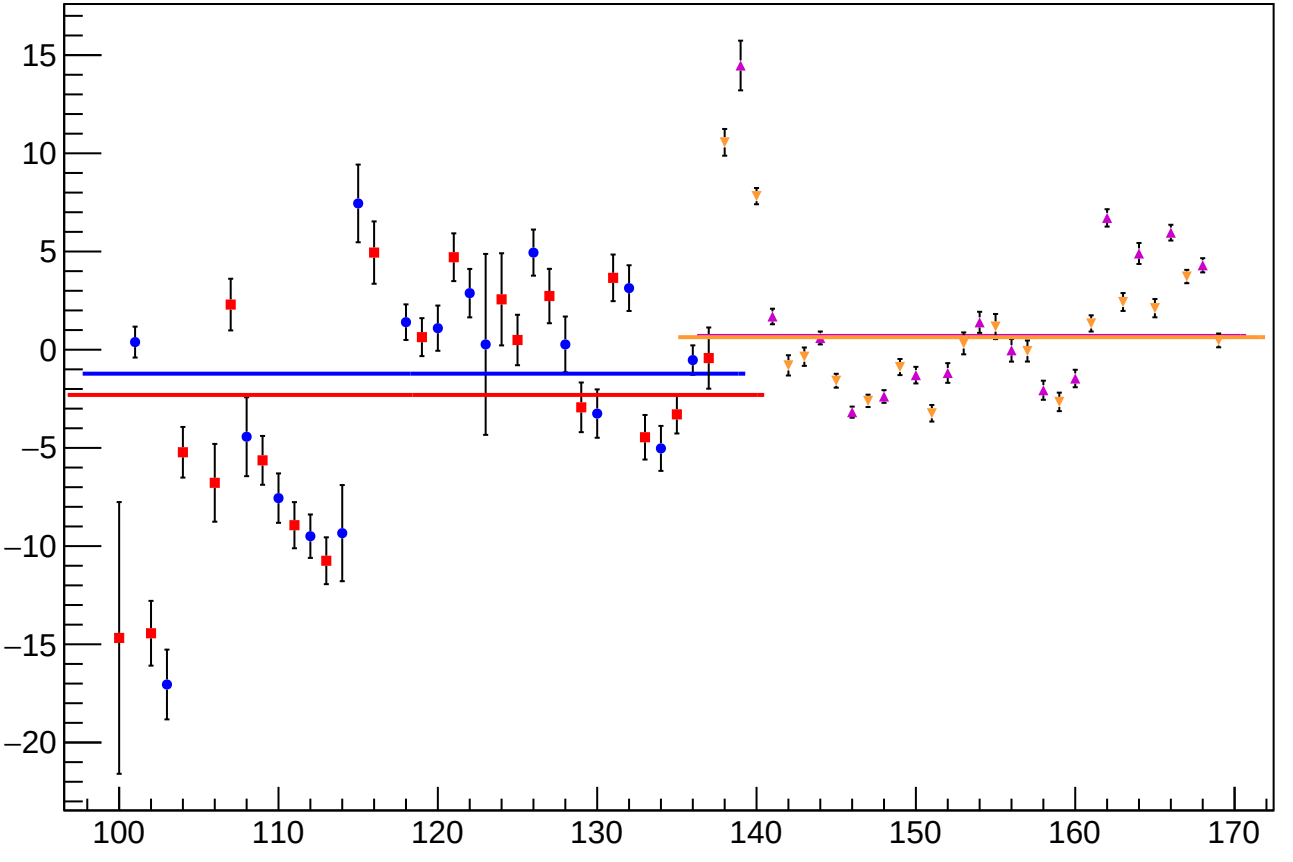
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.597+/-0.149 χ^2/NDF:2410.5/14

Out: -12.875+/-0.145 χ^2/NDF:2284.2/16

All: -12.739+/-0.104 χ^2/NDF: 4696.5/31

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: 0.637+/-0.104 χ^2/NDF:931.8/16

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 0.701+/-0.108 χ^2/NDF:1016.4/14

Left: 0.668+/-0.075 χ^2/NDF: 1948.3/31

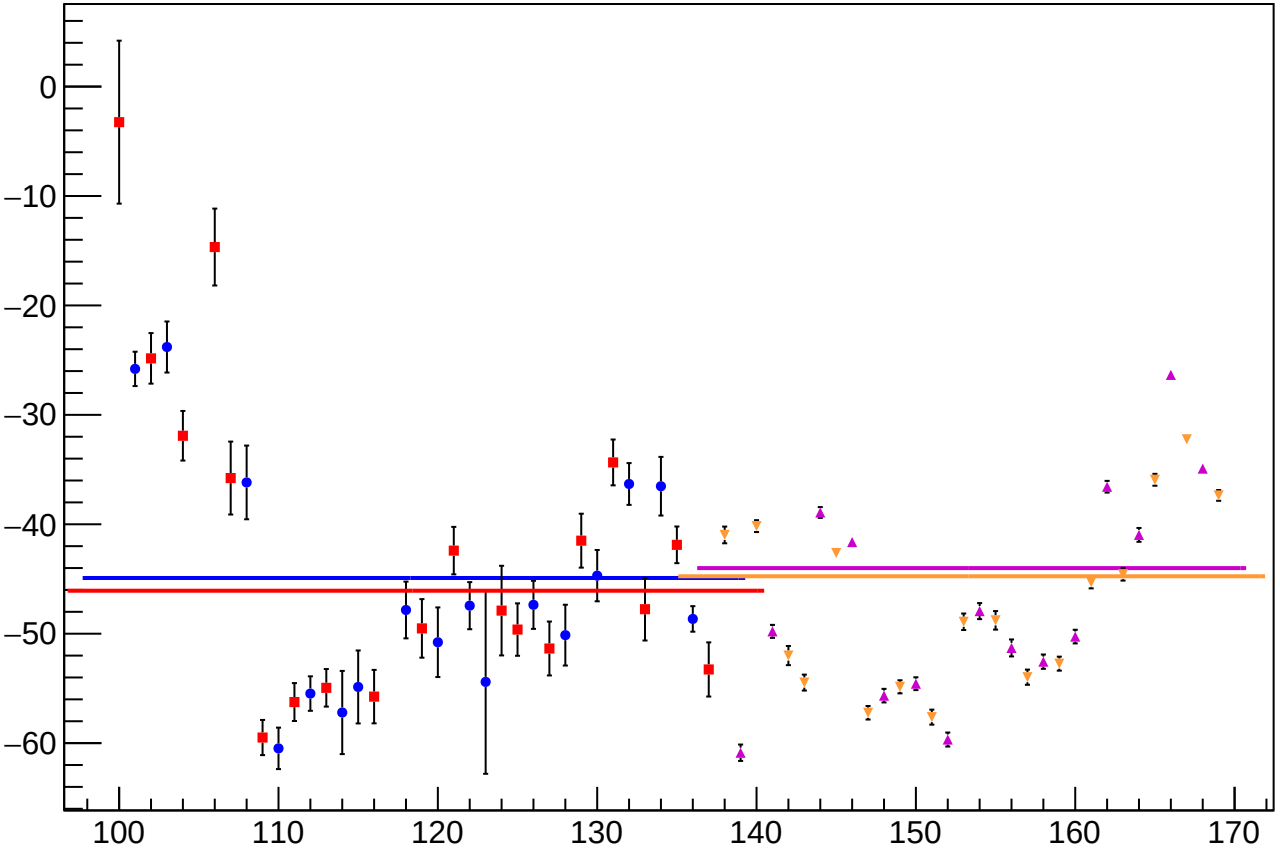
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: 0.468+/-0.101 χ^2/NDF:1333.5/31

Out: 0.324+/-0.099 χ^2/NDF:1302.4/35

All: 0.394+/-0.071 χ^2/NDF: 2637.0/67

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: -44.752+/-0.144 χ^2/NDF:3233.1/16

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -44.004+/-0.147 χ^2/NDF:4579.7/14

Left: -44.384+/-0.103 χ^2/NDF: 7826.0/31

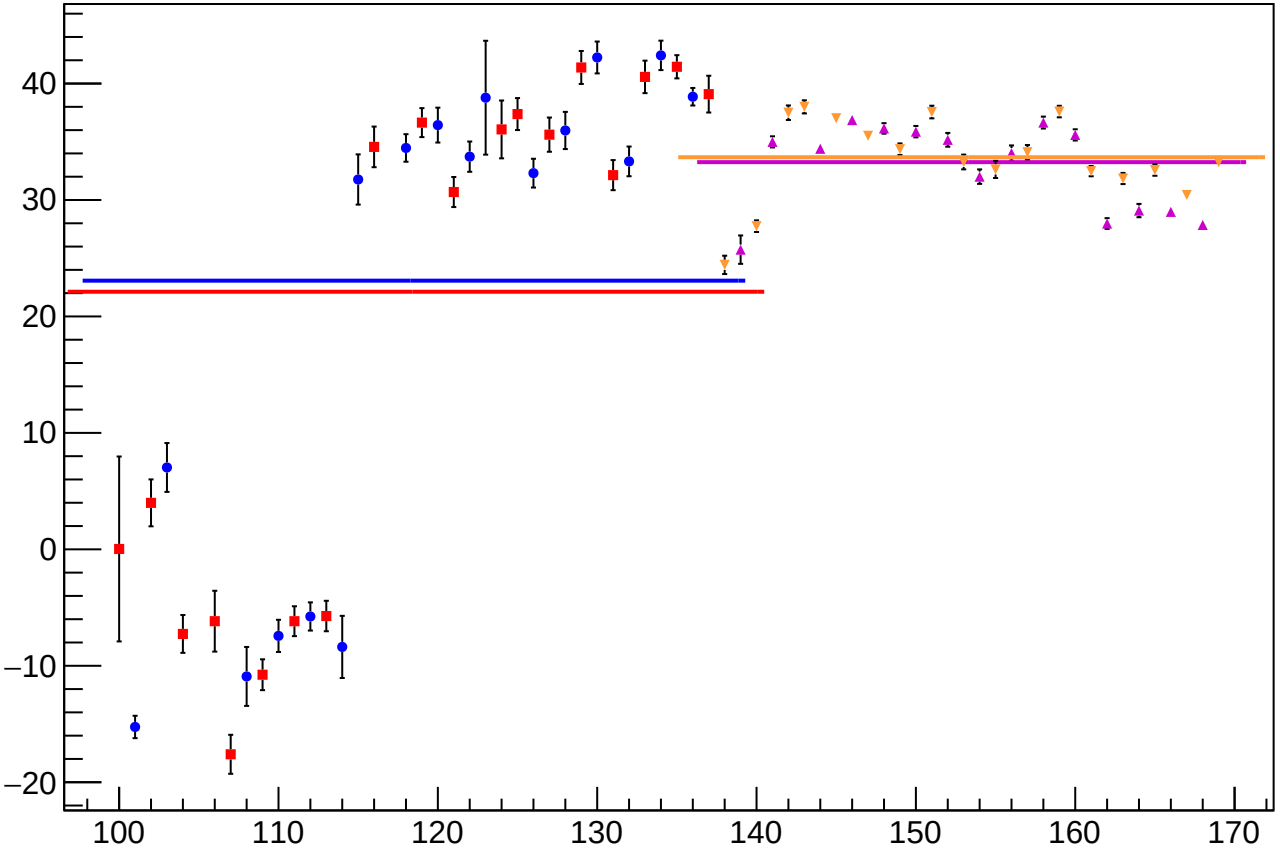
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -44.070+/-0.141 χ^2/NDF:5003.7/31

Out: -44.844+/-0.139 χ^2/NDF:3692.9/35

All: -44.462+/-0.099 χ^2/NDF: 8711.8/67

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: 33.673+/-0.121 χ^2/NDF:681.7/16

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 33.250+/-0.126 χ^2/NDF:761.7/14

Left: 33.470+/-0.087 χ^2/NDF: 1449.3/31

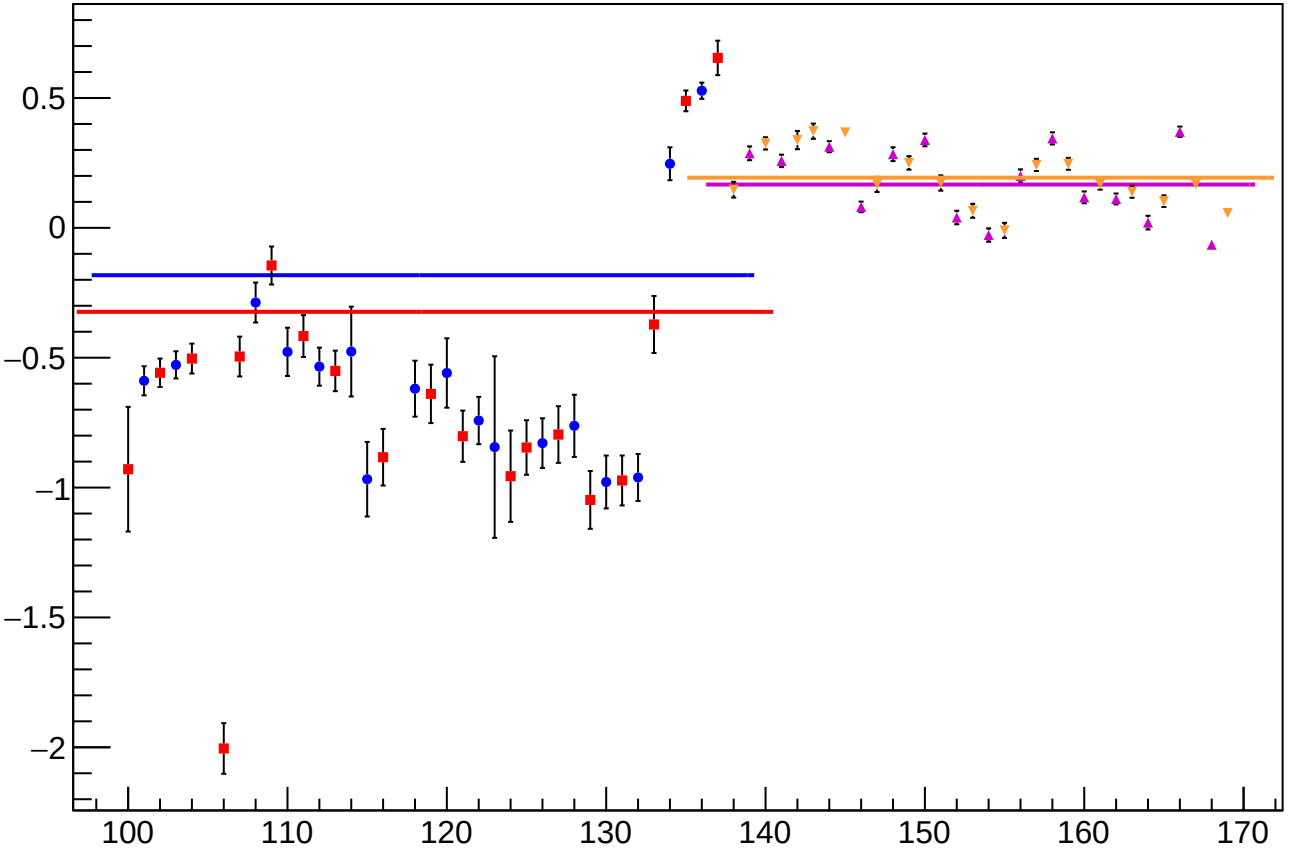
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 31.933+/-0.117 χ^2/NDF:5956.1/31

Out: 32.376+/-0.114 χ^2/NDF:5741.4/35

All: 32.161+/-0.082 χ^2/NDF: 11704.9/67

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: 0.193+/-0.006 χ^2/NDF:349.1/16

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.167+/-0.006 χ^2/NDF:653.3/14

Left: 0.180+/-0.004 χ^2/NDF: 1012.9/31

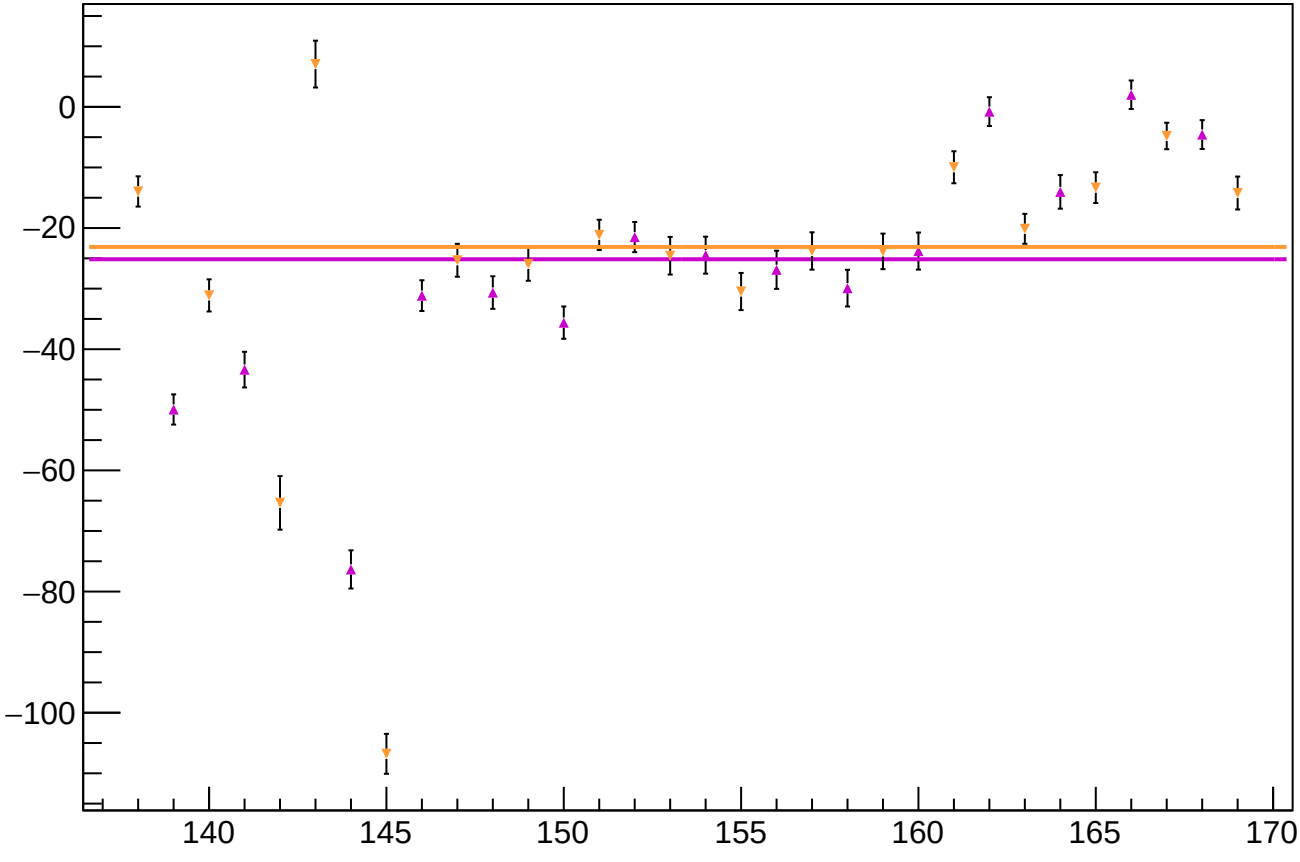
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.132+/-0.006 χ^2/NDF:2000.8/31

Out: 0.147+/-0.005 χ^2/NDF:2270.3/35

All: 0.140+/-0.004 χ^2/NDF: 4274.7/67

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.119+/-0.678 χ^2/NDF:949.2/16

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

Left In: -25.152+/-0.697 χ^2/NDF:760.5/14

Left: -24.108+/-0.486 χ^2/NDF: 1714.2/31

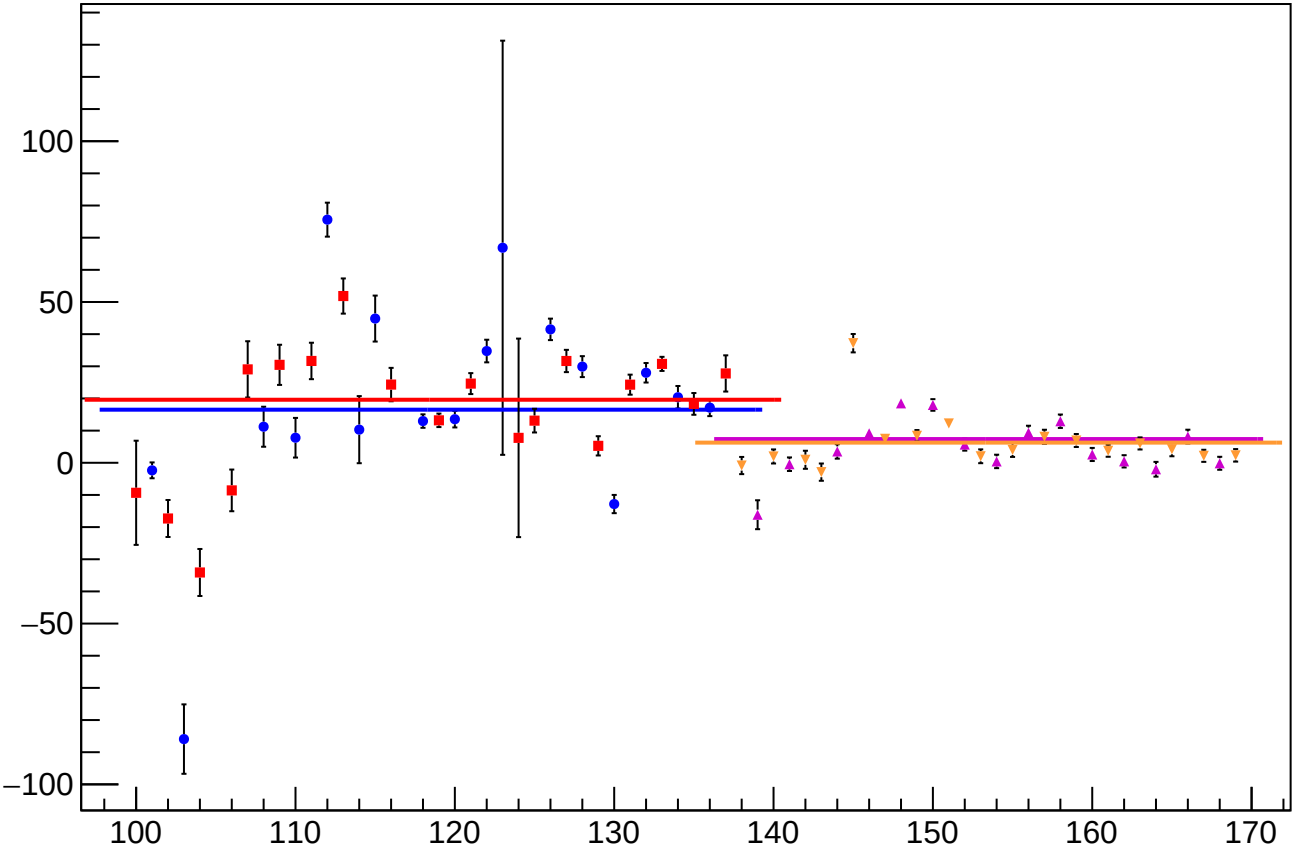
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.152+/-0.697 χ^2/NDF:760.5/14

Out: -23.119+/-0.678 χ^2/NDF:949.2/16

All: -24.108+/-0.486 χ^2/NDF: 1714.2/31

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 6.271+/-0.479 χ^2/NDF:180.7/16

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 7.378+/-0.504 χ^2/NDF:221.4/14

Left: 6.797+/-0.347 χ^2/NDF: 404.7/31

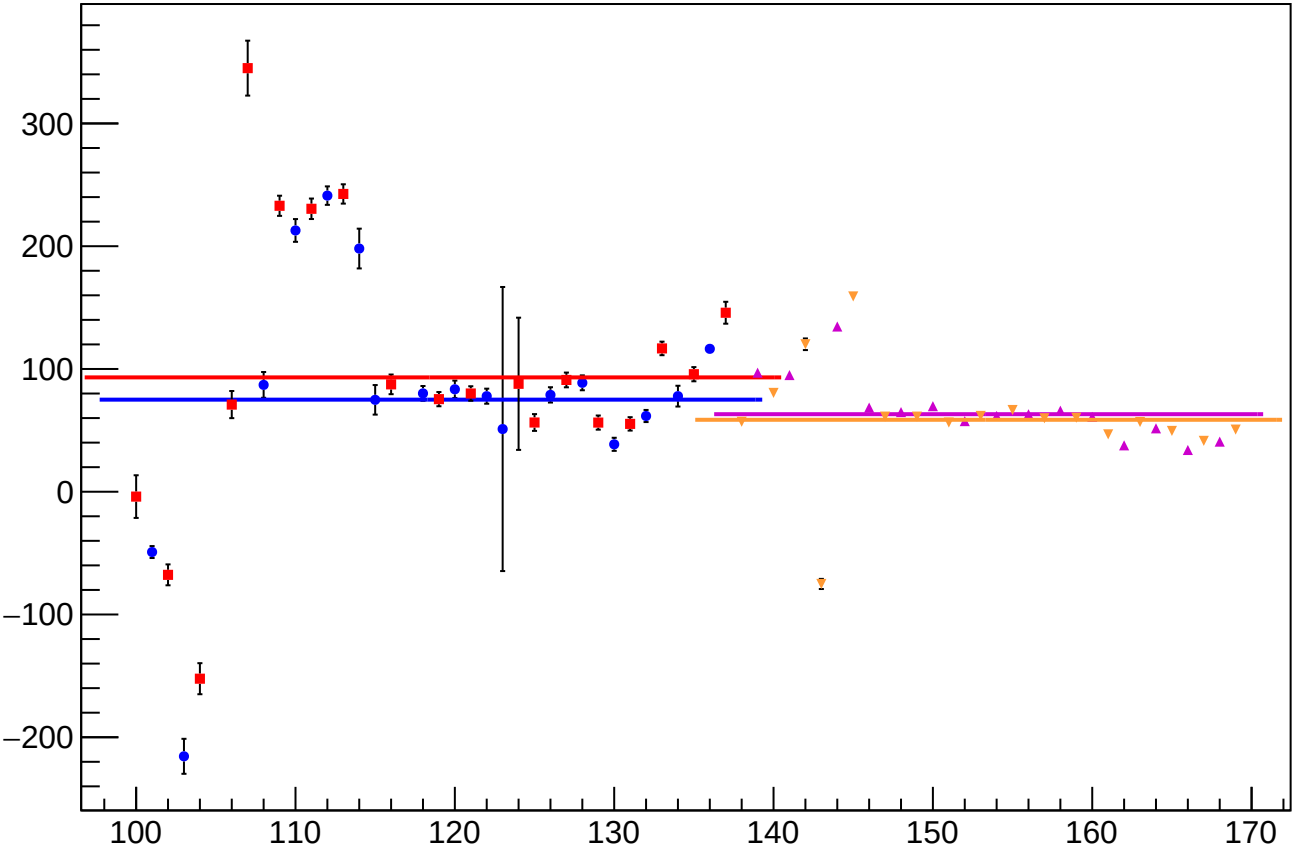
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 9.765+/-0.433 χ^2/NDF:826.9/31

Out: 9.225+/-0.423 χ^2/NDF:594.1/35

All: 9.488+/-0.303 χ^2/NDF: 1421.8/67

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 58.604+/-0.666 χ^2/NDF:2256.8/16

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 63.167+/-0.681 χ^2/NDF:1105.0/14

Left: 60.836+/-0.476 χ^2/NDF: 3384.7/31

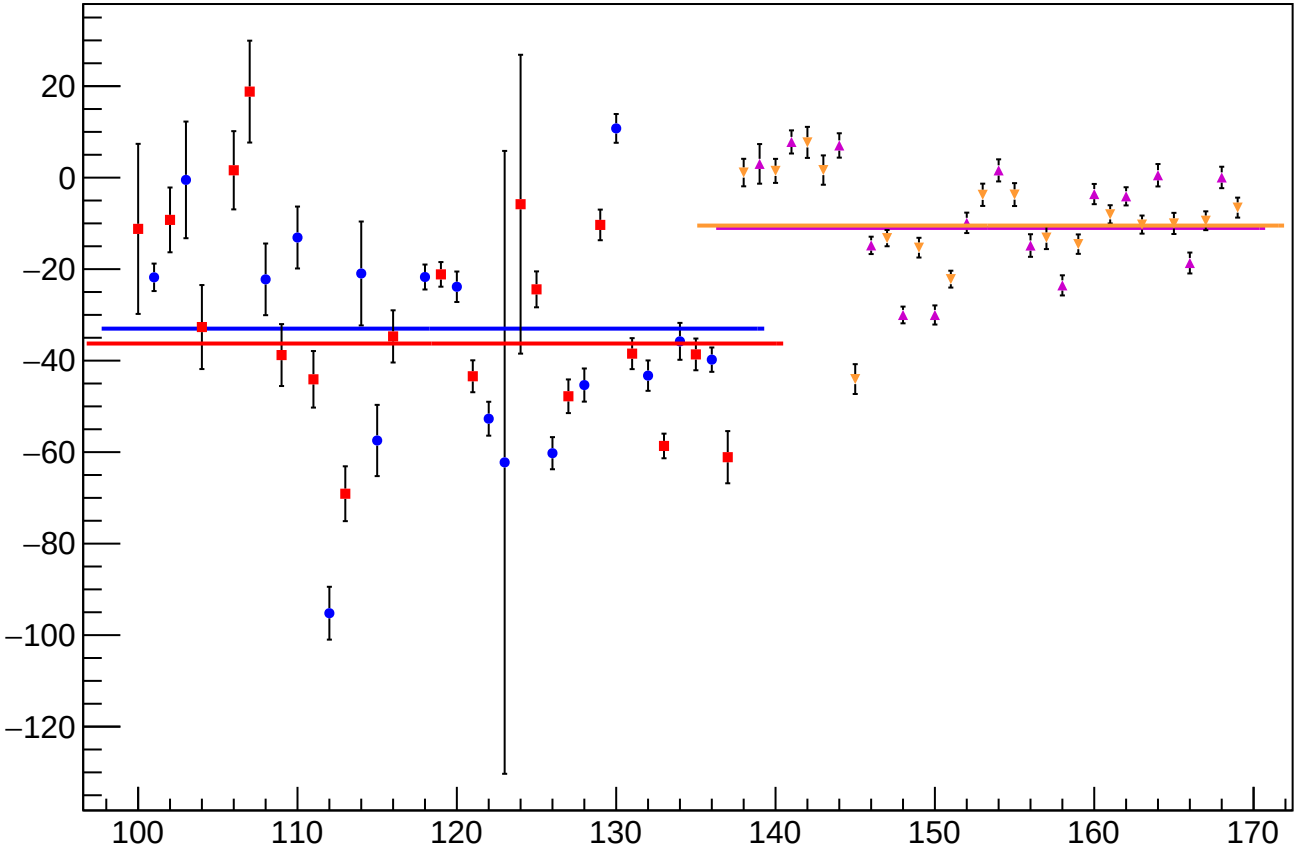
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 64.914+/-0.628 χ^2/NDF:3149.0/31

Out: 63.147+/-0.621 χ^2/NDF:4612.8/35

All: 64.020+/-0.442 χ^2/NDF: 7765.8/67

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.477+/-0.558 χ^2/NDF:257.0/16

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -10.992+/-0.588 χ^2/NDF:447.8/14

Left: -10.721+/-0.405 χ^2/NDF: 705.2/31

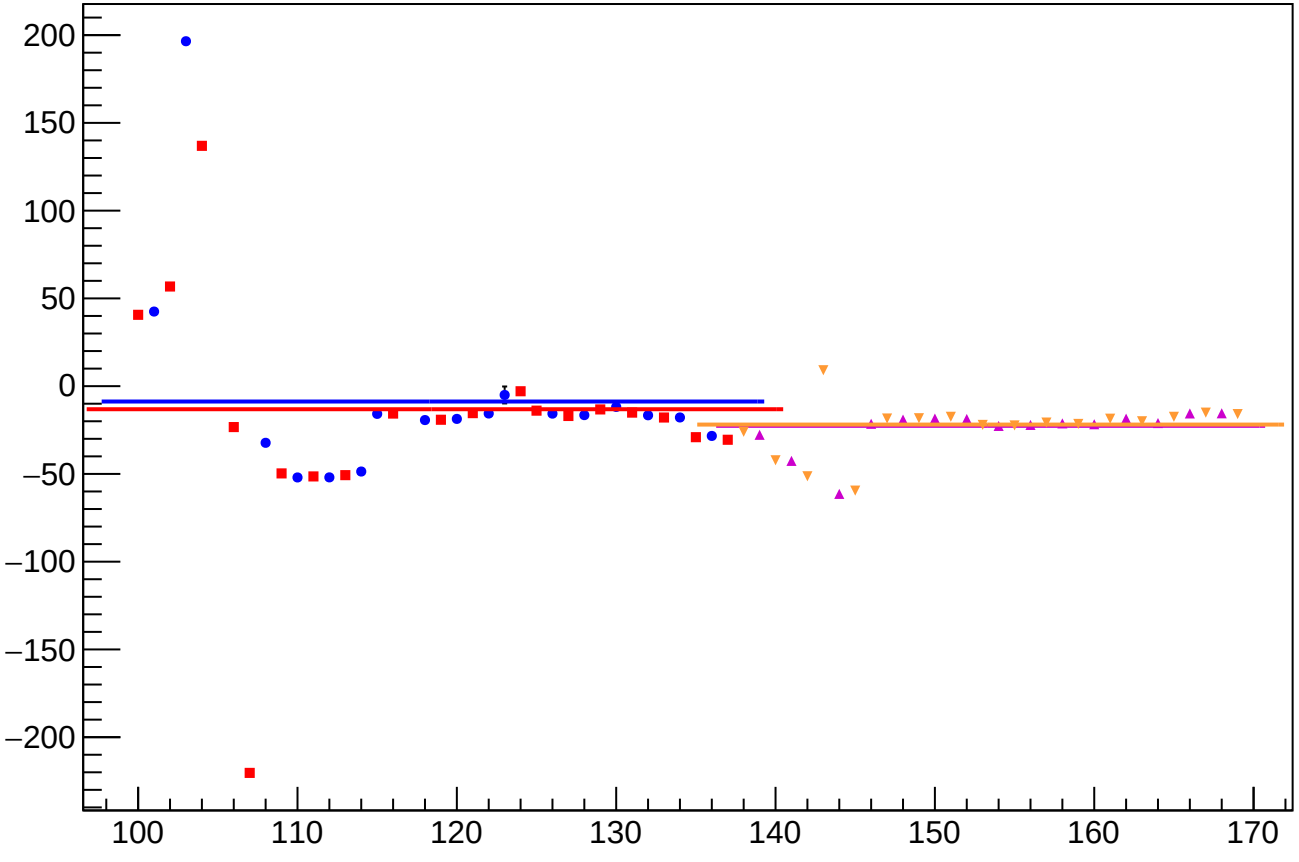
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -16.885+/-0.503 χ^2/NDF:1316.7/31

Out: -16.371+/-0.490 χ^2/NDF:1041.8/35

All: -16.621+/-0.351 χ^2/NDF: 2359.0/67

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -21.889+/-0.026 χ^2/NDF:182075.0/16

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -22.612+/-0.027 χ^2/NDF:114435.7/14

Left: -22.241+/-0.019 χ^2/NDF: 296884.9/31

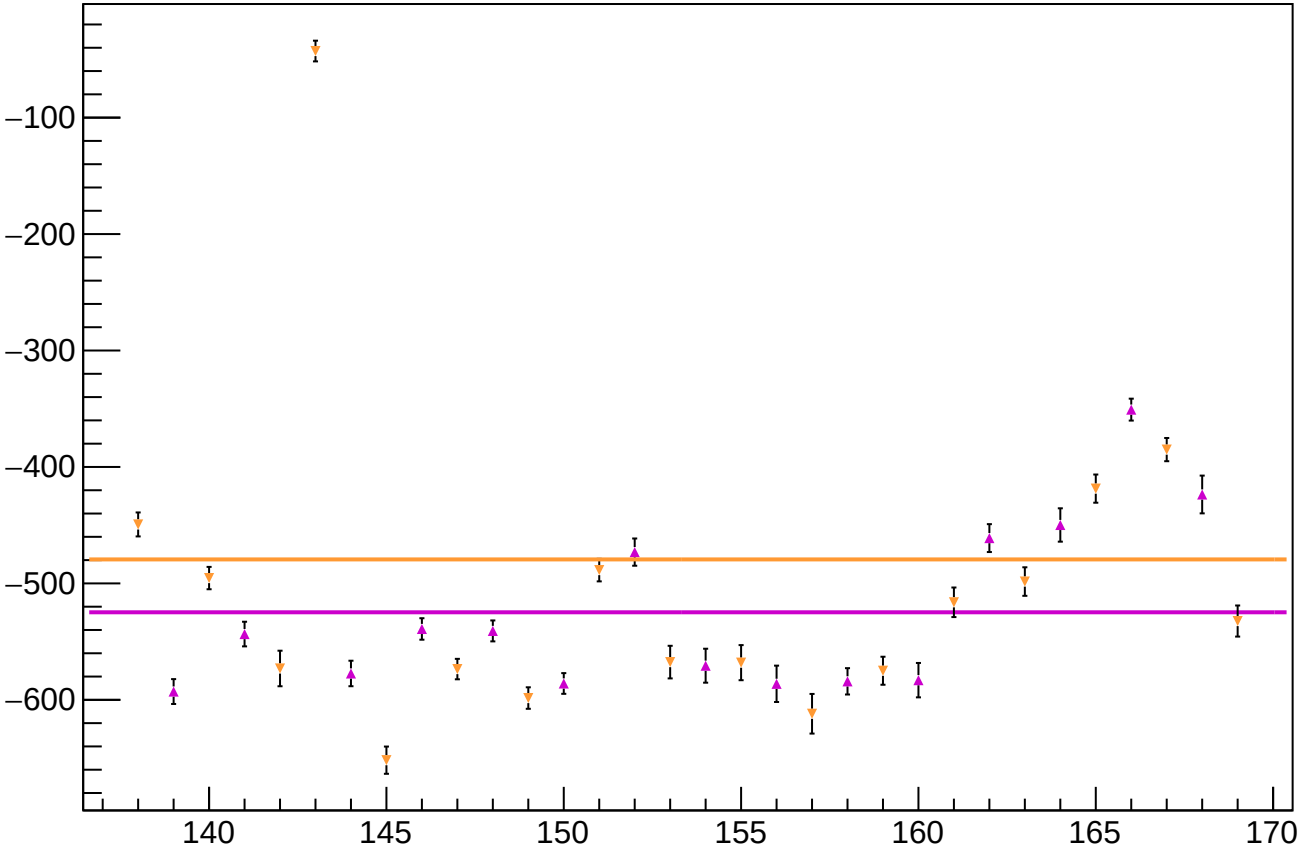
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -20.231+/-0.024 χ^2/NDF:736463.4/31

Out: -20.560+/-0.024 χ^2/NDF:757726.3/35

All: -20.398+/-0.017 χ^2/NDF: 1494282.4/67

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -479.401+/-2.721 χ^2/NDF:3294.4/16

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

Left In: -524.810+/-2.908 χ^2/NDF:644.5/14

Left: -500.600+/-1.987 χ^2/NDF: 4068.9/31

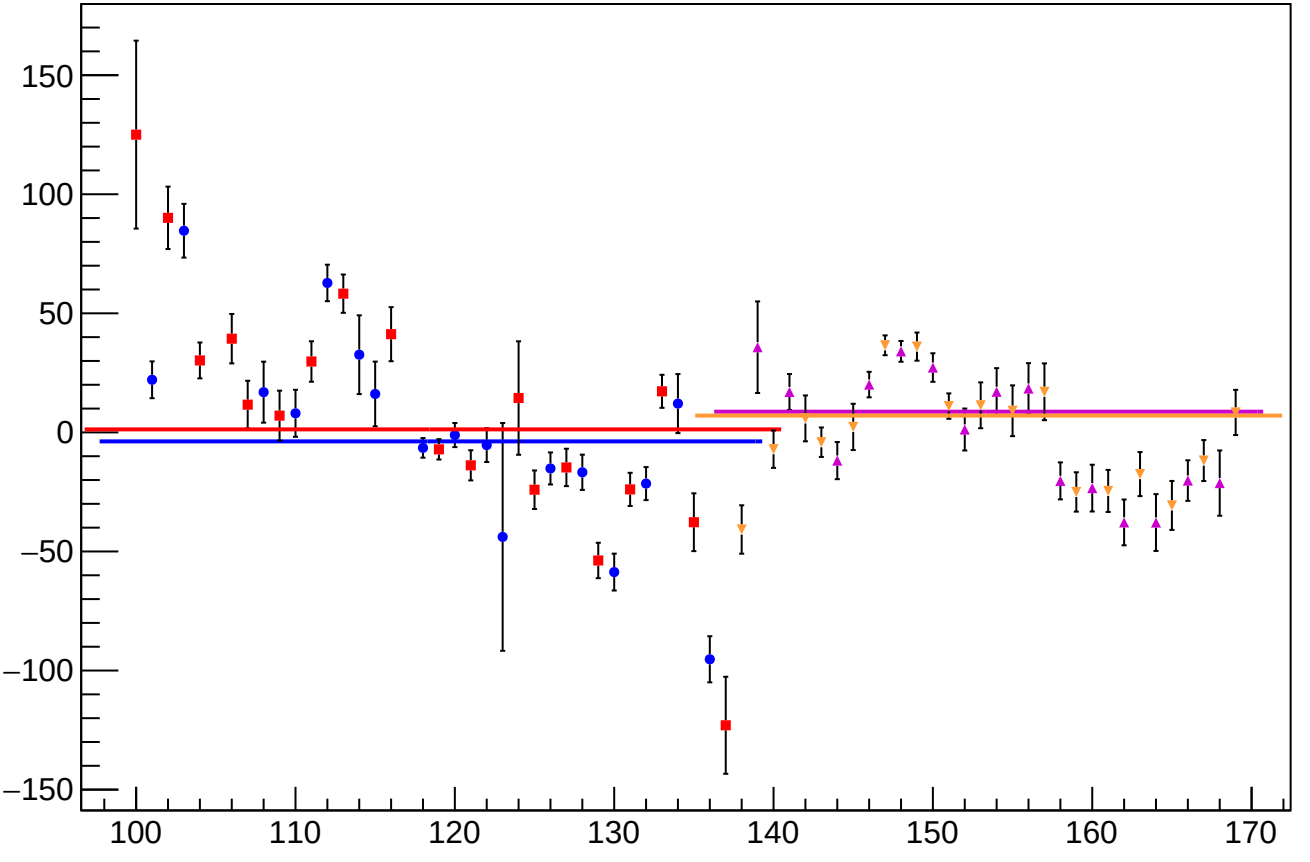
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -524.810+/-2.908 χ^2/NDF:644.5/14

Out: -479.401+/-2.721 χ^2/NDF:3294.4/16

All: -500.600+/-1.987 χ^2/NDF: 4068.9/31

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 7.060+/-1.842 χ^2/NDF:157.9/16

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 8.692+/-2.009 χ^2/NDF:139.9/14

Left: 7.806+/-1.358 χ^2/NDF: 298.2/31

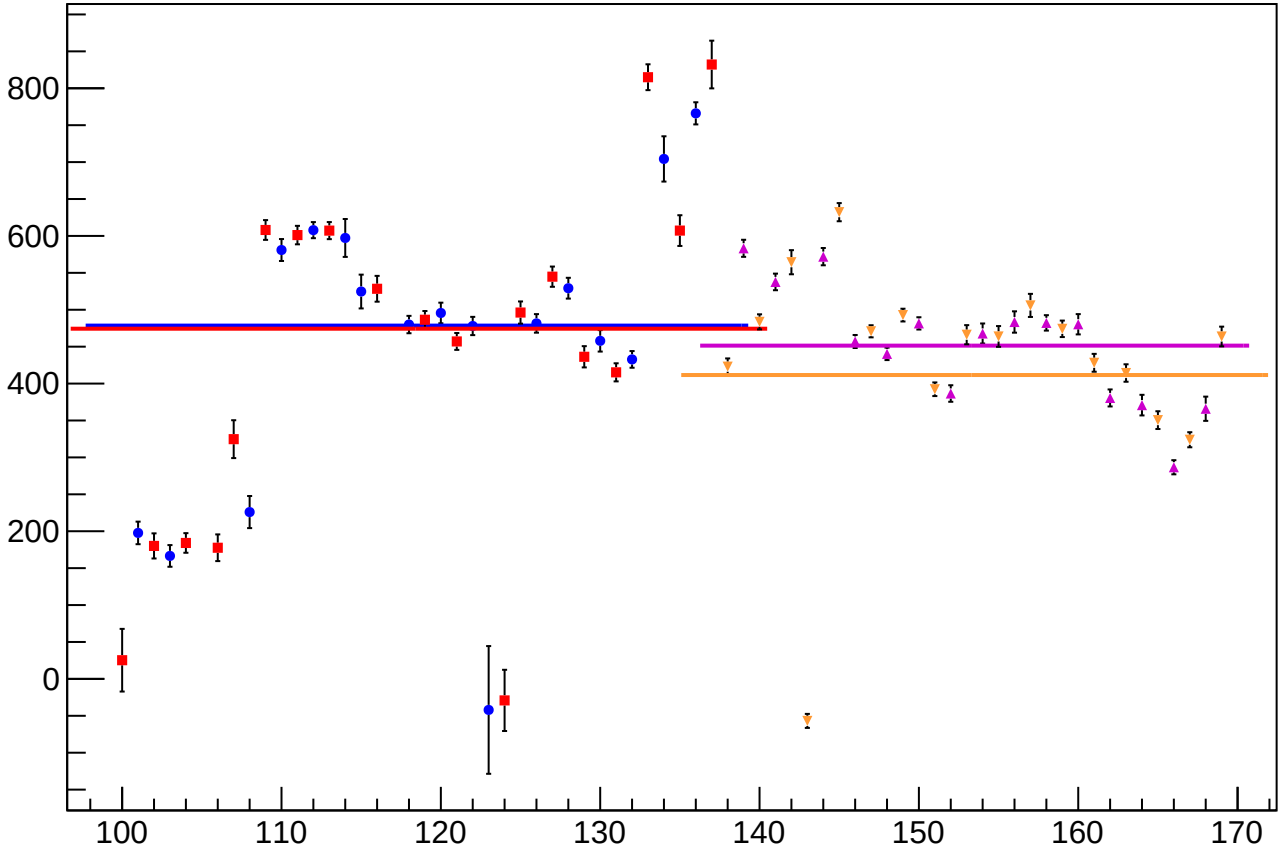
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 2.076+/-1.376 χ^2/NDF:474.7/31

Out: 4.283+/-1.329 χ^2/NDF:466.4/35

All: 3.218+/-0.956 χ^2/NDF: 942.4/67

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 411.587+/-2.689 χ^2/NDF:3252.7/16

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 451.399+/-2.840 χ^2/NDF:756.7/14

Left: 430.412+/-1.953 χ^2/NDF: 4113.1/31

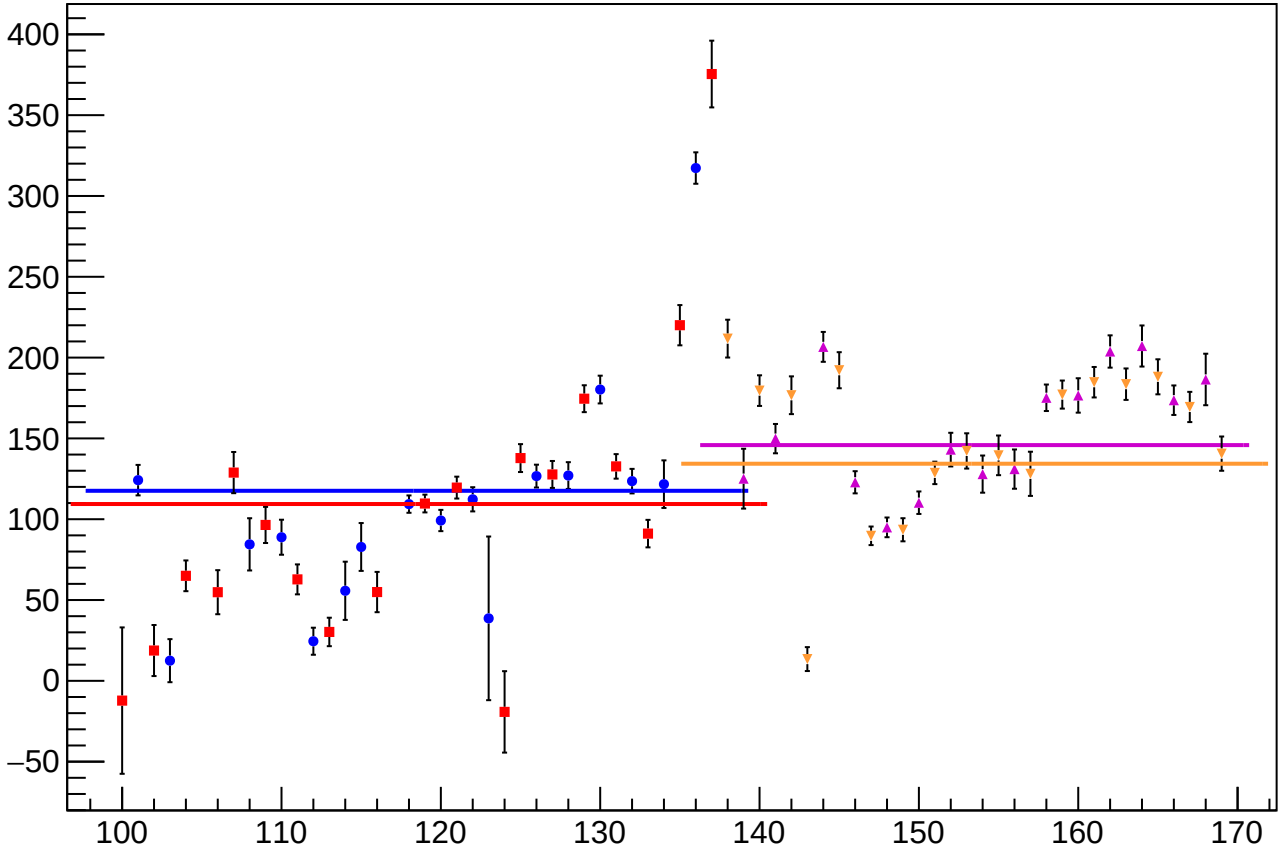
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 461.697+/-2.237 χ^2/NDF:2420.4/31

Out: 434.607+/-2.140 χ^2/NDF:5739.5/35

All: 447.553+/-1.546 χ^2/NDF: 8236.5/67

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 134.334+/-2.198 χ^2/NDF:585.9/16

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 145.858+/-2.390 χ^2/NDF:249.6/14

Left: 139.613+/-1.618 χ^2/NDF: 848.1/31

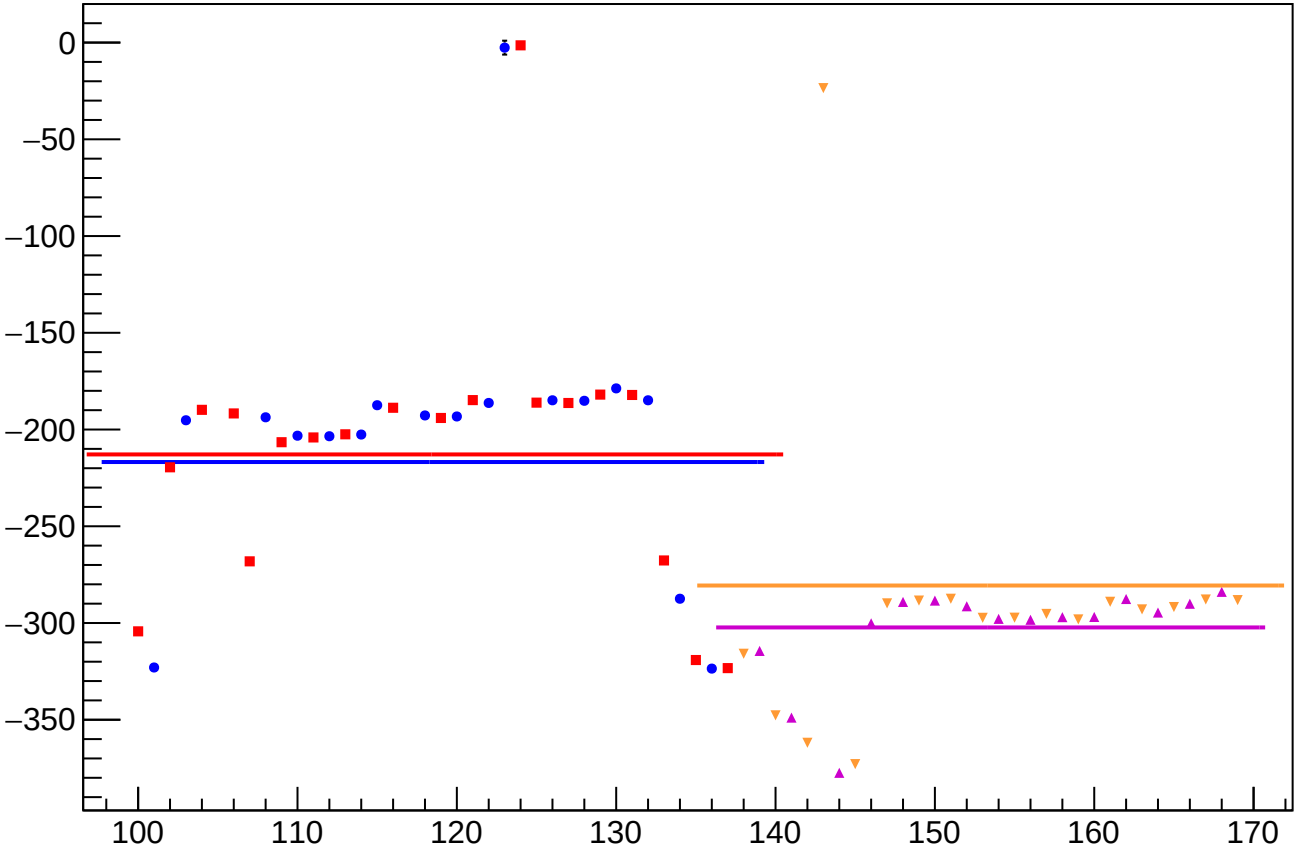
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 130.506+/-1.616 χ^2/NDF:1032.5/31

Out: 121.935+/-1.558 χ^2/NDF:1221.1/35

All: 126.065+/-1.122 χ^2/NDF: 2268.1/67

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -280.618+/-0.108 χ^2/NDF:546185.8/16

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -302.289+/-0.114 χ^2/NDF:39734.8/14

Left: -290.874+/-0.078 χ^2/NDF: 604952.3/31

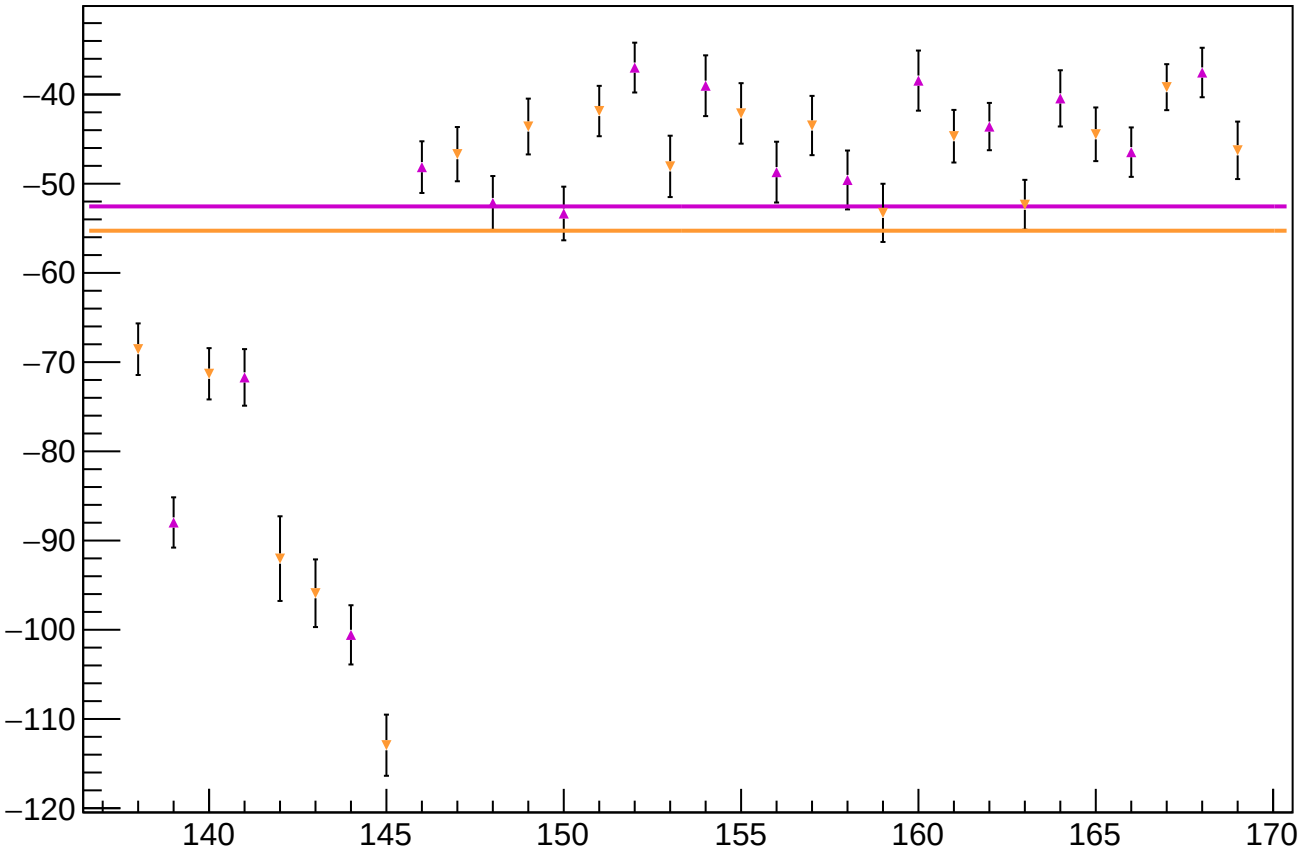
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -266.898+/-0.087 χ^2/NDF:419486.7/31

Out: -252.971+/-0.083 χ^2/NDF:822966.3/35

All: -259.597+/-0.060 χ^2/NDF: 1255801.8/67

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -55.270+/-0.760 χ^2/NDF:660.6/16

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

Left In: -52.546+/-0.781 χ^2/NDF:532.9/14

Left: -53.945+/-0.545 χ^2/NDF: 1199.8/31

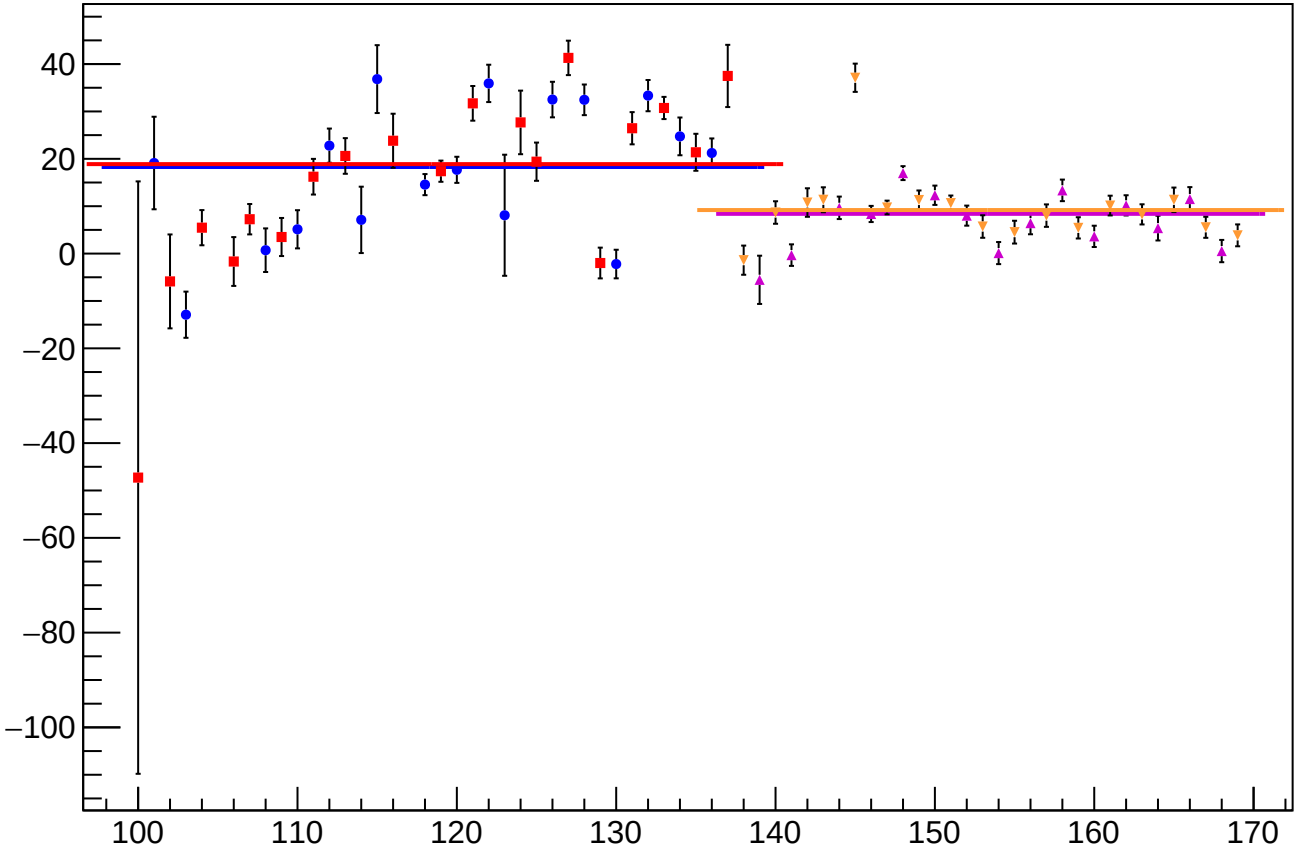
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -52.546+/-0.781 χ^2/NDF:532.9/14

Out: -55.270+/-0.760 χ^2/NDF:660.6/16

All: -53.945+/-0.545 χ^2/NDF: 1199.8/31

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.187+/-0.536 χ^2/NDF:120.7/16

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 8.388+/-0.564 χ^2/NDF:97.7/14

Left: 8.808+/-0.388 χ^2/NDF: 219.4/31

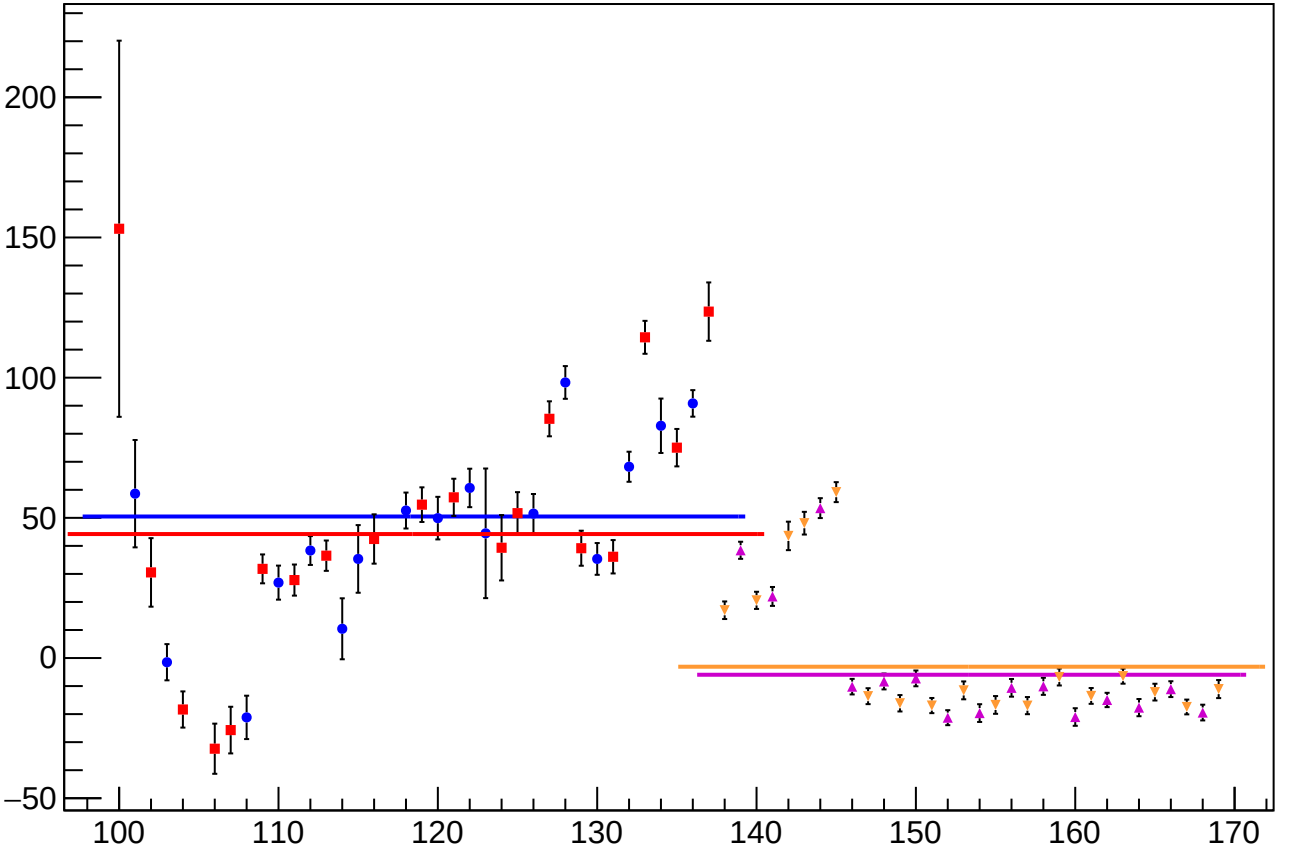
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 11.154+/-0.479 χ^2/NDF:388.2/31

Out: 11.878+/-0.455 χ^2/NDF:410.0/35

All: 11.534+/-0.330 χ^2/NDF: 799.4/67

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -3.097+/-0.746 χ^2/NDF:818.8/16

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -5.963+/-0.763 χ^2/NDF:695.9/14

Left: -4.498+/-0.534 χ^2/NDF: 1521.8/31

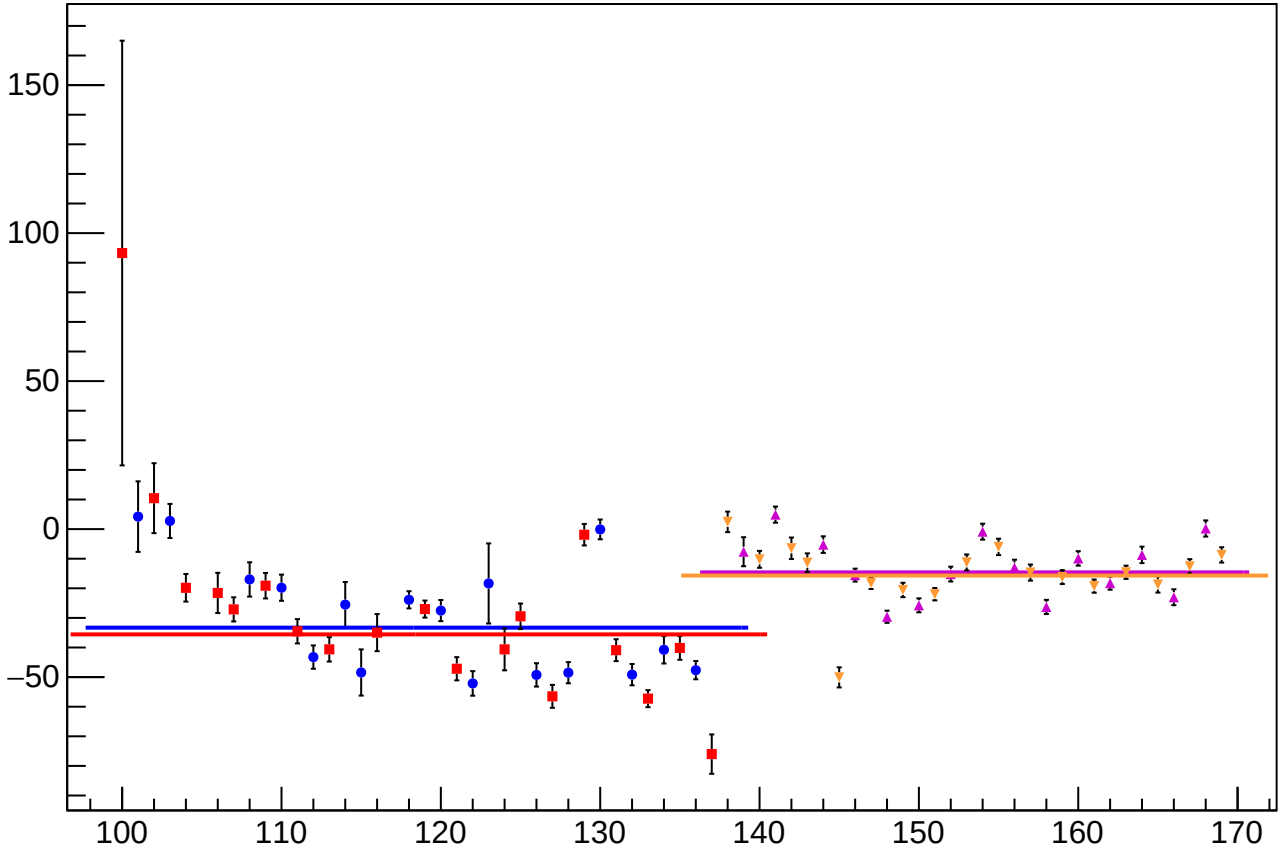
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 3.805+/-0.694 χ^2/NDF:2000.8/31

Out: 5.339+/-0.677 χ^2/NDF:2069.7/35

All: 4.591+/-0.484 χ^2/NDF: 4072.9/67

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -15.690+/-0.625 χ^2/NDF:184.7/16

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -14.617+/-0.657 χ^2/NDF:240.4/14

Left: -15.181+/-0.453 χ^2/NDF: 426.6/31

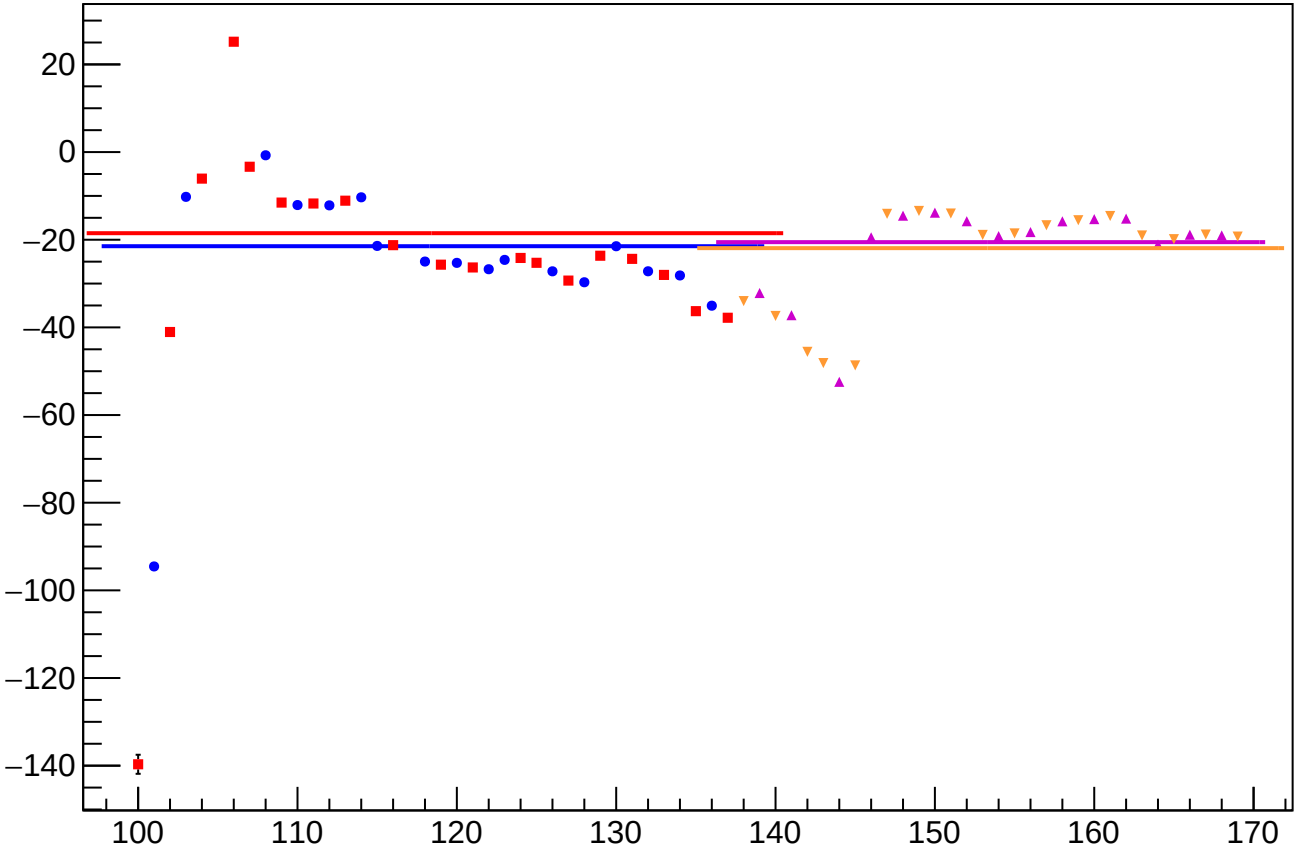
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -19.998+/-0.555 χ^2/NDF:762.2/31

Out: -21.332+/-0.529 χ^2/NDF:759.6/35

All: -20.697+/-0.383 χ^2/NDF: 1524.8/67

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -21.918+/-0.029 χ^2/NDF:126518.7/16

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -20.550+/-0.030 χ^2/NDF:84411.3/14

Left: -21.251+/-0.021 χ^2/NDF: 211998.4/31

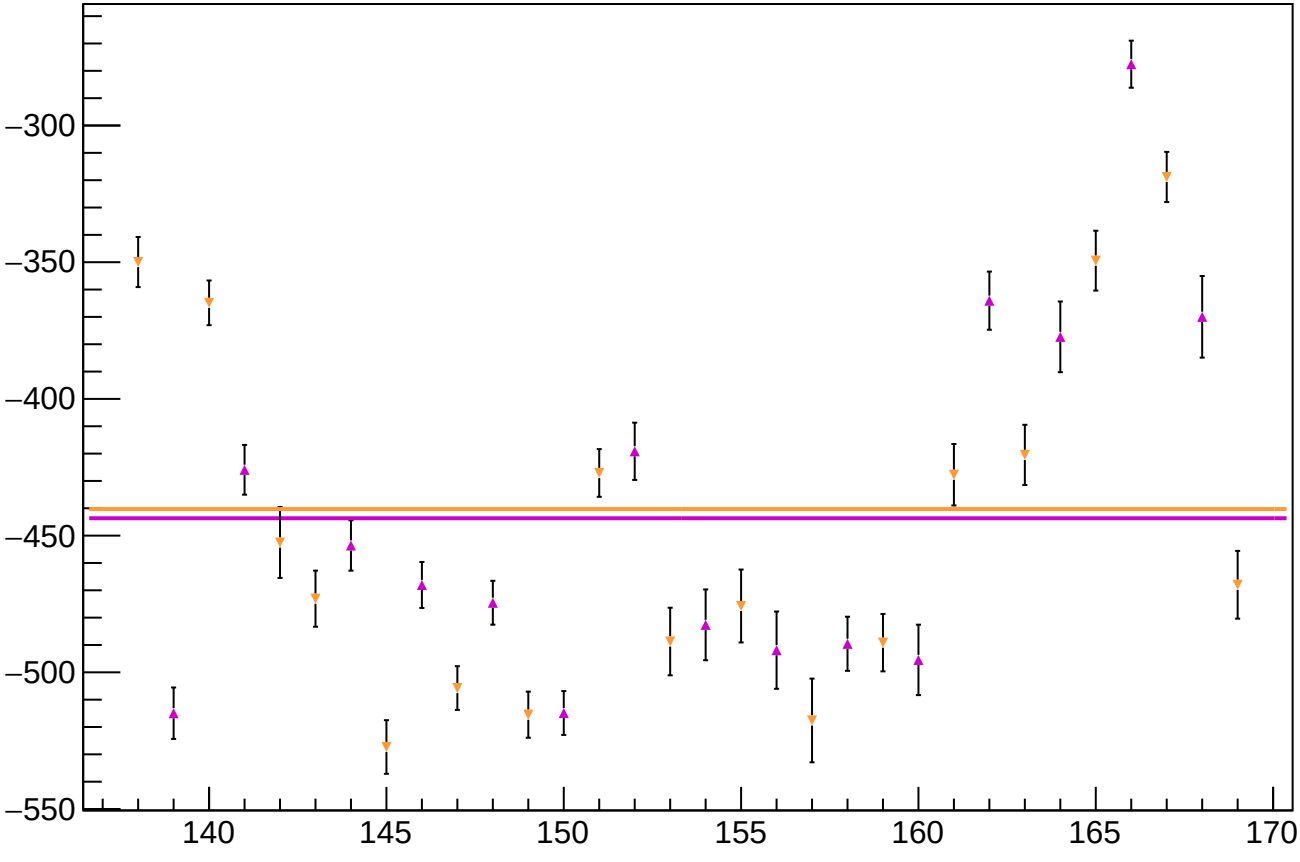
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -20.741+/-0.027 χ^2/NDF:133618.9/31

Out: -21.214+/-0.026 χ^2/NDF:210062.6/35

All: -20.983+/-0.019 χ^2/NDF: 343842.1/67

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -440.286+/-2.469 χ^2/NDF:744.1/16

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

Left In: -443.650+/-2.586 χ^2/NDF:707.5/14

Left: -441.891+/-1.786 χ^2/NDF: 1452.5/31

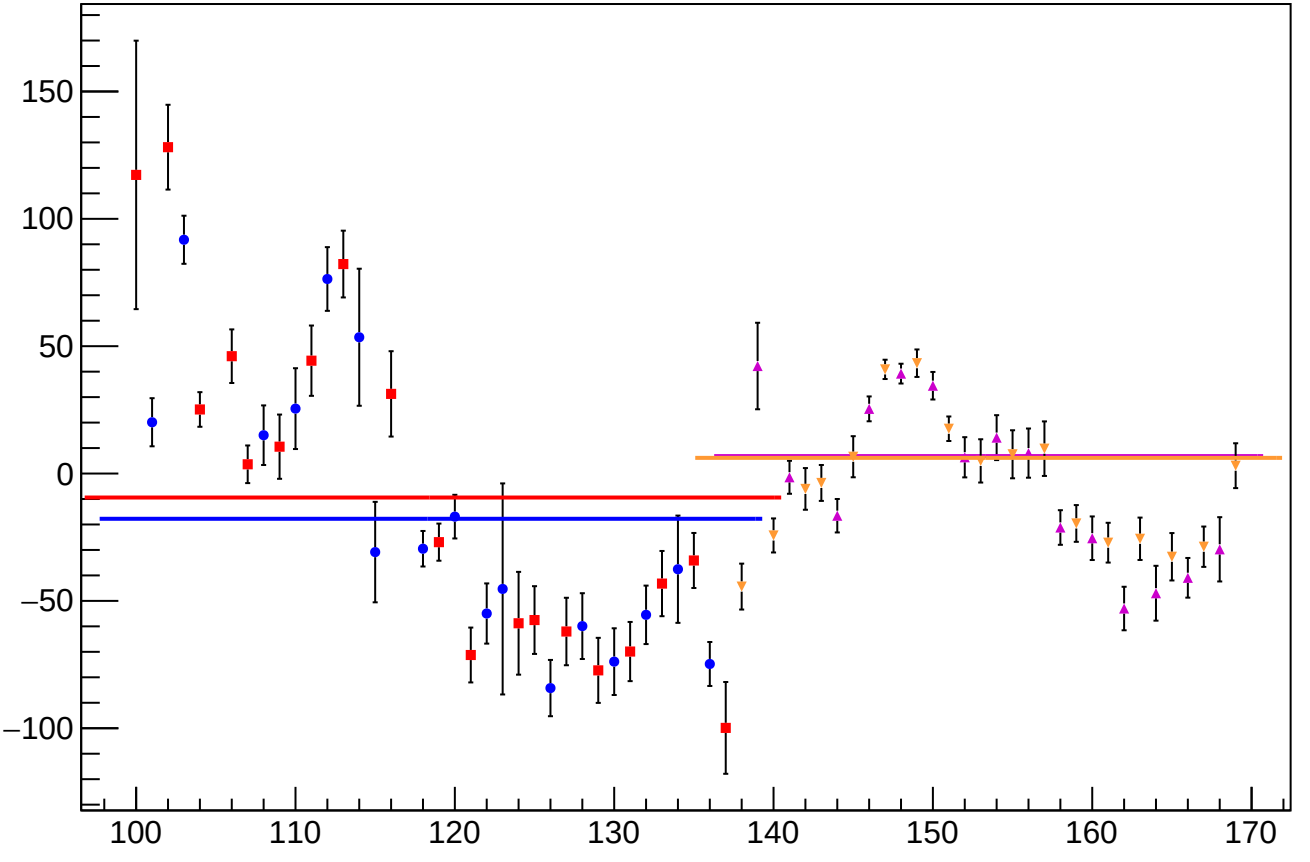
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -443.650+/-2.586 χ^2/NDF:707.5/14

Out: -440.286+/-2.469 χ^2/NDF:744.1/16

All: -441.891+/-1.786 χ^2/NDF: 1452.5/31

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 6.154+/-1.675 χ^2/NDF:276.2/16

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 6.853+/-1.787 χ^2/NDF:280.8/14

Left: 6.481+/-1.222 χ^2/NDF: 557.1/31

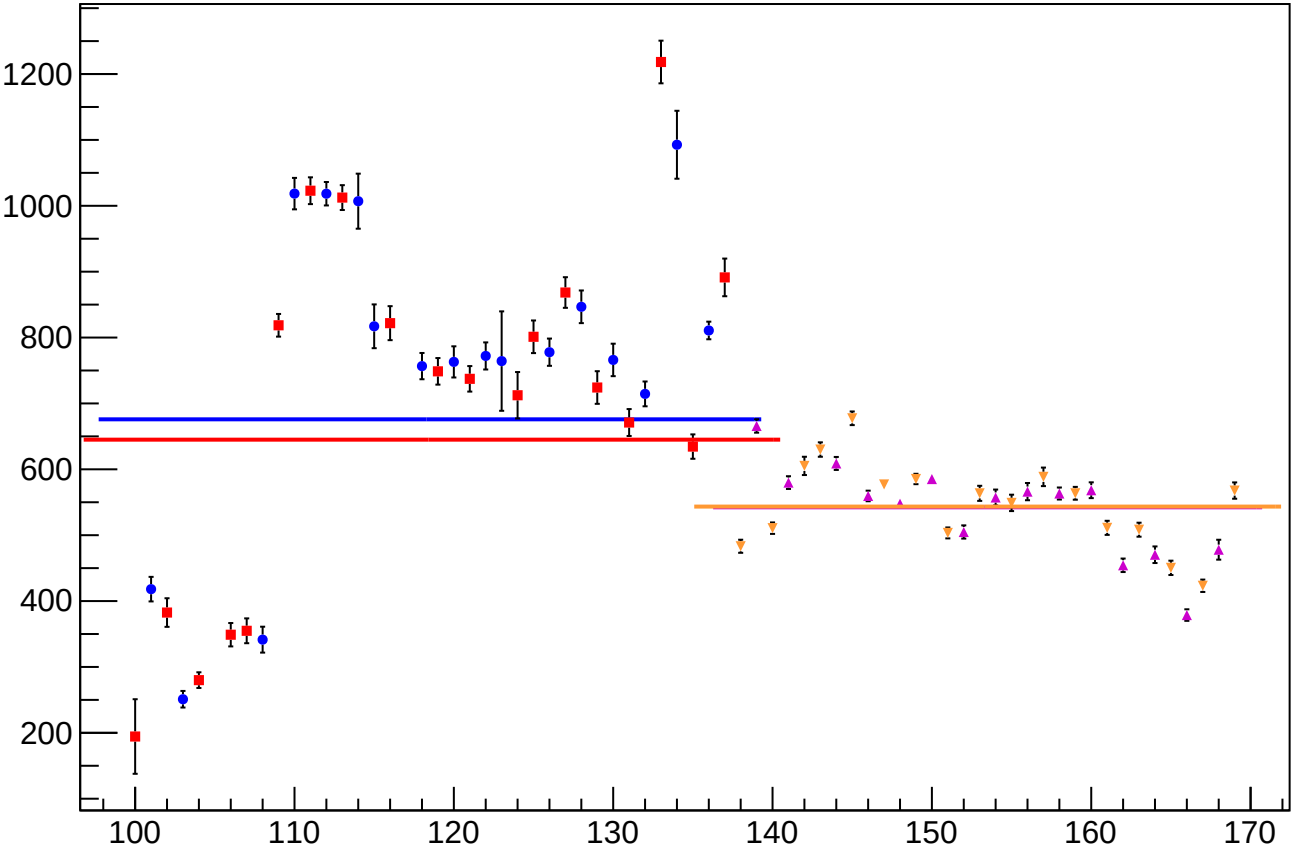
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: -0.342+/-1.504 χ^2/NDF:700.1/31

Out: 1.622+/-1.410 χ^2/NDF:671.0/35

All: 0.703+/-1.029 χ^2/NDF: 1372.0/67

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 543.423+/-2.438 χ^2/NDF:651.2/16

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 542.317+/-2.528 χ^2/NDF:747.2/14

Left: 542.890+/-1.755 χ^2/NDF: 1398.4/31

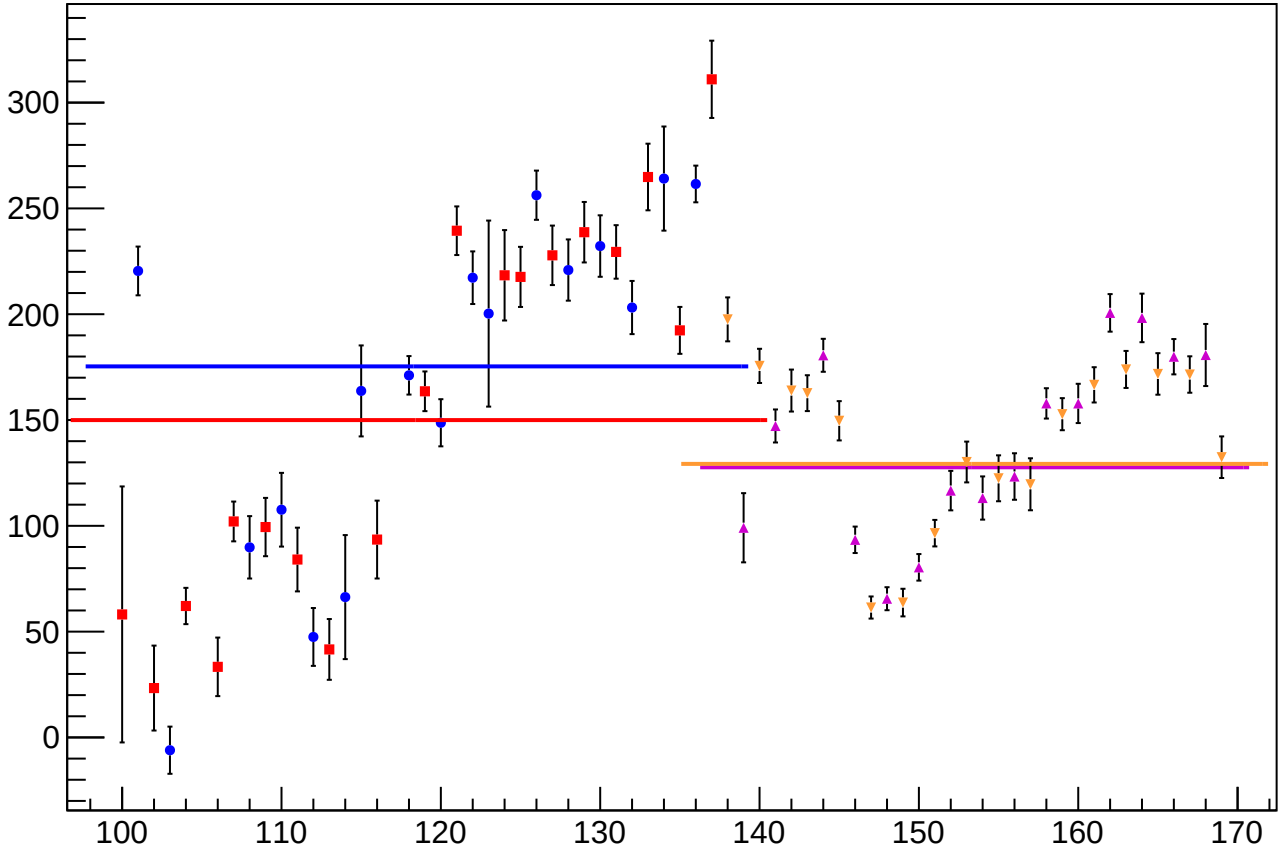
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 569.191+/-2.260 χ^2/NDF:3895.1/31

Out: 564.526+/-2.170 χ^2/NDF:4135.2/35

All: 566.764+/-1.565 χ^2/NDF: 8032.5/67

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 129.267+/-1.997 χ^2/NDF:505.3/16

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 127.658+/-2.126 χ^2/NDF:462.6/14

Left: 128.513+/-1.455 χ^2/NDF: 968.2/31

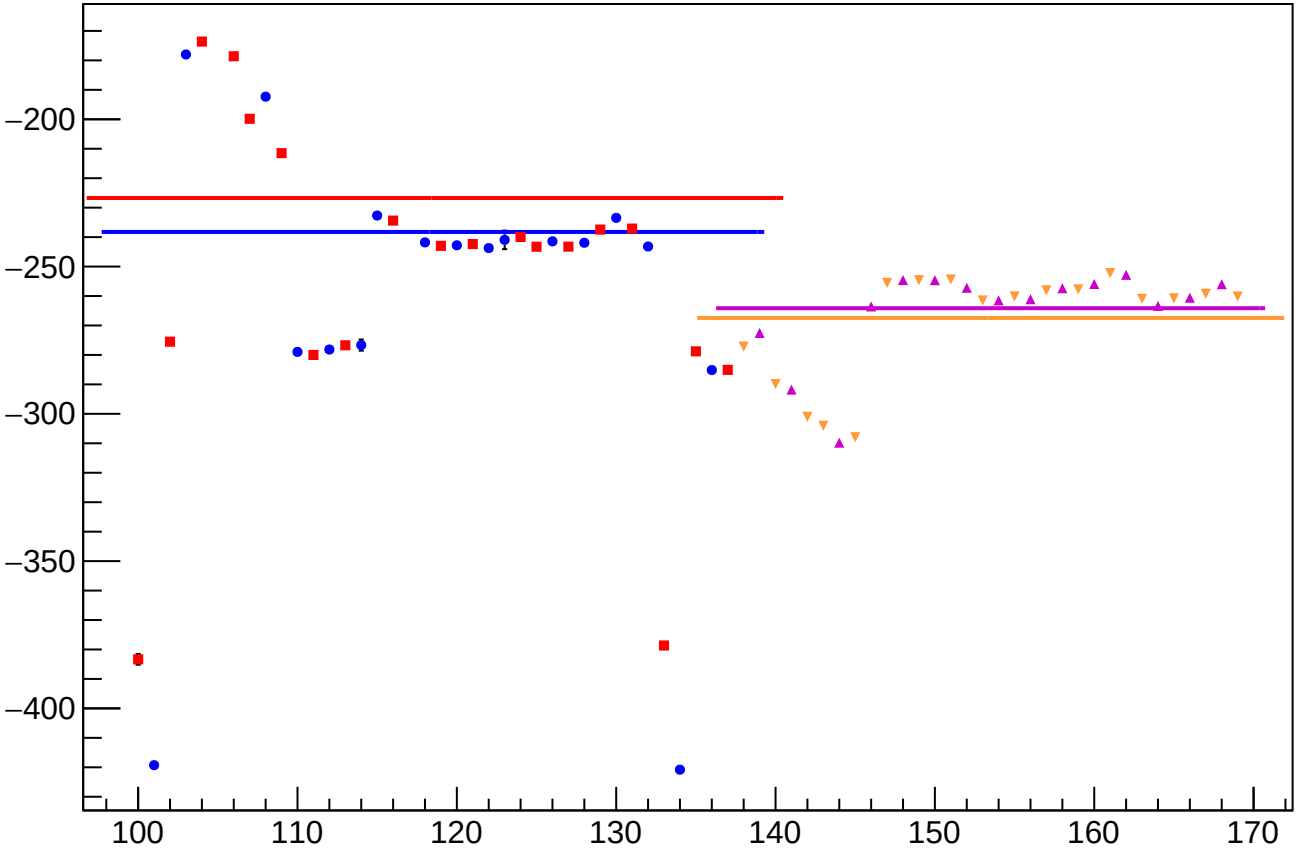
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 142.241+/-1.771 χ^2/NDF:1254.9/31

Out: 135.490+/-1.670 χ^2/NDF:1230.8/35

All: 138.666+/-1.215 χ^2/NDF: 2493.4/67

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -267.446+/-0.098 χ^2/NDF:32626.9/16

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -264.134+/-0.101 χ^2/NDF:20774.1/14

Left: -265.848+/-0.070 χ^2/NDF: 53953.1/31

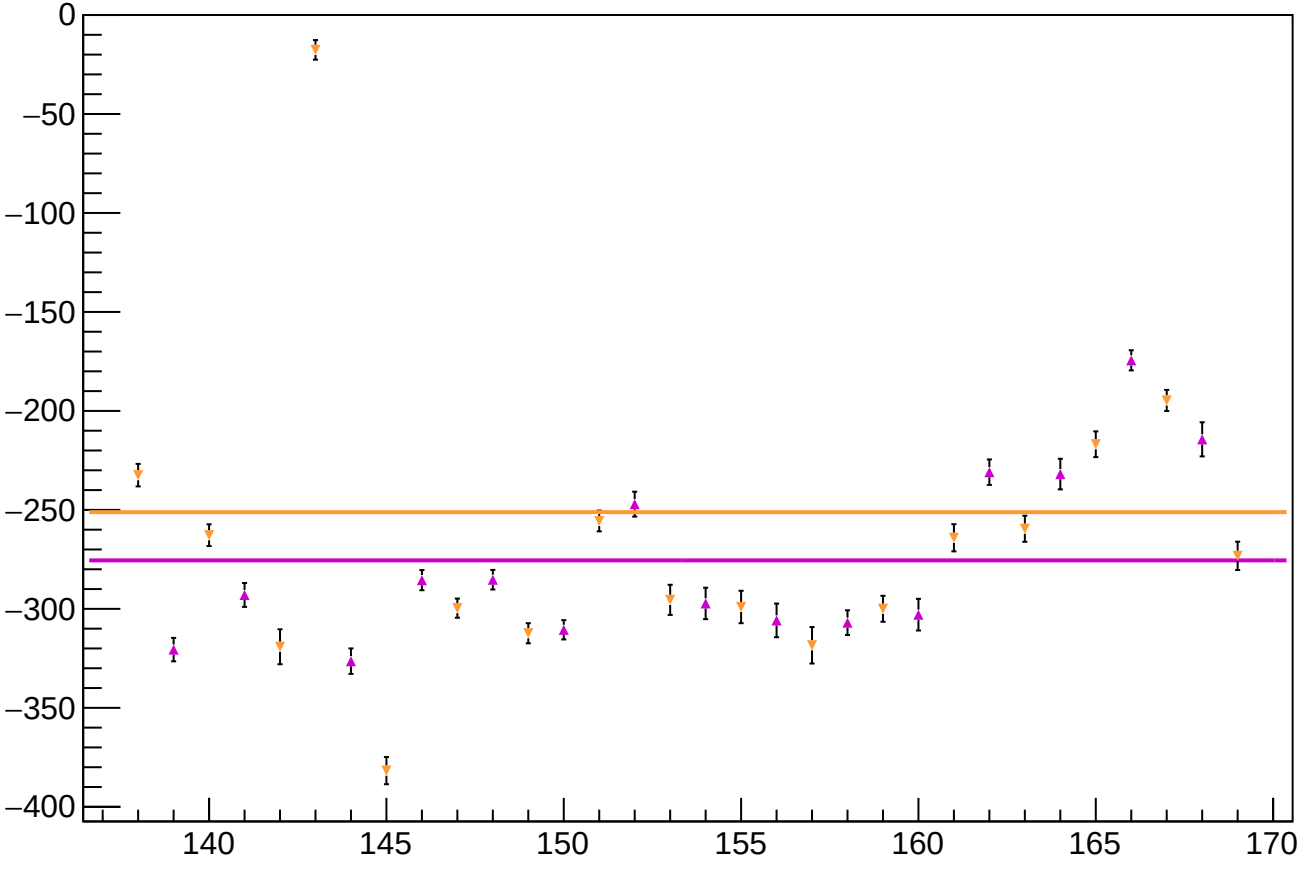
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.710+/-0.086 χ^2/NDF:206585.7/31

Out: -255.396+/-0.082 χ^2/NDF:186653.2/35

All: -256.026+/-0.059 χ^2/NDF: 393361.4/67

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: -251.137+/-1.497 χ^2/NDF:3240.1/16

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

Left In: -275.511+/-1.599 χ^2/NDF:791.0/14

Left: -262.519+/-1.093 χ^2/NDF: 4154.9/31

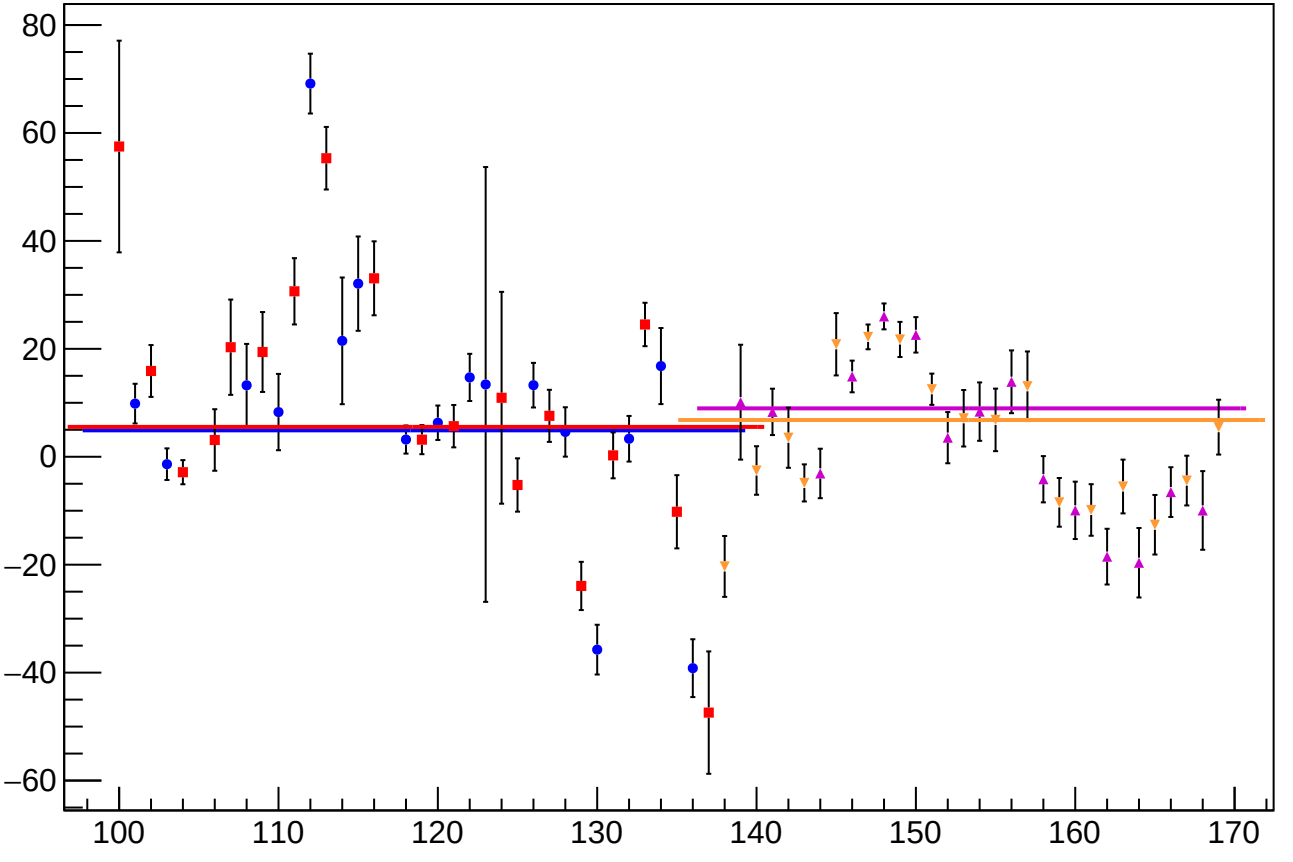
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -275.511+/-1.599 χ^2/NDF:791.0/14

Out: -251.137+/-1.497 χ^2/NDF:3240.1/16

All: -262.519+/-1.093 χ^2/NDF: 4154.9/31

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: 6.808+/-1.014 χ^2/NDF:164.2/16

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 8.968+/-1.105 χ^2/NDF:168.8/14

Left: 7.794+/-0.747 χ^2/NDF: 335.0/31

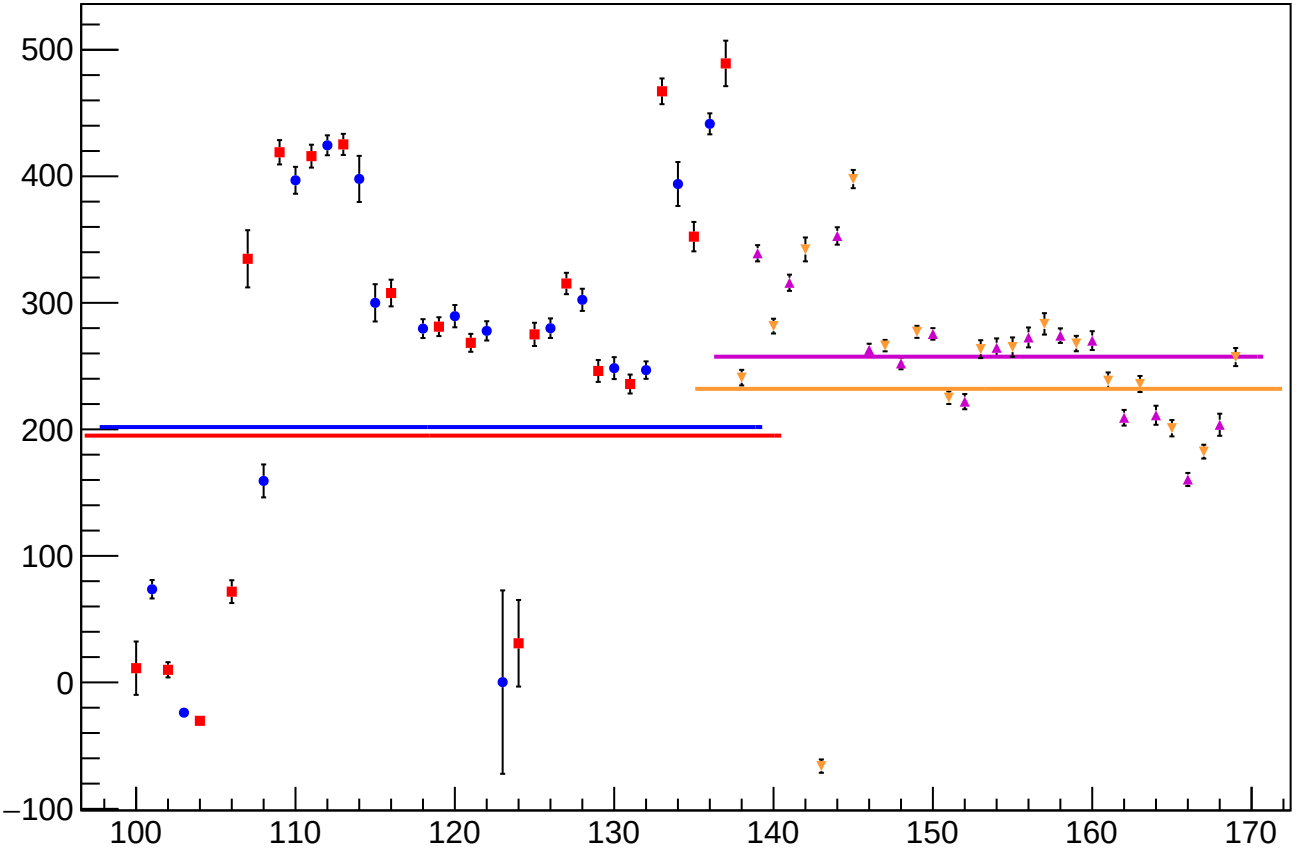
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 6.901+/-0.776 χ^2/NDF:487.6/31

Out: 6.206+/-0.736 χ^2/NDF:404.1/35

All: 6.536+/-0.534 χ^2/NDF: 892.1/67

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: 232.024+/-1.477 χ^2/NDF:4304.2/16

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 257.444+/-1.560 χ^2/NDF:993.9/14

Left: 244.044+/-1.073 χ^2/NDF: 5438.1/31

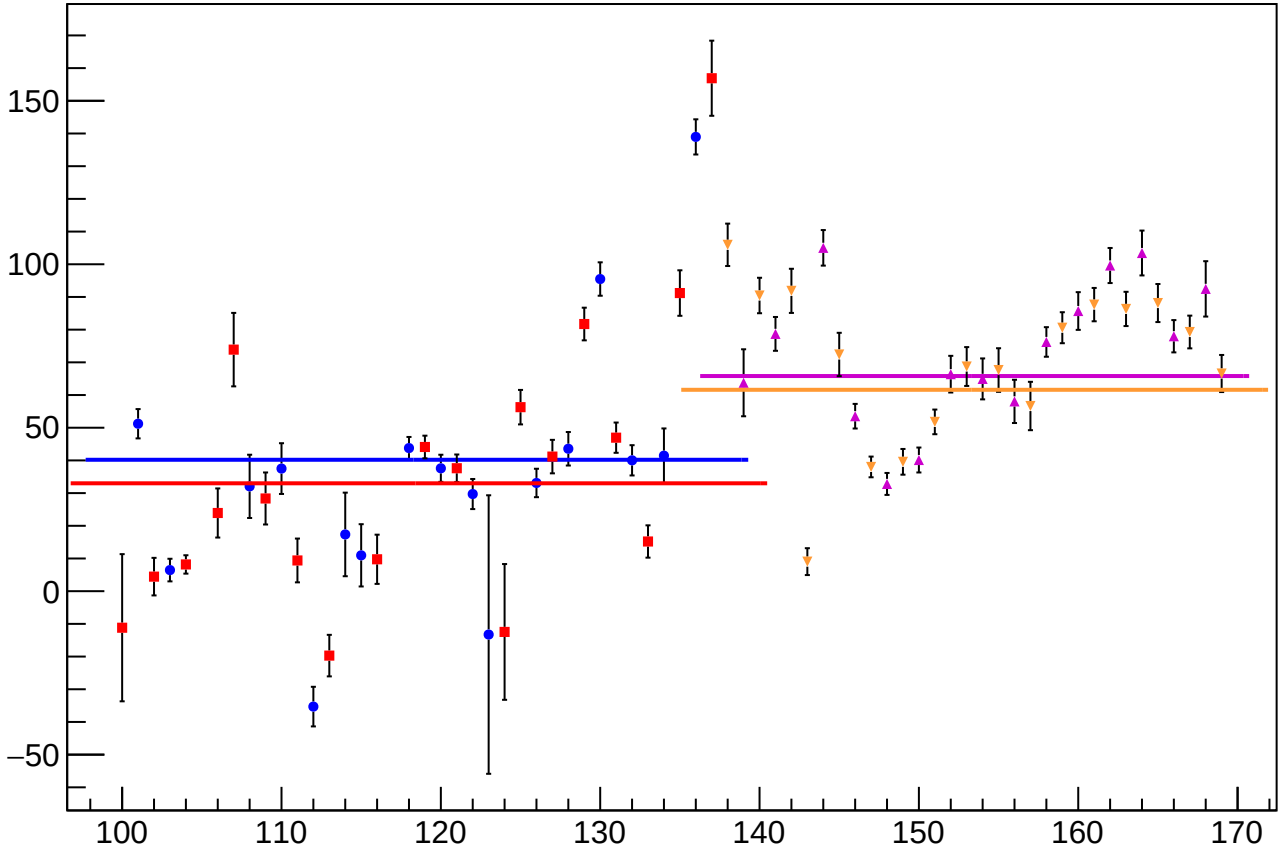
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 236.008+/-1.223 χ^2/NDF:8238.2/31

Out: 218.314+/-1.172 χ^2/NDF:12793.5/35

All: 226.783+/-0.846 χ^2/NDF: 21140.9/67

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: 61.600+/-1.208 χ^2/NDF:456.4/16

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 65.811+/-1.315 χ^2/NDF:315.2/14

Left: 63.528+/-0.889 χ^2/NDF: 777.1/31

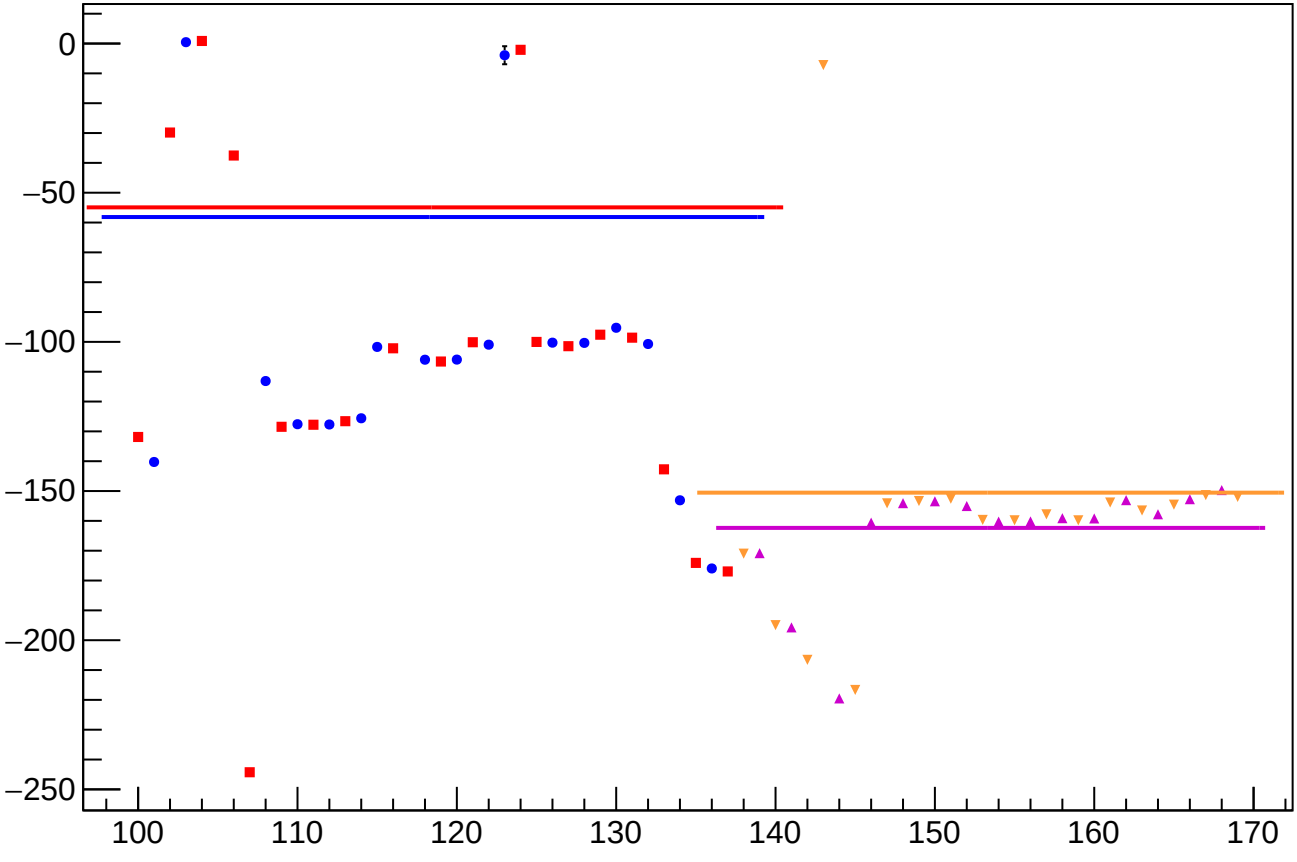
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 52.536+/-0.912 χ^2/NDF:1246.9/31

Out: 47.819+/-0.869 χ^2/NDF:1280.6/35

All: 50.064+/-0.629 χ^2/NDF: 2541.5/67

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -150.539+/-0.059 χ^2/NDF:579889.0/16

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -162.353+/-0.063 χ^2/NDF:63994.9/14

Left: -156.128+/-0.043 χ^2/NDF: 662665.0/31

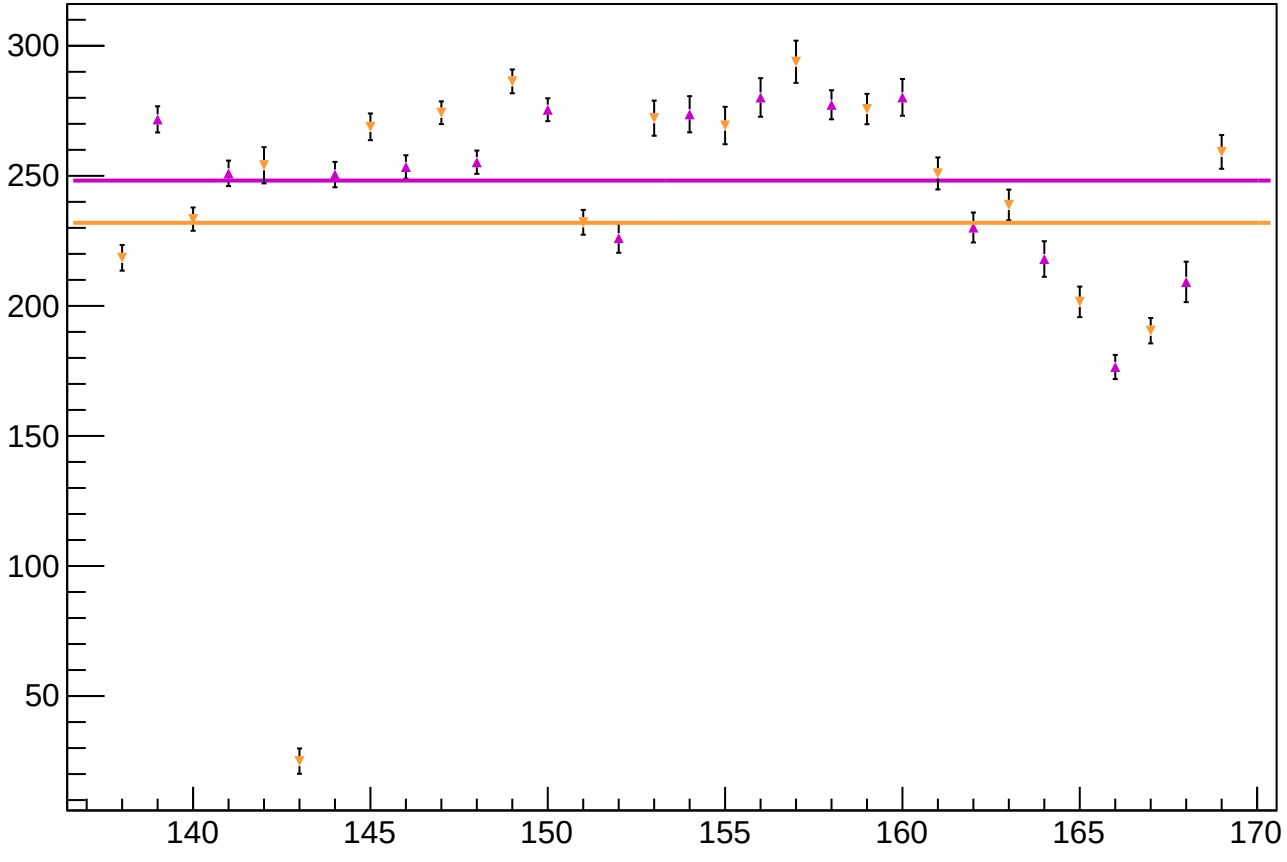
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -109.411+/-0.044 χ^2/NDF:2578192.6/31

Out: -103.466+/-0.042 χ^2/NDF:2863997.6/35

All: -106.325+/-0.030 χ^2/NDF: 5451712.3/67

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 231.942+/-1.323 χ^2/NDF:2413.9/16

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

Left In: 248.190+/-1.400 χ^2/NDF:451.4/14

Left: 239.612+/-0.962 χ^2/NDF: 2936.5/31

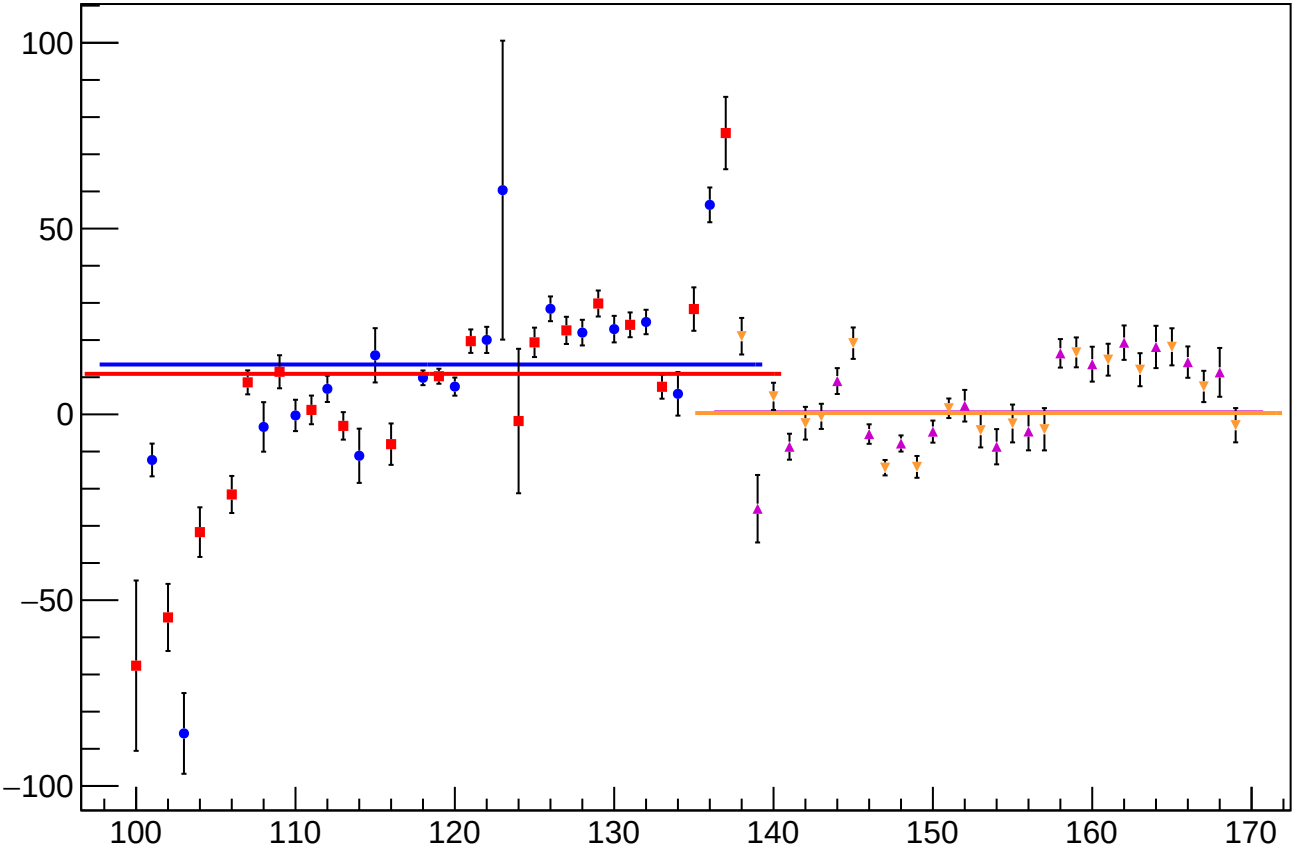
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 248.190+/-1.400 χ^2/NDF:451.4/14

Out: 231.942+/-1.323 χ^2/NDF:2413.9/16

All: 239.612+/-0.962 χ^2/NDF: 2936.5/31

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: 0.362+/-0.902 χ^2/NDF:166.7/16

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 0.536+/-0.973 χ^2/NDF:112.6/14

Left: 0.442+/-0.662 χ^2/NDF: 279.3/31

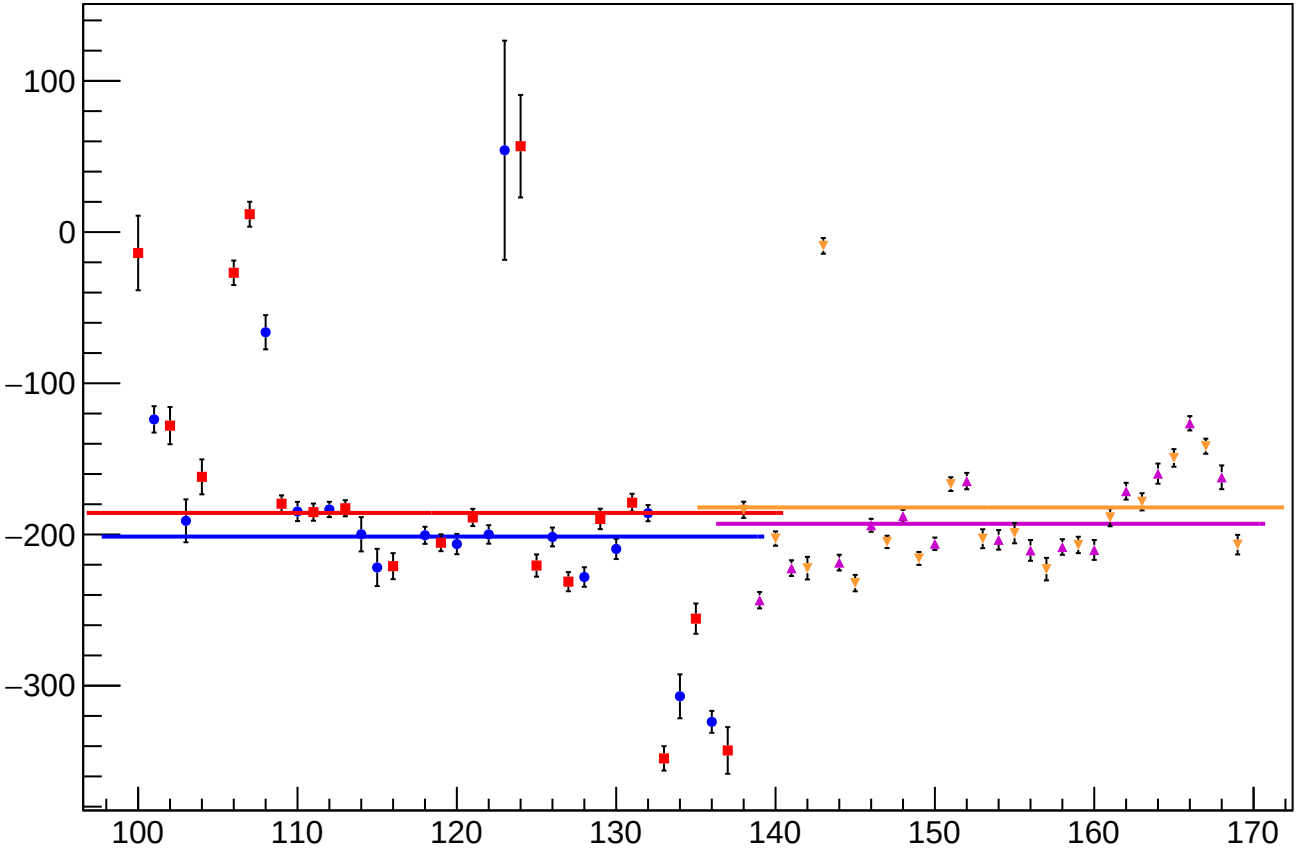
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 7.344+/-0.668 χ^2/NDF:500.5/31

Out: 5.553+/-0.643 χ^2/NDF:536.6/35

All: 6.413+/-0.463 χ^2/NDF: 1040.8/67

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: -182.105+/-1.309 χ^2/NDF:1526.3/16

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -192.927+/-1.370 χ^2/NDF:458.1/14

Left: -187.271+/-0.947 χ^2/NDF: 2017.0/31

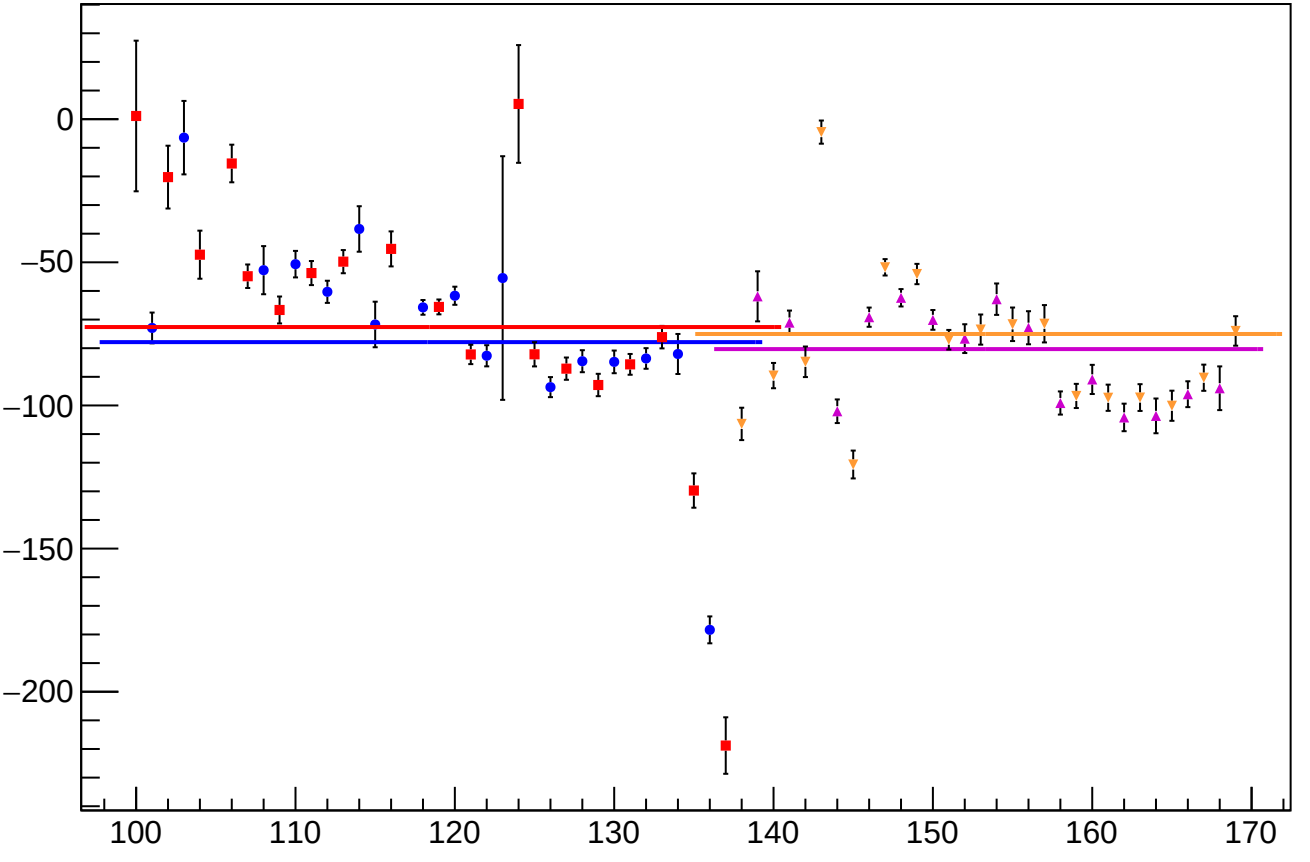
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -196.074+/-1.086 χ^2/NDF:1095.7/31

Out: -183.458+/-1.037 χ^2/NDF:3278.5/35

All: -189.479+/-0.750 χ^2/NDF: 4444.8/67

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: -75.037+/-1.074 χ^2/NDF:645.3/16

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -80.314+/-1.156 χ^2/NDF:184.6/14

Left: -77.481+/-0.787 χ^2/NDF: 841.1/31

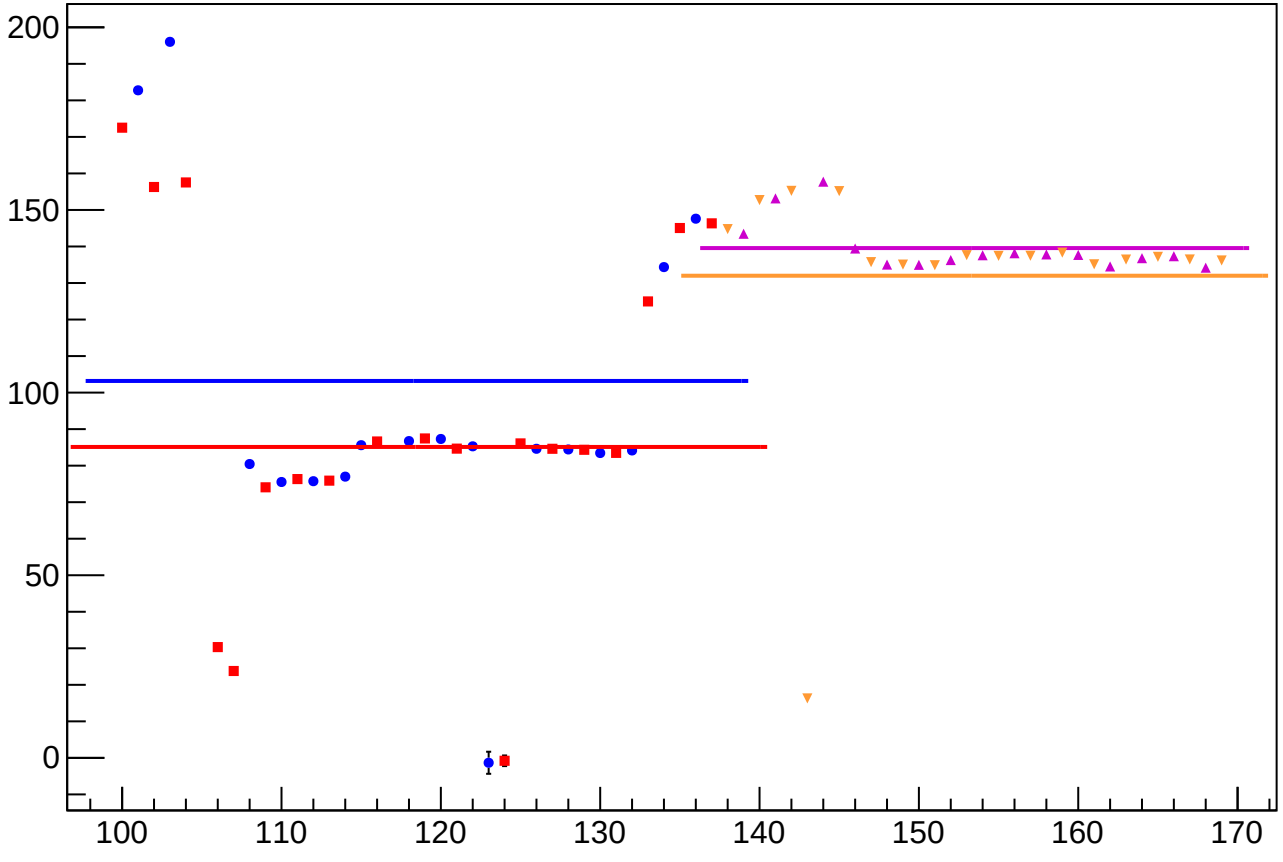
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -78.997+/-0.783 χ^2/NDF:845.2/31

Out: -73.801+/-0.752 χ^2/NDF:1254.7/35

All: -76.293+/-0.543 χ^2/NDF: 2122.8/67

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 131.996+/-0.052 χ^2/NDF:346396.8/16

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 139.566+/-0.055 χ^2/NDF:13802.2/14

Left: 135.609+/-0.038 χ^2/NDF: 370123.8/31

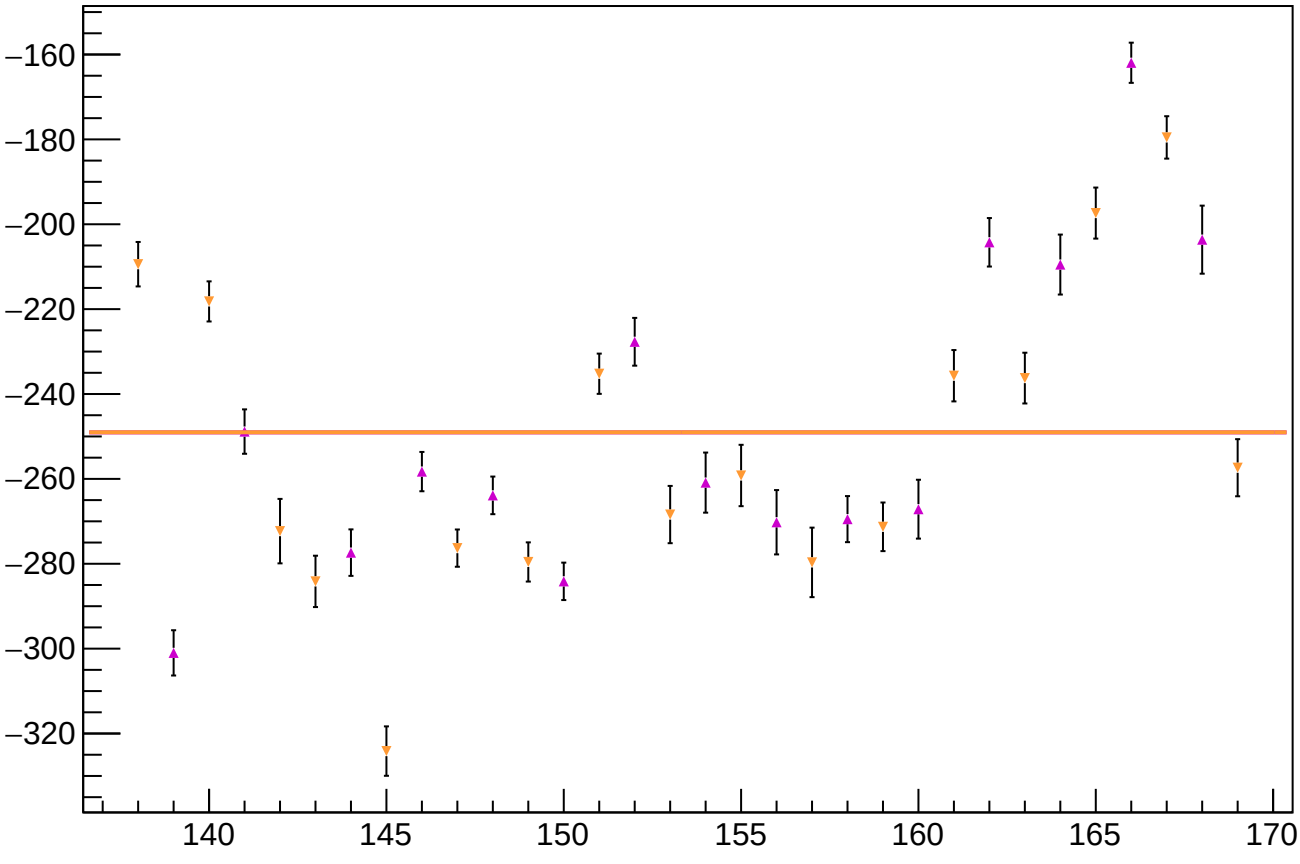
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 125.782+/-0.043 χ^2/NDF:453539.0/31

Out: 113.045+/-0.041 χ^2/NDF:1092239.0/35

All: 118.992+/-0.030 χ^2/NDF: 1591916.5/67

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: -249.017+/-1.373 χ^2/NDF:717.6/16

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

Left In: -249.042+/-1.431 χ^2/NDF:709.4/14

Left: -249.029+/-0.991 χ^2/NDF: 1427.0/31

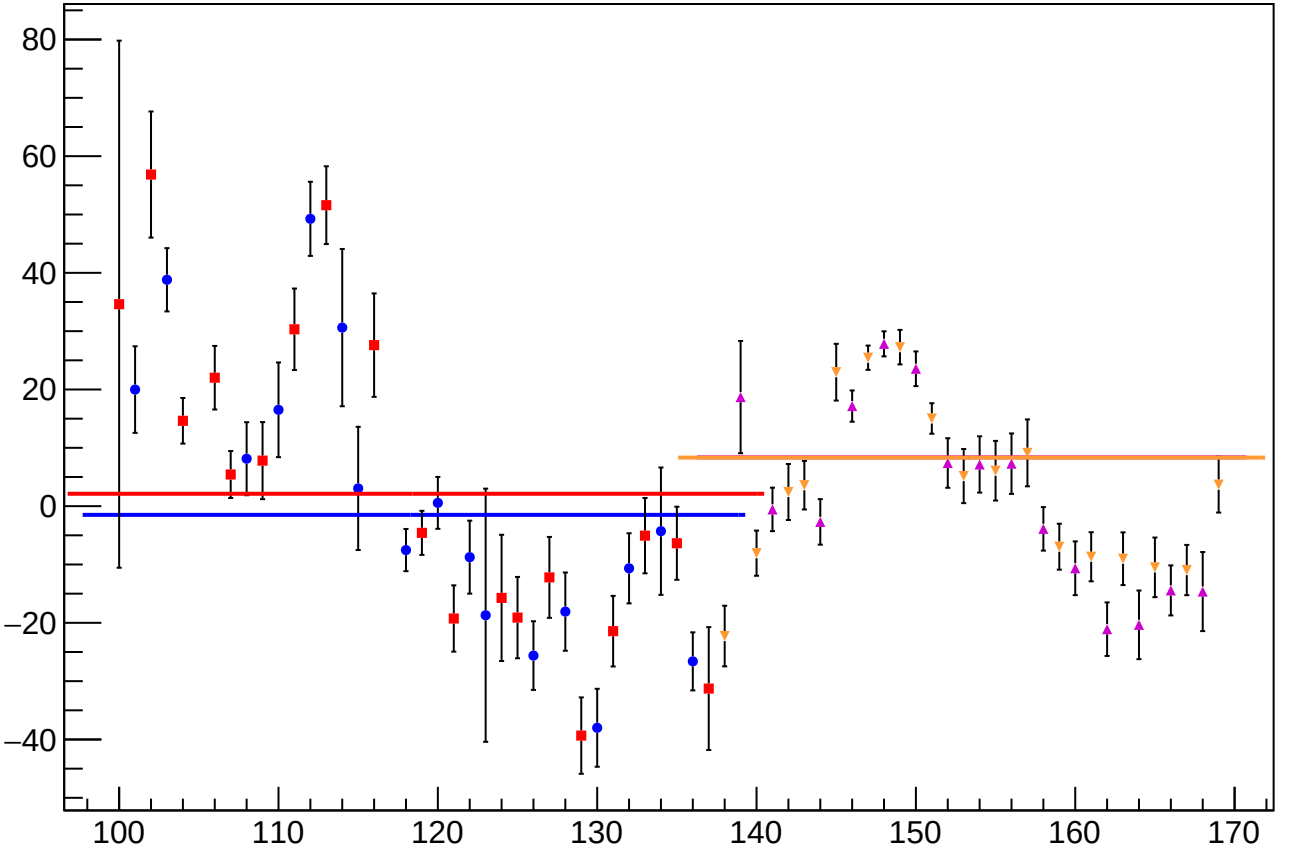
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -249.042+/-1.431 χ^2/NDF:709.4/14

Out: -249.017+/-1.373 χ^2/NDF:717.6/16

All: -249.029+/-0.991 χ^2/NDF: 1427.0/31

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: 8.325+/-0.929 χ^2/NDF:261.0/16

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 8.370+/-0.988 χ^2/NDF:266.5/14

Left: 8.346+/-0.677 χ^2/NDF: 527.6/31

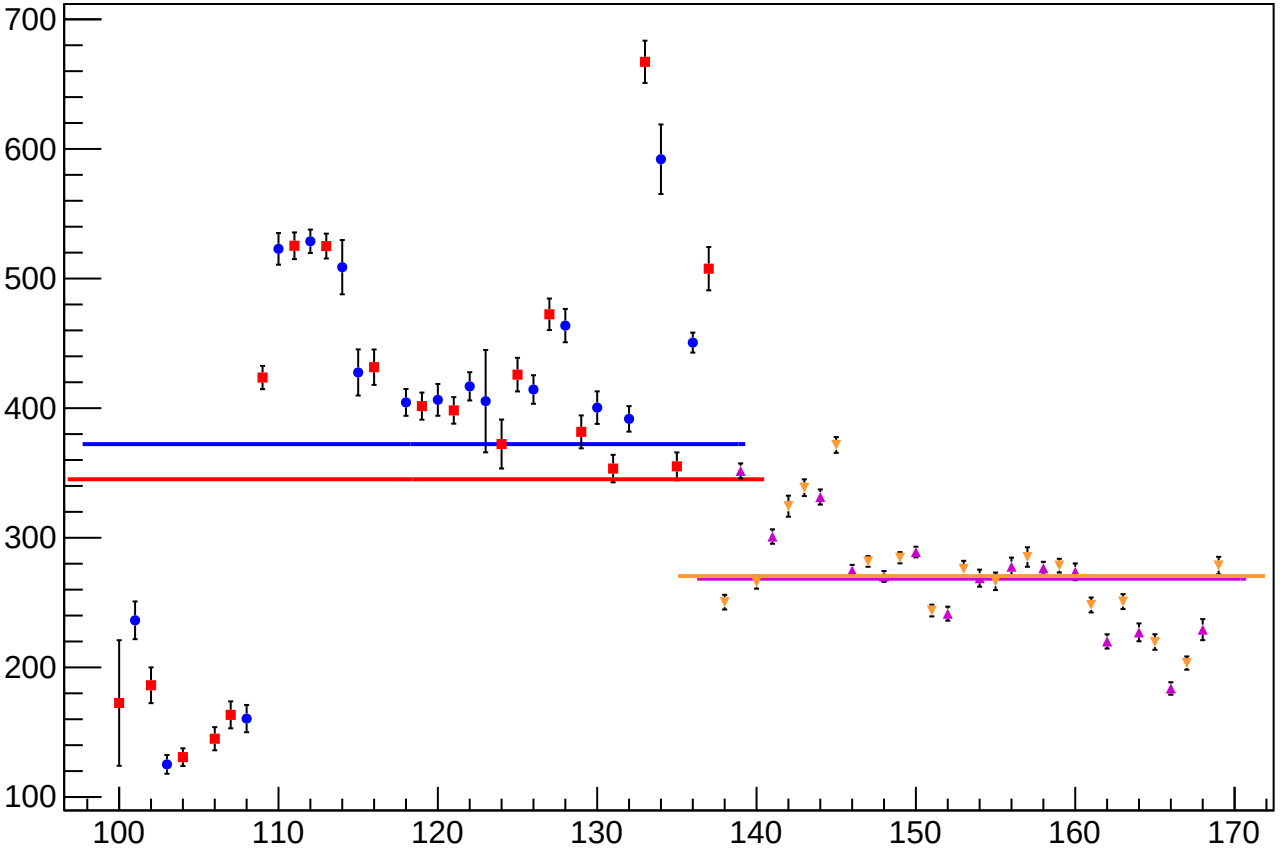
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 5.423+/-0.827 χ^2/NDF:522.4/31

Out: 6.436+/-0.774 χ^2/NDF:507.2/35

All: 5.963+/-0.565 χ^2/NDF: 1030.5/67

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: 270.467+/-1.351 χ^2/NDF:775.9/16

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 268.460+/-1.396 χ^2/NDF:859.8/14

Left: 269.496+/-0.971 χ^2/NDF: 1636.7/31

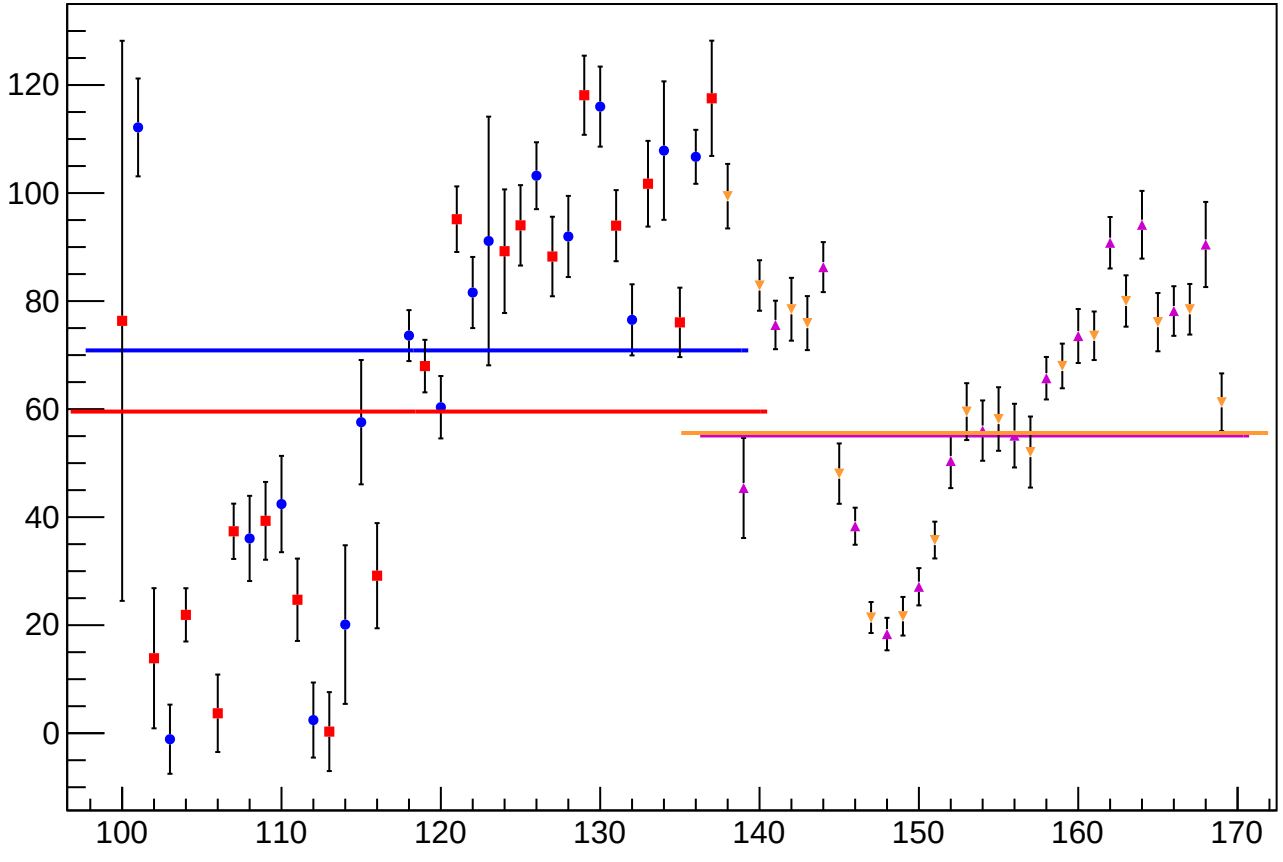
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 289.610+/-1.246 χ^2/NDF:4419.6/31

Out: 286.720+/-1.195 χ^2/NDF:4856.8/35

All: 288.106+/-0.862 χ^2/NDF: 9279.3/67

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: 55.579+/-1.107 χ^2/NDF:479.6/16

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 55.117+/-1.174 χ^2/NDF:468.3/14

Left: 55.362+/-0.805 χ^2/NDF: 948.0/31

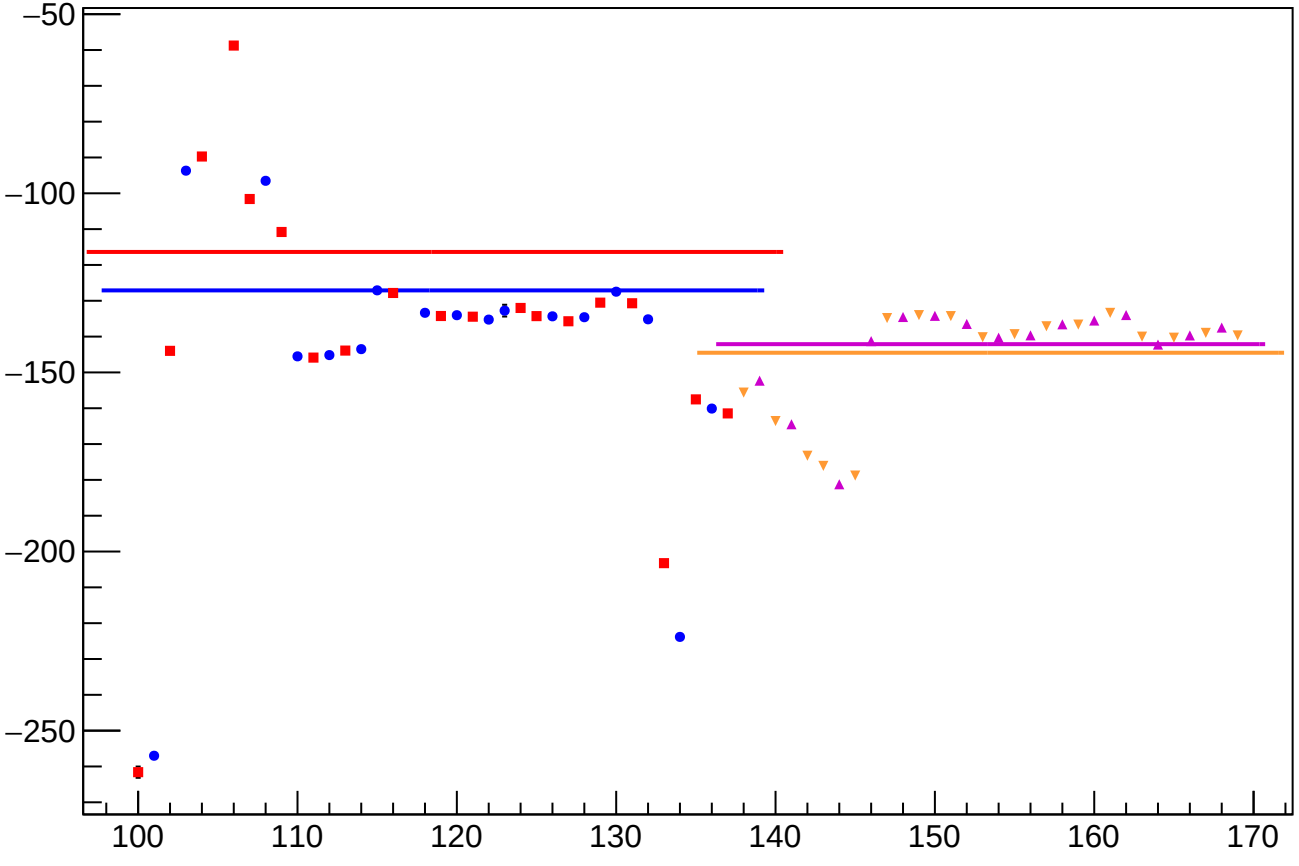
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 60.033+/-0.974 χ^2/NDF:951.5/31

Out: 56.827+/-0.916 χ^2/NDF:974.5/35

All: 58.333+/-0.667 χ^2/NDF: 1931.8/67

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: -144.508+/-0.054 χ^2/NDF:68899.5/16

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -142.111+/-0.056 χ^2/NDF:43845.7/14

Left: -143.347+/-0.039 χ^2/NDF: 113692.6/31

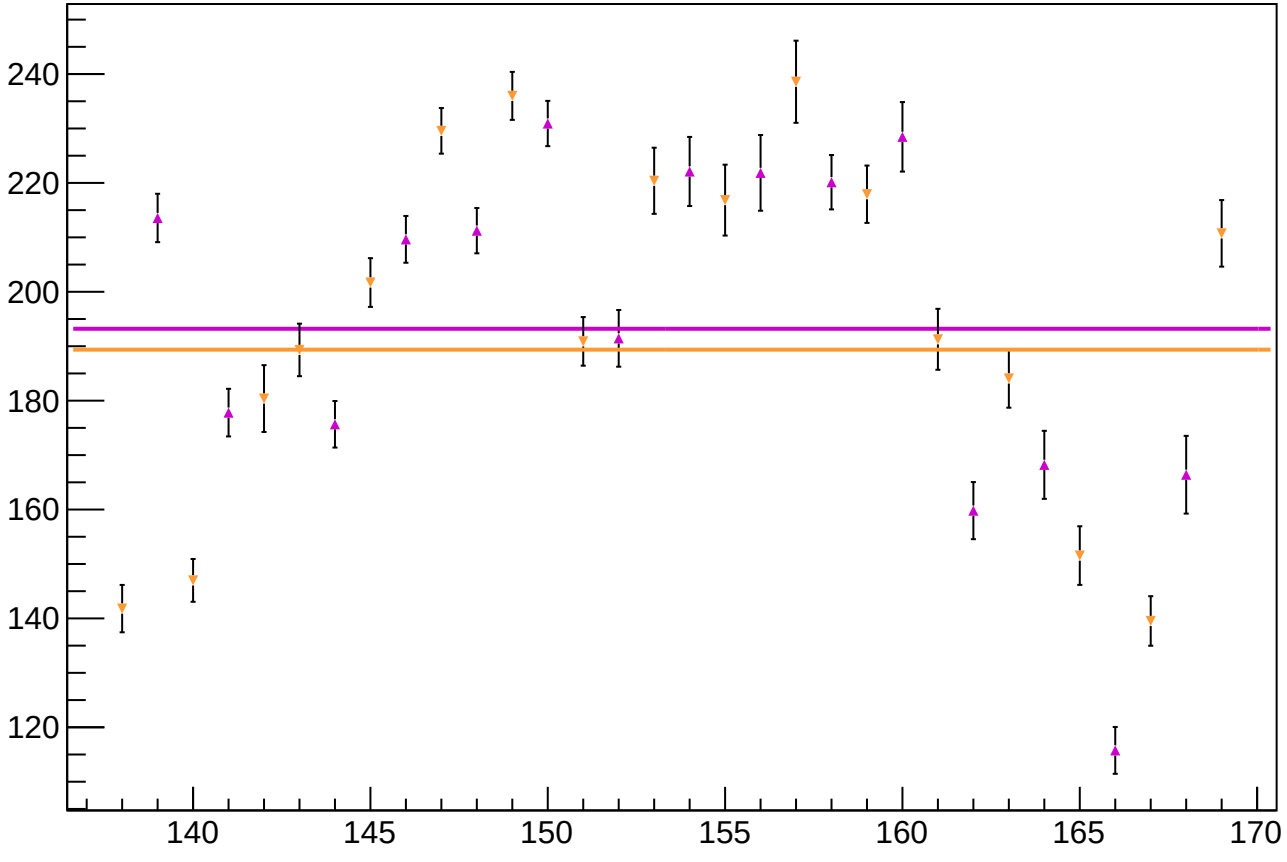
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -137.893+/-0.047 χ^2/NDF:231151.2/31

Out: -136.083+/-0.045 χ^2/NDF:317167.9/35

All: -136.948+/-0.033 χ^2/NDF: 549080.1/67

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: 189.370+/-1.216 χ^2/NDF:747.7/16

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

Left In: 193.209+/-1.280 χ^2/NDF:658.1/14

Left: 191.191+/-0.882 χ^2/NDF: 1410.5/31

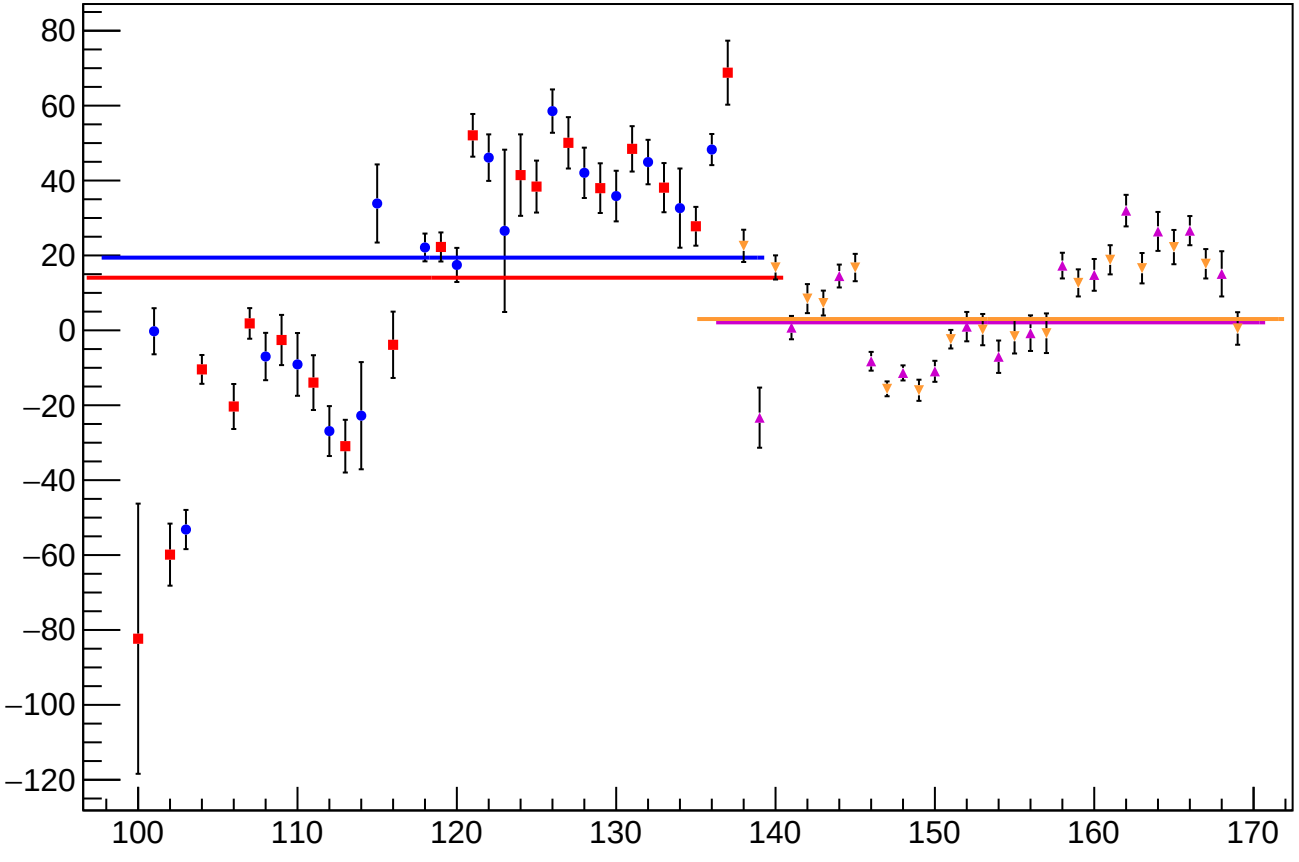
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 193.209+/-1.280 χ^2/NDF:658.1/14

Out: 189.370+/-1.216 χ^2/NDF:747.7/16

All: 191.191+/-0.882 χ^2/NDF: 1410.5/31

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: 3.021+/-0.835 χ^2/NDF:263.7/16

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 2.130+/-0.895 χ^2/NDF:259.8/14

Left: 2.606+/-0.611 χ^2/NDF: 524.1/31

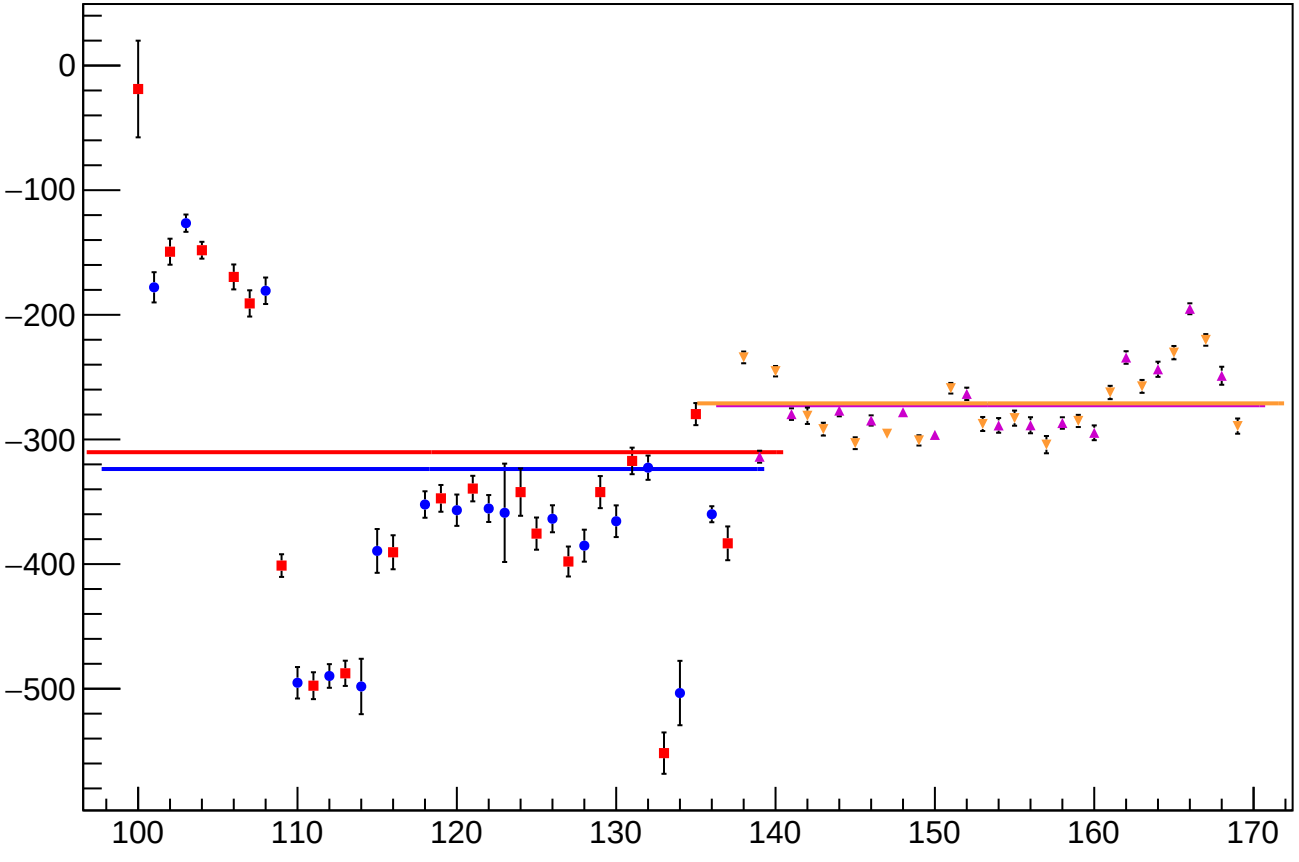
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 6.761+/-0.766 χ^2/NDF:800.8/31

Out: 5.942+/-0.716 χ^2/NDF:746.5/35

All: 6.324+/-0.523 χ^2/NDF: 1547.9/67

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: -271.038+/-1.206 χ^2/NDF:500.9/16

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -272.547+/-1.256 χ^2/NDF:568.8/14

Left: -271.762+/-0.870 χ^2/NDF: 1070.5/31

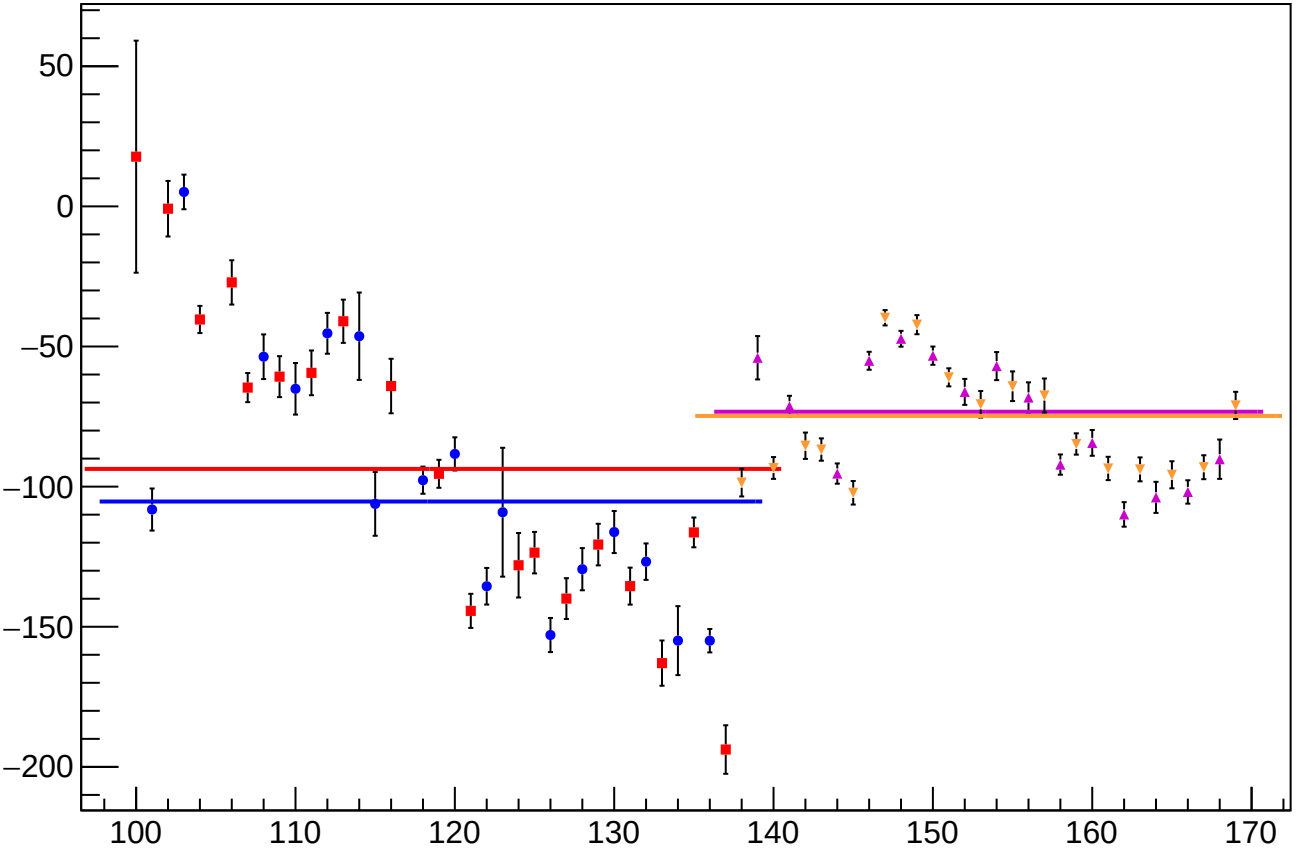
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -281.824+/-1.136 χ^2/NDF:2720.7/31

Out: -278.323+/-1.088 χ^2/NDF:2997.3/35

All: -279.998+/-0.786 χ^2/NDF: 5723.0/67

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: -74.774+/-0.992 χ^2/NDF:466.8/16

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -73.275+/-1.061 χ^2/NDF:398.9/14

Left: -74.075+/-0.725 χ^2/NDF: 866.8/31

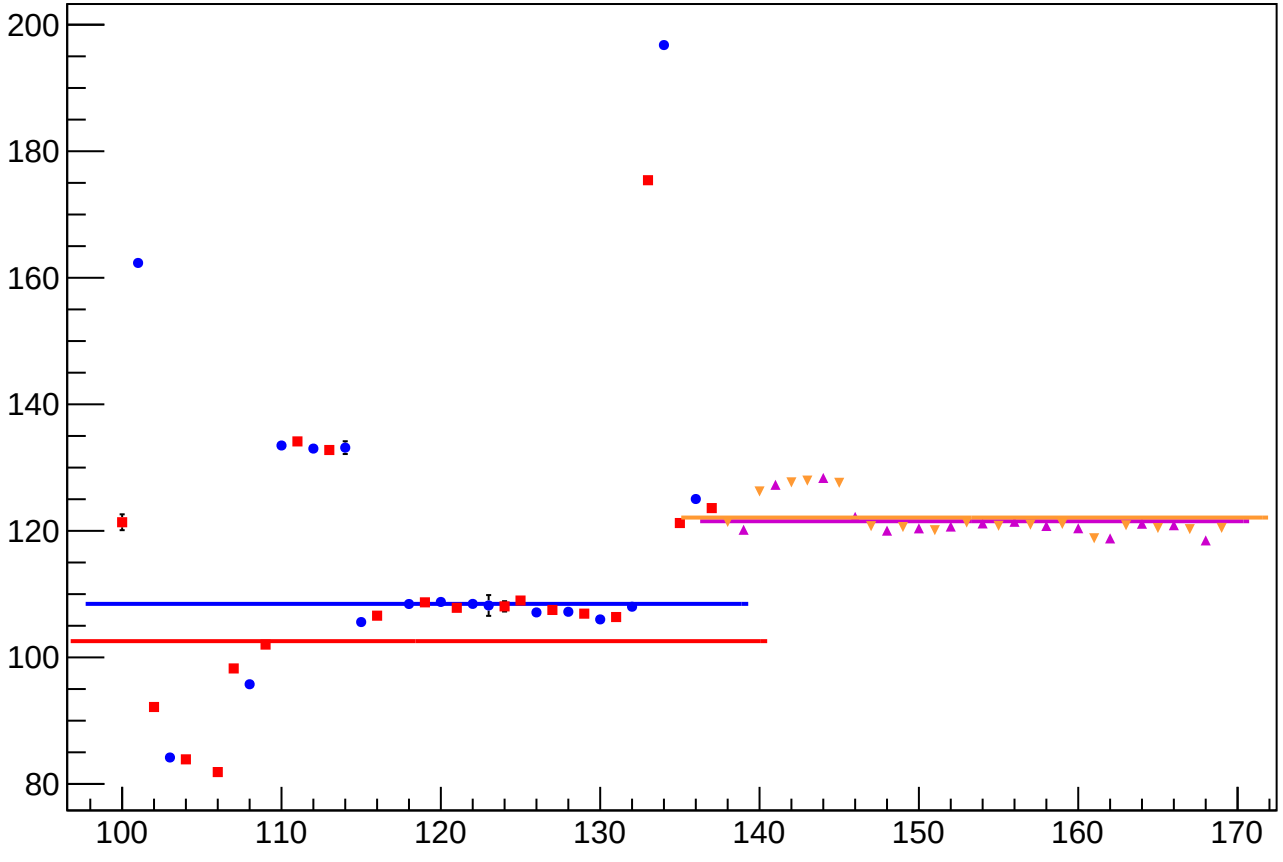
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -82.306+/-0.899 χ^2/NDF:1393.4/31

Out: -79.968+/-0.845 χ^2/NDF:1393.2/35

All: -81.064+/-0.616 χ^2/NDF: 2790.2/67

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 122.103+/-0.048 χ^2/NDF:3491.3/16

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 121.523+/-0.050 χ^2/NDF:2699.0/14

Left: 121.825+/-0.035 χ^2/NDF: 6259.8/31

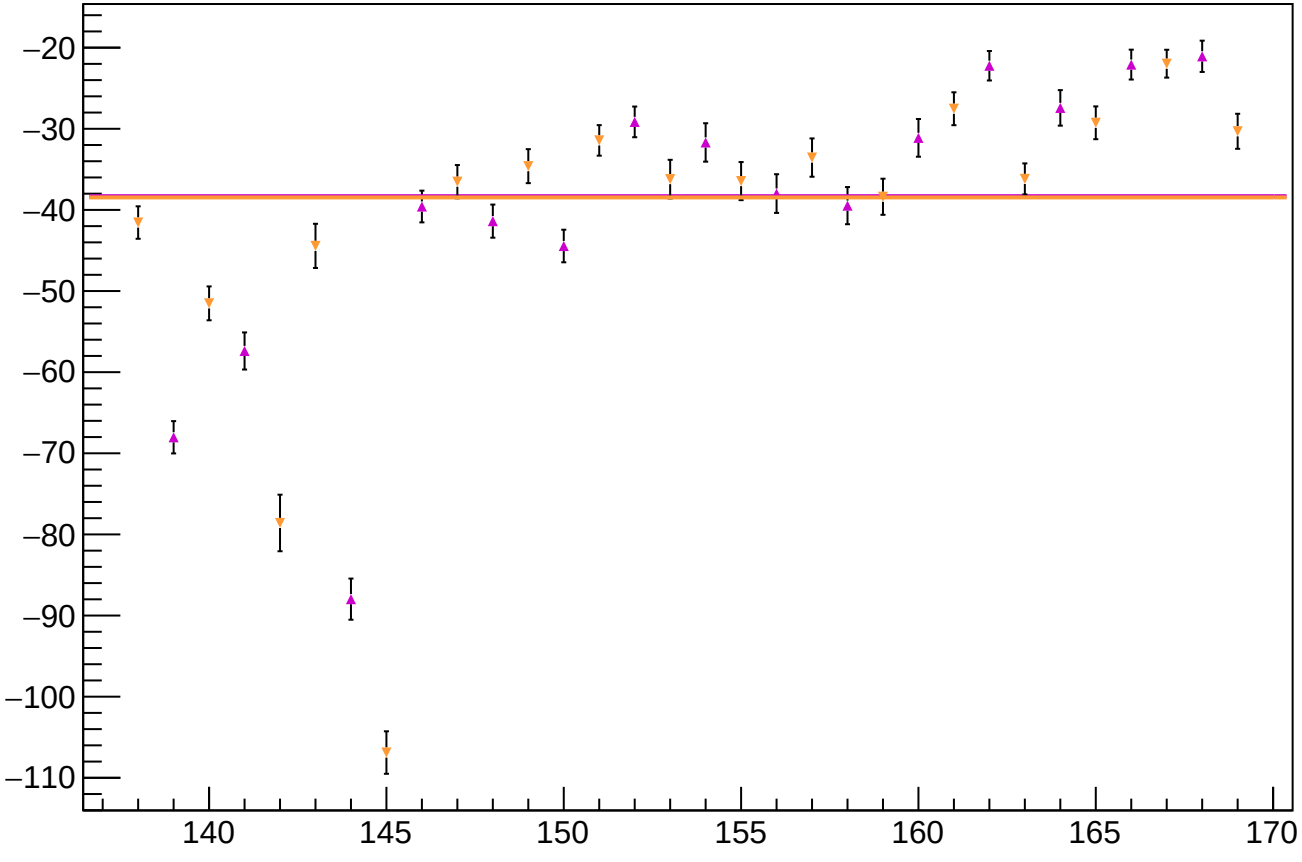
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 118.124+/-0.043 χ^2/NDF:93586.5/31

Out: 116.838+/-0.041 χ^2/NDF:100776.9/35

All: 117.451+/-0.030 χ^2/NDF: 194826.3/67

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: -38.460+/-0.524 χ^2/NDF:1043.2/16

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

Left In: -38.307+/-0.540 χ^2/NDF:990.1/14

Left: -38.386+/-0.376 χ^2/NDF: 2033.4/31

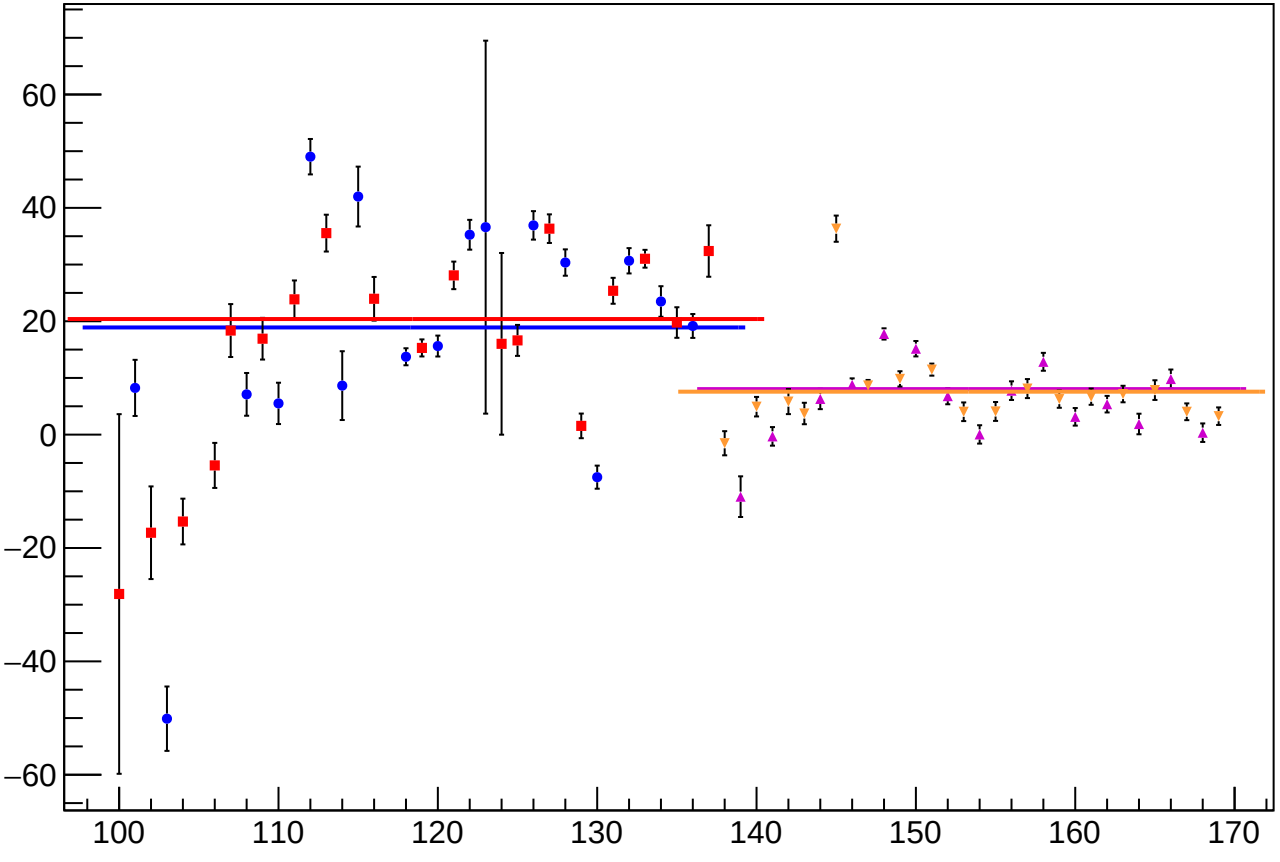
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.307+/-0.540 χ^2/NDF:990.1/14

Out: -38.460+/-0.524 χ^2/NDF:1043.2/16

All: -38.386+/-0.376 χ^2/NDF: 2033.4/31

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: 7.576+/-0.368 χ^2/NDF:221.6/16

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 8.029+/-0.388 χ^2/NDF:261.3/14

Left: 7.790+/-0.267 χ^2/NDF: 483.6/31

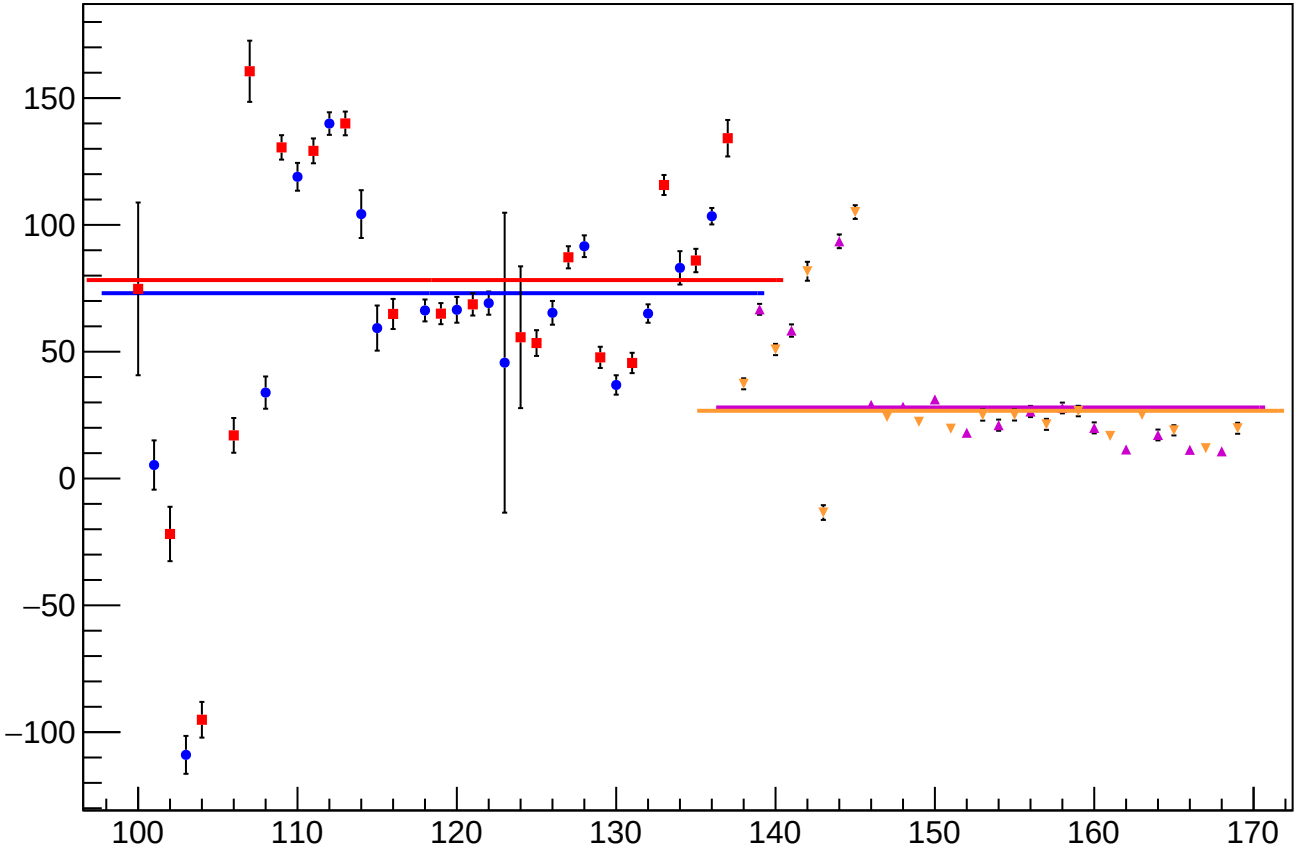
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 10.930+/-0.332 χ^2/NDF:1089.7/31

Out: 10.730+/-0.319 χ^2/NDF:885.5/35

All: 10.826+/-0.230 χ^2/NDF: 1975.4/67

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: 26.704+/-0.514 χ^2/NDF:1541.1/16

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 28.011+/-0.526 χ^2/NDF:1393.4/14

Left: 27.342+/-0.368 χ^2/NDF: 2937.7/31

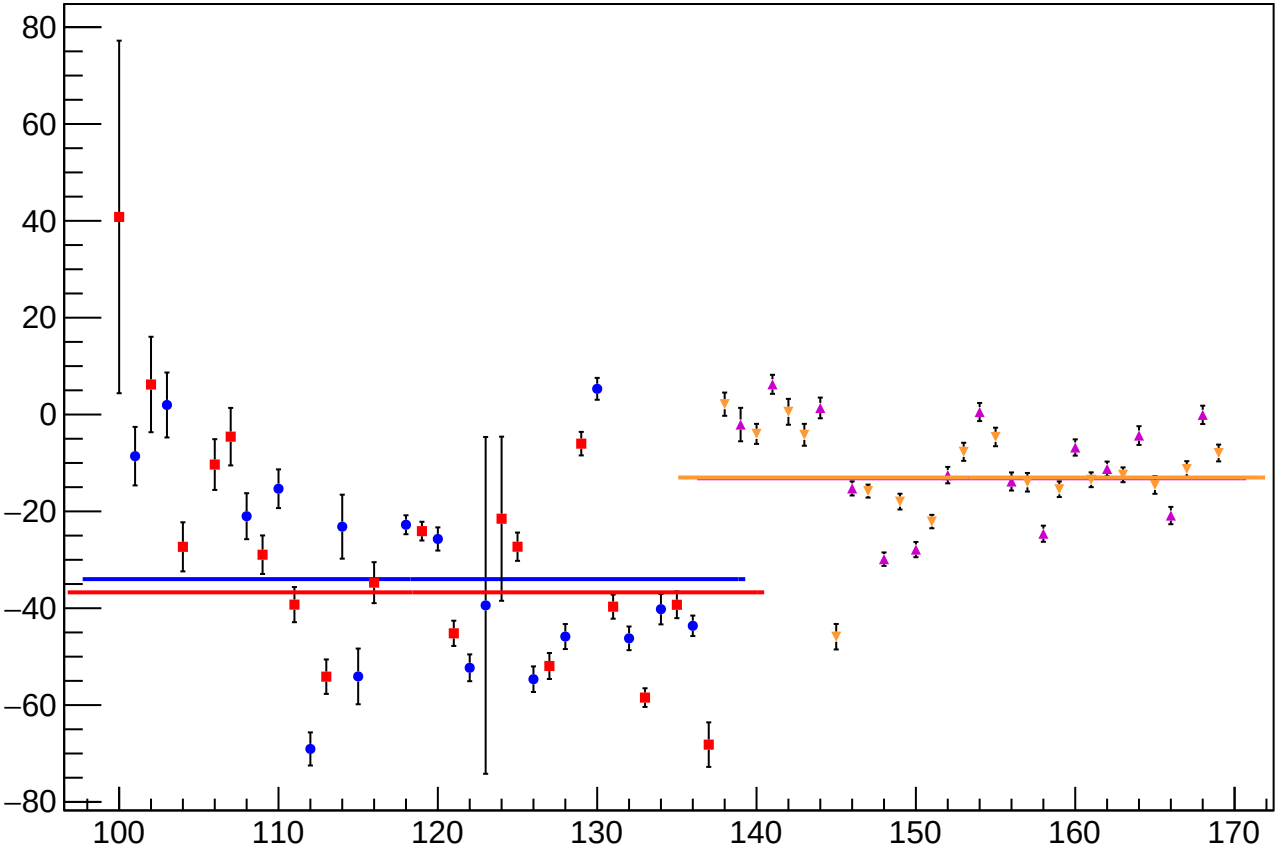
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 35.004+/-0.484 χ^2/NDF:3731.2/31

Out: 34.439+/-0.474 χ^2/NDF:4594.1/35

All: 34.716+/-0.338 χ^2/NDF: 8326.0/67

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+/-0.429 χ^2/NDF:353.0/16

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -13.159+/-0.453 χ^2/NDF:591.8/14

Left: -13.079+/-0.312 χ^2/NDF: 944.8/31

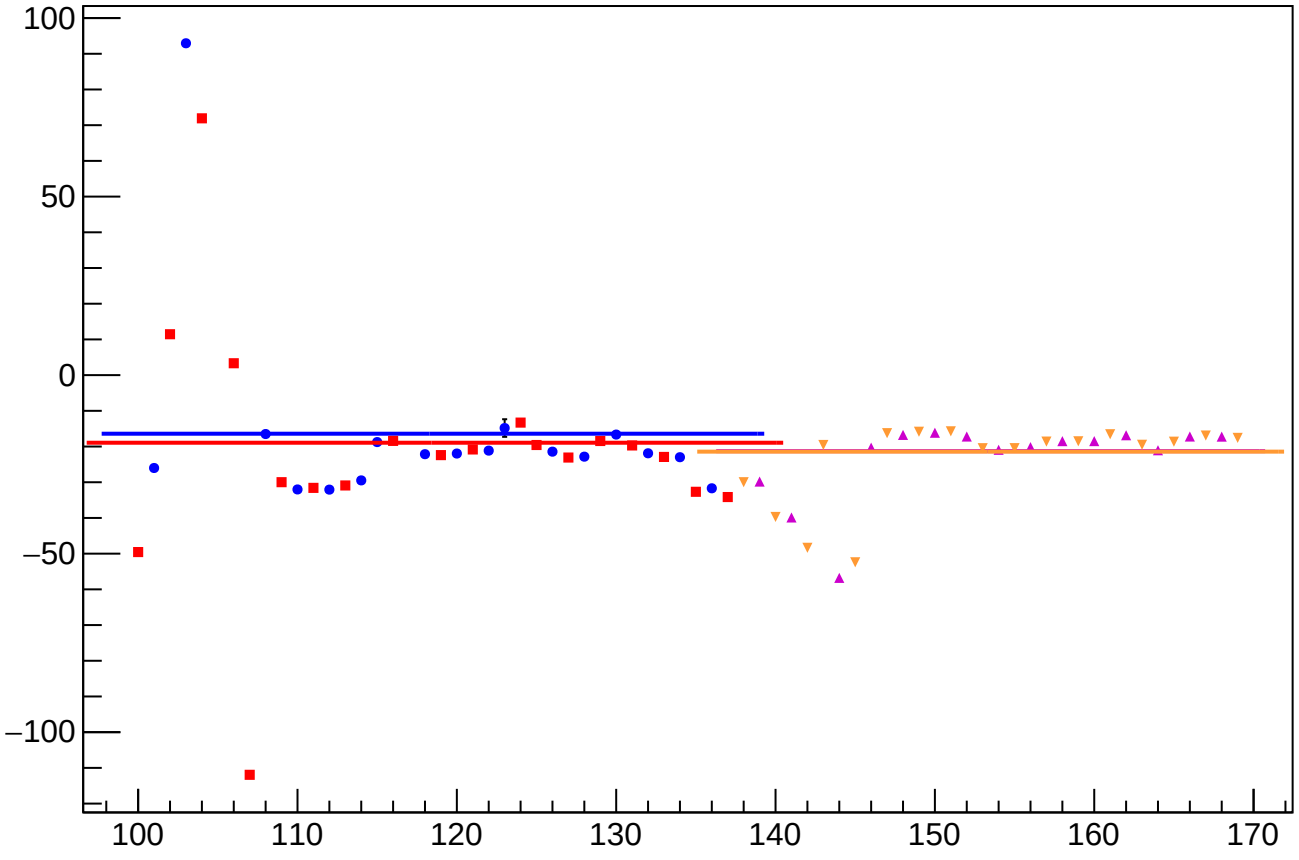
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -18.876+/-0.386 χ^2/NDF:1892.4/31

Out: -19.016+/-0.371 χ^2/NDF:1669.2/35

All: -18.948+/-0.267 χ^2/NDF: 3561.7/67

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: -21.429+/-0.020 χ^2/NDF:191262.1/16

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -21.293+/-0.021 χ^2/NDF:160664.3/14

Left: -21.363+/-0.014 χ^2/NDF: 351948.4/31

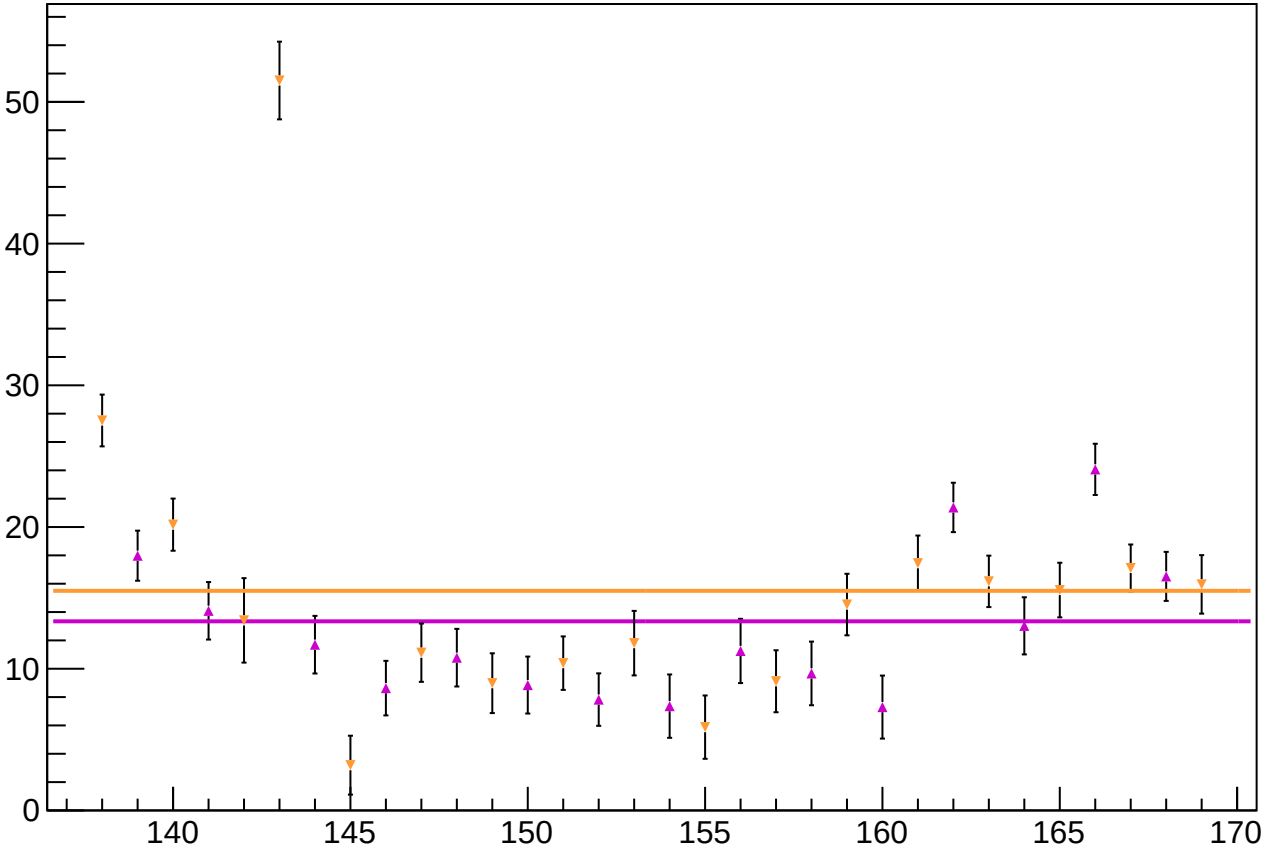
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -20.421+/-0.019 χ^2/NDF:644966.9/31

Out: -21.015+/-0.018 χ^2/NDF:627951.1/35

All: -20.724+/-0.013 χ^2/NDF: 1273429.2/67

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: 15.499+/-0.496 χ^2/NDF:311.2/16

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

Left In: 13.346+/-0.509 χ^2/NDF:107.1/14

Left: 14.449+/-0.355 χ^2/NDF: 427.5/31

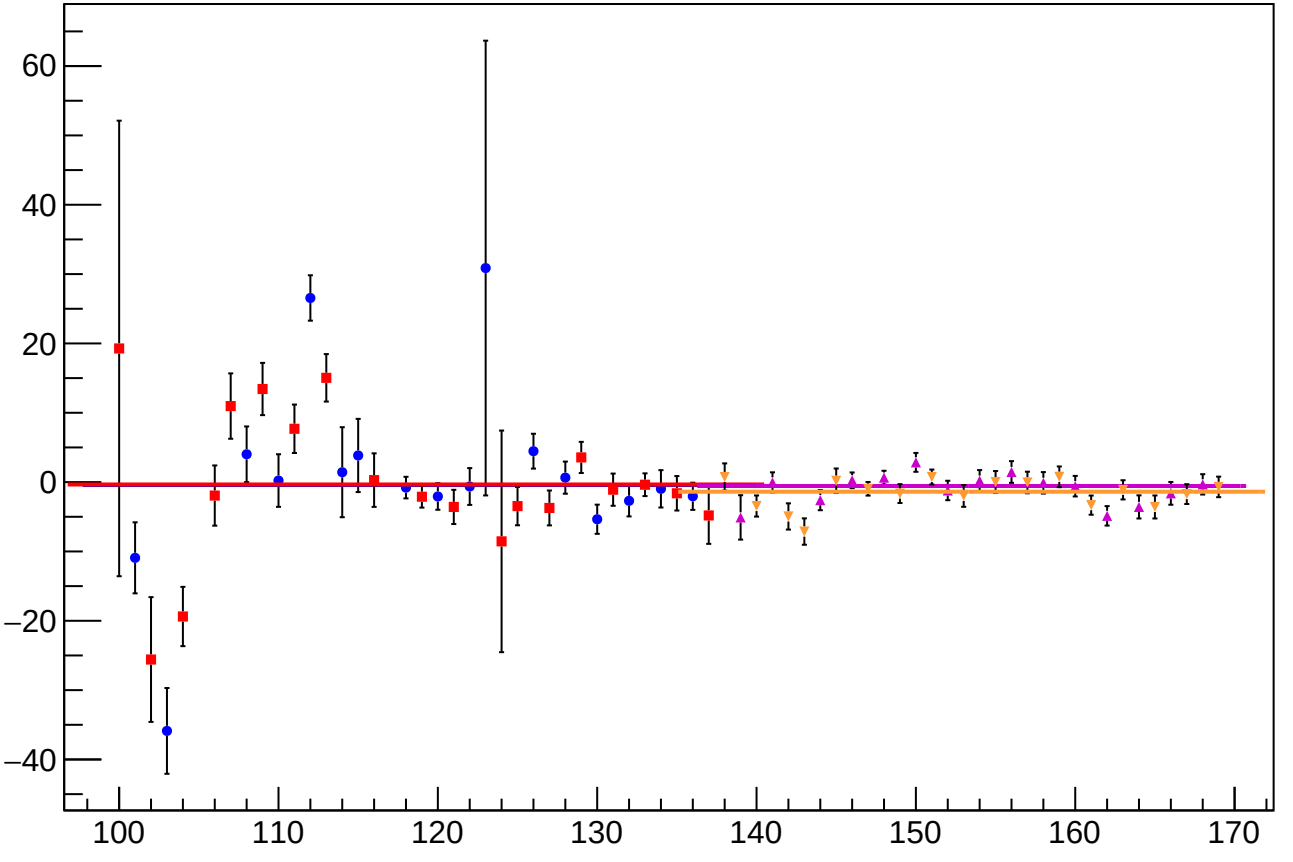
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.346+/-0.509 χ^2/NDF:107.1/14

Out: 15.499+/-0.496 χ^2/NDF:311.2/16

All: 14.449+/-0.355 χ^2/NDF: 427.5/31

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: -1.383+/-0.353 χ^2/NDF:28.4/16

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -0.560+/-0.370 χ^2/NDF:27.7/14

Left: -0.991+/-0.255 χ^2/NDF: 58.7/31

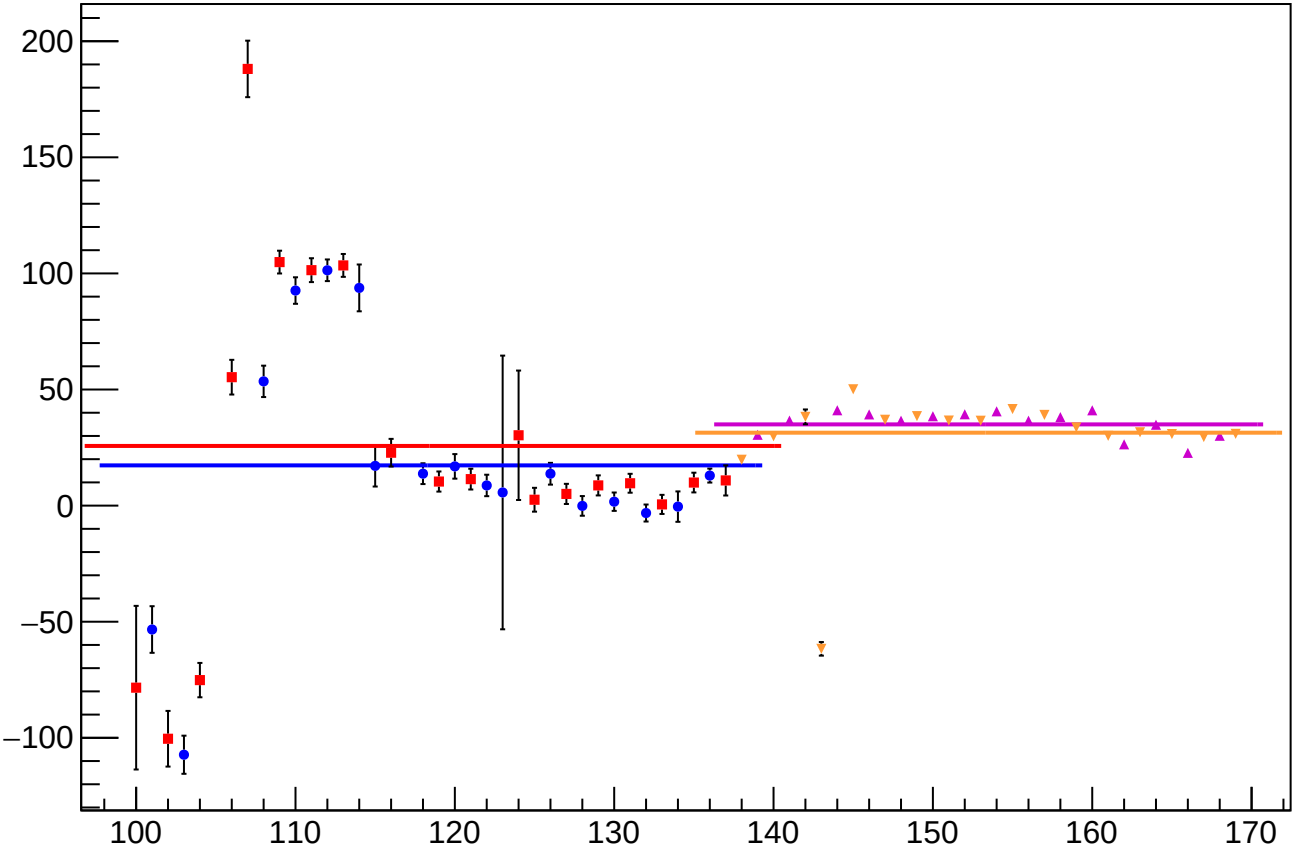
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.524+/-0.322 χ^2/NDF:147.7/31

Out: -1.150+/-0.311 χ^2/NDF:114.0/35

All: -0.848+/-0.224 χ^2/NDF: 263.7/67

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 31.407+/-0.489 χ^2/NDF:1202.5/16

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 34.984+/-0.498 χ^2/NDF:126.8/14

Left: 33.161+/-0.349 χ^2/NDF: 1355.5/31

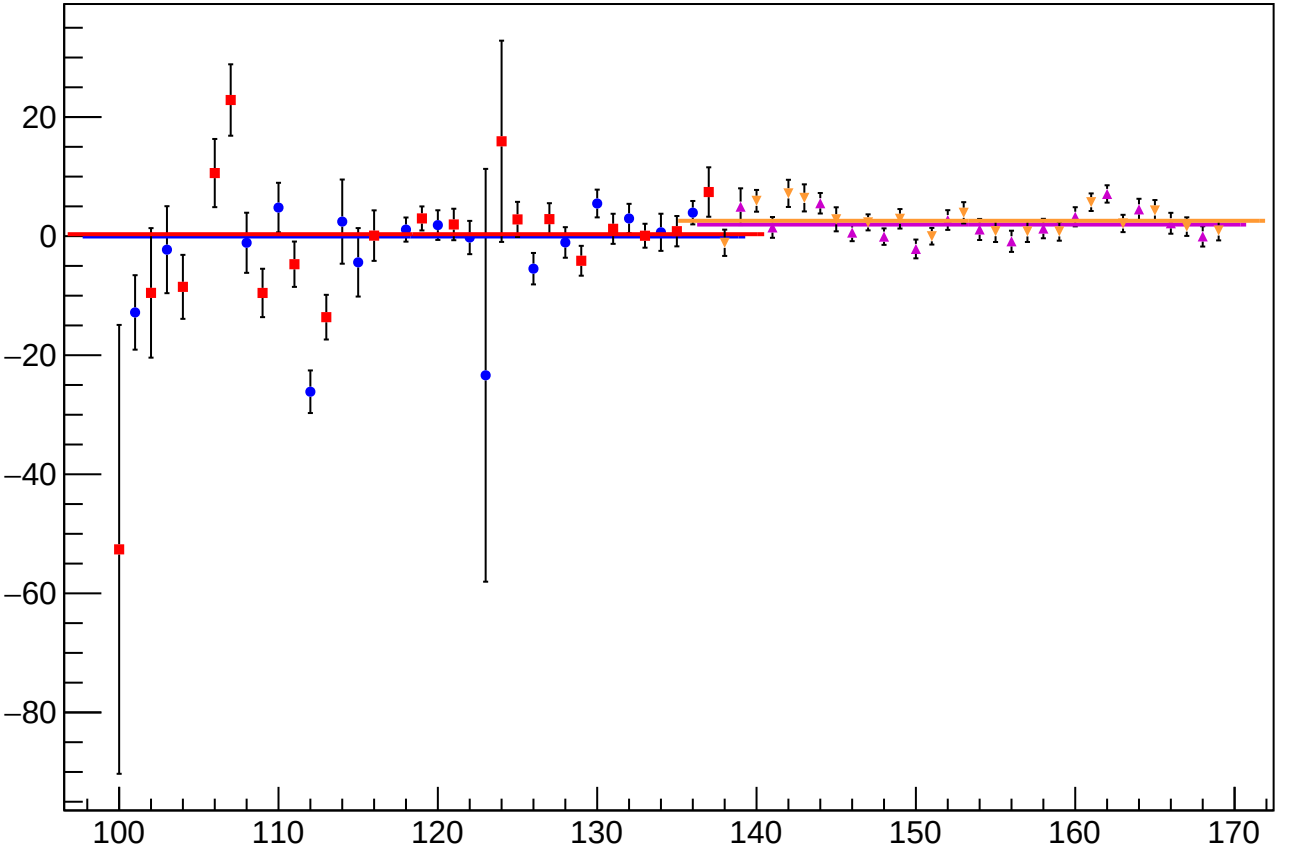
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 32.526+/-0.462 χ^2/NDF:1244.8/31

Out: 30.643+/-0.455 χ^2/NDF:2599.8/35

All: 31.570+/-0.324 χ^2/NDF: 3853.1/67

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: 2.578+/-0.410 χ^2/NDF:27.3/16

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 1.945+/-0.431 χ^2/NDF:34.7/14

Left: 2.277+/-0.297 χ^2/NDF: 63.2/31

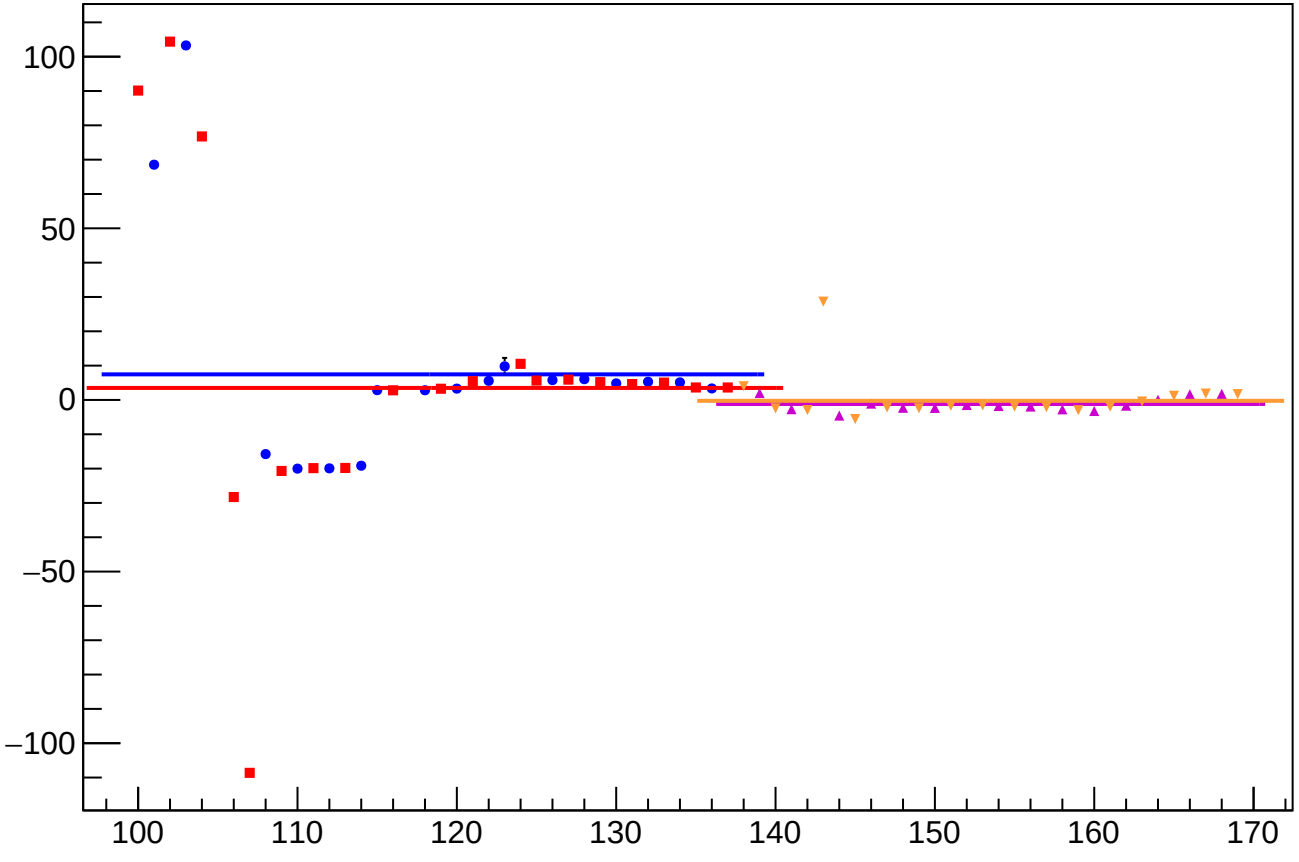
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 1.442+/-0.373 χ^2/NDF:116.7/31

Out: 2.058+/-0.360 χ^2/NDF:89.4/35

All: 1.761+/-0.259 χ^2/NDF: 207.5/67

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: -0.254+/-0.019 χ^2/NDF:75875.0/16

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -1.173+/-0.020 χ^2/NDF:9043.5/14

Left: -0.703+/-0.014 χ^2/NDF: 86046.9/31

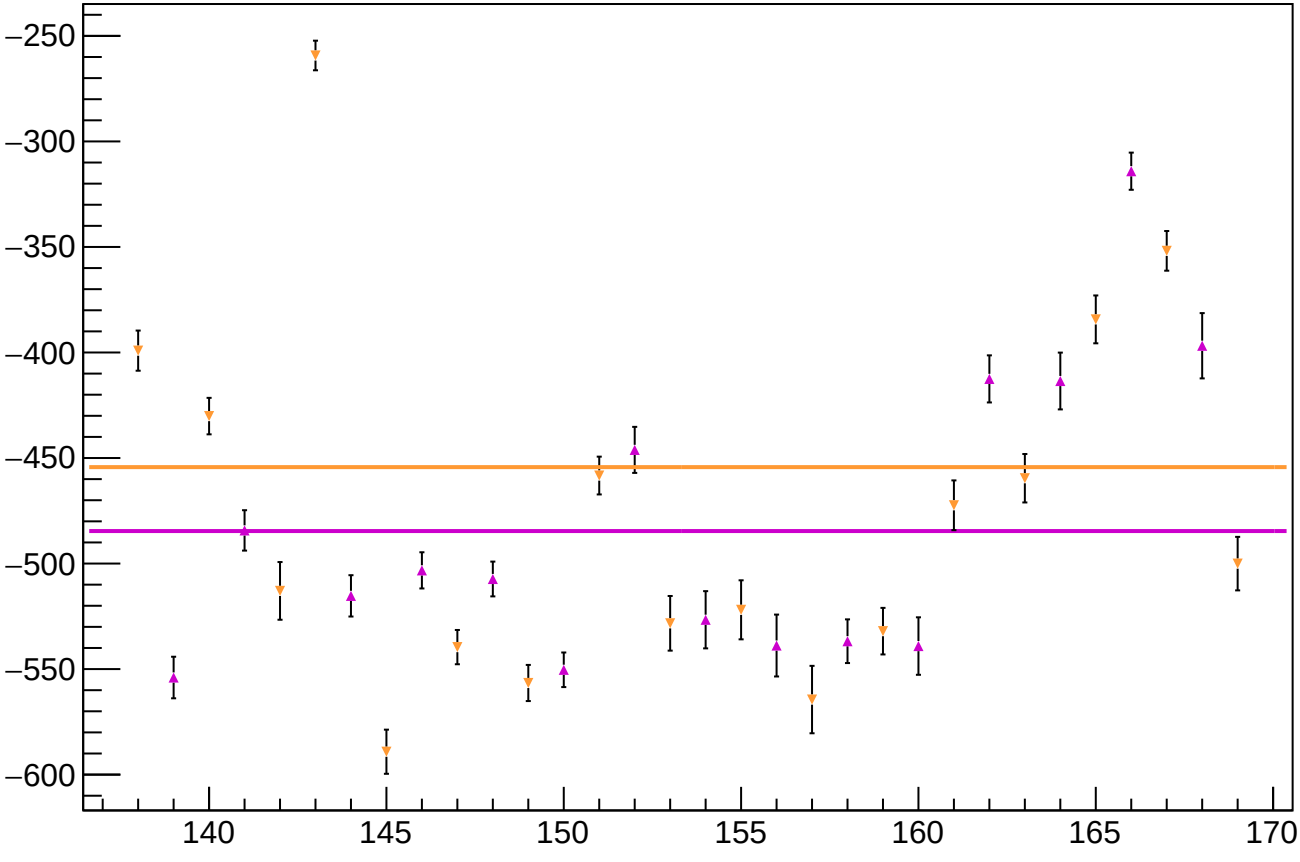
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 0.228+/-0.018 χ^2/NDF:396691.3/31

Out: 0.308+/-0.018 χ^2/NDF:592237.6/35

All: 0.269+/-0.013 χ^2/NDF: 988939.2/67

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: -454.315+/-2.470 χ^2/NDF:1577.3/16

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

Left In: -484.603+/-2.685 χ^2/NDF:690.1/14

Left: -468.202+/-1.818 χ^2/NDF: 2336.3/31

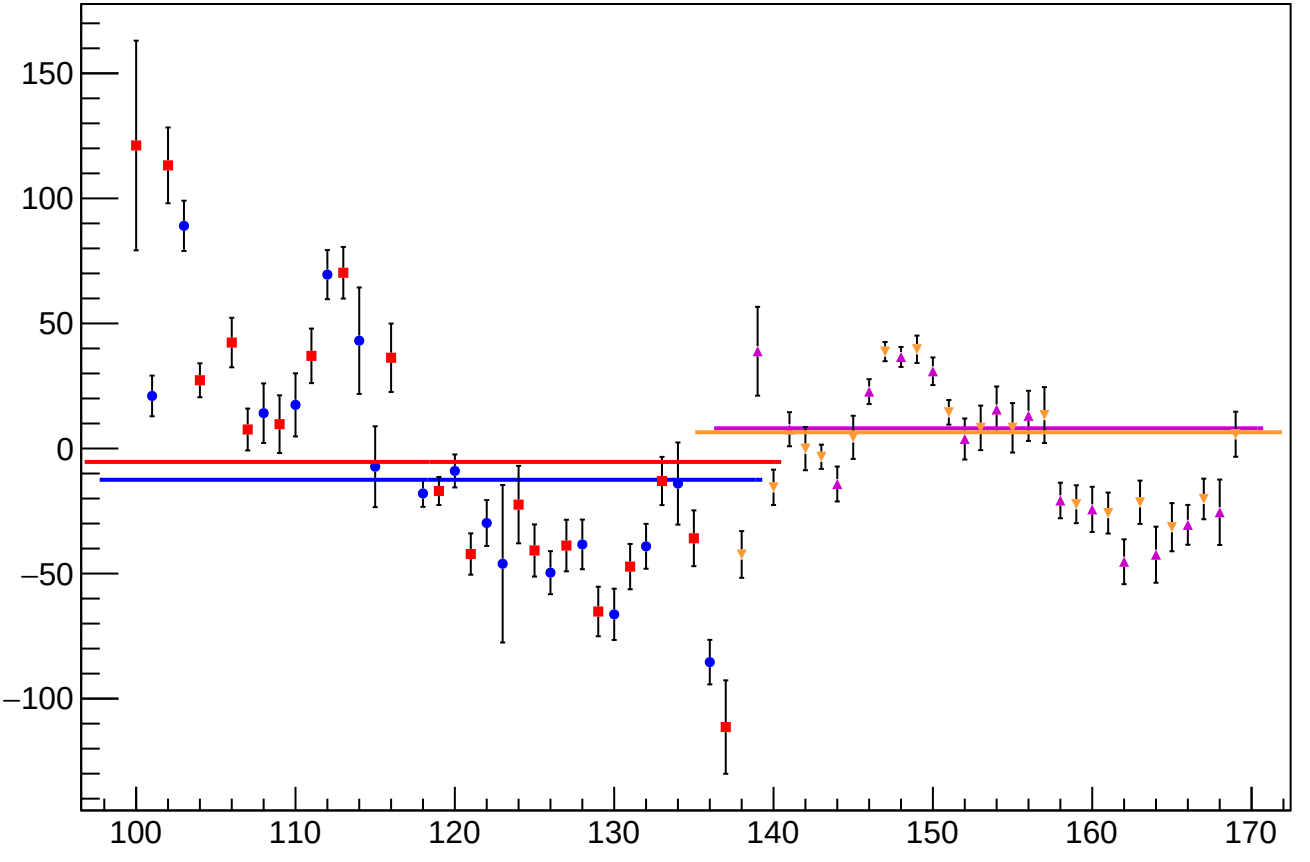
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -484.603+/-2.685 χ^2/NDF:690.1/14

Out: -454.315+/-2.470 χ^2/NDF:1577.3/16

All: -468.202+/-1.818 χ^2/NDF: 2336.3/31

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: 6.480+/-1.671 χ^2/NDF:218.6/16

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 8.075+/-1.851 χ^2/NDF:206.4/14

Left: 7.196+/-1.241 χ^2/NDF: 425.4/31

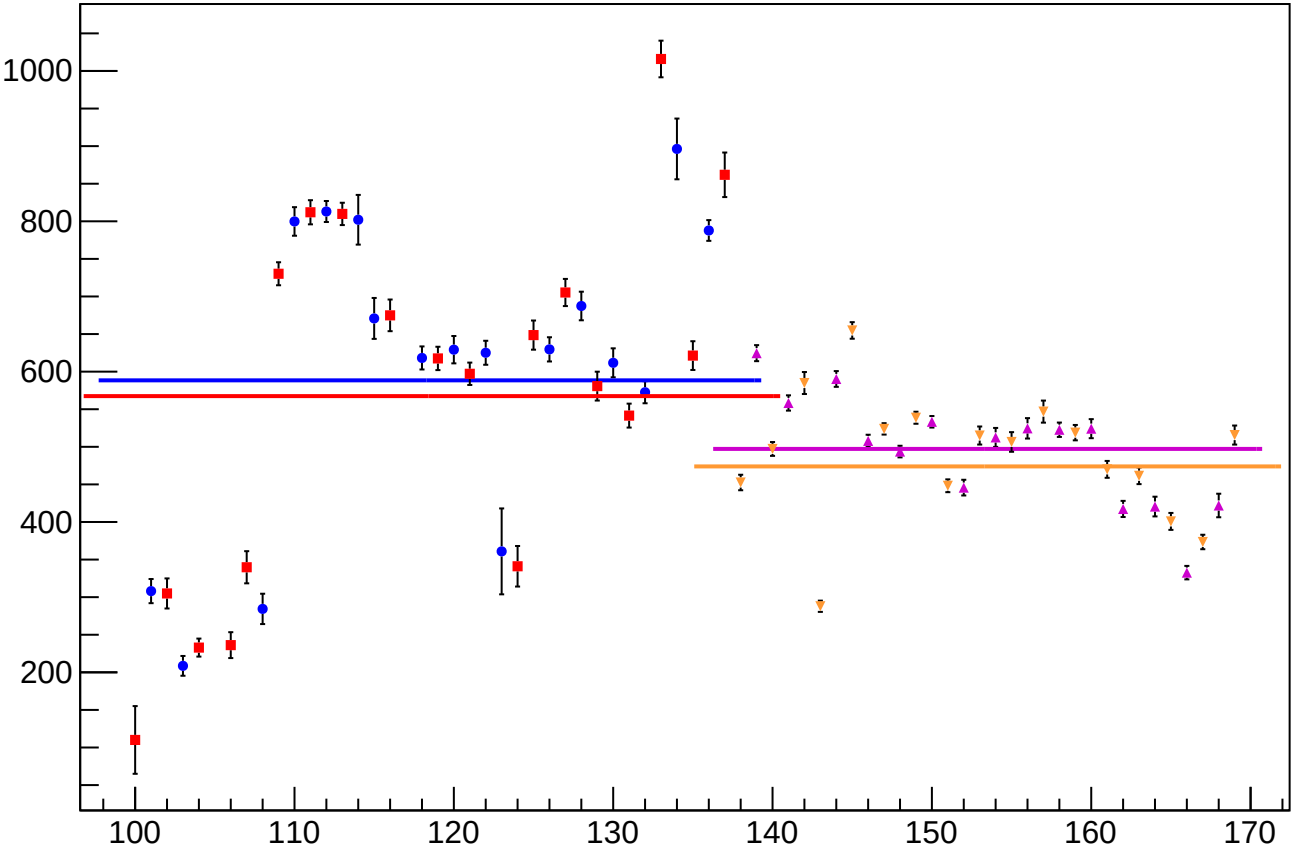
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: 0.032+/-1.445 χ^2/NDF:595.8/31

Out: 2.303+/-1.345 χ^2/NDF:580.9/35

All: 1.249+/-0.984 χ^2/NDF: 1178.0/67

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: 473.921+/-2.449 χ^2/NDF:1297.6/16

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 497.219+/-2.623 χ^2/NDF:772.6/14

Left: 484.772+/-1.790 χ^2/NDF: 2112.3/31

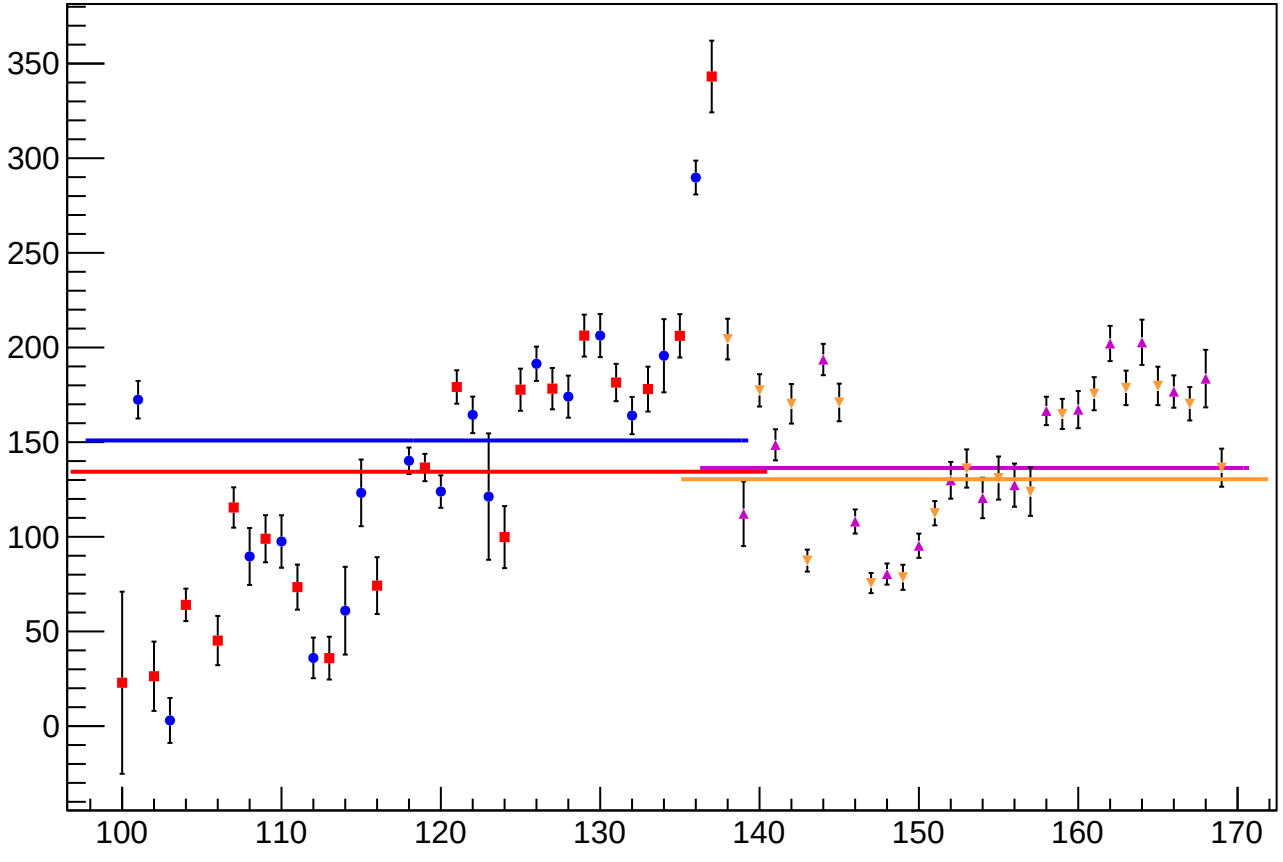
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 521.784+/-2.242 χ^2/NDF:3228.4/31

Out: 498.198+/-2.108 χ^2/NDF:4460.9/35

All: 509.262+/-1.536 χ^2/NDF: 7748.0/67

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: 130.433+/-1.997 χ^2/NDF:458.0/16

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 136.372+/-2.205 χ^2/NDF:355.7/14

Left: 133.109+/-1.480 χ^2/NDF: 817.7/31

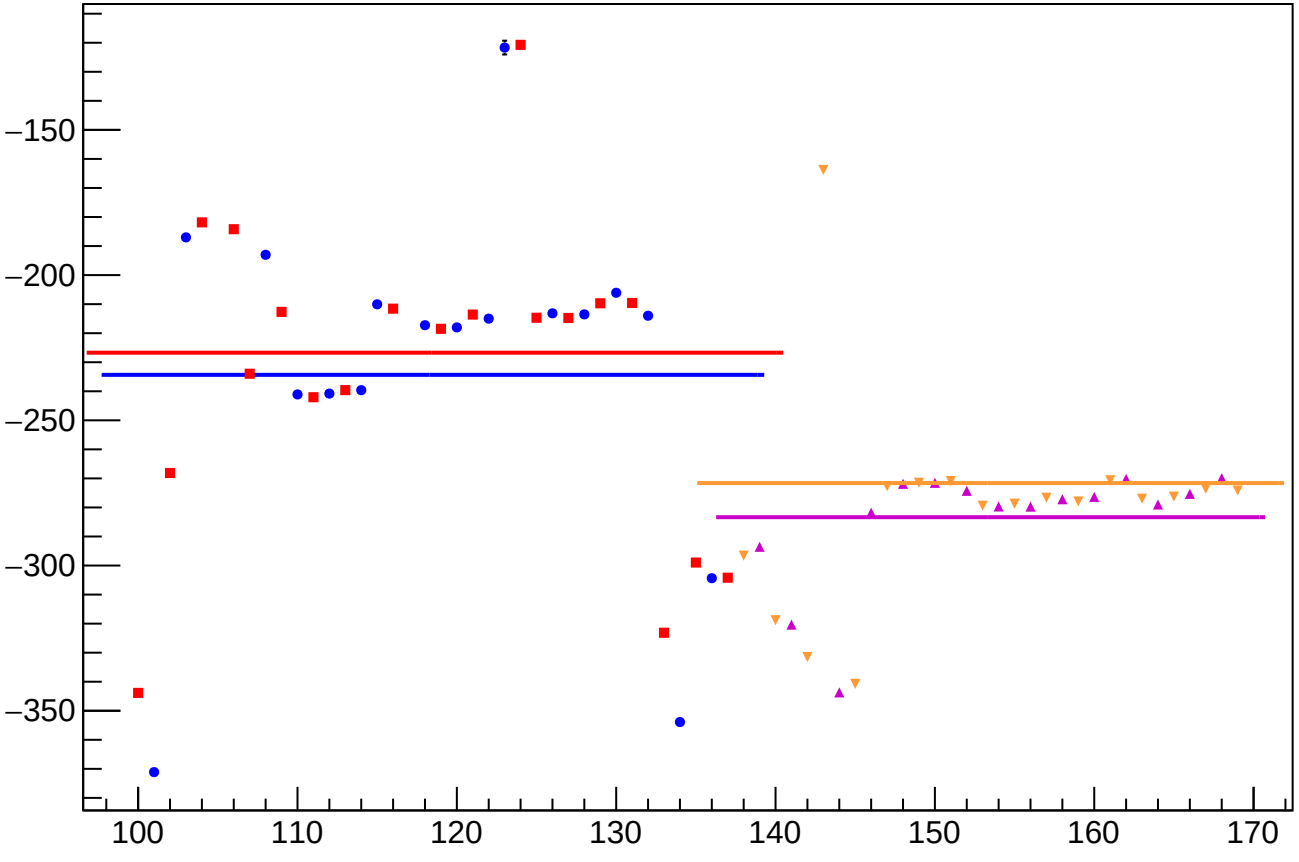
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 142.248+/-1.701 χ^2/NDF:1008.1/31

Out: 131.884+/-1.588 χ^2/NDF:1044.3/35

All: 136.710+/-1.161 χ^2/NDF: 2072.2/67

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -271.598+/-0.099 χ^2/NDF:183043.3/16

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -283.348+/-0.105 χ^2/NDF:31777.6/14

Left: -277.079+/-0.072 χ^2/NDF: 221456.8/31

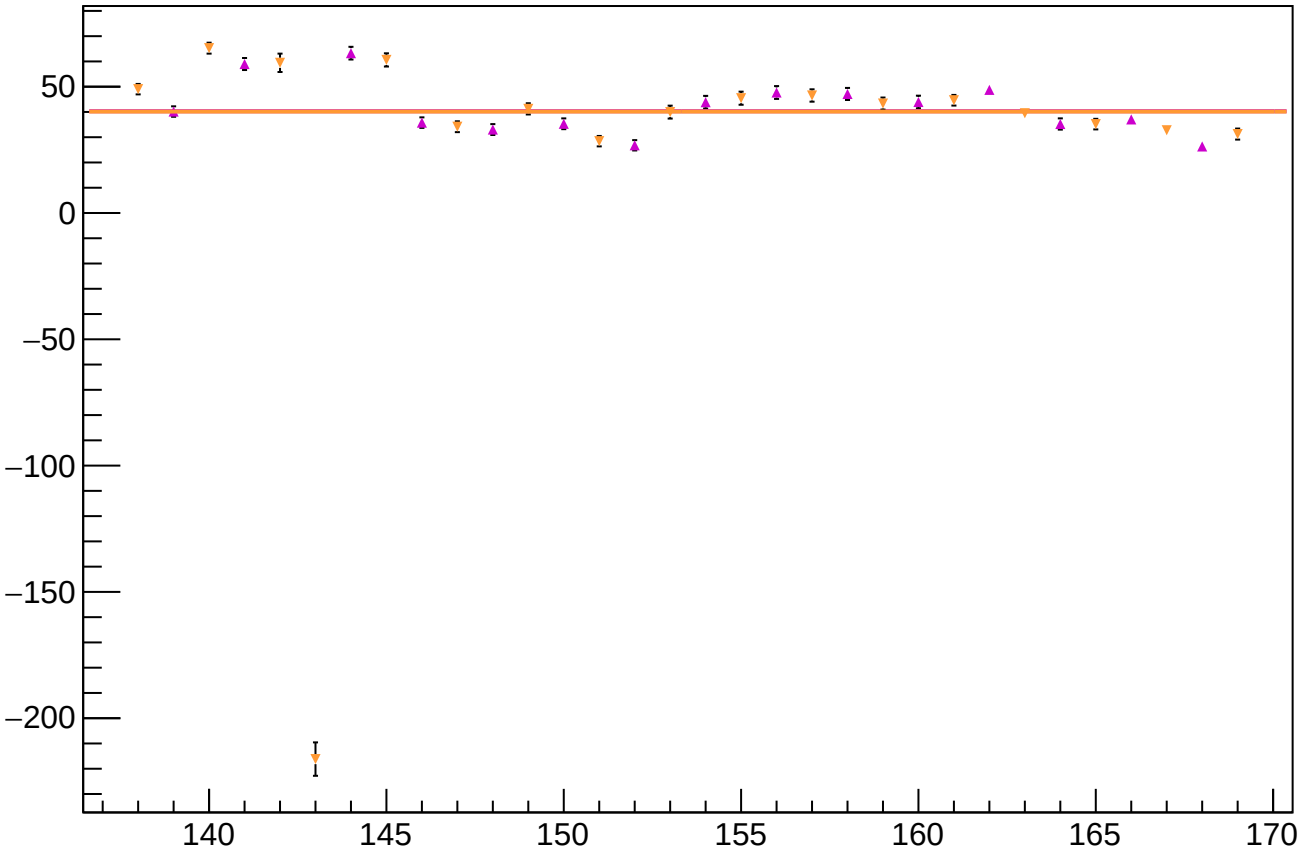
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -266.909+/-0.086 χ^2/NDF:249509.4/31

Out: -256.921+/-0.081 χ^2/NDF:350359.0/35

All: -261.611+/-0.059 χ^2/NDF: 607040.7/67

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: 40.158+/-0.557 χ^2/NDF:1841.5/16

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

Left In: 40.284+/-0.563 χ^2/NDF:313.0/14

Left: 40.220+/-0.396 χ^2/NDF: 2154.5/31

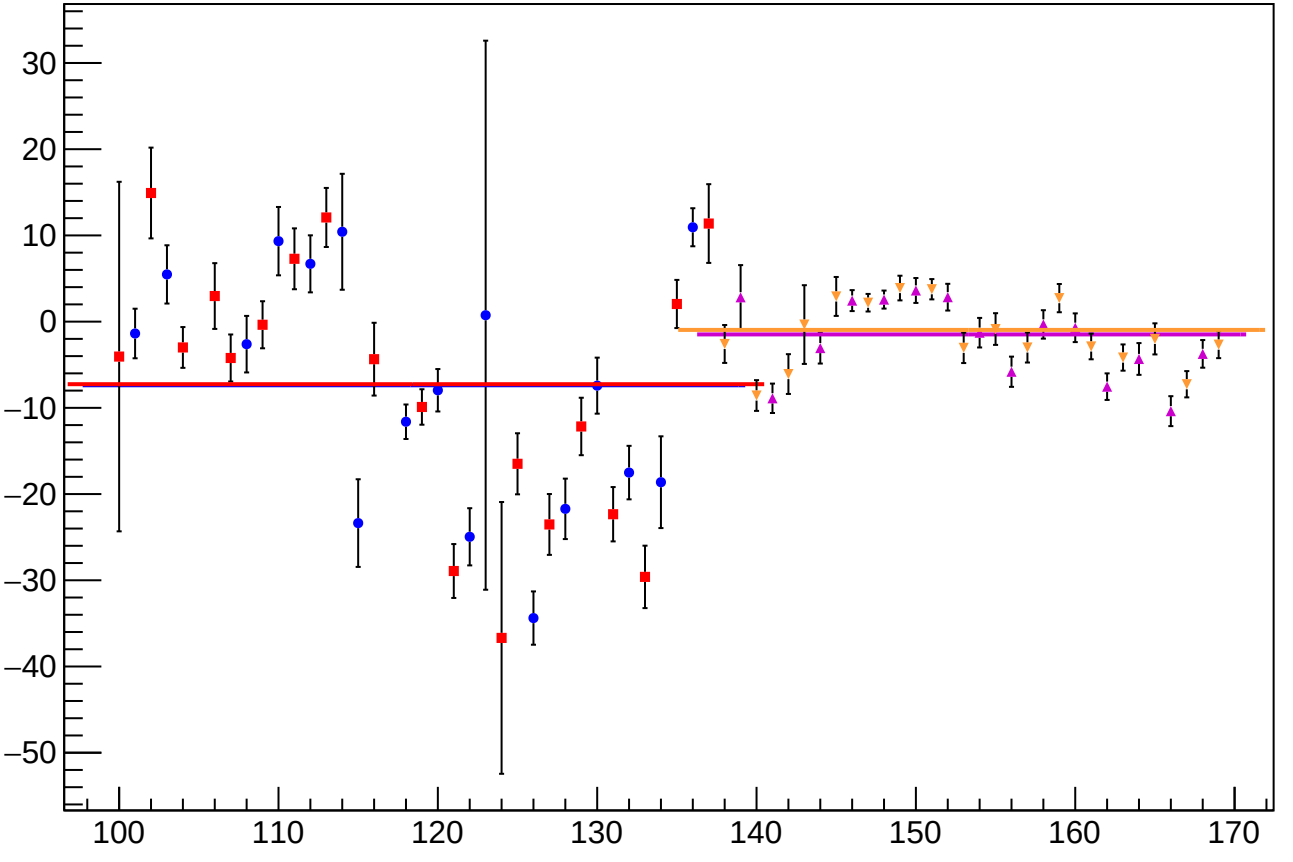
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.284+/-0.563 χ^2/NDF:313.0/14

Out: 40.158+/-0.557 χ^2/NDF:1841.5/16

All: 40.220+/-0.396 χ^2/NDF: 2154.5/31

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: -0.960+/-0.393 χ^2/NDF:96.4/16

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -1.483+/-0.407 χ^2/NDF:119.5/14

Left: -1.212+/-0.283 χ^2/NDF: 216.7/31

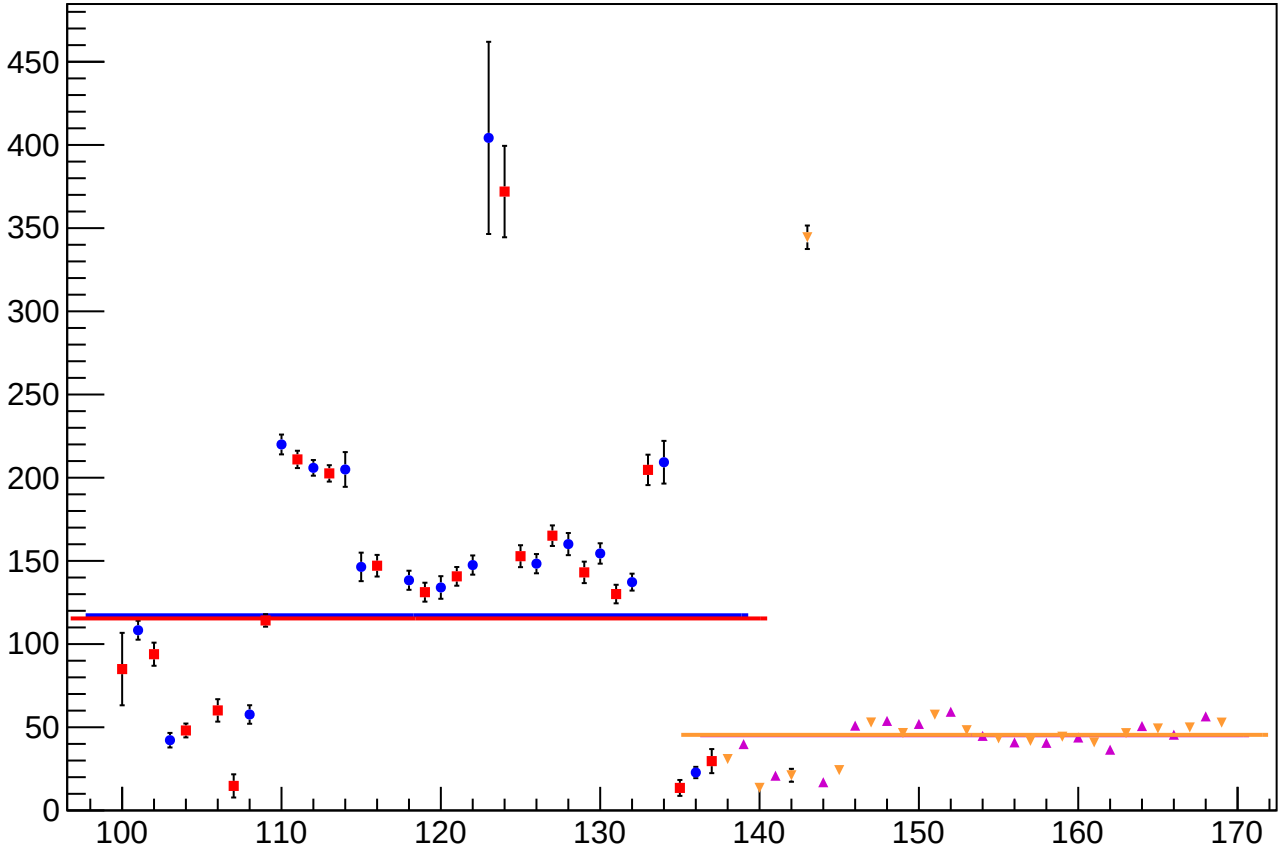
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -2.747+/-0.361 χ^2/NDF:448.2/31

Out: -2.284+/-0.349 χ^2/NDF:407.6/35

All: -2.508+/-0.251 χ^2/NDF: 856.6/67

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: 45.446+/-0.546 χ^2/NDF:2210.0/16

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 45.198+/-0.550 χ^2/NDF:370.1/14

Left: 45.323+/-0.388 χ^2/NDF: 2580.1/31

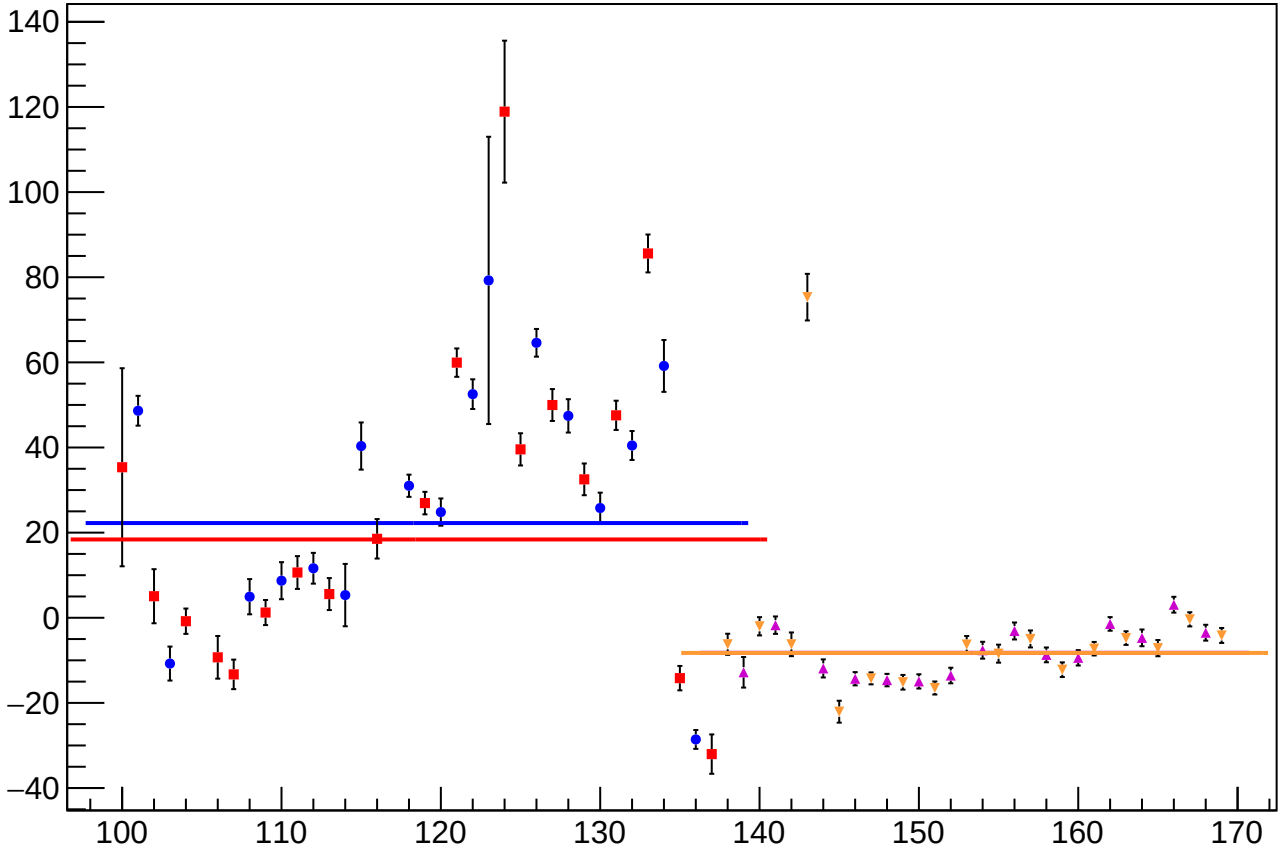
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 54.749+/-0.513 χ^2/NDF:4804.6/31

Out: 55.154+/-0.507 χ^2/NDF:6637.3/35

All: 54.954+/-0.360 χ^2/NDF: 11442.2/67

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: -8.261+/-0.458 χ^2/NDF:376.9/16

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -8.231+/-0.474 χ^2/NDF:145.6/14

Left: -8.247+/-0.329 χ^2/NDF: 522.4/31

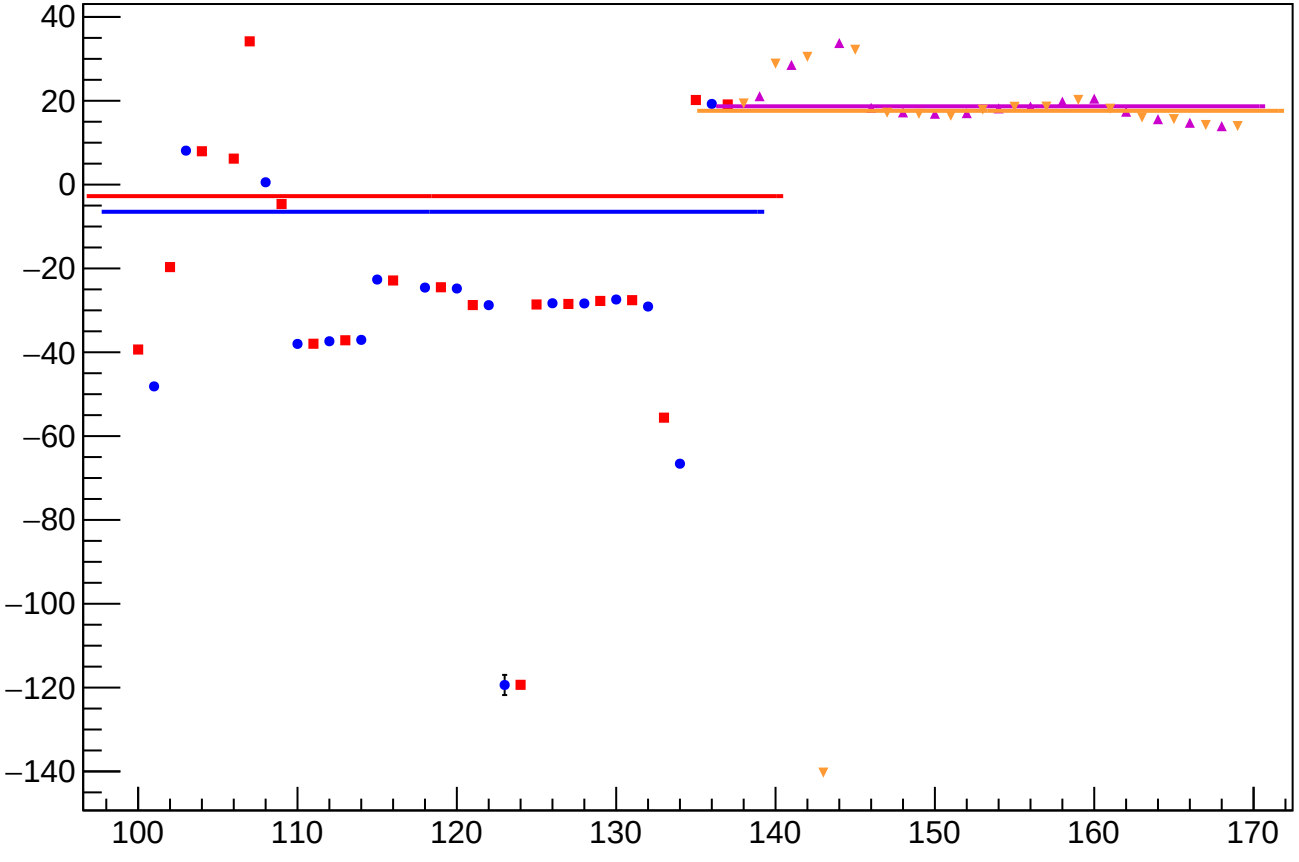
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: -1.478+/-0.419 χ^2/NDF:2131.8/31

Out: -2.501+/-0.405 χ^2/NDF:2186.8/35

All: -2.006+/-0.291 χ^2/NDF: 4321.7/67

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: 17.603+/-0.021 χ^2/NDF:356030.7/16

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 18.680+/-0.022 χ^2/NDF:36470.8/14

Left: 18.135+/-0.015 χ^2/NDF: 393750.6/31

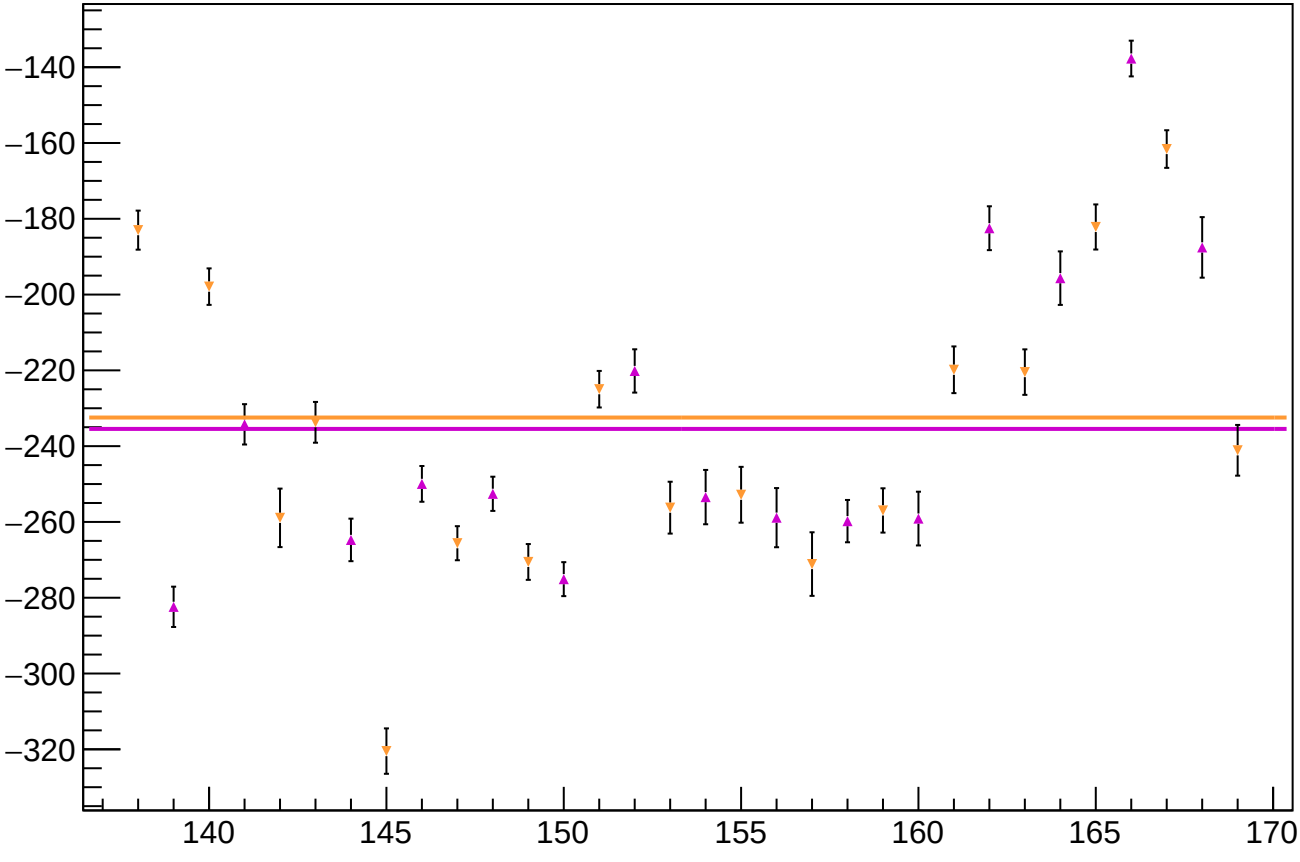
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 14.138+/-0.020 χ^2/NDF:545746.9/31

Out: 13.935+/-0.019 χ^2/NDF:785091.0/35

All: 14.035+/-0.014 χ^2/NDF: 1330892.0/67

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: -232.448+/-1.379 χ^2/NDF:836.6/16

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

Left In: -235.451+/-1.451 χ^2/NDF:841.3/14

Left: -233.874+/-1.000 χ^2/NDF: 1680.2/31

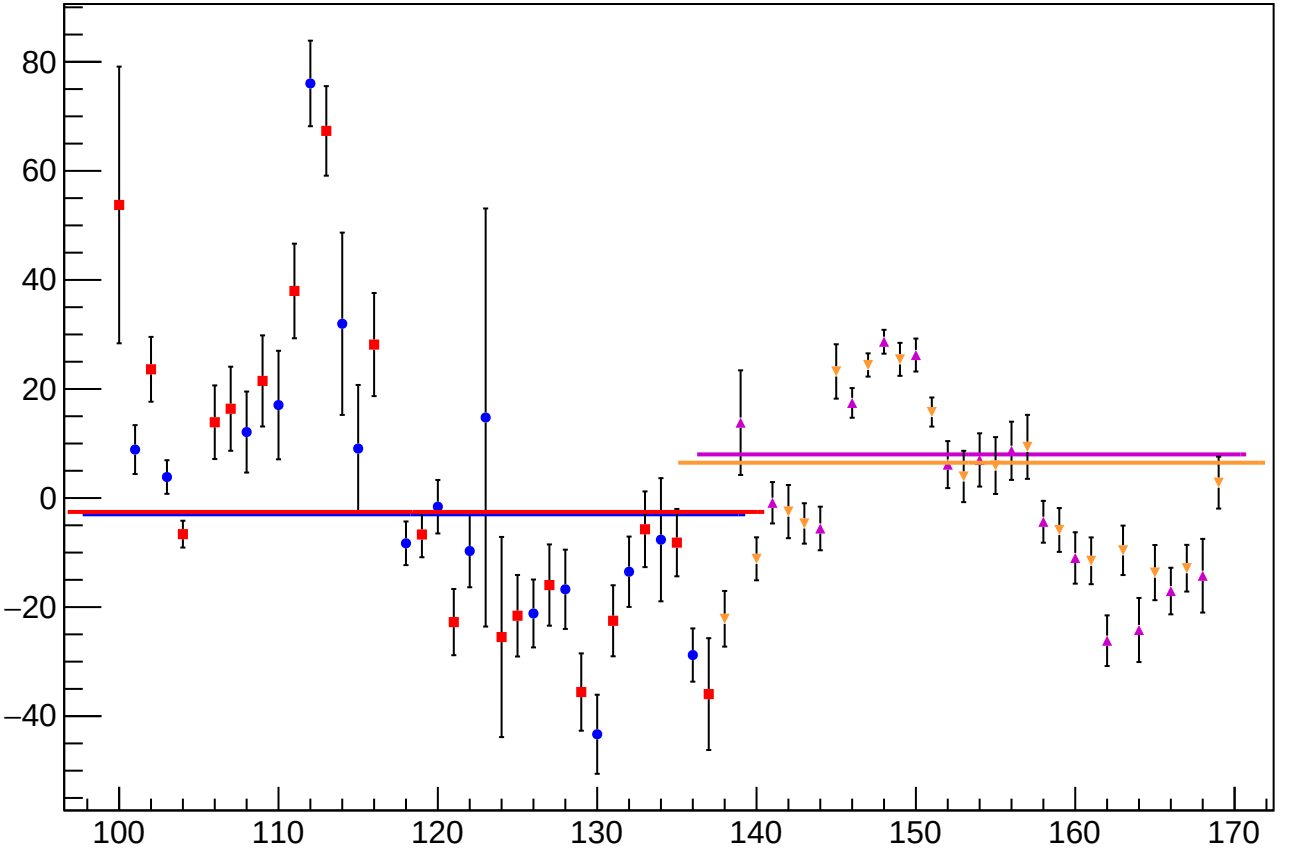
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -235.451+/-1.451 χ^2/NDF:841.3/14

Out: -232.448+/-1.379 χ^2/NDF:836.6/16

All: -233.874+/-1.000 χ^2/NDF: 1680.2/31

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: 6.481+/-0.936 χ^2/NDF:274.3/16

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 8.003+/-1.004 χ^2/NDF:311.3/14

Left: 7.189+/-0.684 χ^2/NDF: 586.9/31

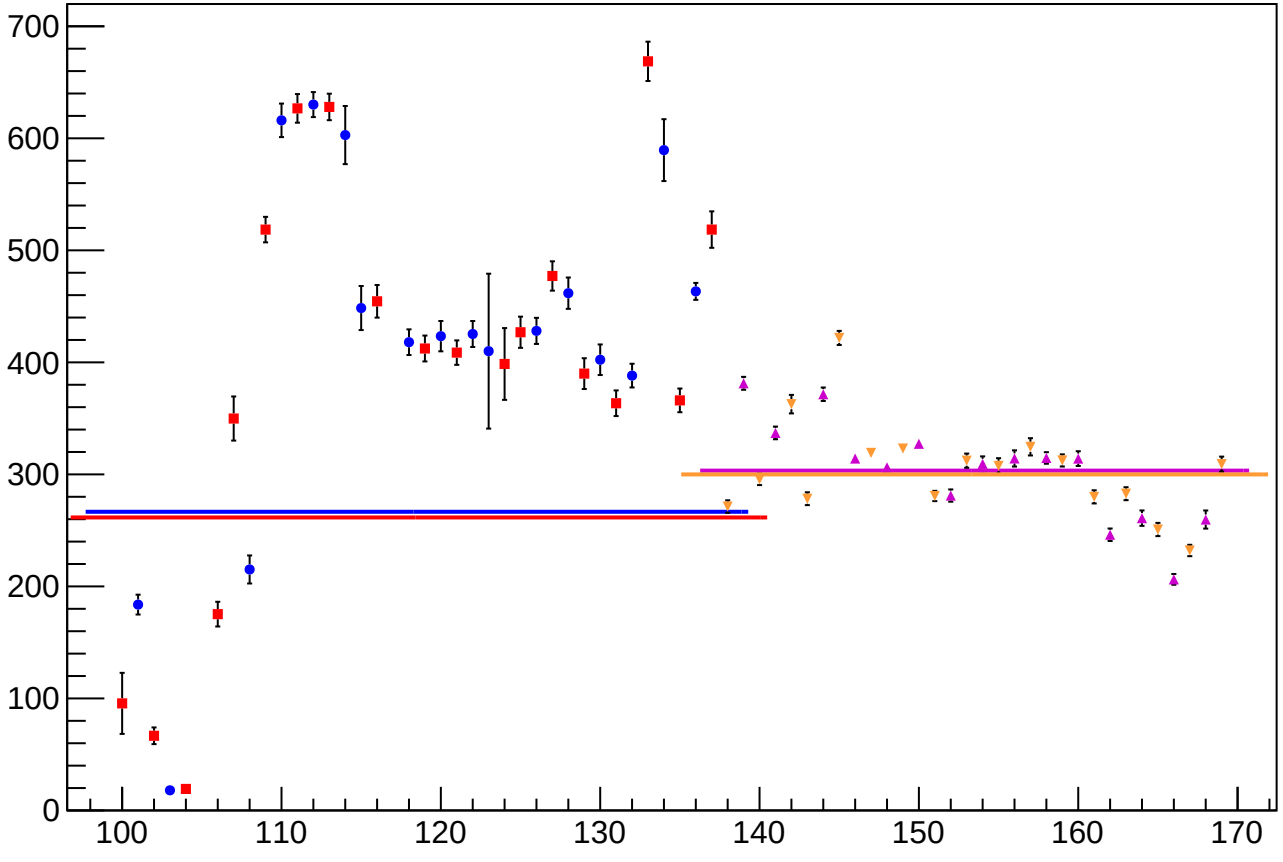
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 4.447+/-0.825 χ^2/NDF:554.0/31

Out: 3.689+/-0.778 χ^2/NDF:521.2/35

All: 4.046+/-0.566 χ^2/NDF: 1075.7/67

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: 299.969+/-1.360 χ^2/NDF:830.1/16

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 303.359+/-1.416 χ^2/NDF:995.2/14

Left: 301.596+/-0.981 χ^2/NDF: 1828.3/31

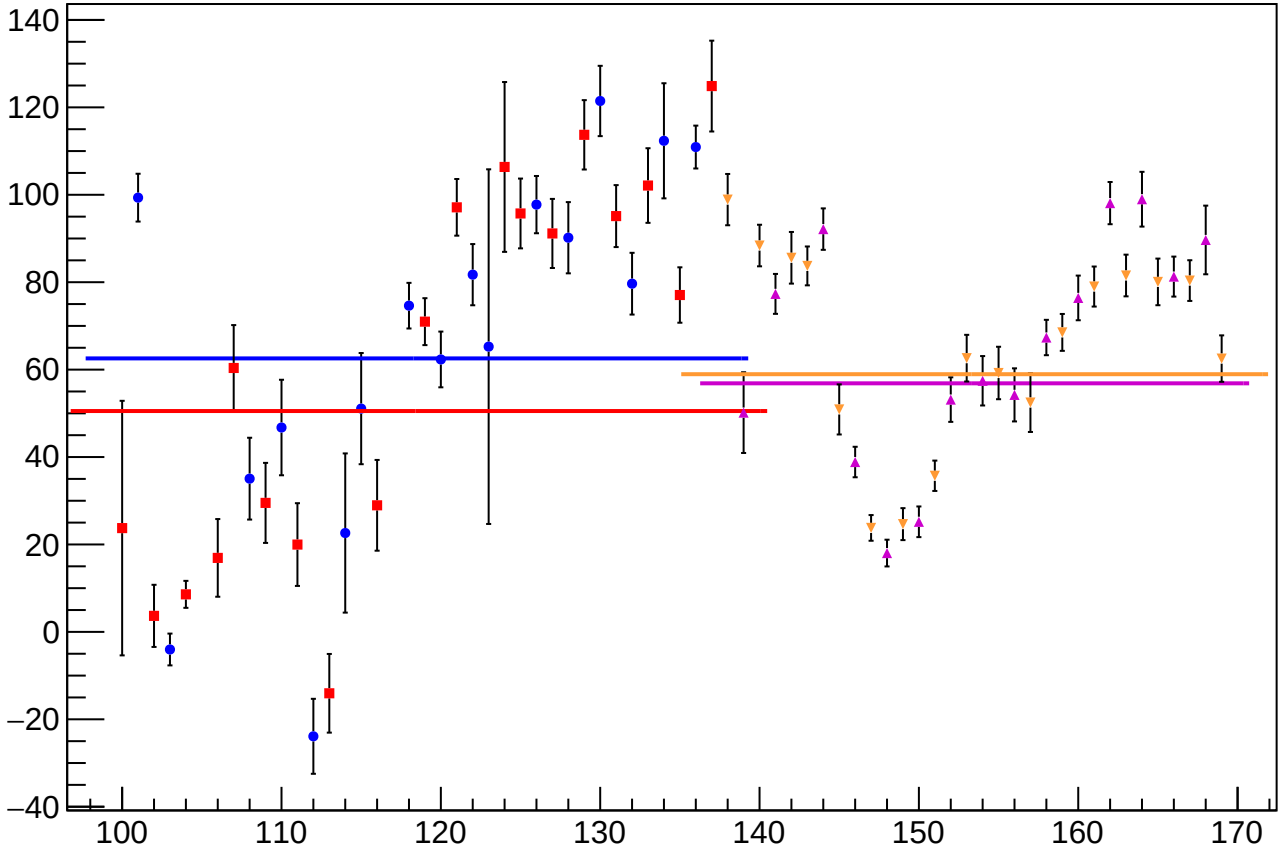
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 294.313+/-1.229 χ^2/NDF:8823.6/31

Out: 290.966+/-1.190 χ^2/NDF:9225.4/35

All: 292.585+/-0.855 χ^2/NDF: 18052.9/67

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: 58.953+/-1.114 χ^2/NDF:499.4/16

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 56.865+/-1.193 χ^2/NDF:531.4/14

Left: 57.980+/-0.814 χ^2/NDF: 1032.5/31

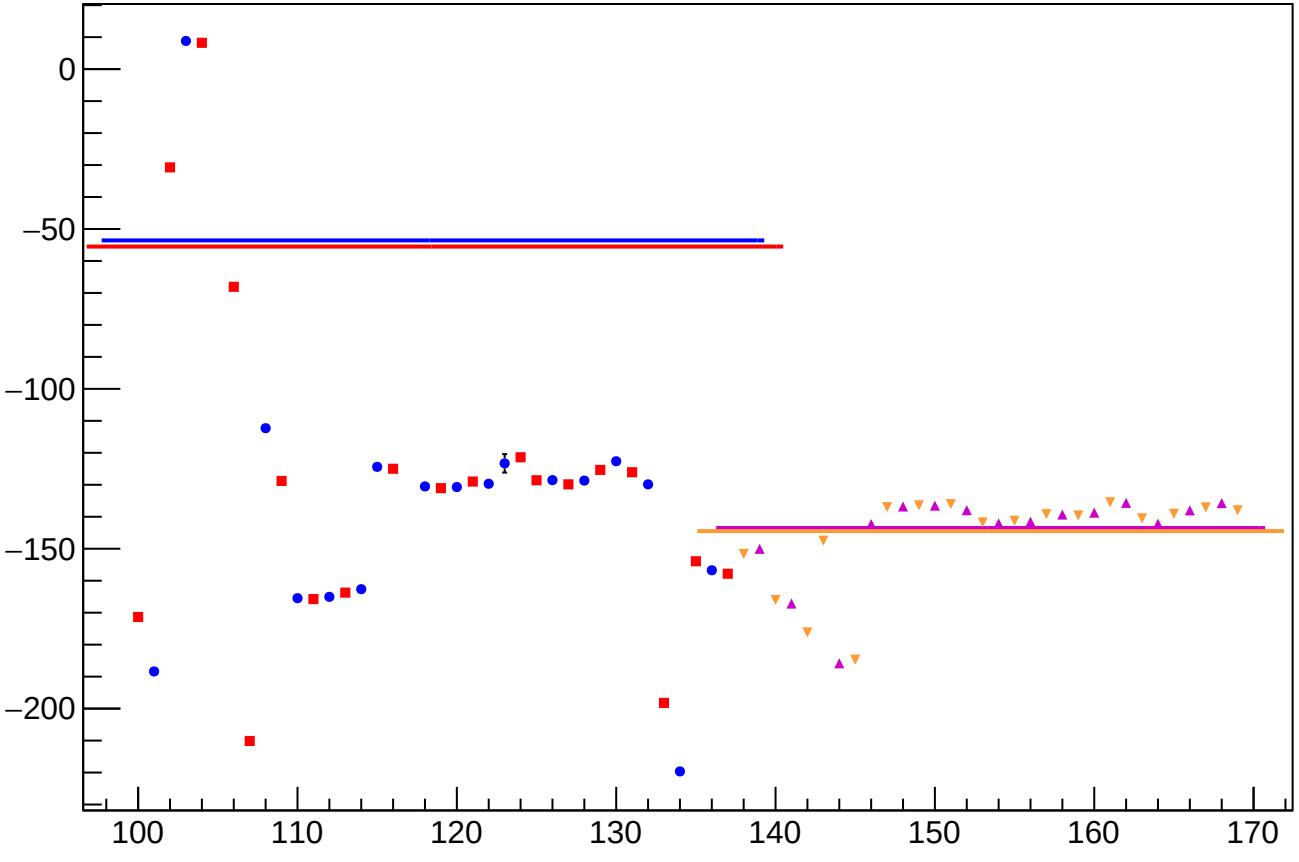
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 58.778+/-0.972 χ^2/NDF:1261.5/31

Out: 56.300+/-0.922 χ^2/NDF:1174.4/35

All: 57.474+/-0.669 χ^2/NDF: 2439.3/67

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: -144.480+/-0.055 χ^2/NDF:56543.5/16

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -143.519+/-0.057 χ^2/NDF:44813.3/14

Left: -144.019+/-0.039 χ^2/NDF: 101506.0/31

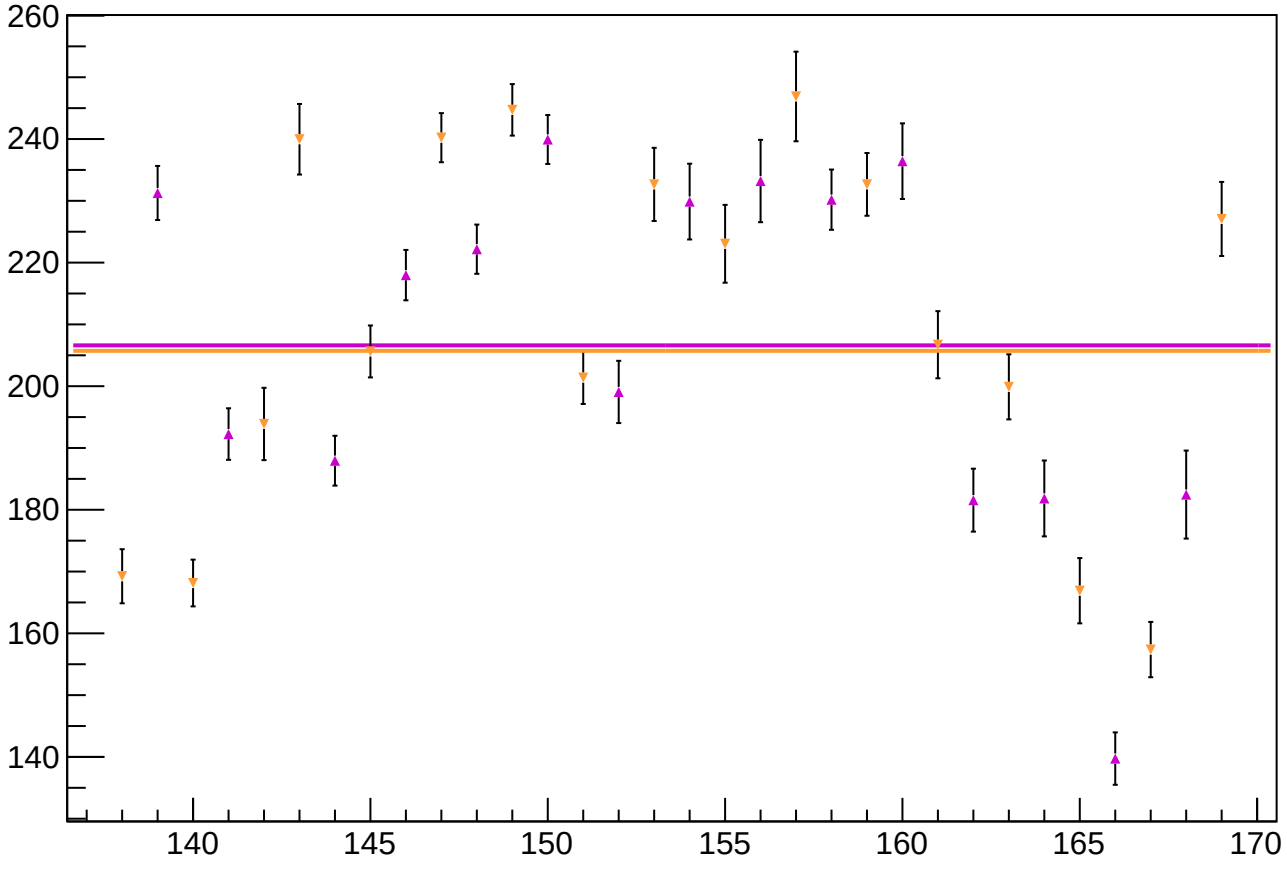
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -108.027+/-0.044 χ^2/NDF:2267017.5/31

Out: -111.993+/-0.043 χ^2/NDF:1998303.5/35

All: -110.041+/-0.031 χ^2/NDF: 4269421.9/67

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: 205.723+/-1.187 χ^2/NDF:645.4/16

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

Left In: 206.607+/-1.235 χ^2/NDF:538.9/14

Left: 206.147+/-0.856 χ^2/NDF: 1184.5/31

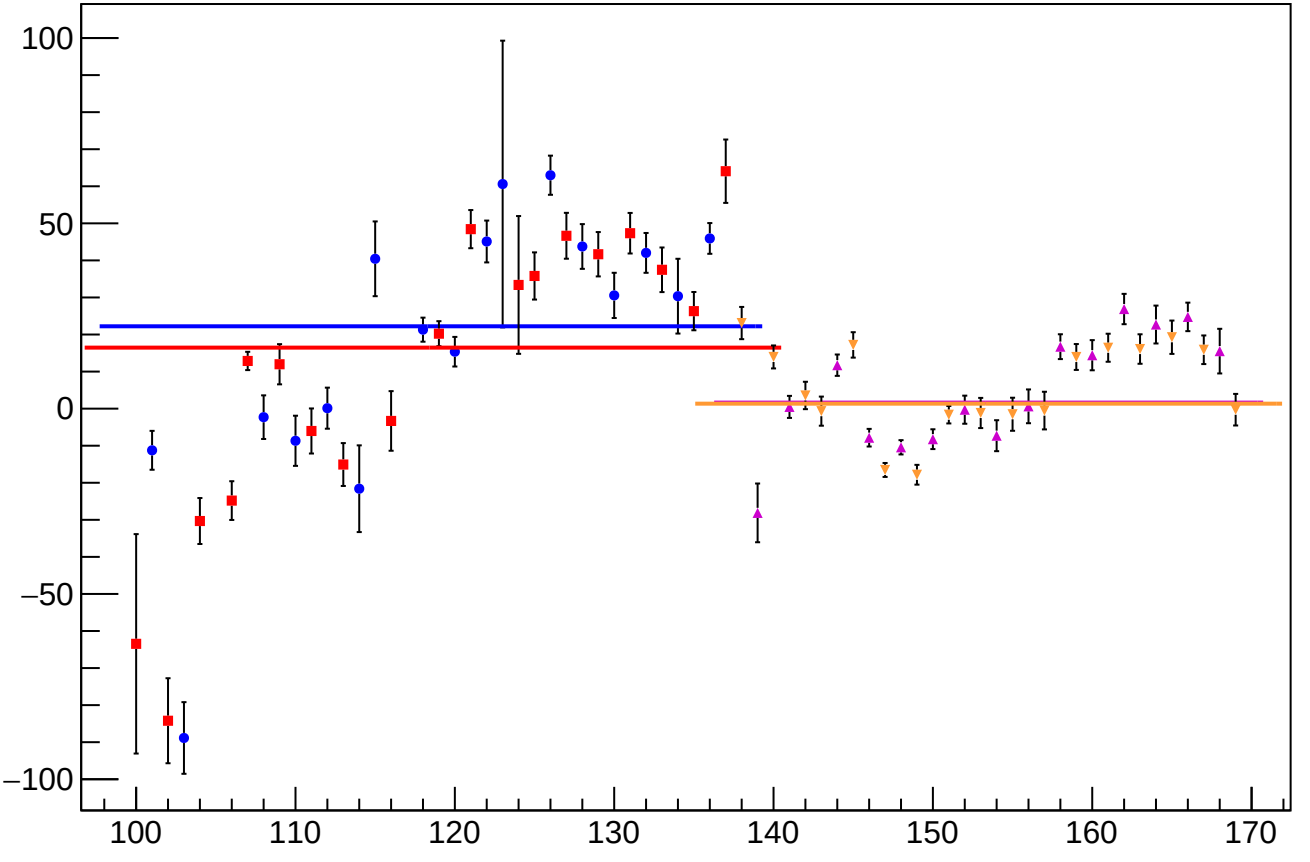
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 206.607+/-1.235 χ^2/NDF:538.9/14

Out: 205.723+/-1.187 χ^2/NDF:645.4/16

All: 206.147+/-0.856 χ^2/NDF: 1184.5/31

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: 1.343+/-0.812 χ^2/NDF:280.7/16

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 1.631+/-0.860 χ^2/NDF:226.6/14

Left: 1.479+/-0.590 χ^2/NDF: 507.4/31

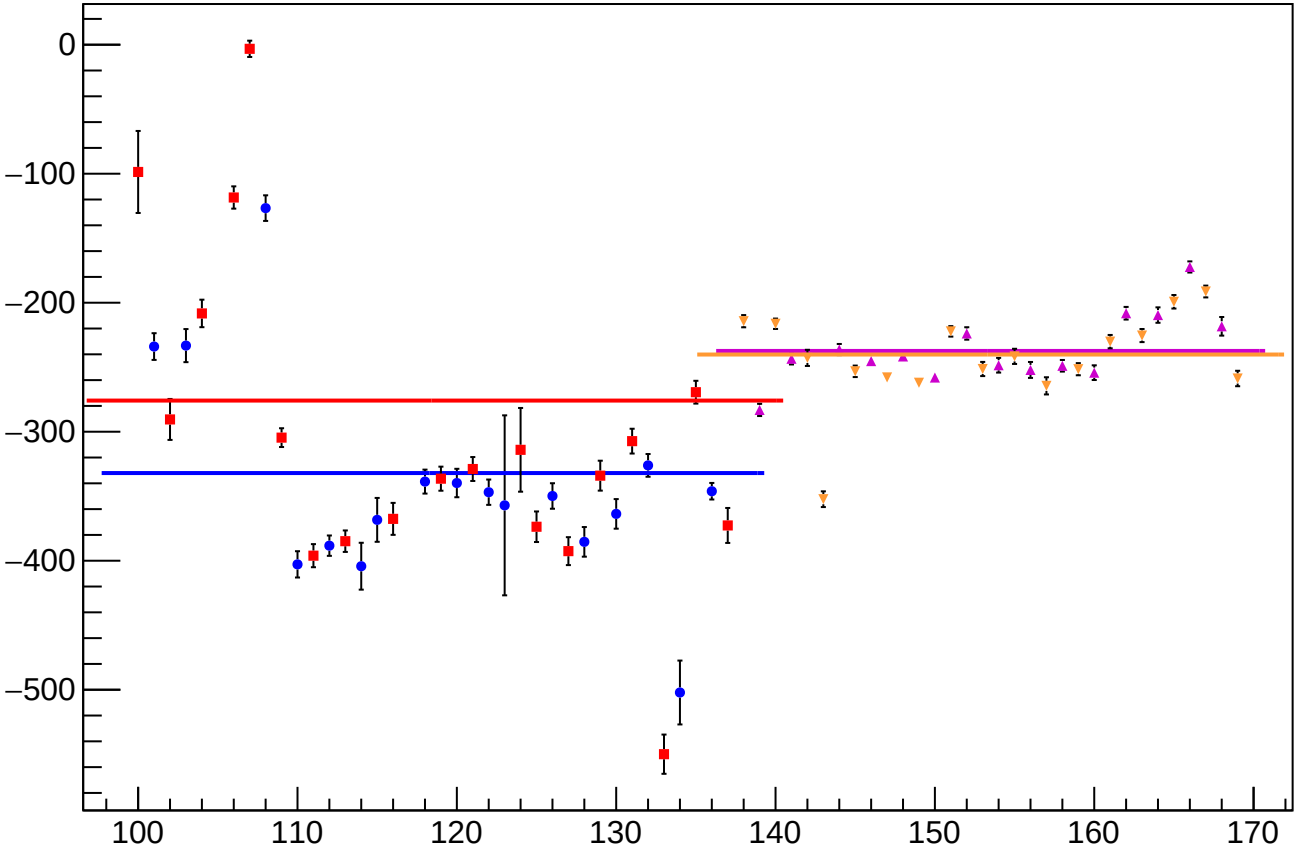
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 7.429+/-0.729 χ^2/NDF:773.6/31

Out: 5.933+/-0.677 χ^2/NDF:811.9/35

All: 6.626+/-0.496 χ^2/NDF: 1587.8/67

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: -240.163+/-1.174 χ^2/NDF:705.0/16

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -237.382+/-1.211 χ^2/NDF:455.3/14

Left: -238.815+/-0.843 χ^2/NDF: 1163.1/31

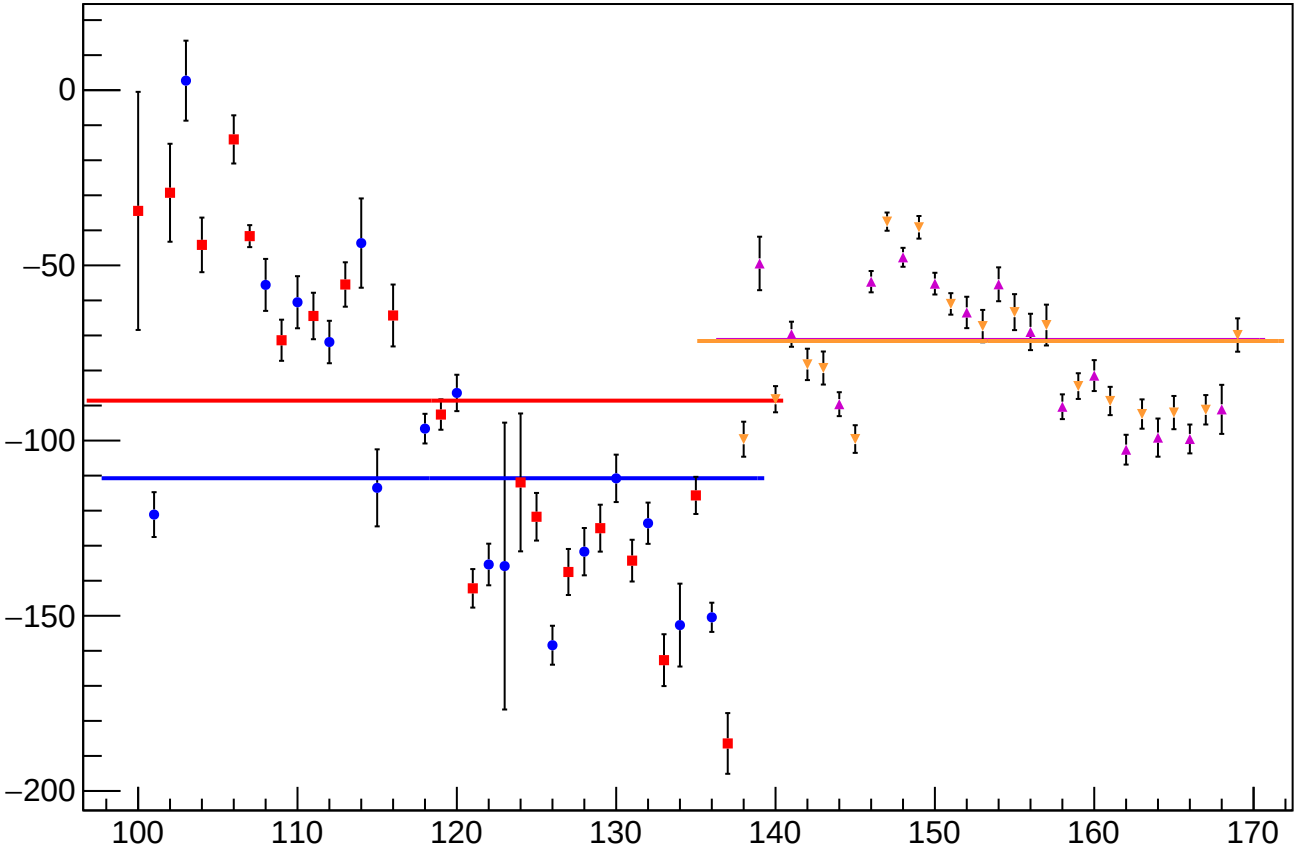
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -254.665+/-1.095 χ^2/NDF:2356.0/31

Out: -247.419+/-1.048 χ^2/NDF:4255.7/35

All: -250.885+/-0.757 χ^2/NDF: 6634.6/67

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: -71.581+/-0.965 χ^2/NDF:491.0/16

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -71.284+/-1.021 χ^2/NDF:354.2/14

Left: -71.441+/-0.701 χ^2/NDF: 845.2/31

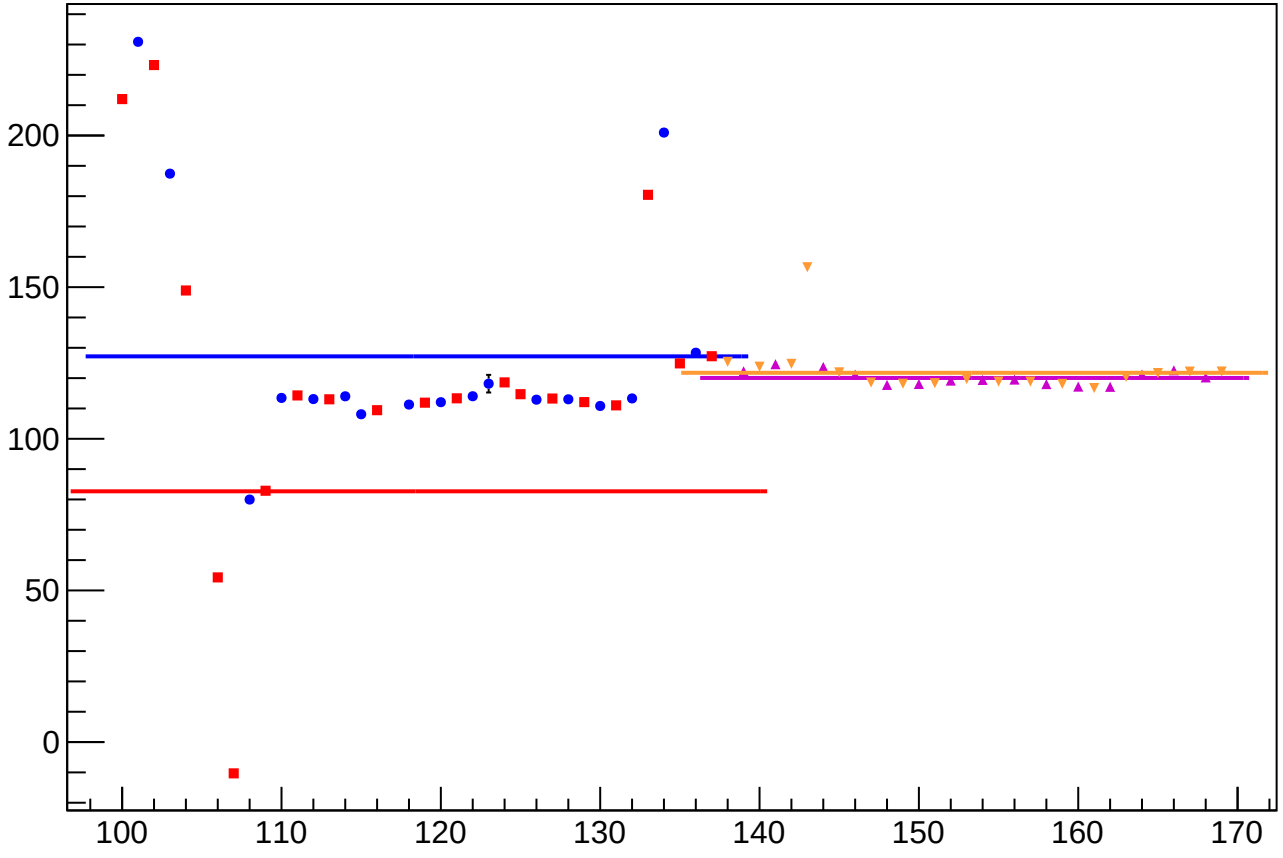
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -82.930+/-0.857 χ^2/NDF:1308.6/31

Out: -76.884+/-0.801 χ^2/NDF:1557.6/35

All: -79.702+/-0.585 χ^2/NDF: 2892.8/67

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: 121.762+/-0.047 χ^2/NDF:23682.0/16

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.059+/-0.049 χ^2/NDF:2383.4/14

Left: 120.936+/-0.034 χ^2/NDF: 26700.4/31

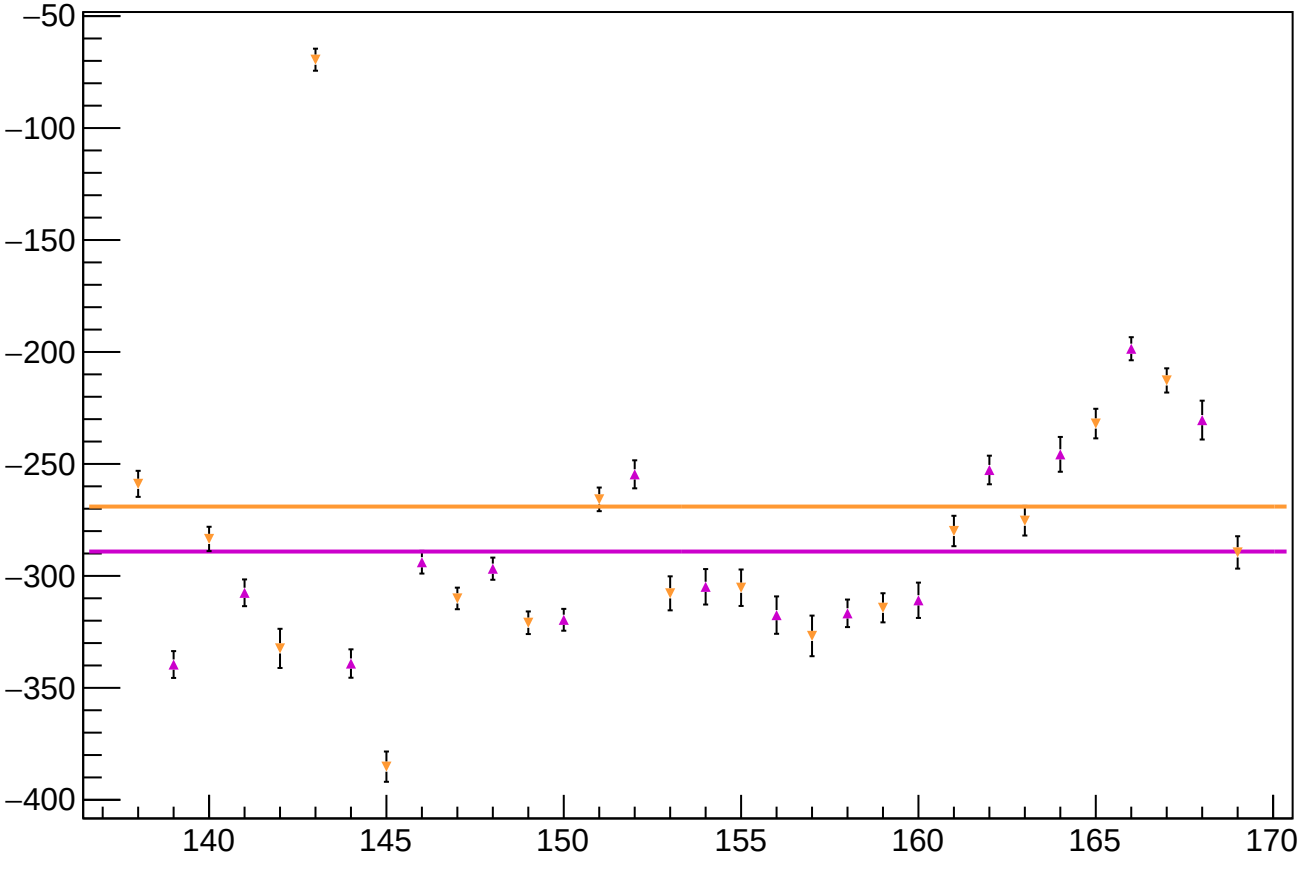
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 121.689+/-0.043 χ^2/NDF:195367.0/31

Out: 110.789+/-0.040 χ^2/NDF:983093.5/35

All: 115.883+/-0.029 χ^2/NDF: 1213340.4/67

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: -269.036+/-1.496 χ^2/NDF:2465.0/16

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

Left In: -289.123+/-1.596 χ^2/NDF:676.8/14

Left: -278.433+/-1.091 χ^2/NDF: 3226.1/31

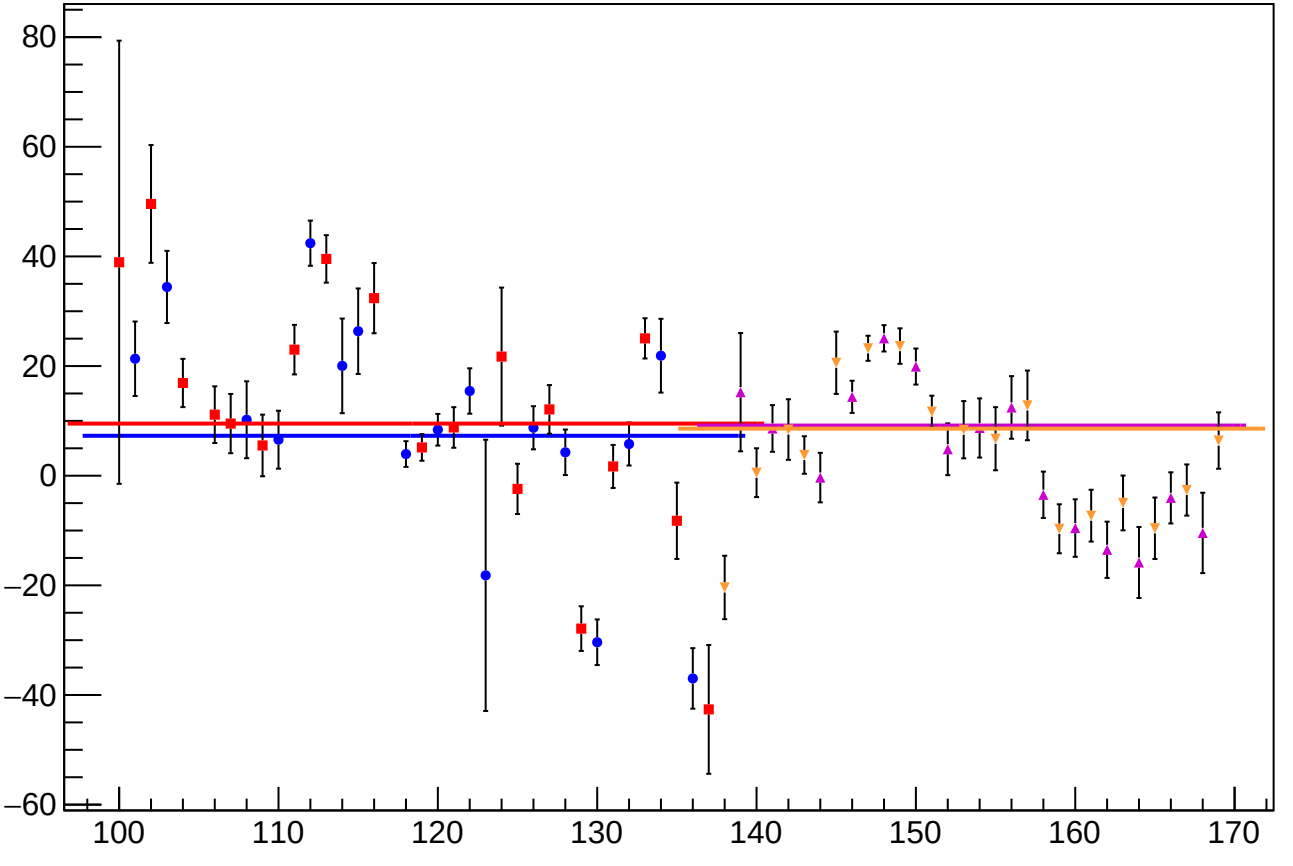
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -289.123+/-1.596 χ^2/NDF:676.8/14

Out: -269.036+/-1.496 χ^2/NDF:2465.0/16

All: -278.433+/-1.091 χ^2/NDF: 3226.1/31

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: 8.585+/-1.012 χ^2/NDF:151.1/16

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 9.146+/-1.102 χ^2/NDF:134.9/14

Left: 8.842+/-0.745 χ^2/NDF: 286.2/31

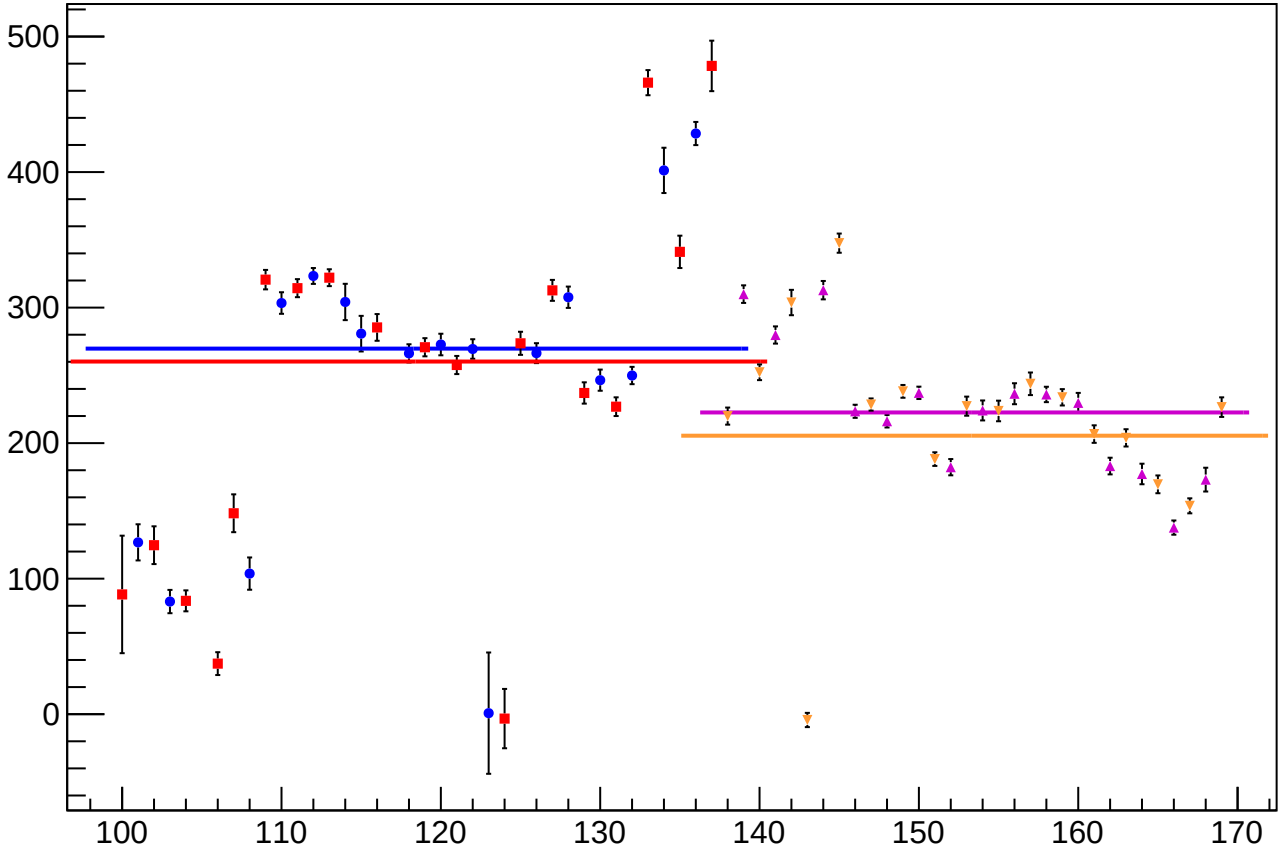
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 8.200+/-0.773 χ^2/NDF:397.4/31

Out: 9.017+/-0.737 χ^2/NDF:383.1/35

All: 8.628+/-0.533 χ^2/NDF: 781.0/67

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: 205.485+/-1.476 χ^2/NDF:2446.4/16

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 222.635+/-1.556 χ^2/NDF:876.8/14

Left: 213.607+/-1.071 χ^2/NDF: 3387.2/31

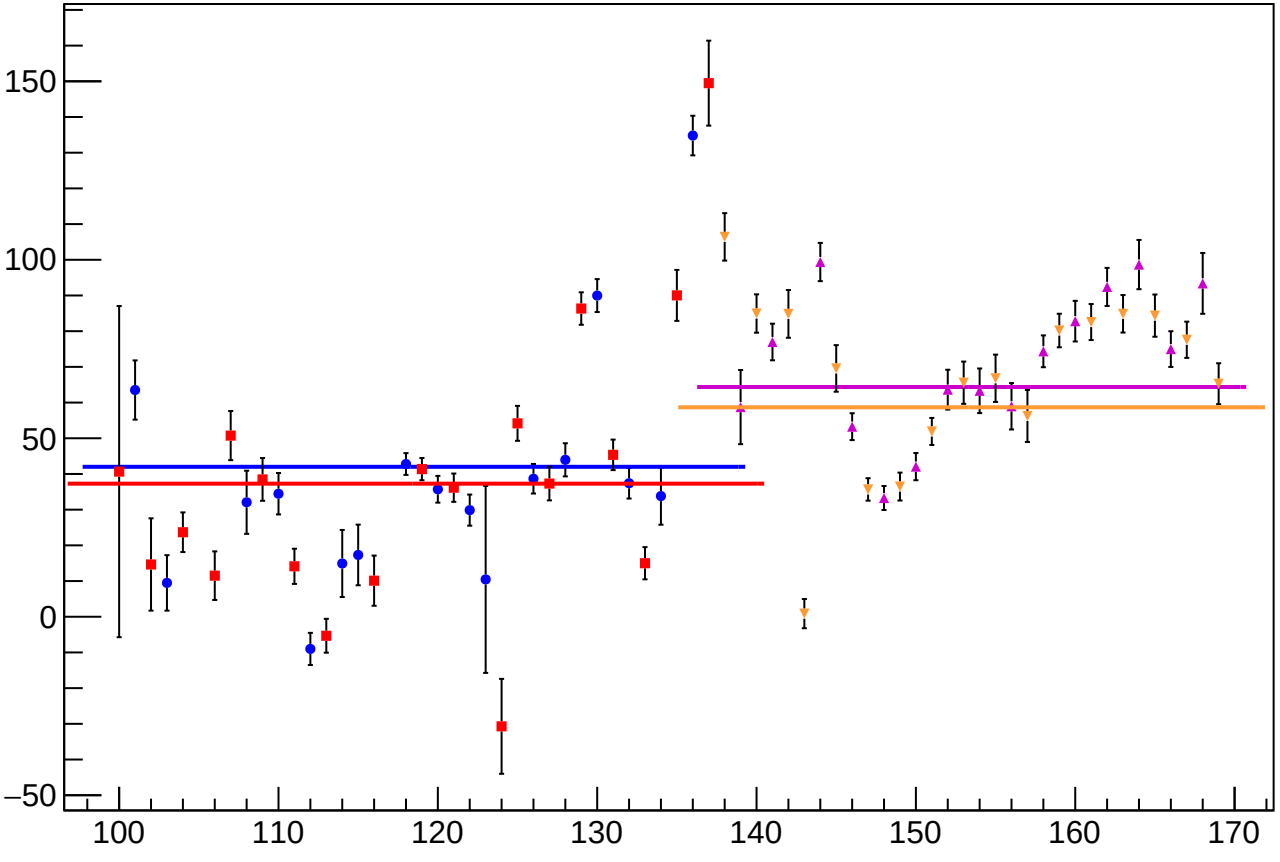
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 239.629+/-1.244 χ^2/NDF:2581.6/31

Out: 225.056+/-1.183 χ^2/NDF:5479.7/35

All: 231.975+/-0.857 χ^2/NDF: 8133.3/67

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: 58.676+/-1.206 χ^2/NDF:487.4/16

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 64.361+/-1.310 χ^2/NDF:262.5/14

Left: 61.284+/-0.887 χ^2/NDF: 760.1/31

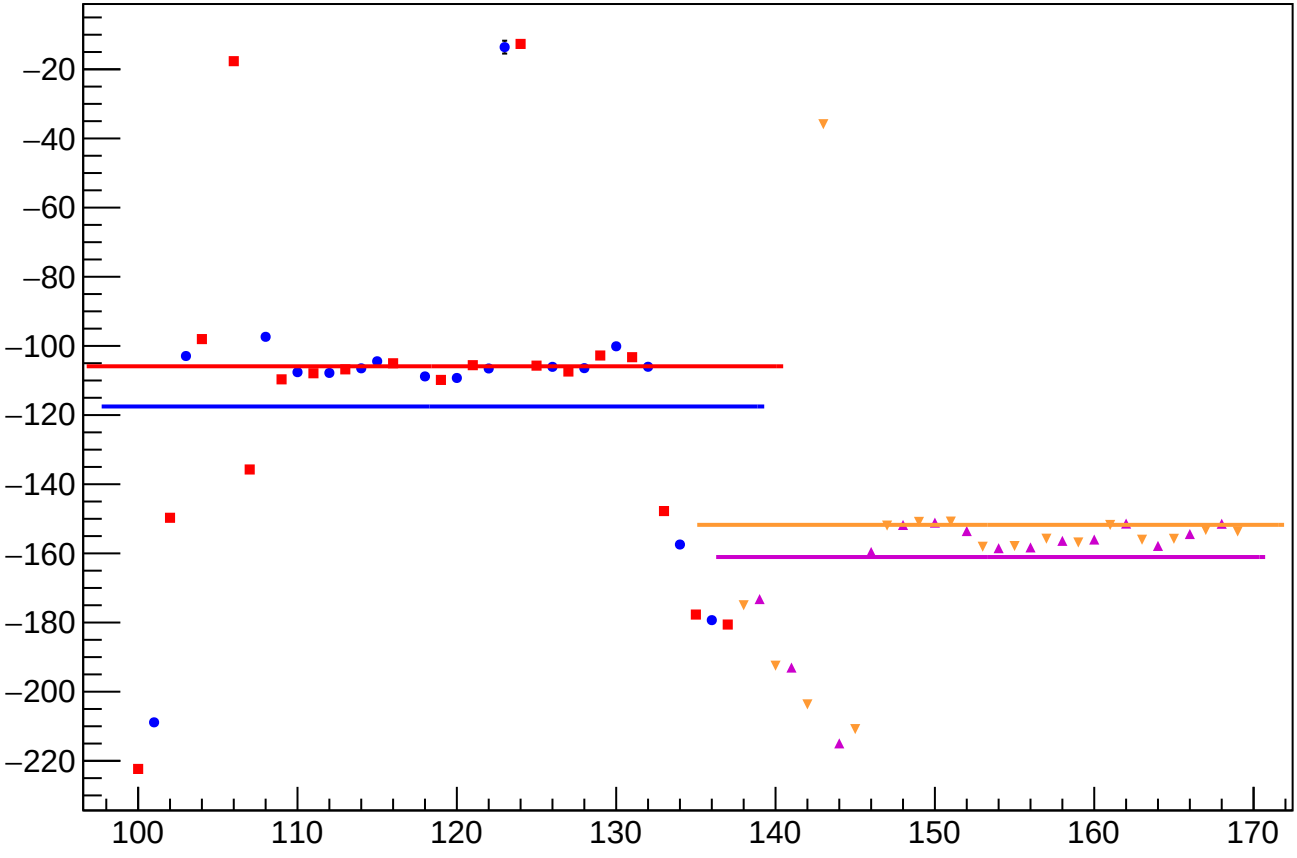
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 52.709+/-0.906 χ^2/NDF:989.9/31

Out: 48.253+/-0.864 χ^2/NDF:1113.3/35

All: 50.373+/-0.625 χ^2/NDF: 2115.9/67

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -151.747+/-0.059 χ^2/NDF:403988.4/16

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -161.053+/-0.062 χ^2/NDF:61462.1/14

Left: -156.158+/-0.043 χ^2/NDF: 477153.4/31

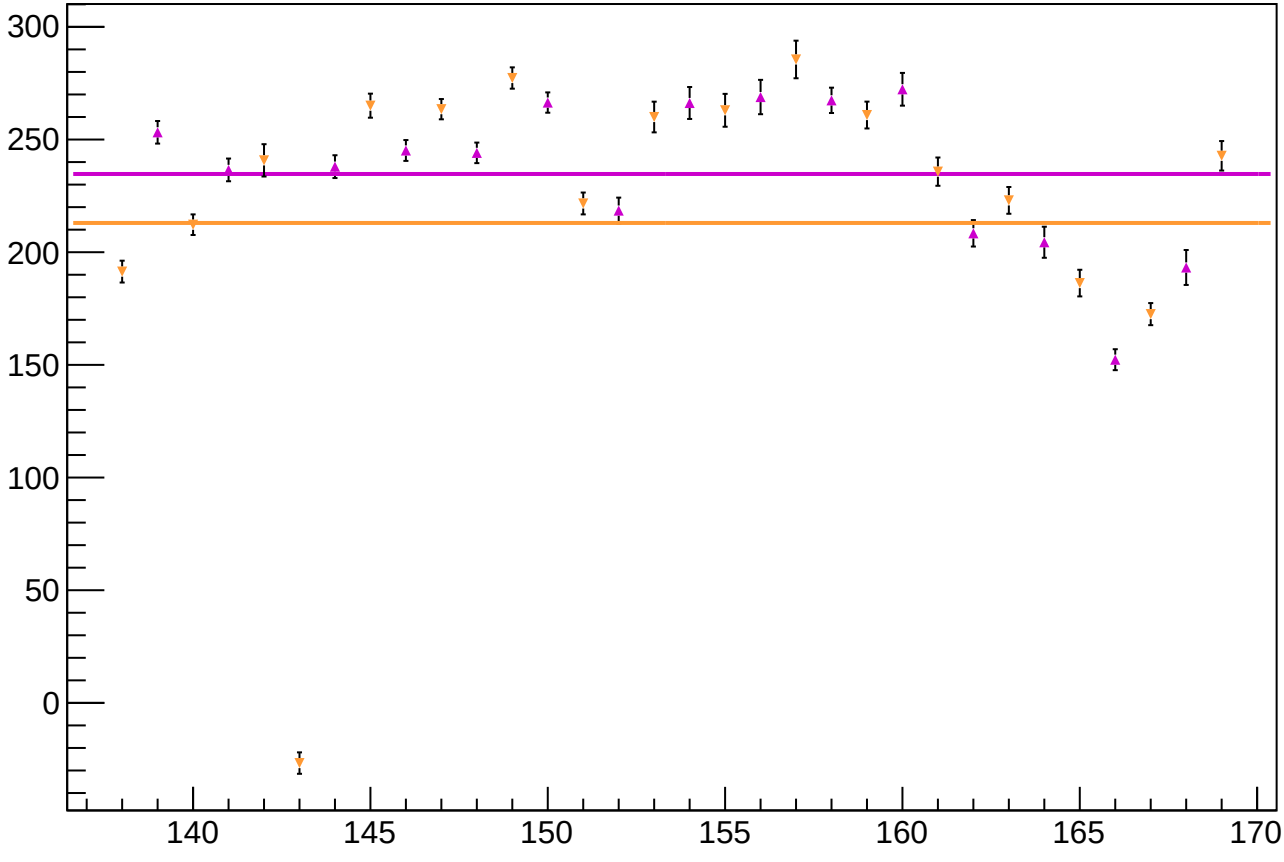
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -144.068+/-0.049 χ^2/NDF:393475.2/31

Out: -133.487+/-0.046 χ^2/NDF:967049.9/35

All: -138.467+/-0.033 χ^2/NDF: 1385493.6/67

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: 212.982+/-1.341 χ^2/NDF:3345.7/16

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

Left In: 234.715+/-1.424 χ^2/NDF:563.6/14

Left: 223.198+/-0.976 χ^2/NDF: 4032.8/31

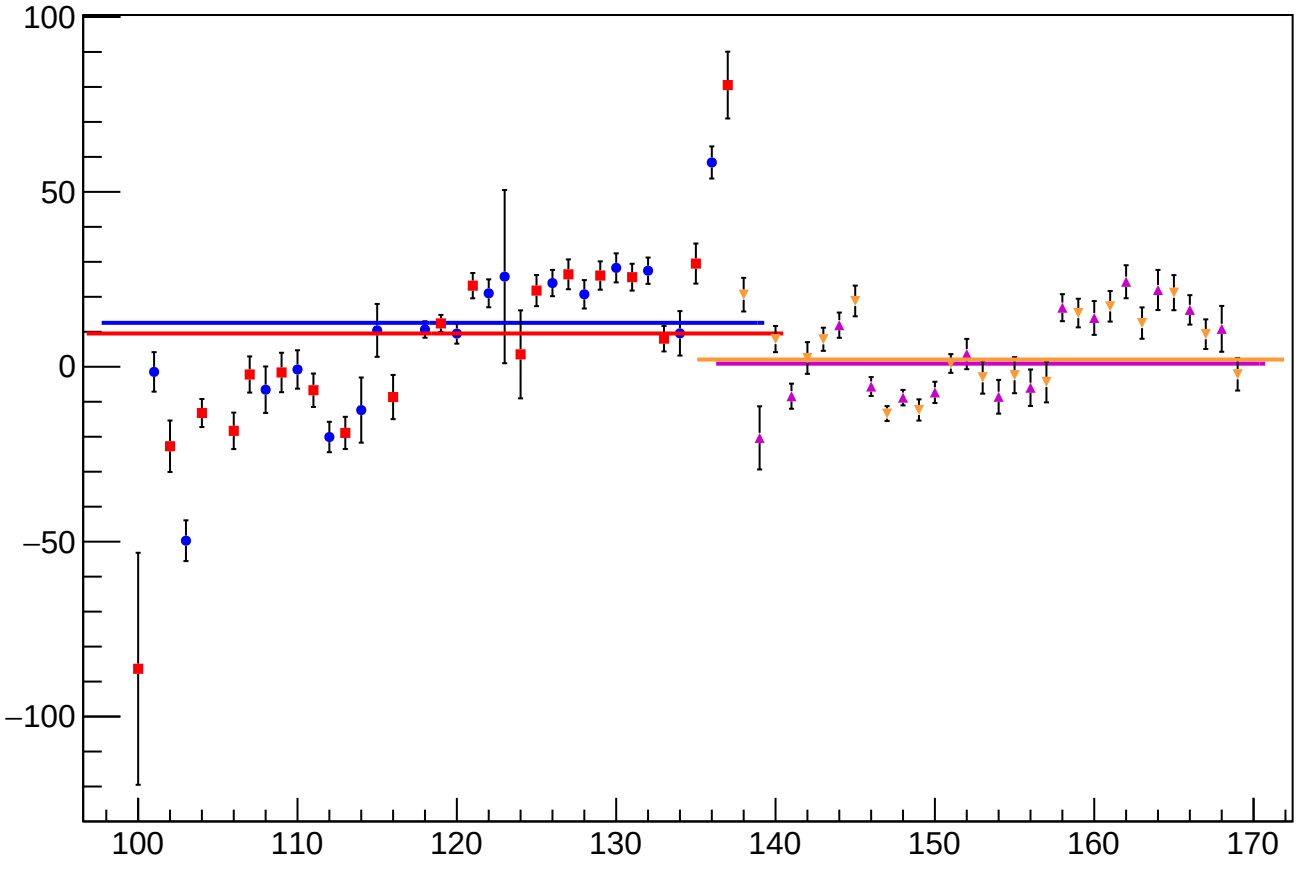
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 234.715+/-1.424 χ^2/NDF:563.6/14

Out: 212.982+/-1.341 χ^2/NDF:3345.7/16

All: 223.198+/-0.976 χ^2/NDF: 4032.8/31

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: 2.072+/-0.916 χ^2/NDF:159.7/16

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 0.888+/-0.993 χ^2/NDF:138.3/14

Left: 1.528+/-0.673 χ^2/NDF: 298.7/31

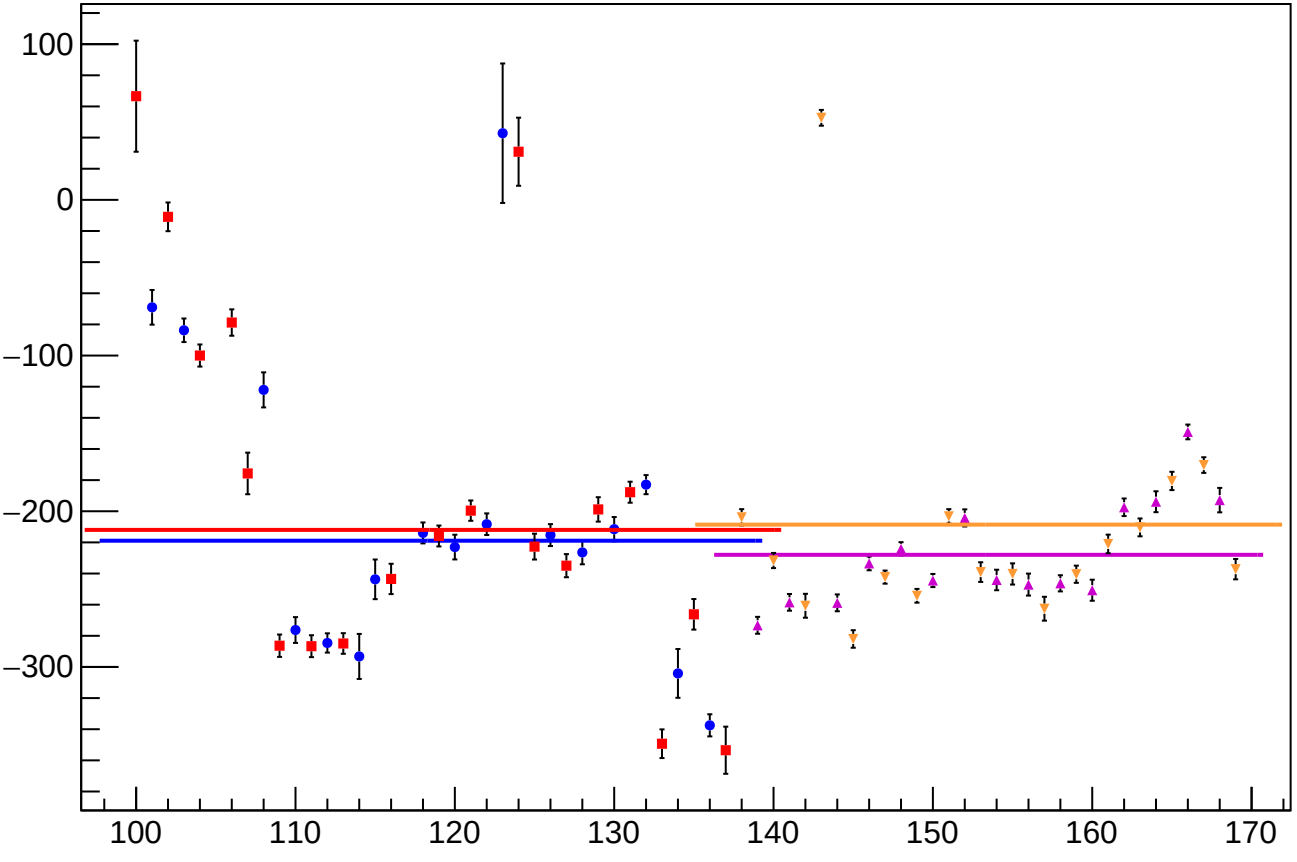
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 6.366+/-0.723 χ^2/NDF:550.9/31

Out: 5.290+/-0.691 χ^2/NDF:484.5/35

All: 5.803+/-0.499 χ^2/NDF: 1036.5/67

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: -208.590+/-1.328 χ^2/NDF:3294.3/16

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -227.987+/-1.394 χ^2/NDF:560.7/14

Left: -217.817+/-0.961 χ^2/NDF: 3956.5/31

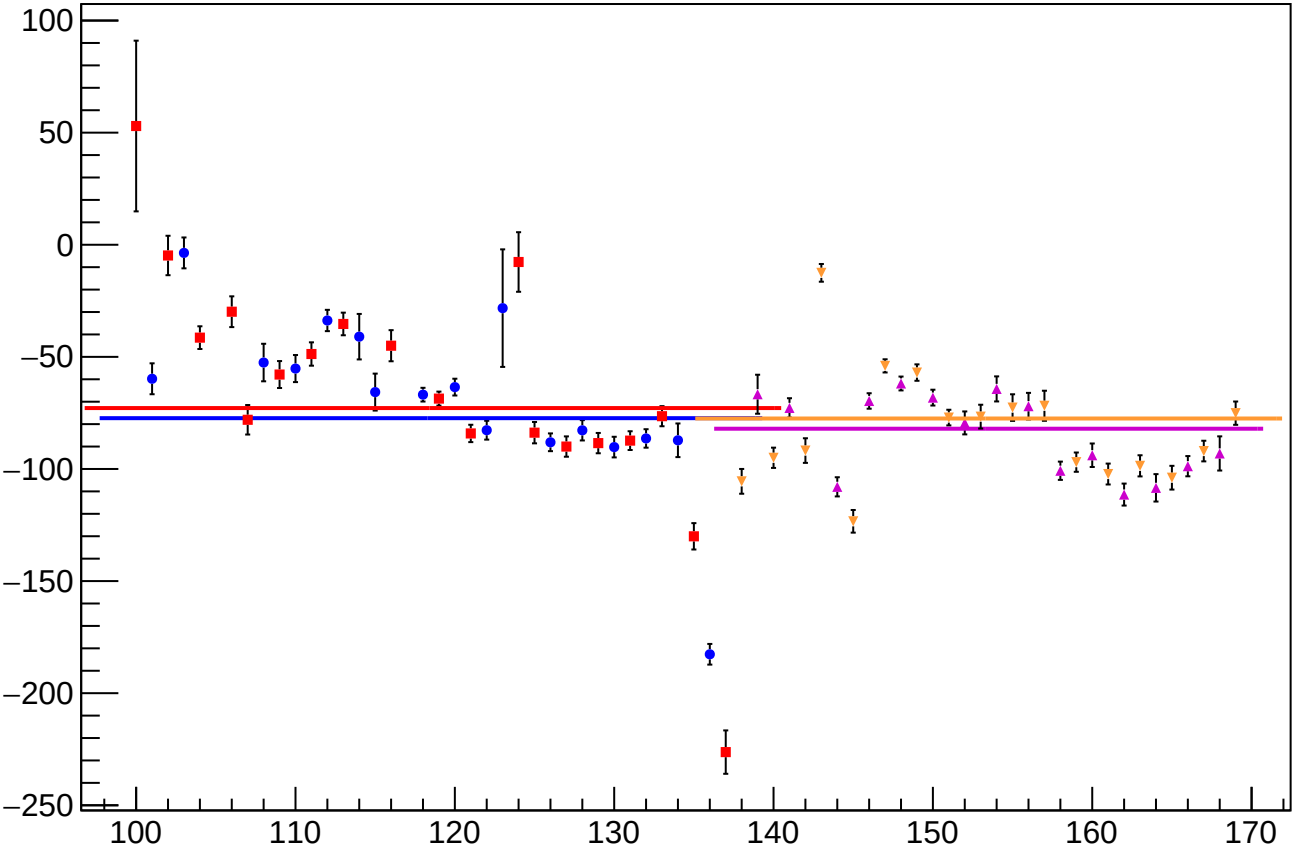
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -225.035+/-1.145 χ^2/NDF:1721.1/31

Out: -209.680+/-1.093 χ^2/NDF:5182.6/35

All: -217.002+/-0.791 χ^2/NDF: 6997.8/67

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: -77.491+/-1.090 χ^2/NDF:600.5/16

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -82.047+/-1.178 χ^2/NDF:225.2/14

Left: -79.592+/-0.800 χ^2/NDF: 833.7/31

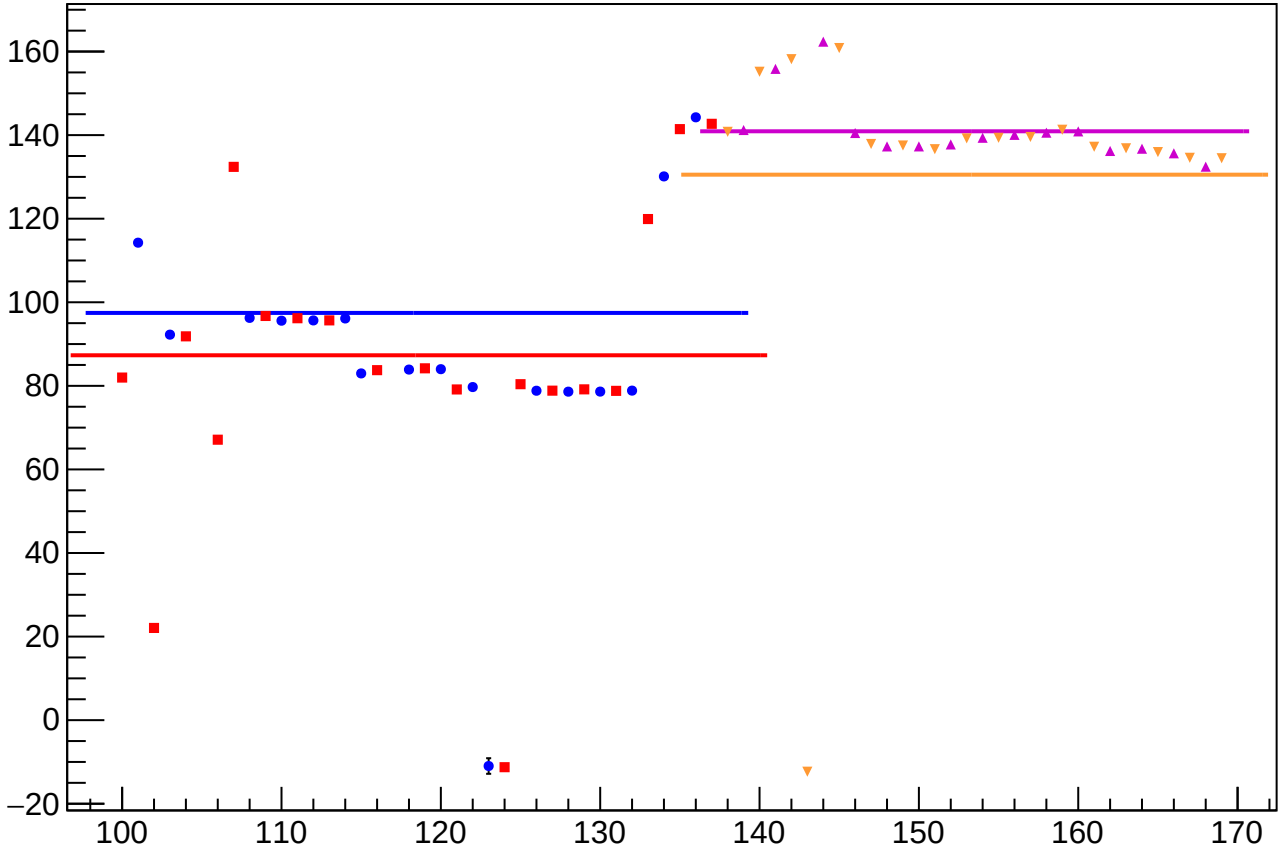
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -79.775+/-0.847 χ^2/NDF:1050.1/31

Out: -75.403+/-0.809 χ^2/NDF:1281.5/35

All: -77.489+/-0.585 χ^2/NDF: 2345.6/67

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 130.533+/-0.053 χ^2/NDF:550879.7/16

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 140.915+/-0.056 χ^2/NDF:16136.0/14

Left: 135.472+/-0.039 χ^2/NDF: 585120.1/31

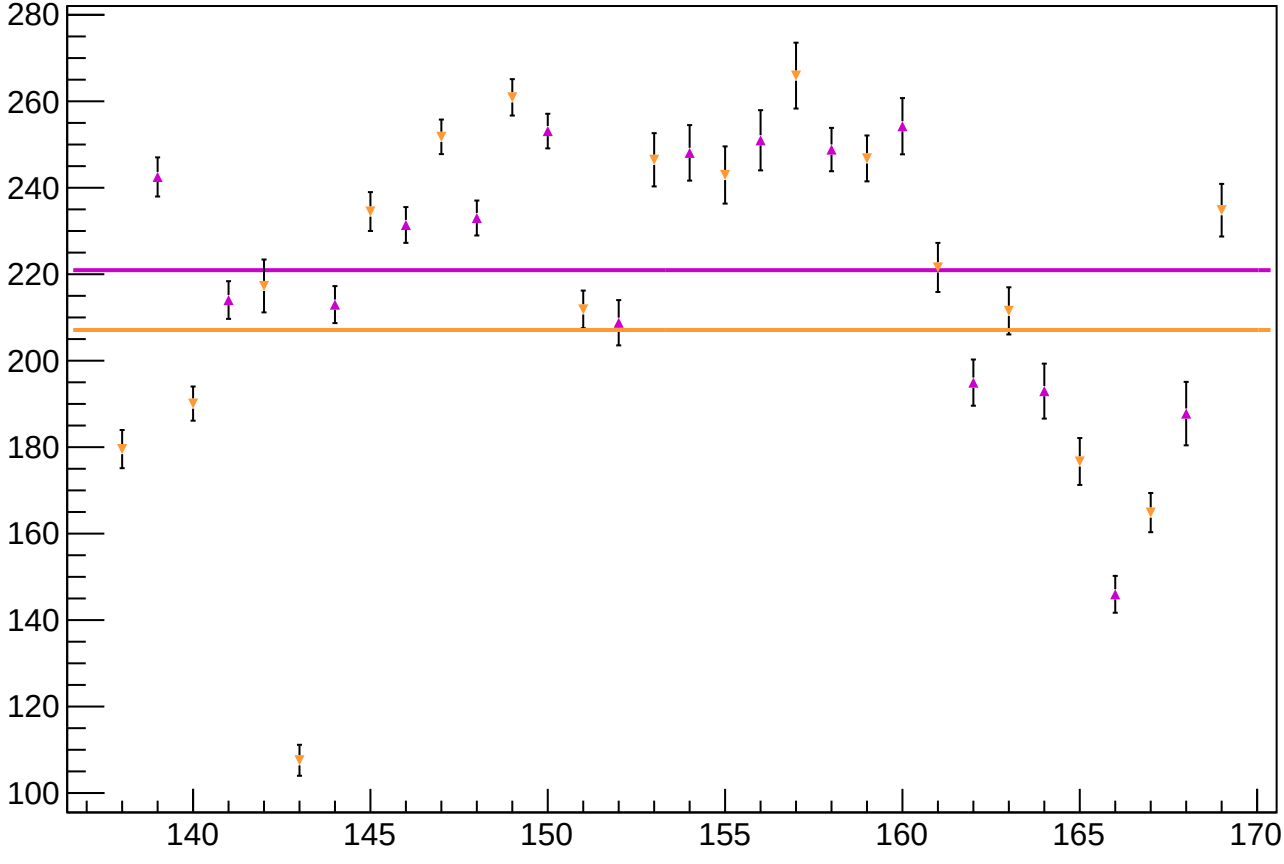
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 124.935+/-0.044 χ^2/NDF:333144.1/31

Out: 114.186+/-0.042 χ^2/NDF:1022098.8/35

All: 119.255+/-0.031 χ^2/NDF: 1386175.8/67

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 207.102+/-1.181 χ^2/NDF:1489.8/16

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

Left In: 220.939+/-1.274 χ^2/NDF:580.5/14

Left: 213.496+/-0.866 χ^2/NDF: 2133.8/31

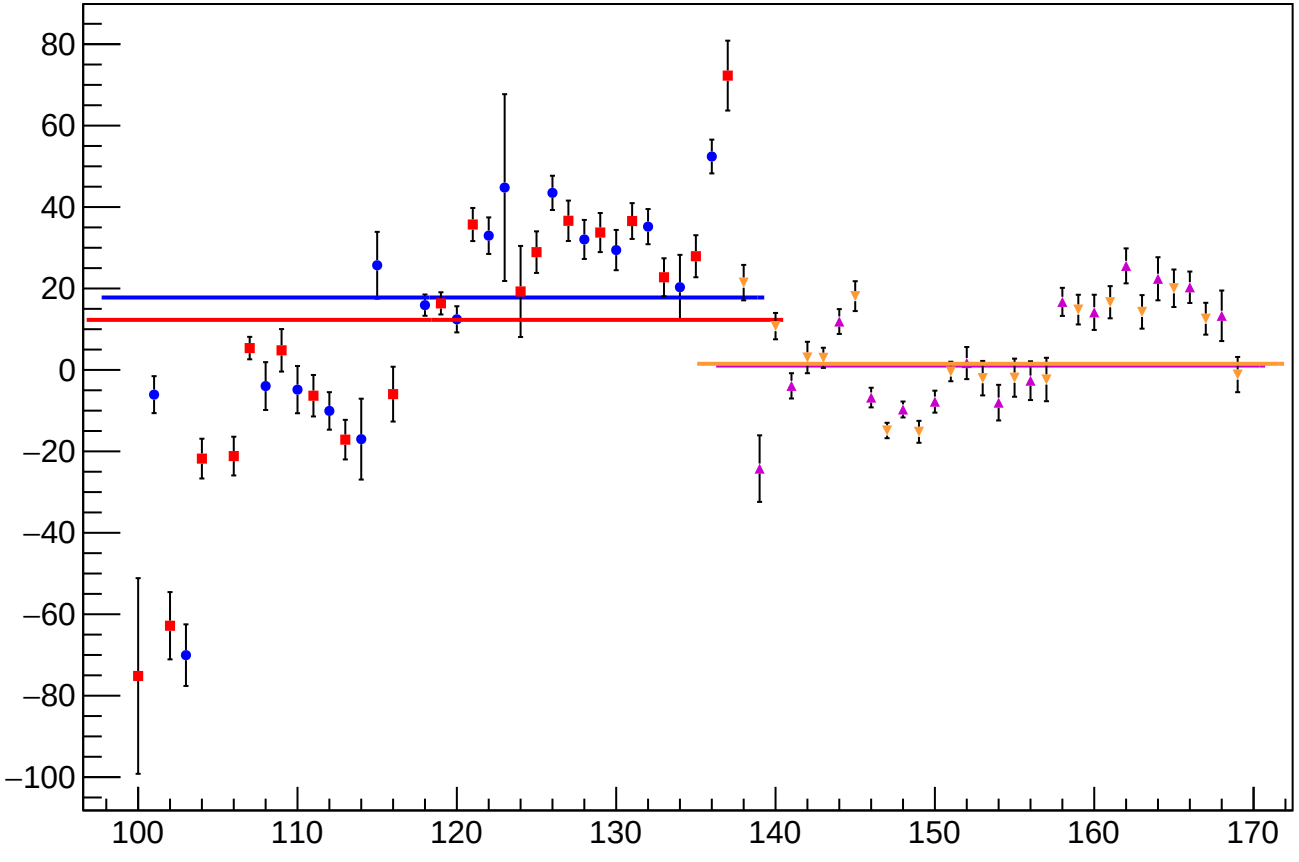
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 220.939+/-1.274 χ^2/NDF:580.5/14

Out: 207.102+/-1.181 χ^2/NDF:1489.8/16

All: 213.496+/-0.866 χ^2/NDF: 2133.8/31

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: 1.509+/-0.805 χ^2/NDF:227.9/16

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 1.069+/-0.885 χ^2/NDF:188.6/14

Left: 1.310+/-0.595 χ^2/NDF: 416.6/31

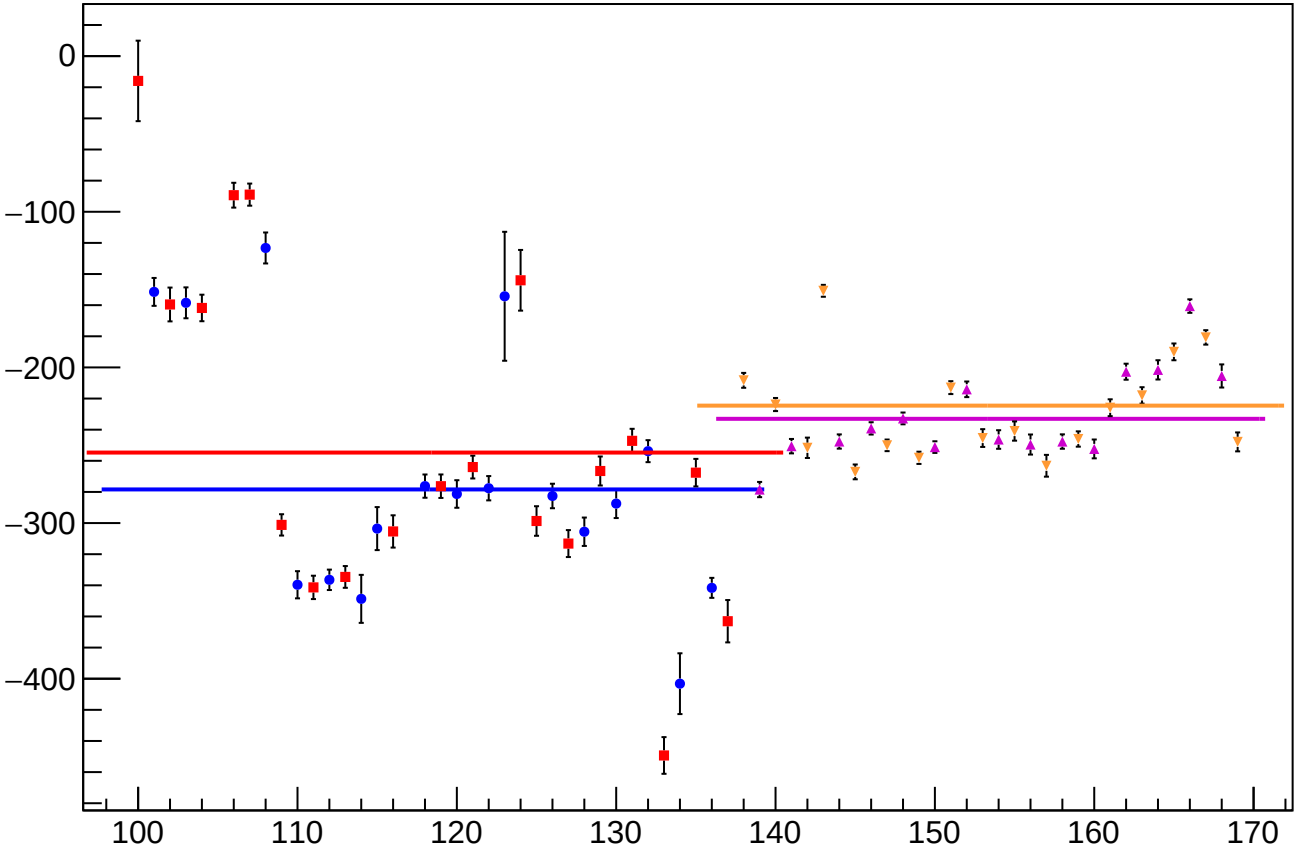
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 7.309+/-0.700 χ^2/NDF:717.0/31

Out: 5.332+/-0.647 χ^2/NDF:735.3/35

All: 6.242+/-0.475 χ^2/NDF: 1456.6/67

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: -224.548+/-1.173 χ^2/NDF:823.8/16

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -233.027+/-1.248 χ^2/NDF:535.0/14

Left: -228.524+/-0.855 χ^2/NDF: 1383.2/31

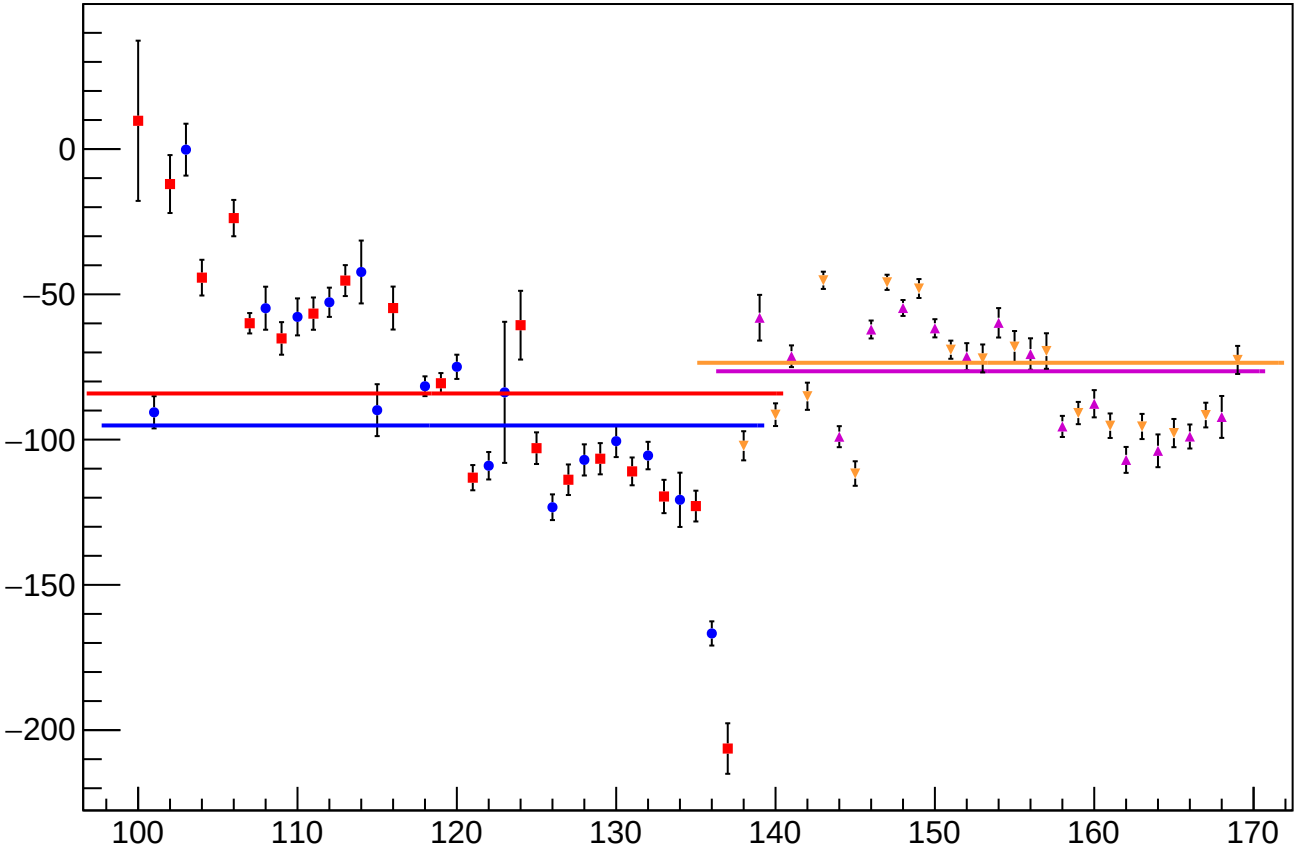
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -244.323+/-1.082 χ^2/NDF:1774.5/31

Out: -232.150+/-1.014 χ^2/NDF:3028.9/35

All: -237.846+/-0.740 χ^2/NDF: 4870.8/67

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: -73.557+/-0.959 χ^2/NDF:525.3/16

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -76.482+/-1.052 χ^2/NDF:304.1/14

Left: -74.885+/-0.709 χ^2/NDF: 833.6/31

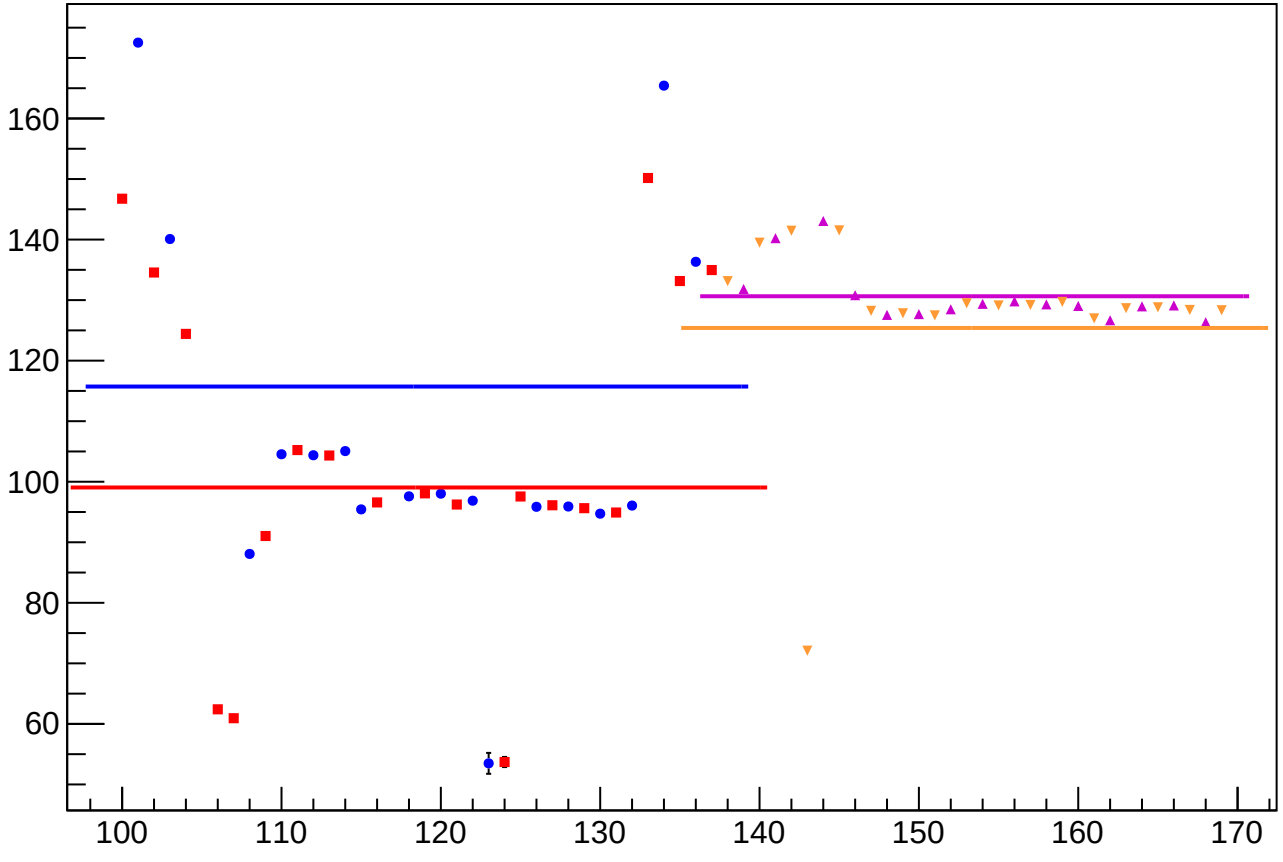
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -83.708+/-0.823 χ^2/NDF:1100.9/31

Out: -77.439+/-0.763 χ^2/NDF:1352.7/35

All: -80.336+/-0.560 χ^2/NDF: 2484.8/67

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 125.402+/-0.047 χ^2/NDF:142500.5/16

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 130.637+/-0.050 χ^2/NDF:8239.7/14

Left: 127.858+/-0.034 χ^2/NDF: 156538.4/31

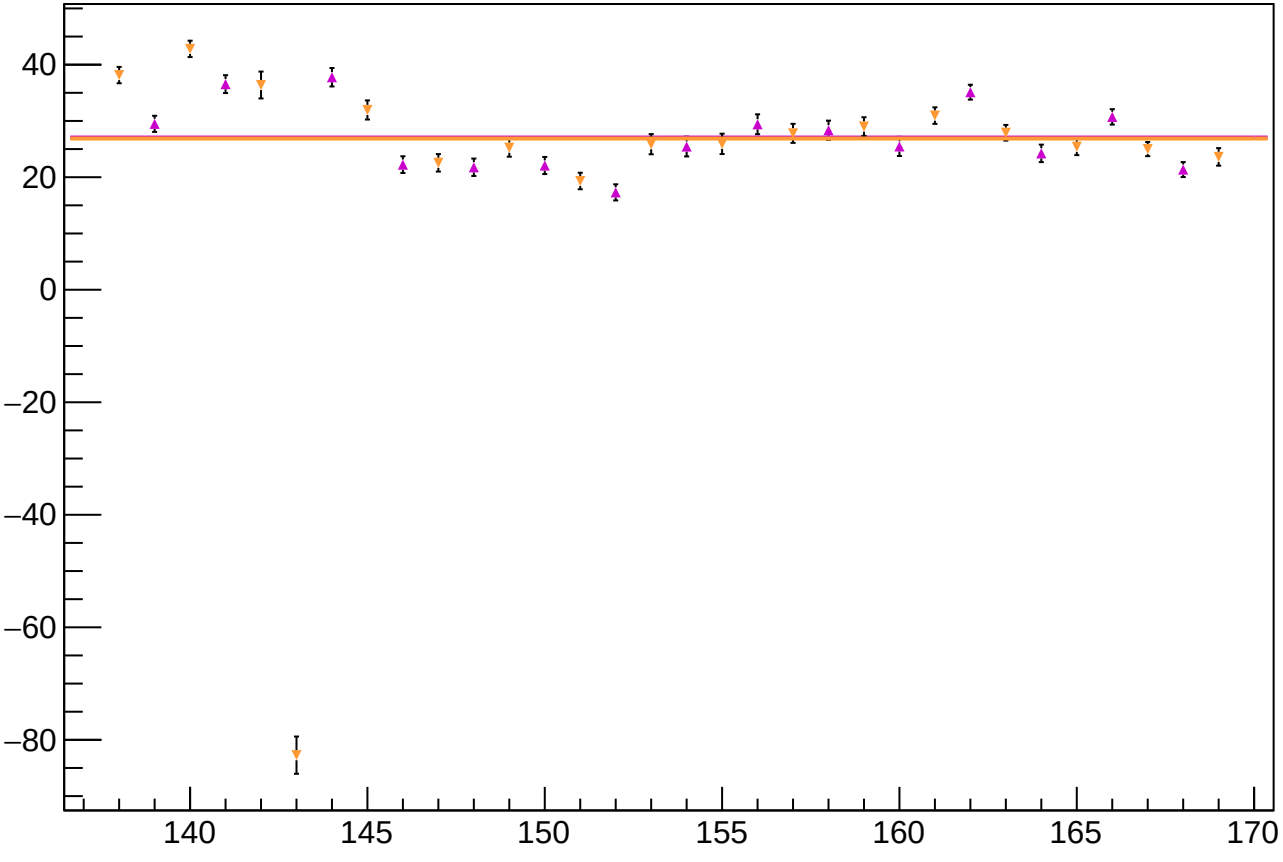
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 126.281+/-0.042 χ^2/NDF:140519.2/31

Out: 116.945+/-0.039 χ^2/NDF:416460.0/35

All: 121.229+/-0.029 χ^2/NDF: 583534.9/67

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 26.880+/-0.388 χ^2/NDF:1353.9/16

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

Left In: 27.047+/-0.394 χ^2/NDF:229.9/14

Left: 26.962+/-0.276 χ^2/NDF: 1583.9/31

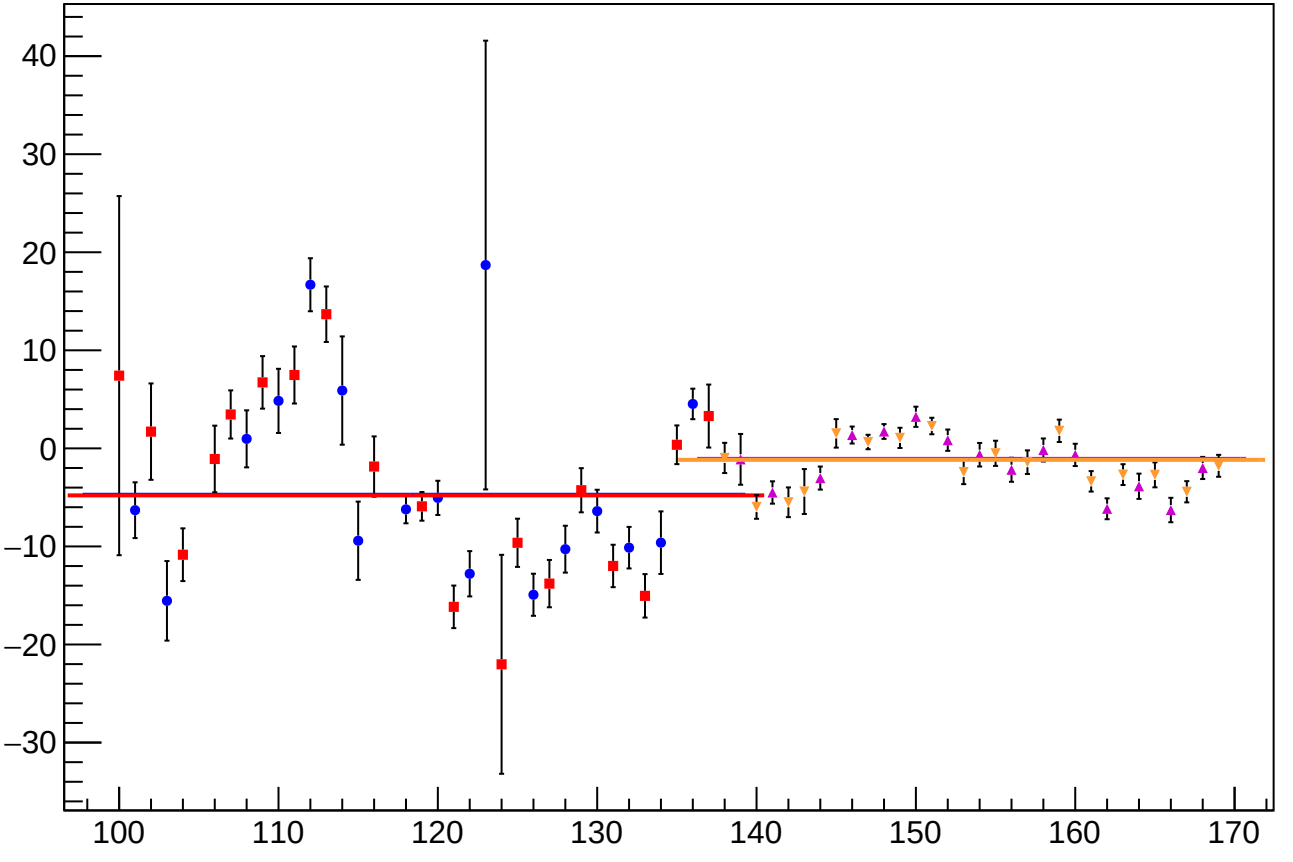
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 27.047+/-0.394 χ^2/NDF:229.9/14

Out: 26.880+/-0.388 χ^2/NDF:1353.9/16

All: 26.962+/-0.276 χ^2/NDF: 1583.9/31

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: -1.168+/-0.275 χ^2/NDF:82.5/16

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -1.071+/-0.285 χ^2/NDF:101.3/14

Left: -1.121+/-0.198 χ^2/NDF: 183.8/31

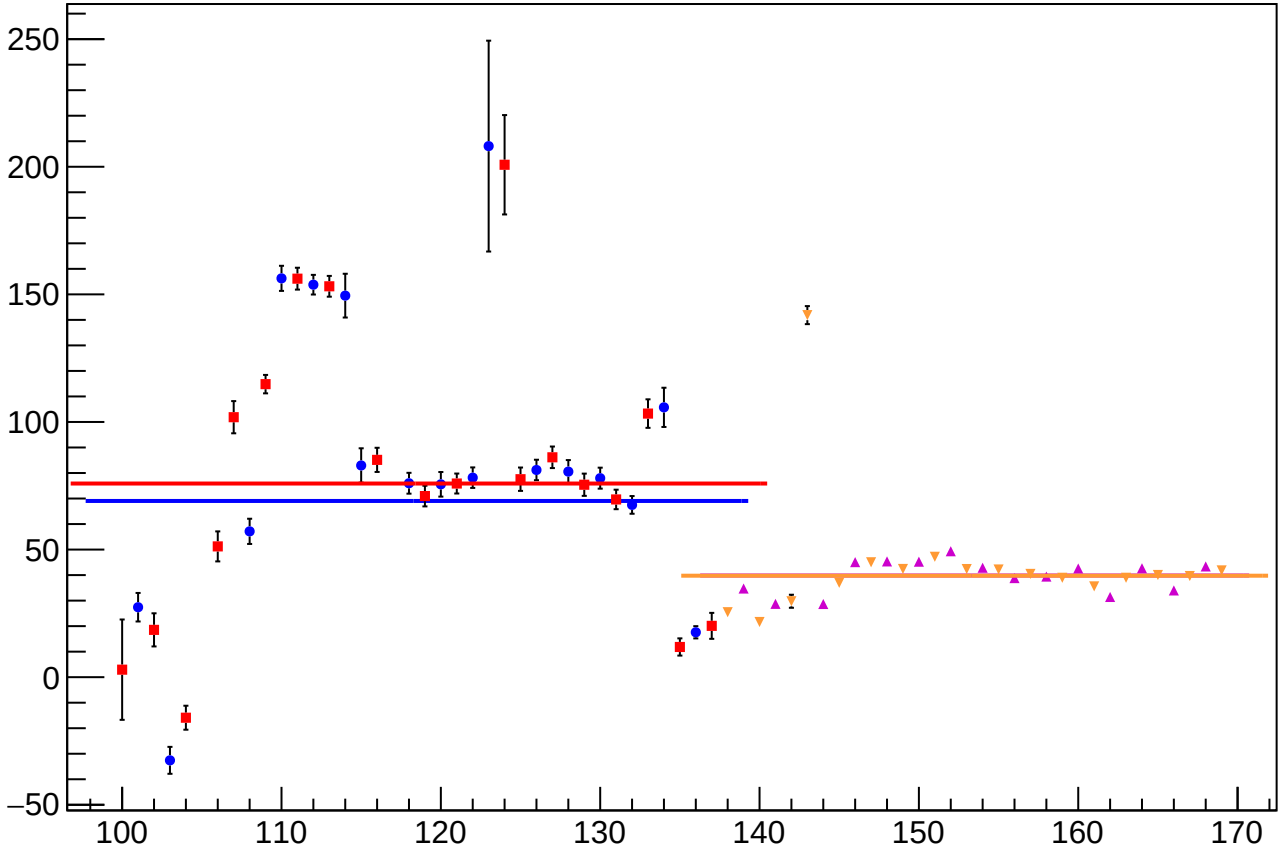
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -1.784+/-0.256 χ^2/NDF:308.2/31

Out: -1.824+/-0.249 χ^2/NDF:307.3/35

All: -1.804+/-0.178 χ^2/NDF: 615.5/67

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 39.762+/-0.381 χ^2/NDF:1131.4/16

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 39.837+/-0.385 χ^2/NDF:263.1/14

Left: 39.799+/-0.271 χ^2/NDF: 1394.5/31

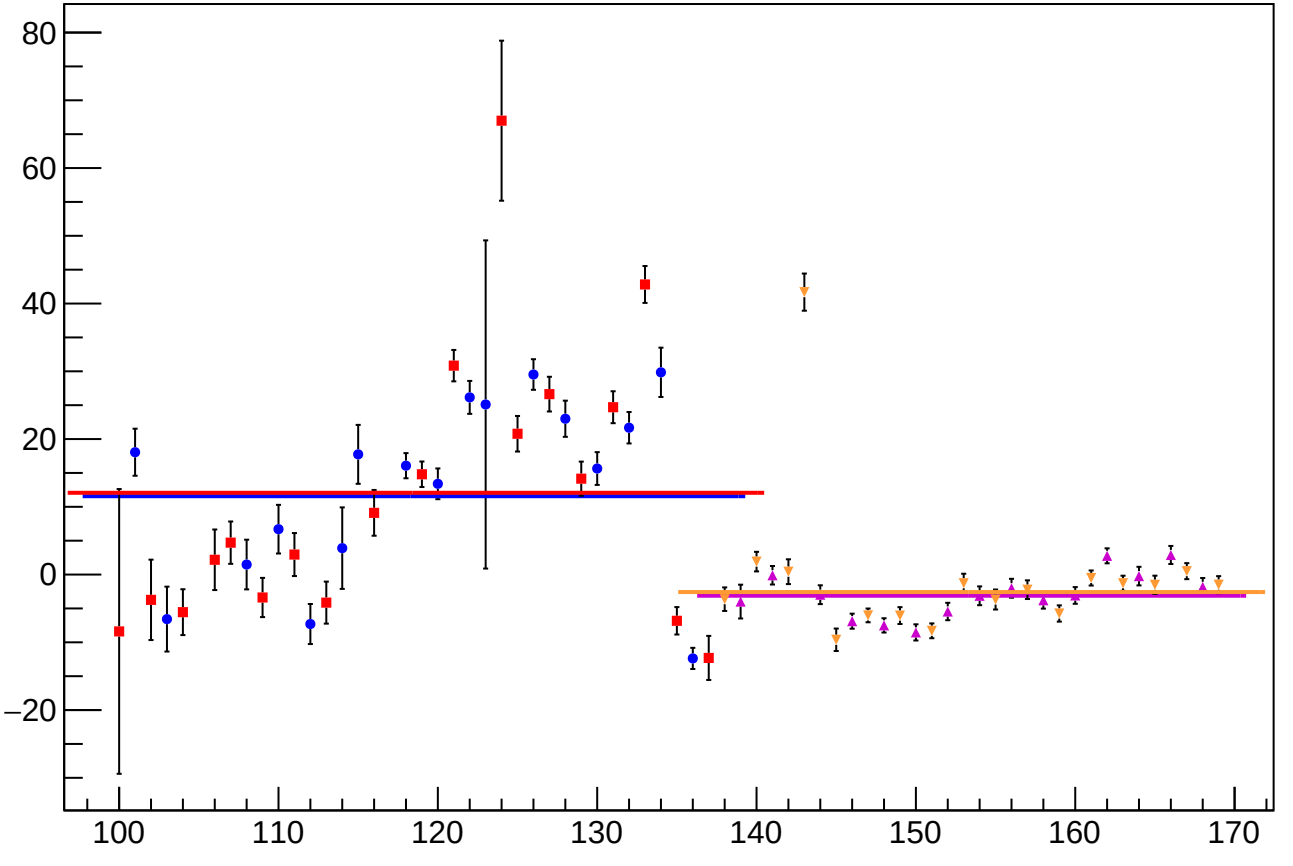
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 43.150+/-0.363 χ^2/NDF:2763.6/31

Out: 43.836+/-0.359 χ^2/NDF:4038.1/35

All: 43.496+/-0.255 χ^2/NDF: 6803.5/67

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: -2.580+/-0.320 χ^2/NDF:359.4/16

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -3.122+/-0.332 χ^2/NDF:112.6/14

Left: -2.841+/-0.230 χ^2/NDF: 473.3/31

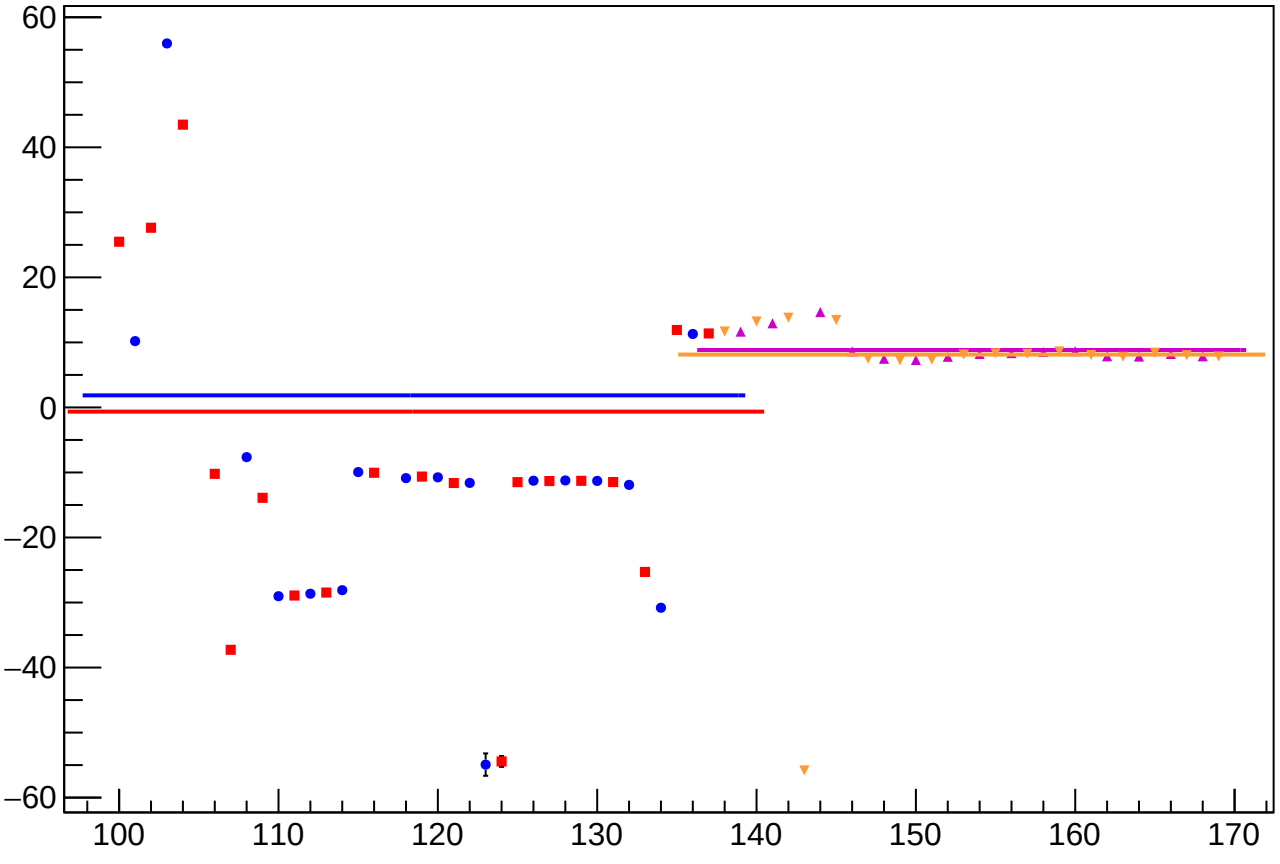
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: -0.143+/-0.296 χ^2/NDF:987.7/31

Out: 0.179+/-0.288 χ^2/NDF:1297.3/35

All: 0.022+/-0.207 χ^2/NDF: 2285.5/67

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 8.132+/-0.015 χ^2/NDF:222614.7/16

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 8.832+/-0.015 χ^2/NDF:14866.4/14

Left: 8.477+/-0.011 χ^2/NDF: 238563.9/31

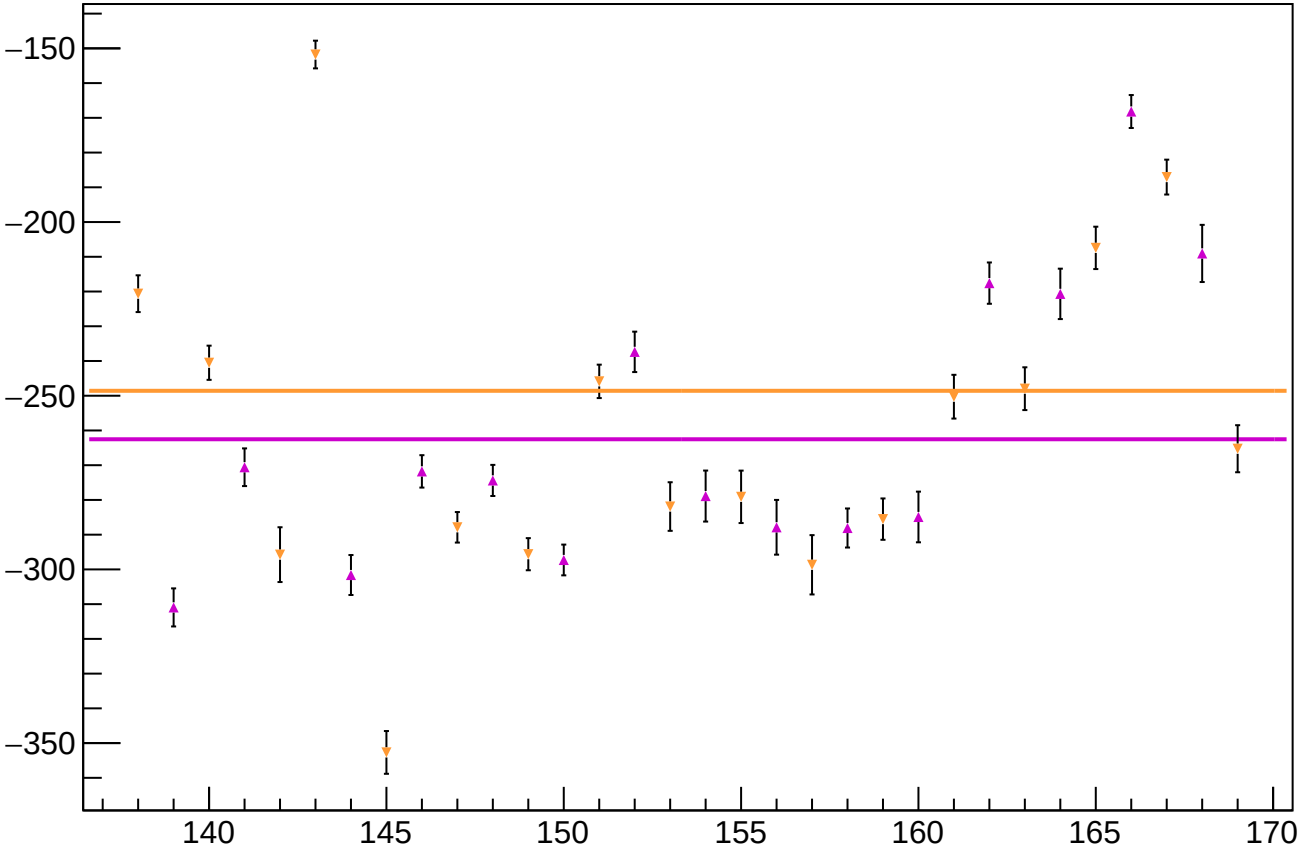
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.831+/-0.014 χ^2/NDF:404735.2/31

Out: 6.905+/-0.014 χ^2/NDF:632497.3/35

All: 7.362+/-0.010 χ^2/NDF: 1039439.7/67

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: -248.580+/-1.356 χ^2/NDF:1438.6/16

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

Left In: -262.532+/-1.466 χ^2/NDF:791.5/14

Left: -255.014+/-0.995 χ^2/NDF: 2278.9/31

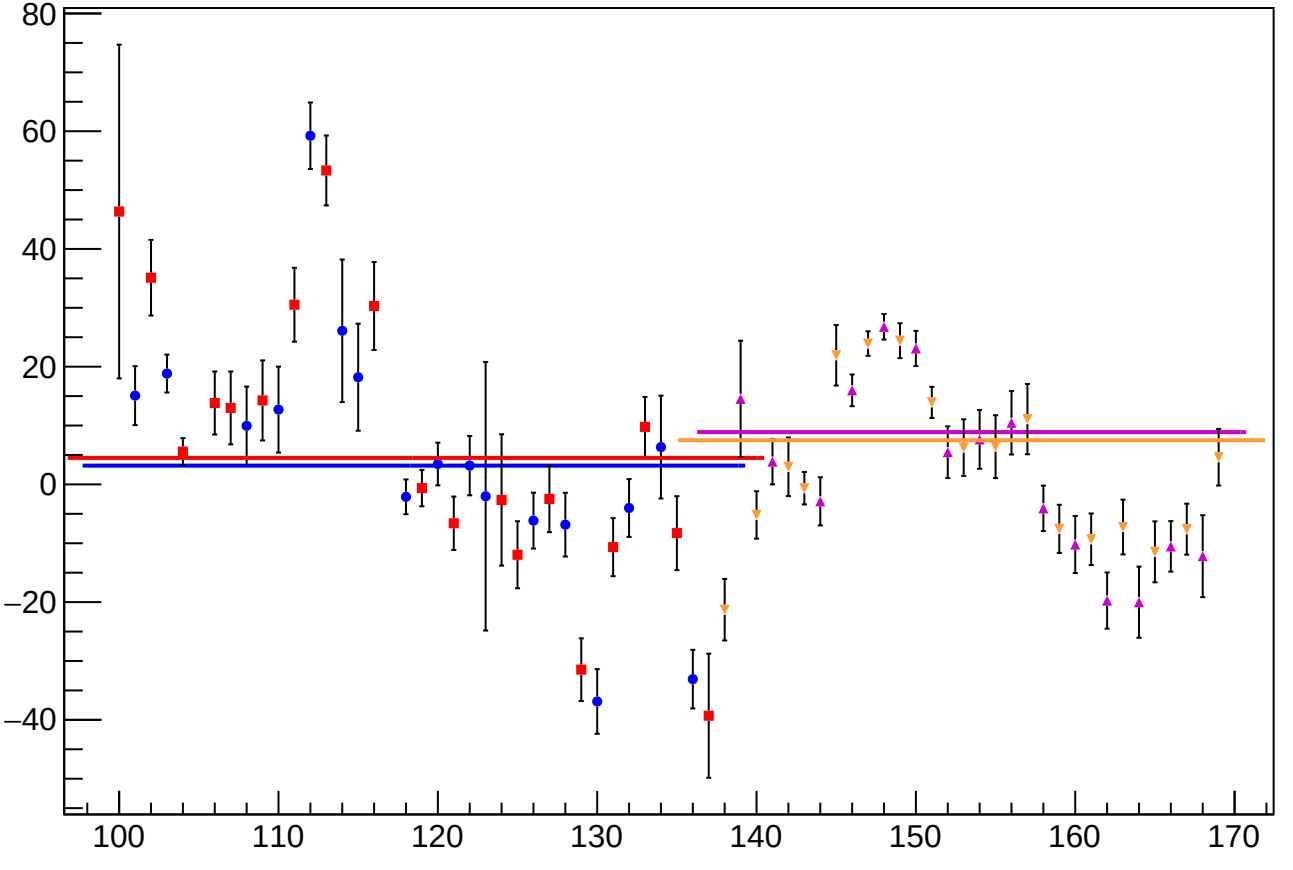
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -262.532+/-1.466 χ^2/NDF:791.5/14

Out: -248.580+/-1.356 χ^2/NDF:1438.6/16

All: -255.014+/-0.995 χ^2/NDF: 2278.9/31

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: 7.502+/-0.915 χ^2/NDF:223.3/16

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 8.886+/-1.009 χ^2/NDF:223.7/14

Left: 8.127+/-0.678 χ^2/NDF: 448.1/31

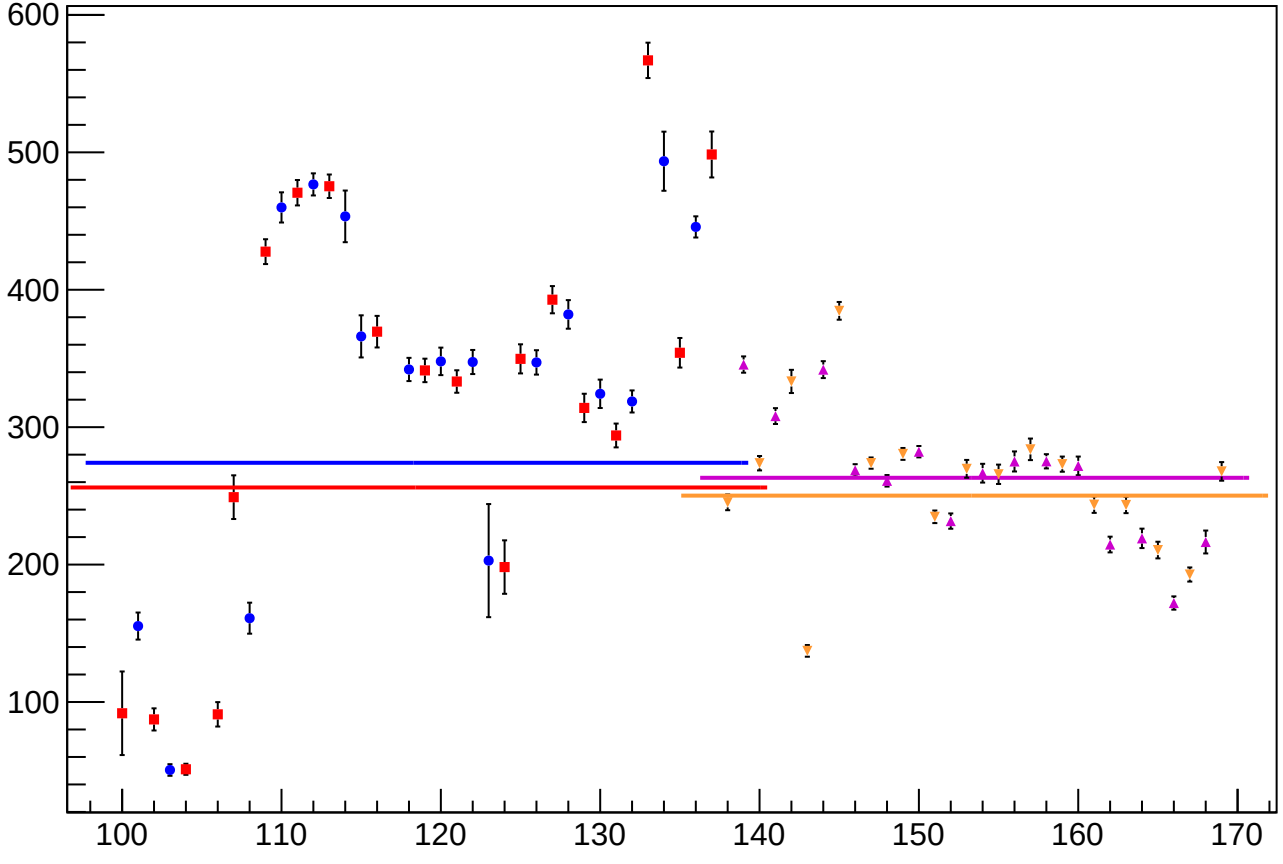
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 6.583+/-0.779 χ^2/NDF:492.3/31

Out: 6.349+/-0.718 χ^2/NDF:452.9/35

All: 6.457+/-0.528 χ^2/NDF: 945.2/67

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: 250.186+/-1.341 χ^2/NDF:1575.7/16

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 263.156+/-1.429 χ^2/NDF:979.9/14

Left: 256.255+/-0.978 χ^2/NDF: 2599.4/31

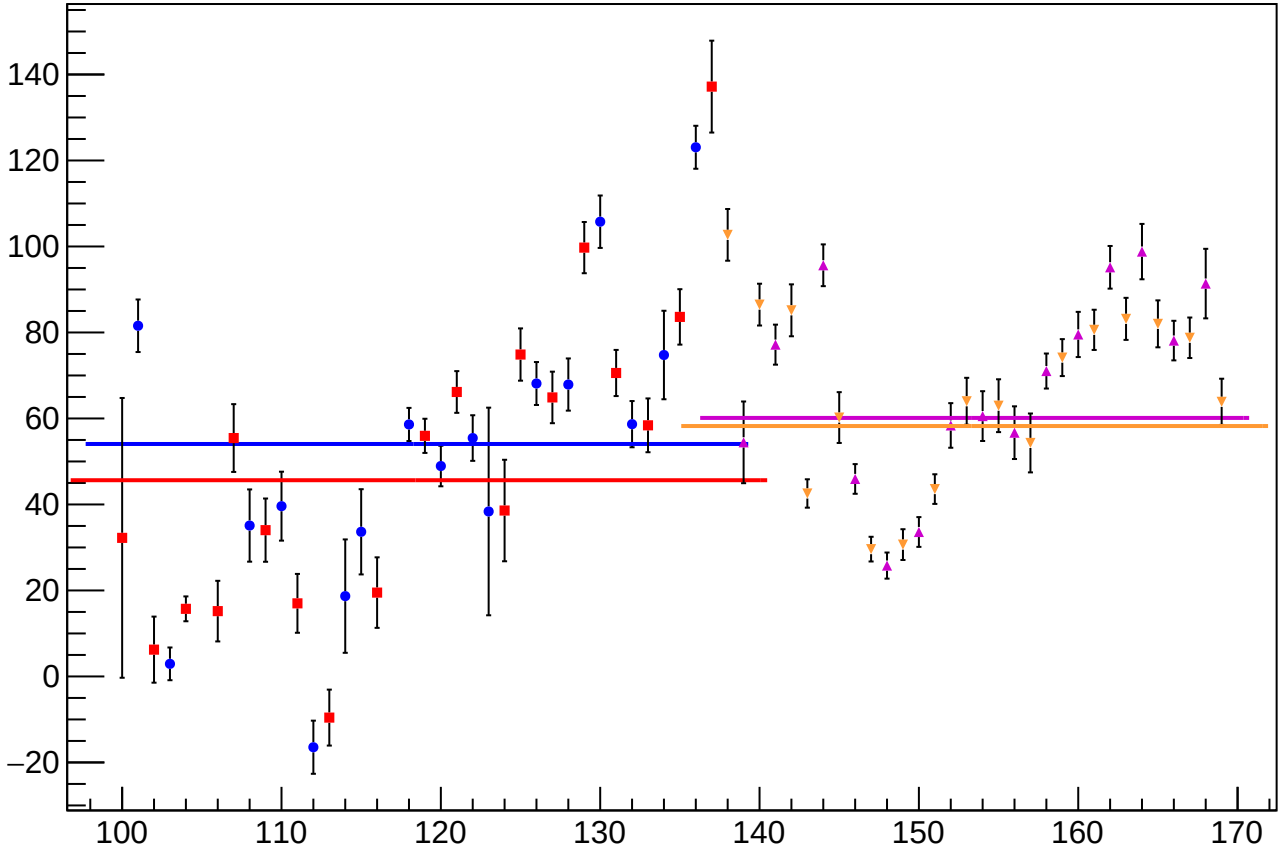
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 266.417+/-1.197 χ^2/NDF:6109.3/31

Out: 251.924+/-1.127 χ^2/NDF:8025.5/35

All: 258.733+/-0.821 χ^2/NDF: 14212.5/67

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: 58.239+/-1.093 χ^2/NDF:411.5/16

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 60.127+/-1.201 χ^2/NDF:408.1/14

Left: 59.094+/-0.808 χ^2/NDF: 820.9/31

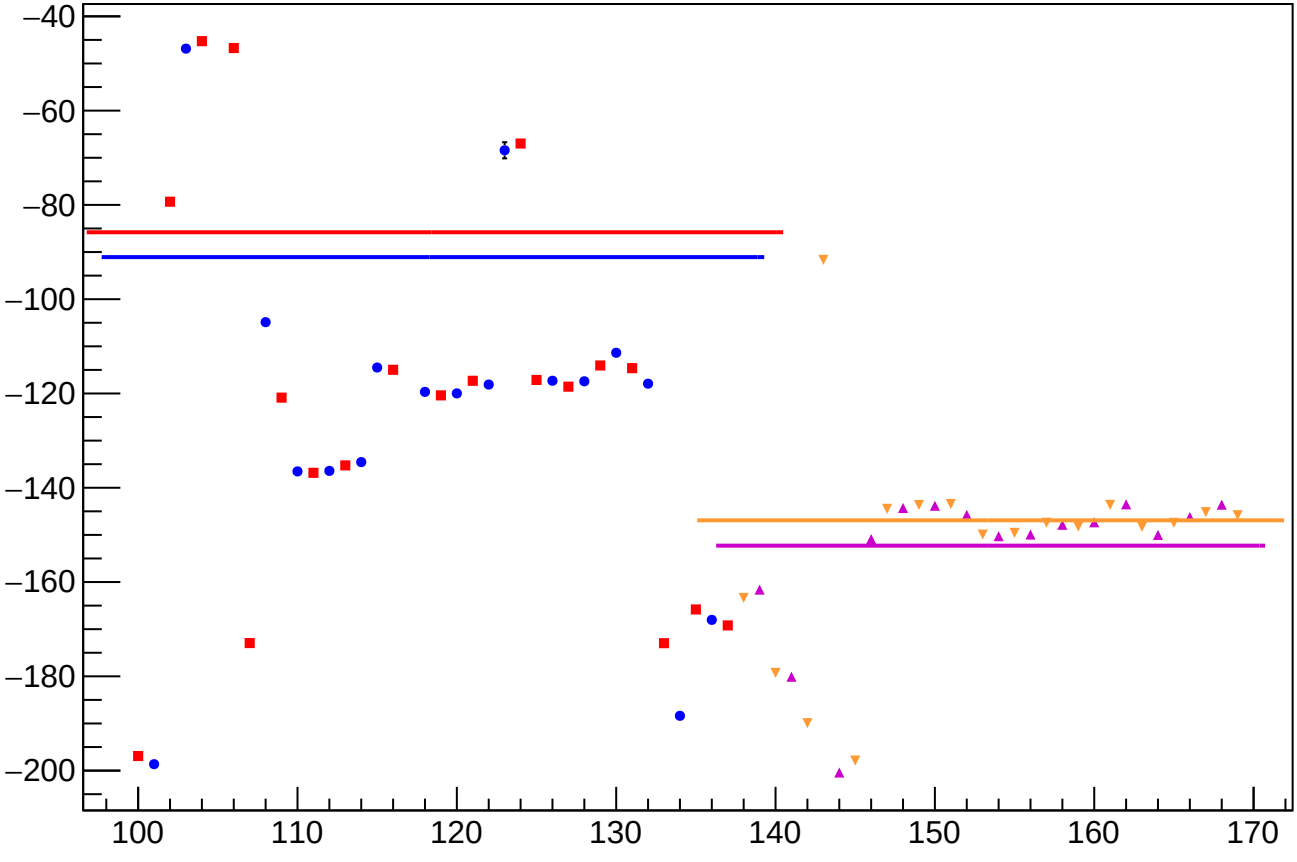
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 57.599+/-0.917 χ^2/NDF:1053.1/31

Out: 53.292+/-0.852 χ^2/NDF:994.5/35

All: 55.285+/-0.624 χ^2/NDF: 2059.4/67

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: -146.910+/-0.054 χ^2/NDF:187171.8/16

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -152.281+/-0.057 χ^2/NDF:57492.3/14

Left: -149.427+/-0.039 χ^2/NDF: 249321.3/31

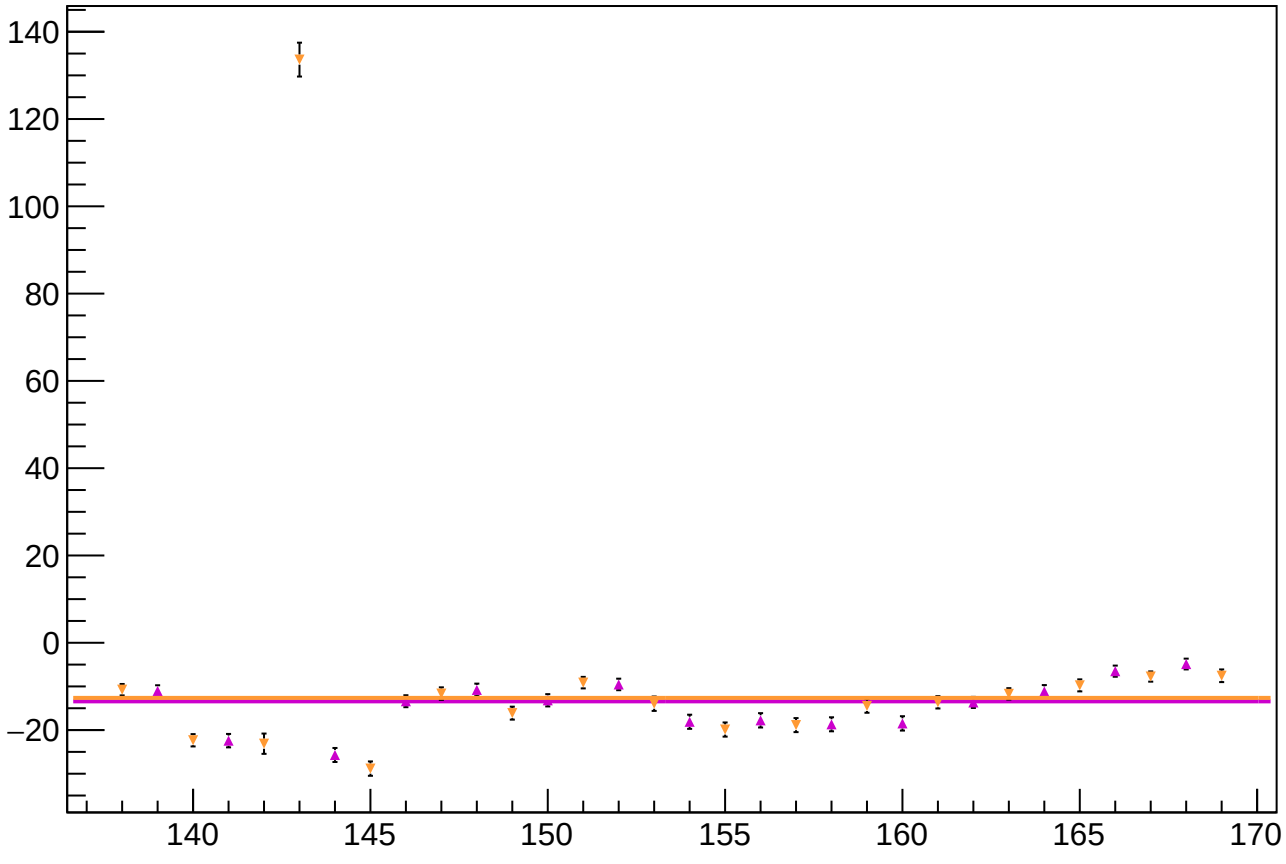
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -126.621+/-0.044 χ^2/NDF:1069253.5/31

Out: -122.042+/-0.041 χ^2/NDF:1206536.0/35

All: -124.212+/-0.030 χ^2/NDF: 2281560.2/67

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: -12.627+/-0.364 χ^2/NDF:1671.2/16

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

Left In: -13.424+/-0.368 χ^2/NDF:223.2/14

Left: -13.021+/-0.259 χ^2/NDF: 1896.8/31

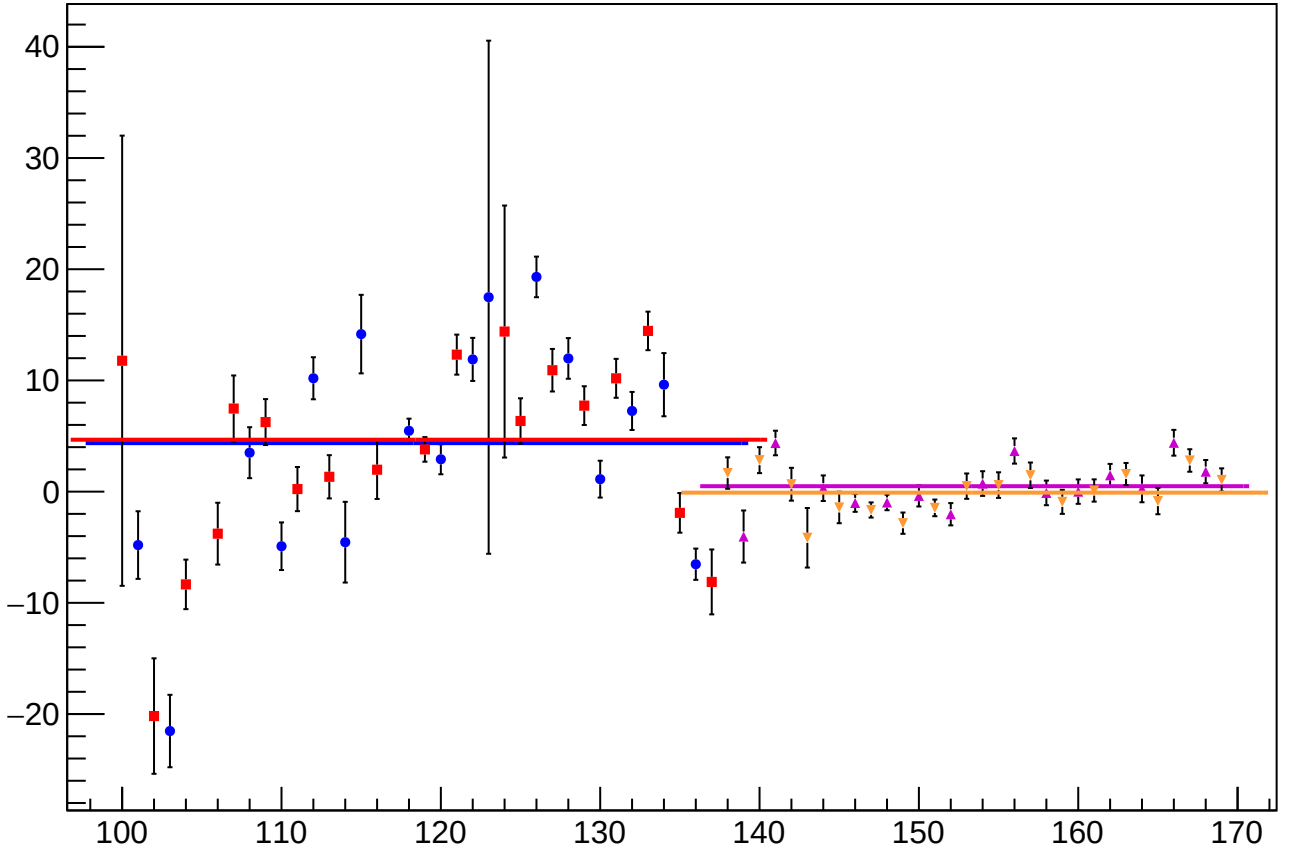
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.424+/-0.368 χ^2/NDF:223.2/14

Out: -12.627+/-0.364 χ^2/NDF:1671.2/16

All: -13.021+/-0.259 χ^2/NDF: 1896.8/31

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: -0.090+/-0.257 χ^2/NDF:43.8/16

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.489+/-0.267 χ^2/NDF:53.5/14

Left: 0.189+/-0.185 χ^2/NDF: 99.7/31

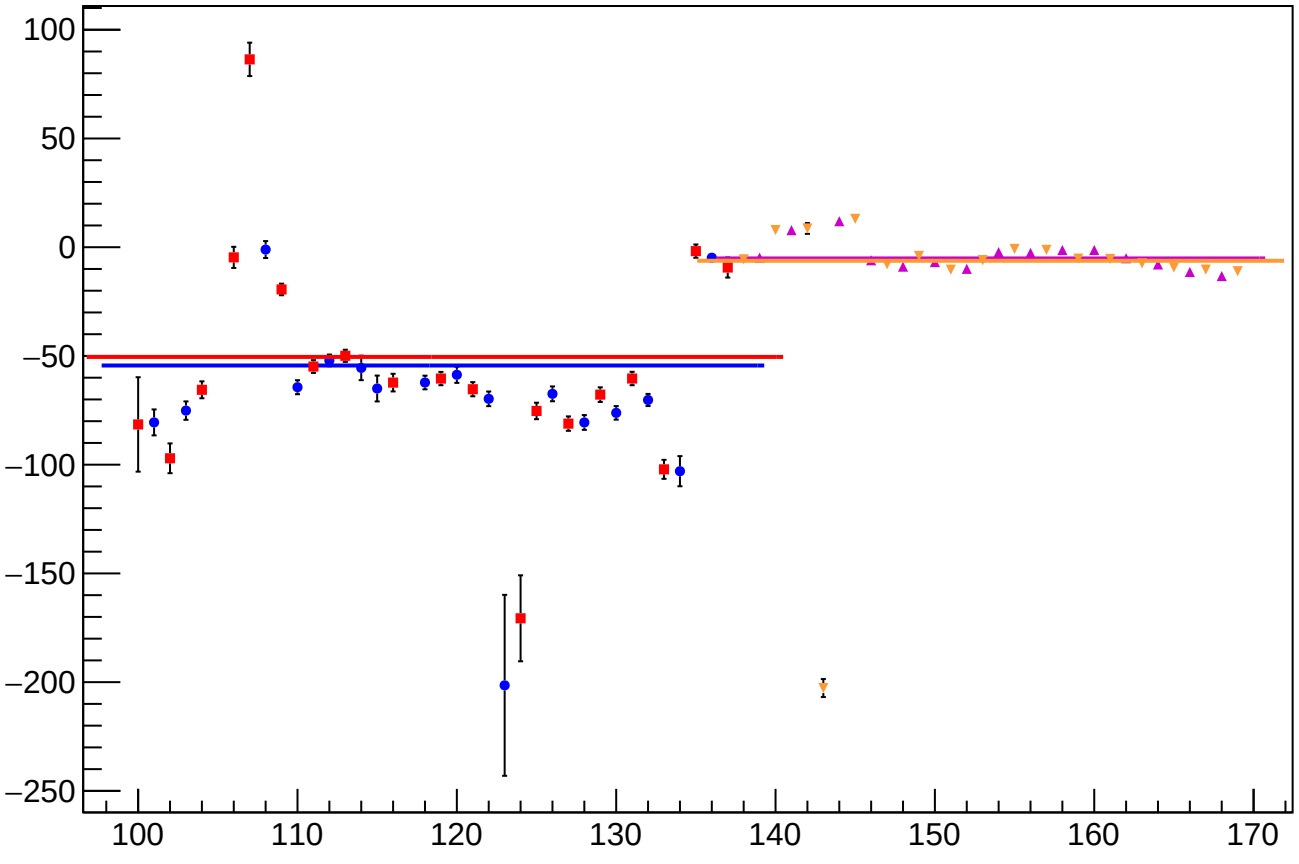
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.452+/-0.232 χ^2/NDF:392.2/31

Out: 0.992+/-0.226 χ^2/NDF:307.0/35

All: 1.216+/-0.162 χ^2/NDF: 701.3/67

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: -6.232+/-0.357 χ^2/NDF:2568.4/16

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -5.166+/-0.360 χ^2/NDF:275.2/14

Left: -5.704+/-0.253 χ^2/NDF: 2848.0/31

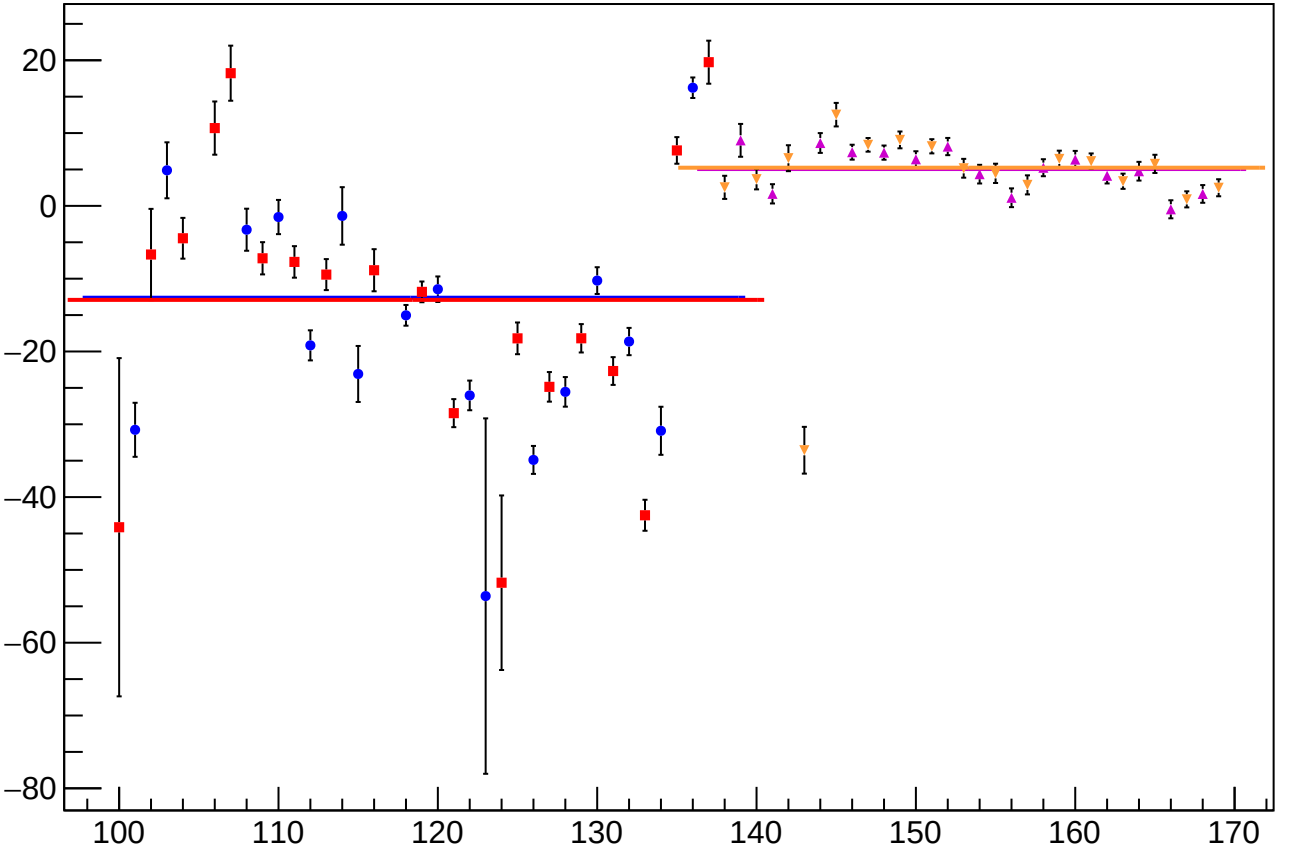
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -12.474+/-0.332 χ^2/NDF:4062.3/31

Out: -12.753+/-0.329 χ^2/NDF:6159.6/35

All: -12.615+/-0.234 χ^2/NDF: 10222.2/67

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 5.243+/-0.299 χ^2/NDF:232.1/16

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 5.060+/-0.311 χ^2/NDF:74.8/14

Left: 5.155+/-0.216 χ^2/NDF: 307.0/31

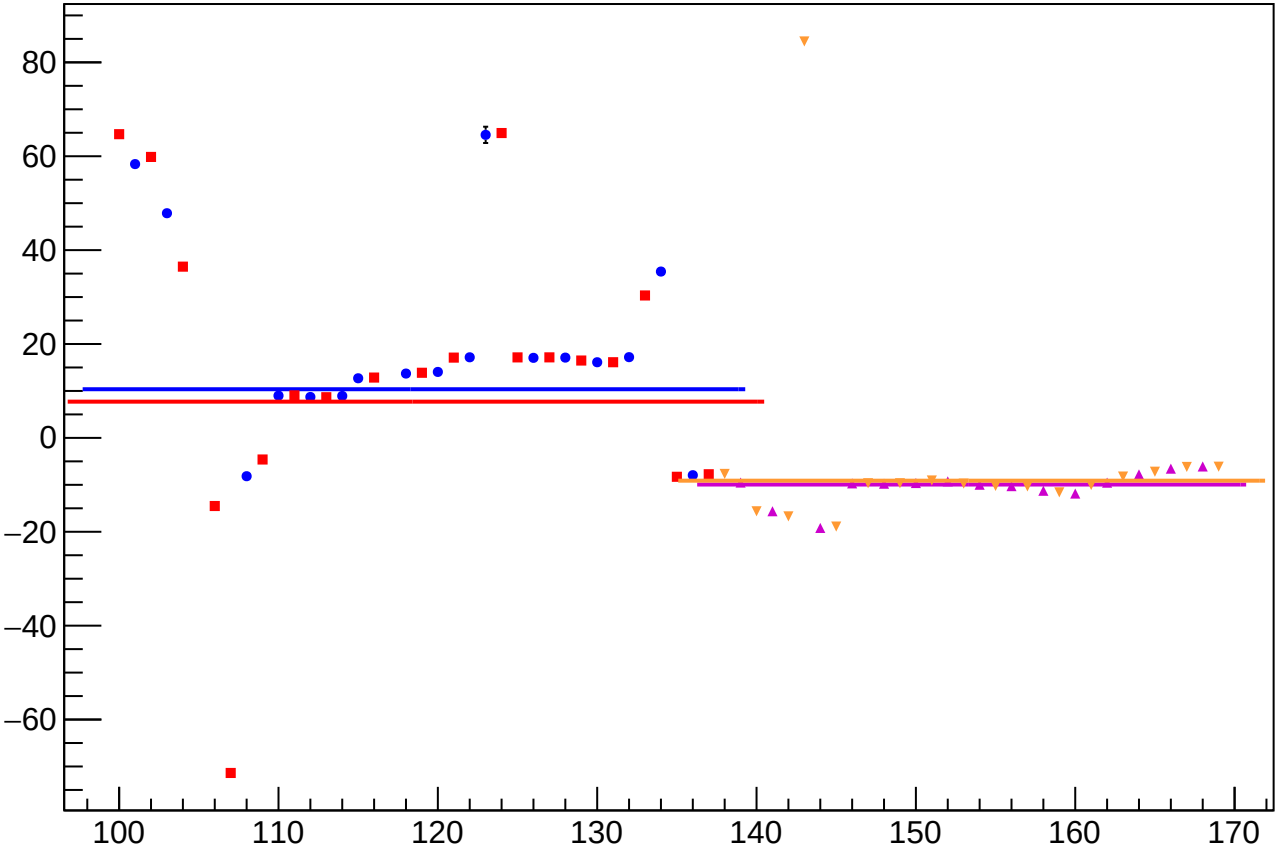
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: 0.529+/-0.268 χ^2/NDF:1689.6/31

Out: 0.951+/-0.262 χ^2/NDF:1831.2/35

All: 0.745+/-0.187 χ^2/NDF: 3522.1/67

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -9.117+/-0.014 χ^2/NDF:366801.2/16

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -9.936+/-0.014 χ^2/NDF:36228.4/14

Left: -9.521+/-0.010 χ^2/NDF: 404727.0/31

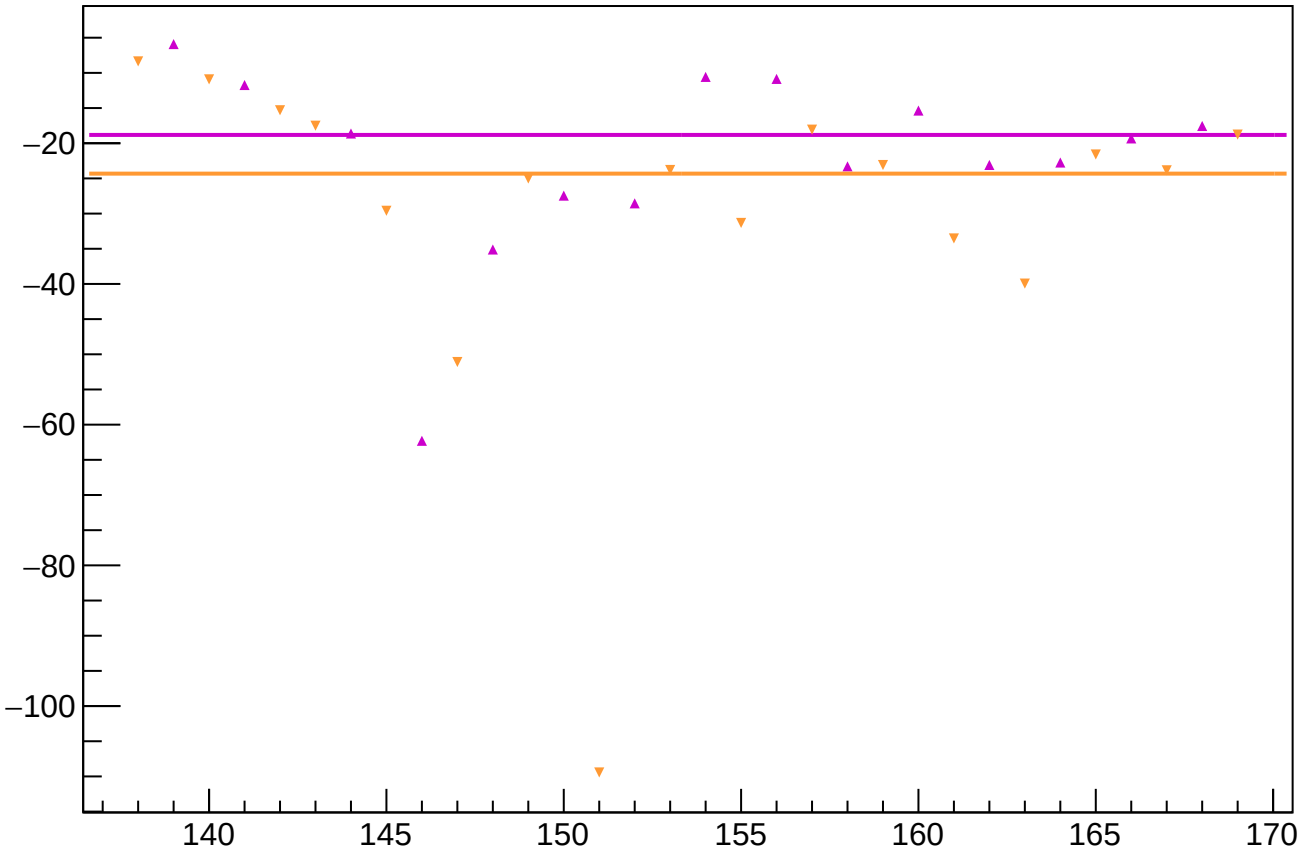
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -6.345+/-0.013 χ^2/NDF:781052.3/31

Out: -6.314+/-0.013 χ^2/NDF:1153739.8/35

All: -6.329+/-0.009 χ^2/NDF: 1934795.0/67

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: -24.321+/-0.058 χ^2/NDF:57760.3/16

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

Left In: -18.819+/-0.052 χ^2/NDF:37929.8/14

Left: -21.256+/-0.039 χ^2/NDF: 100634.5/31

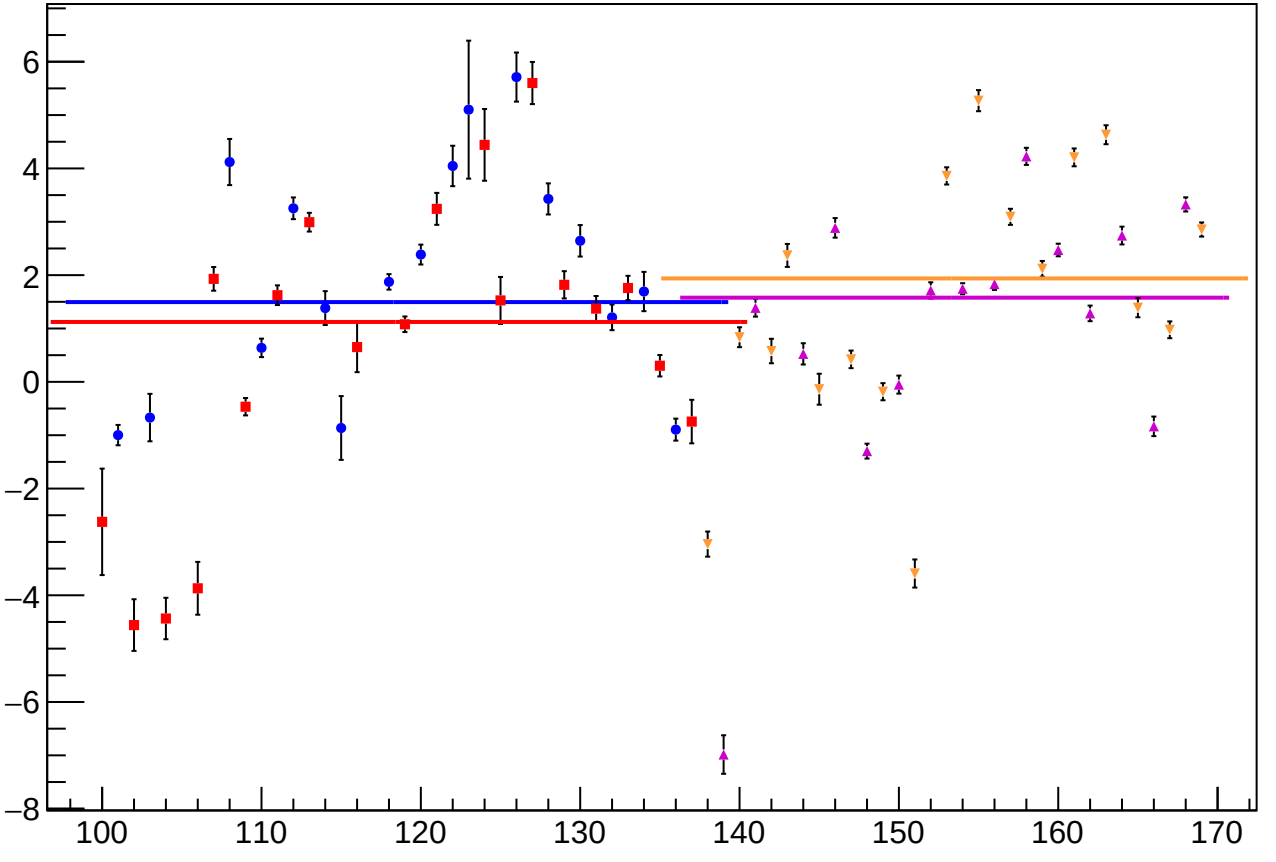
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.819+/-0.052 χ^2/NDF:37929.8/14

Out: -24.321+/-0.058 χ^2/NDF:57760.3/16

All: -21.256+/-0.039 χ^2/NDF: 100634.5/31

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: 1.939+/-0.043 χ^2/NDF:2268.0/16

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.578+/-0.038 χ^2/NDF:1896.3/14

Left: 1.737+/-0.029 χ^2/NDF: 4203.5/31

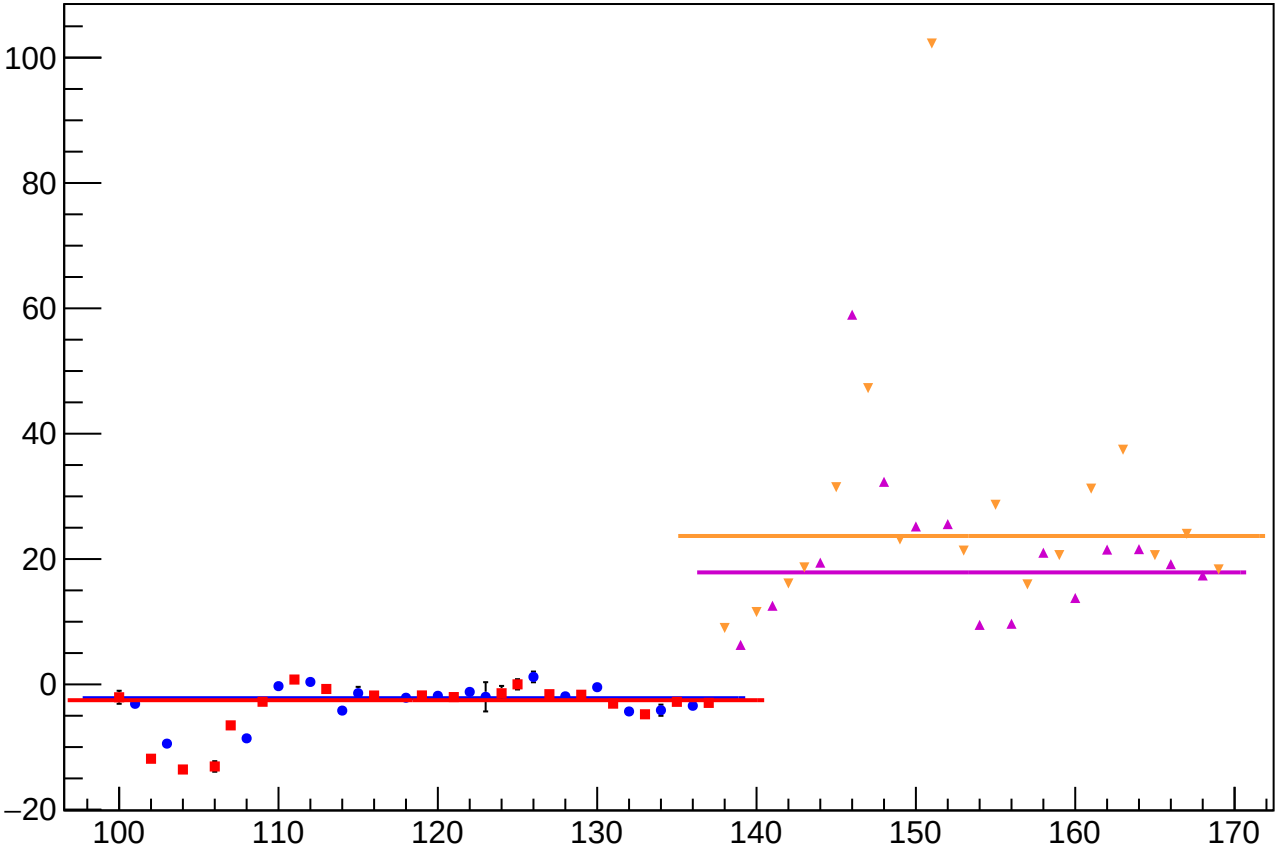
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.555+/-0.032 χ^2/NDF:2606.4/31

Out: 1.650+/-0.035 χ^2/NDF:3341.5/35

All: 1.599+/-0.024 χ^2/NDF: 5951.9/67

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: 23.679+/-0.057 χ^2/NDF:51754.6/16

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 17.870+/-0.050 χ^2/NDF:35762.6/14

Left: 20.399+/-0.038 χ^2/NDF: 93282.3/31

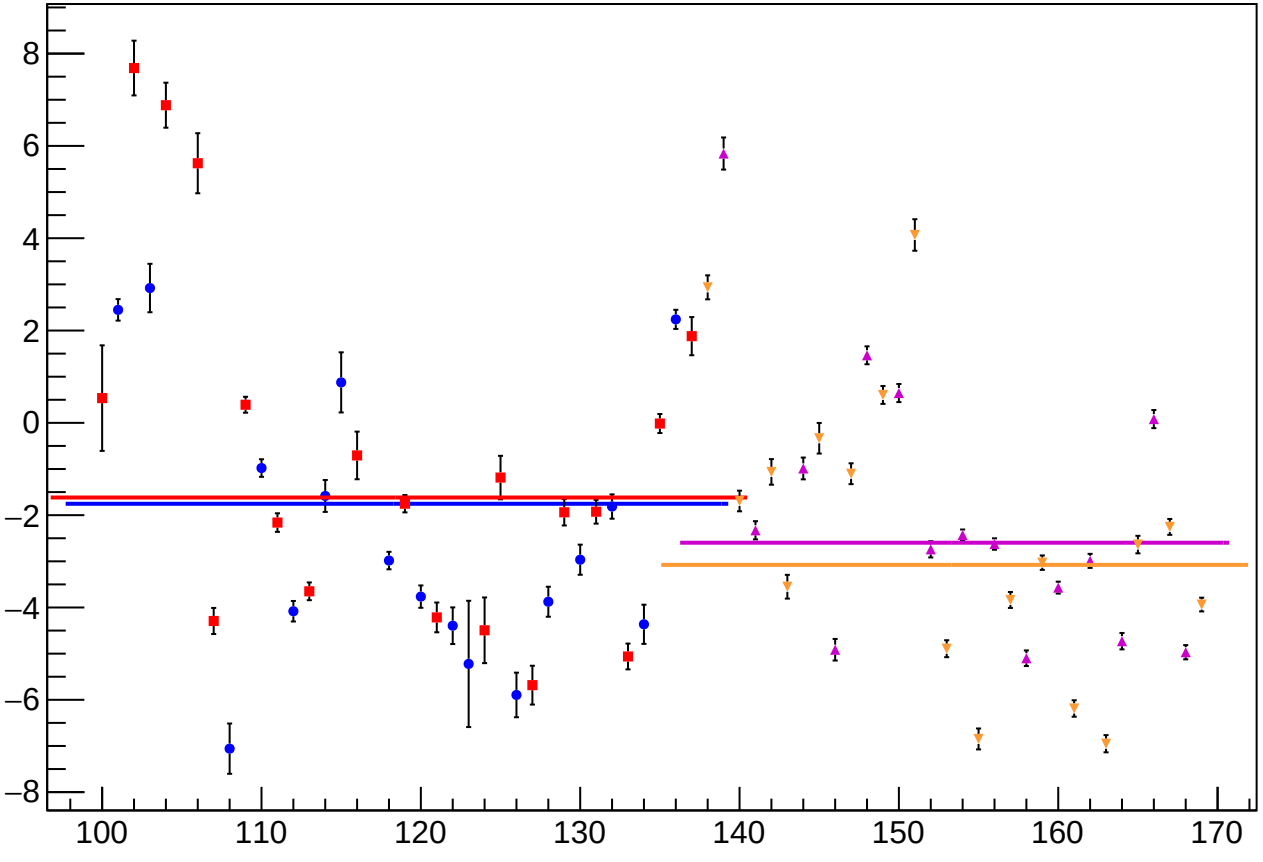
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 14.409+/-0.046 χ^2/NDF:63481.2/31

Out: 17.067+/-0.050 χ^2/NDF:105068.0/35

All: 15.633+/-0.034 χ^2/NDF: 170092.1/67

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: -3.077+/-0.049 χ^2/NDF:2767.9/16

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -2.597+/-0.043 χ^2/NDF:2299.3/14

Left: -2.809+/-0.033 χ^2/NDF: 5121.0/31

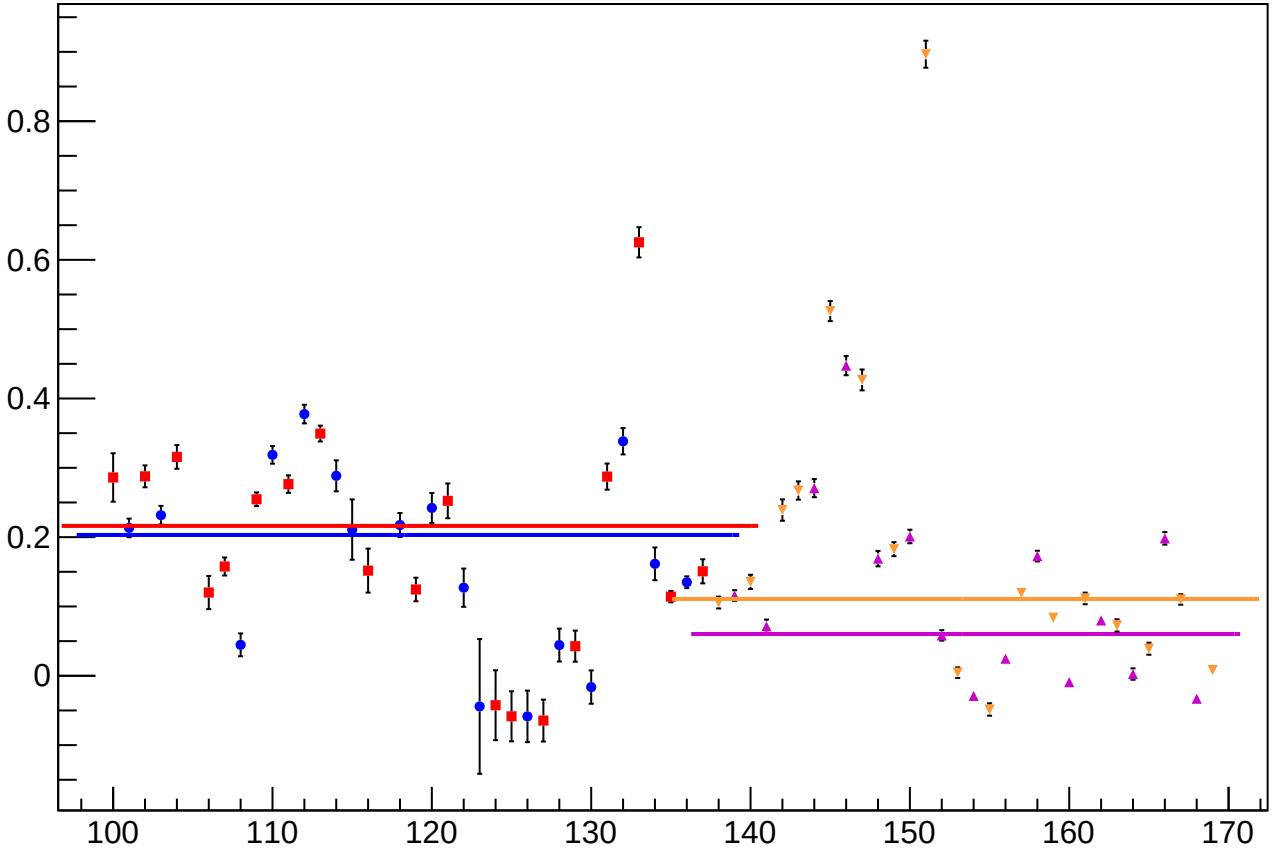
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -2.363+/-0.037 χ^2/NDF:3748.5/31

Out: -2.556+/-0.039 χ^2/NDF:4572.8/35

All: -2.454+/-0.027 χ^2/NDF: 8334.1/67

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: 0.111+/-0.002 χ^2/NDF:3989.3/16

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.060+/-0.002 χ^2/NDF:2660.3/14

Left: 0.082+/-0.001 χ^2/NDF: 6952.9/31

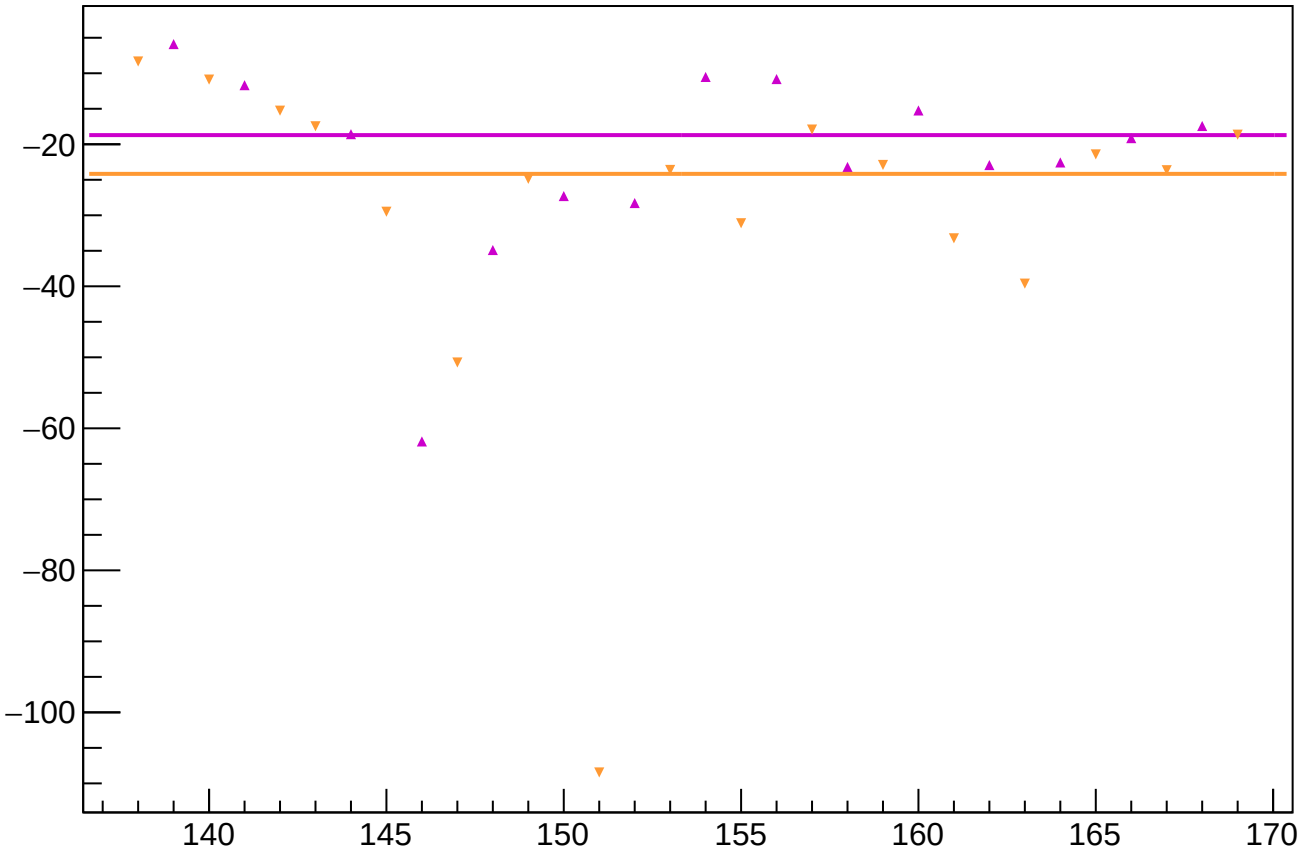
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.085+/-0.002 χ^2/NDF:4326.3/31

Out: 0.139+/-0.002 χ^2/NDF:5656.7/35

All: 0.109+/-0.001 χ^2/NDF: 10421.8/67

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -24.167+/-0.058 χ^2/NDF:57580.7/16

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

Left In: -18.709+/-0.052 χ^2/NDF:37843.5/14

Left: -21.128+/-0.039 χ^2/NDF: 100352.6/31

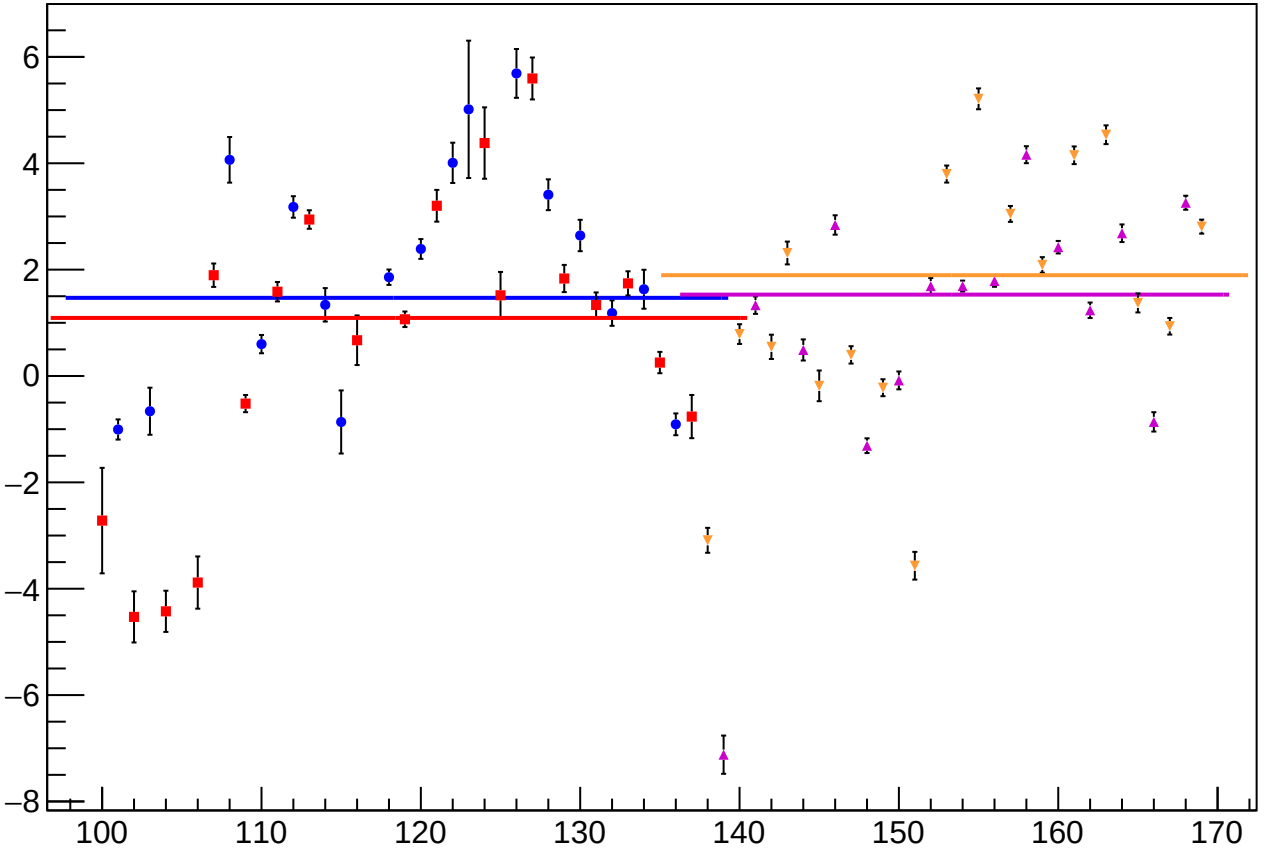
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.709+/-0.052 χ^2/NDF:37843.5/14

Out: -24.167+/-0.058 χ^2/NDF:57580.7/16

All: -21.128+/-0.039 χ^2/NDF: 100352.6/31

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: 1.896+/-0.043 χ^2/NDF:2267.5/16

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 1.530+/-0.038 χ^2/NDF:1906.7/14

Left: 1.691+/-0.028 χ^2/NDF: 4215.0/31

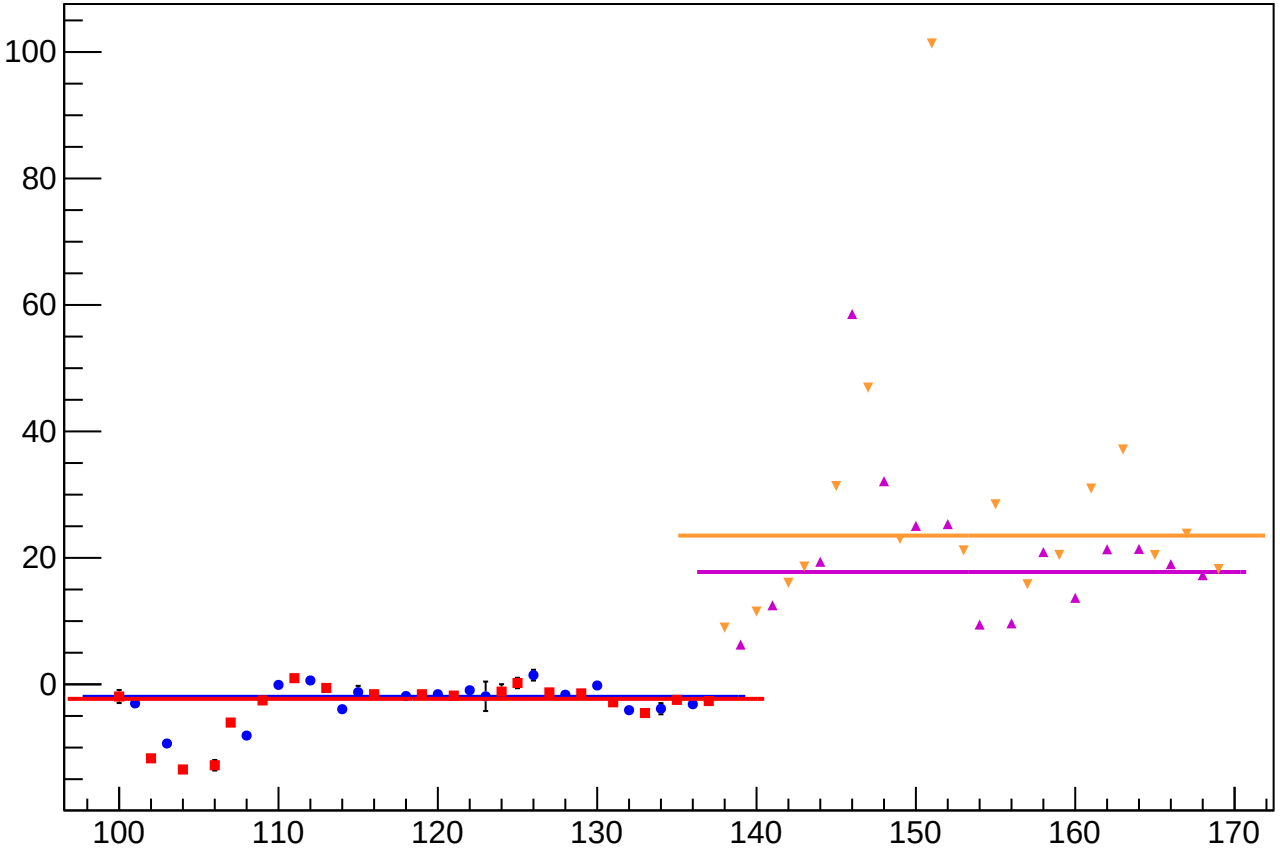
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.513+/-0.032 χ^2/NDF:2615.3/31

Out: 1.612+/-0.034 χ^2/NDF:3344.1/35

All: 1.559+/-0.024 χ^2/NDF: 5963.8/67

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: 23.526+/-0.057 χ^2/NDF:51617.7/16

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.766+/-0.050 χ^2/NDF:35688.2/14

Left: 20.274+/-0.038 χ^2/NDF: 93048.0/31

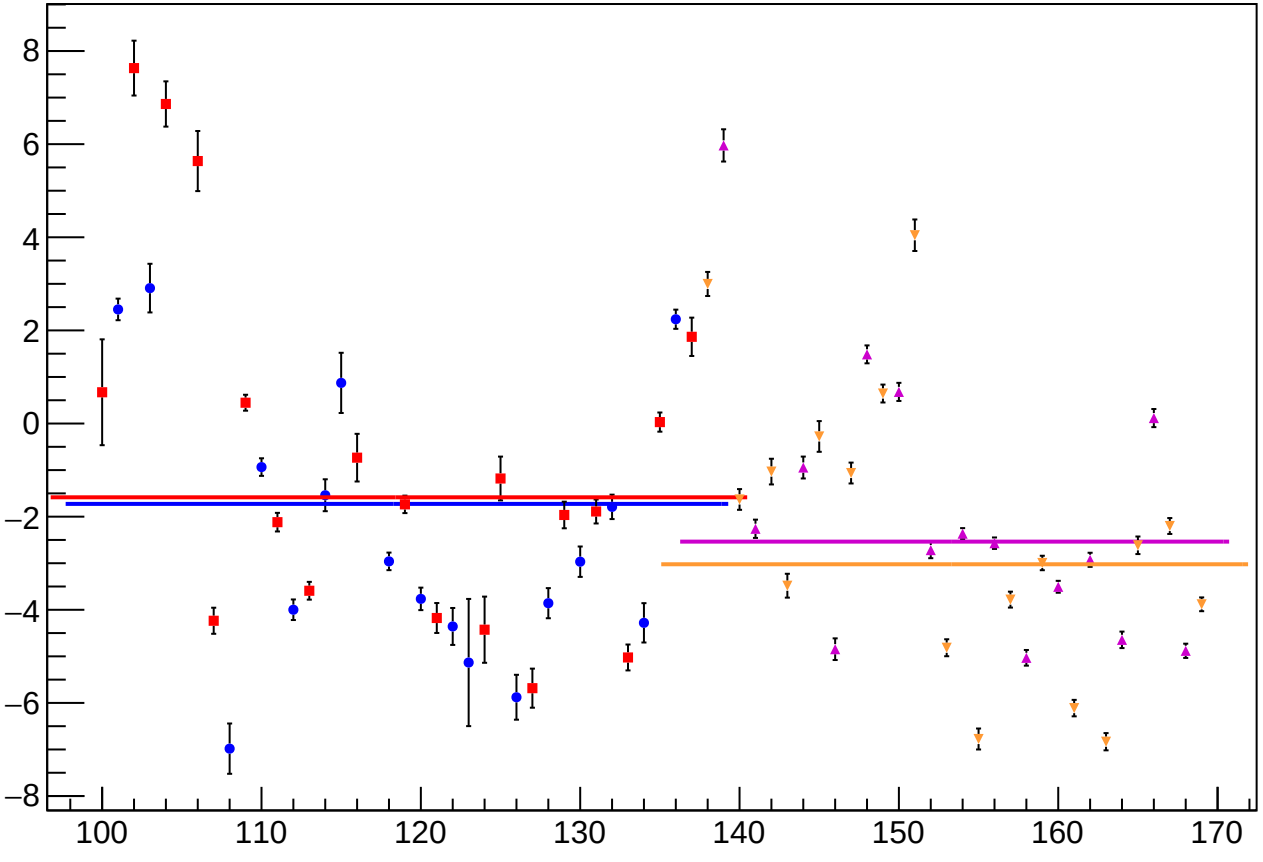
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 14.368+/-0.046 χ^2/NDF:62801.0/31

Out: 17.022+/-0.049 χ^2/NDF:104004.9/35

All: 15.590+/-0.034 χ^2/NDF: 168362.2/67

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: -3.022+/-0.049 χ^2/NDF:2766.1/16

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -2.536+/-0.043 χ^2/NDF:2310.4/14

Left: -2.751+/-0.032 χ^2/NDF: 5132.3/31

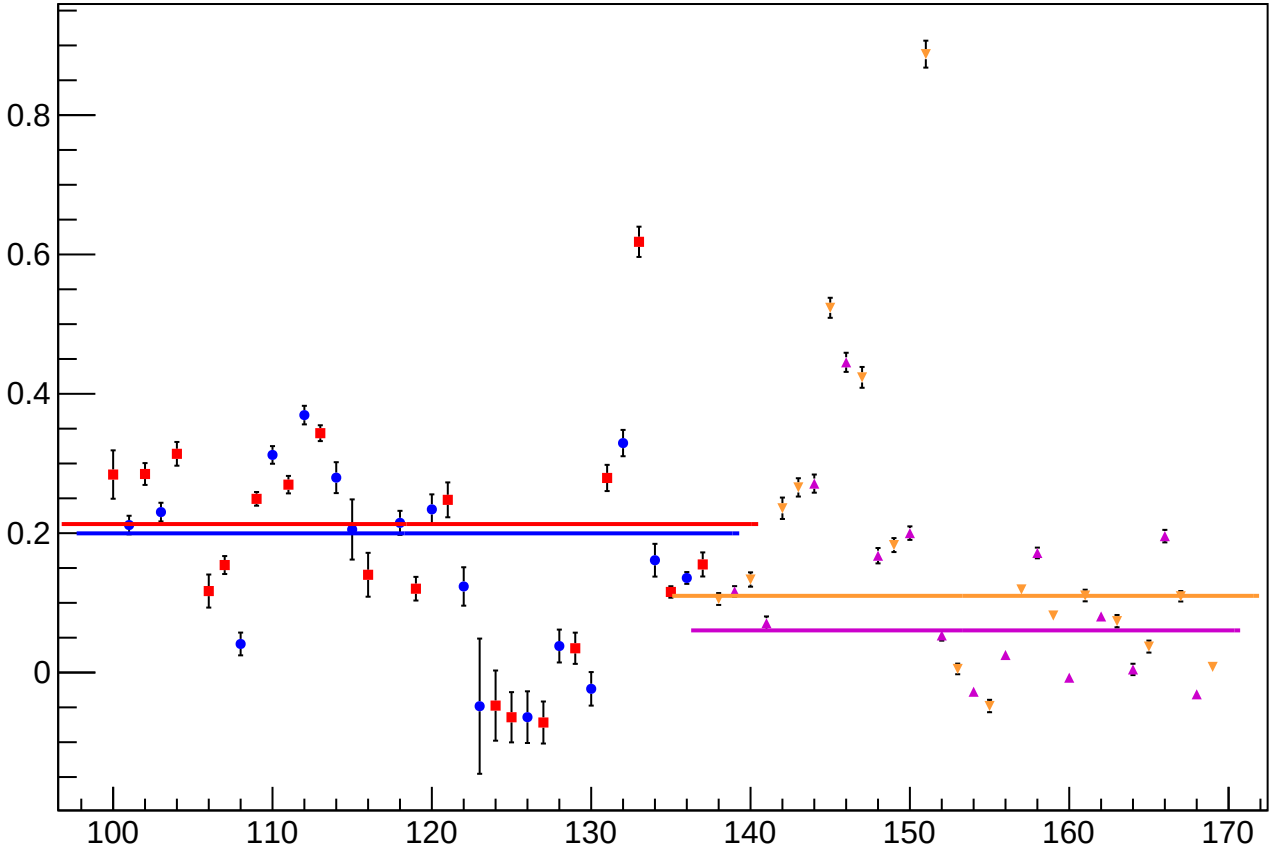
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -2.312+/-0.037 χ^2/NDF:3748.9/31

Out: -2.511+/-0.039 χ^2/NDF:4570.2/35

All: -2.406+/-0.027 χ^2/NDF: 8332.8/67

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: 0.110+/-0.002 χ^2/NDF:3984.3/16

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.060+/-0.002 χ^2/NDF:2641.0/14

Left: 0.081+/-0.001 χ^2/NDF: 6920.6/31

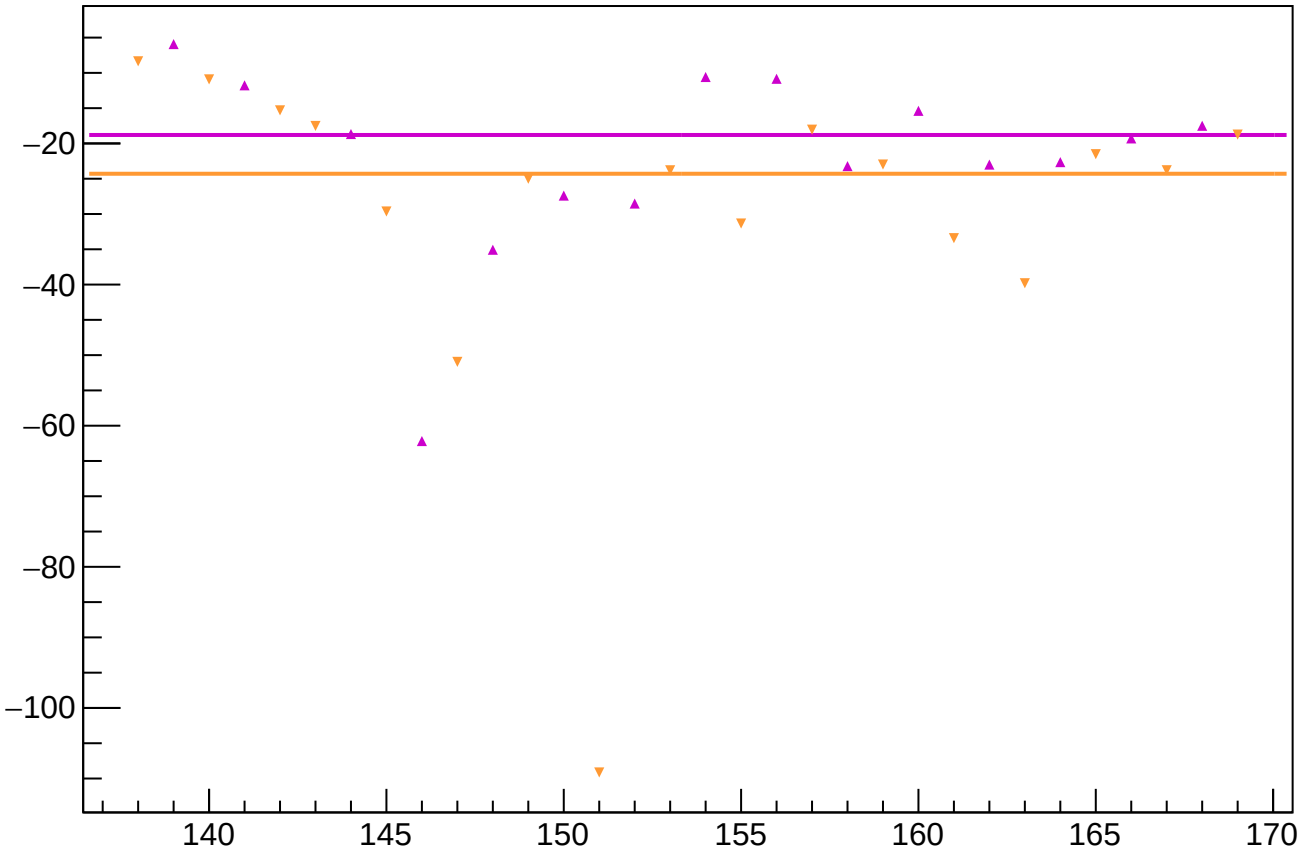
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.085+/-0.002 χ^2/NDF:4252.5/31

Out: 0.137+/-0.002 χ^2/NDF:5615.1/35

All: 0.108+/-0.001 χ^2/NDF: 10295.3/67

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: -24.295+/-0.058 χ^2/NDF:57709.9/16

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

Left In: -18.800+/-0.052 χ^2/NDF:37903.9/14

Left: -21.234+/-0.039 χ^2/NDF: 100568.4/31

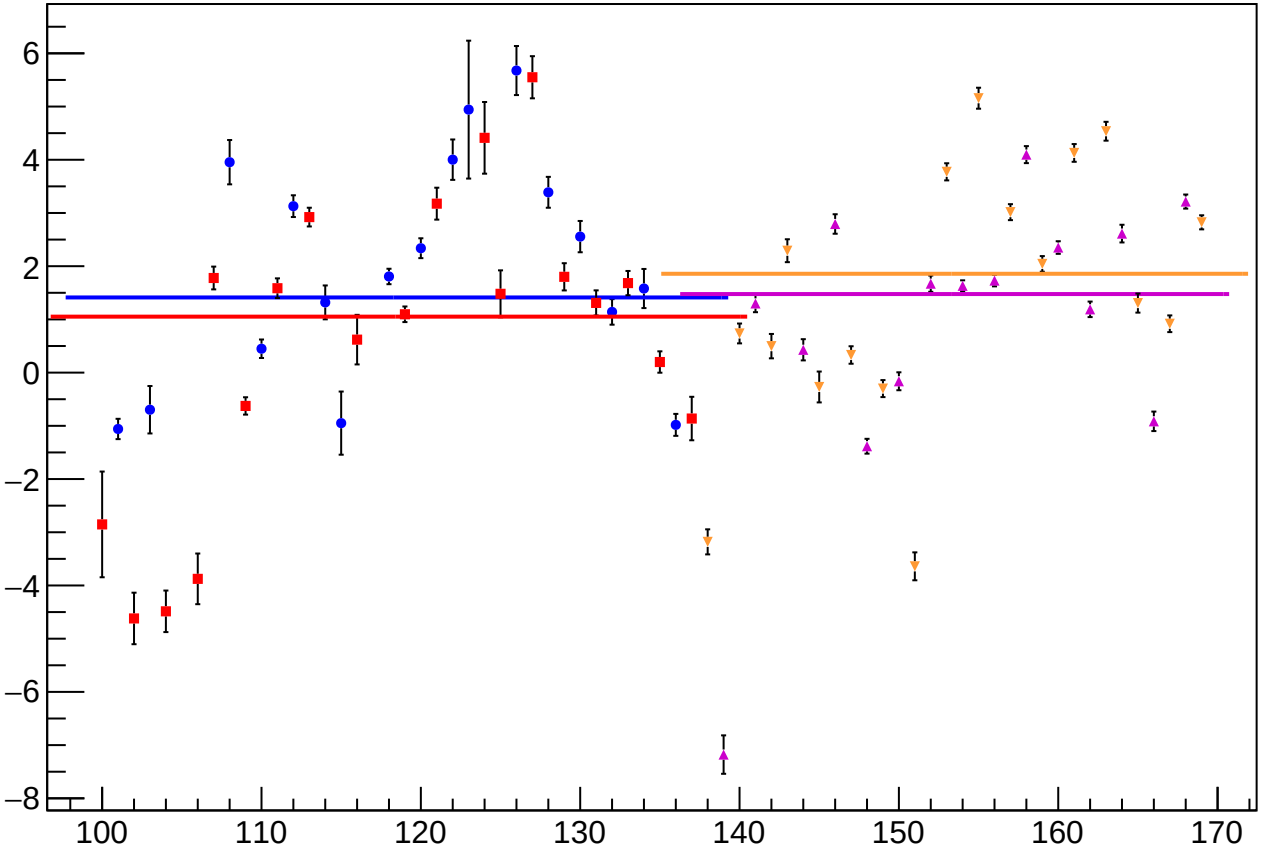
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.800+/-0.052 χ^2/NDF:37903.9/14

Out: -24.295+/-0.058 χ^2/NDF:57709.9/16

All: -21.234+/-0.039 χ^2/NDF: 100568.4/31

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: 1.857+/-0.043 χ^2/NDF:2290.2/16

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 1.476+/-0.038 χ^2/NDF:1897.3/14

Left: 1.644+/-0.029 χ^2/NDF: 4231.5/31

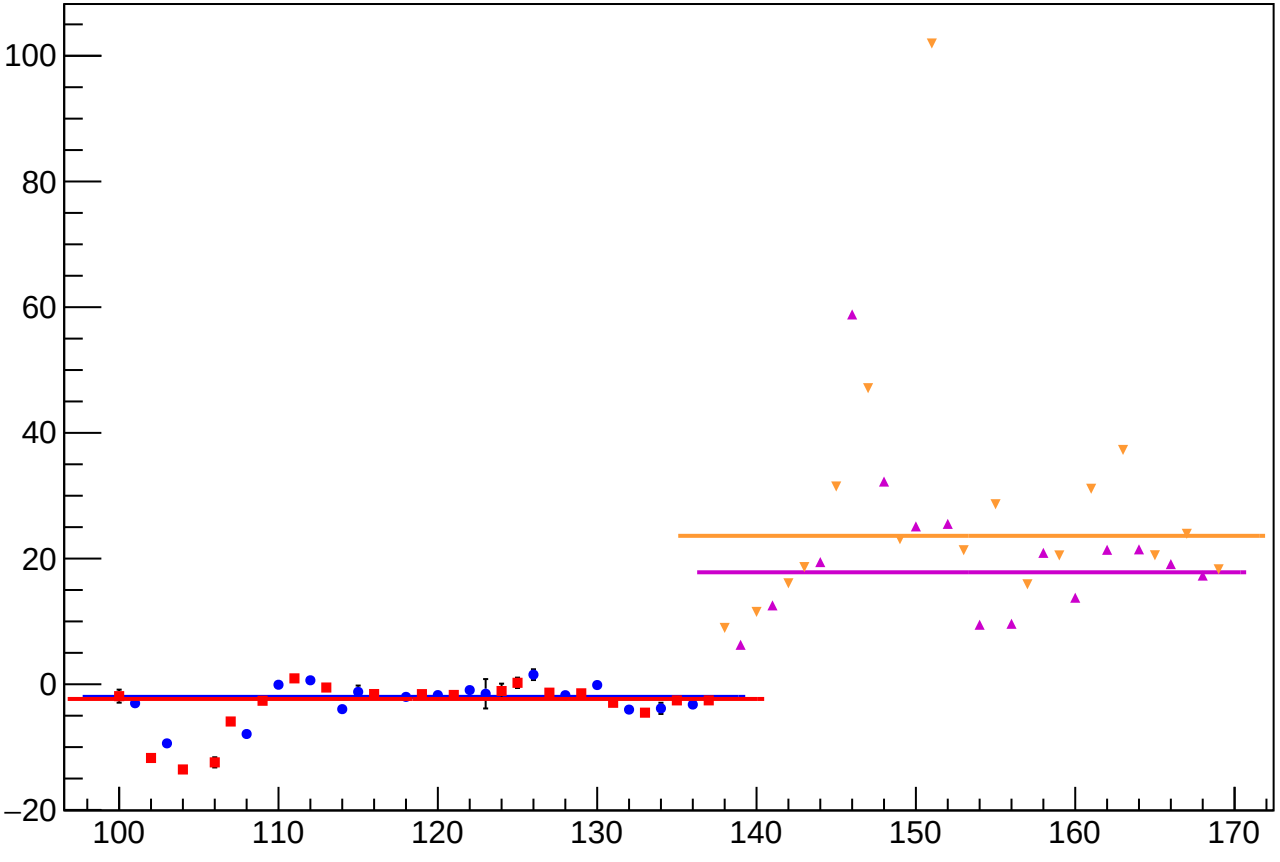
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.459+/-0.032 χ^2/NDF:2611.9/31

Out: 1.573+/-0.035 χ^2/NDF:3377.9/35

All: 1.512+/-0.024 χ^2/NDF: 5995.6/67

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: 23.618+/-0.057 χ^2/NDF:51729.9/16

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 17.817+/-0.050 χ^2/NDF:35759.2/14

Left: 20.342+/-0.038 χ^2/NDF: 93267.4/31

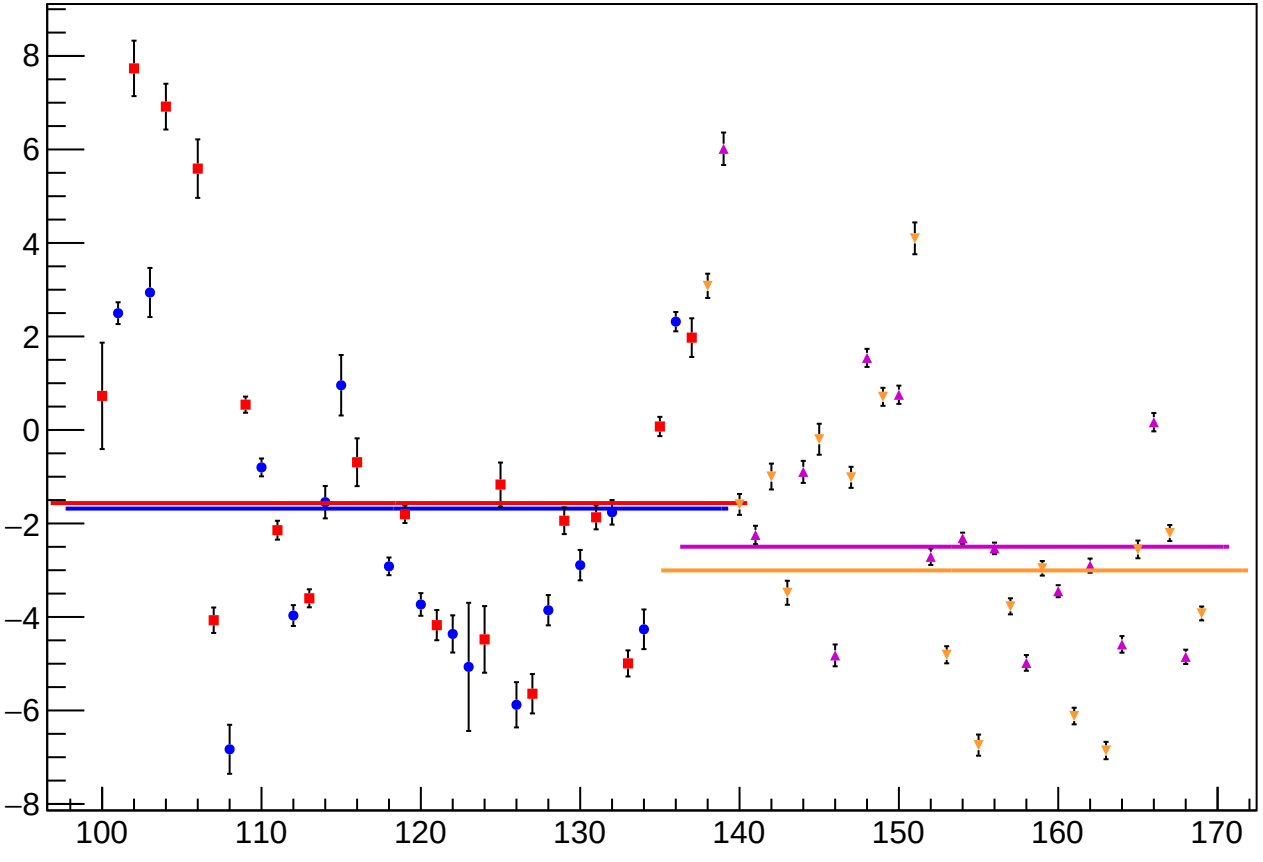
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 14.415+/-0.046 χ^2/NDF:62822.8/31

Out: 17.087+/-0.050 χ^2/NDF:104159.7/35

All: 15.645+/-0.034 χ^2/NDF: 168548.3/67

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: -3.004+/-0.049 χ^2/NDF:2794.9/16

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -2.498+/-0.043 χ^2/NDF:2301.8/14

Left: -2.721+/-0.032 χ^2/NDF: 5156.9/31

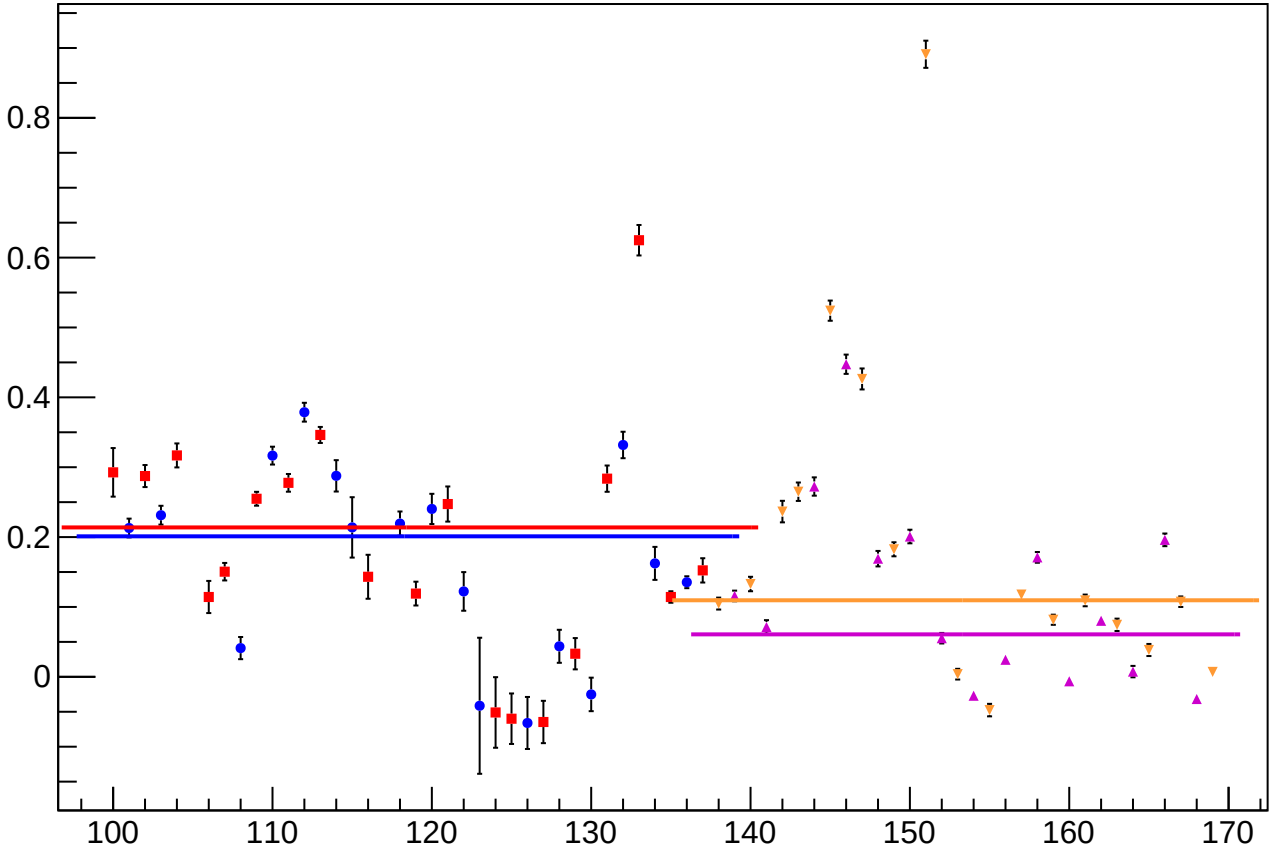
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -2.273+/-0.037 χ^2/NDF:3747.0/31

Out: -2.491+/-0.039 χ^2/NDF:4610.0/35

All: -2.376+/-0.027 χ^2/NDF: 8373.5/67

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: 0.110+/-0.002 χ^2/NDF:3973.2/16

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.061+/-0.002 χ^2/NDF:2626.3/14

Left: 0.081+/-0.001 χ^2/NDF: 6882.8/31

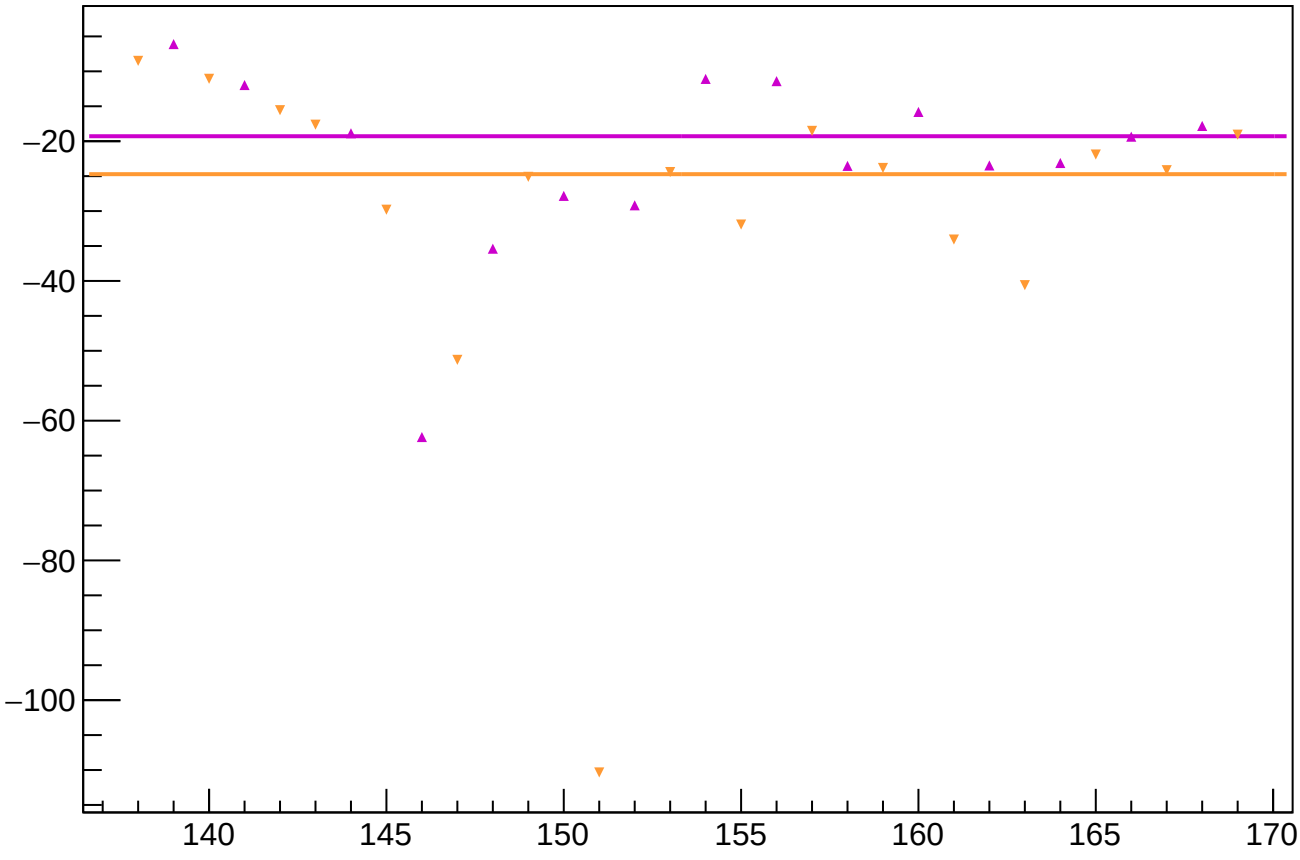
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.085+/-0.002 χ^2/NDF:4273.8/31

Out: 0.137+/-0.002 χ^2/NDF:5647.3/35

All: 0.109+/-0.001 χ^2/NDF: 10336.6/67

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: -24.719+/-0.059 χ^2/NDF:57617.3/16

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

Left In: -19.287+/-0.053 χ^2/NDF:36798.9/14

Left: -21.707+/-0.040 χ^2/NDF: 99060.4/31

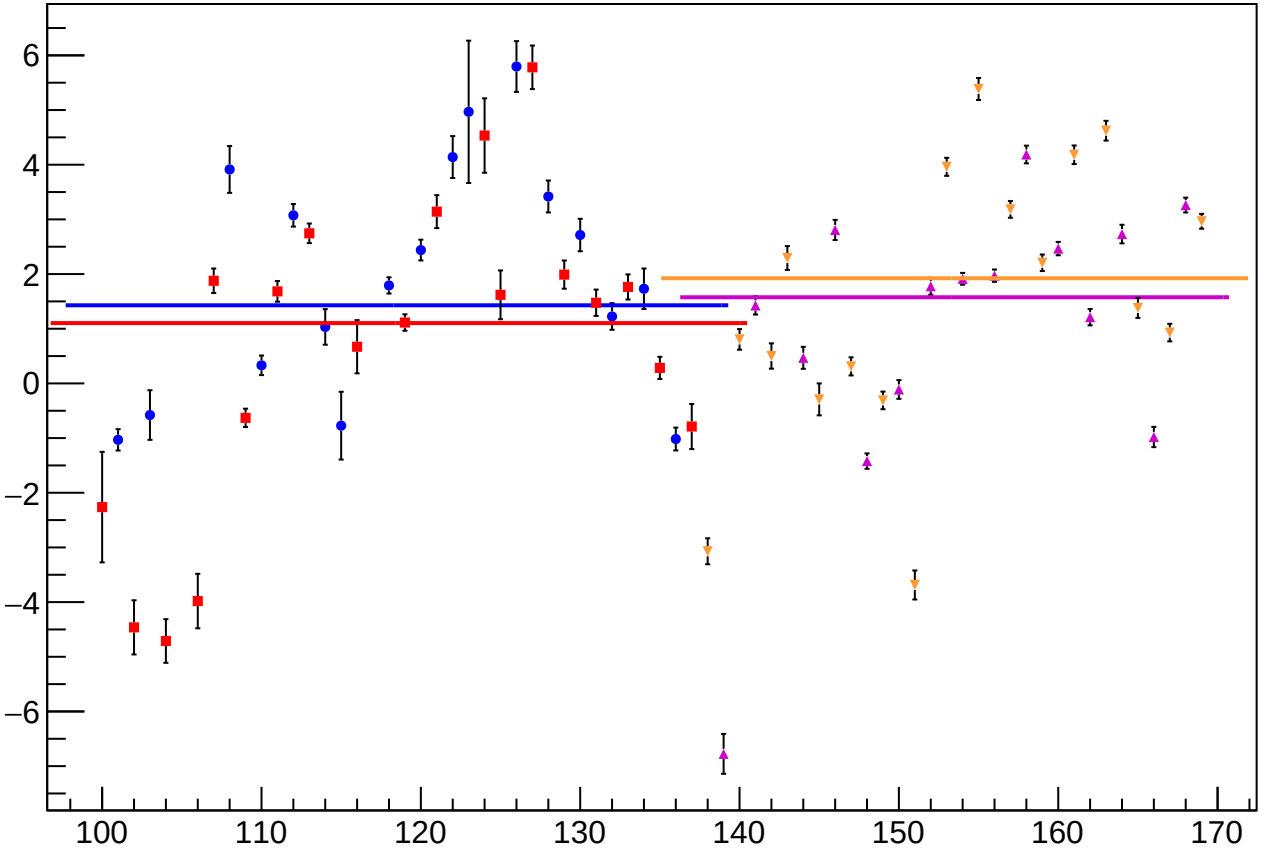
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.287+/-0.053 χ^2/NDF:36798.9/14

Out: -24.719+/-0.059 χ^2/NDF:57617.3/16

All: -21.707+/-0.040 χ^2/NDF: 99060.4/31

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: 1.923+/-0.044 χ^2/NDF:2336.5/16

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.576+/-0.039 χ^2/NDF:1883.4/14

Left: 1.730+/-0.029 χ^2/NDF: 4254.9/31

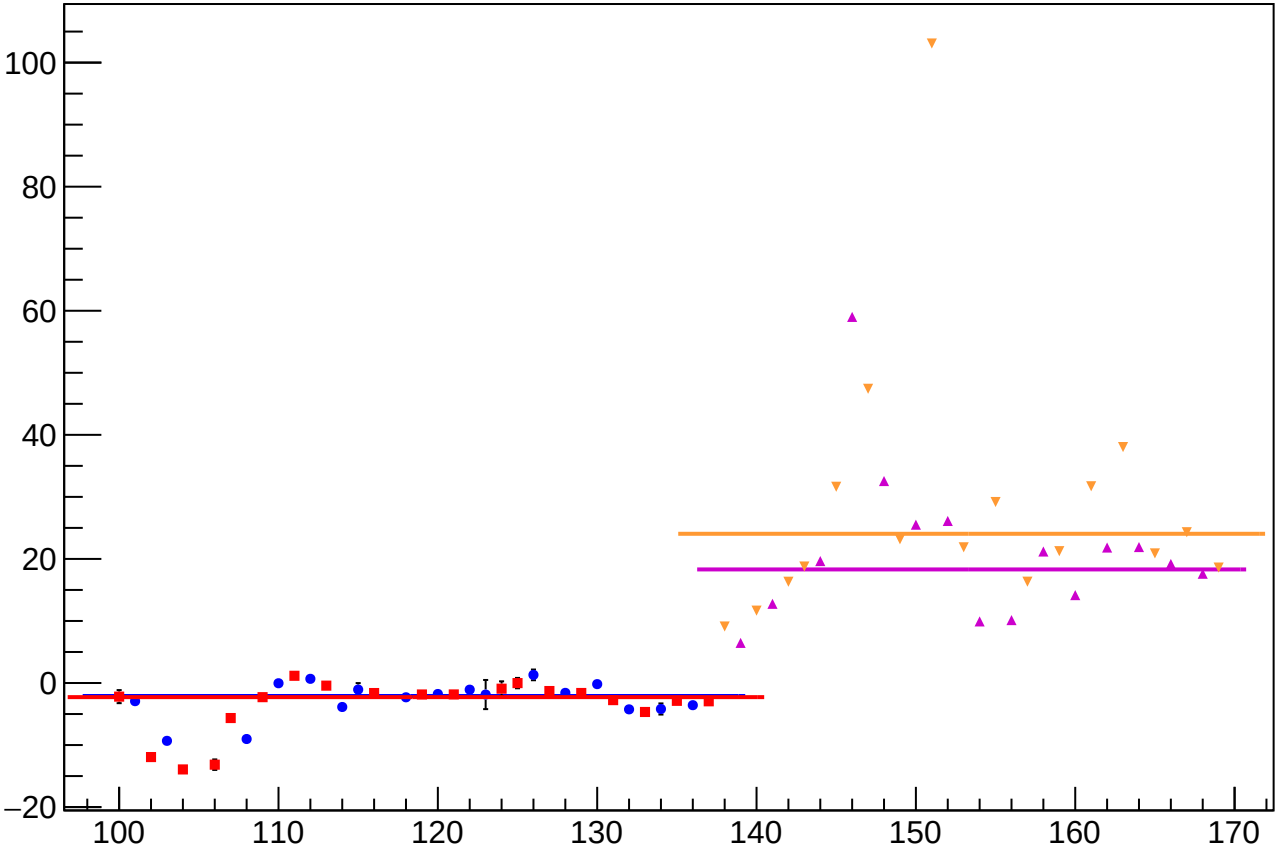
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.534+/-0.033 χ^2/NDF:2598.8/31

Out: 1.634+/-0.035 χ^2/NDF:3396.6/35

All: 1.581+/-0.024 χ^2/NDF: 5999.7/67

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 24.052+/-0.058 χ^2/NDF:51498.2/16

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 18.306+/-0.052 χ^2/NDF:34529.7/14

Left: 20.822+/-0.039 χ^2/NDF: 91460.0/31

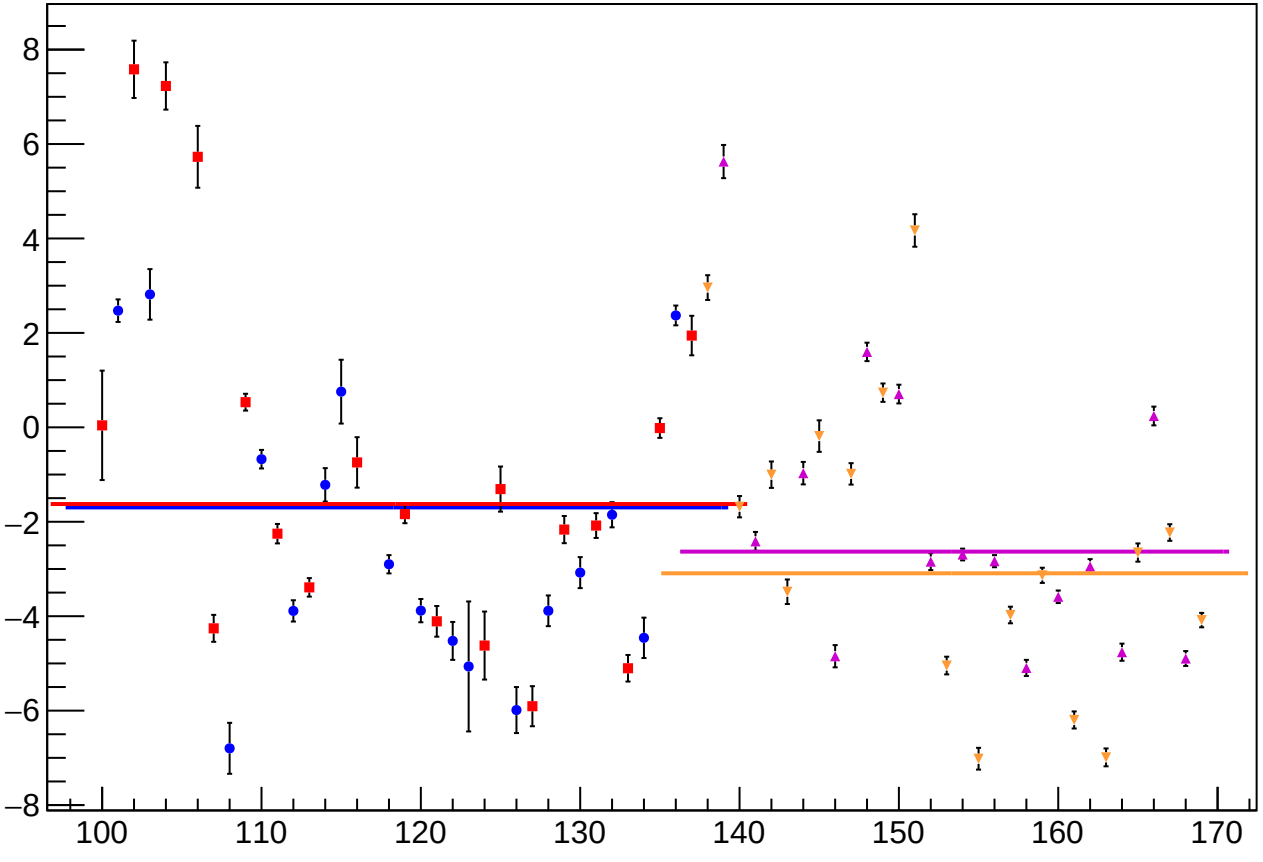
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 14.766+/-0.047 χ^2/NDF:62148.8/31

Out: 17.447+/-0.051 χ^2/NDF:103320.2/35

All: 16.005+/-0.034 χ^2/NDF: 166979.2/67

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: -3.091+/-0.050 χ^2/NDF:2838.9/16

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -2.632+/-0.044 χ^2/NDF:2265.6/14

Left: -2.836+/-0.033 χ^2/NDF: 5151.8/31

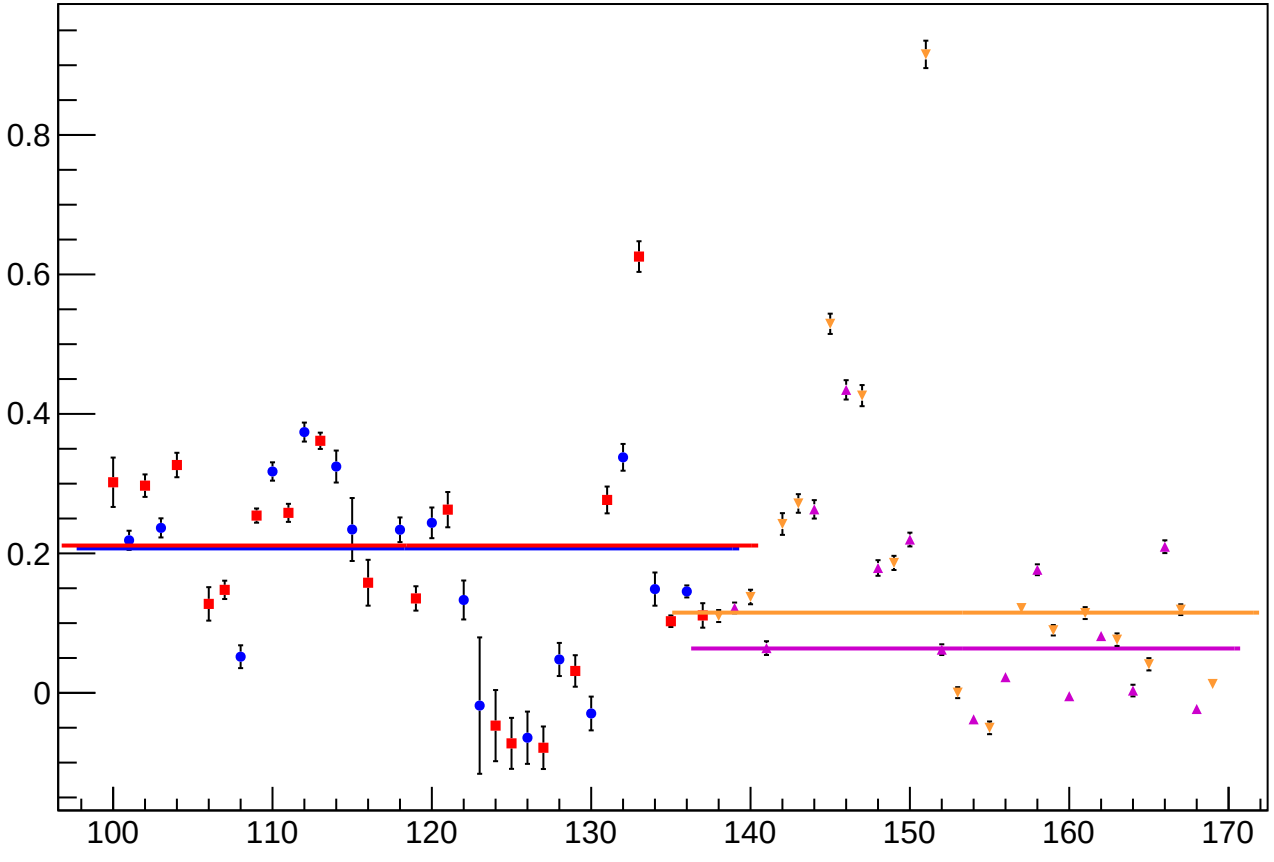
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -2.371+/-0.038 χ^2/NDF:3722.5/31

Out: -2.570+/-0.040 χ^2/NDF:4615.3/35

All: -2.465+/-0.027 χ^2/NDF: 8350.8/67

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: 0.115+/-0.002 χ^2/NDF:4006.1/16

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.064+/-0.002 χ^2/NDF:2660.9/14

Left: 0.086+/-0.001 χ^2/NDF: 6968.0/31

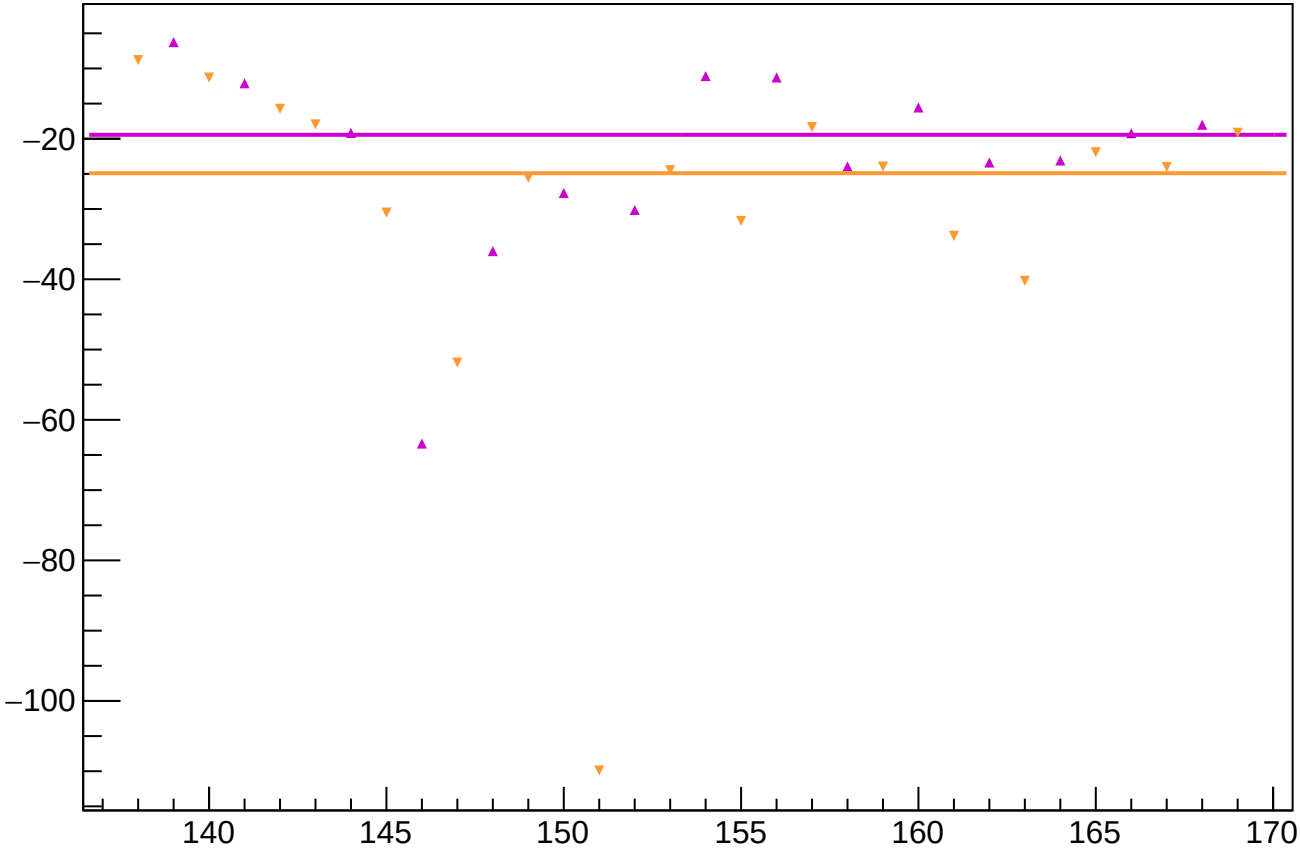
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.089+/-0.002 χ^2/NDF:4280.4/31

Out: 0.140+/-0.002 χ^2/NDF:5635.0/35

All: 0.112+/-0.001 χ^2/NDF: 10306.7/67

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: -24.904+/-0.060 χ^2/NDF:56406.4/16

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

Left In: -19.440+/-0.054 χ^2/NDF:37047.9/14

Left: -21.885+/-0.040 χ^2/NDF: 98049.8/31

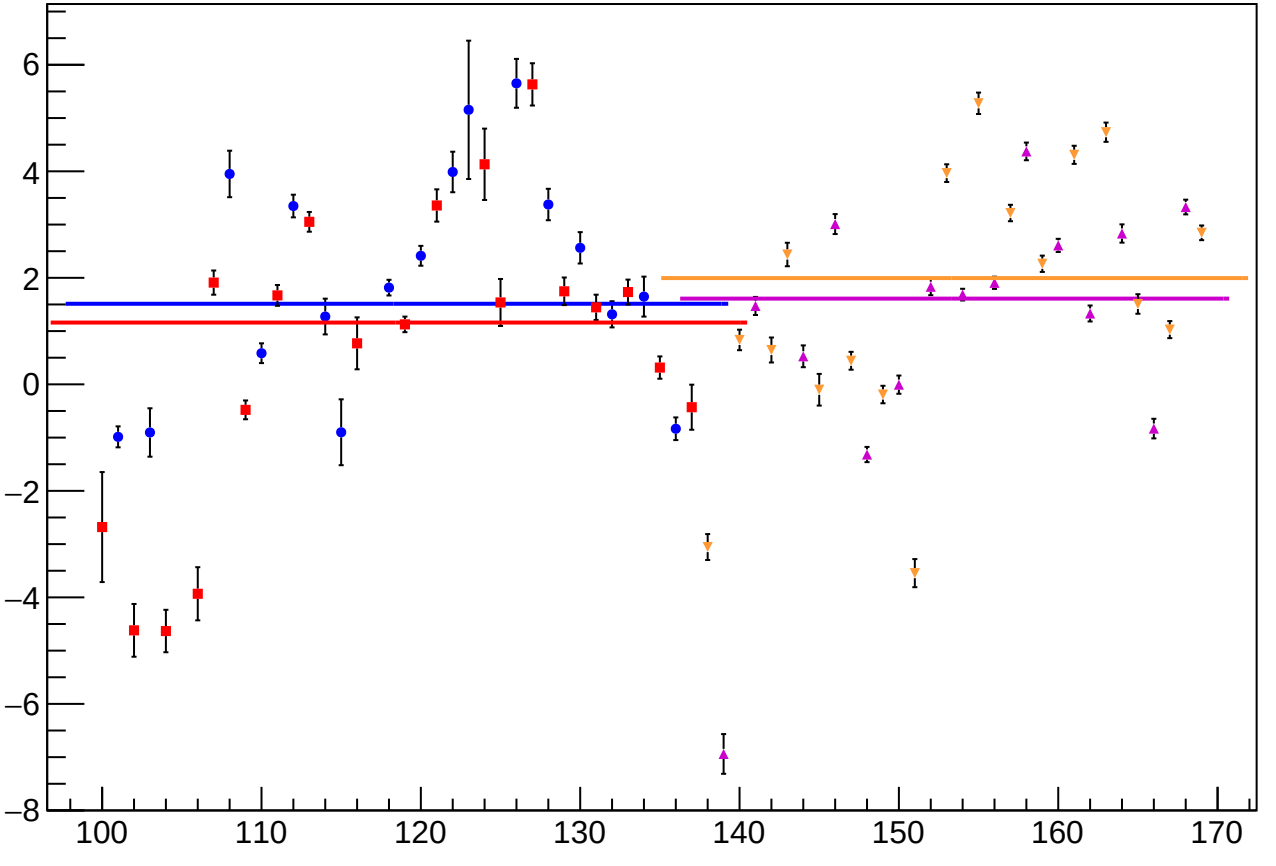
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.440+/-0.054 χ^2/NDF:37047.9/14

Out: -24.904+/-0.060 χ^2/NDF:56406.4/16

All: -21.885+/-0.040 χ^2/NDF: 98049.8/31

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: 1.995+/-0.044 χ^2/NDF:2225.0/16

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.610+/-0.040 χ^2/NDF:1855.1/14

Left: 1.782+/-0.029 χ^2/NDF: 4122.4/31

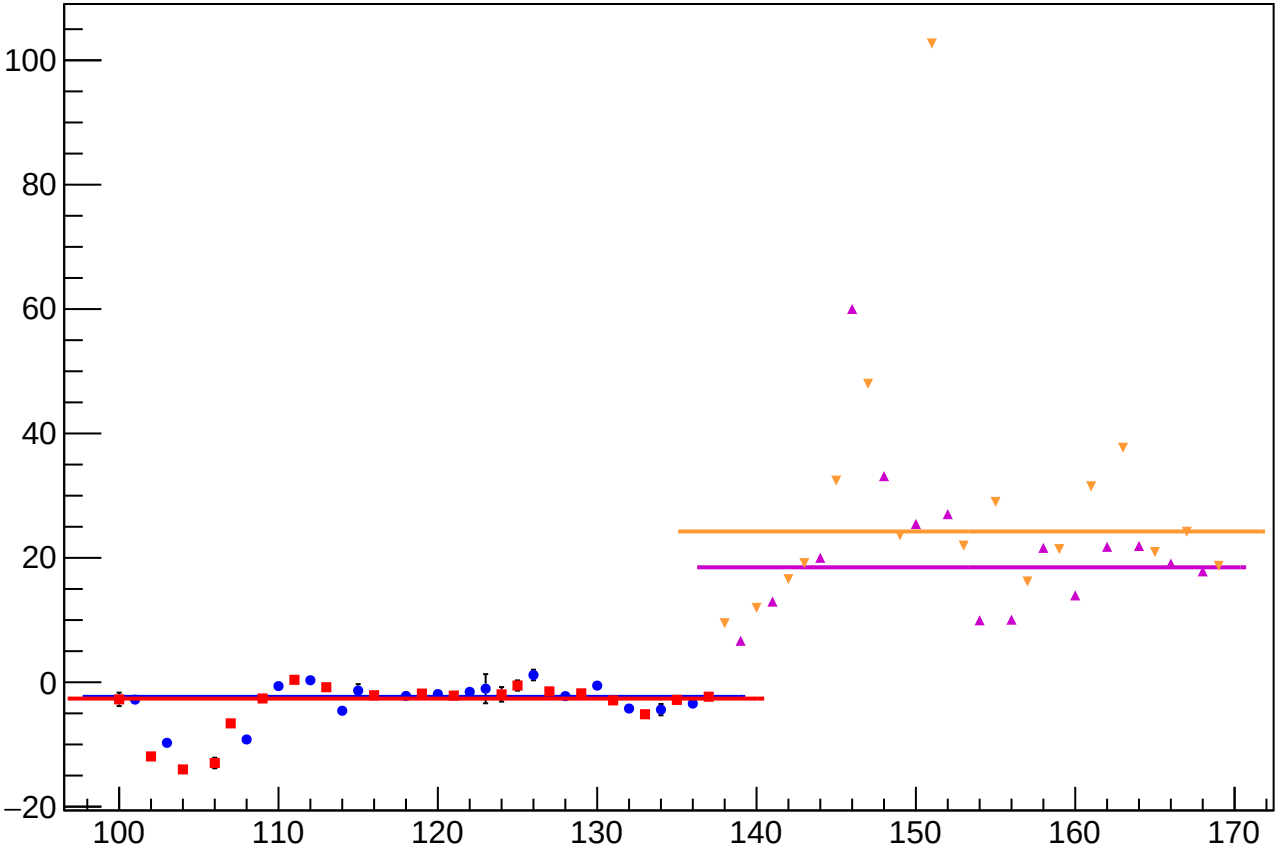
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.582+/-0.033 χ^2/NDF:2526.6/31

Out: 1.702+/-0.036 χ^2/NDF:3267.5/35

All: 1.639+/-0.024 χ^2/NDF: 5800.2/67

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 24.244+/-0.059 χ^2/NDF:50539.6/16

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 18.483+/-0.052 χ^2/NDF:34811.8/14

Left: 21.019+/-0.039 χ^2/NDF: 90692.0/31

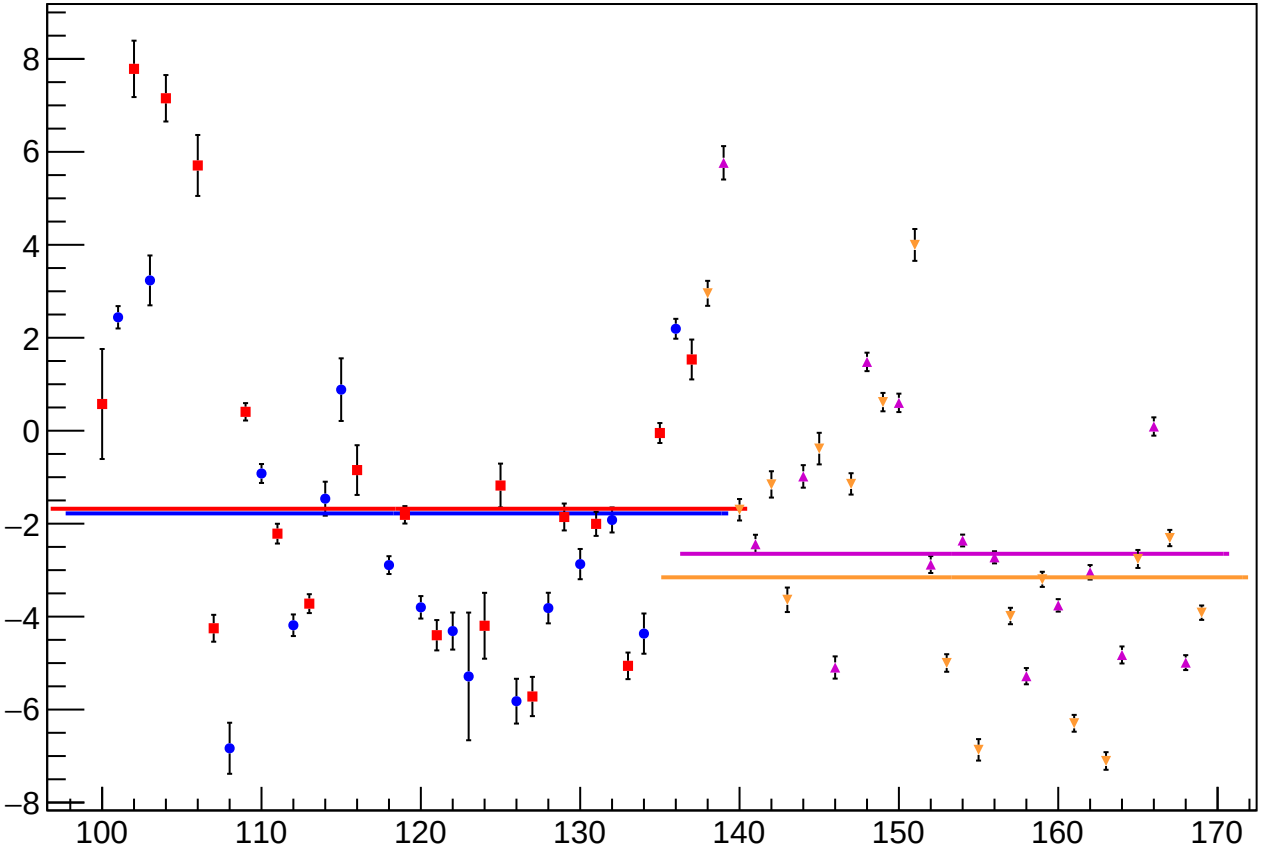
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 14.876+/-0.048 χ^2/NDF:62721.0/31

Out: 17.632+/-0.051 χ^2/NDF:102448.7/35

All: 16.152+/-0.035 χ^2/NDF: 166724.1/67

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: -3.154+/-0.050 χ^2/NDF:2712.9/16

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -2.648+/-0.045 χ^2/NDF:2259.0/14

Left: -2.874+/-0.034 χ^2/NDF: 5028.2/31

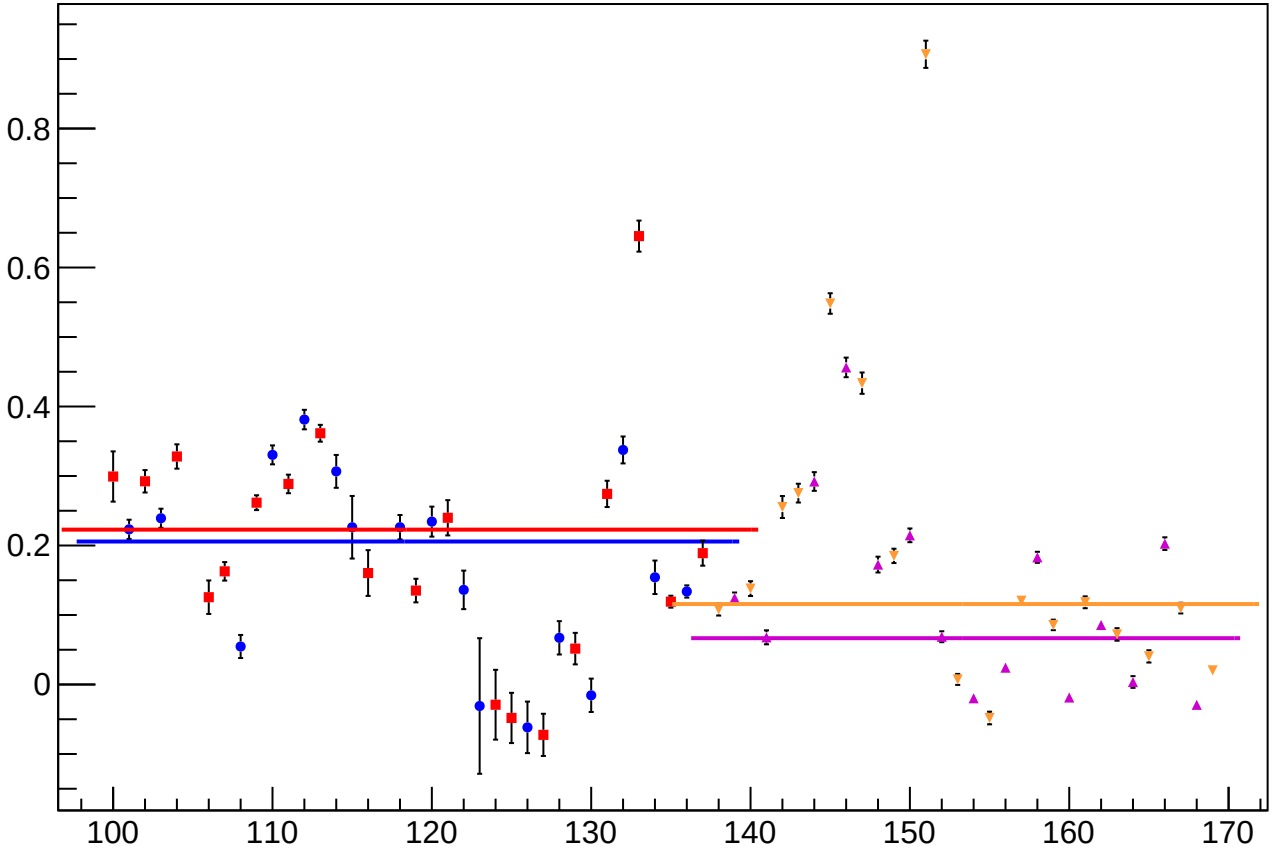
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -2.405+/-0.038 χ^2/NDF:3635.3/31

Out: -2.634+/-0.040 χ^2/NDF:4447.1/35

All: -2.513+/-0.028 χ^2/NDF: 8099.4/67

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: 0.116+/-0.002 χ^2/NDF:3988.0/16

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.067+/-0.002 χ^2/NDF:2674.0/14

Left: 0.088+/-0.001 χ^2/NDF: 6930.5/31

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.091+/-0.002 χ^2/NDF:4206.6/31

Out: 0.143+/-0.002 χ^2/NDF:5608.4/35

All: 0.115+/-0.001 χ^2/NDF: 10208.1/67