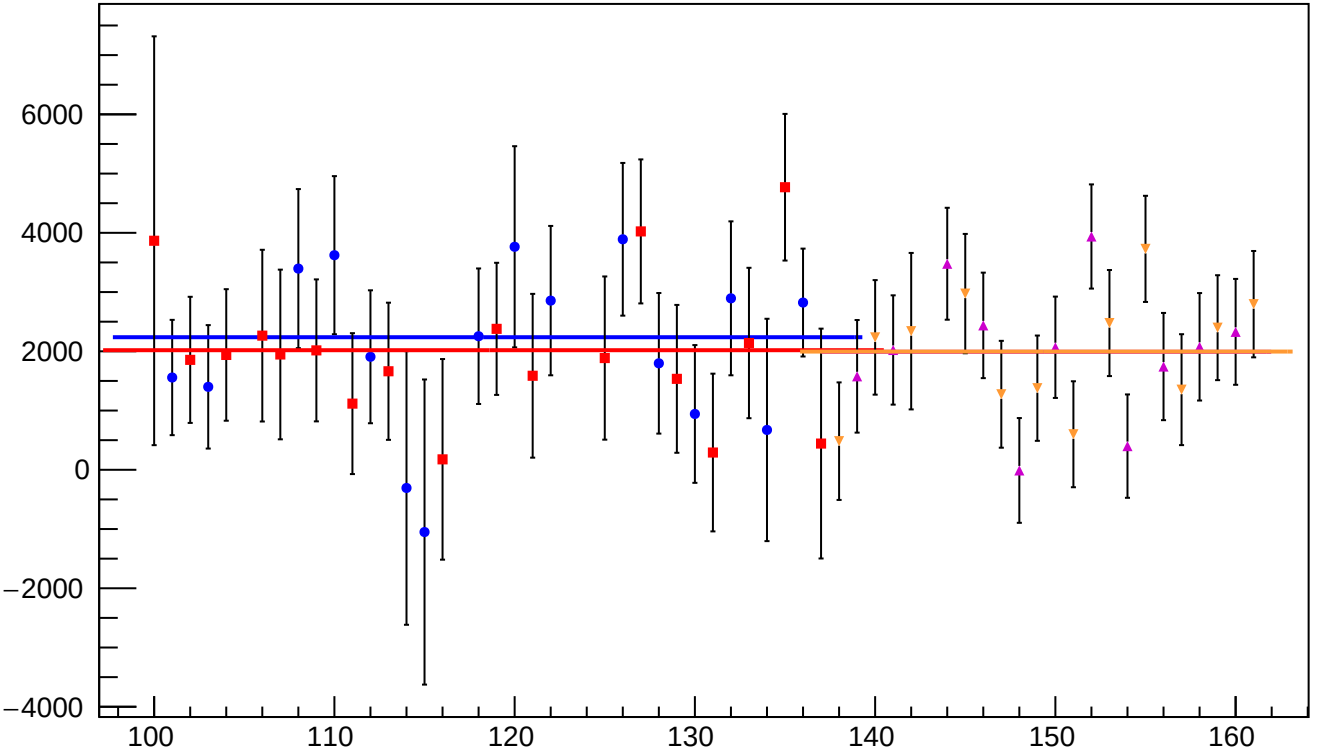
dit_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1995.705+/-271.749 χ^2/NDF:12.5/11

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

Left In: 1991.370+/-271.114 χ^2/NDF:16.5/10

Left: 1993.532+/-191.931 χ^2/NDF: 29.0/22

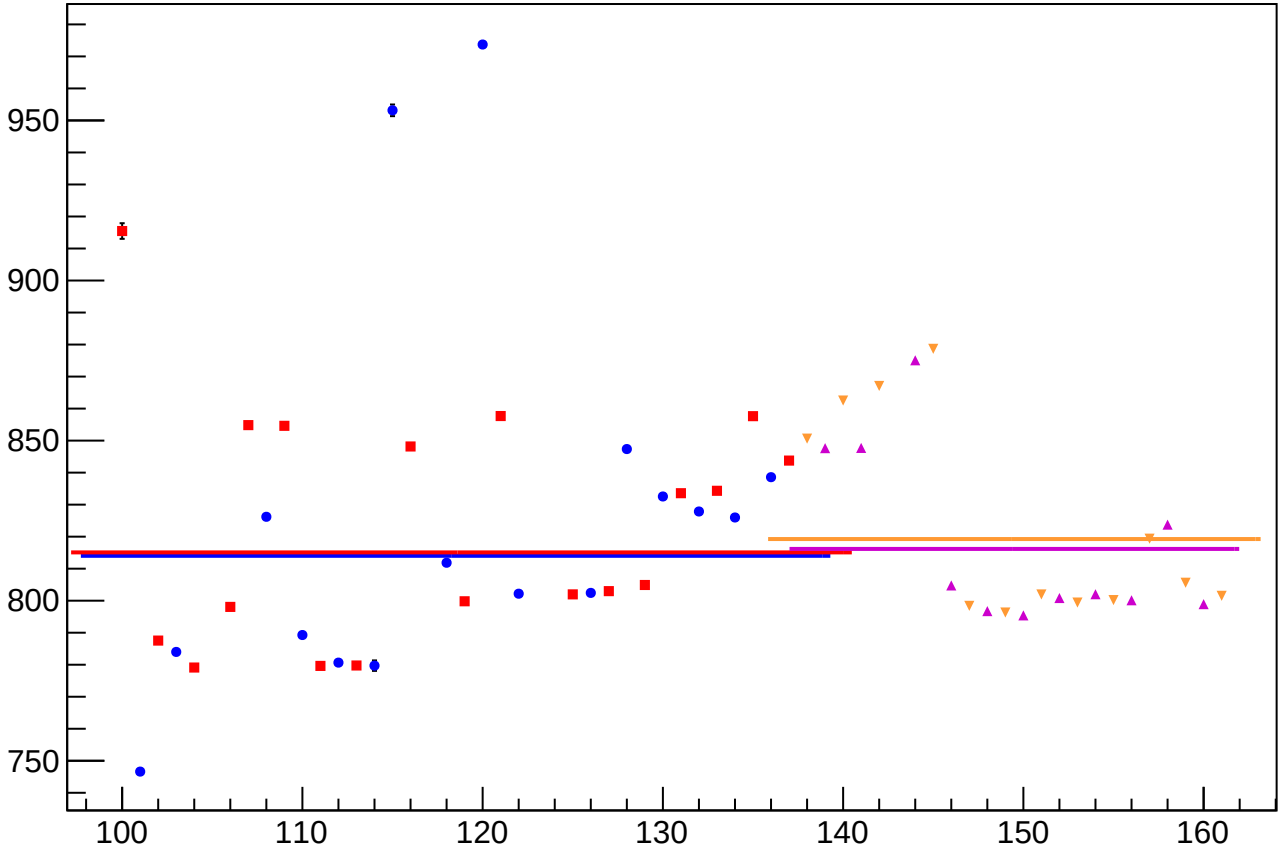
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2096.428+/-205.386 χ^2/NDF:28.2/26

Out: 2005.724+/-203.877 χ^2/NDF:25.0/29

All: 2050.742+/-144.694 χ^2/NDF: 53.3/56

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 819.254+/-0.192 χ^2/NDF:21878.9/11

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

Left In: 816.169+/-0.192 χ^2/NDF:17433.0/10

Left: 817.708+/-0.136 χ^2/NDF: 39441.2/22

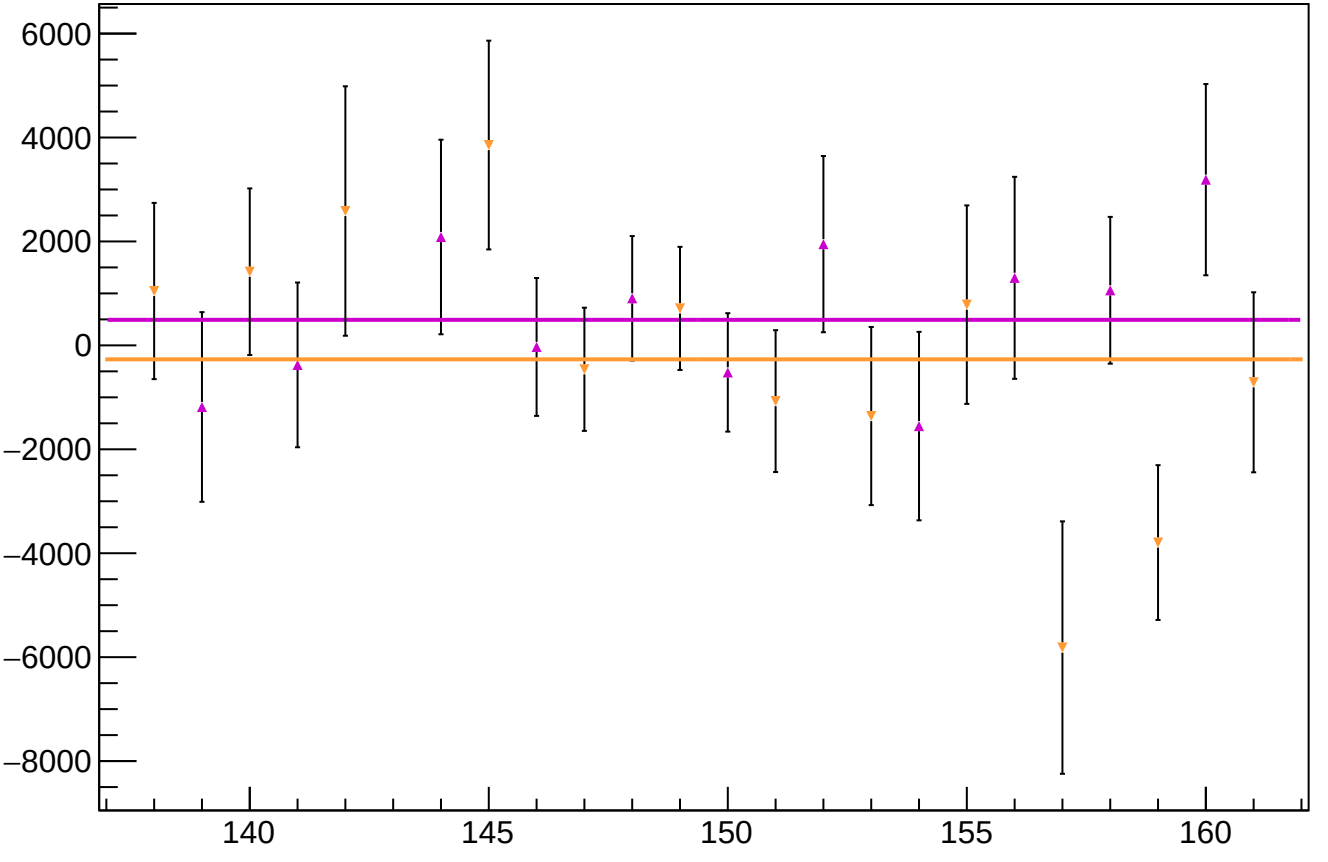
Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 815.254+/-0.145 χ^2/NDF:59528.2/26

Out: 817.431+/-0.144 χ^2/NDF:42044.0/29

All: 816.350+/-0.102 χ^2/NDF: 101685.4/56

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -268.589+/-461.879 χ^2/NDF:20.0/11

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

Left In: 491.609+/-459.645 χ^2/NDF:7.4/10

Left: 113.352+/-325.805 χ^2/NDF: 28.8/22

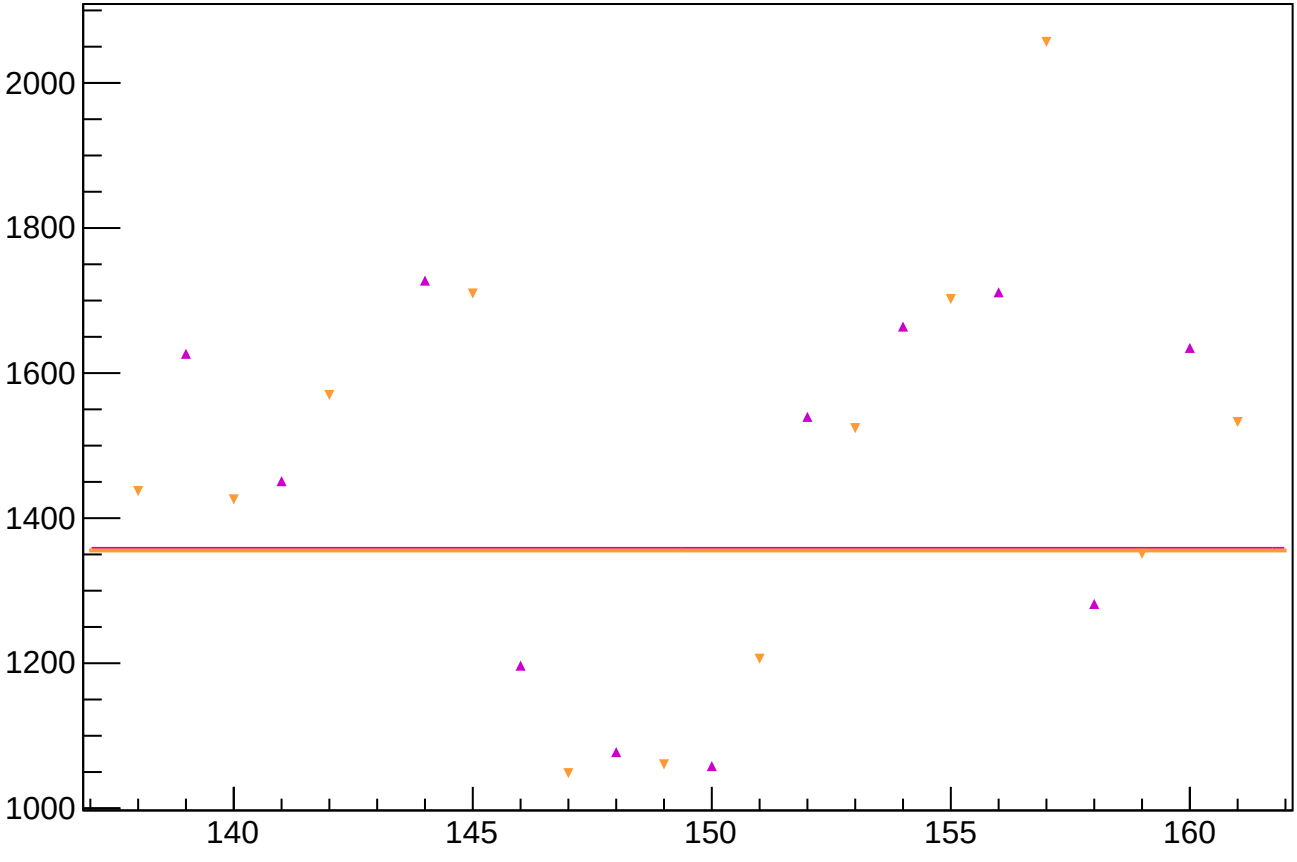
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 491.609+/-459.645 χ^2/NDF:7.4/10

Out: -268.589+/-461.879 χ^2/NDF:20.0/11

All: 113.352+/-325.805 χ^2/NDF: 28.8/22

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1355.532+/-0.327 χ^2/NDF:641494.0/11

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

Left In: 1357.618+/-0.325 χ^2/NDF:603201.4/10

Left: 1356.580+/-0.230 χ^2/NDF: 1244715.9/22

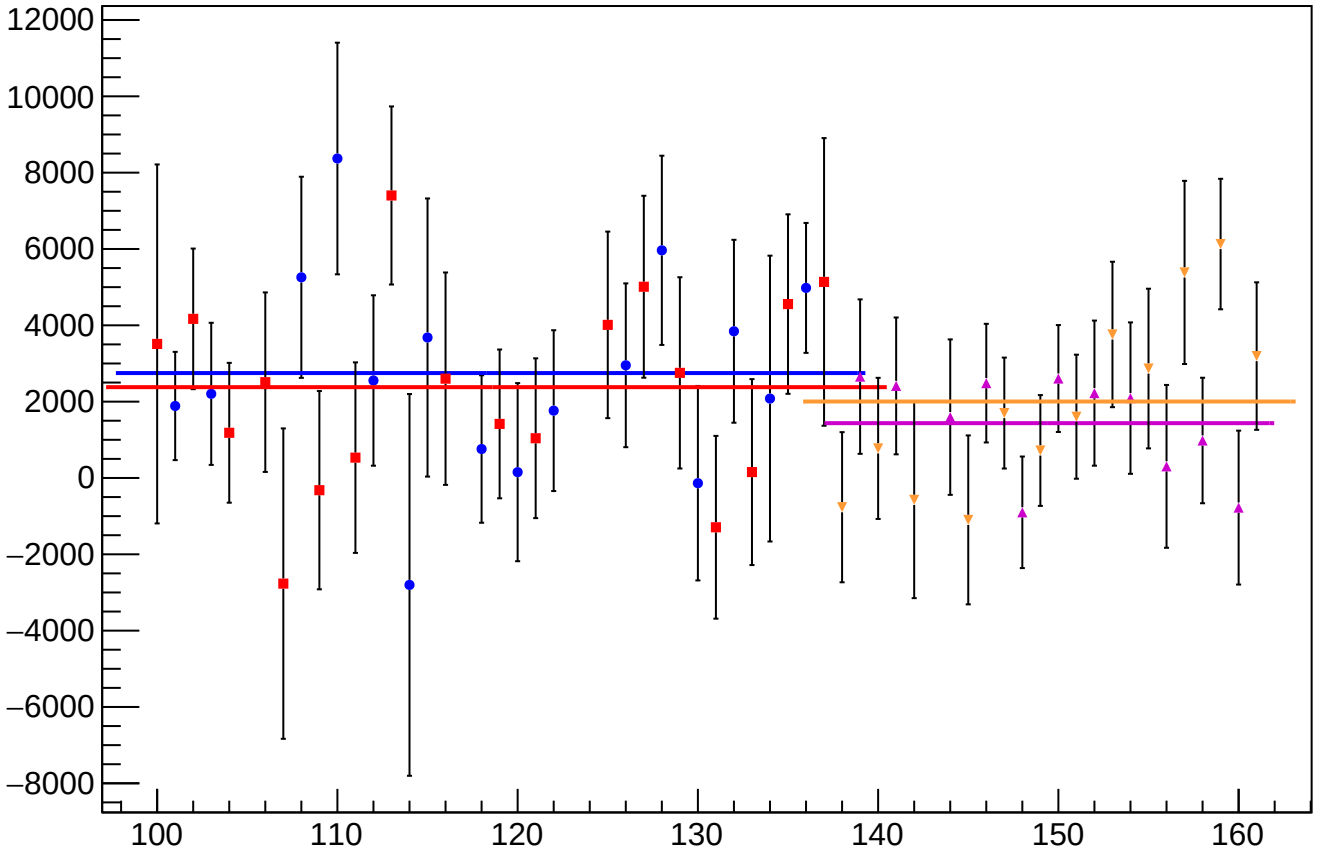
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1357.618+/-0.325 χ^2/NDF:603201.4/10

Out: 1355.532+/-0.327 χ^2/NDF:641494.0/11

All: 1356.580+/-0.230 χ^2/NDF: 1244715.9/22

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 2003.184+/-533.006 χ^2/NDF:15.5/11

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

Left In: 1436.356+/-530.396 χ^2/NDF:6.2/10

Left: 1718.379+/-375.966 χ^2/NDF: 22.3/22

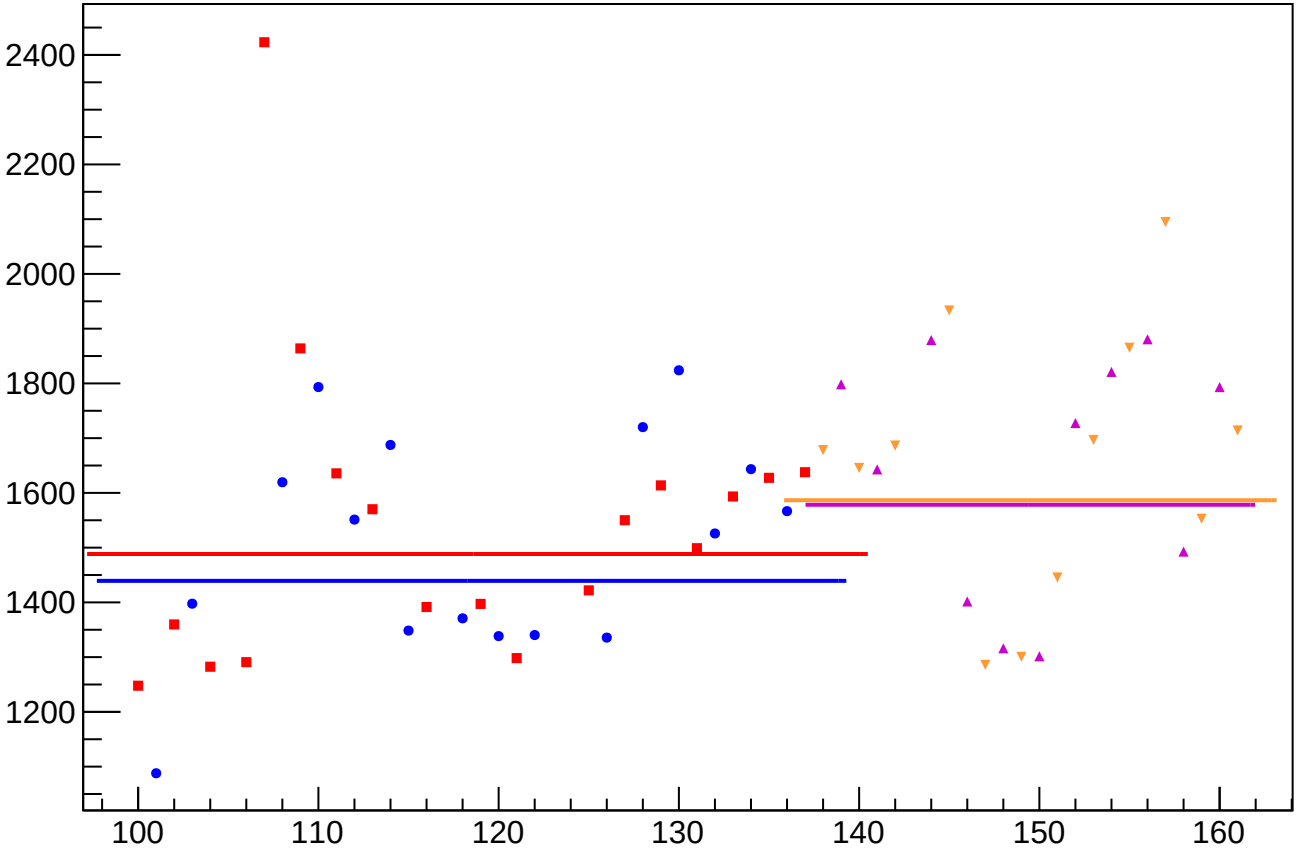
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2053.531+/-386.040 χ^2/NDF:22.6/26

Out: 2179.052+/-388.984 χ^2/NDF:31.9/29

All: 2115.815+/-274.007 χ^2/NDF: 54.6/56

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1586.606+/-0.377 χ^2/NDF:378103.1/11

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

Left In: 1578.353+/-0.375 χ^2/NDF:348735.3/10

Left: 1582.459+/-0.266 χ^2/NDF: 727079.3/22

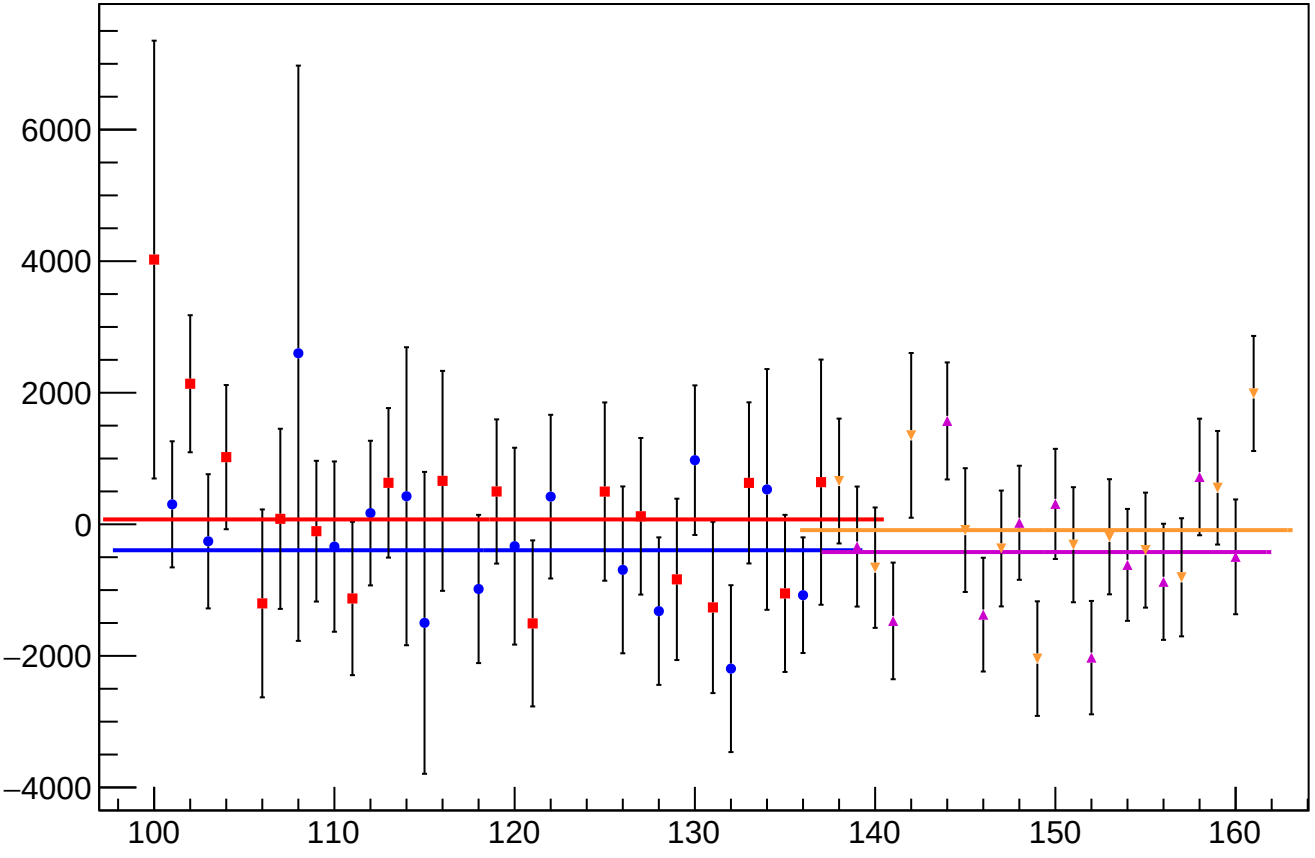
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1512.977+/-0.273 χ^2/NDF:691209.9/26

Out: 1540.697+/-0.275 χ^2/NDF:666172.8/29

All: 1526.732+/-0.194 χ^2/NDF: 1362499.5/56

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -88.443+/-262.693 χ^2/NDF:14.5/11

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

Left In: -421.886+/-263.252 χ^2/NDF:14.1/10

Left: -254.810+/-185.949 χ^2/NDF: 29.4/22

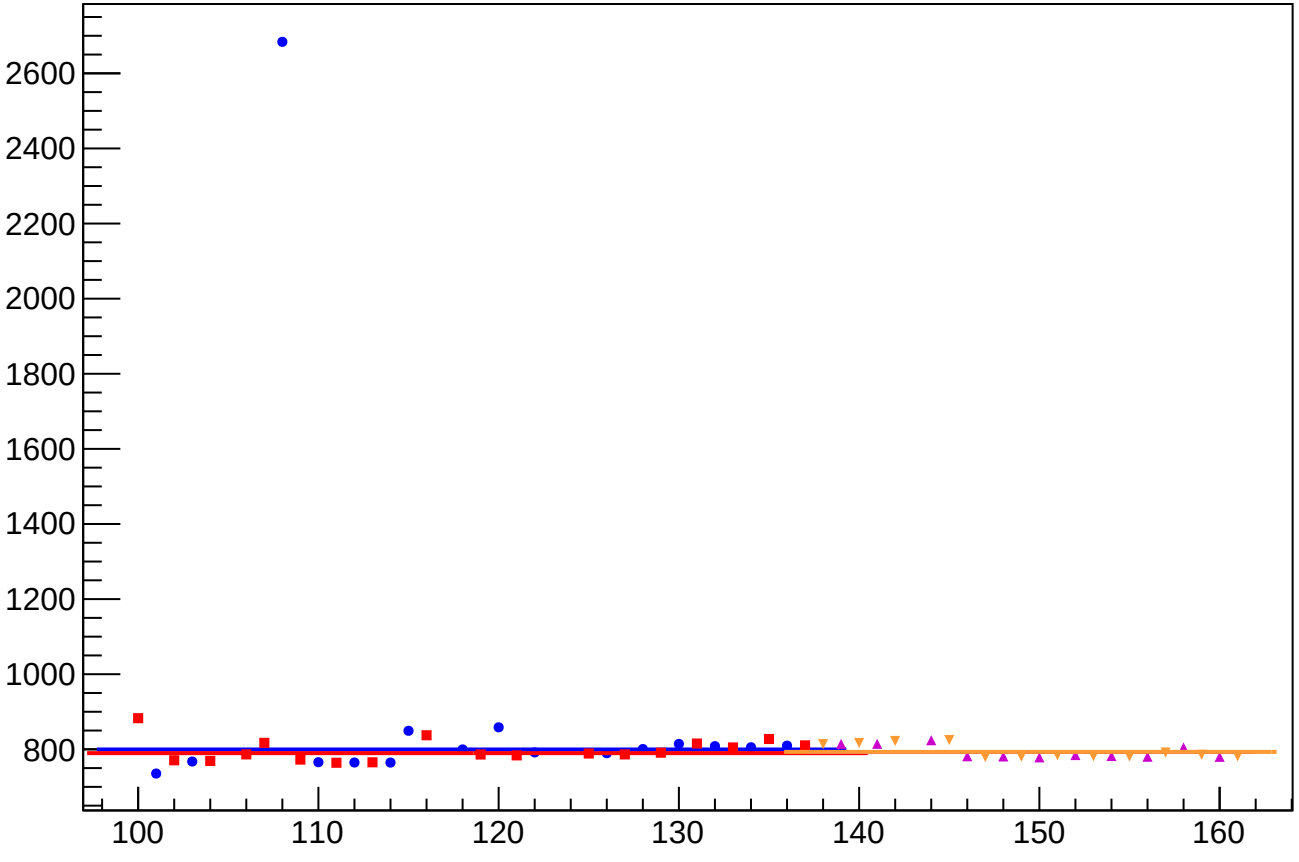
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -410.490+/-201.514 χ^2/NDF:21.5/26

Out: -17.391+/-197.173 χ^2/NDF:27.6/29

All: -209.661+/-140.932 χ^2/NDF: 51.1/56

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 793.125+/-0.186 χ^2/NDF:8031.1/11

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

Left In: 792.803+/-0.186 χ^2/NDF:7789.7/10

Left: 792.964+/-0.131 χ^2/NDF: 15822.3/22

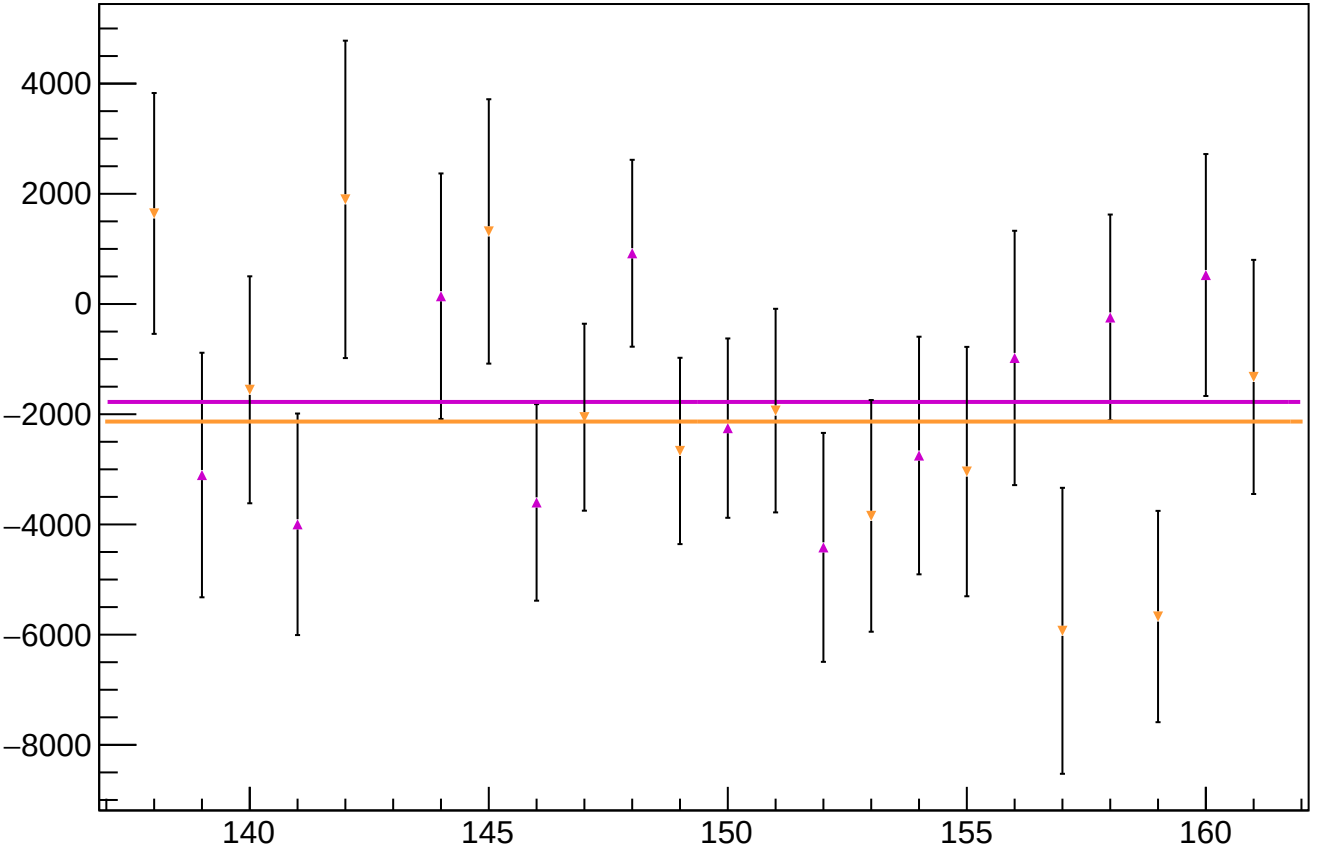
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 795.591+/-0.142 χ^2/NDF:399517.5/26

Out: 791.671+/-0.139 χ^2/NDF:19346.5/29

All: 793.588+/-0.100 χ^2/NDF: 419250.7/56

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2132.979+/-598.289 χ^2/NDF:13.7/11

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

Left In: -1777.028+/-595.403 χ^2/NDF:9.7/10

Left: -1954.143+/-422.030 χ^2/NDF: 23.6/22

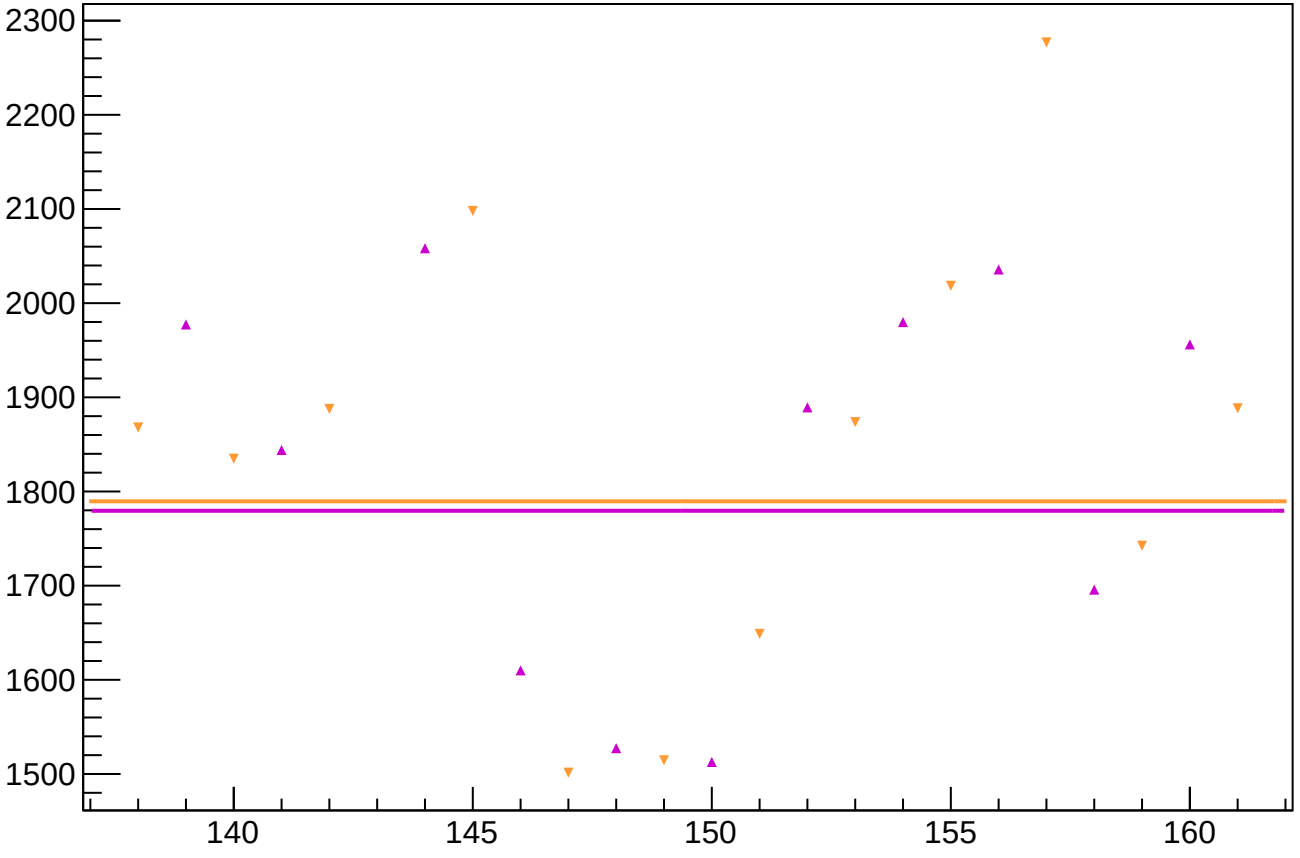
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1777.028+/-595.403 χ^2/NDF:9.7/10

Out: -2132.979+/-598.289 χ^2/NDF:13.7/11

All: -1954.143+/-422.030 χ^2/NDF: 23.6/22

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1789.588+/-0.423 χ^2/NDF:260930.0/11

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

Left In: 1779.525+/-0.421 χ^2/NDF:229810.0/10

Left: 1784.532+/-0.298 χ^2/NDF: 491024.2/22

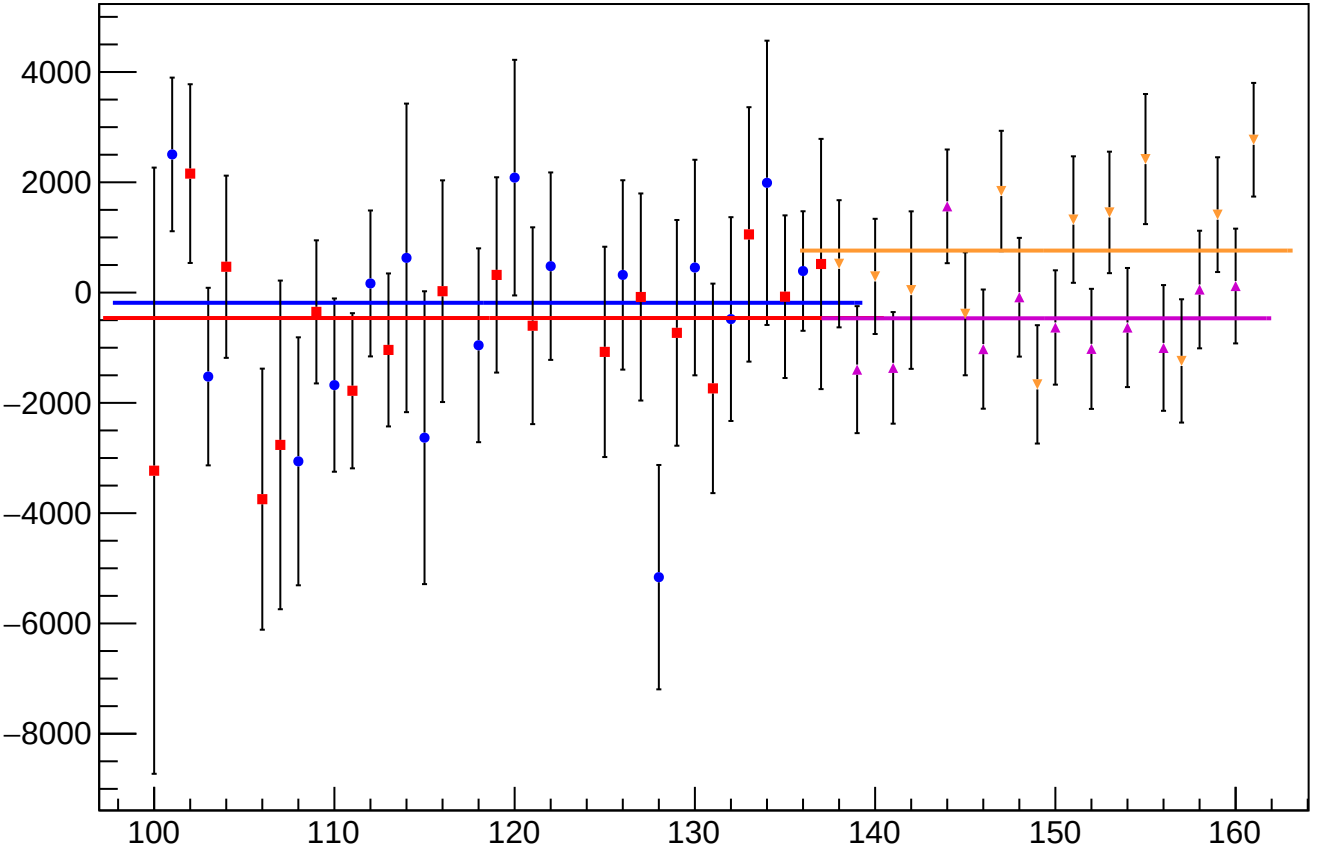
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1779.525+/-0.421 χ^2/NDF:229810.0/10

Out: 1789.588+/-0.423 χ^2/NDF:260930.0/11

All: 1784.532+/-0.298 χ^2/NDF: 491024.2/22

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 761.817+/-322.116 χ^2/NDF:17.7/11

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

Left In: -466.227+/-322.872 χ^2/NDF:6.8/10

Left: 149.235+/-228.037 χ^2/NDF: 31.7/22

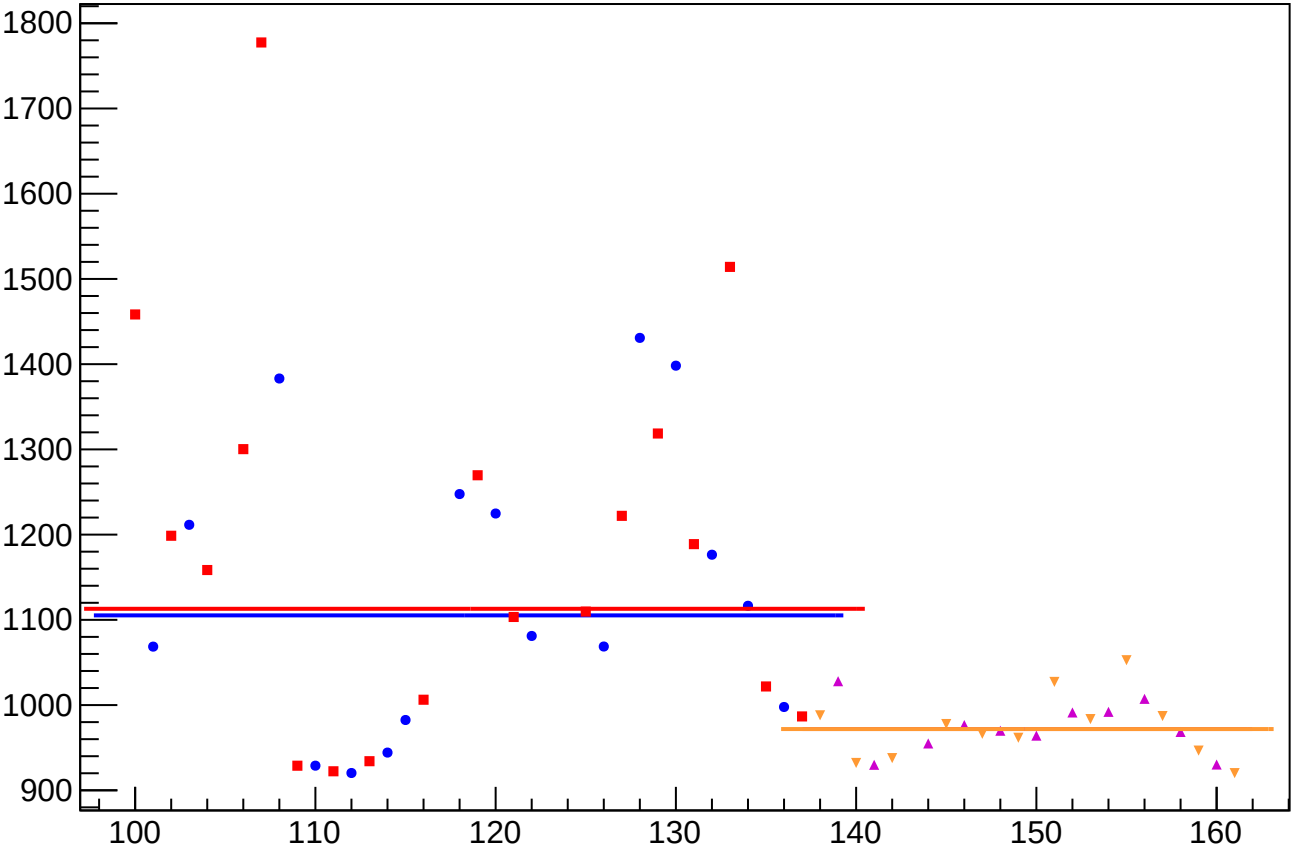
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -365.304+/-258.513 χ^2/NDF:23.7/26

Out: 318.127+/-257.135 χ^2/NDF:31.2/29

All: -21.762+/-182.307 χ^2/NDF: 58.4/56

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 971.872+/-0.228 χ^2/NDF:25556.0/11

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

Left In: 971.904+/-0.228 χ^2/NDF:15370.6/10

Left: 971.888+/-0.161 χ^2/NDF: 40926.6/22

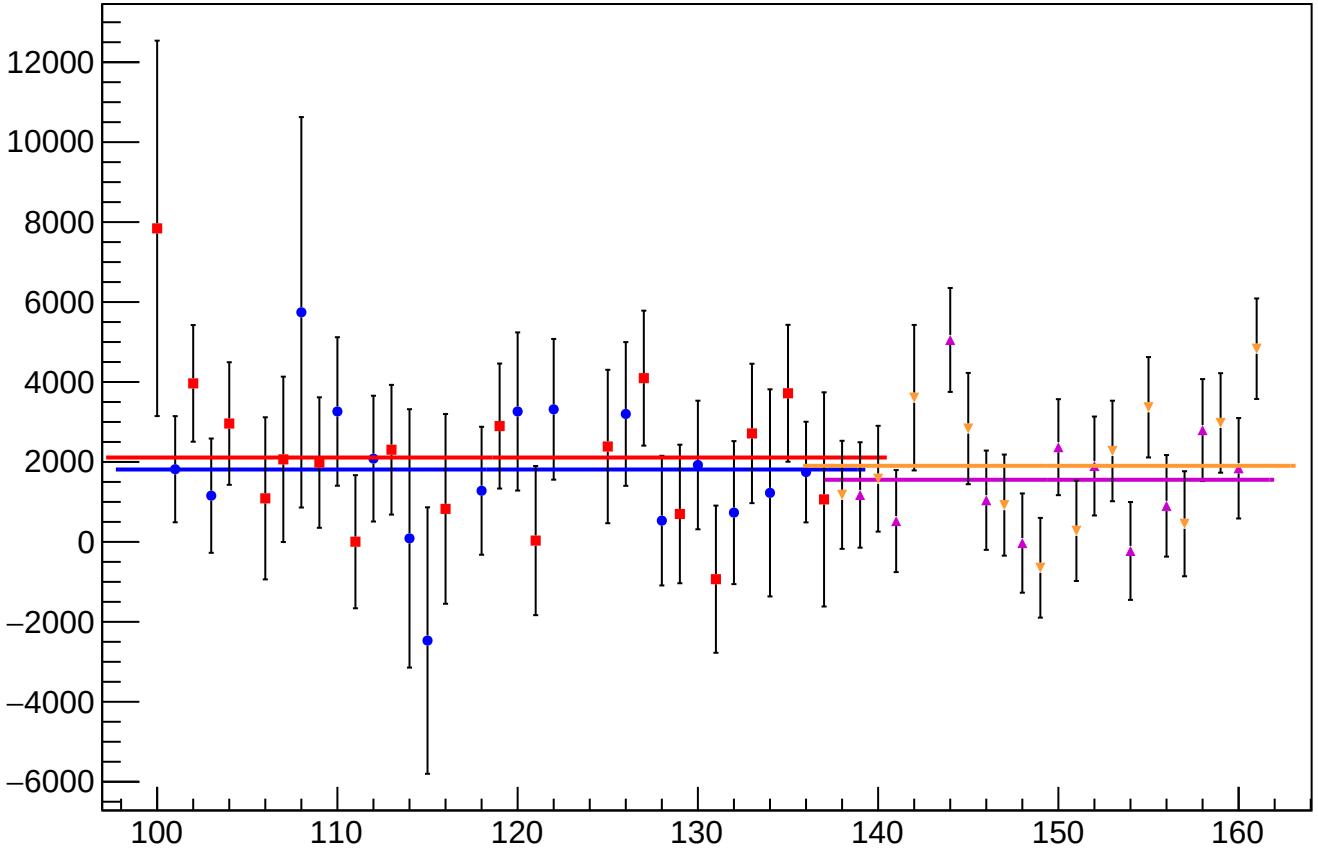
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 1019.761+/-0.183 χ^2/NDF:393156.0/26

Out: 1023.059+/-0.182 χ^2/NDF:527770.1/29

All: 1021.419+/-0.129 χ^2/NDF: 921089.7/56

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1903.241+/-378.968 χ^2/NDF:17.0/11

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

Left In: 1554.305+/-379.056 χ^2/NDF:13.7/10

Left: 1728.813+/-268.002 χ^2/NDF: 31.1/22

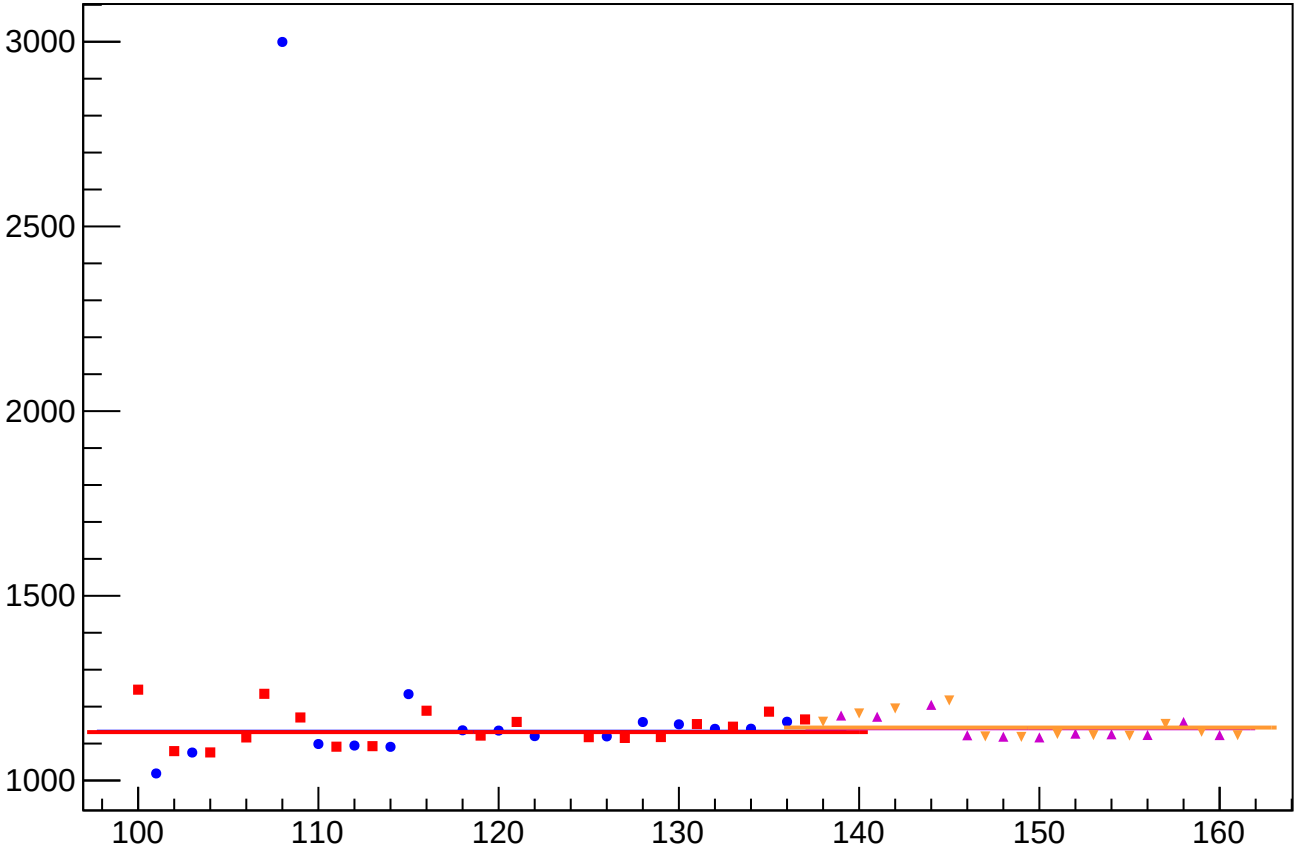
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1663.071+/-287.776 χ^2/NDF:20.3/26

Out: 1994.622+/-283.636 χ^2/NDF:30.1/29

All: 1831.249+/-202.009 χ^2/NDF: 51.1/56

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1143.311+/-0.268 χ^2/NDF:12993.4/11

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

Left In: 1141.345+/-0.268 χ^2/NDF:11131.6/10

Left: 1142.328+/-0.190 χ^2/NDF: 24151.9/22

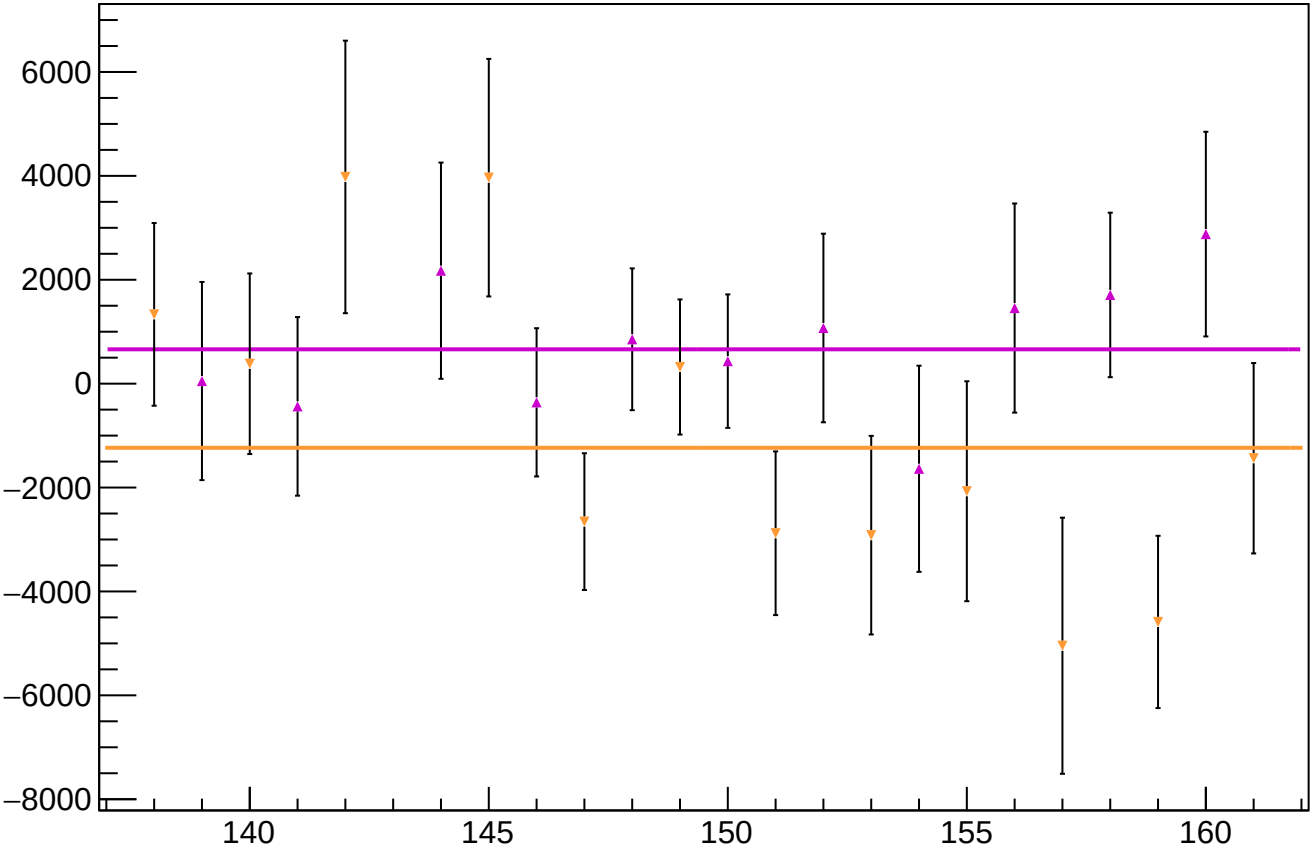
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1137.418+/-0.203 χ^2/NDF:327664.7/26

Out: 1137.903+/-0.201 χ^2/NDF:33638.4/29

All: 1137.664+/-0.143 χ^2/NDF: 361305.9/56

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1234.530+/-507.363 χ^2/NDF:23.2/11

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

Left In: 660.995+/-503.871 χ^2/NDF:4.9/10

Left: -280.223+/-357.519 χ^2/NDF: 35.1/22

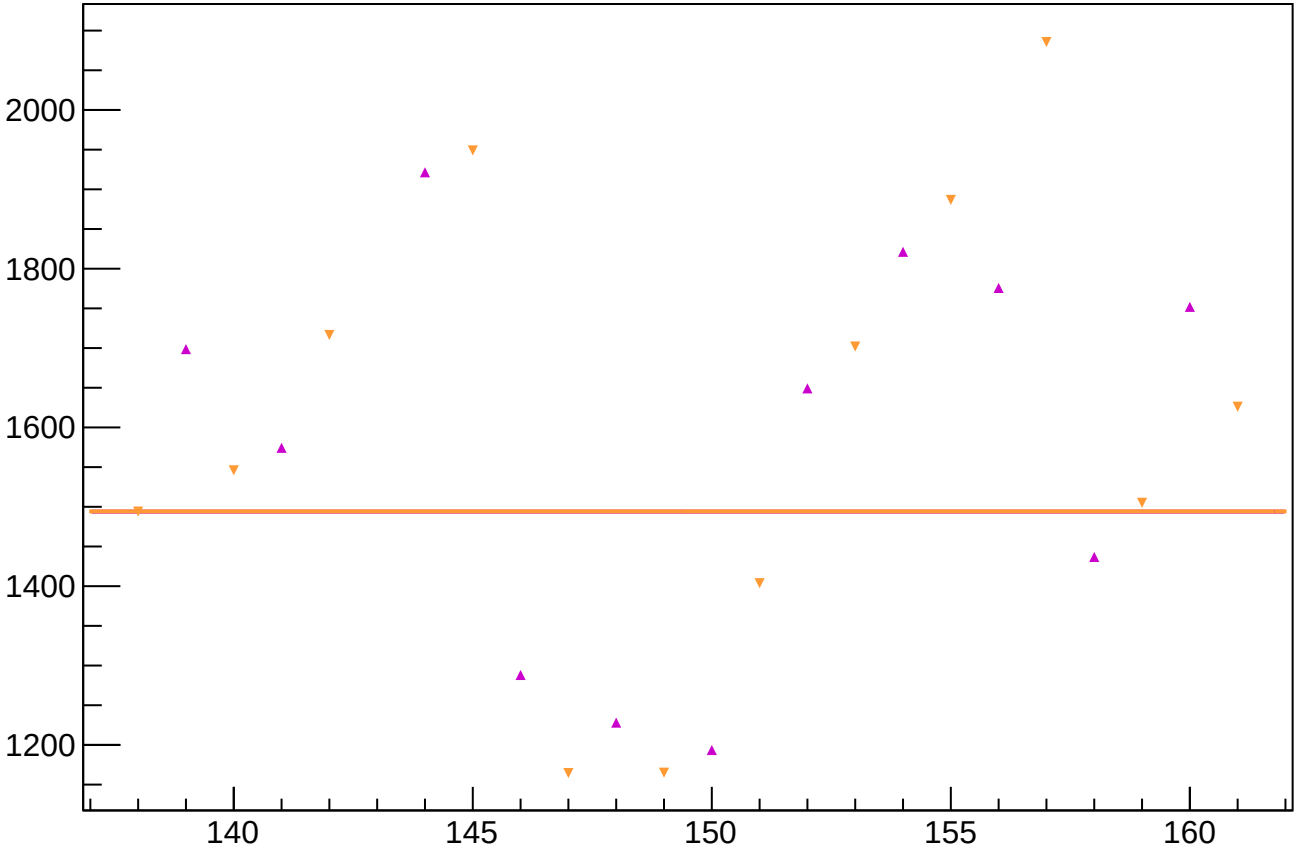
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 660.995+/-503.871 χ^2/NDF:4.9/10

Out: -1234.530+/-507.363 χ^2/NDF:23.2/11

All: -280.223+/-357.519 χ^2/NDF: 35.1/22

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1494.197+/-0.359 χ^2/NDF:573342.9/11

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

Left In: 1493.926+/-0.356 χ^2/NDF:483798.2/10

Left: 1494.060+/-0.253 χ^2/NDF: 1057141.3/22

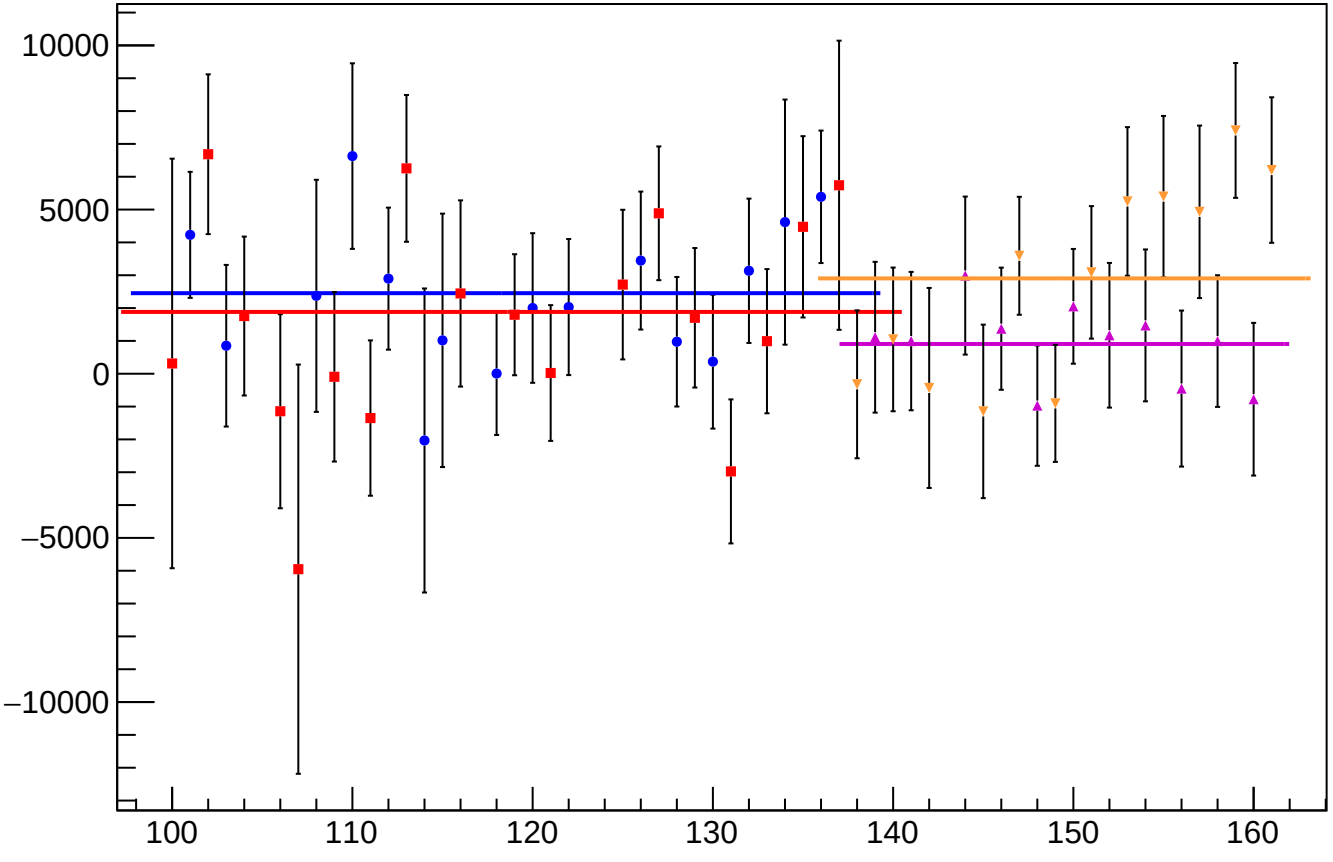
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1493.926+/-0.356 χ^2/NDF:483798.2/10

Out: 1494.197+/-0.359 χ^2/NDF:573342.9/11

All: 1494.060+/-0.253 χ^2/NDF: 1057141.3/22

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2904.229+/-635.788 χ^2/NDF:20.8/11

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

Left In: 906.388+/-631.812 χ^2/NDF:3.2/10

Left: 1899.043+/-448.157 χ^2/NDF: 29.0/22

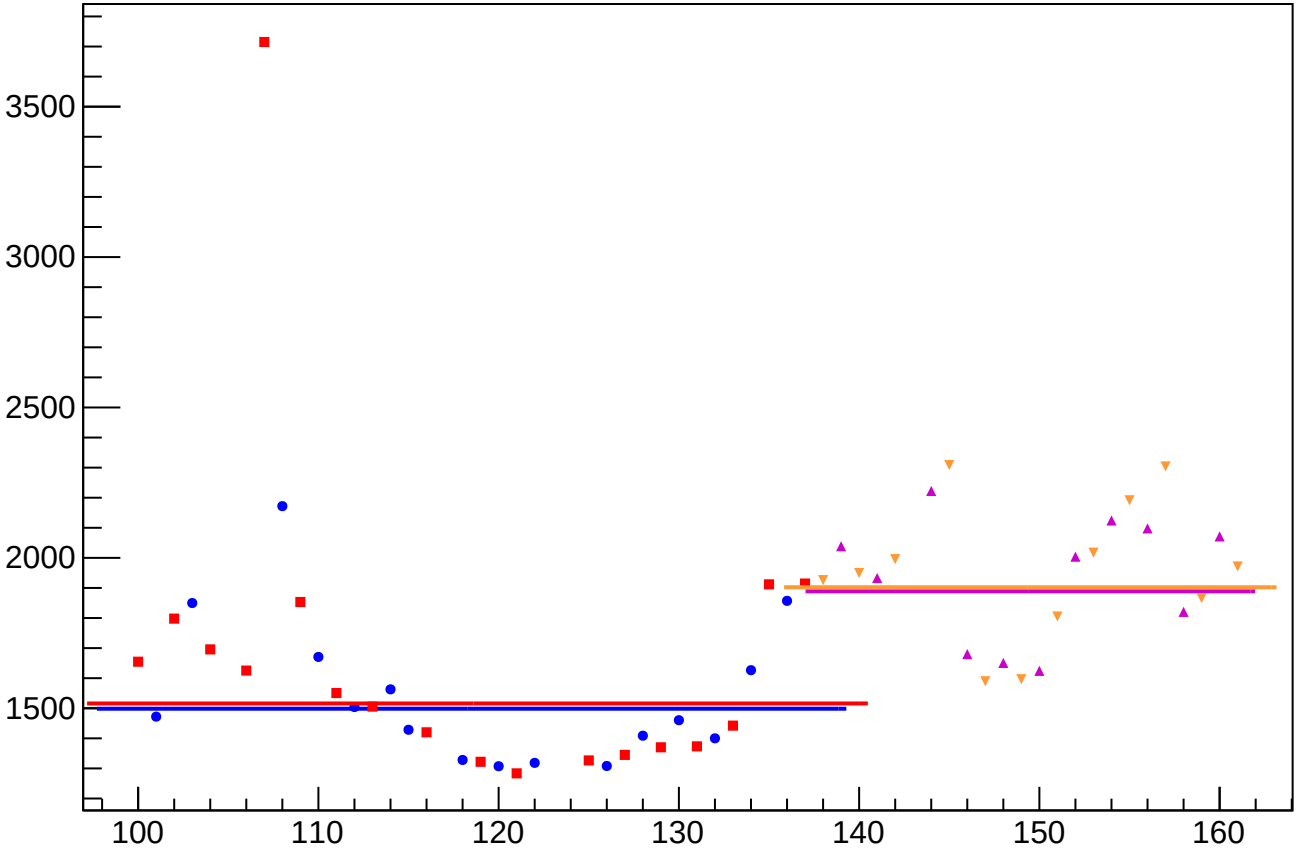
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 1740.379+/-428.980 χ^2/NDF:17.2/26

Out: 2349.497+/-429.771 χ^2/NDF:44.9/29

All: 2044.376+/-303.614 χ^2/NDF: 63.1/56

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1902.278+/-0.450 χ^2/NDF:256525.8/11

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

Left In: 1888.748+/-0.447 χ^2/NDF:208852.1/10

Left: 1895.470+/-0.317 χ^2/NDF: 465833.6/22

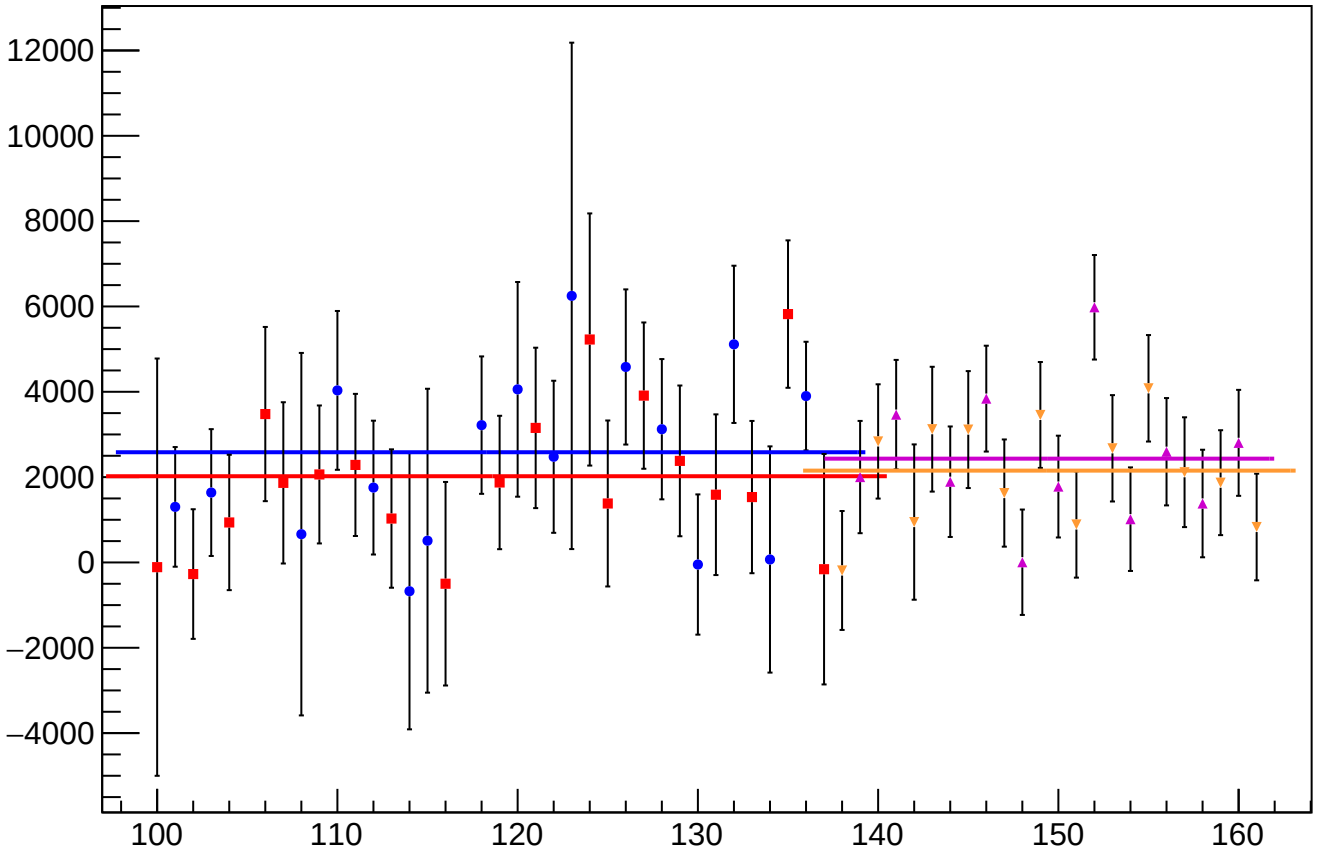
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1678.395+/-0.303 χ^2/NDF:878962.4/26

Out: 1692.474+/-0.304 χ^2/NDF:1138097.2/29

All: 1685.421+/-0.215 χ^2/NDF: 2018134.7/56

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2152.244+/-365.344 χ^2/NDF:10.5/12

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

Left In: 2432.644+/-376.776 χ^2/NDF:16.9/10

Left: 2288.126+/-262.286 χ^2/NDF: 27.7/23

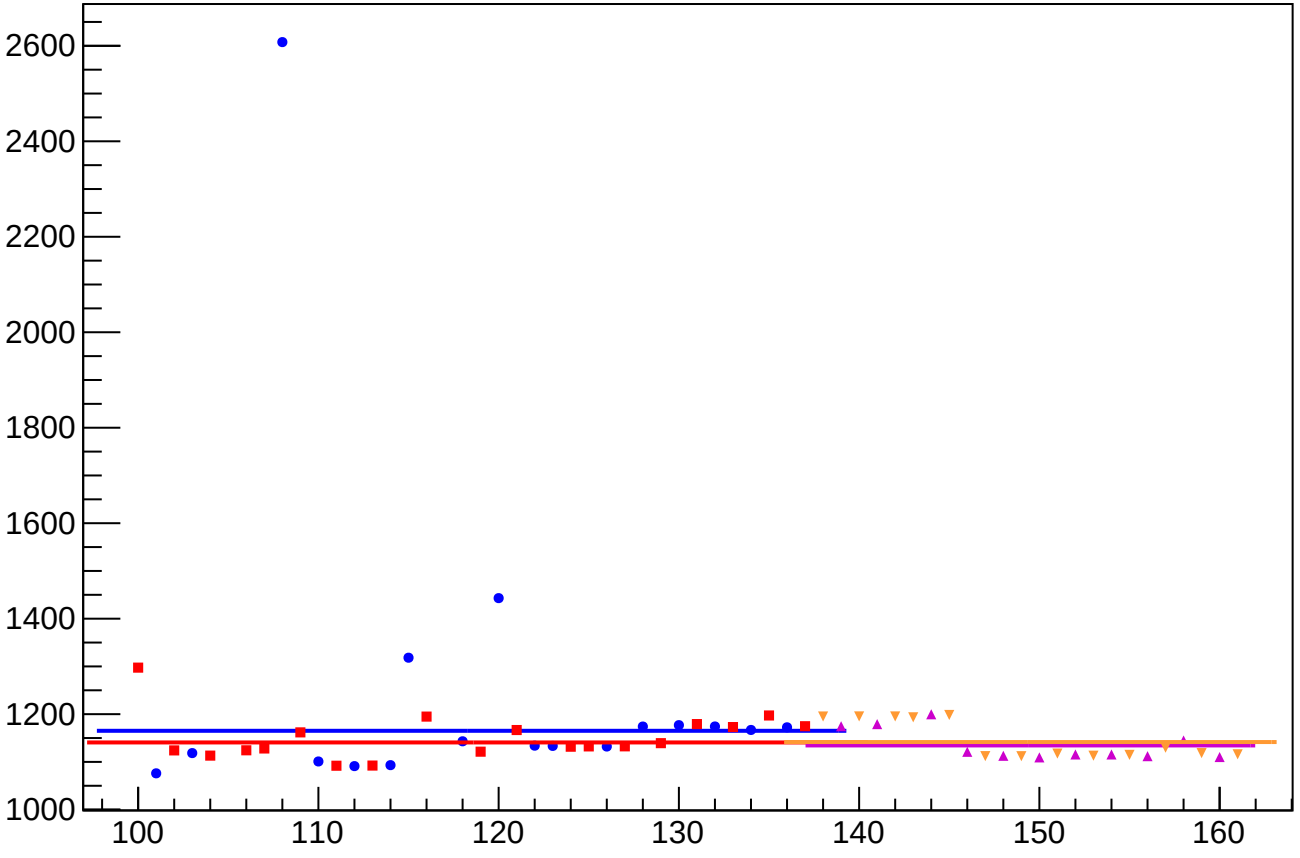
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2494.090+/-289.726 χ^2/NDF:29.3/27

Out: 2096.624+/-277.533 χ^2/NDF:24.0/31

All: 2286.818+/-200.417 χ^2/NDF: 54.3/59

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1141.590+/-0.258 χ^2/NDF:20530.7/12

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

Left In: 1134.486+/-0.266 χ^2/NDF:13601.4/10

Left: 1138.148+/-0.185 χ^2/NDF: 34498.5/23

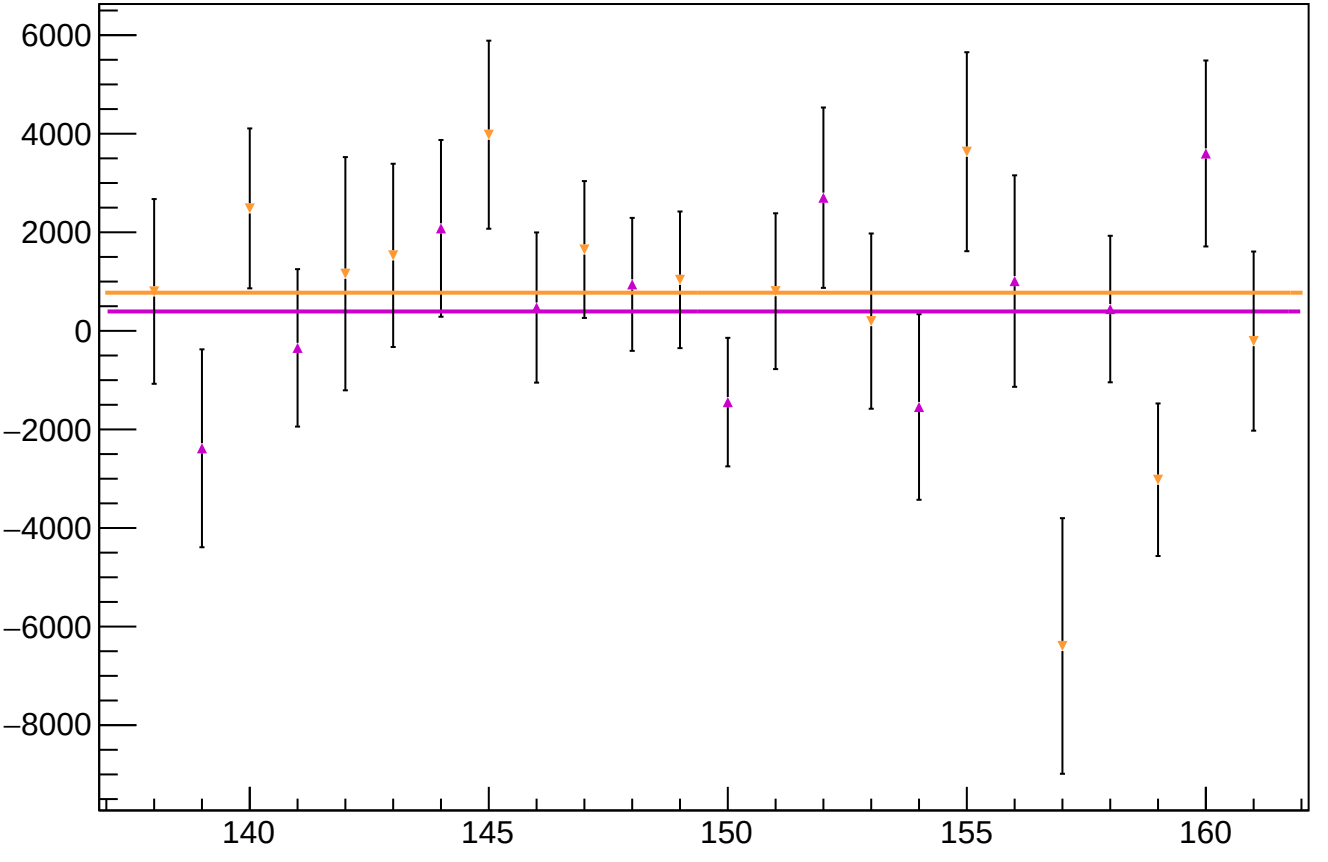
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1147.017+/-0.205 χ^2/NDF:297584.2/27

Out: 1141.236+/-0.196 χ^2/NDF:33252.8/31

All: 1144.002+/-0.142 χ^2/NDF: 331252.3/59

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 774.587+/-483.507 χ^2/NDF:20.6/12

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

Left In: 393.497+/-496.836 χ^2/NDF:10.8/10

Left: 589.223+/-346.508 χ^2/NDF: 31.7/23

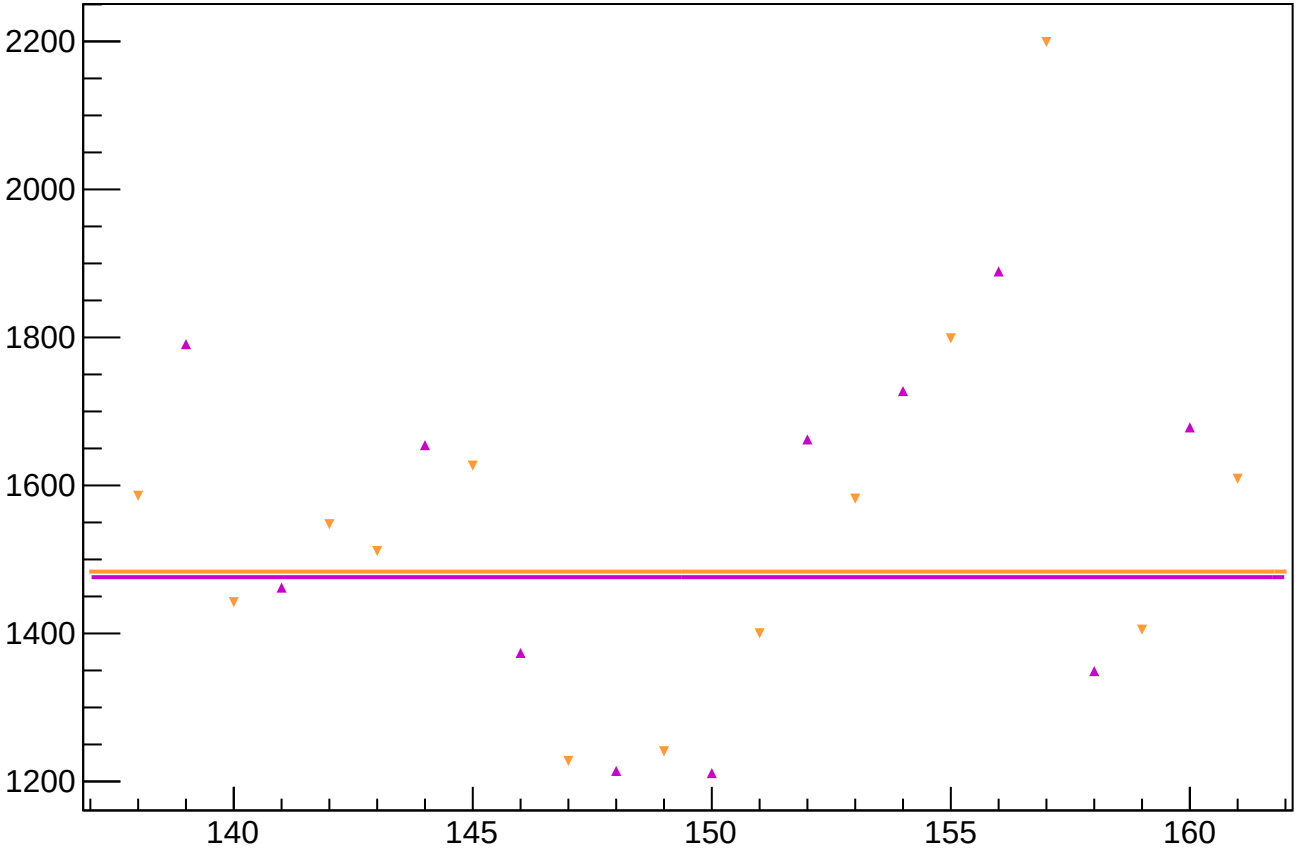
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 393.497+/-496.836 χ^2/NDF:10.8/10

Out: 774.587+/-483.507 χ^2/NDF:20.6/12

All: 589.223+/-346.508 χ^2/NDF: 31.7/23

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1483.590+/-0.342 χ^2/NDF:377154.5/12

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

Left In: 1476.046+/-0.351 χ^2/NDF:404197.1/10

Left: 1479.921+/-0.245 χ^2/NDF: 781588.4/23

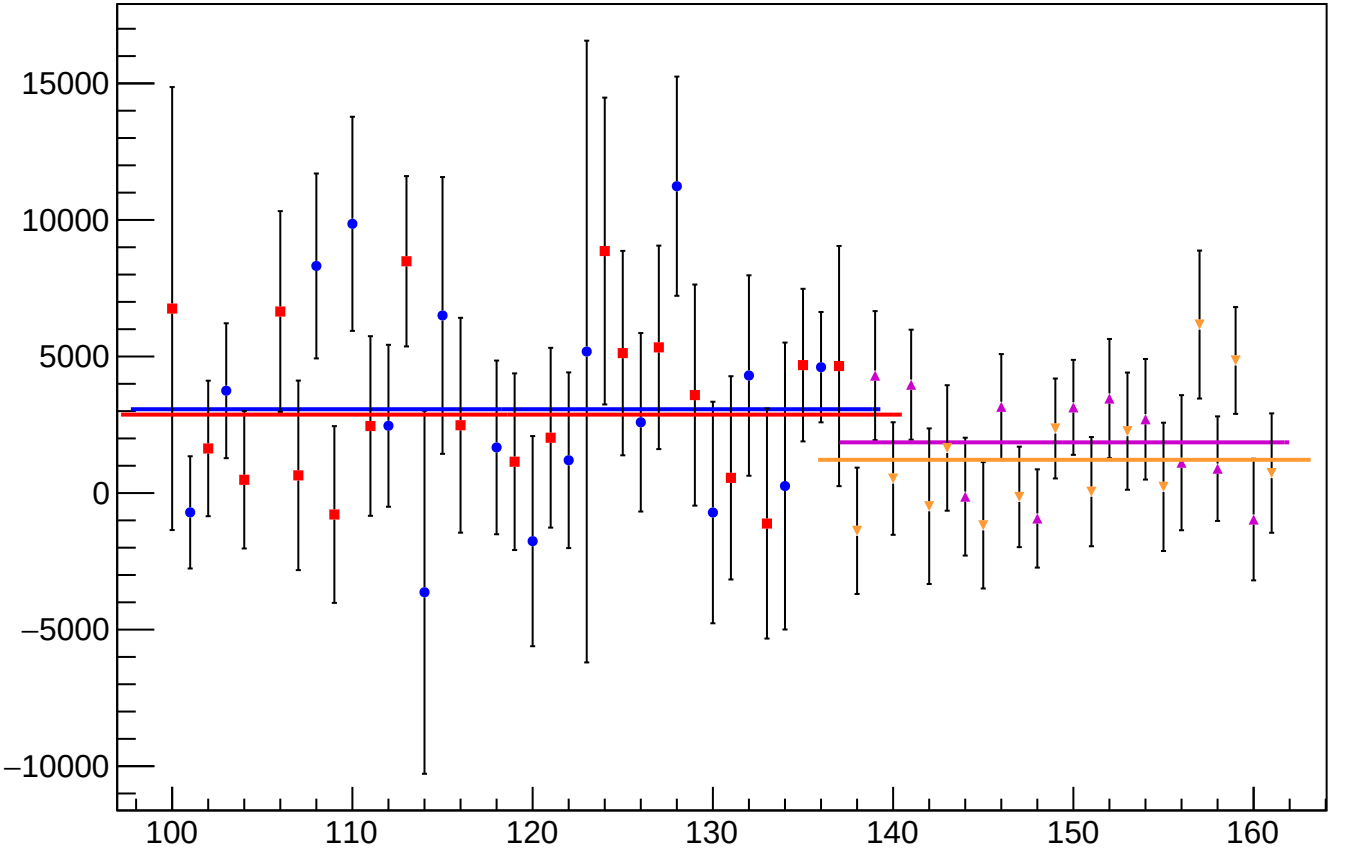
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1476.046+/-0.351 χ^2/NDF:404197.1/10

Out: 1483.590+/-0.342 χ^2/NDF:377154.5/12

All: 1479.921+/-0.245 χ^2/NDF: 781588.4/23

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1217.417+/-600.614 χ^2/NDF:11.4/12

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

Left In: 1856.771+/-619.914 χ^2/NDF:9.1/10

Left: 1526.986+/-431.360 χ^2/NDF: 21.0/23

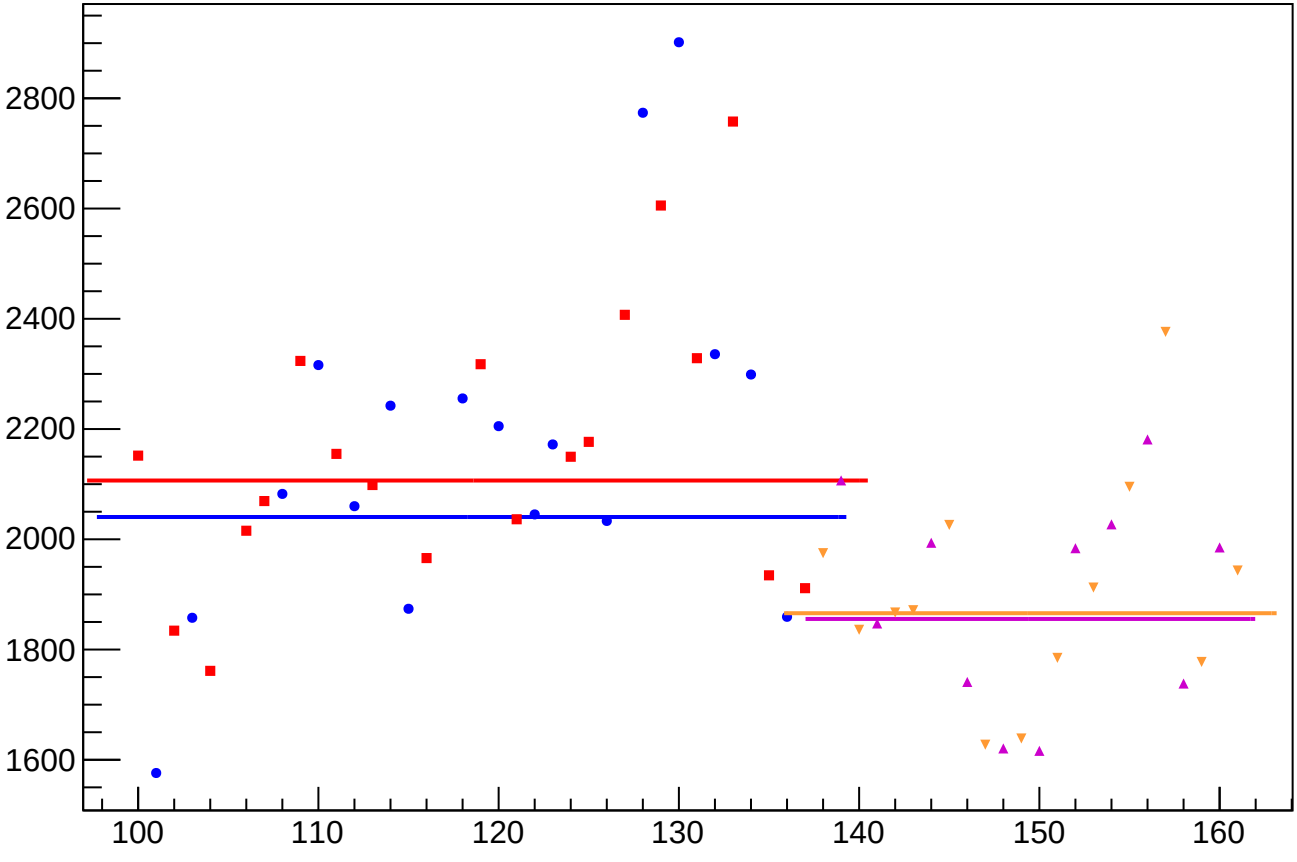
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2313.365+/-489.494 χ^2/NDF:29.0/27

Out: 1818.522+/-479.302 χ^2/NDF:25.7/31

All: 2060.738+/-342.465 χ^2/NDF: 55.3/59

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1865.903+/-0.425 χ^2/NDF:179820.4/12

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

Left In: 1855.489+/-0.438 χ^2/NDF:177826.0/10

Left: 1860.861+/-0.305 χ^2/NDF: 357937.6/23

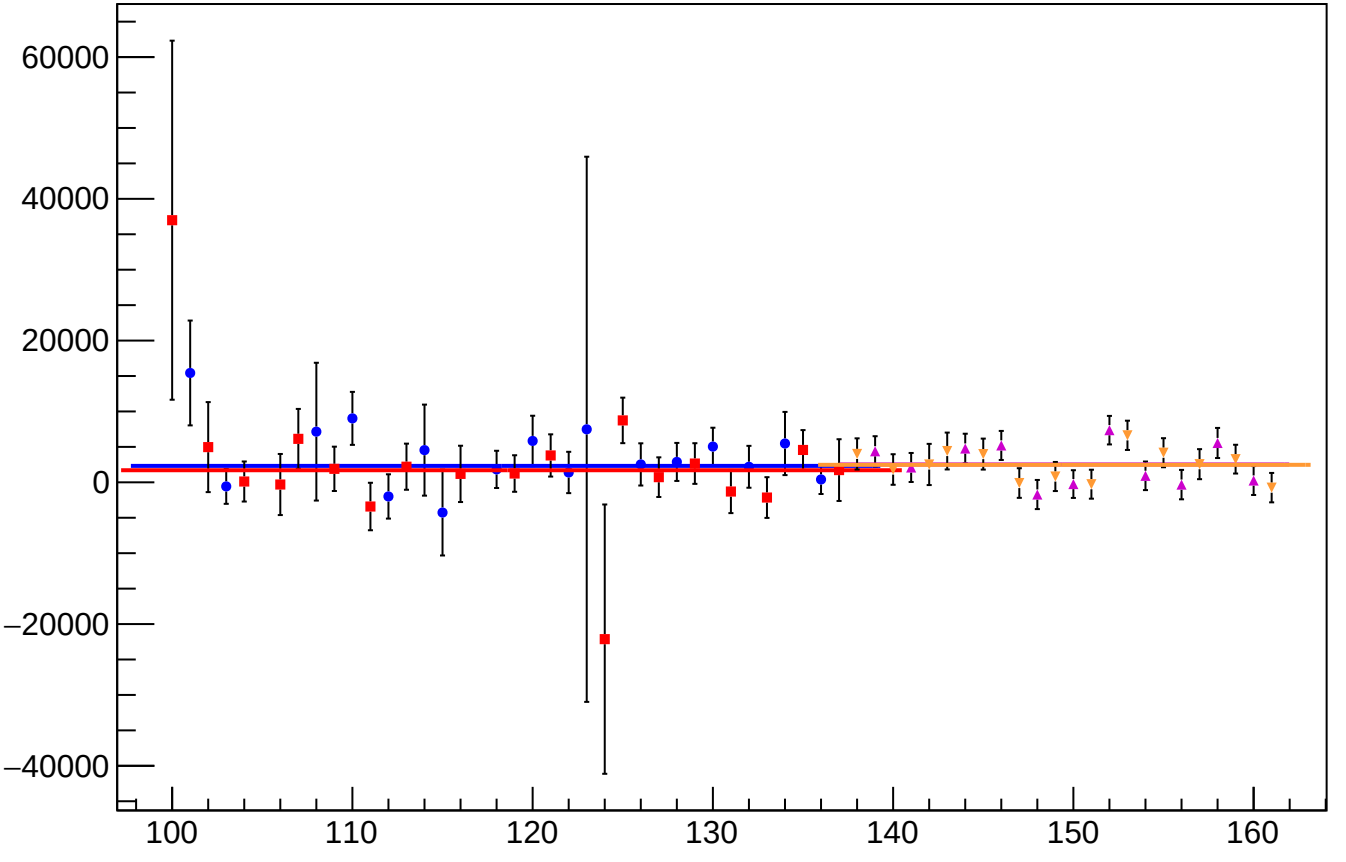
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1925.122+/-0.346 χ^2/NDF:576188.3/27

Out: 1953.323+/-0.339 χ^2/NDF:491907.5/31

All: 1939.519+/-0.242 χ^2/NDF: 1071485.0/59

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2468.802+/-600.523 χ^2/NDF:12.9/12

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

Left In: 2522.800+/-618.681 χ^2/NDF:21.5/10

Left: 2494.997+/-430.910 χ^2/NDF: 34.4/23

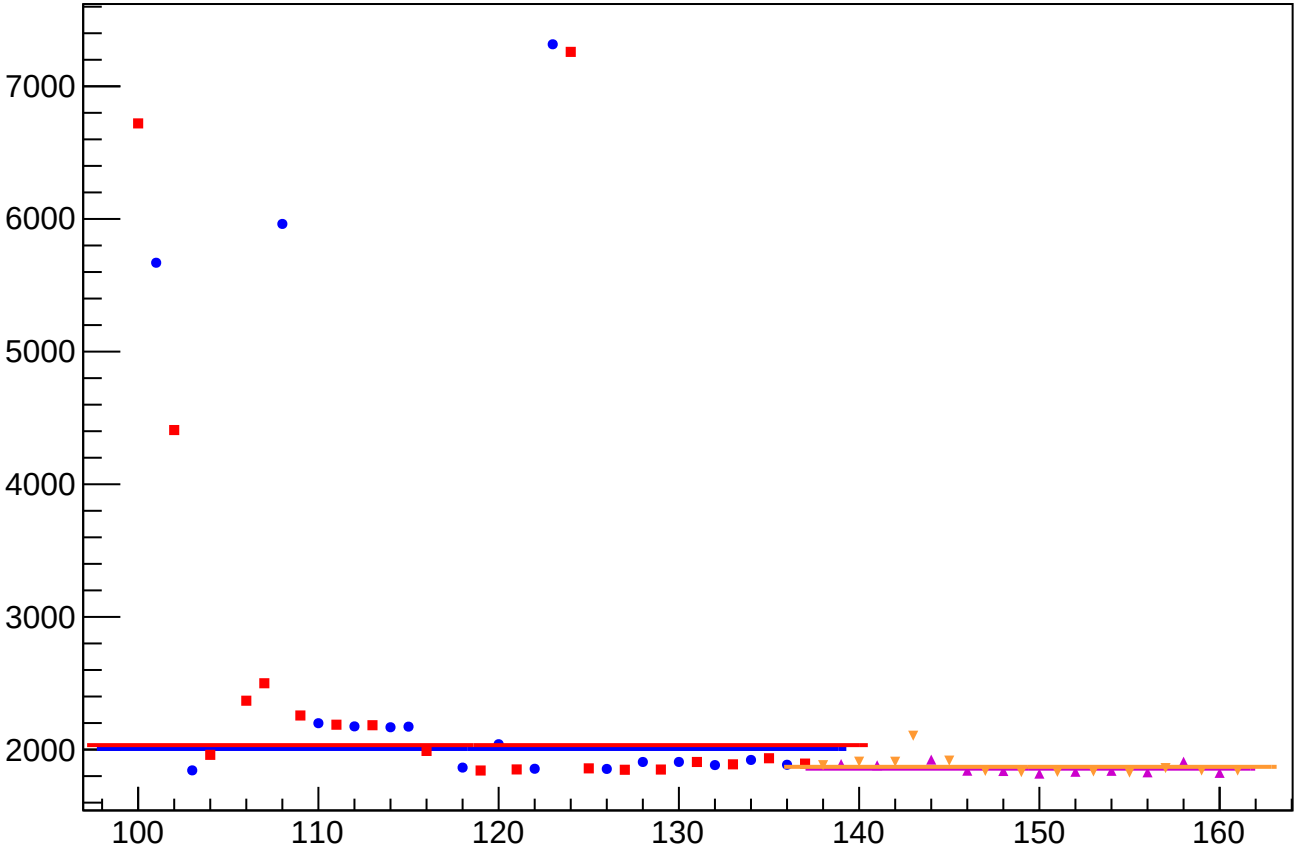
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2446.714+/-489.734 χ^2/NDF:36.3/27

Out: 2186.038+/-476.479 χ^2/NDF:30.6/31

All: 2312.800+/-341.511 χ^2/NDF: 67.1/59

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1869.955+/-0.425 χ^2/NDF:22404.3/12

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

Left In: 1856.073+/-0.437 χ^2/NDF:6390.1/10

Left: 1863.221+/-0.305 χ^2/NDF: 29312.9/23

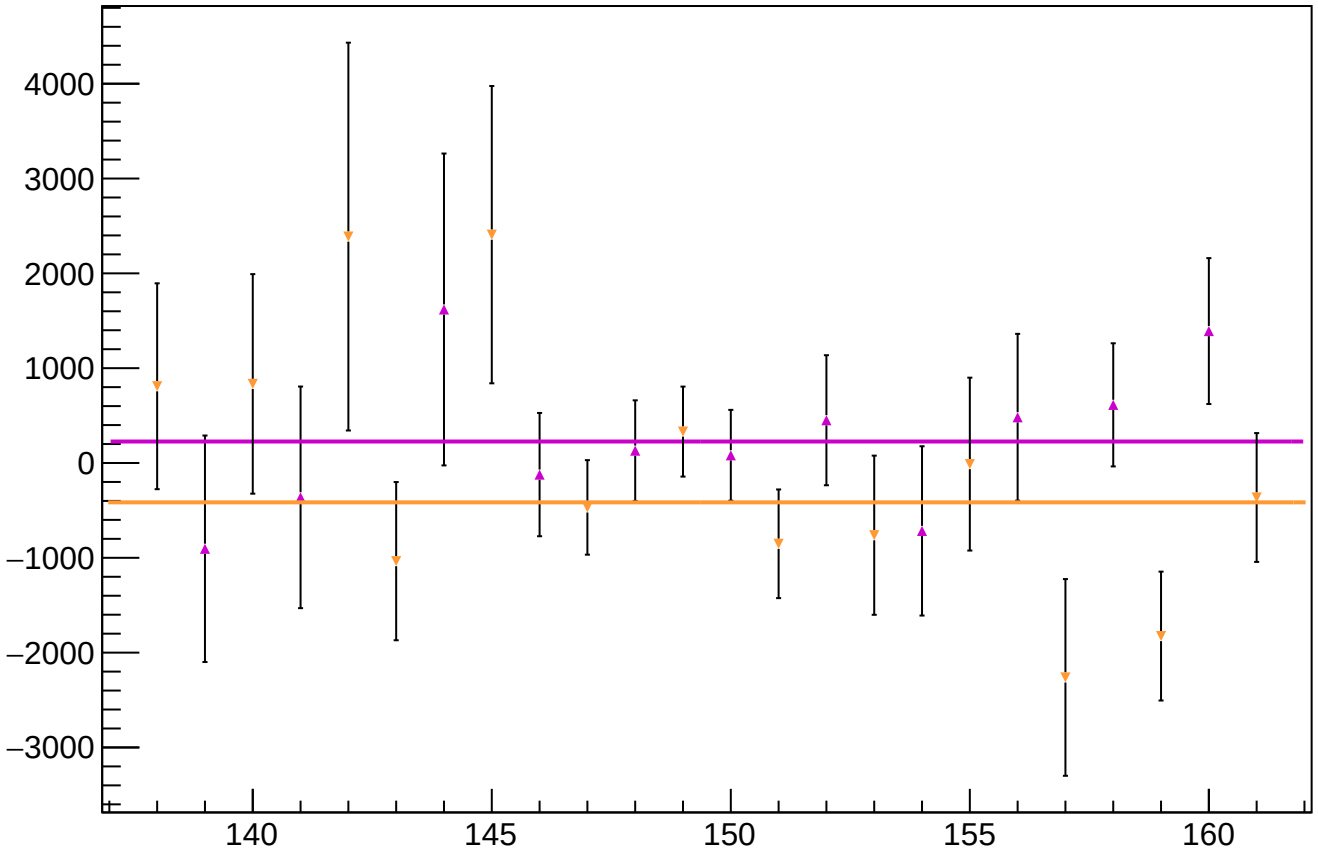
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1911.515+/-0.346 χ^2/NDF:965416.1/27

Out: 1930.538+/-0.337 χ^2/NDF:688358.7/31

All: 1921.287+/-0.241 χ^2/NDF: 1655324.9/59

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -415.002+/-208.195 χ^2/NDF:19.0/12

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

Left In: 226.458+/-219.189 χ^2/NDF:6.2/10

Left: -110.763+/-150.953 χ^2/NDF: 29.8/23

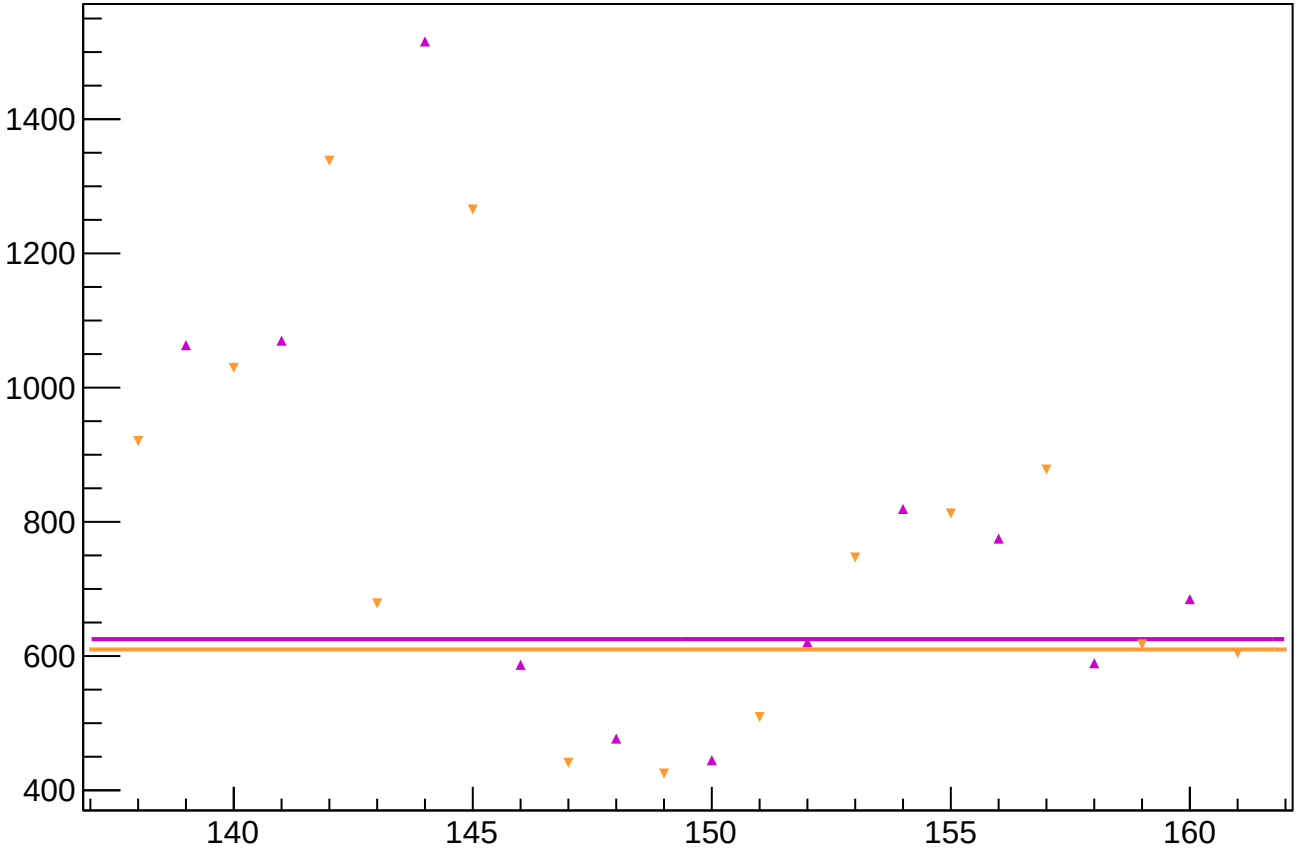
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 226.458+/-219.189 χ^2/NDF:6.2/10

Out: -415.002+/-208.195 χ^2/NDF:19.0/12

All: -110.763+/-150.953 χ^2/NDF: 29.8/23

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 609.882+/-0.147 χ^2/NDF:1924025.9/12

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

Left In: 625.311+/-0.155 χ^2/NDF:1762604.8/10

Left: 617.200+/-0.107 χ^2/NDF: 3691840.4/23

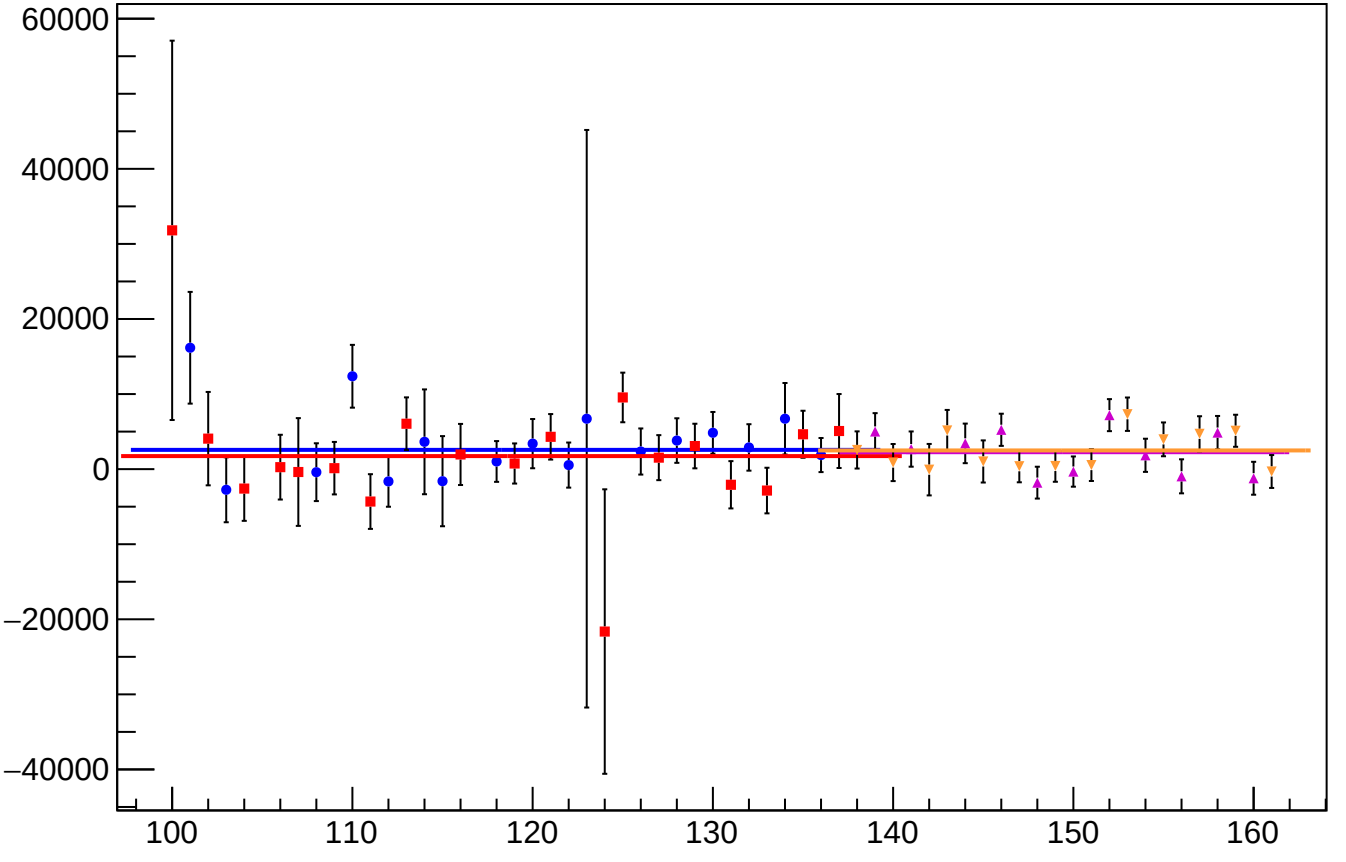
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 625.311+/-0.155 χ^2/NDF:1762604.8/10

Out: 609.882+/-0.147 χ^2/NDF:1924025.9/12

All: 617.200+/-0.107 χ^2/NDF: 3691840.4/23

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2491.216+/-652.445 χ^2/NDF:14.2/12

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

Left In: 2256.349+/-672.595 χ^2/NDF:20.0/10

Left: 2377.354+/-468.310 χ^2/NDF: 34.3/23

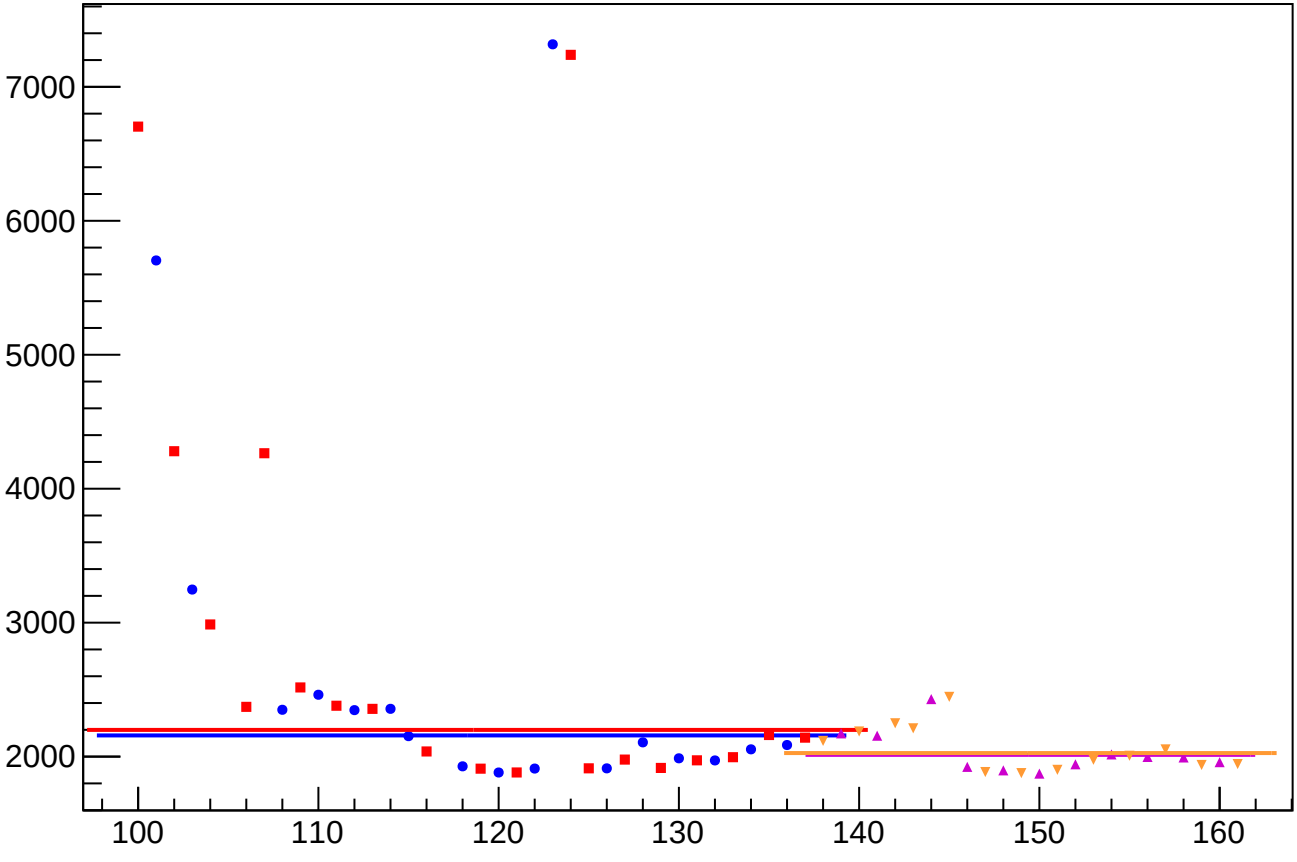
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2374.838+/-528.887 χ^2/NDF:35.7/27

Out: 2213.160+/-518.271 χ^2/NDF:35.2/31

All: 2292.360+/-370.169 χ^2/NDF: 70.9/59

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2026.506+/-0.461 χ^2/NDF:107067.3/12

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

Left In: 2013.017+/-0.476 χ^2/NDF:88676.6/10

Left: 2019.967+/-0.331 χ^2/NDF: 196158.3/23

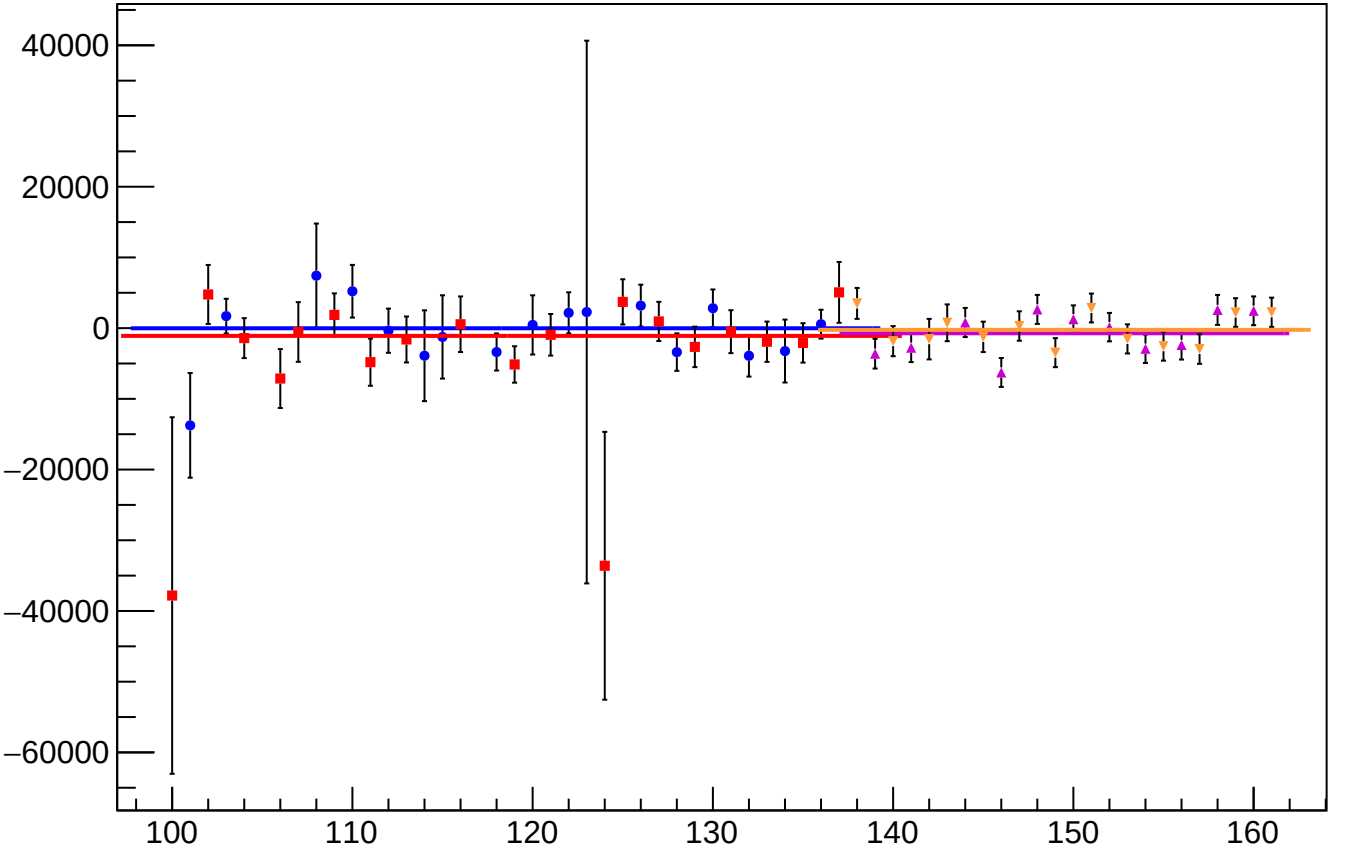
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2068.410+/-0.374 χ^2/NDF:838080.0/27

Out: 2090.284+/-0.366 χ^2/NDF:961879.7/31

All: 2079.569+/-0.262 χ^2/NDF: 1801704.9/59

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -237.127+/-597.378 χ^2/NDF:15.1/12

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

Left In: -724.872+/-616.226 χ^2/NDF:21.4/10

Left: -473.427+/-428.919 χ^2/NDF: 36.9/23

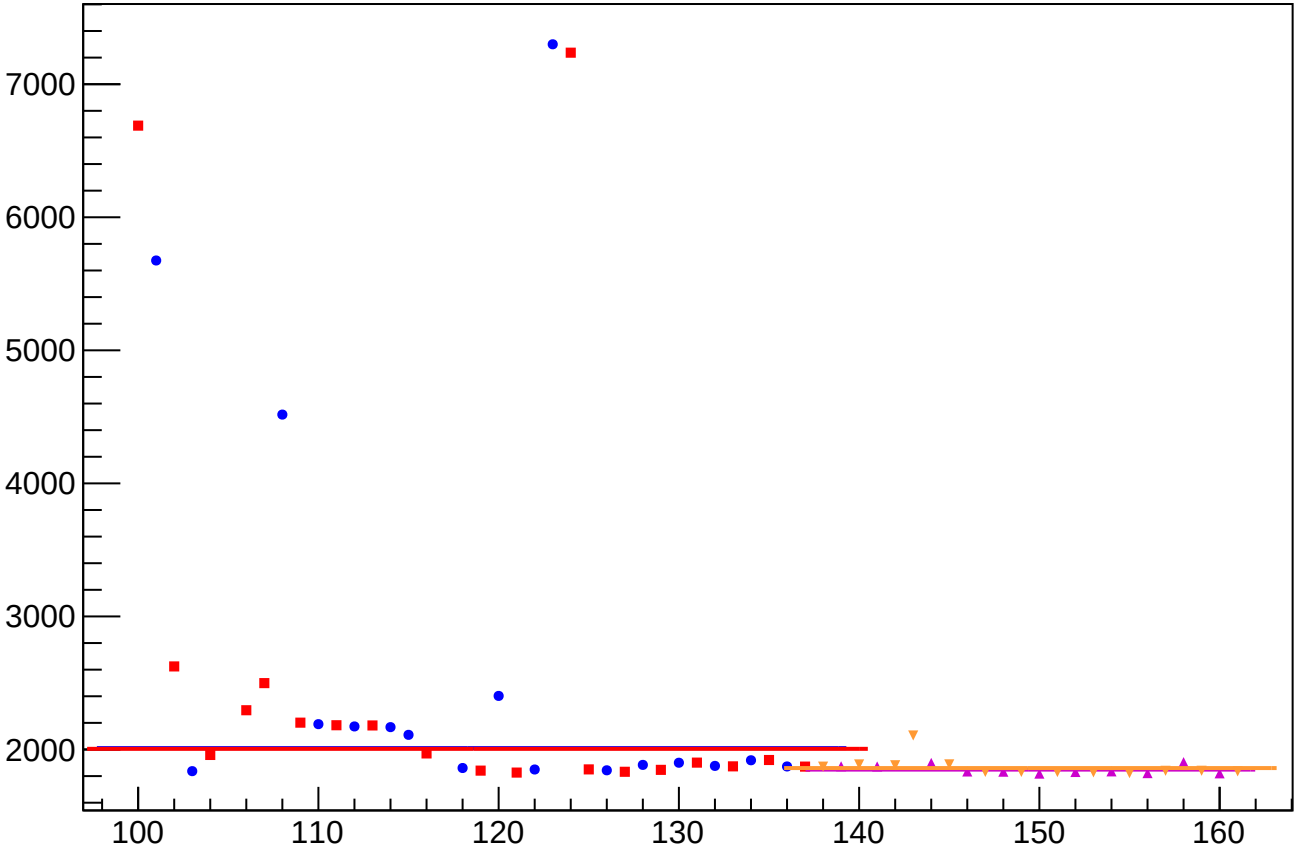
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -462.325+/-488.506 χ^2/NDF:37.8/27

Out: -559.770+/-471.926 χ^2/NDF:35.3/31

All: -512.729+/-339.412 χ^2/NDF: 73.1/59

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1860.280+/-0.422 χ^2/NDF:21642.7/12

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

Left In: 1848.829+/-0.436 χ^2/NDF:4784.9/10

Left: 1854.732+/-0.303 χ^2/NDF: 26783.6/23

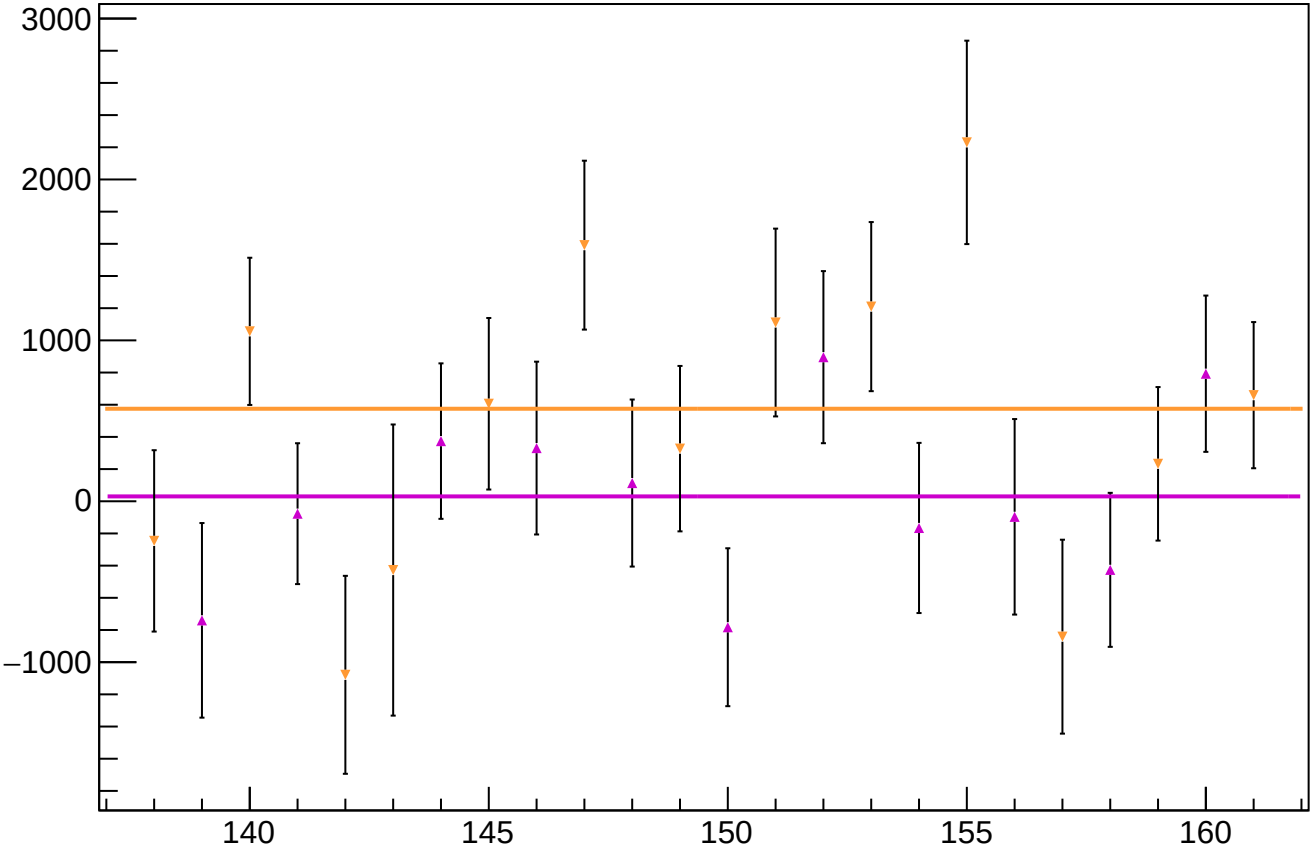
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1908.816+/-0.345 χ^2/NDF:895538.1/27

Out: 1914.637+/-0.334 χ^2/NDF:433207.6/31

All: 1911.827+/-0.240 χ^2/NDF: 1328892.5/59

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 575.020+/-151.133 χ^2/NDF:30.9/12

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

Left In: 30.276+/-154.381 χ^2/NDF:11.4/10

Left: 308.439+/-107.997 χ^2/NDF: 48.7/23

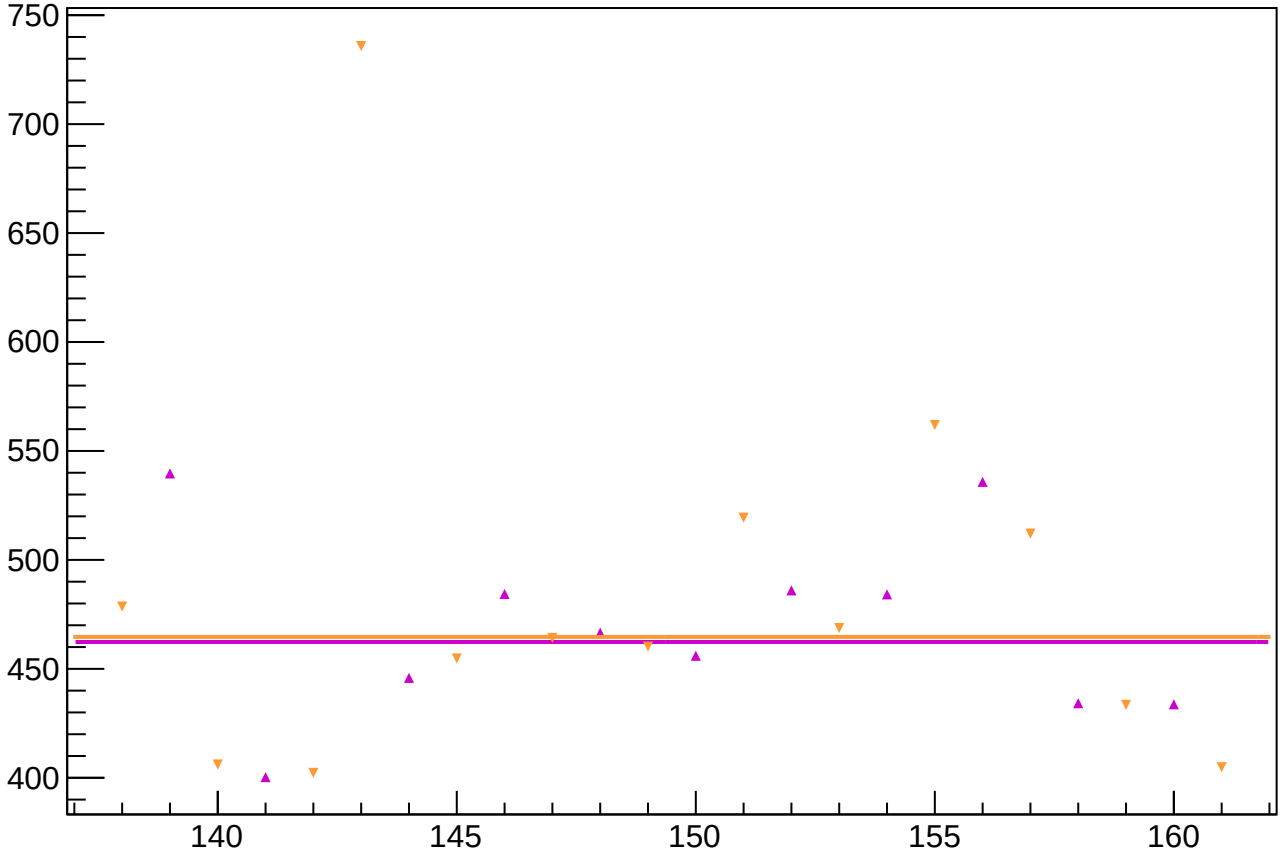
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 30.276+/-154.381 χ^2/NDF:11.4/10

Out: 575.020+/-151.133 χ^2/NDF:30.9/12

All: 308.439+/-107.997 χ^2/NDF: 48.7/23

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 464.653+/-0.107 χ^2/NDF:355711.6/12

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

Left In: 462.321+/-0.109 χ^2/NDF:129477.5/10

Left: 463.512+/-0.076 χ^2/NDF: 485422.2/23

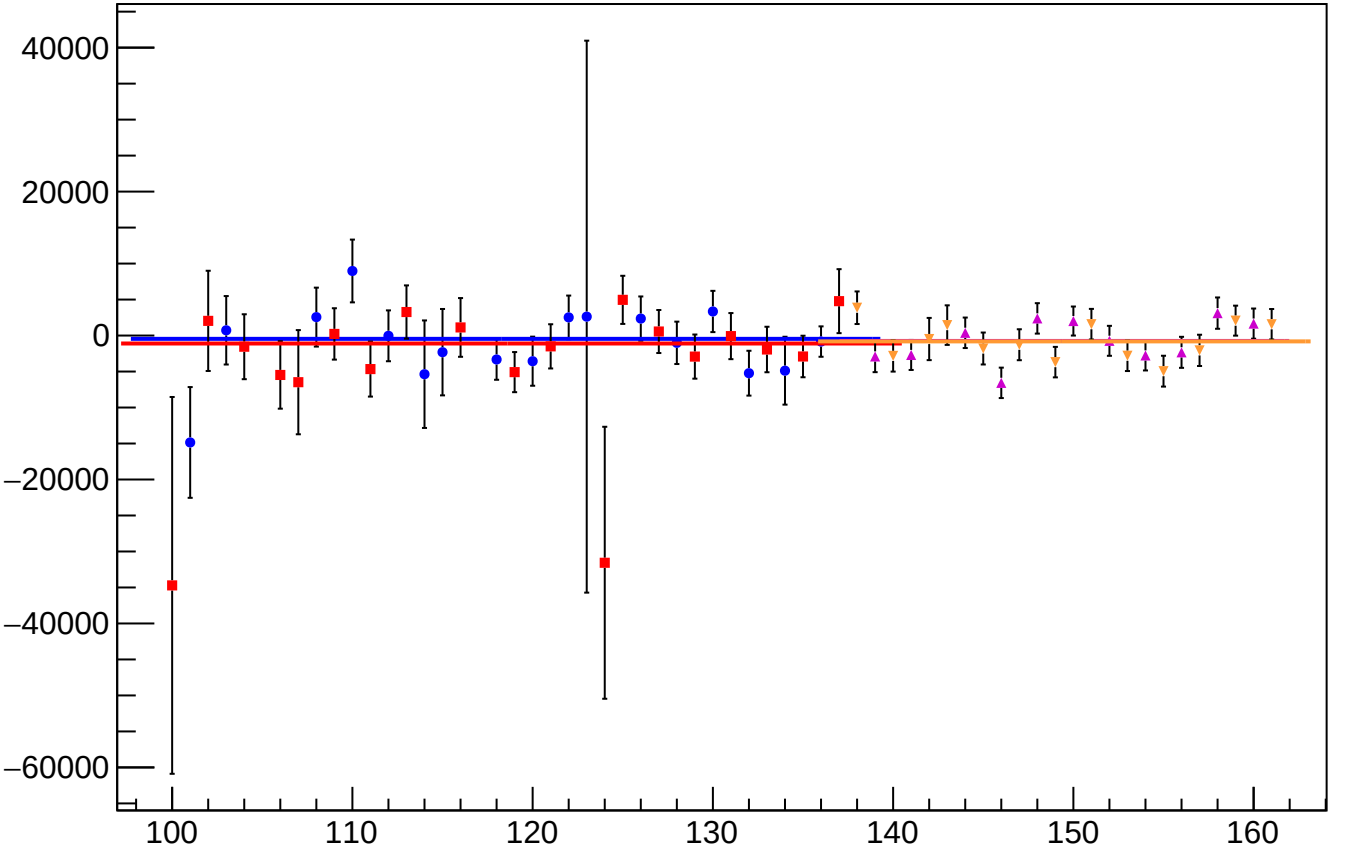
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 462.321+/-0.109 χ^2/NDF:129477.5/10

Out: 464.653+/-0.107 χ^2/NDF:355711.6/12

All: 463.512+/-0.076 χ^2/NDF: 485422.2/23

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -811.108+/-617.652 χ^2/NDF:17.3/12

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

Left In: -750.835+/-636.068 χ^2/NDF:19.7/10

Left: -781.856+/-443.113 χ^2/NDF: 37.0/23

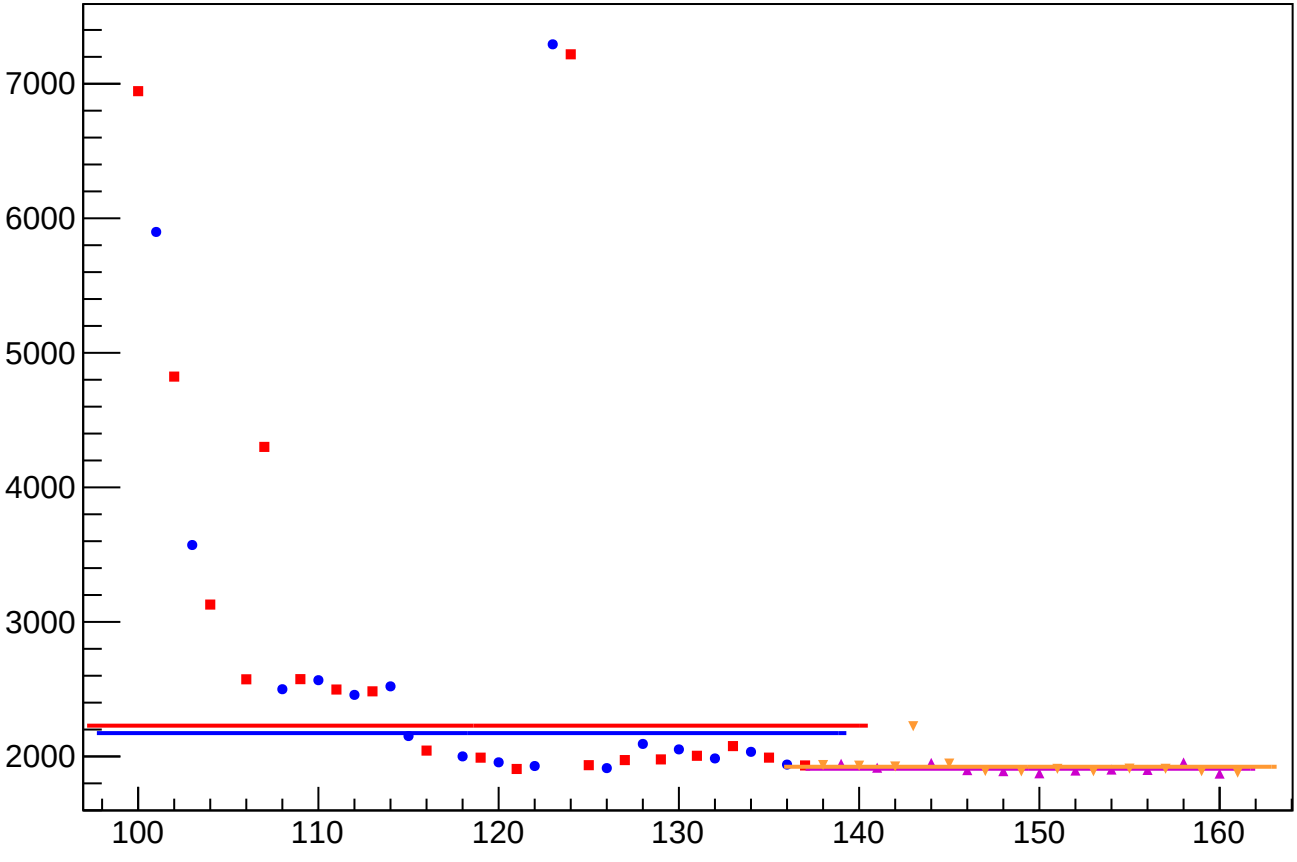
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -648.196+/-512.469 χ^2/NDF:37.9/27

Out: -909.793+/-503.083 χ^2/NDF:34.3/31

All: -781.412+/-359.006 χ^2/NDF: 72.3/59

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1923.408+/-0.437 χ^2/NDF:27458.5/12

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

Left In: 1908.617+/-0.450 χ^2/NDF:3850.3/10

Left: 1916.230+/-0.313 χ^2/NDF: 31865.4/23

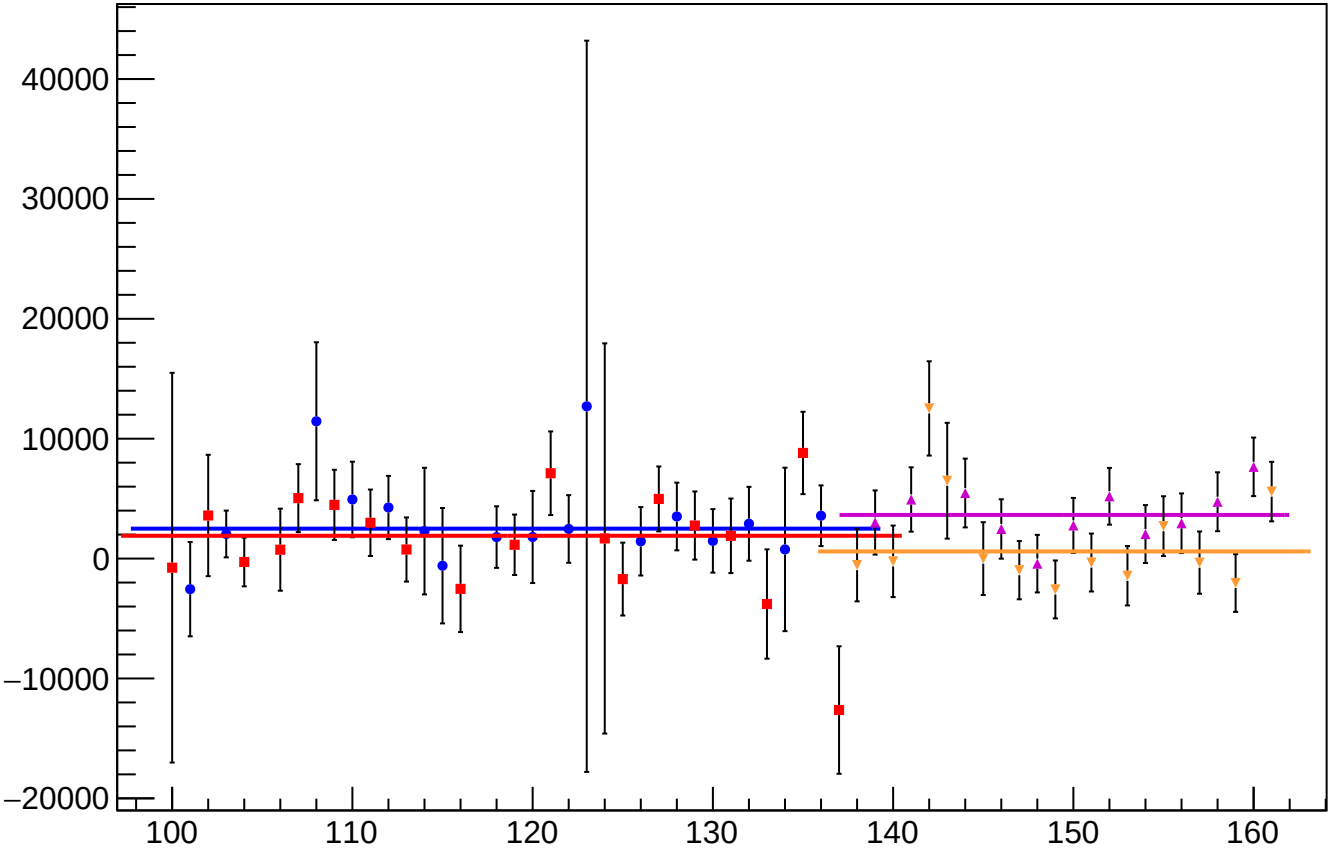
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 2001.568+/-0.362 χ^2/NDF:930935.1/27

Out: 2026.227+/-0.356 χ^2/NDF:1087987.2/31

All: 2014.125+/-0.254 χ^2/NDF: 2021280.5/59

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 595.590+/-754.607 χ^2/NDF:20.0/12

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

Left In: 3639.711+/-751.439 χ^2/NDF:7.8/10

Left: 2124.053+/-532.464 χ^2/NDF: 35.9/23

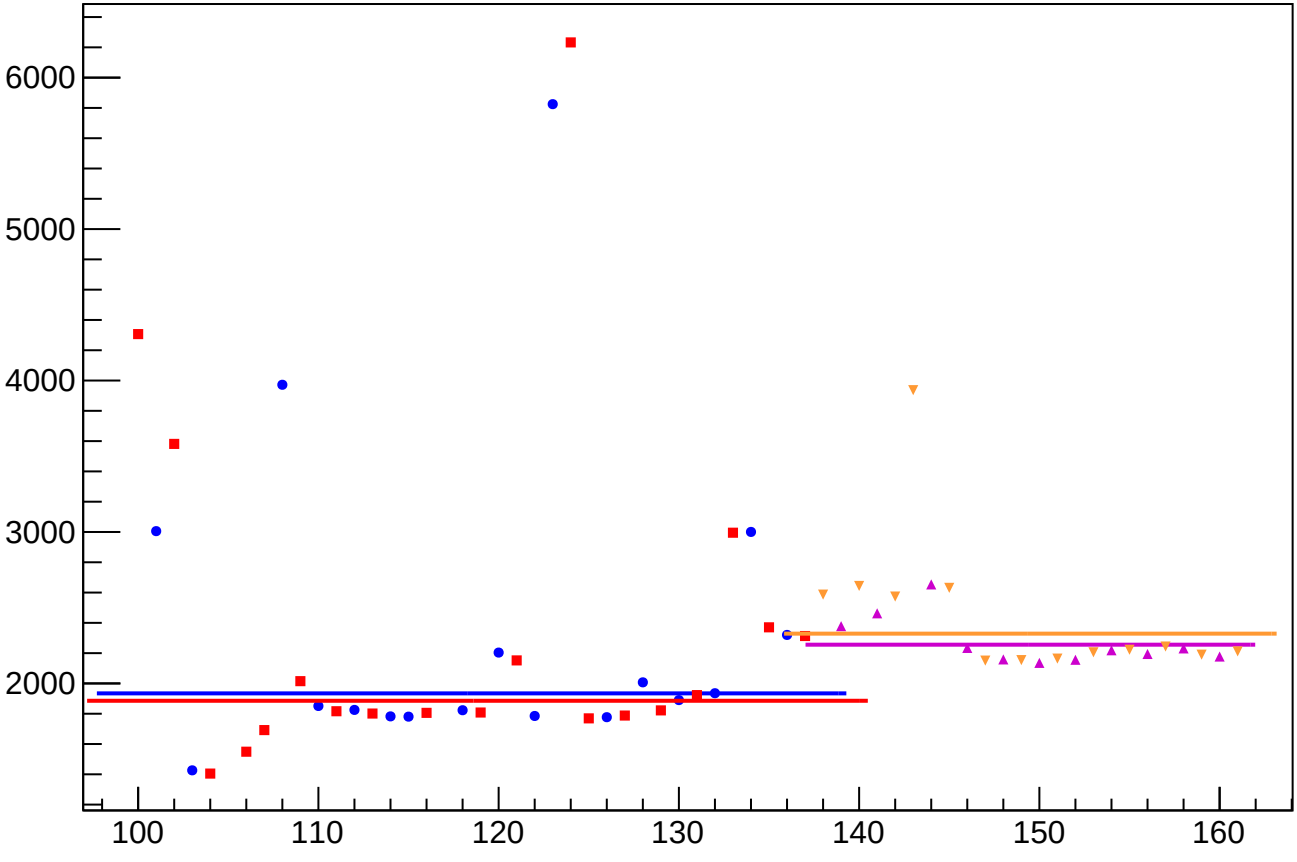
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 3080.837+/-537.208 χ^2/NDF:14.8/27

Out: 1264.894+/-527.177 χ^2/NDF:45.0/31

All: 2155.752+/-376.267 χ^2/NDF: 65.6/59

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2328.762+/-0.534 χ^2/NDF:338226.9/12

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

Left In: 2255.843+/-0.531 χ^2/NDF:70982.6/10

Left: 2292.149+/-0.377 χ^2/NDF: 418586.5/23

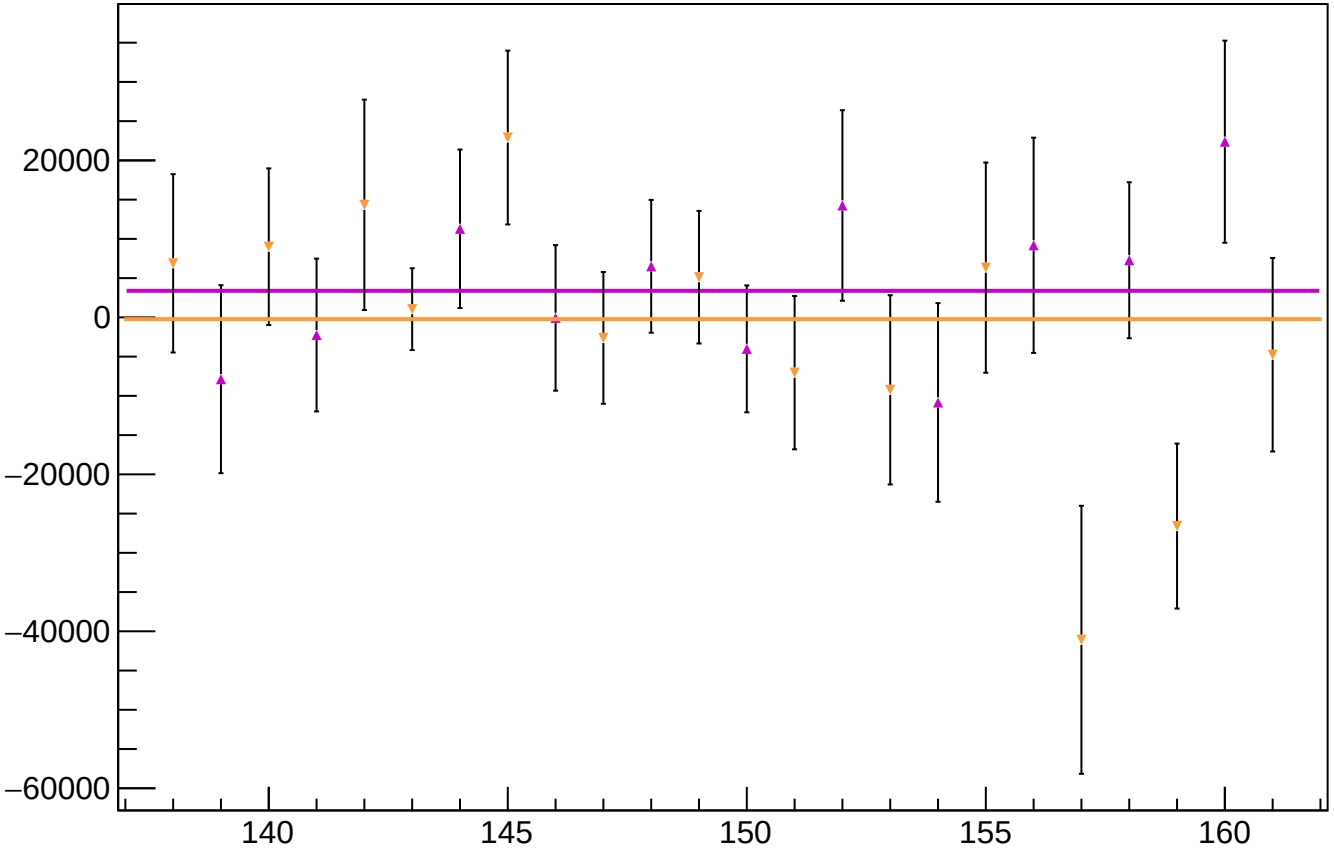
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2098.688+/-0.380 χ^2/NDF:888827.1/27

Out: 2101.821+/-0.373 χ^2/NDF:1443597.1/31

All: 2100.284+/-0.266 χ^2/NDF: 2332458.8/59

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -225.343+/-2686.849 χ^2/NDF:20.8/12

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

Left In: 3381.569+/-3120.063 χ^2/NDF:7.5/10

Left: 1310.515+/-2035.969 χ^2/NDF: 29.1/23

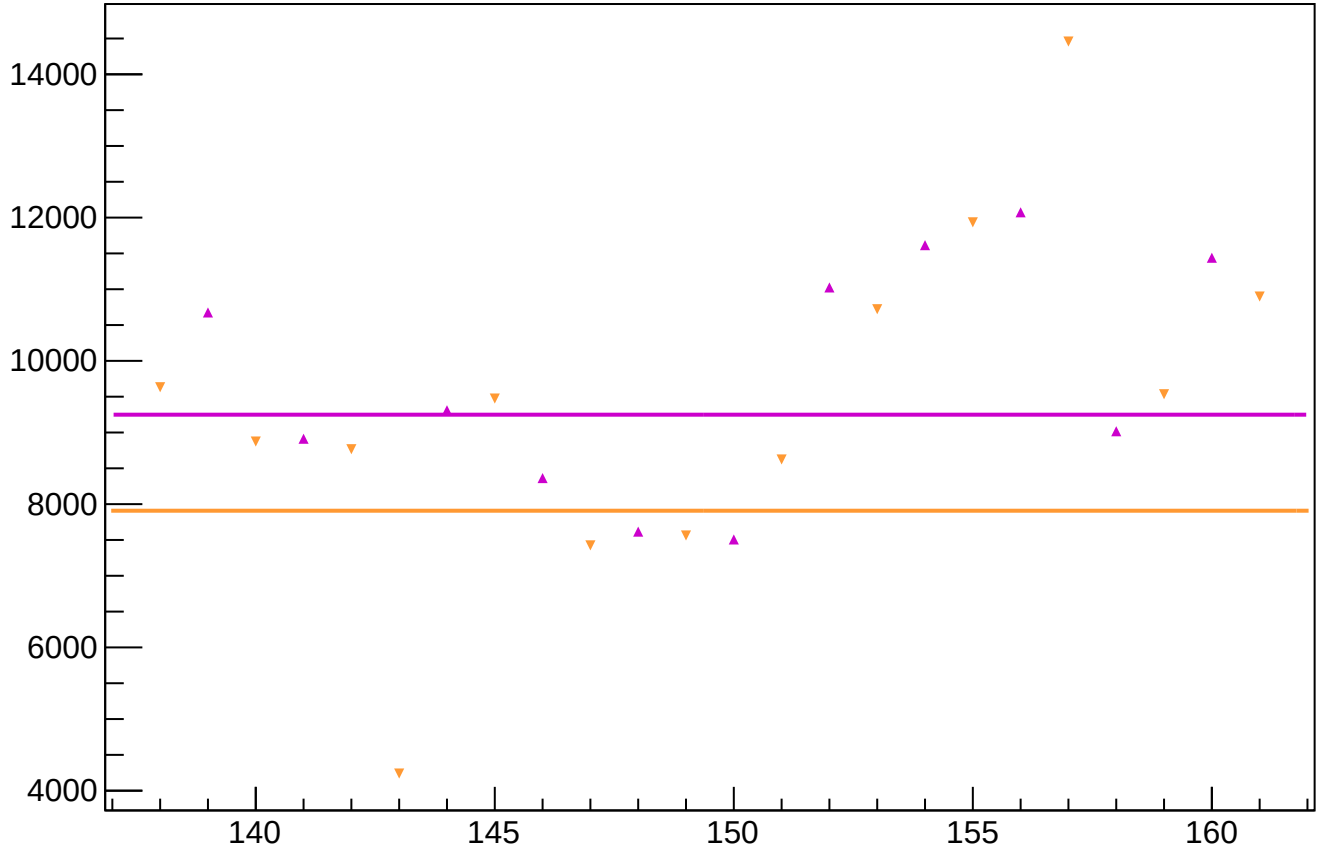
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3381.569+/-3120.063 χ^2/NDF:7.5/10

Out: -225.343+/-2686.849 χ^2/NDF:20.8/12

All: 1310.515+/-2035.969 χ^2/NDF: 29.1/23

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7908.217+/-1.900 χ^2/NDF:1873934.9/12

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

Left In: 9248.712+/-2.206 χ^2/NDF:472938.3/10

Left: 8479.013+/-1.440 χ^2/NDF: 2558850.3/23

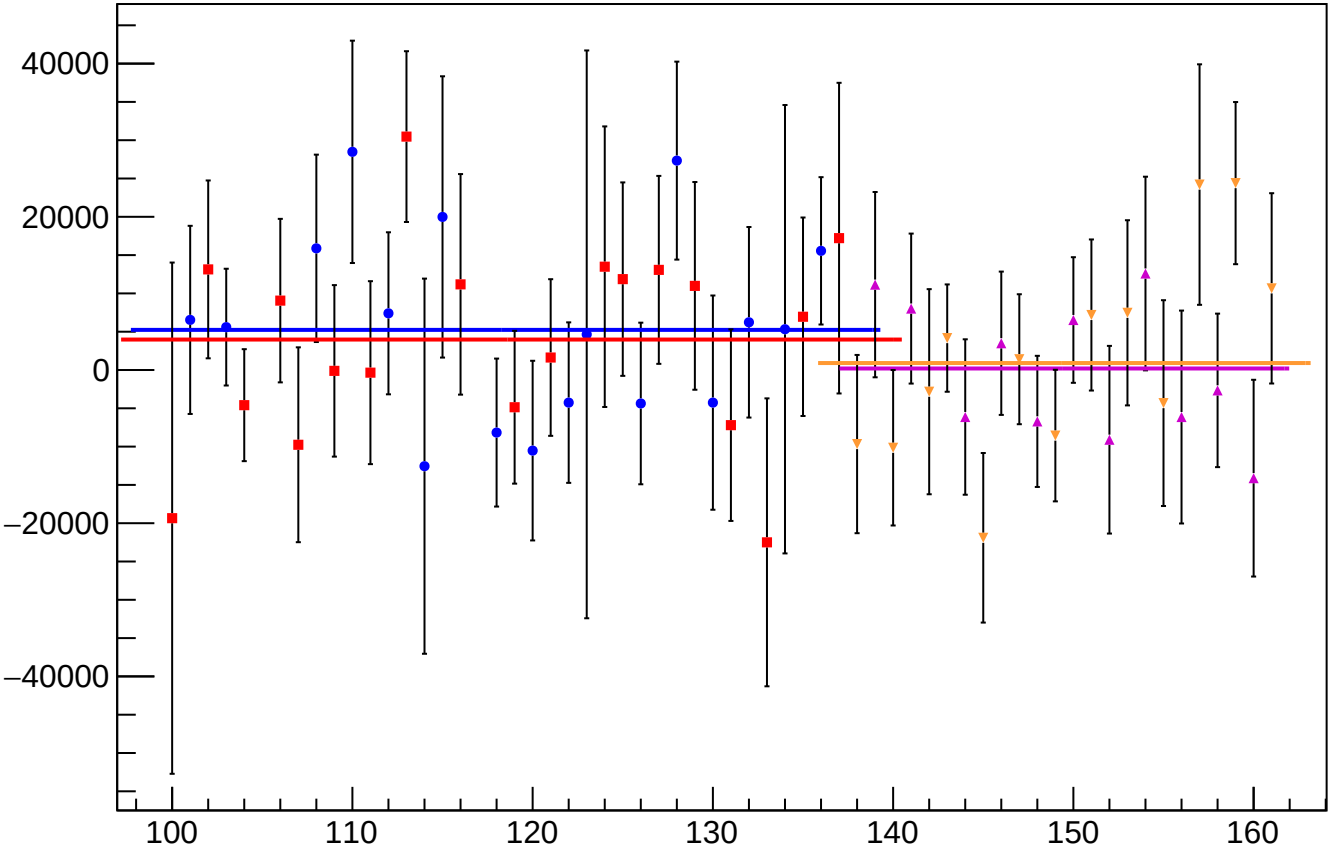
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9248.712+/-2.206 χ^2/NDF:472938.3/10

Out: 7908.217+/-1.900 χ^2/NDF:1873934.9/12

All: 8479.013+/-1.440 χ^2/NDF: 2558850.3/23

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 909.492+/-2877.191 χ^2/NDF:16.4/12

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

Left In: 197.250+/-3145.732 χ^2/NDF:6.3/10

Left: 585.065+/-2123.082 χ^2/NDF: 22.7/23

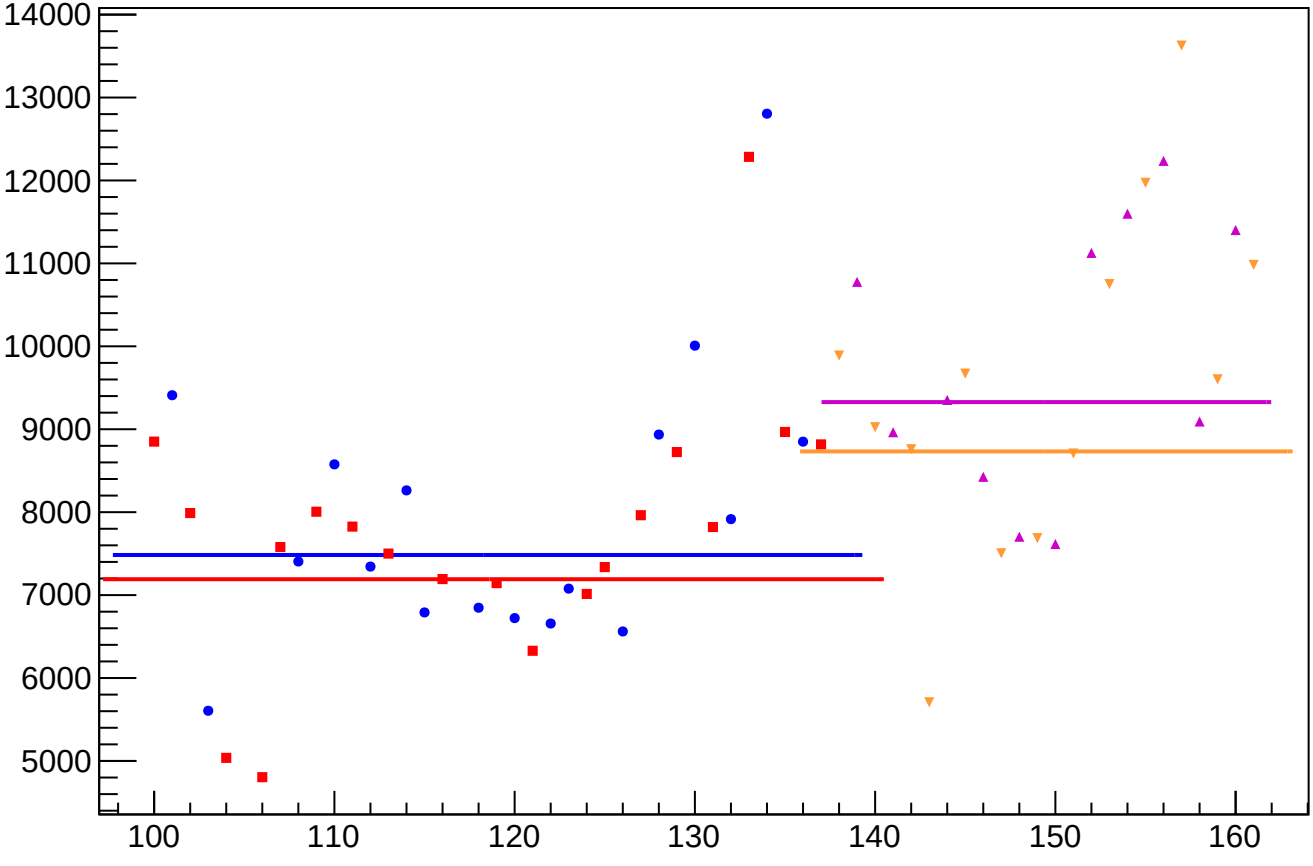
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 2882.876+/-2150.346 χ^2/NDF:22.1/27

Out: 2489.714+/-2003.099 χ^2/NDF:32.6/31

All: 2672.374+/-1465.698 χ^2/NDF: 54.7/59

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8732.524+/-2.034 χ^2/NDF:925749.2/12

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

Left In: 9327.298+/-2.224 χ^2/NDF:457803.7/10

Left: 9003.445+/-1.501 χ^2/NDF: 1422483.0/23

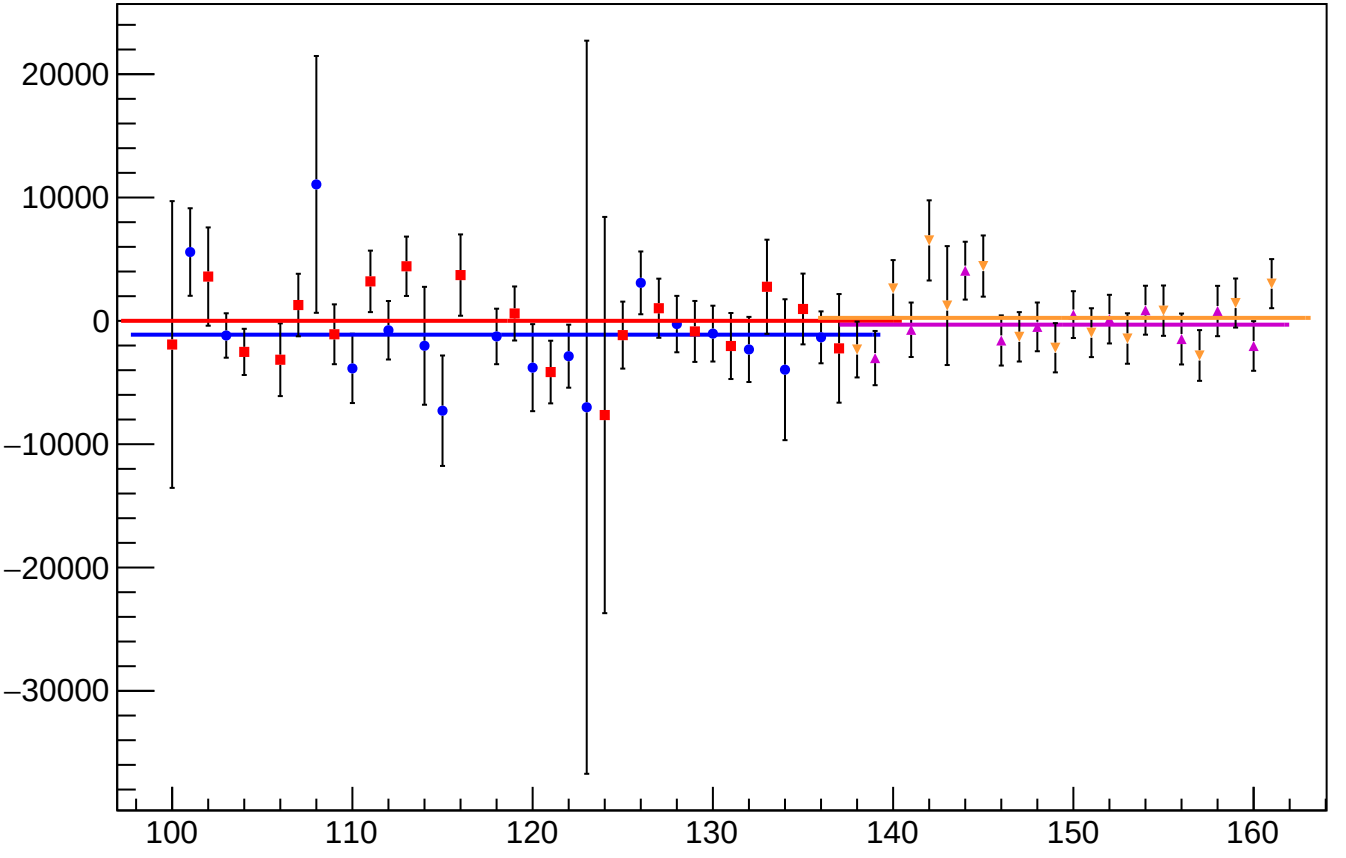
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 8345.190+/-1.521 χ^2/NDF:1255534.5/27

Out: 7938.301+/-1.416 χ^2/NDF:1780207.2/31

All: 8127.328+/-1.036 χ^2/NDF: 3074084.3/59

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 241.177+/-613.185 χ^2/NDF:16.7/12

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

Left In: -308.715+/-619.931 χ^2/NDF:7.4/10

Left: -30.761+/-435.953 χ^2/NDF: 24.5/23

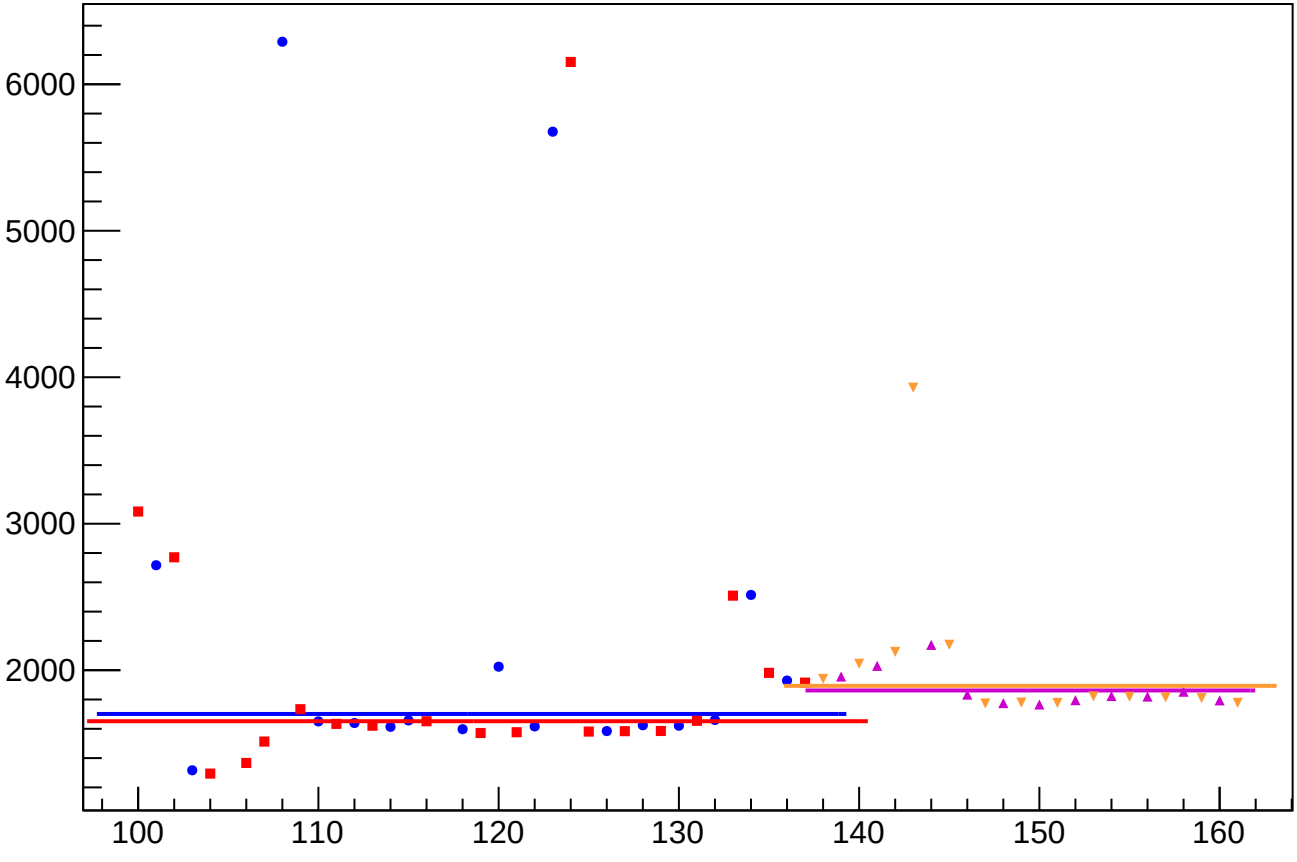
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -677.670+/-457.868 χ^2/NDF:20.4/27

Out: 126.890+/-442.657 χ^2/NDF:32.2/31

All: -261.804+/-318.248 χ^2/NDF: 54.2/59

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1893.306+/-0.434 χ^2/NDF:440772.5/12

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

Left In: 1861.766+/-0.438 χ^2/NDF:65887.0/10

Left: 1877.709+/-0.308 χ^2/NDF: 509276.3/23

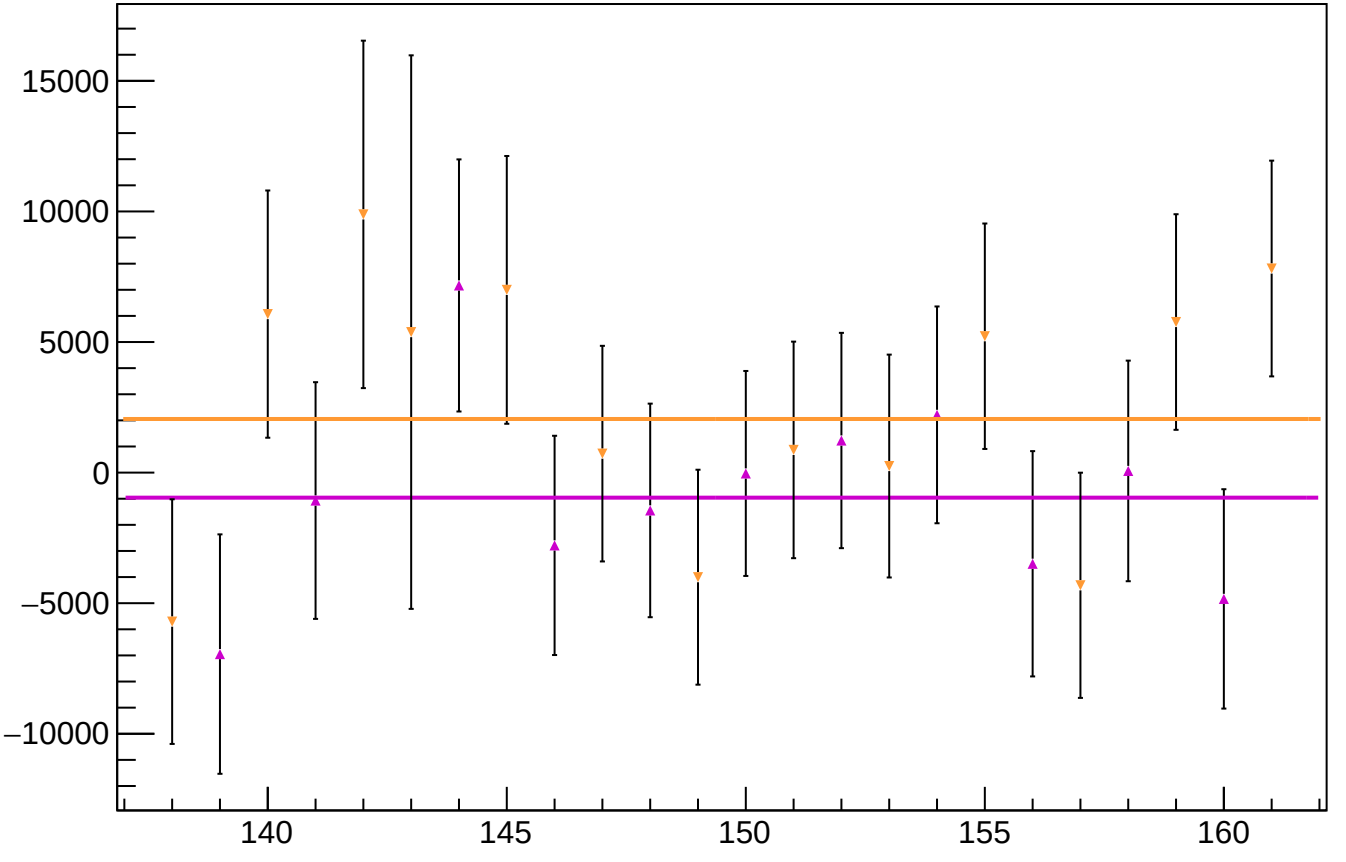
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1788.826+/-0.324 χ^2/NDF:905522.9/27

Out: 1777.626+/-0.313 χ^2/NDF:1178260.8/31

All: 1783.037+/-0.225 χ^2/NDF: 2084402.2/59

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2053.236+/-1274.737 χ^2/NDF:13.9/12

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

Left In: -959.235+/-1286.587 χ^2/NDF:6.9/10

Left: 560.938+/-905.536 χ^2/NDF: 23.6/23

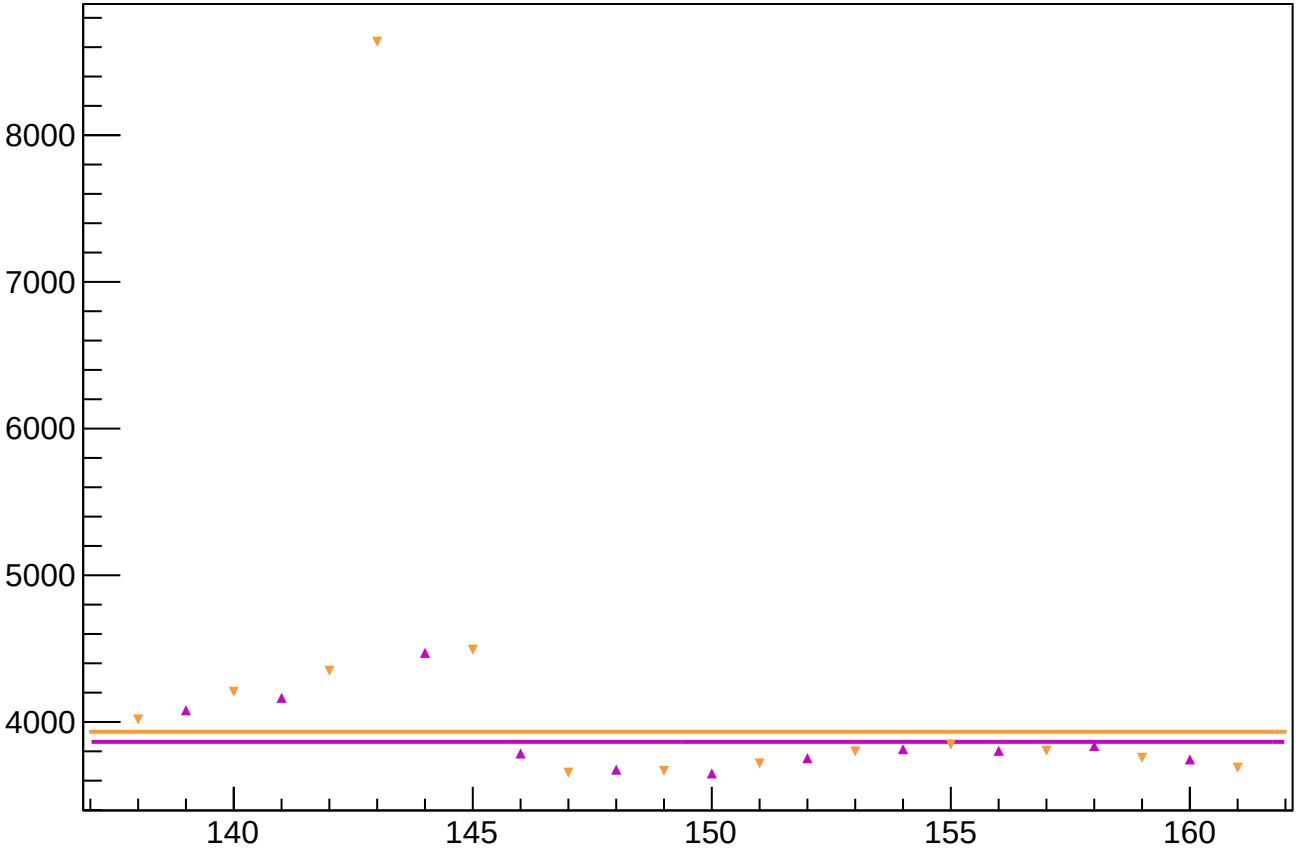
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -959.235+/-1286.587 χ^2/NDF:6.9/10

Out: 2053.236+/-1274.737 χ^2/NDF:13.9/12

All: 560.938+/-905.536 χ^2/NDF: 23.6/23

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3933.166+/-0.901 χ^2/NDF:471088.9/12

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

Left In: 3864.563+/-0.910 χ^2/NDF:59624.0/10

Left: 3899.182+/-0.640 χ^2/NDF: 533582.4/23

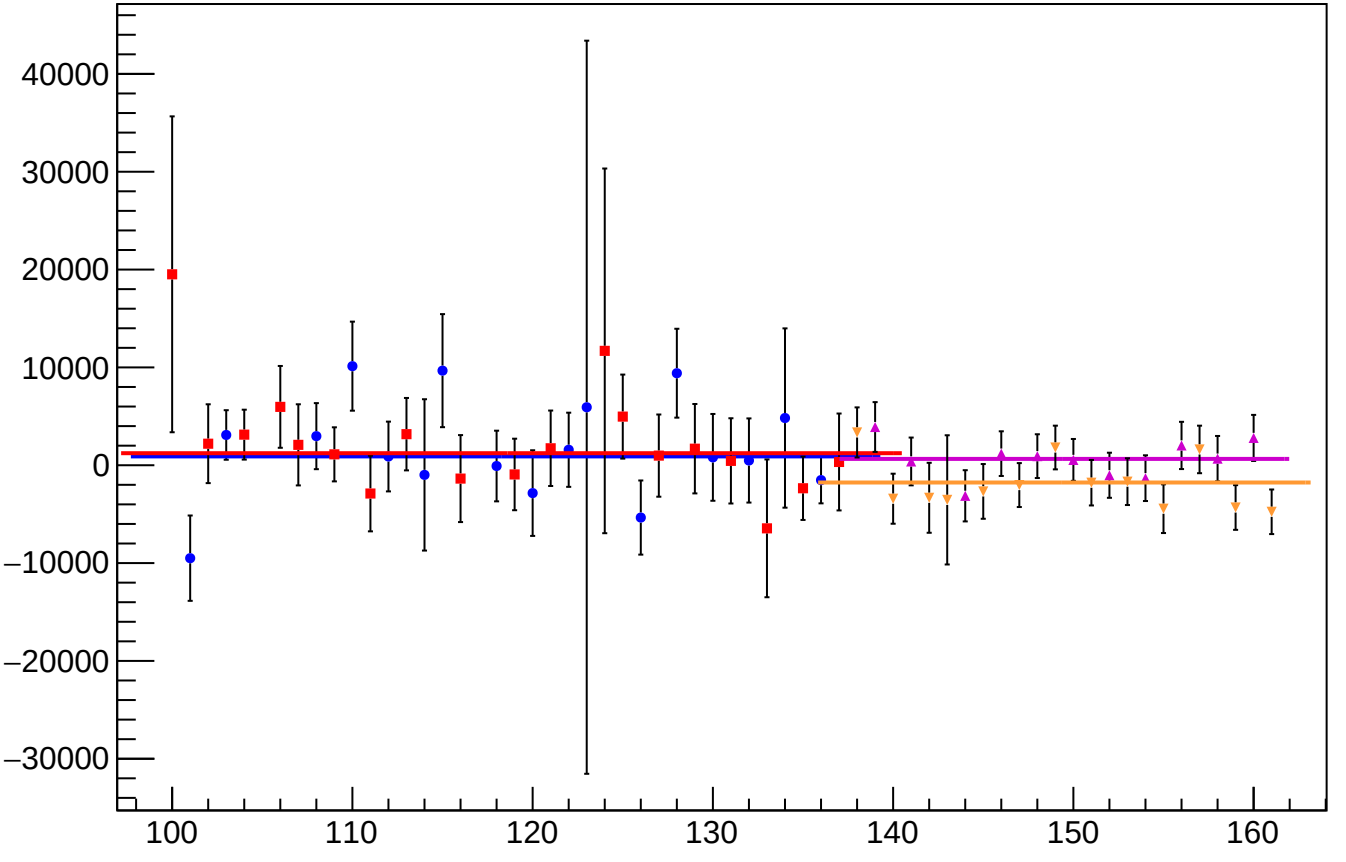
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3864.563+/-0.910 χ^2/NDF:59624.0/10

Out: 3933.166+/-0.901 χ^2/NDF:471088.9/12

All: 3899.182+/-0.640 χ^2/NDF: 533582.4/23

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1764.419+/-705.578 χ^2/NDF:13.4/12

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

Left In: 648.116+/-709.245 χ^2/NDF:6.2/10

Left: -564.405+/-500.210 χ^2/NDF: 25.4/23

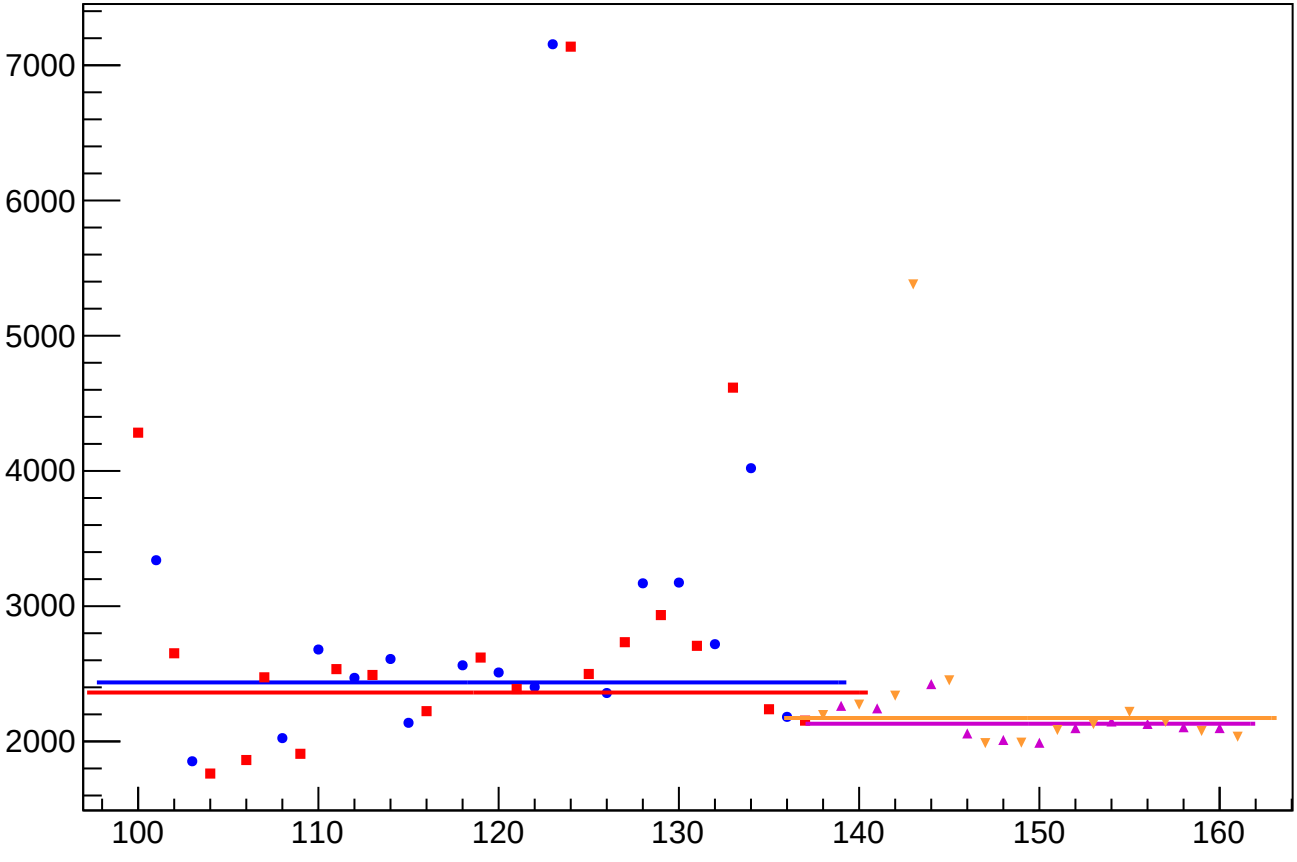
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 737.978+/-570.850 χ^2/NDF:27.8/27

Out: -662.665+/-561.007 χ^2/NDF:29.0/31

All: 25.477+/-400.126 χ^2/NDF: 59.9/59

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2173.150+/-0.499 χ^2/NDF:541281.8/12

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

Left In: 2130.791+/-0.502 χ^2/NDF:52332.8/10

Left: 2152.080+/-0.354 χ^2/NDF: 597200.2/23

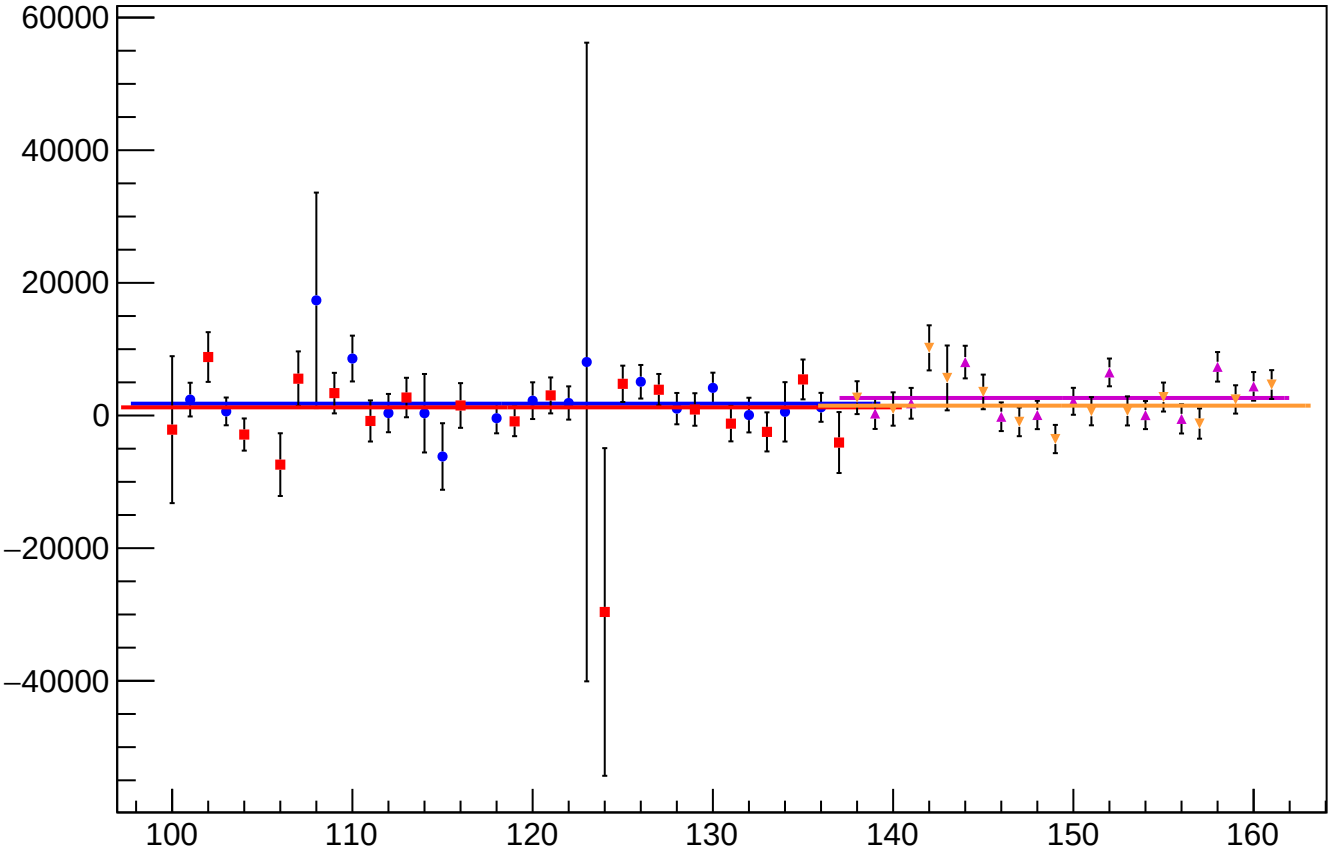
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2238.371+/-0.404 χ^2/NDF:651542.1/27

Out: 2242.449+/-0.397 χ^2/NDF:1249580.4/31

All: 2240.446+/-0.283 χ^2/NDF: 1901174.4/59

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1488.017+/-660.608 χ^2/NDF:19.4/12

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

Left In: 2645.489+/-661.437 χ^2/NDF:21.2/10

Left: 2066.027+/-467.413 χ^2/NDF: 42.2/23

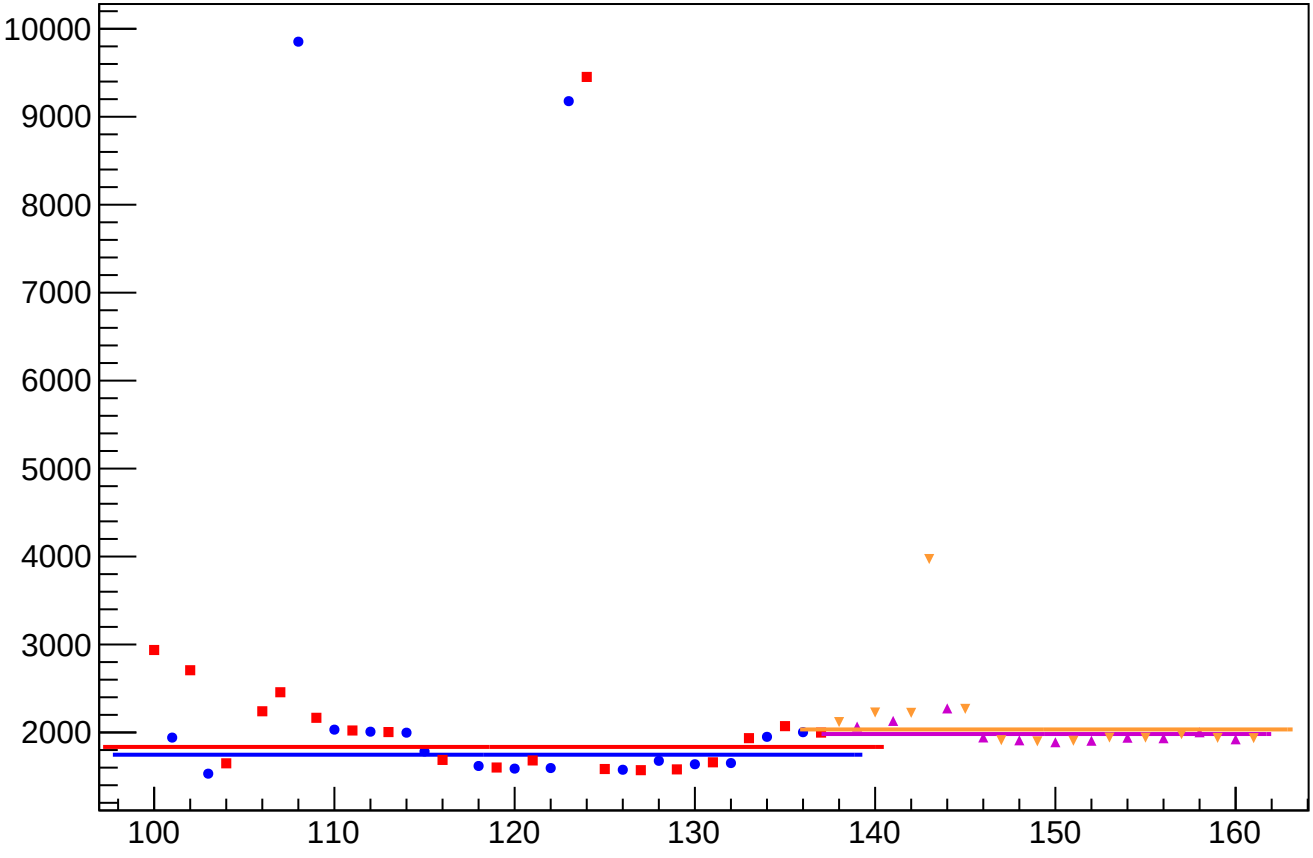
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 2235.443+/-478.937 χ^2/NDF:34.4/27

Out: 1367.630+/-483.052 χ^2/NDF:43.7/31

All: 1805.248+/-340.105 χ^2/NDF: 79.8/59

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2034.281+/-0.467 χ^2/NDF:388620.2/12

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

Left In: 1982.041+/-0.468 χ^2/NDF:52112.6/10

Left: 2008.193+/-0.331 χ^2/NDF: 446978.4/23

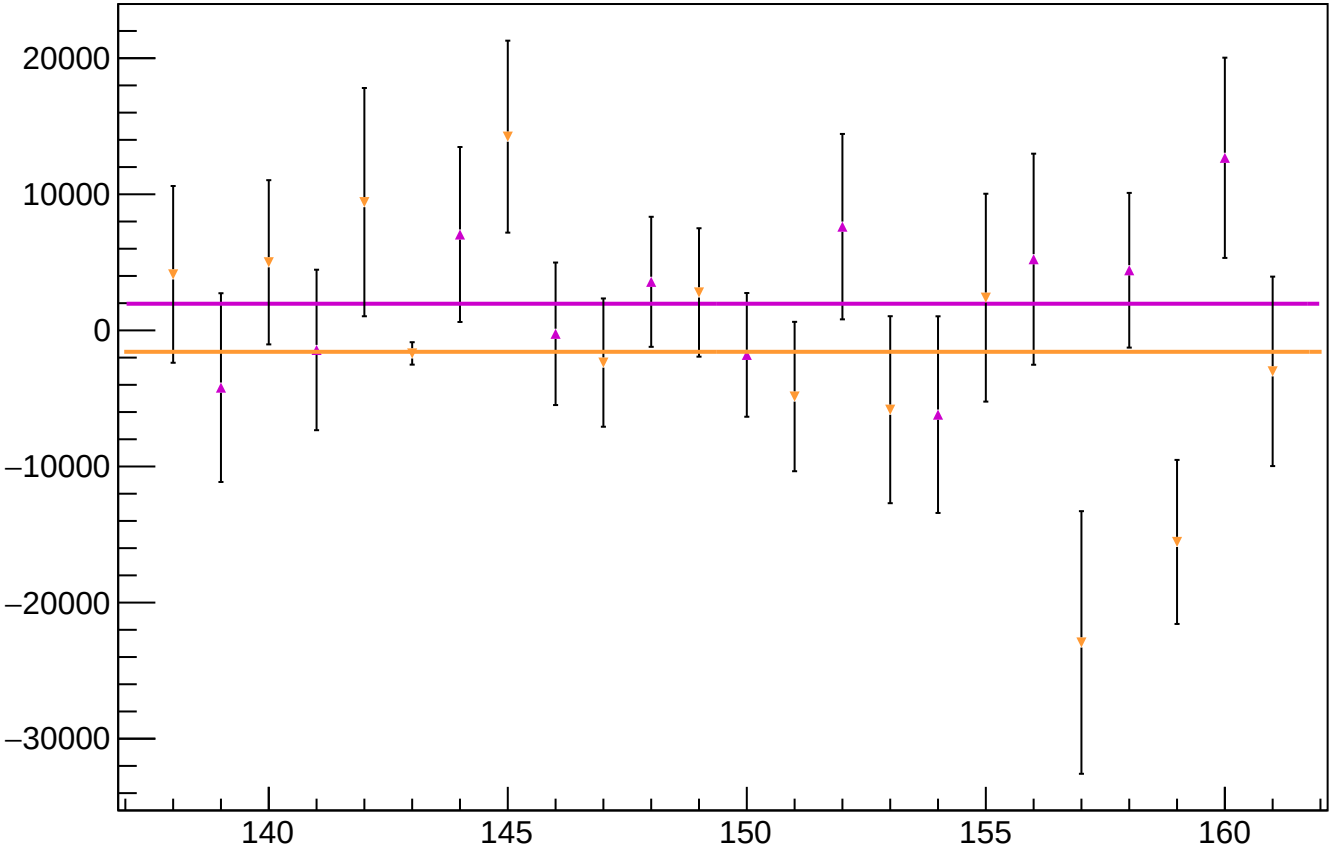
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1870.154+/-0.339 χ^2/NDF:854900.1/27

Out: 1941.627+/-0.341 χ^2/NDF:1023467.5/31

All: 1905.604+/-0.240 χ^2/NDF: 1900459.8/59

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1573.388+/-750.040 χ^2/NDF:20.9/12

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

Left In: 1958.718+/-1798.281 χ^2/NDF:7.2/10

Left: -1049.988+/-692.242 χ^2/NDF: 31.4/23

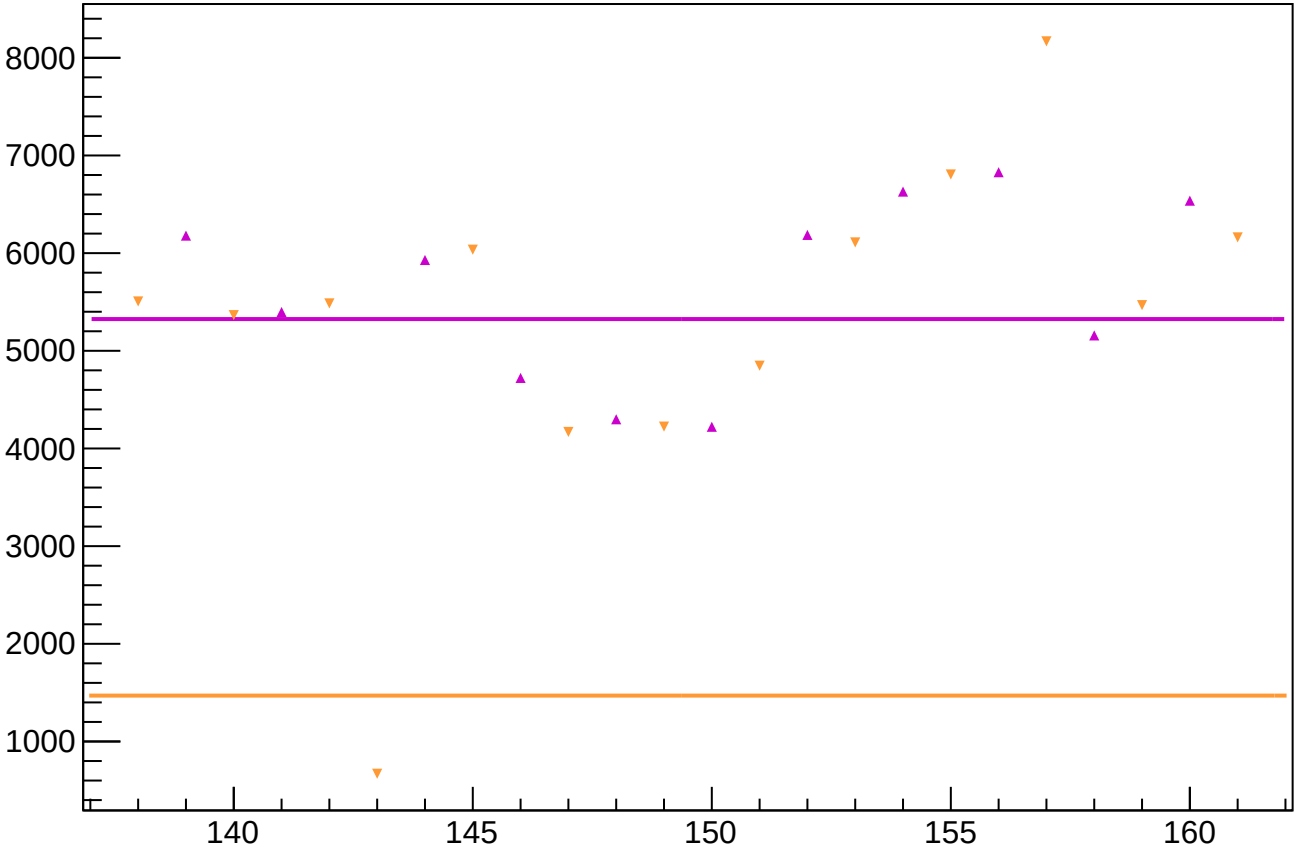
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1958.718+/-1798.281 χ^2/NDF:7.2/10

Out: -1573.388+/-750.040 χ^2/NDF:20.9/12

All: -1049.988+/-692.242 χ^2/NDF: 31.4/23

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1469.906+/-0.530 χ^2/NDF:11523578.8/12

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

Left In: 5325.030+/-1.272 χ^2/NDF:513304.0/10

Left: 2041.173+/-0.489 χ^2/NDF: 19866443.7/23

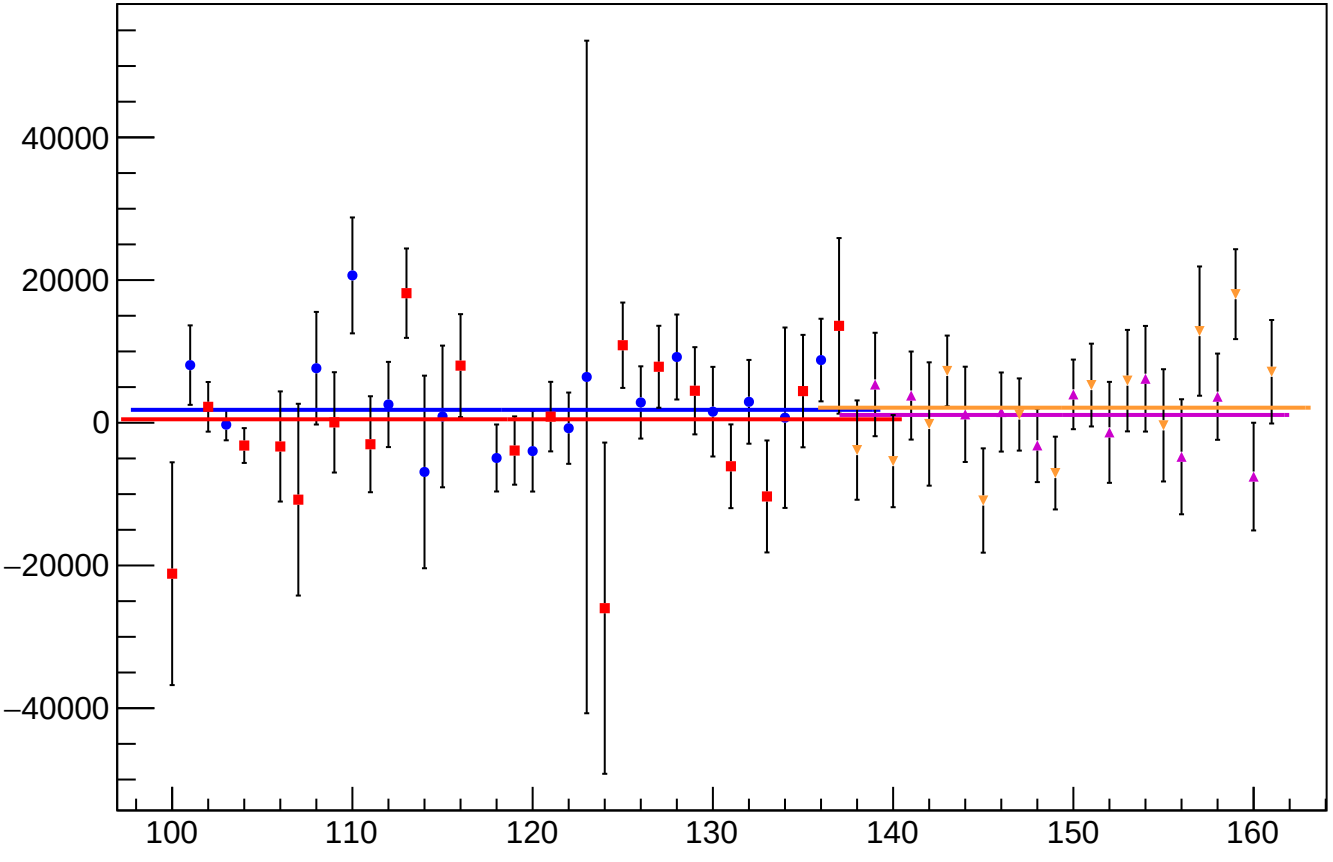
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5325.030+/-1.272 χ^2/NDF:513304.0/10

Out: 1469.906+/-0.530 χ^2/NDF:11523578.8/12

All: 2041.173+/-0.489 χ^2/NDF: 19866443.7/2

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2115.154+/-1776.382 χ^2/NDF:18.6/12

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

Left In: 1097.093+/-1894.579 χ^2/NDF:4.2/10

Left: 1638.869+/-1295.863 χ^2/NDF: 22.9/23

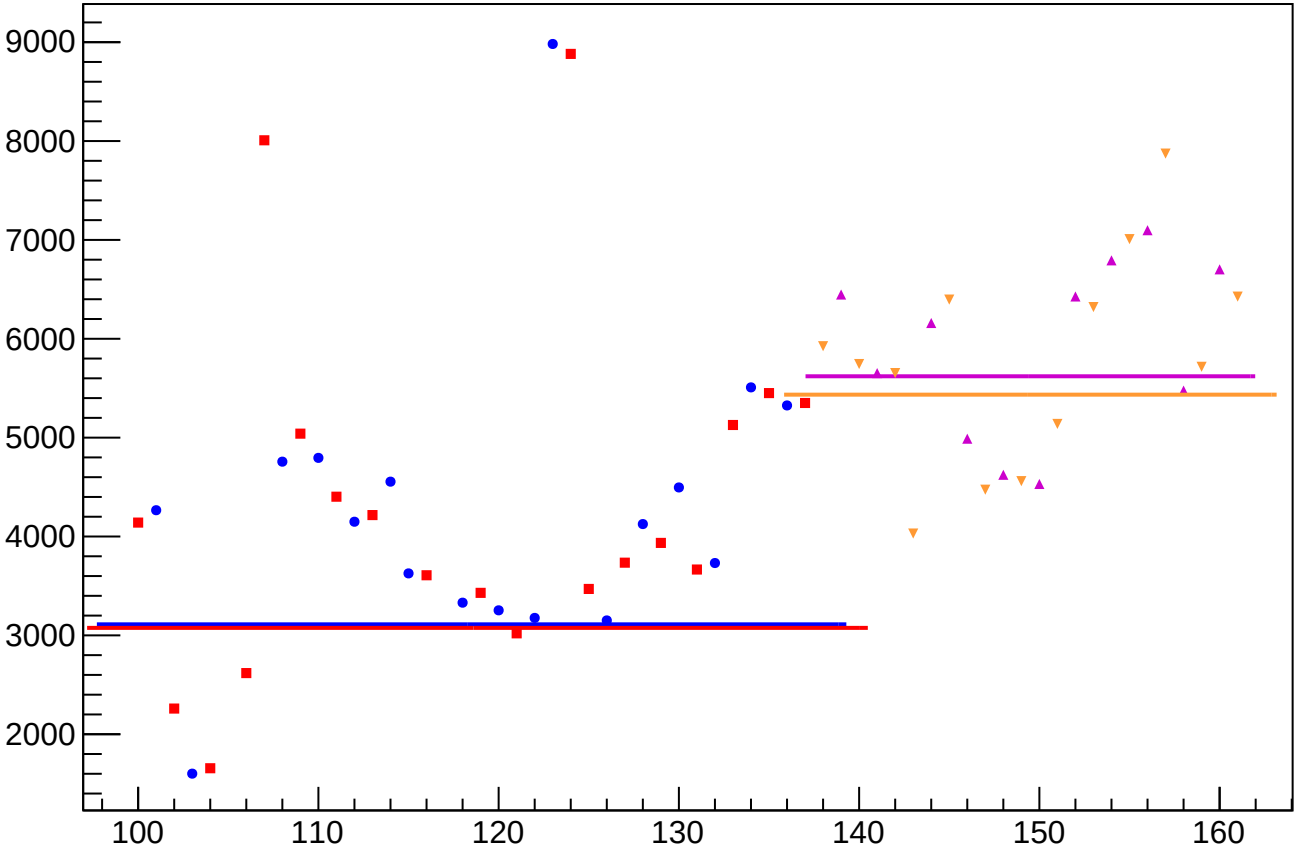
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 1584.377+/-1072.656 χ^2/NDF:19.3/27

Out: 1047.812+/-1041.721 χ^2/NDF:45.6/31

All: 1308.246+/-747.305 χ^2/NDF: 65.0/59

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5434.768+/-1.256 χ^2/NDF:644415.7/12

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

Left In: 5620.707+/-1.340 χ^2/NDF:425325.3/10

Left: 5521.757+/-0.916 χ^2/NDF: 1079992.6/23

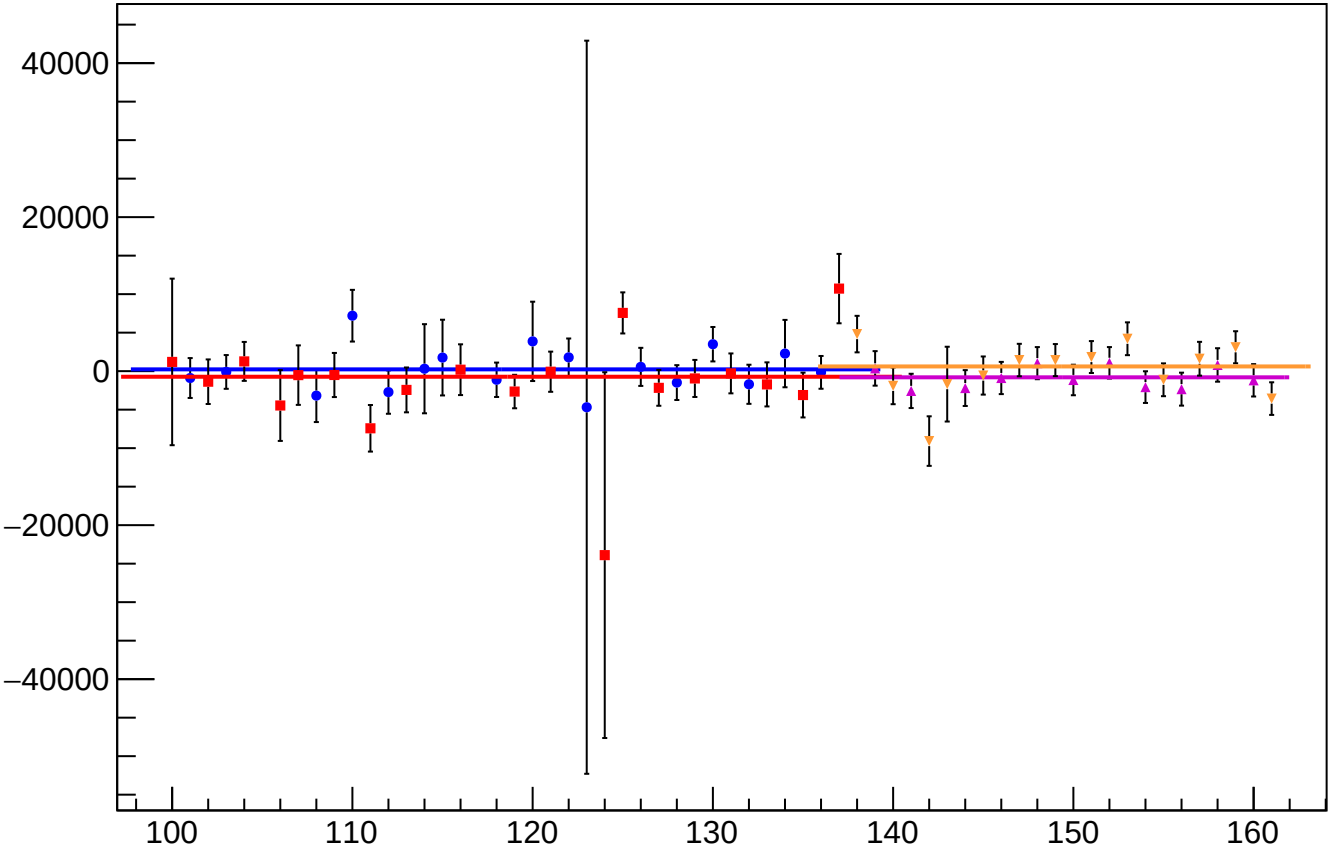
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 3915.860+/-0.758 χ^2/NDF:4687821.6/27

Out: 3871.596+/-0.730 χ^2/NDF:4991121.5/31

All: 3892.868+/-0.526 χ^2/NDF: 9680712.0/59

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 610.952+/-639.426 χ^2/NDF:23.5/12

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

Left In: -801.616+/-641.432 χ^2/NDF:4.4/10

Left: -93.120+/-452.850 χ^2/NDF: 30.3/23

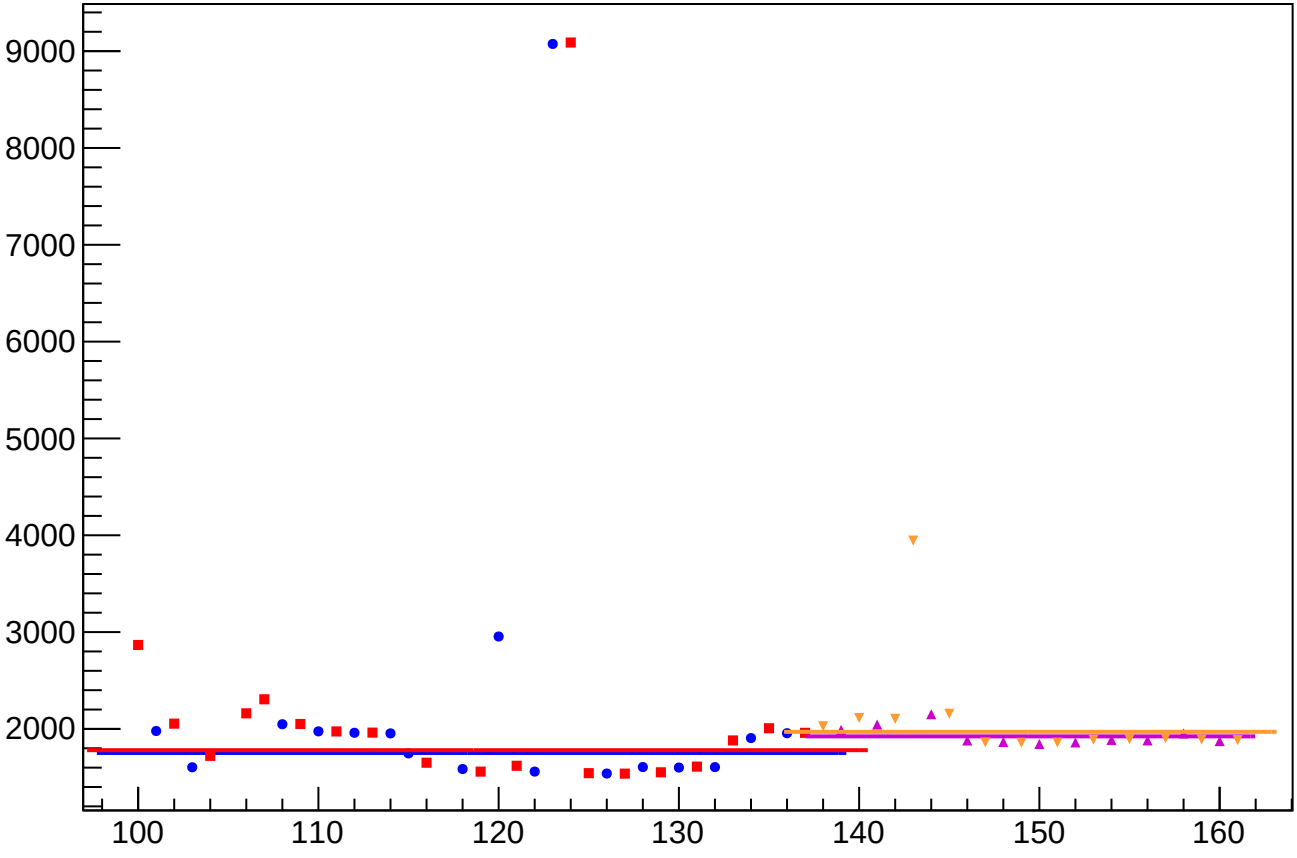
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -319.911+/-468.775 χ^2/NDF:17.1/27

Out: -12.454+/-467.162 χ^2/NDF:51.3/31

All: -165.652+/-330.902 χ^2/NDF: 68.7/59

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1969.820+/-0.452 χ^2/NDF:384409.9/12

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

Left In: 1923.027+/-0.454 χ^2/NDF:37320.9/10

Left: 1946.497+/-0.320 χ^2/NDF: 427069.4/23

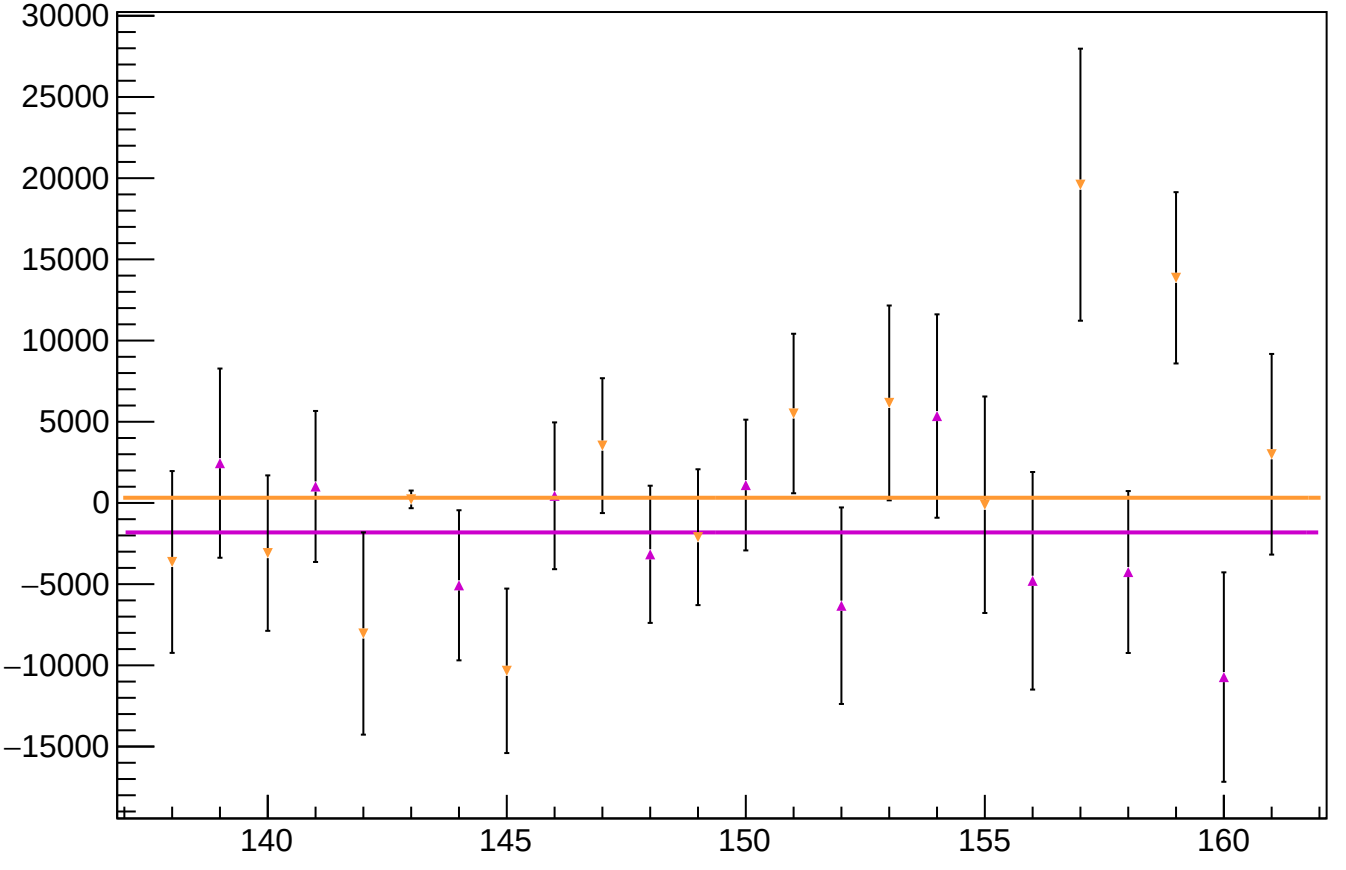
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1843.277+/-0.331 χ^2/NDF:404578.7/27

Out: 1881.268+/-0.330 χ^2/NDF:894869.7/31

All: 1862.352+/-0.234 χ^2/NDF: 1306044.1/59

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 320.724+/-511.904 χ^2/NDF:22.4/12

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

Left In: -1814.777+/-1527.557 χ^2/NDF:6.5/10

Left: 105.118+/-485.375 χ^2/NDF: 30.6/23

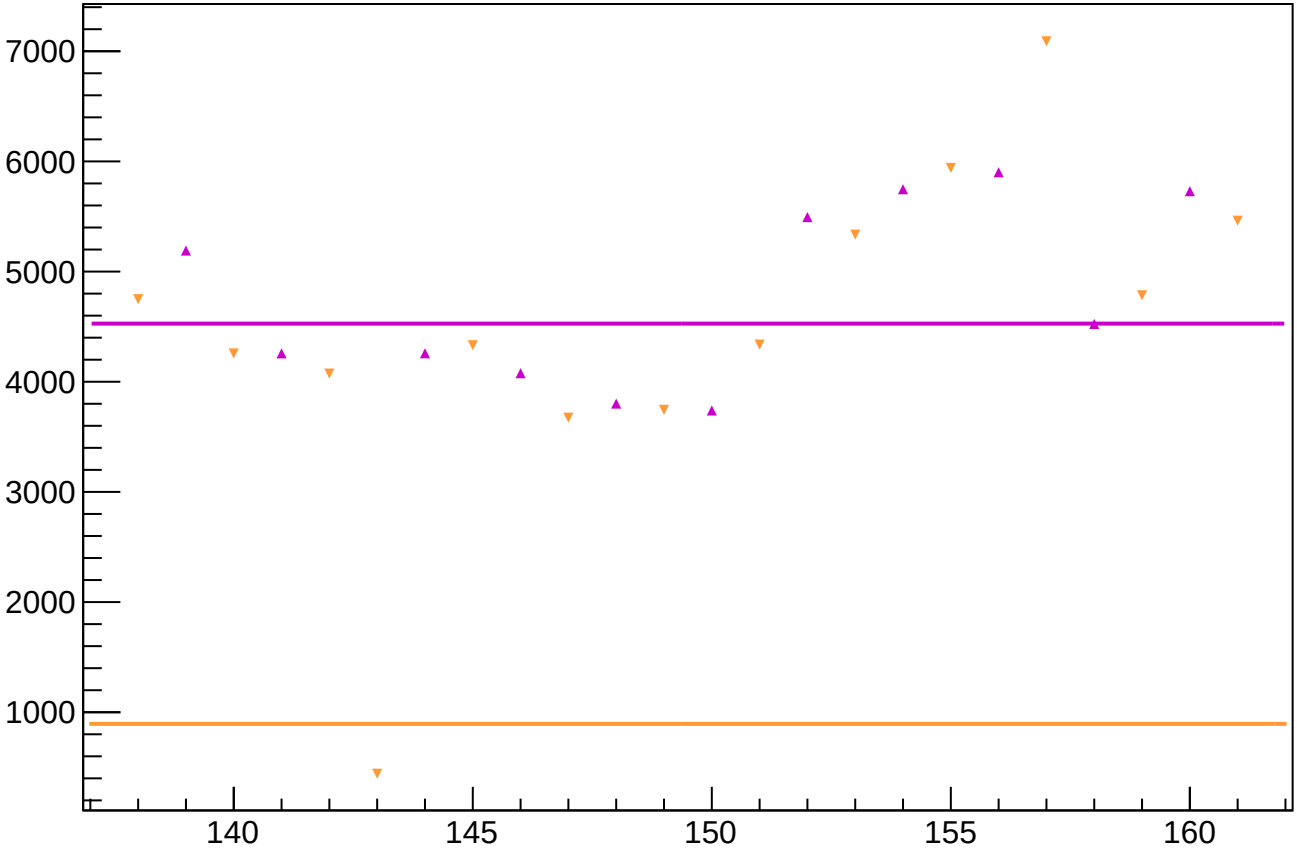
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1814.777+/-1527.557 χ^2/NDF:6.5/10

Out: 320.724+/-511.904 χ^2/NDF:22.4/12

All: 105.118+/-485.375 χ^2/NDF: 30.6/23

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 894.798+/-0.362 χ^2/NDF:13092922.0/12

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

Left In: 4527.691+/-1.080 χ^2/NDF:475599.5/10

Left: 1261.584+/-0.343 χ^2/NDF: 23738458.7/23

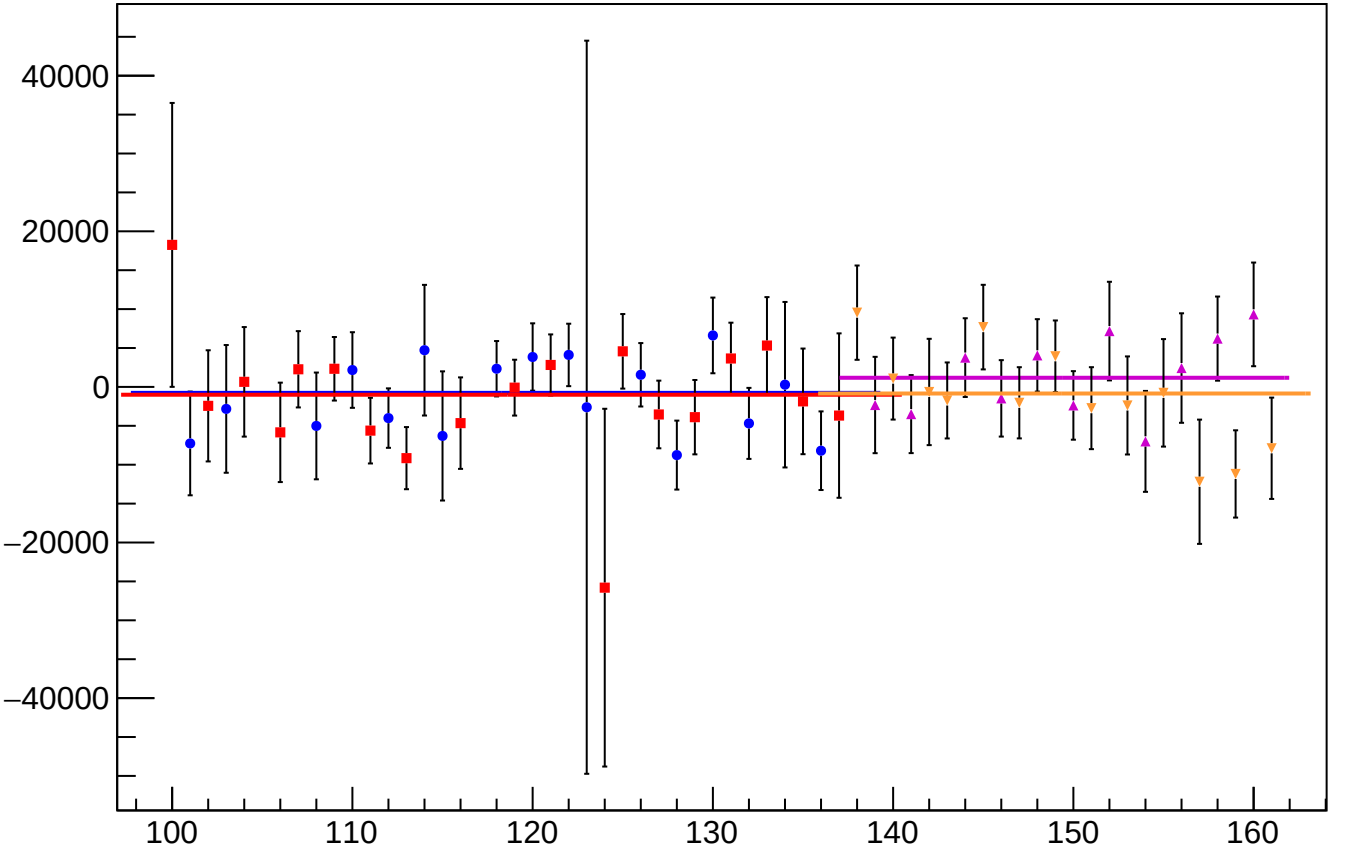
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4527.691+/-1.080 χ^2/NDF:475599.5/10

Out: 894.798+/-0.362 χ^2/NDF:13092922.0/12

All: 1261.584+/-0.343 χ^2/NDF: 23738458.7/2

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -847.918+/-1564.241 χ^2/NDF:13.5/12

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

Left In: 1175.230+/-1644.798 χ^2/NDF:7.7/10

Left: 112.901+/-1133.495 χ^2/NDF: 21.9/23

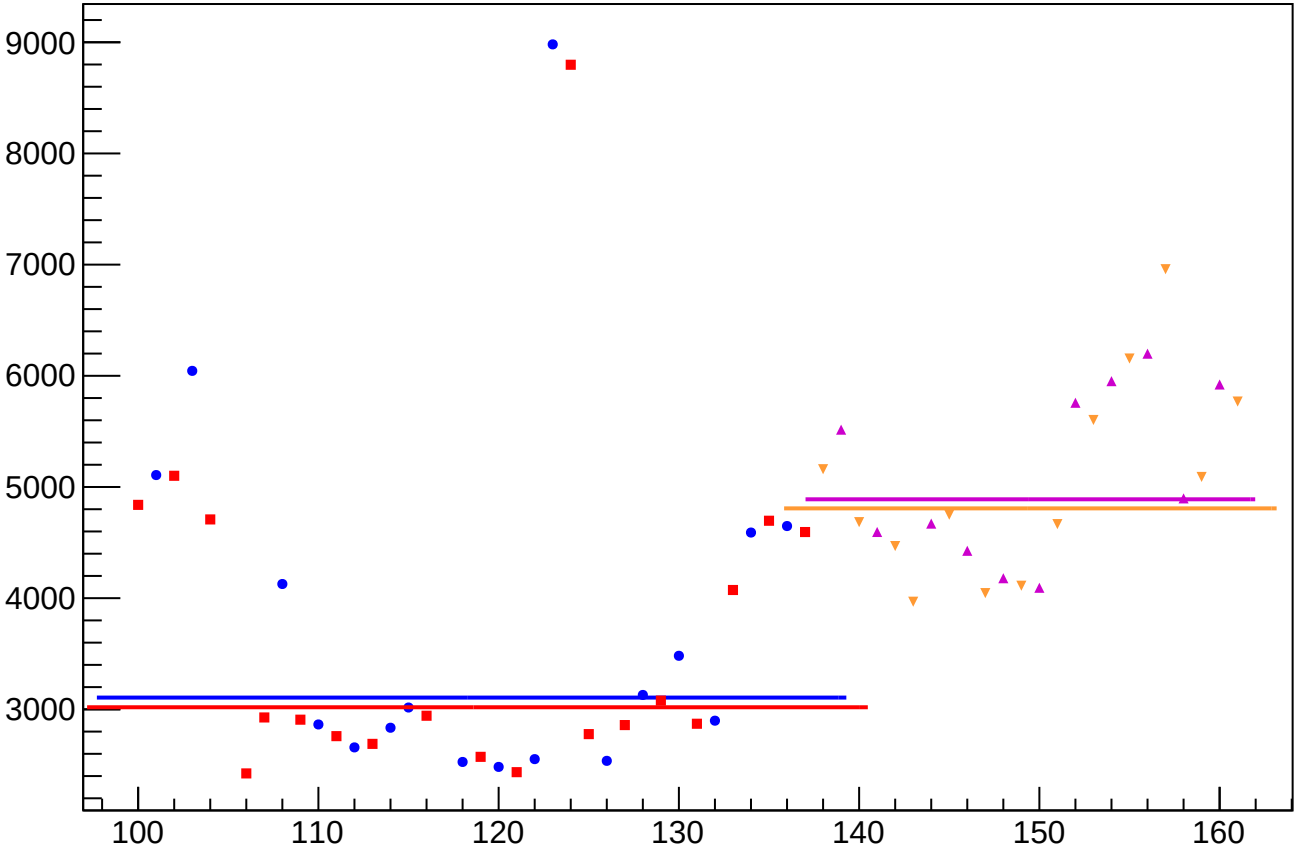
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -56.388+/-994.056 χ^2/NDF:24.1/27

Out: -947.216+/-947.652 χ^2/NDF:28.5/31

All: -523.079+/-685.910 χ^2/NDF: 53.0/59

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4807.598+/-1.106 χ^2/NDF:476433.0/12

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

Left In: 4889.322+/-1.163 χ^2/NDF:369164.9/10

Left: 4846.410+/-0.802 χ^2/NDF: 848190.5/23

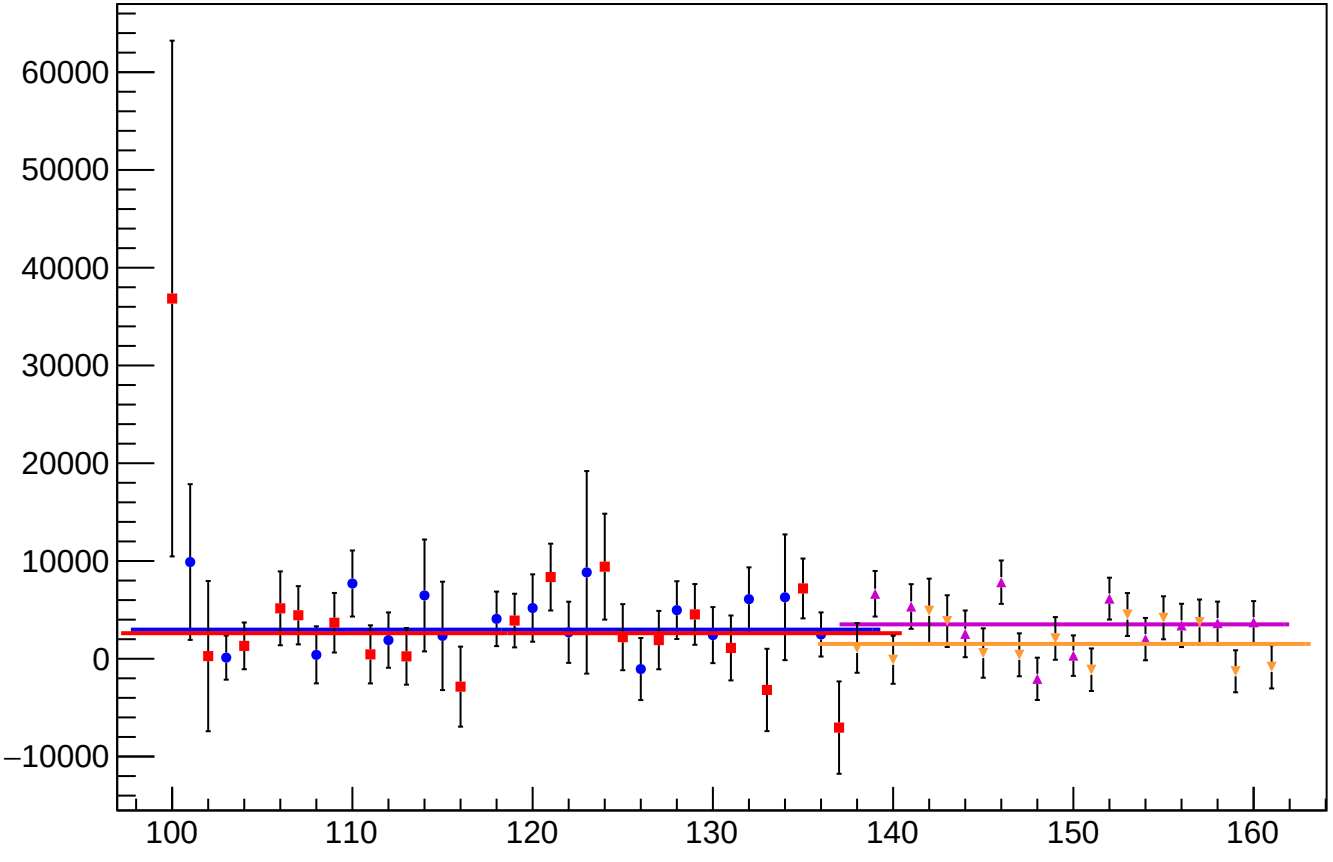
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3757.269+/-0.703 χ^2/NDF:2821573.4/27

Out: 3664.933+/-0.665 χ^2/NDF:2941442.6/31

All: 3708.528+/-0.483 χ^2/NDF: 5772125.1/59

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1519.074+/-650.544 χ^2/NDF:11.3/12

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

Left In: 3517.401+/-665.987 χ^2/NDF:17.4/10

Left: 2494.801+/-465.368 χ^2/NDF: 33.3/23

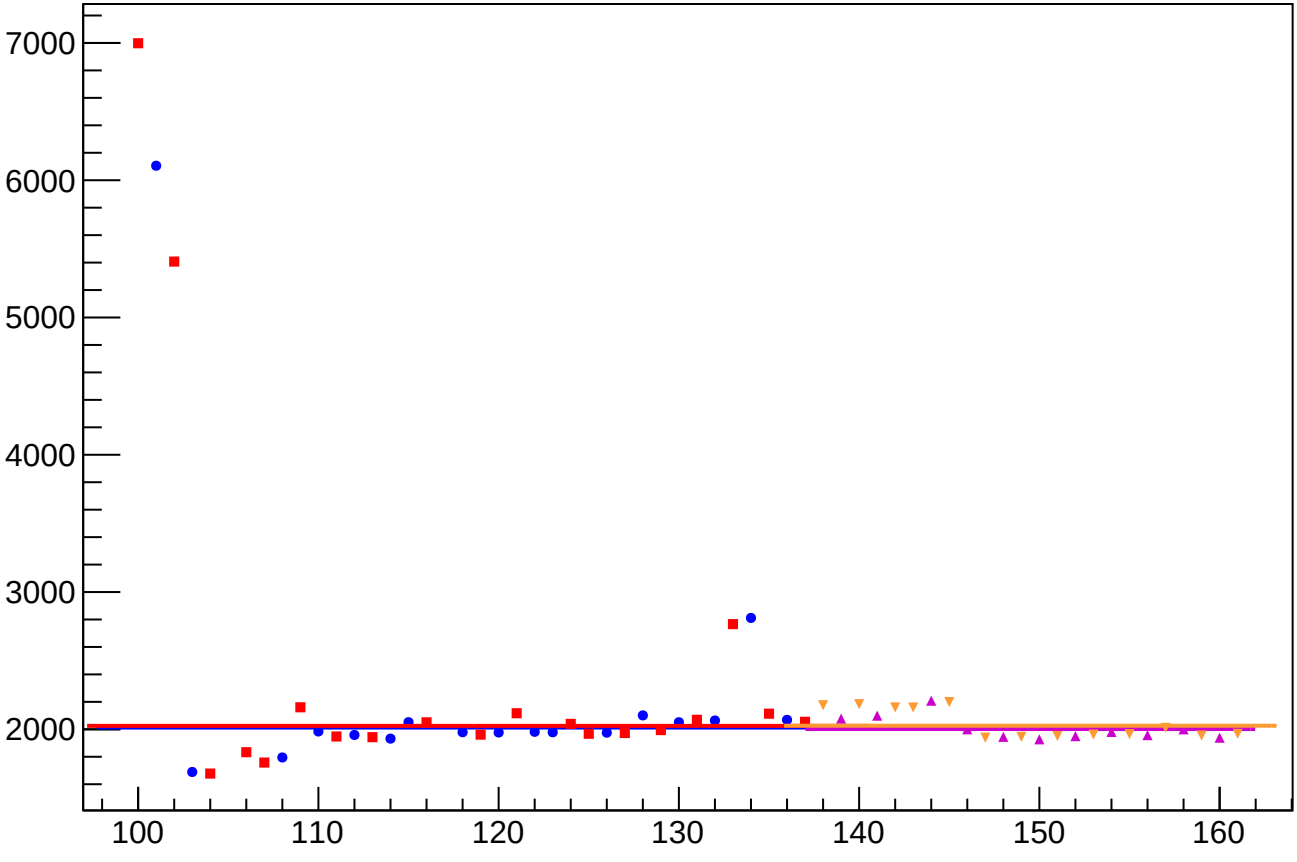
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3295.278+/-510.628 χ^2/NDF:27.5/27

Out: 1966.023+/-500.435 χ^2/NDF:32.1/31

All: 2617.252+/-357.410 χ^2/NDF: 63.1/59

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2026.215+/-0.460 χ^2/NDF:47913.9/12

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

Left In: 2002.089+/-0.471 χ^2/NDF:28520.6/10

Left: 2014.435+/-0.329 χ^2/NDF: 77777.6/23

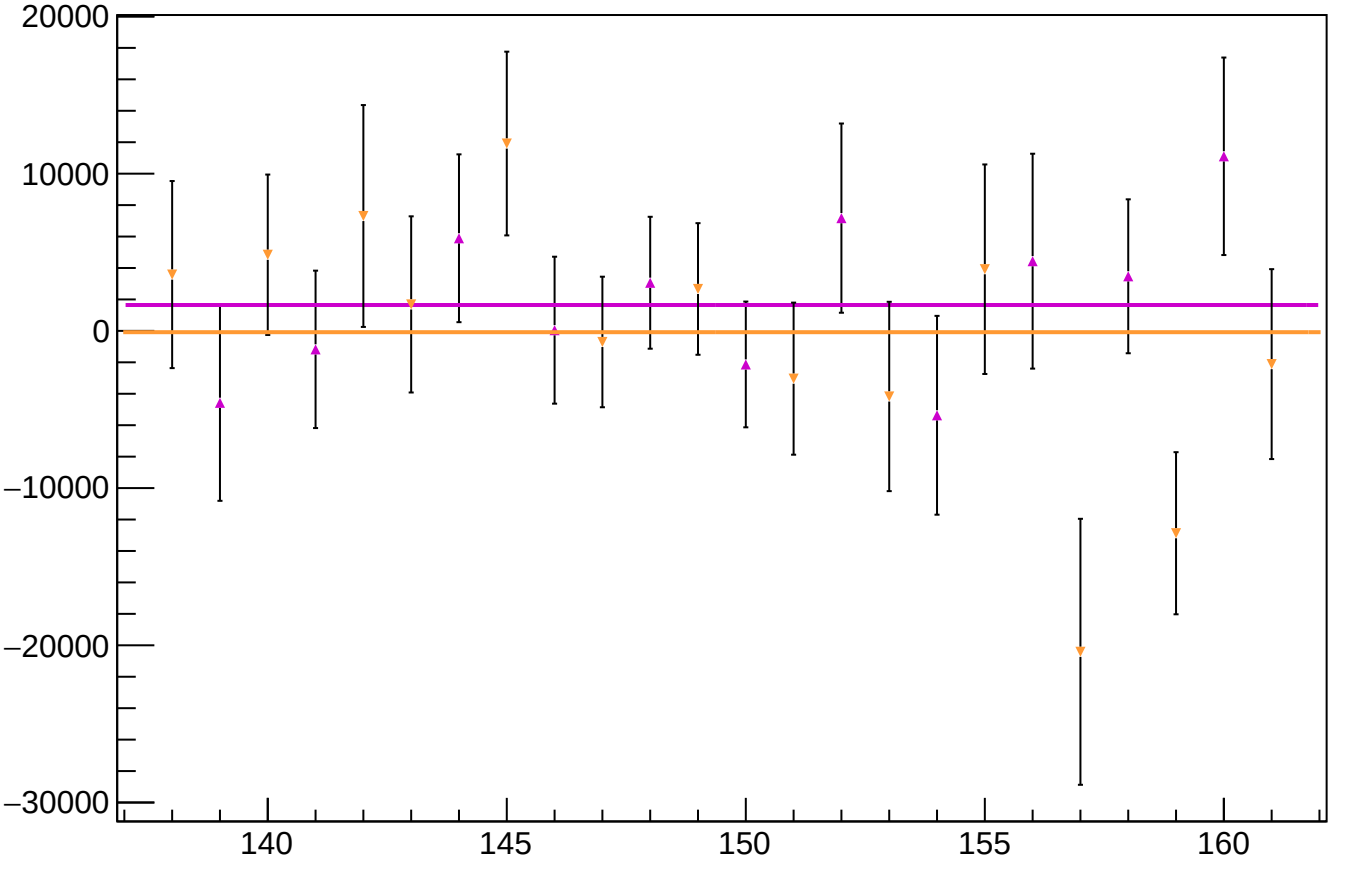
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2006.563+/-0.361 χ^2/NDF:646447.0/27

Out: 2025.747+/-0.354 χ^2/NDF:645339.0/31

All: 2016.350+/-0.253 χ^2/NDF: 1293226.1/59

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -83.377+/-1516.526 χ^2/NDF:20.4/12

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

Left In: 1645.835+/-1567.642 χ^2/NDF:7.7/10

Left: 752.577+/-1089.969 χ^2/NDF: 28.8/23

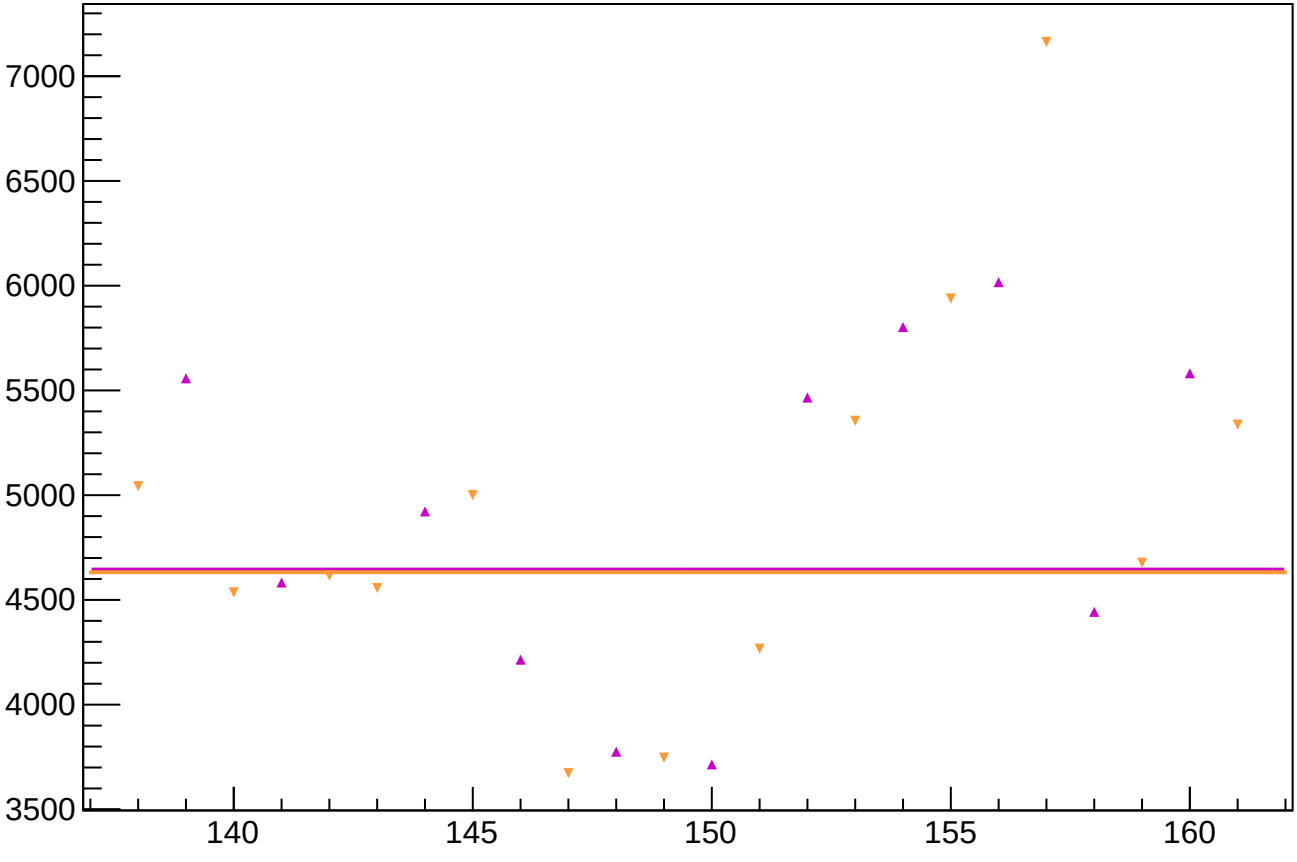
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1645.835+/-1567.642 χ^2/NDF:7.7/10

Out: -83.377+/-1516.526 χ^2/NDF:20.4/12

All: 752.577+/-1089.969 χ^2/NDF: 28.8/23

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4632.102+/-1.072 χ^2/NDF:538218.4/12

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

Left In: 4644.618+/-1.108 χ^2/NDF:492346.5/10

Left: 4638.153+/-0.771 χ^2/NDF: 1030630.7/23

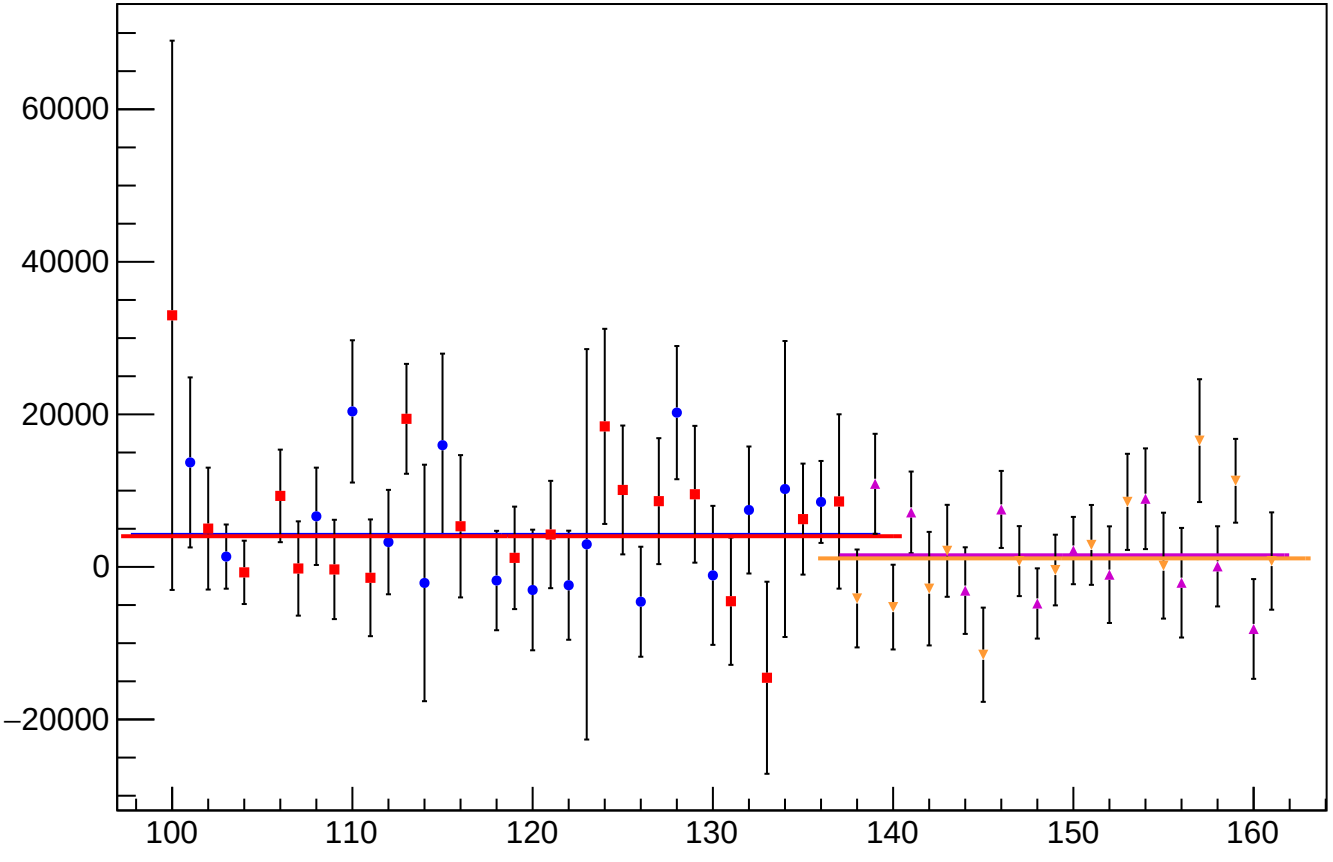
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4644.618+/-1.108 χ^2/NDF:492346.5/10

Out: 4632.102+/-1.072 χ^2/NDF:538218.4/12

All: 4638.153+/-0.771 χ^2/NDF: 1030630.7/23

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1117.535+/-1626.507 χ^2/NDF:15.2/12

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

Left In: 1521.365+/-1681.557 χ^2/NDF:11.1/10

Left: 1312.732+/-1169.092 χ^2/NDF: 26.3/23

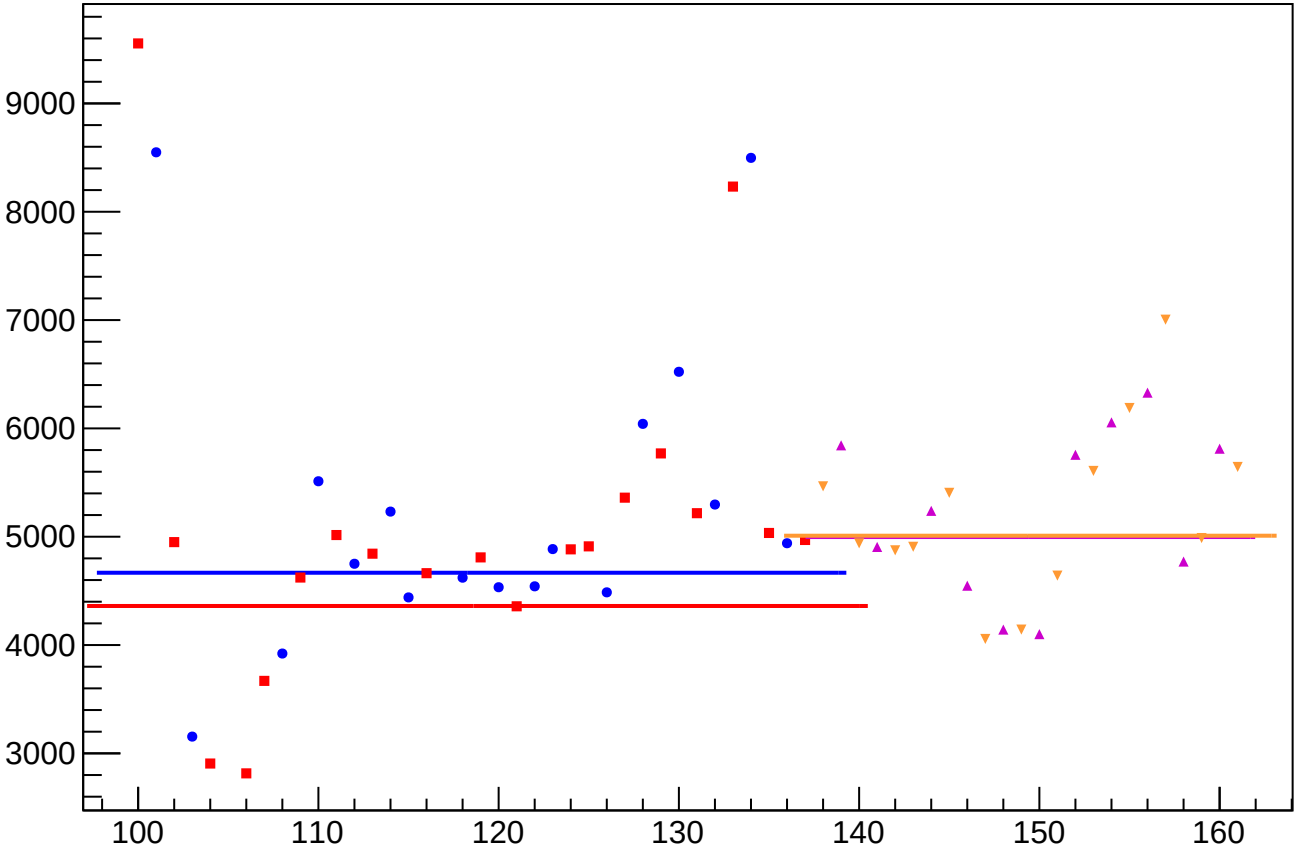
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 2727.074+/-1246.705 χ^2/NDF:26.3/27

Out: 2485.120+/-1183.463 χ^2/NDF:31.6/31

All: 2599.805+/-858.322 χ^2/NDF: 57.9/59

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5009.327+/-1.150 χ^2/NDF:404213.1/12

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

Left In: 4997.021+/-1.189 χ^2/NDF:388518.1/10

Left: 5003.379+/-0.827 χ^2/NDF: 792786.5/23

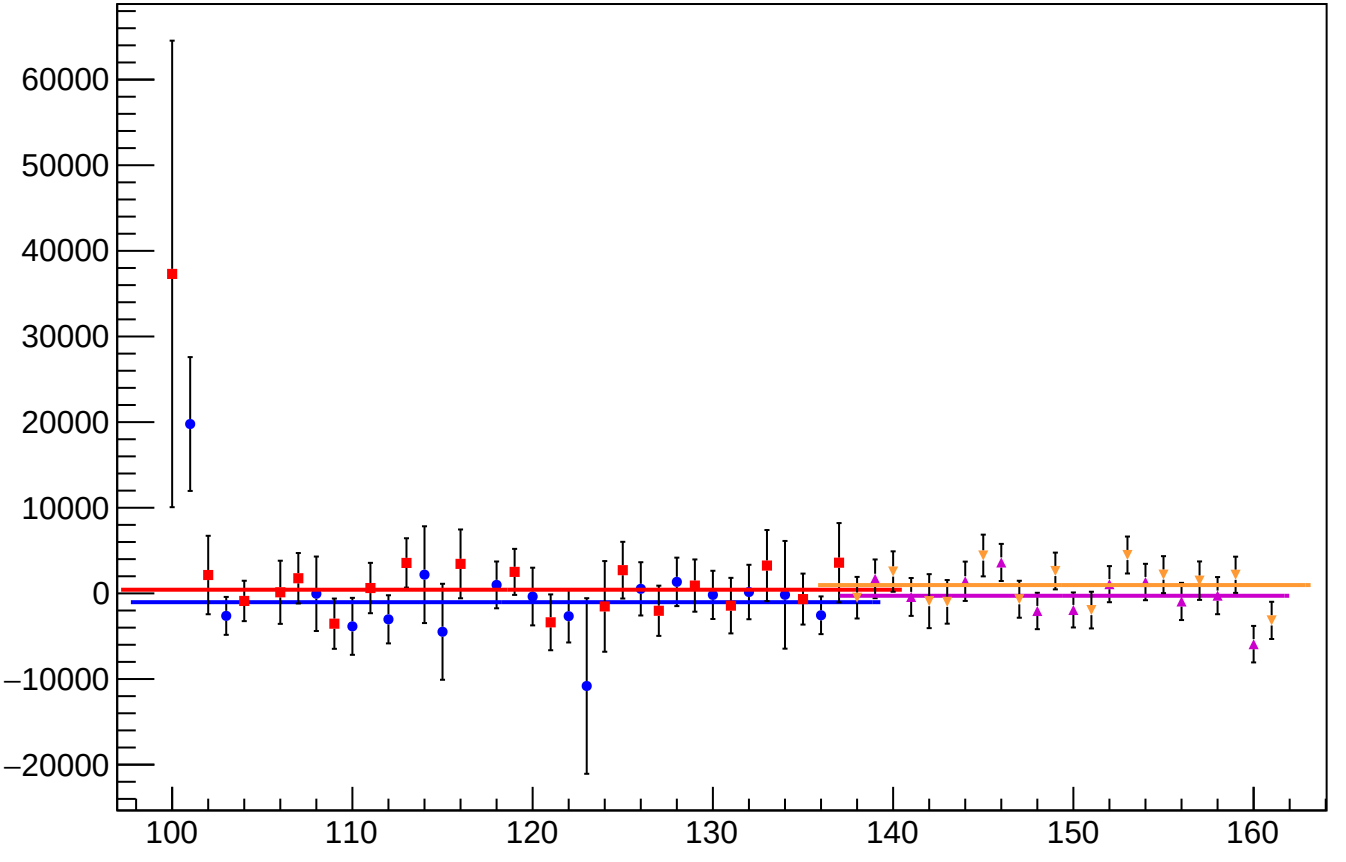
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 4848.615+/-0.882 χ^2/NDF:1200968.3/27

Out: 4702.166+/-0.835 χ^2/NDF:1387604.7/31

All: 4771.383+/-0.606 χ^2/NDF: 2603127.3/59

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 971.614+/-634.364 χ^2/NDF:13.8/12

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

Left In: -278.700+/-651.620 χ^2/NDF:14.0/10

Left: 363.232+/-454.541 χ^2/NDF: 29.6/23

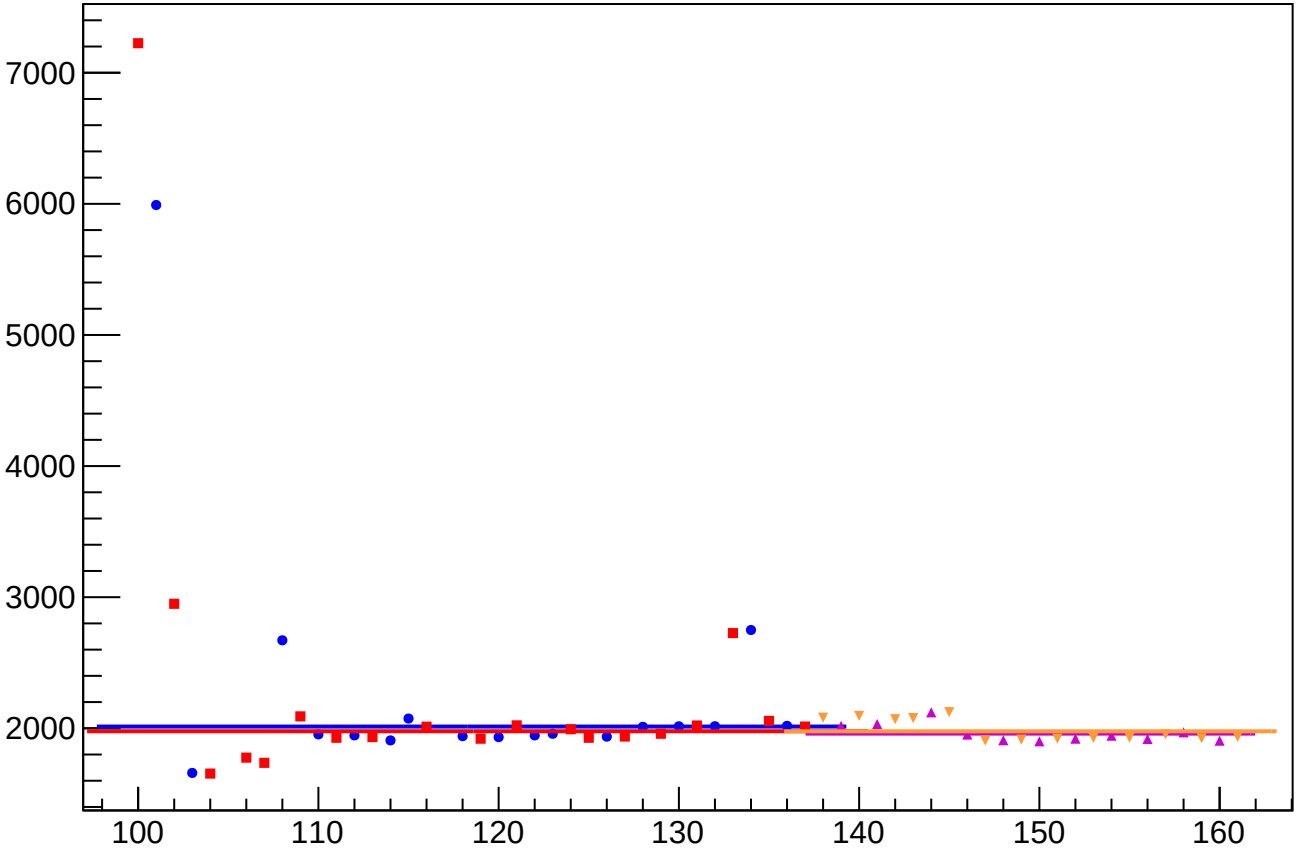
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -578.704+/-504.370 χ^2/NDF:27.6/27

Out: 748.877+/-487.222 χ^2/NDF:24.8/31

All: 108.038+/-350.423 χ^2/NDF: 56.0/59

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1977.121+/-0.449 χ^2/NDF:30270.0/12

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

Left In: 1959.506+/-0.461 χ^2/NDF:19200.6/10

Left: 1968.550+/-0.321 χ^2/NDF: 50220.9/23

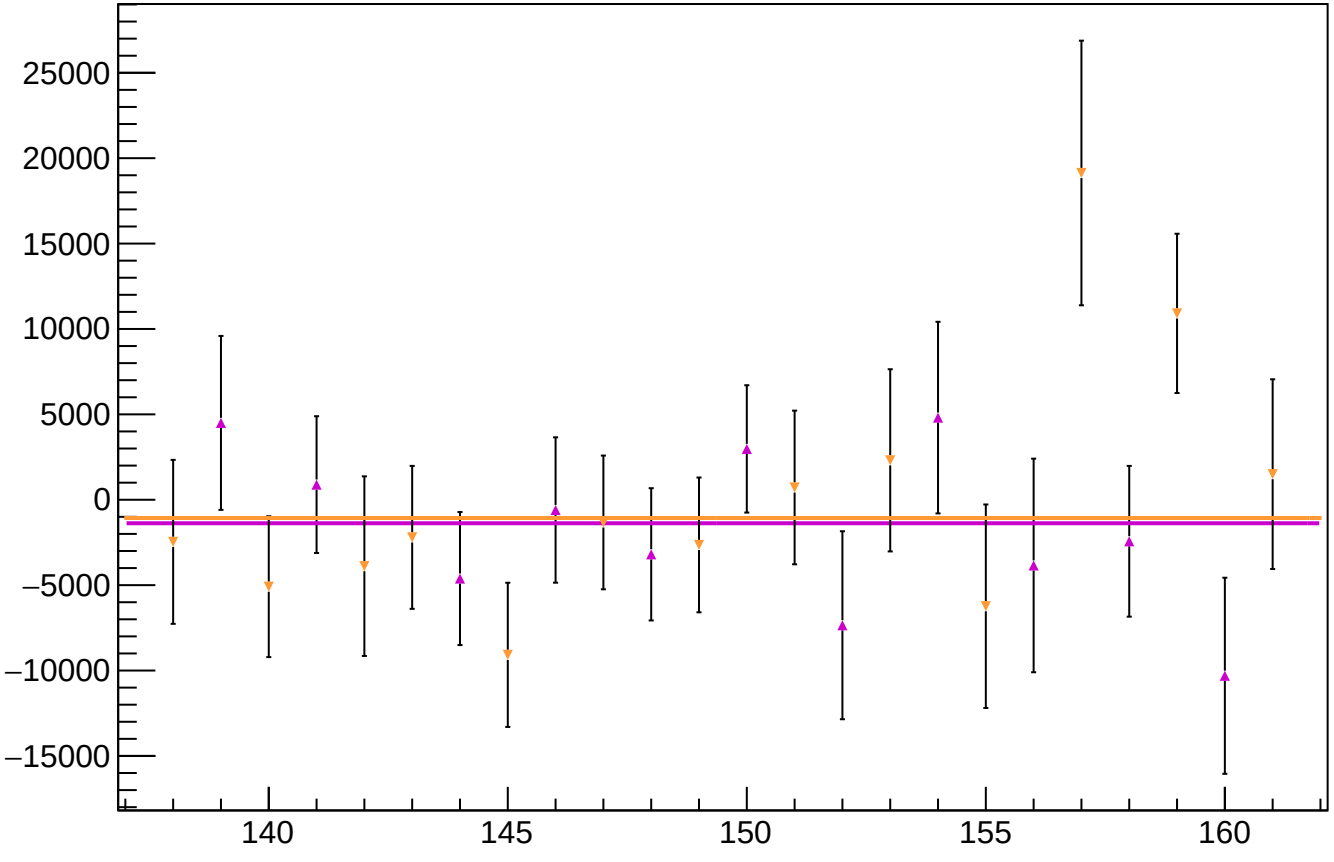
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 1981.059+/-0.357 χ^2/NDF:674707.3/27

Out: 1977.295+/-0.344 χ^2/NDF:325169.5/31

All: 1979.111+/-0.248 χ^2/NDF: 999934.5/59

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1067.059+/-1303.219 χ^2/NDF:20.1/12

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

Left In: -1375.810+/-1370.056 χ^2/NDF:9.0/10

Left: -1213.720+/-944.260 χ^2/NDF: 29.1/23

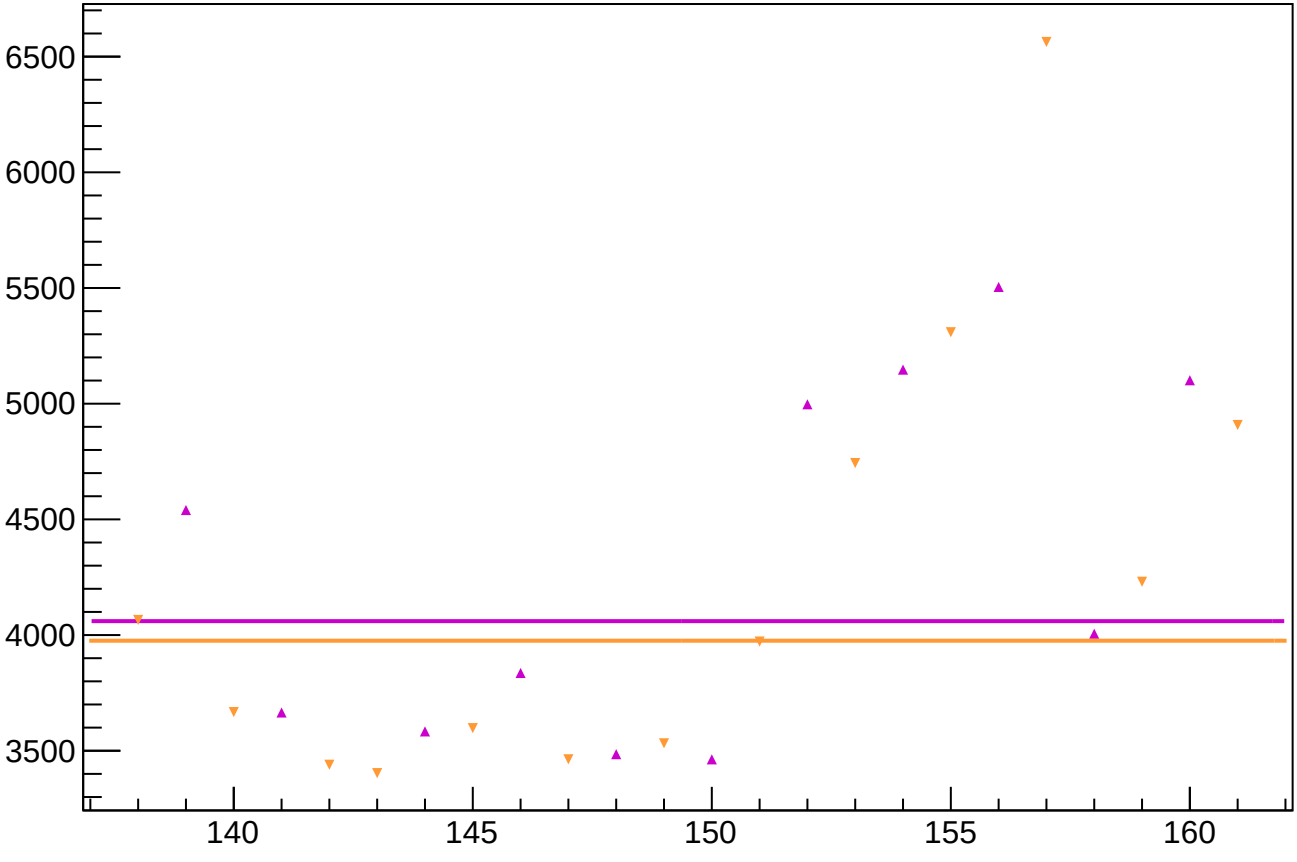
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1375.810+/-1370.056 χ^2/NDF:9.0/10

Out: -1067.059+/-1303.219 χ^2/NDF:20.1/12

All: -1213.720+/-944.260 χ^2/NDF: 29.1/23

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3975.672+/-0.922 χ^2/NDF:572747.0/12

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

Left In: 4060.251+/-0.969 χ^2/NDF:474057.1/10

Left: 4015.848+/-0.668 χ^2/NDF: 1050805.7/23

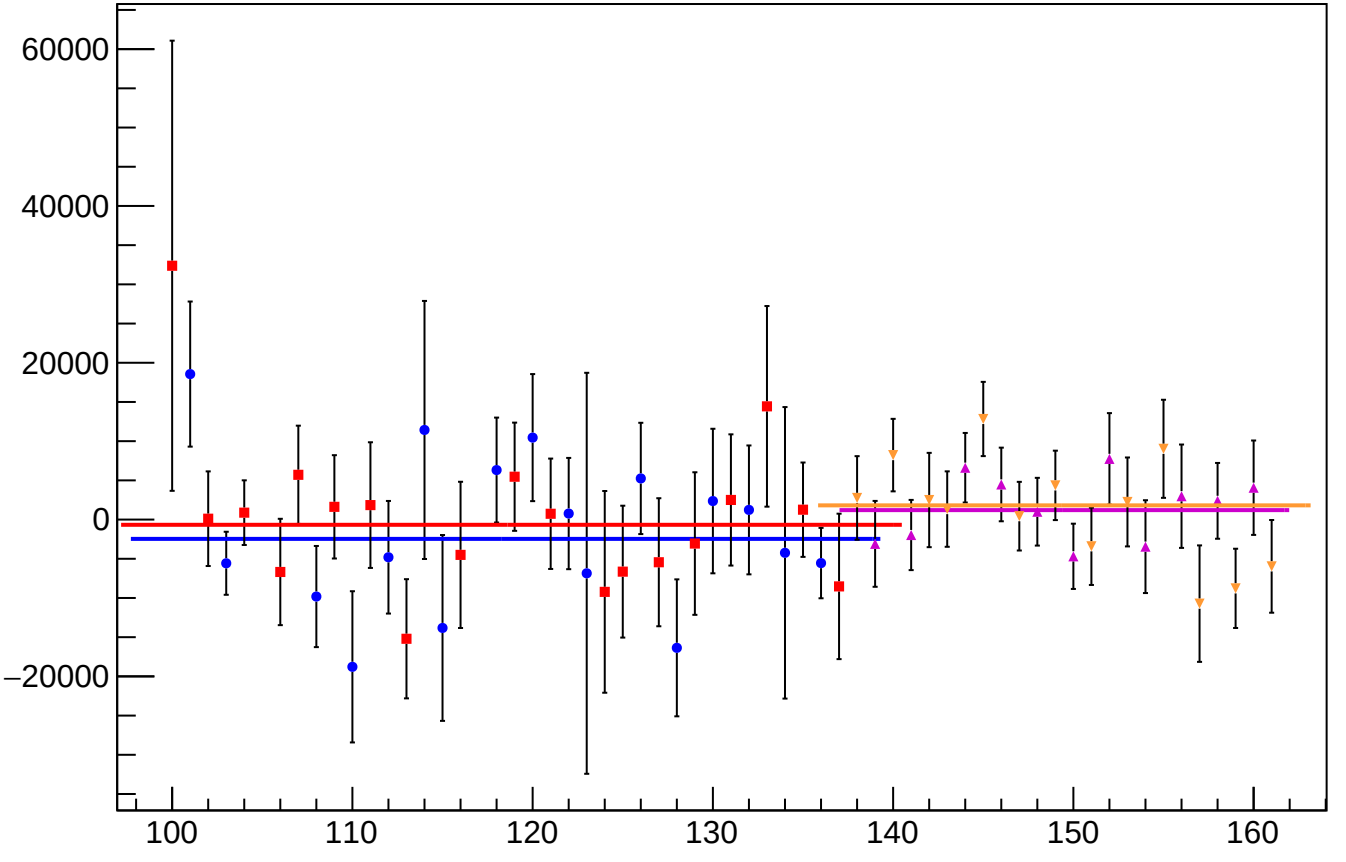
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4060.251+/-0.969 χ^2/NDF:474057.1/10

Out: 3975.672+/-0.922 χ^2/NDF:572747.0/12

All: 4015.848+/-0.668 χ^2/NDF: 1050805.7/23

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1813.161+/-1436.917 χ^2/NDF:19.2/12

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

Left In: 1205.002+/-1504.148 χ^2/NDF:7.3/10

Left: 1522.976+/-1039.009 χ^2/NDF: 26.7/23

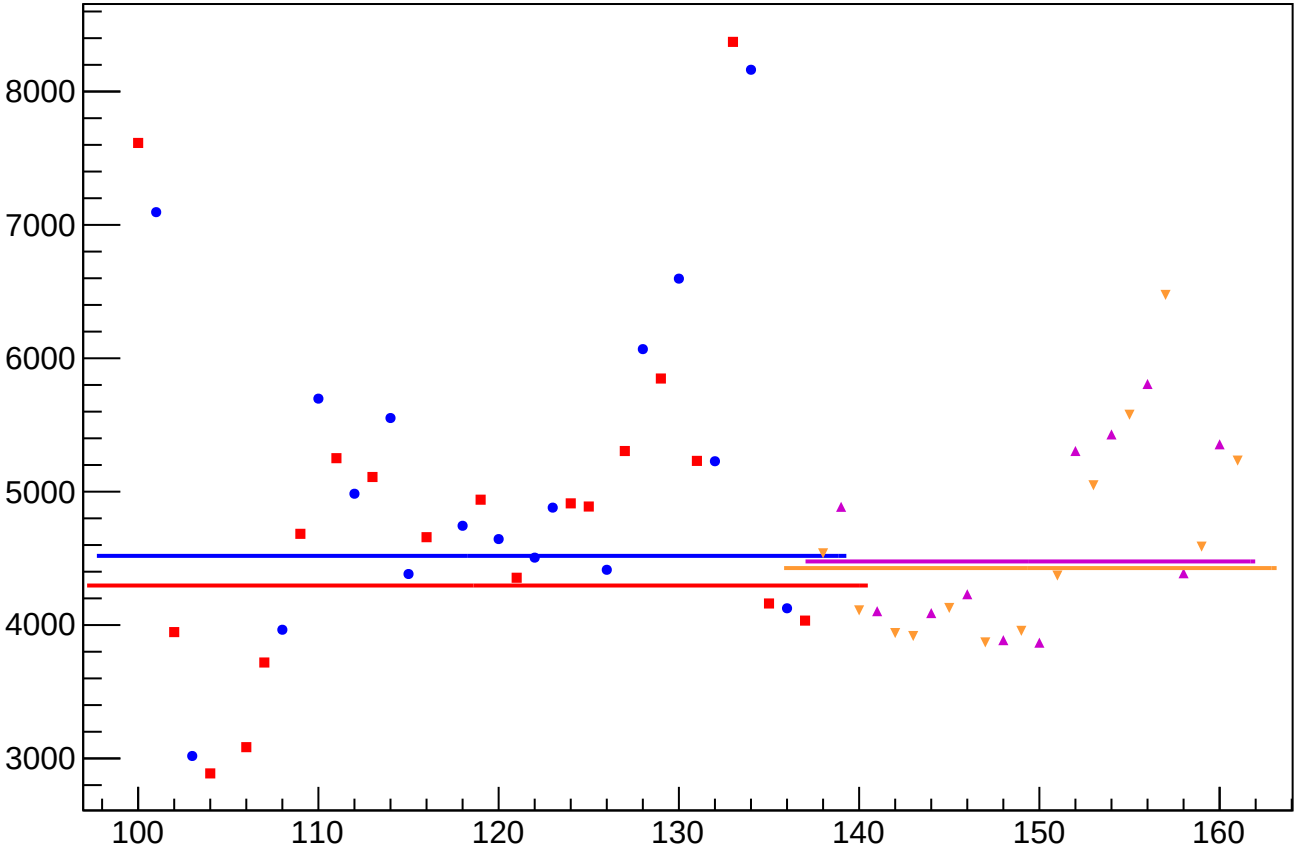
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -305.547+/-1153.495 χ^2/NDF:30.6/27

Out: 772.724+/-1094.659 χ^2/NDF:32.4/31

All: 261.788+/-794.026 χ^2/NDF: 63.5/59

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4427.173+/-1.016 χ^2/NDF:391806.9/12

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

Left In: 4476.885+/-1.064 χ^2/NDF:342619.3/10

Left: 4450.893+/-0.735 χ^2/NDF: 735568.4/23

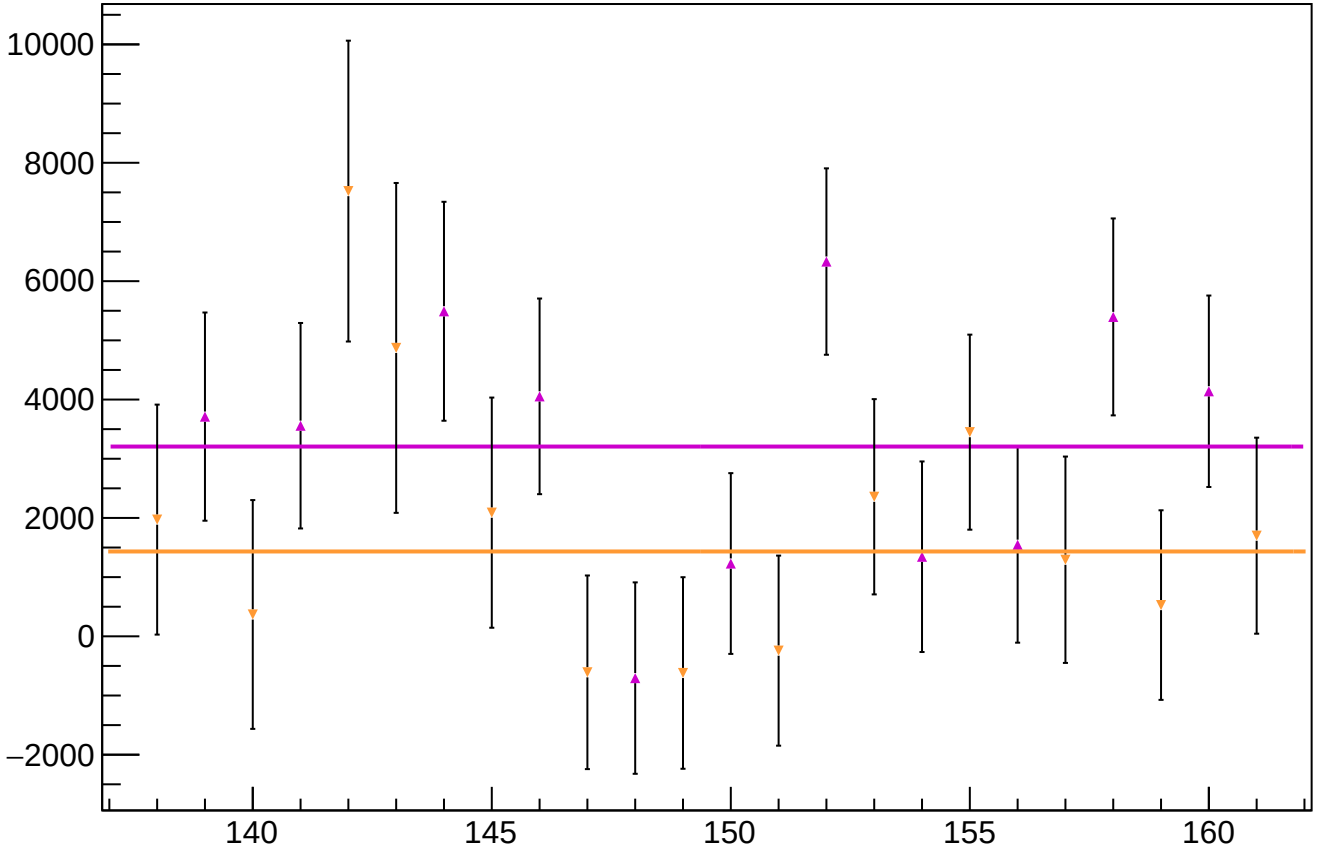
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4494.102+/-0.816 χ^2/NDF:1113482.4/27

Out: 4371.931+/-0.772 χ^2/NDF:1170508.1/31

All: 4429.679+/-0.561 χ^2/NDF: 2295821.0/59

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: 1433.504+/-497.265 χ^2/NDF:14.2/12

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

Left In: 3206.022+/-498.546 χ^2/NDF:17.8/10

Left: 2317.482+/-352.071 χ^2/NDF: 38.3/23

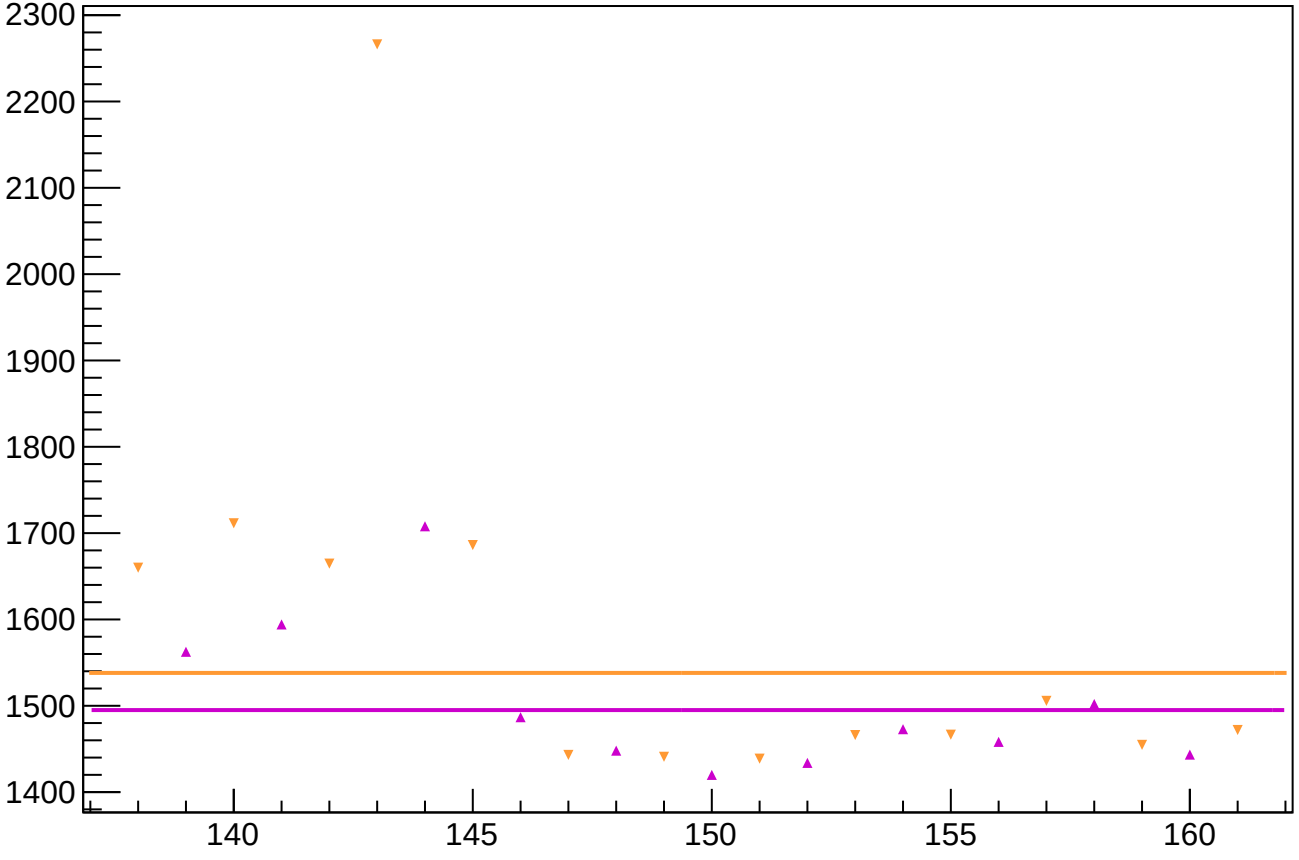
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3206.022+/-498.546 χ^2/NDF:17.8/10

Out: 1433.504+/-497.265 χ^2/NDF:14.2/12

All: 2317.482+/-352.071 χ^2/NDF: 38.3/23

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: 1538.076+/-0.352 χ^2/NDF:215560.6/12

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

Left In: 1495.027+/-0.353 χ^2/NDF:49018.5/10

Left: 1516.607+/-0.249 χ^2/NDF: 272054.5/23

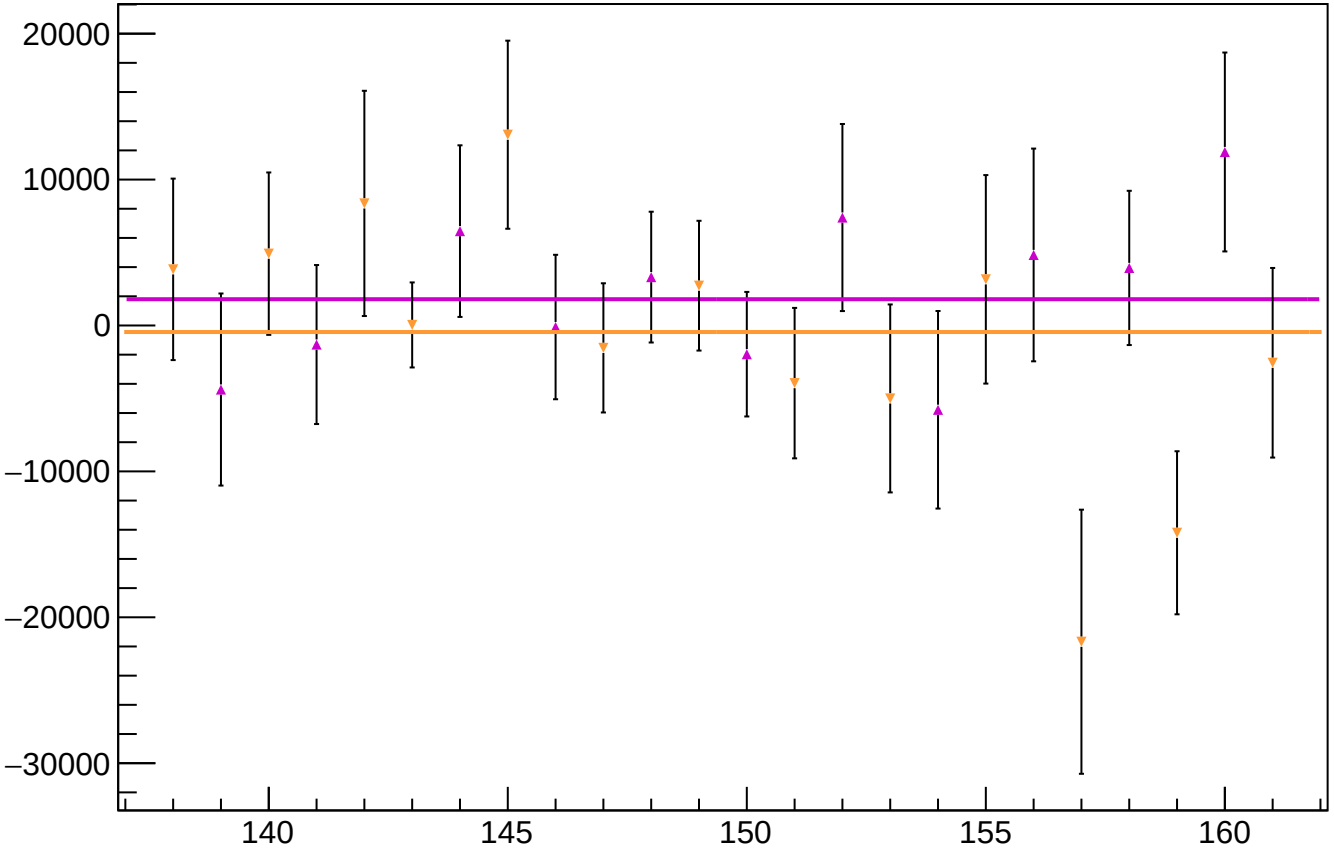
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1495.027+/-0.353 χ^2/NDF:49018.5/10

Out: 1538.076+/-0.352 χ^2/NDF:215560.6/12

All: 1516.607+/-0.249 χ^2/NDF: 272054.5/23

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: -448.522+/-1462.460 χ^2/NDF:20.6/12

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

Left In: 1800.649+/-1682.056 χ^2/NDF:7.4/10

Left: 519.755+/-1103.644 χ^2/NDF: 29.0/23

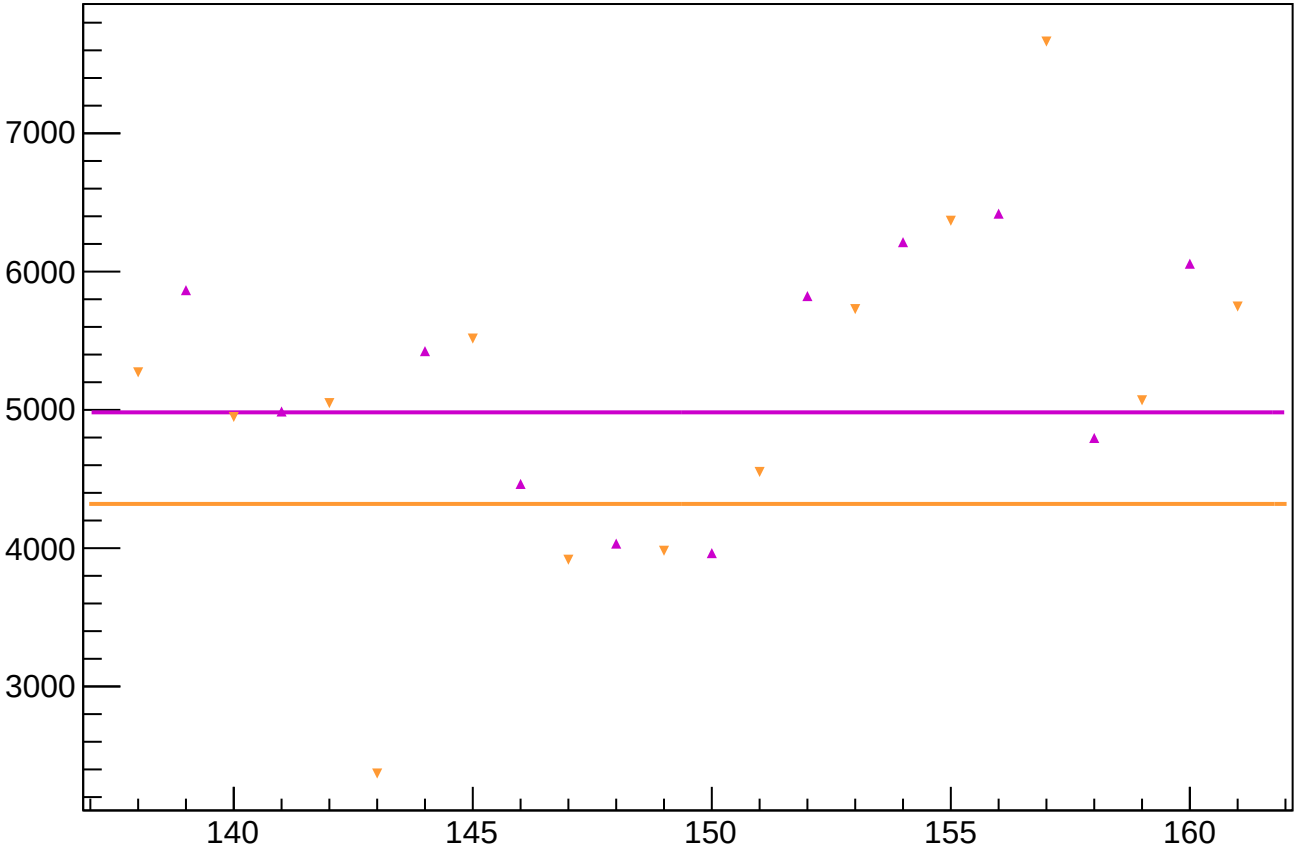
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1800.649+/-1682.056 χ^2/NDF:7.4/10

Out: -448.522+/-1462.460 χ^2/NDF:20.6/12

All: 519.755+/-1103.644 χ^2/NDF: 29.0/23

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: 4319.993+/-1.034 χ^2/NDF:1751624.1/12

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

Left In: 4982.199+/-1.189 χ^2/NDF:503080.6/10

Left: 4605.076+/-0.780 χ^2/NDF: 2431237.8/23

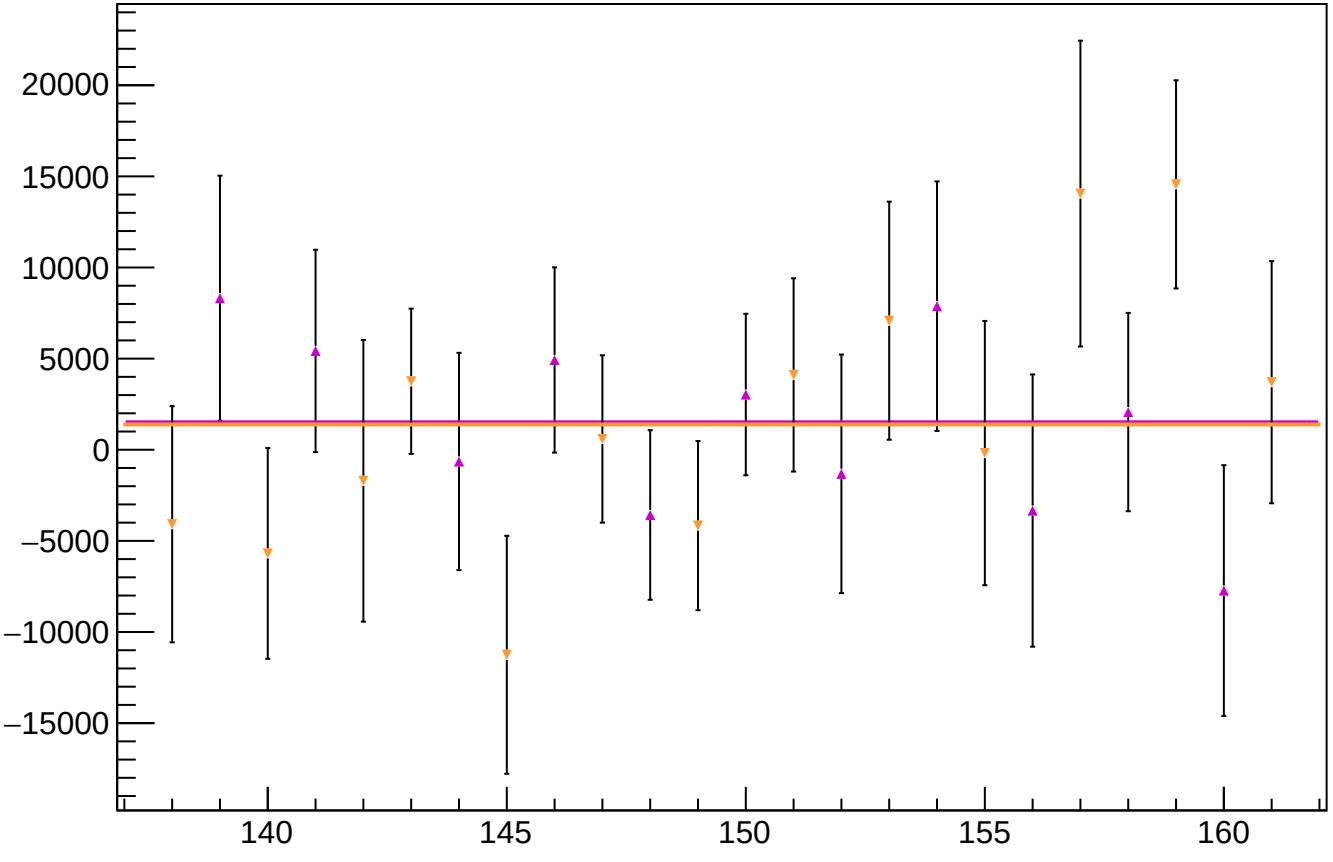
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4982.199+/-1.189 χ^2/NDF:503080.6/10

Out: 4319.993+/-1.034 χ^2/NDF:1751624.1/12

All: 4605.076+/-0.780 χ^2/NDF: 2431237.8/23

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: 1387.167+/-1588.420 χ^2/NDF:16.7/12

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

Left In: 1504.707+/-1724.972 χ^2/NDF:6.7/10

Left: 1441.101+/-1168.480 χ^2/NDF: 23.4/23

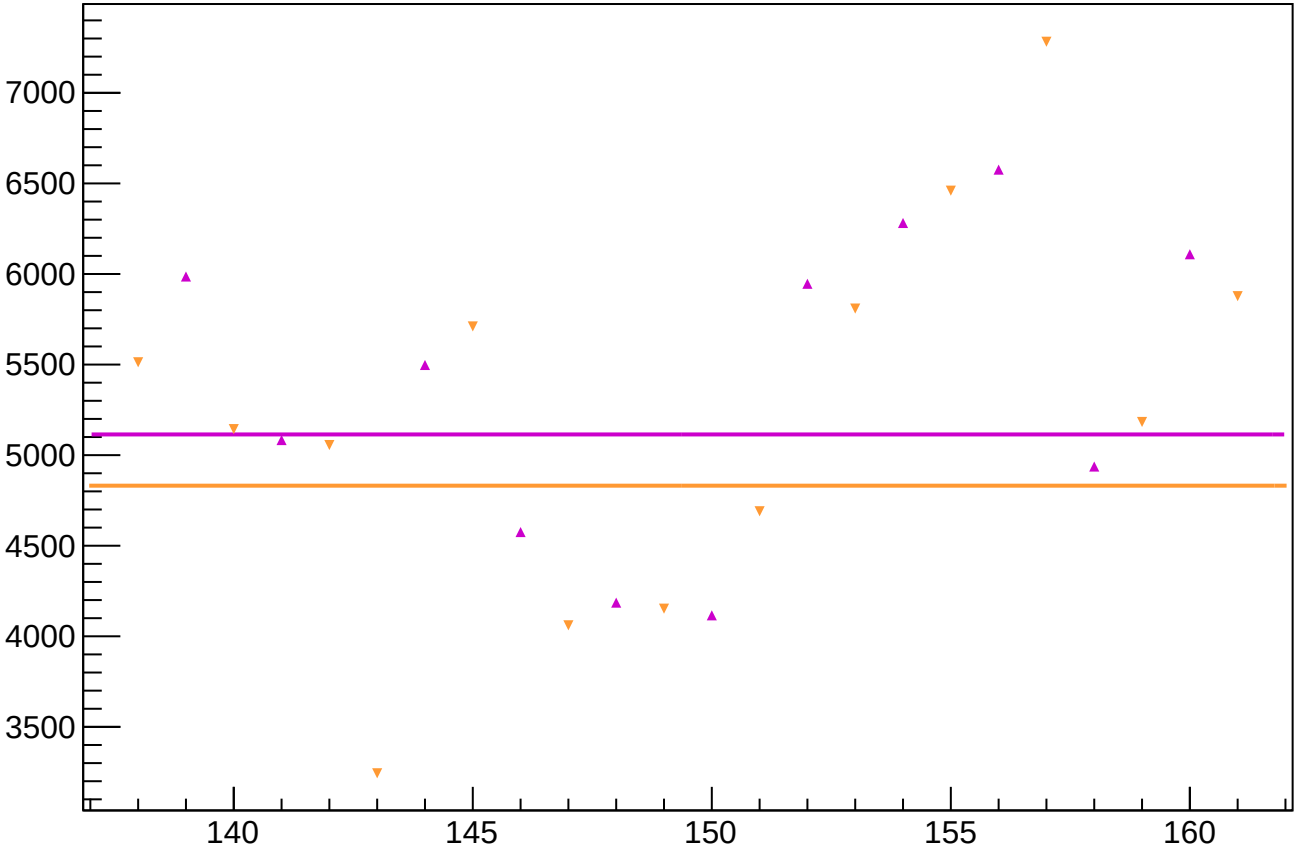
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1504.707+/-1724.972 χ^2/NDF:6.7/10

Out: 1387.167+/-1588.420 χ^2/NDF:16.7/12

All: 1441.101+/-1168.480 χ^2/NDF: 23.4/23

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: 4831.484+/-1.123 χ^2/NDF:857563.3/12

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

Left In: 5114.341+/-1.220 χ^2/NDF:456694.3/10

Left: 4961.275+/-0.826 χ^2/NDF: 1343358.9/23

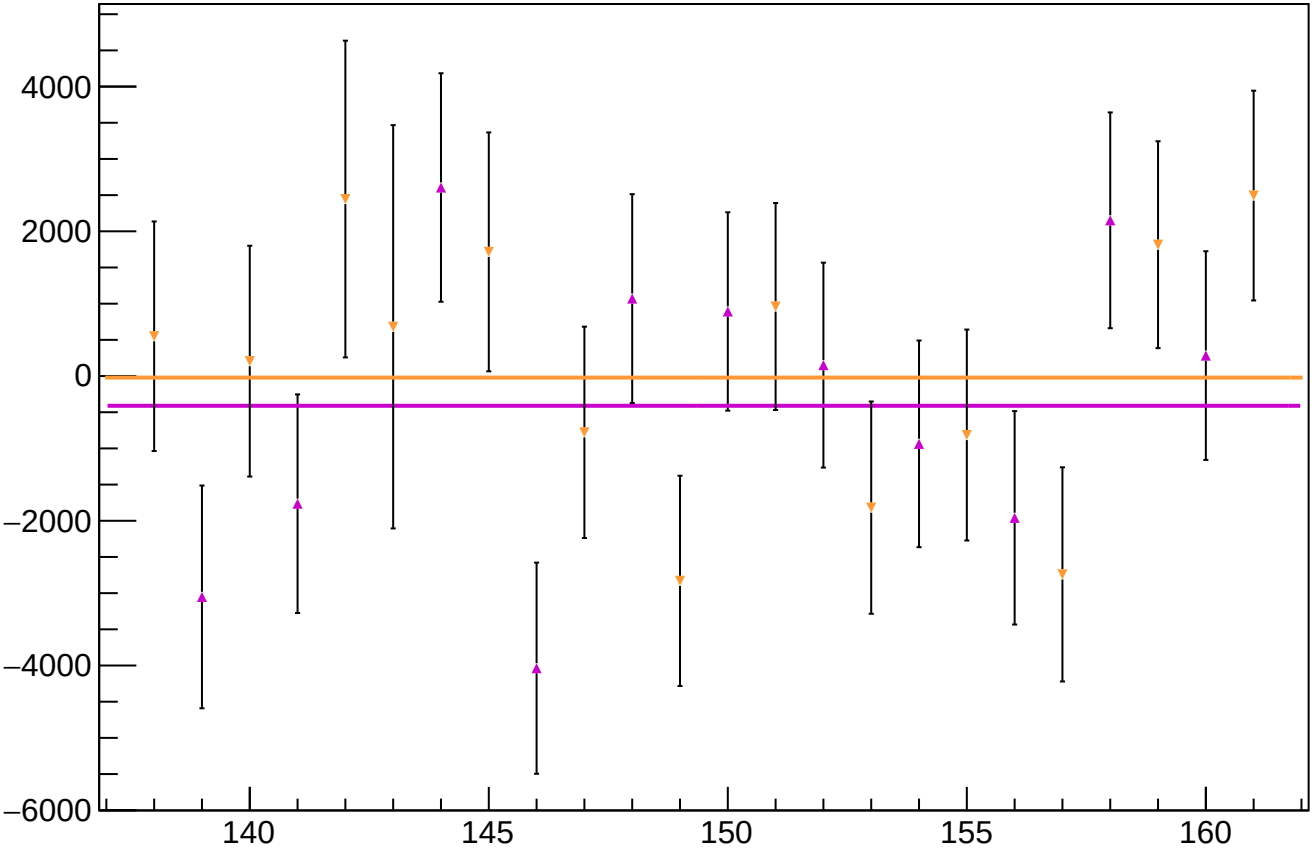
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5114.341+/-1.220 χ^2/NDF:456694.3/10

Out: 4831.484+/-1.123 χ^2/NDF:857563.3/12

All: 4961.275+/-0.826 χ^2/NDF: 1343358.9/23

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -21.427+/-435.003 χ^2/NDF:16.9/12

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

Left In: -410.791+/-441.777 χ^2/NDF:20.1/10

Left: -213.101+/-309.961 χ^2/NDF: 37.4/23

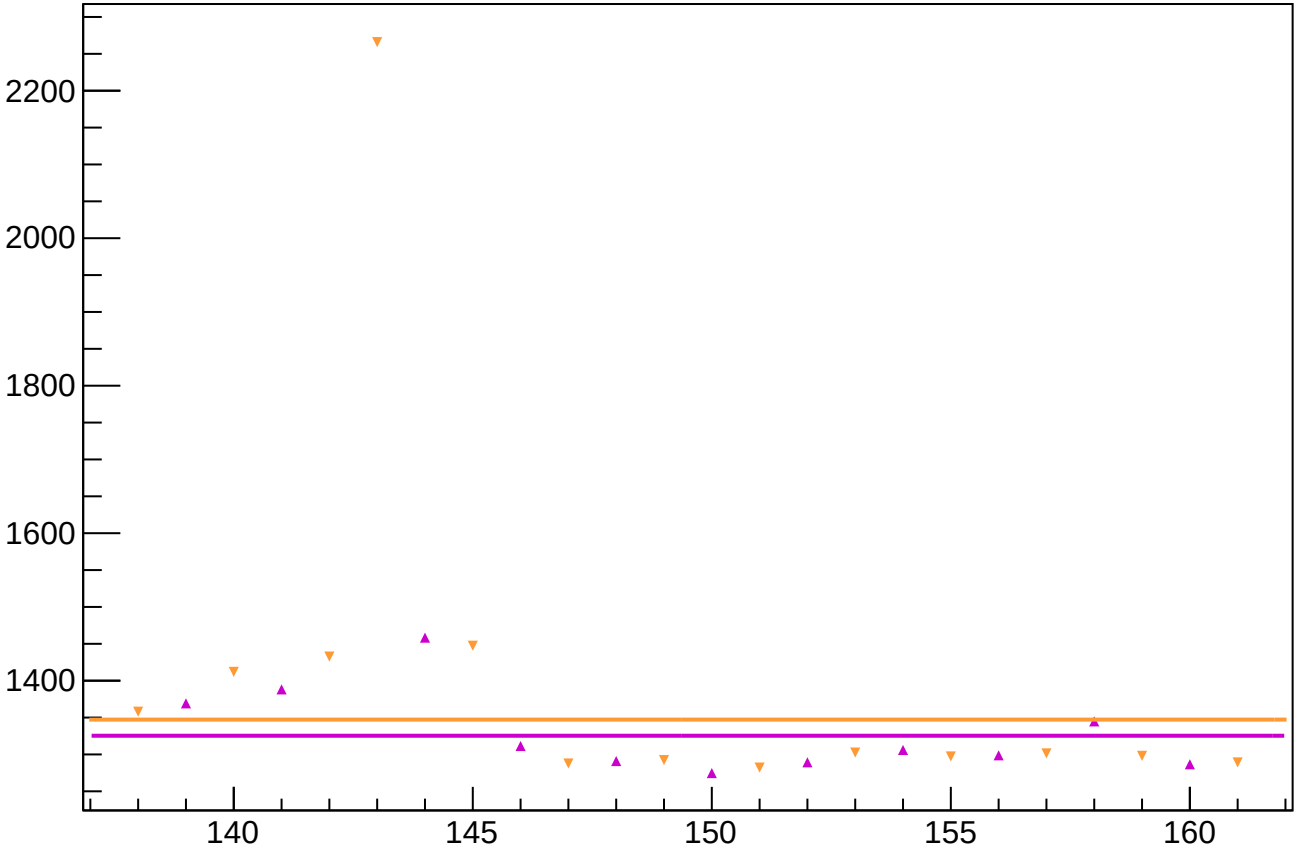
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -410.791+/-441.777 χ^2/NDF:20.1/10

Out: -21.427+/-435.003 χ^2/NDF:16.9/12

All: -213.101+/-309.961 χ^2/NDF: 37.4/23

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: 1347.233+/-0.308 χ^2/NDF:253222.4/12

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

Left In: 1325.360+/-0.312 χ^2/NDF:27421.0/10

Left: 1336.465+/-0.219 χ^2/NDF: 283132.7/23

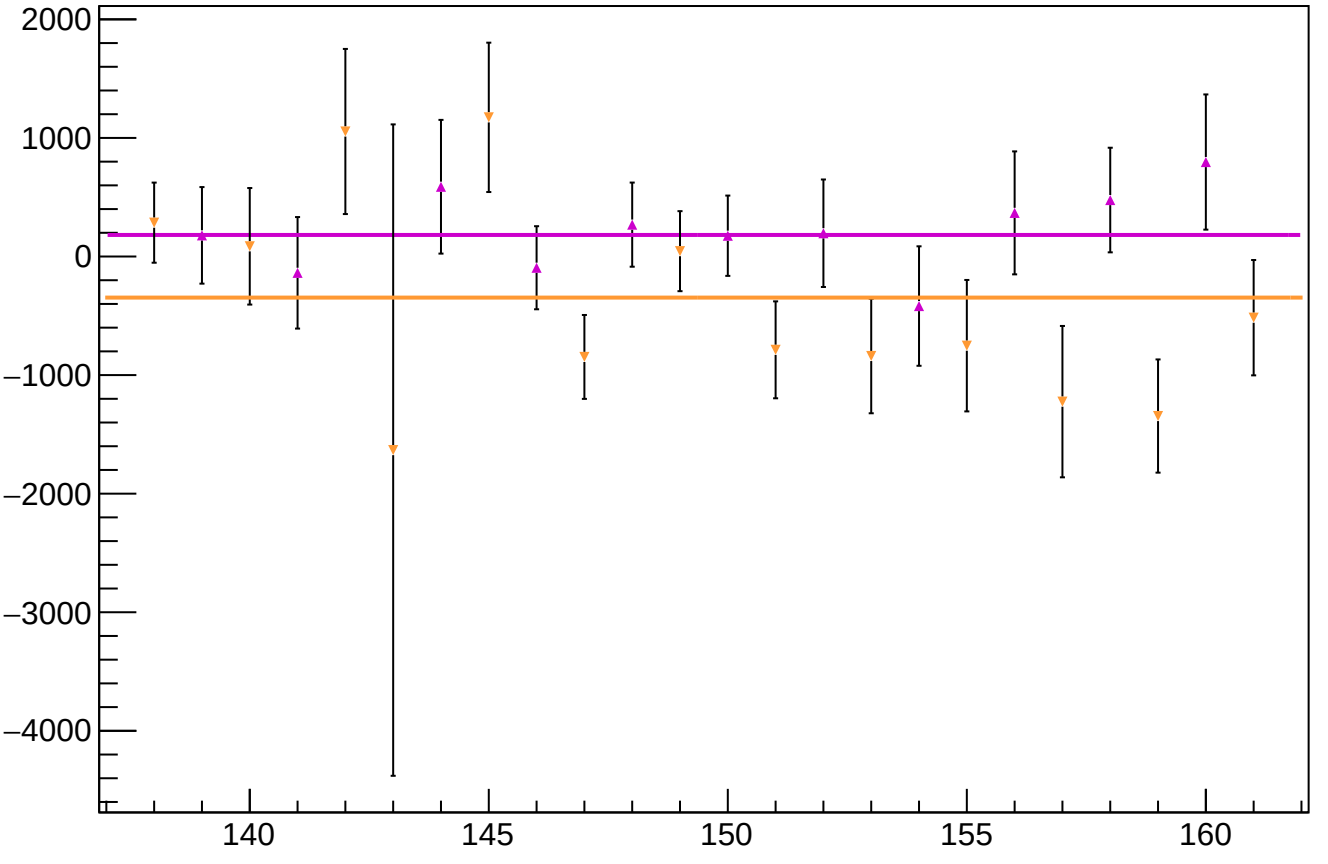
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1325.360+/-0.312 χ^2/NDF:27421.0/10

Out: 1347.233+/-0.308 χ^2/NDF:253222.4/12

All: 1336.465+/-0.219 χ^2/NDF: 283132.7/23

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: -346.482+/-130.202 χ^2/NDF:26.8/12

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

Left In: 181.787+/-129.909 χ^2/NDF:4.8/10

Left: -81.751+/-91.963 χ^2/NDF: 39.9/23

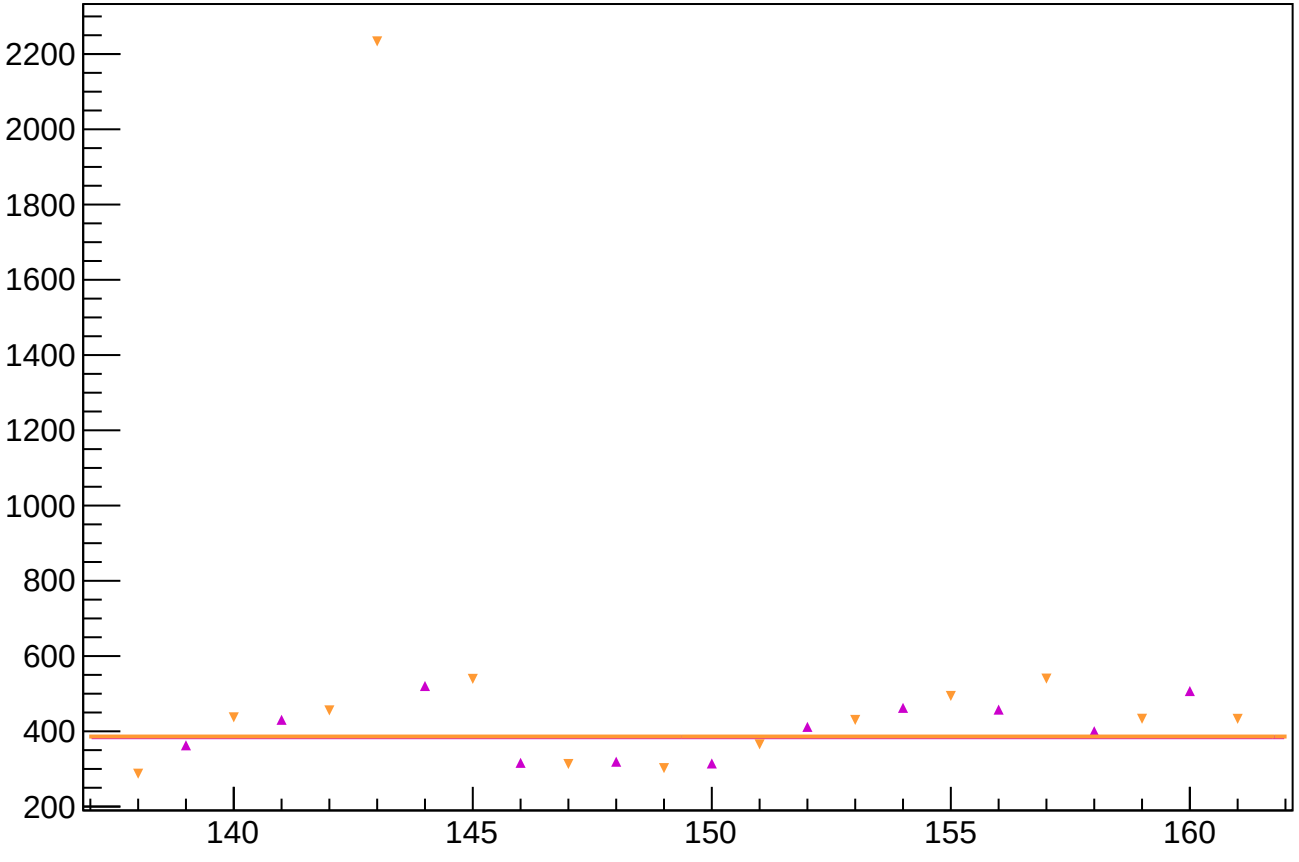
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 181.787+/-129.909 χ^2/NDF:4.8/10

Out: -346.482+/-130.202 χ^2/NDF:26.8/12

All: -81.751+/-91.963 χ^2/NDF: 39.9/23

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: 386.107+/-0.092 χ^2/NDF:1696748.4/12

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

Left In: 384.378+/-0.092 χ^2/NDF:559877.1/10

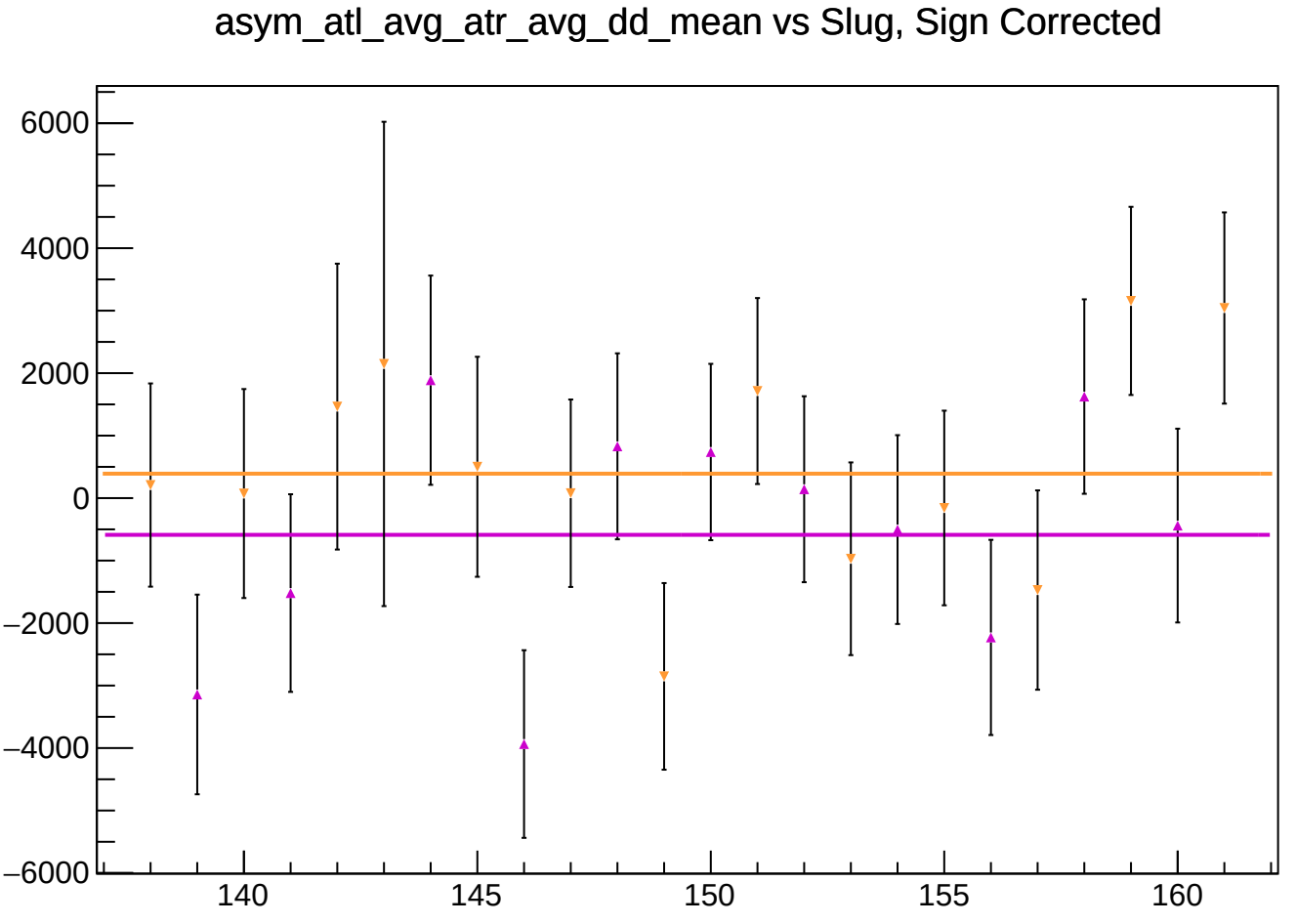
Left: 385.241+/-0.065 χ^2/NDF: 2256802.2/23

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 384.378+/-0.092 χ^2/NDF:559877.1/10

Out: 386.107+/-0.092 χ^2/NDF:1696748.4/12

All: 385.241+/-0.065 χ^2/NDF: 2256802.2/23



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

Left Out: 390.975+/-458.617 χ^2/NDF:14.7/12

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

Left In: -587.989+/-462.561 χ^2/NDF:15.2/10

Left: -94.315+/-325.677 χ^2/NDF: 32.2/23

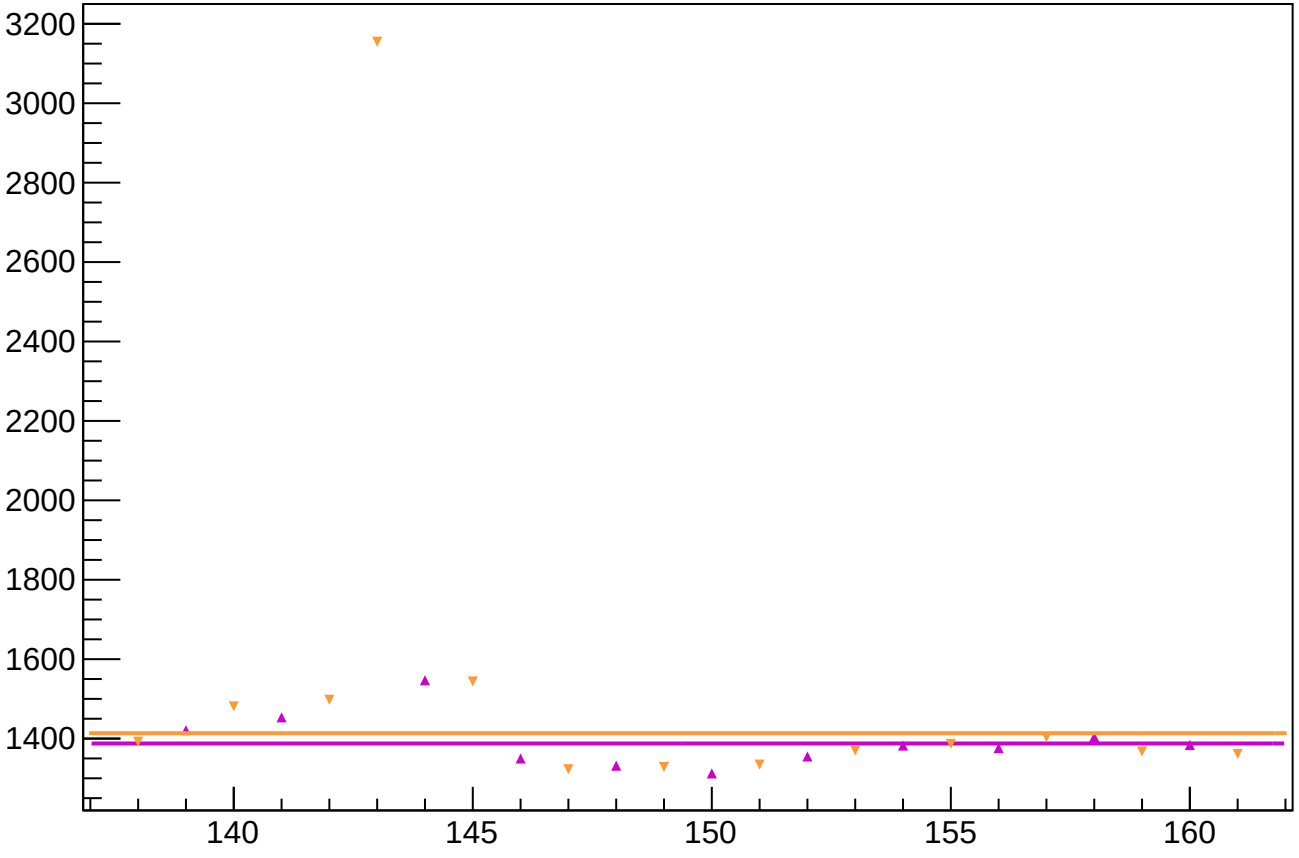
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -587.989+/-462.561 χ^2/NDF:15.2/10

Out: 390.975+/-458.617 χ^2/NDF:14.7/12

All: -94.315+/-325.677 χ^2/NDF: 32.2/23

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: 1413.574+/-0.324 χ^2/NDF:446879.2/12

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

Left In: 1387.671+/-0.327 χ^2/NDF:33566.2/10

Left: 1400.733+/-0.230 χ^2/NDF: 483608.0/23

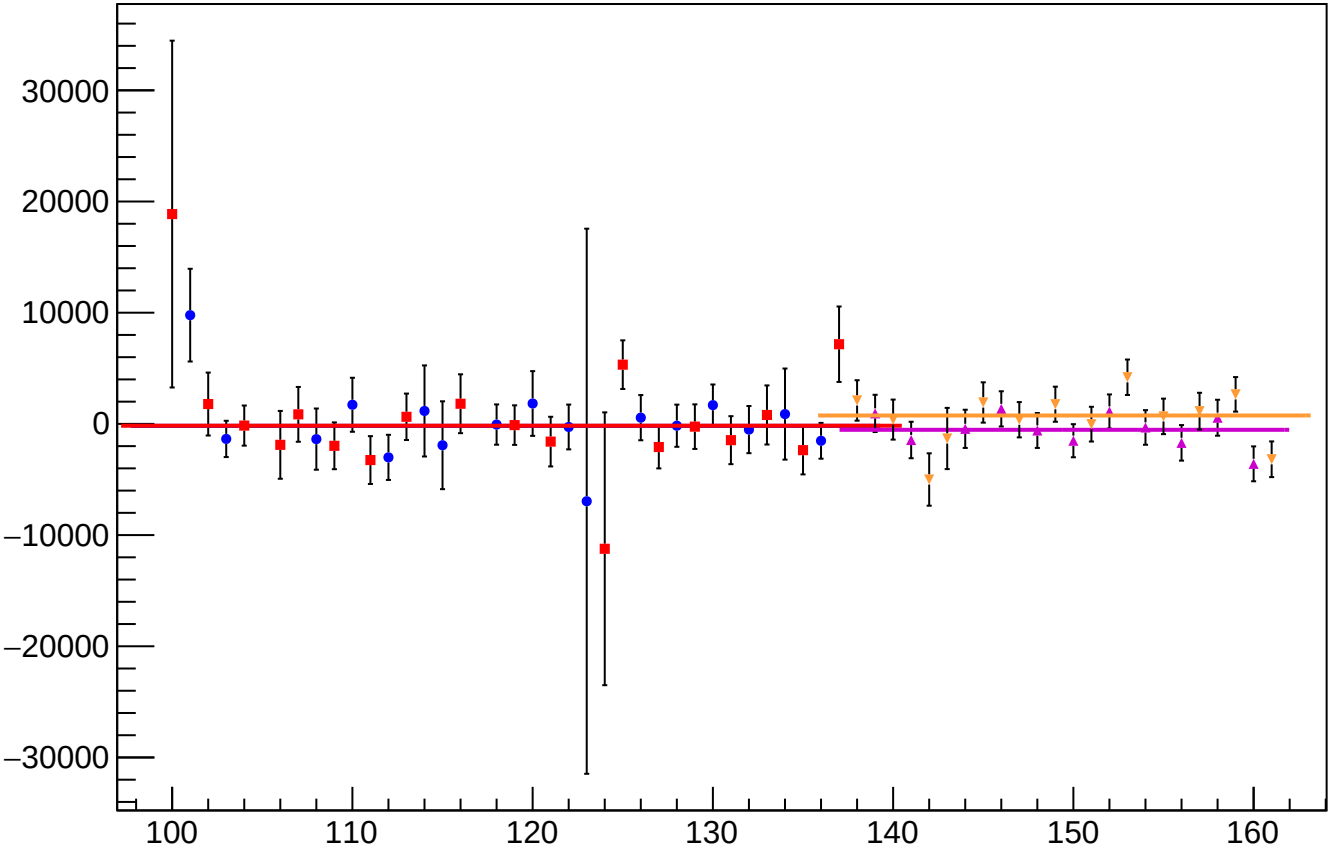
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1387.671+/-0.327 χ^2/NDF:33566.2/10

Out: 1413.574+/-0.324 χ^2/NDF:446879.2/12

All: 1400.733+/-0.230 χ^2/NDF: 483608.0/23

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: 755.597+/-477.363 χ^2/NDF:20.5/12

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

Left In: -532.282+/-479.965 χ^2/NDF:8.9/10

Left: 115.158+/-338.463 χ^2/NDF: 33.0/23

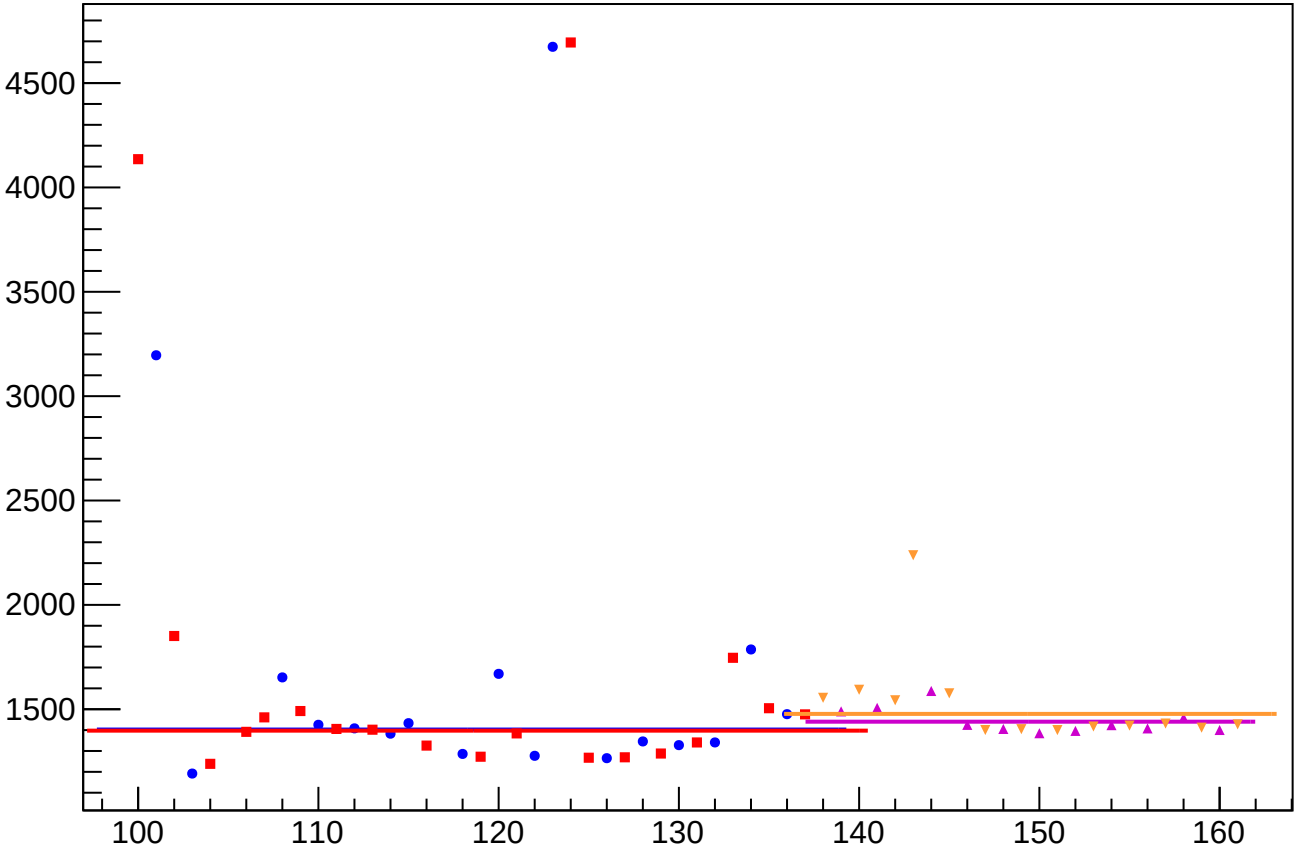
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -379.233+/-362.944 χ^2/NDF:20.9/27

Out: 351.876+/-357.681 χ^2/NDF:42.8/31

All: -8.339+/-254.759 χ^2/NDF: 65.7/59

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: 1477.648+/-0.338 χ^2/NDF:198283.2/12

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

Left In: 1440.311+/-0.339 χ^2/NDF:27816.1/10

Left: 1459.081+/-0.239 χ^2/NDF: 232183.7/23

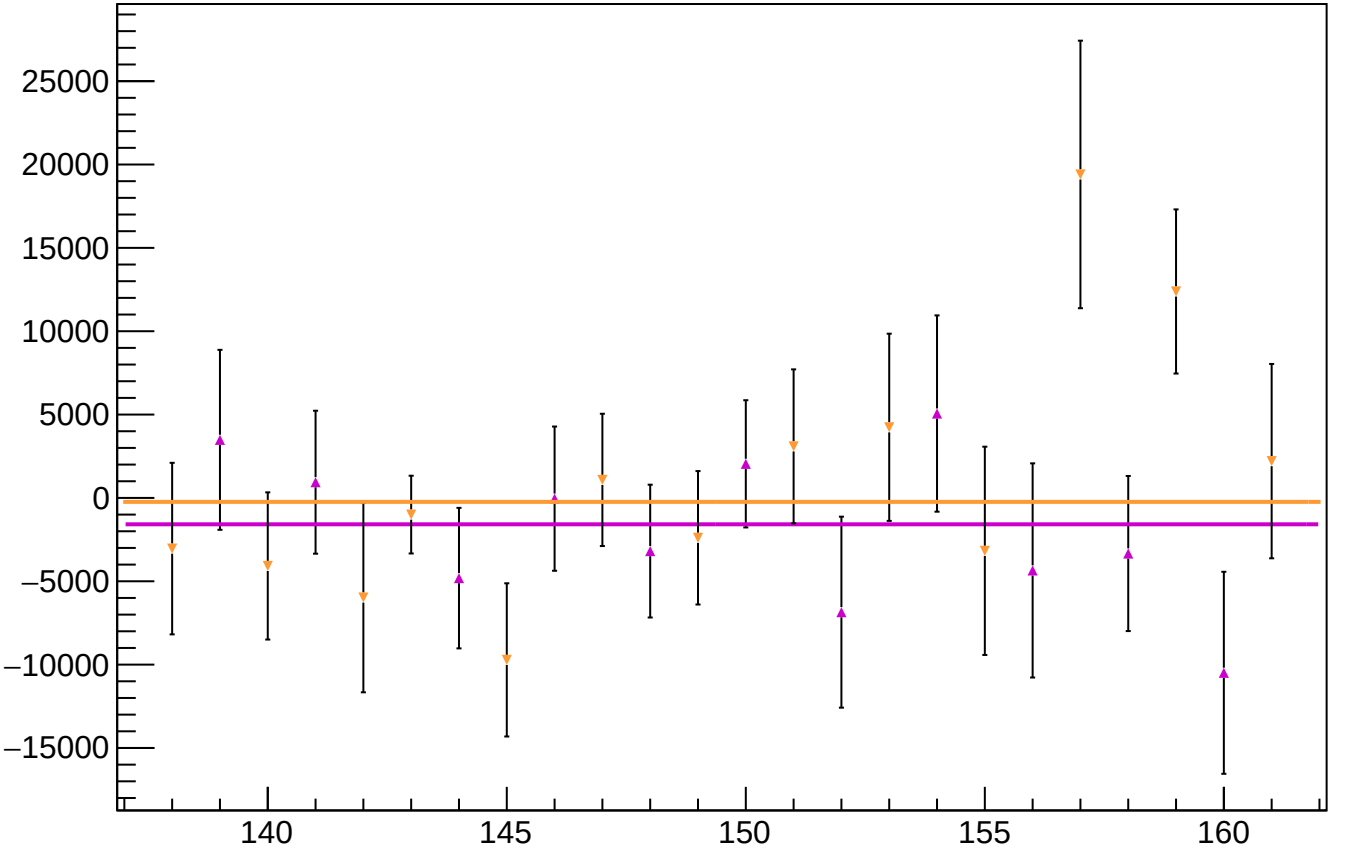
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1424.210+/-0.257 χ^2/NDF:559398.6/27

Out: 1442.449+/-0.253 χ^2/NDF:576426.4/31

All: 1433.465+/-0.180 χ^2/NDF: 1138387.8/59

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: -237.269+/-1223.915 χ^2/NDF:21.0/12

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

Left In: -1582.751+/-1432.742 χ^2/NDF:7.6/10

Left: -804.897+/-930.596 χ^2/NDF: 29.1/23

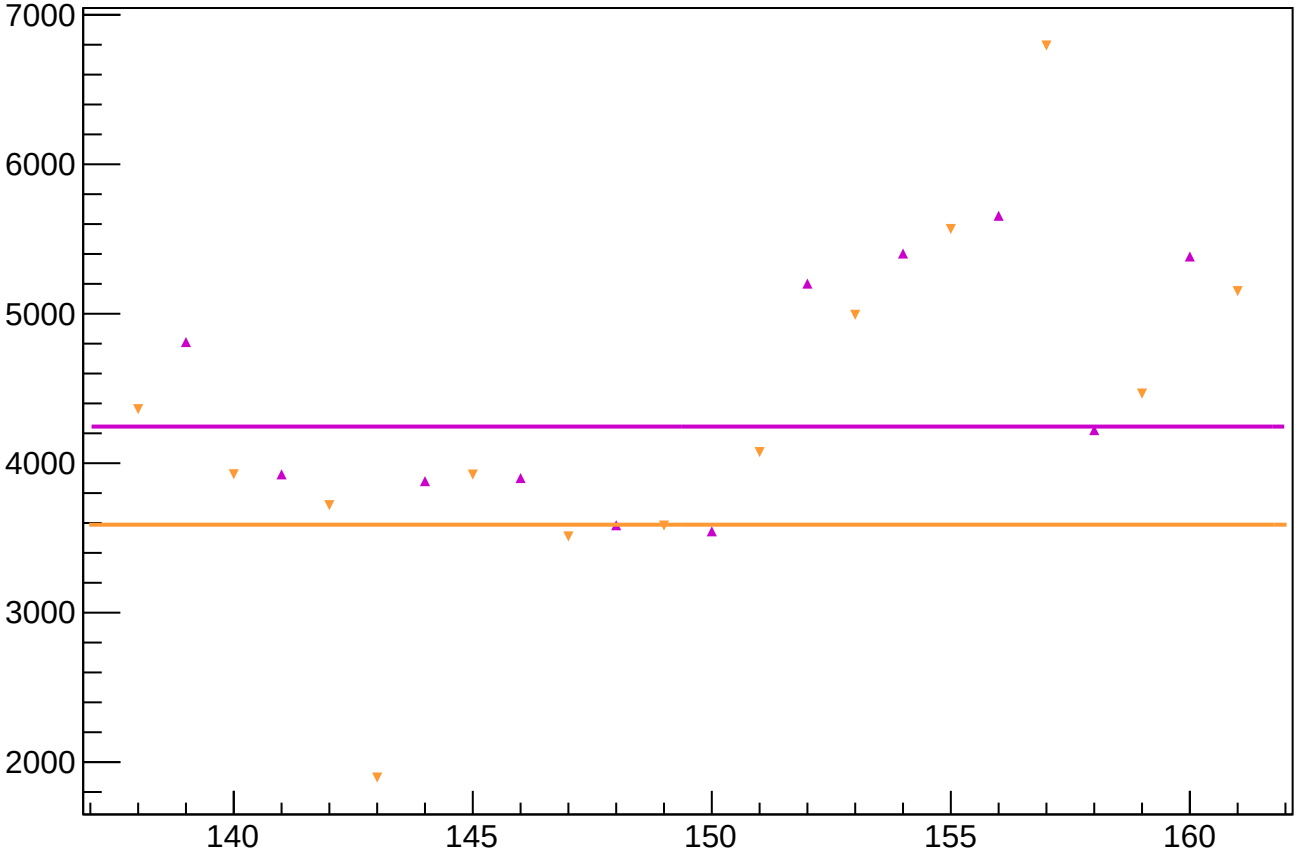
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1582.751+/-1432.742 χ^2/NDF:7.6/10

Out: -237.269+/-1223.915 χ^2/NDF:21.0/12

All: -804.897+/-930.596 χ^2/NDF: 29.1/23

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: 3588.654+/-0.865 χ^2/NDF:1995898.3/12

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

Left In: 4245.123+/-1.013 χ^2/NDF:483302.5/10

Left: 3865.603+/-0.658 χ^2/NDF: 2721941.6/23

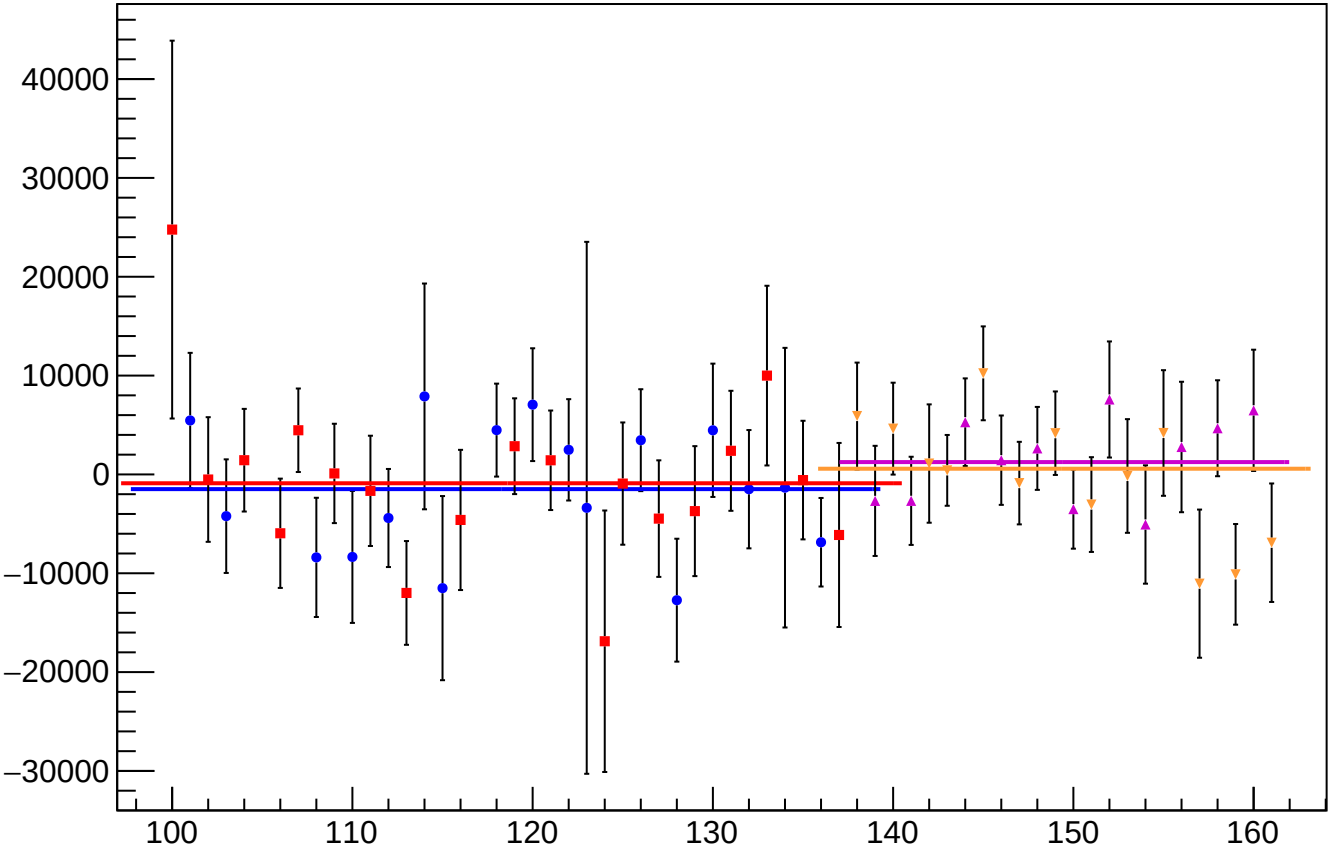
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4245.123+/-1.013 χ^2/NDF:483302.5/10

Out: 3588.654+/-0.865 χ^2/NDF:1995898.3/12

All: 3865.603+/-0.658 χ^2/NDF: 2721941.6/23

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: 576.712+/-1377.820 χ^2/NDF:16.0/12

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

Left In: 1248.496+/-1490.146 χ^2/NDF:7.2/10

Left: 886.334+/-1011.648 χ^2/NDF: 23.3/23

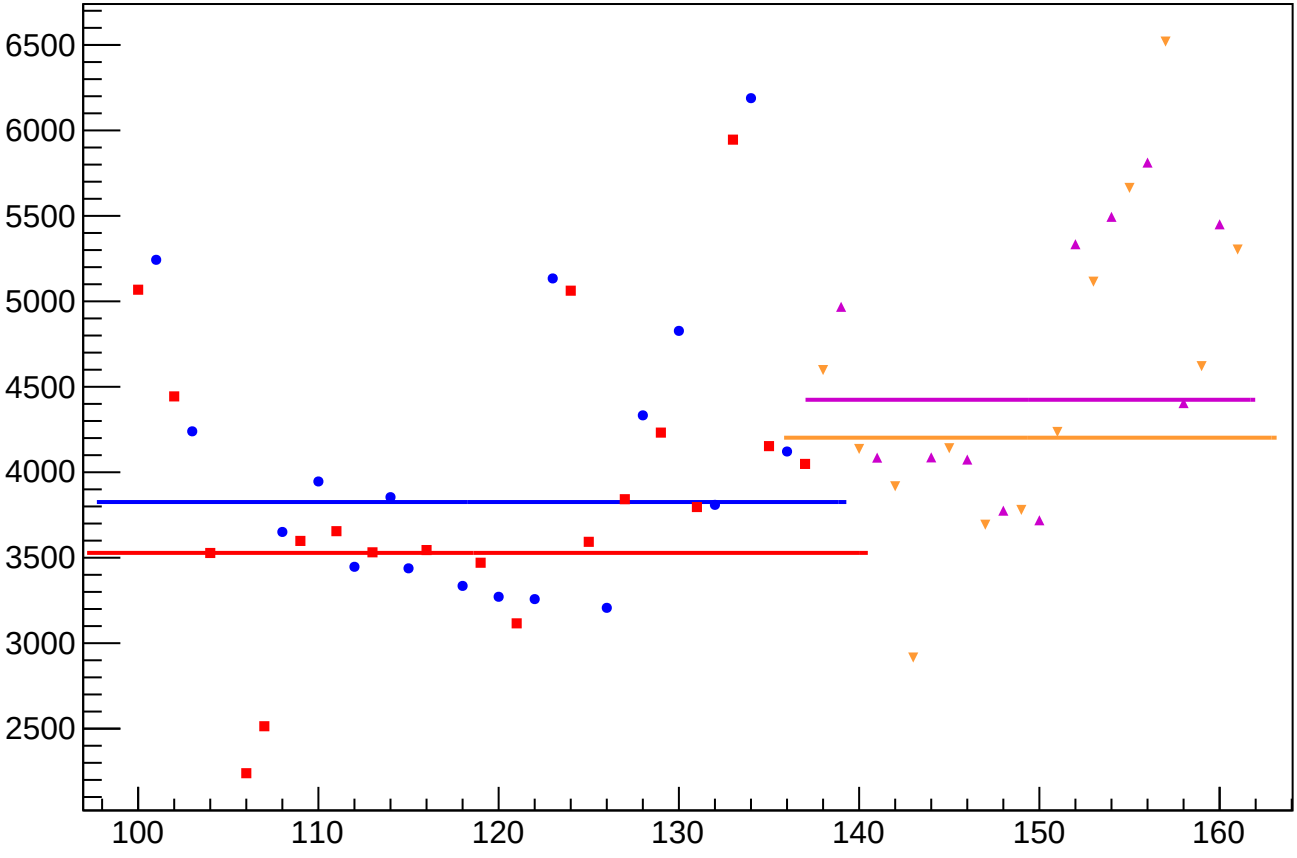
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -111.062+/-1056.849 χ^2/NDF:25.5/27

Out: -158.142+/-974.651 χ^2/NDF:30.7/31

All: -136.504+/-716.482 χ^2/NDF: 56.2/59

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: 4202.259+/-0.974 χ^2/NDF:751928.6/12

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

Left In: 4424.102+/-1.054 χ^2/NDF:420363.3/10

Left: 4304.505+/-0.715 χ^2/NDF: 1196188.6/23

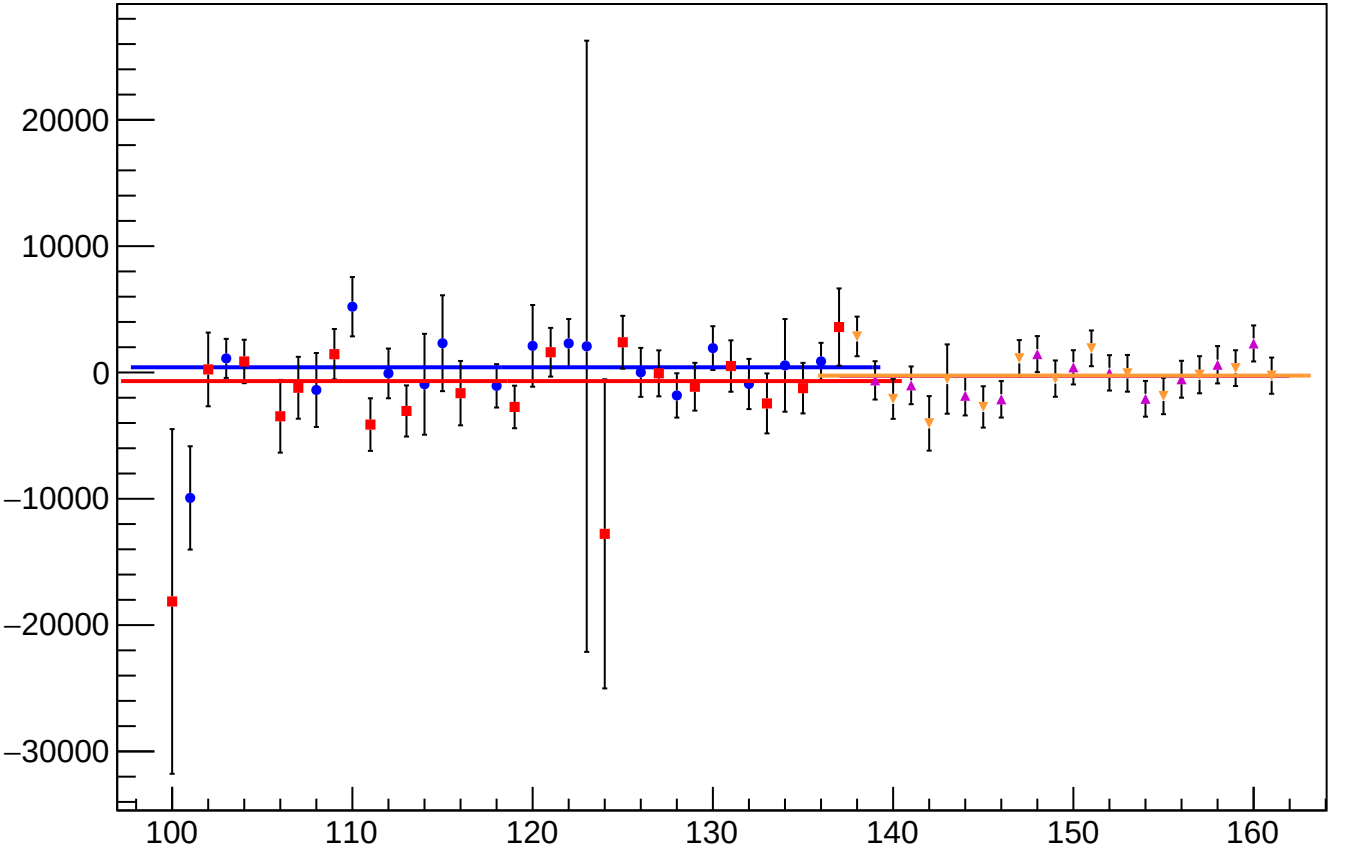
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 4126.760+/-0.747 χ^2/NDF:914987.8/27

Out: 3862.464+/-0.686 χ^2/NDF:1548612.7/31

All: 3983.336+/-0.505 χ^2/NDF: 2531478.8/59

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: -247.533+/-430.608 χ^2/NDF:15.3/12

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

Left In: -280.826+/-436.994 χ^2/NDF:10.0/10

Left: -263.934+/-306.719 χ^2/NDF: 25.3/23

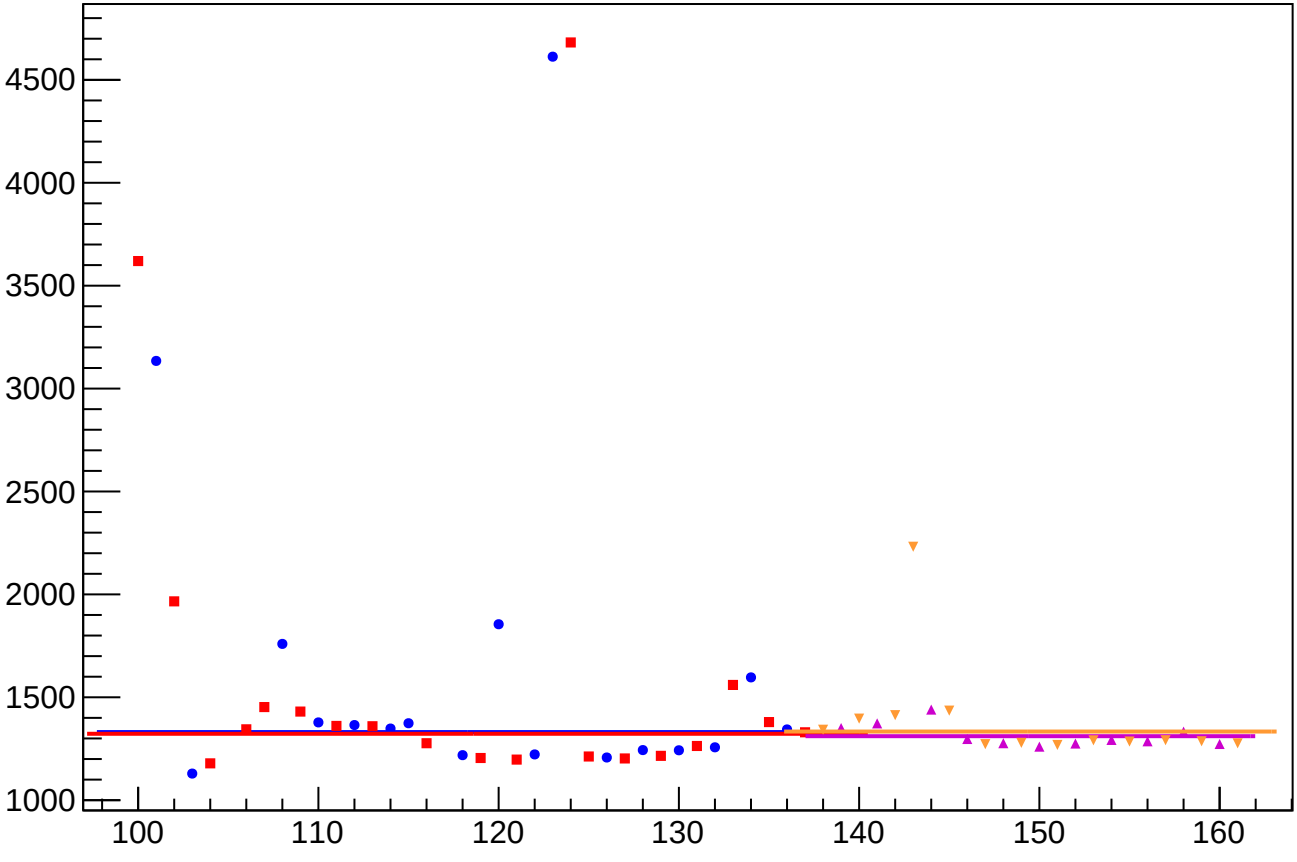
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: 0.601+/-336.644 χ^2/NDF:27.5/27

Out: -428.347+/-329.069 χ^2/NDF:33.8/31

All: -218.753+/-235.319 χ^2/NDF: 62.2/59

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: 1333.585+/-0.304 χ^2/NDF:249573.9/12

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

Left In: 1311.008+/-0.309 χ^2/NDF:26764.5/10

Left: 1322.462+/-0.217 χ^2/NDF: 279046.9/23

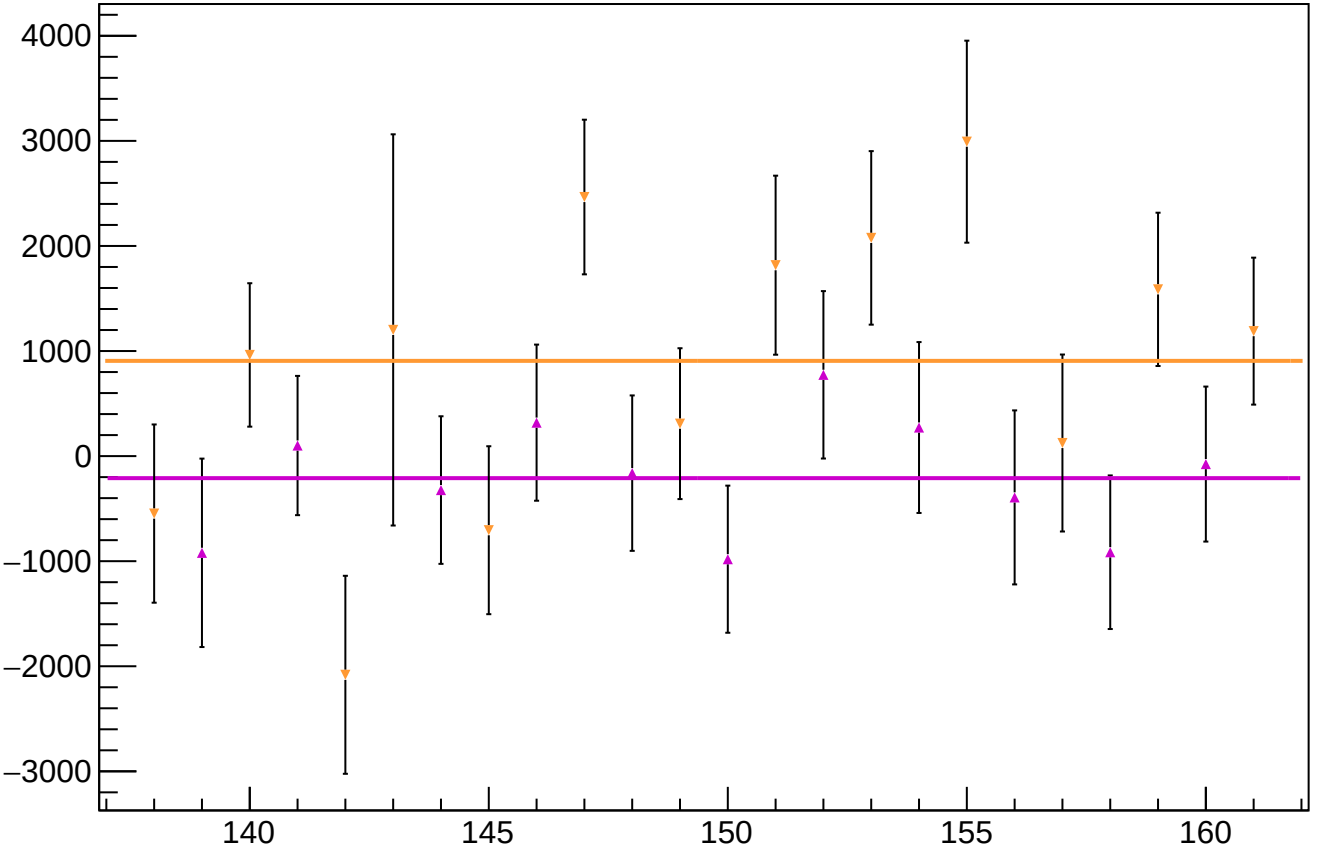
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1319.090+/-0.238 χ^2/NDF:631922.0/27

Out: 1329.059+/-0.233 χ^2/NDF:644518.6/31

All: 1324.188+/-0.166 χ^2/NDF: 1277337.4/59

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: 906.405+/-226.080 χ^2/NDF:32.0/12

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

Left In: -209.750+/-226.544 χ^2/NDF:5.5/10

Left: 349.471+/-160.027 χ^2/NDF: 49.7/23

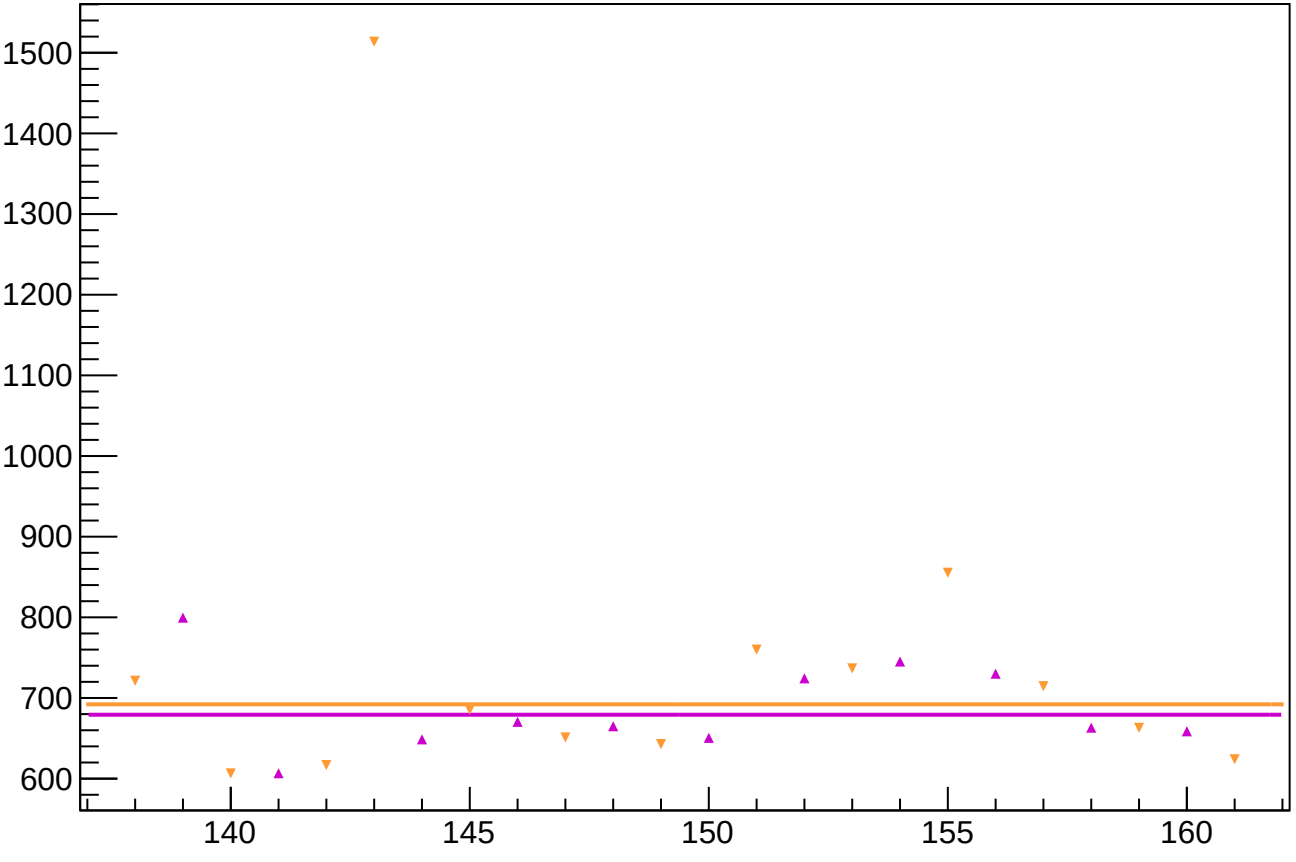
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -209.750+/-226.544 χ^2/NDF:5.5/10

Out: 906.405+/-226.080 χ^2/NDF:32.0/12

All: 349.471+/-160.027 χ^2/NDF: 49.7/23

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: 692.145+/-0.160 χ^2/NDF:551616.4/12

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

Left In: 679.240+/-0.160 χ^2/NDF:97790.3/10

Left: 685.706+/-0.113 χ^2/NDF: 652658.6/23

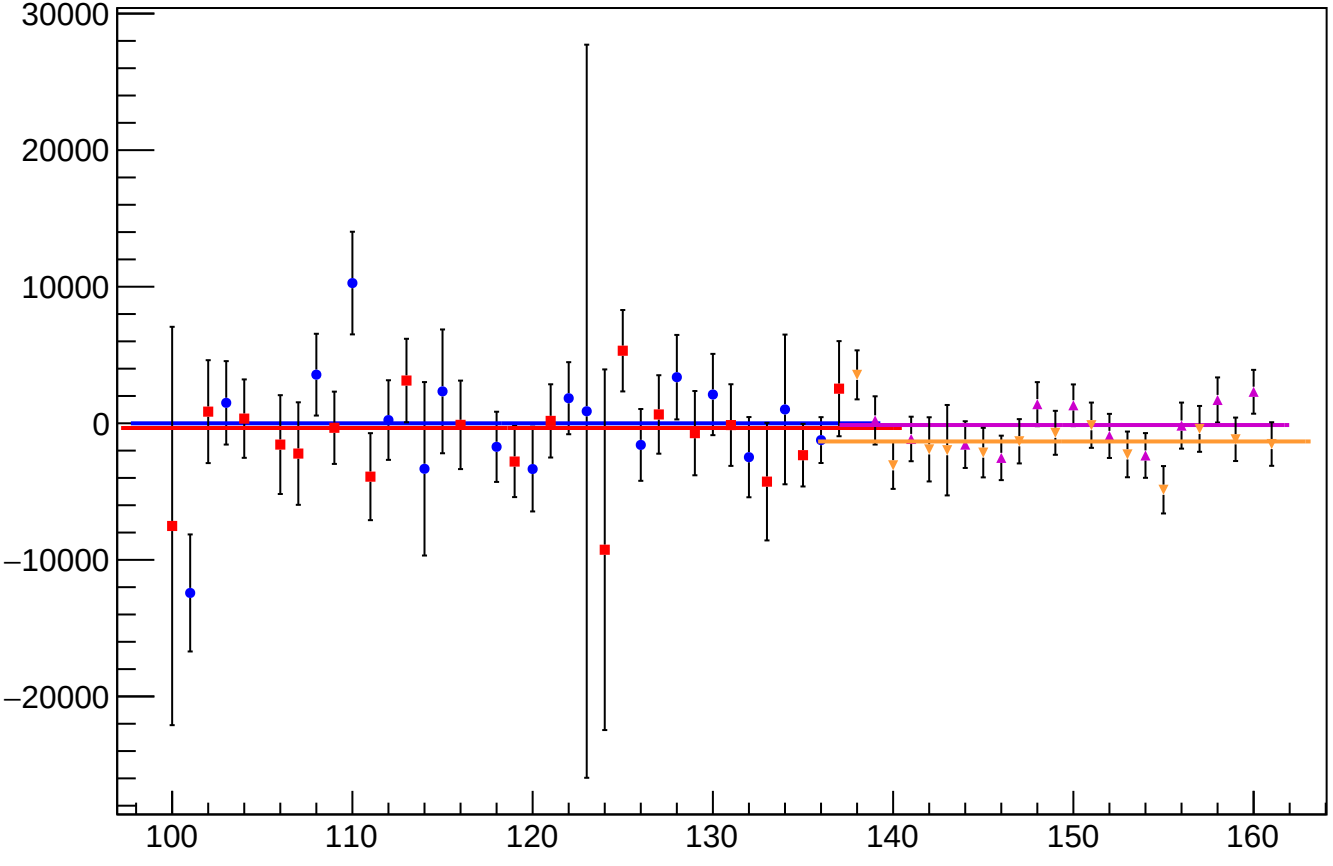
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 679.240+/-0.160 χ^2/NDF:97790.3/10

Out: 692.145+/-0.160 χ^2/NDF:551616.4/12

All: 685.706+/-0.113 χ^2/NDF: 652658.6/23

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: -1330.057+/-488.890 χ^2/NDF:14.2/12

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

Left In: -126.960+/-494.246 χ^2/NDF:10.7/10

Left: -735.063+/-347.576 χ^2/NDF: 27.9/23

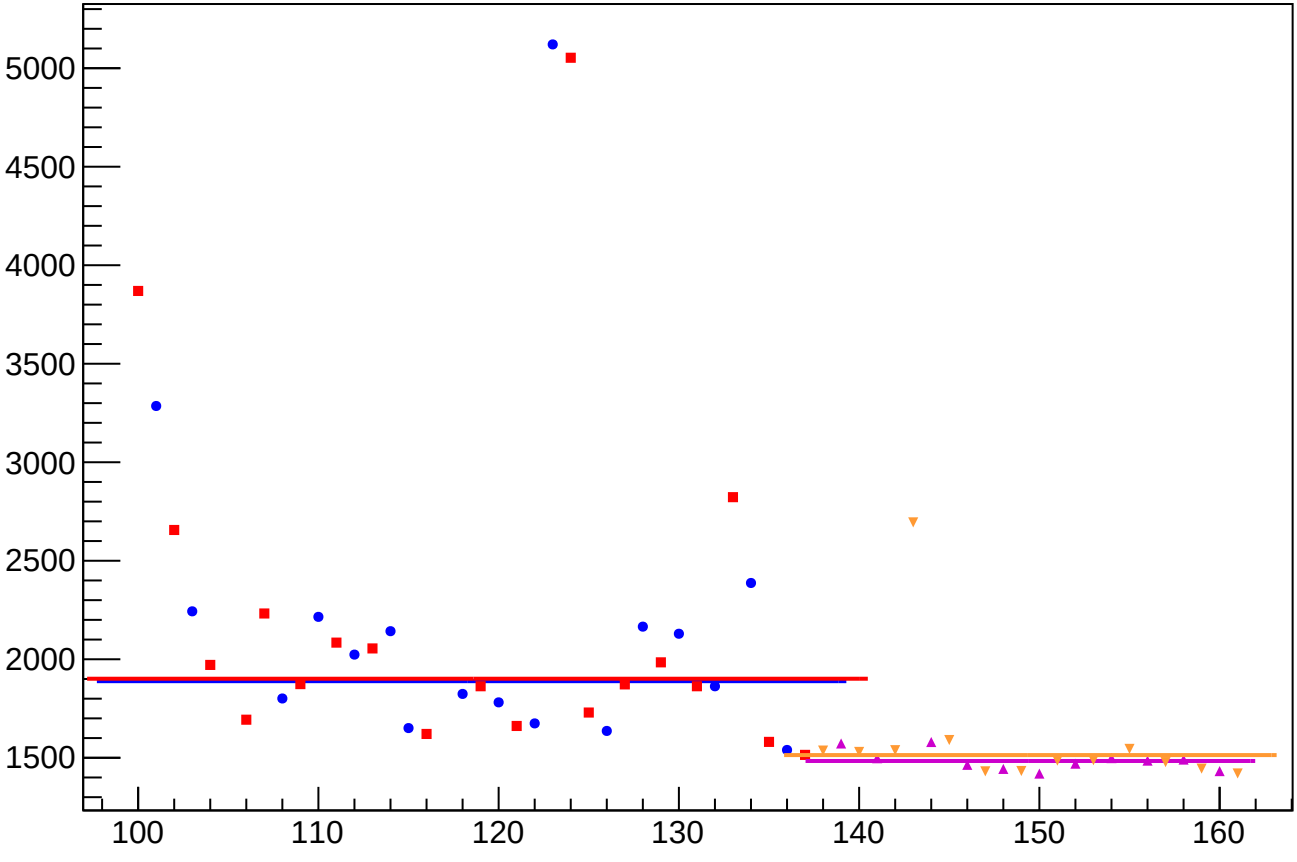
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -88.837+/-411.865 χ^2/NDF:34.3/27

Out: -1027.230+/-406.847 χ^2/NDF:26.1/31

All: -563.784+/-289.442 χ^2/NDF: 63.0/59

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: 1513.689+/-0.346 χ^2/NDF:282106.4/12

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

Left In: 1483.753+/-0.349 χ^2/NDF:18982.1/10

Left: 1498.884+/-0.246 χ^2/NDF: 304797.2/23

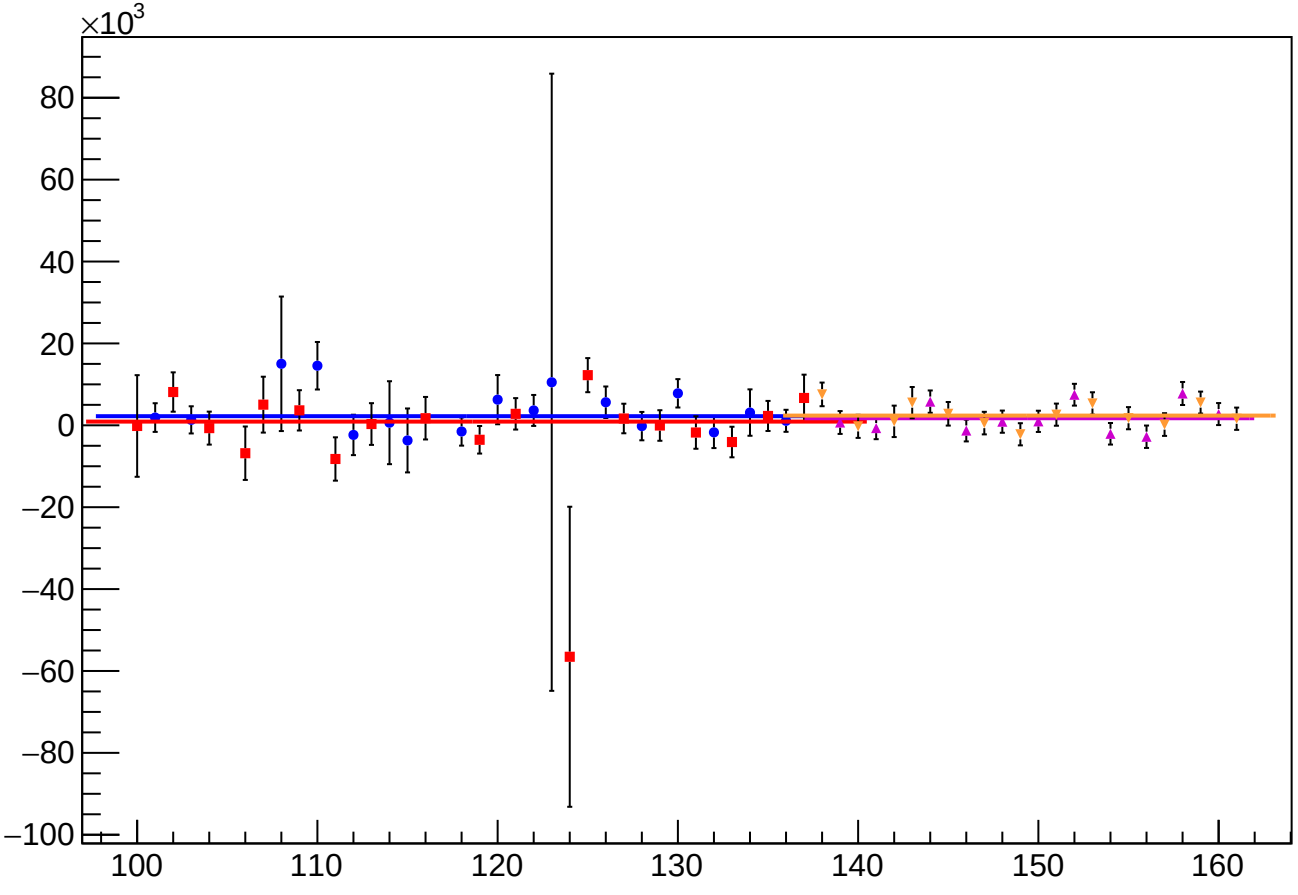
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1607.532+/-0.291 χ^2/NDF:895317.2/27

Out: 1632.853+/-0.288 χ^2/NDF:1129977.6/31

All: 1620.348+/-0.205 χ^2/NDF: 2029121.0/59

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2374.448+/-794.719 χ^2/NDF:11.6/12

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

Left In: 1727.436+/-814.022 χ^2/NDF:18.8/10

Left: 2058.704+/-568.653 χ^2/NDF: 30.7/23

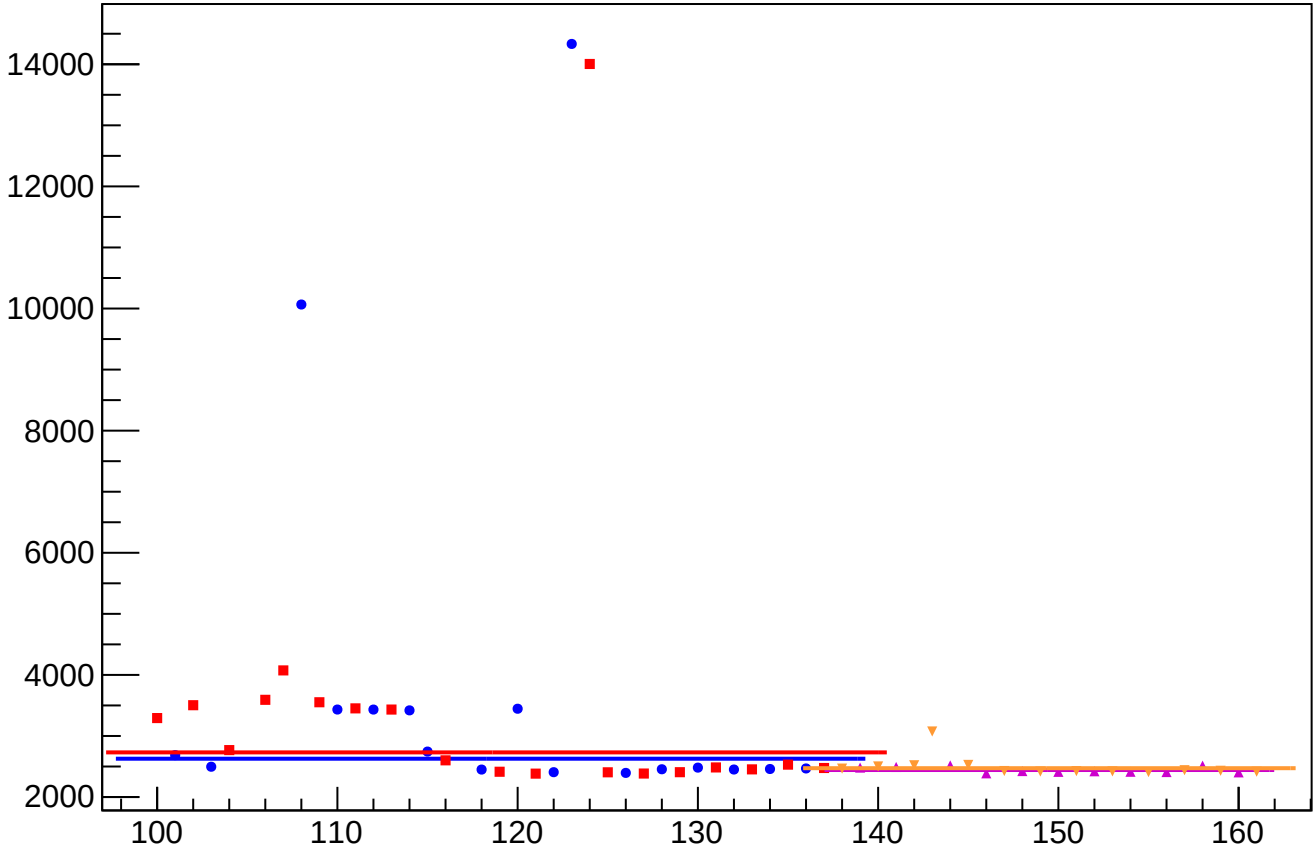
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1917.577+/-640.847 χ^2/NDF:32.5/27

Out: 1838.261+/-632.990 χ^2/NDF:35.7/31

All: 1877.430+/-450.344 χ^2/NDF: 68.3/59

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2472.419+/-0.562 χ^2/NDF:56542.6/12

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

Left In: 2442.596+/-0.576 χ^2/NDF:6180.6/10

Left: 2457.865+/-0.402 χ^2/NDF: 64097.6/23

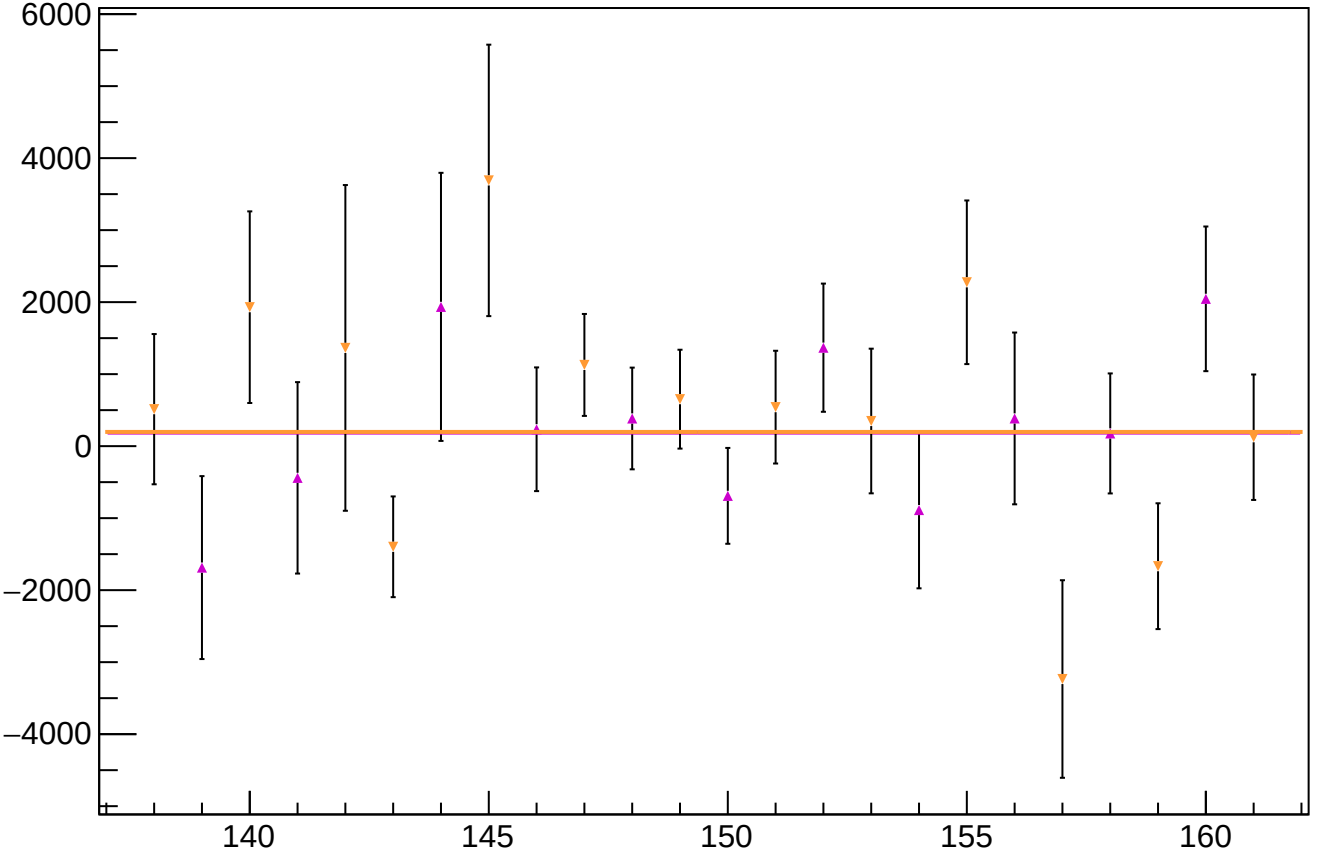
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2512.927+/-0.453 χ^2/NDF:689843.3/27

Out: 2567.054+/-0.448 χ^2/NDF:732322.4/31

All: 2540.324+/-0.318 χ^2/NDF: 1429387.4/59

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 197.436+/-261.030 χ^2/NDF:27.2/12

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

Left In: 188.226+/-284.758 χ^2/NDF:11.3/10

Left: 193.231+/-192.419 χ^2/NDF: 38.5/23

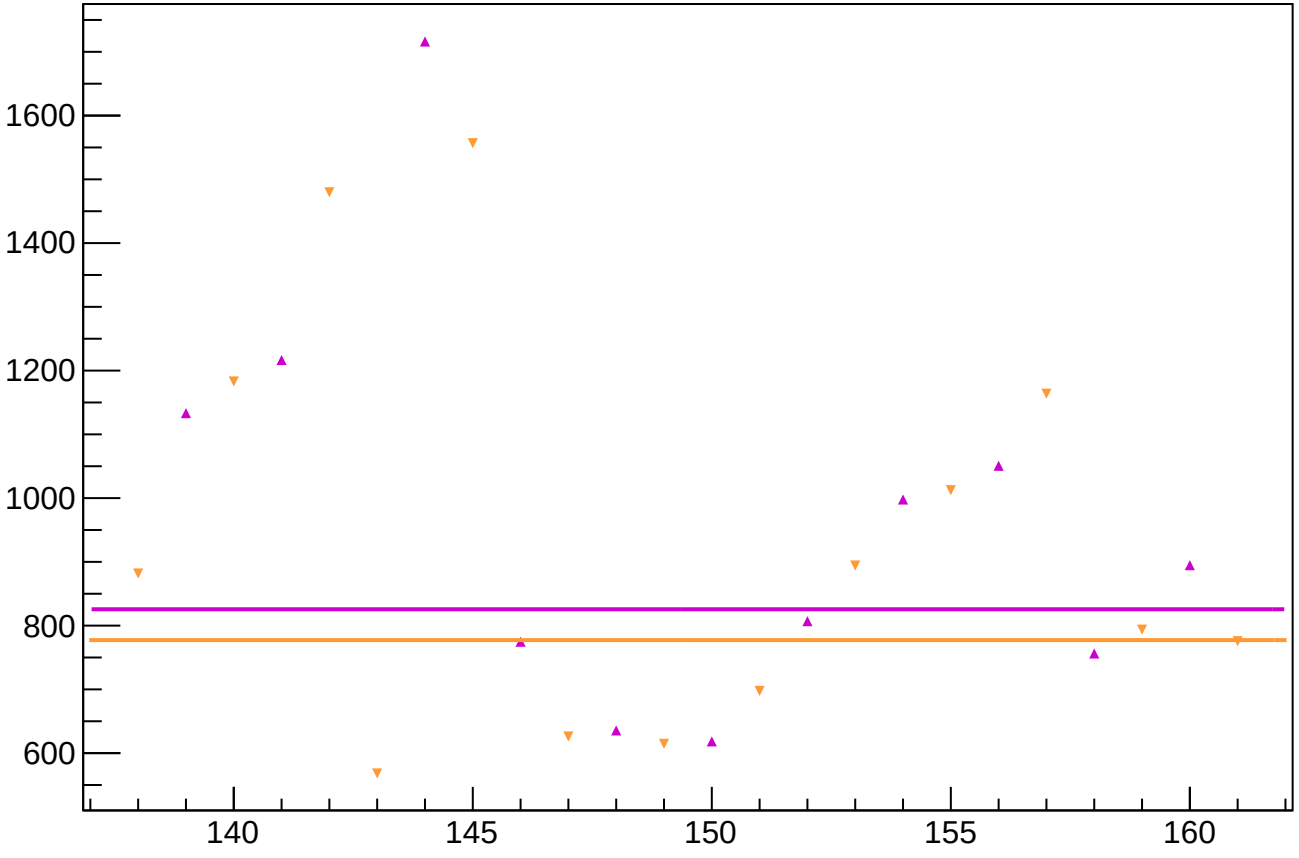
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 188.226+/-284.758 χ^2/NDF:11.3/10

Out: 197.436+/-261.030 χ^2/NDF:27.2/12

All: 193.231+/-192.419 χ^2/NDF: 38.5/23

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 777.286+/-0.185 χ^2/NDF:1416175.4/12

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

Left In: 825.665+/-0.201 χ^2/NDF:1239112.1/10

Left: 799.376+/-0.136 χ^2/NDF: 2686657.2/23

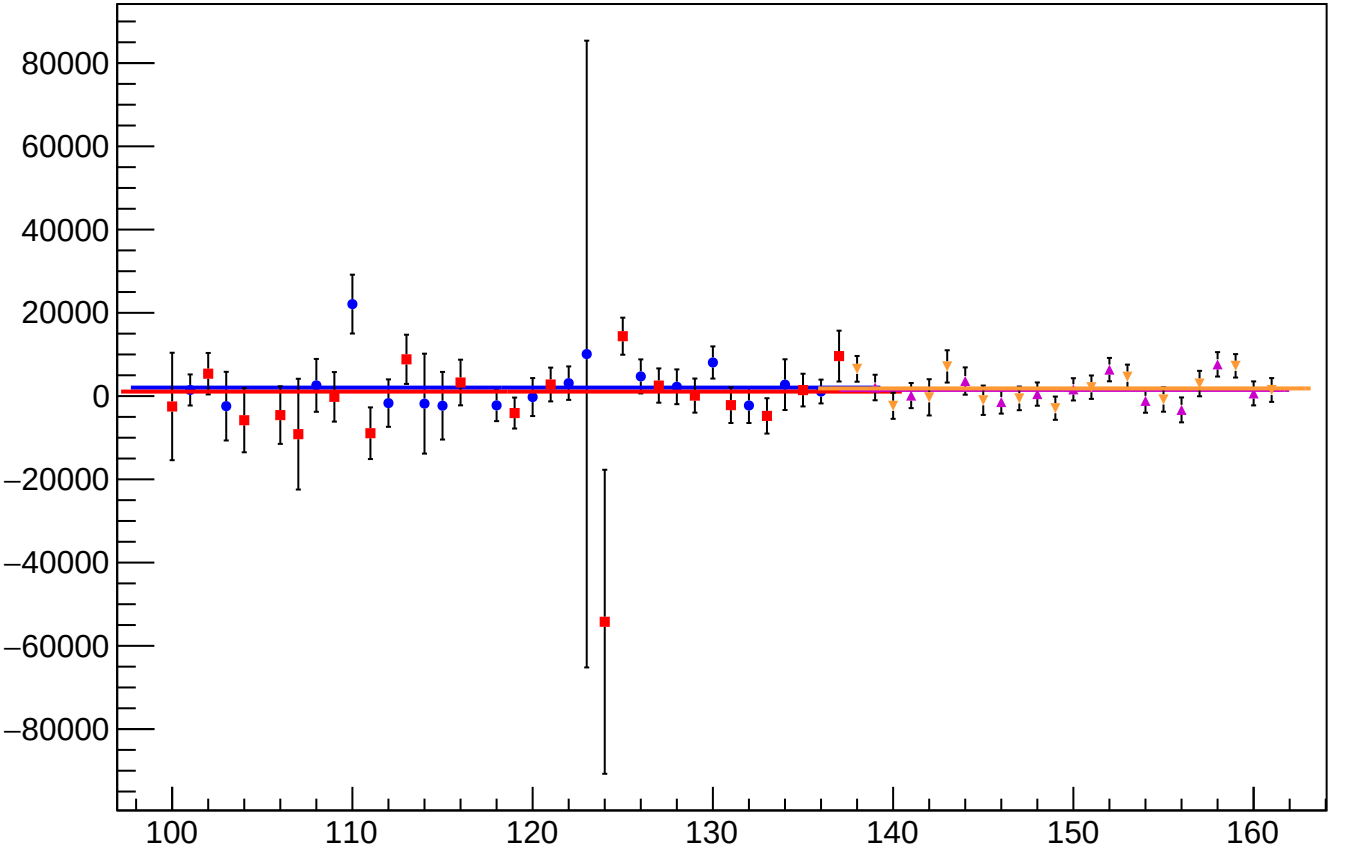
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 825.665+/-0.201 χ^2/NDF:1239112.1/10

Out: 777.286+/-0.185 χ^2/NDF:1416175.4/12

All: 799.376+/-0.136 χ^2/NDF: 2686657.2/23

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 1841.783+/-853.035 χ^2/NDF:16.1/12

Right Out: 1080.125+/-1186.666 χ^2/NDF: 25.3/18

Left In: 1481.629+/-875.626 χ^2/NDF:12.8/10

Left: 1666.412+/-611.017 χ^2/NDF: 29.0/23

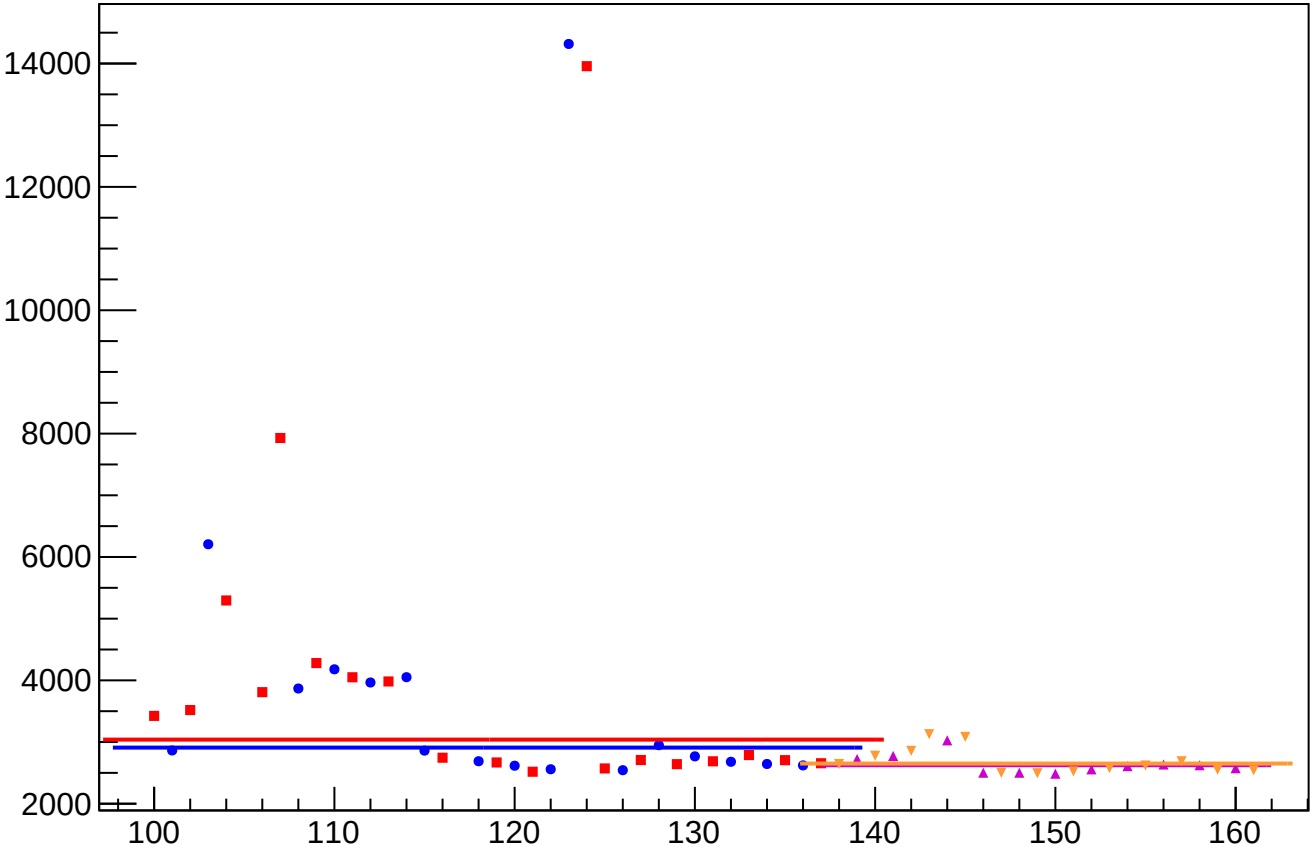
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1685.420+/-696.981 χ^2/NDF:27.8/27

Out: 1582.291+/-692.645 χ^2/NDF:41.7/31

All: 1633.534+/-491.300 χ^2/NDF: 69.5/59

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF: 641894.7/16

Left Out: 2651.104+/-0.603 χ^2/NDF:91434.8/12

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2623.786+/-0.619 χ^2/NDF:51996.1/10

Left: 2637.802+/-0.432 χ^2/NDF: 144429.6/23

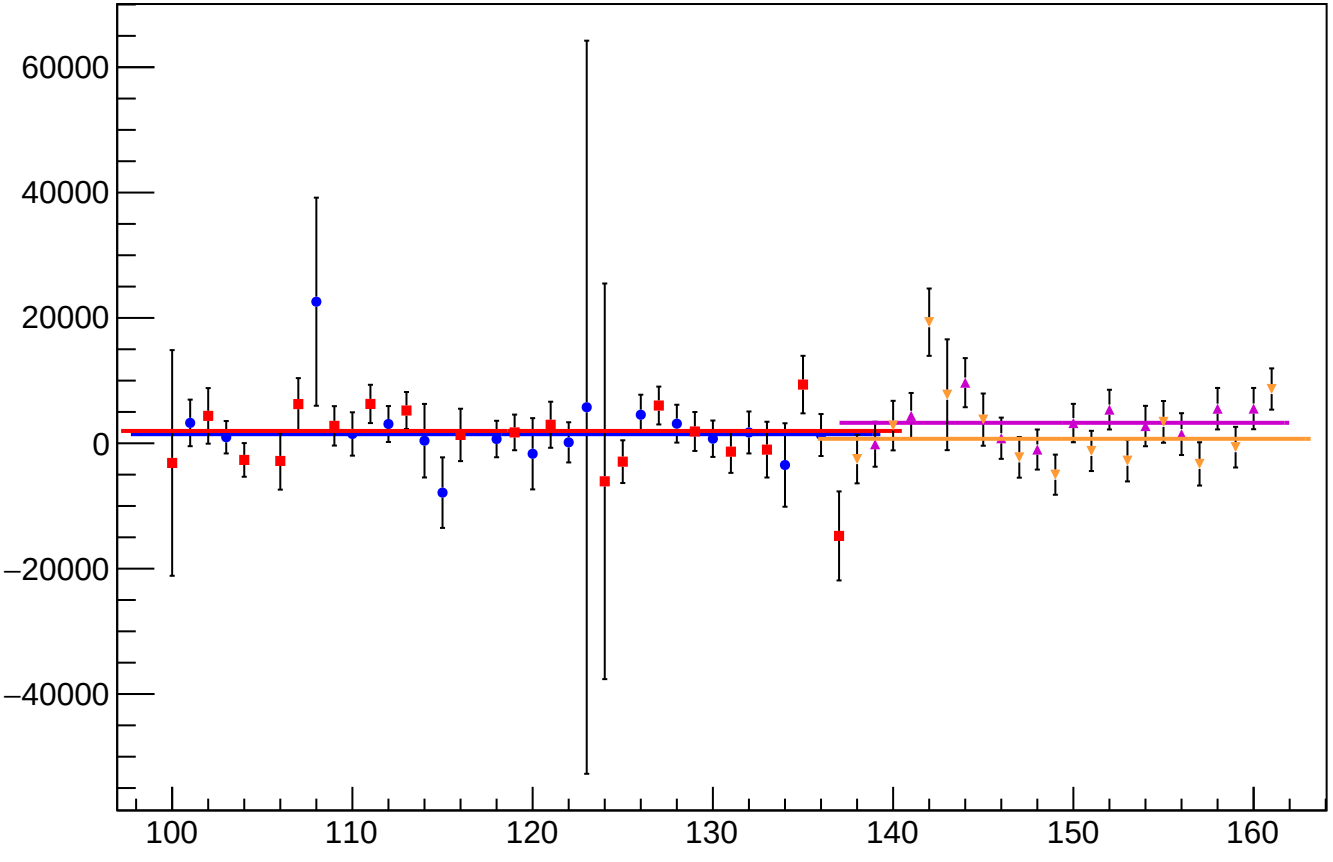
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2728.561+/-0.493 χ^2/NDF:772042.1/27

Out: 2783.298+/-0.490 χ^2/NDF:1243720.4/31

All: 2756.100+/-0.347 χ^2/NDF: 2021968.5/59

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 713.277+/-1011.048 χ^2/NDF:27.7/12

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 3267.734+/-1008.137 χ^2/NDF:7.7/10

Left: 1994.189+/-713.887 χ^2/NDF: 38.6/23

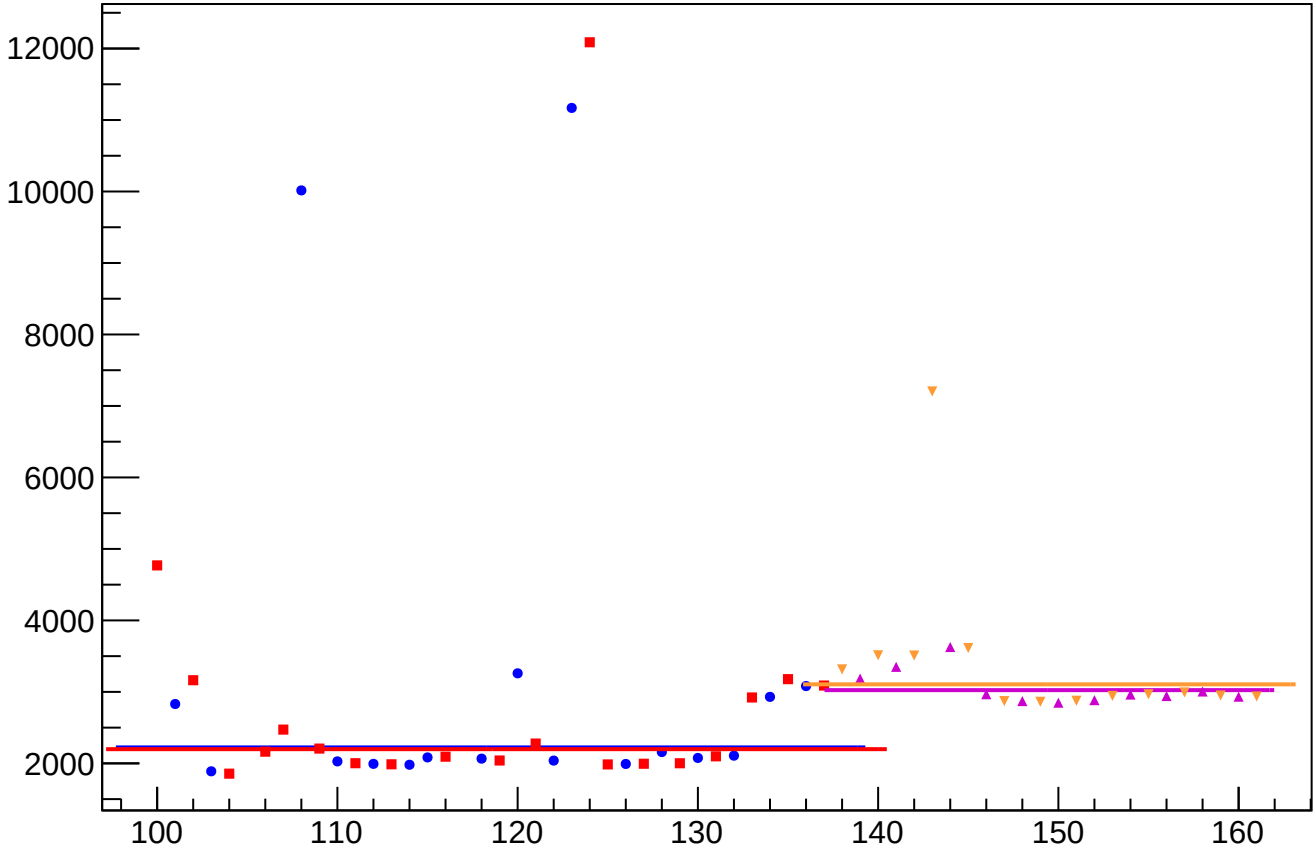
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 2246.287+/-666.784 χ^2/NDF:16.9/27

Out: 1448.752+/-650.841 χ^2/NDF:50.9/31

All: 1837.871+/-465.748 χ^2/NDF: 68.6/59

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3105.563+/-0.715 χ^2/NDF:550257.2/12

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3024.561+/-0.713 χ^2/NDF:86696.1/10

Left: 3064.945+/-0.505 χ^2/NDF: 643390.5/23

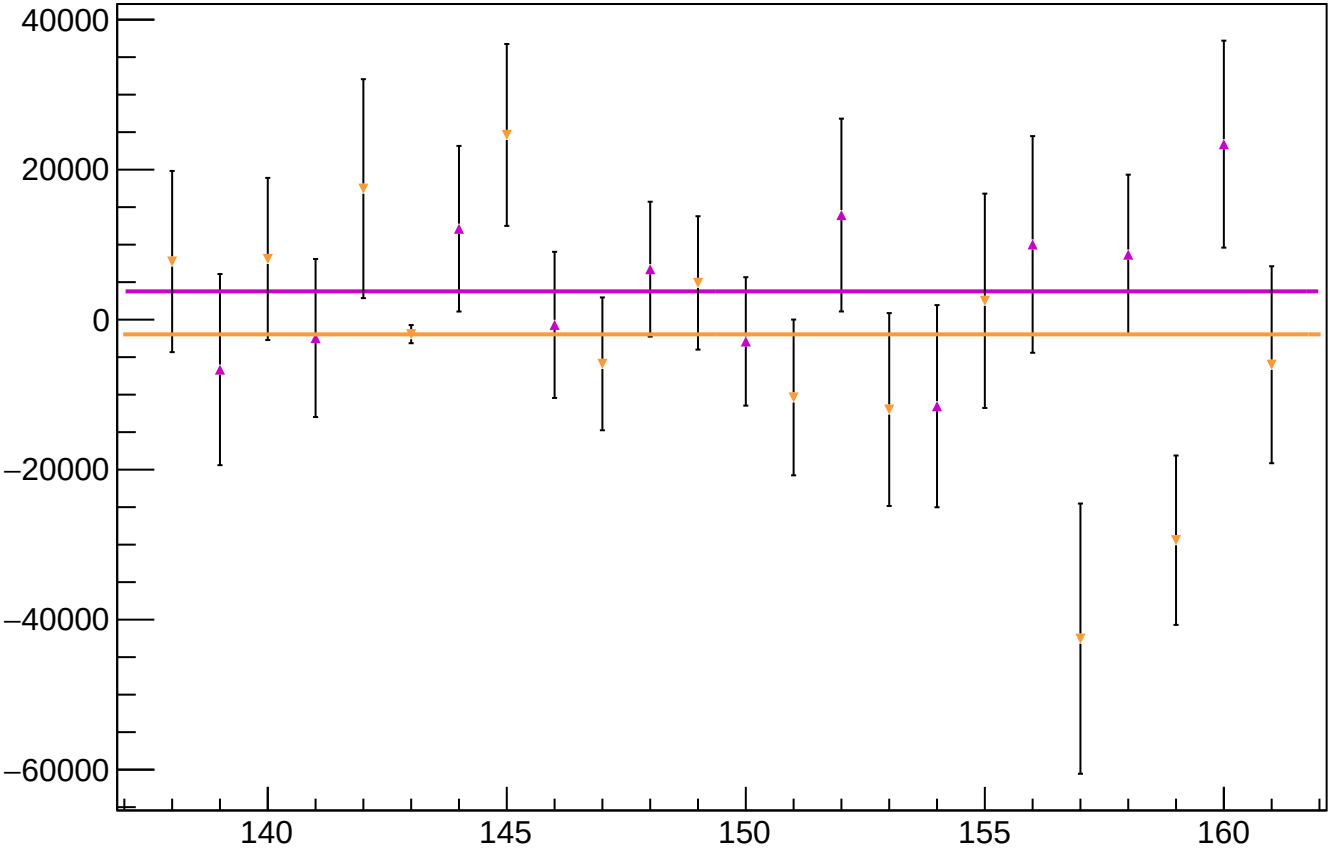
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2573.719+/-0.471 χ^2/NDF:1648002.6/27

Out: 2574.208+/-0.460 χ^2/NDF:2095397.5/31

All: 2573.970+/-0.329 χ^2/NDF: 3743400.6/59

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1960.560+/-1136.832 χ^2/NDF:21.3/12

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

Left In: 3773.932+/-3327.493 χ^2/NDF:6.9/10

Left: -1361.172+/-1075.780 χ^2/NDF: 30.8/23

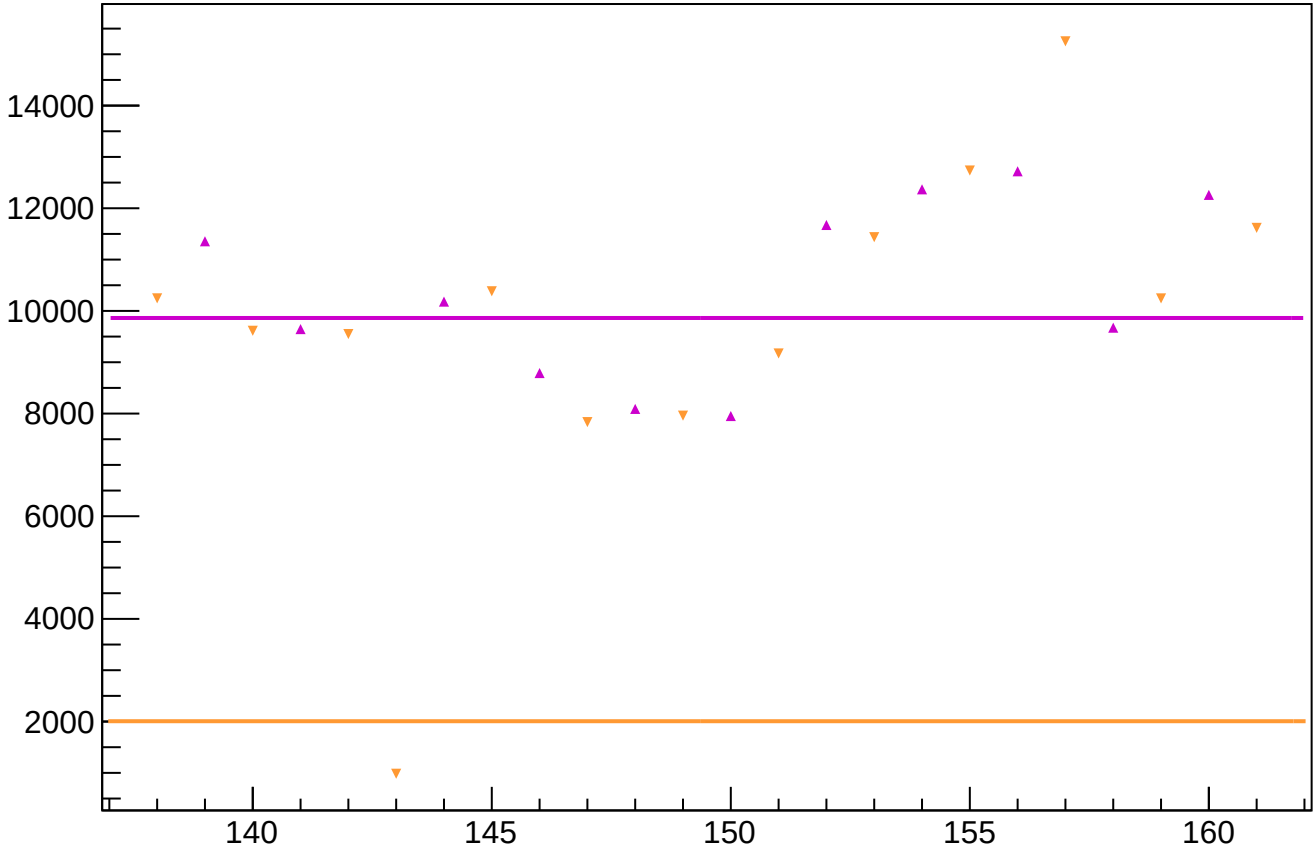
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3773.932+/-3327.493 χ^2/NDF:6.9/10

Out: -1960.560+/-1136.832 χ^2/NDF:21.3/12

All: -1361.172+/-1075.780 χ^2/NDF: 30.8/23

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2006.398+/-0.804 χ^2/NDF:12976981.3/12

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

Left In: 9862.340+/-2.353 χ^2/NDF:479714.4/10

Left: 2827.526+/-0.761 χ^2/NDF: 23439364.8/23

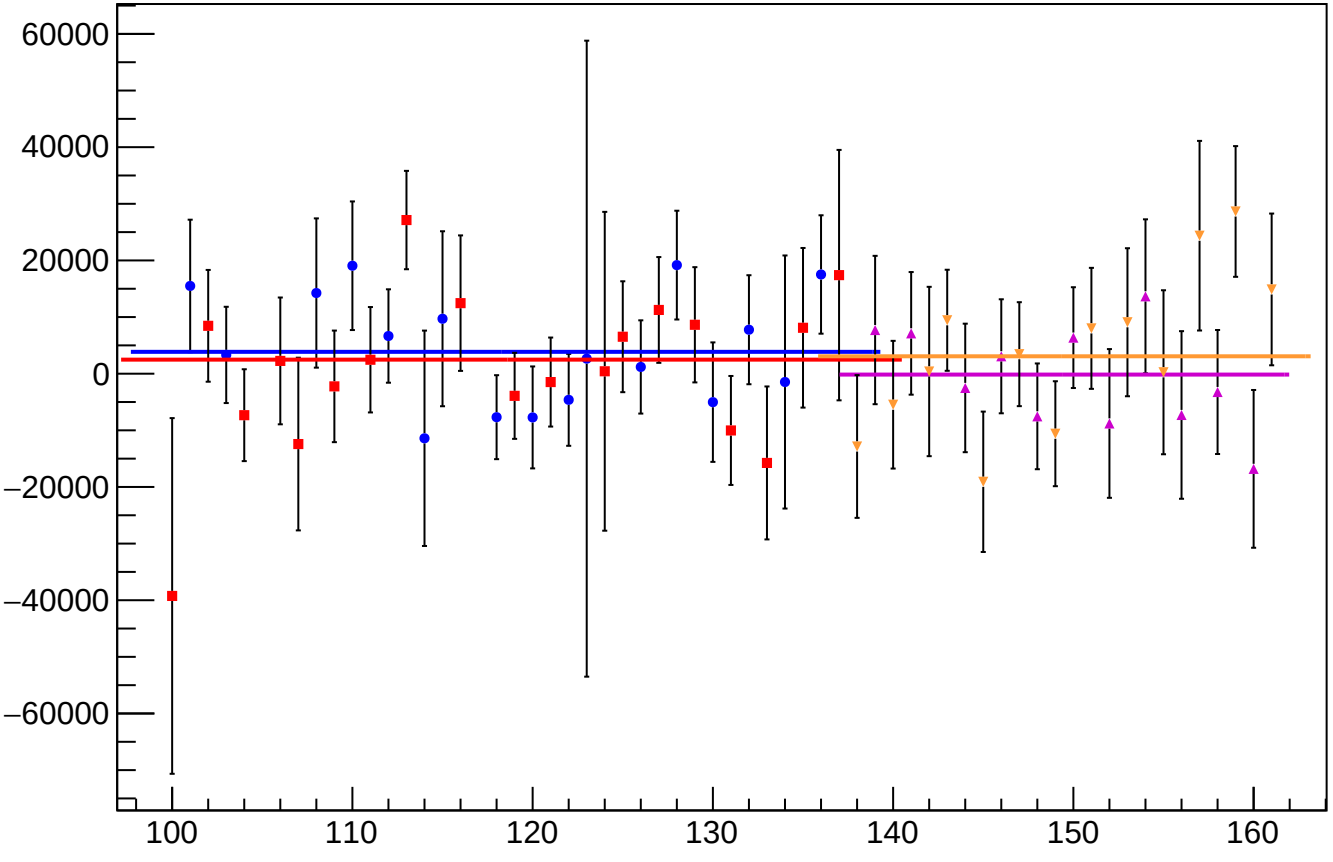
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9862.340+/-2.353 χ^2/NDF:479714.4/10

Out: 2006.398+/-0.804 χ^2/NDF:12976981.3/12

All: 2827.526+/-0.761 χ^2/NDF: 23439364.8/2

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 3073.643+/-3206.549 χ^2/NDF:15.9/12

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: -155.830+/-3422.850 χ^2/NDF:5.3/10

Left: 1564.164+/-2340.106 χ^2/NDF: 21.7/23

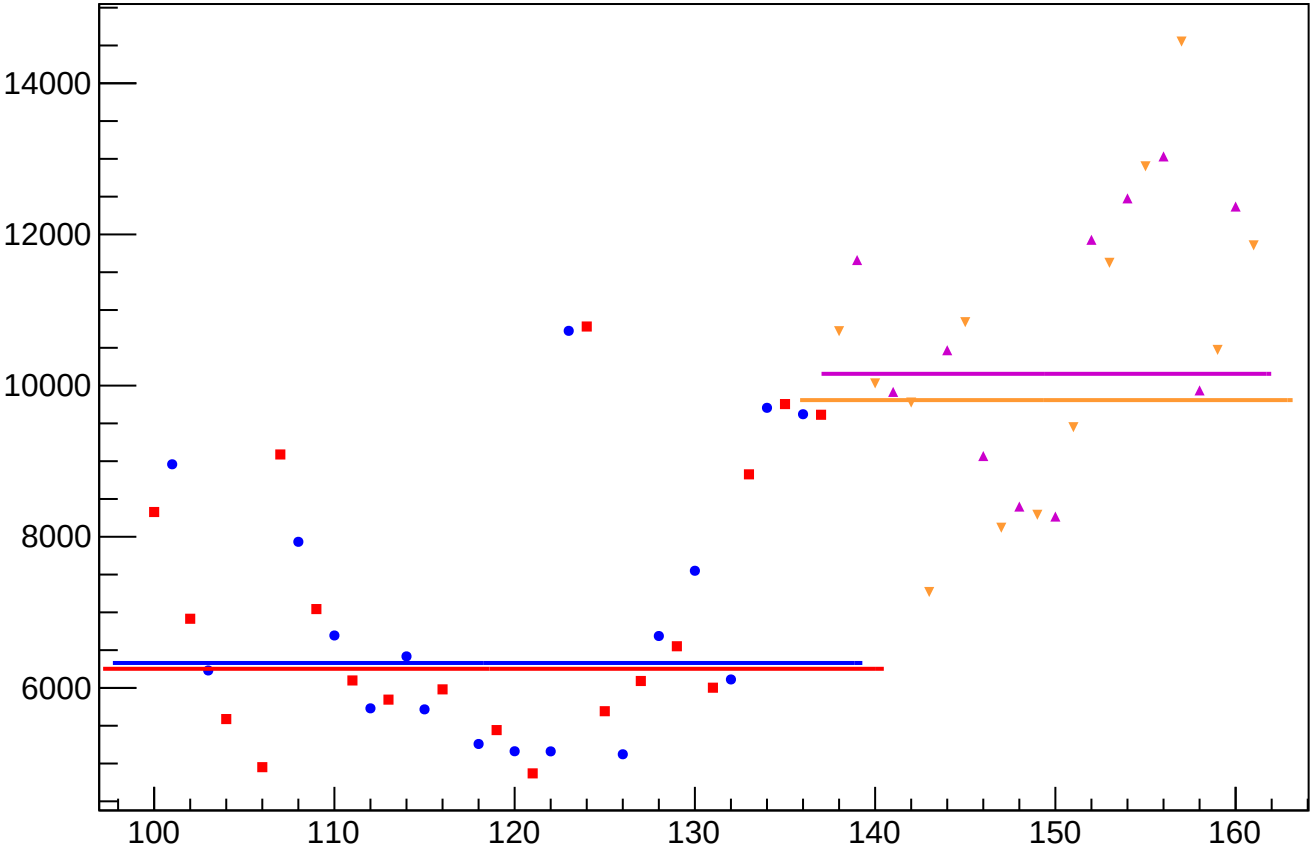
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 2456.485+/-2023.463 χ^2/NDF:21.0/27

Out: 2697.437+/-1932.294 χ^2/NDF:35.9/31

All: 2582.511+/-1397.458 χ^2/NDF: 56.9/59

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 9808.107+/-2.267 χ^2/NDF:654396.5/12

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10155.900+/-2.420 χ^2/NDF:434642.3/10

Left: 9970.668+/-1.655 χ^2/NDF: 1100036.2/23

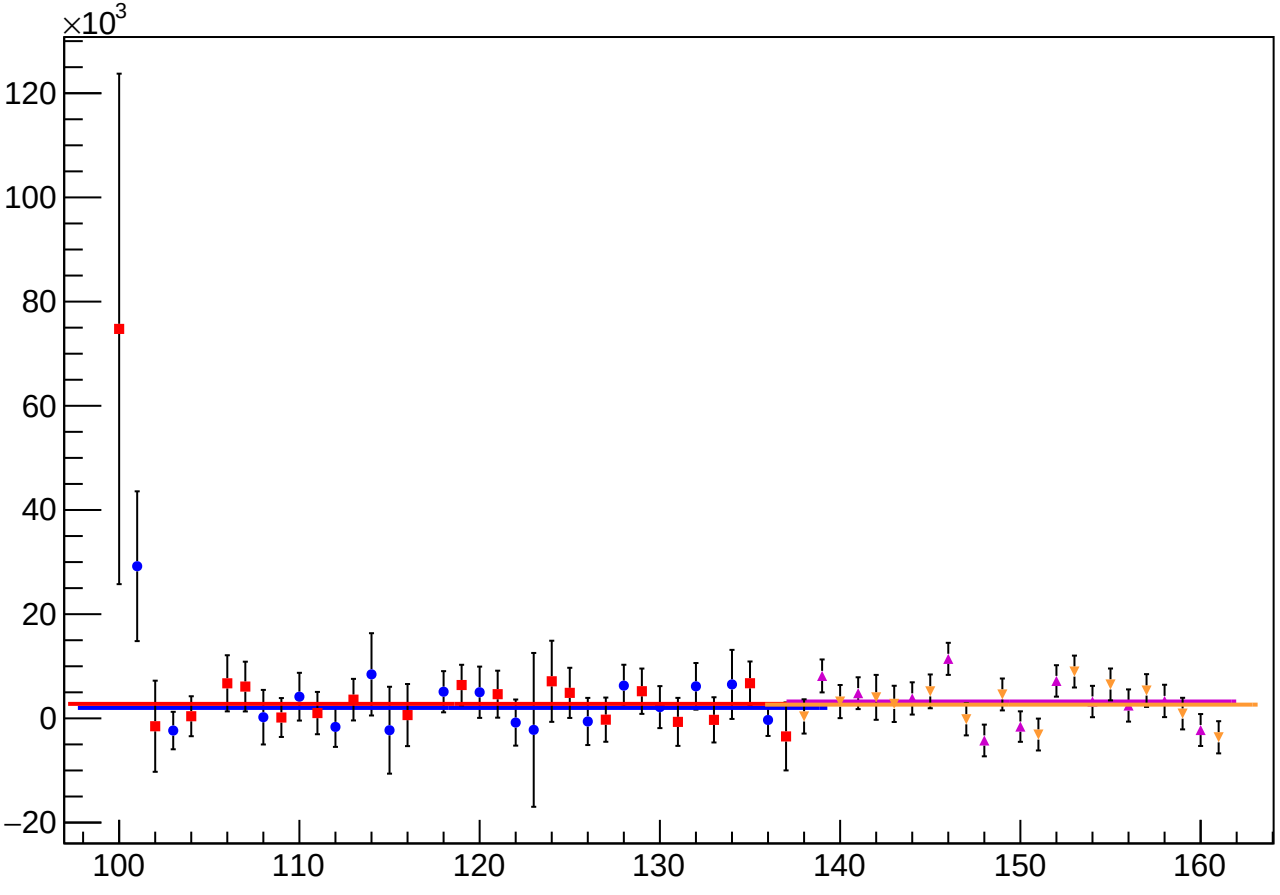
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 7667.234+/-1.431 χ^2/NDF:2653292.9/27

Out: 7544.126+/-1.366 χ^2/NDF:2755202.2/31

All: 7602.843+/-0.988 χ^2/NDF: 5412367.3/59

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2637.552+/-887.742 χ^2/NDF:17.1/12

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 3237.719+/-922.013 χ^2/NDF:23.5/10

Left: 2926.274+/-639.501 χ^2/NDF: 40.8/23

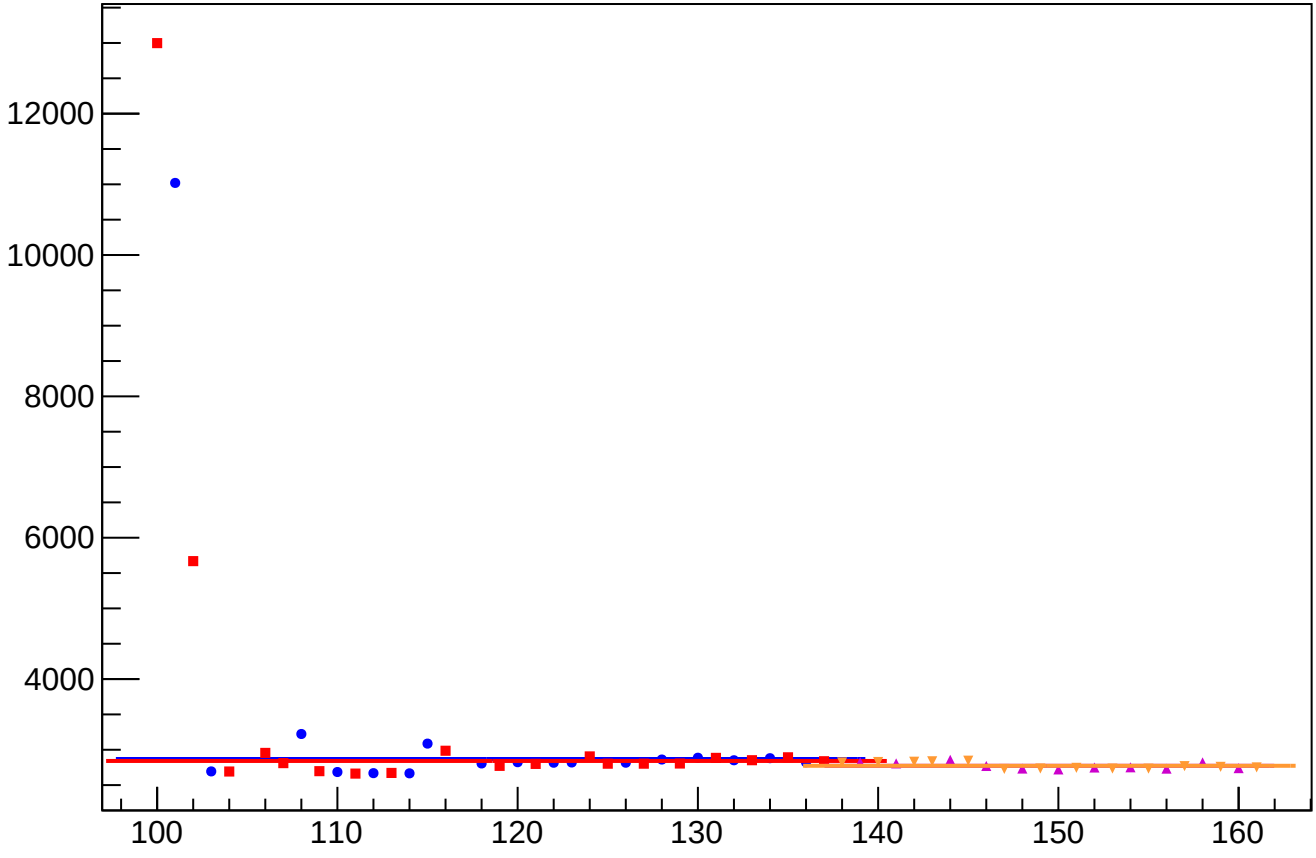
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 2747.400+/-715.450 χ^2/NDF:36.3/27

Out: 2695.003+/-687.365 χ^2/NDF:27.0/31

All: 2720.153+/-495.672 χ^2/NDF: 63.2/59

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2773.228+/-0.628 χ^2/NDF:4744.1/12

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2772.637+/-0.652 χ^2/NDF:4462.6/10

Left: 2772.943+/-0.452 χ^2/NDF: 9207.1/23

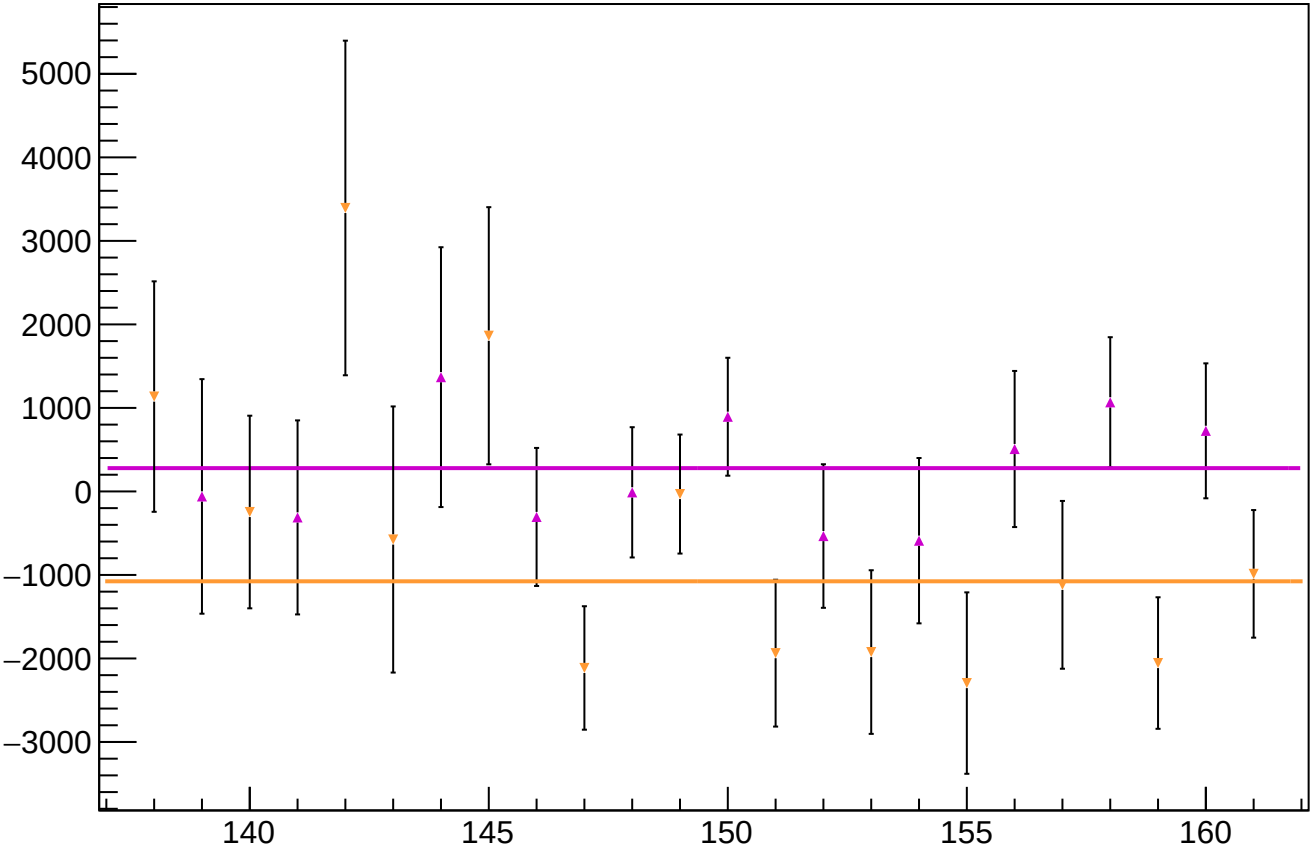
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2811.056+/-0.506 χ^2/NDF:683090.8/27

Out: 2800.594+/-0.486 χ^2/NDF:322012.8/31

All: 2805.615+/-0.350 χ^2/NDF: 1005326.0/59

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -1076.141+/-270.745 χ^2/NDF:20.5/12

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

Left In: 278.970+/-272.456 χ^2/NDF:5.3/10

Left: -402.852+/-192.048 χ^2/NDF: 38.2/23

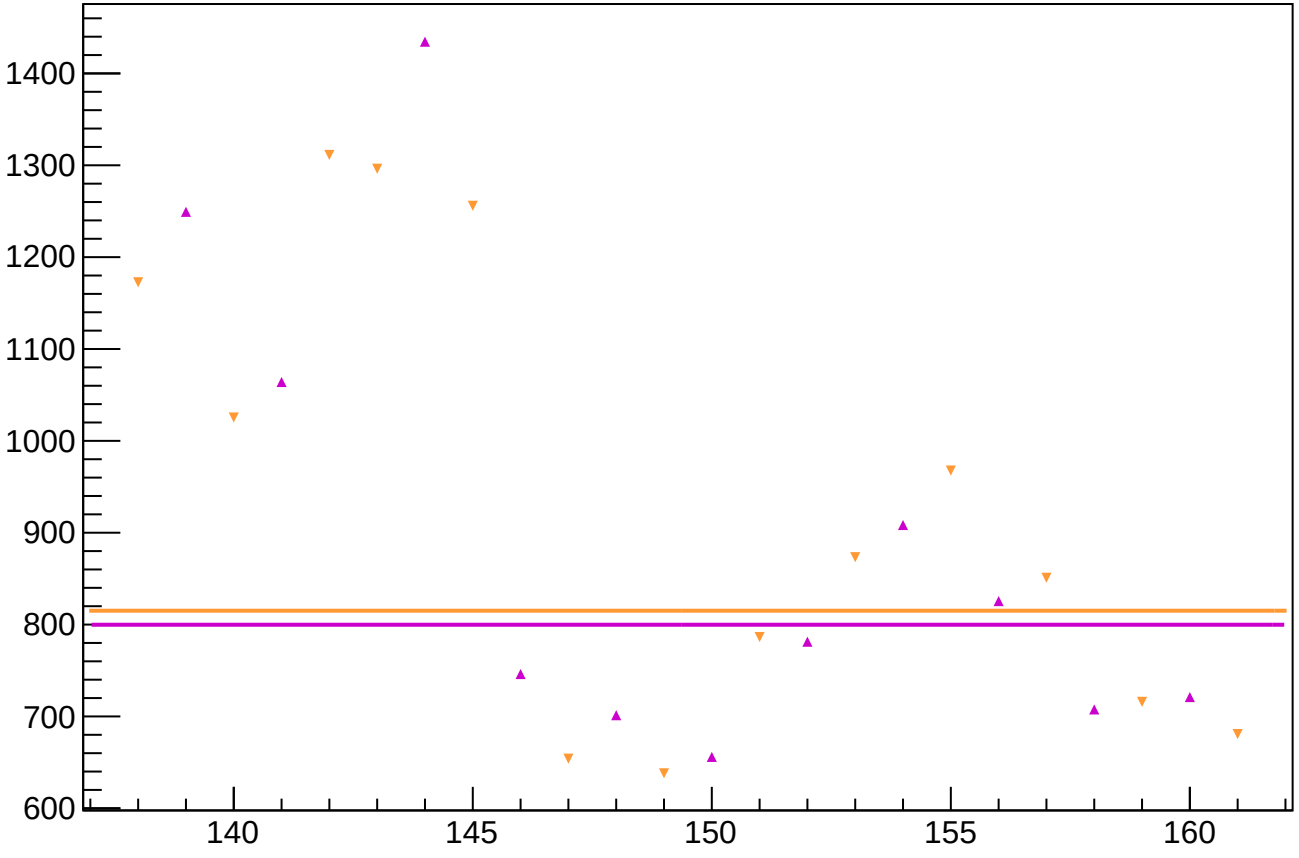
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 278.970+/-272.456 χ^2/NDF:5.3/10

Out: -1076.141+/-270.745 χ^2/NDF:20.5/12

All: -402.852+/-192.048 χ^2/NDF: 38.2/23

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 815.090+/-0.191 χ^2/NDF:1033047.7/12

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

Left In: 799.818+/-0.193 χ^2/NDF:838231.0/10

Left: 807.502+/-0.136 χ^2/NDF: 1874440.3/23

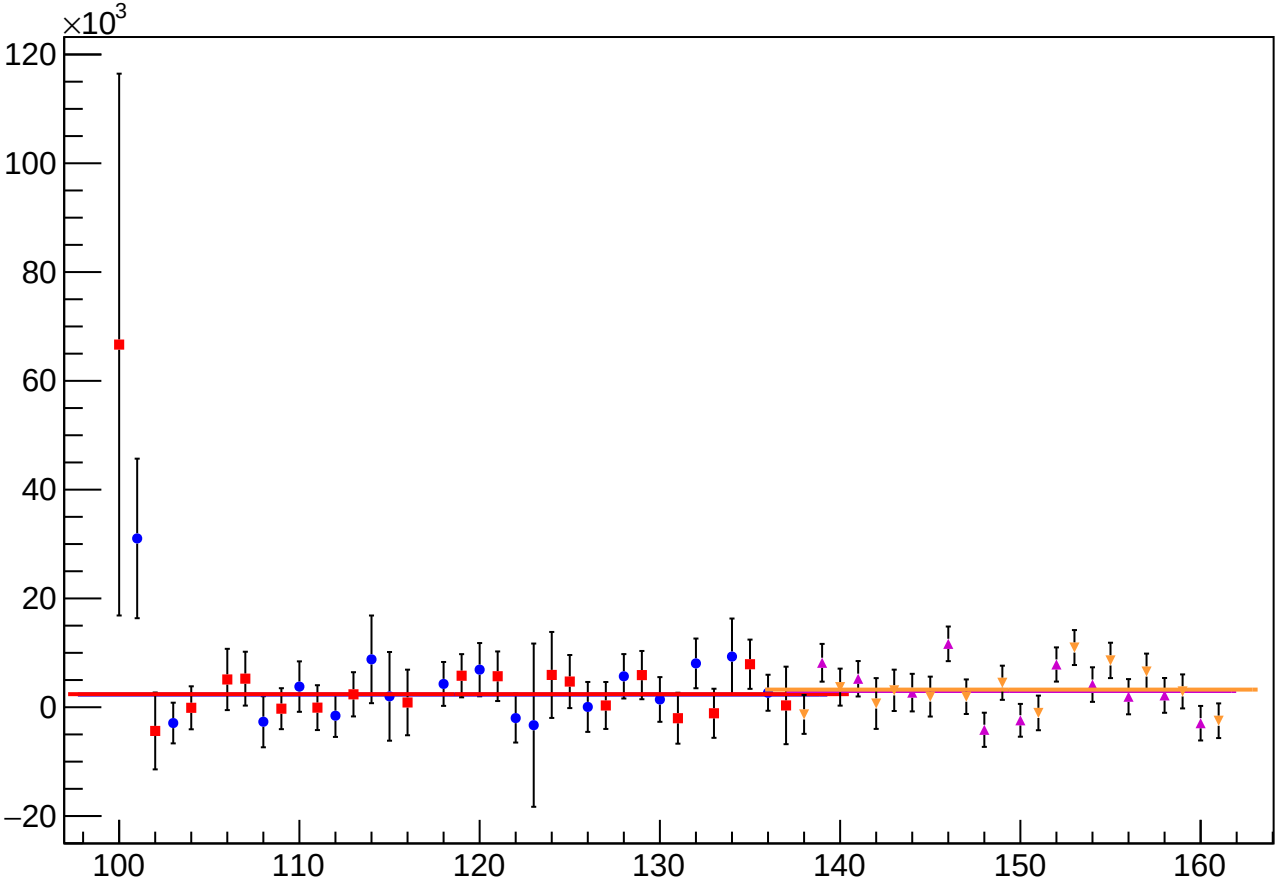
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 799.818+/-0.193 χ^2/NDF:838231.0/10

Out: 815.090+/-0.191 χ^2/NDF:1033047.7/12

All: 807.502+/-0.136 χ^2/NDF: 1874440.3/23

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3241.365+/-937.720 χ^2/NDF:17.0/12

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 2985.990+/-969.553 χ^2/NDF:24.7/10

Left: 3117.939+/-674.041 χ^2/NDF: 41.7/23

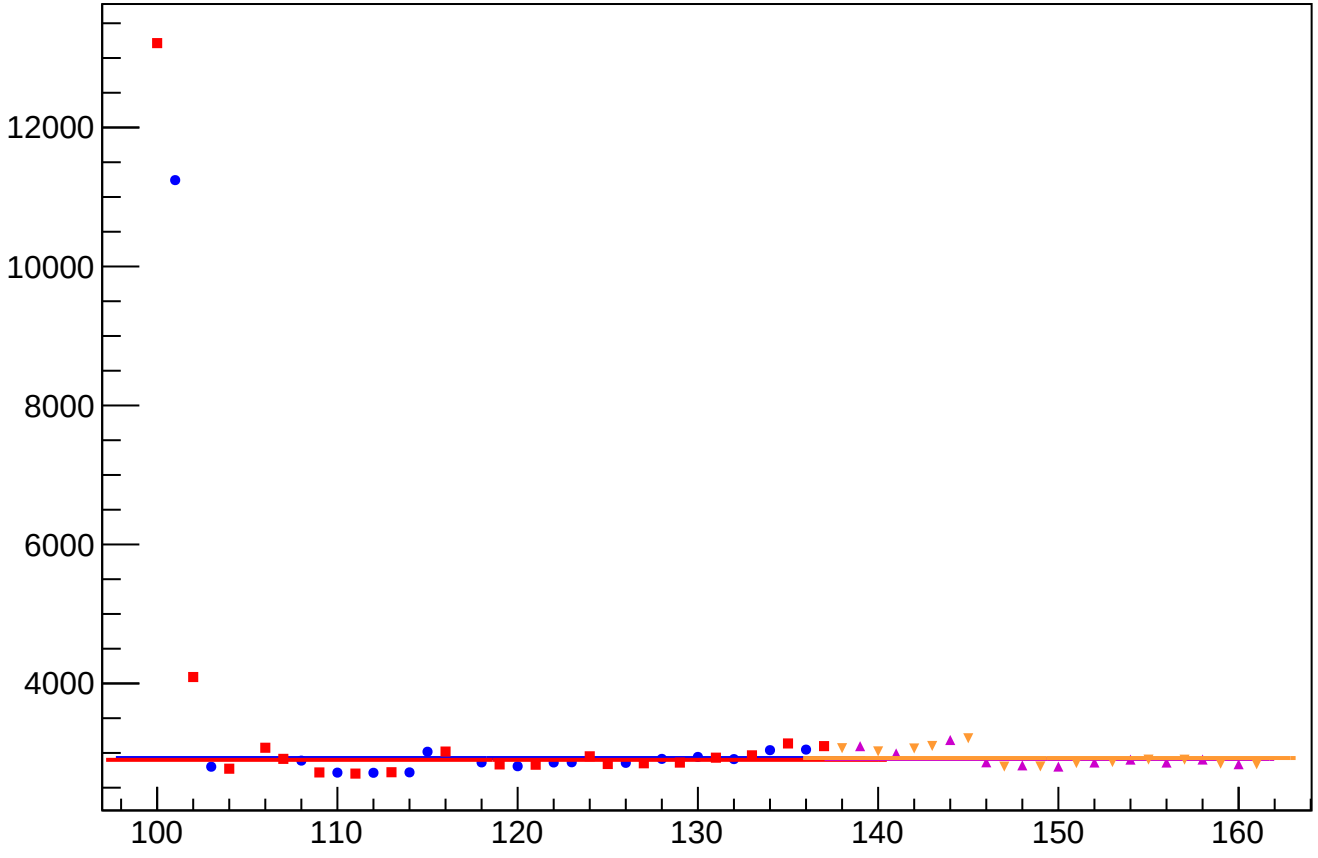
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 2715.305+/-743.009 χ^2/NDF:39.3/27

Out: 2892.567+/-716.348 χ^2/NDF:27.4/31

All: 2807.173+/-515.702 χ^2/NDF: 66.7/59

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2926.742+/-0.663 χ^2/NDF:33465.1/12

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2913.740+/-0.686 χ^2/NDF:26312.6/10

Left: 2920.458+/-0.477 χ^2/NDF: 59963.5/23

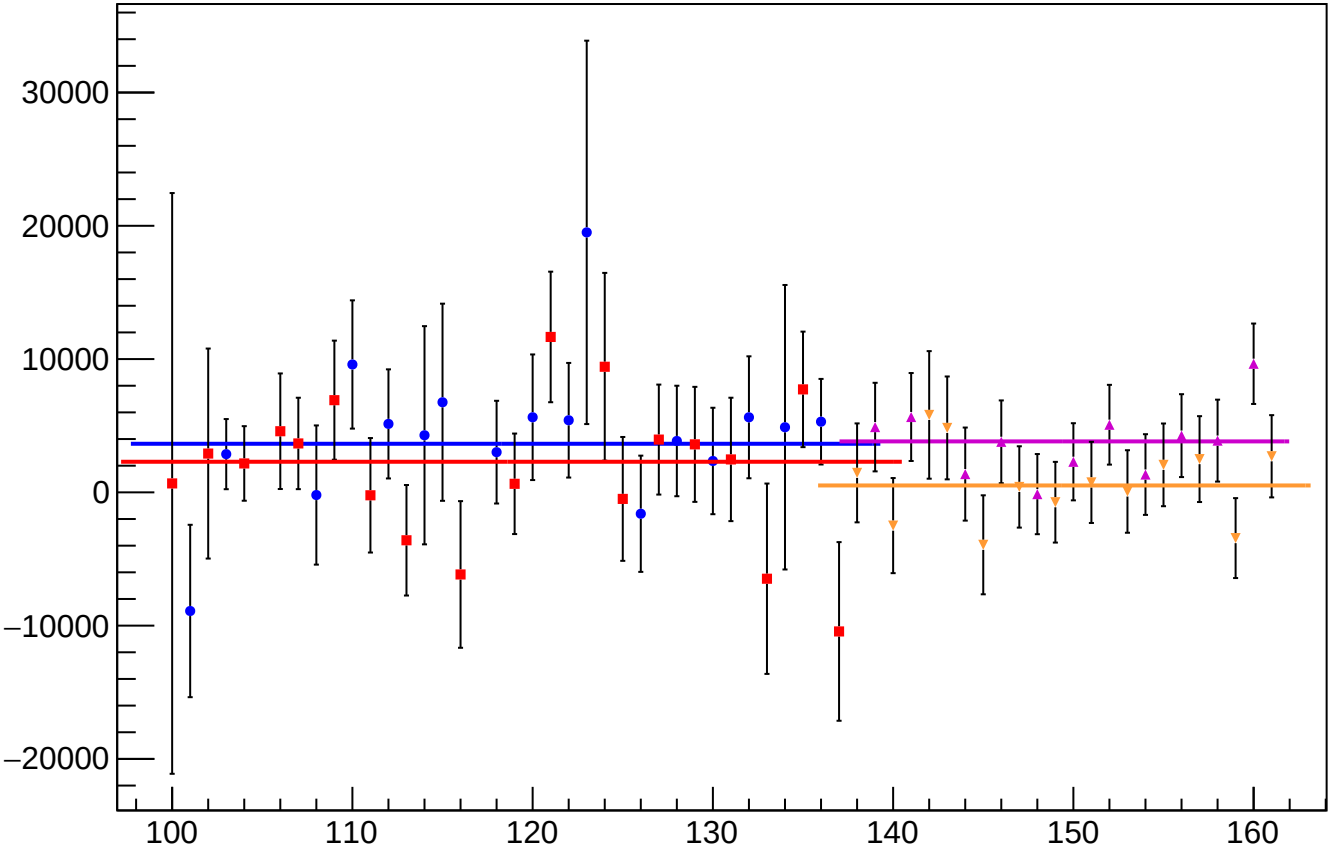
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2919.052+/-0.525 χ^2/NDF:689252.4/27

Out: 2915.950+/-0.507 χ^2/NDF:203967.8/31

All: 2917.445+/-0.365 χ^2/NDF: 893238.3/59

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 517.671+/-920.755 χ^2/NDF:7.8/12

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3823.033+/-937.391 χ^2/NDF:7.5/10

Left: 2140.760+/-656.875 χ^2/NDF: 21.6/23

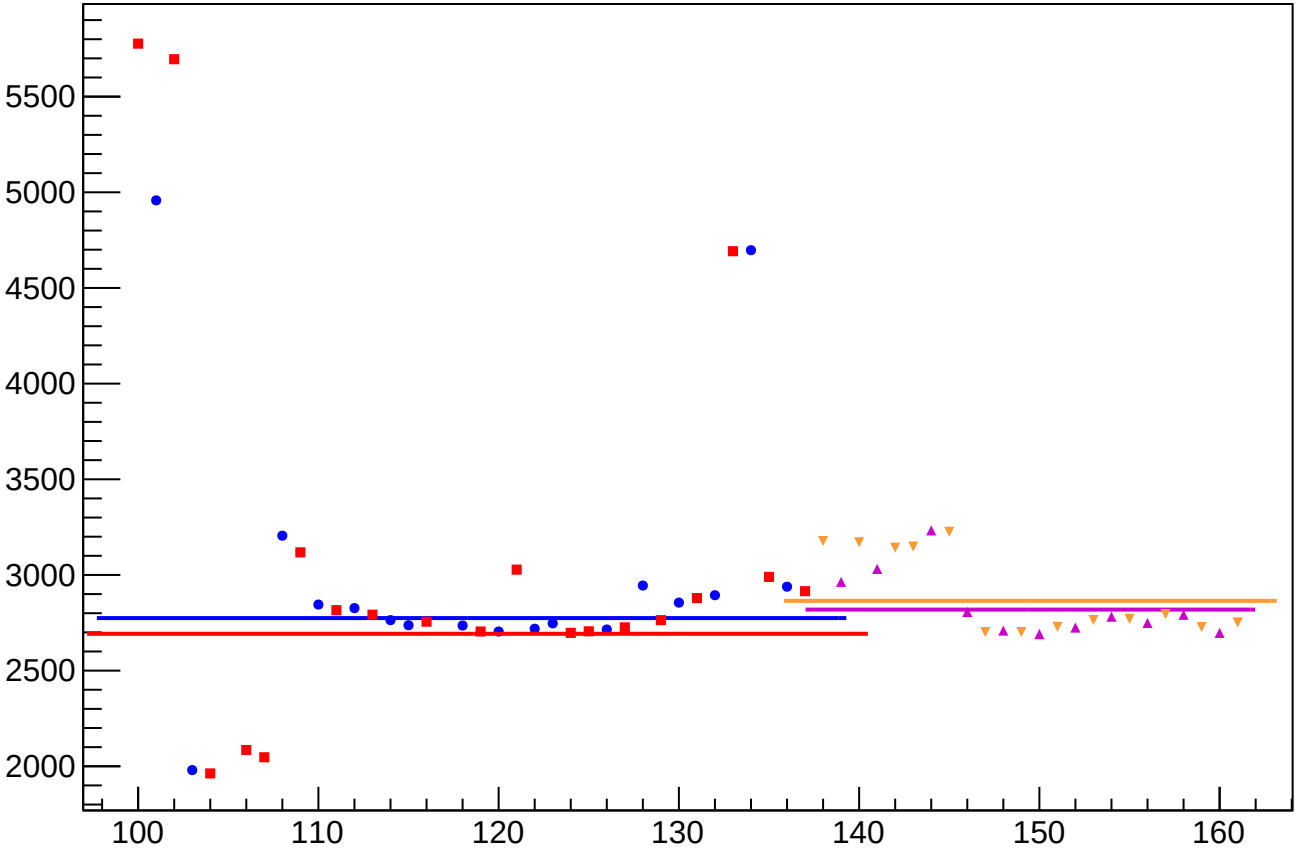
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3747.575+/-711.131 χ^2/NDF:17.4/27

Out: 1293.257+/-691.382 χ^2/NDF:27.8/31

All: 2485.864+/-495.716 χ^2/NDF: 51.3/59

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2864.667+/-0.651 χ^2/NDF:92527.2/12

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2818.855+/-0.663 χ^2/NDF:53512.9/10

Left: 2842.171+/-0.464 χ^2/NDF: 148471.3/23

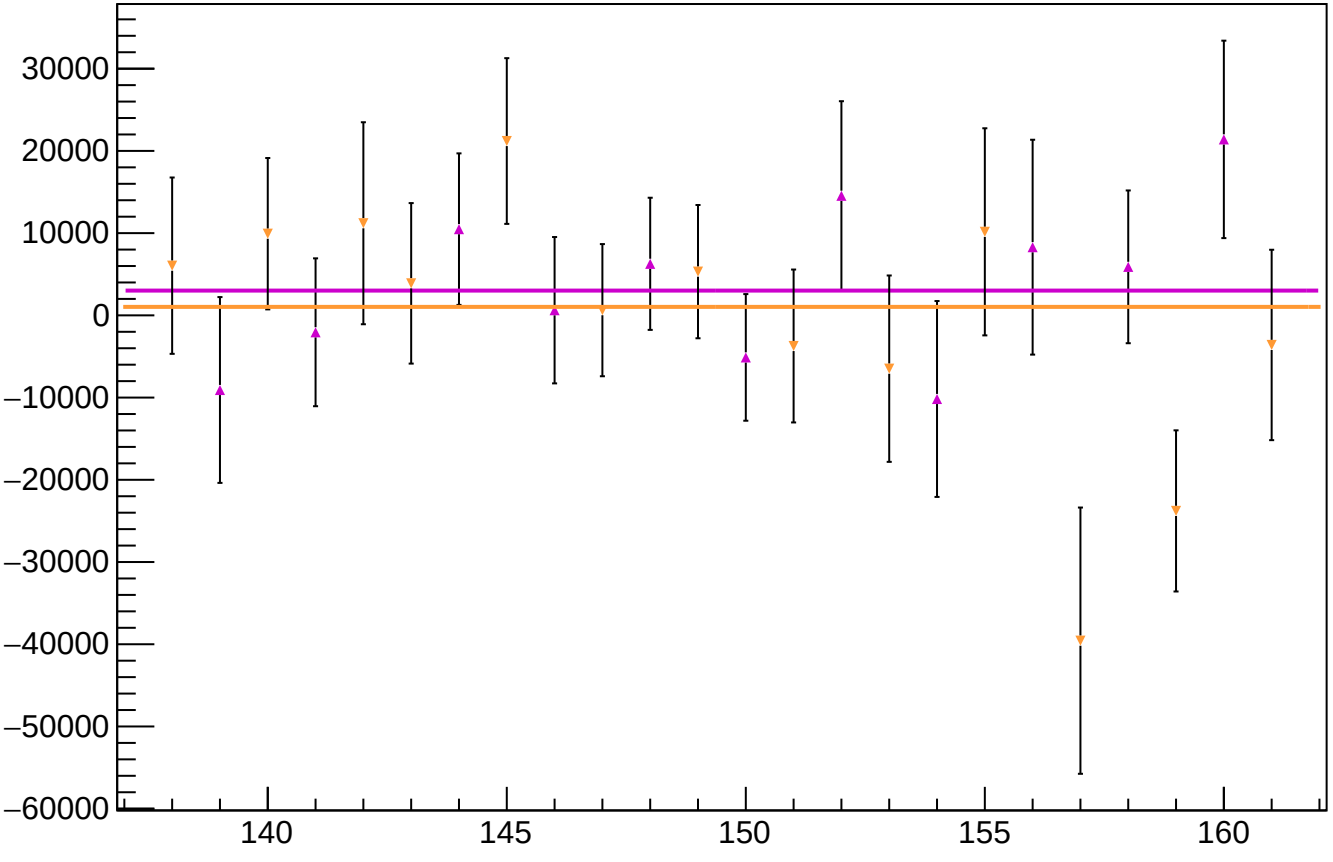
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2800.077+/-0.503 χ^2/NDF:557083.9/27

Out: 2789.550+/-0.489 χ^2/NDF:903302.2/31

All: 2794.664+/-0.350 χ^2/NDF: 1460611.5/59

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 1030.595+/-2822.594 χ^2/NDF:20.3/12

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

Left In: 3012.872+/-2936.847 χ^2/NDF:8.3/10

Left: 1982.426+/-2035.068 χ^2/NDF: 28.8/23

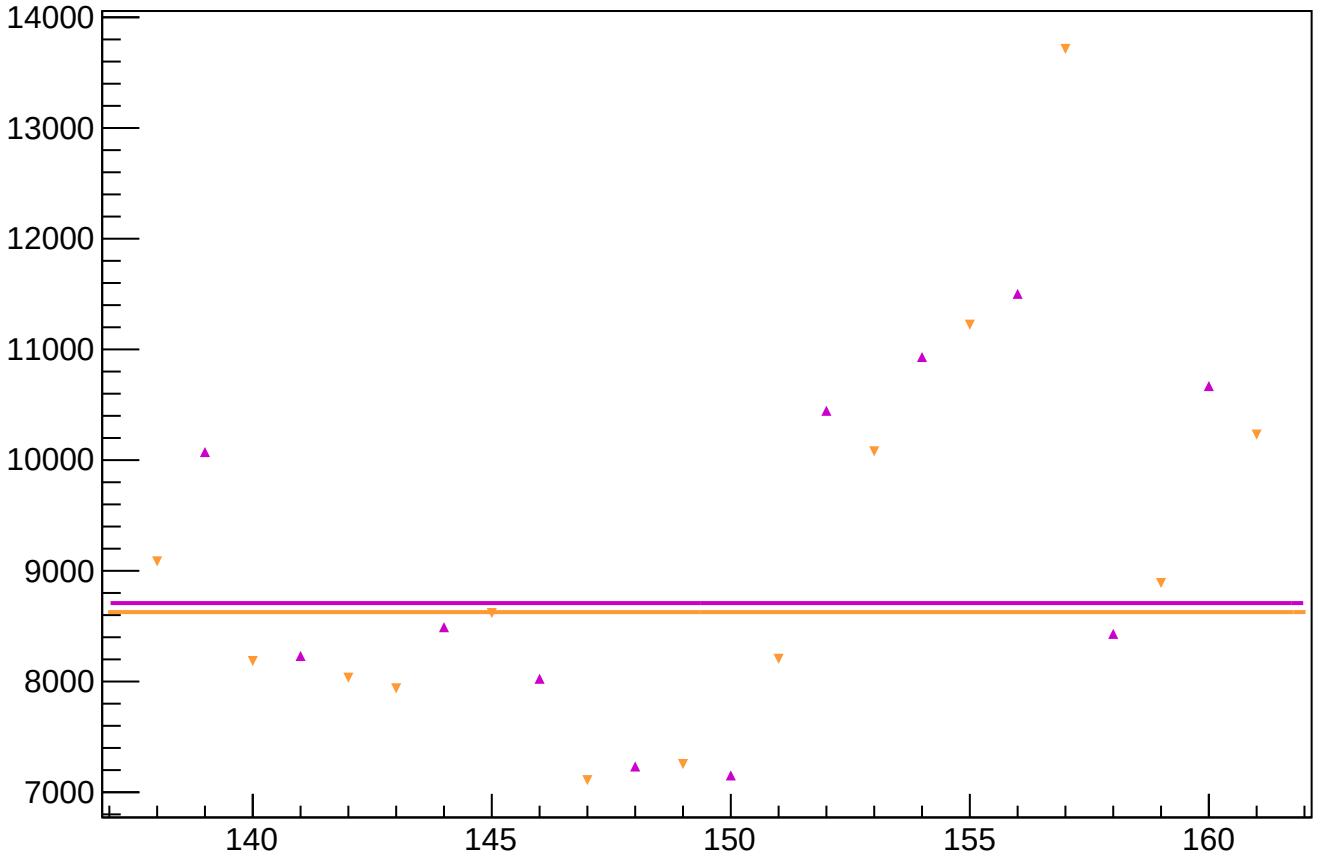
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3012.872+/-2936.847 χ^2/NDF:8.3/10

Out: 1030.595+/-2822.594 χ^2/NDF:20.3/12

All: 1982.426+/-2035.068 χ^2/NDF: 28.8/23

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8627.212+/-1.996 χ^2/NDF:510754.5/12

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

Left In: 8708.764+/-2.077 χ^2/NDF:458700.0/10

Left: 8666.371+/-1.439 χ^2/NDF: 970256.2/23

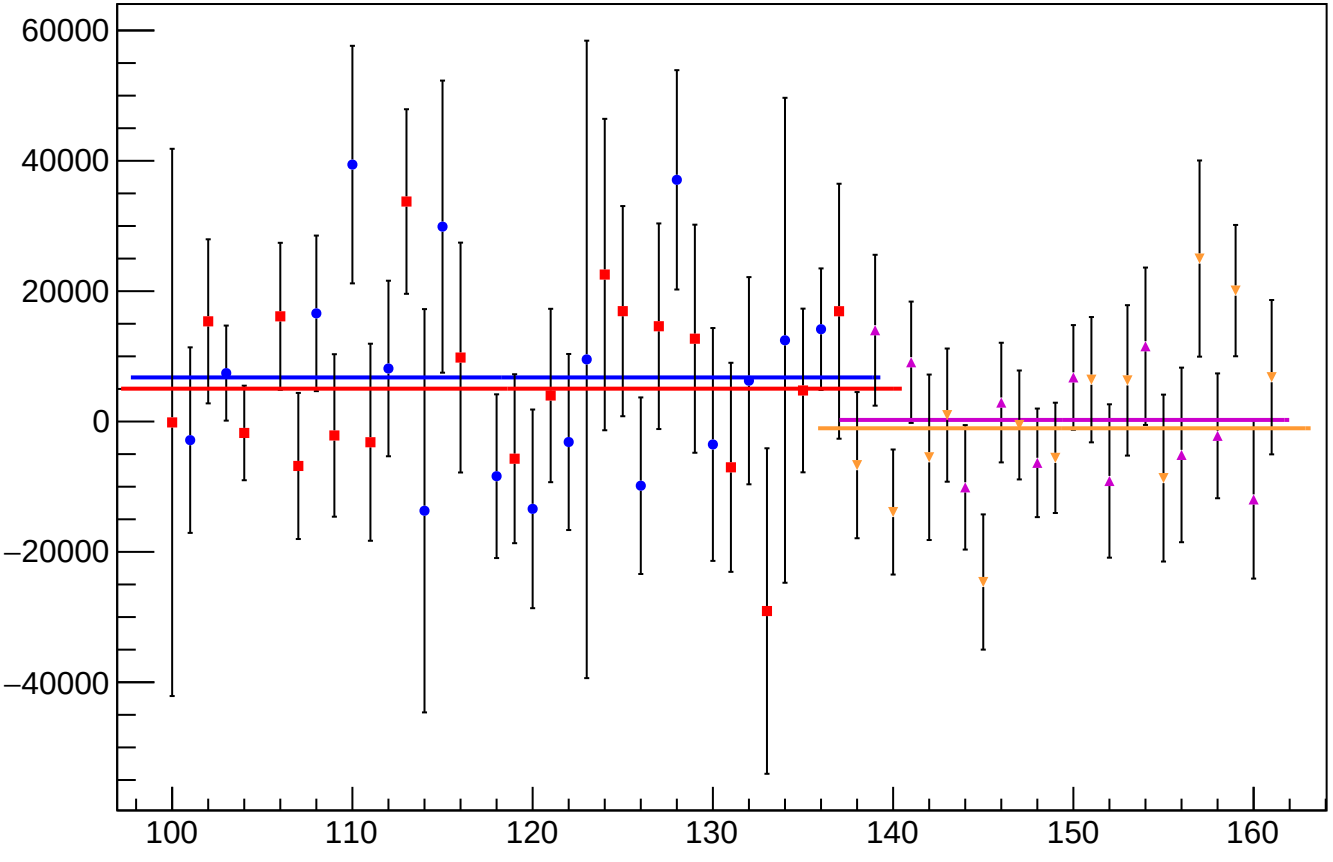
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8708.764+/-2.077 χ^2/NDF:458700.0/10

Out: 8627.212+/-1.996 χ^2/NDF:510754.5/12

All: 8666.371+/-1.439 χ^2/NDF: 970256.2/23

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -1034.932+/-2910.923 χ^2/NDF:16.9/12

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 245.391+/-3027.265 χ^2/NDF:7.6/10

Left: -419.845+/-2098.258 χ^2/NDF: 24.6/23

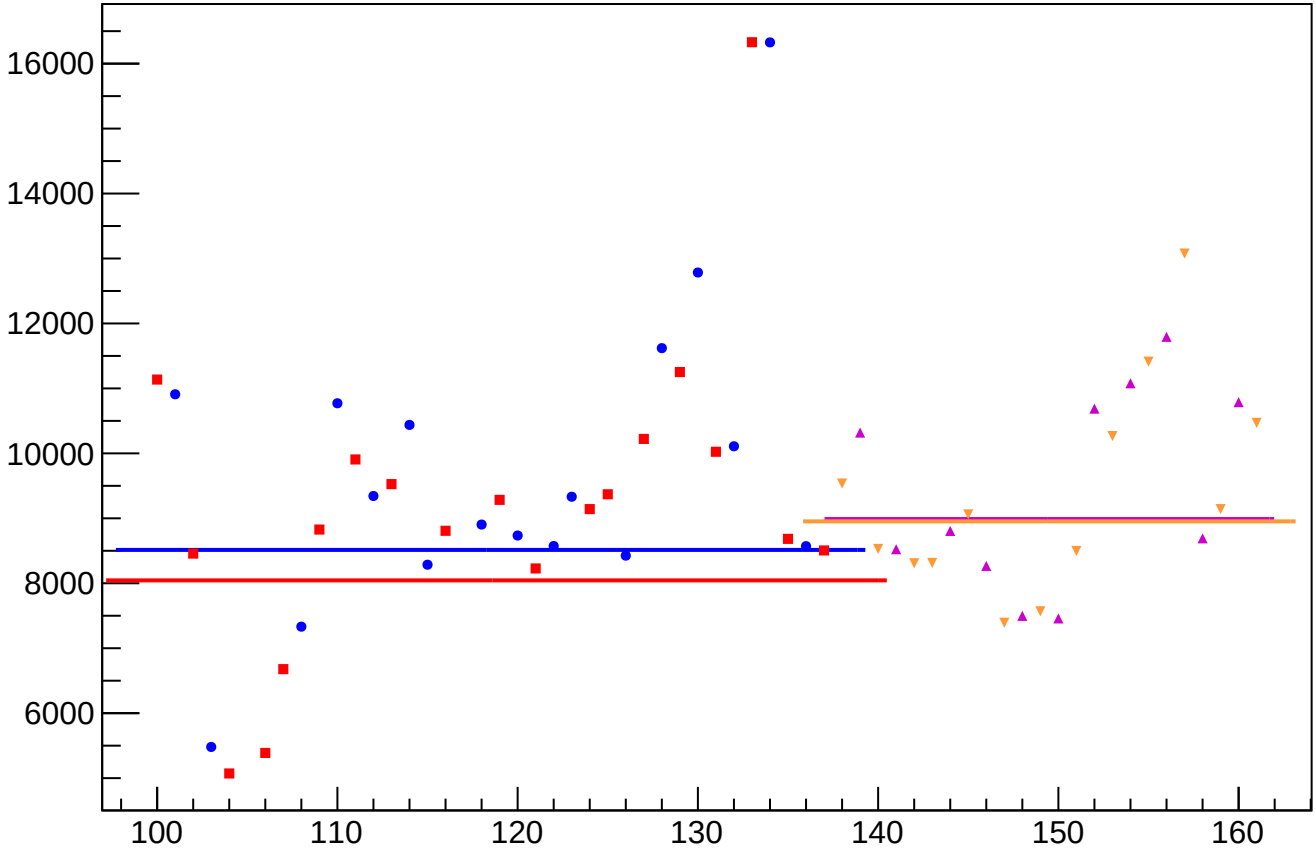
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 3141.633+/-2257.147 χ^2/NDF:25.0/27

Out: 1747.109+/-2143.345 χ^2/NDF:32.5/31

All: 2408.331+/-1554.249 χ^2/NDF: 57.7/59

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 8953.066+/-2.058 χ^2/NDF:433621.7/12

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 8988.948+/-2.141 χ^2/NDF:416453.8/10

Left: 8970.305+/-1.484 χ^2/NDF: 850221.5/23

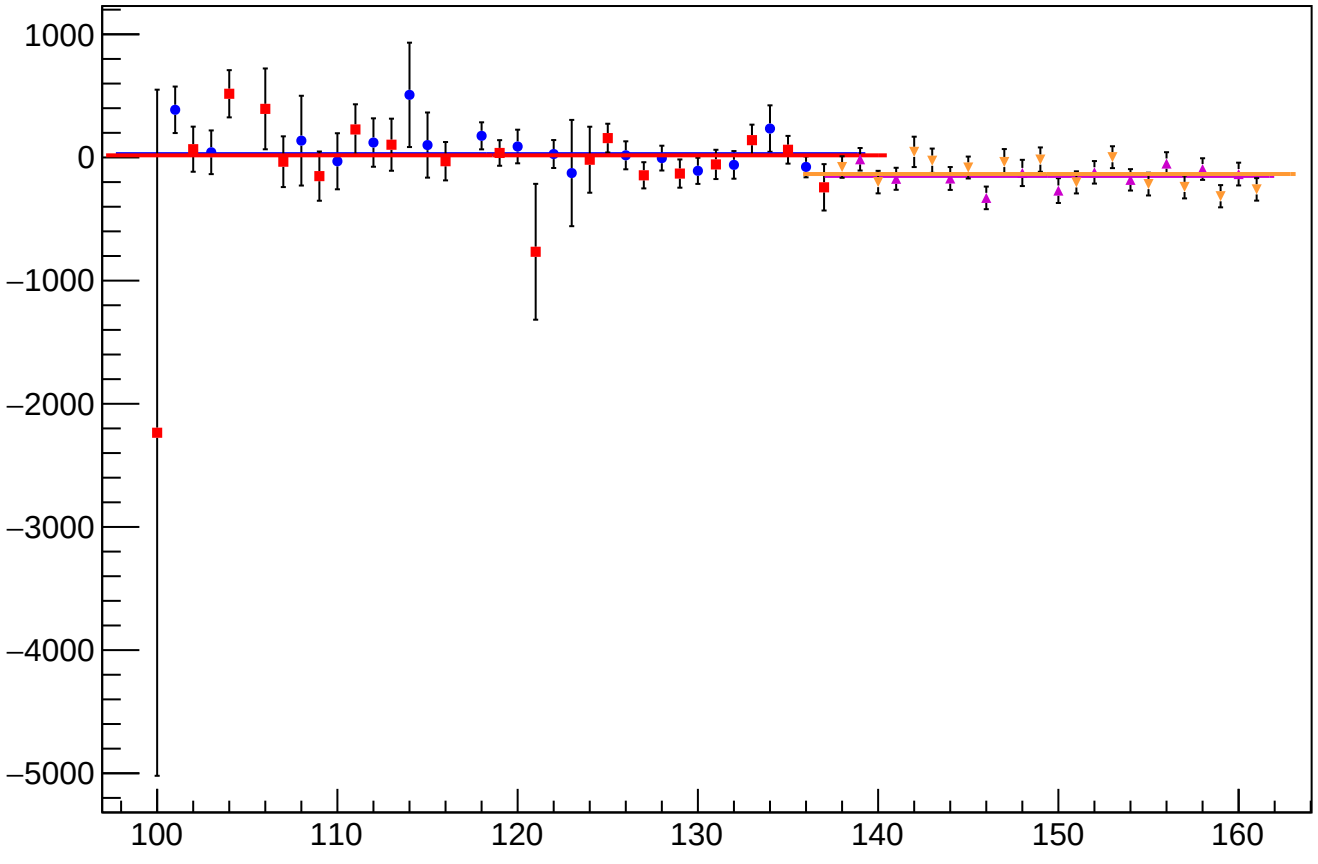
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 8777.888+/-1.596 χ^2/NDF:1200960.3/27

Out: 8537.176+/-1.516 χ^2/NDF:1475096.2/31

All: 8651.309+/-1.099 χ^2/NDF: 2688017.6/59

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -134.374+/-26.134 χ^2/NDF:17.7/12

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -149.709+/-27.914 χ^2/NDF:9.4/10

Left: -141.537+/-19.078 χ^2/NDF: 27.3/23

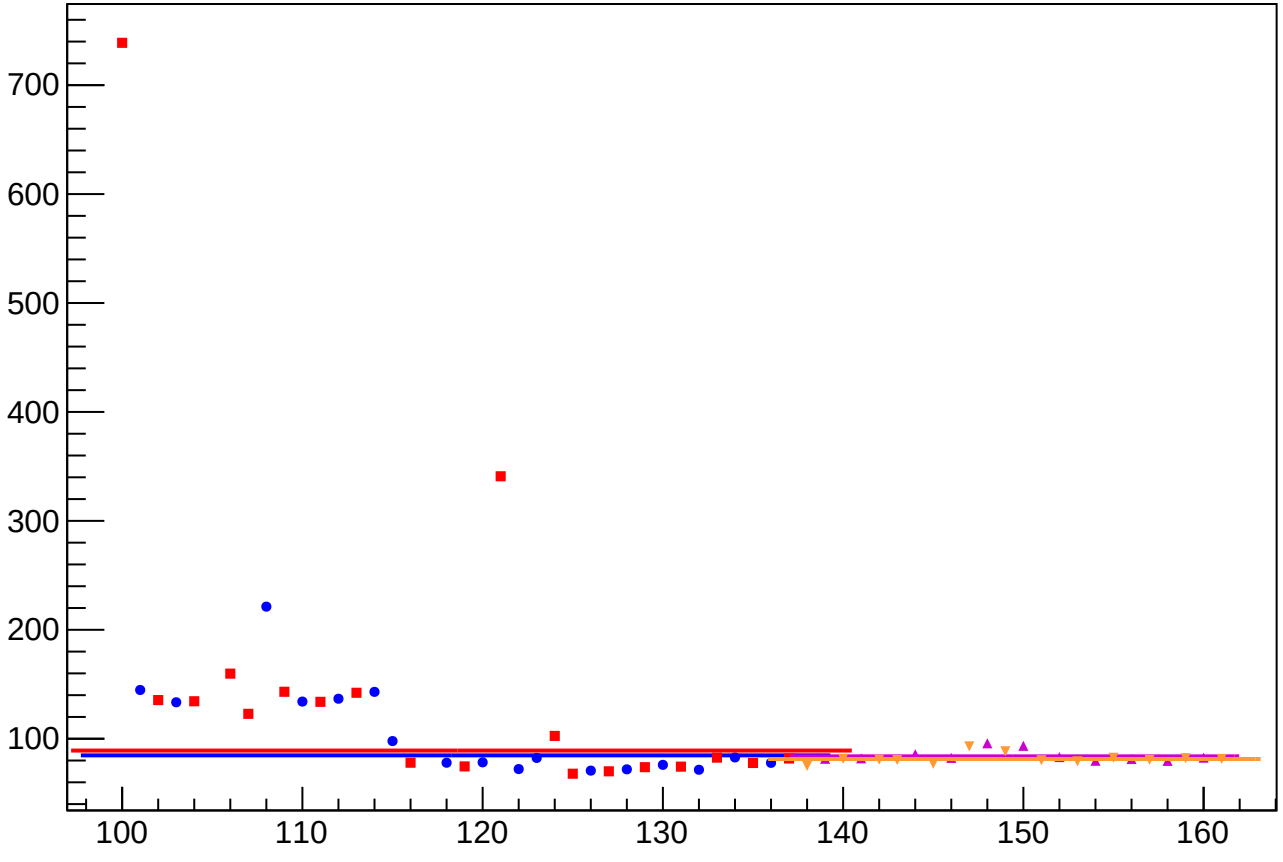
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -78.656+/-21.582 χ^2/NDF:38.1/27

Out: -81.134+/-21.056 χ^2/NDF:51.4/31

All: -79.926+/-15.071 χ^2/NDF: 89.5/59

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.393+/-0.018 χ^2/NDF:52074.9/12

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.835+/-0.020 χ^2/NDF:57859.7/10

Left: 82.533+/-0.013 χ^2/NDF: 118094.0/23

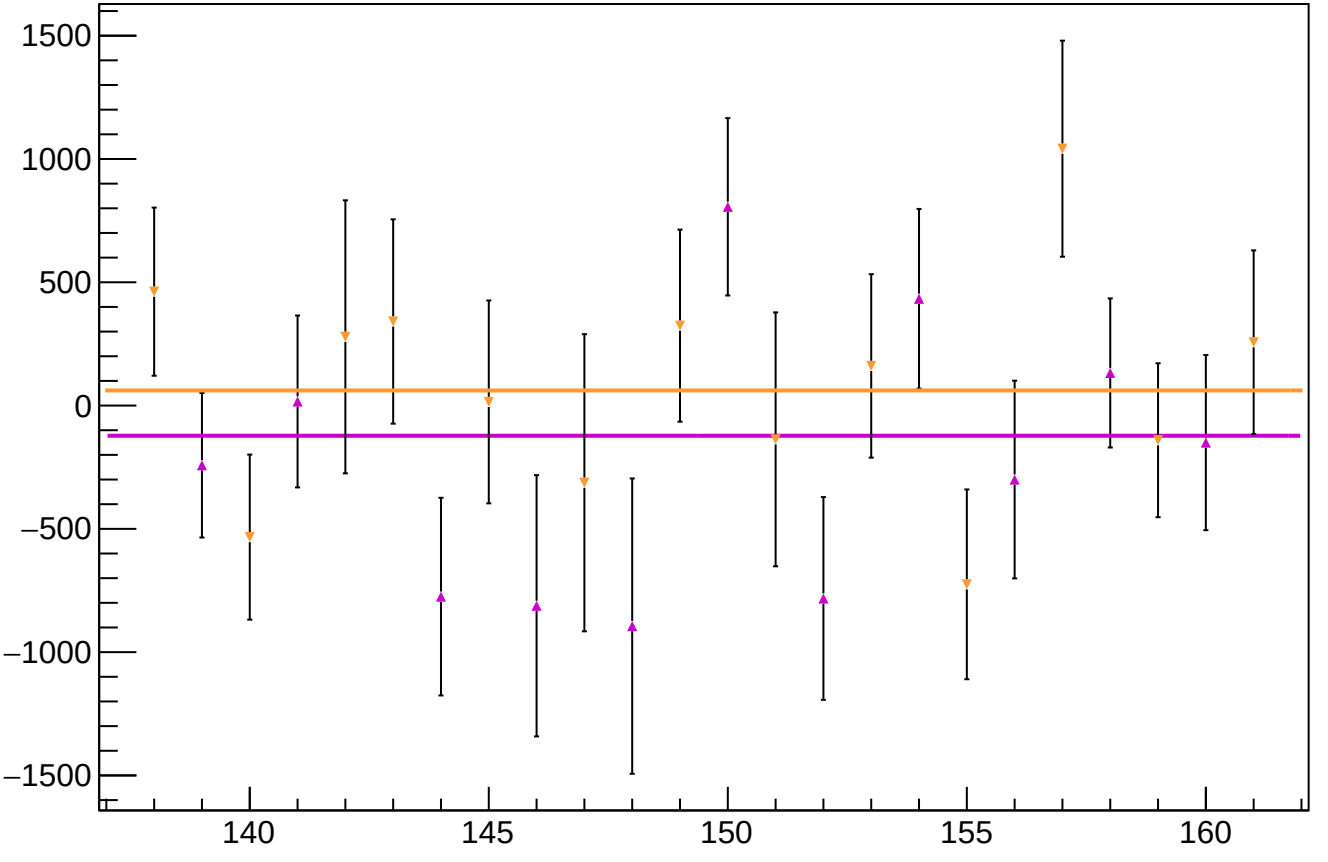
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 84.198+/-0.015 χ^2/NDF:1123119.7/27

Out: 84.112+/-0.015 χ^2/NDF:1673060.9/31

All: 84.154+/-0.011 χ^2/NDF: 2796196.9/59

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 61.374+/-110.226 χ^2/NDF:16.1/12

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

Left In: -122.363+/-112.704 χ^2/NDF:18.8/10

Left: -28.452+/-78.803 χ^2/NDF: 36.3/23

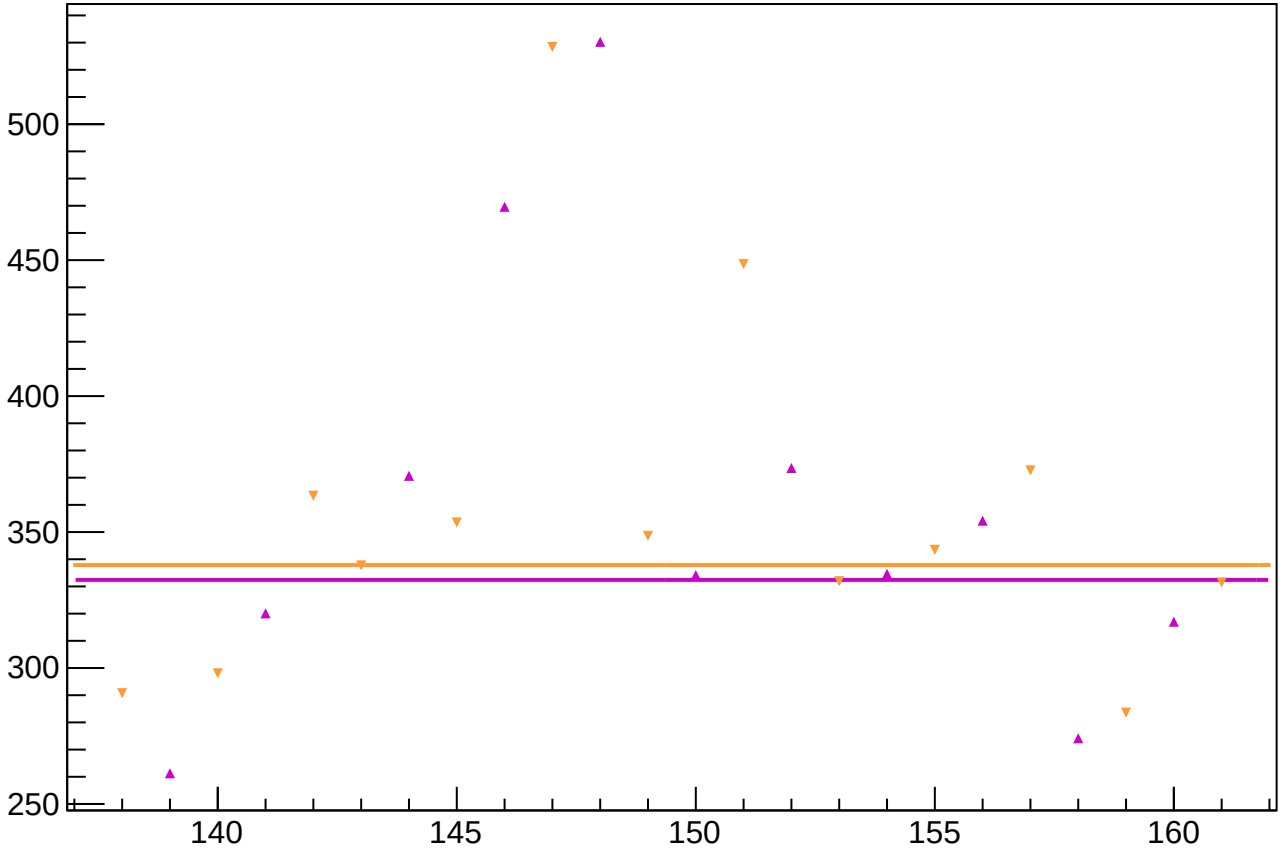
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -122.363+/-112.704 χ^2/NDF:18.8/10

Out: 61.374+/-110.226 χ^2/NDF:16.1/12

All: -28.452+/-78.803 χ^2/NDF: 36.3/23

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 337.856+/-0.078 χ^2/NDF:442299.0/12

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

Left In: 332.410+/-0.080 χ^2/NDF:595048.6/10

Left: 335.194+/-0.056 χ^2/NDF: 1039735.0/23

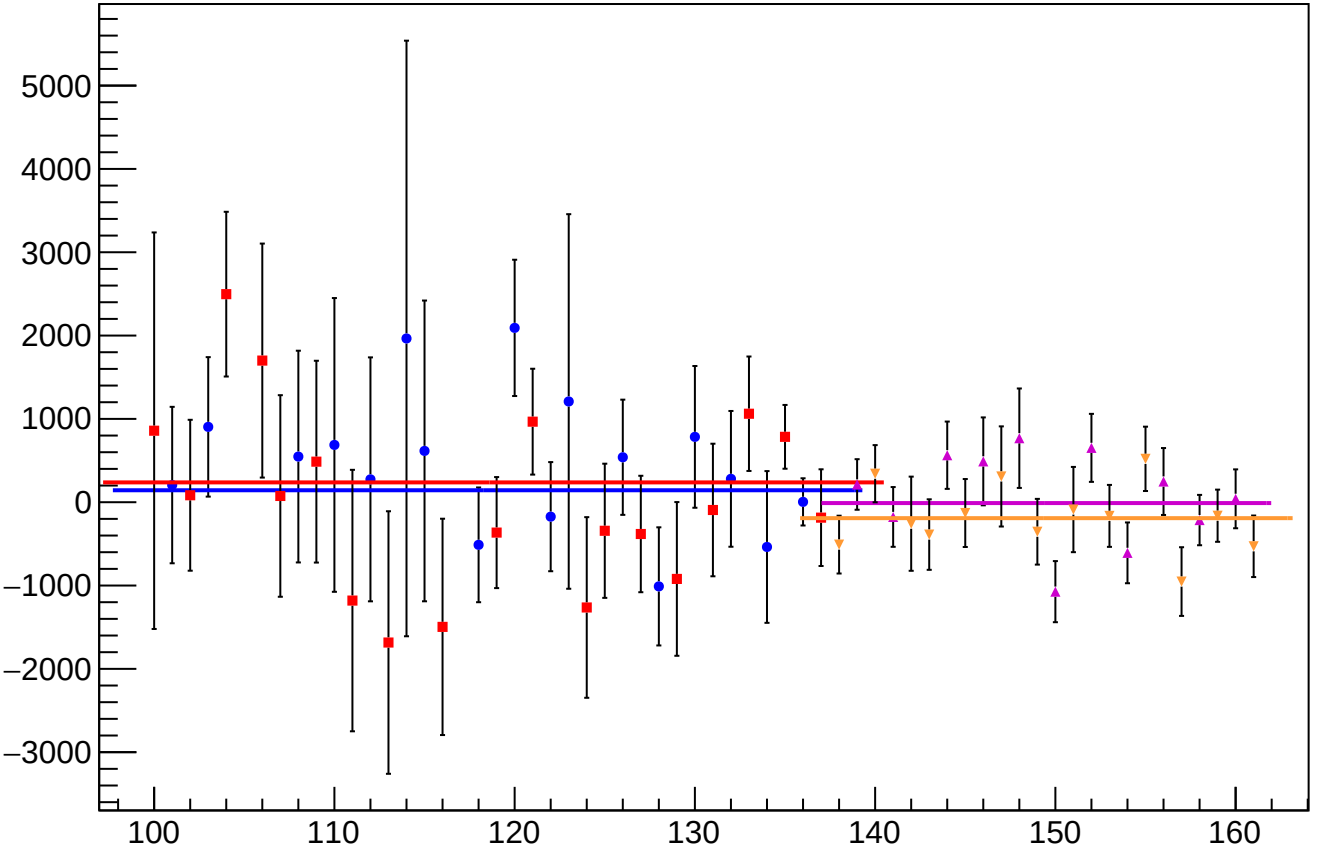
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 332.410+/-0.080 χ^2/NDF:595048.6/10

Out: 337.856+/-0.078 χ^2/NDF:442299.0/12

All: 335.194+/-0.056 χ^2/NDF: 1039735.0/23

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -191.350+/-110.500 χ^2/NDF:12.1/12

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: -10.273+/-113.754 χ^2/NDF:20.0/10

Left: -103.439+/-79.261 χ^2/NDF: 33.4/23

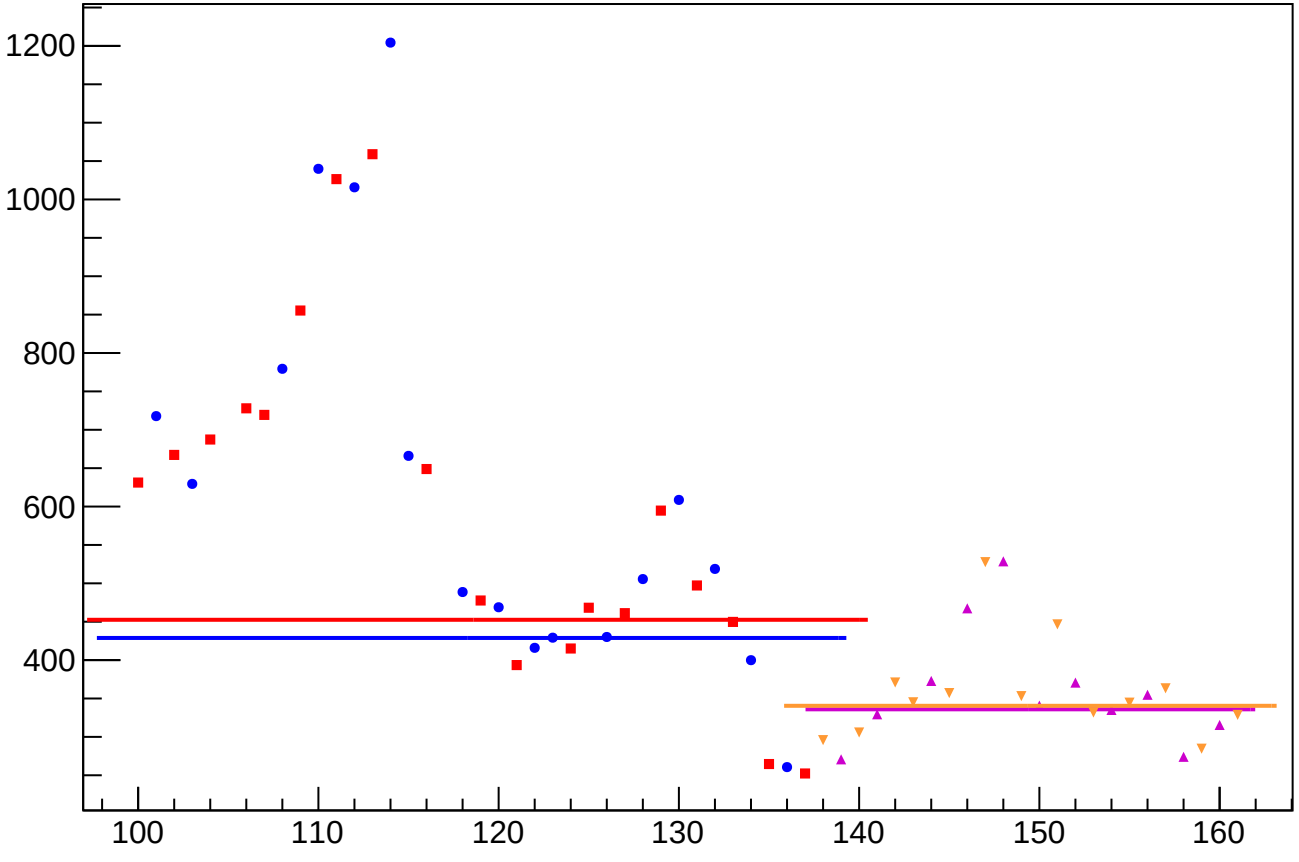
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: 33.877+/-96.044 χ^2/NDF:33.3/27

Out: -77.590+/-94.730 χ^2/NDF:37.7/31

All: -22.625+/-67.444 χ^2/NDF: 71.7/59

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 340.484+/-0.078 χ^2/NDF:418075.5/12

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 335.891+/-0.080 χ^2/NDF:552420.6/10

Left: 338.255+/-0.056 χ^2/NDF: 972173.6/23

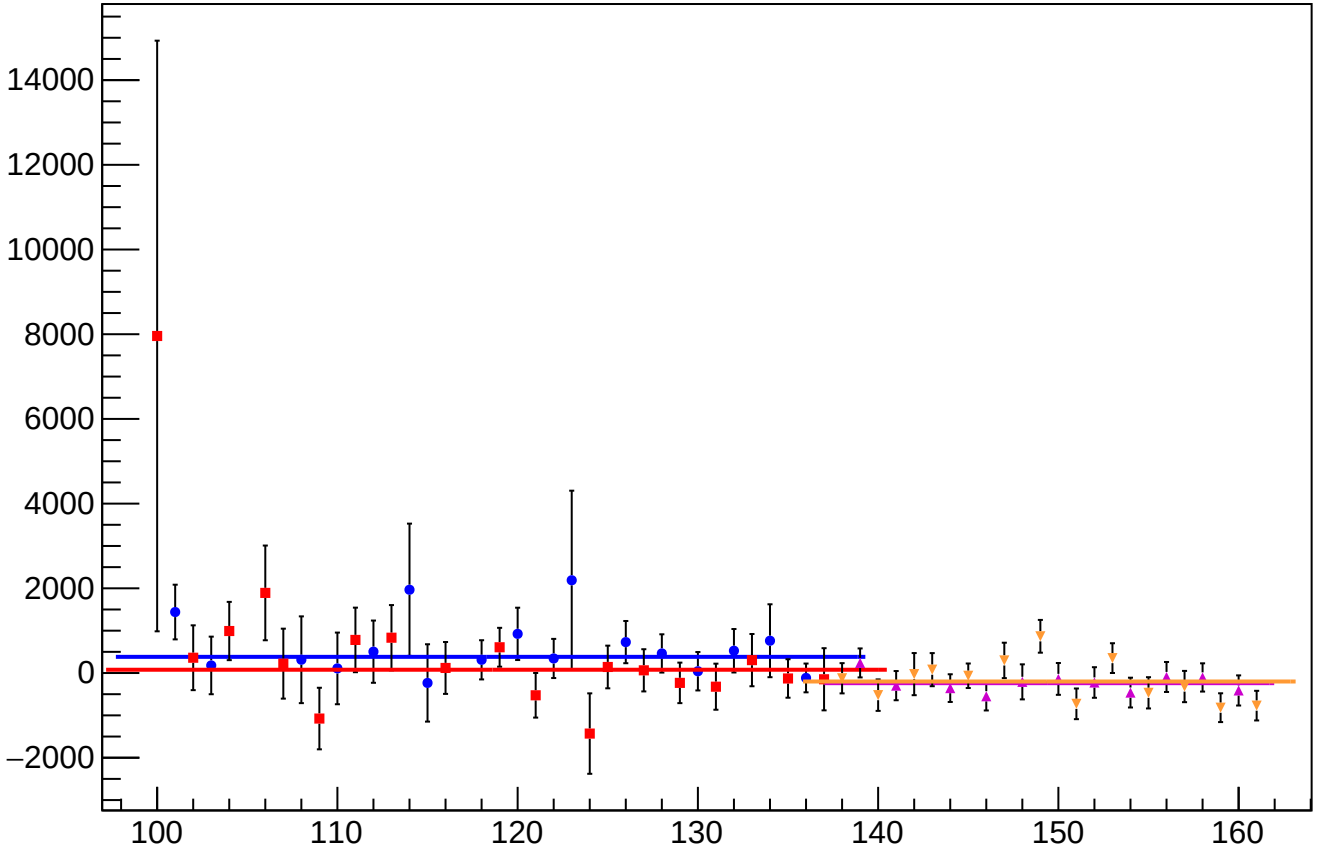
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 362.585+/-0.068 χ^2/NDF:2948294.1/27

Out: 370.181+/-0.067 χ^2/NDF:3002263.0/31

All: 366.435+/-0.048 χ^2/NDF: 5956898.4/59

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -200.048+/-101.418 χ^2/NDF:21.9/12

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -239.768+/-106.146 χ^2/NDF:4.0/10

Left: -219.004+/-73.328 χ^2/NDF: 25.9/23

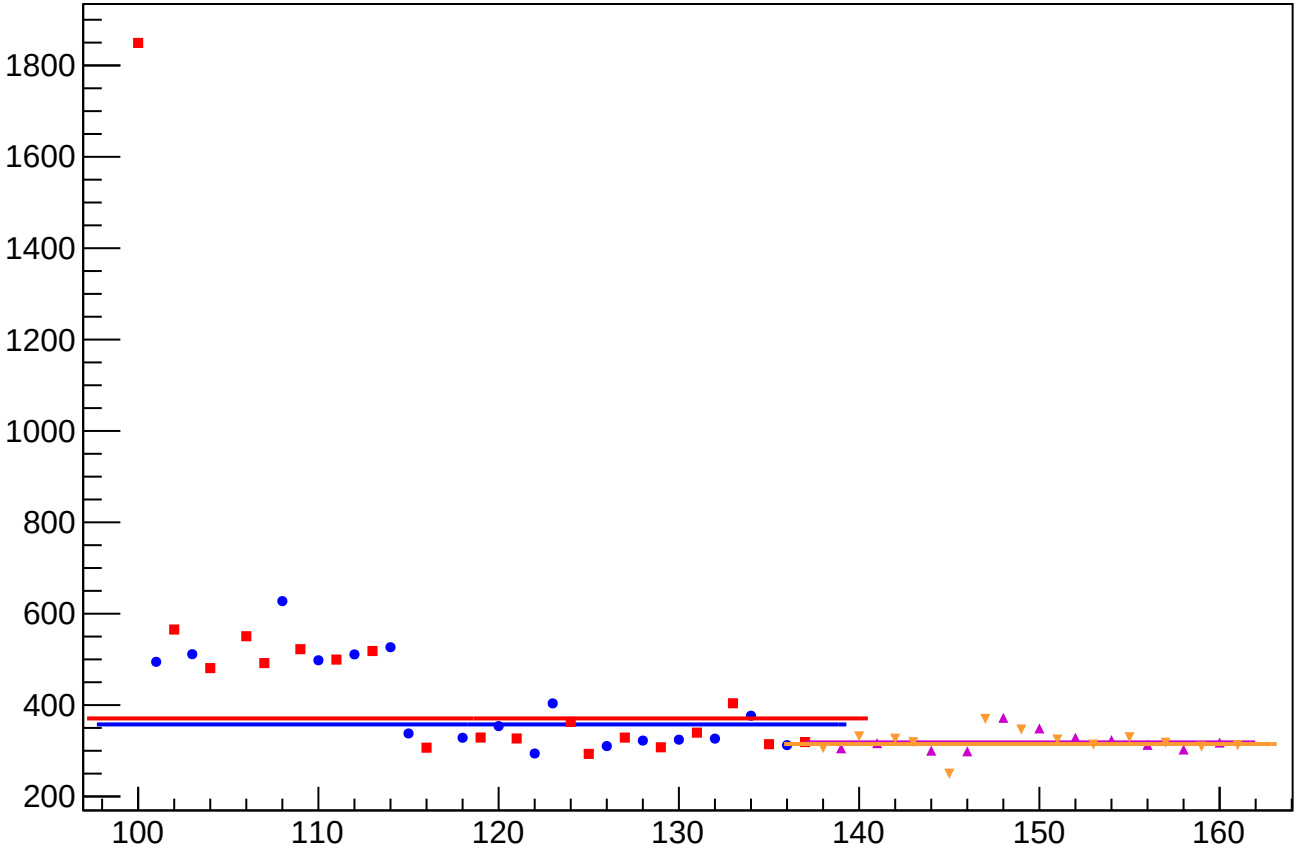
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: -15.290+/-84.844 χ^2/NDF:25.8/27

Out: -107.572+/-82.815 χ^2/NDF:41.1/31

All: -62.547+/-59.264 χ^2/NDF: 67.5/59

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 314.777+/-0.072 χ^2/NDF:160616.2/12

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 318.361+/-0.075 χ^2/NDF:69858.0/10

Left: 316.487+/-0.052 χ^2/NDF: 231666.3/23

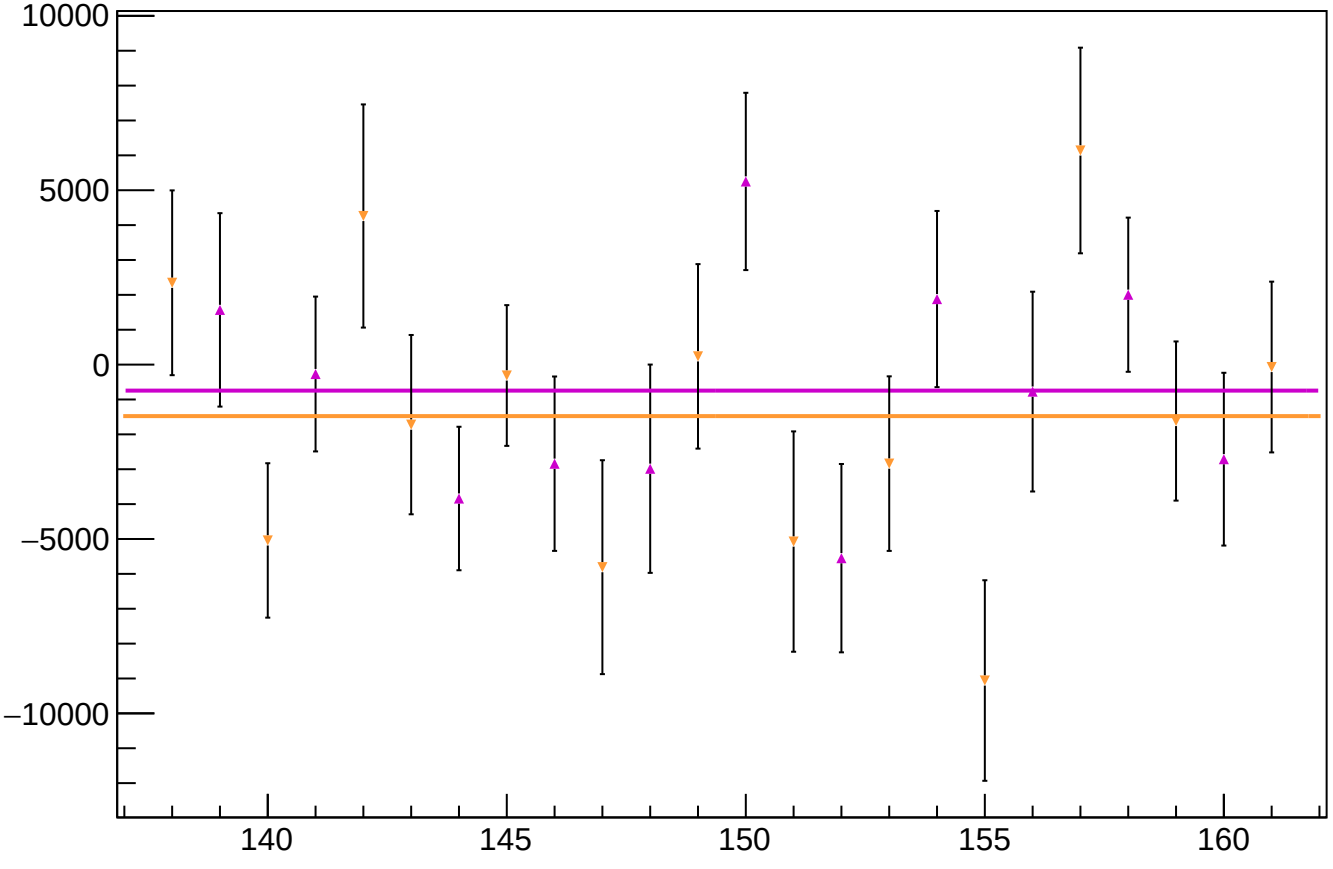
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 332.553+/-0.060 χ^2/NDF:798546.5/27

Out: 333.442+/-0.059 χ^2/NDF:1148710.3/31

All: 333.008+/-0.042 χ^2/NDF: 1947369.2/59

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1476.640+/-717.016 χ^2/NDF:26.2/12

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

Left In: -745.470+/-749.635 χ^2/NDF:16.3/10

Left: -1127.308+/-518.155 χ^2/NDF: 43.0/23

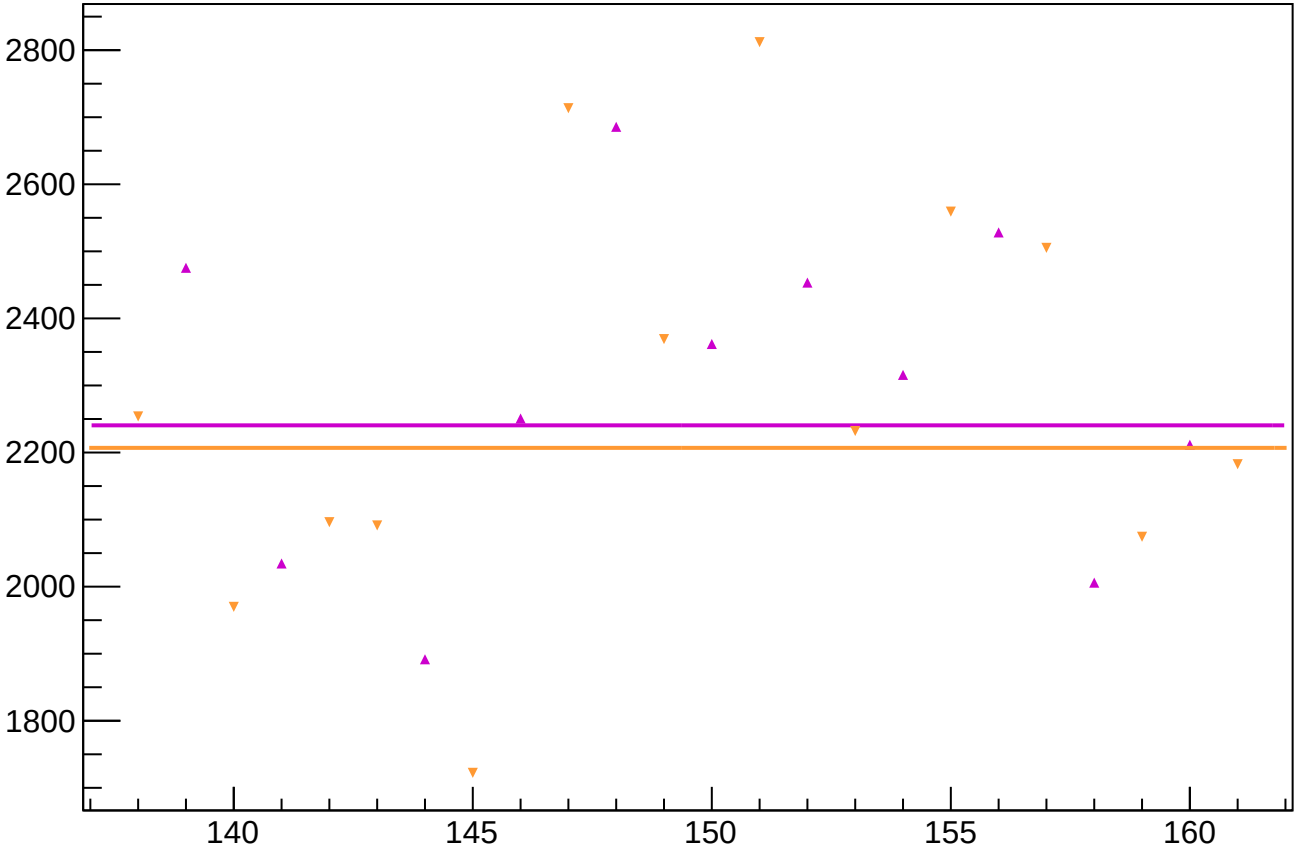
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -745.470+/-749.635 χ^2/NDF:16.3/10

Out: -1476.640+/-717.016 χ^2/NDF:26.2/12

All: -1127.308+/-518.155 χ^2/NDF: 43.0/23

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2206.958+/-0.507 χ^2/NDF:338408.1/12

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

Left In: 2240.543+/-0.530 χ^2/NDF:195290.8/10

Left: 2223.004+/-0.366 χ^2/NDF: 535795.2/23

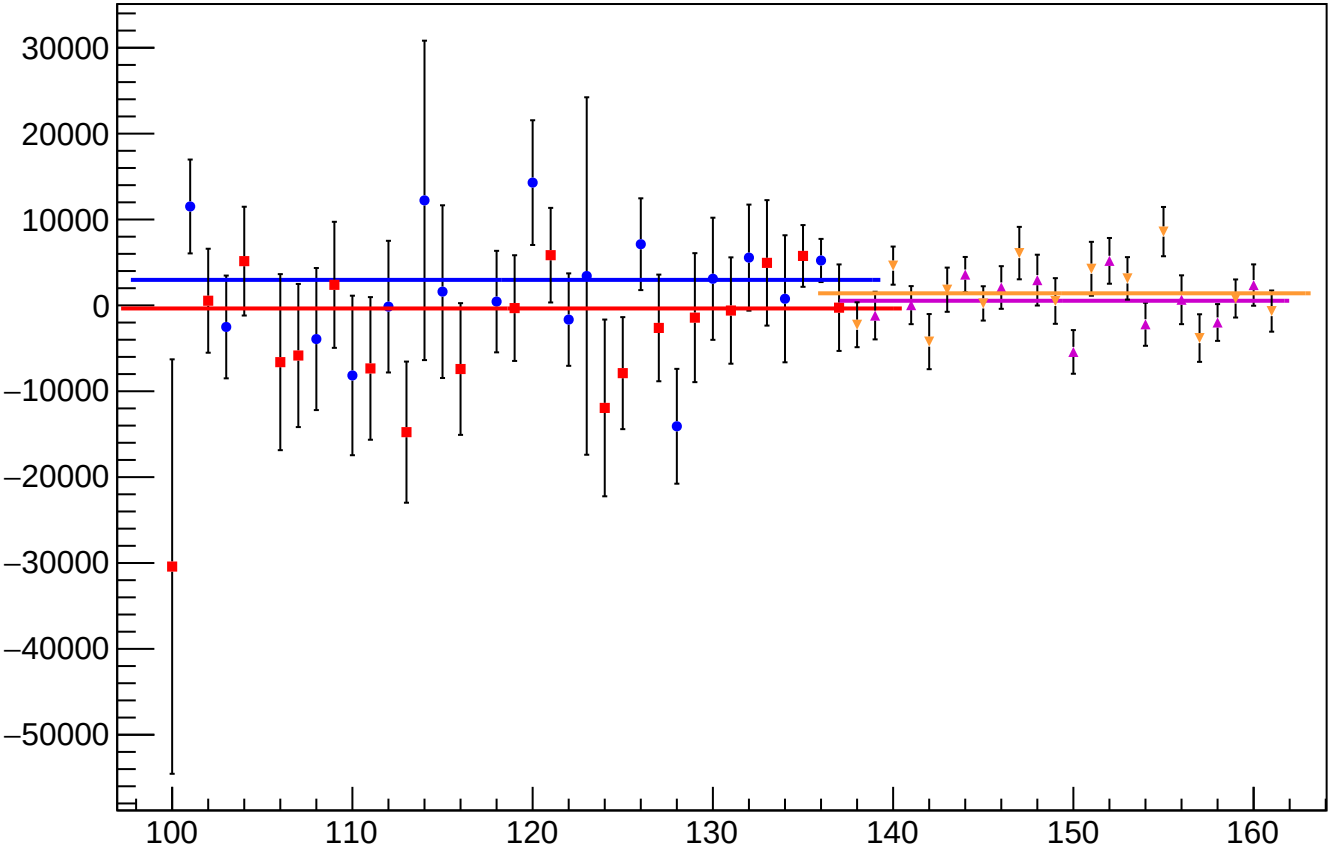
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2240.543+/-0.530 χ^2/NDF:195290.8/10

Out: 2206.958+/-0.507 χ^2/NDF:338408.1/12

All: 2223.004+/-0.366 χ^2/NDF: 535795.2/23

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1406.295+/-708.812 χ^2/NDF:21.9/12

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 537.016+/-741.943 χ^2/NDF:15.4/10

Left: 991.496+/-512.518 χ^2/NDF: 38.0/23

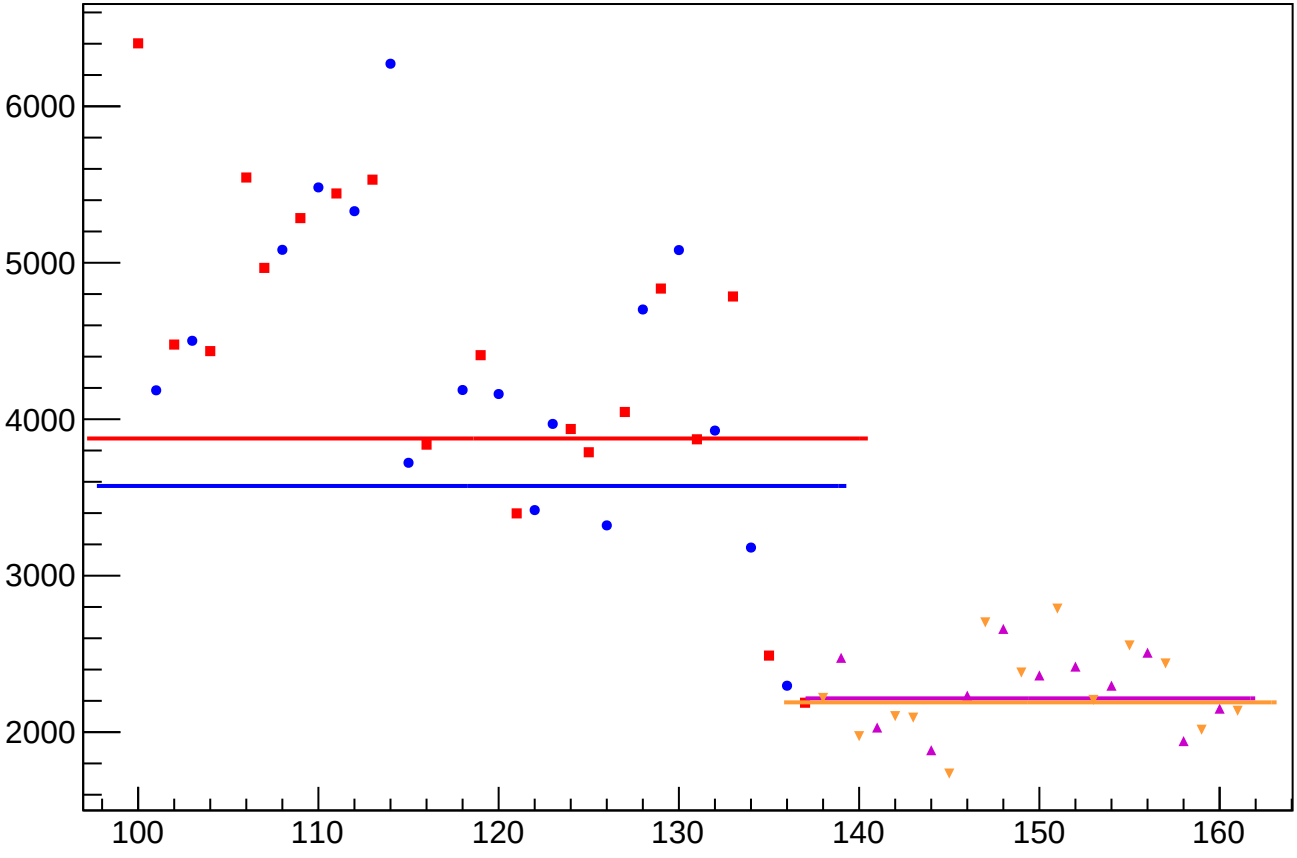
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 1046.949+/-659.592 χ^2/NDF:35.0/27

Out: 1086.590+/-641.411 χ^2/NDF:38.4/31

All: 1067.323+/-459.839 χ^2/NDF: 73.4/59

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2190.327+/-0.501 χ^2/NDF:328463.5/12

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2215.915+/-0.525 χ^2/NDF:204448.2/10

Left: 2202.537+/-0.362 χ^2/NDF: 534155.5/23

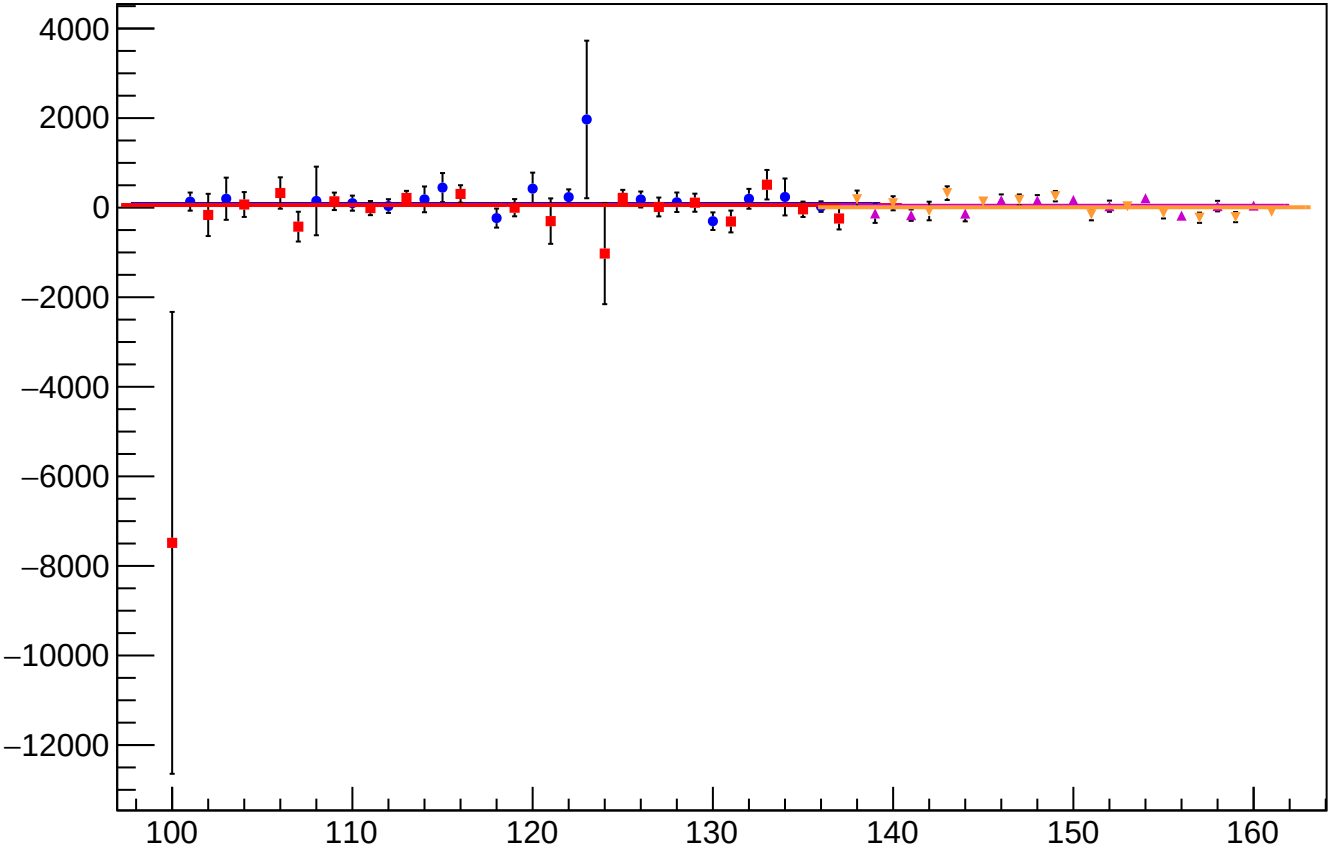
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2500.550+/-0.466 χ^2/NDF:2697075.1/27

Out: 2495.832+/-0.454 χ^2/NDF:3368010.2/31

All: 2498.125+/-0.325 χ^2/NDF: 6065137.9/59

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 8.962+/-35.200 χ^2/NDF:24.6/12

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 42.309+/-36.973 χ^2/NDF:14.2/10

Left: 24.817+/-25.494 χ^2/NDF: 39.2/23

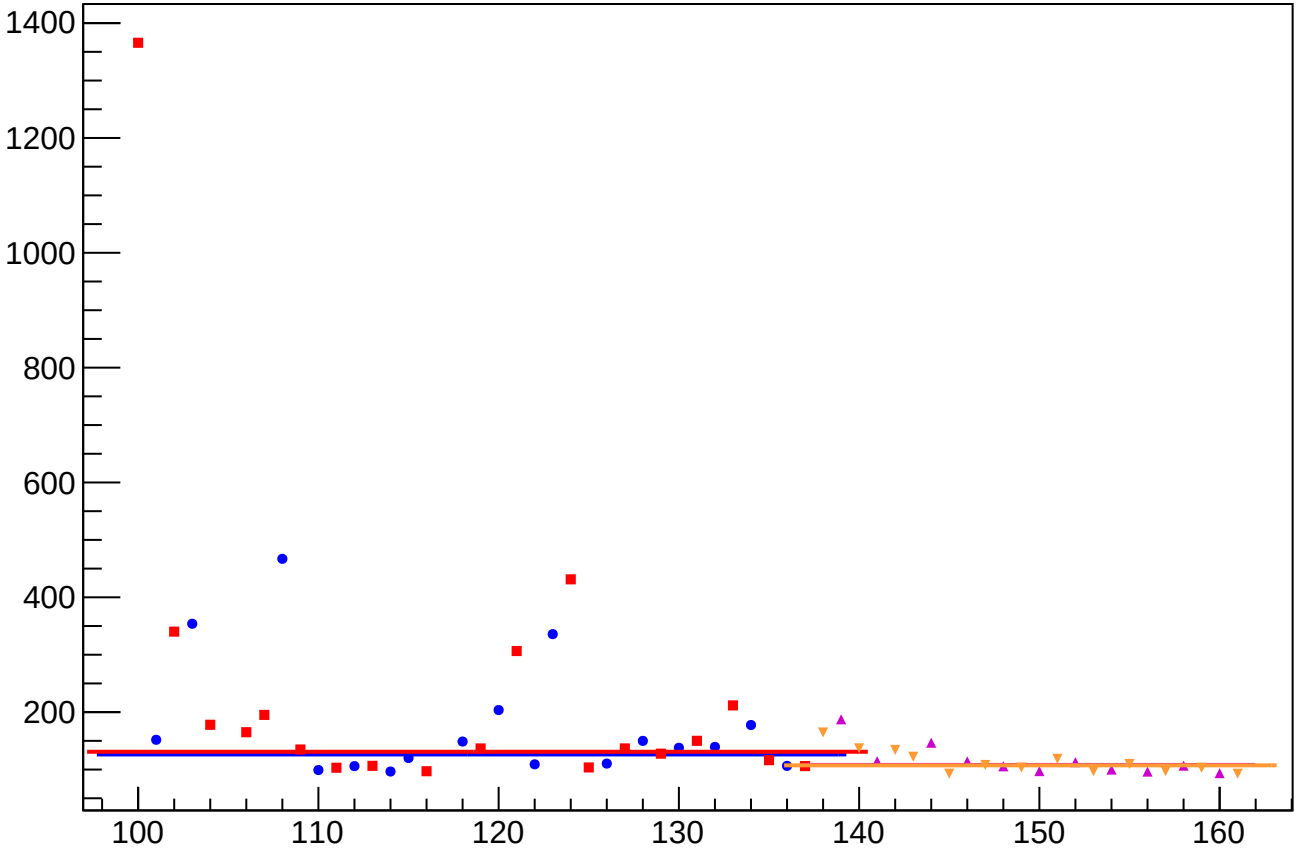
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 55.618+/-30.114 χ^2/NDF:26.1/27

Out: 24.214+/-29.350 χ^2/NDF:41.7/31

All: 39.513+/-21.019 χ^2/NDF: 68.3/59

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 107.383+/-0.025 χ^2/NDF:424627.7/12

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 108.045+/-0.026 χ^2/NDF:487388.3/10

Left: 107.697+/-0.018 χ^2/NDF: 912352.3/23

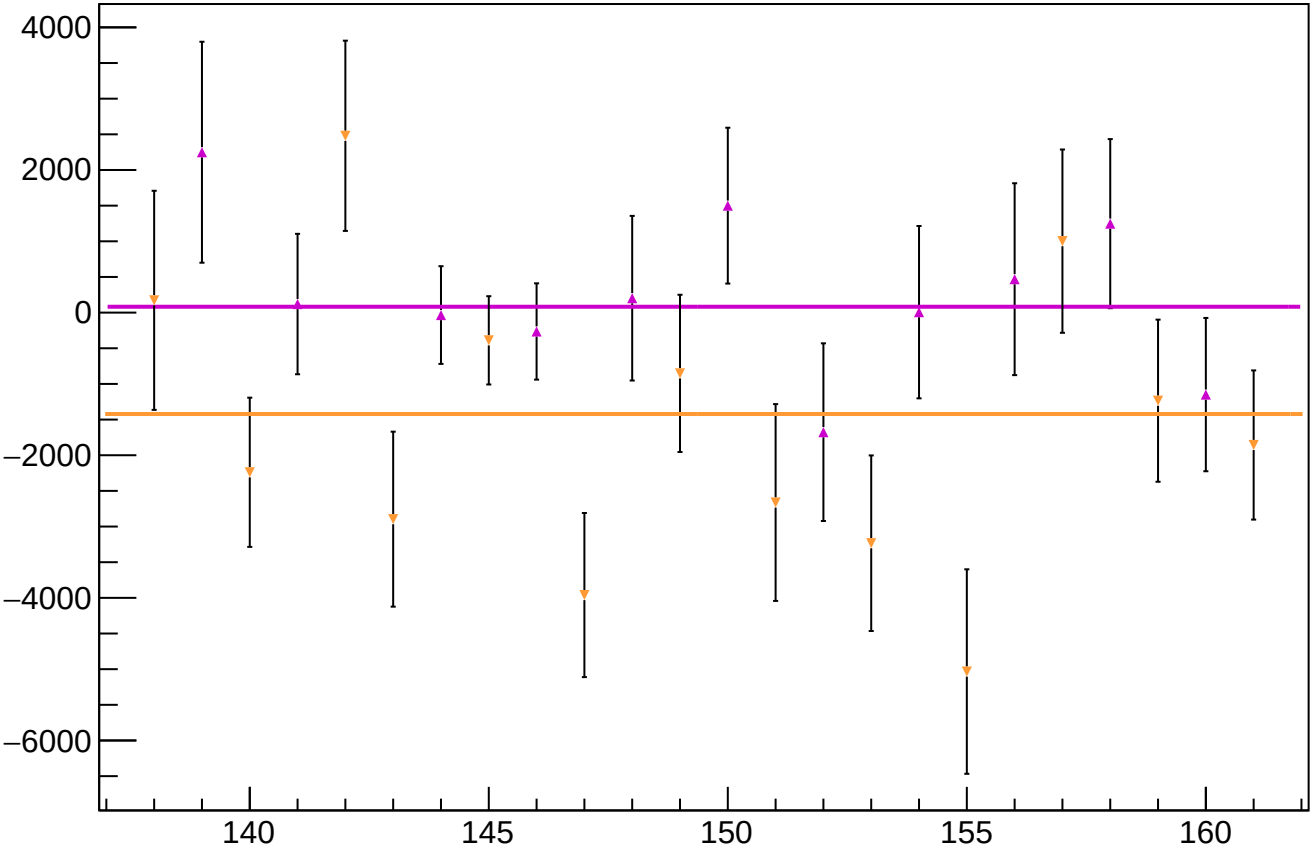
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 114.202+/-0.021 χ^2/NDF:1962791.8/27

Out: 114.583+/-0.021 χ^2/NDF:2128443.4/31

All: 114.397+/-0.015 χ^2/NDF: 4091398.7/59

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1421.891+/-305.486 χ^2/NDF:32.7/12

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

Left In: 82.298+/-304.018 χ^2/NDF:8.3/10

Left: -666.173+/-215.491 χ^2/NDF: 53.2/23

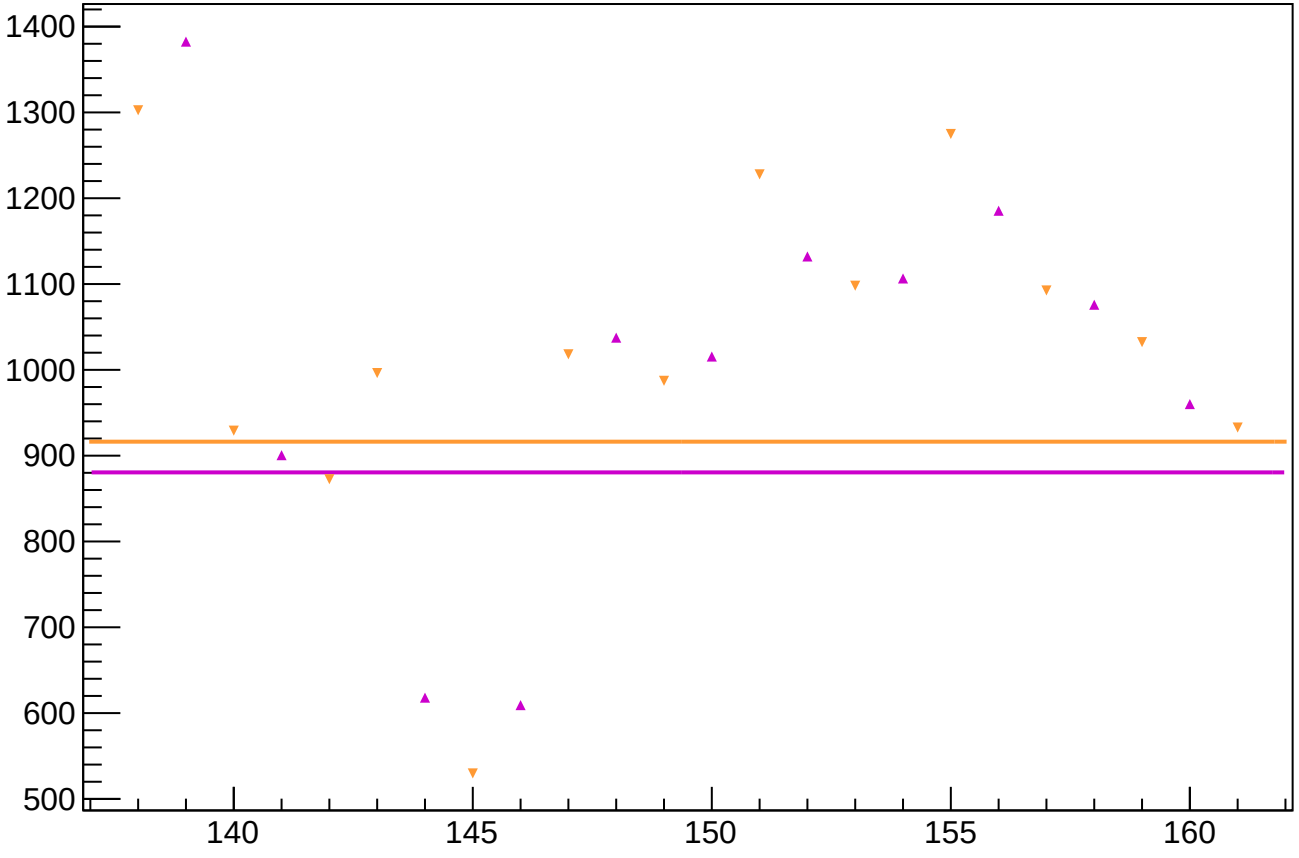
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.298+/-304.018 χ^2/NDF:8.3/10

Out: -1421.891+/-305.486 χ^2/NDF:32.7/12

All: -666.173+/-215.491 χ^2/NDF: 53.2/23

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 916.310+/-0.216 χ^2/NDF:1270707.7/12

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

Left In: 880.507+/-0.215 χ^2/NDF:1214302.8/10

Left: 898.323+/-0.152 χ^2/NDF: 2498812.7/23

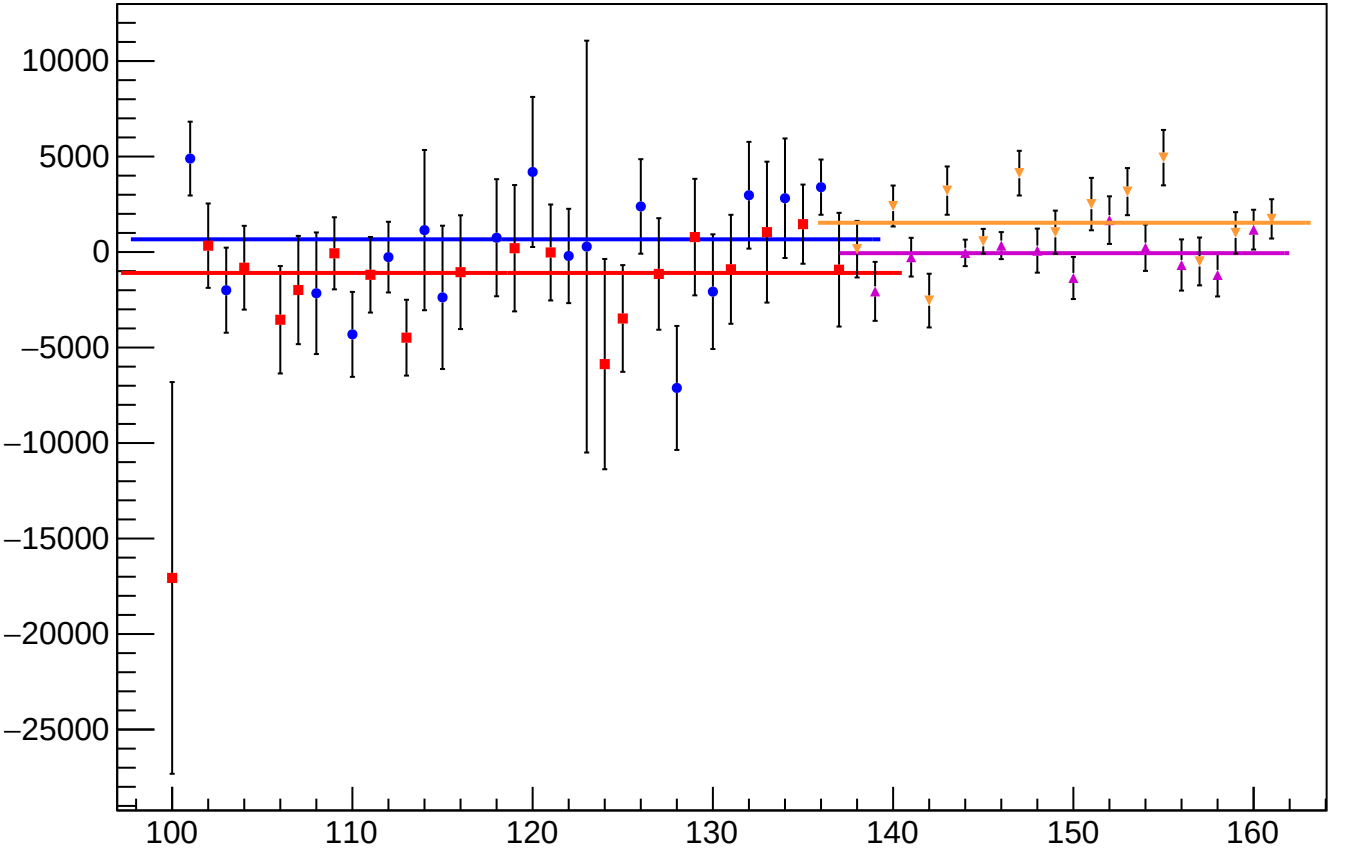
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 880.507+/-0.215 χ^2/NDF:1214302.8/10

Out: 916.310+/-0.216 χ^2/NDF:1270707.7/12

All: 898.323+/-0.152 χ^2/NDF: 2498812.7/23

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1533.191+/-309.672 χ^2/NDF:29.7/12

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: -58.395+/-306.780 χ^2/NDF:8.0/10

Left: 729.931+/-217.941 χ^2/NDF: 51.1/23

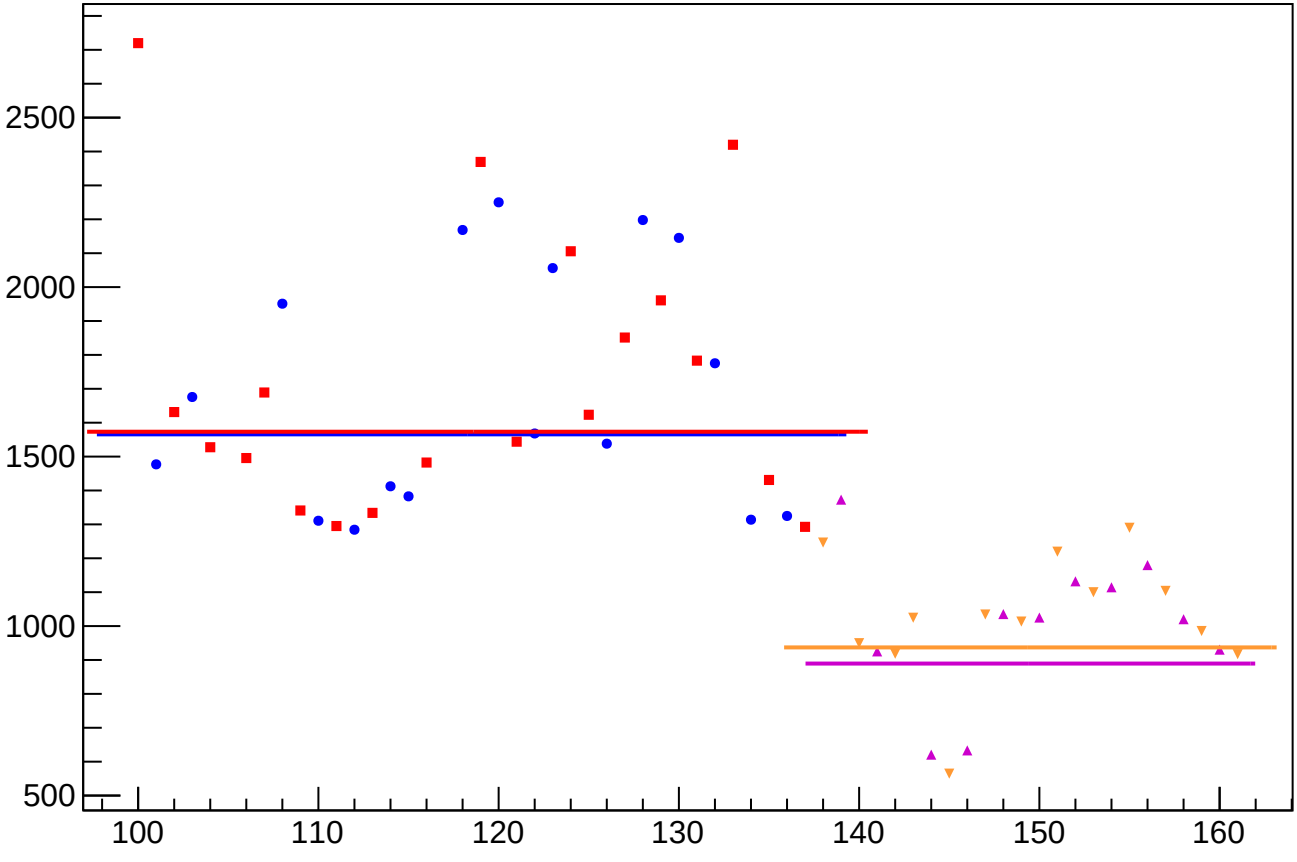
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 84.597+/-274.859 χ^2/NDF:34.8/27

Out: 984.331+/-275.435 χ^2/NDF:55.8/31

All: 533.523+/-194.558 χ^2/NDF: 95.9/59

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 937.060+/-0.219 χ^2/NDF:1054778.1/12

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 889.405+/-0.217 χ^2/NDF:1091462.5/10

Left: 913.009+/-0.154 χ^2/NDF: 2170144.5/23

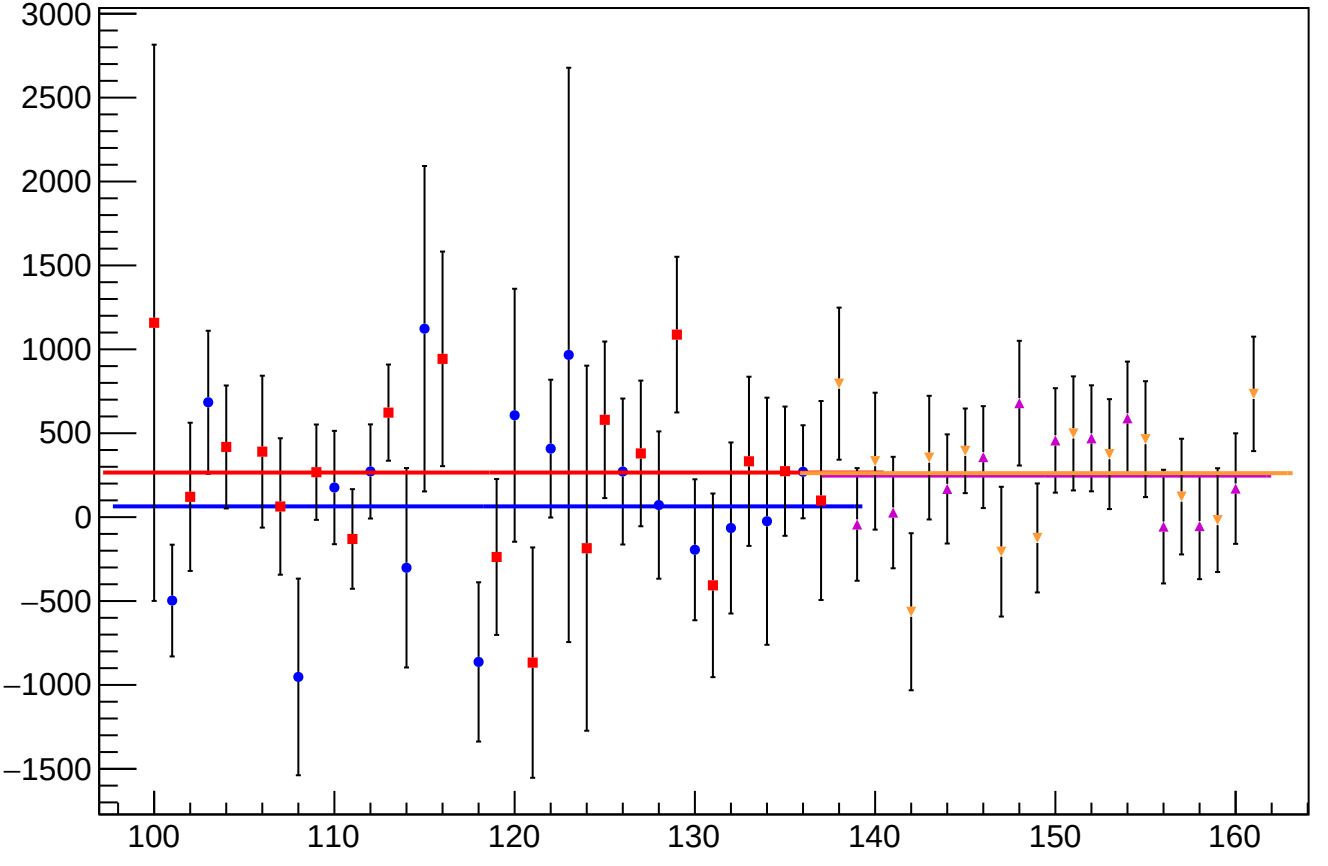
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 1022.804+/-0.194 χ^2/NDF:3499223.0/27

Out: 1069.980+/-0.195 χ^2/NDF:3280749.8/31

All: 1046.343+/-0.138 χ^2/NDF: 6809369.9/59

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 262.103+/-95.991 χ^2/NDF:11.6/12

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 247.524+/-98.780 χ^2/NDF:6.5/10

Left: 255.022+/-68.841 χ^2/NDF: 18.1/23

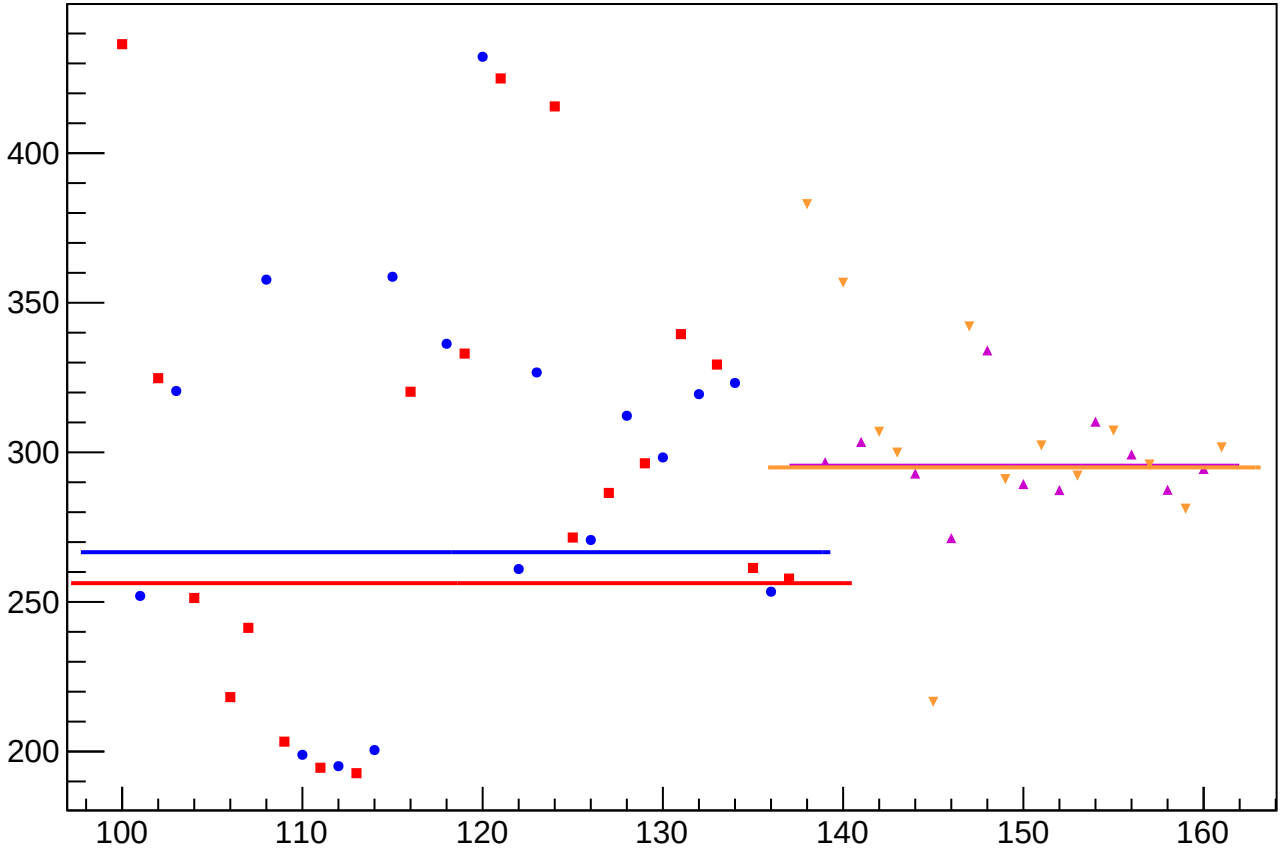
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 161.691+/-72.055 χ^2/NDF:24.8/27

Out: 263.820+/-69.043 χ^2/NDF:26.3/31

All: 214.935+/-49.851 χ^2/NDF: 52.2/59

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 294.960+/-0.068 χ^2/NDF:354214.4/12

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 295.544+/-0.070 χ^2/NDF:42985.2/10

Left: 295.243+/-0.049 χ^2/NDF: 397235.6/23

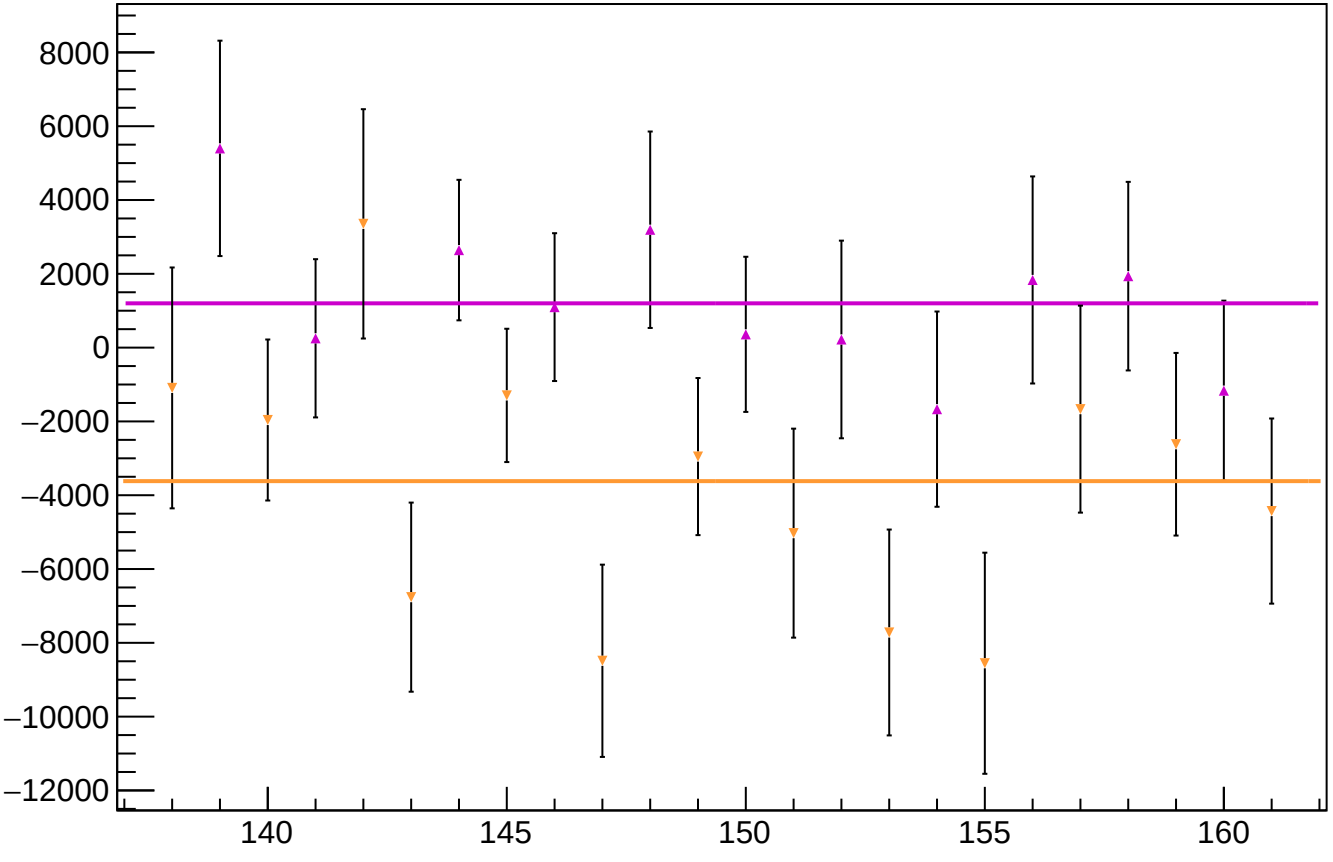
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 282.012+/-0.051 χ^2/NDF:673947.4/27

Out: 276.285+/-0.049 χ^2/NDF:1207947.3/31

All: 279.026+/-0.035 χ^2/NDF: 1888481.2/59

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -3618.254+/-698.705 χ^2/NDF:18.8/12

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

Left In: 1200.064+/-714.625 χ^2/NDF:5.9/10

Left: -1263.361+/-499.593 χ^2/NDF: 48.0/23

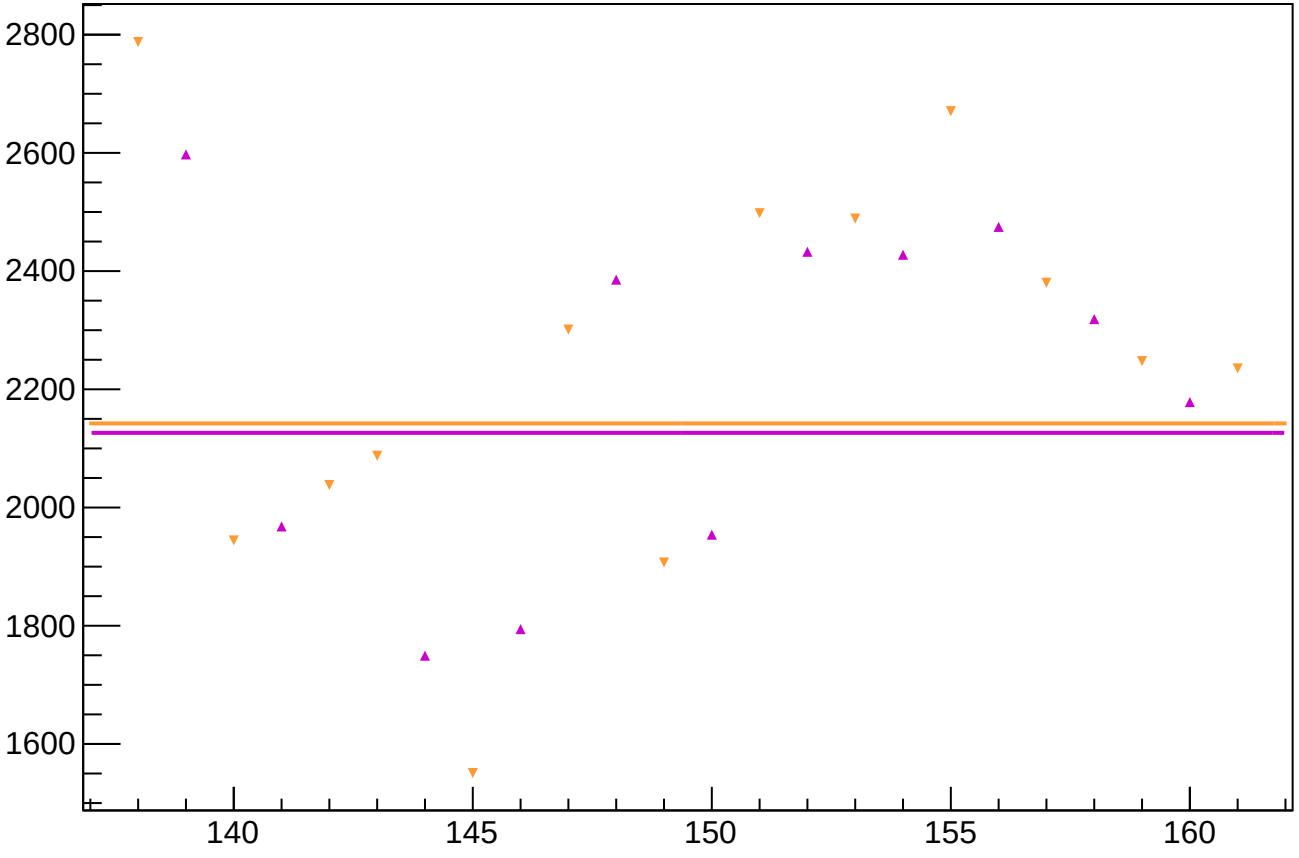
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1200.064+/-714.625 χ^2/NDF:5.9/10

Out: -3618.254+/-698.705 χ^2/NDF:18.8/12

All: -1263.361+/-499.593 χ^2/NDF: 48.0/23

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2142.290+/-0.494 χ^2/NDF:489505.5/12

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

Left In: 2126.358+/-0.505 χ^2/NDF:324020.7/10

Left: 2134.503+/-0.353 χ^2/NDF: 814034.4/23

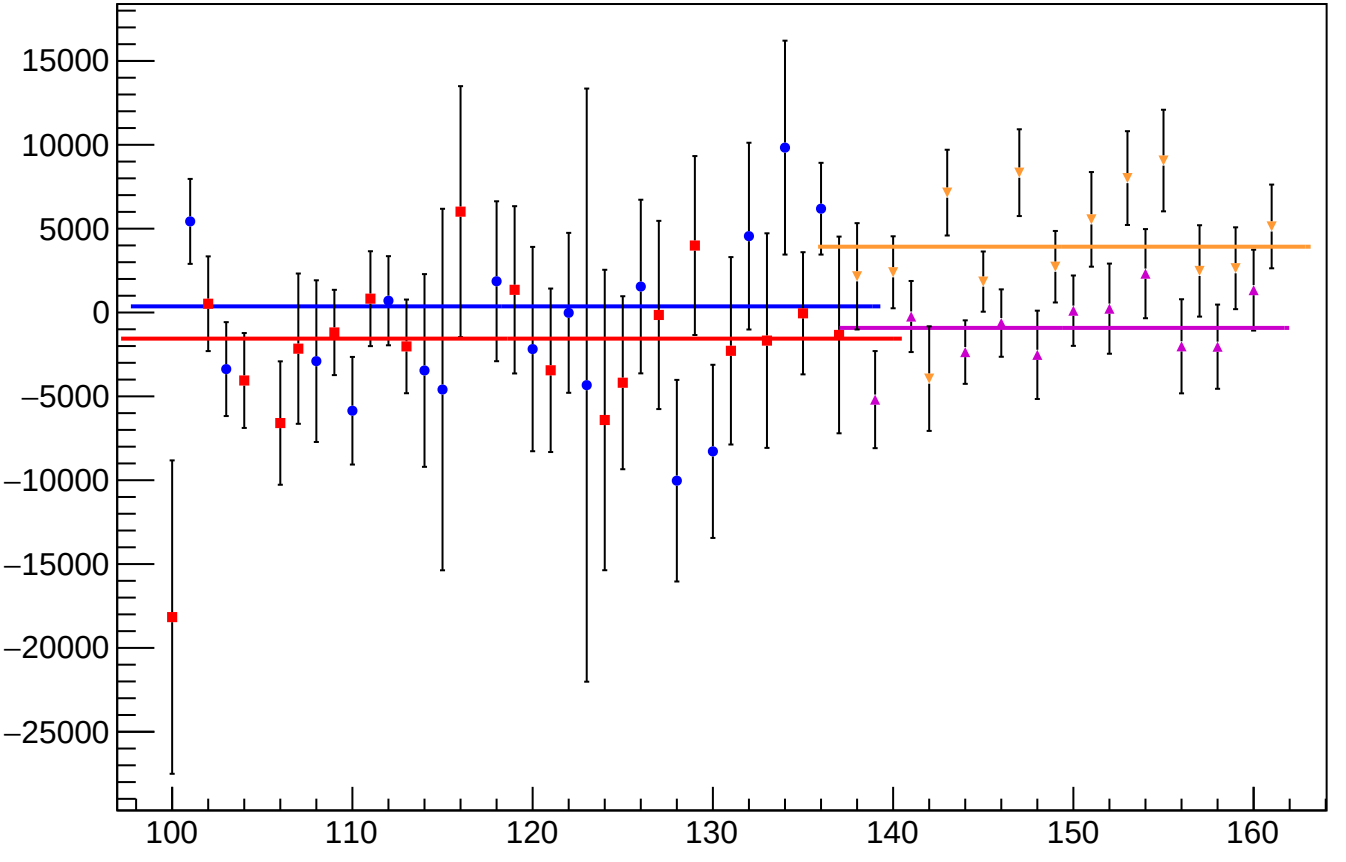
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2126.358+/-0.505 χ^2/NDF:324020.7/10

Out: 2142.290+/-0.494 χ^2/NDF:489505.5/12

All: 2134.503+/-0.353 χ^2/NDF: 814034.4/23

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 3924.218+/-693.774 χ^2/NDF:19.5/12

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -918.483+/-711.139 χ^2/NDF:6.4/10

Left: 1562.715+/-496.598 χ^2/NDF: 49.6/23

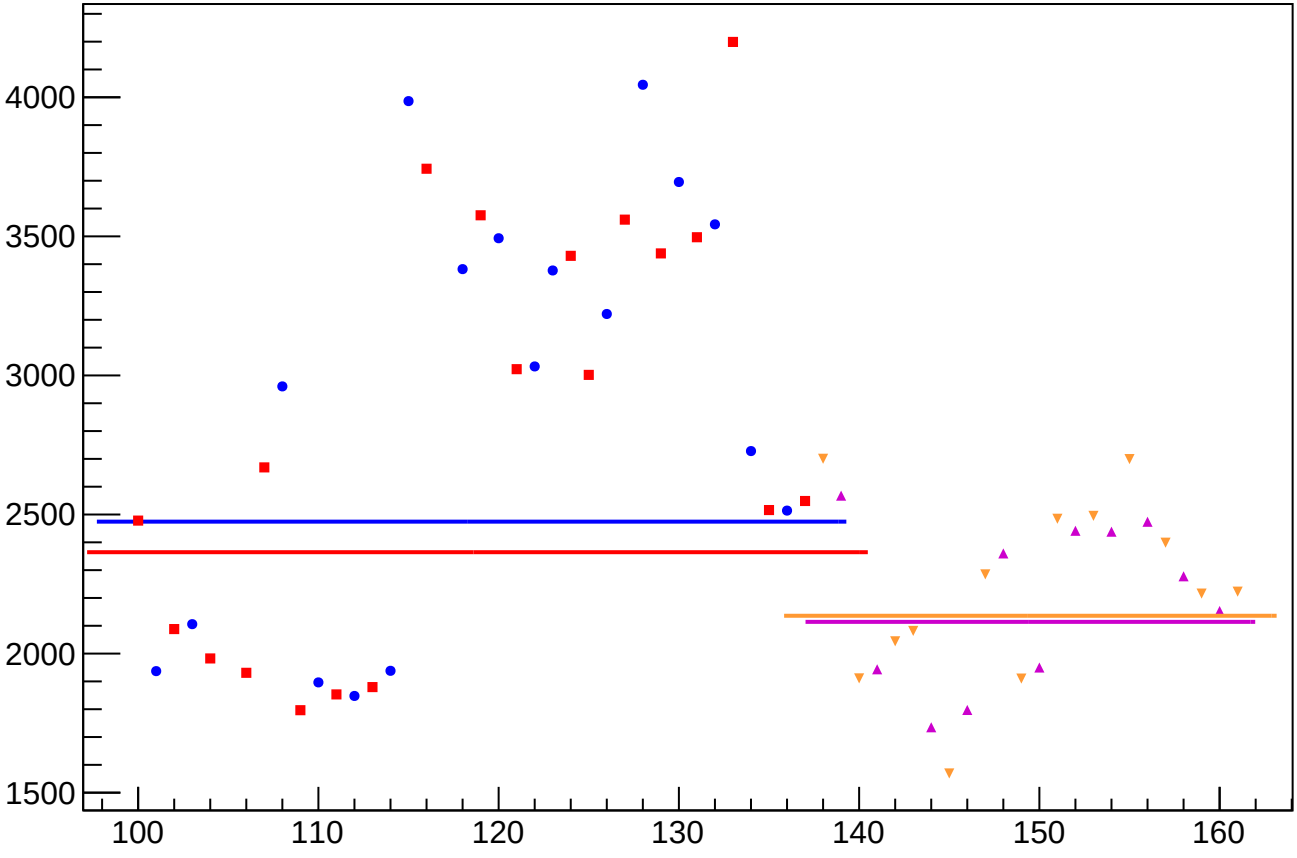
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -482.580+/-578.064 χ^2/NDF:31.7/27

Out: 1948.027+/-554.797 χ^2/NDF:52.5/31

All: 782.624+/-400.273 χ^2/NDF: 93.4/59

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2136.000+/-0.491 χ^2/NDF:472349.0/12

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2114.061+/-0.503 χ^2/NDF:322925.5/10

Left: 2125.301+/-0.351 χ^2/NDF: 796249.8/23

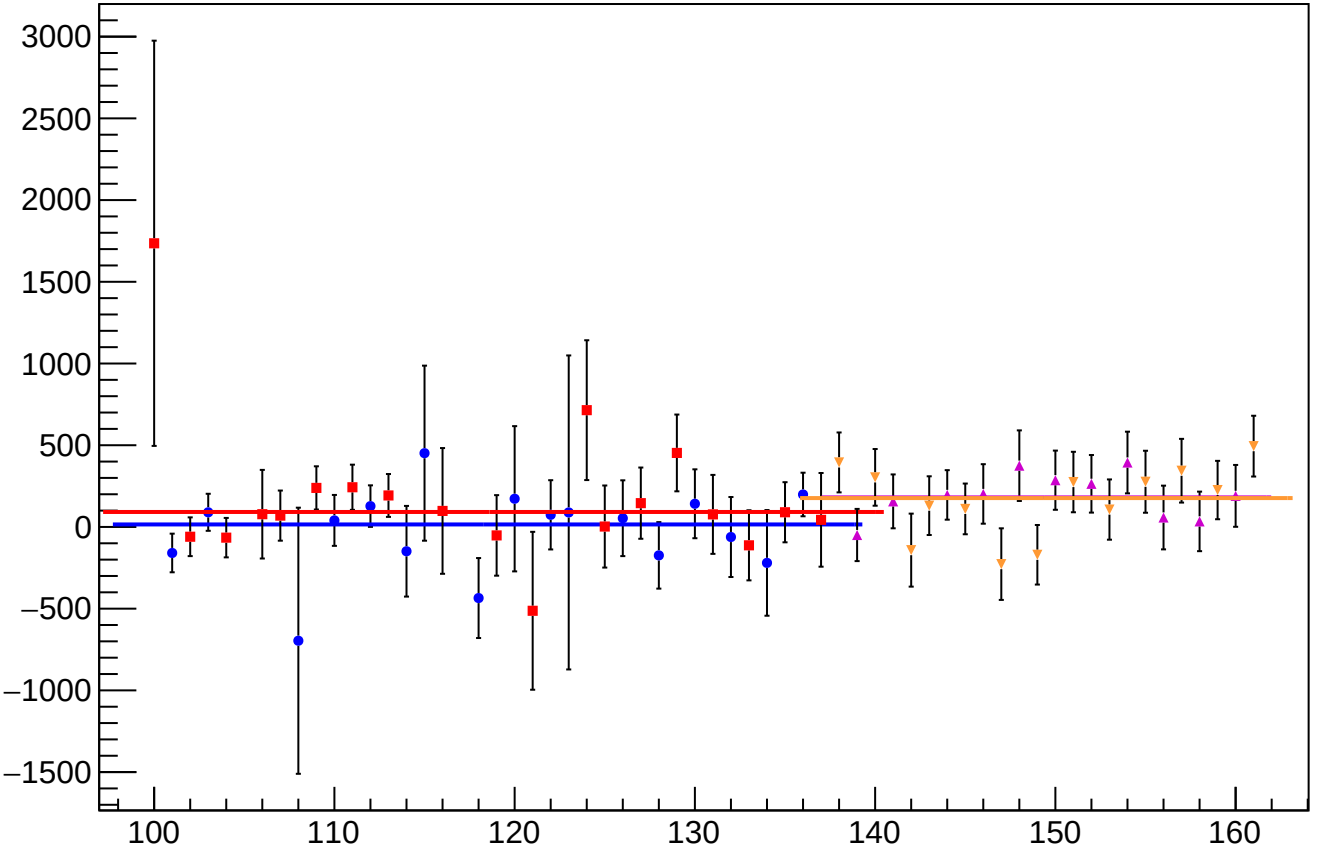
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2236.299+/-0.409 χ^2/NDF:1403378.5/27

Out: 2218.380+/-0.392 χ^2/NDF:1573971.4/31

All: 2226.971+/-0.283 χ^2/NDF: 2978350.2/59

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 176.595+/-51.328 χ^2/NDF:15.7/12

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 180.866+/-53.731 χ^2/NDF:5.8/10

Left: 178.633+/-37.115 χ^2/NDF: 21.5/23

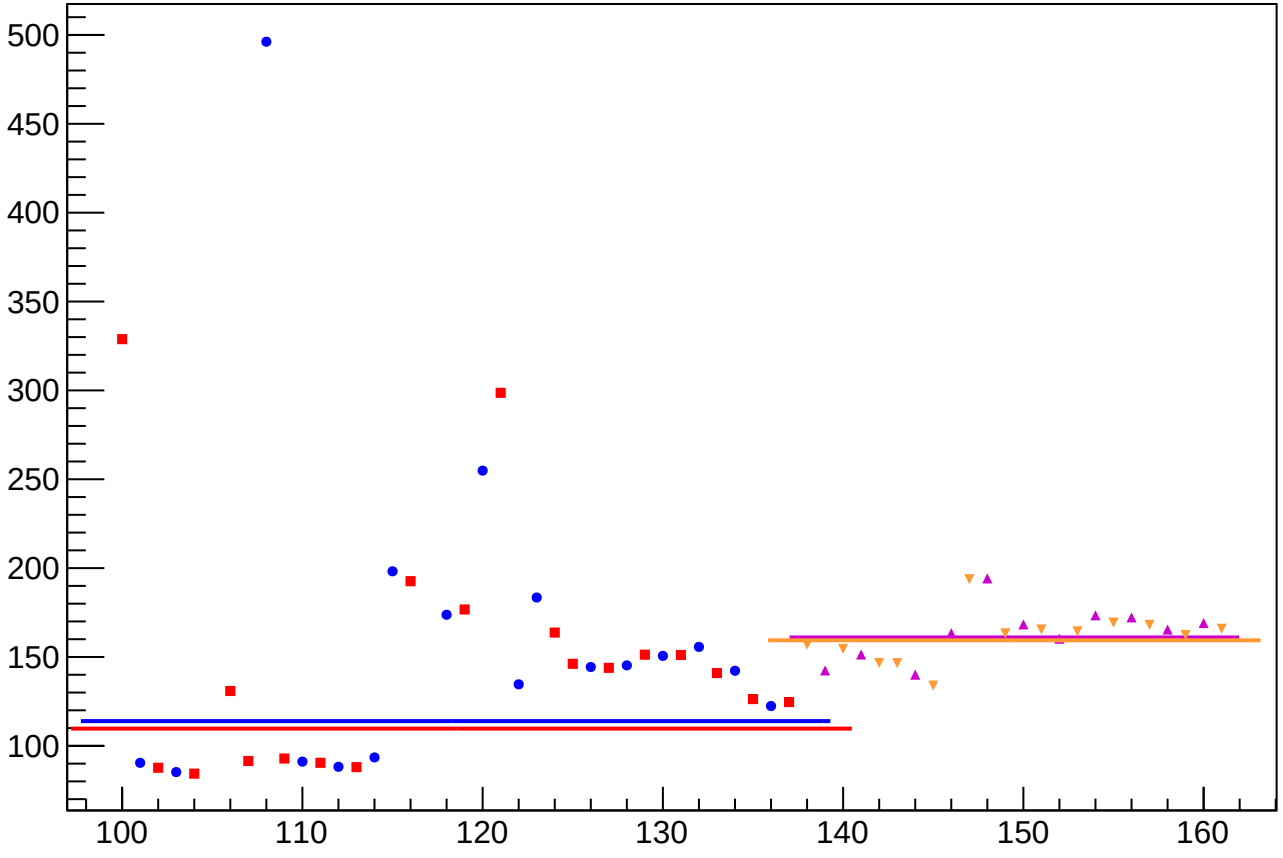
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 86.104+/-35.137 χ^2/NDF:23.8/27

Out: 126.975+/-33.105 χ^2/NDF:33.0/31

All: 107.756+/-24.095 χ^2/NDF: 57.5/59

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 159.381+/-0.036 χ^2/NDF:139145.4/12

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 161.007+/-0.038 χ^2/NDF:143258.9/10

Left: 160.157+/-0.026 χ^2/NDF: 283362.0/23

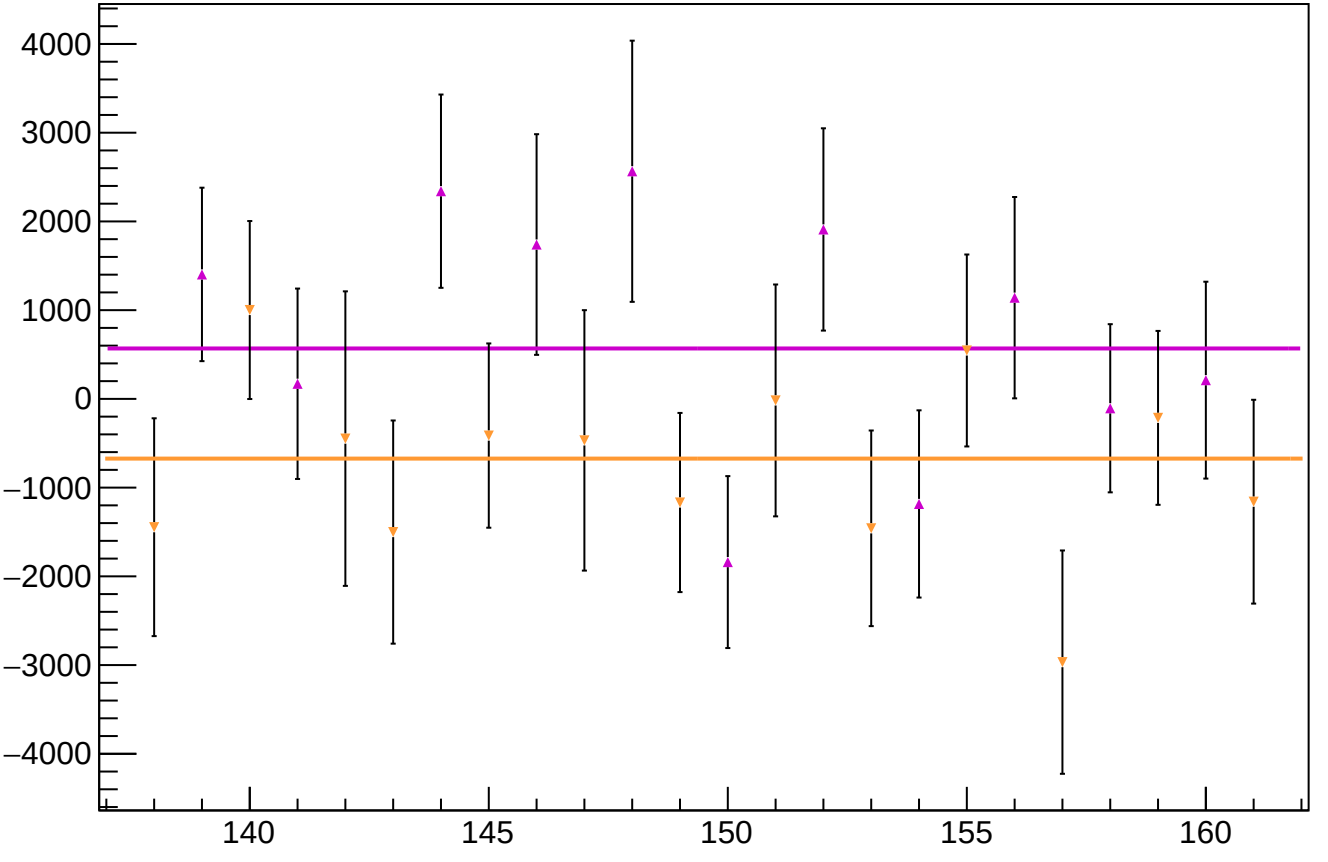
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 134.063+/-0.025 χ^2/NDF:2429806.5/27

Out: 130.371+/-0.023 χ^2/NDF:2475025.6/31

All: 132.107+/-0.017 χ^2/NDF: 4916527.1/59

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -672.976+/-320.749 χ^2/NDF:9.7/12

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

Left In: 568.179+/-327.869 χ^2/NDF:17.4/10

Left: -66.021+/-229.280 χ^2/NDF: 34.5/23

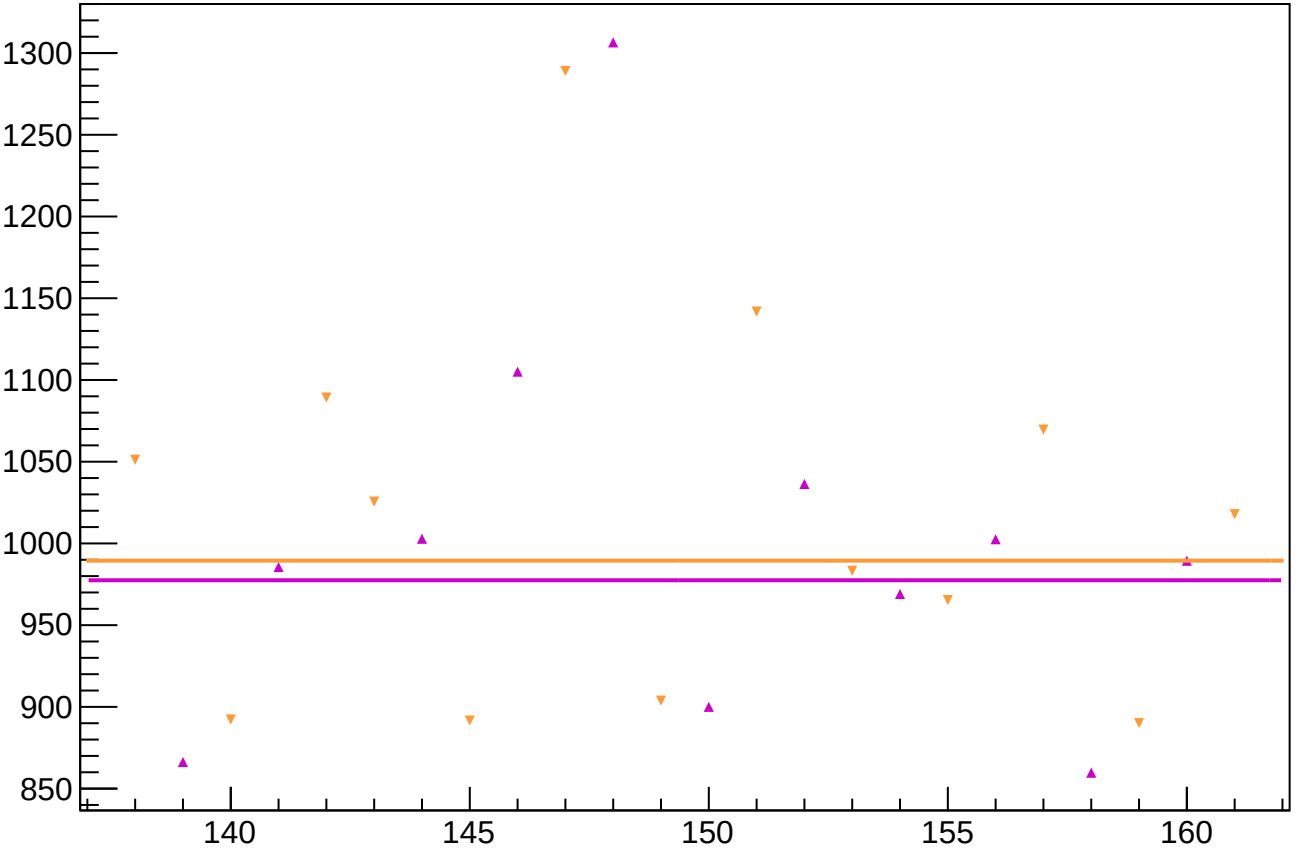
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 568.179+/-327.869 χ^2/NDF:17.4/10

Out: -672.976+/-320.749 χ^2/NDF:9.7/12

All: -66.021+/-229.280 χ^2/NDF: 34.5/23

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 989.462+/-0.227 χ^2/NDF:206358.6/12

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

Left In: 977.464+/-0.232 χ^2/NDF:198443.1/10

Left: 983.594+/-0.162 χ^2/NDF: 406170.2/23

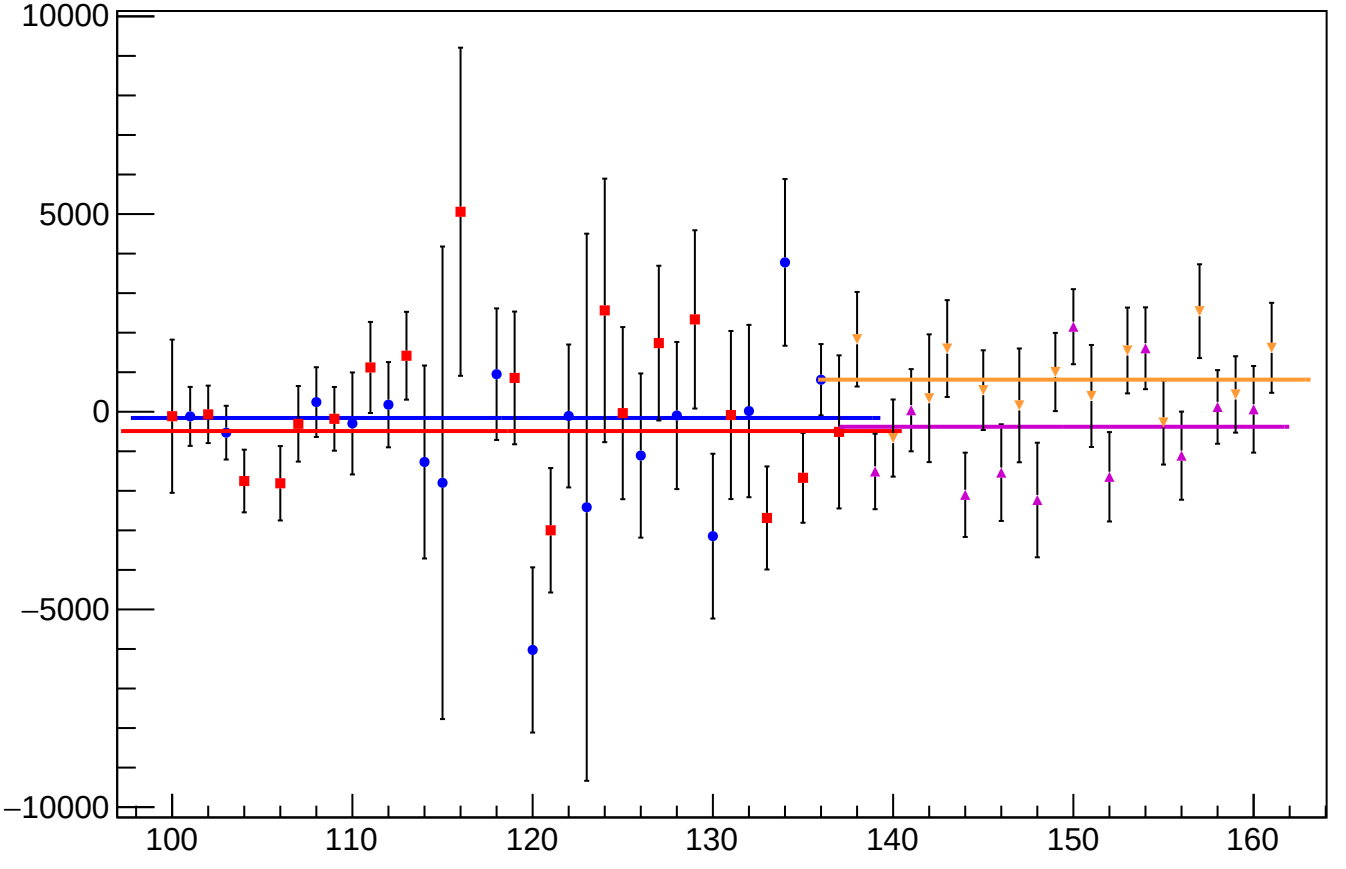
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 977.464+/-0.232 χ^2/NDF:198443.1/10

Out: 989.462+/-0.227 χ^2/NDF:206358.6/12

All: 983.594+/-0.162 χ^2/NDF: 406170.2/23

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 812.000+/-313.498 χ^2/NDF:8.2/12

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -379.768+/-321.653 χ^2/NDF:19.6/10

Left: 231.415+/-224.504 χ^2/NDF: 34.9/23

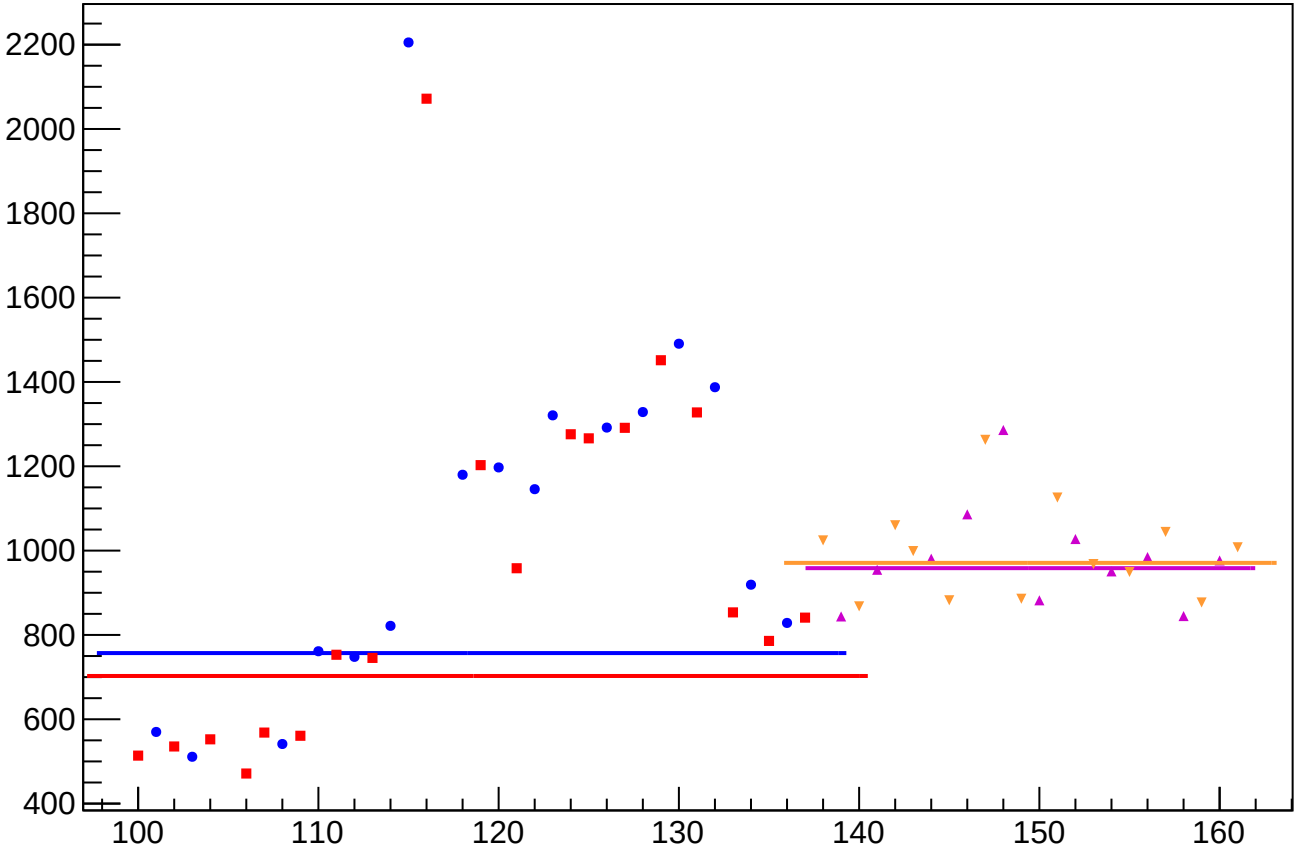
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -265.261+/-224.137 χ^2/NDF:36.1/27

Out: 94.835+/-209.969 χ^2/NDF:40.3/31

All: -73.473+/-153.235 χ^2/NDF: 77.8/59

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 970.932+/-0.222 χ^2/NDF:204350.8/12

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 958.383+/-0.227 χ^2/NDF:205743.5/10

Left: 964.818+/-0.159 χ^2/NDF: 411655.4/23

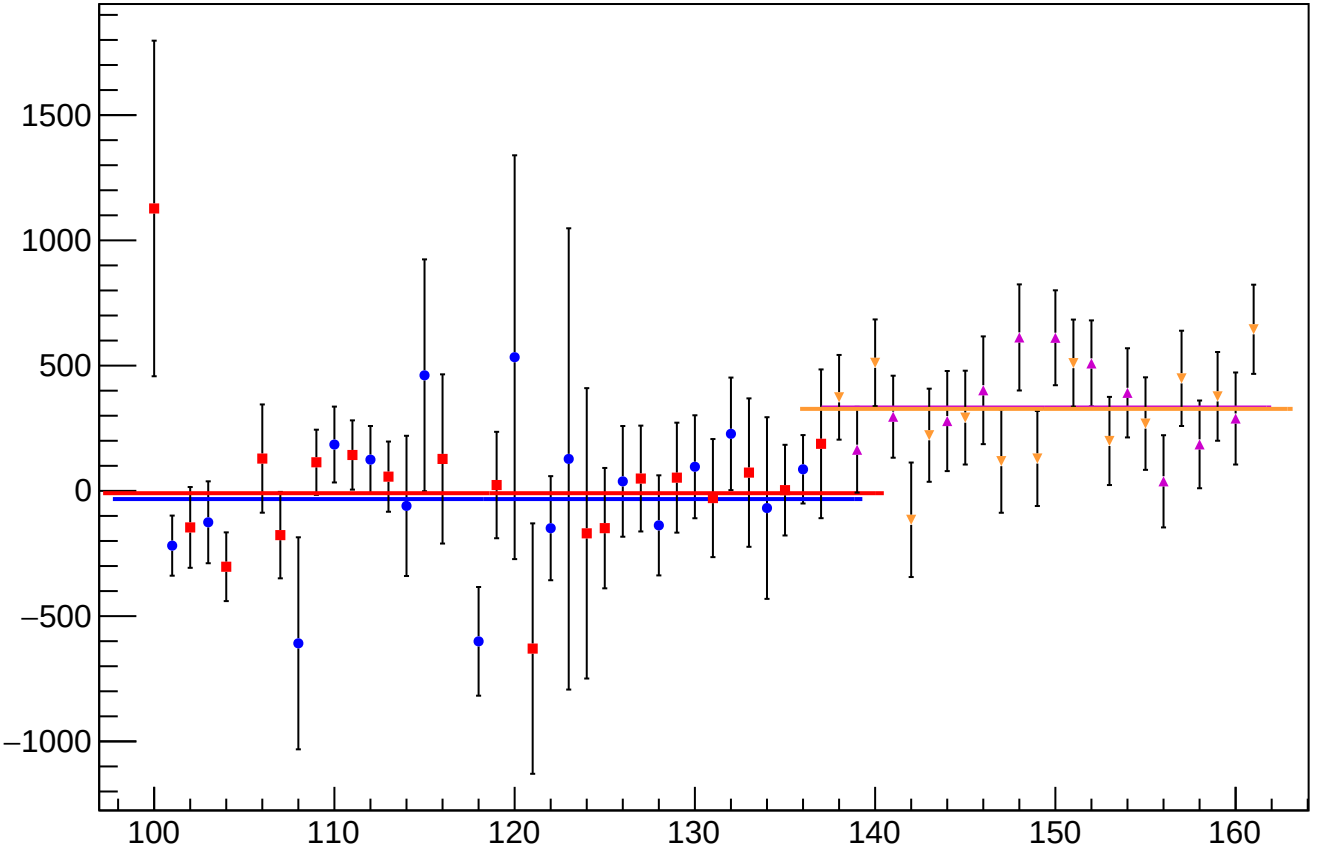
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 854.777+/-0.158 χ^2/NDF:2320388.9/27

Out: 823.000+/-0.148 χ^2/NDF:2701544.2/31

All: 837.853+/-0.108 χ^2/NDF: 5043344.8/59

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 327.326+/-51.160 χ^2/NDF:12.8/12

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 332.800+/-55.430 χ^2/NDF:9.6/10

Left: 329.844+/-37.595 χ^2/NDF: 22.4/23

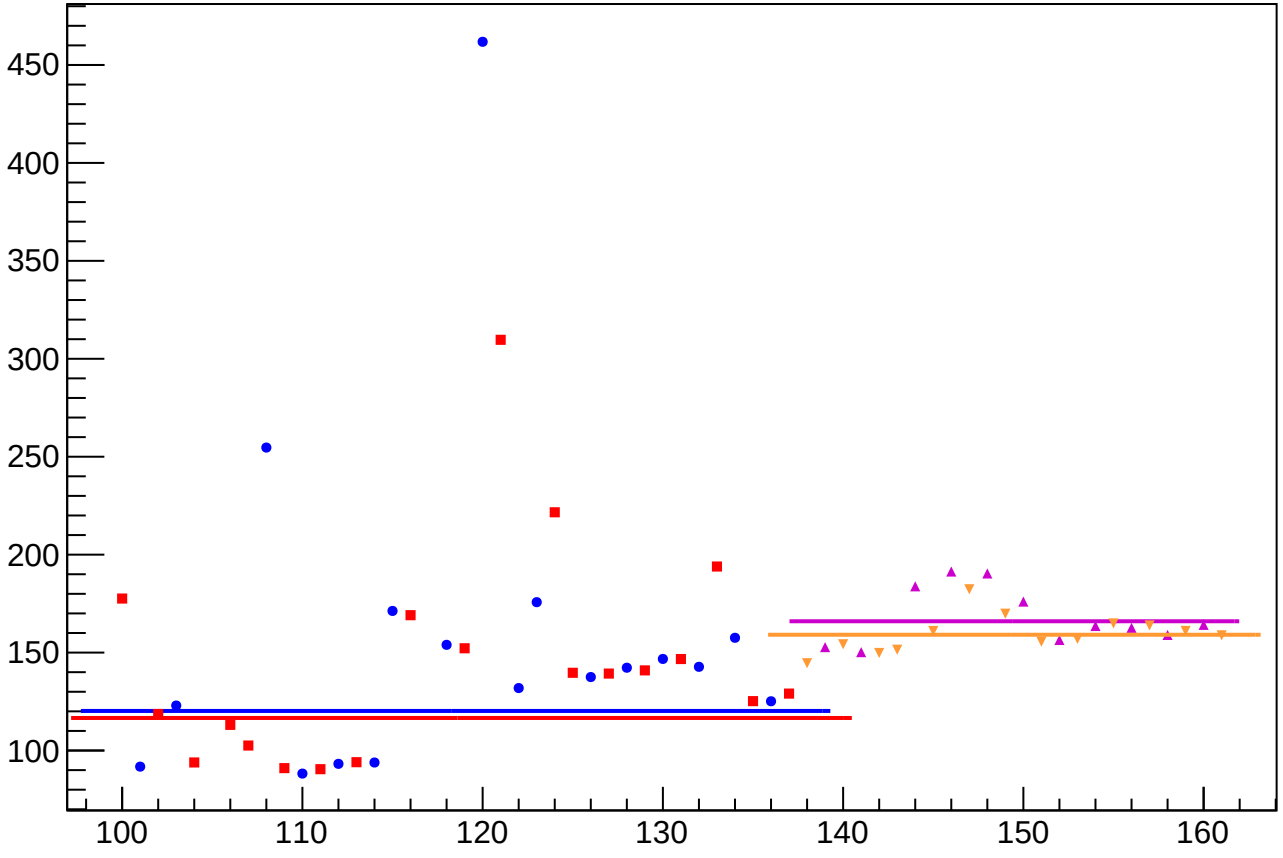
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 125.534+/-36.471 χ^2/NDF:54.0/27

Out: 139.746+/-34.040 χ^2/NDF:51.7/31

All: 133.129+/-24.885 χ^2/NDF: 105.7/59

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 159.106+/-0.036 χ^2/NDF:59629.1/12

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 165.996+/-0.039 χ^2/NDF:117097.1/10

Left: 162.275+/-0.027 χ^2/NDF: 193409.9/23

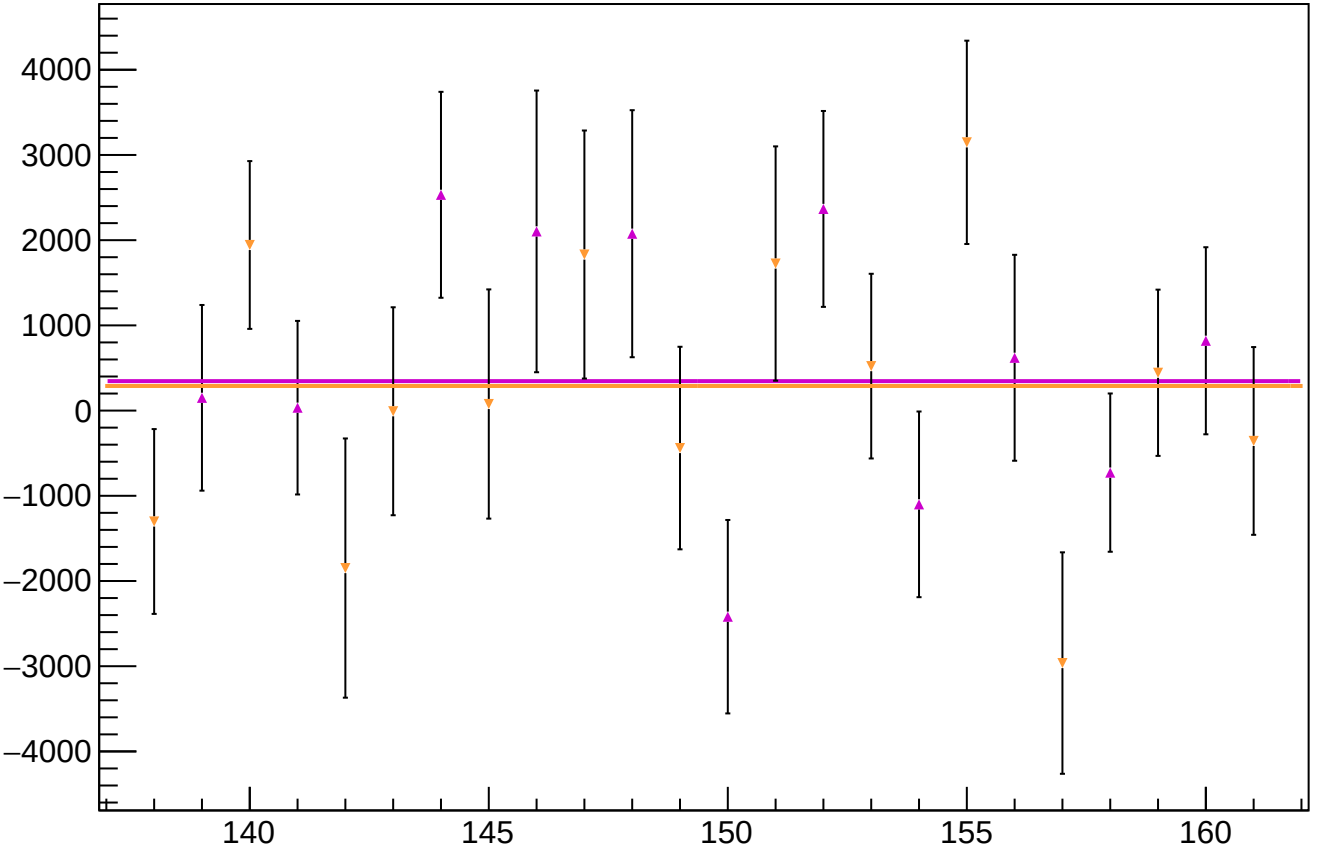
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 140.029+/-0.026 χ^2/NDF:1953359.7/27

Out: 135.429+/-0.024 χ^2/NDF:1826327.6/31

All: 137.571+/-0.018 χ^2/NDF: 3796696.6/59

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 288.846+/-328.495 χ^2/NDF:22.0/12

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

Left In: 345.773+/-345.406 χ^2/NDF:18.3/10

Left: 315.882+/-238.035 χ^2/NDF: 40.4/23

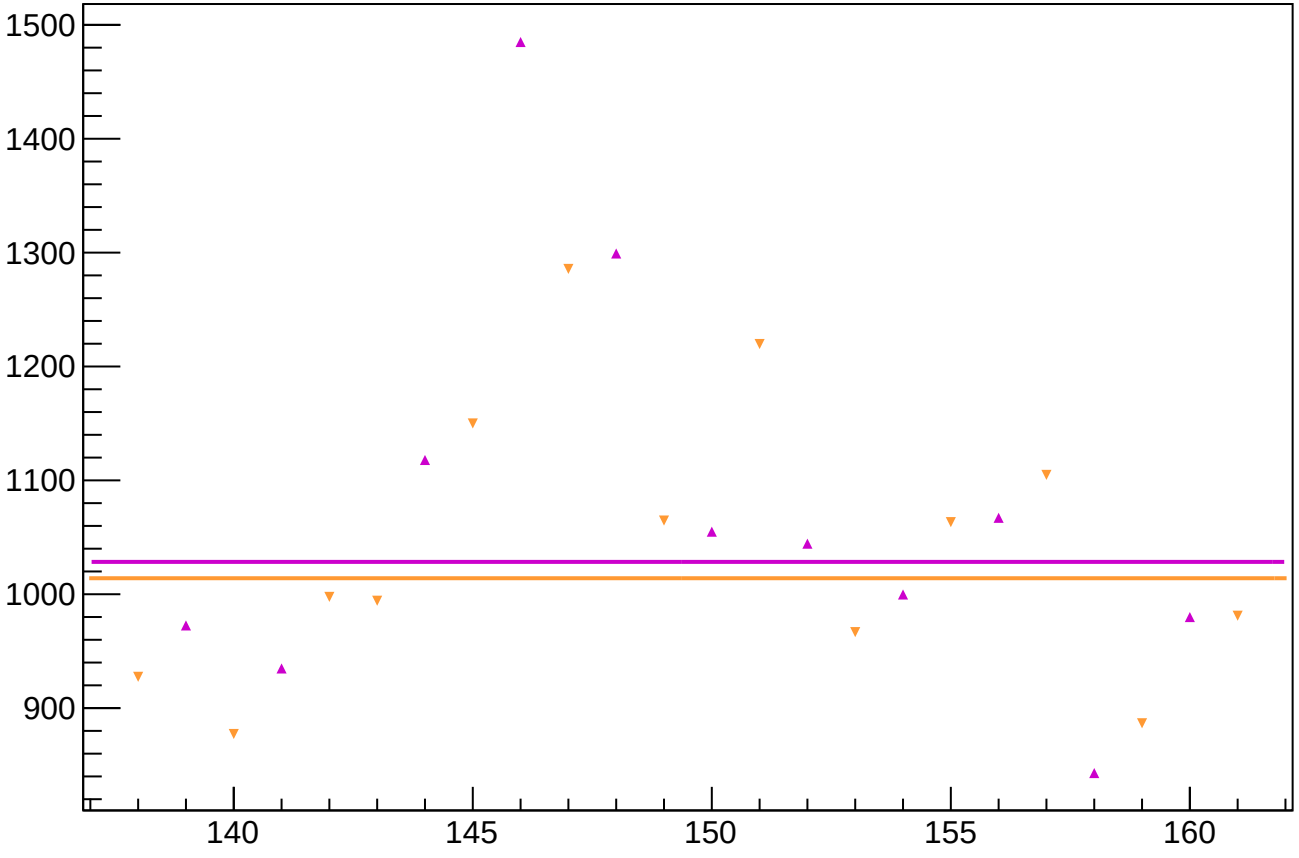
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 345.773+/-345.406 χ^2/NDF:18.3/10

Out: 288.846+/-328.495 χ^2/NDF:22.0/12

All: 315.882+/-238.035 χ^2/NDF: 40.4/23

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1014.055+/-0.232 χ^2/NDF:243404.2/12

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

Left In: 1028.410+/-0.244 χ^2/NDF:344007.9/10

Left: 1020.872+/-0.168 χ^2/NDF: 589226.0/23

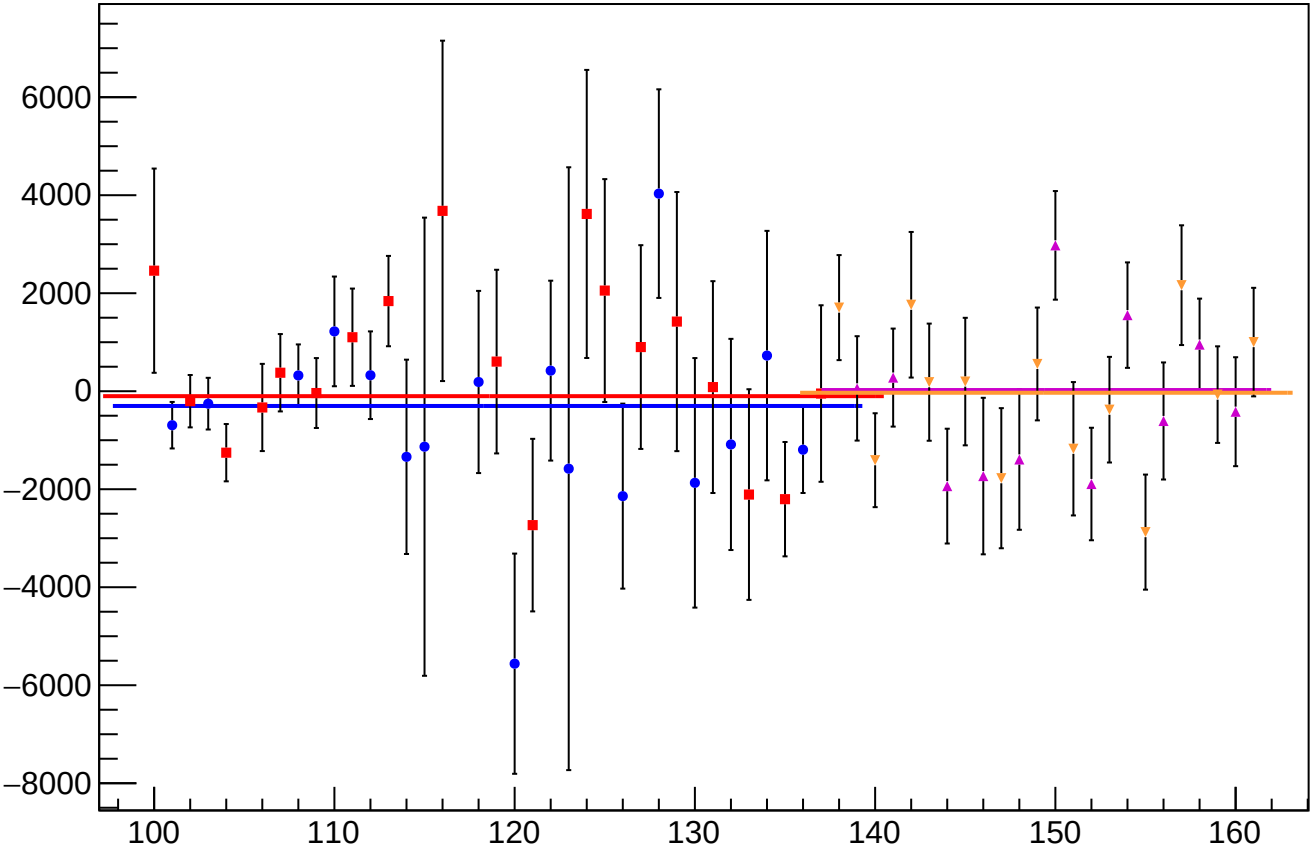
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1028.410+/-0.244 χ^2/NDF:344007.9/10

Out: 1014.055+/-0.232 χ^2/NDF:243404.2/12

All: 1020.872+/-0.168 χ^2/NDF: 589226.0/23

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -31.408+/-322.960 χ^2/NDF:18.7/12

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: 24.075+/-341.591 χ^2/NDF:18.4/10

Left: -5.221+/-234.677 χ^2/NDF: 37.1/23

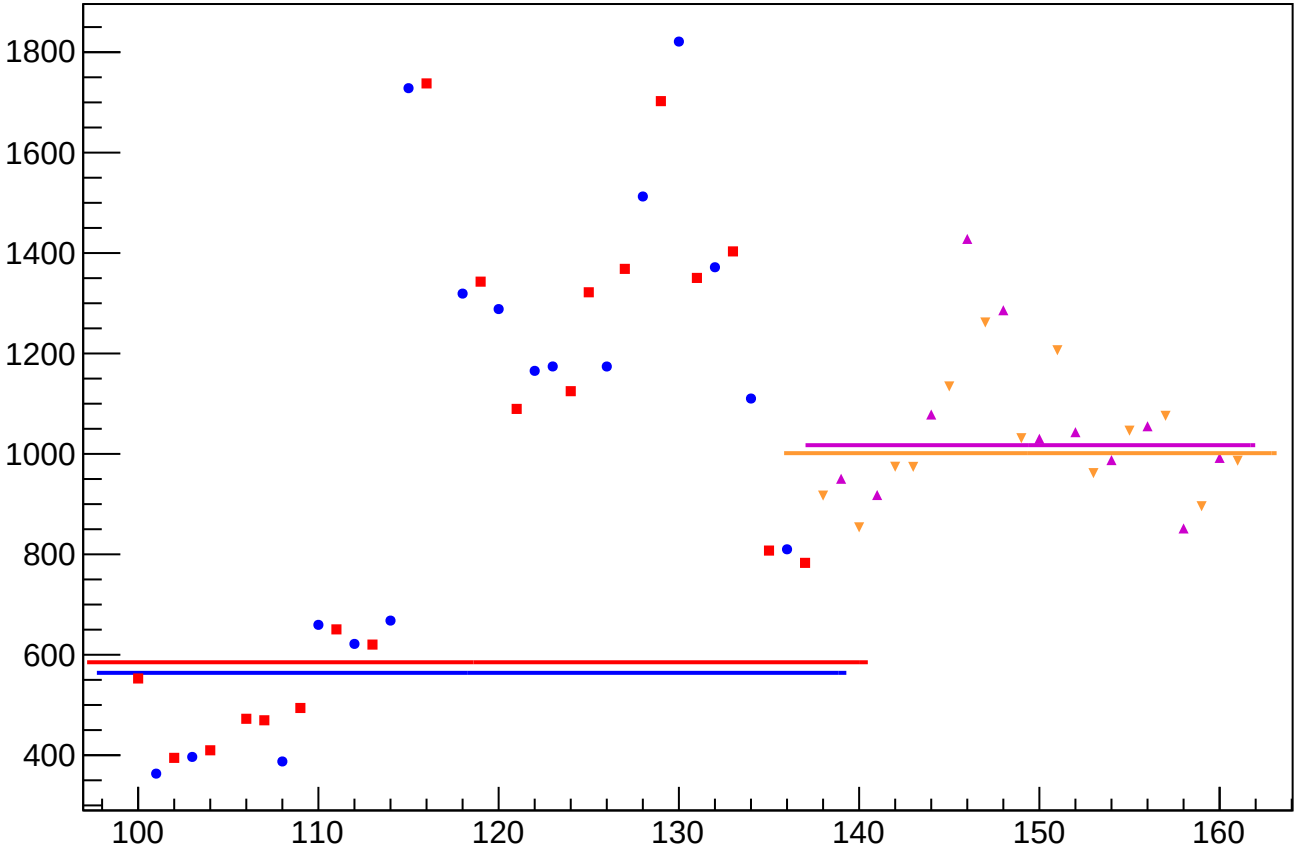
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -187.588+/-201.764 χ^2/NDF:35.8/27

Out: -75.360+/-195.686 χ^2/NDF:41.3/31

All: -129.758+/-140.470 χ^2/NDF: 77.3/59

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1001.485+/-0.228 χ^2/NDF:231939.3/12

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1017.371+/-0.242 χ^2/NDF:303768.8/10

Left: 1008.983+/-0.166 χ^2/NDF: 537992.1/23

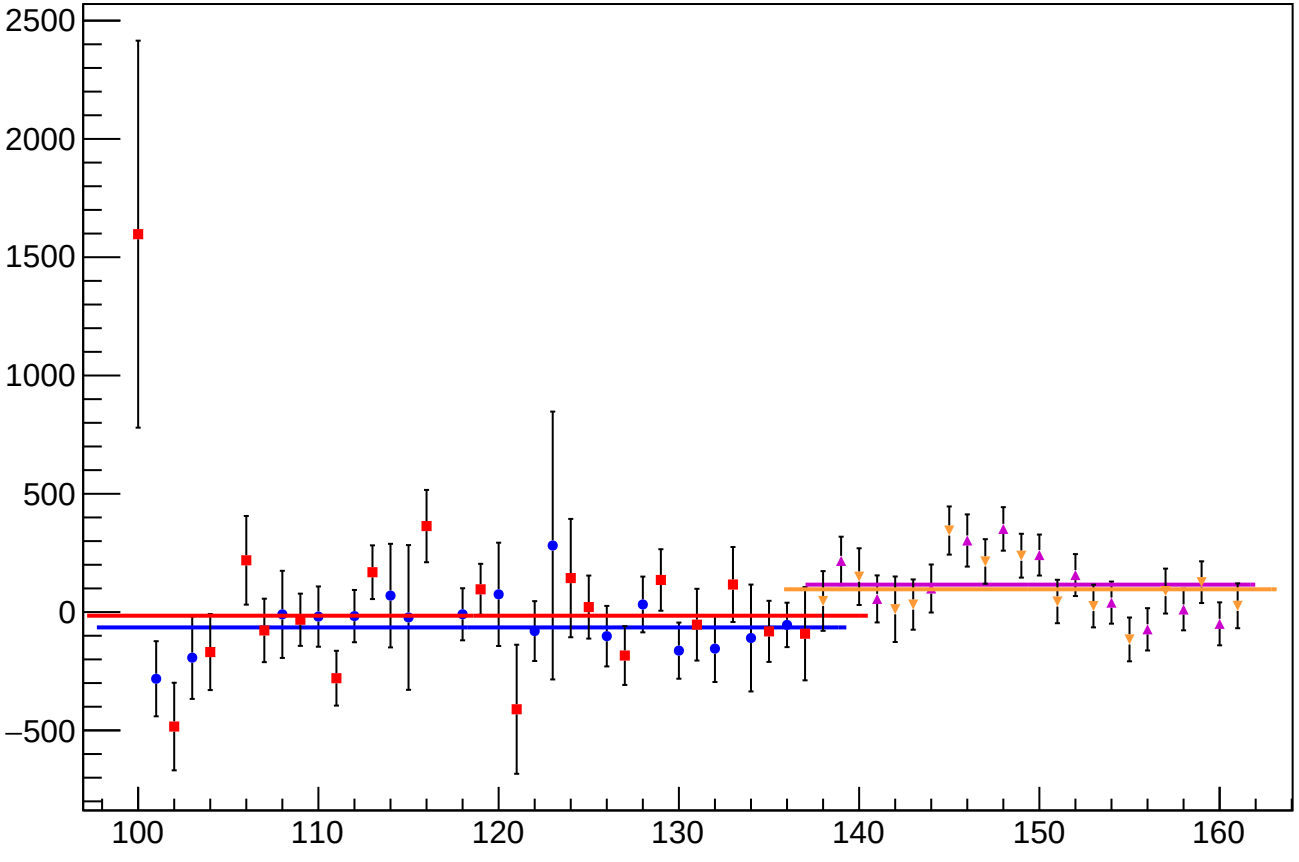
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 722.174+/-0.143 χ^2/NDF:5859190.3/27

Out: 737.948+/-0.138 χ^2/NDF:5157037.6/31

All: 730.302+/-0.099 χ^2/NDF: 11022526.5/59

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 96.306+/-27.647 χ^2/NDF:17.8/12

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 116.014+/-28.214 χ^2/NDF:23.0/10

Left: 105.961+/-19.747 χ^2/NDF: 41.1/23

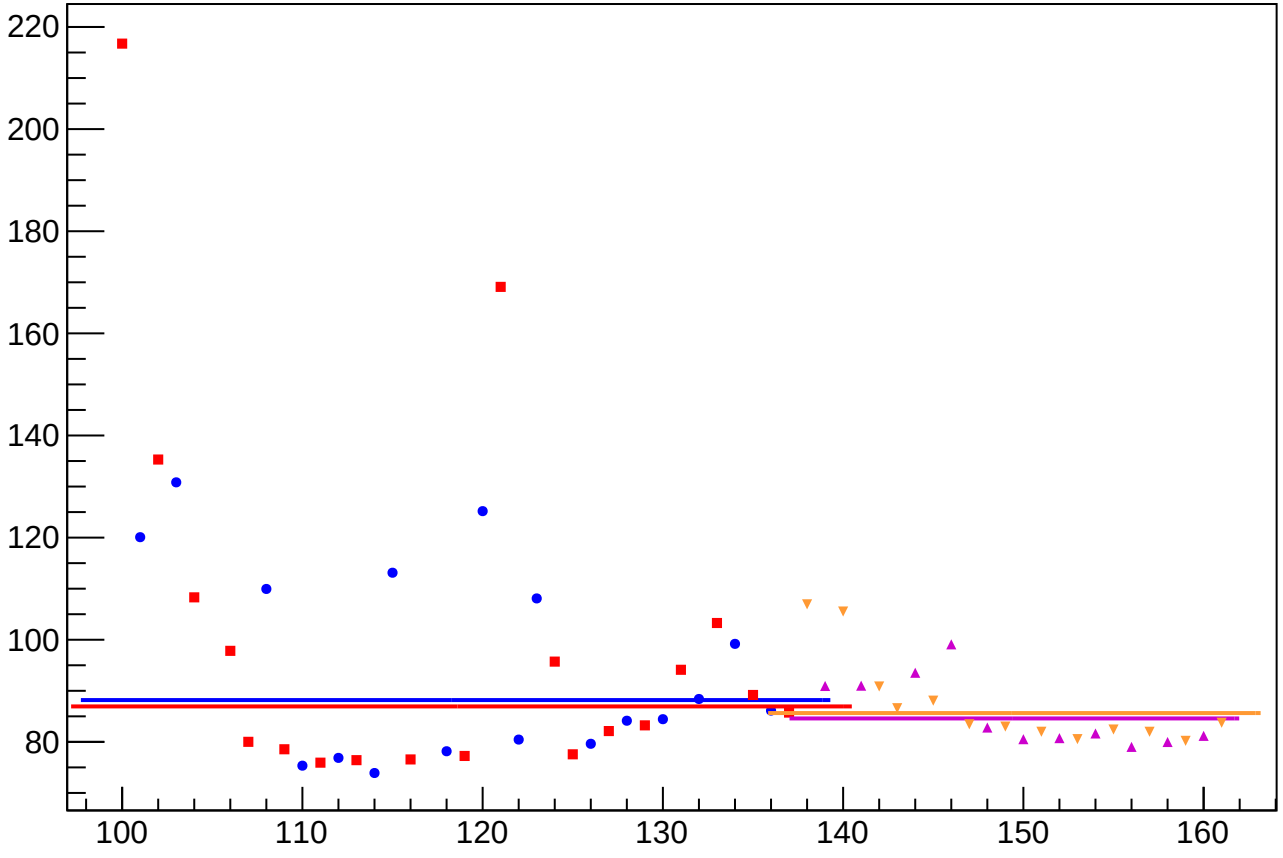
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 43.877+/-21.873 χ^2/NDF:45.6/27

Out: 50.965+/-21.303 χ^2/NDF:59.4/31

All: 47.515+/-15.261 χ^2/NDF: 105.0/59

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 85.643+/-0.020 χ^2/NDF:142219.5/12

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 84.588+/-0.020 χ^2/NDF:93376.6/10

Left: 85.126+/-0.014 χ^2/NDF: 237022.1/23

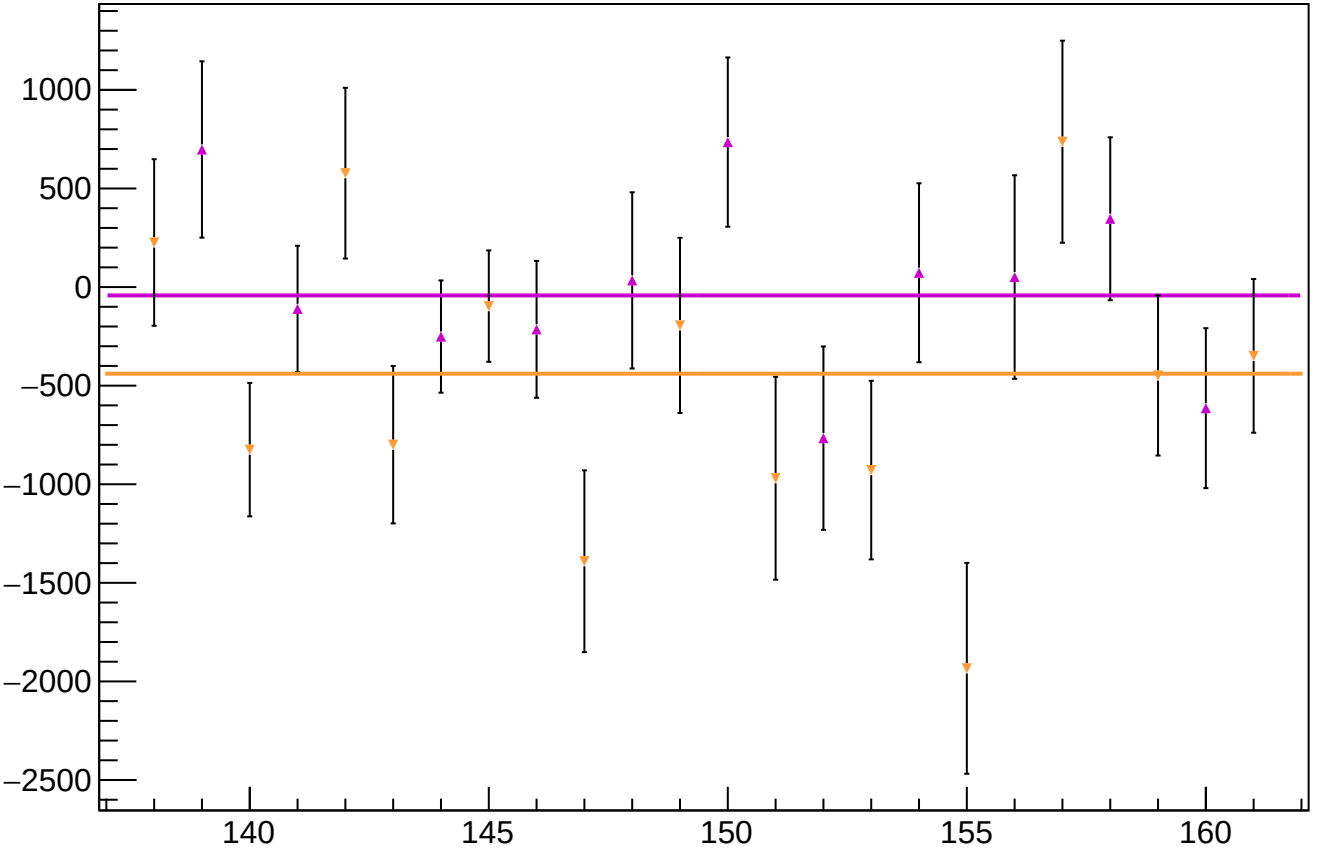
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 86.023+/-0.015 χ^2/NDF:500803.7/27

Out: 86.171+/-0.015 χ^2/NDF:675376.9/31

All: 86.099+/-0.011 χ^2/NDF: 1176227.3/59

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -439.346+/-114.057 χ^2/NDF:31.5/12

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

Left In: -42.423+/-118.671 χ^2/NDF:12.3/10

Left: -248.751+/-82.233 χ^2/NDF: 49.6/23

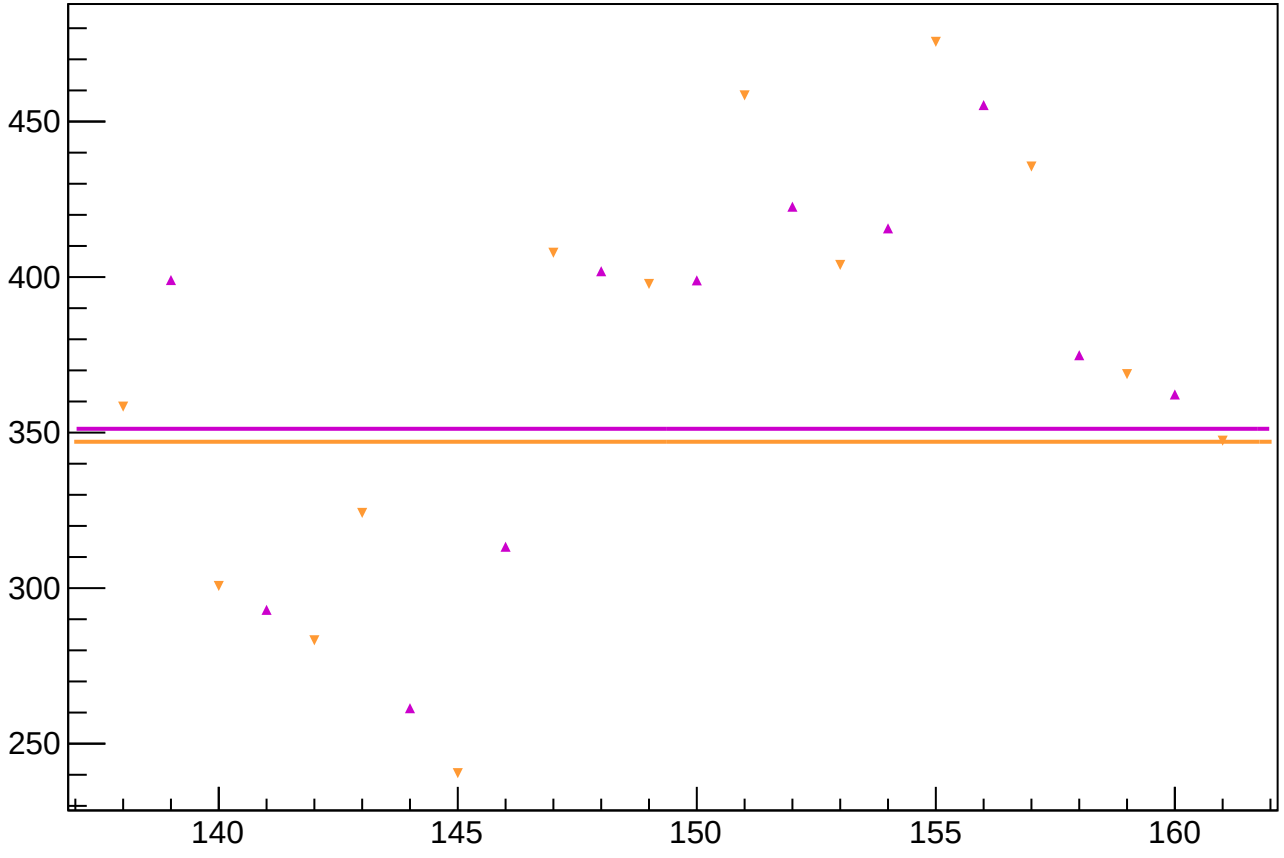
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -42.423+/-118.671 χ^2/NDF:12.3/10

Out: -439.346+/-114.057 χ^2/NDF:31.5/12

All: -248.751+/-82.233 χ^2/NDF: 49.6/23

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 347.058+/-0.081 χ^2/NDF:740385.4/12

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

Left In: 351.224+/-0.084 χ^2/NDF:539286.0/10

Left: 349.058+/-0.058 χ^2/NDF: 1280952.1/23

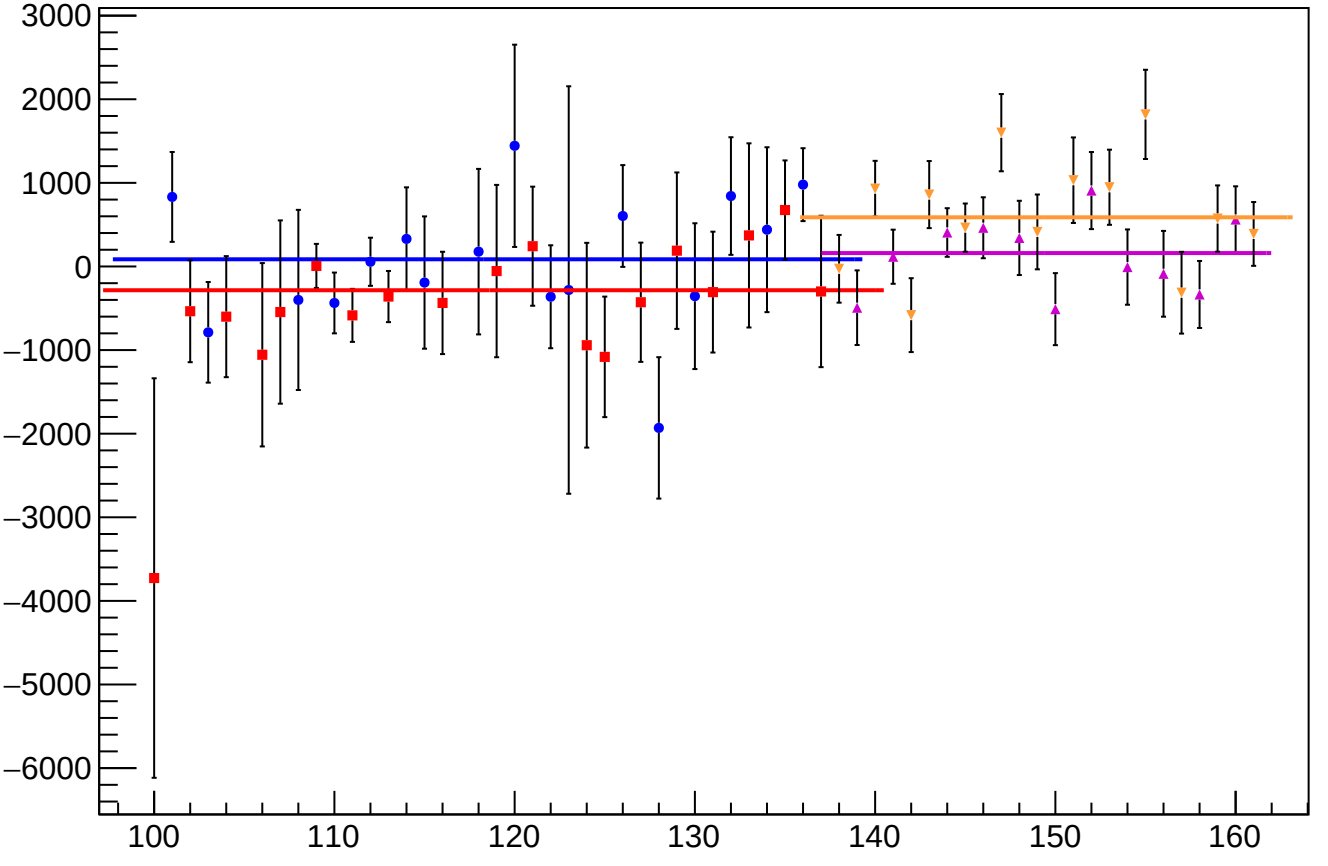
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 351.224+/-0.084 χ^2/NDF:539286.0/10

Out: 347.058+/-0.081 χ^2/NDF:740385.4/12

All: 349.058+/-0.058 χ^2/NDF: 1280952.1/23

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 587.937+/-113.315 χ^2/NDF:26.4/12

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 160.365+/-119.192 χ^2/NDF:11.7/10

Left: 384.952+/-82.125 χ^2/NDF: 44.8/23

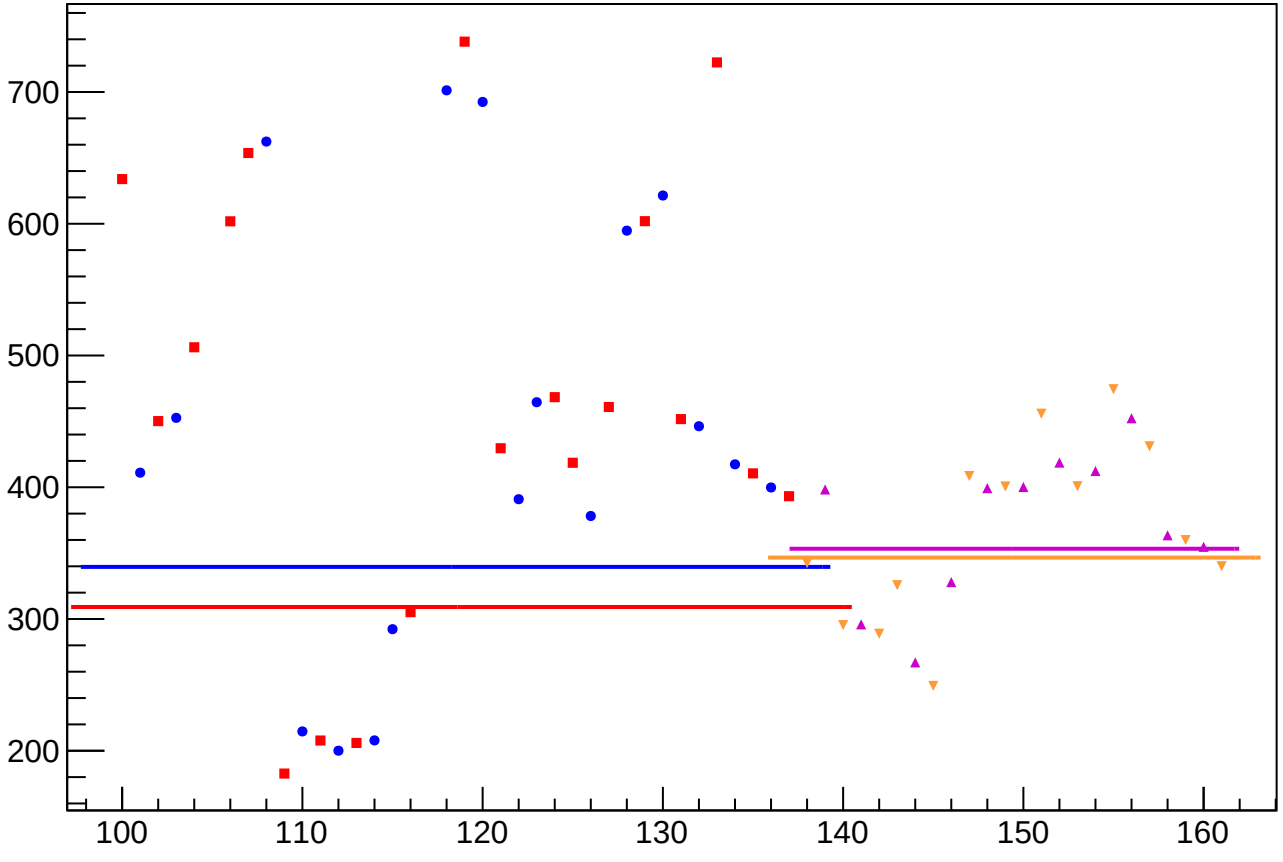
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 129.701+/-91.453 χ^2/NDF:32.4/27

Out: 209.962+/-85.306 χ^2/NDF:62.7/31

All: 172.620+/-62.380 χ^2/NDF: 95.5/59

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 346.618+/-0.080 χ^2/NDF:677725.0/12

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 353.333+/-0.084 χ^2/NDF:464468.2/10

Left: 349.806+/-0.058 χ^2/NDF: 1145527.8/23

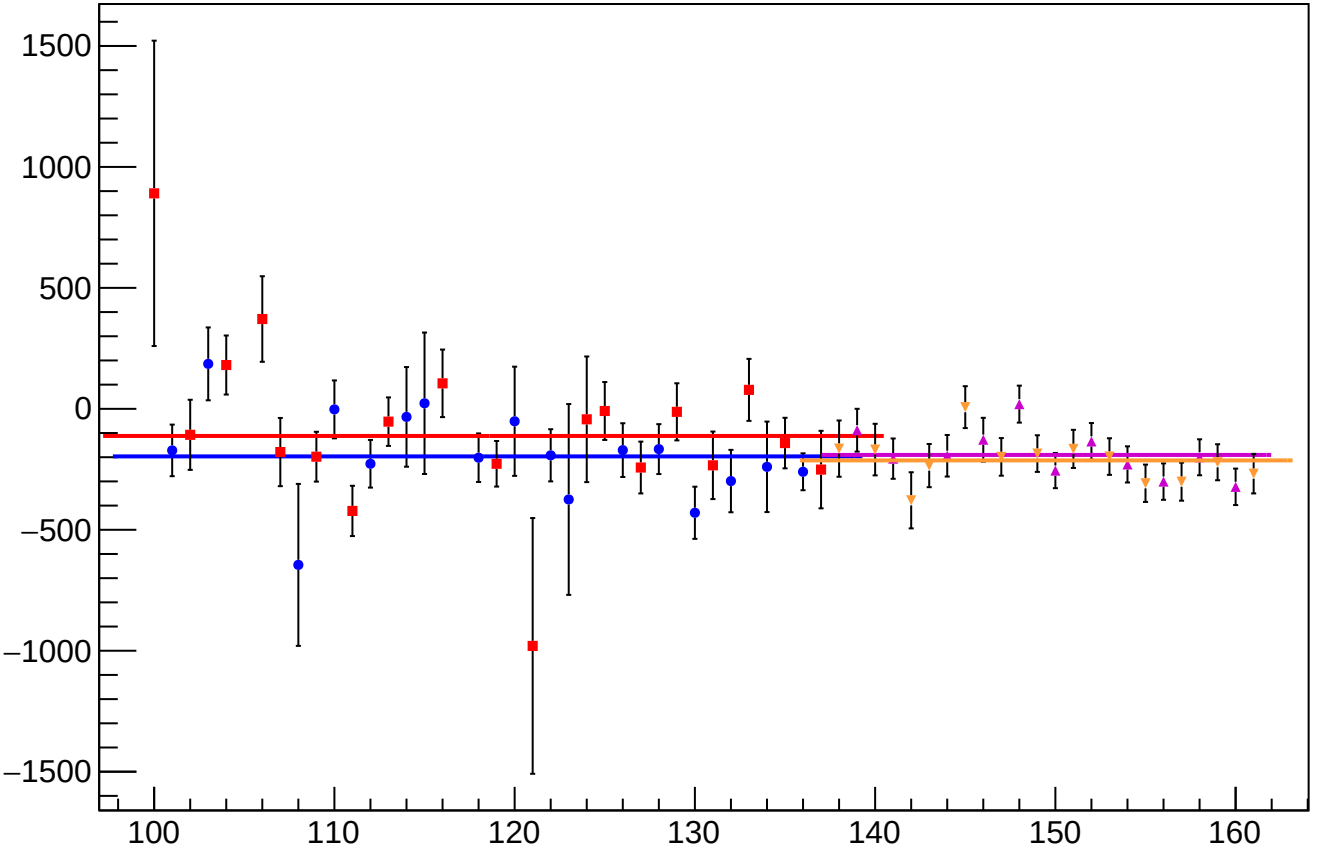
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 347.665+/-0.065 χ^2/NDF:2517708.1/27

Out: 330.365+/-0.060 χ^2/NDF:3503000.3/31

All: 338.414+/-0.044 χ^2/NDF: 6058980.5/59

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -213.185+/-23.373 χ^2/NDF:12.7/12

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -190.544+/-23.735 χ^2/NDF:16.2/10

Left: -202.038+/-16.654 χ^2/NDF: 29.4/23

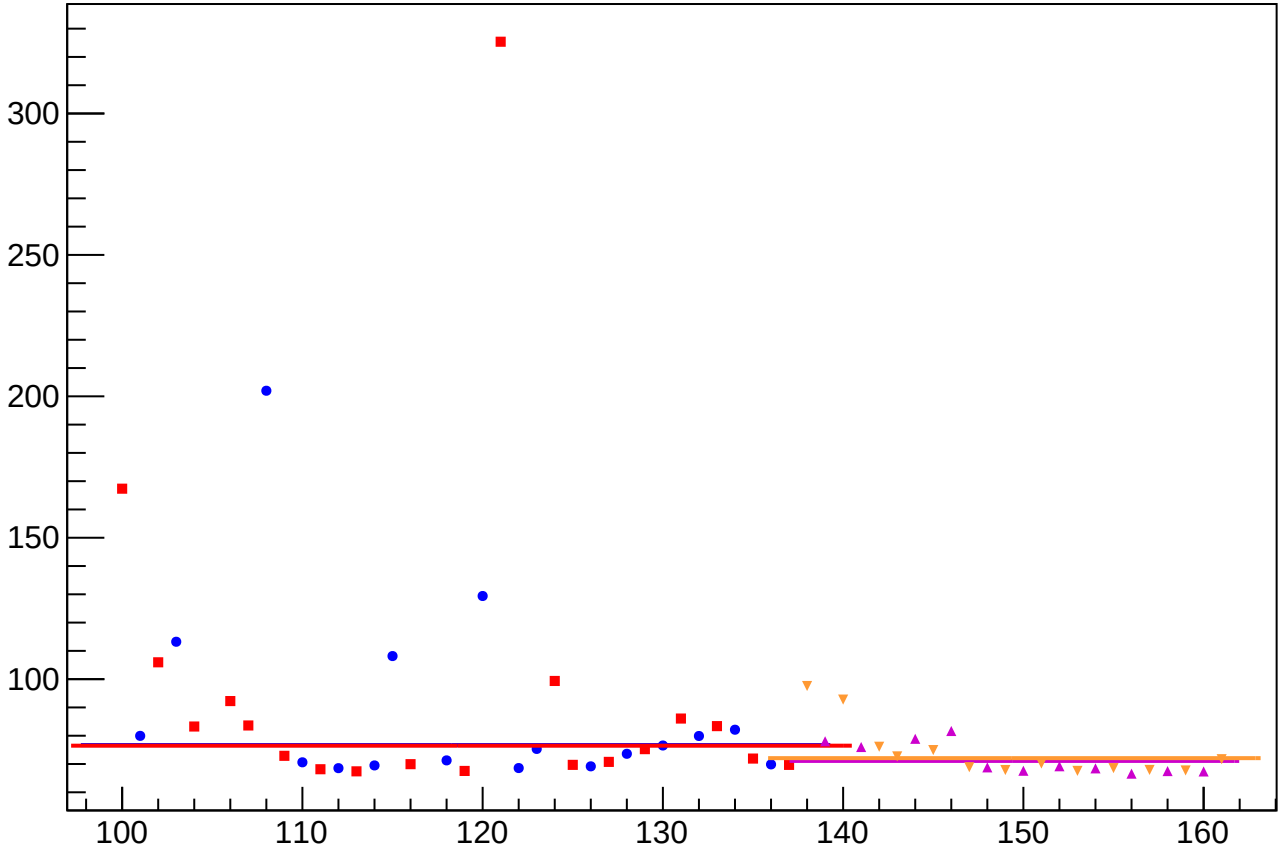
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -192.837+/-18.708 χ^2/NDF:35.3/27

Out: -174.397+/-18.349 χ^2/NDF:59.2/31

All: -183.439+/-13.100 χ^2/NDF: 95.0/59

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 72.072+/-0.017 χ^2/NDF:210660.6/12

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 71.094+/-0.017 χ^2/NDF:89961.8/10

Left: 71.590+/-0.012 χ^2/NDF: 302345.1/23

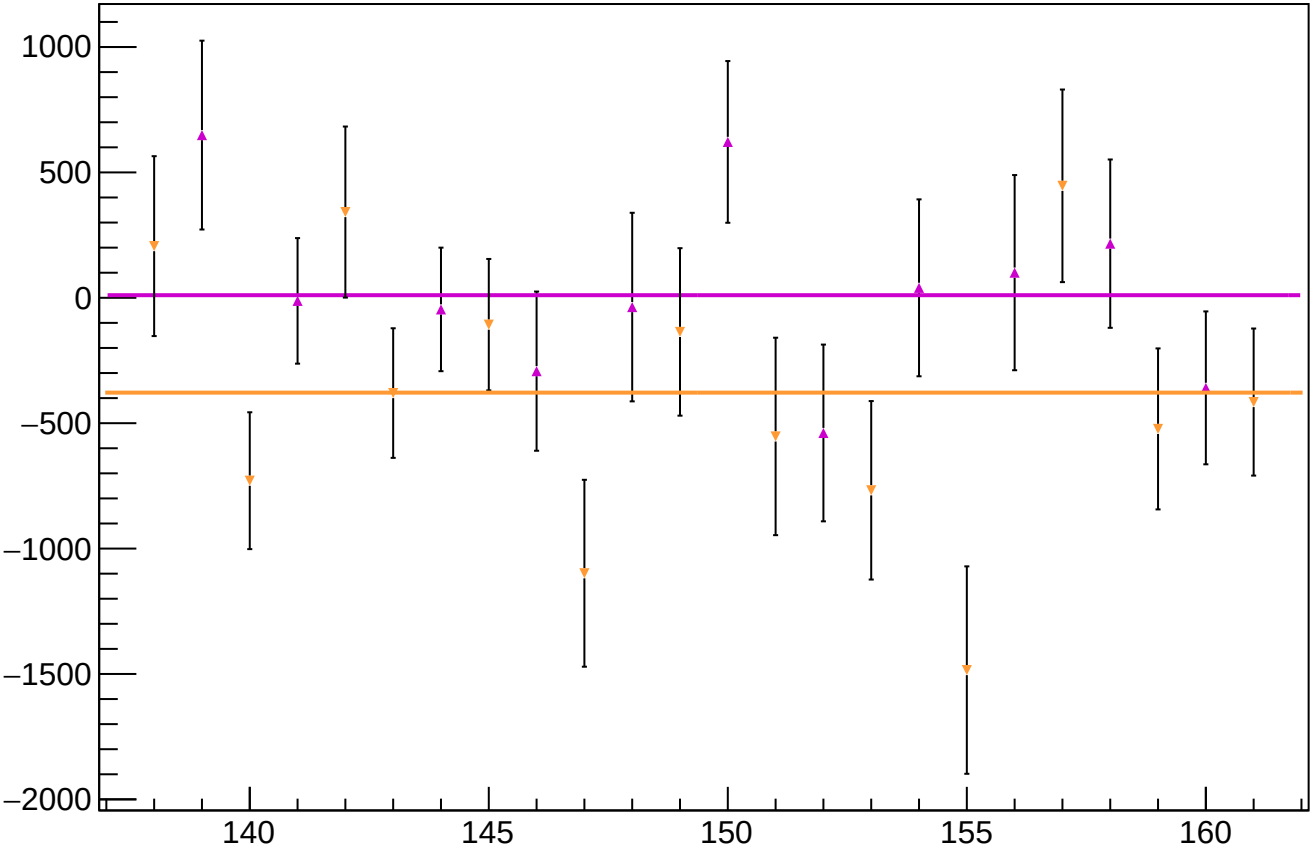
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 73.214+/-0.013 χ^2/NDF:732450.3/27

Out: 73.763+/-0.013 χ^2/NDF:937309.3/31

All: 73.494+/-0.009 χ^2/NDF: 1670636.1/59

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -378.123+/-89.866 χ^2/NDF:27.5/12

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

Left In: 10.403+/-96.028 χ^2/NDF:11.8/10

Left: -196.724+/-65.615 χ^2/NDF: 48.0/23

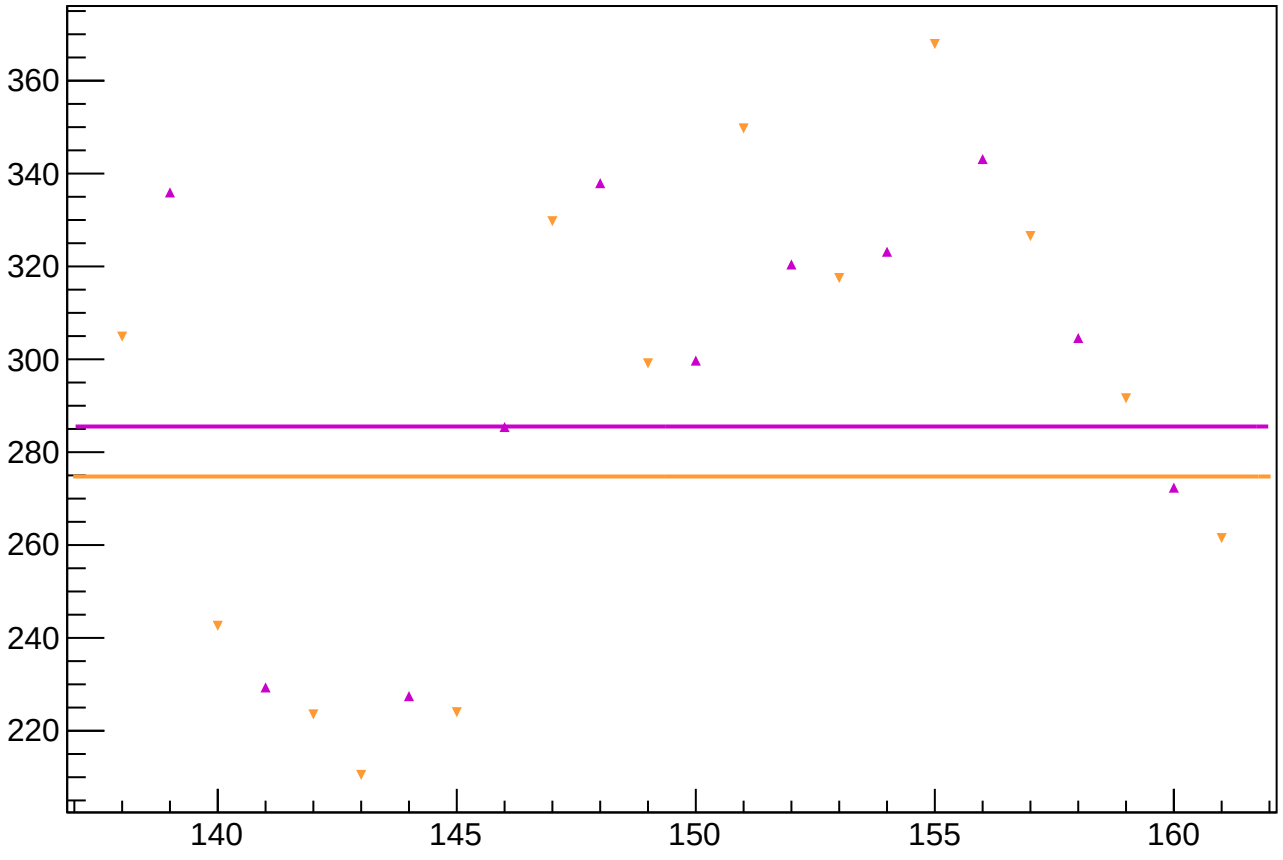
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.403+/-96.028 χ^2/NDF:11.8/10

Out: -378.123+/-89.866 χ^2/NDF:27.5/12

All: -196.724+/-65.615 χ^2/NDF: 48.0/23

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 274.762+/-0.064 χ^2/NDF:588768.5/12

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

Left In: 285.528+/-0.068 χ^2/NDF:386866.6/10

Left: 279.788+/-0.046 χ^2/NDF: 989039.0/23

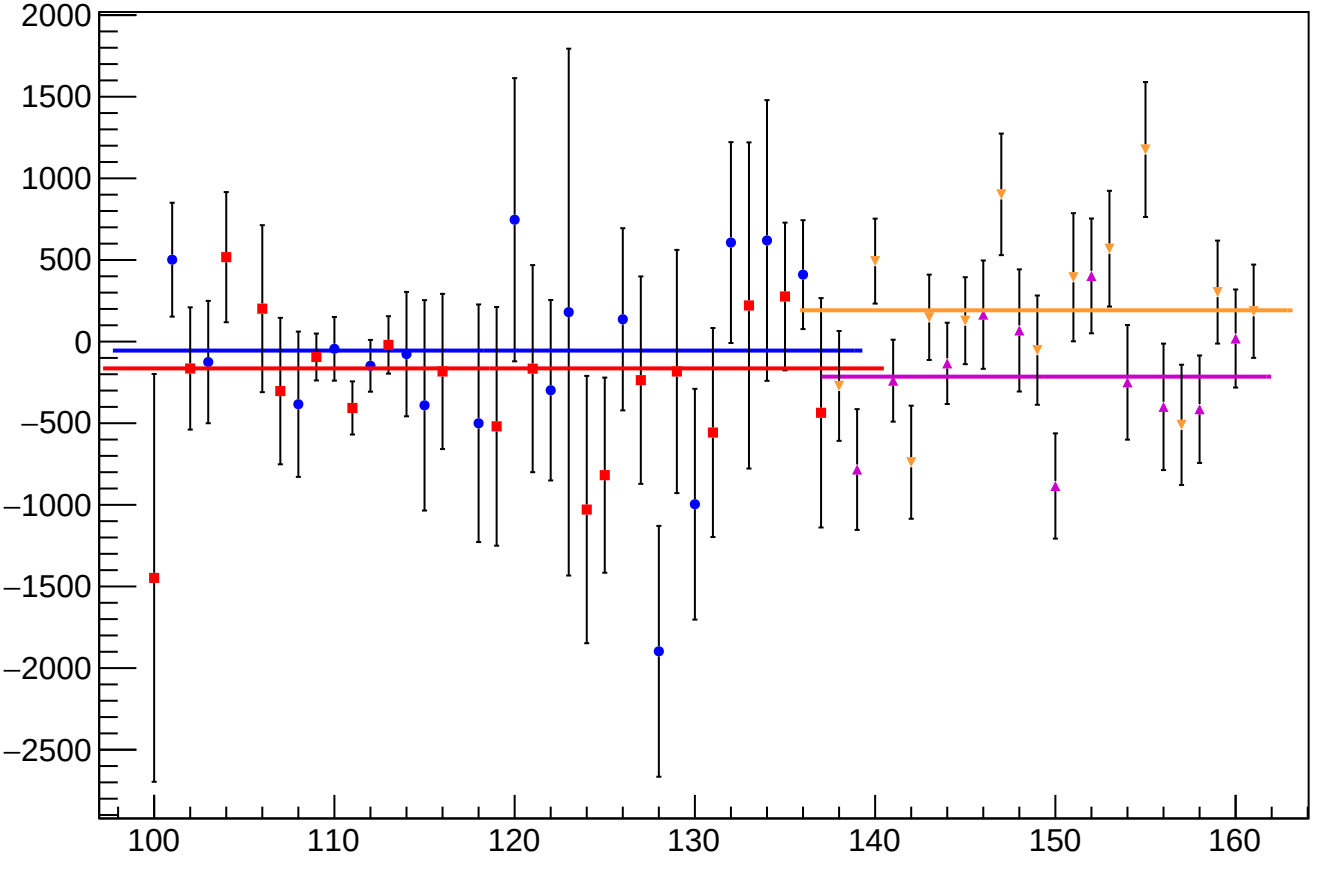
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 285.528+/-0.068 χ^2/NDF:386866.6/10

Out: 274.762+/-0.064 χ^2/NDF:588768.5/12

All: 279.788+/-0.046 χ^2/NDF: 989039.0/23

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 191.672+/-88.802 χ^2/NDF:25.5/12

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -214.592+/-96.069 χ^2/NDF:13.0/10

Left: 4.485+/-65.211 χ^2/NDF: 48.2/23

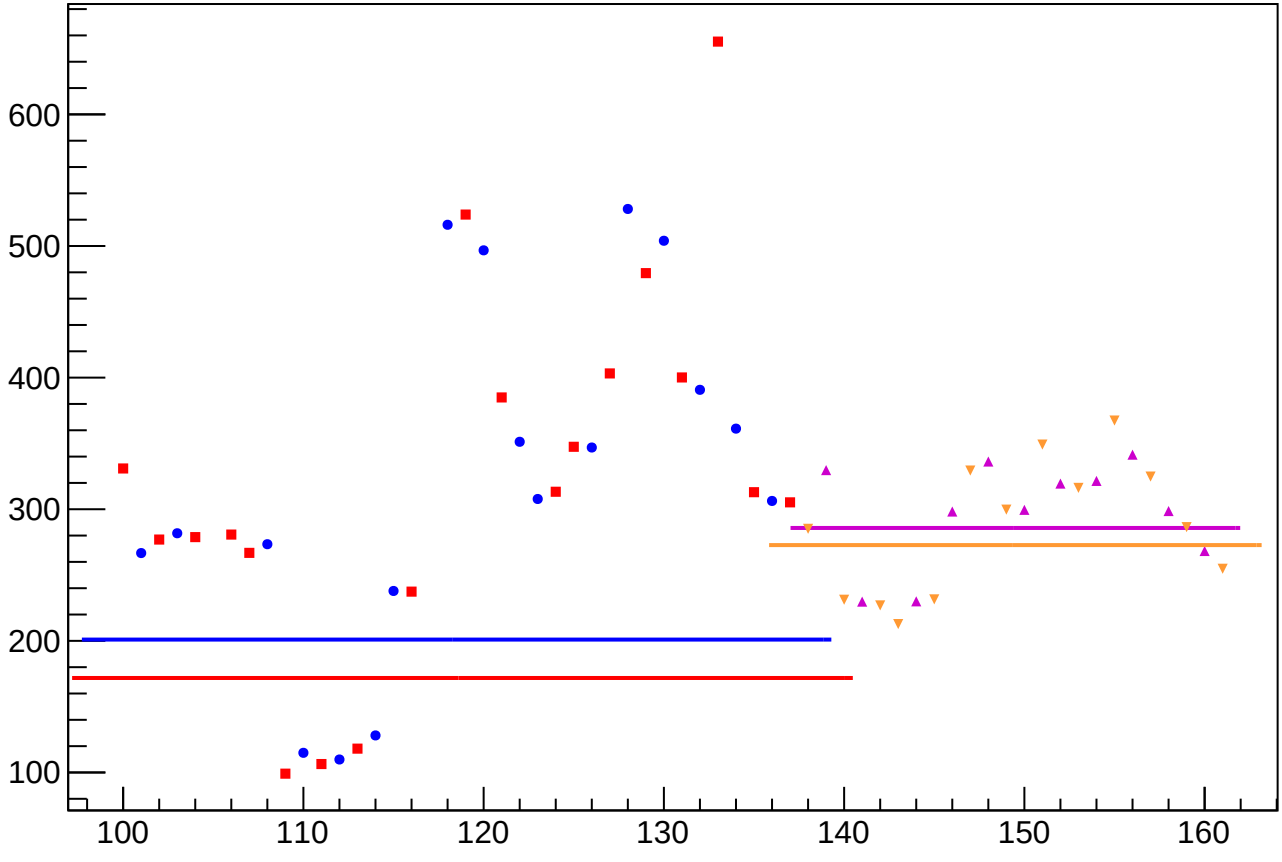
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -129.873+/-65.818 χ^2/NDF:31.0/27

Out: -11.654+/-58.134 χ^2/NDF:46.6/31

All: -63.463+/-43.572 χ^2/NDF: 79.4/59

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 272.760+/-0.063 χ^2/NDF:563635.4/12

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 285.777+/-0.068 χ^2/NDF:361104.7/10

Left: 278.758+/-0.046 χ^2/NDF: 944539.3/23

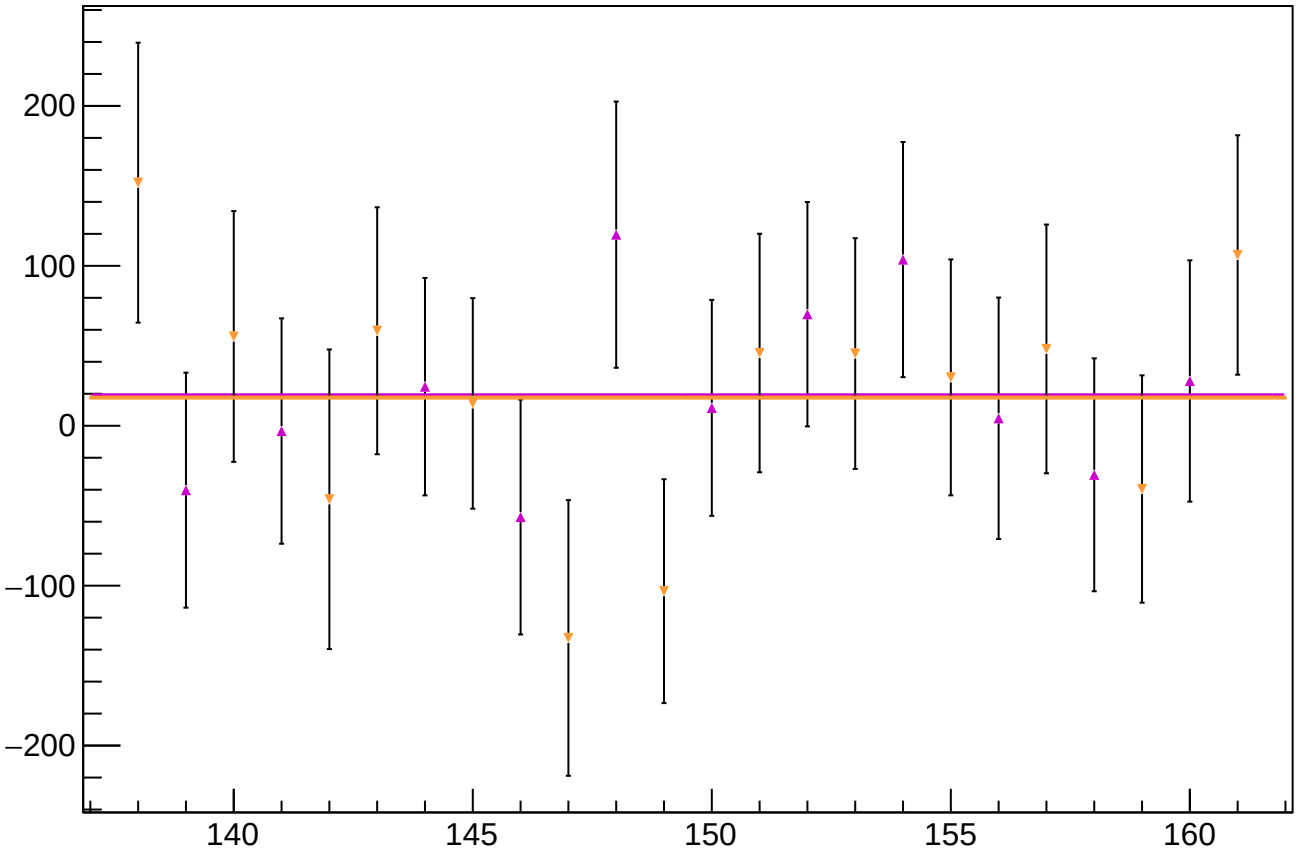
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 240.777+/-0.047 χ^2/NDF:4624250.9/27

Out: 215.064+/-0.041 χ^2/NDF:6133699.3/31

All: 226.332+/-0.031 χ^2/NDF: 10929421.2/59

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 17.610+/-21.122 χ^2/NDF:11.9/12

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

Left In: 19.071+/-21.928 χ^2/NDF:5.7/10

Left: 18.313+/-15.213 χ^2/NDF: 17.6/23

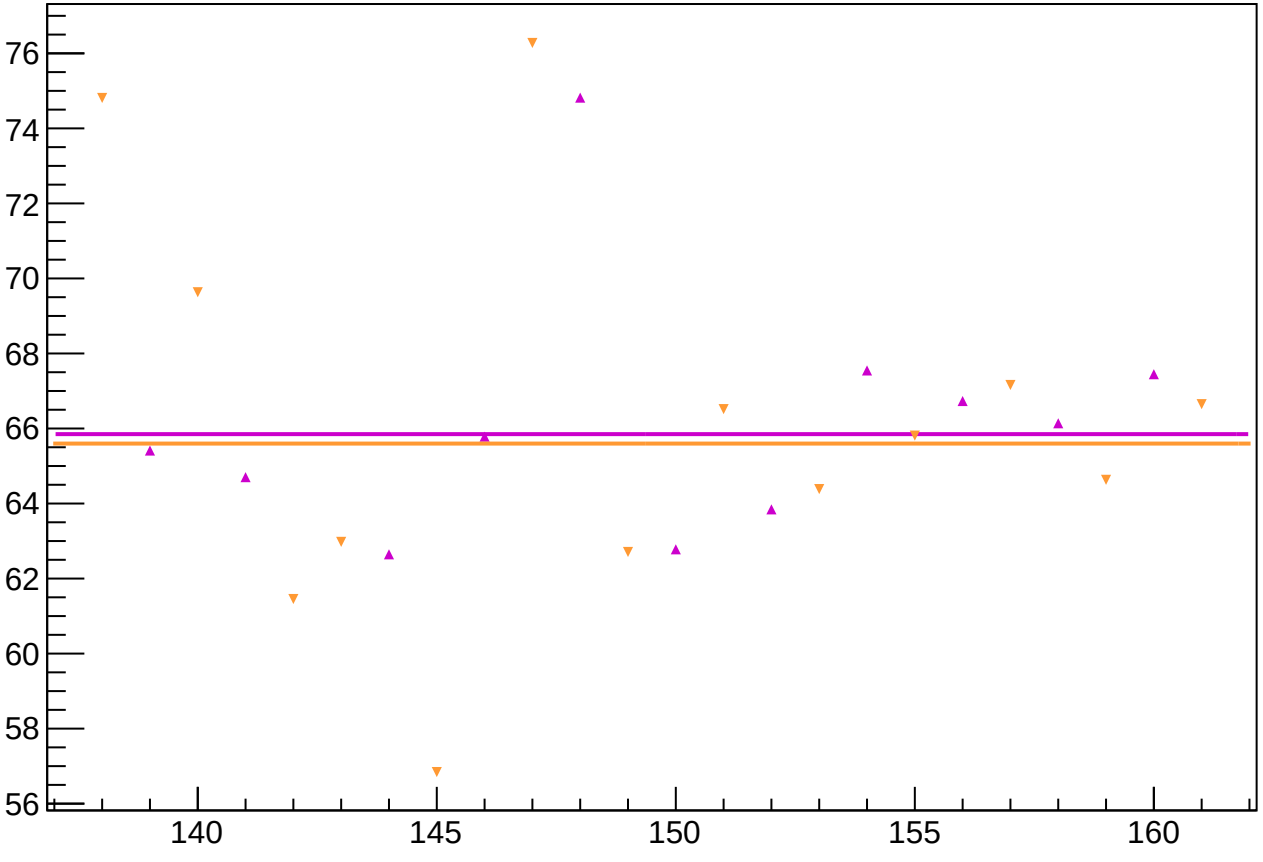
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.071+/-21.928 χ^2/NDF:5.7/10

Out: 17.610+/-21.122 χ^2/NDF:11.9/12

All: 18.313+/-15.213 χ^2/NDF: 17.6/23

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 65.598+/-0.015 χ^2/NDF:105586.5/12

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

Left In: 65.850+/-0.016 χ^2/NDF:36298.5/10

Left: 65.719+/-0.011 χ^2/NDF: 142021.9/23

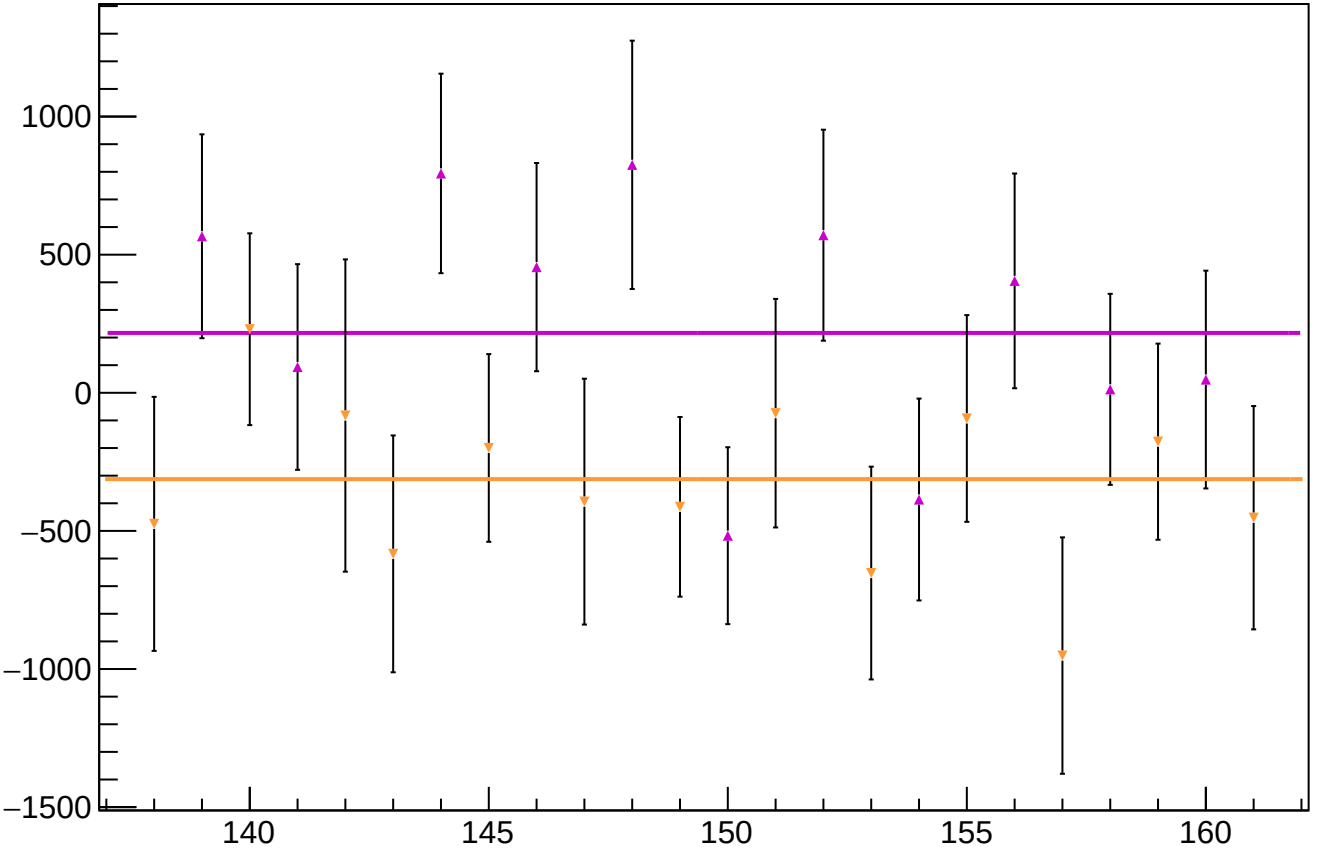
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.850+/-0.016 χ^2/NDF:36298.5/10

Out: 65.598+/-0.015 χ^2/NDF:105586.5/12

All: 65.719+/-0.011 χ^2/NDF: 142021.9/23

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -312.478+/-109.105 χ^2/NDF:7.3/12

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

Left In: 216.705+/-111.989 χ^2/NDF:15.4/10

Left: -54.788+/-78.149 χ^2/NDF: 34.2/23

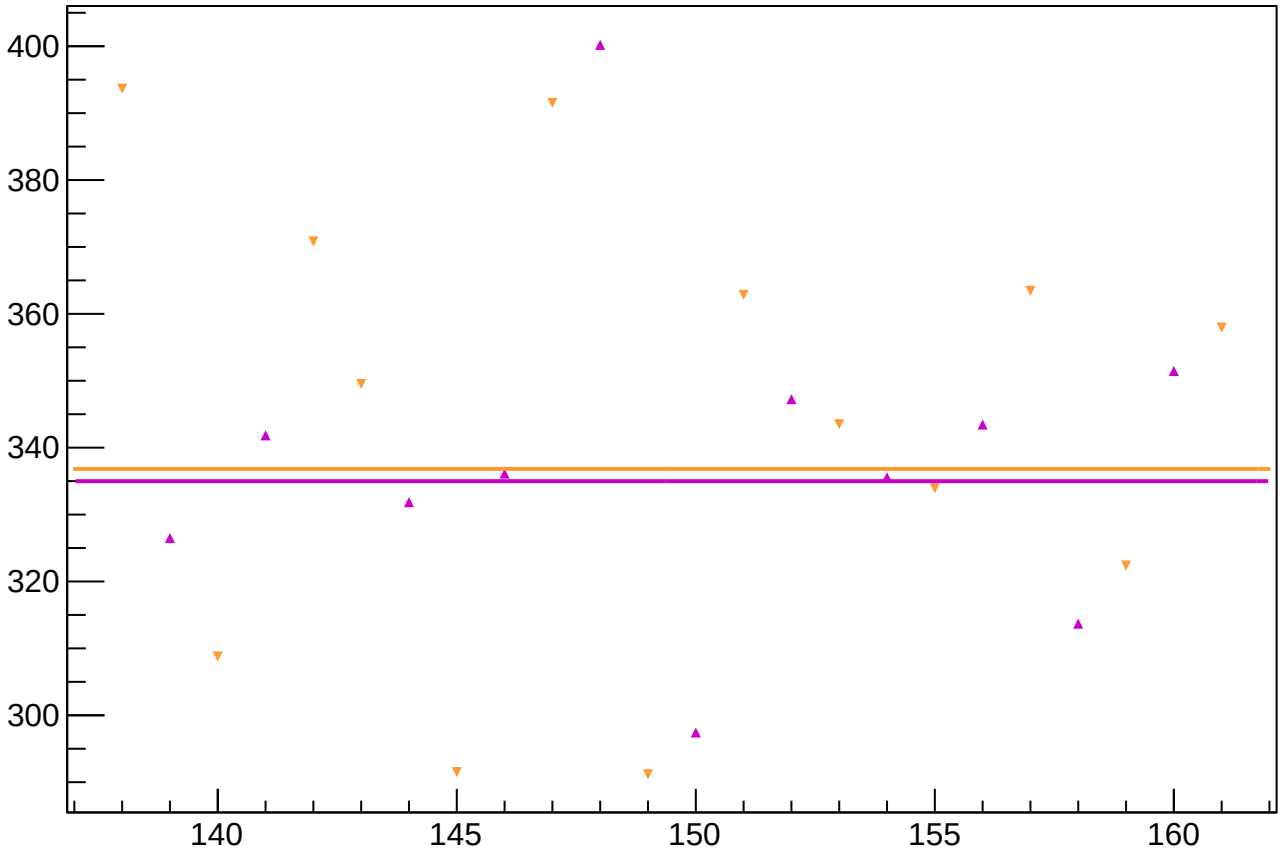
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 216.705+/-111.989 χ^2/NDF:15.4/10

Out: -312.478+/-109.105 χ^2/NDF:7.3/12

All: -54.788+/-78.149 χ^2/NDF: 34.2/23

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 336.823+/-0.077 χ^2/NDF:182938.0/12

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

Left In: 334.994+/-0.079 χ^2/NDF:85627.6/10

Left: 335.932+/-0.055 χ^2/NDF: 268839.2/23

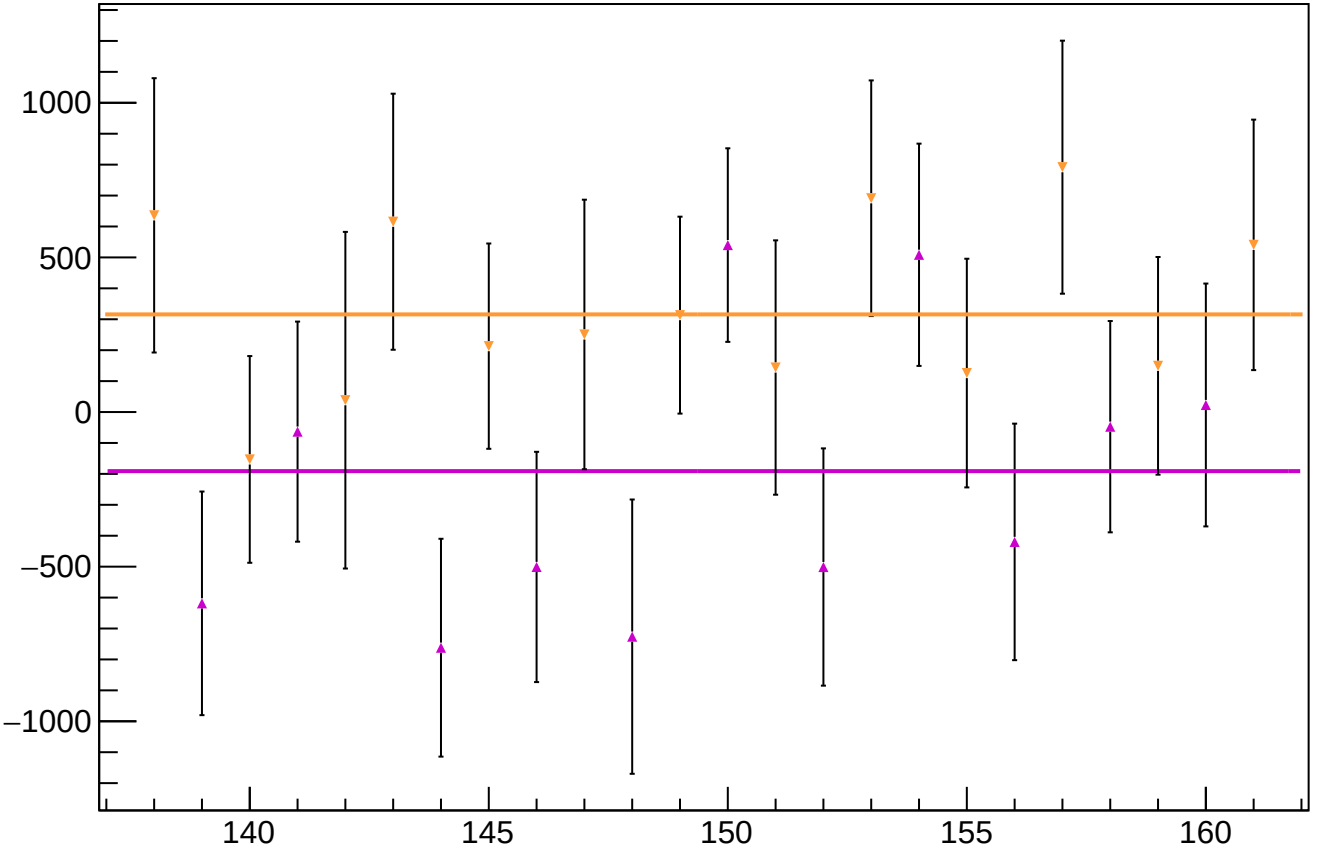
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 334.994+/-0.079 χ^2/NDF:85627.6/10

Out: 336.823+/-0.077 χ^2/NDF:182938.0/12

All: 335.932+/-0.055 χ^2/NDF: 268839.2/23

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 315.737+/-106.775 χ^2/NDF:6.7/12

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

Left In: -191.035+/-110.066 χ^2/NDF:17.0/10

Left: 70.040+/-76.638 χ^2/NDF: 34.6/23

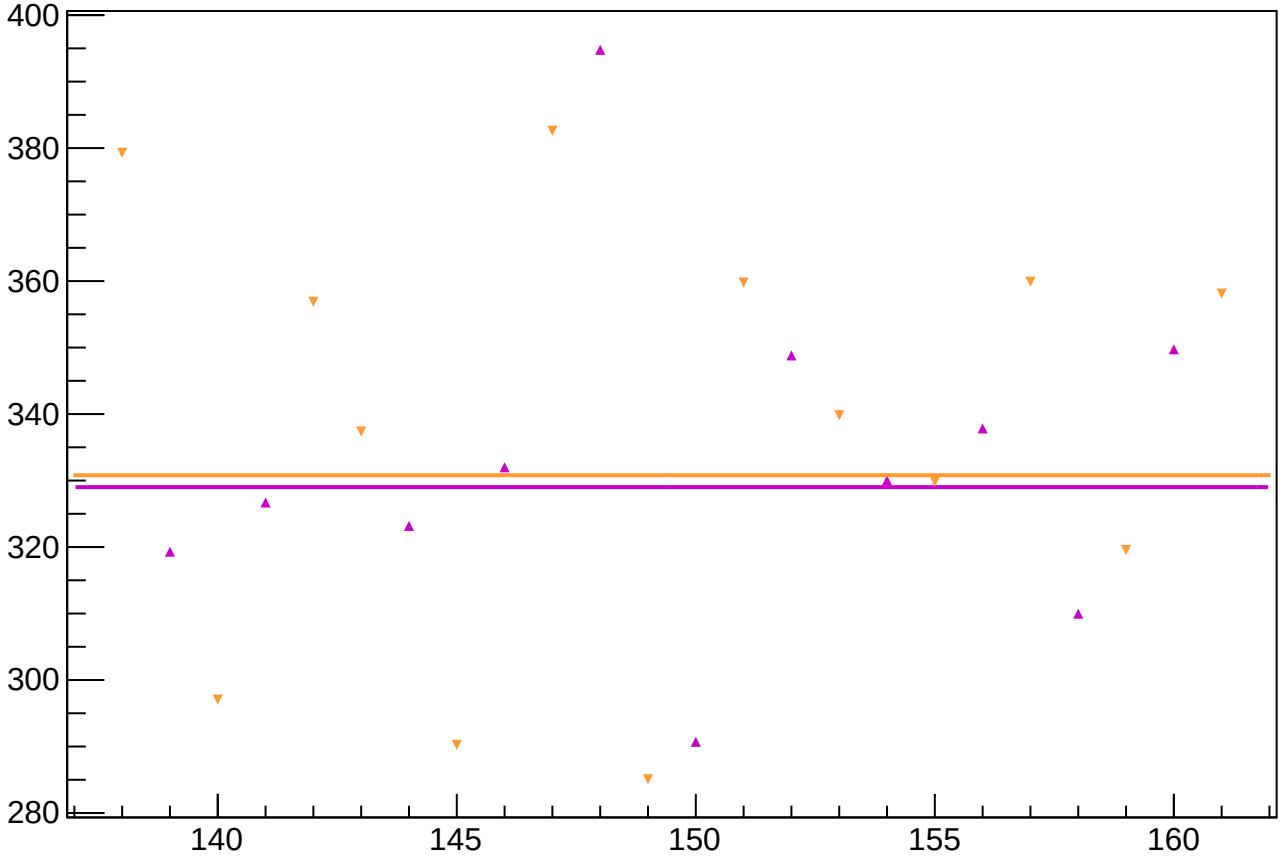
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -191.035+/-110.066 χ^2/NDF:17.0/10

Out: 315.737+/-106.775 χ^2/NDF:6.7/12

All: 70.040+/-76.638 χ^2/NDF: 34.6/23

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 330.804+/-0.076 χ^2/NDF:181093.3/12

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

Left In: 329.011+/-0.078 χ^2/NDF:94343.0/10

Left: 329.935+/-0.054 χ^2/NDF: 275709.7/23

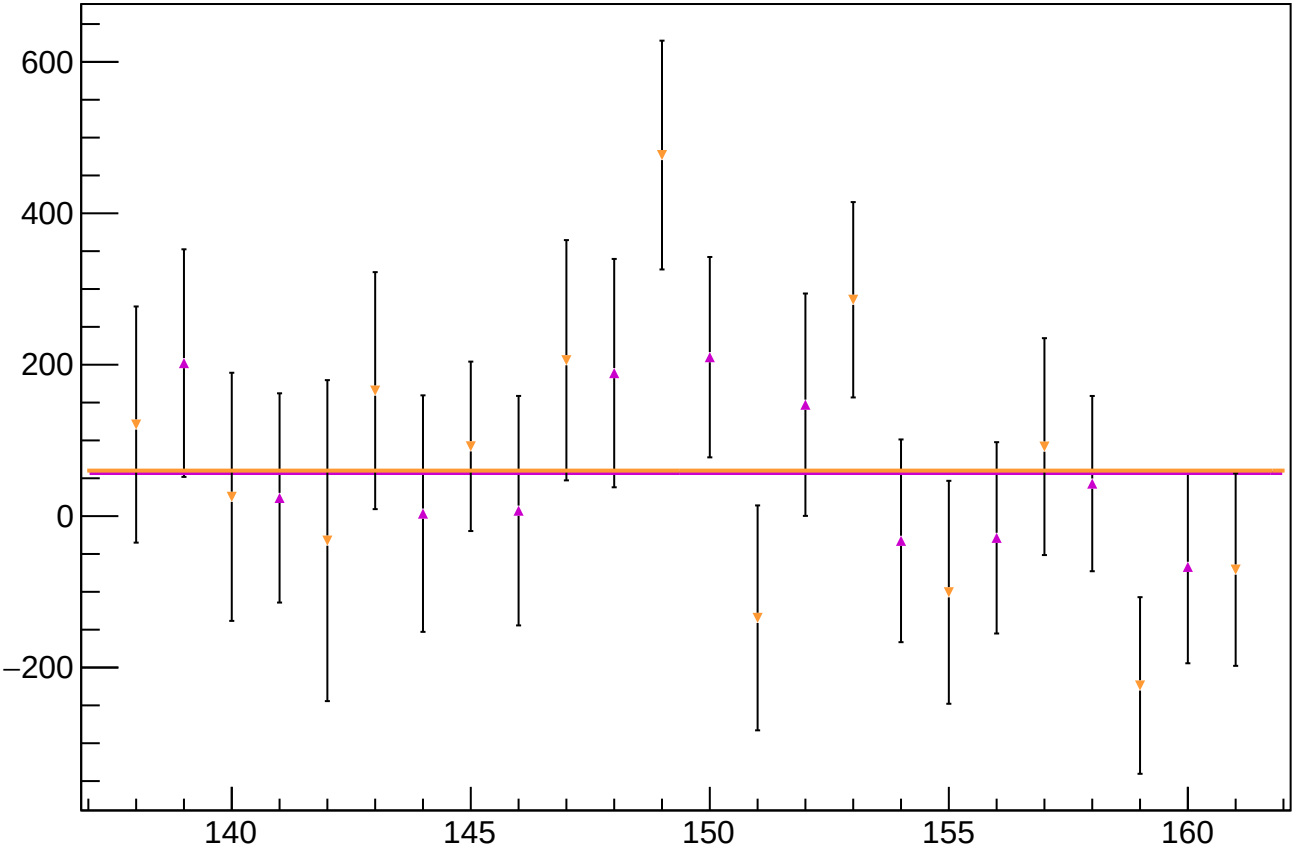
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 329.011+/-0.078 χ^2/NDF:94343.0/10

Out: 330.804+/-0.076 χ^2/NDF:181093.3/12

All: 329.935+/-0.054 χ^2/NDF: 275709.7/23

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 60.113+/-39.518 χ^2/NDF:22.4/12

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

Left In: 56.969+/-41.409 χ^2/NDF:5.6/10

Left: 58.614+/-28.589 χ^2/NDF: 27.9/23

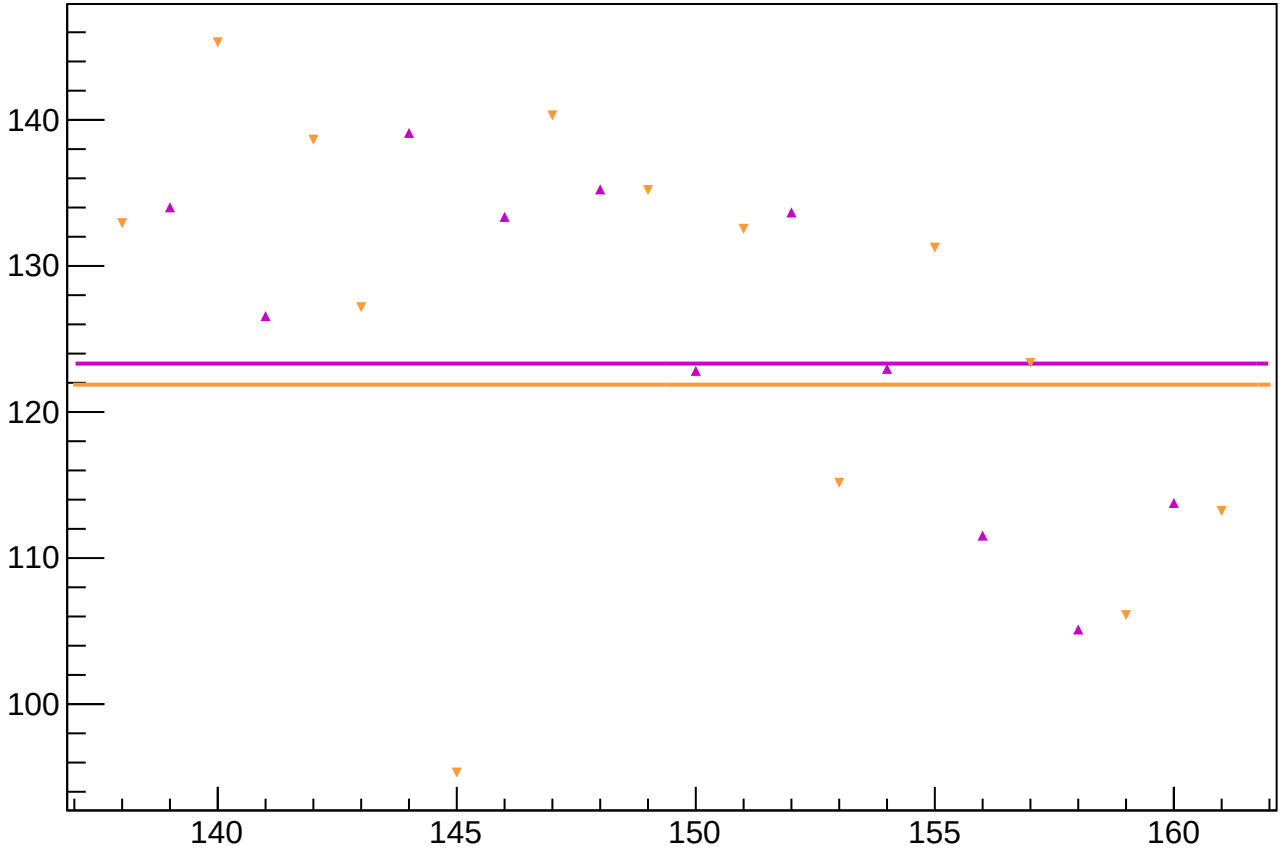
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 56.969+/-41.409 χ^2/NDF:5.6/10

Out: 60.113+/-39.518 χ^2/NDF:22.4/12

All: 58.614+/-28.589 χ^2/NDF: 27.9/23

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 121.872+/-0.028 χ^2/NDF:290884.8/12

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

Left In: 123.316+/-0.029 χ^2/NDF:140985.4/10

Left: 122.560+/-0.020 χ^2/NDF: 433142.3/23

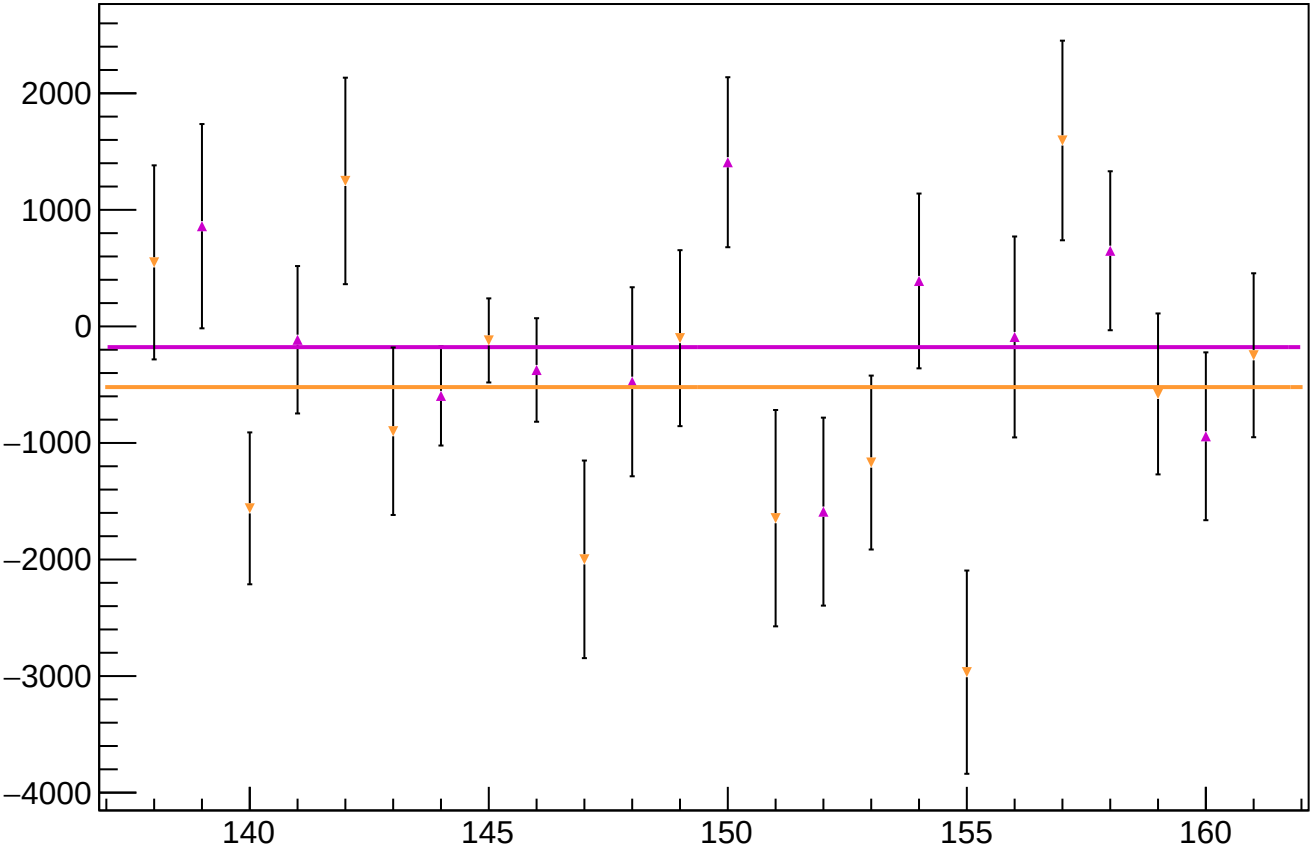
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 123.316+/-0.029 χ^2/NDF:140985.4/10

Out: 121.872+/-0.028 χ^2/NDF:290884.8/12

All: 122.560+/-0.020 χ^2/NDF: 433142.3/23

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -520.682+/-190.359 χ^2/NDF:29.4/12

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

Left In: -177.725+/-194.171 χ^2/NDF:13.7/10

Left: -352.603+/-135.932 χ^2/NDF: 44.7/23

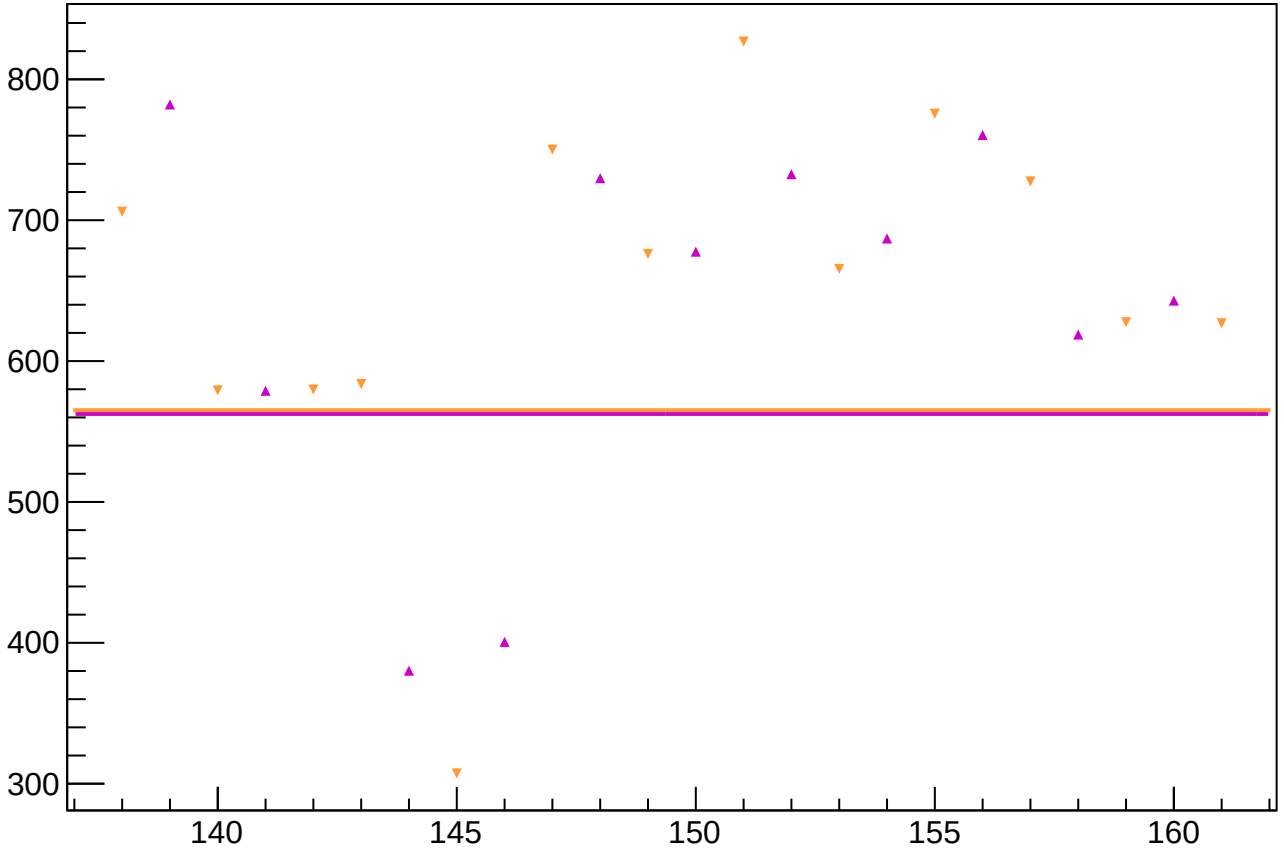
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -177.725+/-194.171 χ^2/NDF:13.7/10

Out: -520.682+/-190.359 χ^2/NDF:29.4/12

All: -352.603+/-135.932 χ^2/NDF: 44.7/23

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 565.120+/-0.135 χ^2/NDF:1635566.8/12

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

Left In: 562.496+/-0.137 χ^2/NDF:1182049.7/10

Left: 563.834+/-0.096 χ^2/NDF: 2817802.6/23

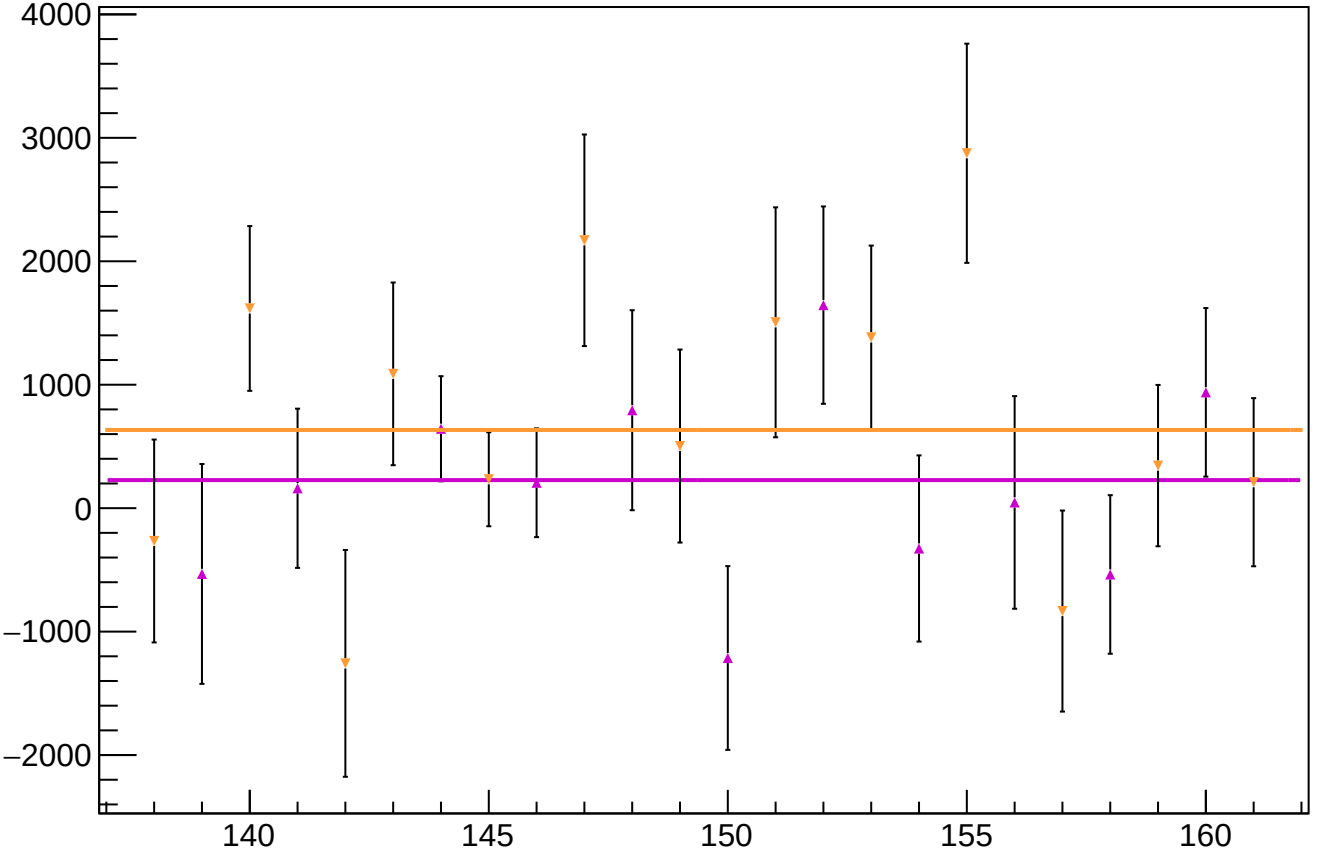
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 562.496+/-0.137 χ^2/NDF:1182049.7/10

Out: 565.120+/-0.135 χ^2/NDF:1635566.8/12

All: 563.834+/-0.096 χ^2/NDF: 2817802.6/23

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 633.494+/-192.919 χ^2/NDF:24.4/12

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

Left In: 227.332+/-192.812 χ^2/NDF:12.2/10

Left: 430.301+/-136.376 χ^2/NDF: 38.8/23

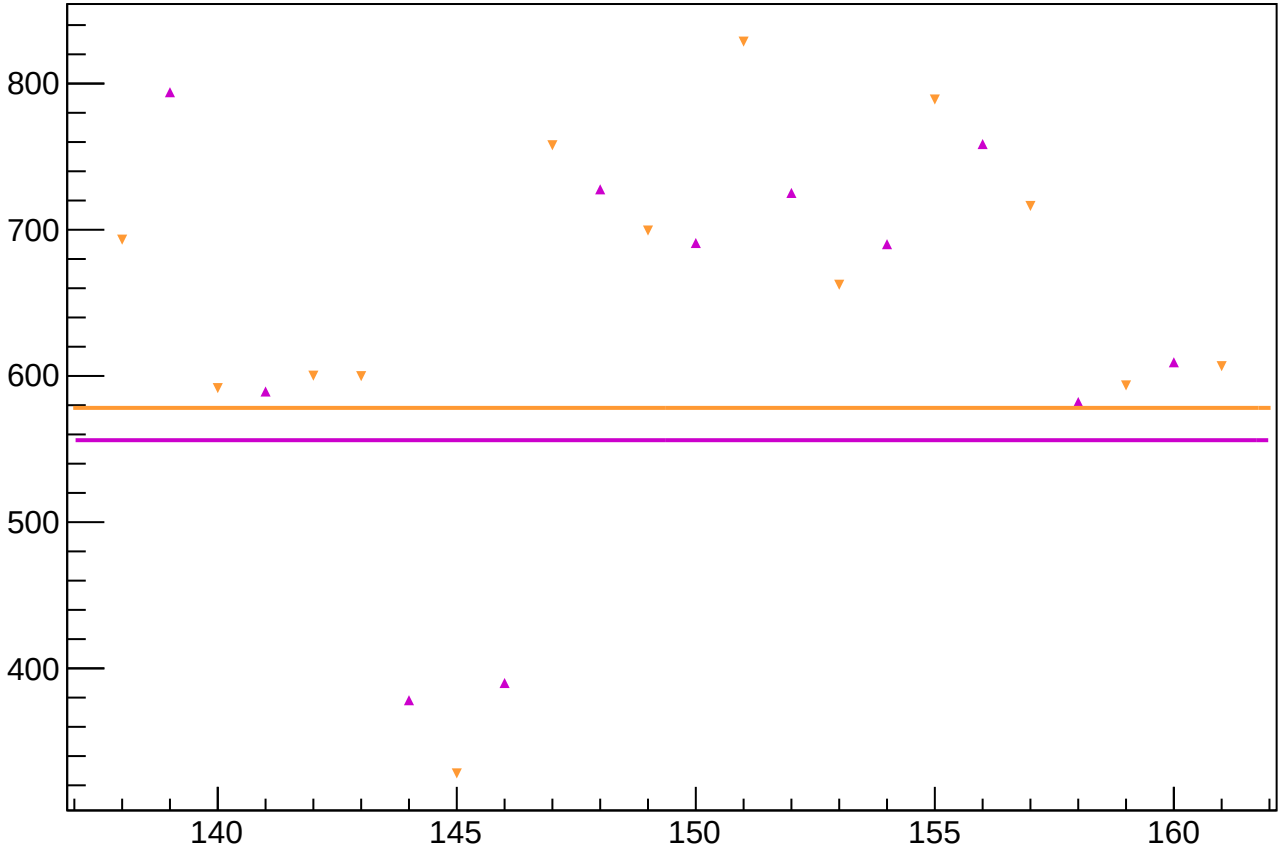
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 227.332+/-192.812 χ^2/NDF:12.2/10

Out: 633.494+/-192.919 χ^2/NDF:24.4/12

All: 430.301+/-136.376 χ^2/NDF: 38.8/23

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 578.164+/-0.136 χ^2/NDF:1386393.3/12

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

Left In: 556.064+/-0.136 χ^2/NDF:1215579.0/10

Left: 567.108+/-0.096 χ^2/NDF: 2615103.3/23

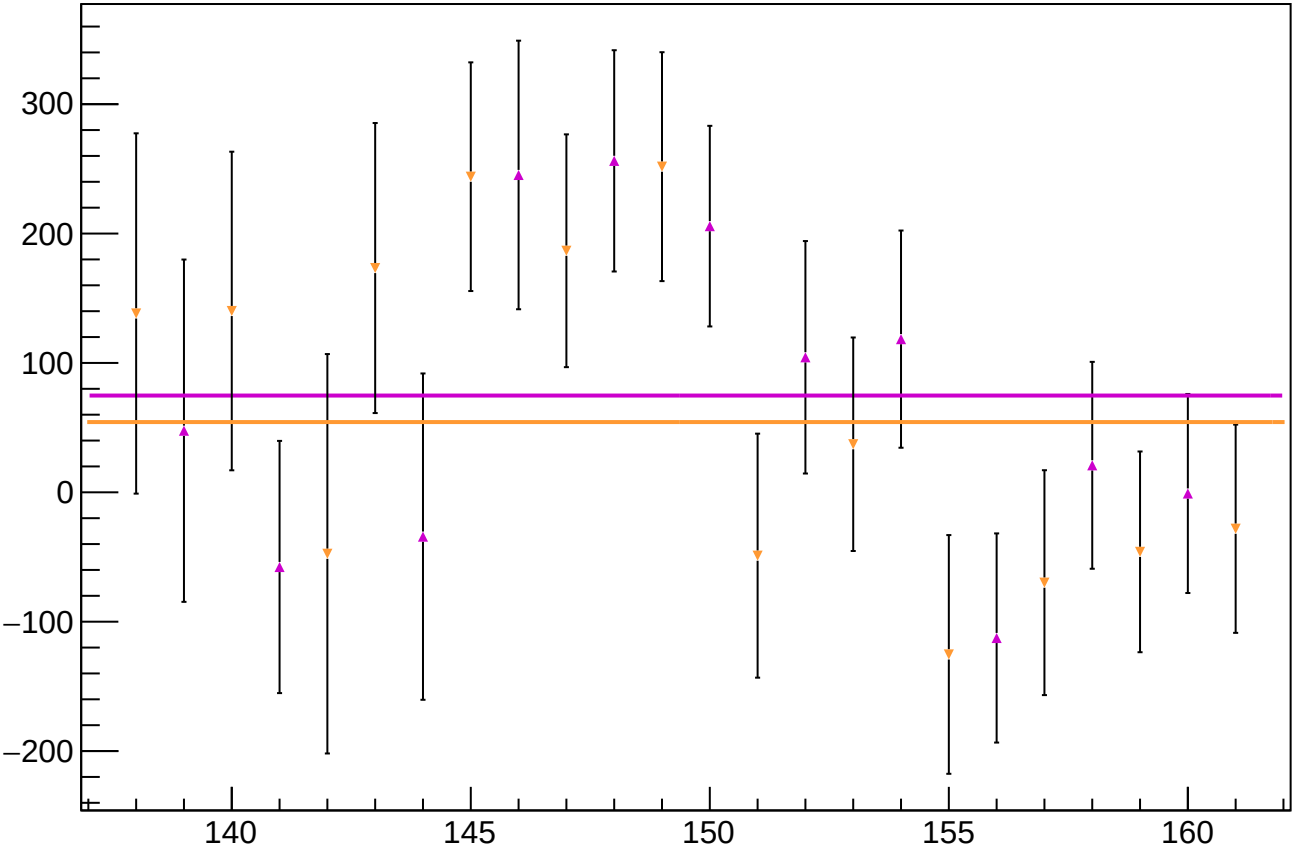
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 556.064+/-0.136 χ^2/NDF:1215579.0/10

Out: 578.164+/-0.136 χ^2/NDF:1386393.3/12

All: 567.108+/-0.096 χ^2/NDF: 2615103.3/23

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 54.297+/-26.278 χ^2/NDF:24.0/12

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

Left In: 74.792+/-27.062 χ^2/NDF:19.9/10

Left: 64.243+/-18.852 χ^2/NDF: 44.1/23

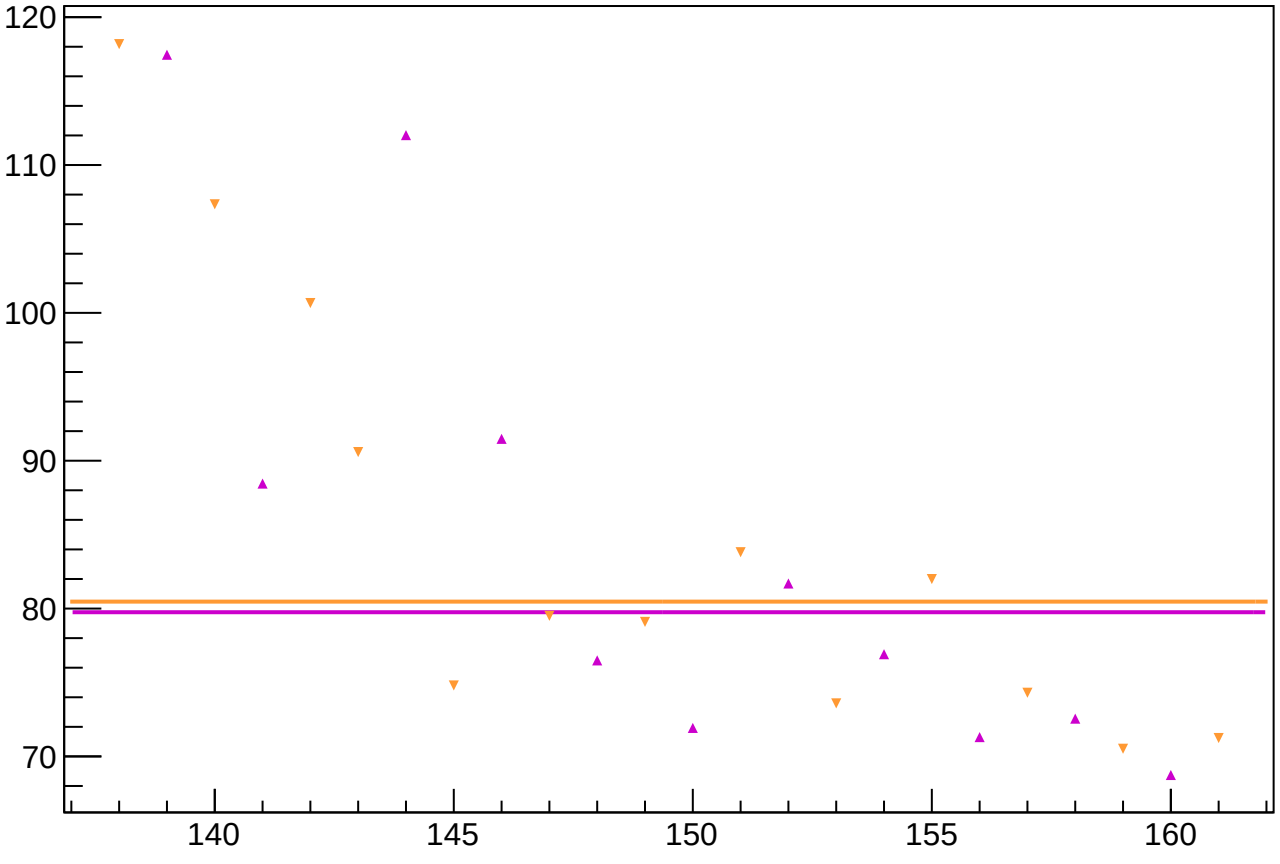
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 74.792+/-27.062 χ^2/NDF:19.9/10

Out: 54.297+/-26.278 χ^2/NDF:24.0/12

All: 64.243+/-18.852 χ^2/NDF: 44.1/23

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 80.470+/-0.019 χ^2/NDF:387600.3/12

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

Left In: 79.752+/-0.019 χ^2/NDF:440411.5/10

Left: 80.122+/-0.013 χ^2/NDF: 828735.2/23

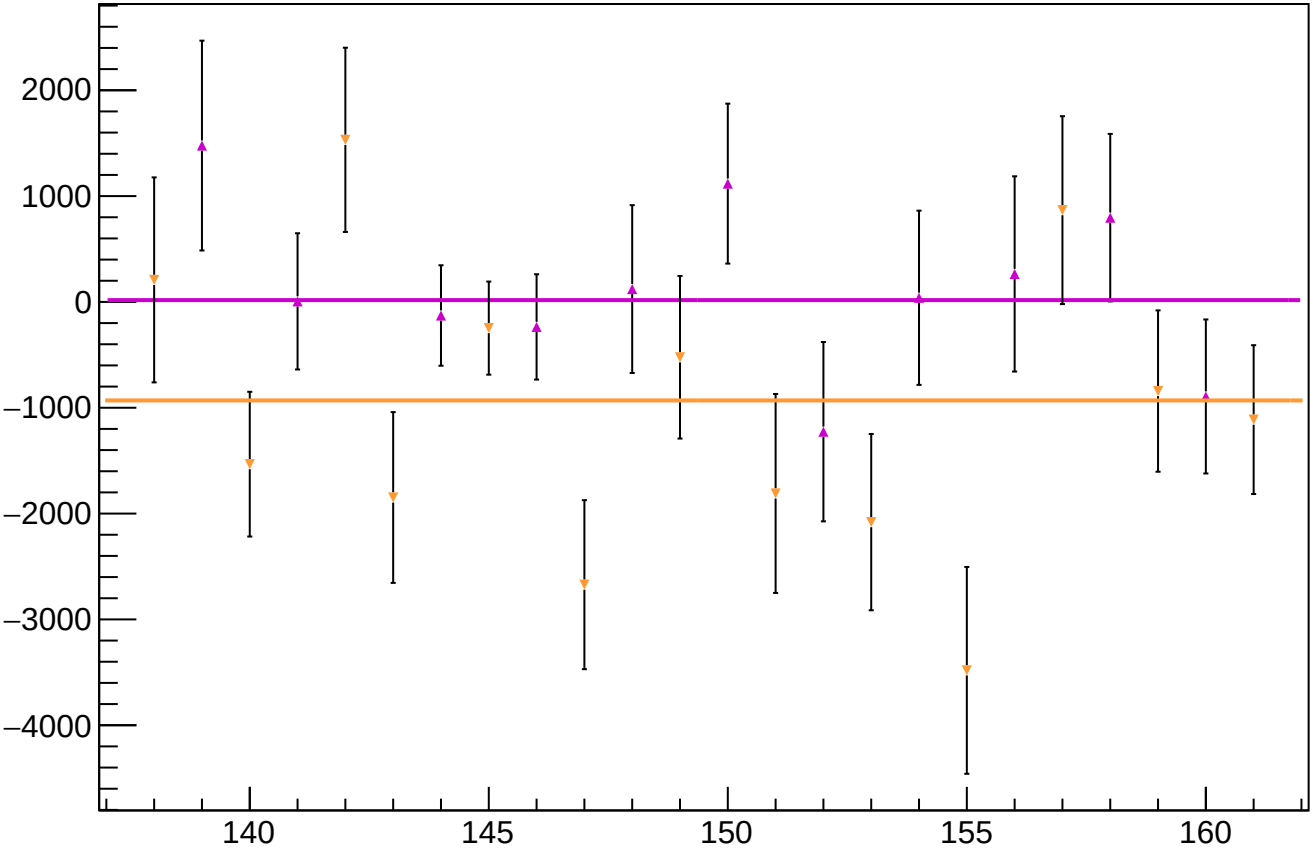
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 79.752+/-0.019 χ^2/NDF:440411.5/10

Out: 80.470+/-0.019 χ^2/NDF:387600.3/12

All: 80.122+/-0.013 χ^2/NDF: 828735.2/23

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -930.760+/-207.959 χ^2/NDF:32.7/12

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

Left In: 17.066+/-209.527 χ^2/NDF:9.4/10

Left: -460.406+/-147.601 χ^2/NDF: 52.4/23

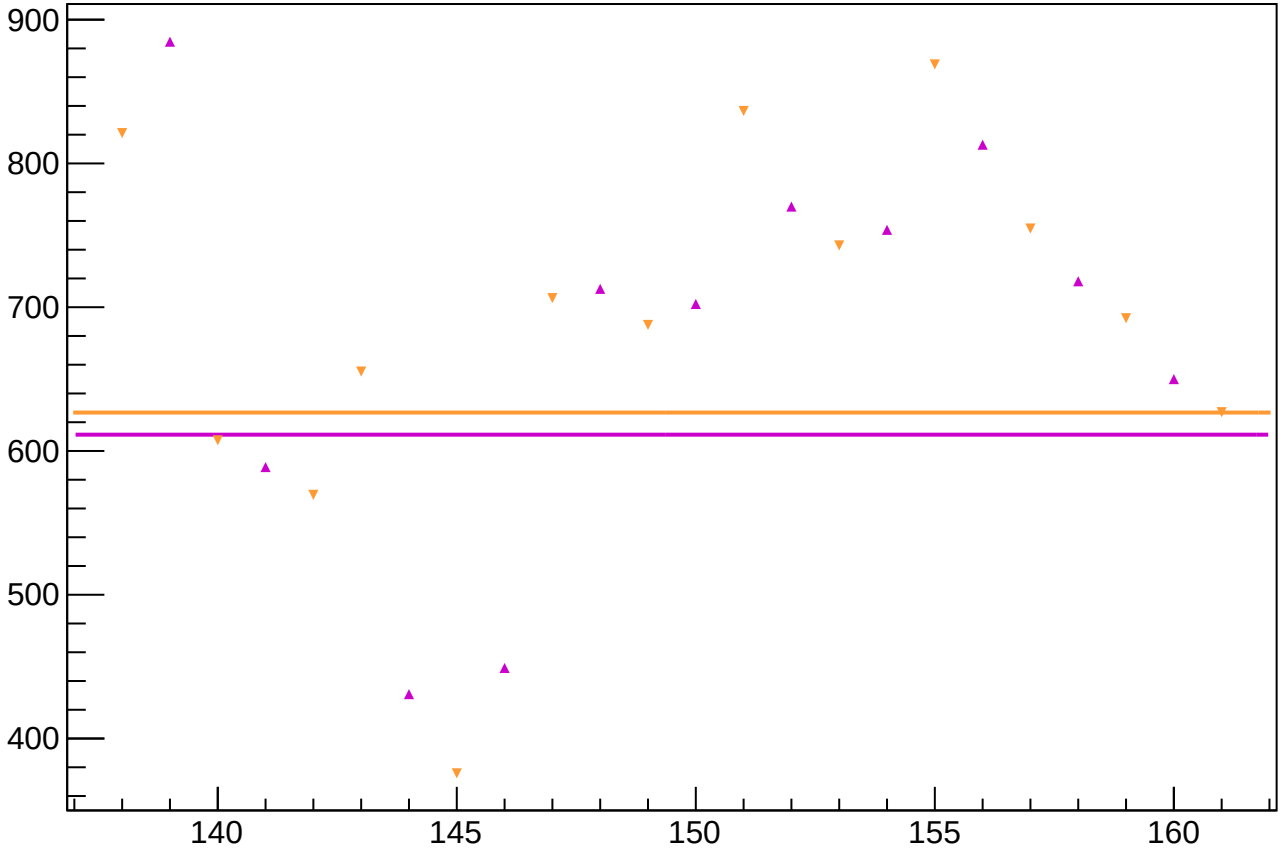
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 17.066+/-209.527 χ^2/NDF:9.4/10

Out: -930.760+/-207.959 χ^2/NDF:32.7/12

All: -460.406+/-147.601 χ^2/NDF: 52.4/23

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 626.733+/-0.147 χ^2/NDF:1094333.3/12

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

Left In: 611.339+/-0.148 χ^2/NDF:985601.8/10

Left: 619.094+/-0.104 χ^2/NDF: 2085373.1/23

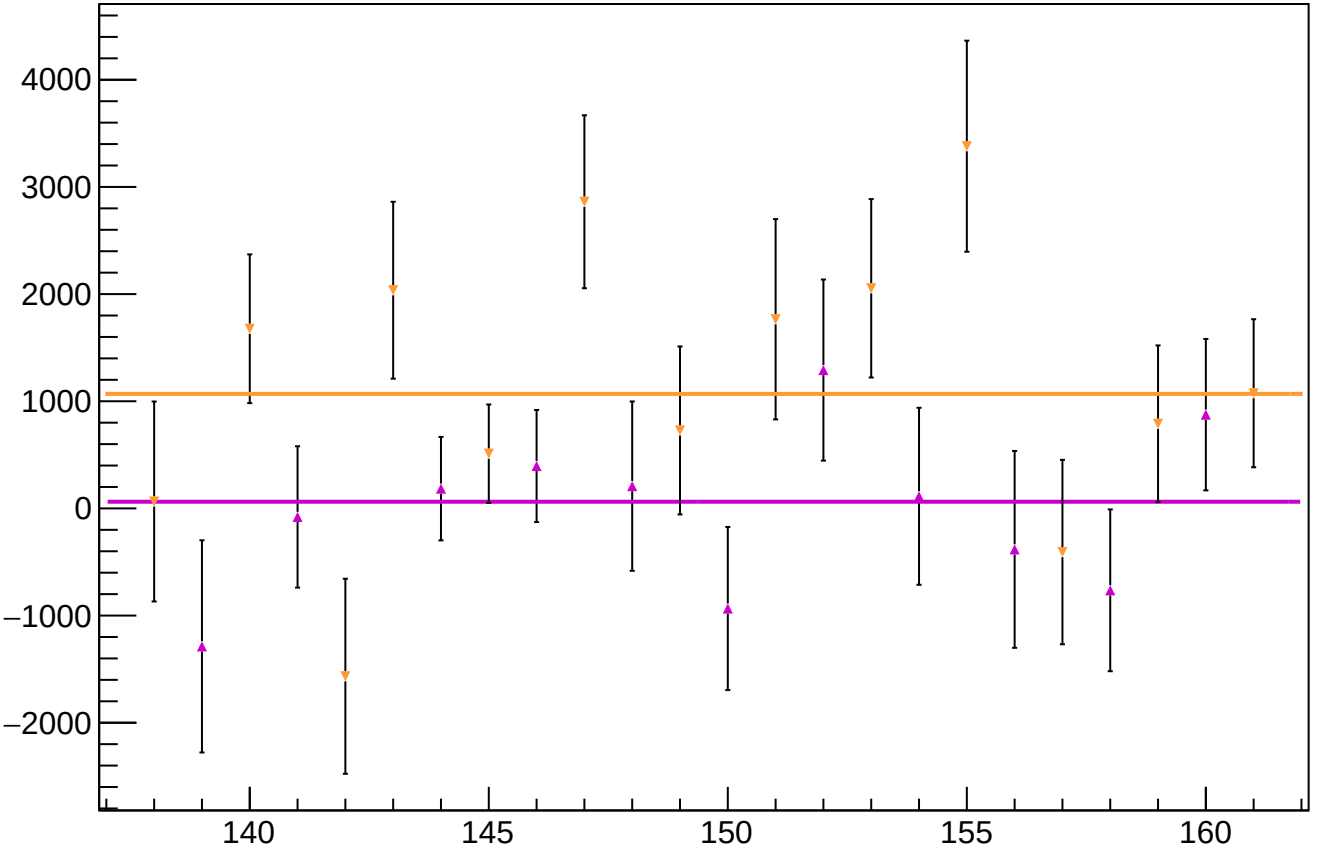
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 611.339+/-0.148 χ^2/NDF:985601.8/10

Out: 626.733+/-0.147 χ^2/NDF:1094333.3/12

All: 619.094+/-0.104 χ^2/NDF: 2085373.1/23

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 1068.534+/-209.672 χ^2/NDF:28.8/12

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

Left In: 62.267+/-211.264 χ^2/NDF:9.0/10

Left: 569.205+/-148.820 χ^2/NDF: 49.3/23

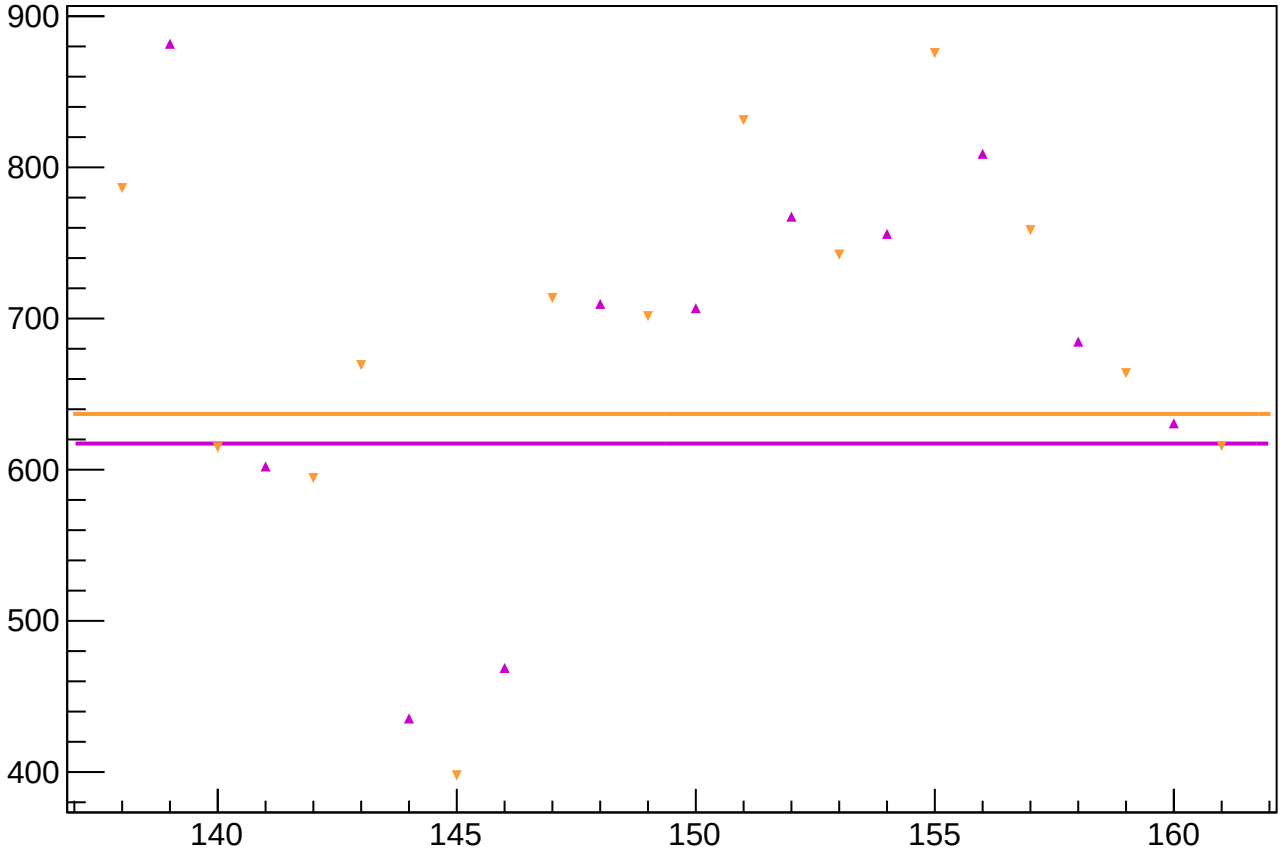
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.267+/-211.264 χ^2/NDF:9.0/10

Out: 1068.534+/-209.672 χ^2/NDF:28.8/12

All: 569.205+/-148.820 χ^2/NDF: 49.3/23

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 636.888+/-0.148 χ^2/NDF:915679.4/12

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

Left In: 617.295+/-0.149 χ^2/NDF:867250.4/10

Left: 627.166+/-0.105 χ^2/NDF: 1791595.9/23

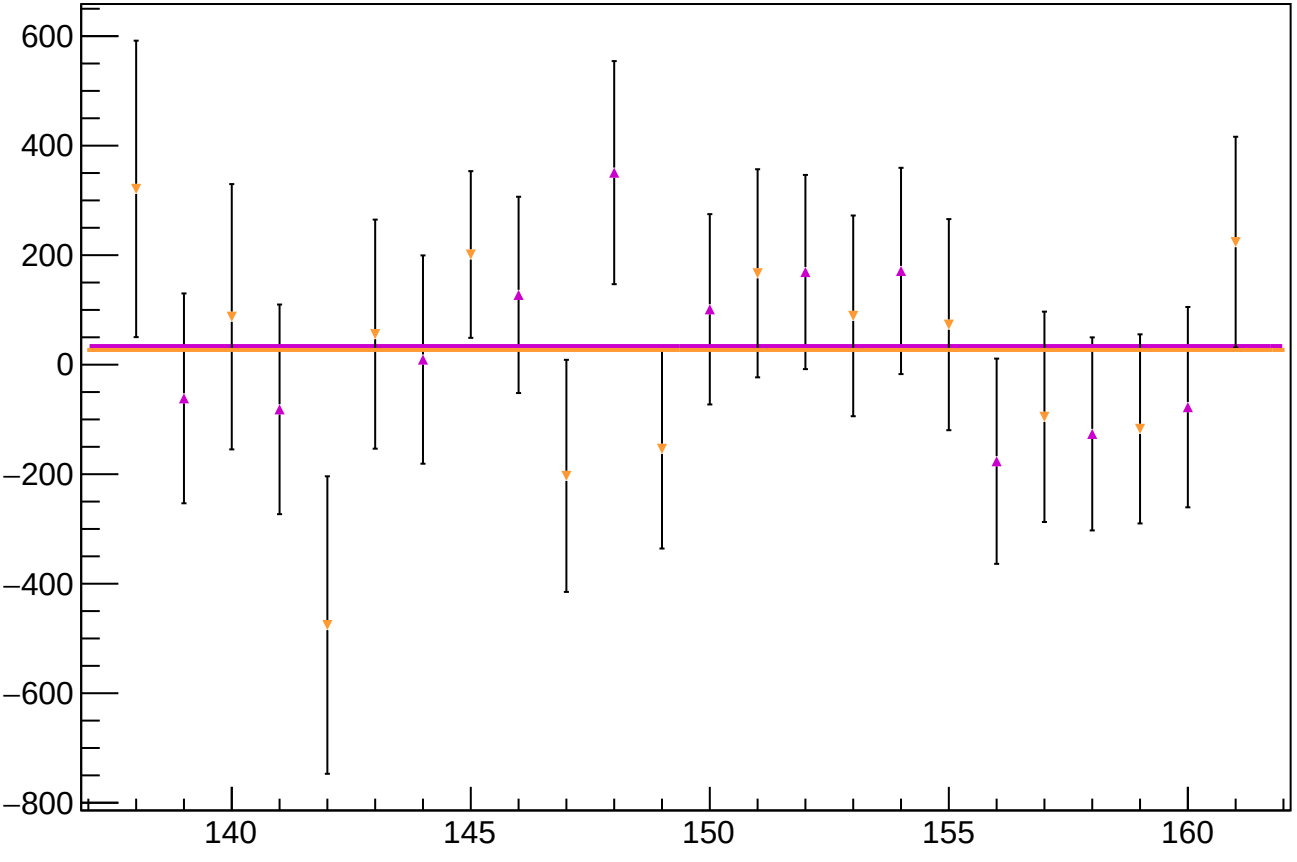
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 617.295+/-0.149 χ^2/NDF:867250.4/10

Out: 636.888+/-0.148 χ^2/NDF:915679.4/12

All: 627.166+/-0.105 χ^2/NDF: 1791595.9/23

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 26.900+/-54.663 χ^2/NDF:11.0/12

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

Left In: 34.034+/-55.812 χ^2/NDF:7.0/10

Left: 30.392+/-39.053 χ^2/NDF: 18.1/23

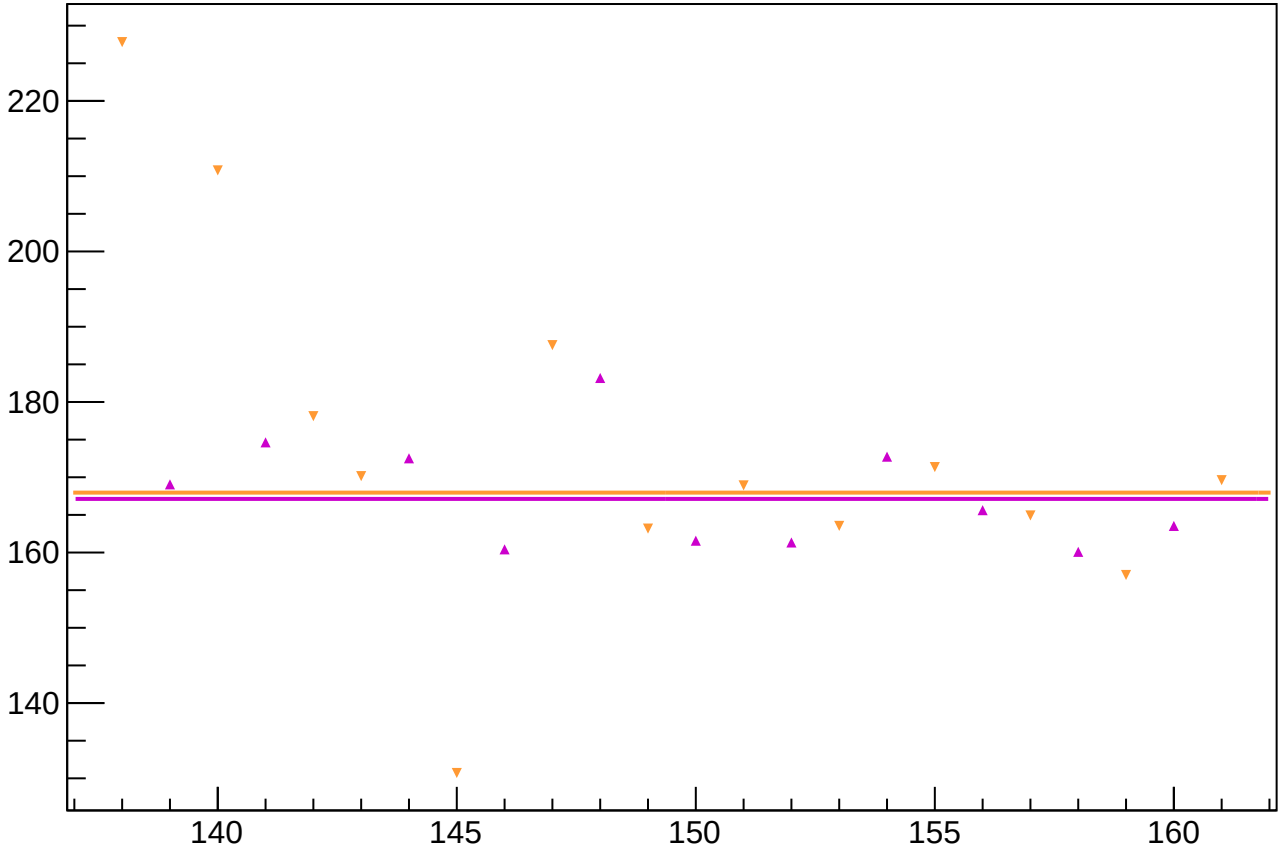
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 34.034+/-55.812 χ^2/NDF:7.0/10

Out: 26.900+/-54.663 χ^2/NDF:11.0/12

All: 30.392+/-39.053 χ^2/NDF: 18.1/23

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 167.960+/-0.039 χ^2/NDF:312001.0/12

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

Left In: 167.123+/-0.039 χ^2/NDF:30160.3/10

Left: 167.551+/-0.028 χ^2/NDF: 342390.9/23

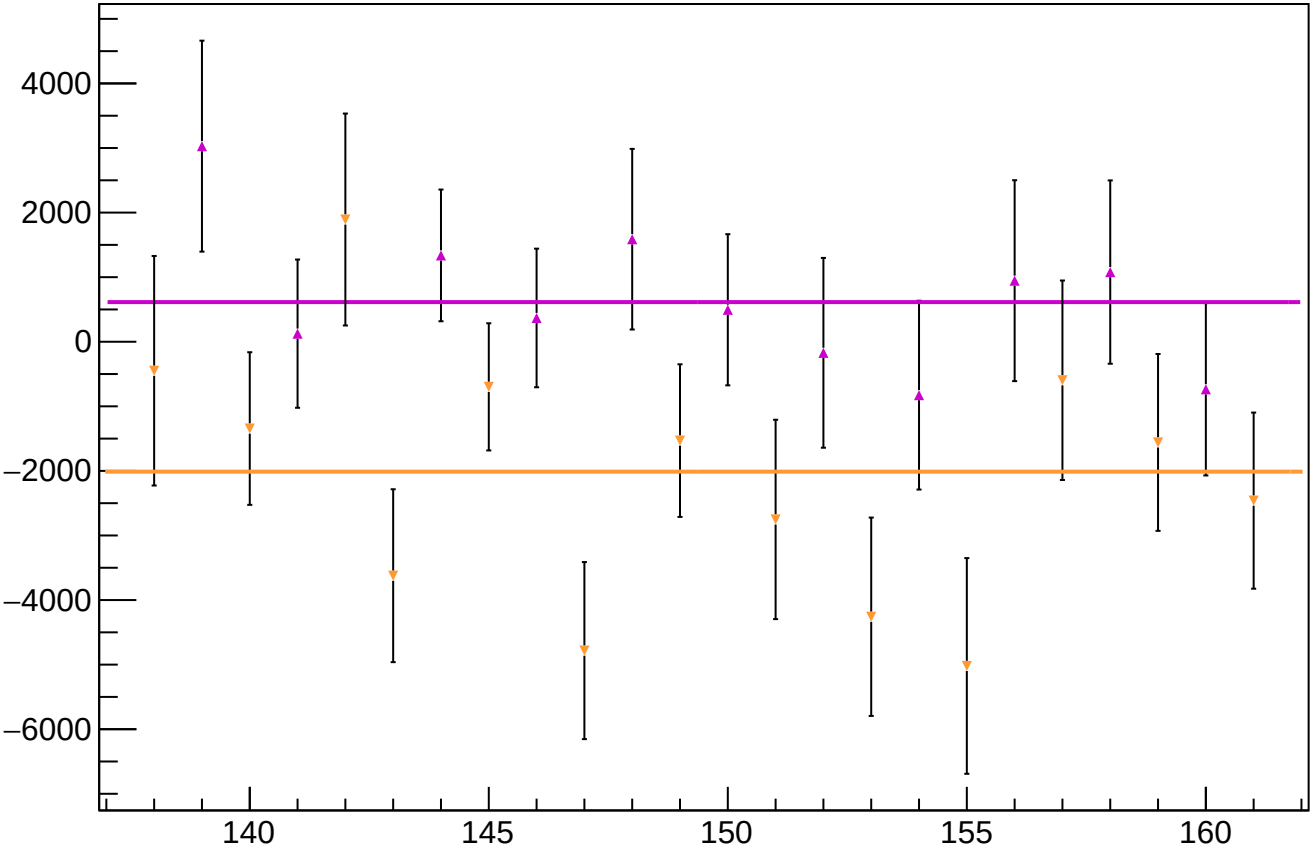
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 167.123+/-0.039 χ^2/NDF:30160.3/10

Out: 167.960+/-0.039 χ^2/NDF:312001.0/12

All: 167.551+/-0.028 χ^2/NDF: 342390.9/23

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -2011.684+/-379.761 χ^2/NDF:20.9/12

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

Left In: 613.861+/-389.058 χ^2/NDF:5.9/10

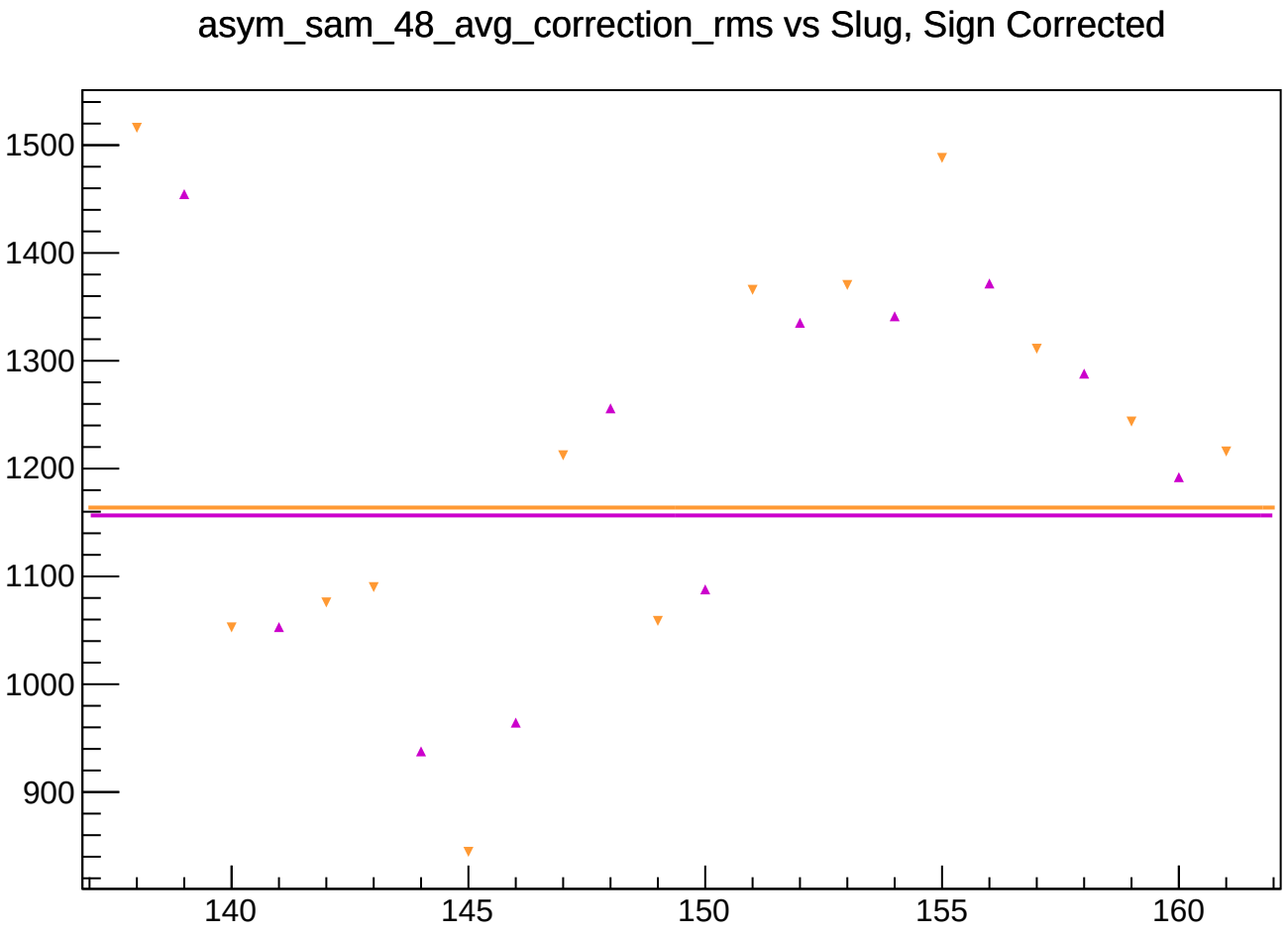
Left: -730.656+/-271.759 χ^2/NDF: 50.1/23

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 613.861+/-389.058 χ^2/NDF:5.9/10

Out: -2011.684+/-379.761 χ^2/NDF:20.9/12

All: -730.656+/-271.759 χ^2/NDF: 50.1/23



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

Left Out: 1163.856+/-0.269 χ^2/NDF:510405.6/12

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

Left In: 1156.550+/-0.275 χ^2/NDF:374316.8/10

Left: 1160.291+/-0.192 χ^2/NDF: 885083.6/23

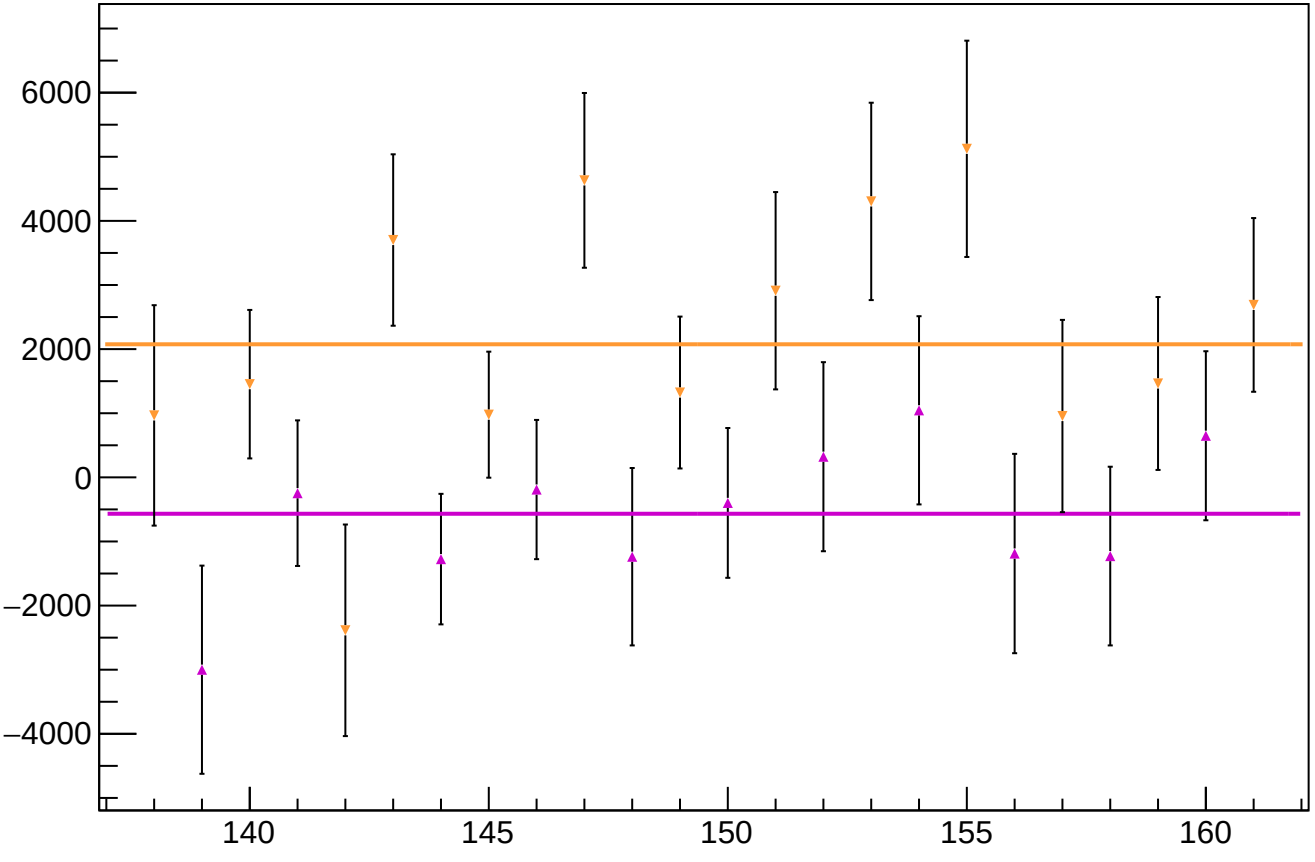
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1156.550+/-0.275 χ^2/NDF:374316.8/10

Out: 1163.856+/-0.269 χ^2/NDF:510405.6/12

All: 1160.291+/-0.192 χ^2/NDF: 885083.6/23

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 2075.484+/-377.068 χ^2/NDF:21.3/12

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

Left In: -567.825+/-387.729 χ^2/NDF:6.0/10

Left: 790.670+/-270.317 χ^2/NDF: 51.2/23

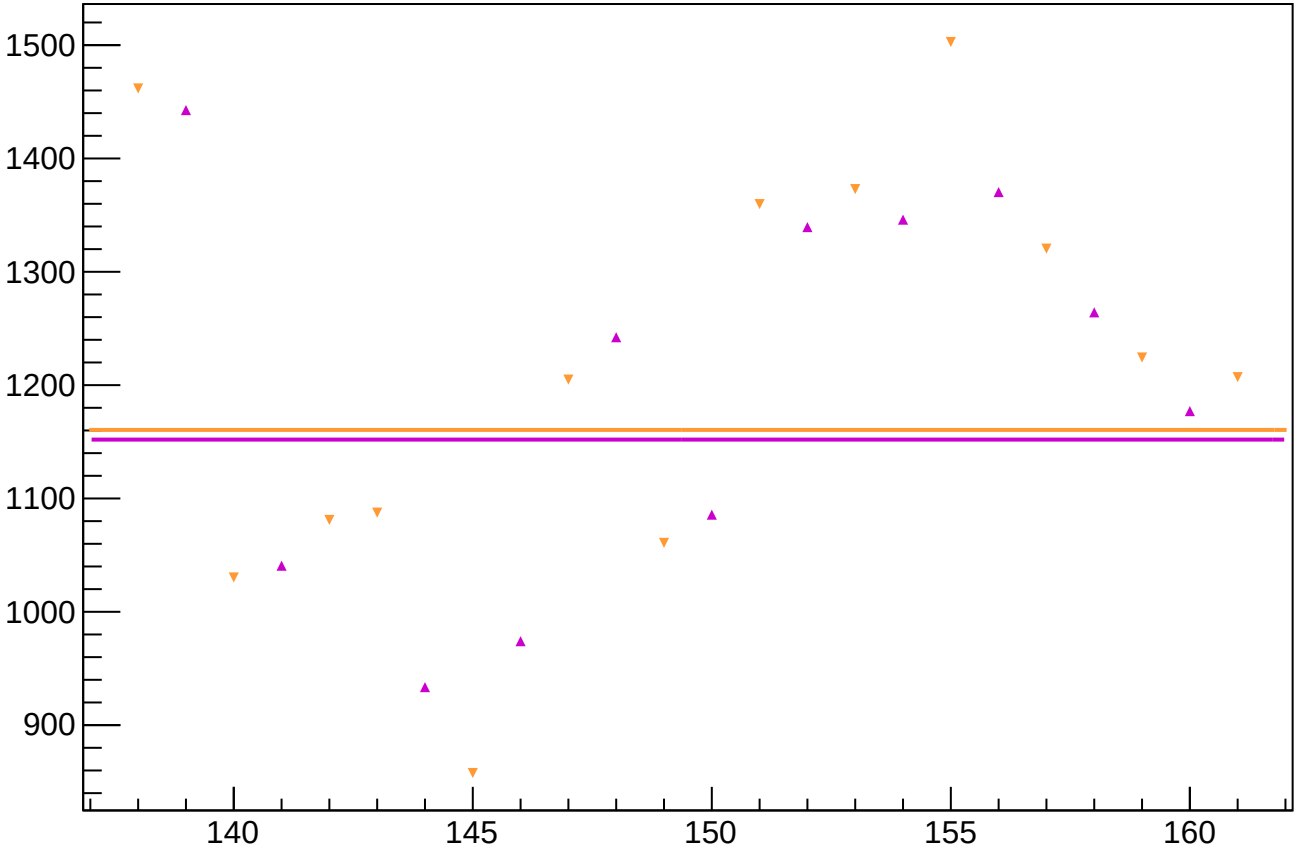
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -567.825+/-387.729 χ^2/NDF:6.0/10

Out: 2075.484+/-377.068 χ^2/NDF:21.3/12

All: 790.670+/-270.317 χ^2/NDF: 51.2/23

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1160.499+/-0.267 χ^2/NDF:486960.1/12

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

Left In: 1151.953+/-0.274 χ^2/NDF:364567.3/10

Left: 1156.345+/-0.191 χ^2/NDF: 852026.8/23

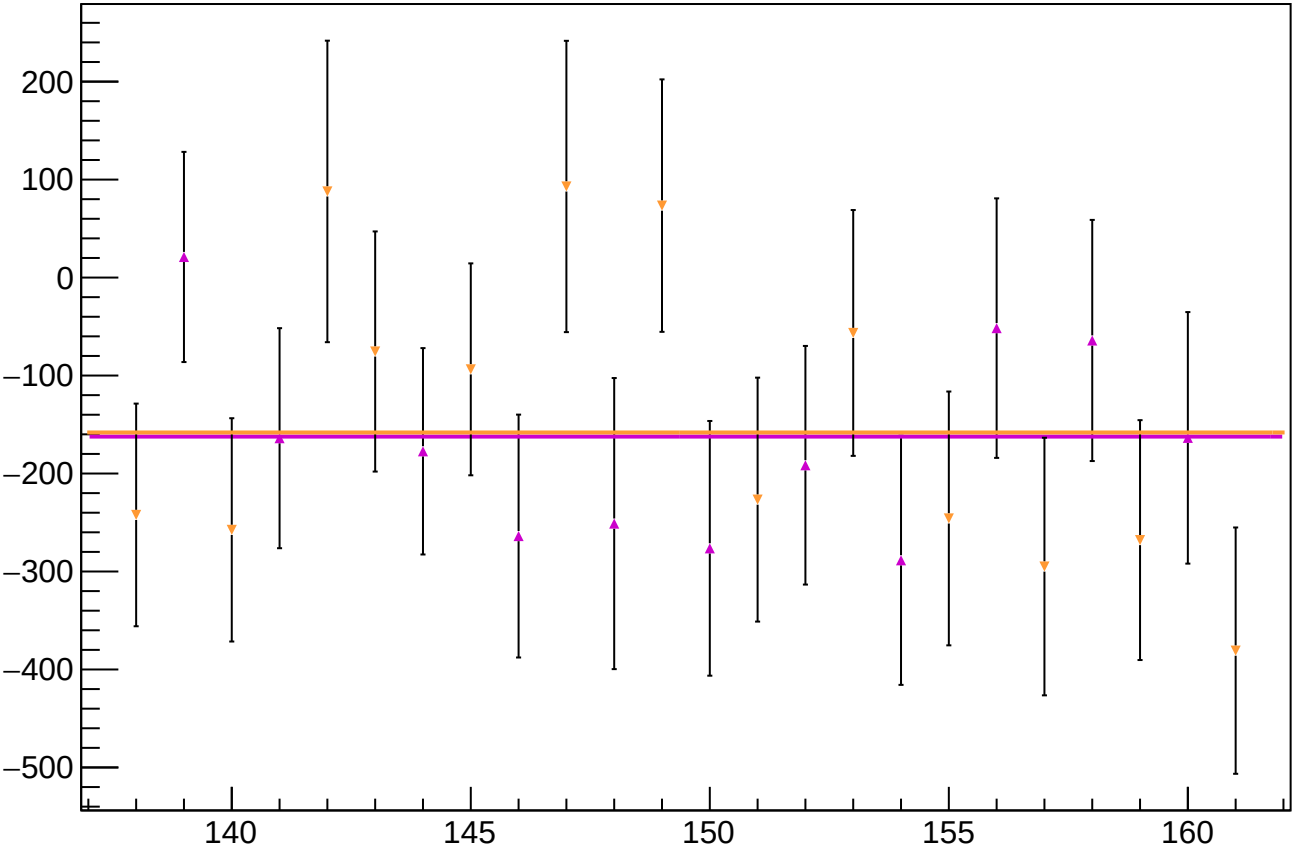
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1151.953+/-0.274 χ^2/NDF:364567.3/10

Out: 1160.499+/-0.267 χ^2/NDF:486960.1/12

All: 1156.345+/-0.191 χ^2/NDF: 852026.8/23

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -158.097+/-34.714 χ^2/NDF:17.2/12

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

Left In: -162.298+/-36.786 χ^2/NDF:7.1/10

Left: -160.076+/-25.247 χ^2/NDF: 24.3/23

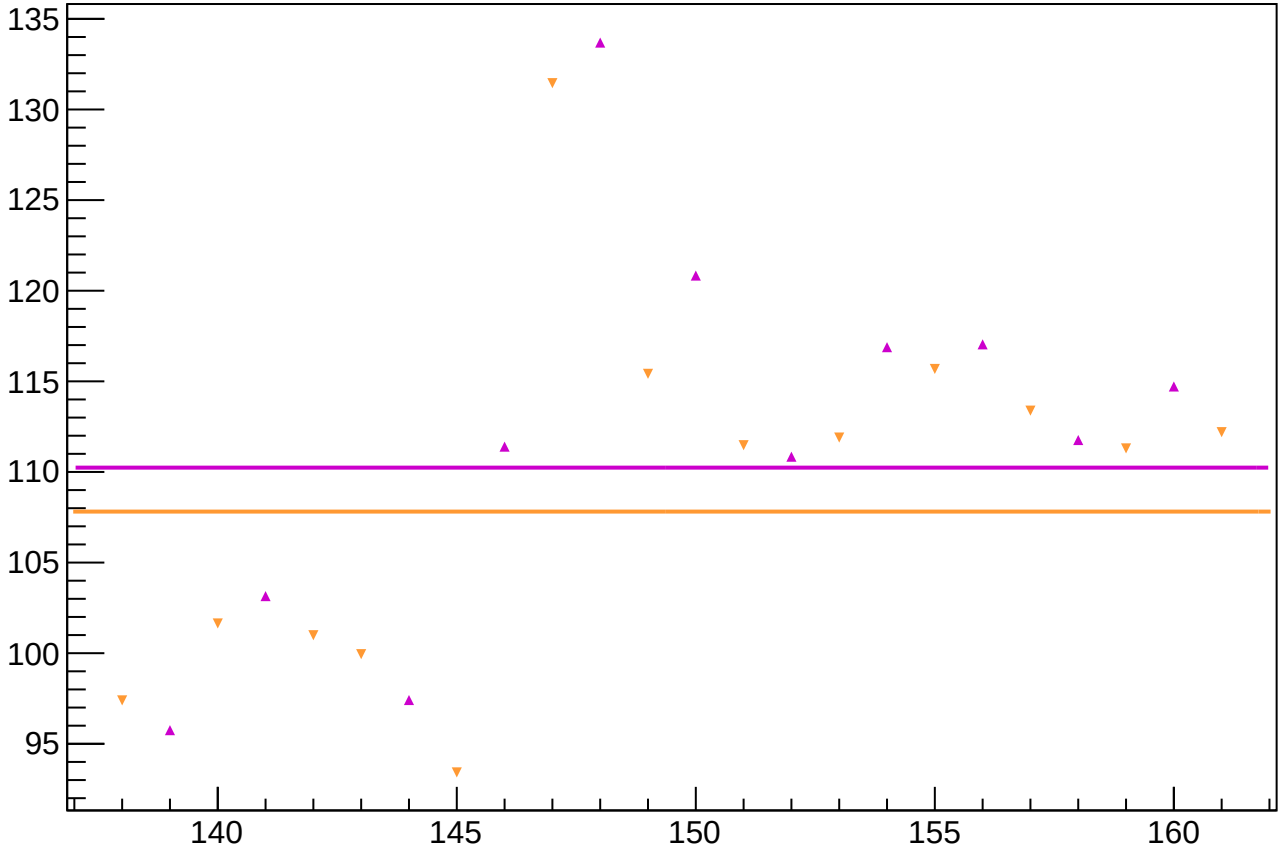
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -162.298+/-36.786 χ^2/NDF:7.1/10

Out: -158.097+/-34.714 χ^2/NDF:17.2/12

All: -160.076+/-25.247 χ^2/NDF: 24.3/23

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 107.813+/-0.025 χ^2/NDF:146681.4/12

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

Left In: 110.239+/-0.026 χ^2/NDF:150952.1/10

Left: 108.956+/-0.018 χ^2/NDF: 302231.5/23

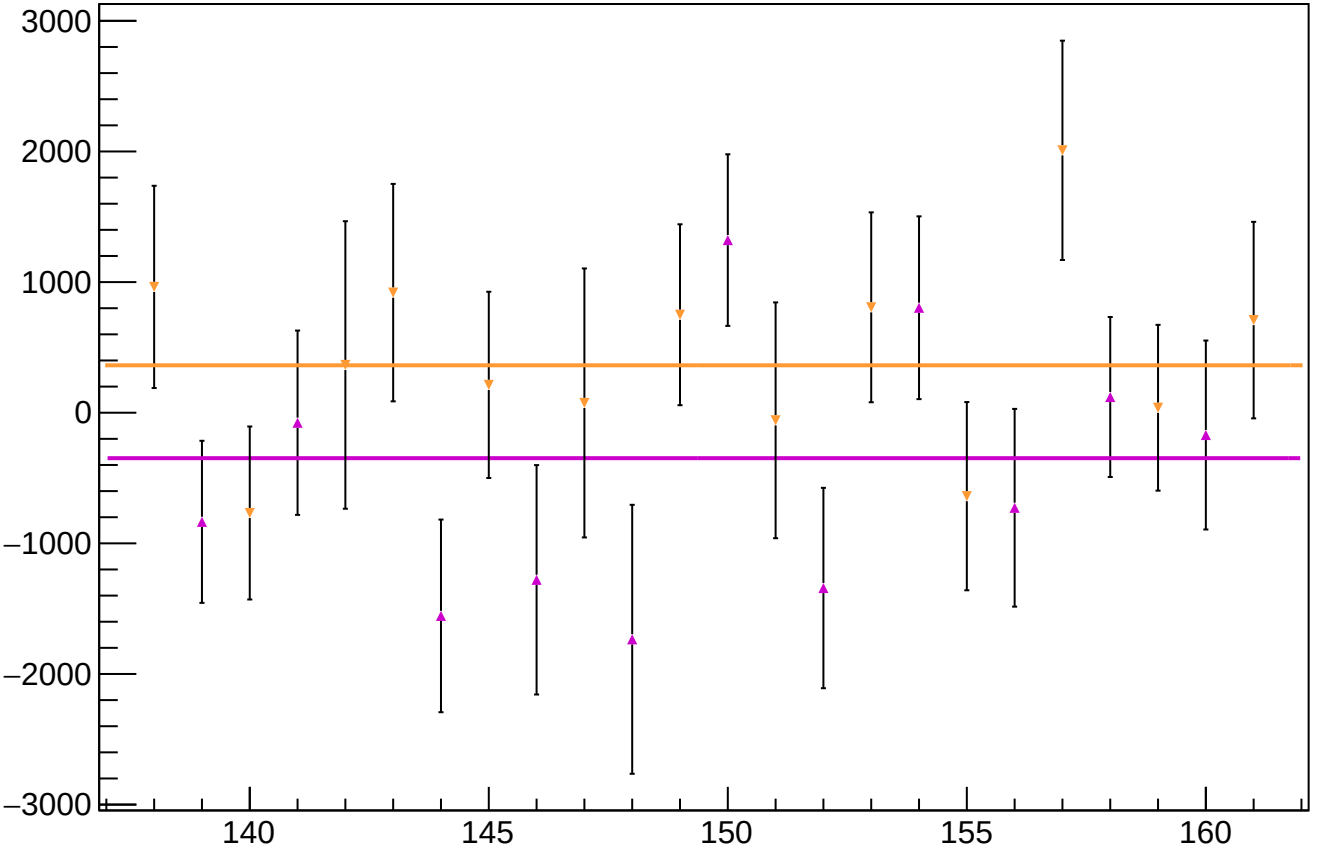
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 110.239+/-0.026 χ^2/NDF:150952.1/10

Out: 107.813+/-0.025 χ^2/NDF:146681.4/12

All: 108.956+/-0.018 χ^2/NDF: 302231.5/23

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 363.077+/-213.542 χ^2/NDF:11.2/12

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

Left In: -347.965+/-217.857 χ^2/NDF:18.1/10

Left: 14.666+/-152.500 χ^2/NDF: 34.8/23

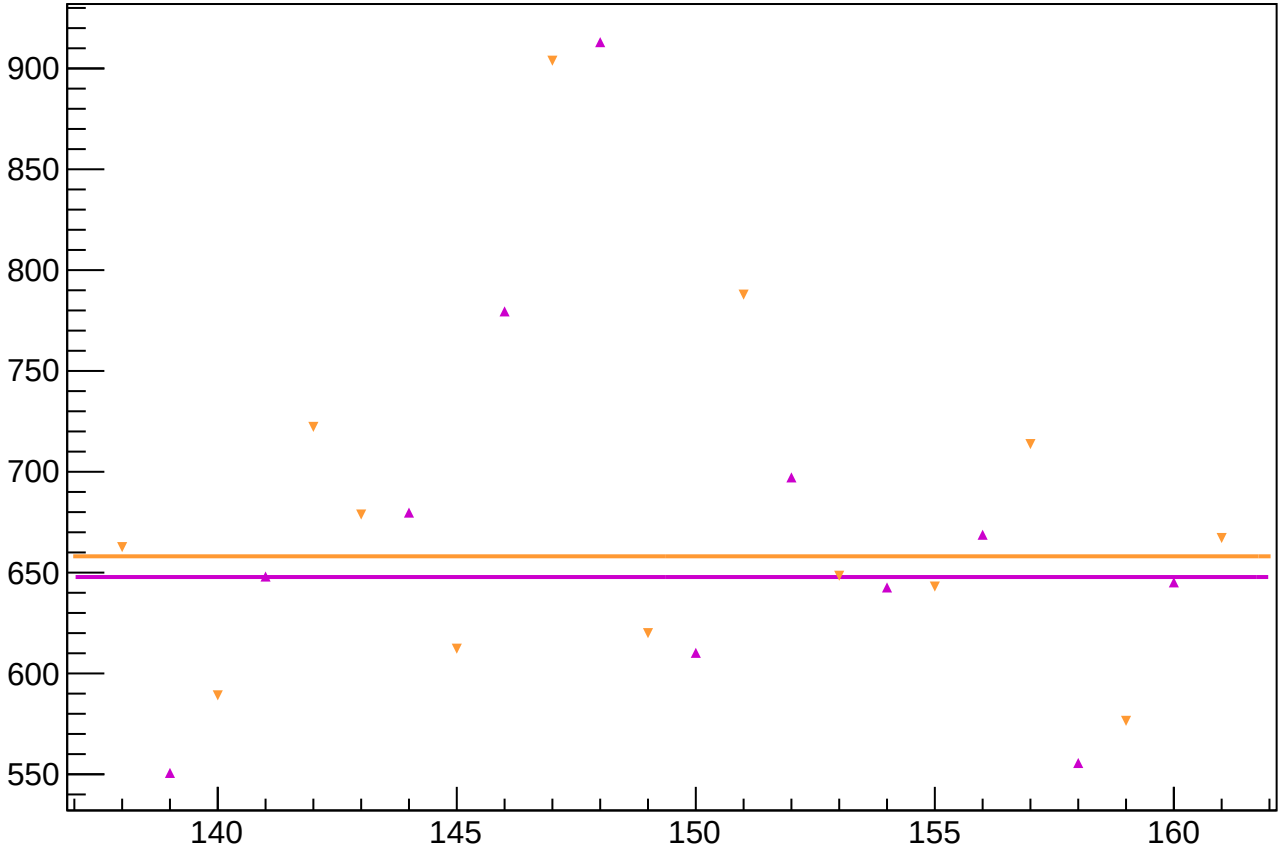
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -347.965+/-217.857 χ^2/NDF:18.1/10

Out: 363.077+/-213.542 χ^2/NDF:11.2/12

All: 14.666+/-152.500 χ^2/NDF: 34.8/23

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 658.084+/-0.151 χ^2/NDF:242733.8/12

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

Left In: 647.813+/-0.154 χ^2/NDF:292368.9/10

Left: 653.051+/-0.108 χ^2/NDF: 537369.6/23

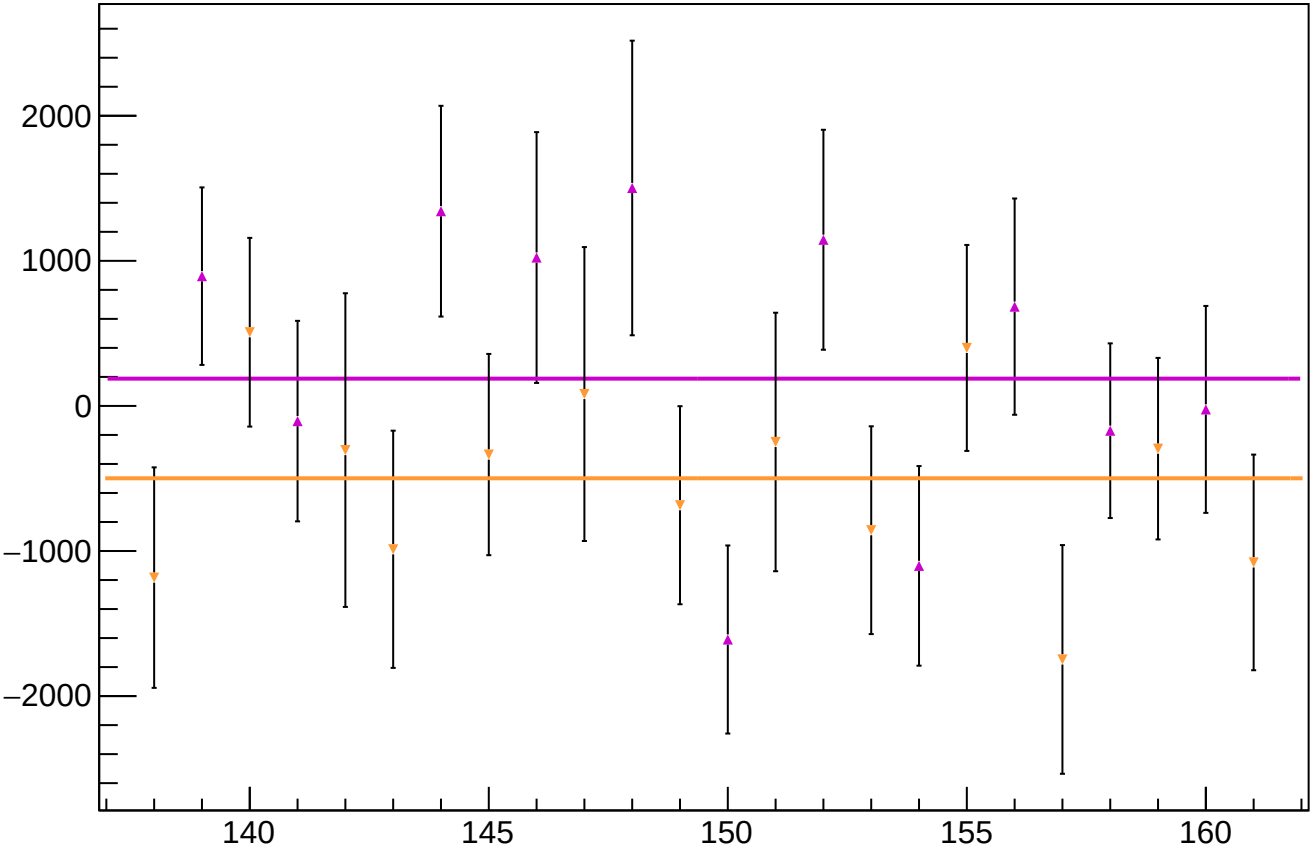
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 647.813+/-0.154 χ^2/NDF:292368.9/10

Out: 658.084+/-0.151 χ^2/NDF:242733.8/12

All: 653.051+/-0.108 χ^2/NDF: 537369.6/23

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -498.784+/-209.357 χ^2/NDF:9.2/12

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

Left In: 188.109+/-214.527 χ^2/NDF:20.3/10

Left: -163.715+/-149.832 χ^2/NDF: 34.8/23

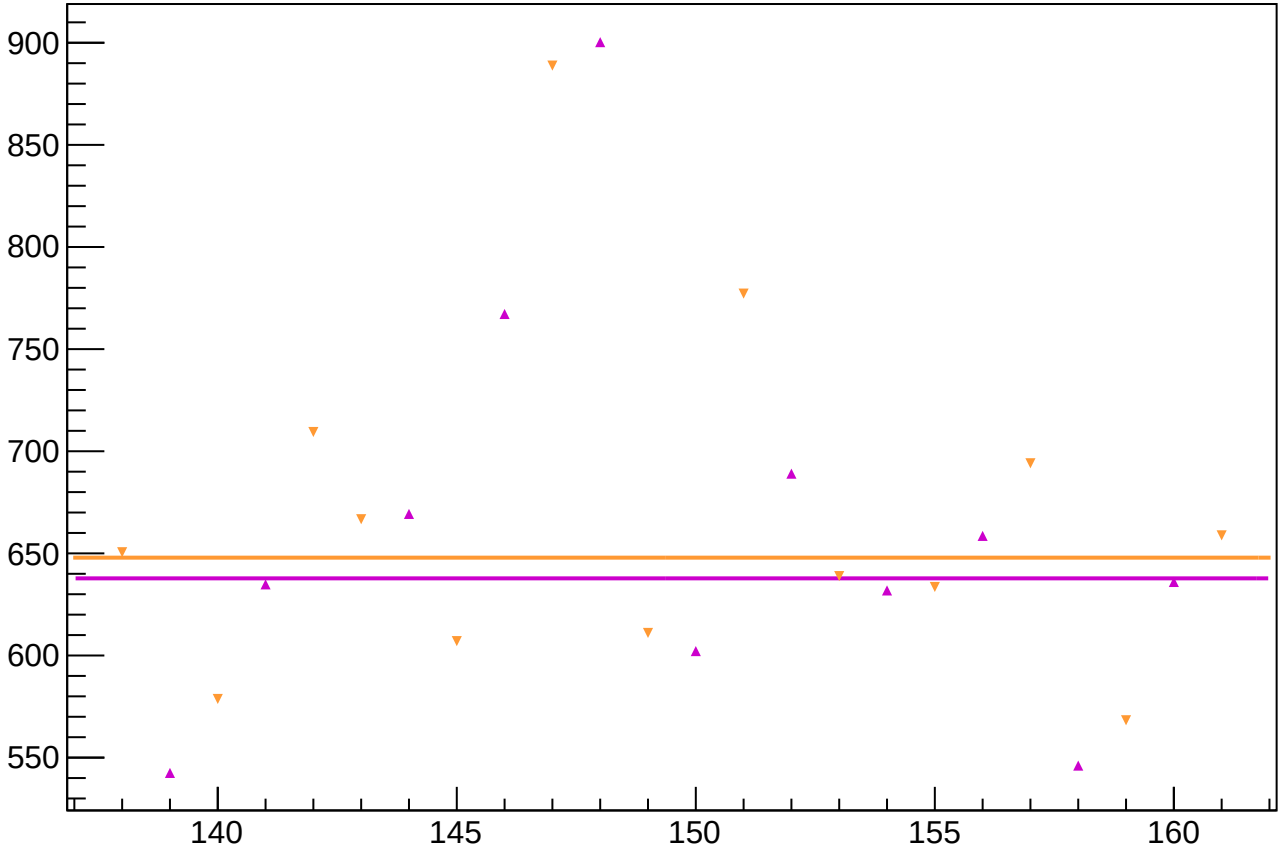
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 188.109+/-214.527 χ^2/NDF:20.3/10

Out: -498.784+/-209.357 χ^2/NDF:9.2/12

All: -163.715+/-149.832 χ^2/NDF: 34.8/23

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 647.908+/-0.148 χ^2/NDF:239035.6/12

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

Left In: 637.769+/-0.152 χ^2/NDF:294143.7/10

Left: 642.962+/-0.106 χ^2/NDF: 535467.2/23

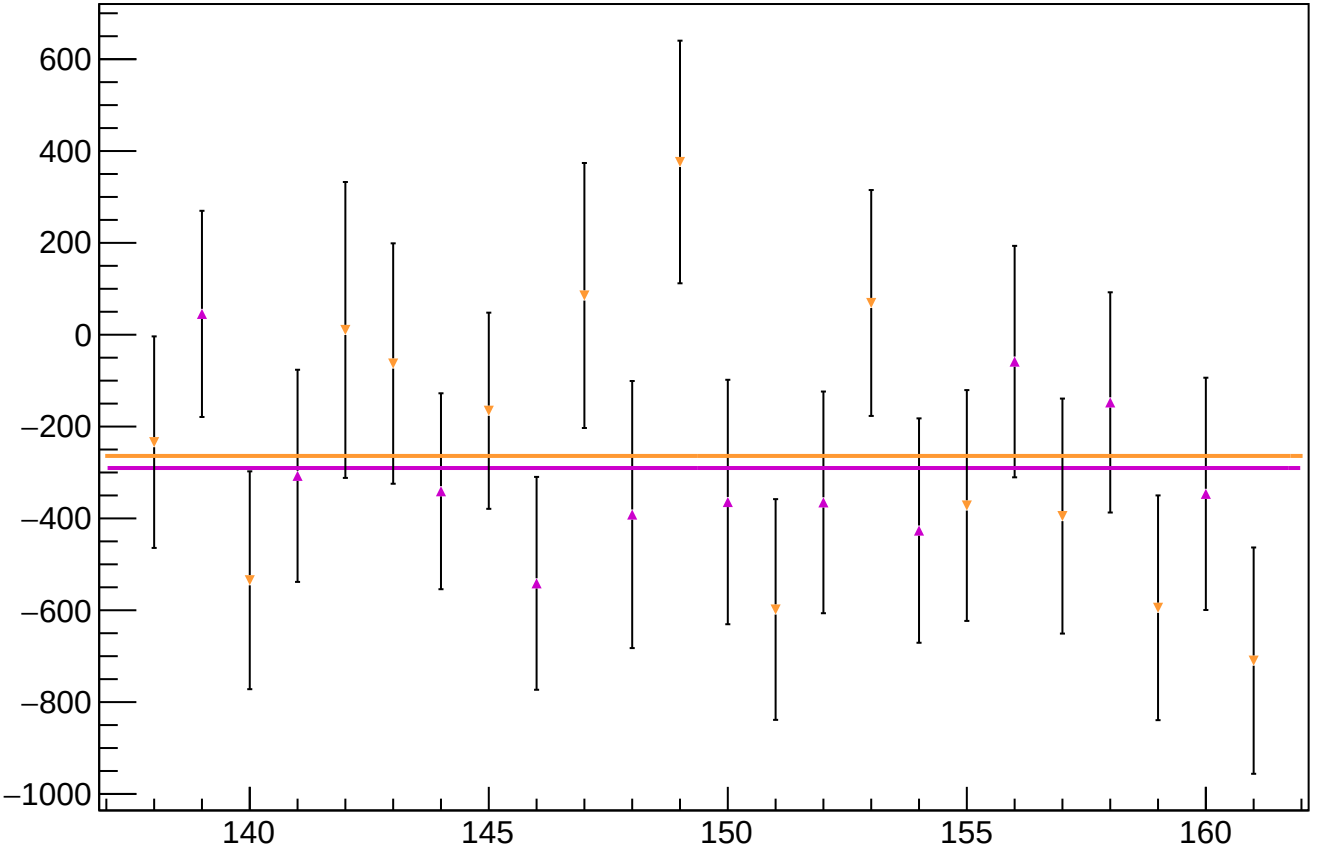
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 637.769+/-0.152 χ^2/NDF:294143.7/10

Out: 647.908+/-0.148 χ^2/NDF:239035.6/12

All: 642.962+/-0.106 χ^2/NDF: 535467.2/23

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -263.948+/-69.465 χ^2/NDF:19.5/12

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

Left In: -290.265+/-72.968 χ^2/NDF:5.3/10

Left: -276.460+/-50.312 χ^2/NDF: 24.9/23

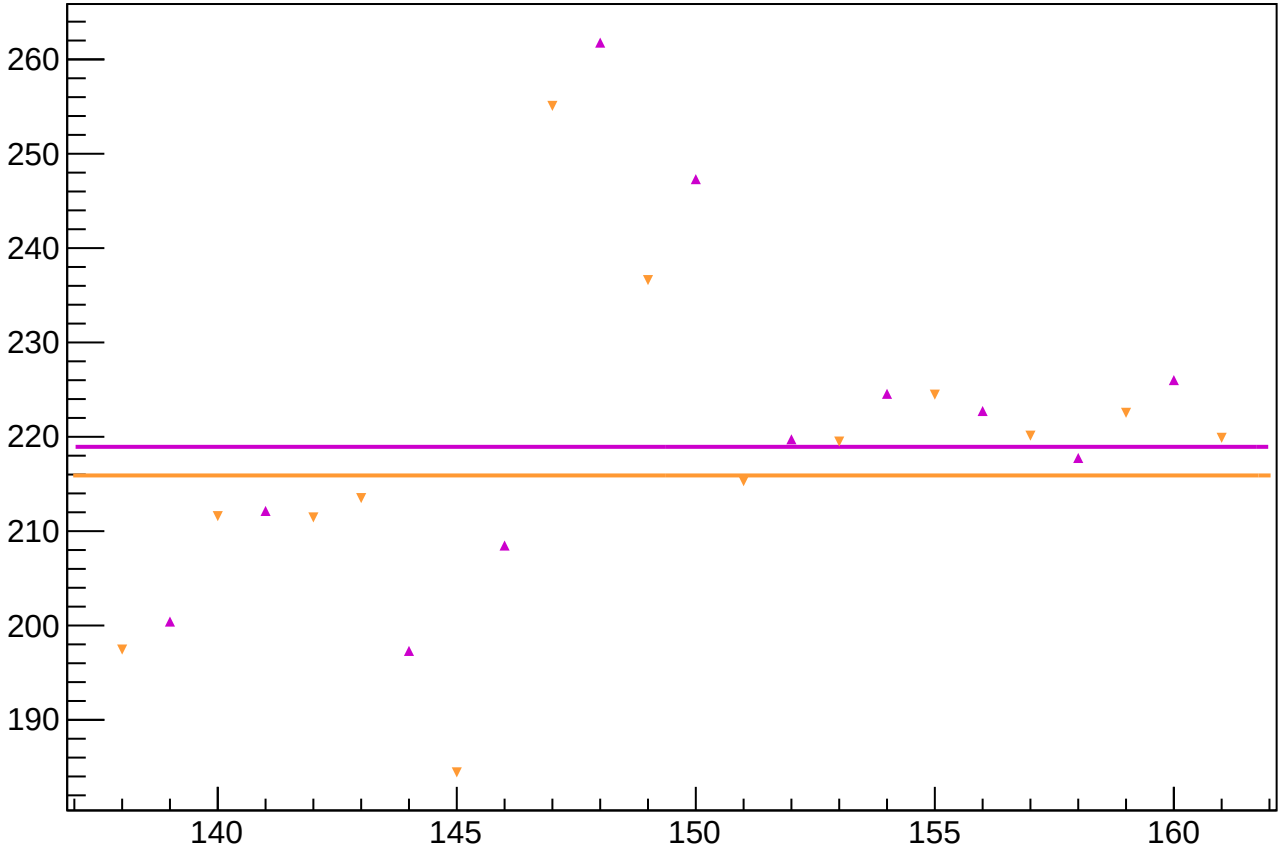
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -290.265+/-72.968 χ^2/NDF:5.3/10

Out: -263.948+/-69.465 χ^2/NDF:19.5/12

All: -276.460+/-50.312 χ^2/NDF: 24.9/23

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 215.905+/-0.049 χ^2/NDF:111908.0/12

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

Left In: 218.938+/-0.052 χ^2/NDF:109266.8/10

Left: 217.347+/-0.036 χ^2/NDF: 222987.3/23

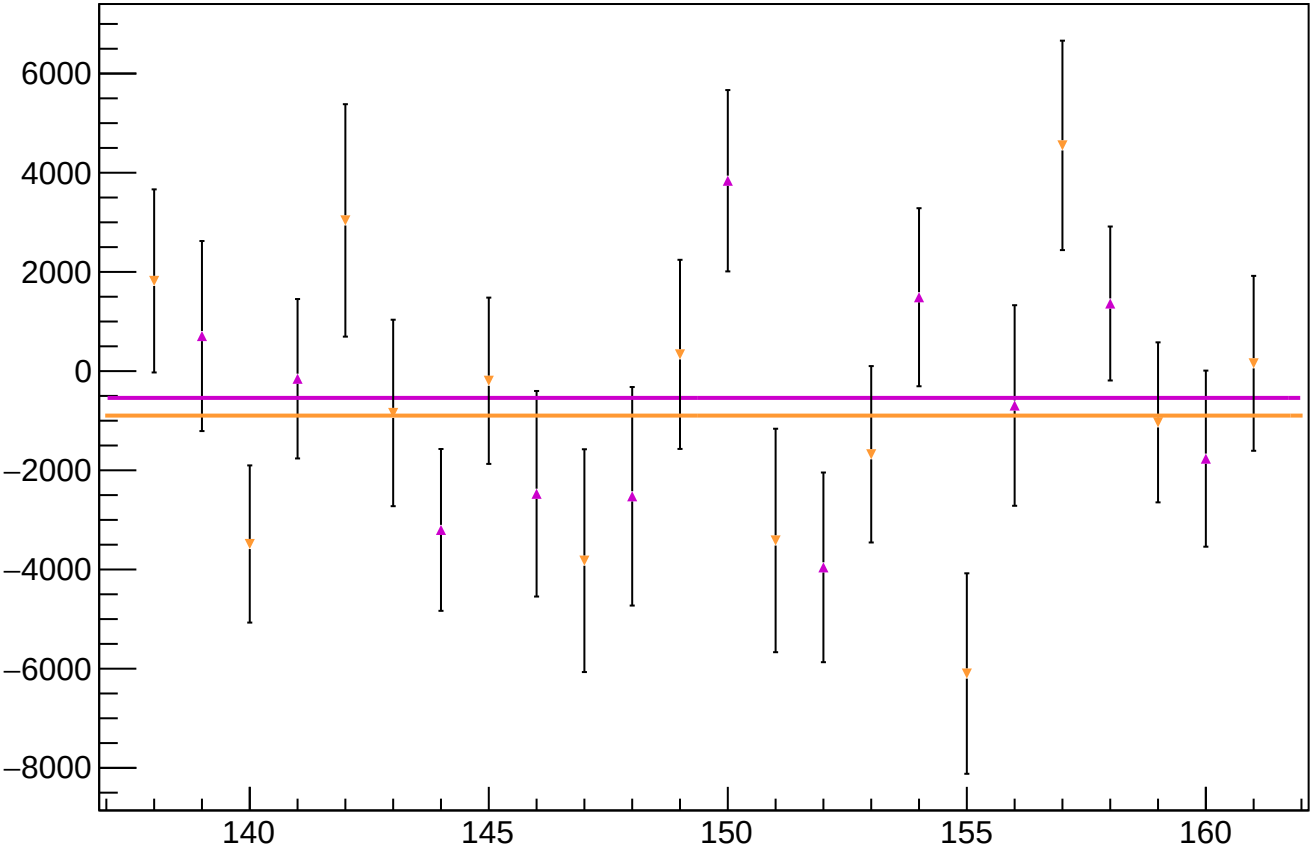
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 218.938+/-0.052 χ^2/NDF:109266.8/10

Out: 215.905+/-0.049 χ^2/NDF:111908.0/12

All: 217.347+/-0.036 χ^2/NDF: 222987.3/23

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -896.753+/-521.713 χ^2/NDF:25.0/12

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

Left In: -540.068+/-547.687 χ^2/NDF:17.0/10

Left: -727.068+/-377.755 χ^2/NDF: 42.3/23

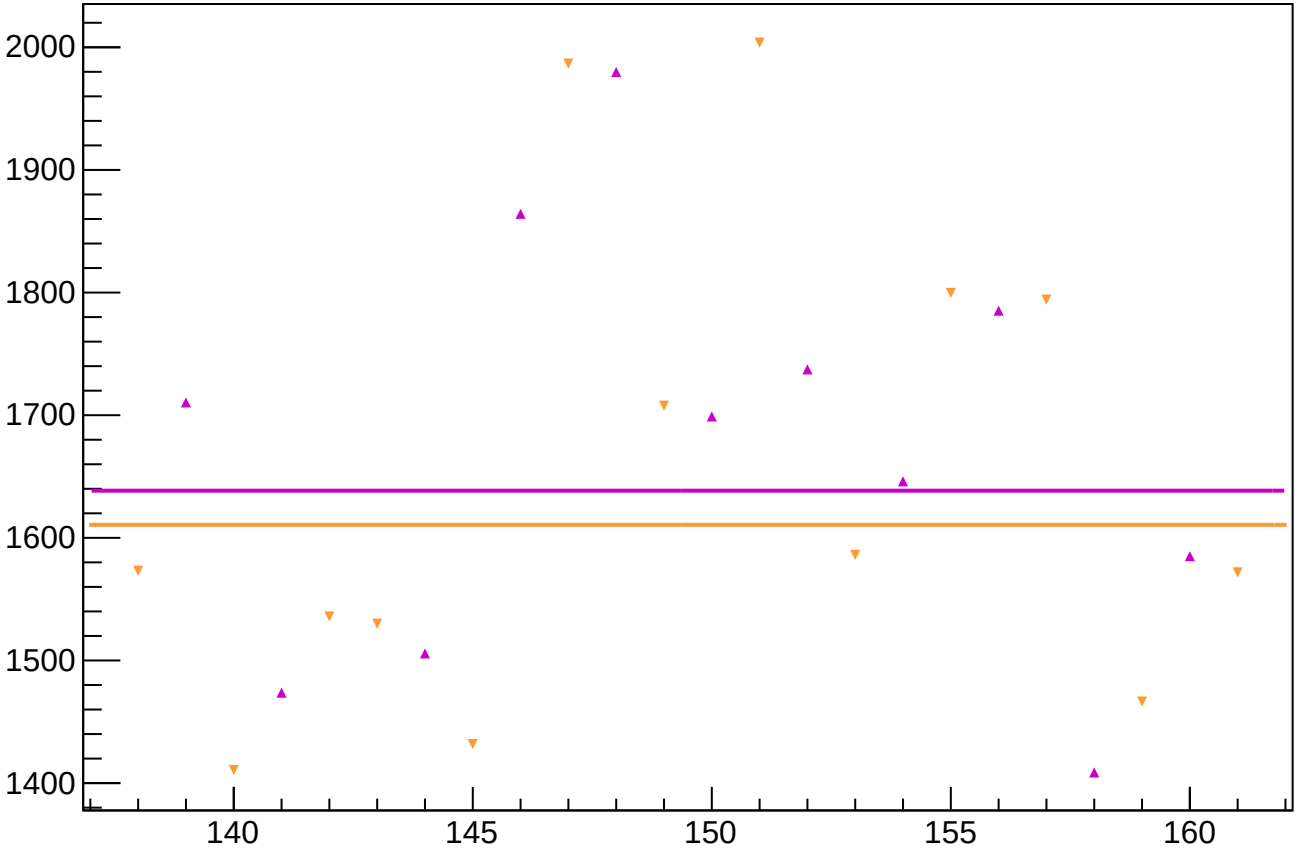
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -540.068+/-547.687 χ^2/NDF:17.0/10

Out: -896.753+/-521.713 χ^2/NDF:25.0/12

All: -727.068+/-377.755 χ^2/NDF: 42.3/23

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1610.609+/-0.369 χ^2/NDF:233214.5/12

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

Left In: 1638.462+/-0.387 χ^2/NDF:172564.3/10

Left: 1623.859+/-0.267 χ^2/NDF: 408490.6/23

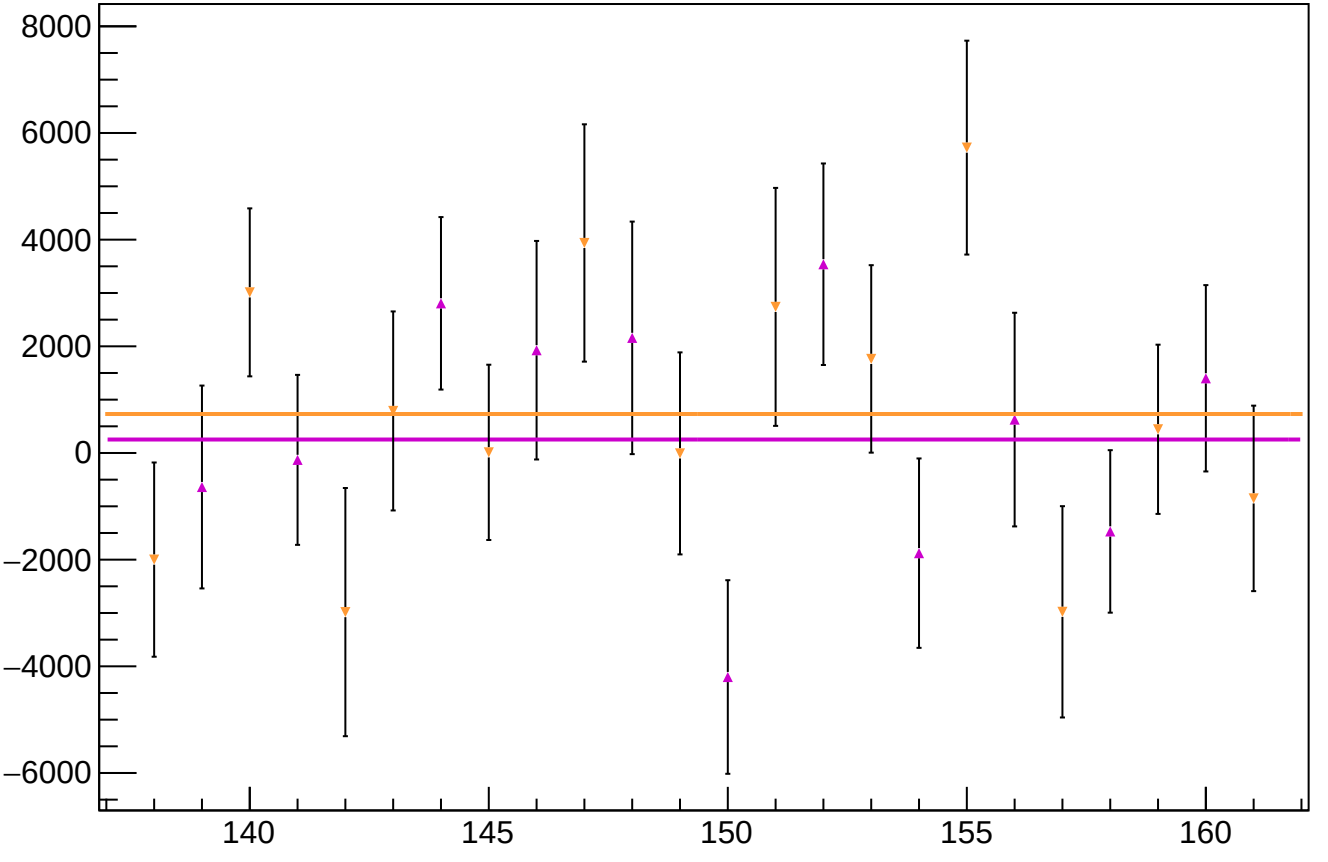
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1638.462+/-0.387 χ^2/NDF:172564.3/10

Out: 1610.609+/-0.369 χ^2/NDF:233214.5/12

All: 1623.859+/-0.267 χ^2/NDF: 408490.6/23

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 730.866+/-514.070 χ^2/NDF:21.0/12

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

Left In: 252.523+/-541.530 χ^2/NDF:16.4/10

Left: 504.130+/-372.832 χ^2/NDF: 37.9/23

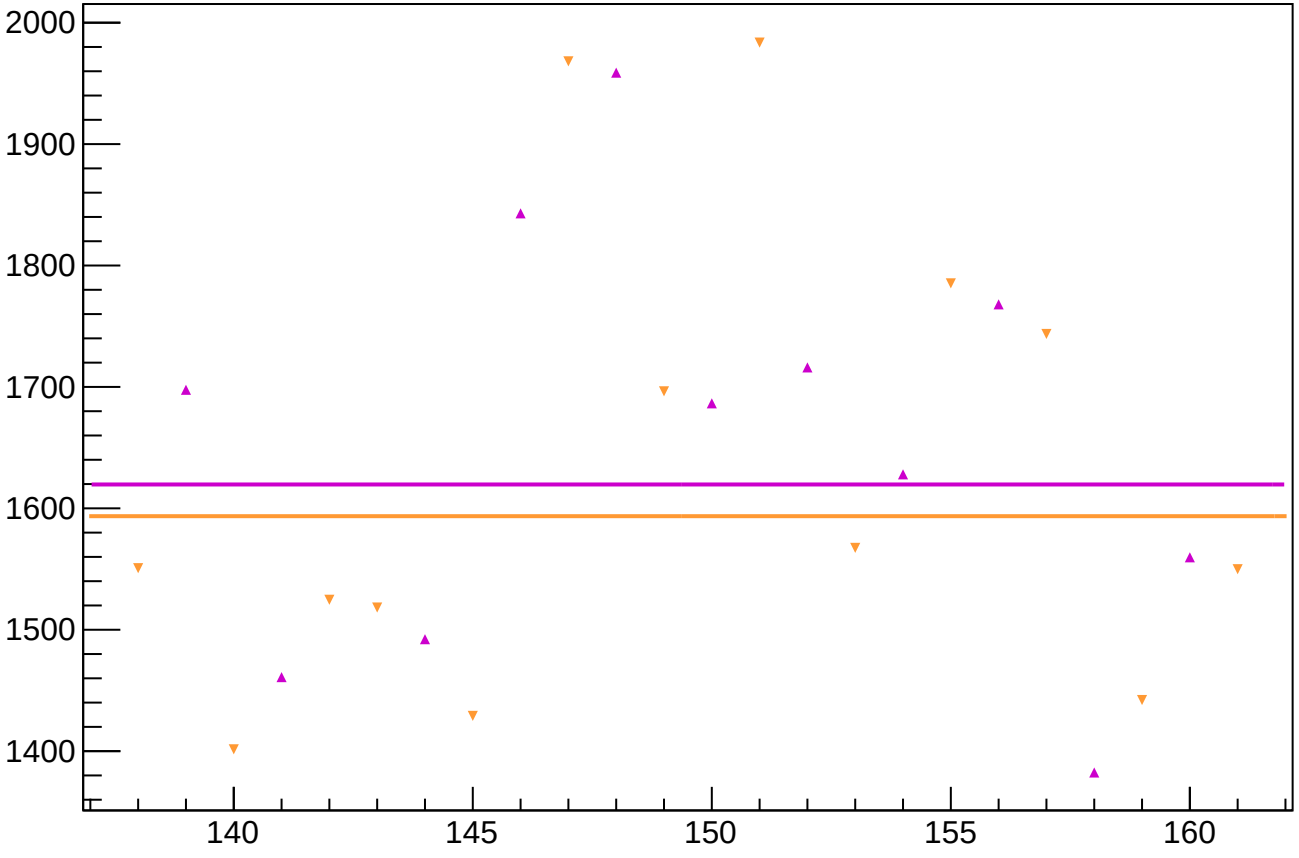
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 252.523+/-541.530 χ^2/NDF:16.4/10

Out: 730.866+/-514.070 χ^2/NDF:21.0/12

All: 504.130+/-372.832 χ^2/NDF: 37.9/23

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1593.536+/-0.364 χ^2/NDF:229307.2/12

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

Left In: 1619.655+/-0.383 χ^2/NDF:177583.6/10

Left: 1605.916+/-0.264 χ^2/NDF: 409338.2/23

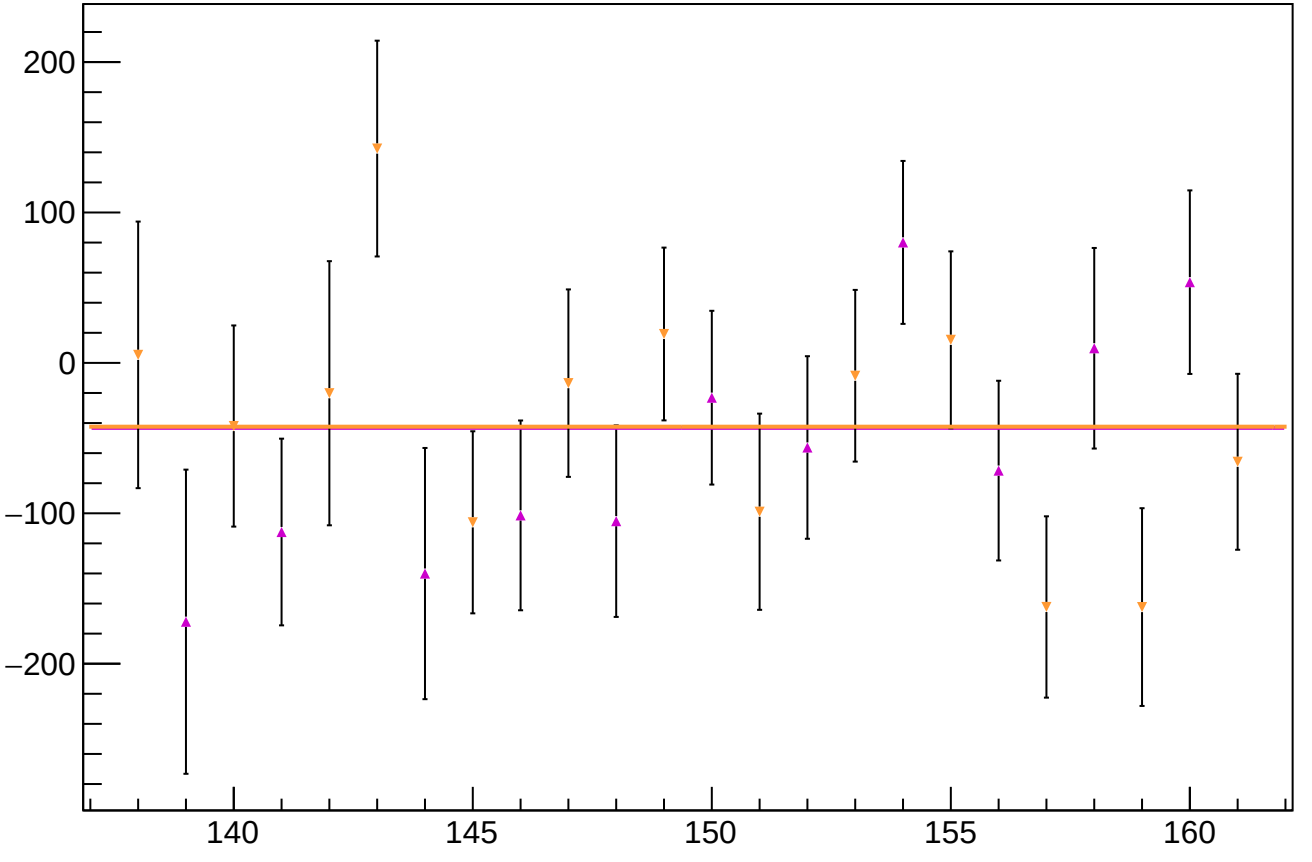
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1619.655+/-0.383 χ^2/NDF:177583.6/10

Out: 1593.536+/-0.364 χ^2/NDF:229307.2/12

All: 1605.916+/-0.264 χ^2/NDF: 409338.2/23

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -42.416+/-17.851 χ^2/NDF:19.0/12

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

Left In: -43.174+/-19.301 χ^2/NDF:14.7/10

Left: -42.766+/-13.105 χ^2/NDF: 33.7/23

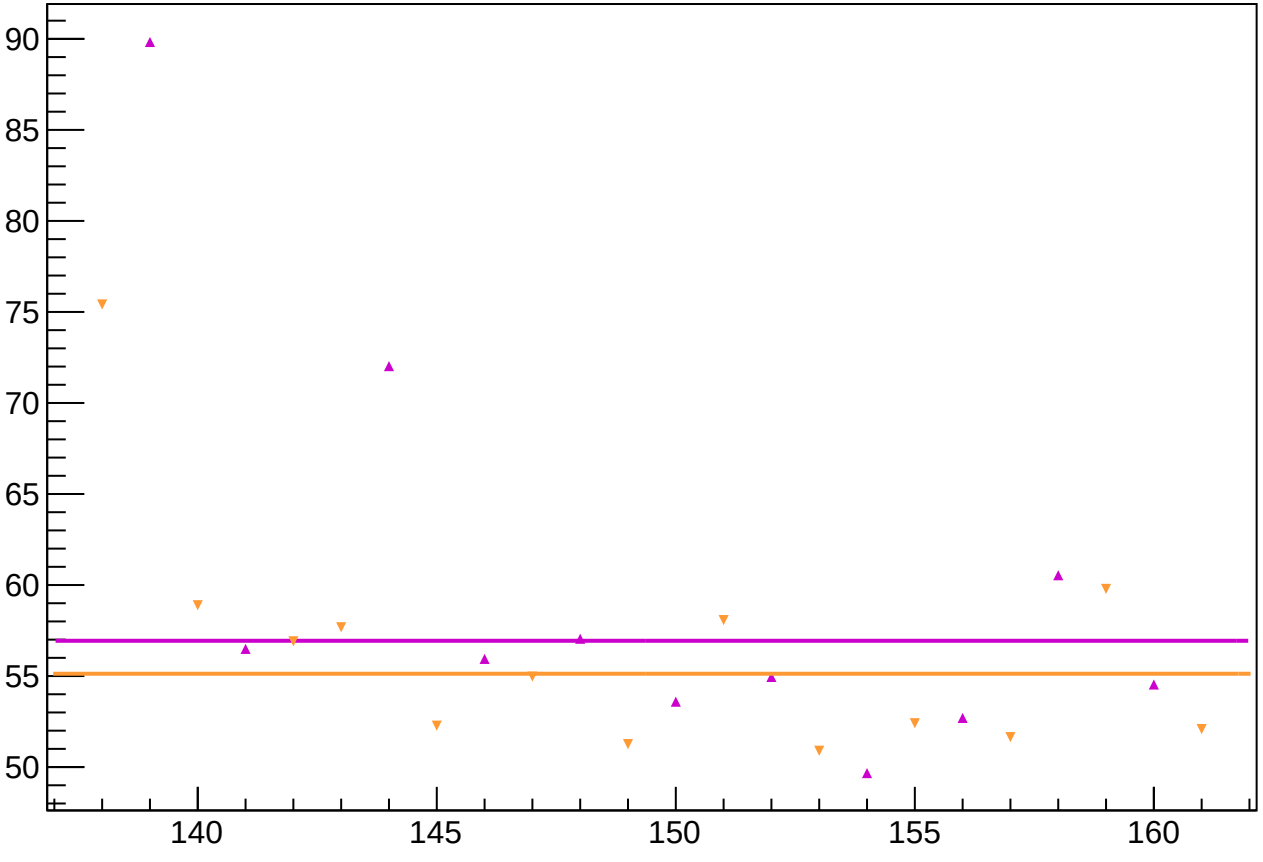
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -43.174+/-19.301 χ^2/NDF:14.7/10

Out: -42.416+/-17.851 χ^2/NDF:19.0/12

All: -42.766+/-13.105 χ^2/NDF: 33.7/23

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 55.127+/-0.013 χ^2/NDF:169432.8/12

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

Left In: 56.938+/-0.014 χ^2/NDF:341344.4/10

Left: 55.962+/-0.009 χ^2/NDF: 520264.1/23

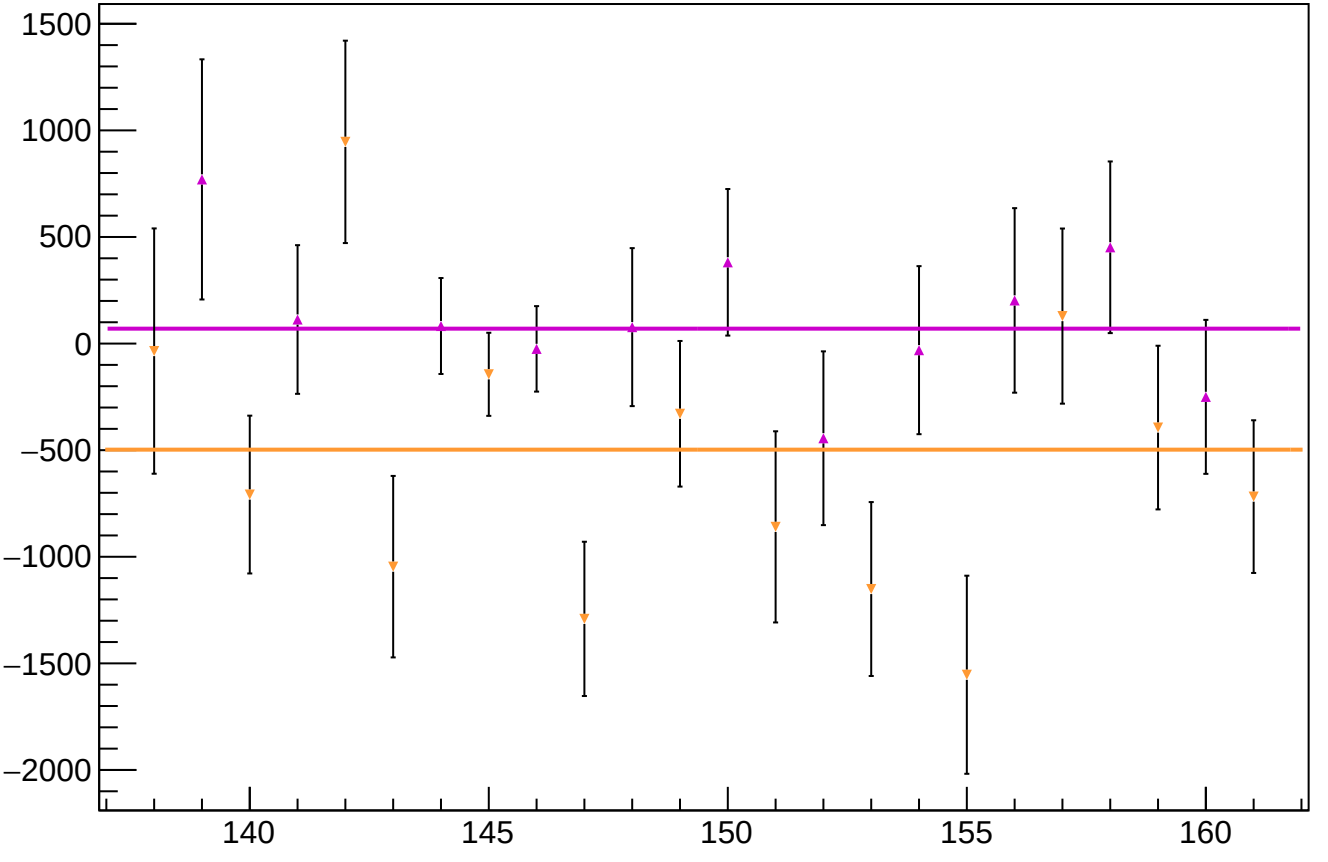
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 56.938+/-0.014 χ^2/NDF:341344.4/10

Out: 55.127+/-0.013 χ^2/NDF:169432.8/12

All: 55.962+/-0.009 χ^2/NDF: 520264.1/23

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -497.563+/-100.525 χ^2/NDF:31.4/12

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

Left In: 69.966+/-98.351 χ^2/NDF:6.0/10

Left: -207.595+/-70.301 χ^2/NDF: 53.7/23

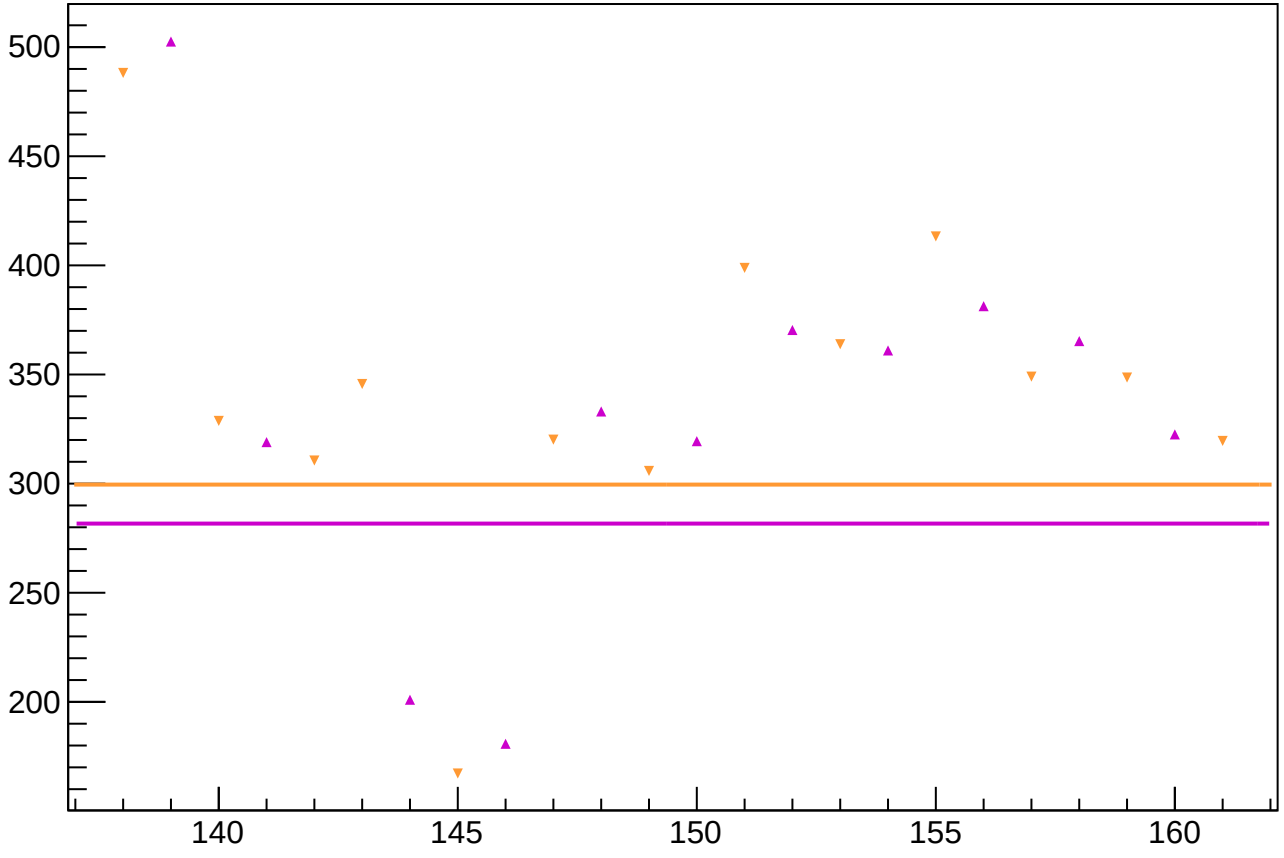
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 69.966+/-98.351 χ^2/NDF:6.0/10

Out: -497.563+/-100.525 χ^2/NDF:31.4/12

All: -207.595+/-70.301 χ^2/NDF: 53.7/23

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 299.559+/-0.071 χ^2/NDF:1517526.2/12

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

Left In: 281.689+/-0.070 χ^2/NDF:1550258.0/10

Left: 290.429+/-0.050 χ^2/NDF: 3100075.6/23

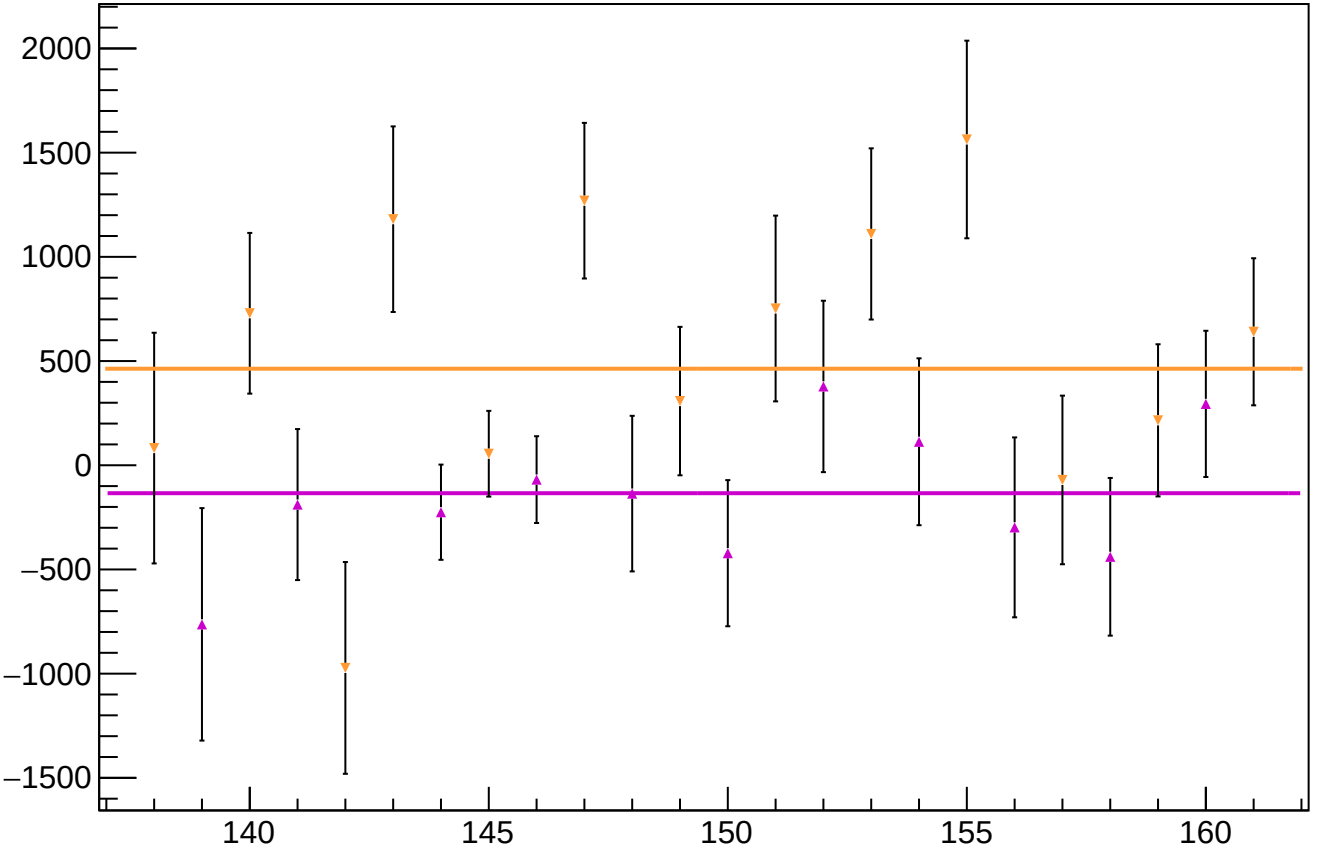
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 281.689+/-0.070 χ^2/NDF:1550258.0/10

Out: 299.559+/-0.071 χ^2/NDF:1517526.2/12

All: 290.429+/-0.050 χ^2/NDF: 3100075.6/23

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 463.247+/-102.785 χ^2/NDF:31.1/12

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

Left In: -134.079+/-99.511 χ^2/NDF:6.4/10

Left: 154.919+/-71.494 χ^2/NDF: 54.9/23

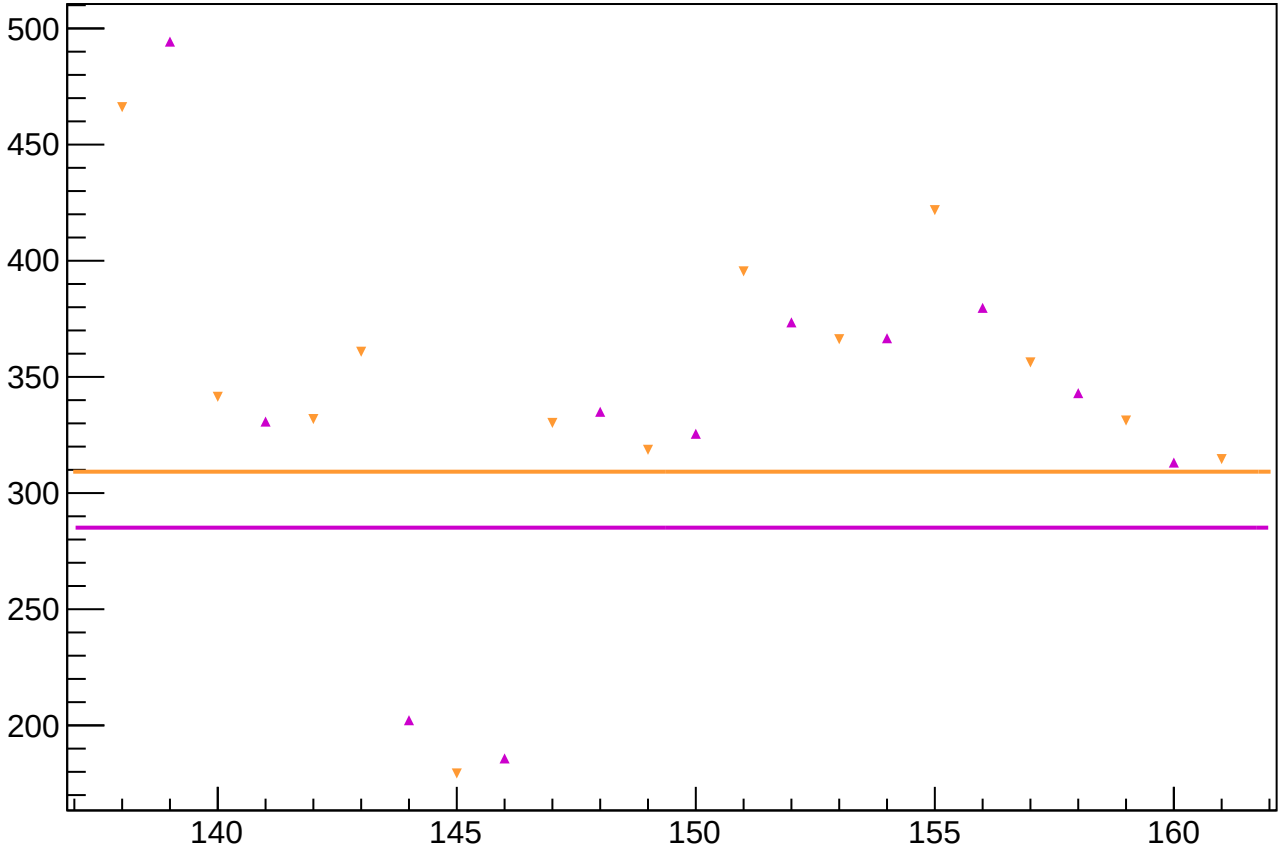
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -134.079+/-99.511 χ^2/NDF:6.4/10

Out: 463.247+/-102.785 χ^2/NDF:31.1/12

All: 154.919+/-71.494 χ^2/NDF: 54.9/23

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 309.205+/-0.073 χ^2/NDF:1271964.8/12

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

Left In: 285.110+/-0.070 χ^2/NDF:1424801.4/10

Left: 296.768+/-0.051 χ^2/NDF: 2753496.7/23

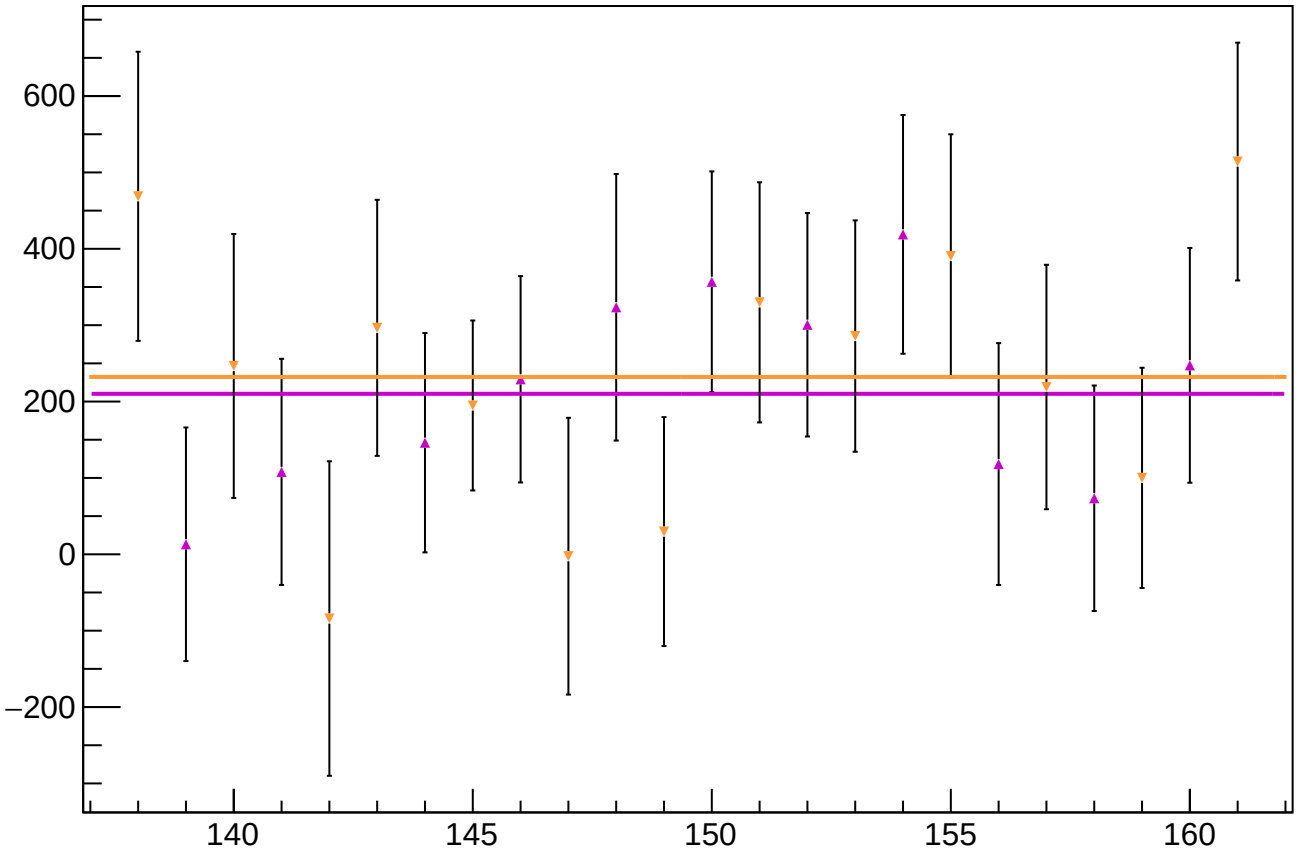
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 285.110+/-0.070 χ^2/NDF:1424801.4/10

Out: 309.205+/-0.073 χ^2/NDF:1271964.8/12

All: 296.768+/-0.051 χ^2/NDF: 2753496.7/23

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 232.245+/-43.512 χ^2/NDF:13.3/12

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

Left In: 210.128+/-45.262 χ^2/NDF:7.2/10

Left: 221.622+/-31.368 χ^2/NDF: 20.7/23

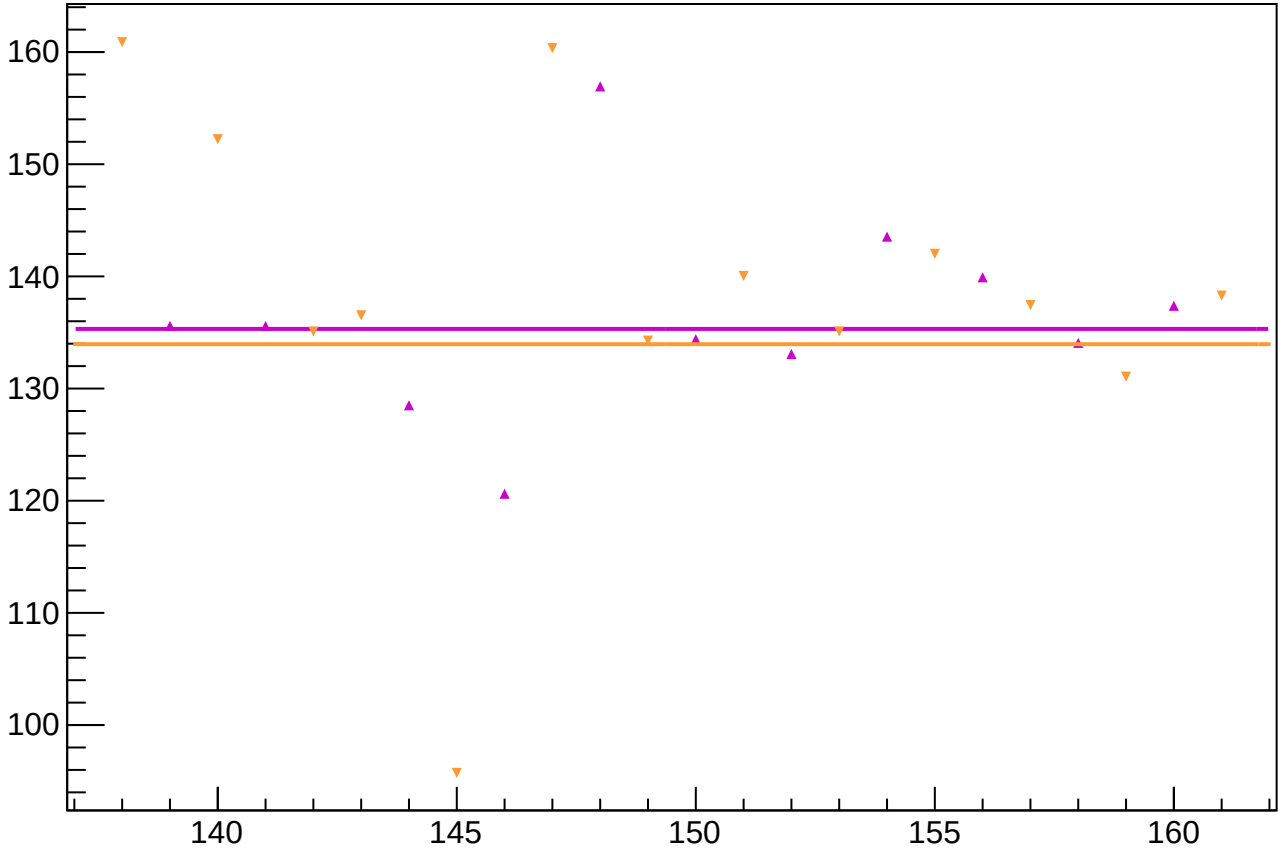
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 210.128+/-45.262 χ^2/NDF:7.2/10

Out: 232.245+/-43.512 χ^2/NDF:13.3/12

All: 221.622+/-31.368 χ^2/NDF: 20.7/23

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 133.956+/-0.031 χ^2/NDF:353399.0/12

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

Left In: 135.317+/-0.032 χ^2/NDF:67152.5/10

Left: 134.610+/-0.022 χ^2/NDF: 421490.9/23

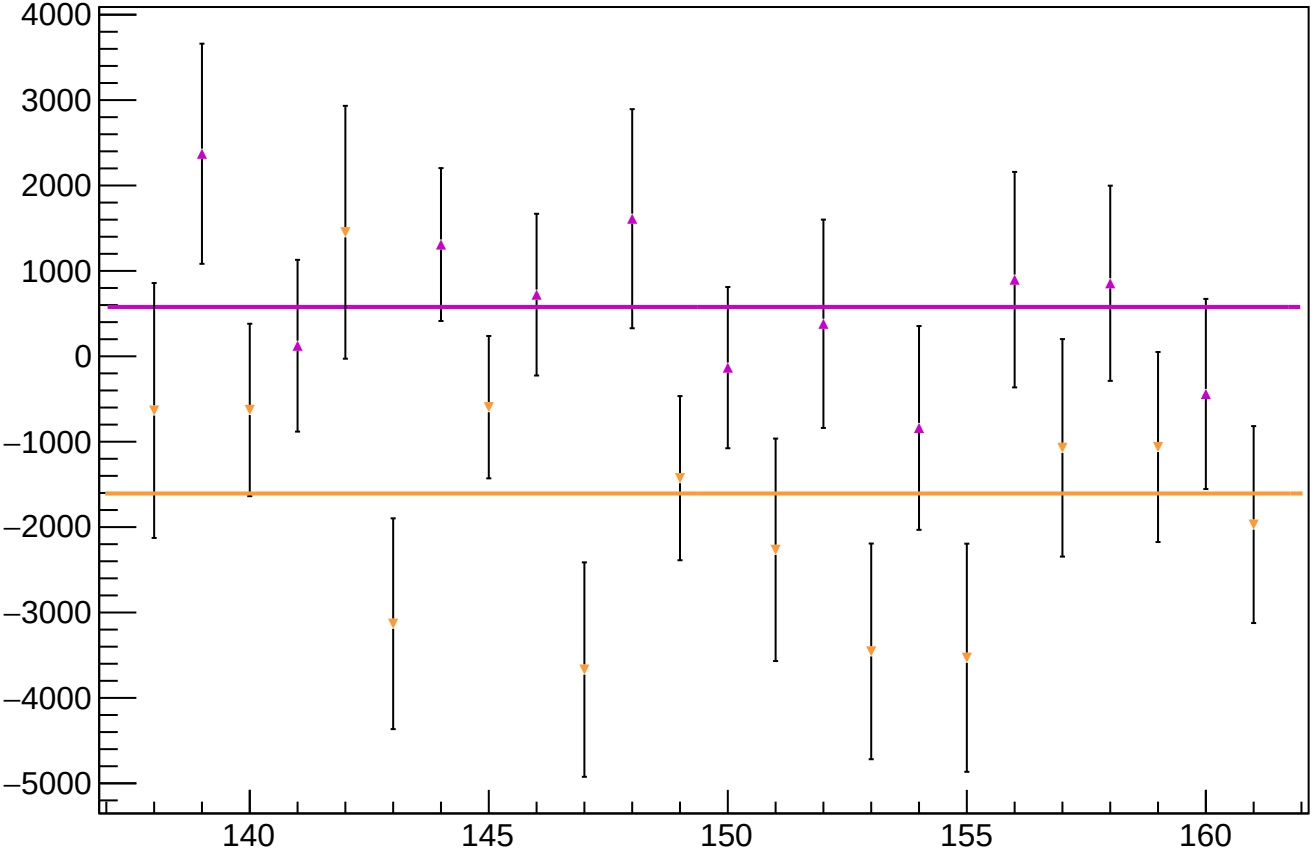
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 135.317+/-0.032 χ^2/NDF:67152.5/10

Out: 133.956+/-0.031 χ^2/NDF:353399.0/12

All: 134.610+/-0.022 χ^2/NDF: 421490.9/23

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1606.266+/-321.837 χ^2/NDF:16.4/12

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

Left In: 577.636+/-328.620 χ^2/NDF:6.4/10

Left: -537.087+/-229.934 χ^2/NDF: 45.3/23

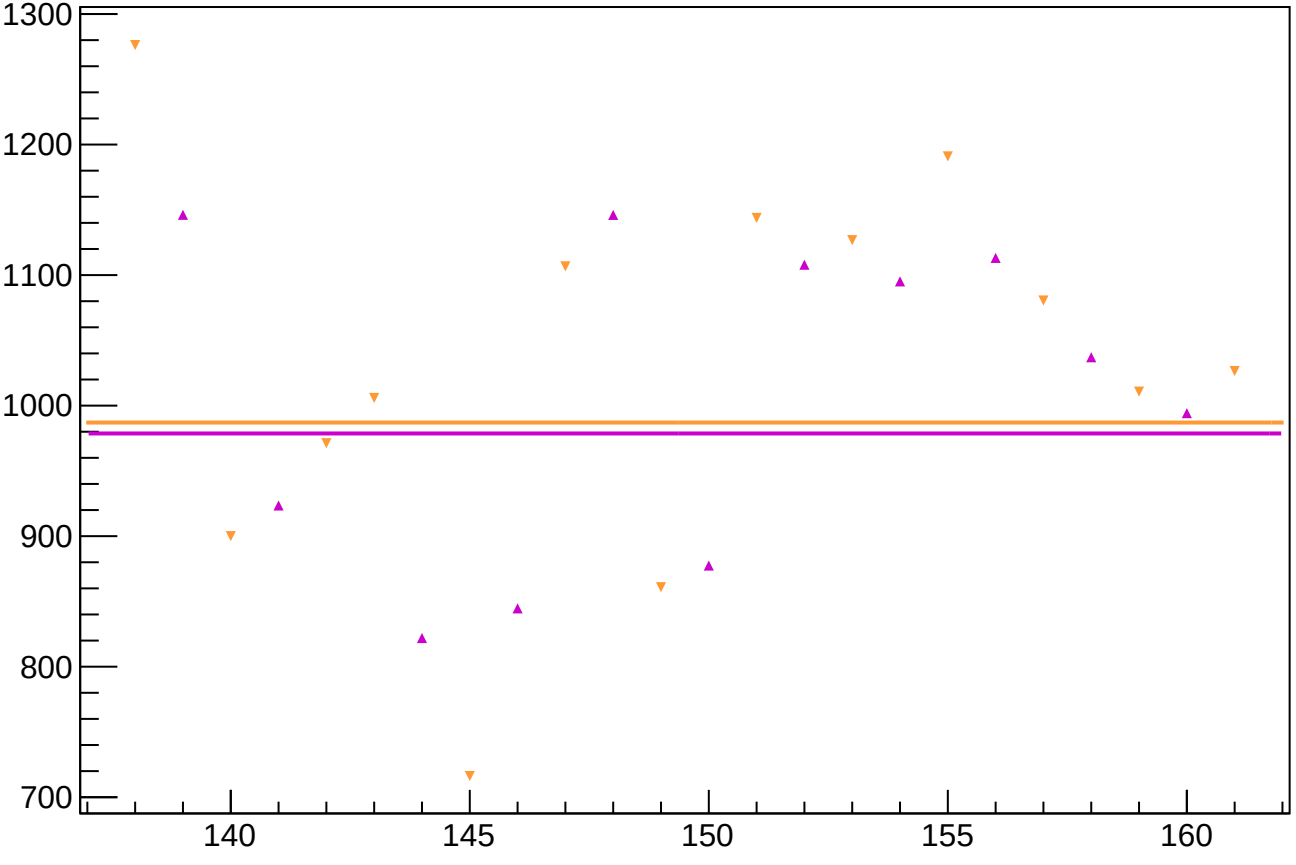
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 577.636+/-328.620 χ^2/NDF:6.4/10

Out: -1606.266+/-321.837 χ^2/NDF:16.4/12

All: -537.087+/-229.934 χ^2/NDF: 45.3/23

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 987.024+/-0.228 χ^2/NDF:468558.2/12

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

Left In: 978.671+/-0.232 χ^2/NDF:268112.0/10

Left: 982.935+/-0.163 χ^2/NDF: 737329.8/23

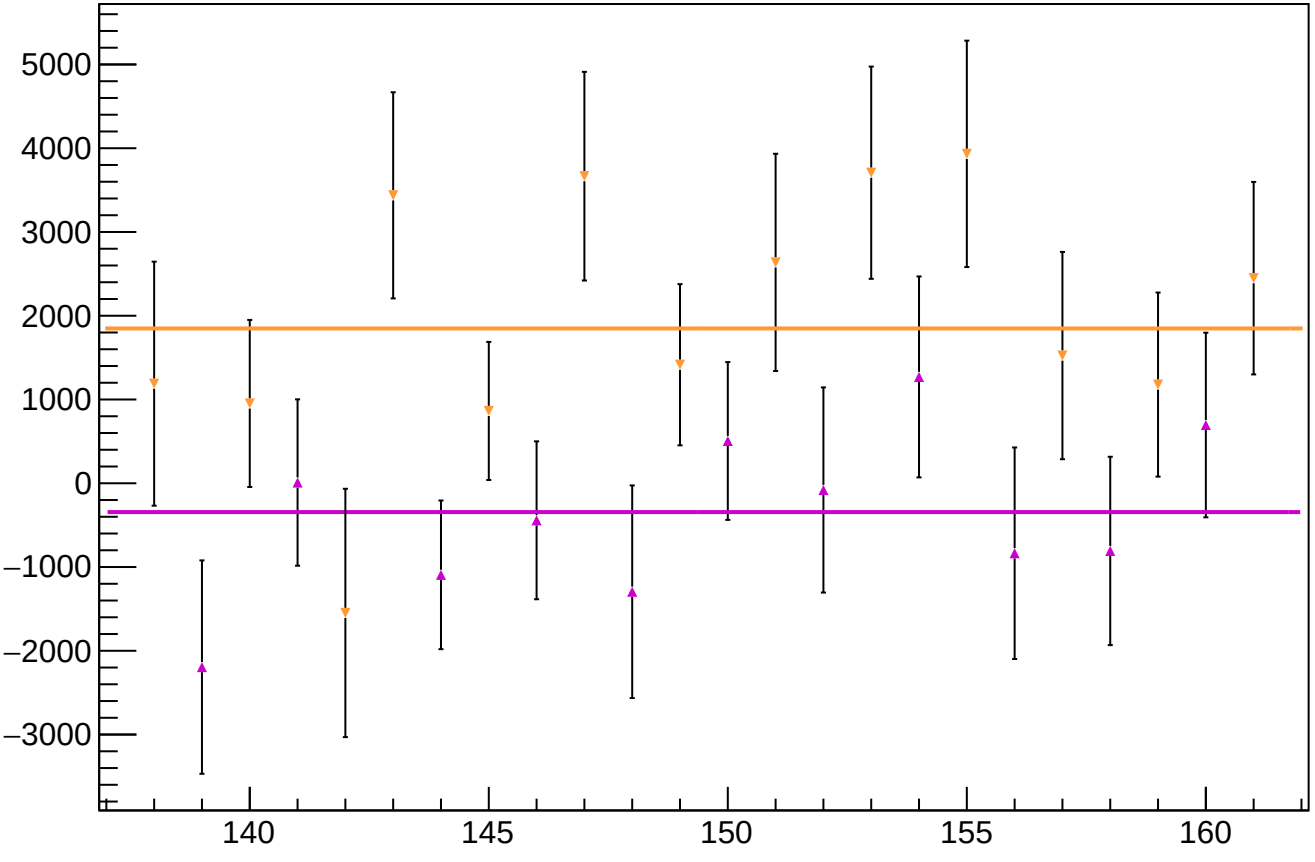
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 978.671+/-0.232 χ^2/NDF:268112.0/10

Out: 987.024+/-0.228 χ^2/NDF:468558.2/12

All: 982.935+/-0.163 χ^2/NDF: 737329.8/23

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1848.641+/-319.562 χ^2/NDF:17.3/12

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

Left In: -344.005+/-326.575 χ^2/NDF:7.4/10

Left: 776.114+/-228.403 χ^2/NDF: 47.7/23

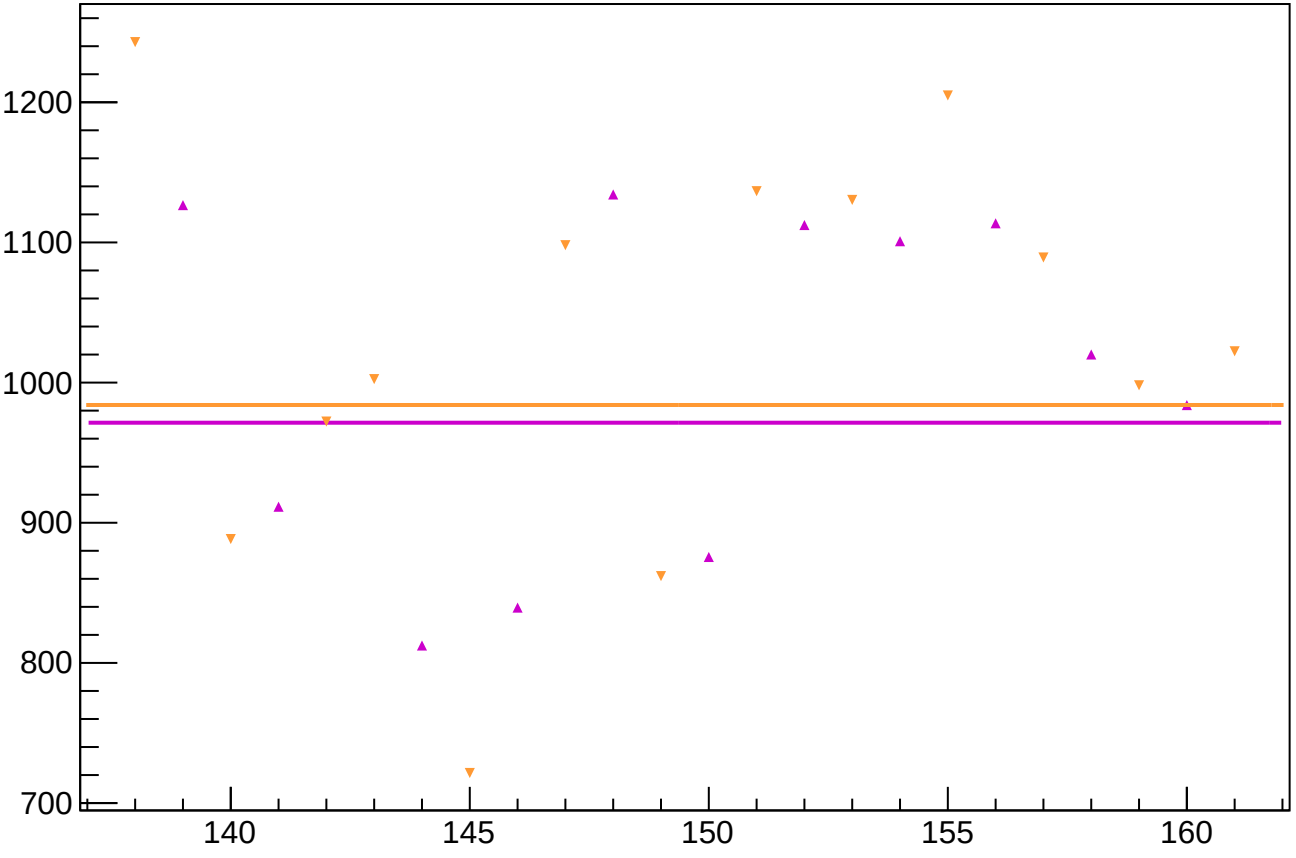
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -344.005+/-326.575 χ^2/NDF:7.4/10

Out: 1848.641+/-319.562 χ^2/NDF:17.3/12

All: 776.114+/-228.403 χ^2/NDF: 47.7/23

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 984.025+/-0.226 χ^2/NDF:458769.6/12

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

Left In: 971.379+/-0.231 χ^2/NDF:273153.8/10

Left: 977.839+/-0.162 χ^2/NDF: 733455.2/23

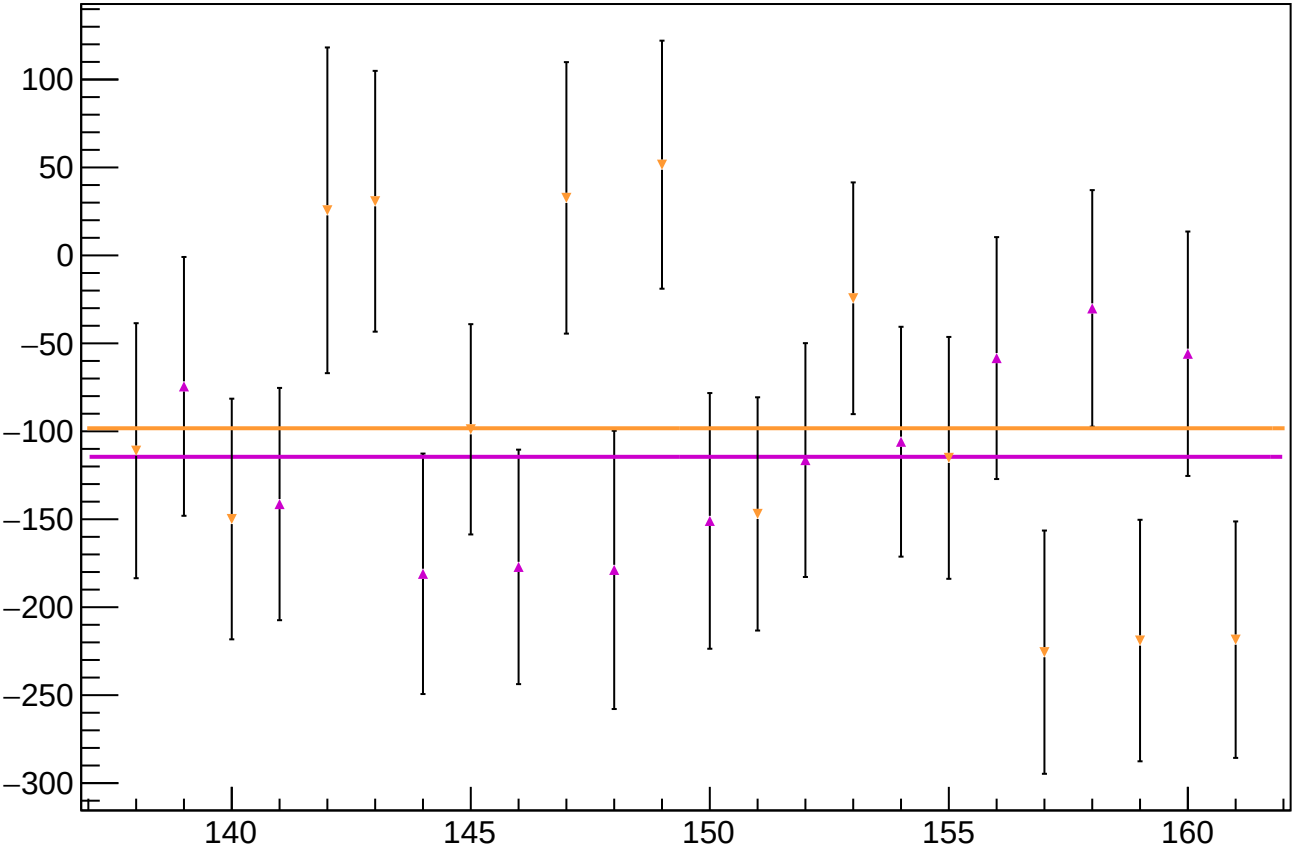
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 971.379+/-0.231 χ^2/NDF:273153.8/10

Out: 984.025+/-0.226 χ^2/NDF:458769.6/12

All: 977.839+/-0.162 χ^2/NDF: 733455.2/23

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: -98.266+/-19.375 χ^2/NDF:24.4/12

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

Left In: -114.502+/-20.839 χ^2/NDF:6.2/10

Left: -105.794+/-14.190 χ^2/NDF: 30.8/23

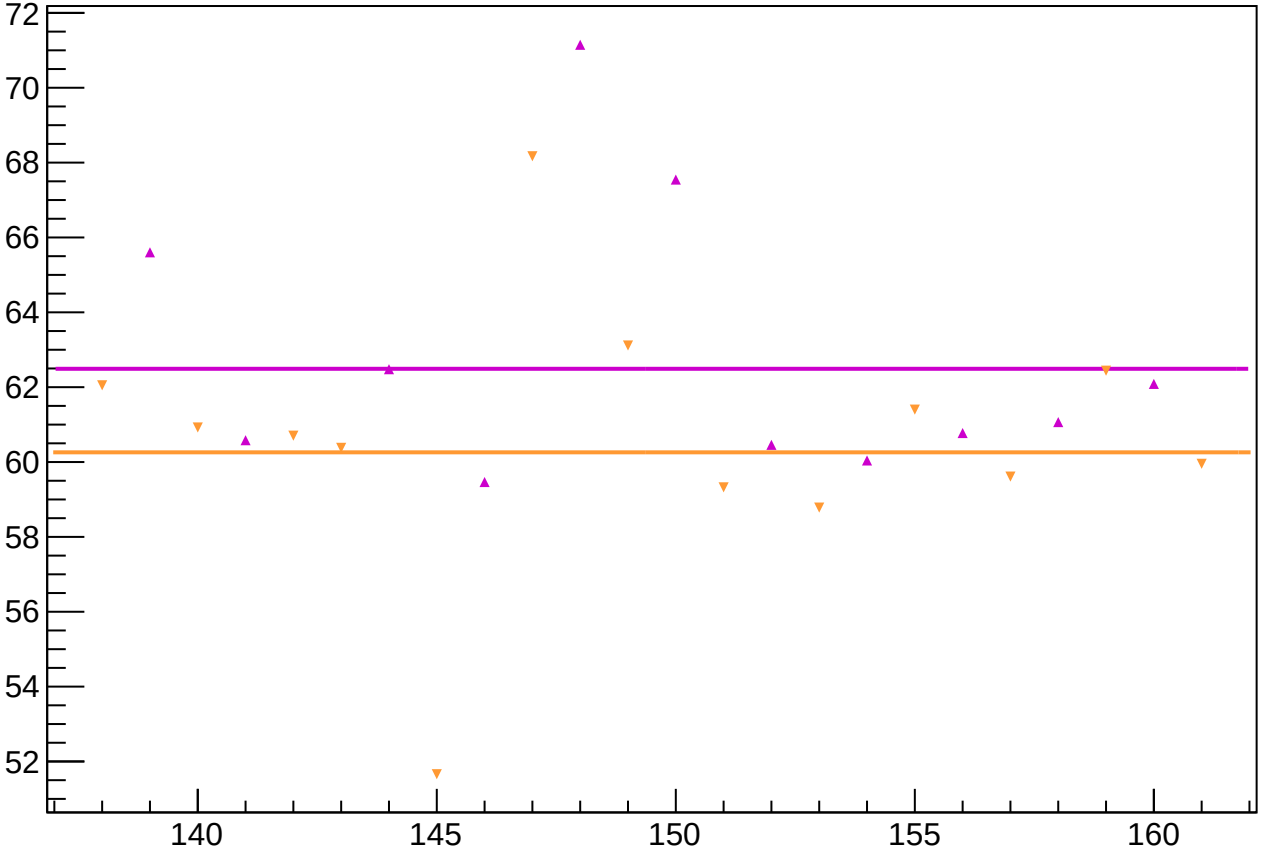
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -114.502+/-20.839 χ^2/NDF:6.2/10

Out: -98.266+/-19.375 χ^2/NDF:24.4/12

All: -105.794+/-14.190 χ^2/NDF: 30.8/23

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: 60.259+/-0.014 χ^2/NDF:71341.1/12

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

Left In: 62.491+/-0.015 χ^2/NDF:49893.9/10

Left: 61.294+/-0.010 χ^2/NDF: 133540.3/23

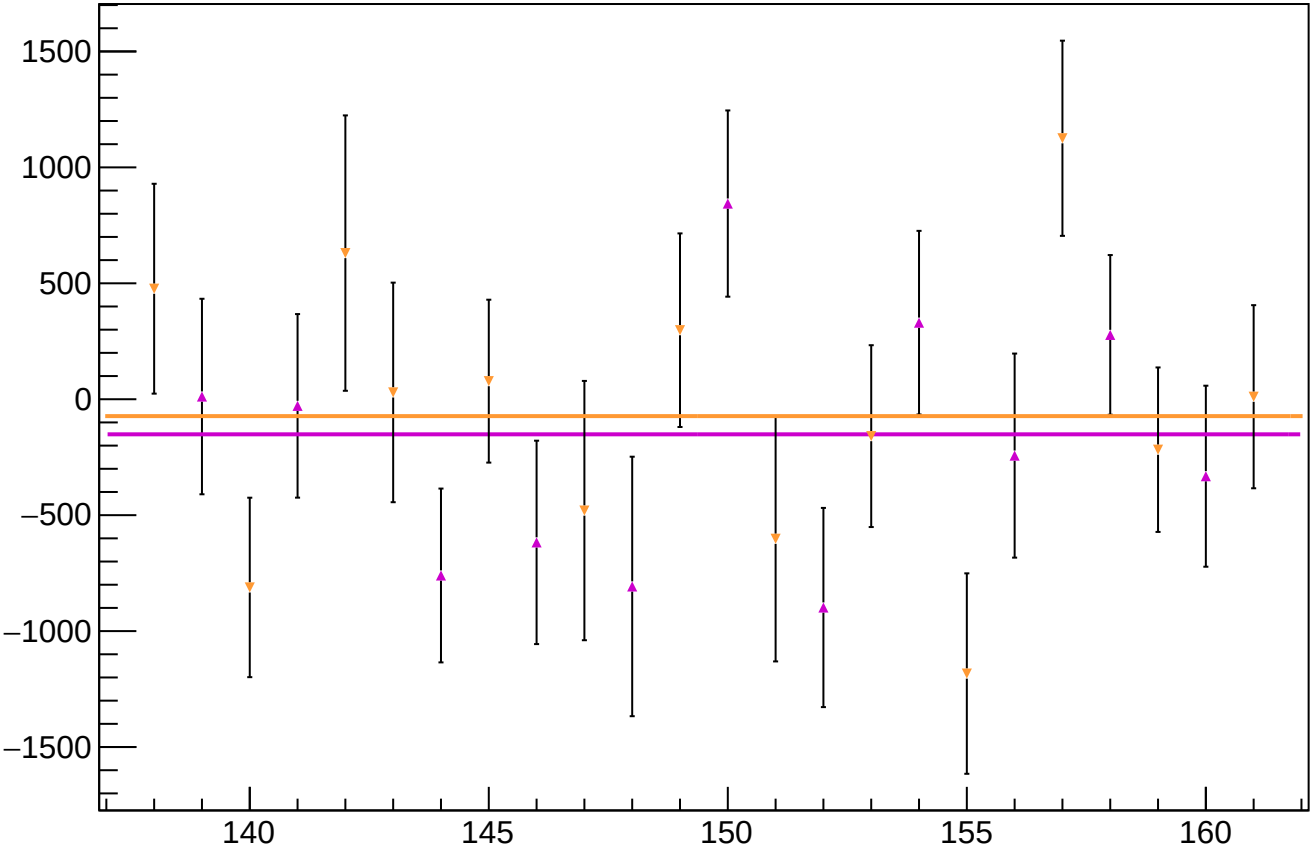
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.491+/-0.015 χ^2/NDF:49893.9/10

Out: 60.259+/-0.014 χ^2/NDF:71341.1/12

All: 61.294+/-0.010 χ^2/NDF: 133540.3/23

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: -72.799+/-118.404 χ^2/NDF:24.0/12

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

Left In: -151.311+/-123.400 χ^2/NDF:17.8/10

Left: -110.433+/-85.436 χ^2/NDF: 42.1/23

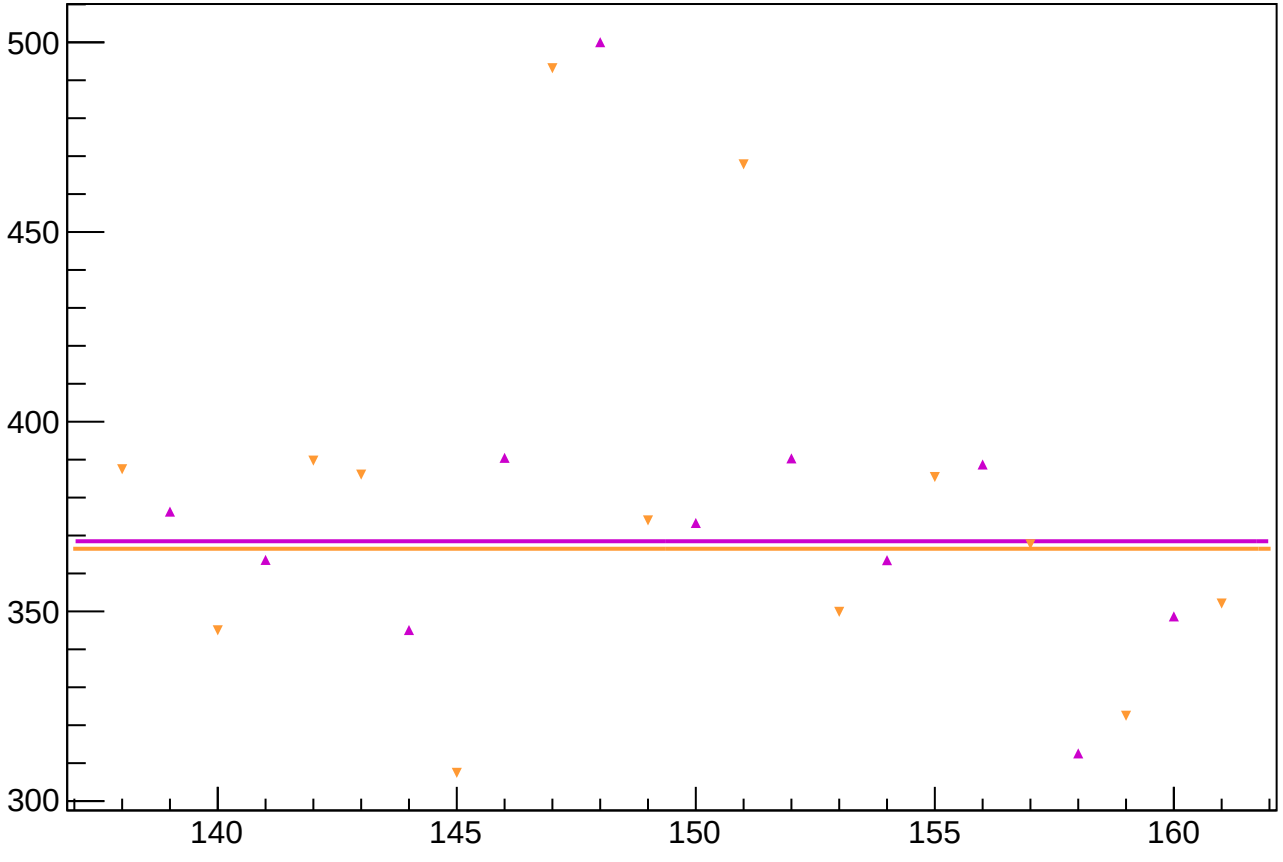
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -151.311+/-123.400 χ^2/NDF:17.8/10

Out: -72.799+/-118.404 χ^2/NDF:24.0/12

All: -110.433+/-85.436 χ^2/NDF: 42.1/23

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: 366.514+/-0.084 χ^2/NDF:291016.7/12

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

Left In: 368.489+/-0.087 χ^2/NDF:192223.2/10

Left: 367.461+/-0.060 χ^2/NDF: 483506.6/23

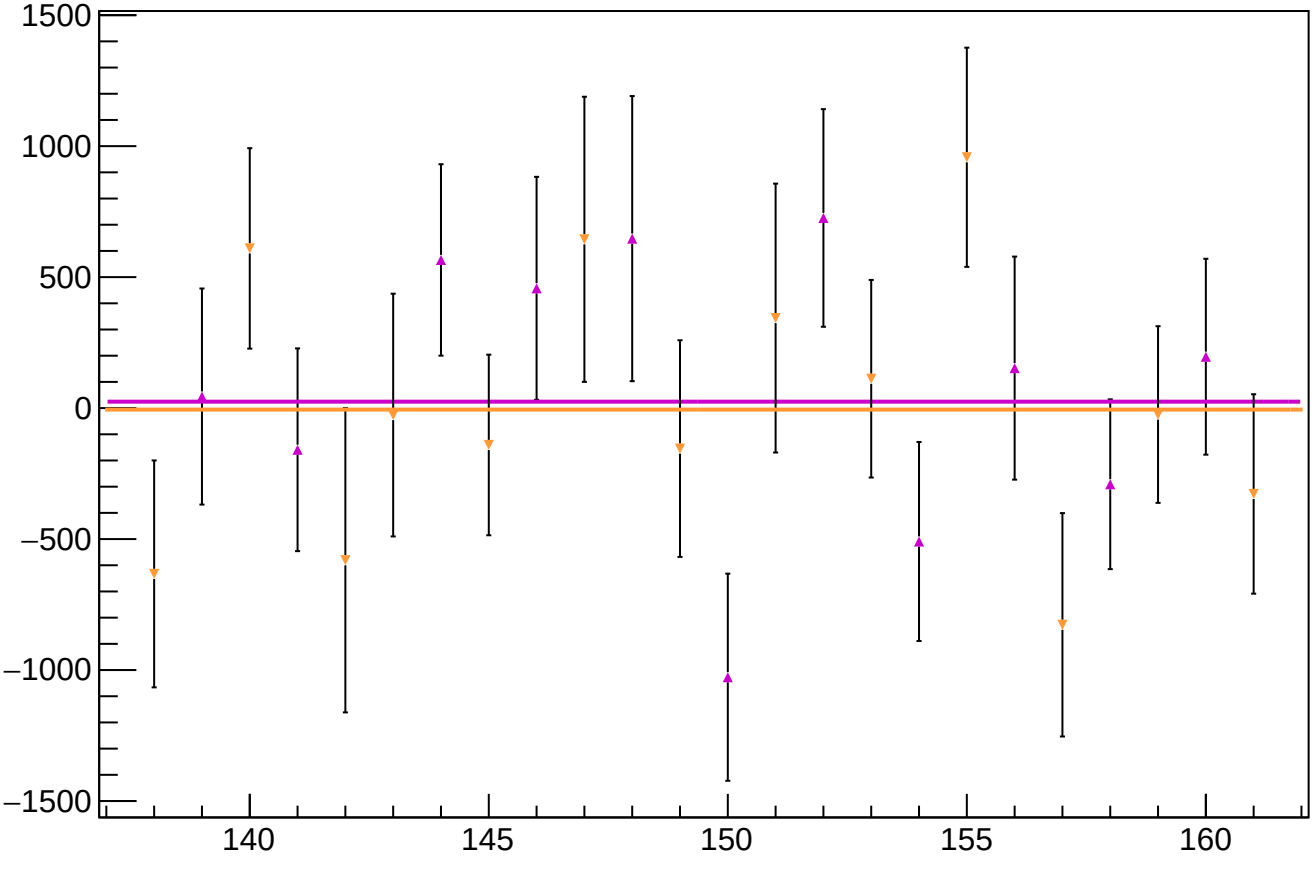
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 368.489+/-0.087 χ^2/NDF:192223.2/10

Out: 366.514+/-0.084 χ^2/NDF:291016.7/12

All: 367.461+/-0.060 χ^2/NDF: 483506.6/23

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -5.776+/-115.352 χ^2/NDF:17.7/12

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

Left In: 24.570+/-119.306 χ^2/NDF:17.9/10

Left: 8.886+/-82.929 χ^2/NDF: 35.6/23

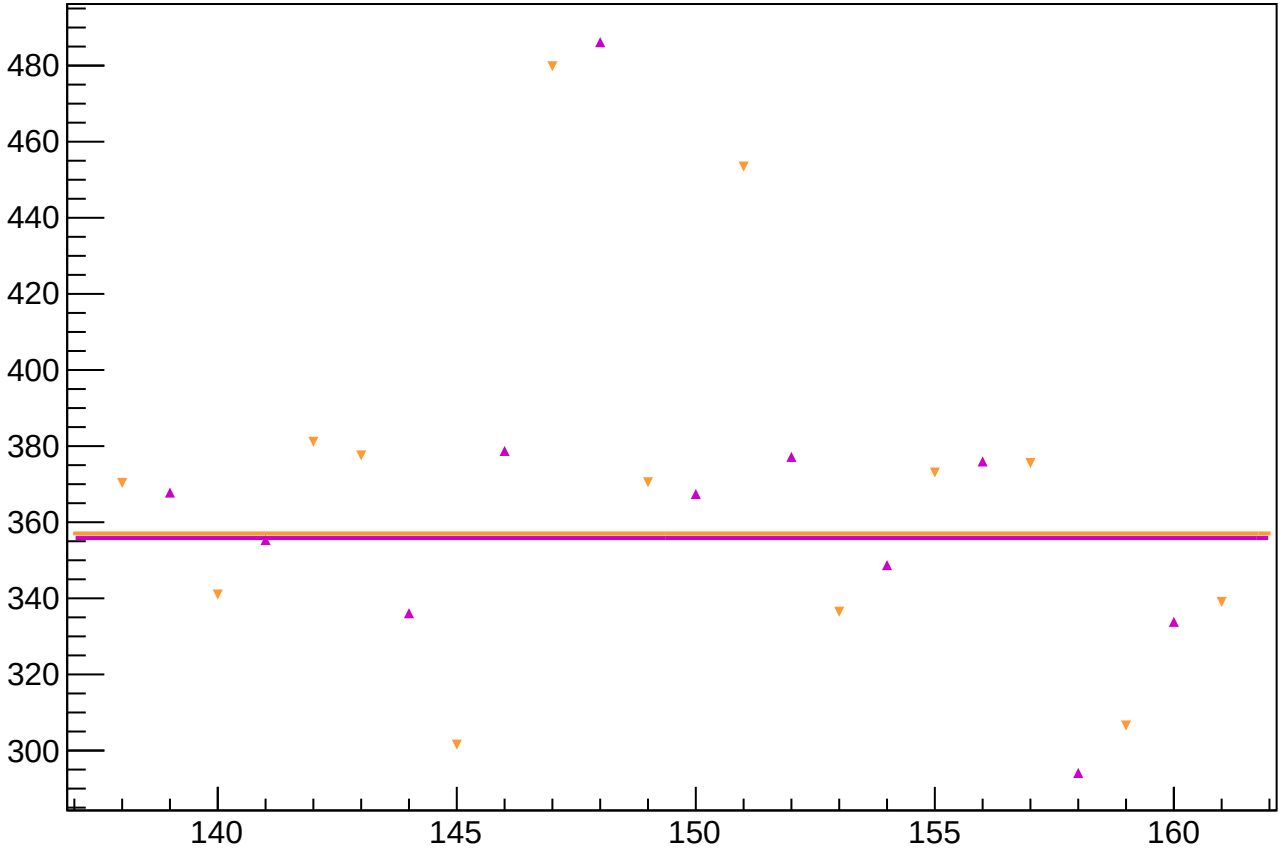
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 24.570+/-119.306 χ^2/NDF:17.9/10

Out: -5.776+/-115.352 χ^2/NDF:17.7/12

All: 8.886+/-82.929 χ^2/NDF: 35.6/23

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 357.052+/-0.082 χ^2/NDF:300945.4/12

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

Left In: 355.841+/-0.084 χ^2/NDF:219651.0/10

Left: 356.467+/-0.059 χ^2/NDF: 520703.0/23

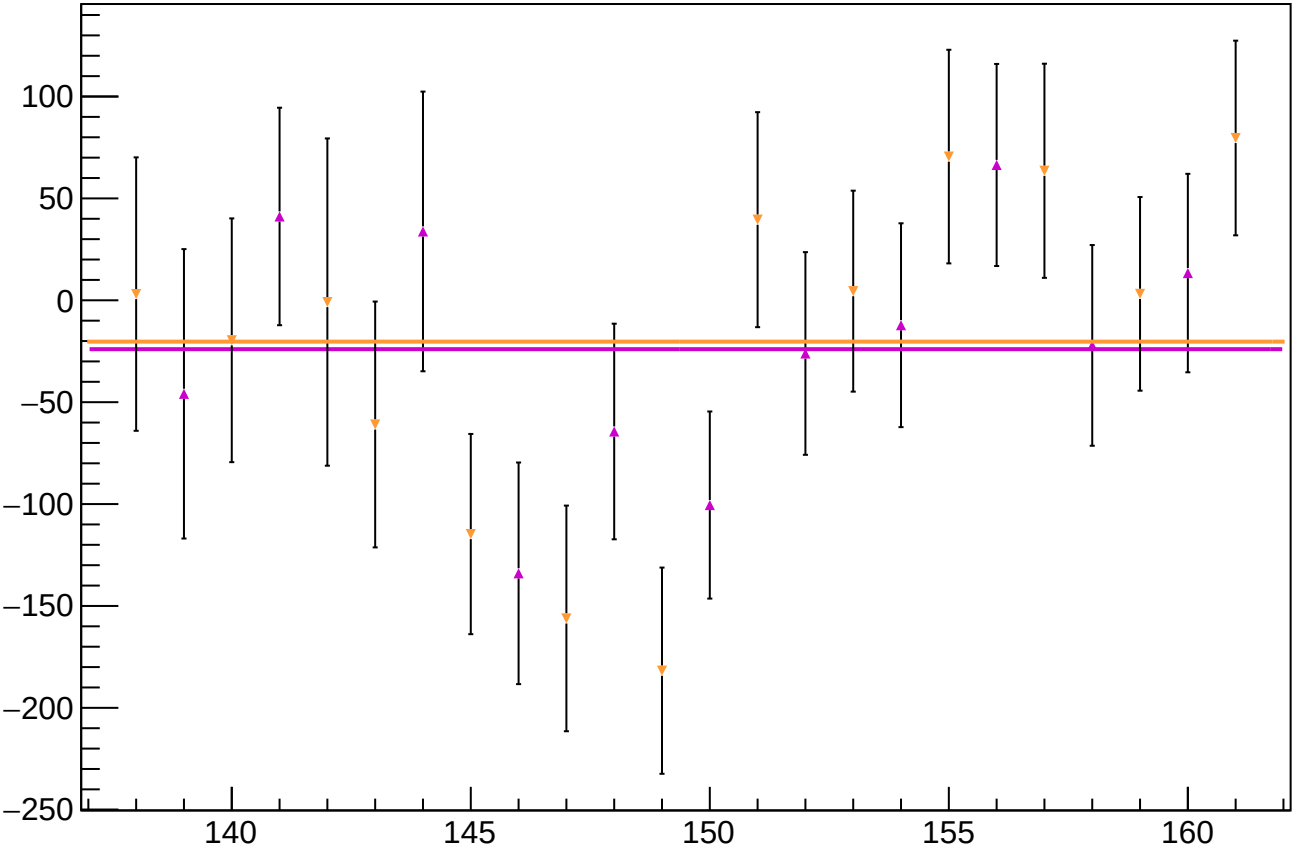
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 355.841+/-0.084 χ^2/NDF:219651.0/10

Out: 357.052+/-0.082 χ^2/NDF:300945.4/12

All: 356.467+/-0.059 χ^2/NDF: 520703.0/23

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: -20.285+/-15.007 χ^2/NDF:32.2/12

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

Left In: -23.986+/-15.858 χ^2/NDF:13.7/10

Left: -22.033+/-10.900 χ^2/NDF: 46.0/23

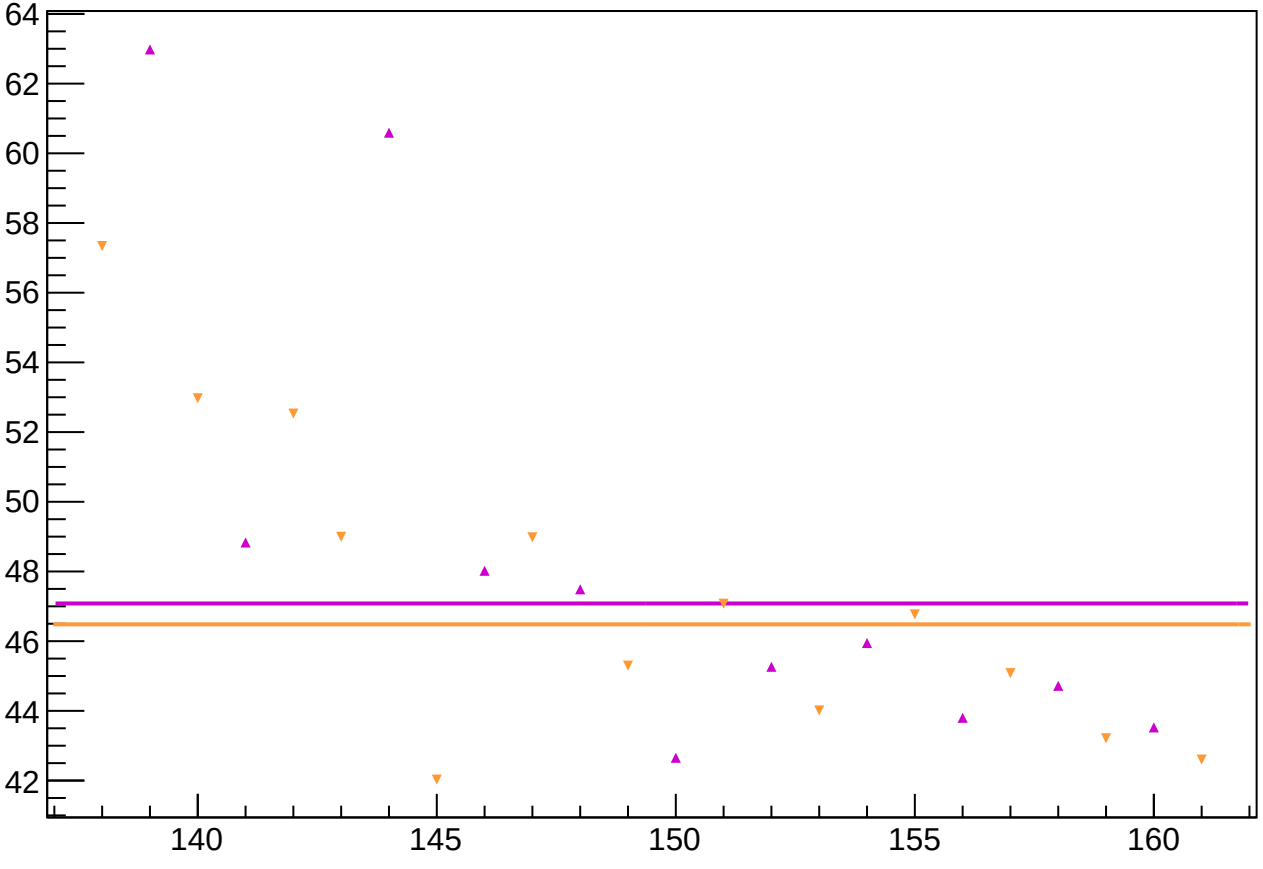
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -23.986+/-15.858 χ^2/NDF:13.7/10

Out: -20.285+/-15.007 χ^2/NDF:32.2/12

All: -22.033+/-10.900 χ^2/NDF: 46.0/23

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 46.483+/-0.011 χ^2/NDF:141728.6/12

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

Left In: 47.083+/-0.011 χ^2/NDF:226960.4/10

Left: 46.766+/-0.008 χ^2/NDF: 370195.9/23

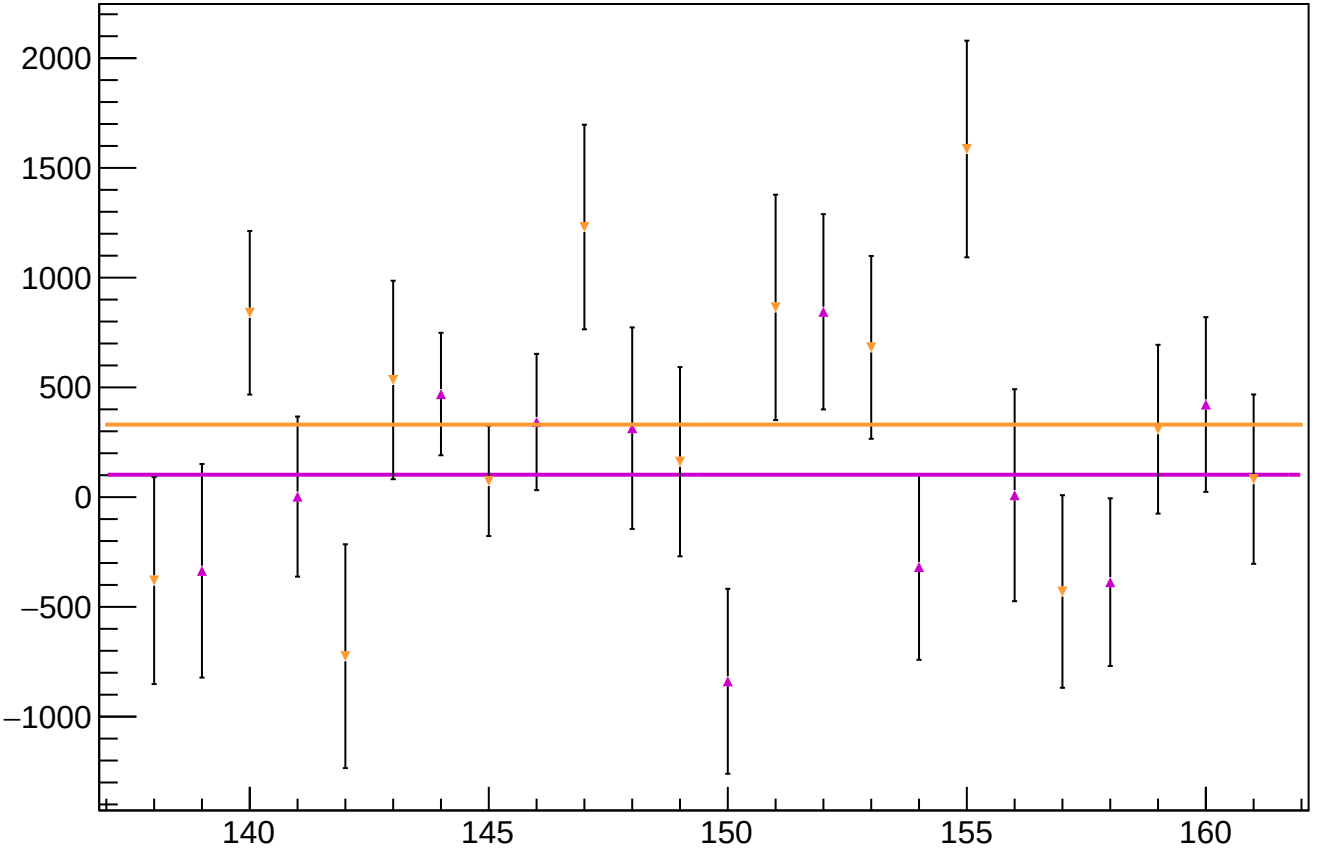
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 47.083+/-0.011 χ^2/NDF:226960.4/10

Out: 46.483+/-0.011 χ^2/NDF:141728.6/12

All: 46.766+/-0.008 χ^2/NDF: 370195.9/23

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: 330.463+/-112.733 χ^2/NDF:25.3/12

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

Left In: 102.031+/-116.685 χ^2/NDF:14.5/10

Left: 220.180+/-81.076 χ^2/NDF: 41.8/23

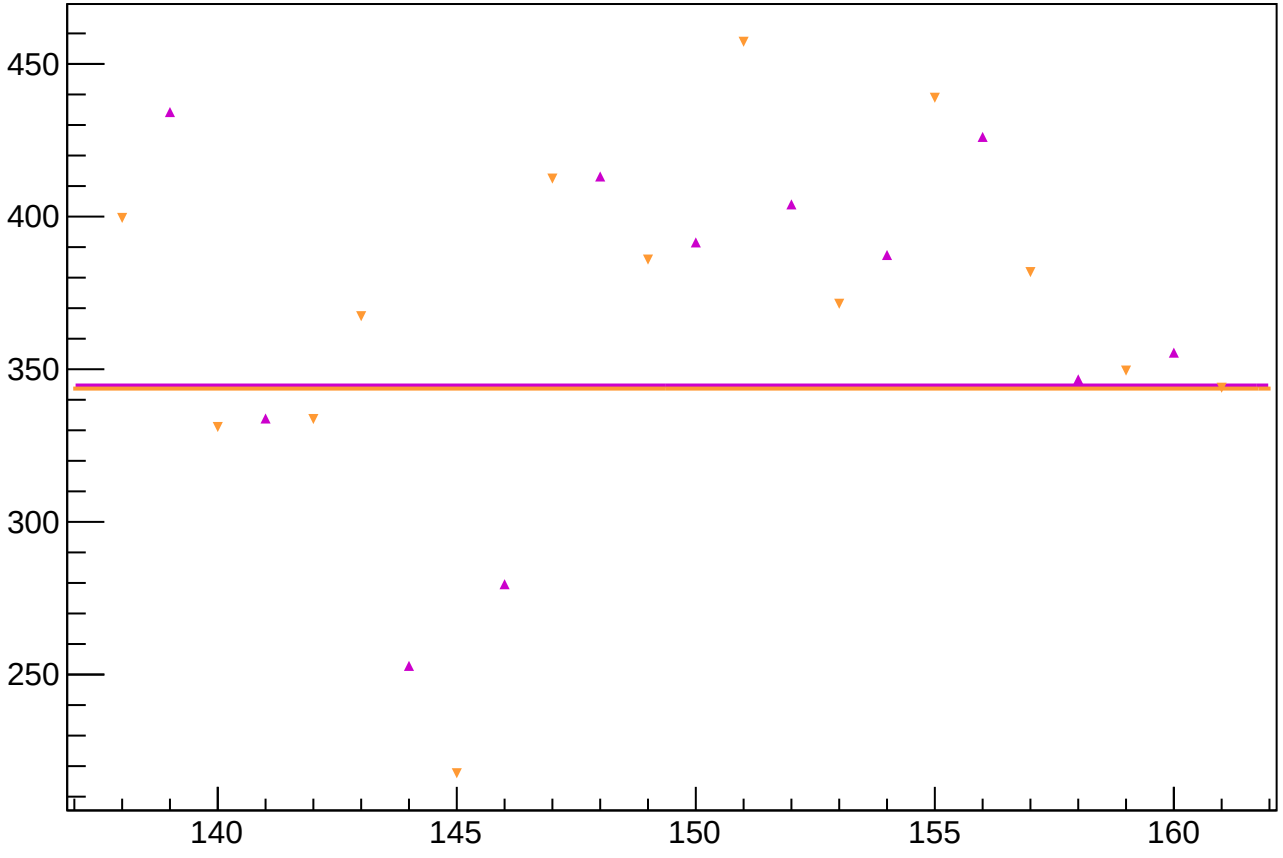
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 102.031+/-116.685 χ^2/NDF:14.5/10

Out: 330.463+/-112.733 χ^2/NDF:25.3/12

All: 220.180+/-81.076 χ^2/NDF: 41.8/23

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: 343.661+/-0.080 χ^2/NDF:801557.8/12

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

Left In: 344.671+/-0.083 χ^2/NDF:557889.8/10

Left: 344.148+/-0.057 χ^2/NDF: 1359525.0/23

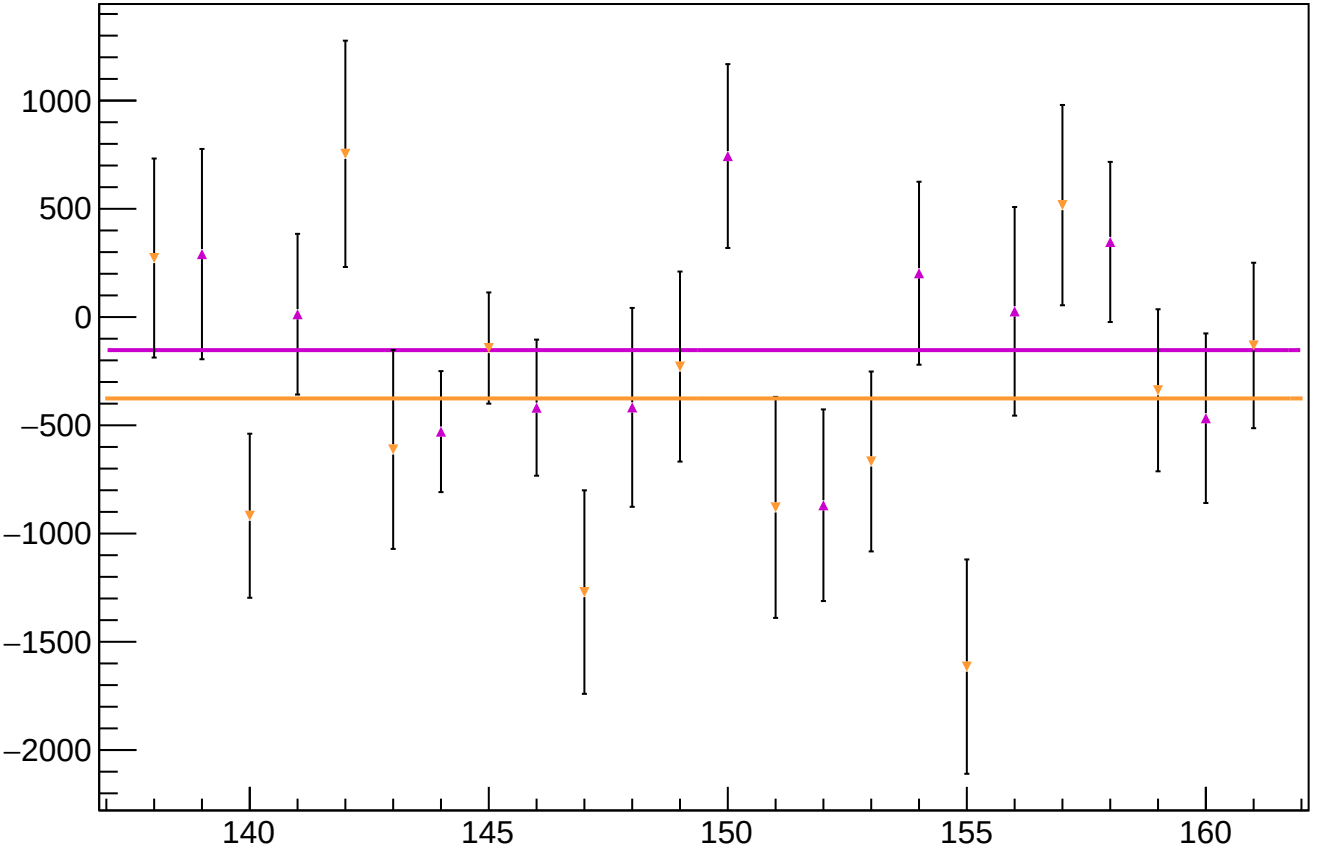
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 344.671+/-0.083 χ^2/NDF:557889.8/10

Out: 343.661+/-0.080 χ^2/NDF:801557.8/12

All: 344.148+/-0.057 χ^2/NDF: 1359525.0/23

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -375.892+/-113.712 χ^2/NDF:25.4/12

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

Left In: -152.713+/-116.600 χ^2/NDF:14.3/10

Left: -267.101+/-81.408 χ^2/NDF: 41.6/23

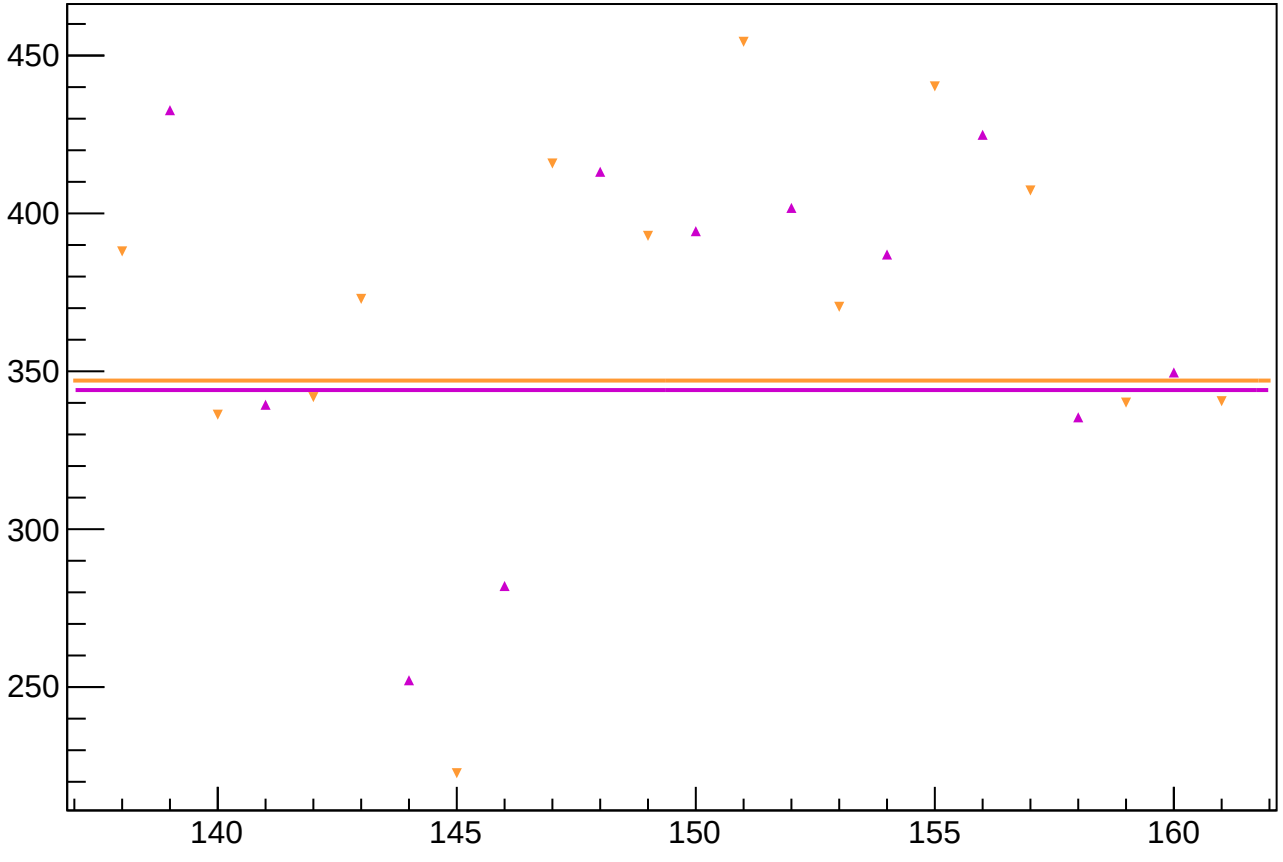
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -152.713+/-116.600 χ^2/NDF:14.3/10

Out: -375.892+/-113.712 χ^2/NDF:25.4/12

All: -267.101+/-81.408 χ^2/NDF: 41.6/23

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 347.066+/-0.080 χ^2/NDF:757963.3/12

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

Left In: 344.059+/-0.082 χ^2/NDF:546994.0/10

Left: 345.600+/-0.058 χ^2/NDF: 1305638.8/23

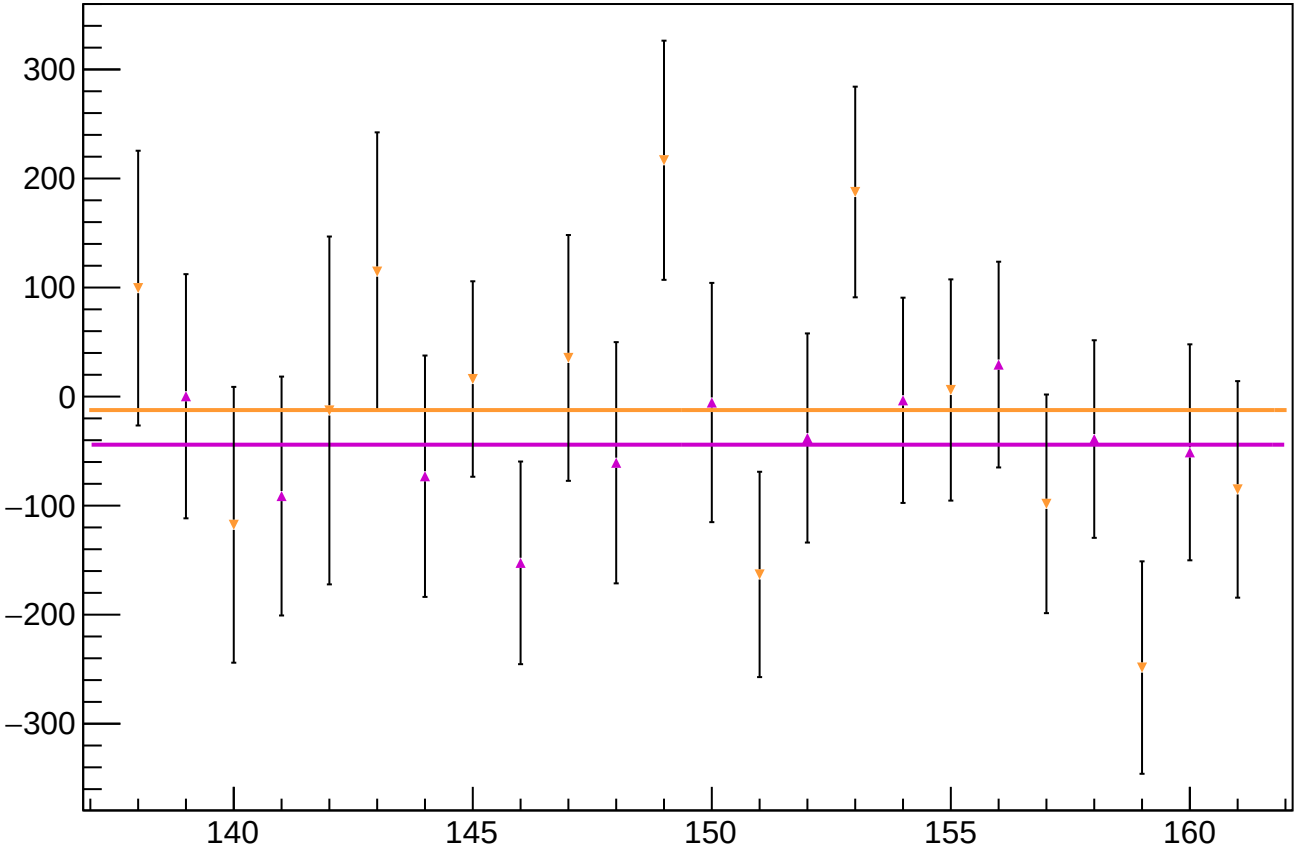
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 344.059+/-0.082 χ^2/NDF:546994.0/10

Out: 347.066+/-0.080 χ^2/NDF:757963.3/12

All: 345.600+/-0.058 χ^2/NDF: 1305638.8/23

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: -12.372+/-29.671 χ^2/NDF:21.1/12

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

Left In: -44.112+/-30.385 χ^2/NDF:2.7/10

Left: -27.865+/-21.229 χ^2/NDF: 24.4/23

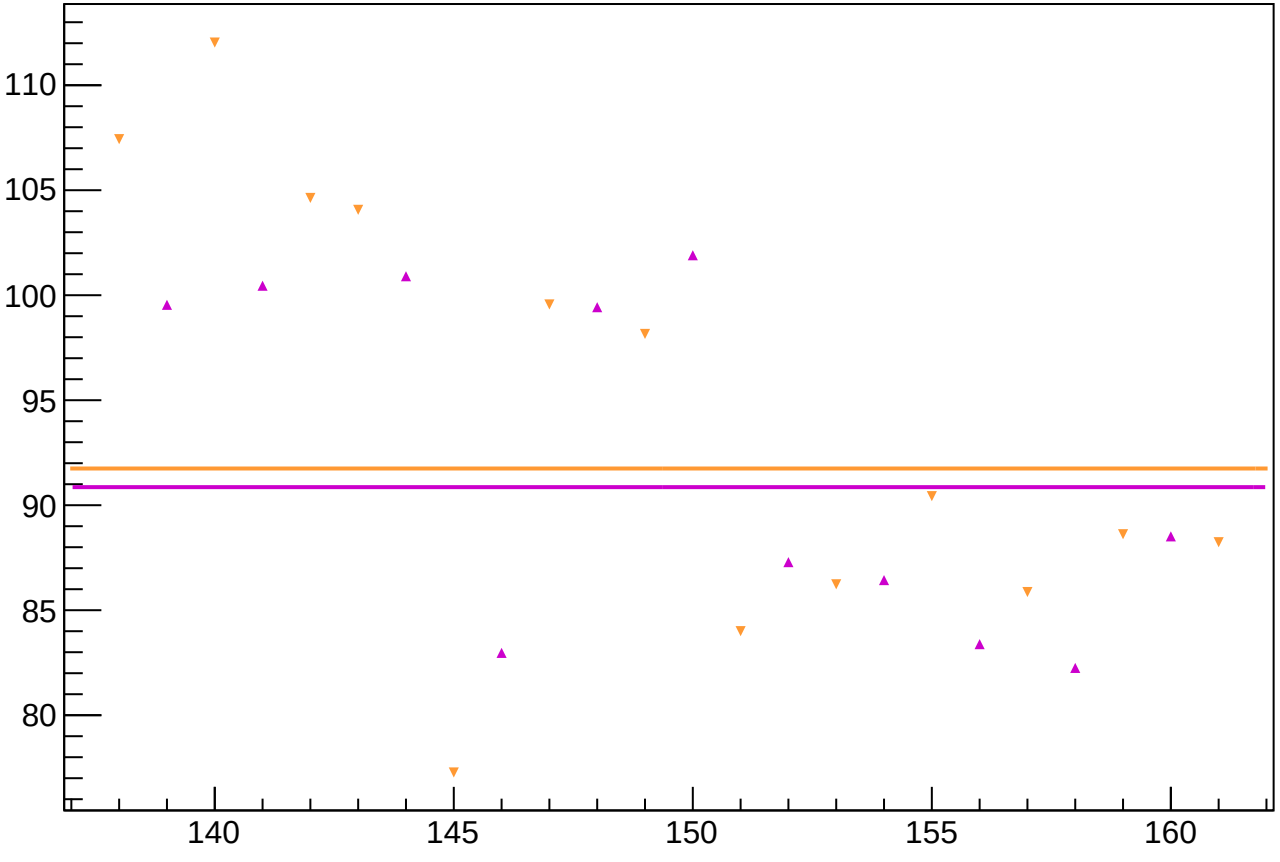
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.112+/-30.385 χ^2/NDF:2.7/10

Out: -12.372+/-29.671 χ^2/NDF:21.1/12

All: -27.865+/-21.229 χ^2/NDF: 24.4/23

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 91.748+/-0.021 χ^2/NDF:214526.2/12

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

Left In: 90.861+/-0.021 χ^2/NDF:129453.5/10

Left: 91.315+/-0.015 χ^2/NDF: 344853.1/23

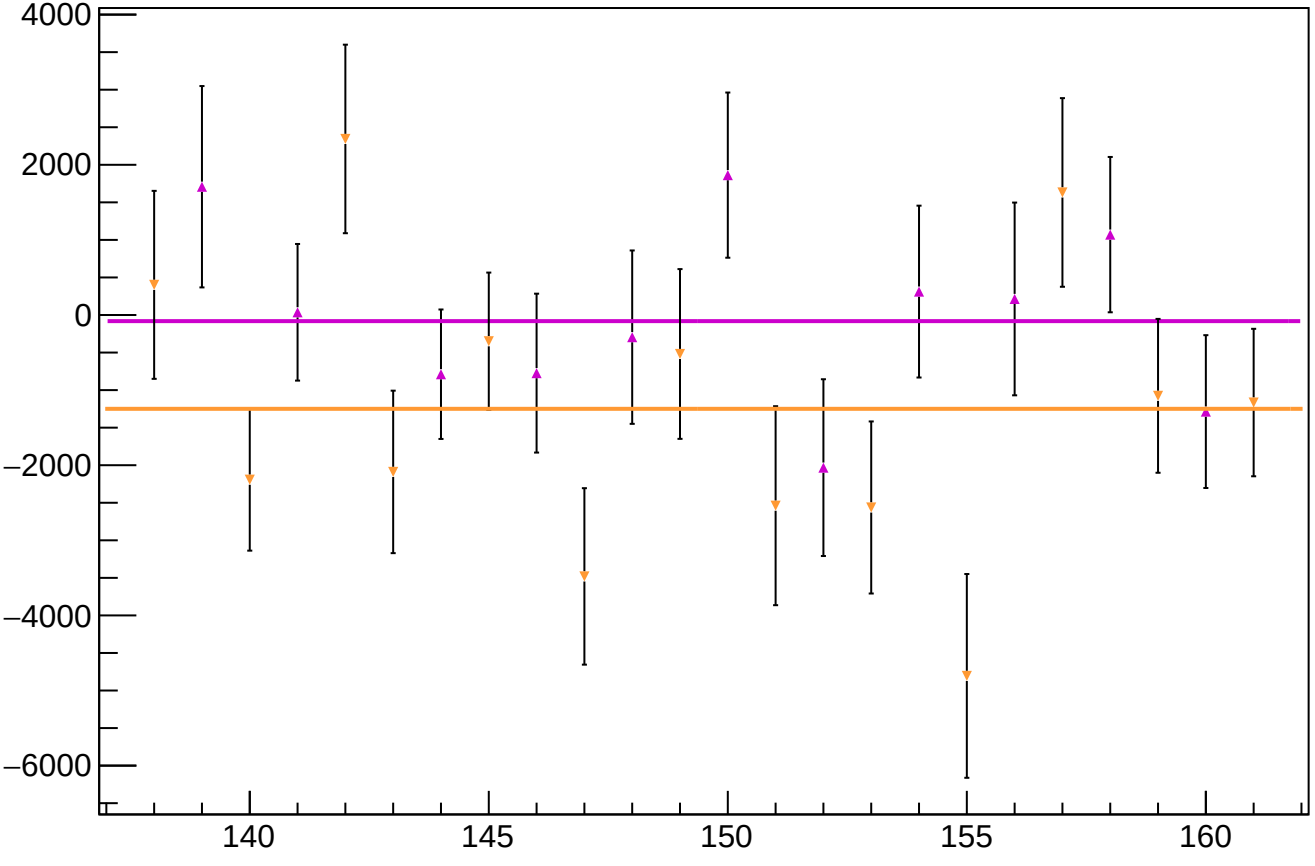
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 90.861+/-0.021 χ^2/NDF:129453.5/10

Out: 91.748+/-0.021 χ^2/NDF:214526.2/12

All: 91.315+/-0.015 χ^2/NDF: 344853.1/23

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: -1249.157+/-309.331 χ^2/NDF:31.0/12

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

Left In: -81.519+/-323.145 χ^2/NDF:11.6/10

Left: -690.828+/-223.454 χ^2/NDF: 49.4/23

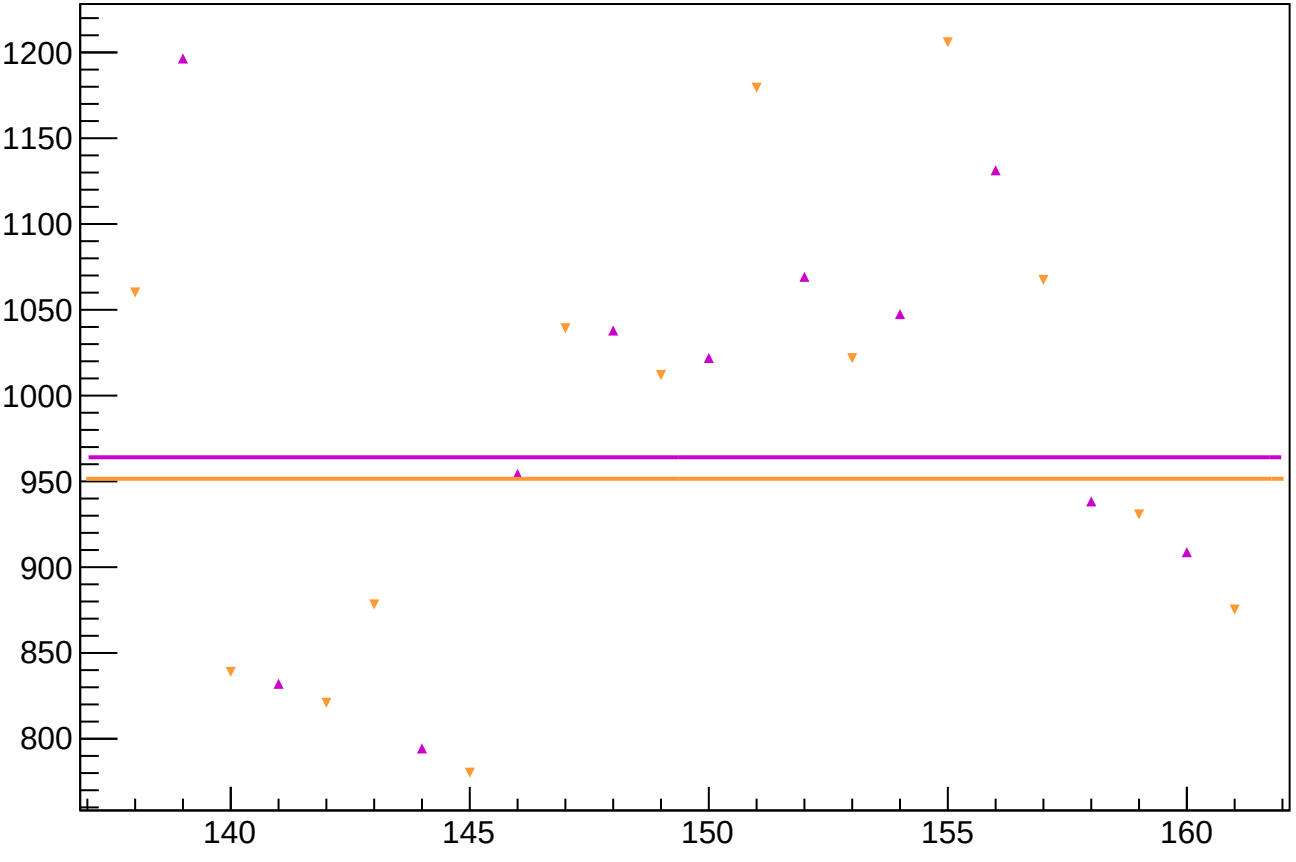
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -81.519+/-323.145 χ^2/NDF:11.6/10

Out: -1249.157+/-309.331 χ^2/NDF:31.0/12

All: -690.828+/-223.454 χ^2/NDF: 49.4/23

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: 951.529+/-0.219 χ^2/NDF:328257.4/12

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

Left In: 964.044+/-0.228 χ^2/NDF:261403.6/10

Left: 957.513+/-0.158 χ^2/NDF: 591226.2/23

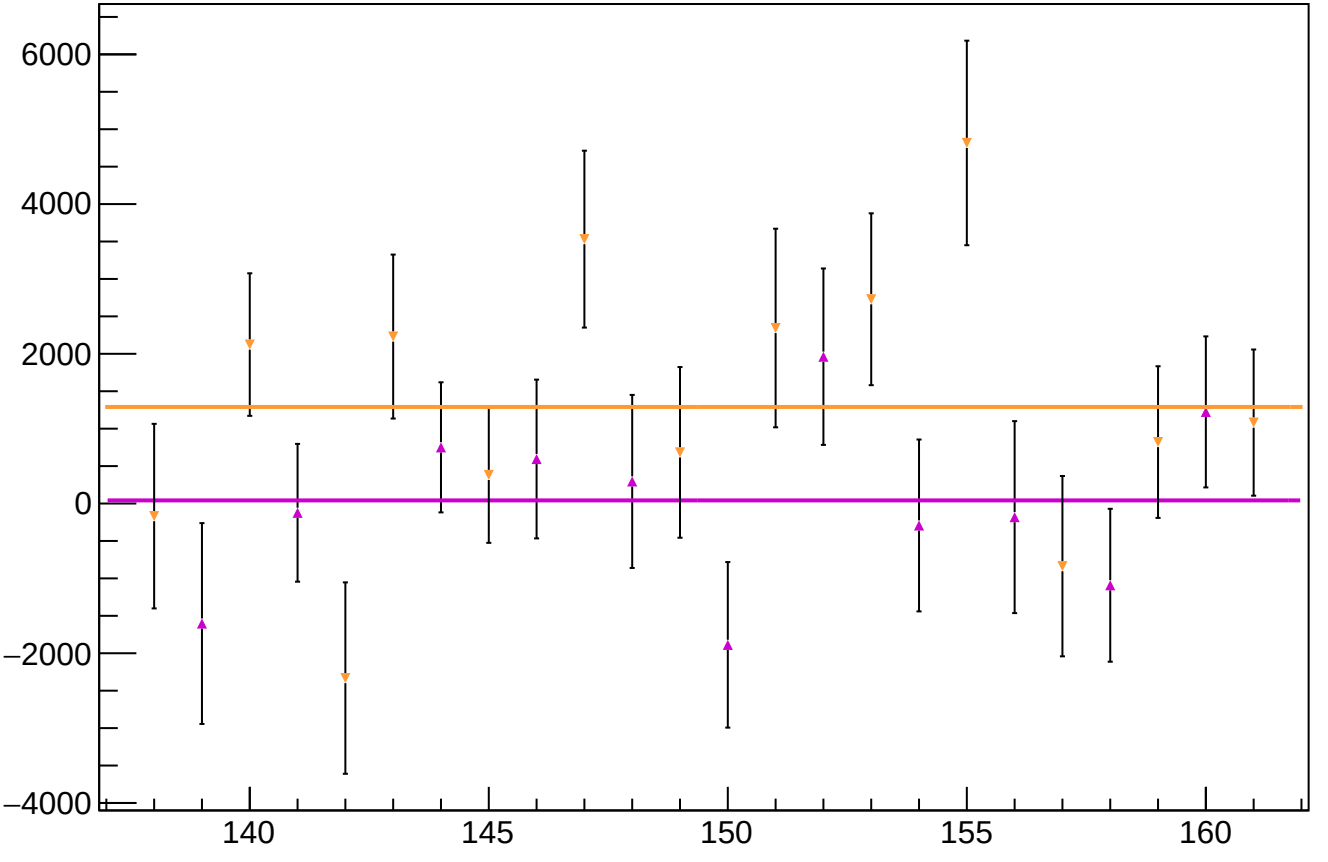
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 964.044+/-0.228 χ^2/NDF:261403.6/10

Out: 951.529+/-0.219 χ^2/NDF:328257.4/12

All: 957.513+/-0.158 χ^2/NDF: 591226.2/23

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1290.045+/-308.839 χ^2/NDF:28.1/12

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

Left In: 41.848+/-323.685 χ^2/NDF:10.9/10

Left: 695.226+/-223.446 χ^2/NDF: 46.8/23

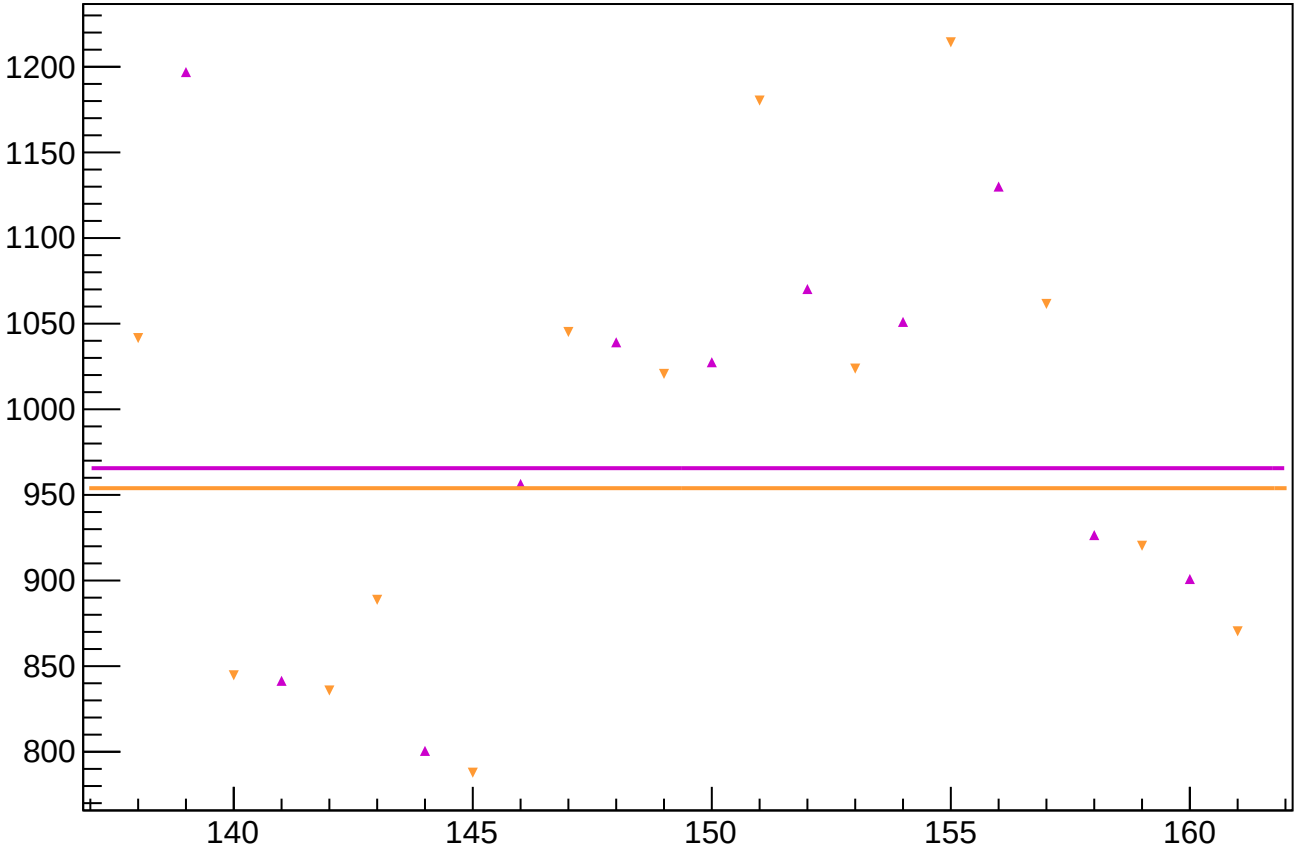
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.848+/-323.685 χ^2/NDF:10.9/10

Out: 1290.045+/-308.839 χ^2/NDF:28.1/12

All: 695.226+/-223.446 χ^2/NDF: 46.8/23

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 953.927+/-0.218 χ^2/NDF:317630.0/12

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

Left In: 965.607+/-0.229 χ^2/NDF:253476.5/10

Left: 959.493+/-0.158 χ^2/NDF: 572469.8/23

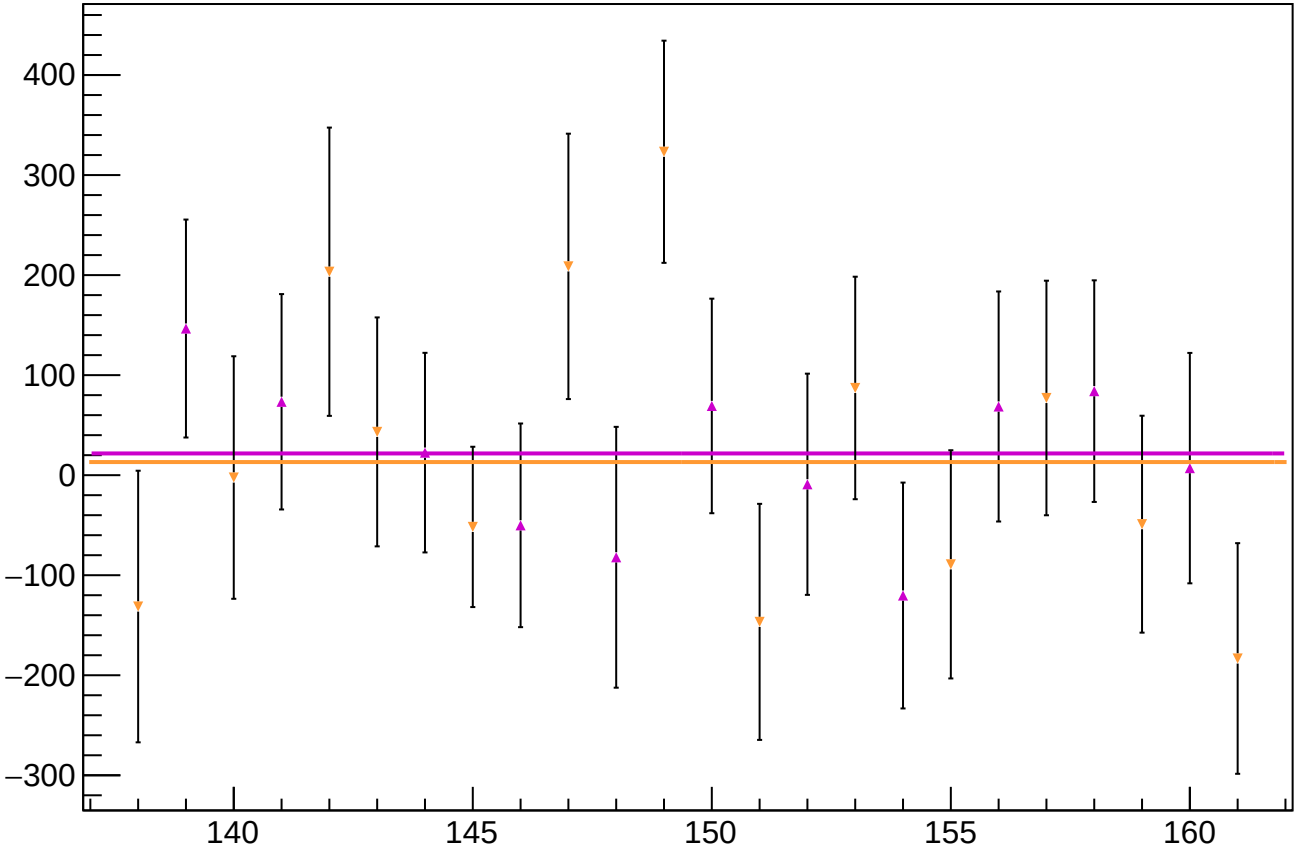
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 965.607+/-0.229 χ^2/NDF:253476.5/10

Out: 953.927+/-0.218 χ^2/NDF:317630.0/12

All: 959.493+/-0.158 χ^2/NDF: 572469.8/23

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: 13.118+/-31.574 χ^2/NDF:20.2/12

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

Left In: 21.731+/-33.220 χ^2/NDF:5.0/10

Left: 17.206+/-22.886 χ^2/NDF: 25.3/23

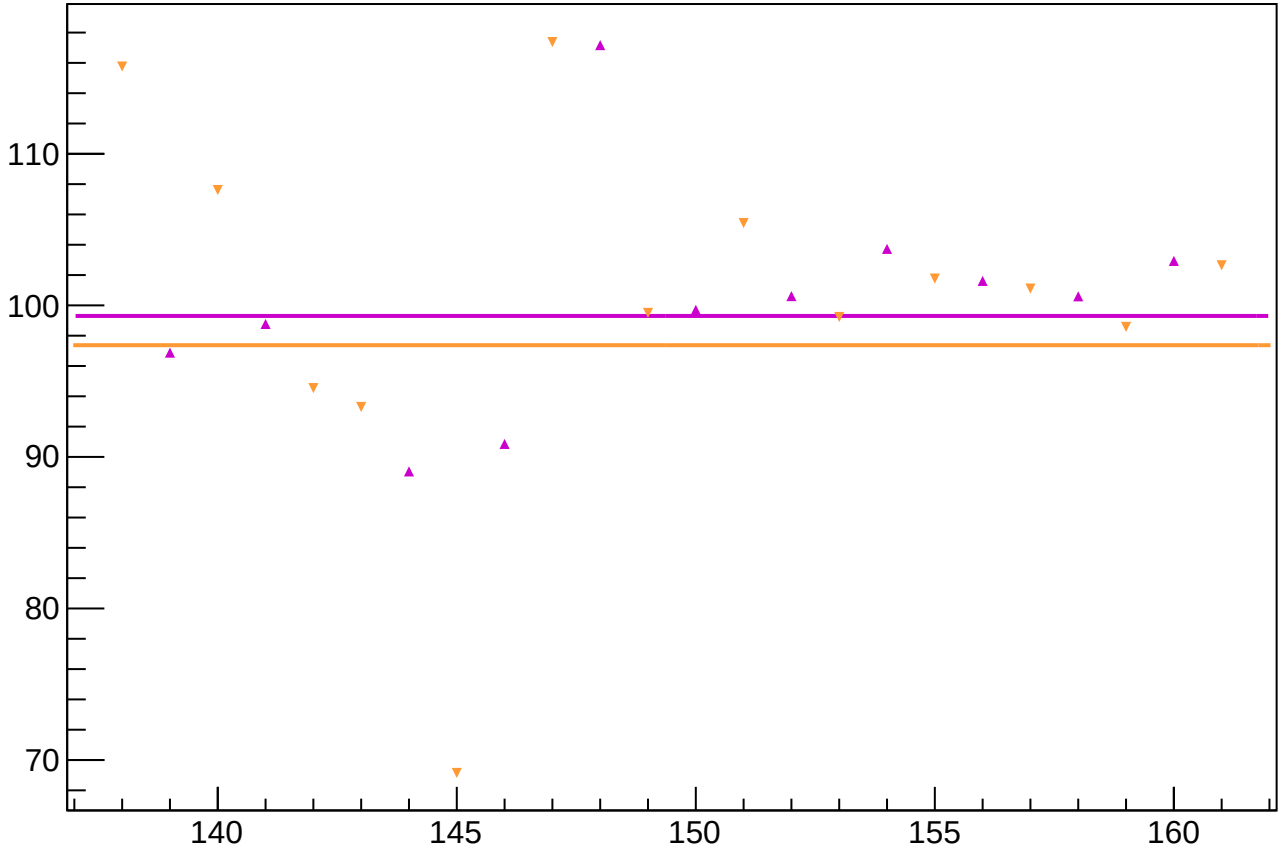
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 21.731+/-33.220 χ^2/NDF:5.0/10

Out: 13.118+/-31.574 χ^2/NDF:20.2/12

All: 17.206+/-22.886 χ^2/NDF: 25.3/23

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 97.371+/-0.022 χ^2/NDF:367926.6/12

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

Left In: 99.303+/-0.023 χ^2/NDF:79974.9/10

Left: 98.288+/-0.016 χ^2/NDF: 451451.9/23

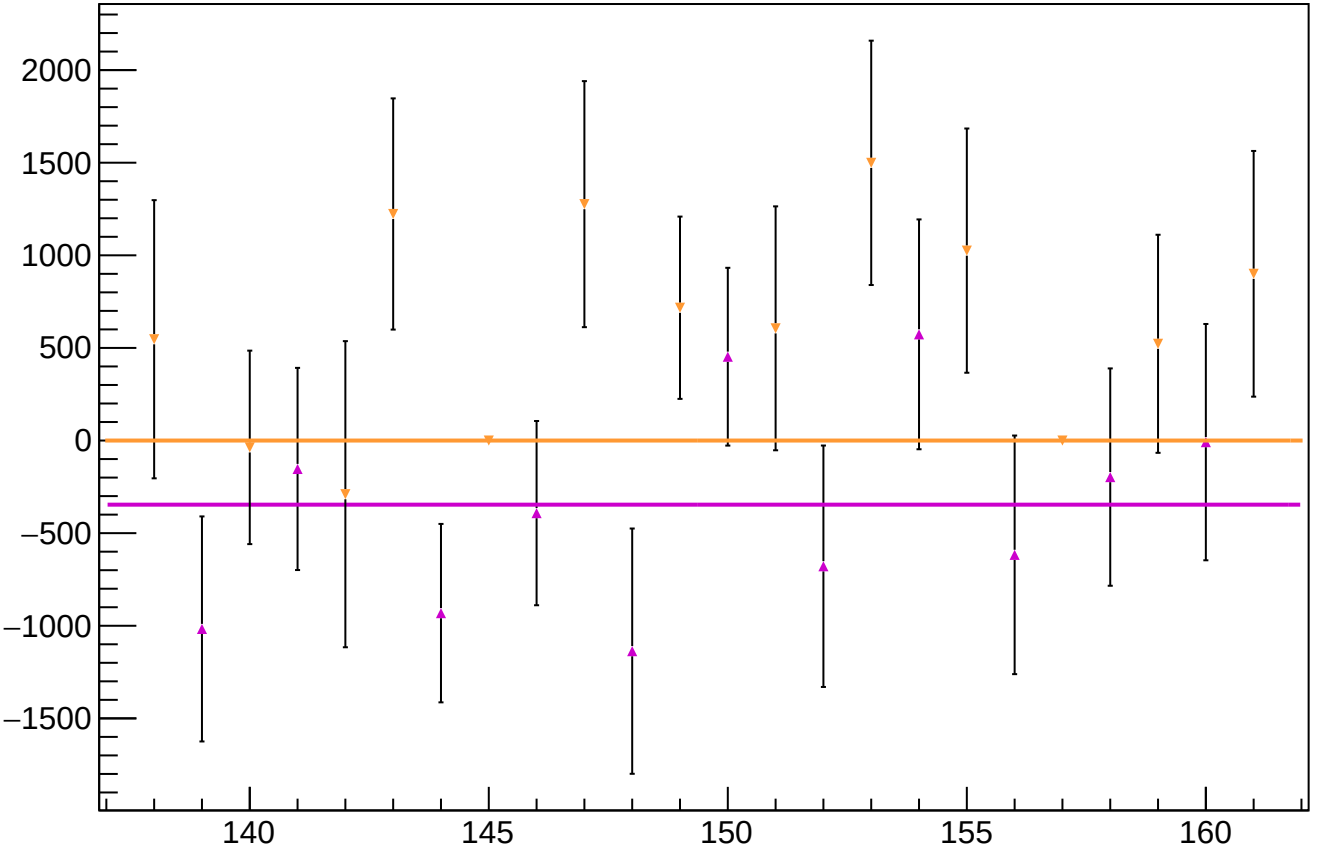
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.303+/-0.023 χ^2/NDF:79974.9/10

Out: 97.371+/-0.022 χ^2/NDF:367926.6/12

All: 98.288+/-0.016 χ^2/NDF: 451451.9/23

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:21.7/12

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

Left In: -346.204+/-172.087 χ^2/NDF:10.0/10

Left: -0.000+/-0.000 χ^2/NDF: 35.7/23

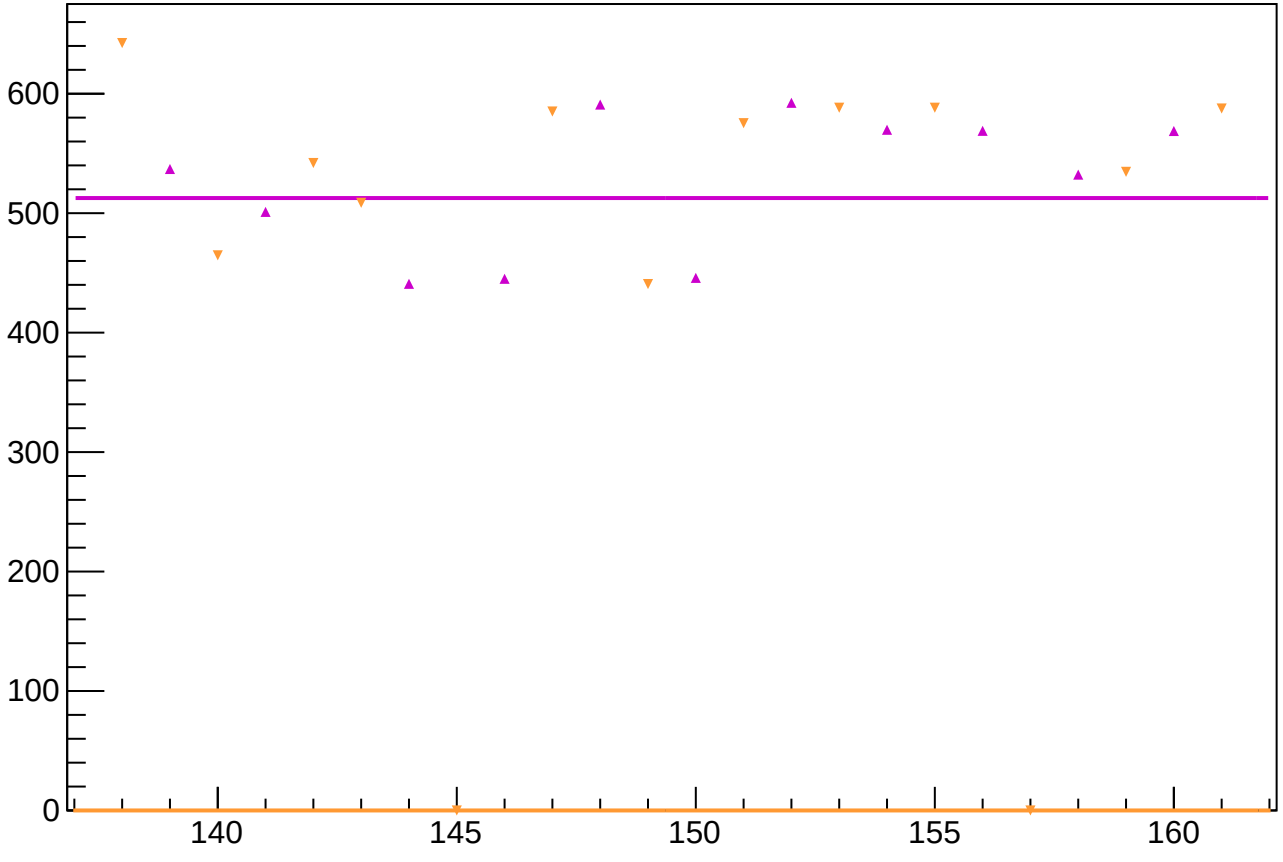
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -346.204+/-172.087 χ^2/NDF:10.0/10

Out: -0.000+/-0.000 χ^2/NDF:21.7/12

All: -0.000+/-0.000 χ^2/NDF: 35.7/23

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:16322394.7/12

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

Left In: 512.669+/-0.122 χ^2/NDF:232102.1/10

Left: 0.000+/-0.000 χ^2/NDF: 34304994.9/23

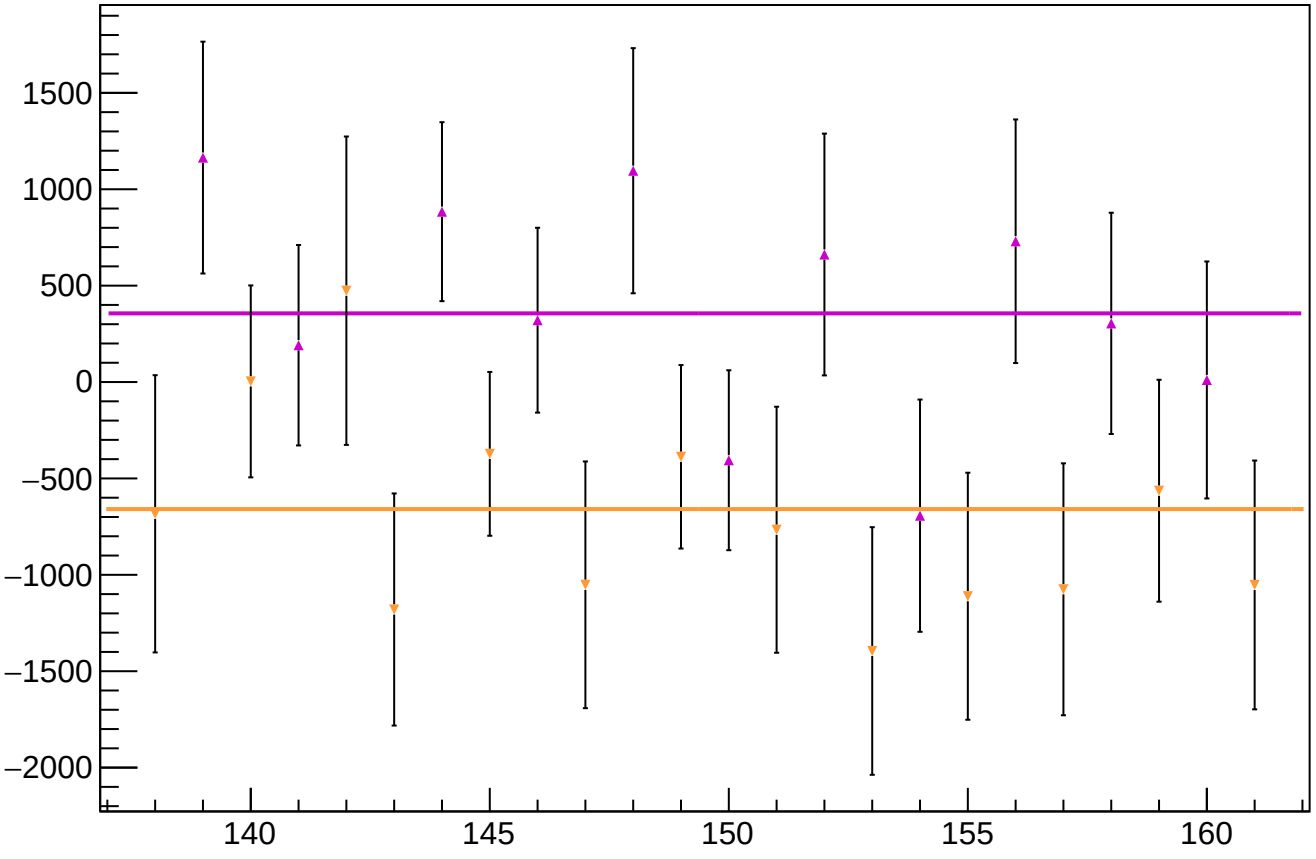
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 512.669+/-0.122 χ^2/NDF:232102.1/10

Out: 0.000+/-0.000 χ^2/NDF:16322394.7/12

All: 0.000+/-0.000 χ^2/NDF: 34304994.9/23

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -658.902+/-162.715 χ^2/NDF:8.3/12

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

Left In: 356.220+/-166.639 χ^2/NDF:11.2/10

Left: -163.433+/-116.419 χ^2/NDF: 38.5/23

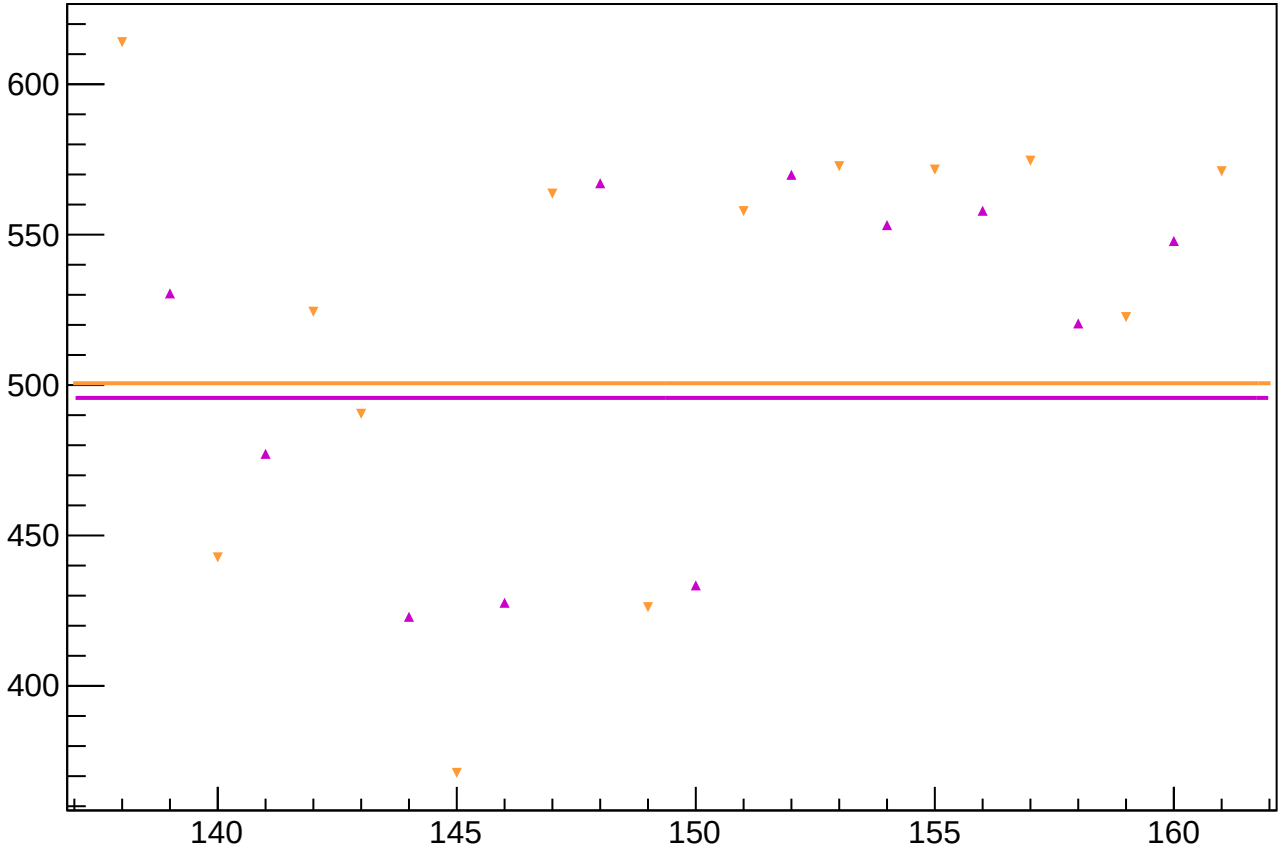
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 356.220+/-166.639 χ^2/NDF:11.2/10

Out: -658.902+/-162.715 χ^2/NDF:8.3/12

All: -163.433+/-116.419 χ^2/NDF: 38.5/23

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 500.598+/-0.115 χ^2/NDF:451599.8/12

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

Left In: 495.733+/-0.118 χ^2/NDF:243268.7/10

Left: 498.223+/-0.082 χ^2/NDF: 695741.3/23

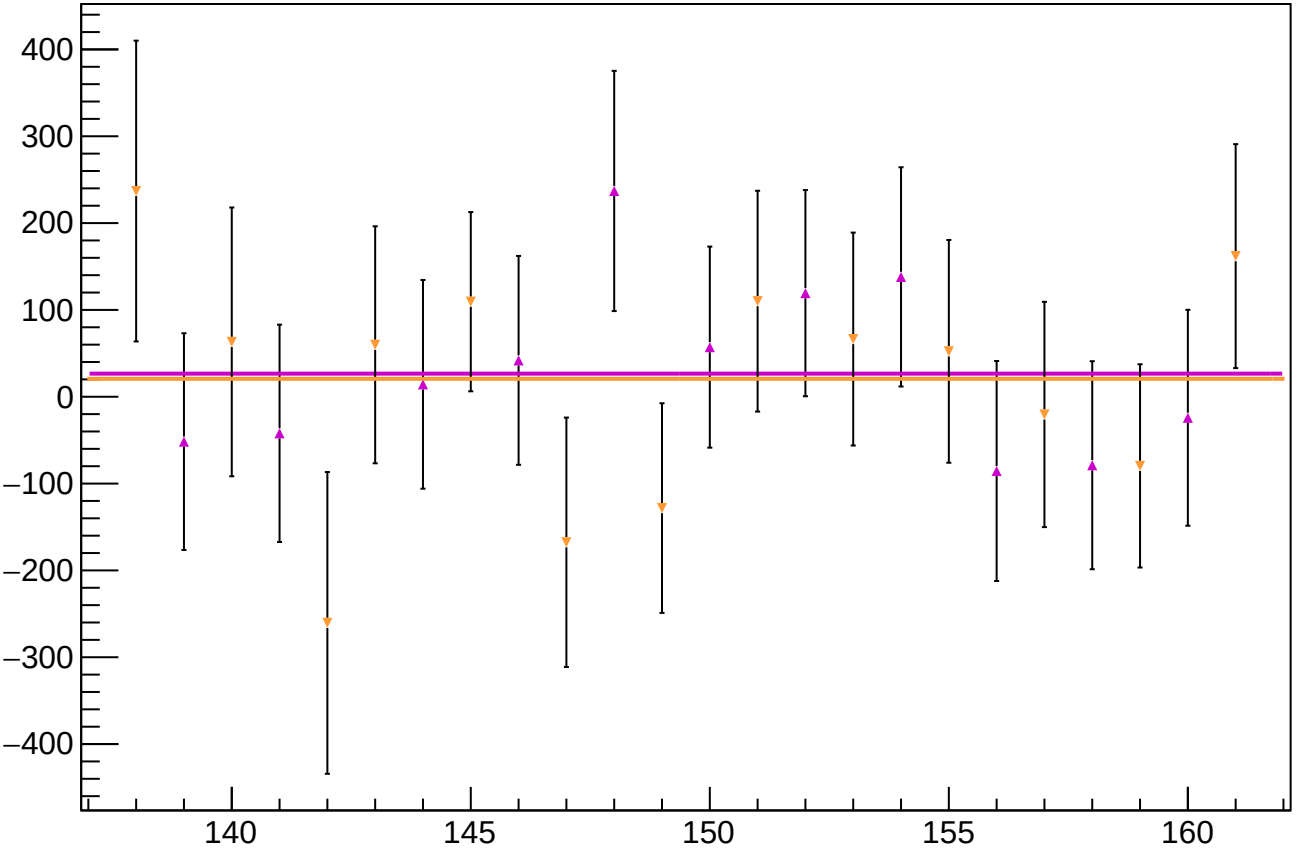
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 495.733+/-0.118 χ^2/NDF:243268.7/10

Out: 500.598+/-0.115 χ^2/NDF:451599.8/12

All: 498.223+/-0.082 χ^2/NDF: 695741.3/23

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 20.666+/-36.405 χ^2/NDF:11.0/12

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

Left In: 26.623+/-37.174 χ^2/NDF:6.2/10

Left: 23.582+/-26.010 χ^2/NDF: 17.3/23

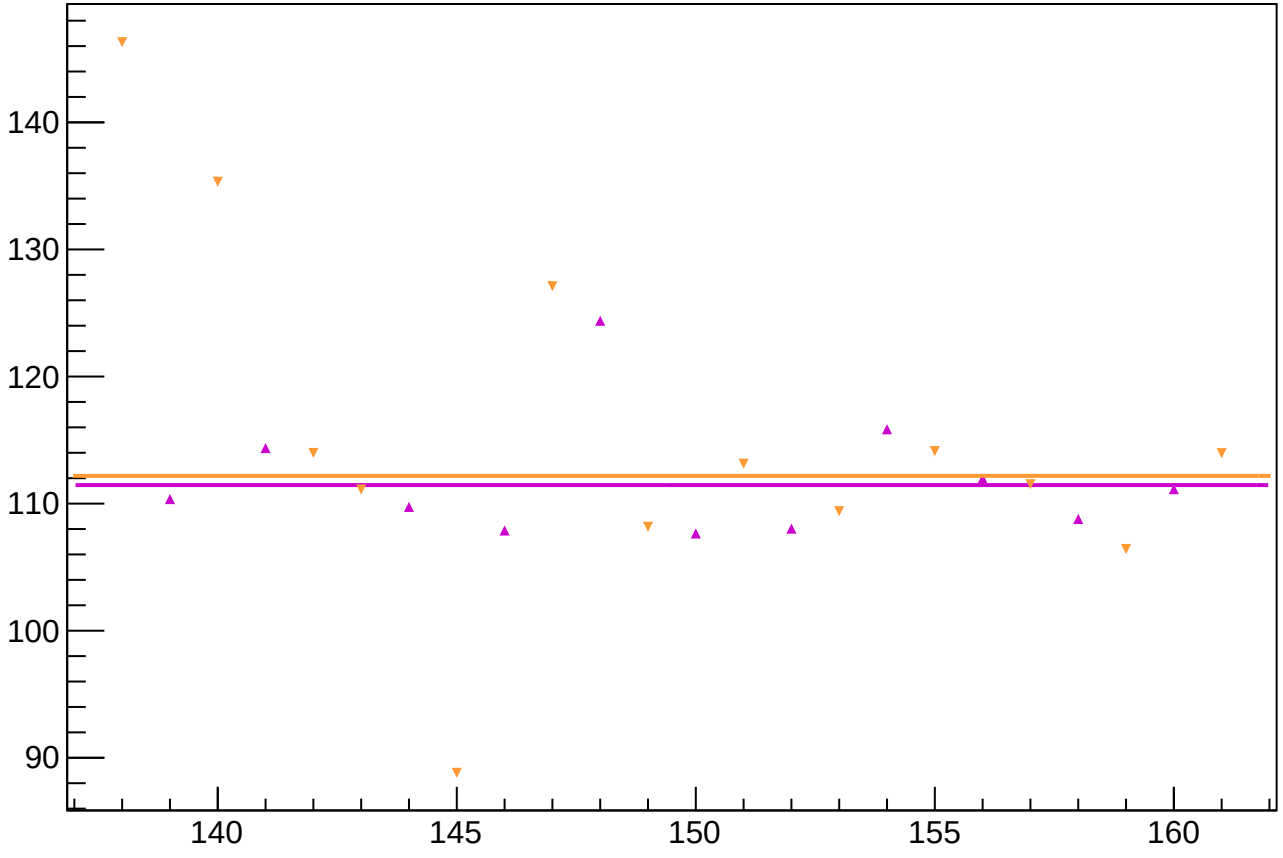
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 26.623+/-37.174 χ^2/NDF:6.2/10

Out: 20.666+/-36.405 χ^2/NDF:11.0/12

All: 23.582+/-26.010 χ^2/NDF: 17.3/23

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.184+/-0.026 χ^2/NDF:255896.7/12

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

Left In: 111.458+/-0.026 χ^2/NDF:28174.9/10

Left: 111.829+/-0.018 χ^2/NDF: 284461.0/23

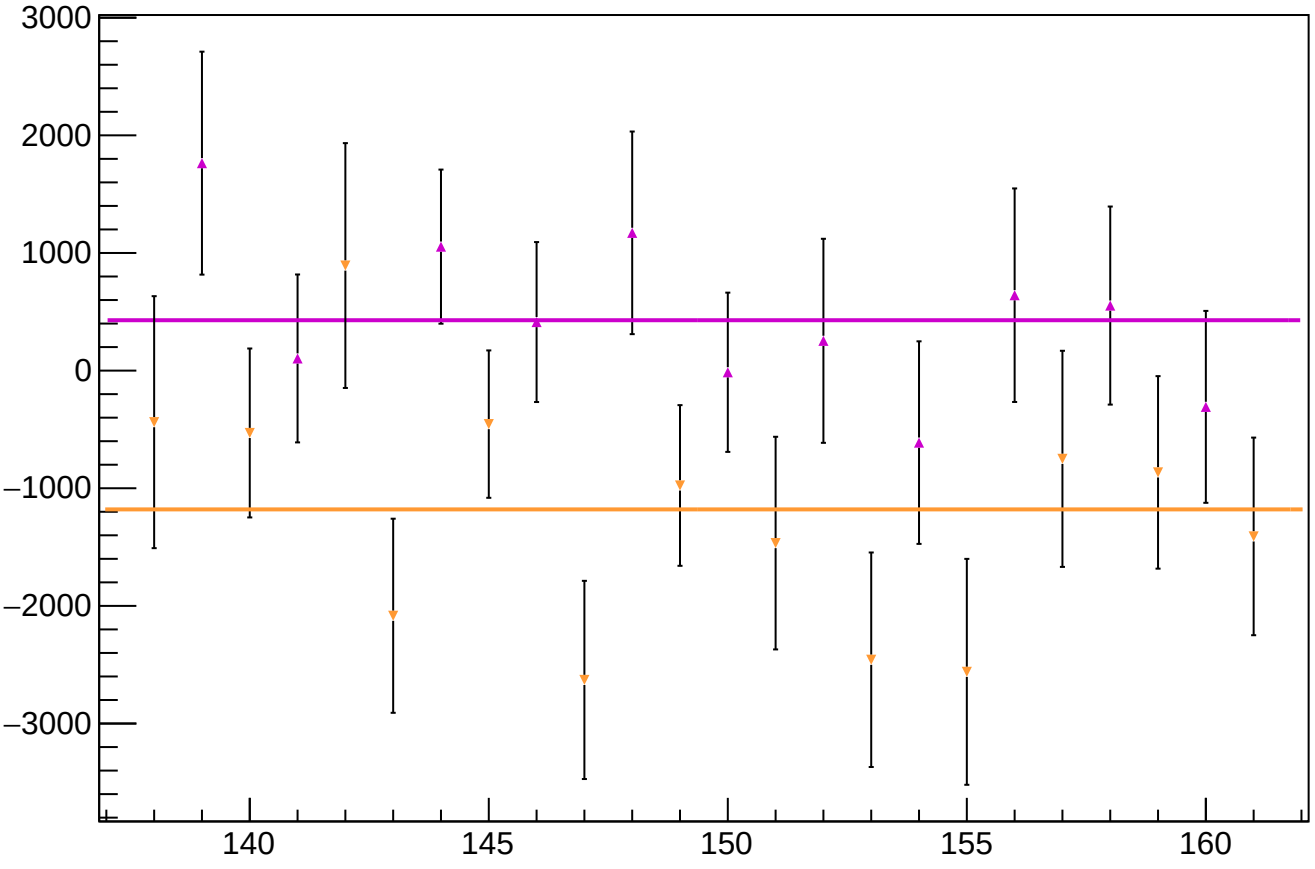
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.458+/-0.026 χ^2/NDF:28174.9/10

Out: 112.184+/-0.026 χ^2/NDF:255896.7/12

All: 111.829+/-0.018 χ^2/NDF: 284461.0/23

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1179.720+/-229.942 χ^2/NDF:15.4/12

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

Left In: 428.387+/-236.300 χ^2/NDF:6.7/10

Left: -397.592+/-164.796 χ^2/NDF: 45.9/23

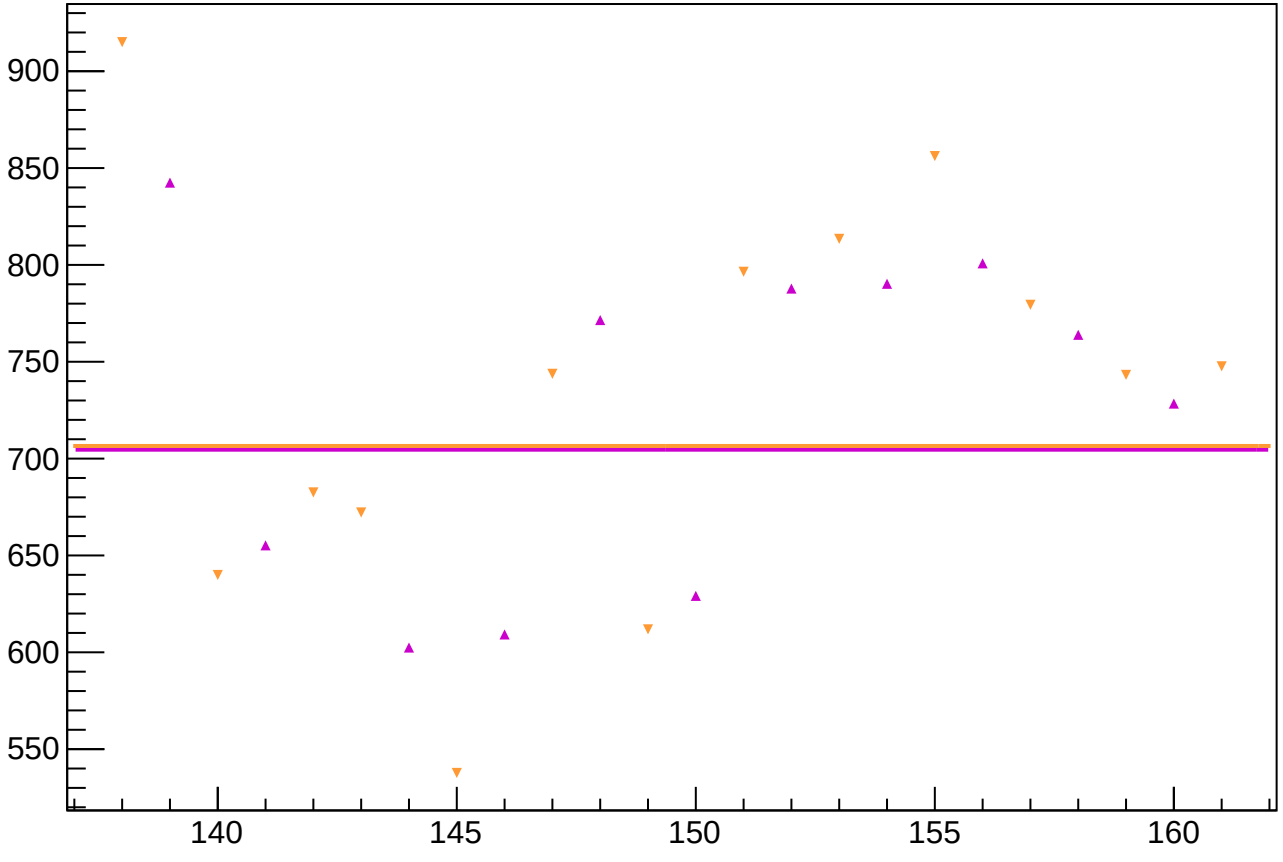
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 428.387+/-236.300 χ^2/NDF:6.7/10

Out: -1179.720+/-229.942 χ^2/NDF:15.4/12

All: -397.592+/-164.796 χ^2/NDF: 45.9/23

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 706.523+/-0.163 χ^2/NDF:402382.6/12

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

Left In: 704.609+/-0.167 χ^2/NDF:249164.4/10

Left: 705.592+/-0.117 χ^2/NDF: 651614.4/23

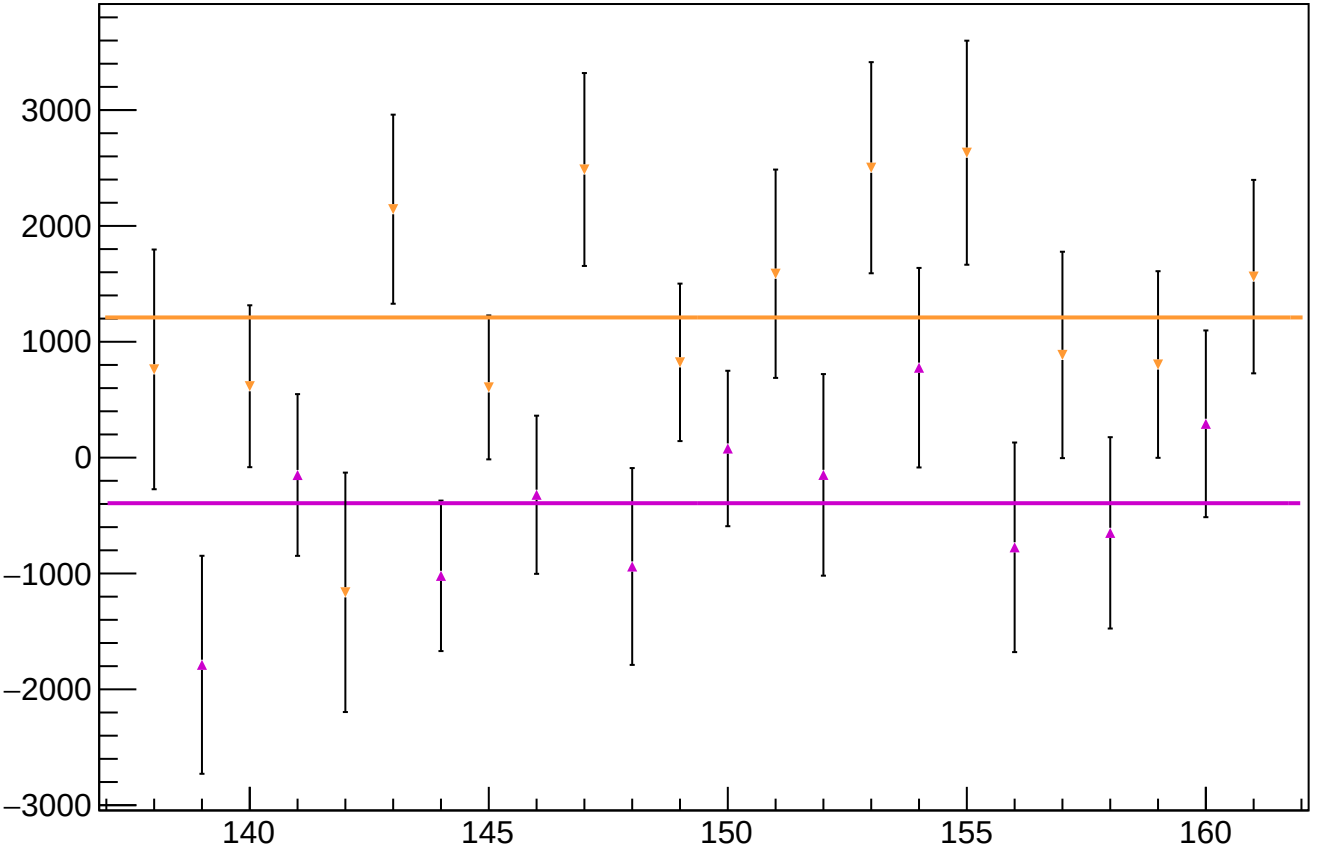
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 704.609+/-0.167 χ^2/NDF:249164.4/10

Out: 706.523+/-0.163 χ^2/NDF:402382.6/12

All: 705.592+/-0.117 χ^2/NDF: 651614.4/23

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1209.924+/-227.221 χ^2/NDF:16.0/12

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

Left In: -393.312+/-234.374 χ^2/NDF:7.1/10

Left: 433.147+/-163.140 χ^2/NDF: 47.2/23

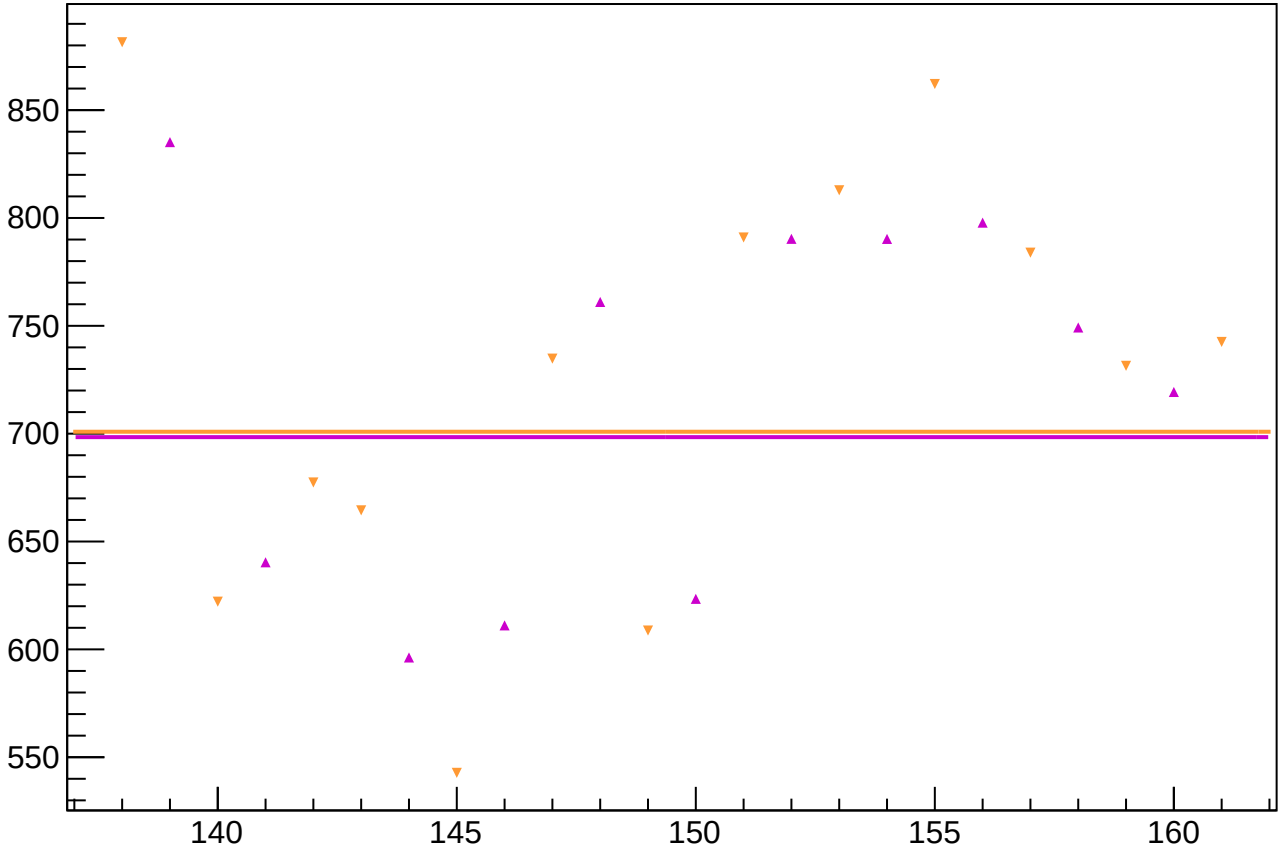
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -393.312+/-234.374 χ^2/NDF:7.1/10

Out: 1209.924+/-227.221 χ^2/NDF:16.0/12

All: 433.147+/-163.140 χ^2/NDF: 47.2/23

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 700.899+/-0.161 χ^2/NDF:392202.0/12

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

Left In: 698.393+/-0.166 χ^2/NDF:252334.2/10

Left: 699.685+/-0.115 χ^2/NDF: 644654.1/23

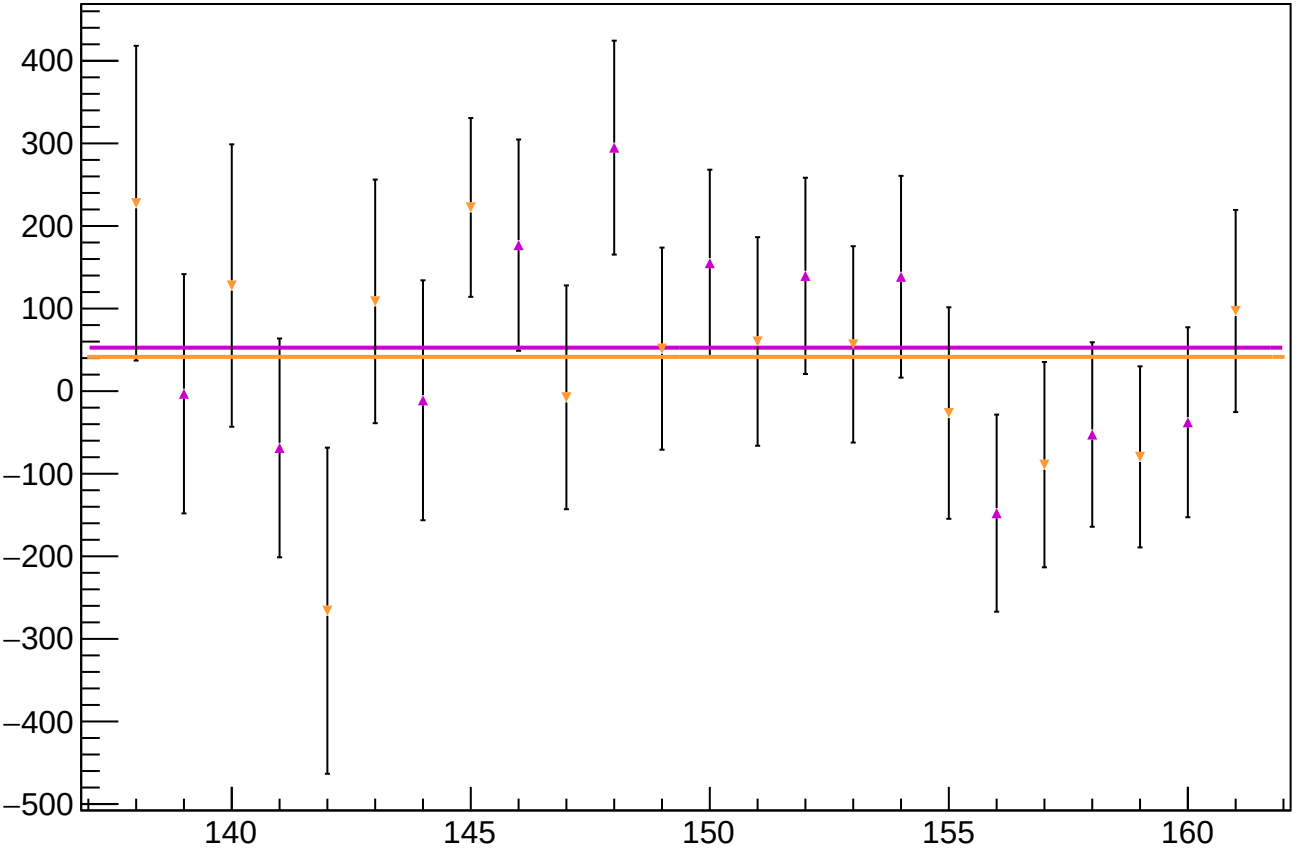
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 698.393+/-0.166 χ^2/NDF:252334.2/10

Out: 700.899+/-0.161 χ^2/NDF:392202.0/12

All: 699.685+/-0.115 χ^2/NDF: 644654.1/23

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 41.496+/-36.539 χ^2/NDF:9.6/12

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

Left In: 52.663+/-37.409 χ^2/NDF:11.8/10

Left: 46.948+/-26.139 χ^2/NDF: 21.5/23

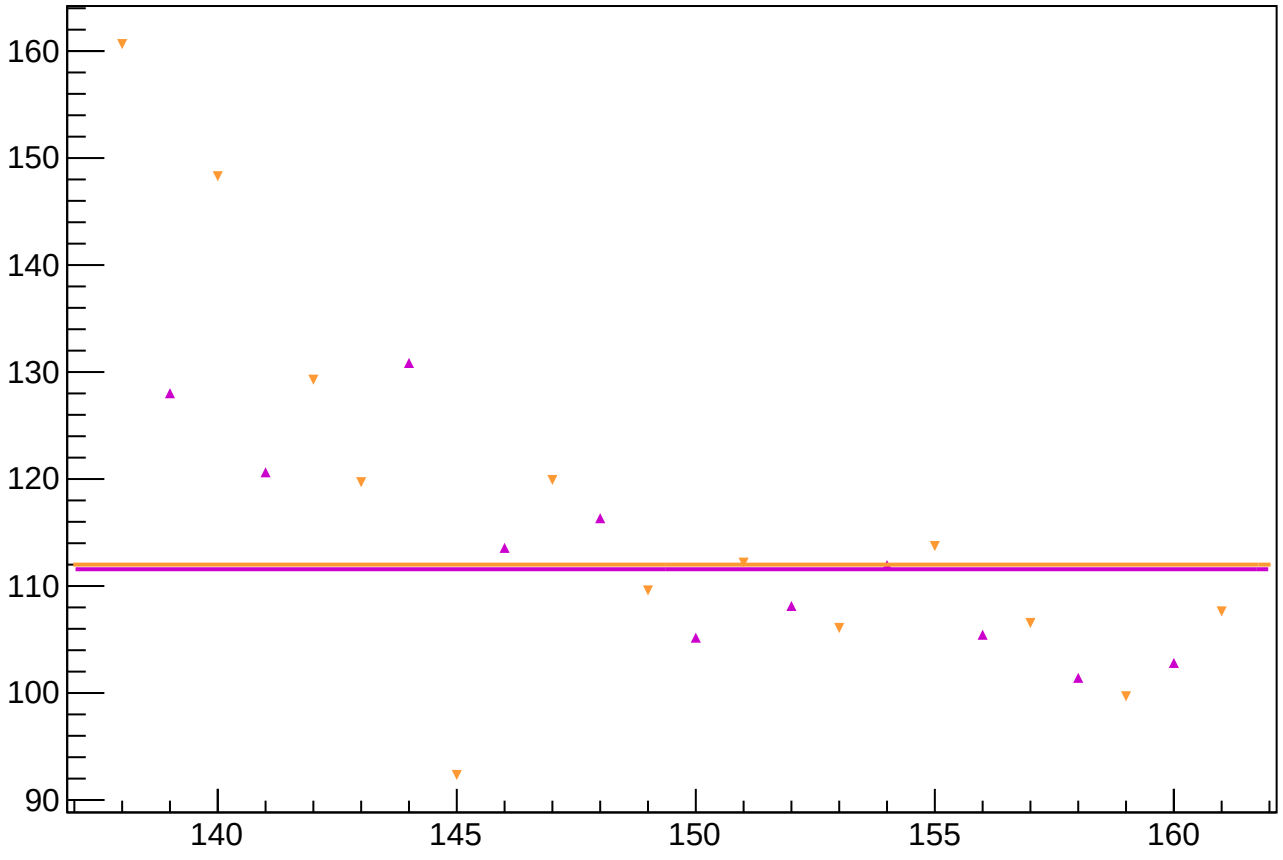
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 52.663+/-37.409 χ^2/NDF:11.8/10

Out: 41.496+/-36.539 χ^2/NDF:9.6/12

All: 46.948+/-26.139 χ^2/NDF: 21.5/23

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.000+/-0.026 χ^2/NDF:351757.5/12

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

Left In: 111.567+/-0.026 χ^2/NDF:115012.5/10

Left: 111.789+/-0.018 χ^2/NDF: 466906.9/23

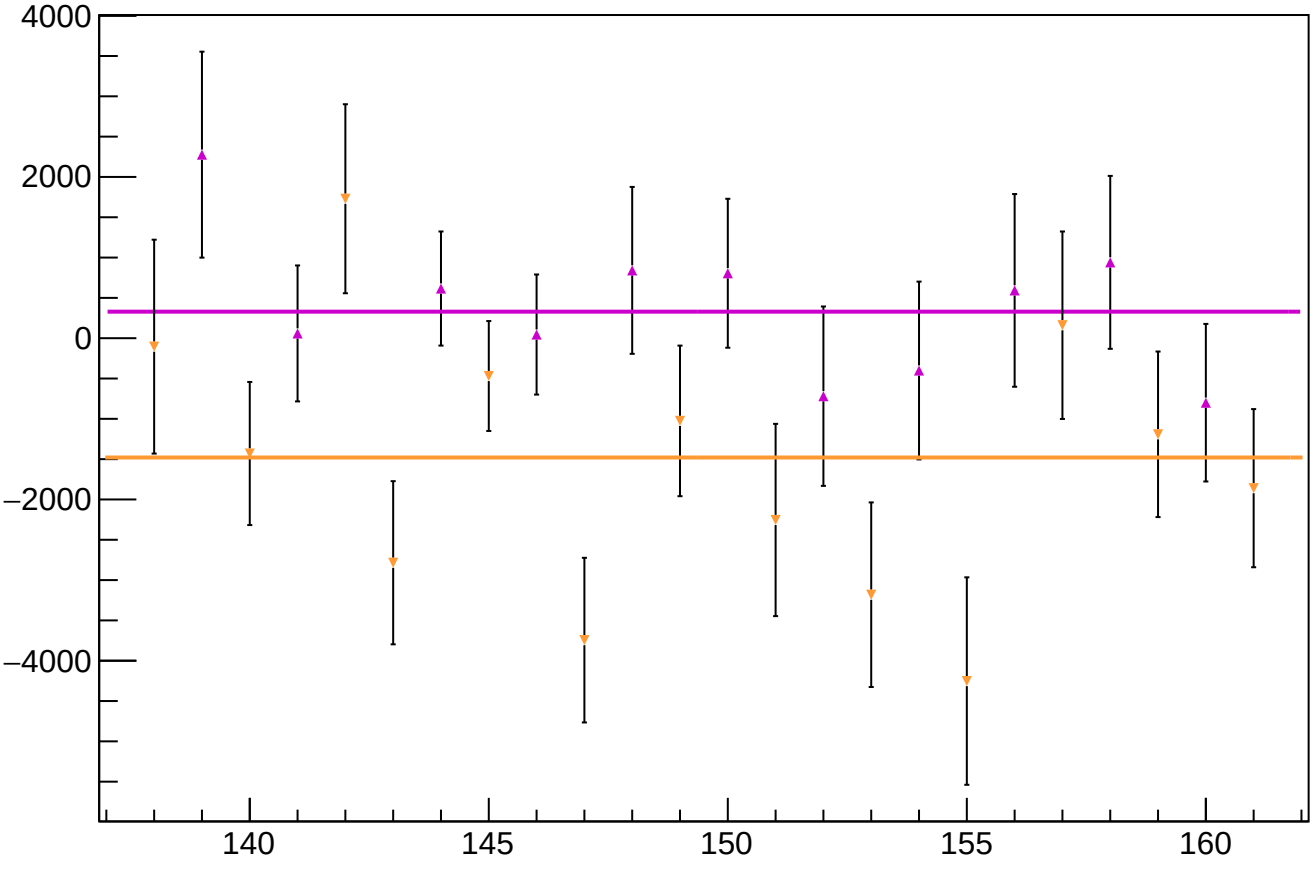
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.567+/-0.026 χ^2/NDF:115012.5/10

Out: 112.000+/-0.026 χ^2/NDF:351757.5/12

All: 111.789+/-0.018 χ^2/NDF: 466906.9/23

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1479.537+/-281.717 χ^2/NDF:27.1/12

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

Left In: 329.008+/-286.607 χ^2/NDF:6.3/10

Left: -590.825+/-200.911 χ^2/NDF: 53.6/23

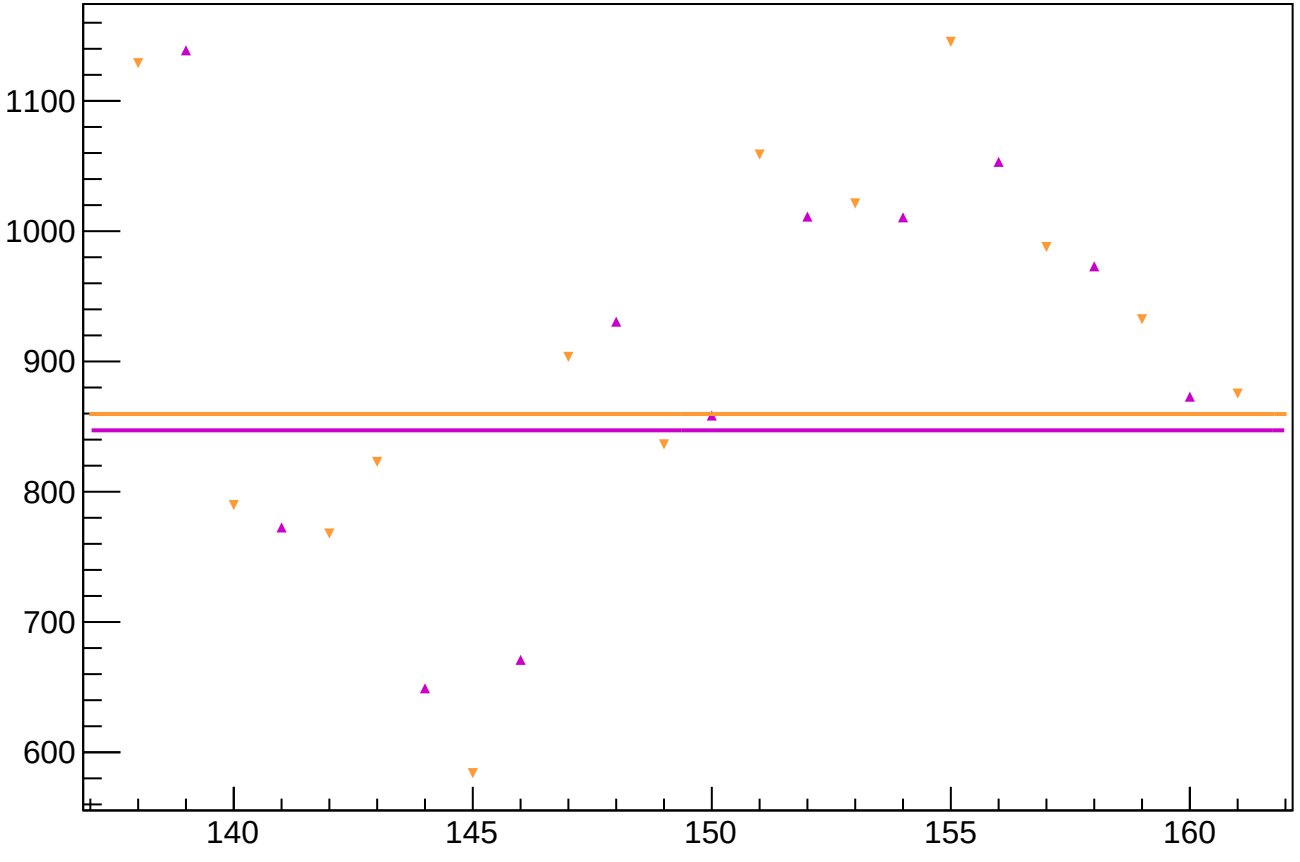
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 329.008+/-286.607 χ^2/NDF:6.3/10

Out: -1479.537+/-281.717 χ^2/NDF:27.1/12

All: -590.825+/-200.911 χ^2/NDF: 53.6/23

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 859.648+/-0.199 χ^2/NDF:671019.6/12

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

Left In: 847.135+/-0.203 χ^2/NDF:577758.0/10

Left: 853.499+/-0.142 χ^2/NDF: 1250716.8/23

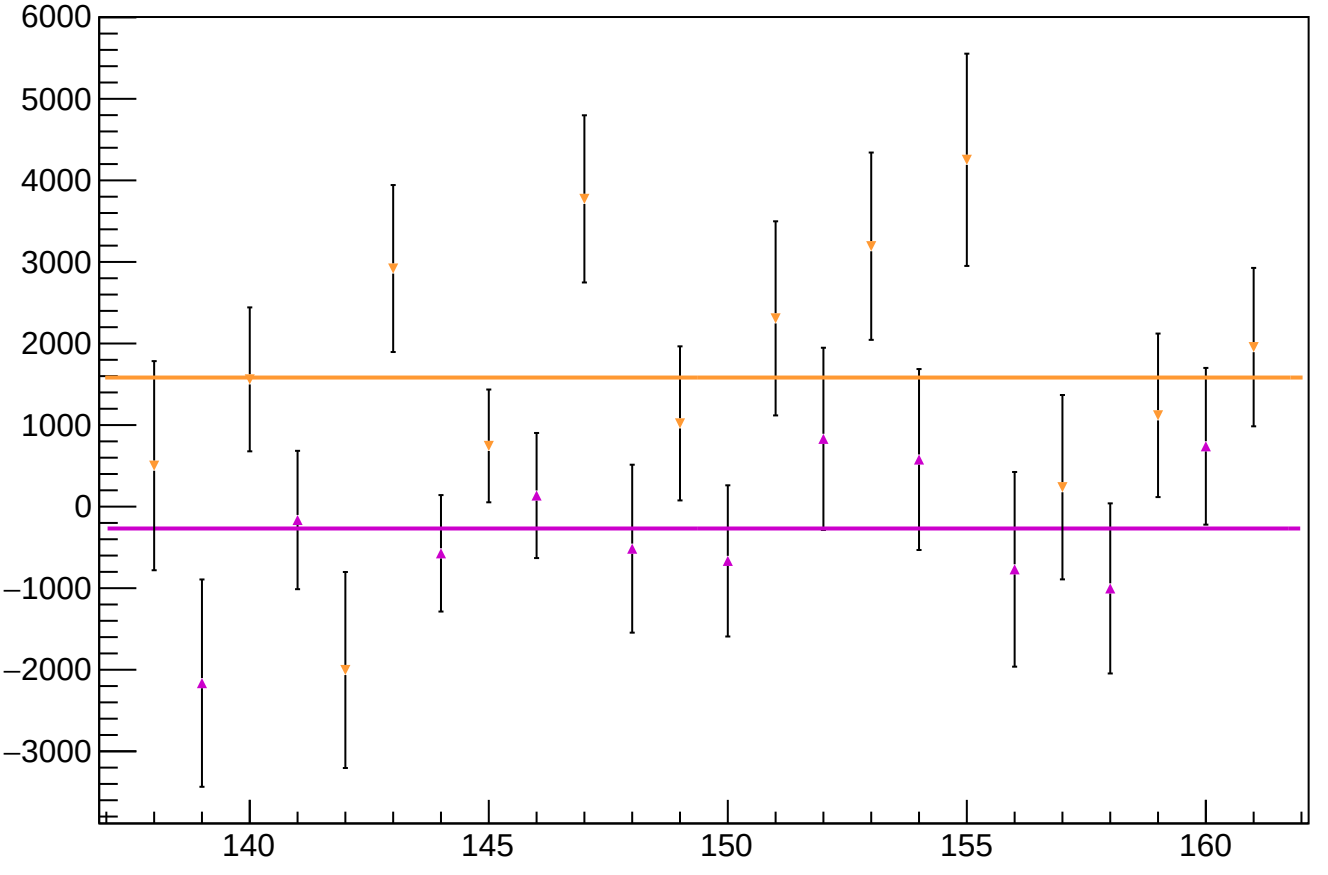
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 847.135+/-0.203 χ^2/NDF:577758.0/10

Out: 859.648+/-0.199 χ^2/NDF:671019.6/12

All: 853.499+/-0.142 χ^2/NDF: 1250716.8/23

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1582.725+/-281.756 χ^2/NDF:26.0/12

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

Left In: -268.210+/-287.518 χ^2/NDF:6.3/10

Left: 675.989+/-201.238 χ^2/NDF: 53.4/23

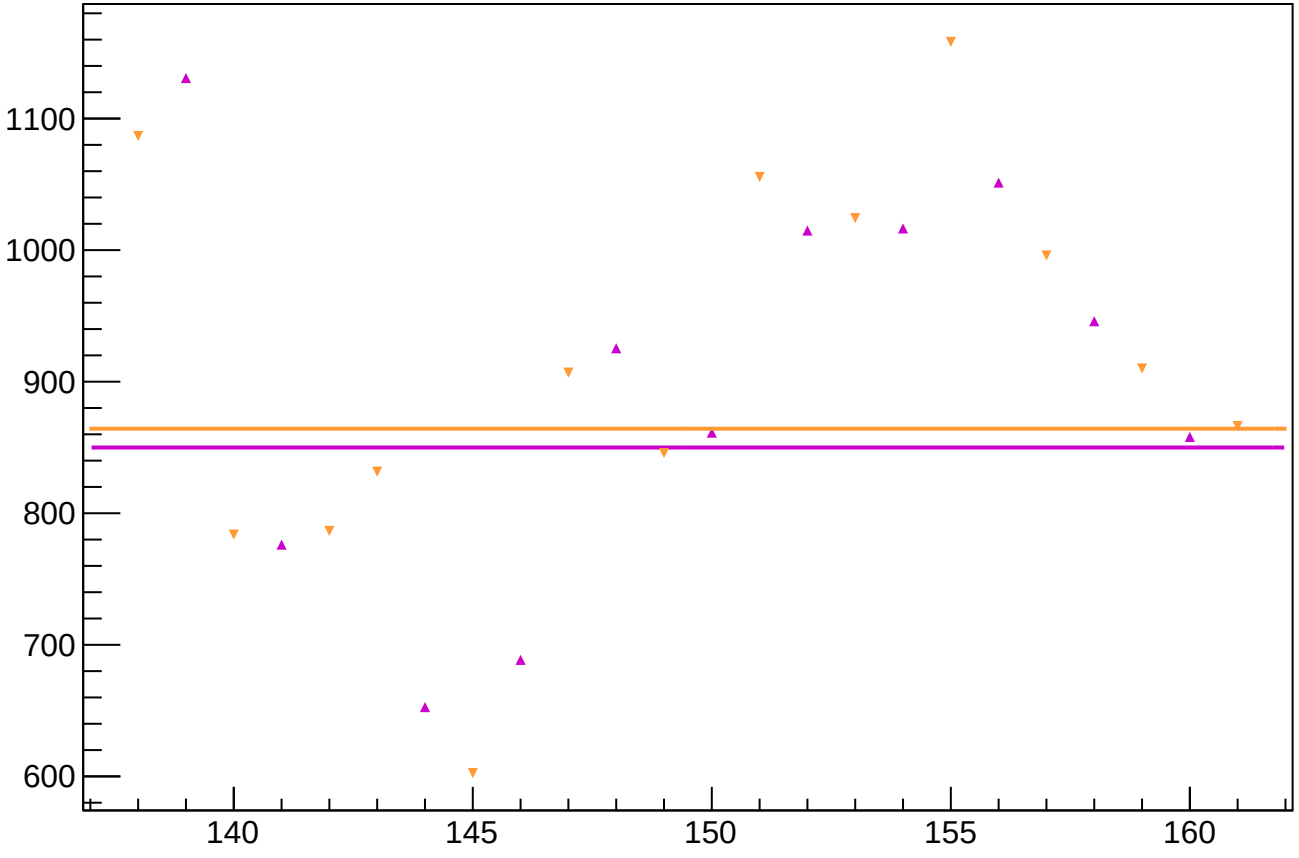
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -268.210+/-287.518 χ^2/NDF:6.3/10

Out: 1582.725+/-281.756 χ^2/NDF:26.0/12

All: 675.989+/-201.238 χ^2/NDF: 53.4/23

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 864.281+/-0.199 χ^2/NDF:602171.2/12

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

Left In: 849.972+/-0.203 χ^2/NDF:527801.0/10

Left: 857.272+/-0.142 χ^2/NDF: 1132499.0/23

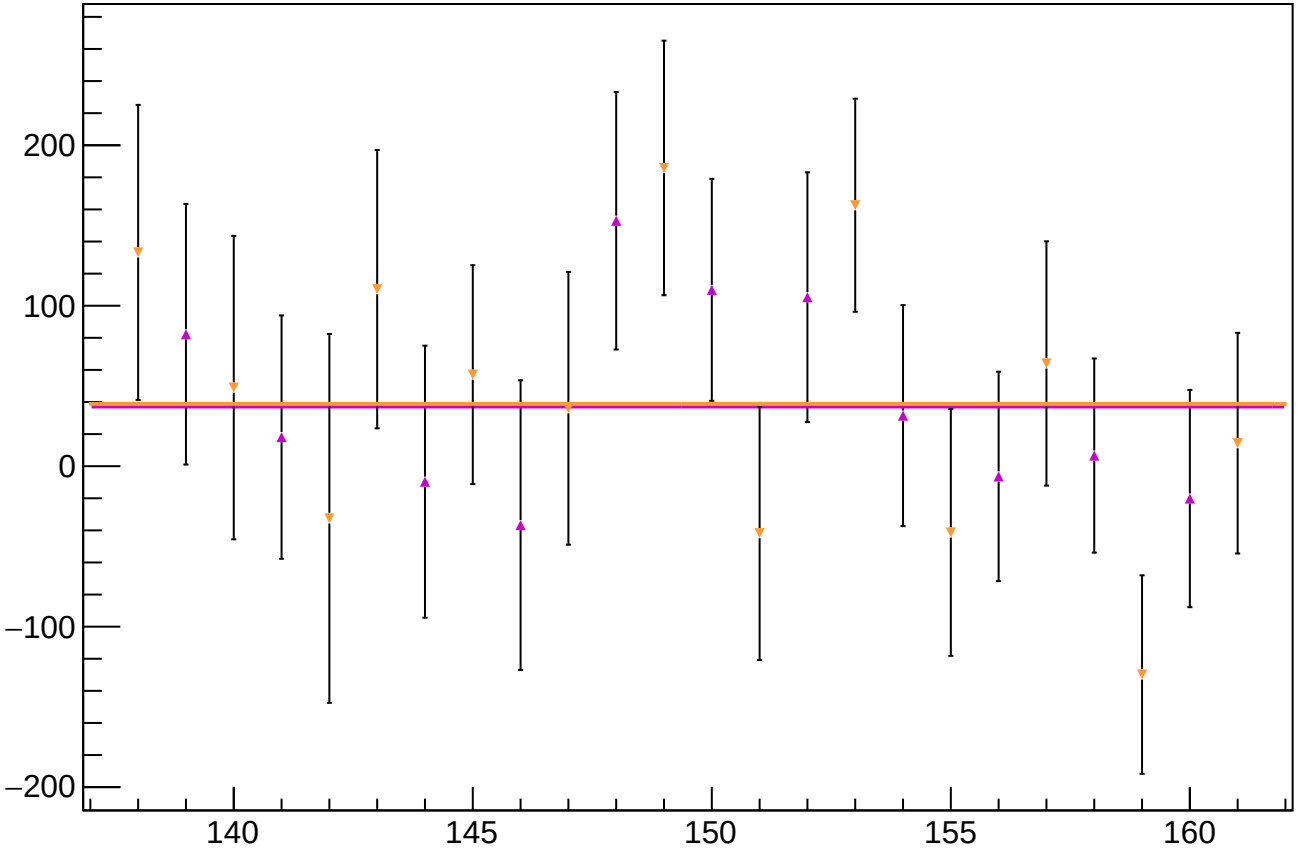
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 849.972+/-0.203 χ^2/NDF:527801.0/10

Out: 864.281+/-0.199 χ^2/NDF:602171.2/12

All: 857.272+/-0.142 χ^2/NDF: 1132499.0/23

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 38.846+/-21.552 χ^2/NDF:18.9/12

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

Left In: 37.211+/-22.065 χ^2/NDF:6.7/10

Left: 38.048+/-15.418 χ^2/NDF: 25.6/23

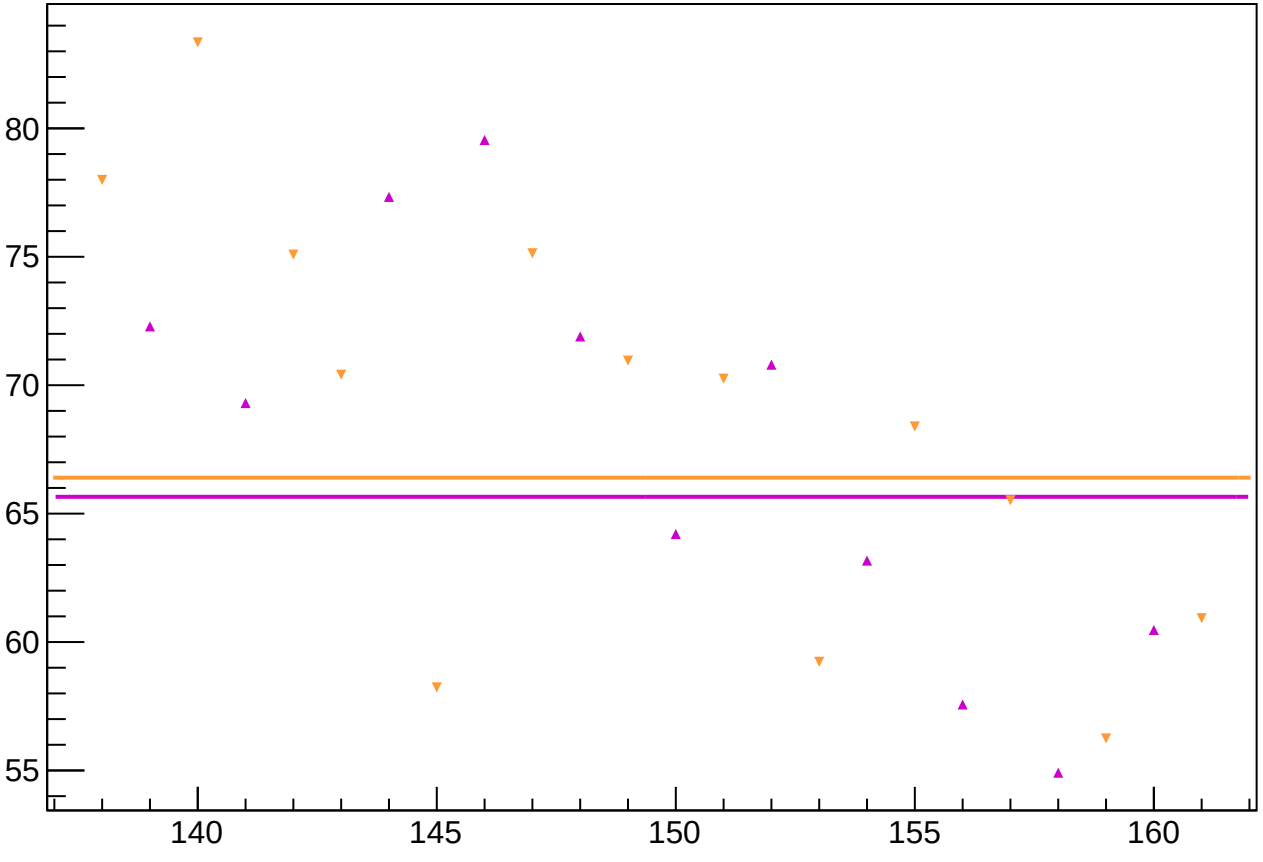
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 37.211+/-22.065 χ^2/NDF:6.7/10

Out: 38.846+/-21.552 χ^2/NDF:18.9/12

All: 38.048+/-15.418 χ^2/NDF: 25.6/23

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 66.400+/-0.015 χ^2/NDF:264421.0/12

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

Left In: 65.655+/-0.016 χ^2/NDF:233153.0/10

Left: 66.036+/-0.011 χ^2/NDF: 498741.0/23

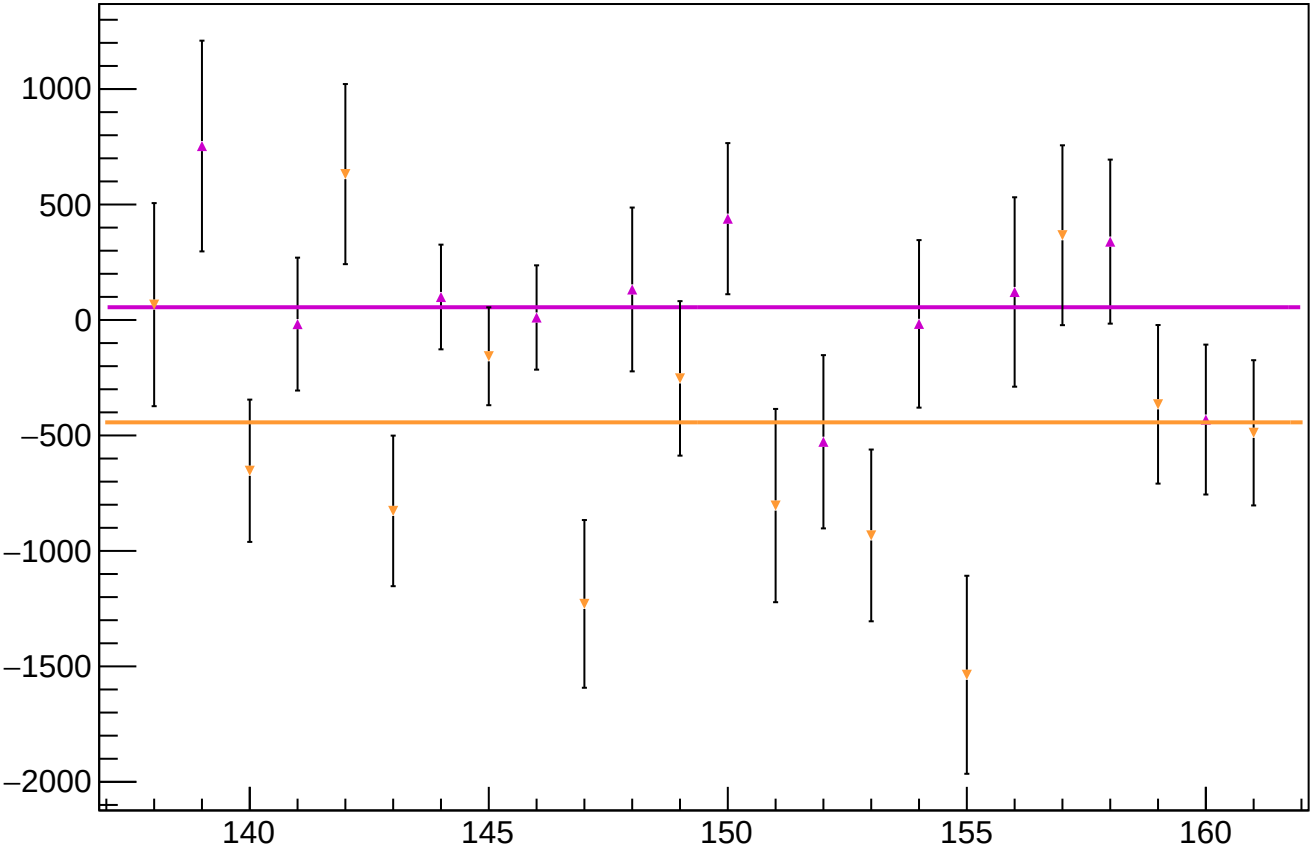
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.655+/-0.016 χ^2/NDF:233153.0/10

Out: 66.400+/-0.015 χ^2/NDF:264421.0/12

All: 66.036+/-0.011 χ^2/NDF: 498741.0/23

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -443.259+/-93.643 χ^2/NDF:31.0/12

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

Left In: 55.203+/-94.783 χ^2/NDF:9.3/10

Left: -197.043+/-66.615 χ^2/NDF: 54.3/23

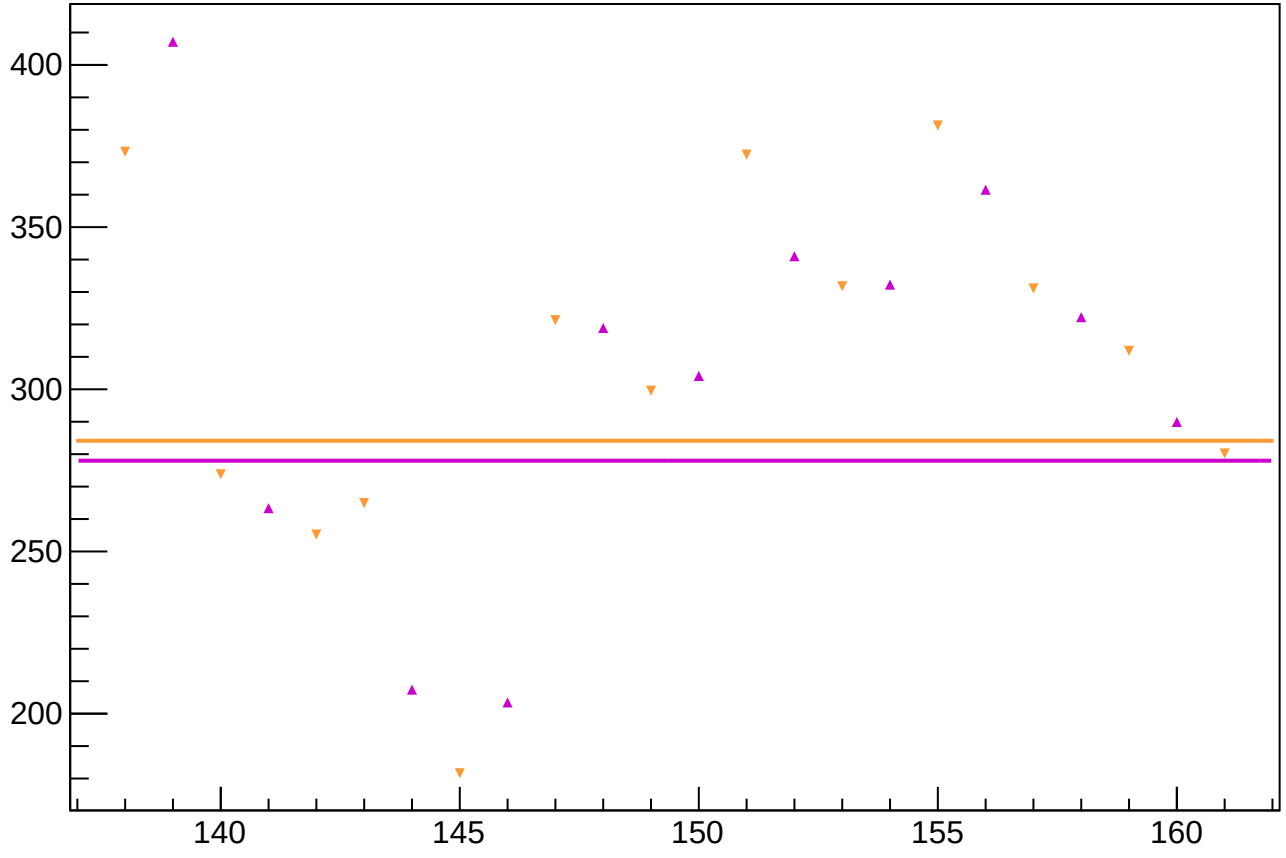
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 55.203+/-94.783 χ^2/NDF:9.3/10

Out: -443.259+/-93.643 χ^2/NDF:31.0/12

All: -197.043+/-66.615 χ^2/NDF: 54.3/23

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 284.140+/-0.066 χ^2/NDF:862365.5/12

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

Left In: 277.986+/-0.067 χ^2/NDF:834593.8/10

Left: 281.100+/-0.047 χ^2/NDF: 1701226.8/23

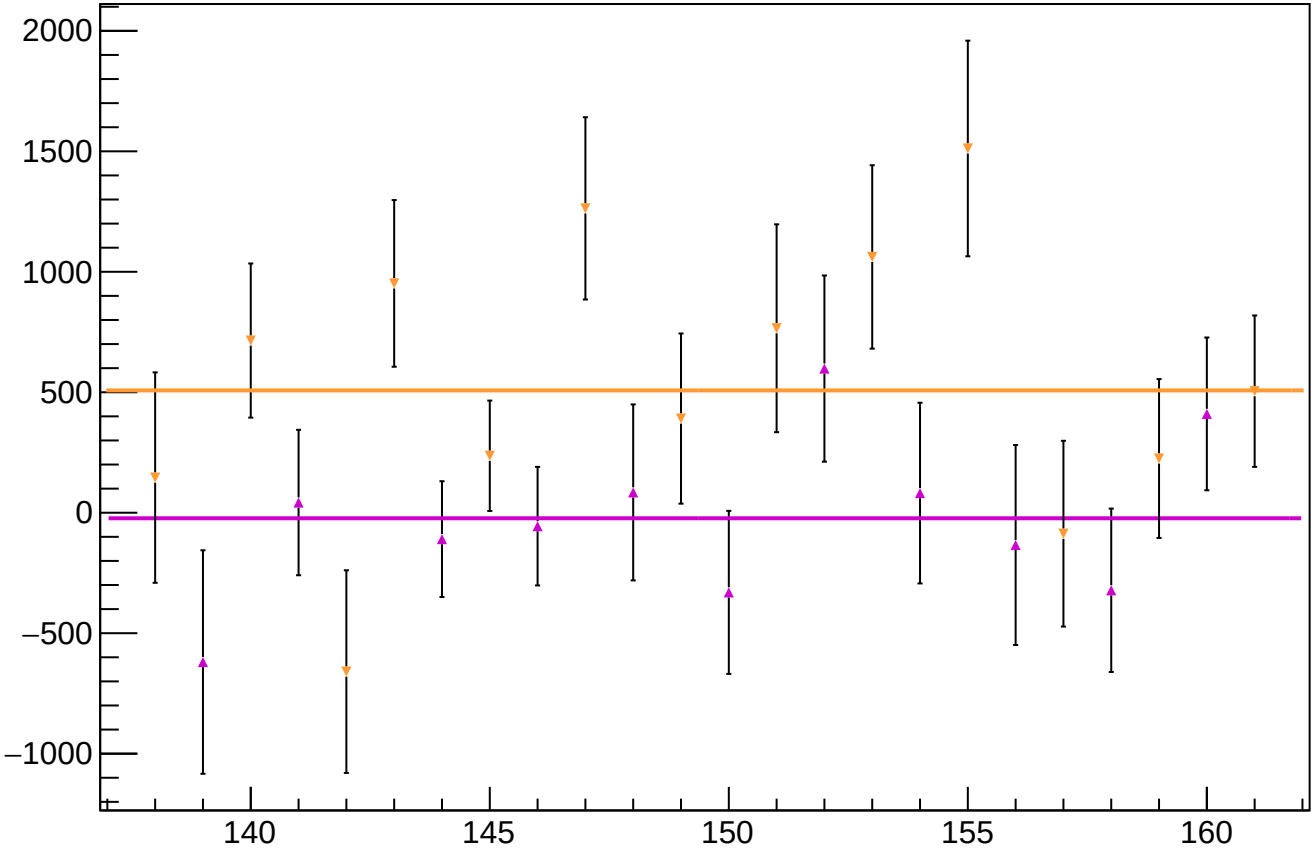
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 277.986+/-0.067 χ^2/NDF:834593.8/10

Out: 284.140+/-0.066 χ^2/NDF:862365.5/12

All: 281.100+/-0.047 χ^2/NDF: 1701226.8/23

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 507.682+/-96.941 χ^2/NDF:26.6/12

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

Left In: -23.055+/-98.085 χ^2/NDF:8.1/10

Left: 245.426+/-68.949 χ^2/NDF: 49.5/23

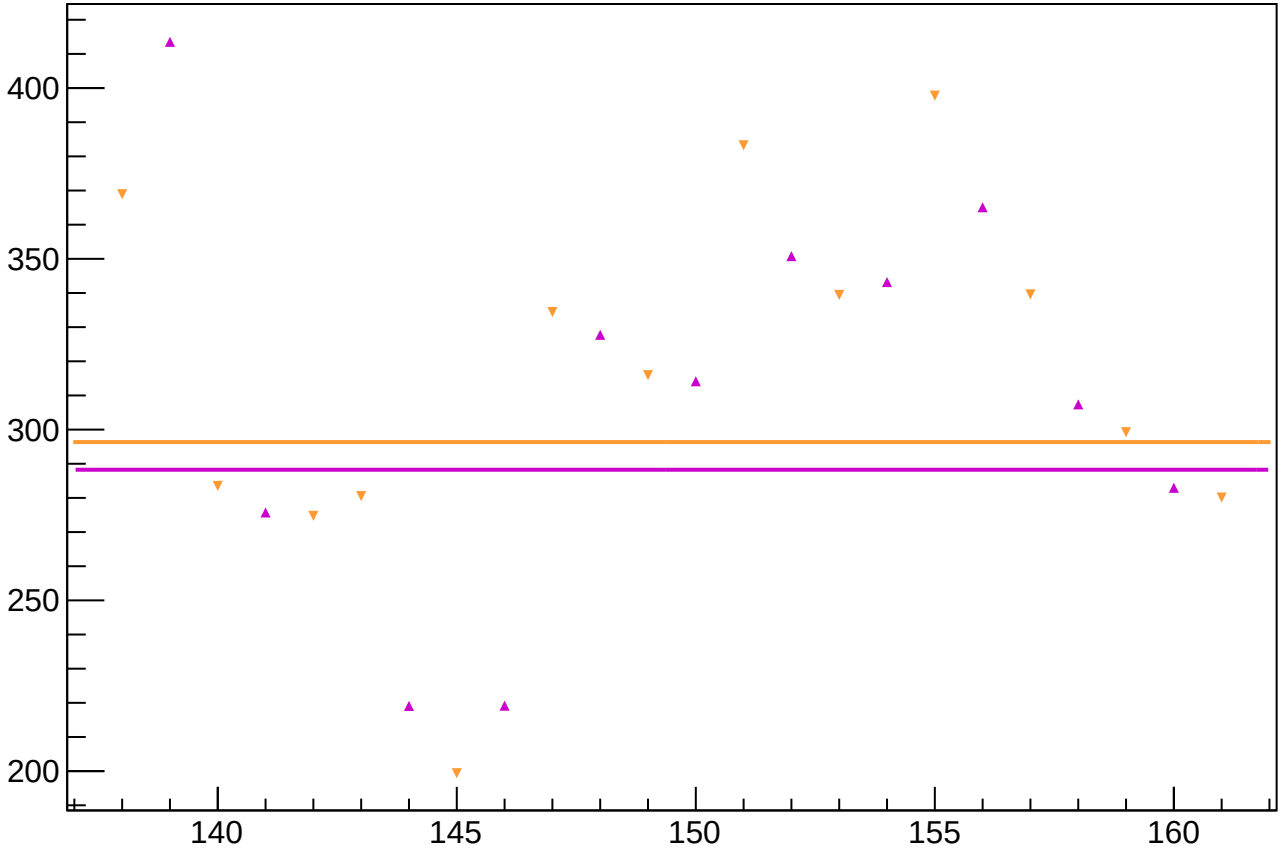
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -23.055+/-98.085 χ^2/NDF:8.1/10

Out: 507.682+/-96.941 χ^2/NDF:26.6/12

All: 245.426+/-68.949 χ^2/NDF: 49.5/23

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 296.347+/-0.069 χ^2/NDF:692829.1/12

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

Left In: 288.254+/-0.069 χ^2/NDF:678522.2/10

Left: 292.348+/-0.049 χ^2/NDF: 1378240.1/23

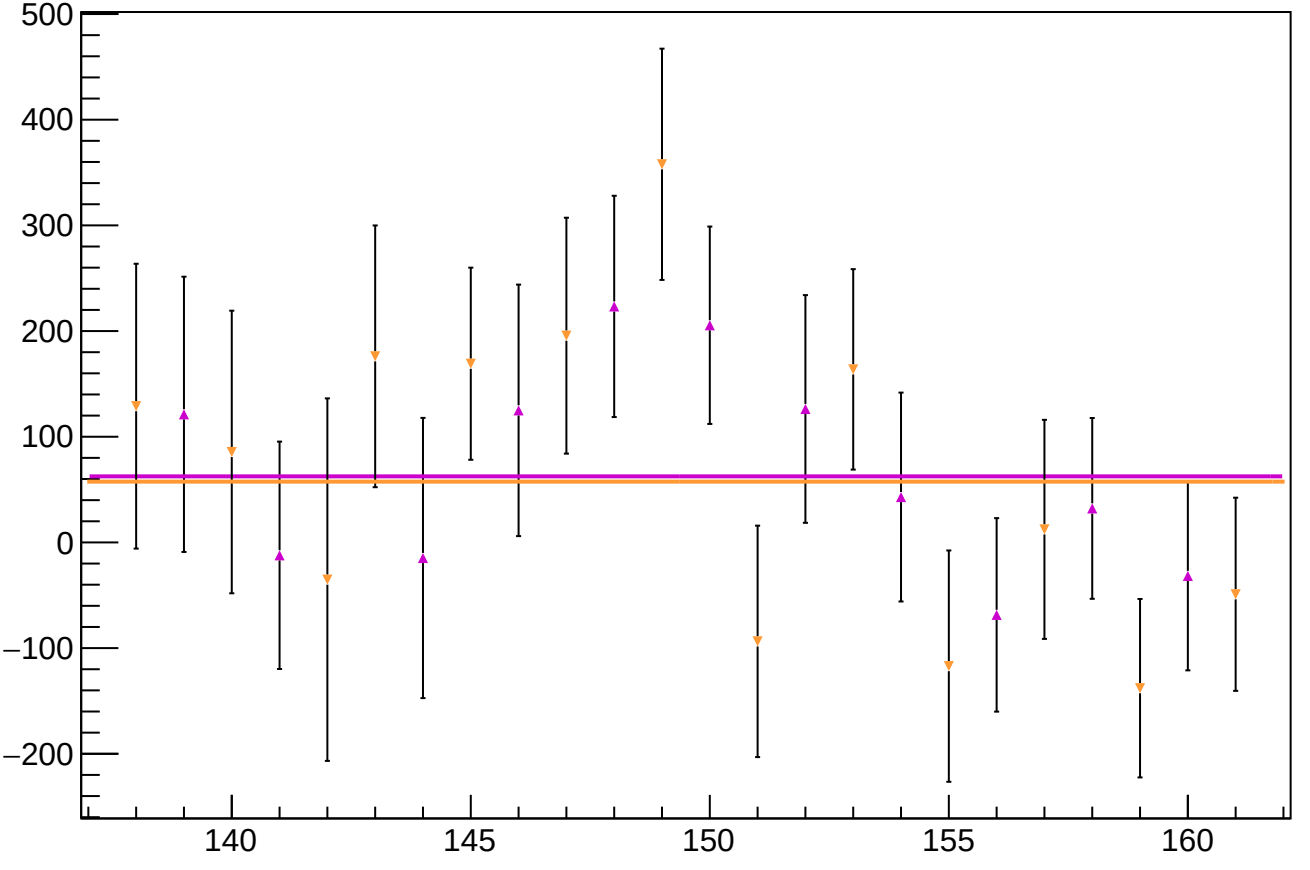
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 288.254+/-0.069 χ^2/NDF:678522.2/10

Out: 296.347+/-0.069 χ^2/NDF:692829.1/12

All: 292.348+/-0.049 χ^2/NDF: 1378240.1/23

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 57.524+/-29.798 χ^2/NDF:24.7/12

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

Left In: 62.512+/-30.882 χ^2/NDF:9.7/10

Left: 59.929+/-21.443 χ^2/NDF: 34.4/23

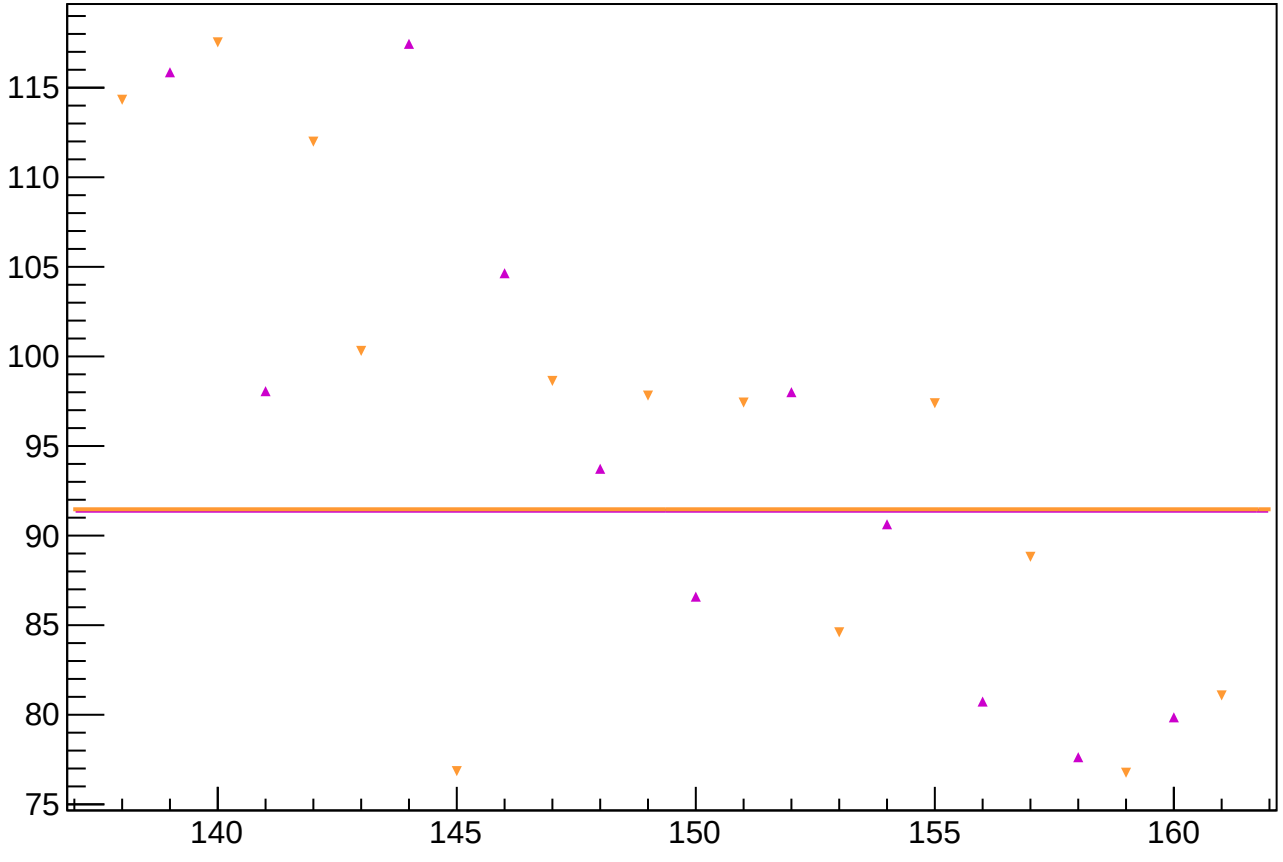
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.512+/-30.882 χ^2/NDF:9.7/10

Out: 57.524+/-29.798 χ^2/NDF:24.7/12

All: 59.929+/-21.443 χ^2/NDF: 34.4/23

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 91.468+/-0.021 χ^2/NDF:349075.6/12

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

Left In: 91.389+/-0.022 χ^2/NDF:306463.1/10

Left: 91.430+/-0.015 χ^2/NDF: 655545.6/23

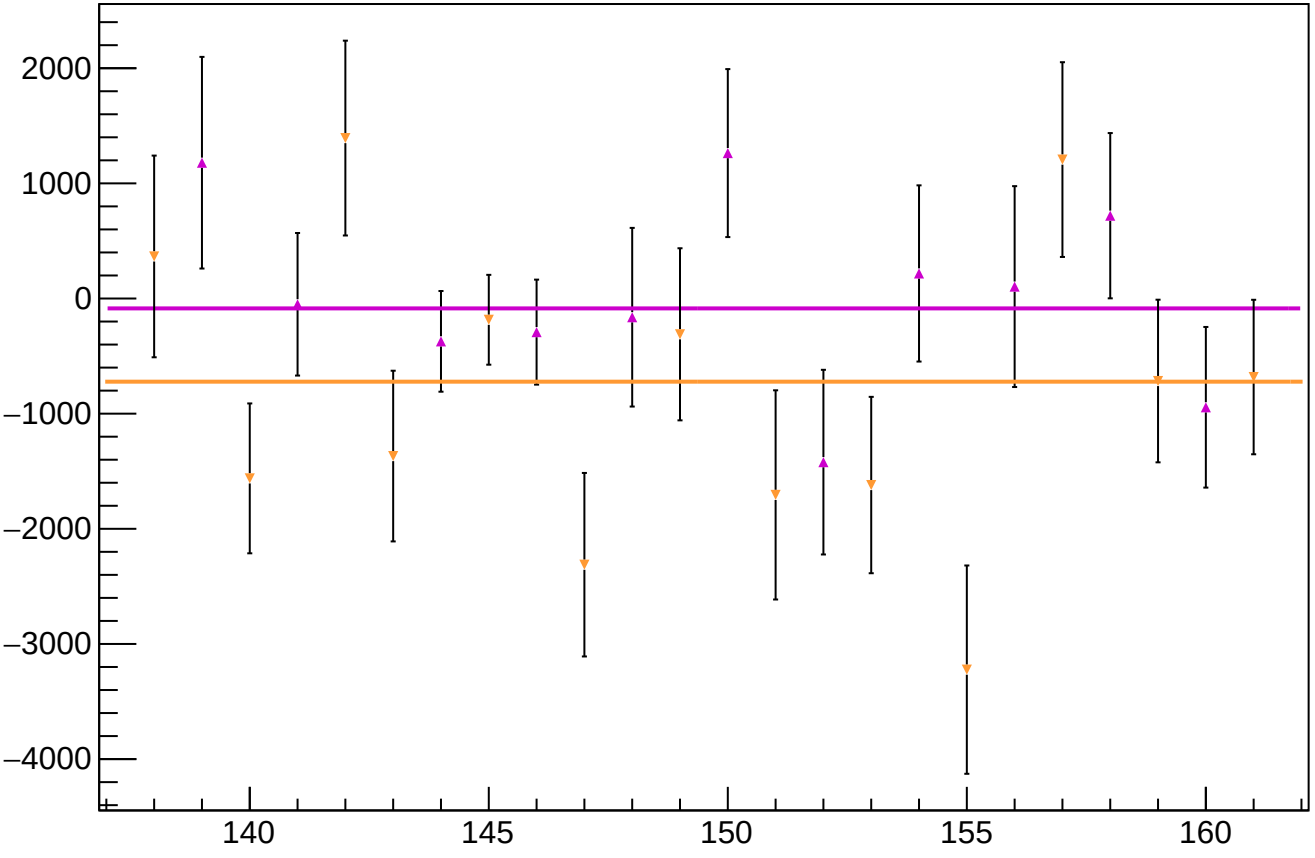
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.389+/-0.022 χ^2/NDF:306463.1/10

Out: 91.468+/-0.021 χ^2/NDF:349075.6/12

All: 91.430+/-0.015 χ^2/NDF: 655545.6/23

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -722.212+/-193.953 χ^2/NDF:31.8/12

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

Left In: -85.889+/-196.300 χ^2/NDF:11.7/10

Left: -407.877+/-137.968 χ^2/NDF: 48.8/23

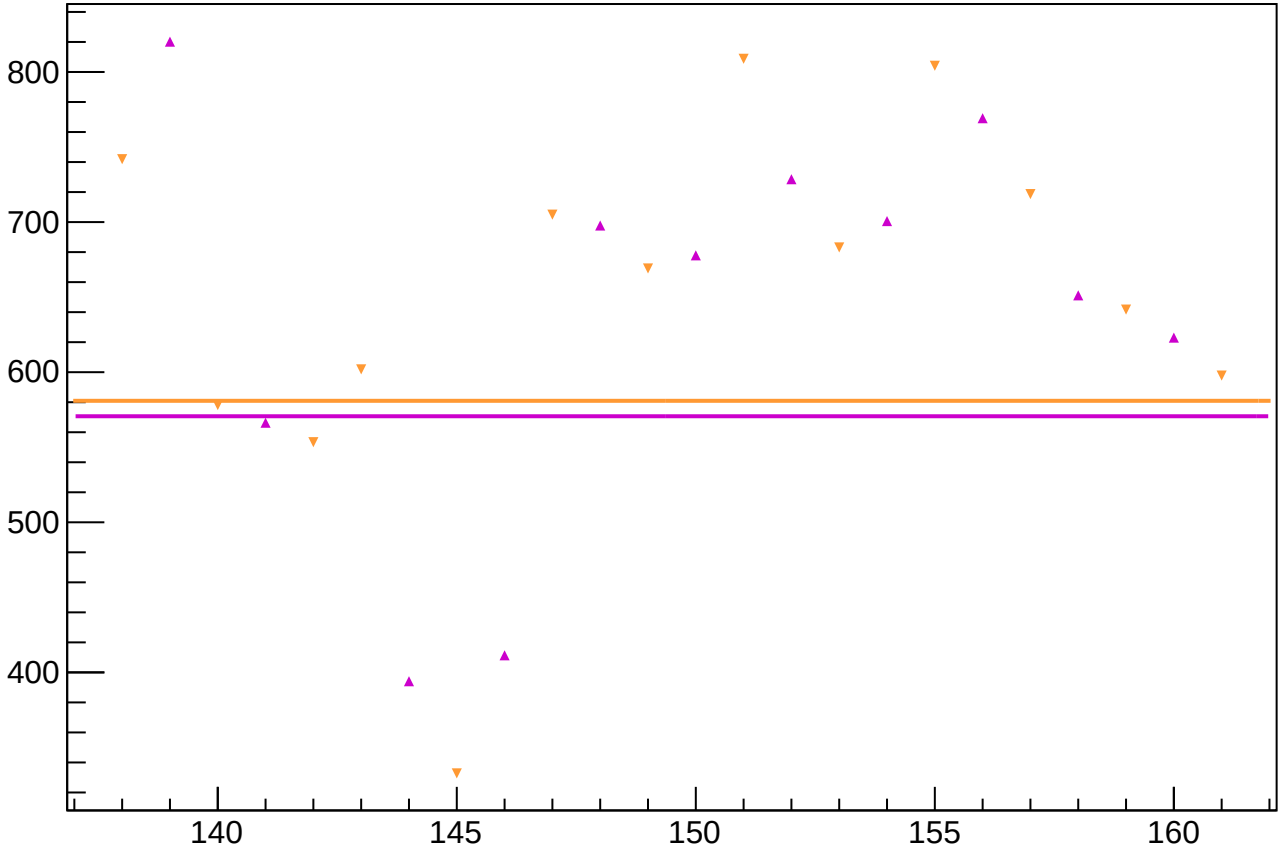
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -85.889+/-196.300 χ^2/NDF:11.7/10

Out: -722.212+/-193.953 χ^2/NDF:31.8/12

All: -407.877+/-137.968 χ^2/NDF: 48.8/23

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 580.936+/-0.137 χ^2/NDF:1309574.5/12

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

Left In: 570.647+/-0.139 χ^2/NDF:1089977.2/10

Left: 575.853+/-0.098 χ^2/NDF: 2402331.9/23

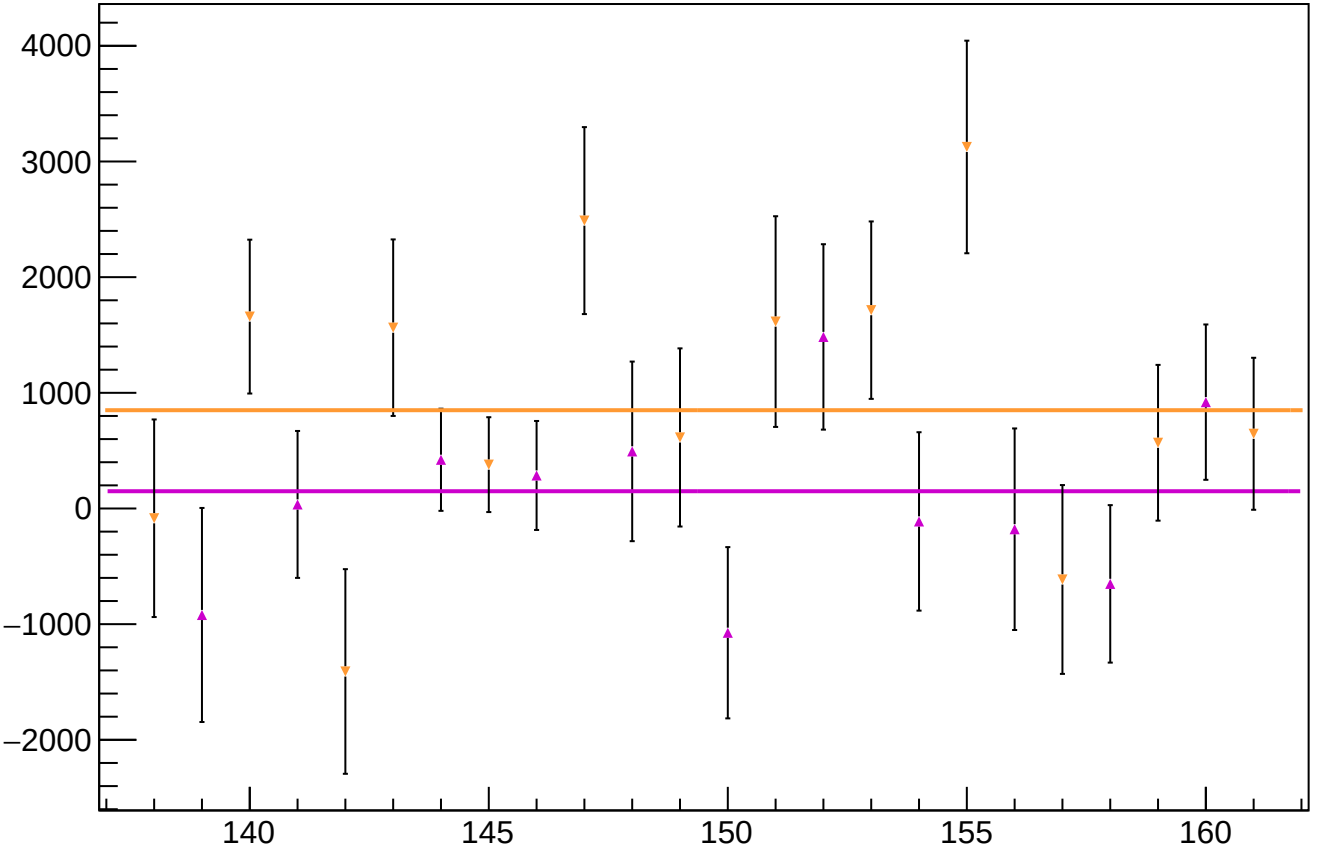
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 570.647+/-0.139 χ^2/NDF:1089977.2/10

Out: 580.936+/-0.137 χ^2/NDF:1309574.5/12

All: 575.853+/-0.098 χ^2/NDF: 2402331.9/23

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 849.746+/-196.478 χ^2/NDF:27.2/12

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

Left In: 149.274+/-197.287 χ^2/NDF:10.5/10

Left: 500.949+/-139.216 χ^2/NDF: 44.0/23

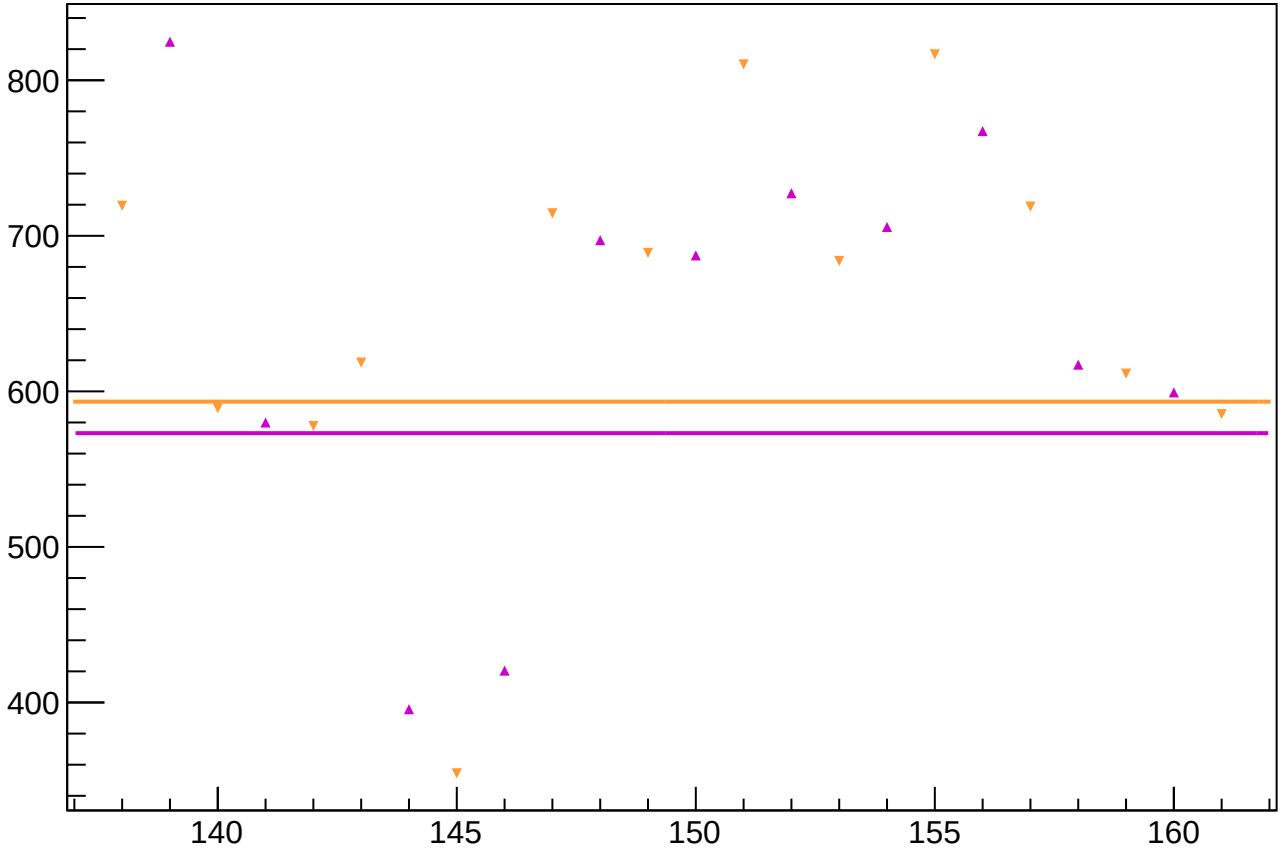
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 149.274+/-197.287 χ^2/NDF:10.5/10

Out: 849.746+/-196.478 χ^2/NDF:27.2/12

All: 500.949+/-139.216 χ^2/NDF: 44.0/23

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 593.398+/-0.139 χ^2/NDF:1109430.7/12

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

Left In: 573.132+/-0.140 χ^2/NDF:1023675.4/10

Left: 583.307+/-0.098 χ^2/NDF: 2143701.9/23

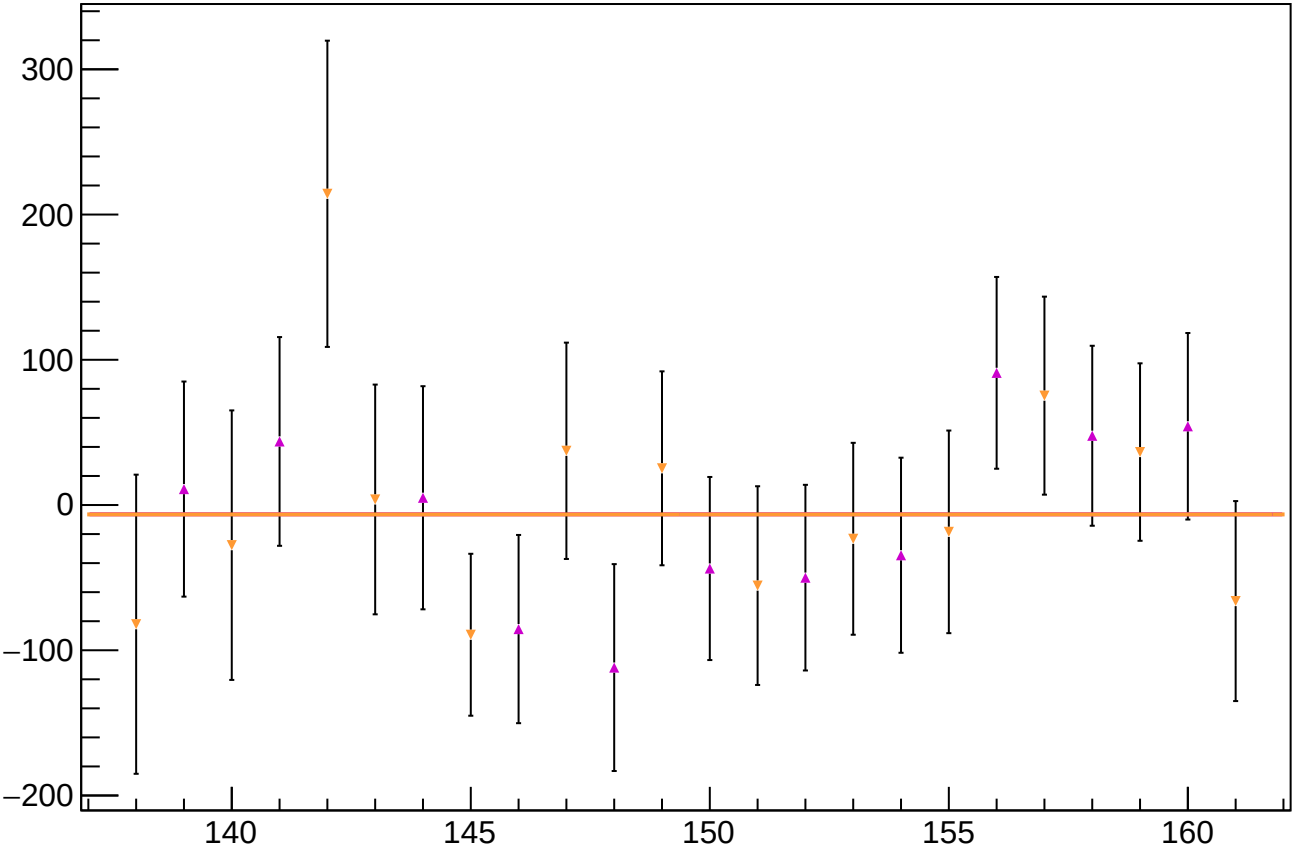
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 573.132+/-0.140 χ^2/NDF:1023675.4/10

Out: 593.398+/-0.139 χ^2/NDF:1109430.7/12

All: 583.307+/-0.098 χ^2/NDF: 2143701.9/23

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: -6.466+/-19.885 χ^2/NDF:11.1/12

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

Left In: -6.390+/-20.281 χ^2/NDF:9.1/10

Left: -6.429+/-14.199 χ^2/NDF: 20.1/23

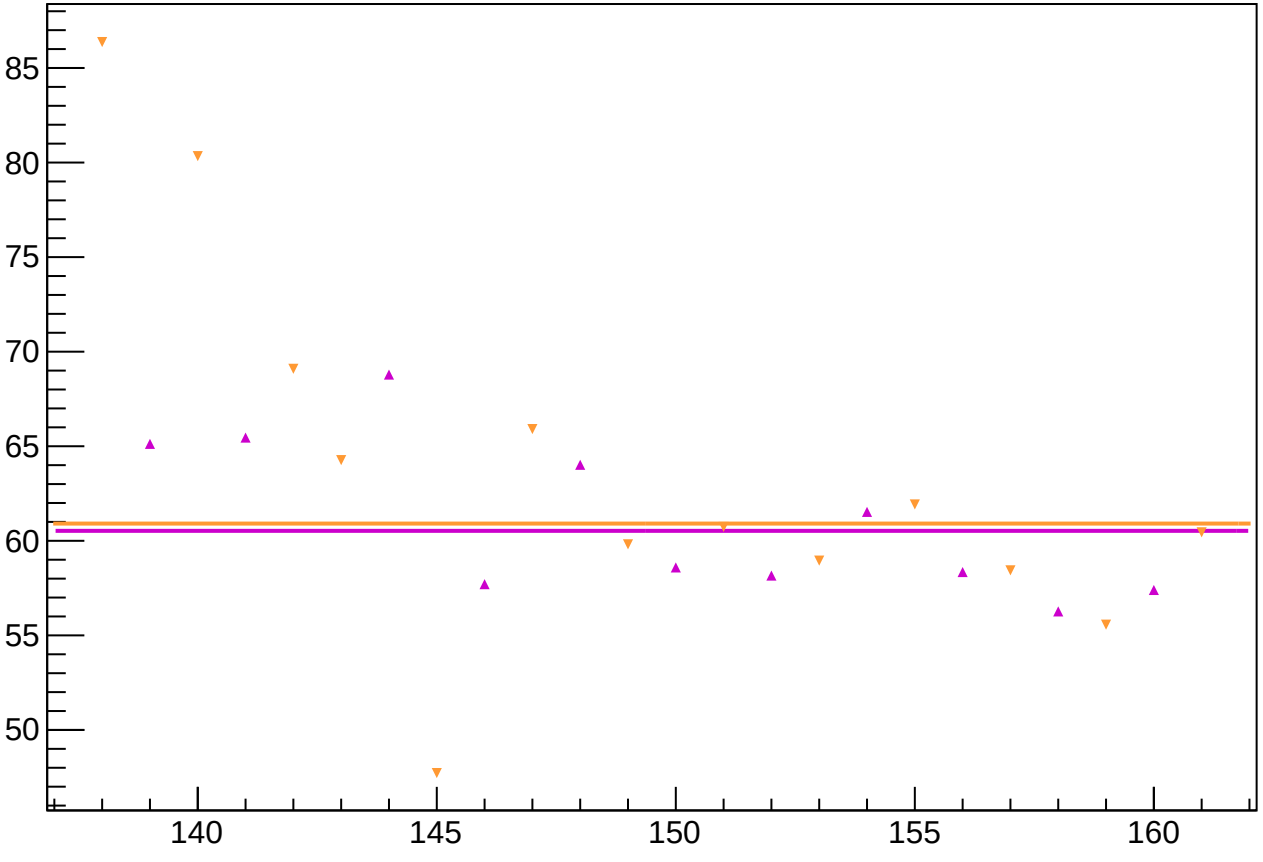
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.390+/-20.281 χ^2/NDF:9.1/10

Out: -6.466+/-19.885 χ^2/NDF:11.1/12

All: -6.429+/-14.199 χ^2/NDF: 20.1/23

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 60.911+/-0.014 χ^2/NDF:367302.0/12

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

Left In: 60.527+/-0.014 χ^2/NDF:70311.0/10

Left: 60.723+/-0.010 χ^2/NDF: 437978.9/23

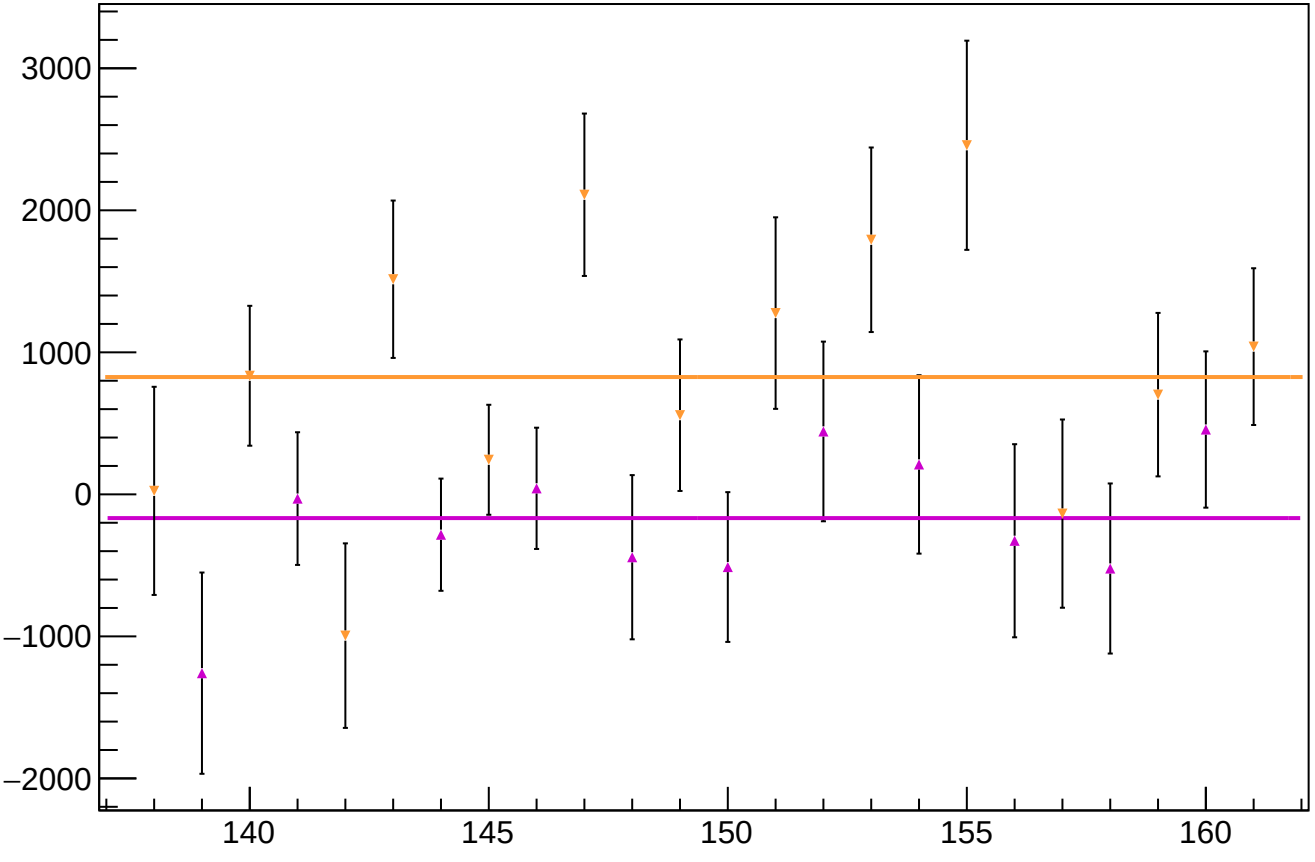
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.527+/-0.014 χ^2/NDF:70311.0/10

Out: 60.911+/-0.014 χ^2/NDF:367302.0/12

All: 60.723+/-0.010 χ^2/NDF: 437978.9/23

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: 825.989+/-158.418 χ^2/NDF:28.0/12

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

Left In: -167.168+/-161.482 χ^2/NDF:6.4/10

Left: 338.921+/-113.086 χ^2/NDF: 53.7/23

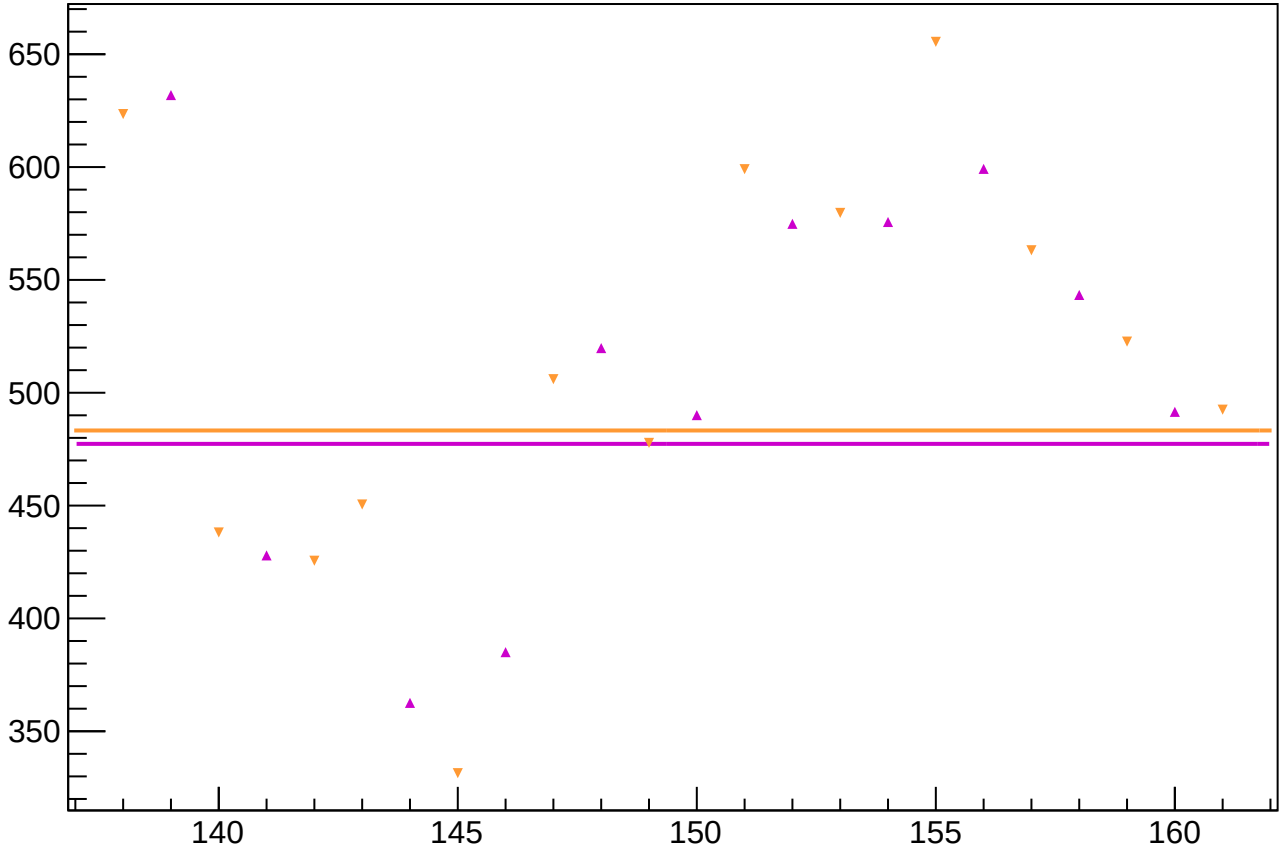
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -167.168+/-161.482 χ^2/NDF:6.4/10

Out: 825.989+/-158.418 χ^2/NDF:28.0/12

All: 338.921+/-113.086 χ^2/NDF: 53.7/23

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: 483.279+/-0.112 χ^2/NDF:675169.9/12

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

Left In: 477.345+/-0.114 χ^2/NDF:578185.3/10

Left: 480.369+/-0.080 χ^2/NDF: 1254731.6/23

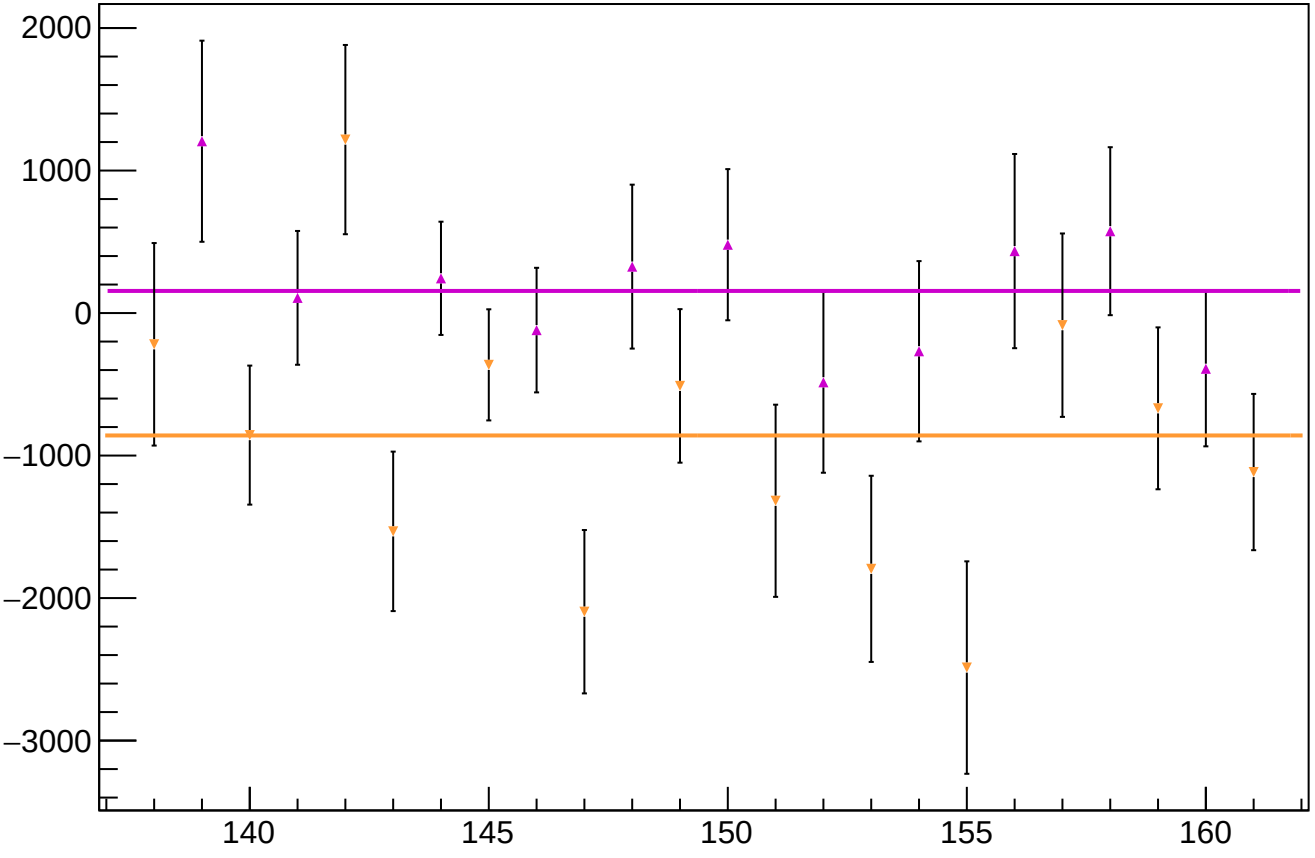
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 477.345+/-0.114 χ^2/NDF:578185.3/10

Out: 483.279+/-0.112 χ^2/NDF:675169.9/12

All: 480.369+/-0.080 χ^2/NDF: 1254731.6/23

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -858.915+/-158.323 χ^2/NDF:27.8/12

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

Left In: 155.212+/-162.056 χ^2/NDF:6.3/10

Left: -363.667+/-113.248 χ^2/NDF: 54.1/23

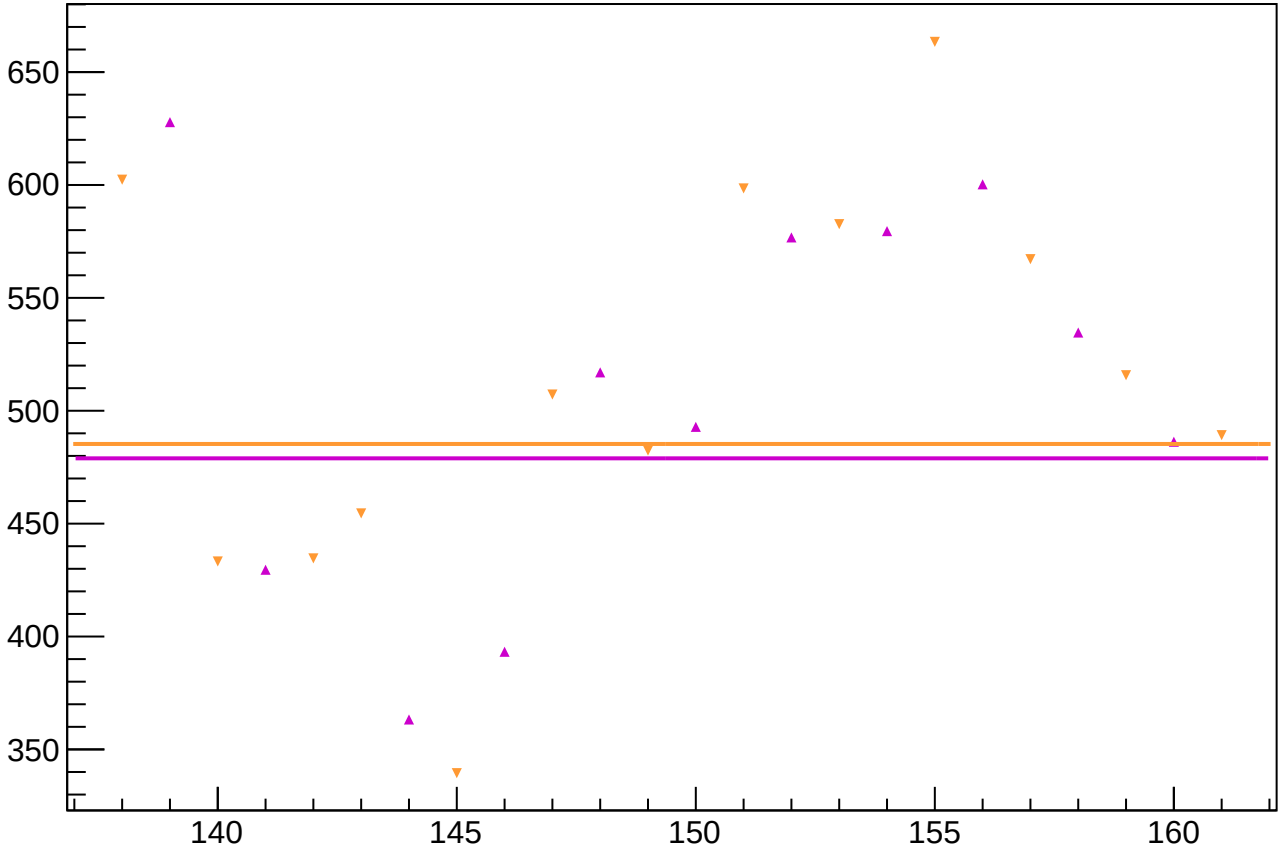
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 155.212+/-162.056 χ^2/NDF:6.3/10

Out: -858.915+/-158.323 χ^2/NDF:27.8/12

All: -363.667+/-113.248 χ^2/NDF: 54.1/23

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 485.290+/-0.112 χ^2/NDF:630588.0/12

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

Left In: 478.923+/-0.115 χ^2/NDF:547503.1/10

Left: 482.181+/-0.080 χ^2/NDF: 1179670.5/23

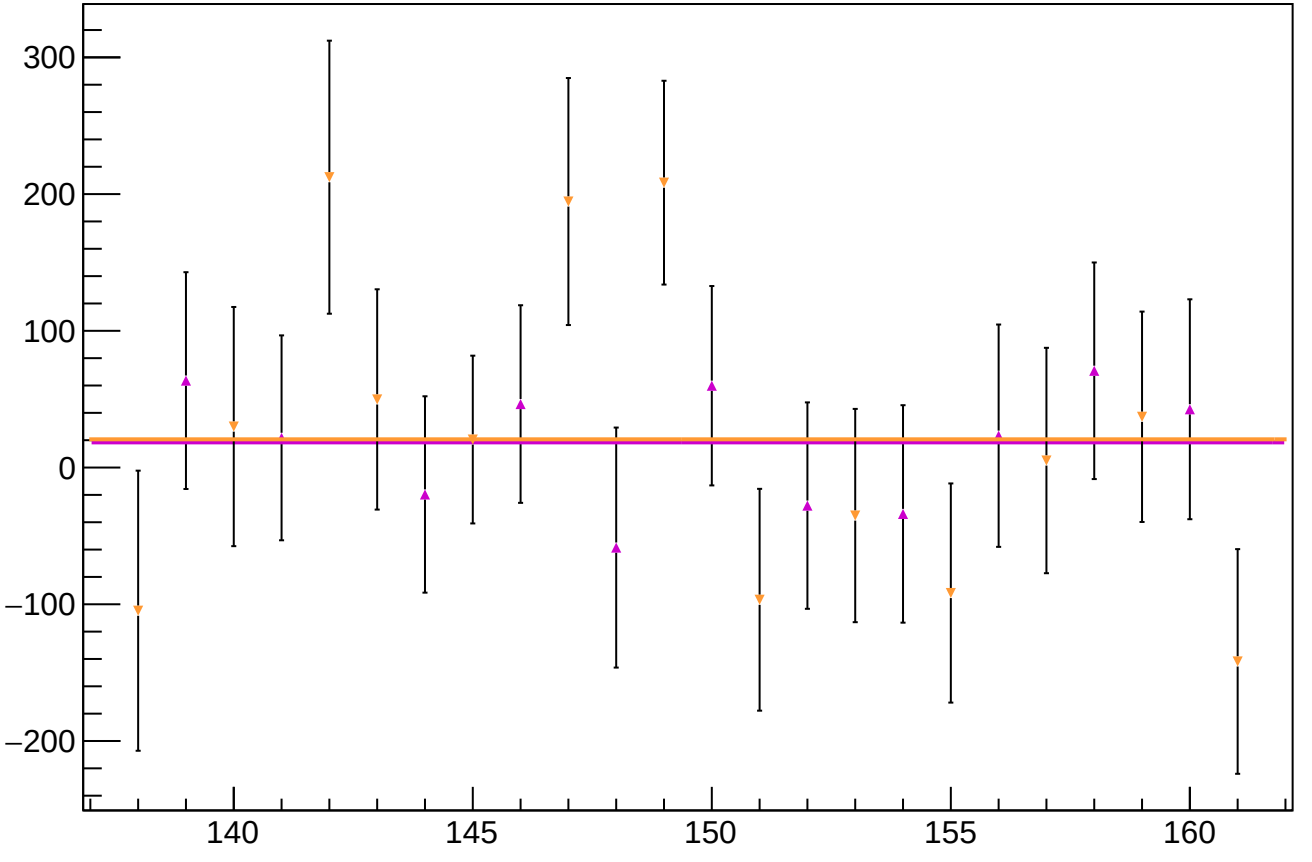
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 478.923+/-0.115 χ^2/NDF:547503.1/10

Out: 485.290+/-0.112 χ^2/NDF:630588.0/12

All: 482.181+/-0.080 χ^2/NDF: 1179670.5/23

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: 20.644+/-22.445 χ^2/NDF:23.9/12

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

Left In: 18.414+/-23.317 χ^2/NDF:3.2/10

Left: 19.572+/-16.171 χ^2/NDF: 27.1/23

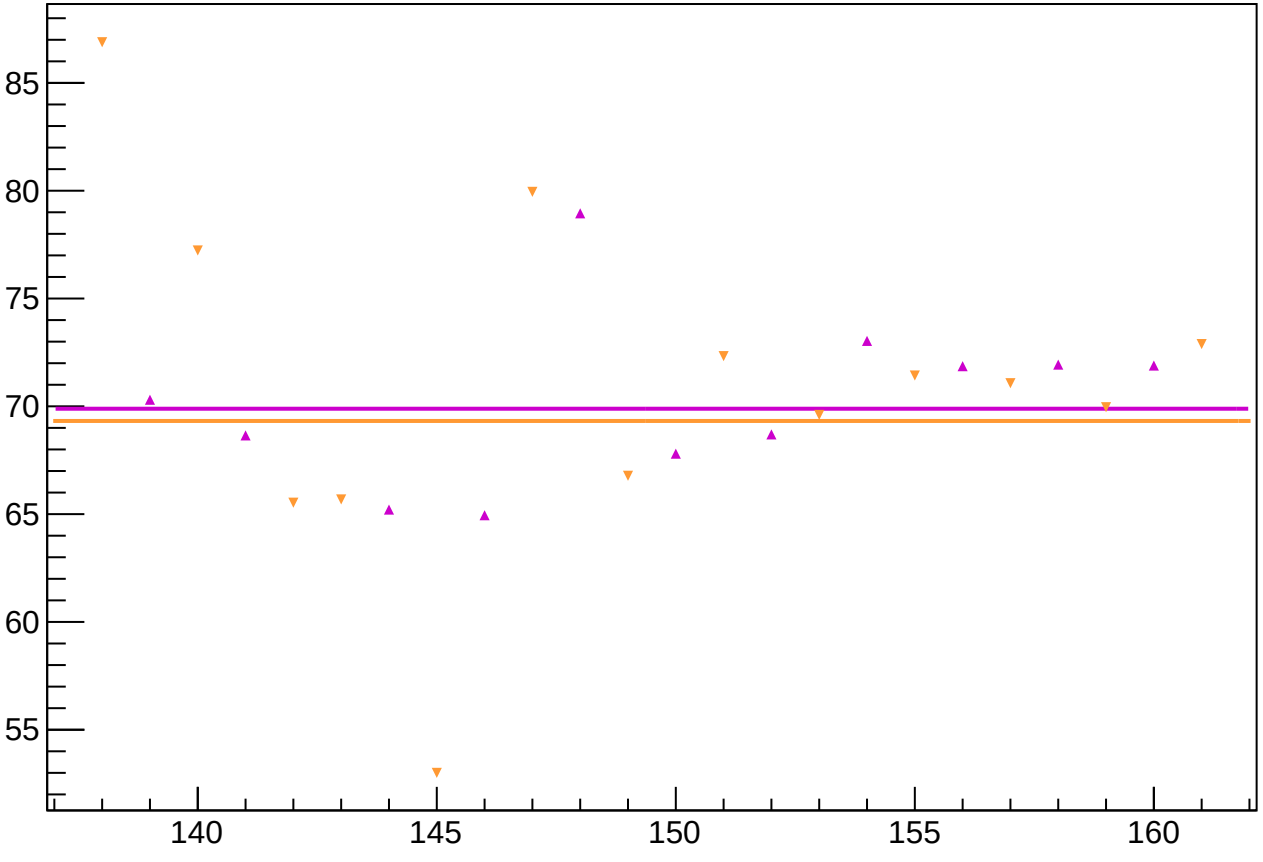
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.414+/-23.317 χ^2/NDF:3.2/10

Out: 20.644+/-22.445 χ^2/NDF:23.9/12

All: 19.572+/-16.171 χ^2/NDF: 27.1/23

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: 69.321+/-0.016 χ^2/NDF:262624.4/12

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

Left In: 69.889+/-0.016 χ^2/NDF:48767.4/10

Left: 69.594+/-0.011 χ^2/NDF: 312006.7/23

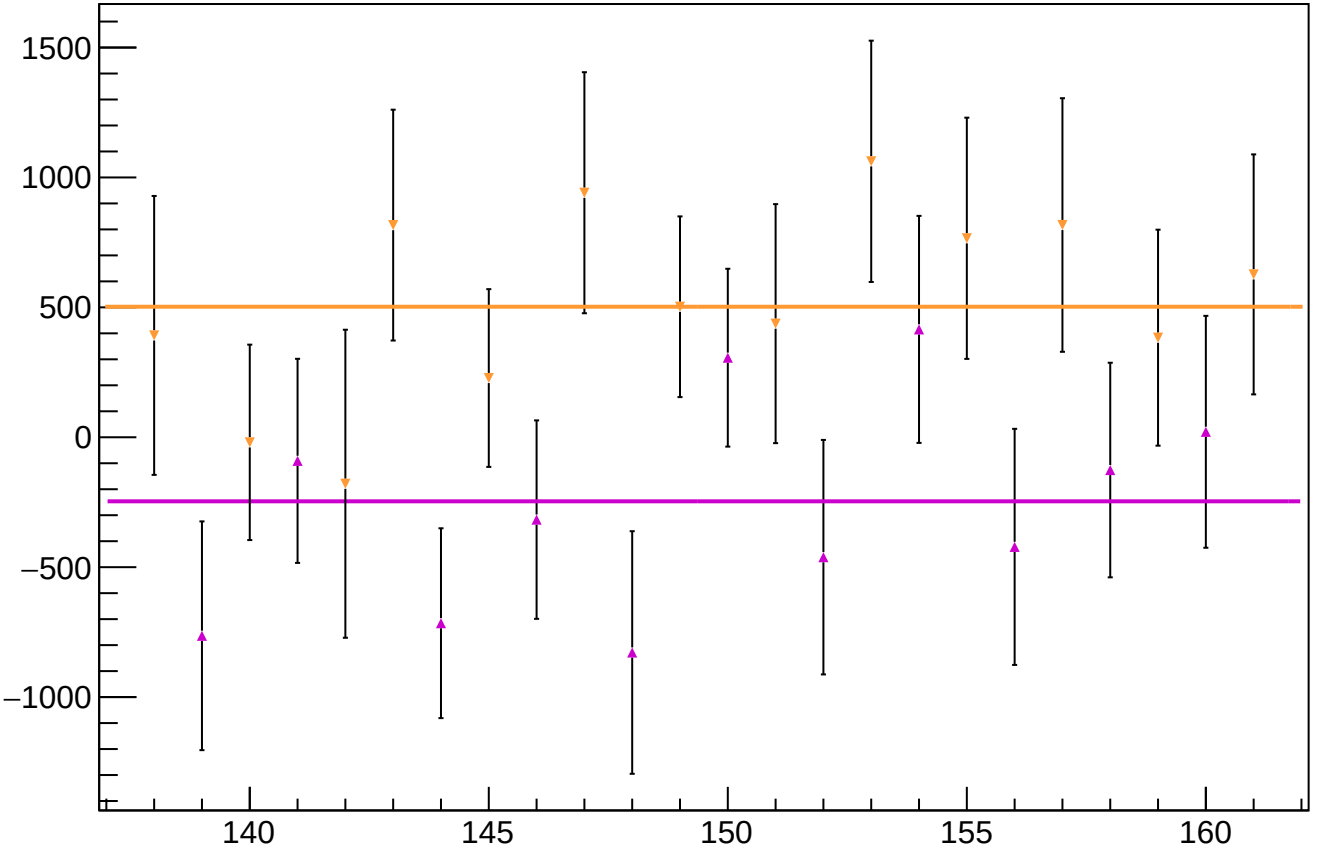
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 69.889+/-0.016 χ^2/NDF:48767.4/10

Out: 69.321+/-0.016 χ^2/NDF:262624.4/12

All: 69.594+/-0.011 χ^2/NDF: 312006.7/23

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: 502.380+/-120.739 χ^2/NDF:7.7/12

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

Left In: -246.482+/-124.042 χ^2/NDF:10.5/10

Left: 138.050+/-86.520 χ^2/NDF: 36.9/23

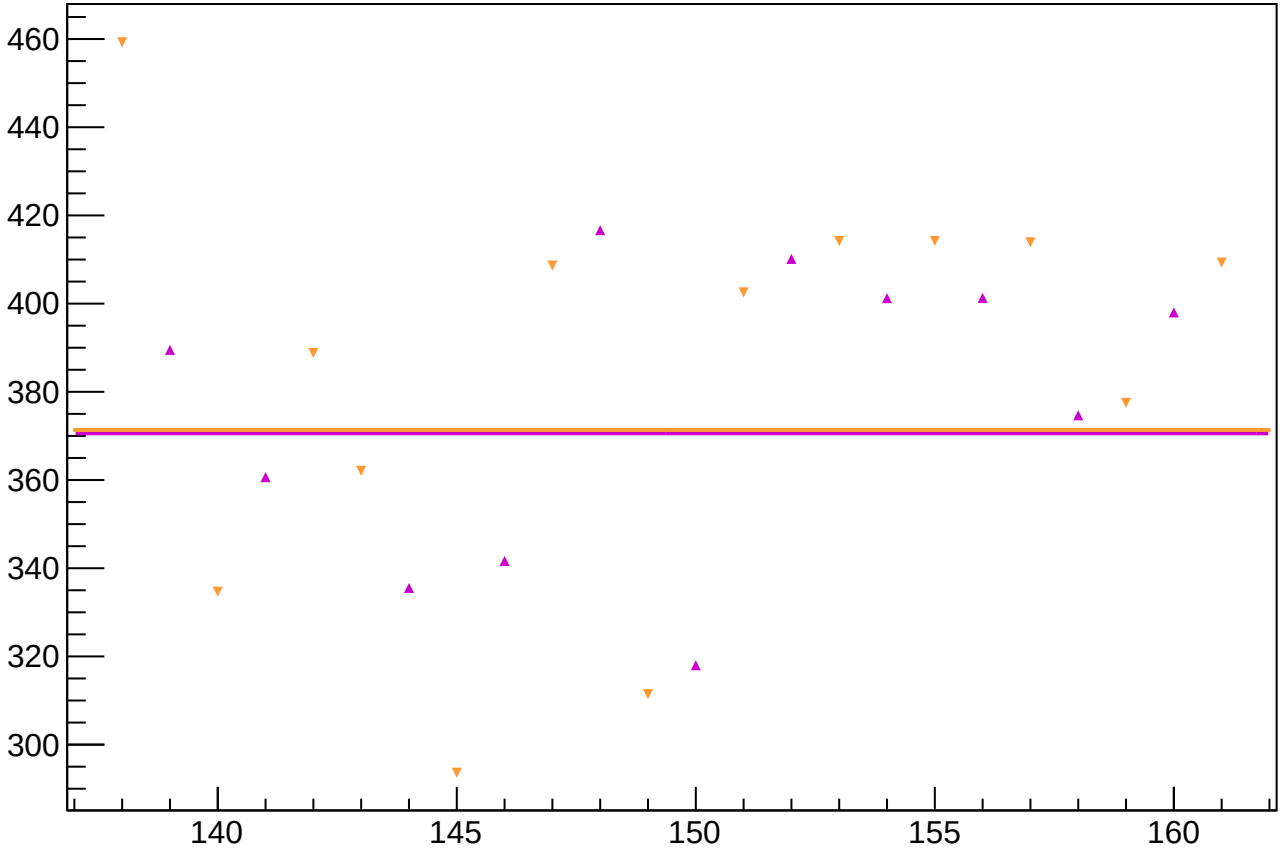
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -246.482+/-124.042 χ^2/NDF:10.5/10

Out: 502.380+/-120.739 χ^2/NDF:7.7/12

All: 138.050+/-86.520 χ^2/NDF: 36.9/23

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: 371.342+/-0.085 χ^2/NDF:323172.8/12

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

Left In: 370.590+/-0.088 χ^2/NDF:143698.1/10

Left: 370.976+/-0.061 χ^2/NDF: 466908.8/23

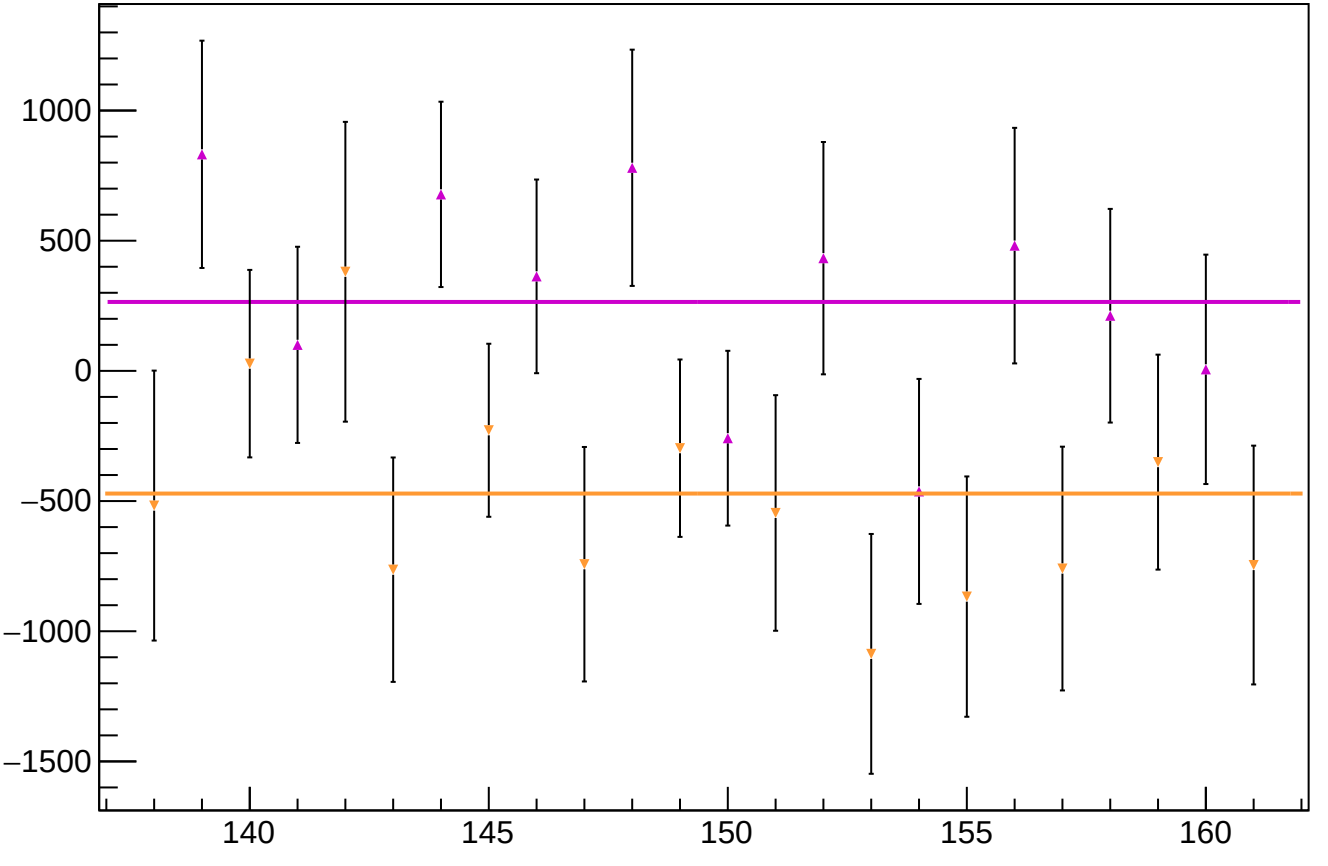
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 370.590+/-0.088 χ^2/NDF:143698.1/10

Out: 371.342+/-0.085 χ^2/NDF:323172.8/12

All: 370.976+/-0.061 χ^2/NDF: 466908.8/23

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -471.167+/-117.921 χ^2/NDF:9.1/12

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

Left In: 264.786+/-121.712 χ^2/NDF:10.6/10

Left: -114.832+/-84.691 χ^2/NDF: 38.6/23

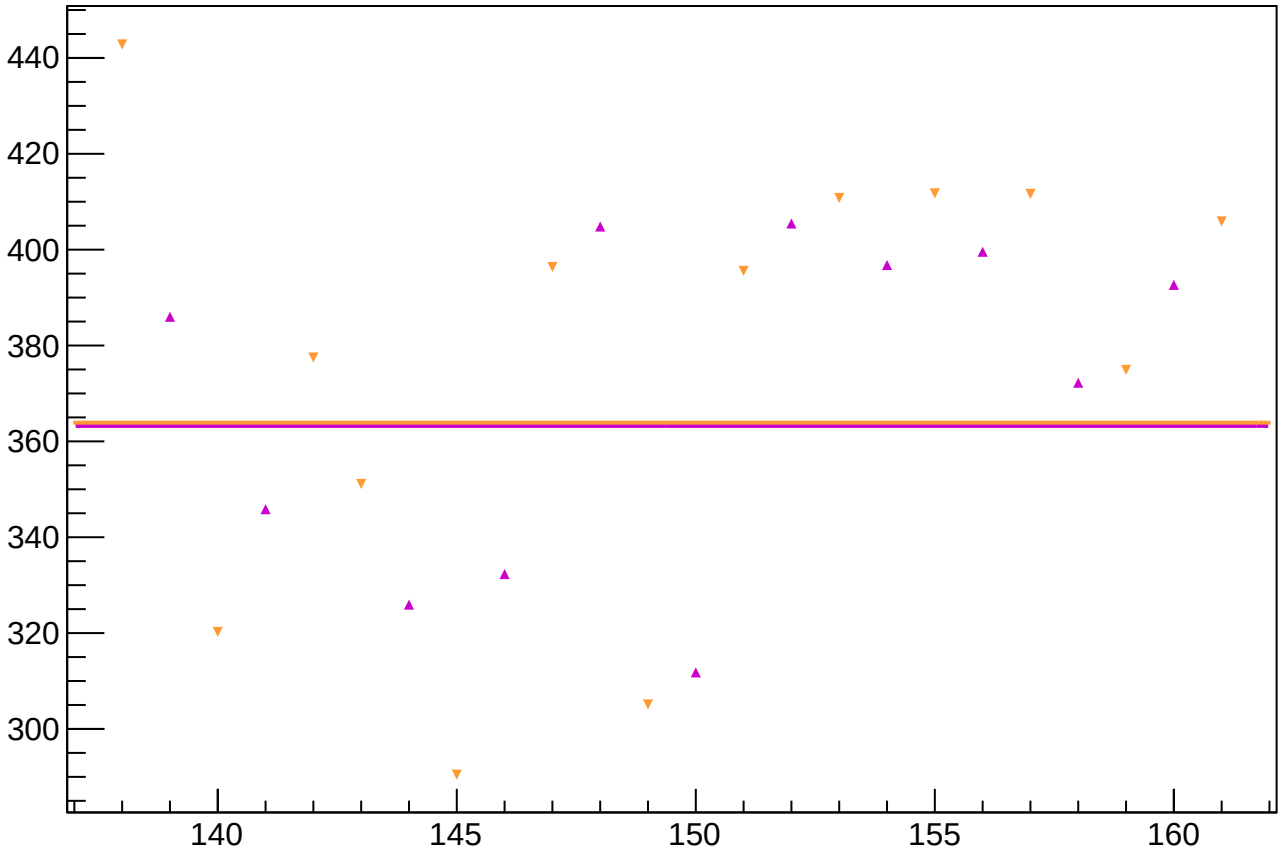
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 264.786+/-121.712 χ^2/NDF:10.6/10

Out: -471.167+/-117.921 χ^2/NDF:9.1/12

All: -114.832+/-84.691 χ^2/NDF: 38.6/23

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 363.907+/-0.083 χ^2/NDF:337287.7/12

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

Left In: 363.224+/-0.086 χ^2/NDF:162003.7/10

Left: 363.576+/-0.060 χ^2/NDF: 499323.8/23

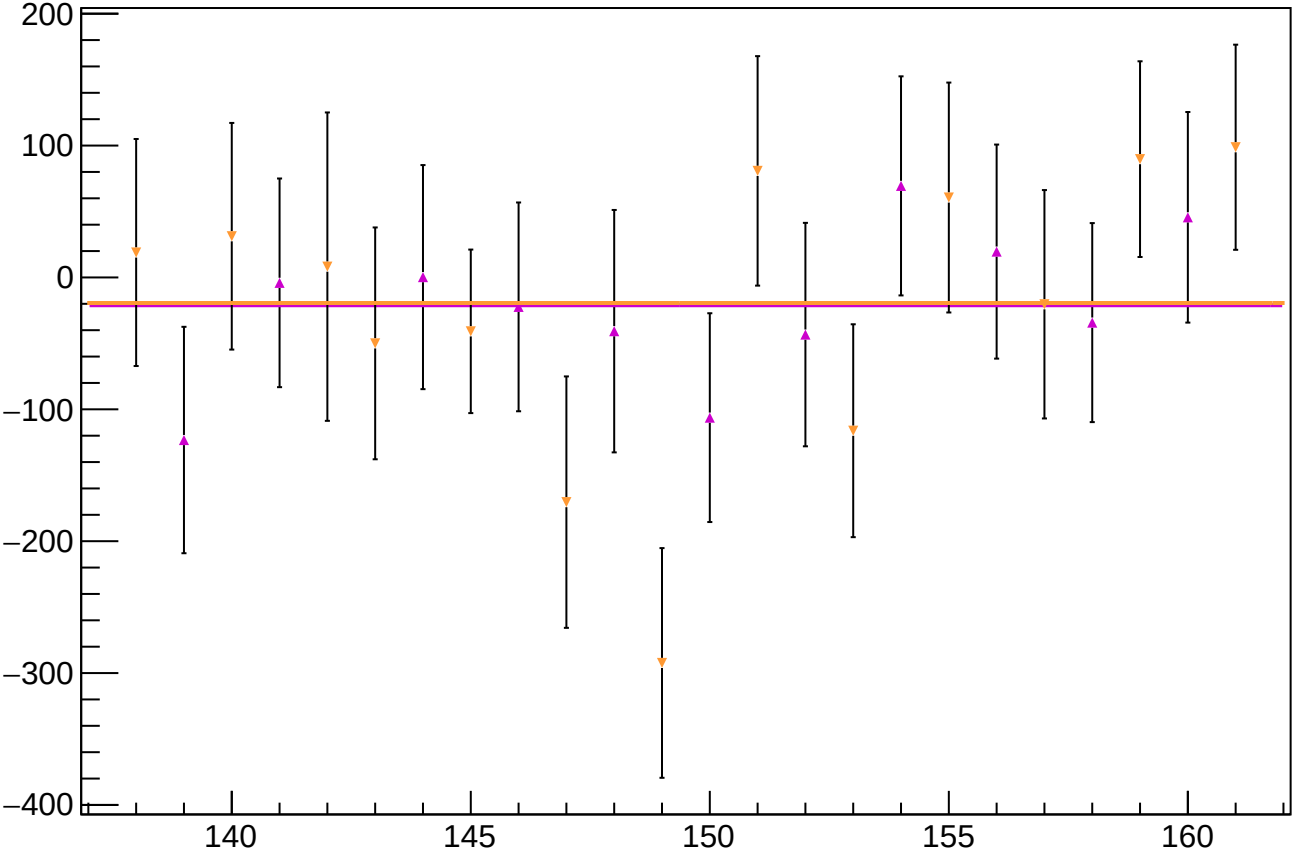
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 363.224+/-0.086 χ^2/NDF:162003.7/10

Out: 363.907+/-0.083 χ^2/NDF:337287.7/12

All: 363.576+/-0.060 χ^2/NDF: 499323.8/23

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: -19.385+/-23.110 χ^2/NDF:21.2/12

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

Left In: -21.070+/-24.692 χ^2/NDF:5.0/10

Left: -20.172+/-16.873 χ^2/NDF: 26.2/23

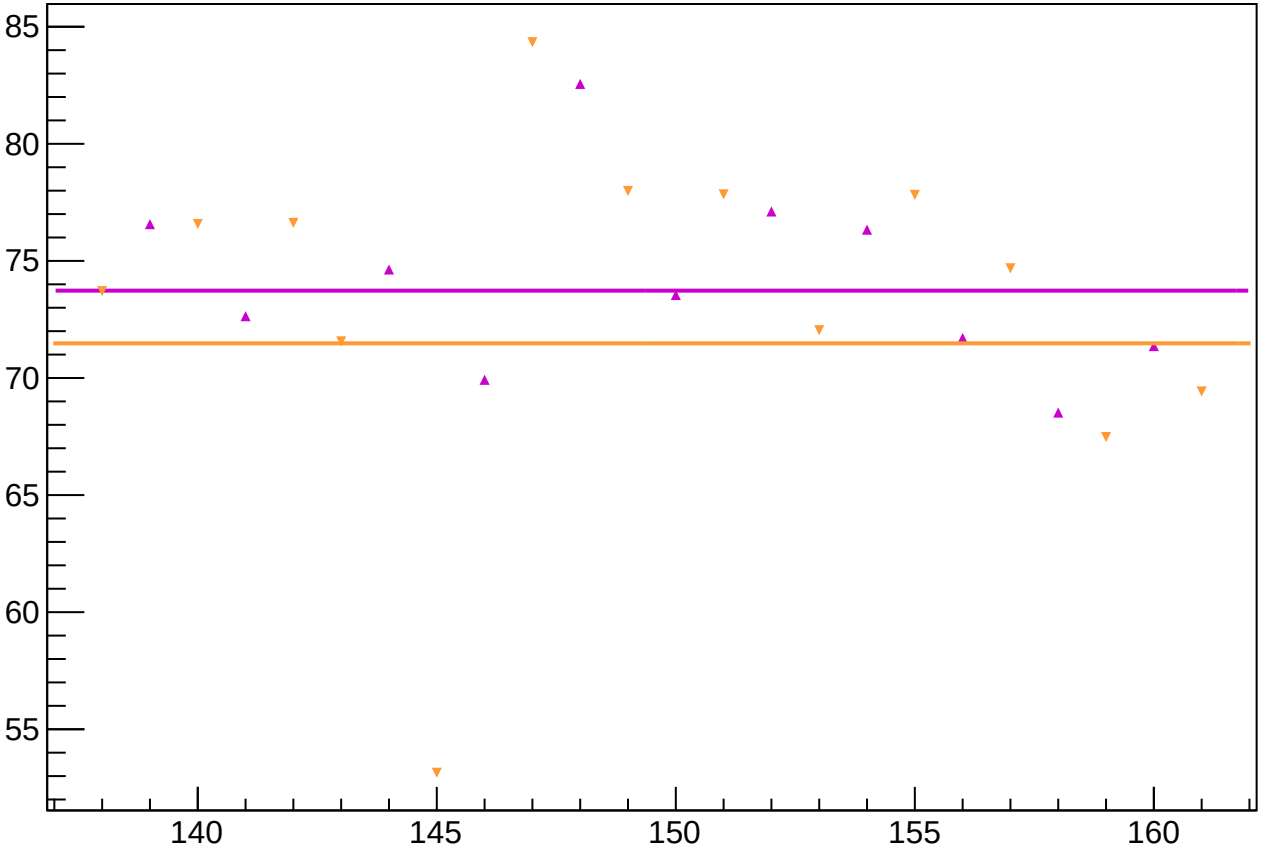
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.070+/-24.692 χ^2/NDF:5.0/10

Out: -19.385+/-23.110 χ^2/NDF:21.2/12

All: -20.172+/-16.873 χ^2/NDF: 26.2/23

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 71.481+/-0.016 χ^2/NDF:266077.7/12

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

Left In: 73.731+/-0.017 χ^2/NDF:43556.3/10

Left: 72.531+/-0.012 χ^2/NDF: 318487.9/23

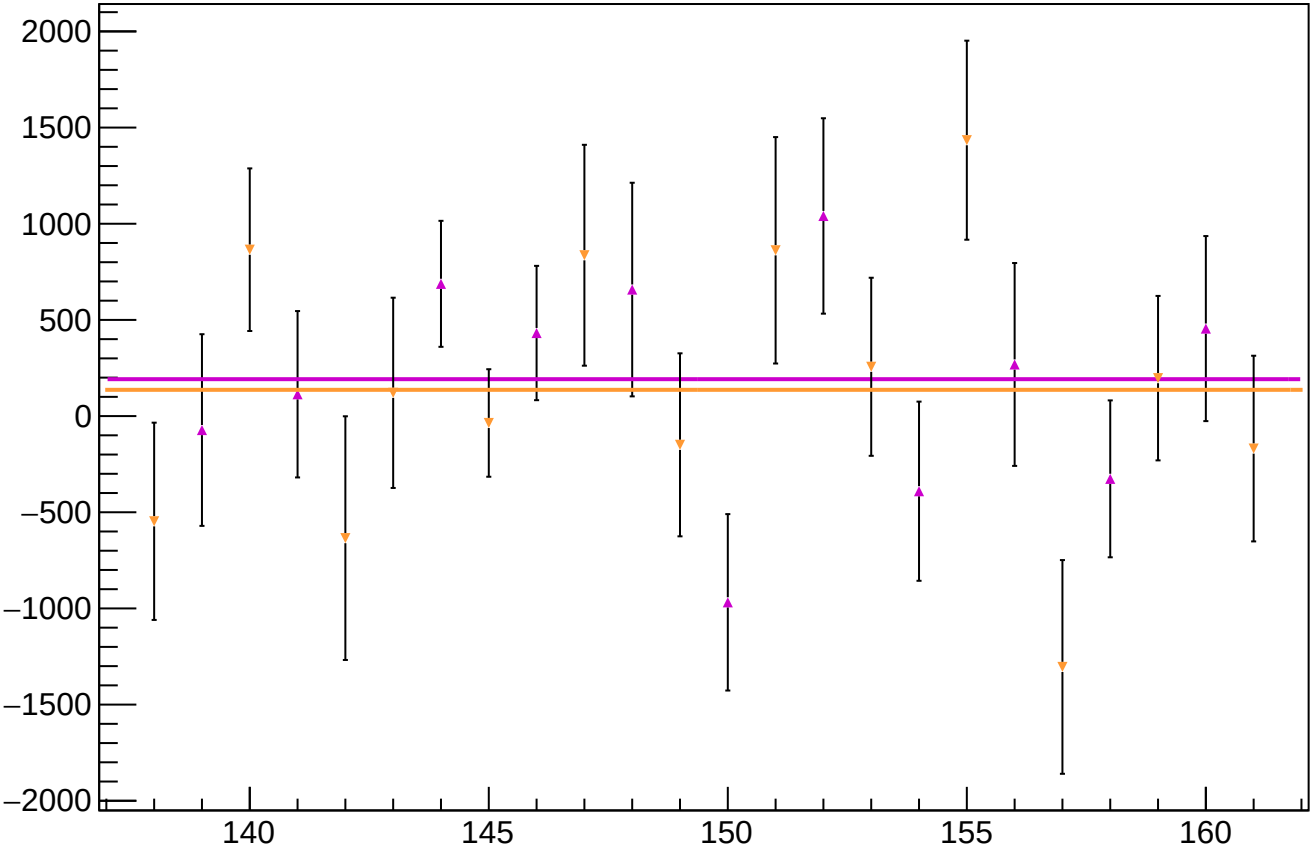
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 73.731+/-0.017 χ^2/NDF:43556.3/10

Out: 71.481+/-0.016 χ^2/NDF:266077.7/12

All: 72.531+/-0.012 χ^2/NDF: 318487.9/23

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: 136.517+/-128.544 χ^2/NDF:23.5/12

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

Left In: 191.908+/-132.097 χ^2/NDF:16.5/10

Left: 163.457+/-92.125 χ^2/NDF: 40.0/23

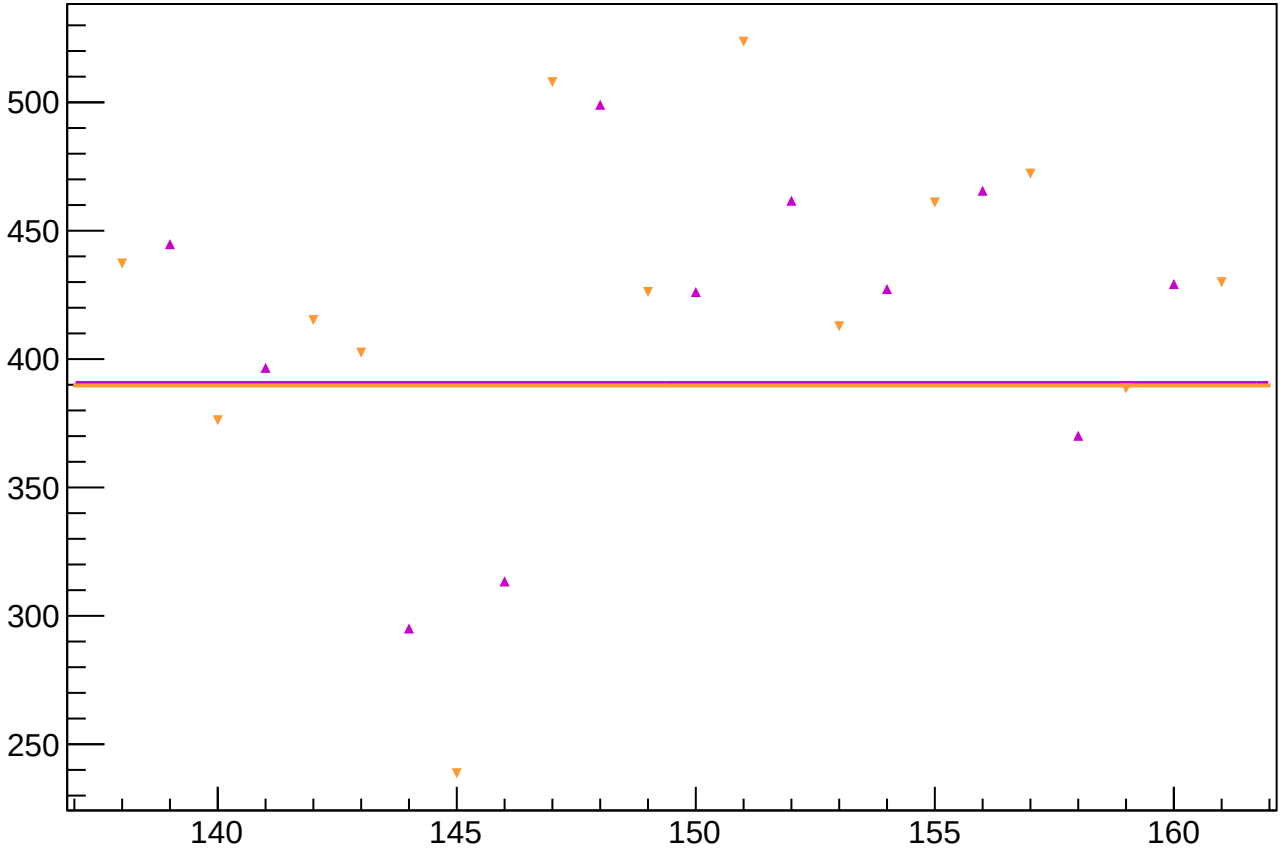
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 191.908+/-132.097 χ^2/NDF:16.5/10

Out: 136.517+/-128.544 χ^2/NDF:23.5/12

All: 163.457+/-92.125 χ^2/NDF: 40.0/23

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: 389.731+/-0.091 χ^2/NDF:908431.4/12

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

Left In: 390.705+/-0.093 χ^2/NDF:490118.2/10

Left: 390.205+/-0.065 χ^2/NDF: 1398605.5/23

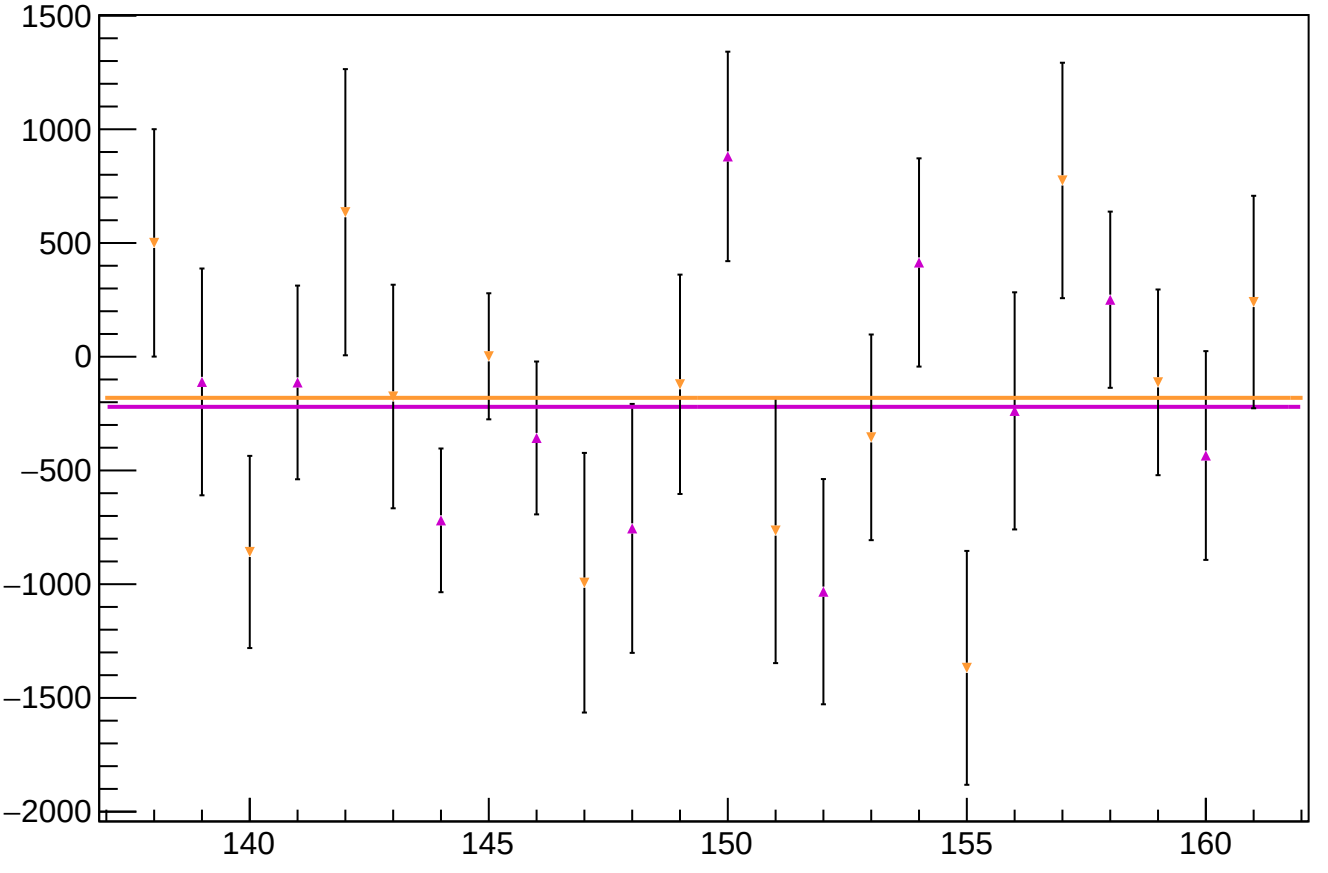
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 390.705+/-0.093 χ^2/NDF:490118.2/10

Out: 389.731+/-0.091 χ^2/NDF:908431.4/12

All: 390.205+/-0.065 χ^2/NDF: 1398605.5/23

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -180.688+/-126.382 χ^2/NDF:19.3/12

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

Left In: -220.295+/-128.650 χ^2/NDF:15.8/10

Left: -200.140+/-90.157 χ^2/NDF: 35.1/23

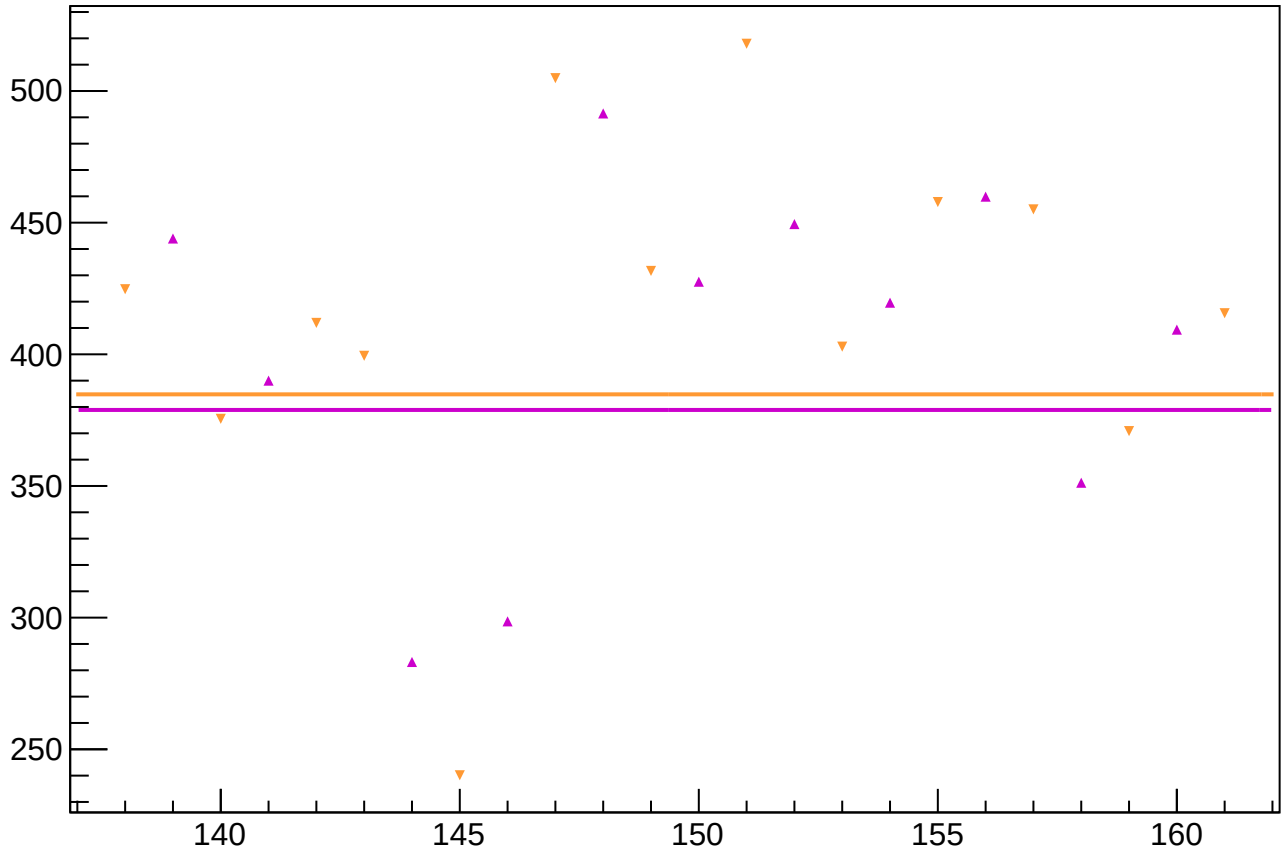
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -220.295+/-128.650 χ^2/NDF:15.8/10

Out: -180.688+/-126.382 χ^2/NDF:19.3/12

All: -200.140+/-90.157 χ^2/NDF: 35.1/23

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 384.800+/-0.089 χ^2/NDF:867595.4/12

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

Left In: 378.874+/-0.091 χ^2/NDF:564133.2/10

Left: 381.889+/-0.064 χ^2/NDF: 1433888.0/23

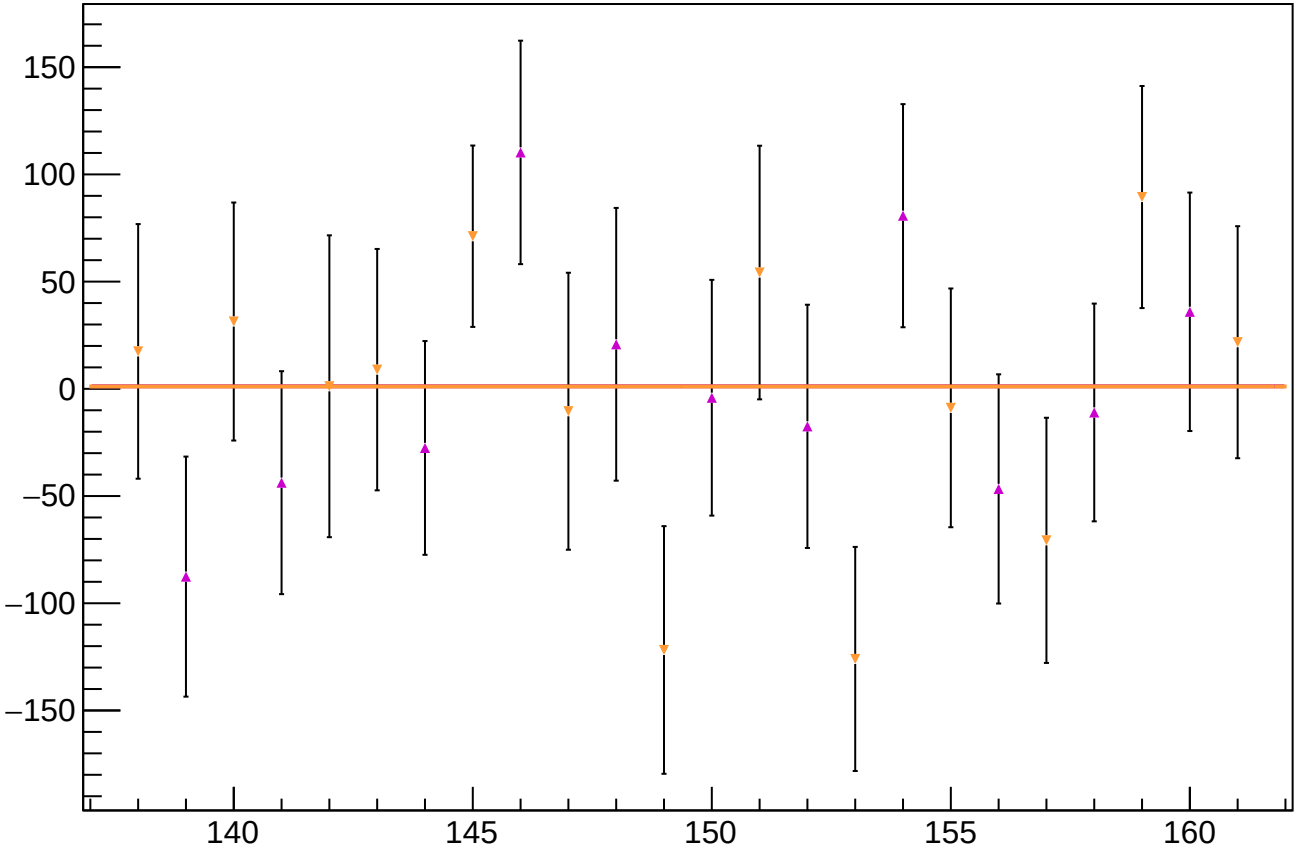
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 378.874+/-0.091 χ^2/NDF:564133.2/10

Out: 384.800+/-0.089 χ^2/NDF:867595.4/12

All: 381.889+/-0.064 χ^2/NDF: 1433888.0/23

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: 1.098+/-15.395 χ^2/NDF:19.1/12

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

Left In: 1.196+/-16.266 χ^2/NDF:11.8/10

Left: 1.144+/-11.181 χ^2/NDF: 30.9/23

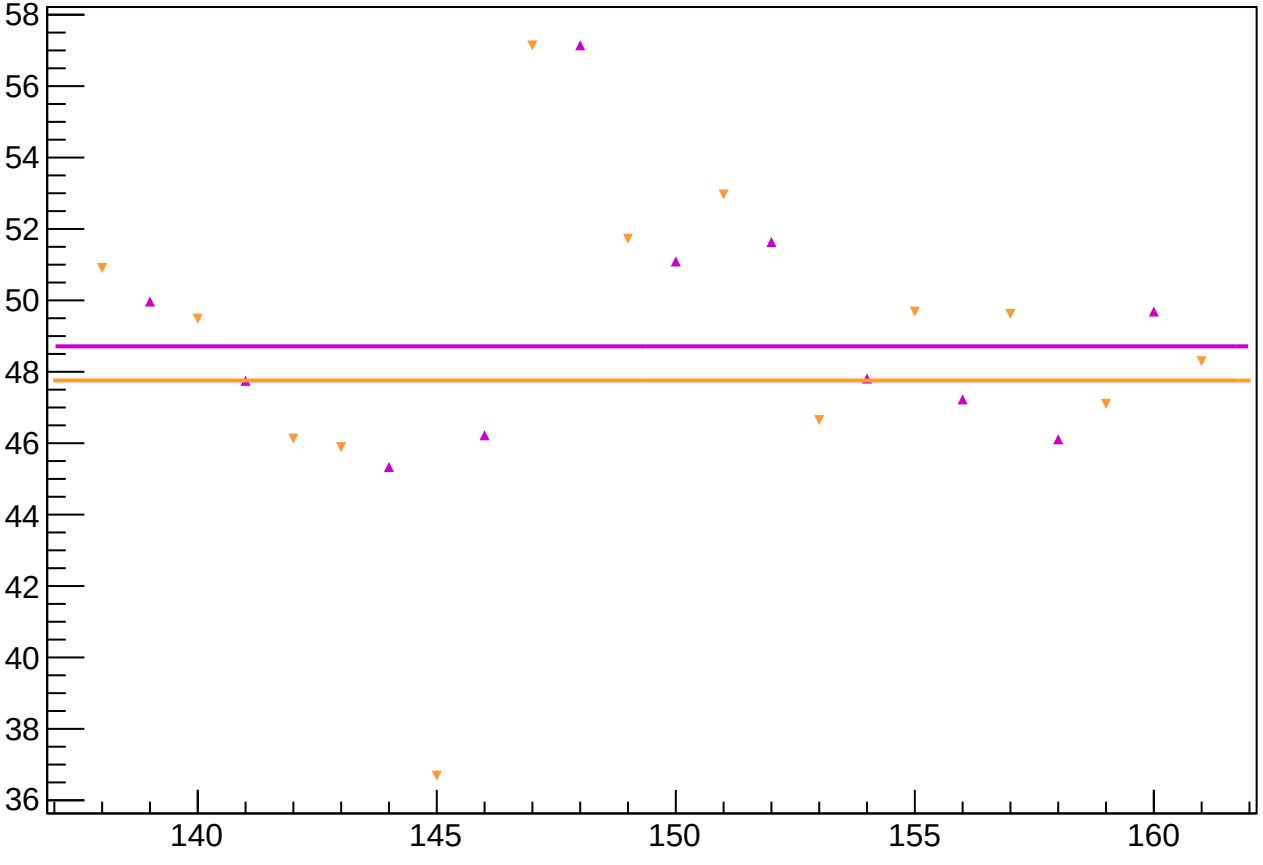
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.196+/-16.266 χ^2/NDF:11.8/10

Out: 1.098+/-15.395 χ^2/NDF:19.1/12

All: 1.144+/-11.181 χ^2/NDF: 30.9/23

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 47.756+/-0.011 χ^2/NDF:220924.0/12

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

Left In: 48.713+/-0.012 χ^2/NDF:67660.6/10

Left: 48.209+/-0.008 χ^2/NDF: 292236.3/23

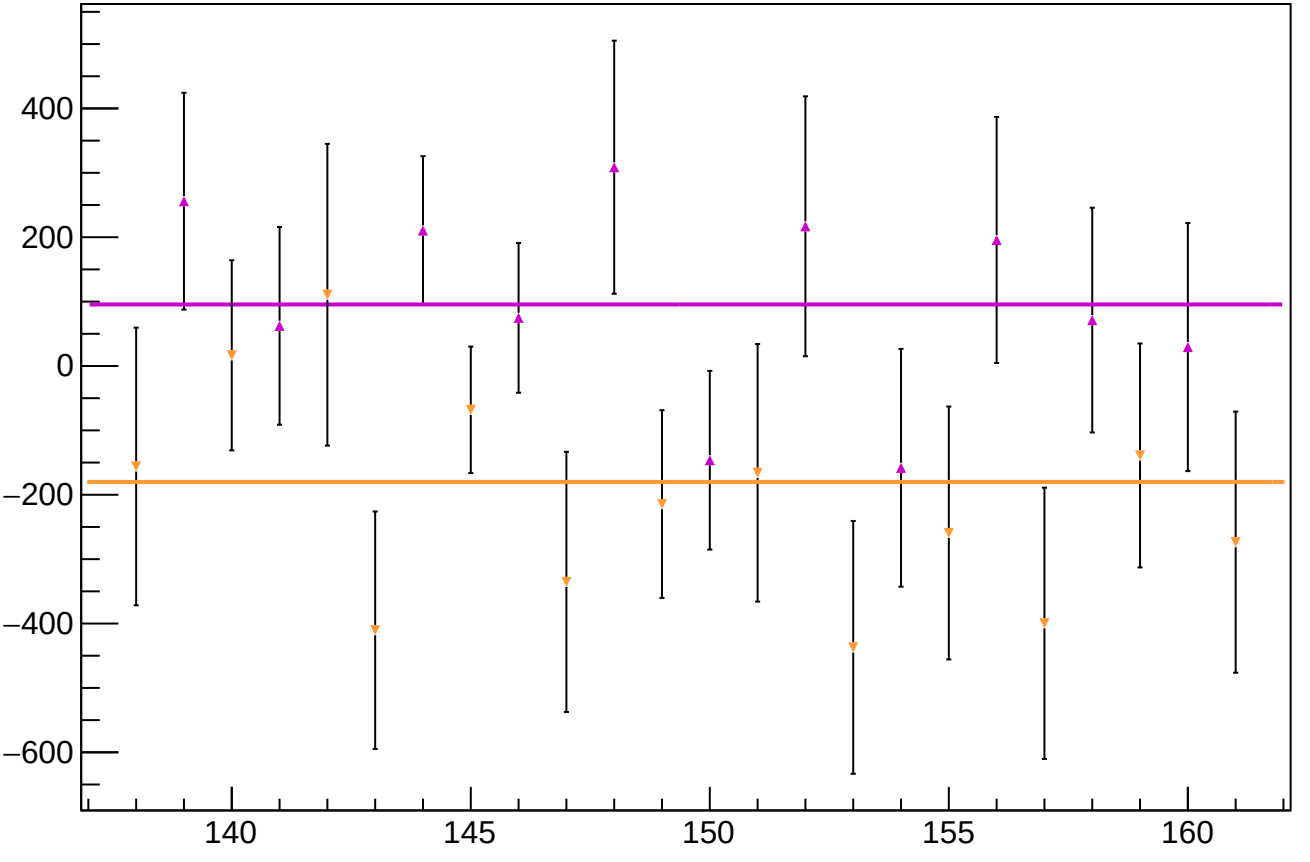
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 48.713+/-0.012 χ^2/NDF:67660.6/10

Out: 47.756+/-0.011 χ^2/NDF:220924.0/12

All: 48.209+/-0.008 χ^2/NDF: 292236.3/23

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: -180.042+/-47.304 χ^2/NDF:10.1/12

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

Left In: 95.550+/-47.380 χ^2/NDF:8.9/10

Left: -42.467+/-33.476 χ^2/NDF: 35.9/23

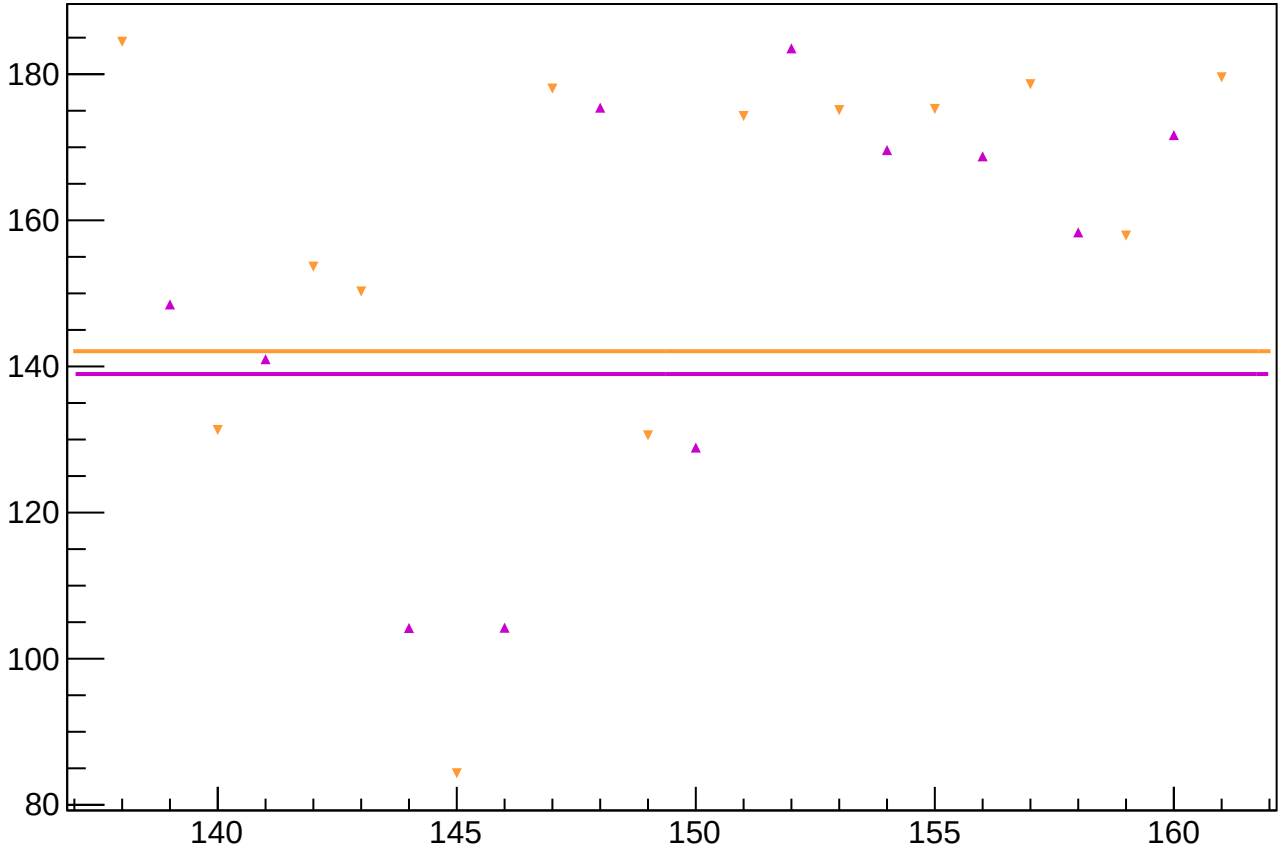
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 95.550+/-47.380 χ^2/NDF:8.9/10

Out: -180.042+/-47.304 χ^2/NDF:10.1/12

All: -42.467+/-33.476 χ^2/NDF: 35.9/23

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: 142.085+/-0.033 χ^2/NDF:1173962.5/12

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

Left In: 138.963+/-0.034 χ^2/NDF:729158.9/10

Left: 140.526+/-0.024 χ^2/NDF: 1907469.9/23

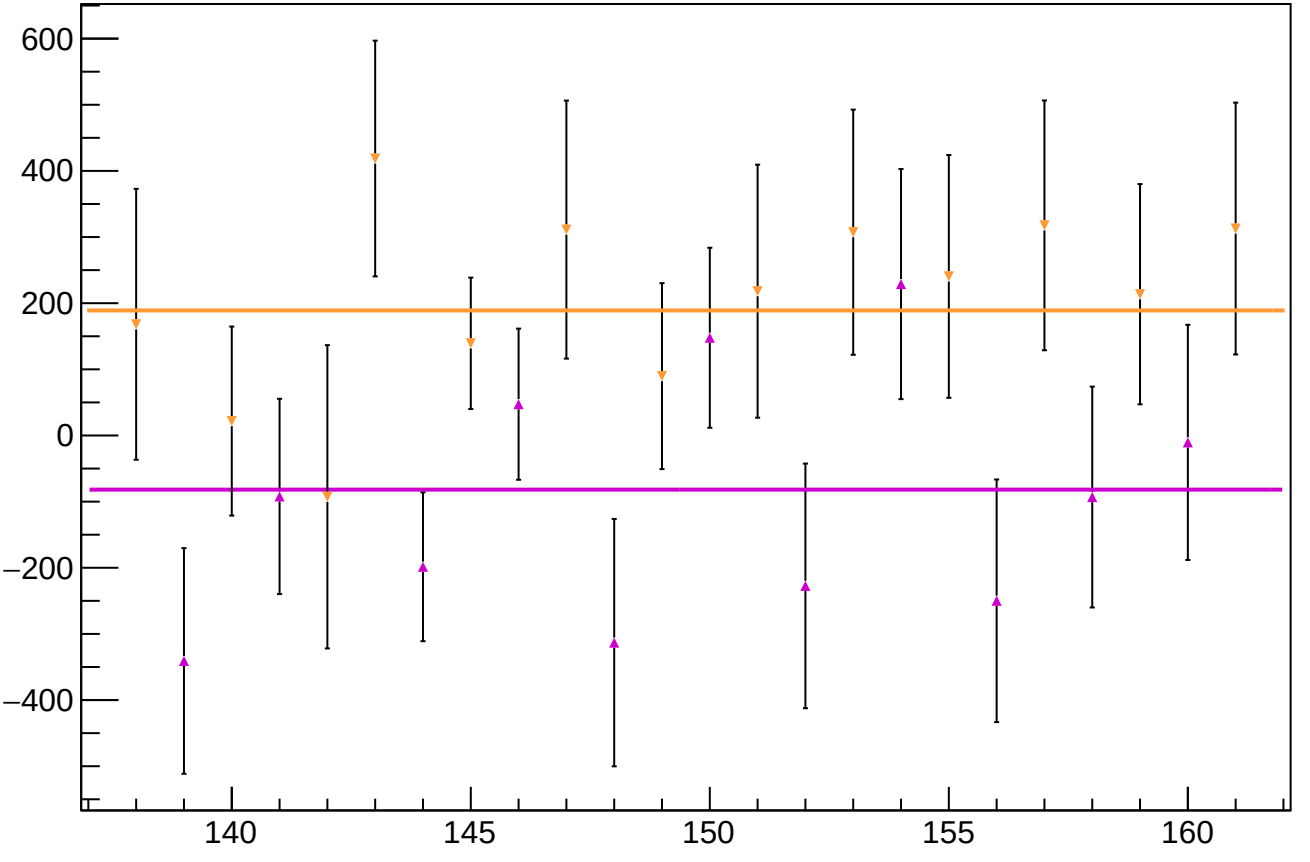
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 138.963+/-0.034 χ^2/NDF:729158.9/10

Out: 142.085+/-0.033 χ^2/NDF:1173962.5/12

All: 140.526+/-0.024 χ^2/NDF: 1907469.9/23

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 189.057+/-45.669 χ^2/NDF:7.1/12

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

Left In: -81.872+/-45.740 χ^2/NDF:13.9/10

Left: 53.804+/-32.318 χ^2/NDF: 38.5/23

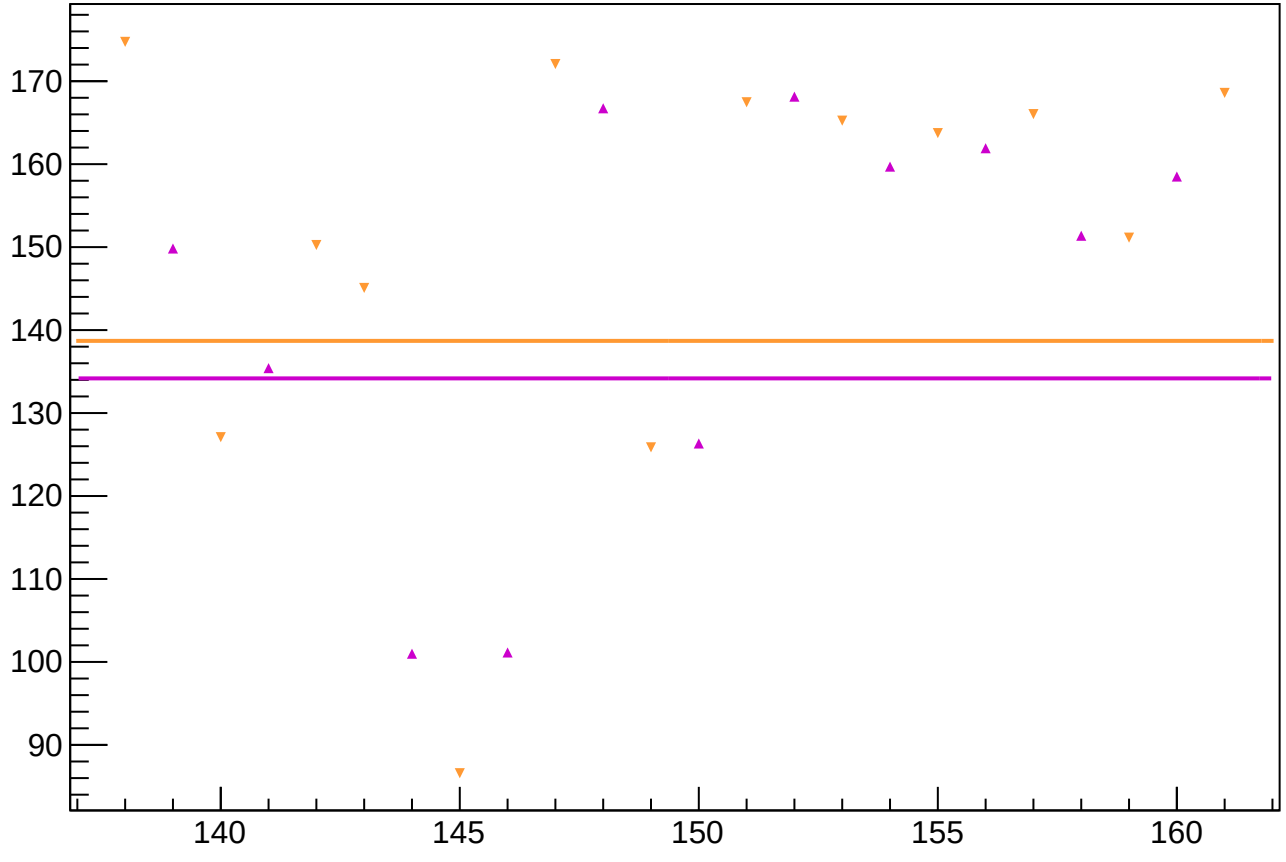
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -81.872+/-45.740 χ^2/NDF:13.9/10

Out: 189.057+/-45.669 χ^2/NDF:7.1/12

All: 53.804+/-32.318 χ^2/NDF: 38.5/23

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 138.699+/-0.032 χ^2/NDF:934388.3/12

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

Left In: 134.177+/-0.032 χ^2/NDF:640299.1/10

Left: 136.442+/-0.023 χ^2/NDF: 1584476.2/23

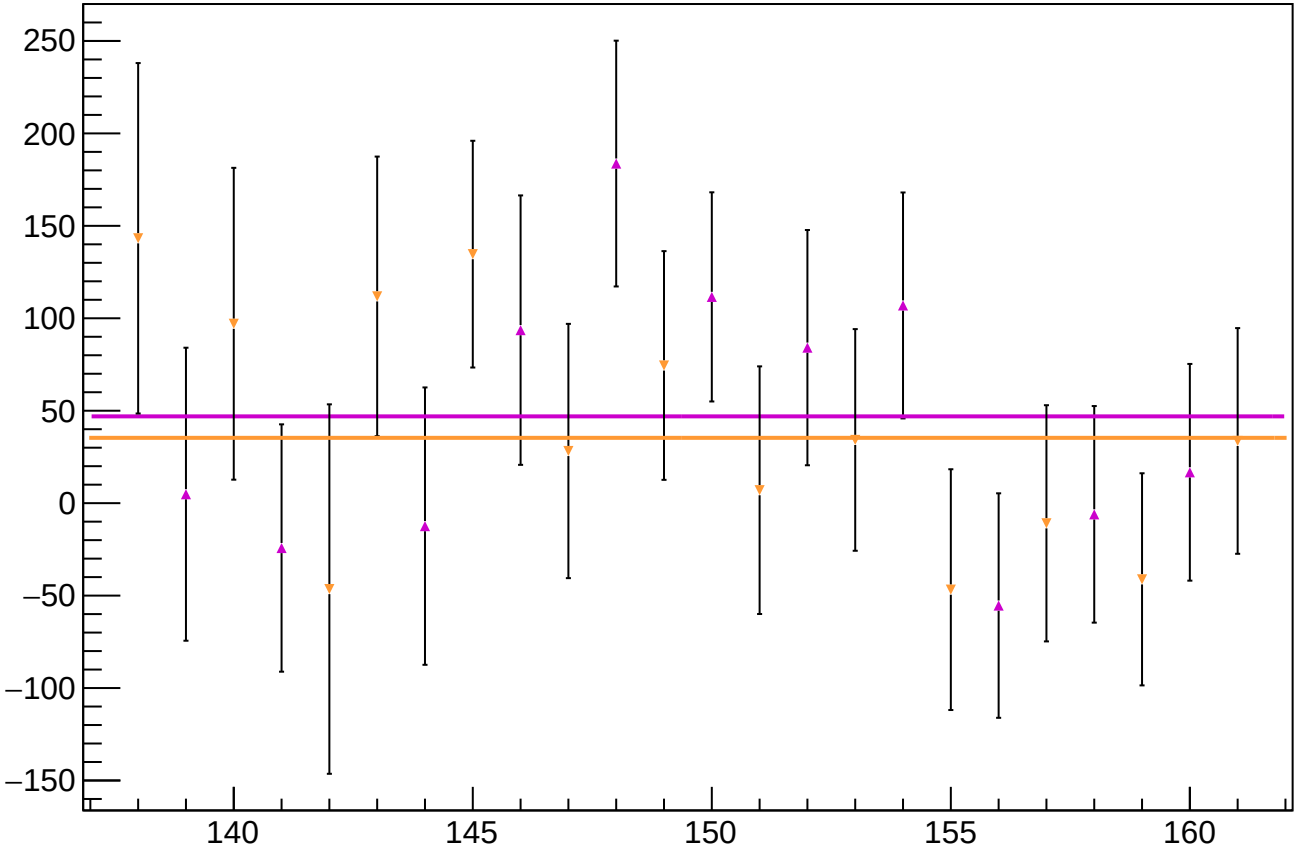
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 134.177+/-0.032 χ^2/NDF:640299.1/10

Out: 138.699+/-0.032 χ^2/NDF:934388.3/12

All: 136.442+/-0.023 χ^2/NDF: 1584476.2/23

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 35.335+/-18.830 χ^2/NDF:10.6/12

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

Left In: 46.946+/-19.403 χ^2/NDF:13.2/10

Left: 40.967+/-13.513 χ^2/NDF: 24.0/23

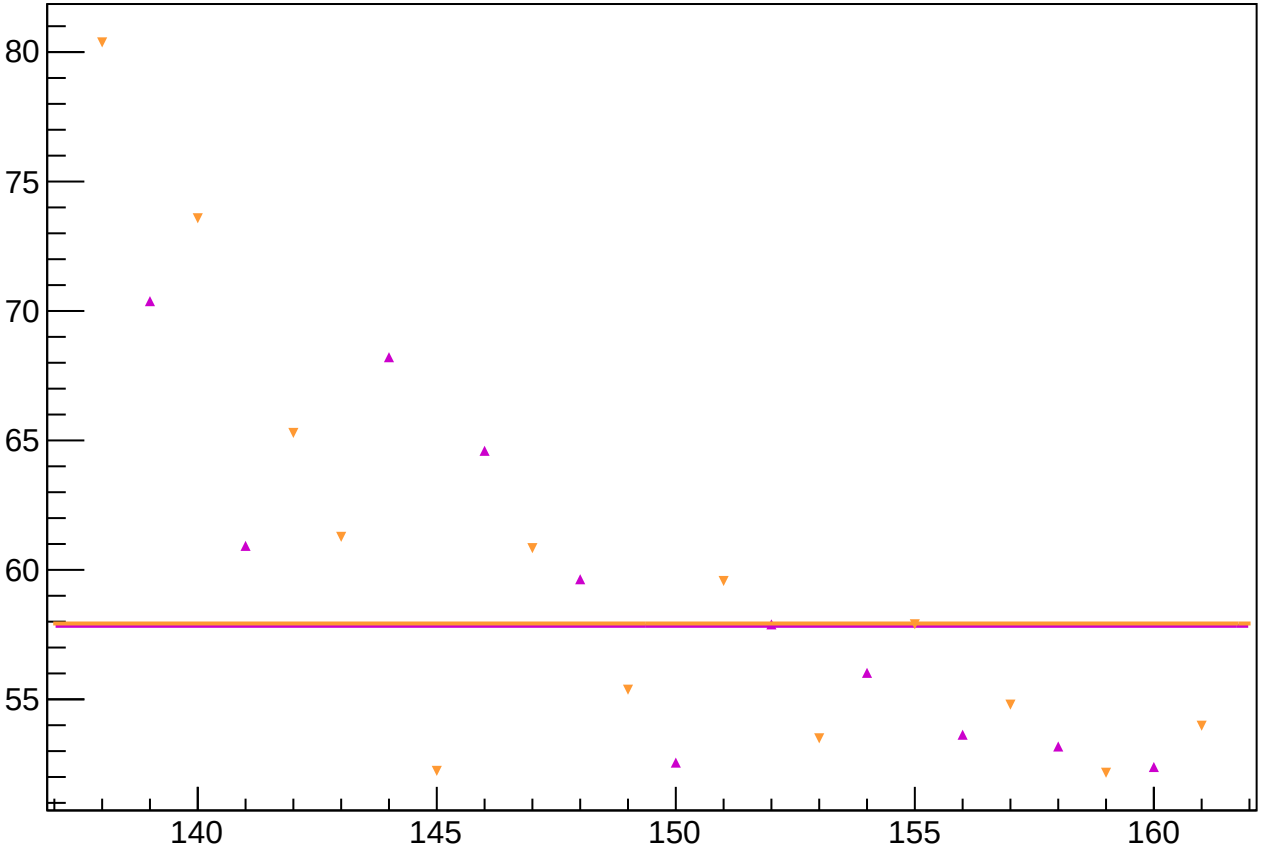
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 46.946+/-19.403 χ^2/NDF:13.2/10

Out: 35.335+/-18.830 χ^2/NDF:10.6/12

All: 40.967+/-13.513 χ^2/NDF: 24.0/23

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 57.929+/-0.013 χ^2/NDF:265626.9/12

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

Left In: 57.840+/-0.014 χ^2/NDF:170089.3/10

Left: 57.886+/-0.010 χ^2/NDF: 435738.0/23

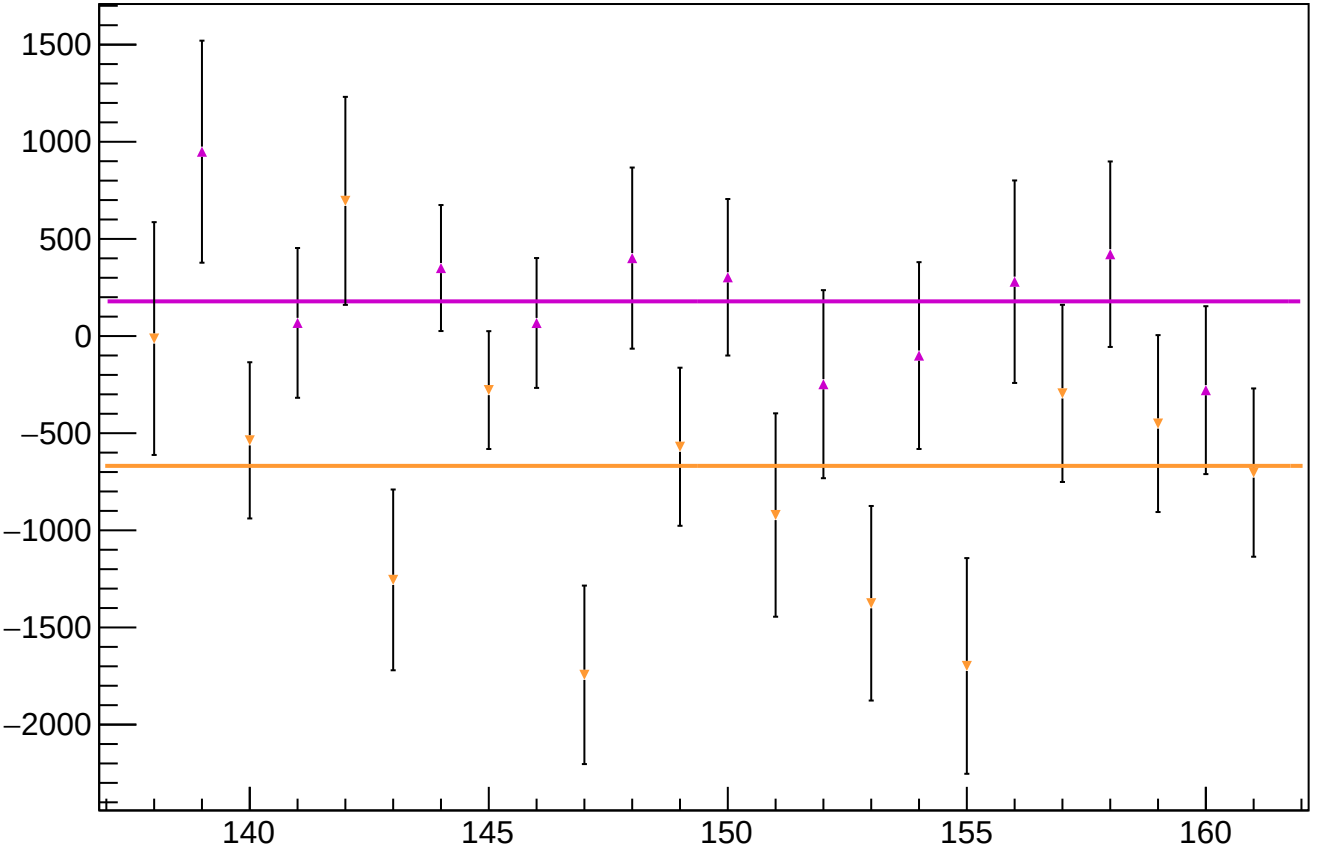
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 57.840+/-0.014 χ^2/NDF:170089.3/10

Out: 57.929+/-0.013 χ^2/NDF:265626.9/12

All: 57.886+/-0.010 χ^2/NDF: 435738.0/23

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -668.227+/-124.444 χ^2/NDF:23.2/12

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

Left In: 178.572+/-128.005 χ^2/NDF:5.1/10

Left: -256.768+/-89.228 χ^2/NDF: 50.8/23

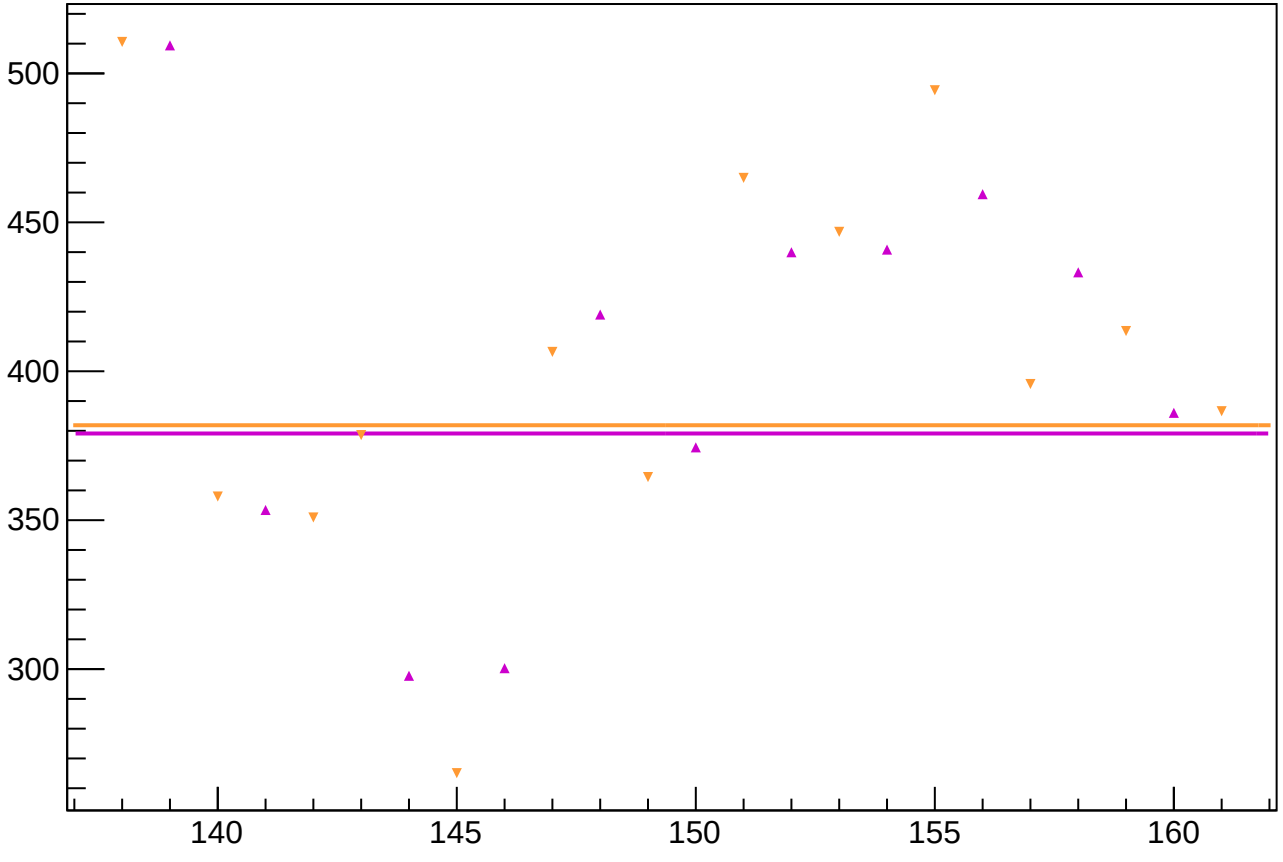
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 178.572+/-128.005 χ^2/NDF:5.1/10

Out: -668.227+/-124.444 χ^2/NDF:23.2/12

All: -256.768+/-89.228 χ^2/NDF: 50.8/23

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 381.877+/-0.088 χ^2/NDF:590005.8/12

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

Left In: 379.107+/-0.091 χ^2/NDF:503135.8/10

Left: 380.531+/-0.063 χ^2/NDF: 1093623.2/23

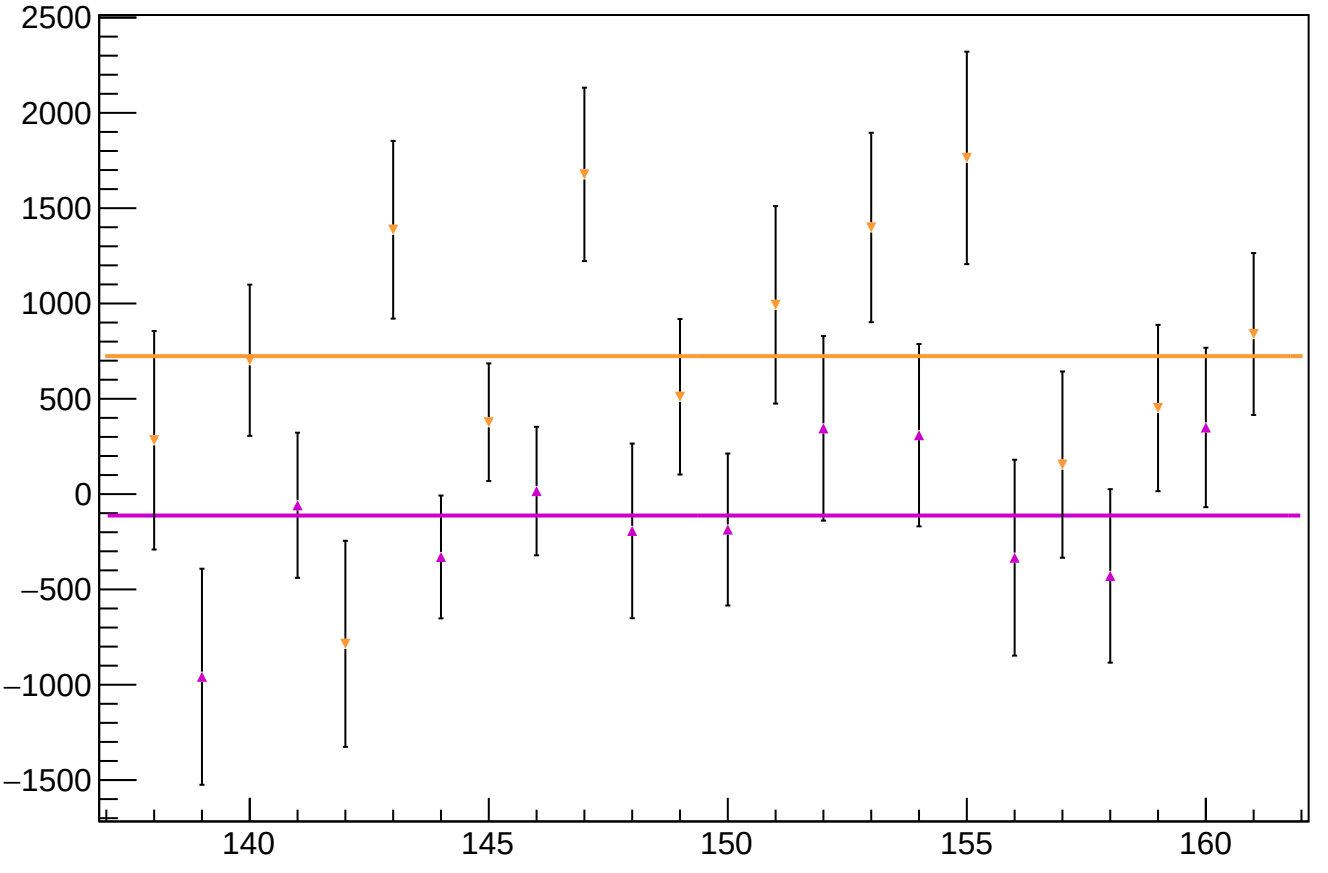
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 379.107+/-0.091 χ^2/NDF:503135.8/10

Out: 381.877+/-0.088 χ^2/NDF:590005.8/12

All: 380.531+/-0.063 χ^2/NDF: 1093623.2/23

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 723.869+/-124.255 χ^2/NDF:23.8/12

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

Left In: -112.391+/-126.502 χ^2/NDF:6.5/10

Left: 313.231+/-88.645 χ^2/NDF: 52.5/23

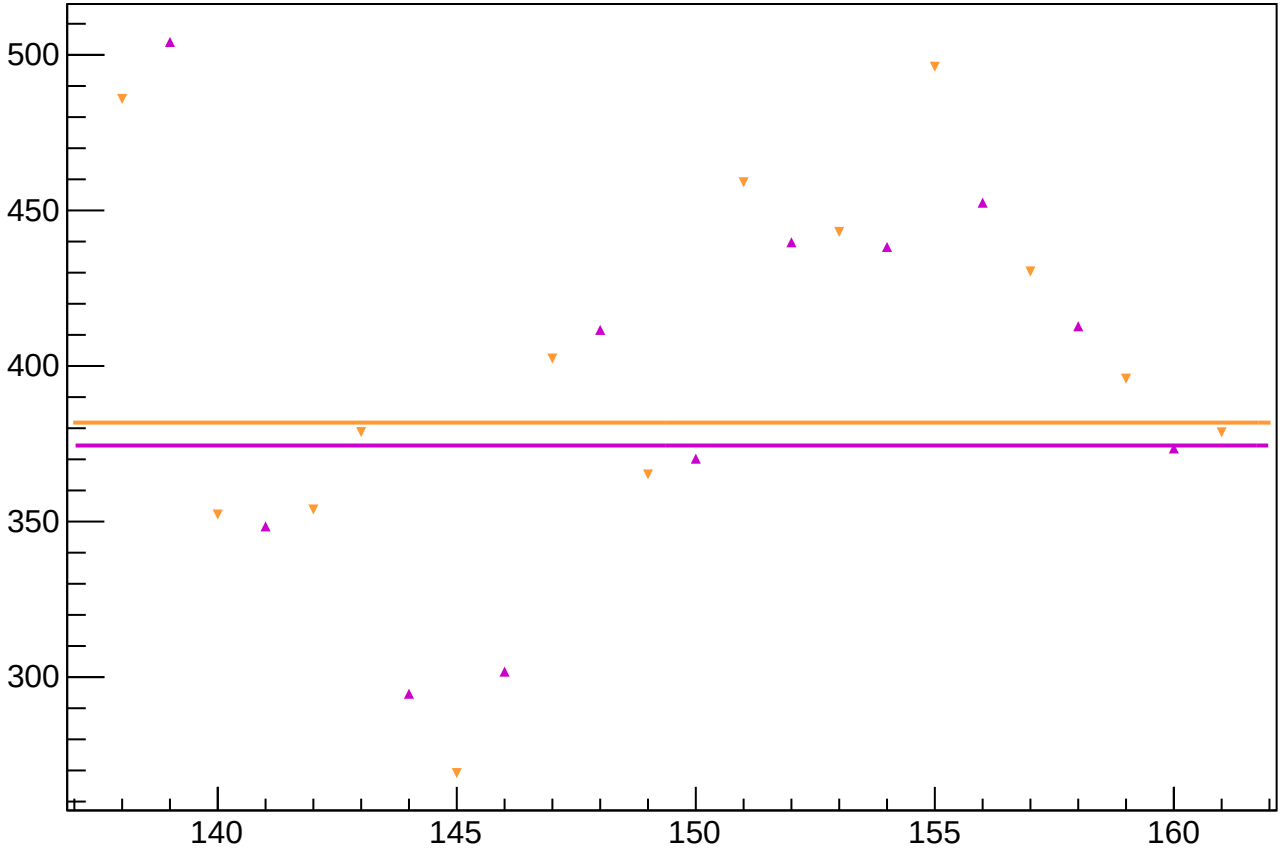
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -112.391+/-126.502 χ^2/NDF:6.5/10

Out: 723.869+/-124.255 χ^2/NDF:23.8/12

All: 313.231+/-88.645 χ^2/NDF: 52.5/23

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 381.807+/-0.088 χ^2/NDF:537584.9/12

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

Left In: 374.446+/-0.089 χ^2/NDF:475593.7/10

Left: 378.192+/-0.063 χ^2/NDF: 1016625.3/23

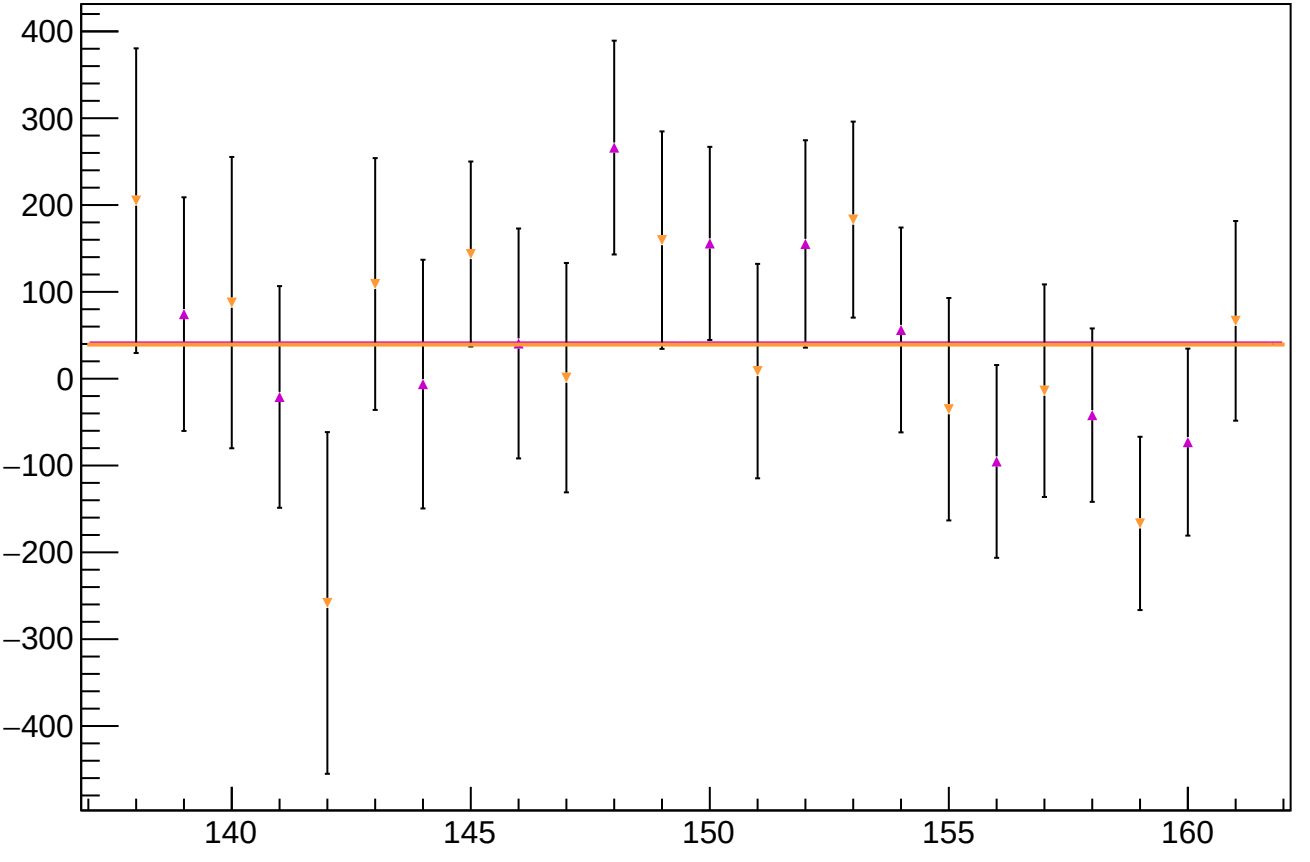
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 374.446+/-0.089 χ^2/NDF:475593.7/10

Out: 381.807+/-0.088 χ^2/NDF:537584.9/12

All: 378.192+/-0.063 χ^2/NDF: 1016625.3/23

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 39.291+/-35.390 χ^2/NDF:12.0/12

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

Left In: 40.648+/-35.832 χ^2/NDF:9.1/10

Left: 39.961+/-25.179 χ^2/NDF: 21.1/23

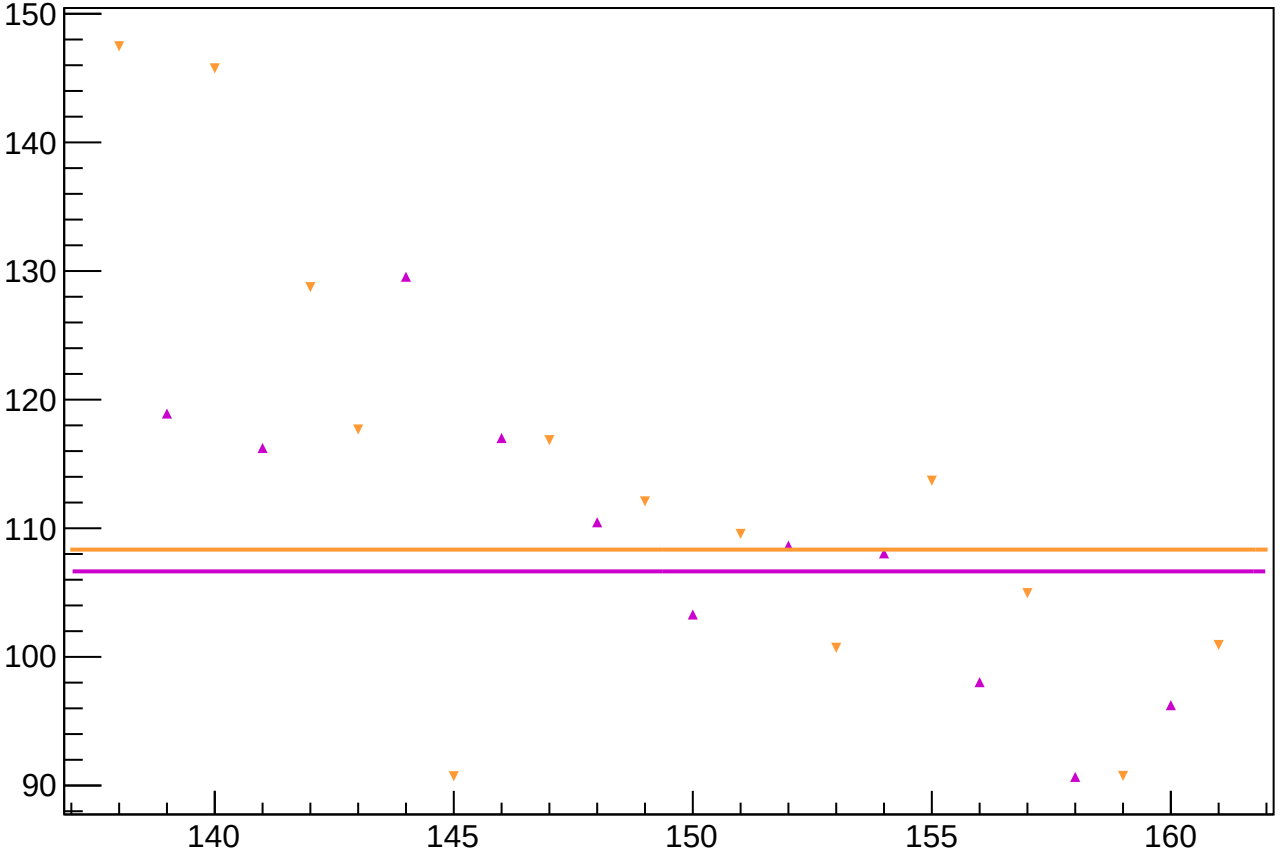
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.648+/-35.832 χ^2/NDF:9.1/10

Out: 39.291+/-35.390 χ^2/NDF:12.0/12

All: 39.961+/-25.179 χ^2/NDF: 21.1/23

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 108.342+/-0.025 χ^2/NDF:378504.0/12

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

Left In: 106.648+/-0.025 χ^2/NDF:177858.9/10

Left: 107.505+/-0.018 χ^2/NDF: 558625.6/23

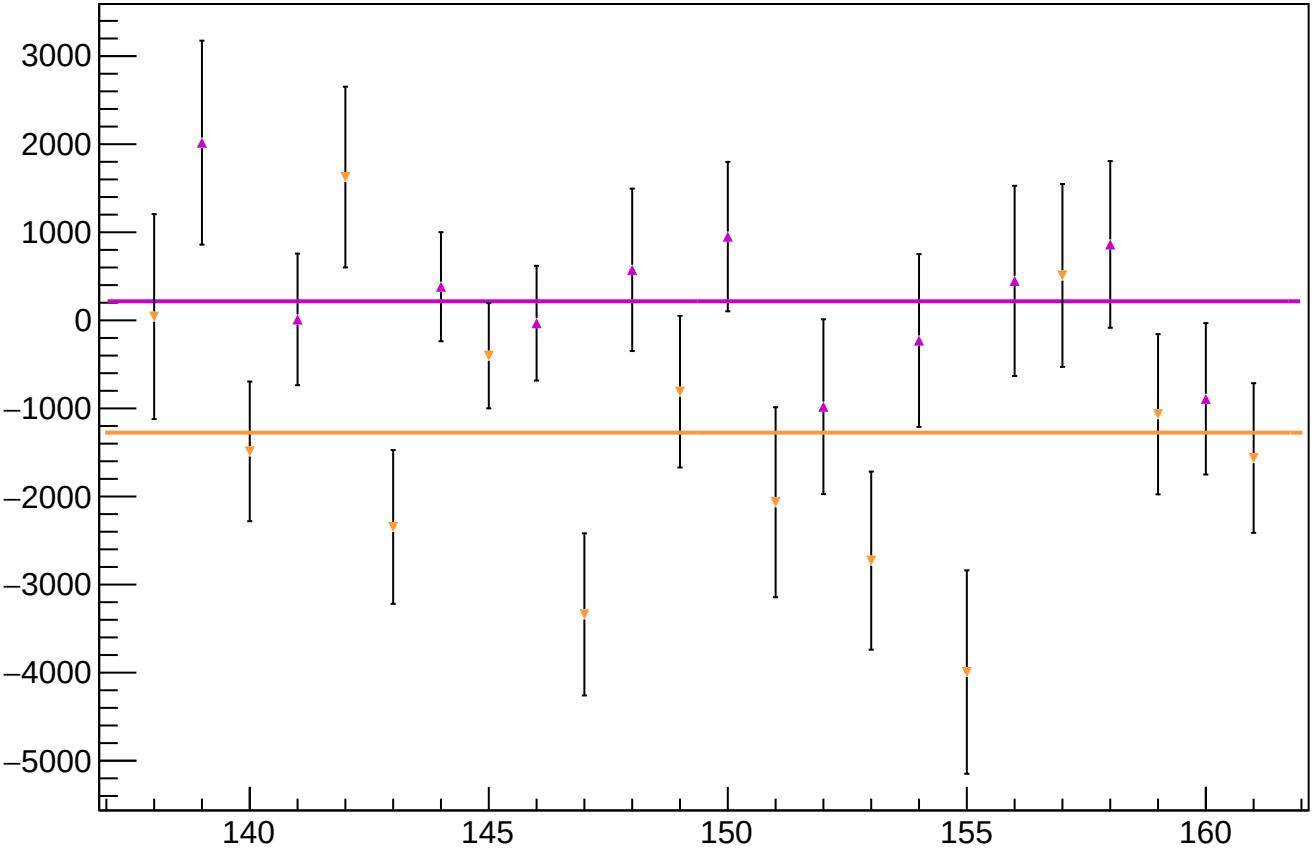
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 106.648+/-0.025 χ^2/NDF:177858.9/10

Out: 108.342+/-0.025 χ^2/NDF:378504.0/12

All: 107.505+/-0.018 χ^2/NDF: 558625.6/23

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1275.090+/-249.733 χ^2/NDF:29.6/12

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

Left In: 216.508+/-254.379 χ^2/NDF:7.4/10

Left: -543.036+/-178.208 χ^2/NDF: 54.5/23

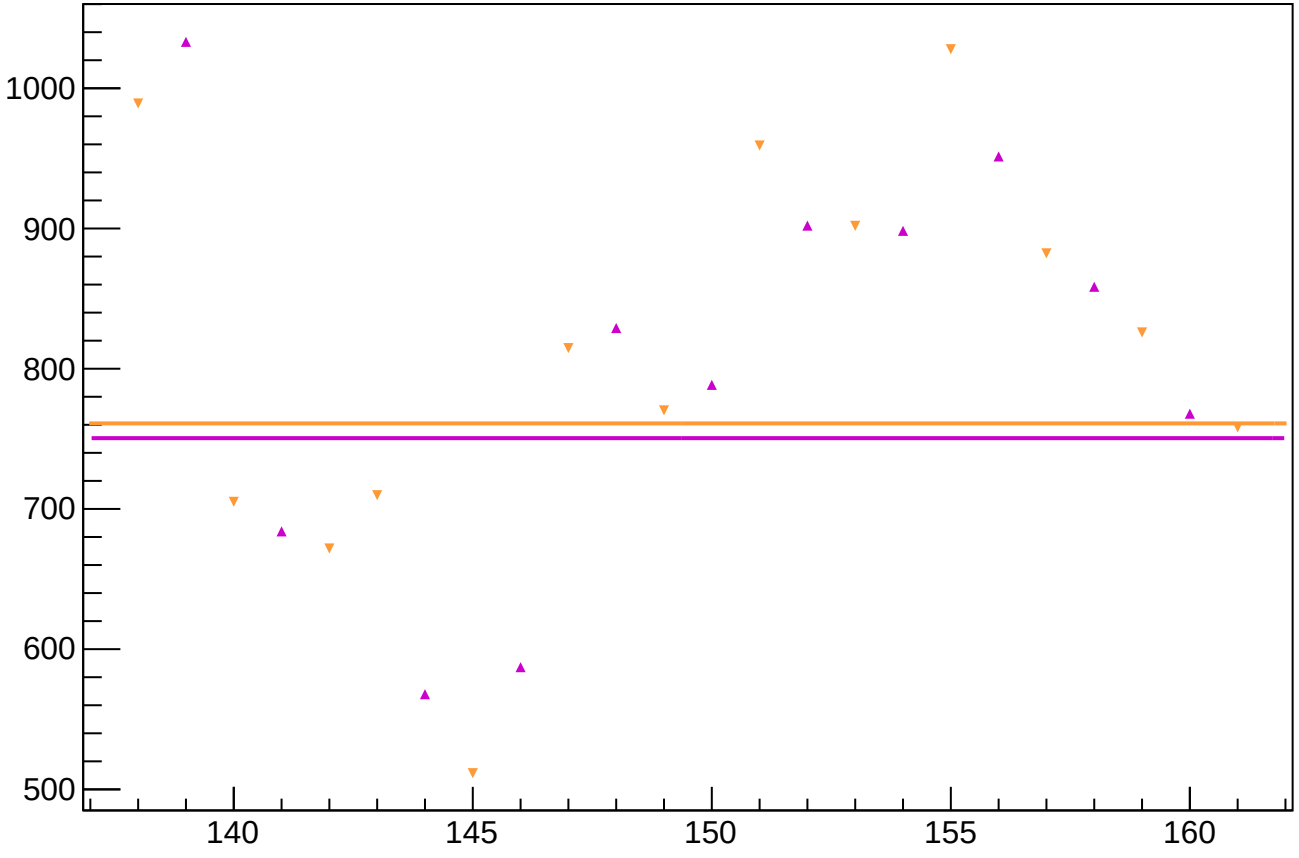
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 216.508+/-254.379 χ^2/NDF:7.4/10

Out: -1275.090+/-249.733 χ^2/NDF:29.6/12

All: -543.036+/-178.208 χ^2/NDF: 54.5/23

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 760.994+/-0.177 χ^2/NDF:715185.8/12

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

Left In: 750.484+/-0.180 χ^2/NDF:641494.7/10

Left: 755.836+/-0.126 χ^2/NDF: 1358419.0/23

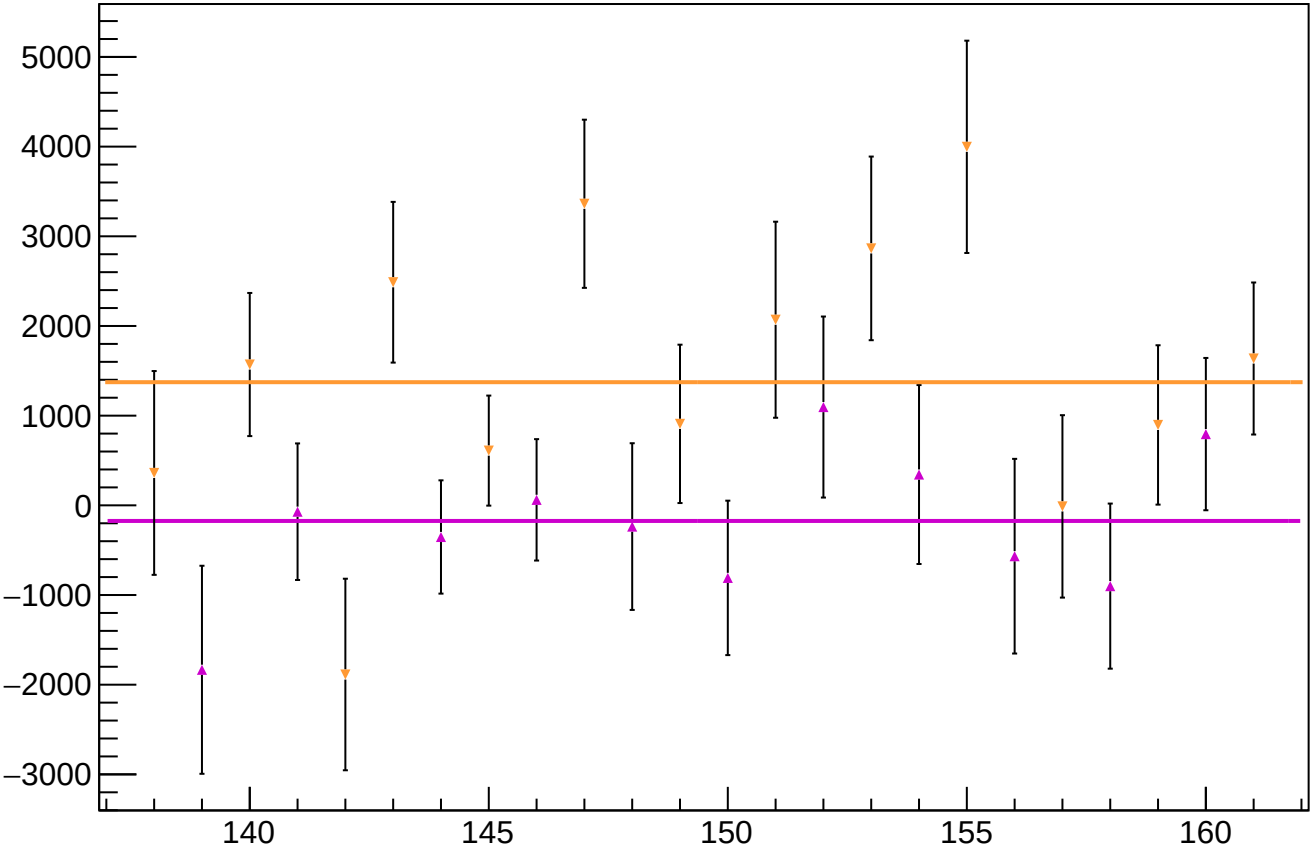
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 750.484+/-0.180 χ^2/NDF:641494.7/10

Out: 760.994+/-0.177 χ^2/NDF:715185.8/12

All: 755.836+/-0.126 χ^2/NDF: 1358419.0/23

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1373.206+/-252.596 χ^2/NDF:27.7/12

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

Left In: -174.121+/-257.626 χ^2/NDF:6.7/10

Left: 614.798+/-180.364 χ^2/NDF: 52.8/23

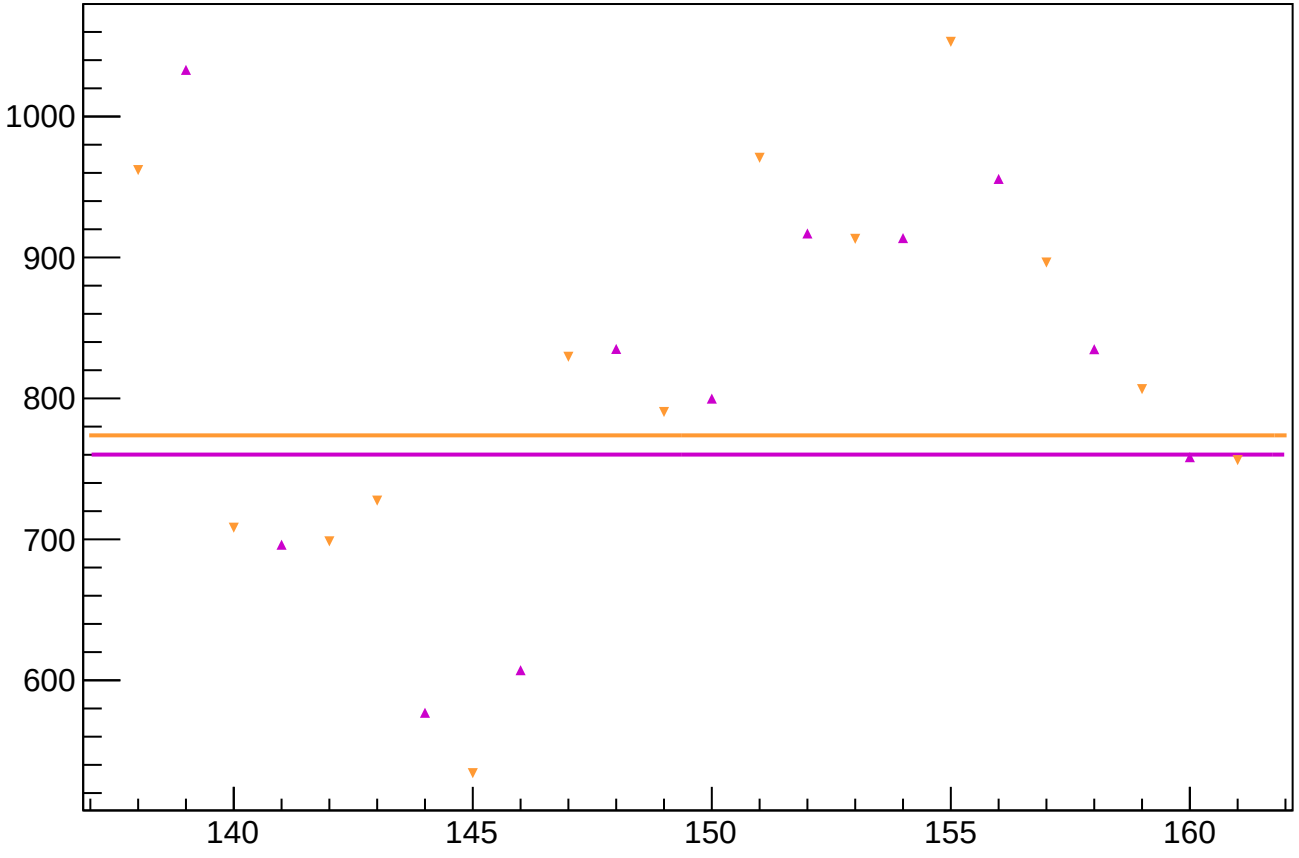
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -174.121+/-257.626 χ^2/NDF:6.7/10

Out: 1373.206+/-252.596 χ^2/NDF:27.7/12

All: 614.798+/-180.364 χ^2/NDF: 52.8/23

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 773.782+/-0.179 χ^2/NDF:642501.4/12

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

Left In: 760.145+/-0.182 χ^2/NDF:586426.9/10

Left: 767.098+/-0.128 χ^2/NDF: 1231785.7/23

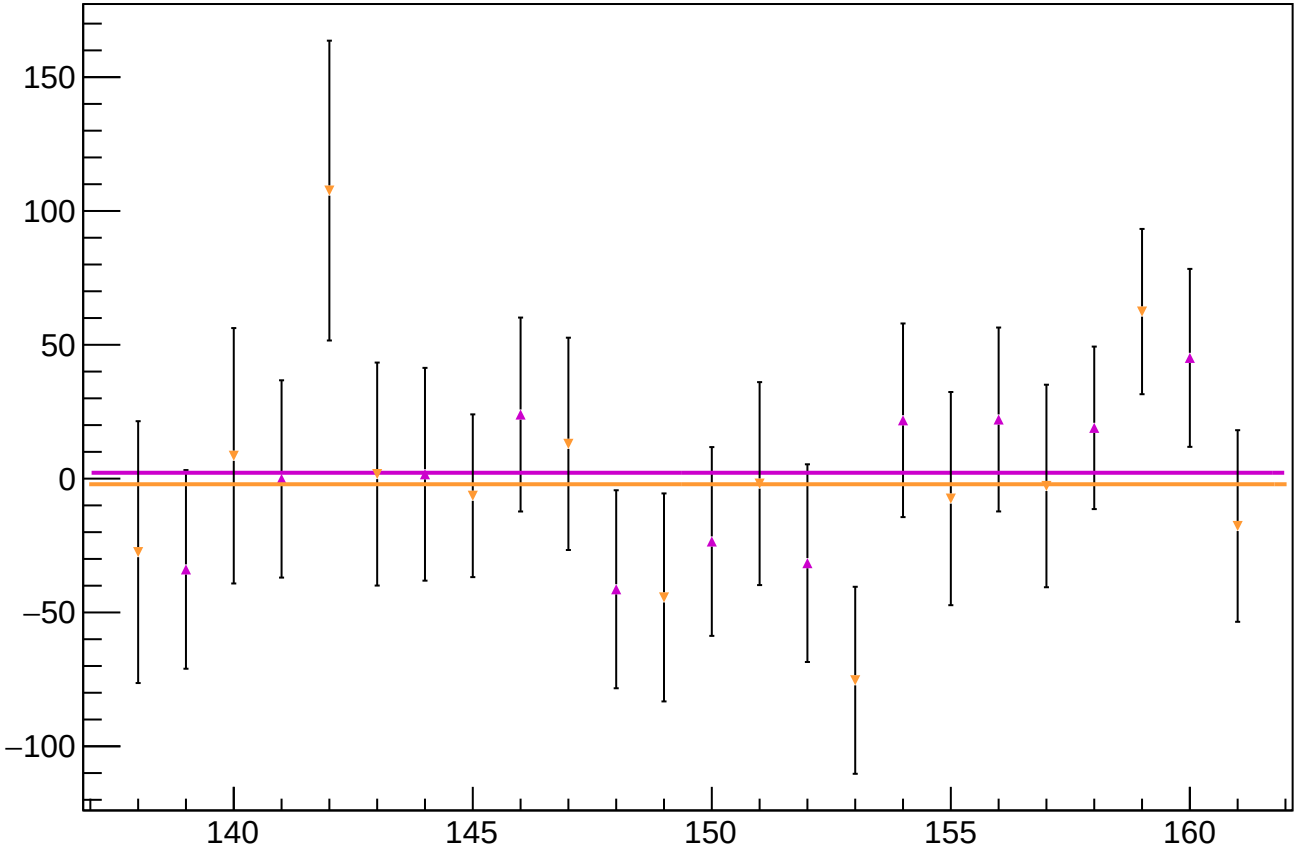
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 760.145+/-0.182 χ^2/NDF:586426.9/10

Out: 773.782+/-0.179 χ^2/NDF:642501.4/12

All: 767.098+/-0.128 χ^2/NDF: 1231785.7/23

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -2.096+/-10.657 χ^2/NDF:14.5/12

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

Left In: 2.192+/-10.705 χ^2/NDF:6.7/10

Left: 0.038+/-7.552 χ^2/NDF: 21.2/23

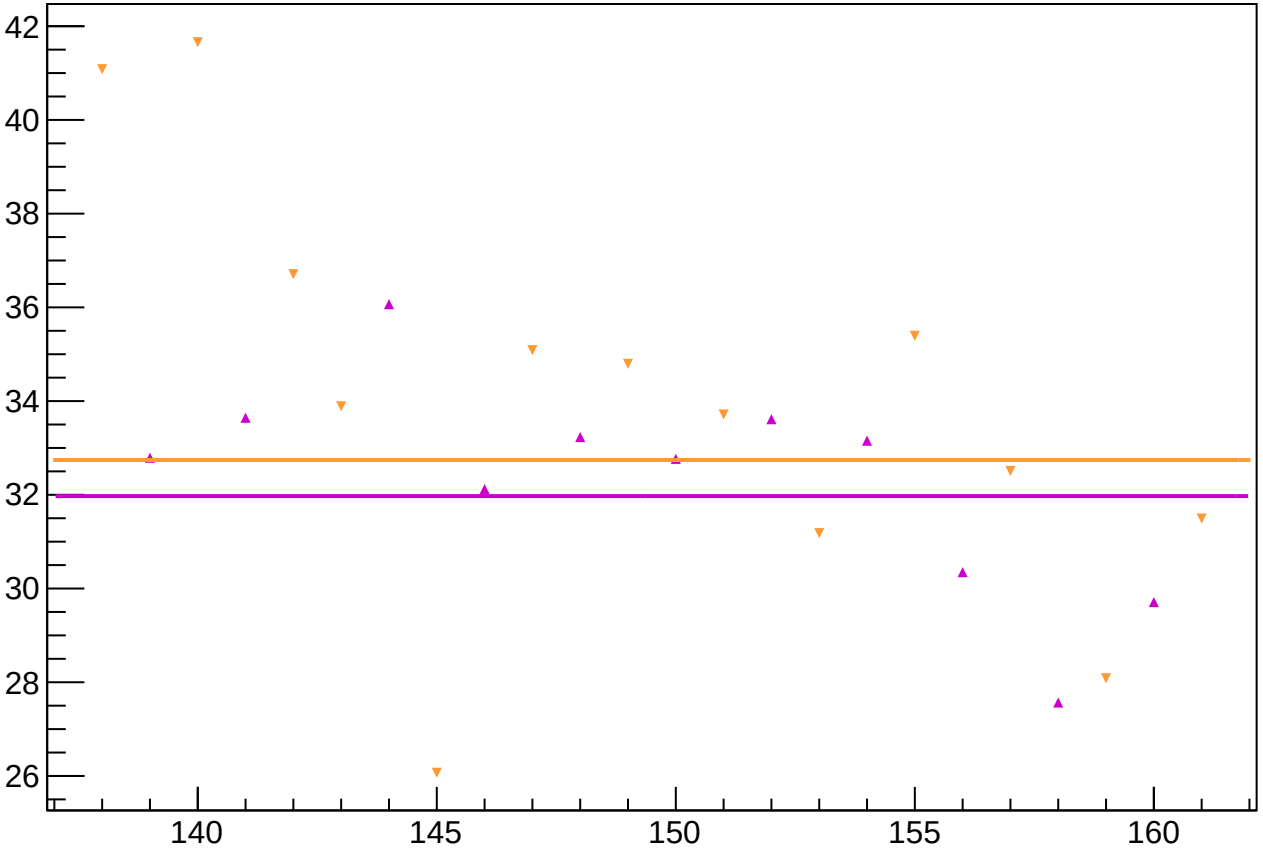
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.192+/-10.705 χ^2/NDF:6.7/10

Out: -2.096+/-10.657 χ^2/NDF:14.5/12

All: 0.038+/-7.552 χ^2/NDF: 21.2/23

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 32.742+/-0.008 χ^2/NDF:310633.7/12

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

Left In: 31.972+/-0.008 χ^2/NDF:91608.6/10

Left: 32.359+/-0.005 χ^2/NDF: 407439.1/23

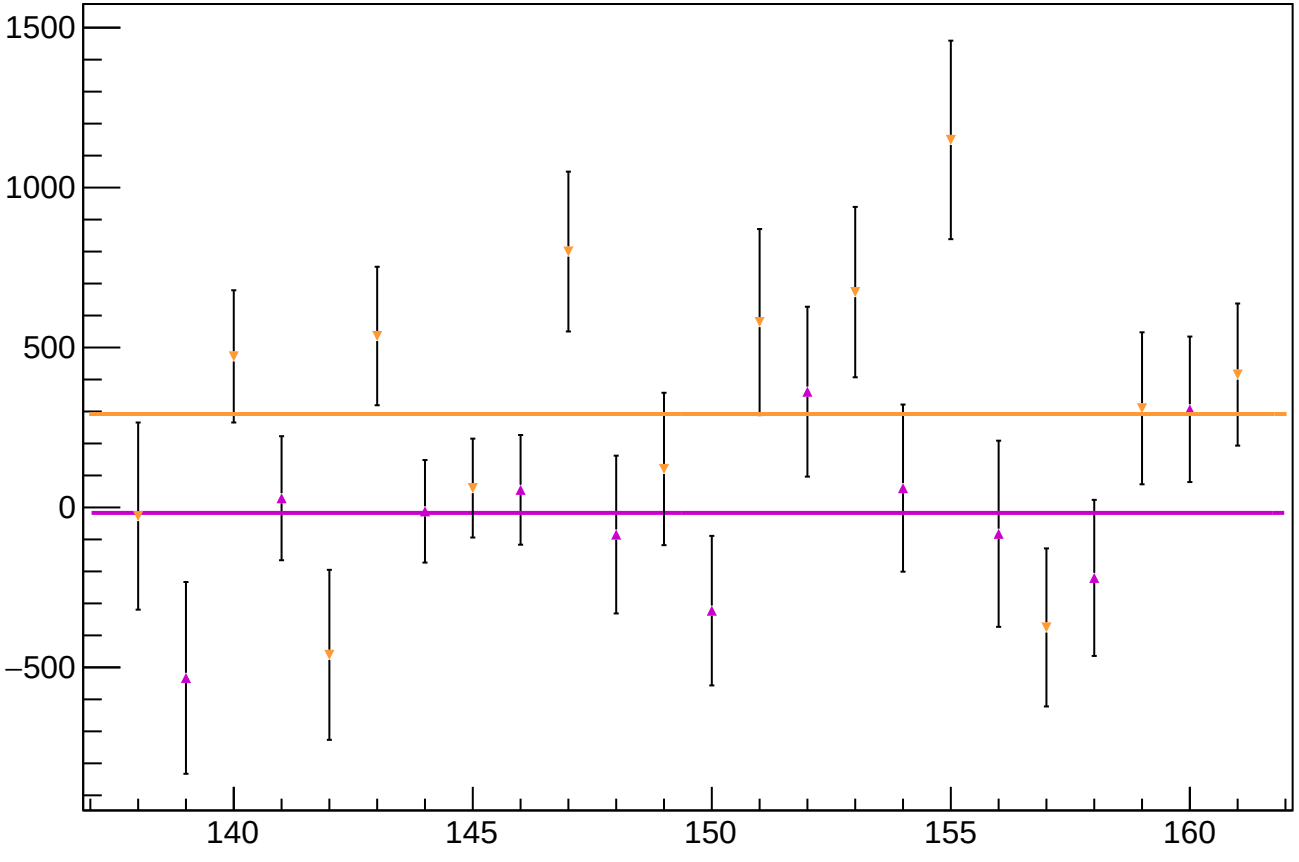
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 31.972+/-0.008 χ^2/NDF:91608.6/10

Out: 32.742+/-0.008 χ^2/NDF:310633.7/12

All: 32.359+/-0.005 χ^2/NDF: 407439.1/23

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: 292.103+/-64.995 χ^2/NDF:36.4/12

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

Left In: -17.022+/-67.094 χ^2/NDF:9.9/10

Left: 142.450+/-46.683 χ^2/NDF: 57.2/23

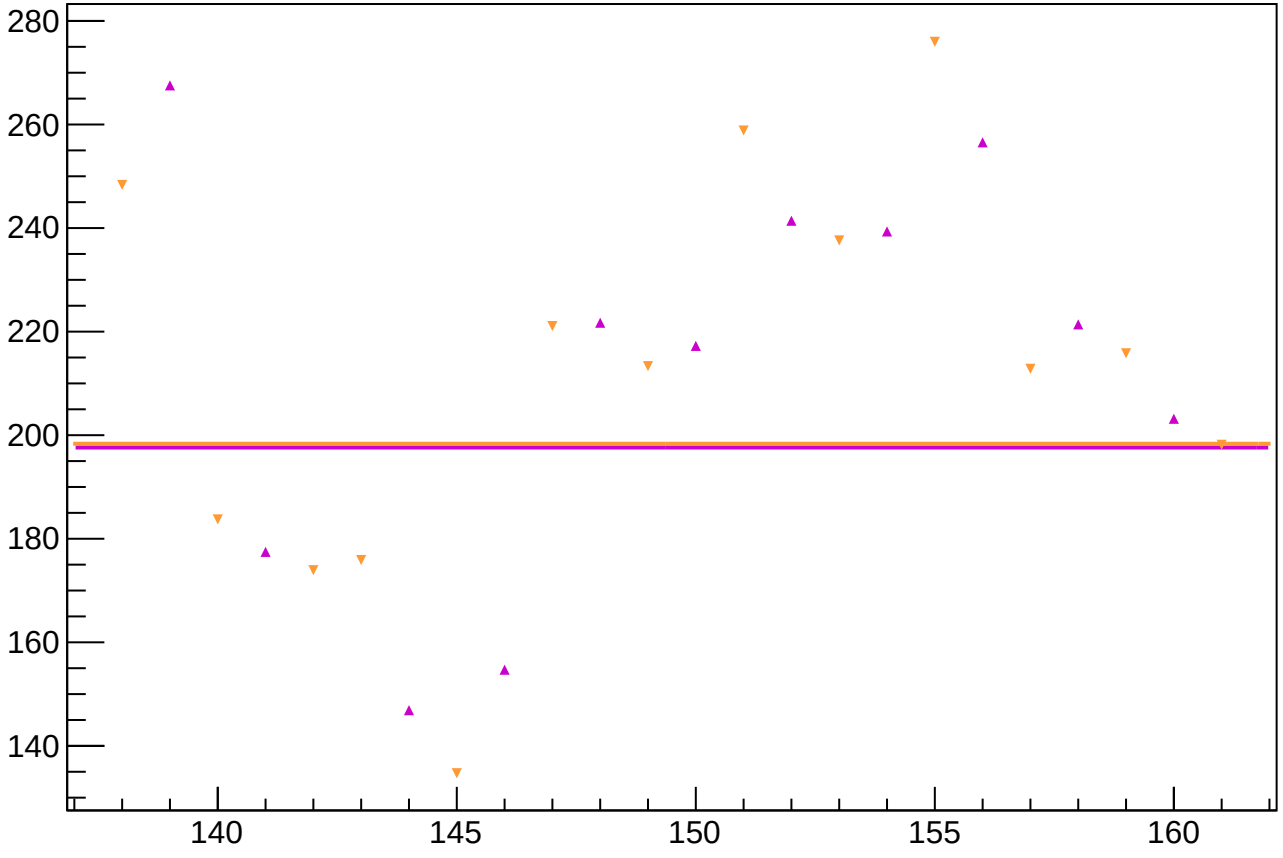
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.022+/-67.094 χ^2/NDF:9.9/10

Out: 292.103+/-64.995 χ^2/NDF:36.4/12

All: 142.450+/-46.683 χ^2/NDF: 57.2/23

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: 198.346+/-0.046 χ^2/NDF:742946.8/12

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

Left In: 197.618+/-0.047 χ^2/NDF:696737.7/10

Left: 197.993+/-0.033 χ^2/NDF: 1439806.1/23

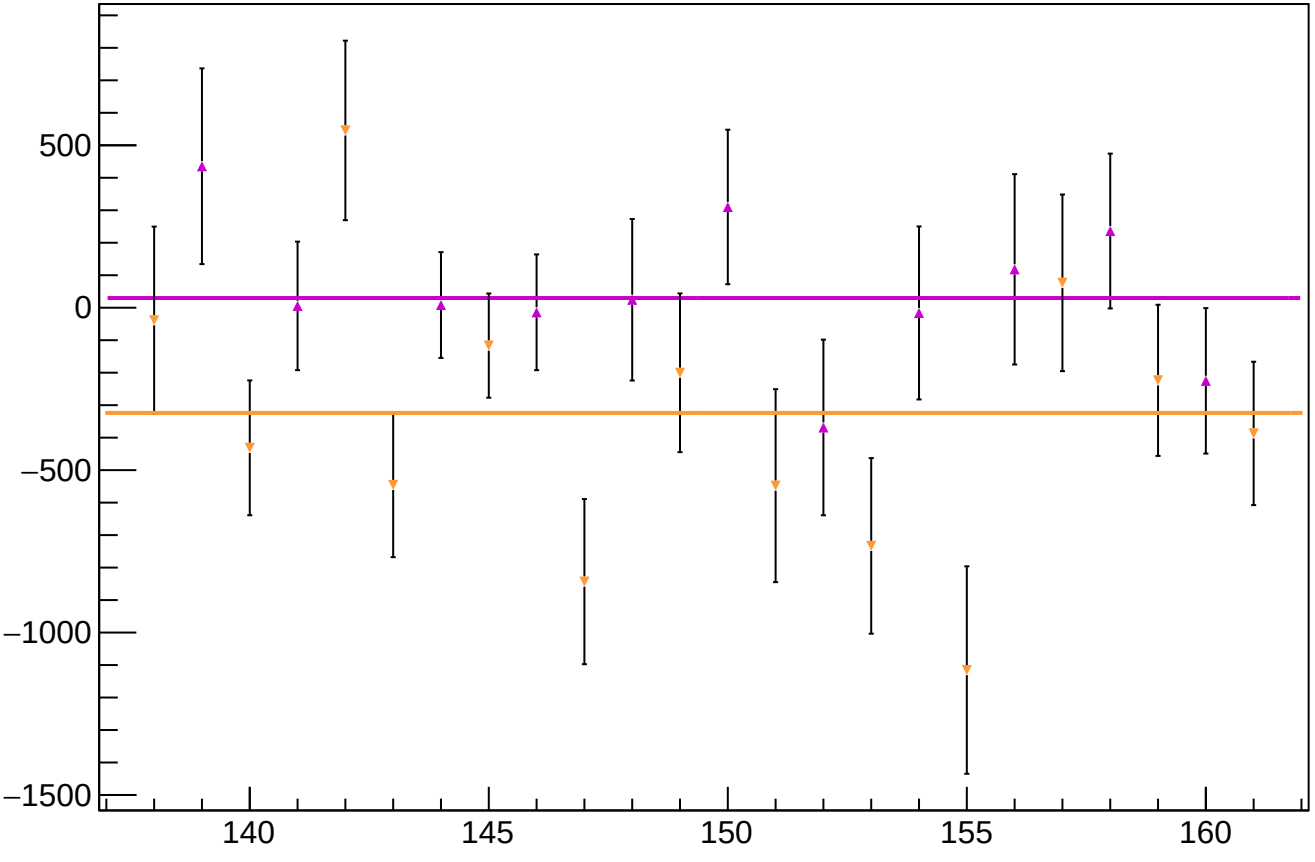
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 197.618+/-0.047 χ^2/NDF:696737.7/10

Out: 198.346+/-0.046 χ^2/NDF:742946.8/12

All: 197.993+/-0.033 χ^2/NDF: 1439806.1/23

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -323.882+/-66.362 χ^2/NDF:29.7/12

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

Left In: 29.827+/-67.945 χ^2/NDF:7.6/10

Left: -151.197+/-47.475 χ^2/NDF: 51.2/23

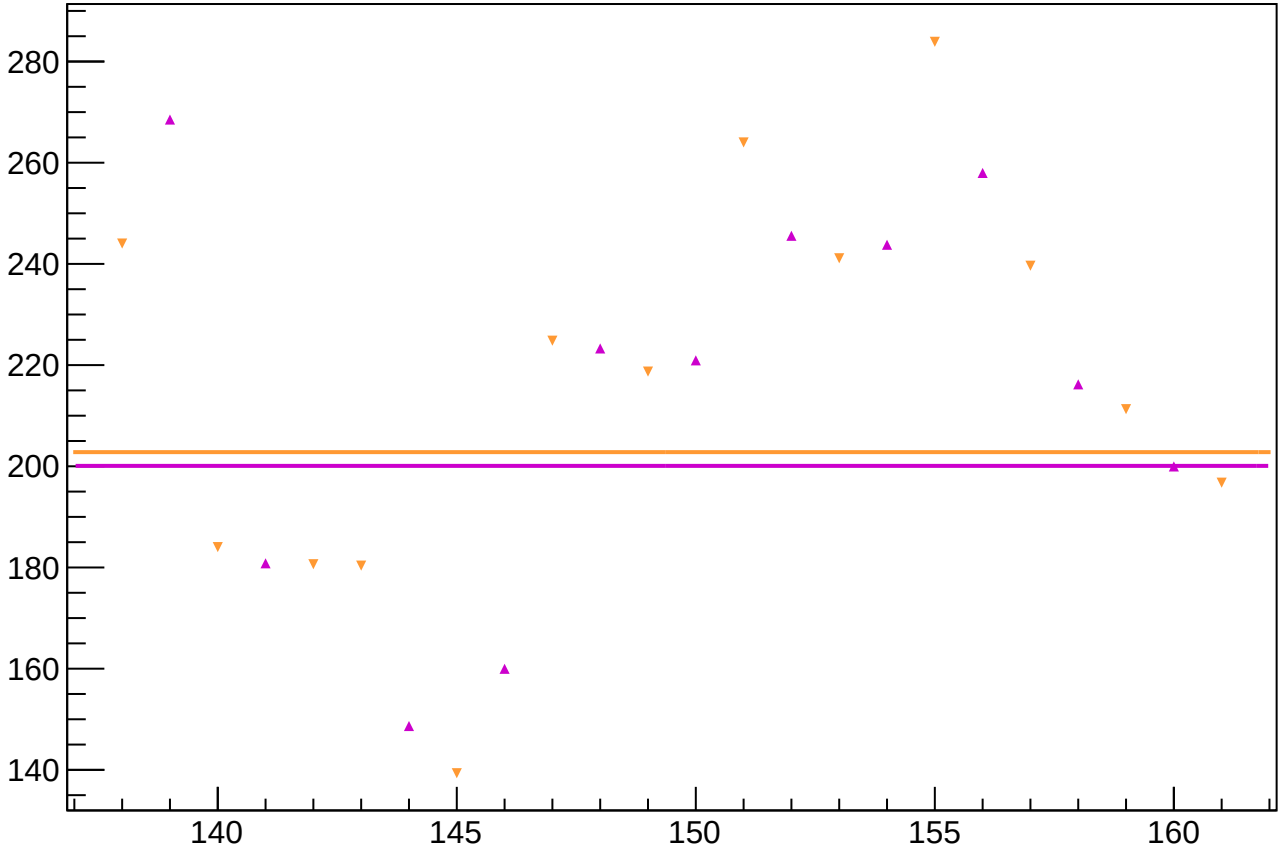
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 29.827+/-67.945 χ^2/NDF:7.6/10

Out: -323.882+/-66.362 χ^2/NDF:29.7/12

All: -151.197+/-47.475 χ^2/NDF: 51.2/23

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 202.798+/-0.047 χ^2/NDF:722135.9/12

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

Left In: 200.082+/-0.048 χ^2/NDF:653395.2/10

Left: 201.472+/-0.034 χ^2/NDF: 1377167.1/23

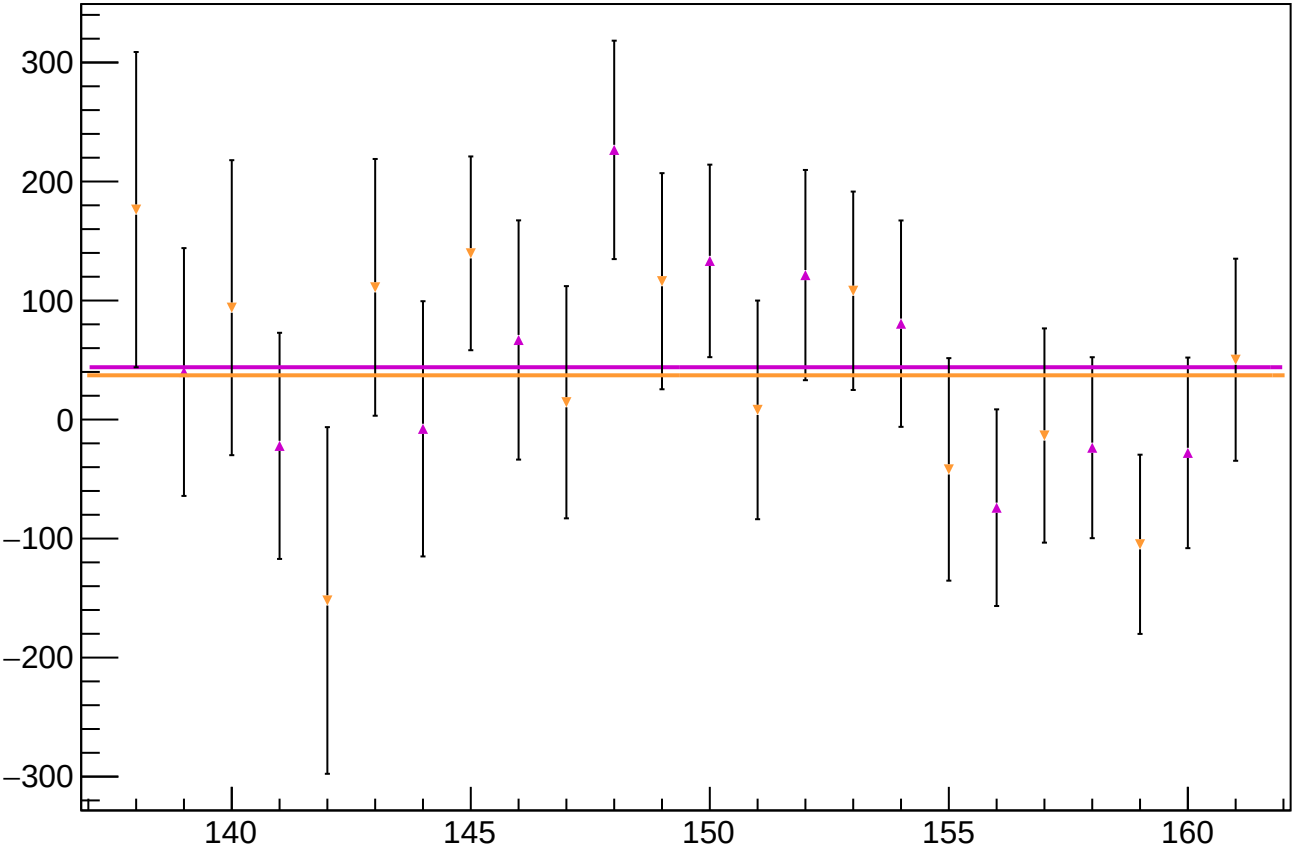
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 200.082+/-0.048 χ^2/NDF:653395.2/10

Out: 202.798+/-0.047 χ^2/NDF:722135.9/12

All: 201.472+/-0.034 χ^2/NDF: 1377167.1/23

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 37.178+/-26.279 χ^2/NDF:11.3/12

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

Left In: 43.969+/-26.750 χ^2/NDF:10.5/10

Left: 40.513+/-18.747 χ^2/NDF: 21.9/23

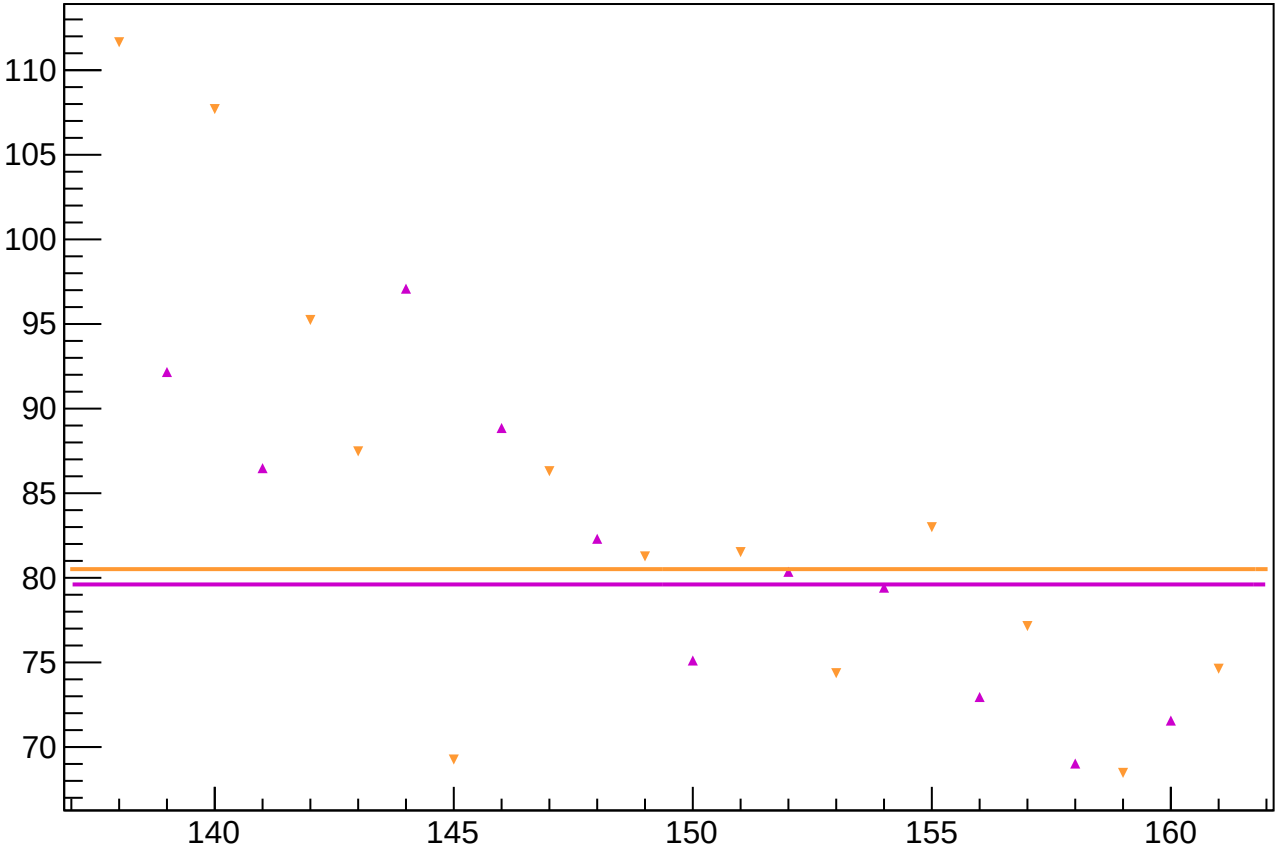
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 43.969+/-26.750 χ^2/NDF:10.5/10

Out: 37.178+/-26.279 χ^2/NDF:11.3/12

All: 40.513+/-18.747 χ^2/NDF: 21.9/23

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 80.513+/-0.019 χ^2/NDF:357067.4/12

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

Left In: 79.609+/-0.019 χ^2/NDF:189601.7/10

Left: 80.069+/-0.013 χ^2/NDF: 547833.9/23

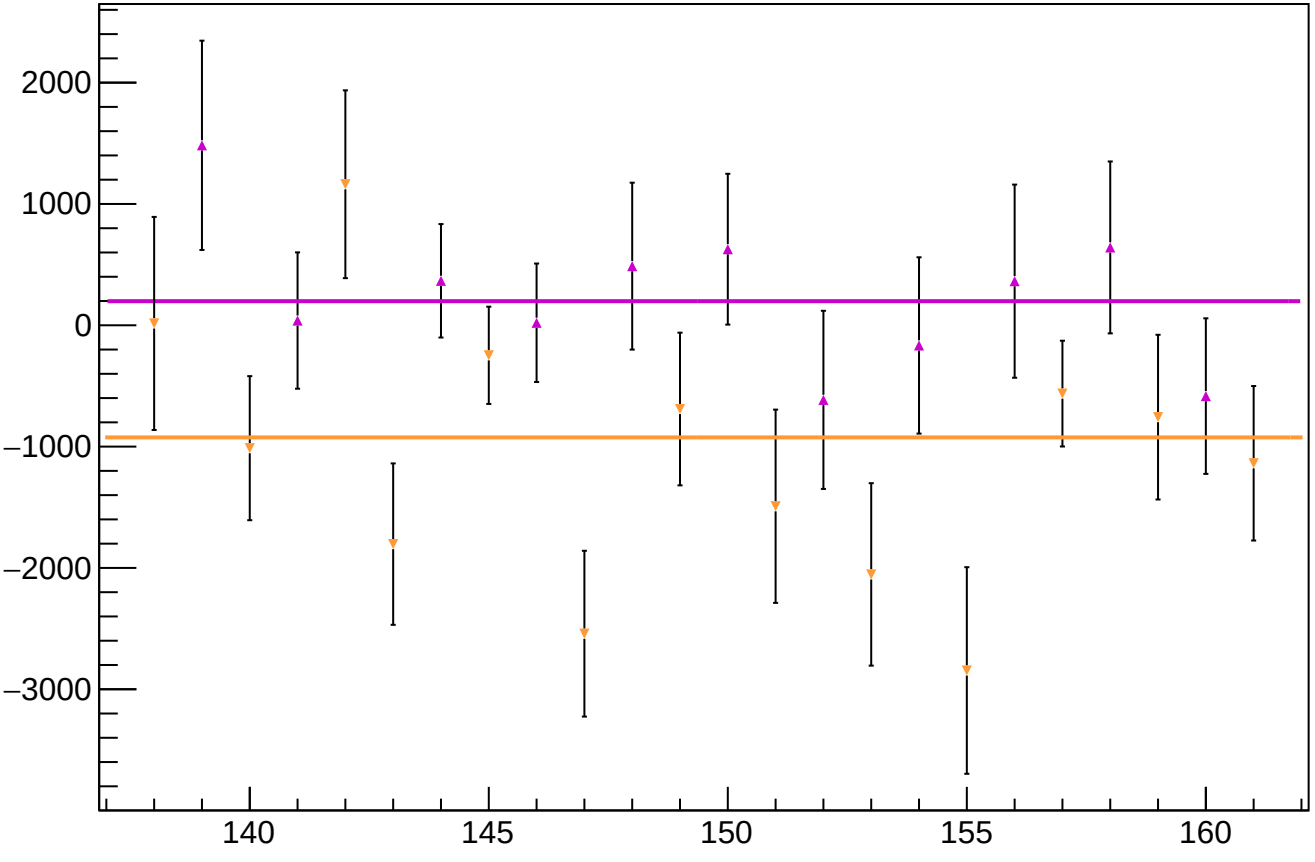
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 79.609+/-0.019 χ^2/NDF:189601.7/10

Out: 80.513+/-0.019 χ^2/NDF:357067.4/12

All: 80.069+/-0.013 χ^2/NDF: 547833.9/23

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -924.219+/-172.571 χ^2/NDF:27.5/12

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

Left In: 198.746+/-189.897 χ^2/NDF:6.6/10

Left: -416.293+/-127.713 χ^2/NDF: 53.3/23

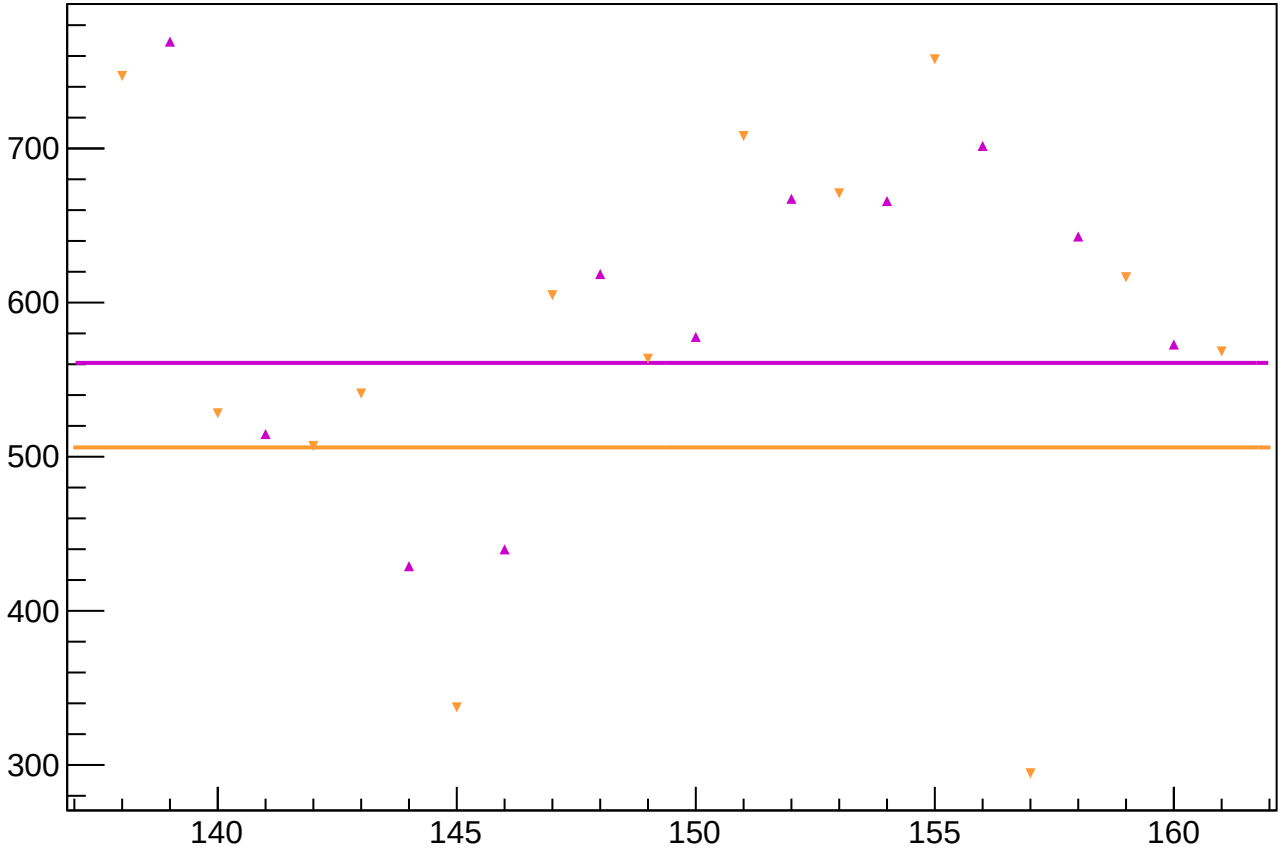
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 198.746+/-189.897 χ^2/NDF:6.6/10

Out: -924.219+/-172.571 χ^2/NDF:27.5/12

All: -416.293+/-127.713 χ^2/NDF: 53.3/23

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 506.030+/-0.122 χ^2/NDF:1513859.5/12

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

Left In: 560.883+/-0.134 χ^2/NDF:601520.6/10

Left: 530.841+/-0.090 χ^2/NDF: 2206776.6/23

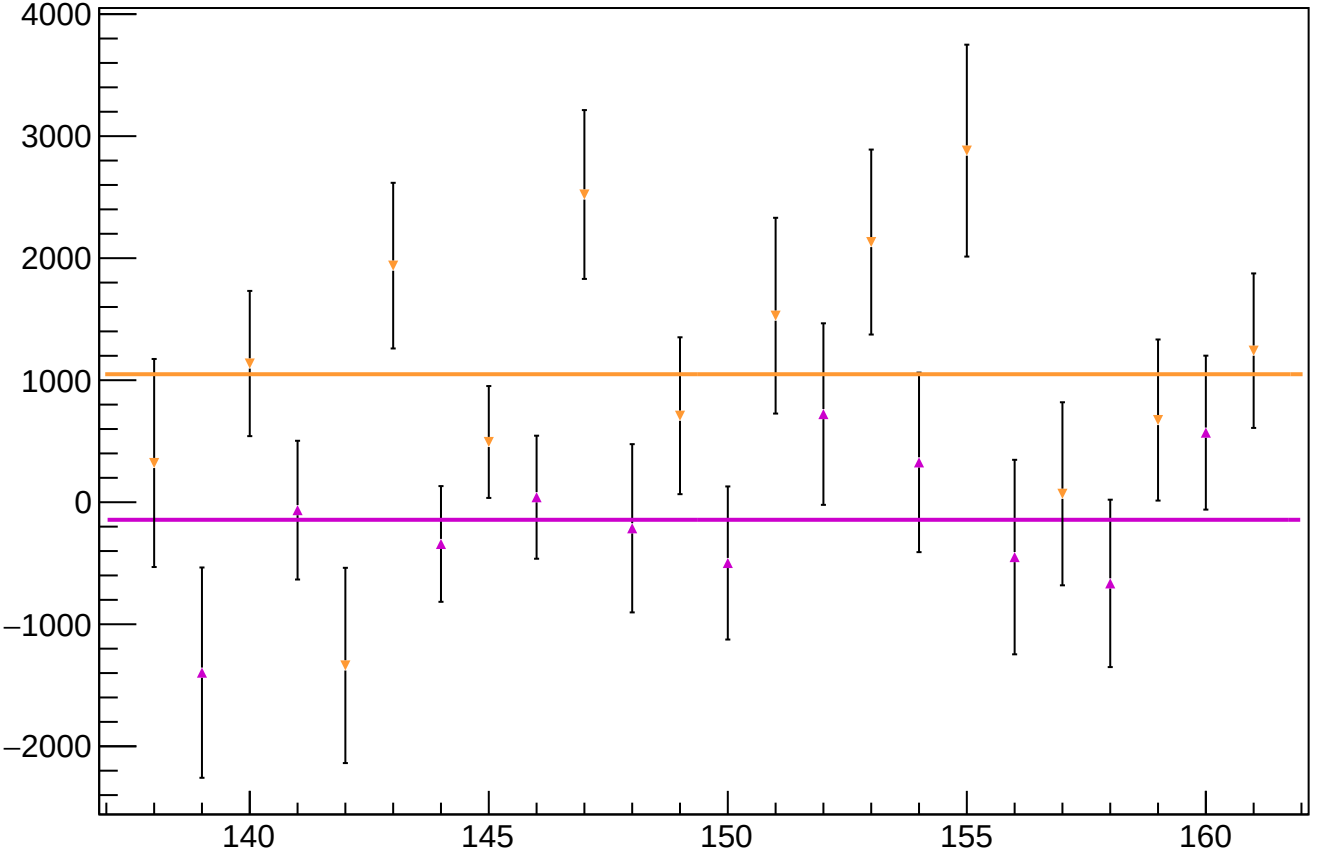
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 560.883+/-0.134 χ^2/NDF:601520.6/10

Out: 506.030+/-0.122 χ^2/NDF:1513859.5/12

All: 530.841+/-0.090 χ^2/NDF: 2206776.6/23

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 1049.042+/-187.679 χ^2/NDF:26.6/12

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

Left In: -143.896+/-191.262 χ^2/NDF:6.5/10

Left: 463.851+/-133.958 χ^2/NDF: 53.0/23

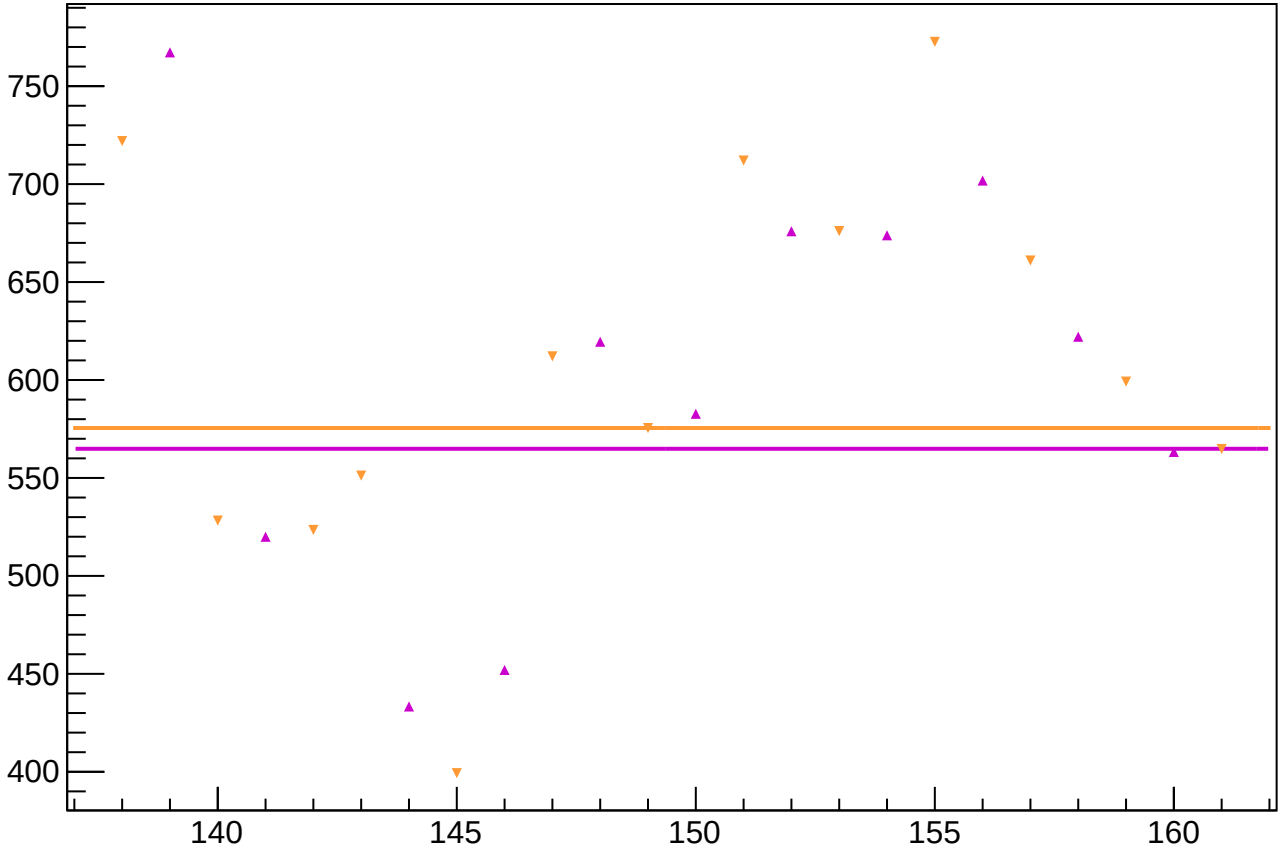
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -143.896+/-191.262 χ^2/NDF:6.5/10

Out: 1049.042+/-187.679 χ^2/NDF:26.6/12

All: 463.851+/-133.958 χ^2/NDF: 53.0/23

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 575.501+/-0.133 χ^2/NDF:609058.0/12

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

Left In: 564.892+/-0.135 χ^2/NDF:552586.6/10

Left: 570.297+/-0.095 χ^2/NDF: 1164779.4/23

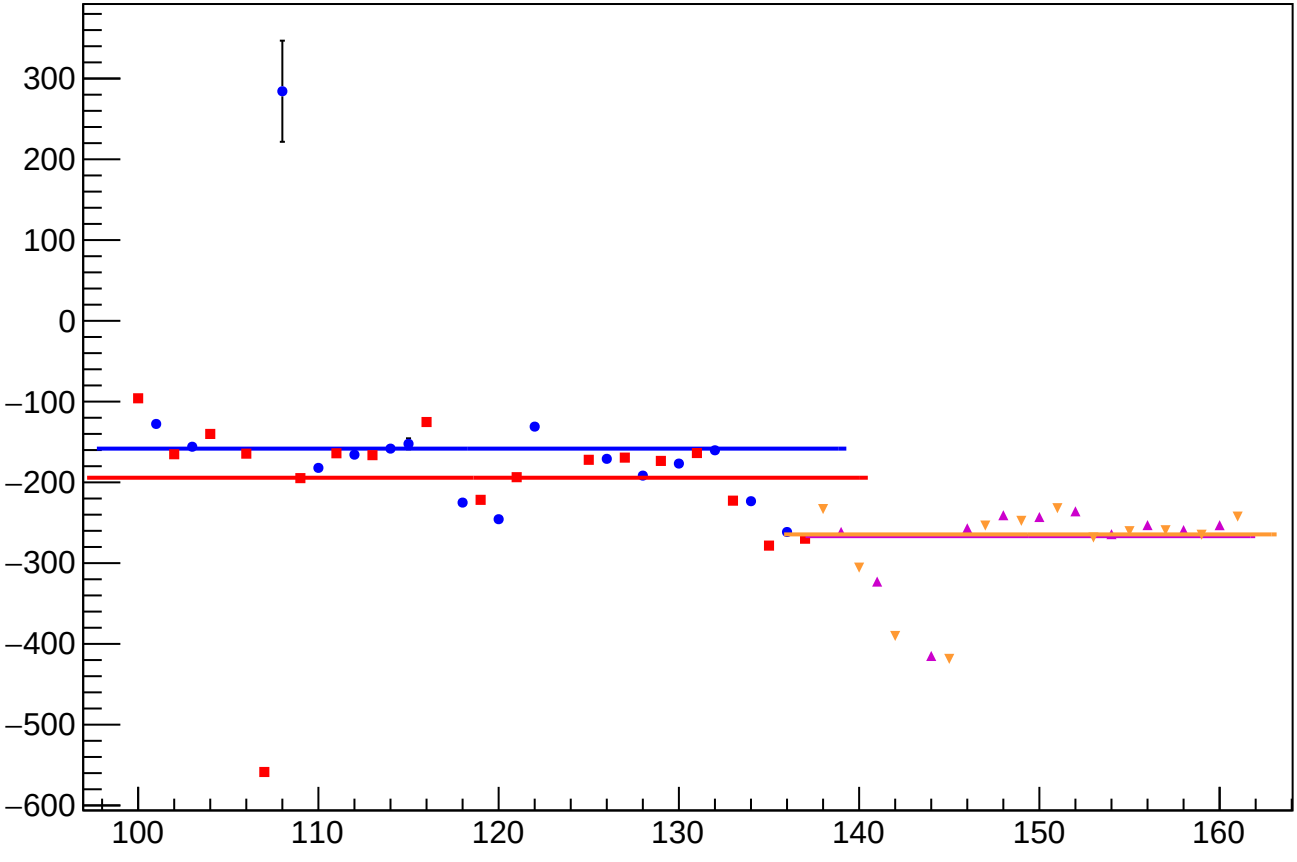
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 564.892+/-0.135 χ^2/NDF:552586.6/10

Out: 575.501+/-0.133 χ^2/NDF:609058.0/12

All: 570.297+/-0.095 χ^2/NDF: 1164779.4/23

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -264.427+/-0.171 χ^2/NDF:26431.9/11

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -266.611+/-0.180 χ^2/NDF:44095.7/10

Left: -265.468+/-0.124 χ^2/NDF: 70604.9/22

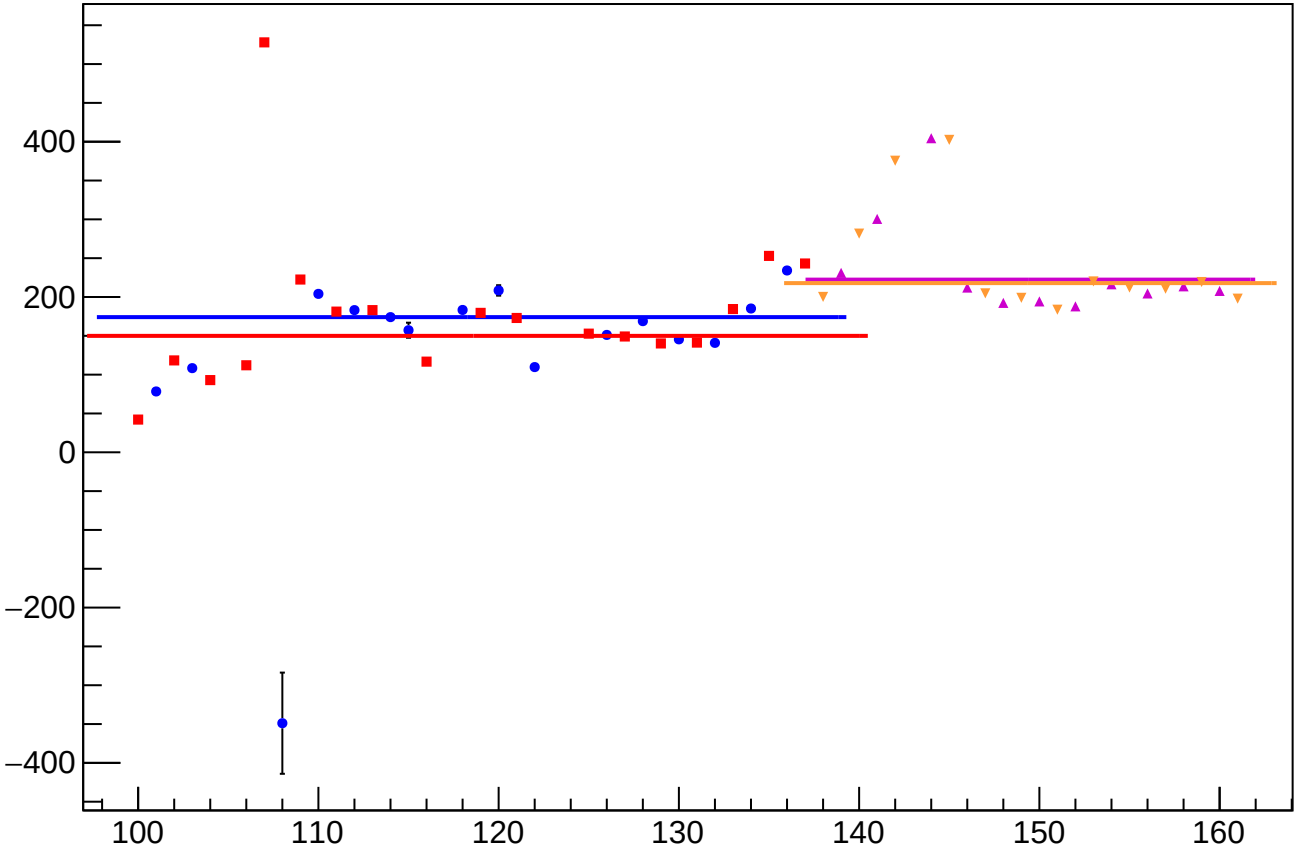
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:525660.2/26

Out: -228.042+/-0.119 χ^2/NDF:289875.5/29

All: -158.222+/-0.000 χ^2/NDF: 1160196.5/56

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 217.886+/-0.170 χ^2/NDF:34259.8/11

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 222.383+/-0.181 χ^2/NDF:62219.2/10

Left: 219.991+/-0.124 χ^2/NDF: 96807.3/22

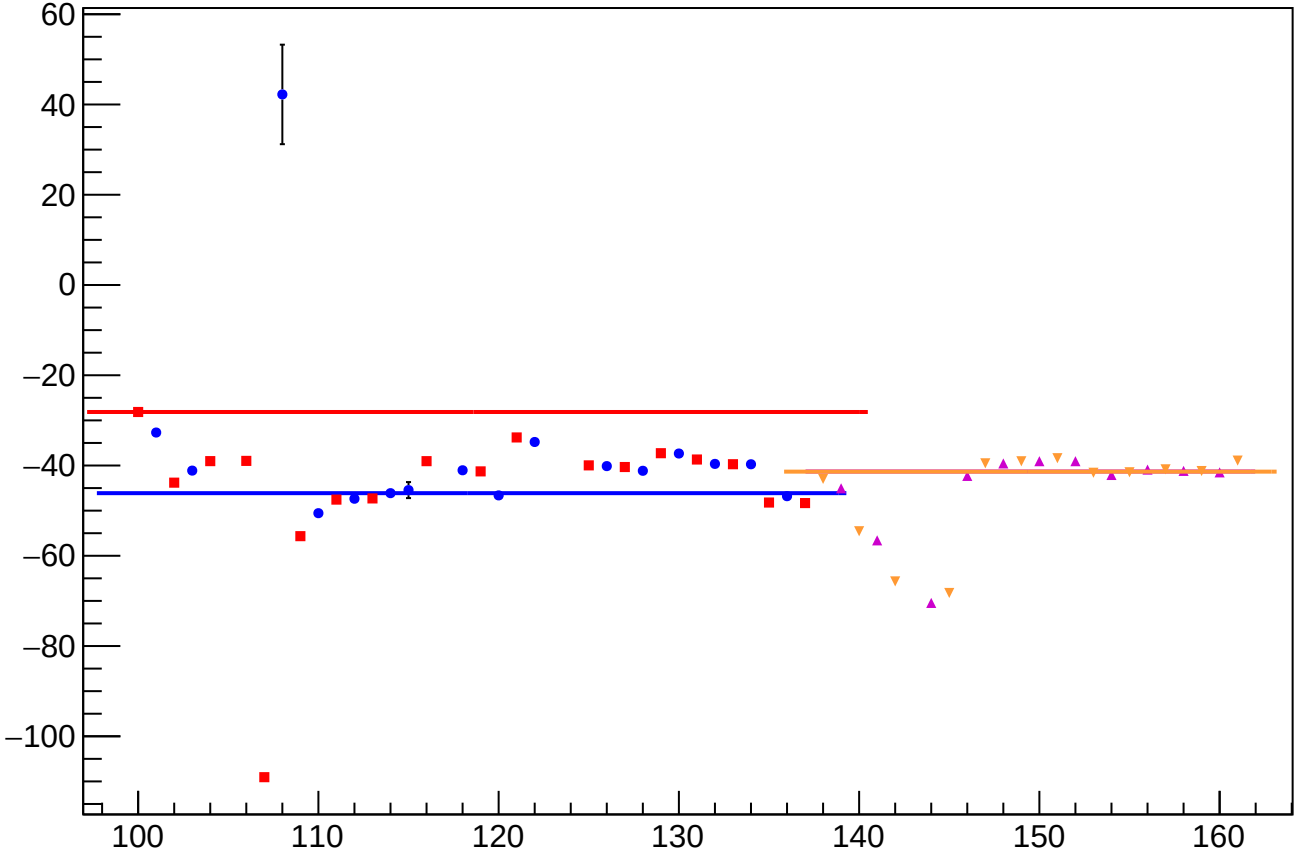
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:186822.0/26

Out: 188.684+/-0.128 χ^2/NDF:270931.8/29

All: 174.085+/-0.000 χ^2/NDF: 470720.7/56

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -41.357+/-0.008 χ^2/NDF:87087.6/11

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -41.326+/-0.010 χ^2/NDF:154793.4/10

Left: -41.344+/-0.006 χ^2/NDF: 241886.8/22

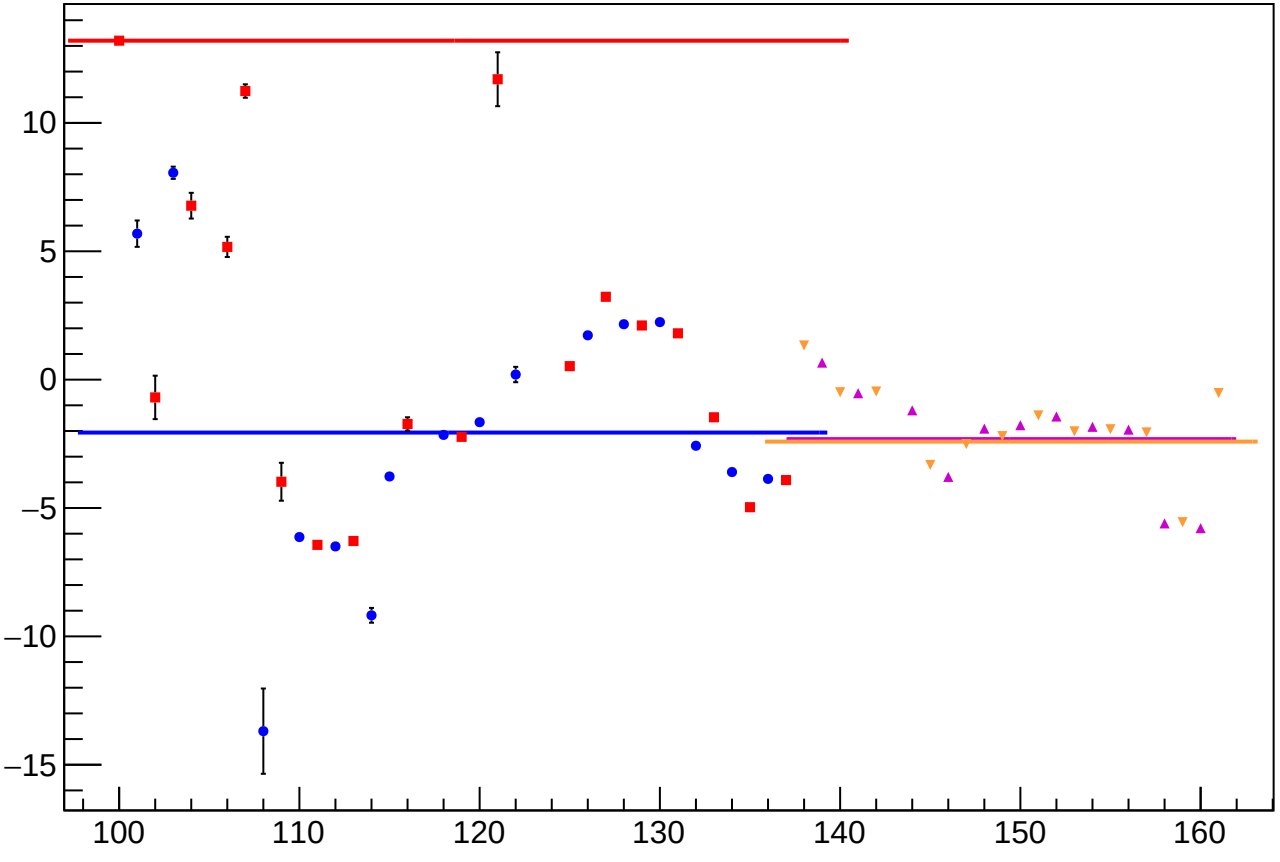
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:582698.9/26

Out: -28.139+/-0.000 χ^2/NDF:3285679.6/29

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: -2.413+/-0.009 χ^2/NDF:30212.9/11

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -2.316+/-0.008 χ^2/NDF:47355.9/10

Left: -2.354+/-0.006 χ^2/NDF: 77632.9/22

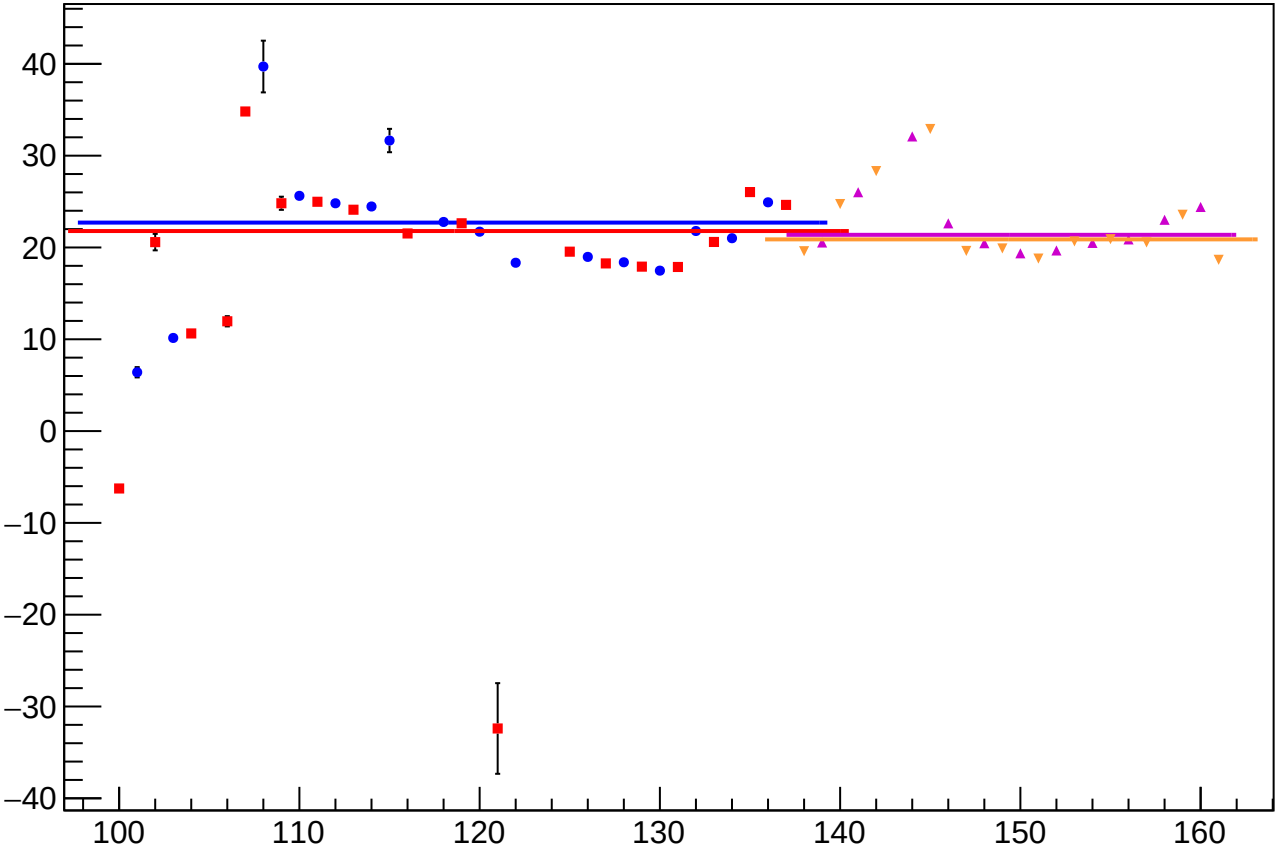
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -2.278+/-0.007 χ^2/NDF:73195.0/26

Out: 13.204+/-0.000 χ^2/NDF:3243655.5/29

All: 13.204+/-0.000 χ^2/NDF: 8290391.2/56

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 20.882+/-0.011 χ^2/NDF:22263.0/11

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 21.378+/-0.009 χ^2/NDF:52695.5/10

Left: 21.186+/-0.007 χ^2/NDF: 76129.8/22

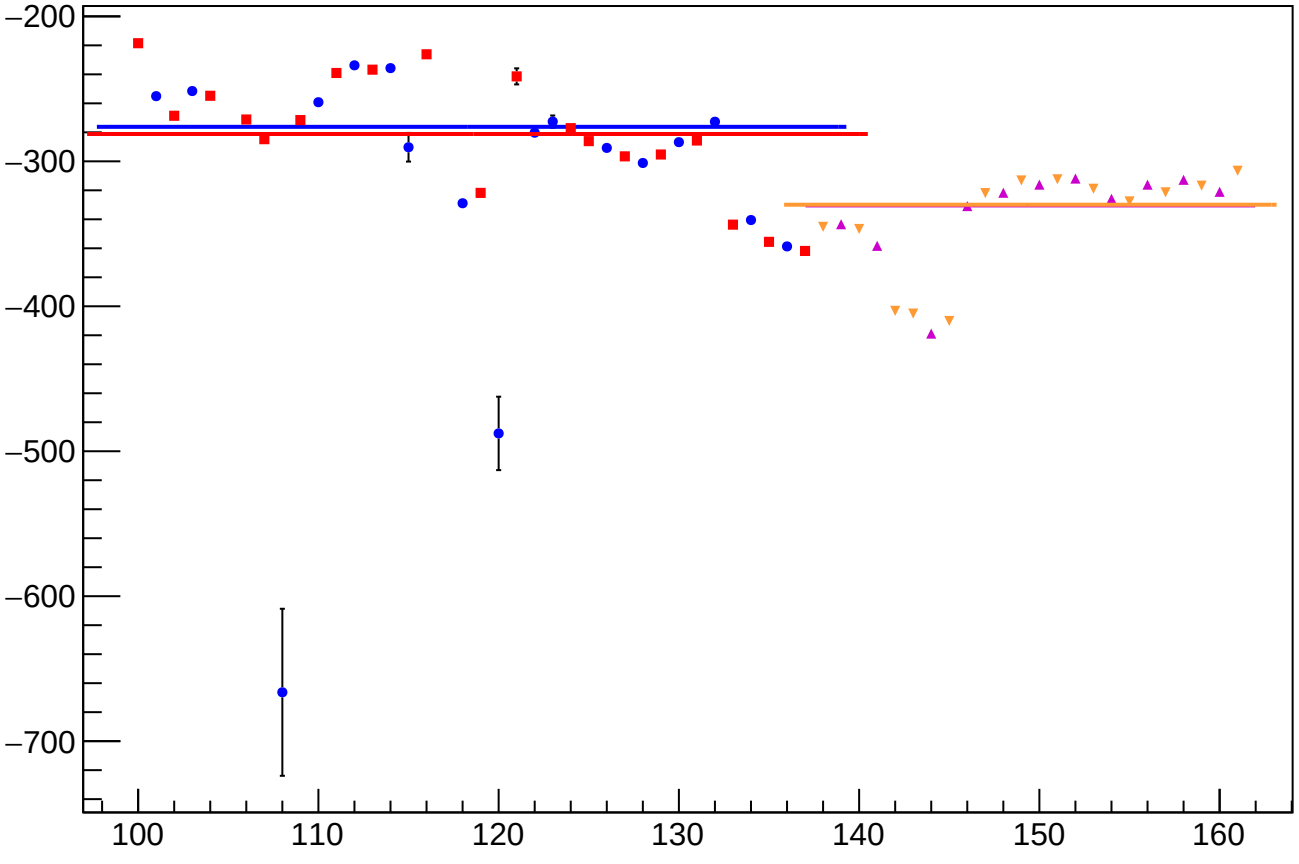
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 21.628+/-0.008 χ^2/NDF:79566.9/26

Out: 21.079+/-0.010 χ^2/NDF:50327.7/29

All: 21.410+/-0.006 χ^2/NDF: 131702.3/56

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -329.929+/-0.154 χ^2/NDF:29382.8/12

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -330.429+/-0.128 χ^2/NDF:35079.6/10

Left: -330.224+/-0.099 χ^2/NDF: 64468.6/23

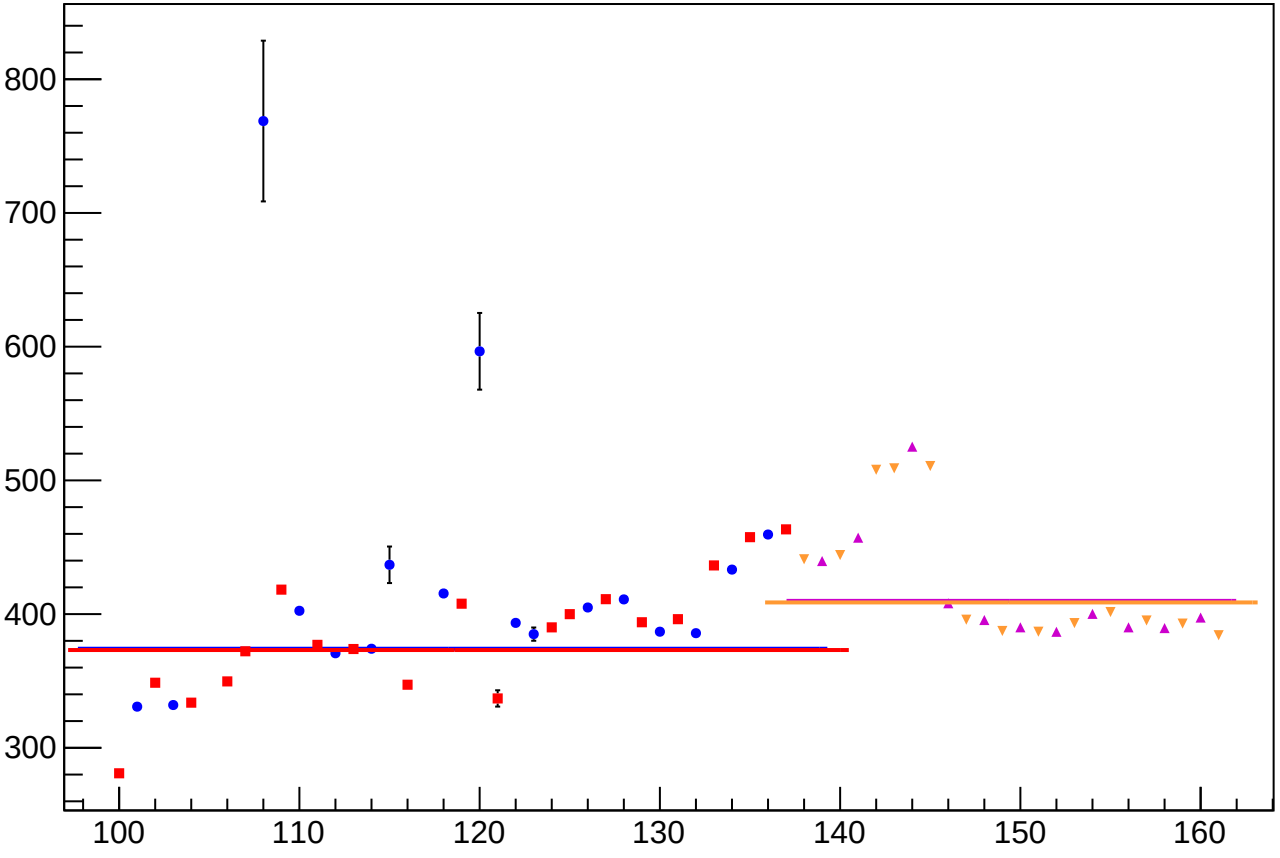
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -310.226+/-0.102 χ^2/NDF:159692.1/27

Out: -304.538+/-0.106 χ^2/NDF:159394.6/31

All: -307.513+/-0.074 χ^2/NDF: 320579.9/59

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 408.726+/-0.153 χ^2/NDF:51659.9/12

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 409.887+/-0.130 χ^2/NDF:59839.1/10

Left: 409.401+/-0.099 χ^2/NDF: 111532.5/23

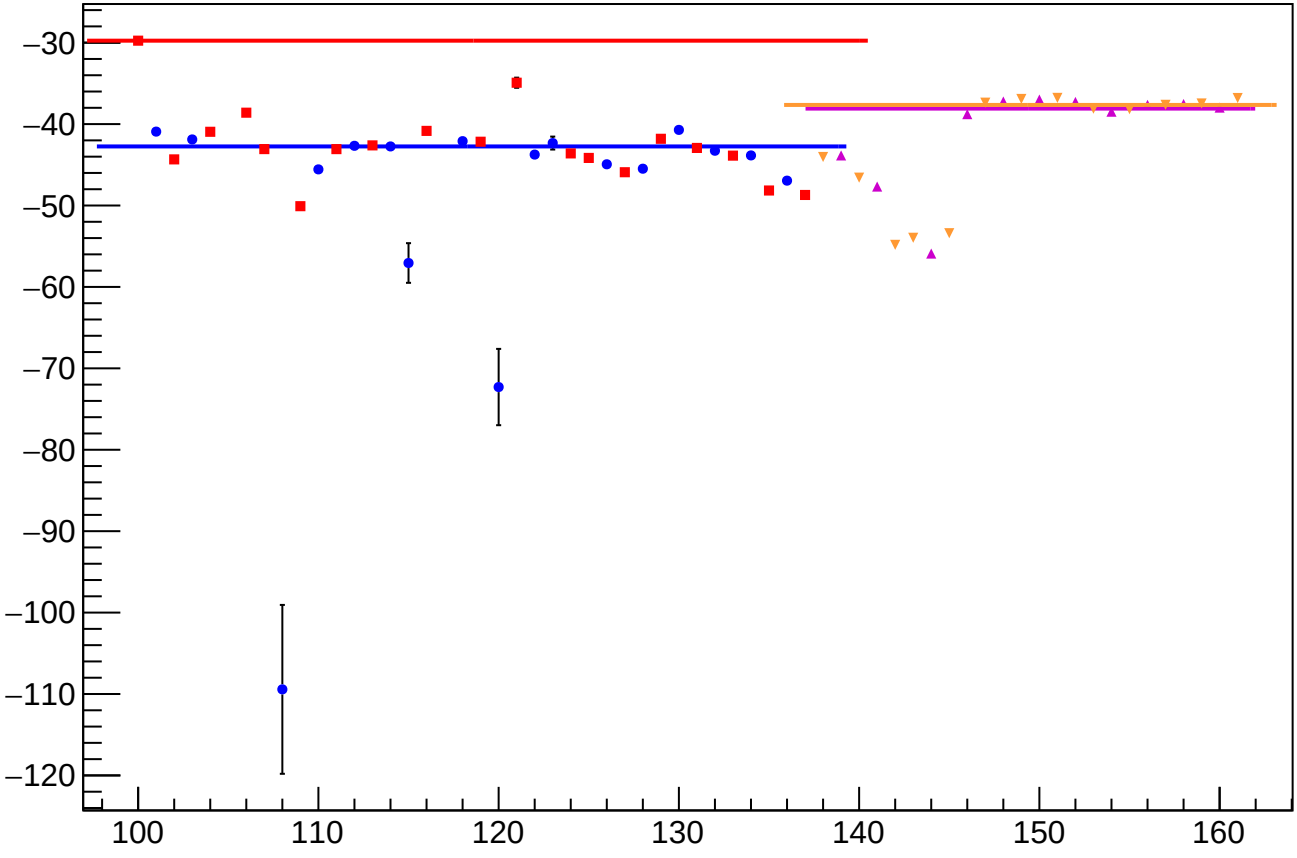
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:170923.2/27

Out: 391.503+/-0.110 χ^2/NDF:186085.3/31

All: 374.094+/-0.000 χ^2/NDF: 382114.7/59

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.646+/-0.005 χ^2/NDF:256046.3/12

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.098+/-0.005 χ^2/NDF:144869.2/10

Left: -37.848+/-0.003 χ^2/NDF: 405032.3/23

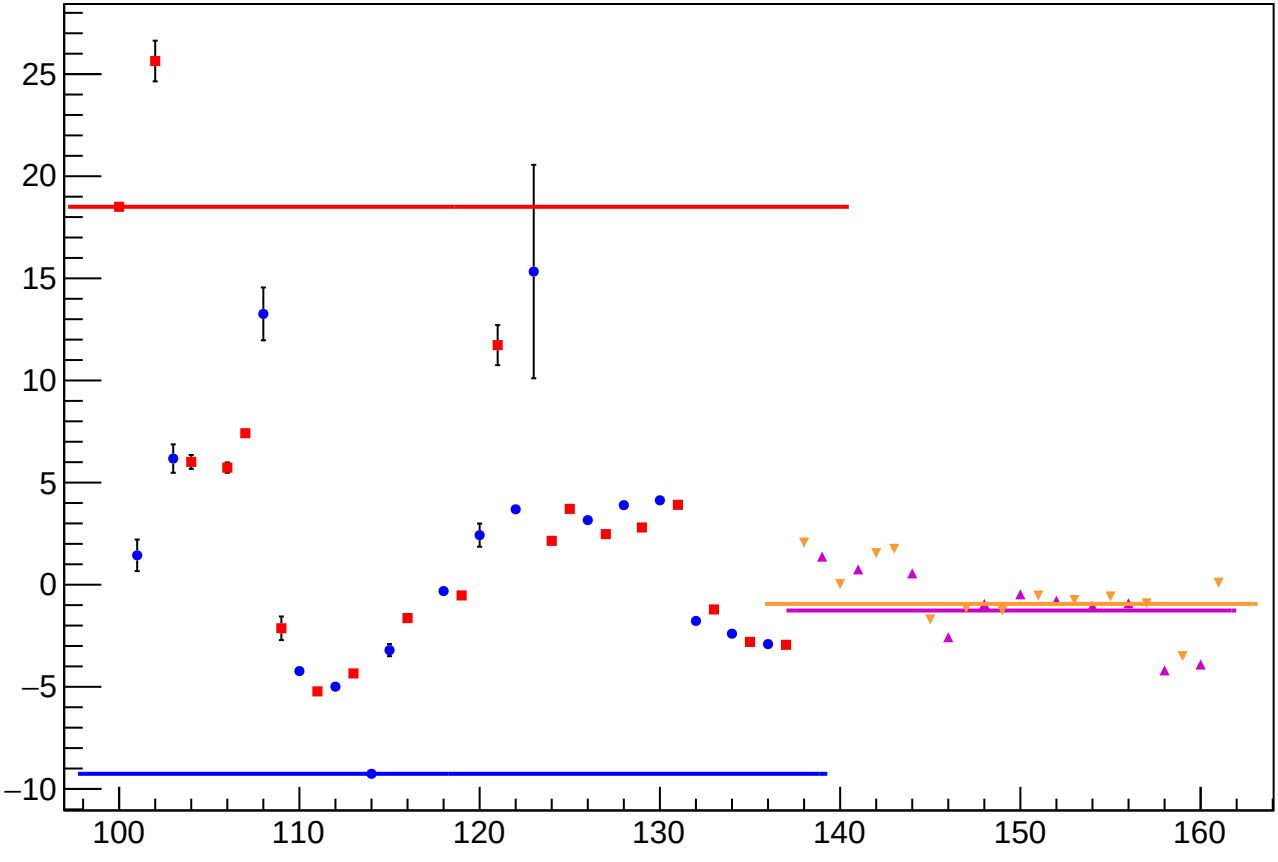
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:948751.4/27

Out: -29.754+/-0.000 χ^2/NDF:3554424.9/31

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: -0.941+/-0.008 χ^2/NDF:29510.4/12

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: -1.264+/-0.008 χ^2/NDF:42089.3/10

Left: -1.112+/-0.006 χ^2/NDF: 72426.5/23

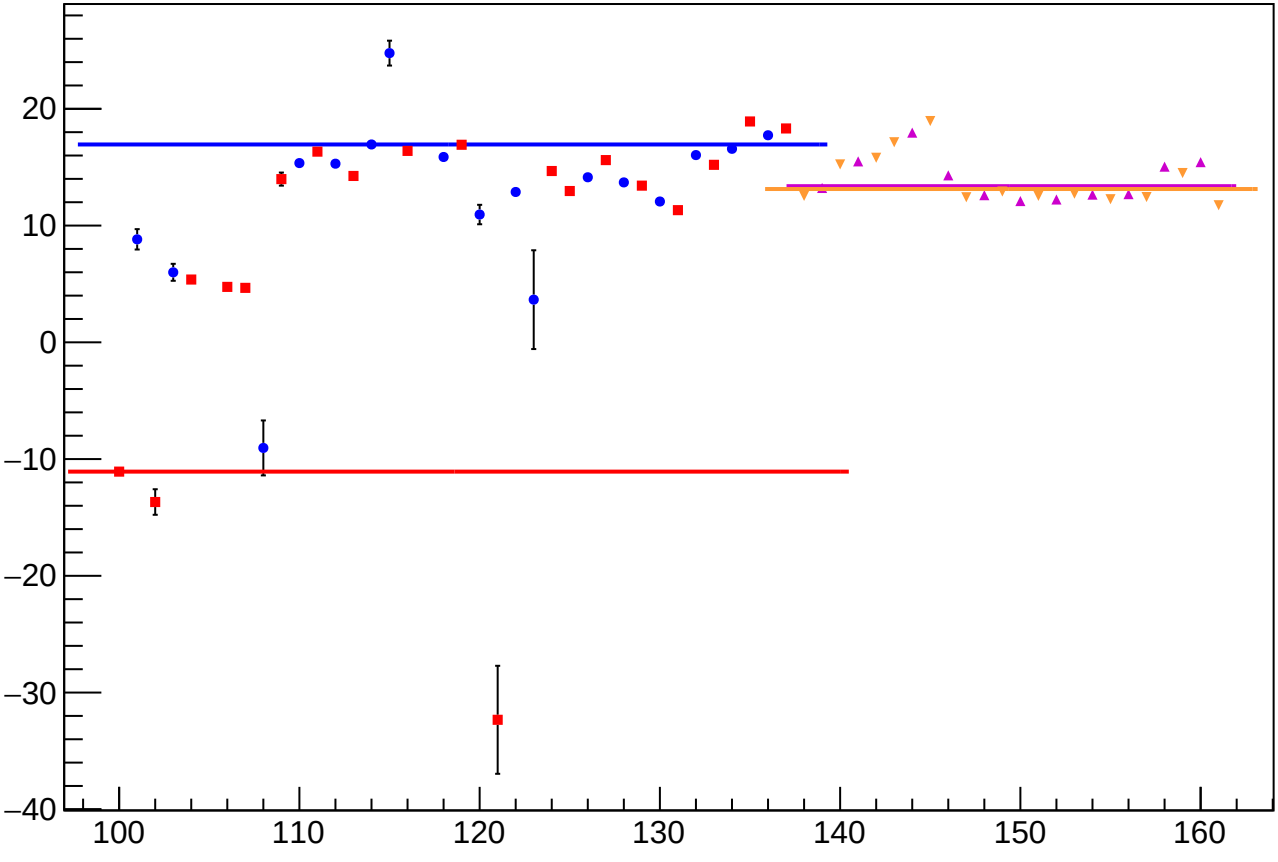
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:1524639.5/27

Out: 18.504+/-0.000 χ^2/NDF:13056300.7/31

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: 13.131+/-0.010 χ^2/NDF:15696.1/12

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 13.375+/-0.011 χ^2/NDF:16068.9/10

Left: 13.240+/-0.007 χ^2/NDF: 32040.0/23

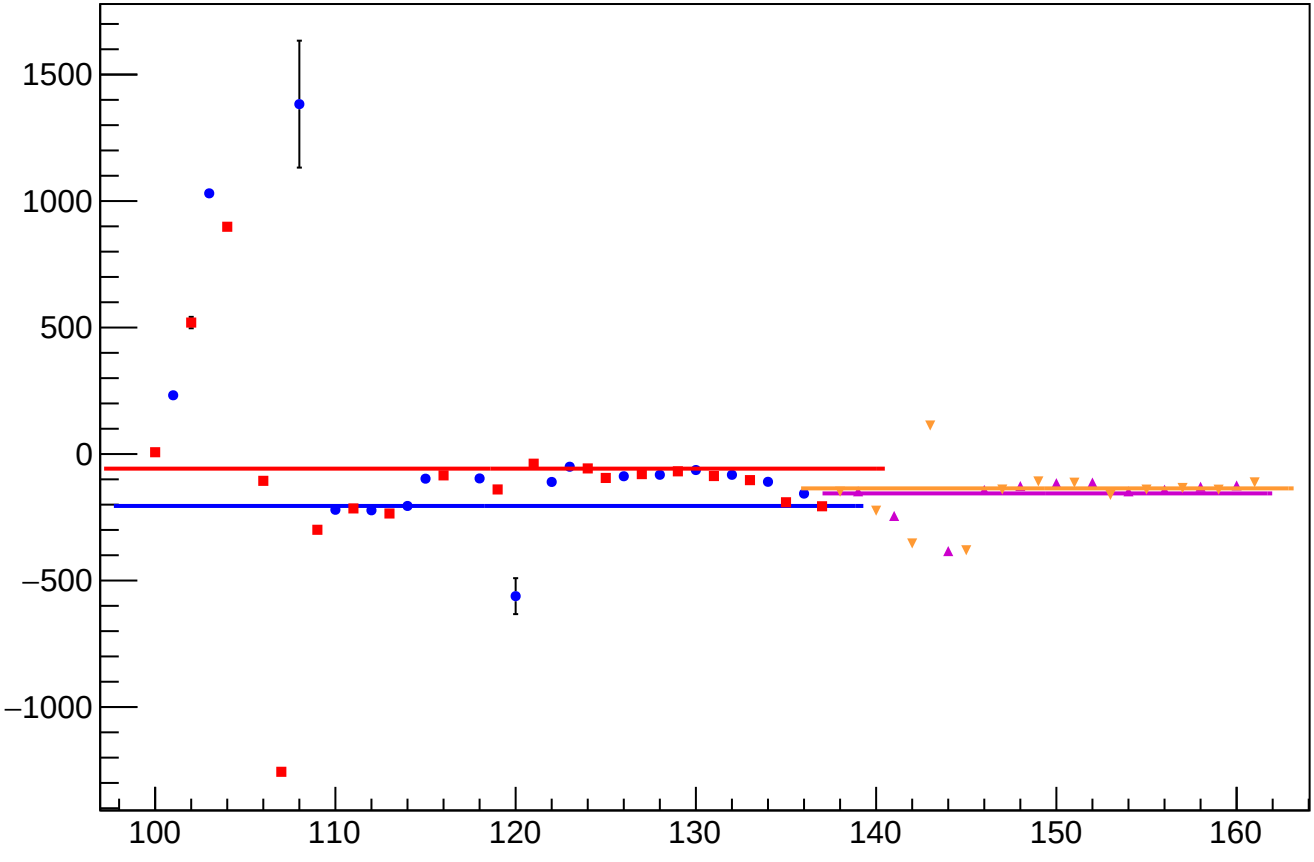
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:133573.9/27

Out: -11.075+/-0.000 χ^2/NDF:8773064.0/31

All: -2.268+/-0.000 χ^2/NDF: 469252745463

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -135.730+/-0.281 χ^2/NDF:43355.3/12

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -155.557+/-0.337 χ^2/NDF:39848.0/10

Left: -143.882+/-0.216 χ^2/NDF: 85246.4/23

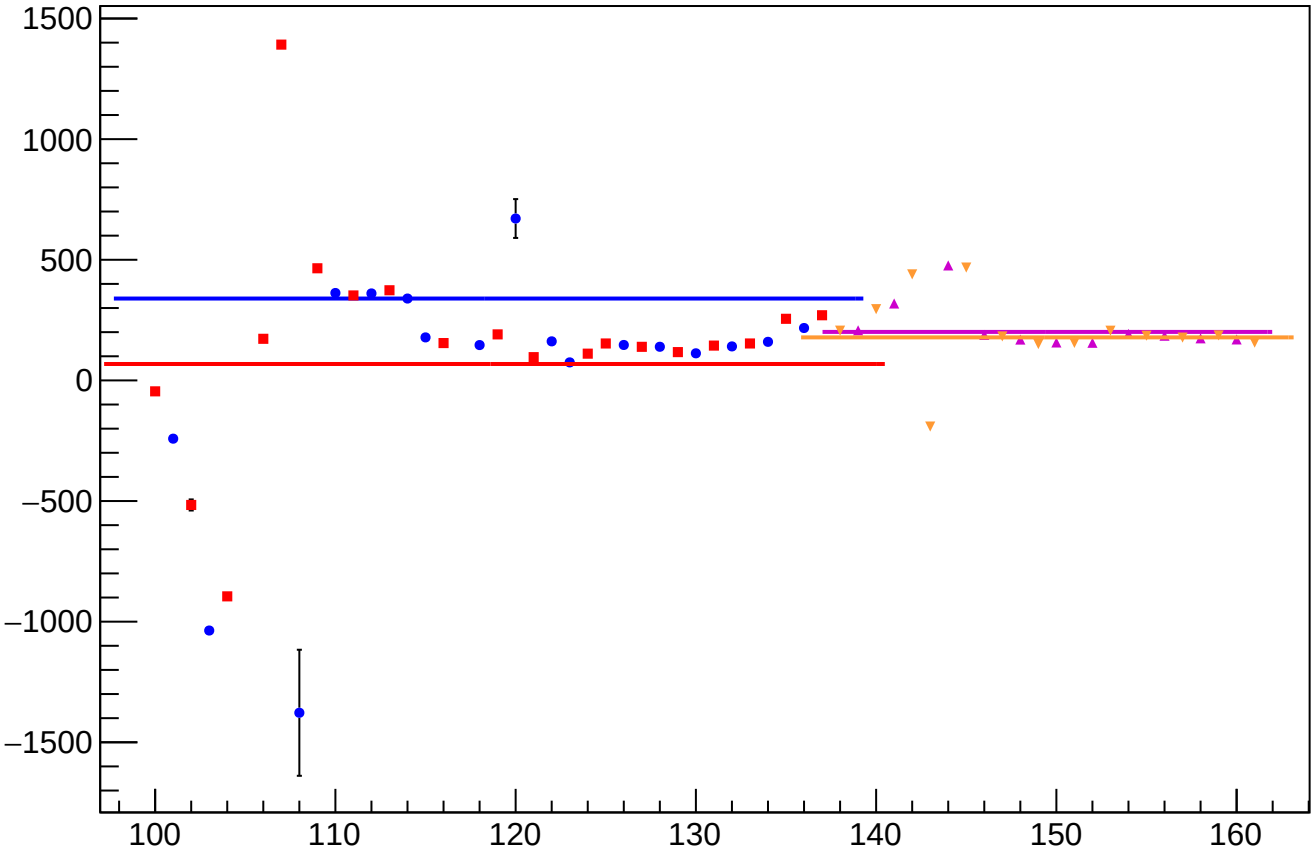
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:644340.5/27

Out: -96.994+/-0.200 χ^2/NDF:196422.4/31

All: -205.160+/-0.000 χ^2/NDF: 1134373.3/59

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 178.300+/-0.281 χ^2/NDF:79237.0/12

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 201.003+/-0.341 χ^2/NDF:46386.2/10

Left: 187.504+/-0.217 χ^2/NDF: 128264.7/23

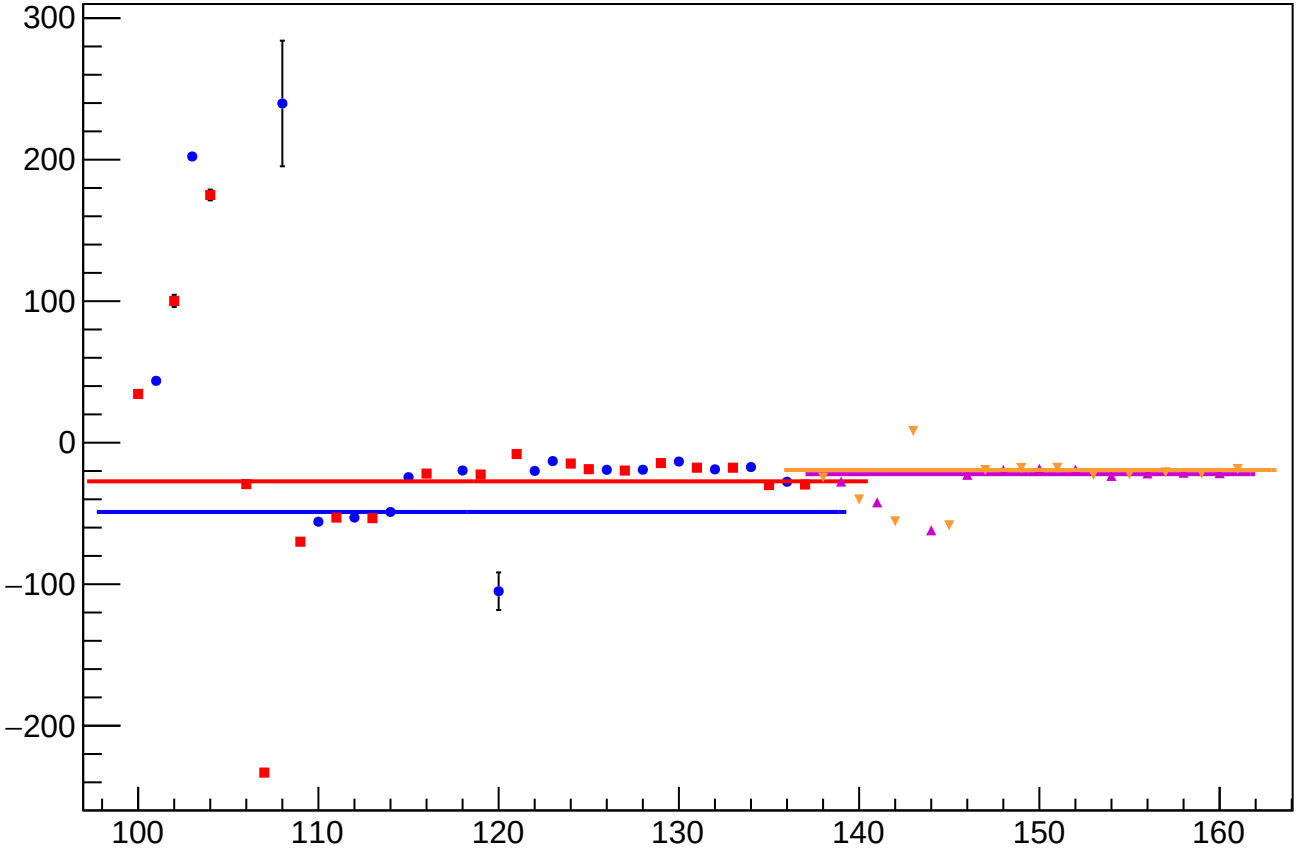
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1241904.8/27

Out: 124.099+/-0.201 χ^2/NDF:427126.1/31

All: 339.325+/-0.000 χ^2/NDF: 2820600.4/59

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -19.312+/-0.013 χ^2/NDF:564408.1/12

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -22.249+/-0.019 χ^2/NDF:119780.0/10

Left: -20.278+/-0.011 χ^2/NDF: 700268.8/23

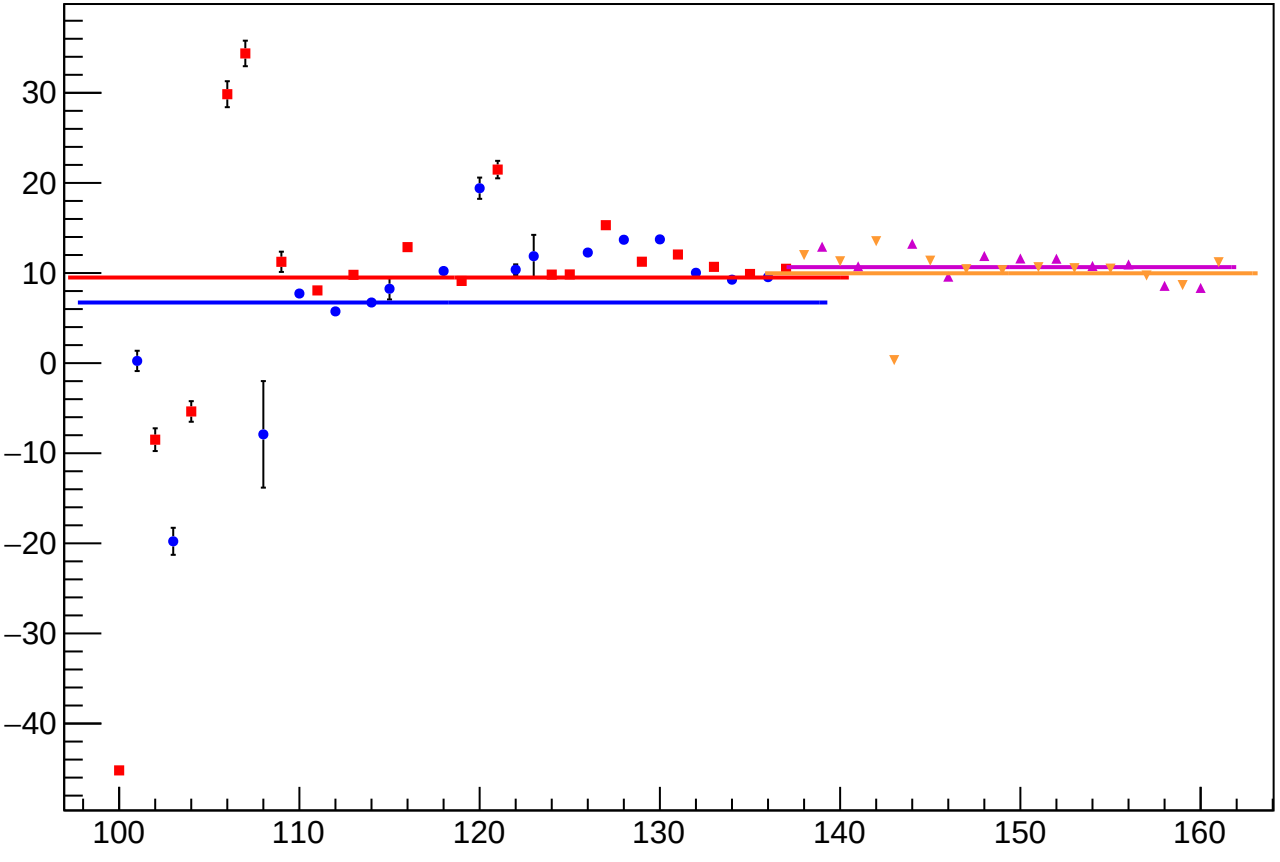
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:7508336.2/27

Out: -19.807+/-0.013 χ^2/NDF:754703.5/31

All: -48.945+/-0.000 χ^2/NDF: 13395218.3/59

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.971+/-0.019 χ^2/NDF:21829.8/12

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 10.656+/-0.016 χ^2/NDF:7882.1/10

Left: 10.374+/-0.012 χ^2/NDF: 30489.0/23

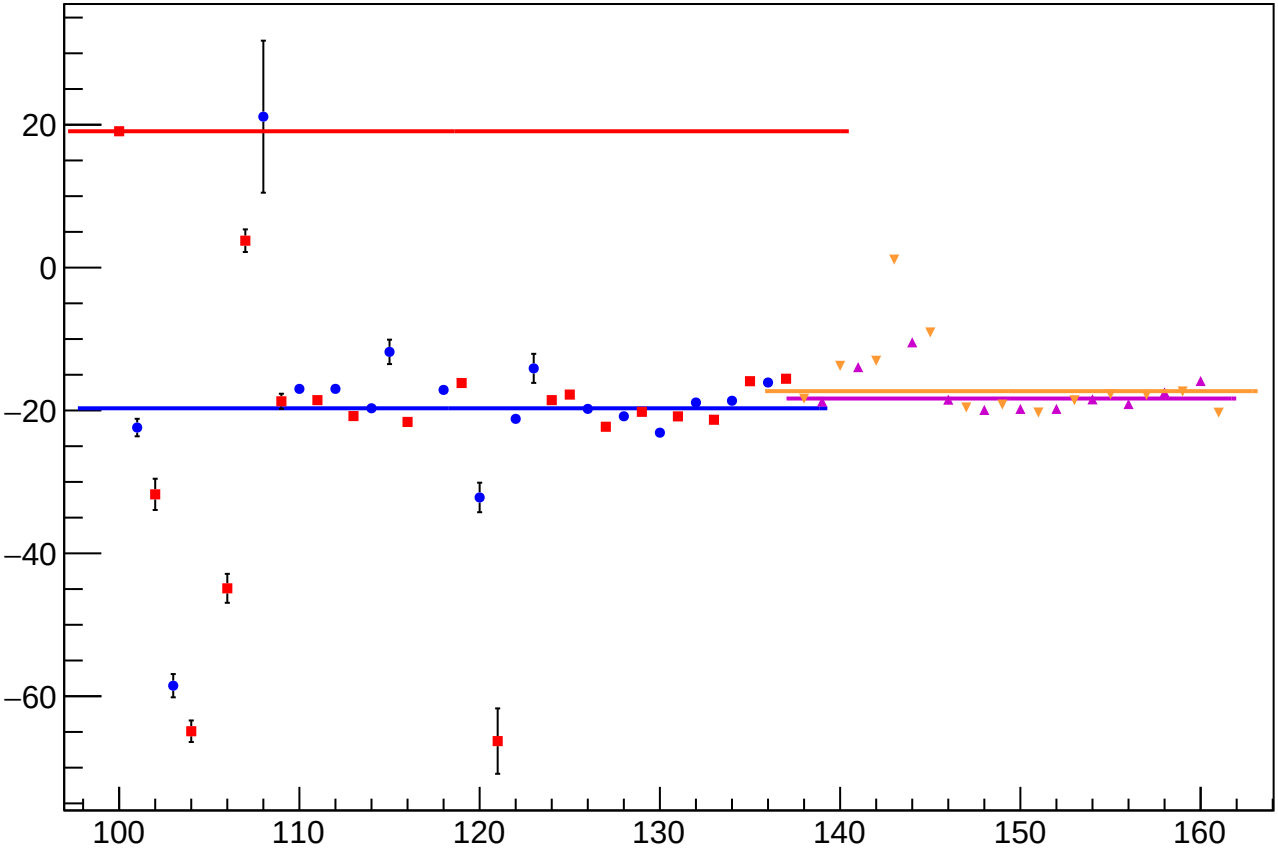
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:83696.4/27

Out: 9.868+/-0.017 χ^2/NDF:48787.5/31

All: 6.728+/-0.000 χ^2/NDF: 168044.3/59

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -17.293+/-0.022 χ^2/NDF:37474.1/12

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -18.326+/-0.021 χ^2/NDF:7186.4/10

Left: -17.832+/-0.015 χ^2/NDF: 45862.7/23

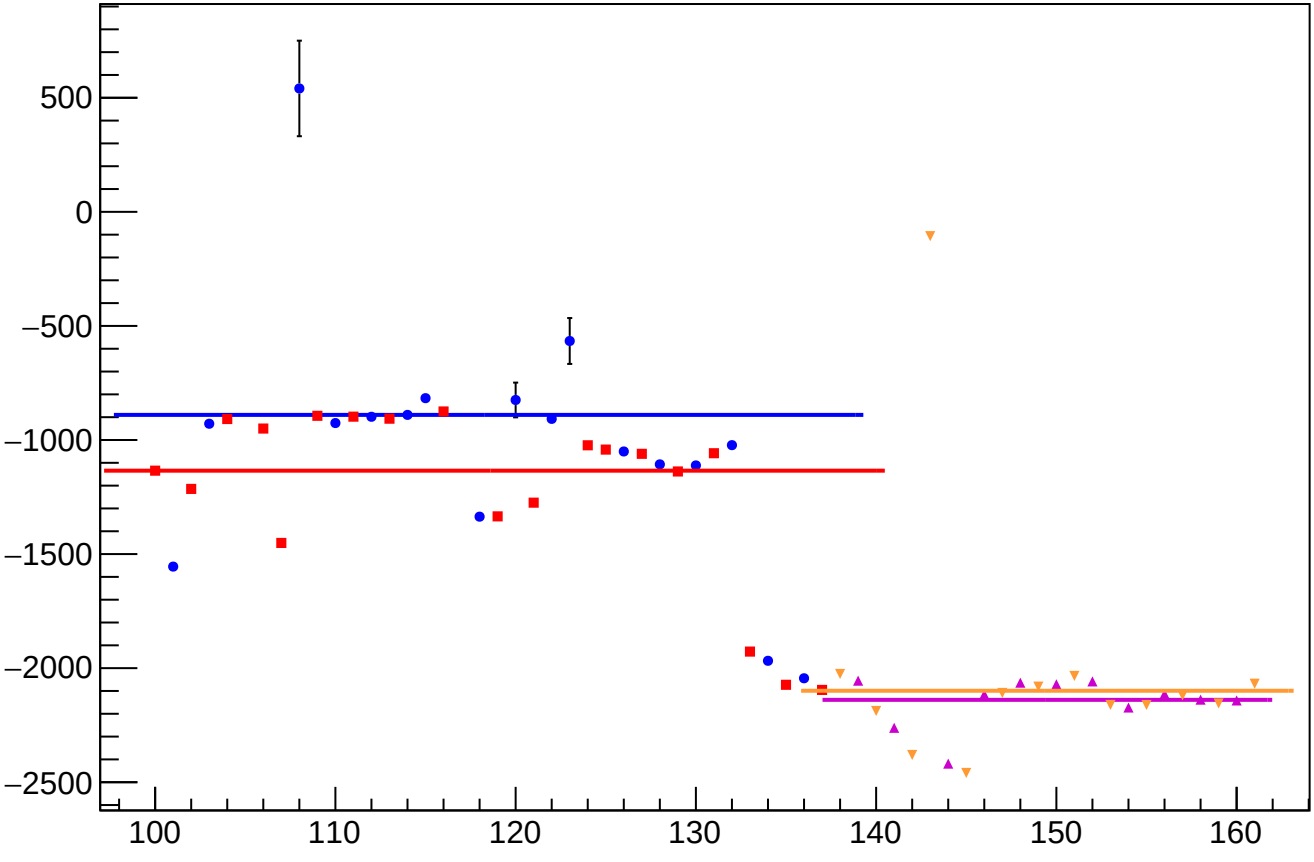
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:19160.8/27

Out: 19.086+/-0.000 χ^2/NDF:3500091.3/31

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: -2099.093+/-0.521 χ^2/NDF:265139.6/12

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2138.956+/-0.518 χ^2/NDF:31648.9/10

Left: -2119.157+/-0.367 χ^2/NDF: 299735.1/23

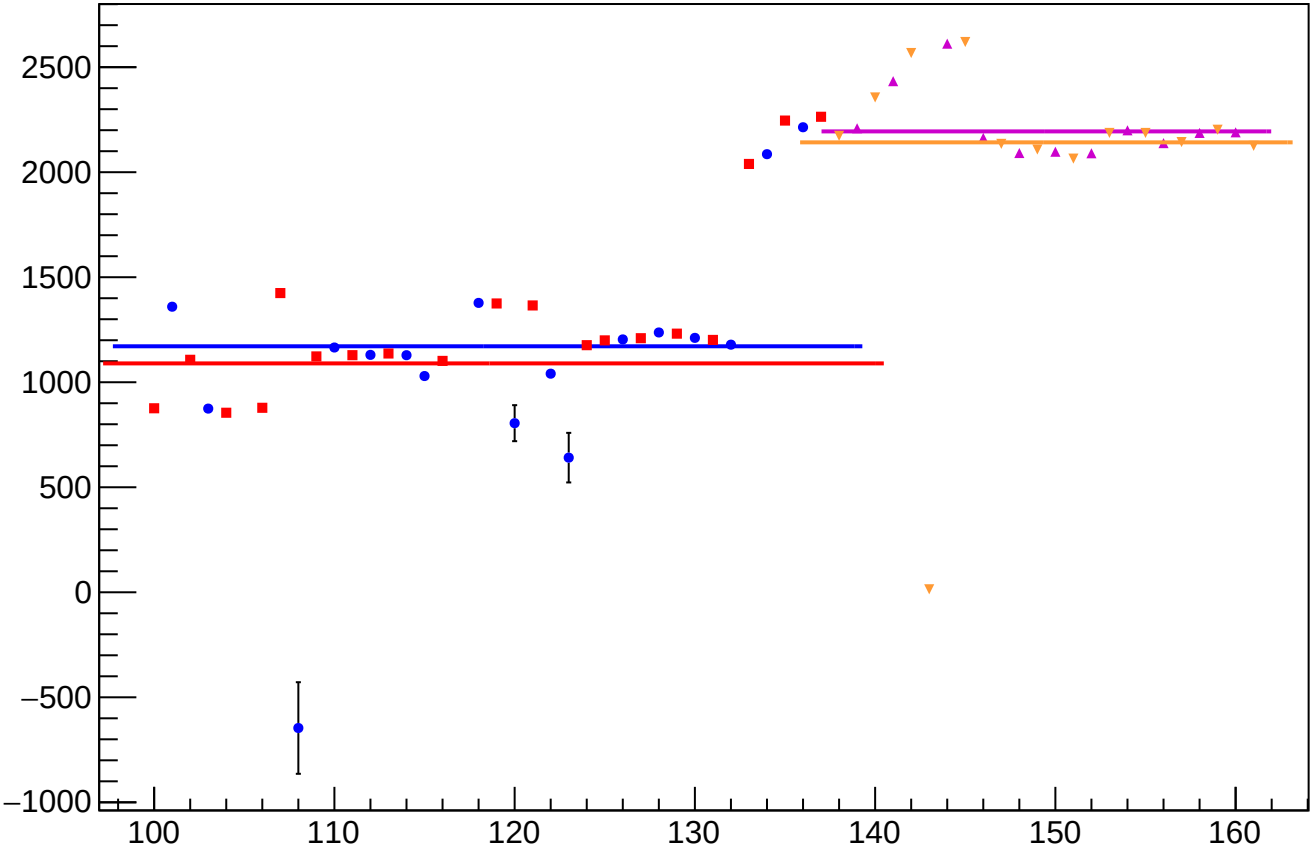
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:6631858.3/27

Out: -1134.421+/-0.000 χ^2/NDF:4427227.9/31

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: 2142.086+/-0.514 χ^2/NDF:303086.8/12

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2194.257+/-0.524 χ^2/NDF:55516.4/10

Left: 2167.657+/-0.367 χ^2/NDF: 363658.5/23

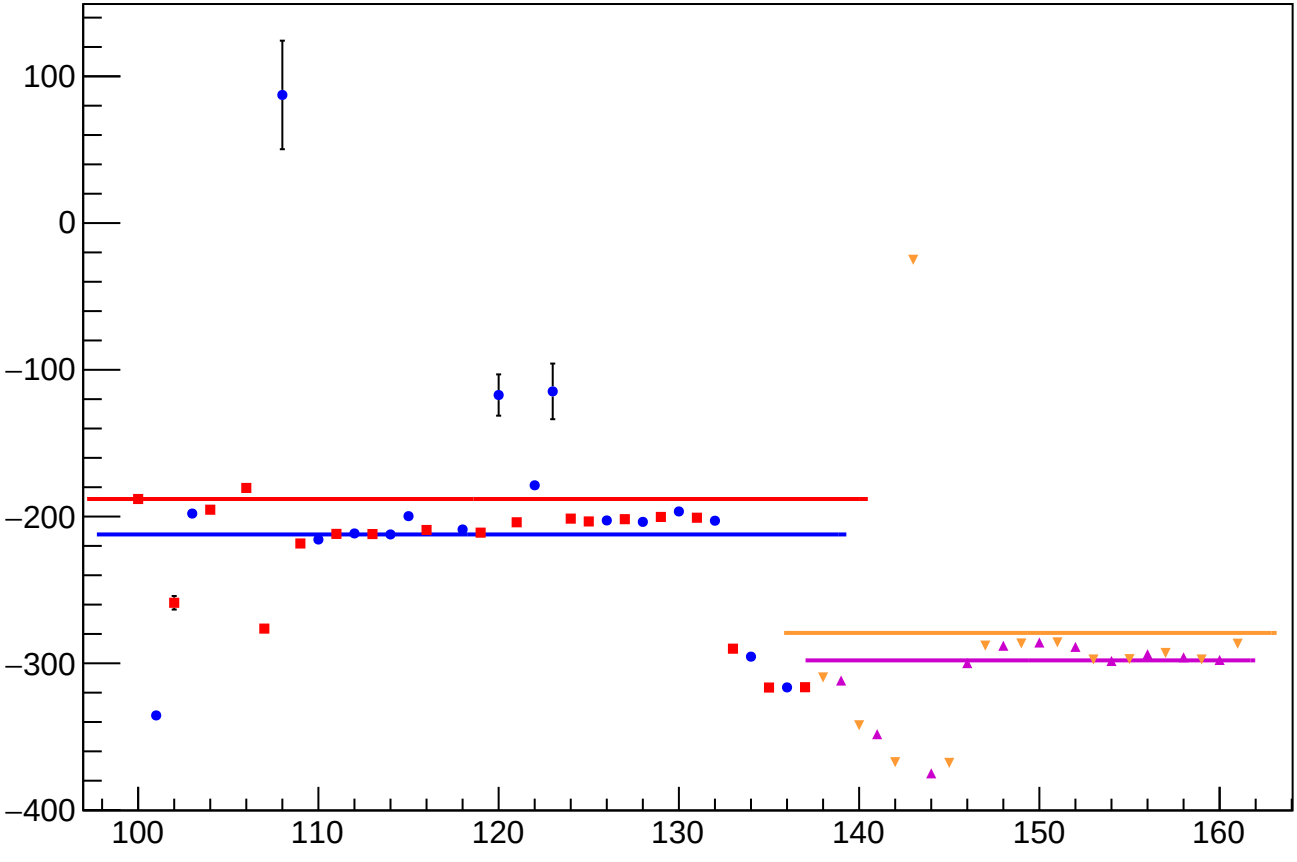
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1355.204+/-0.222 χ^2/NDF:3691357.3/27

Out: 1295.715+/-0.227 χ^2/NDF:4778570.6/31

All: 1326.131+/-0.159 χ^2/NDF: 8504954.0/59

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -279.296+/-0.028 χ^2/NDF:5744844.5/12

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -298.012+/-0.028 χ^2/NDF:275688.0/10

Left: -288.620+/-0.020 χ^2/NDF: 6244514.6/23

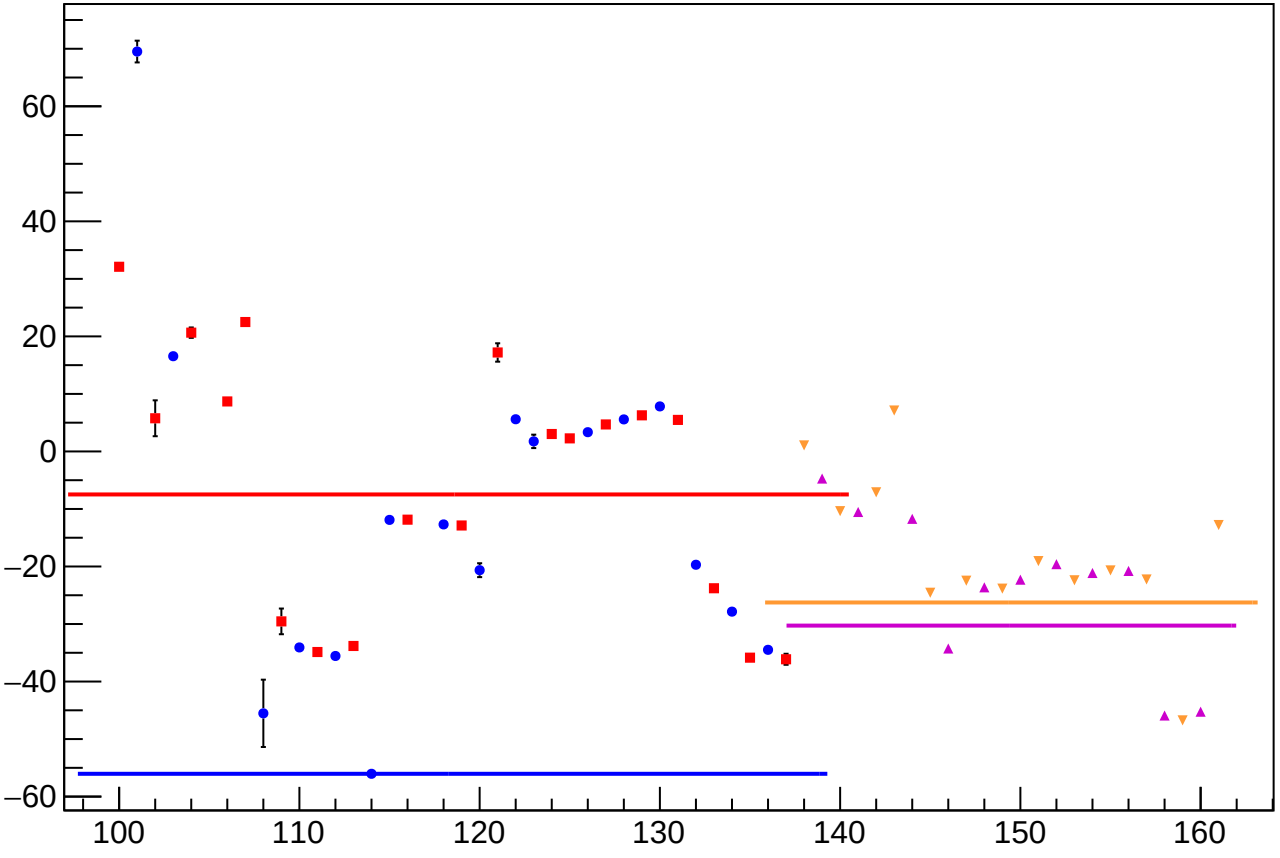
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:10809193.0/27

Out: -188.033+/-0.000 χ^2/NDF:17036960.8/31

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: -26.255+/-0.028 χ^2/NDF:204832.9/12

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -30.275+/-0.025 χ^2/NDF:284182.4/10

Left: -28.462+/-0.019 χ^2/NDF: 500378.1/23

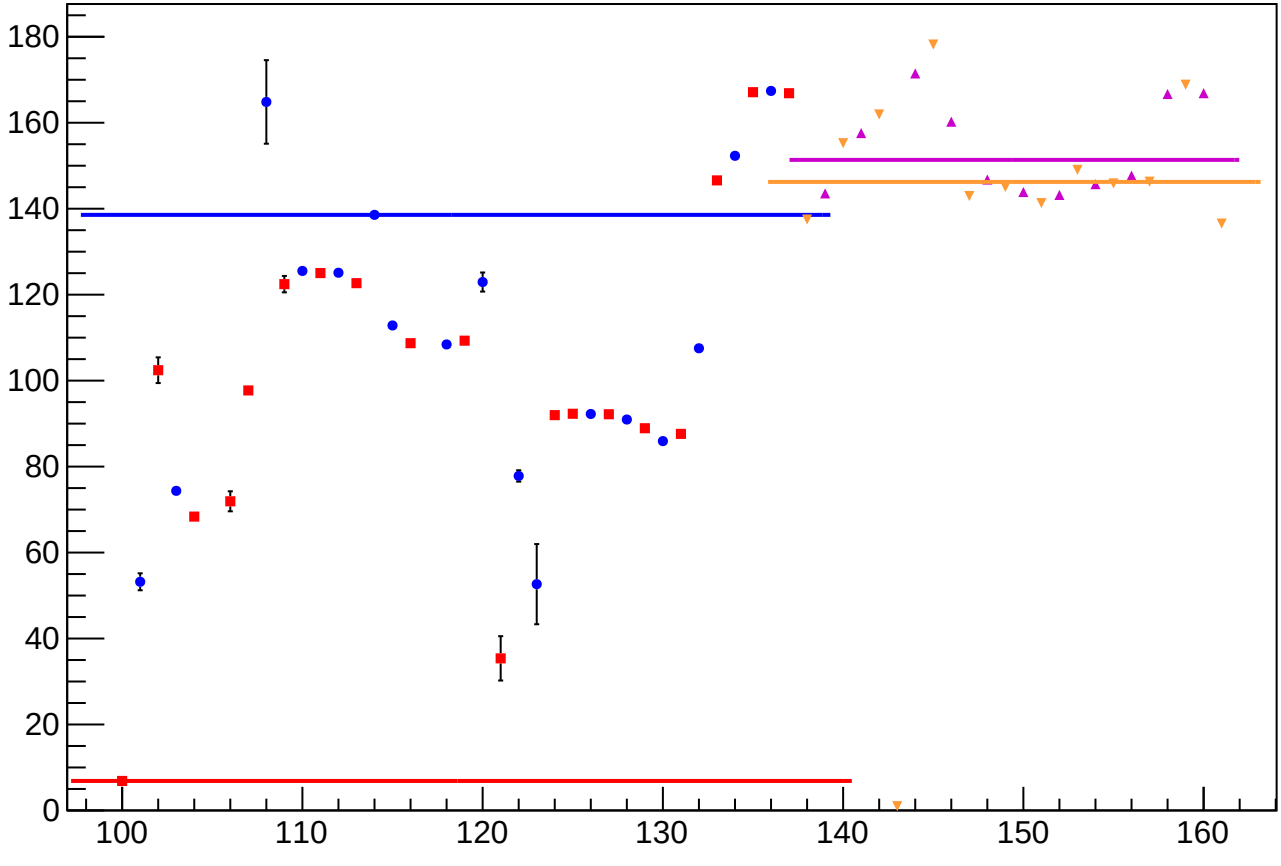
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:2903905.5/27

Out: -20.525+/-0.023 χ^2/NDF:516464.1/31

All: -56.037+/-0.000 χ^2/NDF: 5743677.0/59

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 146.236+/-0.035 χ^2/NDF:366190.3/12

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 151.359+/-0.035 χ^2/NDF:69700.7/10

Left: 148.772+/-0.025 χ^2/NDF: 446529.7/23

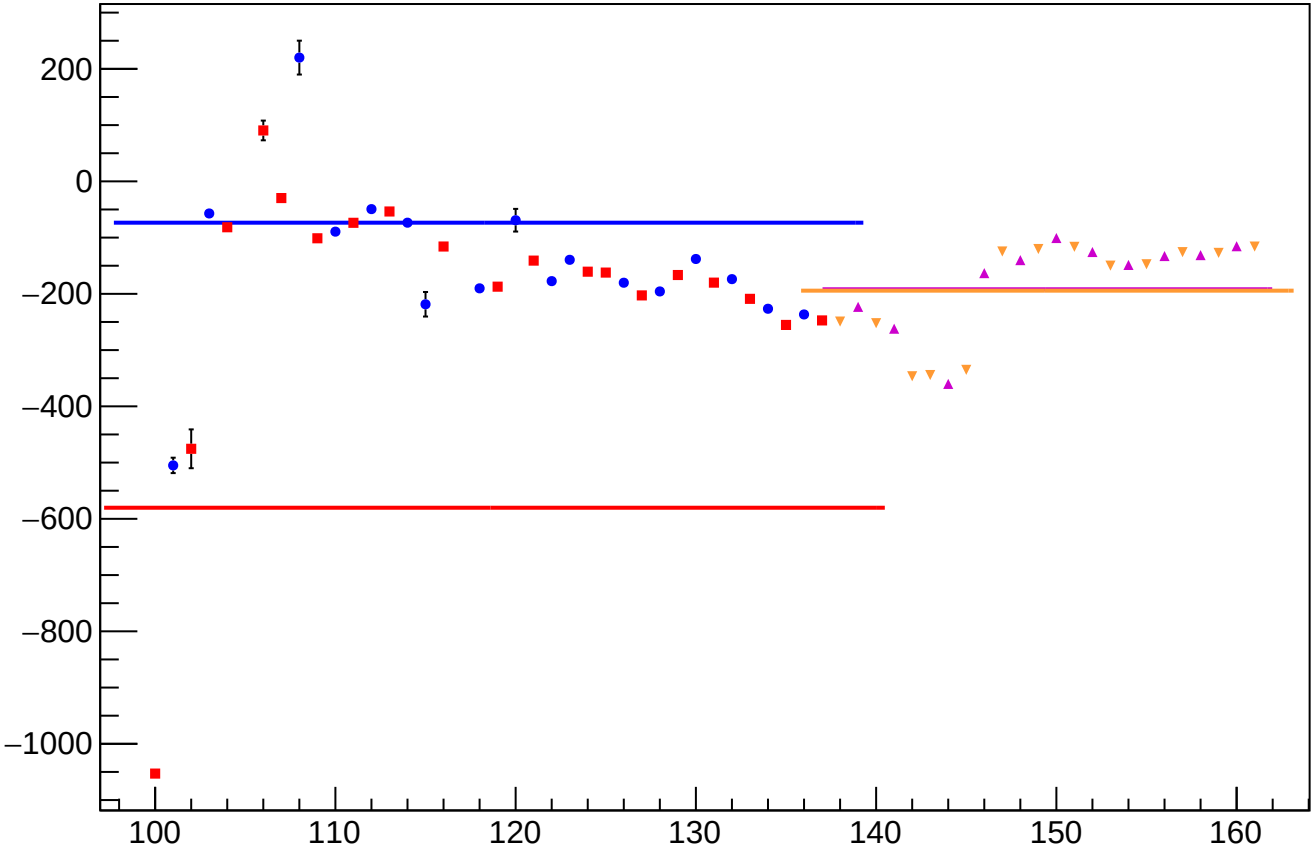
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:1102239.3/27

Out: 6.866+/-0.000 χ^2/NDF:24317409.2/31

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: -194.336+/-0.322 χ^2/NDF:63805.3/12

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -191.826+/-0.356 χ^2/NDF:56005.8/10

Left: -193.207+/-0.239 χ^2/NDF: 119838.5/23

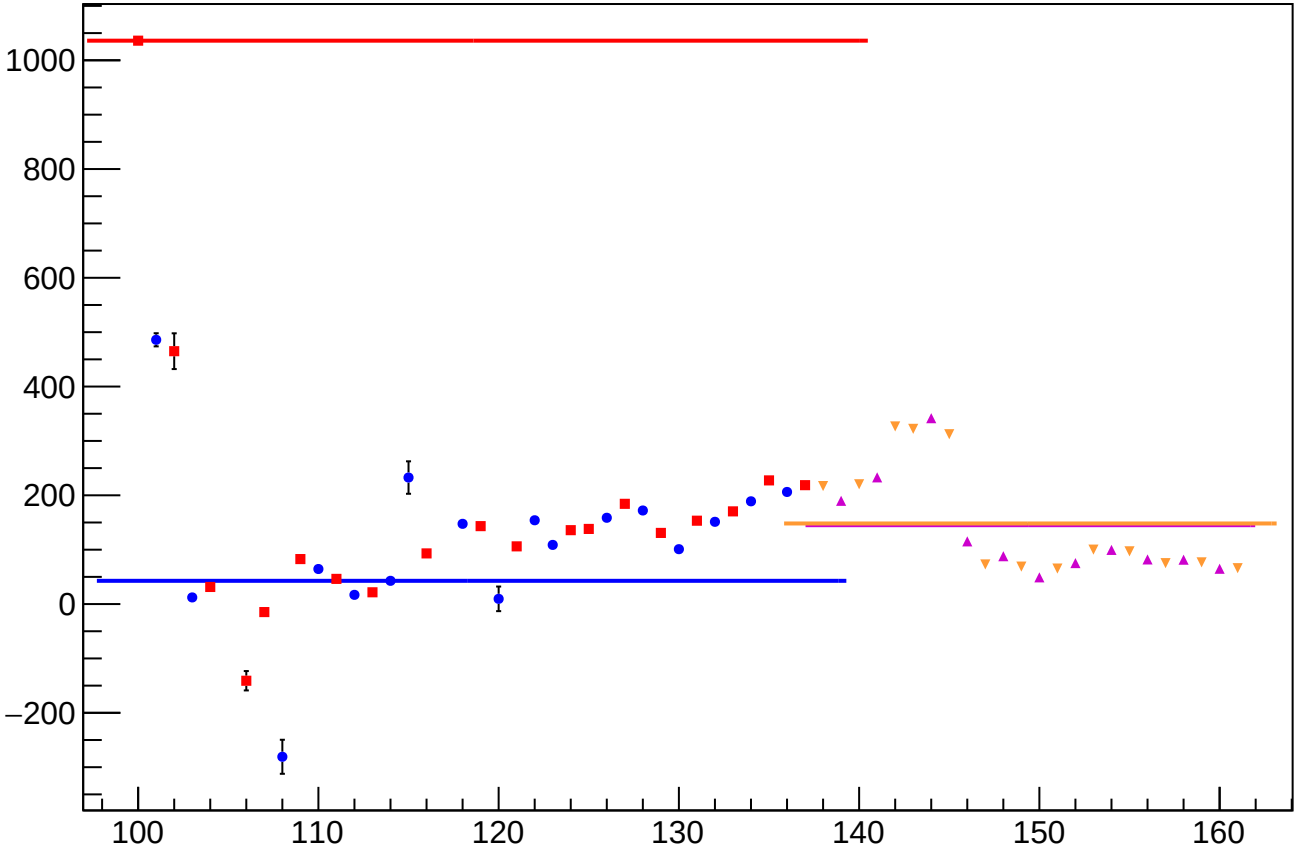
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:265284.4/27

Out: -427.161+/-0.203 χ^2/NDF:3963168.2/31

All: -73.485+/-0.000 χ^2/NDF: 7273528.9/59

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 148.200+/-0.326 χ^2/NDF:78462.1/12

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 145.032+/-0.364 χ^2/NDF:65359.5/10

Left: 146.789+/-0.243 χ^2/NDF: 143863.6/23

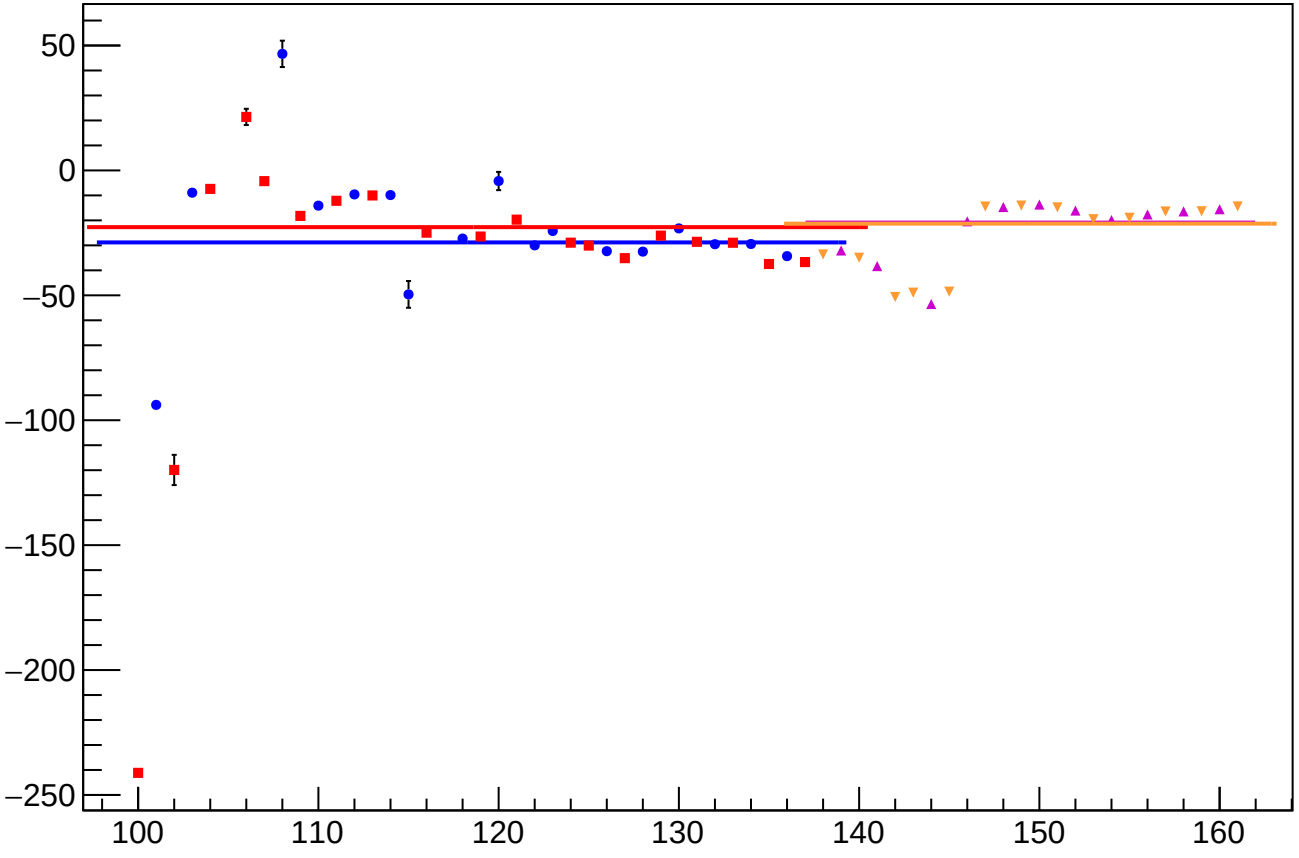
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:229035.8/27

Out: 1036.068+/-0.000 χ^2/NDF:12434557.1/31

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: -21.318+/-0.016 χ^2/NDF:344135.1/12

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -20.881+/-0.020 χ^2/NDF:187232.8/10

Left: -21.151+/-0.013 χ^2/NDF: 531653.5/23

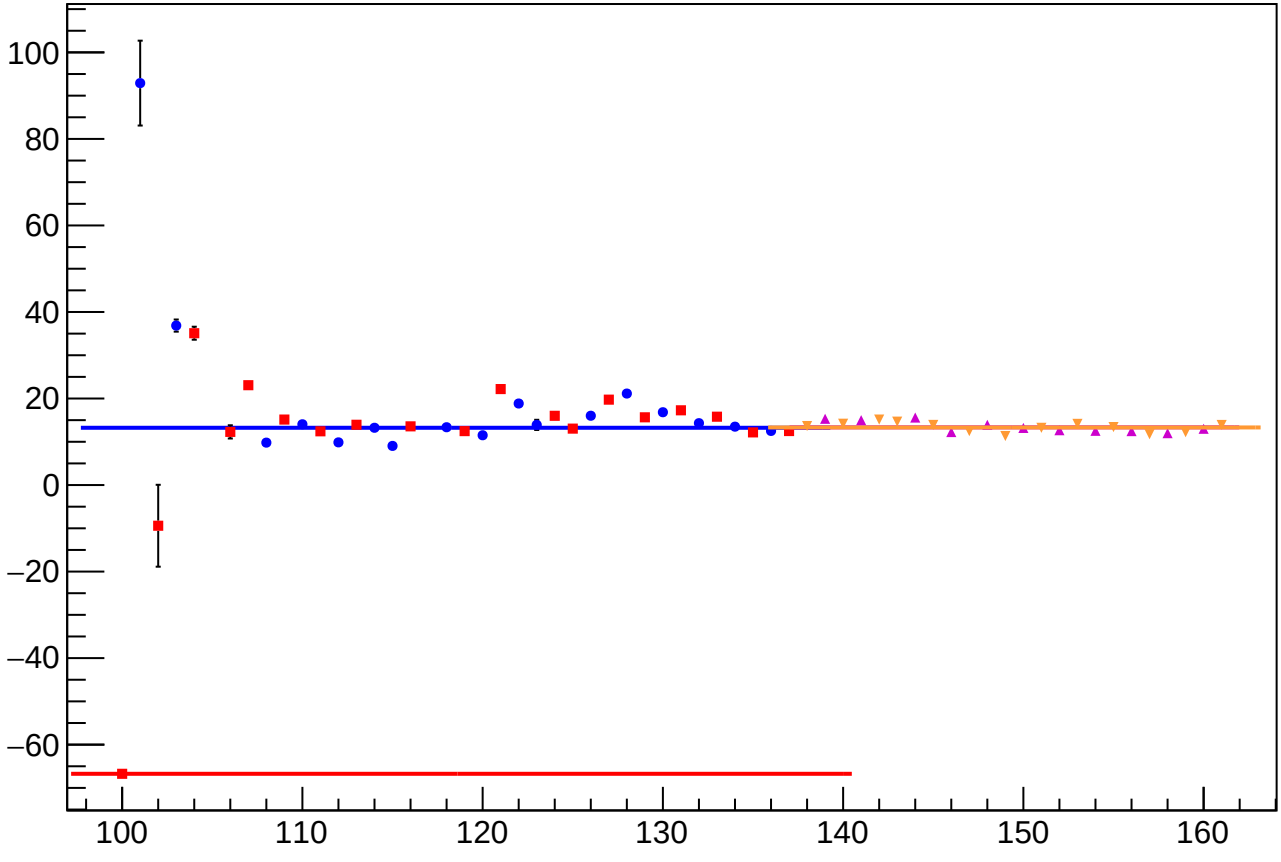
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -22.907+/-0.018 χ^2/NDF:275661.1/27

Out: -21.525+/-0.015 χ^2/NDF:755442.3/31

All: -22.095+/-0.011 χ^2/NDF: 1034747.7/59

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.313+/-0.016 χ^2/NDF:3827.2/12

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 13.336+/-0.017 χ^2/NDF:4408.1/10

Left: 13.324+/-0.012 χ^2/NDF: 8236.1/23

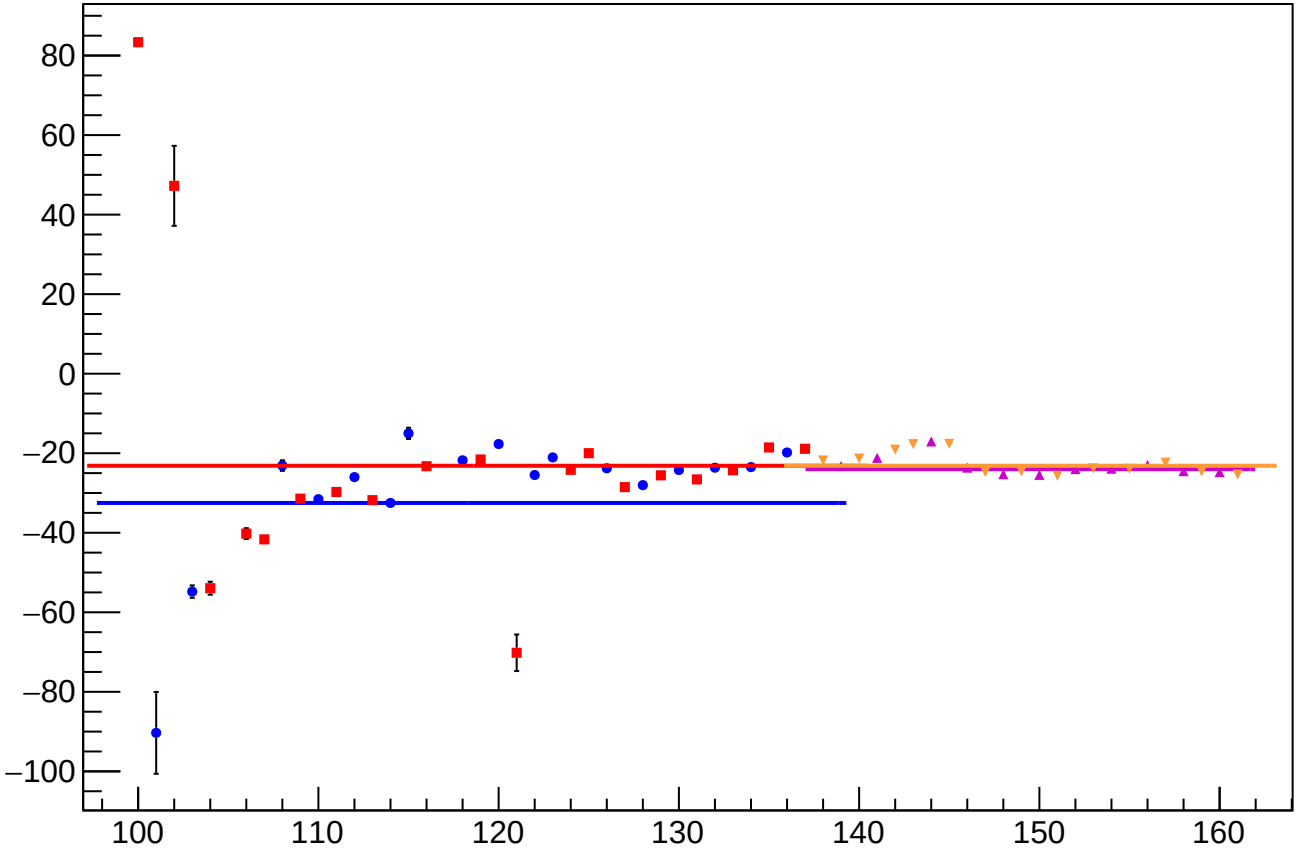
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:10196.1/27

Out: -66.739+/-0.000 χ^2/NDF:27333073.2/31

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: -23.144+/-0.022 χ^2/NDF:12200.9/12

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.005+/-0.020 χ^2/NDF:6127.3/10

Left: -23.623+/-0.015 χ^2/NDF: 19153.7/23

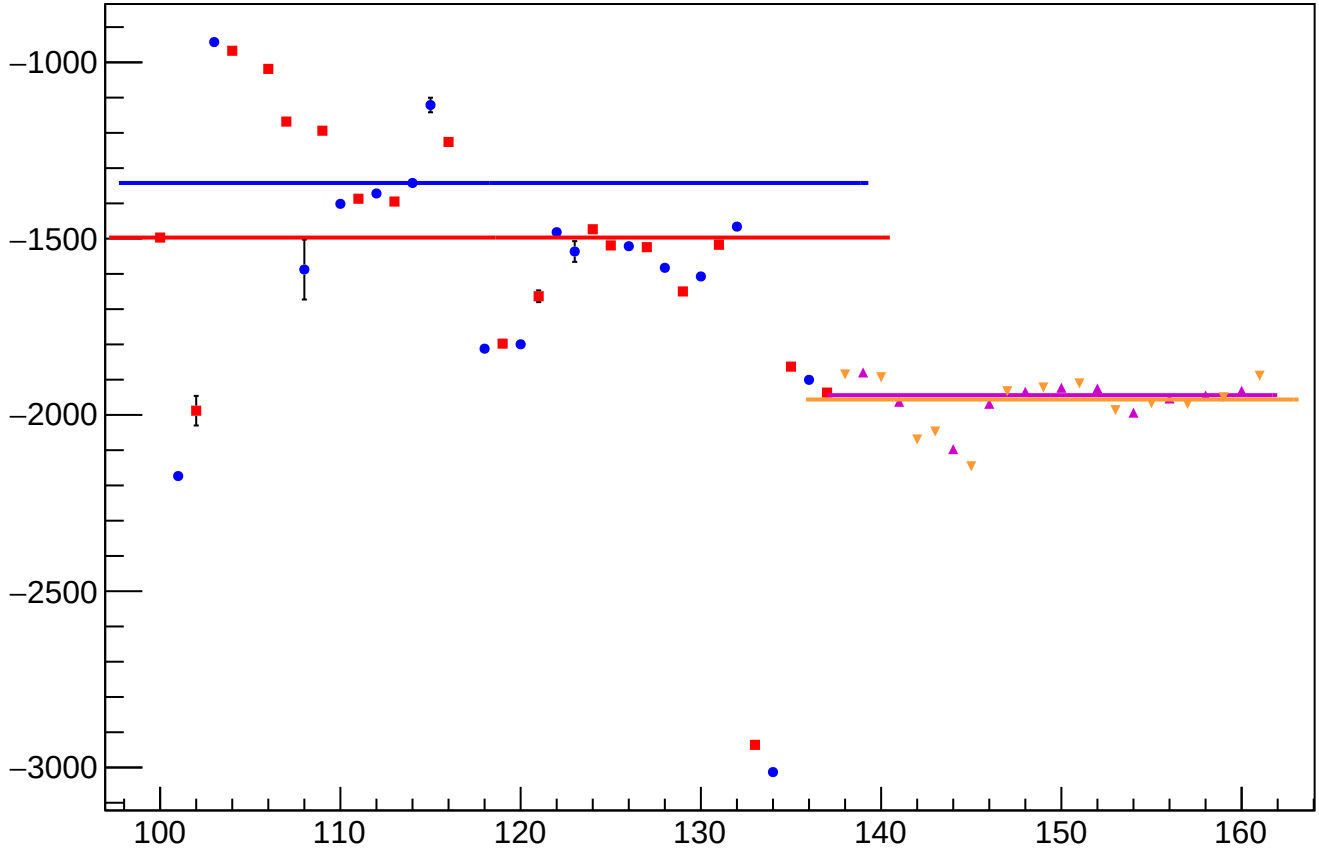
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:261826.9/27

Out: -23.146+/-0.020 χ^2/NDF:102950.3/31

All: -32.504+/-0.000 χ^2/NDF: 579198.3/59

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1956.304+/-0.443 χ^2/NDF:15077.0/12

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1943.933+/-0.353 χ^2/NDF:15866.6/10

Left: -1948.729+/-0.276 χ^2/NDF: 31420.3/23

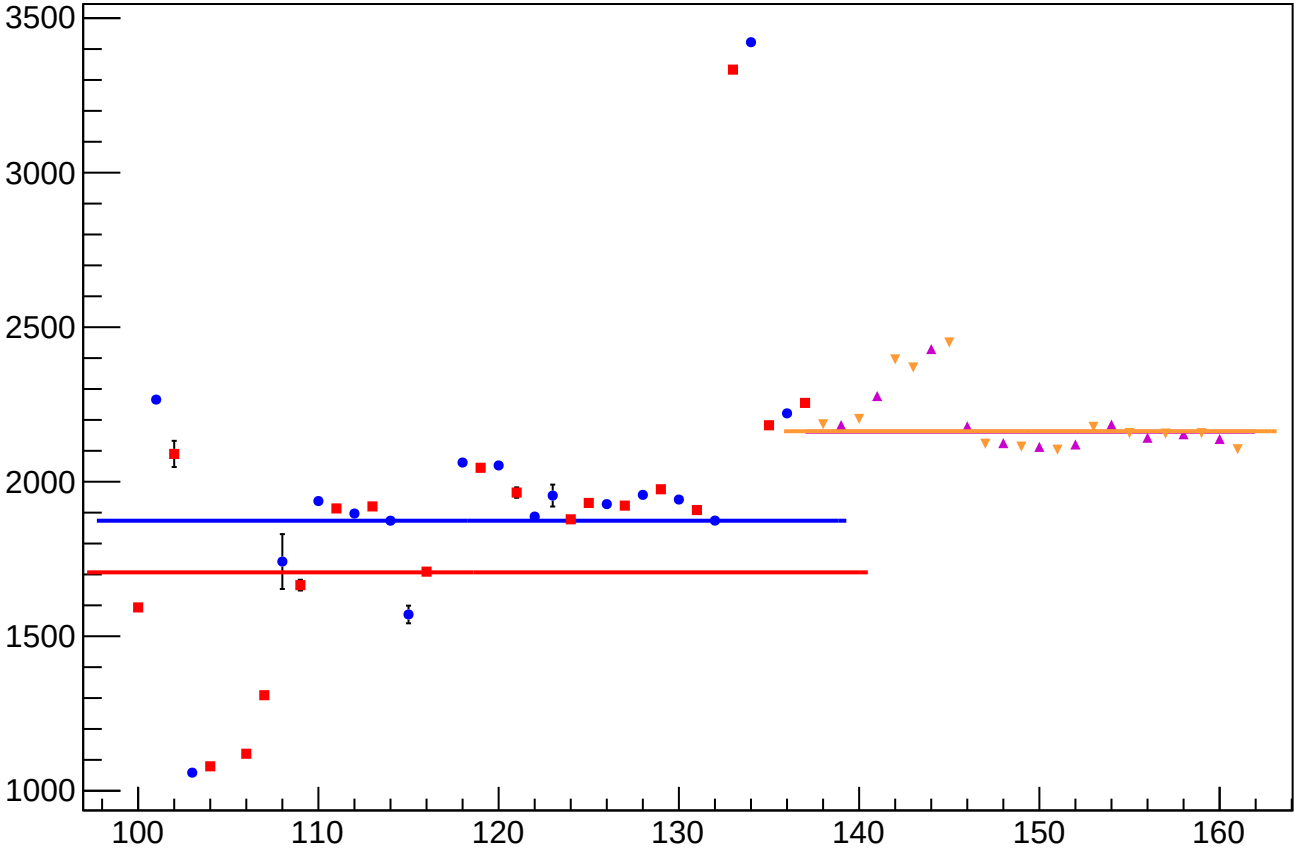
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:3297650.5/27

Out: -1496.932+/-0.000 χ^2/NDF:1593549.5/31

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2163.328+/-0.445 χ^2/NDF:28000.4/12

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2161.712+/-0.354 χ^2/NDF:36554.6/10

Left: 2162.338+/-0.277 χ^2/NDF: 64563.1/23

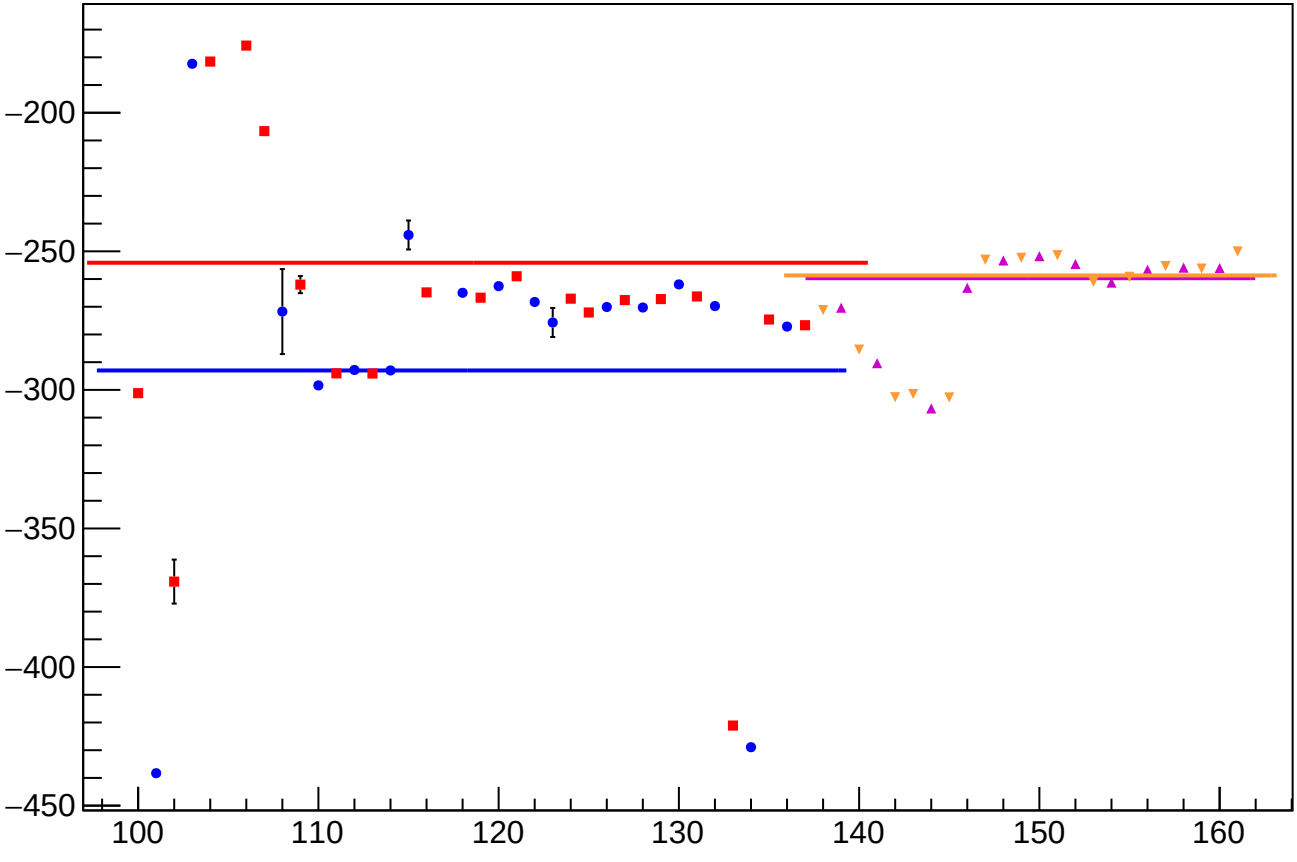
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:900550.1/27

Out: 1850.968+/-0.250 χ^2/NDF:1586110.0/31

All: 1873.852+/-0.000 χ^2/NDF: 2495031.1/59

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -258.699+/-0.024 χ^2/NDF:204721.5/12

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -259.703+/-0.021 χ^2/NDF:240310.3/10

Left: -259.269+/-0.016 χ^2/NDF: 446000.8/23

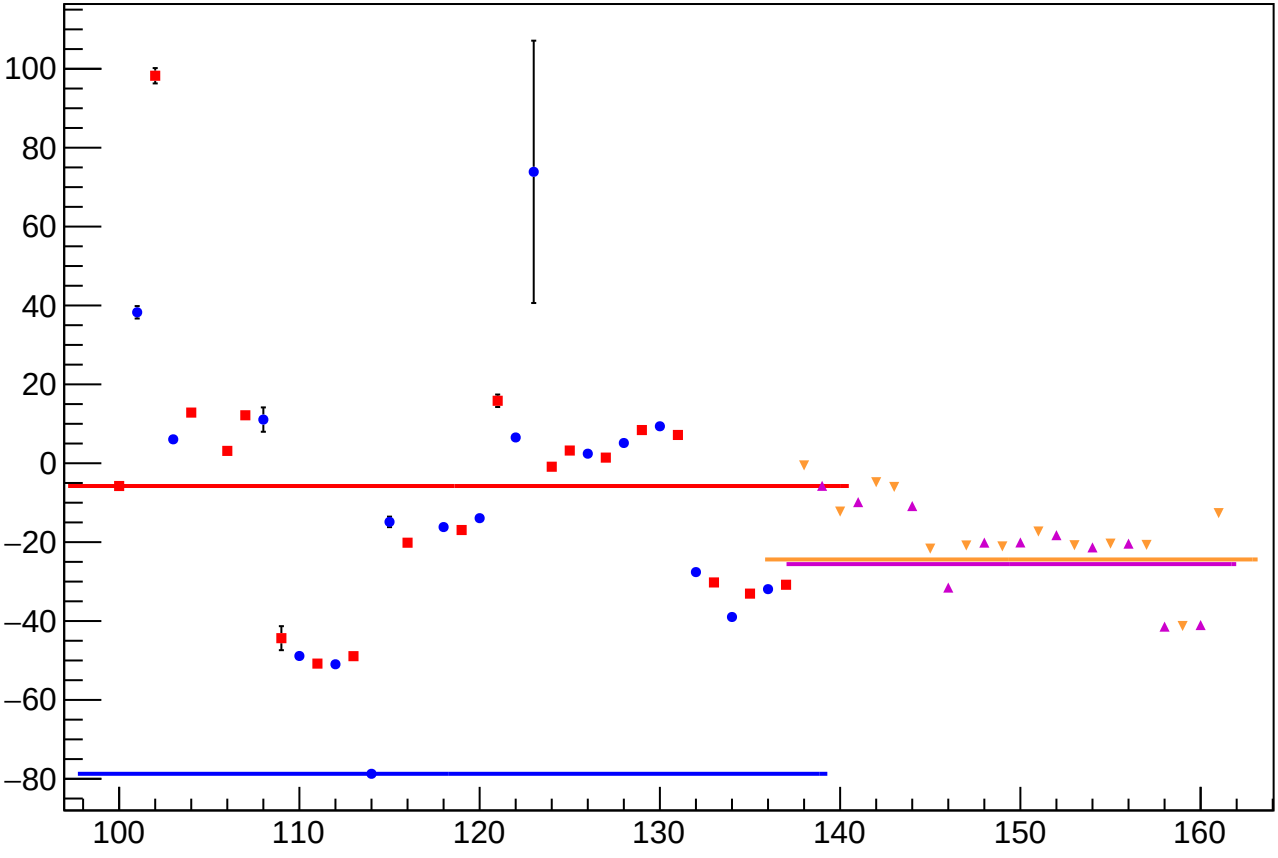
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:3714460.9/27

Out: -258.035+/-0.022 χ^2/NDF:712532.7/31

All: -292.986+/-0.000 χ^2/NDF: 6846034.3/59

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -24.389+/-0.026 χ^2/NDF:159472.3/12

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -25.571+/-0.021 χ^2/NDF:283864.9/10

Left: -25.113+/-0.016 χ^2/NDF: 444579.1/23

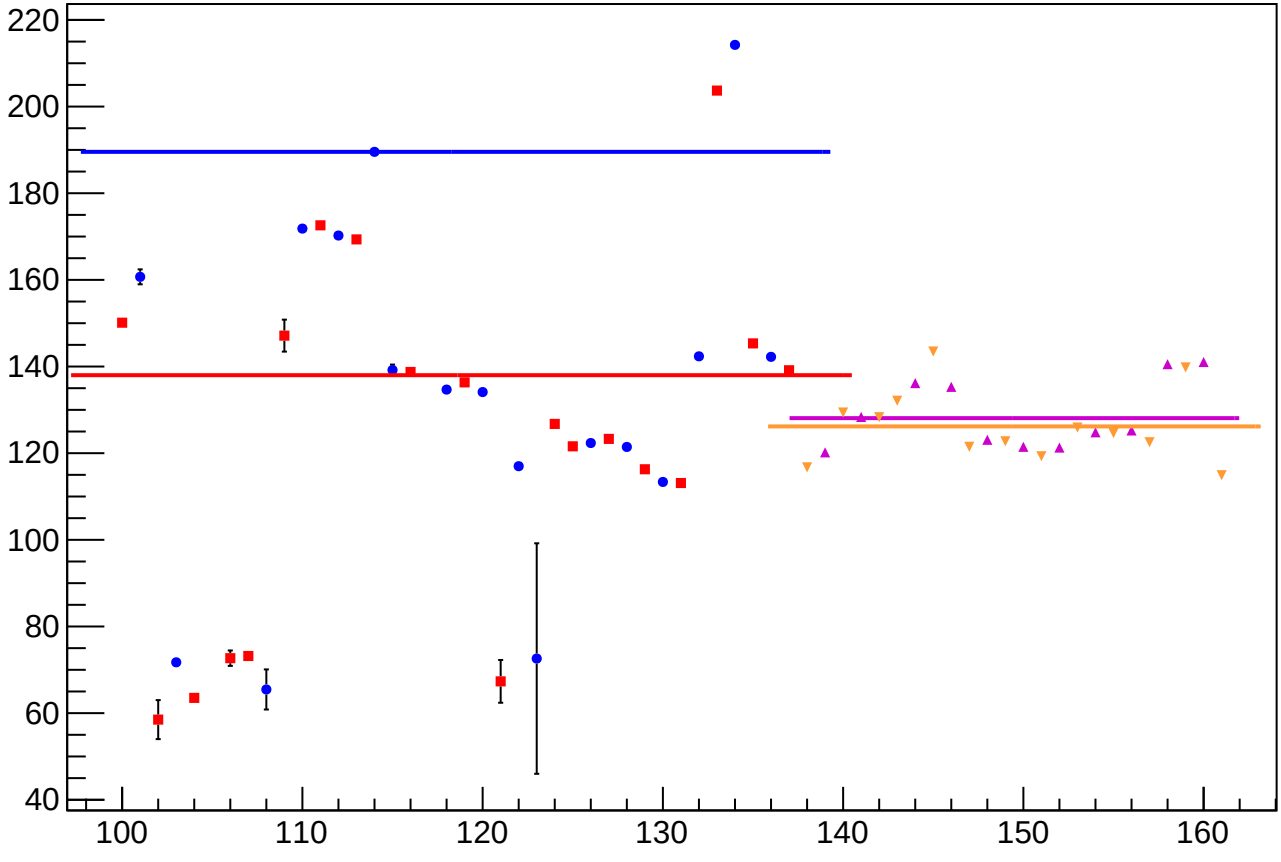
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:8161902.8/27

Out: -5.769+/-0.000 χ^2/NDF:774219.1/31

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: 126.177+/-0.030 χ^2/NDF:47316.1/12

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 128.089+/-0.030 χ^2/NDF:67179.7/10

Left: 127.127+/-0.021 χ^2/NDF: 116474.6/23

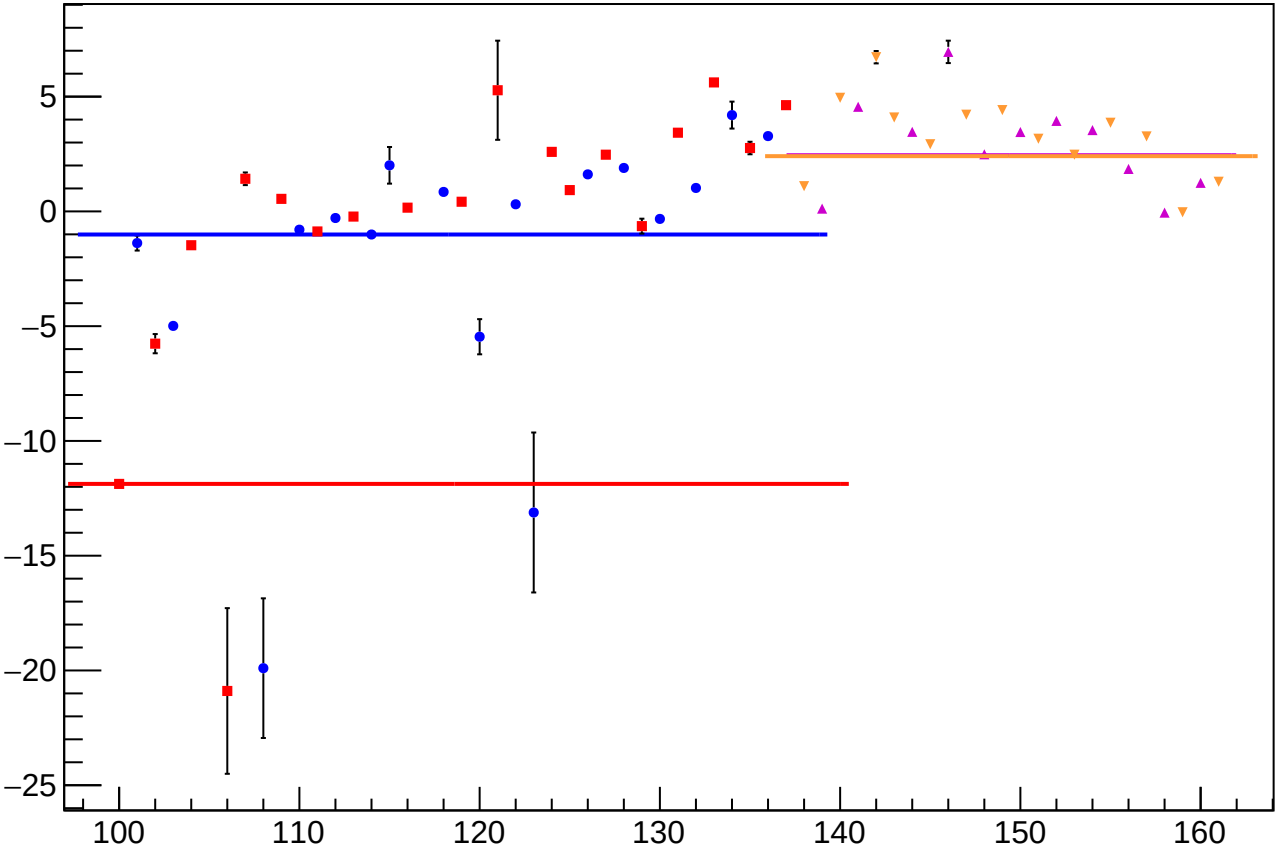
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:5060900.1/27

Out: 128.638+/-0.027 χ^2/NDF:196412.6/31

All: 189.551+/-0.000 χ^2/NDF: 10369225.2/59

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.407+/-0.027 χ^2/NDF:4866.6/12

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.448+/-0.020 χ^2/NDF:6145.9/10

Left: 2.434+/-0.016 χ^2/NDF: 11014.0/23

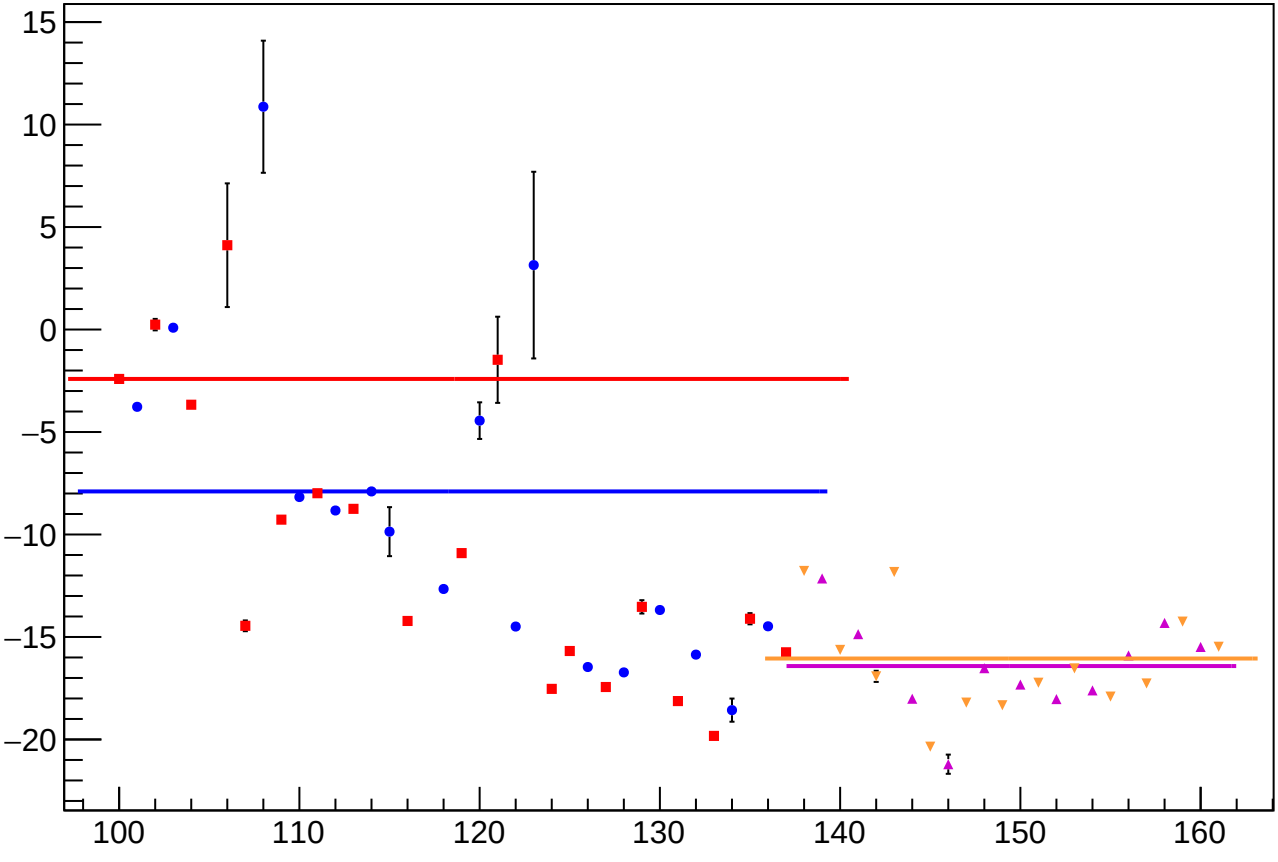
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:43806.7/27

Out: -11.872+/-0.000 χ^2/NDF:793009.1/31

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: -16.051+/-0.027 χ^2/NDF:6009.9/12

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.418+/-0.021 χ^2/NDF:5069.8/10

Left: -16.279+/-0.016 χ^2/NDF: 11198.7/23

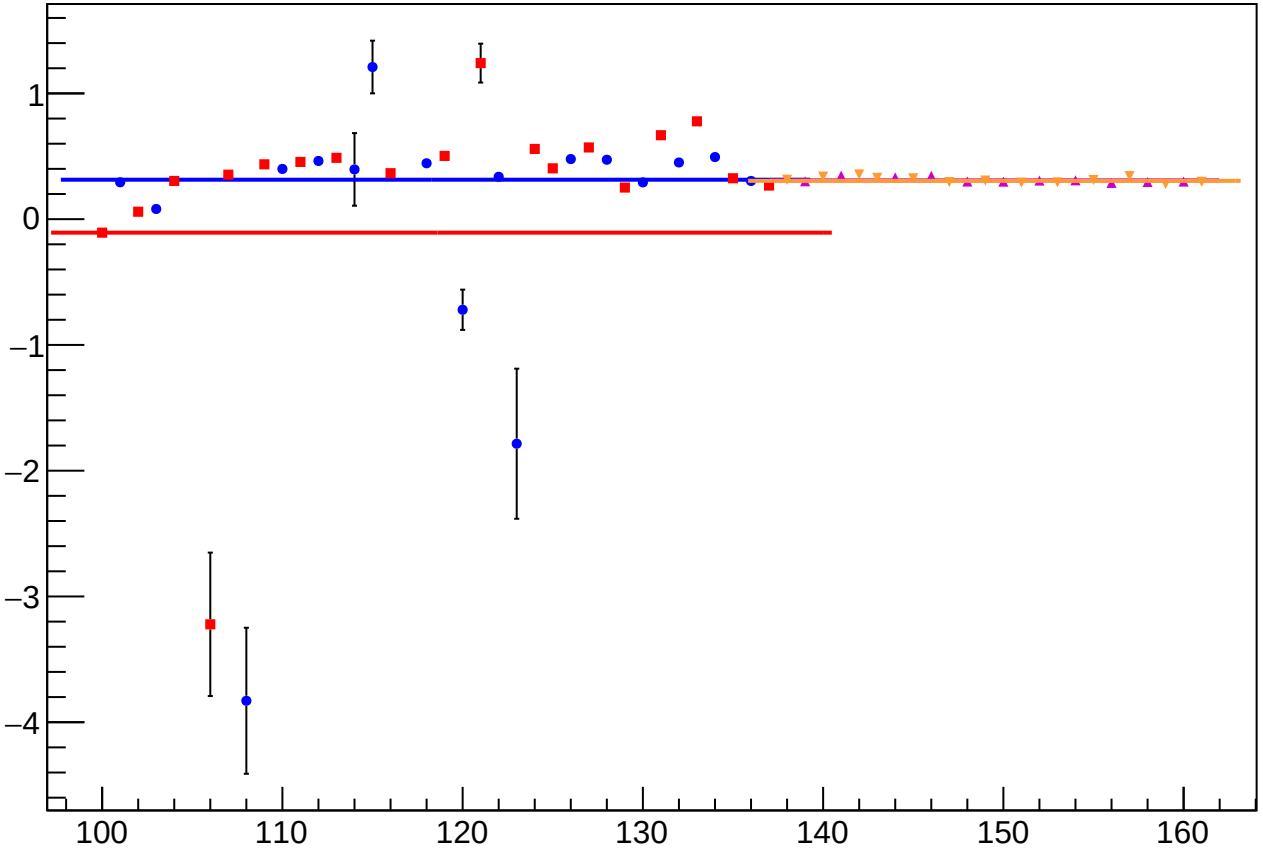
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:212836.2/27

Out: -2.410+/-0.000 χ^2/NDF:473259.7/31

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: 0.305+/-0.000 χ^2/NDF:3080.3/12

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.309+/-0.000 χ^2/NDF:2078.9/10

Left: 0.307+/-0.000 χ^2/NDF: 5230.5/23

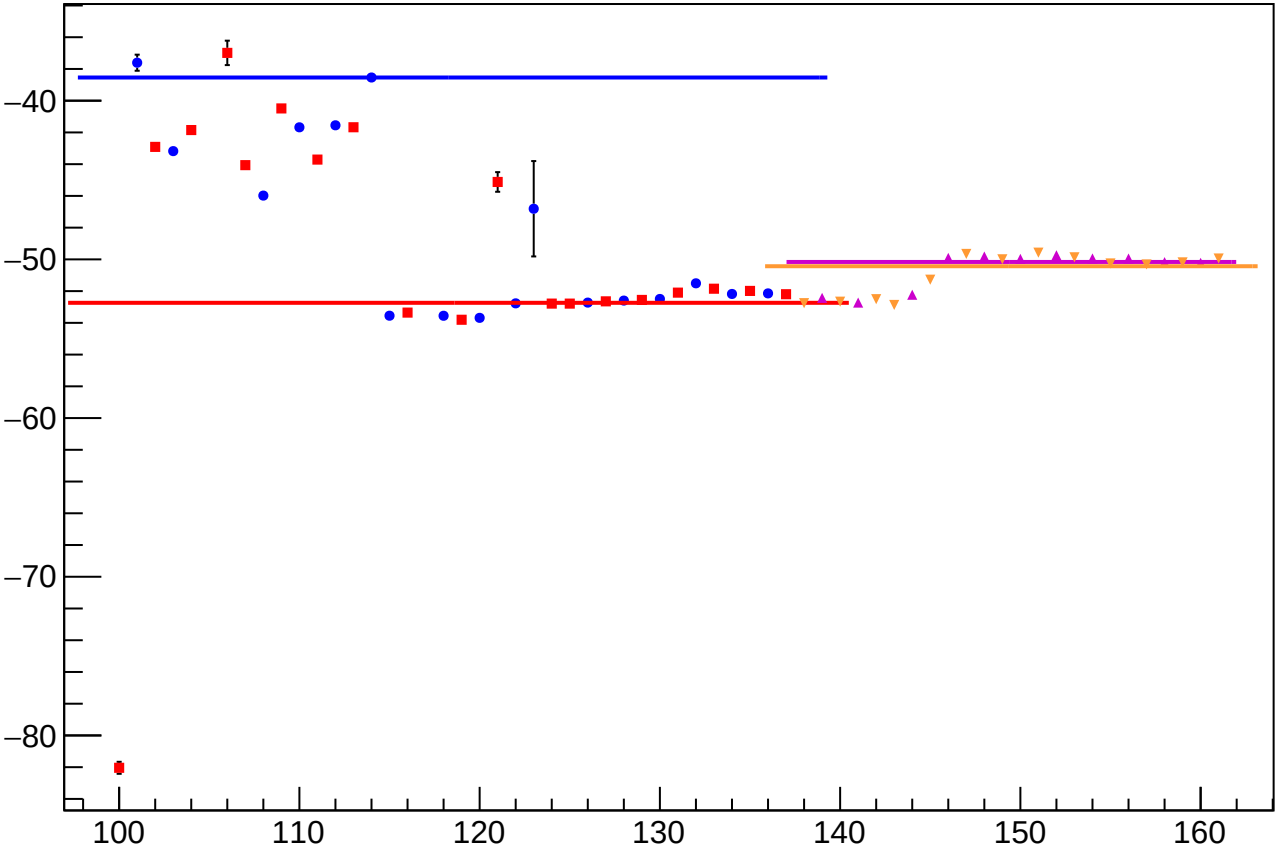
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.309+/-0.000 χ^2/NDF:4851.7/27

Out: -0.107+/-0.000 χ^2/NDF:1632247.8/31

All: -0.107+/-0.000 χ^2/NDF: 3517788.7/59

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.432+/-0.002 χ^2/NDF:238084.5/12

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.162+/-0.002 χ^2/NDF:153739.7/10

Left: -50.265+/-0.001 χ^2/NDF: 401700.4/23

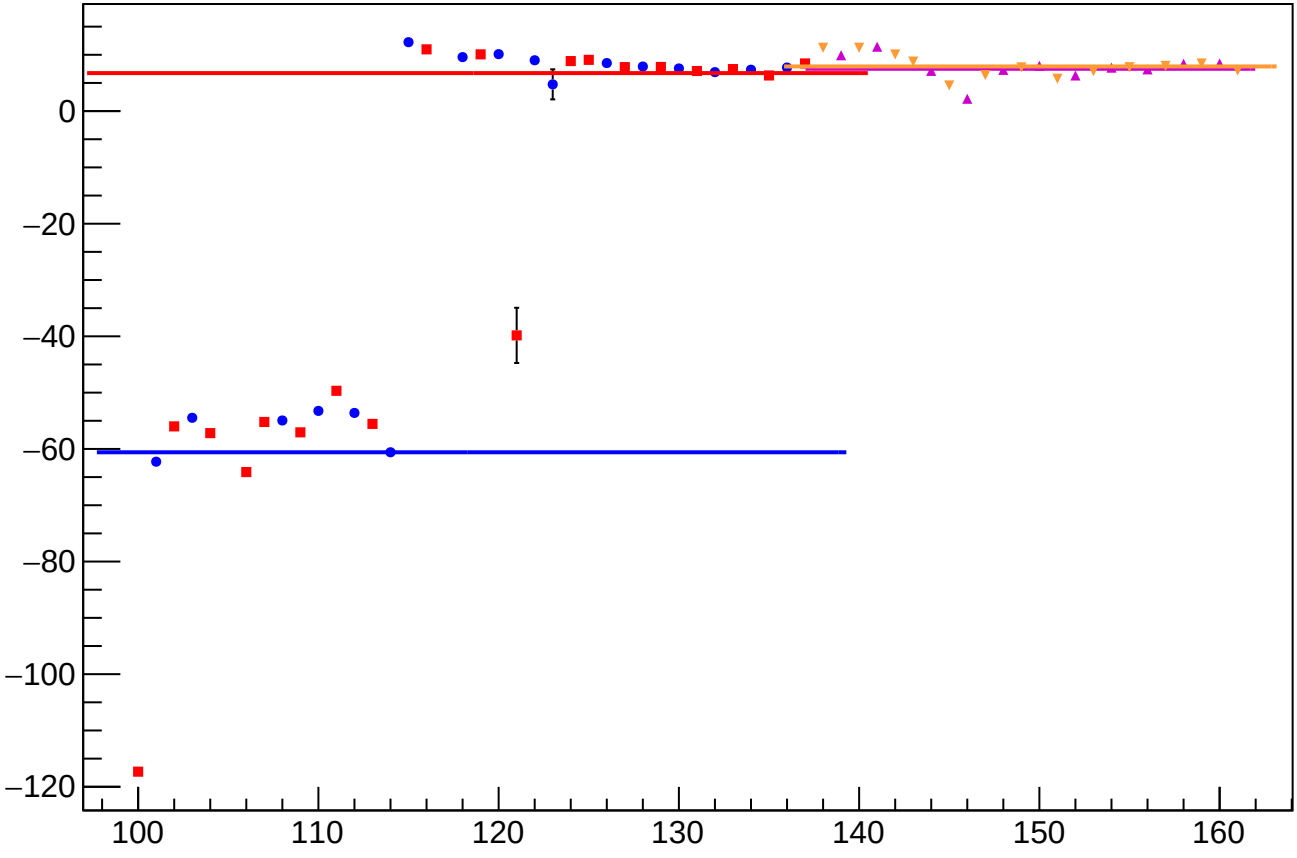
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:63289271.6/27

Out: -51.732+/-0.001 χ^2/NDF:981064.5/31

All: -38.539+/-0.000 χ^2/NDF: 151629339.5/5

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 7.928+/-0.005 χ^2/NDF:74665.4/12

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.517+/-0.004 χ^2/NDF:114072.4/10

Left: 7.680+/-0.003 χ^2/NDF: 193487.6/23

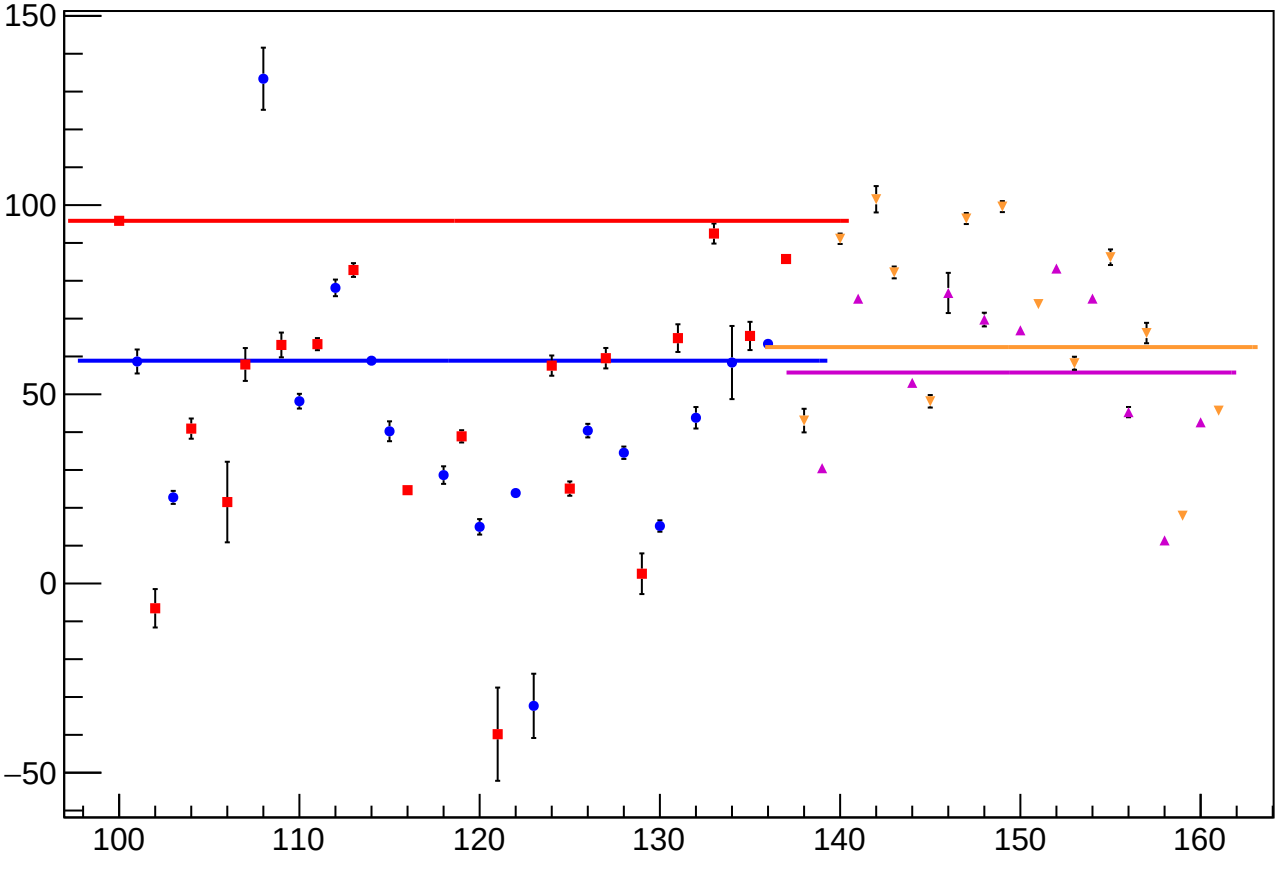
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:354874755.9/27

Out: 7.750+/-0.004 χ^2/NDF:1351008.9/31

All: -60.594+/-0.000 χ^2/NDF: 611748244.7/5

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 62.474+/-0.423 χ^2/NDF:4865.0/12

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 55.753+/-0.326 χ^2/NDF:4573.8/10

Left: 58.256+/-0.258 χ^2/NDF: 9597.3/23

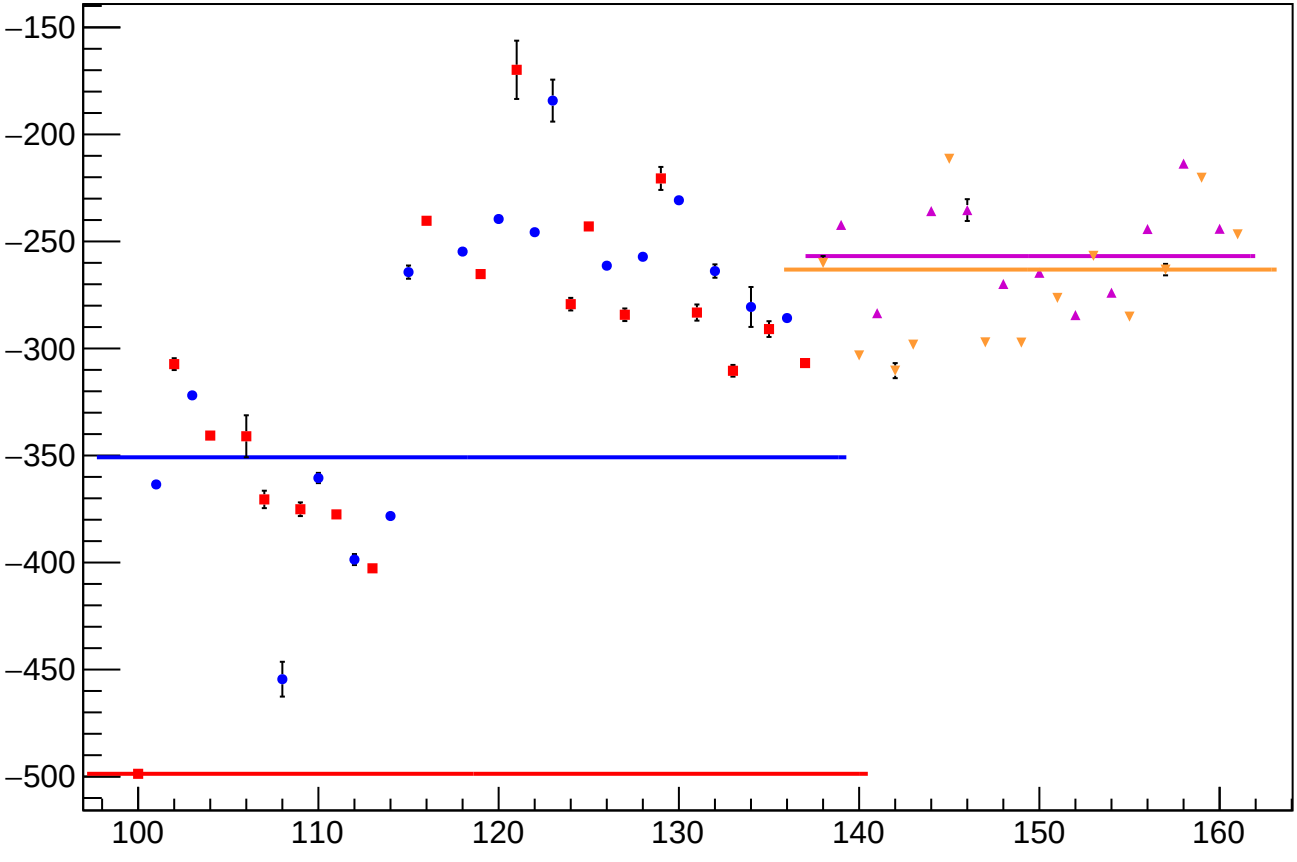
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:8480.5/27

Out: 95.846+/-0.000 χ^2/NDF:50475.4/31

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: -263.140+/-0.417 χ^2/NDF:6471.6/12

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -256.841+/-0.329 χ^2/NDF:4178.6/10

Left: -259.262+/-0.259 χ^2/NDF: 10790.6/23

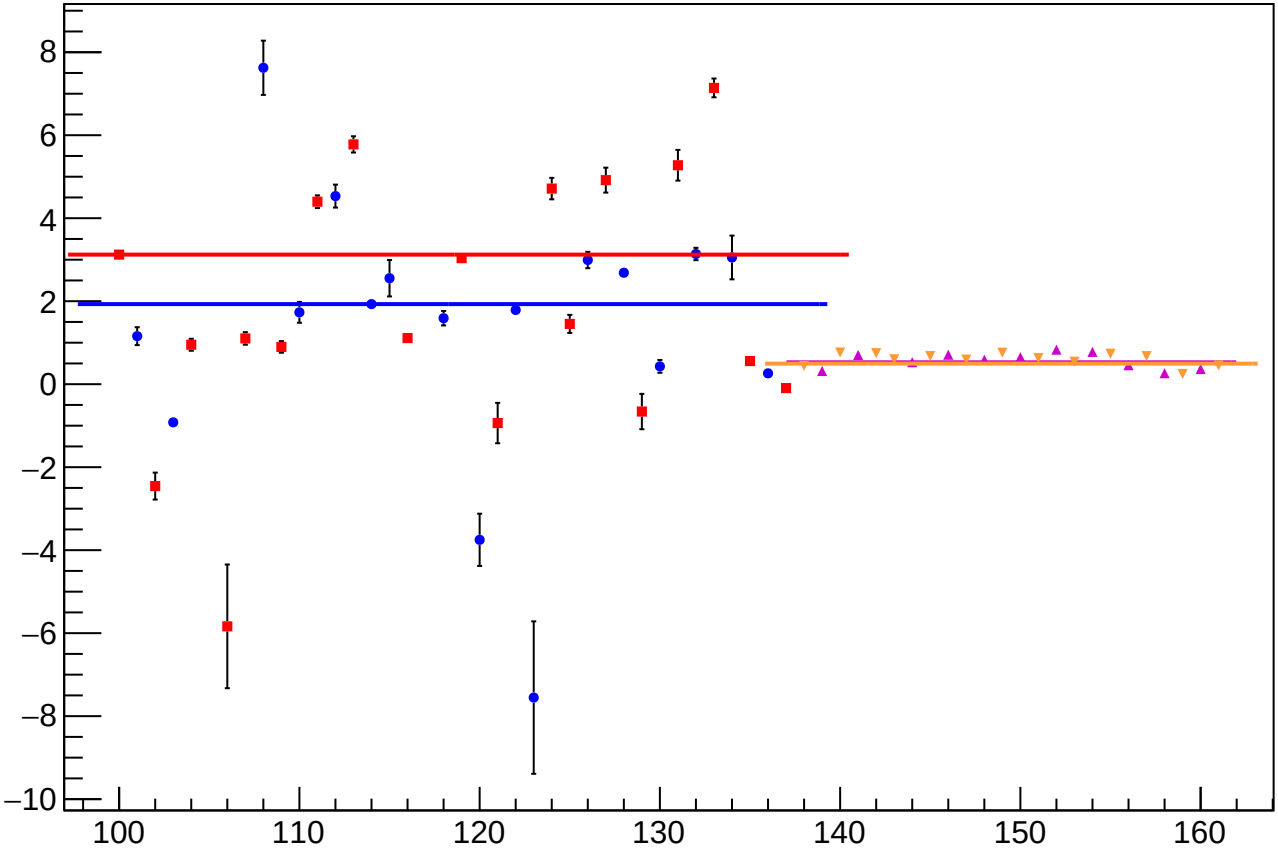
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -317.447+/-0.196 χ^2/NDF:97957.2/27

Out: -498.692+/-0.000 χ^2/NDF:837404.2/31

All: -498.692+/-0.000 χ^2/NDF: 1787340.7/59

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.496+/-0.002 χ^2/NDF:7239.0/12

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.527+/-0.002 χ^2/NDF:11454.1/10

Left: 0.514+/-0.002 χ^2/NDF: 18793.1/23

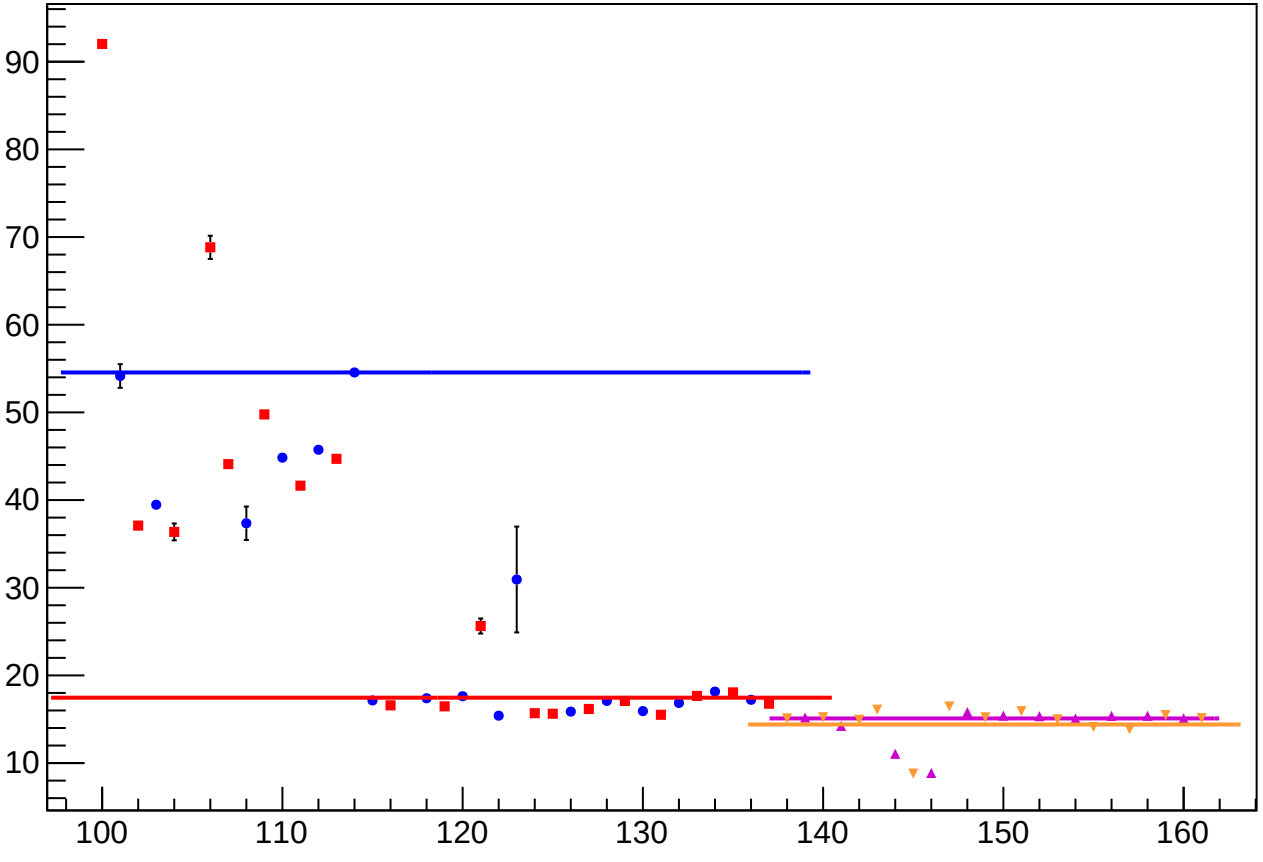
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:527595.2/27

Out: 3.123+/-0.000 χ^2/NDF:1693134.0/31

All: 2.073+/-0.000 χ^2/NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 14.403+/-0.008 χ^2/NDF:82103.7/12

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 15.091+/-0.008 χ^2/NDF:7922.9/10

Left: 14.748+/-0.006 χ^2/NDF: 93402.5/23

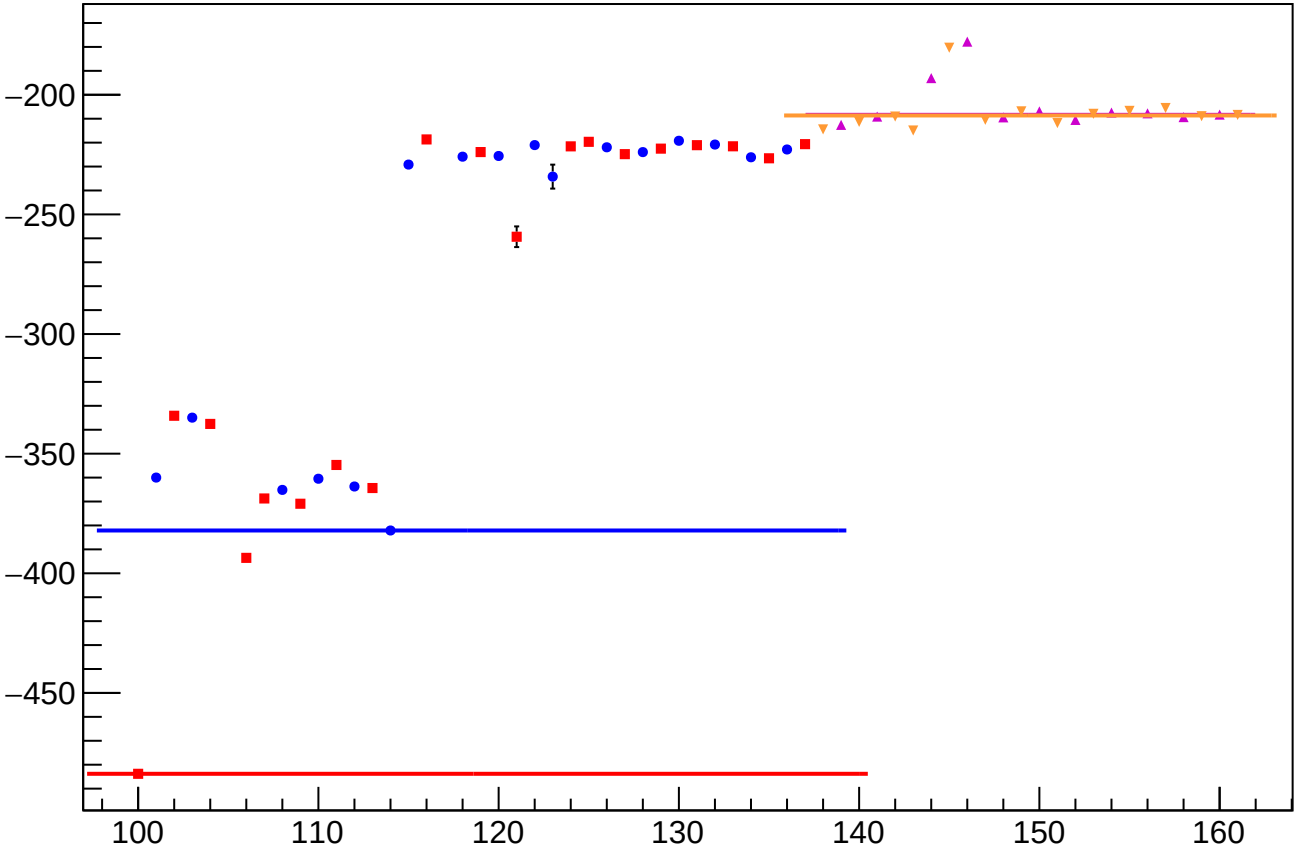
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:29485379.1/27

Out: 14.934+/-0.008 χ^2/NDF:204481.8/31

All: 54.556+/-0.000 χ^2/NDF: 56674014.1/59

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -208.648+/-0.019 χ^2/NDF:59951.7/12

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -208.383+/-0.019 χ^2/NDF:13971.6/10

Left: -208.514+/-0.013 χ^2/NDF: 74023.6/23

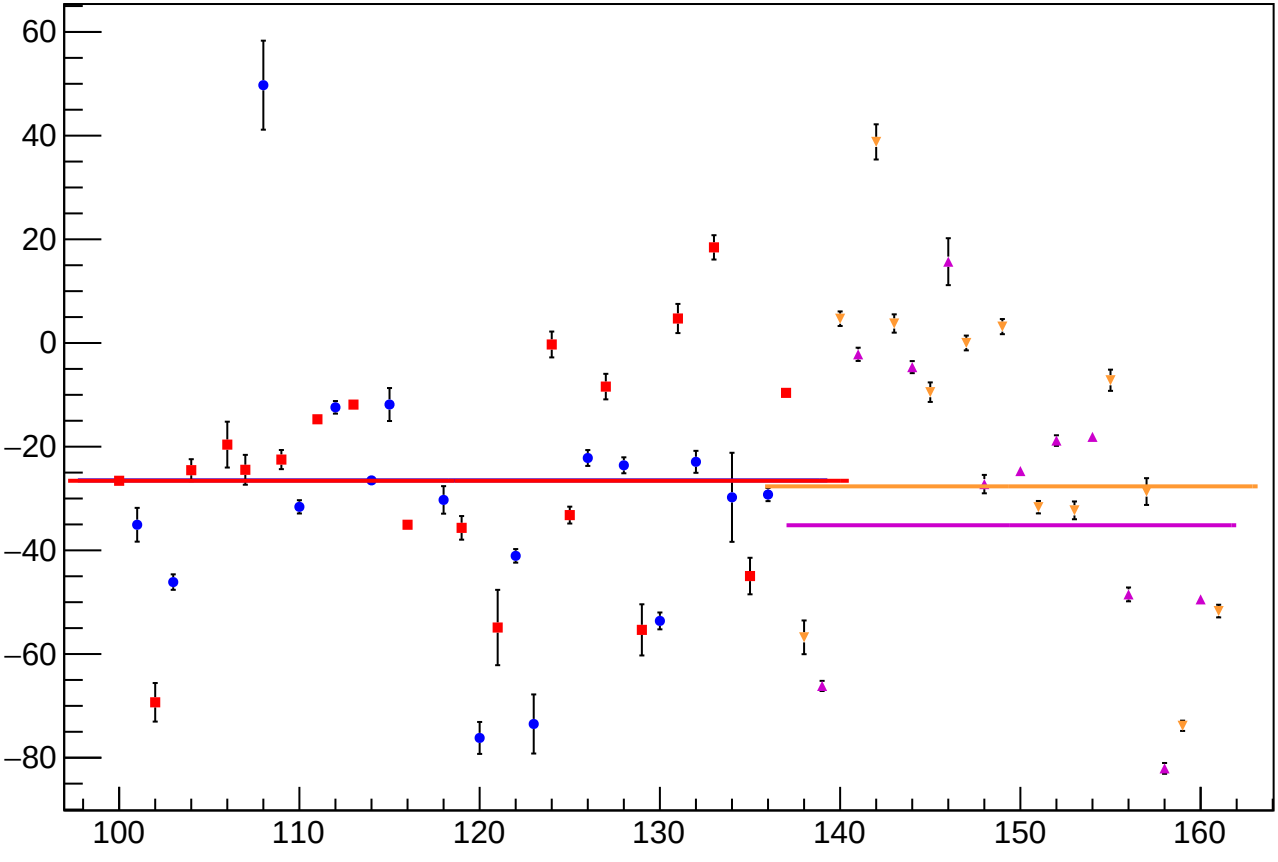
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:105655950.7/27

Out: -483.800+/-0.000 χ^2/NDF:237853955.7/31

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: -27.656+/-0.432 χ^2/NDF:4891.9/12

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -35.159+/-0.331 χ^2/NDF:5616.0/10

Left: -32.384+/-0.263 χ^2/NDF: 10697.8/23

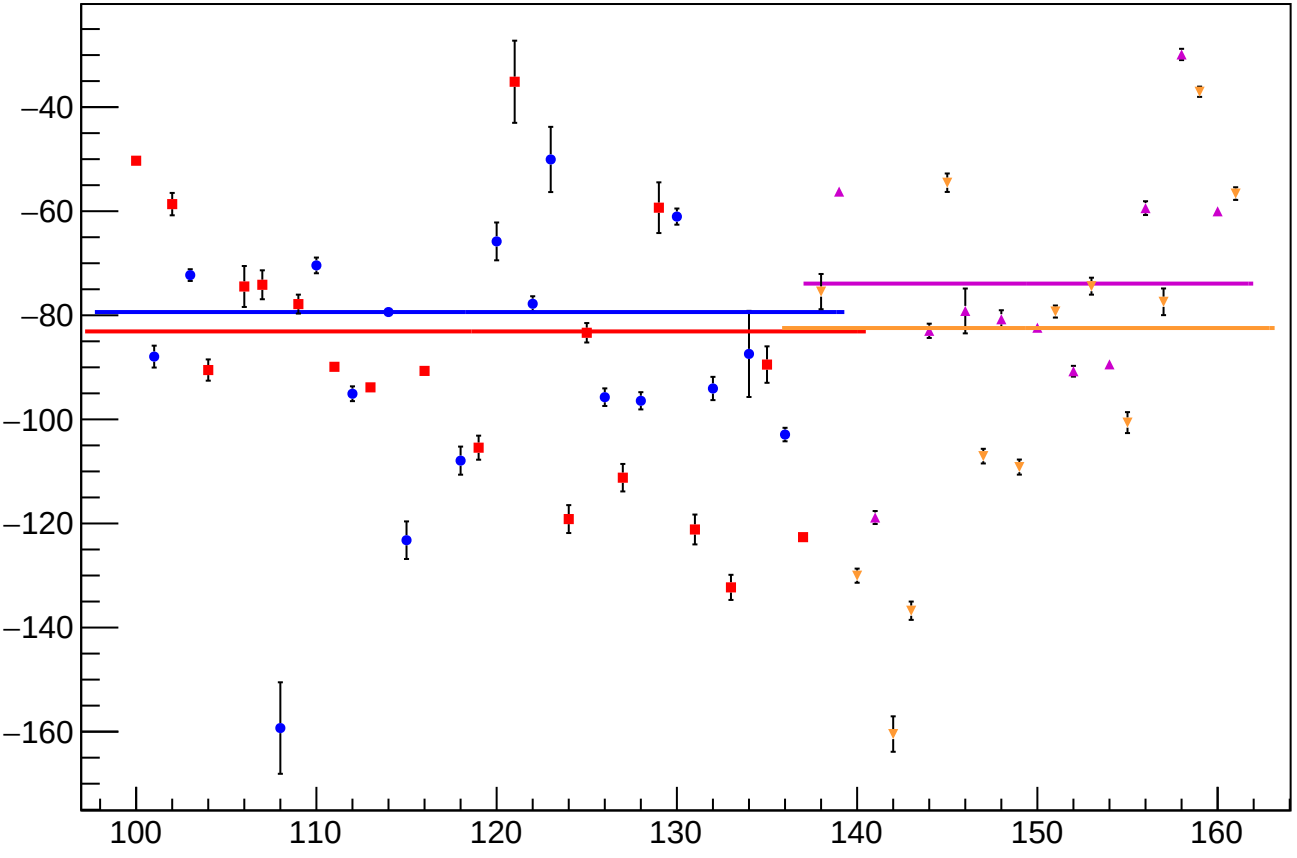
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:7480.1/27

Out: -26.577+/-0.000 χ^2/NDF:7539.0/31

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: -82.447+/-0.424 χ^2/NDF:6284.3/12

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -73.910+/-0.327 χ^2/NDF:4413.0/10

Left: -77.096+/-0.259 χ^2/NDF: 10951.1/23

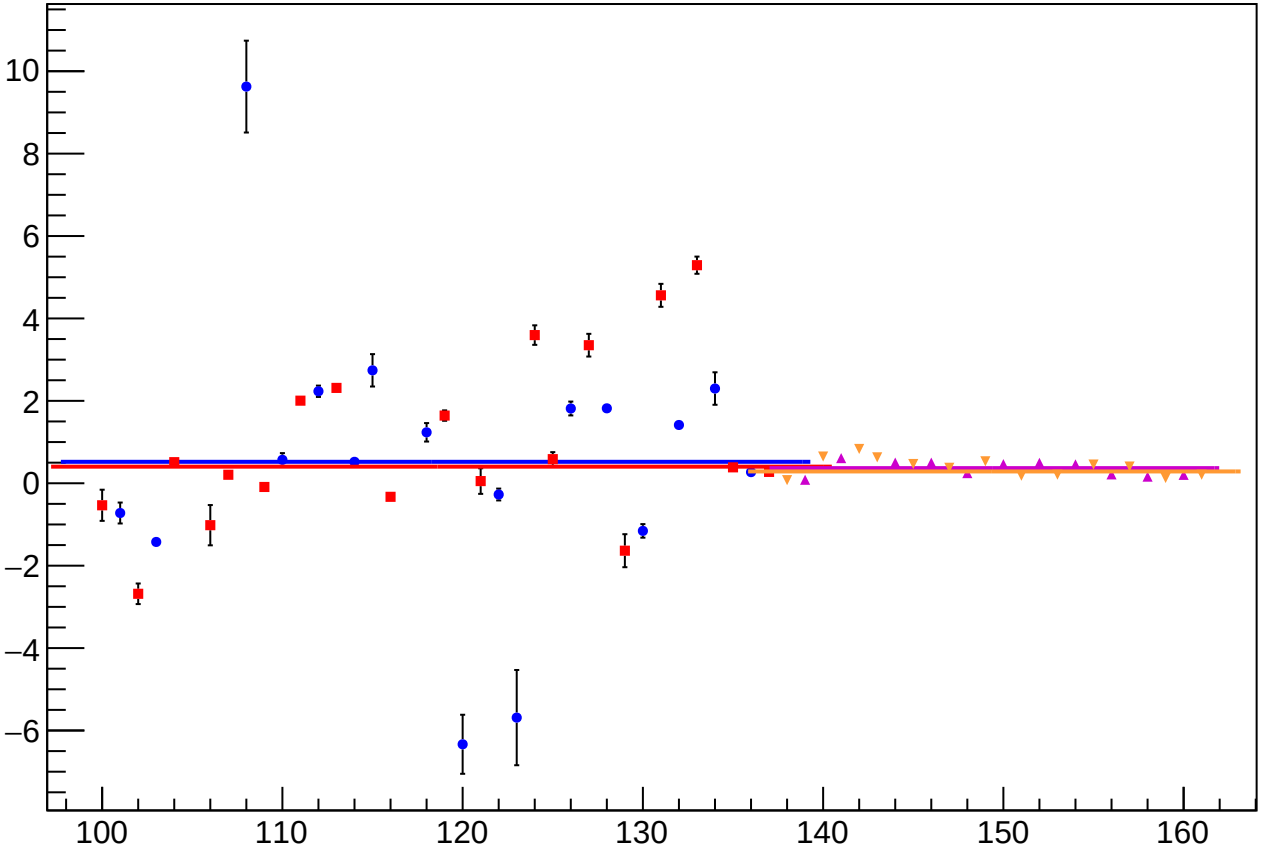
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:5996.4/27

Out: -83.001+/-0.164 χ^2/NDF:18202.2/31

All: -79.376+/-0.000 χ^2/NDF: 24685.5/59

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.287+/-0.003 χ^2/NDF:5719.5/12

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.367+/-0.002 χ^2/NDF:8292.4/10

Left: 0.336+/-0.002 χ^2/NDF: 14617.4/23

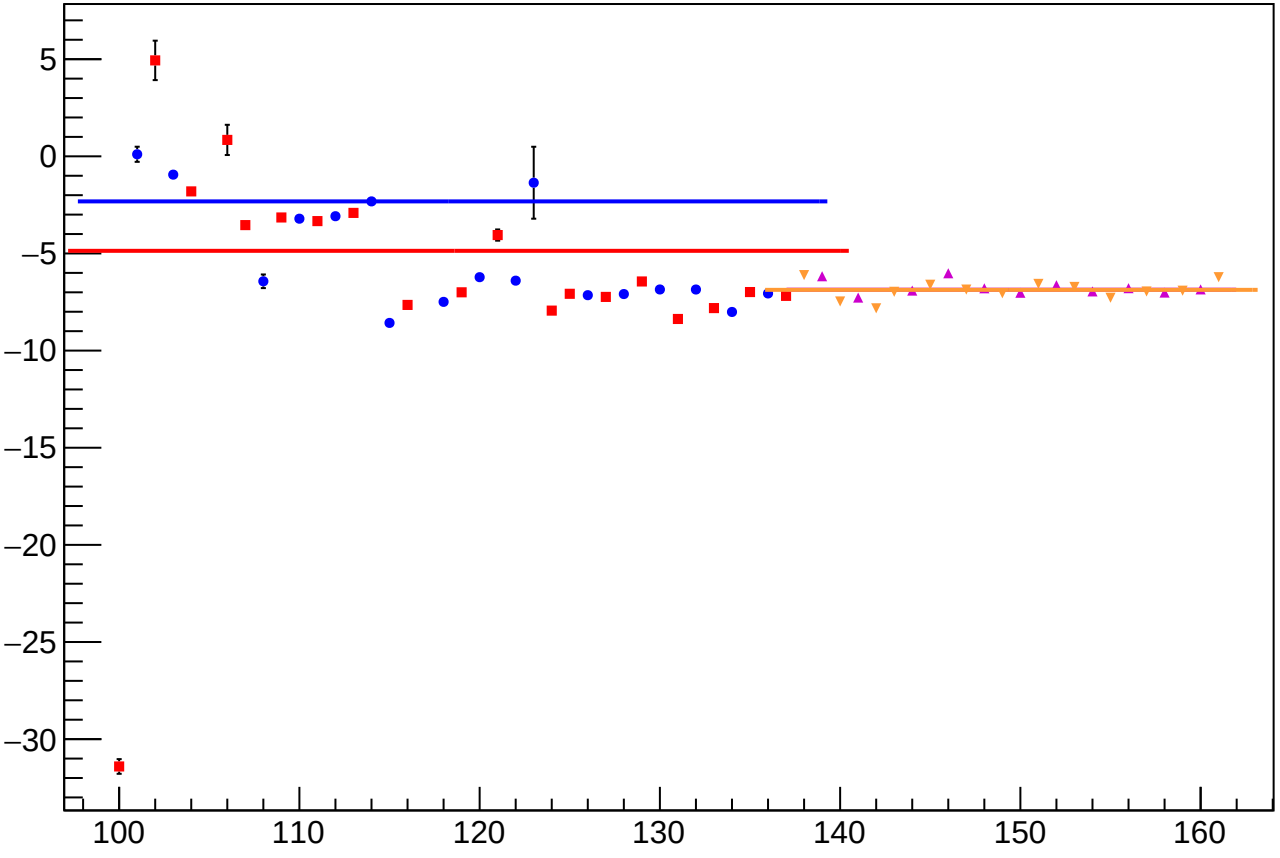
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:17201.9/27

Out: 0.293+/-0.002 χ^2/NDF:8555.4/31

All: 0.521+/-0.000 χ^2/NDF: 34224.9/59

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.873+/-0.003 χ^2/NDF:3505.2/12

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.865+/-0.003 χ^2/NDF:5101.9/10

Left: -6.869+/-0.002 χ^2/NDF: 8610.3/23

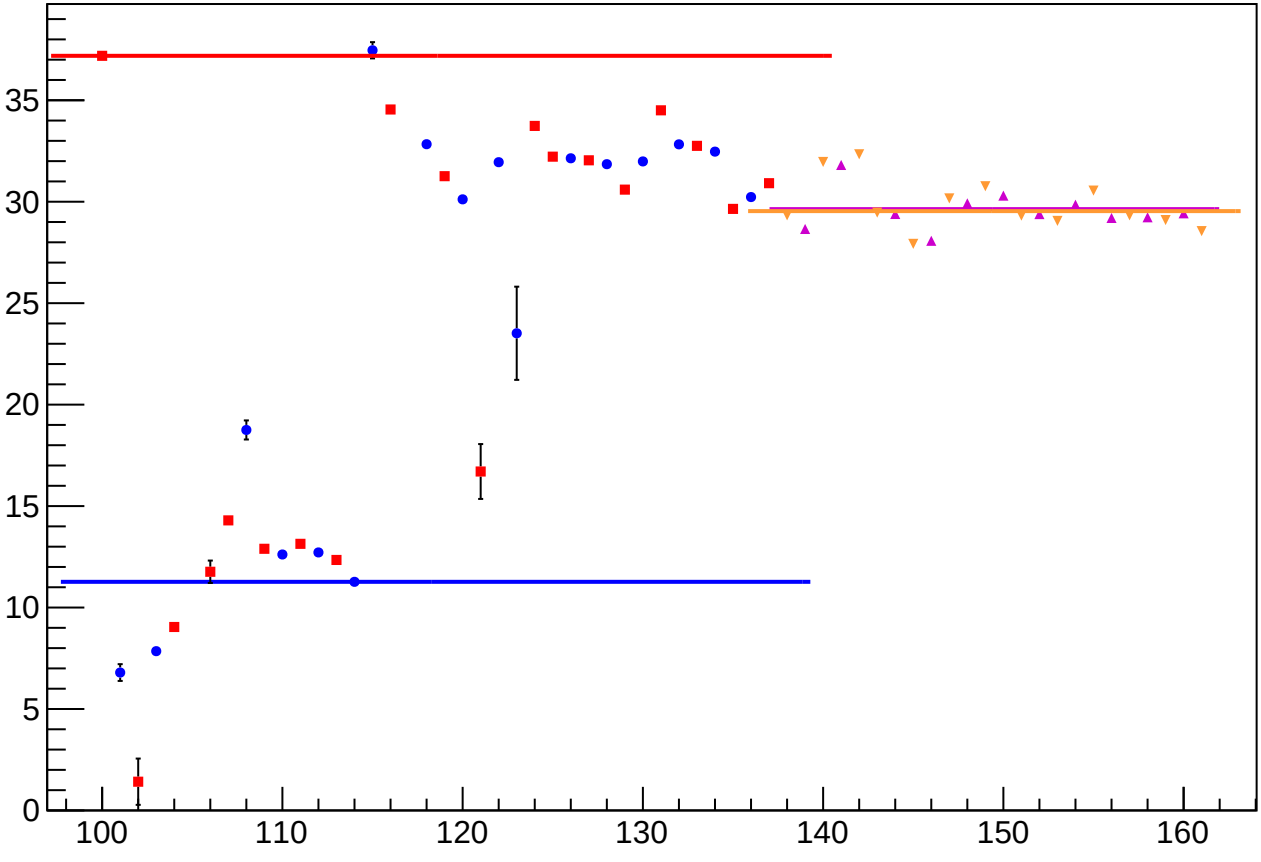
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:2554725.8/27

Out: -6.693+/-0.003 χ^2/NDF:87478.1/31

All: -2.320+/-0.000 χ^2/NDF: 4648545.6/59

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.537+/-0.012 χ^2/NDF:6396.8/12

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.636+/-0.010 χ^2/NDF:3136.0/10

Left: 29.596+/-0.008 χ^2/NDF: 9570.0/23

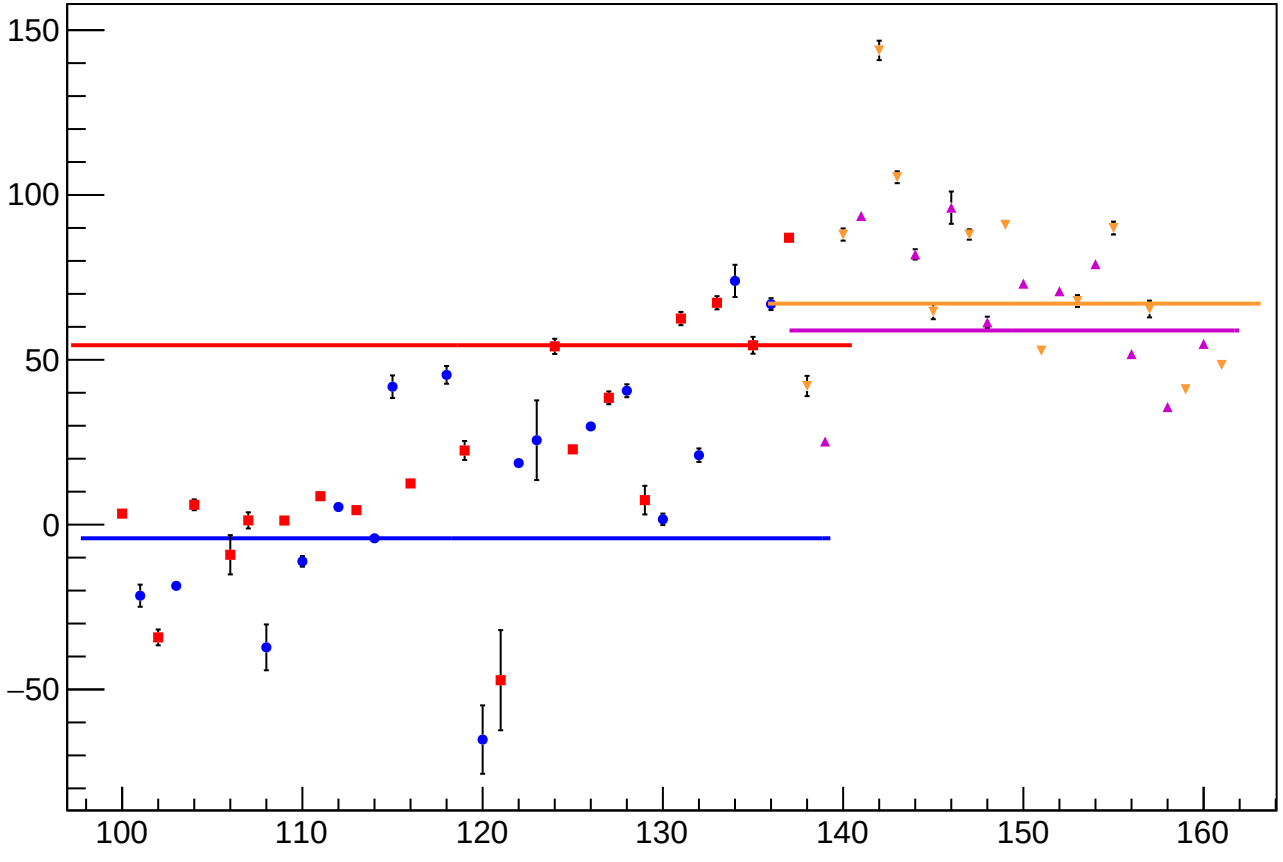
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:4136585.9/27

Out: 37.191+/-0.000 χ^2/NDF:1506515.9/31

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: 67.052+/-0.444 χ^2/NDF:2988.7/12

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 58.901+/-0.328 χ^2/NDF:4417.2/10

Left: 61.775+/-0.264 χ^2/NDF: 7623.6/23

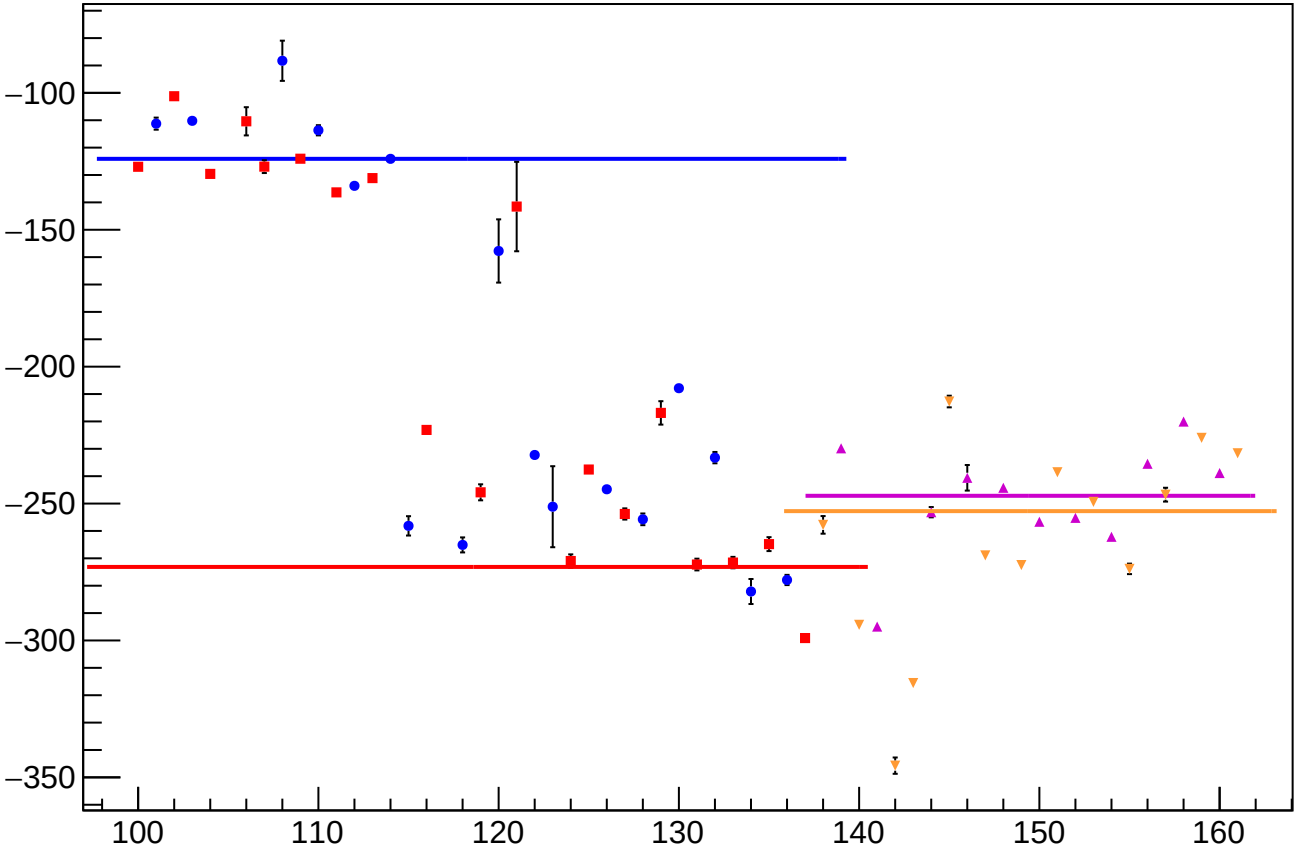
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:46016.3/27

Out: 56.042+/-0.159 χ^2/NDF:57691.2/31

All: -4.139+/-0.000 χ^2/NDF: 247040.8/59

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -252.764+/-0.437 χ^2/NDF:4695.2/12

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -247.162+/-0.322 χ^2/NDF:3219.7/10

Left: -249.130+/-0.259 χ^2/NDF: 8021.3/23

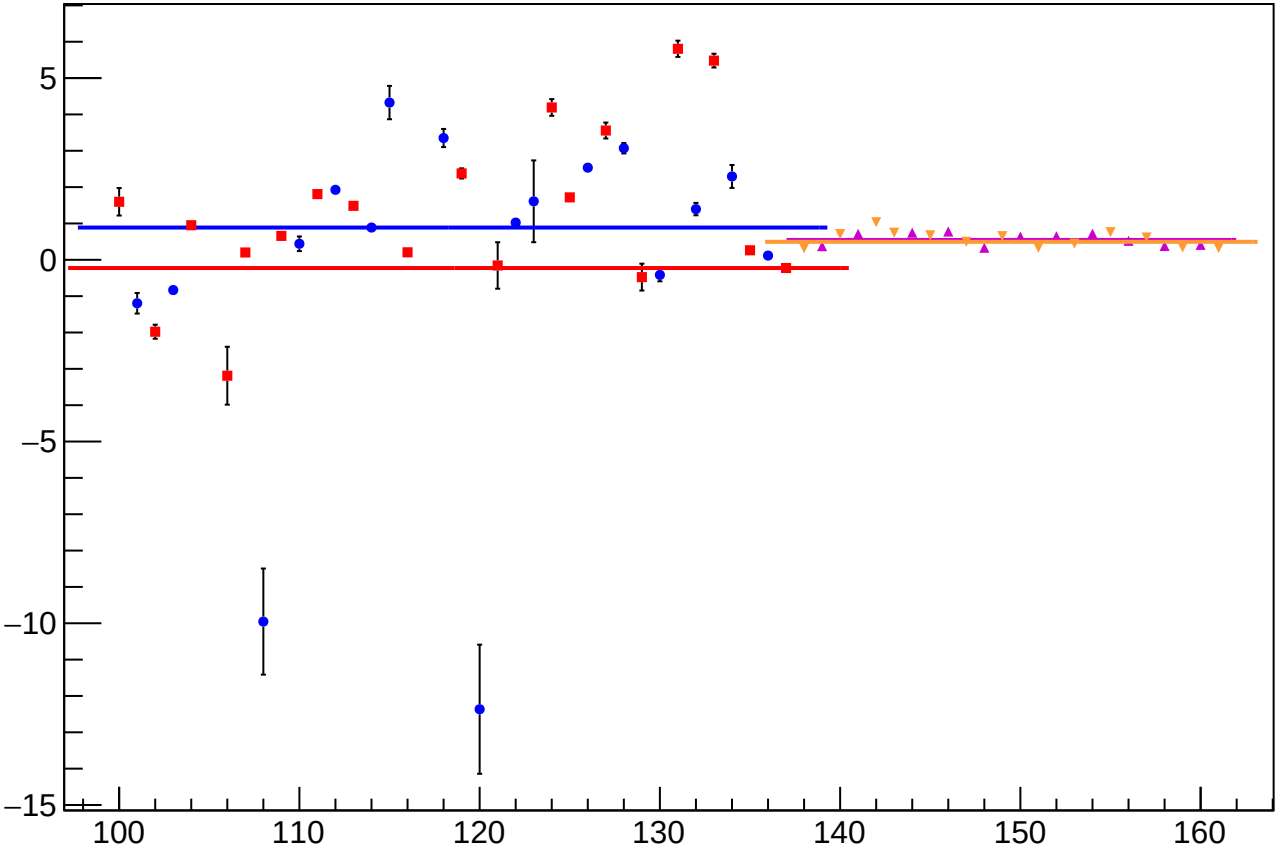
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:187476.5/27

Out: -271.874+/-0.109 χ^2/NDF:286872.4/31

All: -124.095+/-0.000 χ^2/NDF: 2307315.7/59

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.495+/-0.003 χ^2/NDF:3550.5/12

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.546+/-0.003 χ^2/NDF:3451.6/10

Left: 0.525+/-0.002 χ^2/NDF: 7162.3/23

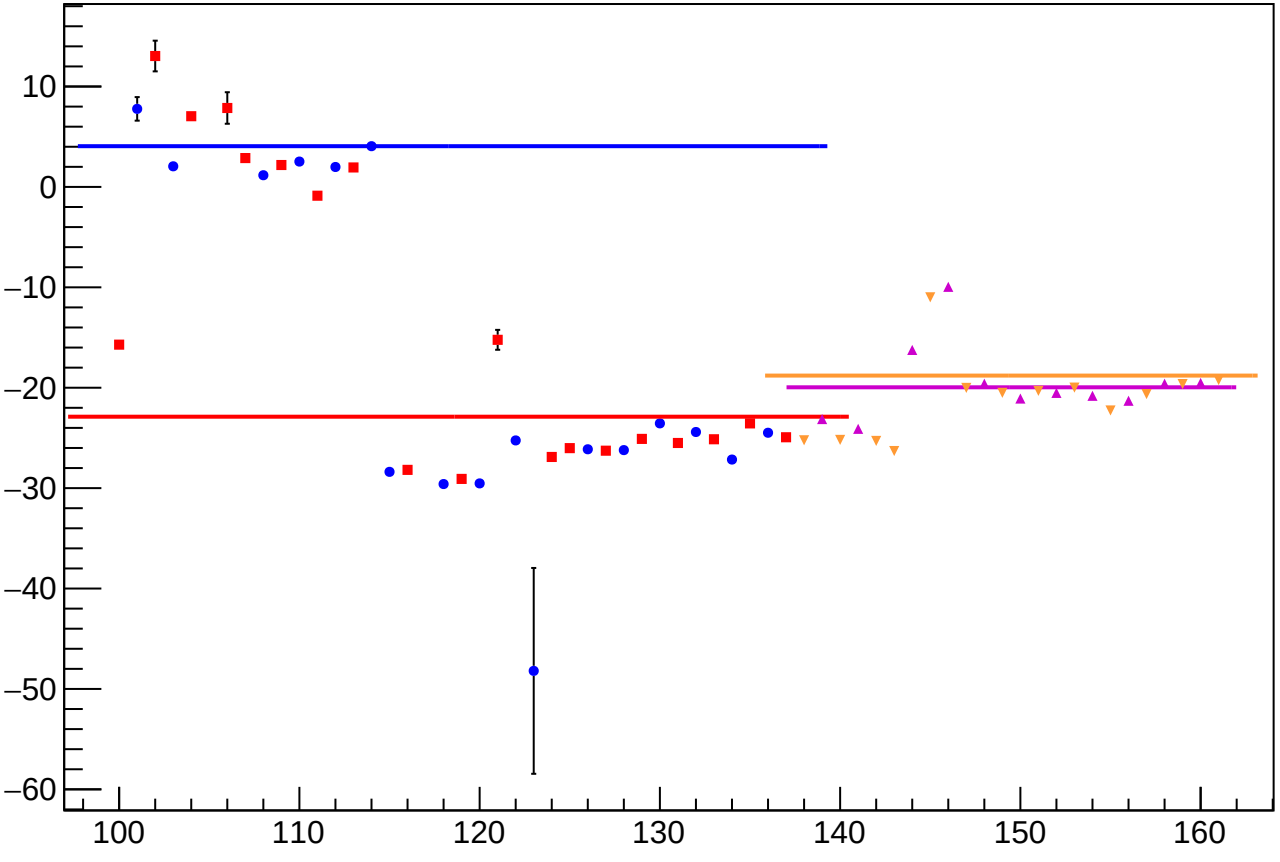
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:29902.2/27

Out: -0.226+/-0.000 χ^2/NDF:63246.7/31

All: 0.888+/-0.000 χ^2/NDF: 422261475.7/59

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -18.790+/-0.015 χ^2/NDF:77502.7/12

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -19.957+/-0.012 χ^2/NDF:19826.1/10

Left: -19.475+/-0.009 χ^2/NDF: 101123.4/23

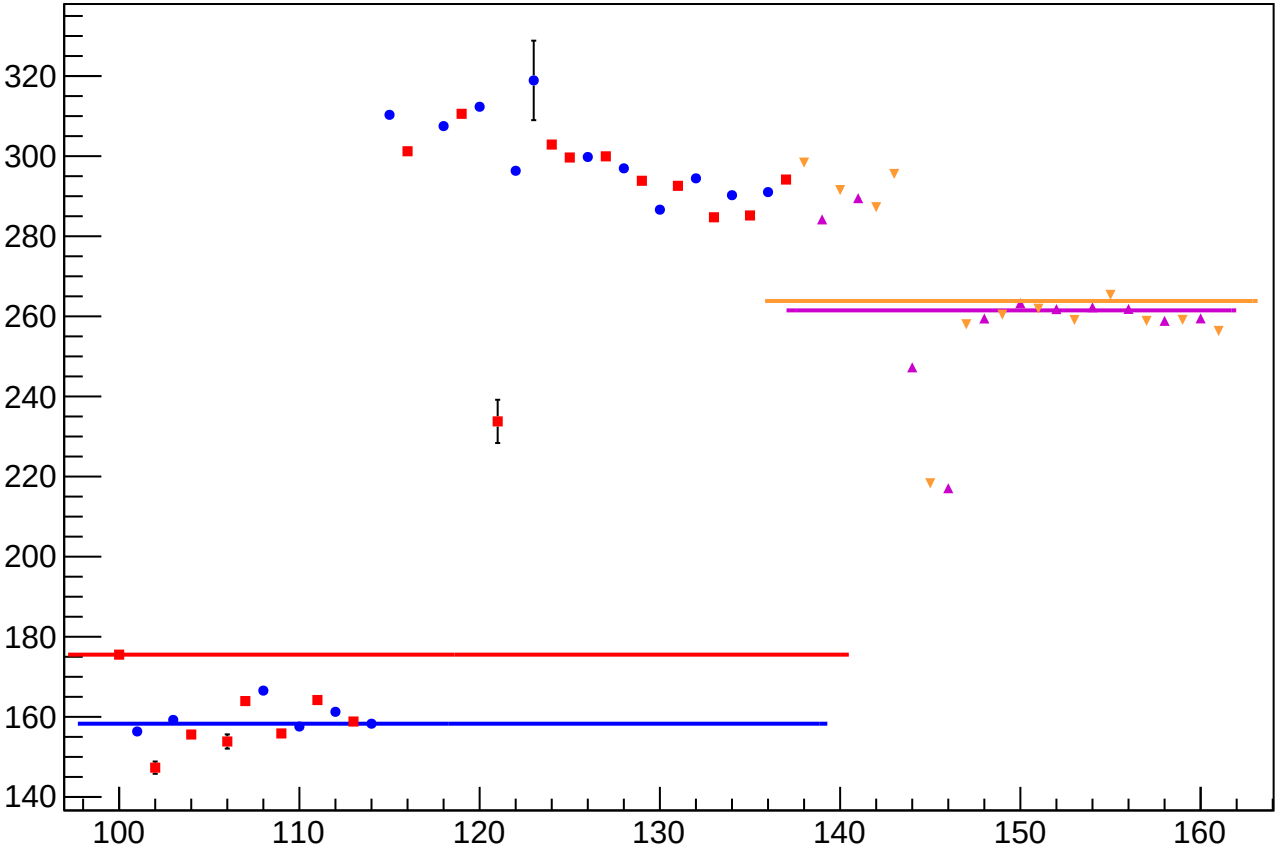
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:5154128.4/27

Out: -19.745+/-0.013 χ^2/NDF:212571.6/31

All: 4.057+/-0.000 χ^2/NDF: 8874205.8/59

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 263.841+/-0.038 χ^2/NDF:188728.8/12

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 261.492+/-0.034 χ^2/NDF:38392.6/10

Left: 262.508+/-0.025 χ^2/NDF: 229242.7/23

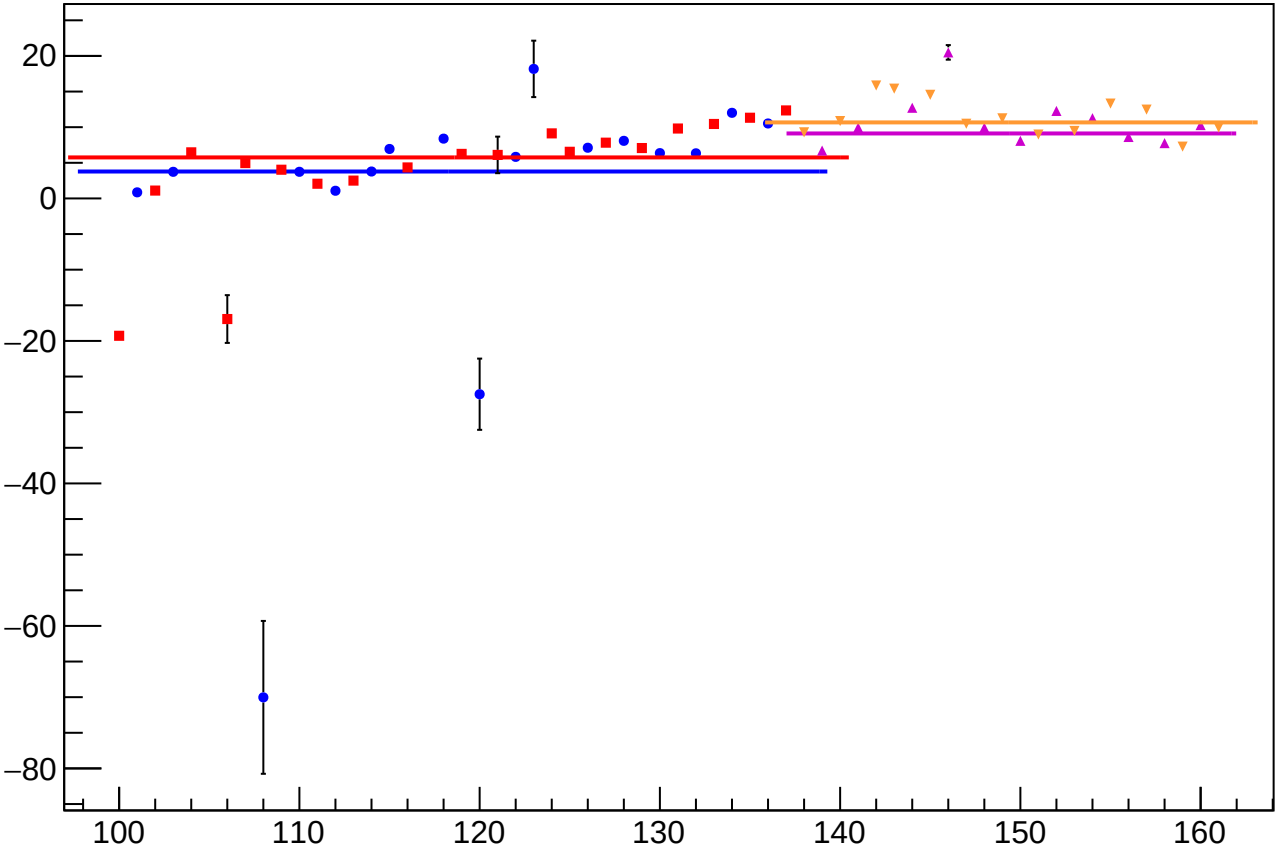
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:11908596.5/27

Out: 175.536+/-0.000 χ^2/NDF:7571803.9/31

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: 10.670+/-0.037 χ^2/NDF:2091.8/12

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 9.119+/-0.035 χ^2/NDF:2507.5/10

Left: 9.844+/-0.026 χ^2/NDF: 5514.0/23

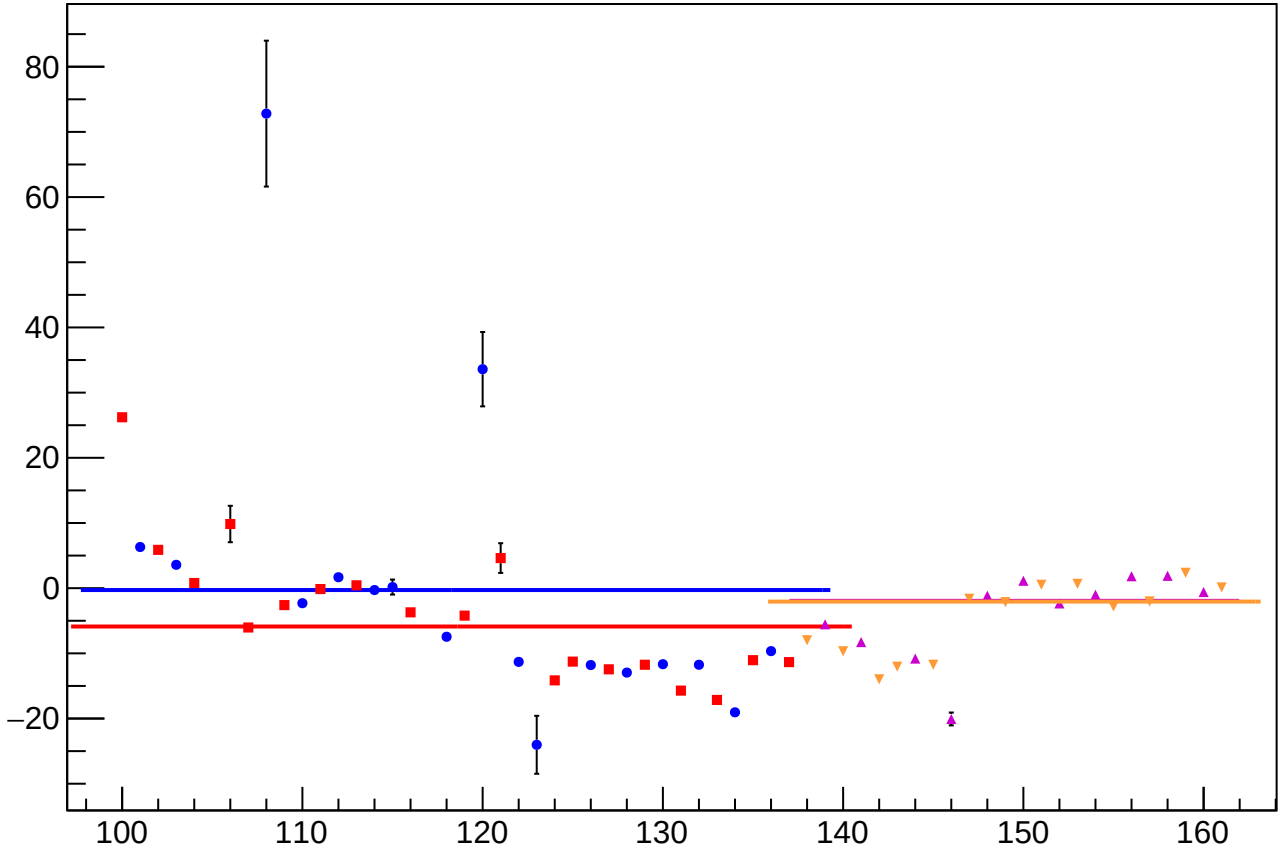
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:32611.0/27

Out: 7.335+/-0.021 χ^2/NDF:36082.3/31

All: 3.778+/-0.000 χ^2/NDF: 96793.7/59

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -2.058+/-0.037 χ^2/NDF:8900.2/12

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -1.946+/-0.035 χ^2/NDF:11649.3/10

Left: -1.999+/-0.026 χ^2/NDF: 20554.3/23

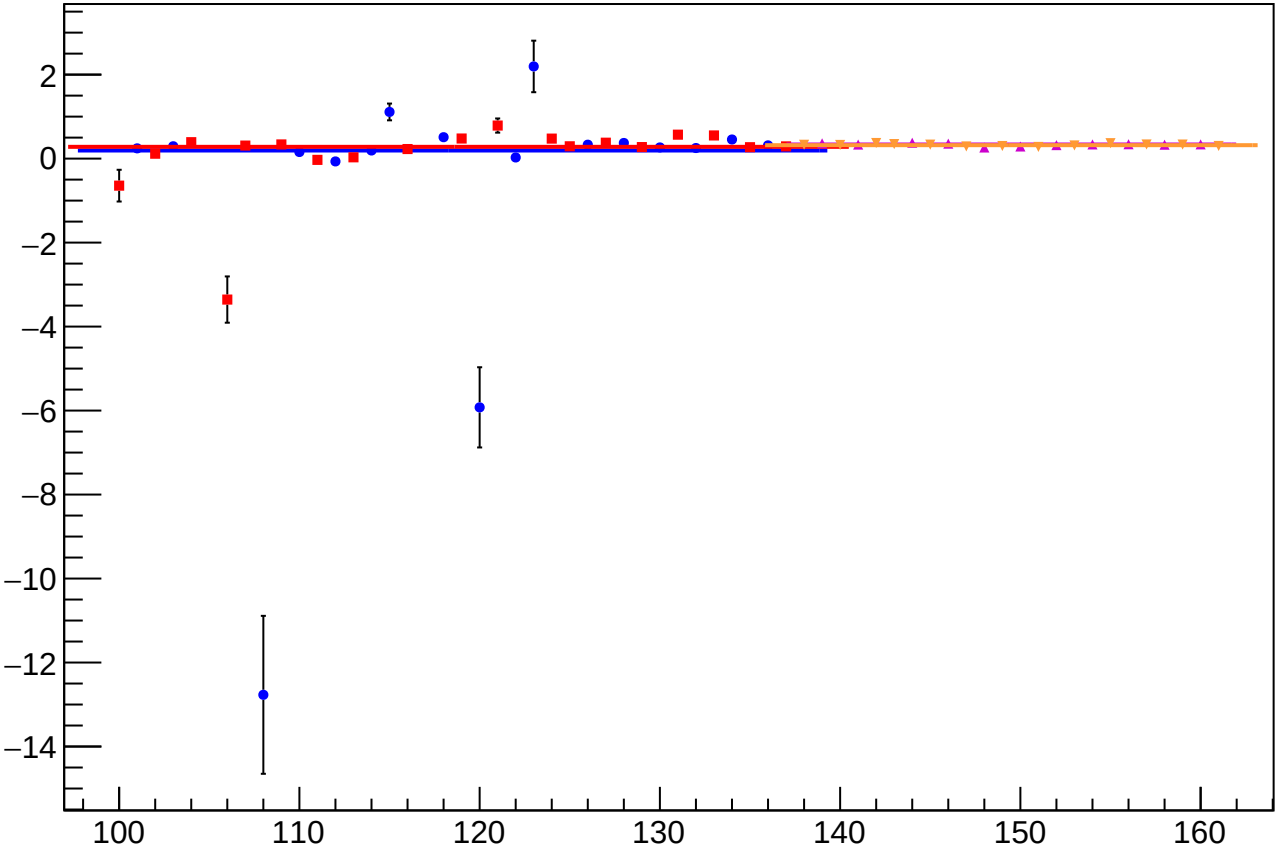
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:58139.6/27

Out: -4.541+/-0.022 χ^2/NDF:79320.8/31

All: -0.287+/-0.000 χ^2/NDF: 175114.3/59

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.320+/-0.001 χ^2/NDF:1270.6/12

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.336+/-0.001 χ^2/NDF:2136.0/10

Left: 0.328+/-0.000 χ^2/NDF: 3707.2/23

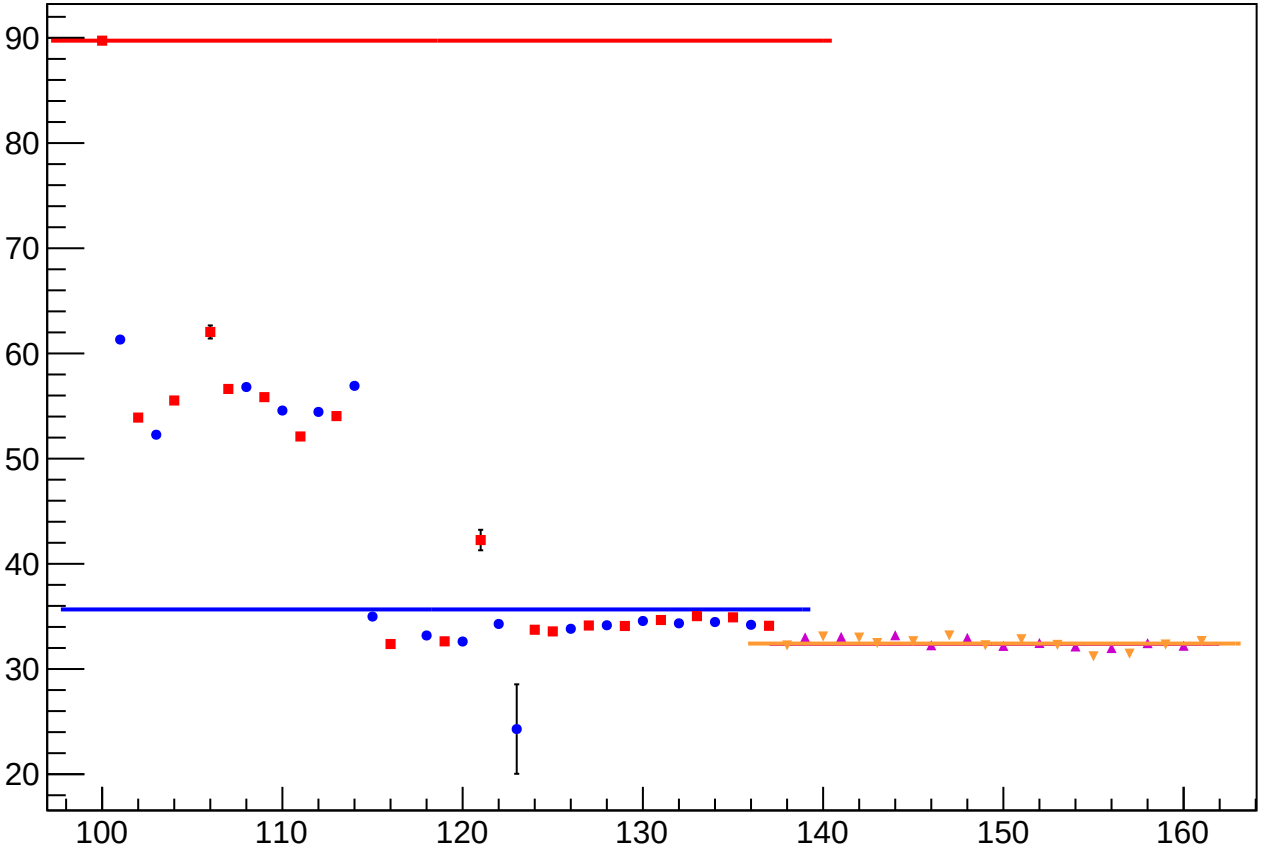
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:55412.7/27

Out: 0.313+/-0.001 χ^2/NDF:7924.9/31

All: 0.193+/-0.000 χ^2/NDF: 103967.4/59

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.420+/-0.005 χ^2/NDF:3175.3/12

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.378+/-0.004 χ^2/NDF:3903.4/10

Left: 32.398+/-0.003 χ^2/NDF: 7121.8/23

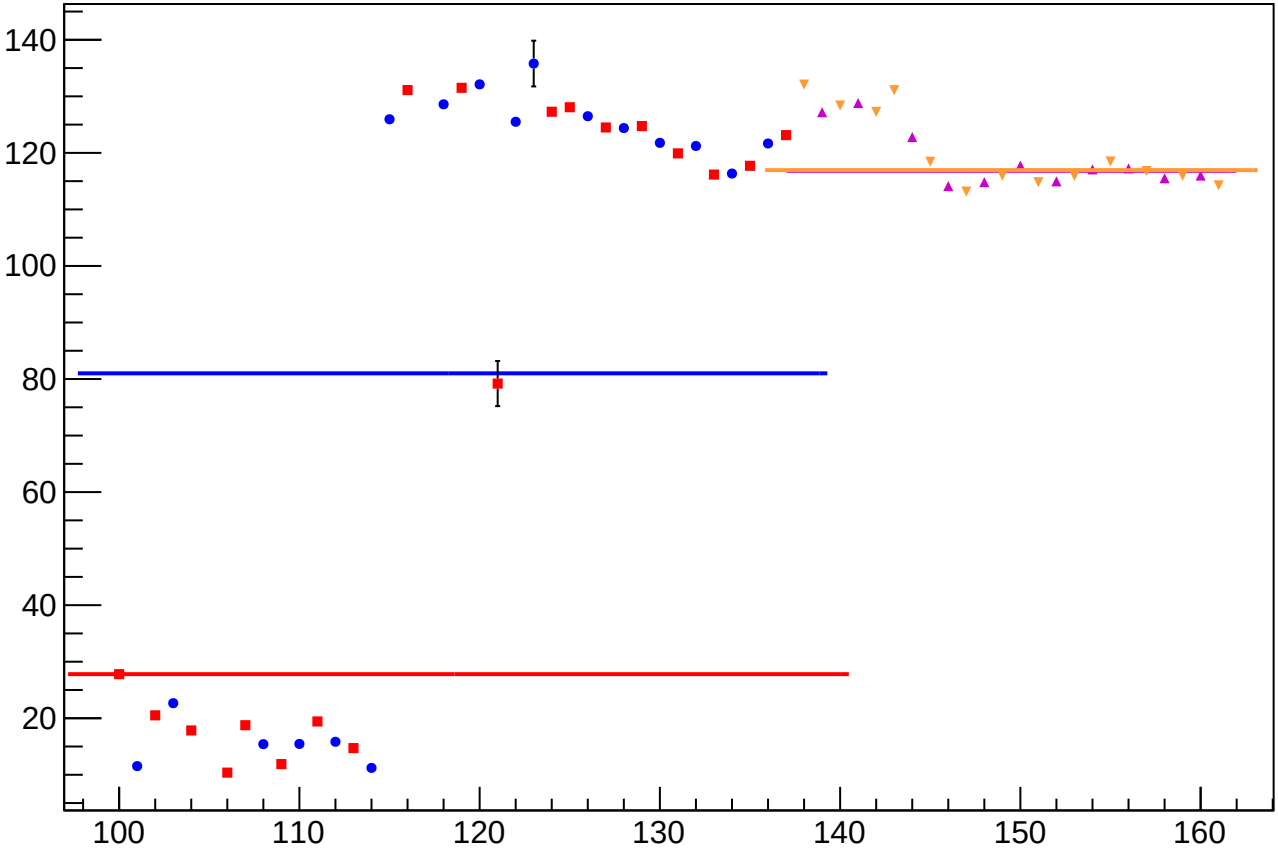
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.808+/-0.004 χ^2/NDF:295211.4/27

Out: 89.735+/-0.000 χ^2/NDF:175526643.6/31

All: 89.735+/-0.000 χ^2/NDF: 367626621.3/59

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 116.947+/-0.010 χ^2/NDF:137760.0/12

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 116.819+/-0.010 χ^2/NDF:40662.5/10

Left: 116.881+/-0.007 χ^2/NDF: 178506.6/23

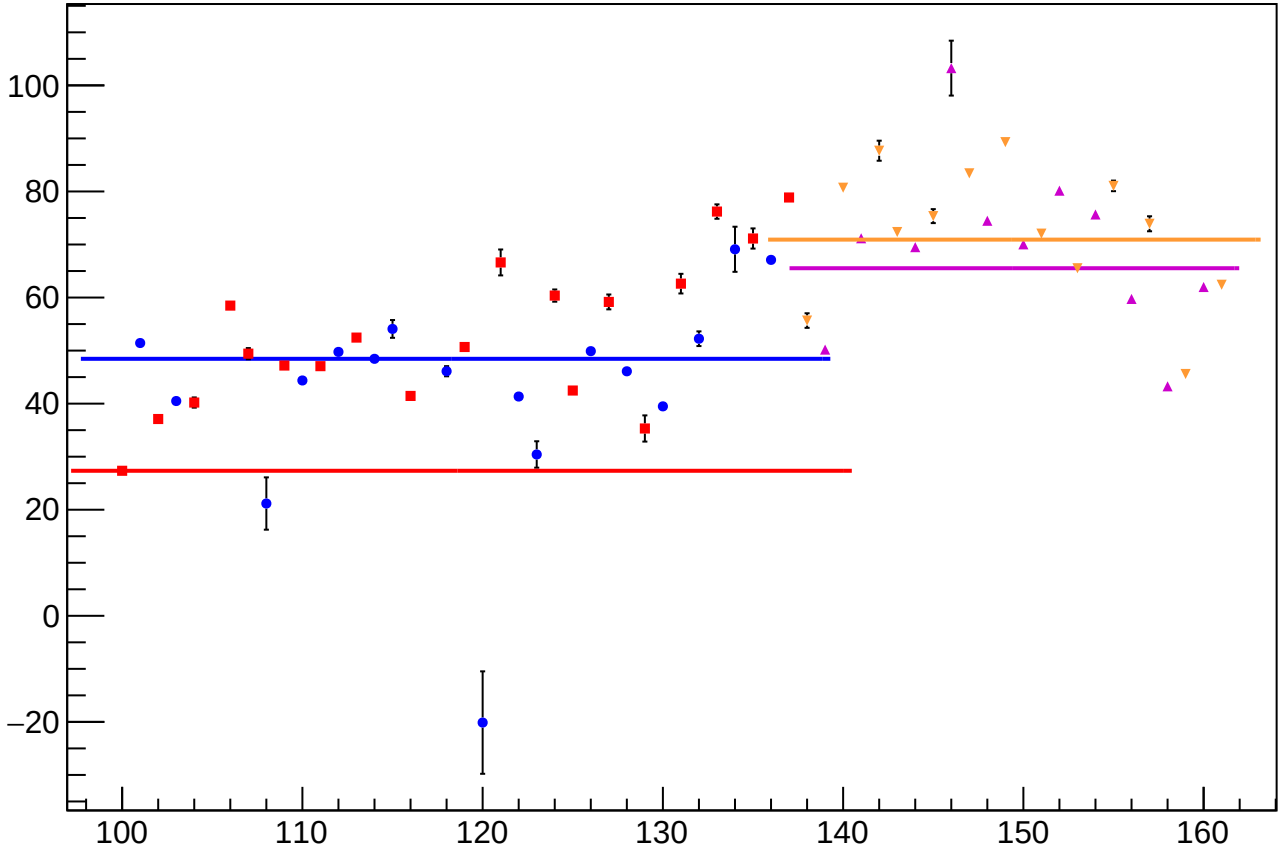
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 114.177+/-0.009 χ^2/NDF:3265799.9/27

Out: 27.798+/-0.000 χ^2/NDF:86948106.9/31

All: 27.798+/-0.000 χ^2/NDF: 175042844.4/59

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 70.922+/-0.222 χ^2/NDF:3822.8/12

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 65.528+/-0.181 χ^2/NDF:3783.8/10

Left: 67.676+/-0.140 χ^2/NDF: 7960.5/23

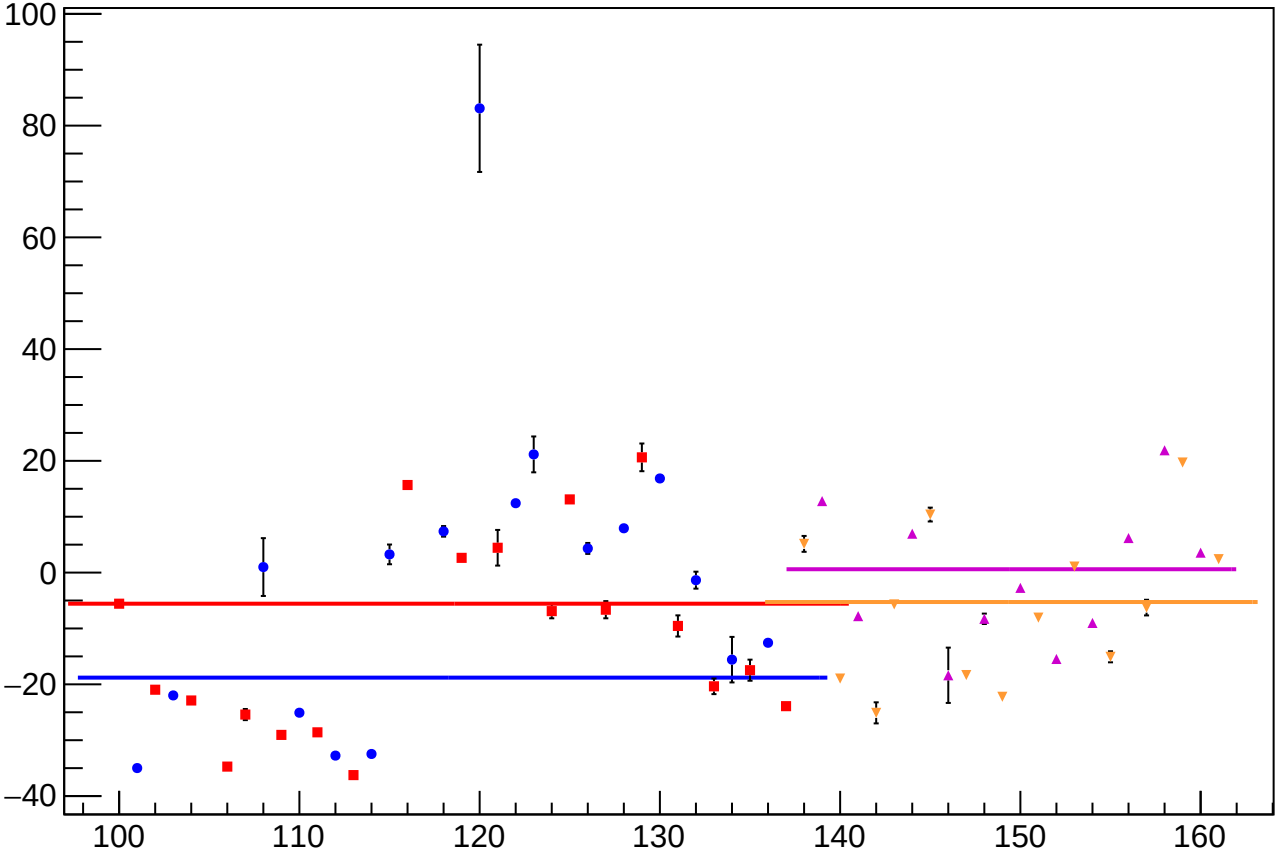
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:15448.4/27

Out: 27.342+/-0.000 χ^2/NDF:68036.9/31

All: 28.365+/-0.000 χ^2/NDF: 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -5.267+/-0.220 χ^2/NDF:4060.6/12

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 0.600+/-0.178 χ^2/NDF:3402.2/10

Left: -1.724+/-0.138 χ^2/NDF: 7893.1/23

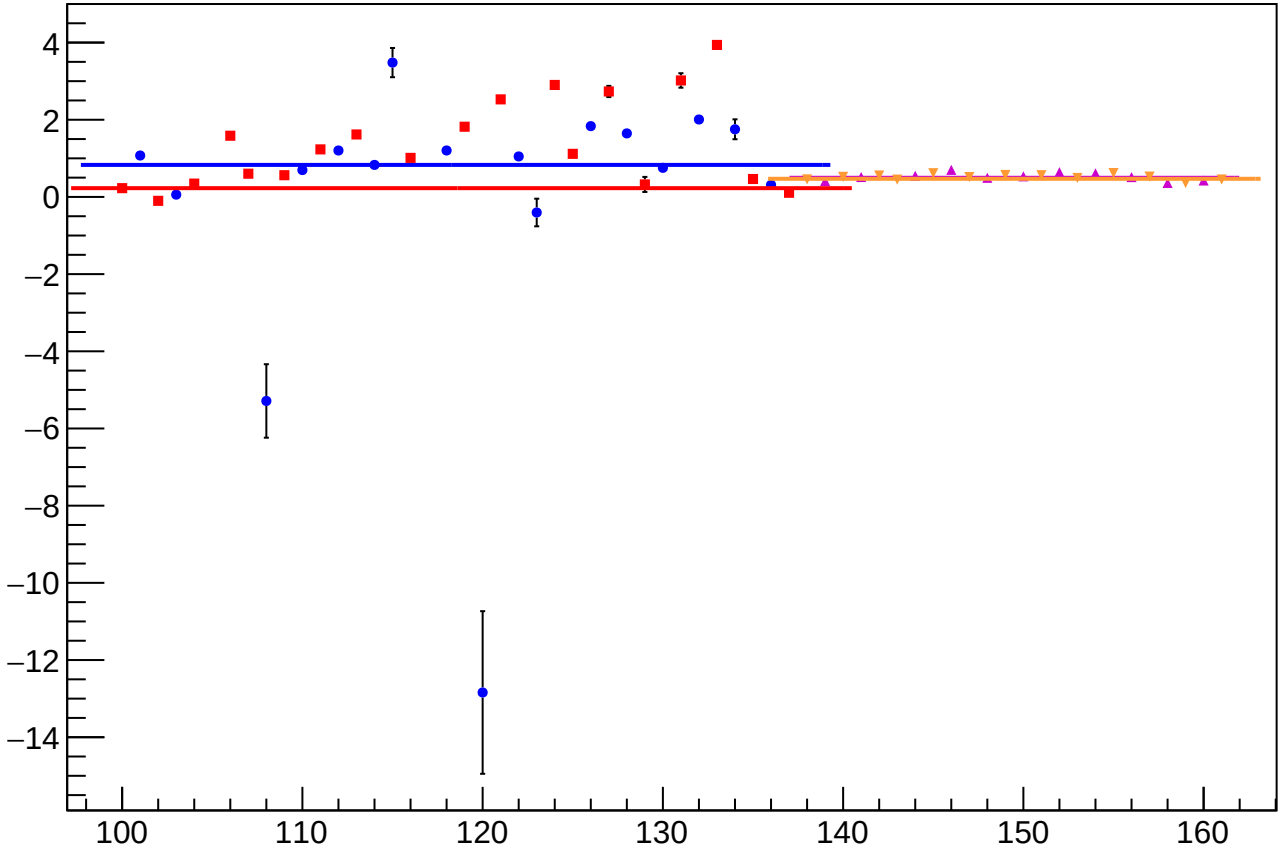
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -10.843+/-0.114 χ^2/NDF:22172.7/27

Out: -5.568+/-0.000 χ^2/NDF:27159.7/31

All: -5.568+/-0.000 χ^2/NDF: 51473.7/59

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.470+/-0.001 χ^2/NDF:4684.5/12

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.496+/-0.001 χ^2/NDF:6280.4/10

Left: 0.483+/-0.001 χ^2/NDF: 11175.1/23

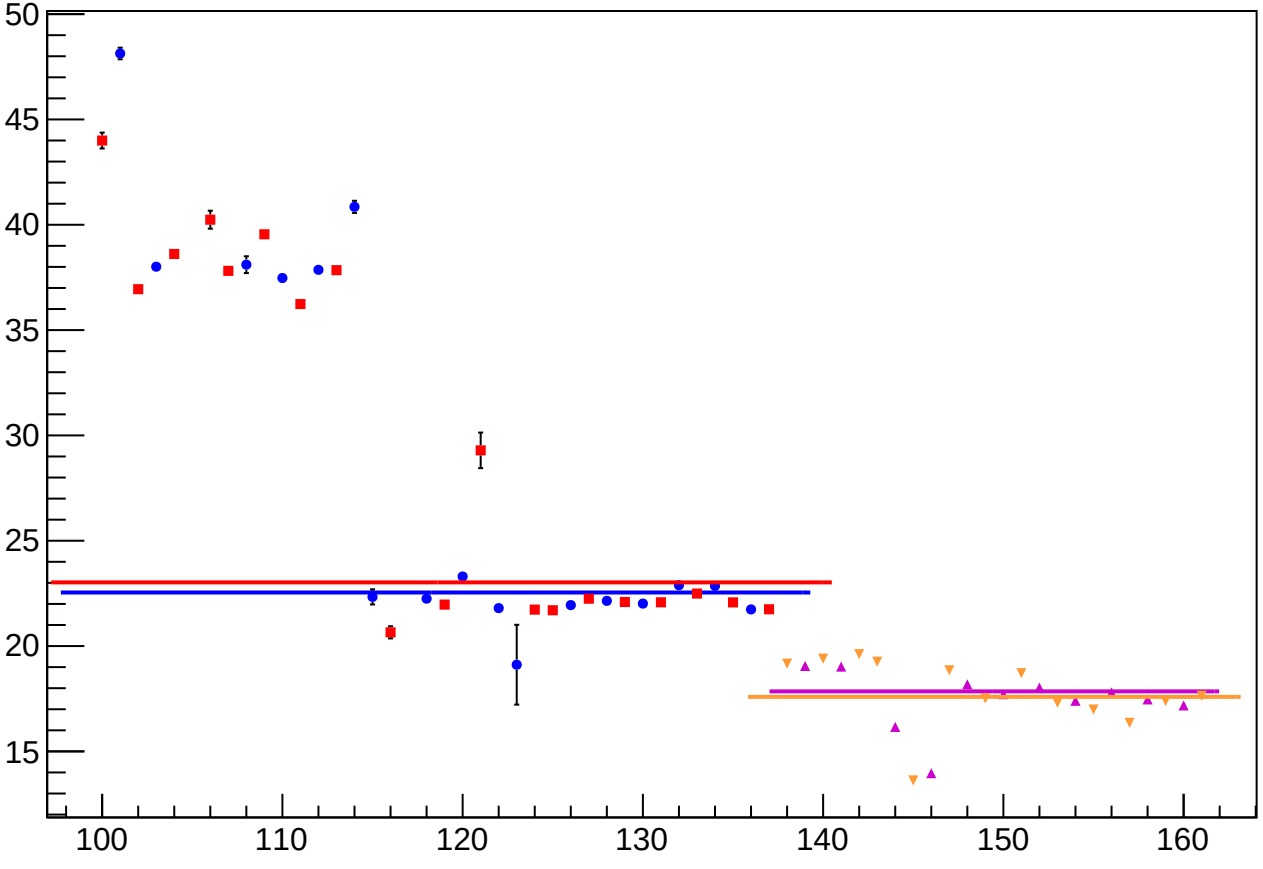
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:89938.1/27

Out: 0.227+/-0.000 χ^2/NDF:52185.5/31

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.589+/-0.006 χ^2/NDF:69951.5/12

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 17.849+/-0.008 χ^2/NDF:11608.2/10

Left: 17.691+/-0.005 χ^2/NDF: 82264.8/23

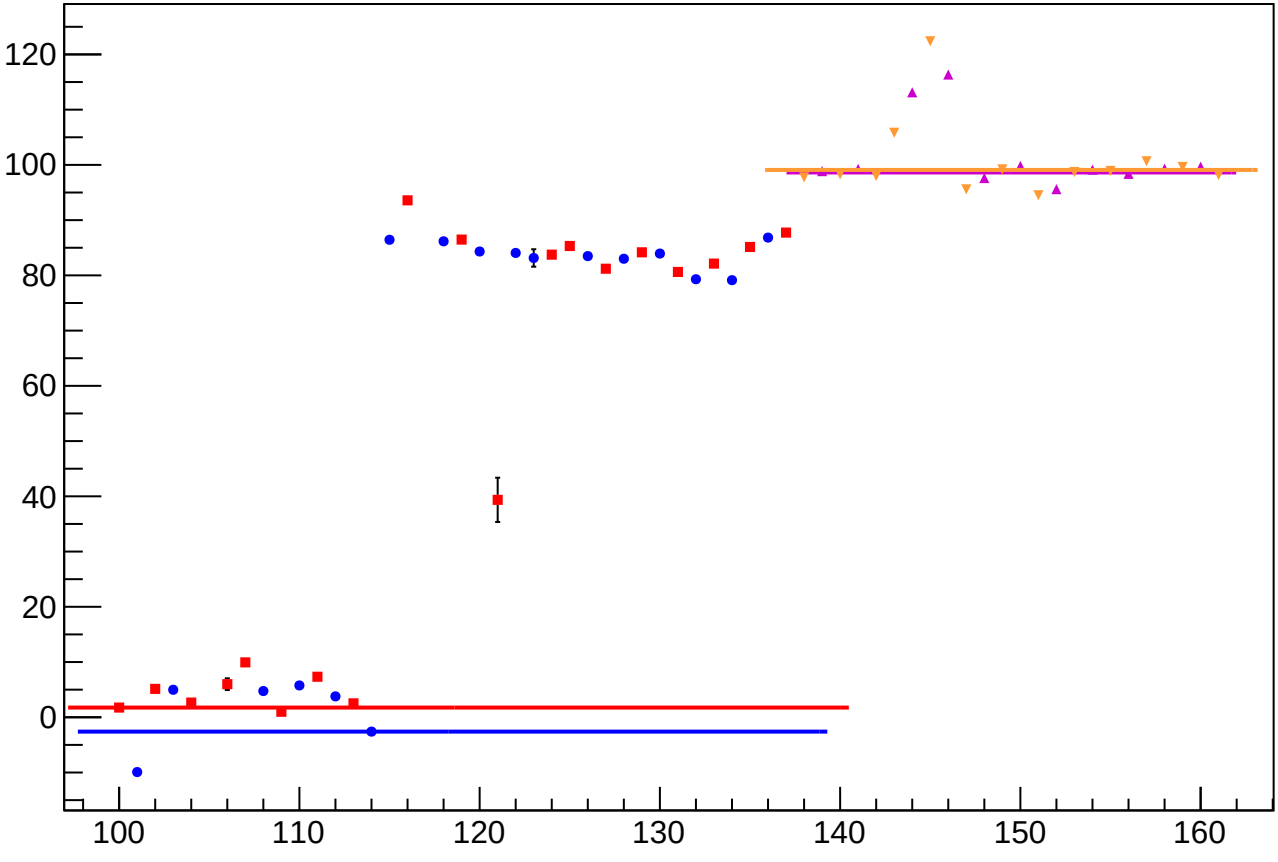
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 19.739+/-0.006 χ^2/NDF:268921.7/27

Out: 19.302+/-0.005 χ^2/NDF:482850.5/31

All: 19.488+/-0.004 χ^2/NDF: 754912.5/59

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.088+/-0.013 χ^2/NDF:68813.6/12

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 98.629+/-0.014 χ^2/NDF:16549.9/10

Left: 98.865+/-0.010 χ^2/NDF: 85935.6/23

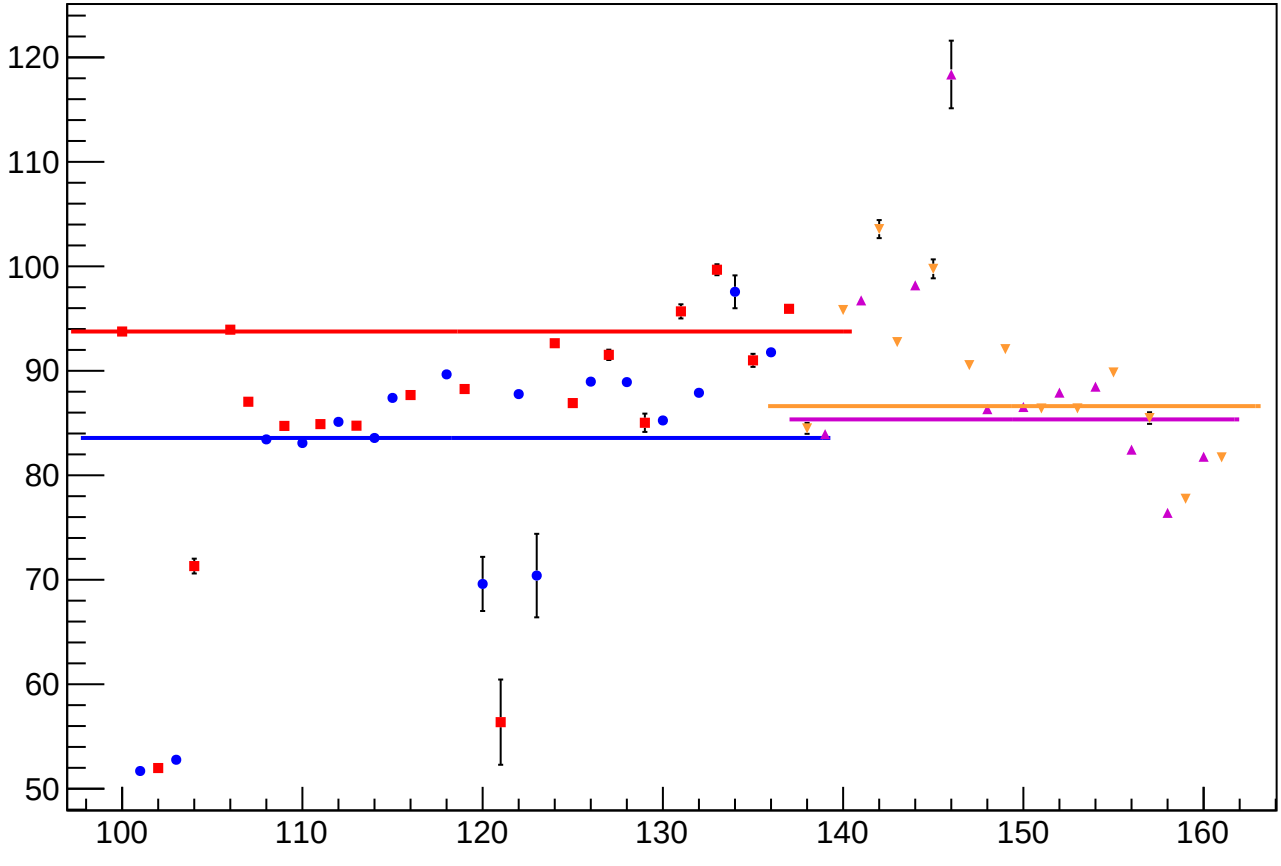
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:61542466.0/27

Out: 1.758+/-0.000 χ^2/NDF:57387927.7/31

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: 86.621+/-0.083 χ^2/NDF:5590.6/12

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 85.349+/-0.066 χ^2/NDF:5914.7/10

Left: 85.839+/-0.052 χ^2/NDF: 11648.0/23

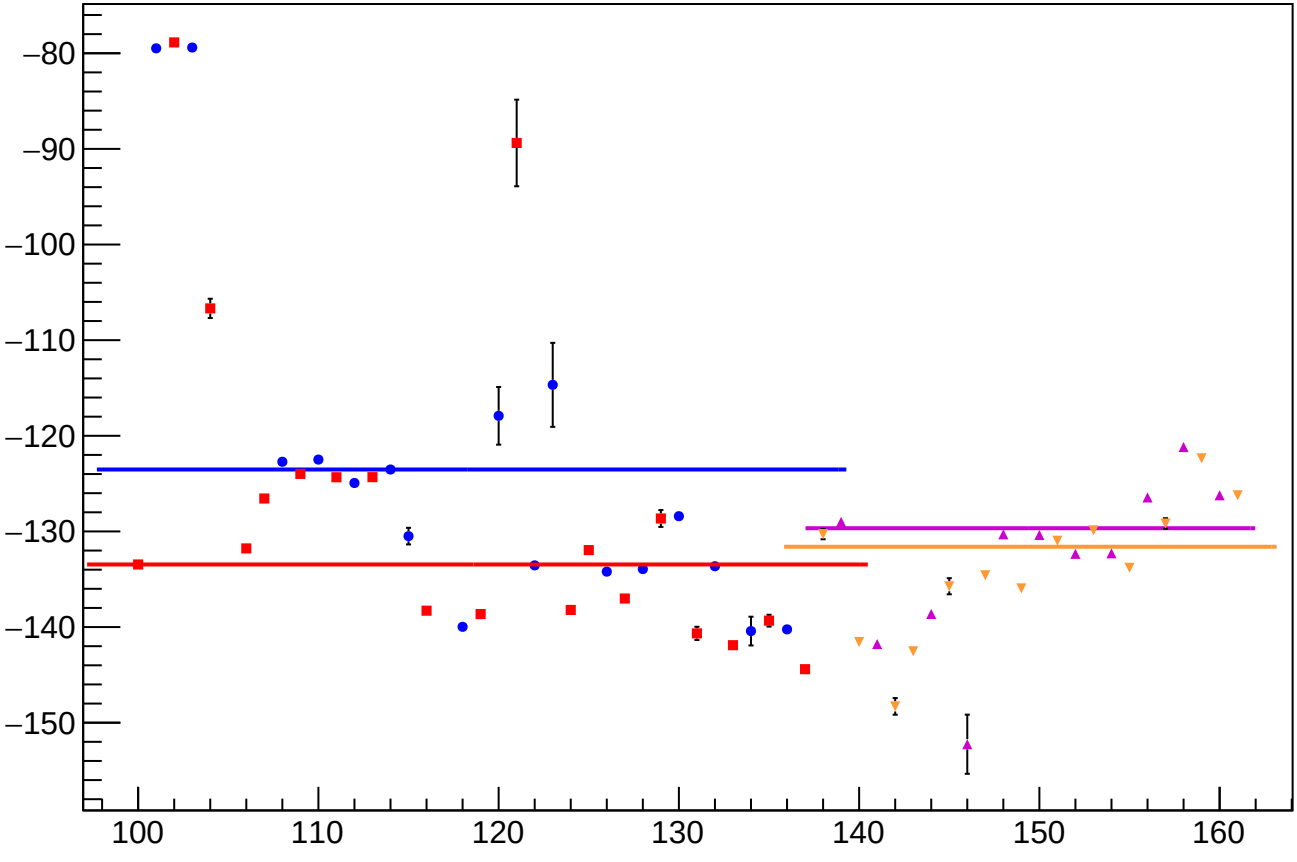
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:56106.0/27

Out: 93.762+/-0.000 χ^2/NDF:95763.2/31

All: 87.169+/-0.000 χ^2/NDF: 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -131.602+/-0.083 χ^2/NDF:7107.4/12

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.665+/-0.065 χ^2/NDF:5103.7/10

Left: -130.399+/-0.051 χ^2/NDF: 12550.0/23

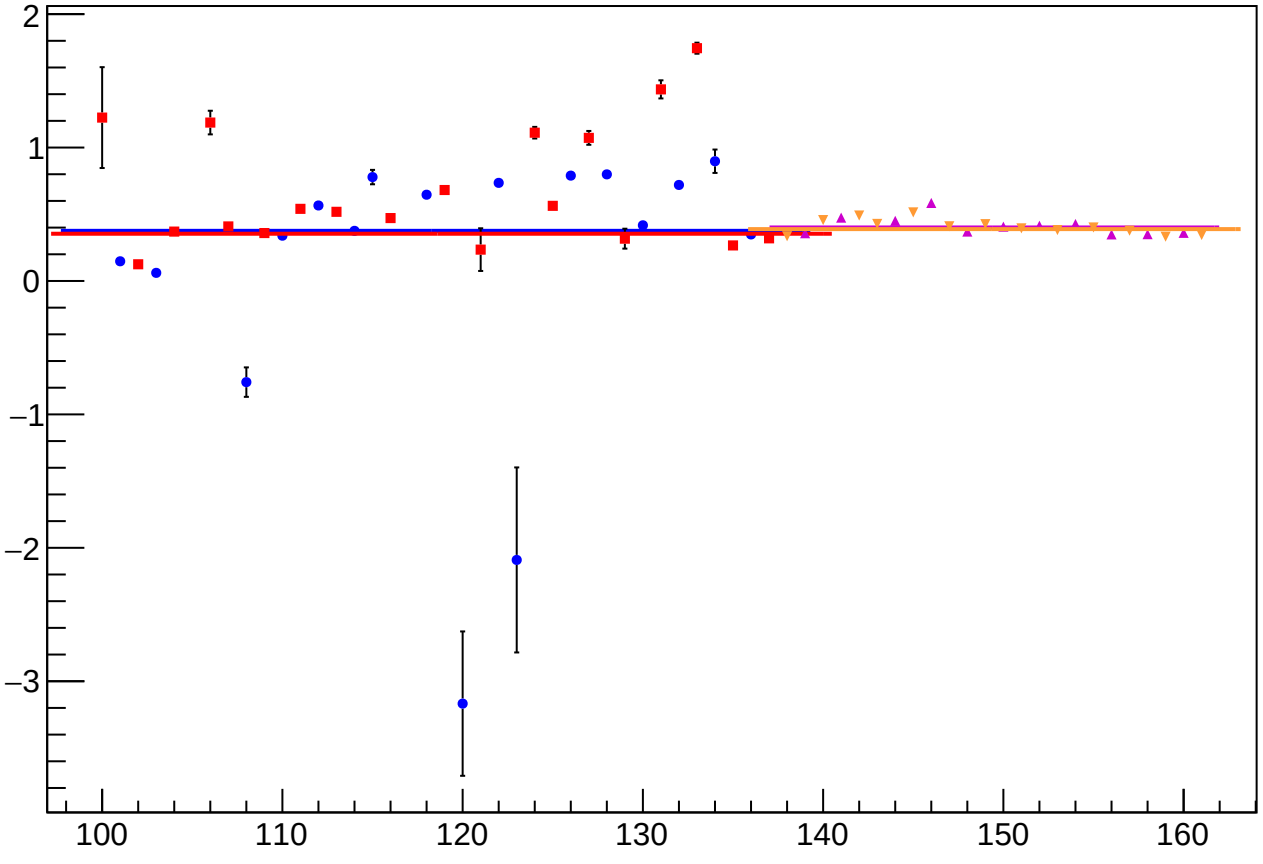
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:174460.7/27

Out: -133.456+/-0.000 χ^2/NDF:402502.7/31

All: -124.716+/-0.000 χ^2/NDF: 64467869901

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.389+/-0.001 χ^2/NDF:4576.2/12

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.401+/-0.001 χ^2/NDF:5872.2/10

Left: 0.396+/-0.000 χ^2/NDF: 10671.2/23

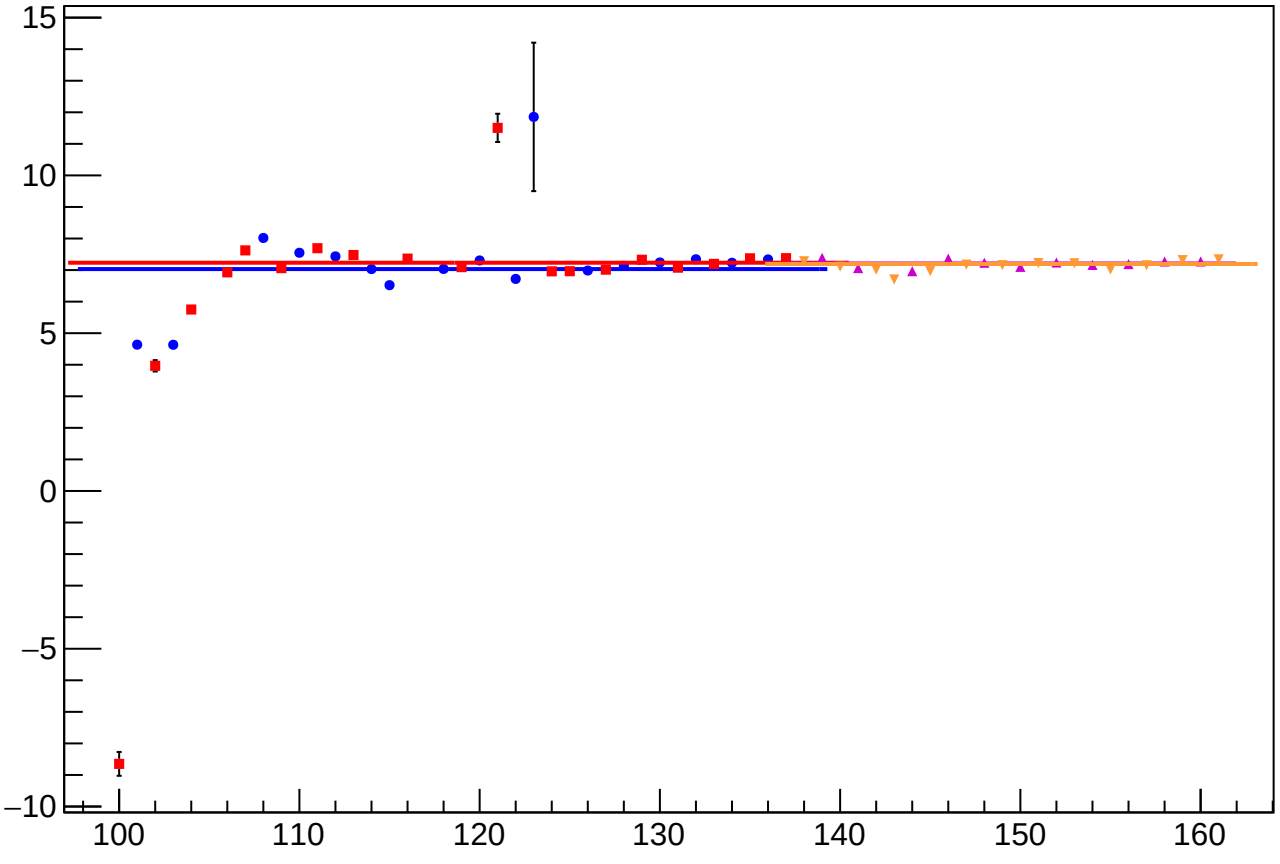
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:12071.4/27

Out: 0.384+/-0.001 χ^2/NDF:9620.3/31

All: 0.376+/-0.000 χ^2/NDF: 21875.3/59

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.194+/-0.001 χ^2/NDF:22903.2/12

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.210+/-0.001 χ^2/NDF:9983.3/10

Left: 7.202+/-0.001 χ^2/NDF: 33005.9/23

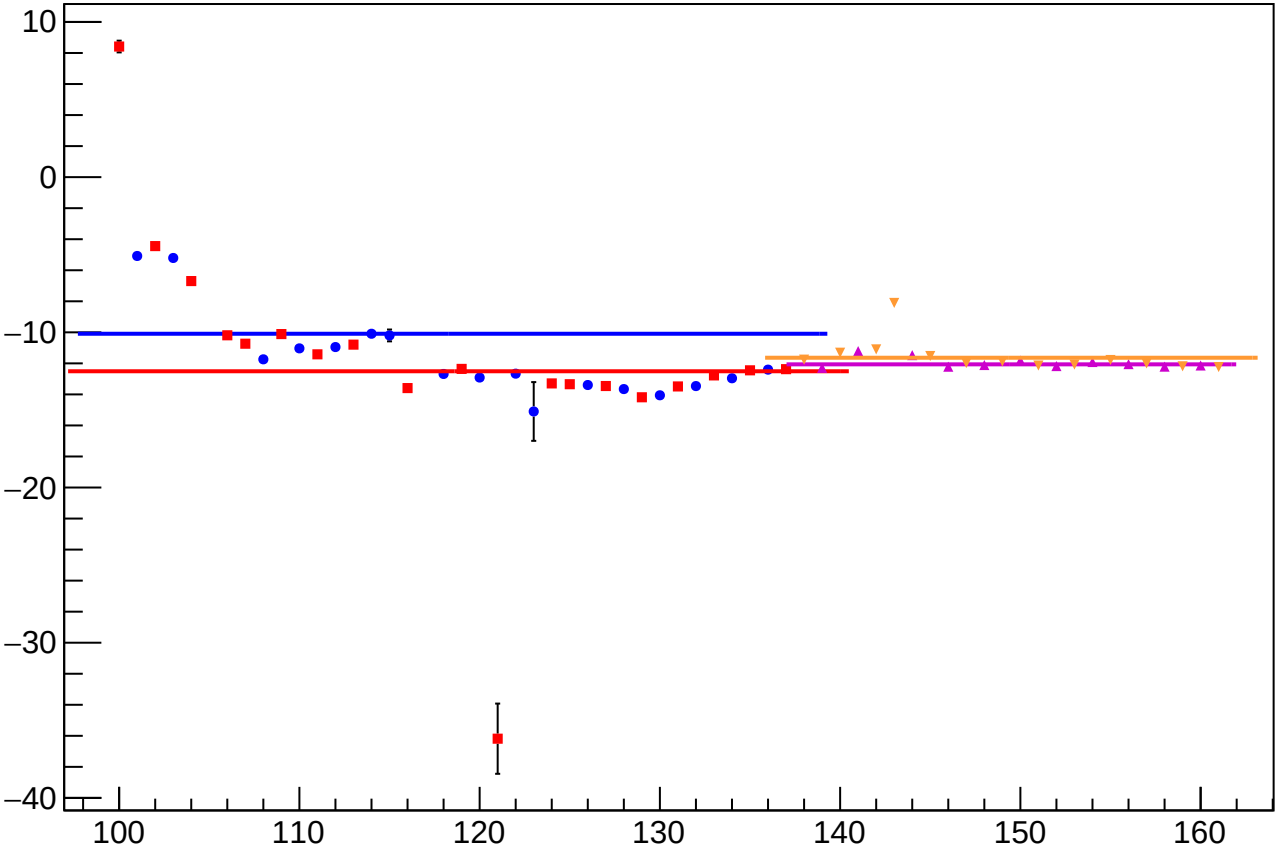
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:63618.6/27

Out: 7.200+/-0.001 χ^2/NDF:33189.6/31

All: 7.032+/-0.000 χ^2/NDF: 128569.3/59

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.637+/-0.002 χ^2/NDF:398782.6/12

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.063+/-0.002 χ^2/NDF:14762.4/10

Left: -11.855+/-0.001 χ^2/NDF: 438059.0/23

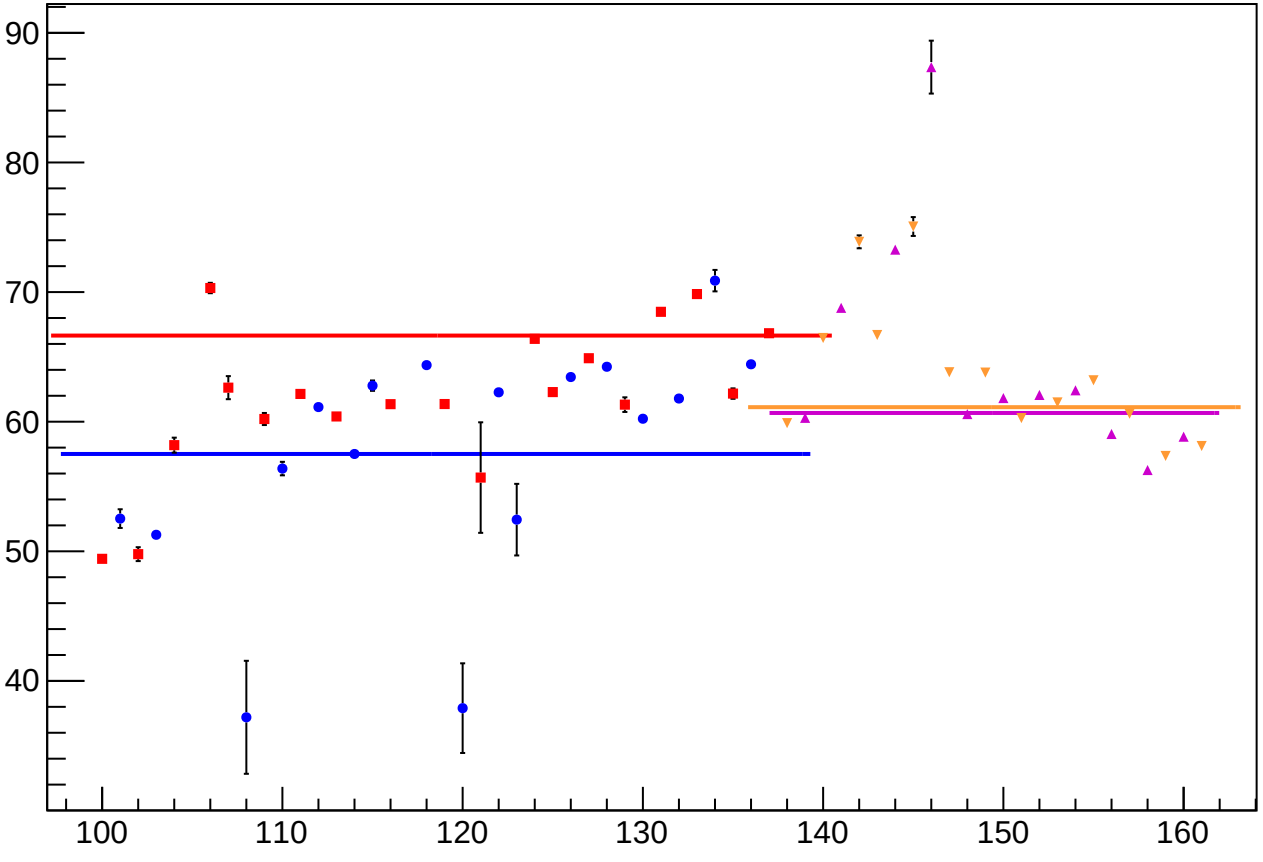
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:1633896.4/27

Out: -11.822+/-0.002 χ^2/NDF:544842.7/31

All: -10.092+/-0.000 χ^2/NDF: 3180829.9/59

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.120+/-0.048 χ^2/NDF:5121.2/12

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 60.673+/-0.038 χ^2/NDF:5574.8/10

Left: 60.846+/-0.030 χ^2/NDF: 10748.3/23

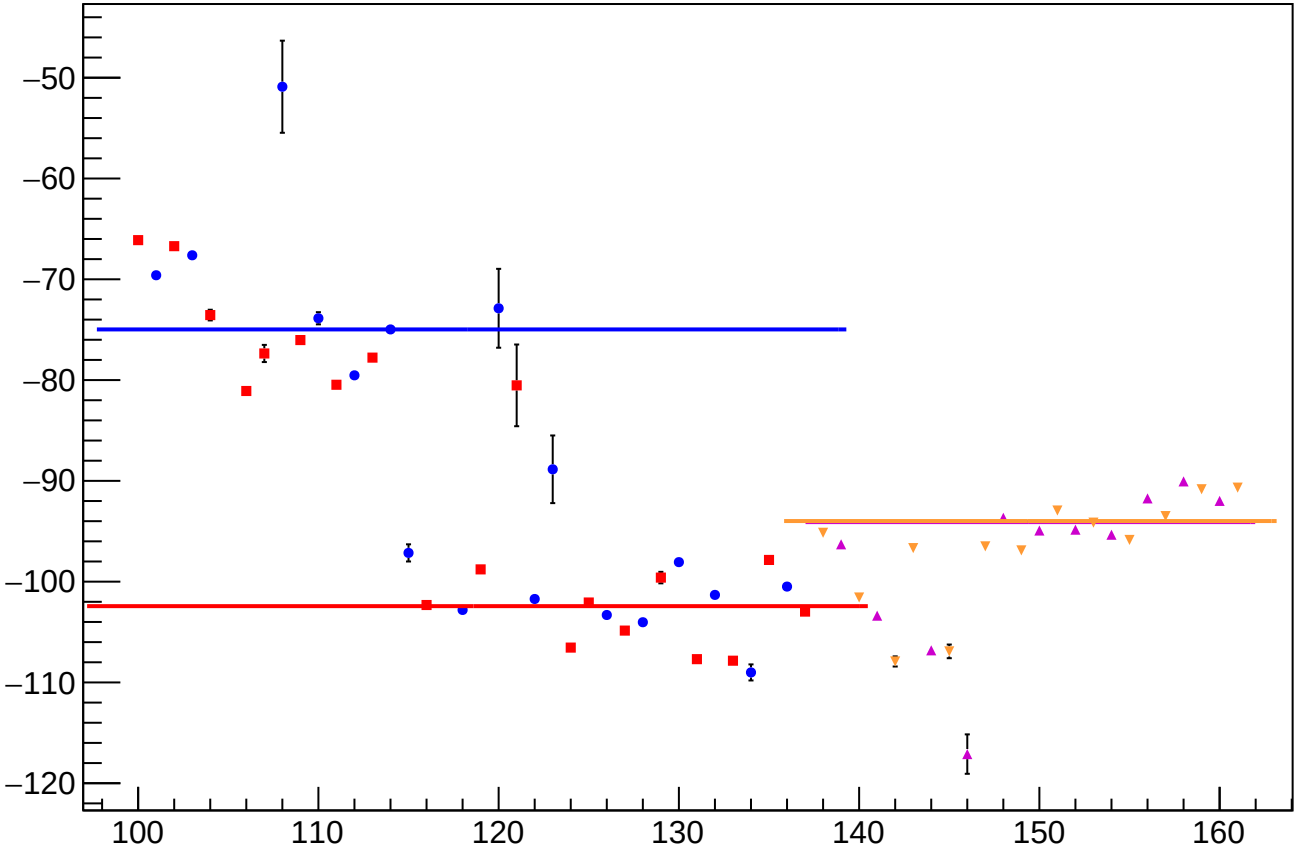
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:20443.0/27

Out: 66.269+/-0.013 χ^2/NDF:25415.2/31

All: 57.510+/-0.000 χ^2/NDF: 527453.5/59

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -93.986+/-0.049 χ^2/NDF:4671.1/12

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -94.091+/-0.039 χ^2/NDF:6139.0/10

Left: -94.050+/-0.030 χ^2/NDF: 10812.9/23

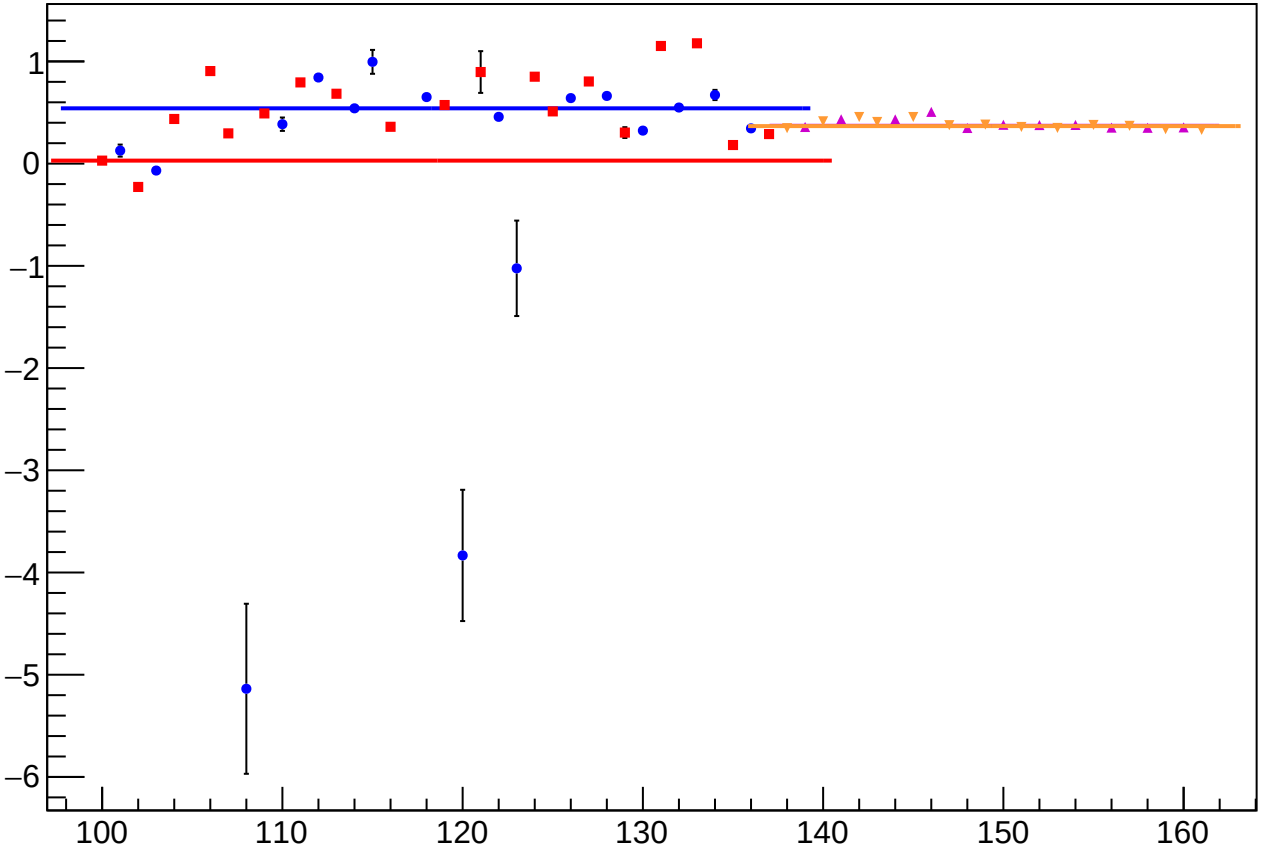
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:377890.1/27

Out: -101.428+/-0.017 χ^2/NDF:81716.1/31

All: -74.974+/-0.000 χ^2/NDF: 2961950.9/59

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.367+/-0.000 χ^2/NDF:3034.9/12

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.370+/-0.000 χ^2/NDF:4868.0/10

Left: 0.369+/-0.000 χ^2/NDF: 7930.3/23

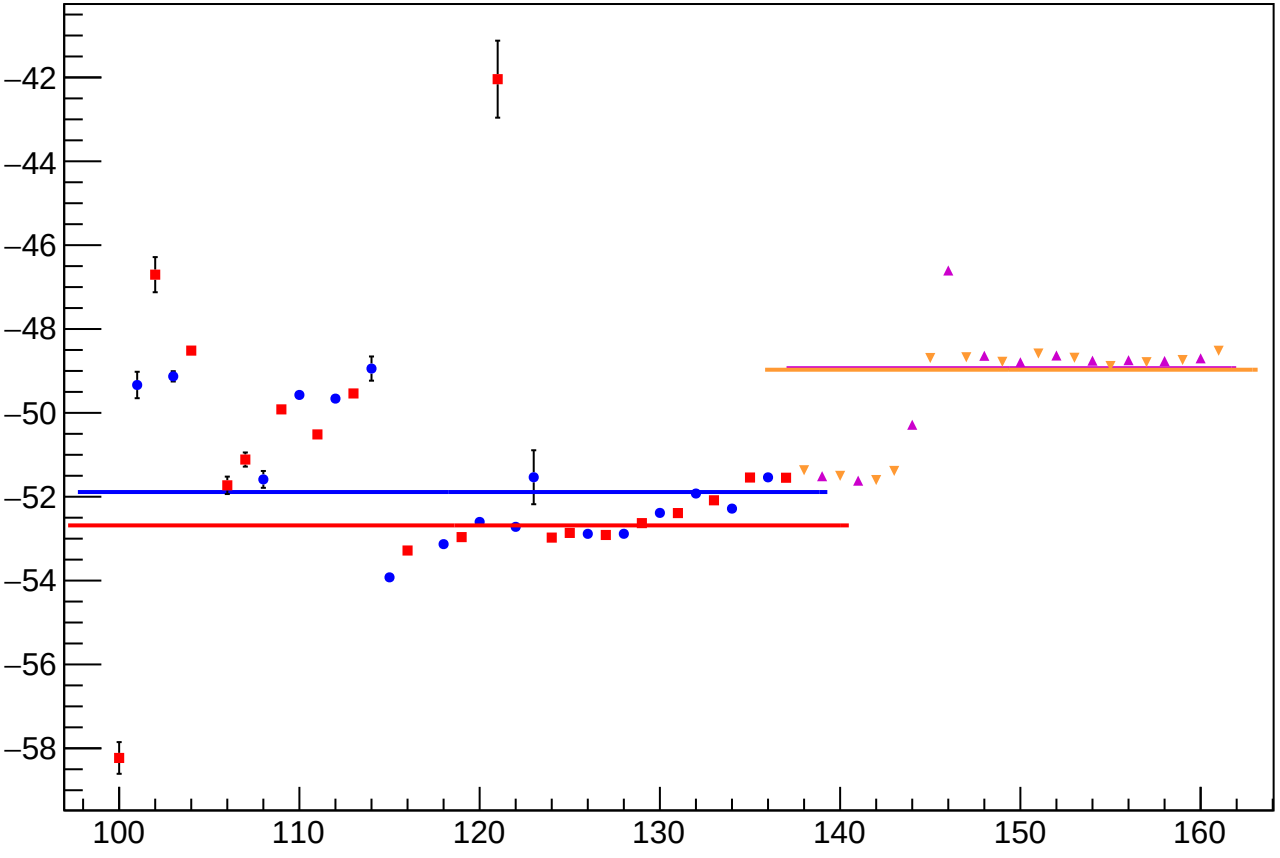
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:297257.2/27

Out: 0.030+/-0.000 χ^2/NDF:629592.1/31

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: -48.971+/-0.001 χ^2/NDF:354171.3/12

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.934+/-0.001 χ^2/NDF:516571.0/10

Left: -48.948+/-0.001 χ^2/NDF: 871183.1/23

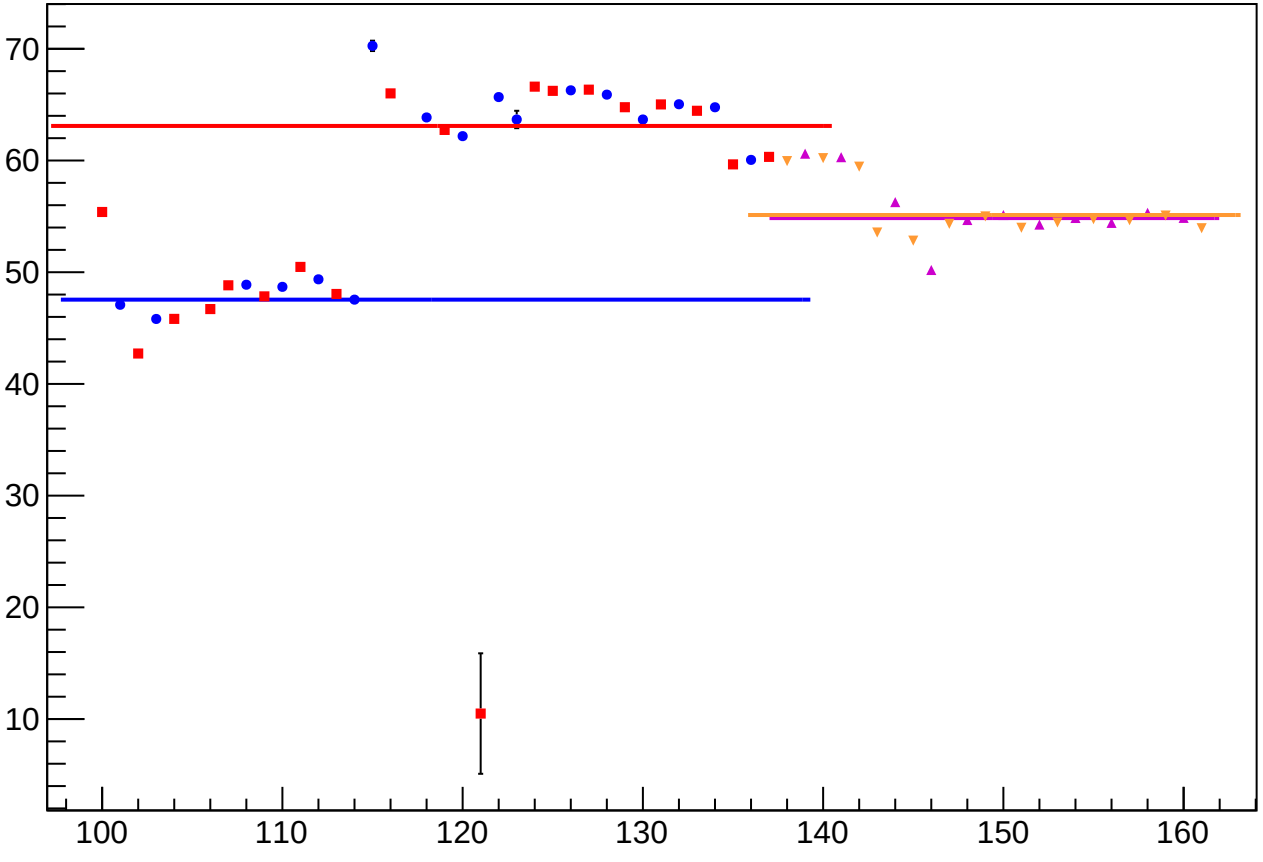
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.492+/-0.001 χ^2/NDF:2019494.2/27

Out: -49.805+/-0.001 χ^2/NDF:2042122.0/31

All: -49.614+/-0.001 χ^2/NDF: 4102072.8/59

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 55.121+/-0.003 χ^2/NDF:232612.4/12

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.845+/-0.003 χ^2/NDF:80325.9/10

Left: 54.957+/-0.002 χ^2/NDF: 316858.5/23

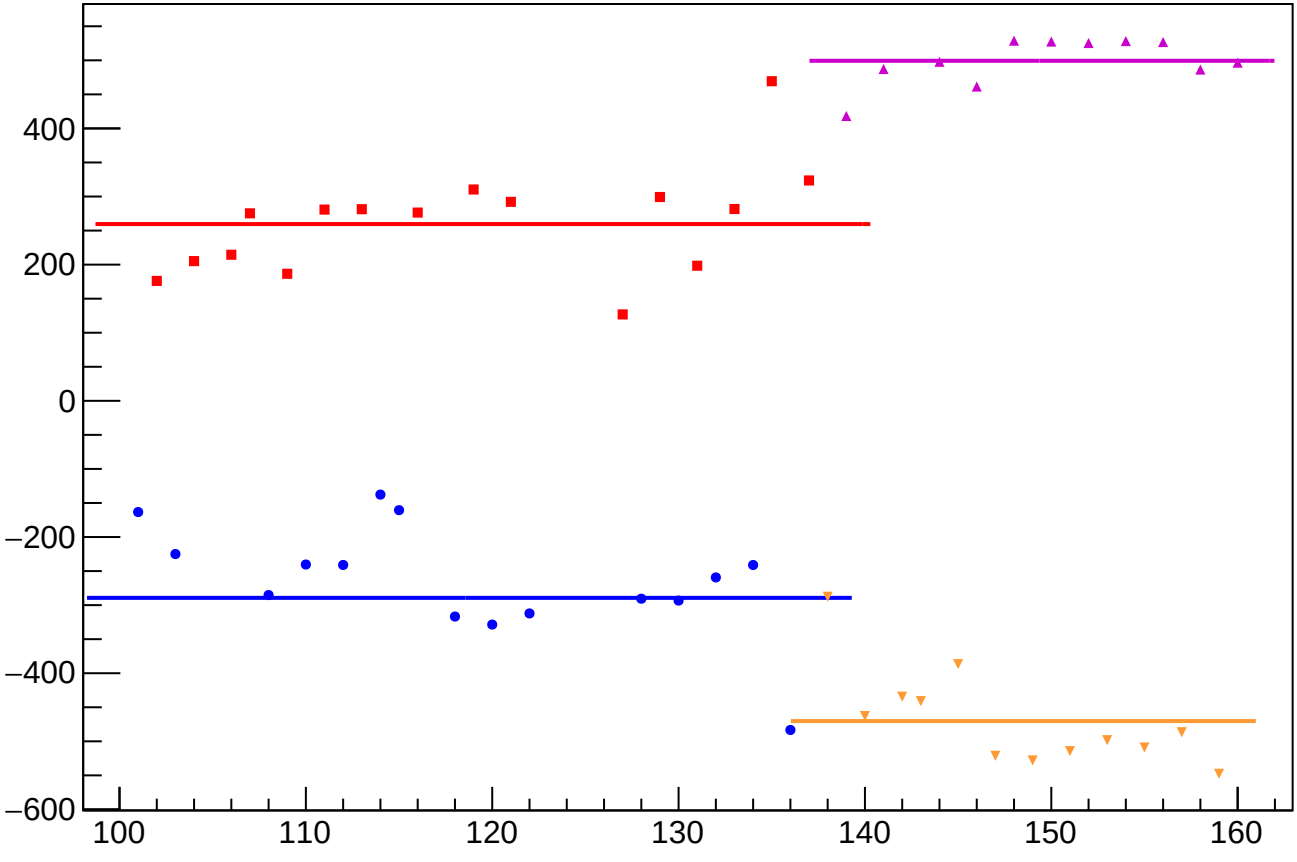
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:10342151.7/27

Out: 56.491+/-0.003 χ^2/NDF:1509156.9/31

All: 47.545+/-0.000 χ^2/NDF: 20192459.6/59

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

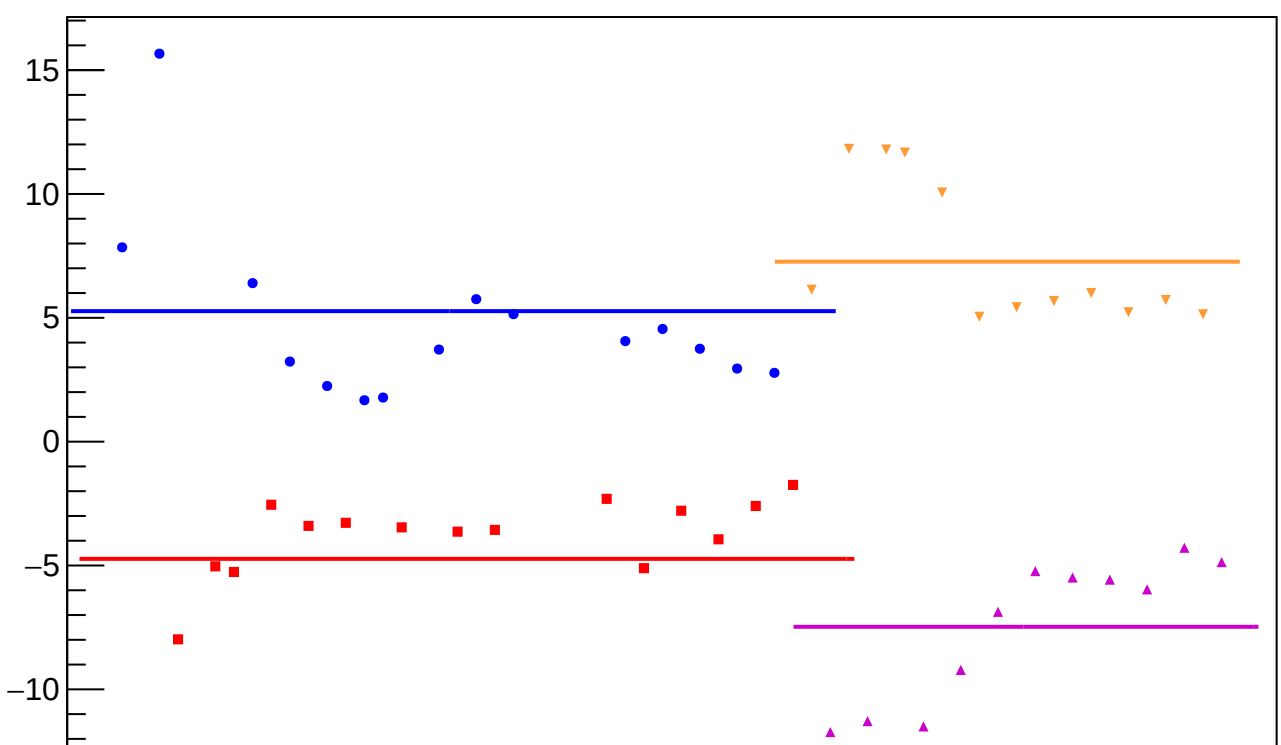
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

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

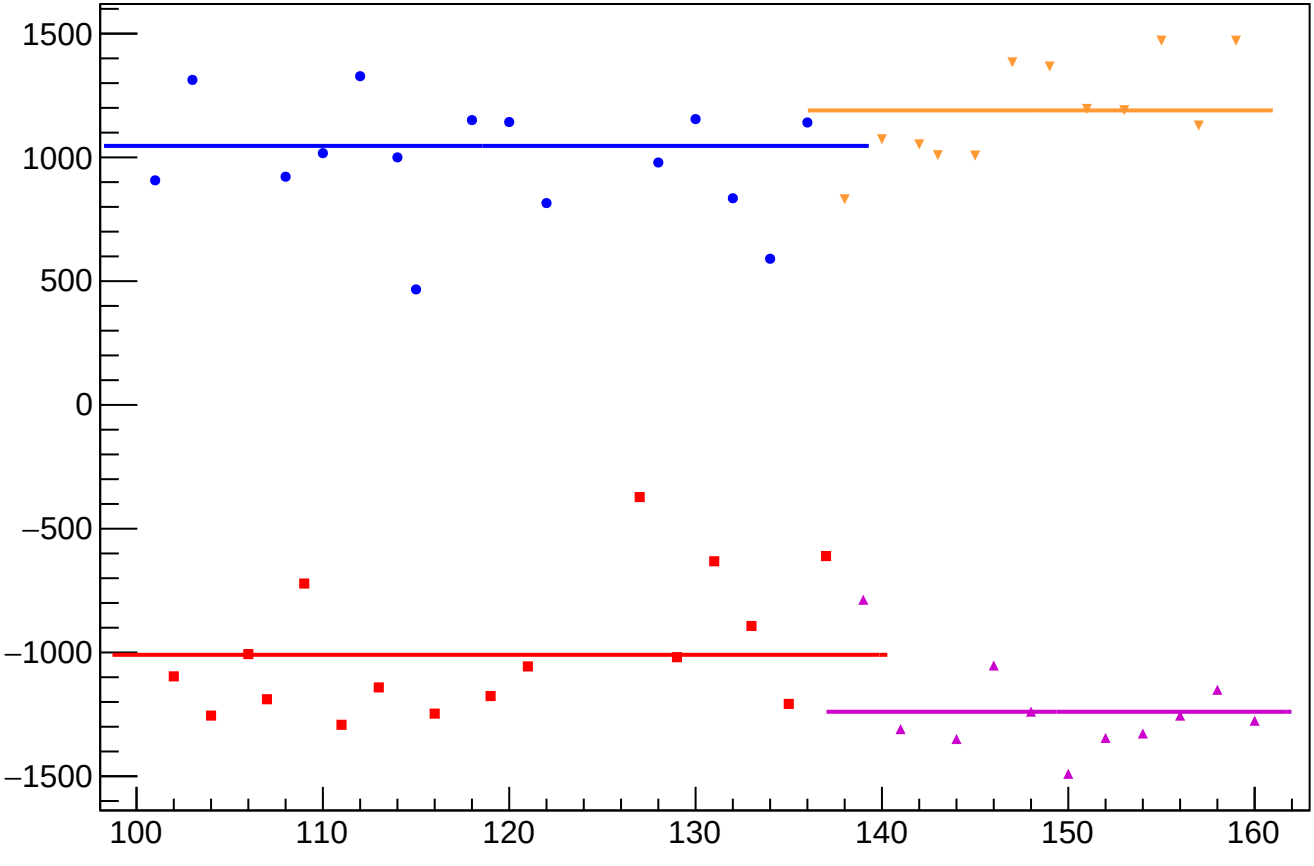
Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

Out: 2.215+/-0.000 χ^2/NDF:69010722061877531 8

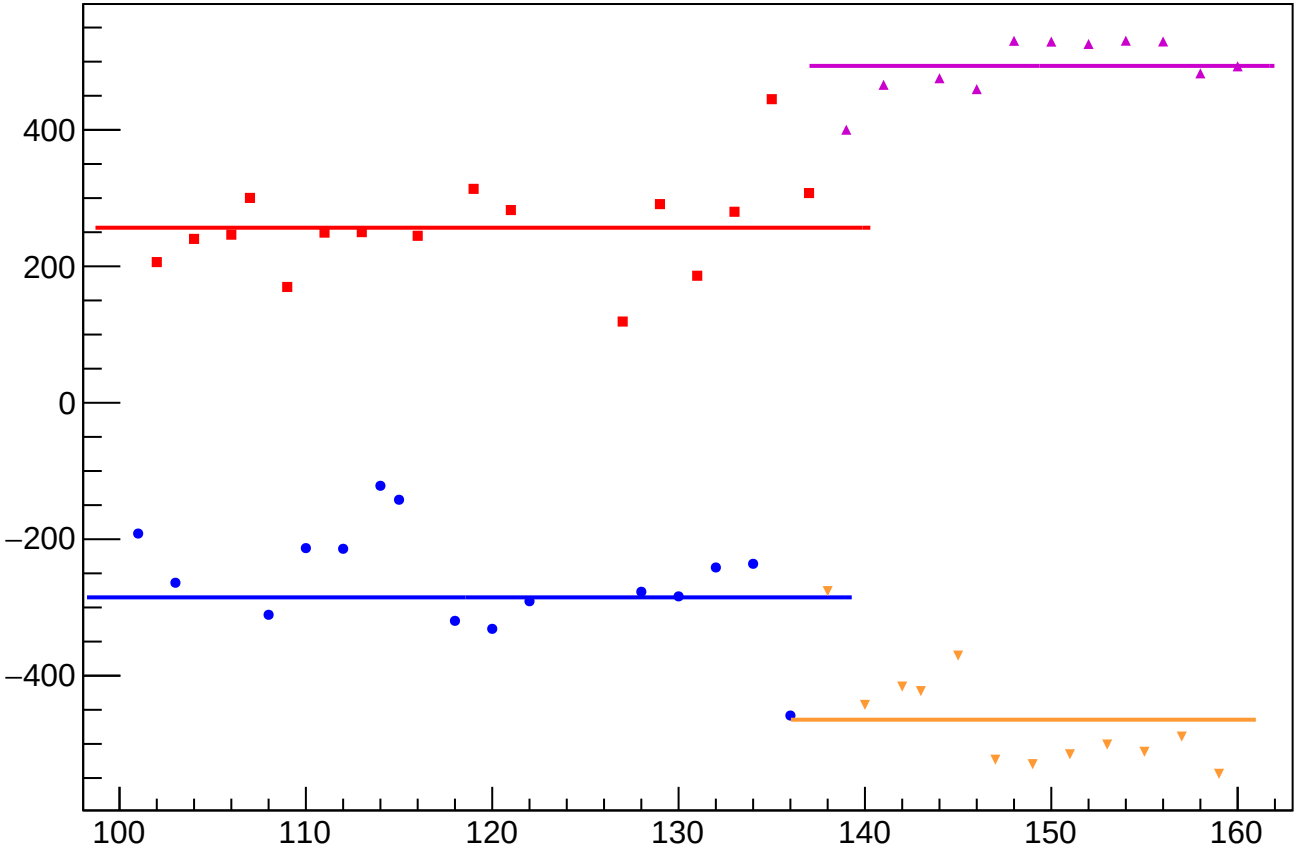
All: 0.007+/-0.000 χ^2/NDF: 16219425295293

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



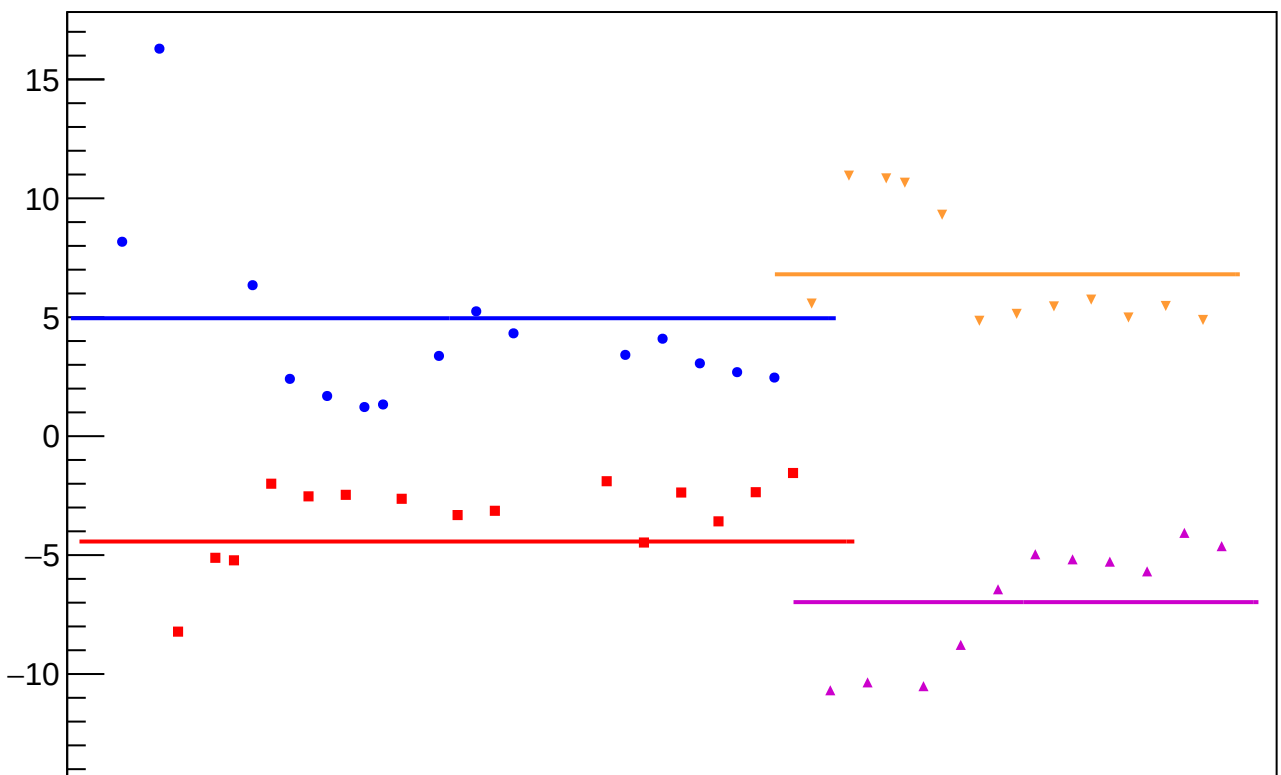
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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

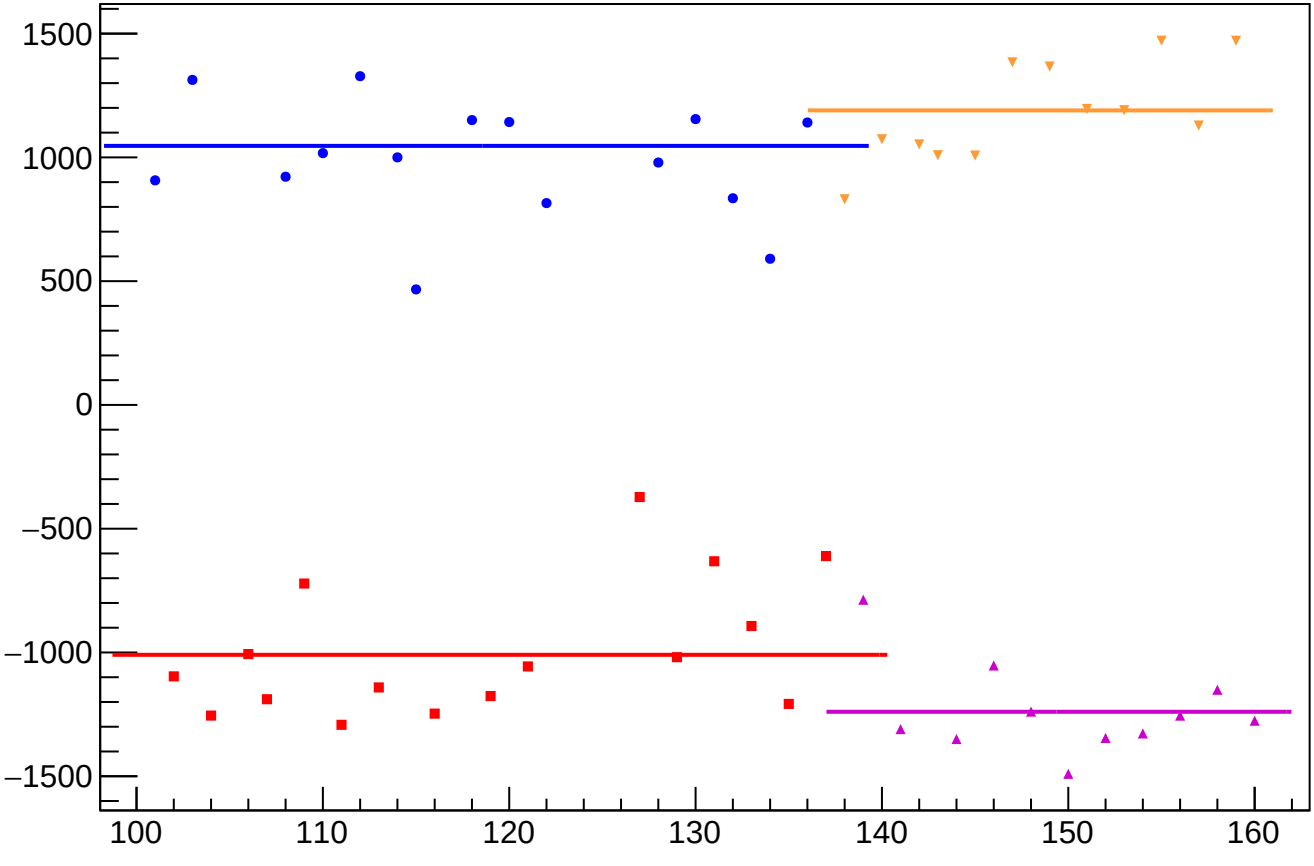
Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Out: 2.075+/-0.000 χ^2/NDF:62353311889232177 8

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

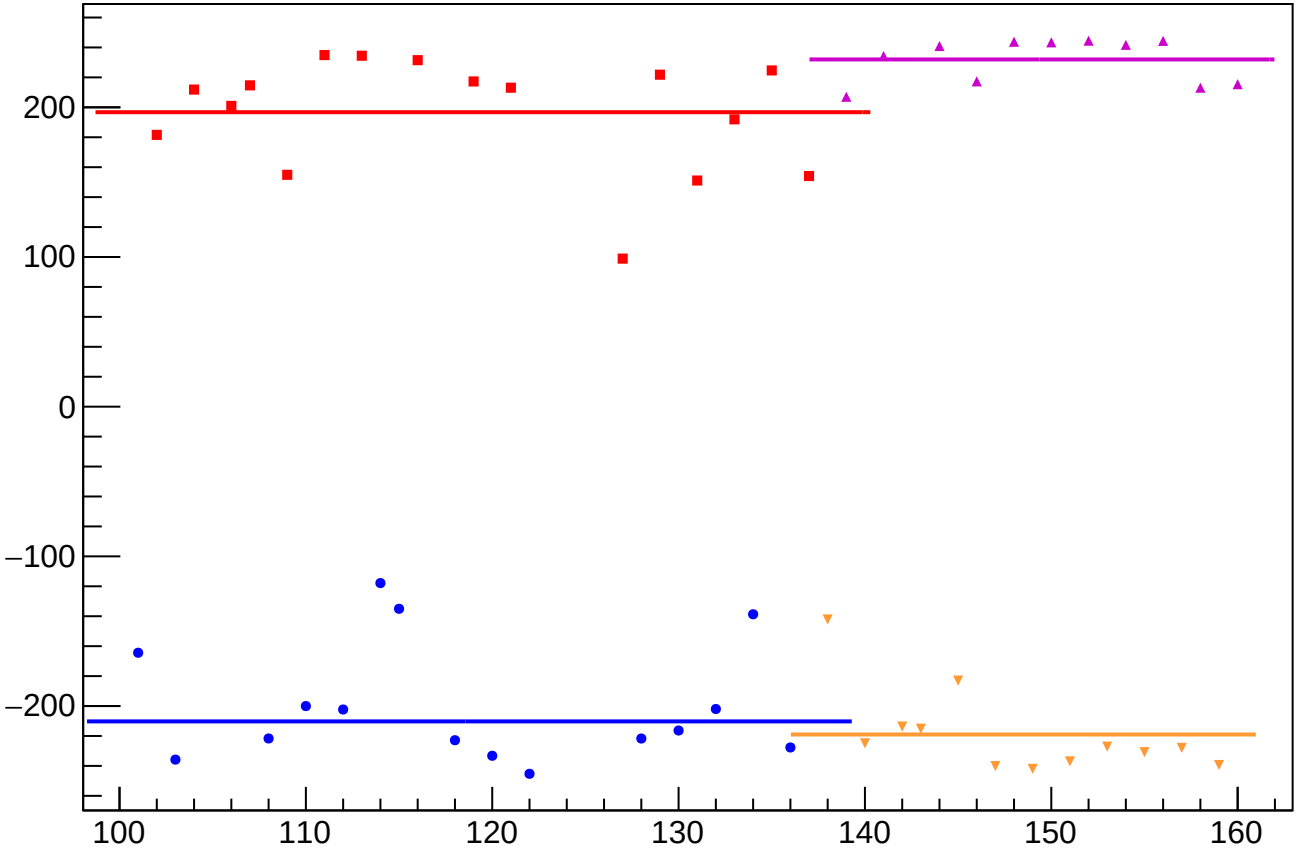
All: 0.018+/-0.000 χ^2/NDF: 1462068445773 8

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



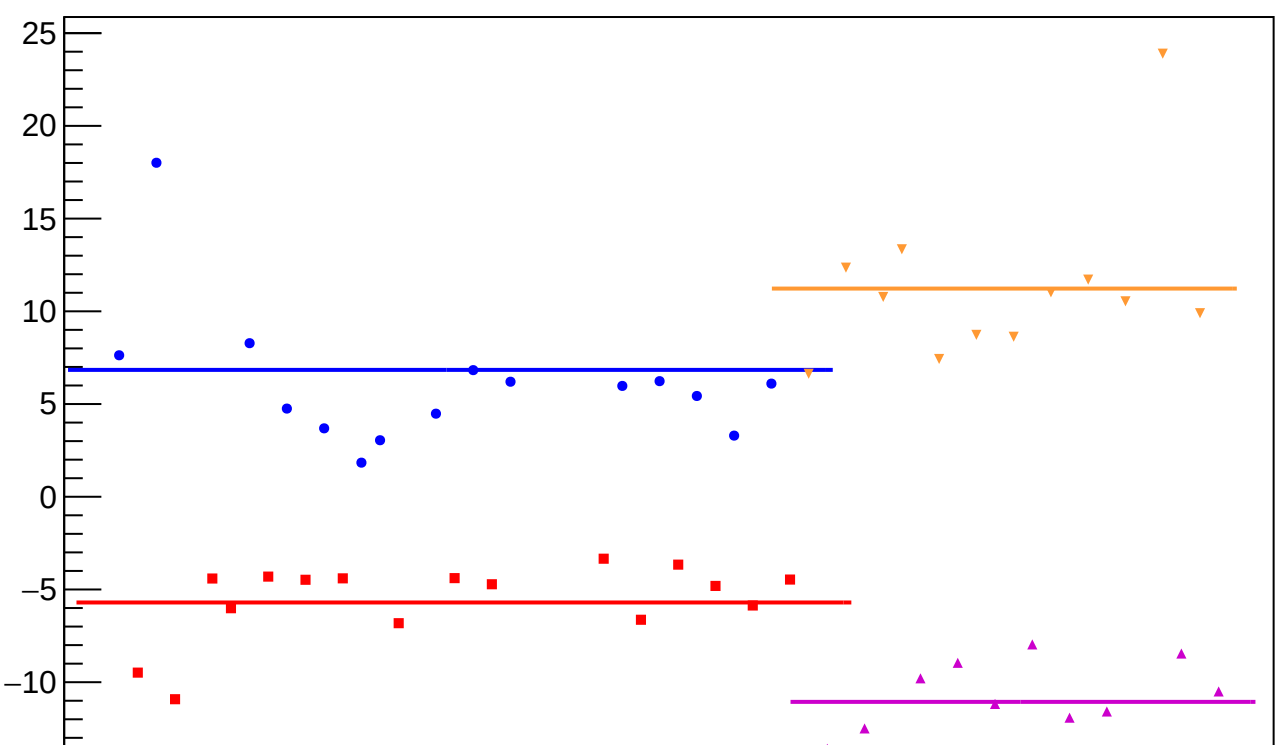
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 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



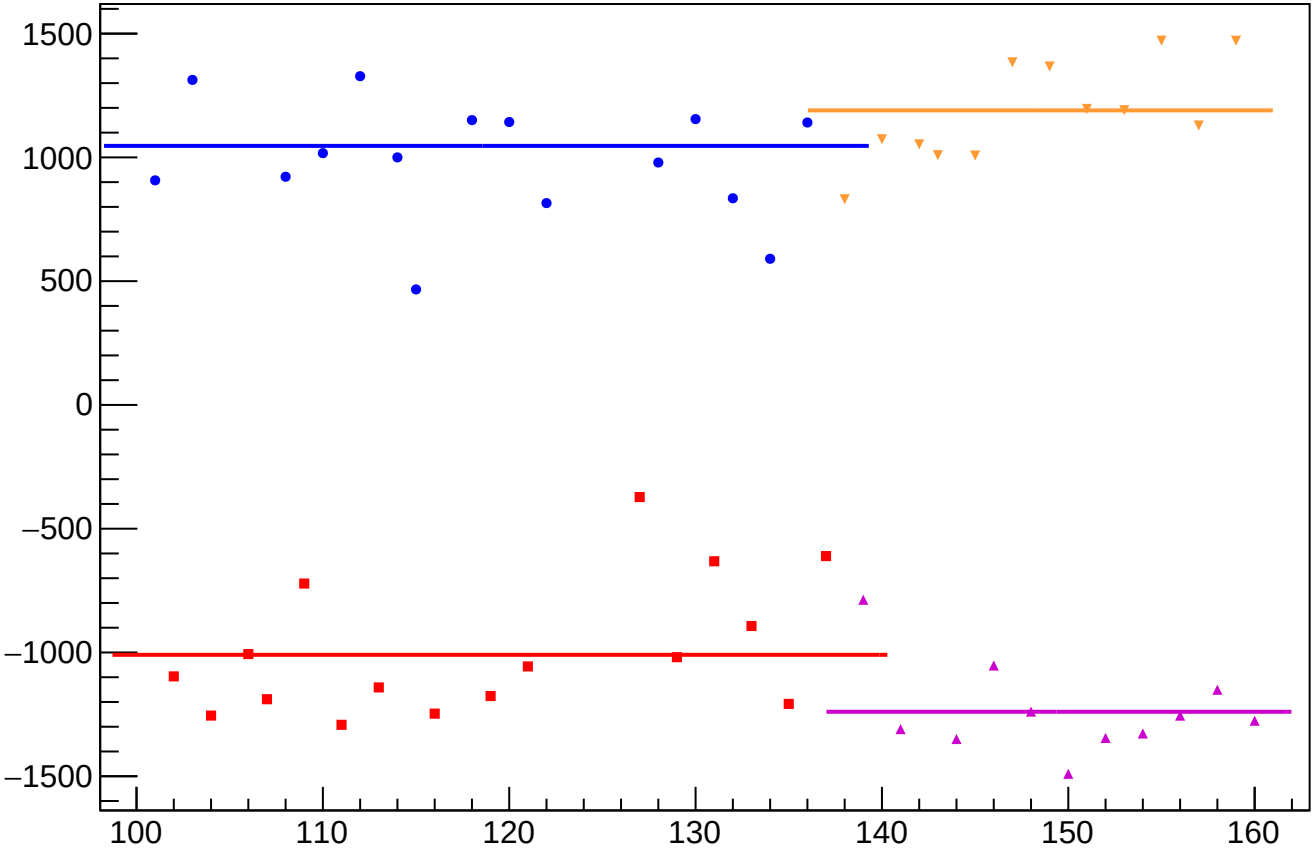
Left: 7.345+/-0.000 χ^2/NDF: 94526045033422364
Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14
Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263
Left Out: -219.010+/-0.000 χ^2/NDF:7311322343420992689001316159775047 68.0/11
In: 49.520+/-0.000 χ^2/NDF:75312551342115055
Right 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



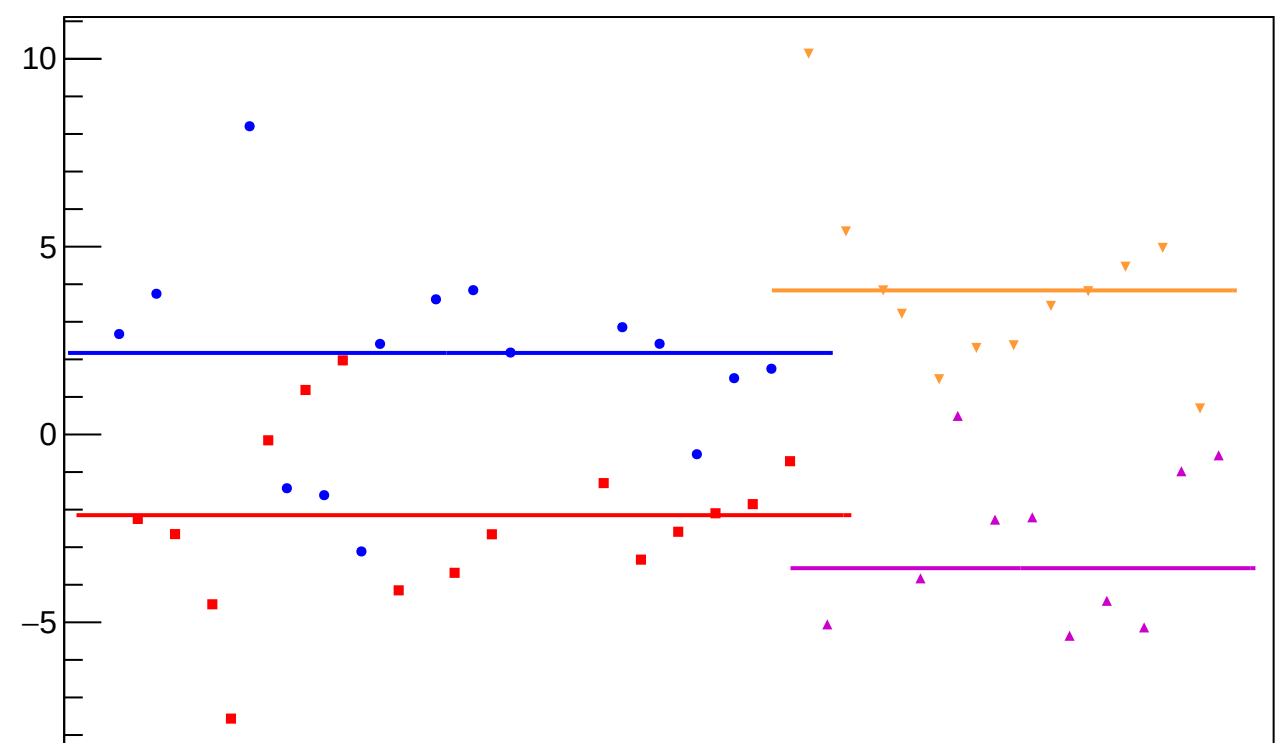
Left: 0.040+/-0.000 χ^2/NDF: 25018583674186082
Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14
Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291
Left Out: 11.226+/-0.000 χ^2/NDF:171578317285058105545435772081930 24.0/11
In: -3.675+/-0.000 χ^2/NDF:135955249397154669
Right Out: -5.701+/-0.000 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

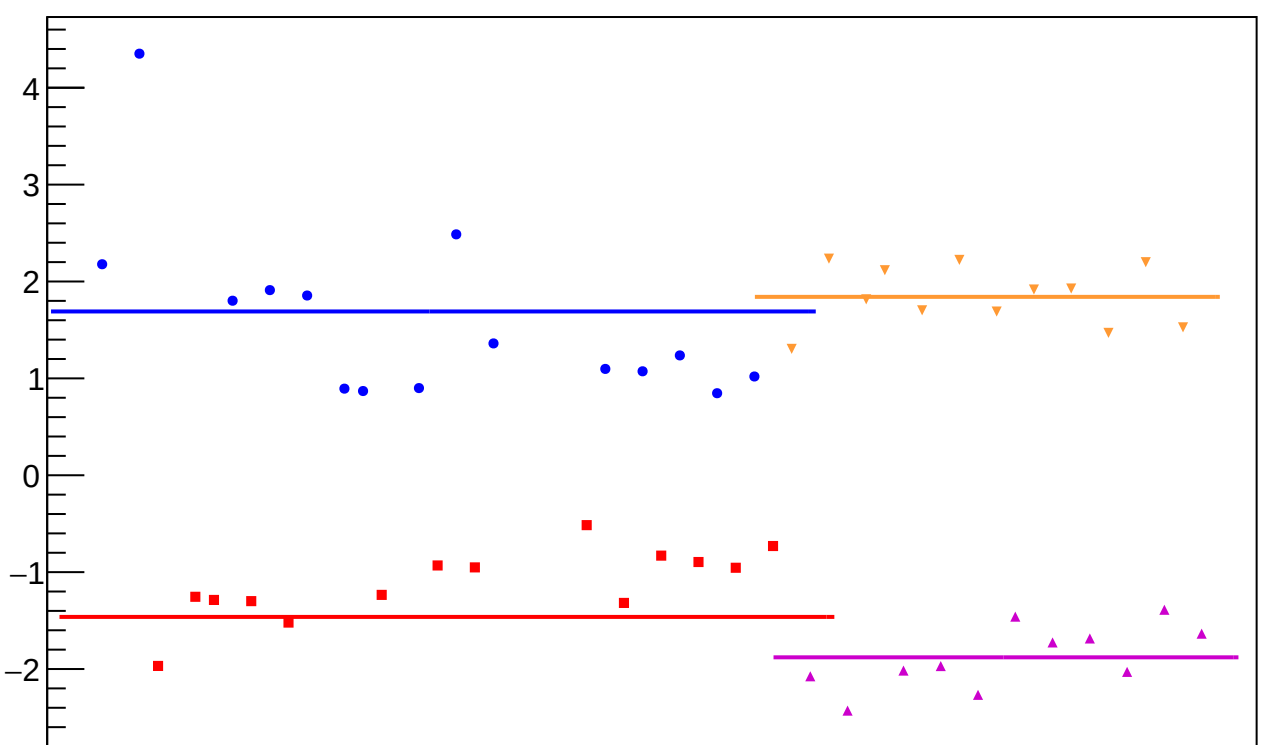
Right Out: -2.148+/-0.000 χ^2/NDF: 3093887336239378959606321931878400.0/15

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

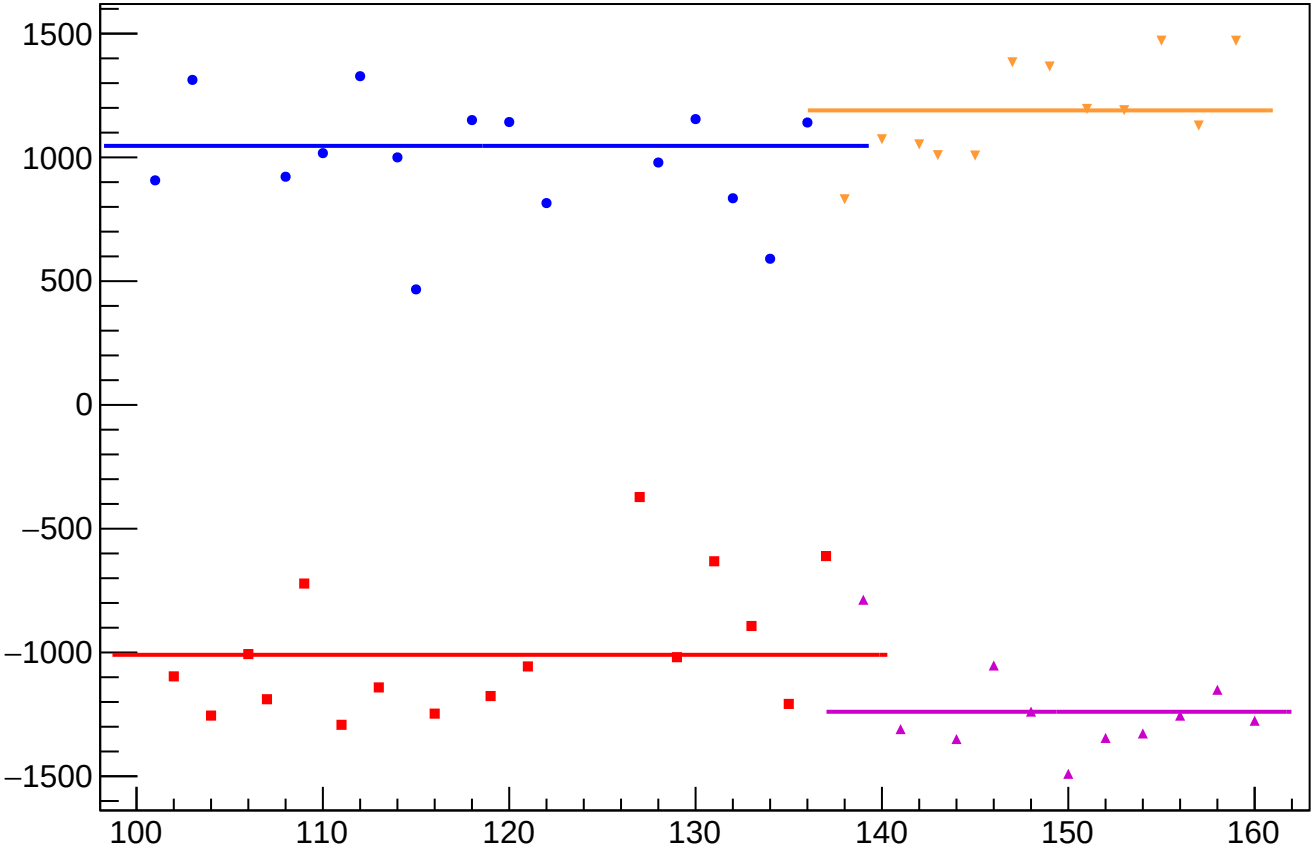
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.450+/-0.000 χ^2/NDF:474372194444709163

Left In: -1.879+/-0.000 χ^2/NDF:909680522681123096173429821276 16.0/10

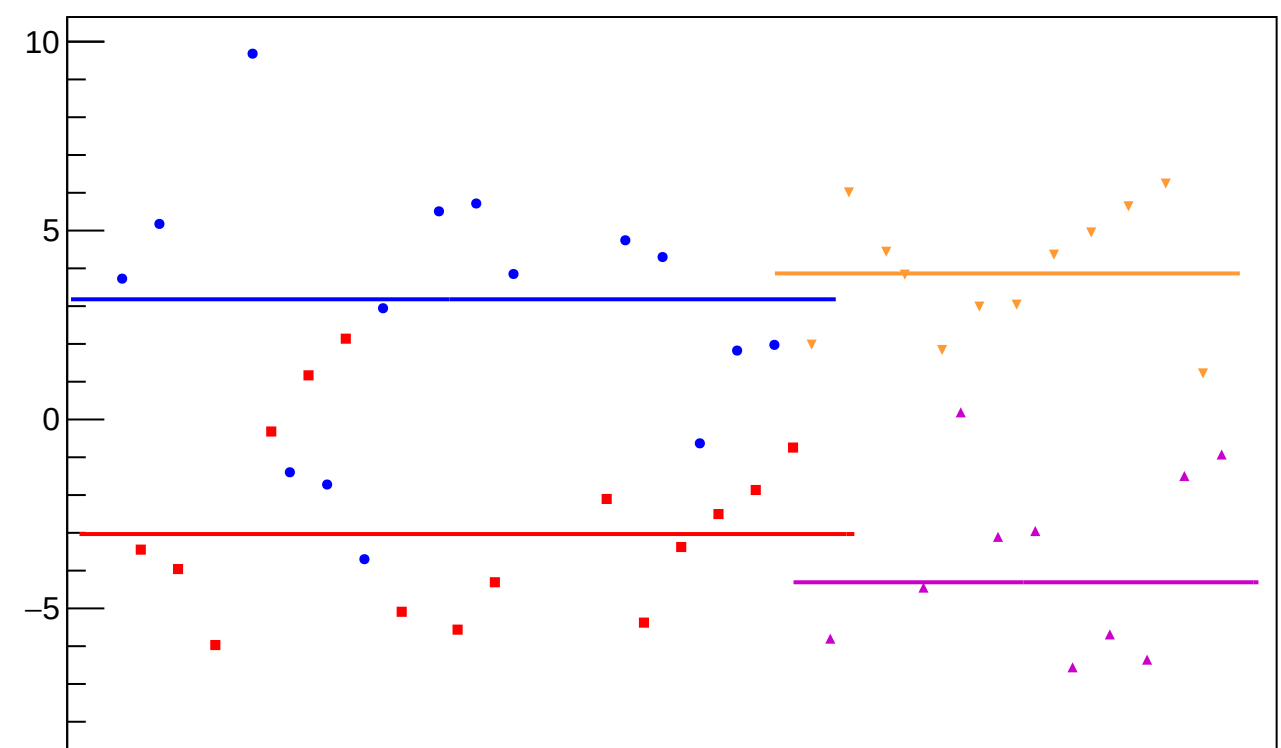
All: 0.024+/-0.000 χ^2/NDF: 1088493187133 5

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

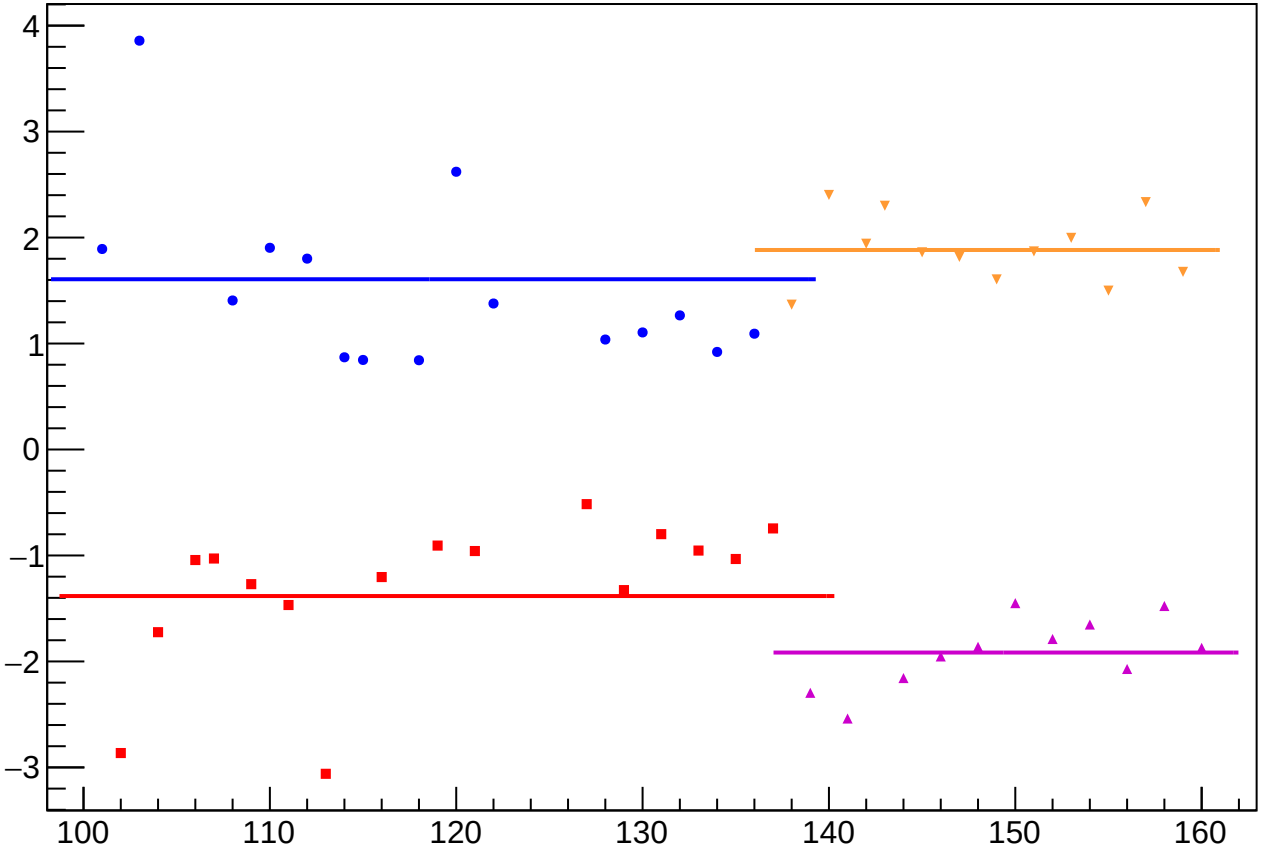
Right: 0.032+/-0.000 χ^2/NDF: 2346777156531399 0

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

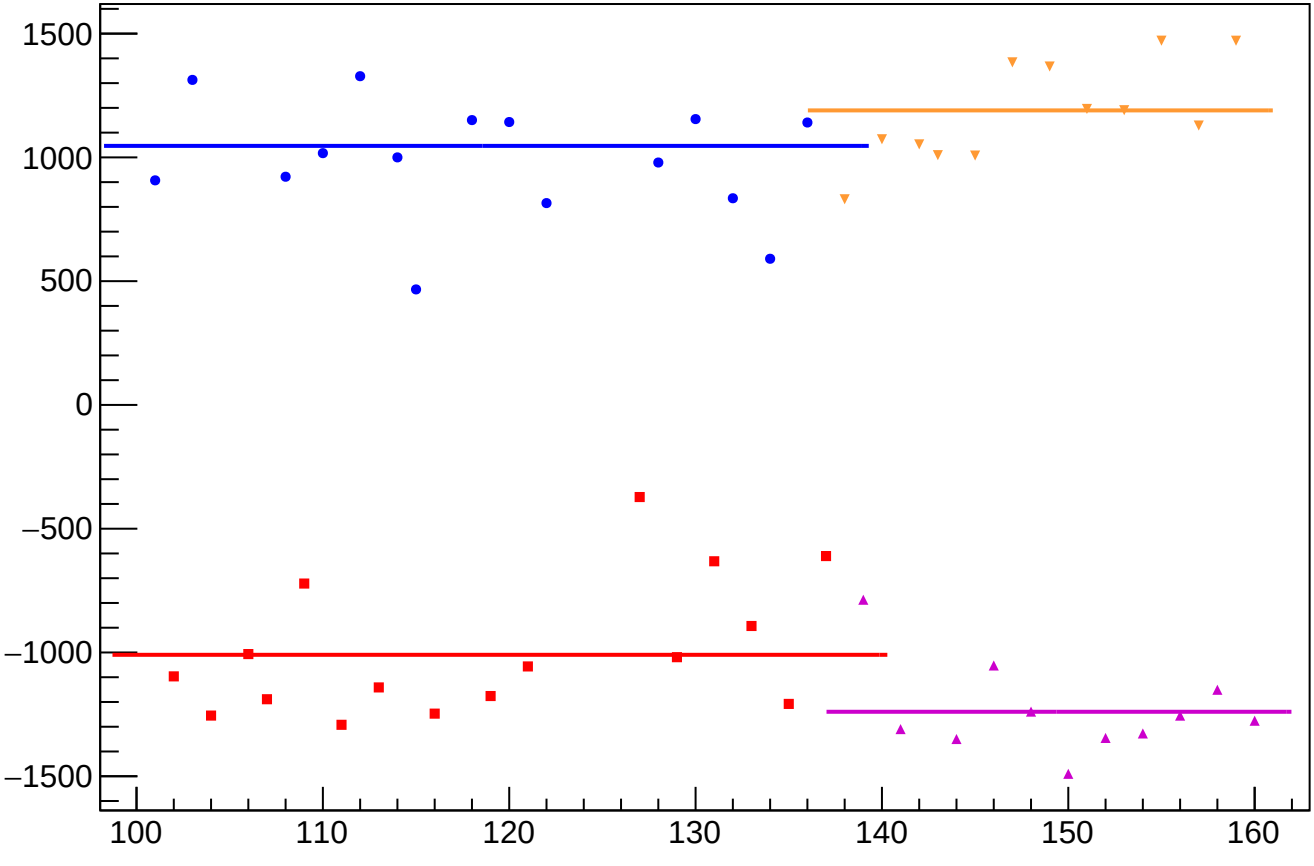
Right Out: -1.383+/-0.000 χ^2/NDF: 35834889701628620095765033779200 0.0/15

Out: 0.508+/-0.000 χ^2/NDF:4570147587666561 33

Left In: -1.916+/-0.000 χ^2/NDF:95276515809016209875699691945984.0/10

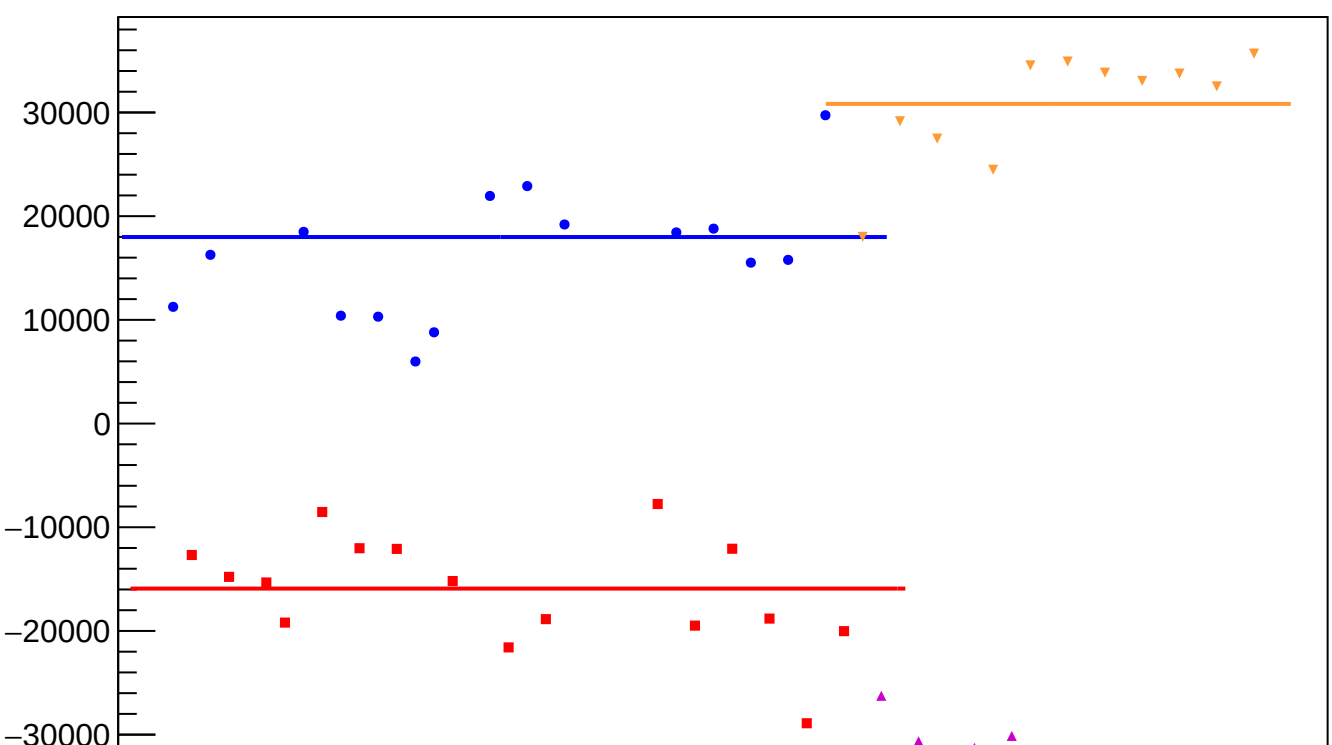
All: 0.024+/-0.000 χ^2/NDF: 1060013591097 5

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



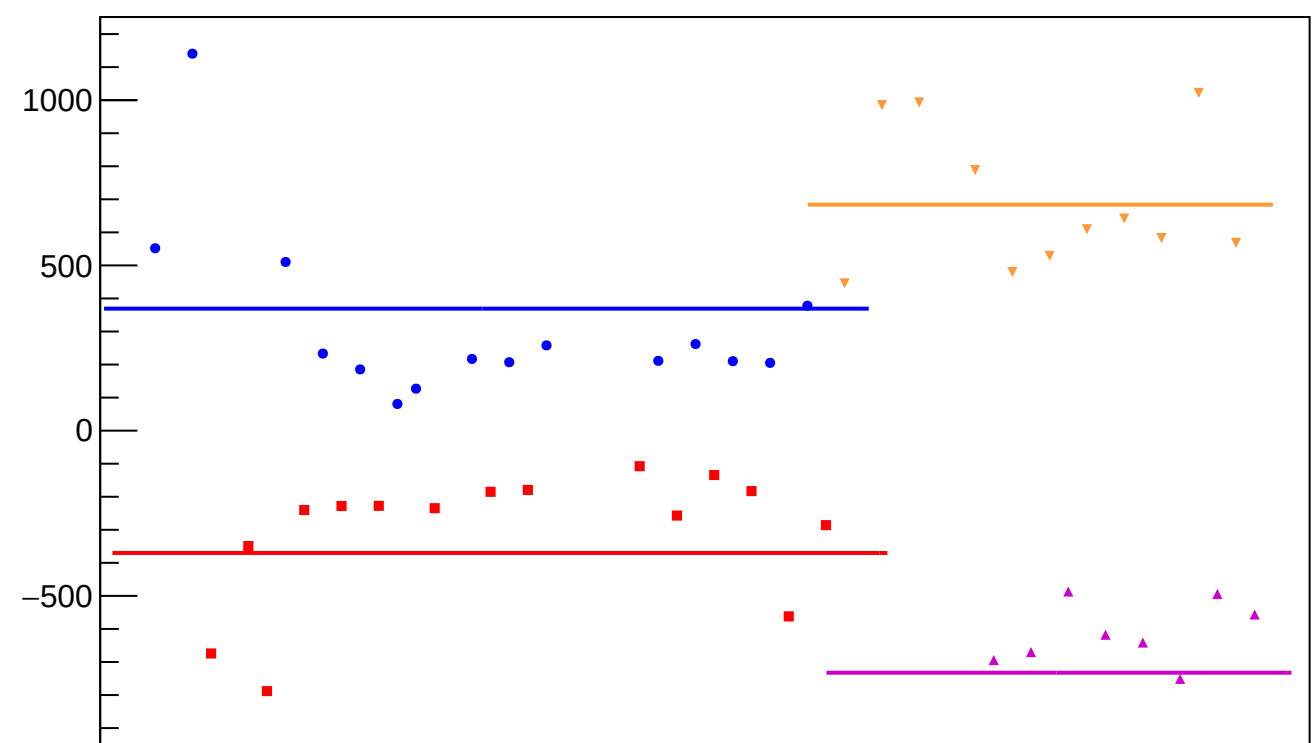
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 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



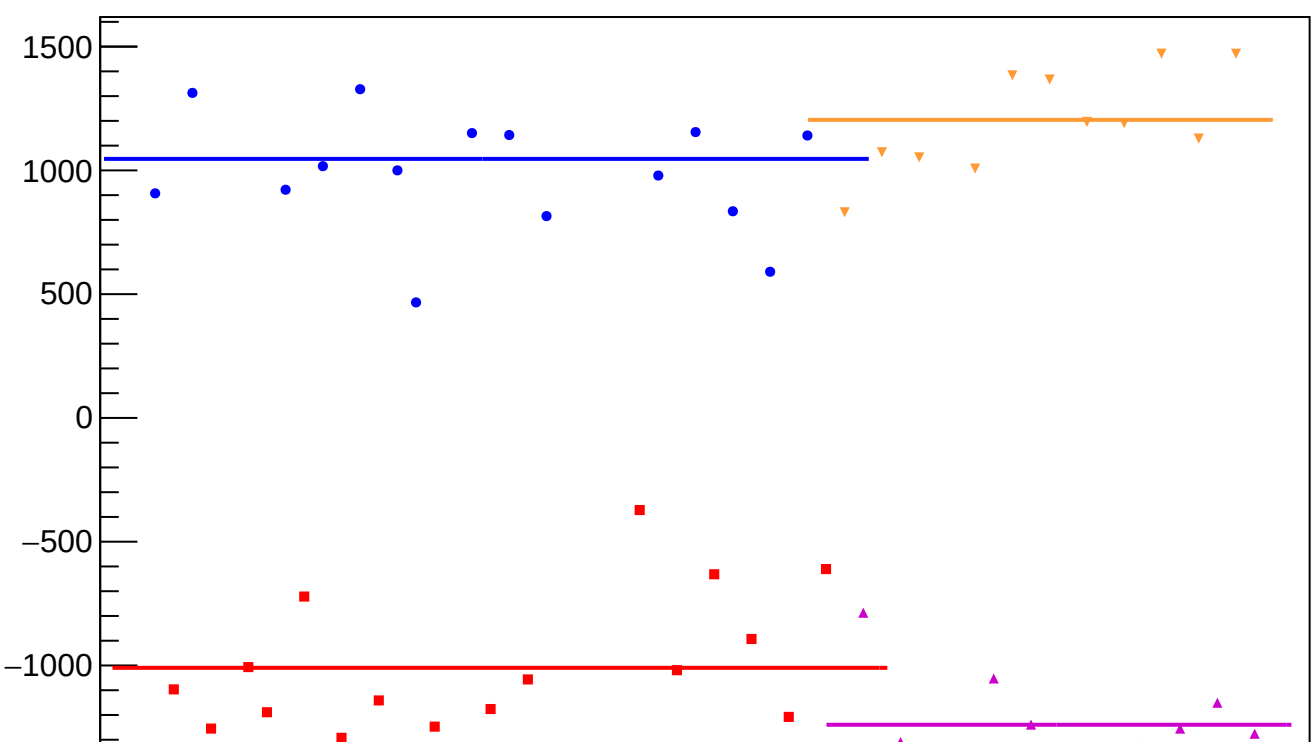
Left: -2129.611+/-0.000 χ^2/NDF: 18025044289596
Right In: 17988.185+/-0.000 χ^2/NDF: 24815111809984217103544001237552952508416.0/14
Right: 804.617+/-0.000 χ^2/NDF: 42286475662187
Left Out: 30828.996+/-0.000 χ^2/NDF:23225941804061934913195205321671126810624.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
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

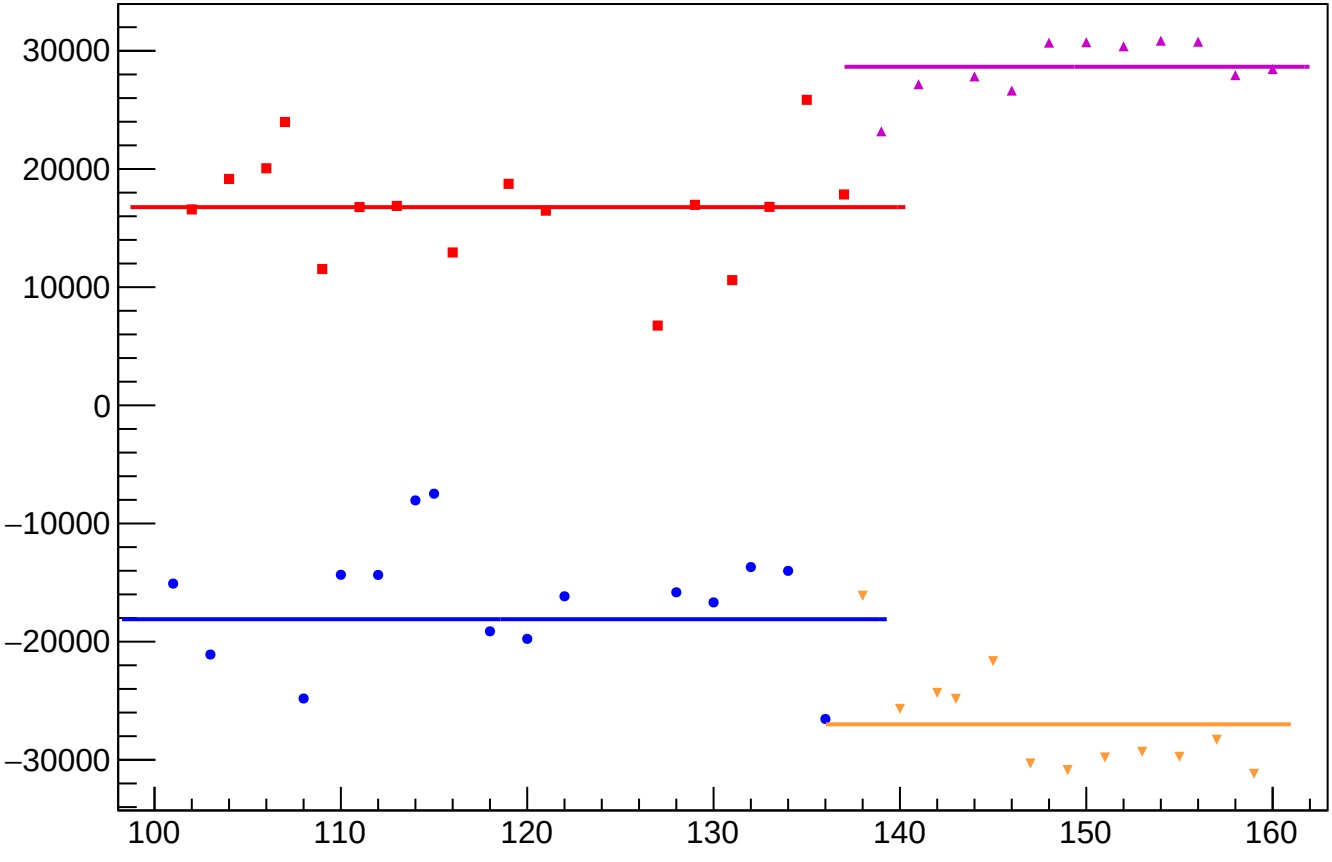
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

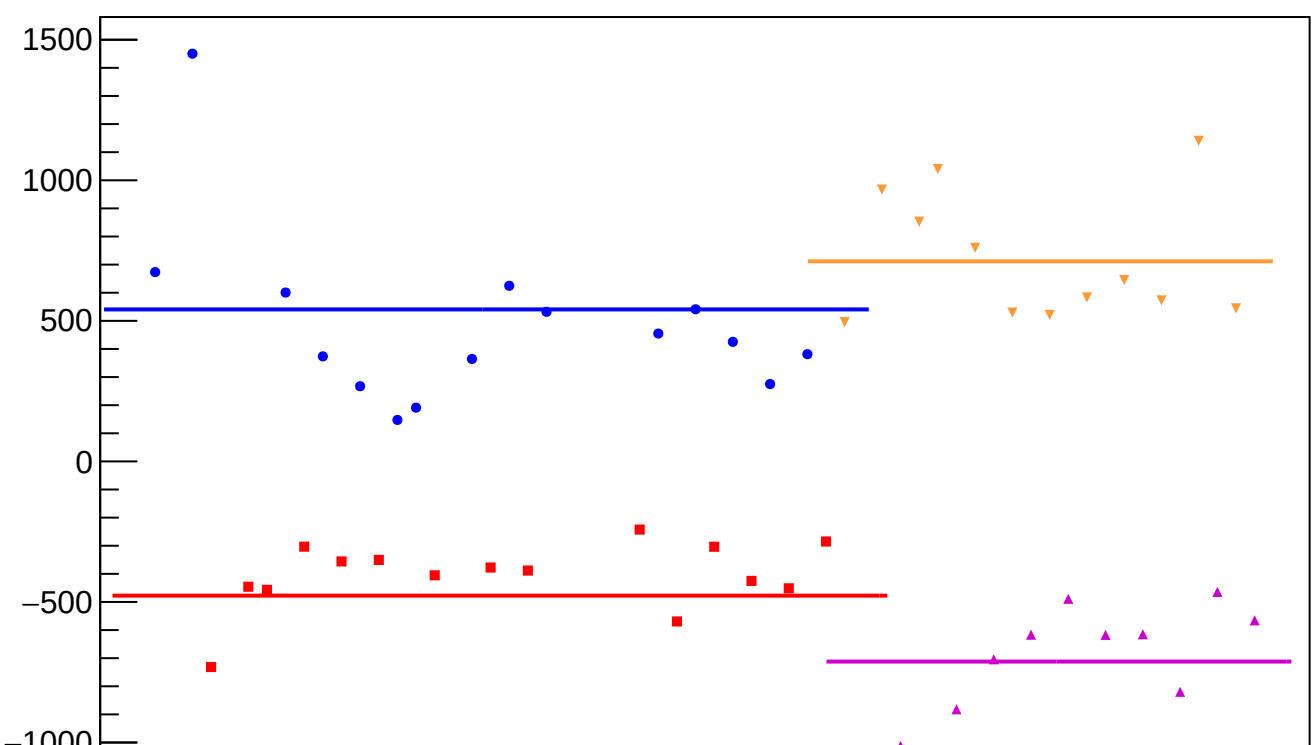
Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

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

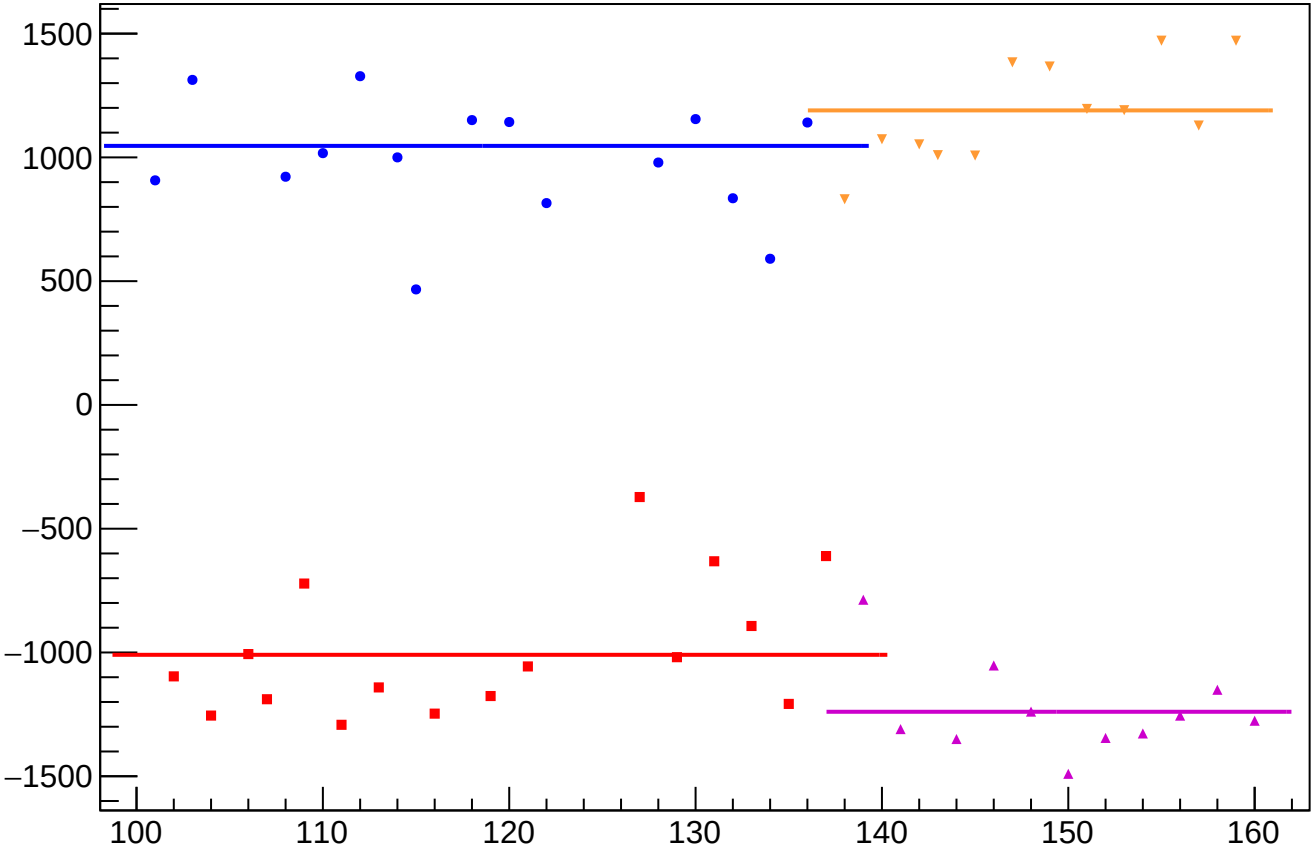
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 210.989+/-0.000 χ^2/NDF:6279009475776800

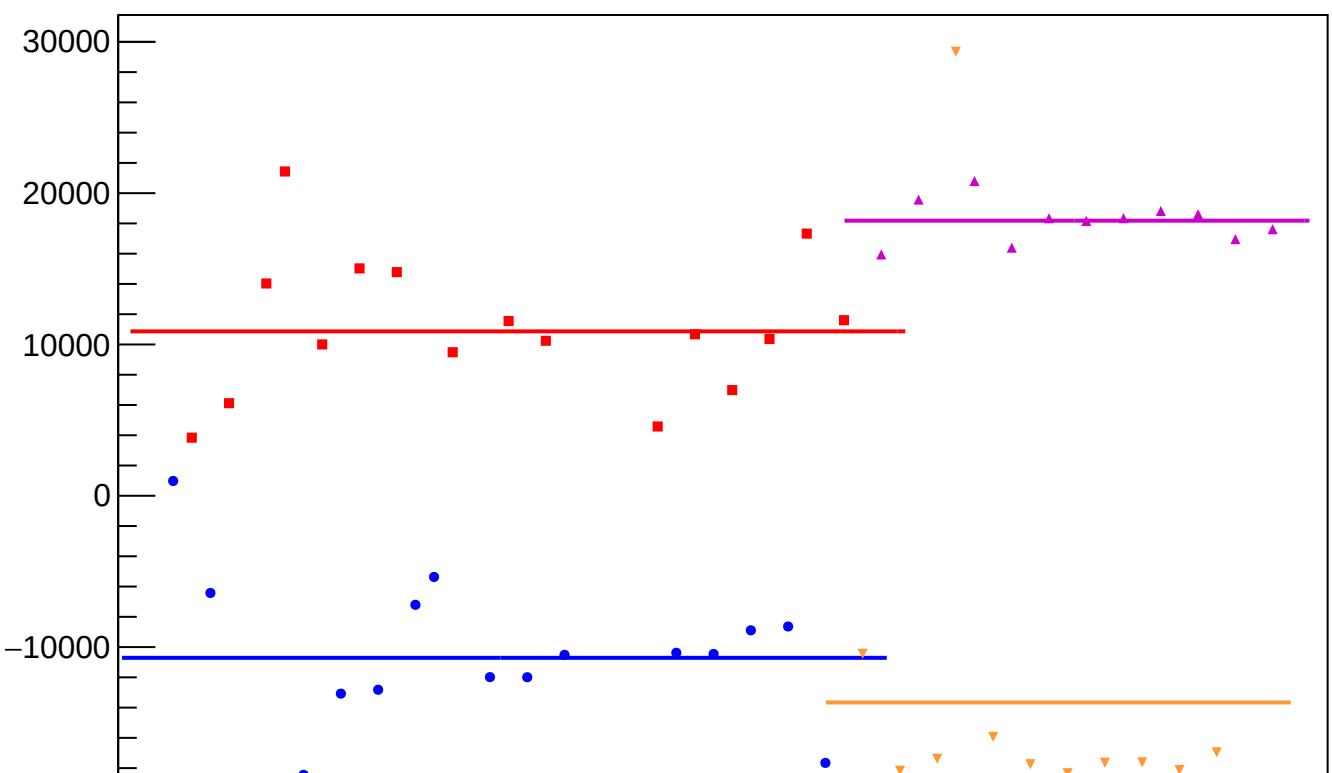
All: 8.592+/-0.000 χ^2/NDF: 1455071786509 6

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

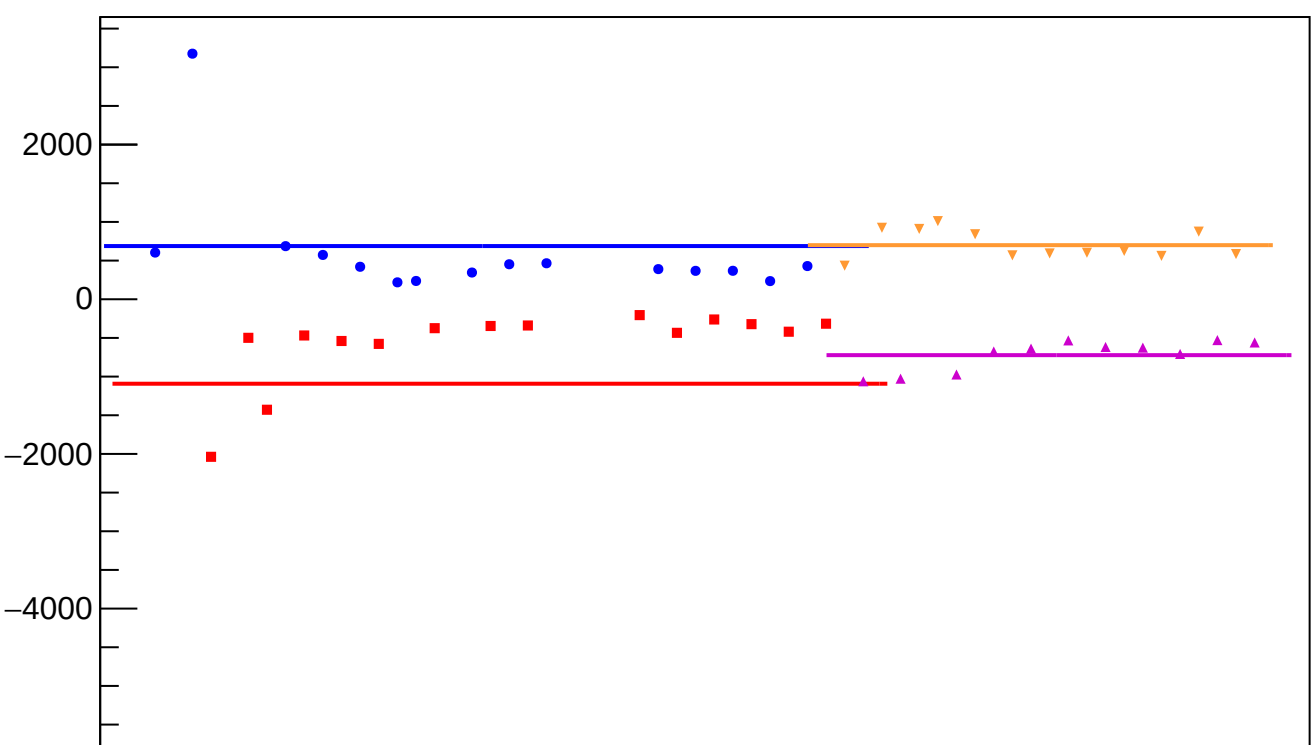
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3332.713+/-0.000 χ^2/NDF:38451914020075

Left In: 18181.504+/-0.000 χ^2/NDF:16436171835726478688189142891628383436 80.0/10

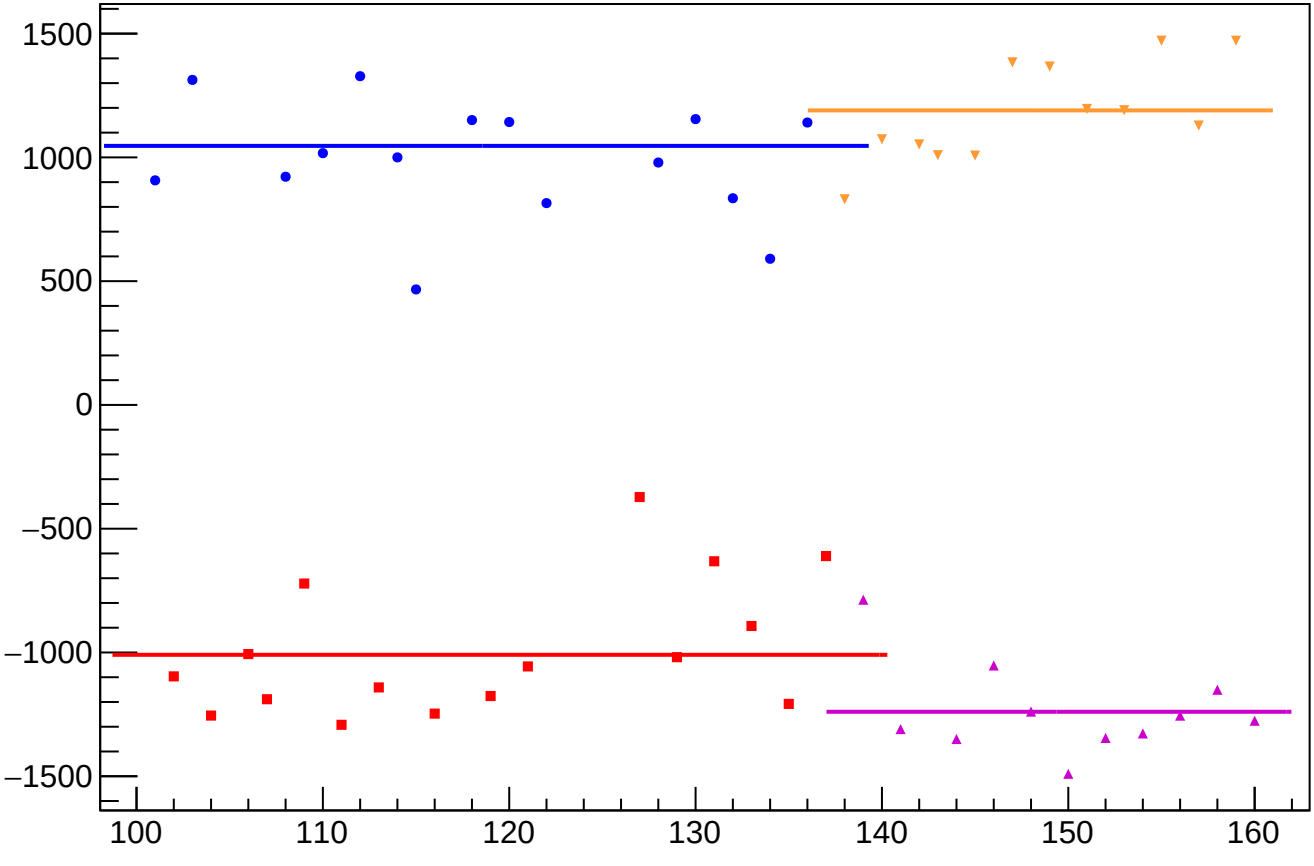
All: 1447.486+/-0.000 χ^2/NDF: 7939778643

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



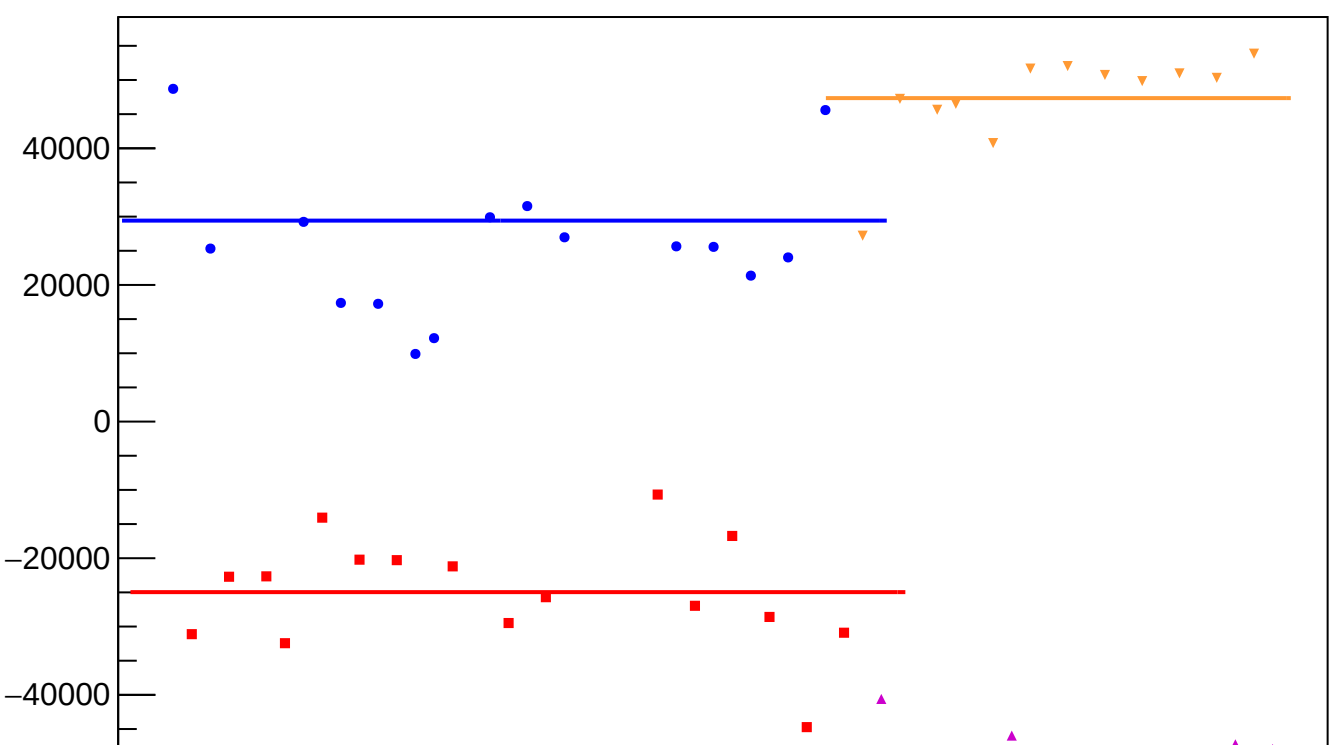
Left: -14.311+/-0.000 χ^2/NDF: 9929833026488595
Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14
Right: -214.338+/-0.000 χ^2/NDF: 33349422342847
Left Out: 699.529+/-0.000 χ^2/NDF:2828281313090390925608839626446444953 6.0/11
In: -140.714+/-0.000 χ^2/NDF:1201648470022181
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



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Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47346.512+/-0.000 χ^2/NDF:4516187384513847129988968550714226769920 0.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

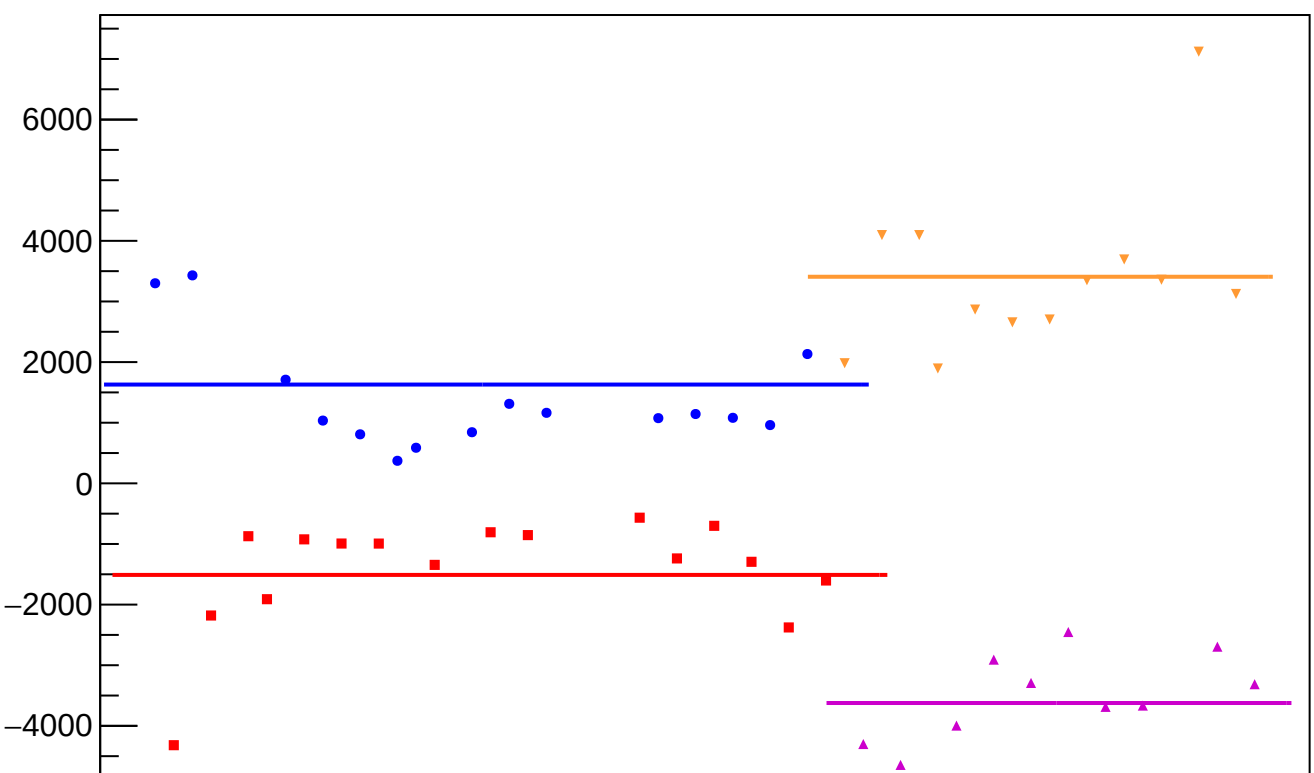
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

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

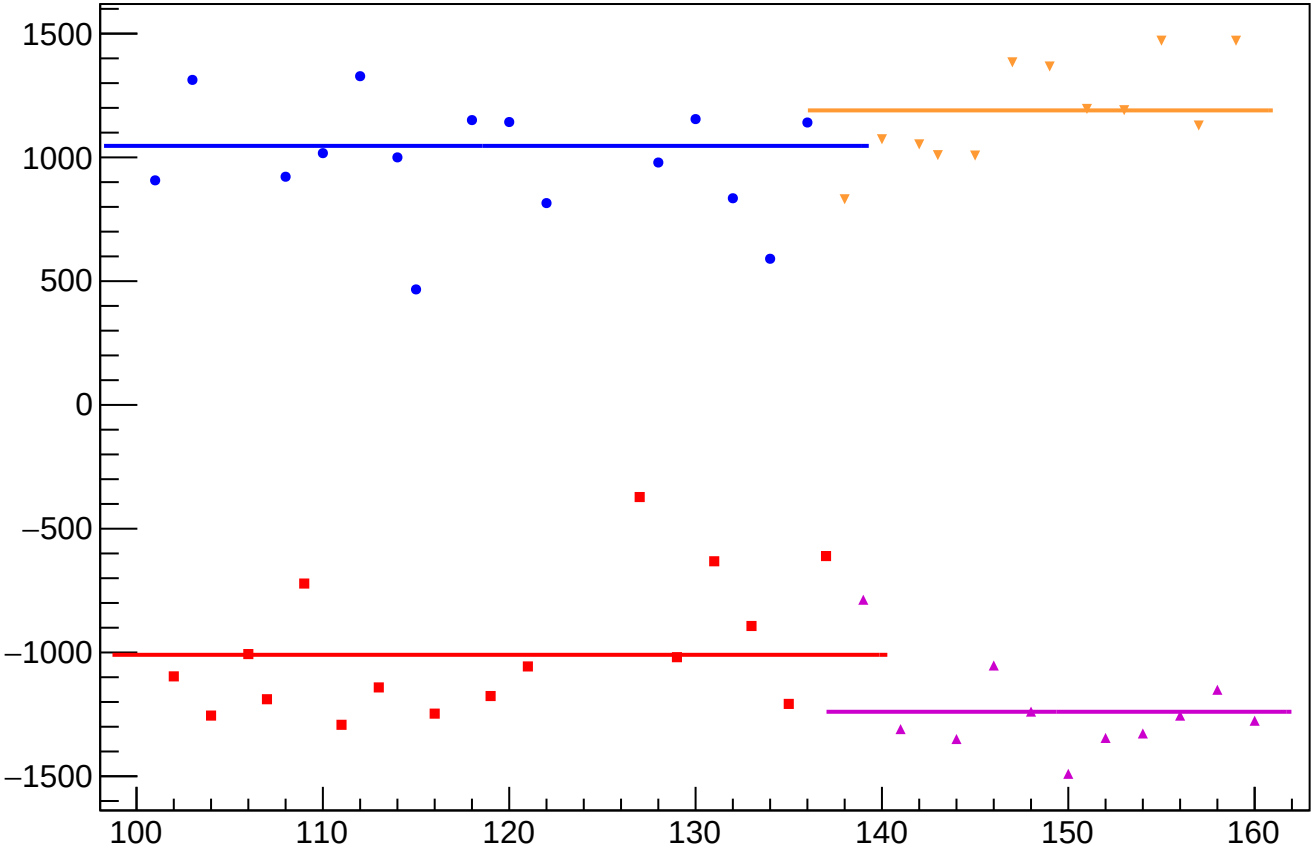
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1336.827+/-0.000 χ^2/NDF:116125915857327

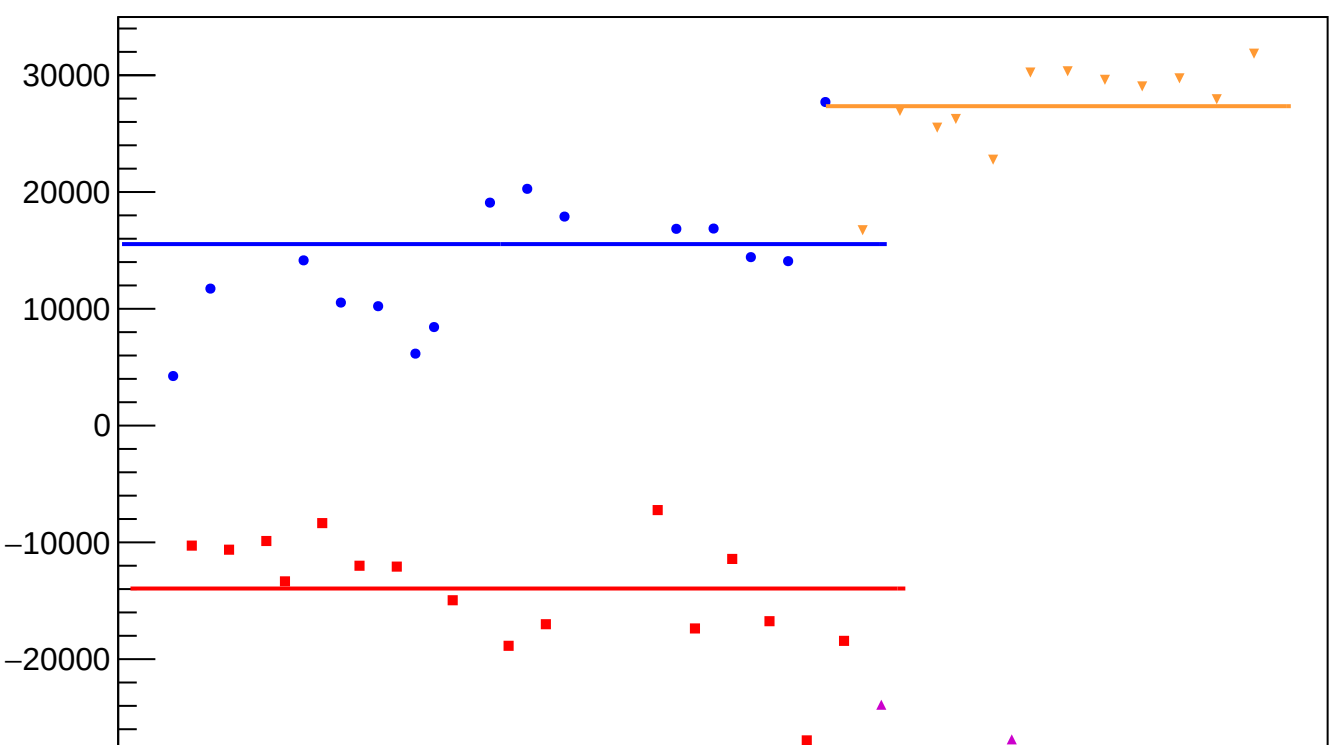
All: -54.683+/-0.000 χ^2/NDF: 293759152191

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



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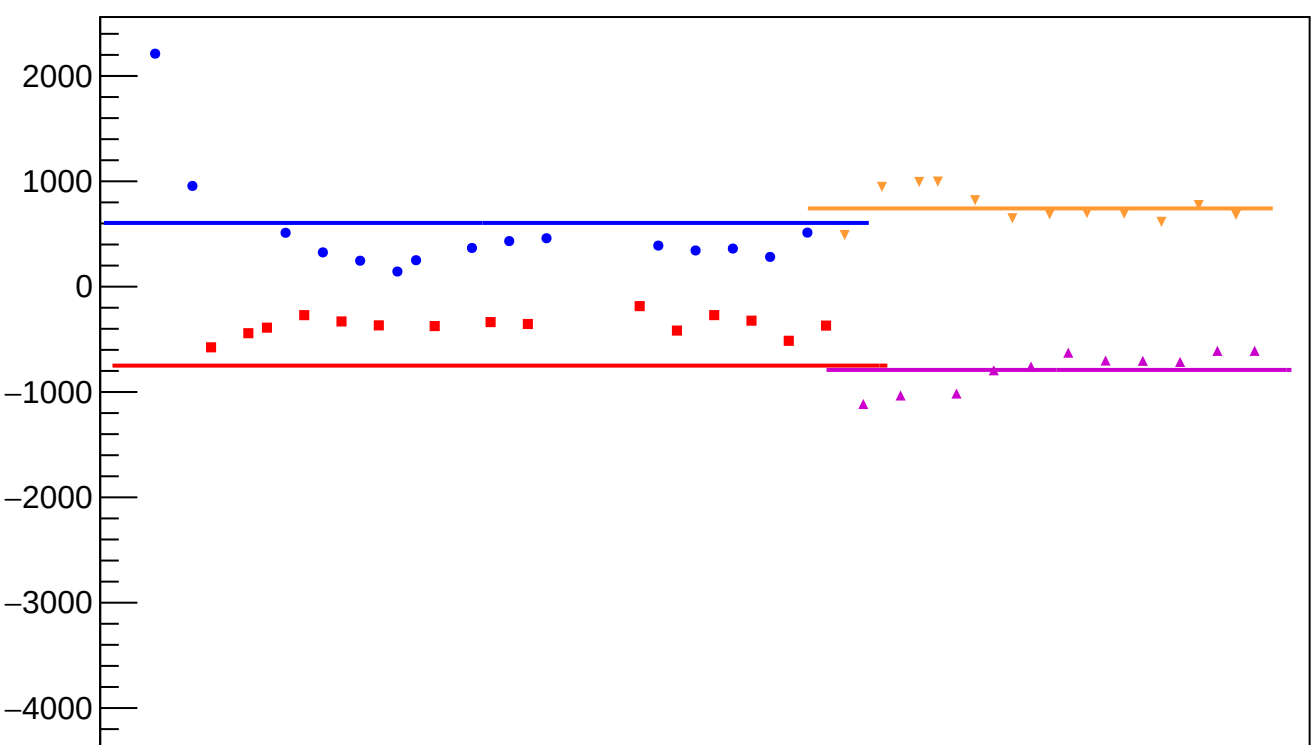
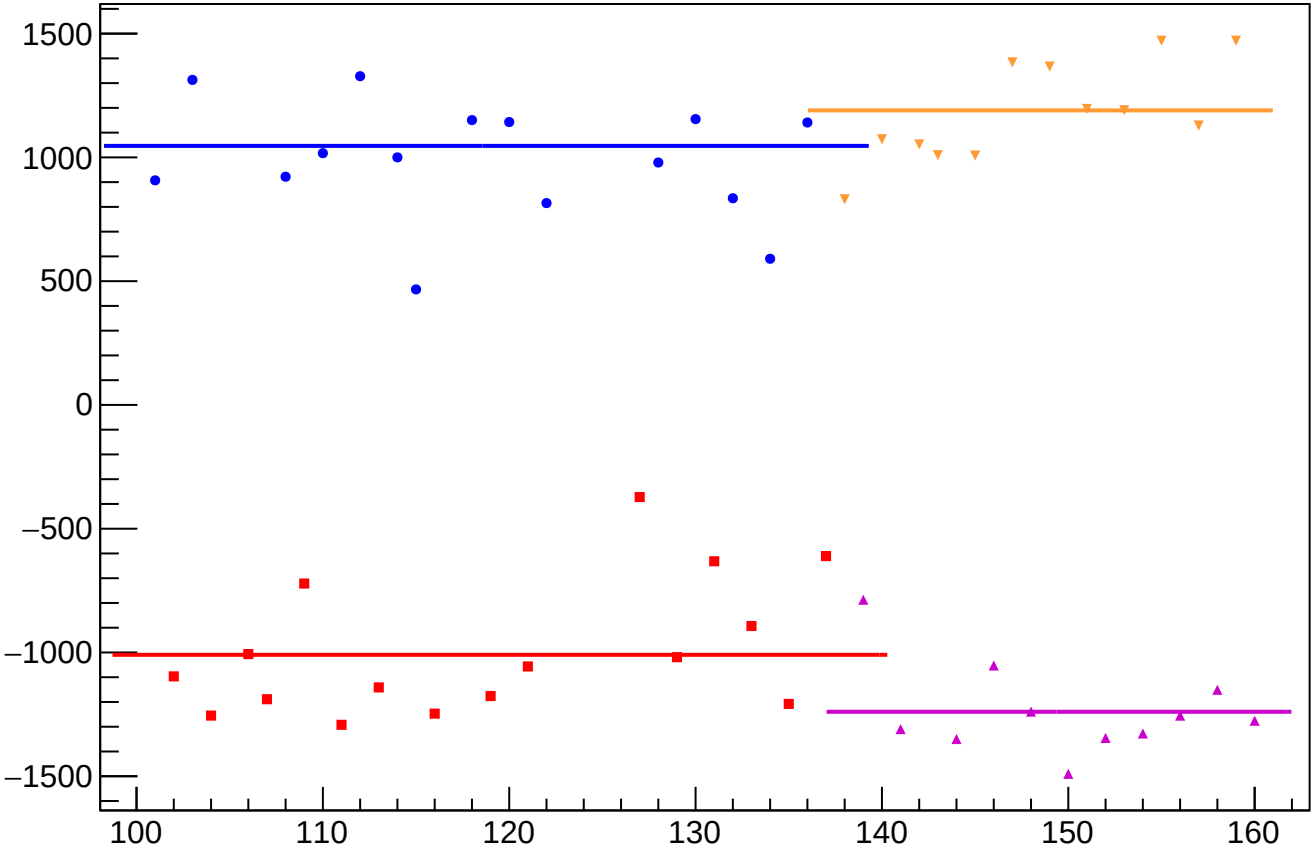
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27349.847+/-0.000 χ^2/NDF:1488345691738606226777617231939371008000 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9958.308+/-0.000 χ^2/NDF:690517876492303
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



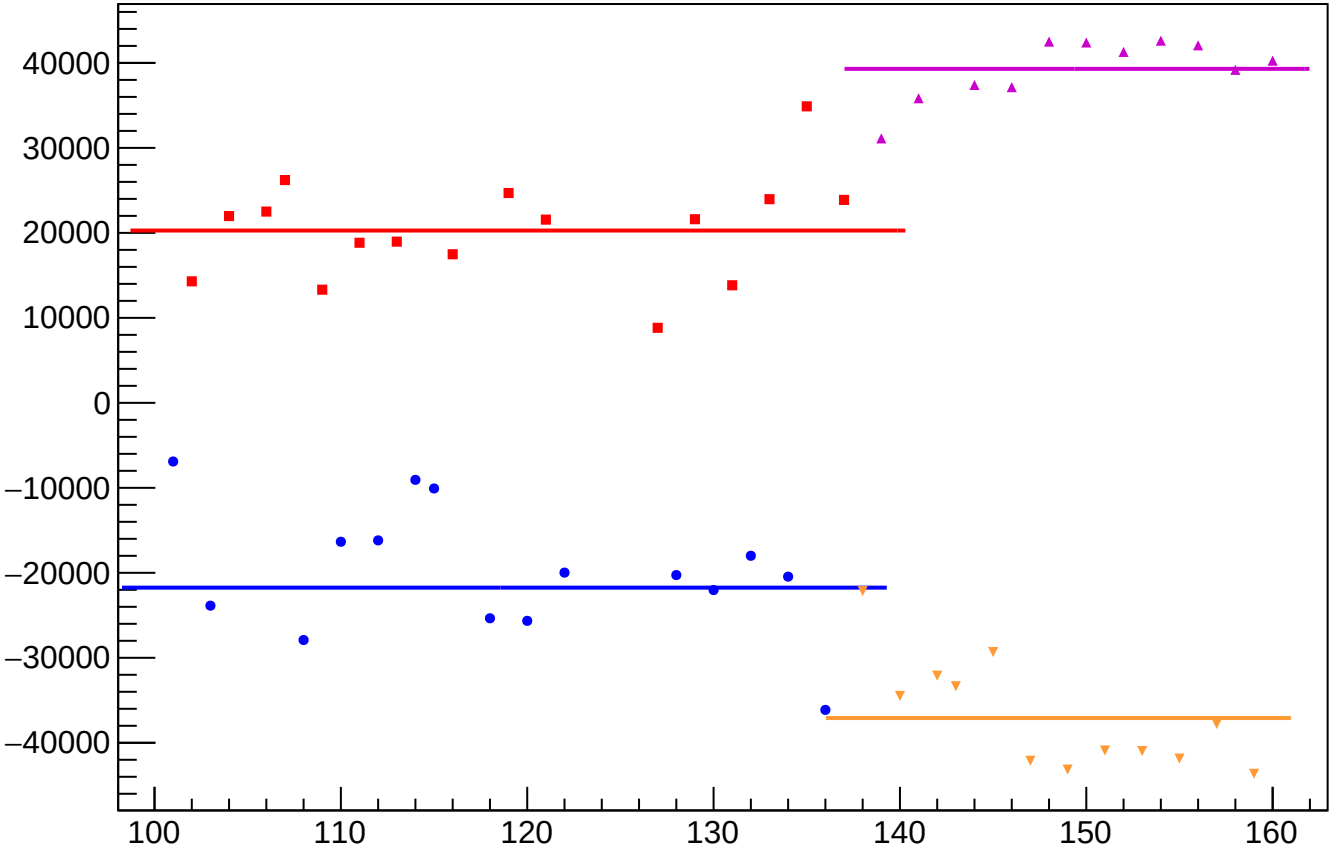
Left: -26.782+/-0.000 χ^2/NDF: 1127883127865670
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 742.547+/-0.000 χ^2/NDF:191330728406604744374850497810530304 00.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 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

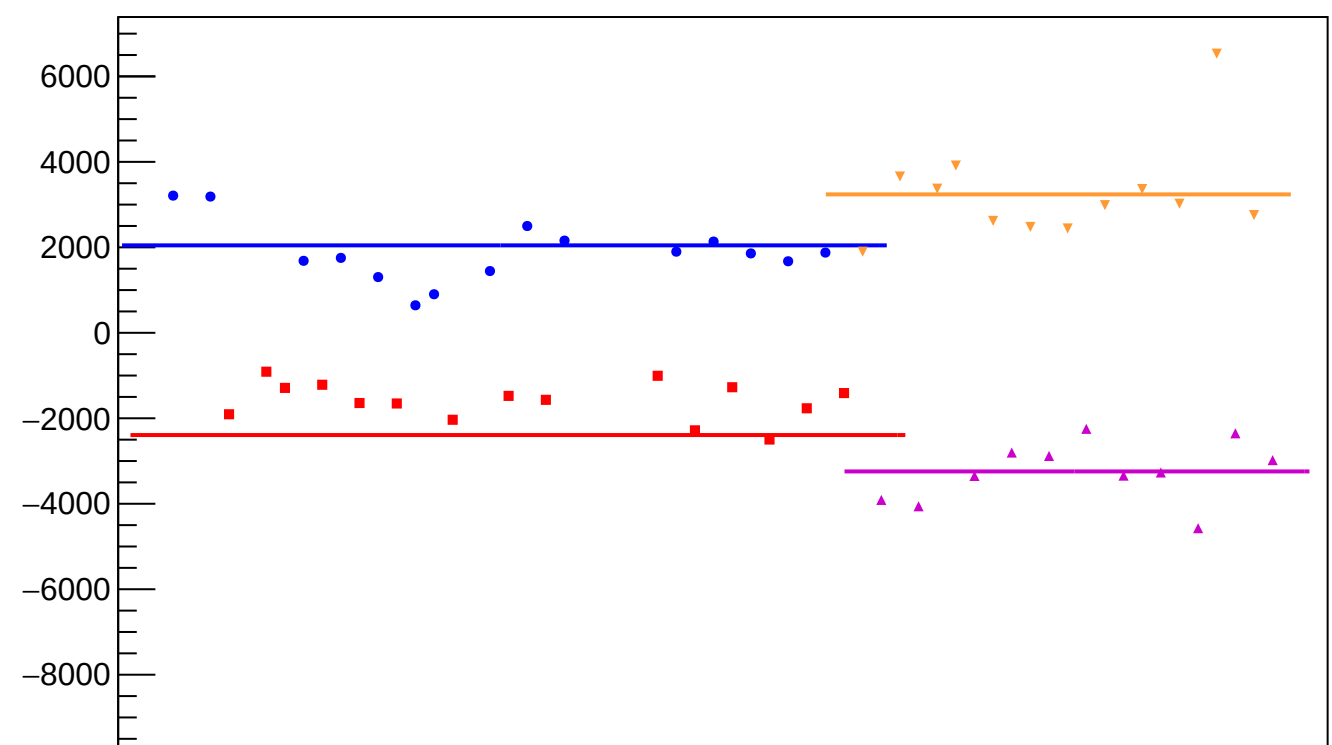
Right Out: 20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

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

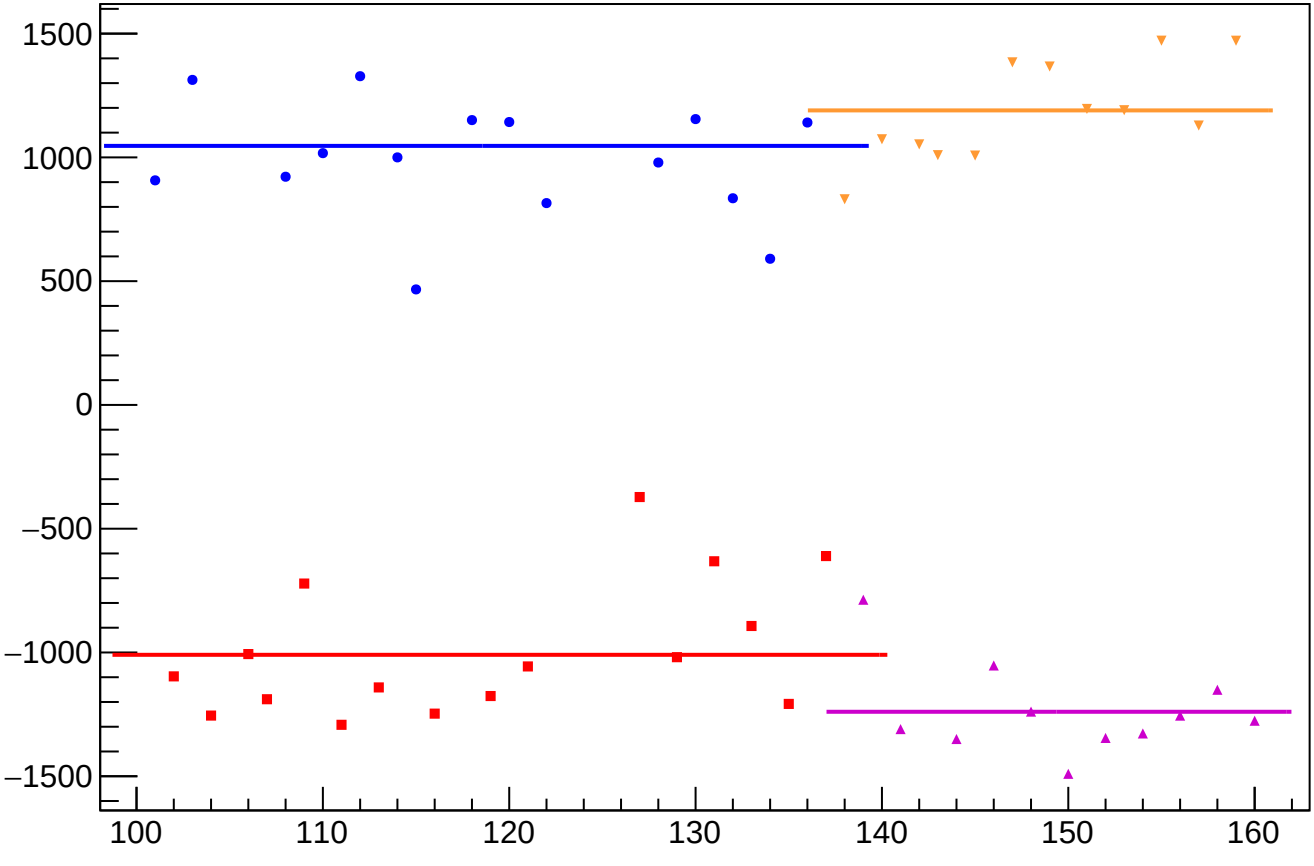
Right Out: -2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981 9008.0/15

Out: 867.708+/-0.000 χ^2/NDF:178582435378590 7

Left In: -3243.479+/-0.000 χ^2/NDF:422752345809564414875941115453230809088.0/10

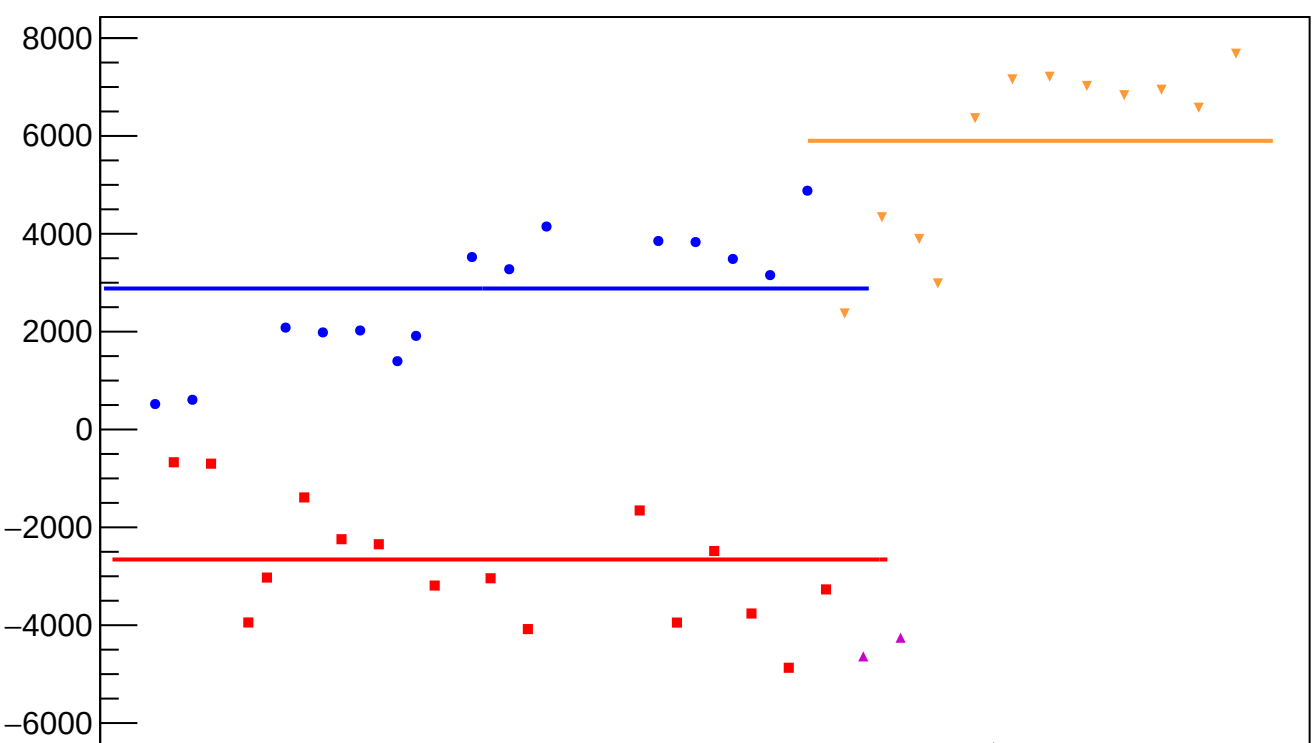
All: -93.266+/-0.000 χ^2/NDF: 321510662885

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

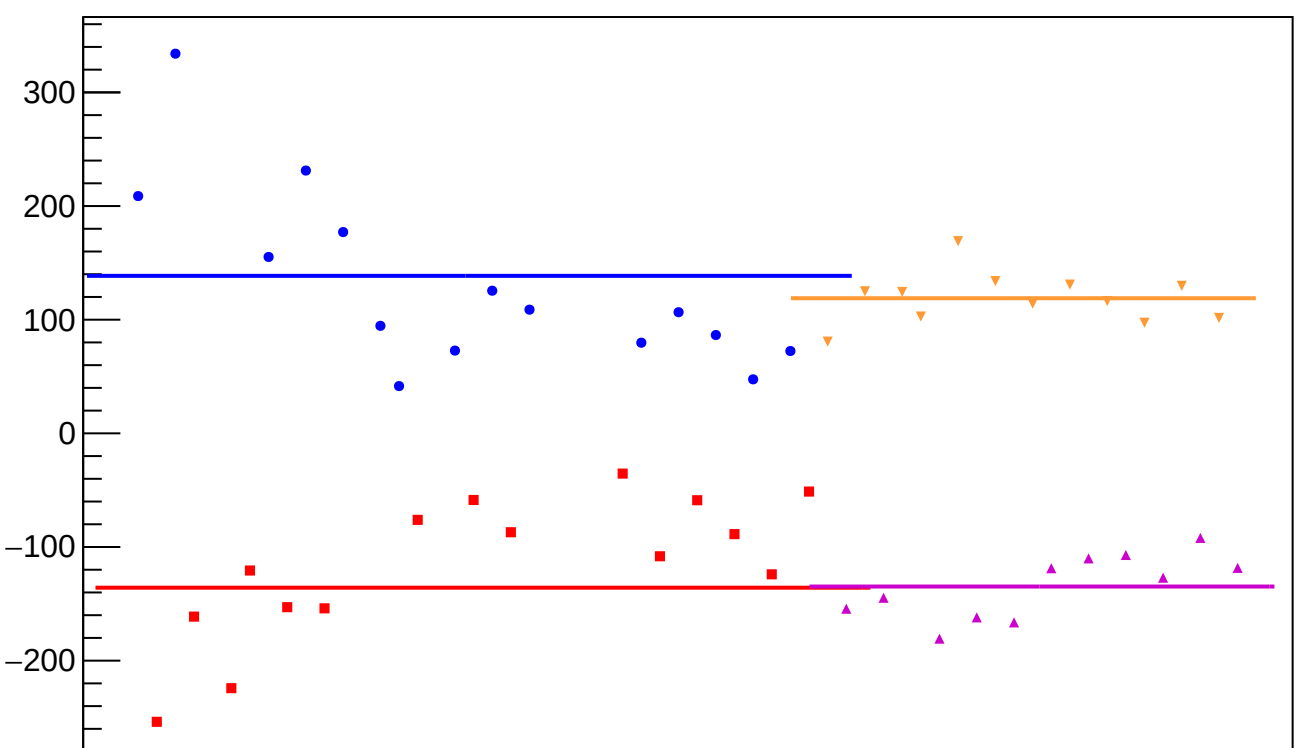
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

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

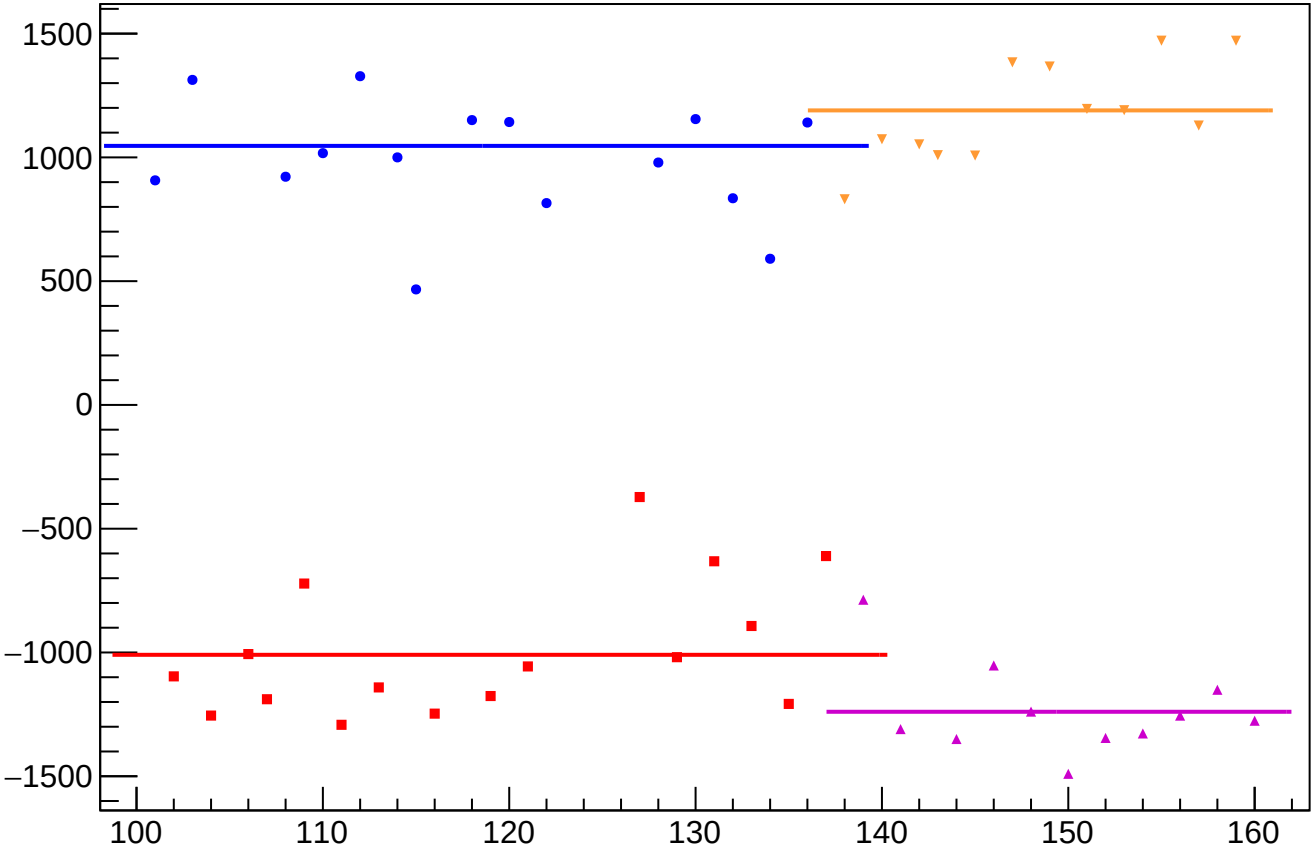
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.641+/-0.000 χ^2/NDF:2944724403626758

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

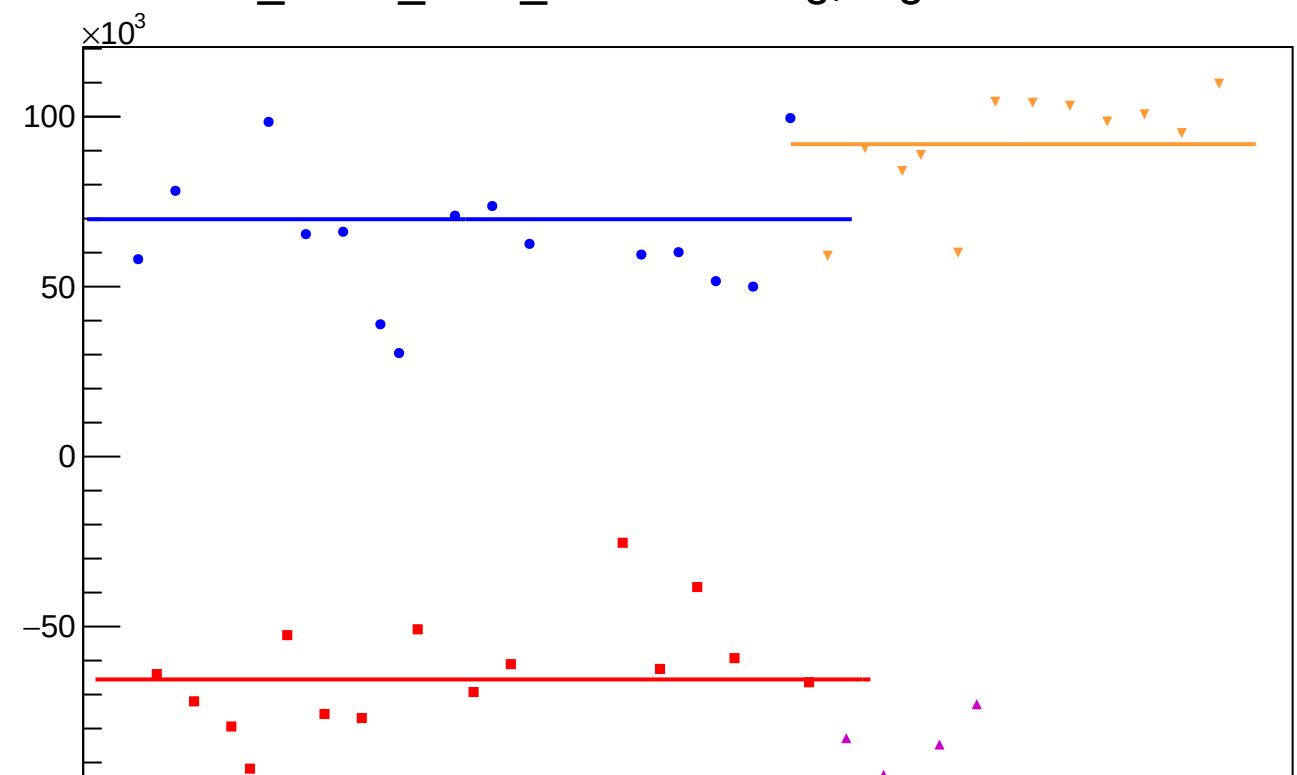
All: -5.121+/-0.000 χ^2/NDF: 6376084521741

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

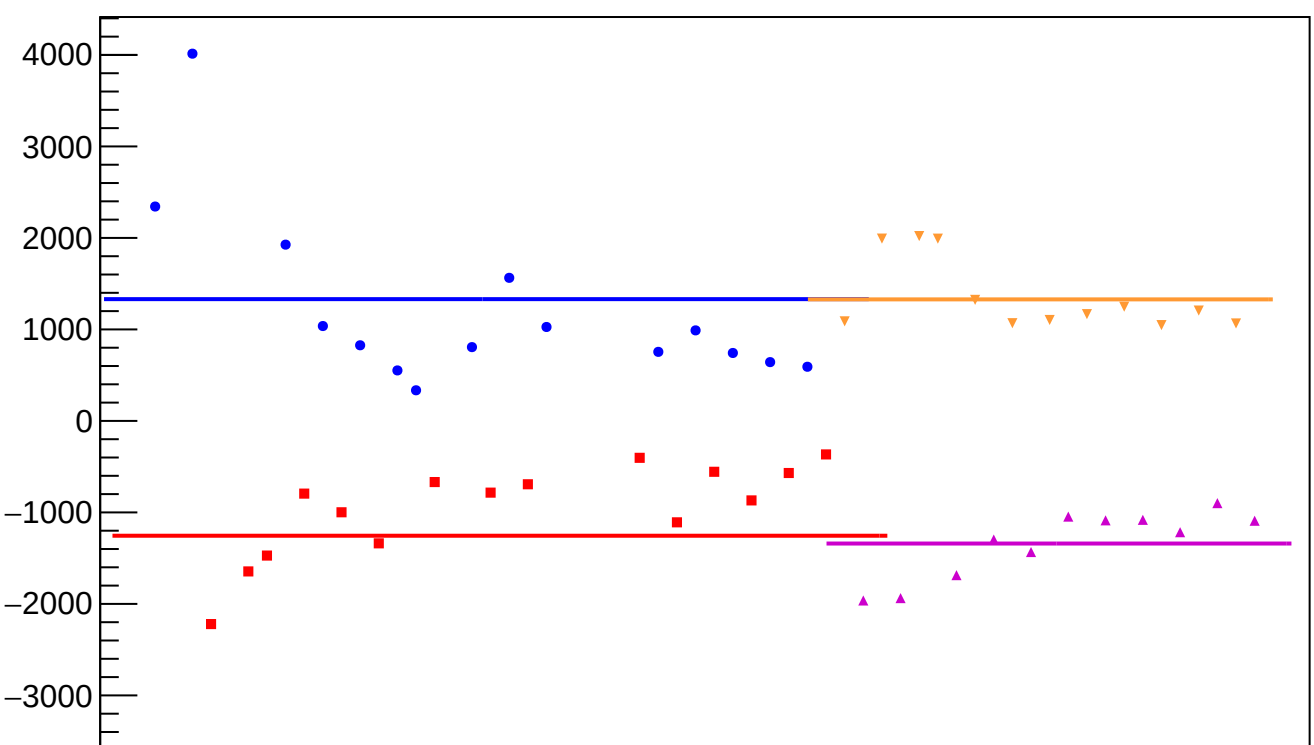
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25603.090+/-0.000 χ^2/NDF:10027016853732

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

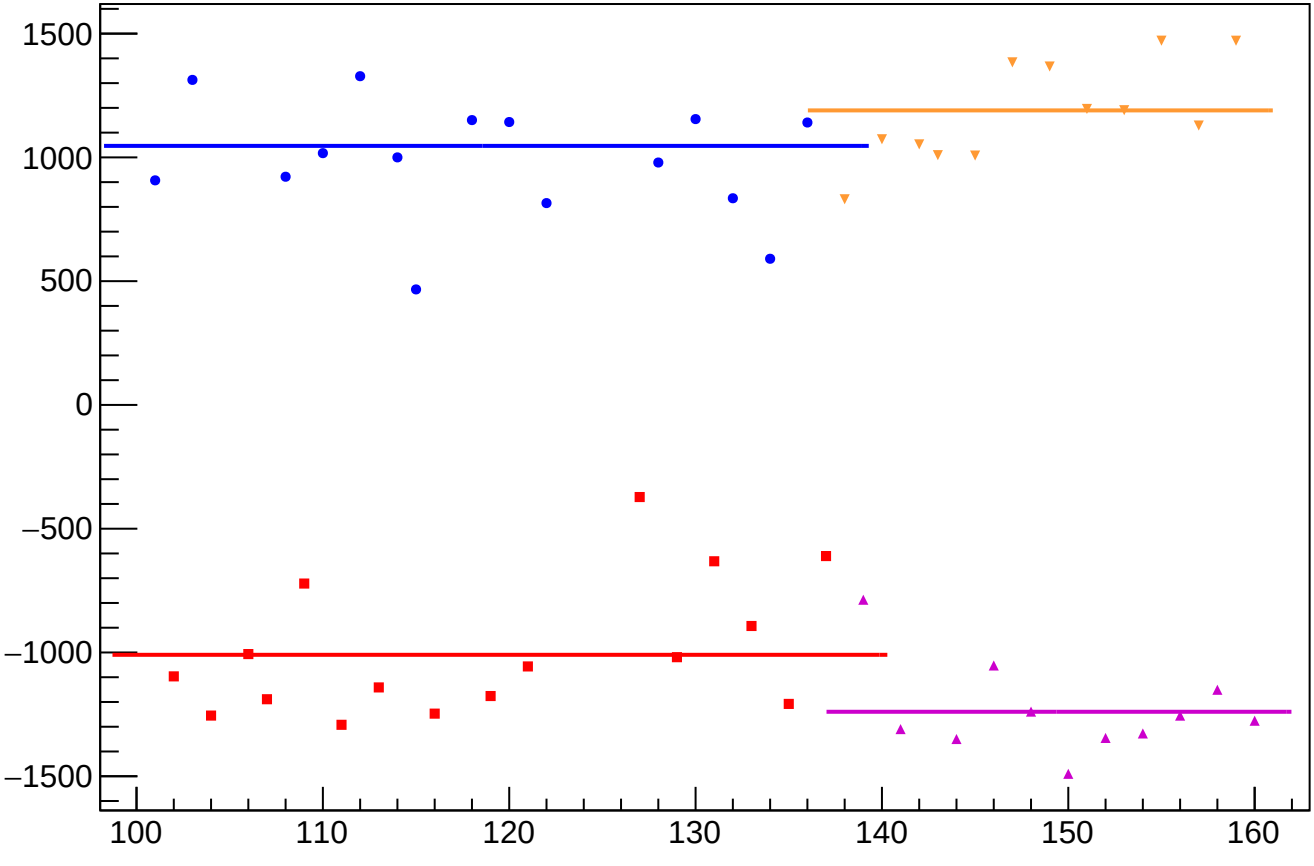
All: -823.225+/-0.000 χ^2/NDF: 22989056744

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



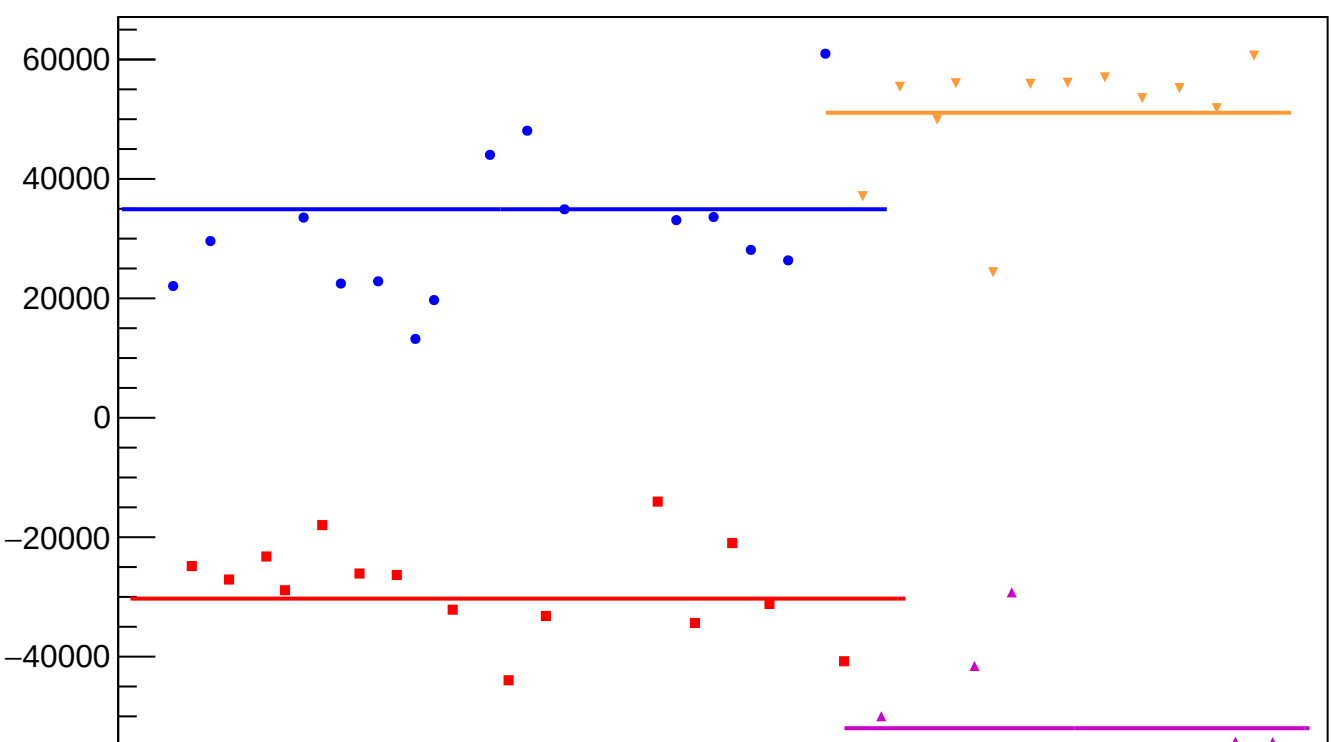
Left: -11.011+/-0.000 χ^2/NDF: 3508881544765835
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1328.309+/-0.000 χ^2/NDF:1173462879673869583038597951016235171 84.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
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

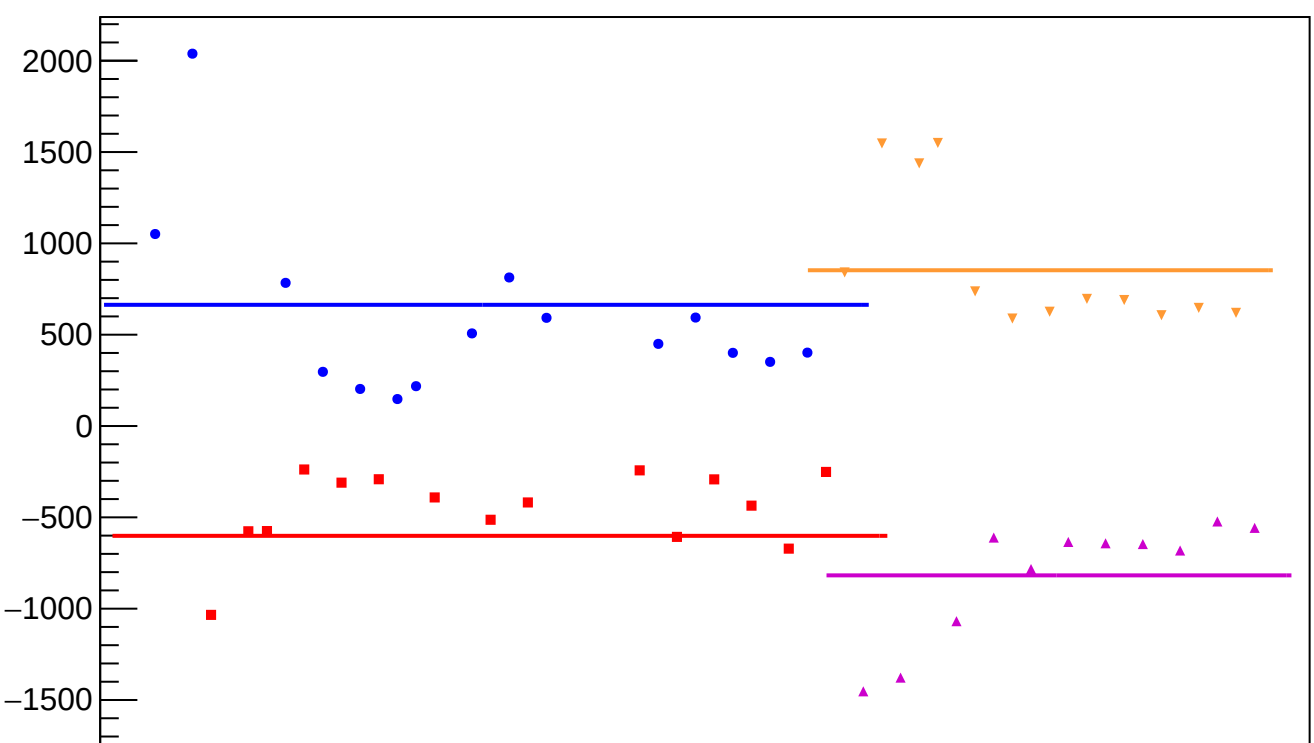
Right Out: -30282.373+/-0.000 χ^2/NDF: 883461652665931266275989516935060730675 20.0/15

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

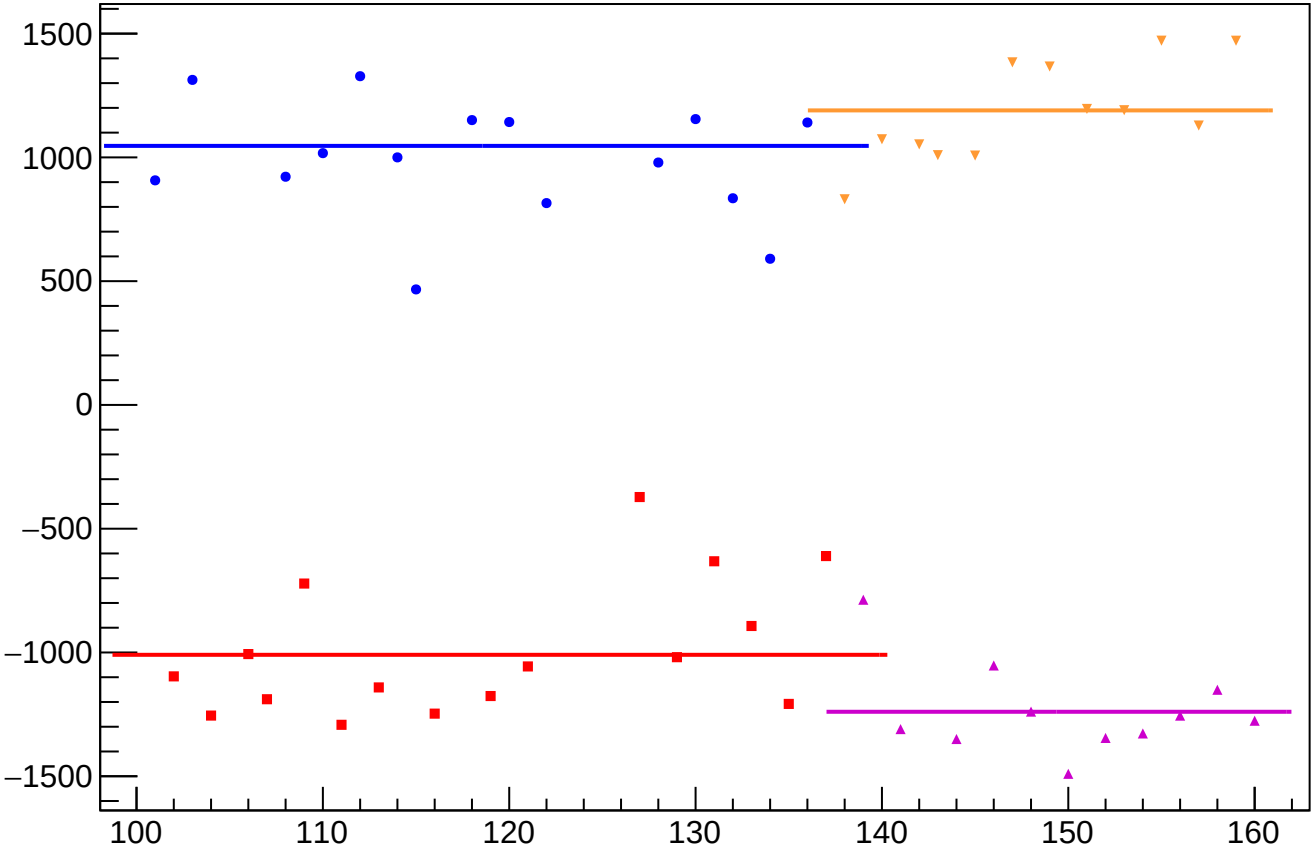
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641

In: -206.520+/-0.000 χ^2/NDF:1084558135298016

Out: 240.550+/-0.000 χ^2/NDF:1081494290409820

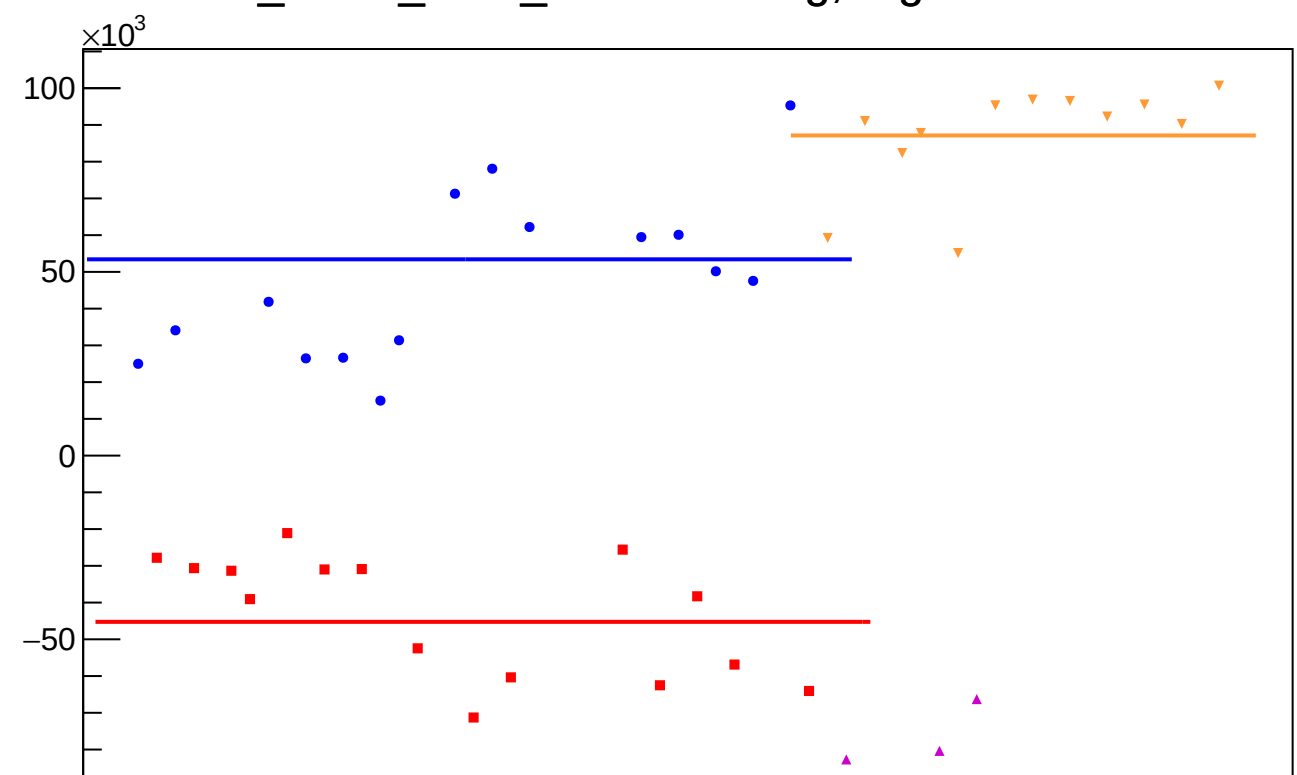
All: 17.794+/-0.000 χ^2/NDF: 2323799322021

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

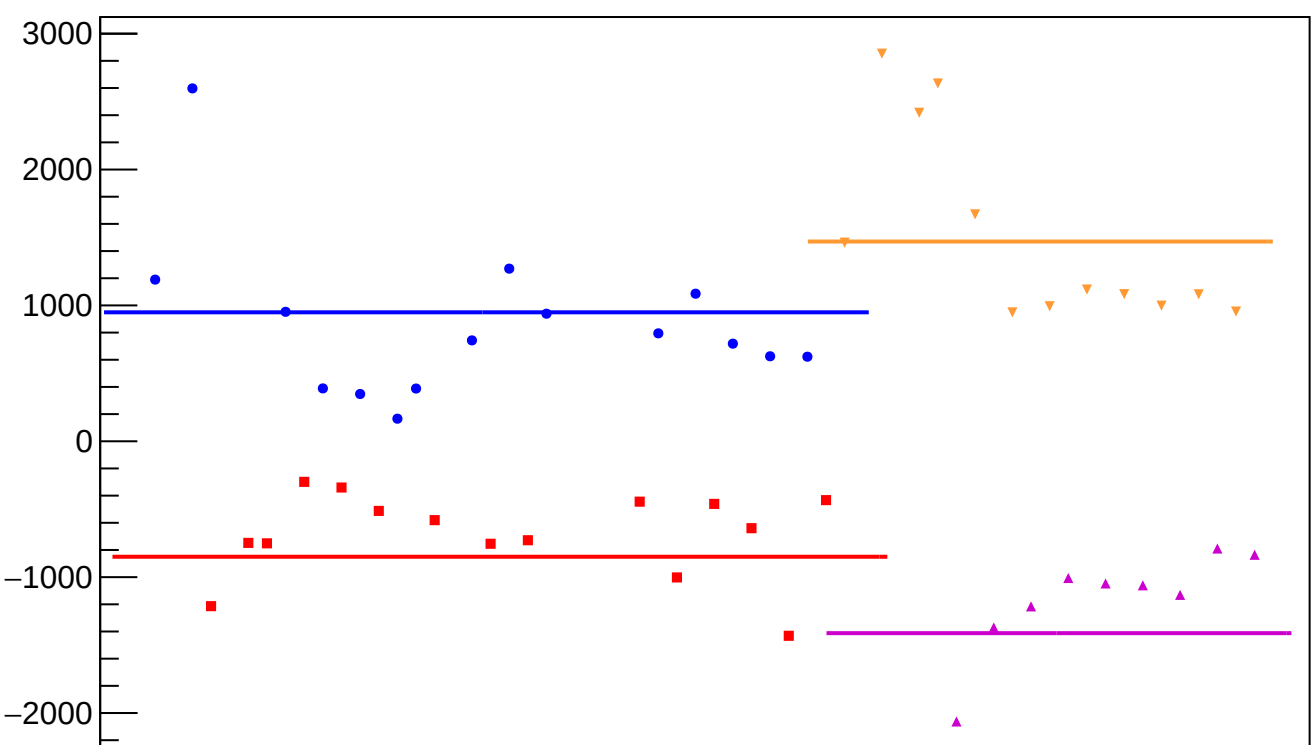
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405554792857 6.0/15

Out: 31391.108+/-0.000 χ^2/NDF:72426395712249

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

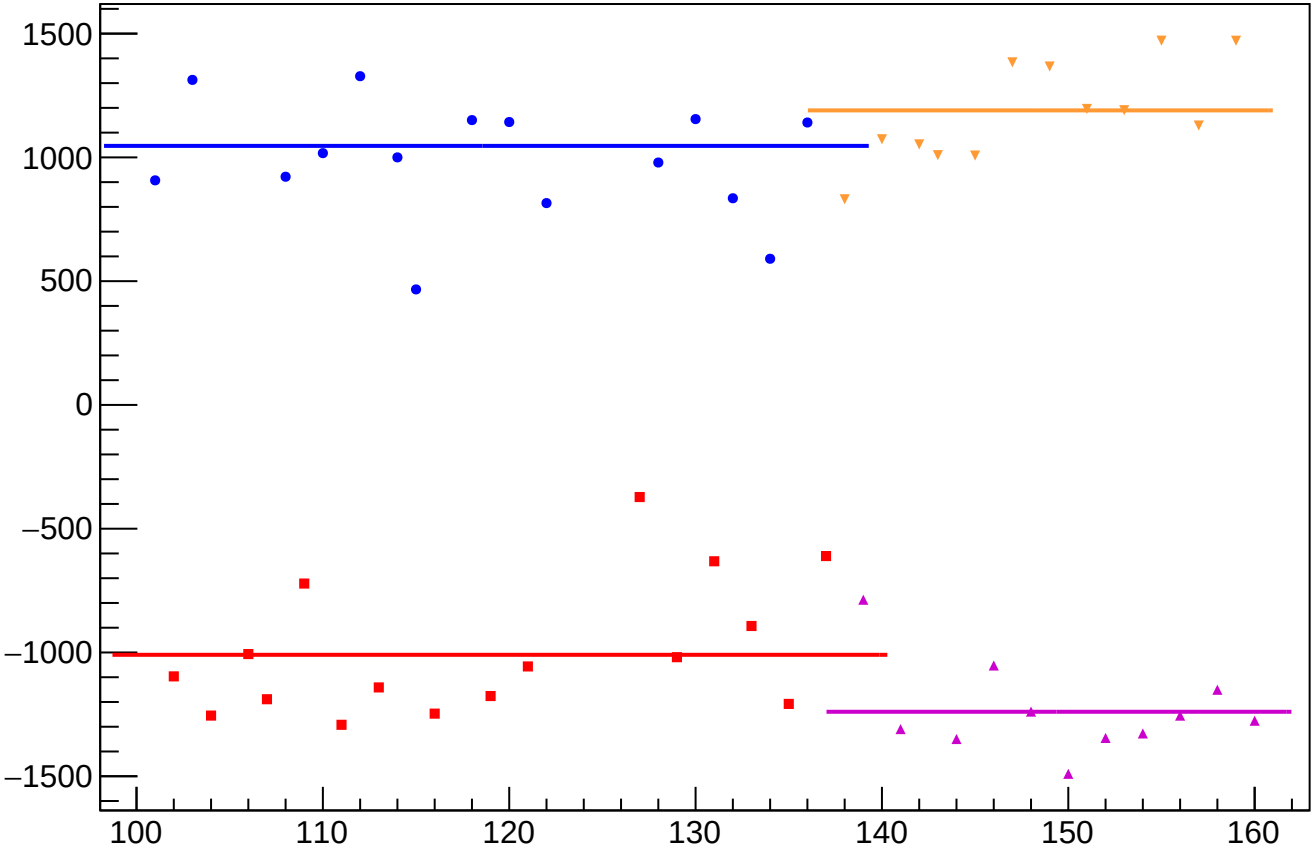
All: 223.165+/-0.000 χ^2/NDF: 18686919399 5

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



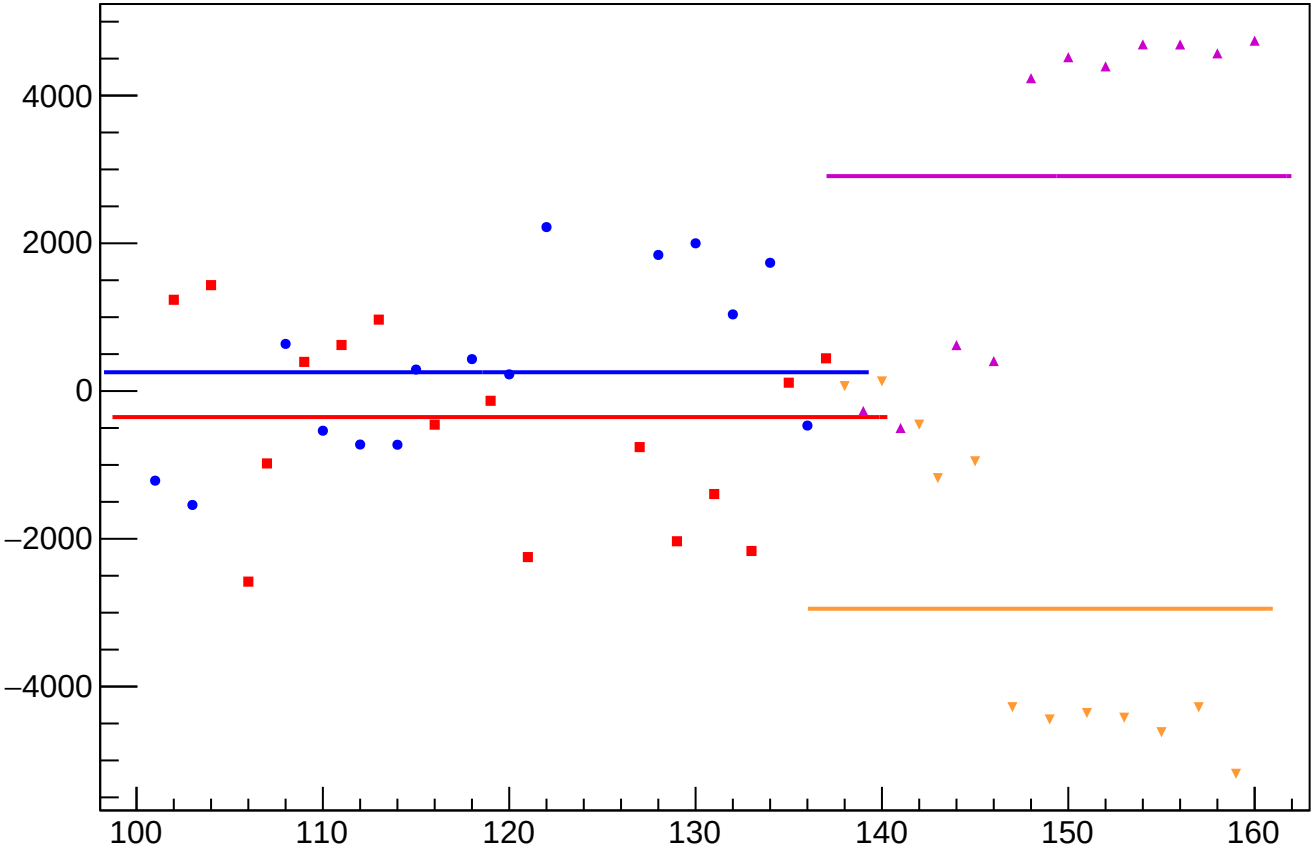
Left: 23.512+/-0.000 χ^2/NDF: 4561811630701110
Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426
Left Out: 1470.170+/-0.000 χ^2/NDF:4055903751566501722805072119613337108 48.0/11
In: -437.909+/-0.000 χ^2/NDF:2684013086565036
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



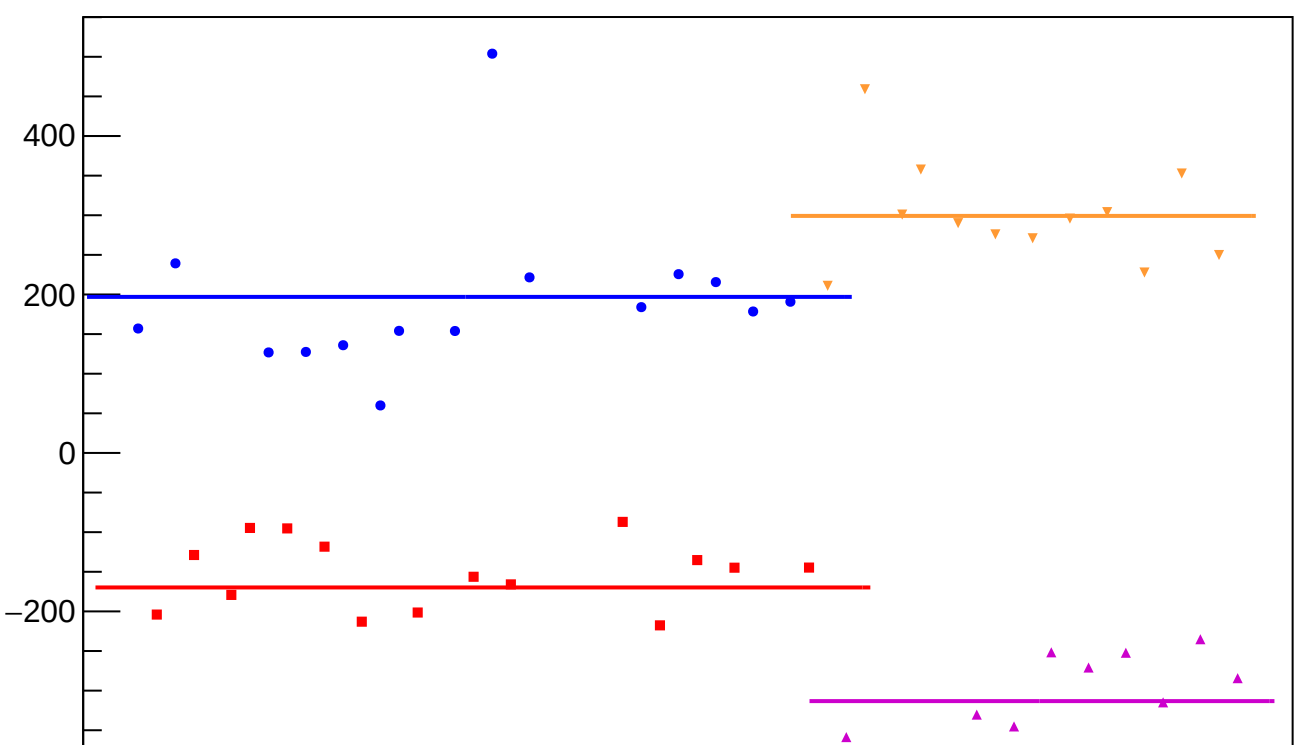
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 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



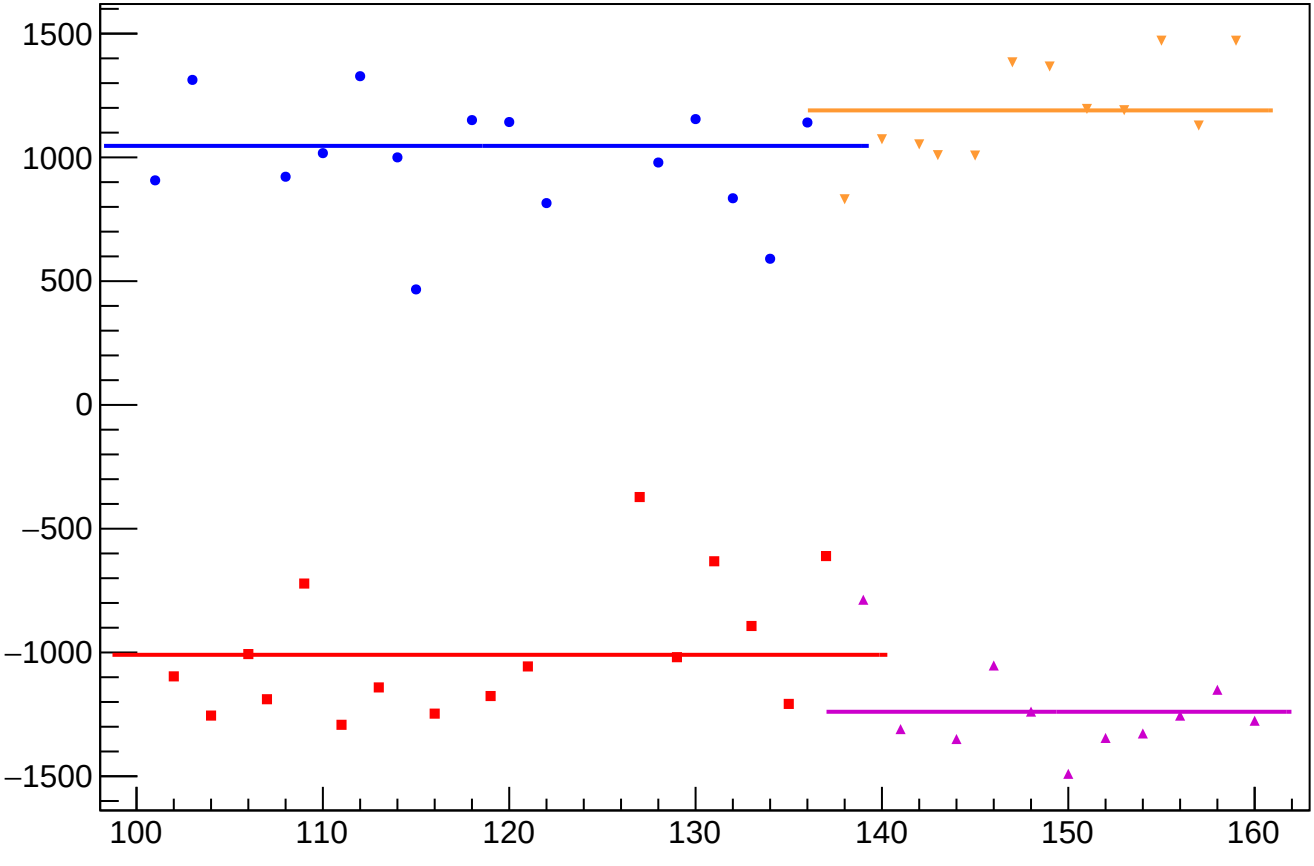
Left: -7.258+/-0.000 χ^2/NDF: 23890758468151762
Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14
Right: -53.015+/-0.000 χ^2/NDF: 220036732540735
Left Out: -2946.326+/-0.000 χ^2/NDF:37311273139536282275859488651053577011 20.0/11
In: 1814.139+/-0.000 χ^2/NDF:8042963130029704
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



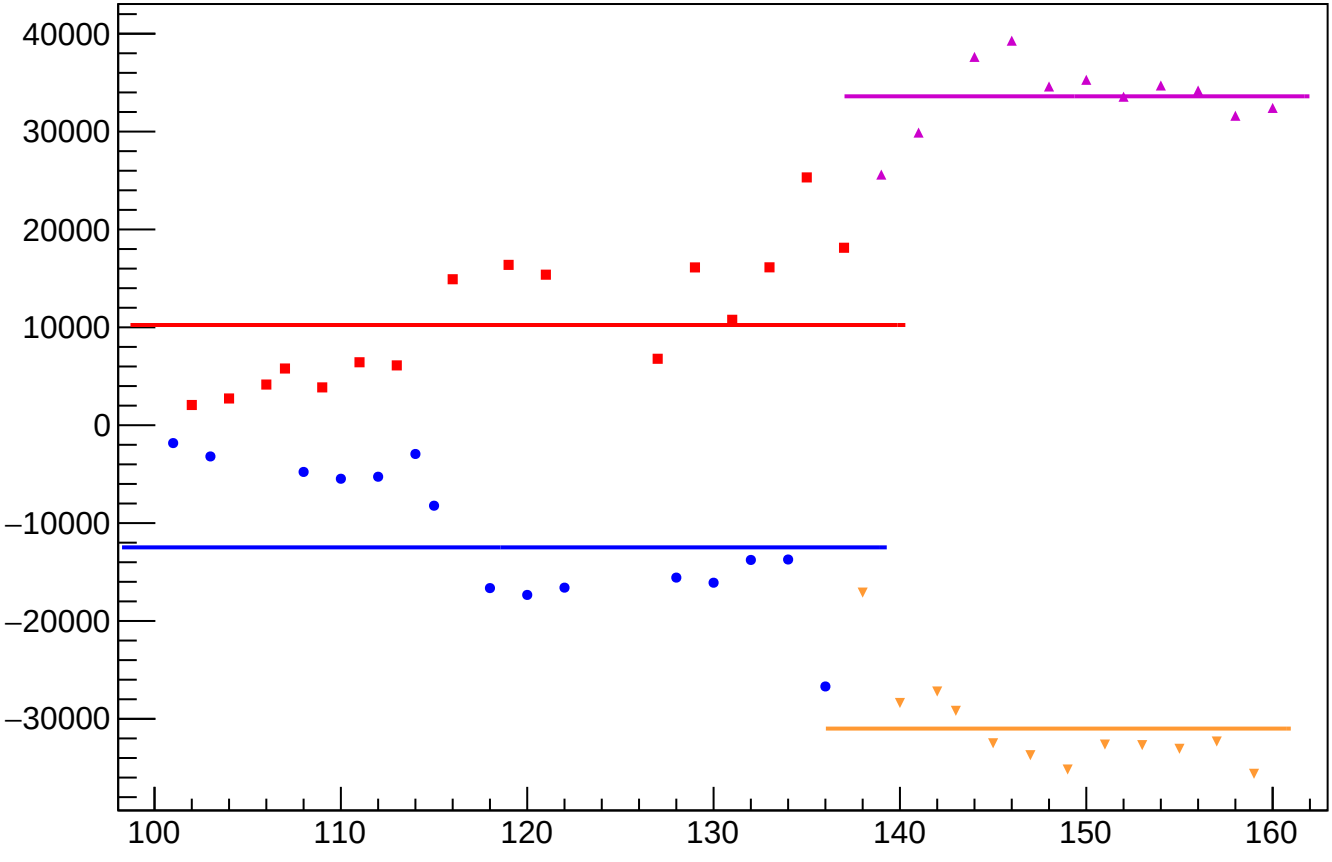
Left: -8.192+/-0.000 χ^2/NDF: 1795657474392997
Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14
Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240
Left Out: 299.172+/-0.000 χ^2/NDF:3880381264543200500455029030889979904.0/11
In: -102.733+/-0.000 χ^2/NDF:1067935716569052
Right 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

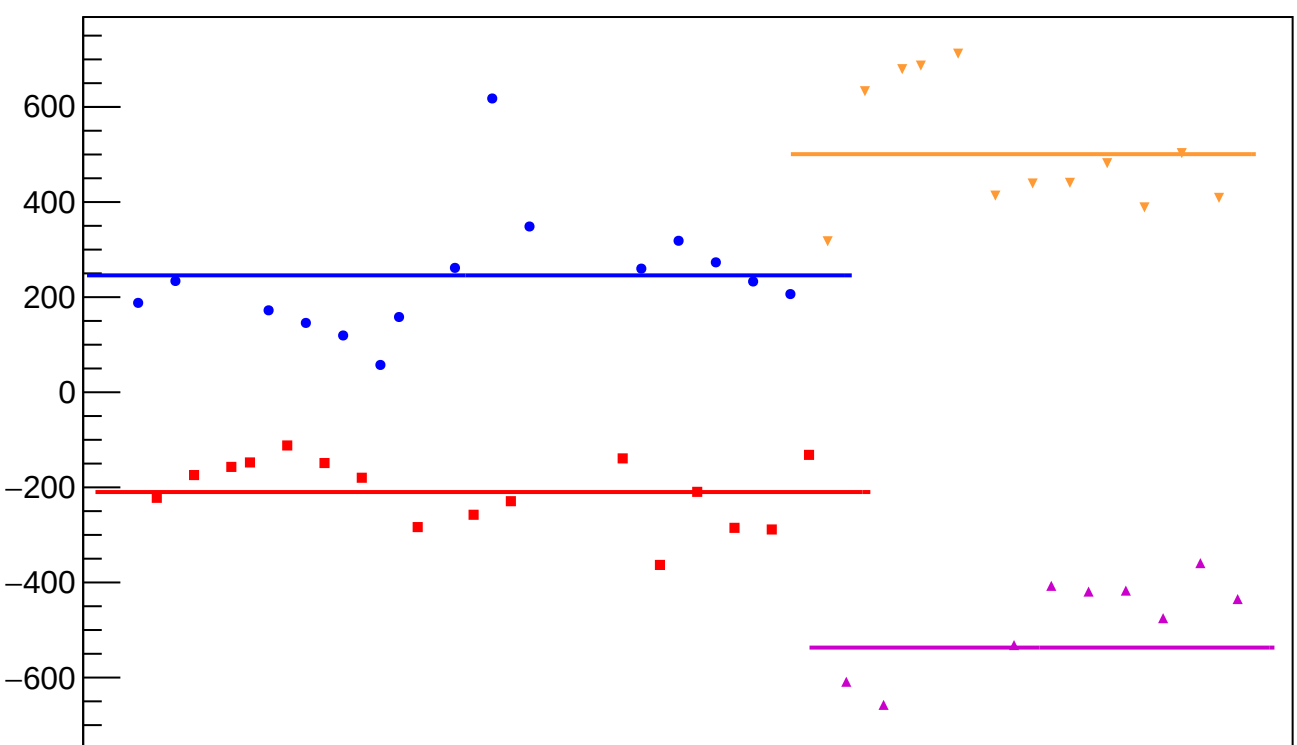
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

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

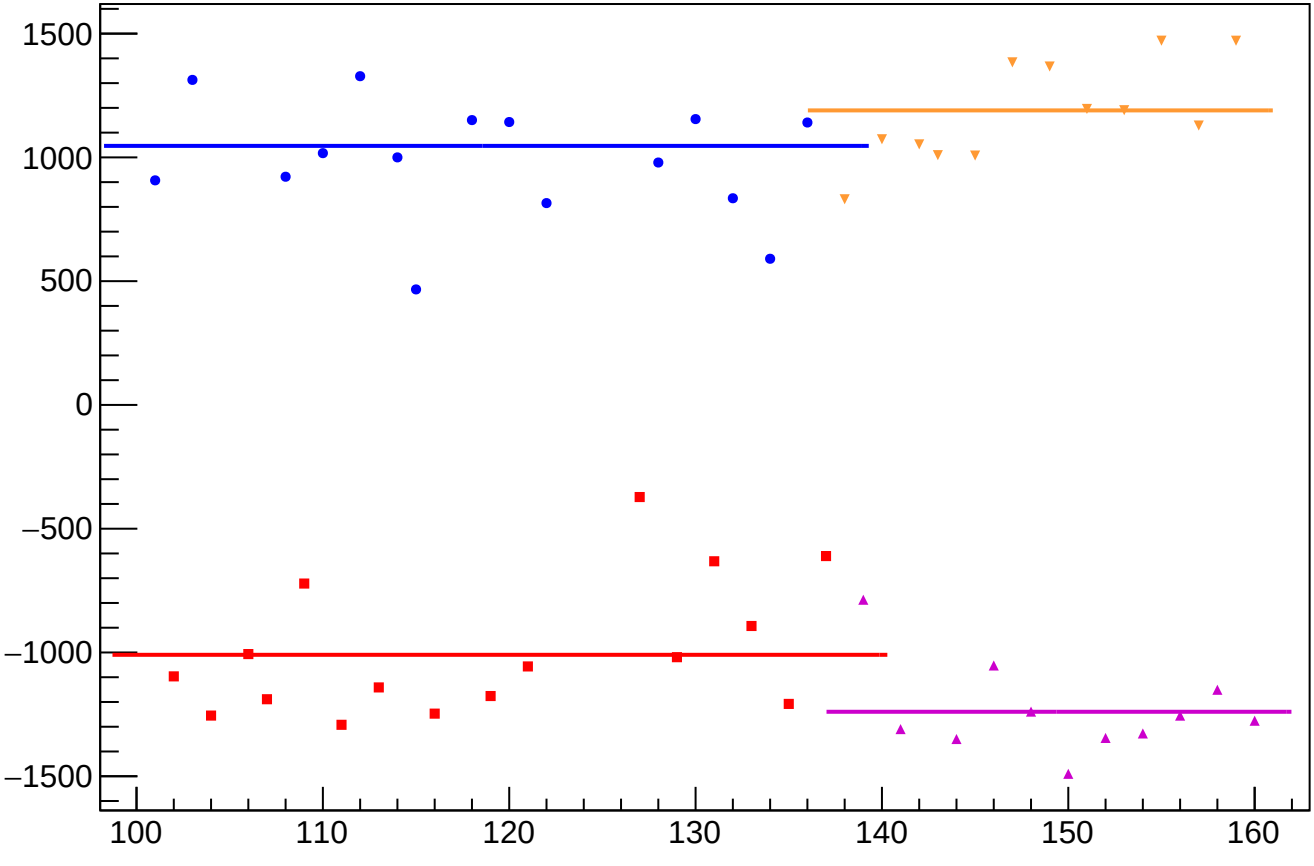
Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Out: 201.513+/-0.000 χ^2/NDF:212456336583566

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

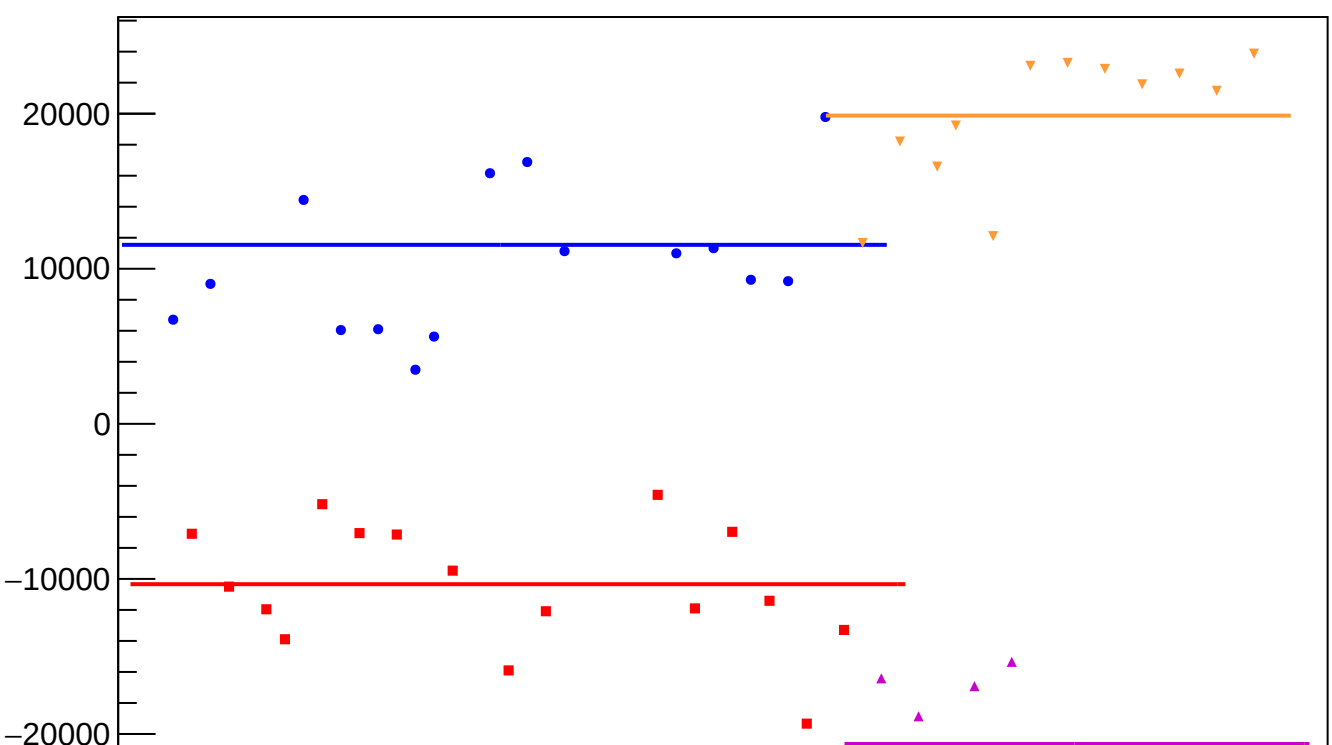
All: -5.519+/-0.000 χ^2/NDF: 6109629963299

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

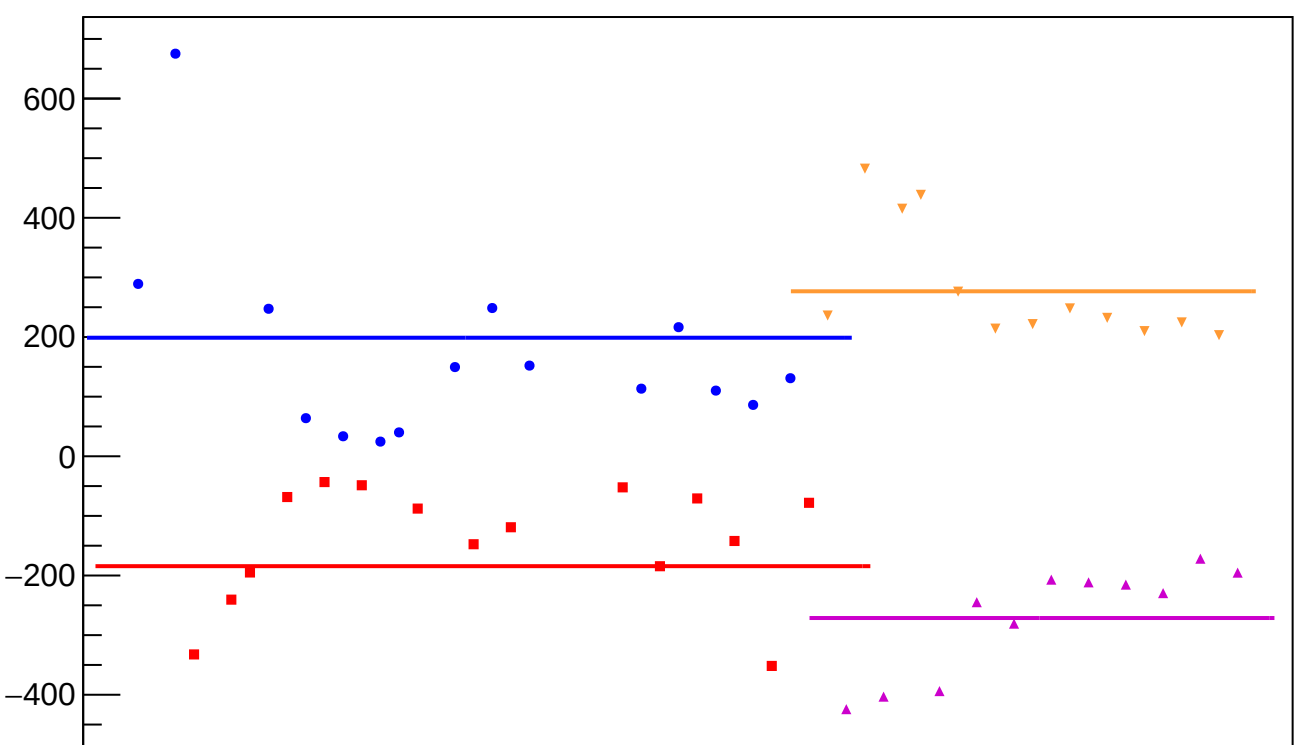
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

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

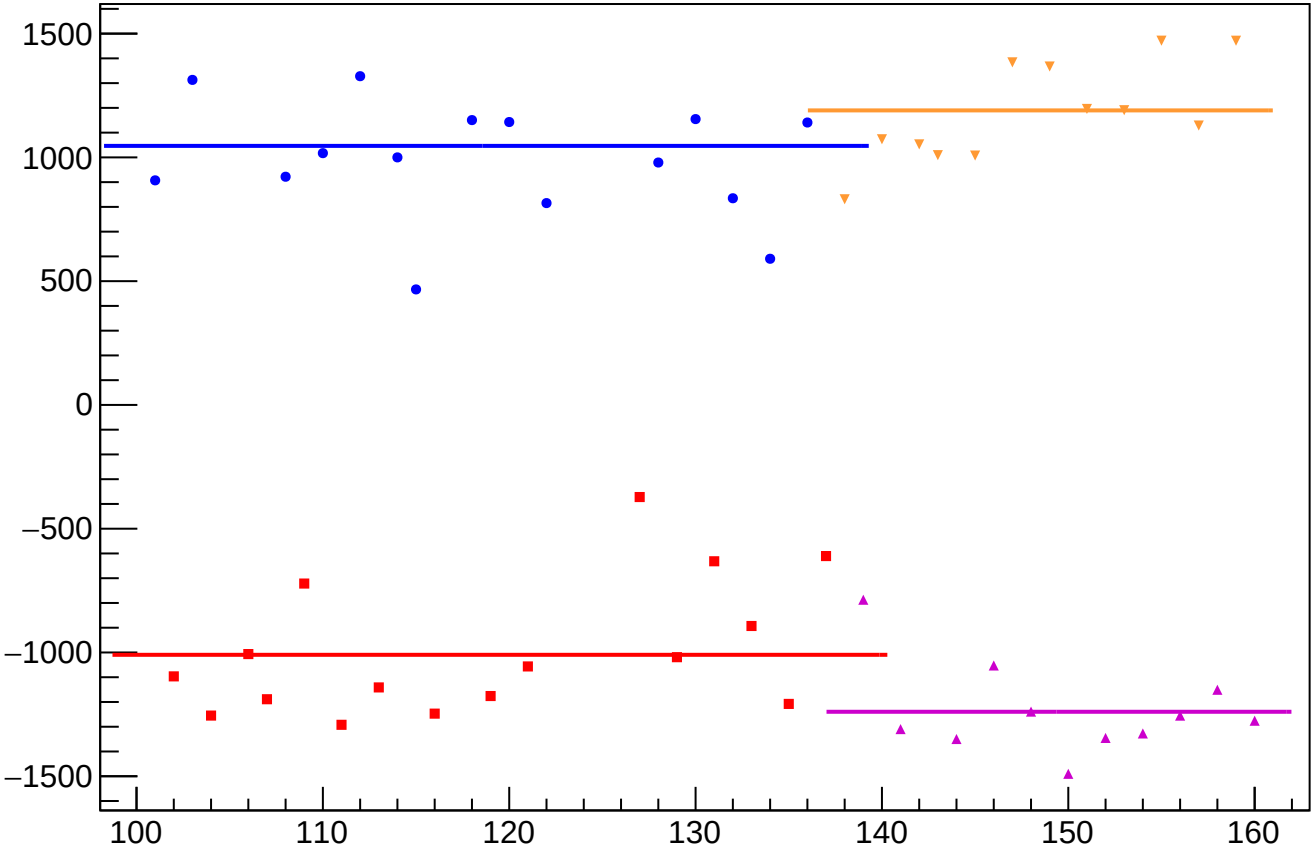
Right Out: -184.328+/-0.000 χ^2/NDF: 149274349313955886010249615383724032 00.0/15

Out: 82.584+/-0.000 χ^2/NDF:105041531978612 64

Left In: -271.291+/-0.000 χ^2/NDF:711244598103052014506681410397405184 0.0/10

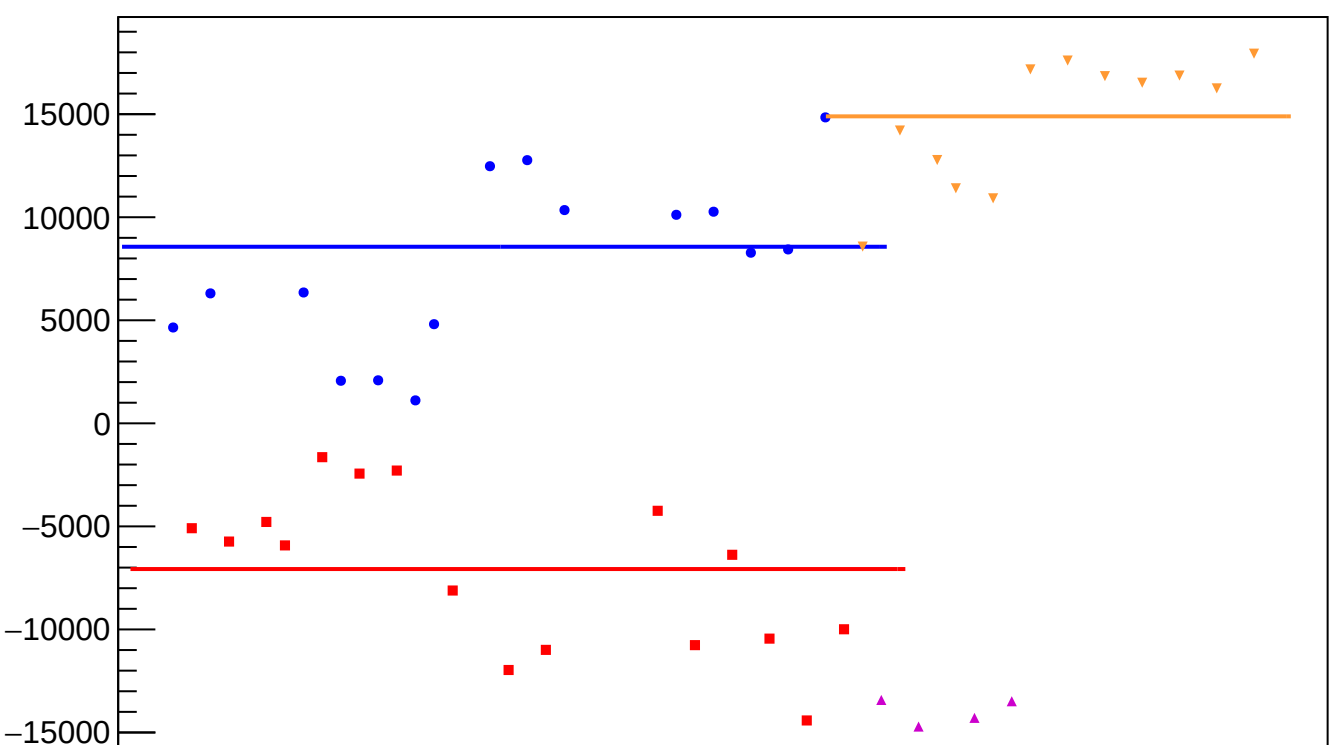
All: 2.912+/-0.000 χ^2/NDF: 2349321475908 2

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

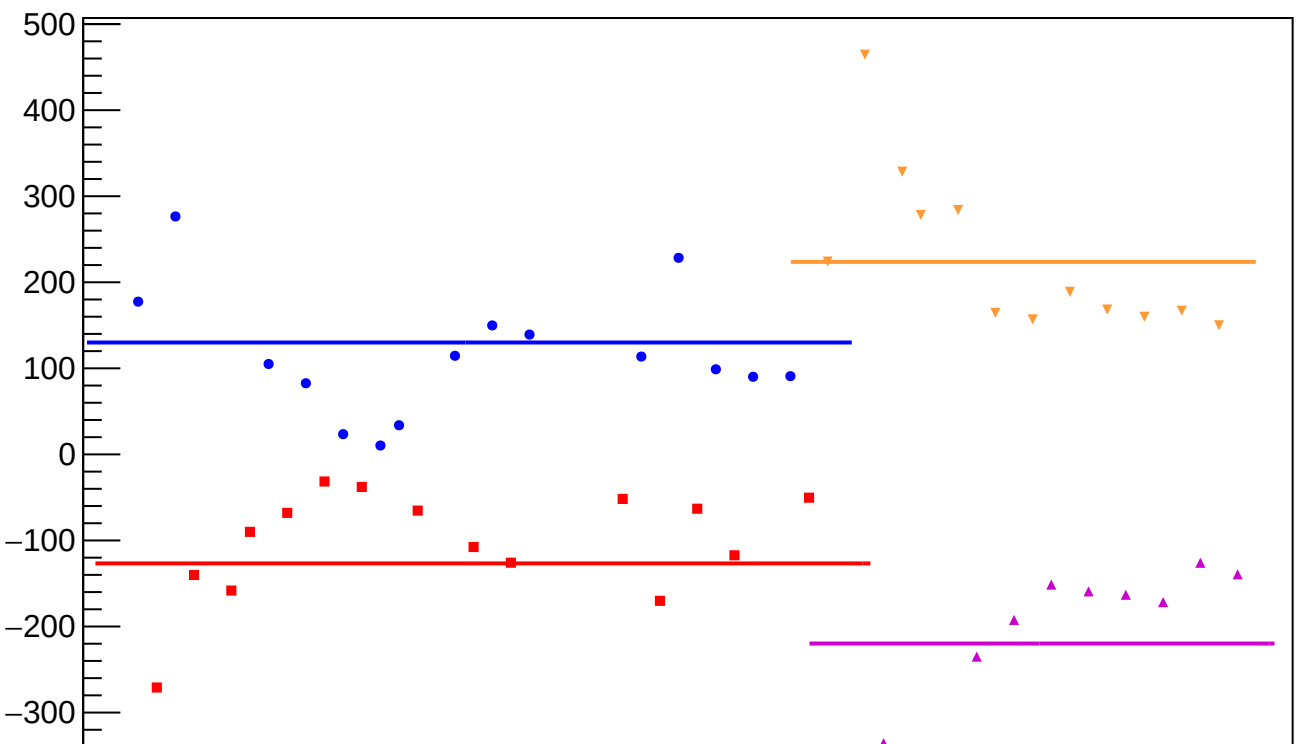
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

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

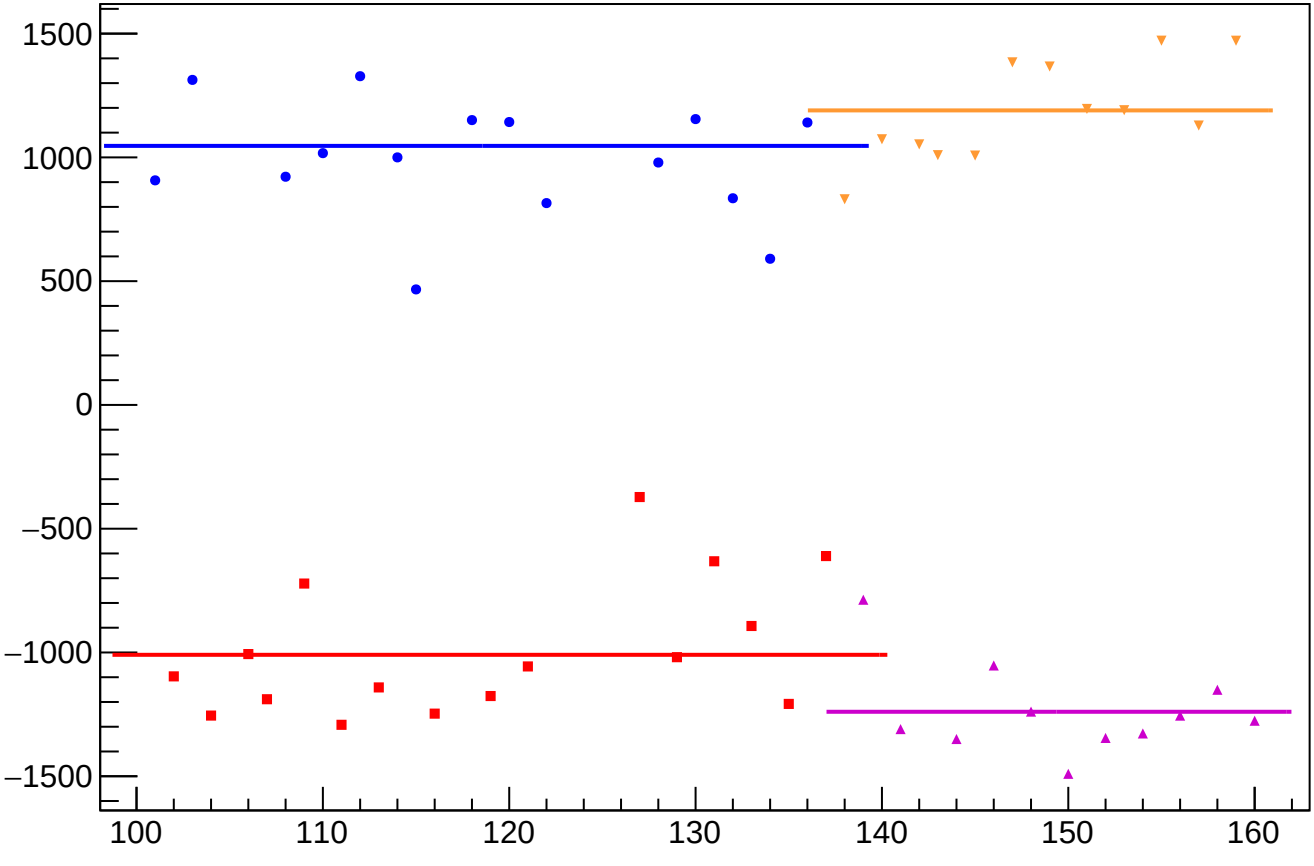
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Out: 76.161+/-0.000 χ^2/NDF:605855057838311

Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

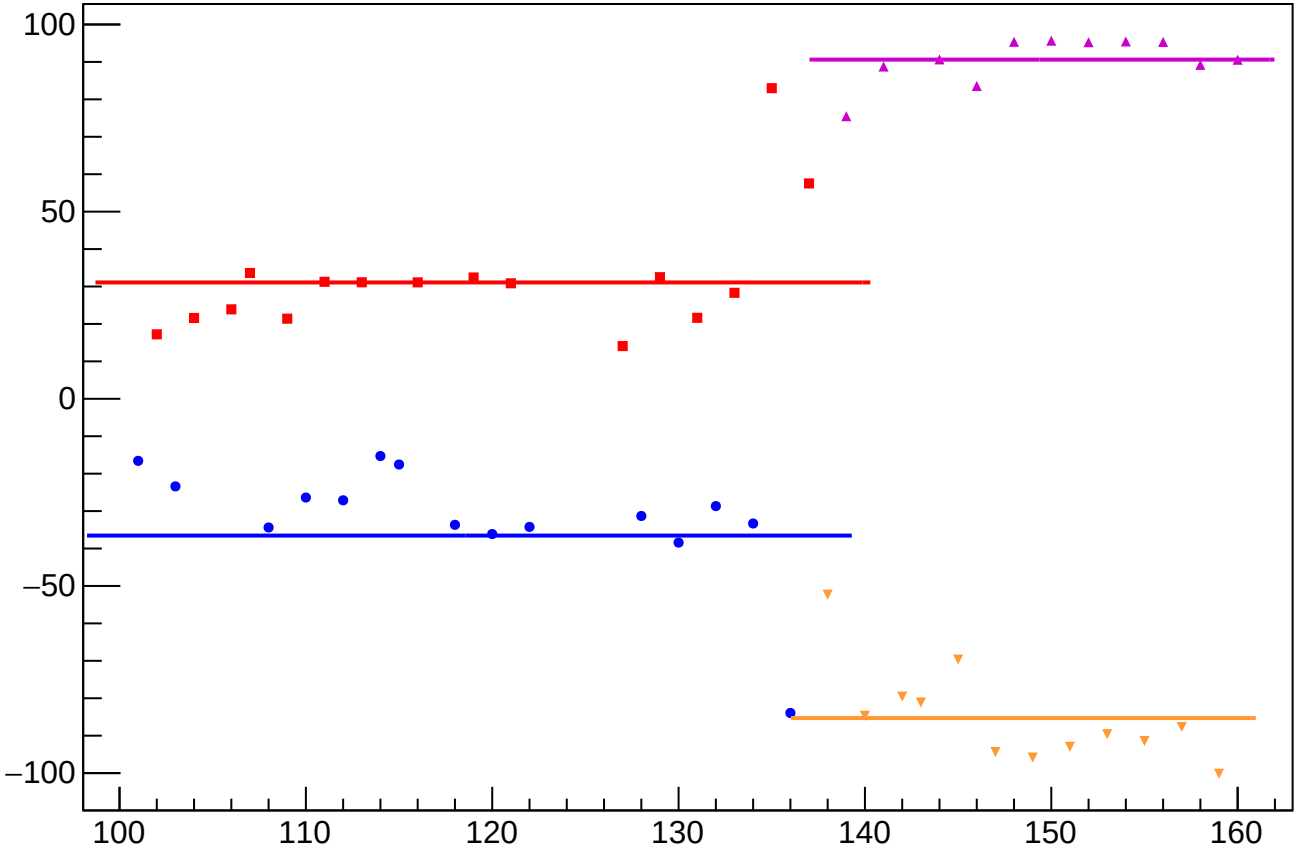
All: 0.615+/-0.000 χ^2/NDF: 1359127742015

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



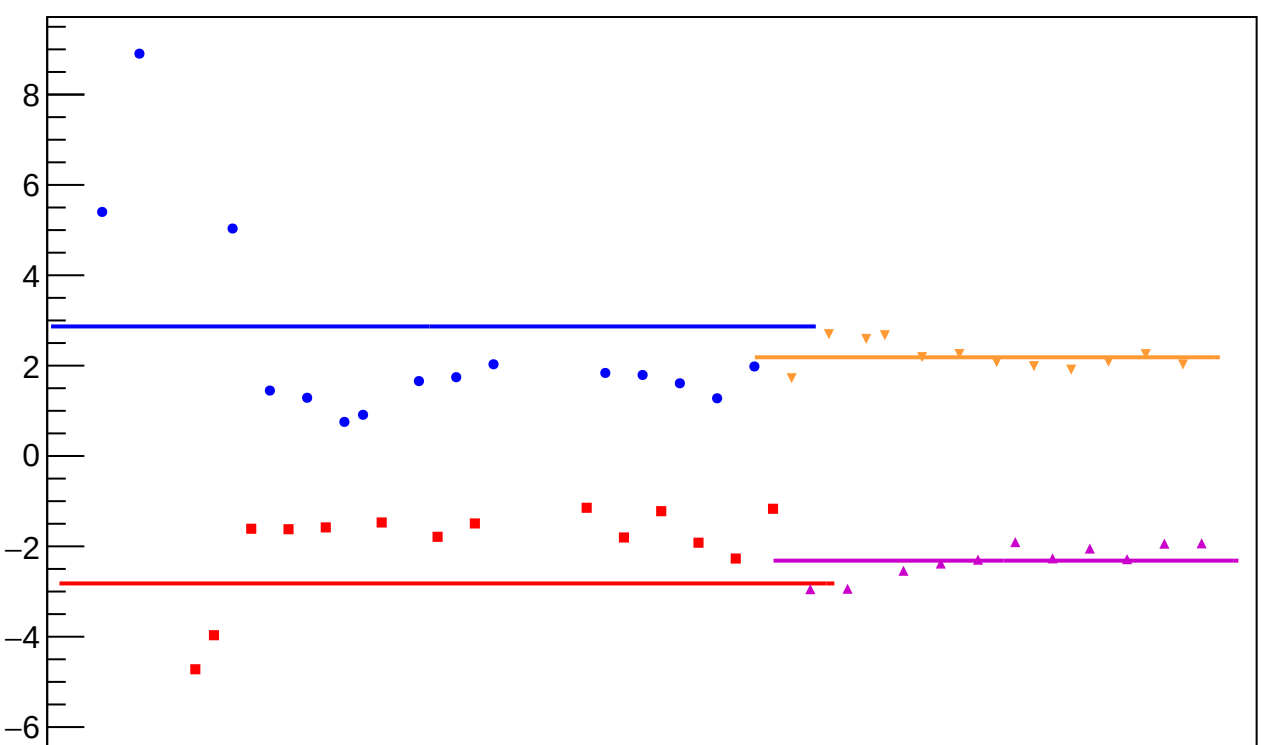
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 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

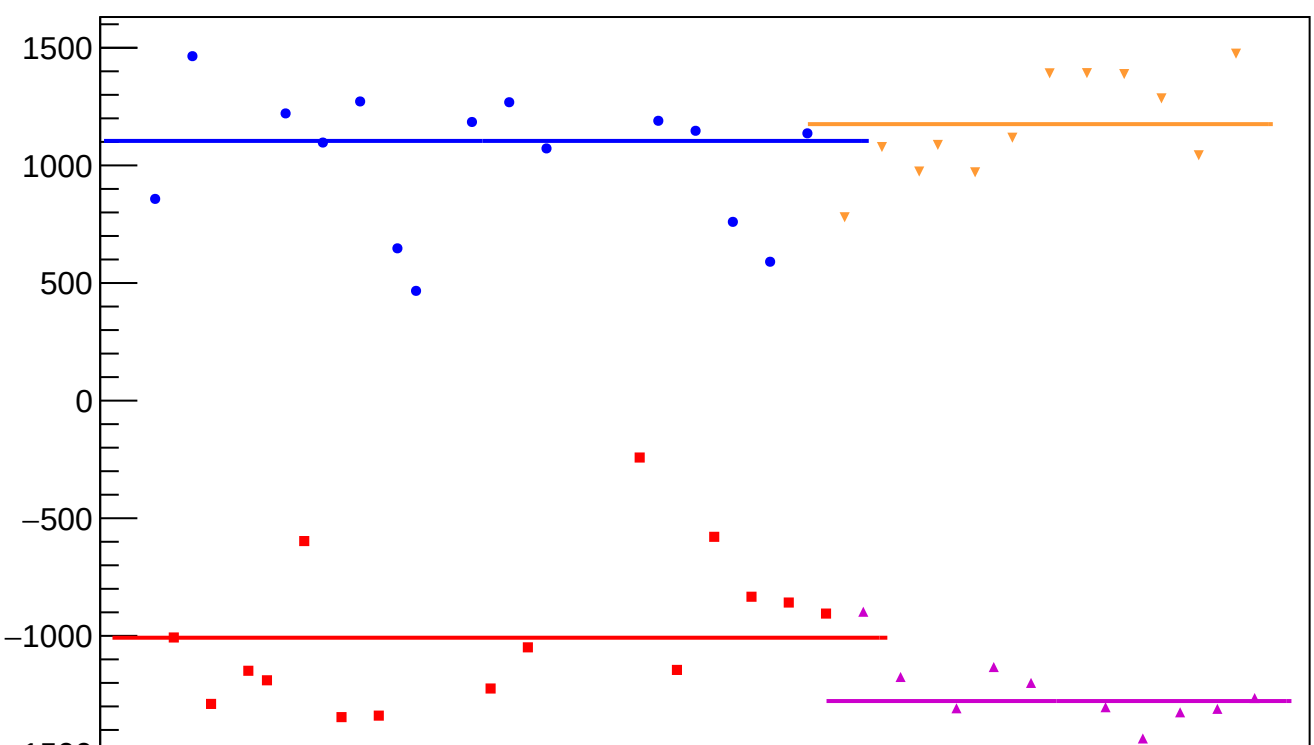
Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

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

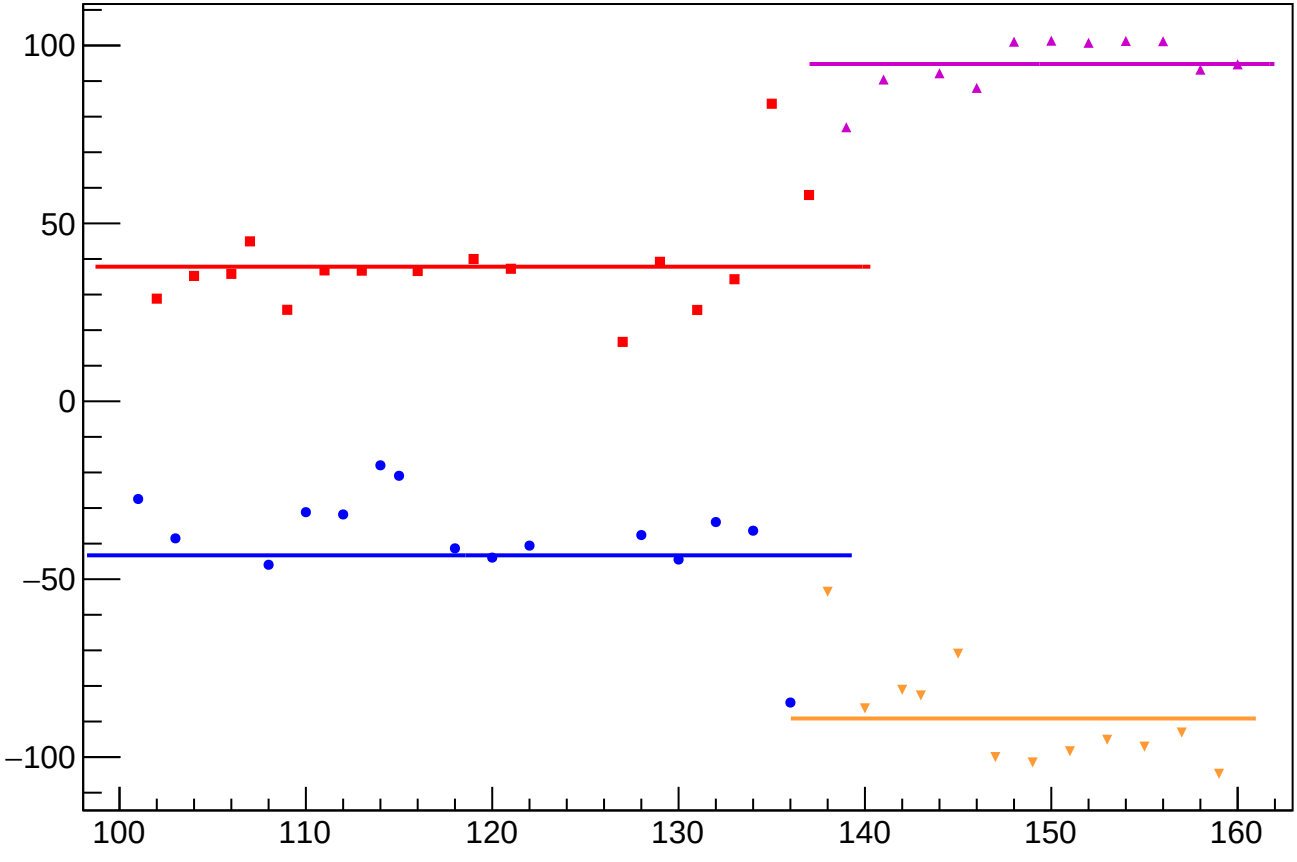
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

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

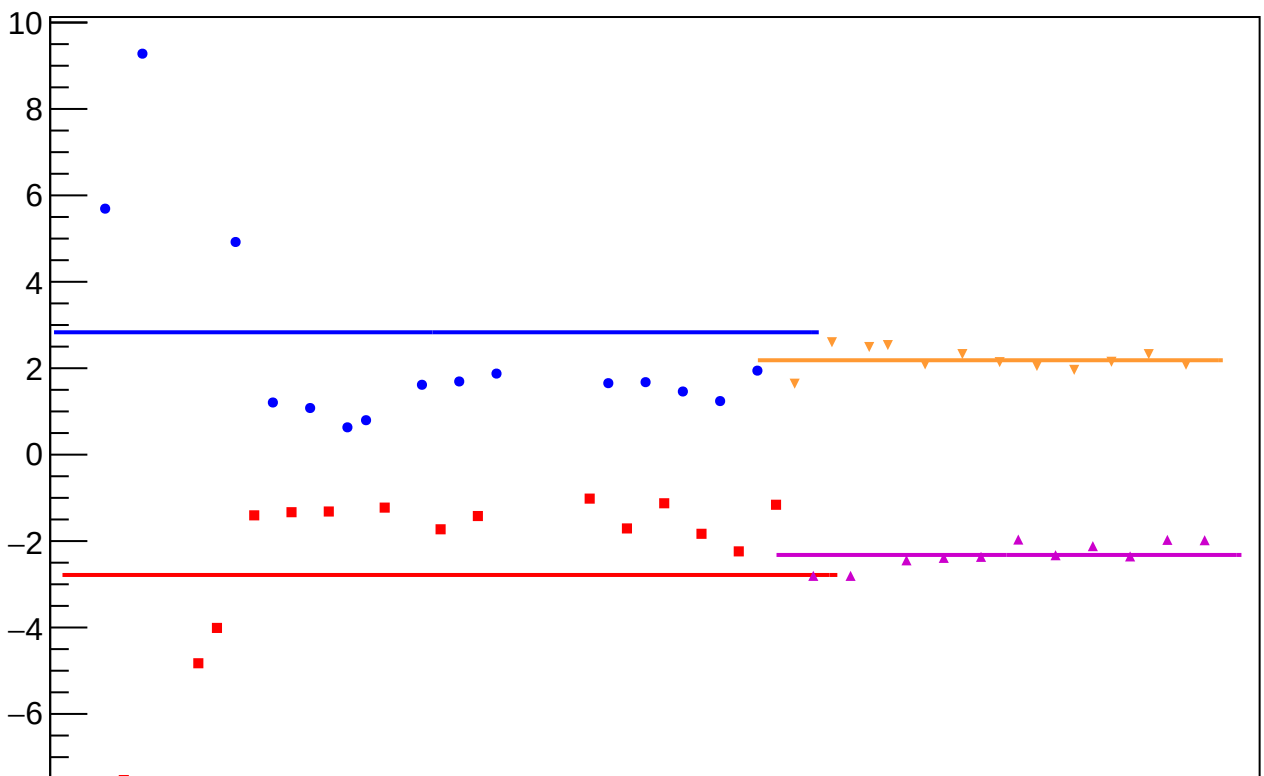
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.677+/-0.000 χ^2/NDF:6563927039215261

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

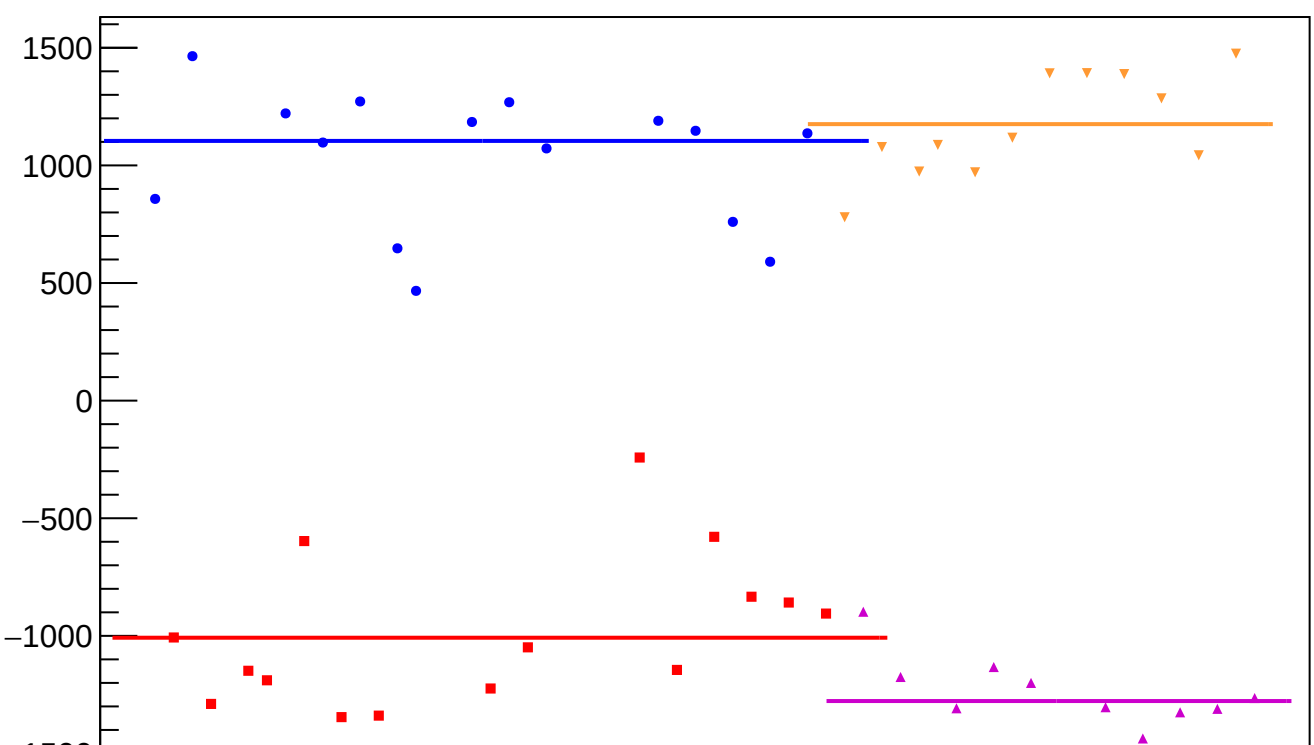
All: 0.946+/-0.000 χ^2/NDF: 18345835995251

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

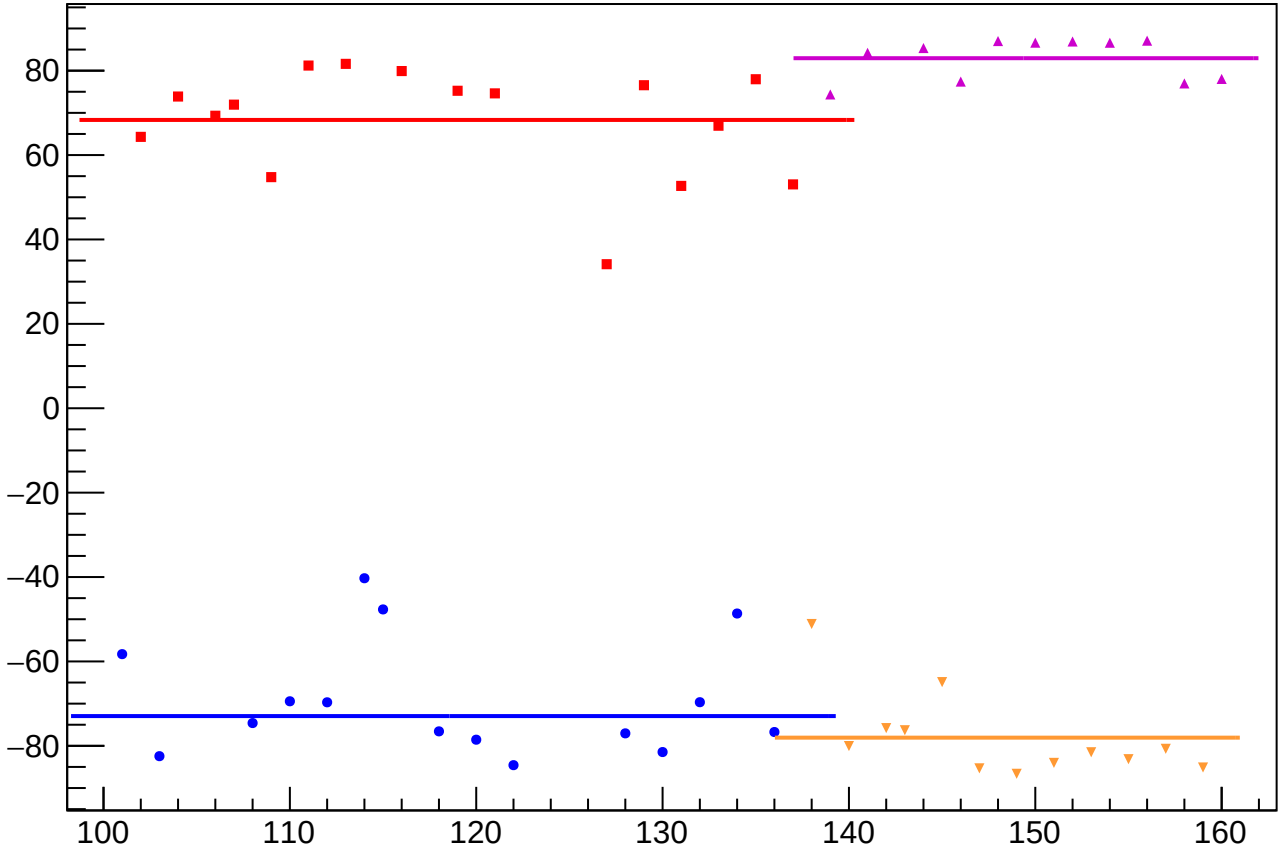
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

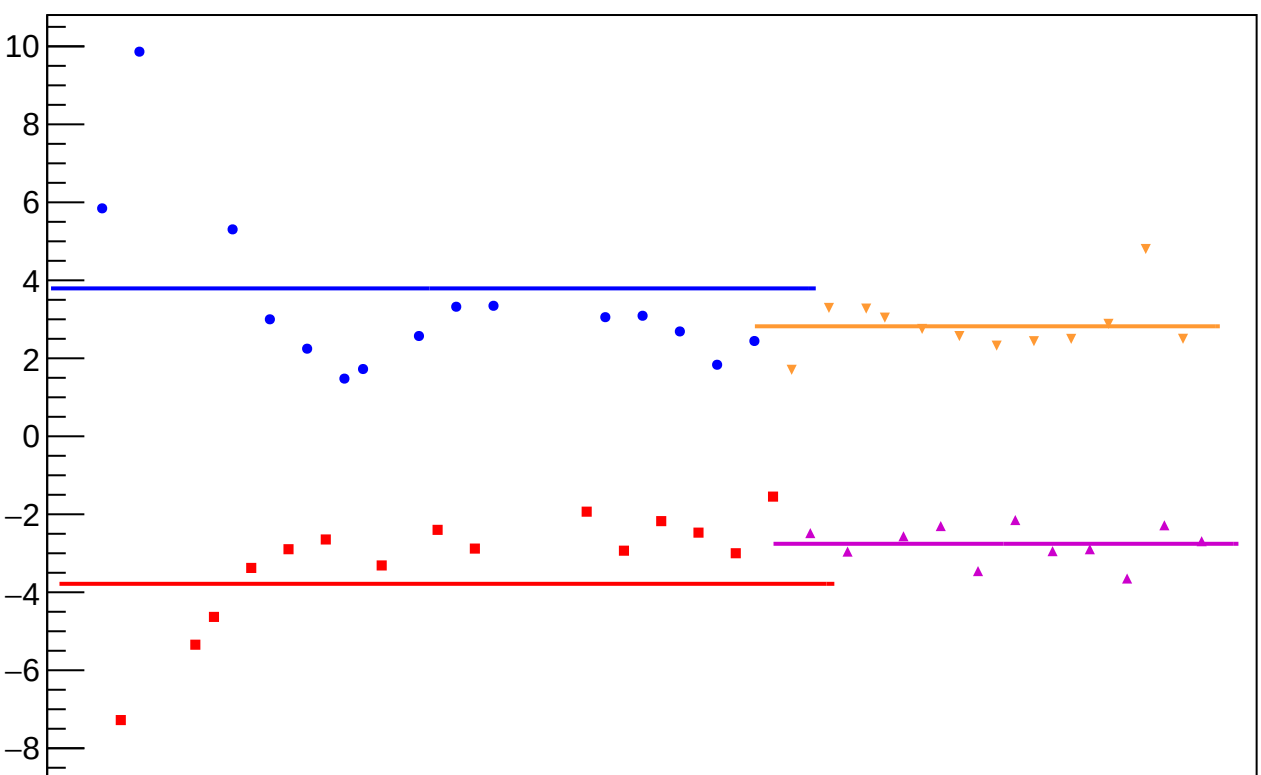
All: -18.318+/-0.000 χ^2/NDF: 441314646270

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

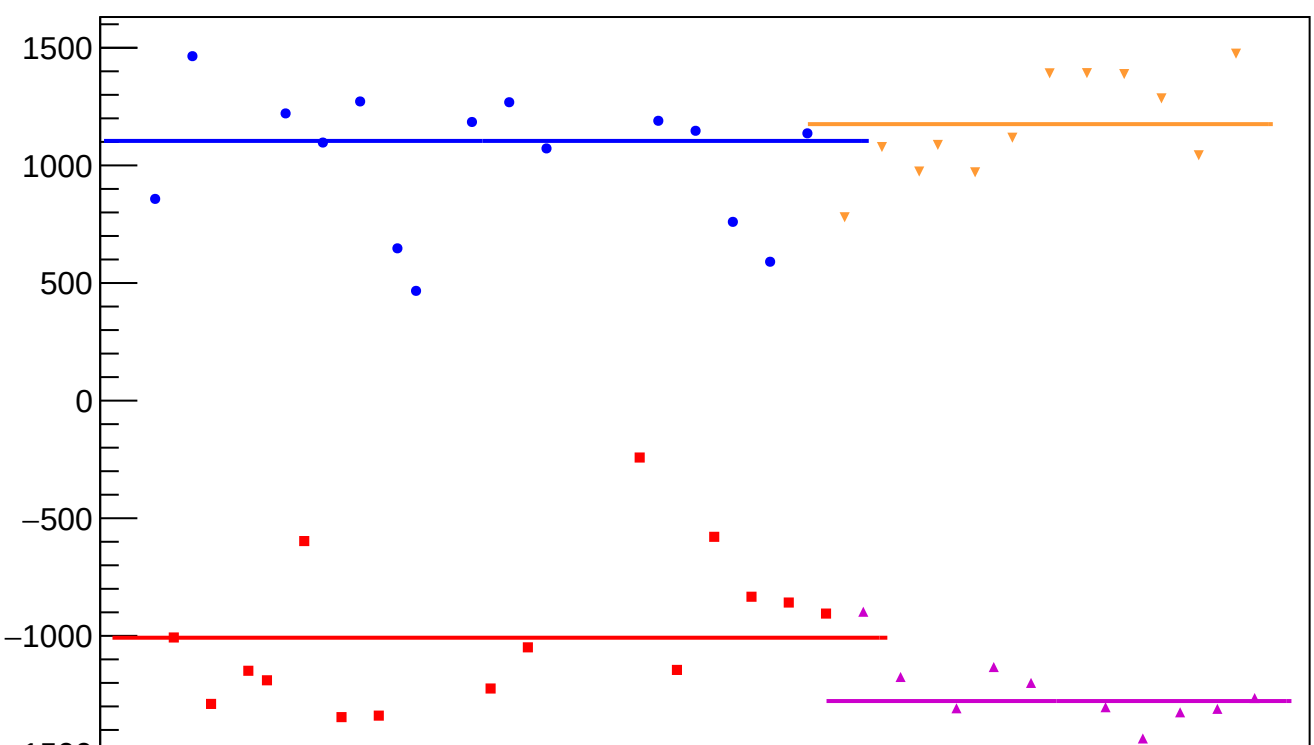
Right Out: -3.783+/-0.000 χ^2/NDF: 287858662219267665445233875537 1008.0/15

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

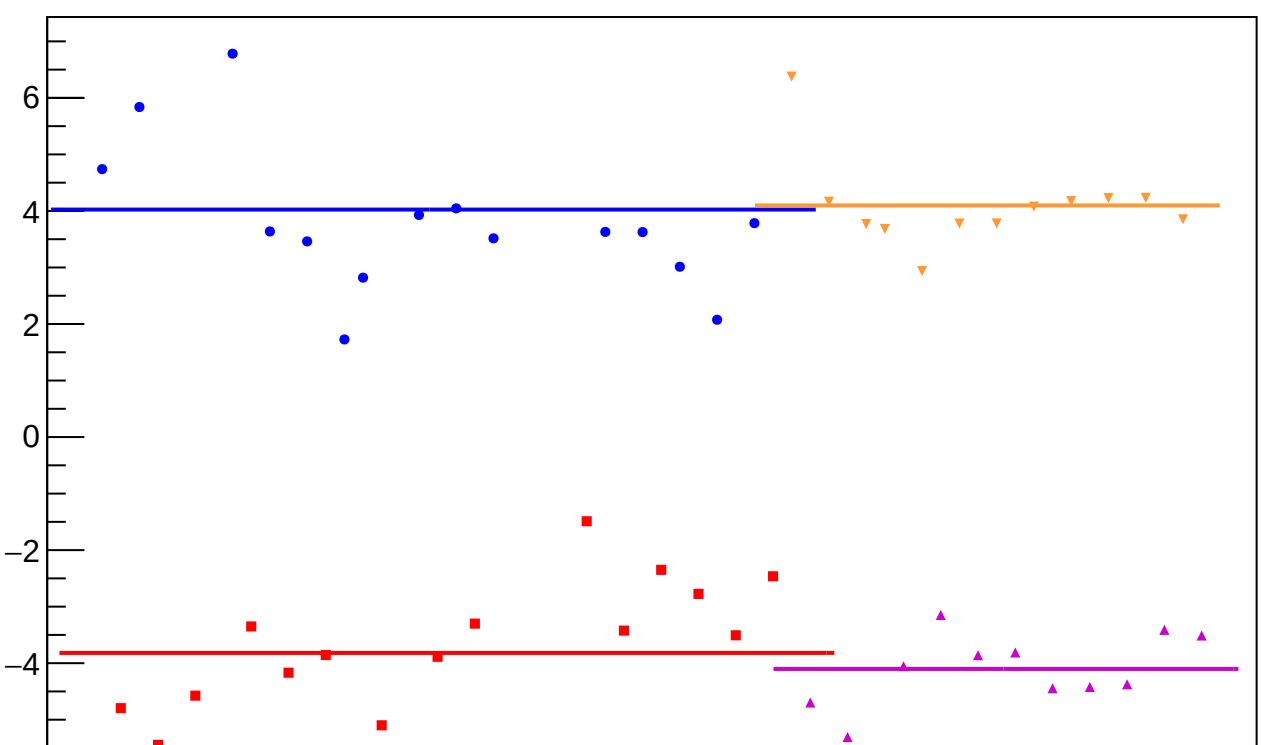
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

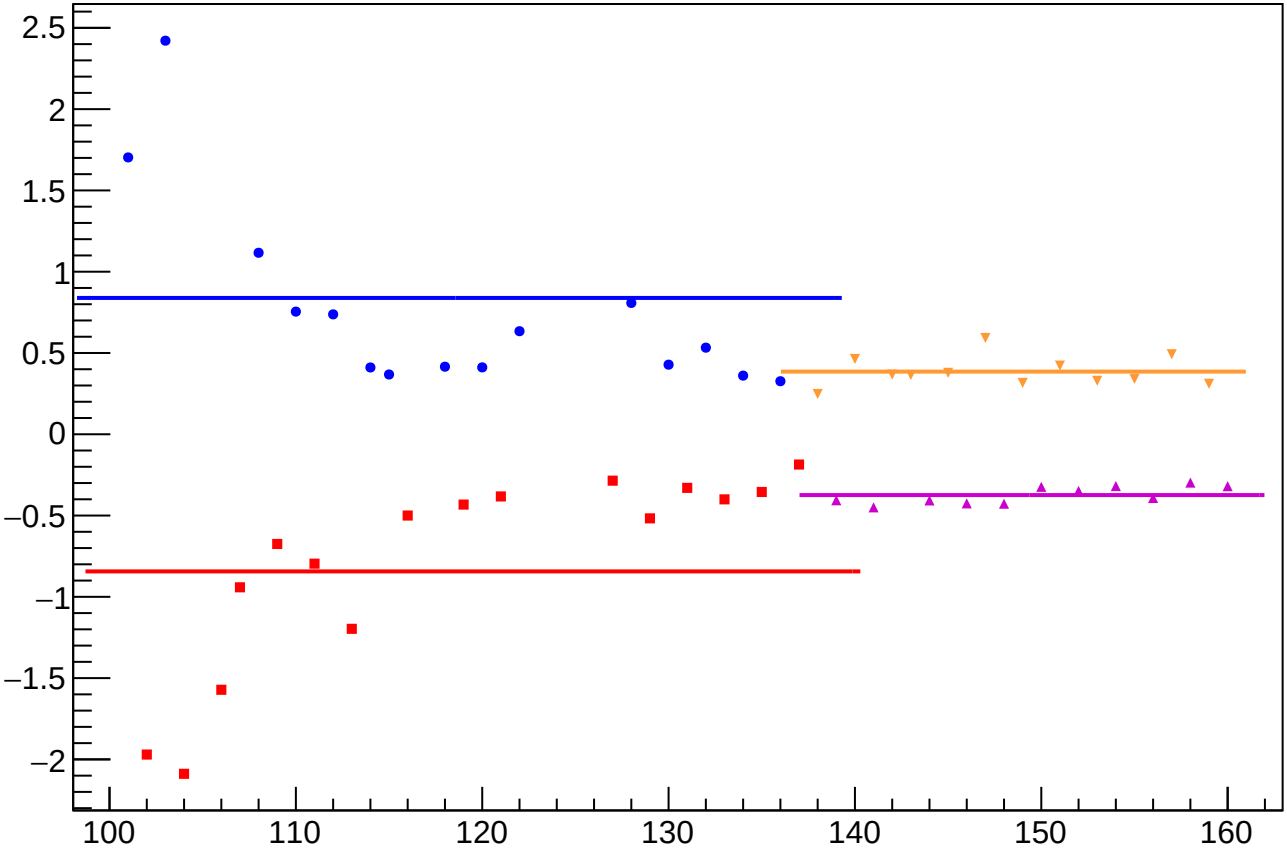
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.764+/-0.000 χ^2/NDF:2564107672551213 40

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

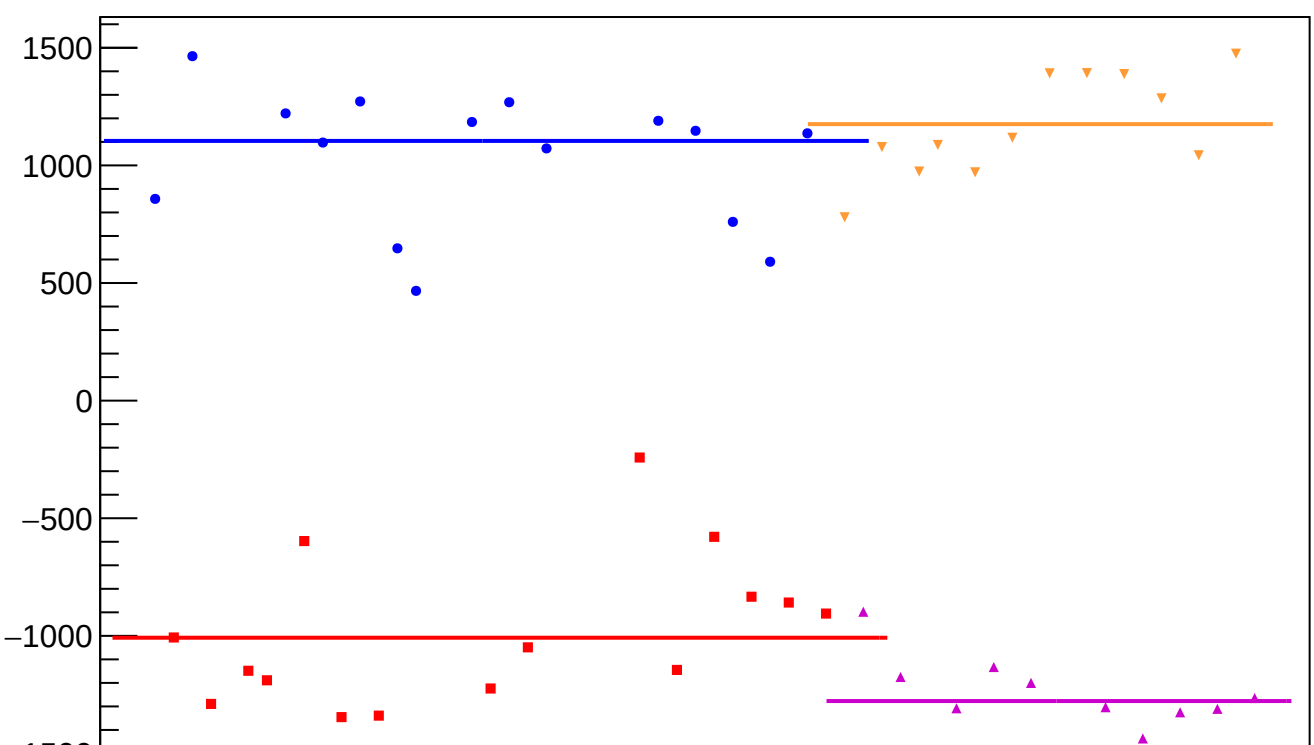
All: 0.010+/-0.000 χ^2/NDF: 5372299402836 1

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

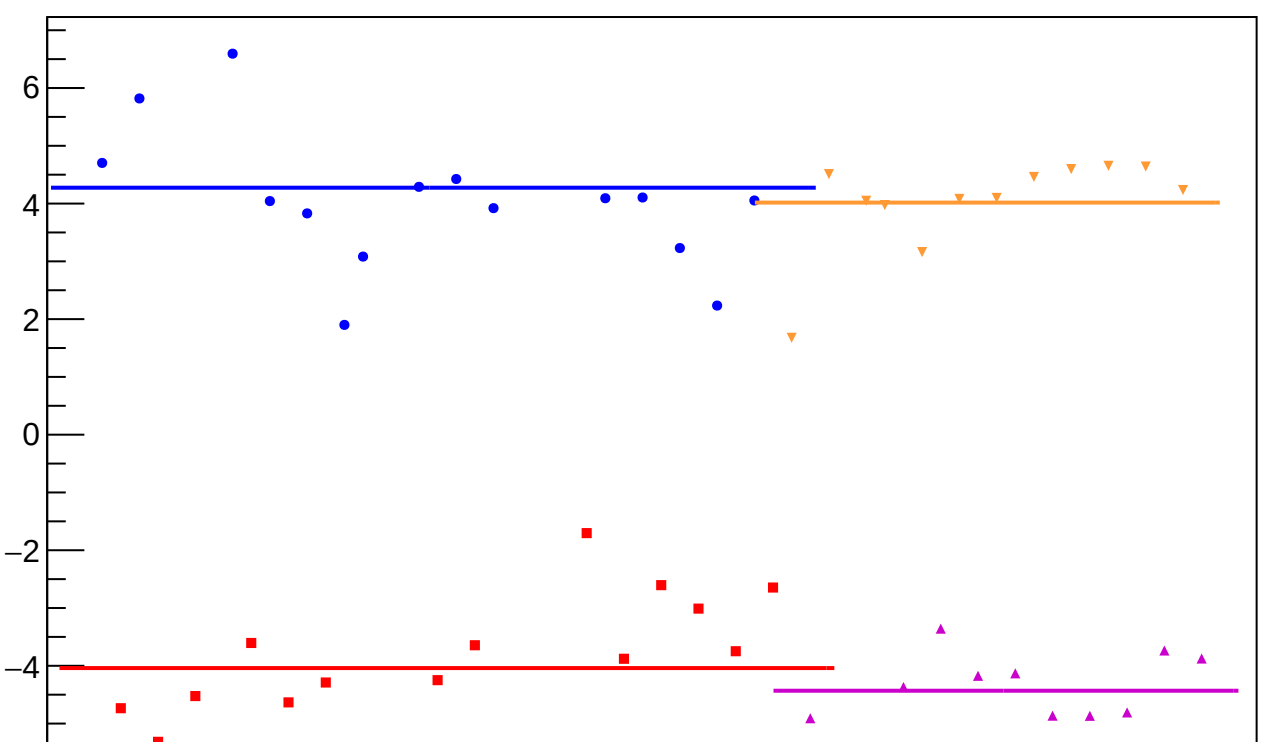
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

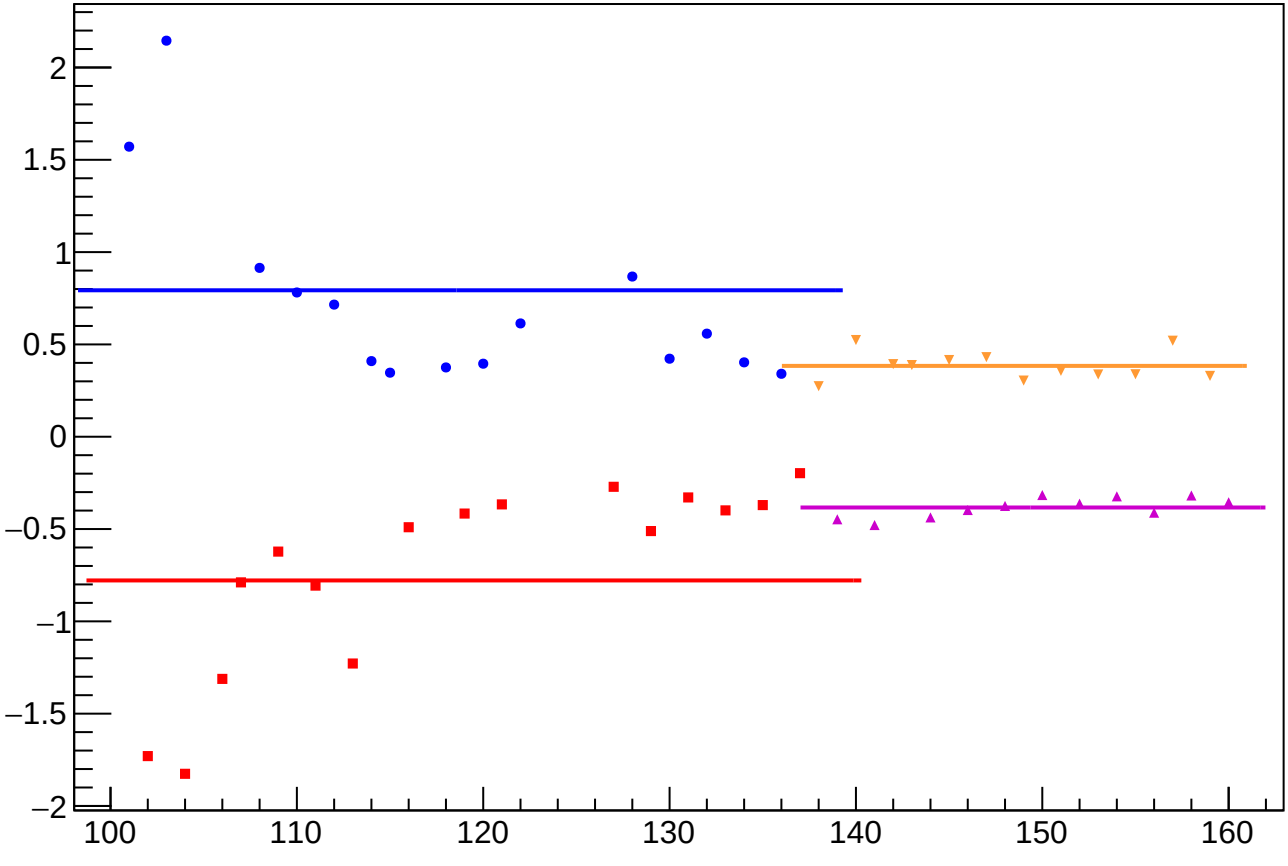
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

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

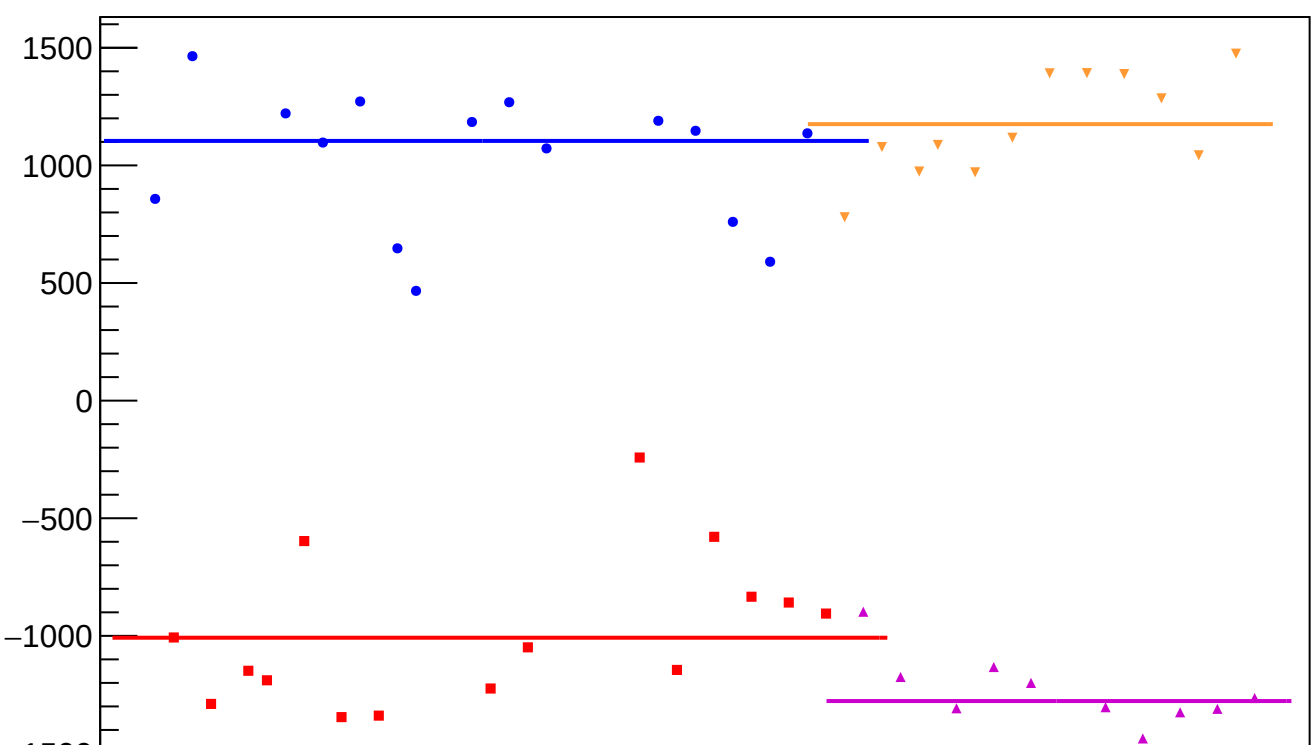
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

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

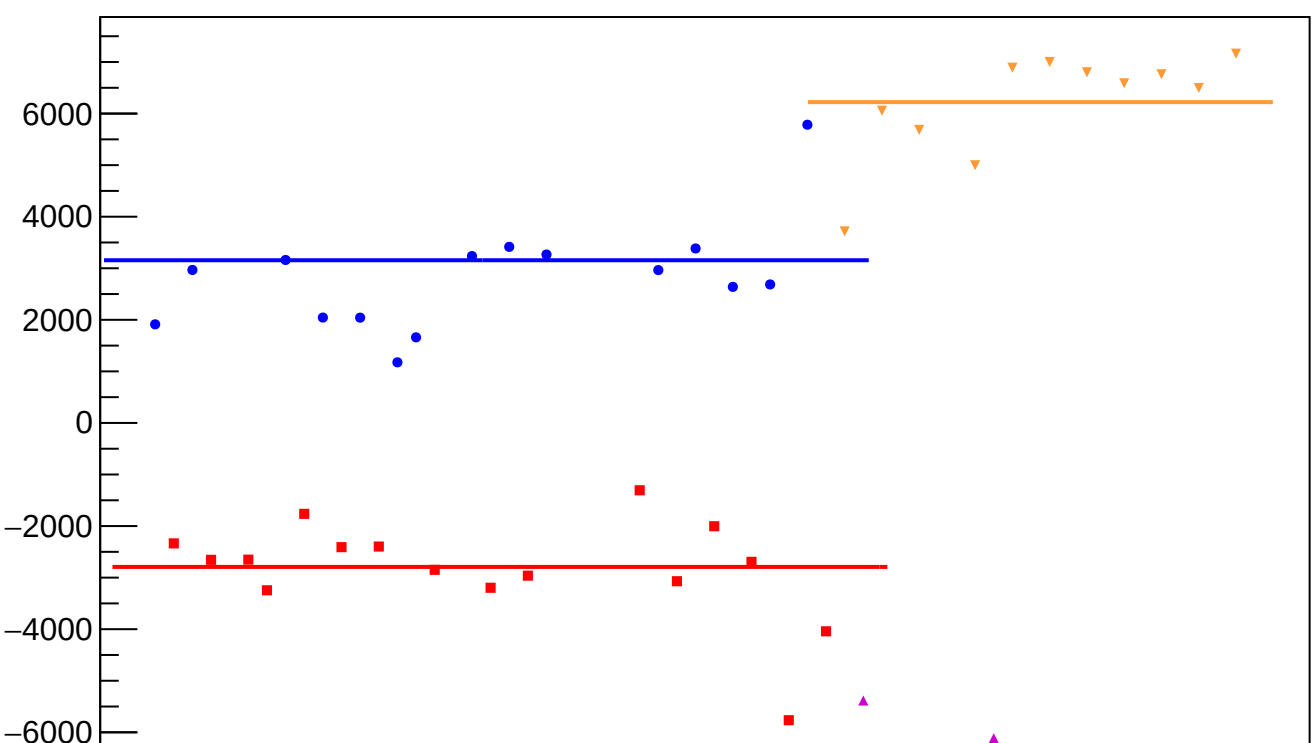
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

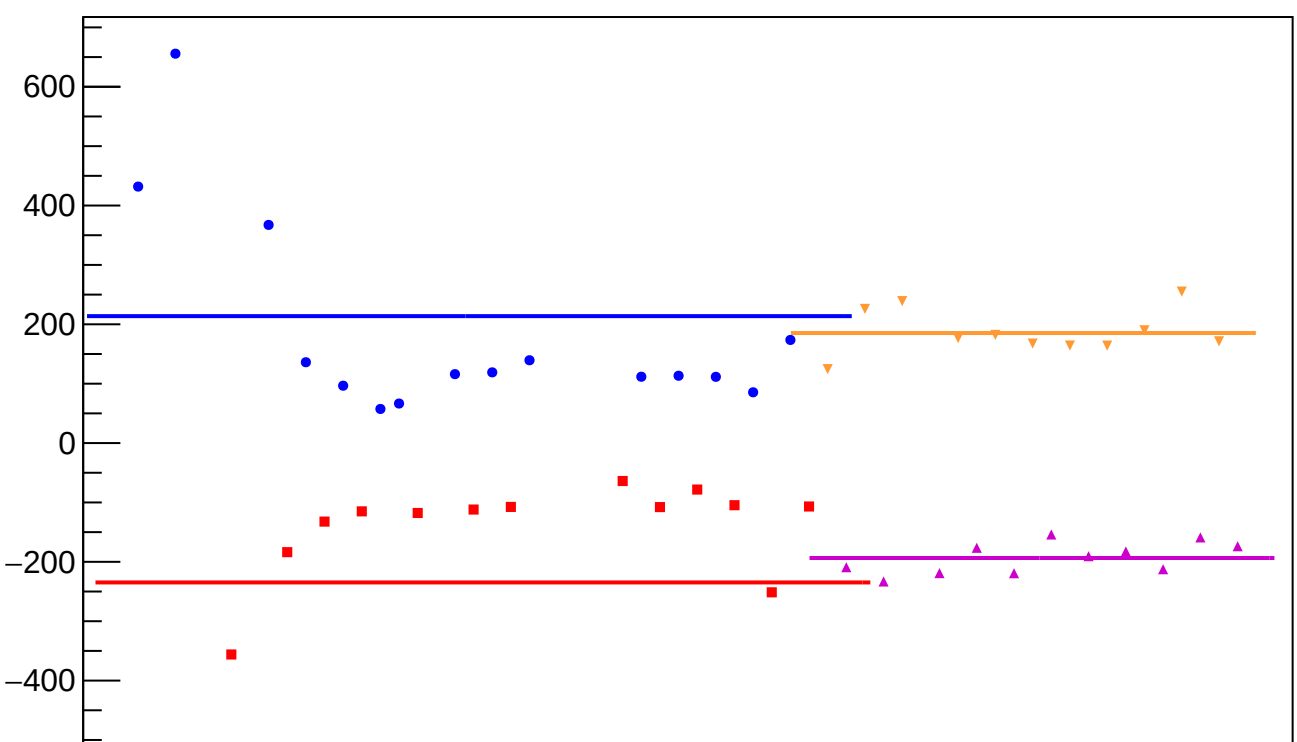
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

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

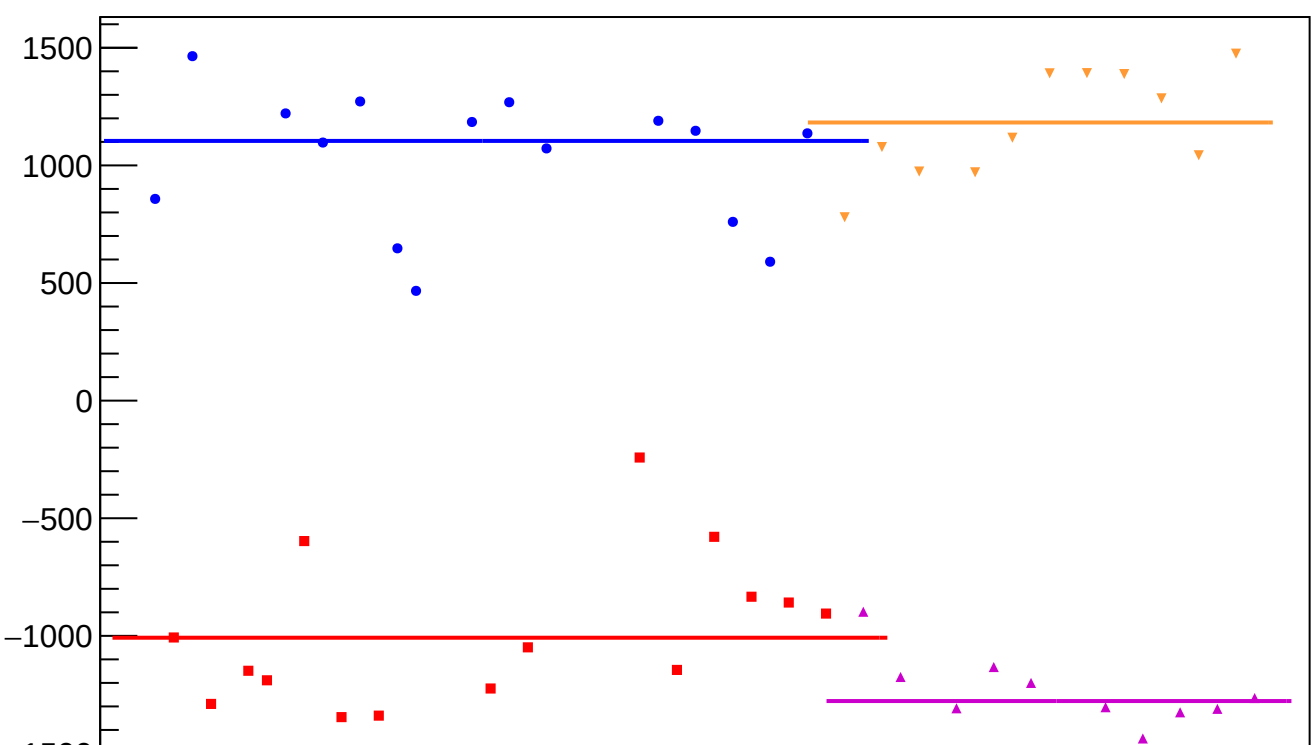
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

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

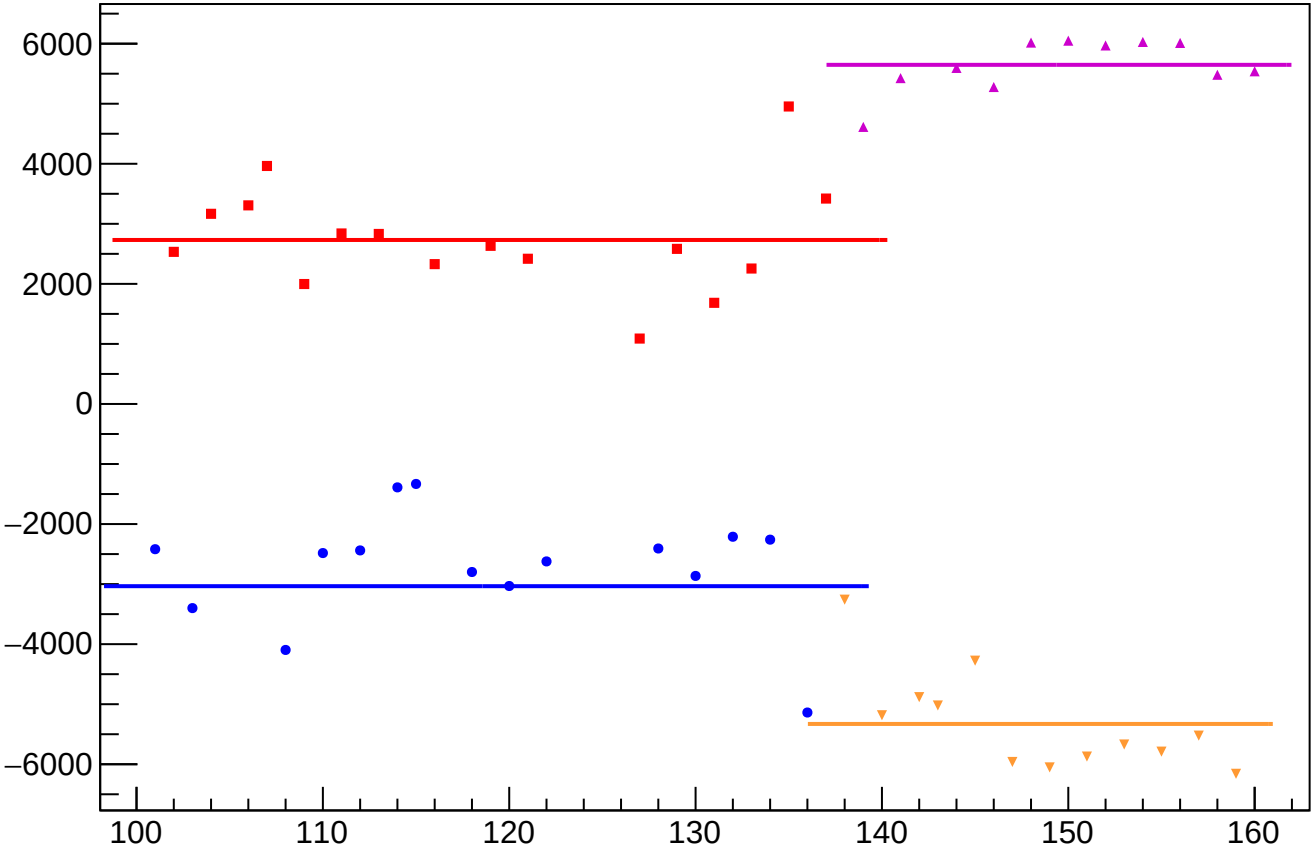
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

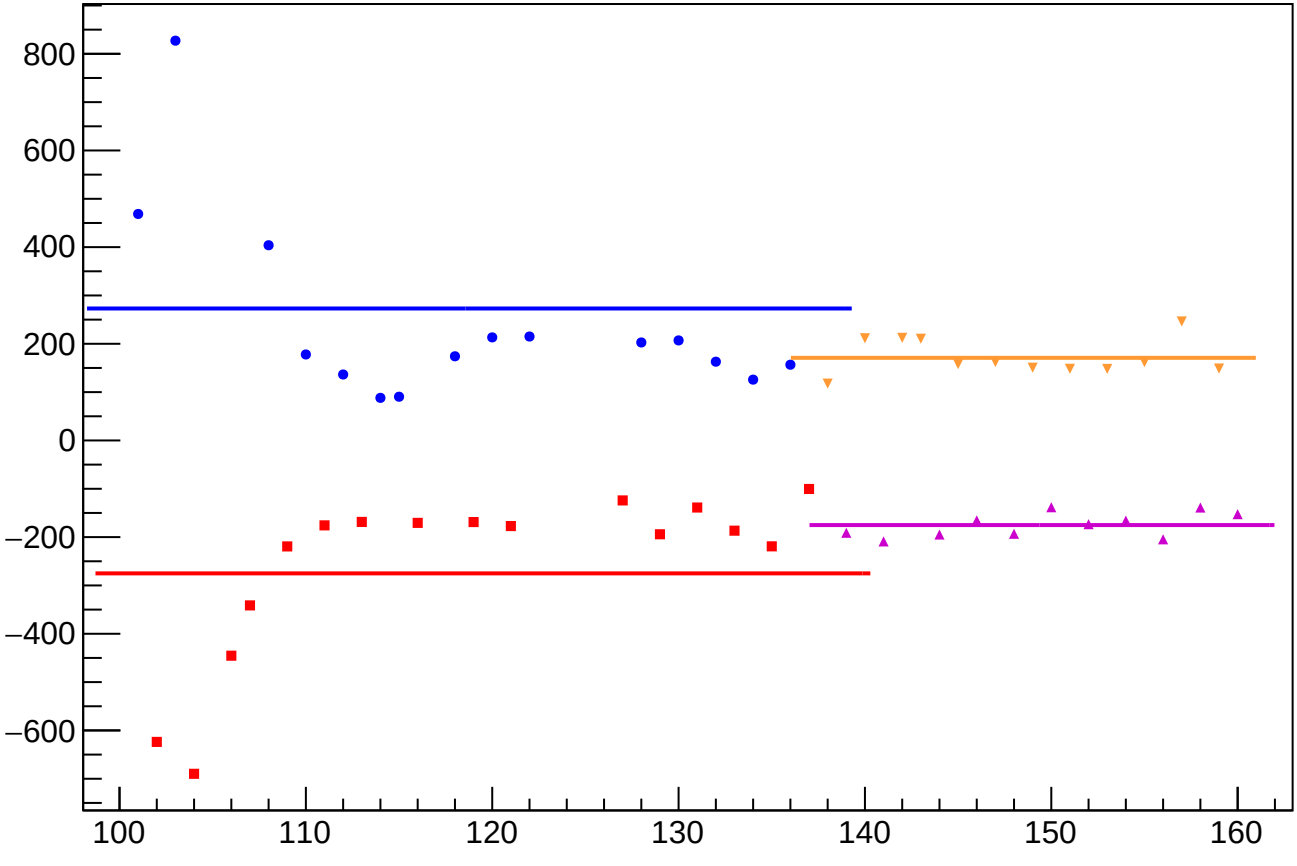
Right Out: 2731.035+/-0.000 χ^2/NDF: 528290847703567991555694629239211950080.0/15

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

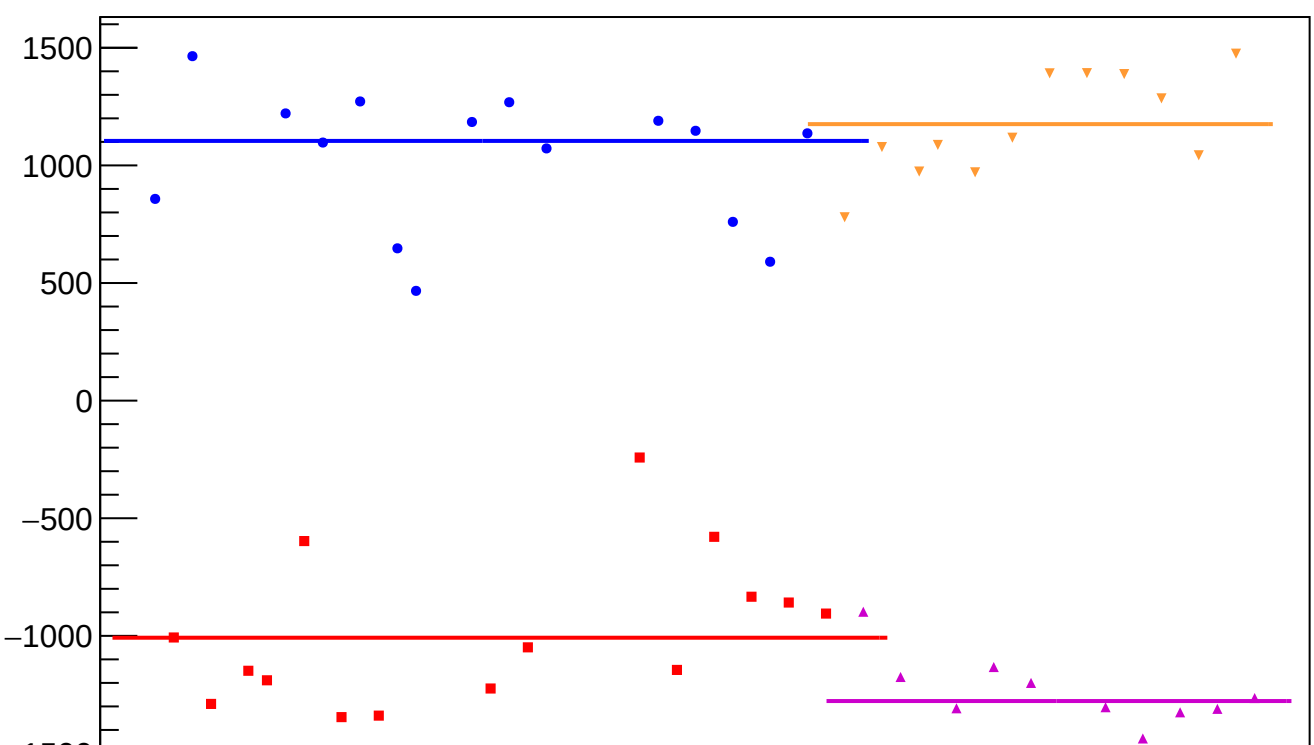
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

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

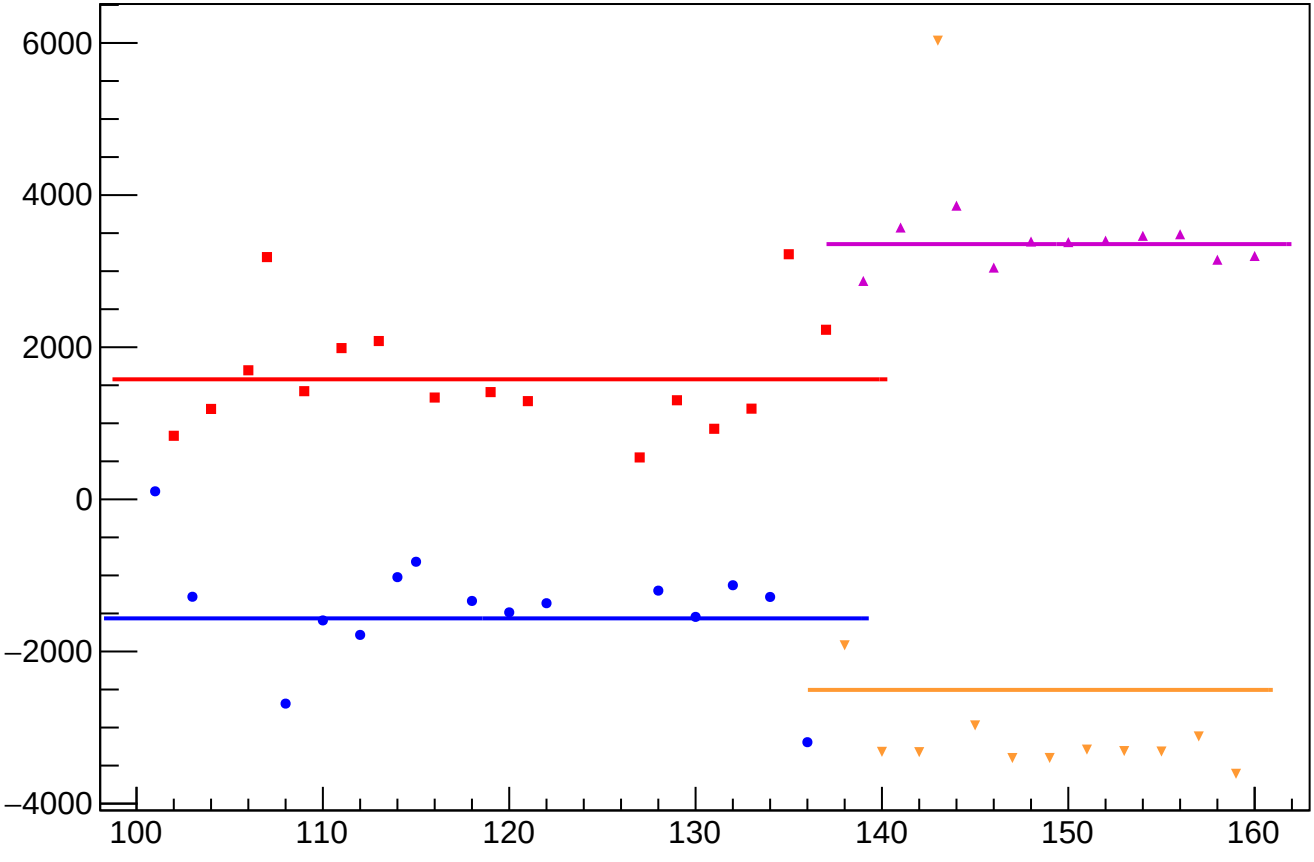
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

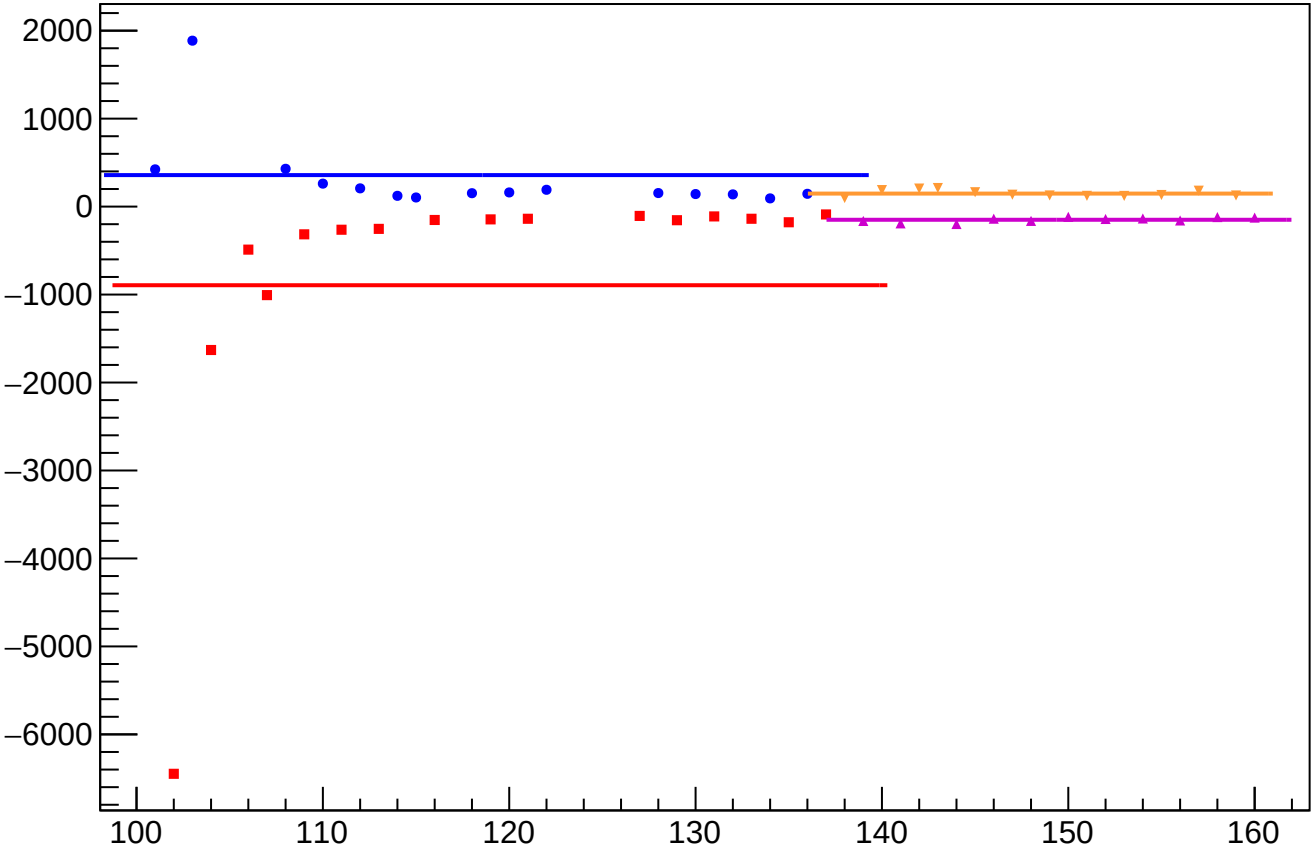
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atl1_coil3_mean vs Slug, Sign Corrected



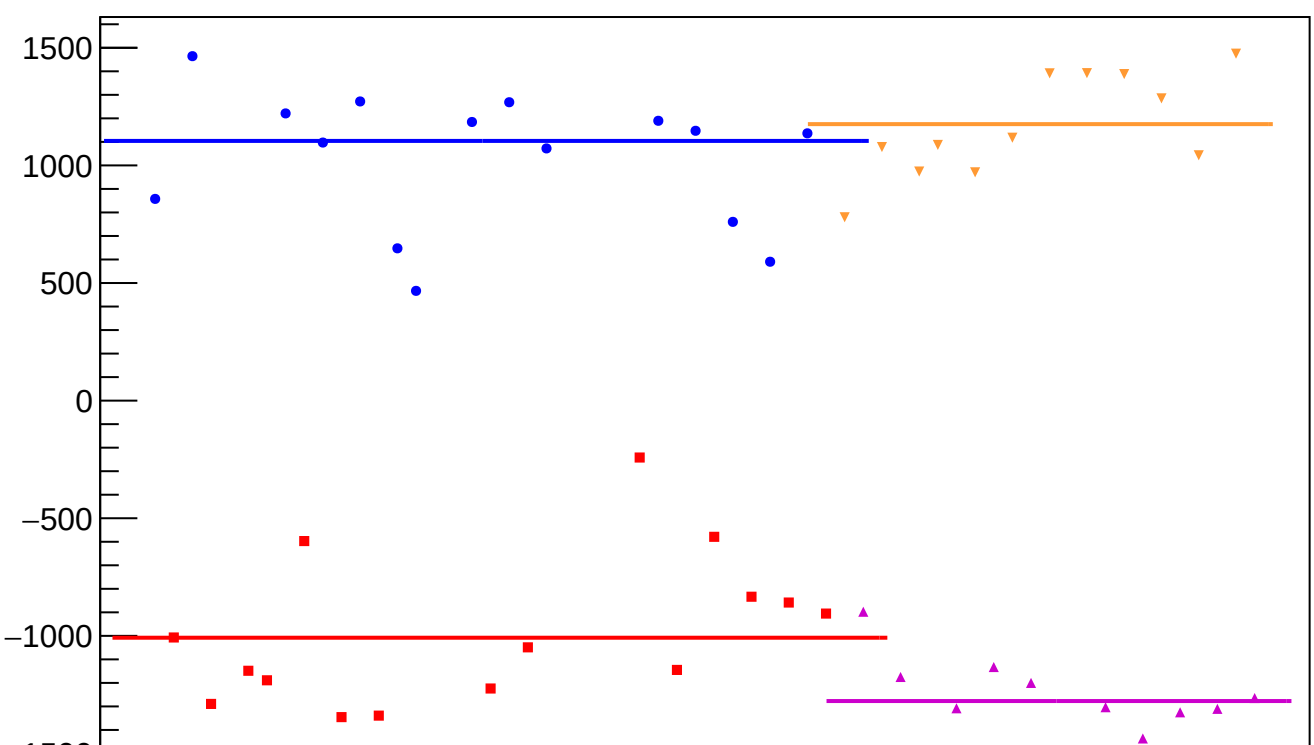
Left: 436.518+/-0.000 χ^2/NDF: 2129229946412922
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2504.960+/-0.000 χ^2/NDF:542249769761323021228329795240040228454 4.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 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

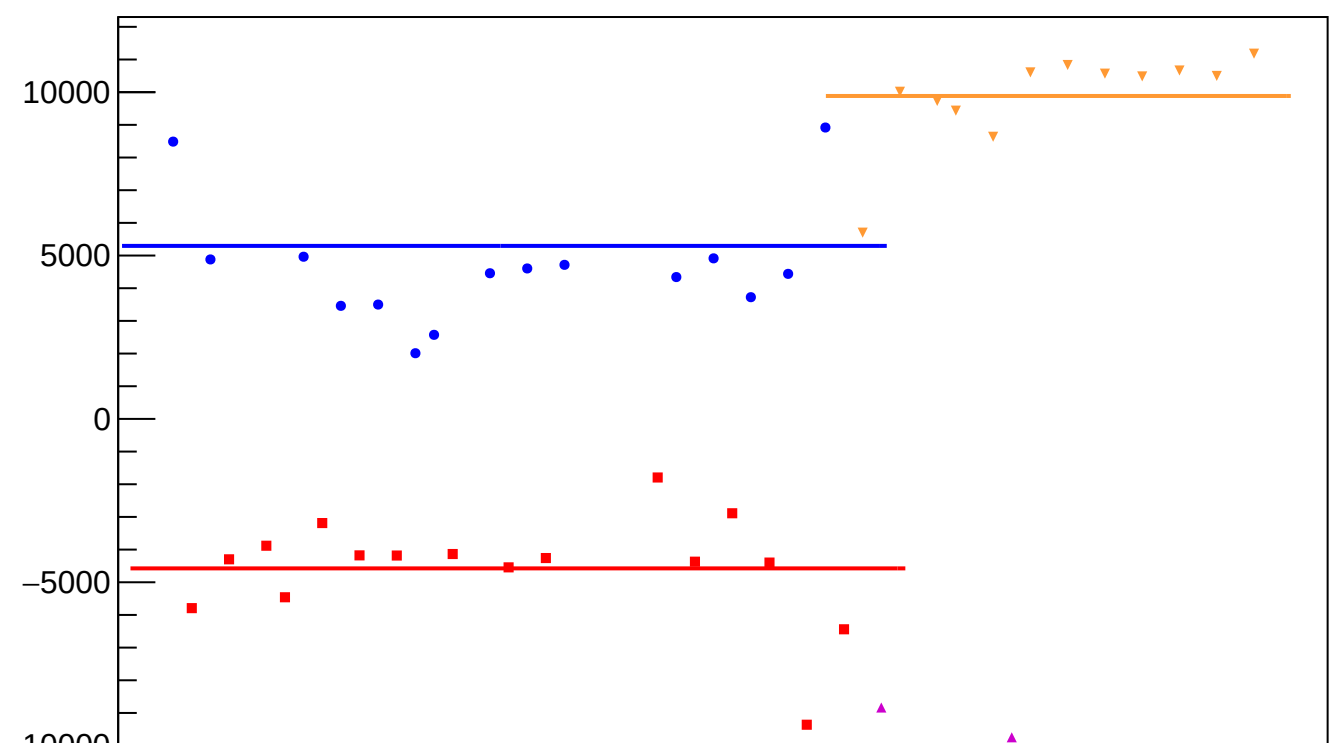
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

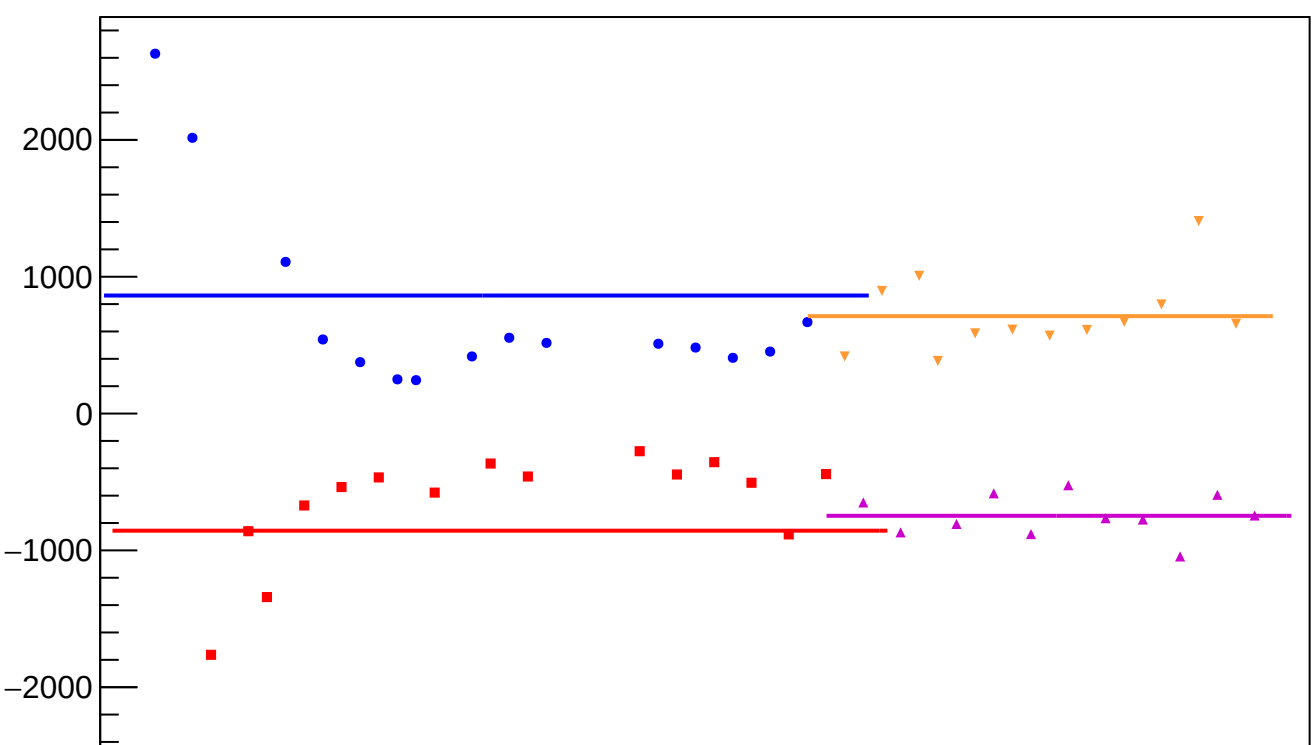
Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

Out: 3795.393+/-0.000 χ^2/NDF:844950893616626

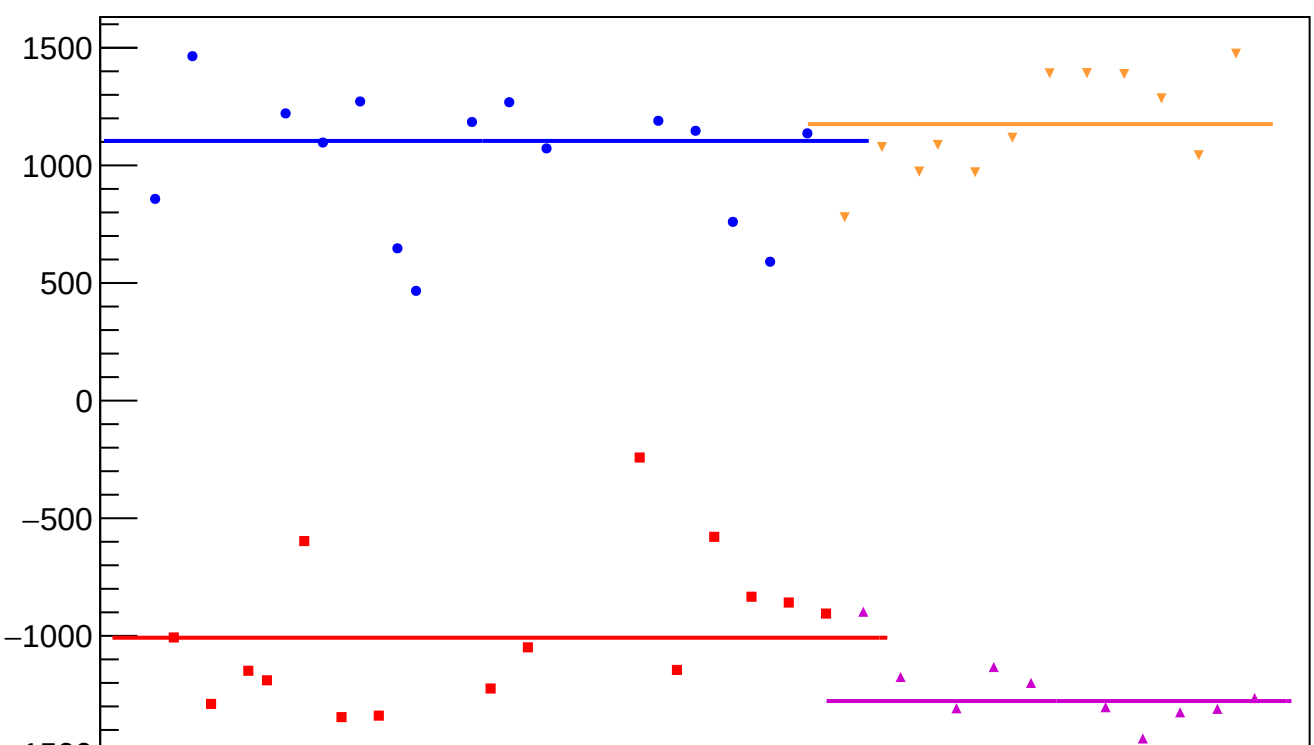
All: -107.783+/-0.000 χ^2/NDF: 23215590234

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

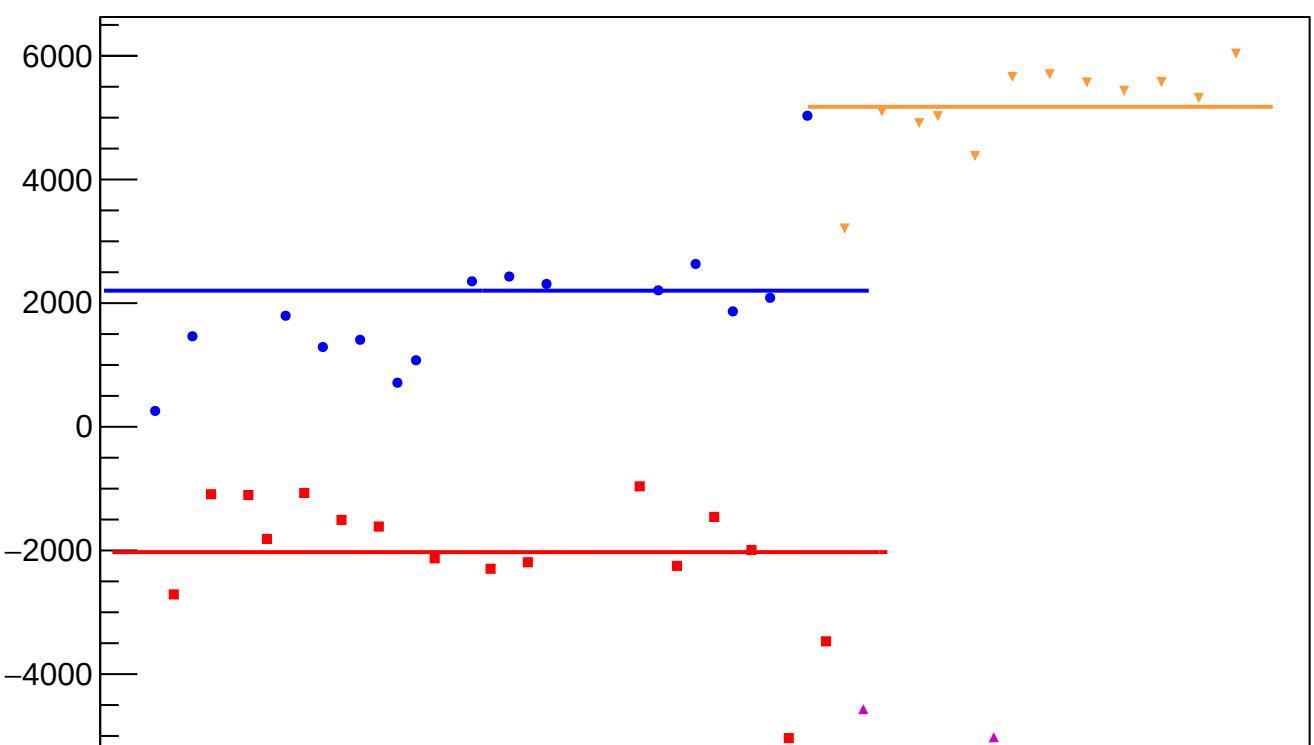
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

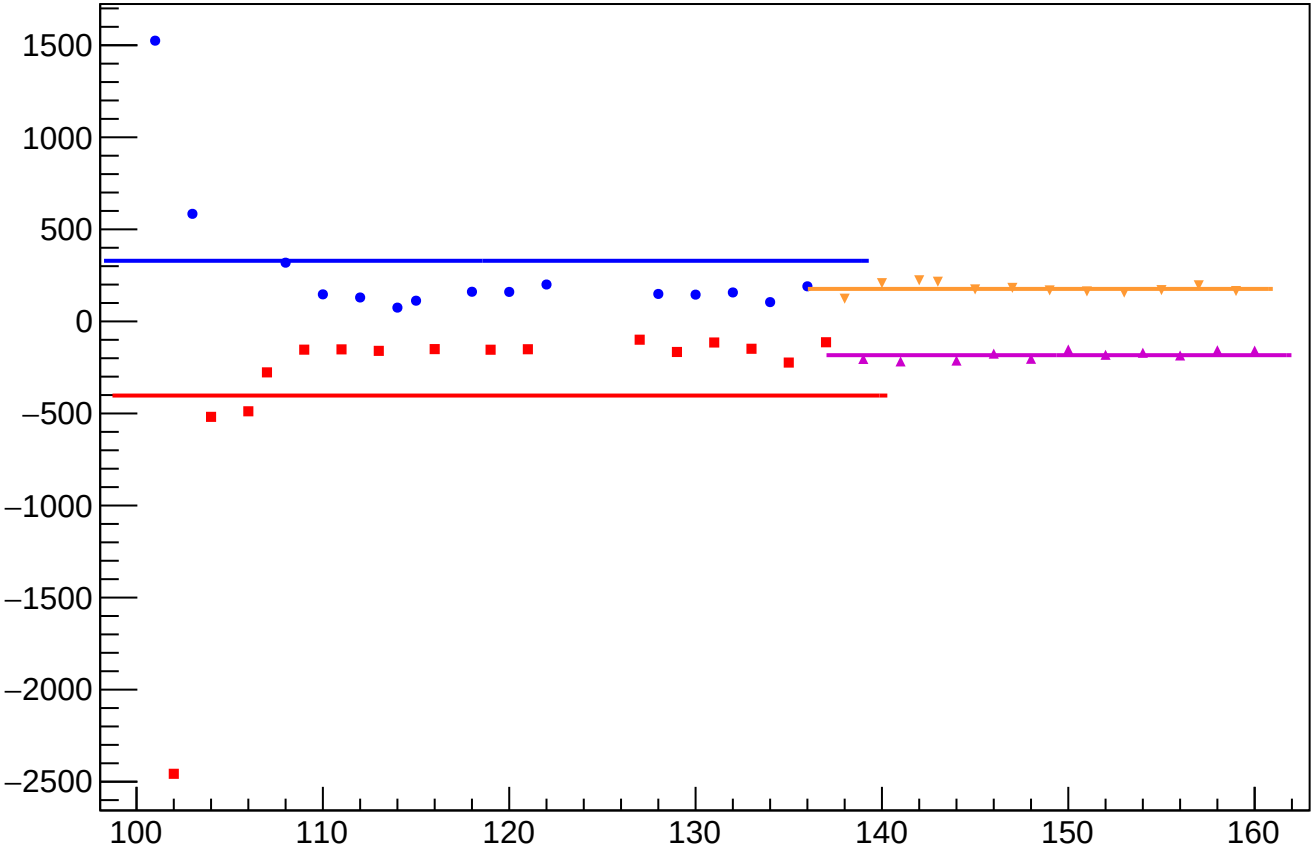
All: -18.318+/-0.000 χ^2/NDF: 441314646270

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

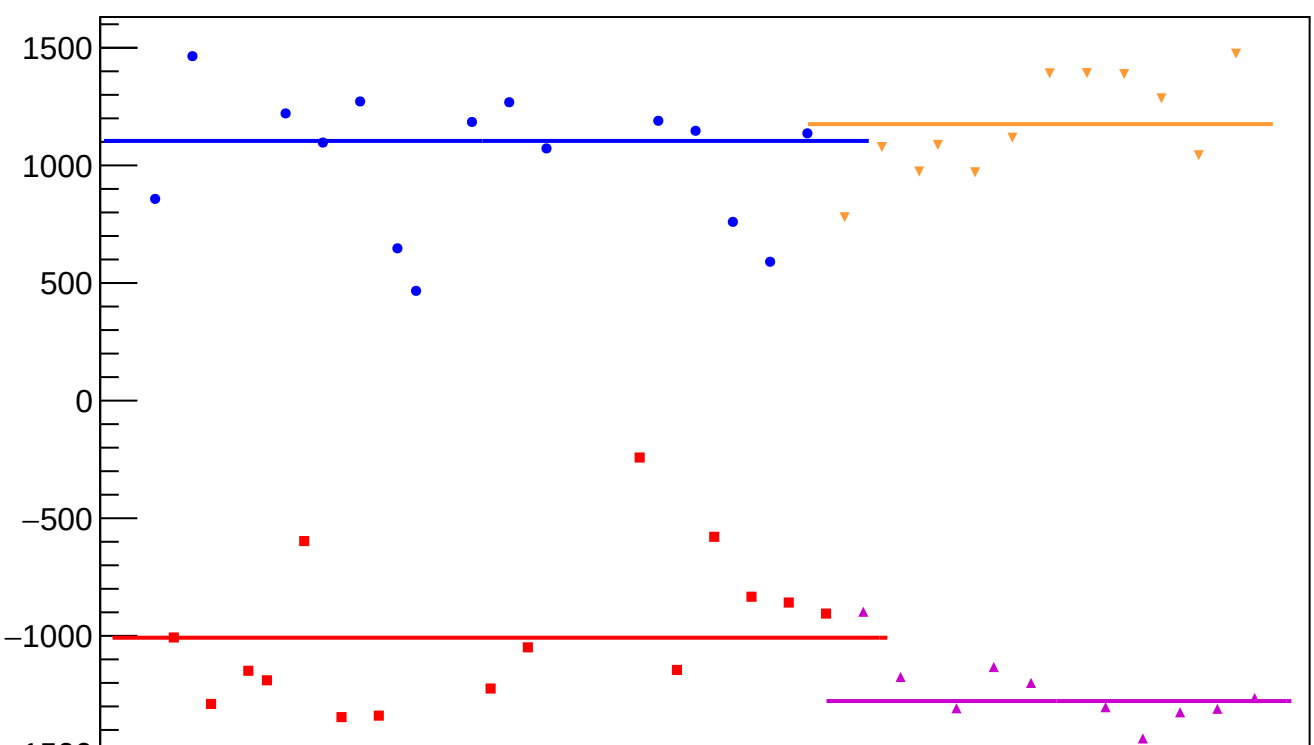
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

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

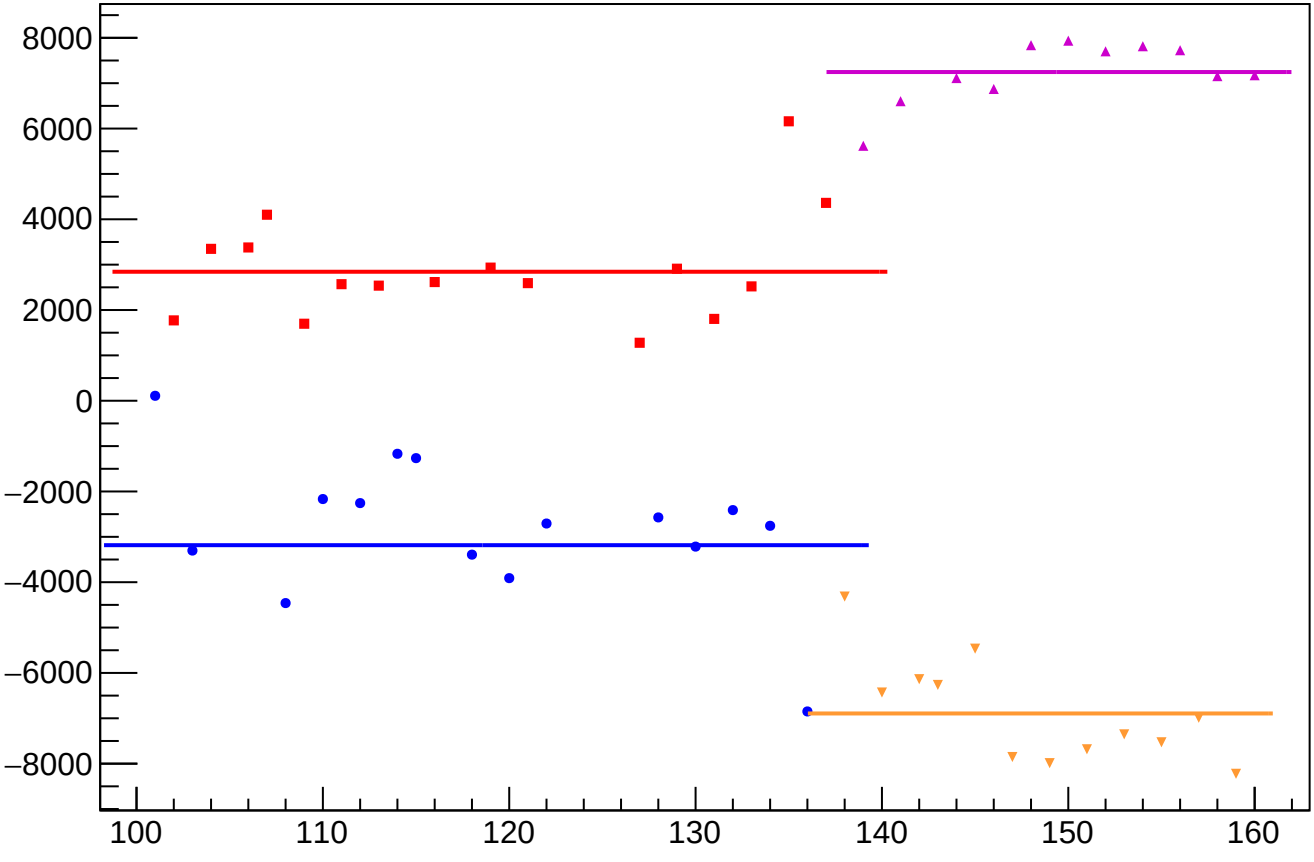
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

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

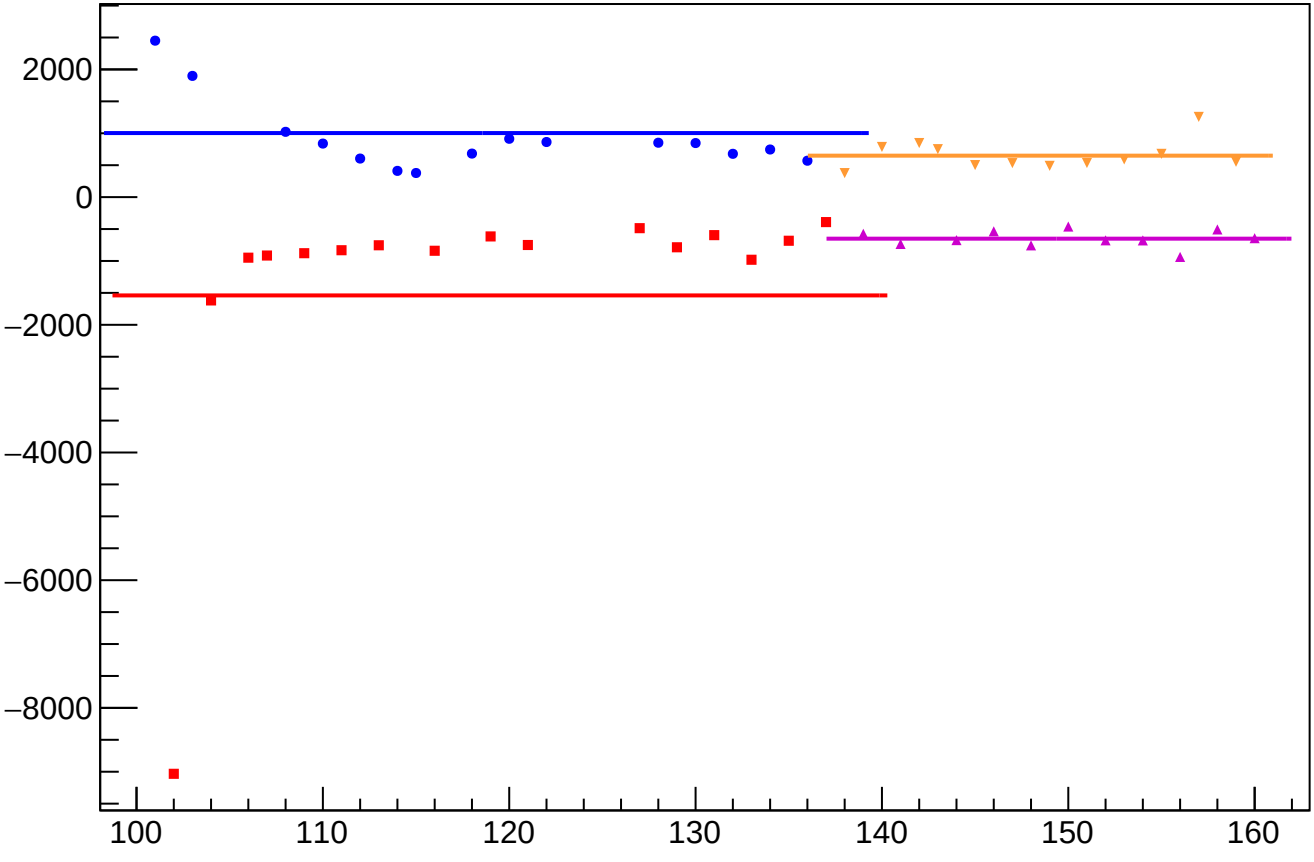
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

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

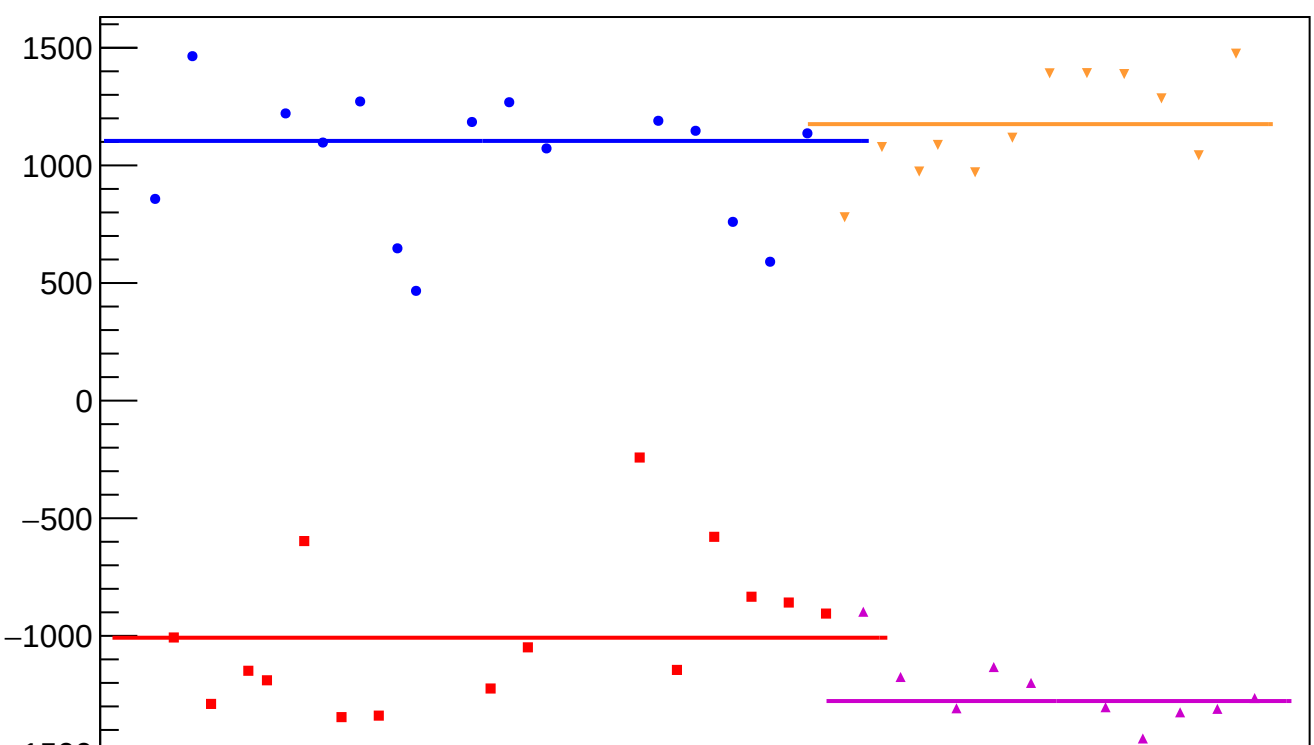
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

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

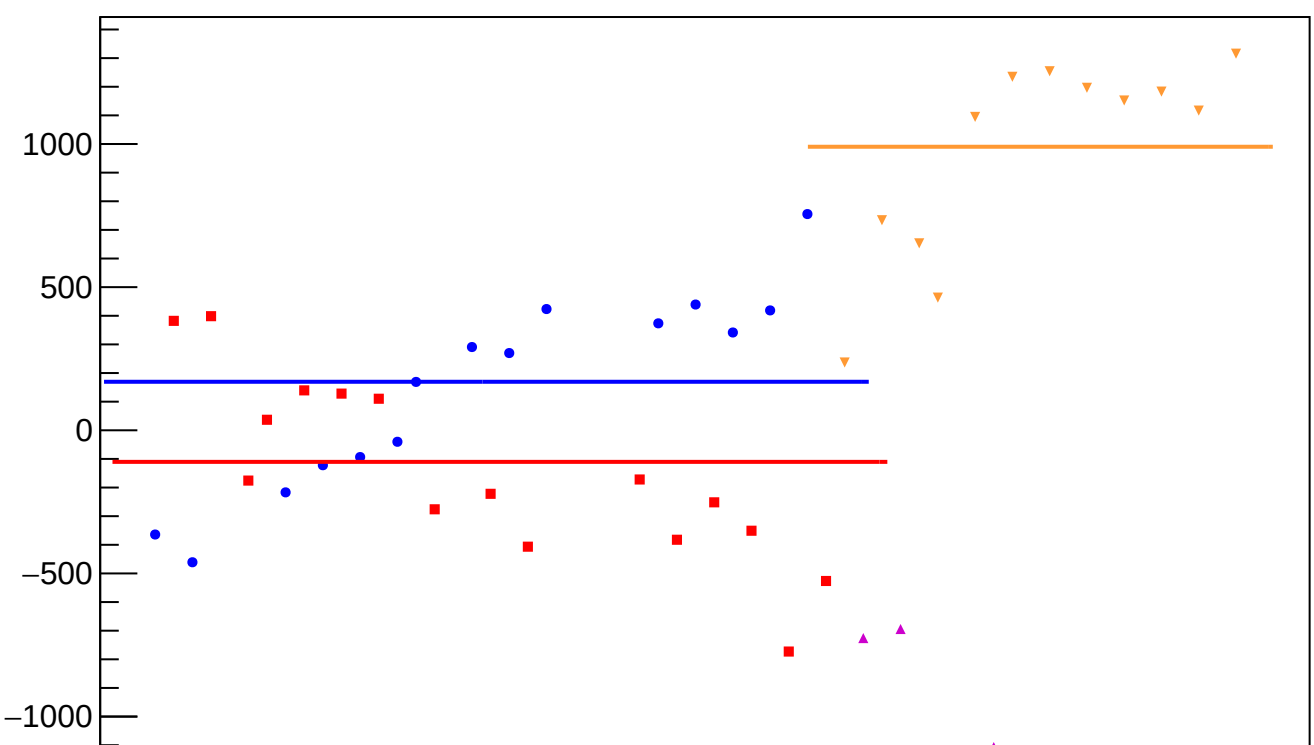
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

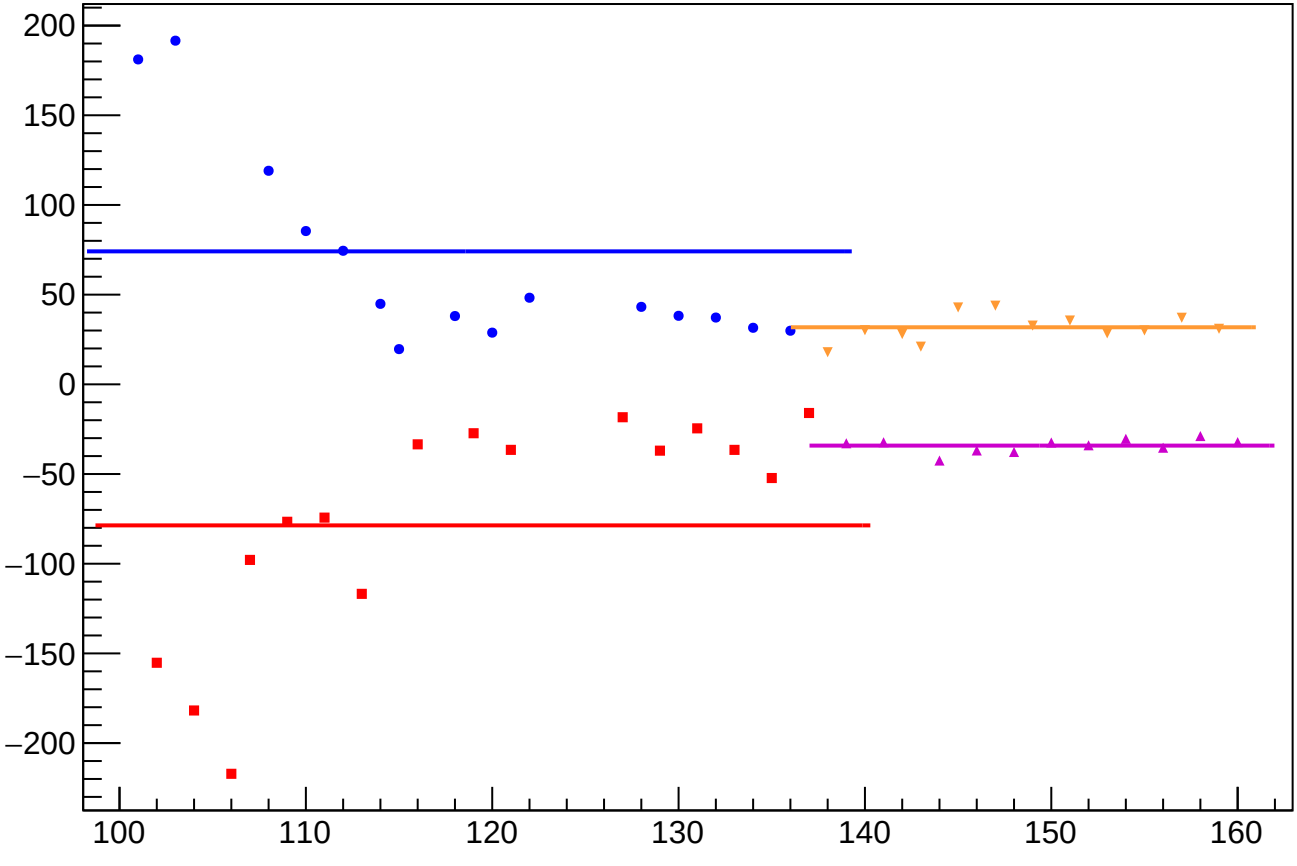
Right Out: -110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

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

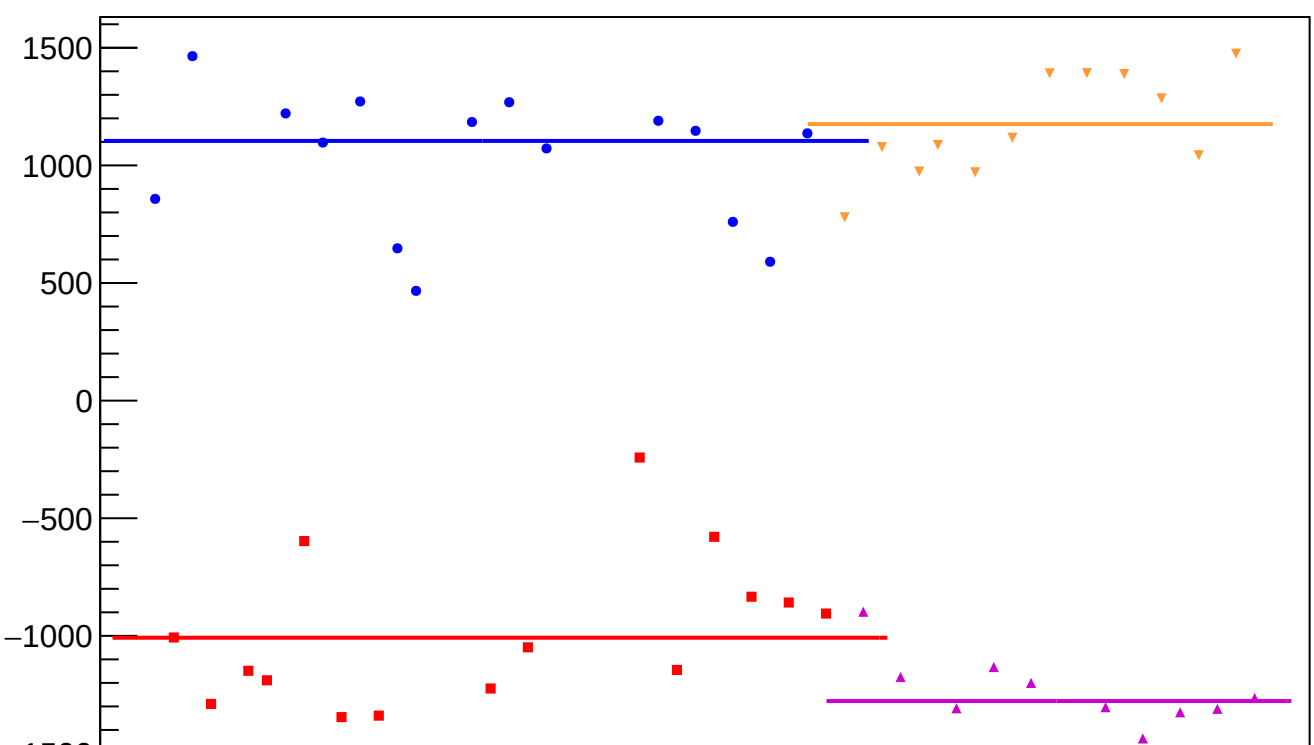
Right Out: -78.633+/-0.000 χ^2/NDF: 234323033687983063876767890353946624 0.0/15

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

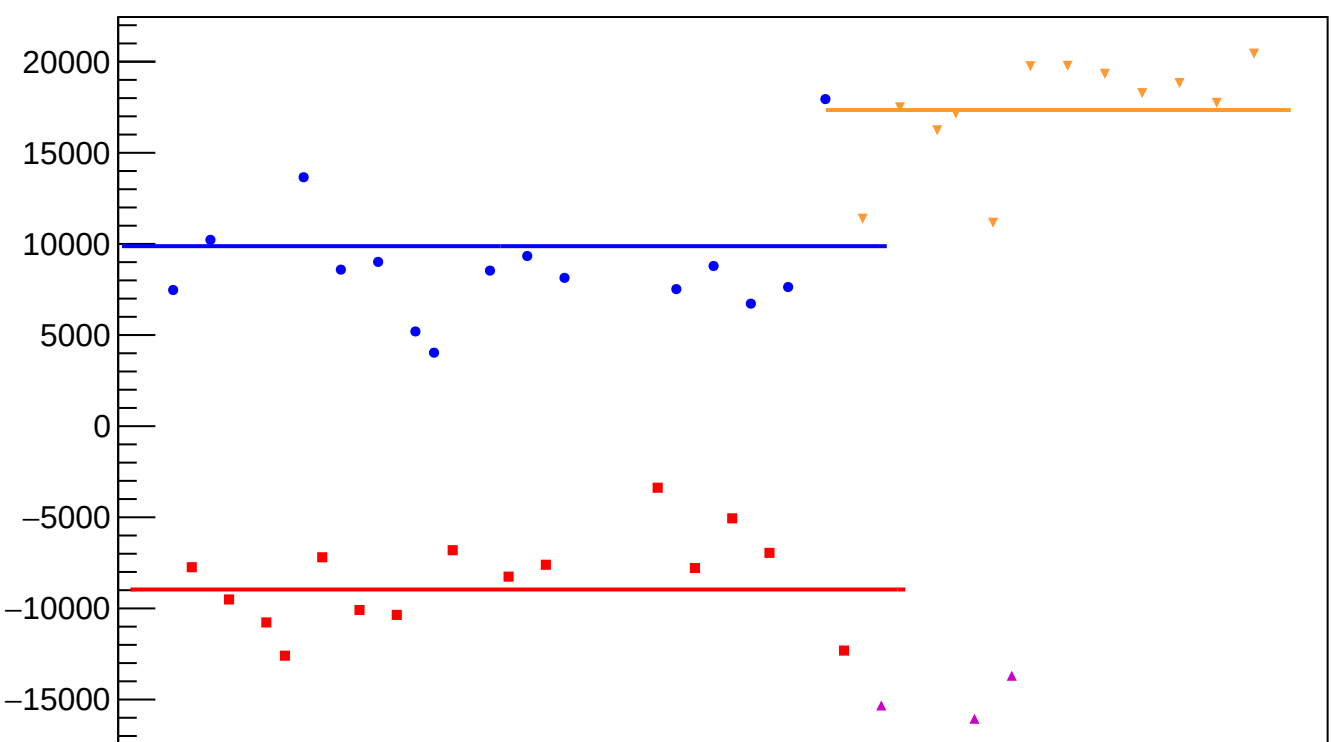
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

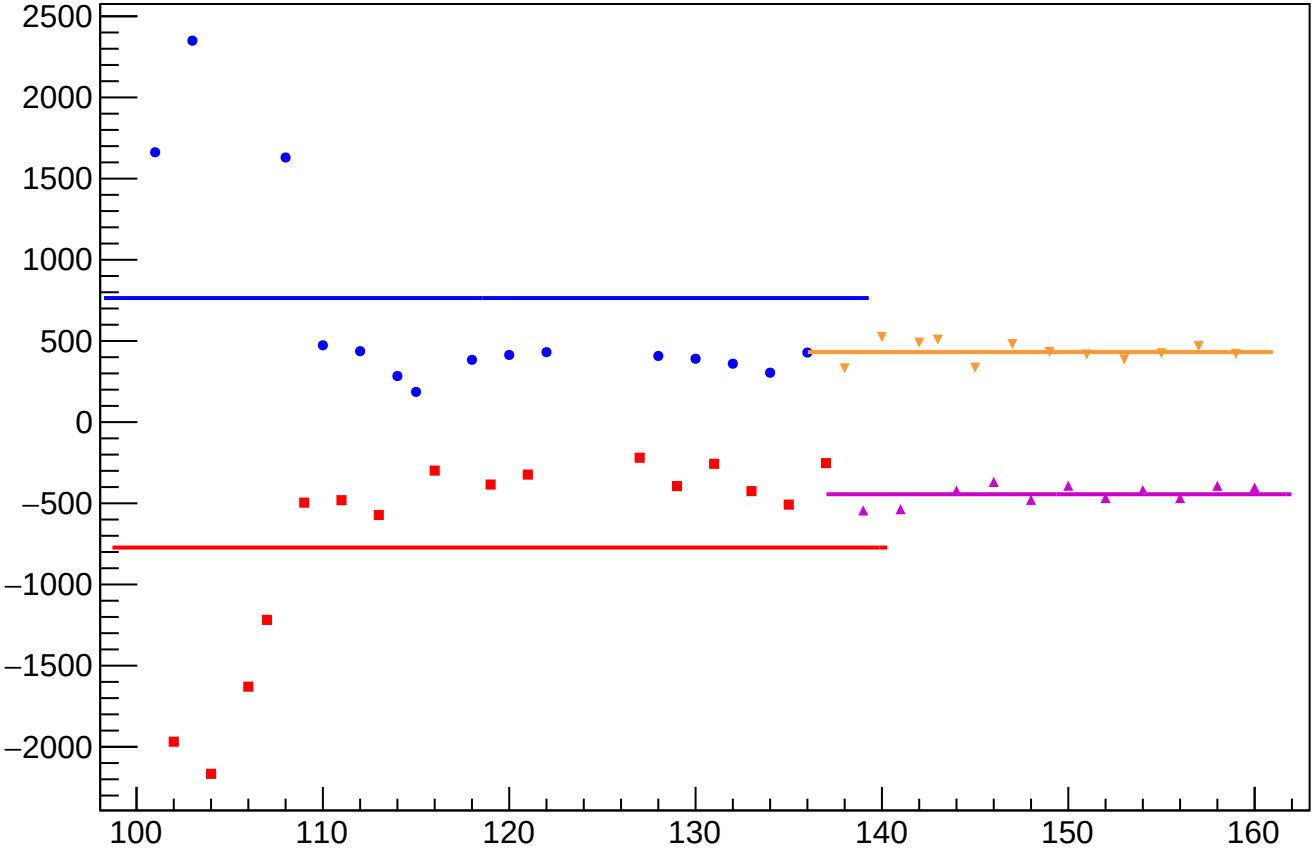
Right Out: -8961.593+/-0.000 χ^2/NDF: 75837286441464614273043208884083354501 12.0/15

Out: 6269.465+/-0.000 χ^2/NDF:283074559168666

Left In: -17962.529+/-0.000 χ^2/NDF:35646982911428111330433446882613175255 04.0/10

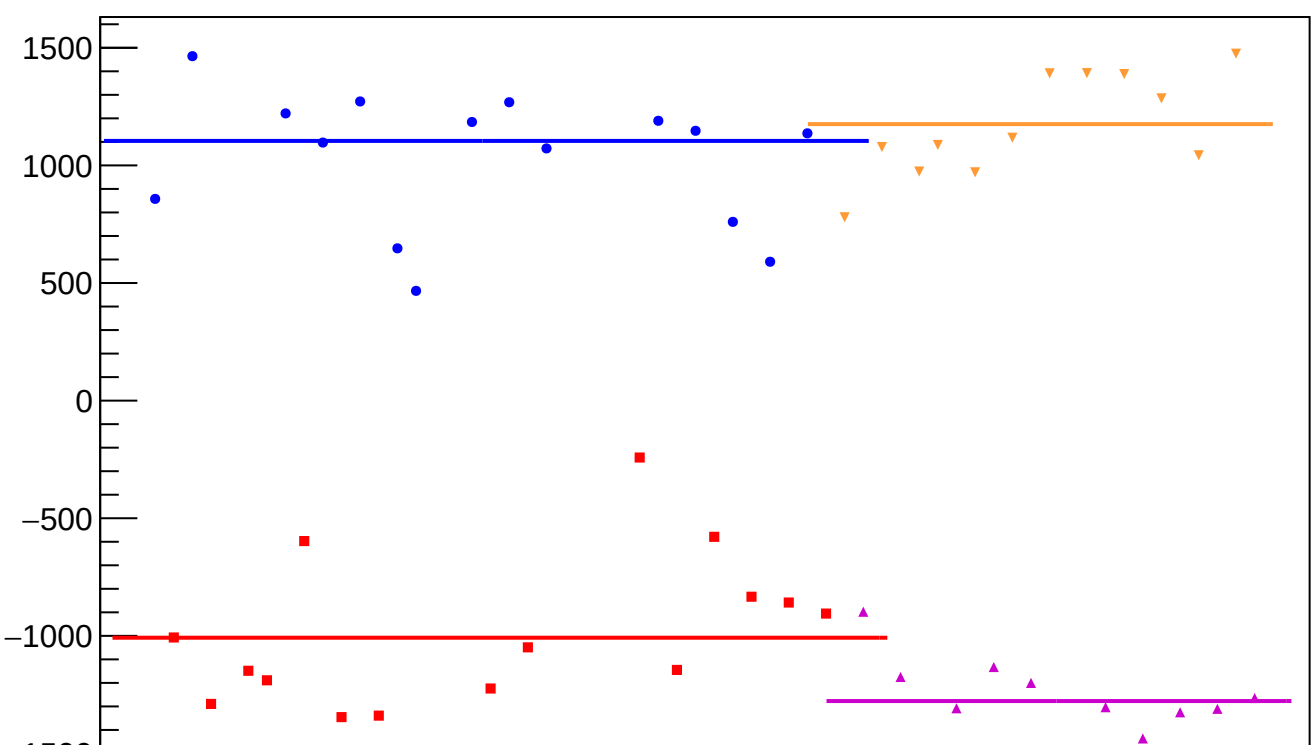
All: -81.304+/-0.000 χ^2/NDF: 718800894609

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

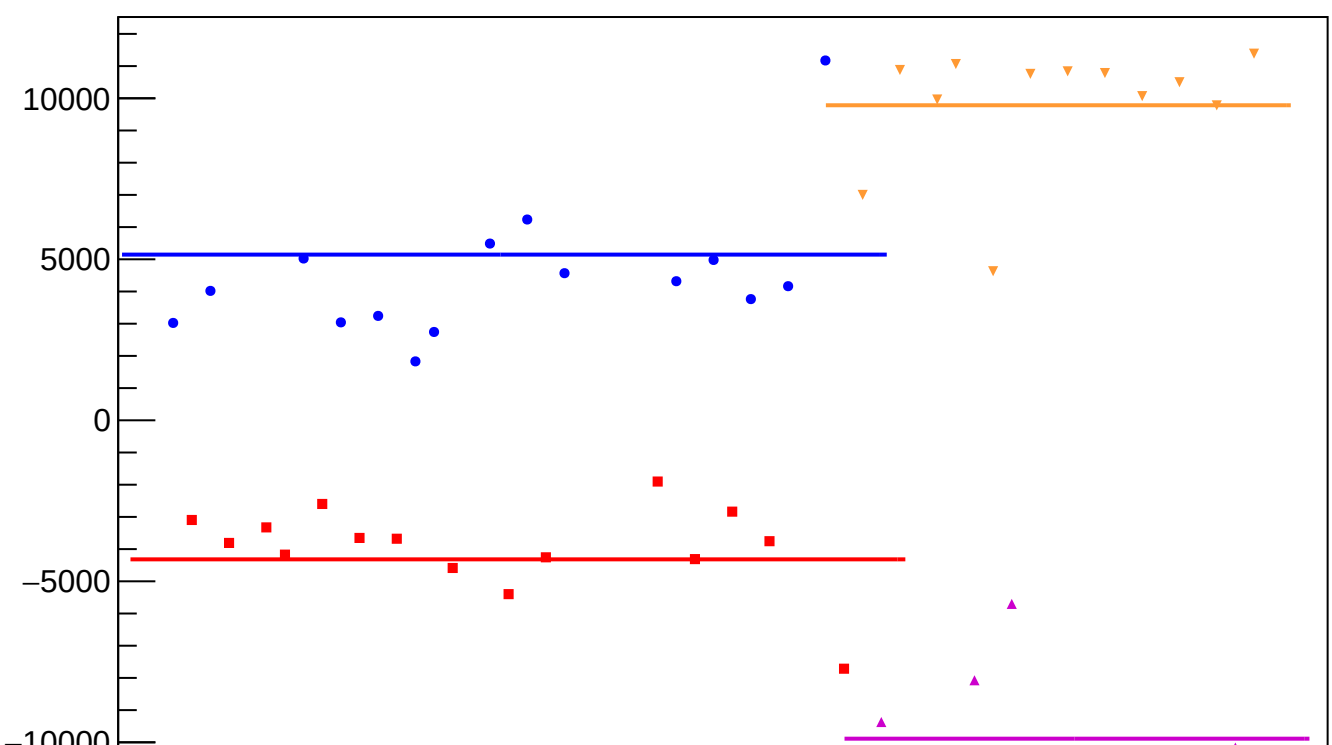
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

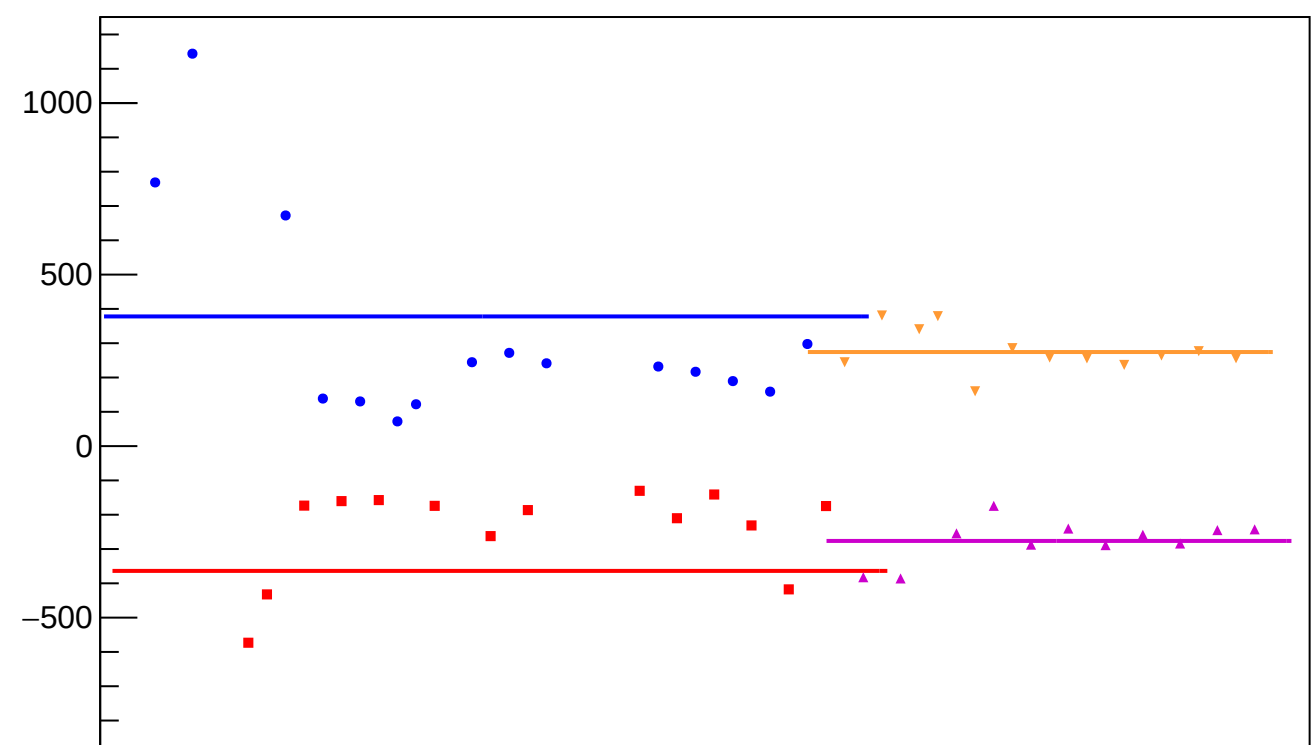
Right Out: -4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

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

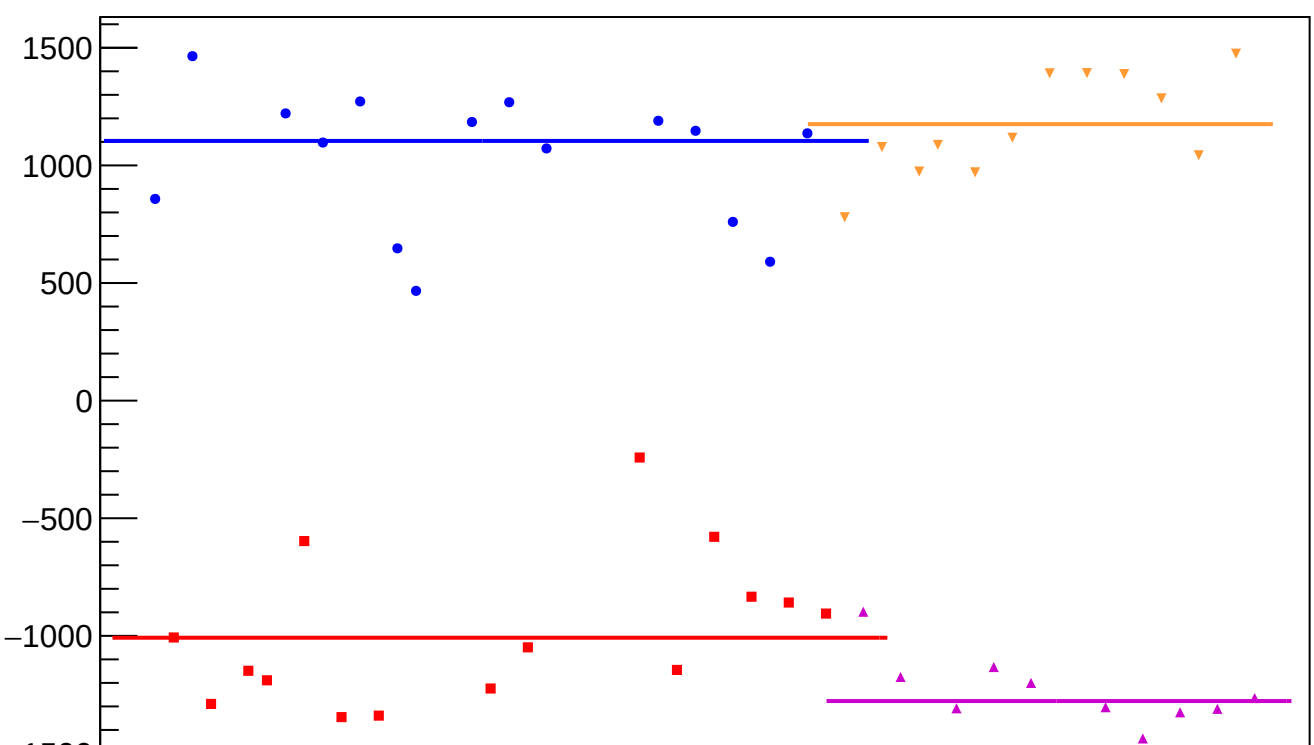
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

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

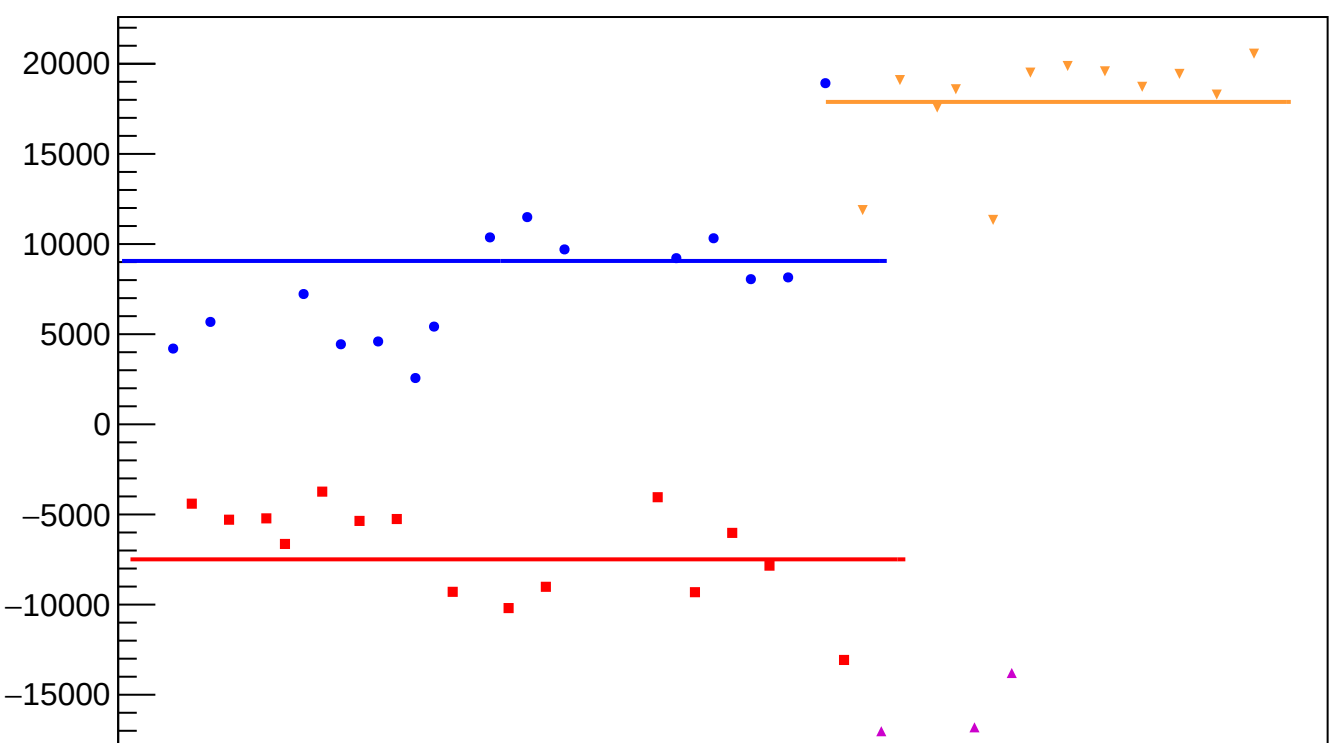
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

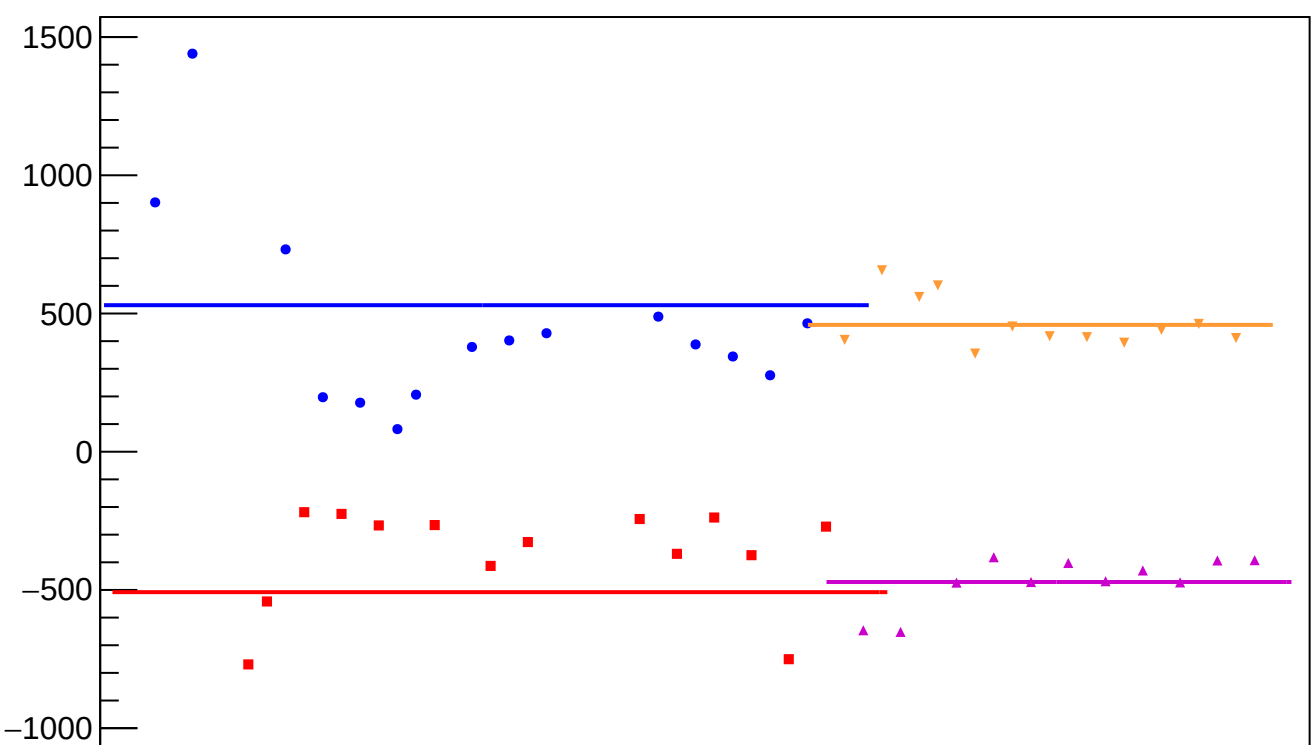
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam4_coil3_mean vs Slug, Sign Corrected



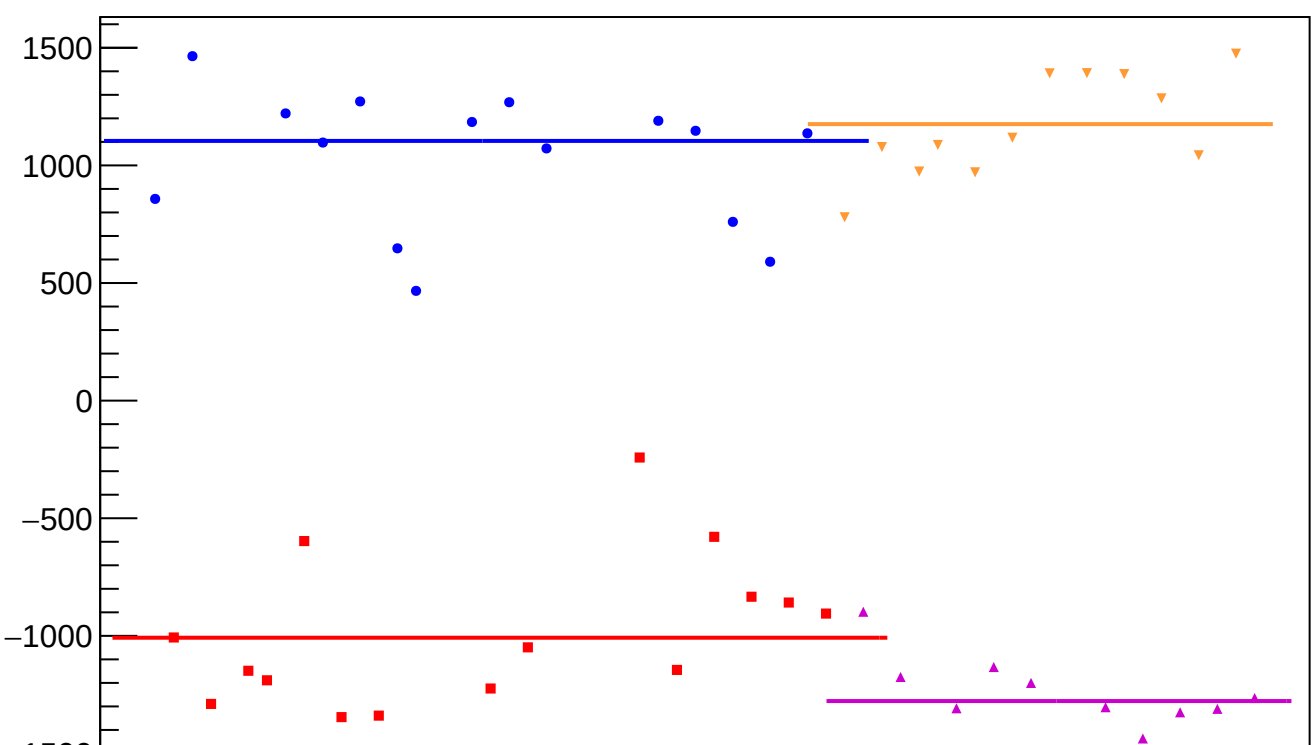
Left: -414.338+/-0.000 χ^2/NDF: 623213570824530
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17884.828+/-0.000 χ^2/NDF:8035777278860305028144675580255817170944.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
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

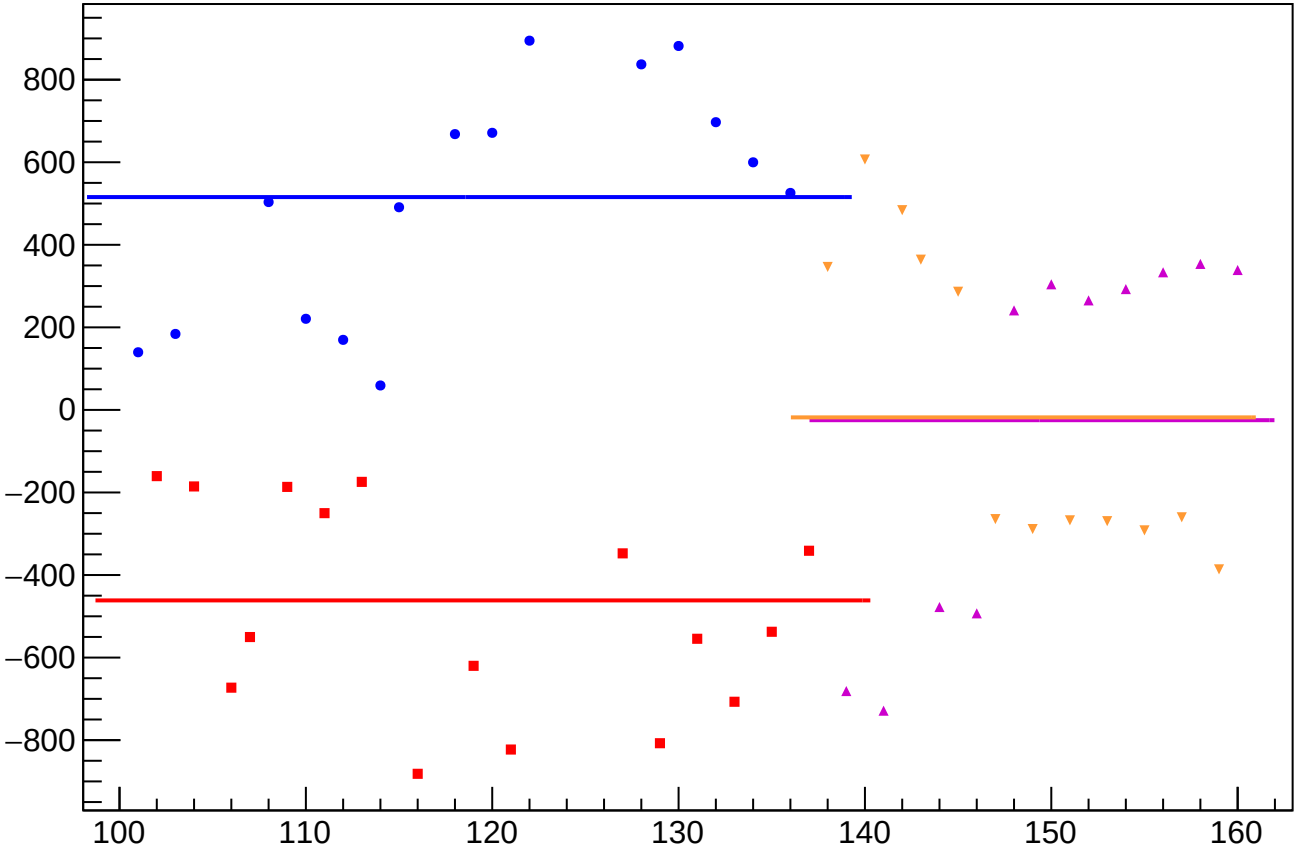
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

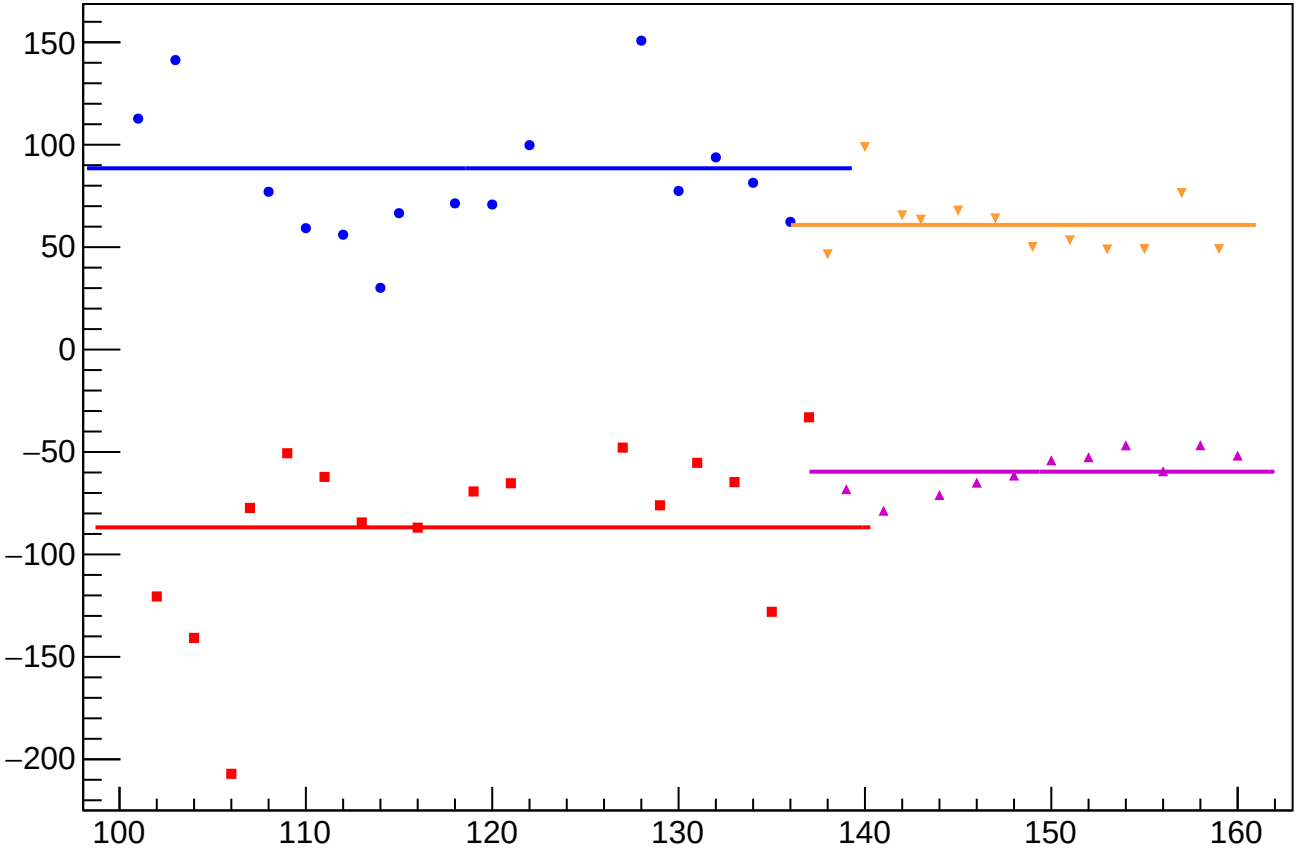
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam5_coil3_mean vs Slug, Sign Corrected



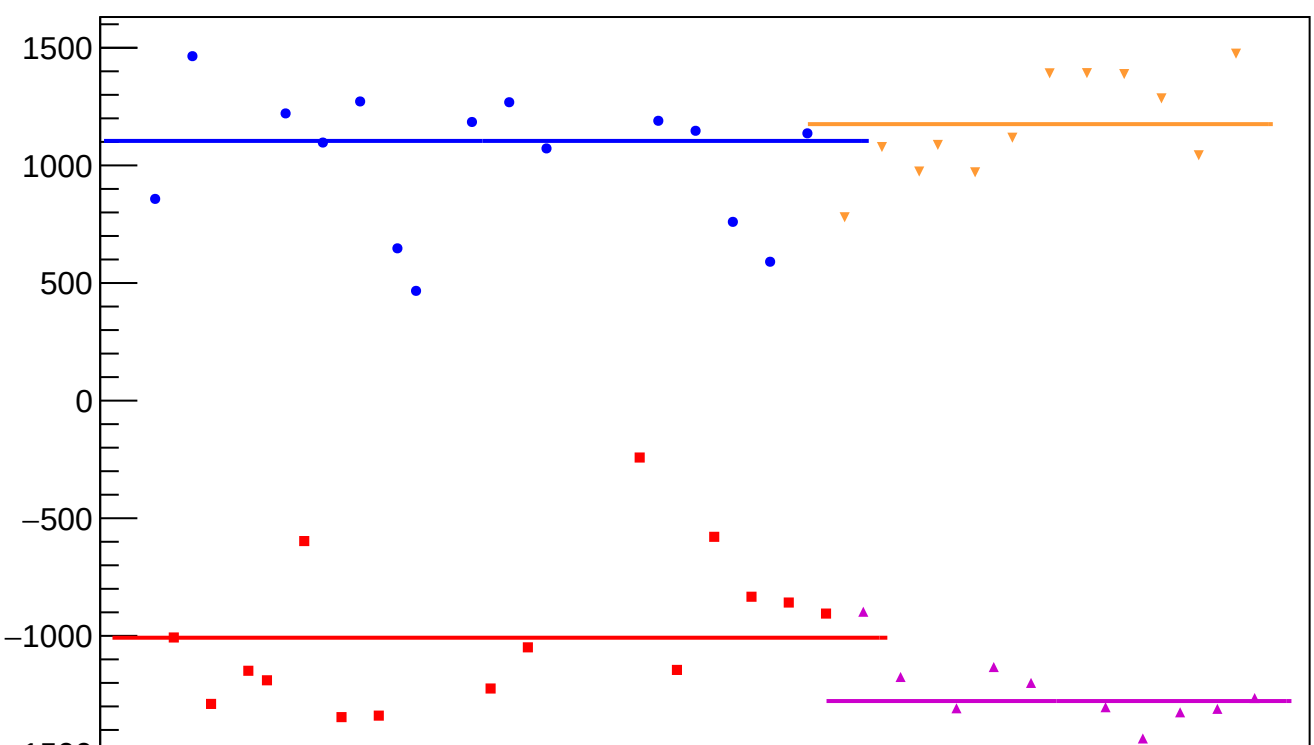
Left: -21.505+/-0.000 χ^2/NDF: 2909516961812704
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.086+/-0.000 χ^2/NDF:113760261442063078265103594368341639168.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right 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

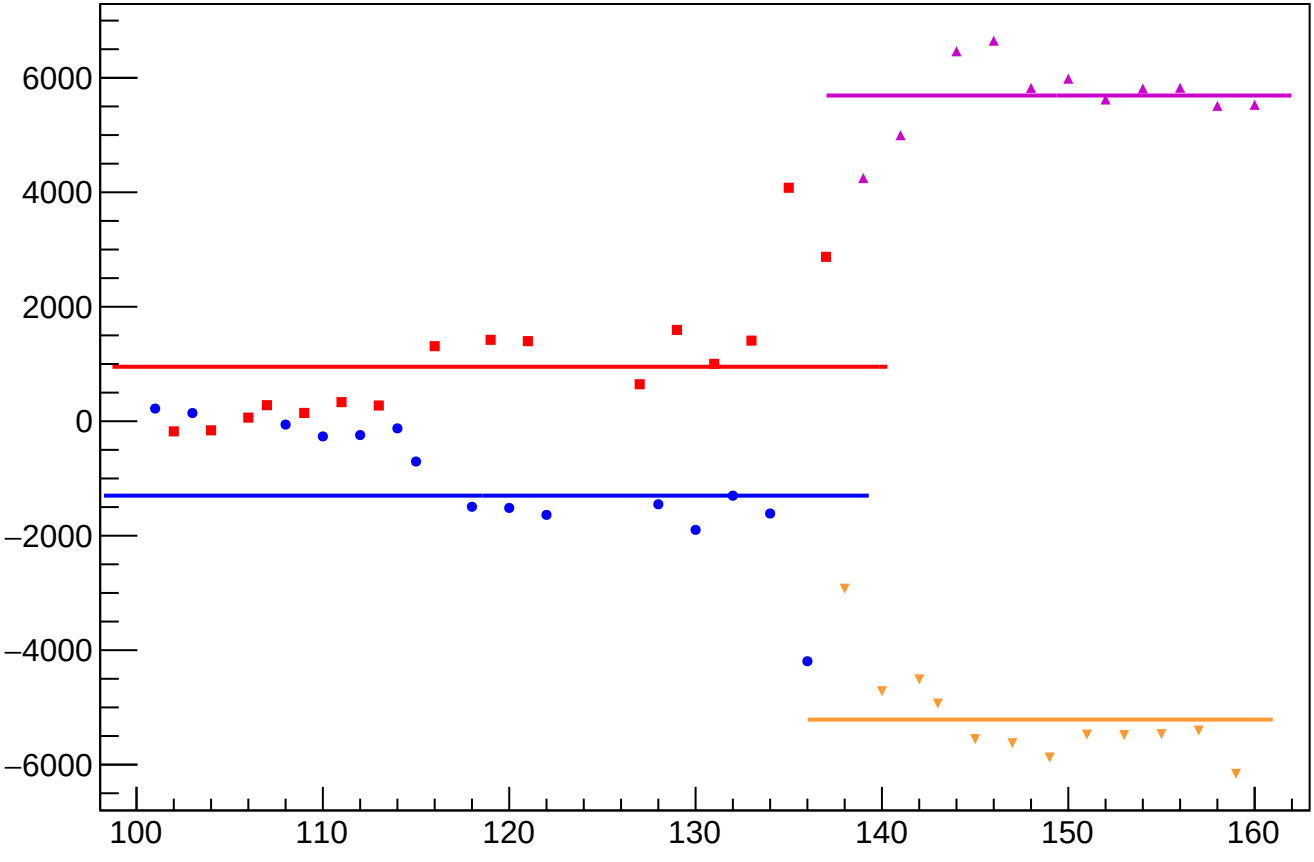
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

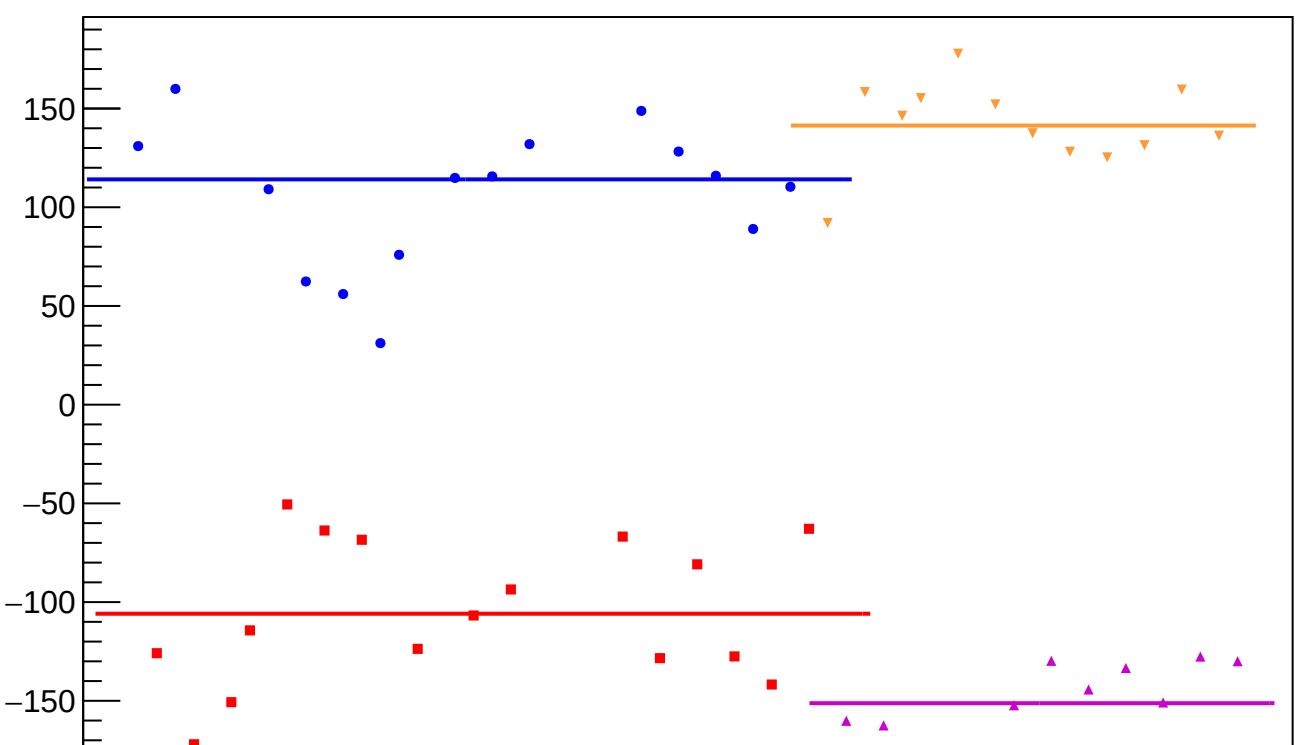
All: -18.318+/-0.000 χ^2/NDF: 441314646270

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

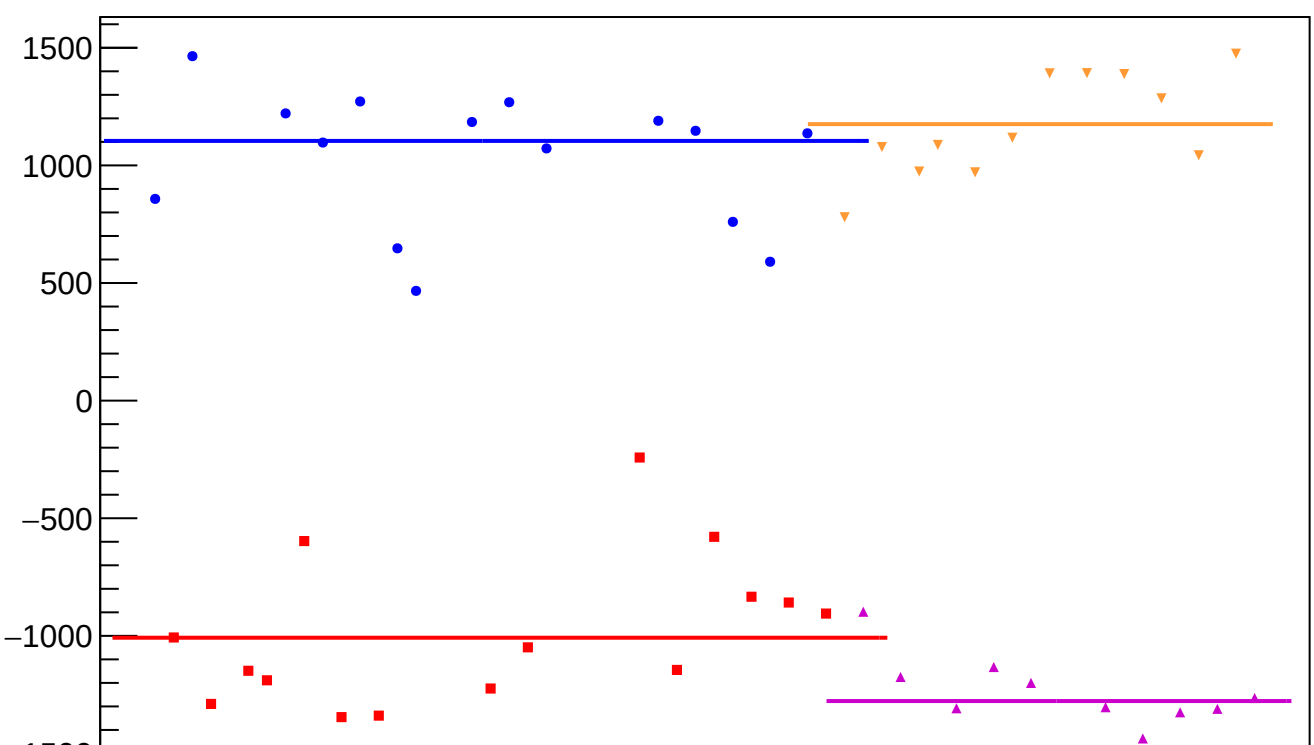
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

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

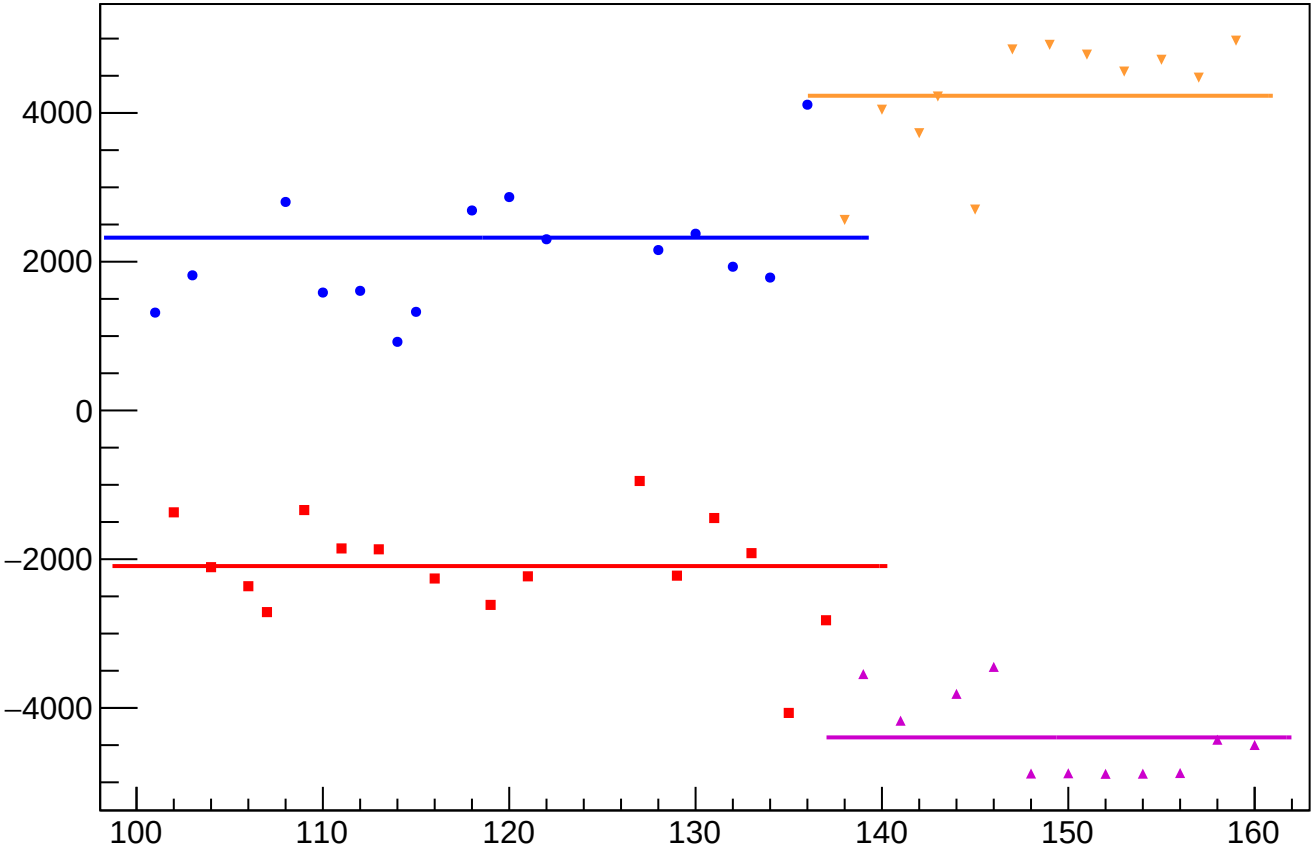
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

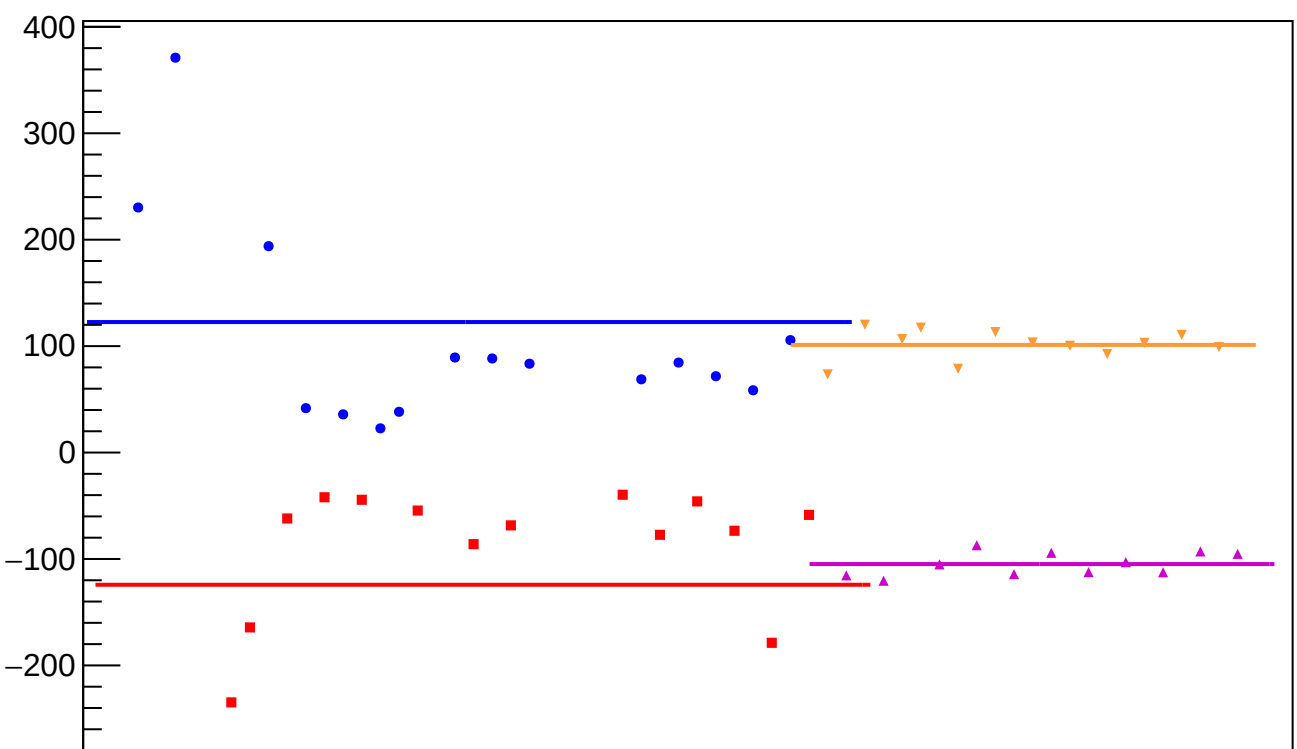
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

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

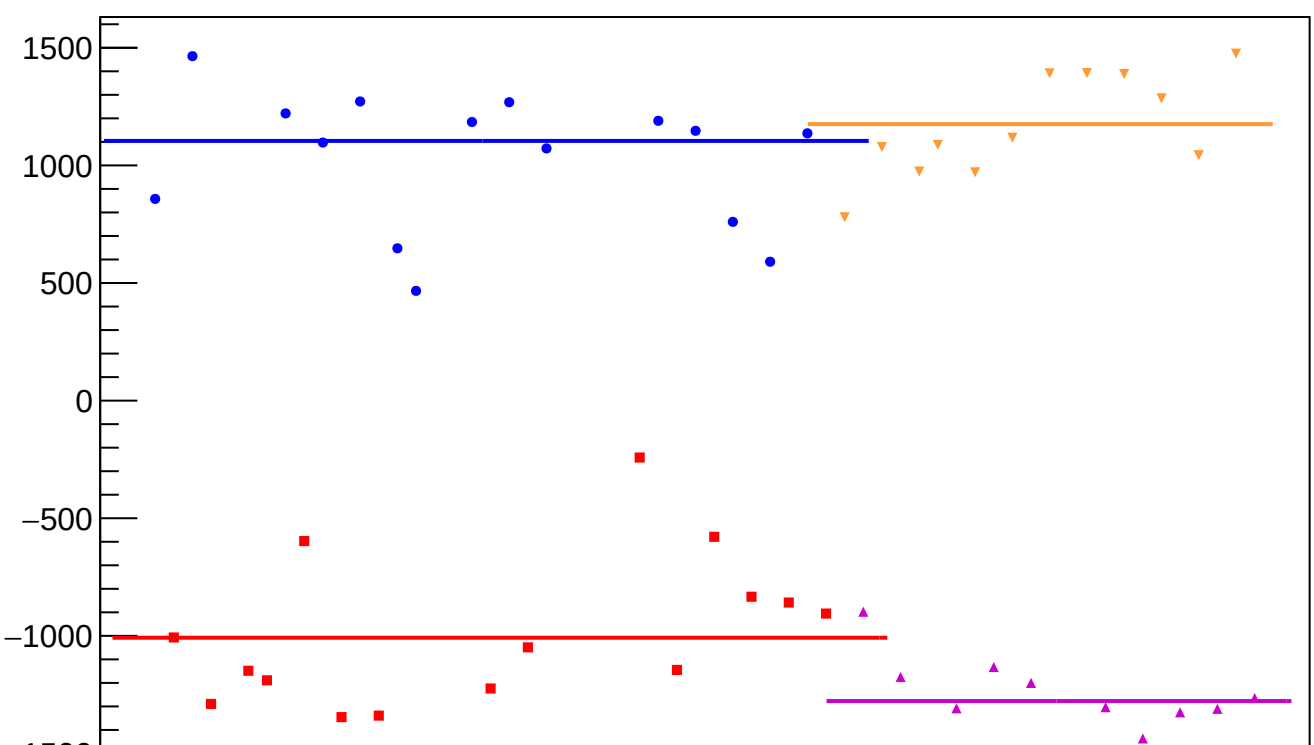
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

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

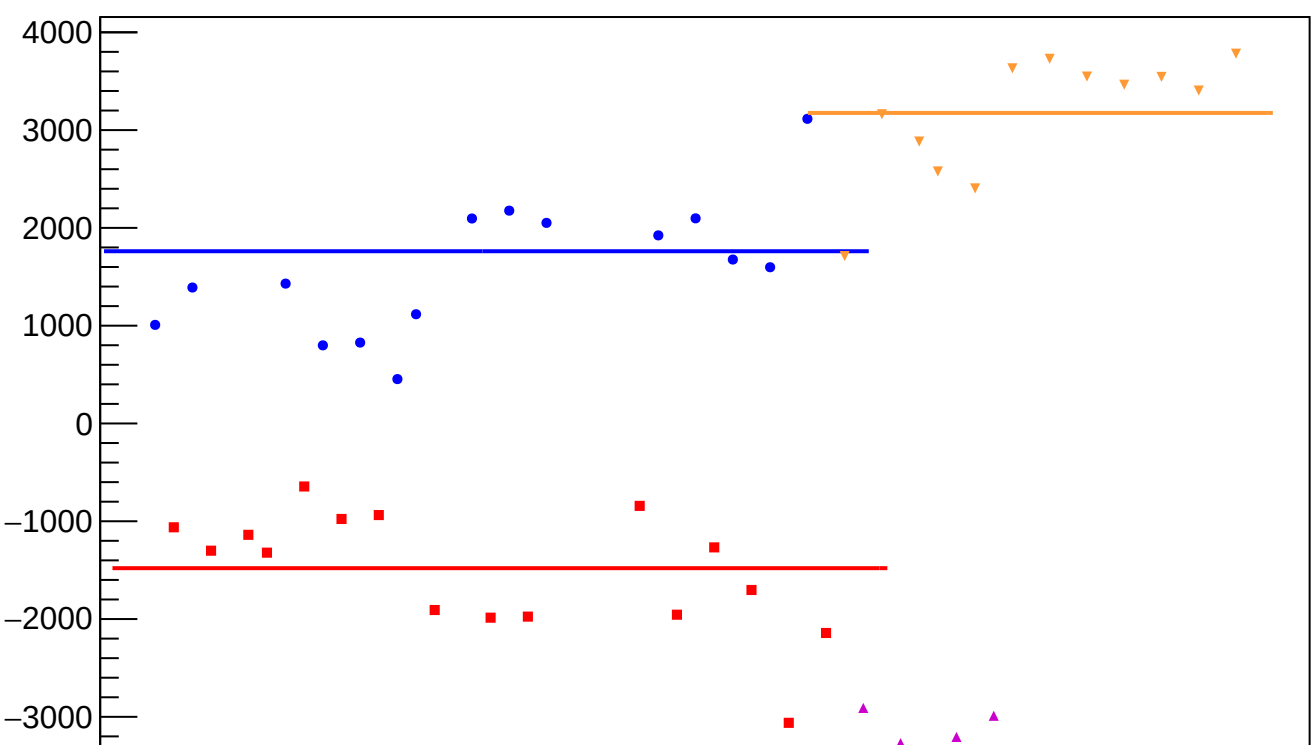
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

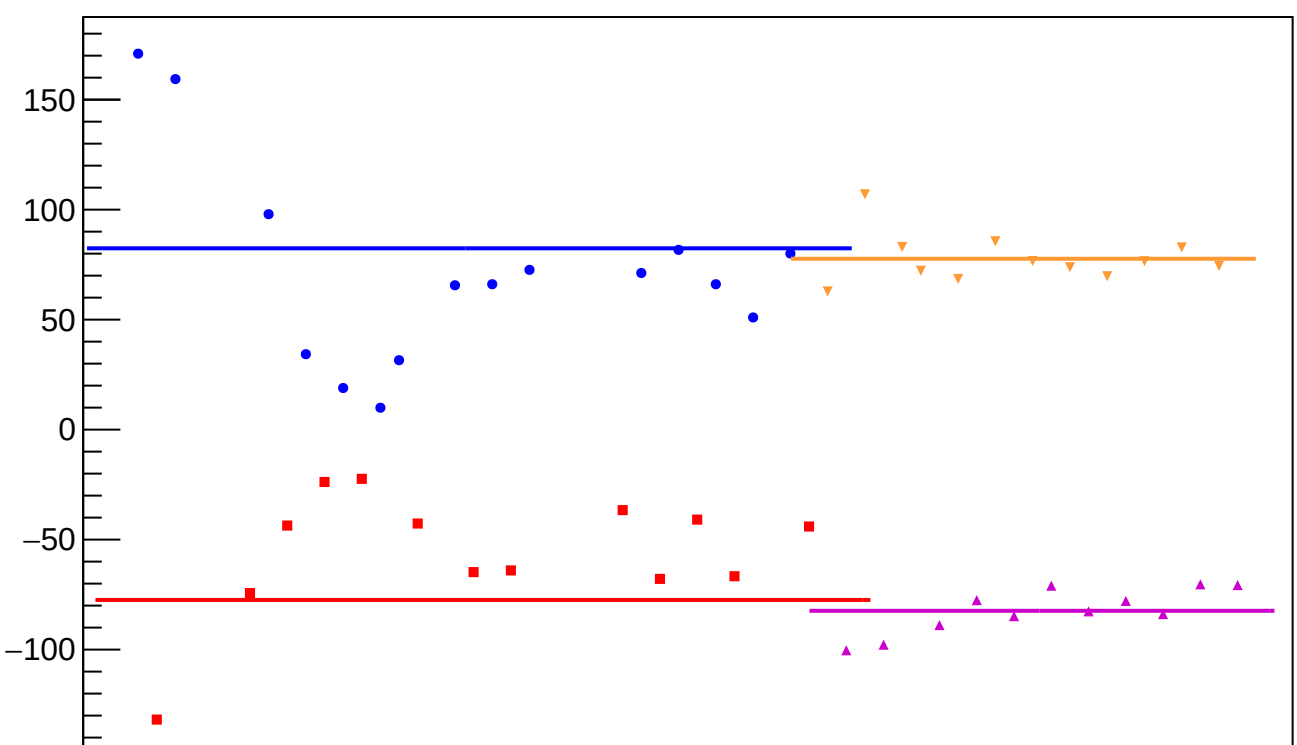
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

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

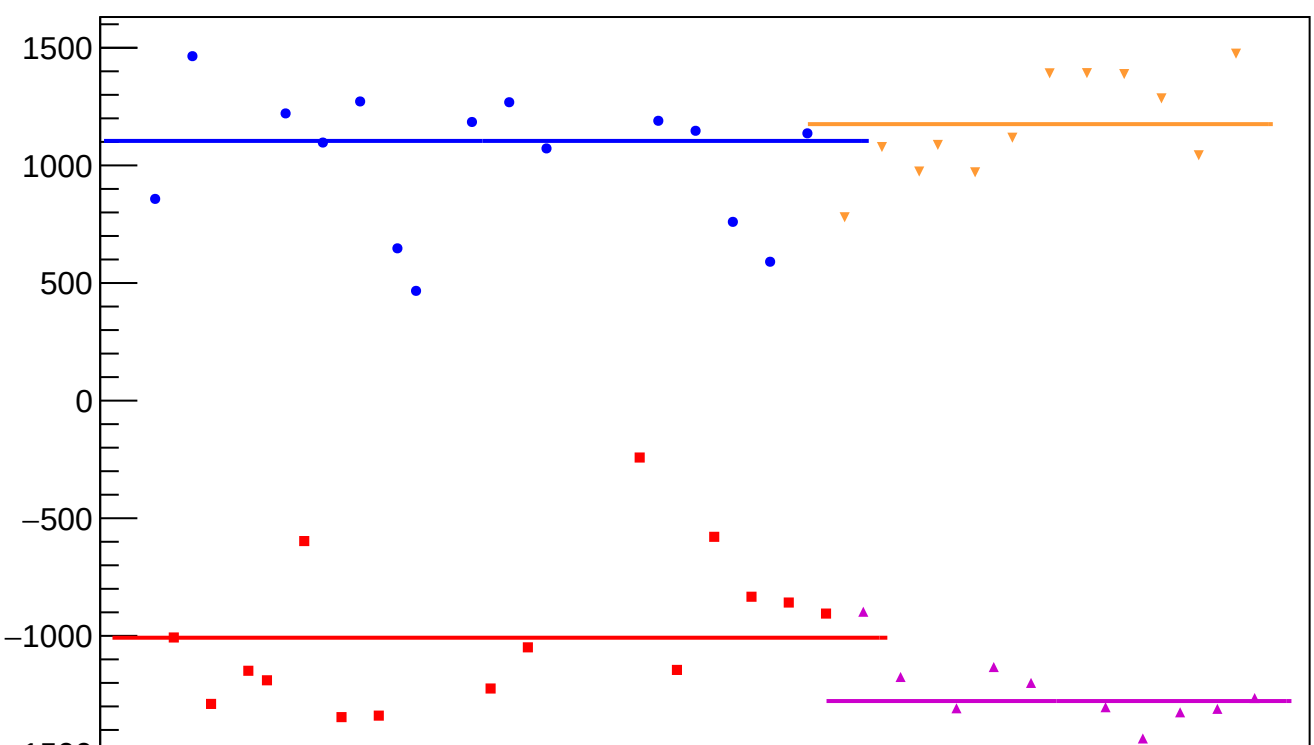
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

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

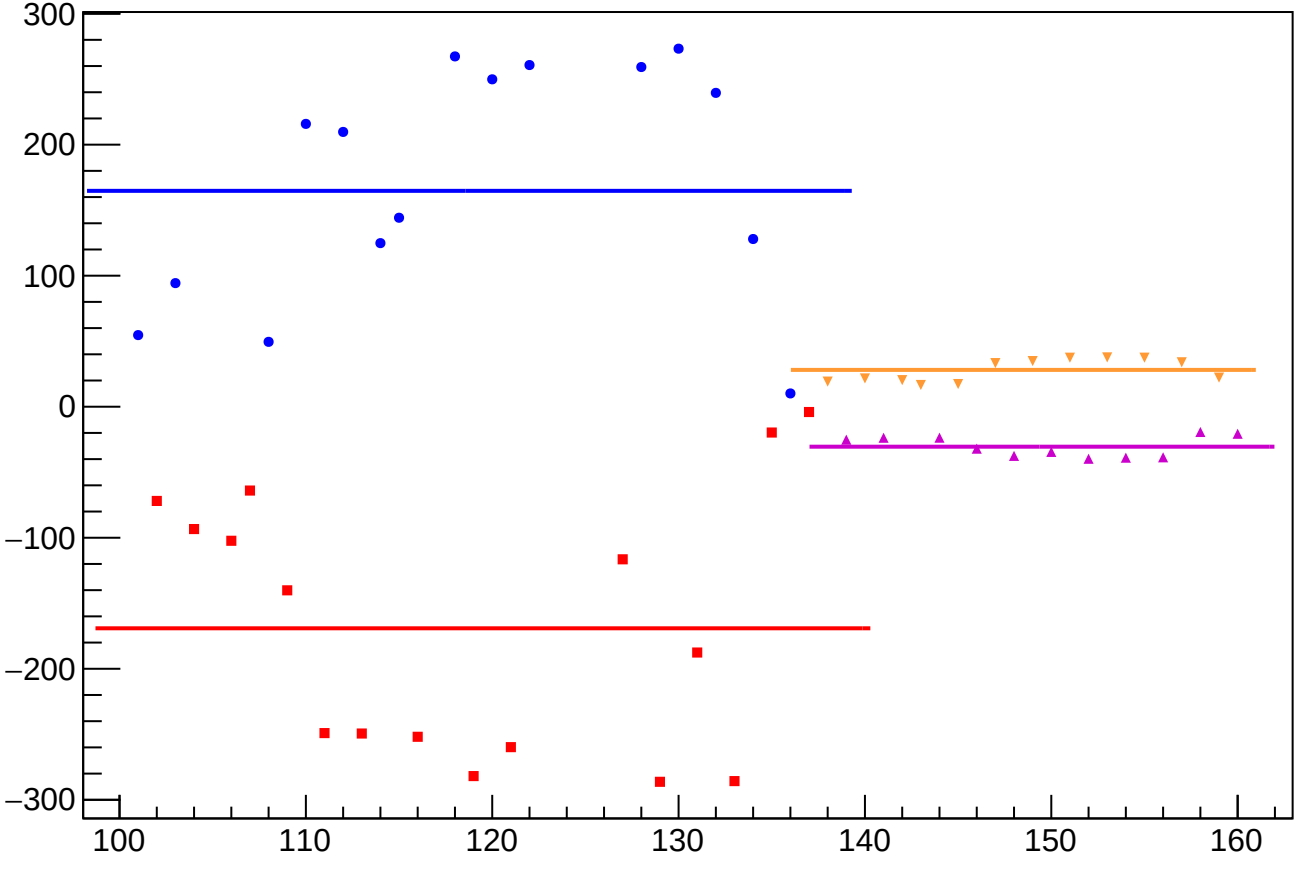
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

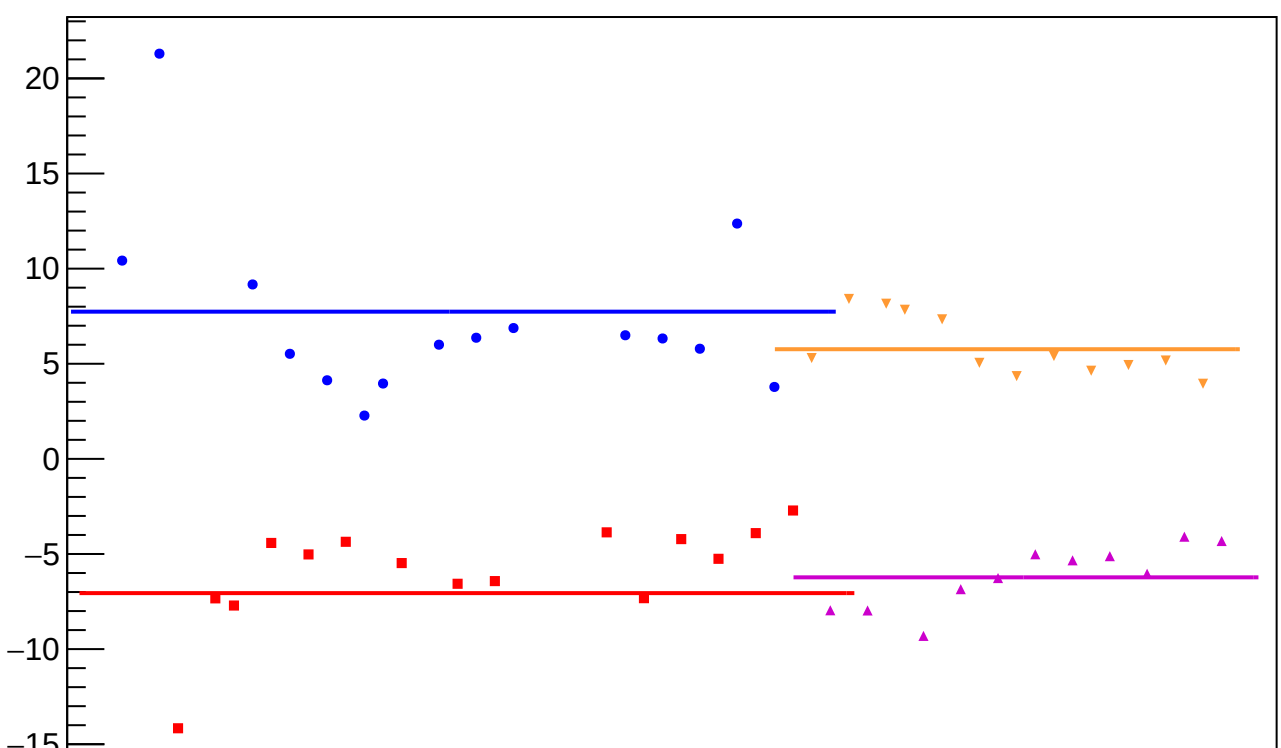
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

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

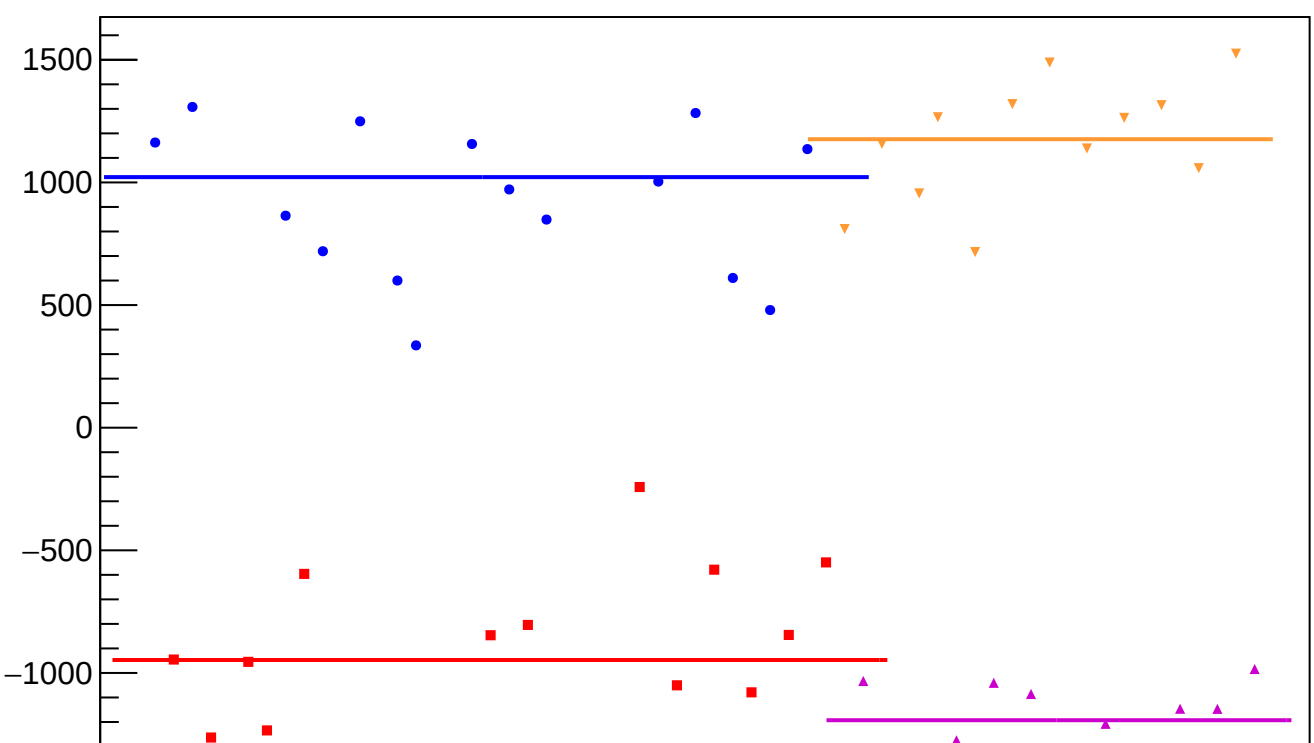
Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

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

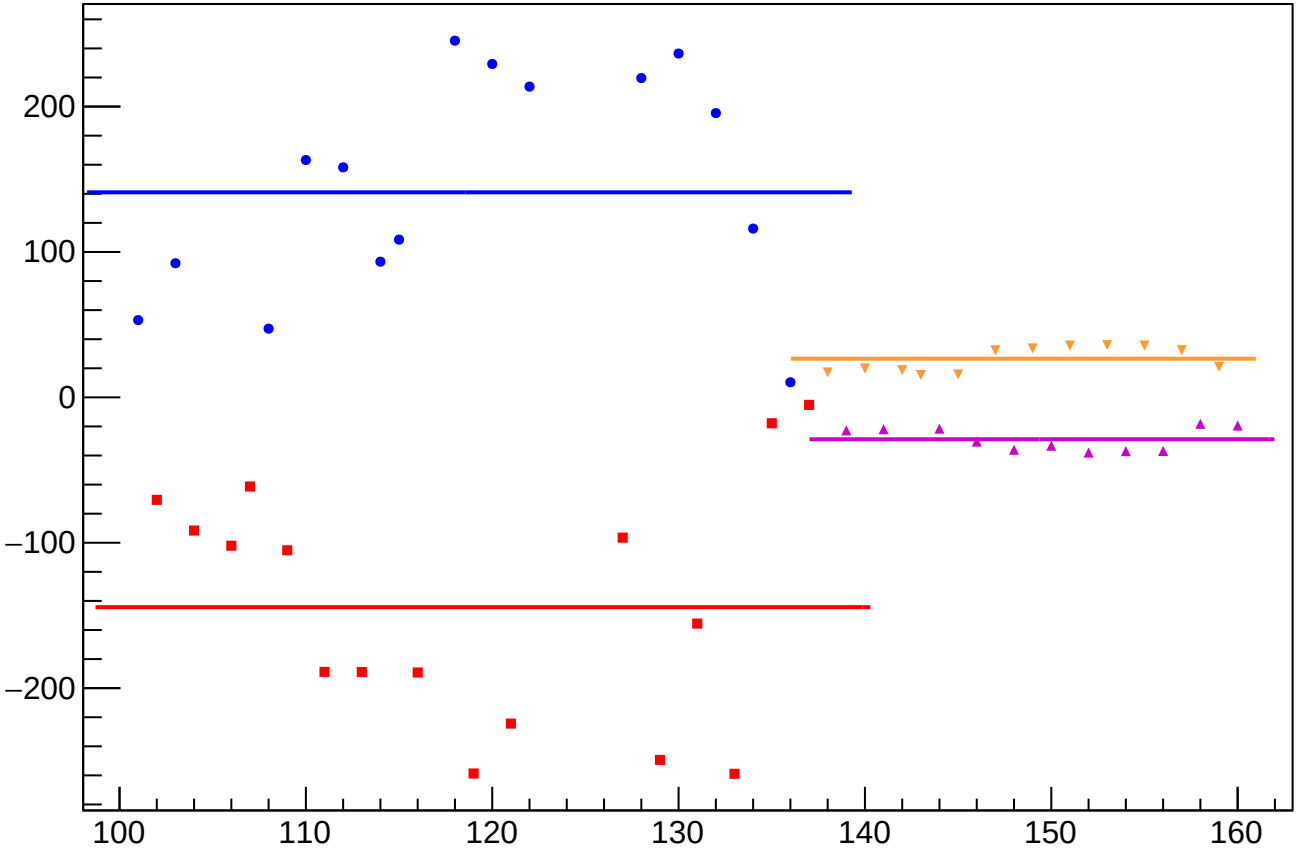
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

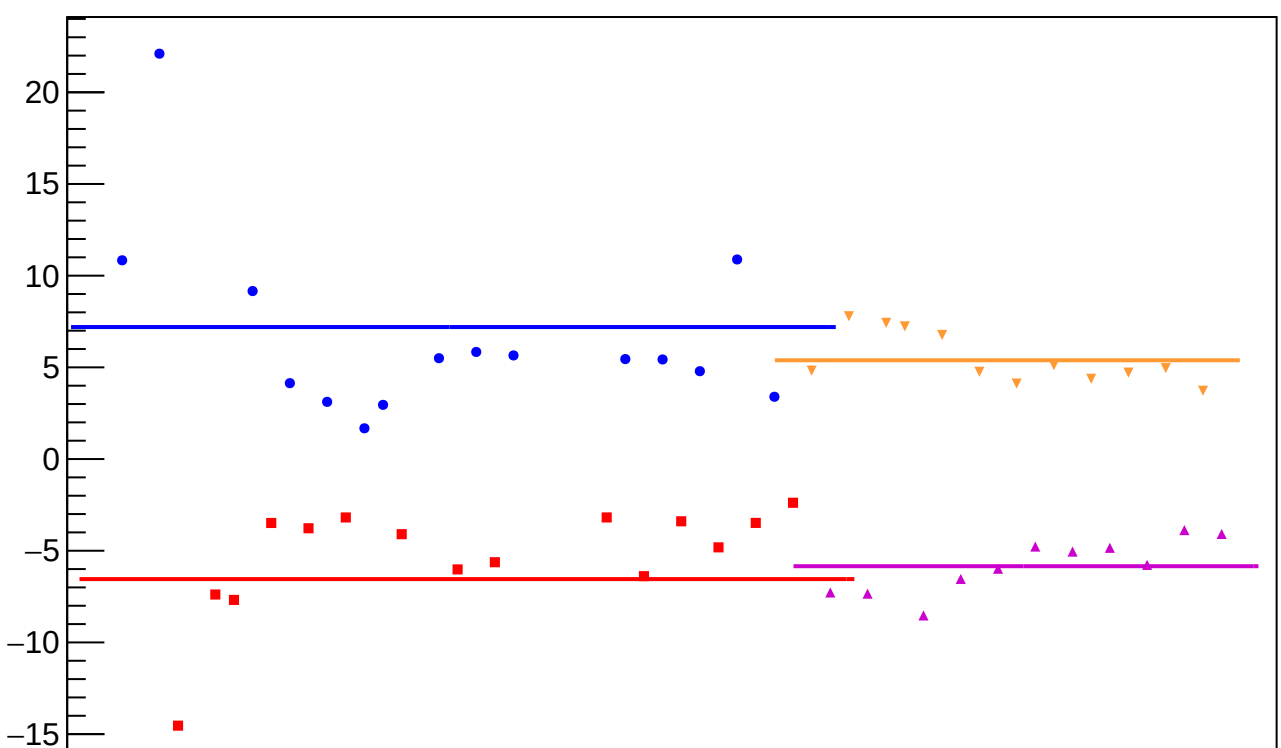
Right Out: -144.283+/-0.000 χ^2/NDF: 426833357151774088606536166392882 7904.0/15

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

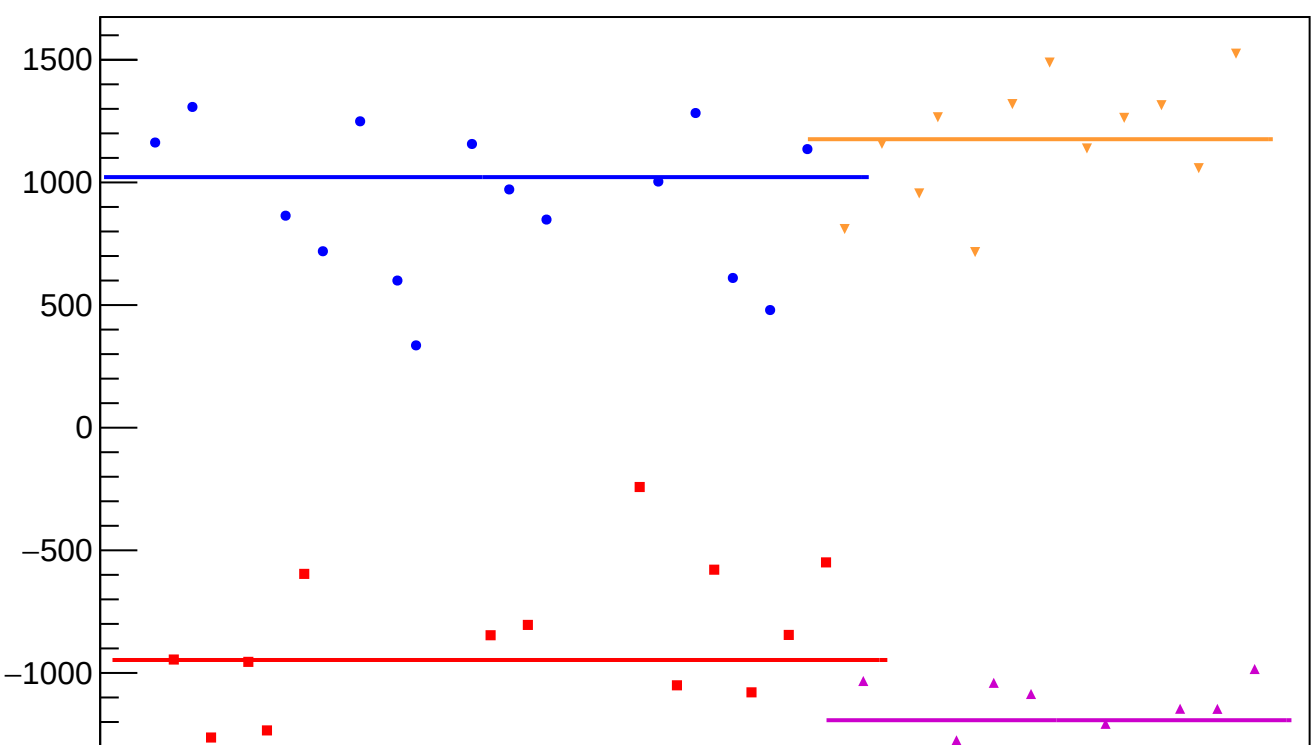
Right: 0.232+/-0.000 χ^2/NDF: 94430884745367791

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

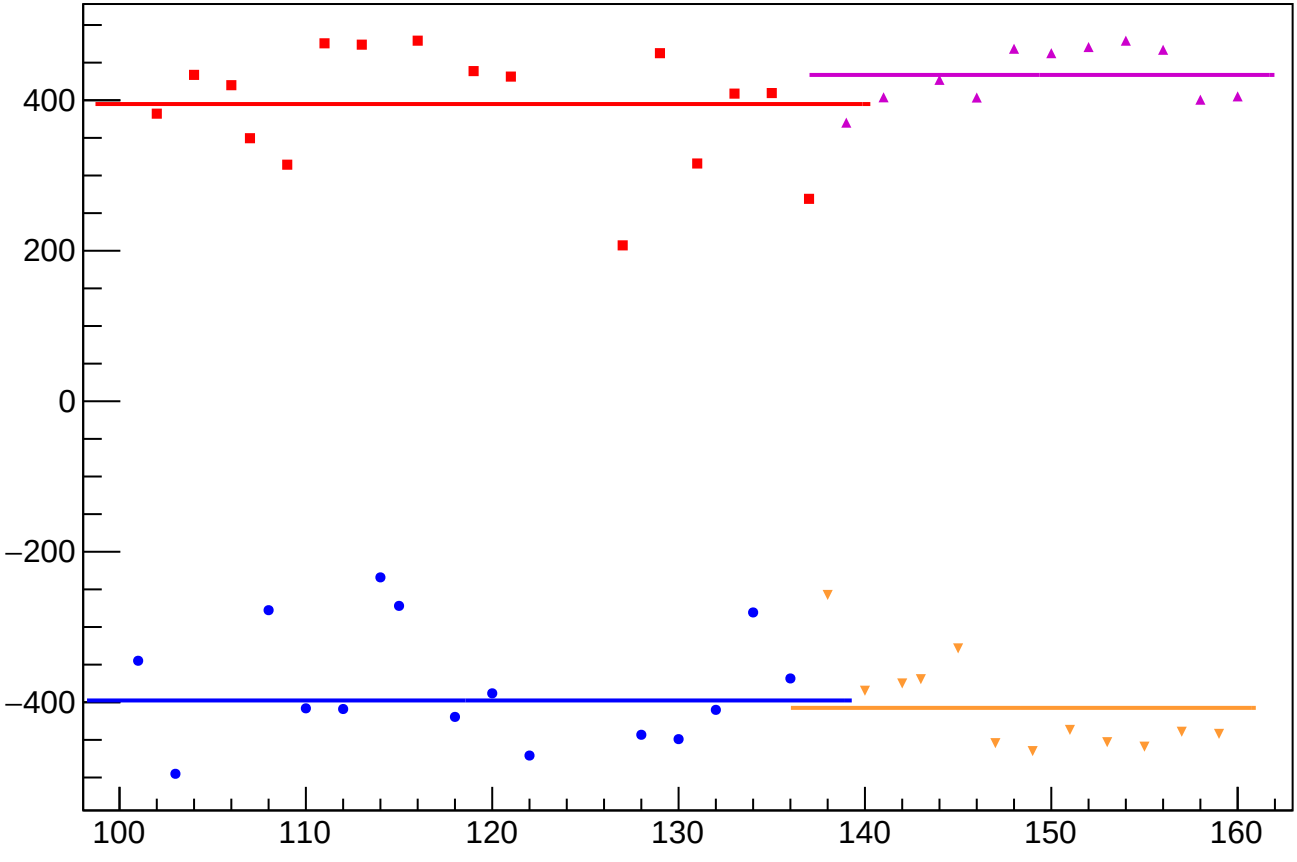
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

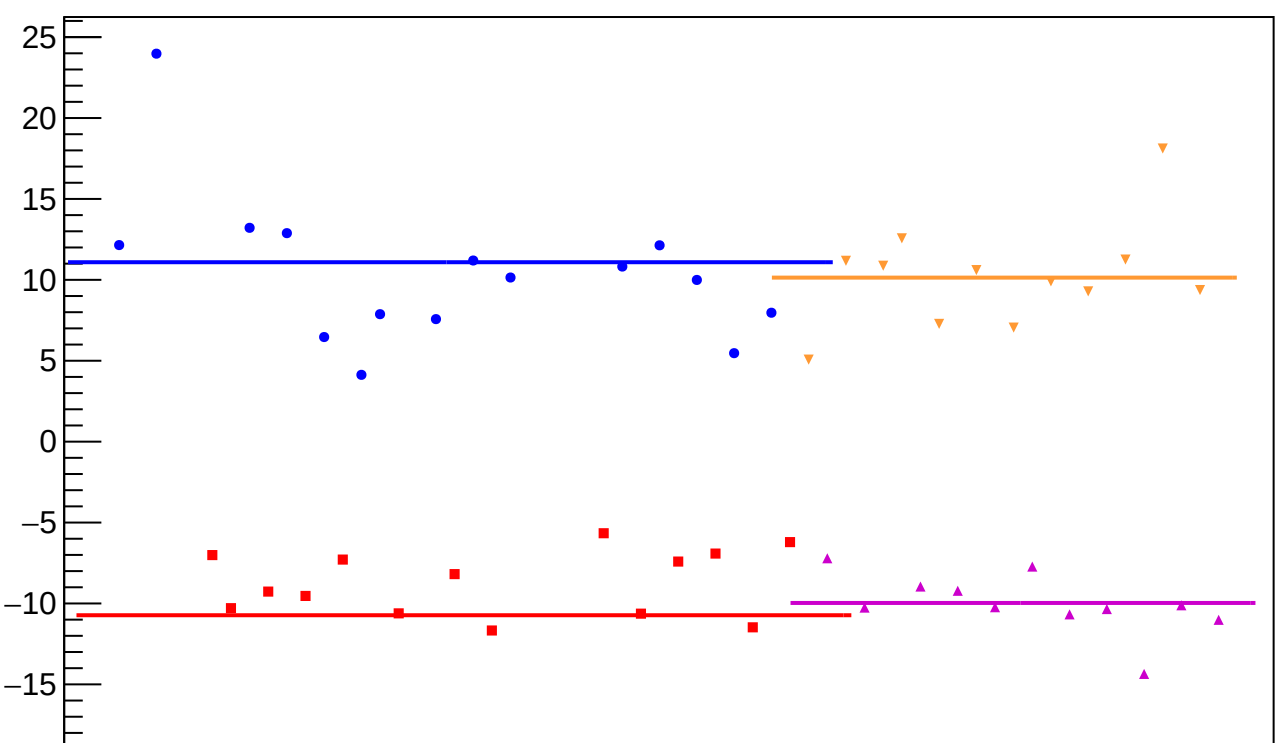
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3

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

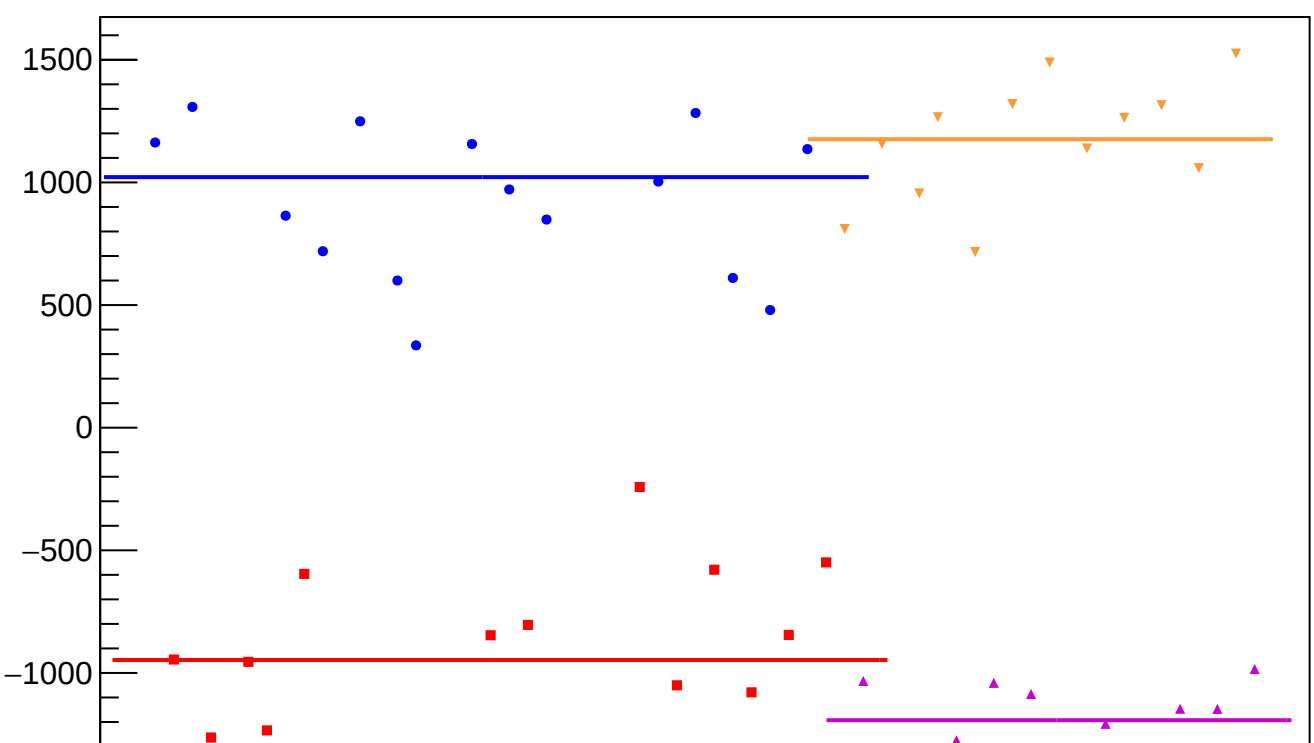
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

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

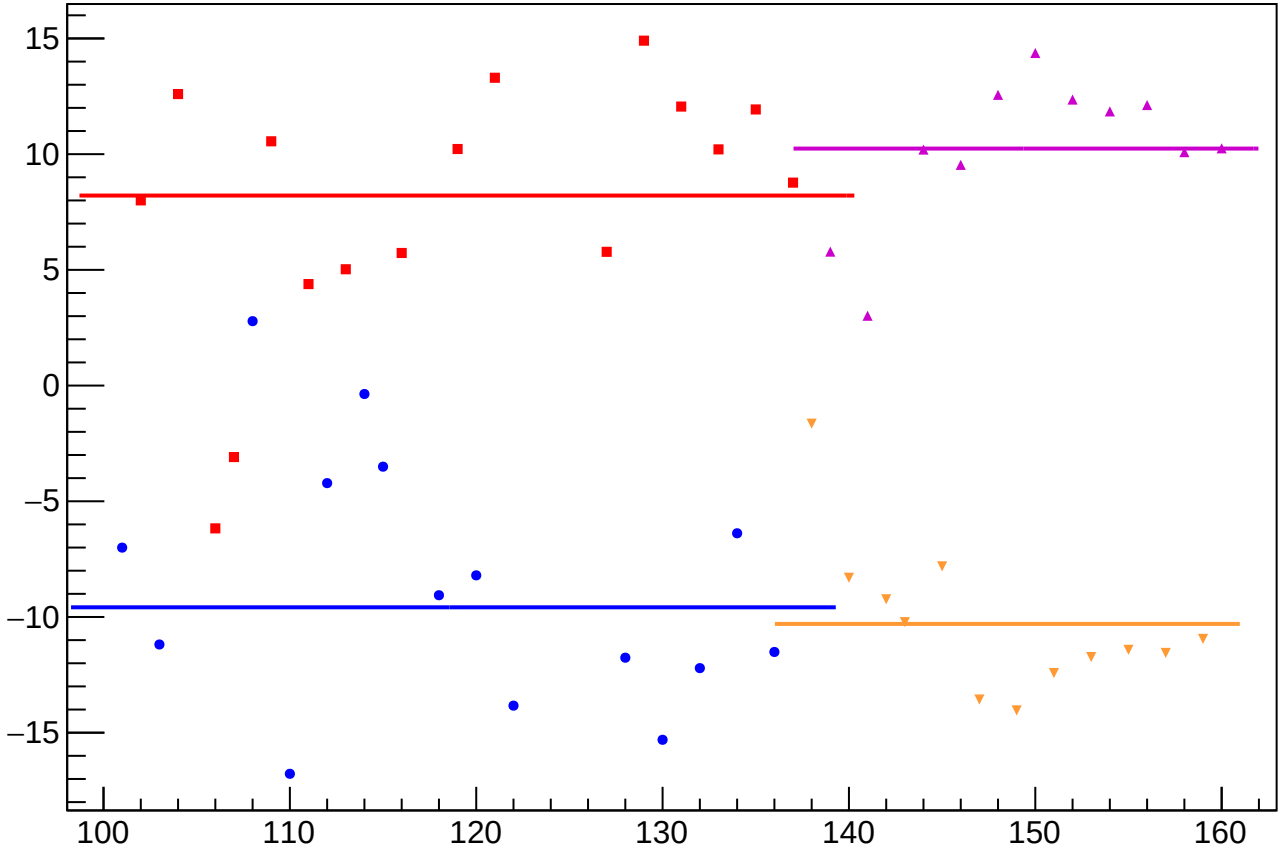
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

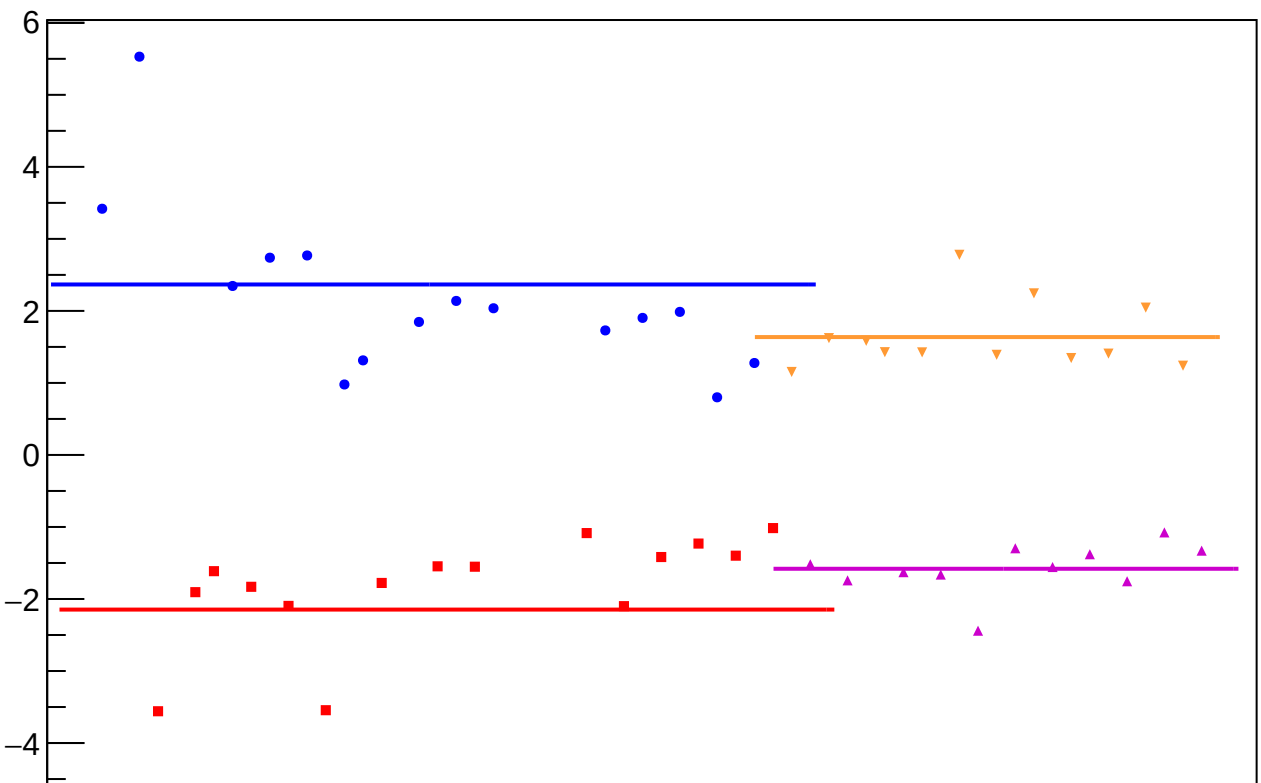
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

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

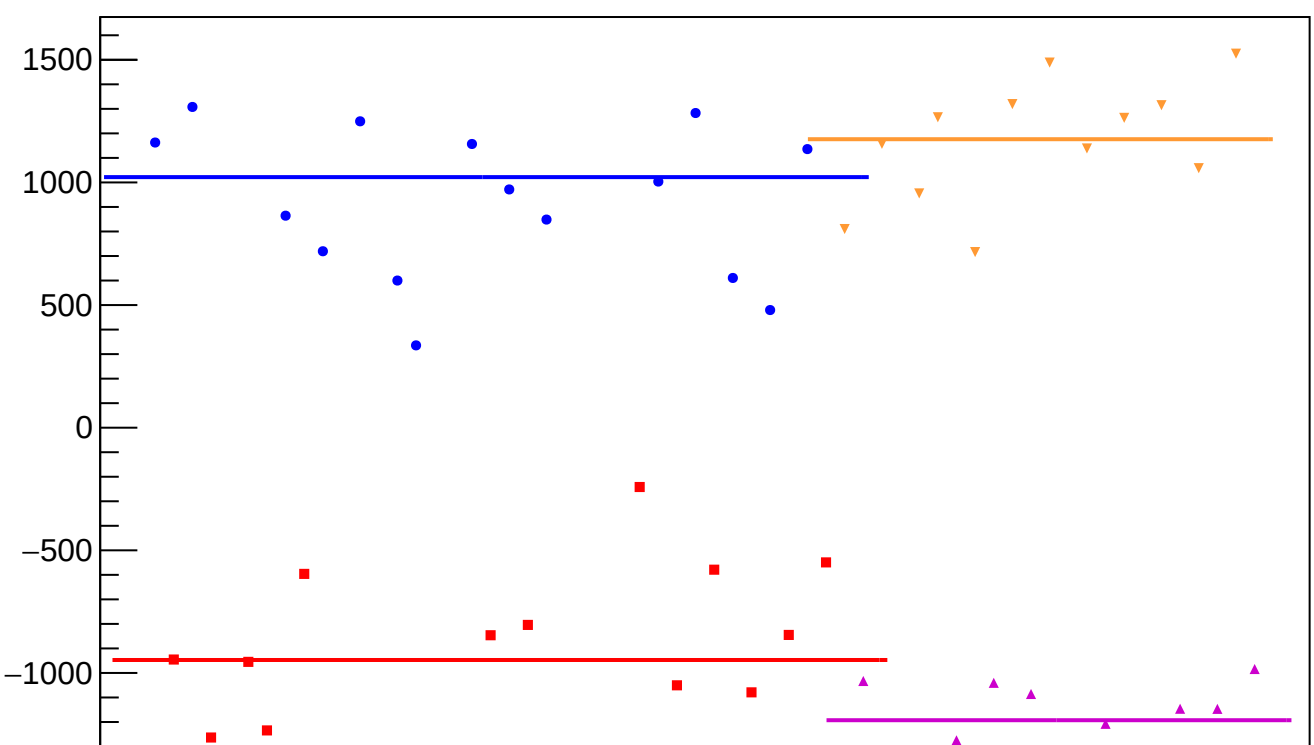
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

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

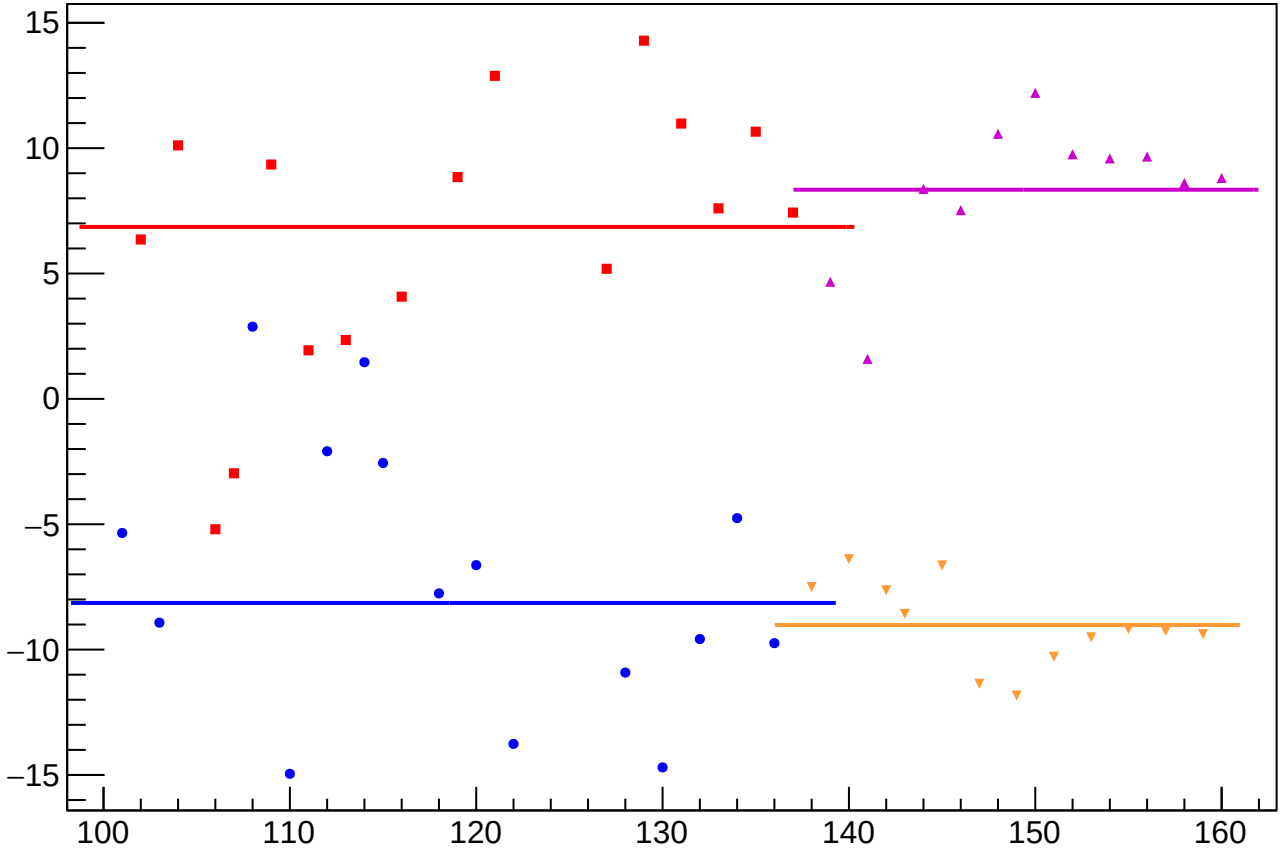
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

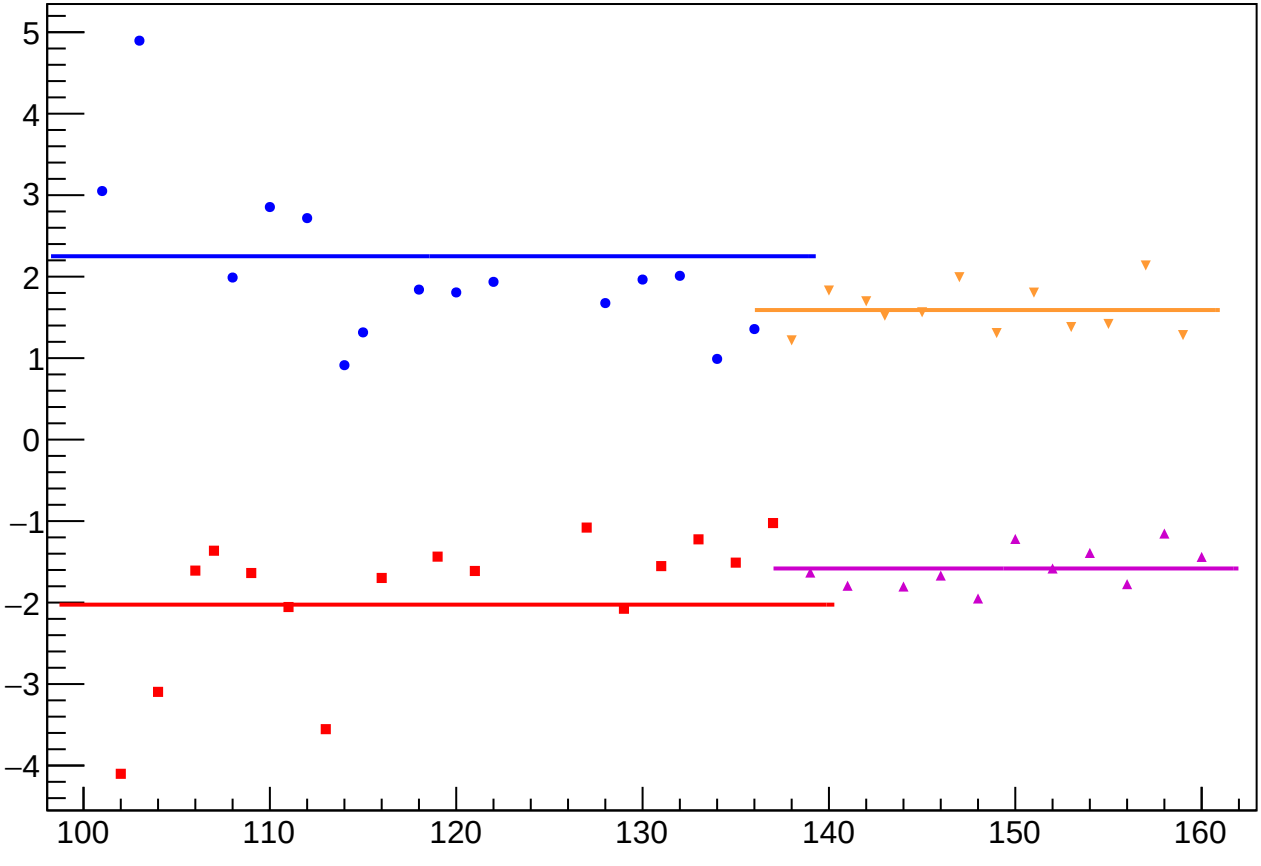
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

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

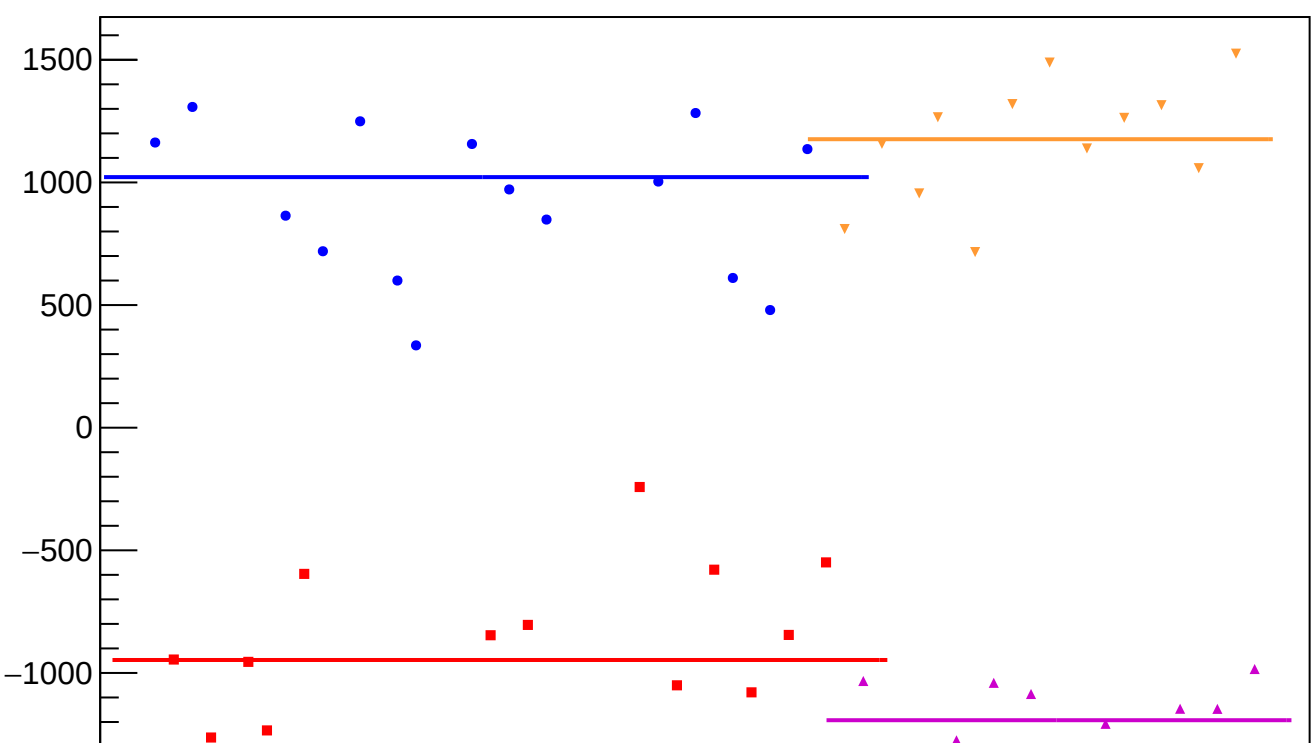
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

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

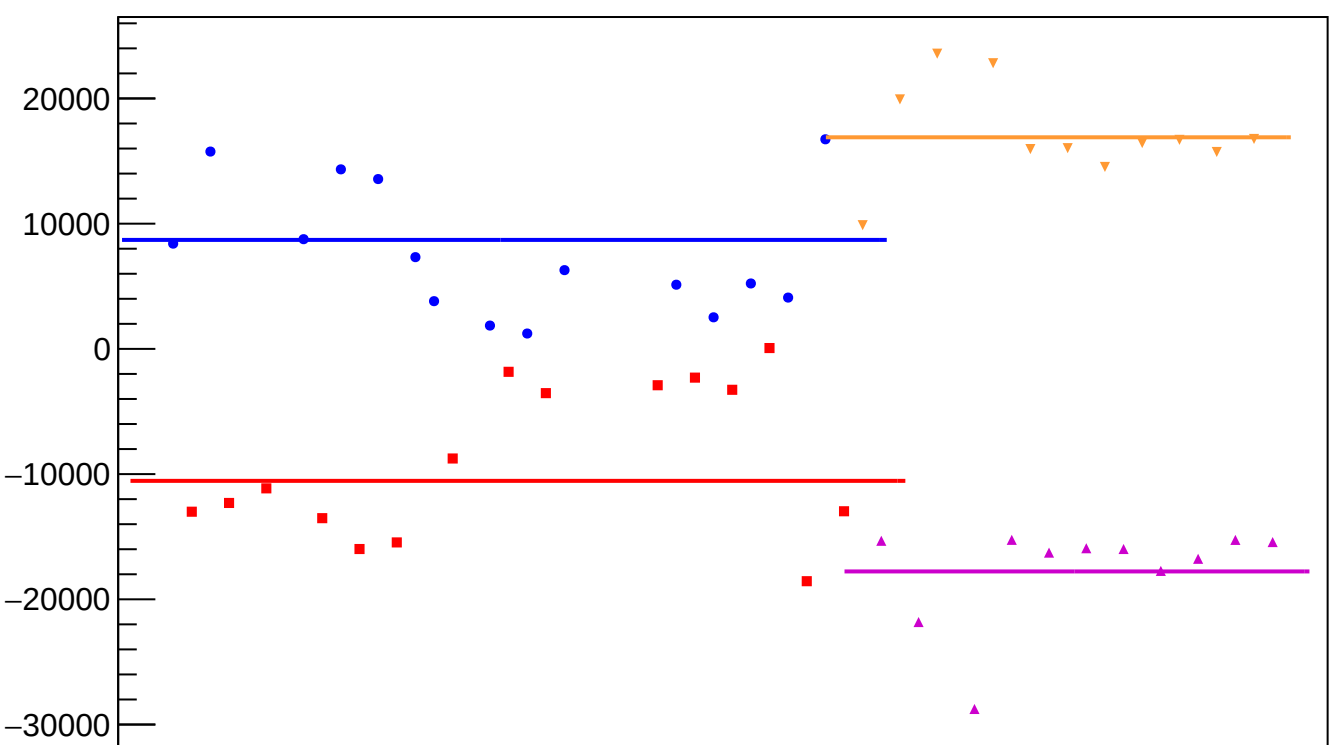
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

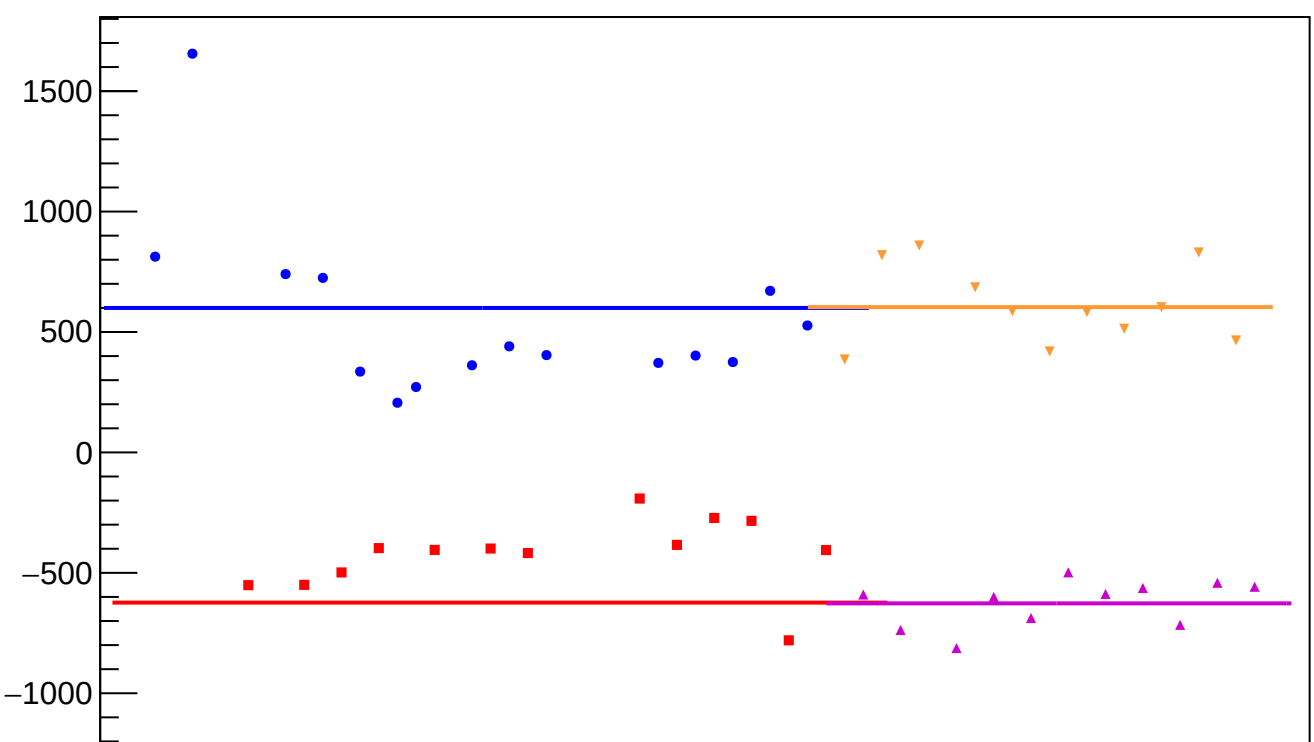
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

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

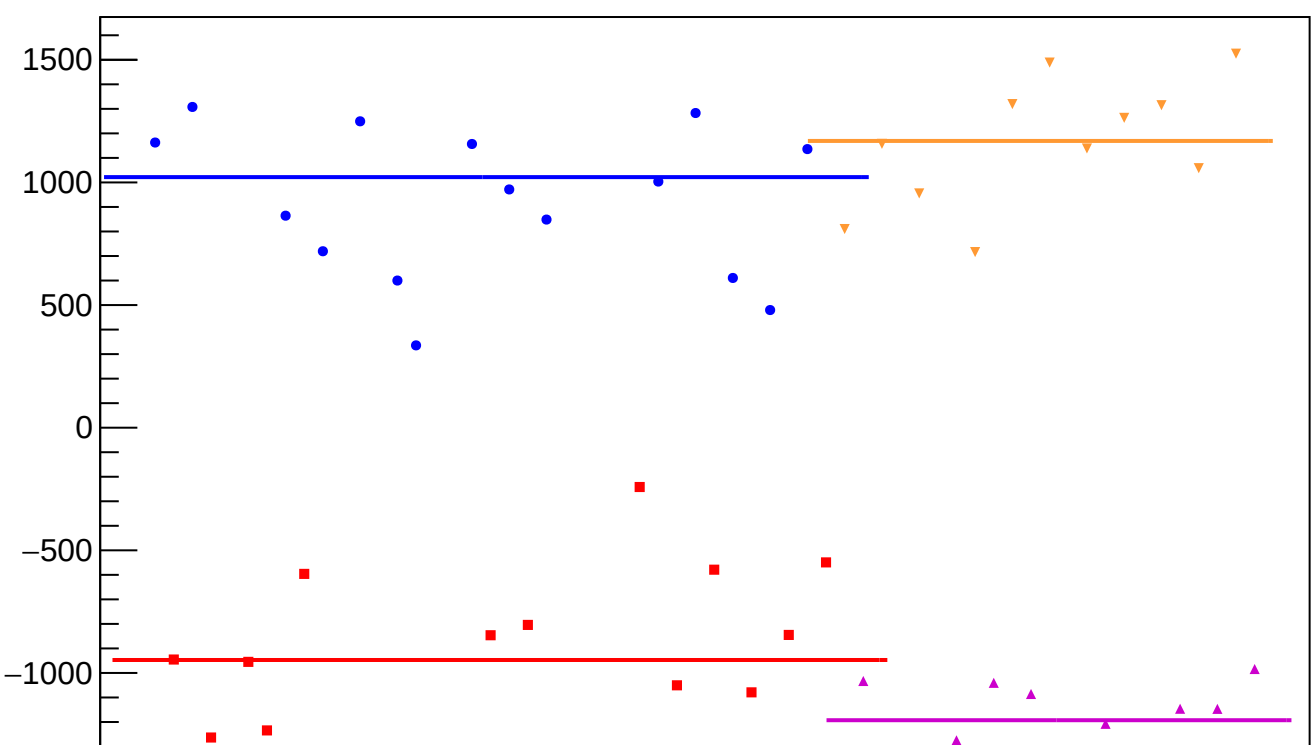
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

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

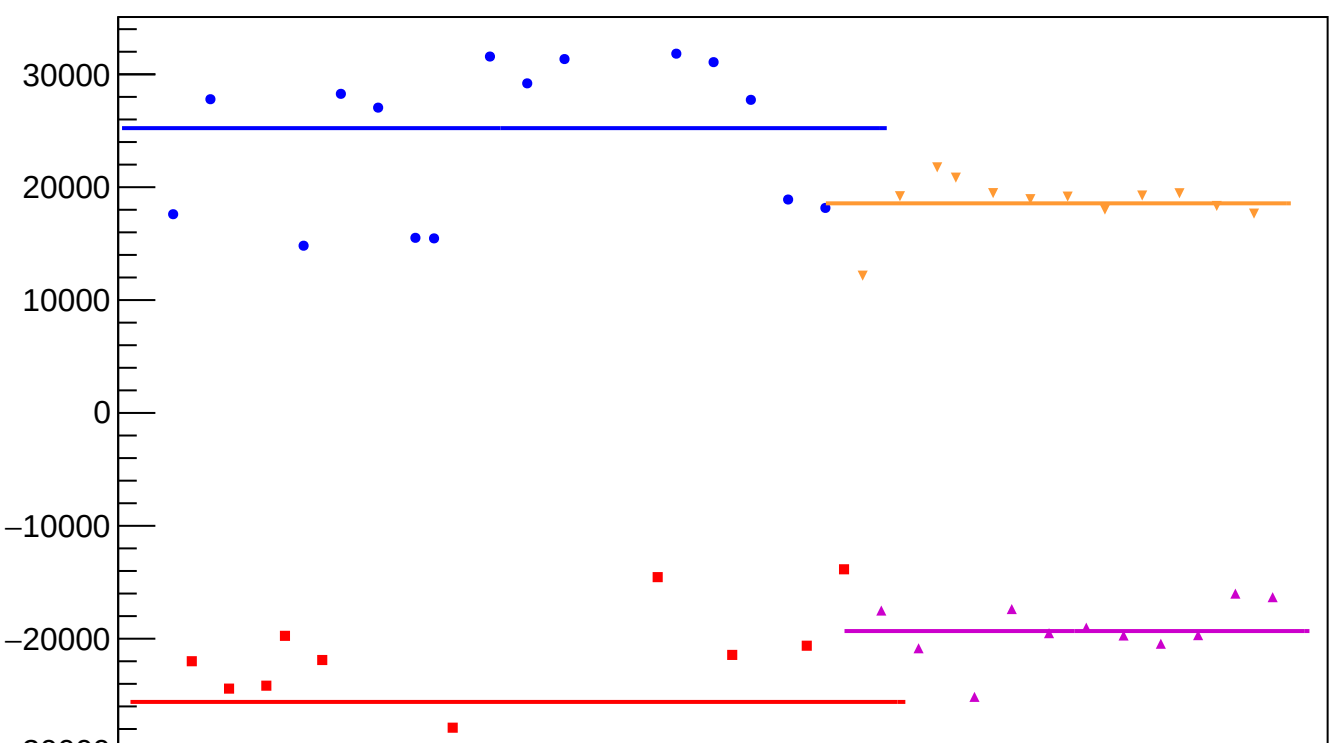
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 238.674+/-0.000 χ^2/NDF:1794461642916467

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

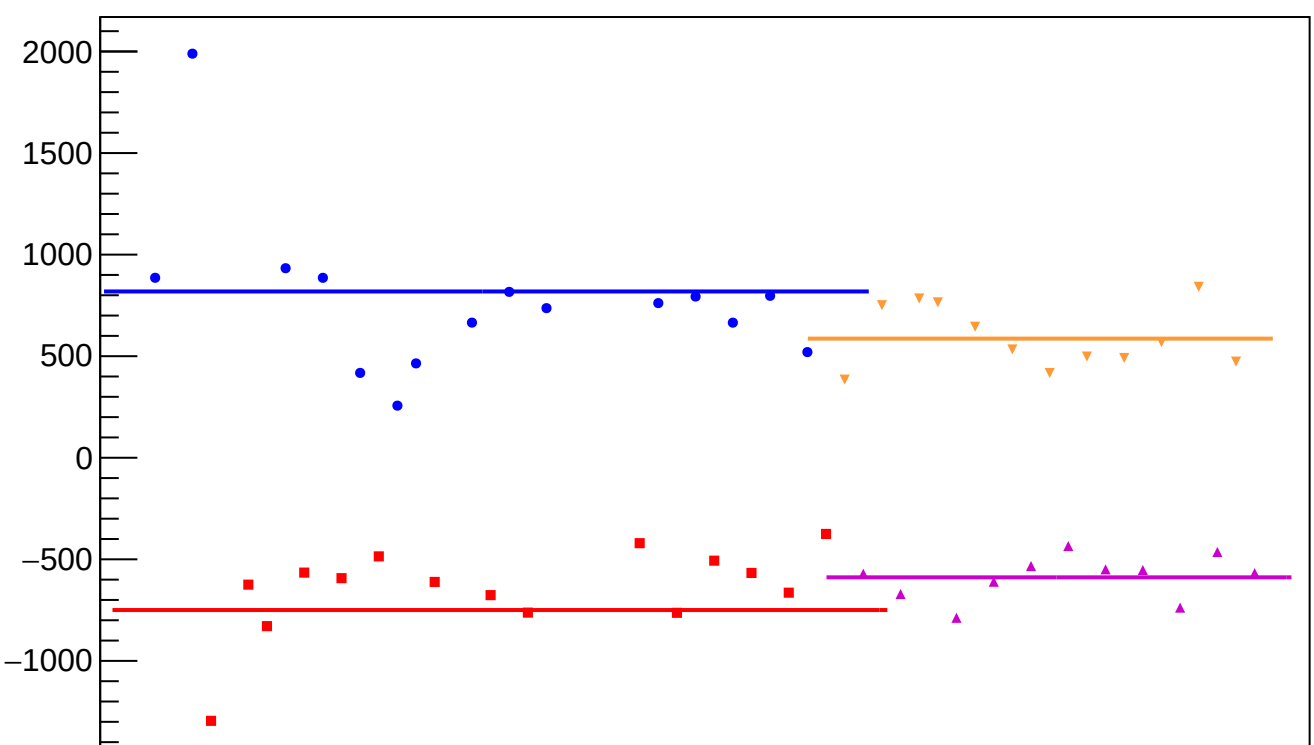
All: -24.887+/-0.000 χ^2/NDF: 393055602424

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

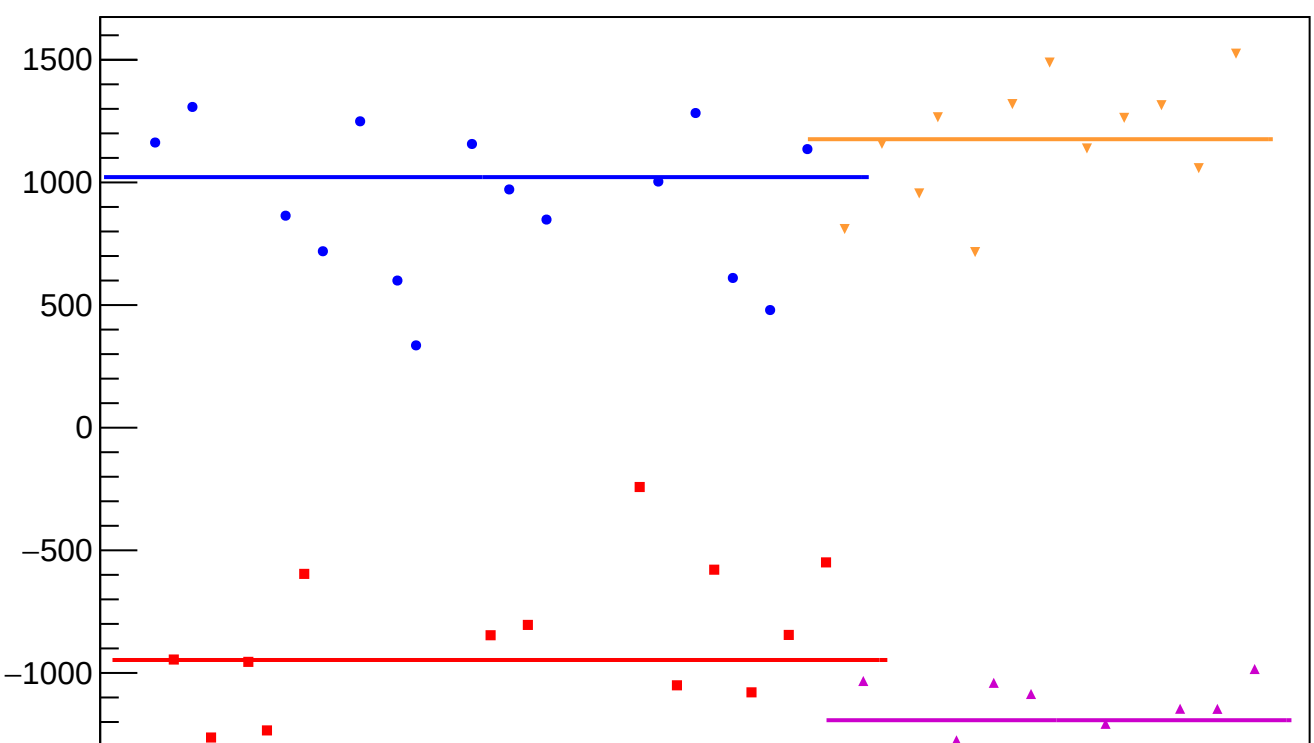
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15

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

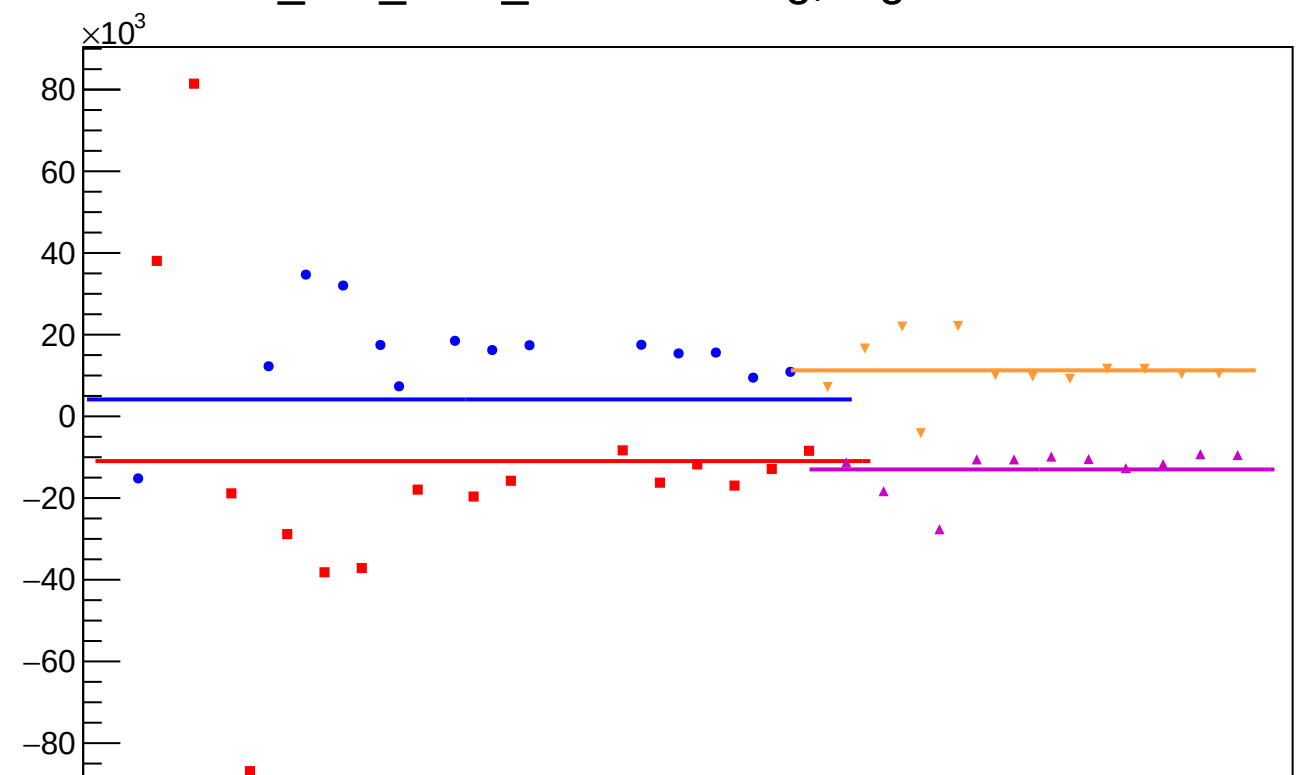
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

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

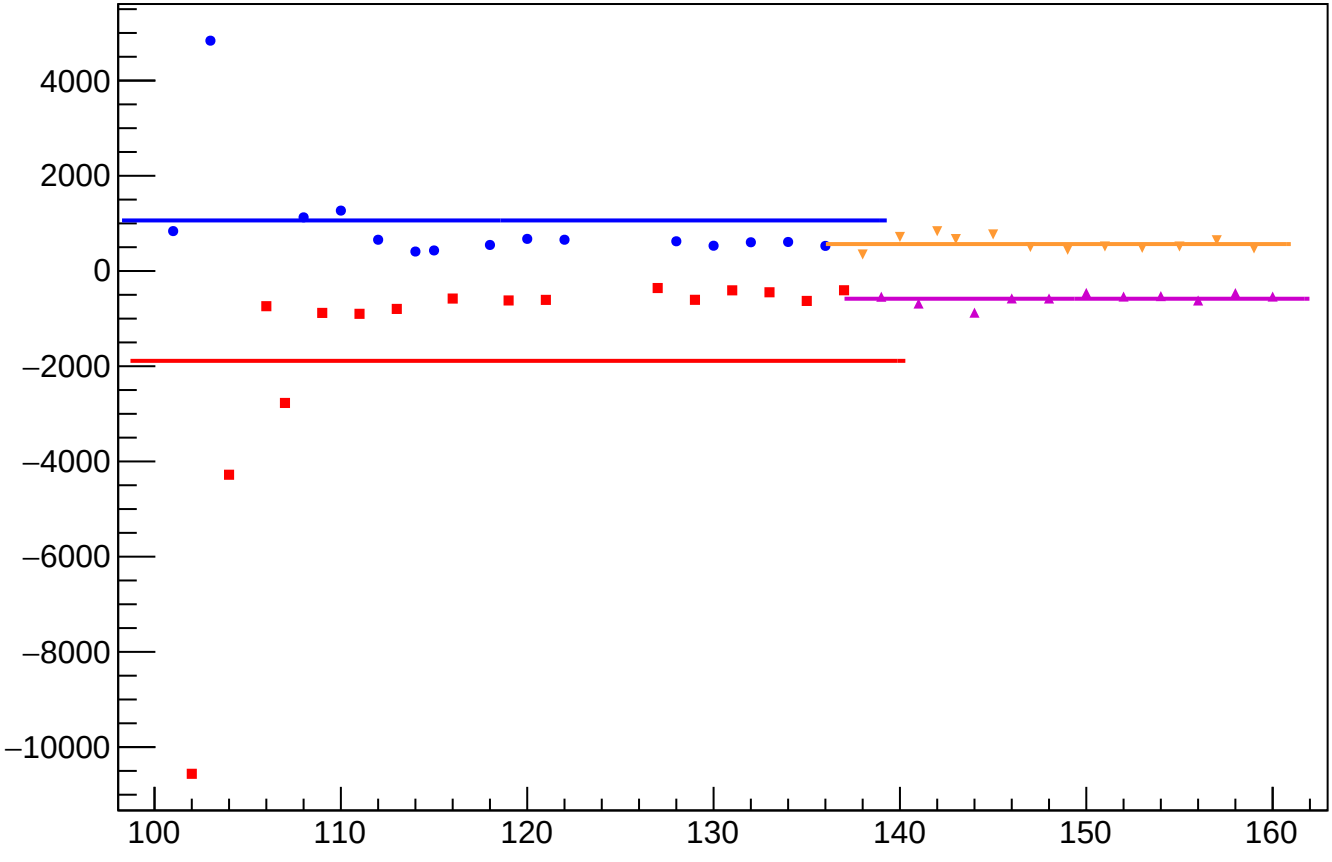
Right Out: -10948.073+/-0.000 χ^2/NDF: 873949668510327201514601463115396191092736.0/15

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

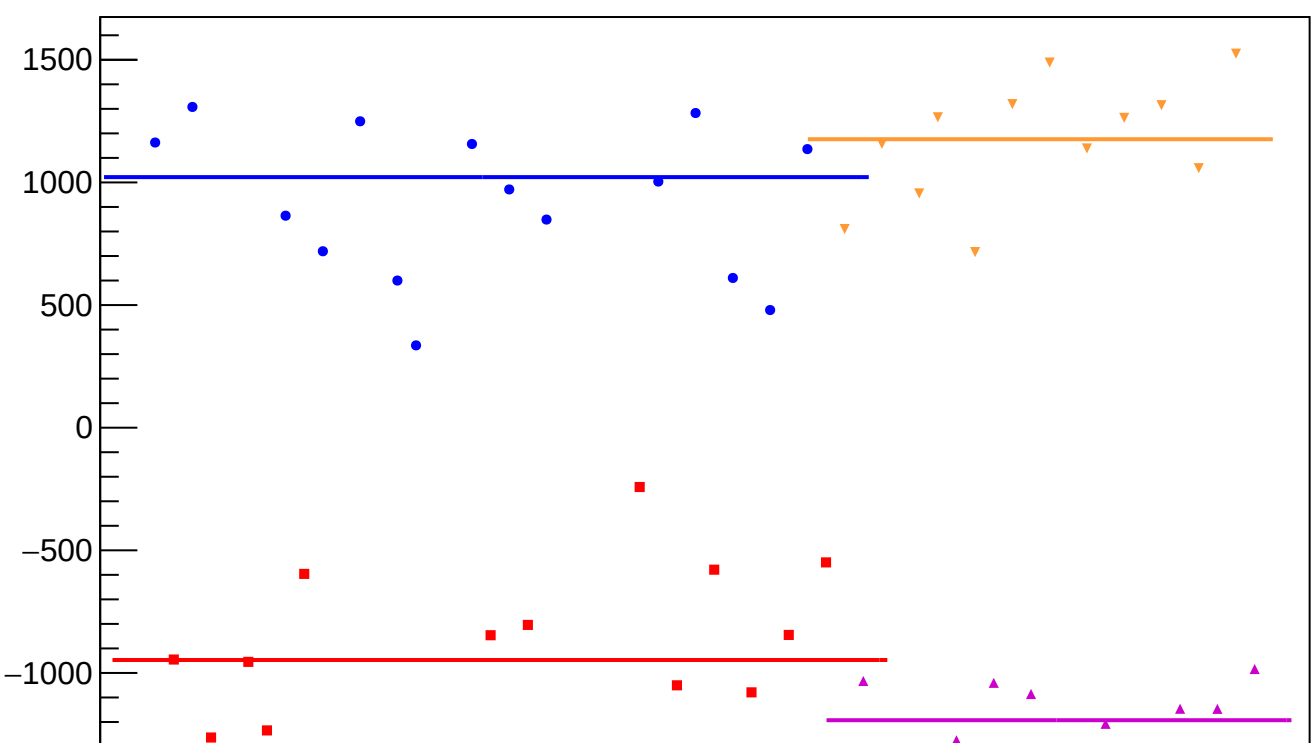
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828352 0.0/15

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

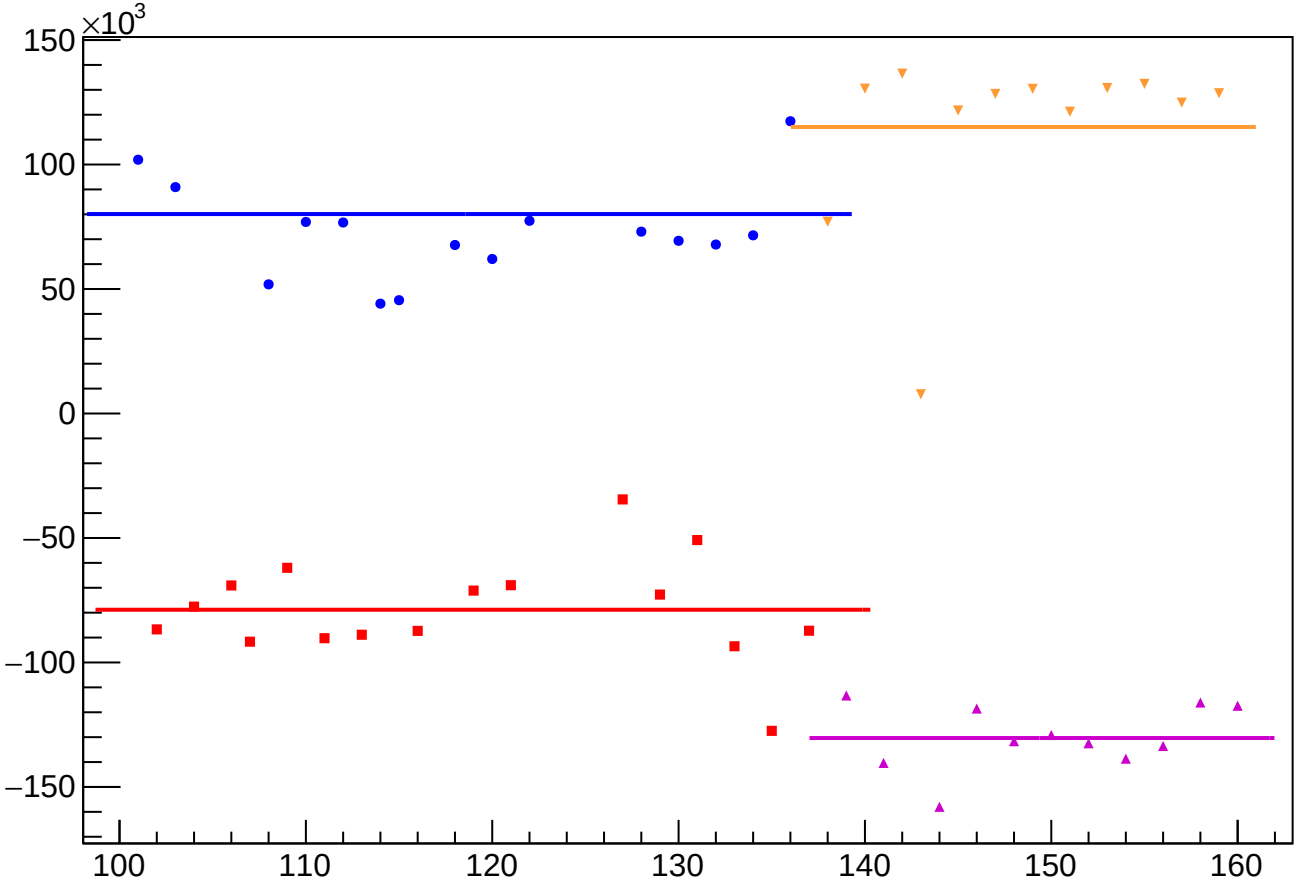
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

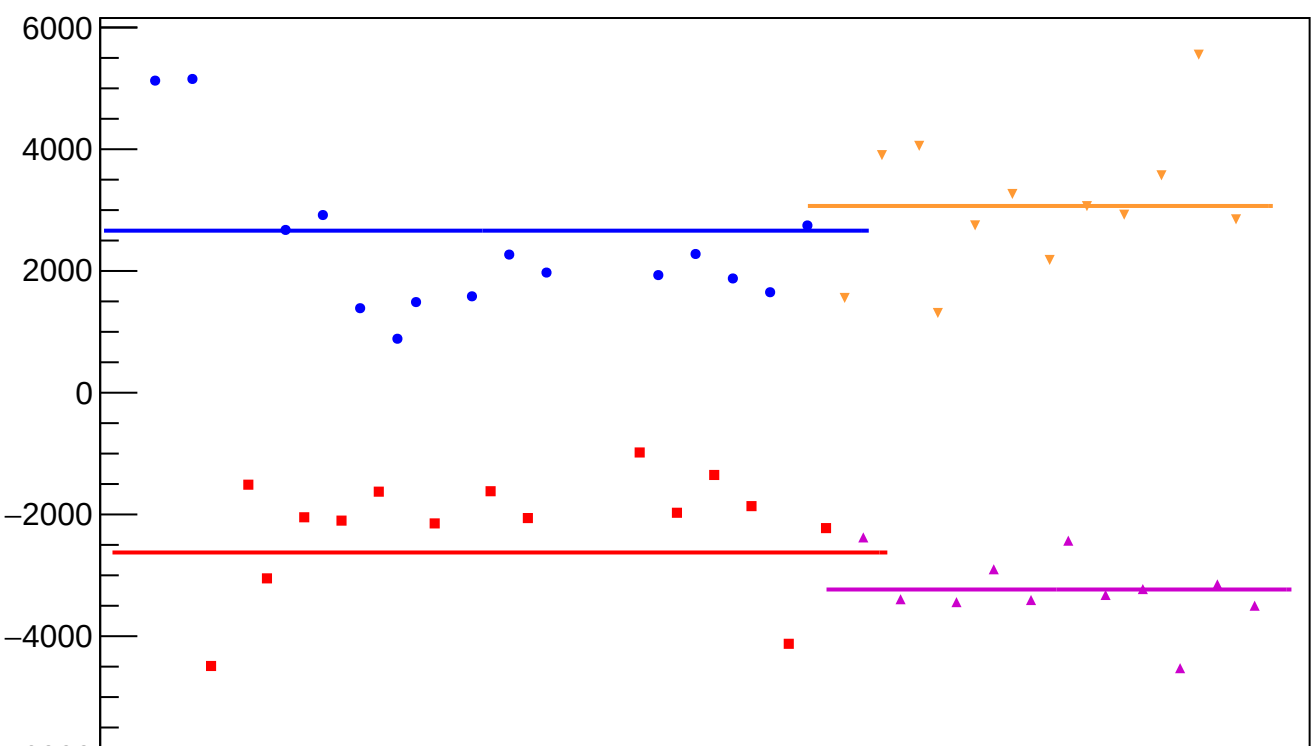
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

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

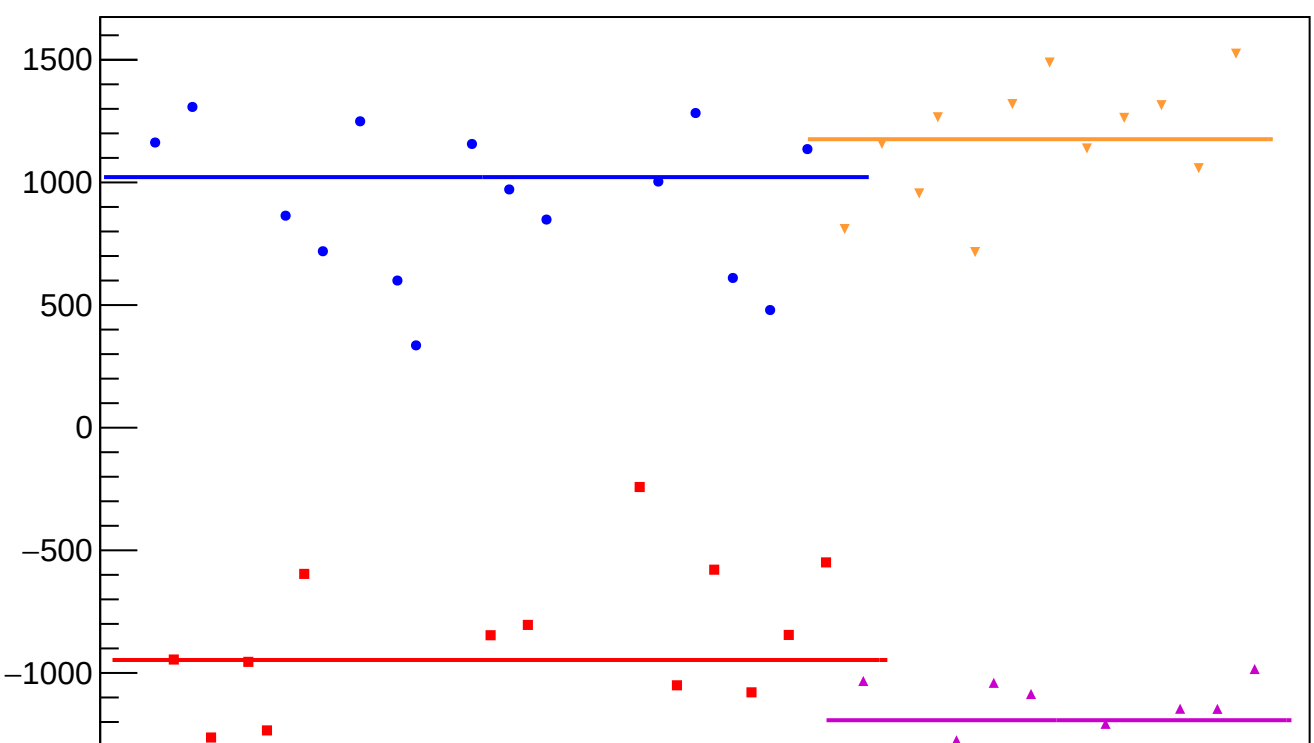
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

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

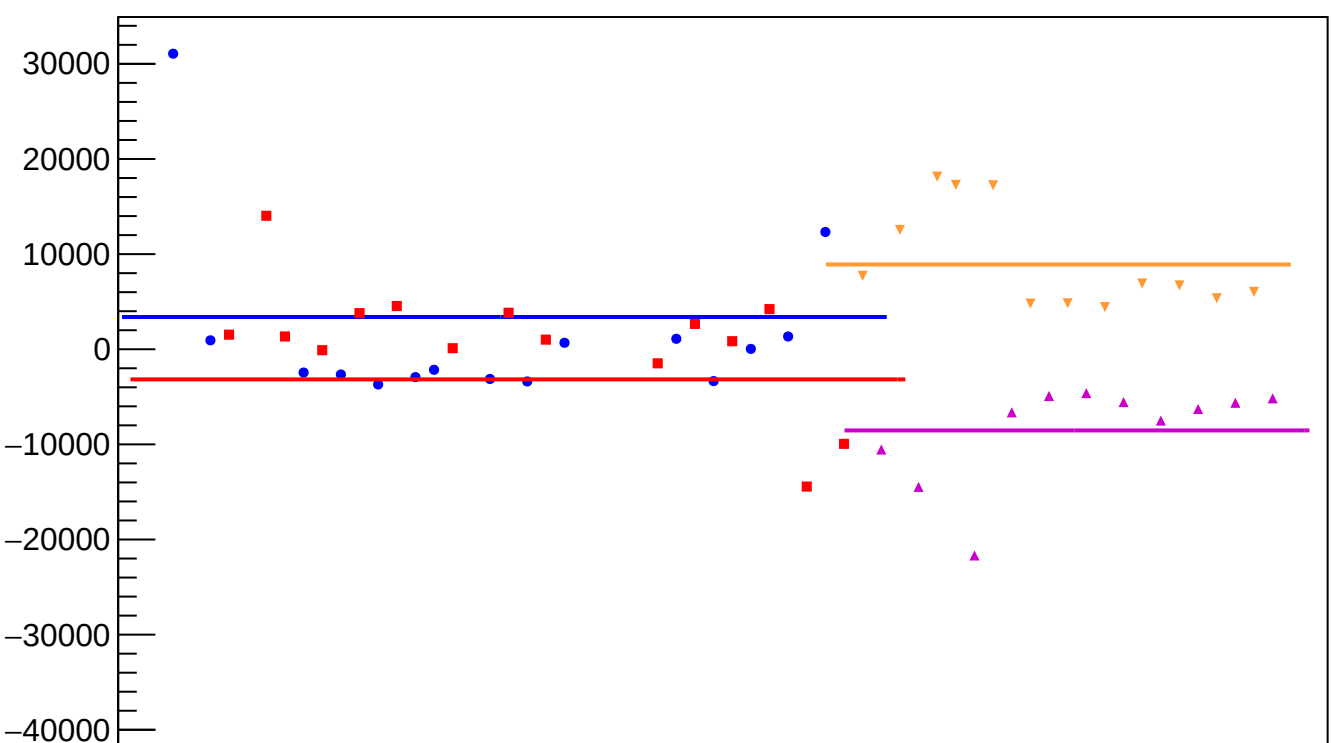
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

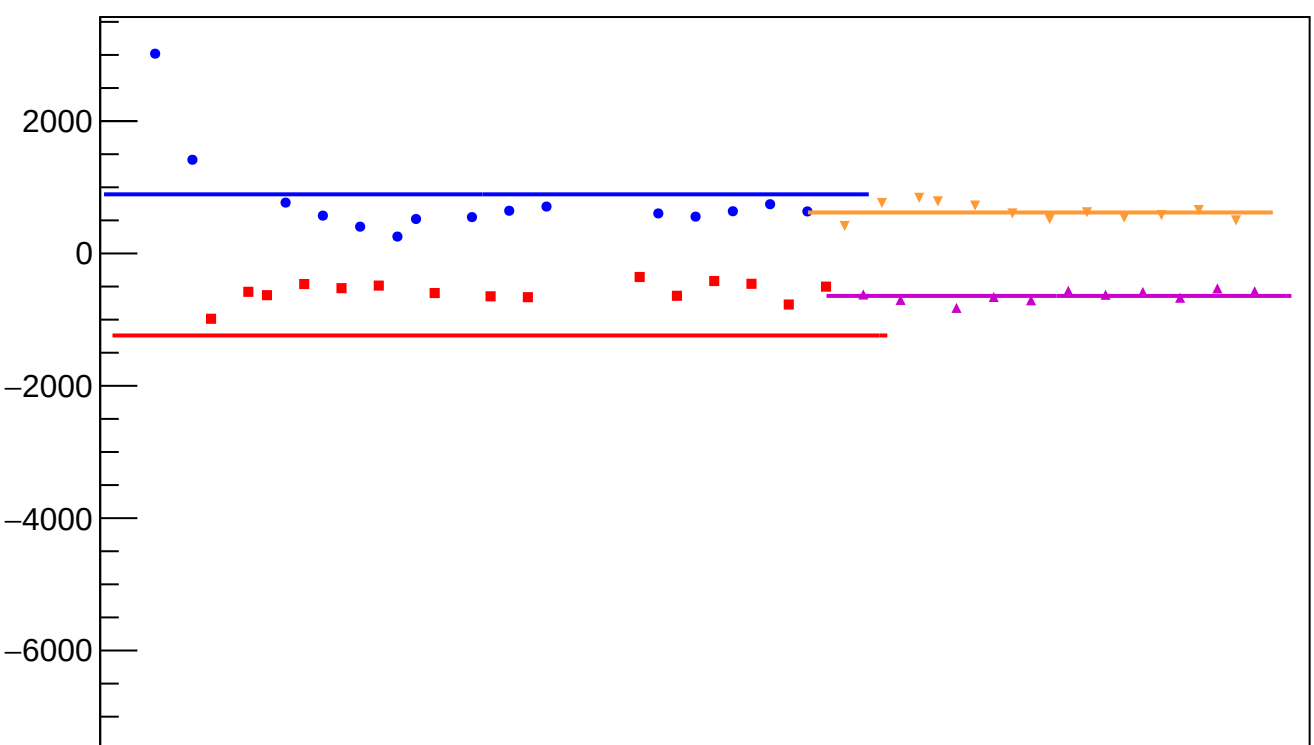
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atr1_coil7_mean vs Slug, Sign Corrected



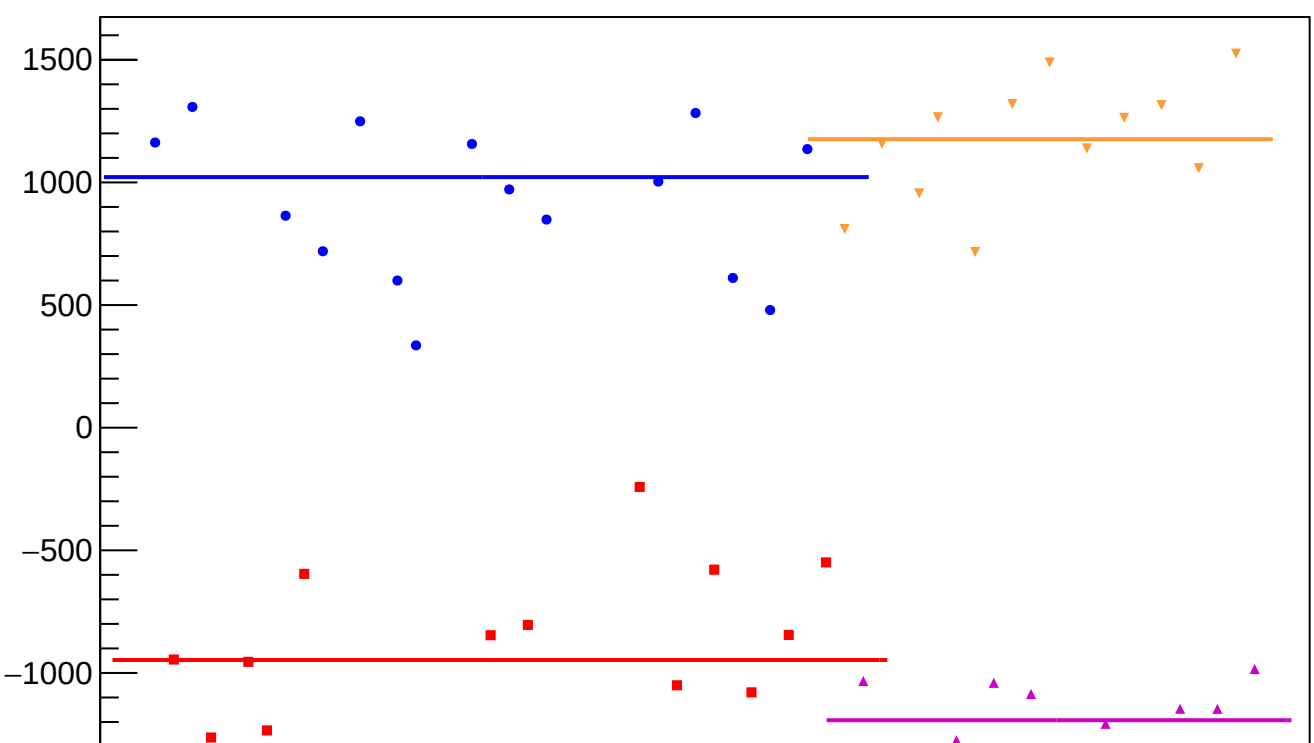
Left: 156.653+/-0.000 χ^2/NDF: 186439517427266
Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14
Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725
Left Out: 8912.459+/-0.000 χ^2/NDF:2207054440264607428426823169080523594137 6.0/11
In: -3613.388+/-0.000 χ^2/NDF:14436979844717 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

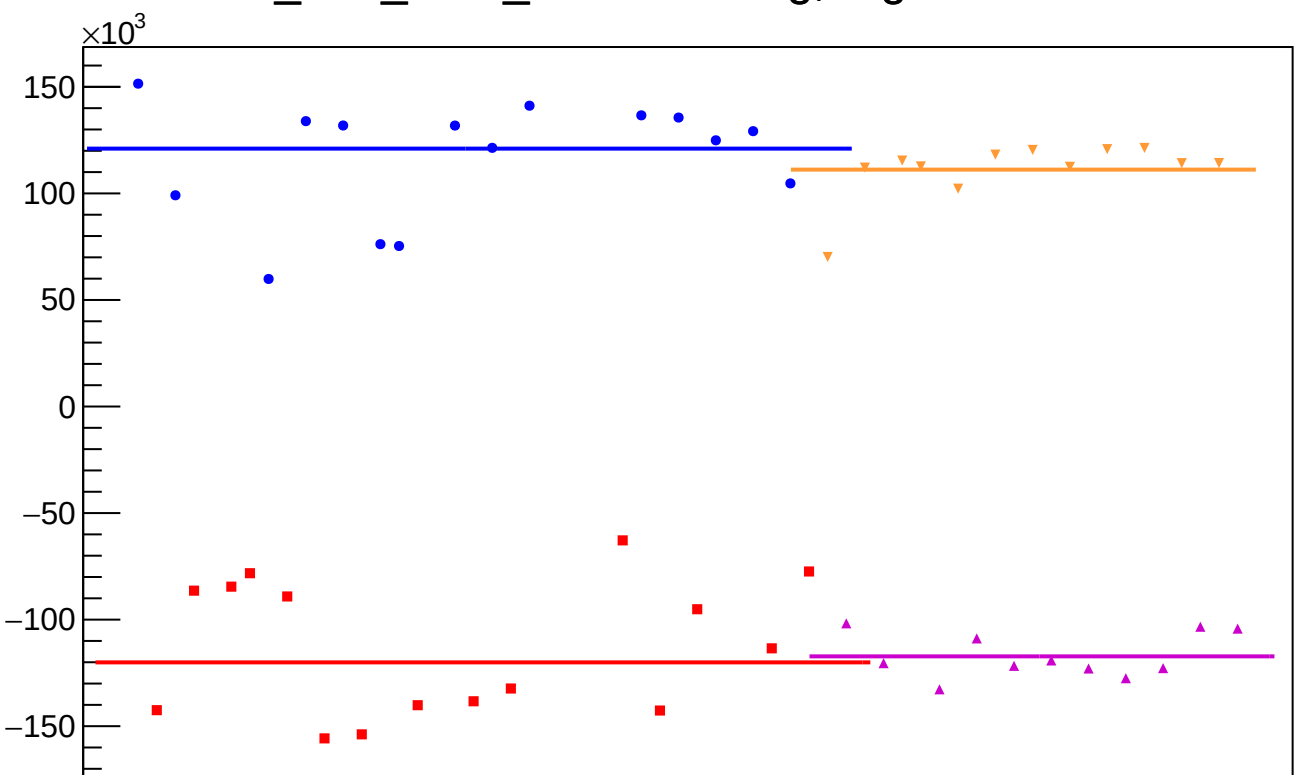
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

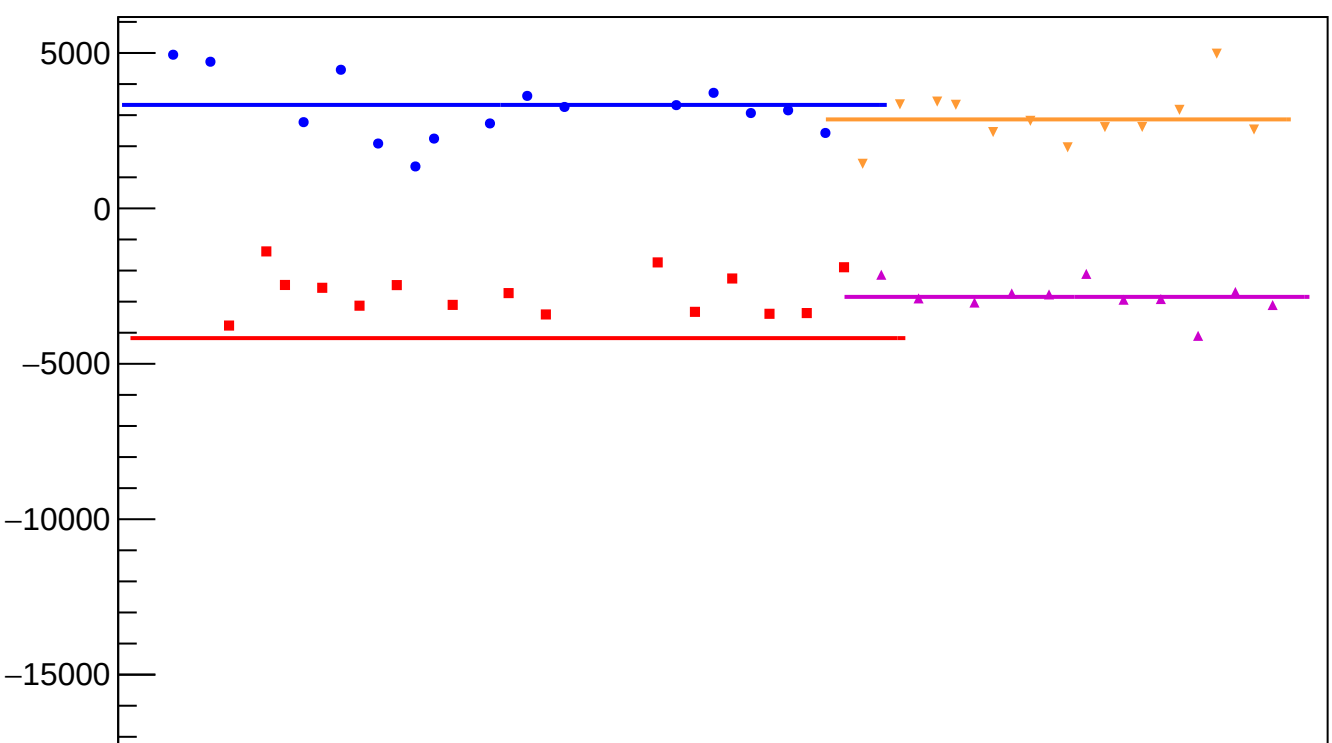
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

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

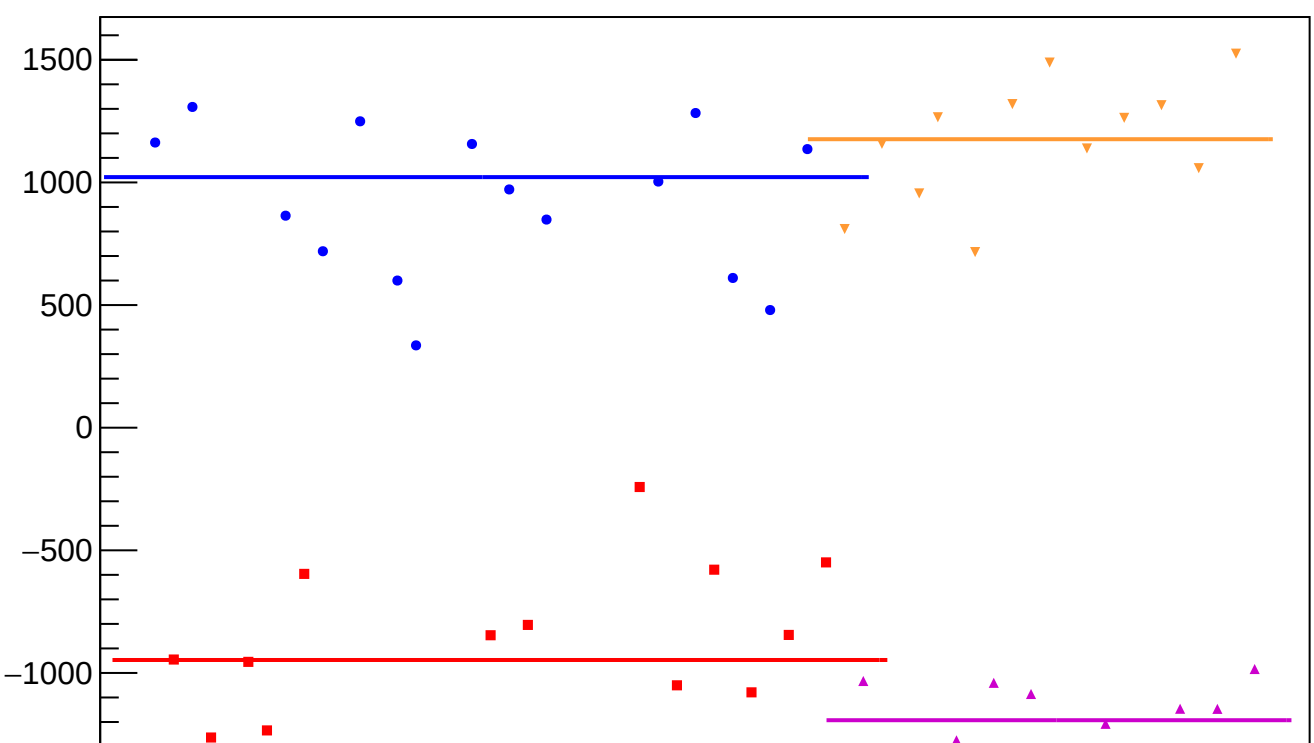
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

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

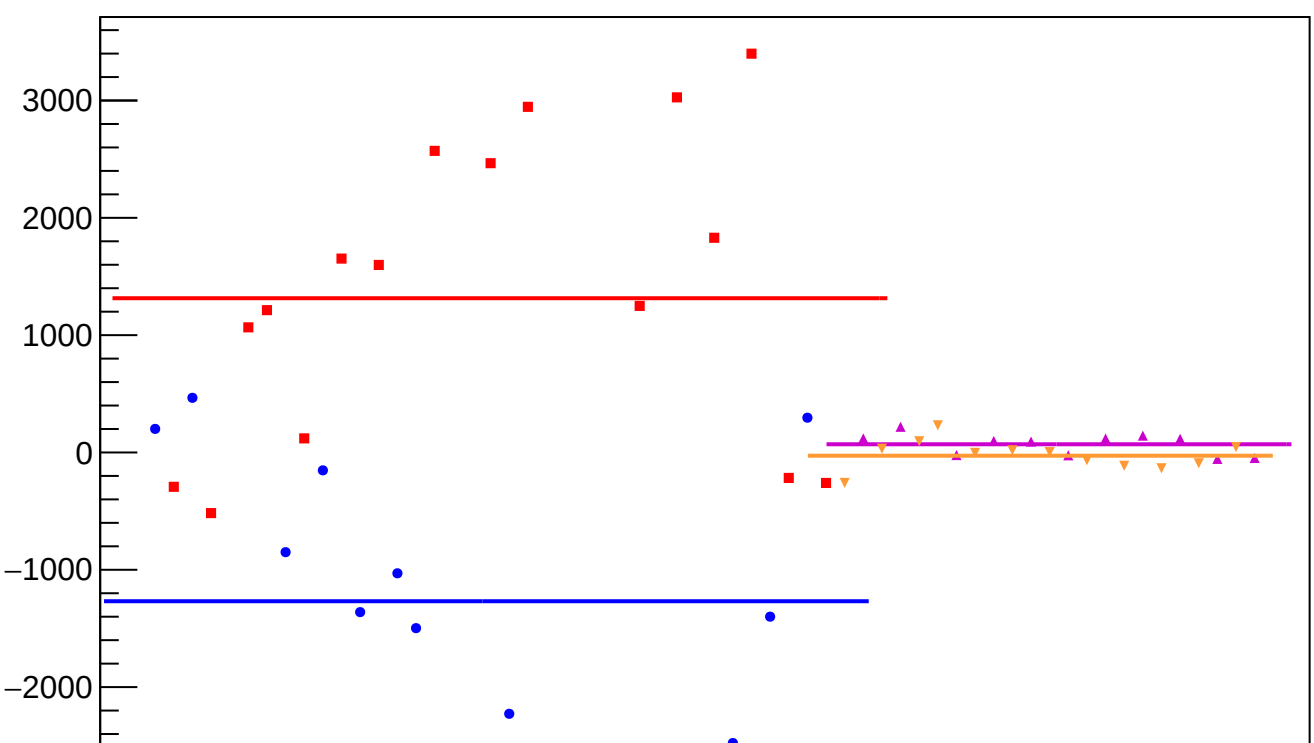
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

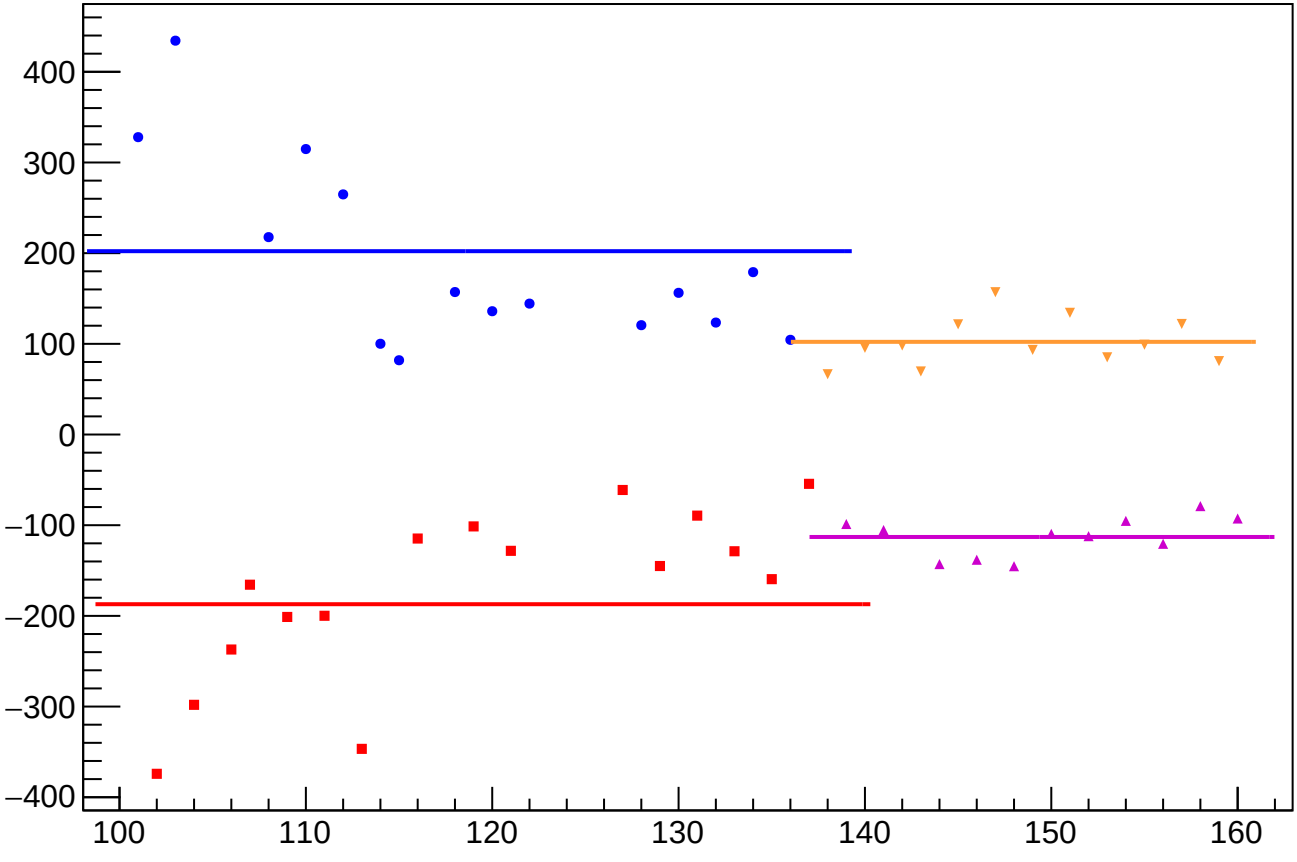
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

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

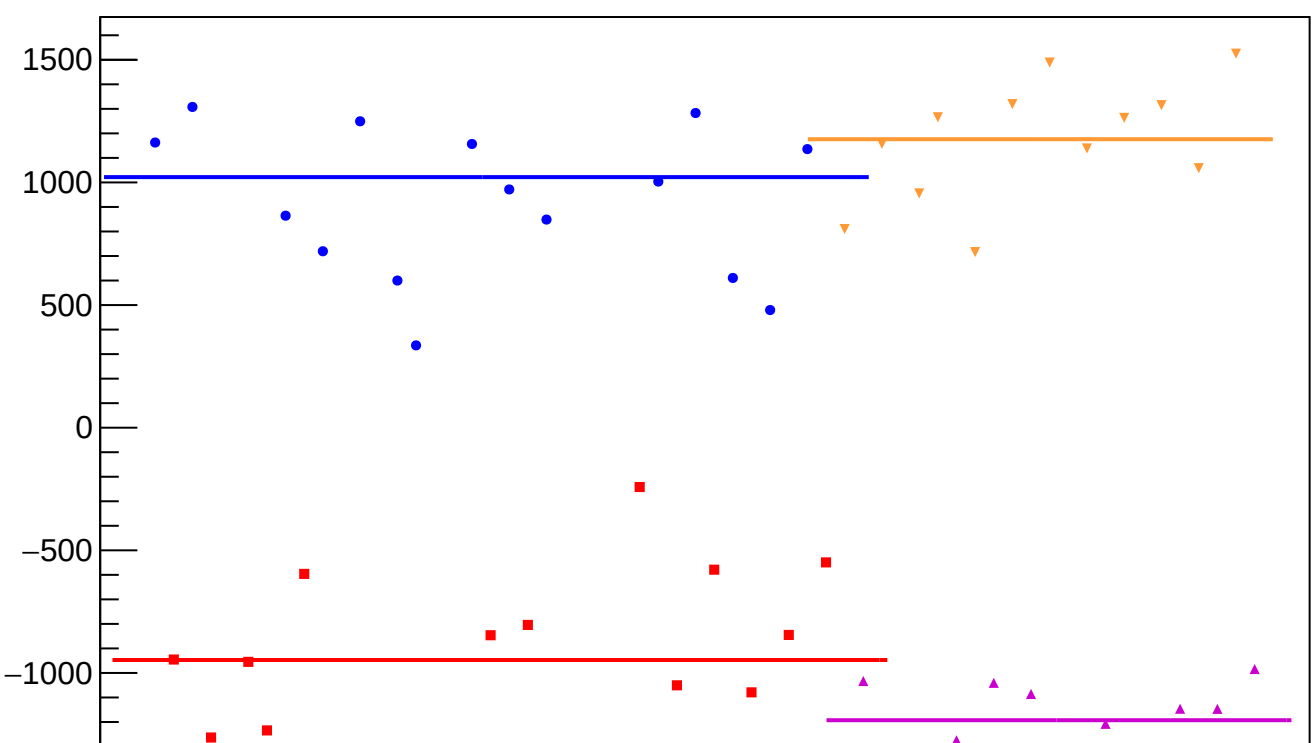
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

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

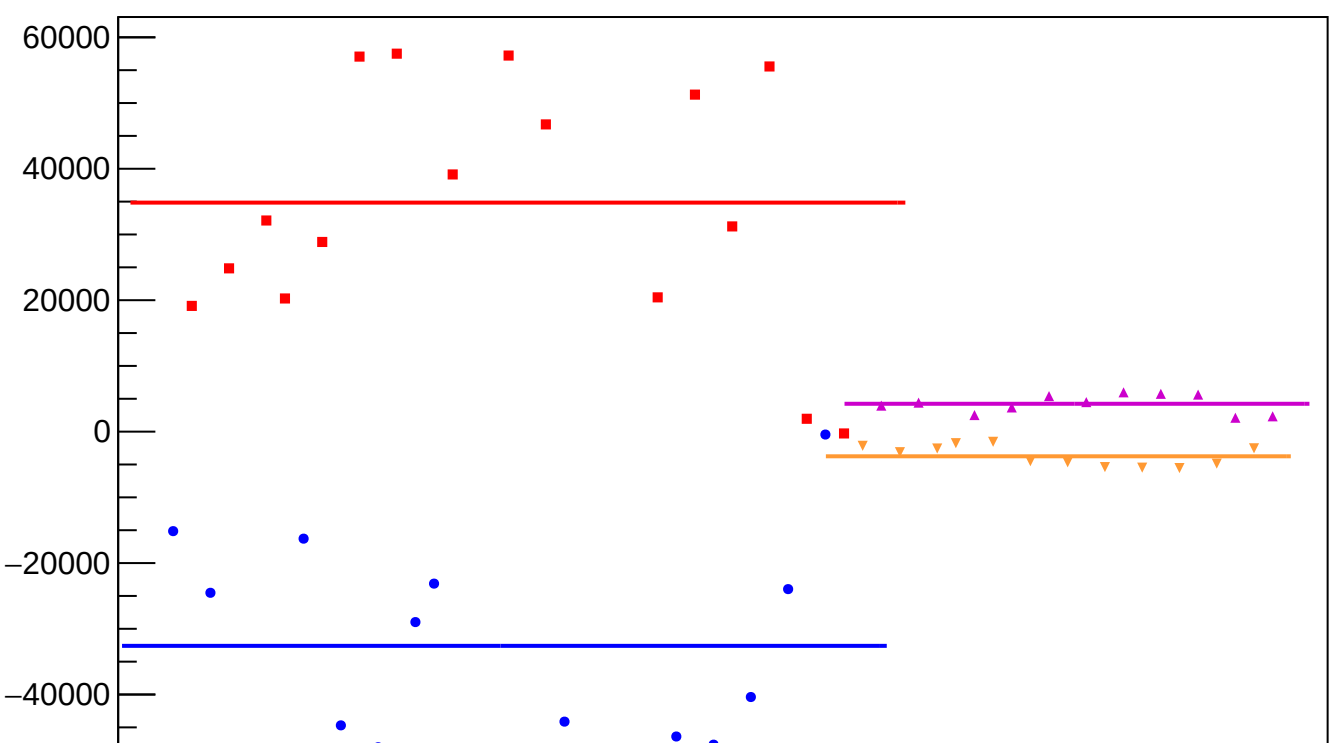
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

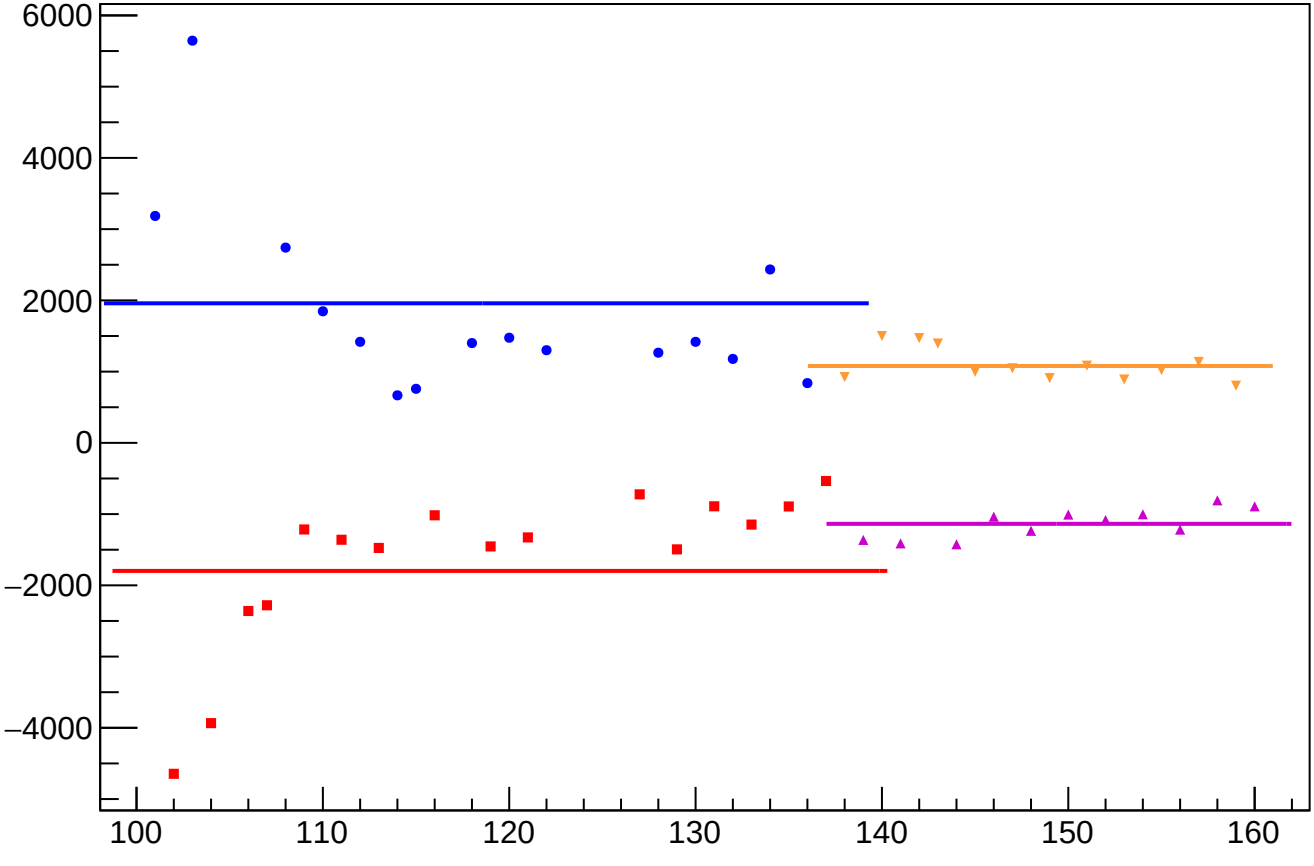
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15

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

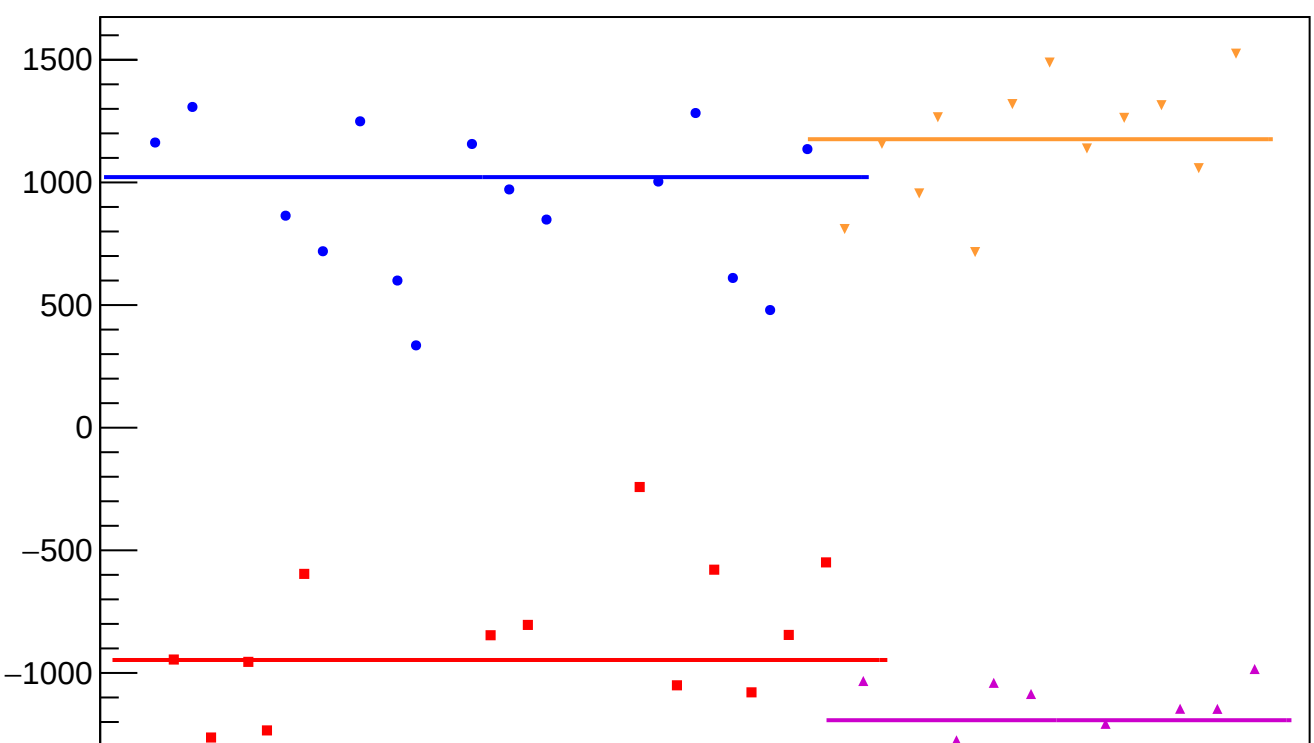
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

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

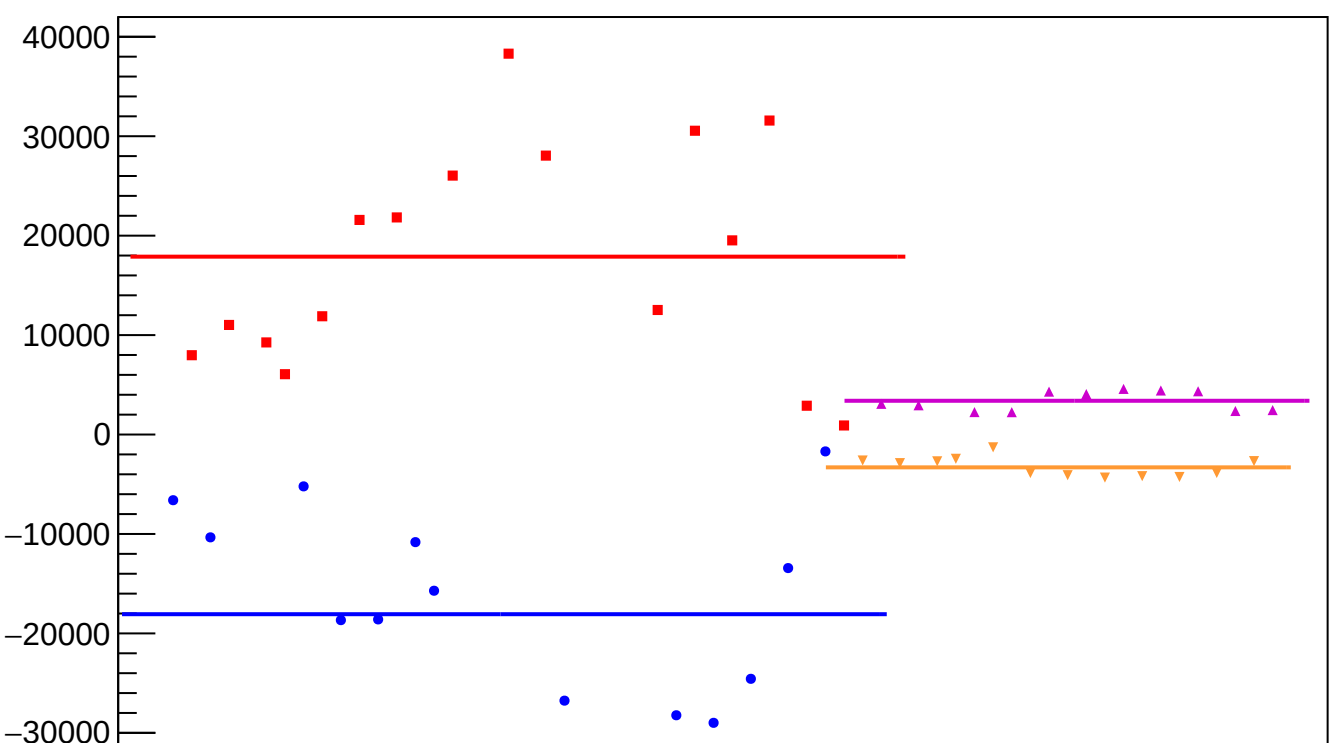
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

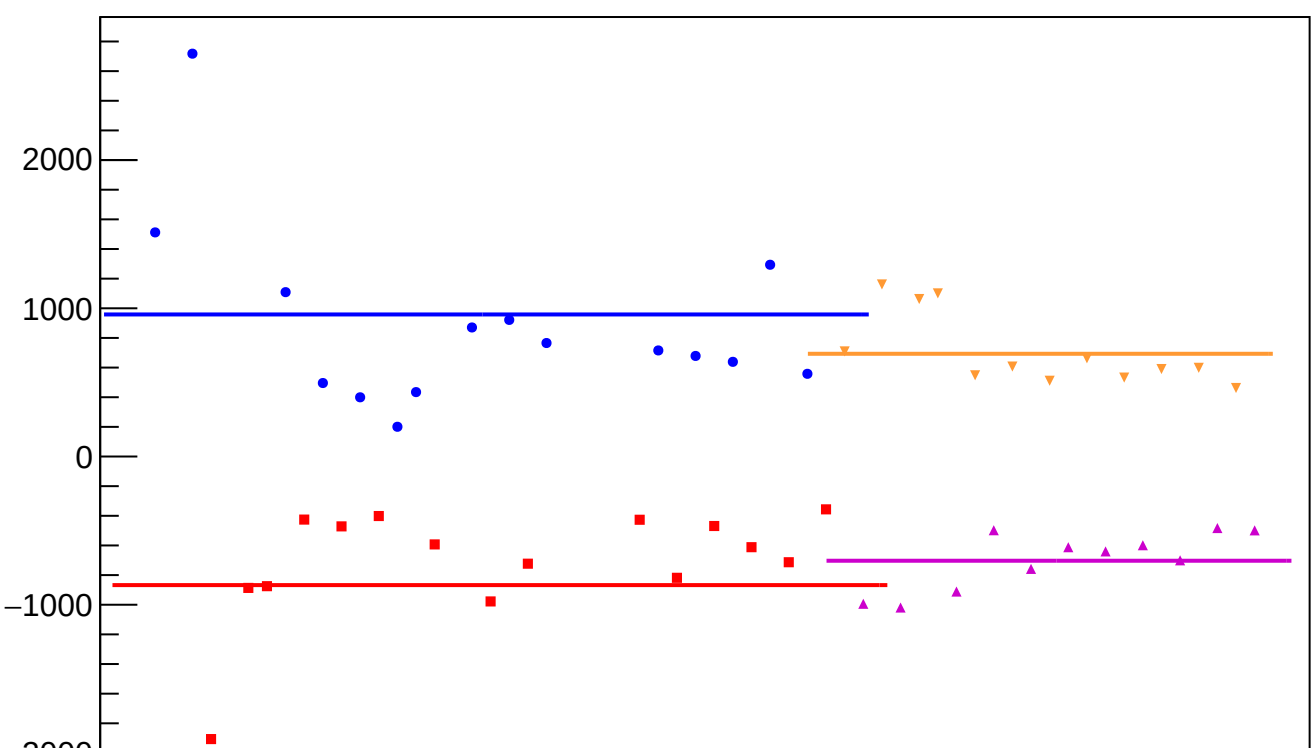
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

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

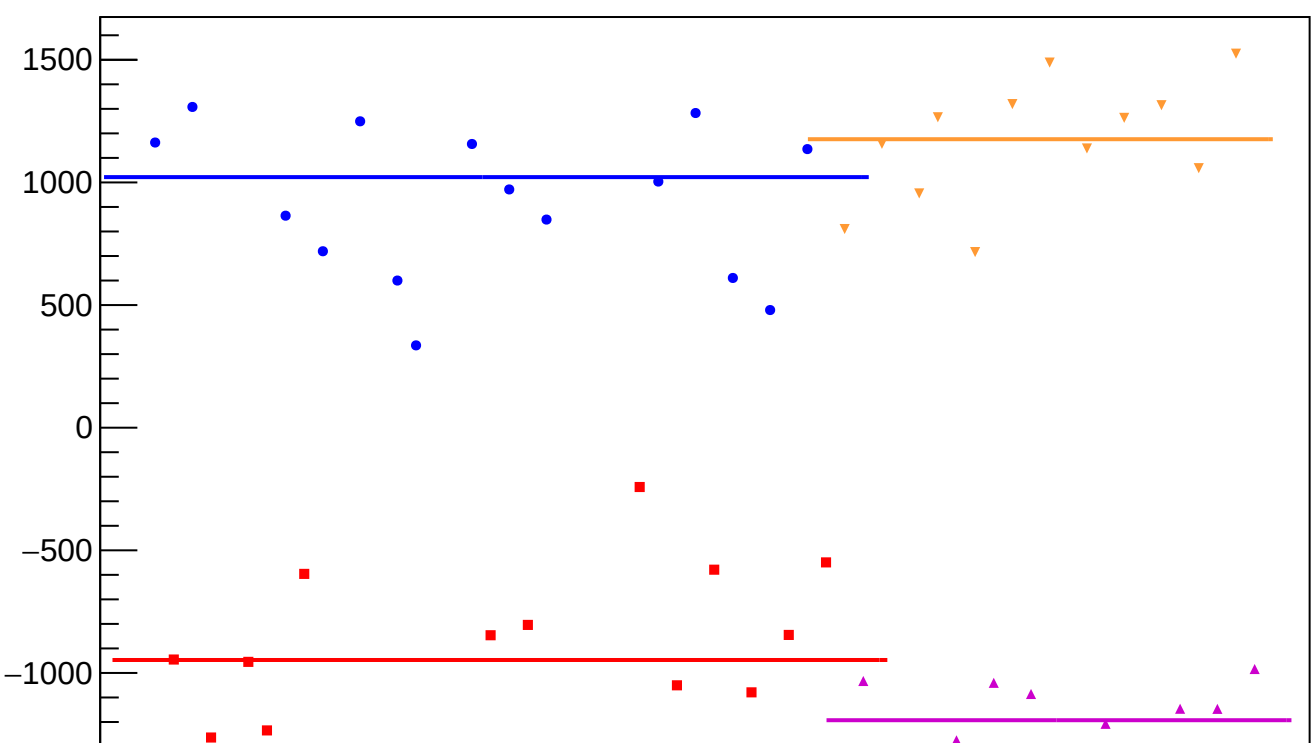
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

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

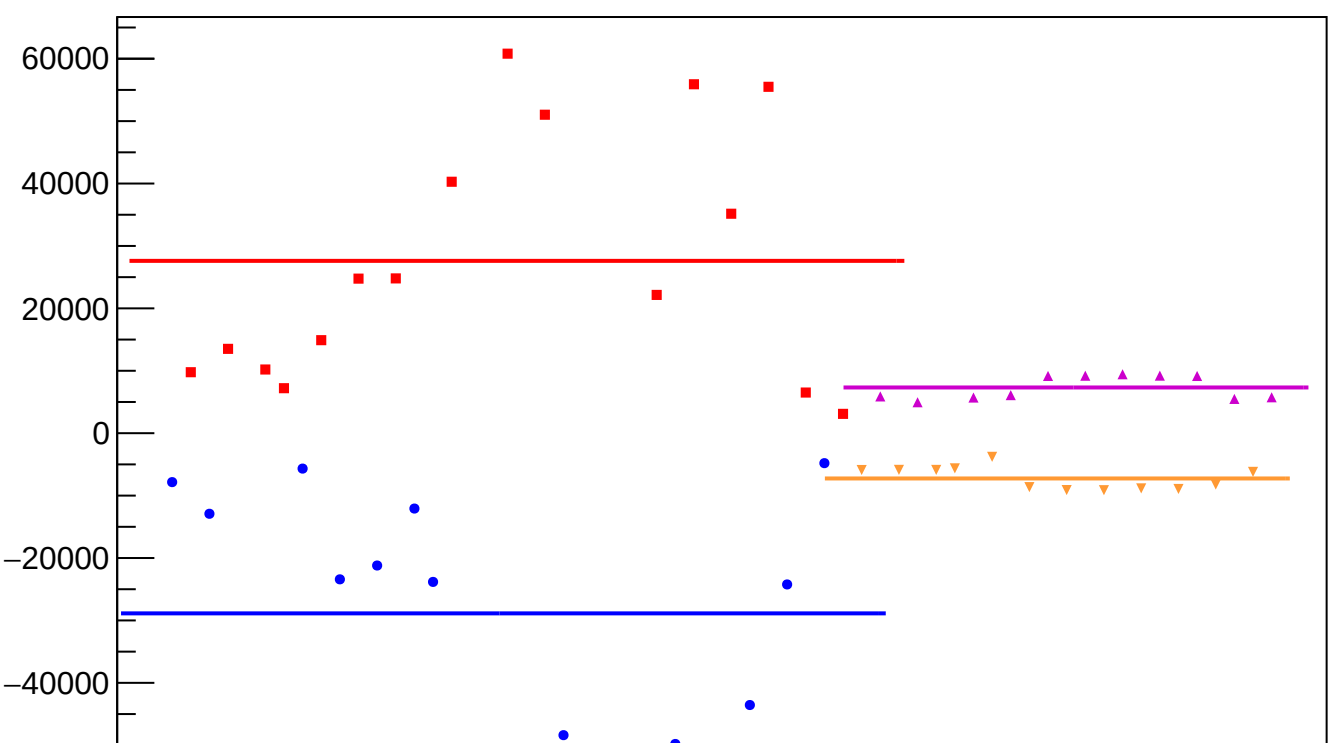
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

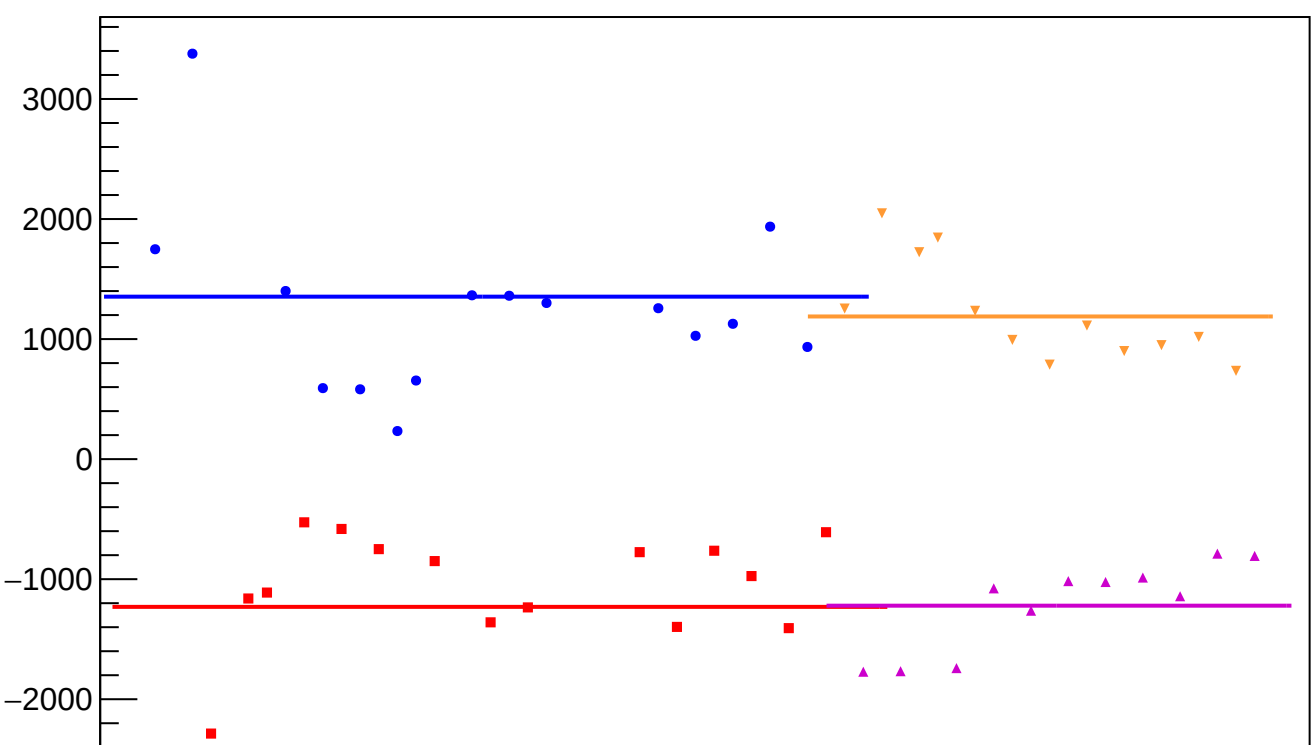
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

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

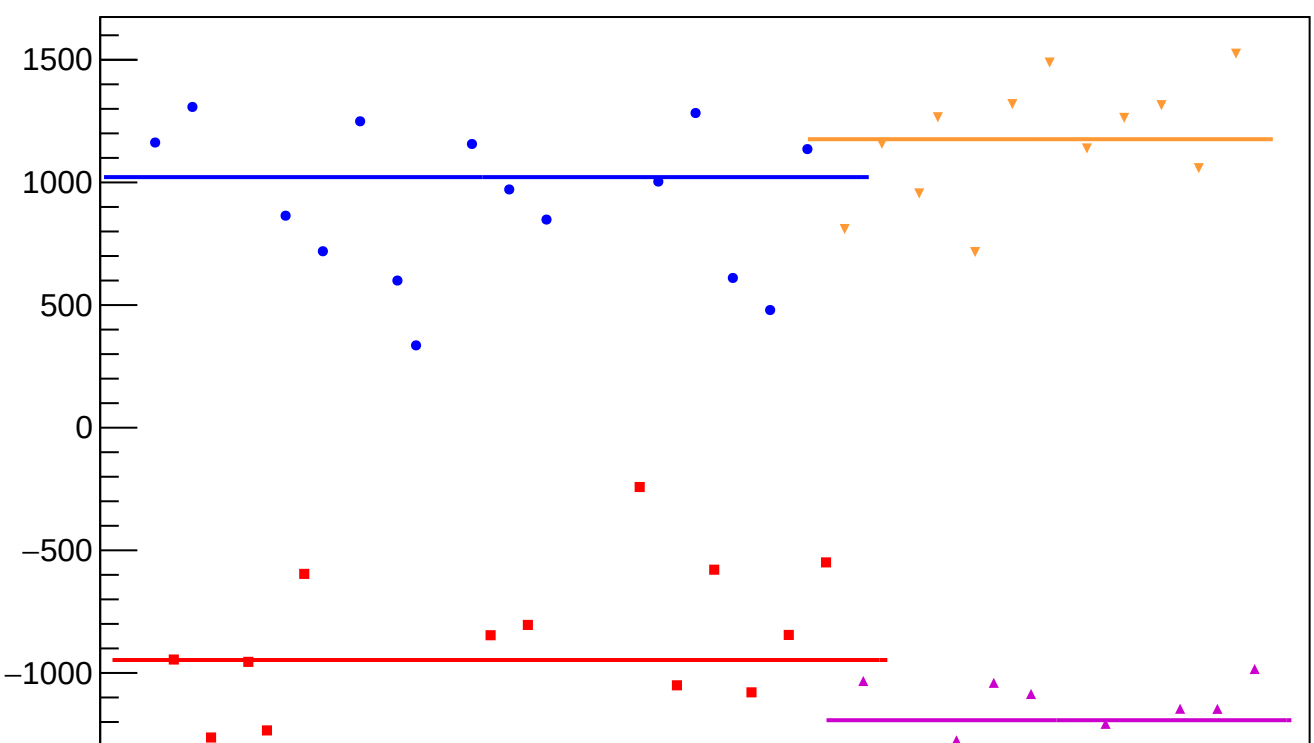
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

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

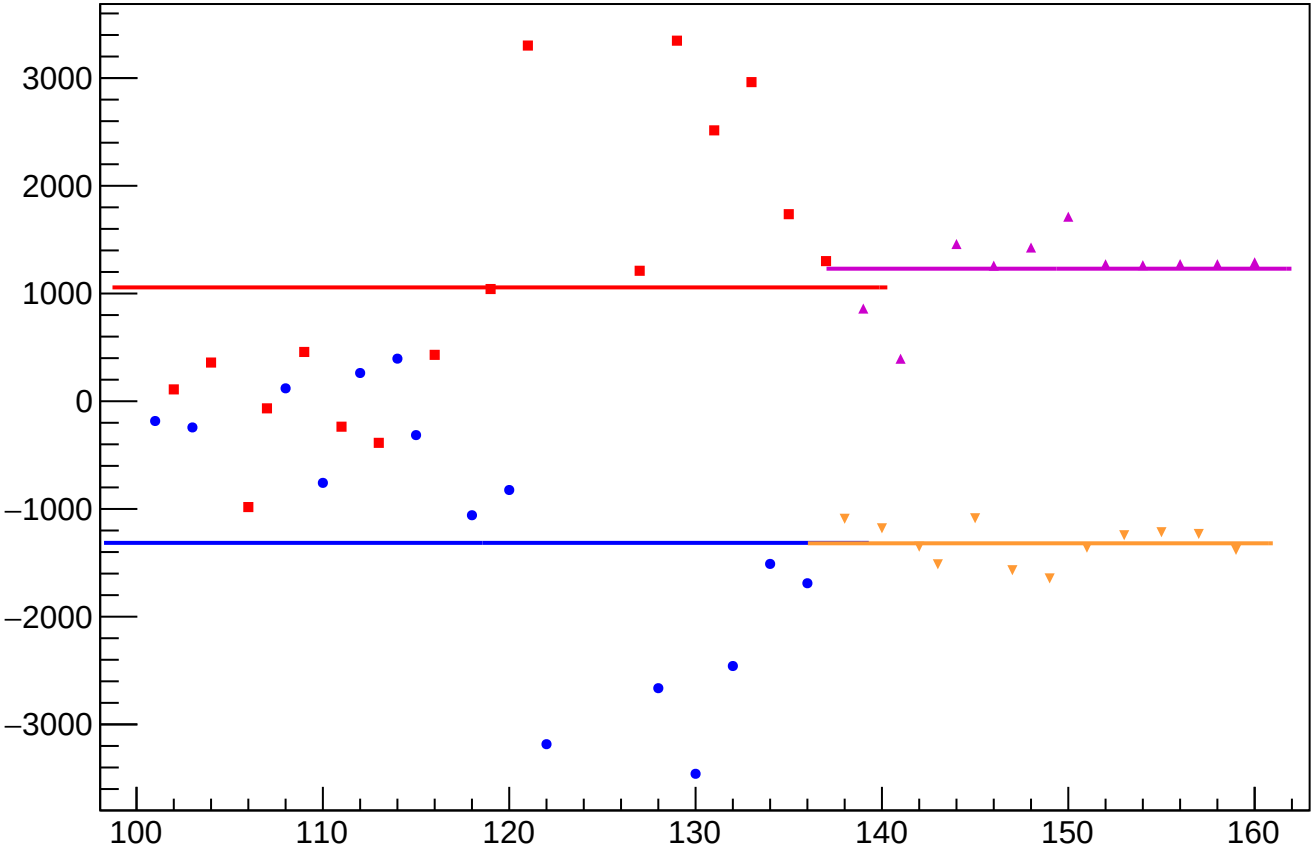
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

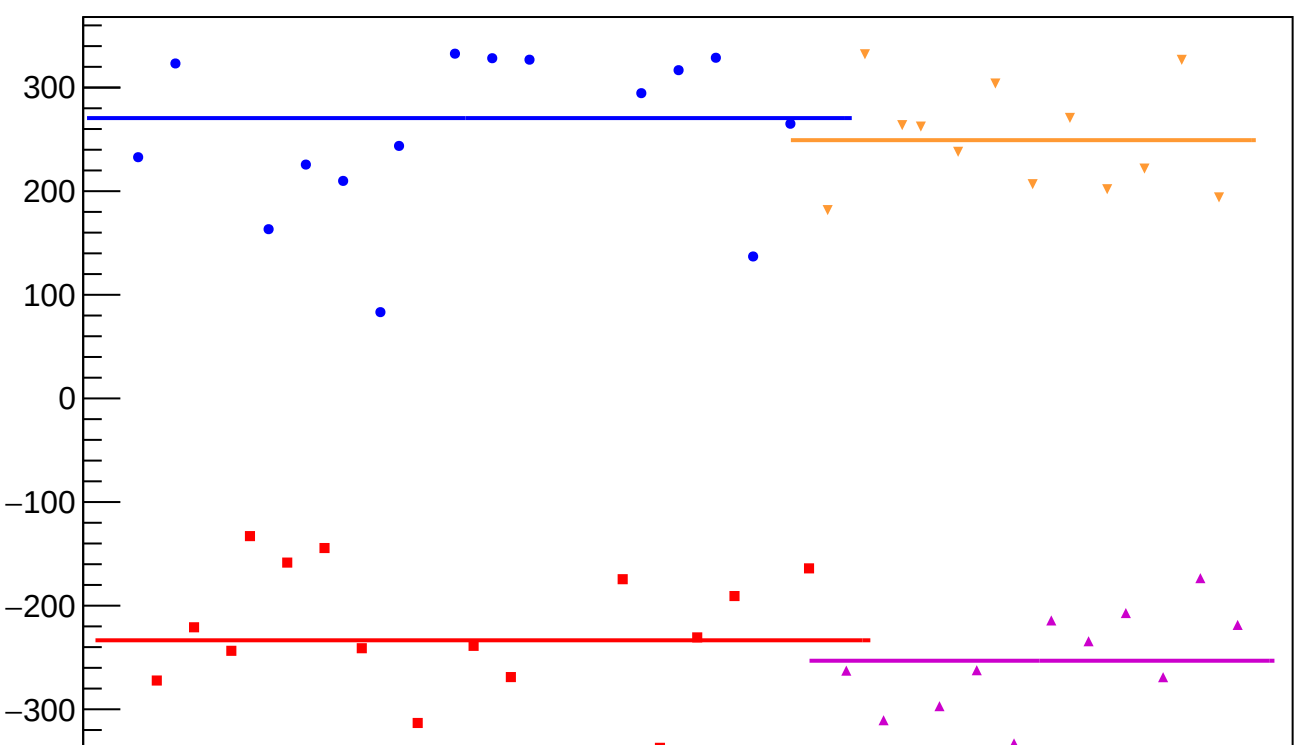
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15

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

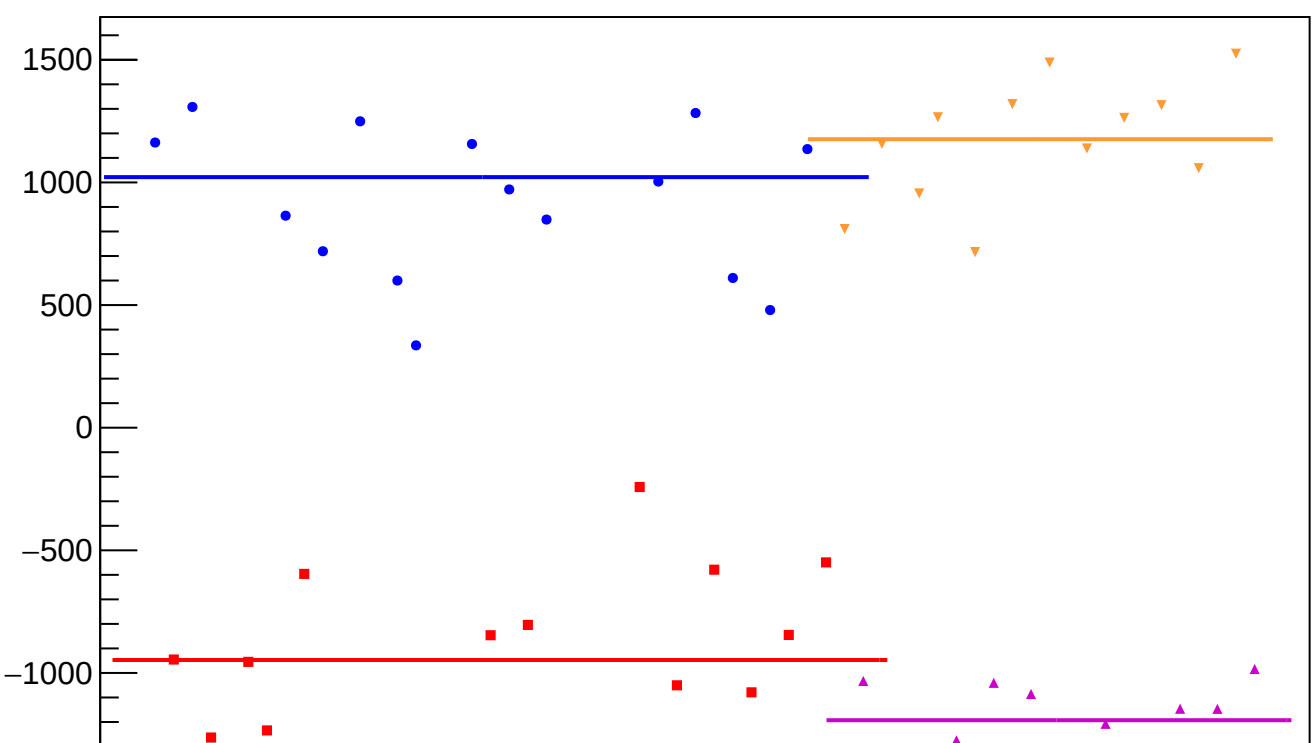
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

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

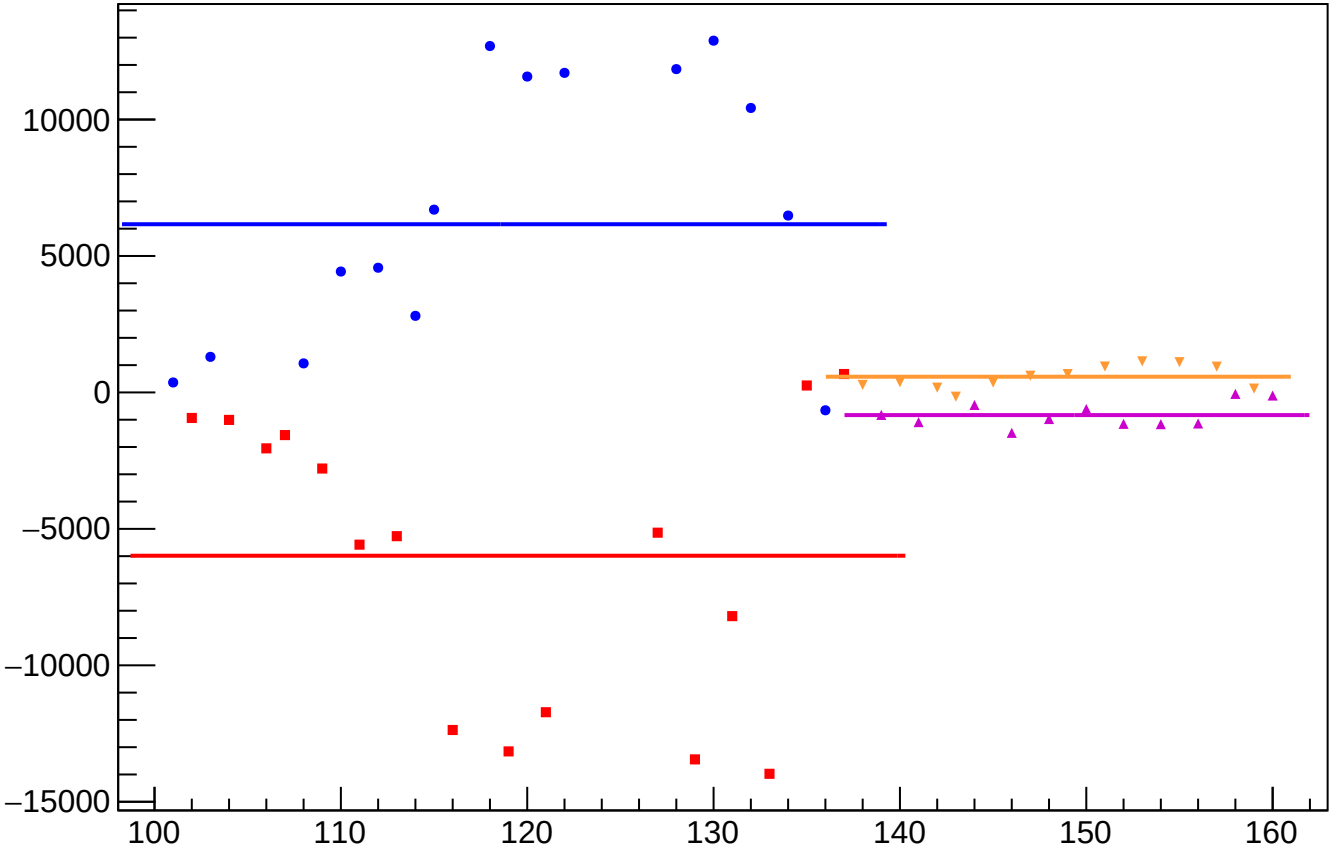
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

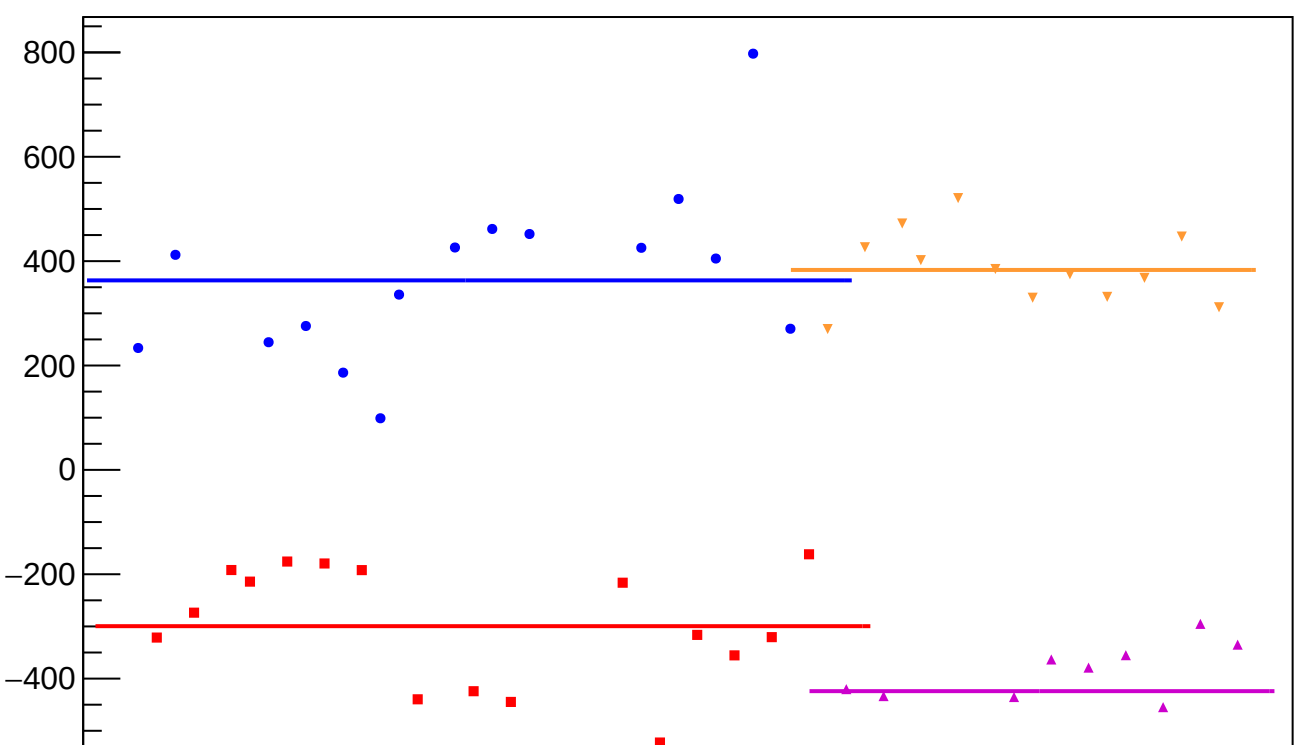
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

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

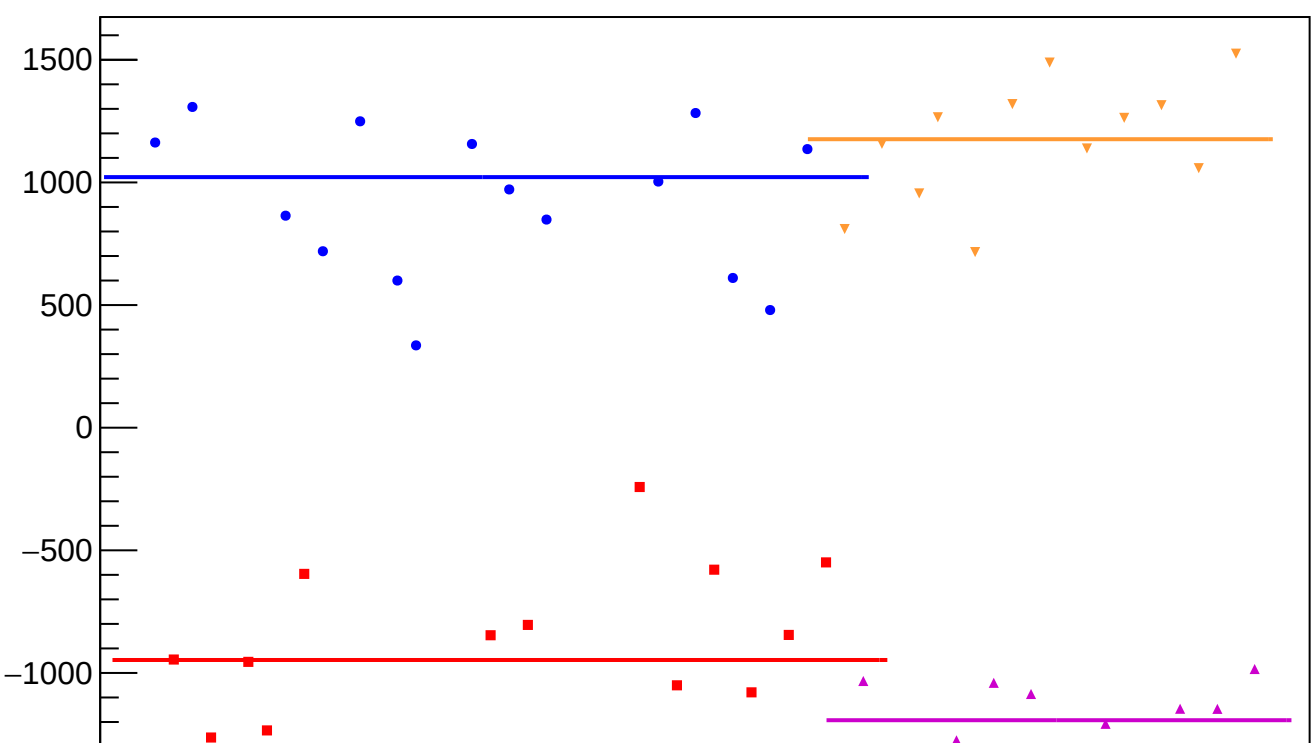
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

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

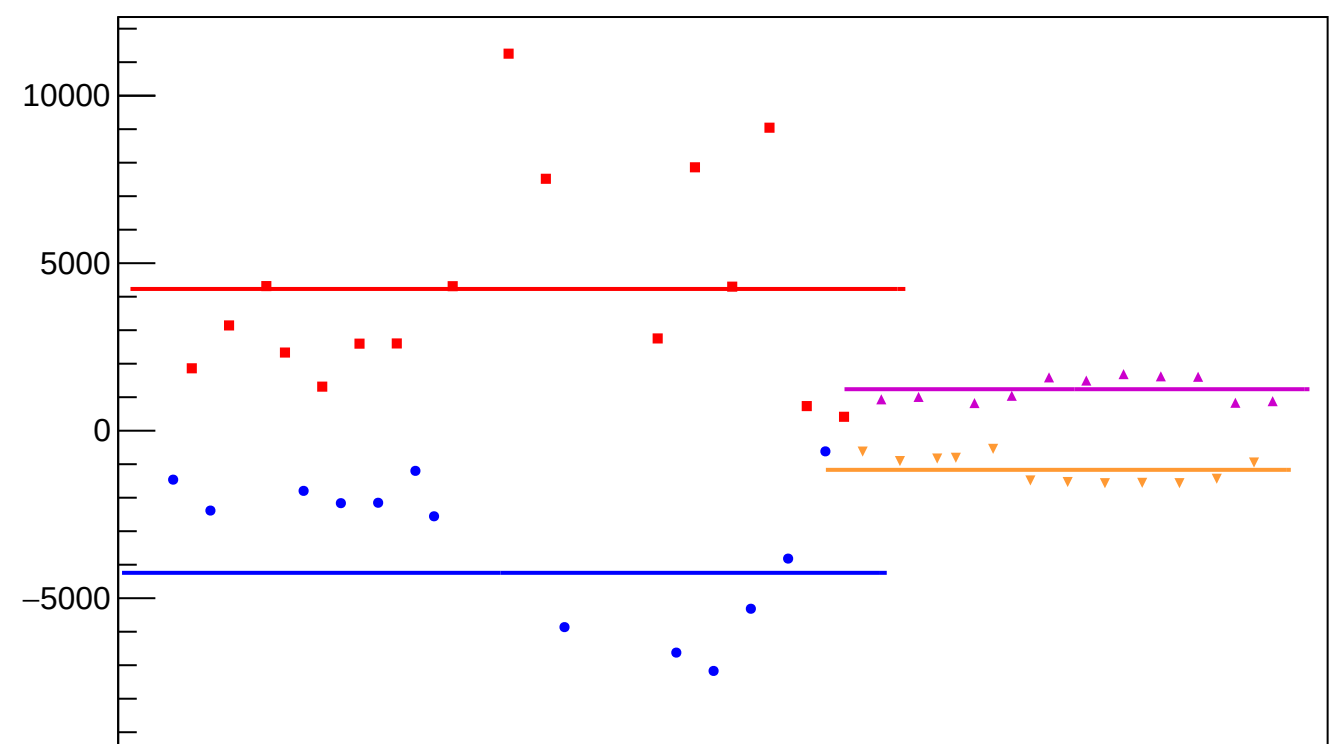
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

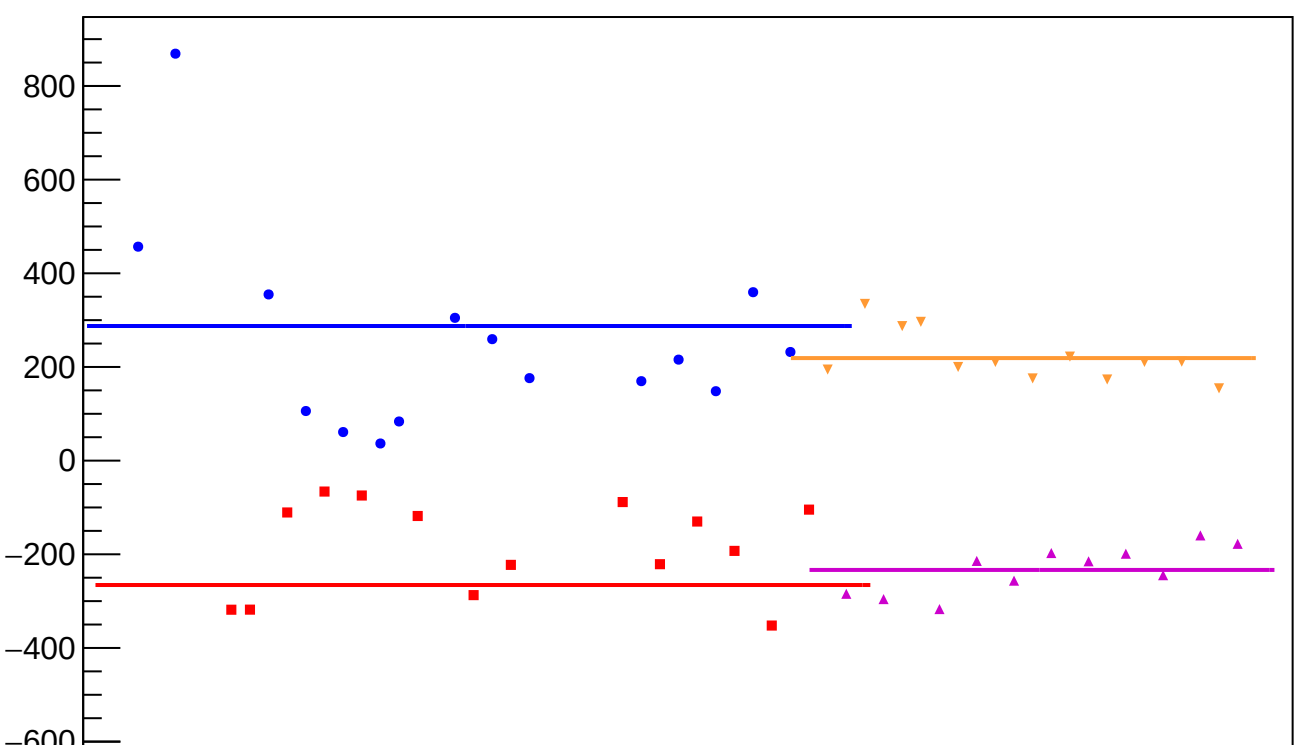
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

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

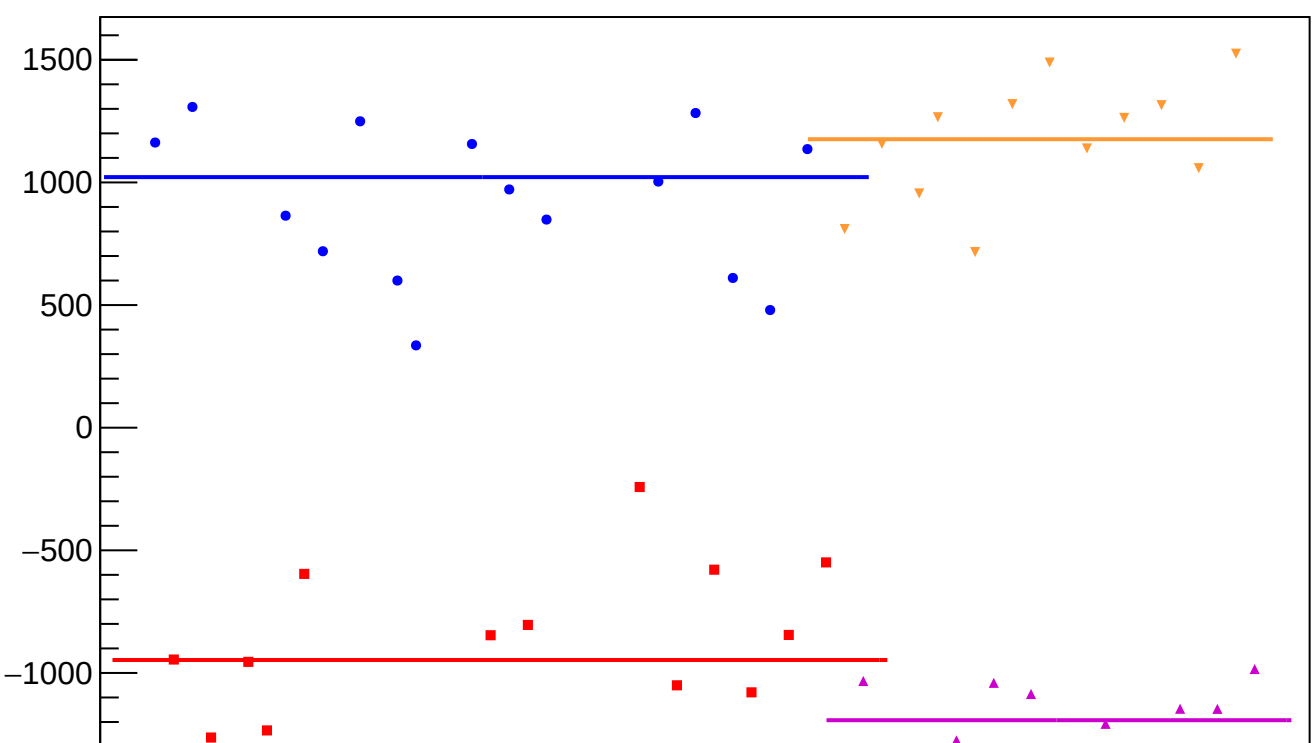
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

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

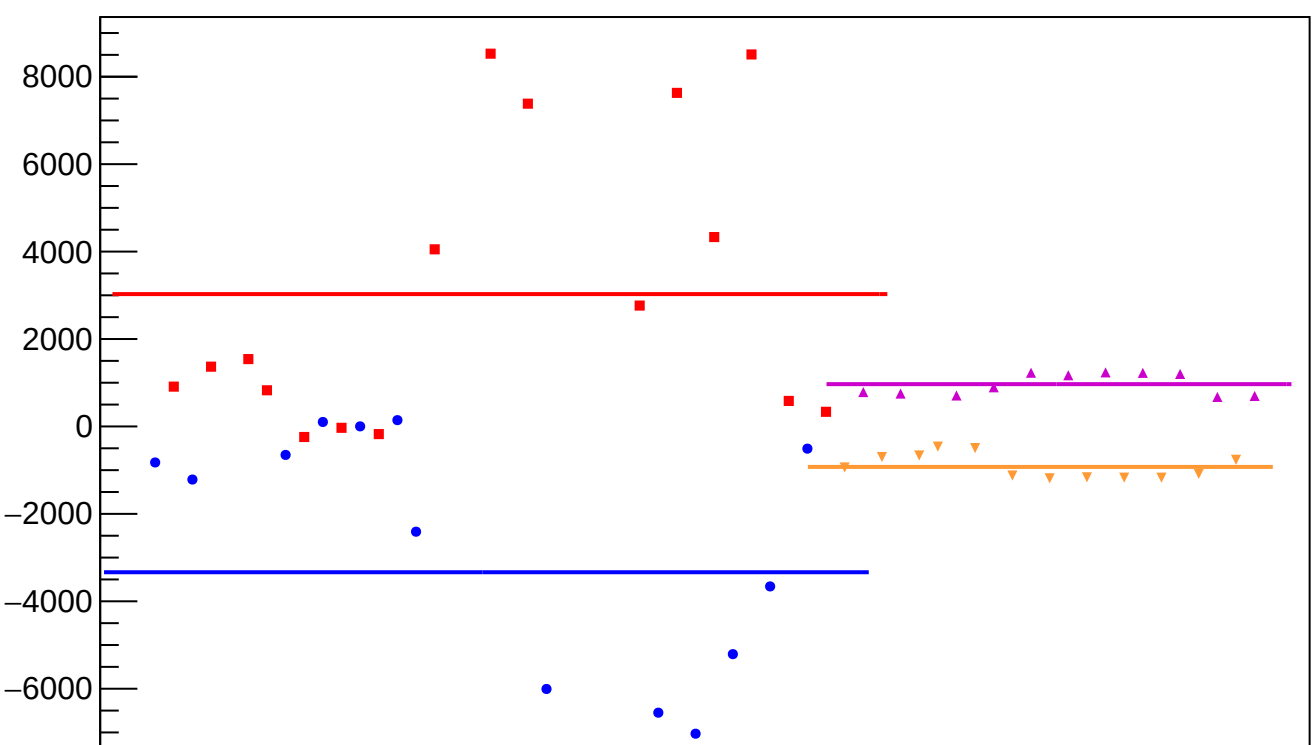
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

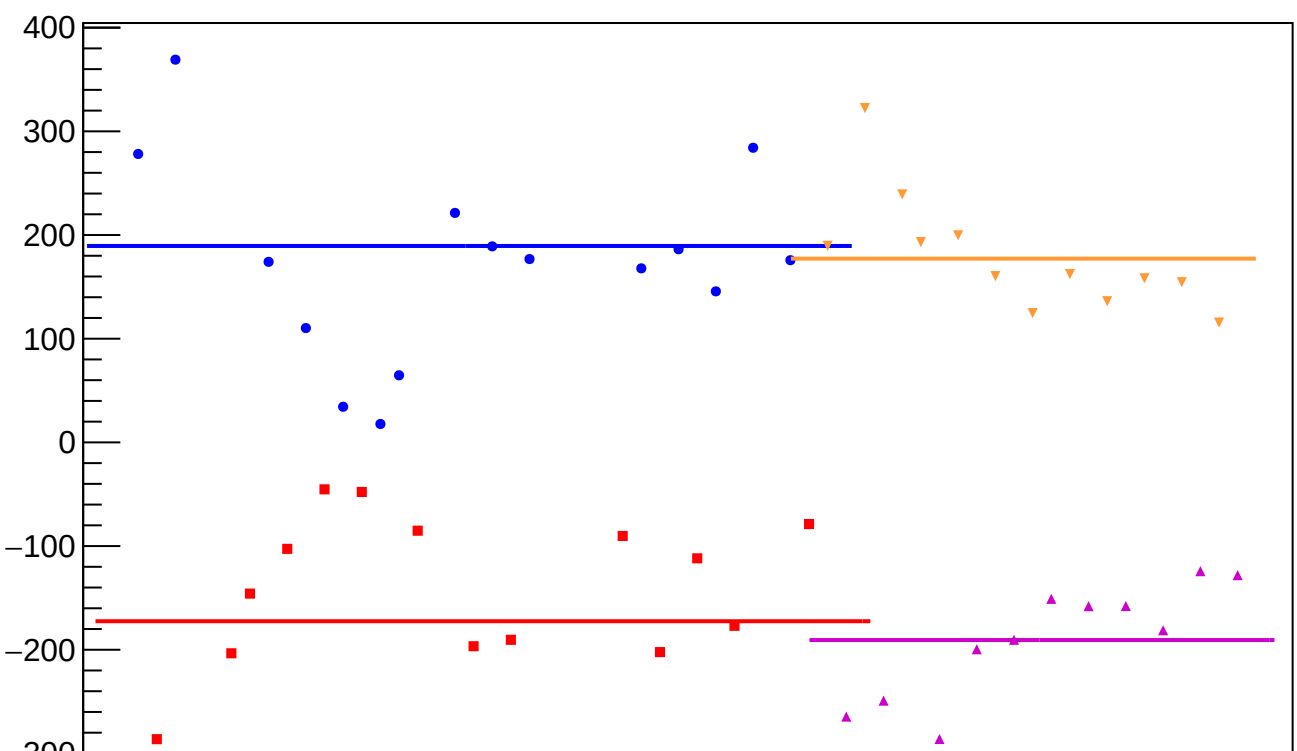
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam8_coil7_mean vs Slug, Sign Corrected



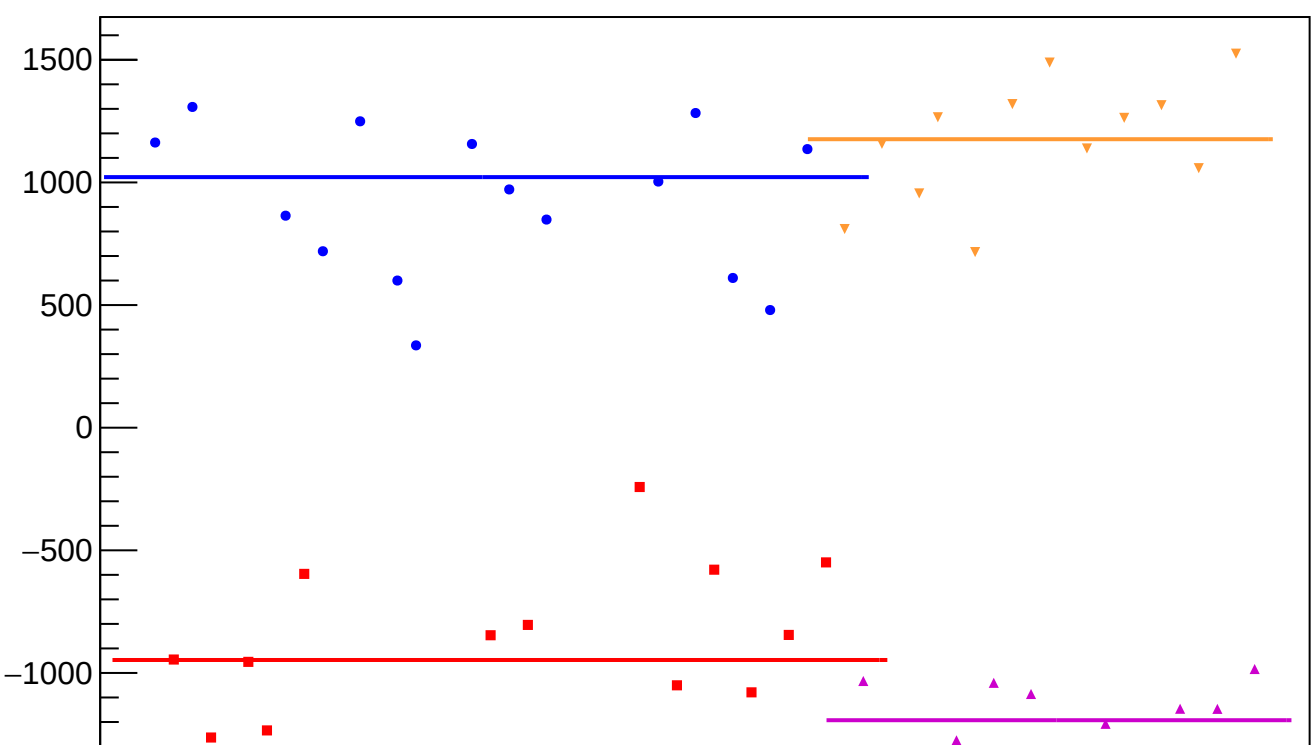
Left: 24.472+/-0.000 χ^2/NDF: 1765470598893566
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -925.824+/-0.000 χ^2/NDF:640677990717716544415447758247590625 28.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
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

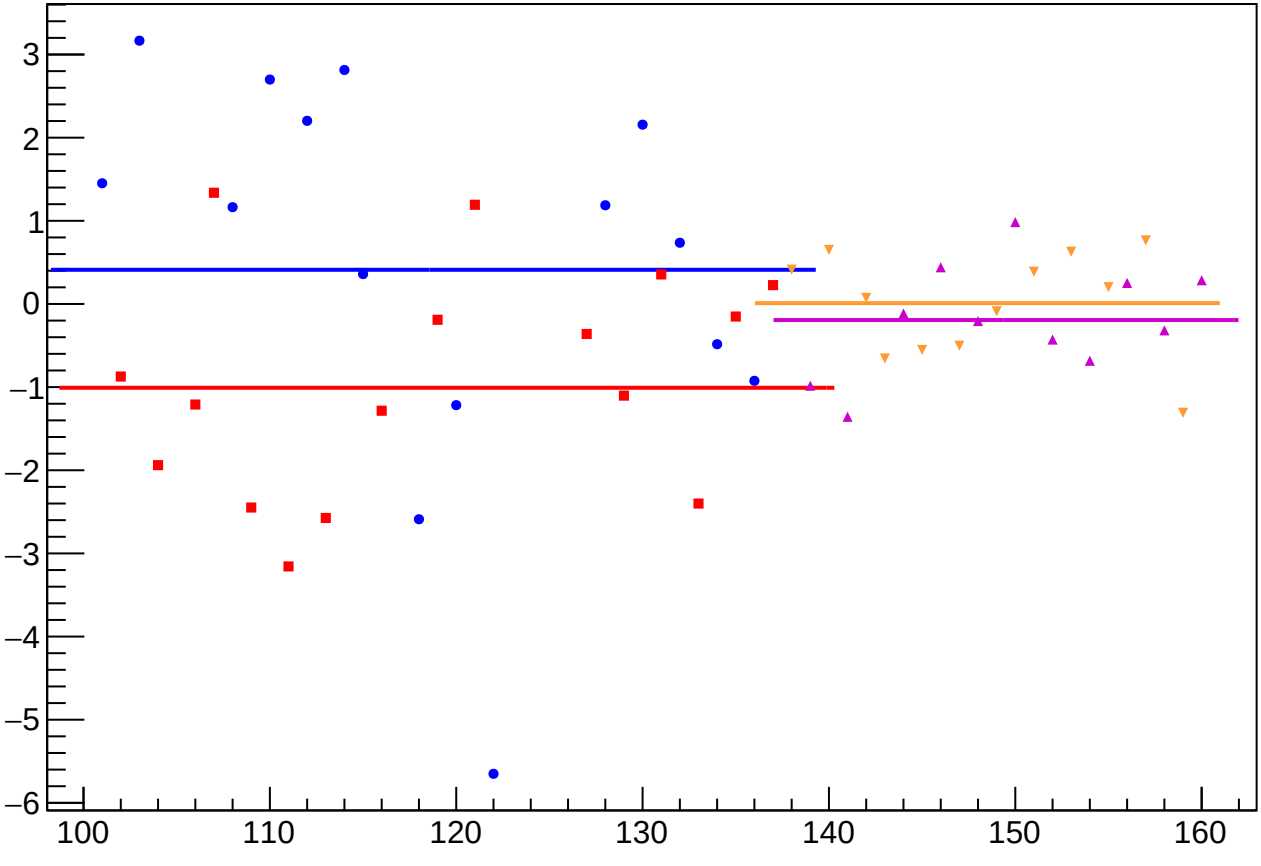
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

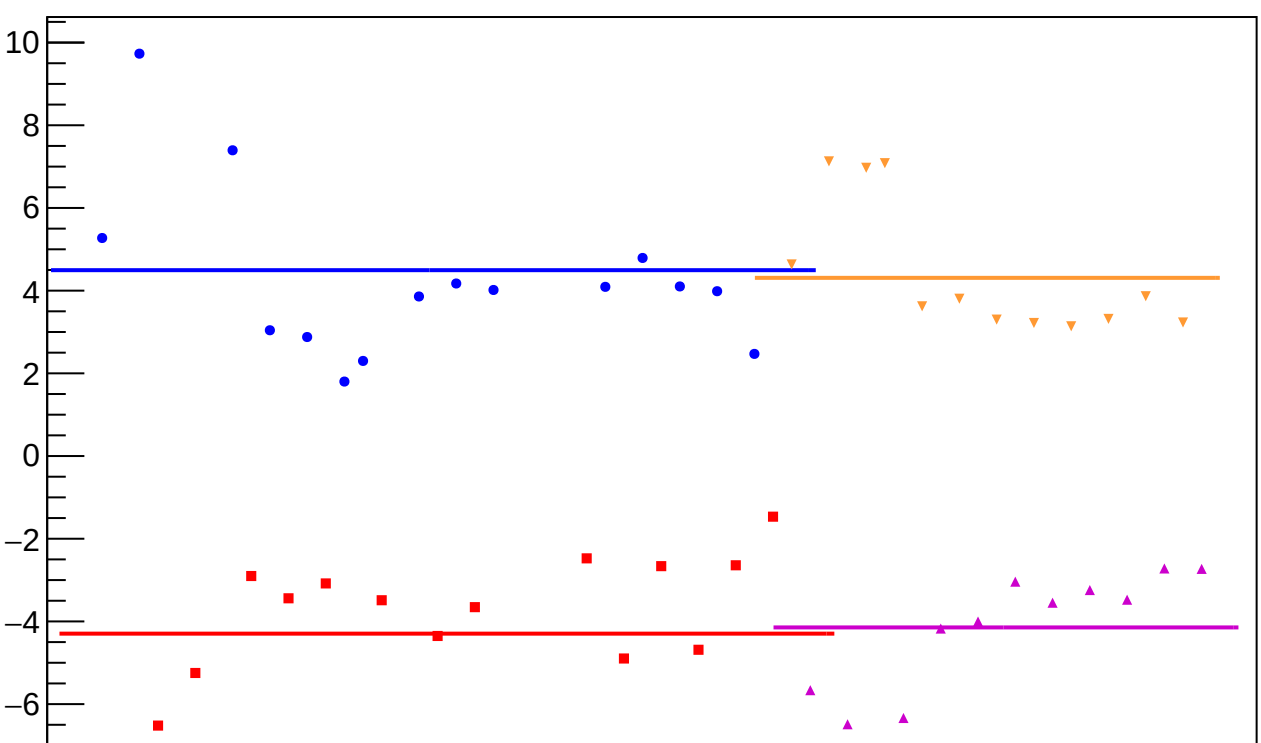
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

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

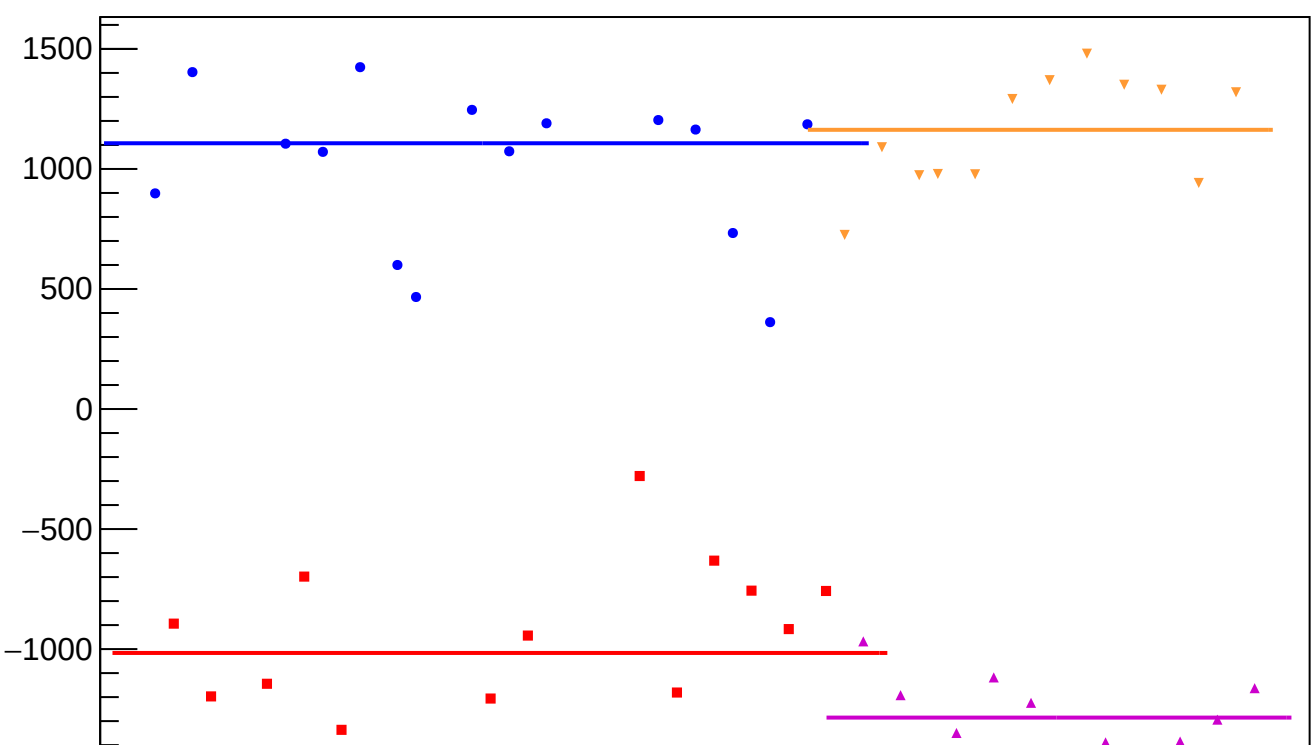
Right Out: -4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

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

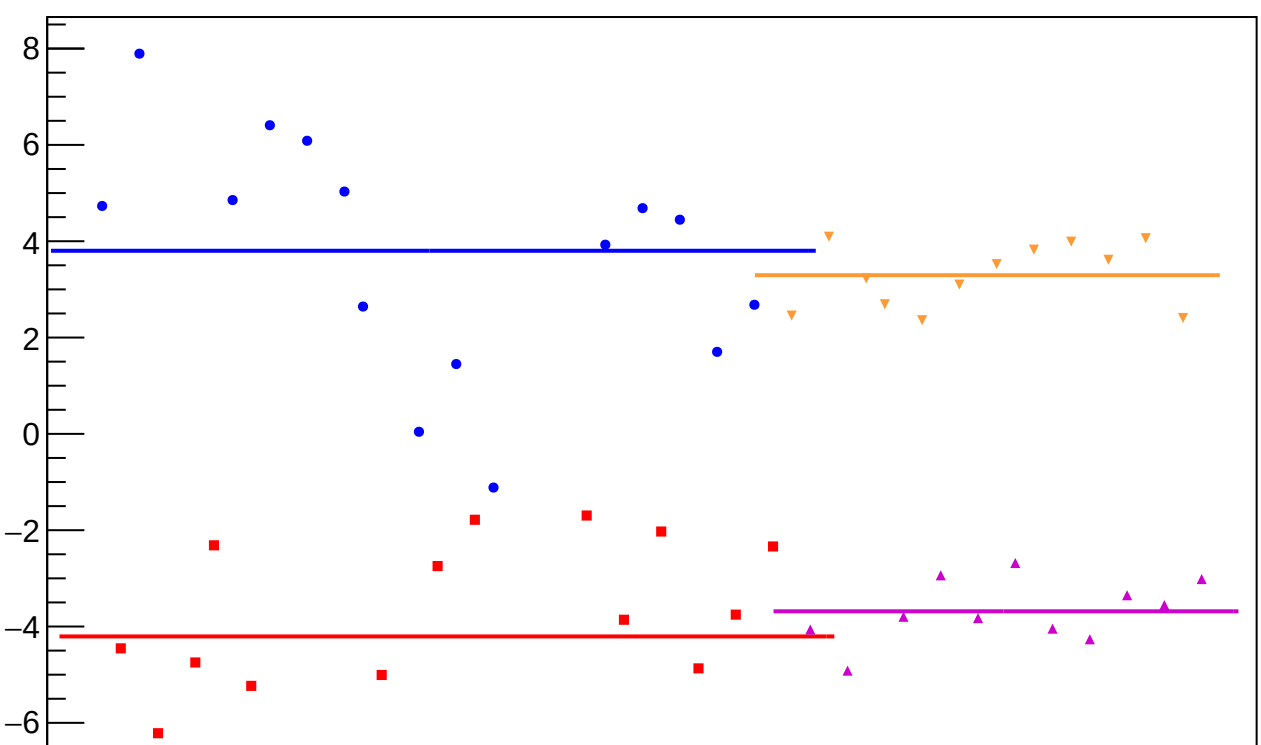
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

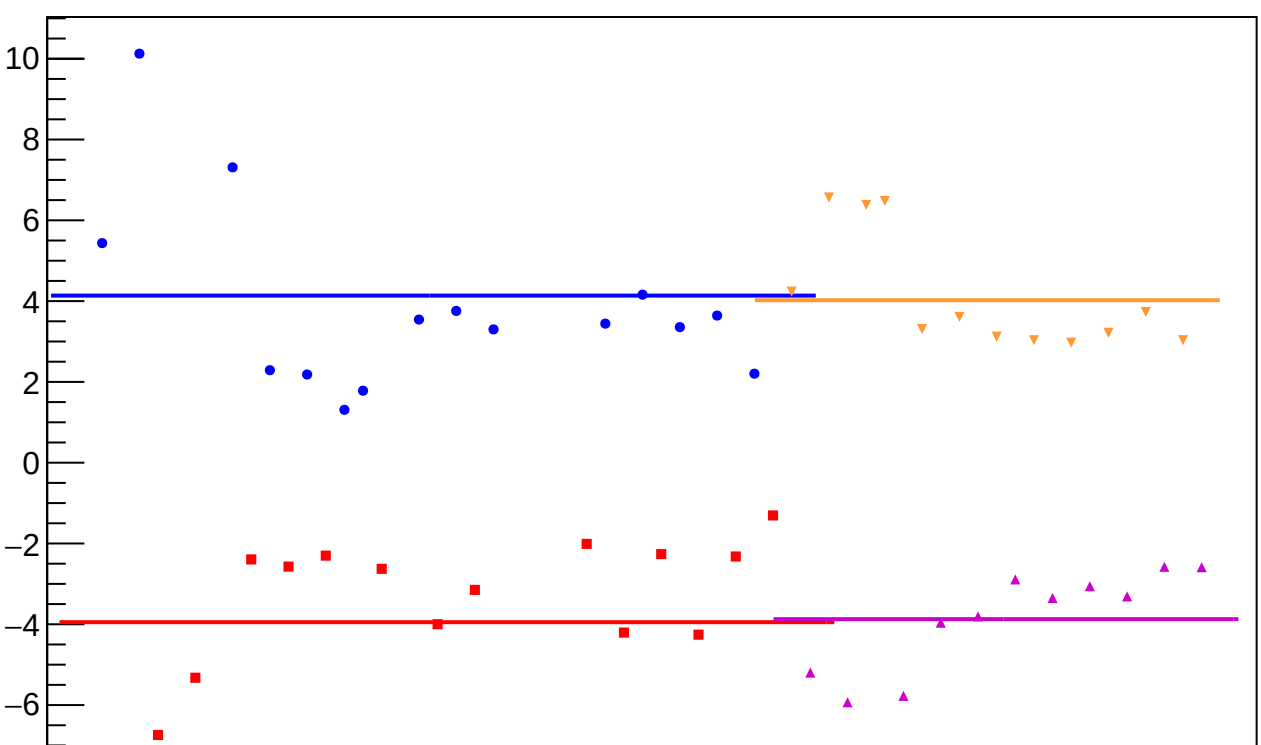
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.136+/-0.000 χ^2/NDF:24209587902616678 8

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

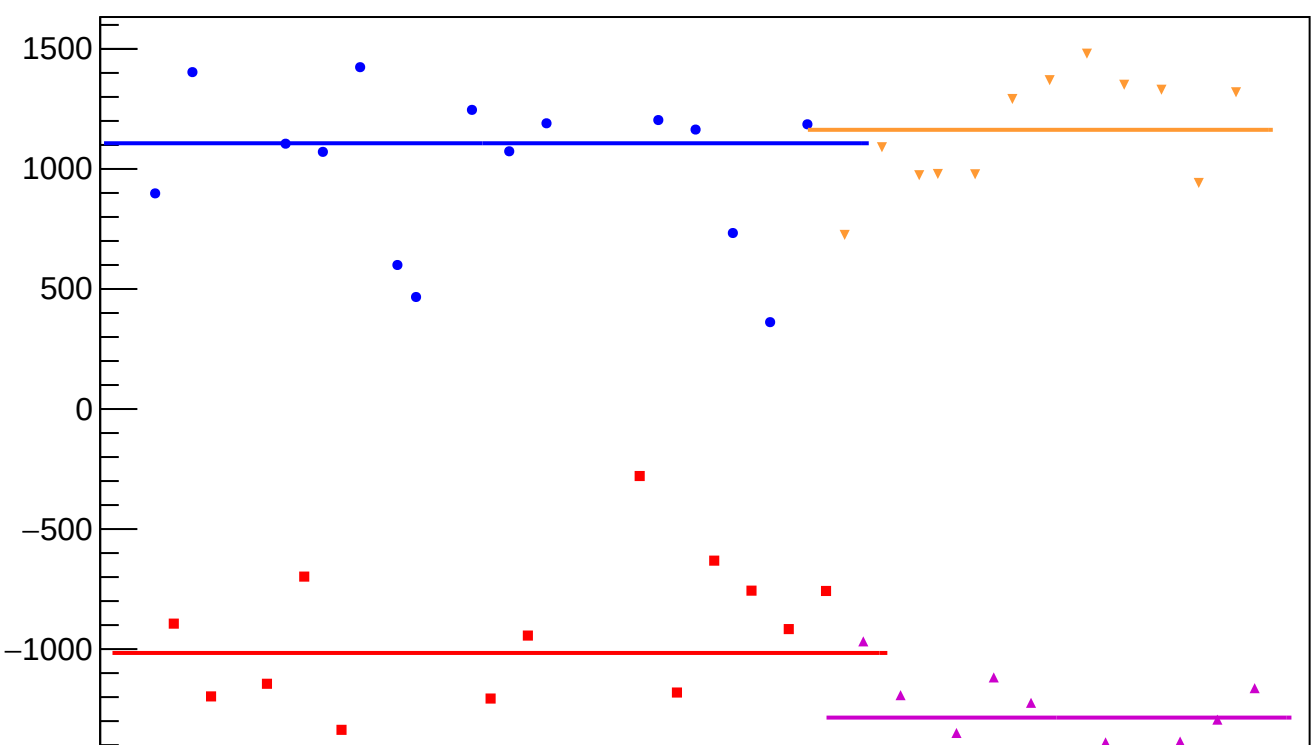
All: -0.228+/-0.000 χ^2/NDF: 5015899532000

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

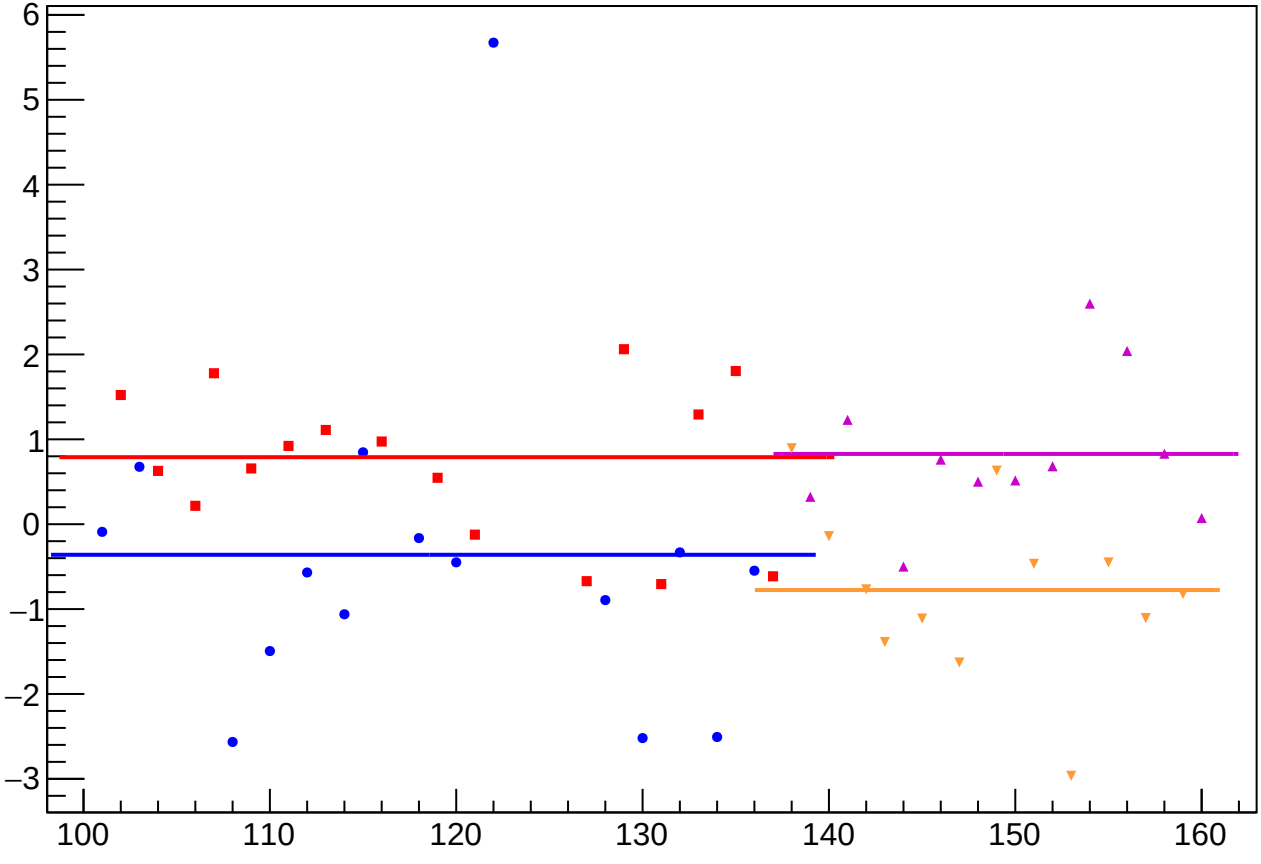
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

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

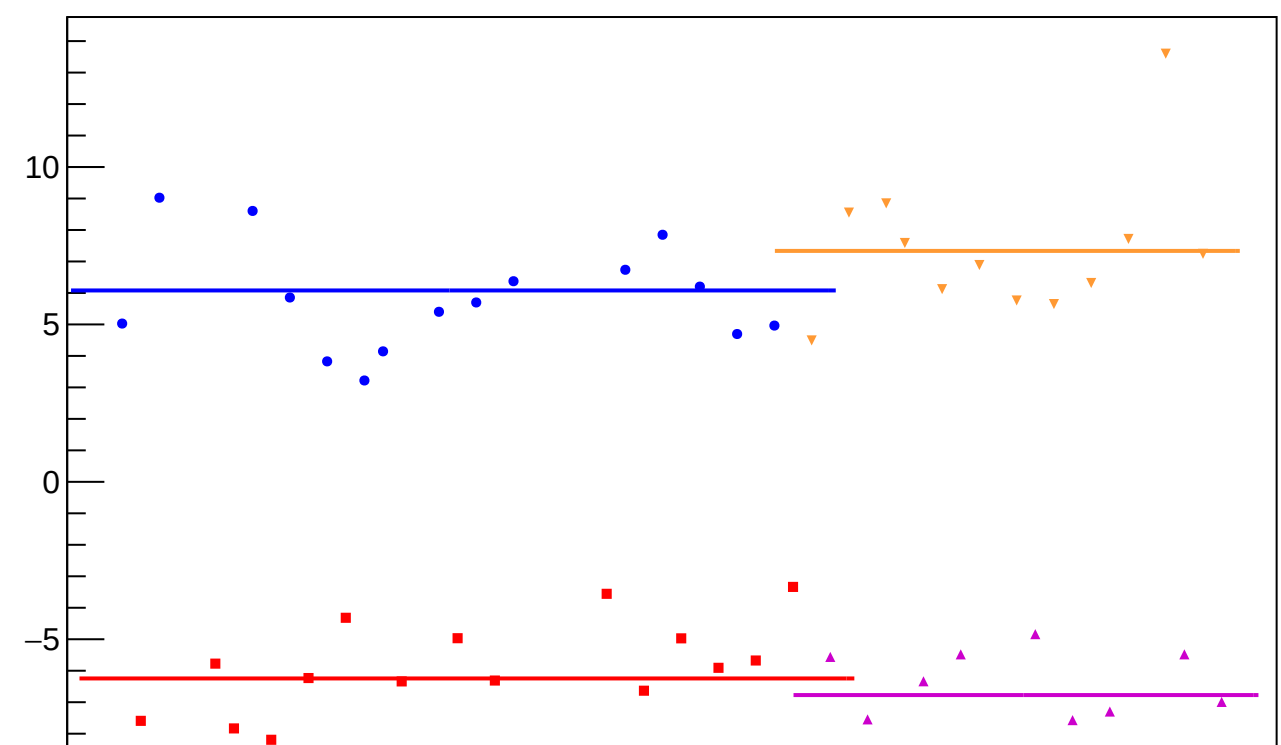
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2348842745160483 7

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

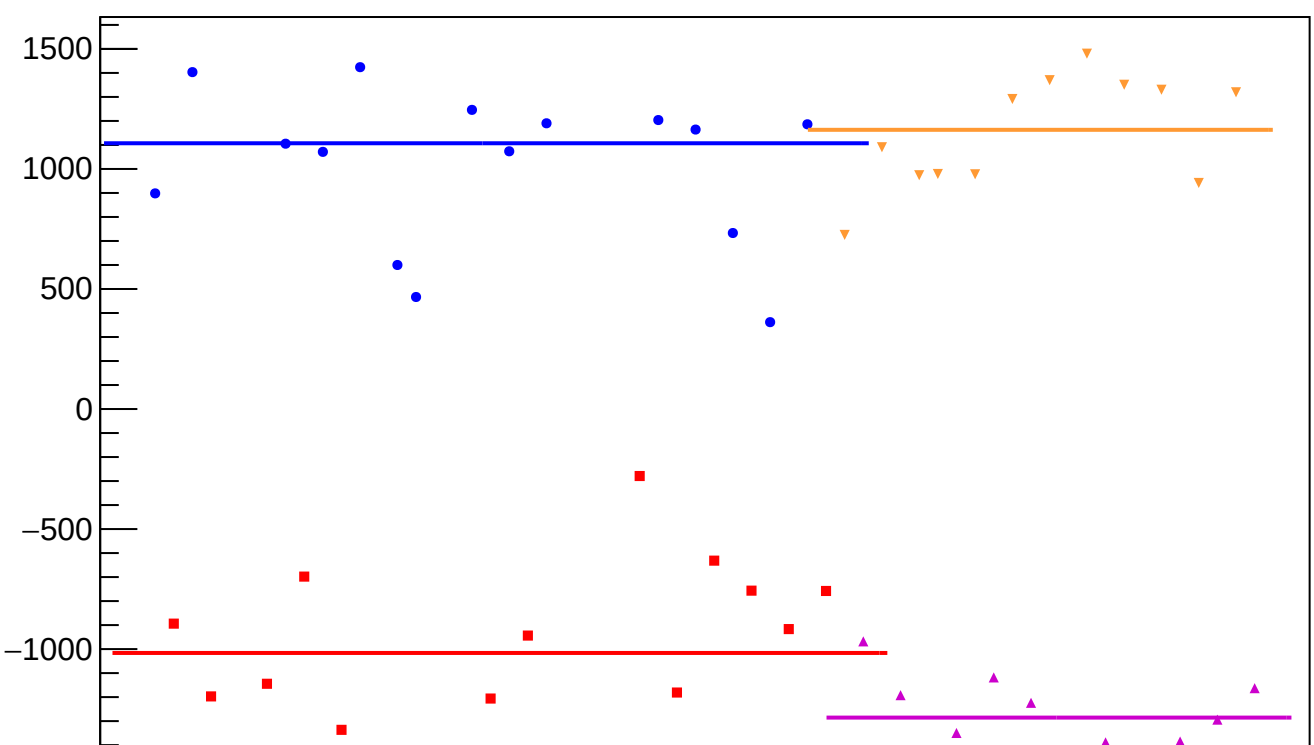
All: 0.110+/-0.000 χ^2/NDF: 5880508414853 6

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

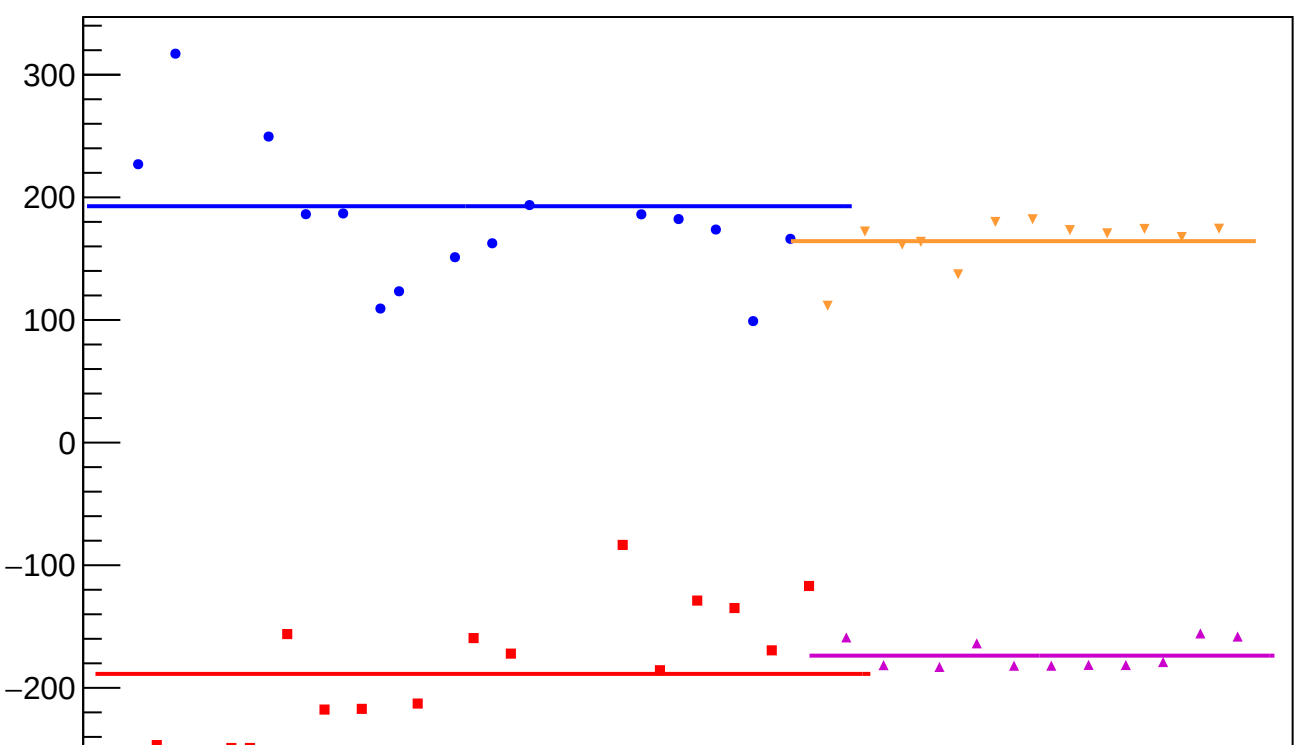
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

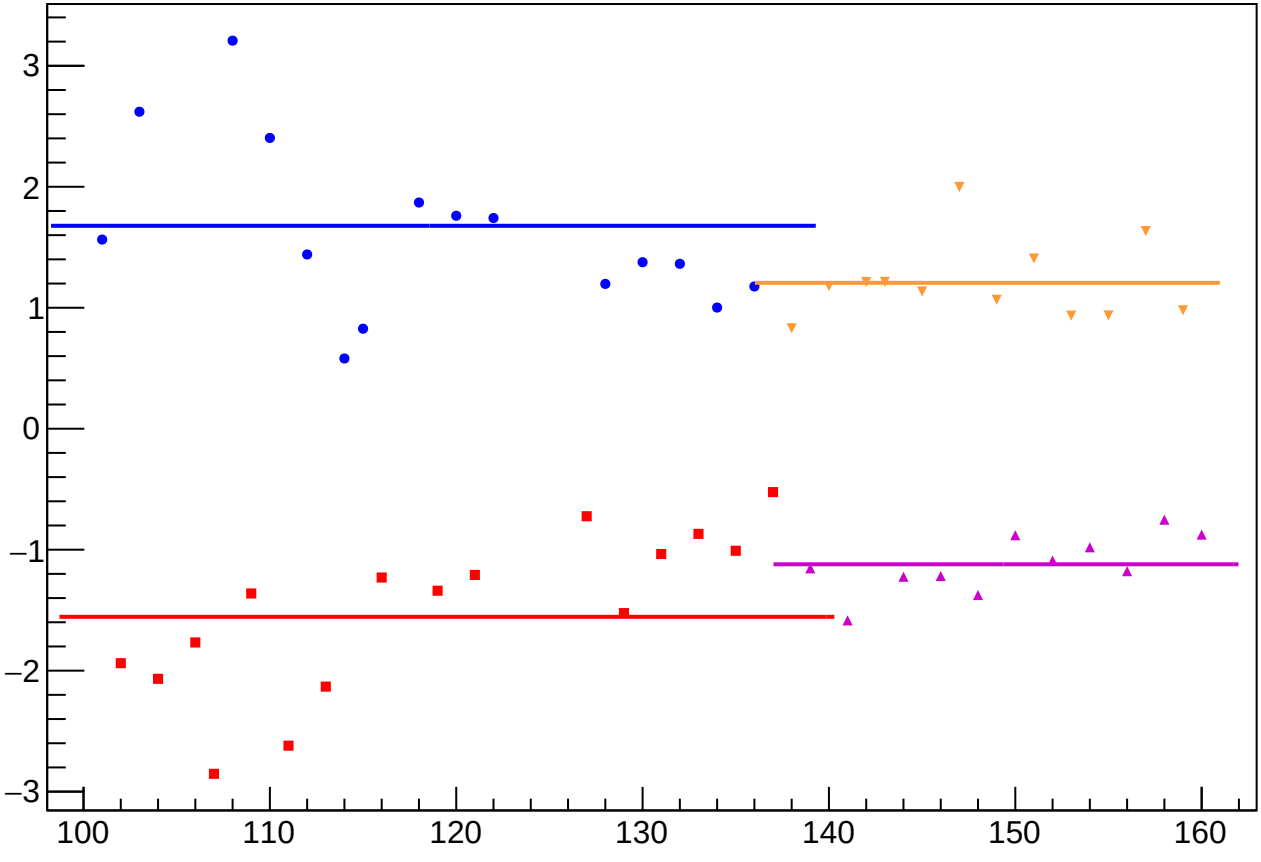
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893

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

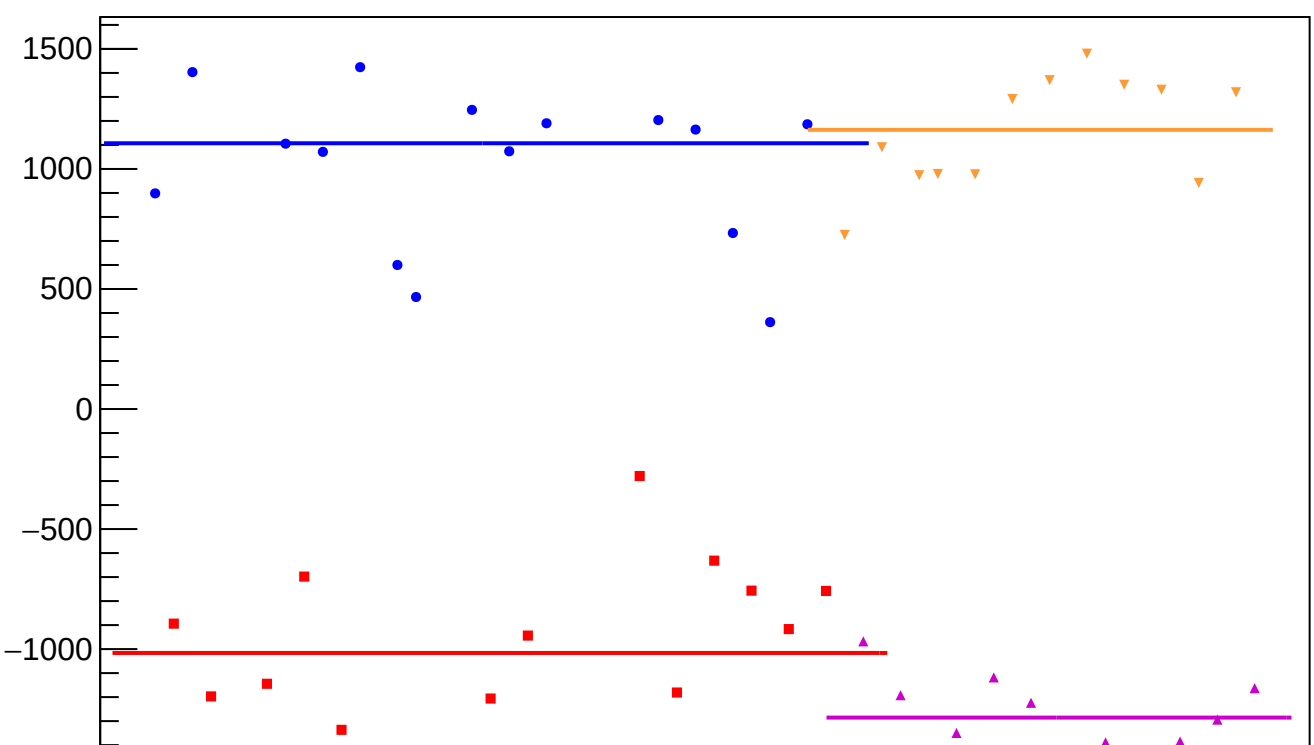
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

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

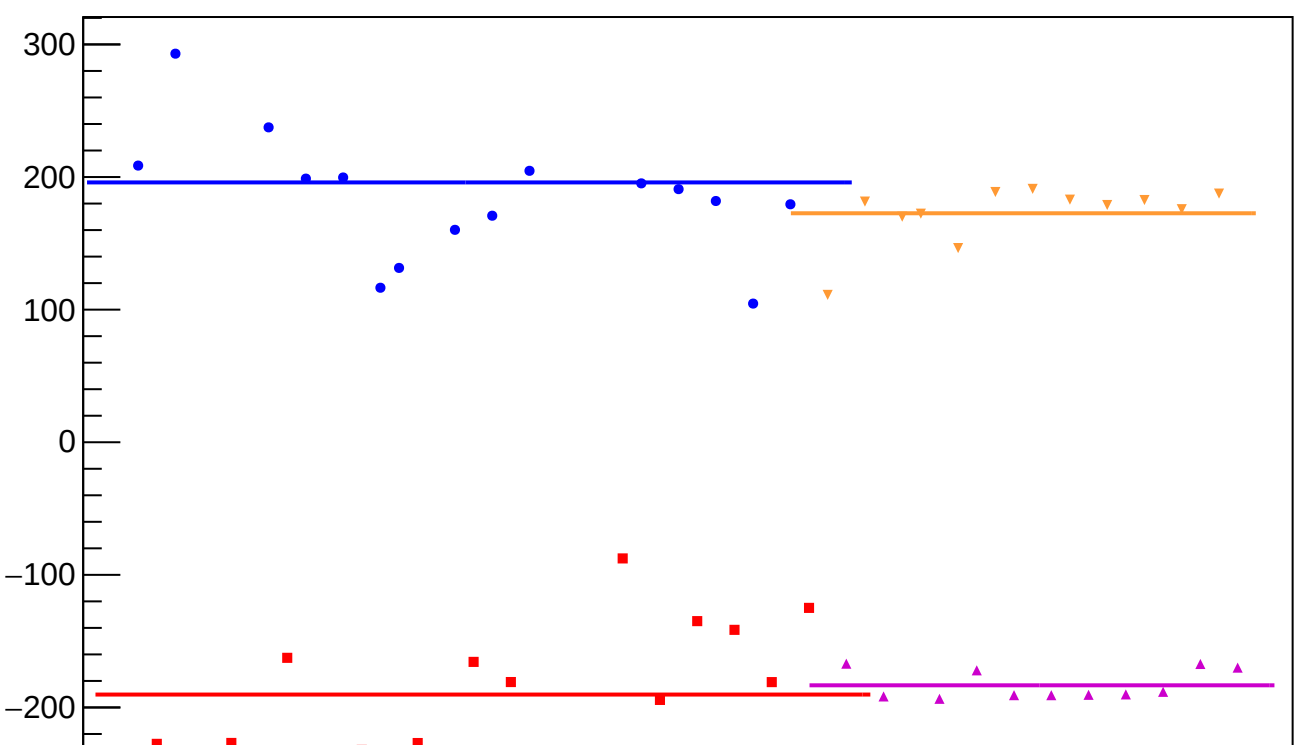
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

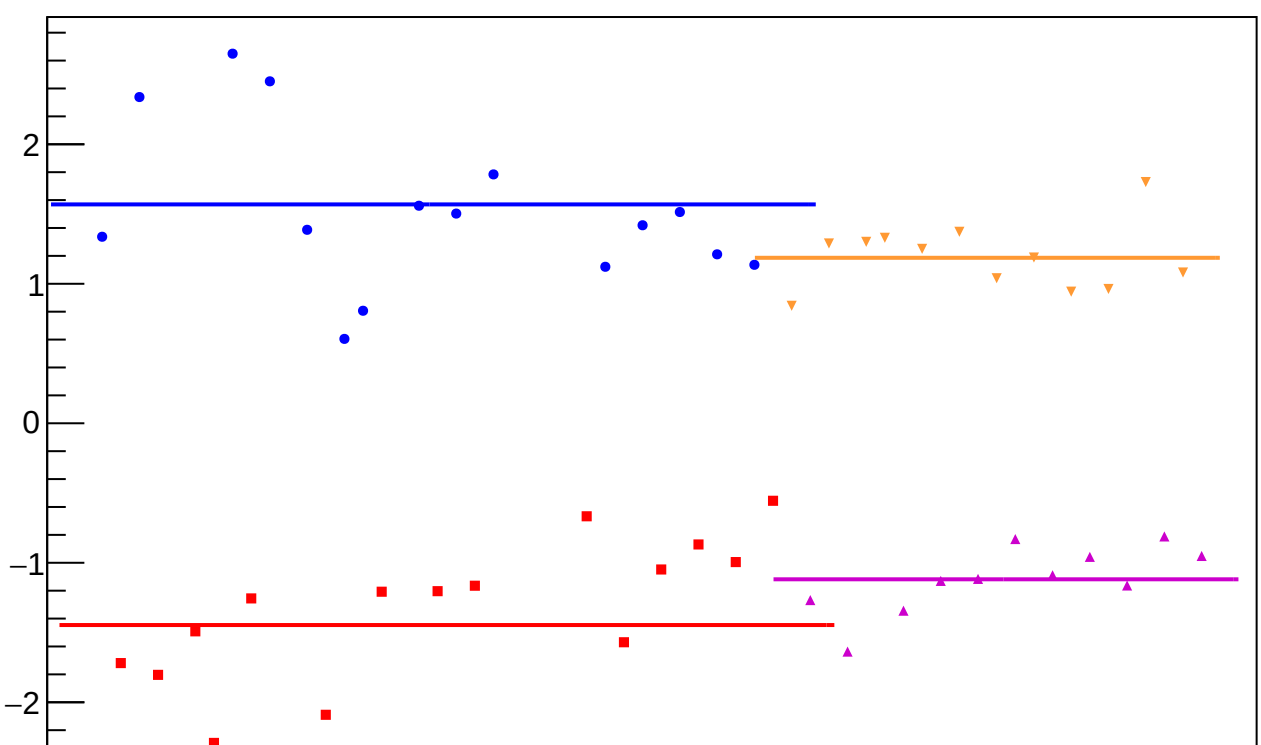
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

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

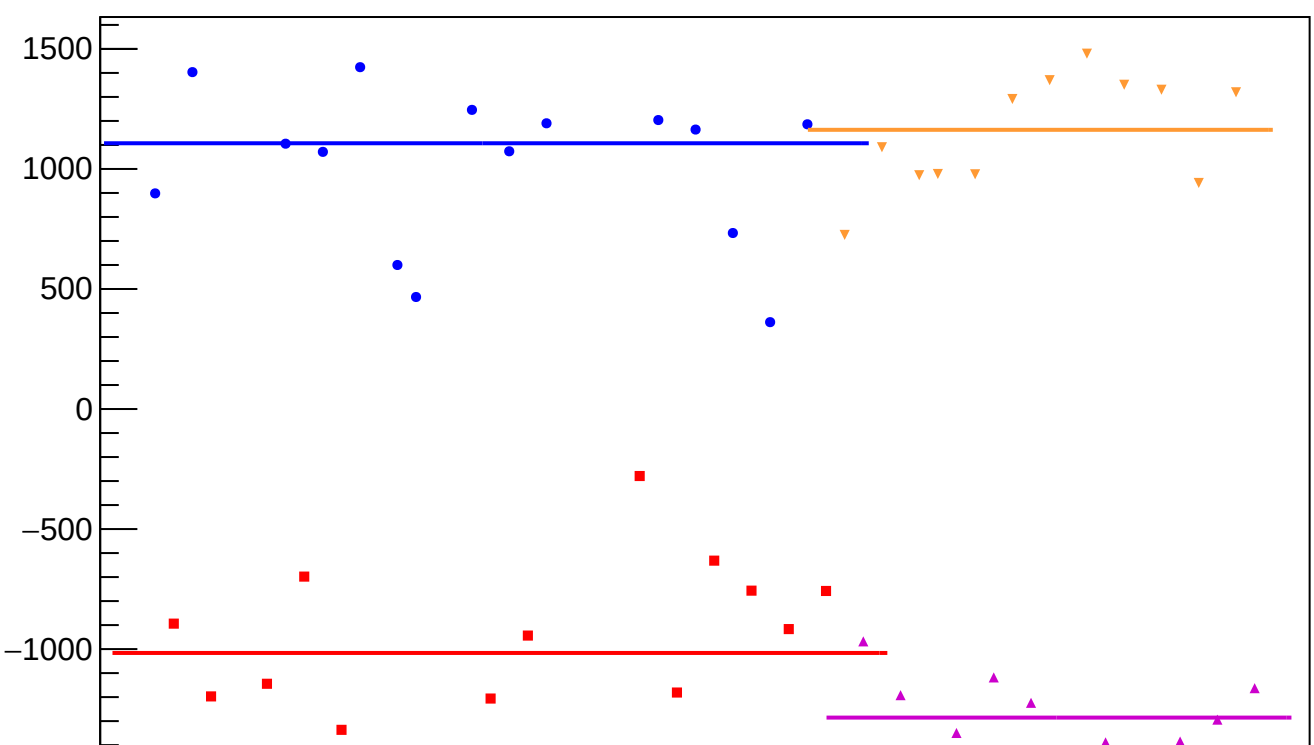
Right Out: -1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15

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

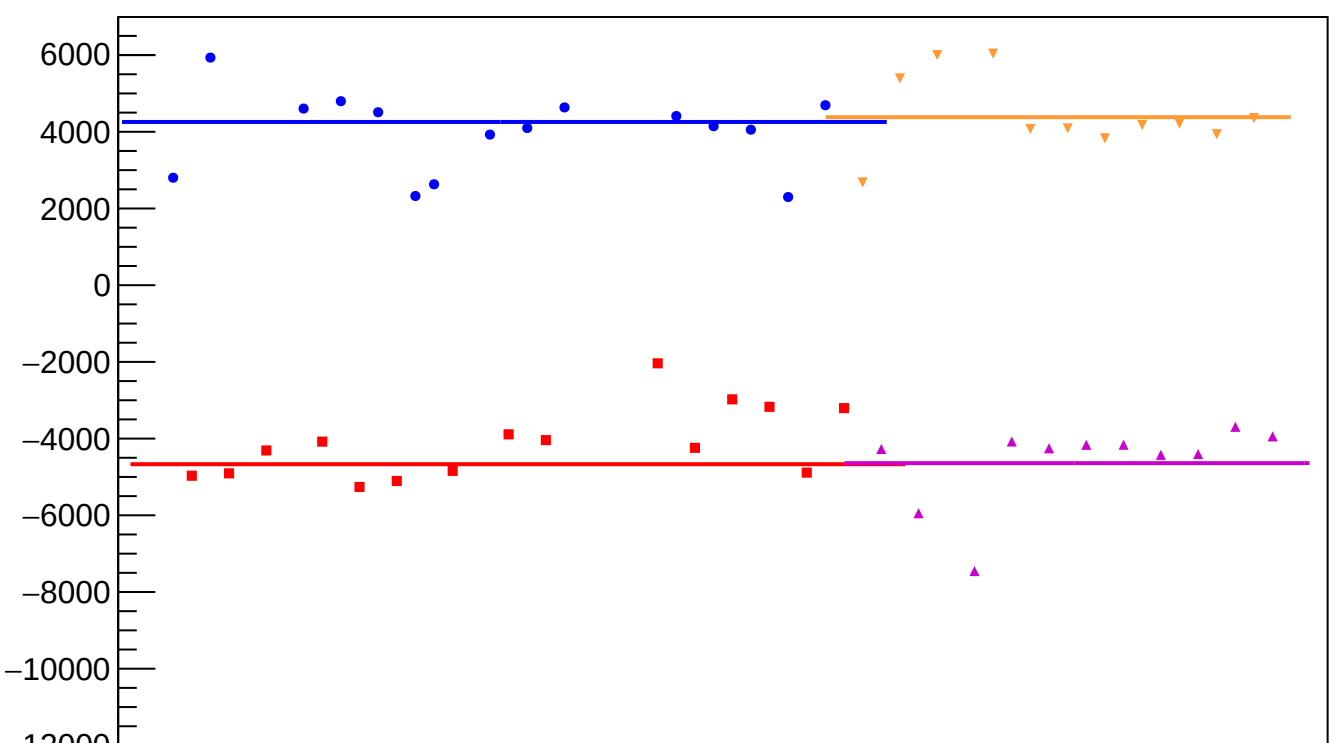
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

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

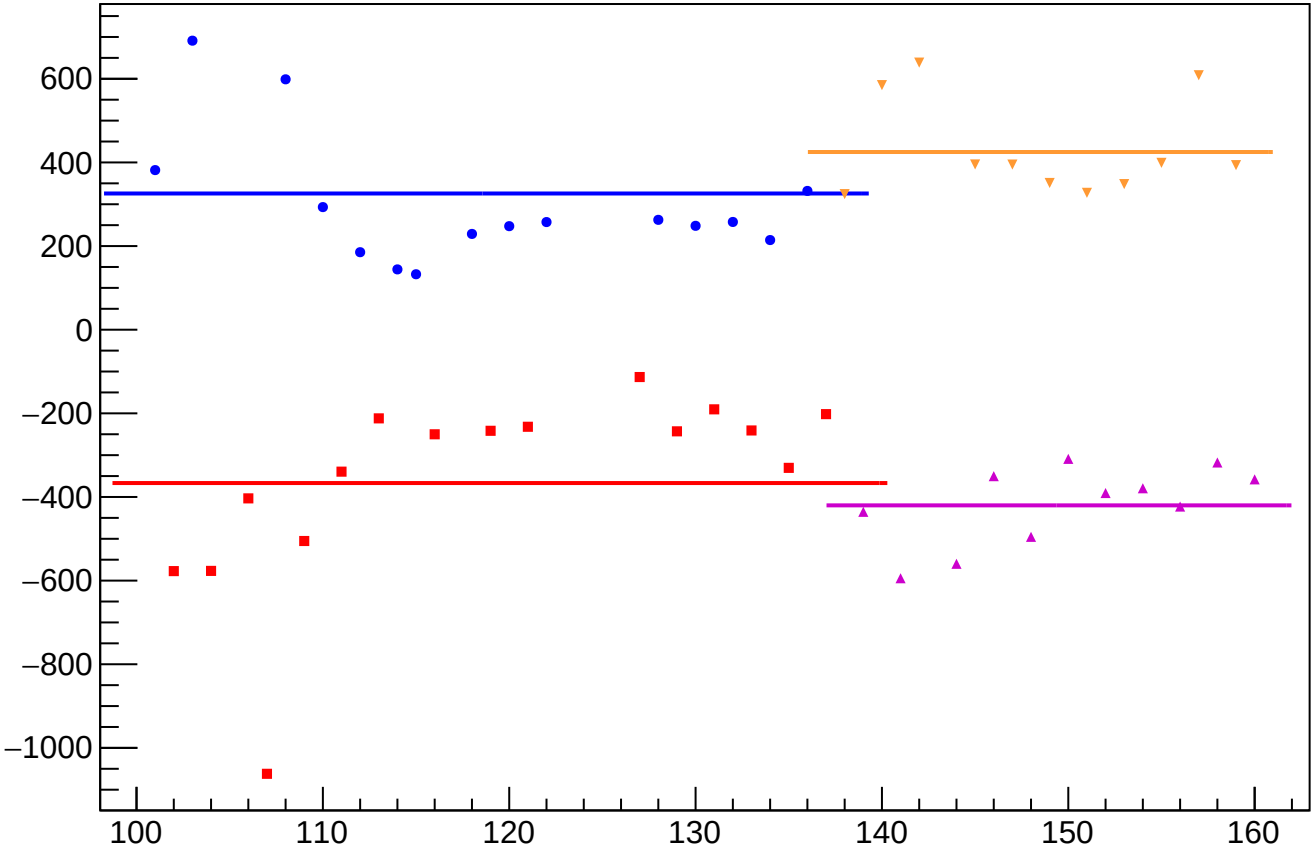
Right Out: -4667.832+/-0.000 χ^2/NDF: 32019255357828074503209517721593095127 04.0/15

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

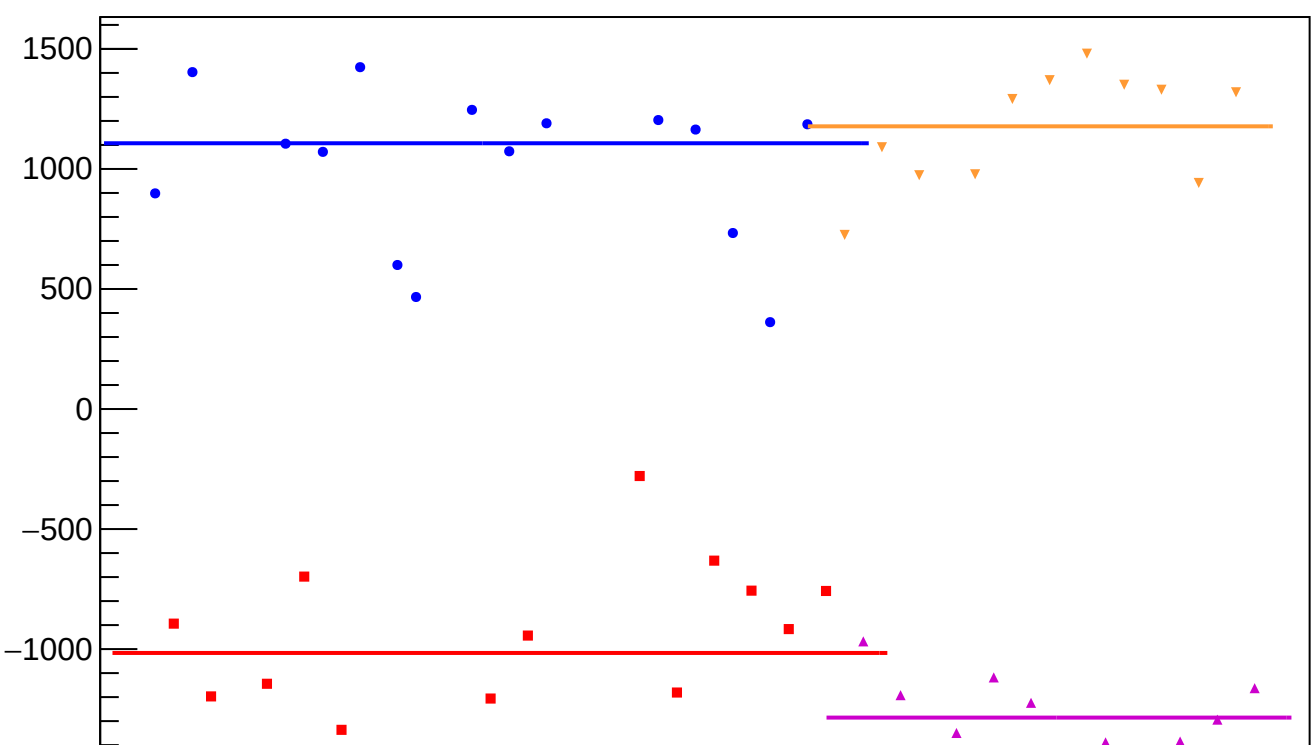
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

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

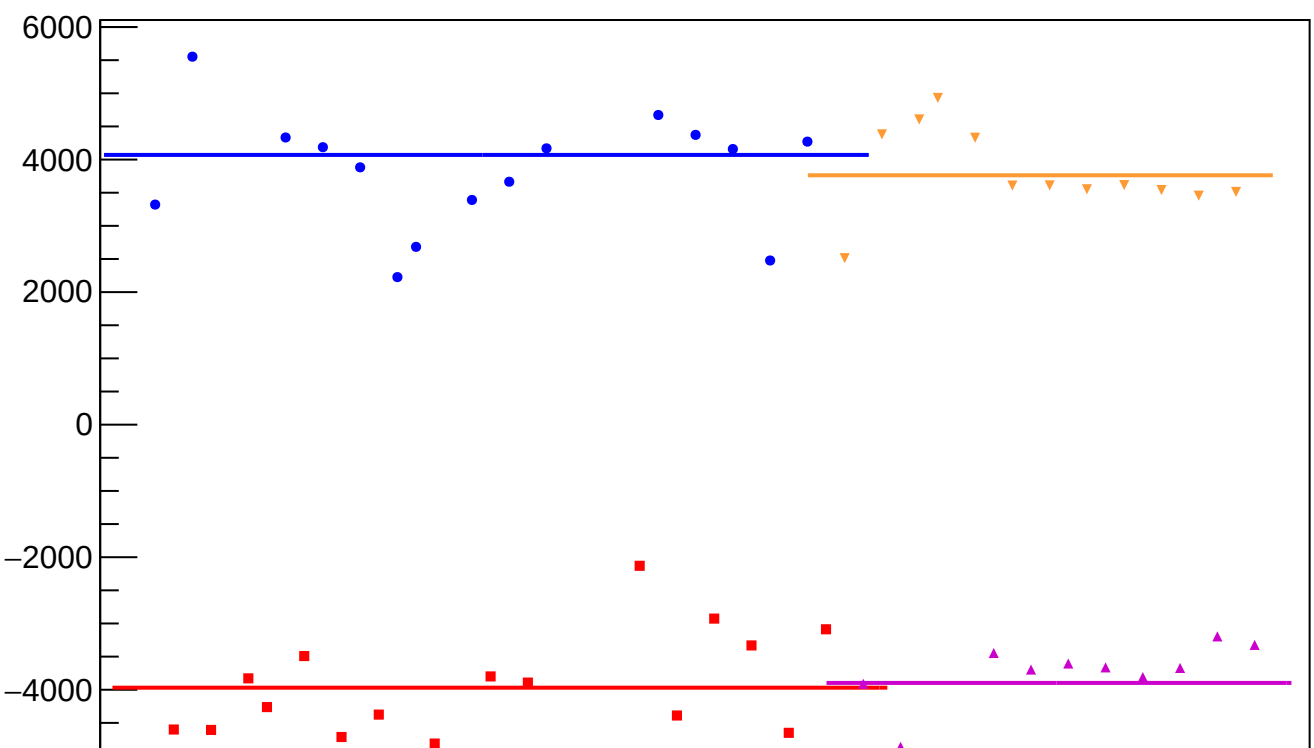
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

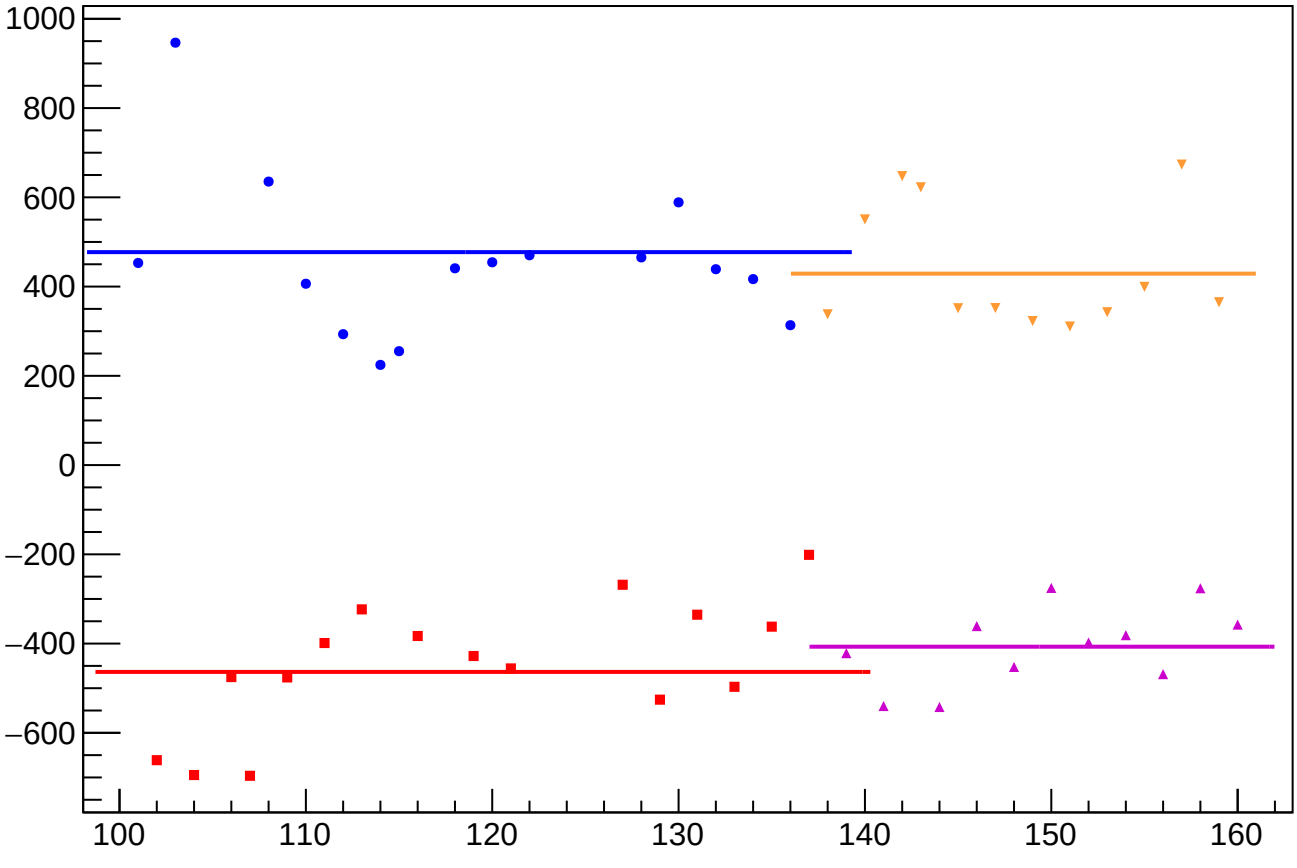
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

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

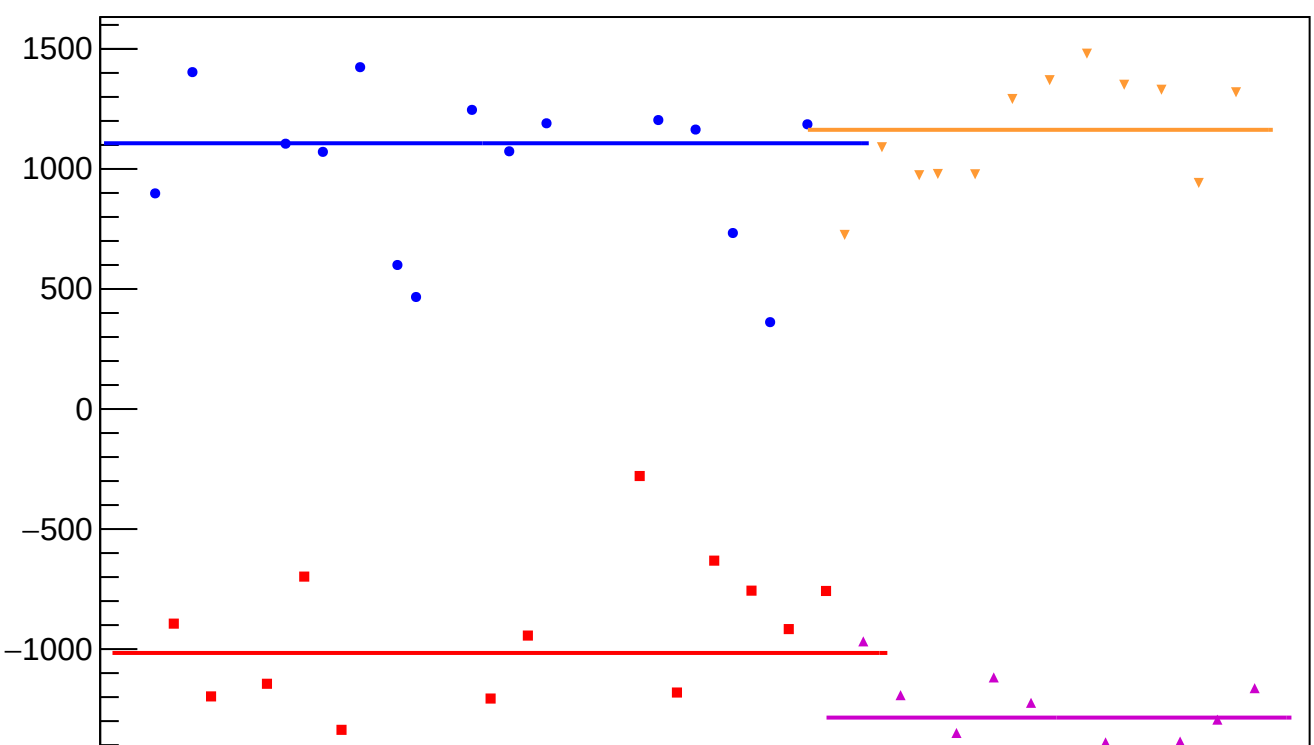
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457 1904.0/15

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

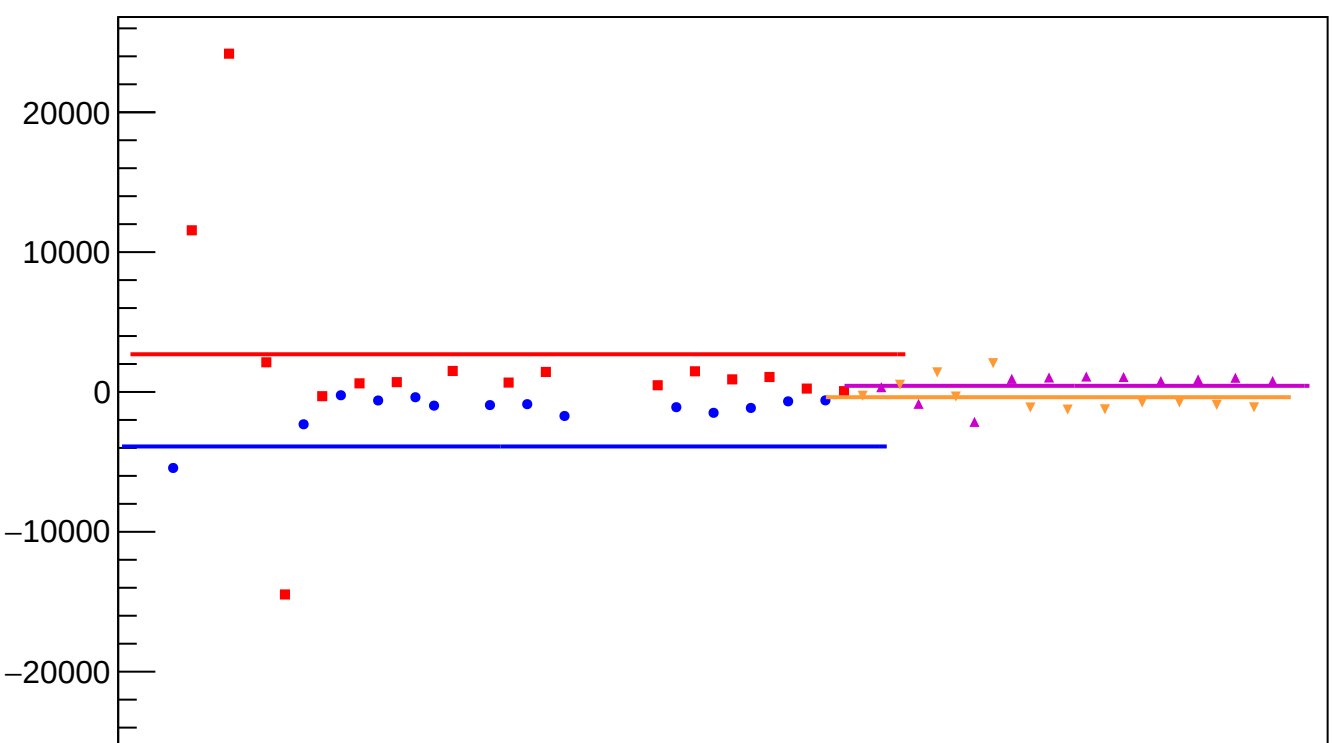
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

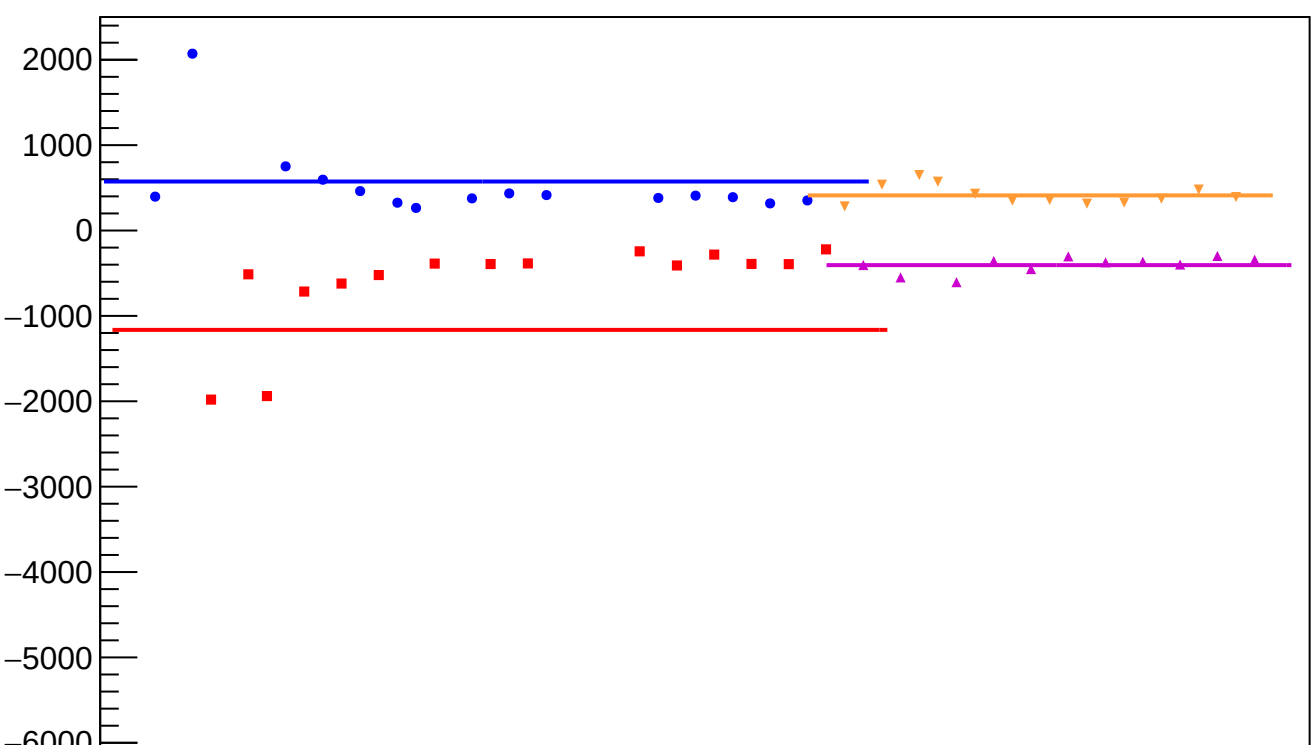
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atl1_coil4_mean vs Slug, Sign Corrected



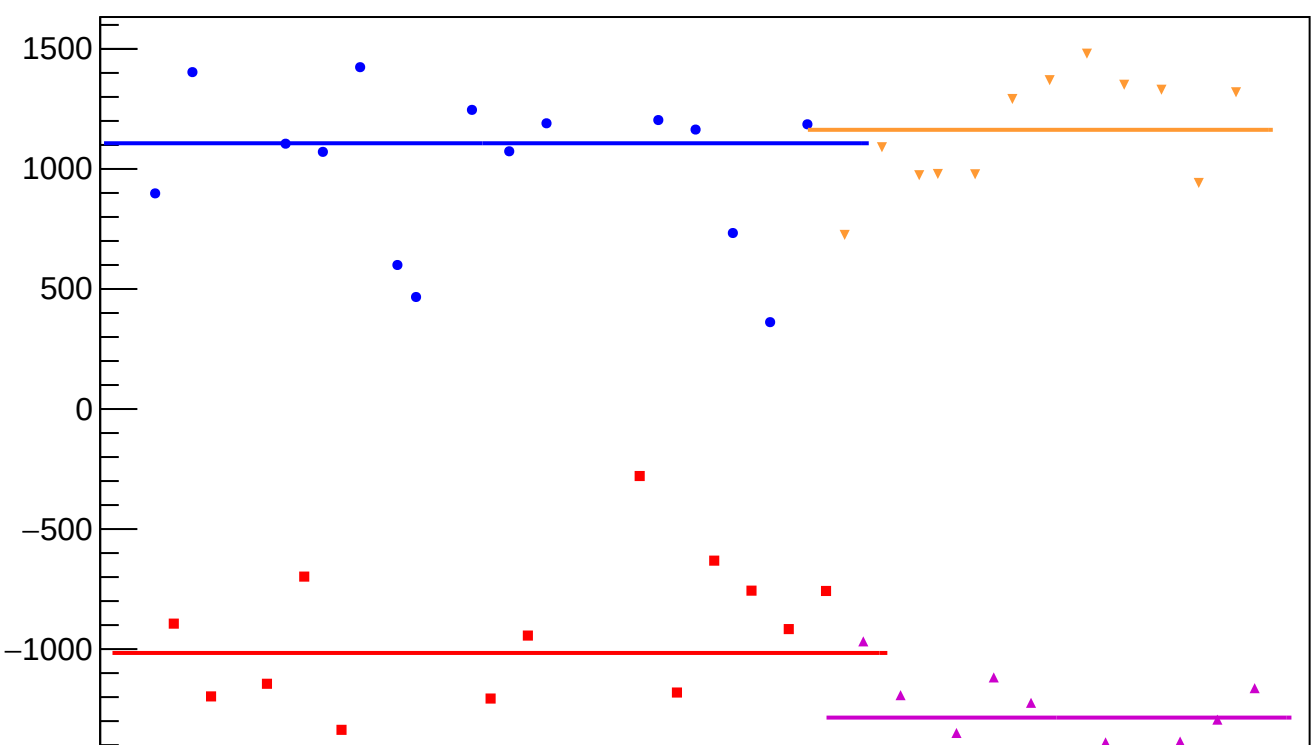
Left: 34.090+/-0.000 χ^2/NDF: 2171473726415562
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -374.202+/-0.000 χ^2/NDF:9458681751446739631330703811354967408 64.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 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

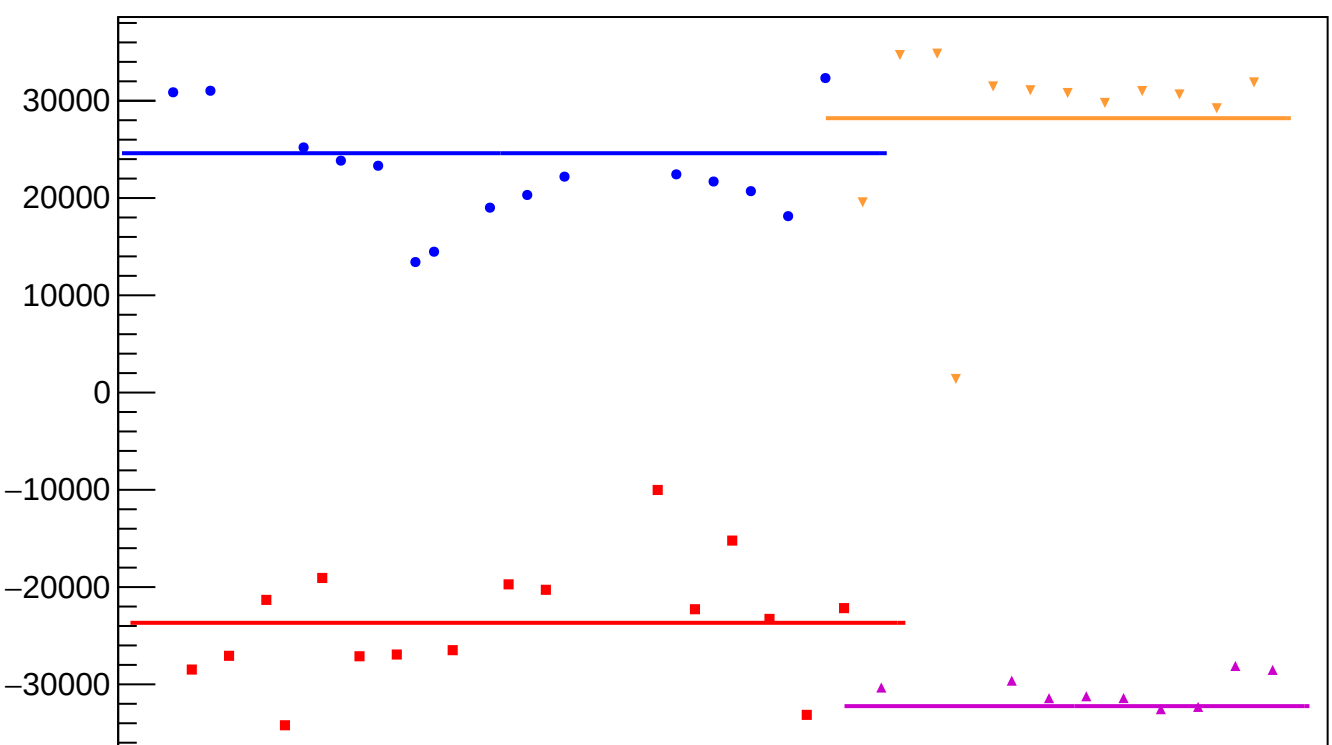
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

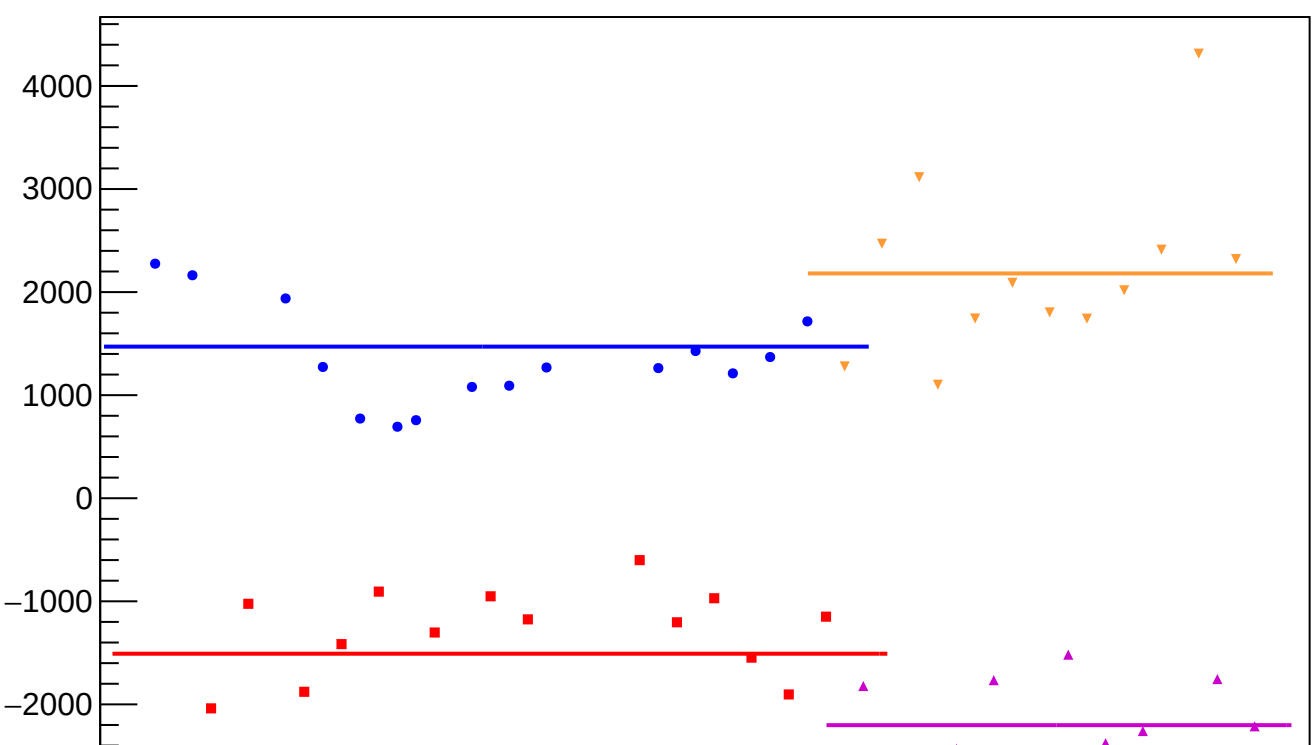
All: -25.475+/-0.000 χ^2/NDF: 443196140049

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

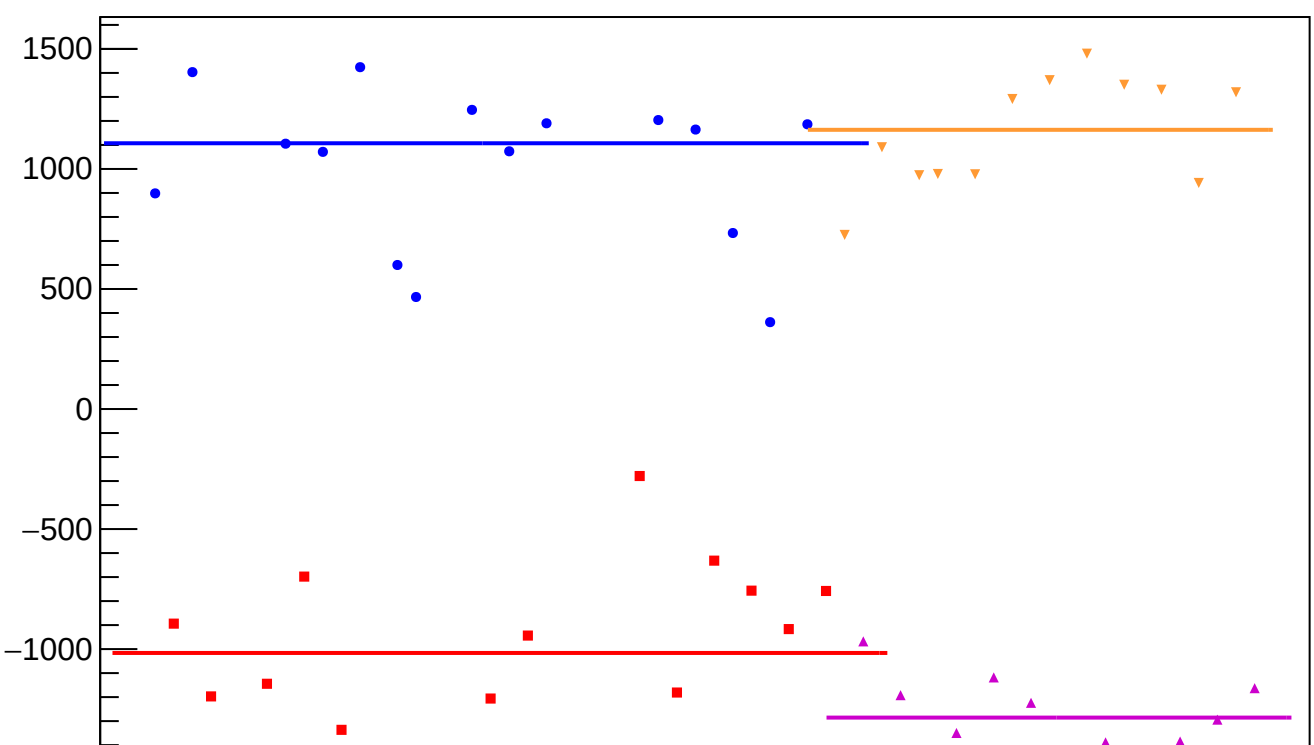
Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

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

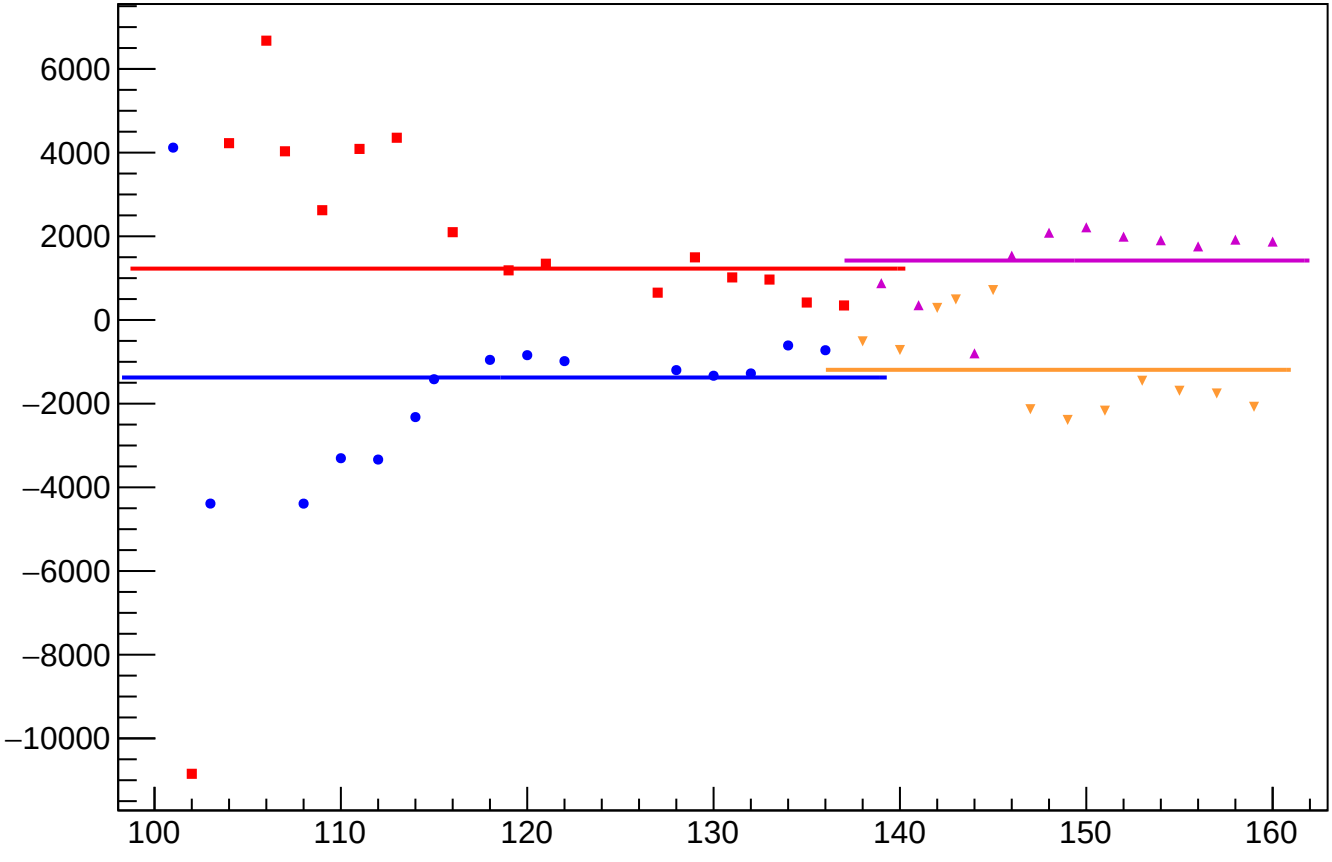
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

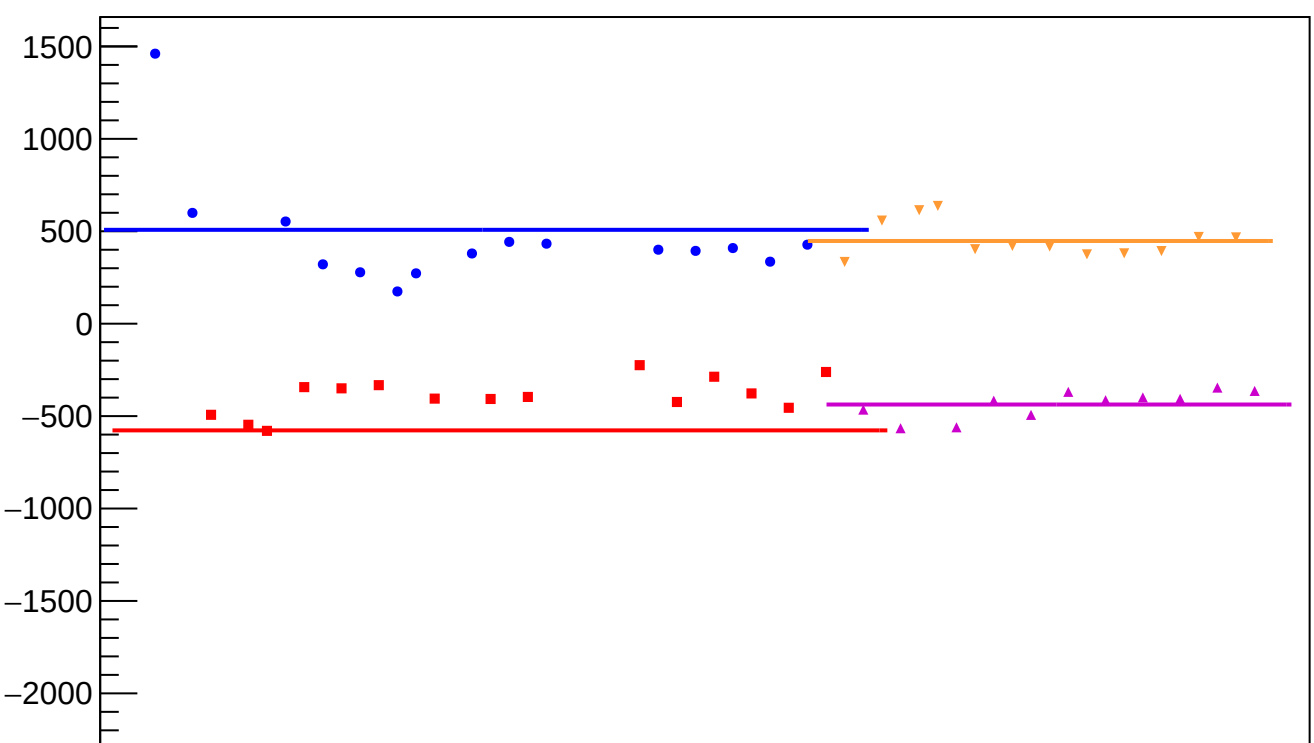
Right Out: 1227.879+/-0.000 χ^2/NDF: 1111531299992662339646645021844862245273 6.0/15

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

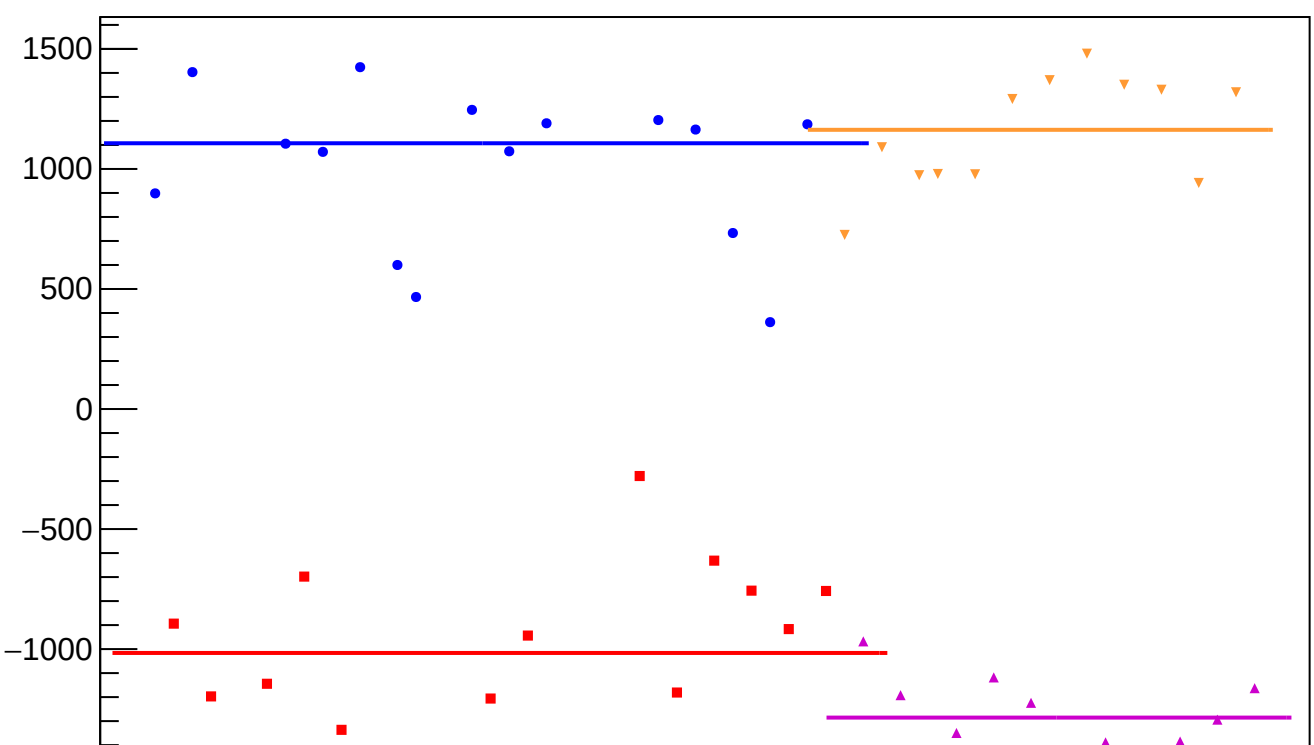
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

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

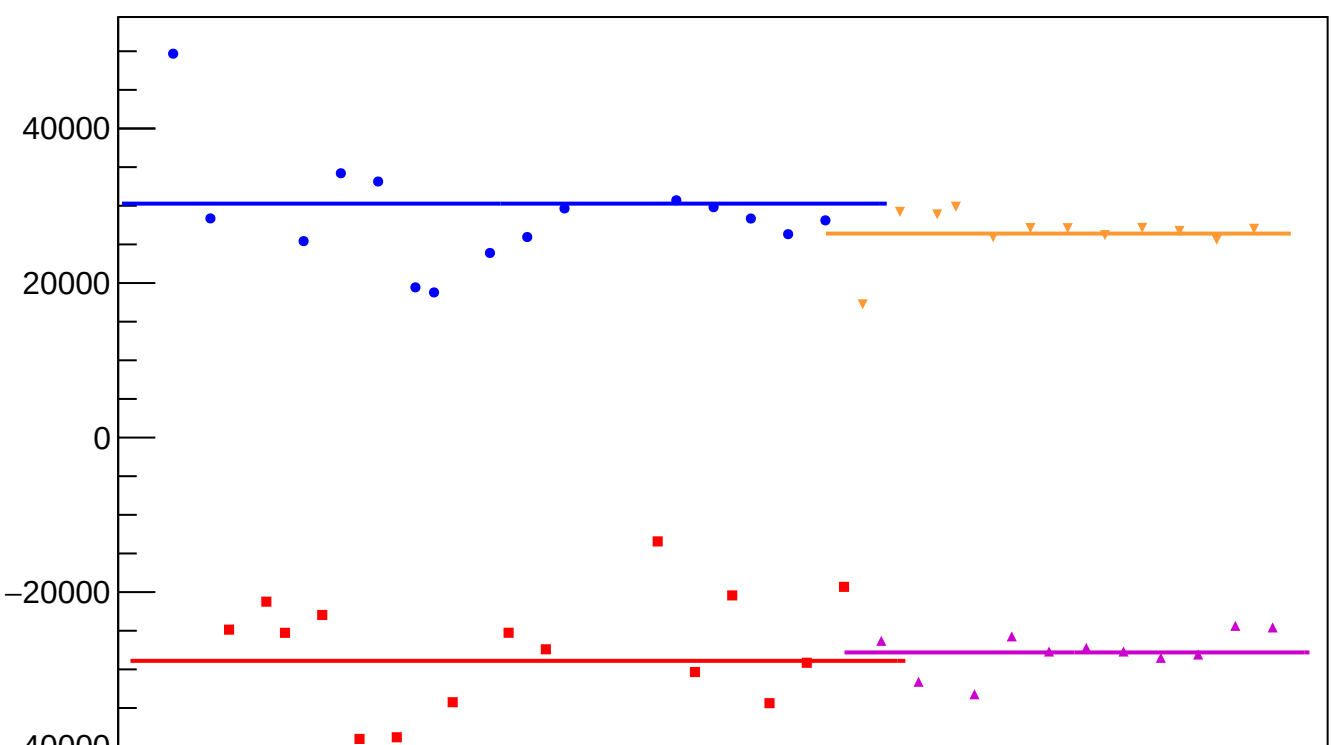
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

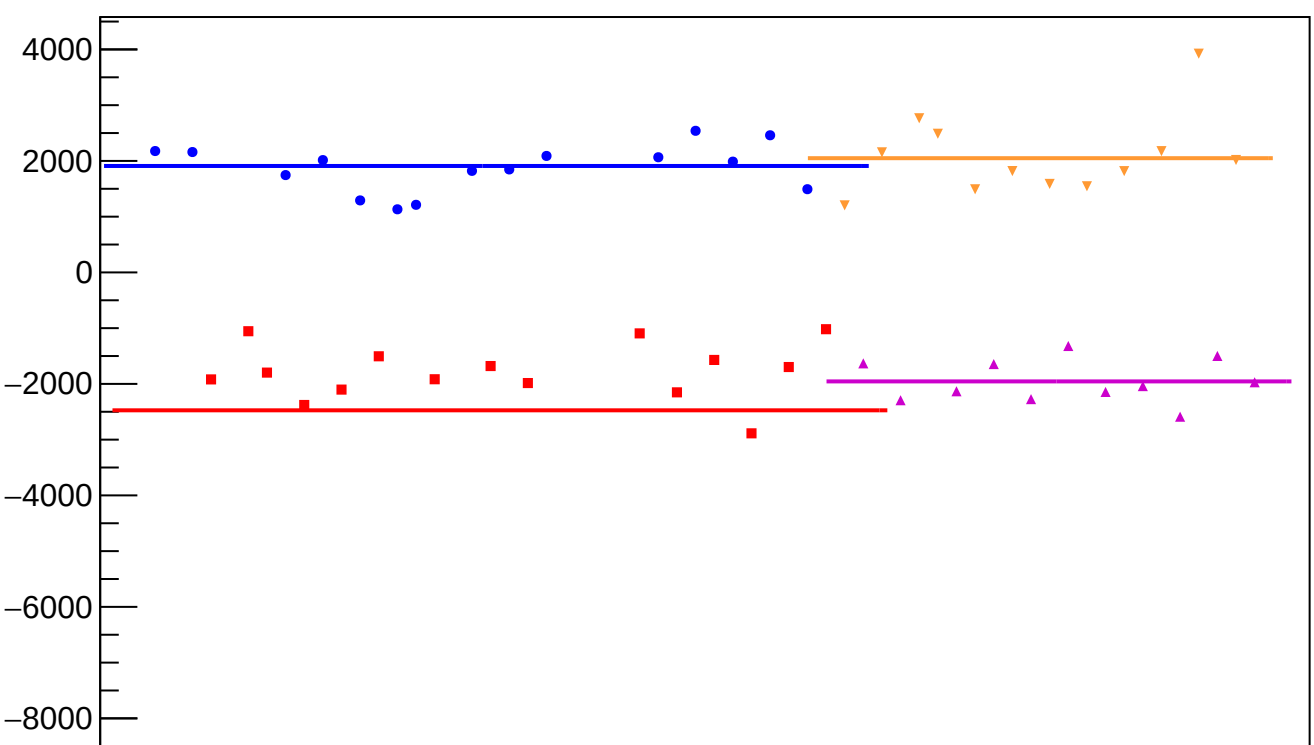
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atr2_coil4_mean vs Slug, Sign Corrected



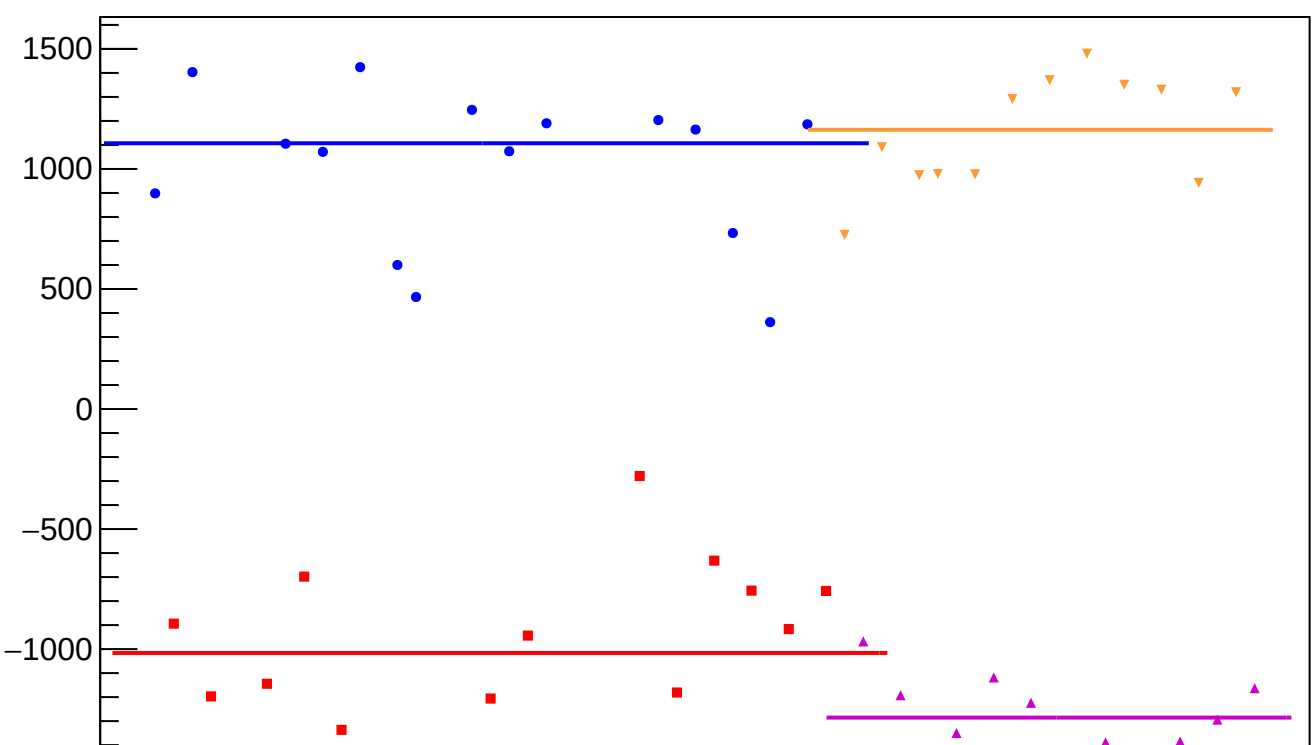
Left: -806.637+/-0.000 χ^2/NDF: 136711048094445
Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
Right: 285.980+/-0.000 χ^2/NDF: 122974265906167
Left Out: 26400.073+/-0.000 χ^2/NDF:852345353206654257424343989900837650432 0.0/11
In: -3842.144+/-0.000 χ^2/NDF:132338595511608
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

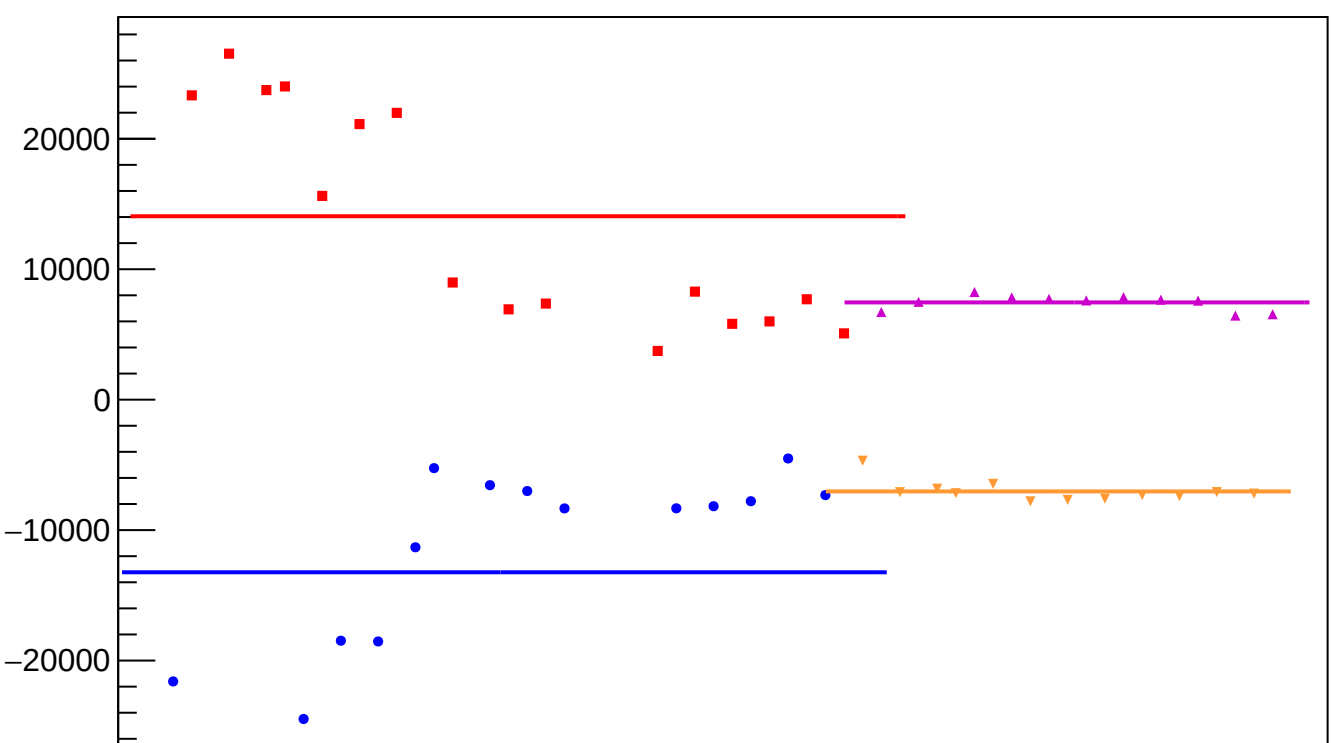
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

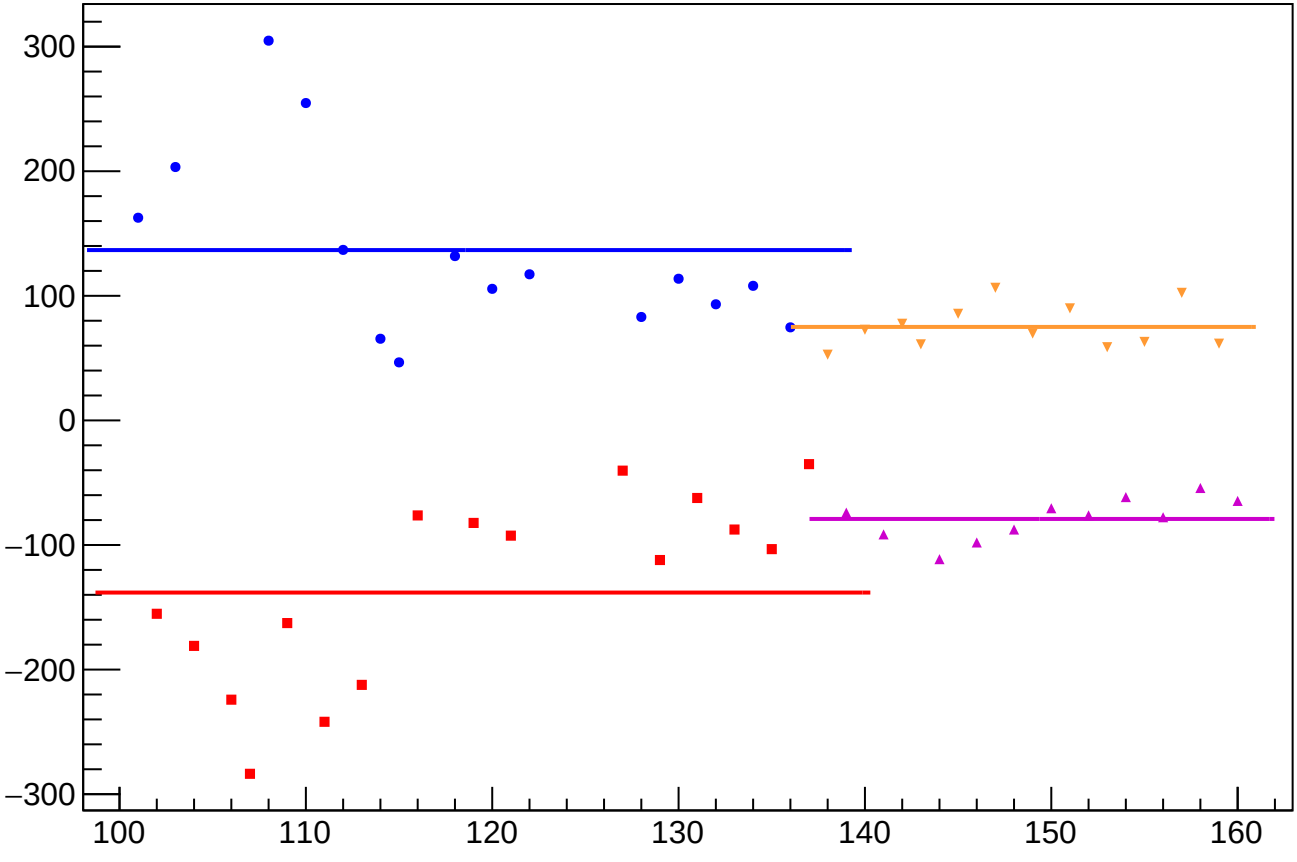
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

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

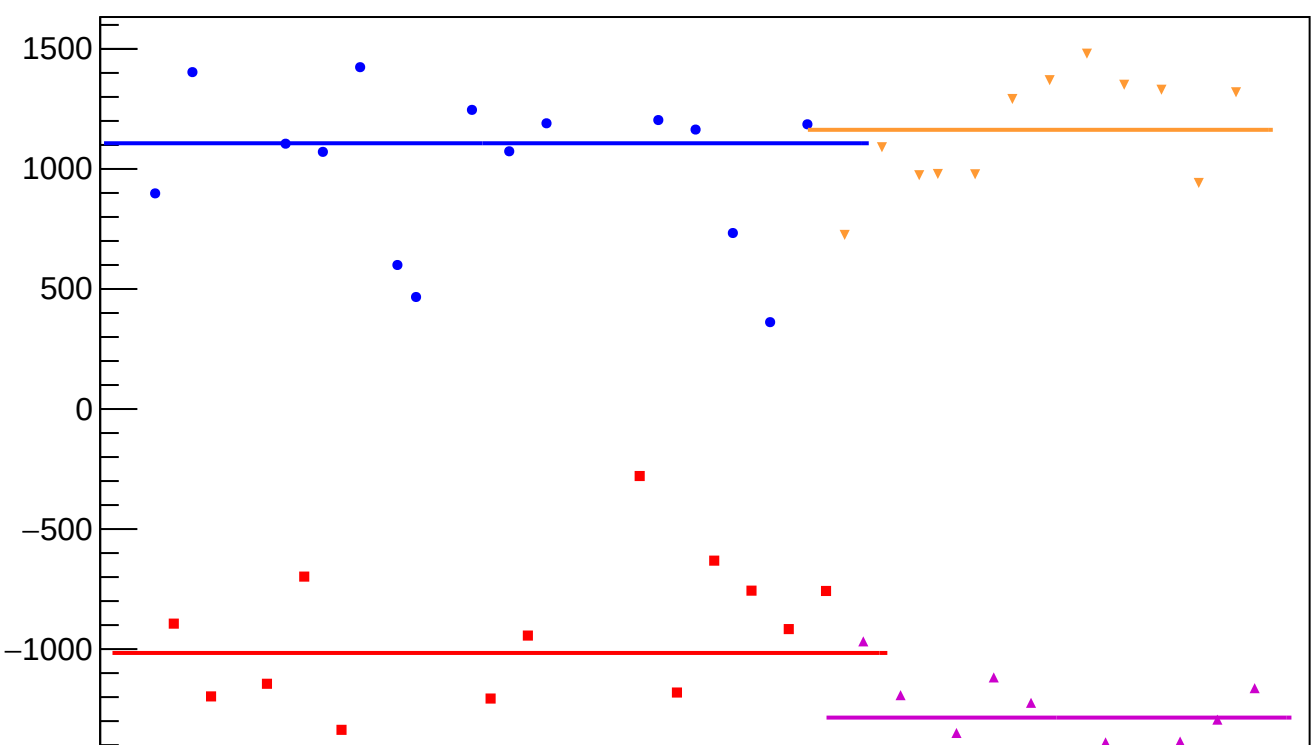
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

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

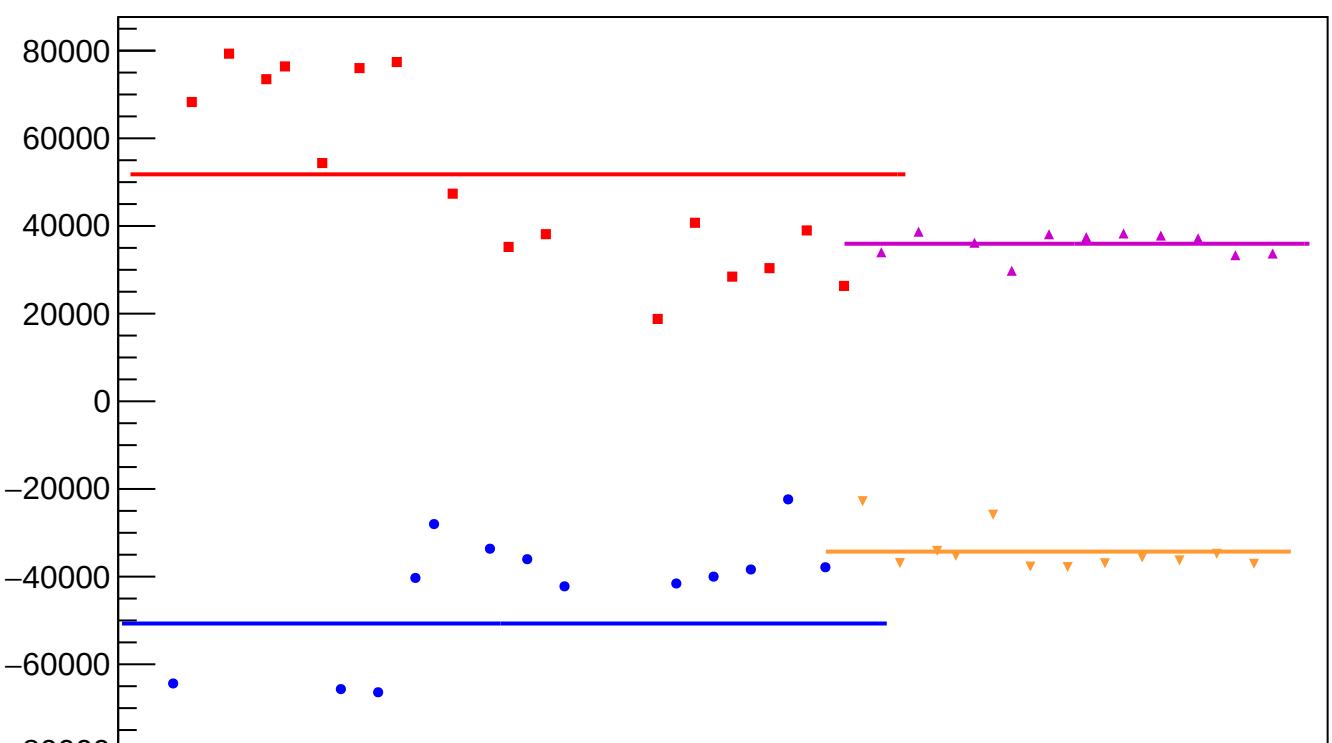
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

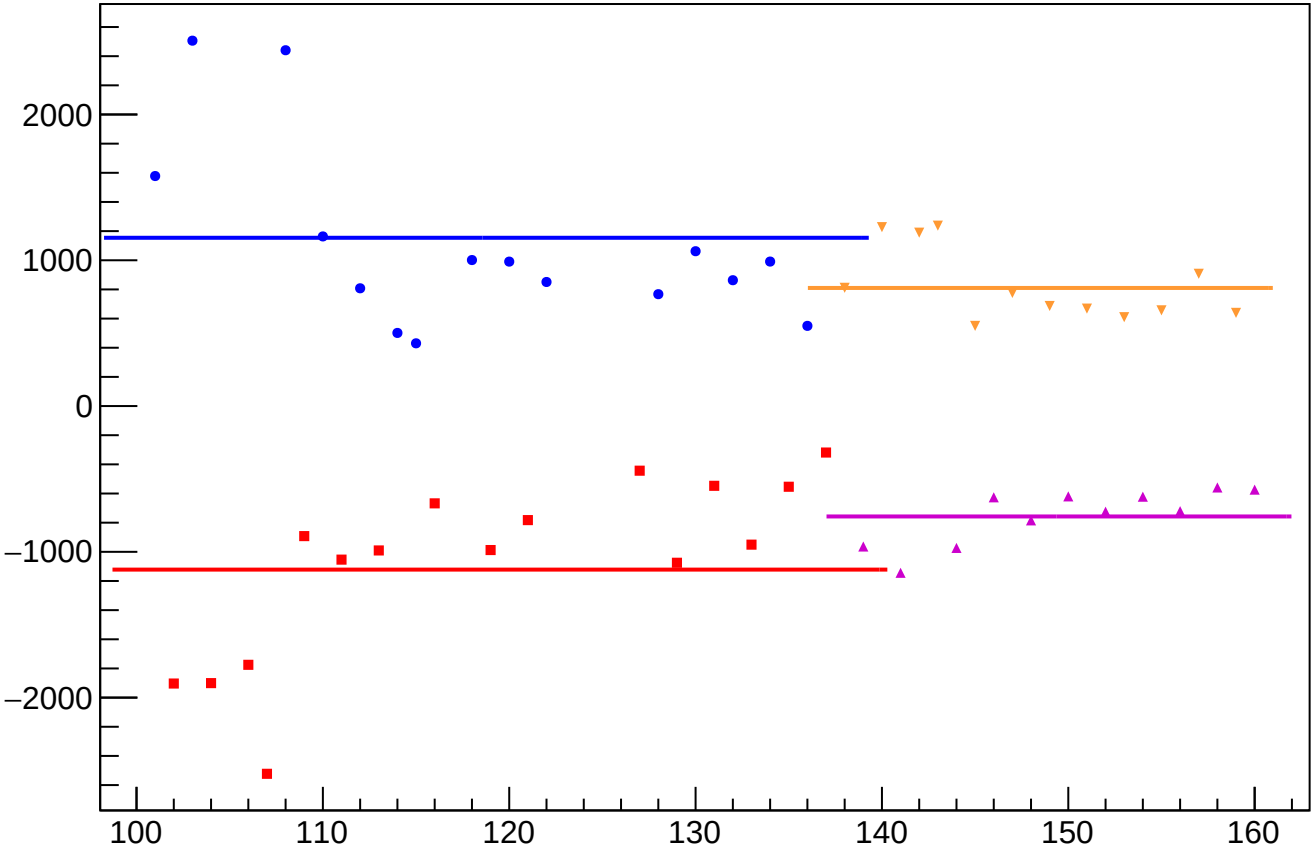
Right Out: 51783.912+/-0.000 χ^2/NDF: 2817896177291319962711541984726174788485 12.0/15

Out: 1953.291+/-0.000 χ^2/NDF:3162973219587 90

Left In: 35949.660+/-0.000 χ^2/NDF:6535777806152232441815832130596699635712.0/10

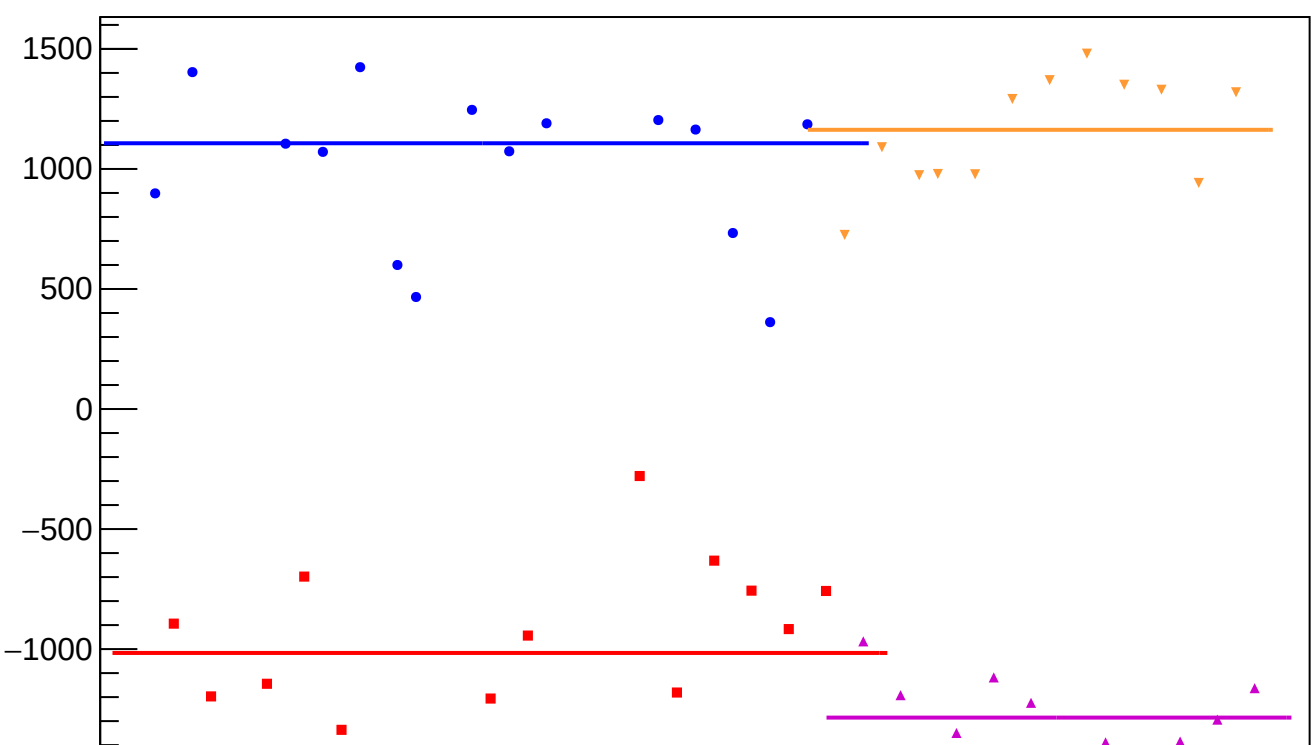
All: 1080.193+/-0.000 χ^2/NDF: 6260586691 3

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

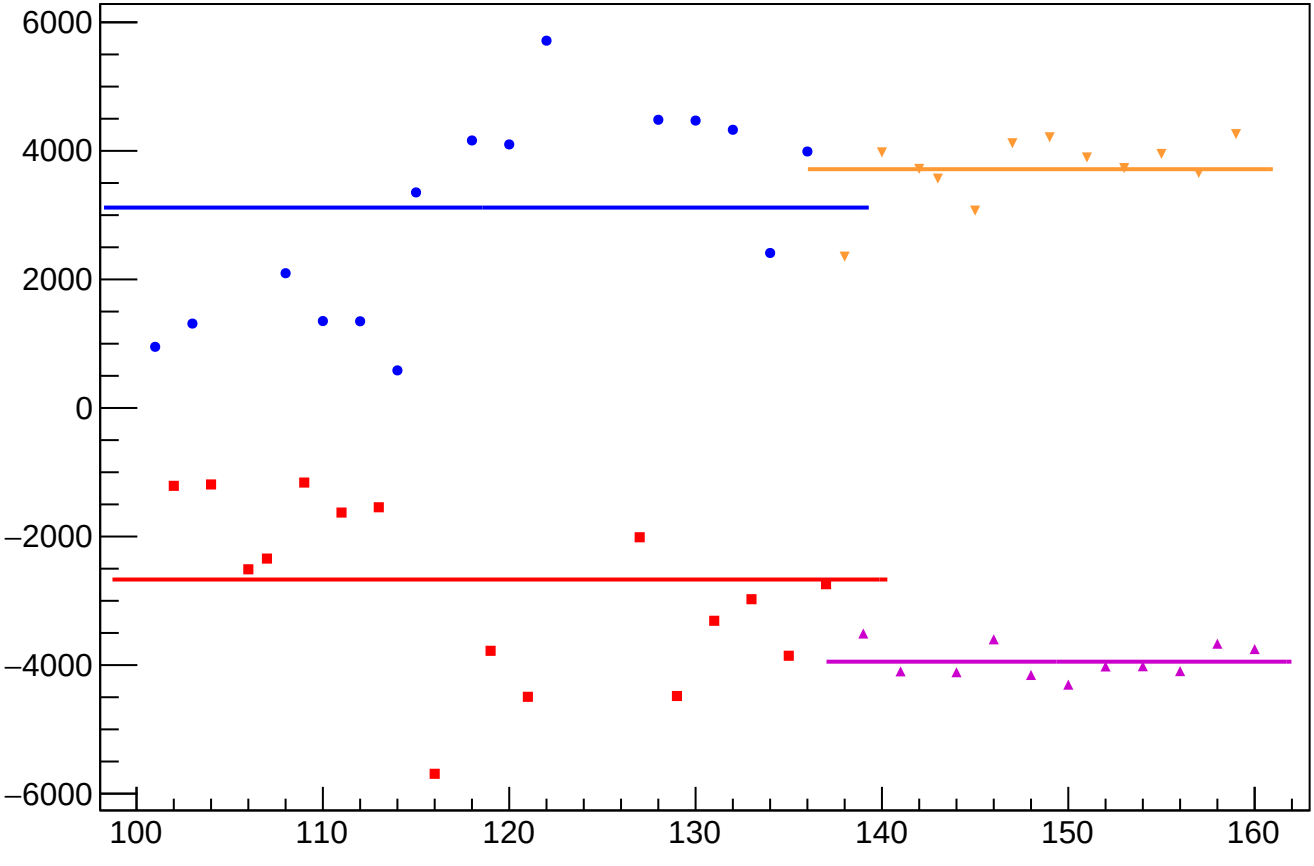
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

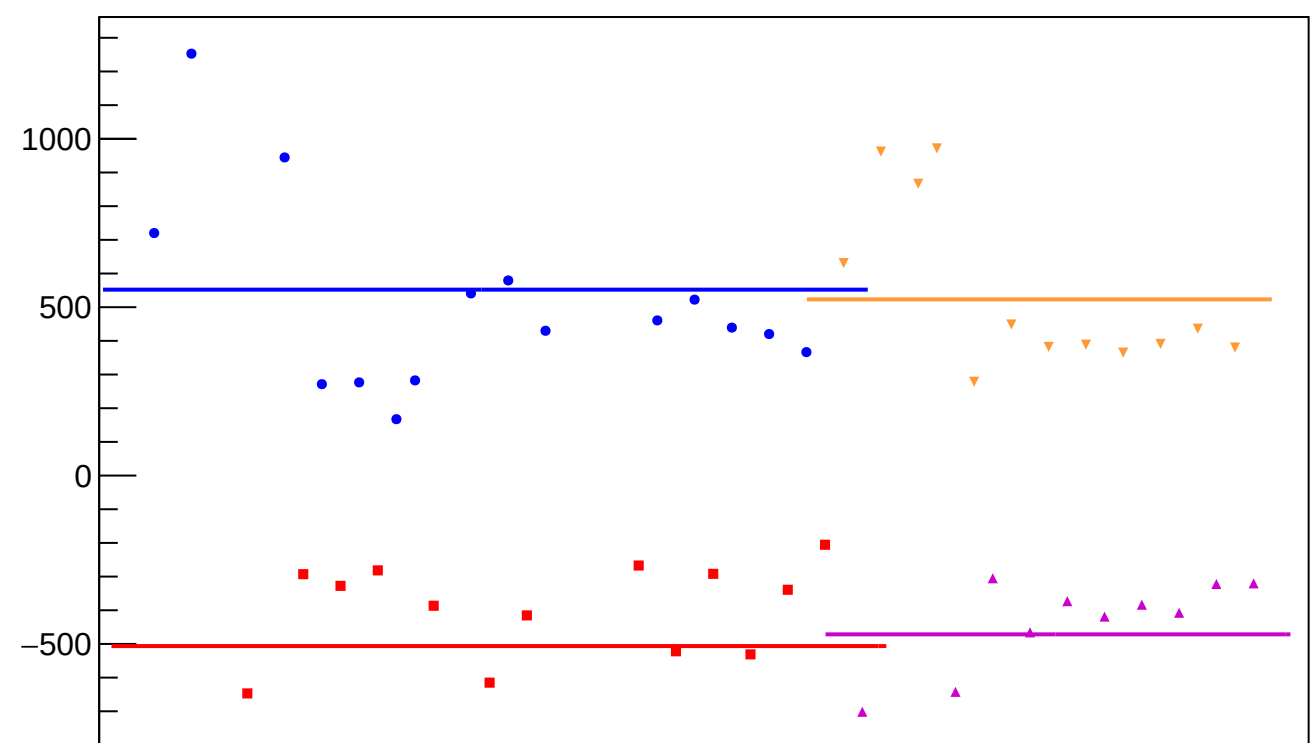
All: -25.475+/-0.000 χ^2/NDF: 443196140049

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

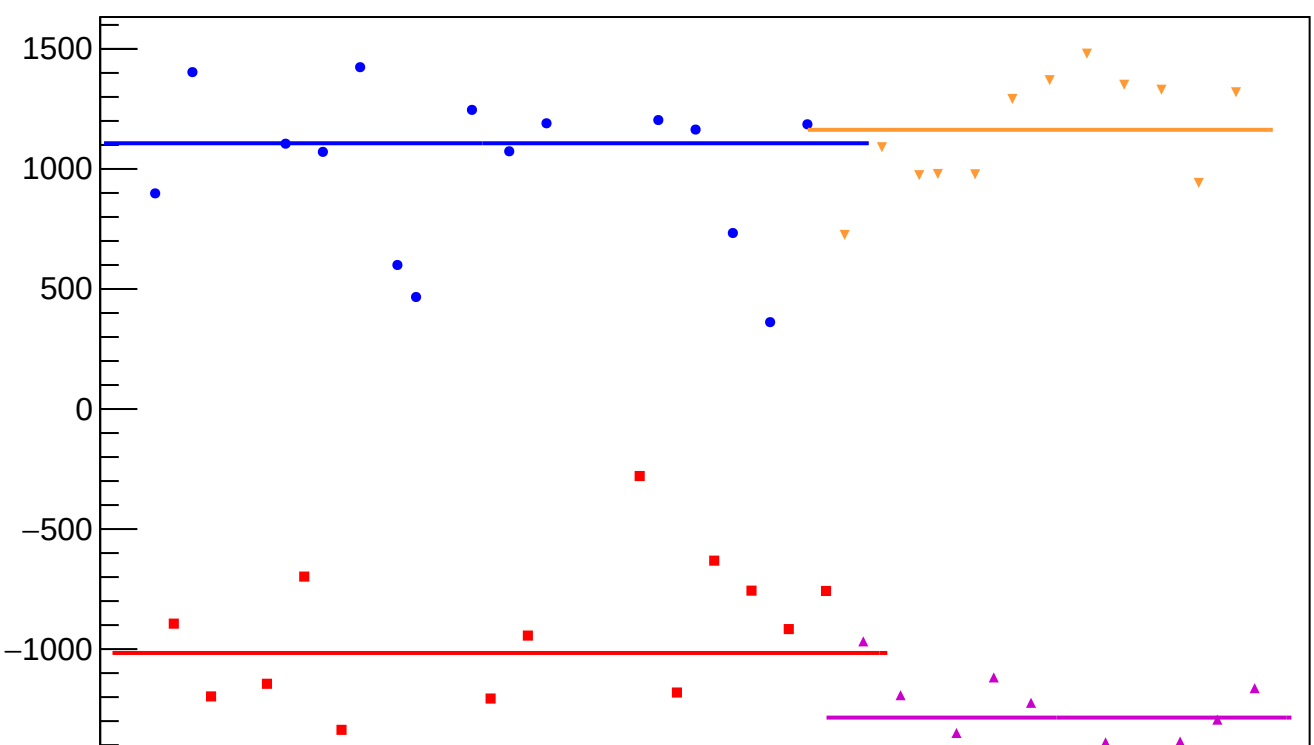
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

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

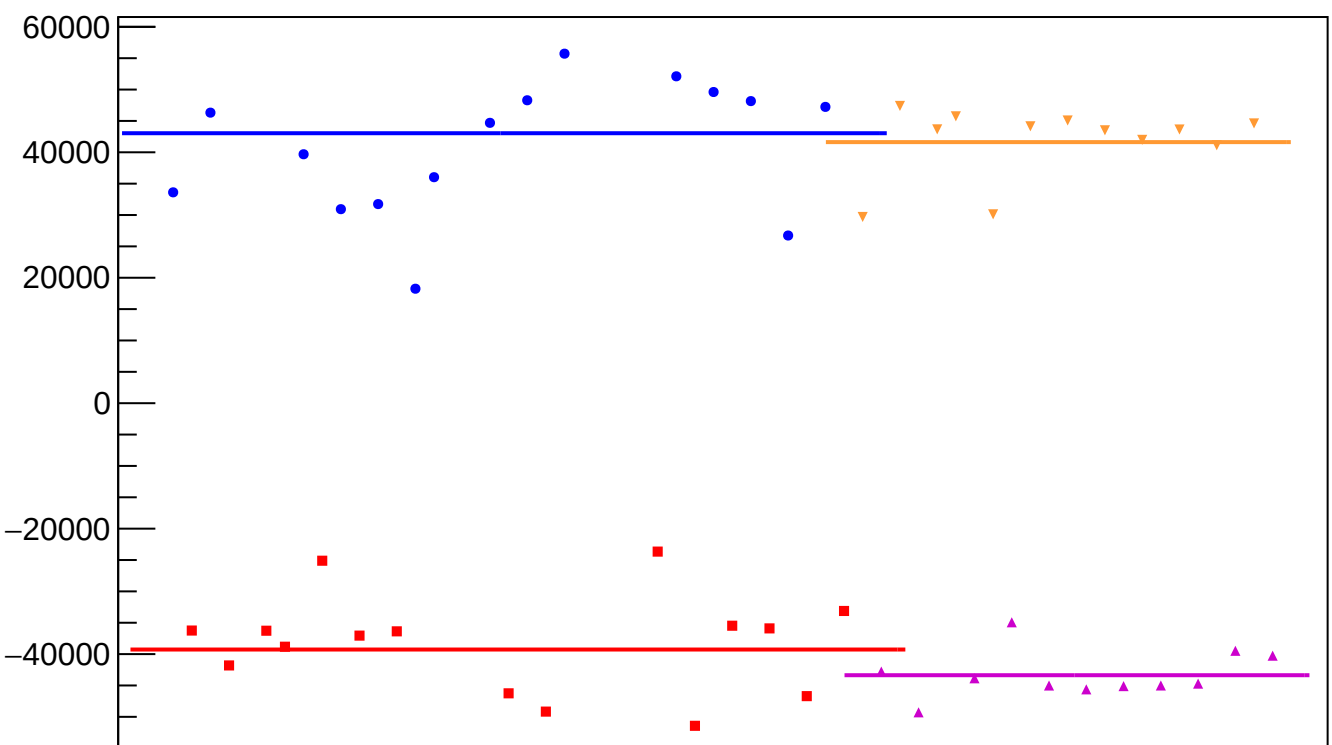
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

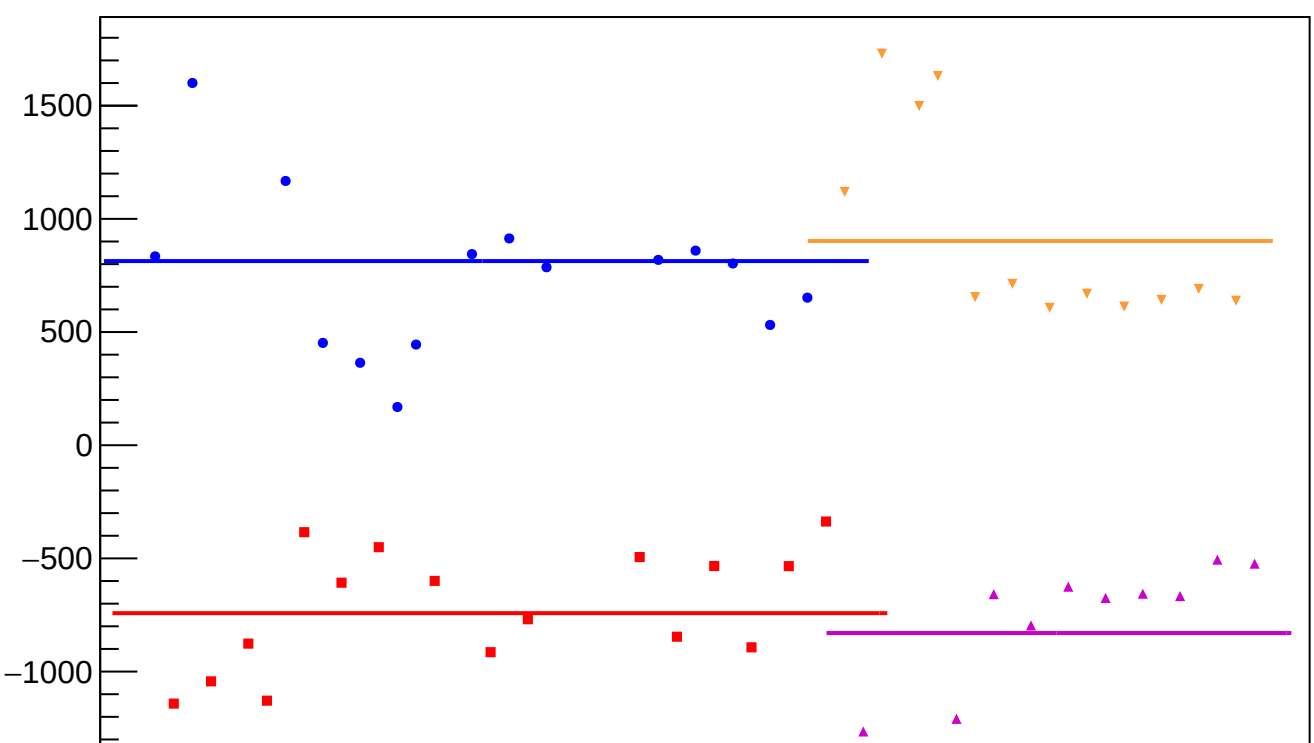
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15

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

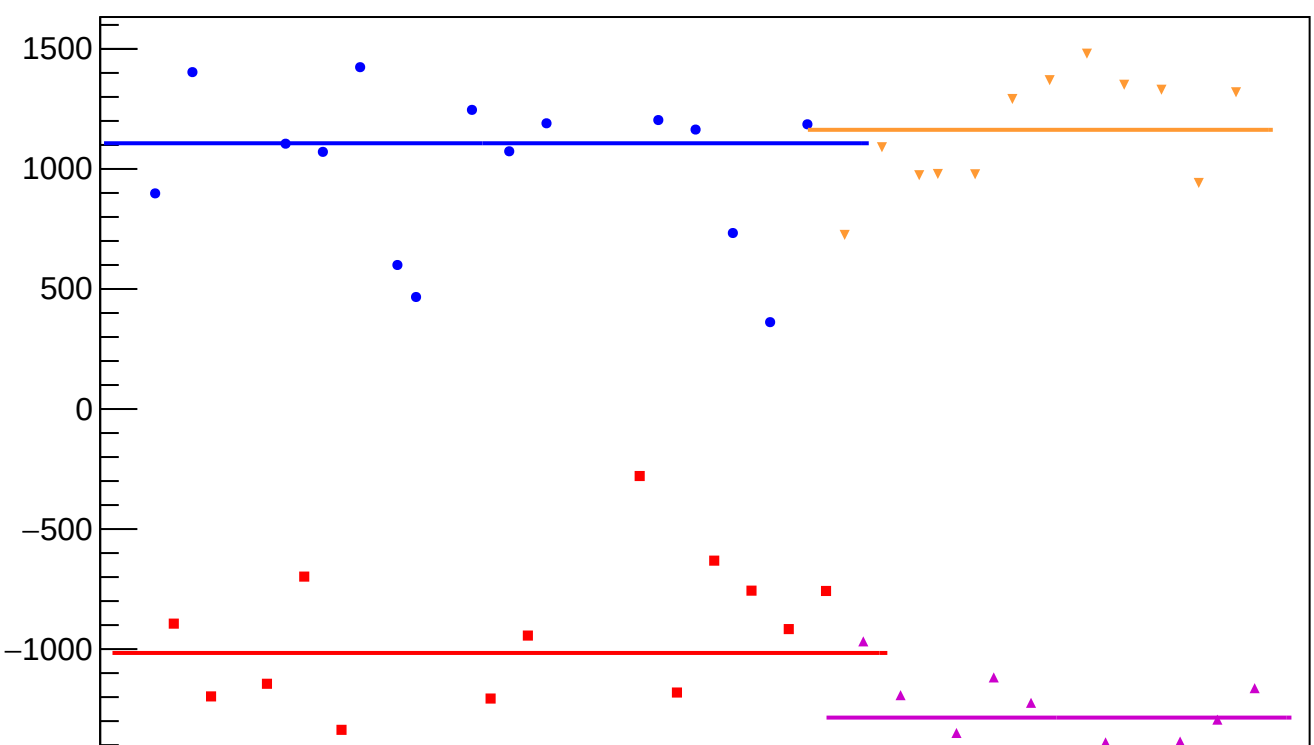
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

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

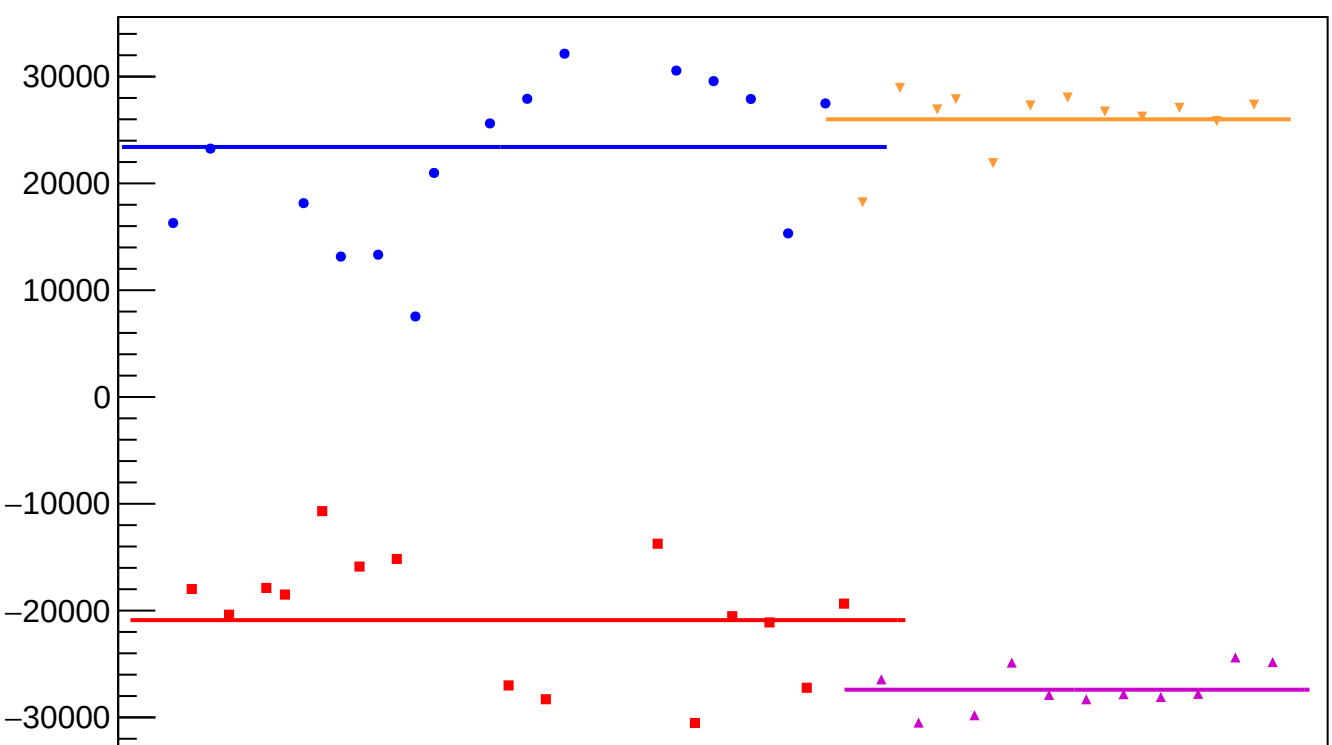
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

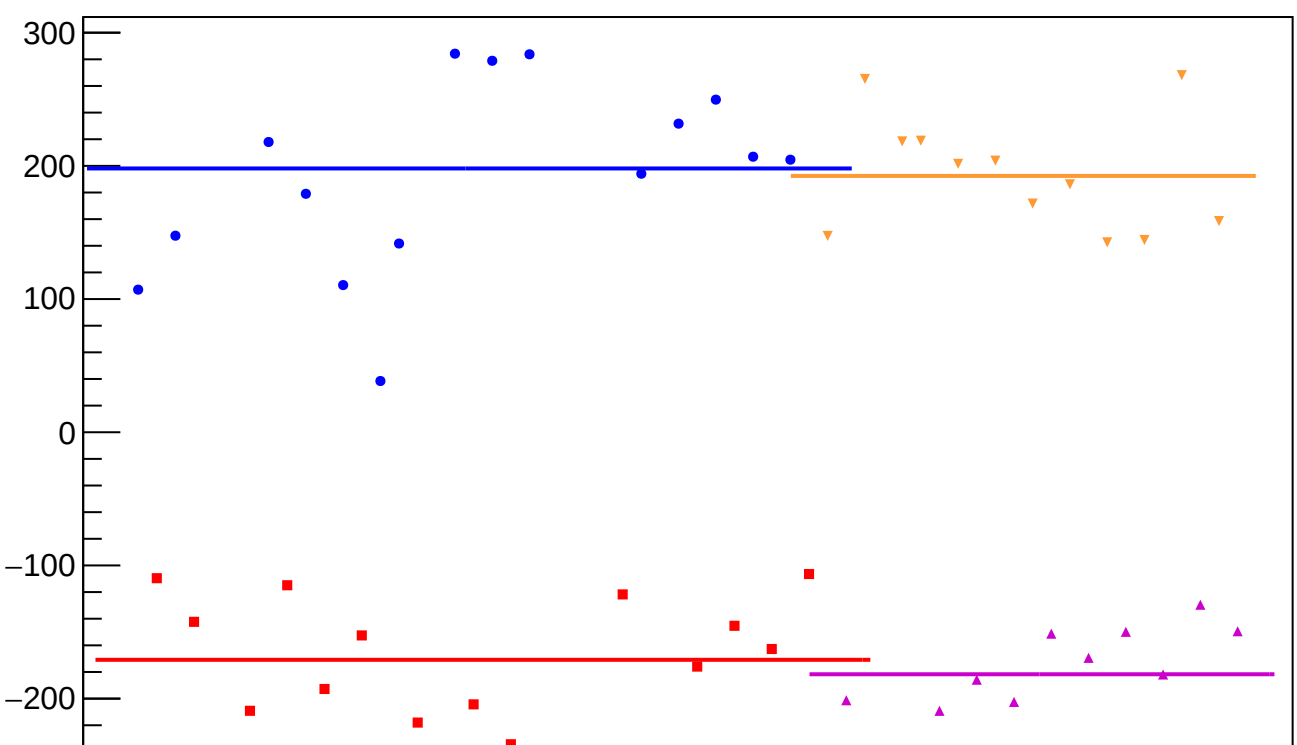
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

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

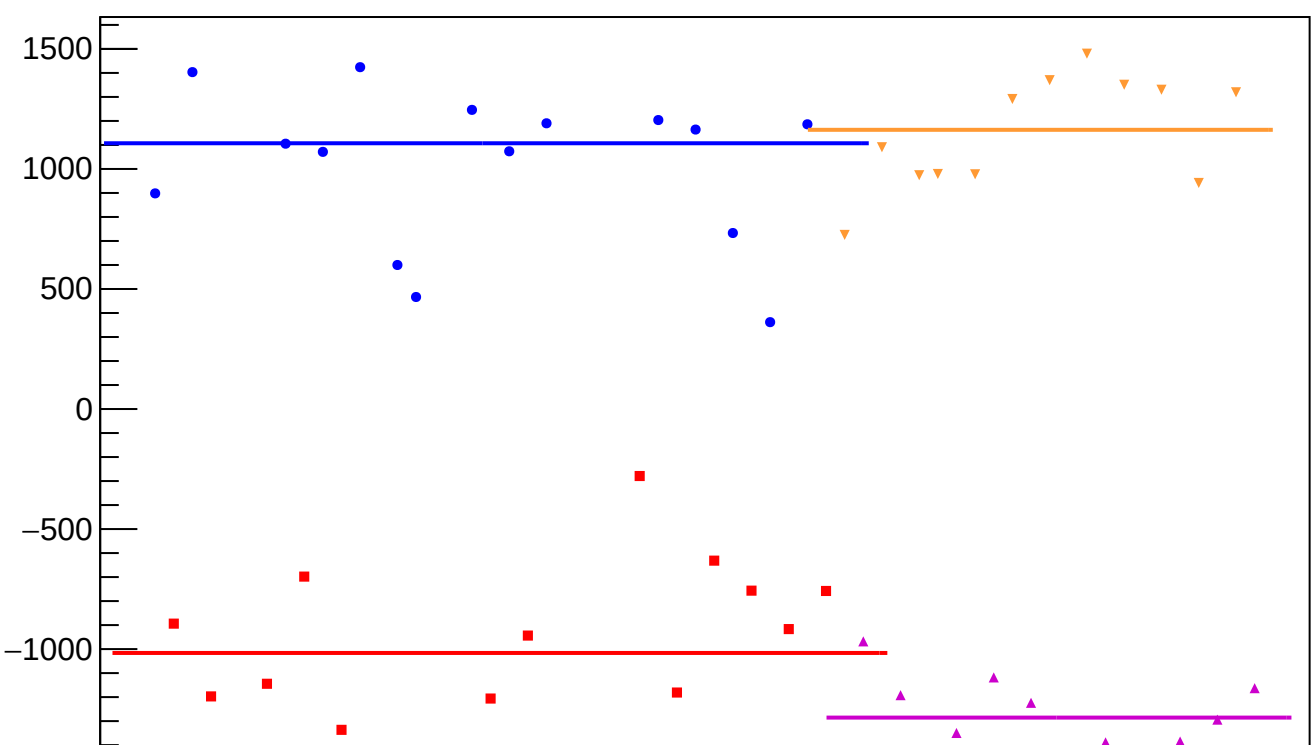
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

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

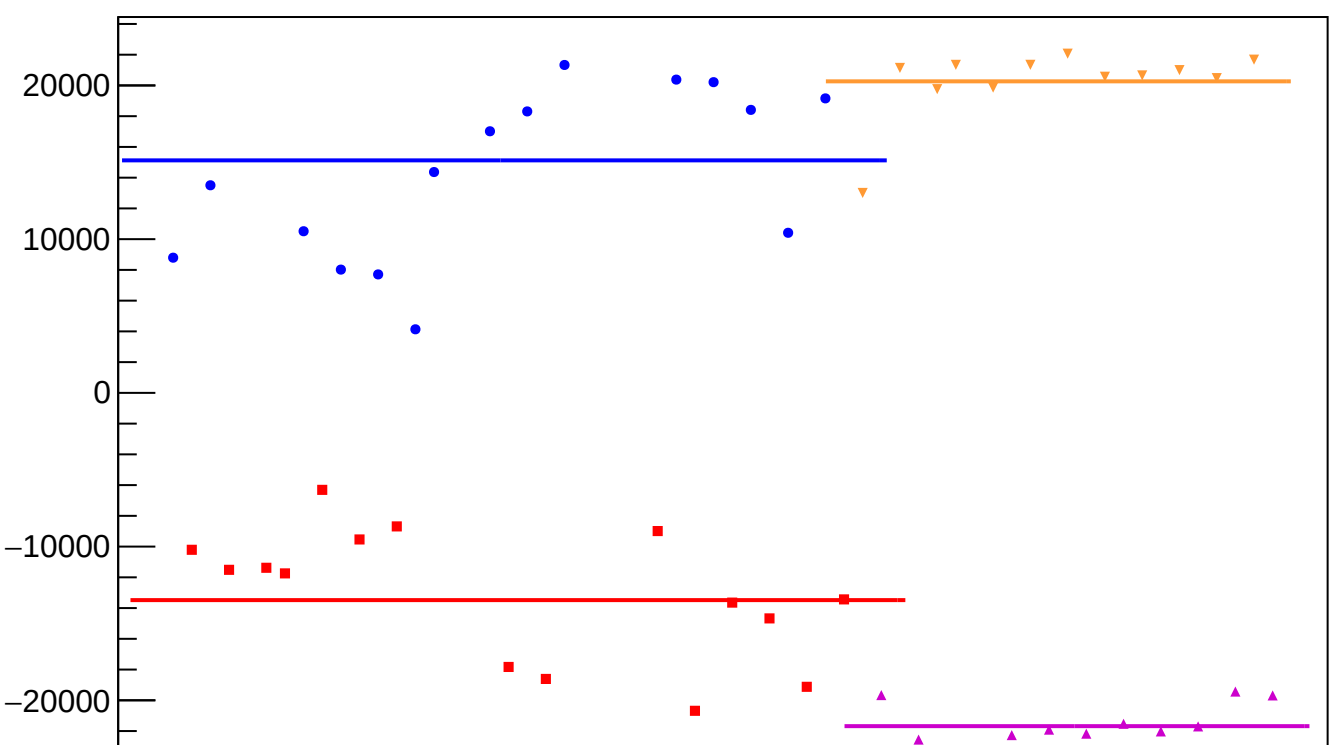
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

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

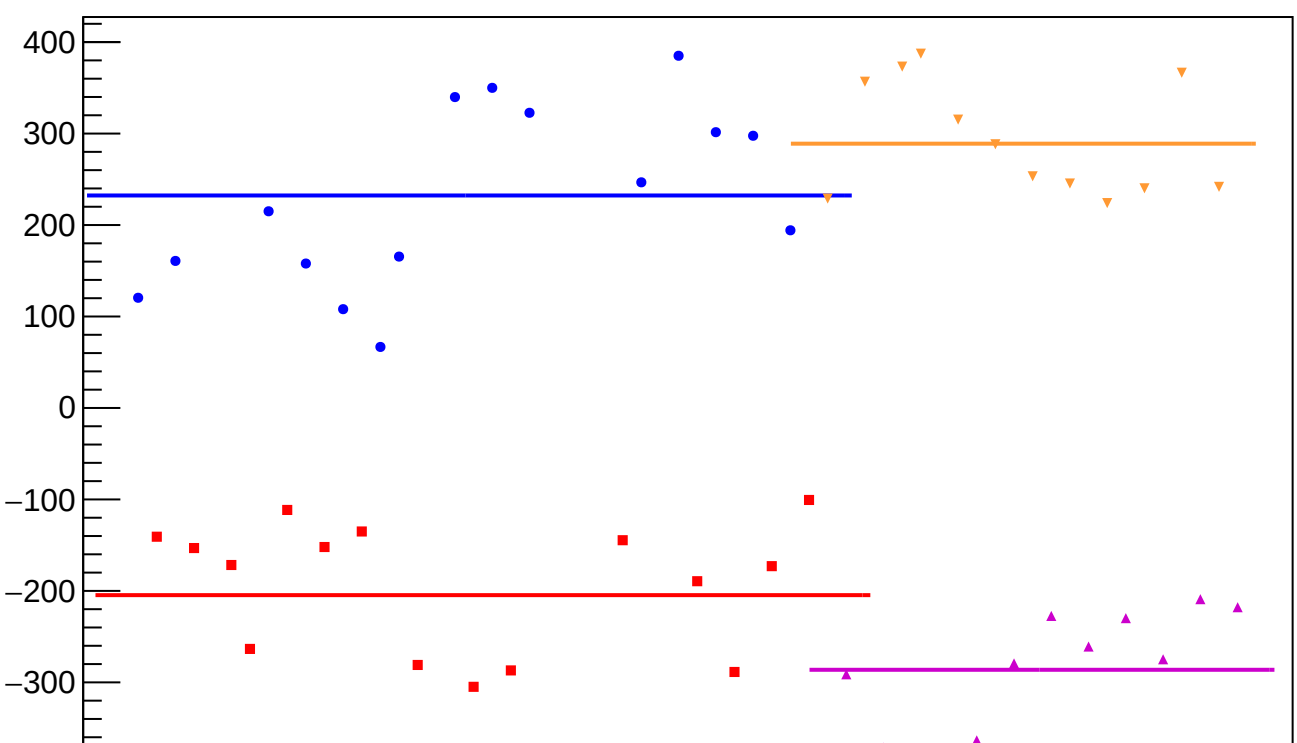
Right Out: -13482.244+/-0.000 χ^2/NDF: 1591042647540782525025224874981002208870 4.0/15

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

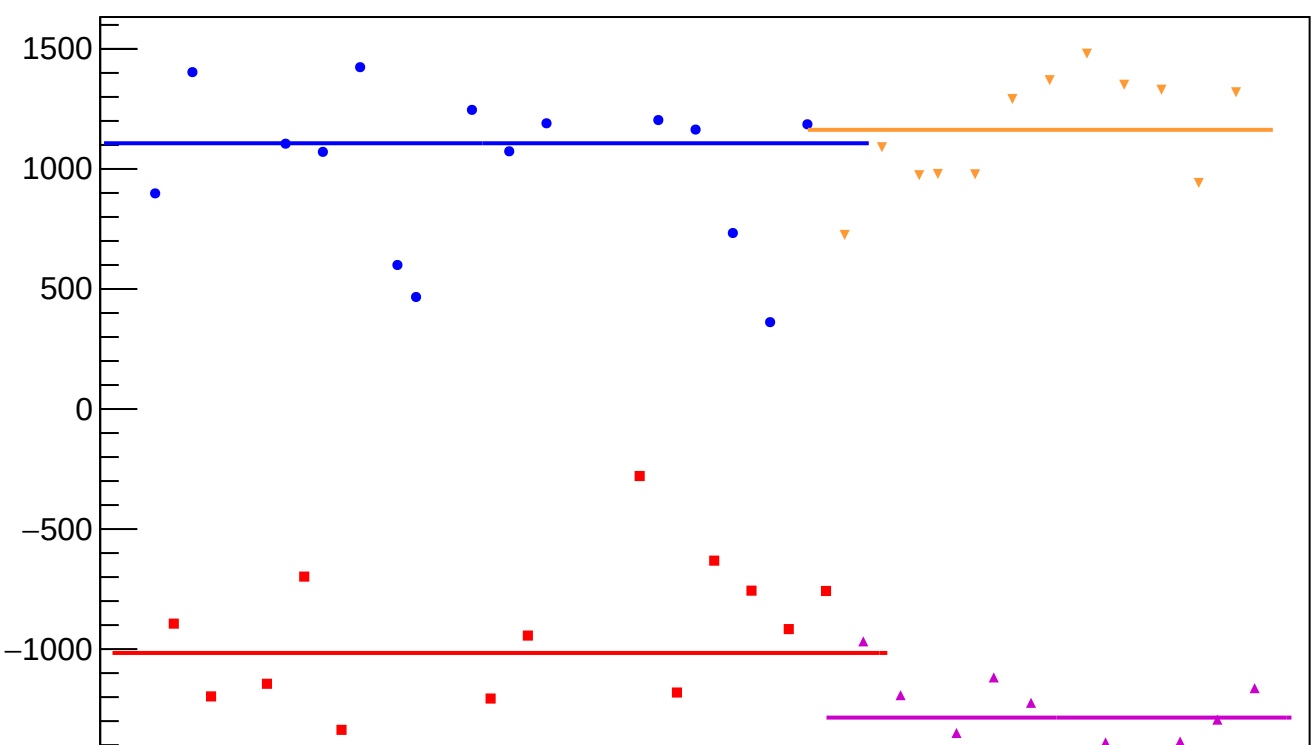
Right Out: -204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

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

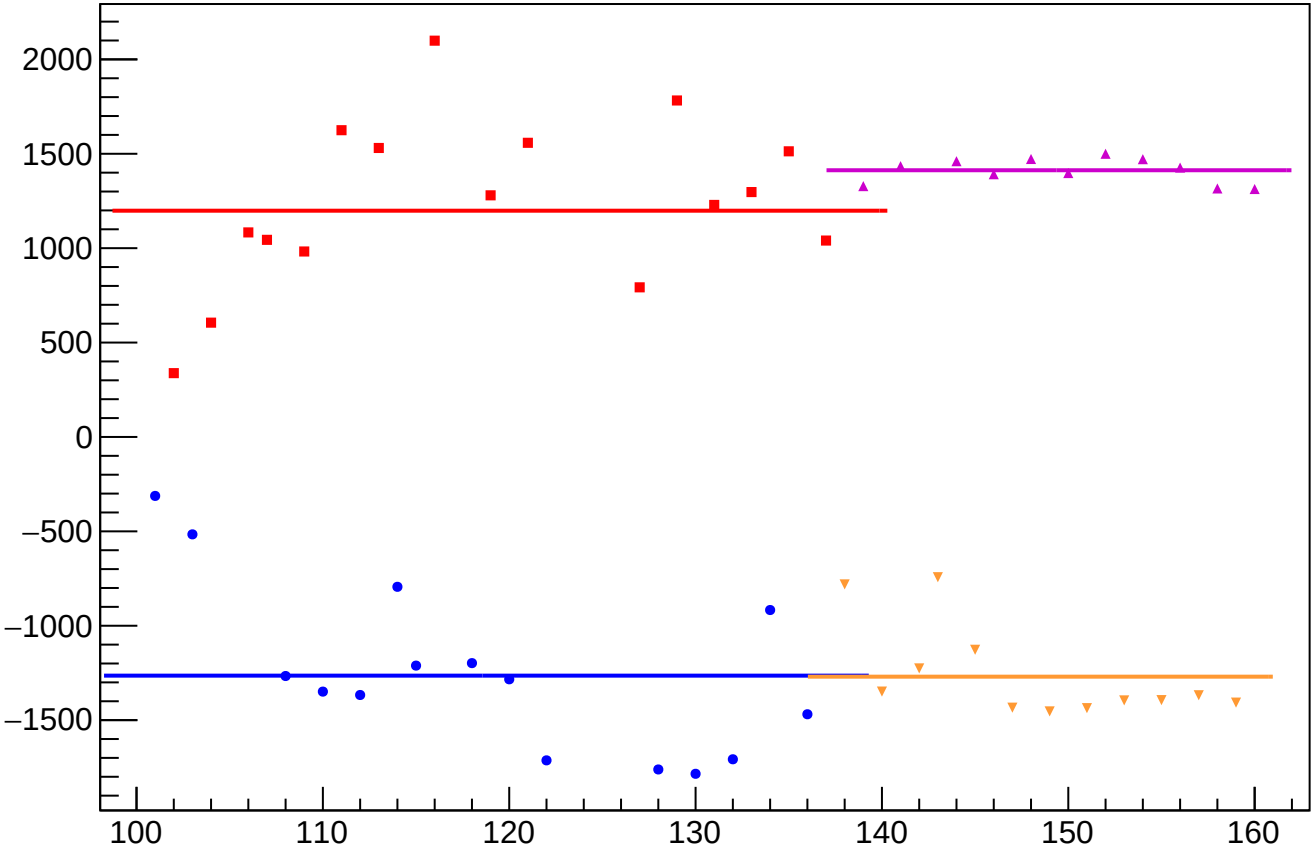
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

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

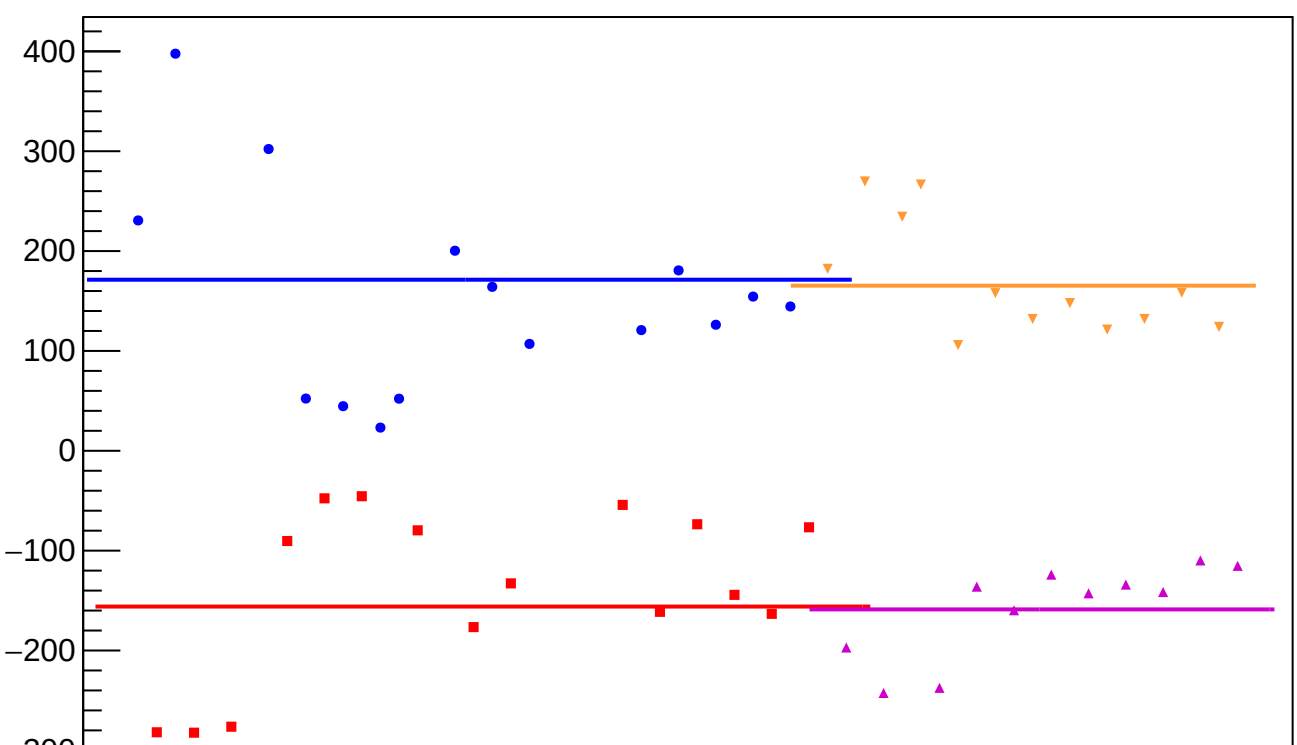
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15

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

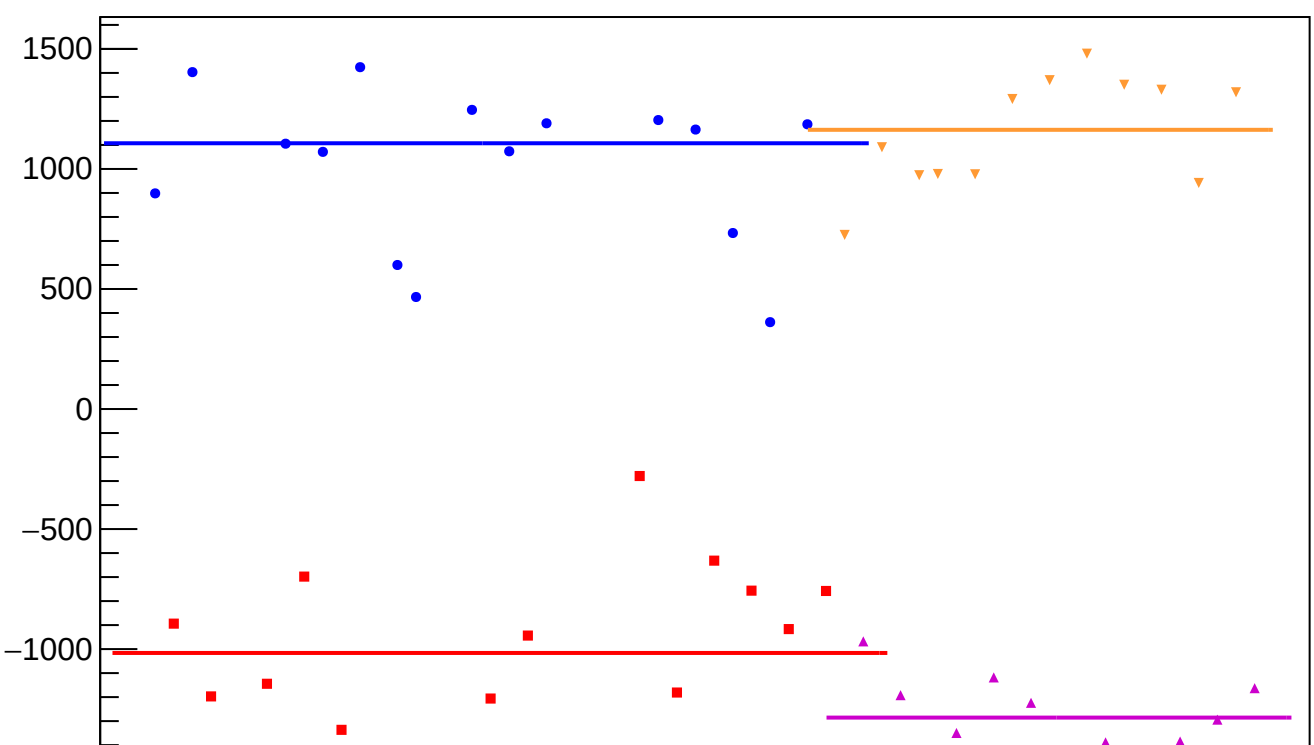
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

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

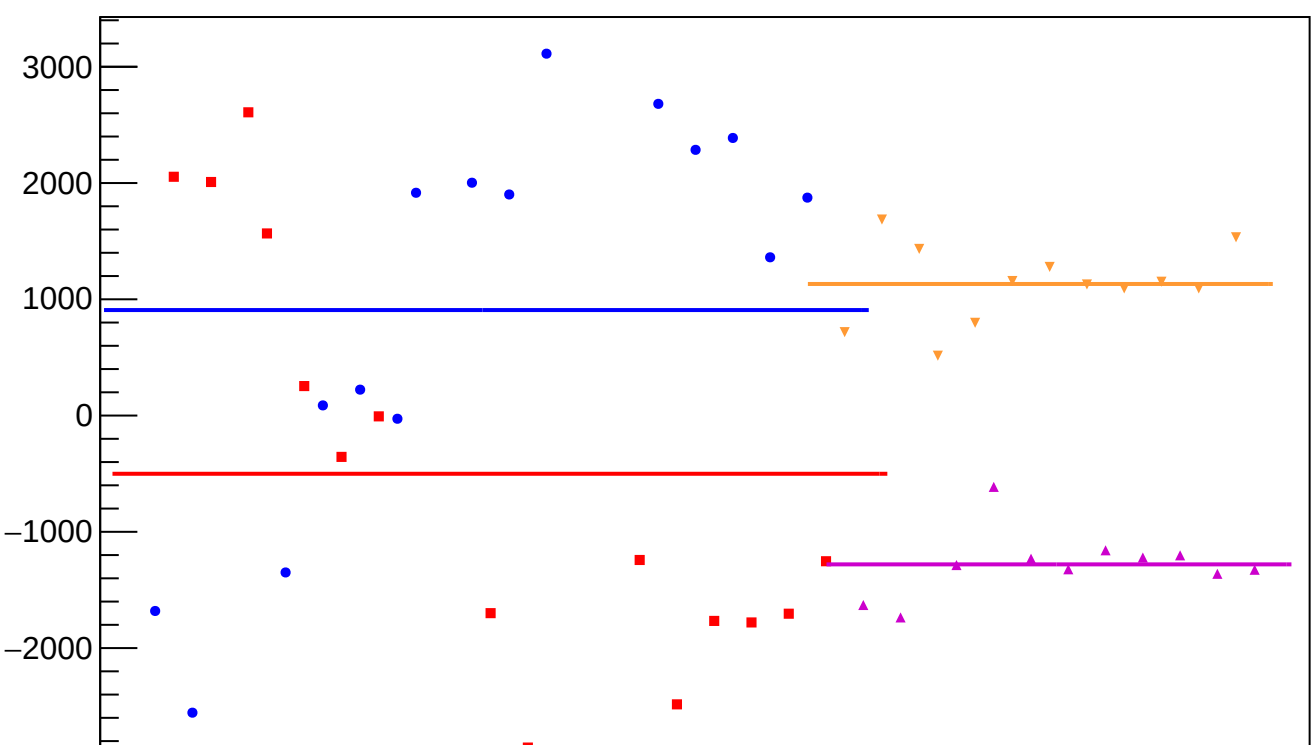
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

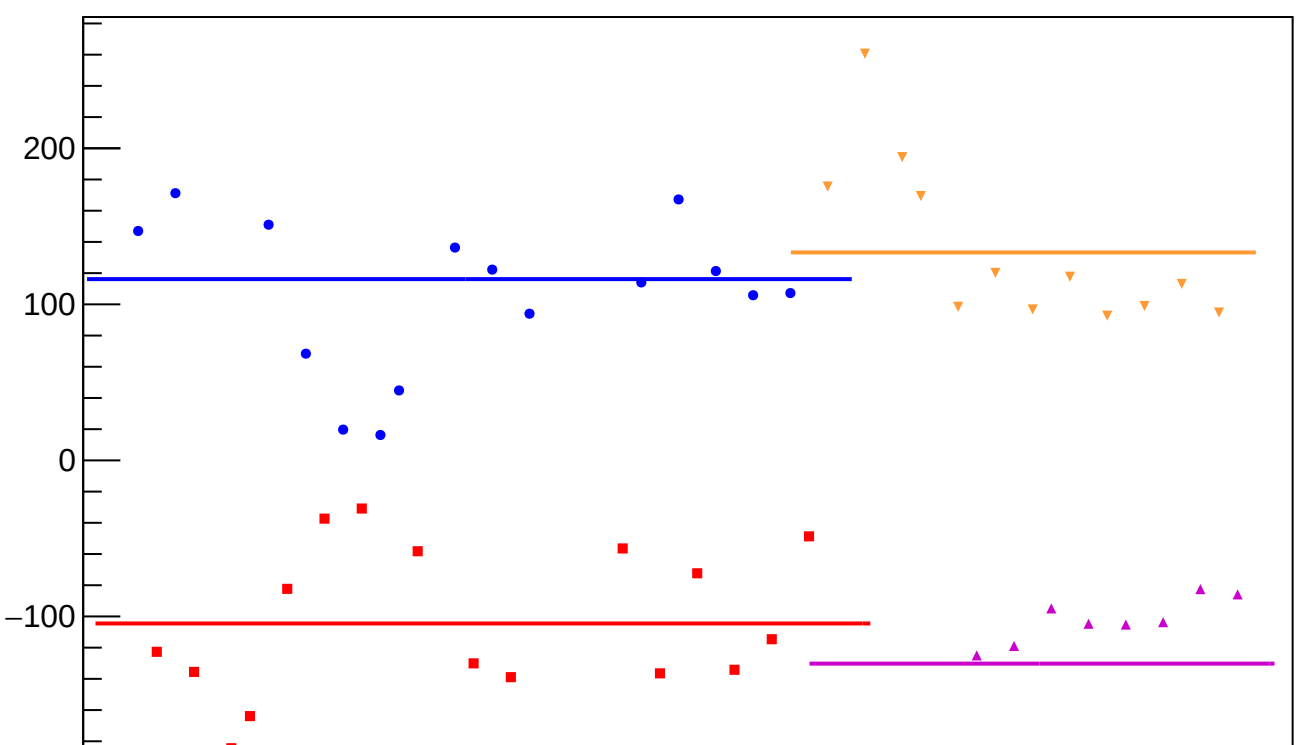
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

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

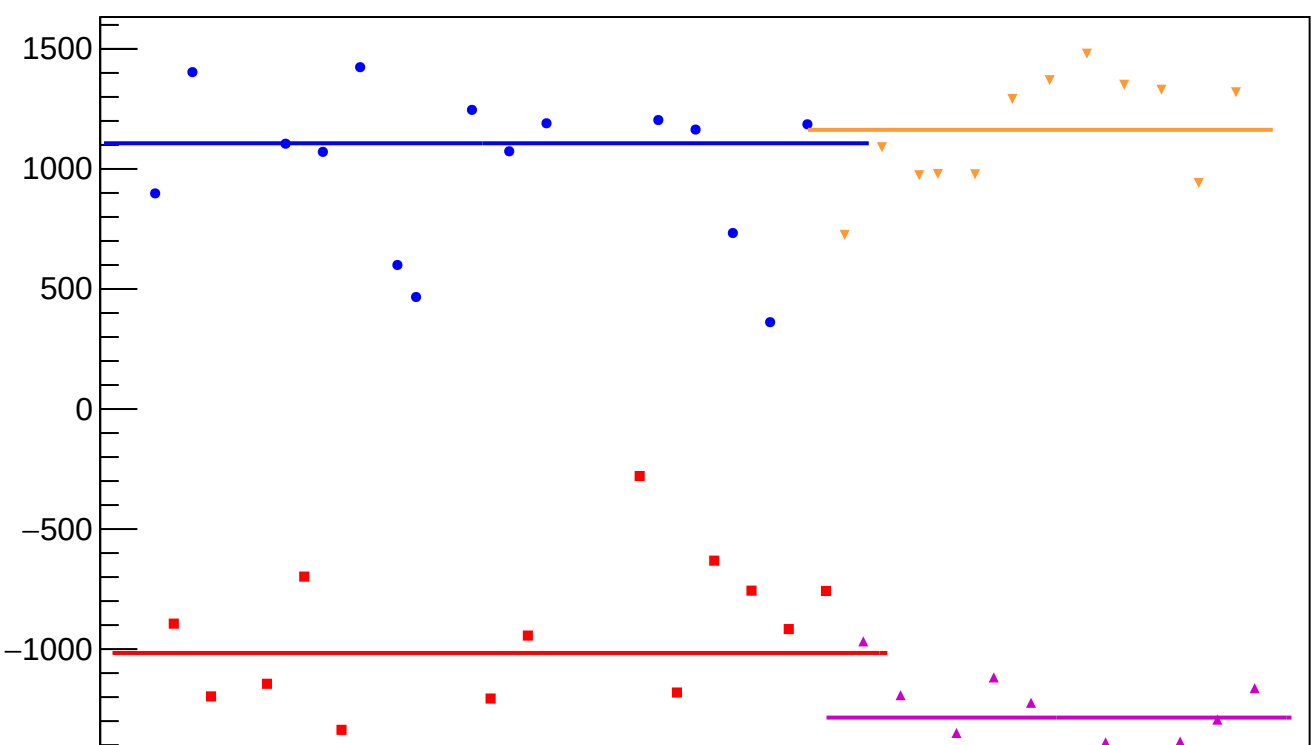
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

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

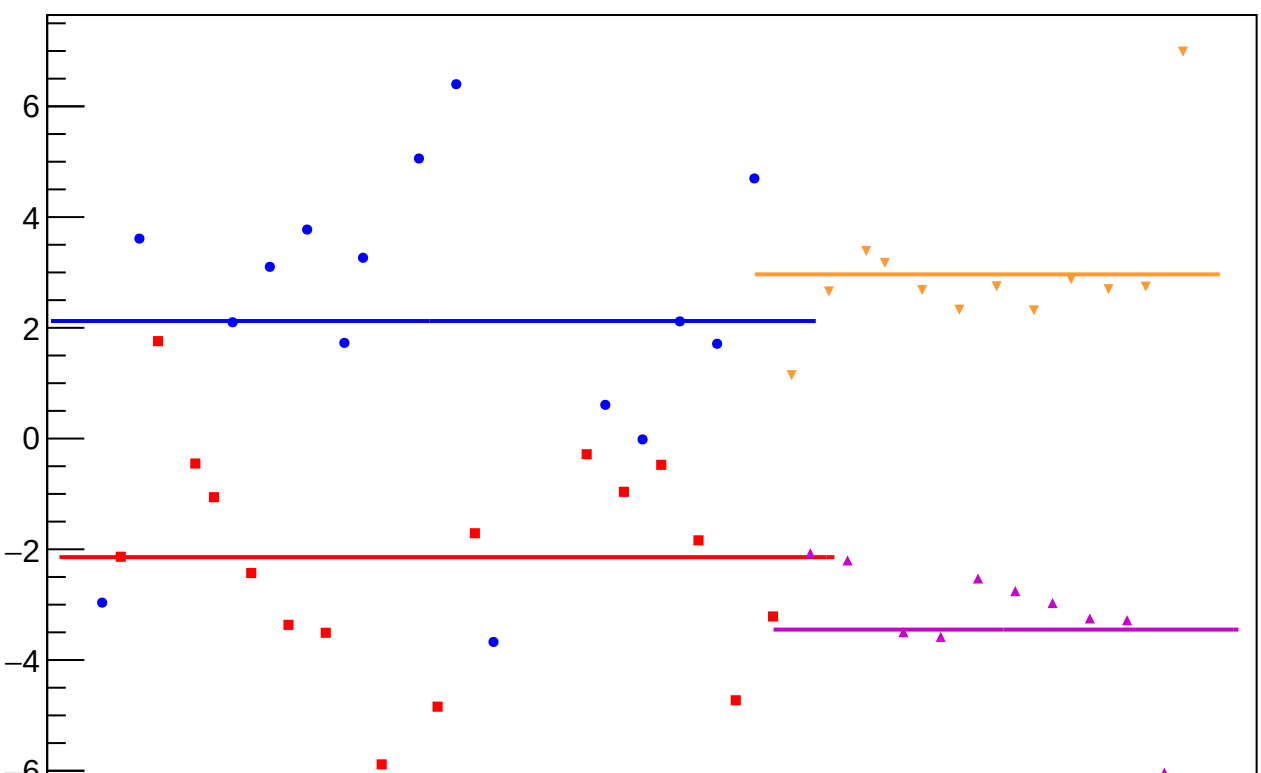
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

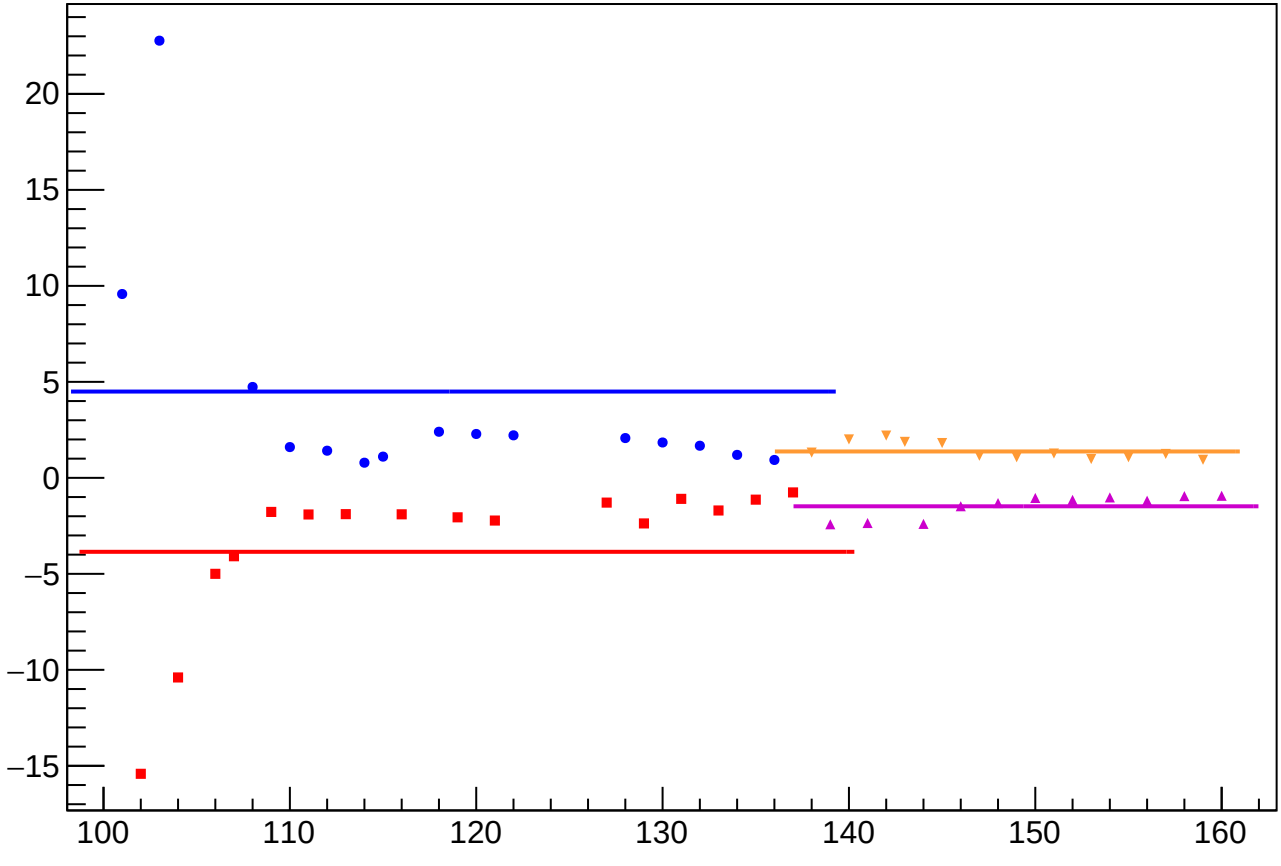
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

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

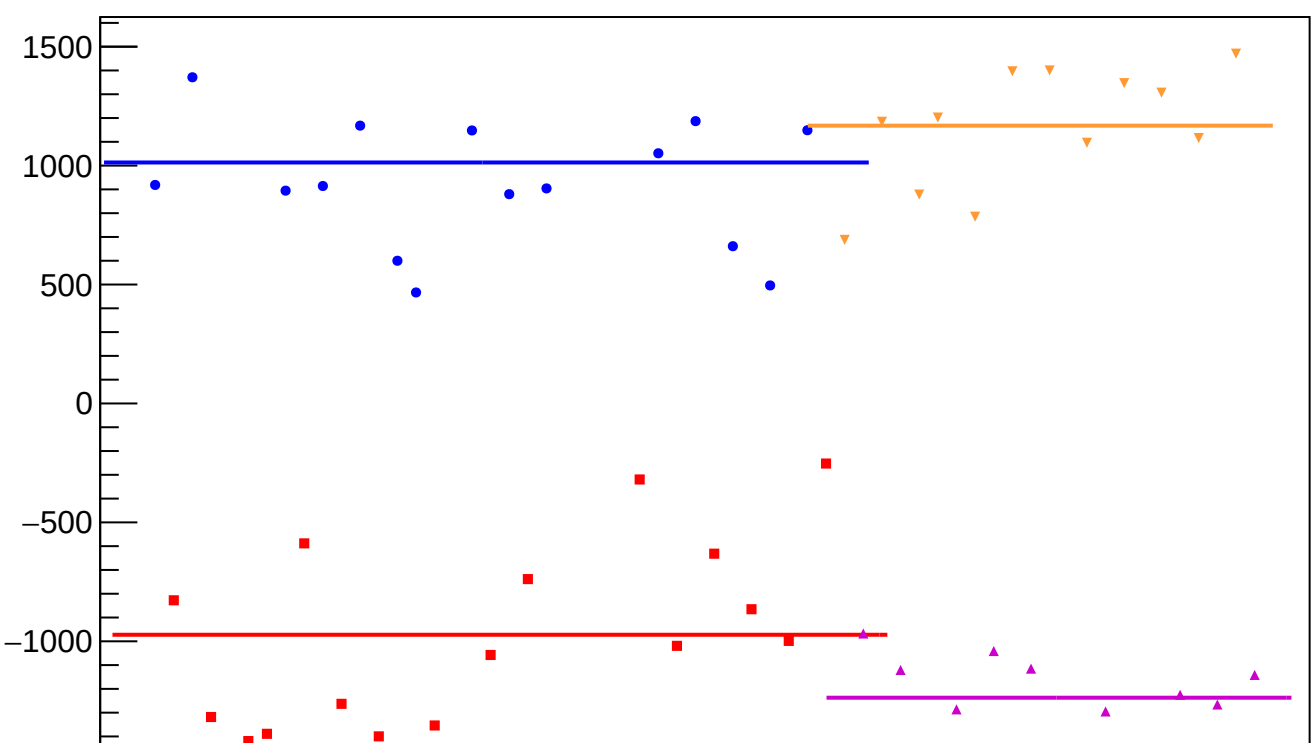
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

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

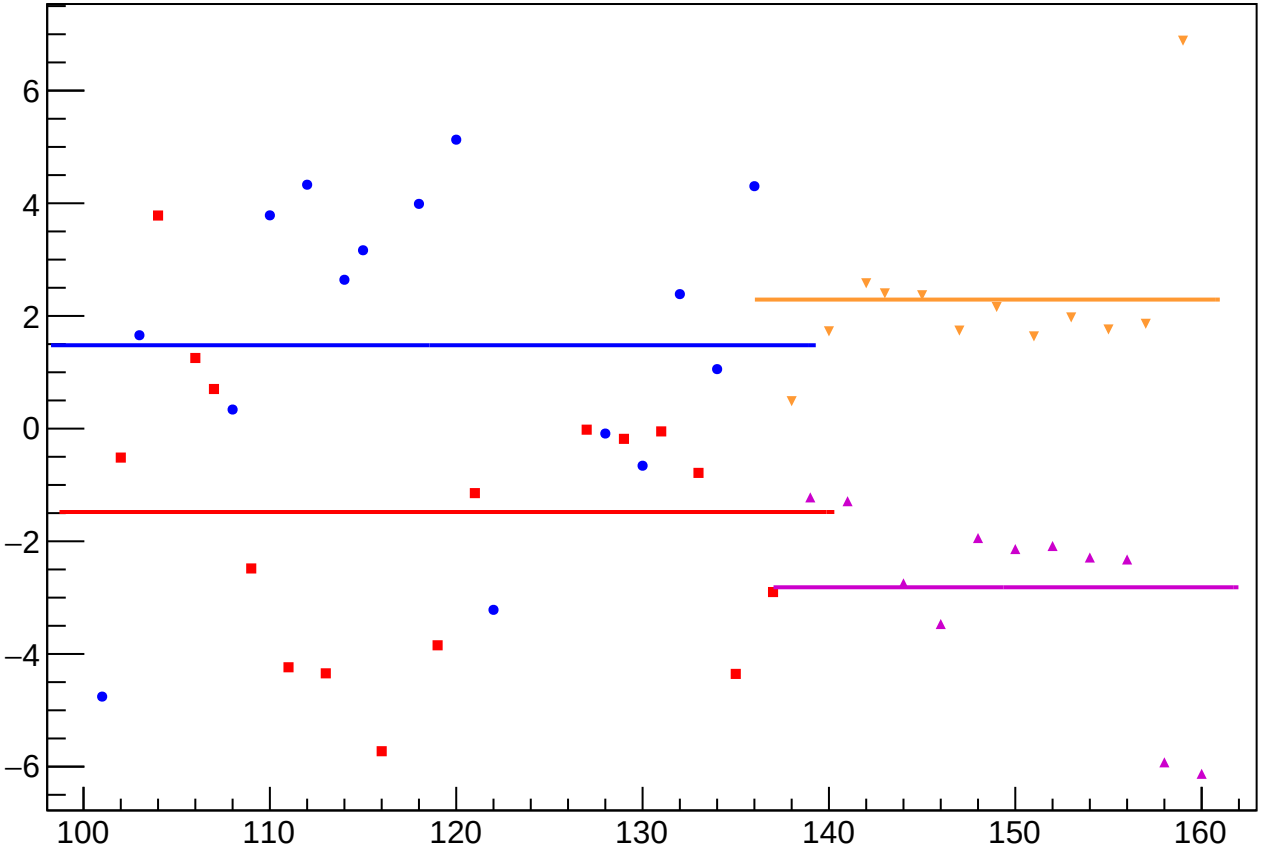
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

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

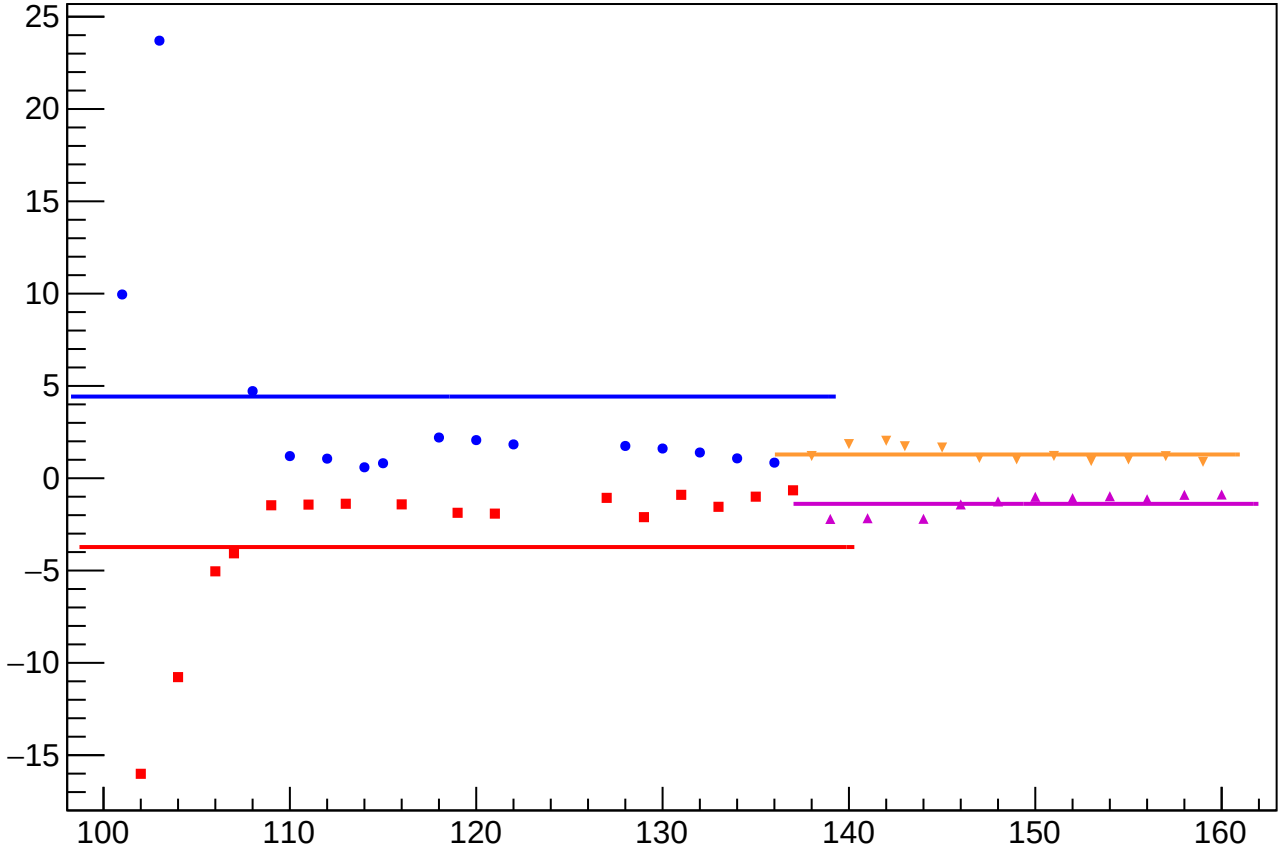
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

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

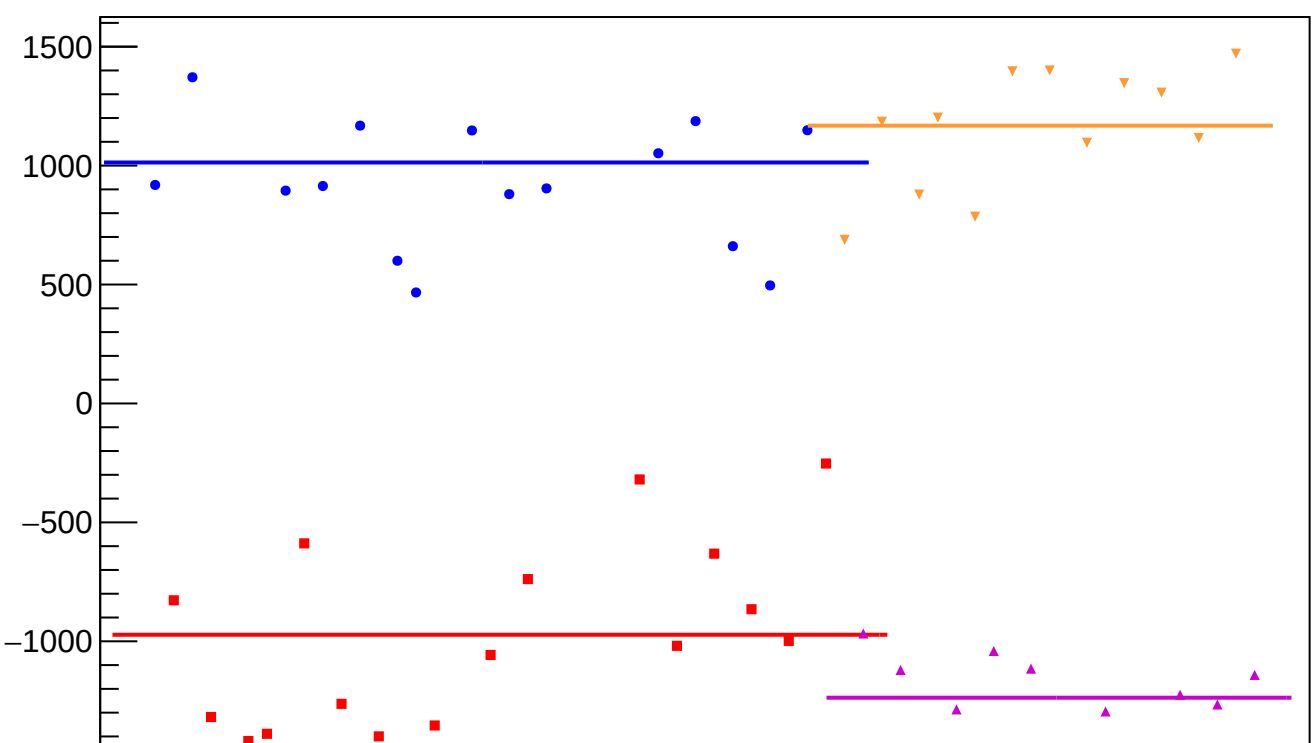
Right Out: -3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

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

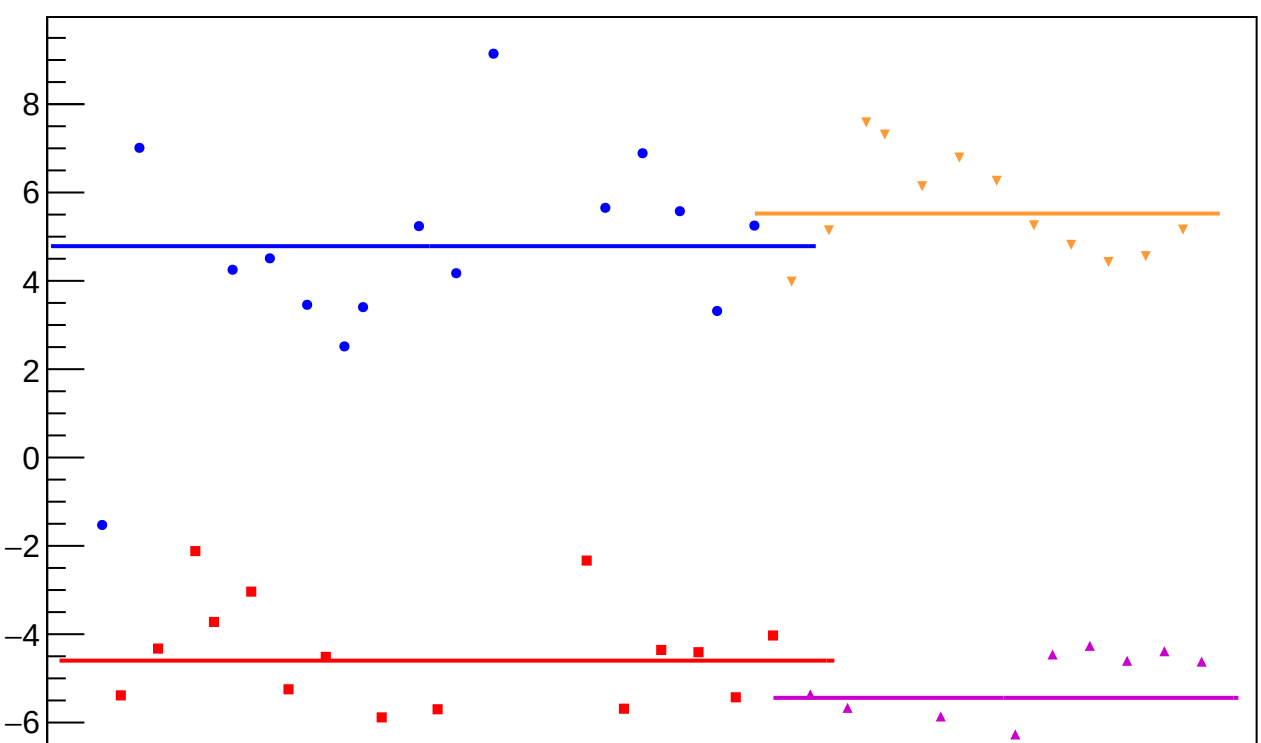
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

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

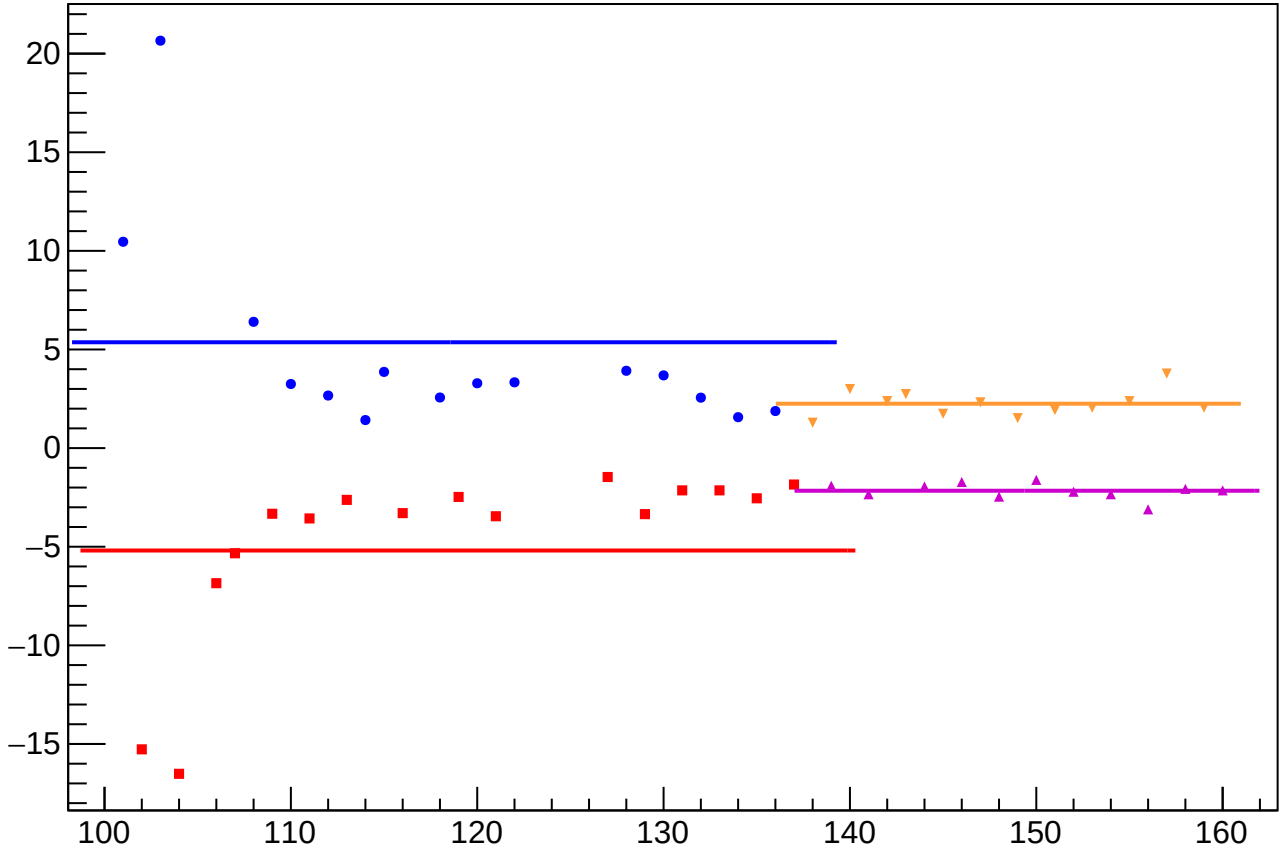
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2

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

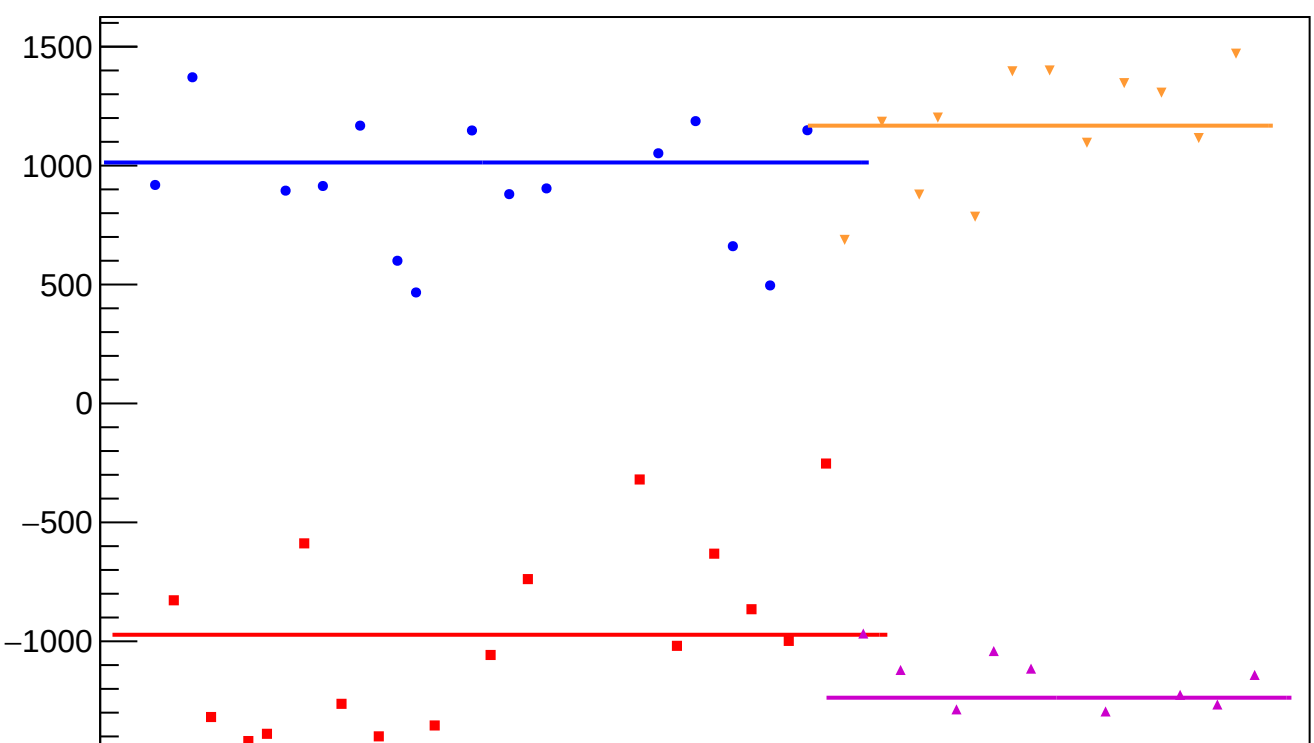
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

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

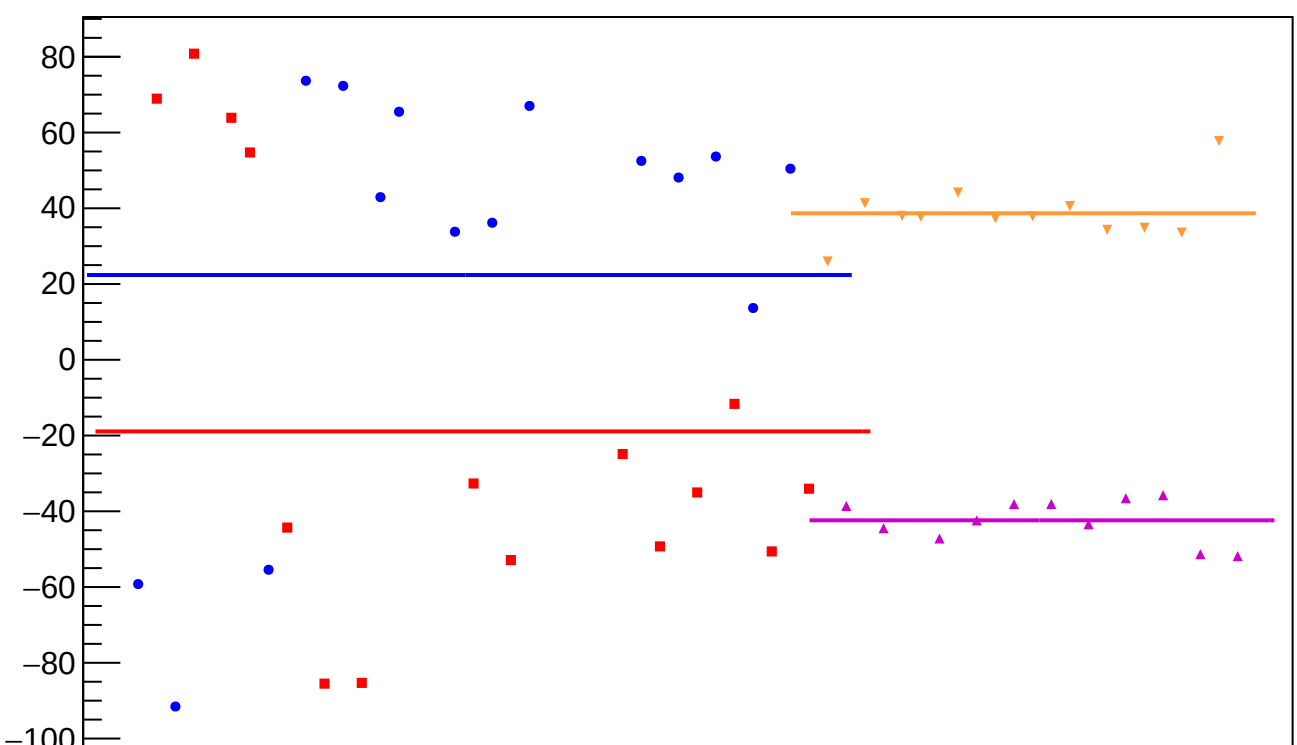
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

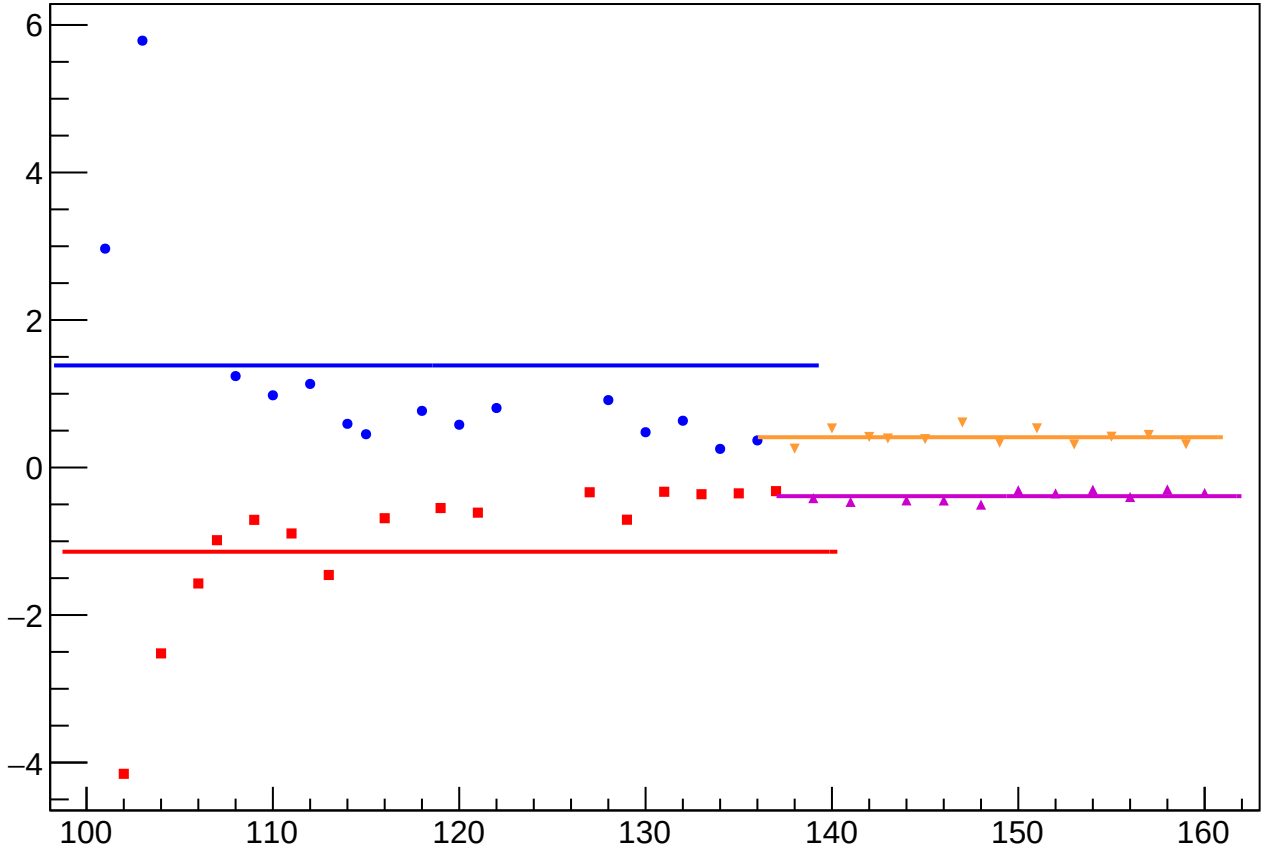
All: -20.018+/-0.000 χ^2/NDF: 415638151623

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

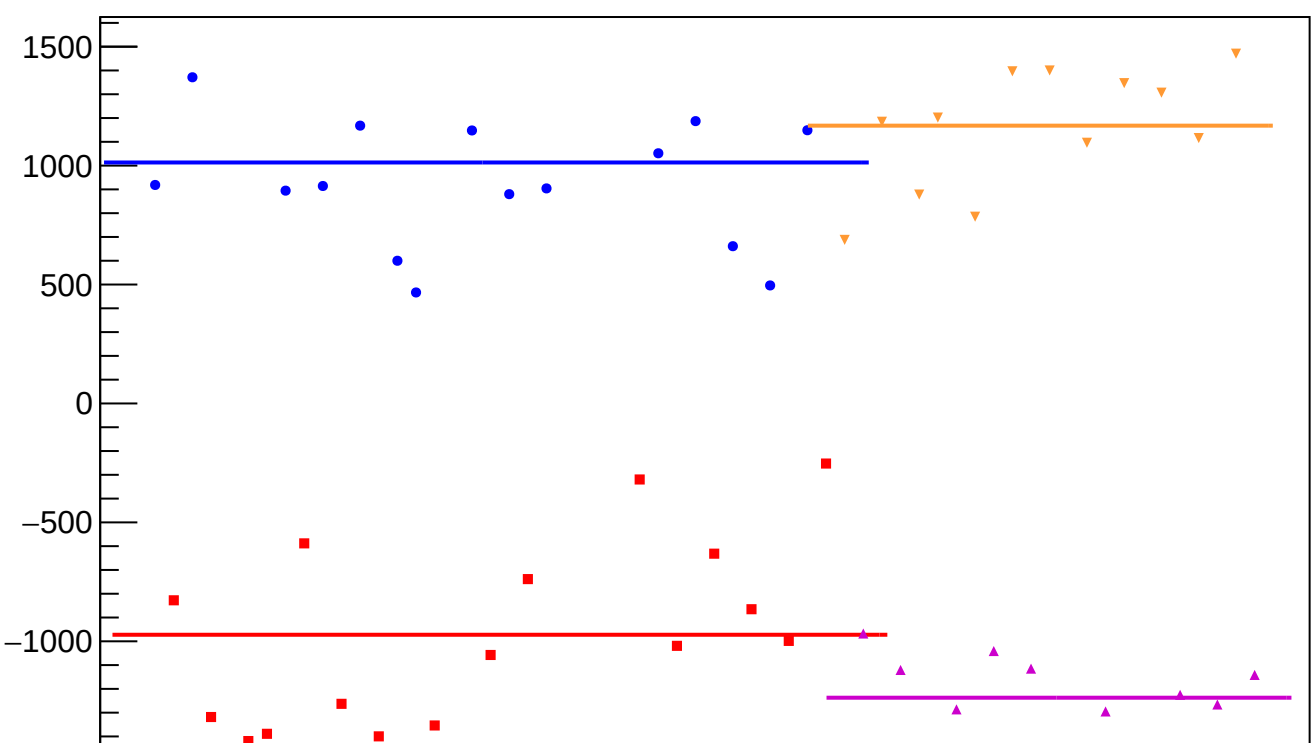
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

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

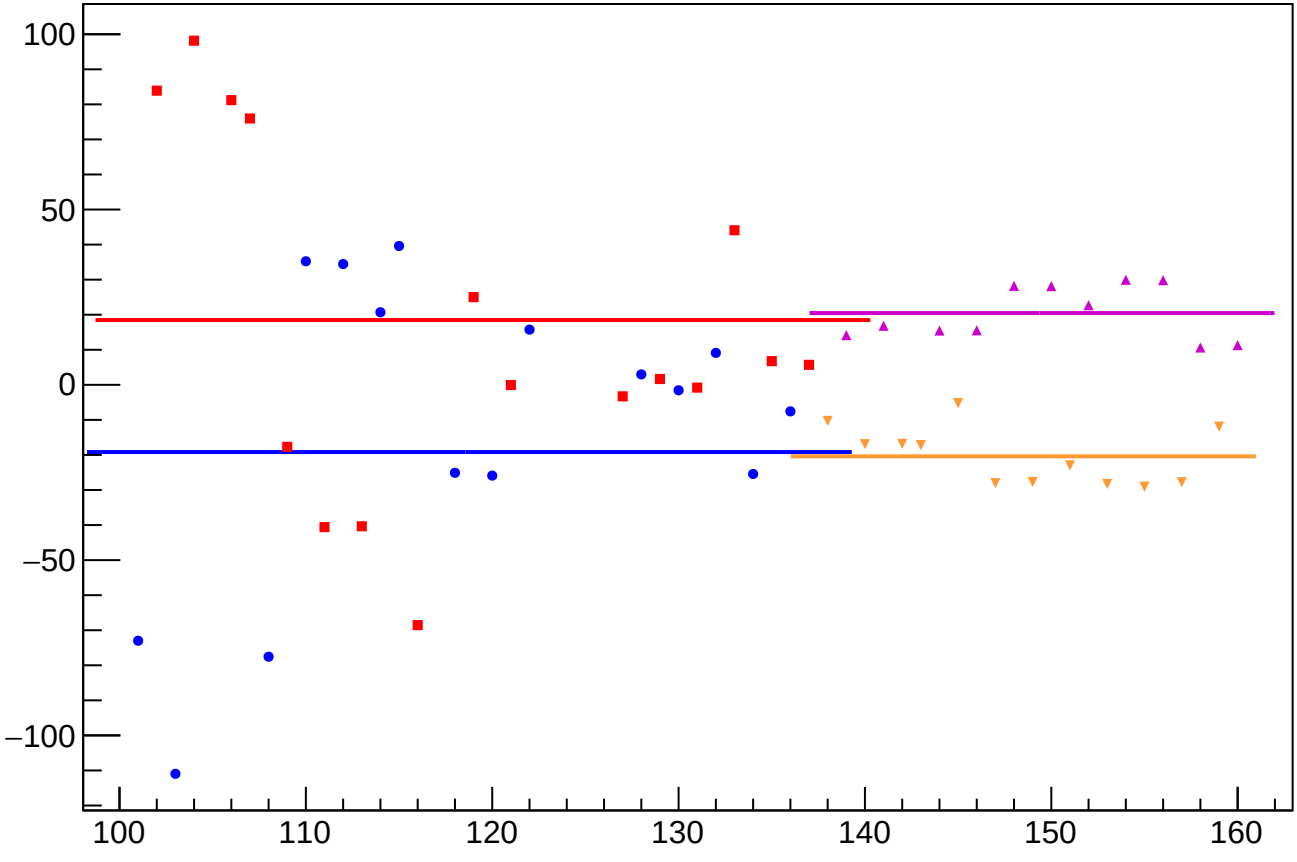
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

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

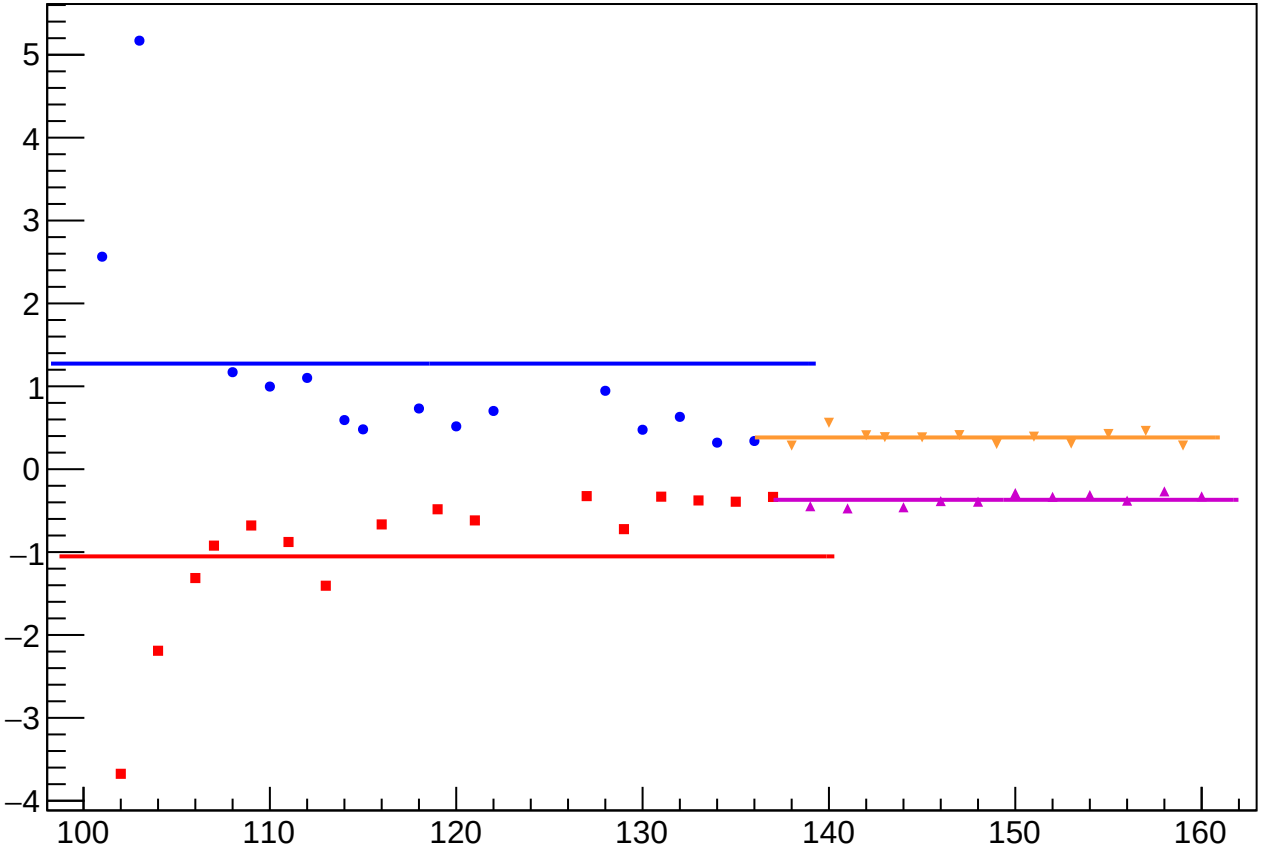
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

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

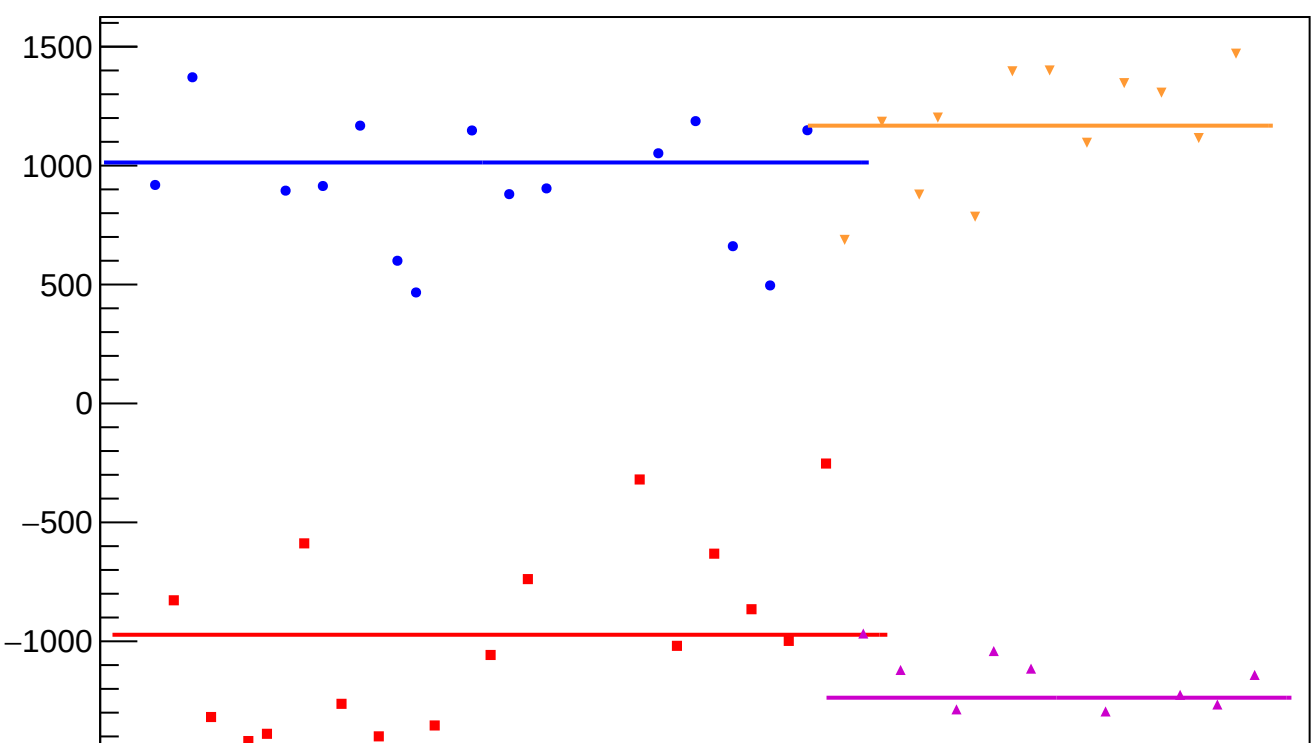
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

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

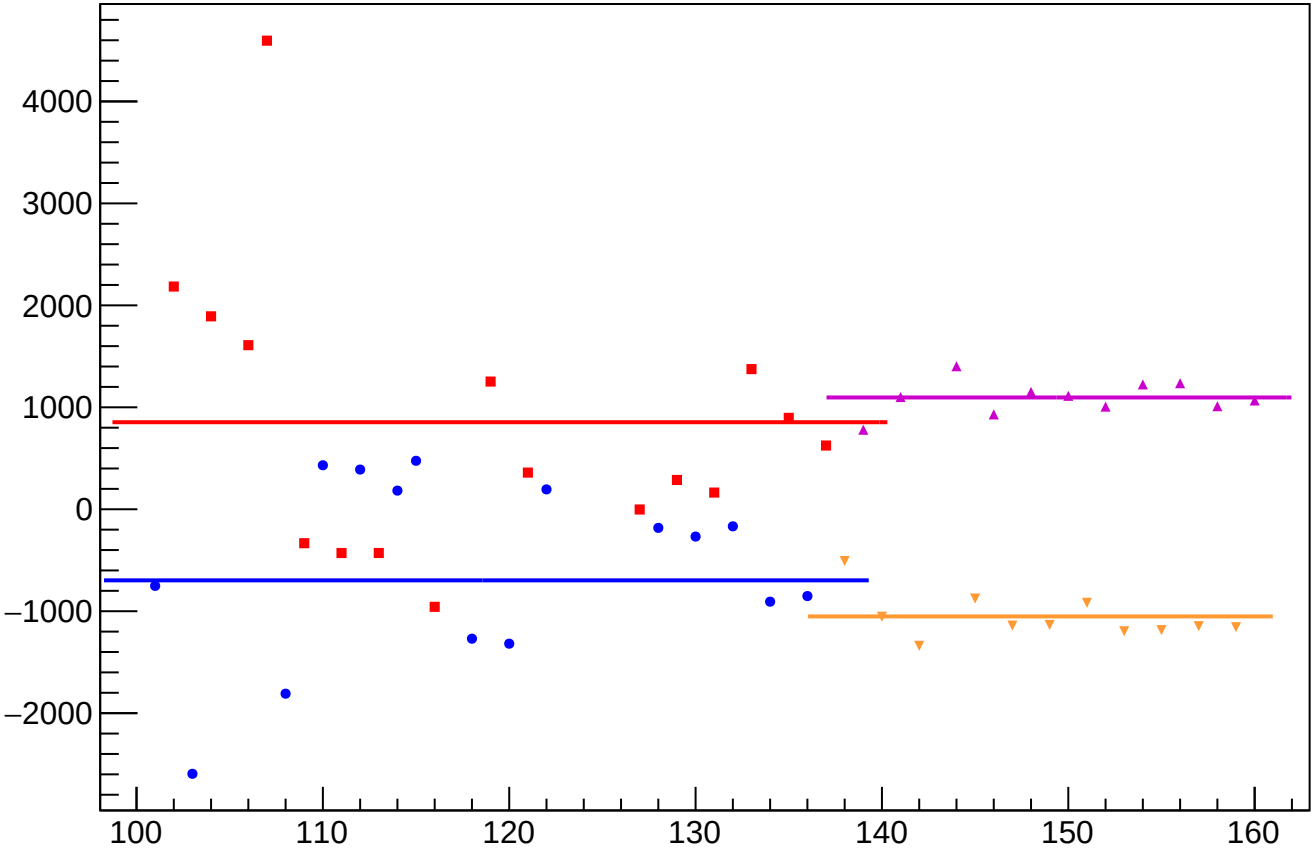
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

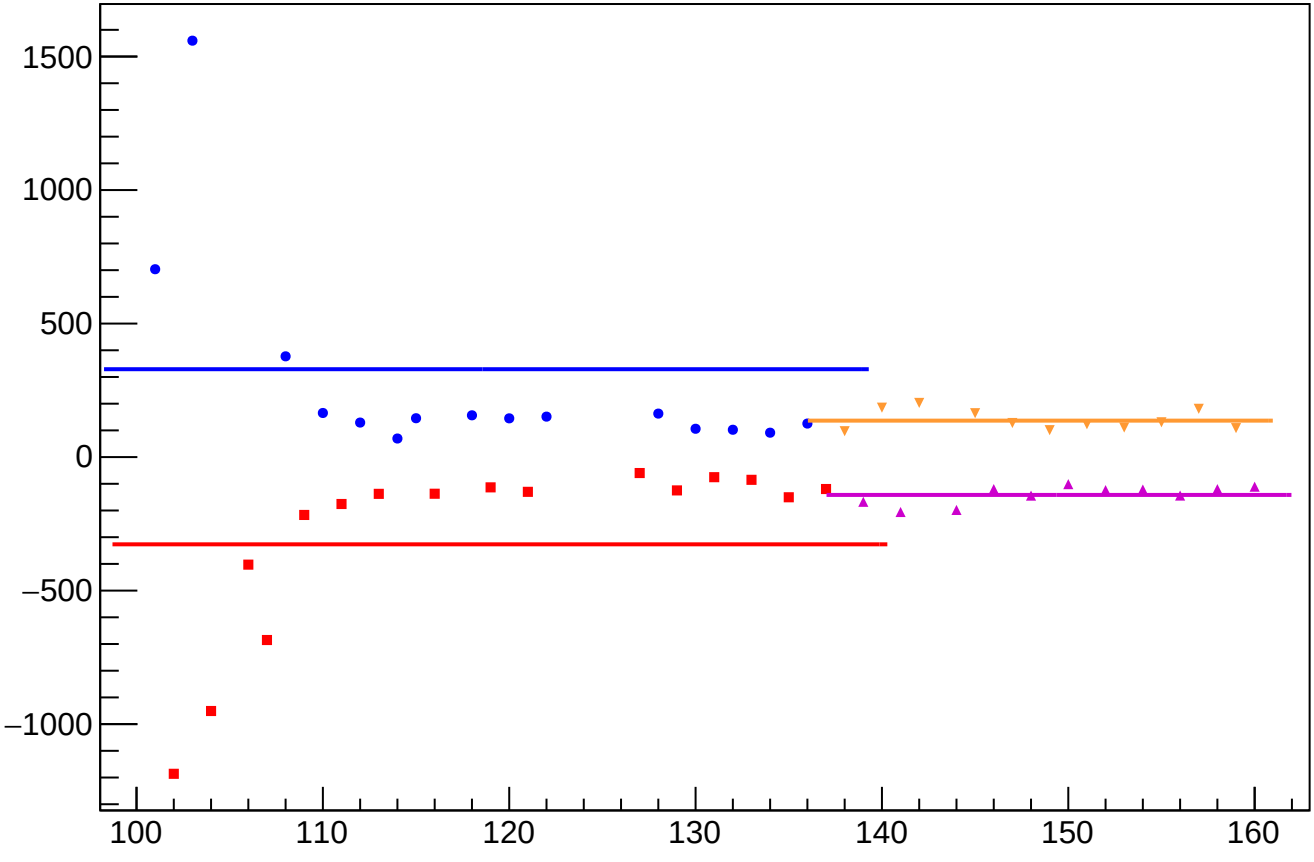
All: -20.018+/-0.000 χ^2/NDF: 415638151623

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

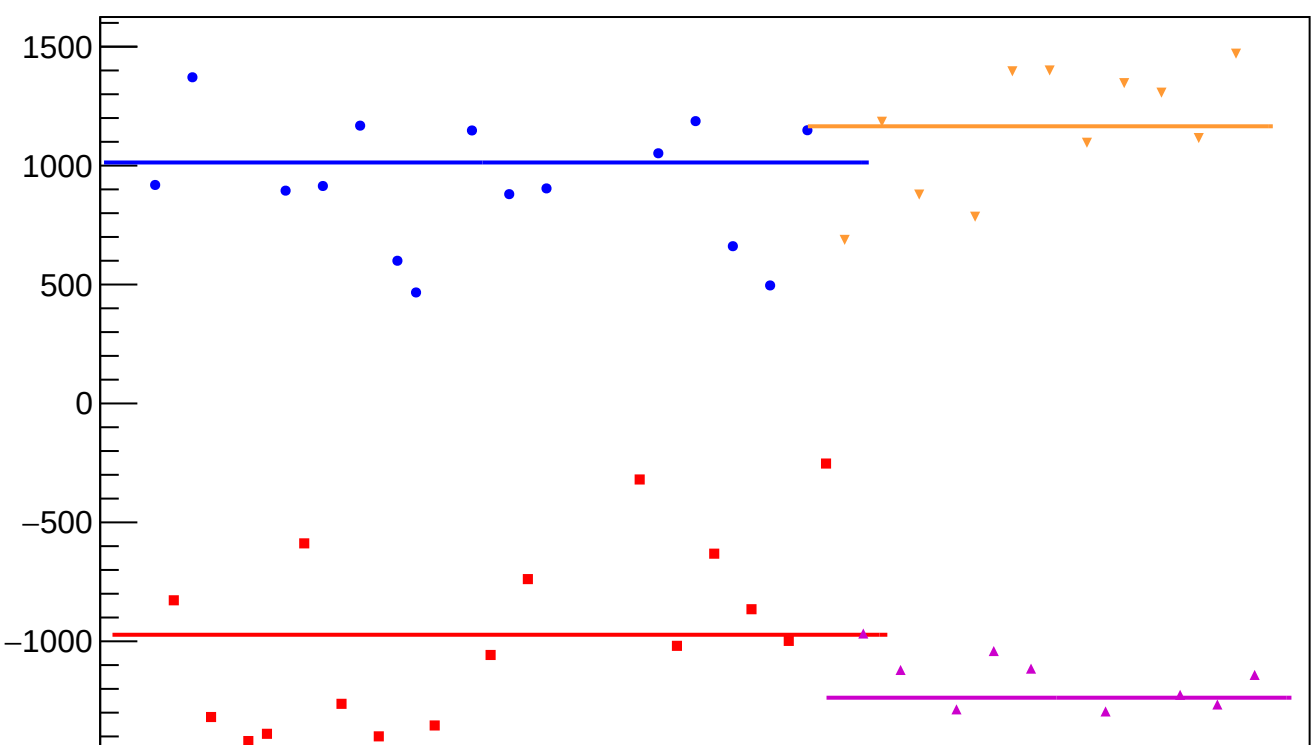
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15

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

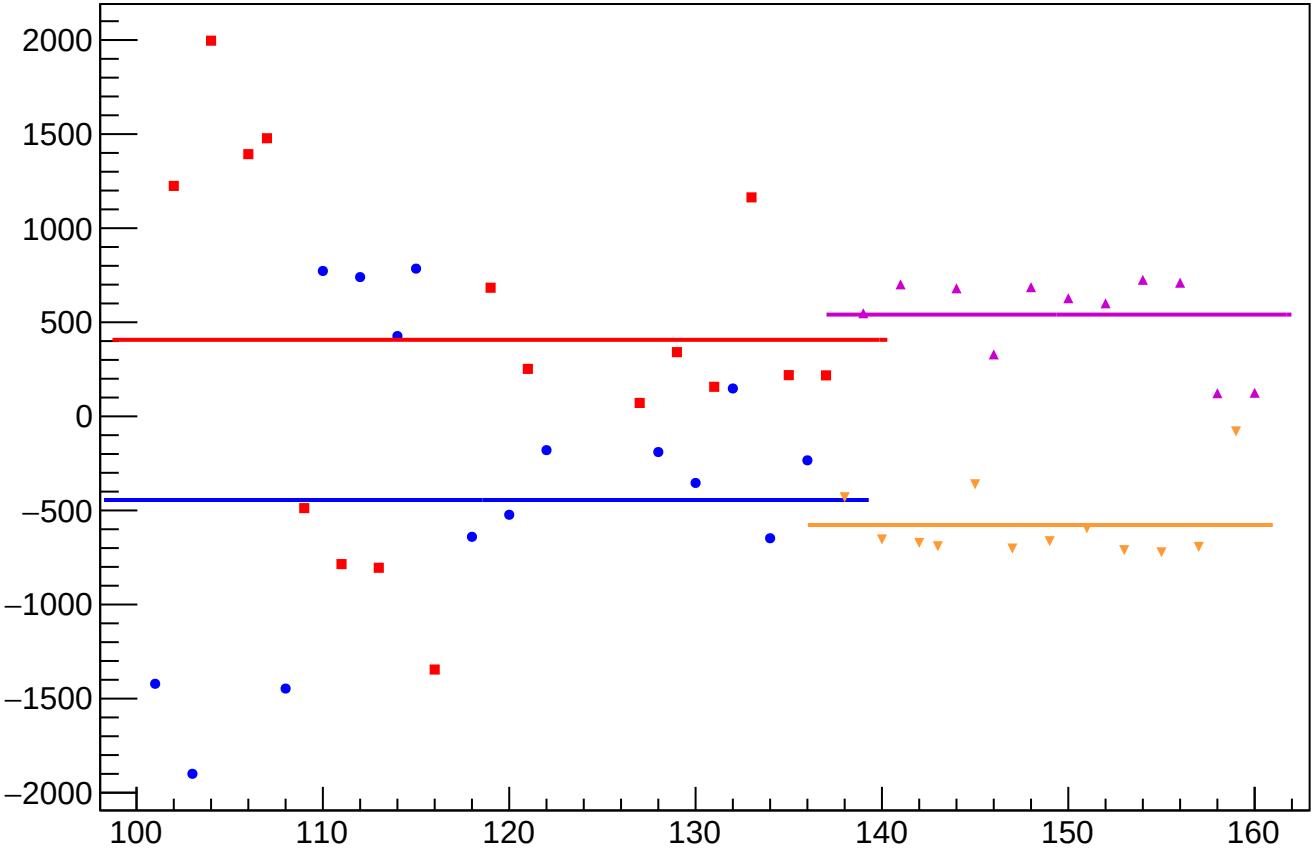
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 225.356+/-0.000 χ^2/NDF:184136487145433 2

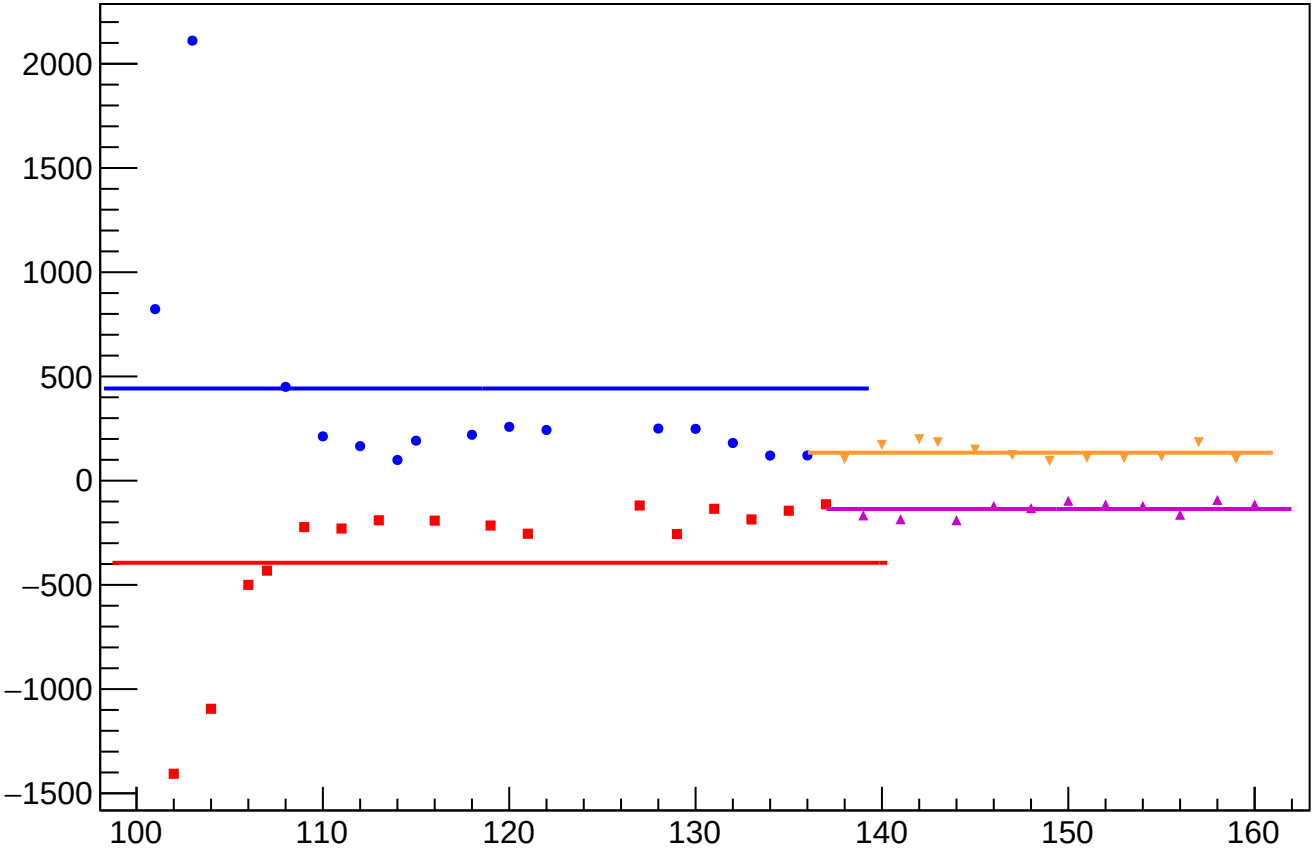
All: -46.515+/-0.000 χ^2/NDF: 405416159509

dit_usr_coil6_mean vs Slug, Sign Corrected



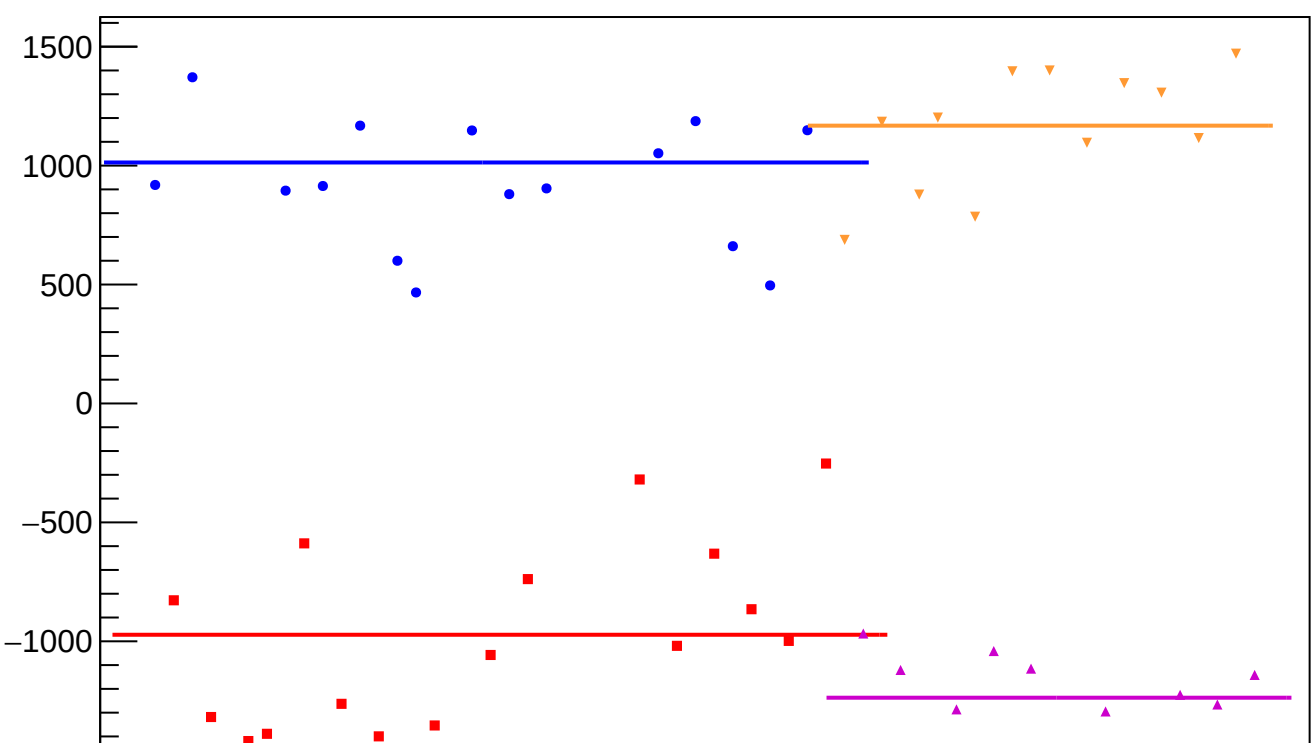
Left: -16.142+/-0.000 χ^2/NDF: 6513466746127000
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -577.377+/-0.000 χ^2/NDF:331819834558311535858388162900435927 04.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
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

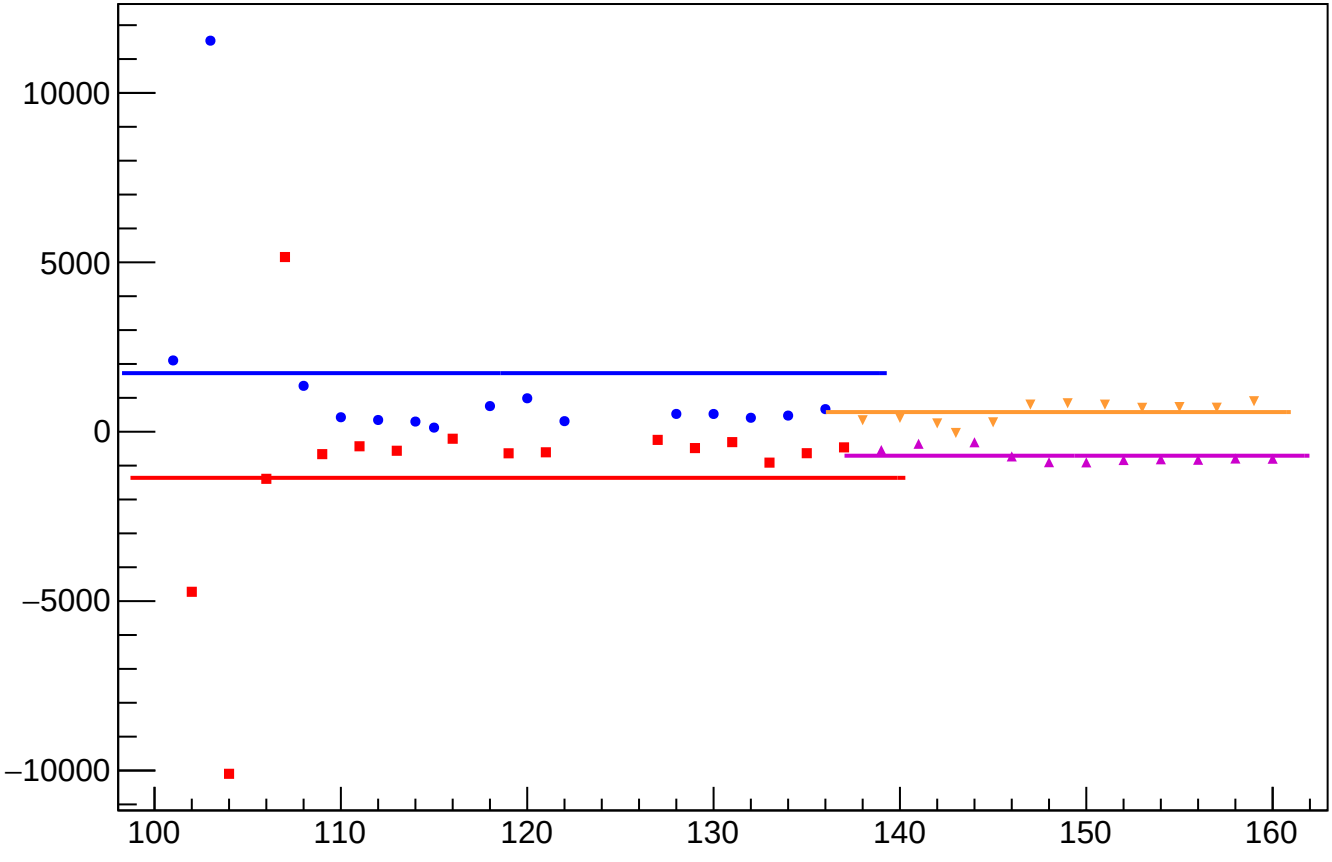
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

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

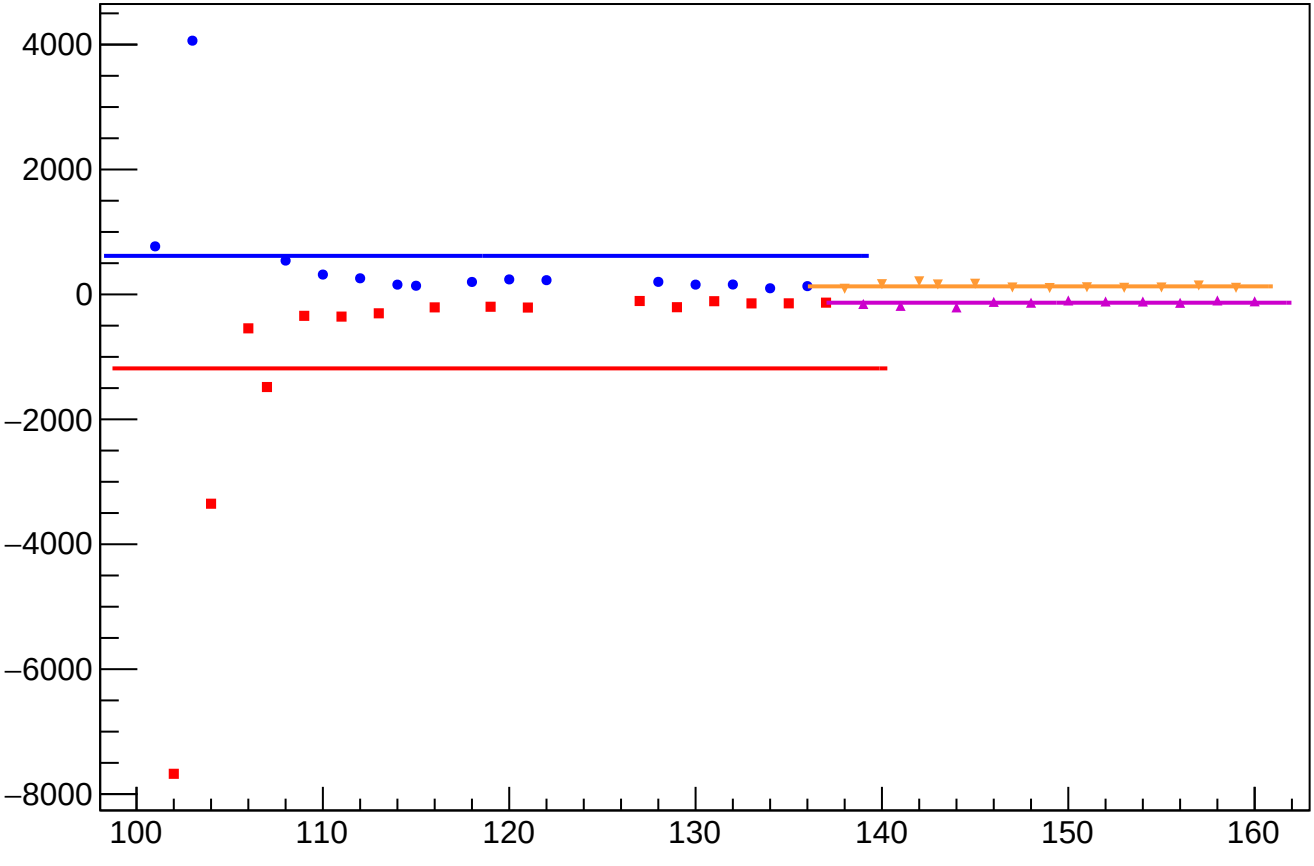
Right Out: -1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617446 4.0/15

Out: -237.148+/-0.000 χ^2/NDF:795746504420741

Left In: -707.889+/-0.000 χ^2/NDF:381164861888179806990324260024321310 72.0/10

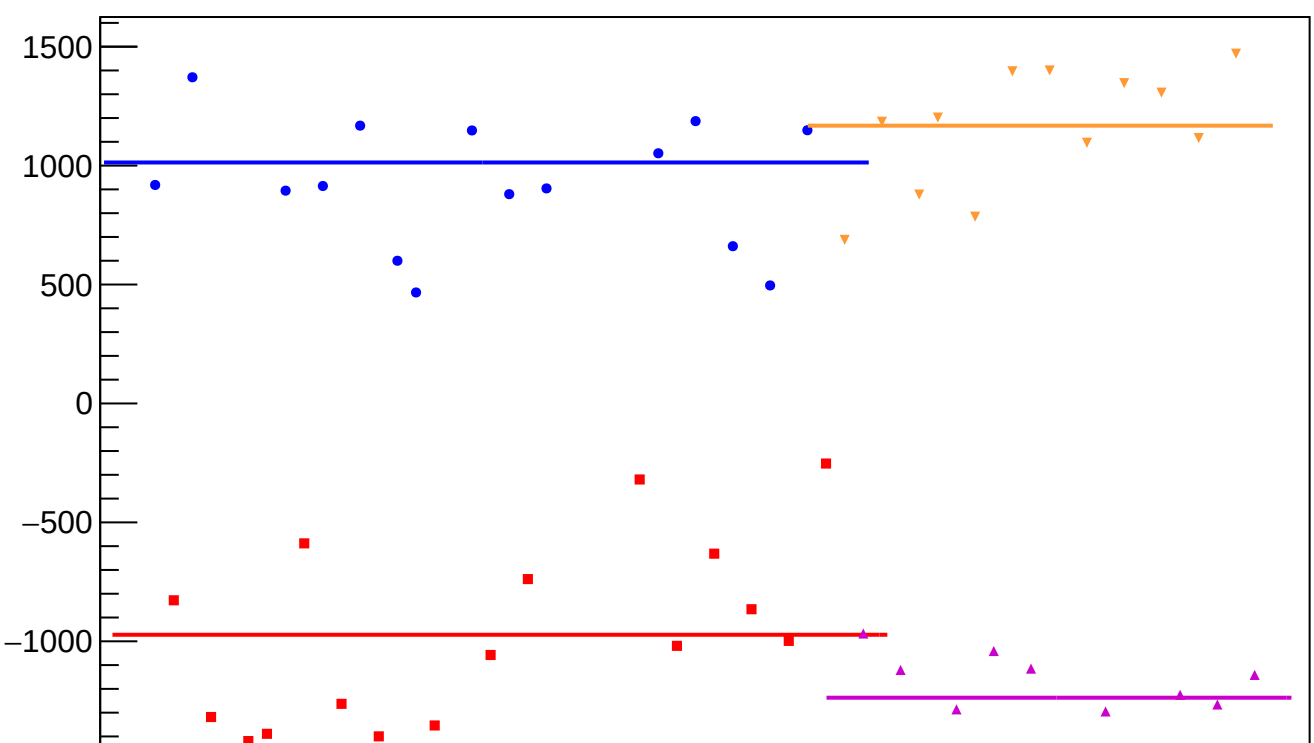
All: 29.268+/-0.000 χ^2/NDF: 1689828119221

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

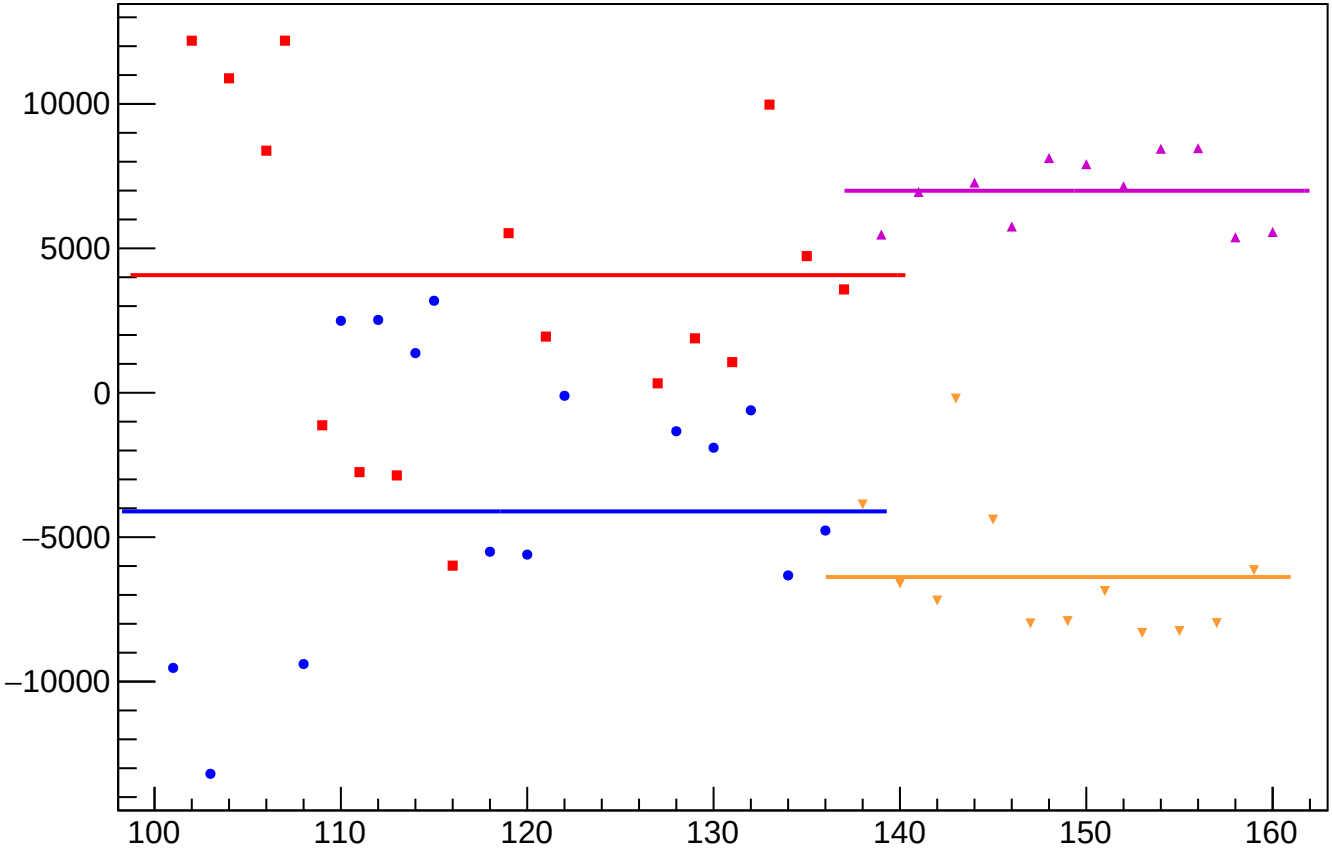
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

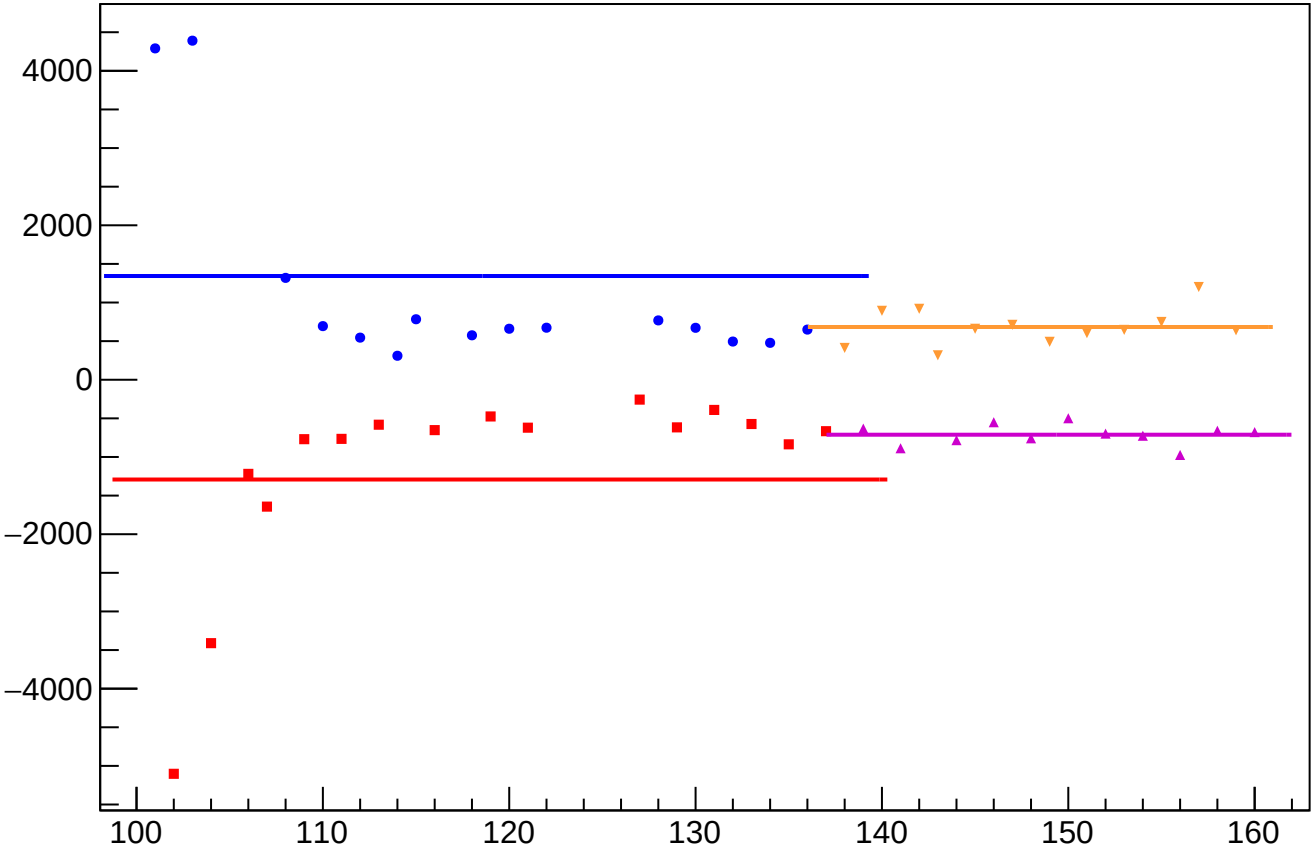
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atl2_coil6_mean vs Slug, Sign Corrected



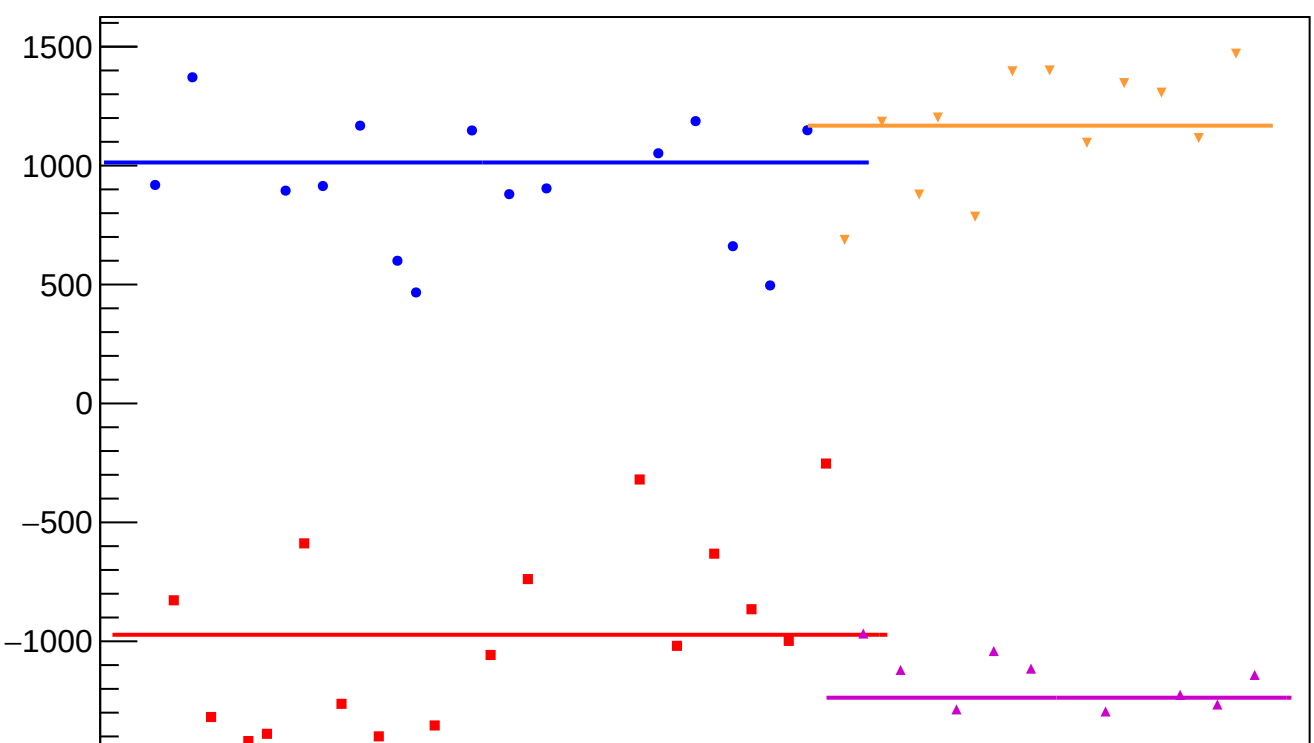
Left: 333.844+/-0.000 χ^2/NDF: 8816027635045107
Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14
Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786
Left Out: -6377.972+/-0.000 χ^2/NDF:462259115495458827520769352633359427174 4.0/11
In: 2414.162+/-0.000 χ^2/NDF:6274970680925114
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

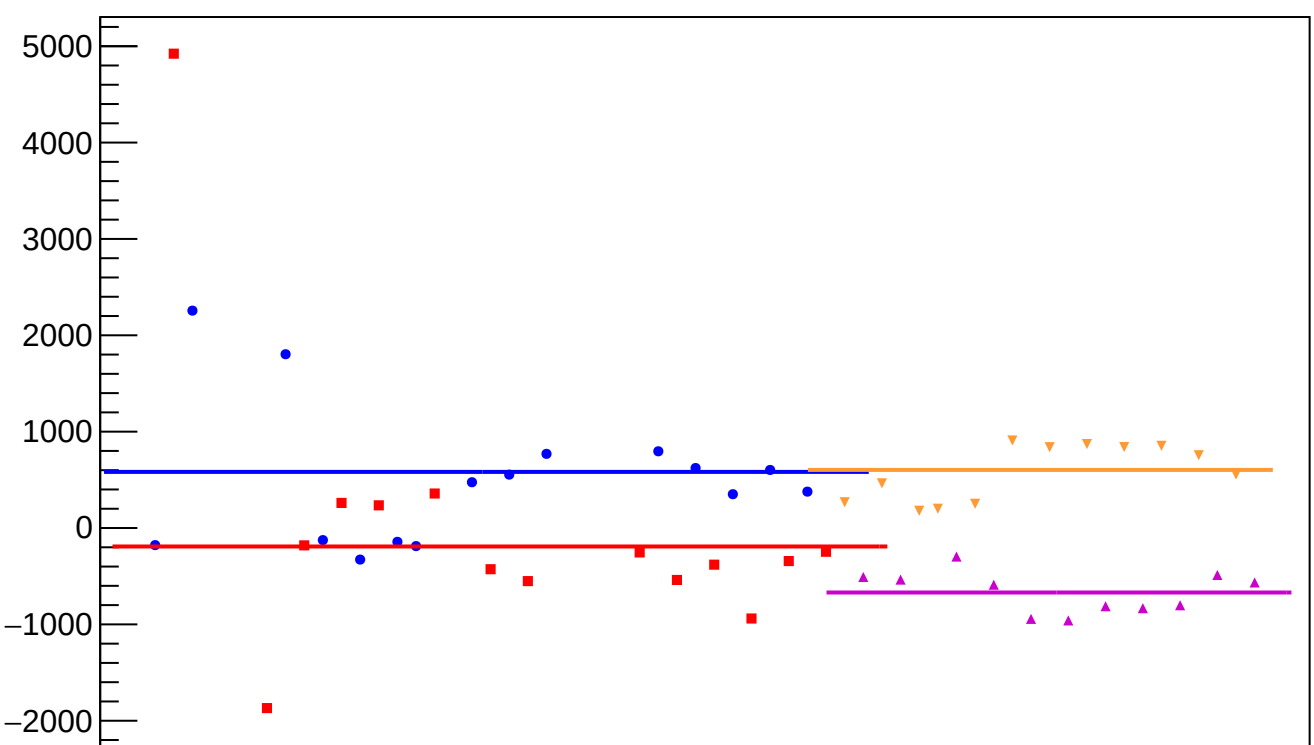
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

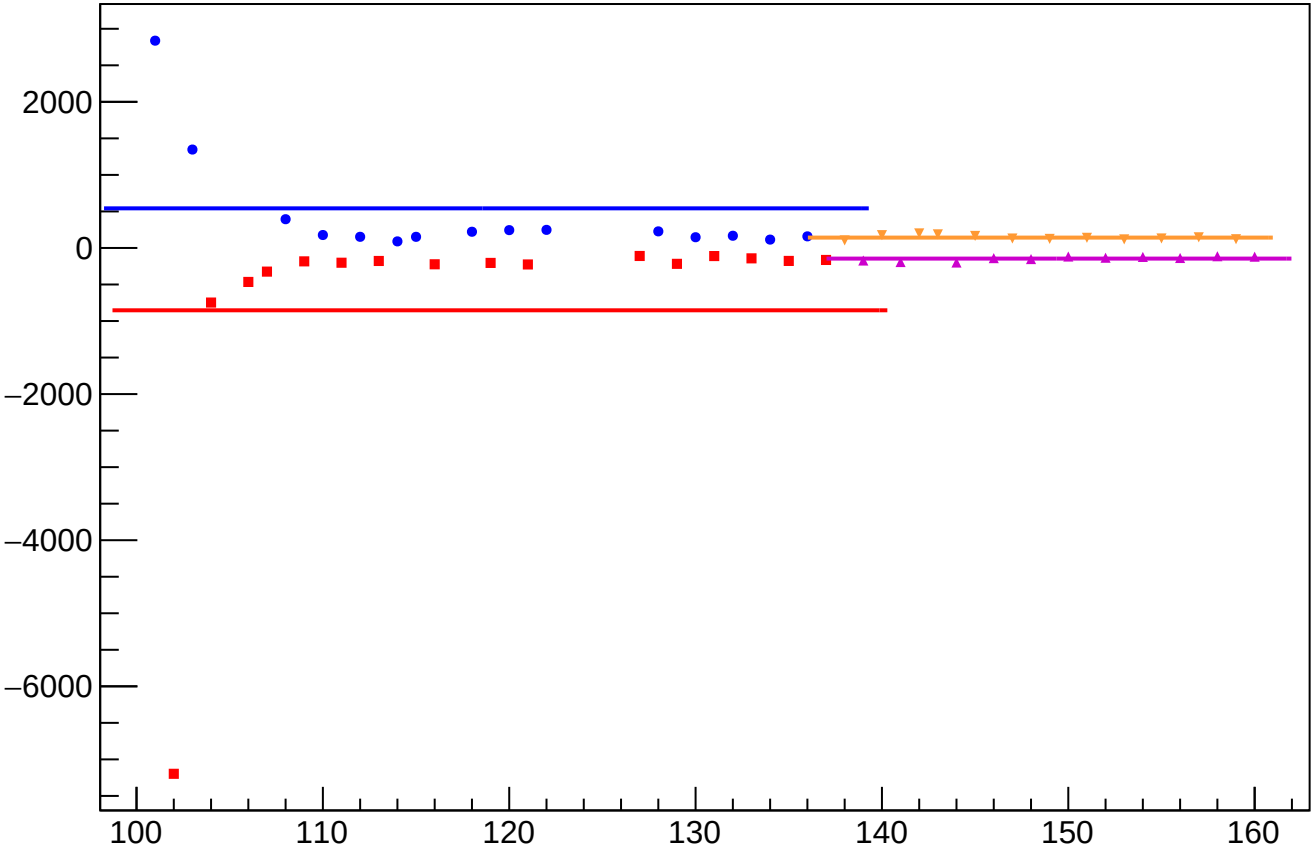
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atr1_coil6_mean vs Slug, Sign Corrected



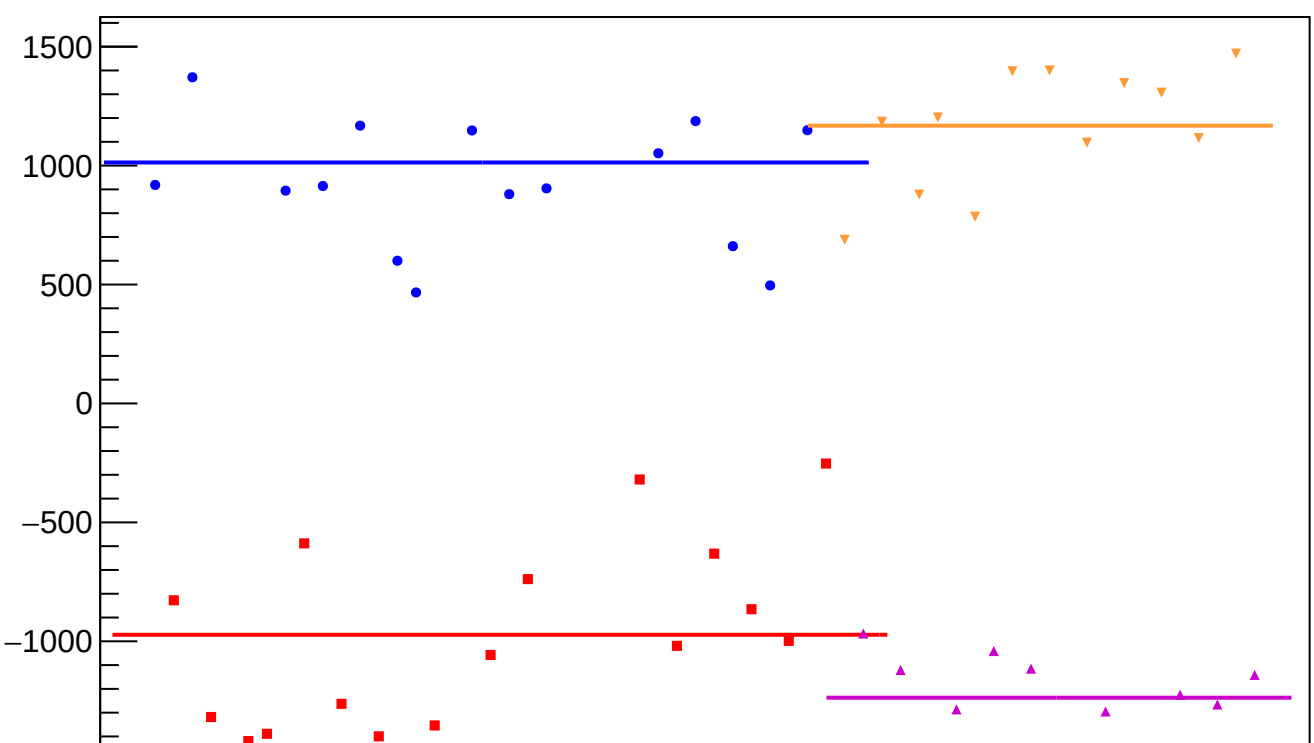
Left: -35.449+/-0.000 χ^2/NDF: 8532502457359131
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 603.094+/-0.000 χ^2/NDF:6881003841946300100487857498867997 0816.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
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

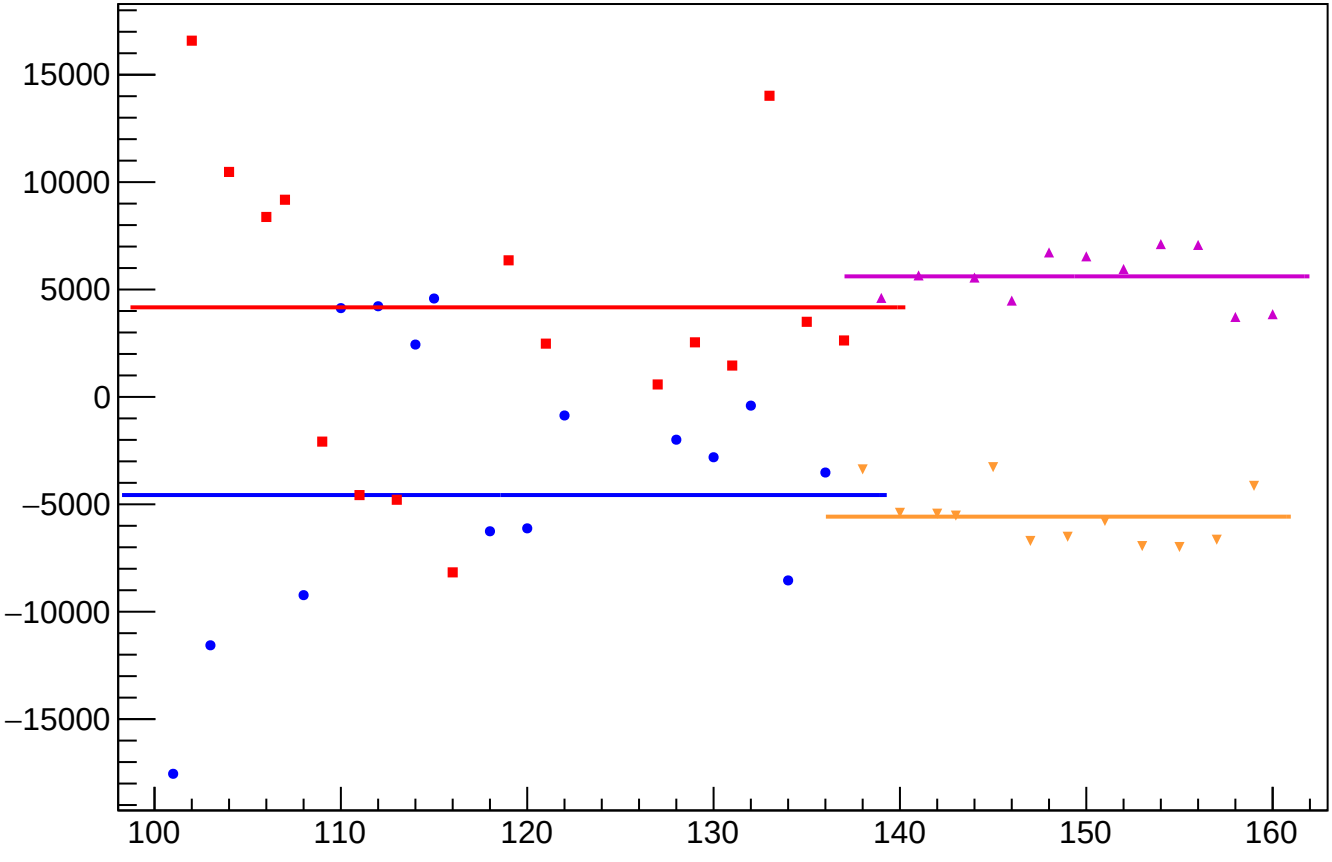
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

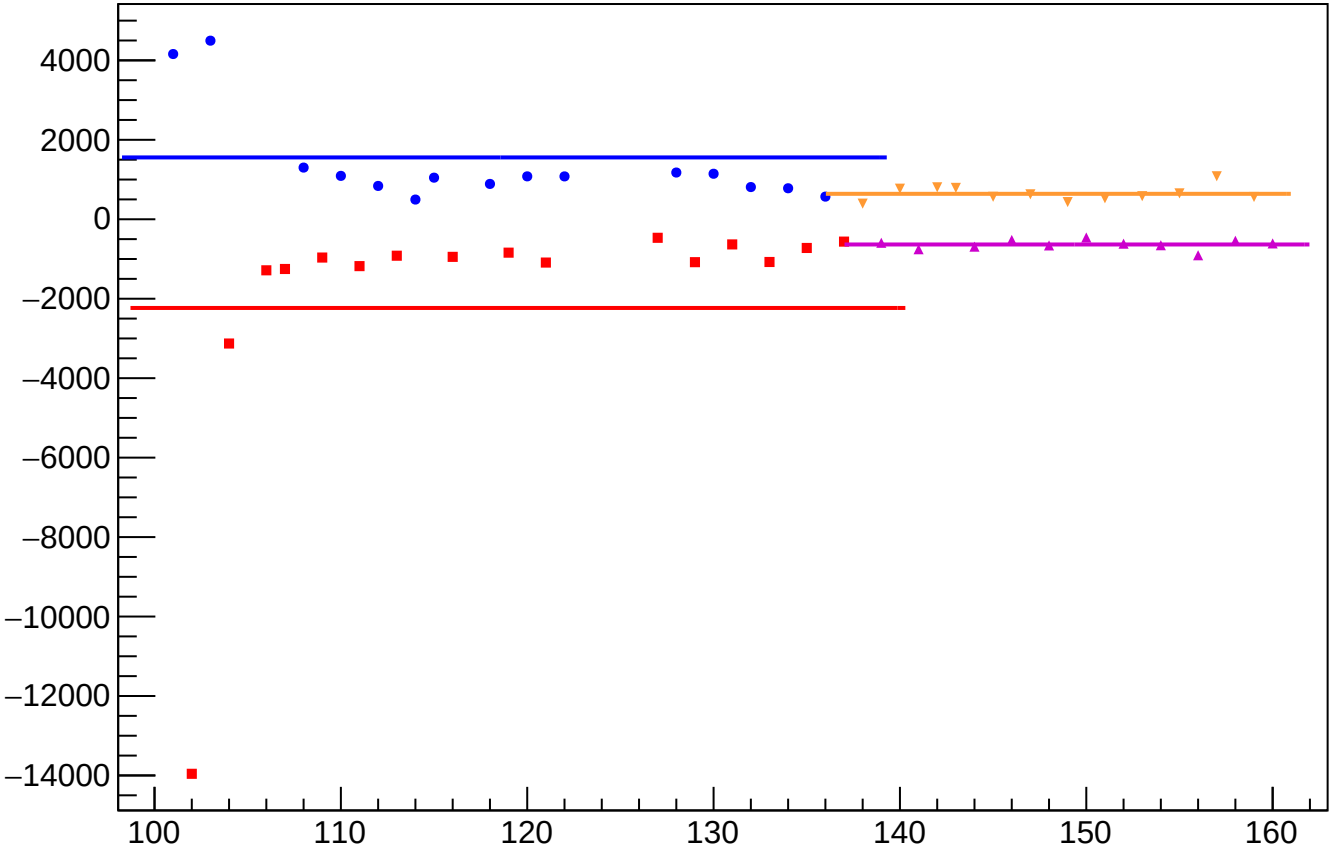
All: -20.018+/-0.000 χ^2/NDF: 415638151623

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

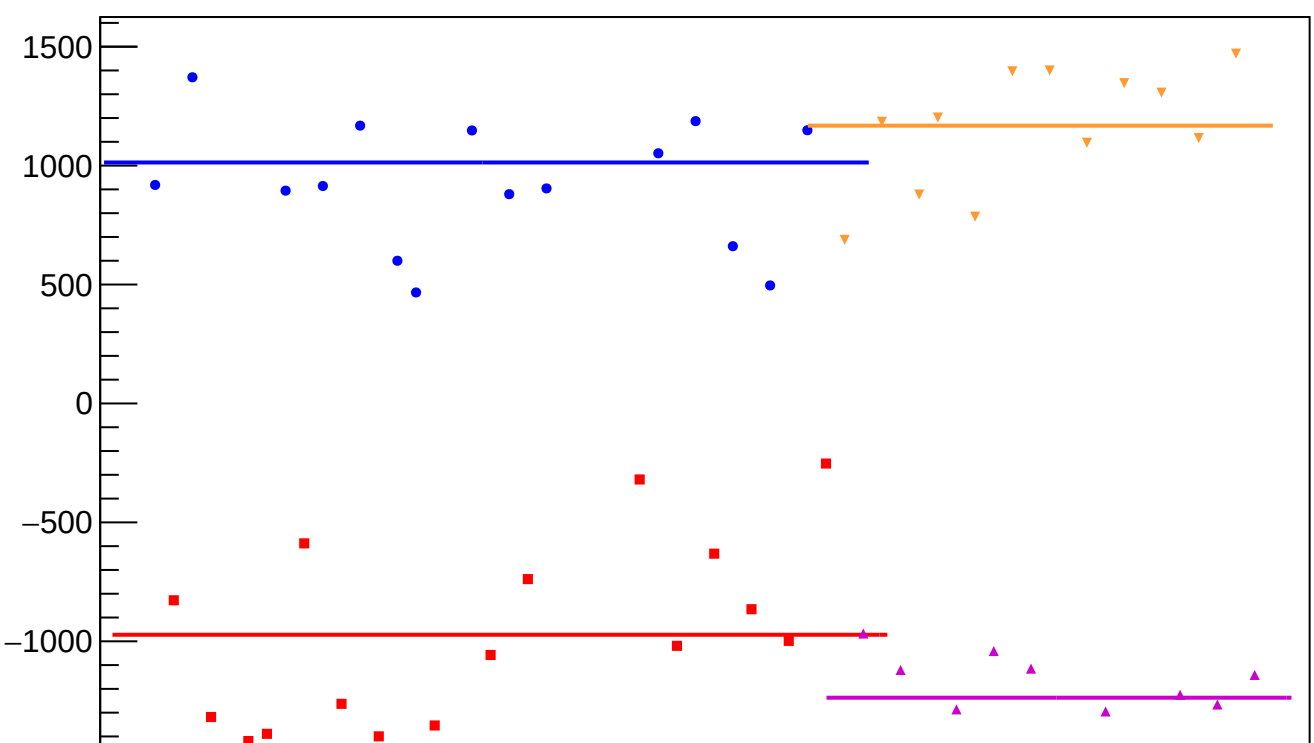
Right Out: -2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15

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

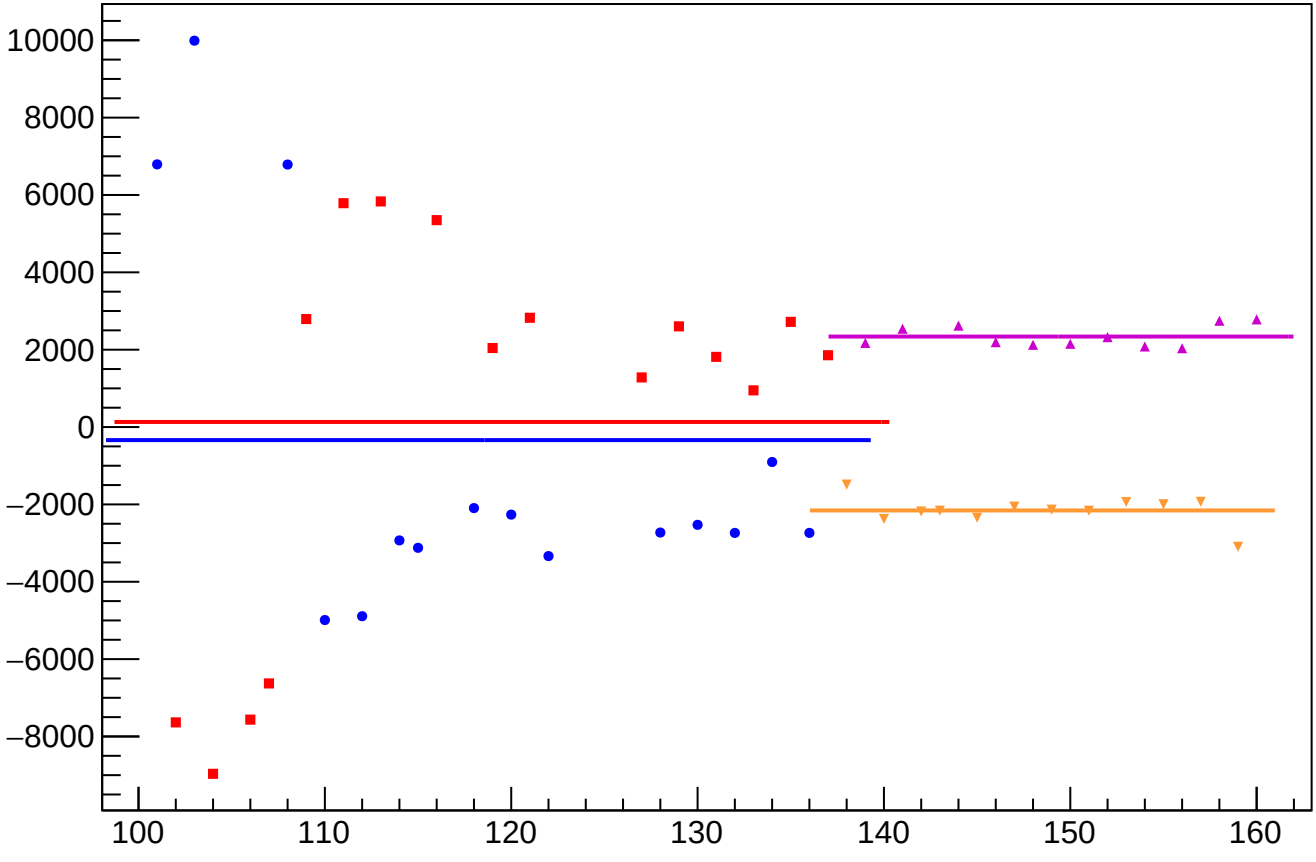
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

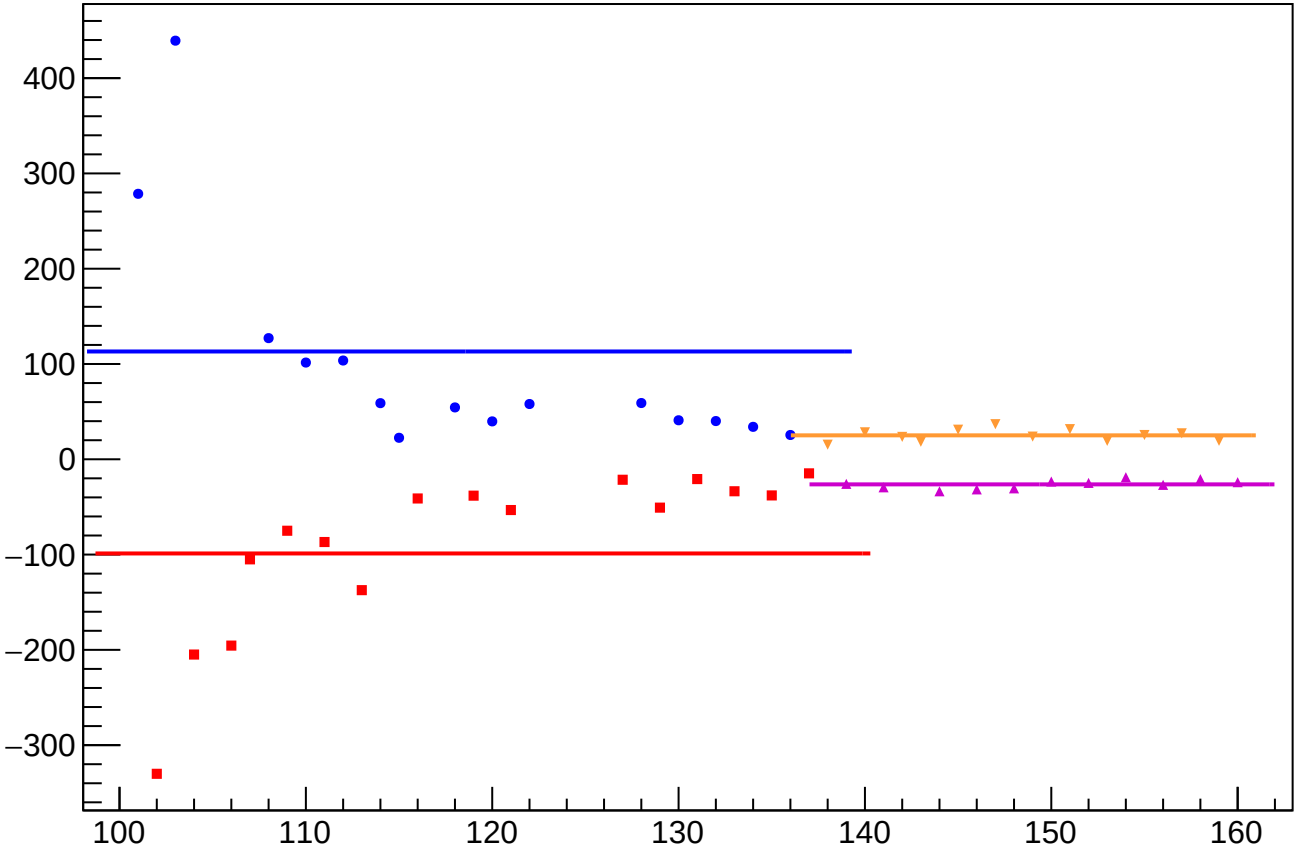
All: -20.018+/-0.000 χ^2/NDF: 415638151623

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

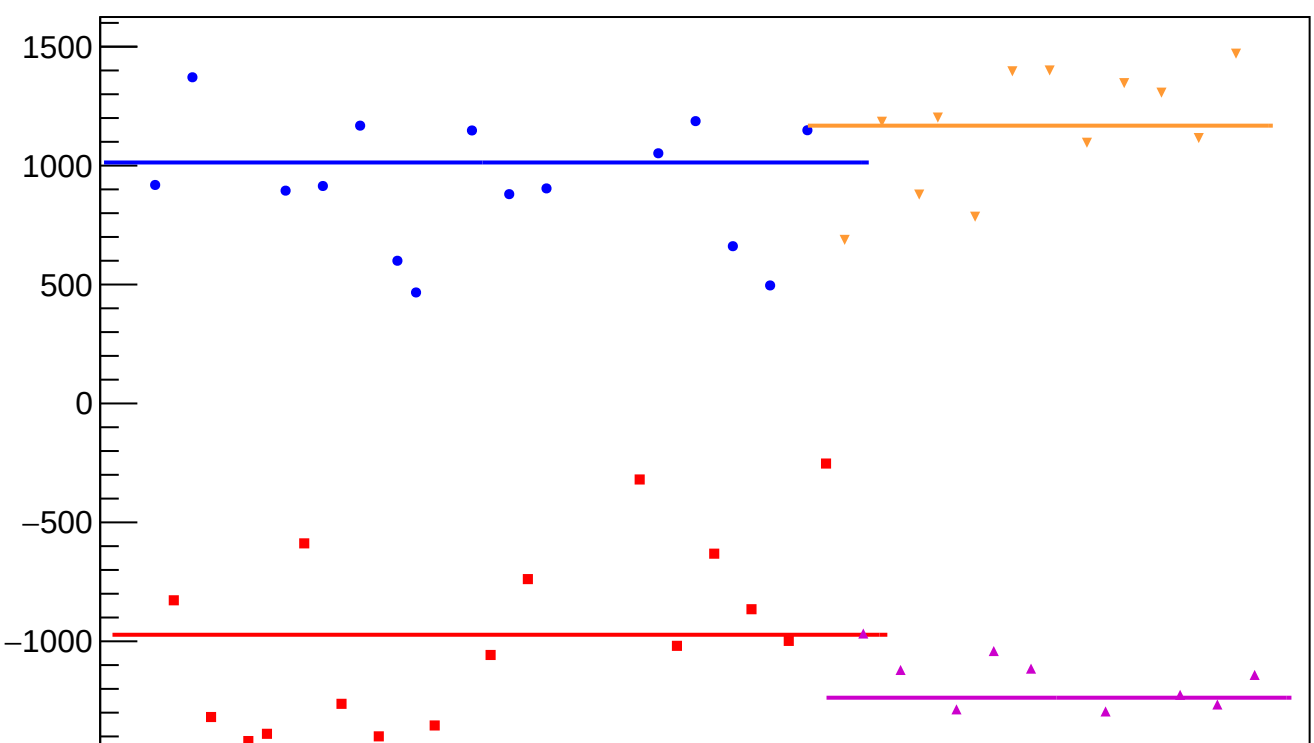
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

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

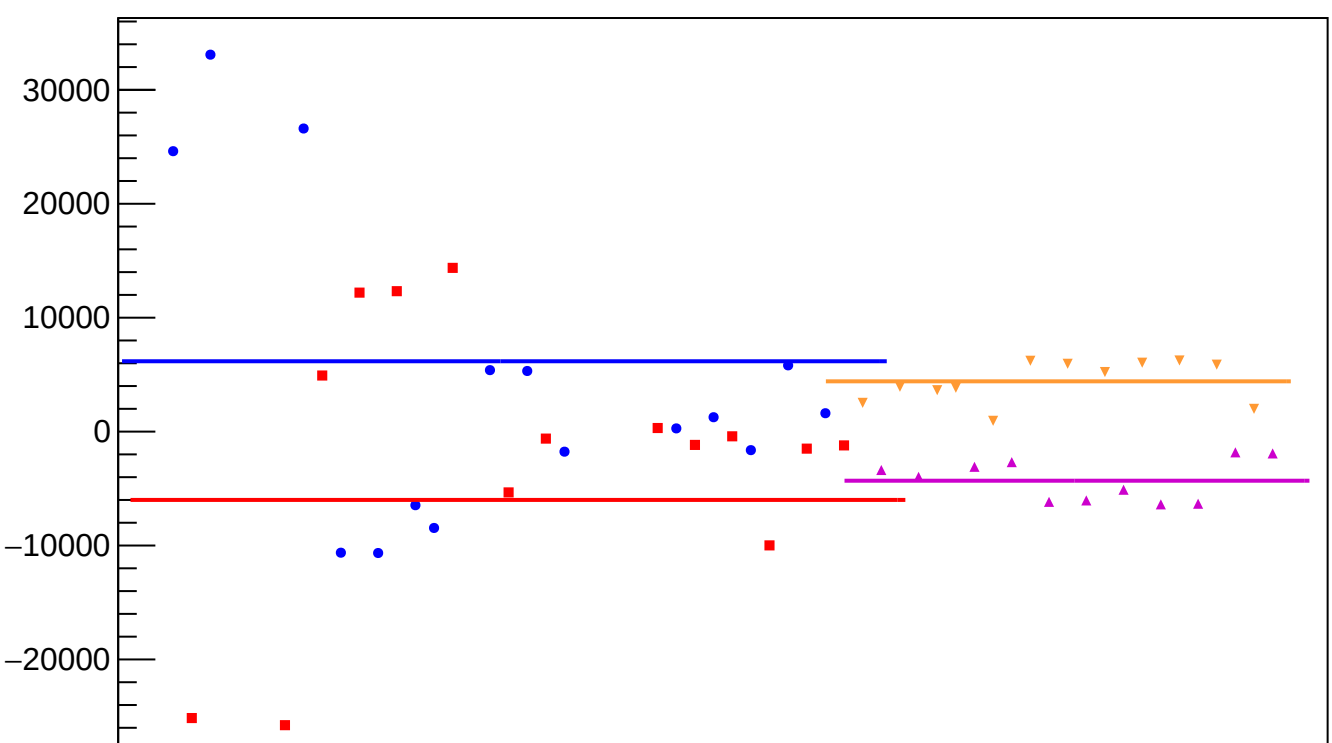
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

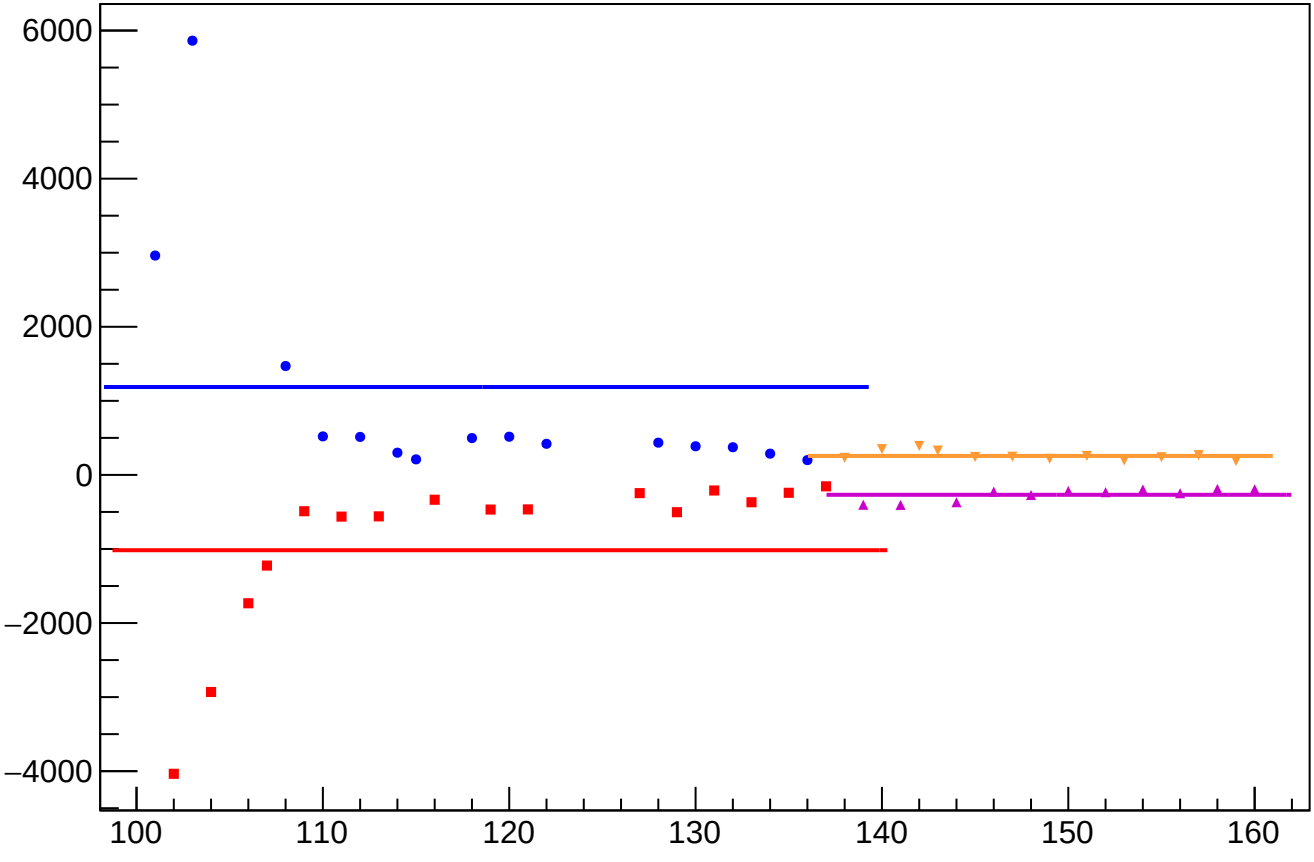
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam2_coil6_mean vs Slug, Sign Corrected



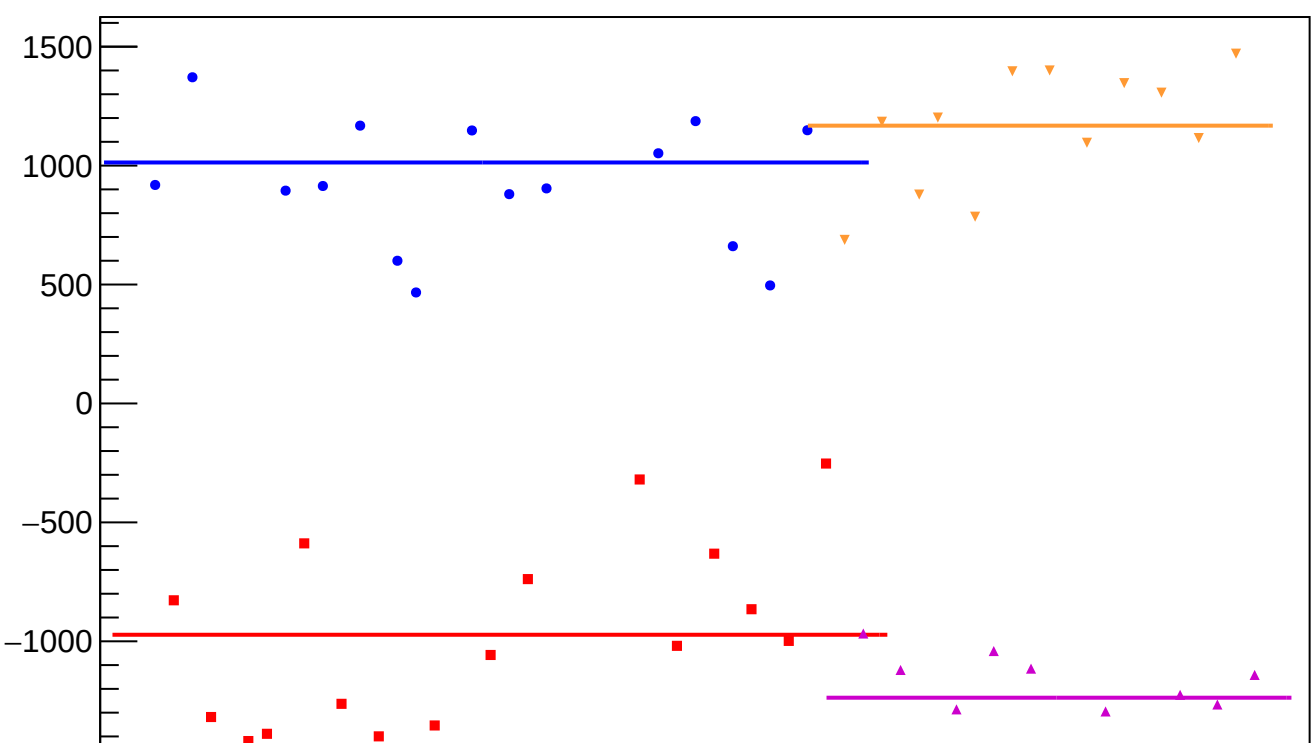
Left: 34.951+/-0.000 χ^2/NDF: 4067274758711618
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4413.614+/-0.000 χ^2/NDF:2955972864027480615108884679842756296704.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
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

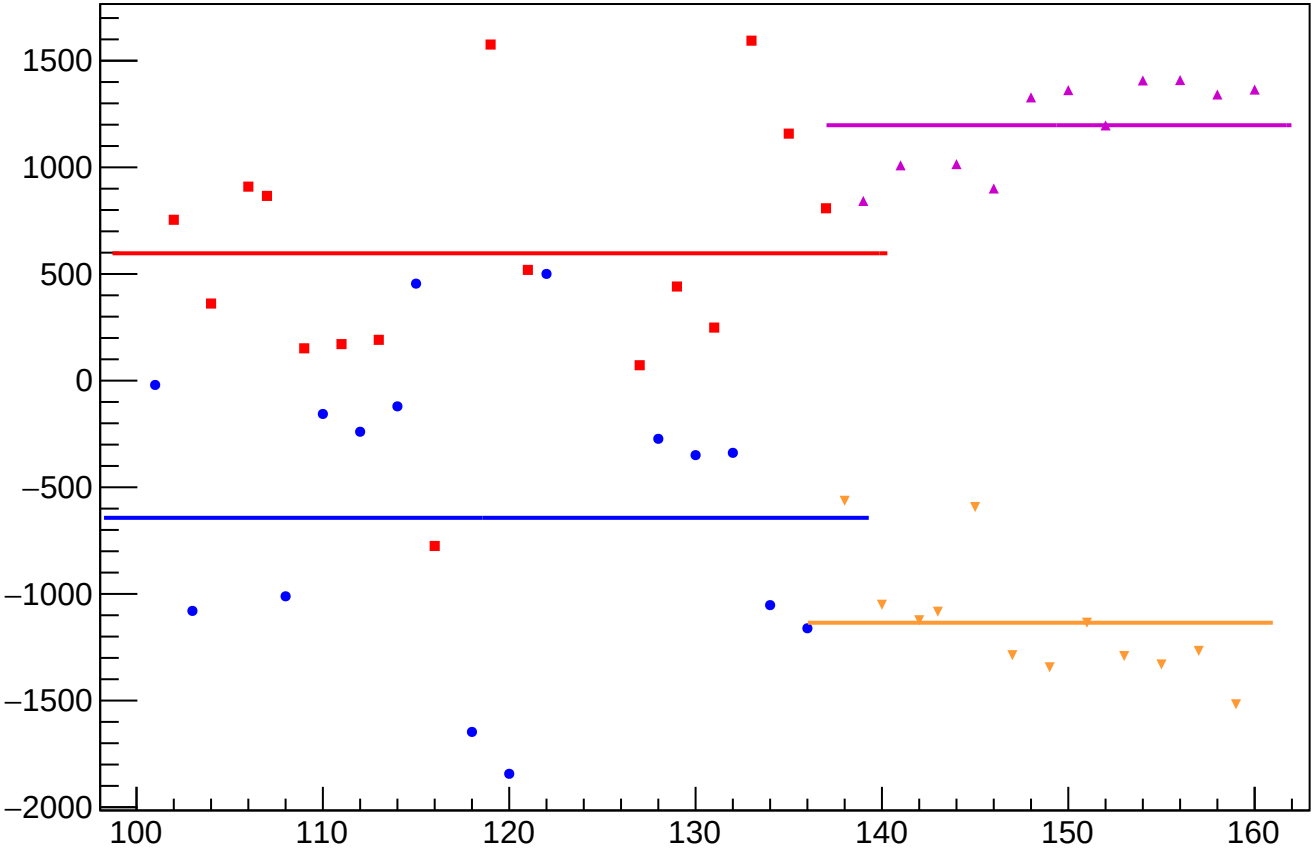
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

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

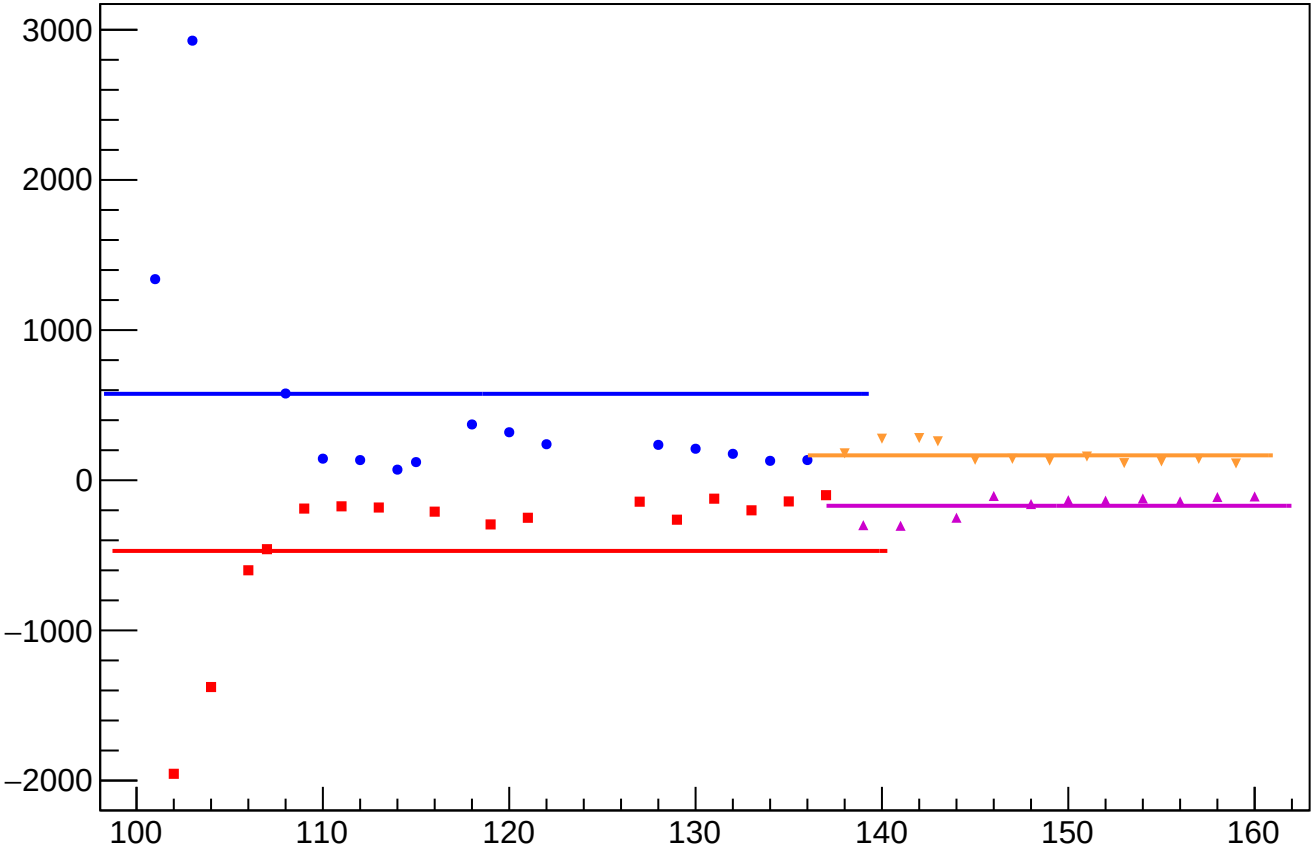
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15

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

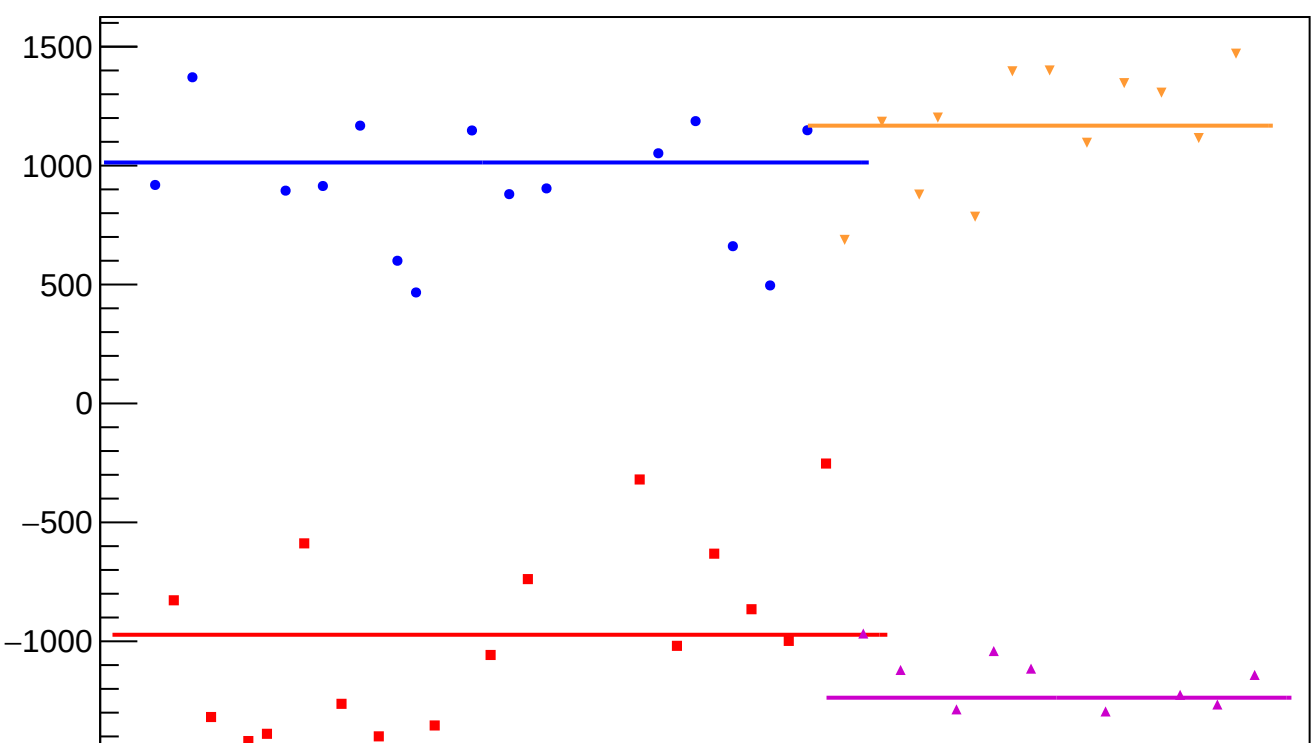
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

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

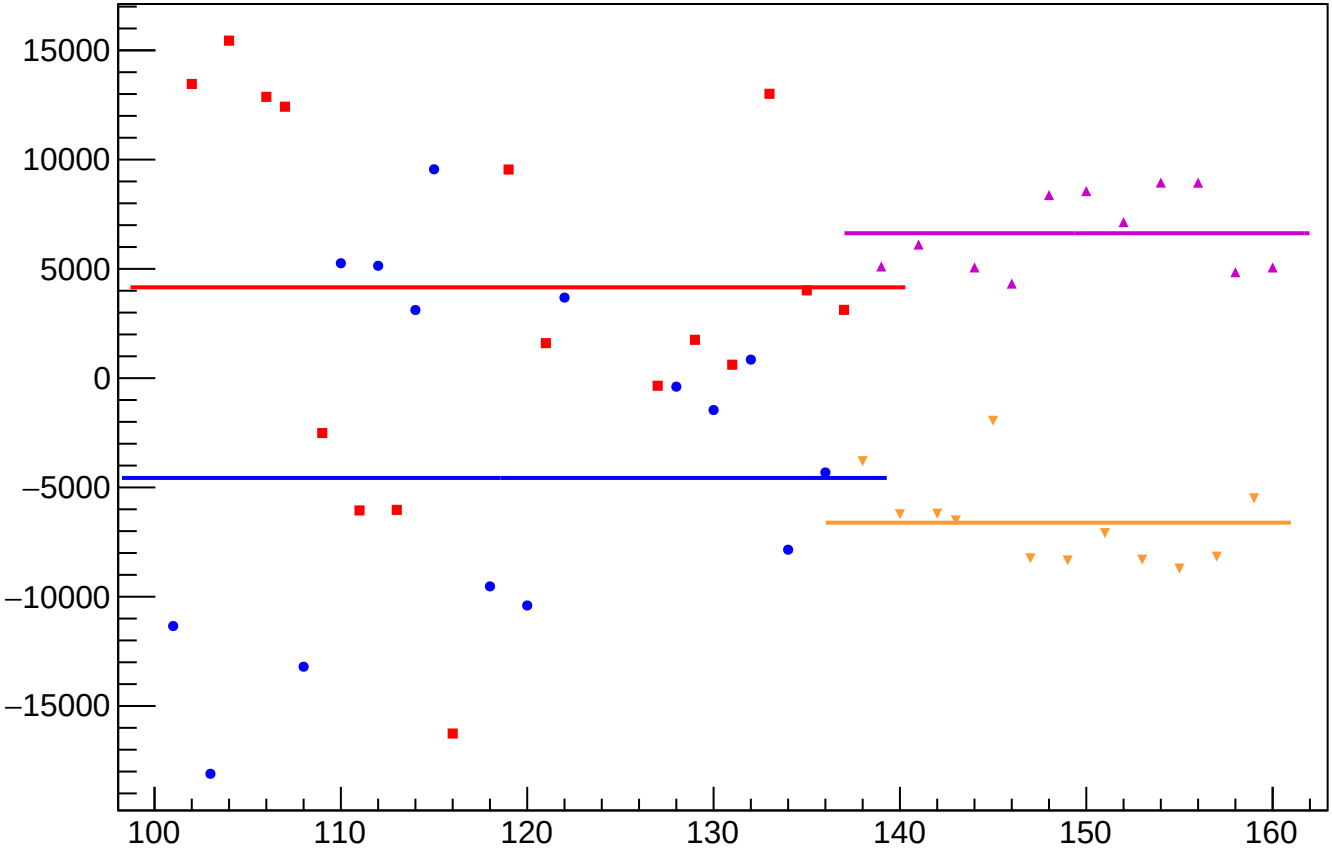
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

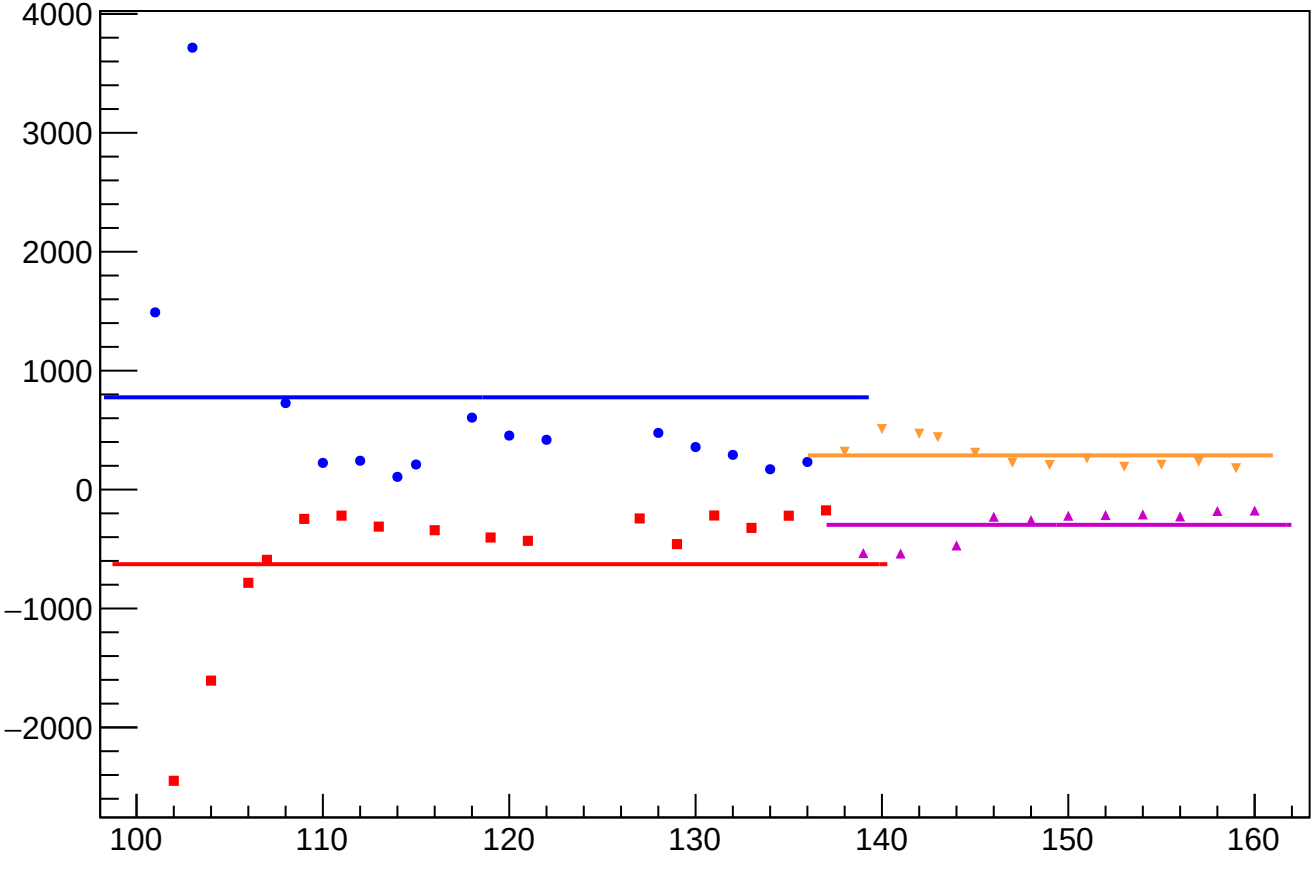
All: -20.018+/-0.000 χ^2/NDF: 415638151623

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

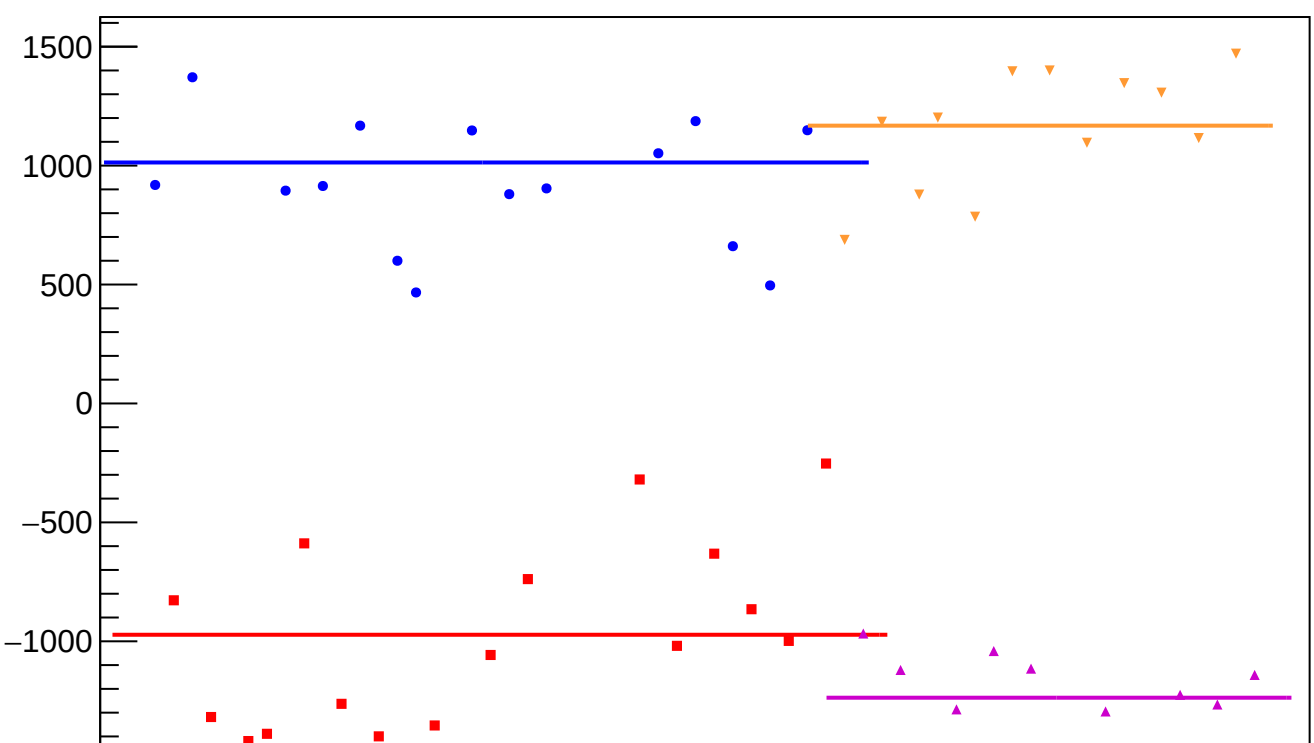
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

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

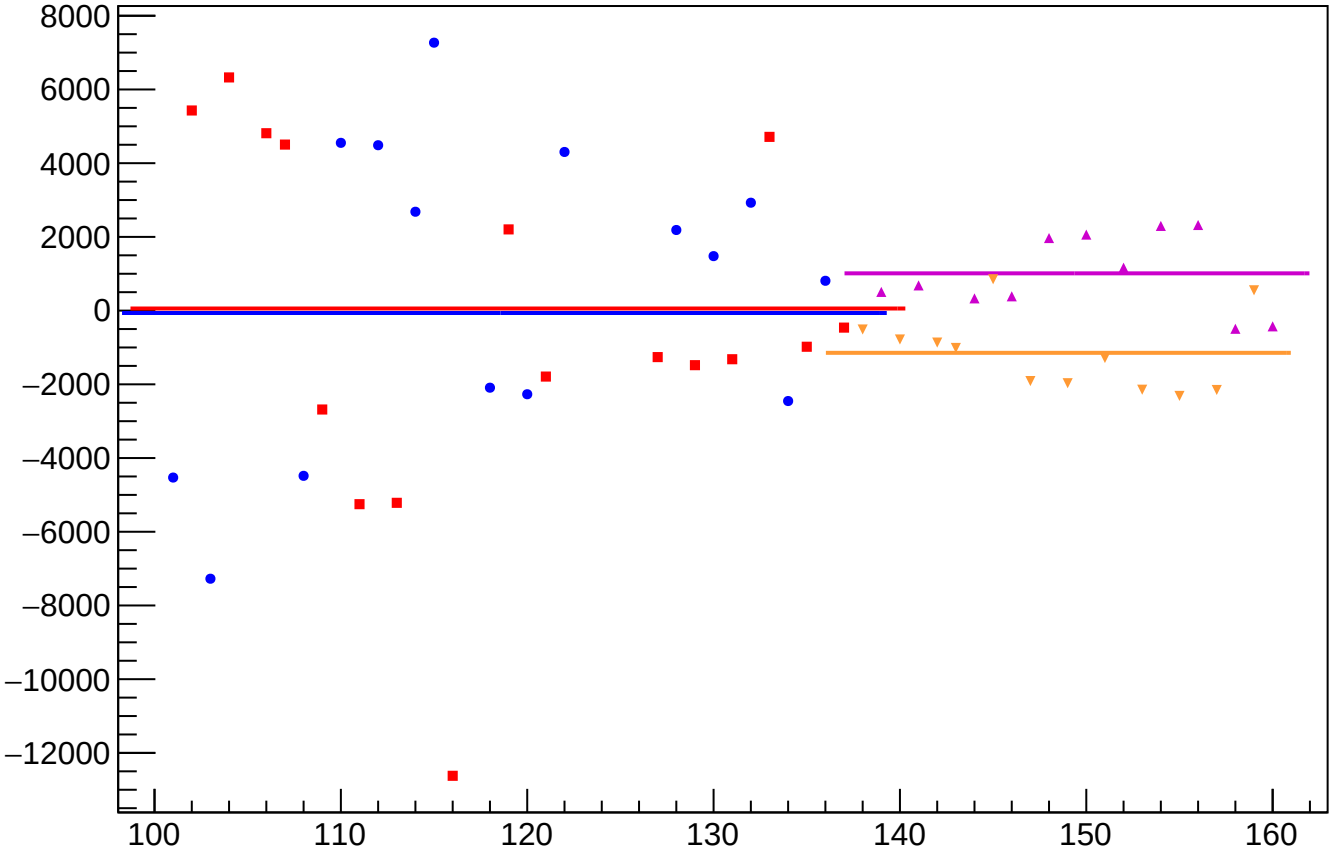
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

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

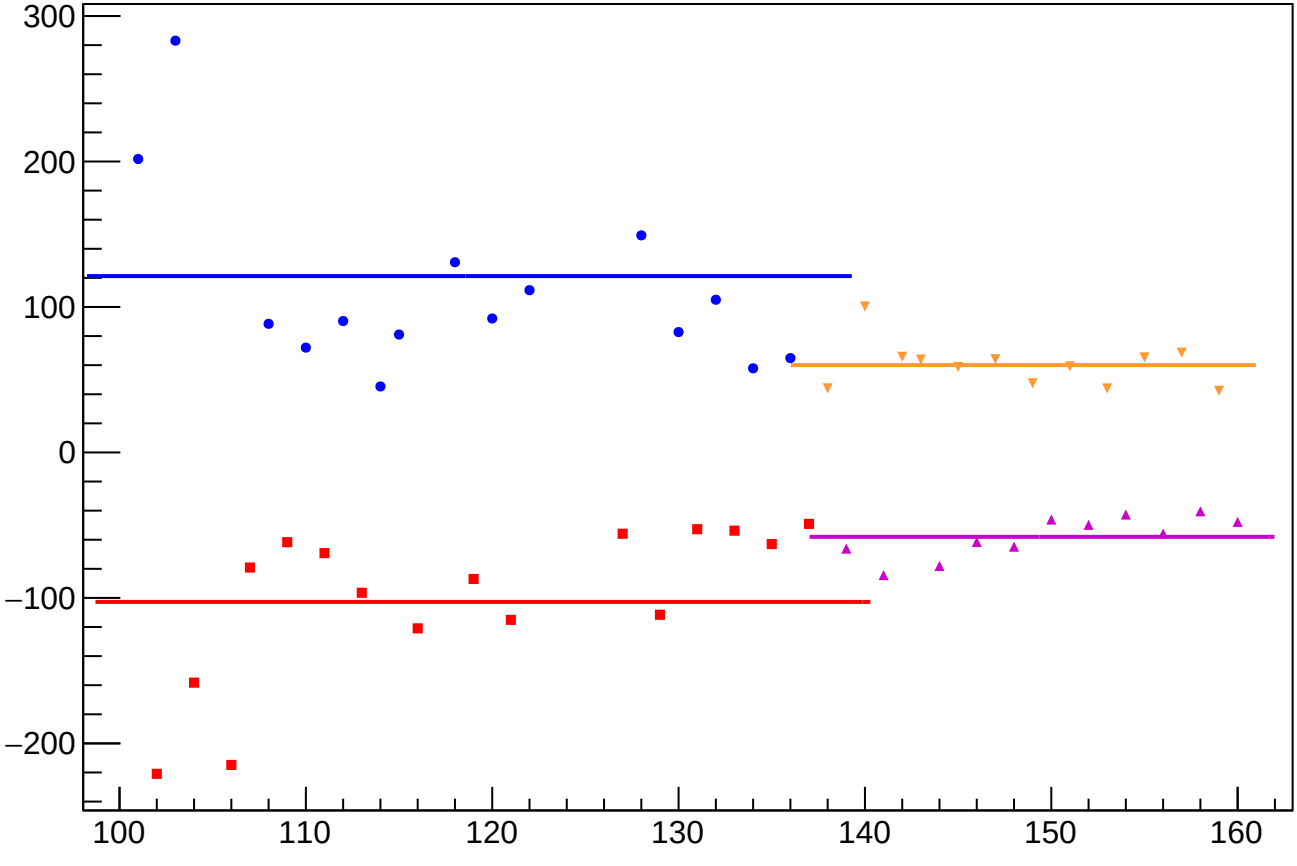
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15

Out: -638.919+/-0.000 χ^2/NDF:153183947889426

Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10

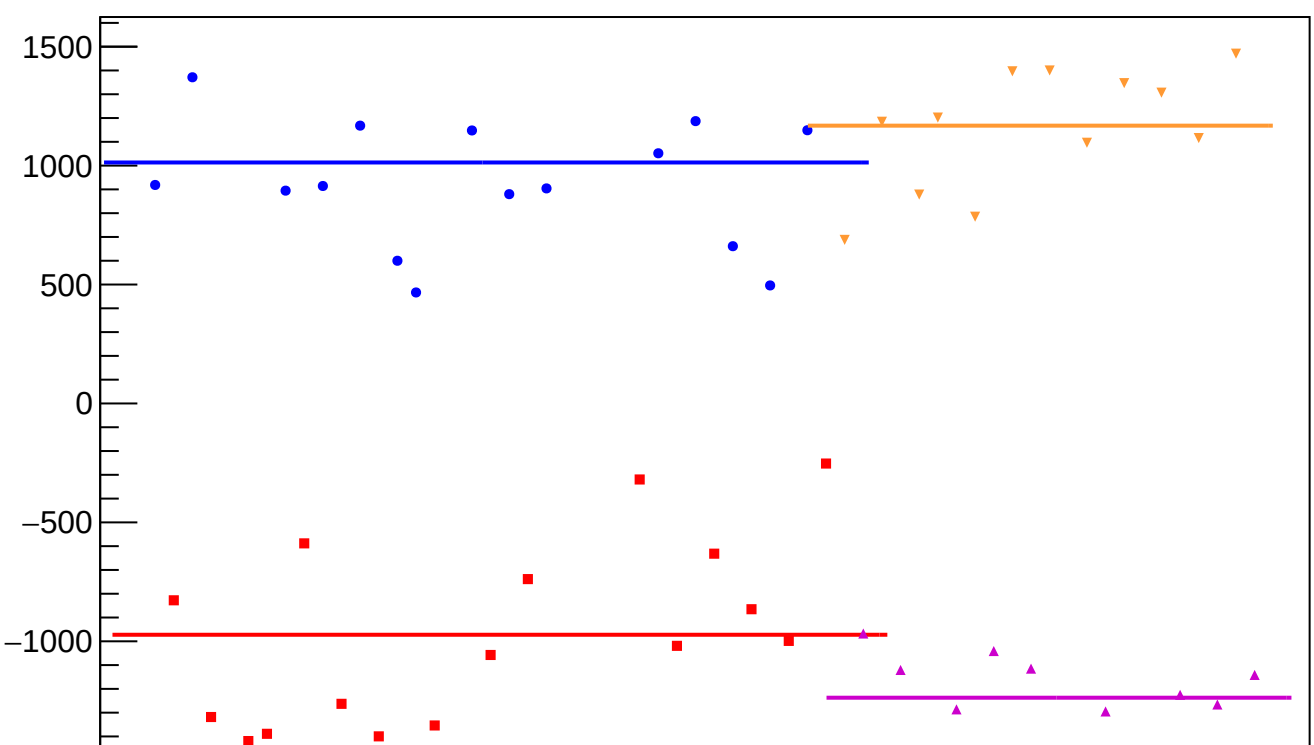
All: -37.898+/-0.000 χ^2/NDF: 274263018049

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

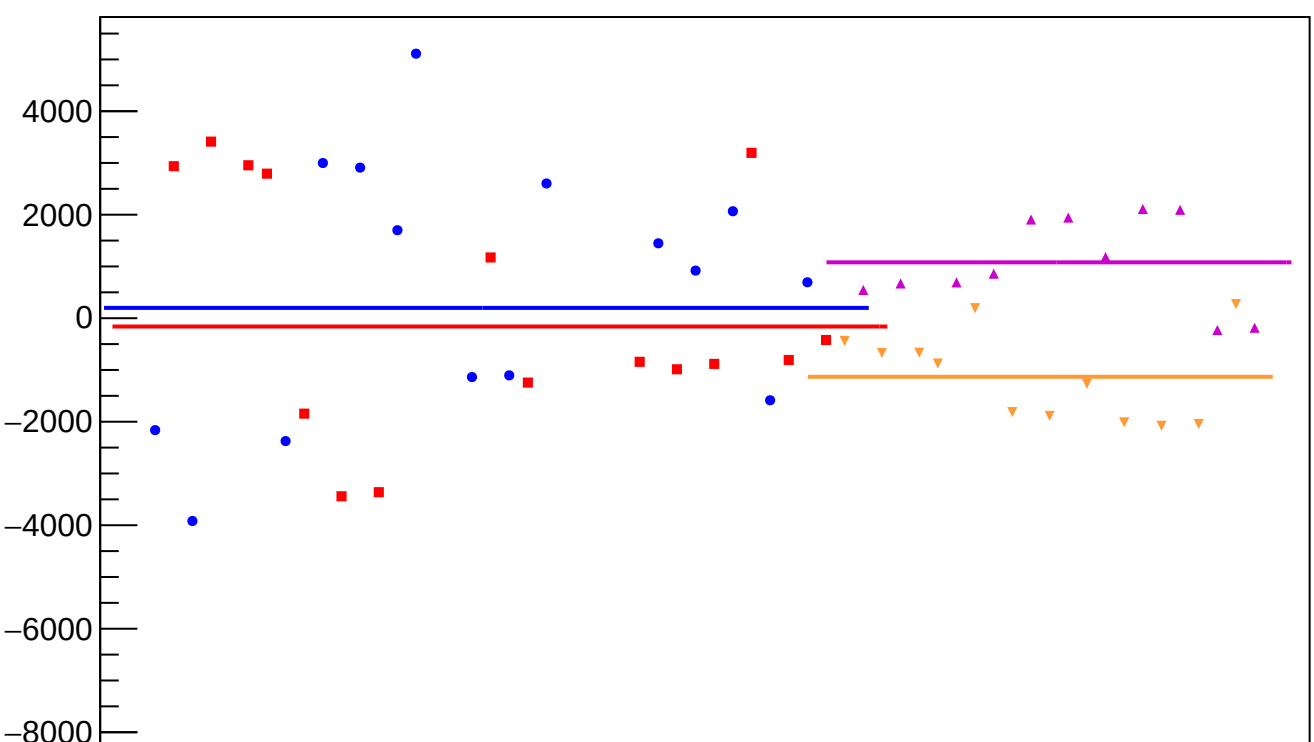
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

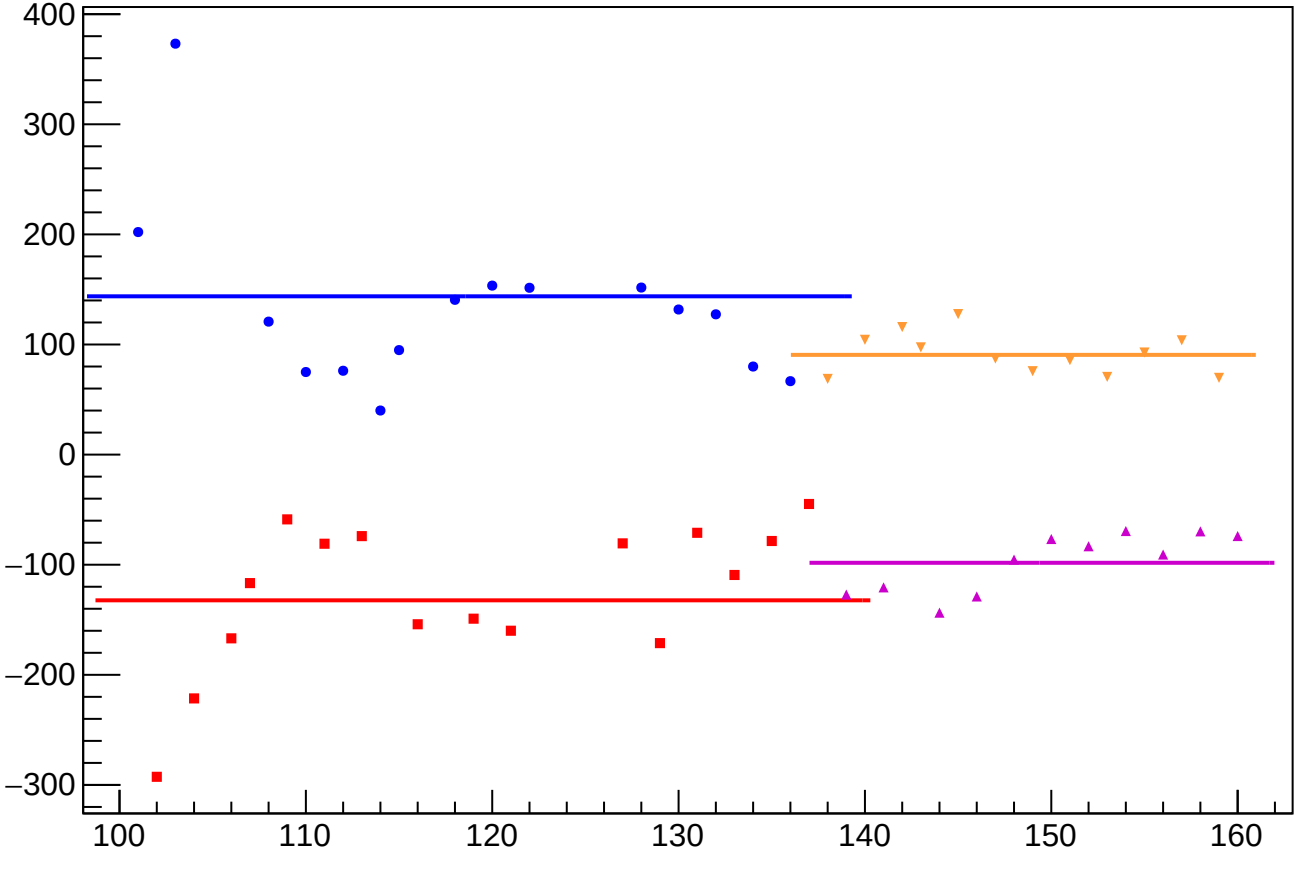
All: -20.018+/-0.000 χ^2/NDF: 415638151623

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

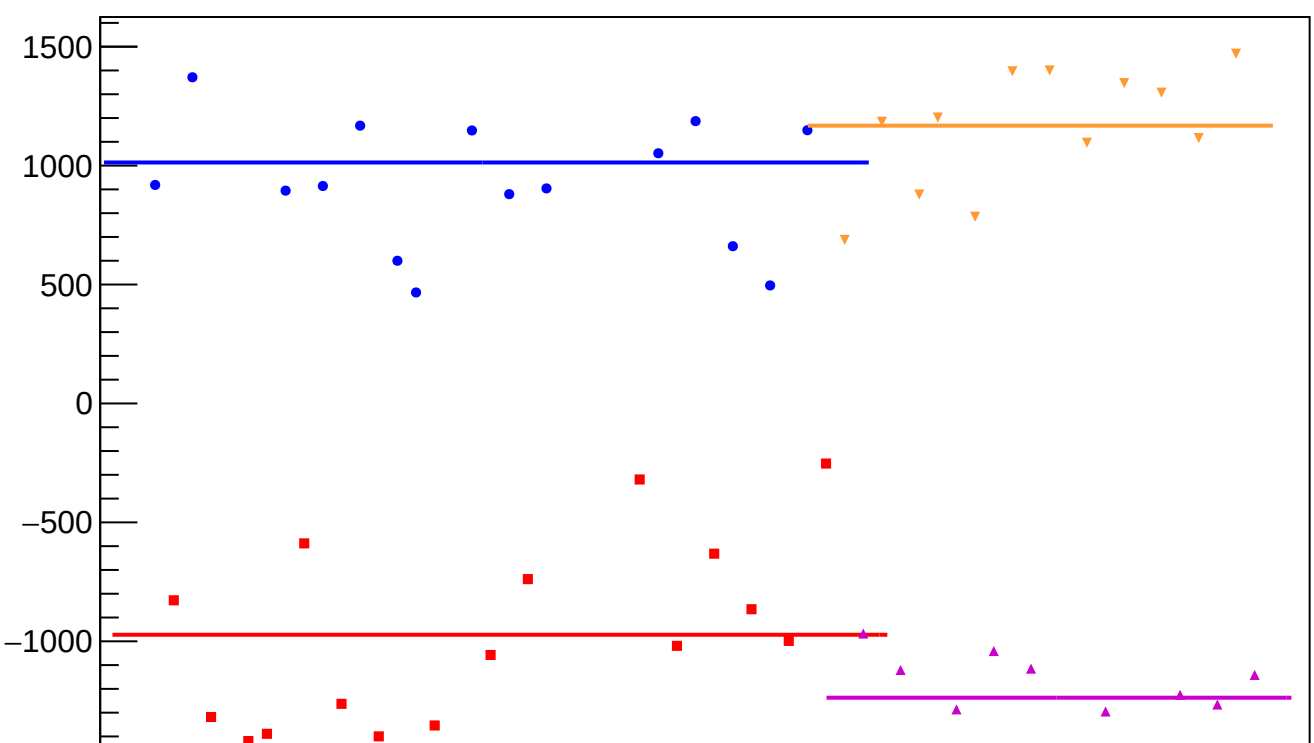
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

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

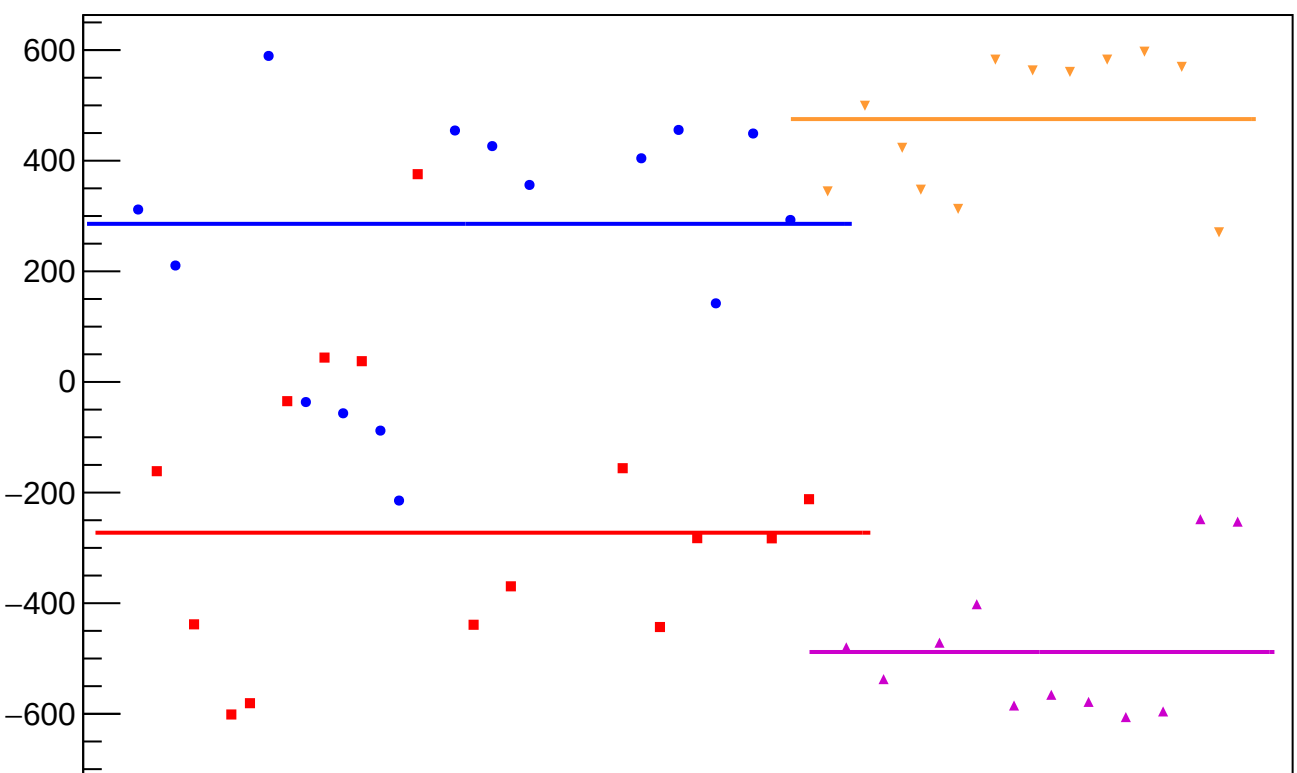
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

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

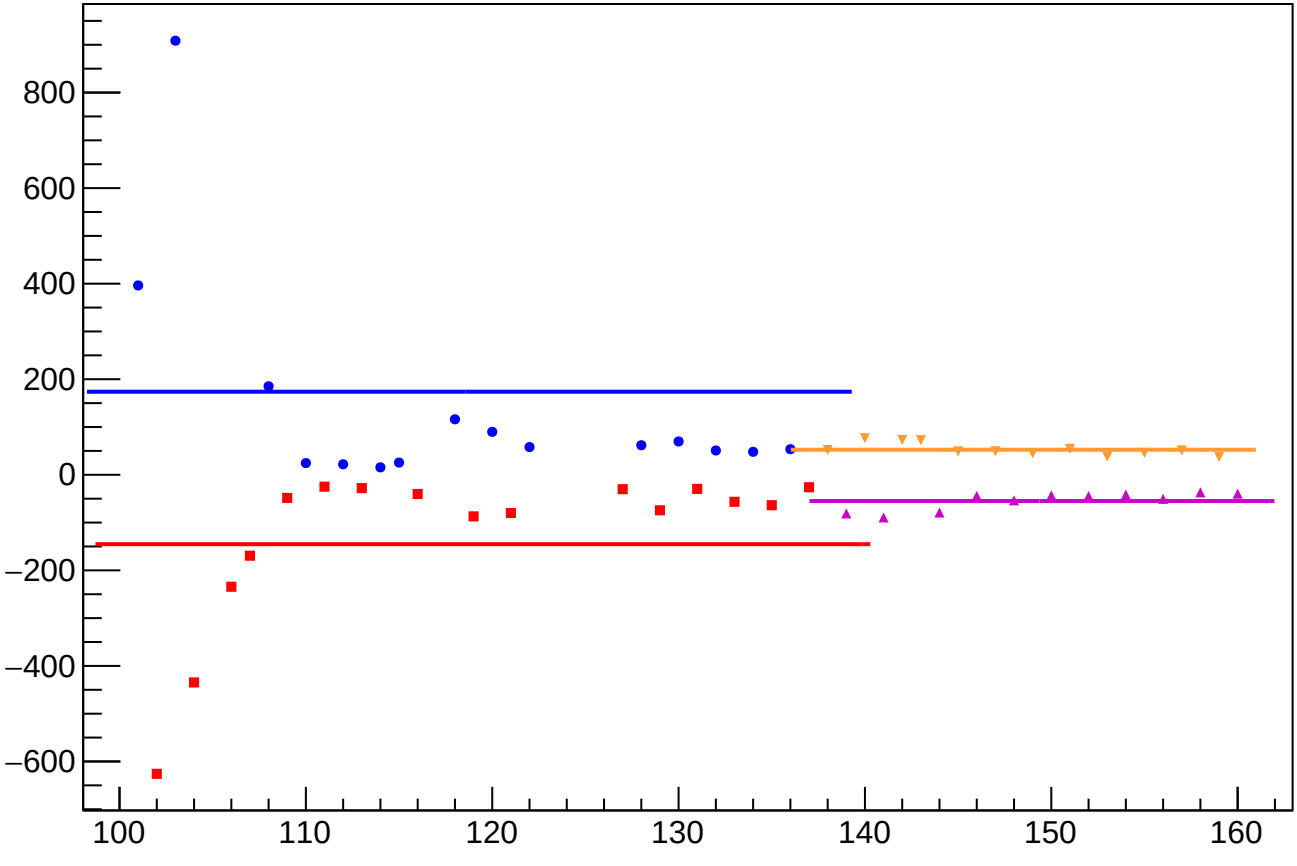
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

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

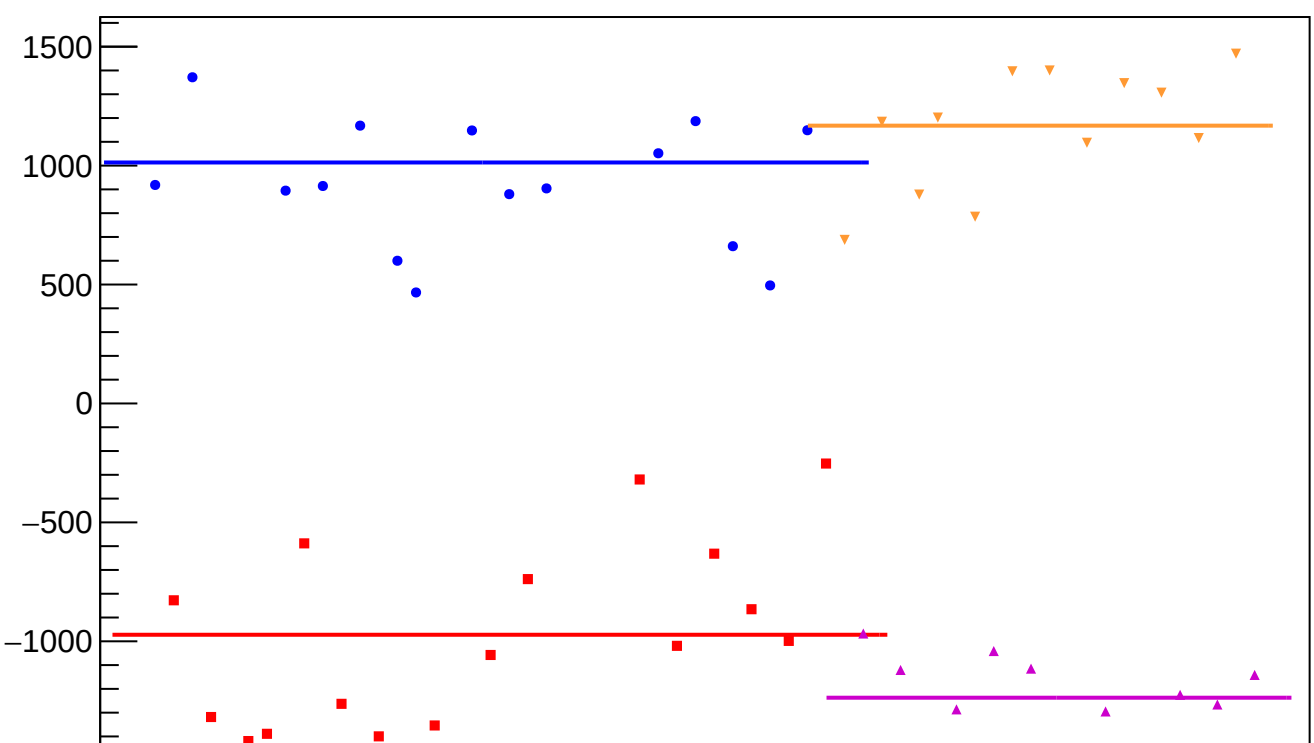
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

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

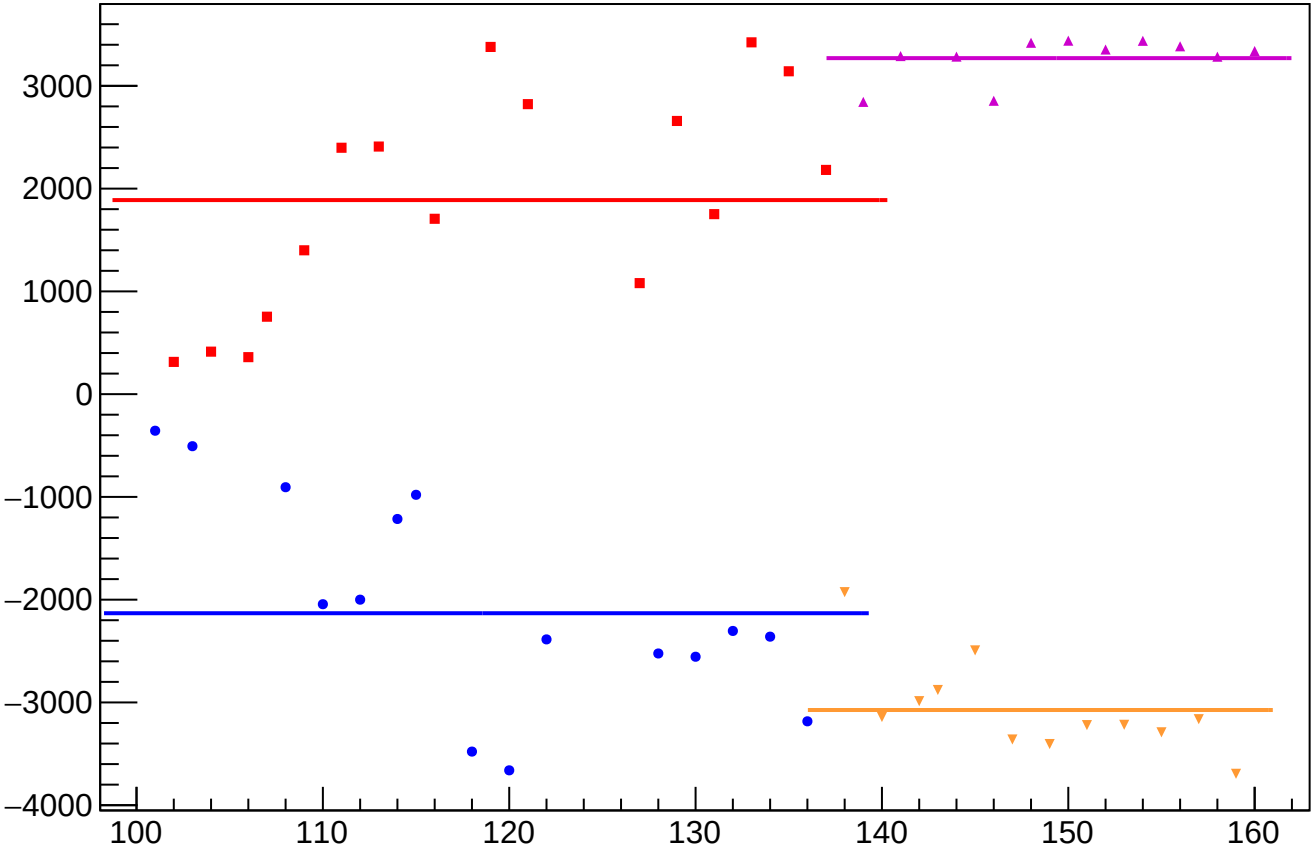
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

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

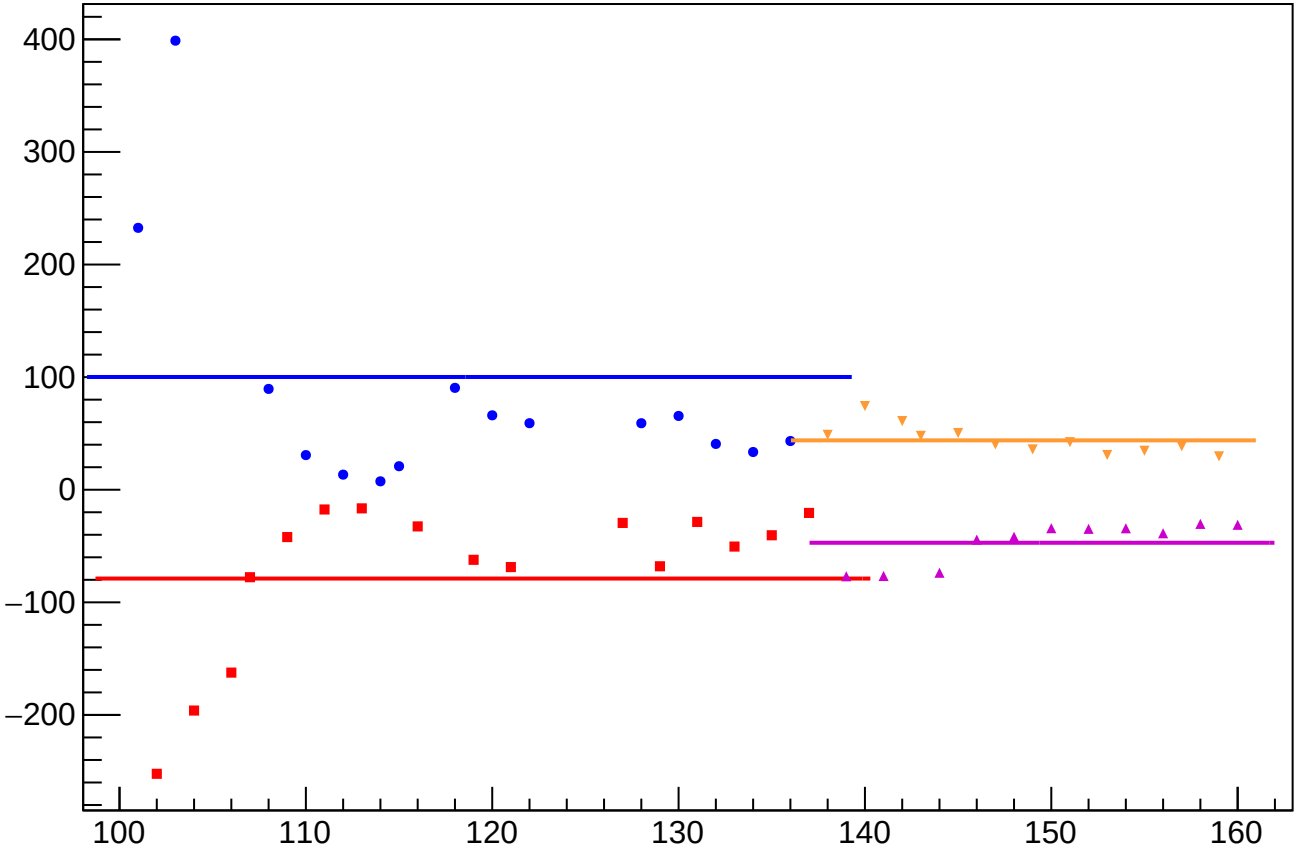
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

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

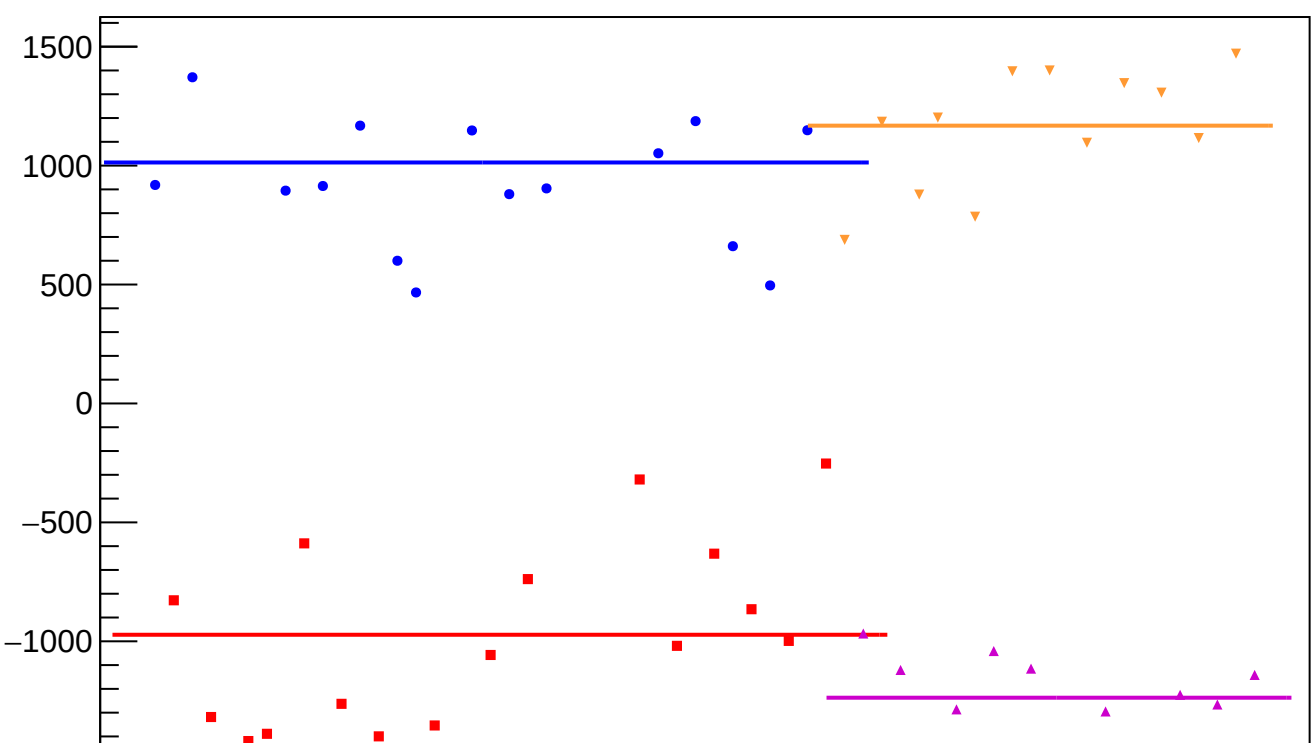
Right: 9.403+/-0.000 χ^2/NDF: 2188047710040254 1

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

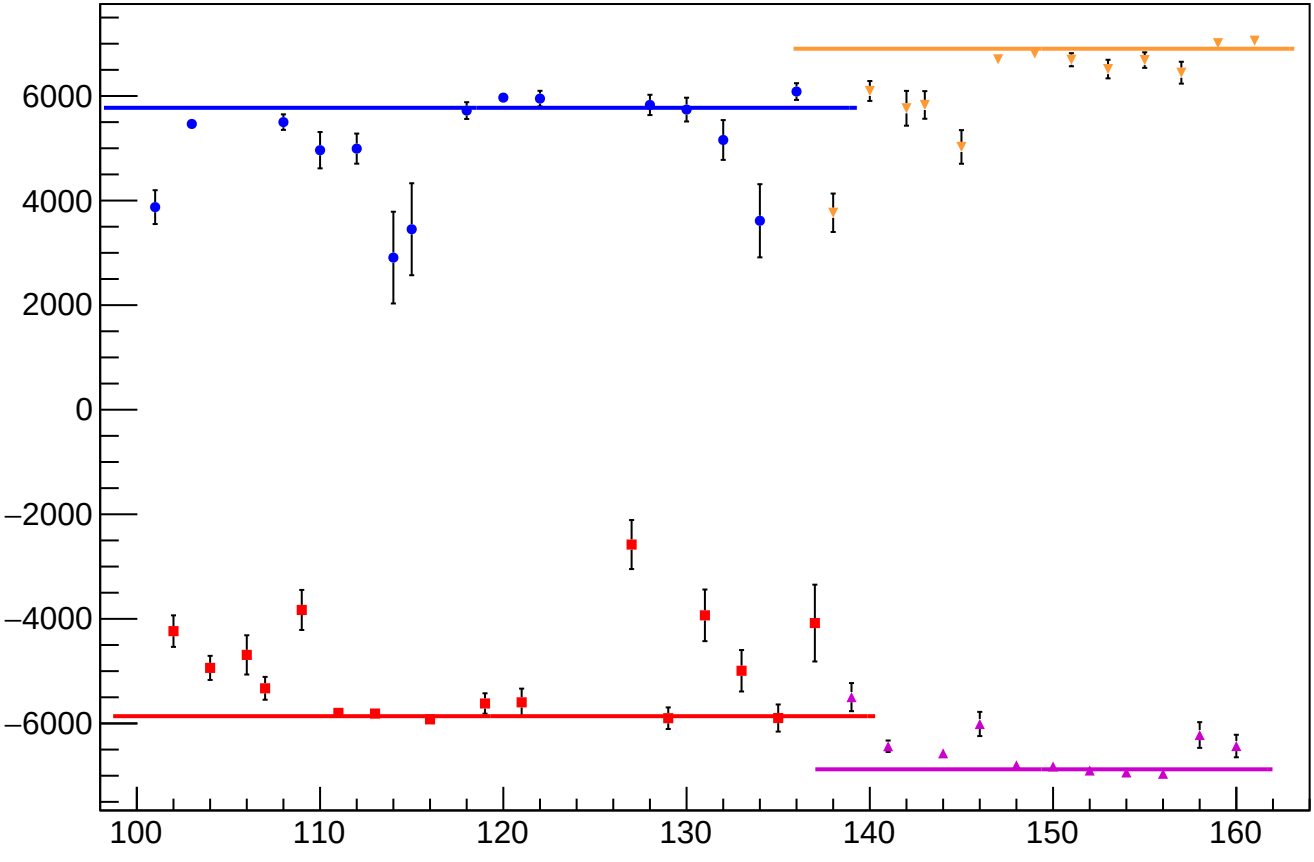
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

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: 6904.015+/-0.231 χ^2/NDF:196199.6/12

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -6877.524+/-0.173 χ^2/NDF:152471.6/10

Left: -1944.434+/-0.138 χ^2/NDF: 2280902973.1/23

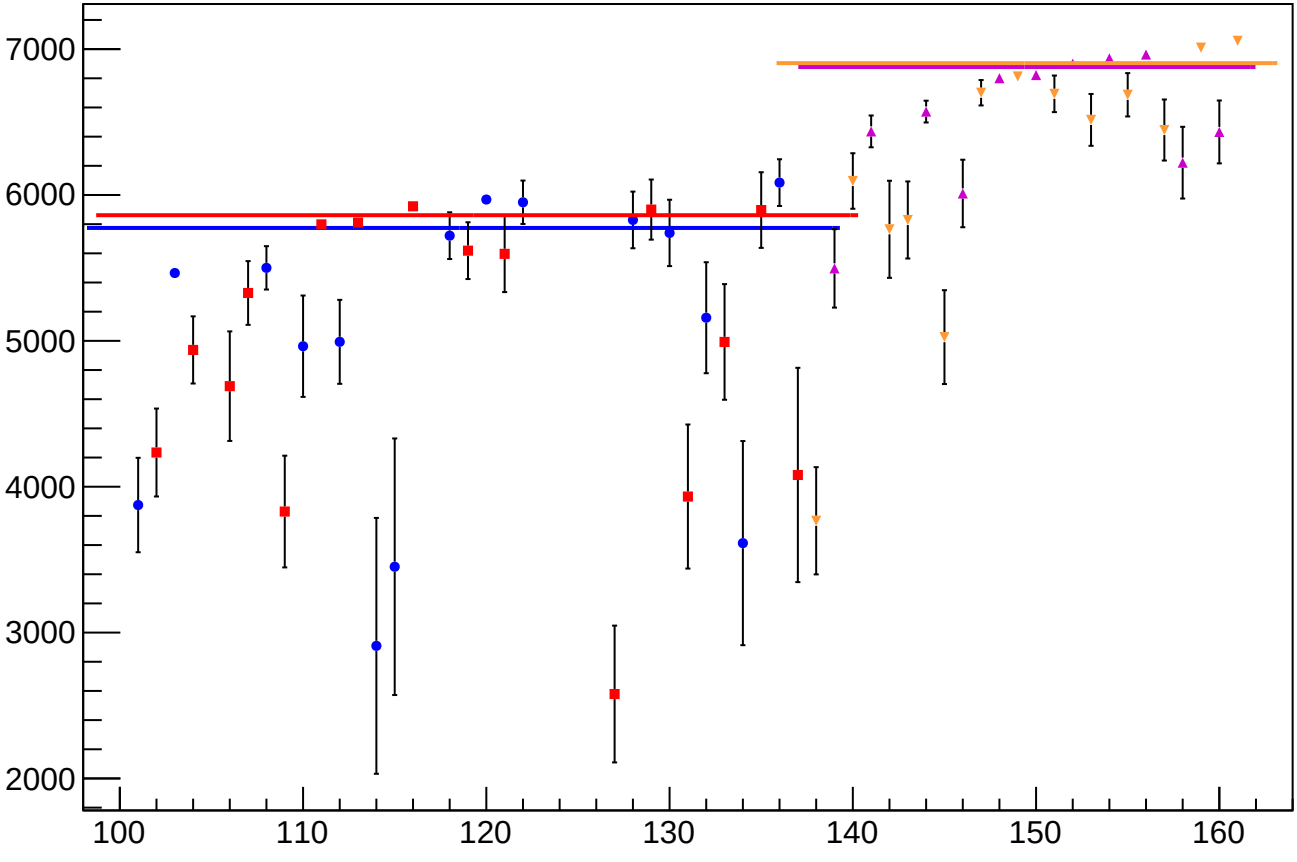
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -865.808+/-0.125 χ^2/NDF:2553324373.7/25

Out: -2452.579+/-0.119 χ^2/NDF:2234104601.2/28

All: -1695.425+/-0.086 χ^2/NDF: 4871568328

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6904.015+/-0.231 χ^2/NDF:196199.6/12

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6877.524+/-0.173 χ^2/NDF:152471.6/10

Left: 6887.007+/-0.138 χ^2/NDF: 357097.5/23

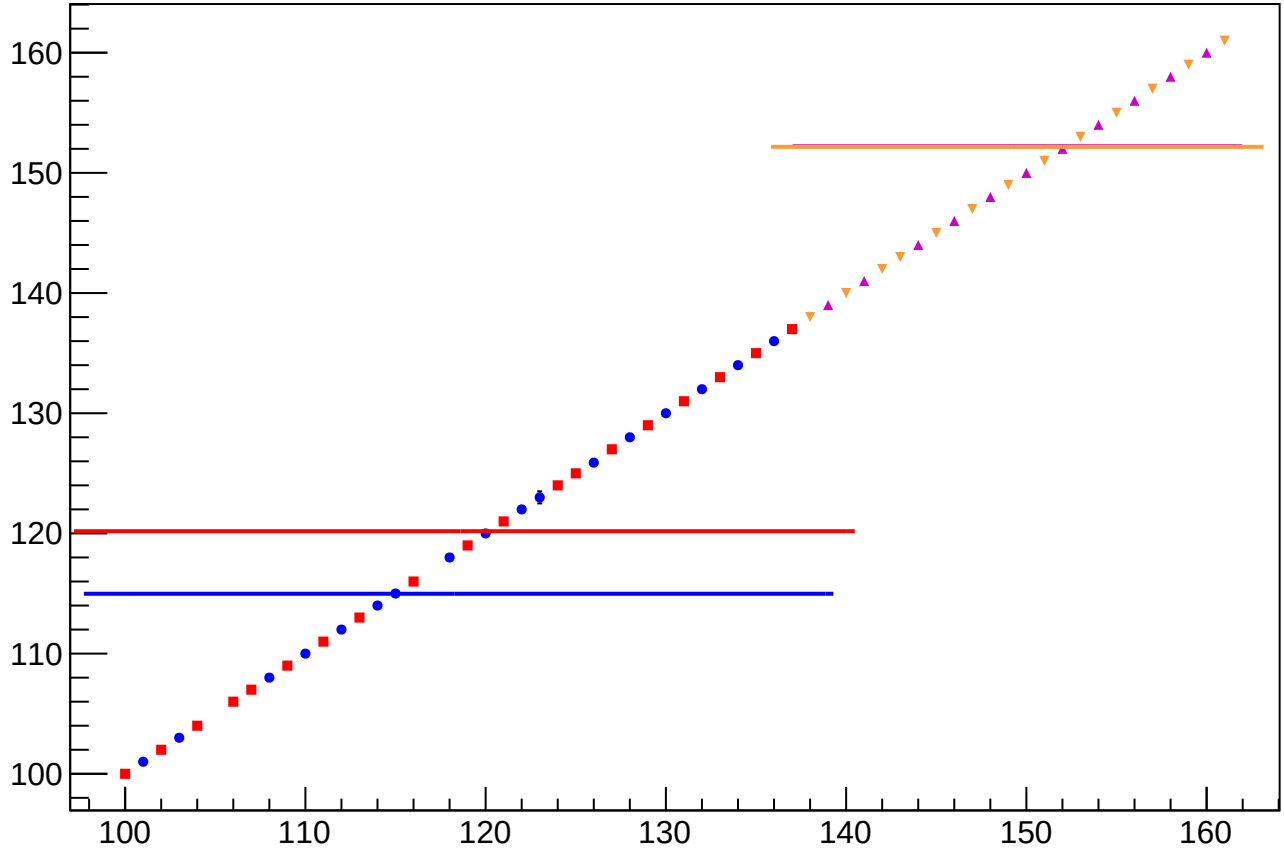
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6353.215+/-0.125 χ^2/NDF:21387495.8/25

Out: 6139.864+/-0.119 χ^2/NDF:15275099.8/28

All: 6241.668+/-0.086 χ^2/NDF: 38183705.4/5

dit_slug_slope vs Slug, Sign Corrected



Left: 152.196+/-0.000 χ^2/NDF: 4273604942849540

Right In: 114.980+/-0.000 χ^2/NDF: 1123449362460129347149344402309 12.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 152.168+/-0.000 χ^2/NDF:2960375284483664724283873034240 0.0/12

In: 126.214+/-0.000 χ^2/NDF:7428005743491890 7

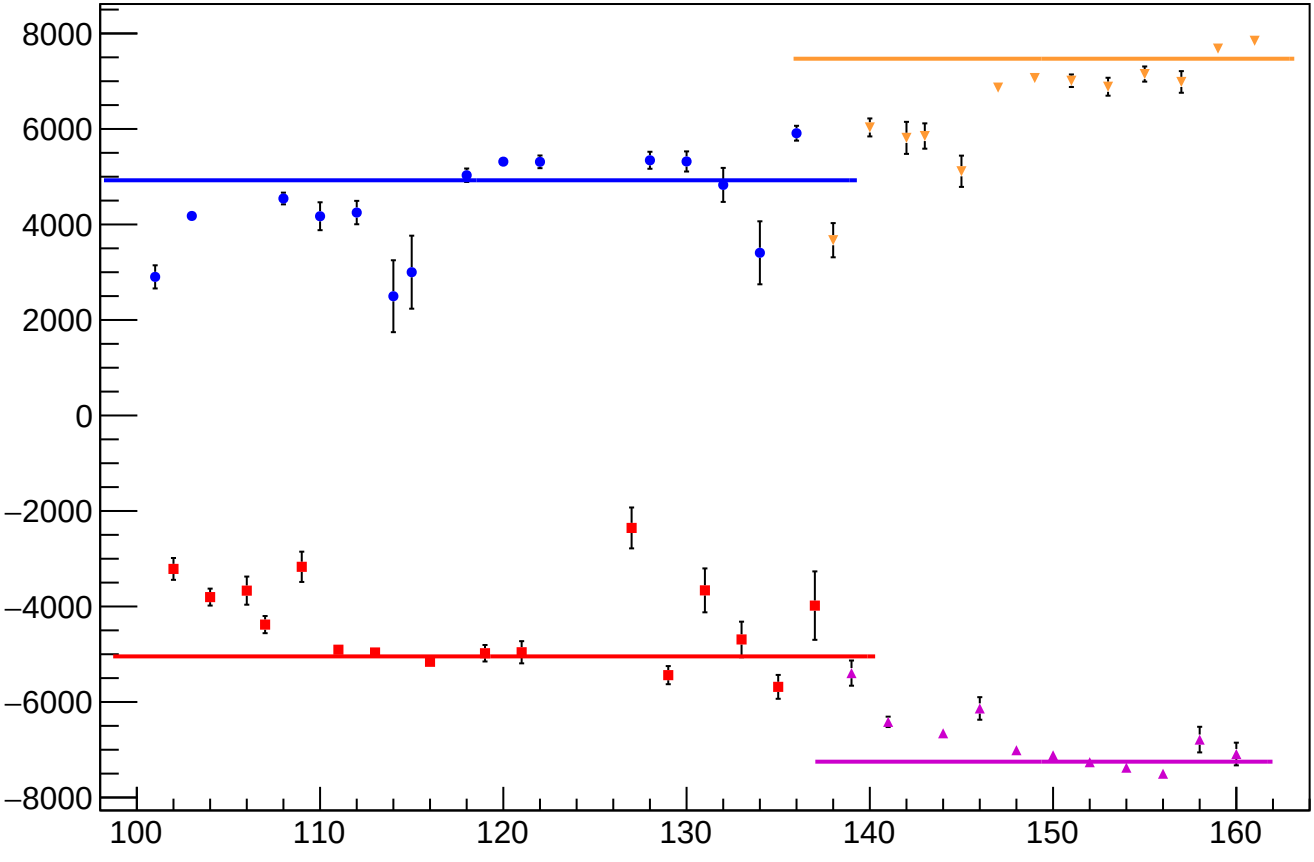
Right Out: 120.186+/-0.000 χ^2/NDF: 5223325364426169552819804176384 0.0/18

Out: 130.671+/-0.000 χ^2/NDF:4205775786535807

Left In: 152.217+/-0.000 χ^2/NDF:1313162564359897551765186491187 2.0/10

All: 128.067+/-0.000 χ^2/NDF: 118082393971

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7471.049+/-0.934 χ^2/NDF:129340.5/12

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7250.101+/-0.765 χ^2/NDF:51706.6/10

Left: -1335.499+/-0.592 χ^2/NDF: 148768200.9/23

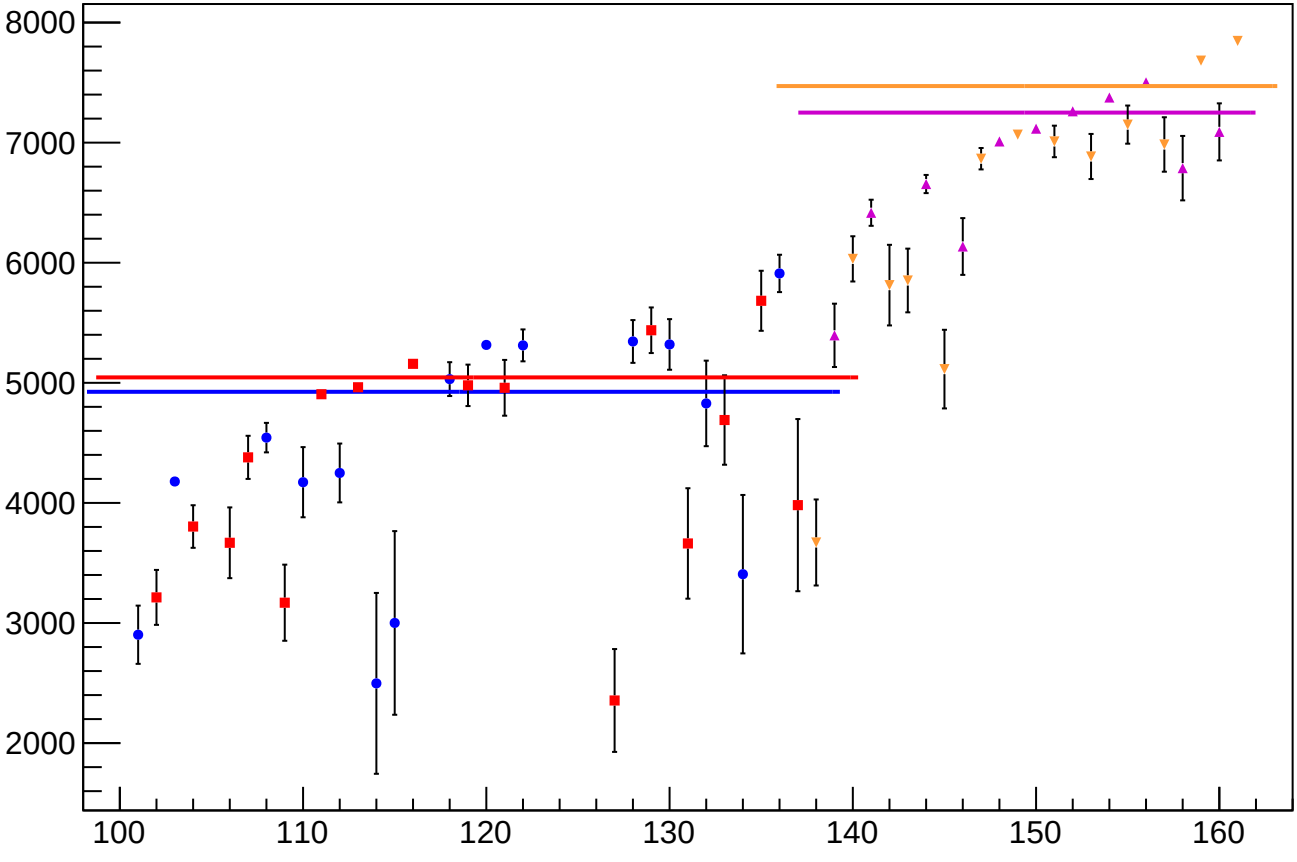
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -2387.172+/-0.593 χ^2/NDF:101423187.3/25

Out: -811.376+/-0.543 χ^2/NDF:118973150.7/28

All: -1530.113+/-0.401 χ^2/NDF: 224233794.8

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7471.049+/-0.934 χ^2/NDF:129340.5/12

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7250.101+/-0.765 χ^2/NDF:51706.6/10

Left: 7338.872+/-0.592 χ^2/NDF: 214518.7/23

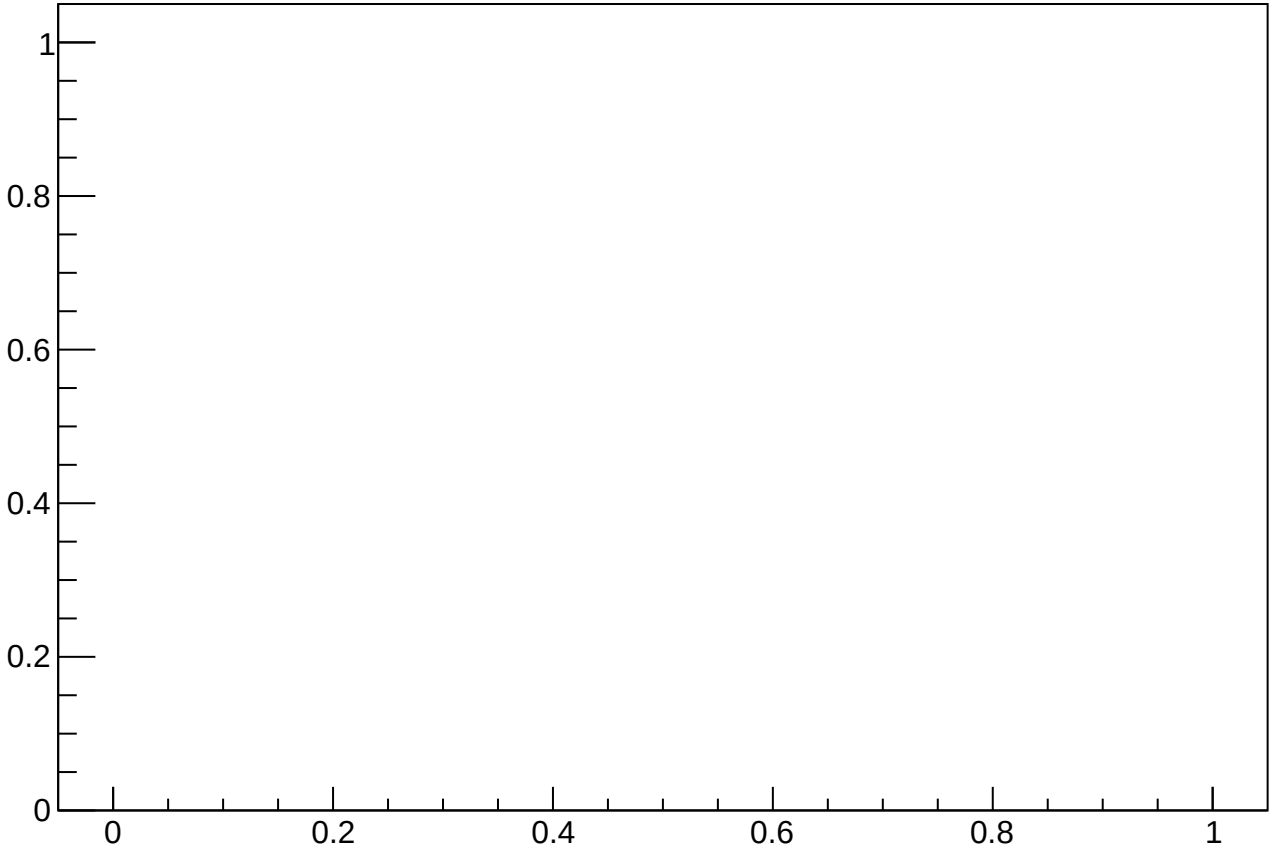
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 6321.564+/-0.593 χ^2/NDF:4066518.2/25

Out: 5865.799+/-0.543 χ^2/NDF:4622616.8/28

All: 6073.678+/-0.401 χ^2/NDF: 9010149.6/54

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

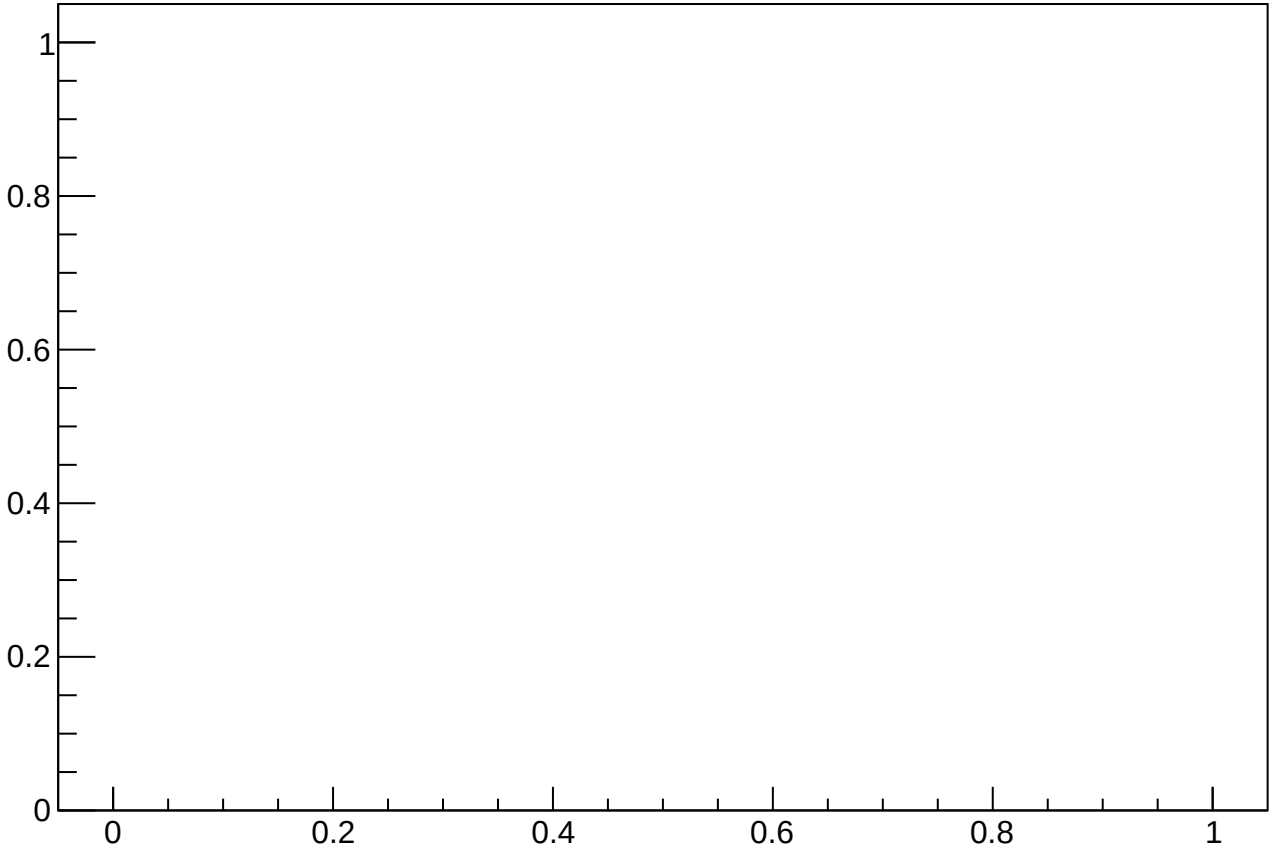
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

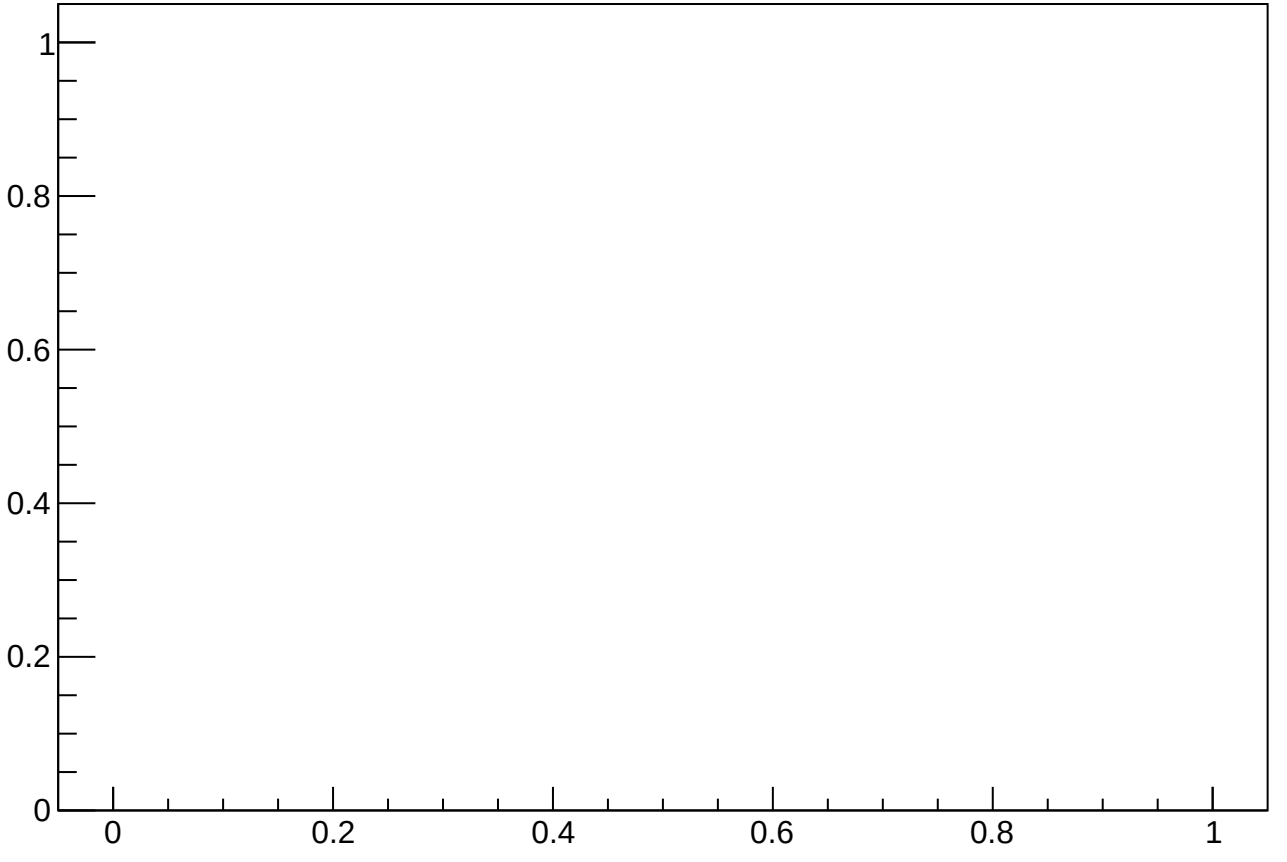
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

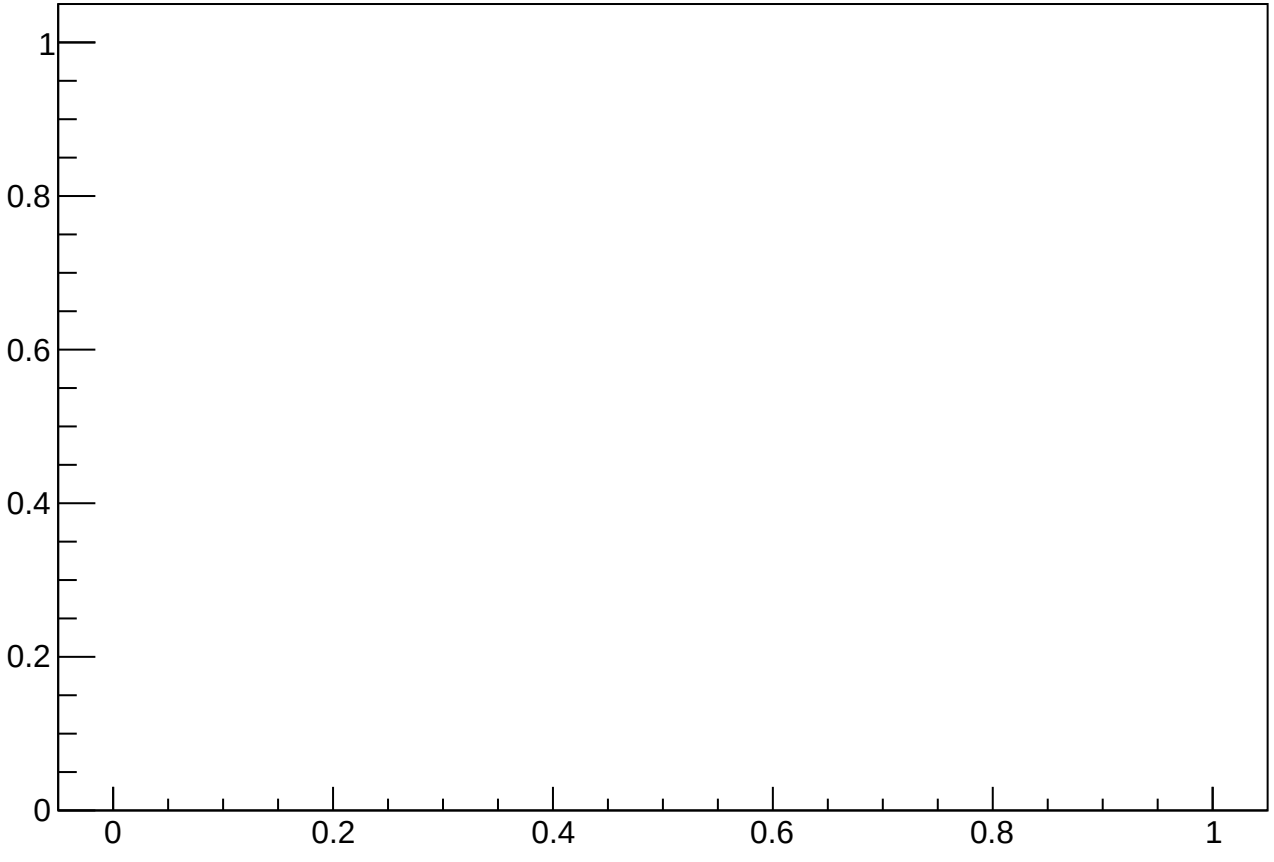
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

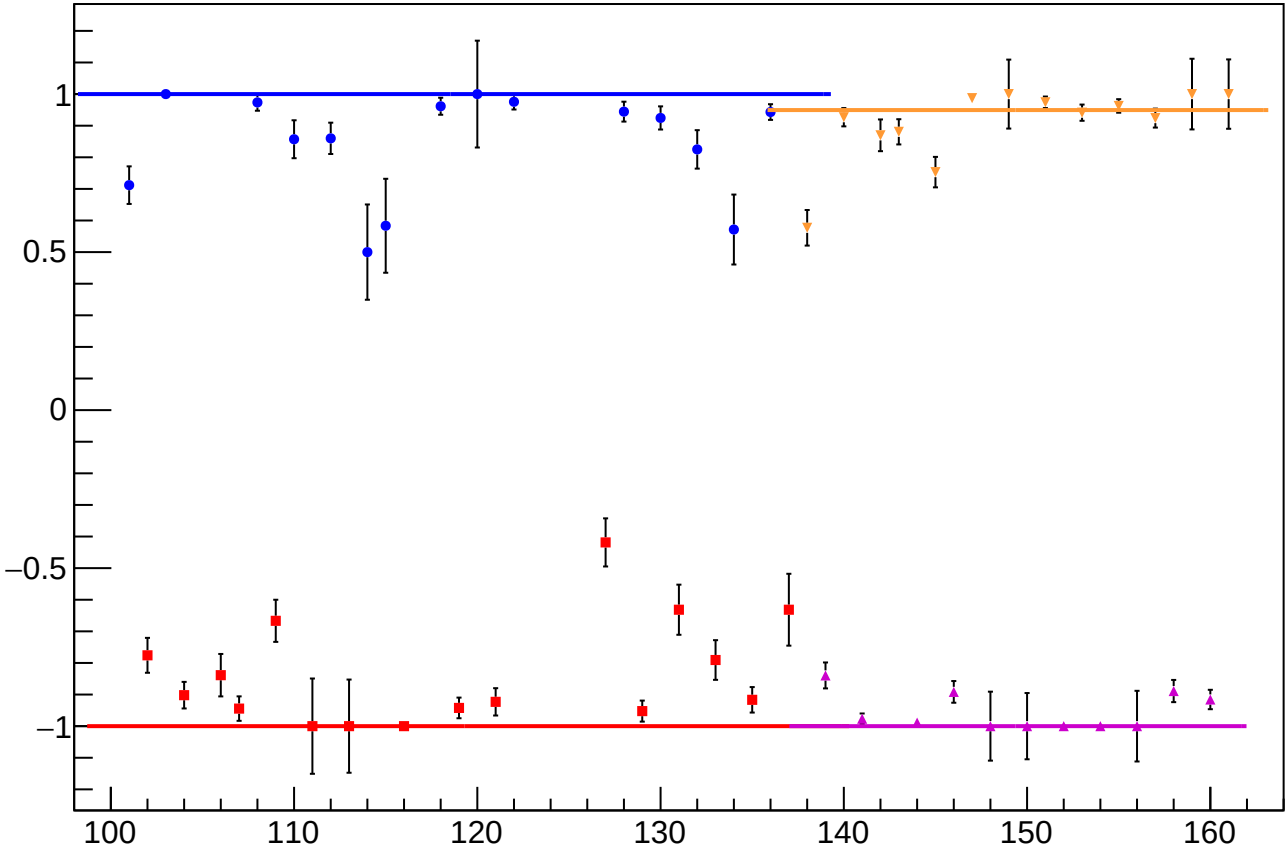
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 0.949+/-0.008 χ^2/NDF:78.8/12

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:389.8/10

Left: -1.000+/-0.000 χ^2/NDF: 65518.1/23

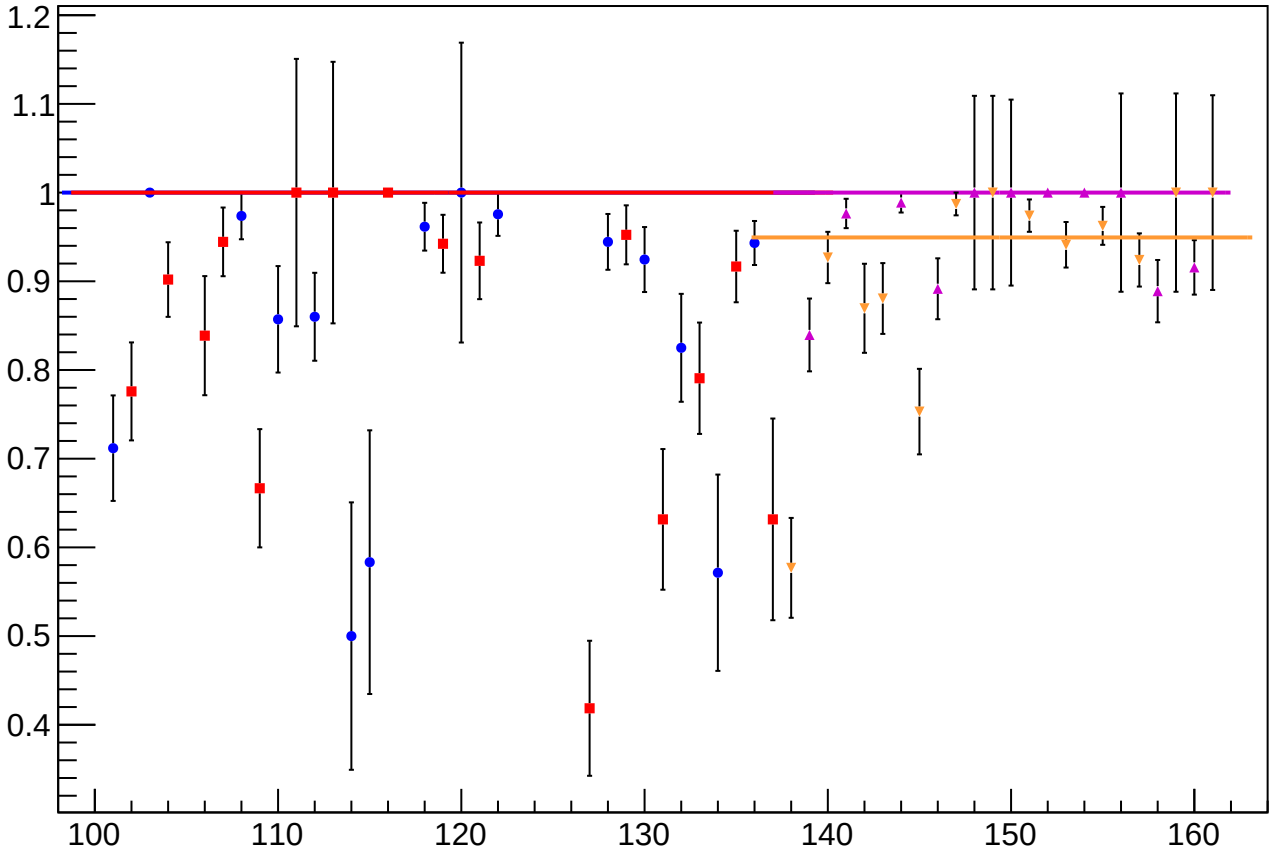
Right: 0.398+/-0.000 χ^2/NDF: 1417325008447948

In: -0.500+/-0.000 χ^2/NDF:35291392710353912

Out: -1.000+/-0.000 χ^2/NDF:65297.1/28

All: -0.549+/-0.000 χ^2/NDF: 3643573099538

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.949+/-0.008 χ^2/NDF:78.8/12

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:389.8/10

Left: 1.000+/-0.000 χ^2/NDF: 512.4/23

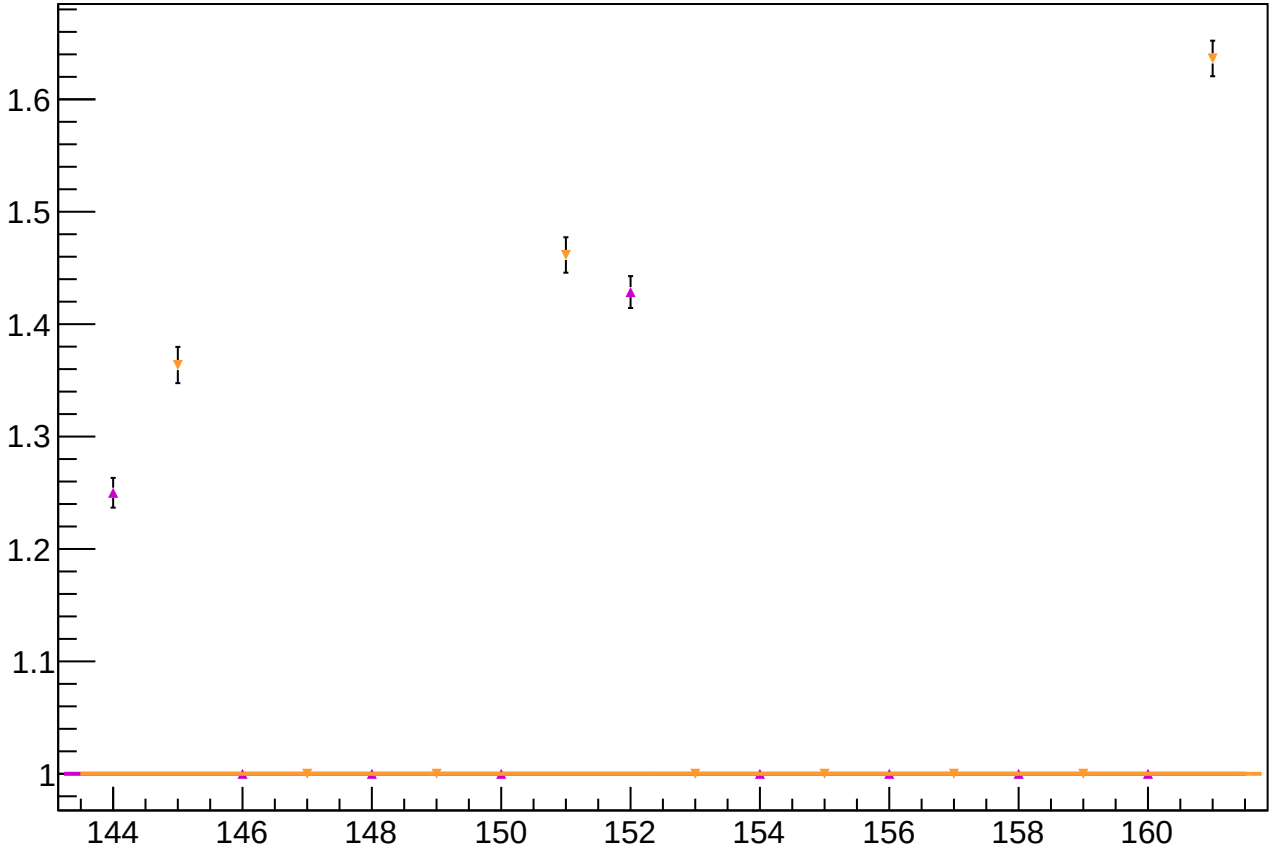
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:485.7/25

Out: 1.000+/-0.000 χ^2/NDF:291.4/28

All: 1.000+/-0.000 χ^2/NDF: 777.2/54

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:4278.5/8

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

Left In: 1.000+/-0.000 χ^2/NDF:1857.5/8

Left: 1.000+/-0.000 χ^2/NDF: 6856.0/17

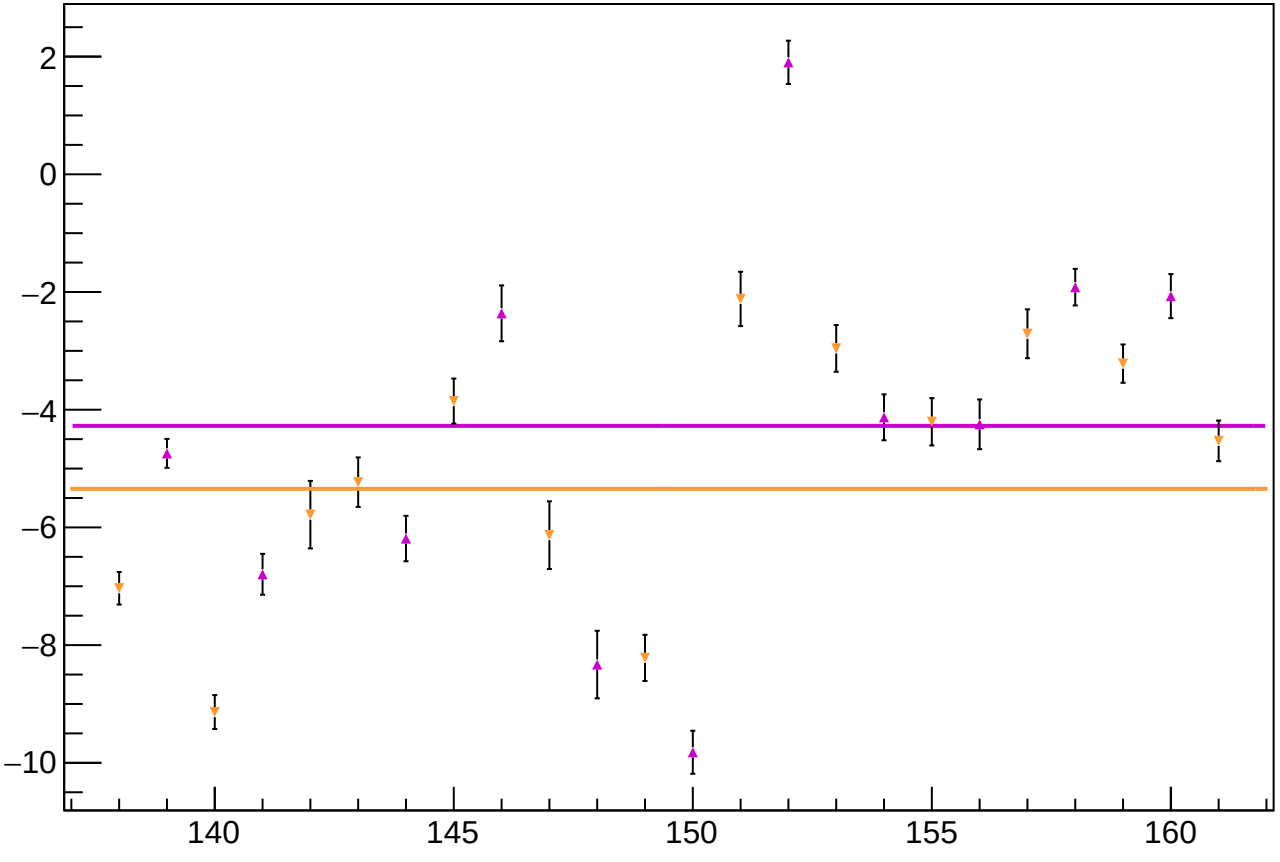
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:1857.5/8

Out: 1.000+/-0.000 χ^2/NDF:4278.5/8

All: 1.000+/-0.000 χ^2/NDF: 6856.0/17

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -5.344+/-0.105 χ^2/NDF:463.2/12

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

Left In: -4.275+/-0.109 χ^2/NDF:750.3/10

Left: -4.832+/-0.076 χ^2/NDF: 1263.3/23

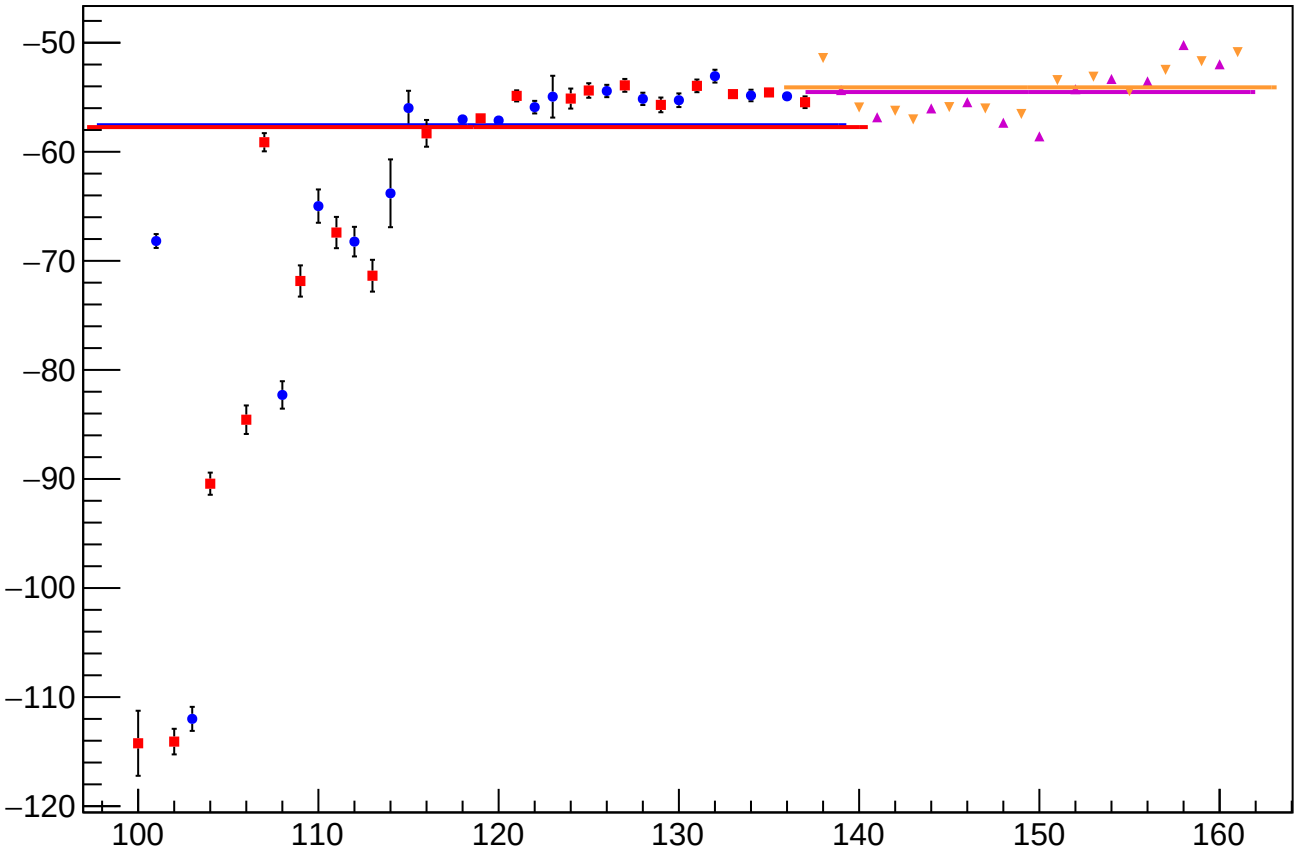
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.275+/-0.109 χ^2/NDF:750.3/10

Out: -5.344+/-0.105 χ^2/NDF:463.2/12

All: -4.832+/-0.076 χ^2/NDF: 1263.3/23

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -54.091+/-0.077 χ^2/NDF:772.7/12

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -54.522+/-0.082 χ^2/NDF:1021.4/10

Left: -54.292+/-0.056 χ^2/NDF: 1808.9/23

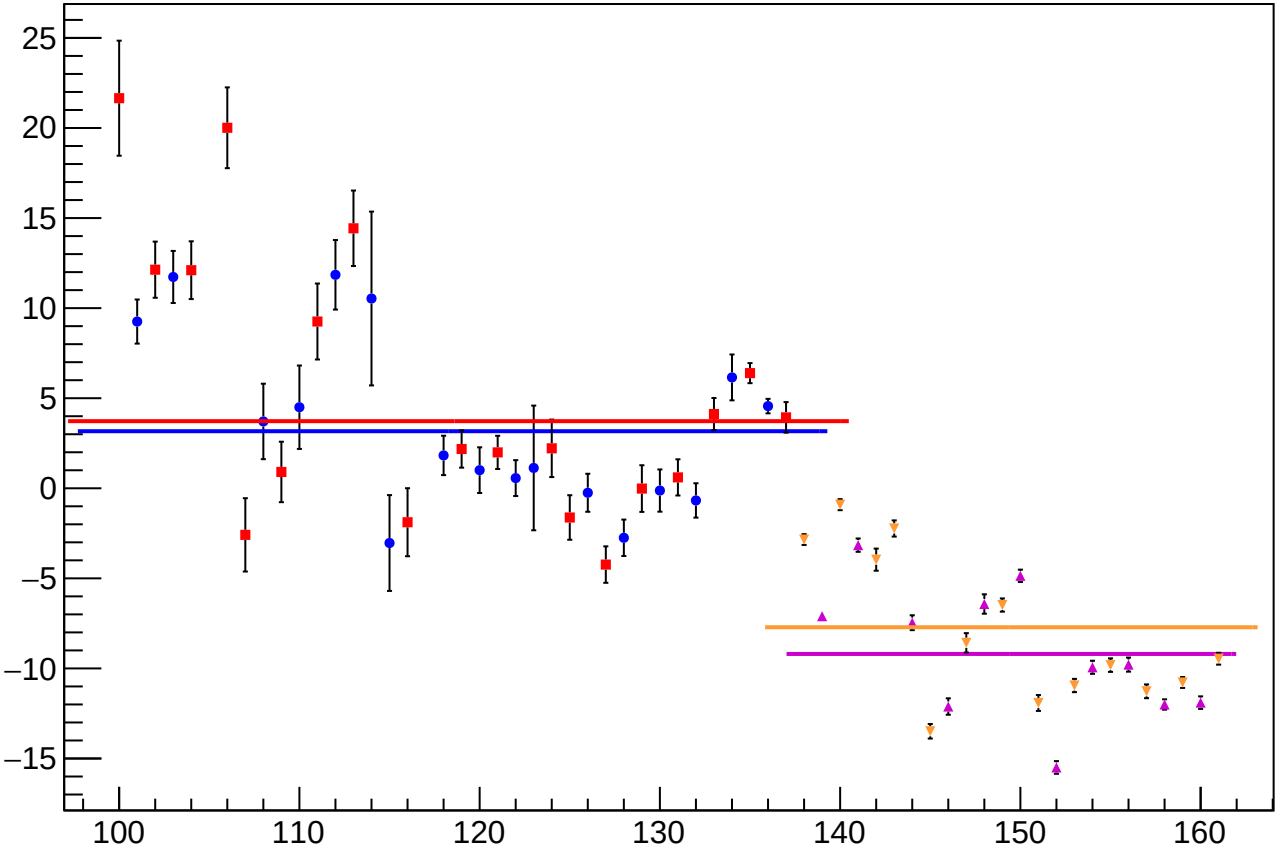
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -55.287+/-0.071 χ^2/NDF:4823.2/27

Out: -54.904+/-0.068 χ^2/NDF:5975.9/31

All: -55.086+/-0.049 χ^2/NDF: 10814.4/59

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.714+/-0.104 χ^2/NDF:1575.2/12

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -9.196+/-0.107 χ^2/NDF:1056.3/10

Left: -8.429+/-0.075 χ^2/NDF: 2730.0/23

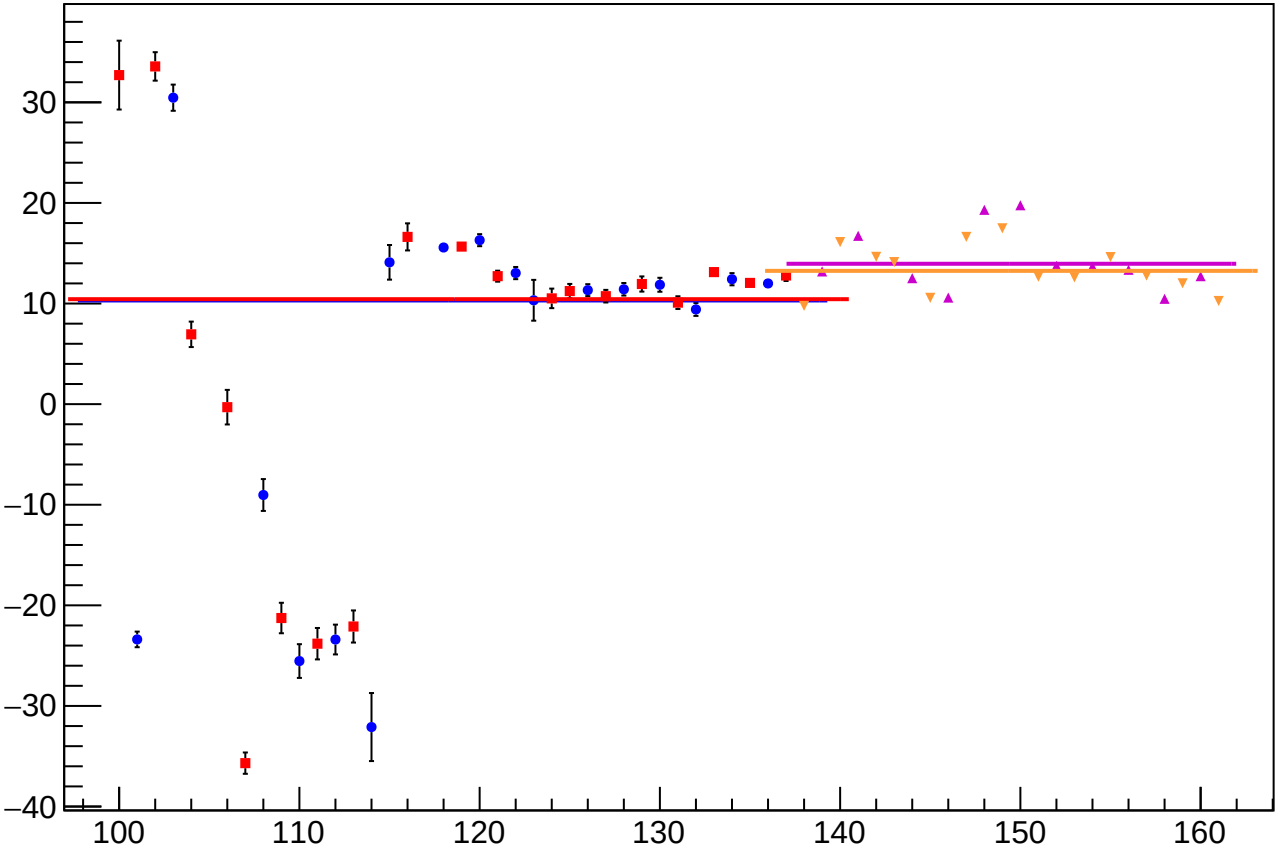
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -7.366+/-0.099 χ^2/NDF:3203.3/27

Out: -6.215+/-0.097 χ^2/NDF:3492.7/31

All: -6.776+/-0.069 χ^2/NDF: 6765.0/59

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.248+/-0.089 χ^2/NDF:722.8/12

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 13.953+/-0.094 χ^2/NDF:1040.5/10

Left: 13.580+/-0.064 χ^2/NDF: 1793.1/23

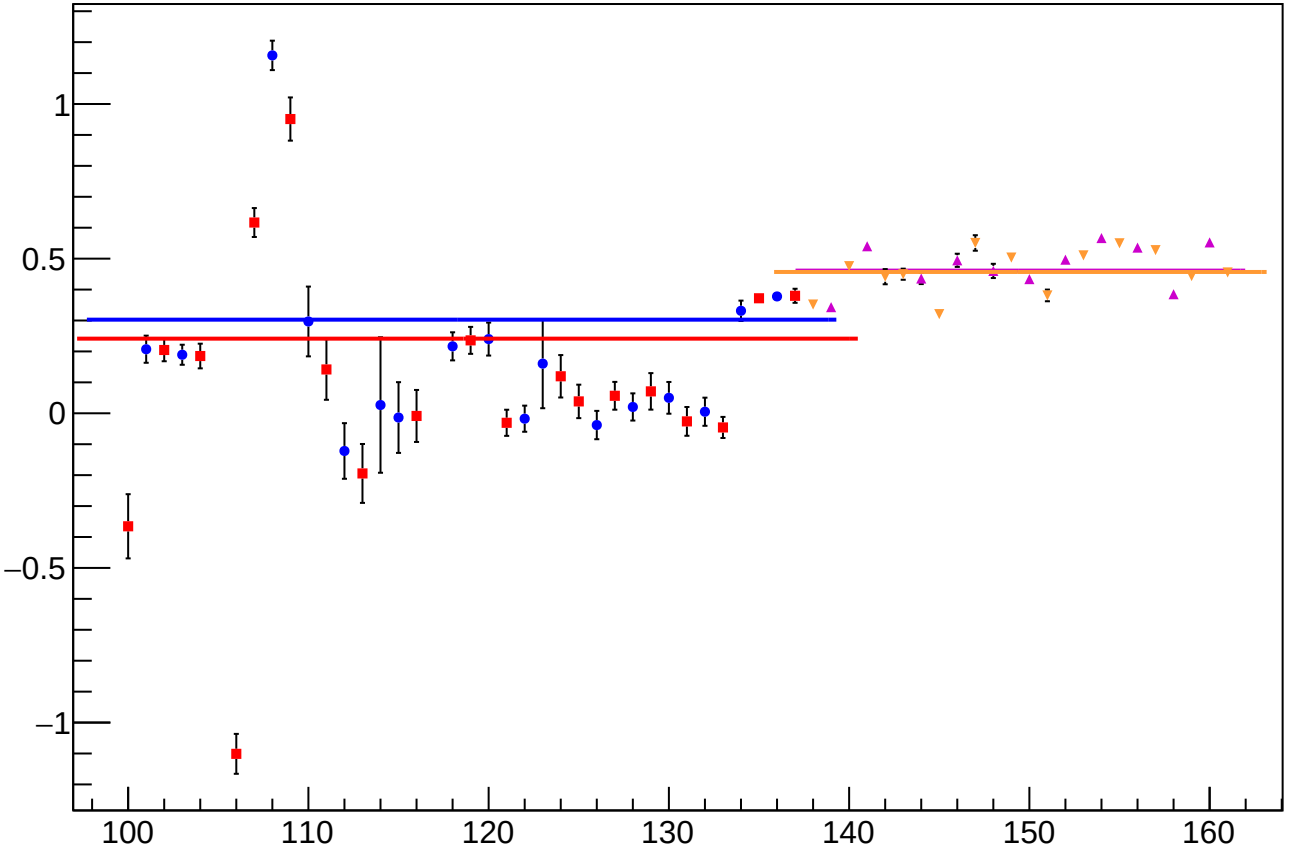
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 12.989+/-0.081 χ^2/NDF:5150.9/27

Out: 12.587+/-0.077 χ^2/NDF:4788.5/31

All: 12.780+/-0.056 χ^2/NDF: 9952.4/59

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.457+/-0.004 χ^2/NDF:297.9/12

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.461+/-0.004 χ^2/NDF:408.5/10

Left: 0.459+/-0.003 χ^2/NDF: 707.0/23

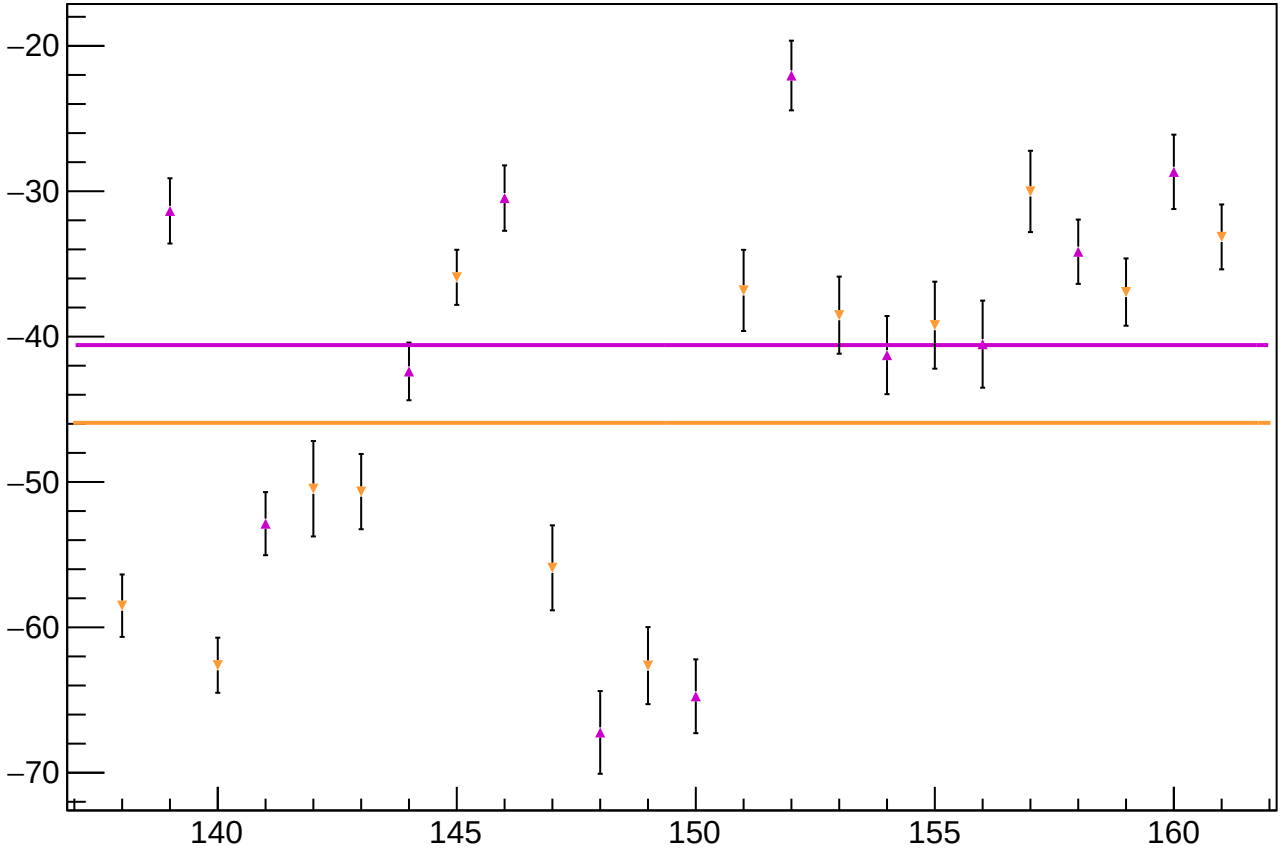
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.430+/-0.004 χ^2/NDF:1355.8/27

Out: 0.418+/-0.004 χ^2/NDF:1813.3/31

All: 0.424+/-0.003 χ^2/NDF: 3174.5/59

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -45.932+/-0.679 χ^2/NDF:299.9/12

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

Left In: -40.584+/-0.721 χ^2/NDF:338.2/10

Left: -43.421+/-0.494 χ^2/NDF: 667.3/23

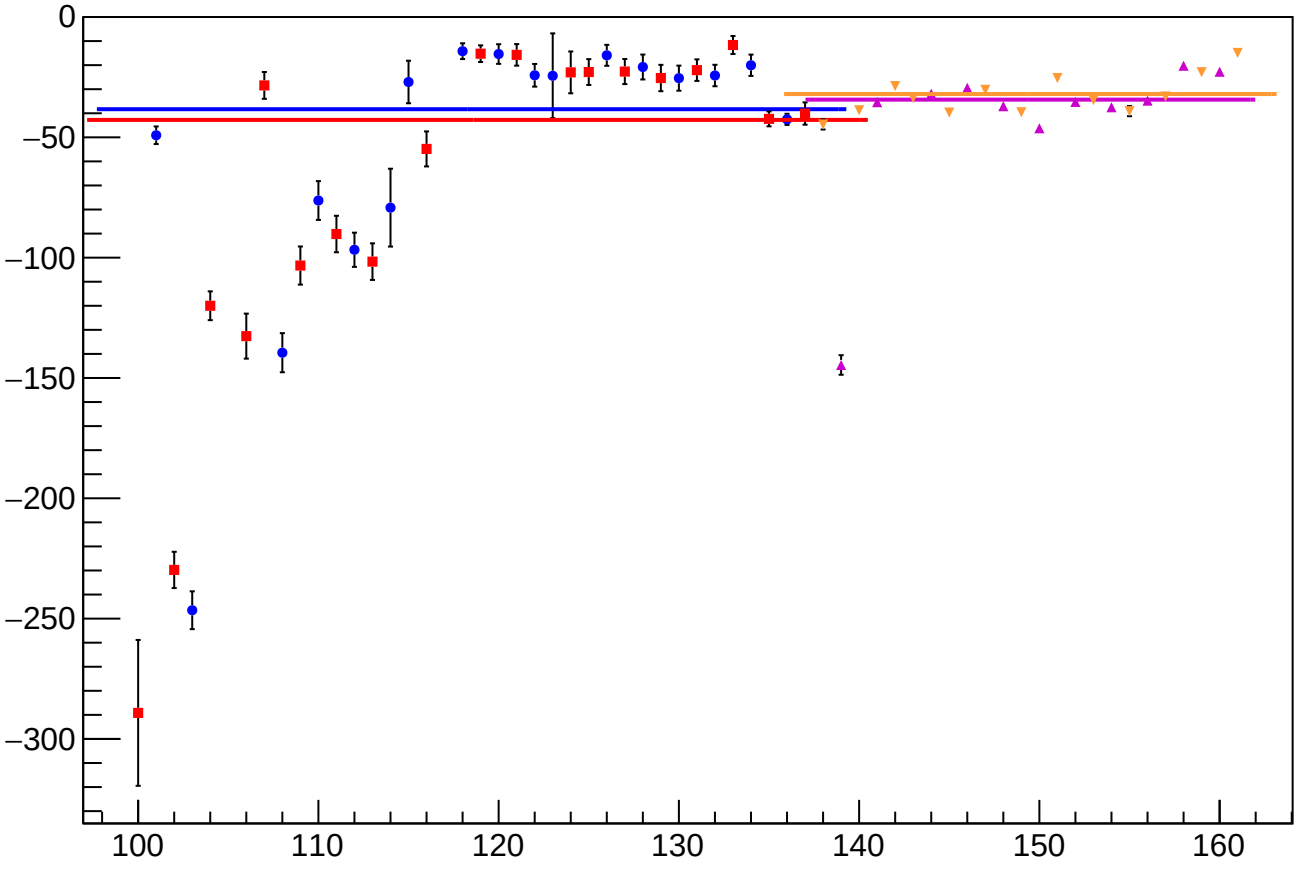
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.584+/-0.721 χ^2/NDF:338.2/10

Out: -45.932+/-0.679 χ^2/NDF:299.9/12

All: -43.421+/-0.494 χ^2/NDF: 667.3/23

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -32.008+/-0.474 χ^2/NDF:287.2/12

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -34.331+/-0.501 χ^2/NDF:937.6/10

Left: -33.106+/-0.345 χ^2/NDF: 1236.2/23

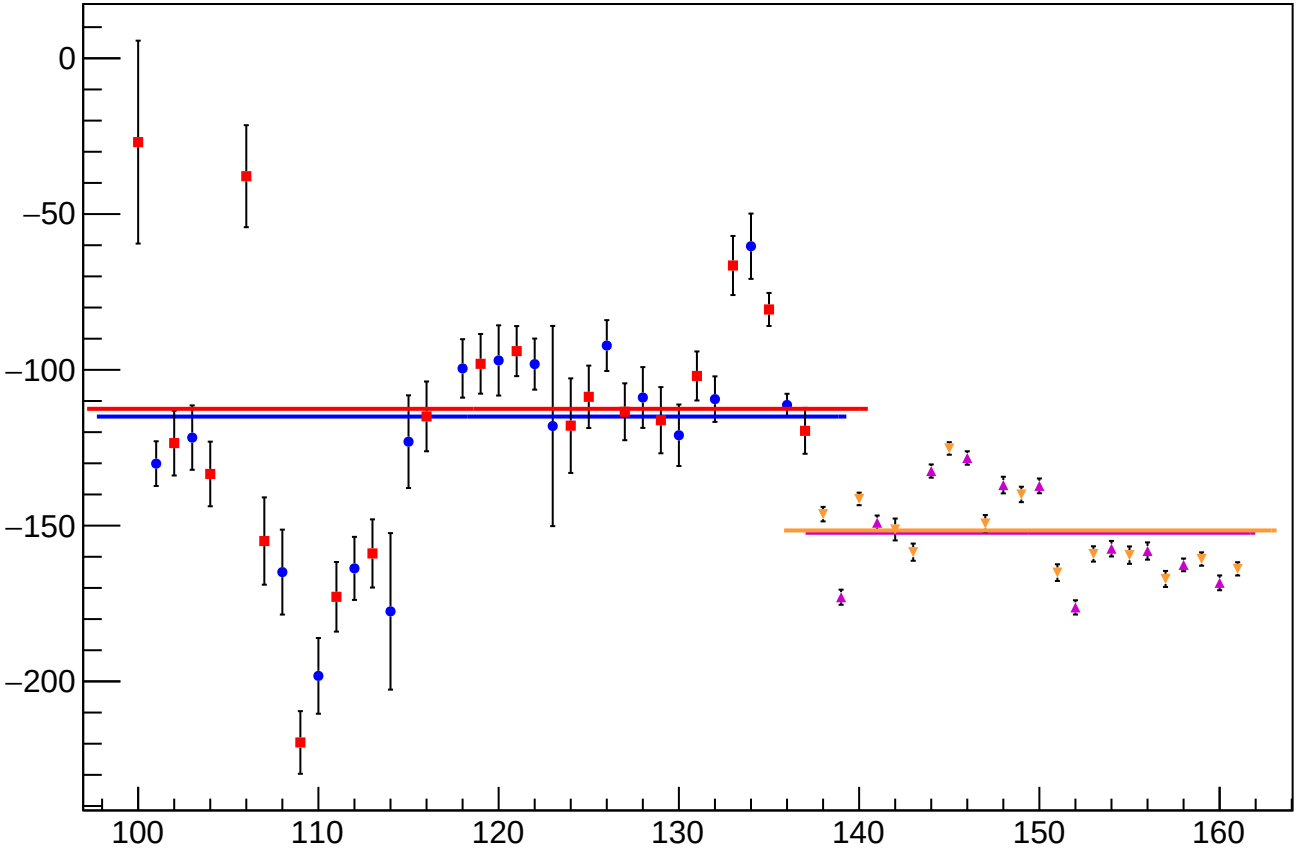
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -34.978+/-0.459 χ^2/NDF:2080.5/27

Out: -33.439+/-0.442 χ^2/NDF:1697.1/31

All: -34.180+/-0.318 χ^2/NDF: 3783.5/59

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -151.551+/-0.673 χ^2/NDF:360.4/12

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -152.288+/-0.706 χ^2/NDF:547.1/10

Left: -151.902+/-0.487 χ^2/NDF: 908.1/23

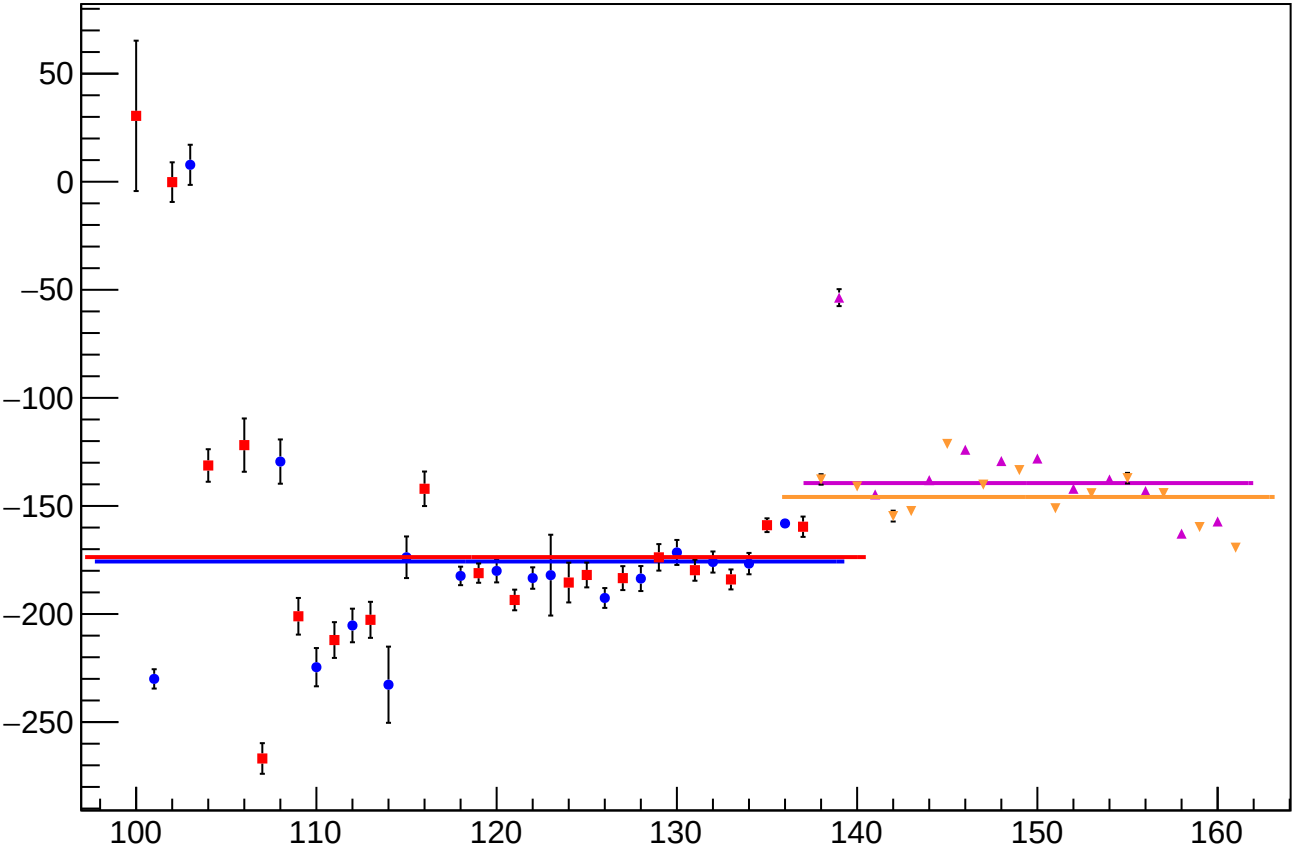
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -148.412+/-0.668 χ^2/NDF:979.1/27

Out: -148.225+/-0.644 χ^2/NDF:919.8/31

All: -148.315+/-0.464 χ^2/NDF: 1899.0/59

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -145.846+/-0.559 χ^2/NDF:565.6/12

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -139.422+/-0.590 χ^2/NDF:936.9/10

Left: -142.810+/-0.406 χ^2/NDF: 1564.9/23

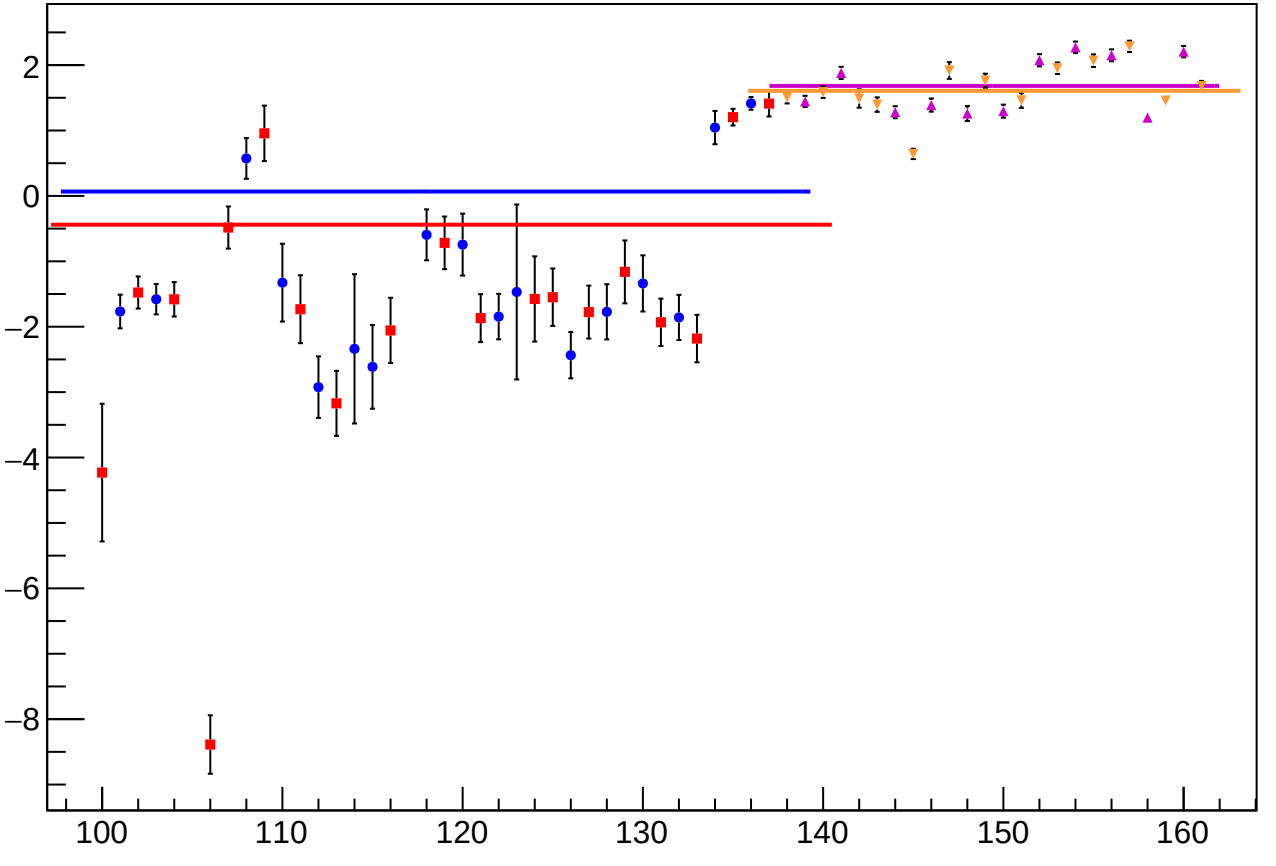
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -145.889+/-0.535 χ^2/NDF:2302.7/27

Out: -149.886+/-0.517 χ^2/NDF:1663.2/31

All: -147.958+/-0.372 χ^2/NDF: 3994.8/59

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.606+/-0.026 χ^2/NDF:267.8/12

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.682+/-0.027 χ^2/NDF:237.8/10

Left: 1.642+/-0.019 χ^2/NDF: 509.5/23

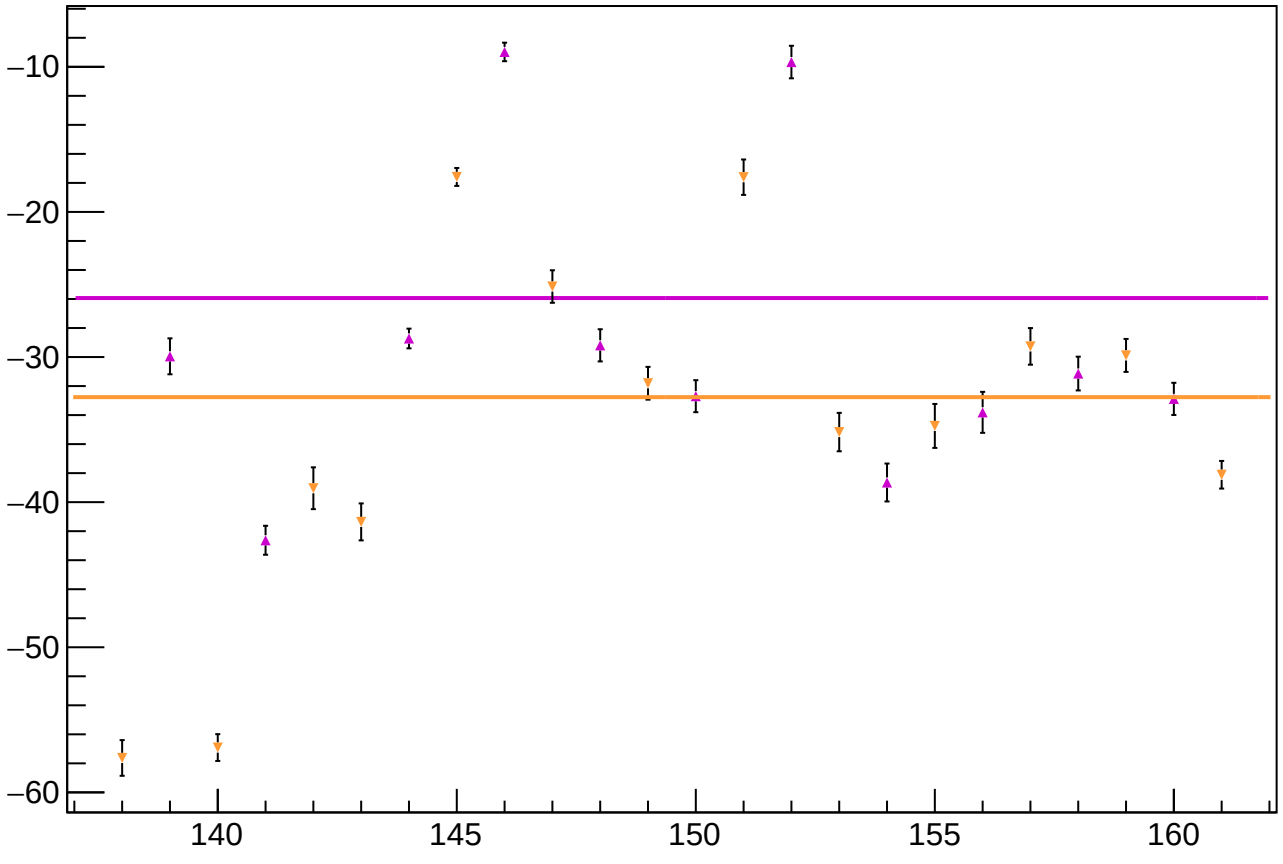
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.450+/-0.025 χ^2/NDF:1262.0/27

Out: 1.362+/-0.025 χ^2/NDF:1752.1/31

All: 1.404+/-0.018 χ^2/NDF: 3020.3/59

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -32.764+/-0.297 χ^2/NDF:2014.9/12

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

Left In: -25.935+/-0.297 χ^2/NDF:1454.3/10

Left: -29.344+/-0.210 χ^2/NDF: 3733.6/23

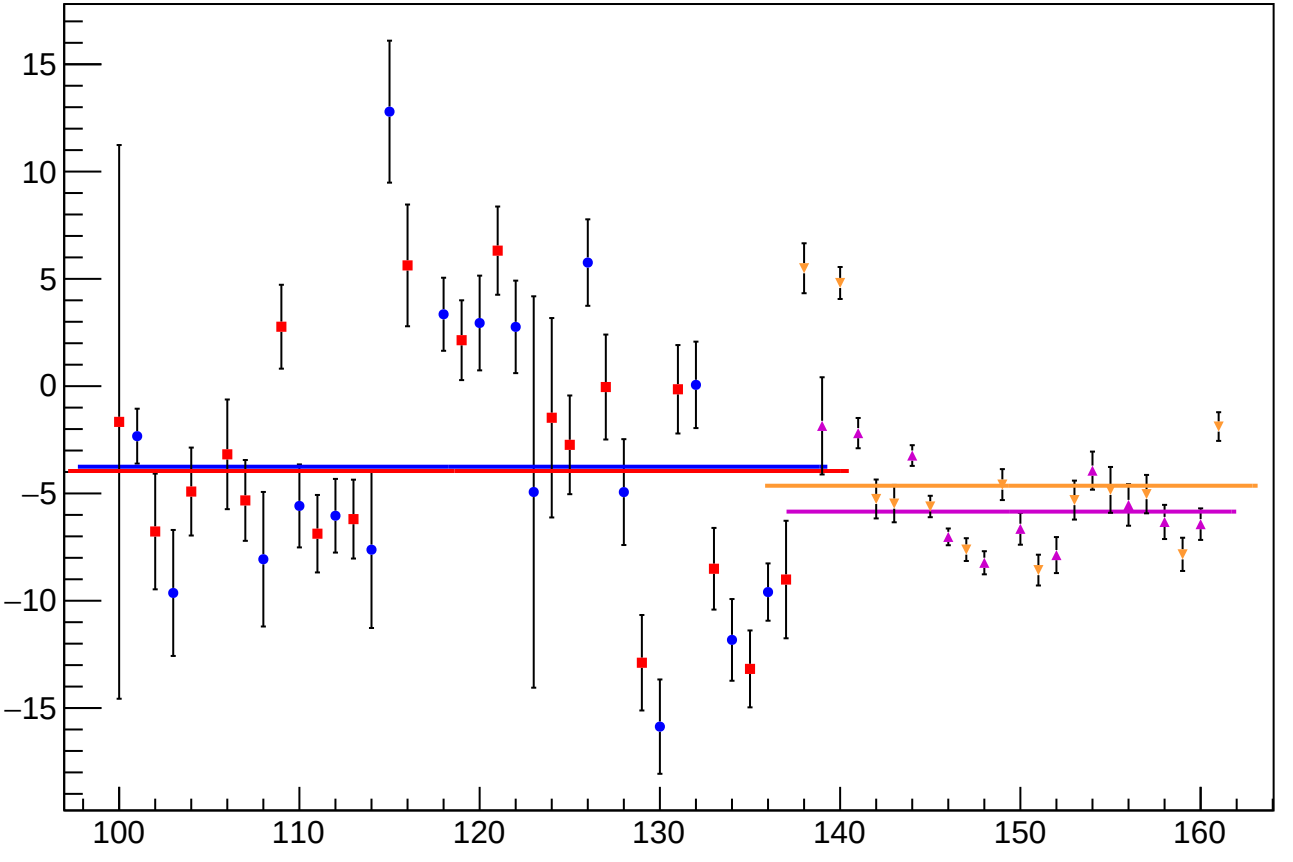
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.935+/-0.297 χ^2/NDF:1454.3/10

Out: -32.764+/-0.297 χ^2/NDF:2014.9/12

All: -29.344+/-0.210 χ^2/NDF: 3733.6/23

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -4.641+/-0.205 χ^2/NDF:338.0/12

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -5.847+/-0.198 χ^2/NDF:100.7/10

Left: -5.265+/-0.142 χ^2/NDF: 456.6/23

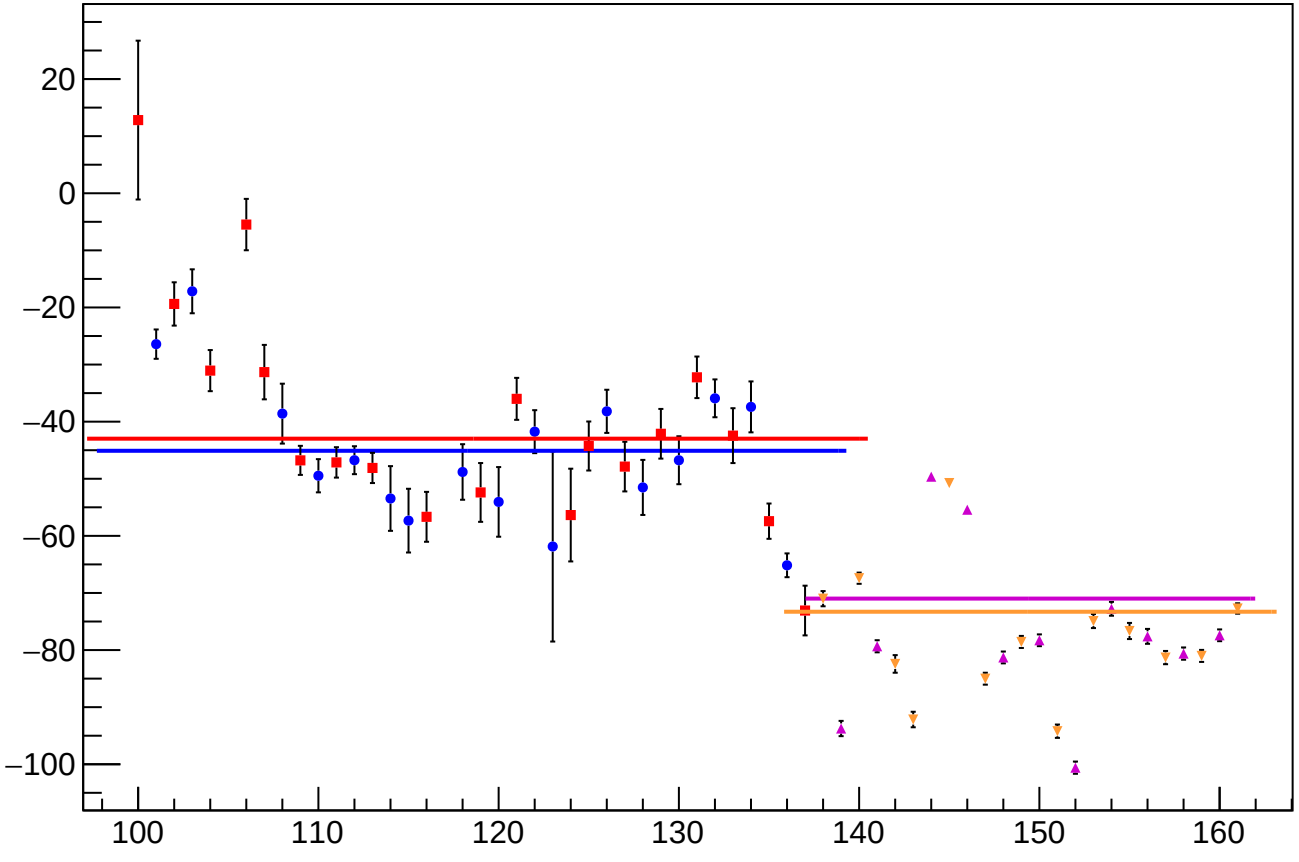
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -5.558+/-0.184 χ^2/NDF:281.4/27

Out: -4.544+/-0.190 χ^2/NDF:462.9/31

All: -5.068+/-0.132 χ^2/NDF: 759.0/59

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -73.287+/-0.296 χ^2/NDF:2029.4/12

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -70.985+/-0.291 χ^2/NDF:2915.2/10

Left: -72.118+/-0.207 χ^2/NDF: 4975.4/23

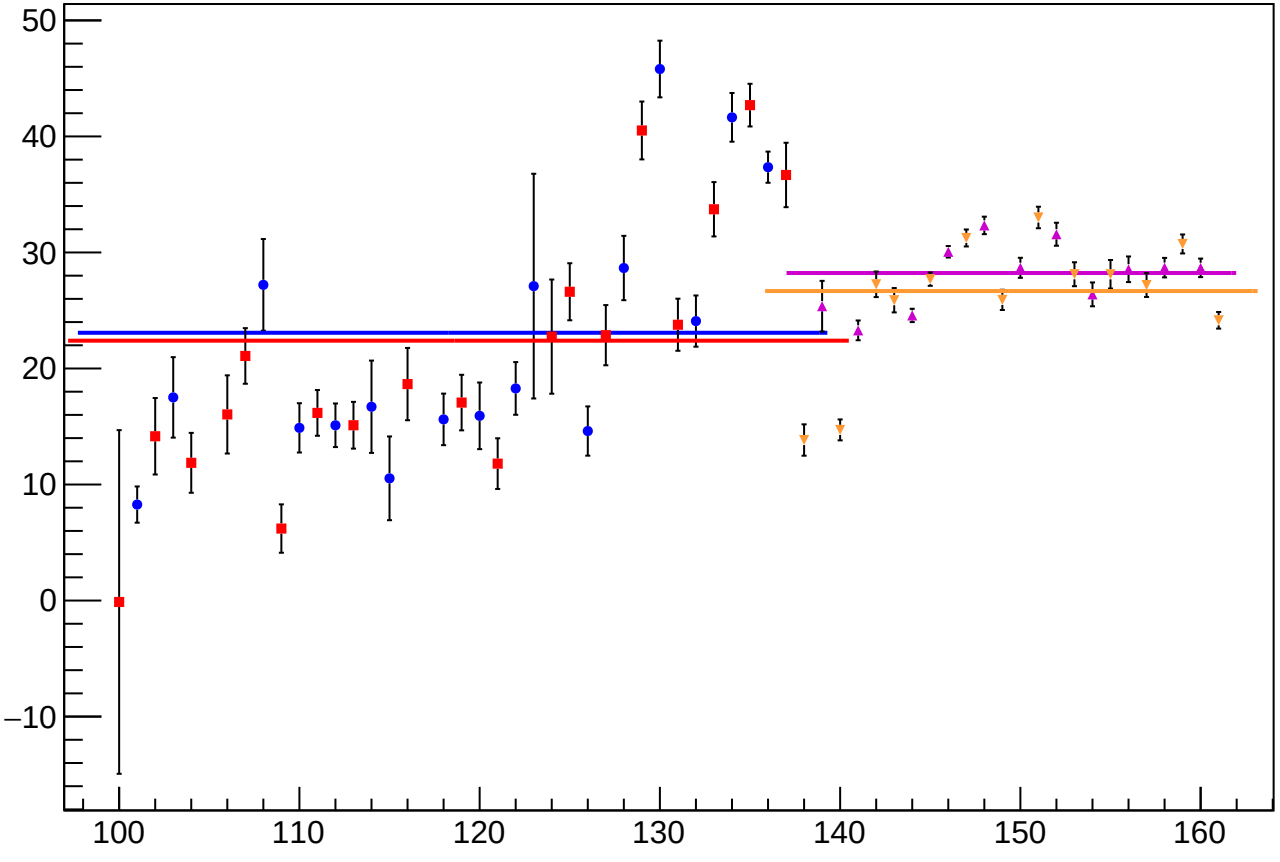
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -68.437+/-0.276 χ^2/NDF:3923.6/27

Out: -70.197+/-0.280 χ^2/NDF:3349.9/31

All: -69.305+/-0.197 χ^2/NDF: 7293.5/59

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 26.674+/-0.243 χ^2/NDF:397.2/12

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 28.229+/-0.238 χ^2/NDF:134.9/10

Left: 27.468+/-0.170 χ^2/NDF: 552.8/23

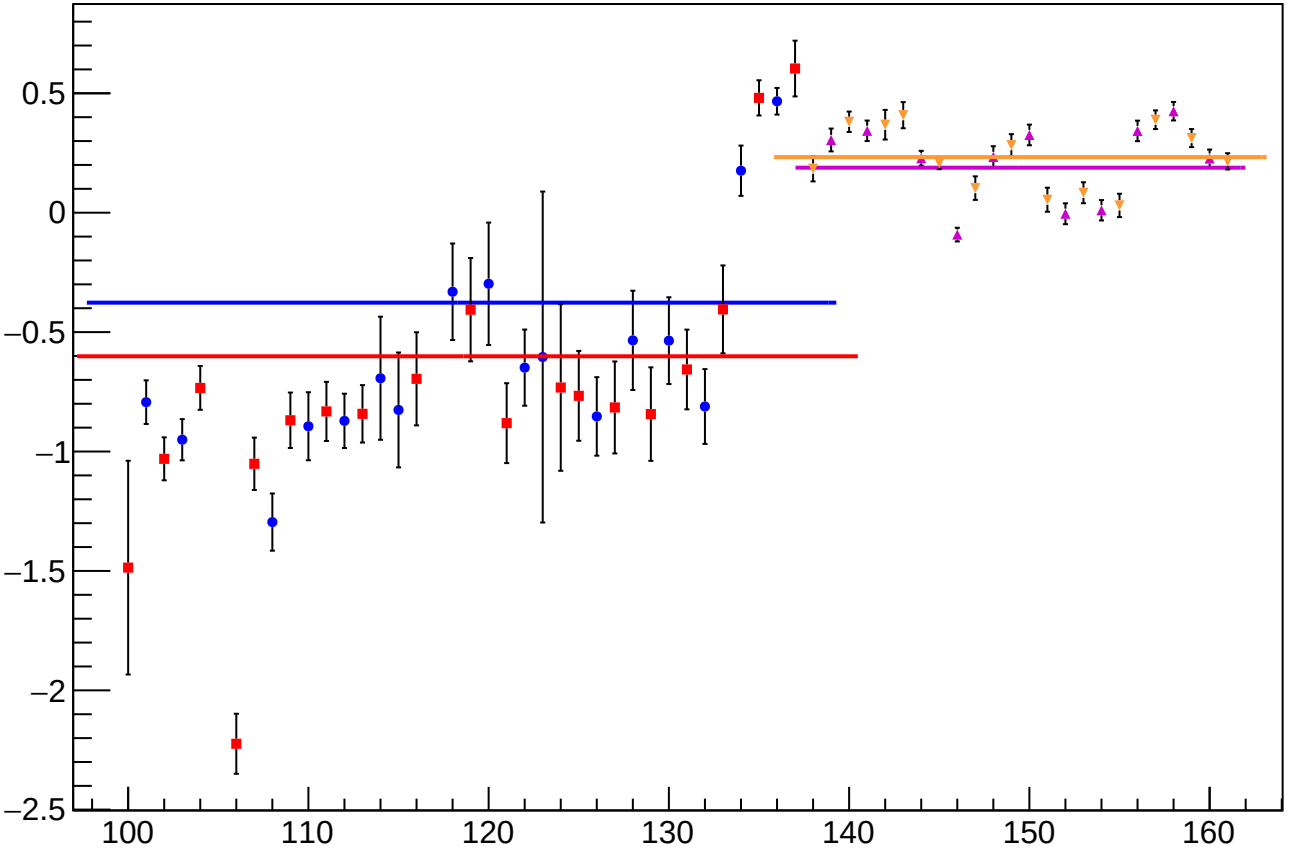
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 27.429+/-0.219 χ^2/NDF:668.5/27

Out: 26.019+/-0.224 χ^2/NDF:814.7/31

All: 26.740+/-0.157 χ^2/NDF: 1503.5/59

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.233+/-0.012 χ^2/NDF:98.9/12

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.188+/-0.012 χ^2/NDF:215.4/10

Left: 0.211+/-0.008 χ^2/NDF: 321.5/23

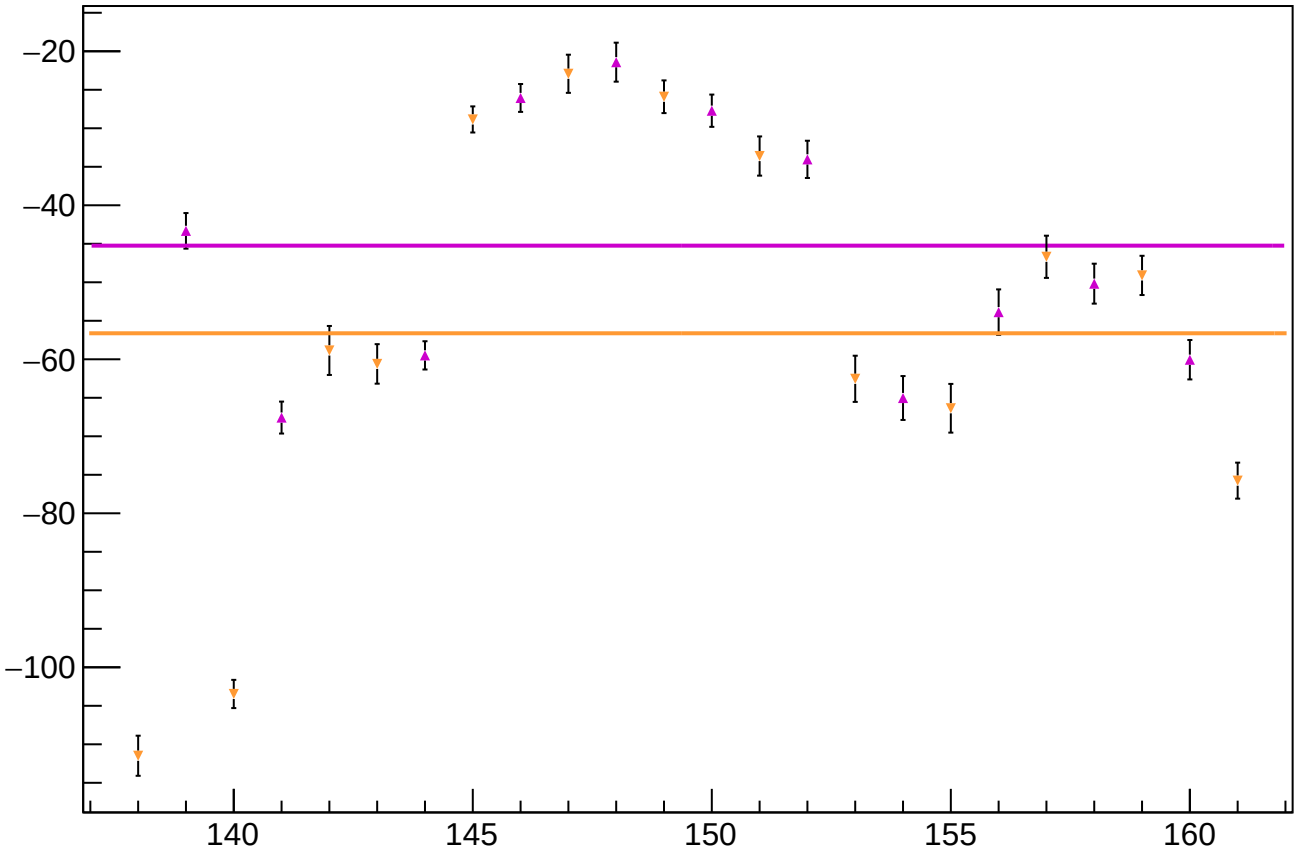
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.114+/-0.011 χ^2/NDF:959.1/27

Out: 0.125+/-0.011 χ^2/NDF:1320.1/31

All: 0.120+/-0.008 χ^2/NDF: 2279.8/59

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -56.622+/-0.665 χ^2/NDF:1946.4/12

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

Left In: -45.243+/-0.688 χ^2/NDF:562.9/10

Left: -51.126+/-0.478 χ^2/NDF: 2650.9/23

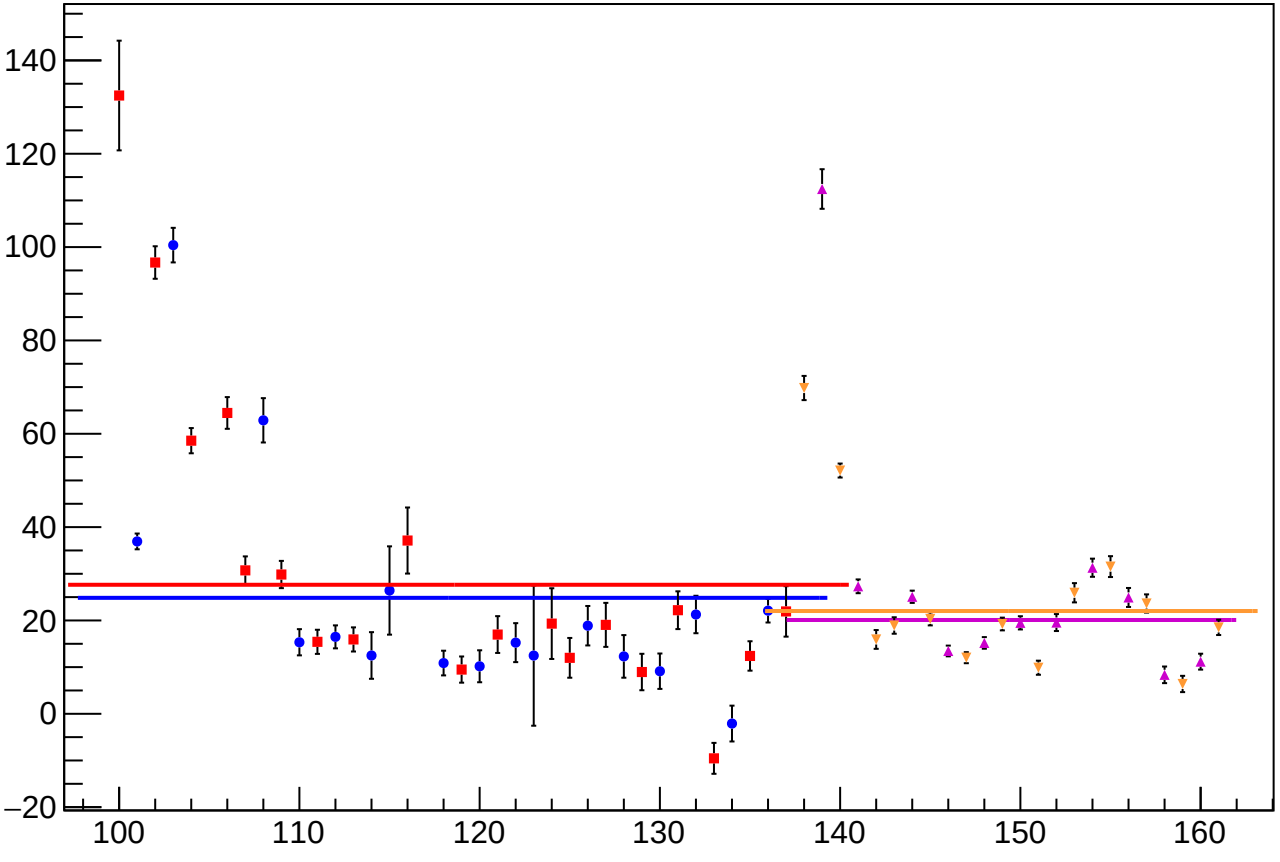
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -45.243+/-0.688 χ^2/NDF:562.9/10

Out: -56.622+/-0.665 χ^2/NDF:1946.4/12

All: -51.126+/-0.478 χ^2/NDF: 2650.9/23

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 22.023+/-0.458 χ^2/NDF:1003.7/12

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 20.100+/-0.473 χ^2/NDF:671.0/10

Left: 21.093+/-0.329 χ^2/NDF: 1683.3/23

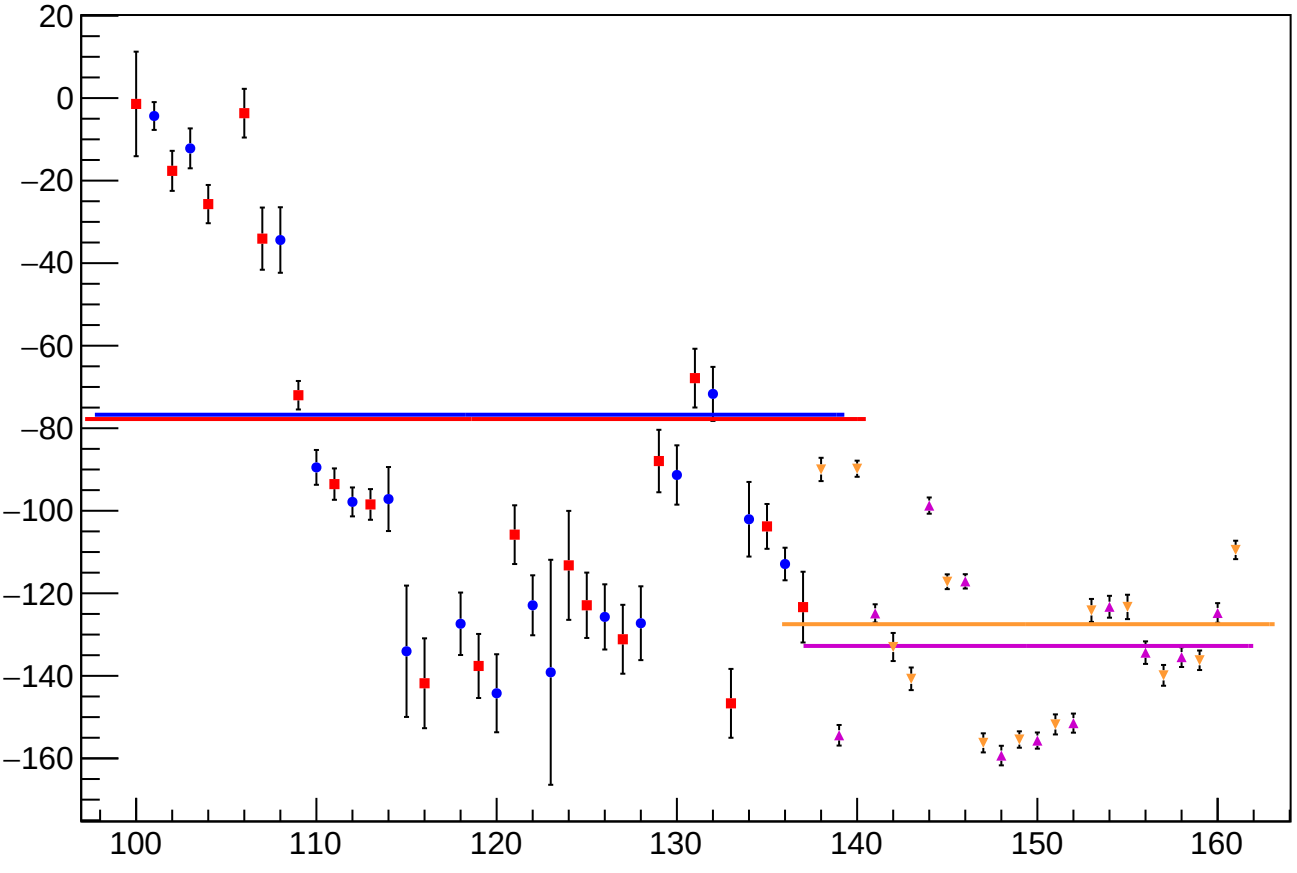
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 21.330+/-0.407 χ^2/NDF:1387.9/27

Out: 23.386+/-0.399 χ^2/NDF:2049.4/31

All: 22.380+/-0.285 χ^2/NDF: 3450.3/59

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -127.483+/-0.658 χ^2/NDF:1166.3/12

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -132.753+/-0.673 χ^2/NDF:821.2/10

Left: -130.058+/-0.471 χ^2/NDF: 2018.8/23

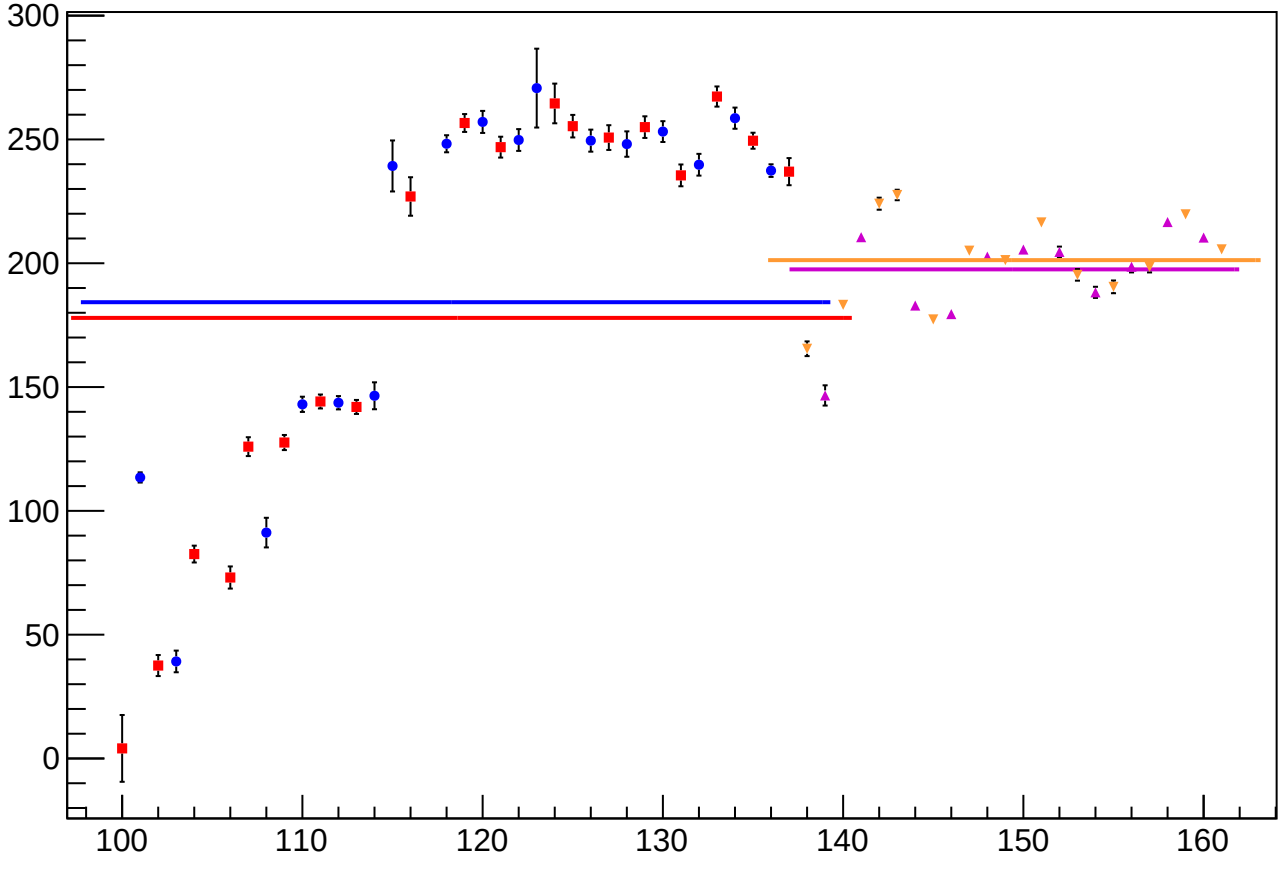
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -122.380+/-0.608 χ^2/NDF:3145.6/27

Out: -117.965+/-0.592 χ^2/NDF:3130.6/31

All: -120.114+/-0.424 χ^2/NDF: 6303.4/59

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 201.259+/-0.545 χ^2/NDF:908.8/12

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 197.523+/-0.562 χ^2/NDF:668.7/10

Left: 199.450+/-0.391 χ^2/NDF: 1600.3/23

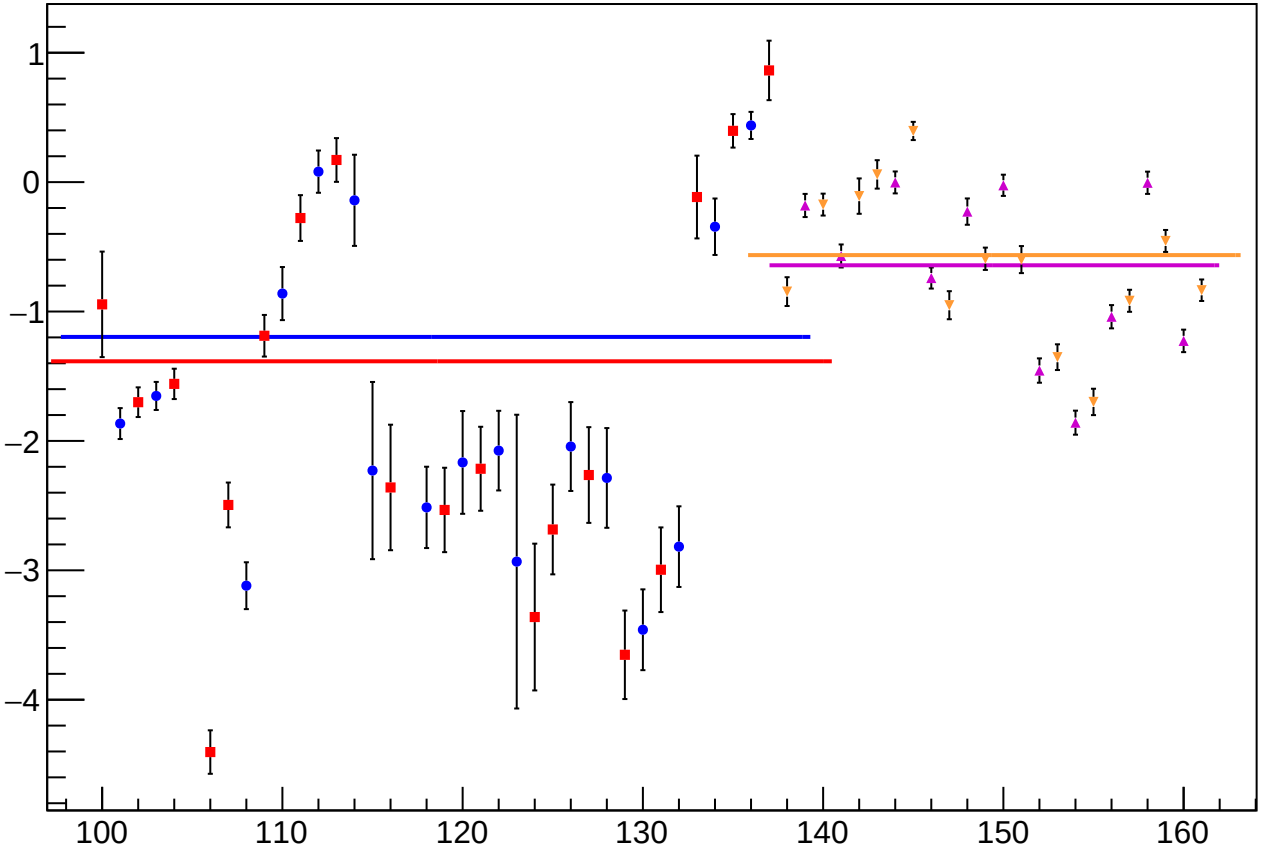
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 193.882+/-0.479 χ^2/NDF:6222.2/27

Out: 195.239+/-0.469 χ^2/NDF:7712.8/31

All: 194.574+/-0.335 χ^2/NDF: 13939.1/59

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.564+/-0.026 χ^2/NDF:486.4/12

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.643+/-0.027 χ^2/NDF:525.2/10

Left: -0.602+/-0.019 χ^2/NDF: 1016.0/23

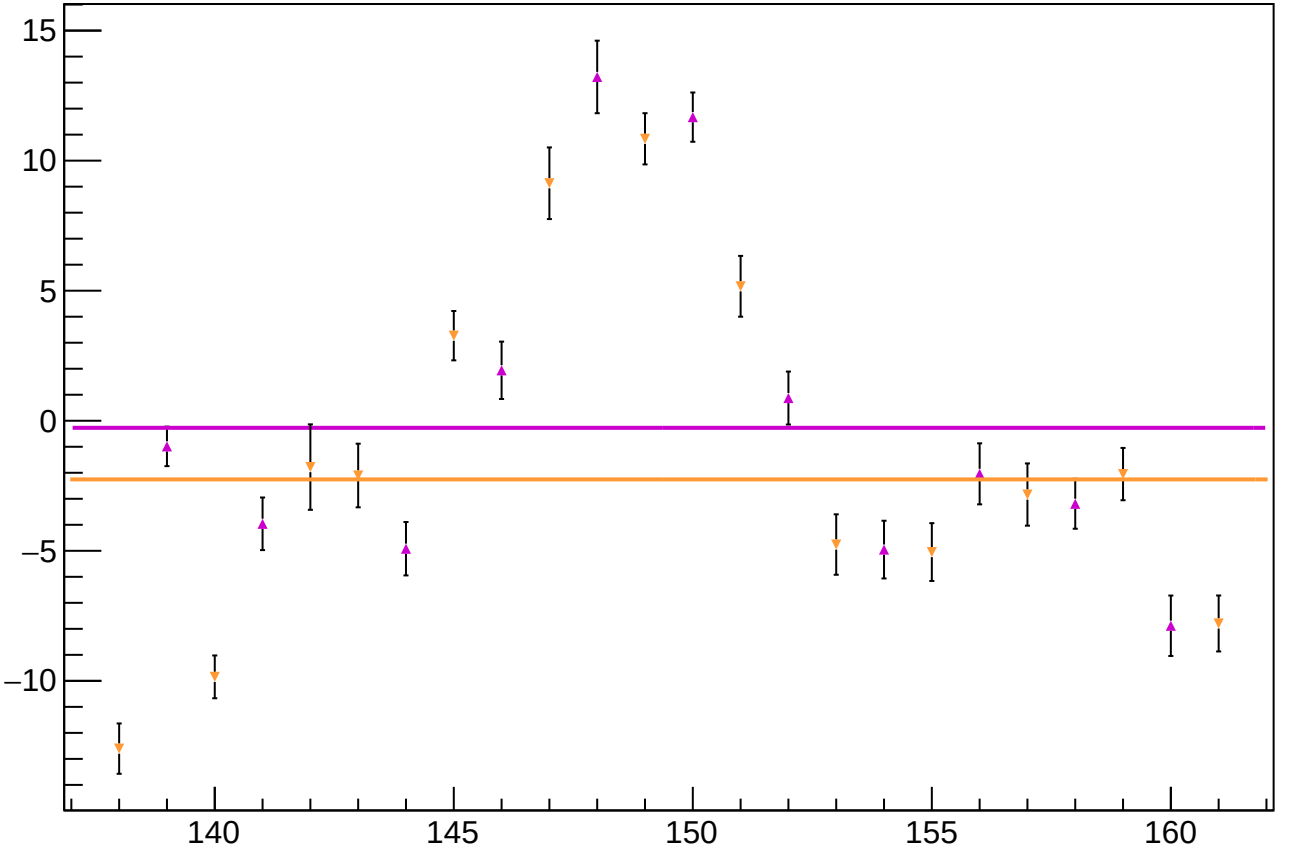
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.773+/-0.023 χ^2/NDF:1249.6/27

Out: -0.763+/-0.023 χ^2/NDF:1654.2/31

All: -0.768+/-0.016 χ^2/NDF: 2904.0/59

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -2.255+/-0.300 χ^2/NDF:557.0/12

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

Left In: -0.272+/-0.309 χ^2/NDF:364.8/10

Left: -1.293+/-0.215 χ^2/NDF: 943.0/23

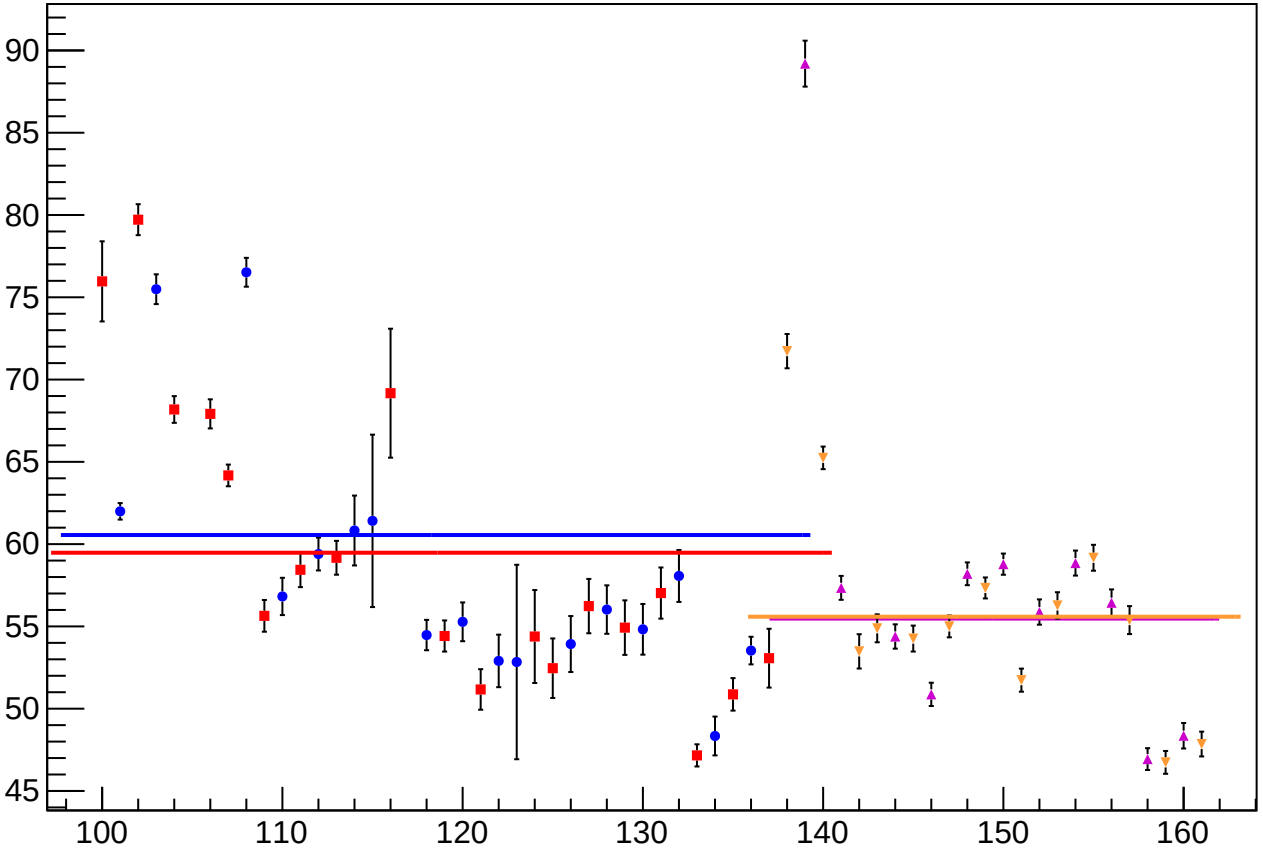
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.272+/-0.309 χ^2/NDF:364.8/10

Out: -2.255+/-0.300 χ^2/NDF:557.0/12

All: -1.293+/-0.215 χ^2/NDF: 943.0/23

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 55.589+/-0.213 χ^2/NDF:773.9/12

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 55.476+/-0.226 χ^2/NDF:948.0/10

Left: 55.536+/-0.155 χ^2/NDF: 1722.0/23

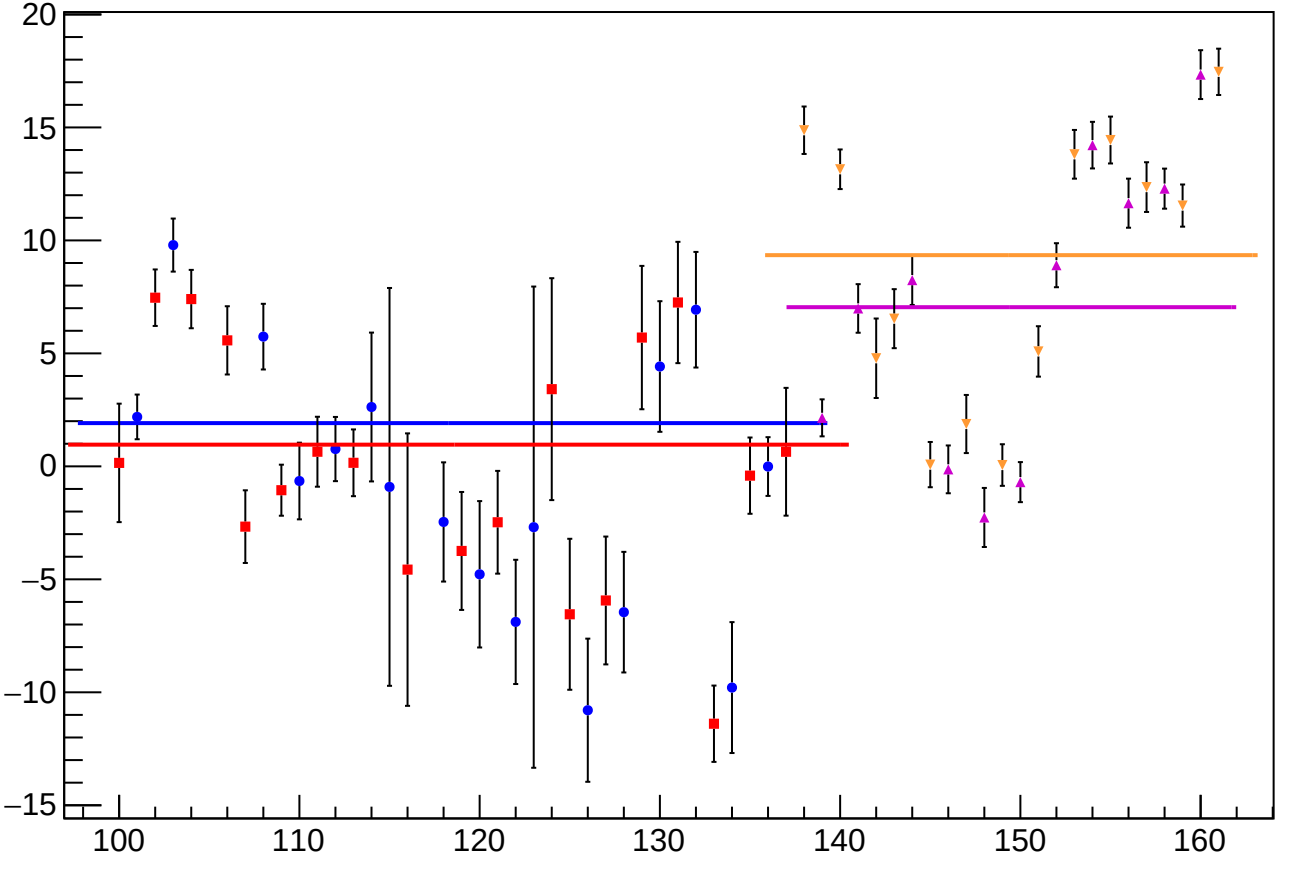
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 57.644+/-0.171 χ^2/NDF:2094.8/27

Out: 57.238+/-0.161 χ^2/NDF:2232.6/31

All: 57.429+/-0.117 χ^2/NDF: 4330.4/59

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 9.347+/-0.296 χ^2/NDF:410.6/12

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 7.045+/-0.303 χ^2/NDF:405.7/10

Left: 8.222+/-0.212 χ^2/NDF: 845.8/23

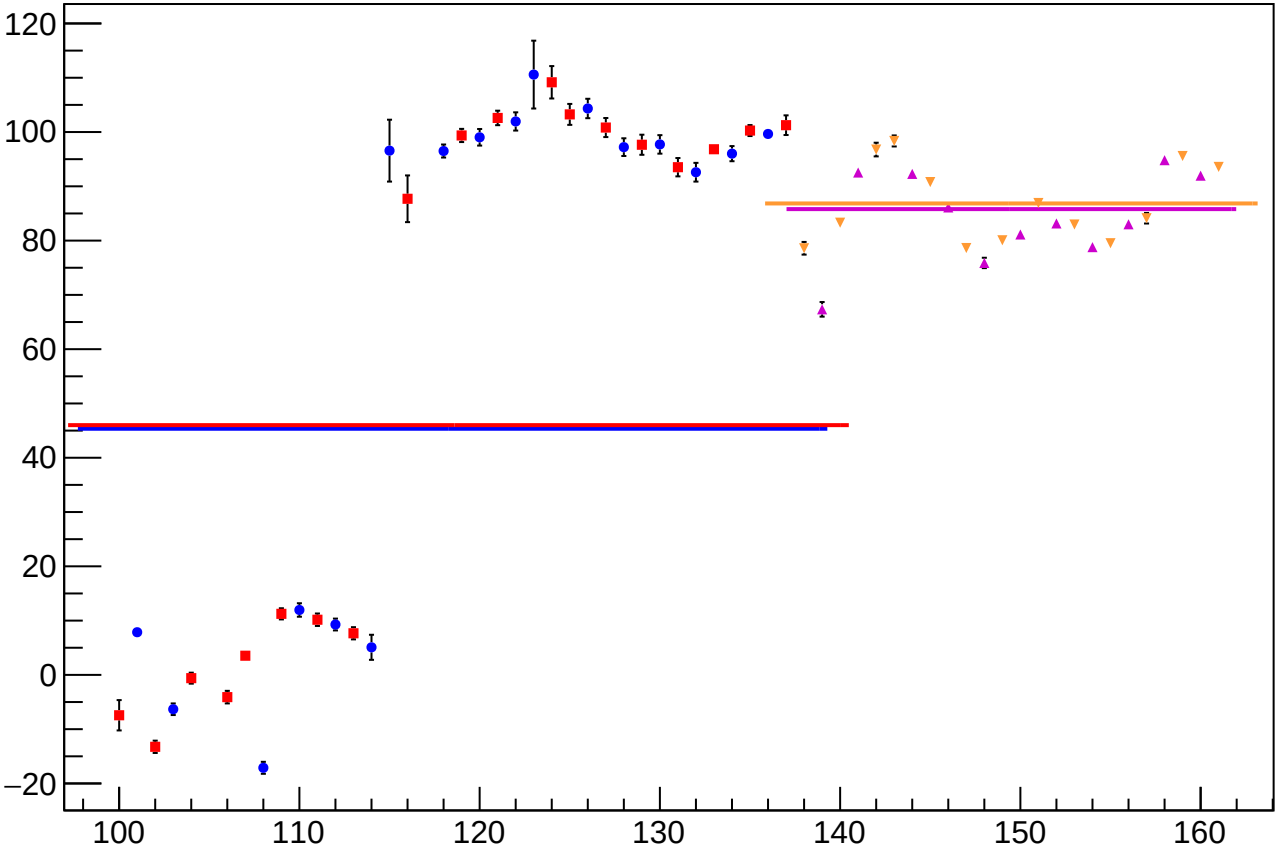
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 5.483+/-0.253 χ^2/NDF:614.7/27

Out: 6.602+/-0.243 χ^2/NDF:823.0/31

All: 6.064+/-0.175 χ^2/NDF: 1447.8/59

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 86.843+/-0.249 χ^2/NDF:743.5/12

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 85.801+/-0.262 χ^2/NDF:752.1/10

Left: 86.349+/-0.181 χ^2/NDF: 1504.0/23

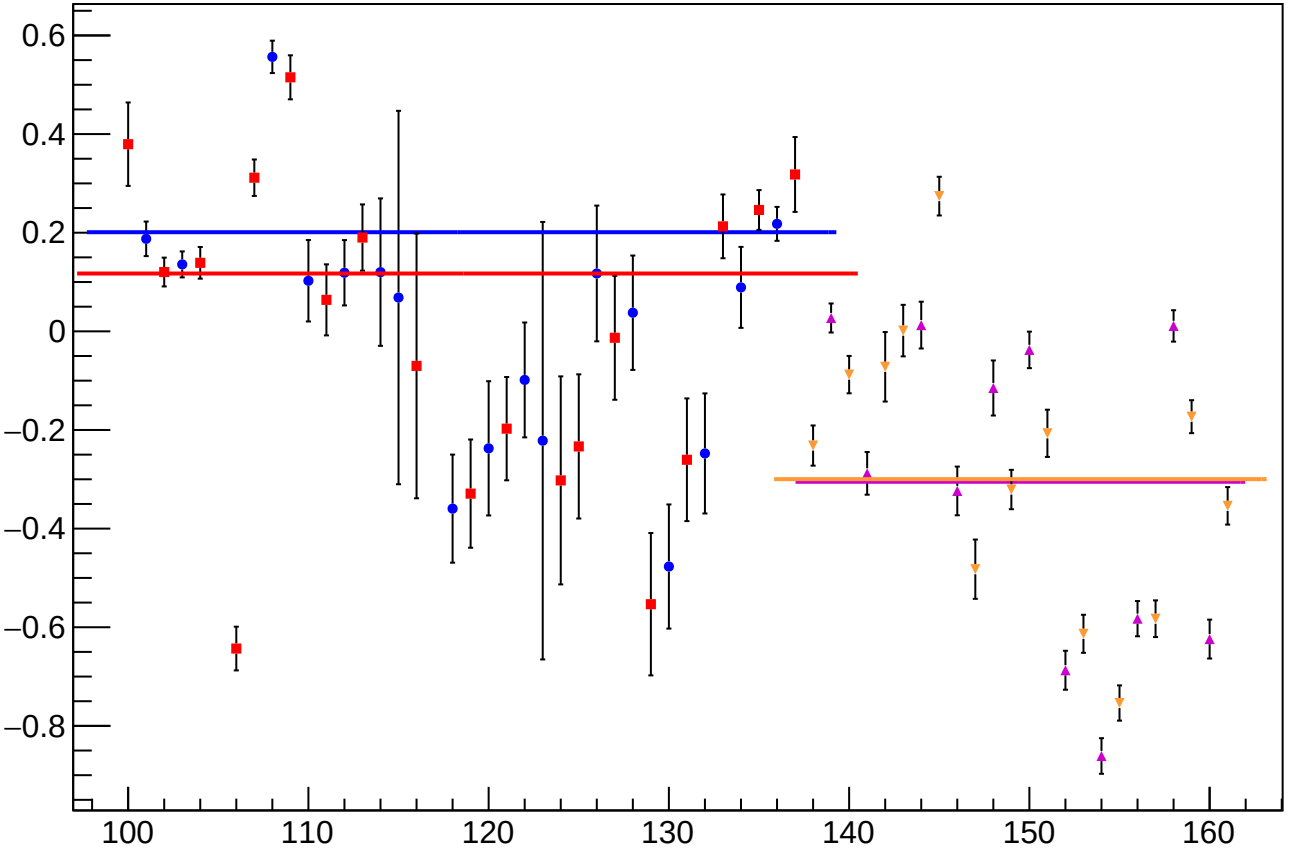
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 68.502+/-0.198 χ^2/NDF:36012.4/27

Out: 69.467+/-0.189 χ^2/NDF:40397.1/31

All: 69.008+/-0.137 χ^2/NDF: 76421.9/59

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.300+/-0.011 χ^2/NDF:606.7/12

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.305+/-0.012 χ^2/NDF:791.3/10

Left: -0.302+/-0.008 χ^2/NDF: 1398.1/23

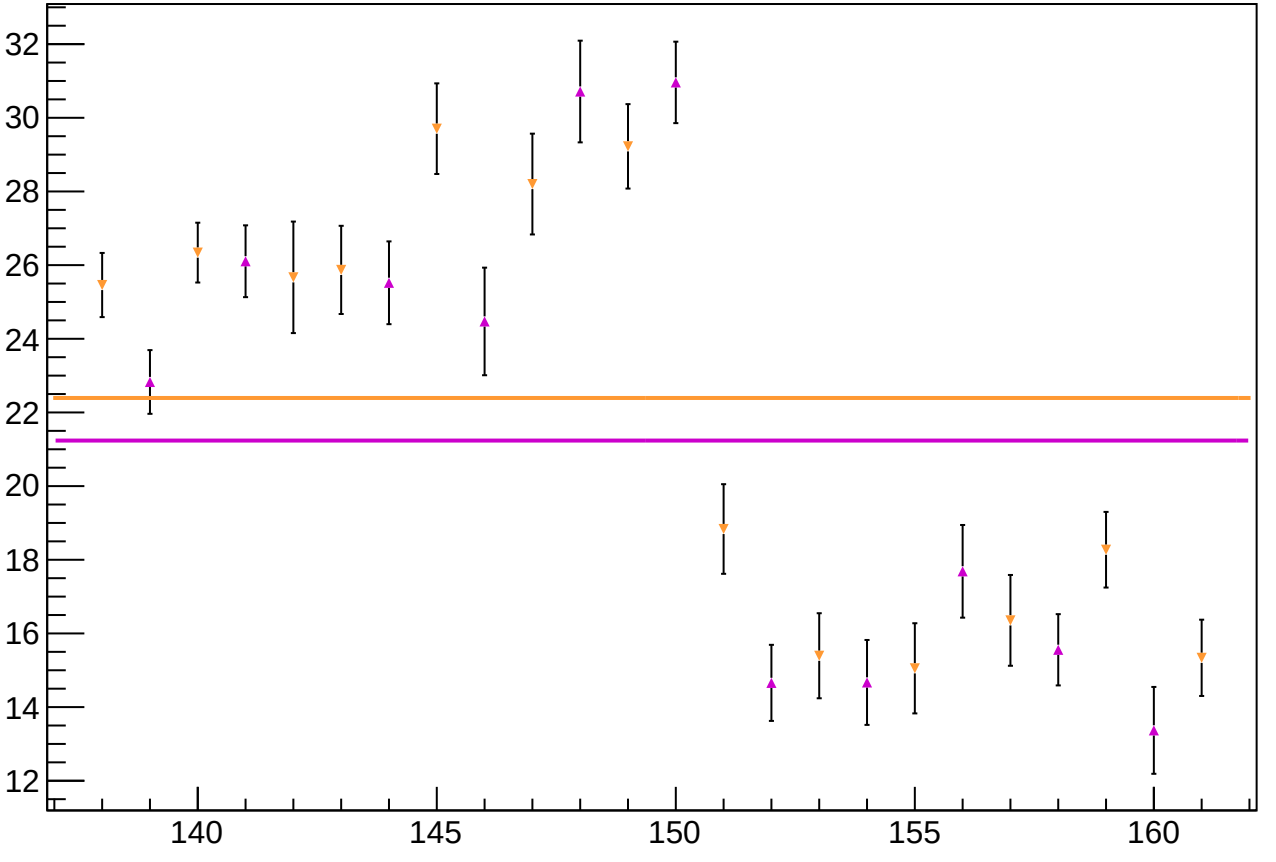
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.099+/-0.009 χ^2/NDF:1780.8/27

Out: -0.118+/-0.009 χ^2/NDF:1685.3/31

All: -0.109+/-0.006 χ^2/NDF: 3468.3/59

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 22.393+/-0.308 χ^2/NDF:305.7/12

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

Left In: 21.237+/-0.331 χ^2/NDF:332.2/10

Left: 21.858+/-0.226 χ^2/NDF: 644.4/23

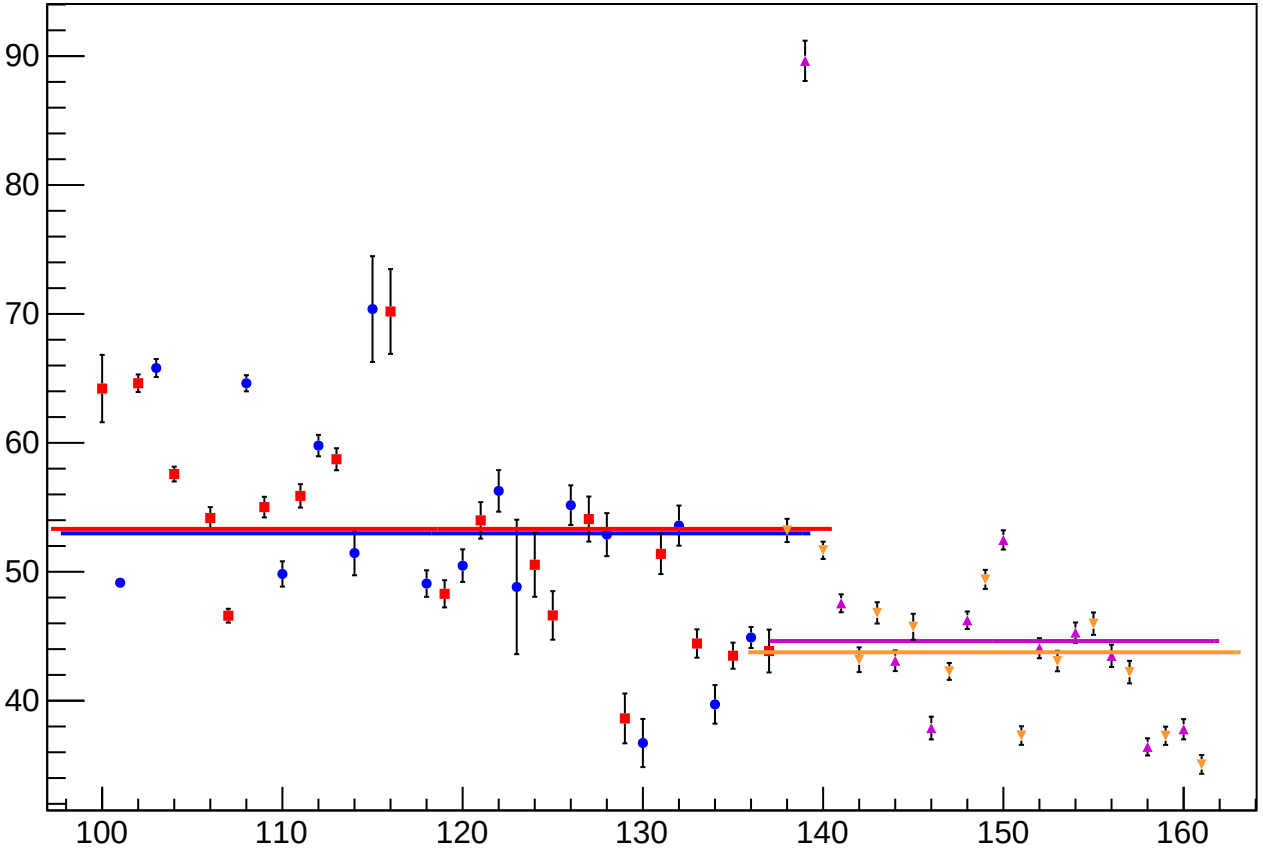
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 21.237+/-0.331 χ^2/NDF:332.2/10

Out: 22.393+/-0.308 χ^2/NDF:305.7/12

All: 21.858+/-0.226 χ^2/NDF: 644.4/23

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 43.755+/-0.217 χ^2/NDF:647.9/12

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 44.626+/-0.238 χ^2/NDF:1254.3/10

Left: 44.152+/-0.160 χ^2/NDF: 1909.5/23

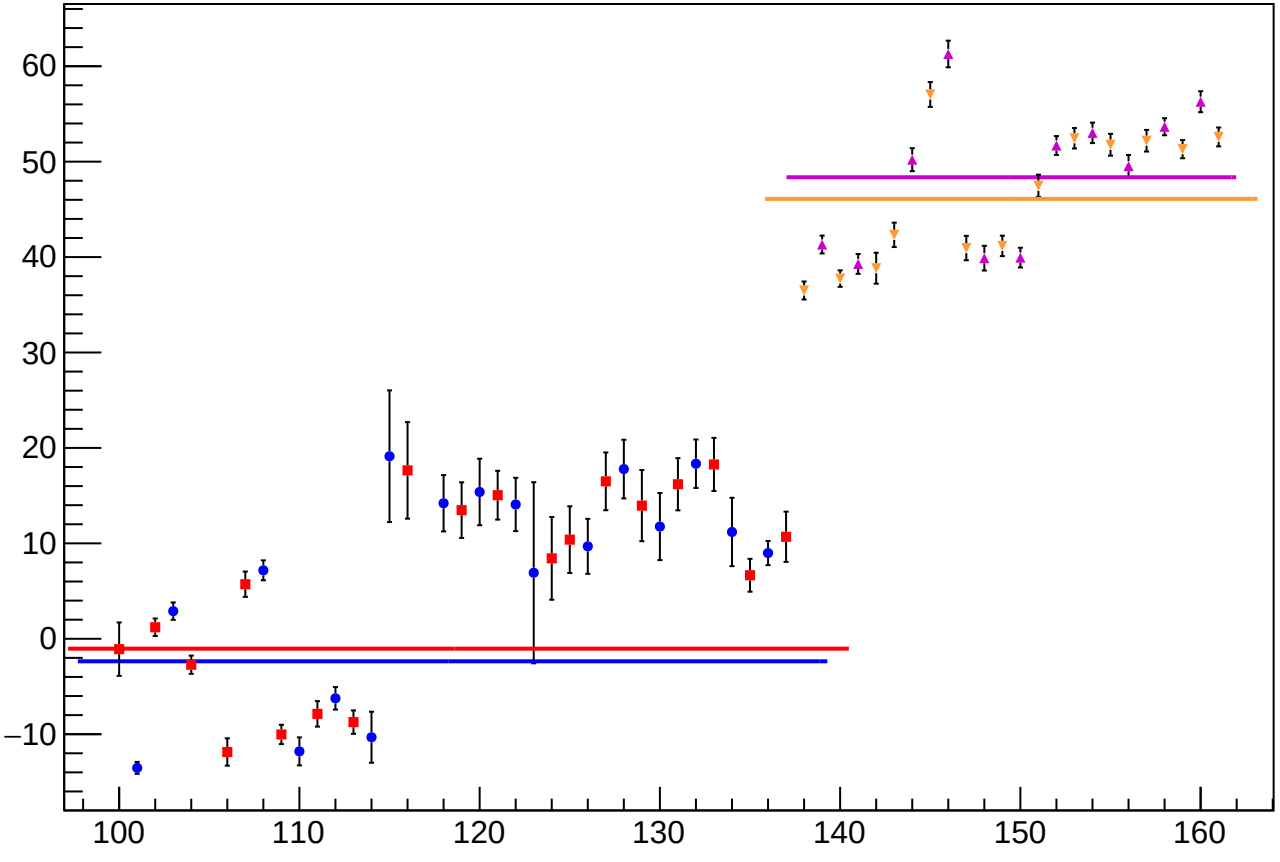
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 49.312+/-0.157 χ^2/NDF:3146.1/27

Out: 48.338+/-0.157 χ^2/NDF:2450.0/31

All: 48.824+/-0.111 χ^2/NDF: 5615.3/59

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 46.099+/-0.304 χ^2/NDF:496.0/12

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 48.365+/-0.324 χ^2/NDF:449.1/10

Left: 47.161+/-0.222 χ^2/NDF: 971.1/23

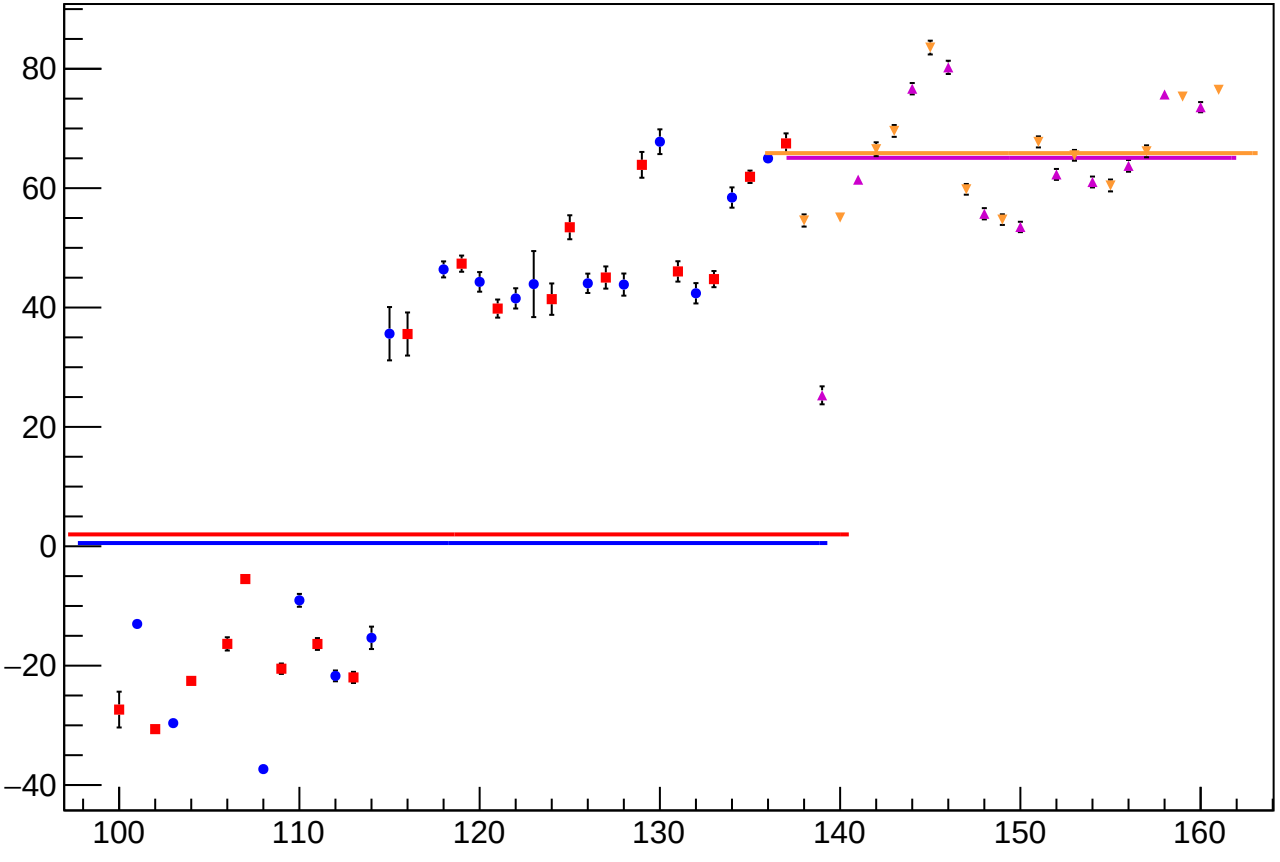
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 25.926+/-0.242 χ^2/NDF:12130.4/27

Out: 27.496+/-0.237 χ^2/NDF:10470.0/31

All: 26.728+/-0.169 χ^2/NDF: 22622.0/59

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 65.870+/-0.255 χ^2/NDF:1133.9/12

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 65.081+/-0.277 χ^2/NDF:1687.8/10

Left: 65.508+/-0.188 χ^2/NDF: 2826.1/23

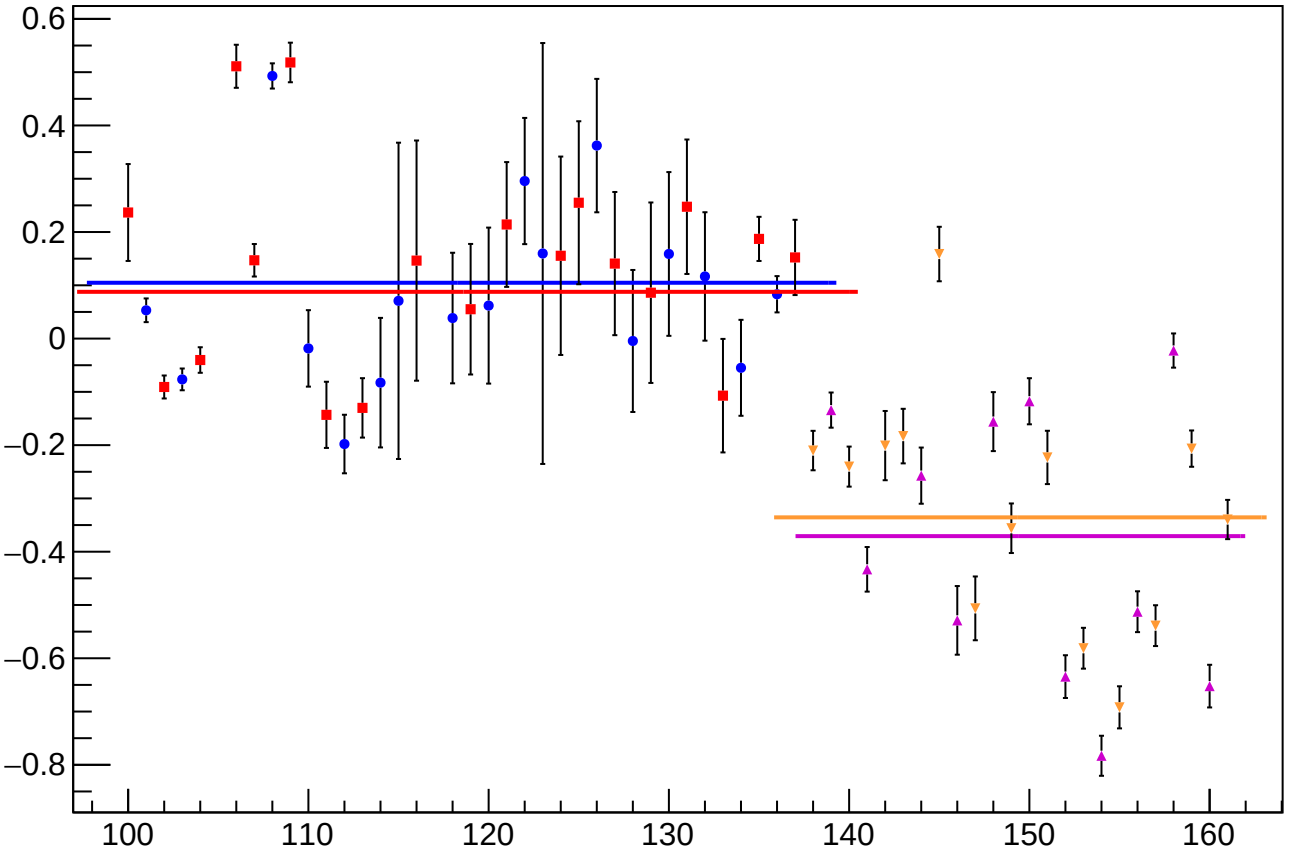
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 29.132+/-0.184 χ^2/NDF:50429.9/27

Out: 35.324+/-0.184 χ^2/NDF:46589.1/31

All: 32.225+/-0.130 χ^2/NDF: 97583.9/59

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.336+/-0.012 χ^2/NDF:302.9/12

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.371+/-0.012 χ^2/NDF:457.9/10

Left: -0.352+/-0.009 χ^2/NDF: 765.1/23

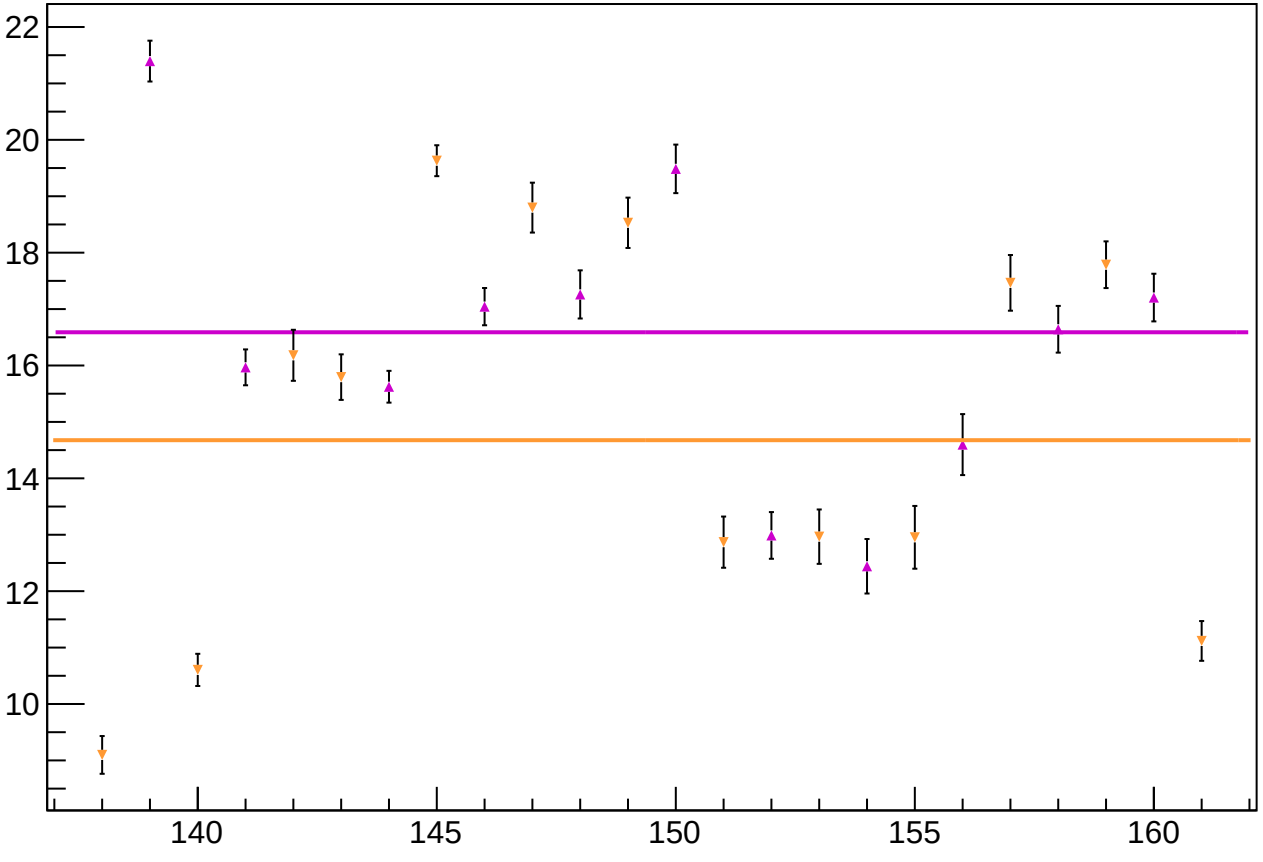
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.106+/-0.008 χ^2/NDF:1683.1/27

Out: -0.109+/-0.008 χ^2/NDF:1382.2/31

All: -0.108+/-0.006 χ^2/NDF: 3065.4/59

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.676+/-0.108 χ^2/NDF:1216.9/12

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

Left In: 16.589+/-0.115 χ^2/NDF:406.6/10

Left: 15.568+/-0.079 χ^2/NDF: 1770.4/23

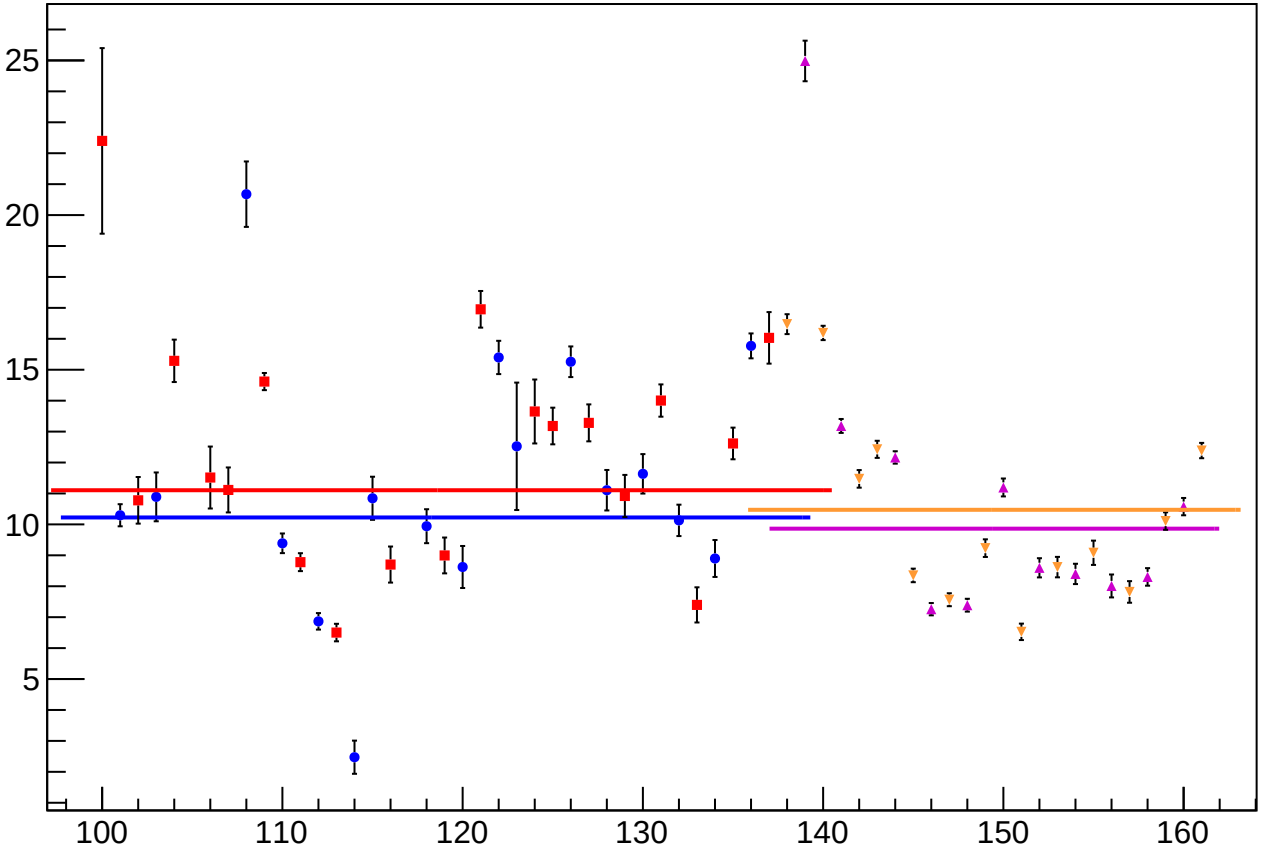
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.589+/-0.115 χ^2/NDF:406.6/10

Out: 14.676+/-0.108 χ^2/NDF:1216.9/12

All: 15.568+/-0.079 χ^2/NDF: 1770.4/23

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.472+/-0.075 χ^2/NDF:1709.9/12

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 9.862+/-0.079 χ^2/NDF:1312.9/10

Left: 10.182+/-0.055 χ^2/NDF: 3053.9/23

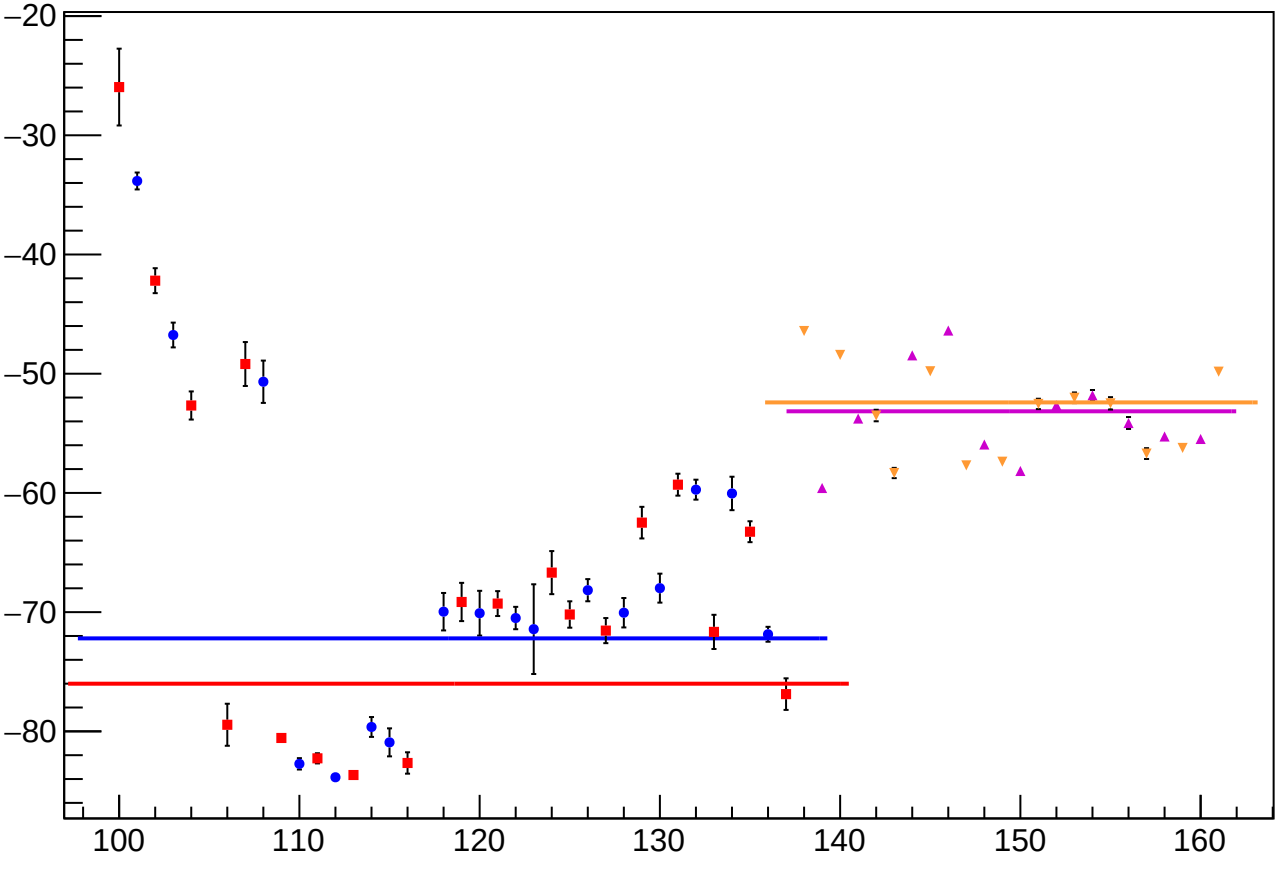
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 9.973+/-0.066 χ^2/NDF:2196.9/27

Out: 10.658+/-0.063 χ^2/NDF:2547.9/31

All: 10.330+/-0.046 χ^2/NDF: 4801.1/59

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -52.407+/-0.108 χ^2/NDF:1271.8/12

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -53.153+/-0.114 χ^2/NDF:1255.4/10

Left: -52.761+/-0.078 χ^2/NDF: 2549.8/23

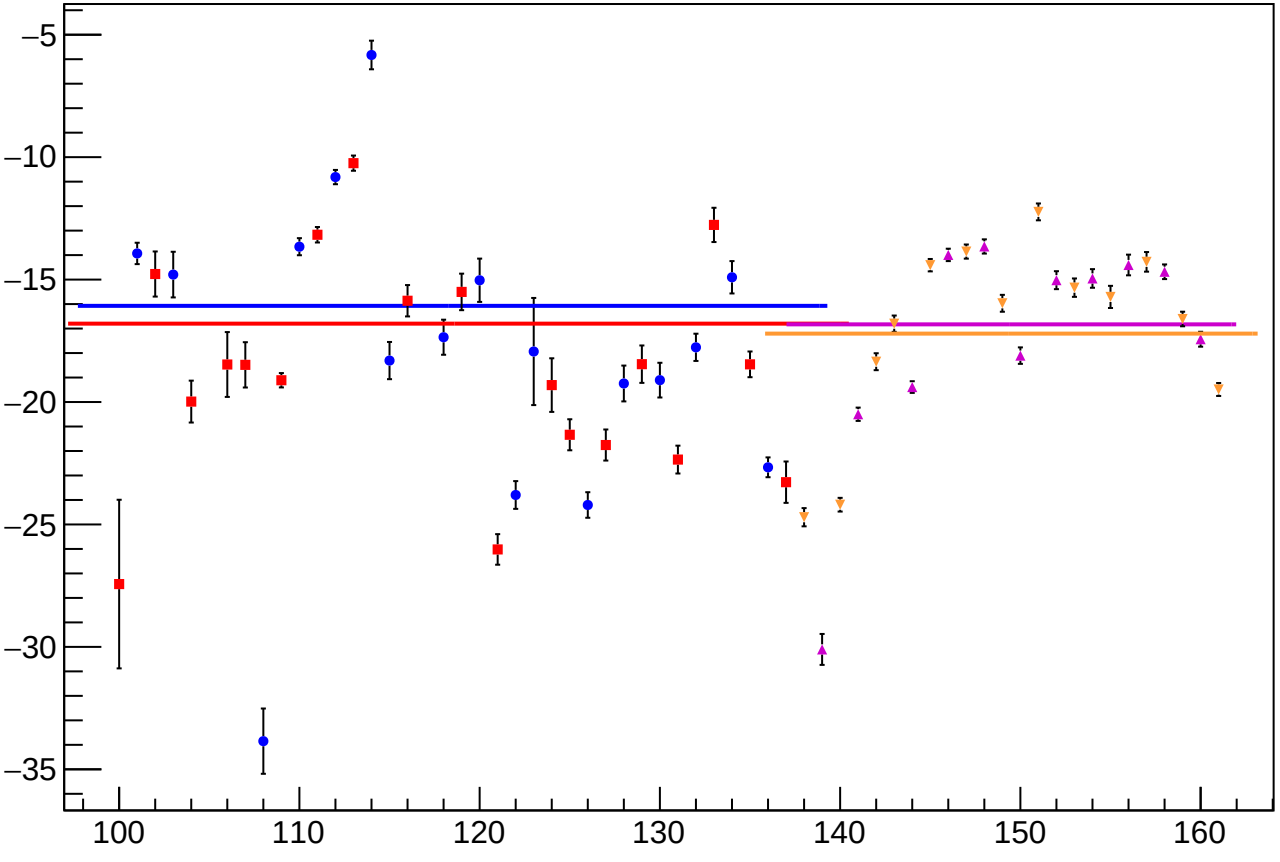
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -57.891+/-0.099 χ^2/NDF:13796.8/27

Out: -58.602+/-0.093 χ^2/NDF:17279.5/31

All: -58.268+/-0.068 χ^2/NDF: 31103.9/59

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.206+/-0.089 χ^2/NDF:1686.1/12

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -16.828+/-0.095 χ^2/NDF:1136.4/10

Left: -17.028+/-0.065 χ^2/NDF: 2830.9/23

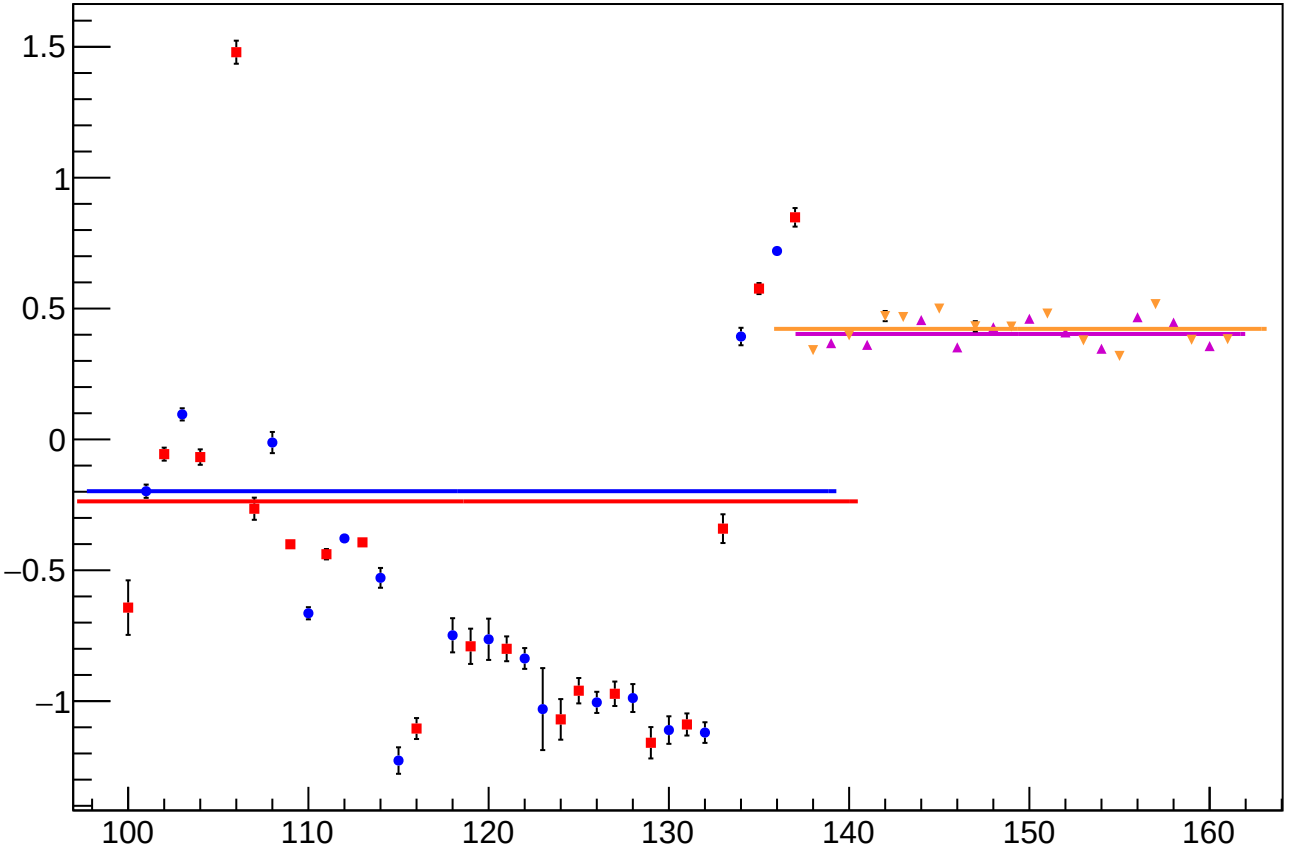
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -16.572+/-0.077 χ^2/NDF:2799.0/27

Out: -17.073+/-0.073 χ^2/NDF:2908.6/31

All: -16.835+/-0.053 χ^2/NDF: 5729.8/59

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.422+/-0.004 χ^2/NDF:201.8/12

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.403+/-0.004 χ^2/NDF:106.9/10

Left: 0.413+/-0.003 χ^2/NDF: 318.7/23

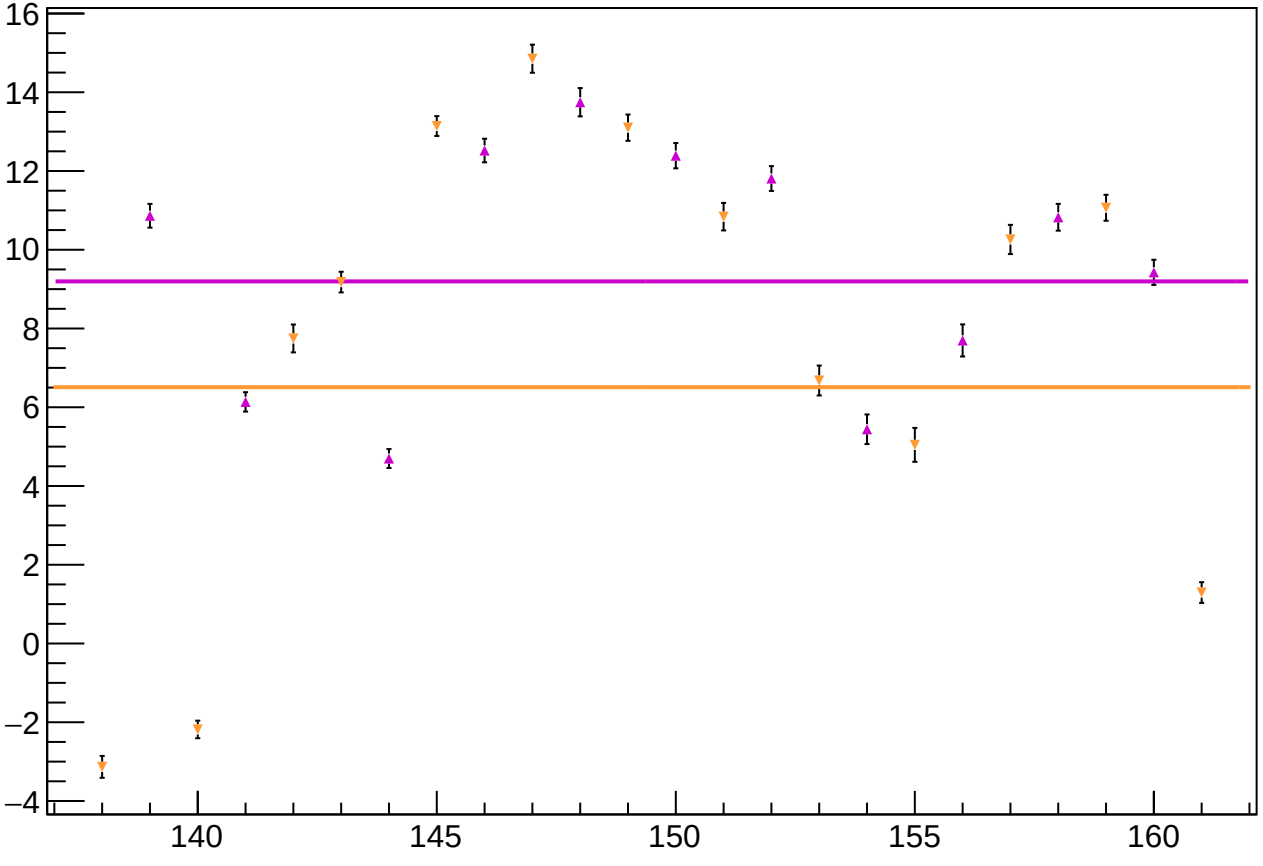
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.246+/-0.004 χ^2/NDF:11135.7/27

Out: 0.251+/-0.004 χ^2/NDF:12679.2/31

All: 0.249+/-0.003 χ^2/NDF: 23816.0/59

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 6.510+/-0.085 χ^2/NDF:5326.9/12

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

Left In: 9.196+/-0.093 χ^2/NDF:1121.9/10

Left: 7.723+/-0.063 χ^2/NDF: 6903.7/23

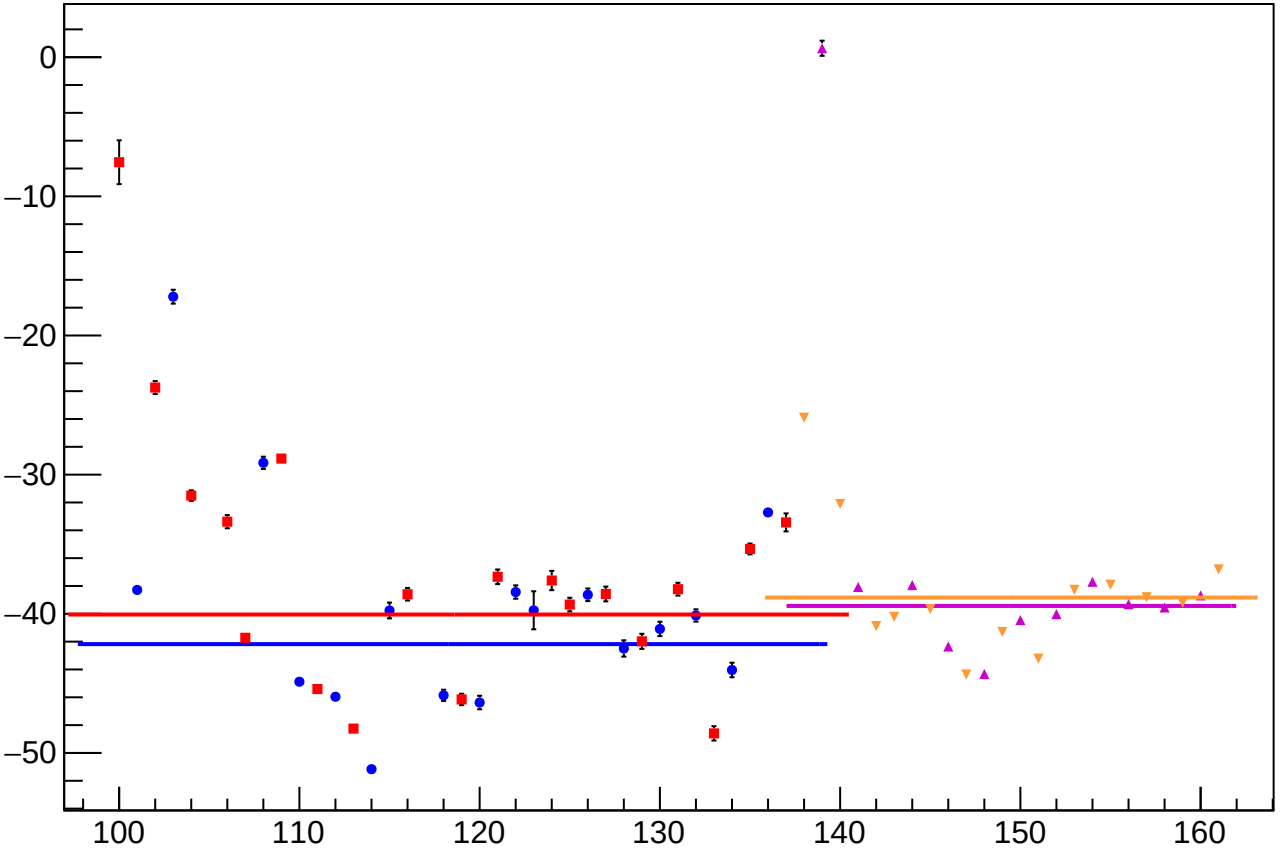
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.196+/-0.093 χ^2/NDF:1121.9/10

Out: 6.510+/-0.085 χ^2/NDF:5326.9/12

All: 7.723+/-0.063 χ^2/NDF: 6903.7/23

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -38.832+/-0.059 χ^2/NDF:5629.9/12

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -39.435+/-0.065 χ^2/NDF:6657.5/10

Left: -39.105+/-0.044 χ^2/NDF: 12334.9/23

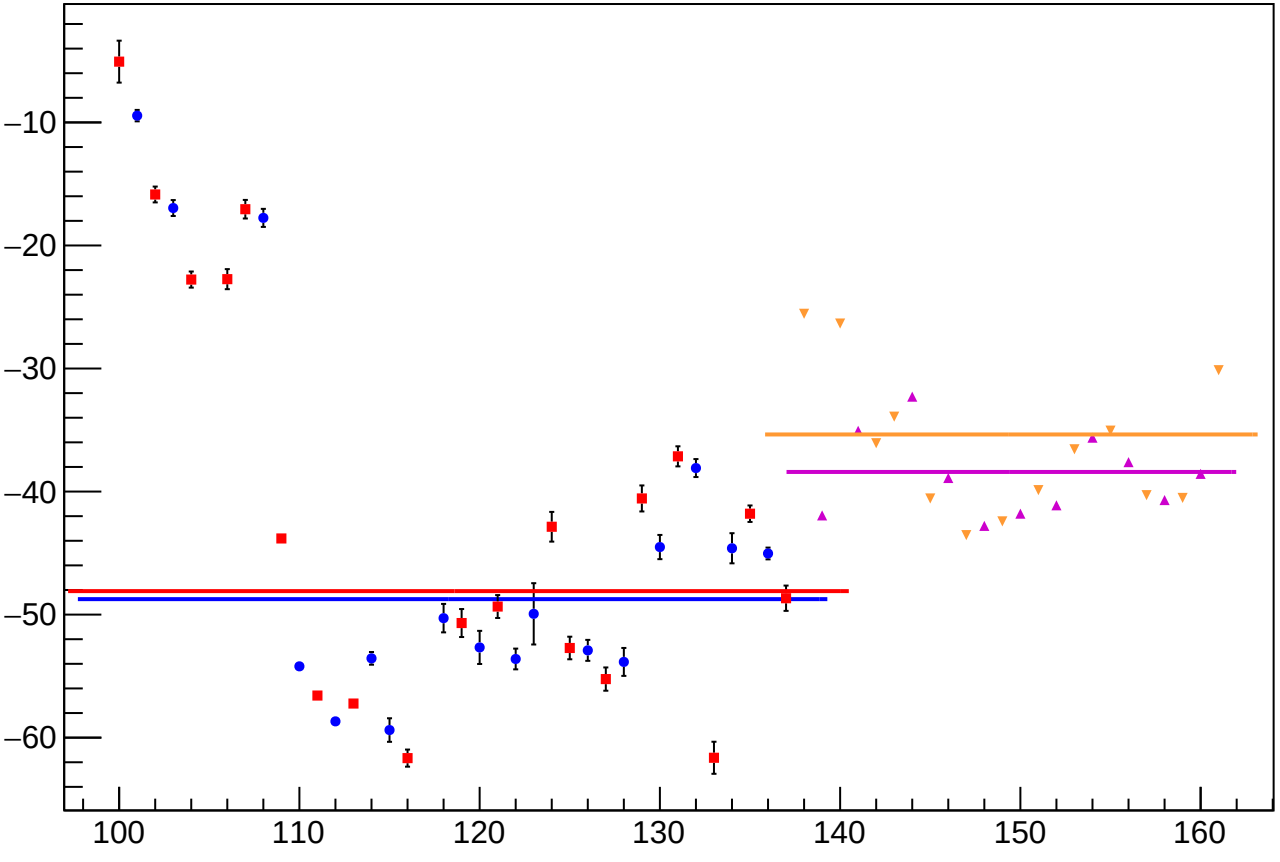
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -40.557+/-0.050 χ^2/NDF:13966.8/27

Out: -39.315+/-0.046 χ^2/NDF:17113.2/31

All: -39.885+/-0.034 χ^2/NDF: 31417.6/59

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -35.359+/-0.085 χ^2/NDF:5148.9/12

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -38.406+/-0.092 χ^2/NDF:1346.5/10

Left: -36.757+/-0.062 χ^2/NDF: 7091.3/23

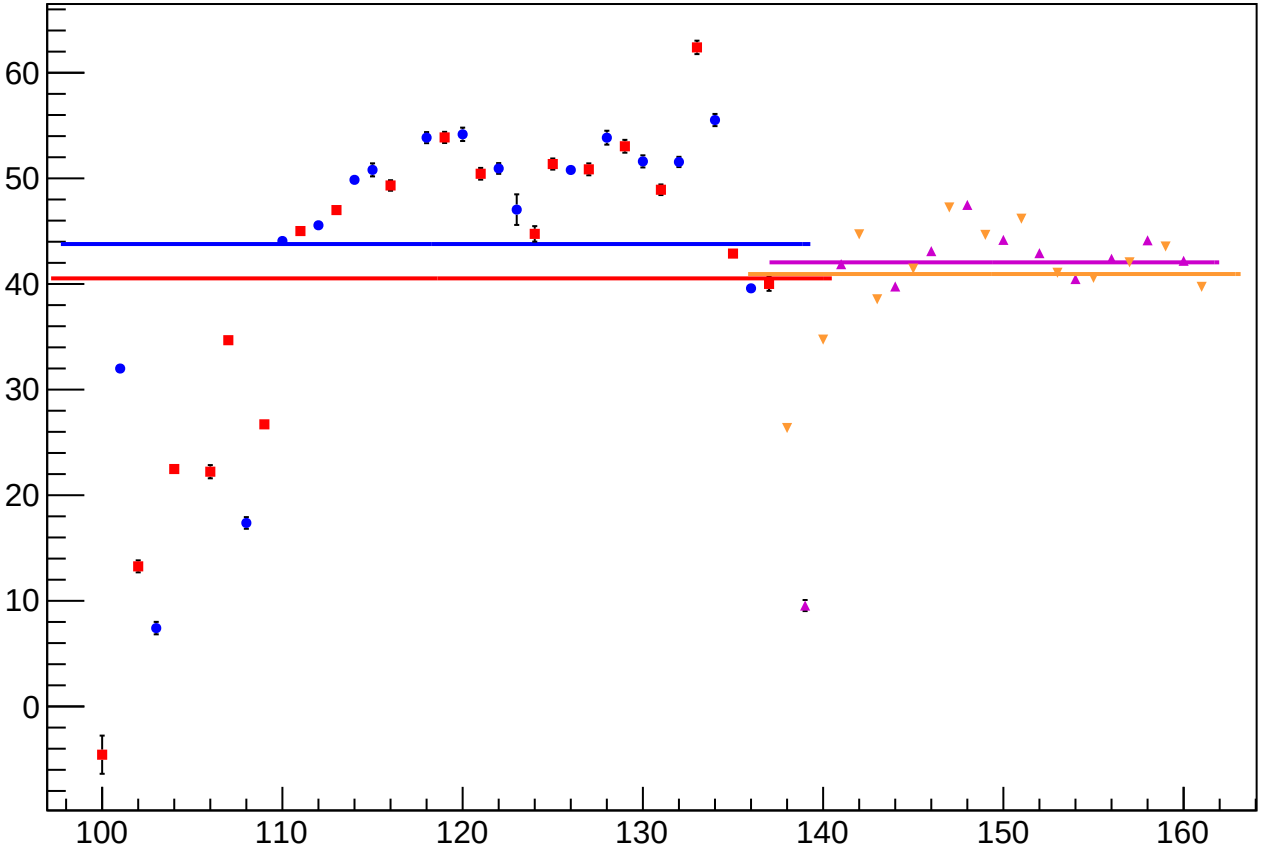
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -42.050+/-0.074 χ^2/NDF:20473.6/27

Out: -40.240+/-0.066 χ^2/NDF:25575.5/31

All: -41.048+/-0.049 χ^2/NDF: 46381.4/59

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.943+/-0.070 χ^2/NDF:4823.1/12

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 42.048+/-0.077 χ^2/NDF:4665.4/10

Left: 41.445+/-0.052 χ^2/NDF: 9602.3/23

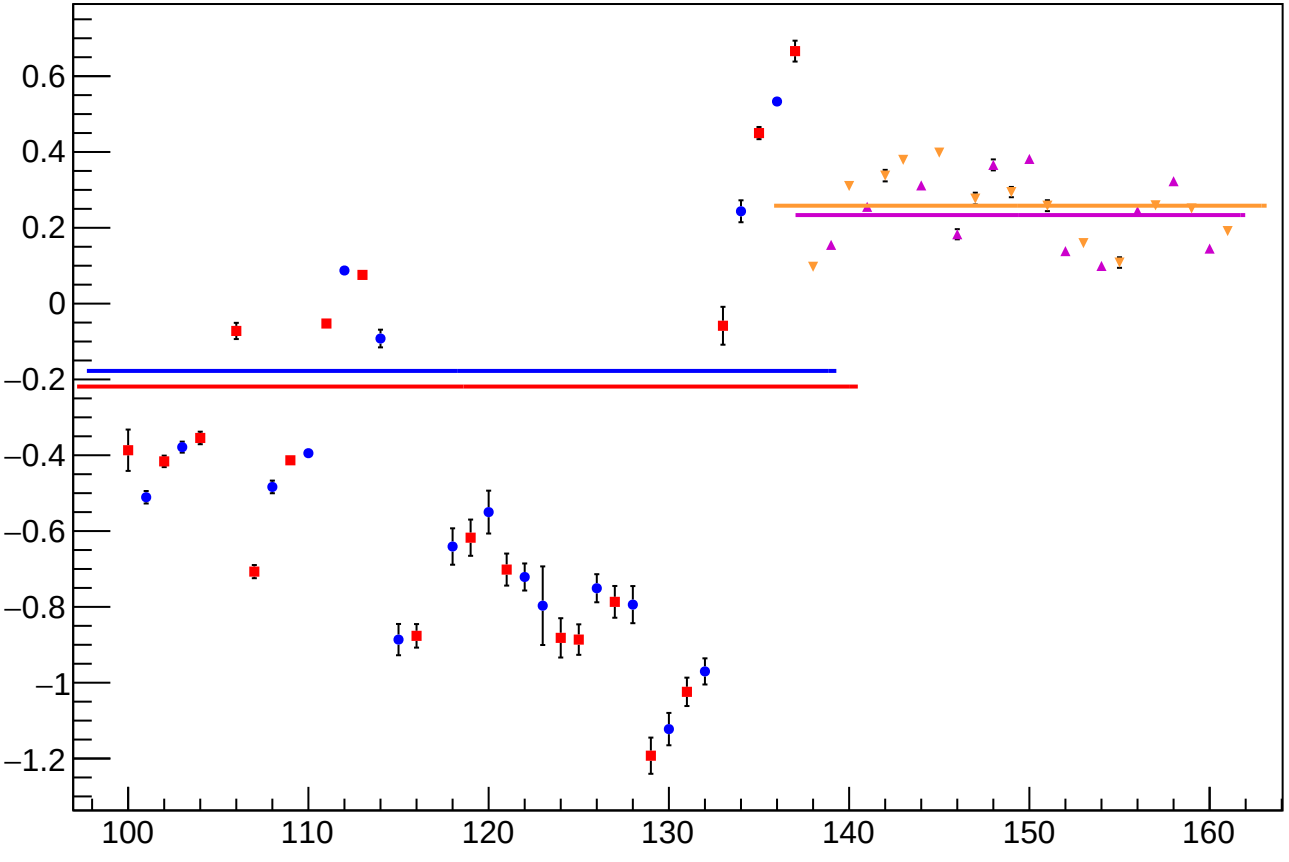
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 42.809+/-0.057 χ^2/NDF:15529.0/27

Out: 40.765+/-0.053 χ^2/NDF:22418.9/31

All: 41.699+/-0.039 χ^2/NDF: 38636.7/59

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.258+/-0.003 χ^2/NDF:764.1/12

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.234+/-0.004 χ^2/NDF:644.9/10

Left: 0.247+/-0.002 χ^2/NDF: 1434.5/23

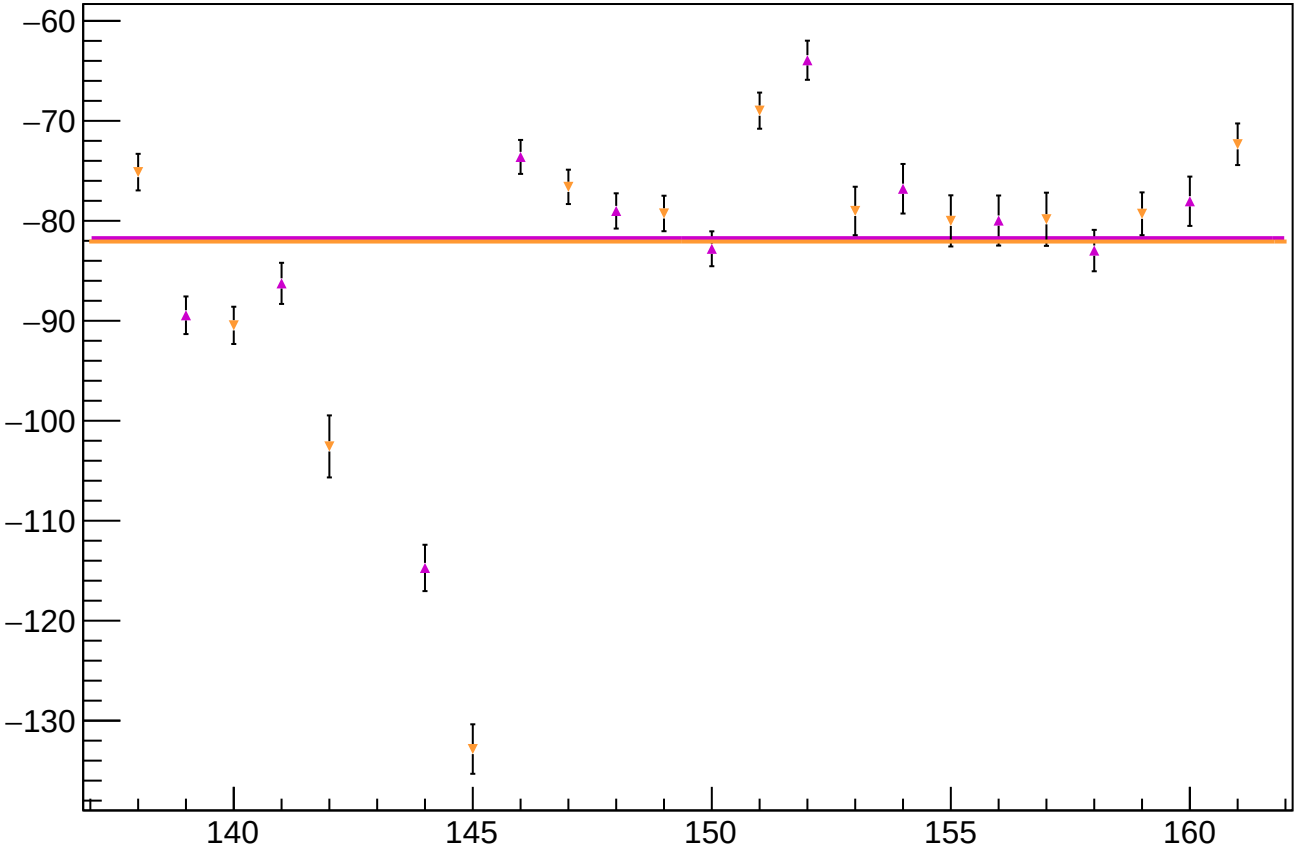
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.087+/-0.003 χ^2/NDF:12672.2/27

Out: 0.080+/-0.003 χ^2/NDF:15942.1/31

All: 0.083+/-0.002 χ^2/NDF: 28617.5/59

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -82.073+/-0.605 χ^2/NDF:590.3/11

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

Left In: -81.734+/-0.611 χ^2/NDF:339.6/10

Left: -81.905+/-0.430 χ^2/NDF: 930.1/22

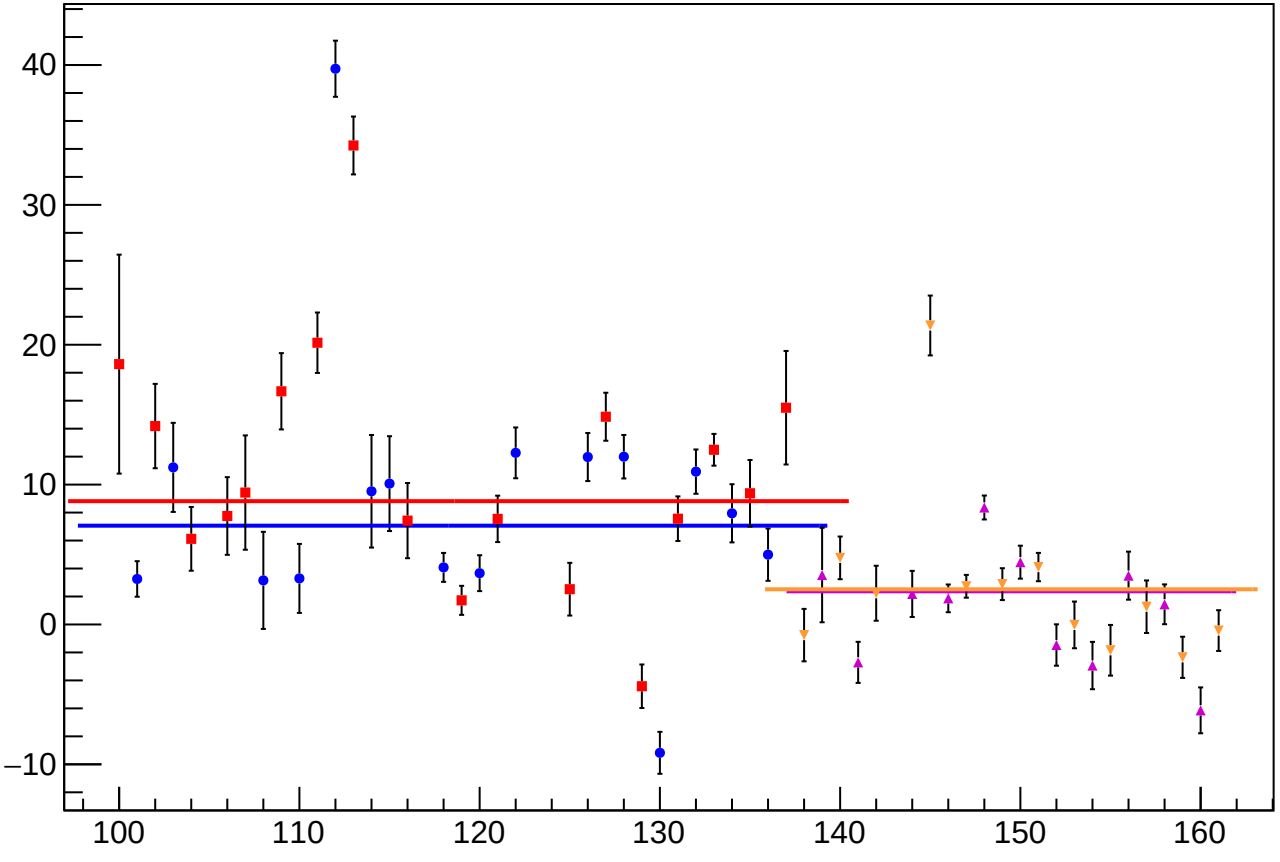
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -81.734+/-0.611 χ^2/NDF:339.6/10

Out: -82.073+/-0.605 χ^2/NDF:590.3/11

All: -81.905+/-0.430 χ^2/NDF: 930.1/22

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.515+/-0.398 χ^2/NDF:109.2/11

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 2.369+/-0.407 χ^2/NDF:108.8/10

Left: 2.444+/-0.285 χ^2/NDF: 218.0/22

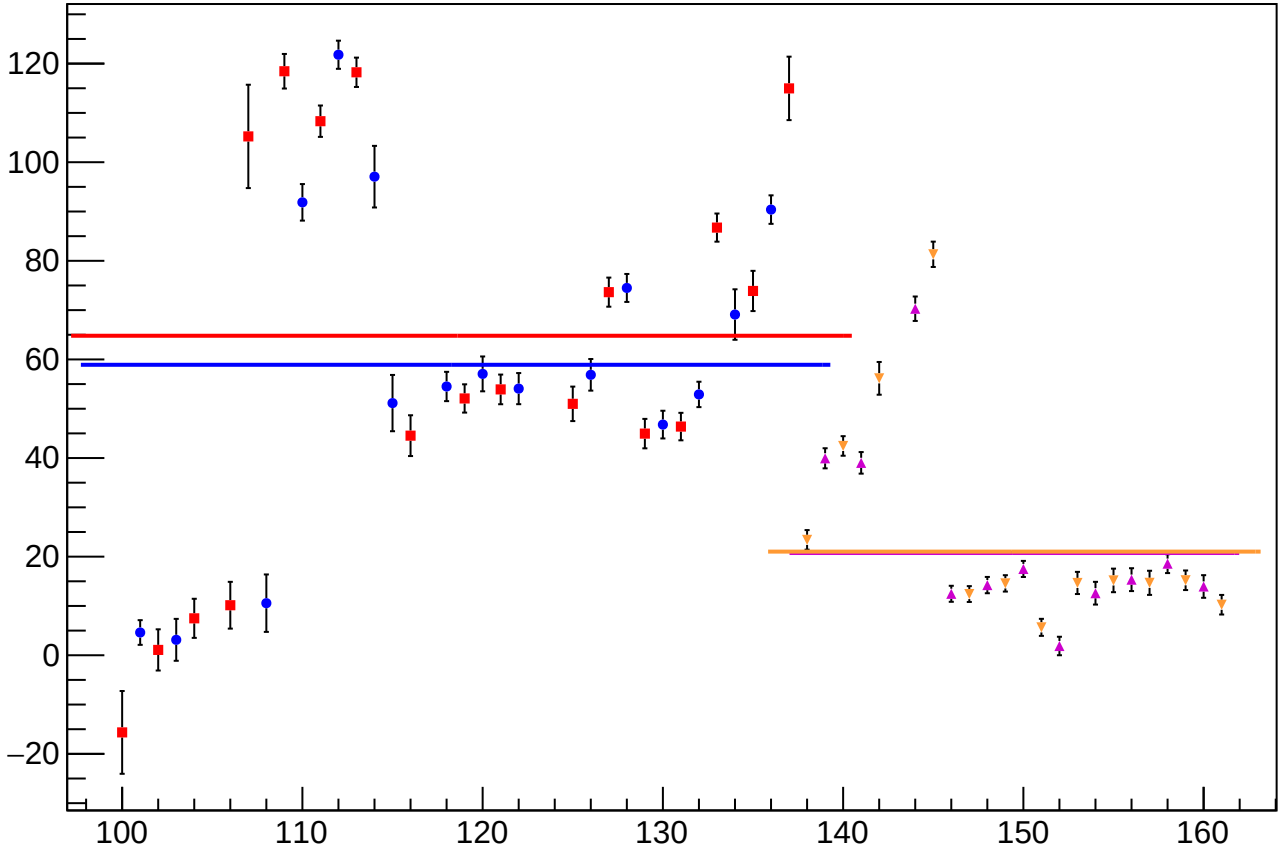
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 4.569+/-0.297 χ^2/NDF:618.0/26

Out: 5.286+/-0.298 χ^2/NDF:569.9/29

All: 4.926+/-0.210 χ^2/NDF: 1190.7/56

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 21.022+/-0.589 χ^2/NDF:962.6/11

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 20.738+/-0.592 χ^2/NDF:732.8/10

Left: 20.881+/-0.417 χ^2/NDF: 1695.5/22

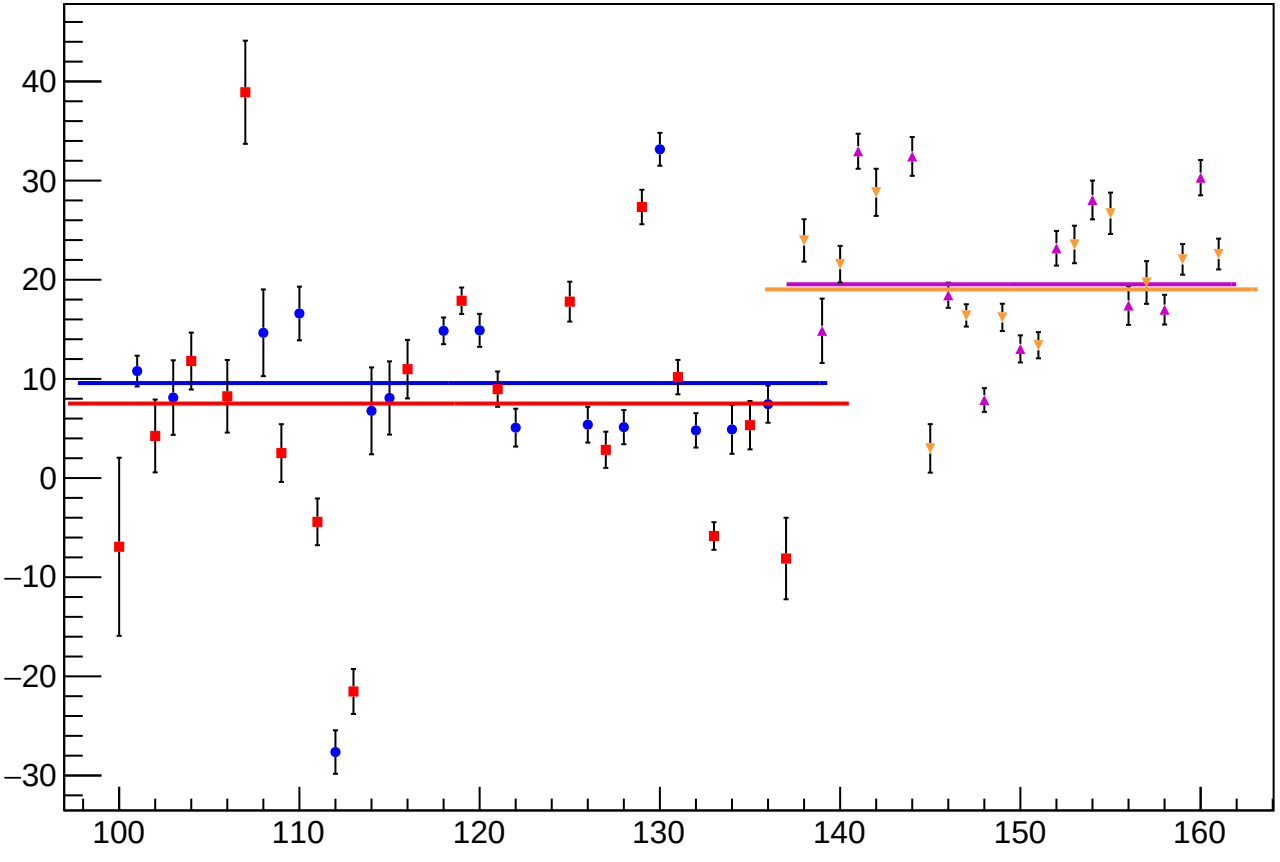
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 33.578+/-0.482 χ^2/NDF:3628.7/26

Out: 35.443+/-0.482 χ^2/NDF:4501.4/29

All: 34.511+/-0.341 χ^2/NDF: 8137.5/56

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 19.028+/-0.482 χ^2/NDF:123.5/11

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 19.544+/-0.491 χ^2/NDF:285.8/10

Left: 19.281+/-0.344 χ^2/NDF: 409.9/22

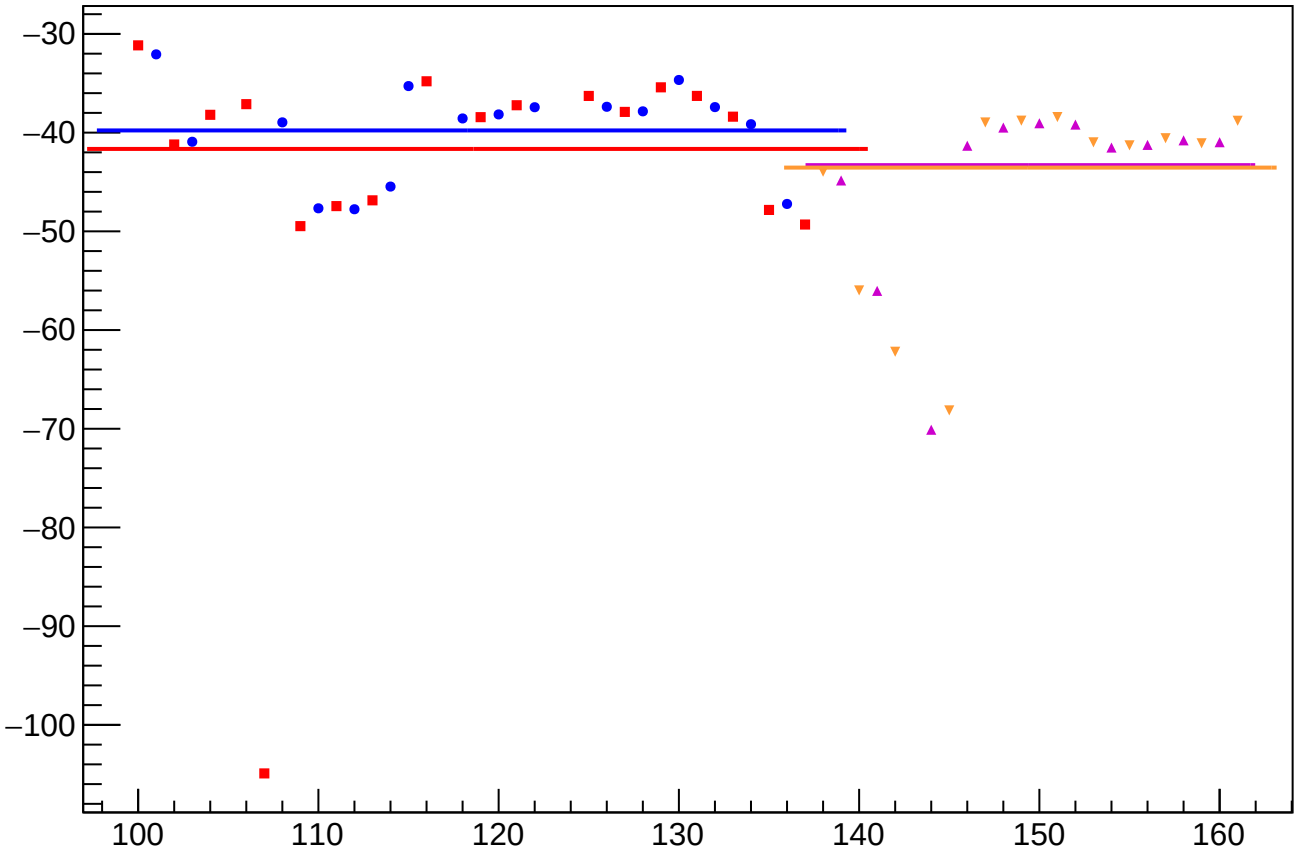
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 14.661+/-0.351 χ^2/NDF:1041.6/26

Out: 13.664+/-0.352 χ^2/NDF:959.5/29

All: 14.164+/-0.249 χ^2/NDF: 2005.1/56

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -43.542+/-0.023 χ^2/NDF:119796.8/11

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -43.294+/-0.023 χ^2/NDF:95564.9/10

Left: -43.417+/-0.017 χ^2/NDF: 215418.5/22

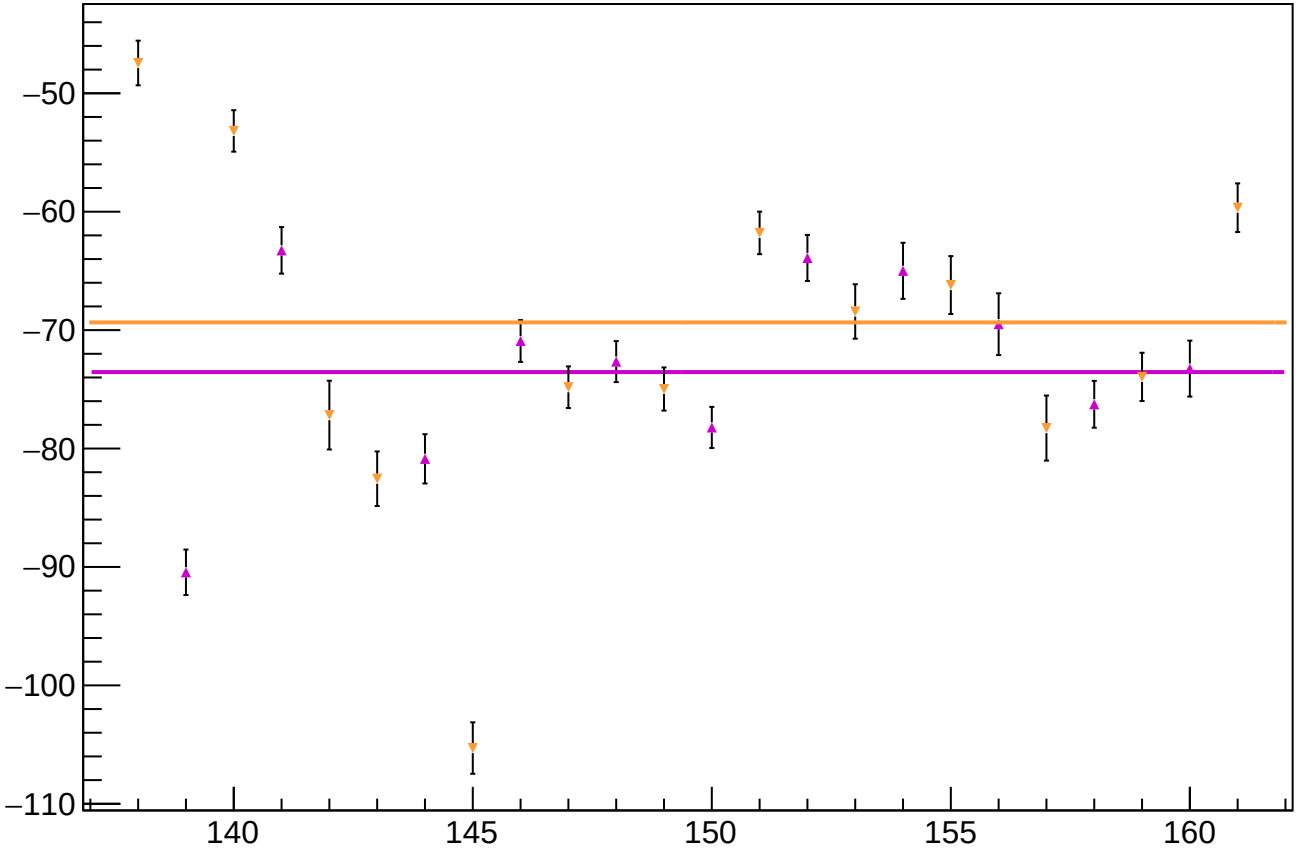
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -42.030+/-0.019 χ^2/NDF:129932.5/26

Out: -42.861+/-0.019 χ^2/NDF:216607.4/29

All: -42.443+/-0.013 χ^2/NDF: 347530.6/56

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.350+/-0.575 χ^2/NDF:610.4/12

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

Left In: -73.543+/-0.600 χ^2/NDF:169.0/10

Left: -71.355+/-0.415 χ^2/NDF: 804.8/23

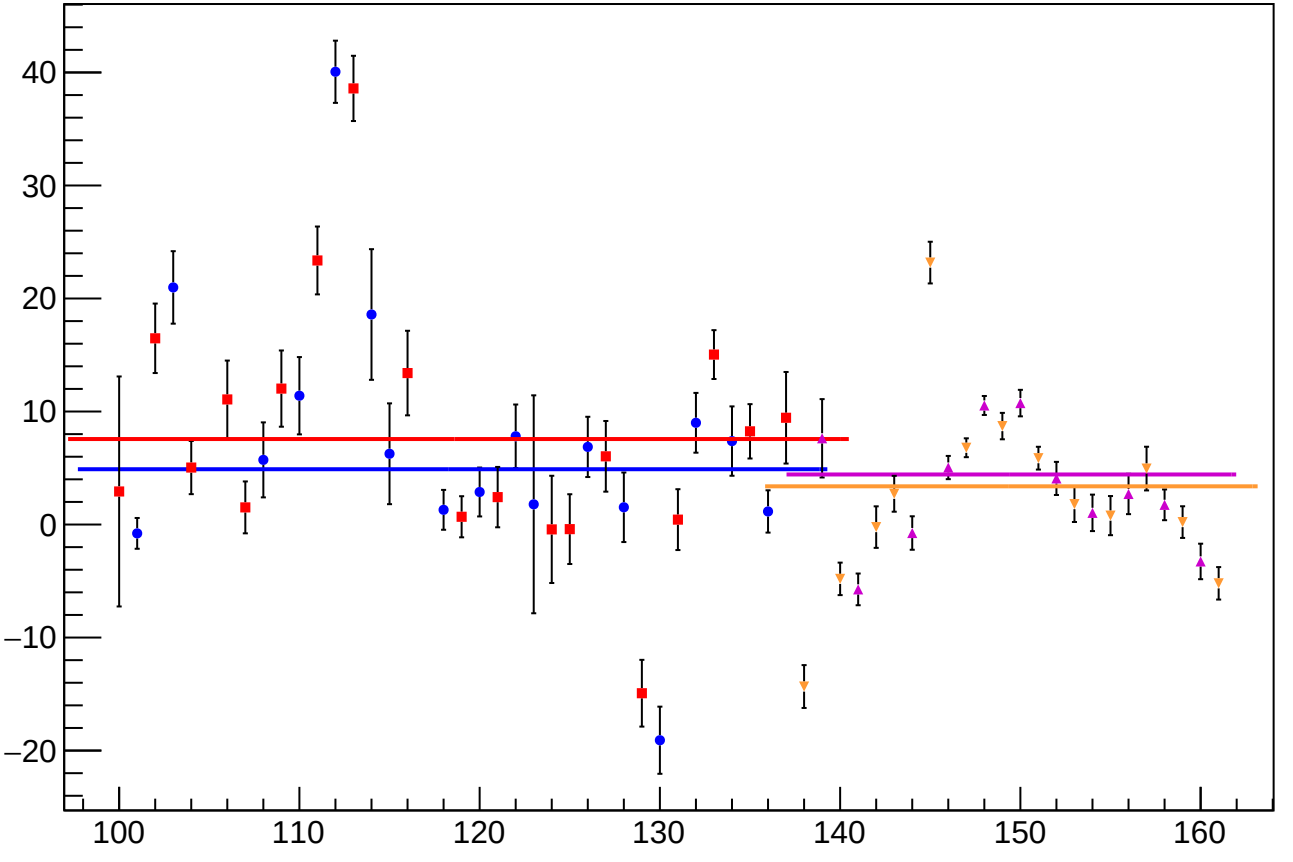
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -73.543+/-0.600 χ^2/NDF:169.0/10

Out: -69.350+/-0.575 χ^2/NDF:610.4/12

All: -71.355+/-0.415 χ^2/NDF: 804.8/23

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 3.381+/-0.381 χ^2/NDF:327.3/12

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 4.430+/-0.400 χ^2/NDF:181.2/10

Left: 3.880+/-0.276 χ^2/NDF: 512.0/23

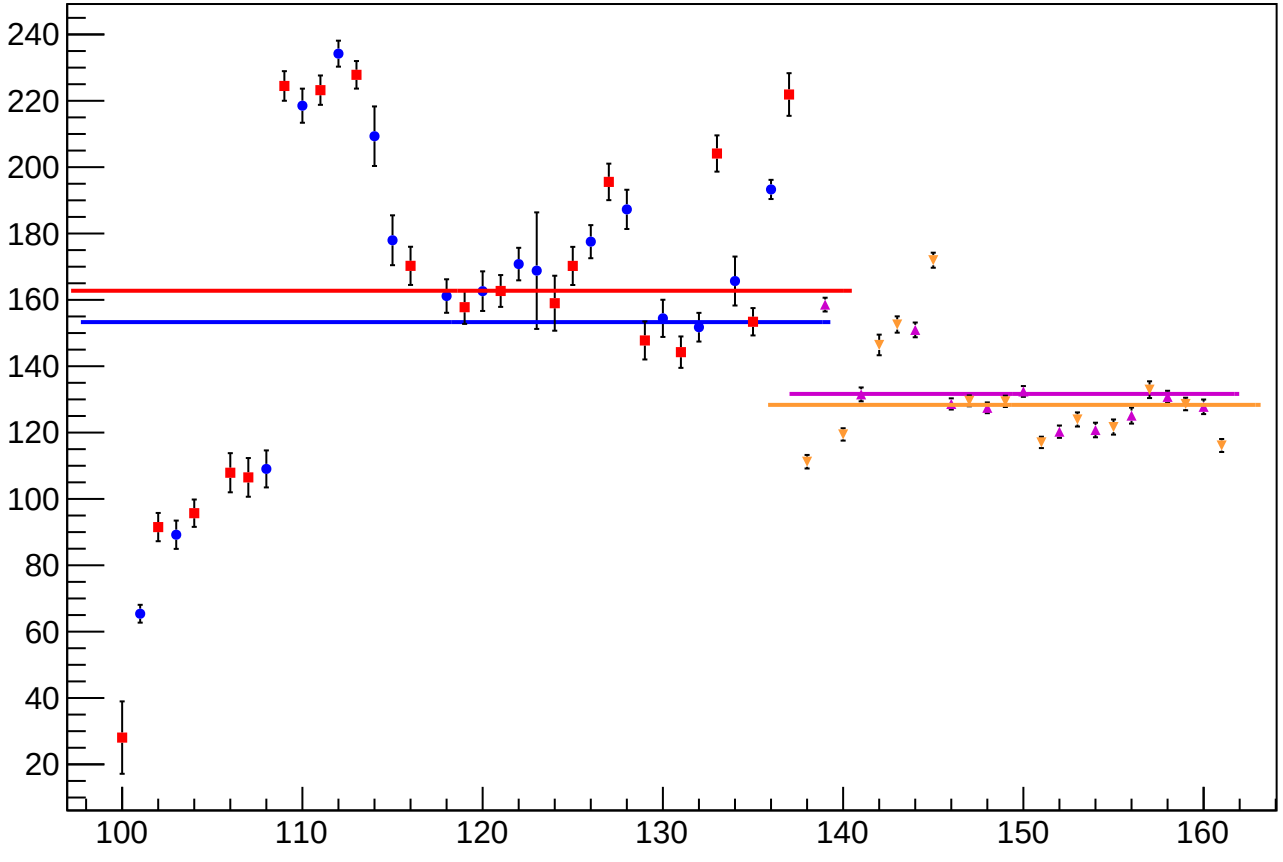
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 4.566+/-0.336 χ^2/NDF:477.0/27

Out: 4.446+/-0.329 χ^2/NDF:628.2/31

All: 4.505+/-0.235 χ^2/NDF: 1105.2/59

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 128.352+/-0.563 χ^2/NDF:692.5/12

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 131.653+/-0.583 χ^2/NDF:325.5/10

Left: 129.947+/-0.405 χ^2/NDF: 1034.6/23

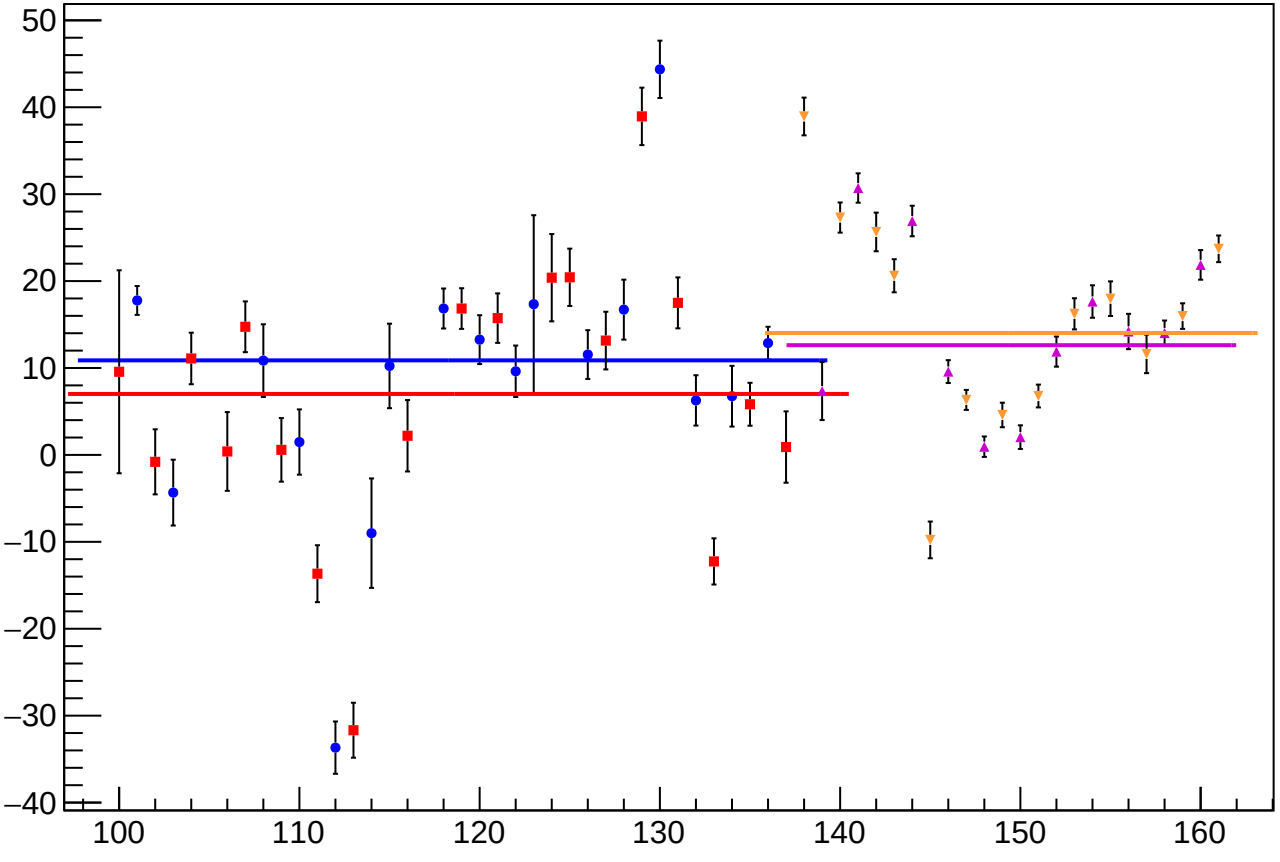
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 136.105+/-0.519 χ^2/NDF:2876.3/27

Out: 134.763+/-0.508 χ^2/NDF:3096.4/31

All: 135.419+/-0.363 χ^2/NDF: 5976.1/59

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 14.024+/-0.459 χ^2/NDF:524.9/12

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 12.625+/-0.482 χ^2/NDF:386.6/10

Left: 13.358+/-0.333 χ^2/NDF: 915.9/23

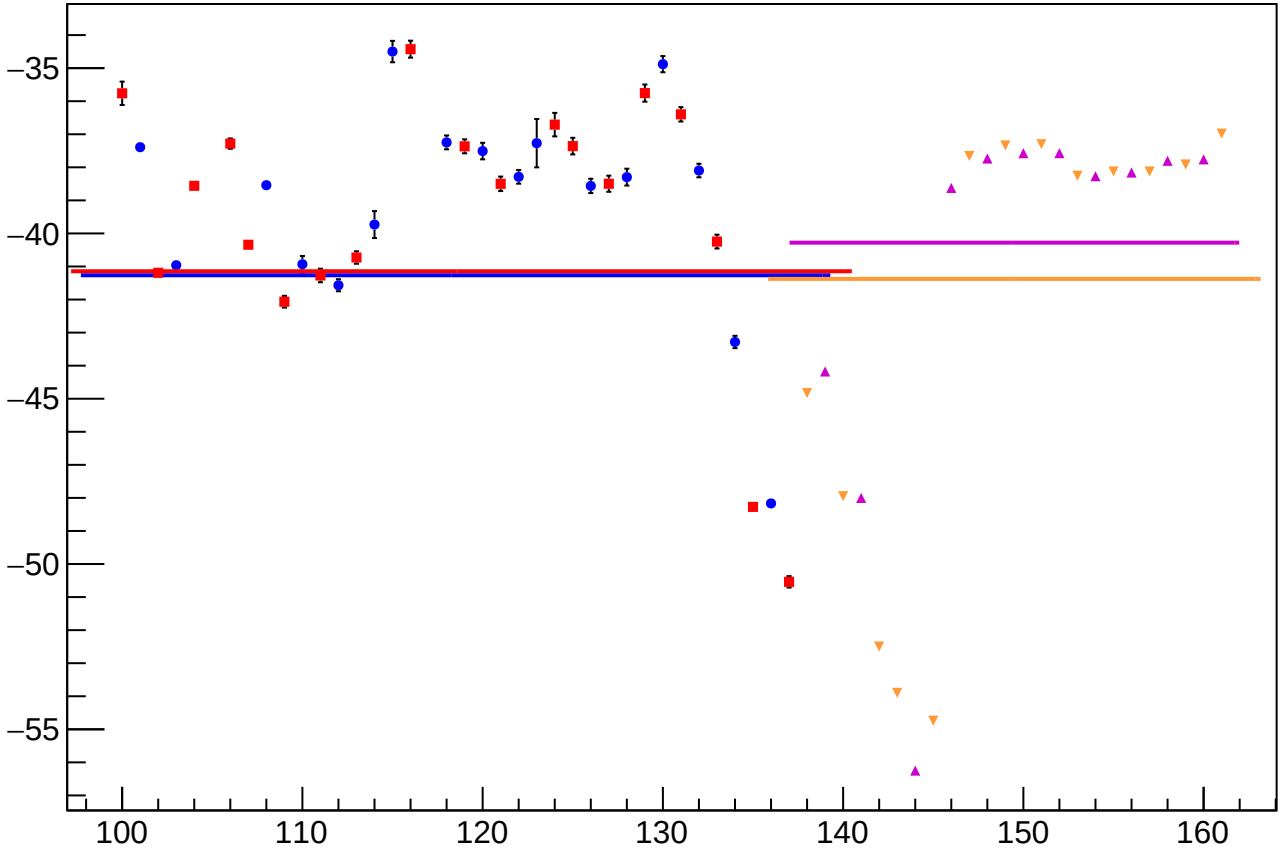
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 12.077+/-0.399 χ^2/NDF:778.8/27

Out: 12.104+/-0.391 χ^2/NDF:1013.1/31

All: 12.091+/-0.280 χ^2/NDF: 1791.9/59

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -41.375+/-0.022 χ^2/NDF:73933.4/12

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -40.279+/-0.023 χ^2/NDF:46519.9/10

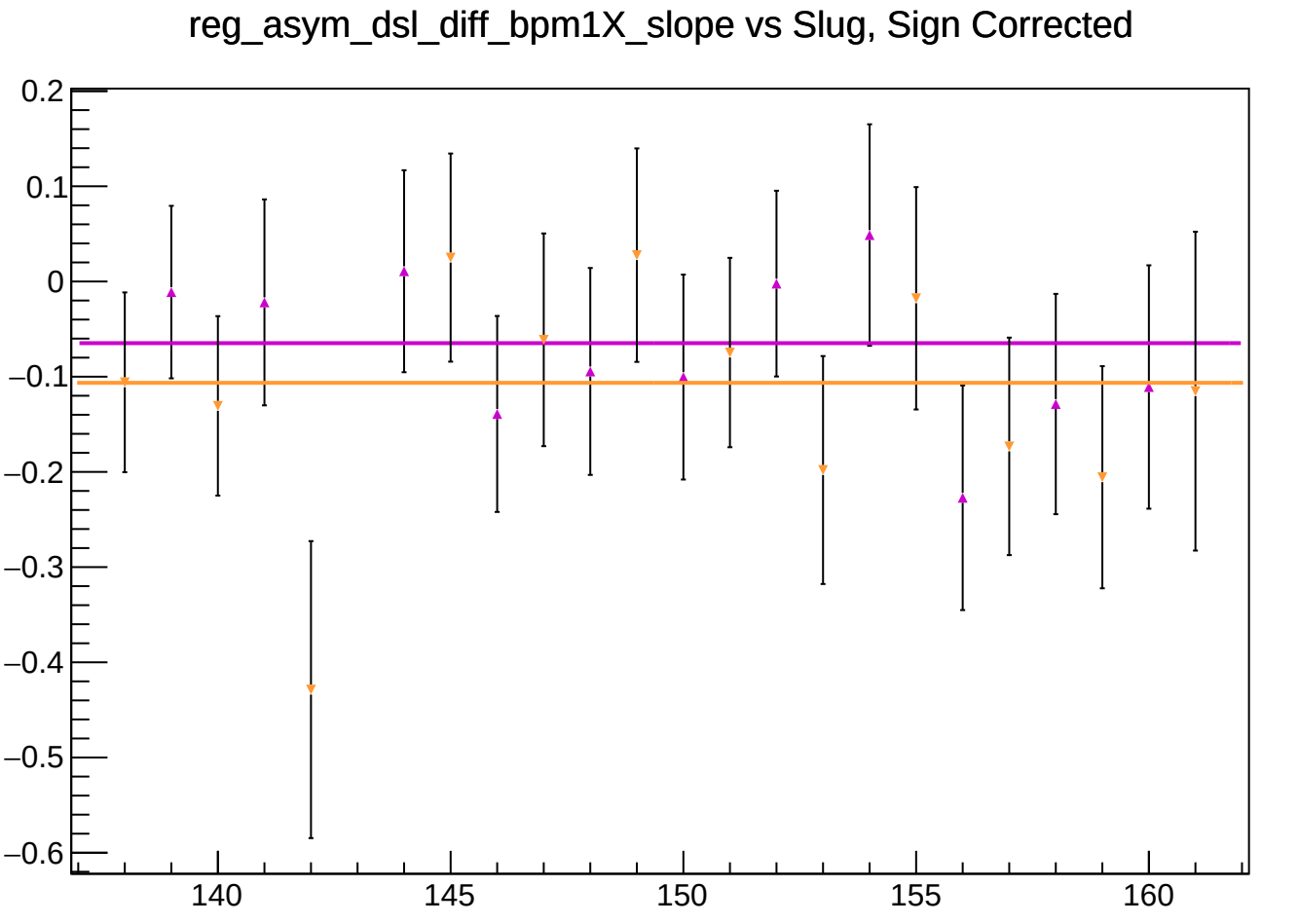
Left: -40.840+/-0.016 χ^2/NDF: 121625.7/23

Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -40.537+/-0.020 χ^2/NDF:59574.9/27

Out: -41.317+/-0.019 χ^2/NDF:86178.9/31

All: -40.934+/-0.014 χ^2/NDF: 146552.3/59



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

Left Out: -0.106+/-0.033 χ^2/NDF:9.7/11

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

Left In: -0.065+/-0.032 χ^2/NDF:5.4/10

Left: -0.086+/-0.023 χ^2/NDF: 15.9/22

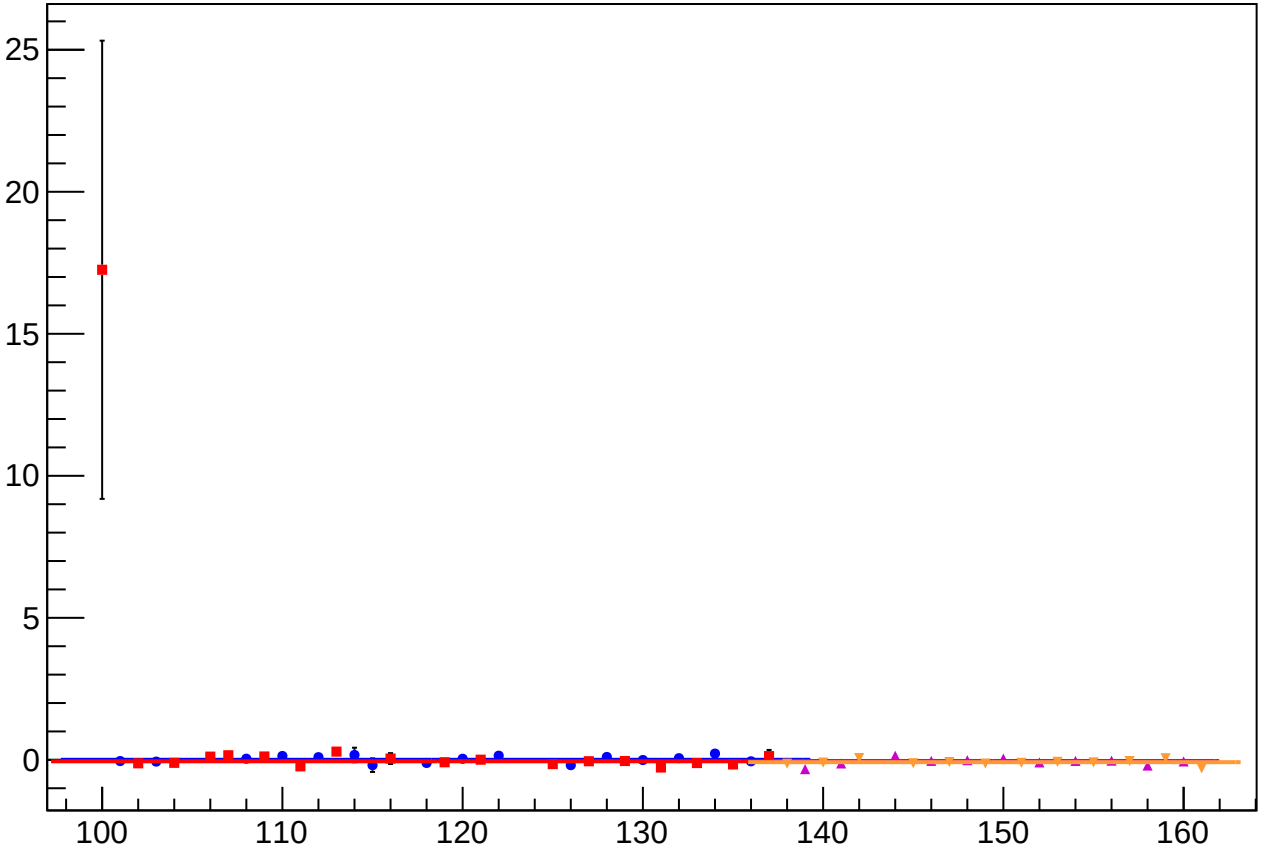
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.065+/-0.032 χ^2/NDF:5.4/10

Out: -0.106+/-0.033 χ^2/NDF:9.7/11

All: -0.086+/-0.023 χ^2/NDF: 15.9/22

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.082+/-0.022 χ^2/NDF:9.9/11

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.040+/-0.022 χ^2/NDF:16.5/10

Left: -0.061+/-0.016 χ^2/NDF: 28.1/22

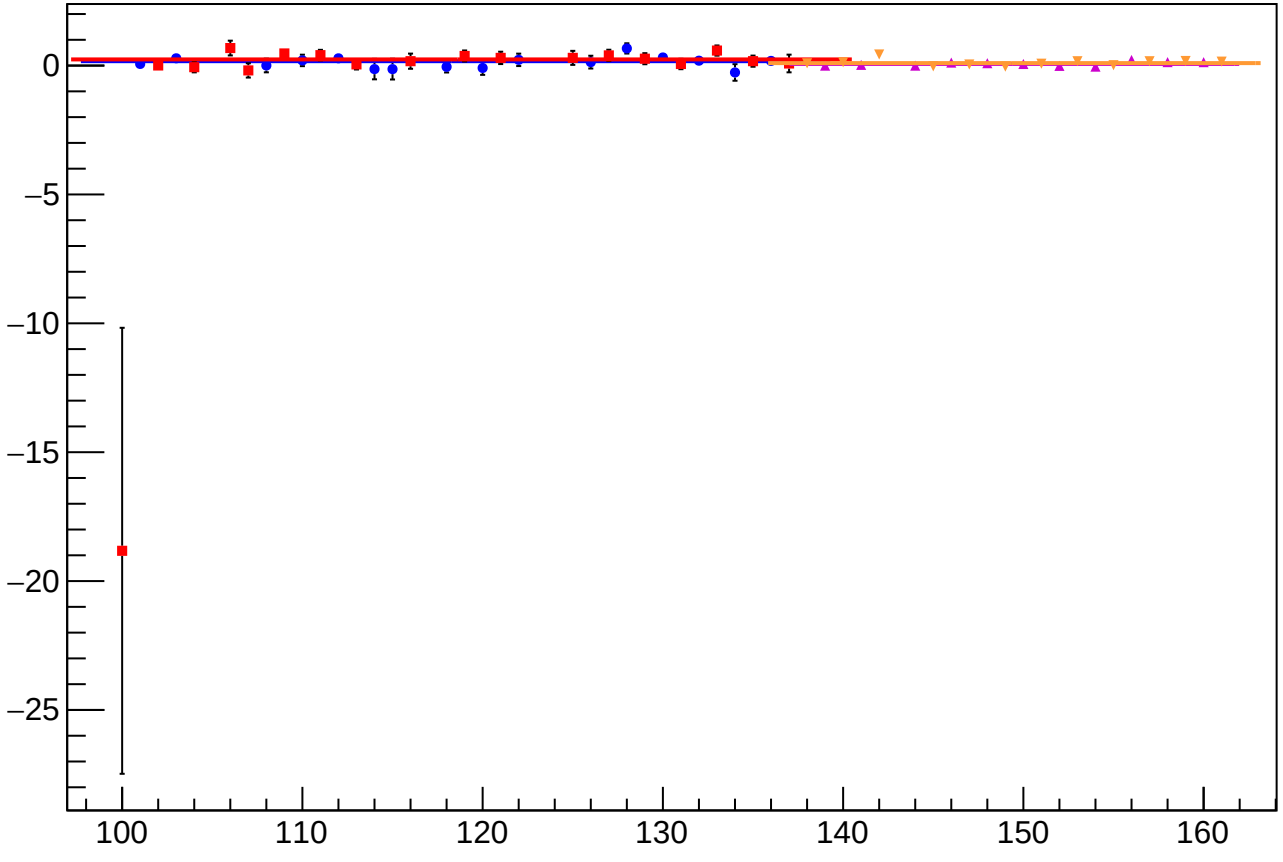
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.024+/-0.018 χ^2/NDF:30.4/26

Out: -0.071+/-0.018 χ^2/NDF:36.4/29

All: -0.047+/-0.013 χ^2/NDF: 70.2/56

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.096+/-0.032 χ^2/NDF:9.5/11

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.064+/-0.032 χ^2/NDF:5.6/10

Left: 0.080+/-0.022 χ^2/NDF: 15.7/22

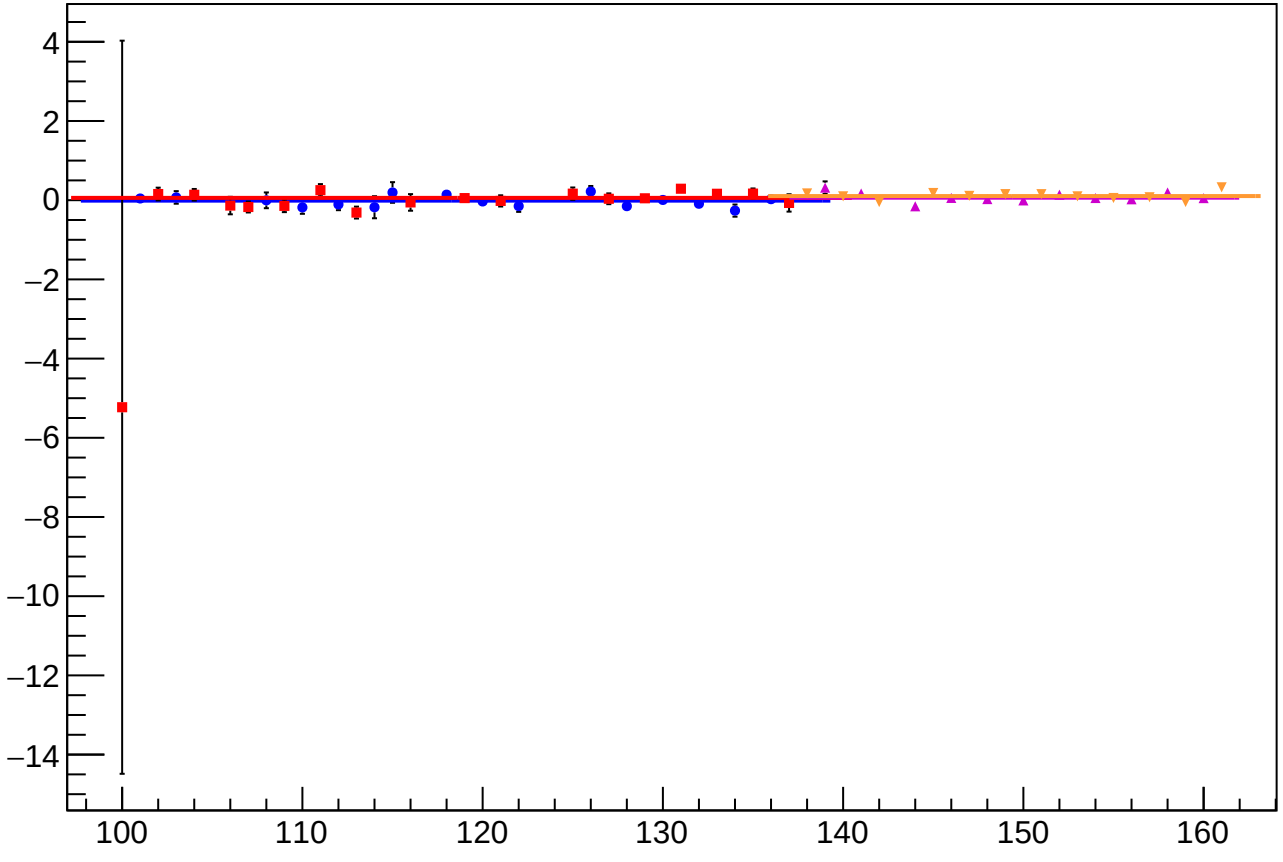
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.092+/-0.027 χ^2/NDF:22.3/26

Out: 0.133+/-0.027 χ^2/NDF:36.6/29

All: 0.112+/-0.019 χ^2/NDF: 60.0/56

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+/-0.027 χ^2/NDF:9.8/11

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.063+/-0.027 χ^2/NDF:14.0/10

Left: 0.084+/-0.019 χ^2/NDF: 25.0/22

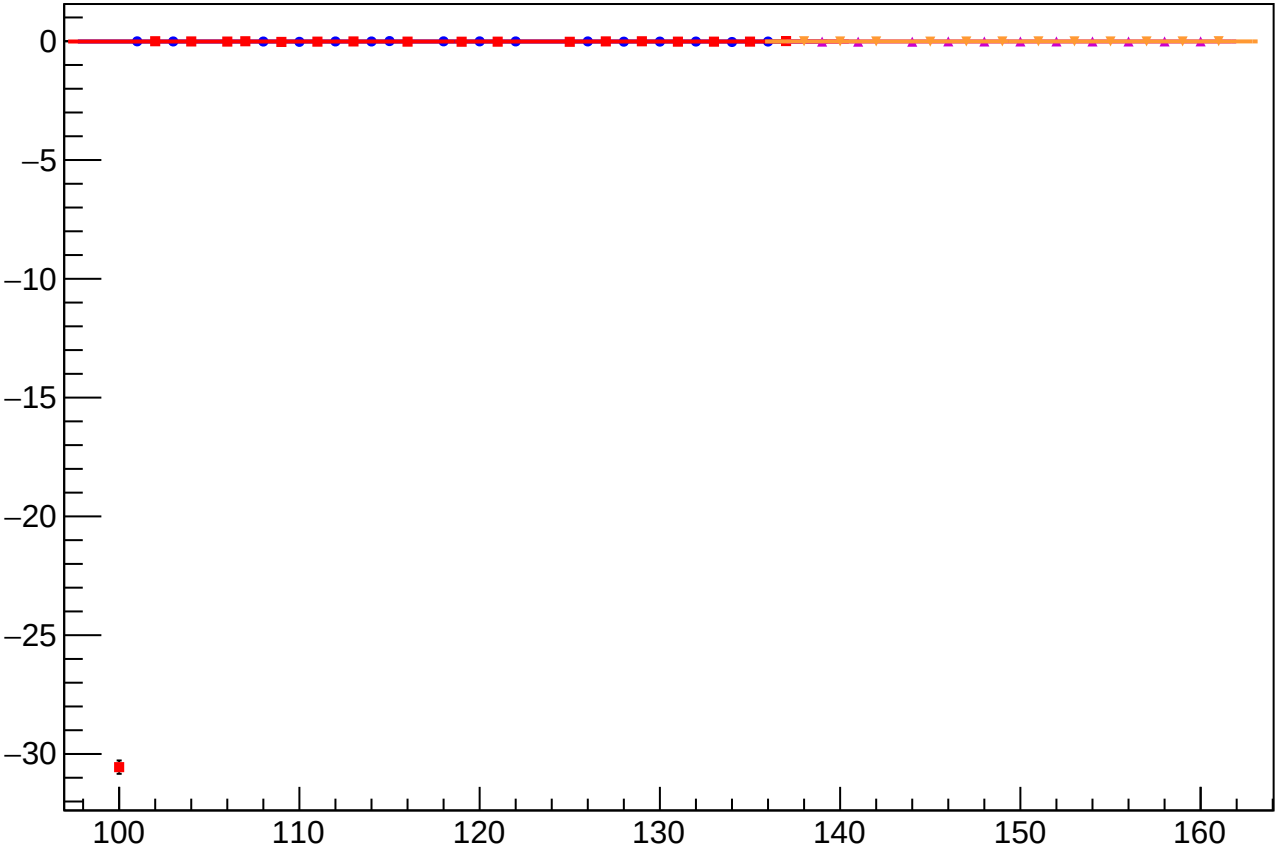
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.033+/-0.021 χ^2/NDF:30.9/26

Out: 0.087+/-0.021 χ^2/NDF:31.5/29

All: 0.060+/-0.015 χ^2/NDF: 65.7/56

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:10.3/11

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.011+/-0.001 χ^2/NDF:11.2/10

Left: -0.010+/-0.001 χ^2/NDF: 23.3/22

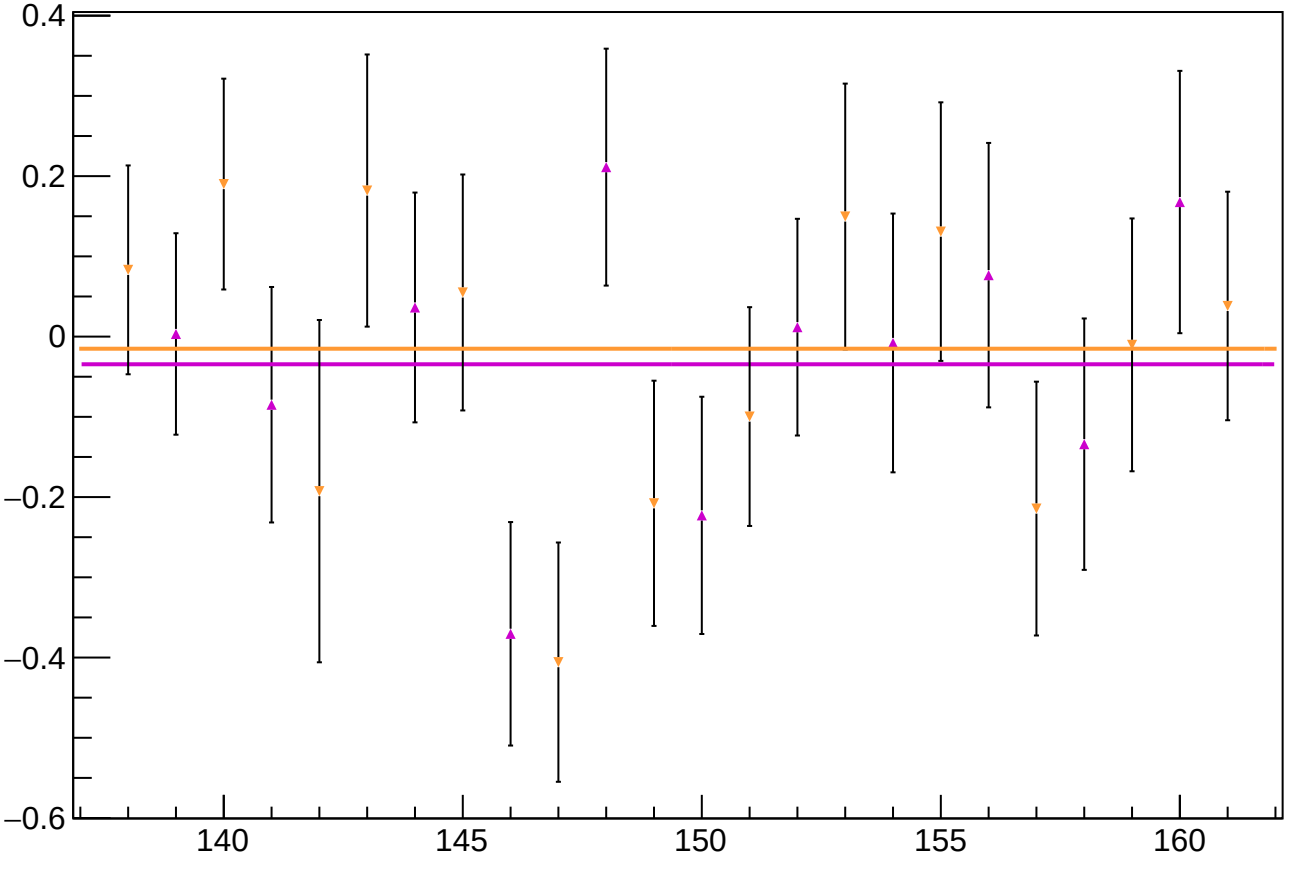
Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.011+/-0.001 χ^2/NDF:24.4/26

Out: -0.010+/-0.001 χ^2/NDF:11904.7/29

All: -0.010+/-0.001 χ^2/NDF: 11930.1/56

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.015+/-0.042 χ^2/NDF:17.7/12

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

Left In: -0.034+/-0.044 χ^2/NDF:13.2/10

Left: -0.024+/-0.030 χ^2/NDF: 31.0/23

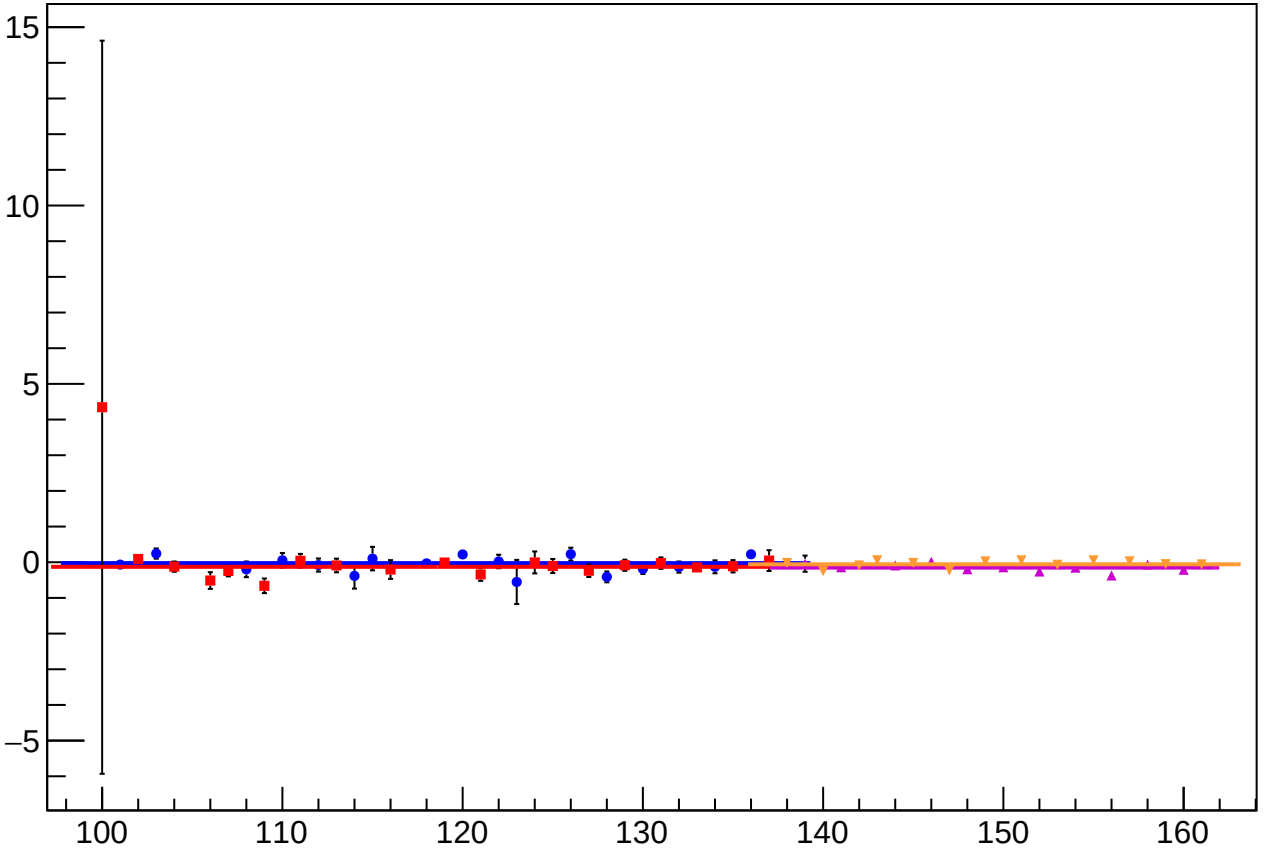
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.034+/-0.044 χ^2/NDF:13.2/10

Out: -0.015+/-0.042 χ^2/NDF:17.7/12

All: -0.024+/-0.030 χ^2/NDF: 31.0/23

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.058+/-0.029 χ^2/NDF:14.7/12

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.150+/-0.031 χ^2/NDF:10.7/10

Left: -0.101+/-0.021 χ^2/NDF: 30.3/23

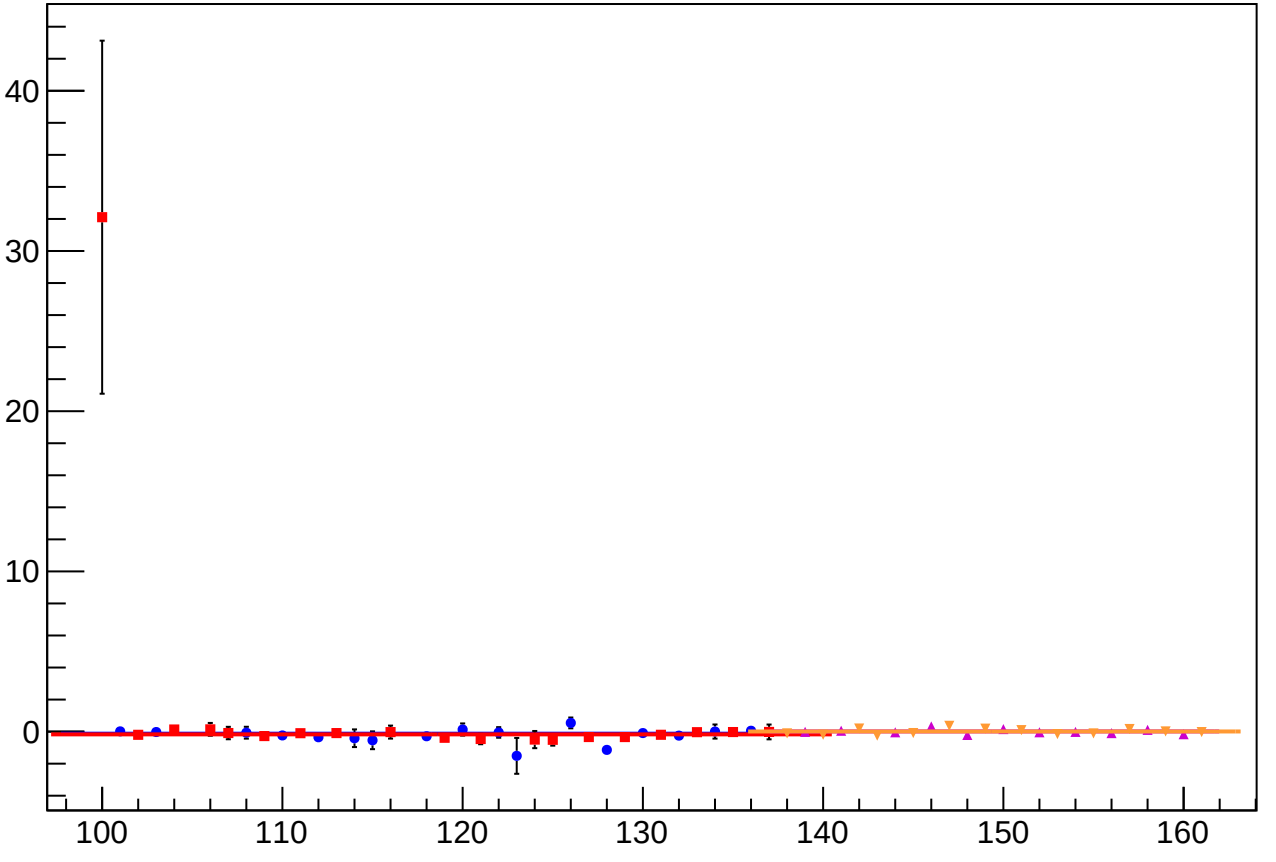
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.098+/-0.023 χ^2/NDF:41.0/27

Out: -0.082+/-0.023 χ^2/NDF:34.4/31

All: -0.090+/-0.016 χ^2/NDF: 75.7/59

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.009+/-0.041 χ^2/NDF:17.3/12

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: 0.012+/-0.043 χ^2/NDF:11.8/10

Left: 0.011+/-0.030 χ^2/NDF: 29.1/23

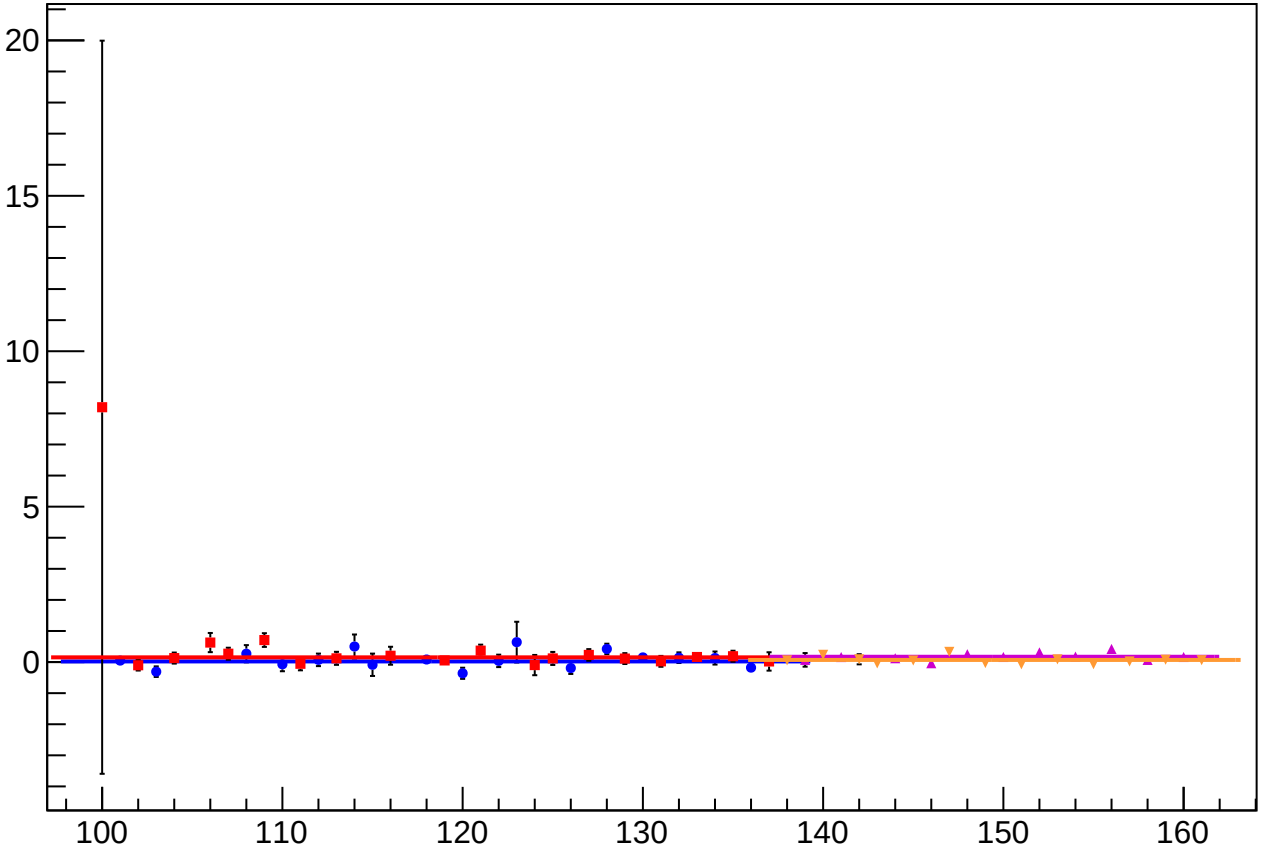
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.030+/-0.036 χ^2/NDF:38.7/27

Out: -0.036+/-0.036 χ^2/NDF:37.1/31

All: -0.033+/-0.025 χ^2/NDF: 75.9/59

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.069+/-0.034 χ^2/NDF:13.3/12

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.171+/-0.036 χ^2/NDF:10.9/10

Left: 0.117+/-0.025 χ^2/NDF: 28.4/23

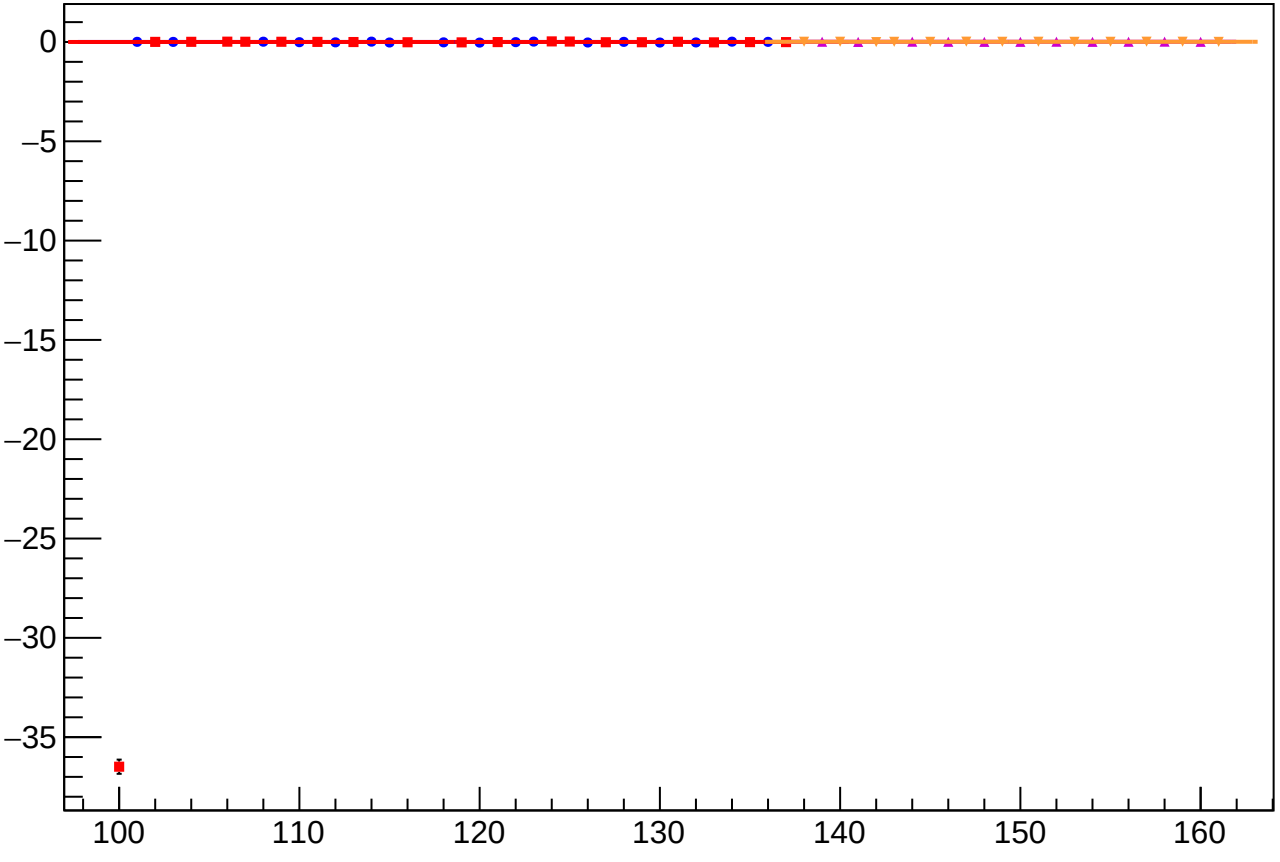
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.107+/-0.028 χ^2/NDF:40.6/27

Out: 0.099+/-0.027 χ^2/NDF:31.7/31

All: 0.103+/-0.019 χ^2/NDF: 72.3/59

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.010+/-0.002 χ^2/NDF:6.5/12

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.002 χ^2/NDF:4.9/10

Left: 0.011+/-0.001 χ^2/NDF: 11.5/23

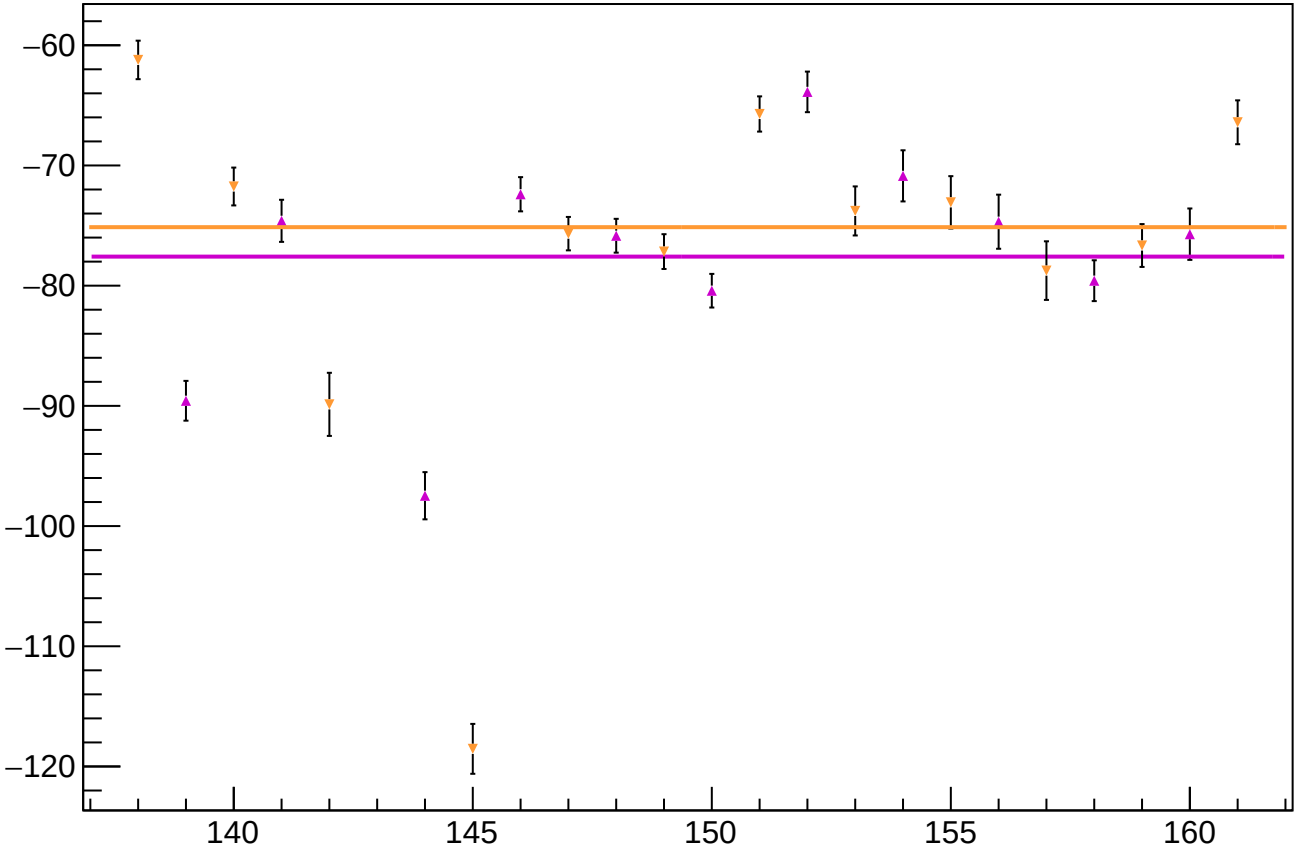
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.008+/-0.001 χ^2/NDF:50.2/27

Out: 0.007+/-0.001 χ^2/NDF:10466.8/31

All: 0.007+/-0.001 χ^2/NDF: 10517.0/59

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: -75.134+/-0.509 χ^2/NDF:619.3/11

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

Left In: -77.583+/-0.513 χ^2/NDF:256.6/10

Left: -76.347+/-0.361 χ^2/NDF: 887.5/22

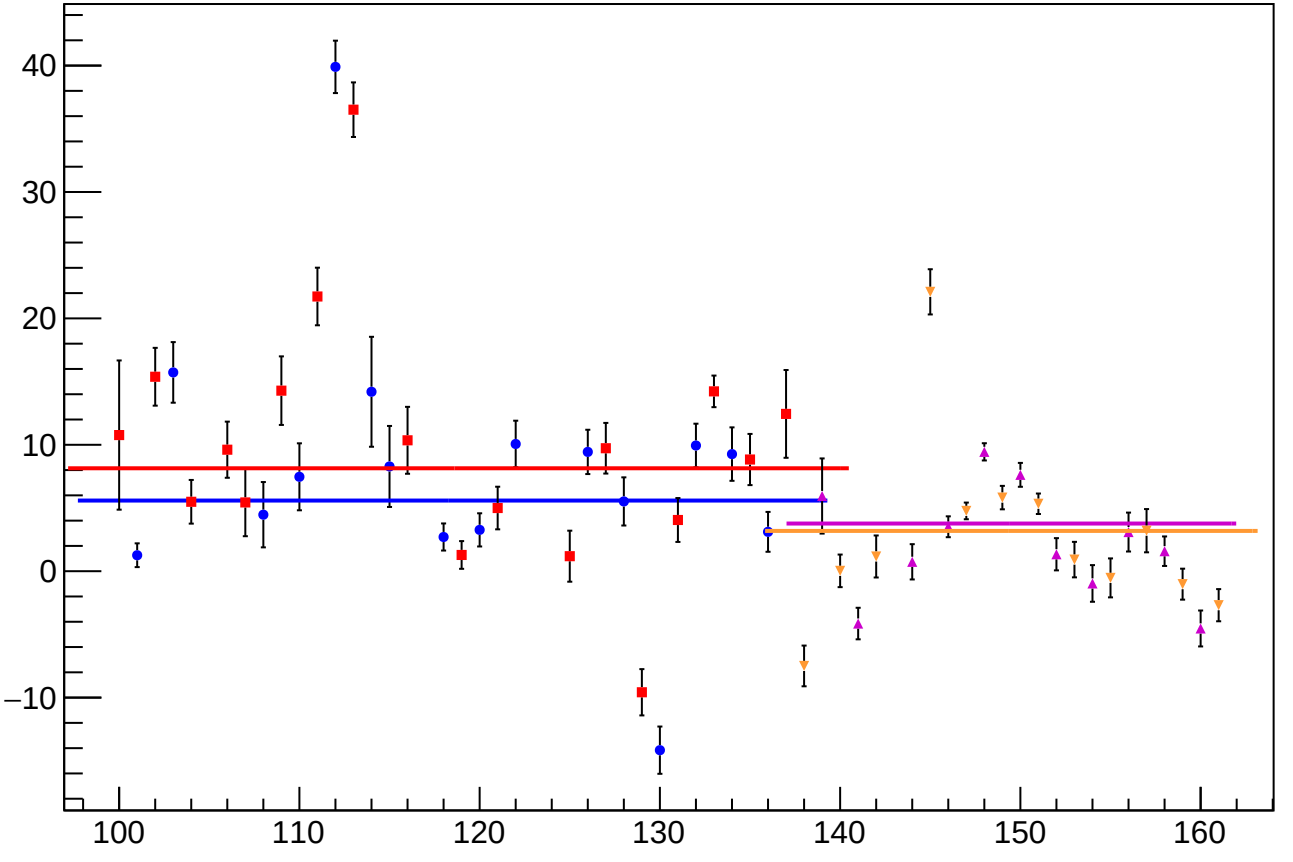
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -77.583+/-0.513 χ^2/NDF:256.6/10

Out: -75.134+/-0.509 χ^2/NDF:619.3/11

All: -76.347+/-0.361 χ^2/NDF: 887.5/22

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: 3.187+/-0.330 χ^2/NDF:225.8/11

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 3.771+/-0.338 χ^2/NDF:183.4/10

Left: 3.471+/-0.236 χ^2/NDF: 410.7/22

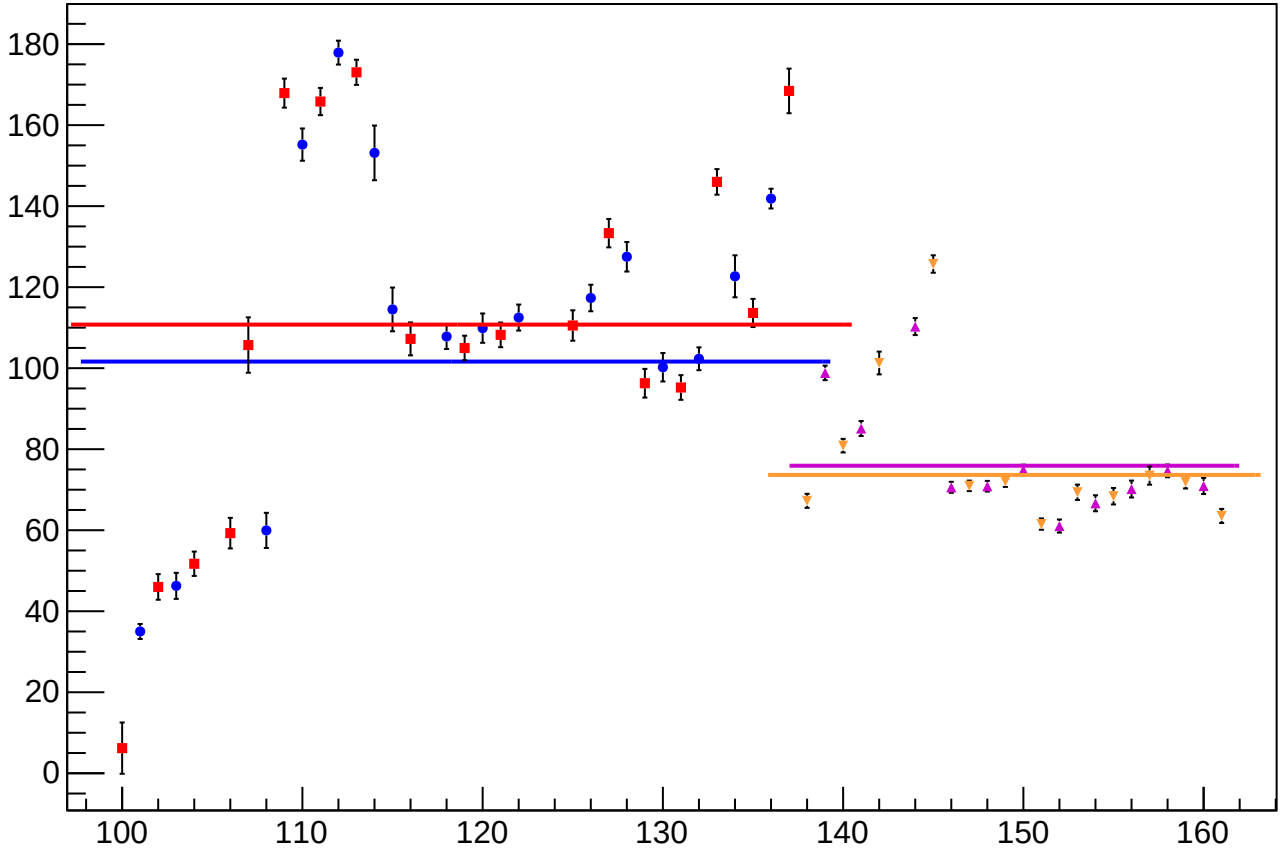
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 4.478+/-0.264 χ^2/NDF:657.5/26

Out: 4.899+/-0.267 χ^2/NDF:711.6/29

All: 4.687+/-0.188 χ^2/NDF: 1370.3/56

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: 73.652+/-0.494 χ^2/NDF:840.7/11

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 75.920+/-0.497 χ^2/NDF:607.3/10

Left: 74.780+/-0.350 χ^2/NDF: 1458.5/22

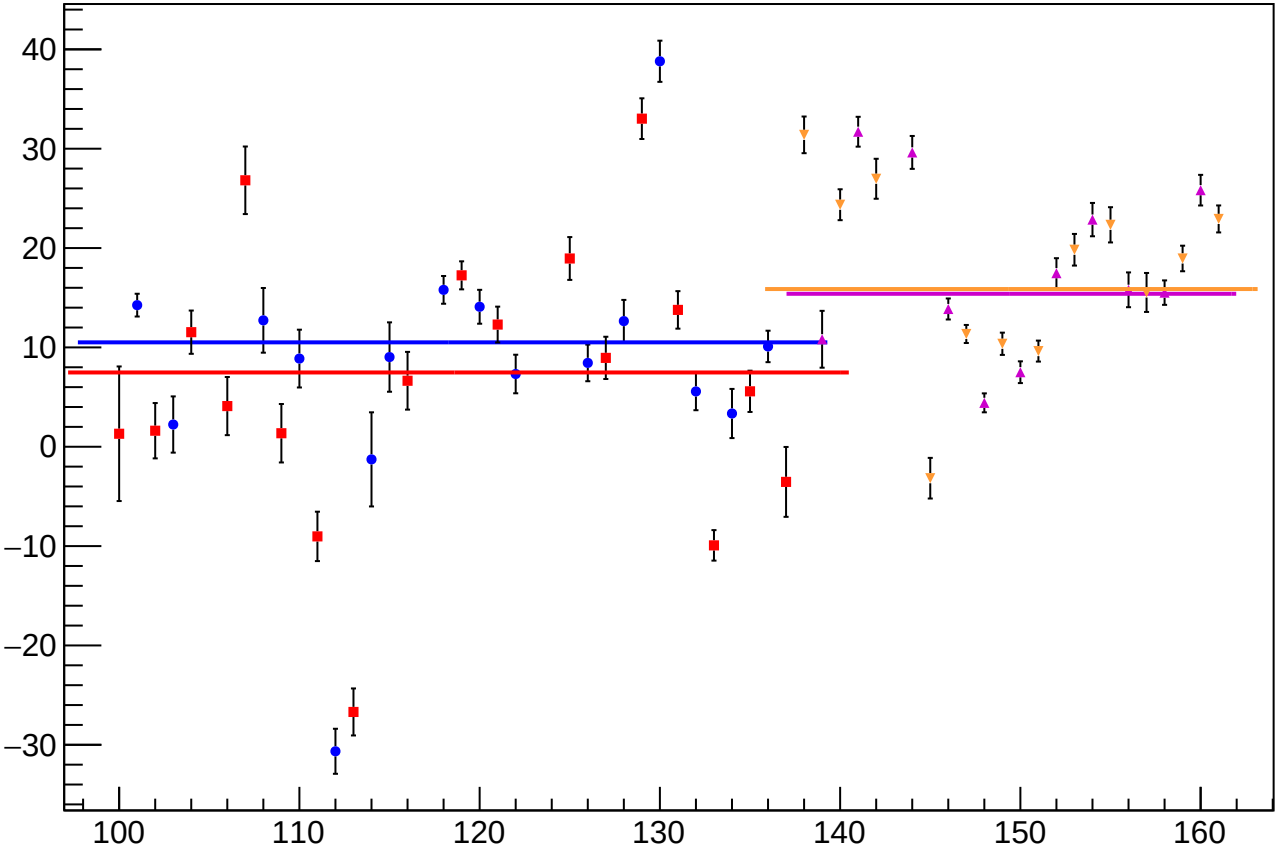
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 82.983+/-0.423 χ^2/NDF:4322.5/26

Out: 83.252+/-0.425 χ^2/NDF:4813.2/29

All: 83.117+/-0.300 χ^2/NDF: 9135.9/56

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: 15.874+/-0.401 χ^2/NDF:353.7/11

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 15.396+/-0.410 χ^2/NDF:448.2/10

Left: 15.640+/-0.287 χ^2/NDF: 802.6/22

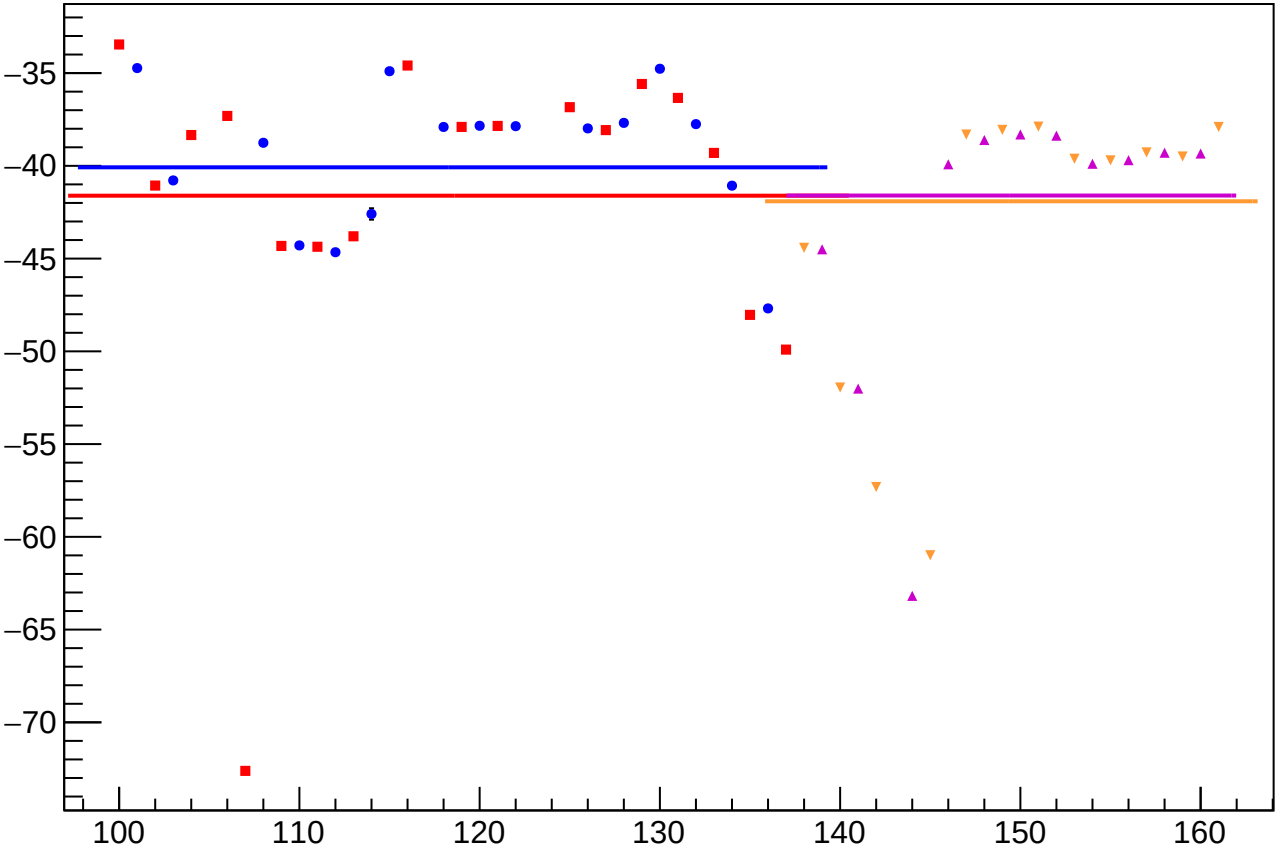
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 13.395+/-0.315 χ^2/NDF:1088.0/26

Out: 12.772+/-0.319 χ^2/NDF:1204.9/29

All: 13.087+/-0.224 χ^2/NDF: 2294.9/56

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: -41.911+/-0.020 χ^2/NDF:109706.6/11

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -41.601+/-0.020 χ^2/NDF:89649.0/10

Left: -41.755+/-0.014 χ^2/NDF: 199479.6/22

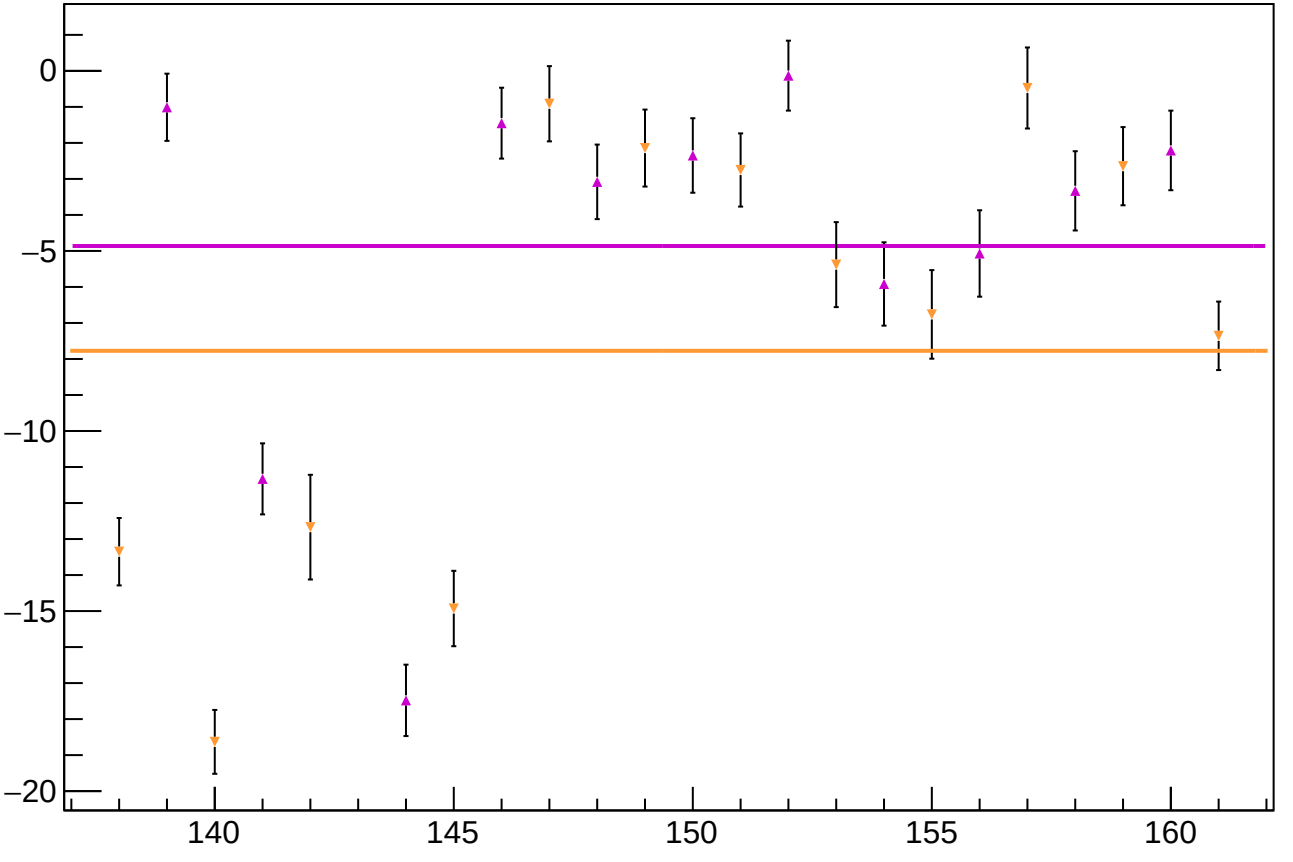
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -41.104+/-0.016 χ^2/NDF:116733.5/26

Out: -41.813+/-0.016 χ^2/NDF:171566.4/29

All: -41.456+/-0.011 χ^2/NDF: 289259.8/56

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: -7.773+/-0.306 χ^2/NDF:408.2/11

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

Left In: -4.863+/-0.312 χ^2/NDF:275.2/10

Left: -6.349+/-0.219 χ^2/NDF: 727.8/22

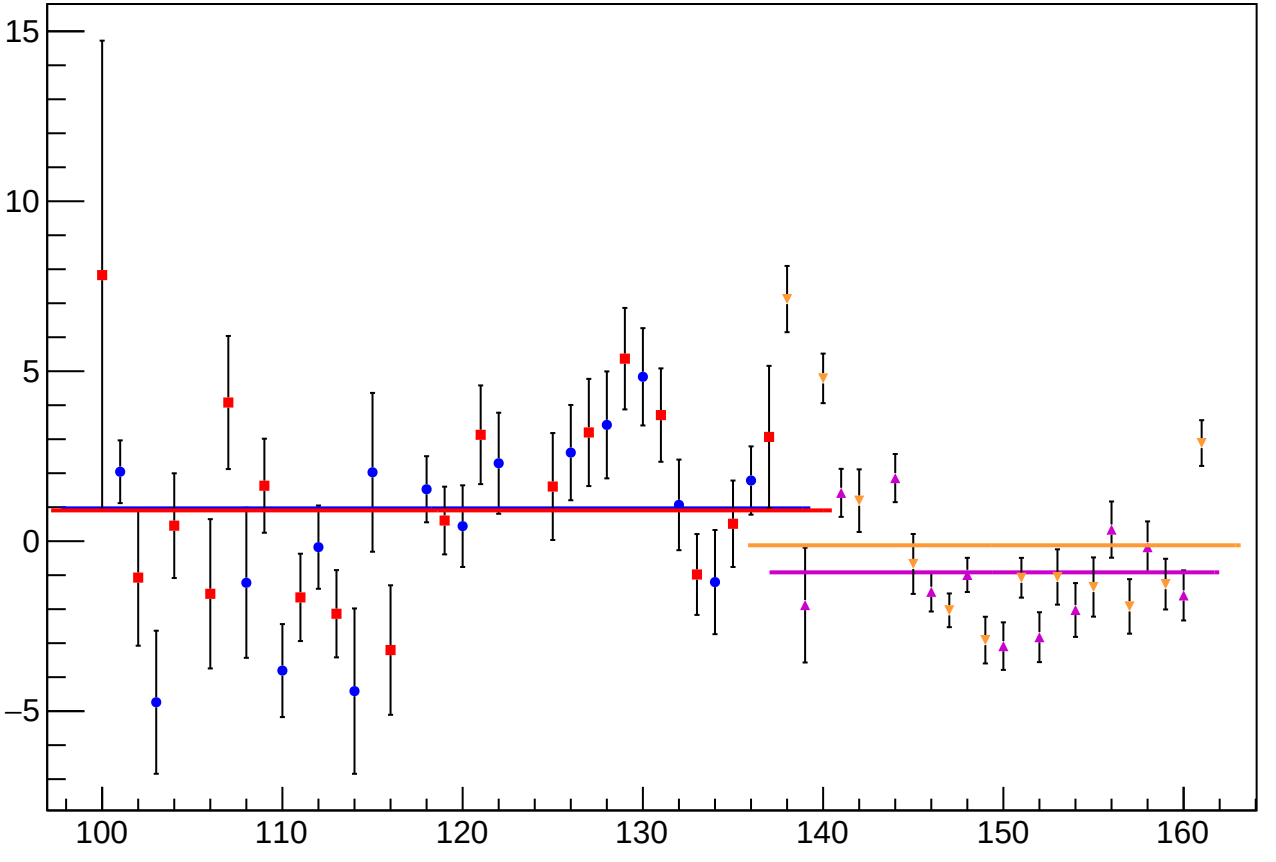
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.863+/-0.312 χ^2/NDF:275.2/10

Out: -7.773+/-0.306 χ^2/NDF:408.2/11

All: -6.349+/-0.219 χ^2/NDF: 727.8/22

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: -0.121+/-0.209 χ^2/NDF:167.8/11

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: -0.917+/-0.214 χ^2/NDF:50.1/10

Left: -0.509+/-0.150 χ^2/NDF: 224.9/22

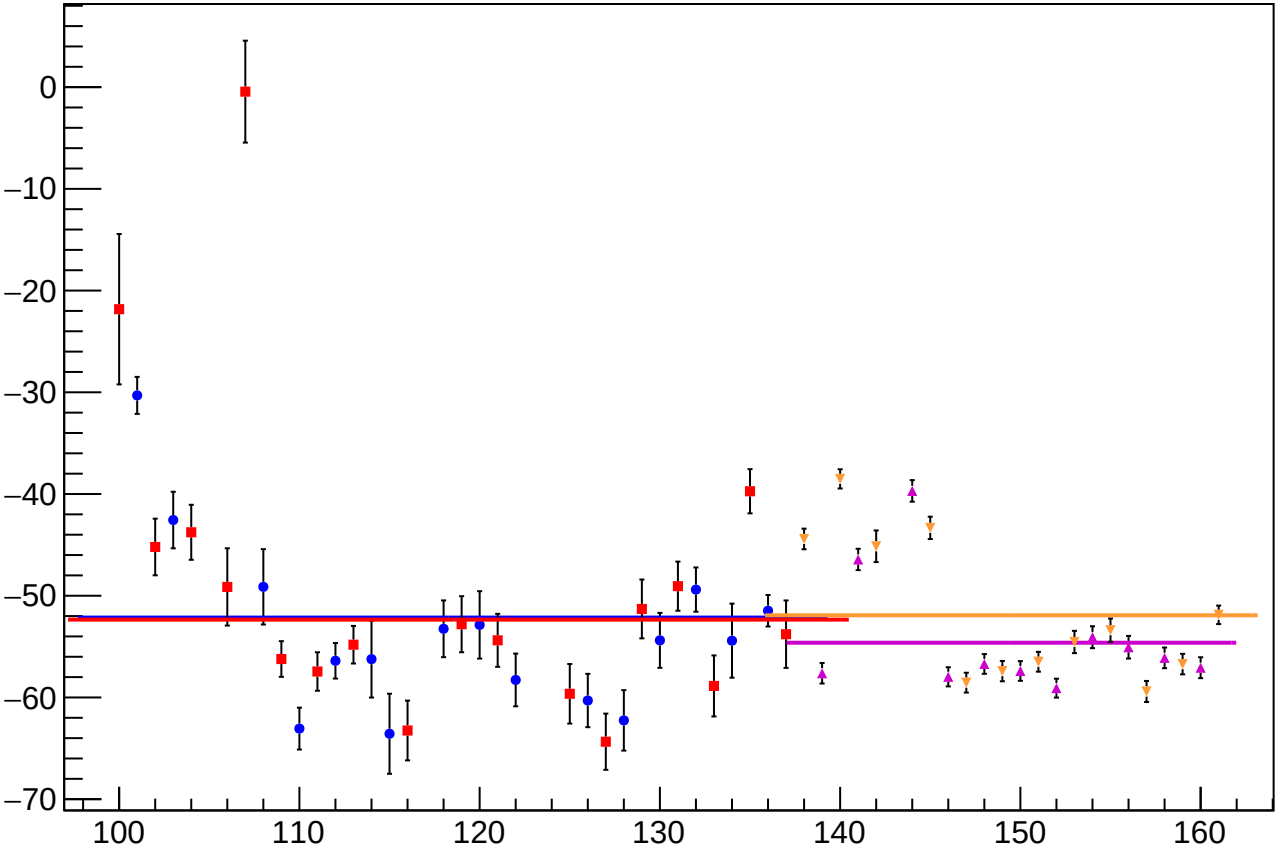
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: -0.378+/-0.181 χ^2/NDF:115.1/26

Out: 0.145+/-0.180 χ^2/NDF:216.0/29

All: -0.115+/-0.128 χ^2/NDF: 335.3/56

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: -51.921+/-0.299 χ^2/NDF:517.1/11

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -54.619+/-0.305 χ^2/NDF:324.8/10

Left: -53.247+/-0.213 χ^2/NDF: 881.8/22

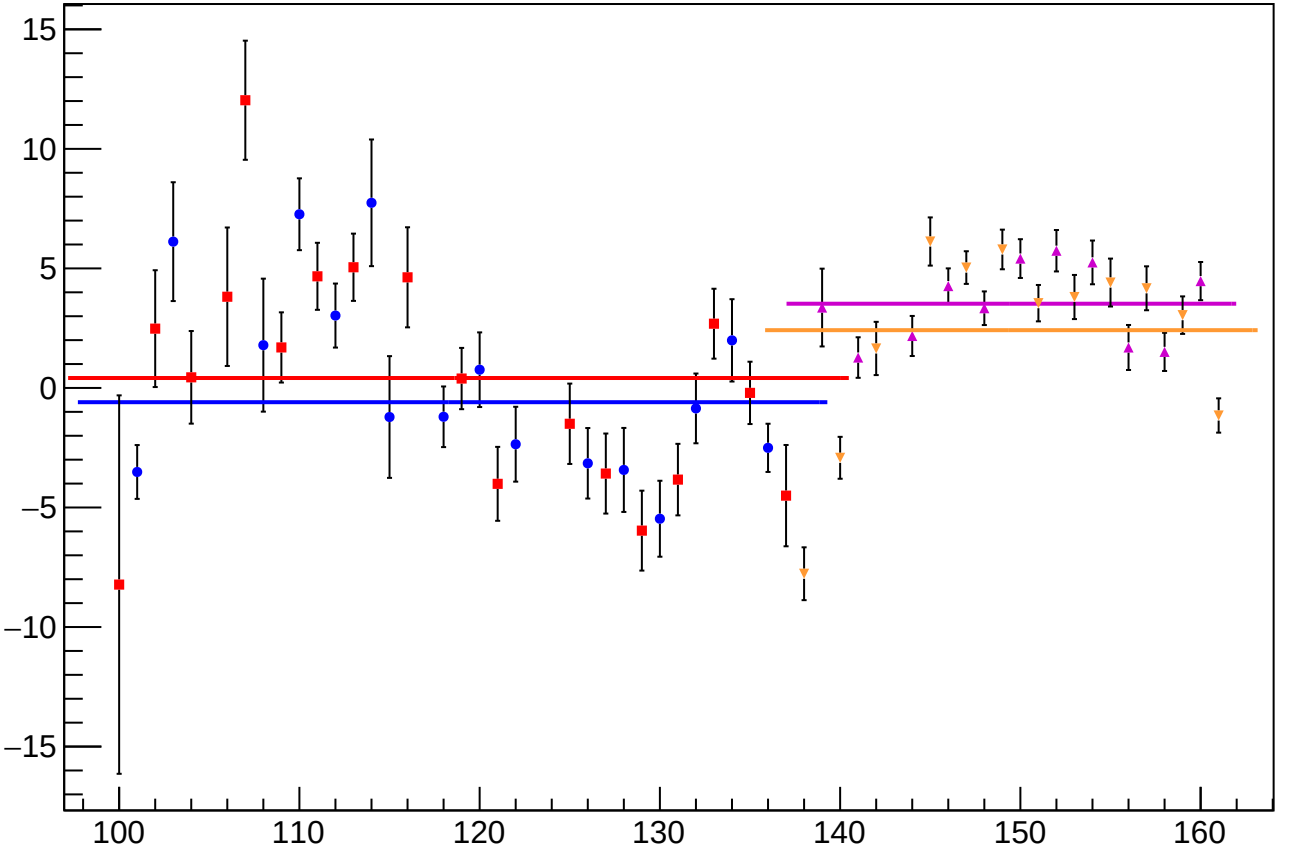
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -54.128+/-0.273 χ^2/NDF:568.1/26

Out: -52.002+/-0.269 χ^2/NDF:753.2/29

All: -53.052+/-0.192 χ^2/NDF: 1352.1/56

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: 2.417+/-0.249 χ^2/NDF:204.8/11

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 3.523+/-0.255 χ^2/NDF:37.8/10

Left: 2.956+/-0.178 χ^2/NDF: 252.3/22

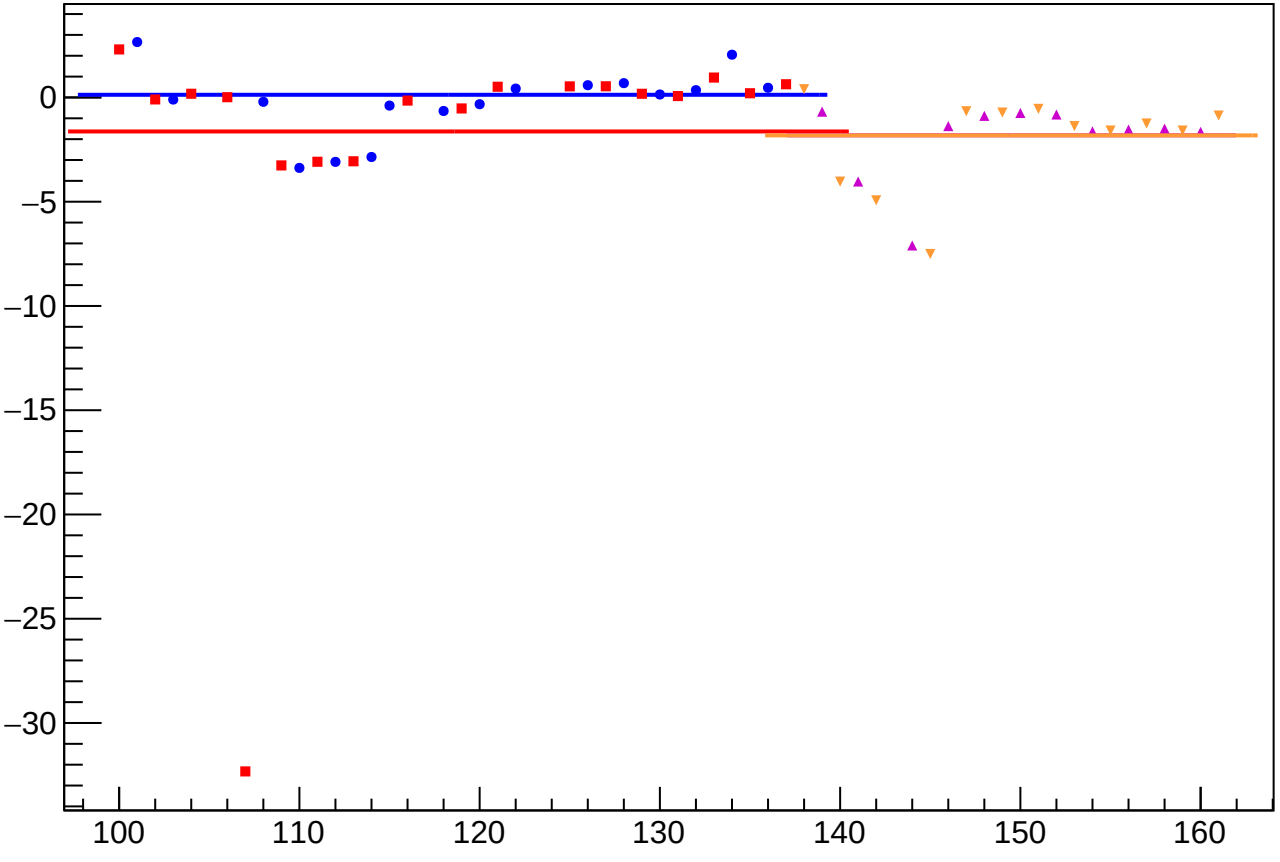
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 2.260+/-0.213 χ^2/NDF:200.2/26

Out: 1.858+/-0.211 χ^2/NDF:318.7/29

All: 2.058+/-0.150 χ^2/NDF: 520.7/56

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: -1.819+/-0.012 χ^2/NDF:29307.5/11

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -1.815+/-0.012 χ^2/NDF:18937.3/10

Left: -1.817+/-0.008 χ^2/NDF: 48244.9/22

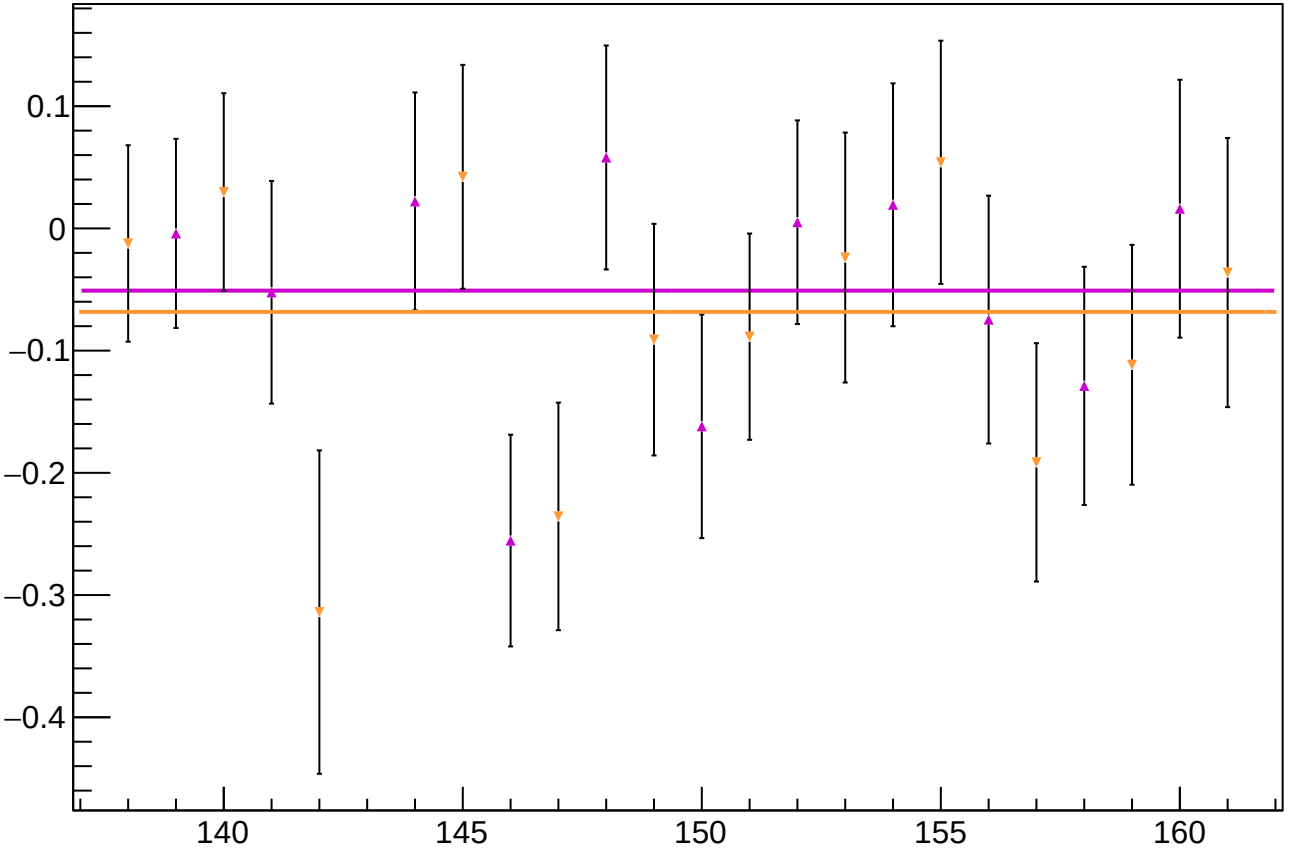
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.363+/-0.010 χ^2/NDF:30459.8/26

Out: -1.777+/-0.010 χ^2/NDF:107244.1/29

All: -1.572+/-0.007 χ^2/NDF: 138509.7/56

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: -0.068+/-0.027 χ^2/NDF:13.8/11

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

Left In: -0.051+/-0.027 χ^2/NDF:11.5/10

Left: -0.060+/-0.019 χ^2/NDF: 25.5/22

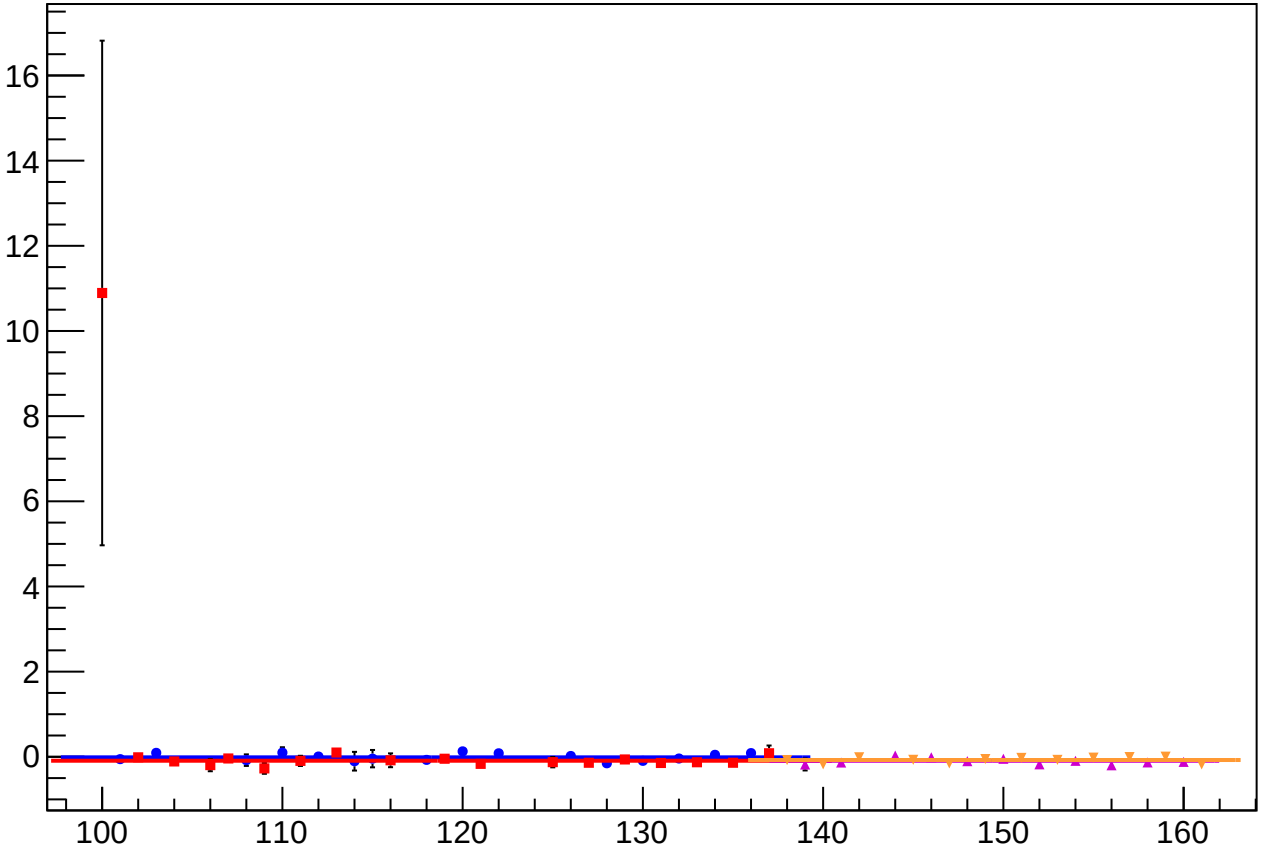
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.051+/-0.027 χ^2/NDF:11.5/10

Out: -0.068+/-0.027 χ^2/NDF:13.8/11

All: -0.060+/-0.019 χ^2/NDF: 25.5/22

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: -0.075+/-0.019 χ^2/NDF:12.1/11

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.094+/-0.019 χ^2/NDF:12.1/10

Left: -0.084+/-0.013 χ^2/NDF: 24.6/22

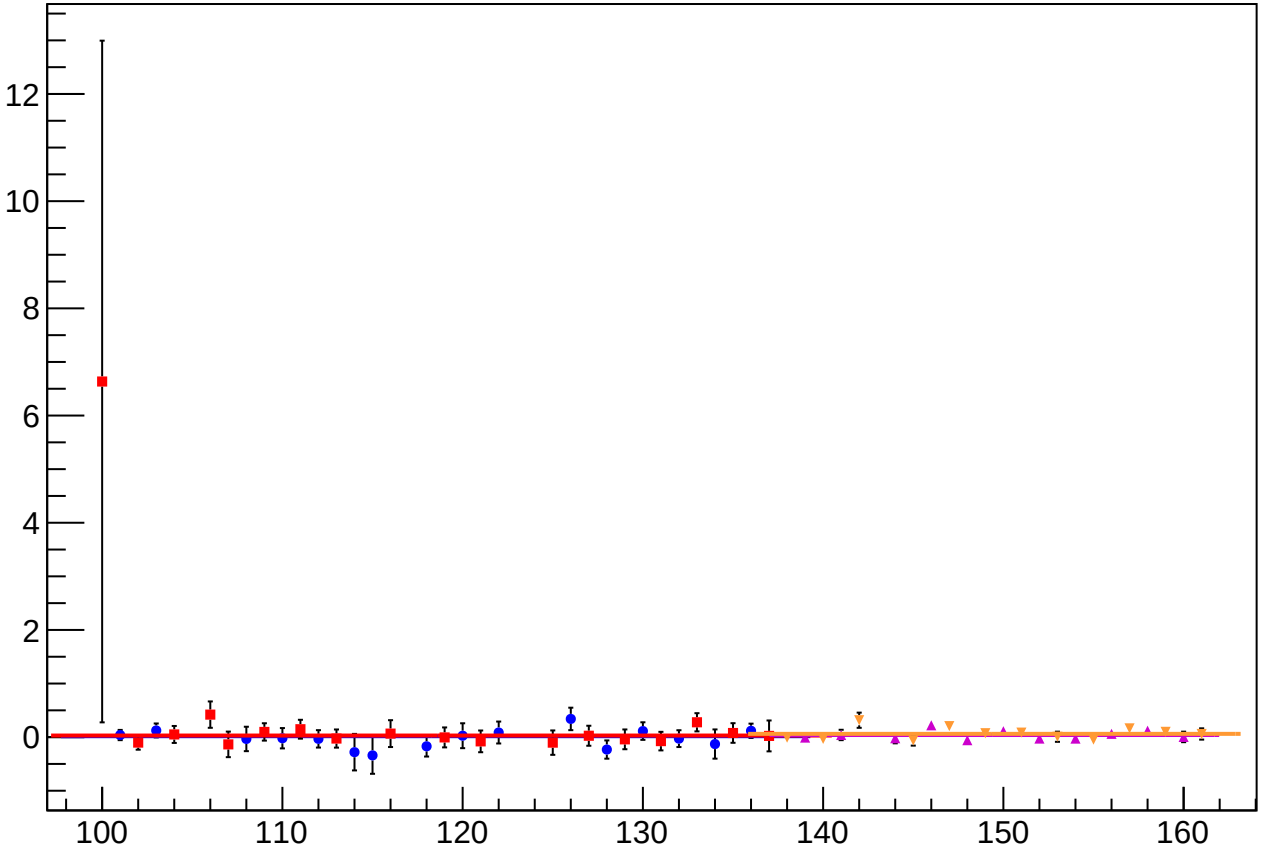
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.061+/-0.015 χ^2/NDF:31.5/26

Out: -0.081+/-0.015 χ^2/NDF:25.0/29

All: -0.071+/-0.010 χ^2/NDF: 57.5/56

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: 0.061+/-0.027 χ^2/NDF:12.7/11

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.040+/-0.027 χ^2/NDF:9.6/10

Left: 0.050+/-0.019 χ^2/NDF: 22.6/22

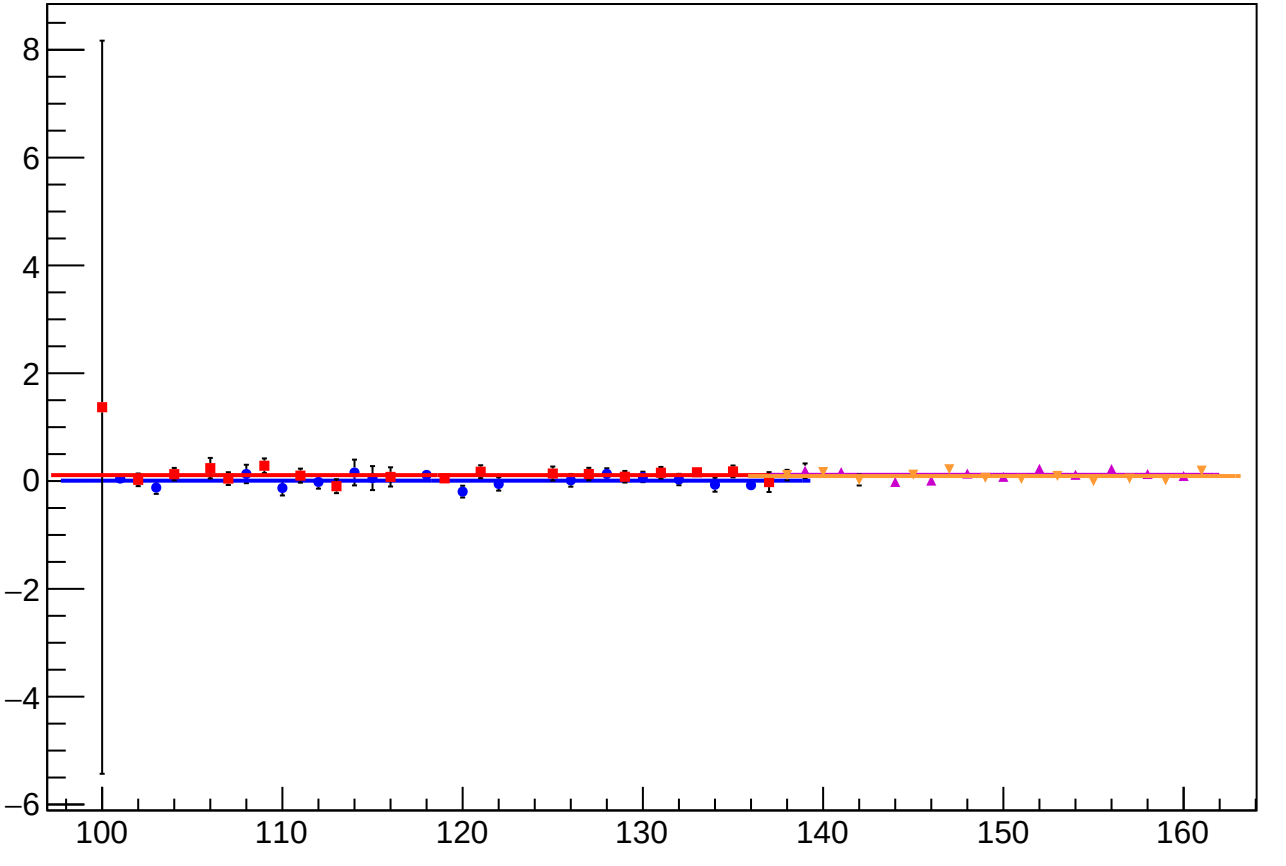
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.033+/-0.023 χ^2/NDF:19.5/26

Out: 0.053+/-0.023 χ^2/NDF:22.3/29

All: 0.043+/-0.016 χ^2/NDF: 42.1/56

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: 0.093+/-0.022 χ^2/NDF:11.2/11

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.116+/-0.023 χ^2/NDF:11.0/10

Left: 0.104+/-0.016 χ^2/NDF: 22.7/22

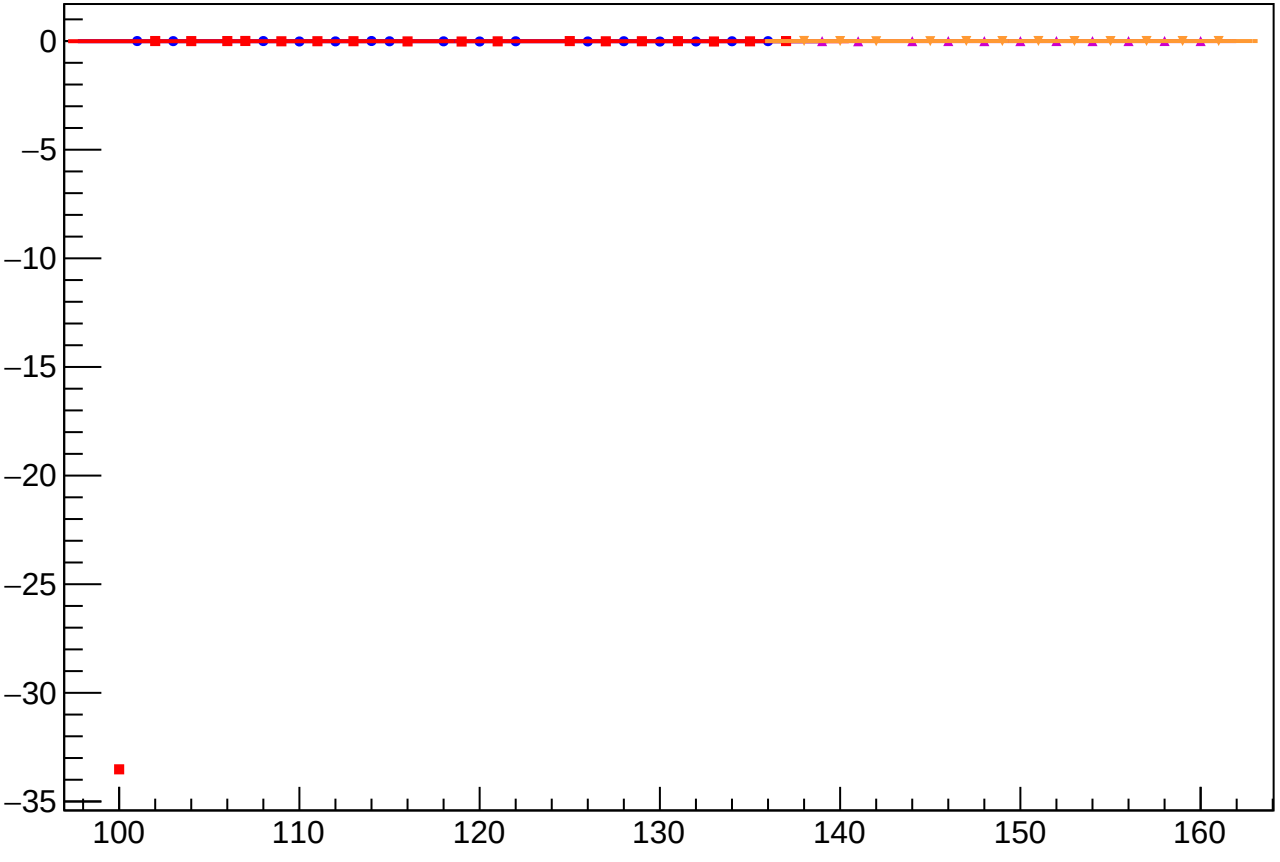
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.070+/-0.017 χ^2/NDF:32.7/26

Out: 0.099+/-0.018 χ^2/NDF:19.3/29

All: 0.085+/-0.012 χ^2/NDF: 53.4/56

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:7.3/11

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.000+/-0.001 χ^2/NDF:7.4/10

Left: 0.001+/-0.001 χ^2/NDF: 15.2/22

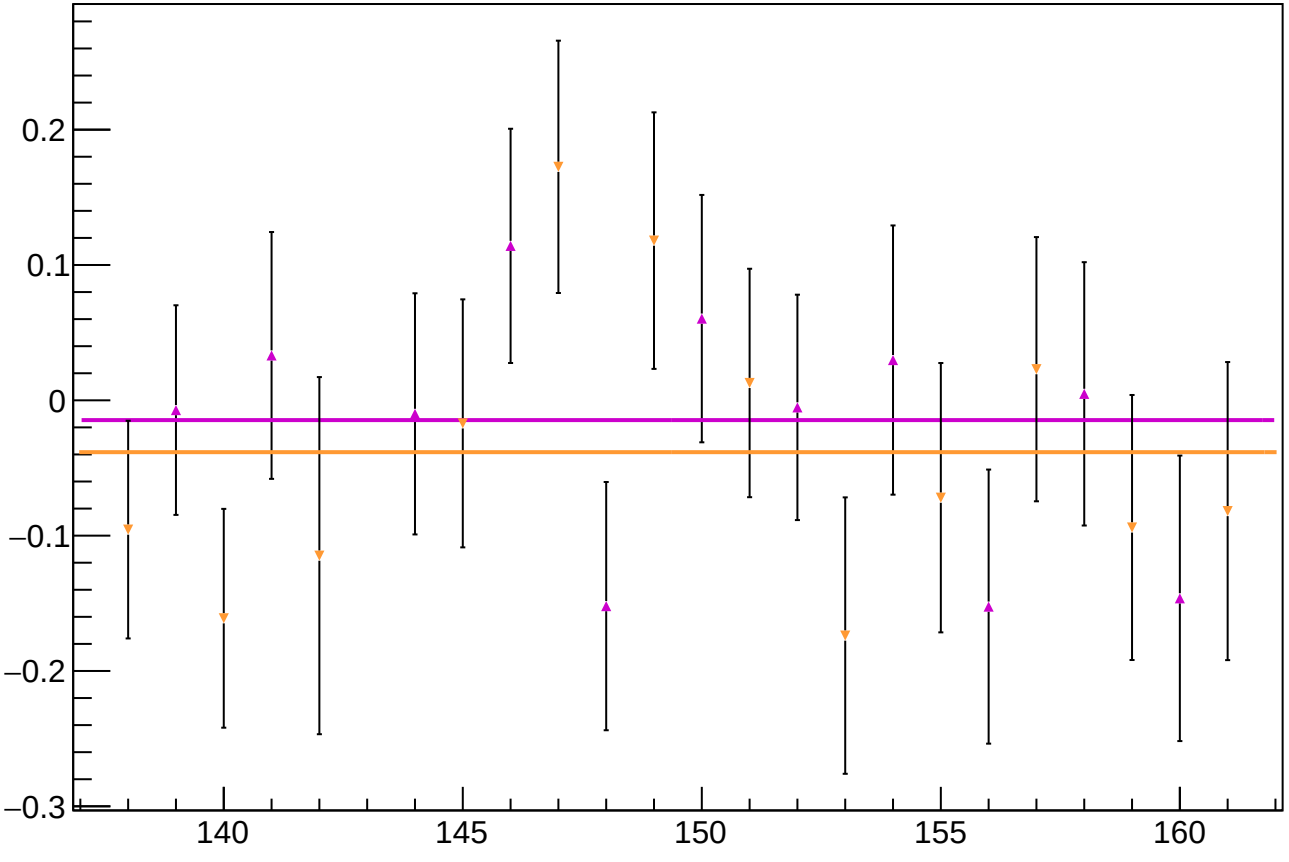
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.002+/-0.001 χ^2/NDF:39.9/26

Out: -0.001+/-0.001 χ^2/NDF:26531.9/29

All: -0.001+/-0.001 χ^2/NDF: 26572.0/56

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: -0.038+/-0.027 χ^2/NDF:14.2/11

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

Left In: -0.015+/-0.027 χ^2/NDF:9.1/10

Left: -0.027+/-0.019 χ^2/NDF: 23.6/22

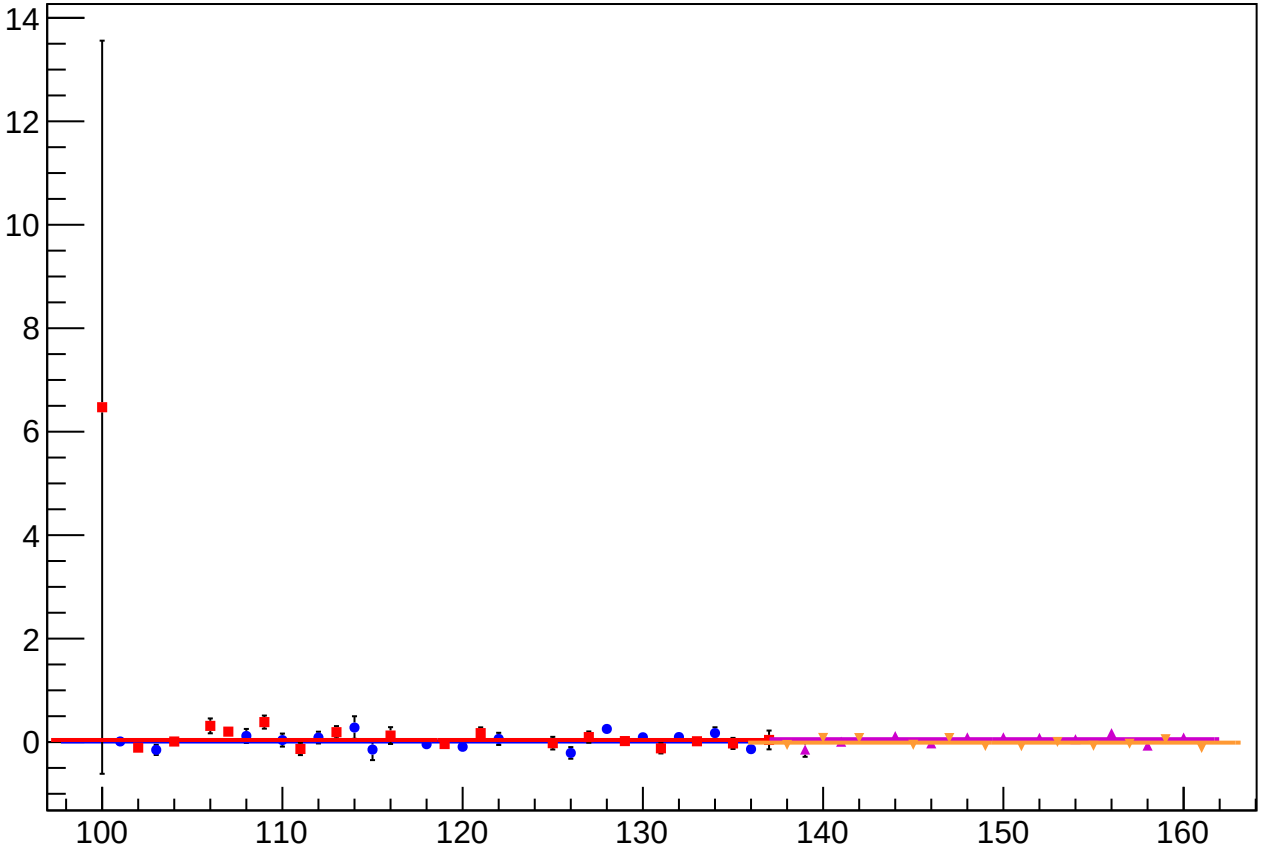
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.015+/-0.027 χ^2/NDF:9.1/10

Out: -0.038+/-0.027 χ^2/NDF:14.2/11

All: -0.027+/-0.019 χ^2/NDF: 23.6/22

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: -0.011+/-0.019 χ^2/NDF:14.3/11

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.055+/-0.019 χ^2/NDF:13.5/10

Left: 0.022+/-0.013 χ^2/NDF: 34.0/22

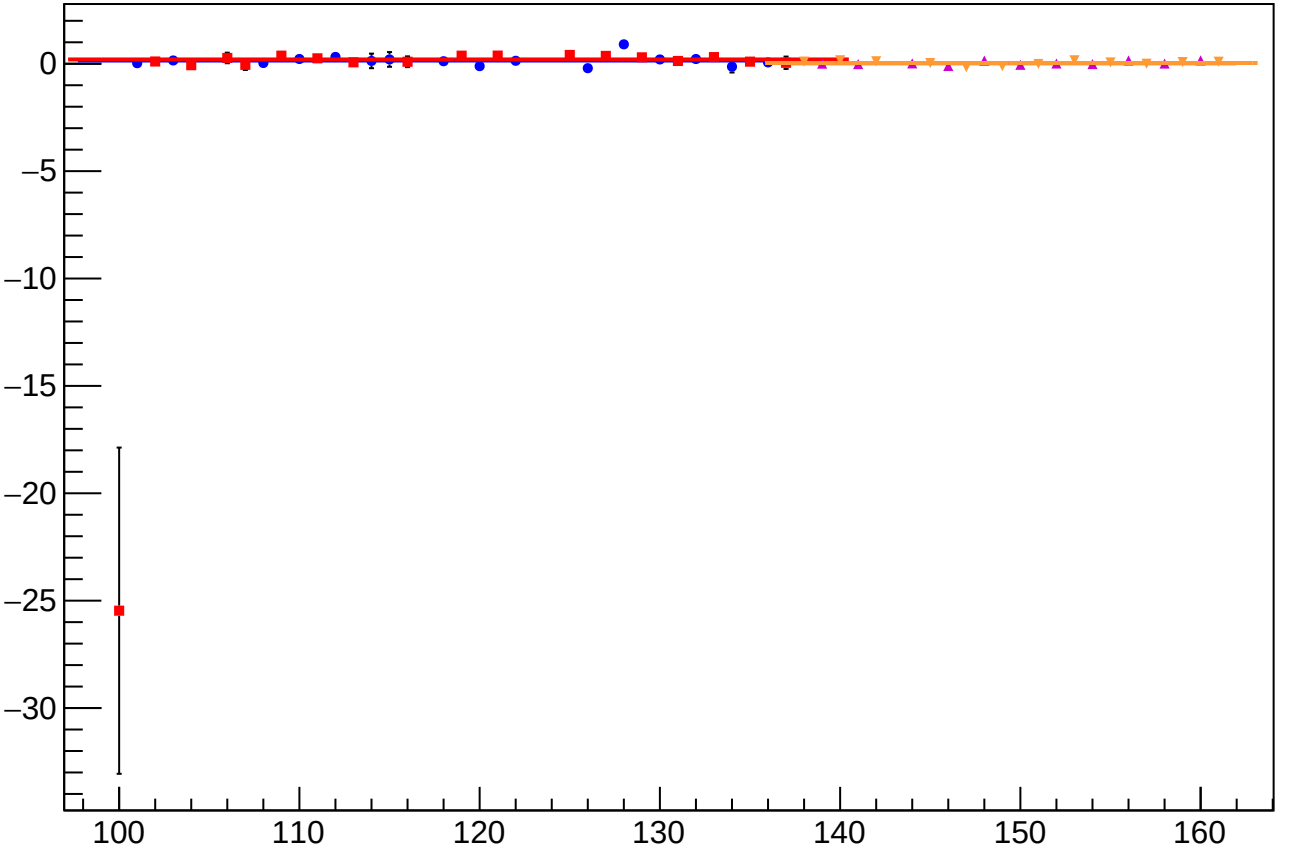
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.037+/-0.015 χ^2/NDF:41.2/26

Out: 0.008+/-0.015 χ^2/NDF:45.0/29

All: 0.023+/-0.010 χ^2/NDF: 88.2/56

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: 0.036+/-0.027 χ^2/NDF:13.7/11

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.026+/-0.027 χ^2/NDF:9.4/10

Left: 0.031+/-0.019 χ^2/NDF: 23.2/22

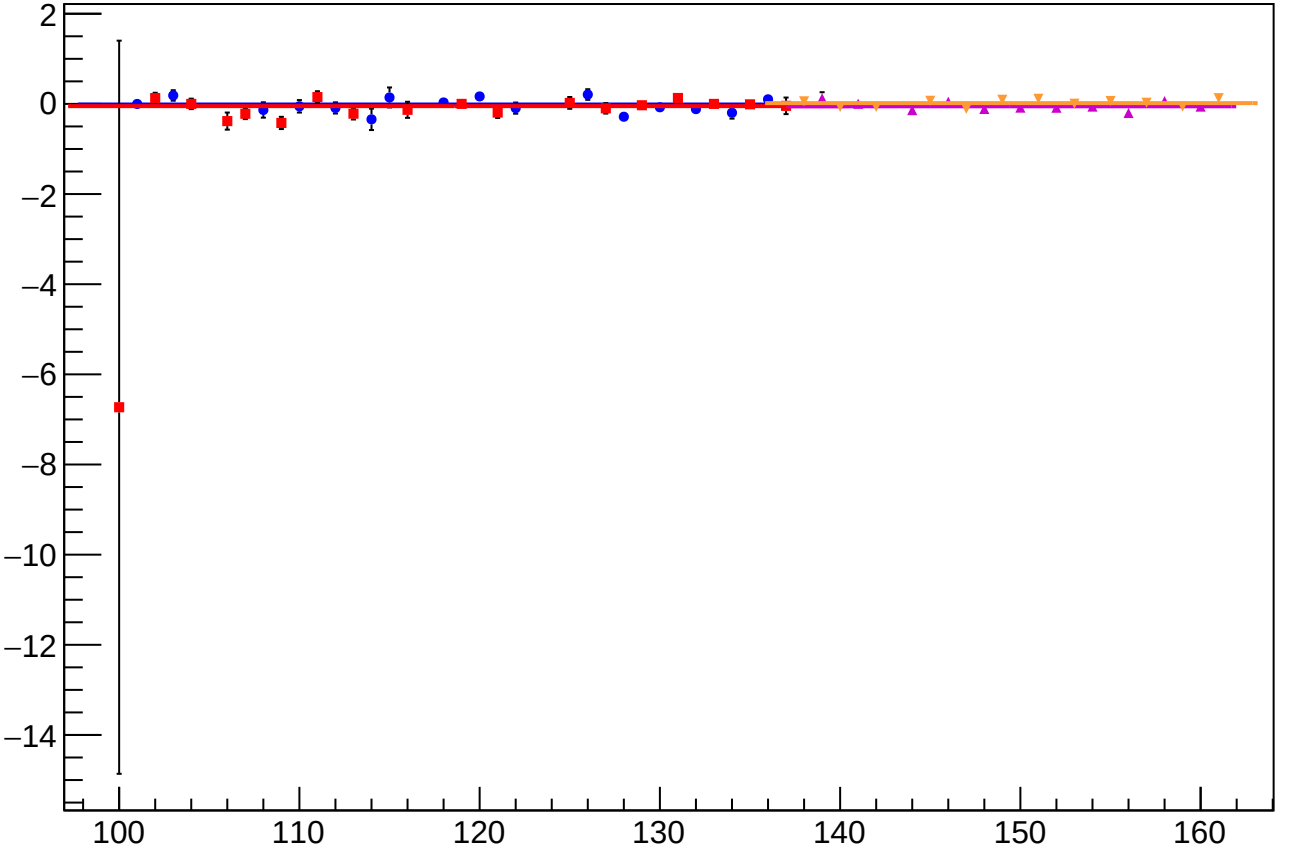
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.061+/-0.023 χ^2/NDF:44.4/26

Out: 0.079+/-0.023 χ^2/NDF:46.5/29

All: 0.070+/-0.016 χ^2/NDF: 91.2/56

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.017+/-0.022 χ^2/NDF:13.4/11

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.054+/-0.023 χ^2/NDF:13.3/10

Left: -0.018+/-0.016 χ^2/NDF: 31.7/22

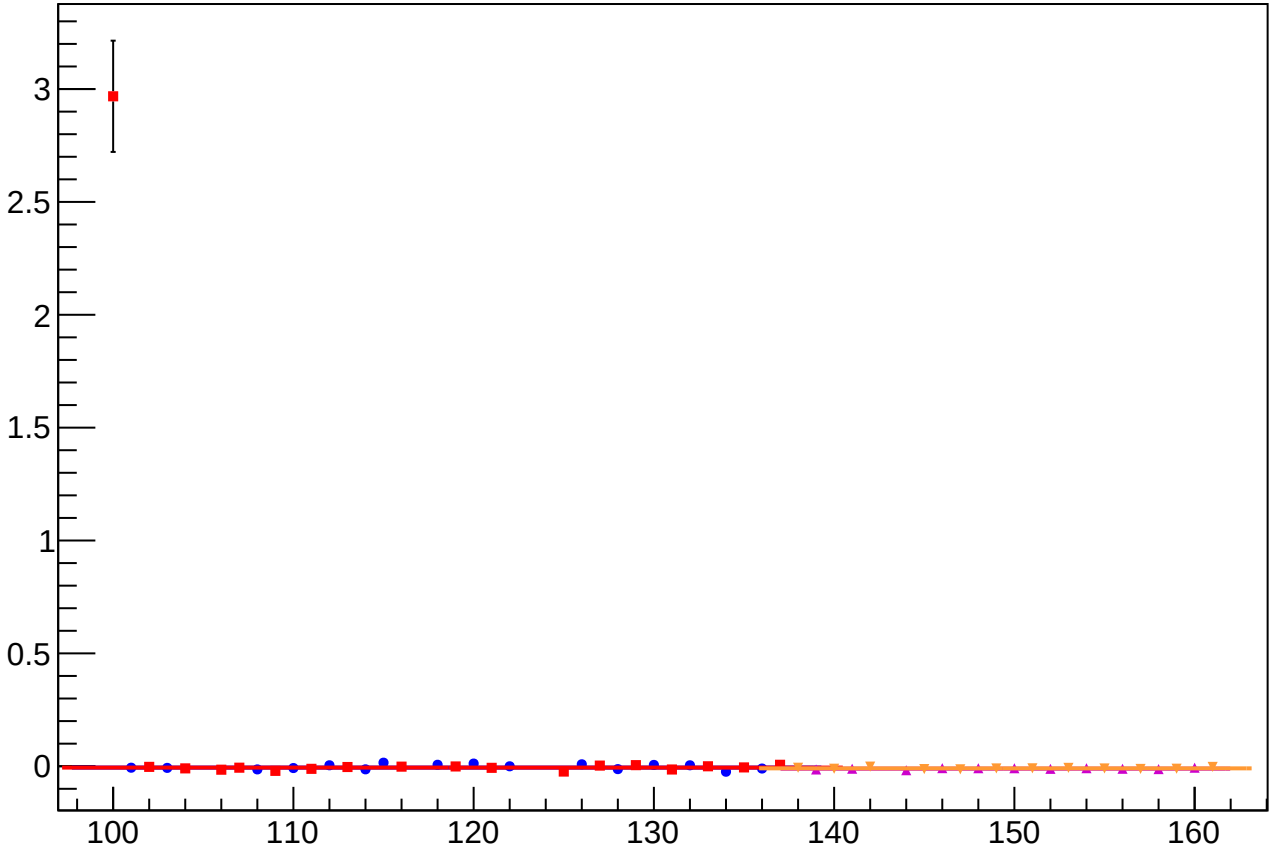
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.037+/-0.017 χ^2/NDF:39.8/26

Out: -0.008+/-0.018 χ^2/NDF:42.6/29

All: -0.023+/-0.012 χ^2/NDF: 83.7/56

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:8.5/11

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.011+/-0.001 χ^2/NDF:7.4/10

Left: -0.010+/-0.001 χ^2/NDF: 16.9/22

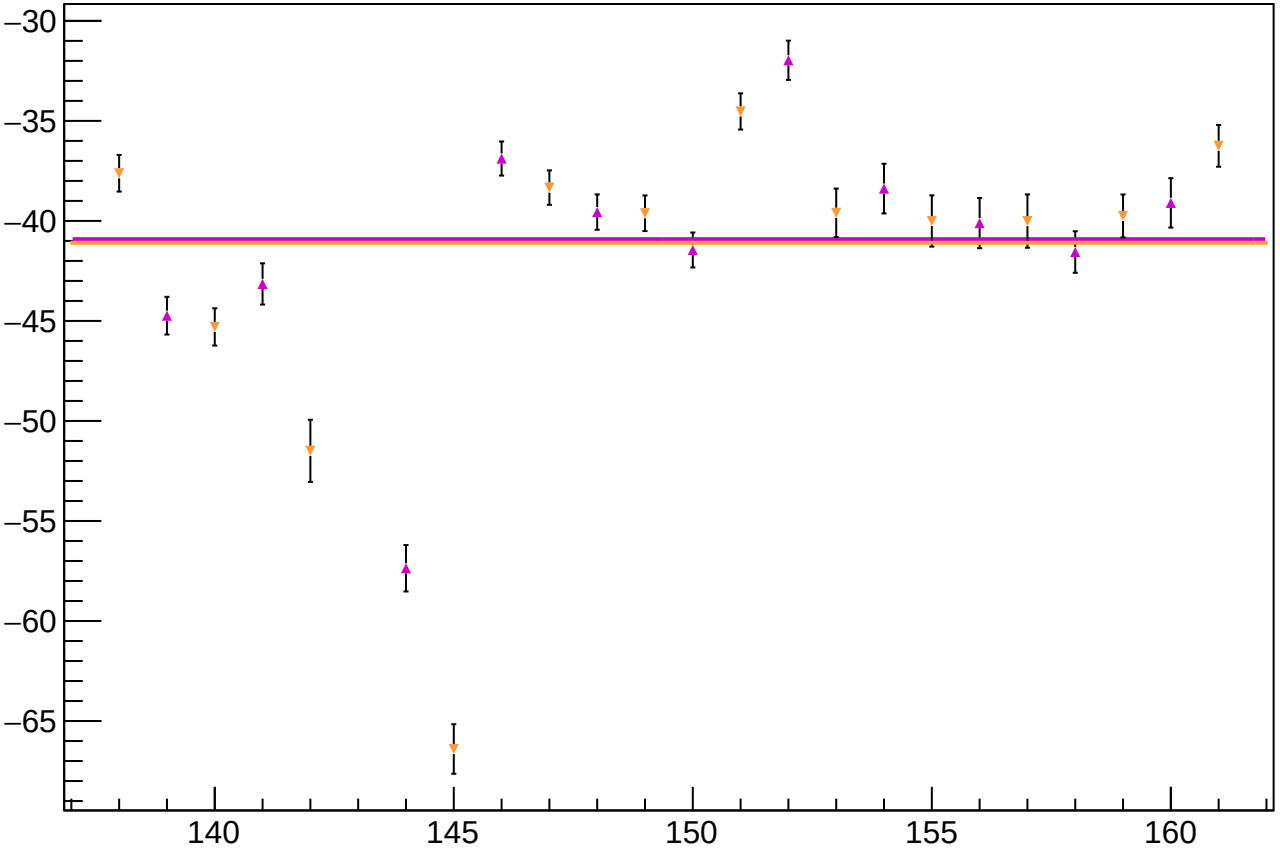
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:43.8/26

Out: -0.008+/-0.001 χ^2/NDF:178.0/29

All: -0.009+/-0.001 χ^2/NDF: 222.4/56

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: -41.092+/-0.303 χ^2/NDF:587.9/11

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

Left In: -40.912+/-0.306 χ^2/NDF:337.6/10

Left: -41.003+/-0.215 χ^2/NDF: 925.7/22

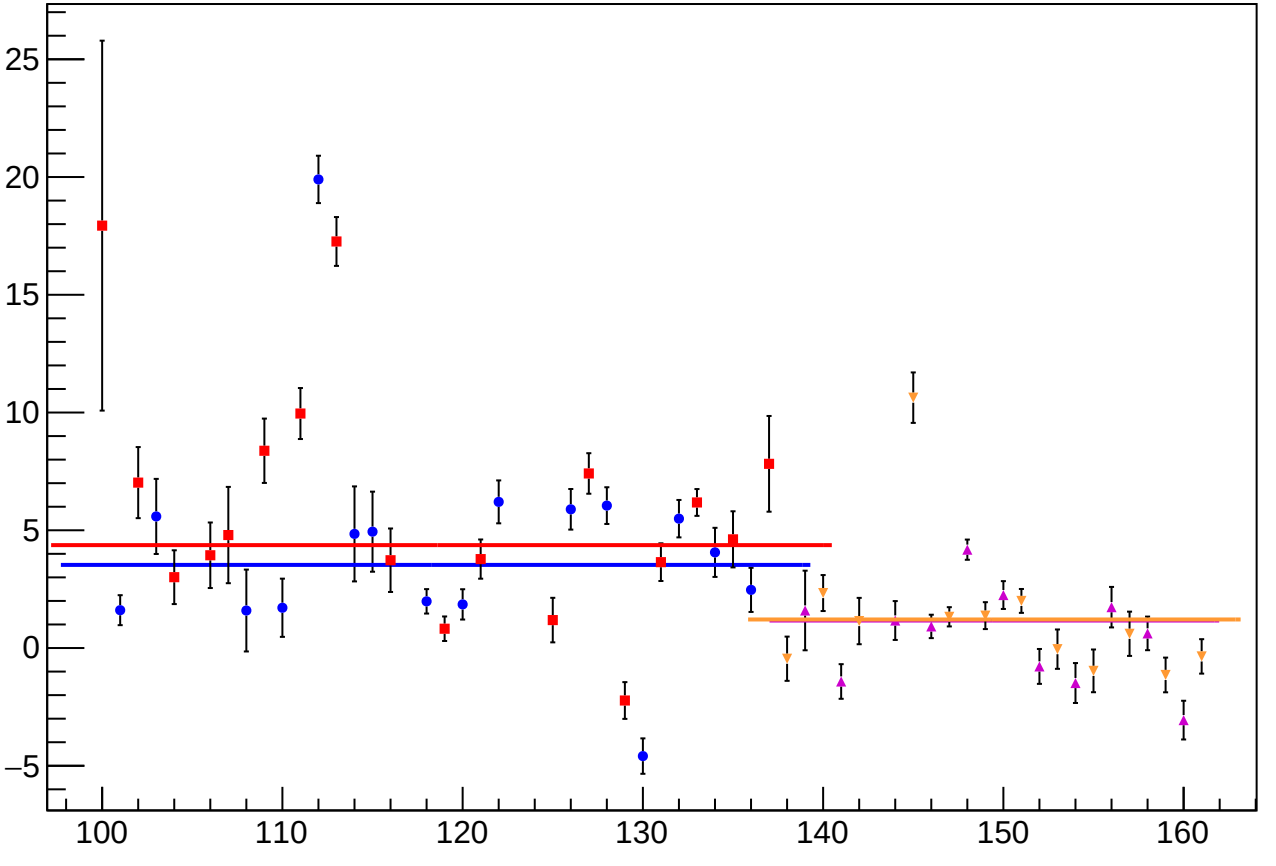
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.912+/-0.306 χ^2/NDF:337.6/10

Out: -41.092+/-0.303 χ^2/NDF:587.9/11

All: -41.003+/-0.215 χ^2/NDF: 925.7/22

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: 1.212+/-0.199 χ^2/NDF:108.5/11

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.167+/-0.204 χ^2/NDF:109.5/10

Left: 1.190+/-0.143 χ^2/NDF: 217.9/22

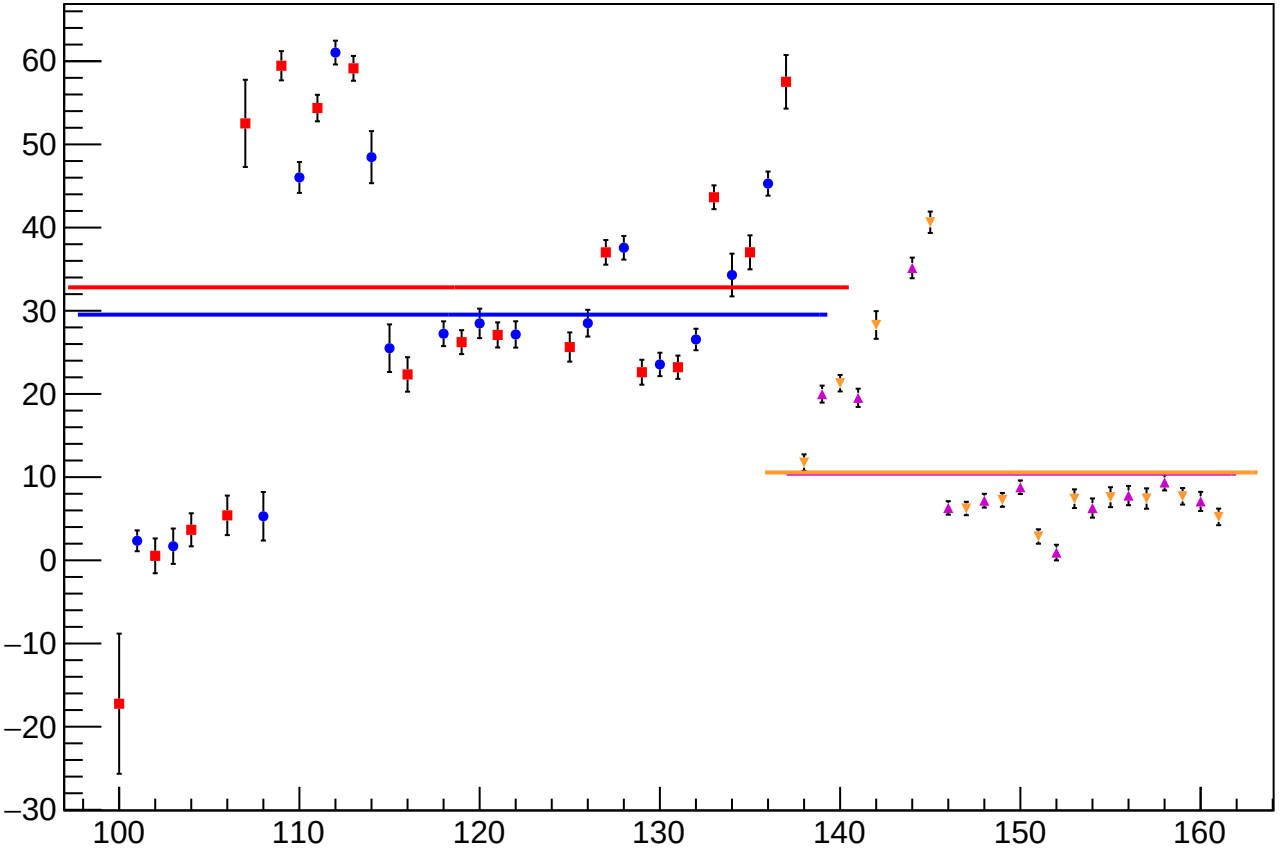
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.274+/-0.149 χ^2/NDF:618.8/26

Out: 2.598+/-0.149 χ^2/NDF:572.4/29

All: 2.435+/-0.105 χ^2/NDF: 1193.6/56

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: 10.562+/-0.295 χ^2/NDF:960.0/11

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 10.414+/-0.296 χ^2/NDF:728.8/10

Left: 10.489+/-0.209 χ^2/NDF: 1689.0/22

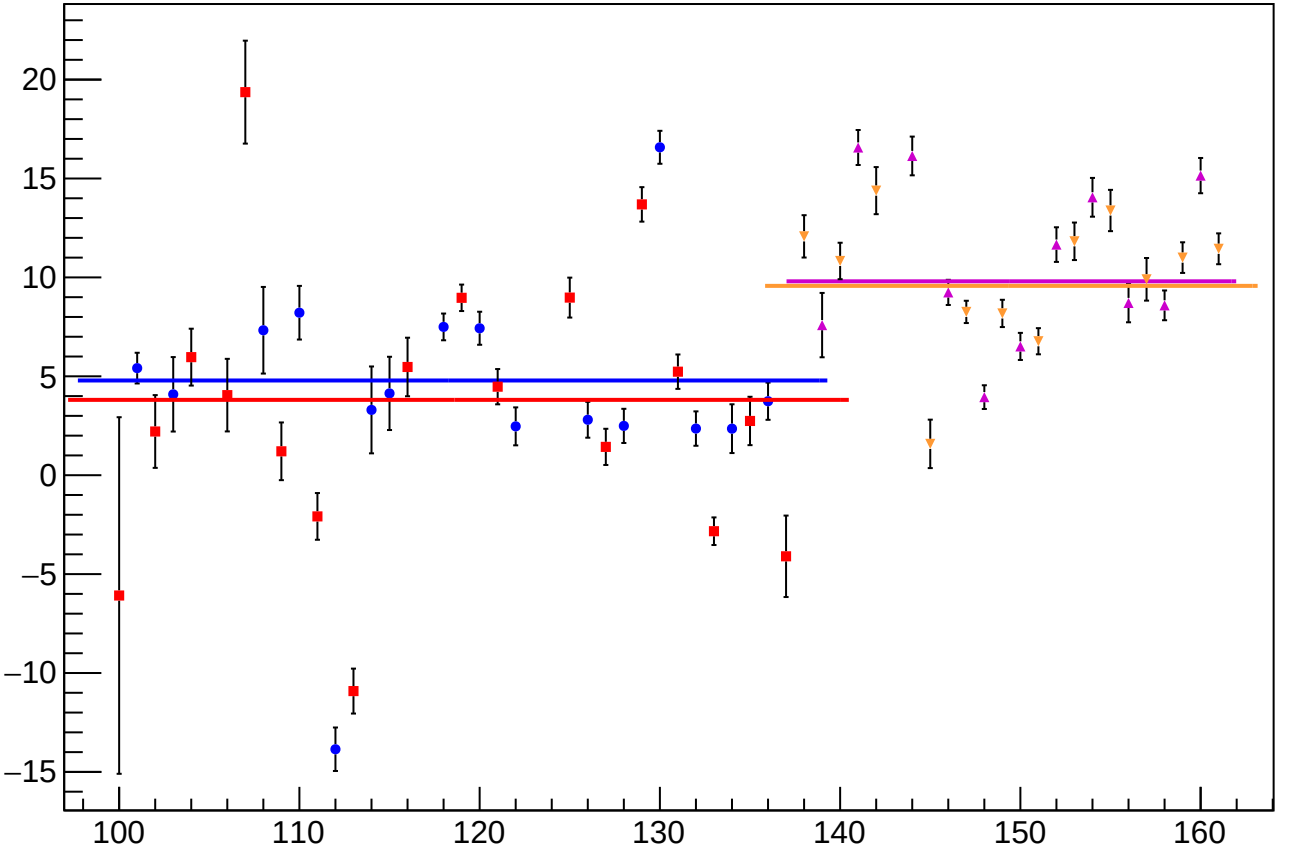
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 16.840+/-0.242 χ^2/NDF:3621.3/26

Out: 17.849+/-0.242 χ^2/NDF:4482.2/29

All: 17.343+/-0.171 χ^2/NDF: 8112.2/56

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: 9.572+/-0.241 χ^2/NDF:121.9/11

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.803+/-0.246 χ^2/NDF:284.5/10

Left: 9.685+/-0.172 χ^2/NDF: 406.9/22

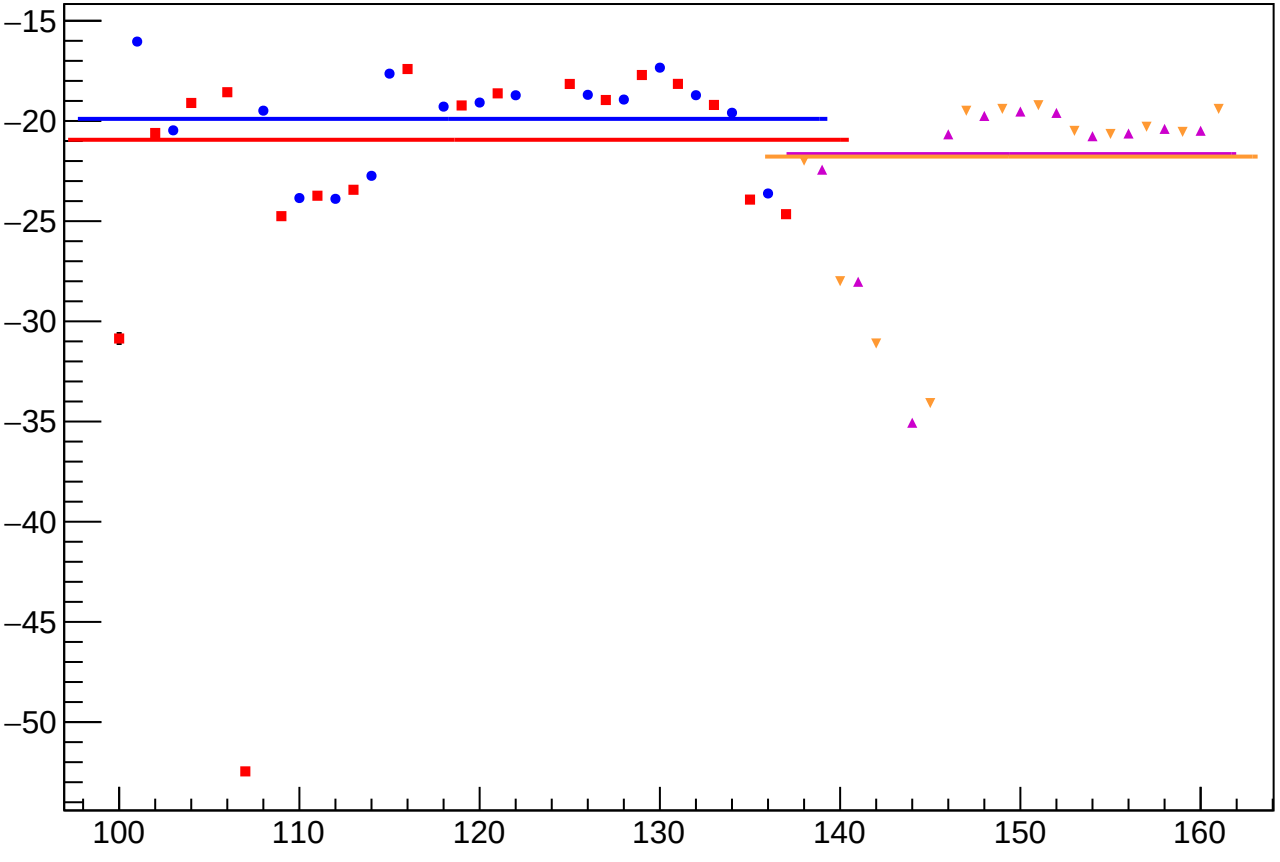
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 7.346+/-0.176 χ^2/NDF:1041.6/26

Out: 6.892+/-0.177 χ^2/NDF:954.7/29

All: 7.120+/-0.125 χ^2/NDF: 1999.7/56

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: -21.777+/-0.012 χ^2/NDF:119488.3/11

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -21.653+/-0.012 χ^2/NDF:95367.7/10

Left: -21.715+/-0.008 χ^2/NDF: 214912.4/22

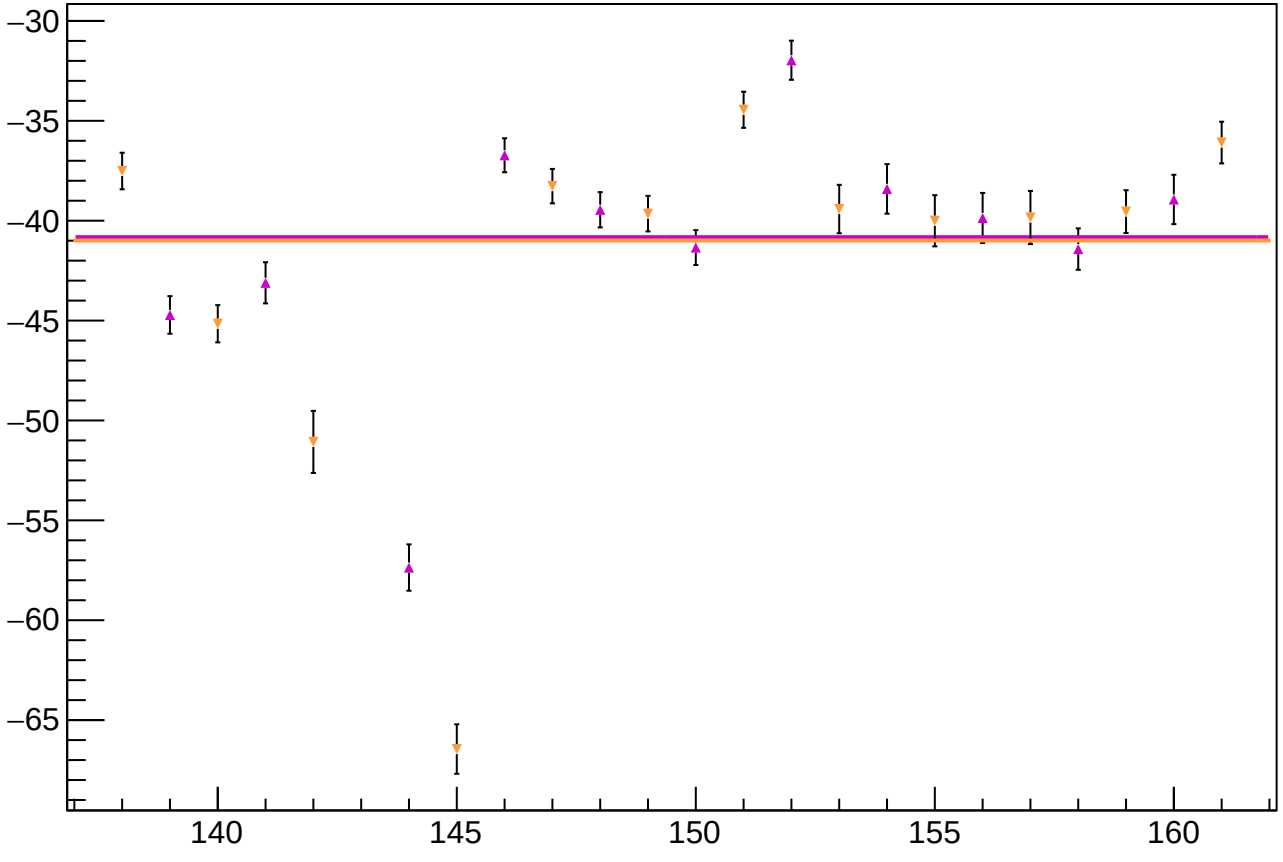
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -21.022+/-0.009 χ^2/NDF:129612.6/26

Out: -21.477+/-0.009 χ^2/NDF:215384.6/29

All: -21.248+/-0.007 χ^2/NDF: 346180.2/56

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: -40.989+/-0.303 χ^2/NDF:590.4/11

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

Left In: -40.825+/-0.306 χ^2/NDF:340.1/10

Left: -40.908+/-0.215 χ^2/NDF: 930.7/22

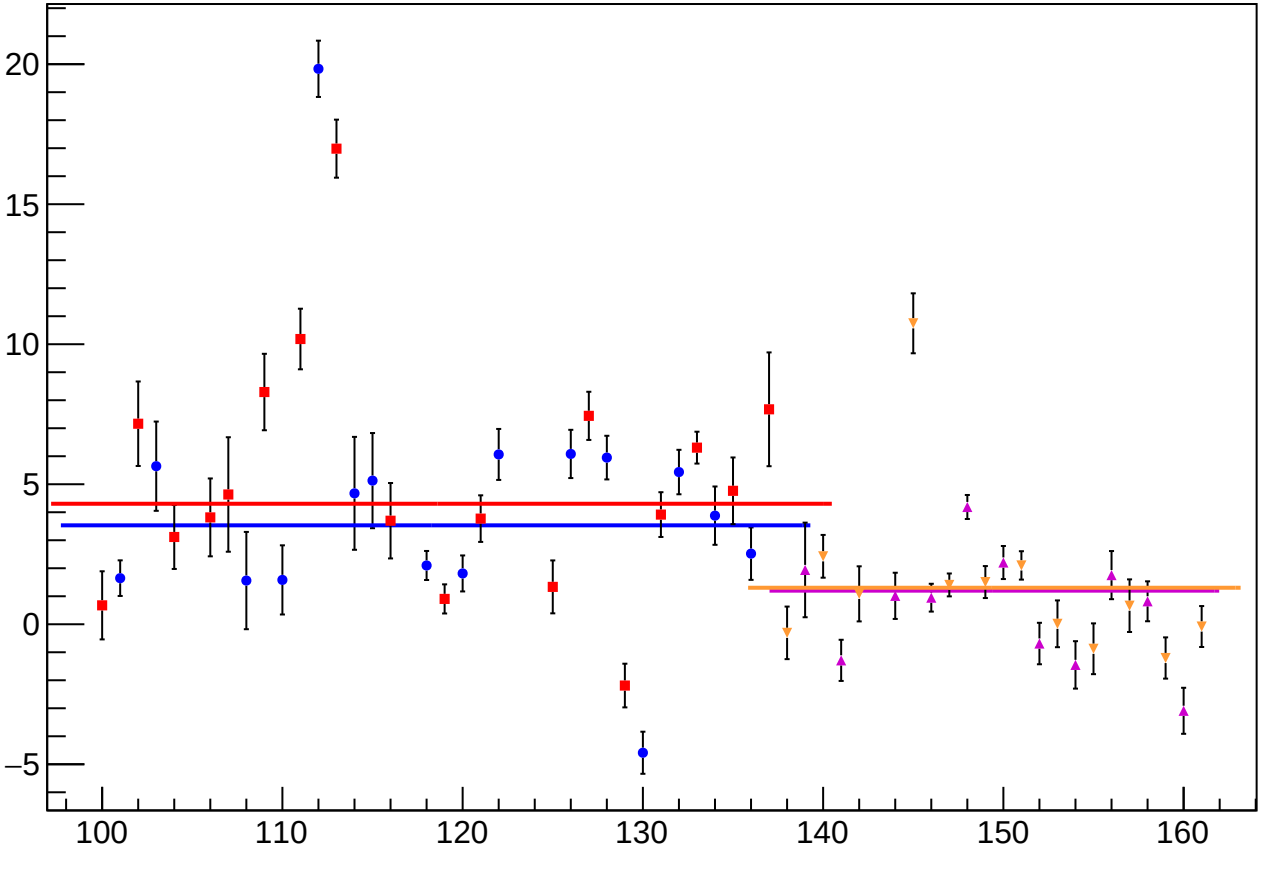
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.825+/-0.306 χ^2/NDF:340.1/10

Out: -40.989+/-0.303 χ^2/NDF:590.4/11

All: -40.908+/-0.215 χ^2/NDF: 930.7/22

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: 1.304+/-0.199 χ^2/NDF:109.4/11

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.200+/-0.204 χ^2/NDF:107.7/10

Left: 1.253+/-0.142 χ^2/NDF: 217.2/22

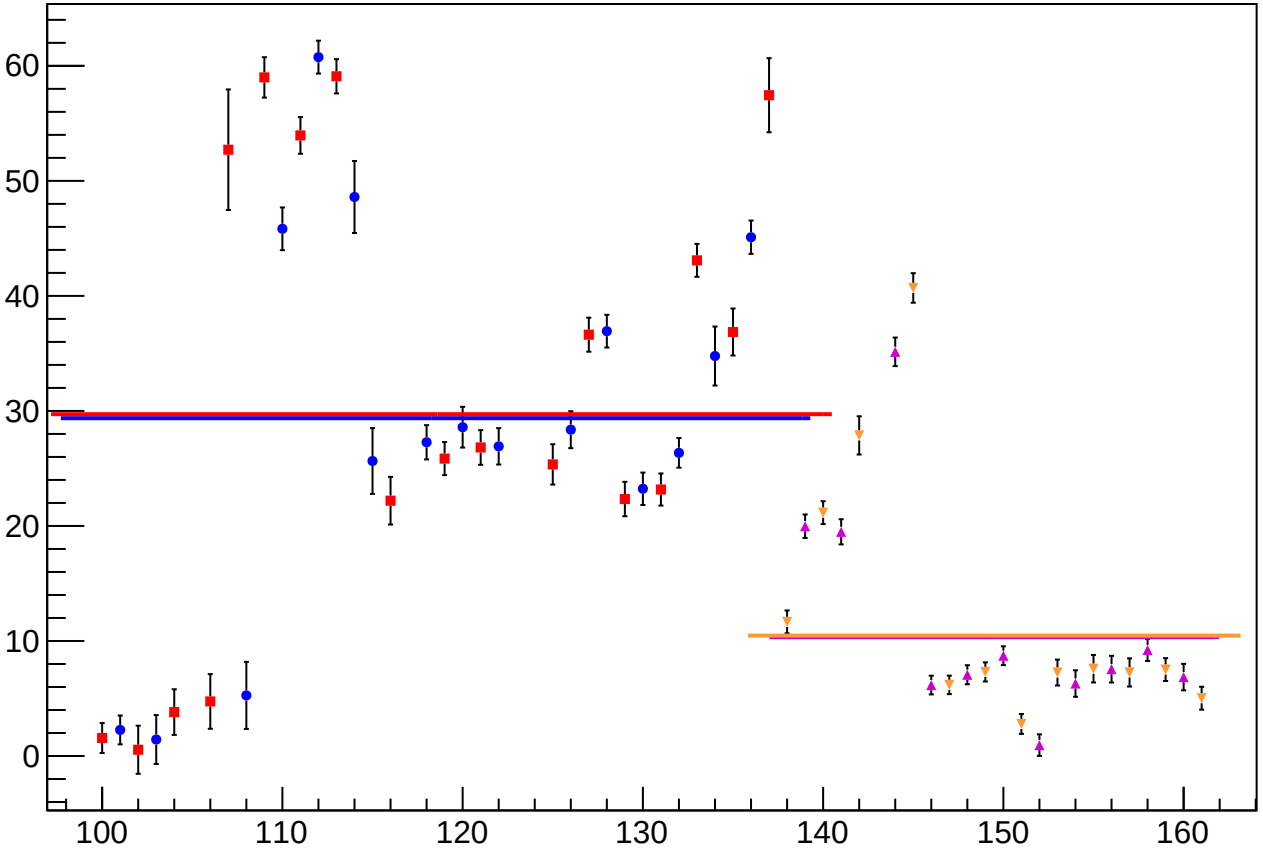
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.293+/-0.149 χ^2/NDF:612.2/26

Out: 2.644+/-0.148 χ^2/NDF:563.6/29

All: 2.469+/-0.105 χ^2/NDF: 1178.6/56

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: 10.469+/-0.295 χ^2/NDF:961.0/11

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 10.329+/-0.296 χ^2/NDF:733.6/10

Left: 10.400+/-0.209 χ^2/NDF: 1694.7/22

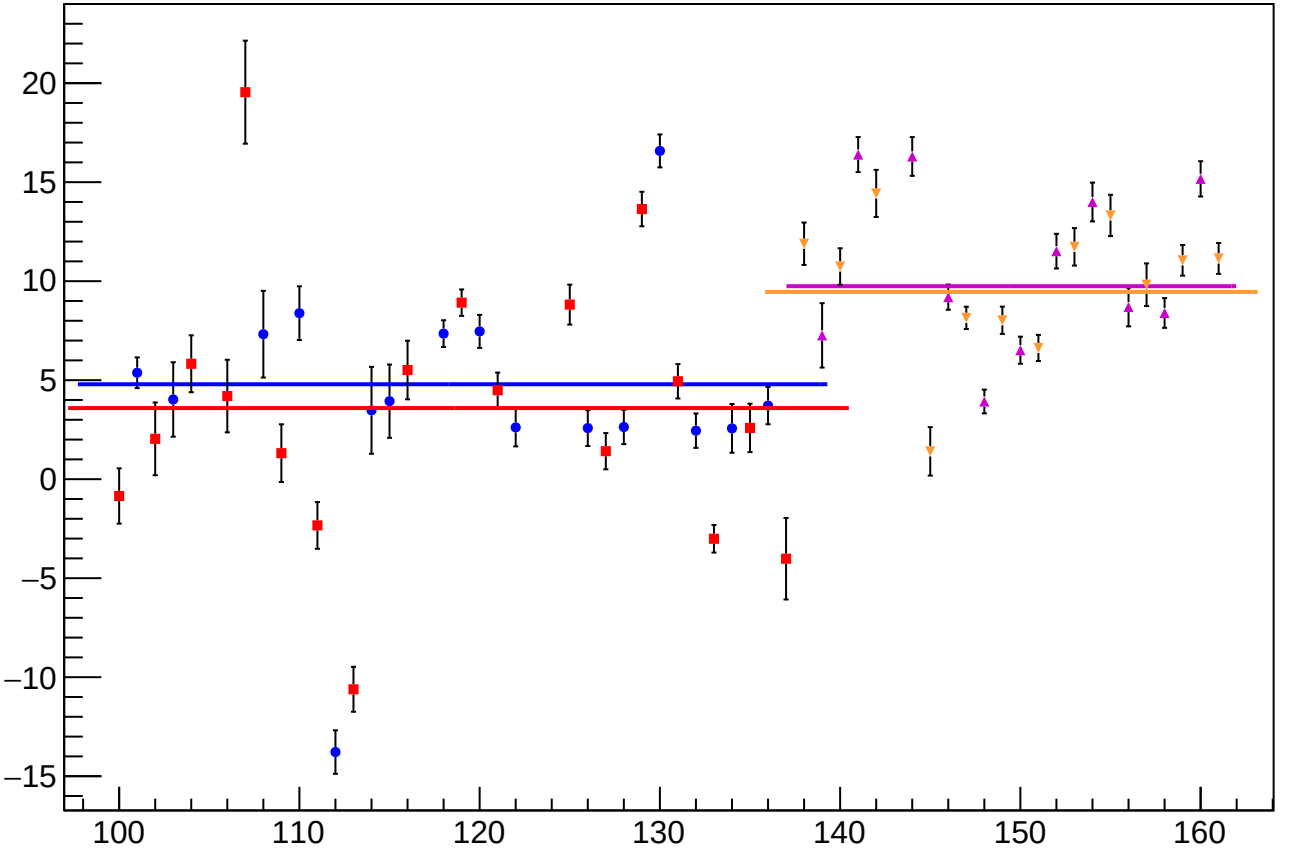
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 16.727+/-0.241 χ^2/NDF:3609.6/26

Out: 17.193+/-0.238 χ^2/NDF:4579.2/29

All: 16.963+/-0.169 χ^2/NDF: 8190.7/56

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: 9.456+/-0.241 χ^2/NDF:124.5/11

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.746+/-0.246 χ^2/NDF:285.6/10

Left: 9.598+/-0.172 χ^2/NDF: 410.8/22

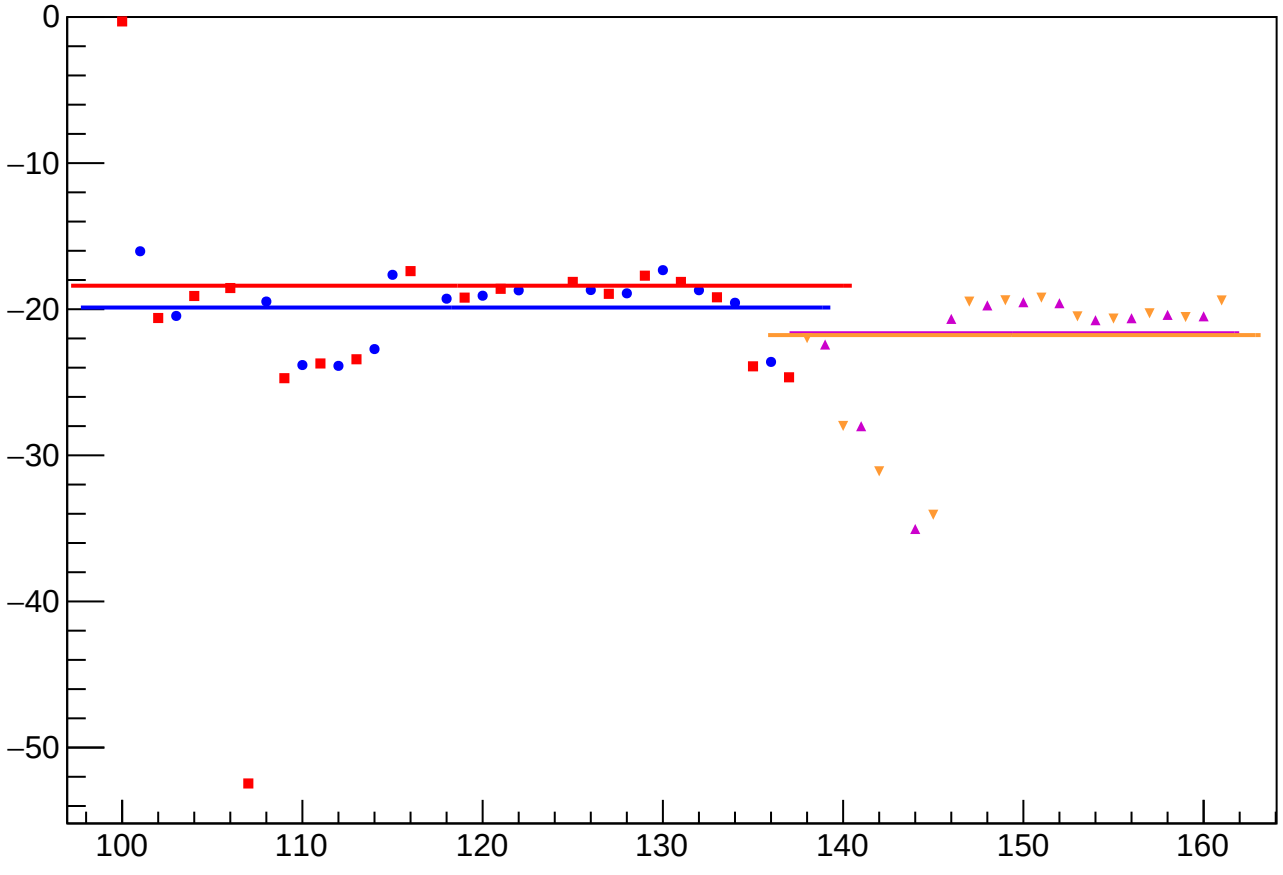
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 7.320+/-0.176 χ^2/NDF:1034.0/26

Out: 6.681+/-0.175 χ^2/NDF:977.7/29

All: 6.999+/-0.124 χ^2/NDF: 2018.3/56

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: -21.770+/-0.012 χ^2/NDF:119538.5/11

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -21.643+/-0.012 χ^2/NDF:95303.7/10

Left: -21.706+/-0.008 χ^2/NDF: 214900.9/22

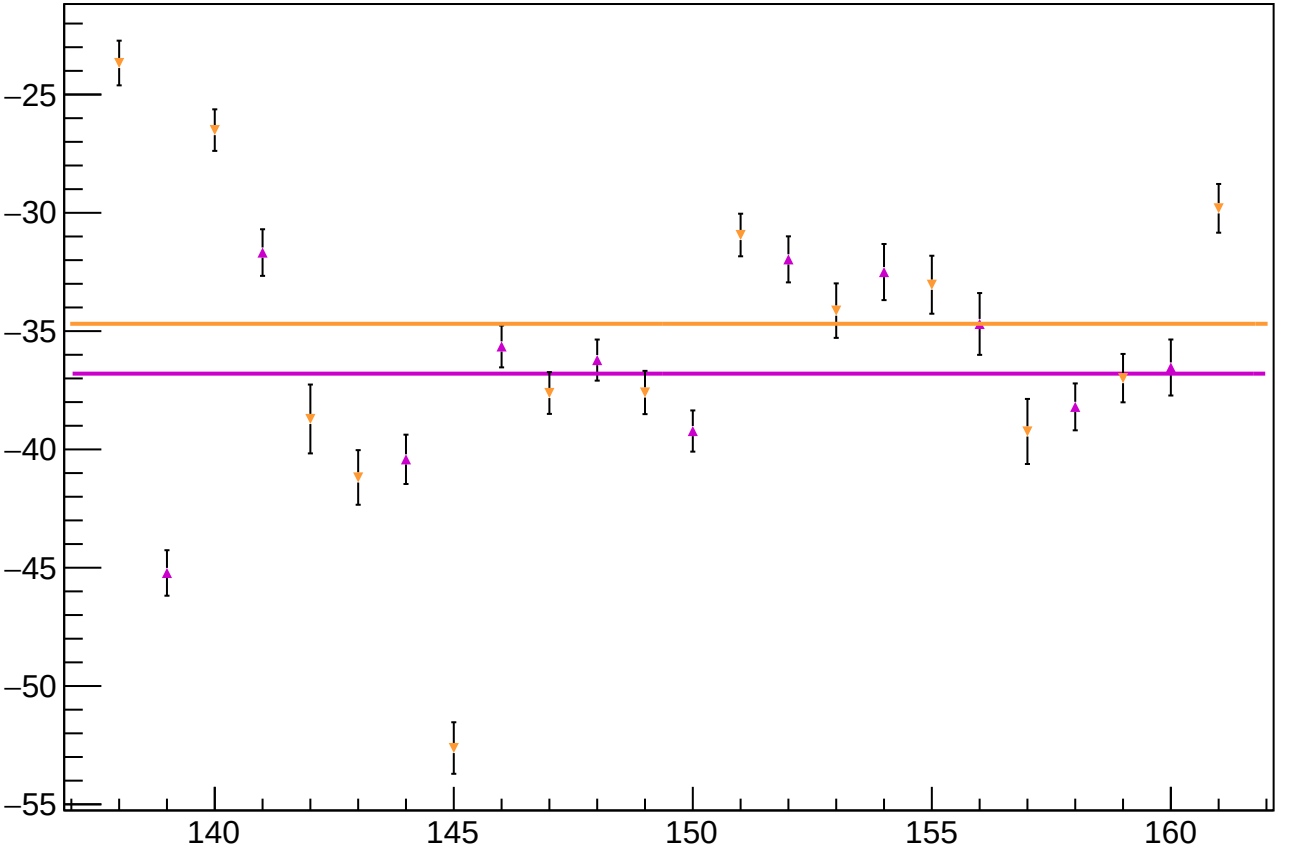
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -21.011+/-0.009 χ^2/NDF:129565.6/26

Out: -20.460+/-0.009 χ^2/NDF:453006.5/29

All: -20.731+/-0.007 χ^2/NDF: 584343.0/56

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: -34.690+/-0.288 χ^2/NDF:612.3/12

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

Left In: -36.797+/-0.301 χ^2/NDF:168.0/10

Left: -35.697+/-0.208 χ^2/NDF: 806.0/23

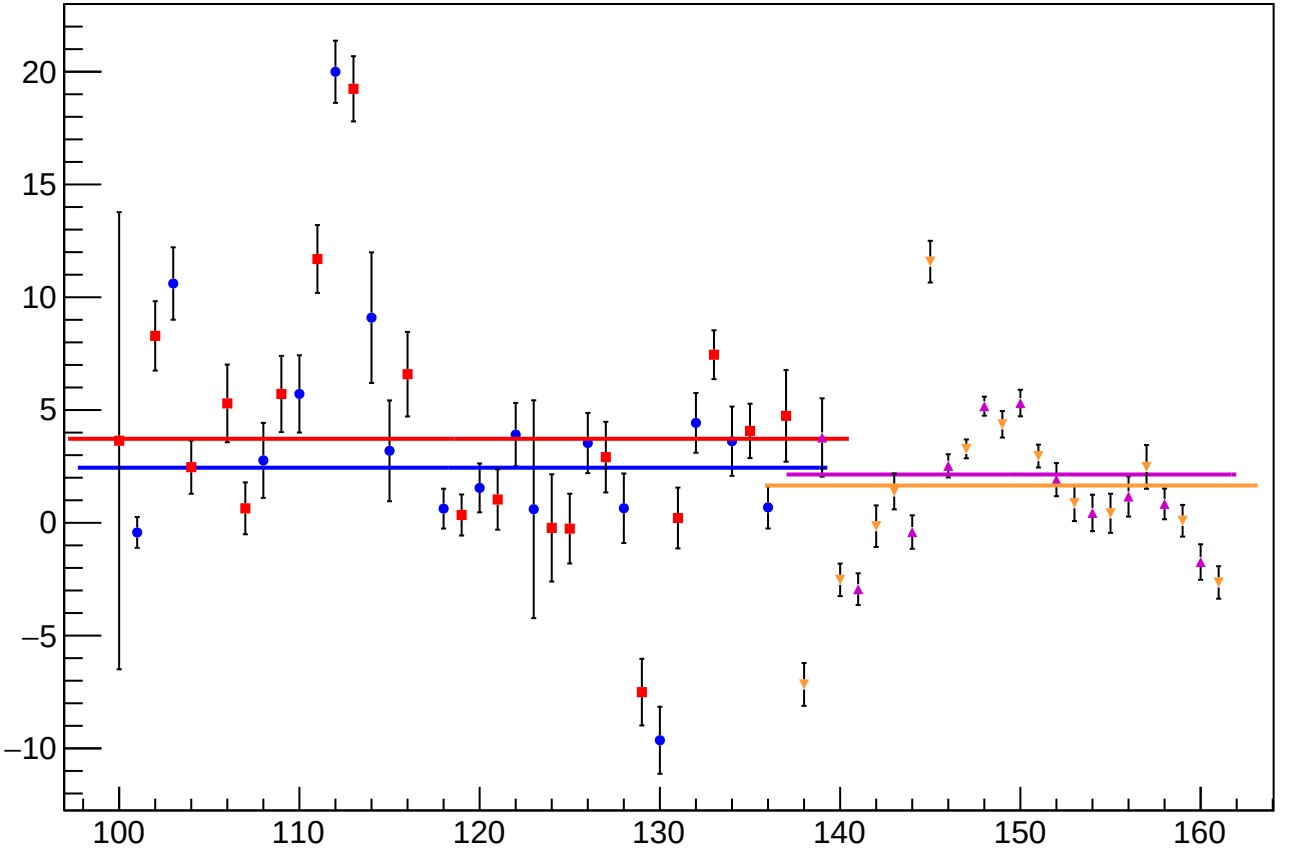
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.797+/-0.301 χ^2/NDF:168.0/10

Out: -34.690+/-0.288 χ^2/NDF:612.3/12

All: -35.697+/-0.208 χ^2/NDF: 806.0/23

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 1.656+/-0.191 χ^2/NDF:326.5/12

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 2.142+/-0.201 χ^2/NDF:179.9/10

Left: 1.887+/-0.138 χ^2/NDF: 509.5/23

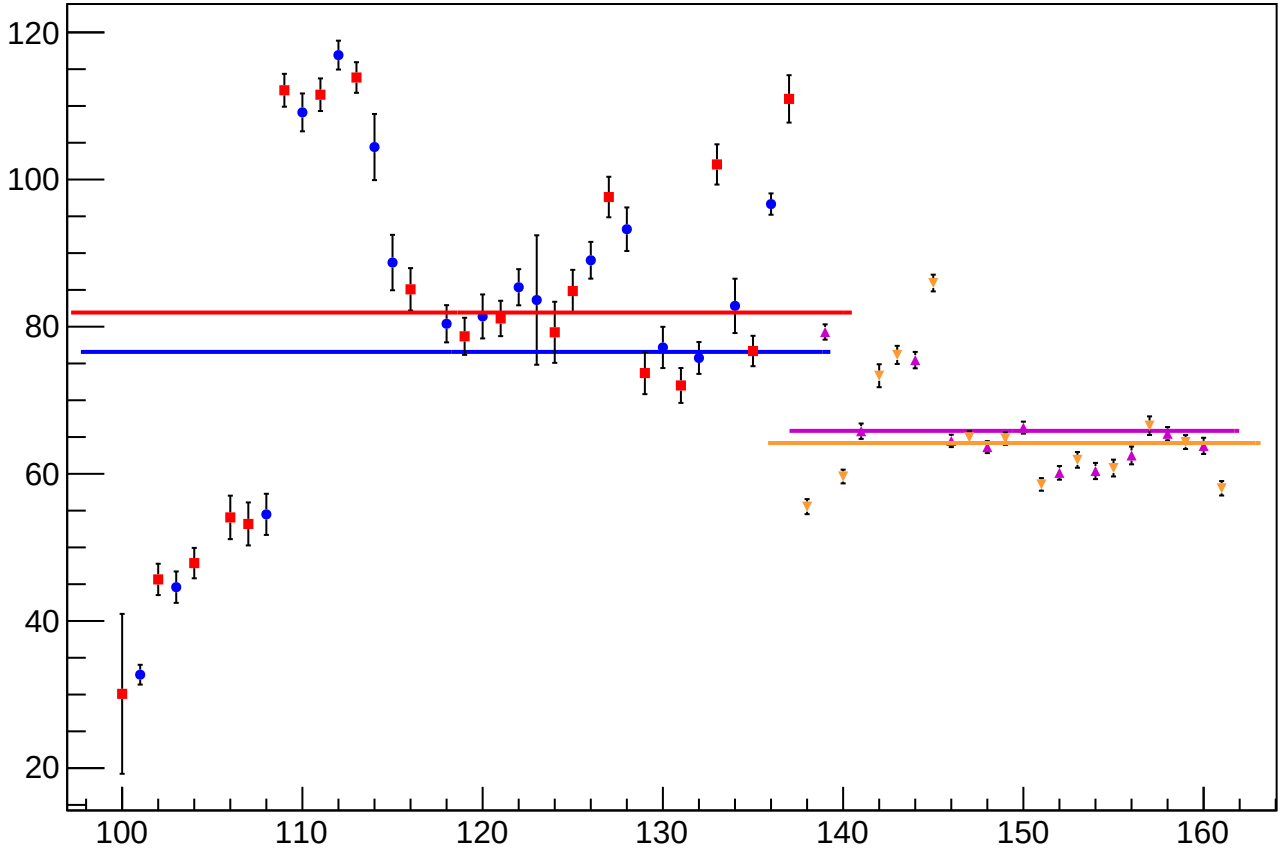
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 2.231+/-0.169 χ^2/NDF:475.9/27

Out: 2.182+/-0.165 χ^2/NDF:625.5/31

All: 2.206+/-0.118 χ^2/NDF: 1101.5/59

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: 64.190+/-0.282 χ^2/NDF:690.0/12

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 65.842+/-0.292 χ^2/NDF:324.4/10

Left: 64.988+/-0.203 χ^2/NDF: 1030.9/23

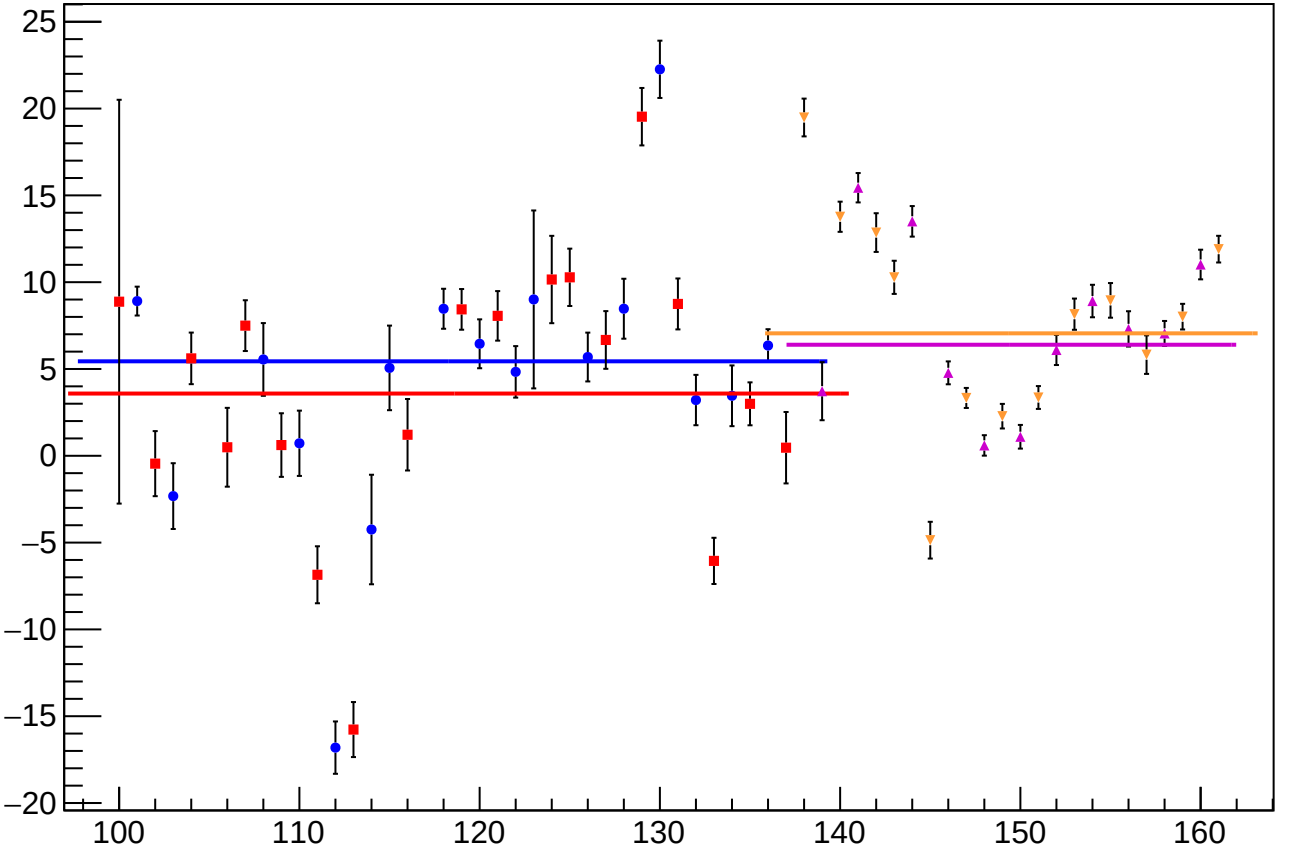
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 68.052+/-0.260 χ^2/NDF:2856.2/27

Out: 67.476+/-0.255 χ^2/NDF:2991.8/31

All: 67.758+/-0.182 χ^2/NDF: 5850.5/59

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 7.053+/-0.230 χ^2/NDF:521.9/12

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 6.396+/-0.242 χ^2/NDF:383.6/10

Left: 6.741+/-0.167 χ^2/NDF: 909.4/23

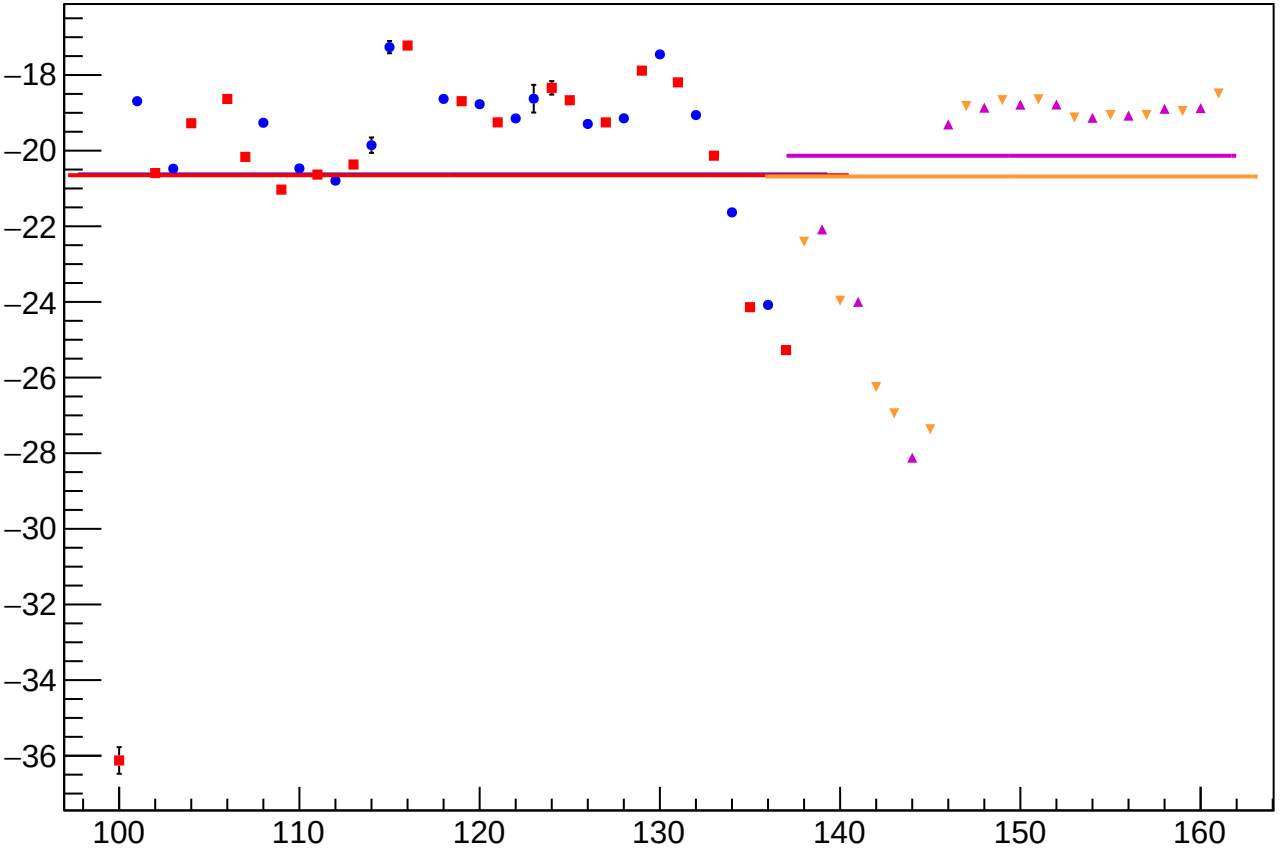
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 6.097+/-0.200 χ^2/NDF:776.0/27

Out: 6.104+/-0.196 χ^2/NDF:1007.2/31

All: 6.101+/-0.140 χ^2/NDF: 1783.2/59

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: -20.683+/-0.011 χ^2/NDF:73629.7/12

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -20.135+/-0.011 χ^2/NDF:46319.3/10

Left: -20.416+/-0.008 χ^2/NDF: 121117.2/23

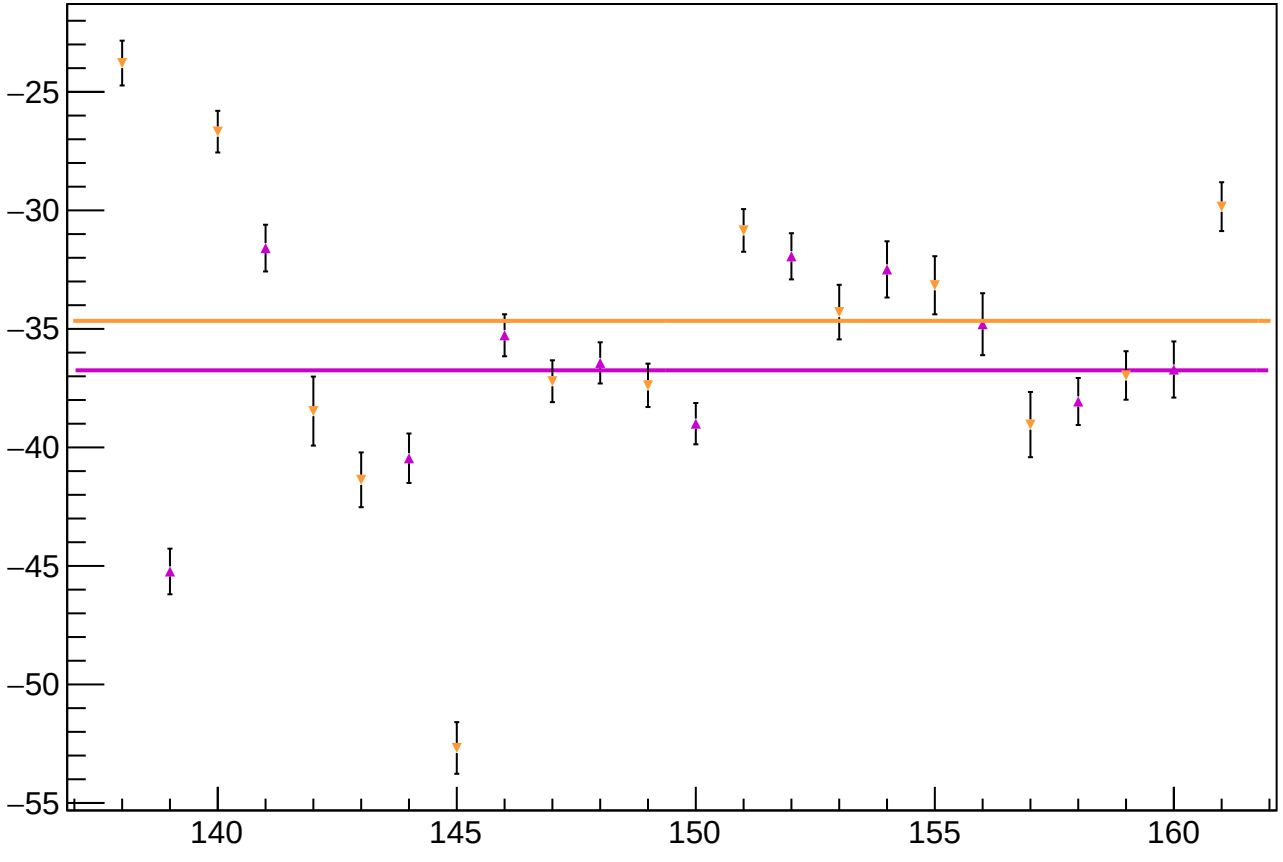
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -20.265+/-0.010 χ^2/NDF:59297.7/27

Out: -20.675+/-0.010 χ^2/NDF:87517.6/31

All: -20.473+/-0.007 χ^2/NDF: 147693.7/59

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: -34.661+/-0.288 χ^2/NDF:602.6/12

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

Left In: -36.748+/-0.301 χ^2/NDF:168.6/10

Left: -35.659+/-0.208 χ^2/NDF: 796.2/23

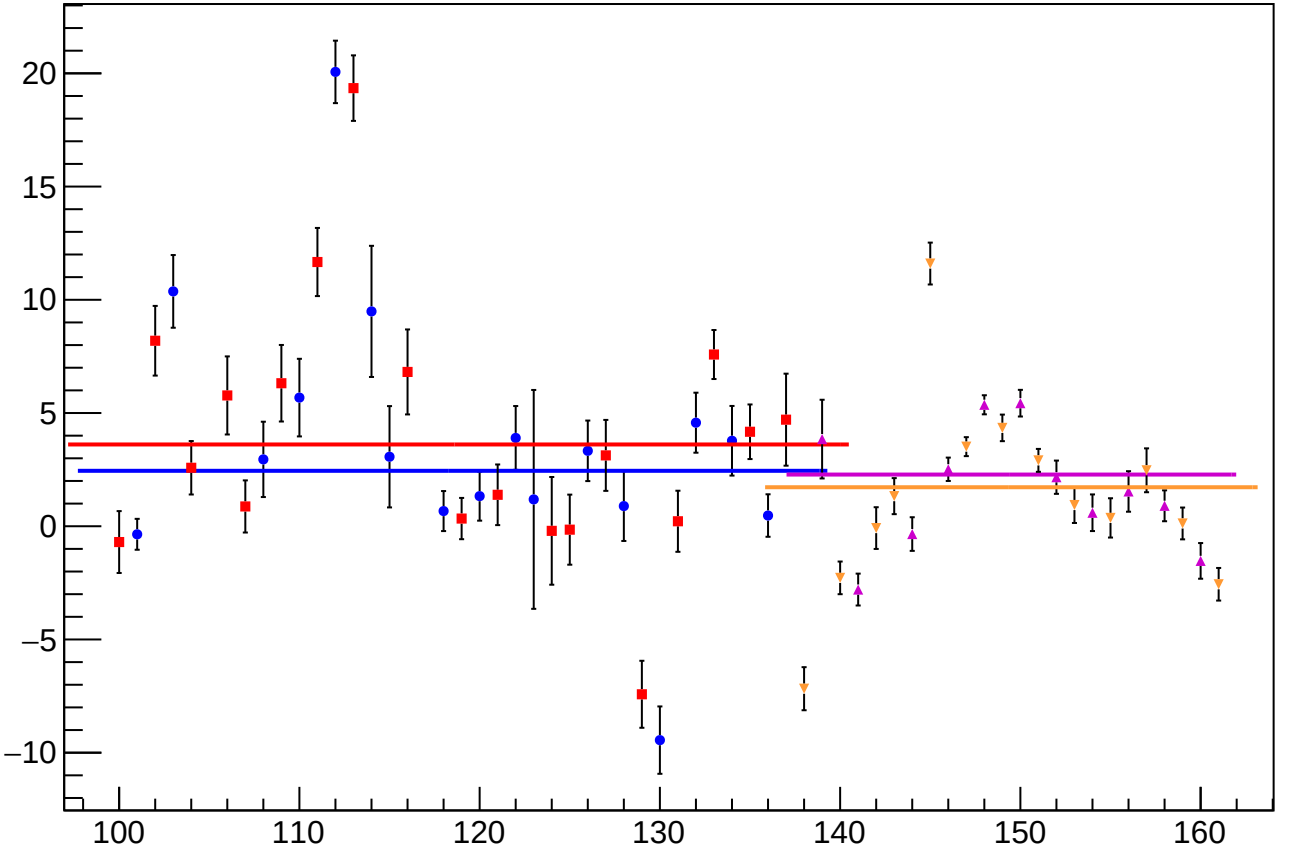
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.748+/-0.301 χ^2/NDF:168.6/10

Out: -34.661+/-0.288 χ^2/NDF:602.6/12

All: -35.659+/-0.208 χ^2/NDF: 796.2/23

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: 1.722+/-0.191 χ^2/NDF:324.9/12

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 2.282+/-0.201 χ^2/NDF:180.3/10

Left: 1.988+/-0.138 χ^2/NDF: 509.3/23

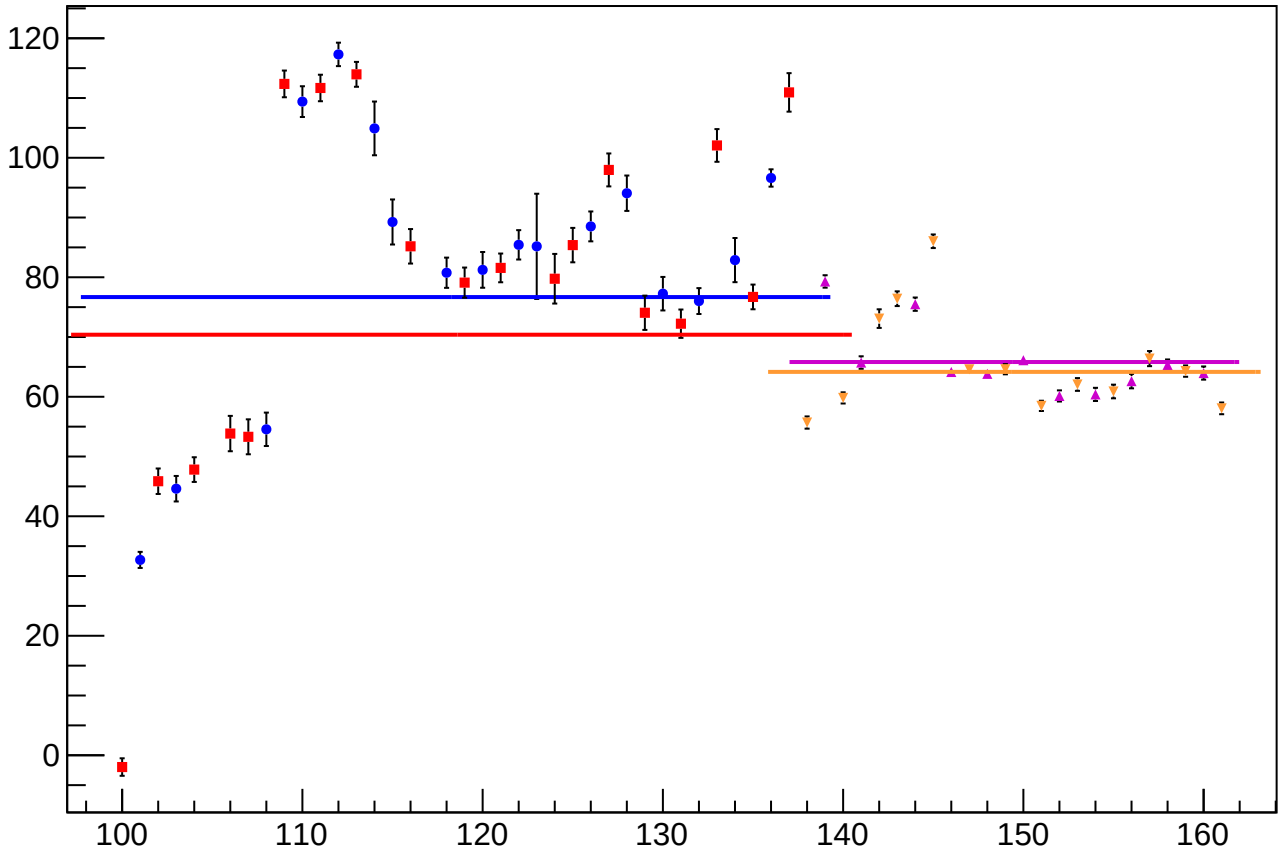
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 2.331+/-0.169 χ^2/NDF:473.9/27

Out: 2.223+/-0.164 χ^2/NDF:630.2/31

All: 2.275+/-0.117 χ^2/NDF: 1104.3/59

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: 64.165+/-0.282 χ^2/NDF:688.7/12

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 65.816+/-0.292 χ^2/NDF:324.0/10

Left: 64.962+/-0.203 χ^2/NDF: 1029.2/23

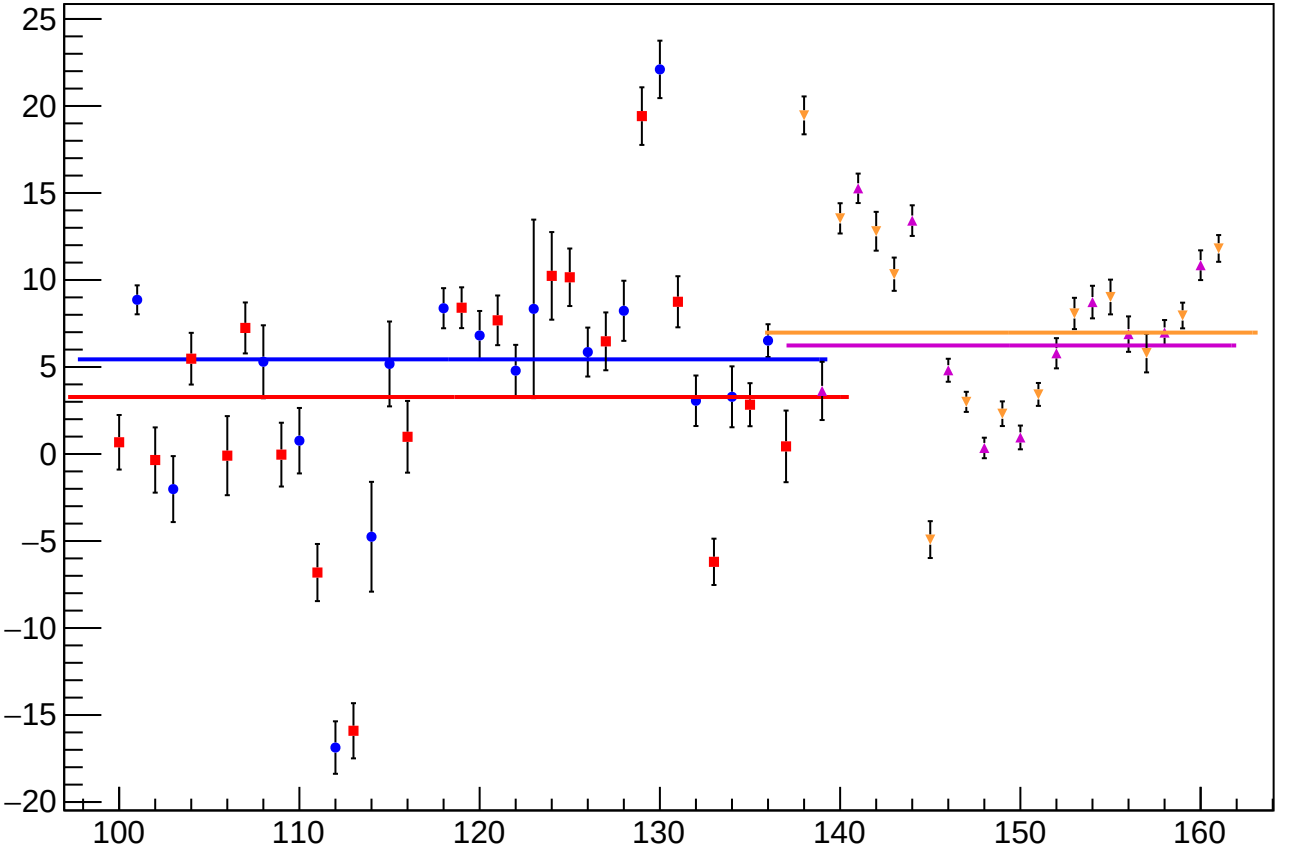
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 68.056+/-0.260 χ^2/NDF:2874.3/27

Out: 65.464+/-0.251 χ^2/NDF:5181.2/31

All: 66.714+/-0.181 χ^2/NDF: 8106.7/59

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: 6.976+/-0.230 χ^2/NDF:522.3/12

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 6.237+/-0.242 χ^2/NDF:385.0/10

Left: 6.624+/-0.167 χ^2/NDF: 912.3/23

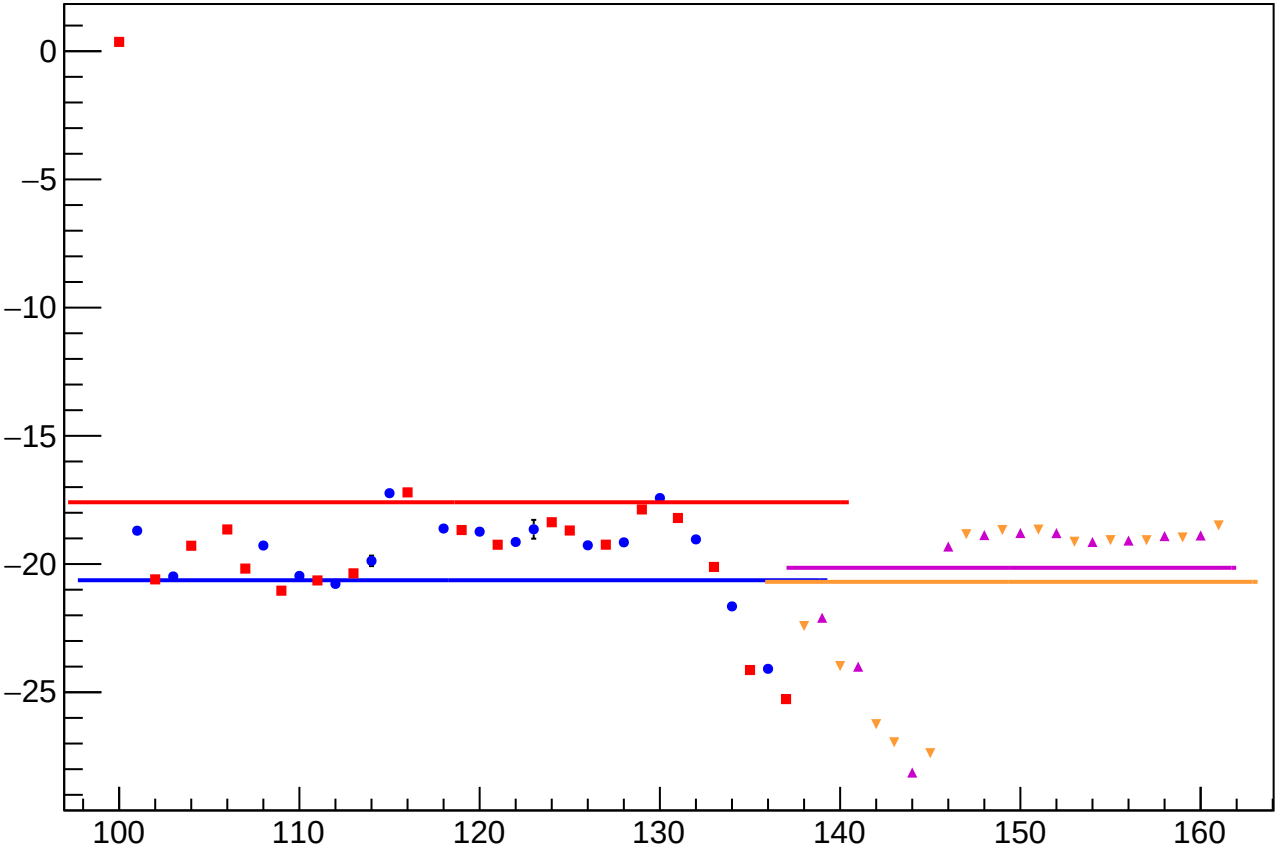
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 5.986+/-0.200 χ^2/NDF:774.4/27

Out: 5.923+/-0.195 χ^2/NDF:1021.5/31

All: 5.954+/-0.140 χ^2/NDF: 1796.0/59

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: -20.693+/-0.011 χ^2/NDF:73477.9/12

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -20.146+/-0.011 χ^2/NDF:46248.9/10

Left: -20.426+/-0.008 χ^2/NDF: 120888.8/23

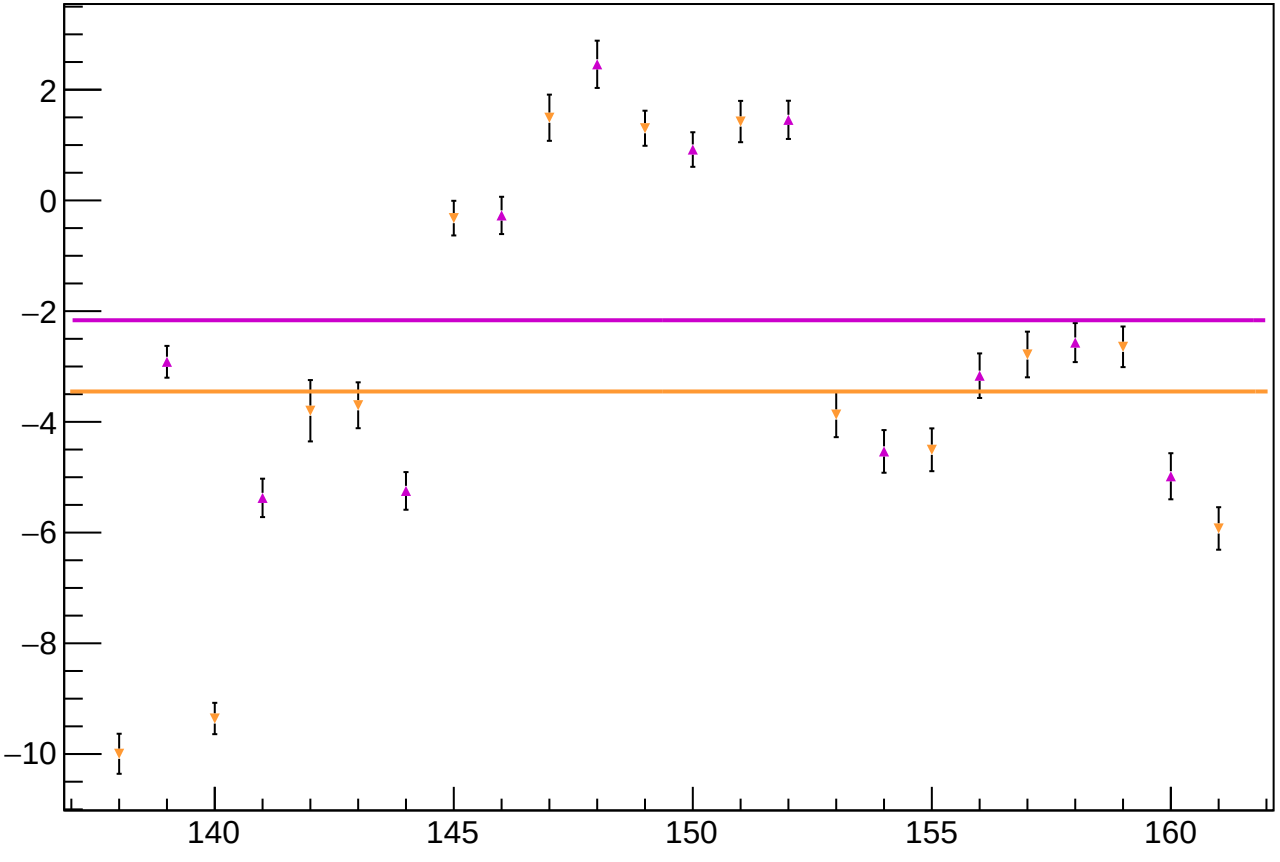
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -20.273+/-0.010 χ^2/NDF:59247.5/27

Out: -19.827+/-0.010 χ^2/NDF:273538.7/31

All: -20.042+/-0.007 χ^2/NDF: 333844.2/59

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -3.451+/-0.103 χ^2/NDF:1458.0/12

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

Left In: -2.165+/-0.106 χ^2/NDF:621.9/10

Left: -2.830+/-0.074 χ^2/NDF: 2155.9/23

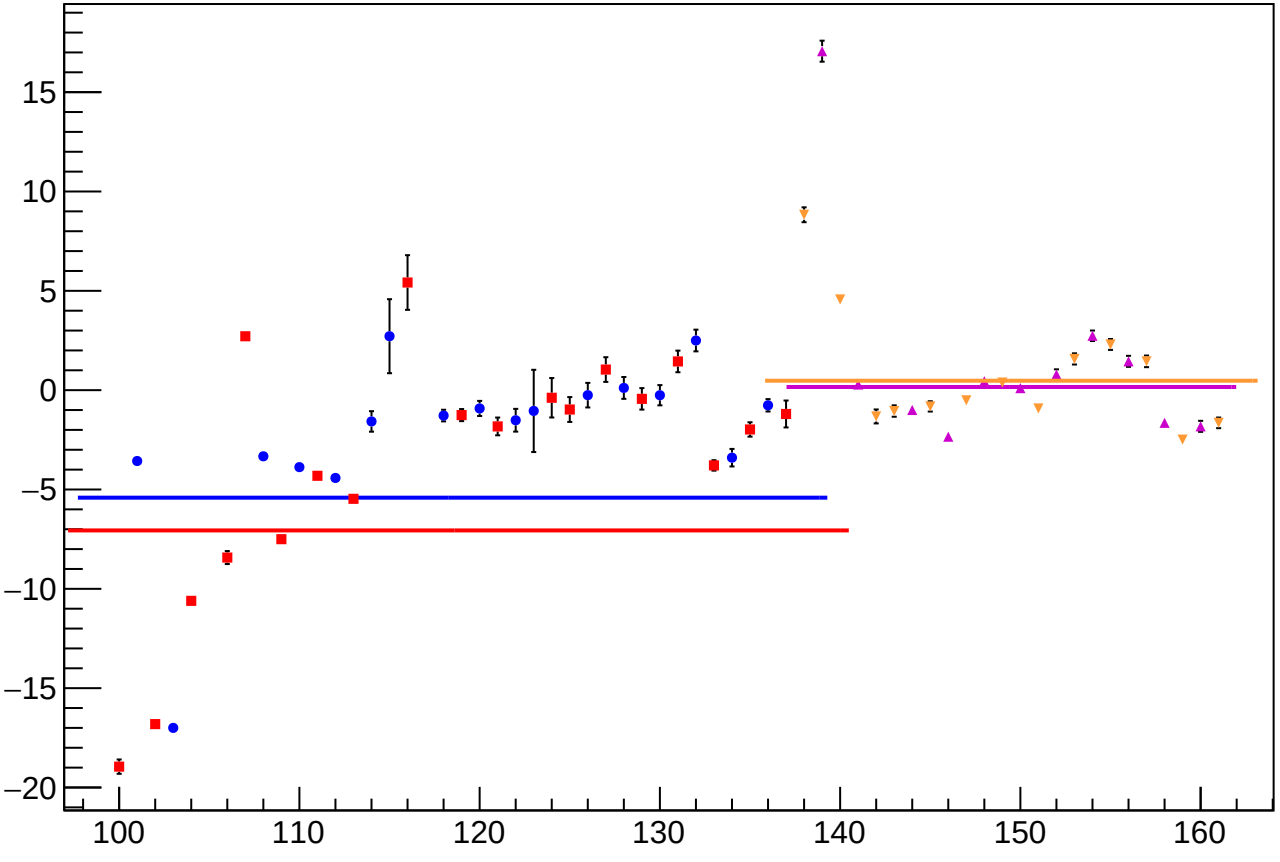
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.165+/-0.106 χ^2/NDF:621.9/10

Out: -3.451+/-0.103 χ^2/NDF:1458.0/12

All: -2.830+/-0.074 χ^2/NDF: 2155.9/23

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: 0.475+/-0.071 χ^2/NDF:1215.2/12

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.159+/-0.076 χ^2/NDF:1412.0/10

Left: 0.326+/-0.052 χ^2/NDF: 2636.5/23

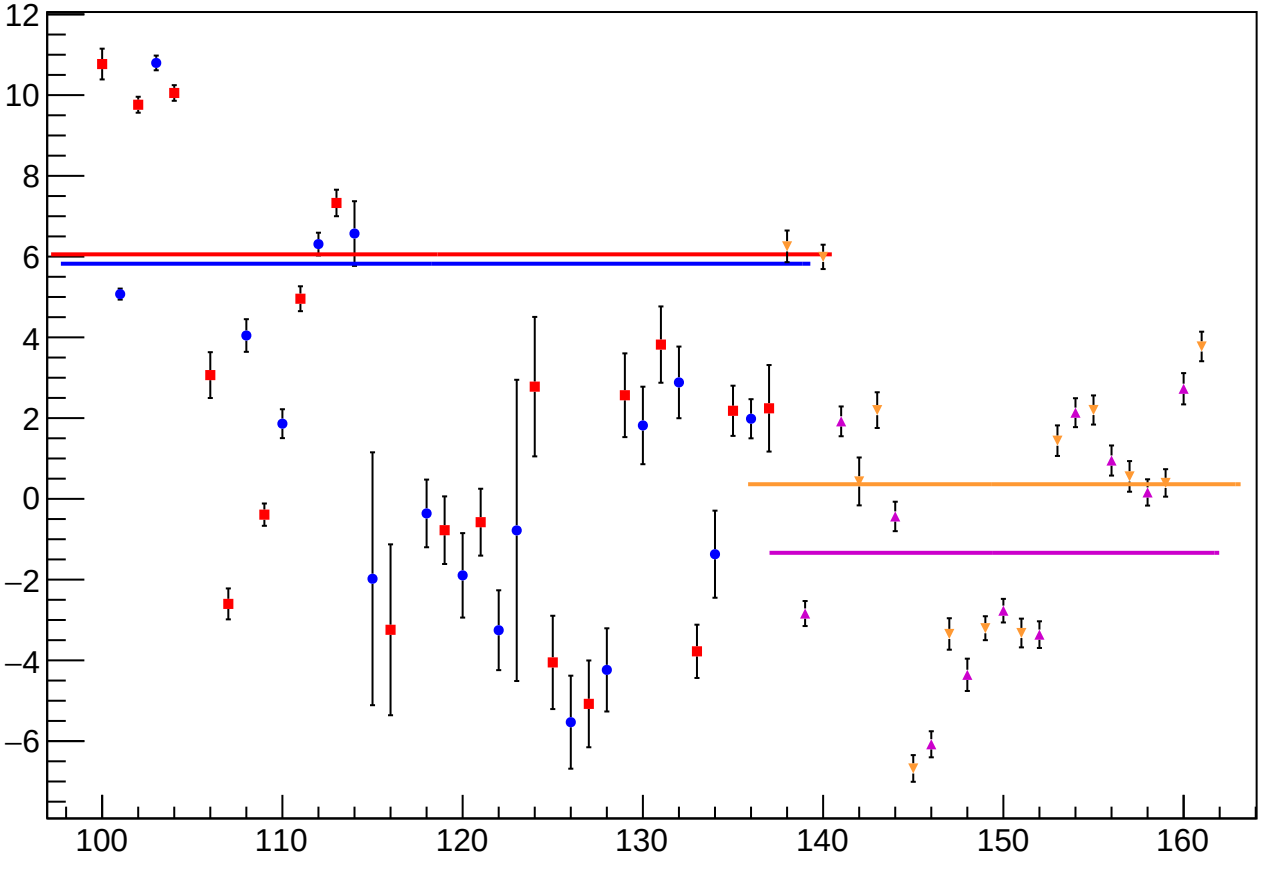
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -3.494+/-0.044 χ^2/NDF:14237.9/27

Out: -3.998+/-0.045 χ^2/NDF:20165.5/31

All: -3.739+/-0.032 χ^2/NDF: 34466.3/59

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: 0.362+/-0.101 χ^2/NDF:1509.0/12

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -1.336+/-0.104 χ^2/NDF:704.5/10

Left: -0.464+/-0.072 χ^2/NDF: 2351.4/23

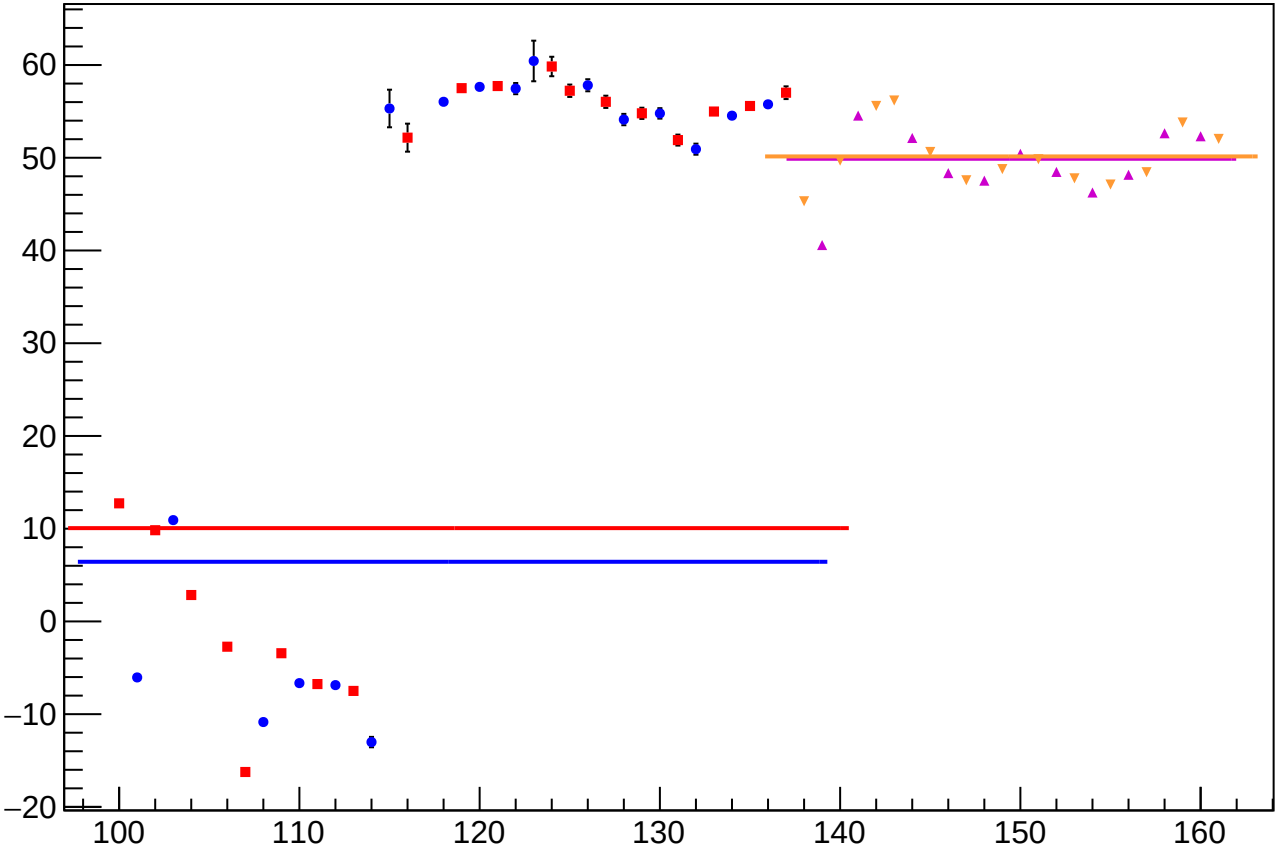
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 2.762+/-0.068 χ^2/NDF:4888.8/27

Out: 3.432+/-0.069 χ^2/NDF:5893.6/31

All: 3.093+/-0.048 χ^2/NDF: 10830.7/59

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 50.143+/-0.084 χ^2/NDF:1133.8/12

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 49.890+/-0.089 χ^2/NDF:1114.6/10

Left: 50.023+/-0.061 χ^2/NDF: 2252.7/23

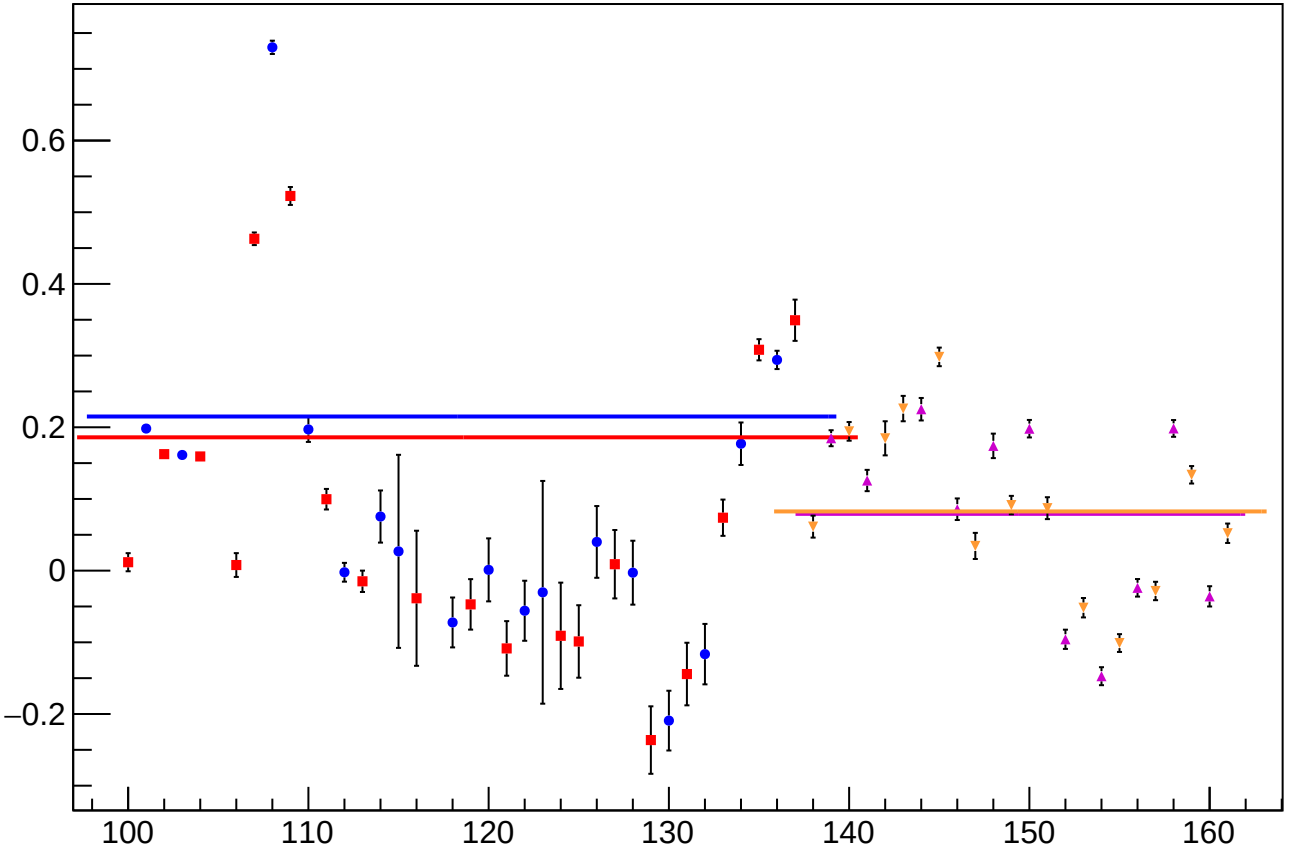
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 21.549+/-0.052 χ^2/NDF:281538.4/27

Out: 26.347+/-0.054 χ^2/NDF:257173.2/31

All: 23.881+/-0.037 χ^2/NDF: 542811.0/59

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: 0.083+/-0.004 χ^2/NDF:858.2/12

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.079+/-0.004 χ^2/NDF:1048.7/10

Left: 0.081+/-0.003 χ^2/NDF: 1907.2/23

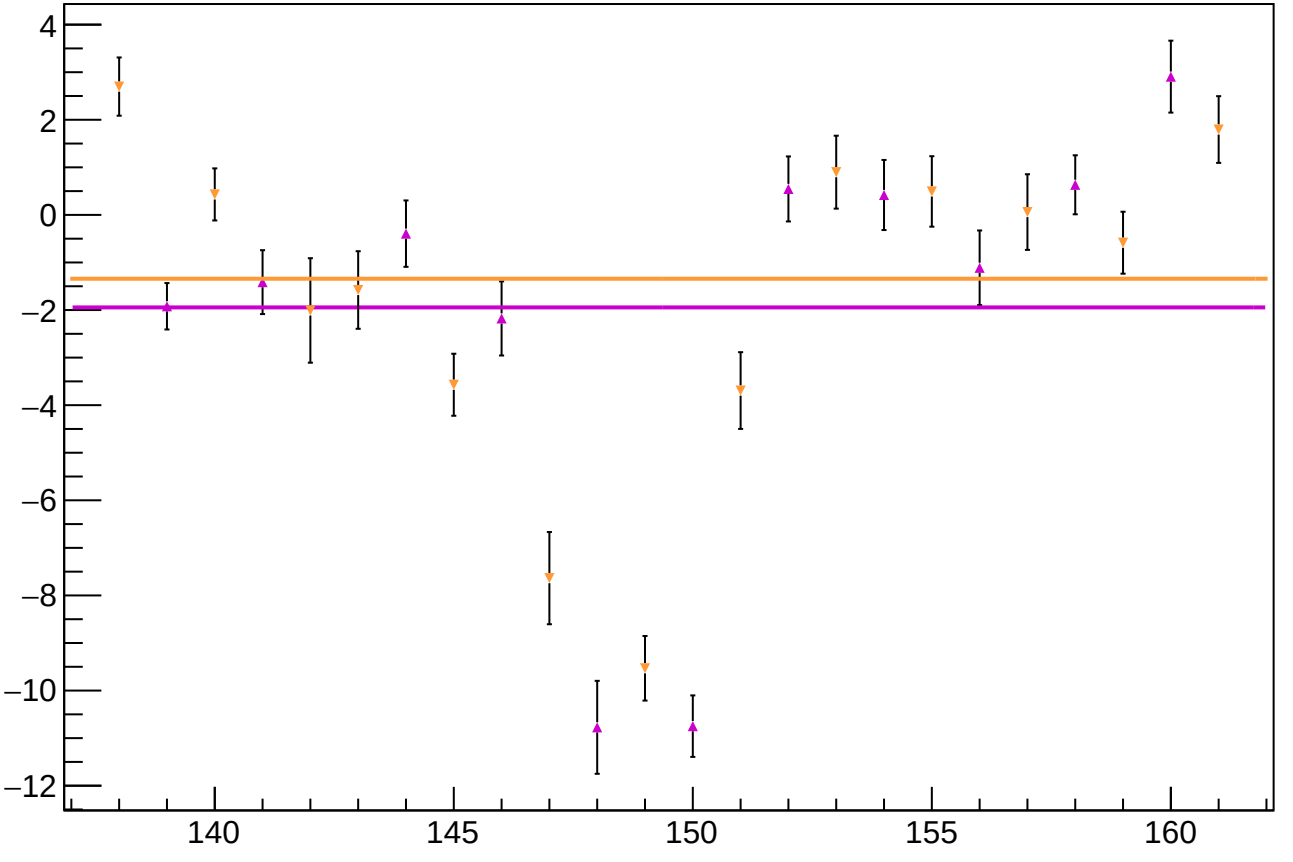
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.171+/-0.002 χ^2/NDF:5754.5/27

Out: 0.153+/-0.002 χ^2/NDF:4049.4/31

All: 0.162+/-0.002 χ^2/NDF: 9836.5/59

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.342+/-0.200 χ^2/NDF:301.5/12

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

Left In: -1.945+/-0.206 χ^2/NDF:355.9/10

Left: -1.634+/-0.144 χ^2/NDF: 661.7/23

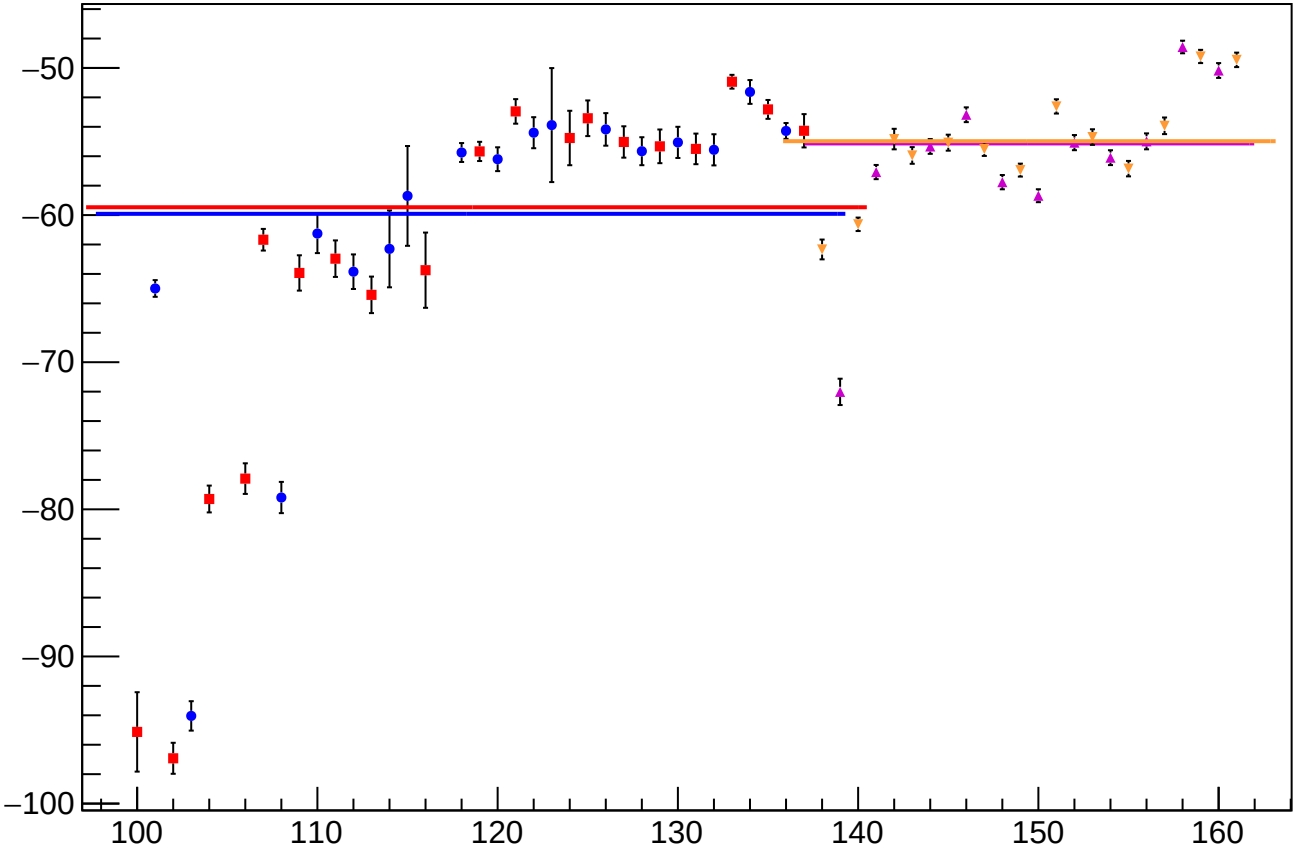
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.945+/-0.206 χ^2/NDF:355.9/10

Out: -1.342+/-0.200 χ^2/NDF:301.5/12

All: -1.634+/-0.144 χ^2/NDF: 661.7/23

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: -54.978+/-0.143 χ^2/NDF:626.6/12

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -55.131+/-0.152 χ^2/NDF:815.7/10

Left: -55.050+/-0.104 χ^2/NDF: 1442.8/23

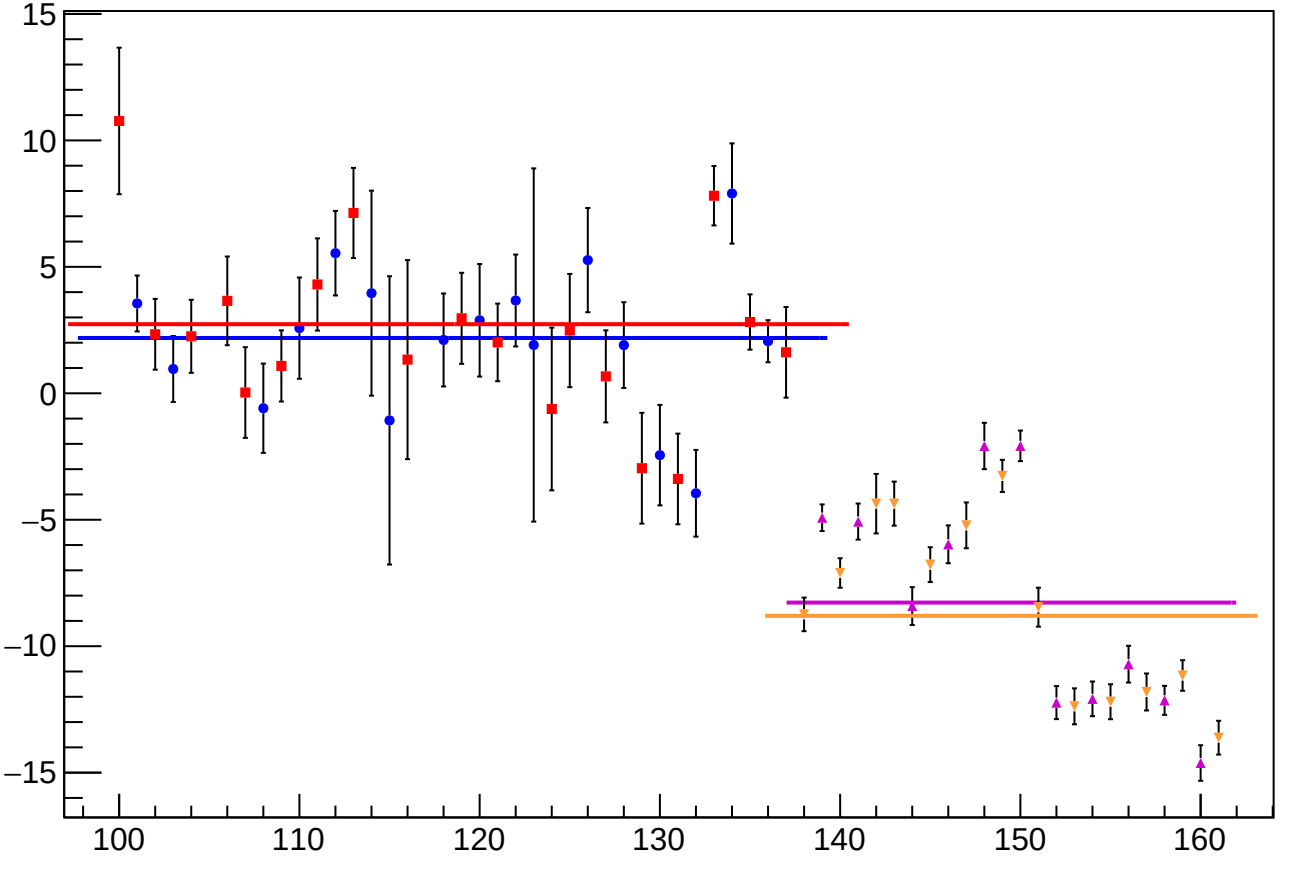
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -56.648+/-0.126 χ^2/NDF:3109.3/27

Out: -56.382+/-0.119 χ^2/NDF:3847.4/31

All: -56.507+/-0.086 χ^2/NDF: 6959.1/59

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: -8.797+/-0.197 χ^2/NDF:282.6/12

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -8.275+/-0.202 χ^2/NDF:426.5/10

Left: -8.542+/-0.141 χ^2/NDF: 712.5/23

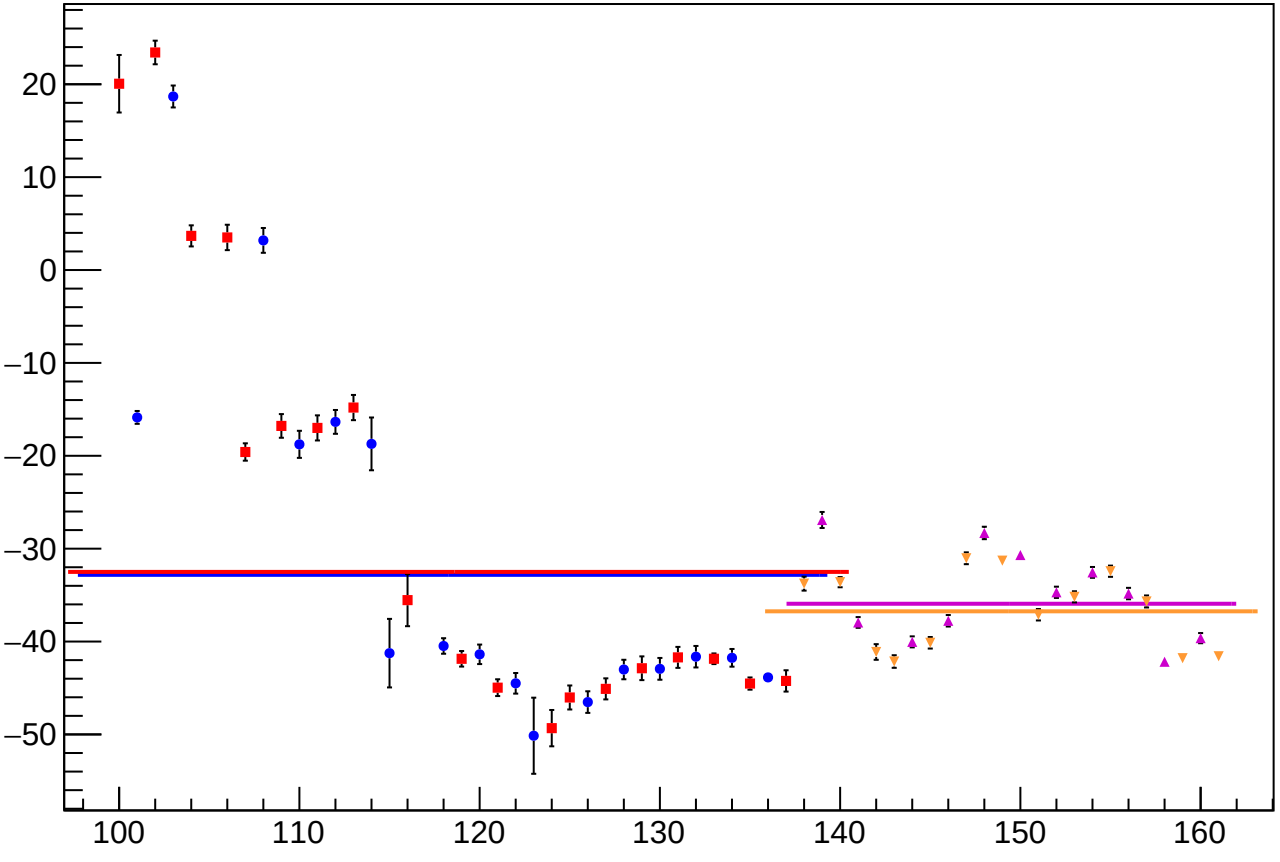
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -6.183+/-0.181 χ^2/NDF:1001.9/27

Out: -6.423+/-0.176 χ^2/NDF:1044.1/31

All: -6.306+/-0.126 χ^2/NDF: 2046.9/59

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: -36.746+/-0.167 χ^2/NDF:615.3/12

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -35.930+/-0.176 χ^2/NDF:691.5/10

Left: -36.359+/-0.121 χ^2/NDF: 1318.1/23

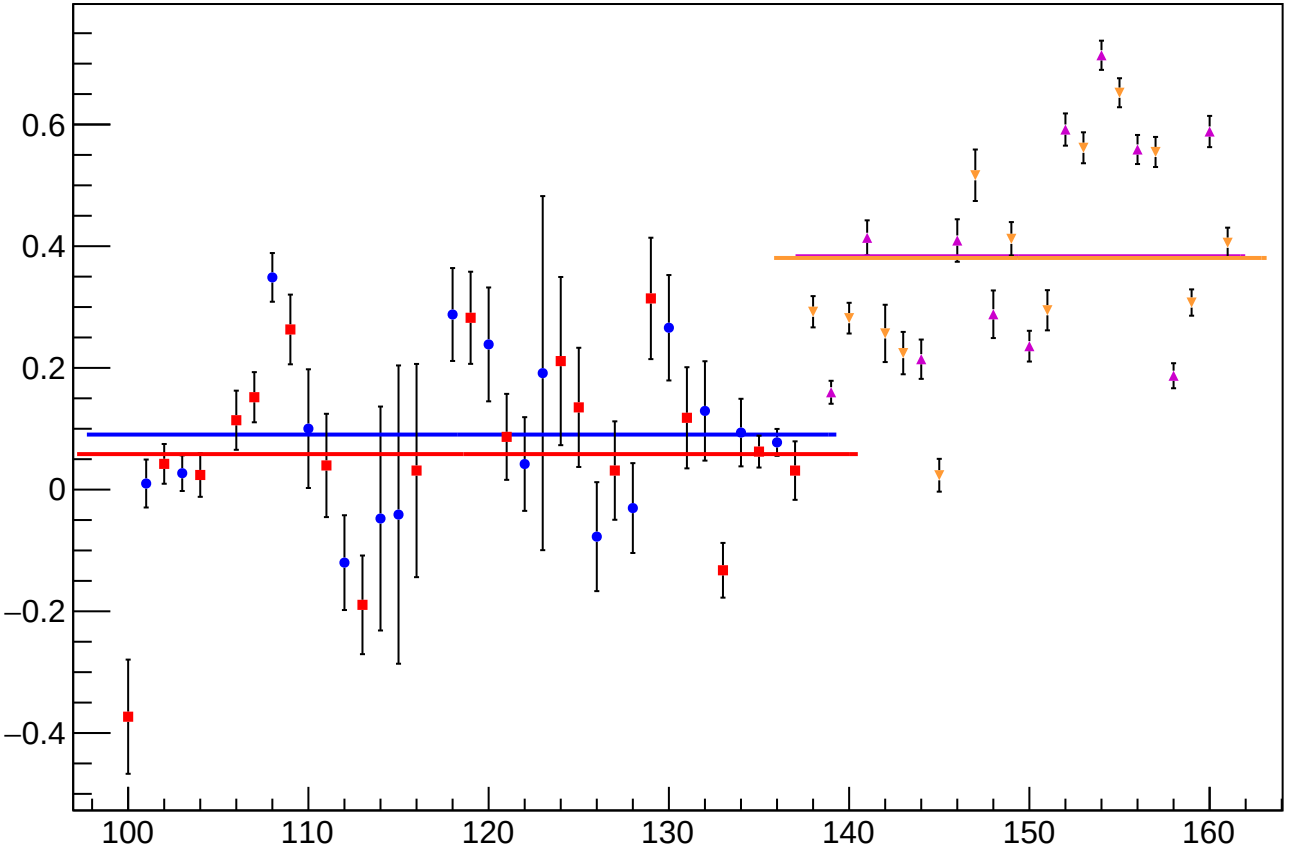
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -34.923+/-0.144 χ^2/NDF:5459.7/27

Out: -35.394+/-0.138 χ^2/NDF:6859.4/31

All: -35.170+/-0.100 χ^2/NDF: 12324.7/59

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: 0.381+/-0.008 χ^2/NDF:490.5/12

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.383+/-0.008 χ^2/NDF:669.6/10

Left: 0.382+/-0.005 χ^2/NDF: 1160.2/23

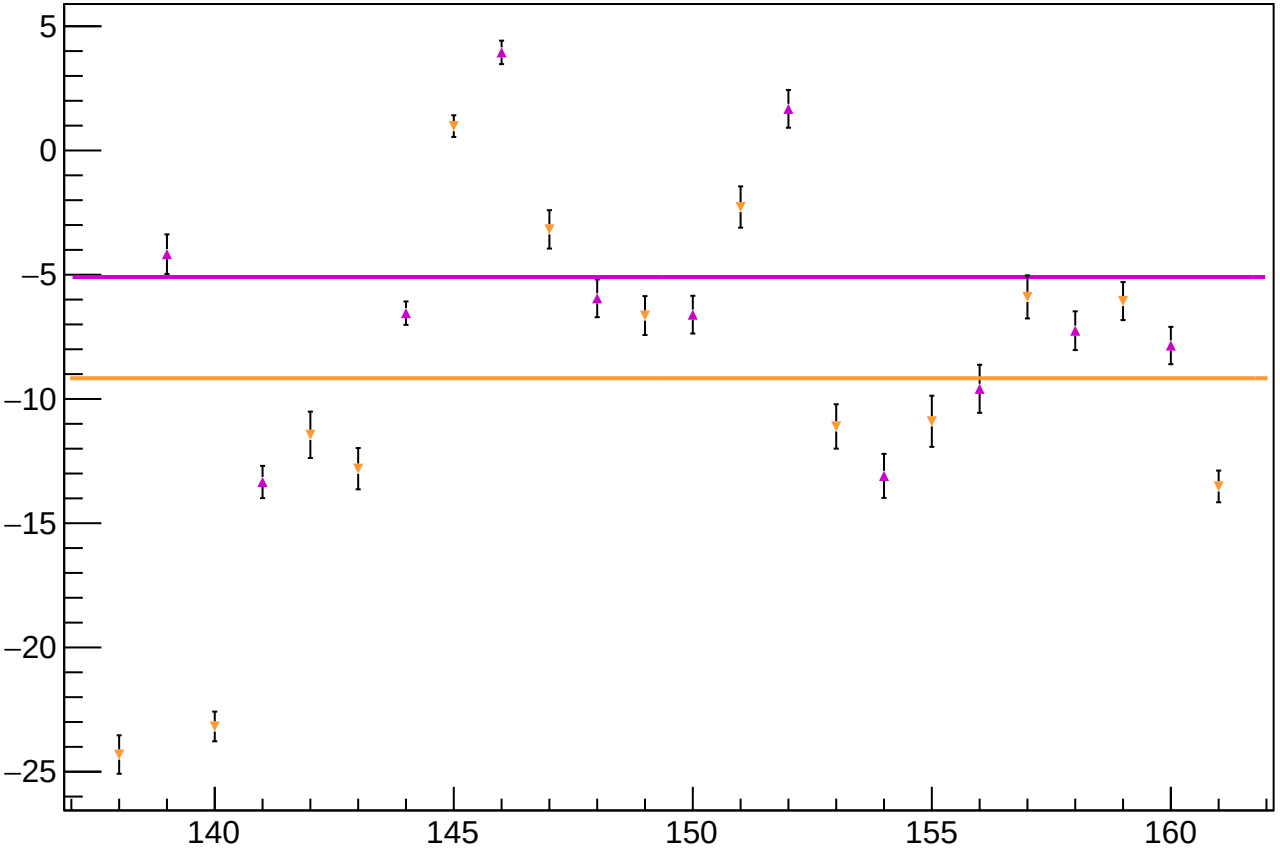
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.305+/-0.007 χ^2/NDF:1137.0/27

Out: 0.290+/-0.006 χ^2/NDF:1083.4/31

All: 0.297+/-0.005 χ^2/NDF: 2223.1/59

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: -9.166+/-0.201 χ^2/NDF:1724.4/12

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

Left In: -5.093+/-0.205 χ^2/NDF:747.1/10

Left: -7.167+/-0.143 χ^2/NDF: 2673.2/23

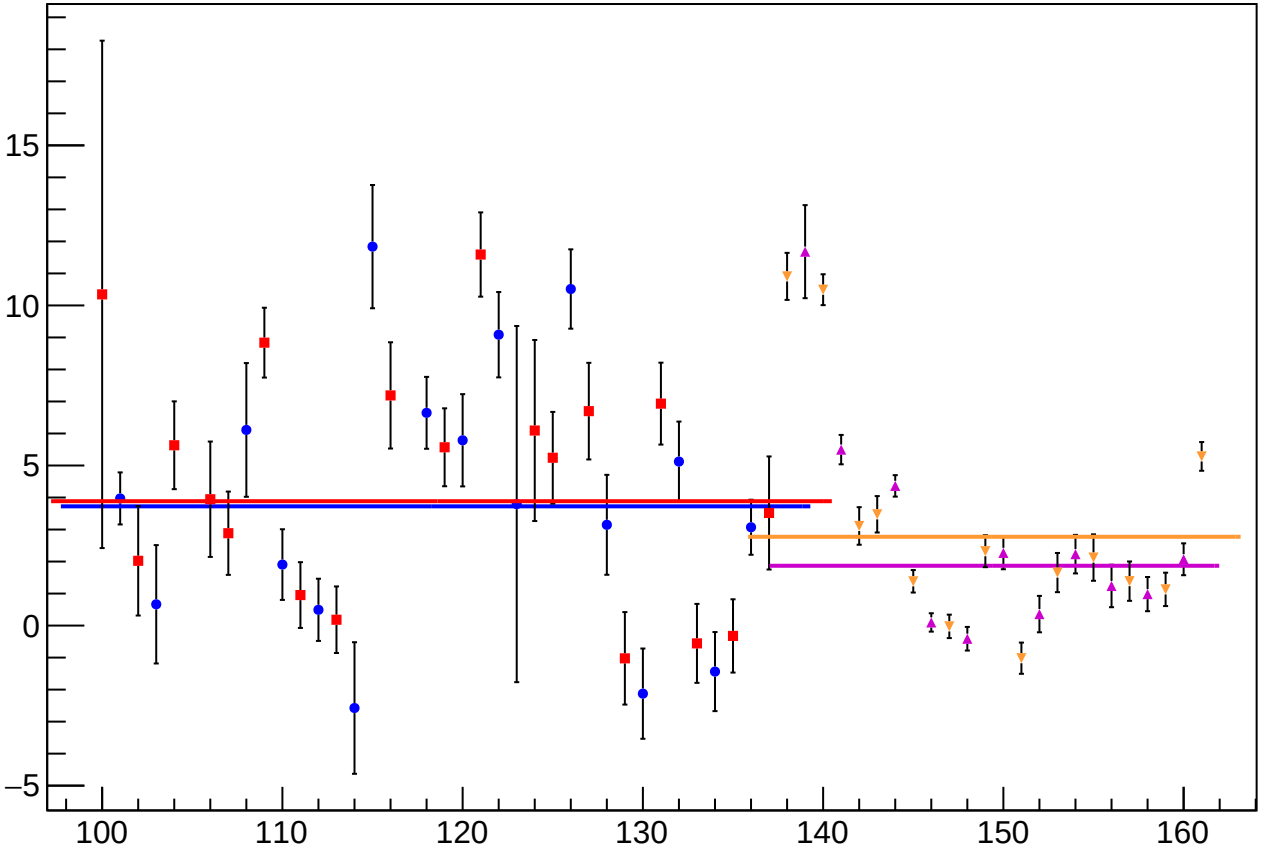
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.093+/-0.205 χ^2/NDF:747.1/10

Out: -9.166+/-0.201 χ^2/NDF:1724.4/12

All: -7.167+/-0.143 χ^2/NDF: 2673.2/23

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: 2.774+/-0.139 χ^2/NDF:566.3/12

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 1.868+/-0.137 χ^2/NDF:251.5/10

Left: 2.315+/-0.098 χ^2/NDF: 839.2/23

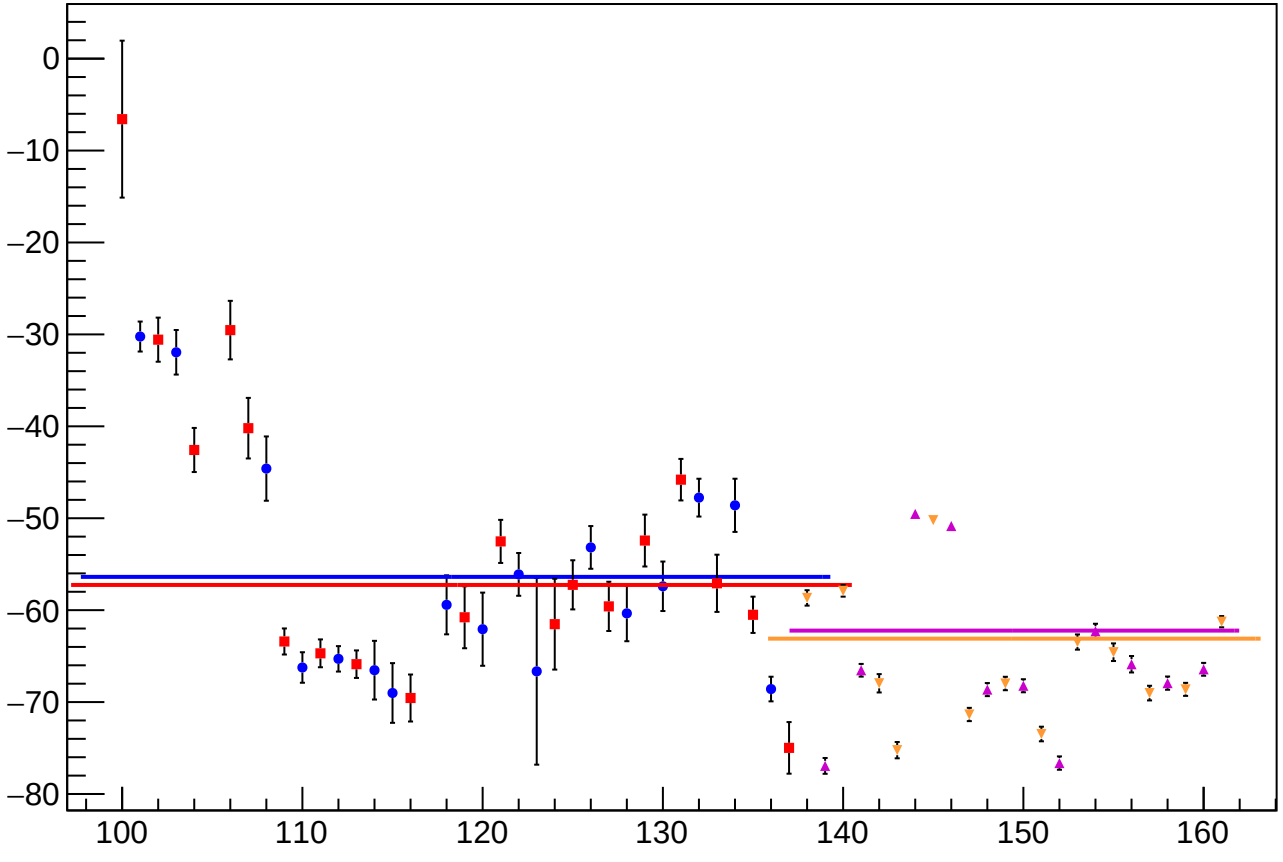
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 2.175+/-0.125 χ^2/NDF:418.4/27

Out: 2.953+/-0.127 χ^2/NDF:711.0/31

All: 2.559+/-0.089 χ^2/NDF: 1148.5/59

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: -63.099+/-0.200 χ^2/NDF:1550.6/12

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -62.224+/-0.201 χ^2/NDF:2254.0/10

Left: -62.663+/-0.142 χ^2/NDF: 3814.1/23

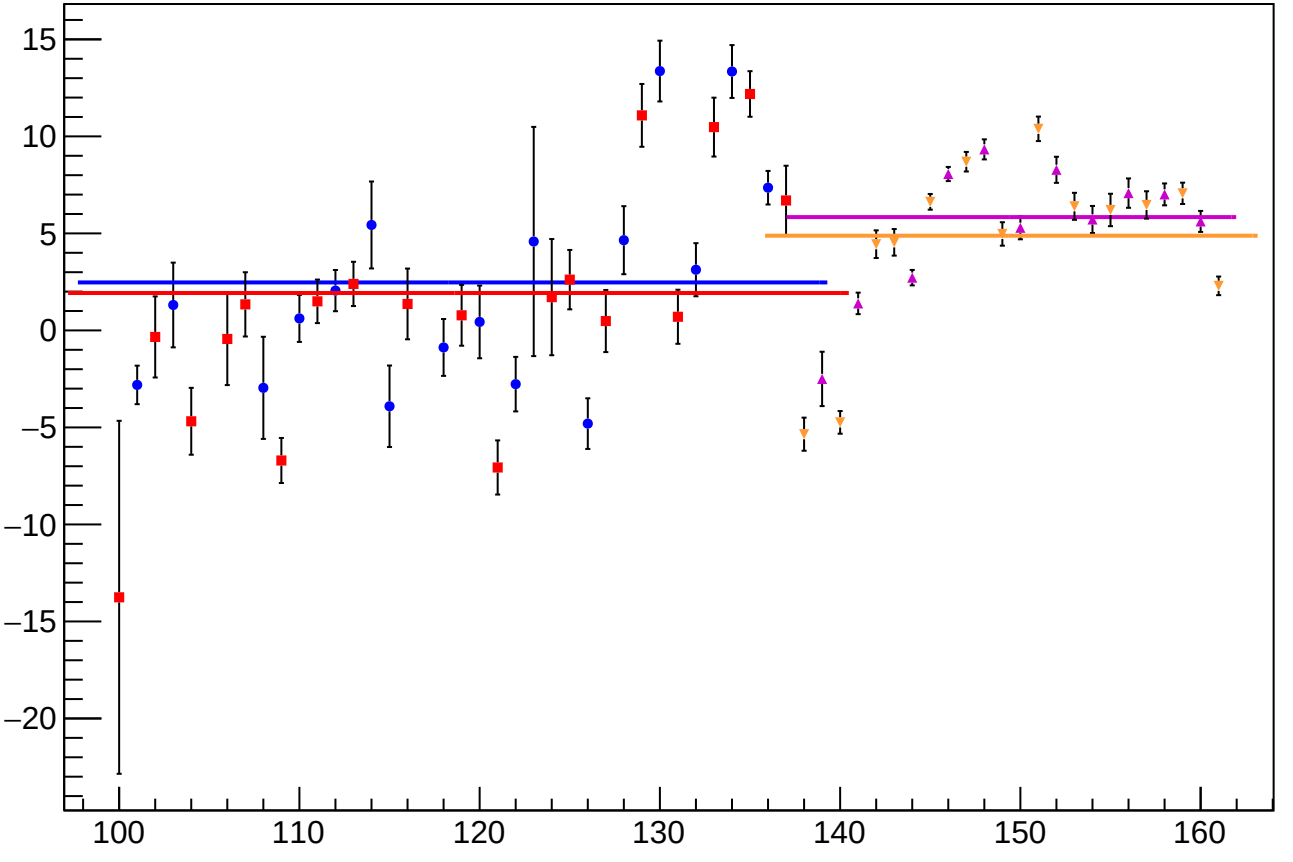
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -61.517+/-0.188 χ^2/NDF:2943.6/27

Out: -62.384+/-0.187 χ^2/NDF:2130.9/31

All: -61.953+/-0.133 χ^2/NDF: 5085.2/59

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 4.881+/-0.165 χ^2/NDF:624.5/12

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 5.840+/-0.165 χ^2/NDF:265.2/10

Left: 5.360+/-0.117 χ^2/NDF: 906.7/23

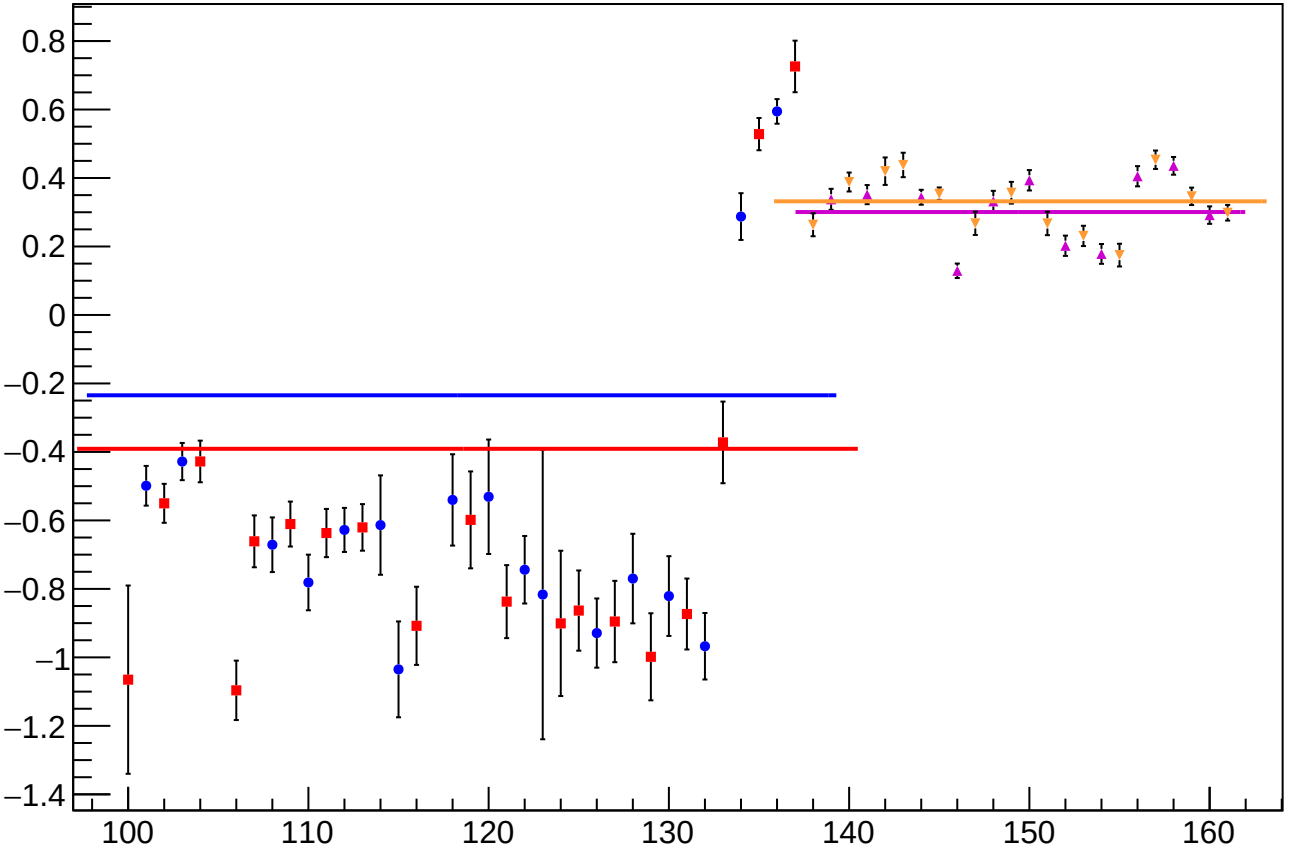
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 5.215+/-0.149 χ^2/NDF:586.2/27

Out: 4.357+/-0.149 χ^2/NDF:948.1/31

All: 4.788+/-0.105 χ^2/NDF: 1550.8/59

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: 0.332+/-0.008 χ^2/NDF:88.1/12

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.301+/-0.008 χ^2/NDF:154.0/10

Left: 0.317+/-0.006 χ^2/NDF: 249.9/23

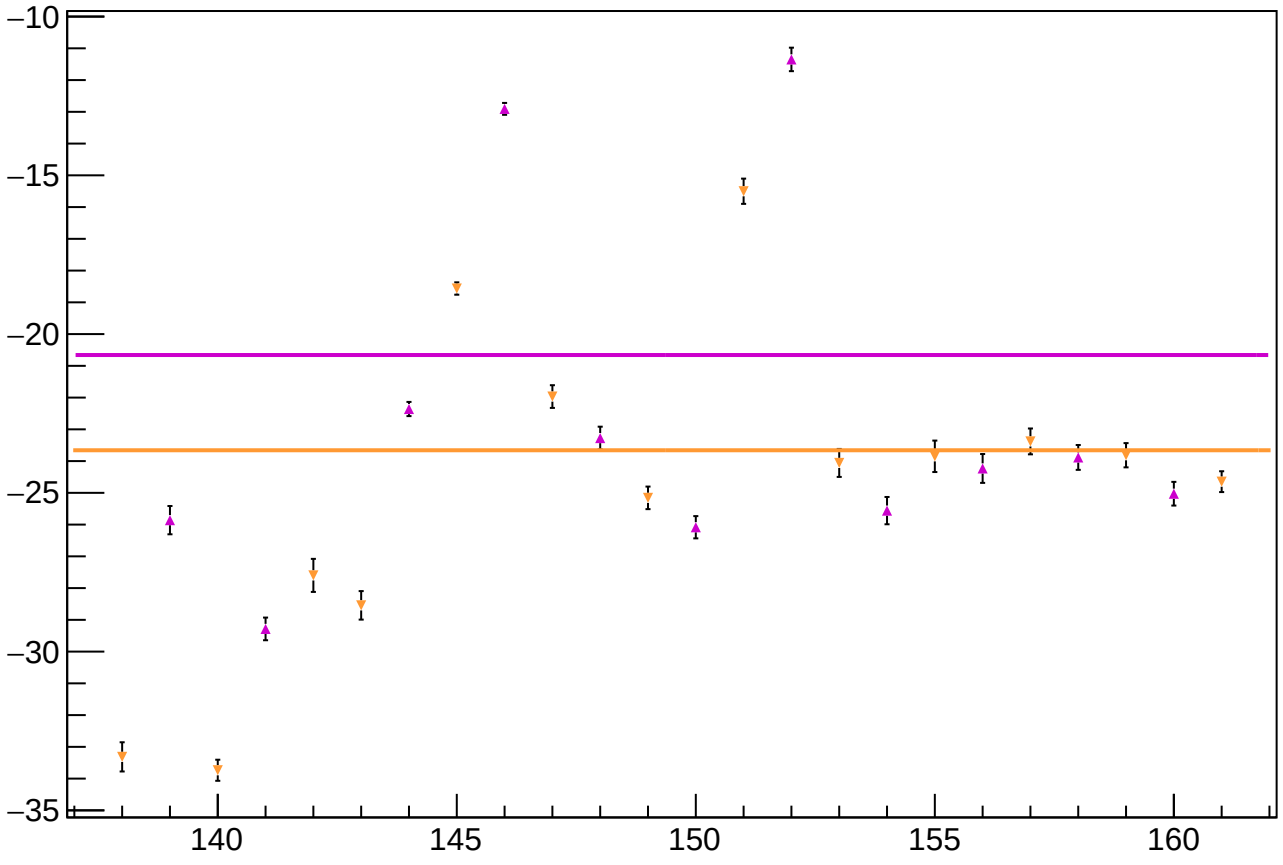
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.218+/-0.007 χ^2/NDF:1792.8/27

Out: 0.226+/-0.007 χ^2/NDF:2182.3/31

All: 0.222+/-0.005 χ^2/NDF: 3975.6/59

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.659+/-0.099 χ^2/NDF:2693.5/12

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

Left In: -20.659+/-0.096 χ^2/NDF:3812.8/10

Left: -22.114+/-0.069 χ^2/NDF: 6980.3/23

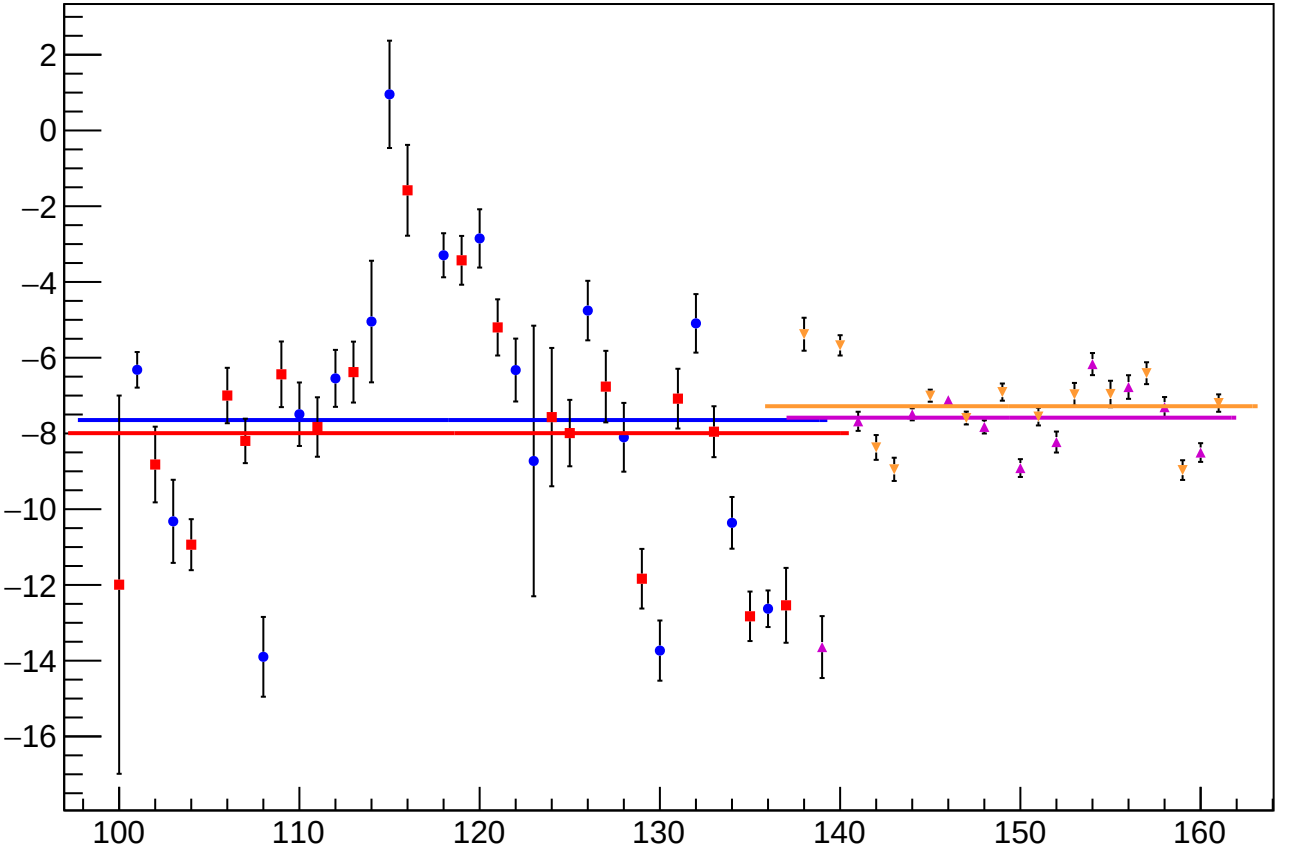
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.659+/-0.096 χ^2/NDF:3812.8/10

Out: -23.659+/-0.099 χ^2/NDF:2693.5/12

All: -22.114+/-0.069 χ^2/NDF: 6980.3/23

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -7.281+/-0.068 χ^2/NDF:159.3/12

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -7.584+/-0.064 χ^2/NDF:155.3/10

Left: -7.442+/-0.047 χ^2/NDF: 325.1/23

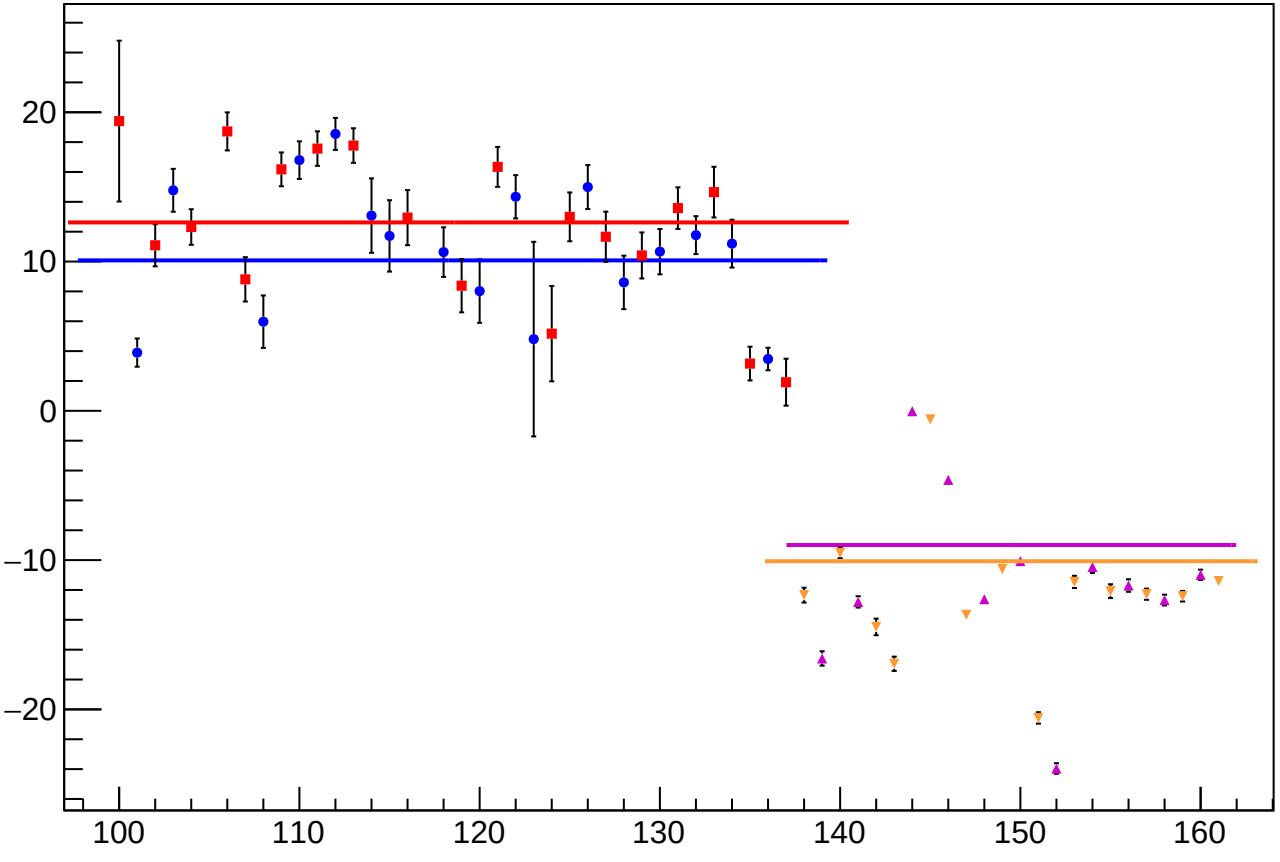
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -7.590+/-0.060 χ^2/NDF:549.0/27

Out: -7.365+/-0.064 χ^2/NDF:397.7/31

All: -7.484+/-0.044 χ^2/NDF: 953.3/59

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: -10.075+/-0.098 χ^2/NDF:3421.8/12

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -8.987+/-0.094 χ^2/NDF:4446.1/10

Left: -9.508+/-0.068 χ^2/NDF: 7932.1/23

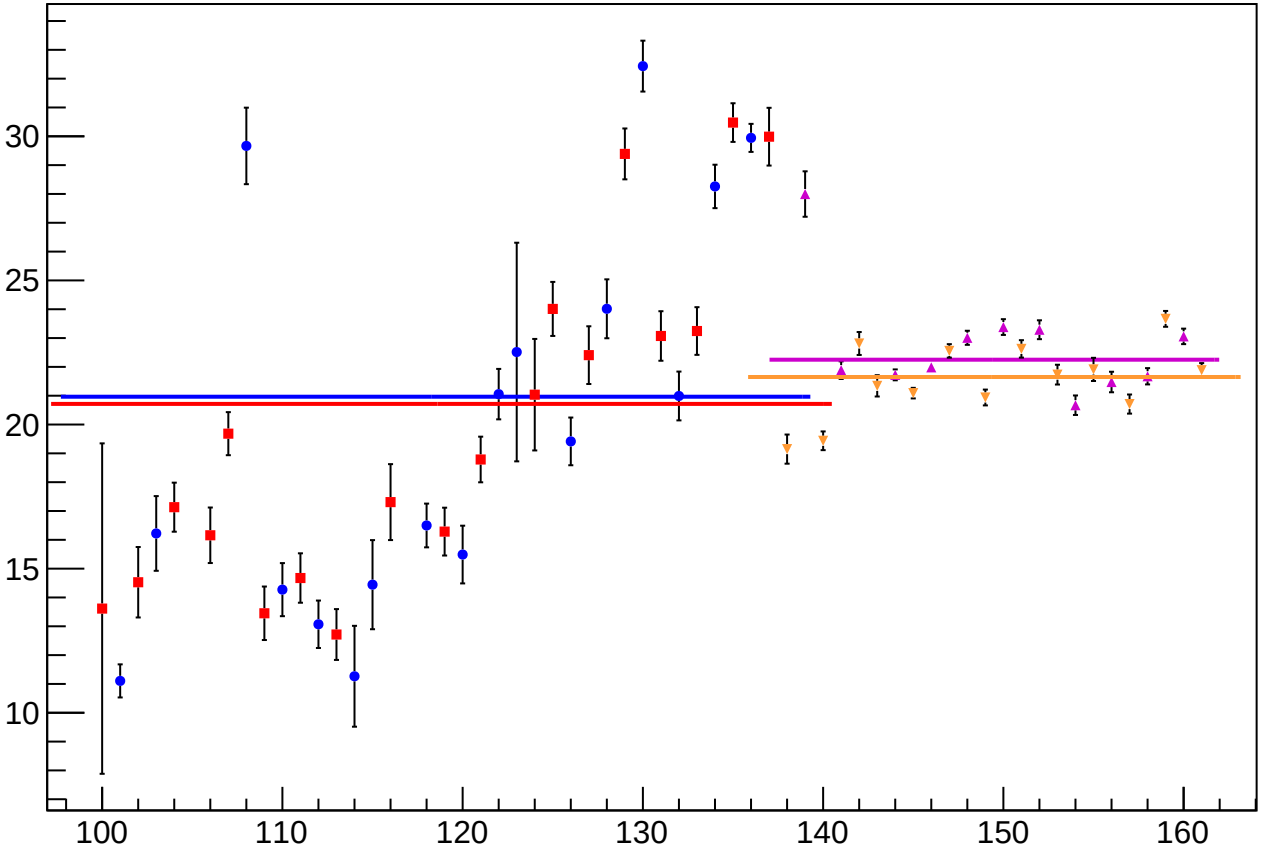
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -7.613+/-0.090 χ^2/NDF:7672.5/27

Out: -8.259+/-0.094 χ^2/NDF:7929.5/31

All: -7.923+/-0.065 χ^2/NDF: 15626.5/59

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: 21.649+/-0.081 χ^2/NDF:185.0/12

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 22.249+/-0.077 χ^2/NDF:142.2/10

Left: 21.964+/-0.056 χ^2/NDF: 356.2/23

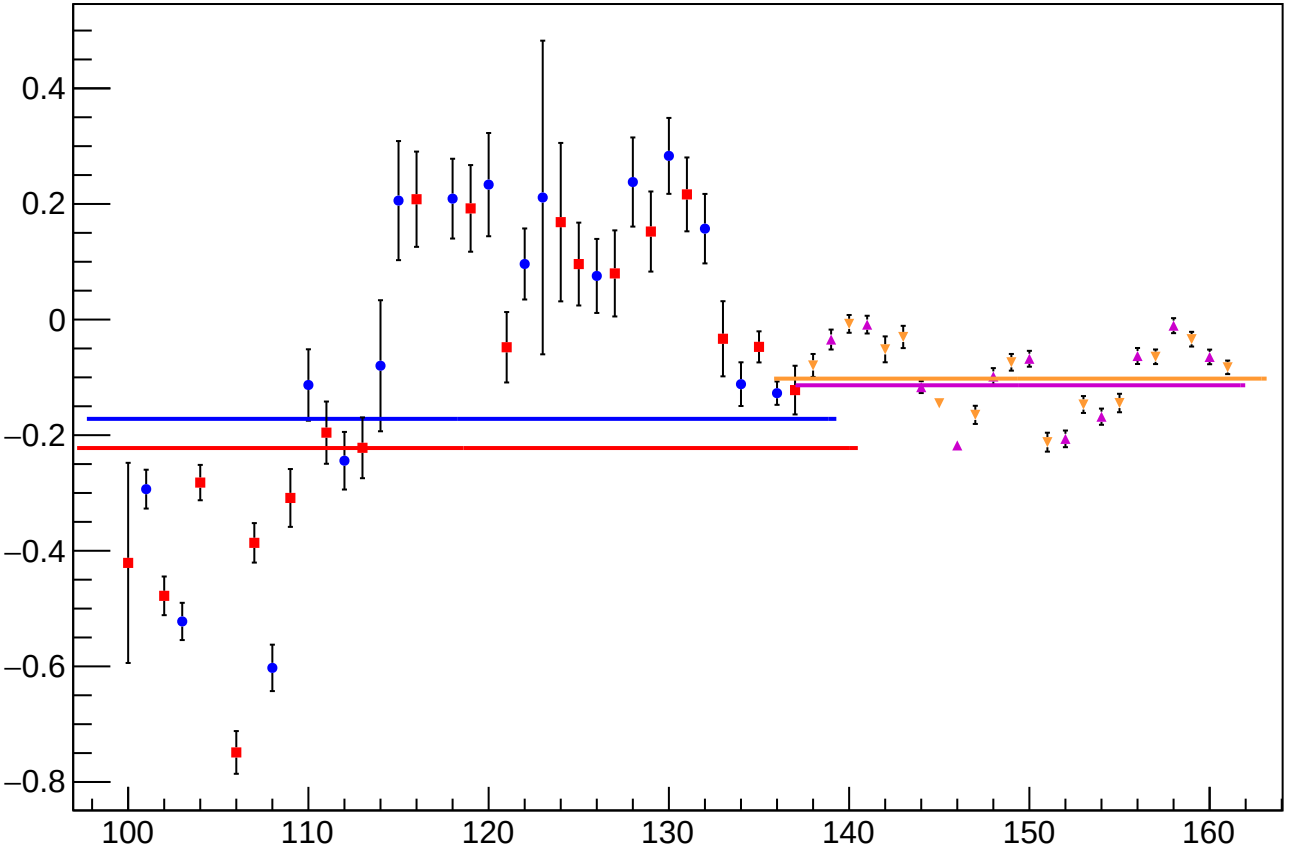
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 22.097+/-0.072 χ^2/NDF:1400.8/27

Out: 21.531+/-0.076 χ^2/NDF:931.7/31

All: 21.827+/-0.052 χ^2/NDF: 2361.8/59

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: -0.102+/-0.004 χ^2/NDF:207.6/12

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.114+/-0.004 χ^2/NDF:380.0/10

Left: -0.108+/-0.003 χ^2/NDF: 592.1/23

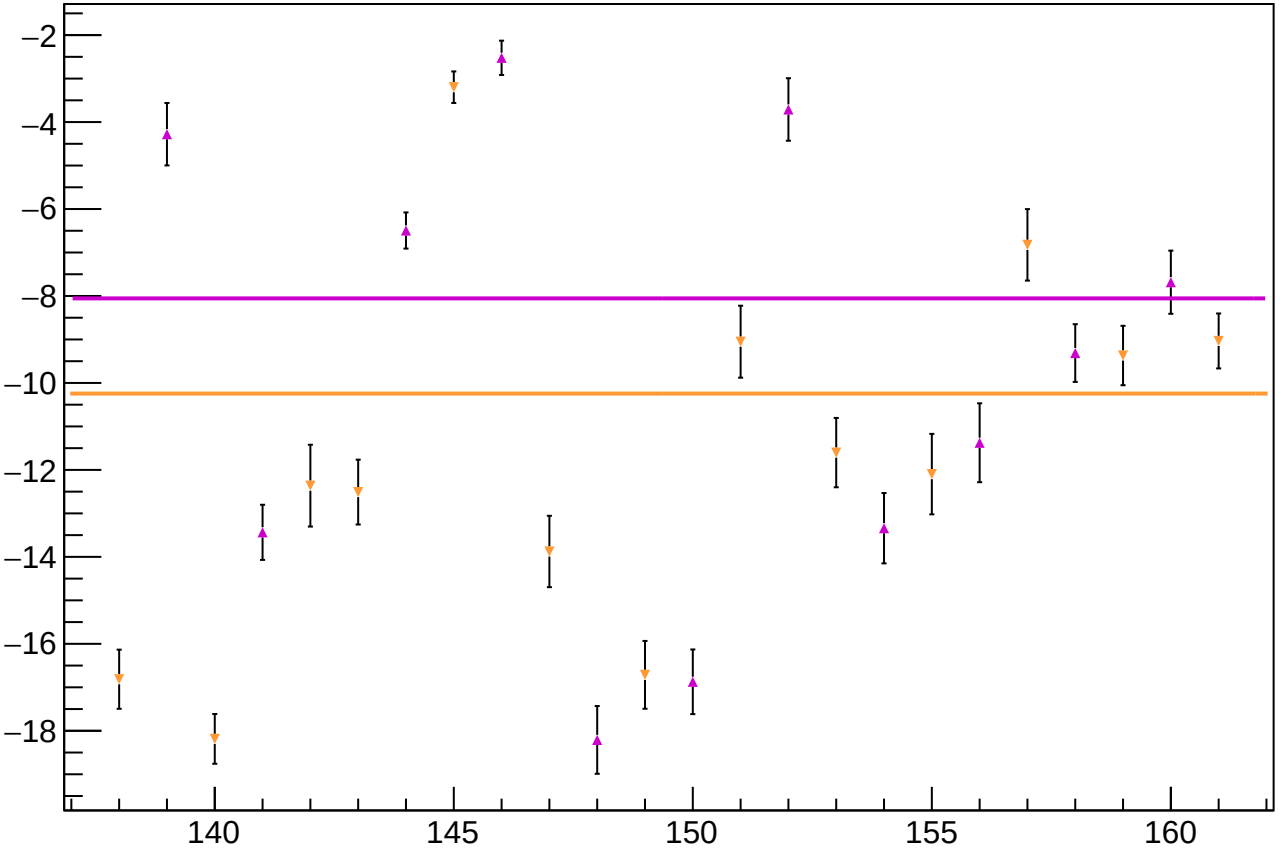
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.120+/-0.004 χ^2/NDF:868.3/27

Out: -0.115+/-0.004 χ^2/NDF:850.9/31

All: -0.118+/-0.003 χ^2/NDF: 1719.9/59

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.244+/-0.185 χ^2/NDF:797.8/12

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

Left In: -8.056+/-0.186 χ^2/NDF:717.3/10

Left: -9.155+/-0.131 χ^2/NDF: 1584.7/23

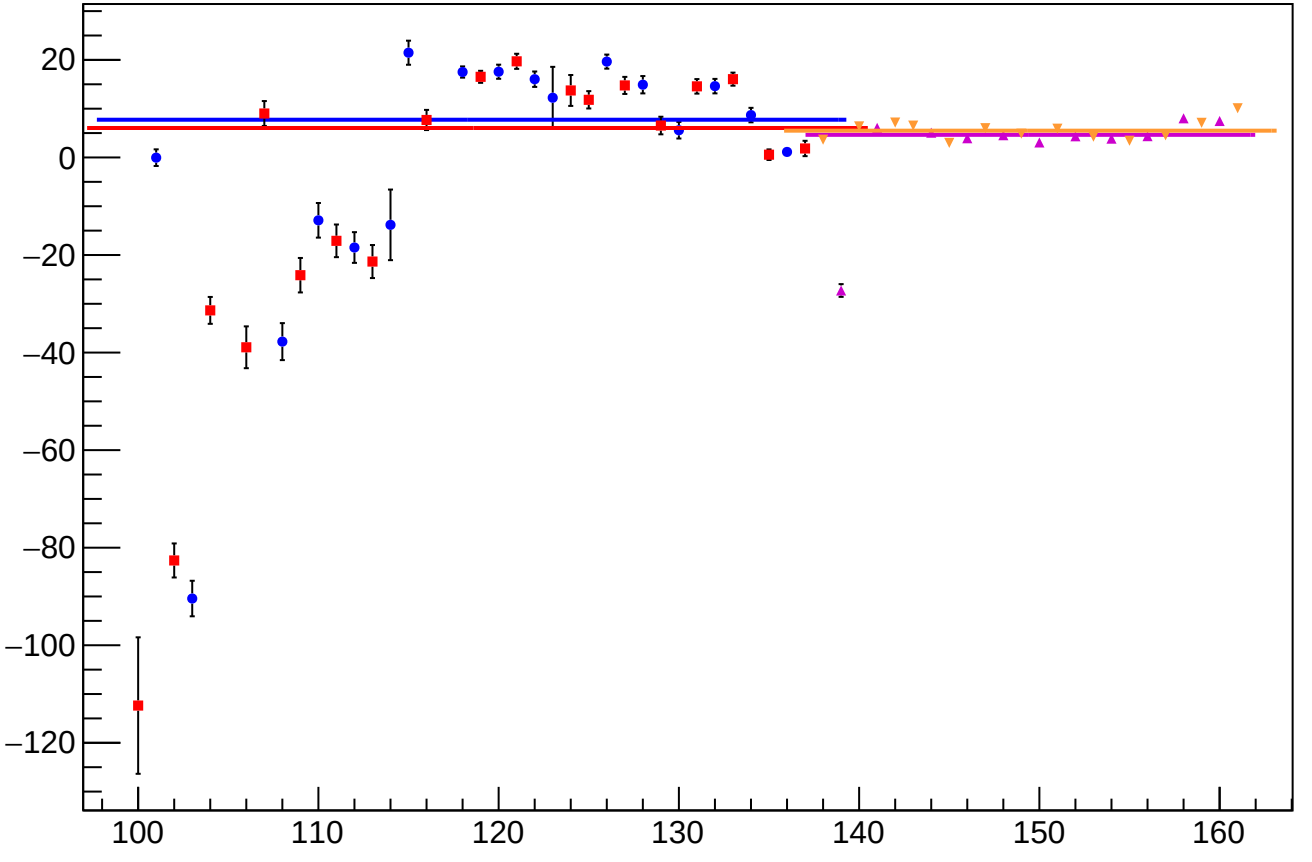
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.056+/-0.186 χ^2/NDF:717.3/10

Out: -10.244+/-0.185 χ^2/NDF:797.8/12

All: -9.155+/-0.131 χ^2/NDF: 1584.7/23

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: 5.492+/-0.130 χ^2/NDF:240.7/12

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 4.639+/-0.127 χ^2/NDF:718.9/10

Left: 5.054+/-0.091 χ^2/NDF: 981.5/23

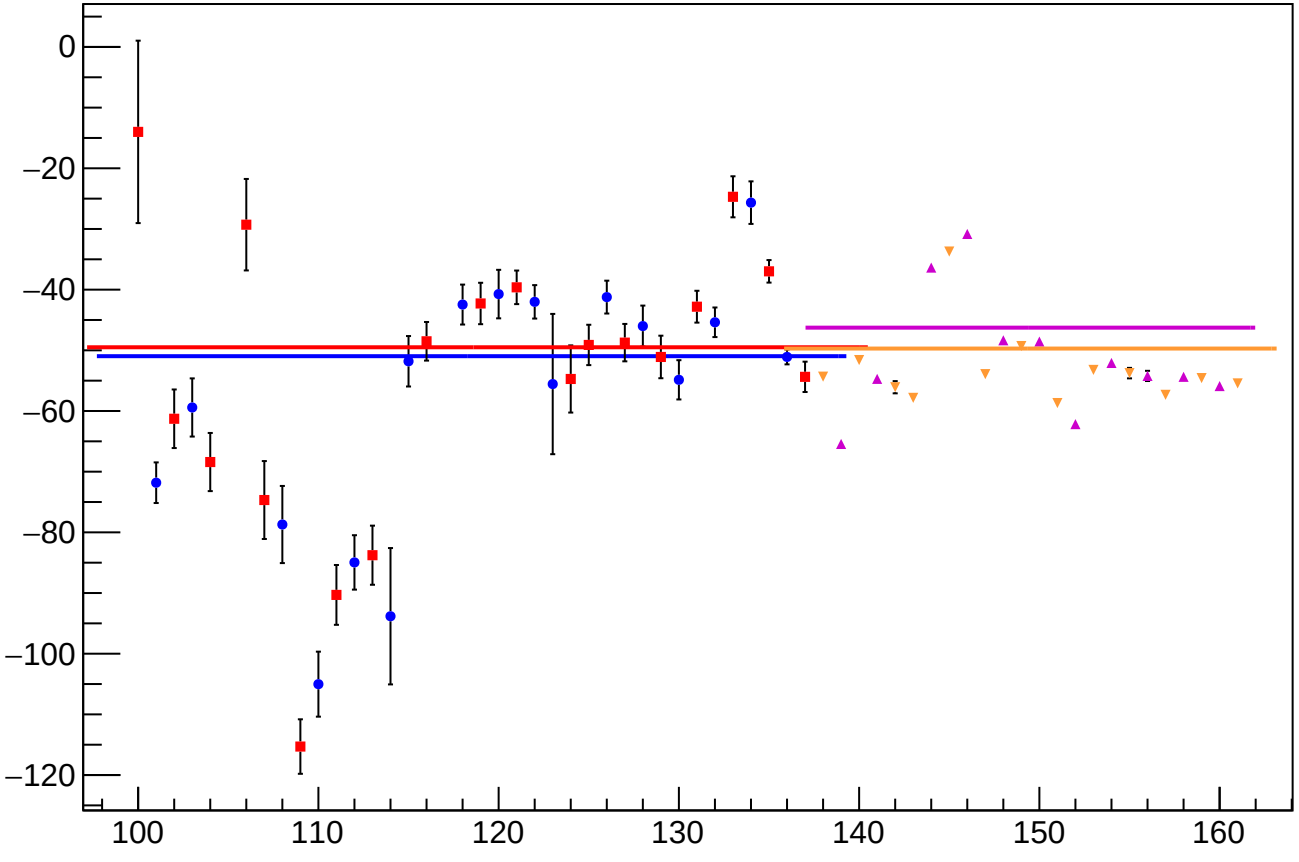
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 4.919+/-0.121 χ^2/NDF:2131.1/27

Out: 5.537+/-0.125 χ^2/NDF:1754.3/31

All: 5.219+/-0.087 χ^2/NDF: 3898.0/59

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: -49.708+/-0.185 χ^2/NDF:2350.4/12

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -46.264+/-0.183 χ^2/NDF:3992.1/10

Left: -47.962+/-0.130 χ^2/NDF: 6517.4/23

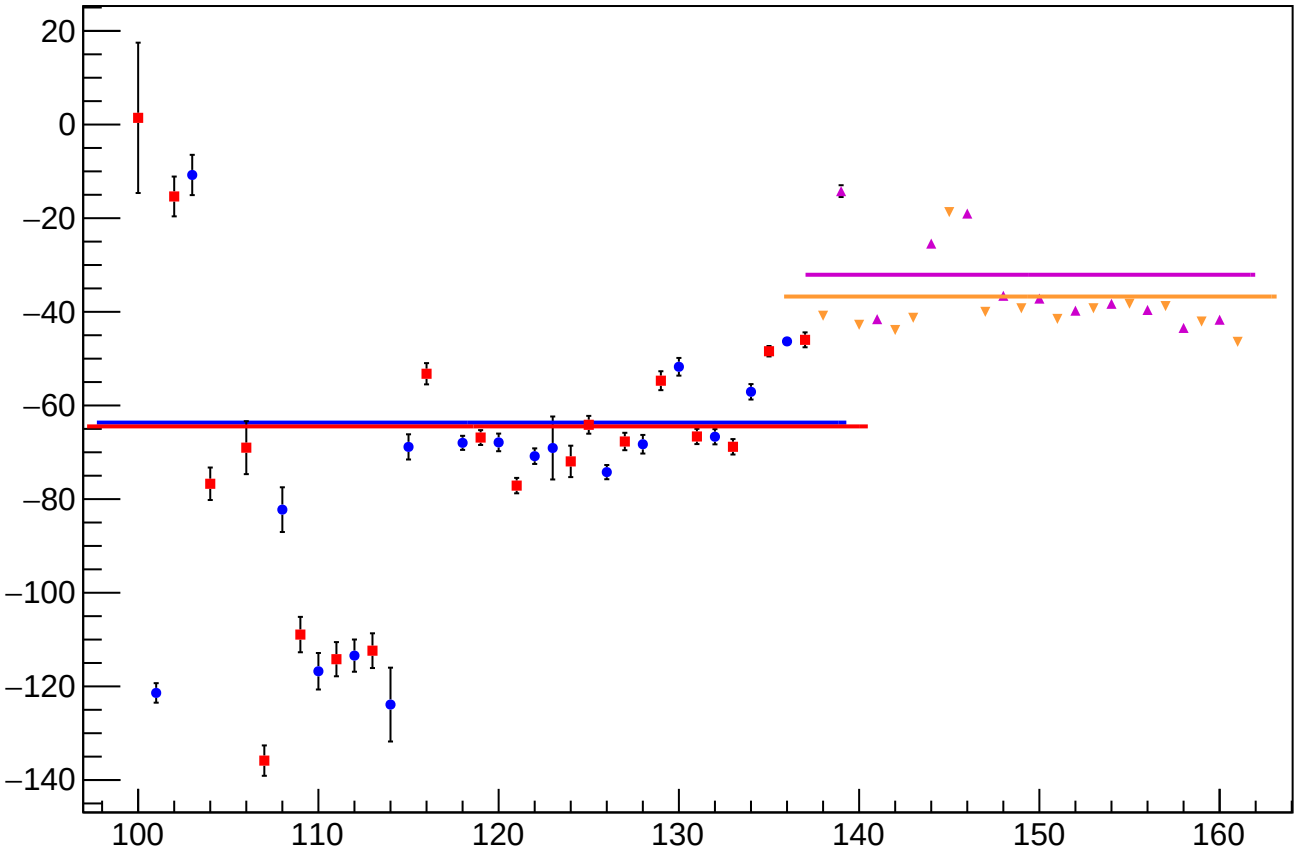
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -46.536+/-0.177 χ^2/NDF:4363.0/27

Out: -49.697+/-0.181 χ^2/NDF:2860.8/31

All: -48.089+/-0.127 χ^2/NDF: 7379.7/59

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -36.733+/-0.153 χ^2/NDF:3892.6/12

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -32.081+/-0.151 χ^2/NDF:3988.7/10

Left: -34.375+/-0.108 χ^2/NDF: 8347.2/23

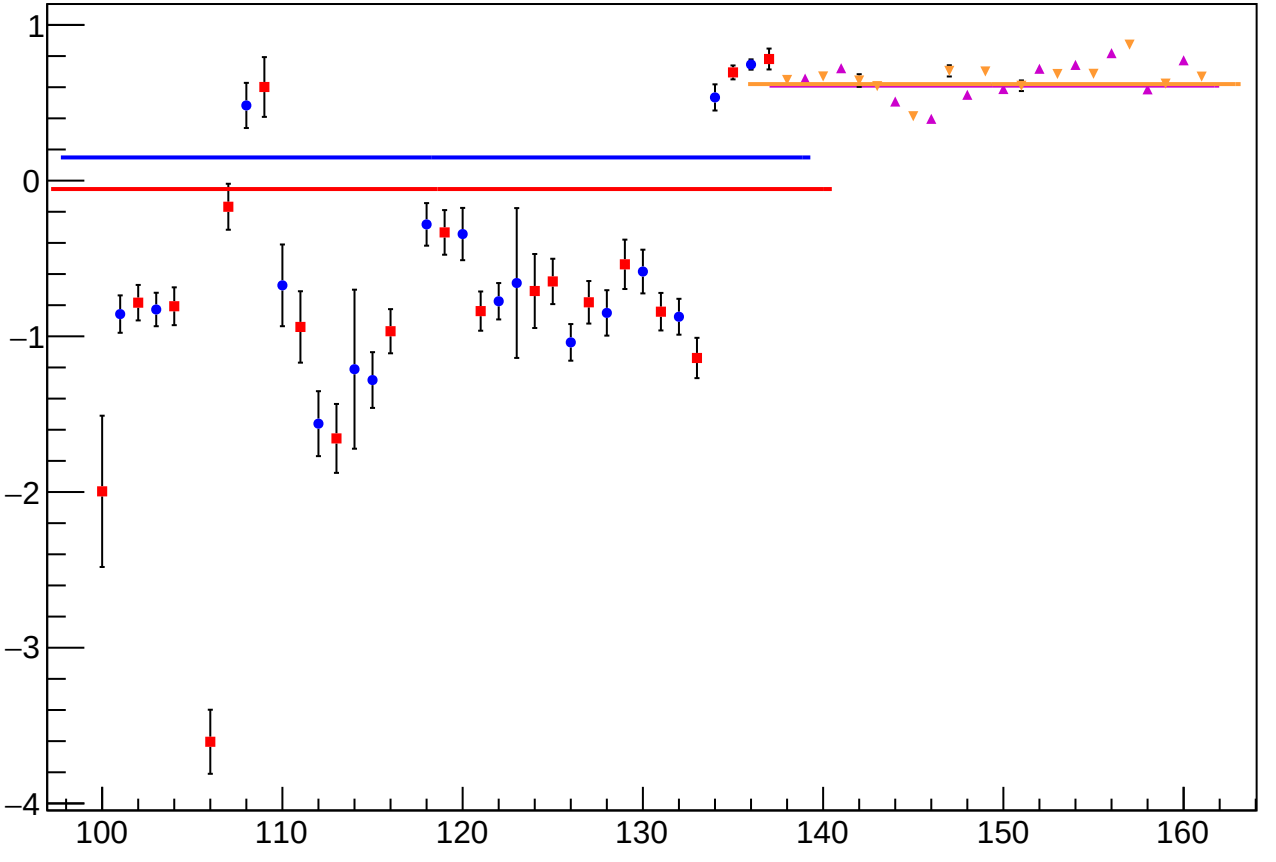
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -35.350+/-0.143 χ^2/NDF:10509.4/27

Out: -39.281+/-0.146 χ^2/NDF:8500.4/31

All: -37.276+/-0.102 χ^2/NDF: 19378.3/59

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: 0.620+/-0.007 χ^2/NDF:315.5/12

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.610+/-0.007 χ^2/NDF:336.3/10

Left: 0.615+/-0.005 χ^2/NDF: 652.8/23

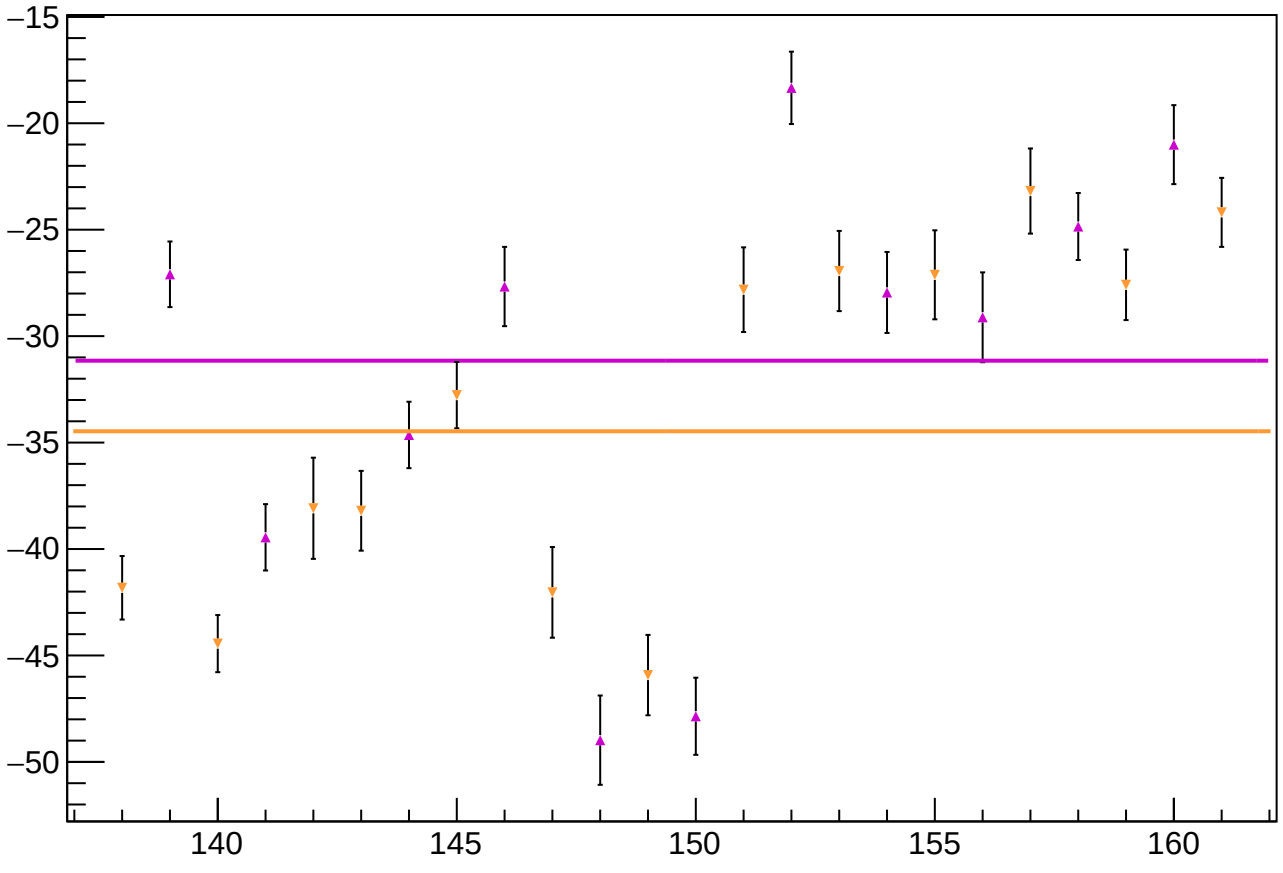
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.570+/-0.007 χ^2/NDF:1664.4/27

Out: 0.572+/-0.007 χ^2/NDF:2098.5/31

All: 0.571+/-0.005 χ^2/NDF: 3762.9/59

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: -34.469+/-0.491 χ^2/NDF:265.4/12

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

Left In: -31.153+/-0.527 χ^2/NDF:307.6/10

Left: -32.925+/-0.359 χ^2/NDF: 594.2/23

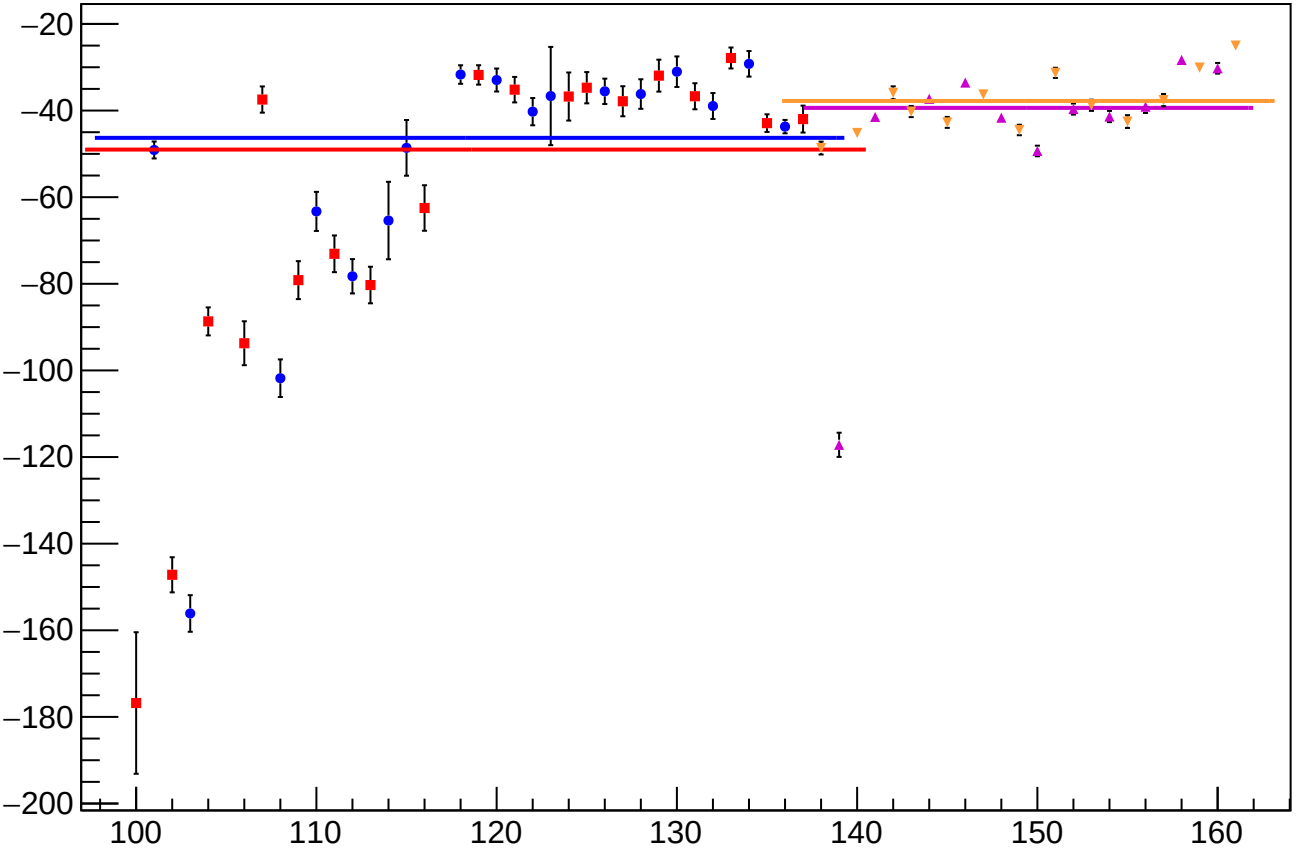
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.153+/-0.527 χ^2/NDF:307.6/10

Out: -34.469+/-0.491 χ^2/NDF:265.4/12

All: -32.925+/-0.359 χ^2/NDF: 594.2/23

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: -37.783+/-0.344 χ^2/NDF:366.3/12

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -39.383+/-0.369 χ^2/NDF:1043.2/10

Left: -38.527+/-0.252 χ^2/NDF: 1419.5/23

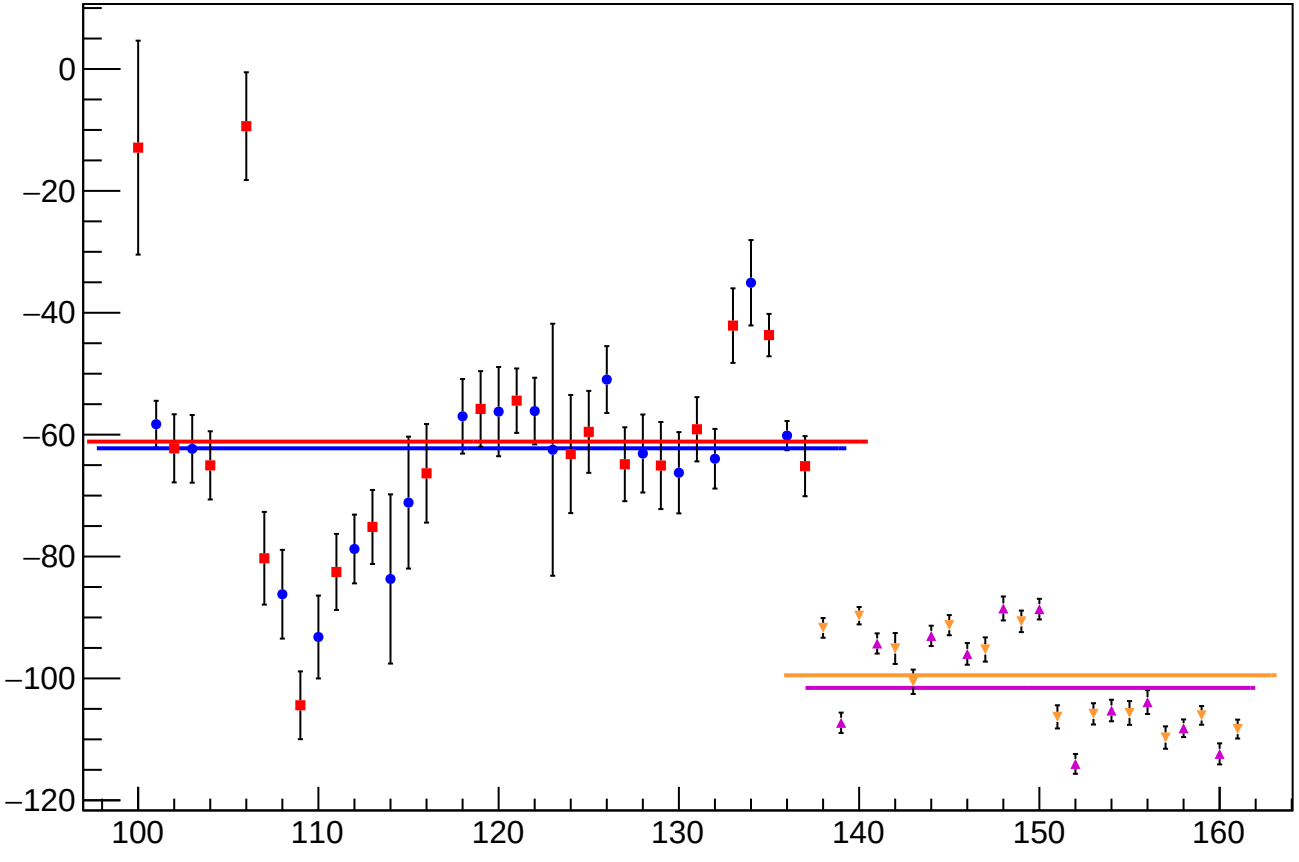
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -40.815+/-0.329 χ^2/NDF:2199.8/27

Out: -39.678+/-0.314 χ^2/NDF:1817.5/31

All: -40.220+/-0.227 χ^2/NDF: 4023.6/59

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: -99.483+/-0.487 χ^2/NDF:245.4/12

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -101.556+/-0.515 χ^2/NDF:294.0/10

Left: -100.462+/-0.354 χ^2/NDF: 547.9/23

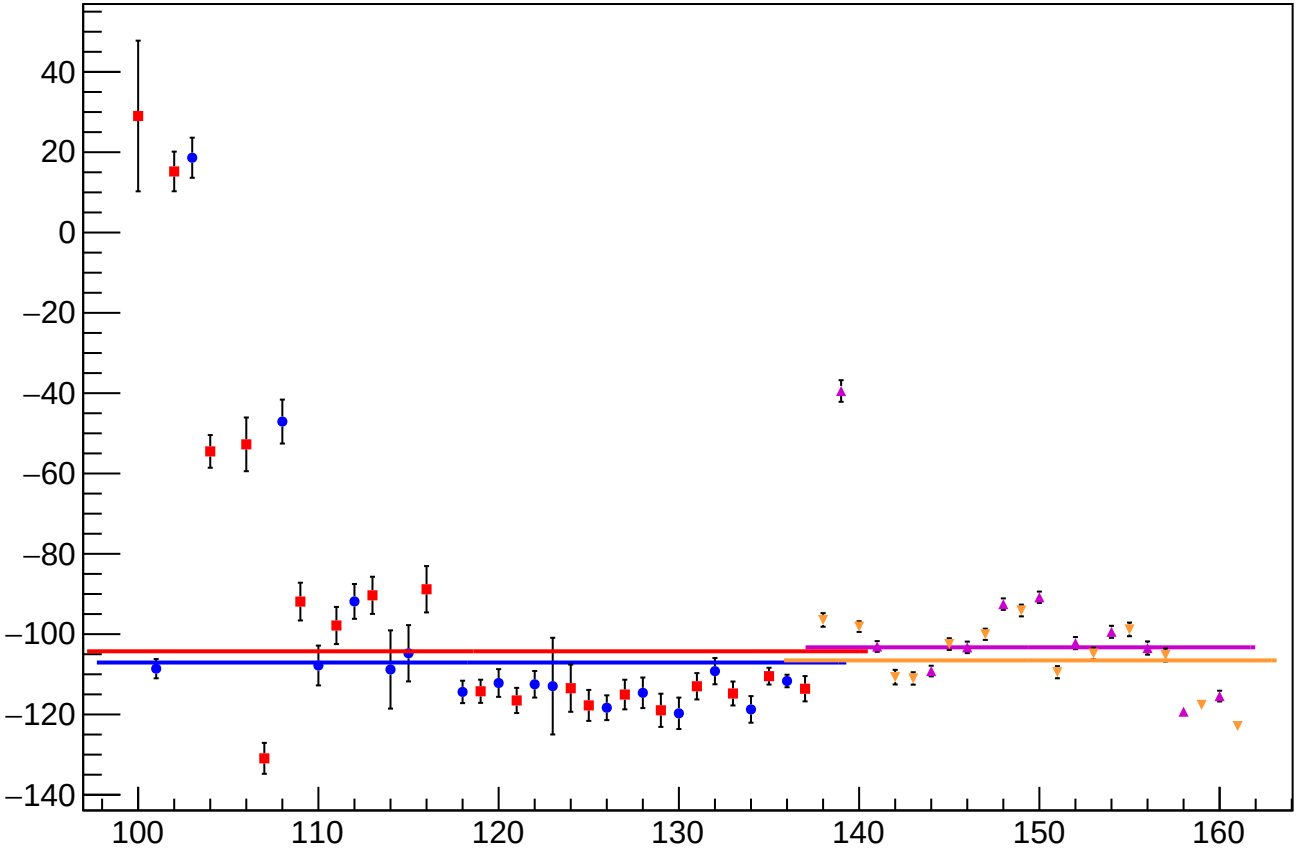
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -96.298+/-0.479 χ^2/NDF:1141.4/27

Out: -95.235+/-0.459 χ^2/NDF:1097.9/31

All: -95.744+/-0.332 χ^2/NDF: 2241.9/59

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: -106.536+/-0.405 χ^2/NDF:484.4/12

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -103.282+/-0.433 χ^2/NDF:1004.2/10

Left: -105.018+/-0.296 χ^2/NDF: 1518.7/23

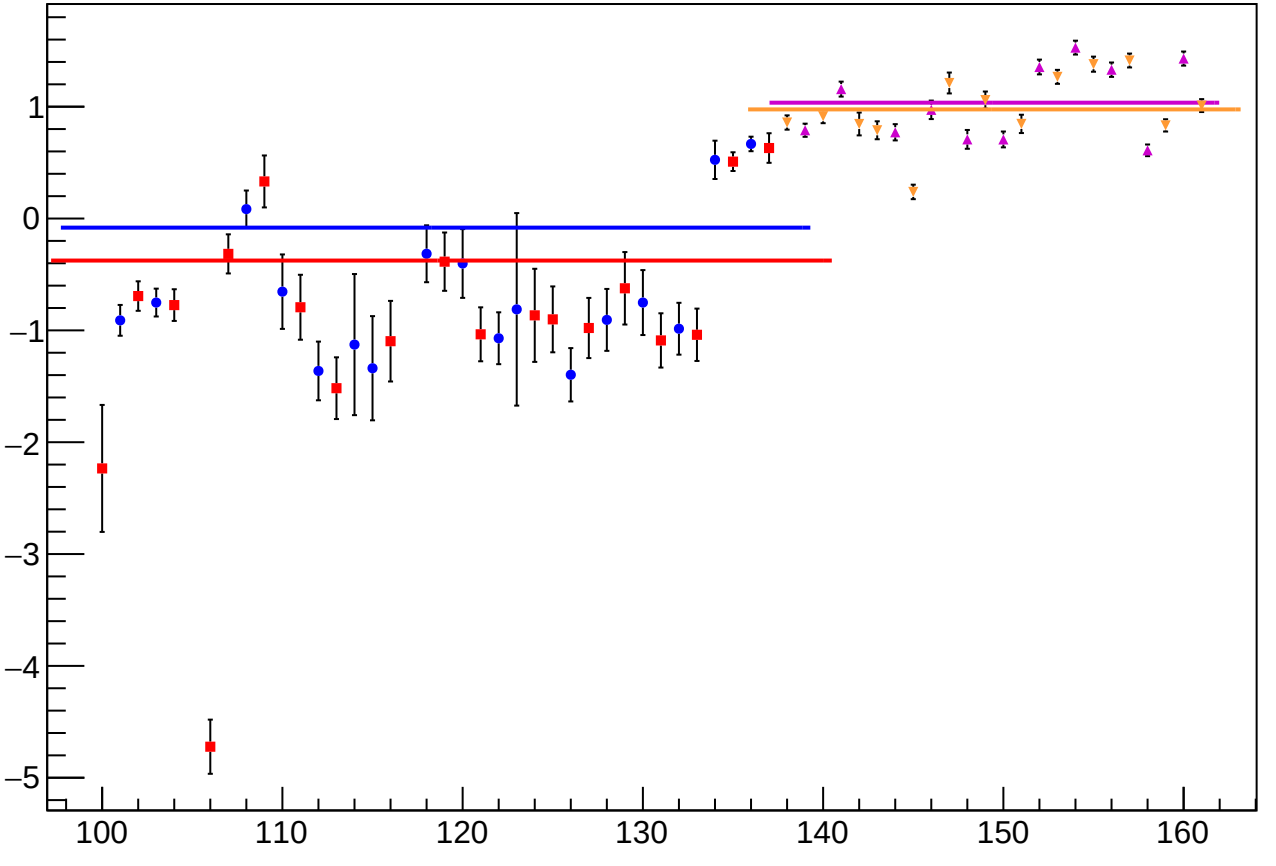
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -104.122+/-0.382 χ^2/NDF:1849.5/27

Out: -106.125+/-0.367 χ^2/NDF:1508.7/31

All: -105.165+/-0.265 χ^2/NDF: 3372.6/59

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: 0.976+/-0.019 χ^2/NDF:265.1/12

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 1.036+/-0.020 χ^2/NDF:284.4/10

Left: 1.004+/-0.014 χ^2/NDF: 554.2/23

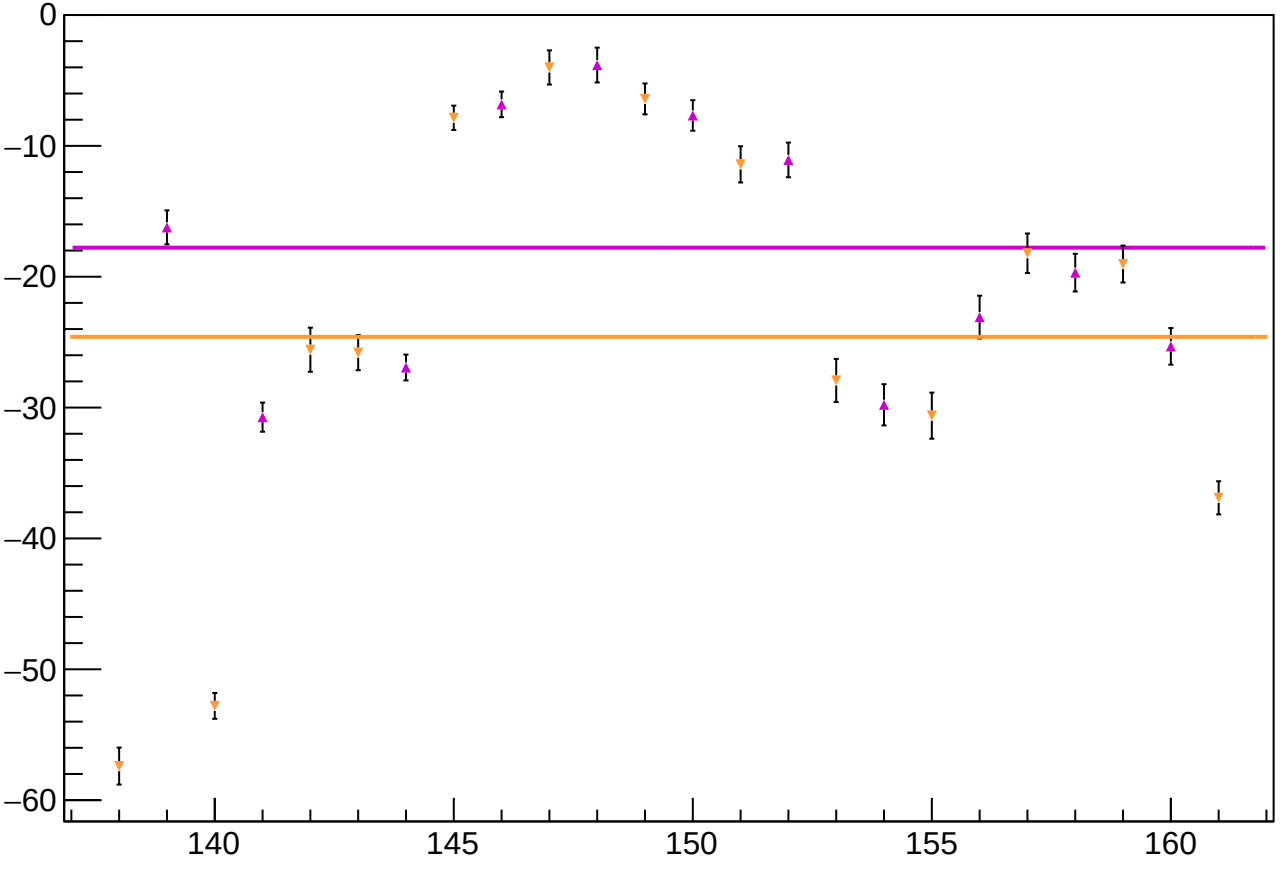
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.833+/-0.018 χ^2/NDF:1187.8/27

Out: 0.764+/-0.017 χ^2/NDF:1647.6/31

All: 0.797+/-0.012 χ^2/NDF: 2843.0/59

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: -24.594+/-0.361 χ^2/NDF:2394.9/12

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

Left In: -17.780+/-0.375 χ^2/NDF:658.0/10

Left: -21.316+/-0.260 χ^2/NDF: 3224.2/23

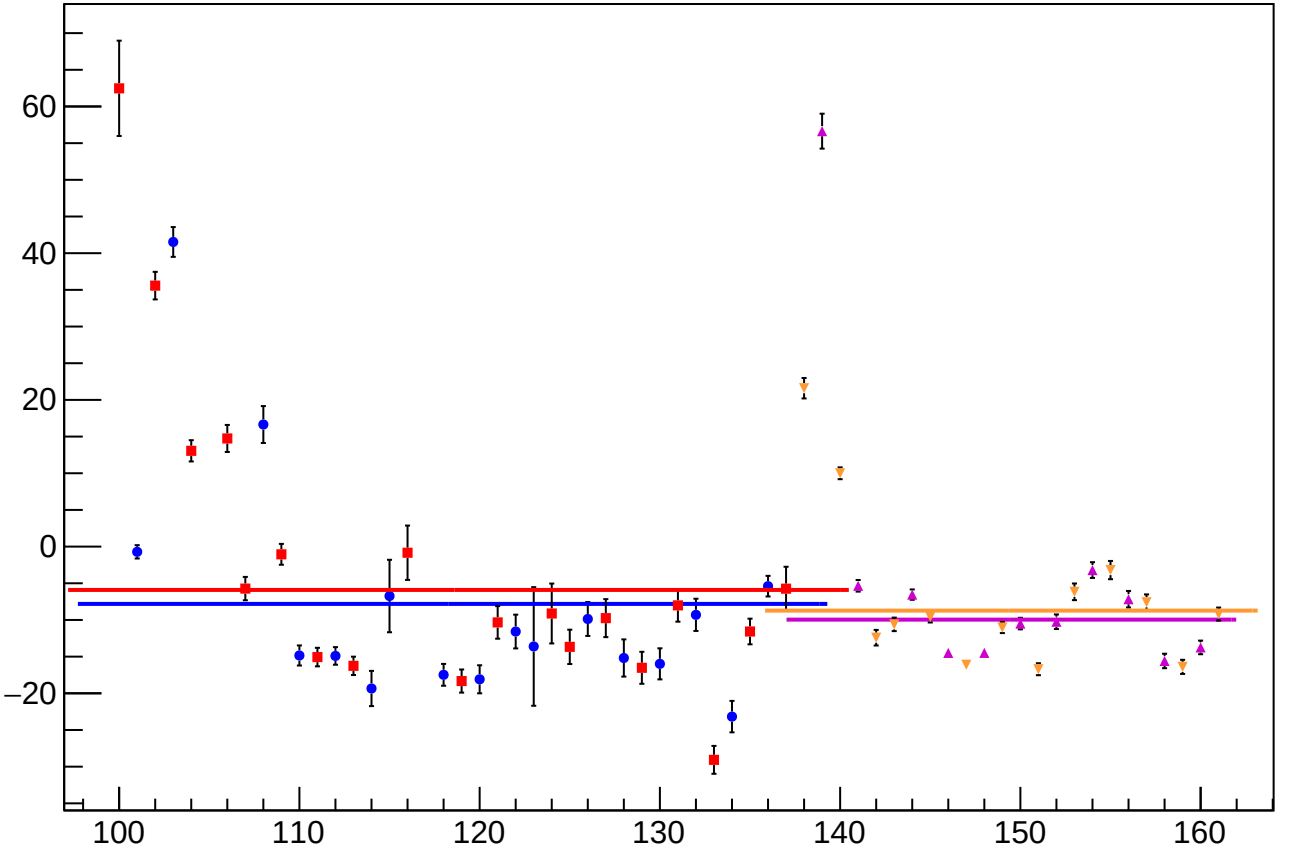
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.780+/-0.375 χ^2/NDF:658.0/10

Out: -24.594+/-0.361 χ^2/NDF:2394.9/12

All: -21.316+/-0.260 χ^2/NDF: 3224.2/23

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: -8.725+/-0.248 χ^2/NDF:1361.7/12

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -9.956+/-0.256 χ^2/NDF:1038.2/10

Left: -9.320+/-0.178 χ^2/NDF: 2411.9/23

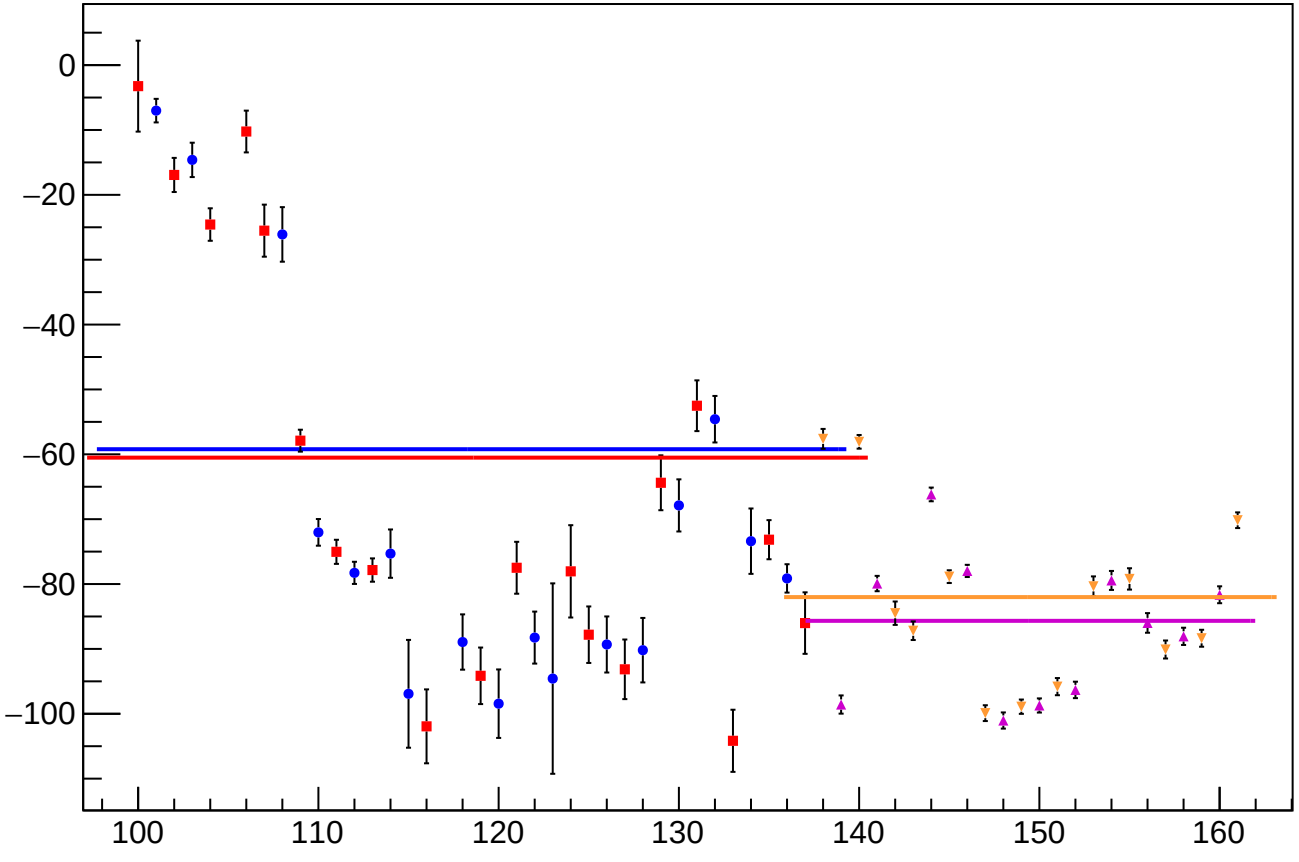
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -9.389+/-0.220 χ^2/NDF:2039.5/27

Out: -8.020+/-0.215 χ^2/NDF:2687.1/31

All: -8.689+/-0.154 χ^2/NDF: 4746.5/59

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: -82.012+/-0.358 χ^2/NDF:1509.7/12

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -85.673+/-0.367 χ^2/NDF:910.7/10

Left: -83.795+/-0.256 χ^2/NDF: 2471.3/23

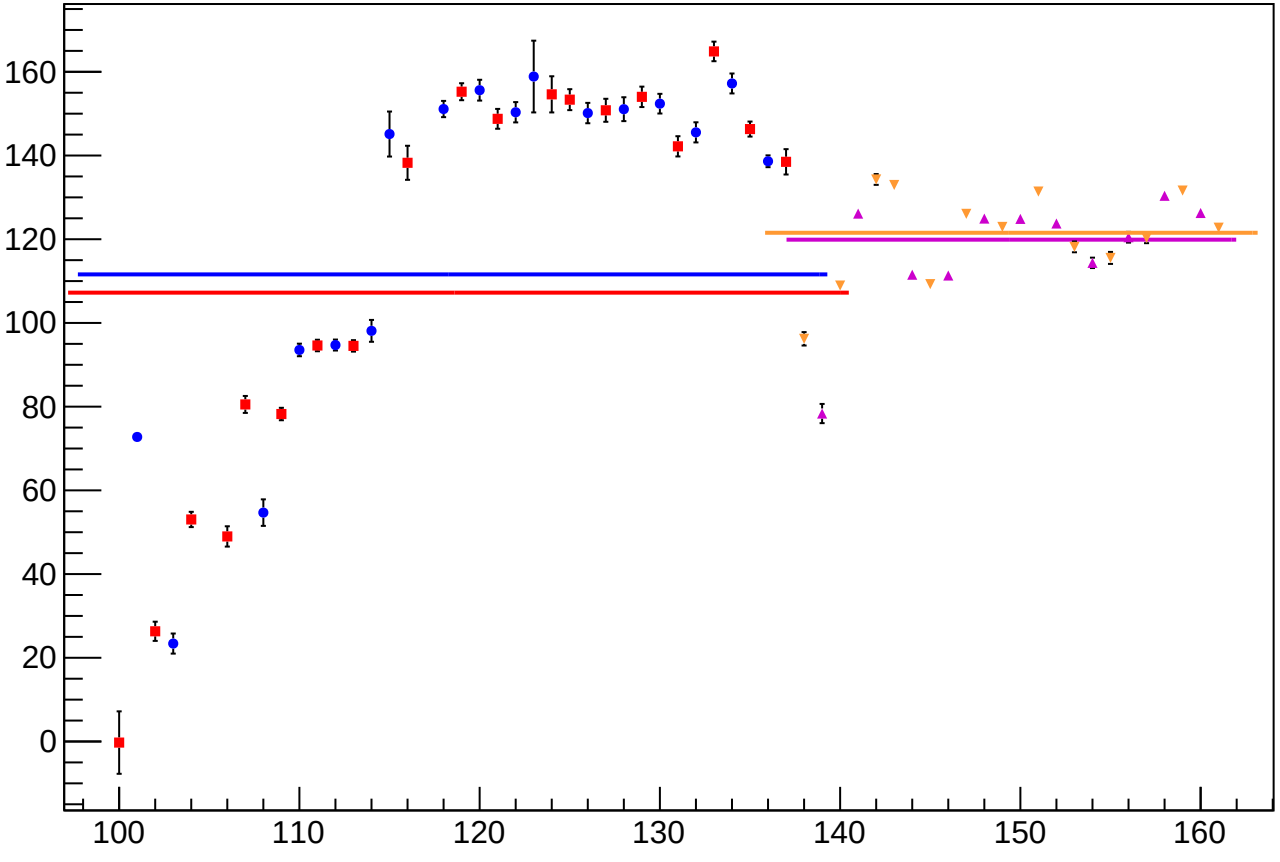
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -80.483+/-0.329 χ^2/NDF:3648.4/27

Out: -77.597+/-0.319 χ^2/NDF:3634.3/31

All: -78.994+/-0.229 χ^2/NDF: 7322.3/59

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: 121.545+/-0.295 χ^2/NDF:1060.2/12

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 119.894+/-0.306 χ^2/NDF:827.6/10

Left: 120.747+/-0.212 χ^2/NDF: 1902.9/23

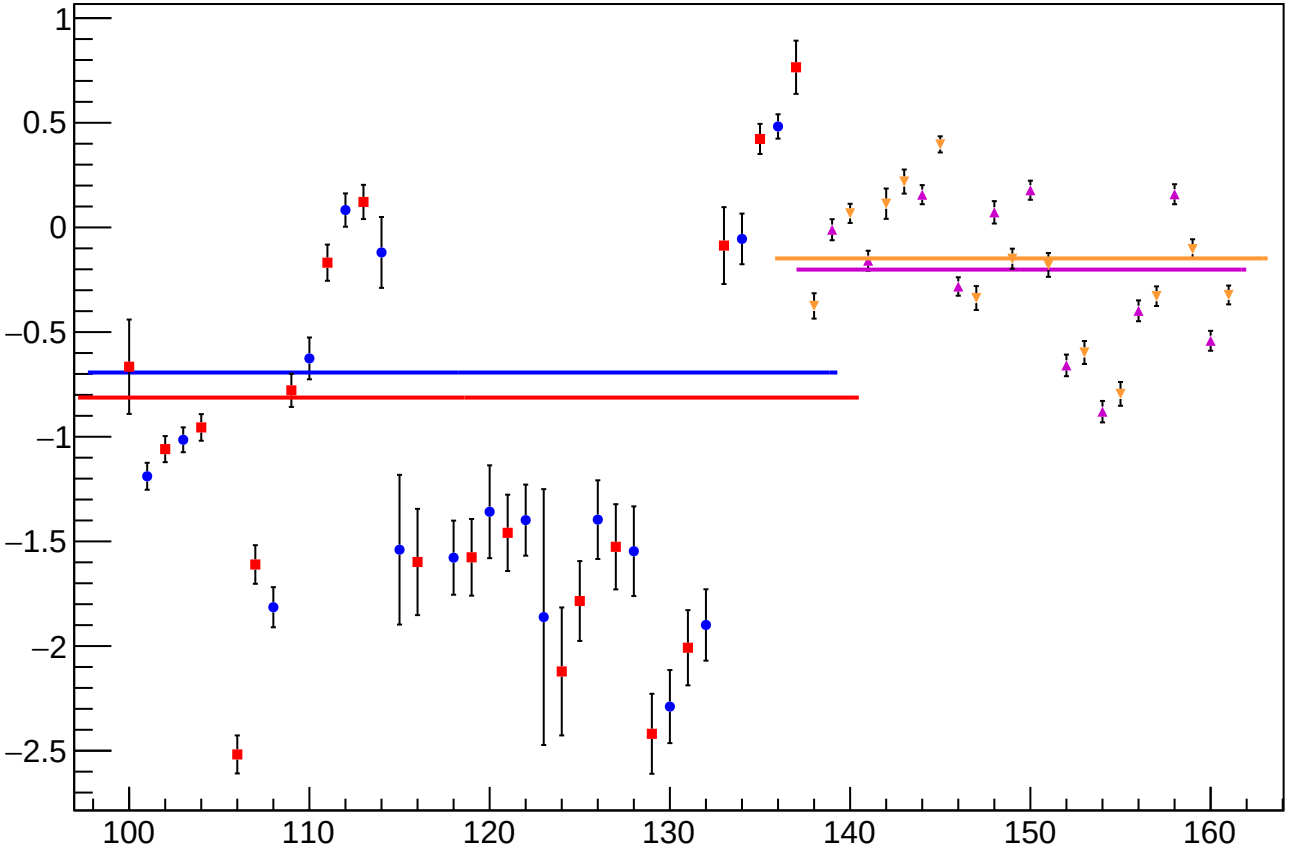
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 117.549+/-0.259 χ^2/NDF:6995.6/27

Out: 117.704+/-0.253 χ^2/NDF:8727.2/31

All: 117.628+/-0.181 χ^2/NDF: 15723.0/59

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: -0.148+/-0.014 χ^2/NDF:528.4/12

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.201+/-0.015 χ^2/NDF:552.4/10

Left: -0.174+/-0.010 χ^2/NDF: 1087.7/23

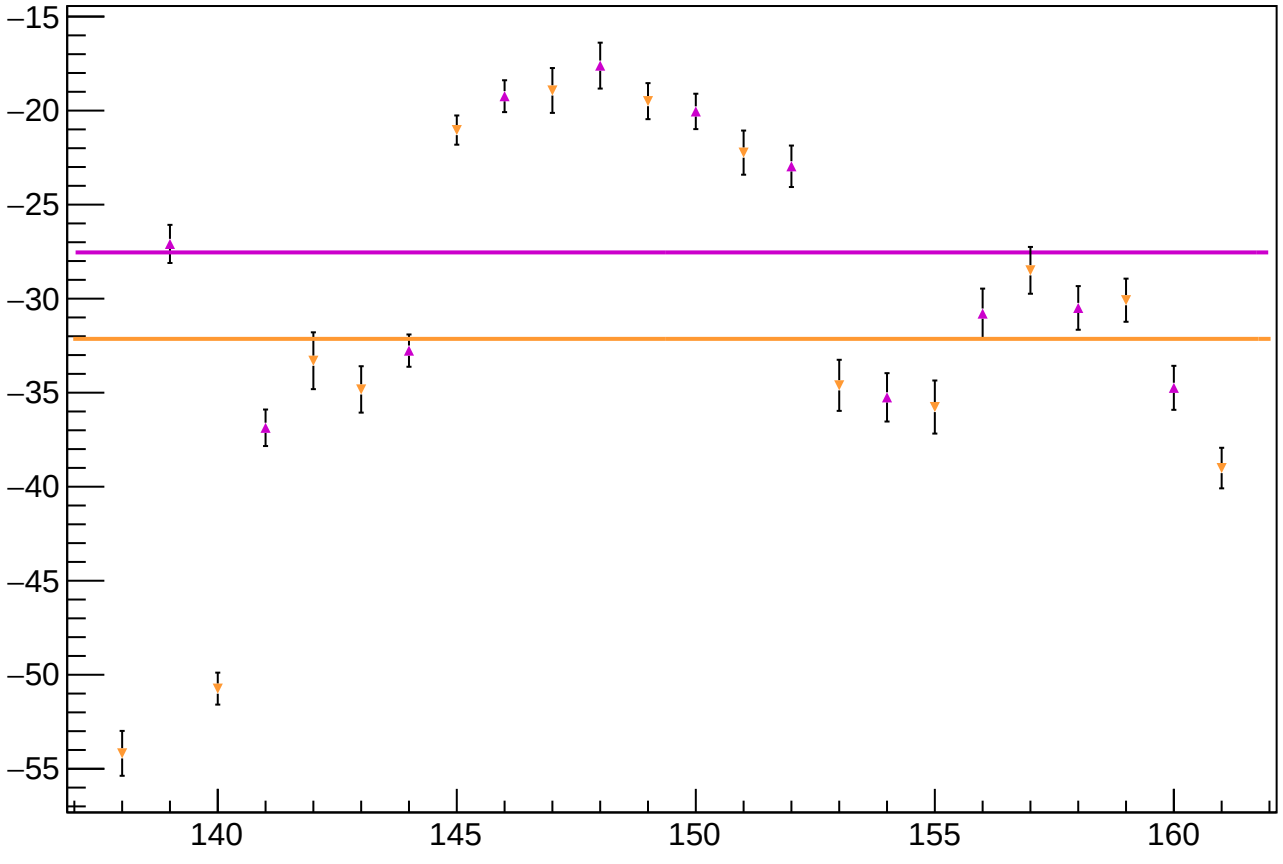
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.321+/-0.013 χ^2/NDF:1821.1/27

Out: -0.316+/-0.012 χ^2/NDF:2397.2/31

All: -0.318+/-0.009 χ^2/NDF: 4218.4/59

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: -32.139+/-0.306 χ^2/NDF:1459.7/12

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

Left In: -27.542+/-0.315 χ^2/NDF:458.8/10

Left: -29.909+/-0.220 χ^2/NDF: 2027.9/23

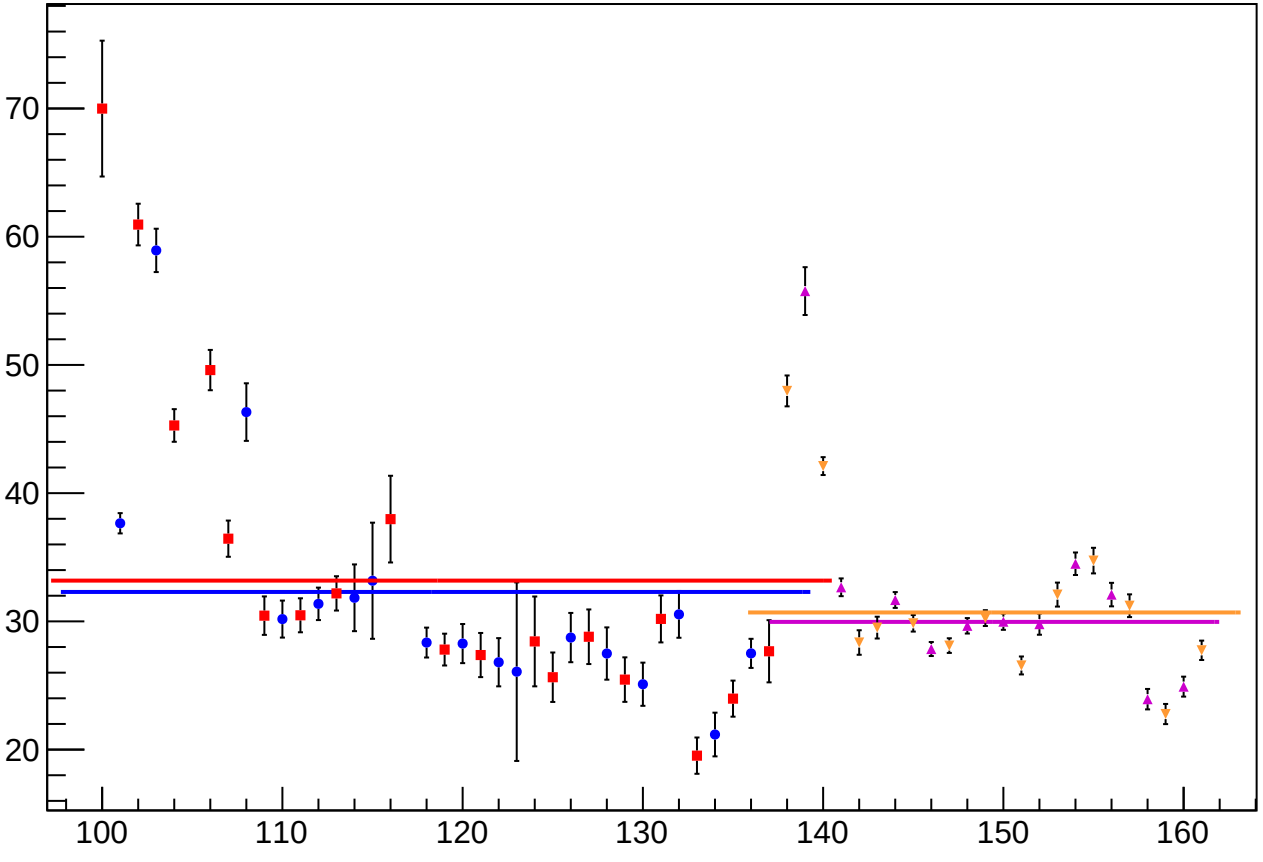
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -27.542+/-0.315 χ^2/NDF:458.8/10

Out: -32.139+/-0.306 χ^2/NDF:1459.7/12

All: -29.909+/-0.220 χ^2/NDF: 2027.9/23

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 30.695+/-0.213 χ^2/NDF:675.0/12

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 29.959+/-0.220 χ^2/NDF:360.7/10

Left: 30.339+/-0.153 χ^2/NDF: 1041.5/23

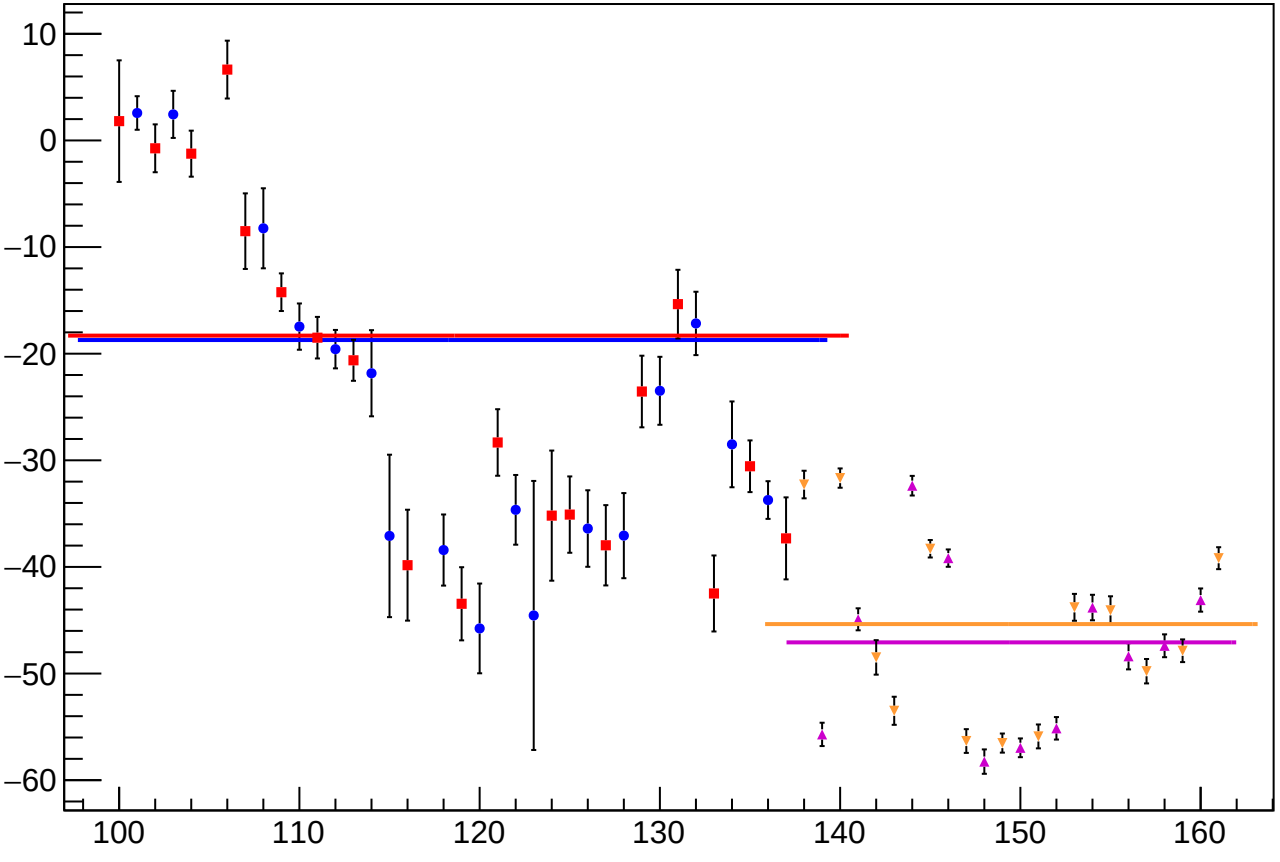
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 30.561+/-0.189 χ^2/NDF:842.1/27

Out: 31.290+/-0.185 χ^2/NDF:1477.9/31

All: 30.933+/-0.132 χ^2/NDF: 2327.6/59

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: -45.361+/-0.303 χ^2/NDF:846.7/12

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -47.077+/-0.309 χ^2/NDF:717.6/10

Left: -46.202+/-0.216 χ^2/NDF: 1580.1/23

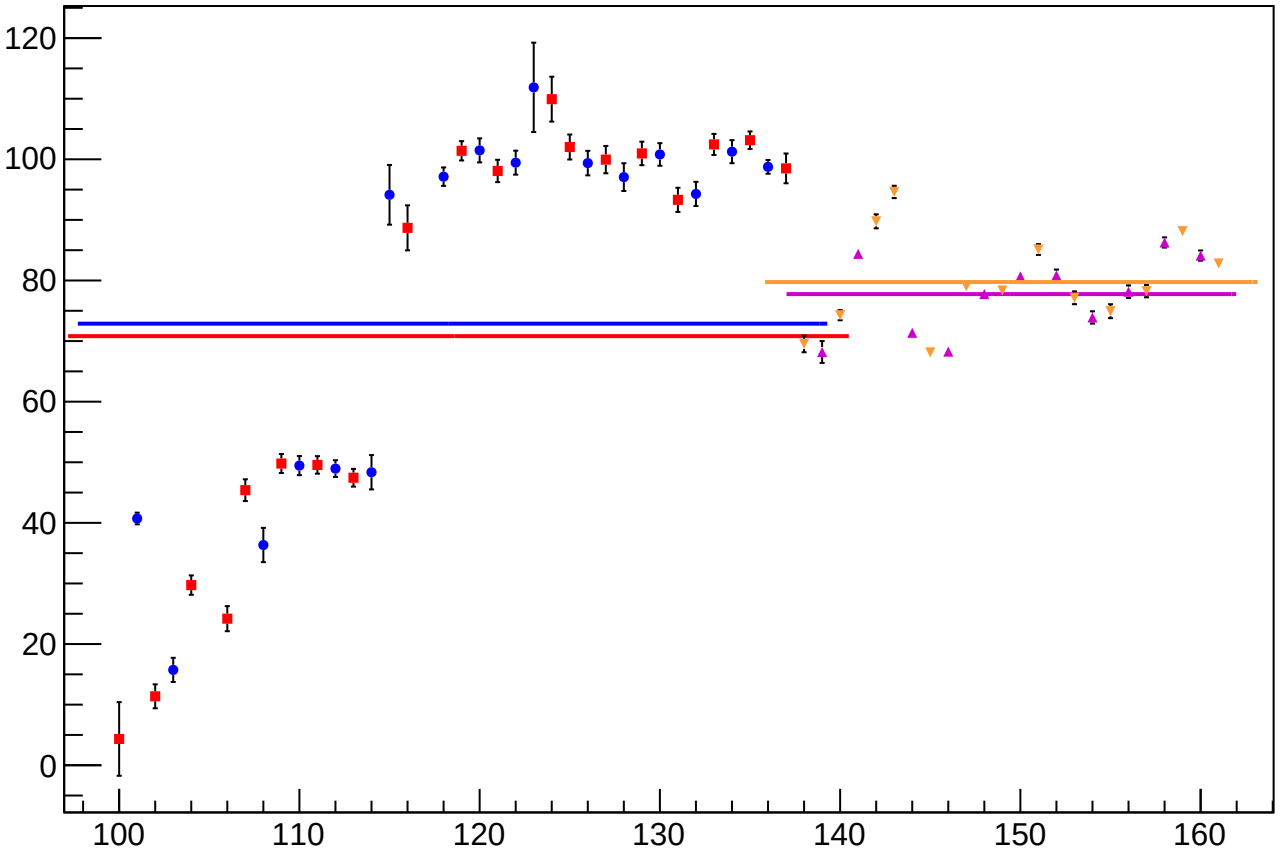
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -42.053+/-0.280 χ^2/NDF:2731.6/27

Out: -40.457+/-0.274 χ^2/NDF:2766.5/31

All: -41.238+/-0.196 χ^2/NDF: 5514.6/59

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 79.743+/-0.252 χ^2/NDF:814.6/12

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 77.754+/-0.260 χ^2/NDF:565.5/10

Left: 78.779+/-0.181 χ^2/NDF: 1410.3/23

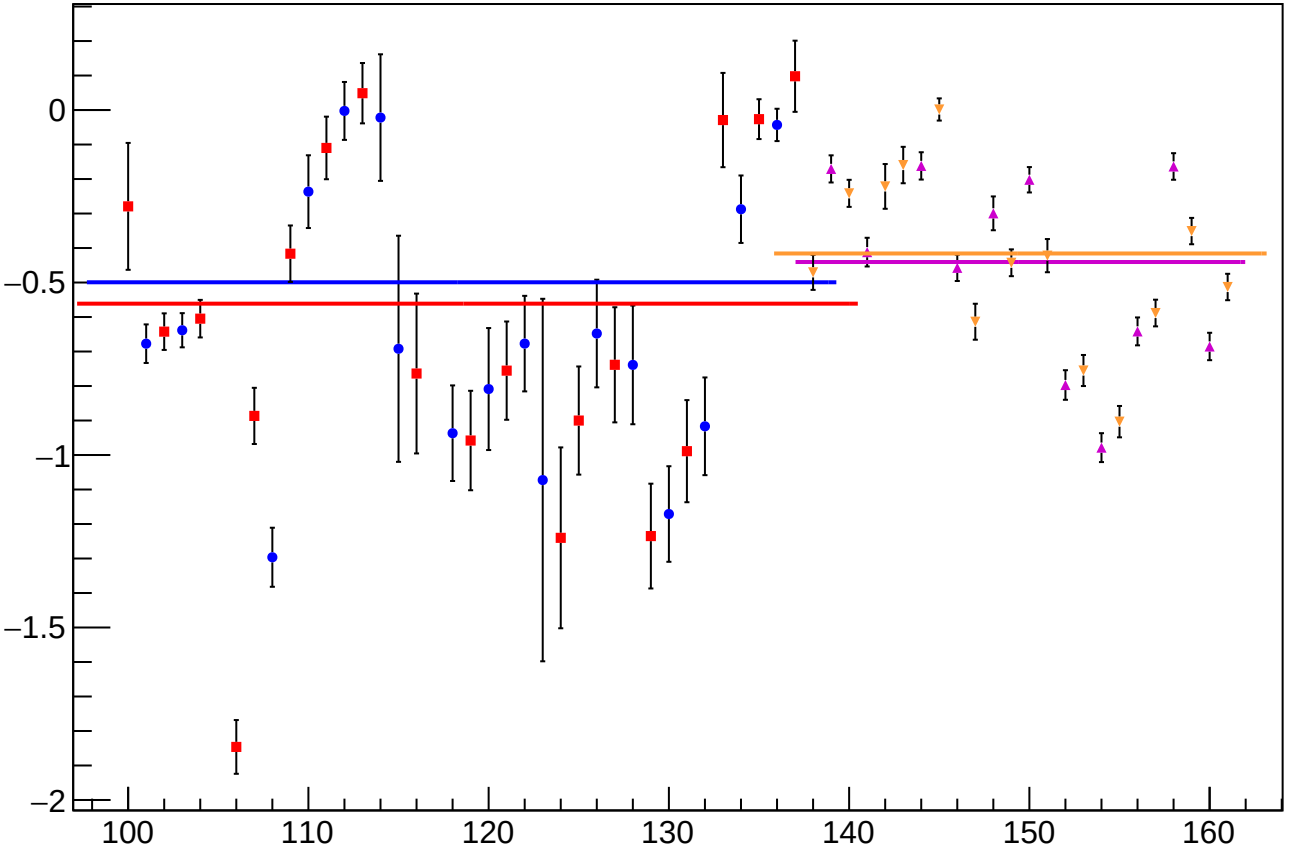
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 76.432+/-0.222 χ^2/NDF:5399.1/27

Out: 77.489+/-0.218 χ^2/NDF:6621.3/31

All: 76.970+/-0.155 χ^2/NDF: 12032.1/59

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: -0.416+/-0.012 χ^2/NDF:437.7/12

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.441+/-0.012 χ^2/NDF:495.9/10

Left: -0.428+/-0.009 χ^2/NDF: 935.7/23

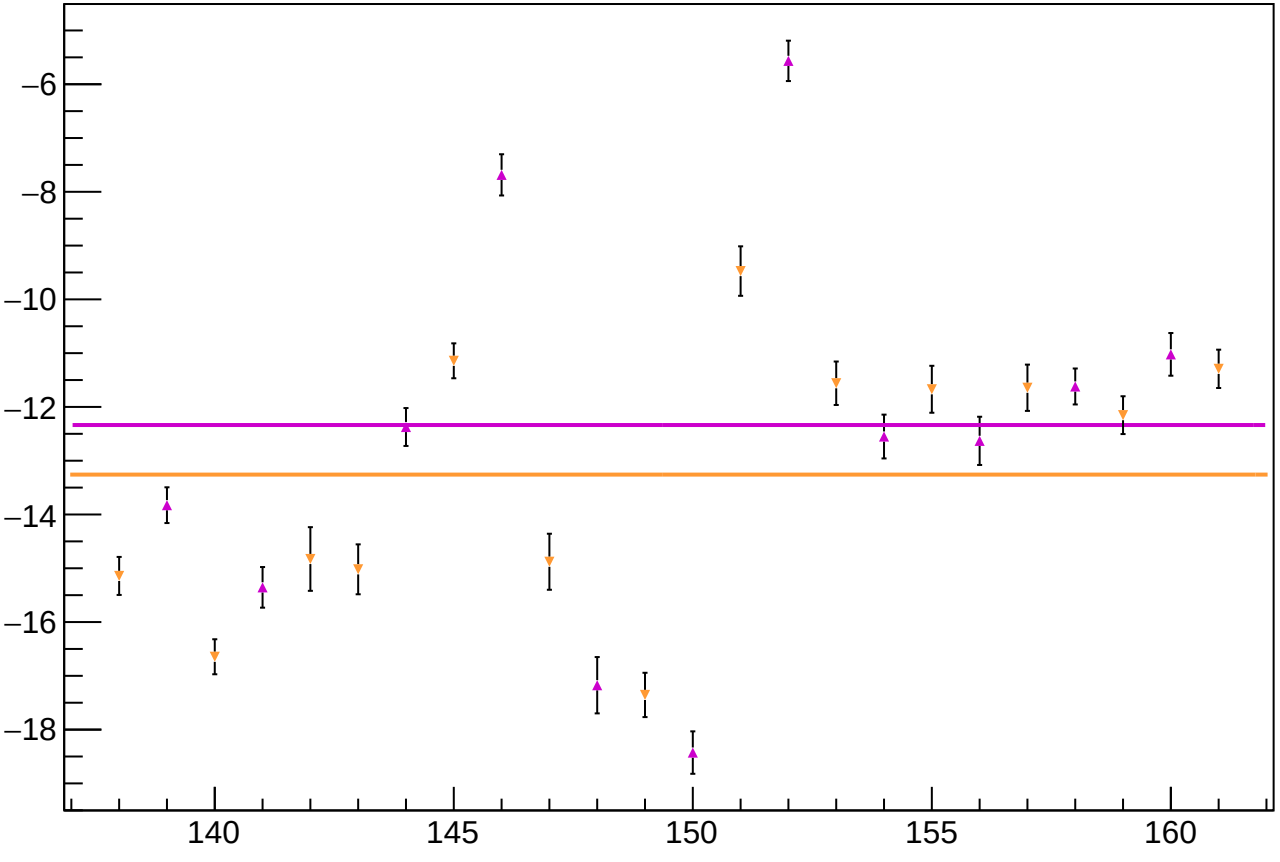
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.454+/-0.011 χ^2/NDF:804.7/27

Out: -0.450+/-0.010 χ^2/NDF:1035.3/31

All: -0.452+/-0.007 χ^2/NDF: 1840.1/59

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: -13.258+/-0.111 χ^2/NDF:462.2/12

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

Left In: -12.336+/-0.116 χ^2/NDF:896.3/10

Left: -12.818+/-0.080 χ^2/NDF: 1391.6/23

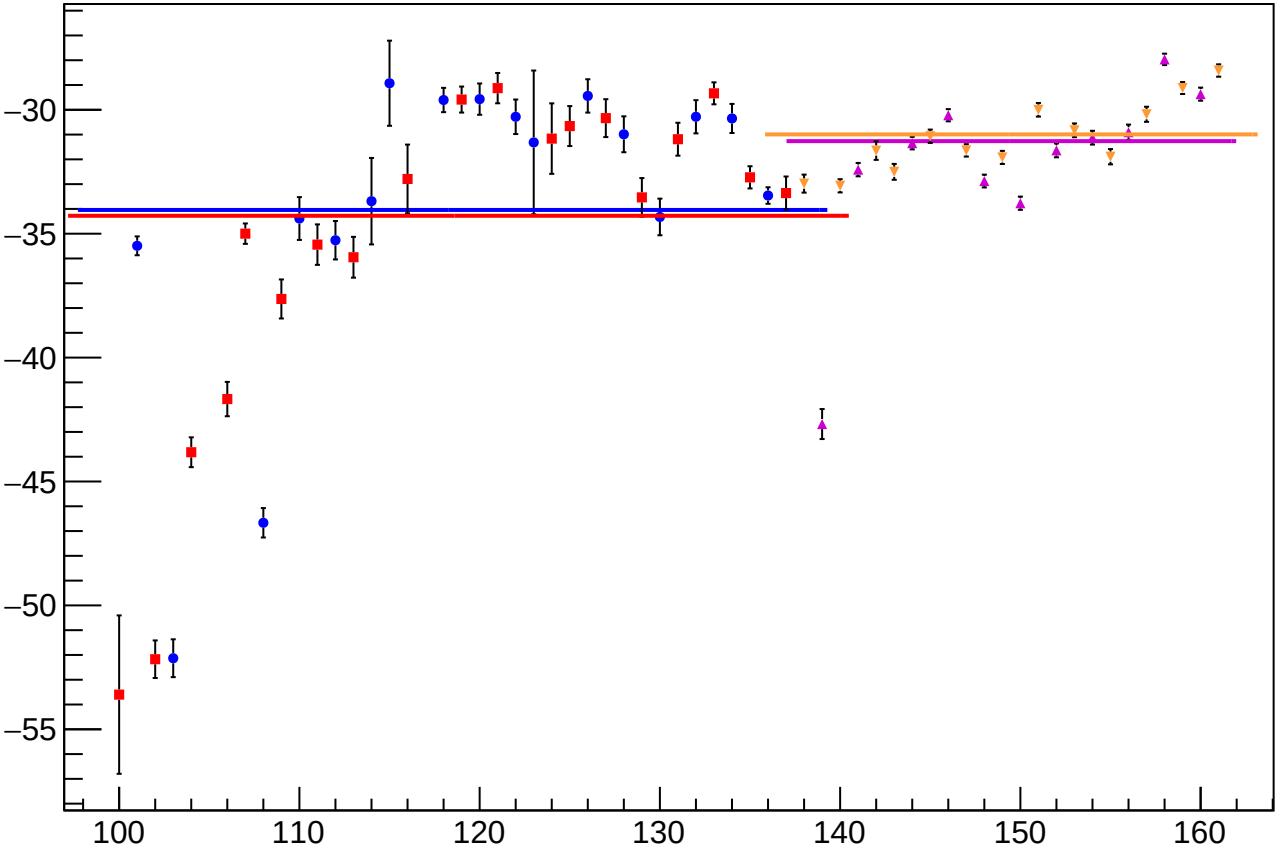
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.336+/-0.116 χ^2/NDF:896.3/10

Out: -13.258+/-0.111 χ^2/NDF:462.2/12

All: -12.818+/-0.080 χ^2/NDF: 1391.6/23

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: -30.993+/-0.078 χ^2/NDF:329.3/12

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -31.265+/-0.083 χ^2/NDF:778.8/10

Left: -31.122+/-0.057 χ^2/NDF: 1113.8/23

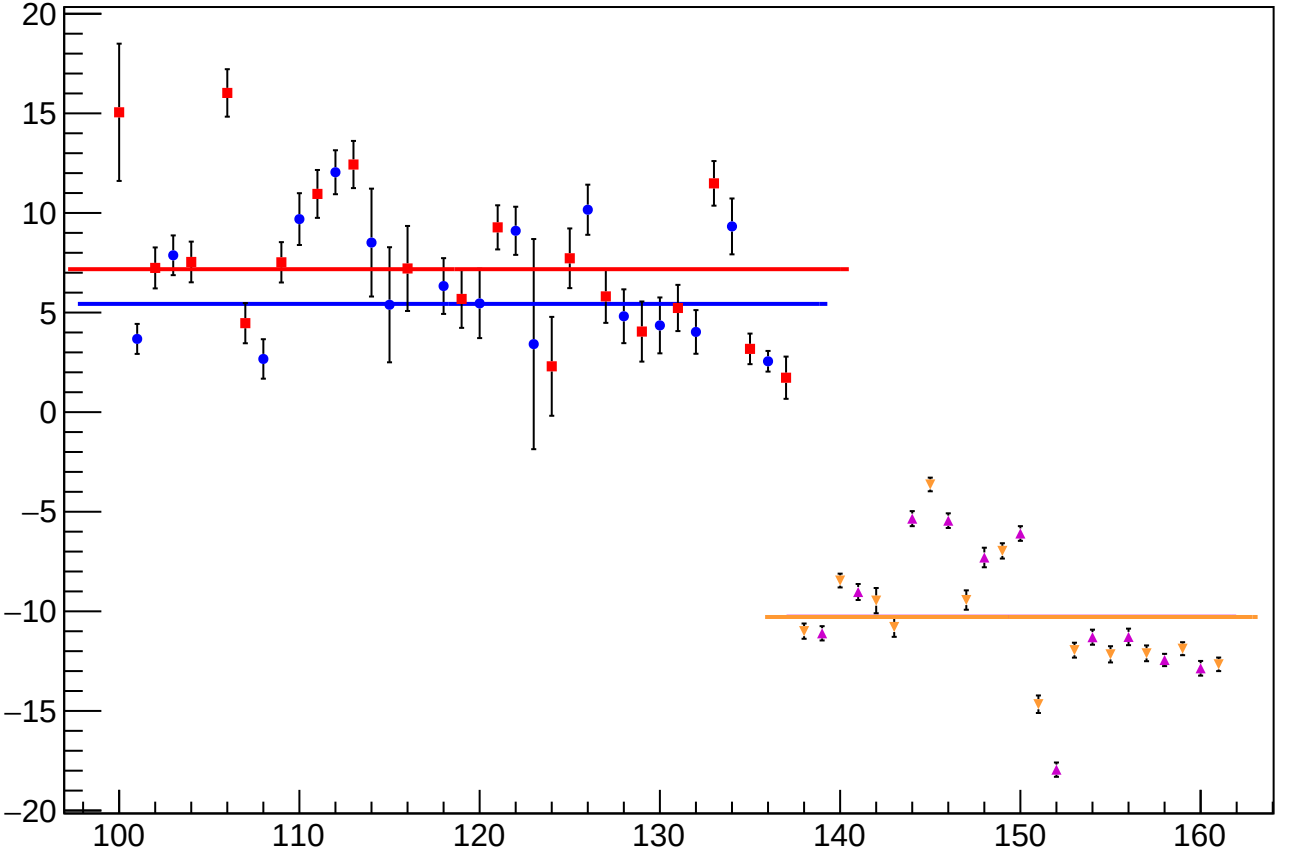
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -31.906+/-0.072 χ^2/NDF:2380.8/27

Out: -31.691+/-0.070 χ^2/NDF:2052.0/31

All: -31.794+/-0.050 χ^2/NDF: 4437.4/59

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -10.284+/-0.109 χ^2/NDF:721.2/12

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -10.271+/-0.113 χ^2/NDF:1090.8/10

Left: -10.278+/-0.079 χ^2/NDF: 1812.0/23

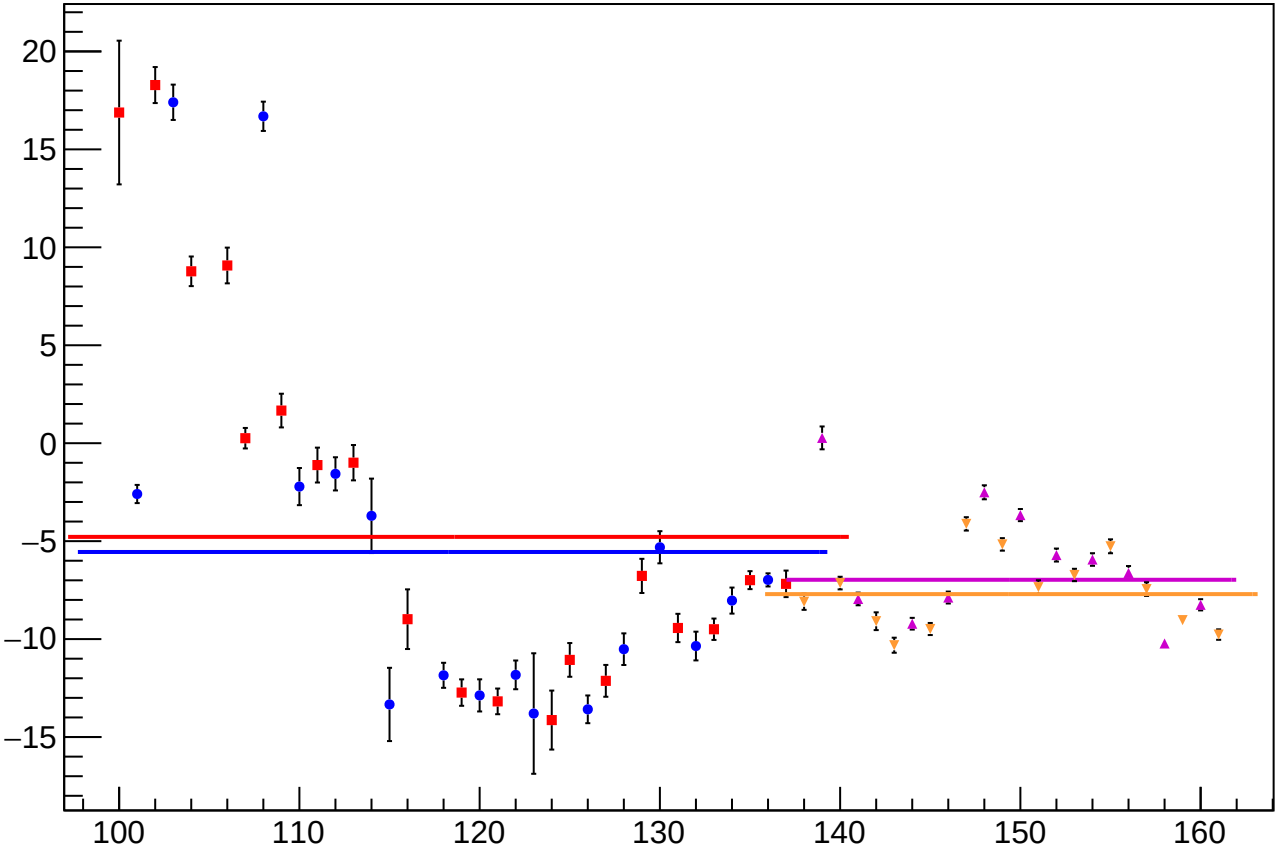
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -7.920+/-0.104 χ^2/NDF:4109.3/27

Out: -7.894+/-0.101 χ^2/NDF:4404.7/31

All: -7.907+/-0.073 χ^2/NDF: 8514.0/59

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: -7.704+/-0.091 χ^2/NDF:411.1/12

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -6.972+/-0.096 χ^2/NDF:723.2/10

Left: -7.356+/-0.066 χ^2/NDF: 1164.8/23

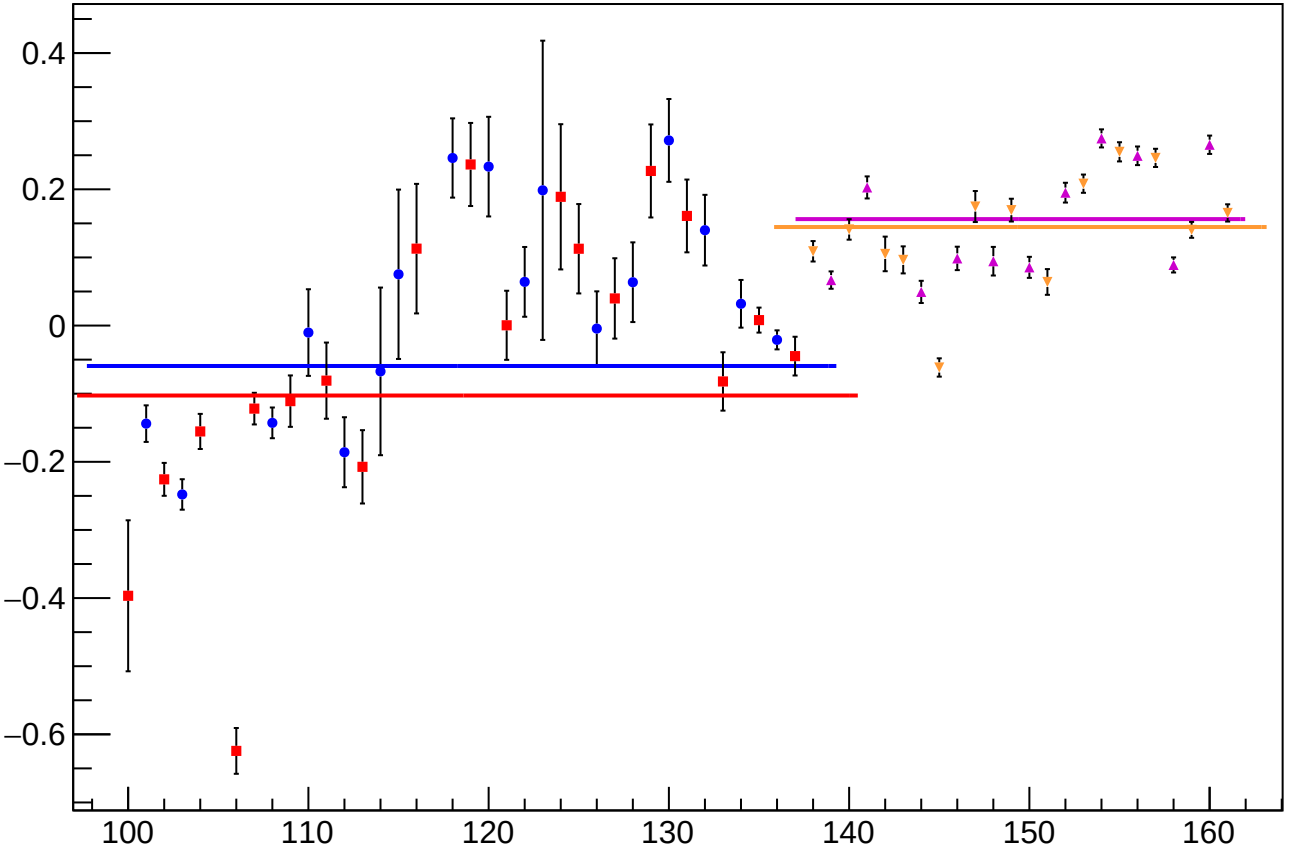
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -6.629+/-0.084 χ^2/NDF:2901.4/27

Out: -7.065+/-0.081 χ^2/NDF:2674.9/31

All: -6.854+/-0.058 χ^2/NDF: 5590.4/59

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: 0.145+/-0.004 χ^2/NDF:415.7/12

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.156+/-0.004 χ^2/NDF:376.9/10

Left: 0.150+/-0.003 χ^2/NDF: 796.4/23

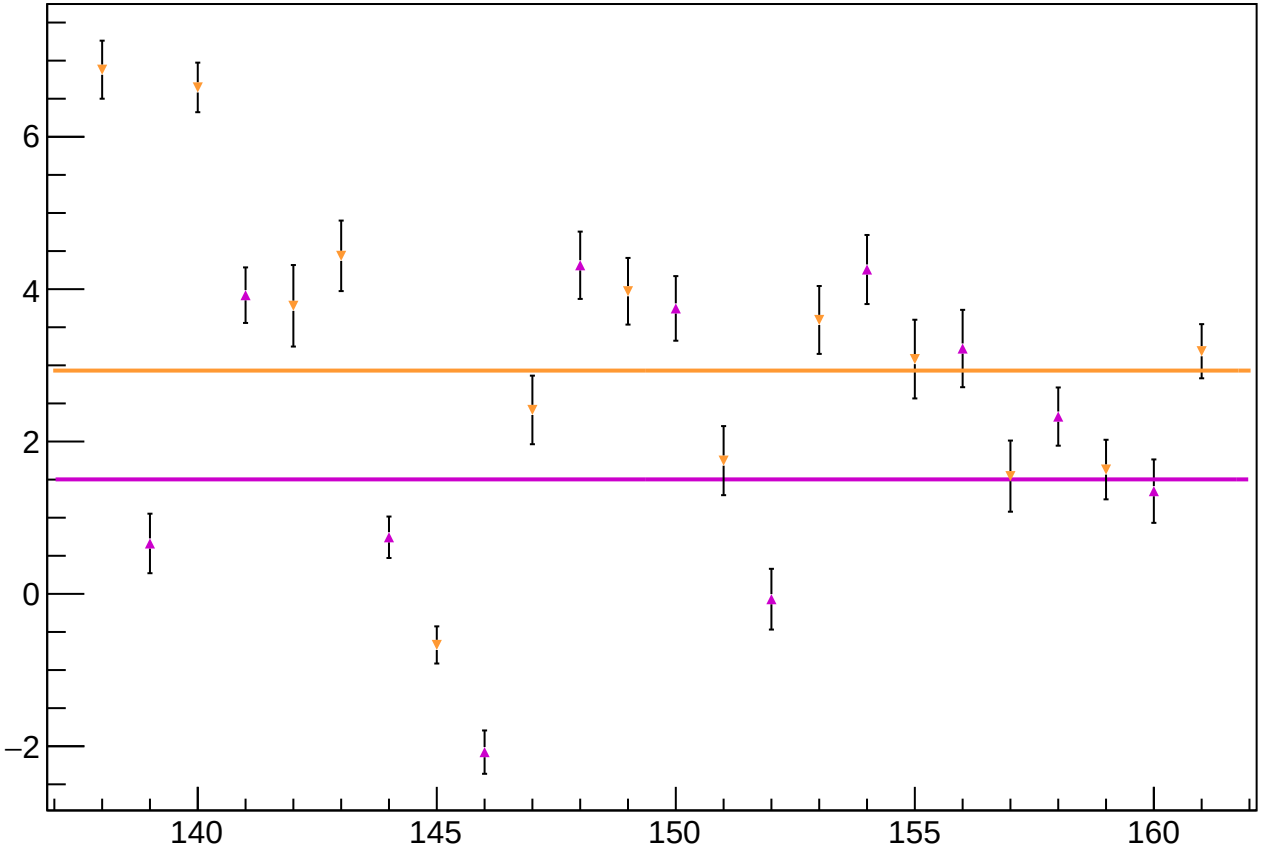
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.111+/-0.004 χ^2/NDF:1115.3/27

Out: 0.095+/-0.004 χ^2/NDF:1541.9/31

All: 0.103+/-0.003 χ^2/NDF: 2665.3/59

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: 2.931+/-0.109 χ^2/NDF:505.7/12

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

Left In: 1.503+/-0.113 χ^2/NDF:352.0/10

Left: 2.243+/-0.078 χ^2/NDF: 940.4/23

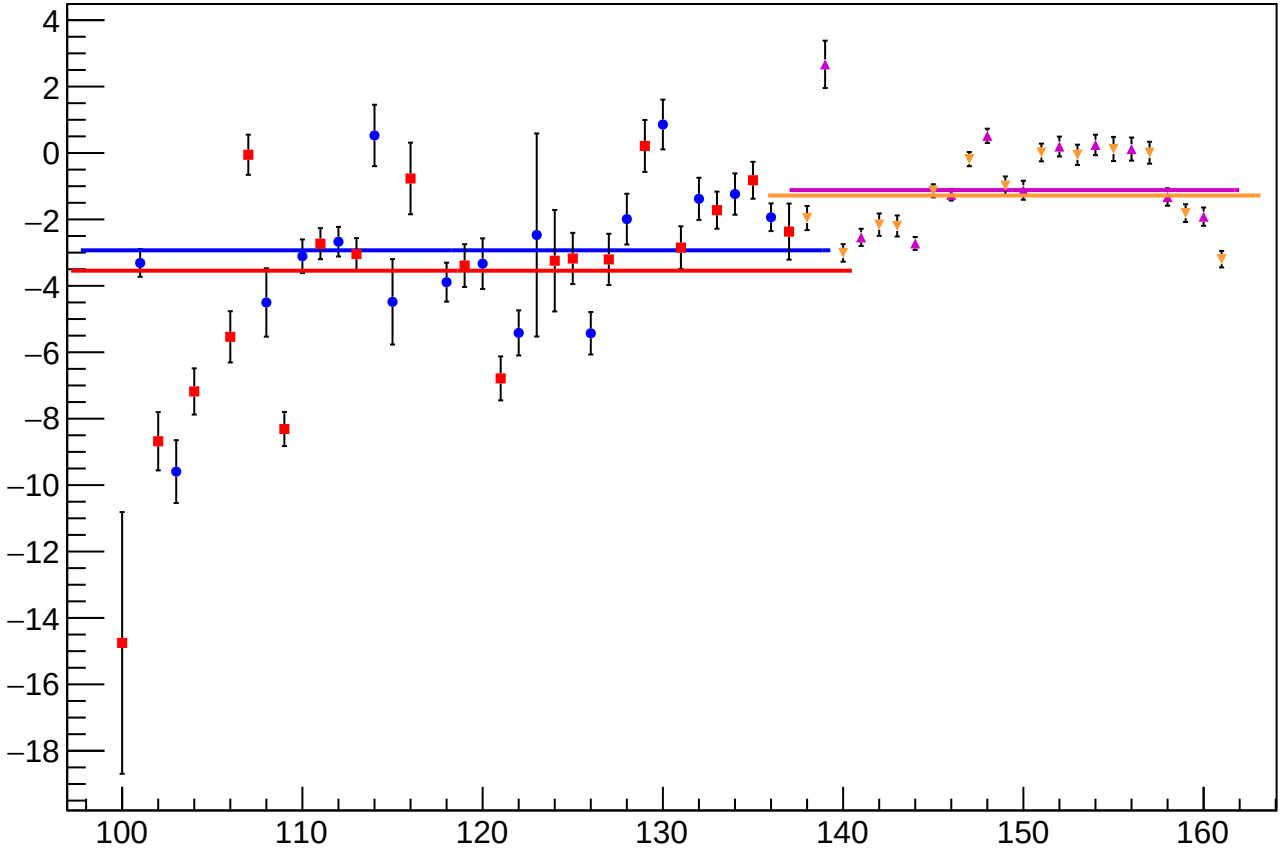
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.503+/-0.113 χ^2/NDF:352.0/10

Out: 2.931+/-0.109 χ^2/NDF:505.7/12

All: 2.243+/-0.078 χ^2/NDF: 940.4/23

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: -1.280+/-0.076 χ^2/NDF:222.3/12

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.117+/-0.077 χ^2/NDF:245.4/10

Left: -1.200+/-0.054 χ^2/NDF: 470.0/23

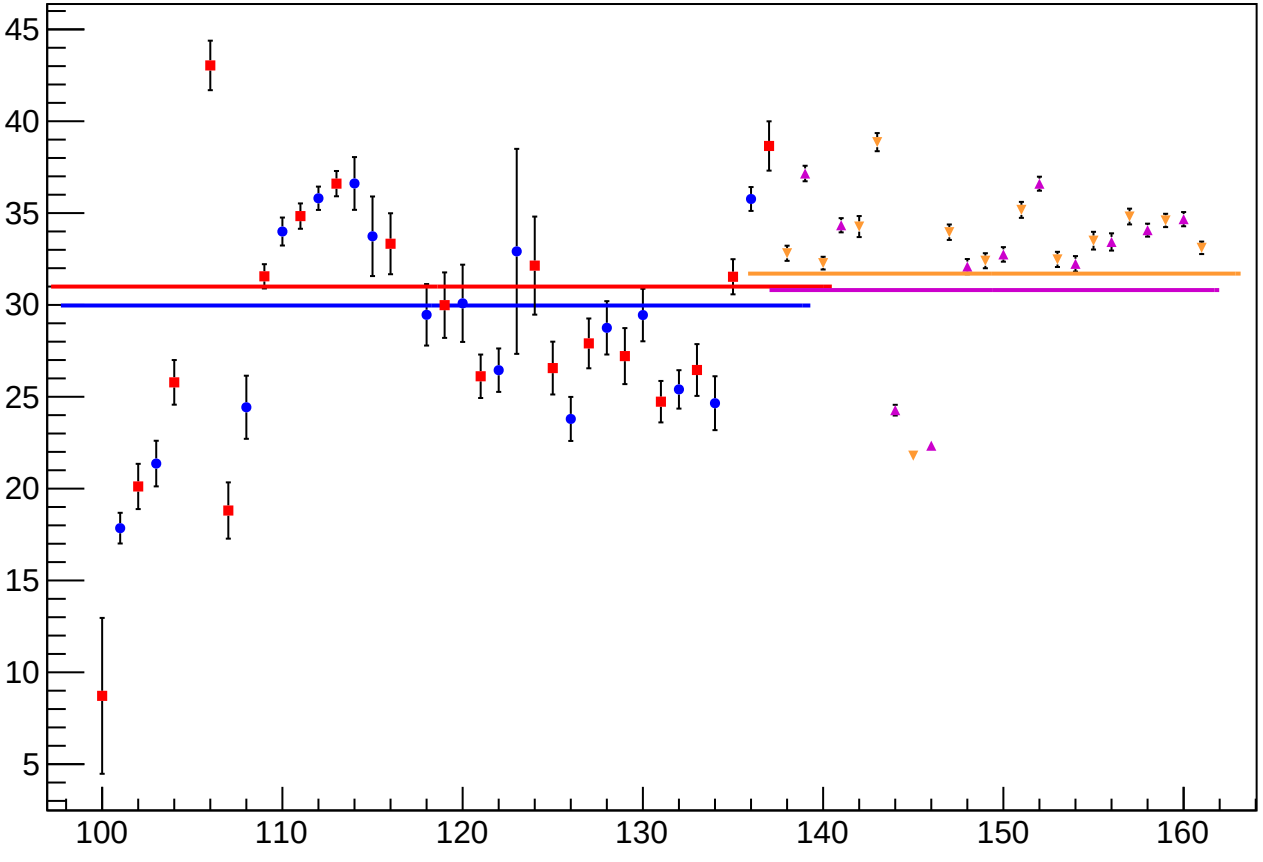
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.481+/-0.069 χ^2/NDF:502.8/27

Out: -1.721+/-0.068 χ^2/NDF:686.6/31

All: -1.603+/-0.049 χ^2/NDF: 1195.6/59

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: 31.705+/-0.109 χ^2/NDF:1942.2/12

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 30.810+/-0.111 χ^2/NDF:2265.3/10

Left: 31.267+/-0.078 χ^2/NDF: 4240.9/23

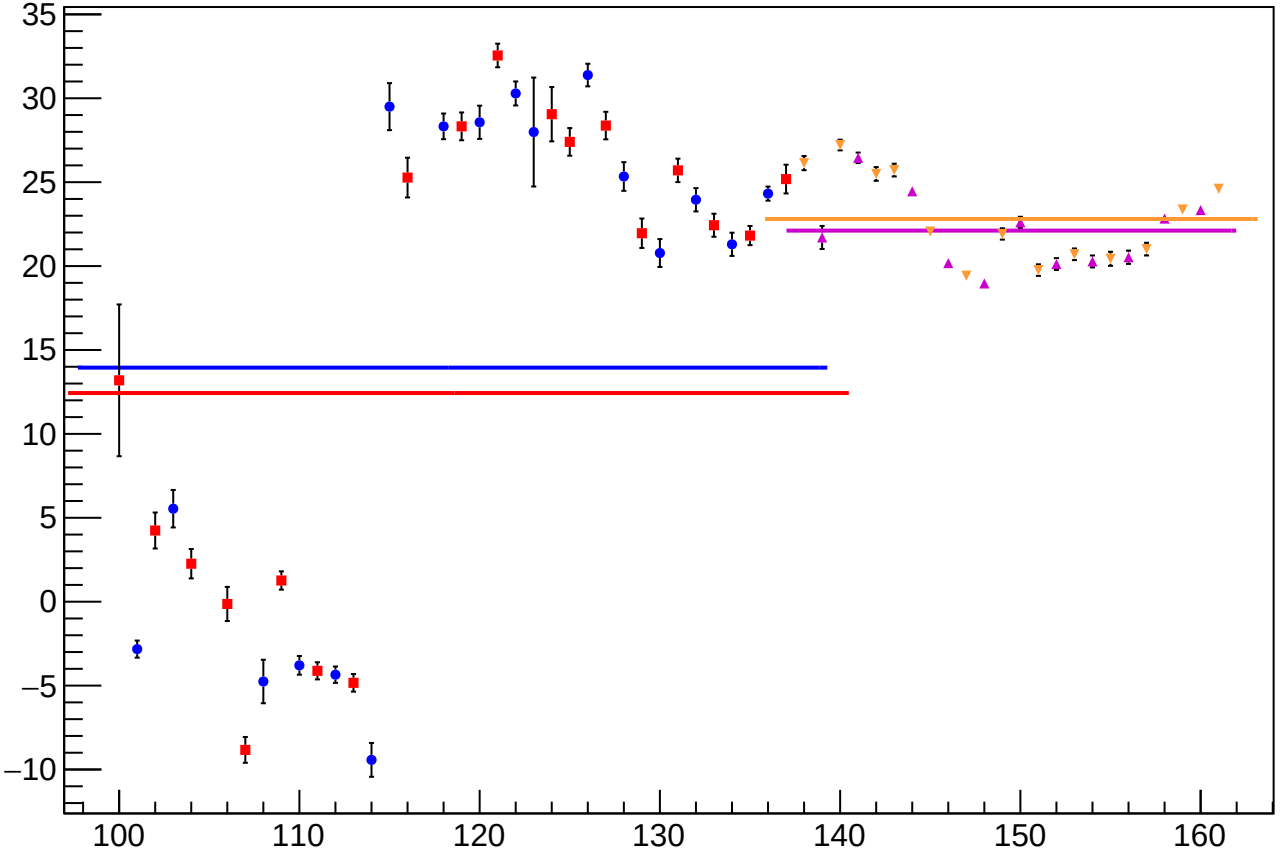
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 30.686+/-0.102 χ^2/NDF:2828.1/27

Out: 31.600+/-0.100 χ^2/NDF:2428.0/31

All: 31.153+/-0.072 χ^2/NDF: 5296.9/59

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: 22.807+/-0.090 χ^2/NDF:722.6/12

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 22.114+/-0.092 χ^2/NDF:584.2/10

Left: 22.468+/-0.064 χ^2/NDF: 1335.9/23

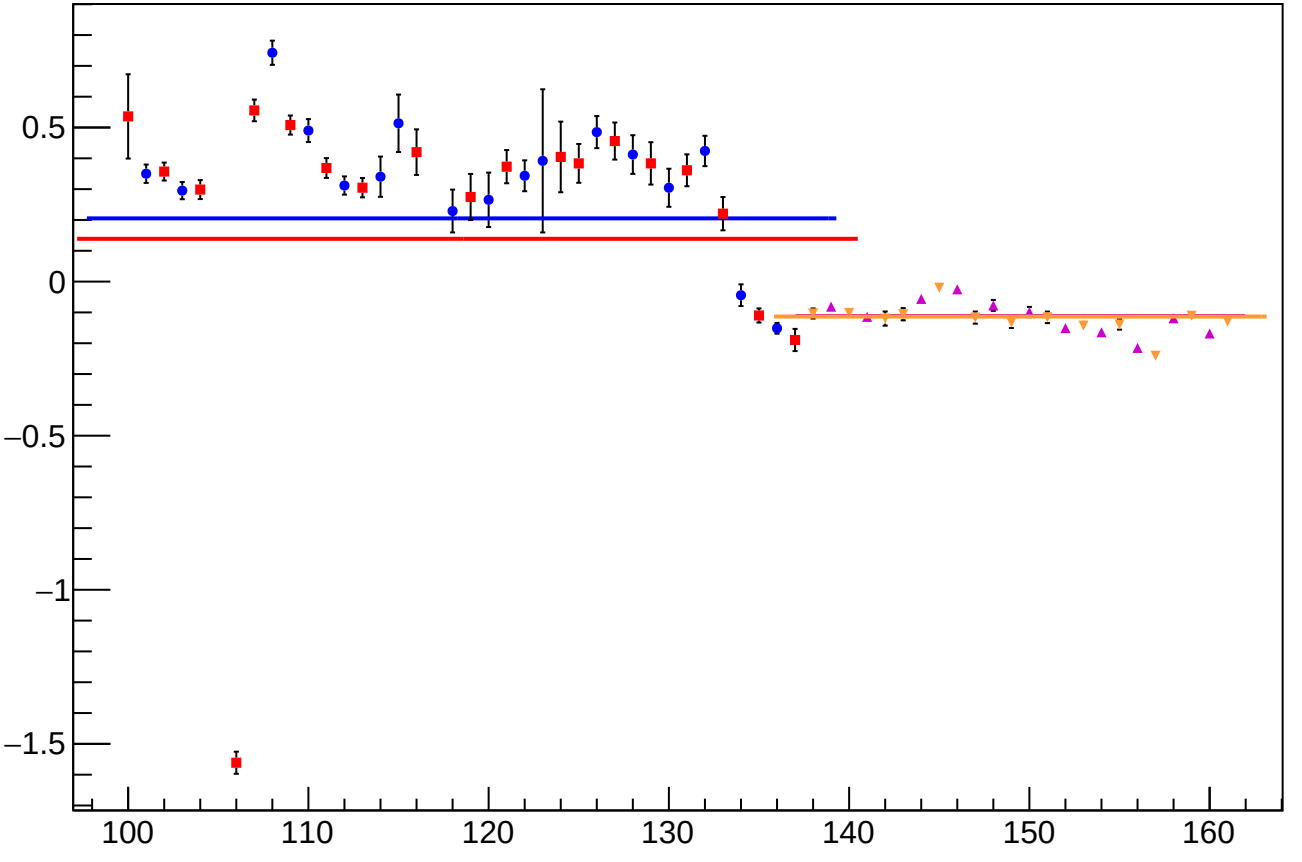
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 20.301+/-0.081 χ^2/NDF:9730.3/27

Out: 20.620+/-0.080 χ^2/NDF:10500.0/31

All: 20.463+/-0.057 χ^2/NDF: 20238.2/59

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: -0.113+/-0.004 χ^2/NDF:172.2/12

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.112+/-0.004 χ^2/NDF:155.0/10

Left: -0.113+/-0.003 χ^2/NDF: 327.3/23

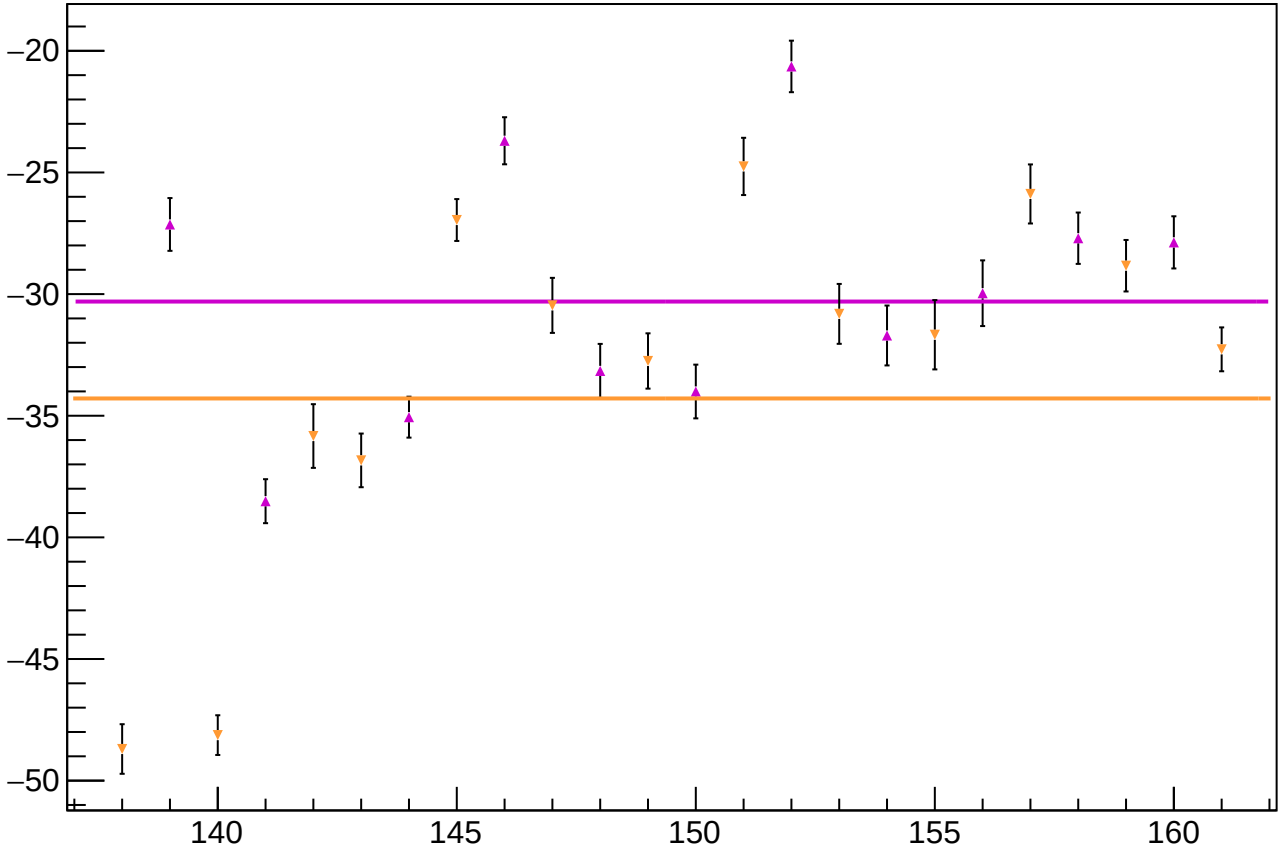
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.055+/-0.004 χ^2/NDF:1940.0/27

Out: -0.069+/-0.004 χ^2/NDF:3809.8/31

All: -0.062+/-0.003 χ^2/NDF: 5756.9/59

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: -34.290+/-0.296 χ^2/NDF:736.4/12

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

Left In: -30.306+/-0.315 χ^2/NDF:283.2/10

Left: -32.428+/-0.216 χ^2/NDF: 1104.5/23

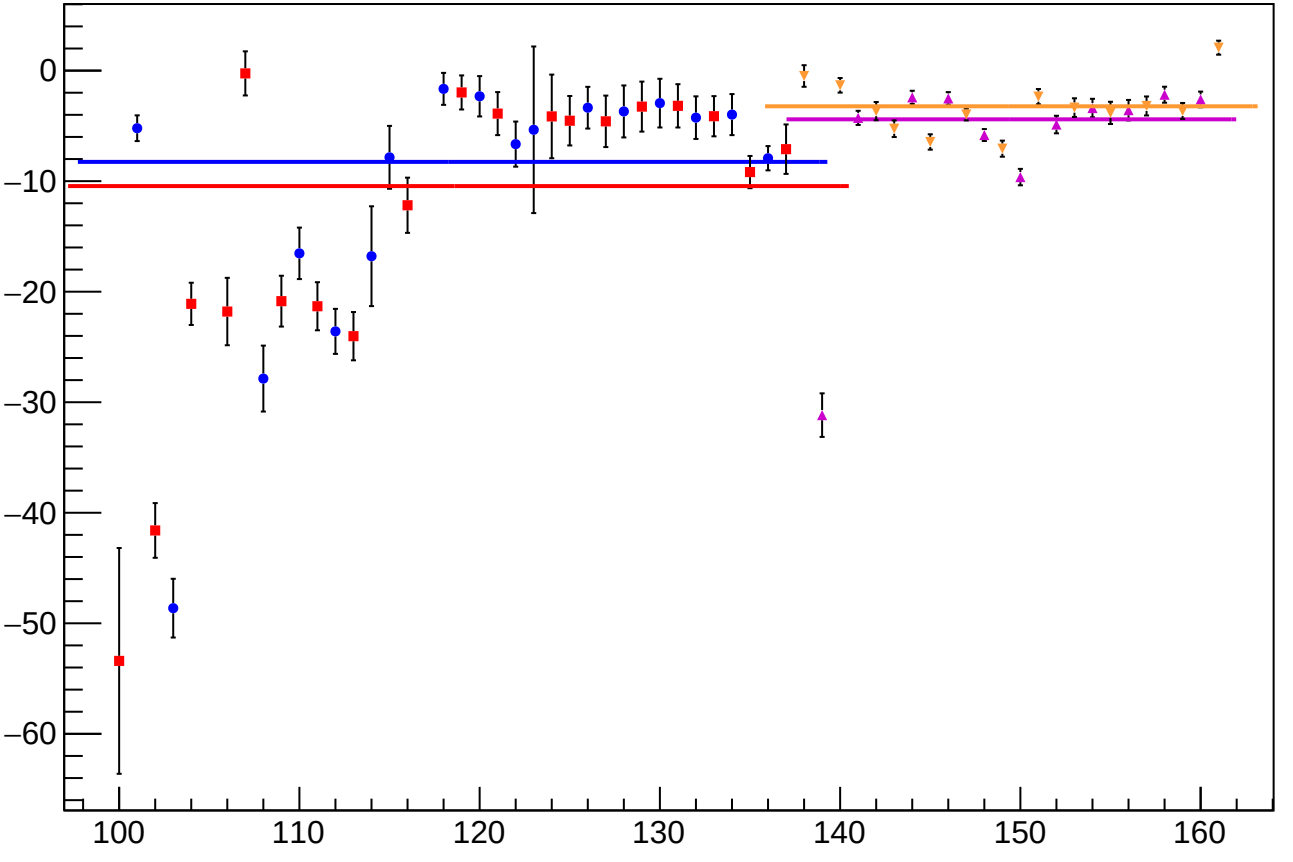
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.306+/-0.315 χ^2/NDF:283.2/10

Out: -34.290+/-0.296 χ^2/NDF:736.4/12

All: -32.428+/-0.216 χ^2/NDF: 1104.5/23

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: -3.228+/-0.203 χ^2/NDF:147.1/12

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -4.407+/-0.214 χ^2/NDF:281.5/10

Left: -3.788+/-0.147 χ^2/NDF: 444.5/23

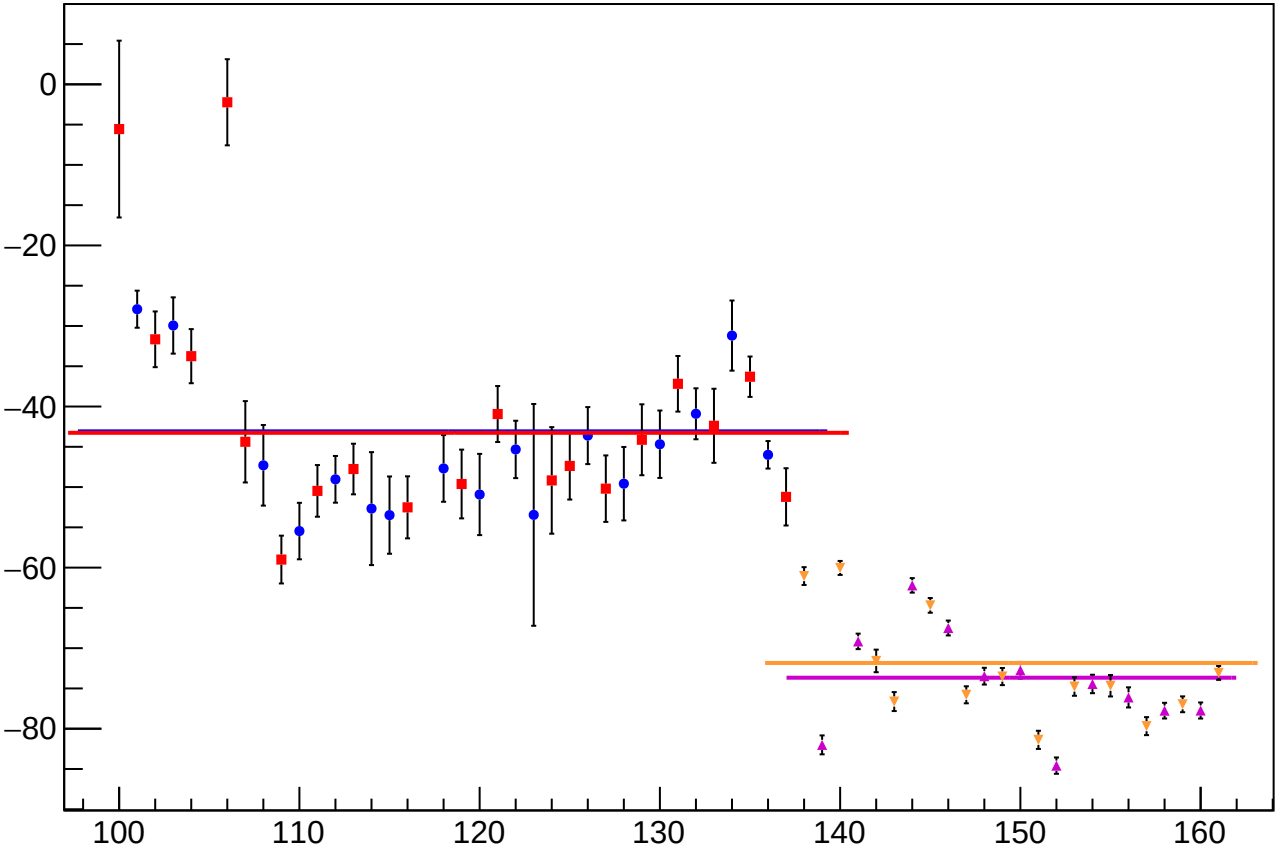
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -5.086+/-0.194 χ^2/NDF:750.8/27

Out: -4.282+/-0.188 χ^2/NDF:759.9/31

All: -4.671+/-0.135 χ^2/NDF: 1519.5/59

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -71.836+/-0.293 χ^2/NDF:535.4/12

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -73.667+/-0.309 χ^2/NDF:434.4/10

Left: -72.704+/-0.212 χ^2/NDF: 988.3/23

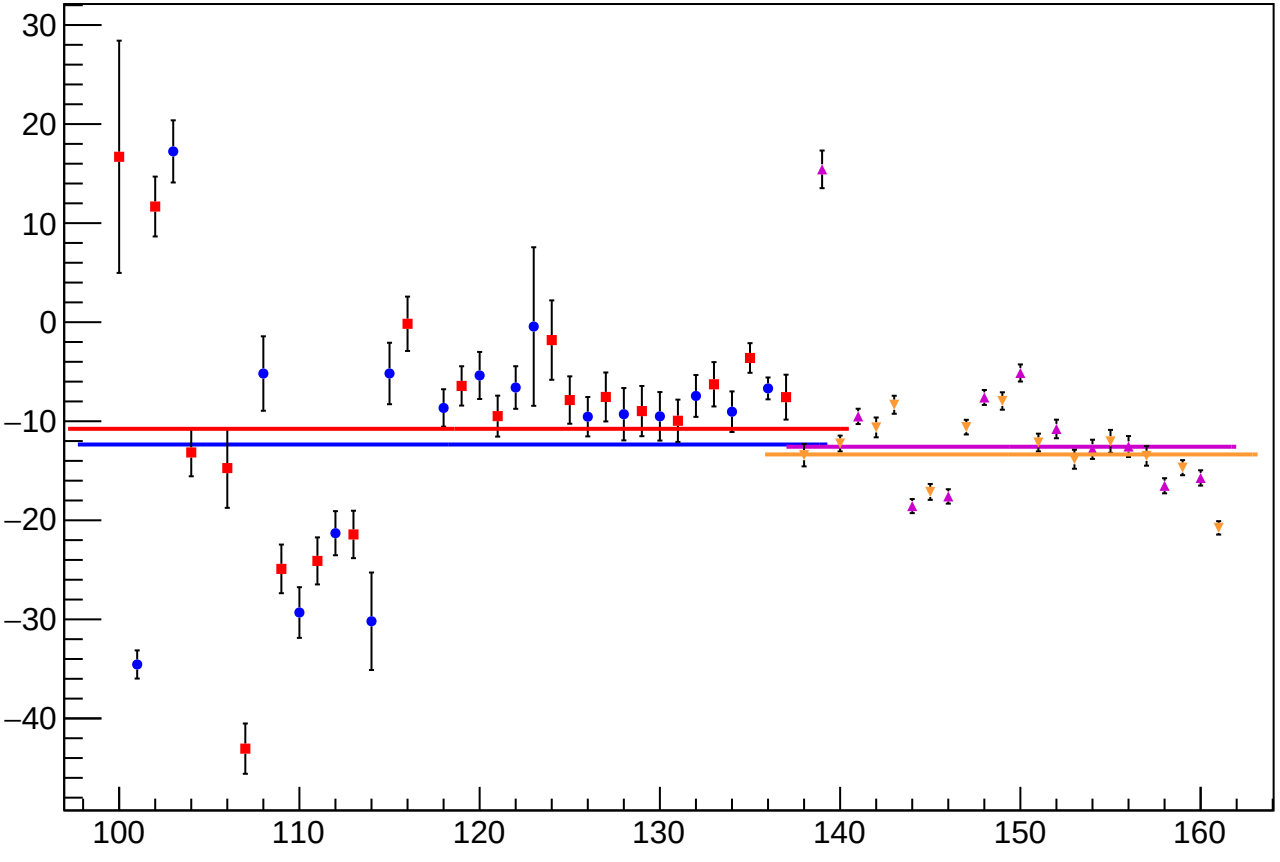
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -69.987+/-0.289 χ^2/NDF:1715.9/27

Out: -68.904+/-0.278 χ^2/NDF:1665.6/31

All: -69.423+/-0.200 χ^2/NDF: 3388.8/59

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: -13.351+/-0.241 χ^2/NDF:239.6/12

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -12.574+/-0.255 χ^2/NDF:516.8/10

Left: -12.984+/-0.175 χ^2/NDF: 761.3/23

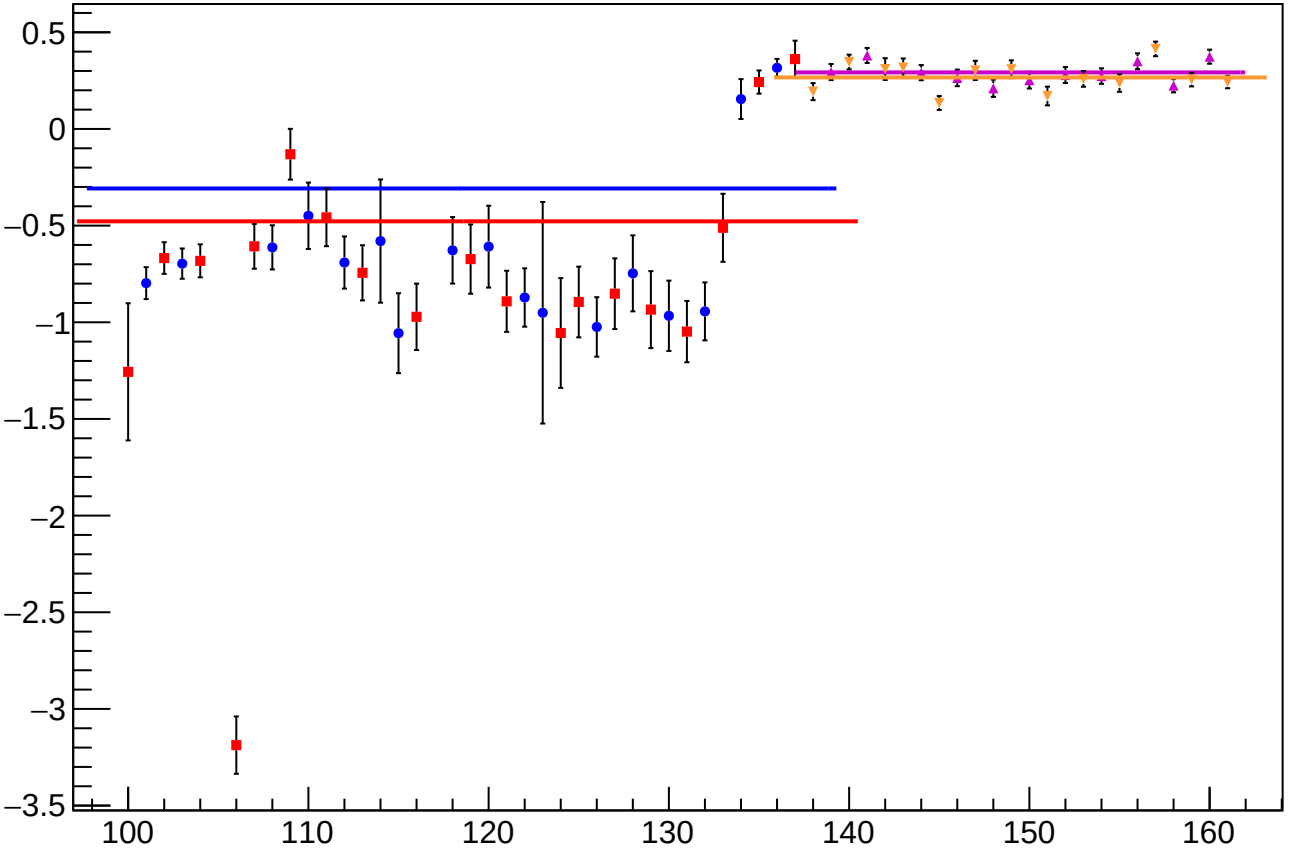
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -12.530+/-0.229 χ^2/NDF:992.9/27

Out: -12.939+/-0.221 χ^2/NDF:624.6/31

All: -12.742+/-0.159 χ^2/NDF: 1619.1/59

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: 0.266+/-0.011 χ^2/NDF:44.2/12

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.293+/-0.012 χ^2/NDF:20.9/10

Left: 0.279+/-0.008 χ^2/NDF: 67.6/23

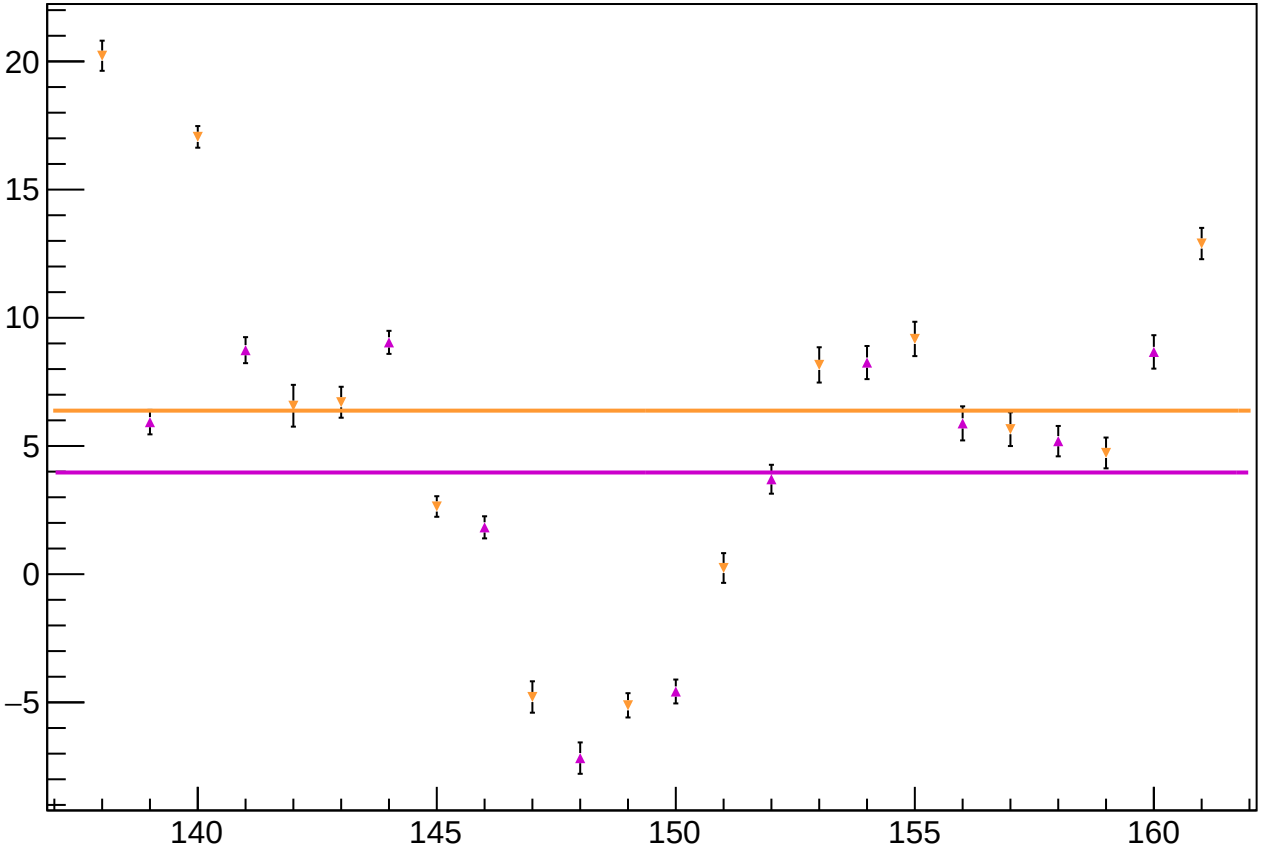
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.195+/-0.011 χ^2/NDF:792.4/27

Out: 0.163+/-0.011 χ^2/NDF:1261.1/31

All: 0.178+/-0.008 χ^2/NDF: 2058.0/59

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: 6.379+/-0.156 χ^2/NDF:2461.9/12

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

Left In: 3.966+/-0.160 χ^2/NDF:1033.7/10

Left: 5.207+/-0.112 χ^2/NDF: 3612.0/23

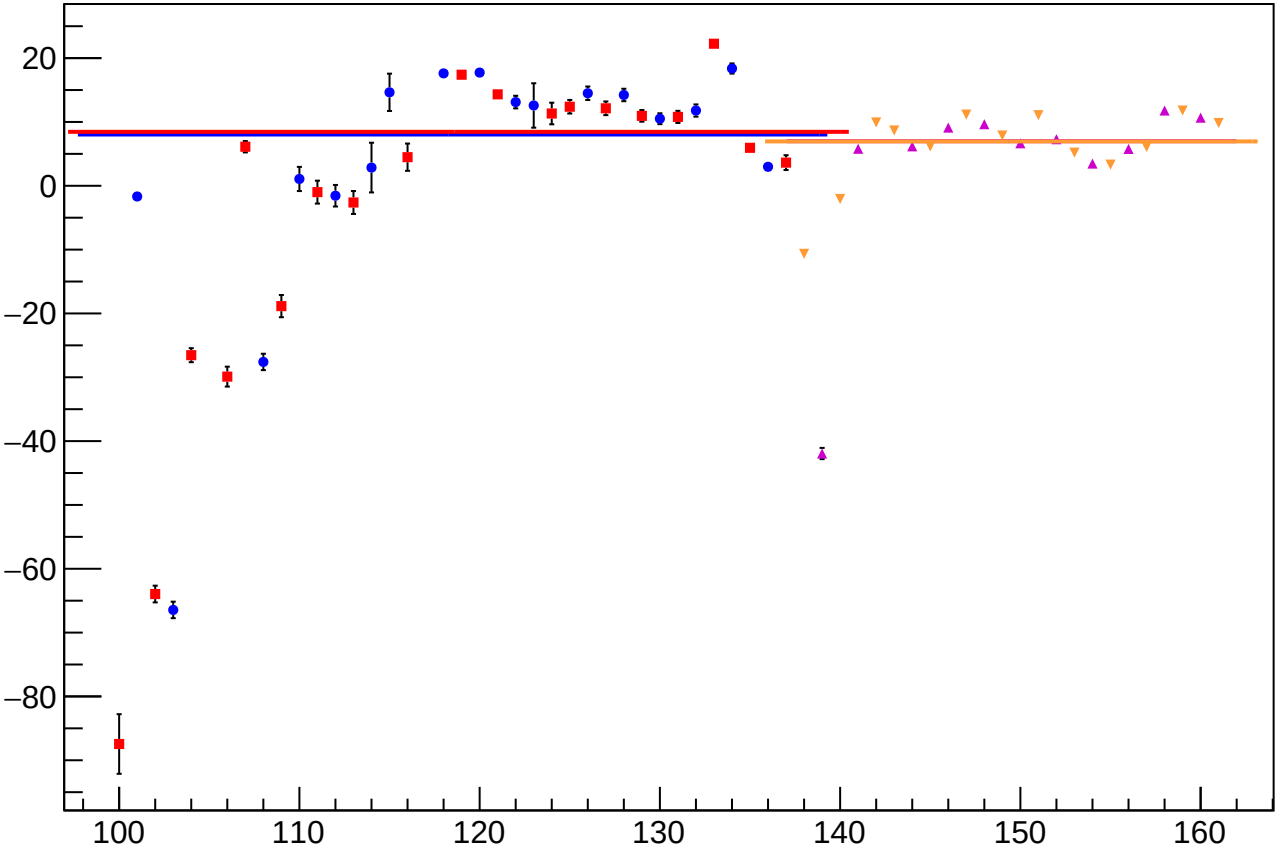
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.966+/-0.160 χ^2/NDF:1033.7/10

Out: 6.379+/-0.156 χ^2/NDF:2461.9/12

All: 5.207+/-0.112 χ^2/NDF: 3612.0/23

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: 6.951+/-0.108 χ^2/NDF:2207.7/12

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 6.988+/-0.112 χ^2/NDF:3531.2/10

Left: 6.969+/-0.078 χ^2/NDF: 5738.9/23

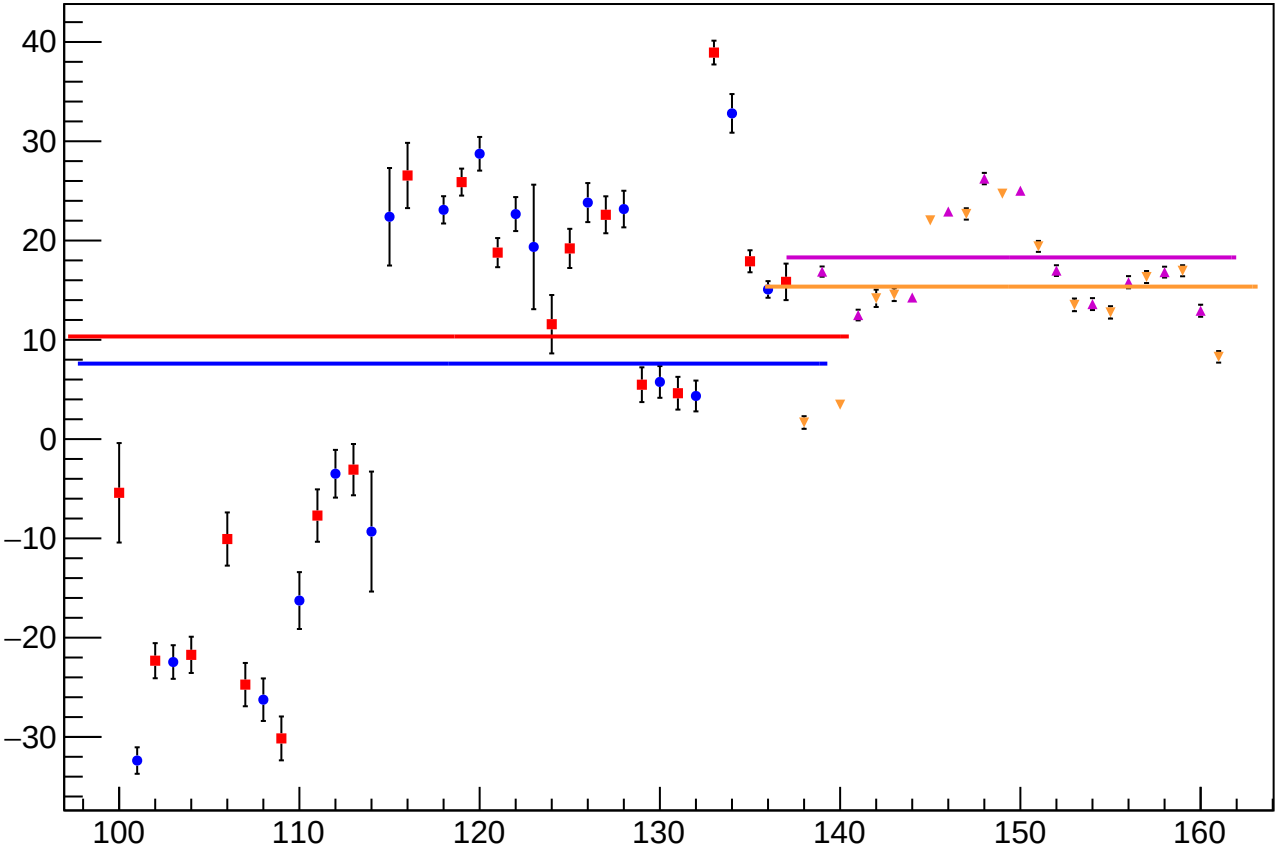
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 7.213+/-0.100 χ^2/NDF:8919.2/27

Out: 7.259+/-0.097 χ^2/NDF:8951.6/31

All: 7.237+/-0.069 χ^2/NDF: 17870.9/59

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: 15.360+/-0.154 χ^2/NDF:2259.2/12

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 18.300+/-0.157 χ^2/NDF:916.7/10

Left: 16.804+/-0.110 χ^2/NDF: 3354.3/23

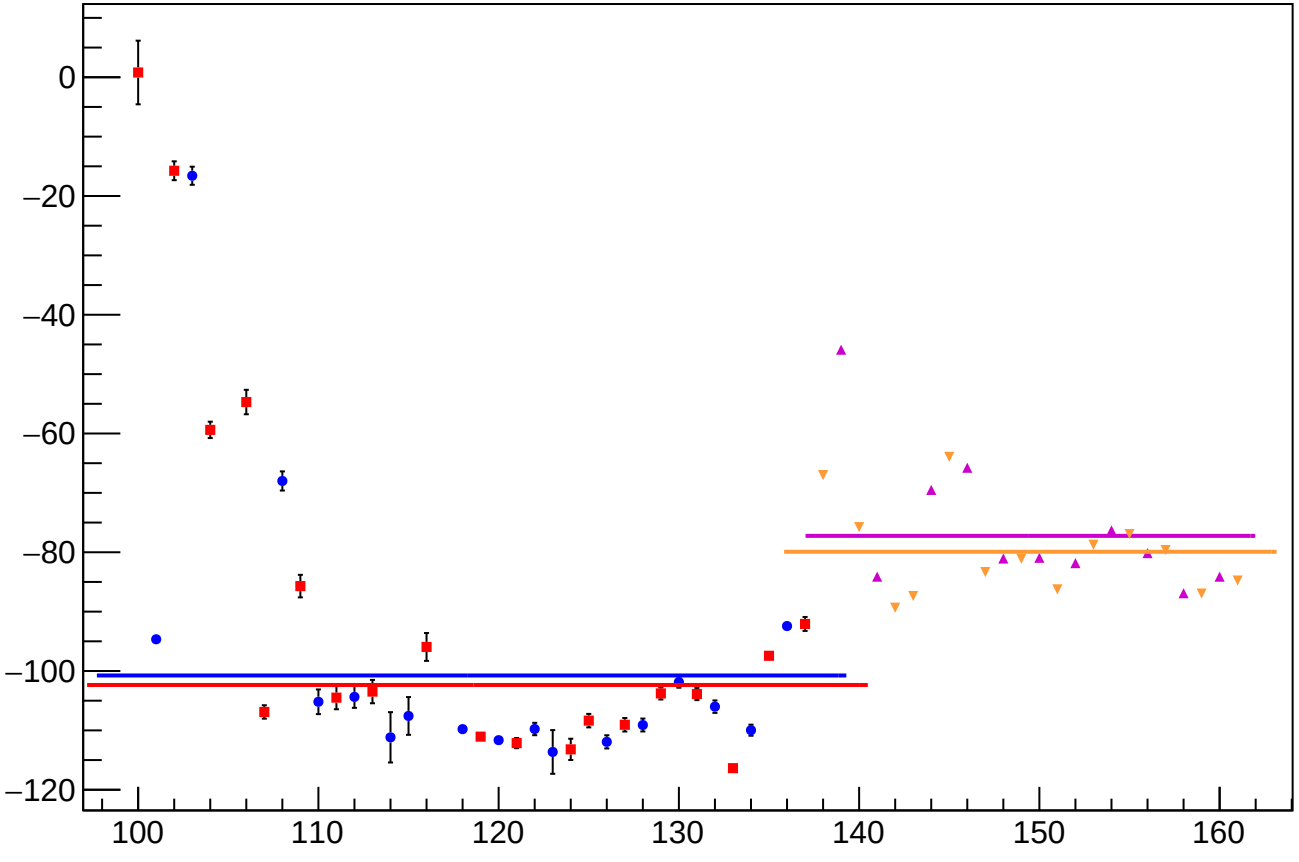
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 16.965+/-0.147 χ^2/NDF:3820.9/27

Out: 14.754+/-0.145 χ^2/NDF:4668.9/31

All: 15.842+/-0.103 χ^2/NDF: 8604.8/59

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -79.918+/-0.129 χ^2/NDF:3385.8/12

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -77.238+/-0.133 χ^2/NDF:4167.6/10

Left: -78.623+/-0.092 χ^2/NDF: 7763.5/23

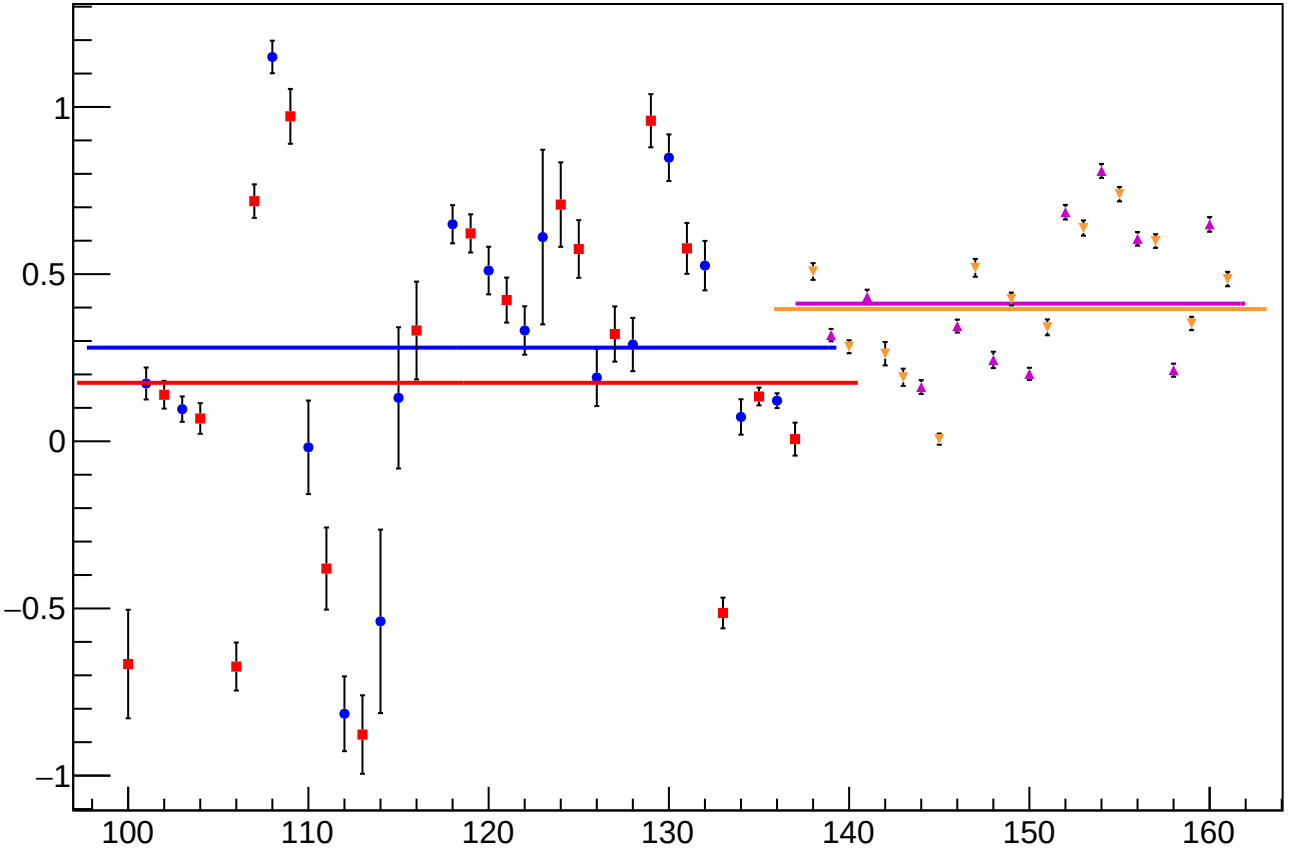
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -82.484+/-0.117 χ^2/NDF:15674.6/27

Out: -84.723+/-0.114 χ^2/NDF:15989.3/31

All: -83.634+/-0.082 χ^2/NDF: 31851.7/59

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: 0.395+/-0.006 χ^2/NDF:1192.8/12

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.412+/-0.006 χ^2/NDF:1184.0/10

Left: 0.403+/-0.004 χ^2/NDF: 2380.3/23

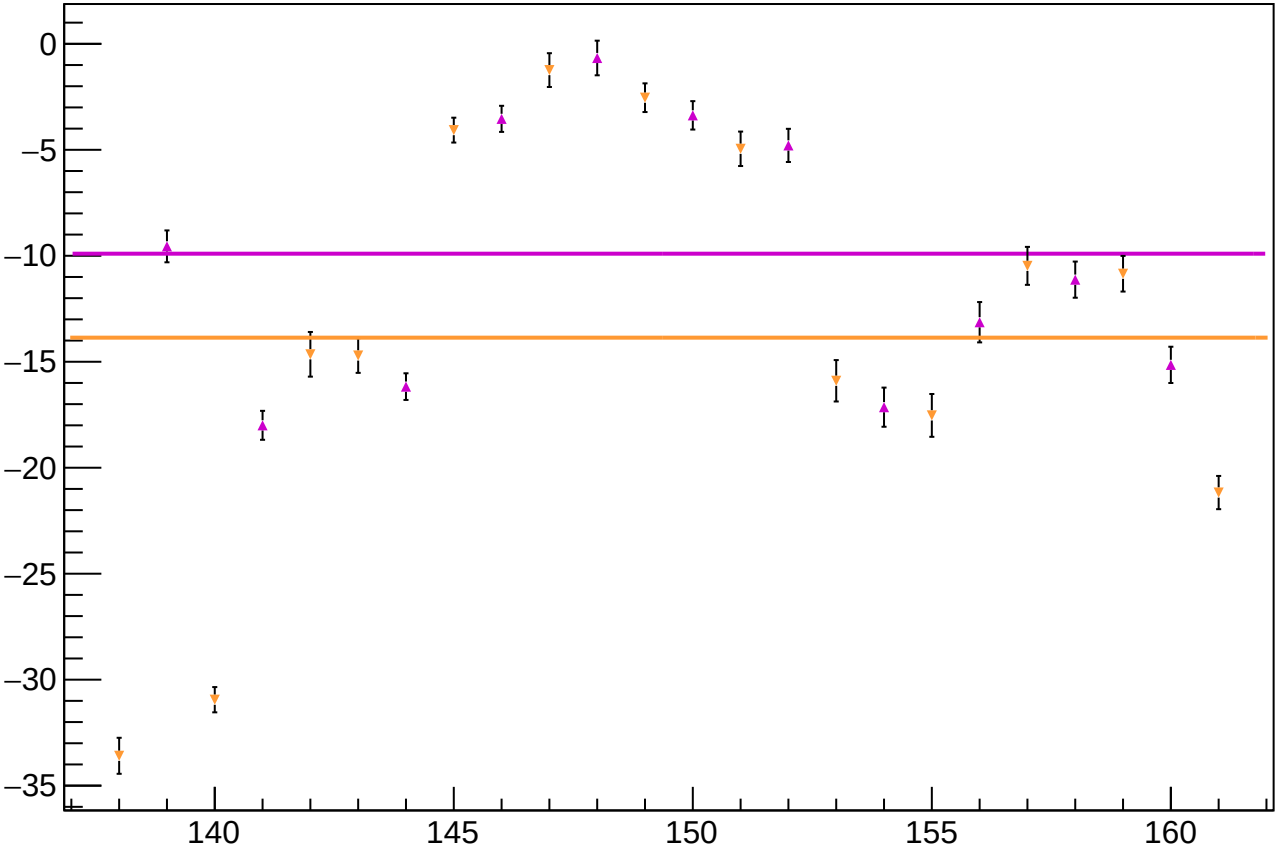
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.389+/-0.006 χ^2/NDF:1918.8/27

Out: 0.358+/-0.006 χ^2/NDF:2382.8/31

All: 0.373+/-0.004 χ^2/NDF: 4316.8/59

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: -13.863+/-0.218 χ^2/NDF:2423.5/12

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

Left In: -9.901+/-0.227 χ^2/NDF:725.1/10

Left: -11.962+/-0.157 χ^2/NDF: 3307.5/23

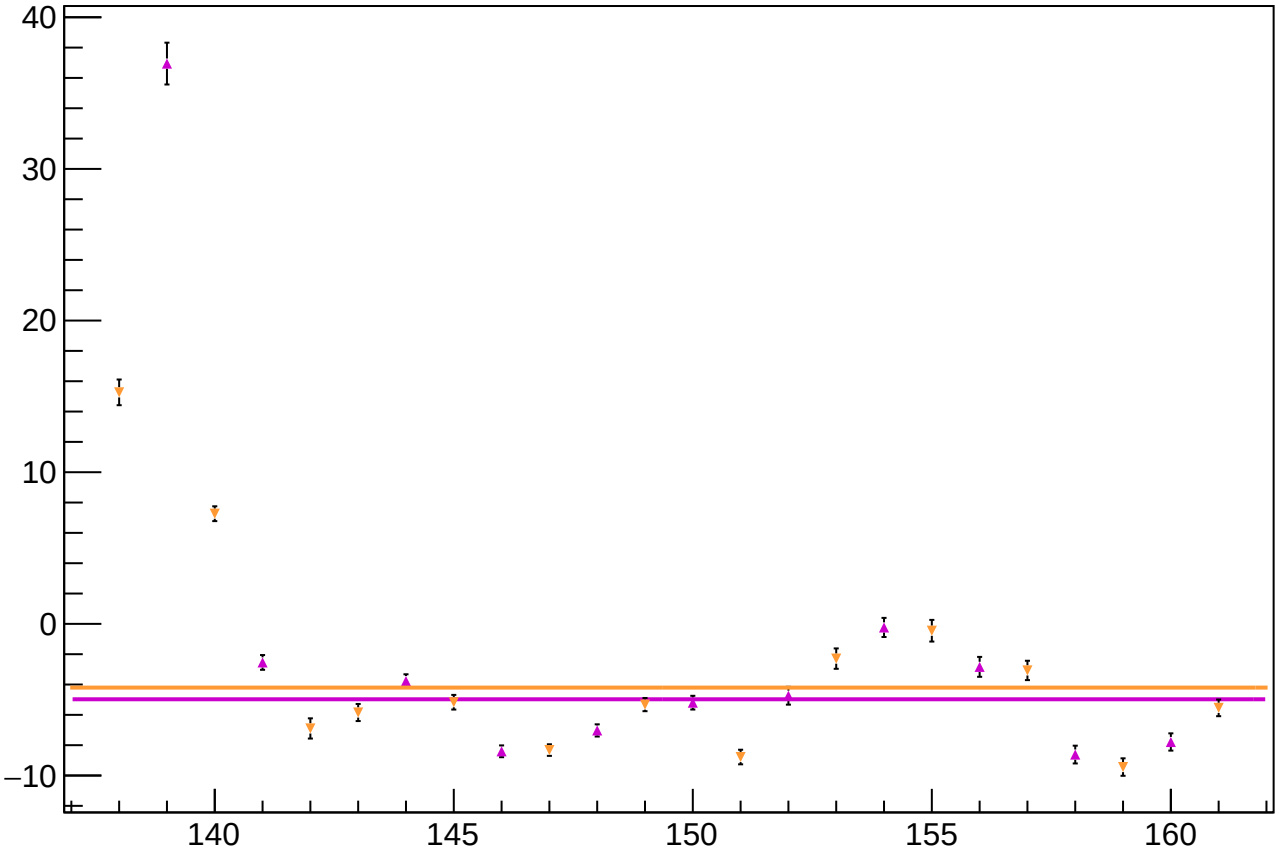
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.901+/-0.227 χ^2/NDF:725.1/10

Out: -13.863+/-0.218 χ^2/NDF:2423.5/12

All: -11.962+/-0.157 χ^2/NDF: 3307.5/23

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -4.203+/-0.150 χ^2/NDF:1448.5/12

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

Left In: -4.973+/-0.156 χ^2/NDF:1190.4/10

Left: -4.571+/-0.108 χ^2/NDF: 2651.6/23

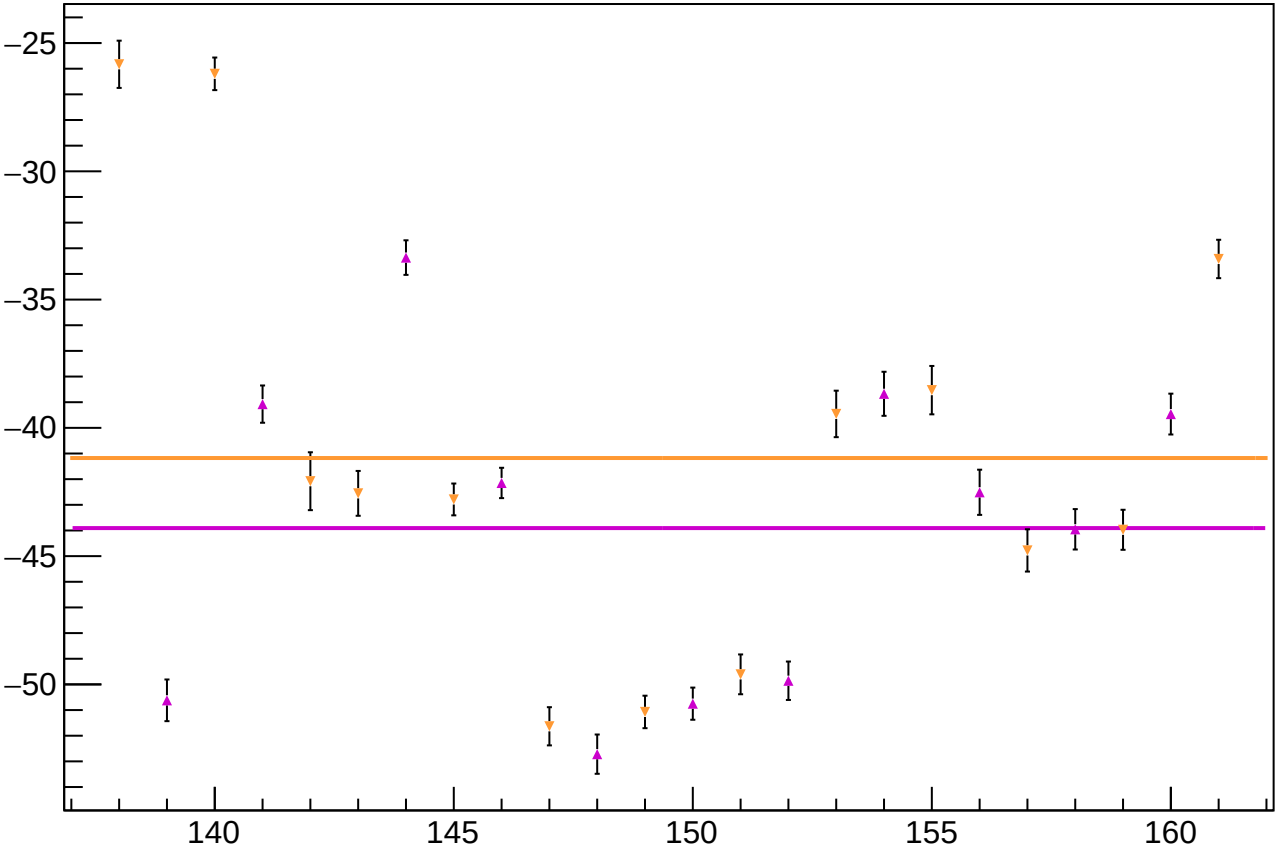
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.973+/-0.156 χ^2/NDF:1190.4/10

Out: -4.203+/-0.150 χ^2/NDF:1448.5/12

All: -4.571+/-0.108 χ^2/NDF: 2651.6/23

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: -41.176+/-0.215 χ^2/NDF:1554.9/12

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

Left In: -43.907+/-0.222 χ^2/NDF:752.0/10

Left: -42.502+/-0.154 χ^2/NDF: 2384.9/23

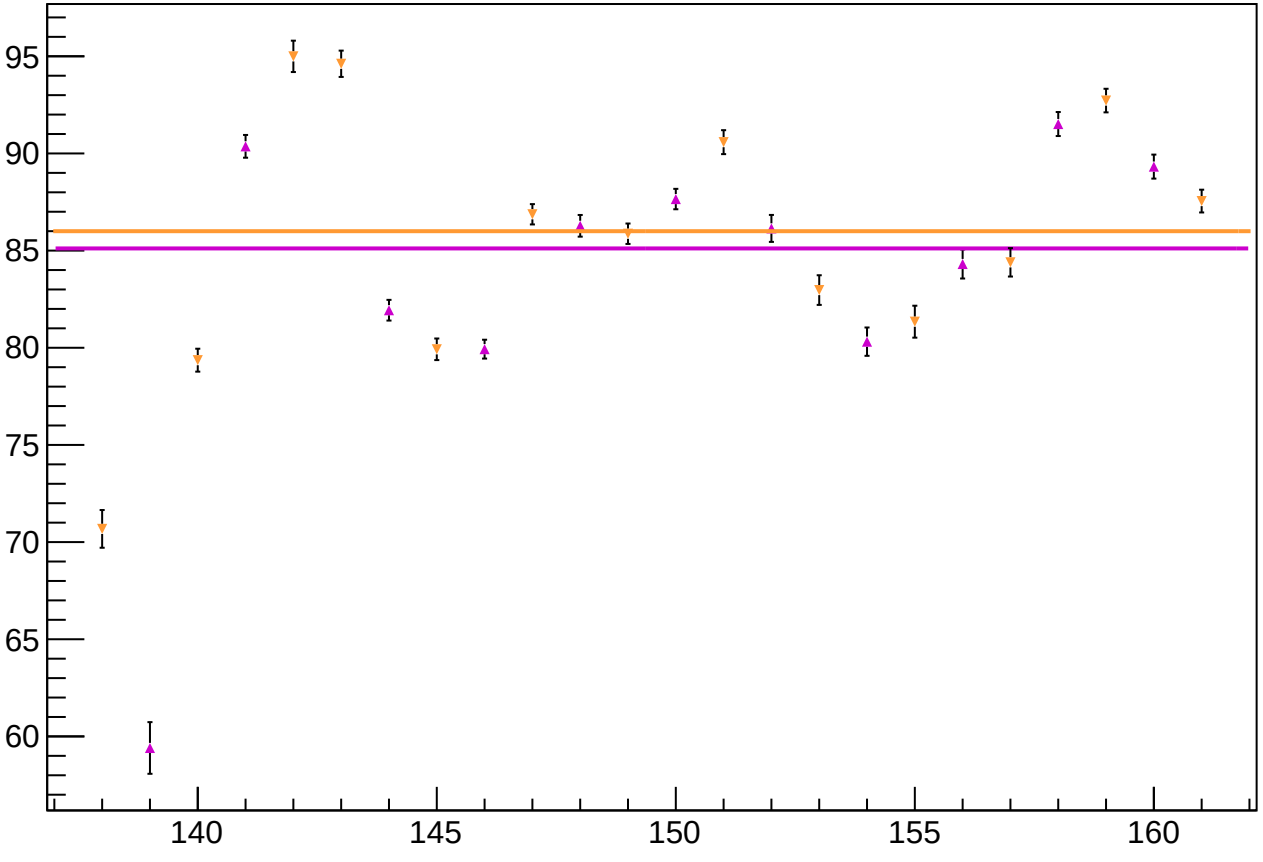
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -43.907+/-0.222 χ^2/NDF:752.0/10

Out: -41.176+/-0.215 χ^2/NDF:1554.9/12

All: -42.502+/-0.154 χ^2/NDF: 2384.9/23

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 85.999+/-0.178 χ^2/NDF:1022.1/12

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

Left In: 85.112+/-0.185 χ^2/NDF:832.4/10

Left: 85.573+/-0.128 χ^2/NDF: 1866.4/23

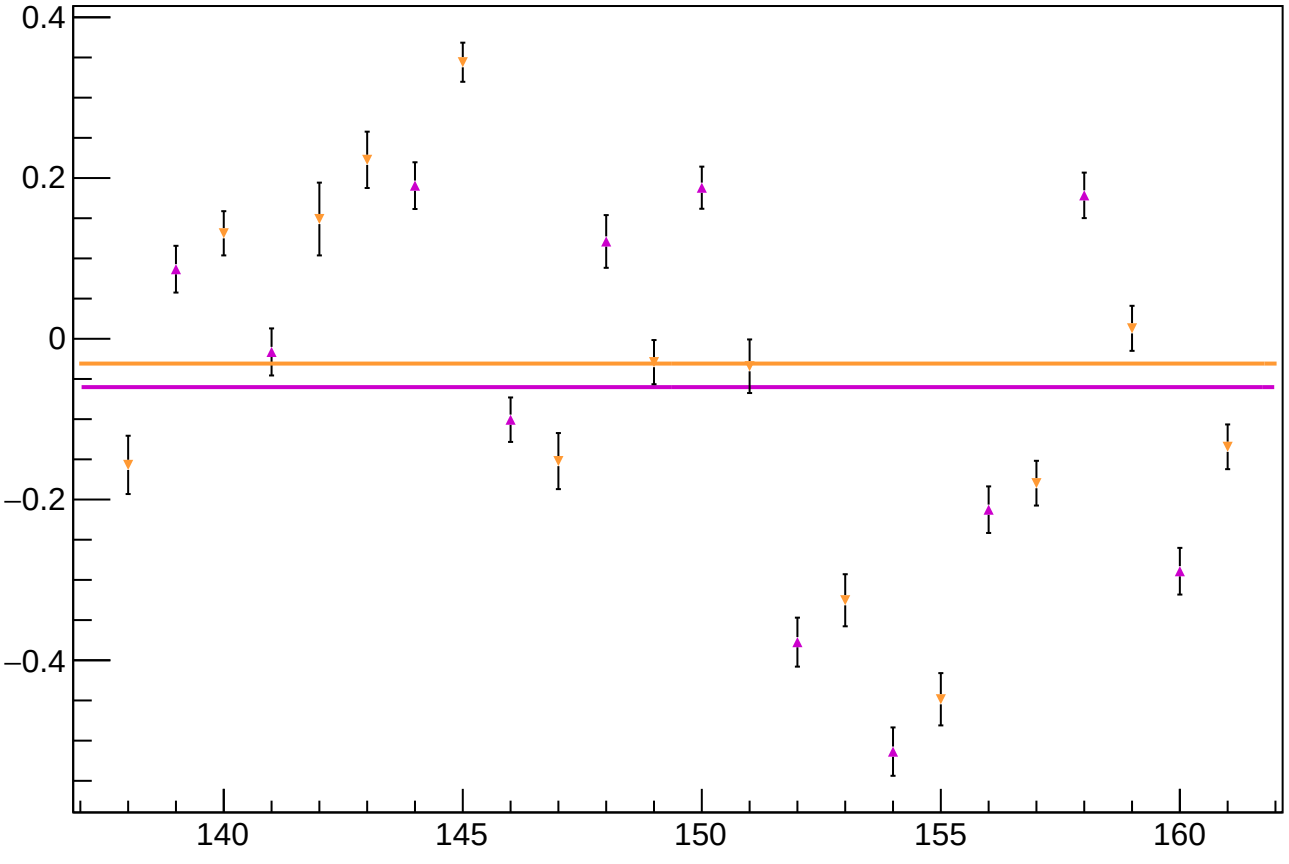
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 85.112+/-0.185 χ^2/NDF:832.4/10

Out: 85.999+/-0.178 χ^2/NDF:1022.1/12

All: 85.573+/-0.128 χ^2/NDF: 1866.4/23

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: -0.031+/-0.008 χ^2/NDF:656.5/12

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

Left In: -0.060+/-0.009 χ^2/NDF:720.8/10

Left: -0.045+/-0.006 χ^2/NDF: 1383.1/23

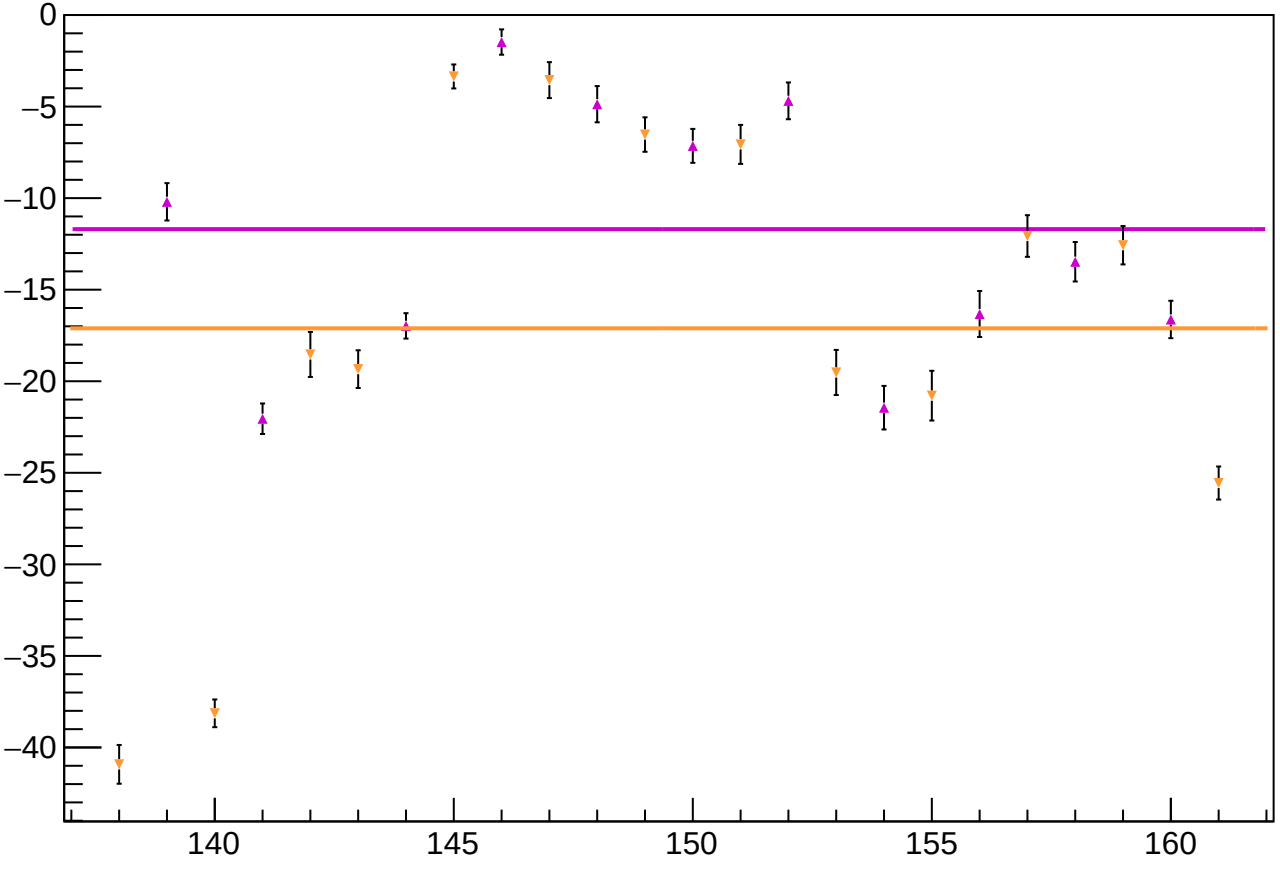
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.060+/-0.009 χ^2/NDF:720.8/10

Out: -0.031+/-0.008 χ^2/NDF:656.5/12

All: -0.045+/-0.006 χ^2/NDF: 1383.1/23

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: -17.109+/-0.270 χ^2/NDF:2268.0/12

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

Left In: -11.694+/-0.278 χ^2/NDF:659.7/10

Left: -14.486+/-0.194 χ^2/NDF: 3122.8/23

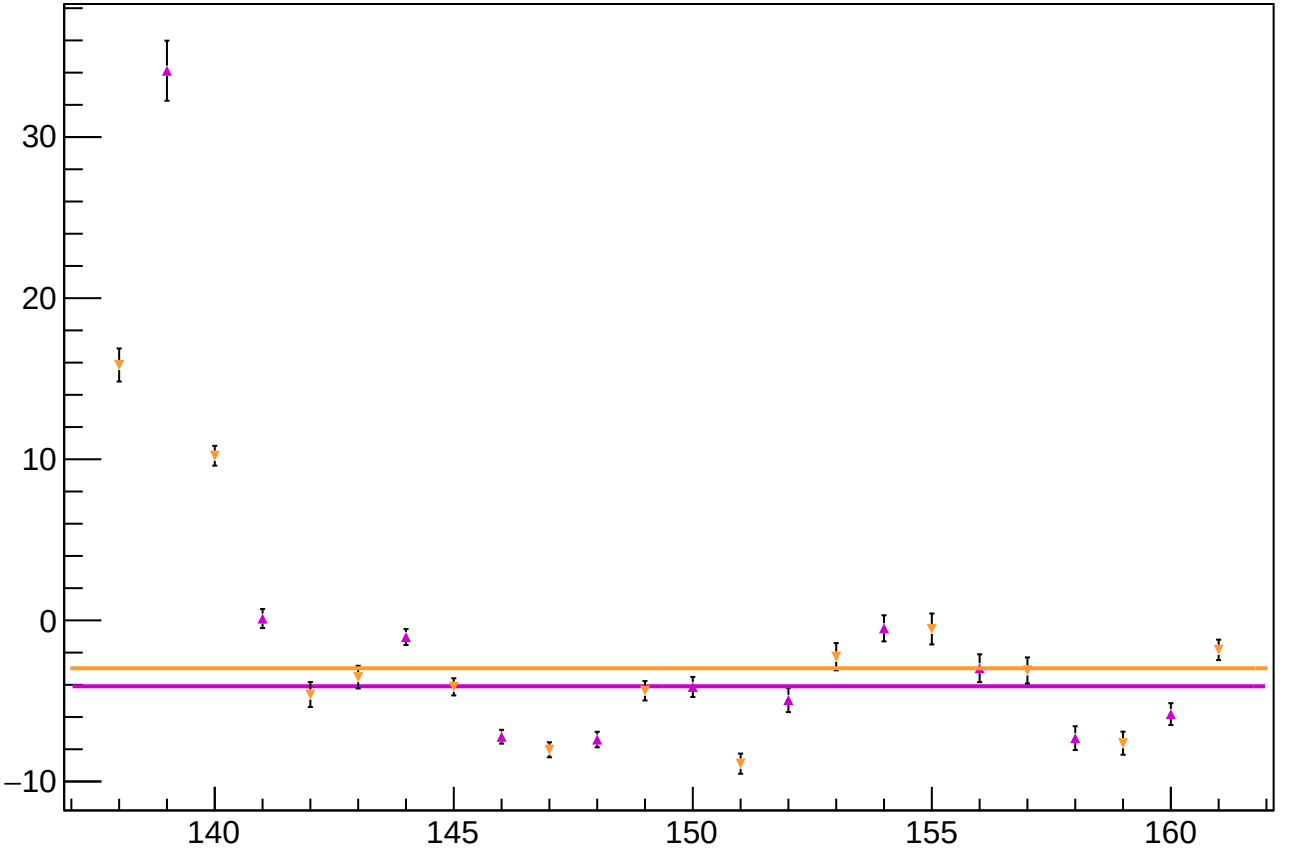
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.694+/-0.278 χ^2/NDF:659.7/10

Out: -17.109+/-0.270 χ^2/NDF:2268.0/12

All: -14.486+/-0.194 χ^2/NDF: 3122.8/23

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -2.973+/-0.185 χ^2/NDF:1071.3/12

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

Left In: -4.089+/-0.188 χ^2/NDF:656.9/10

Left: -3.522+/-0.132 χ^2/NDF: 1746.1/23

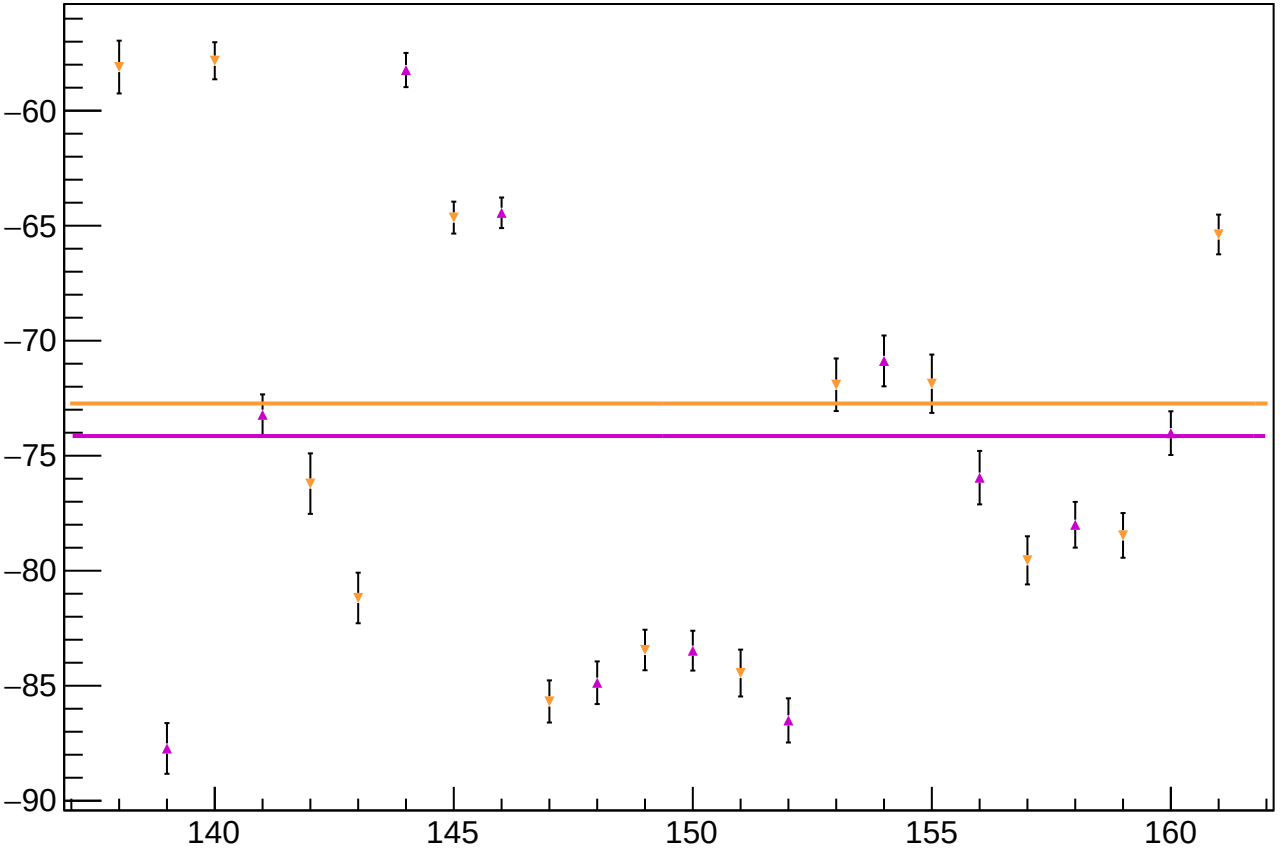
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.089+/-0.188 χ^2/NDF:656.9/10

Out: -2.973+/-0.185 χ^2/NDF:1071.3/12

All: -3.522+/-0.132 χ^2/NDF: 1746.1/23

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: -72.729+/-0.268 χ^2/NDF:1336.9/12

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

Left In: -74.145+/-0.273 χ^2/NDF:1265.6/10

Left: -73.424+/-0.191 χ^2/NDF: 2616.2/23

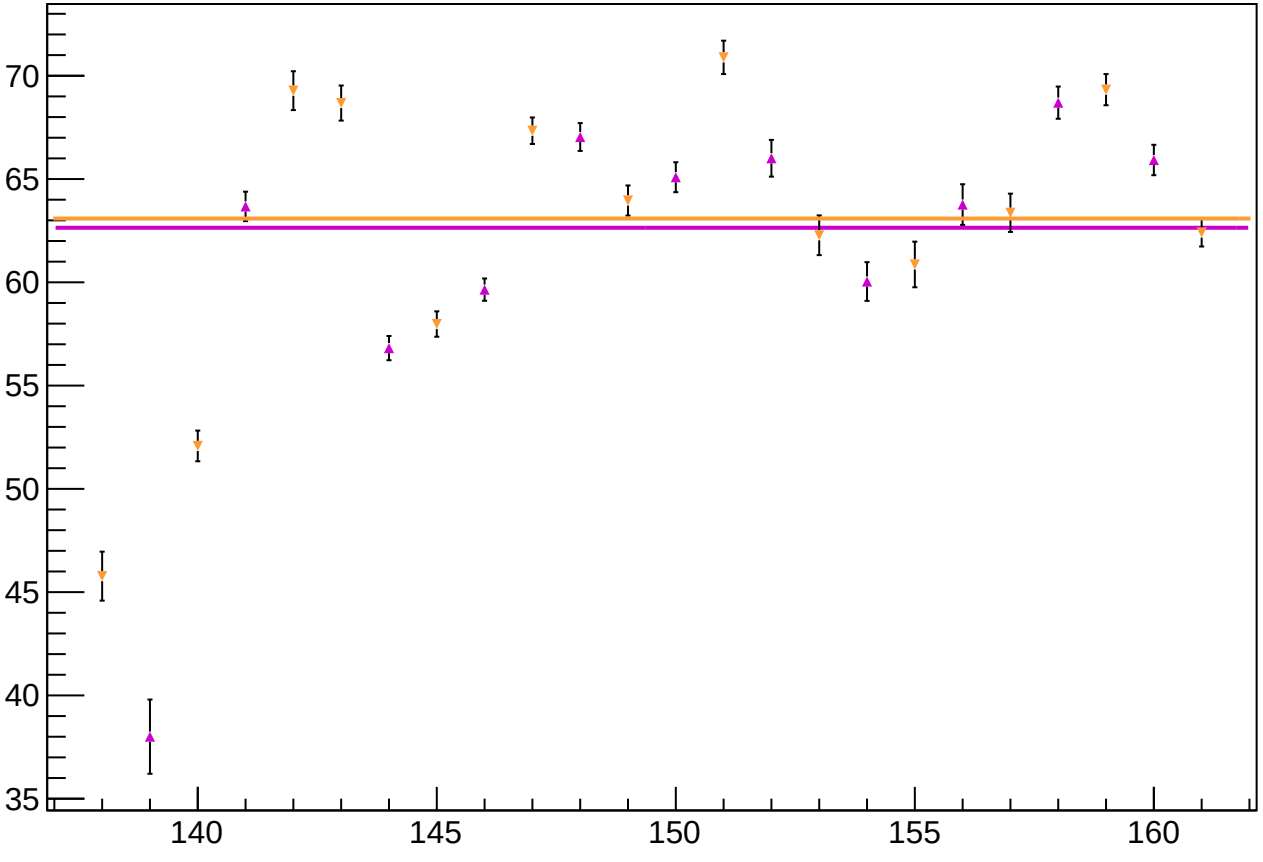
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -74.145+/-0.273 χ^2/NDF:1265.6/10

Out: -72.729+/-0.268 χ^2/NDF:1336.9/12

All: -73.424+/-0.191 χ^2/NDF: 2616.2/23

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: 63.087+/-0.221 χ^2/NDF:801.1/12

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

Left In: 62.641+/-0.226 χ^2/NDF:477.0/10

Left: 62.869+/-0.158 χ^2/NDF: 1280.0/23

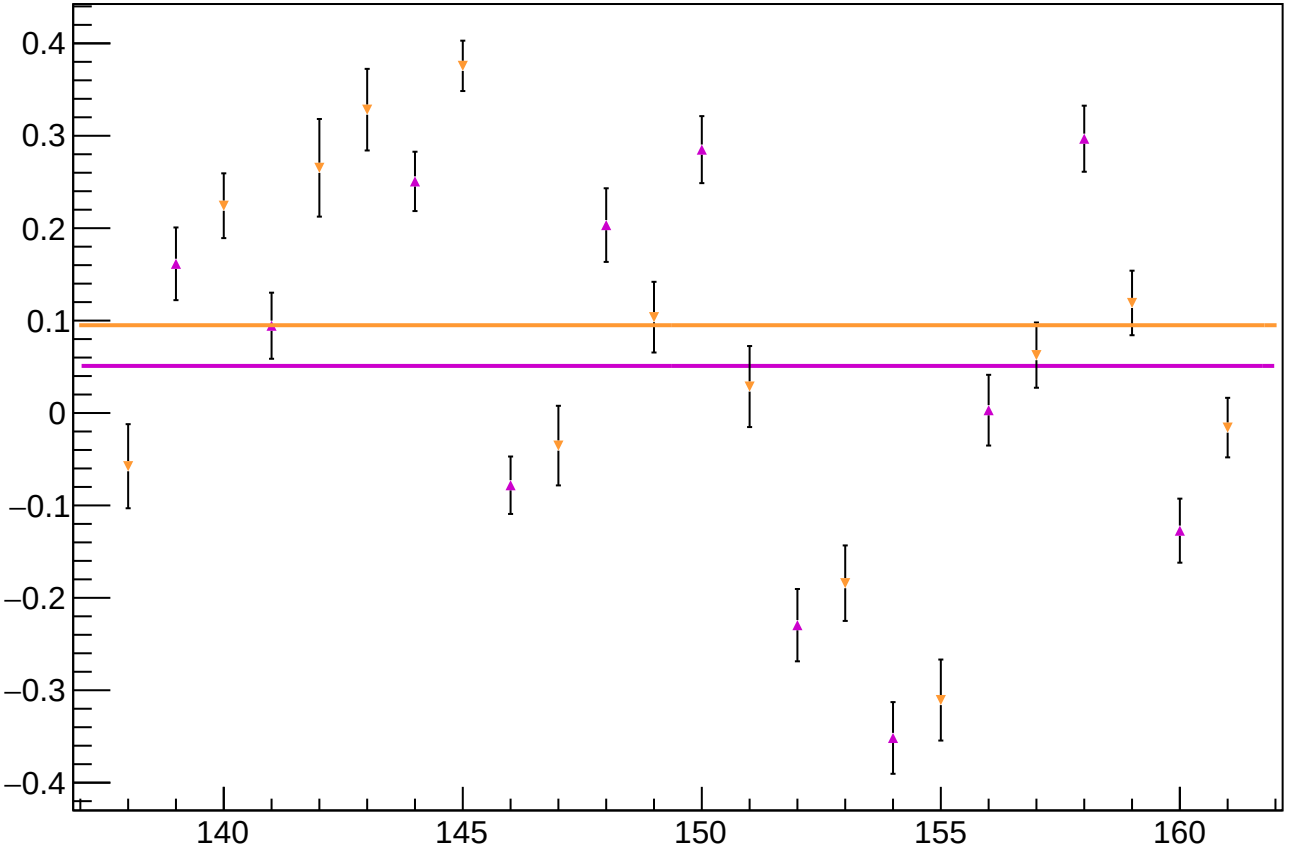
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.641+/-0.226 χ^2/NDF:477.0/10

Out: 63.087+/-0.221 χ^2/NDF:801.1/12

All: 62.869+/-0.158 χ^2/NDF: 1280.0/23

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: 0.095+/-0.011 χ^2/NDF:326.2/12

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

Left In: 0.051+/-0.011 χ^2/NDF:356.0/10

Left: 0.074+/-0.008 χ^2/NDF: 690.6/23

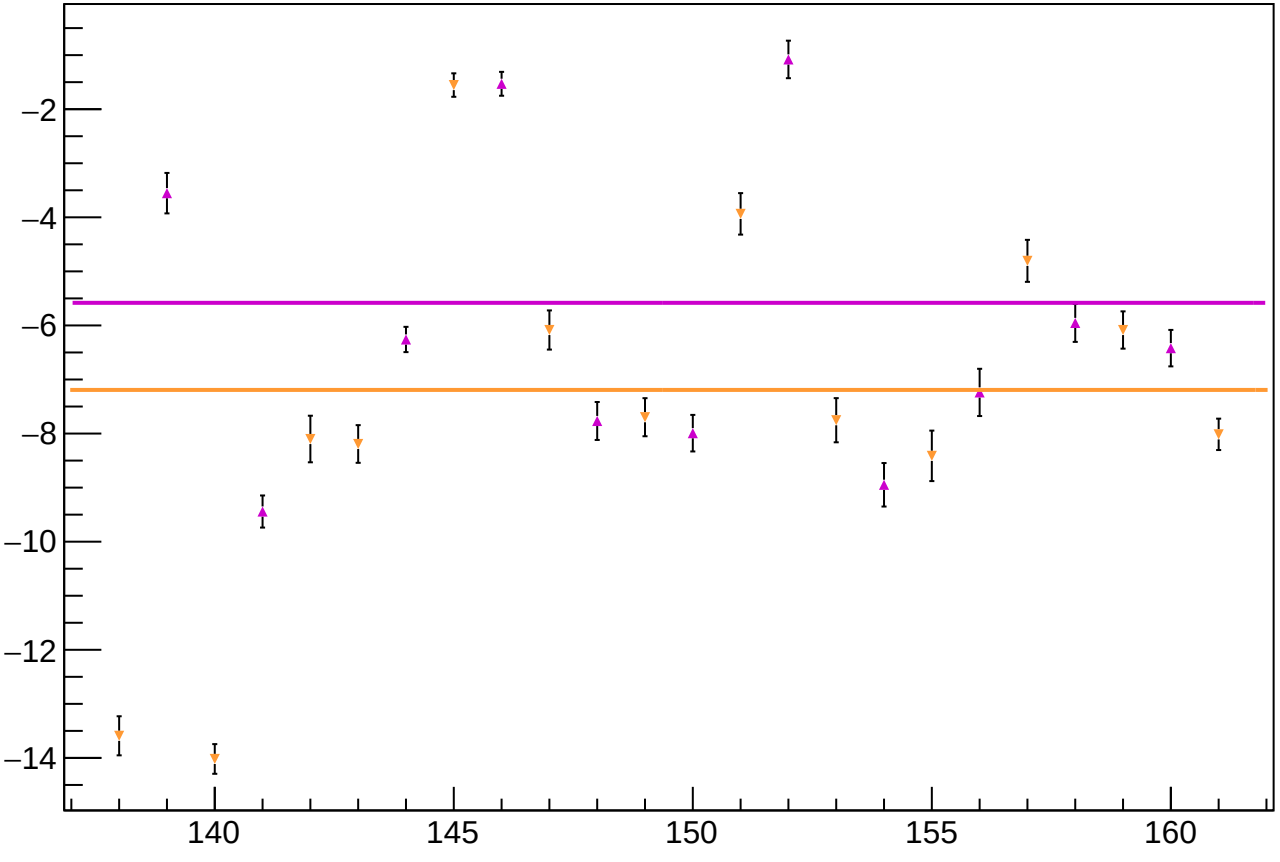
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.051+/-0.011 χ^2/NDF:356.0/10

Out: 0.095+/-0.011 χ^2/NDF:326.2/12

All: 0.074+/-0.008 χ^2/NDF: 690.6/23

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: -7.193+/-0.093 χ^2/NDF:1767.3/12

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

Left In: -5.582+/-0.095 χ^2/NDF:892.9/10

Left: -6.405+/-0.066 χ^2/NDF: 2807.1/23

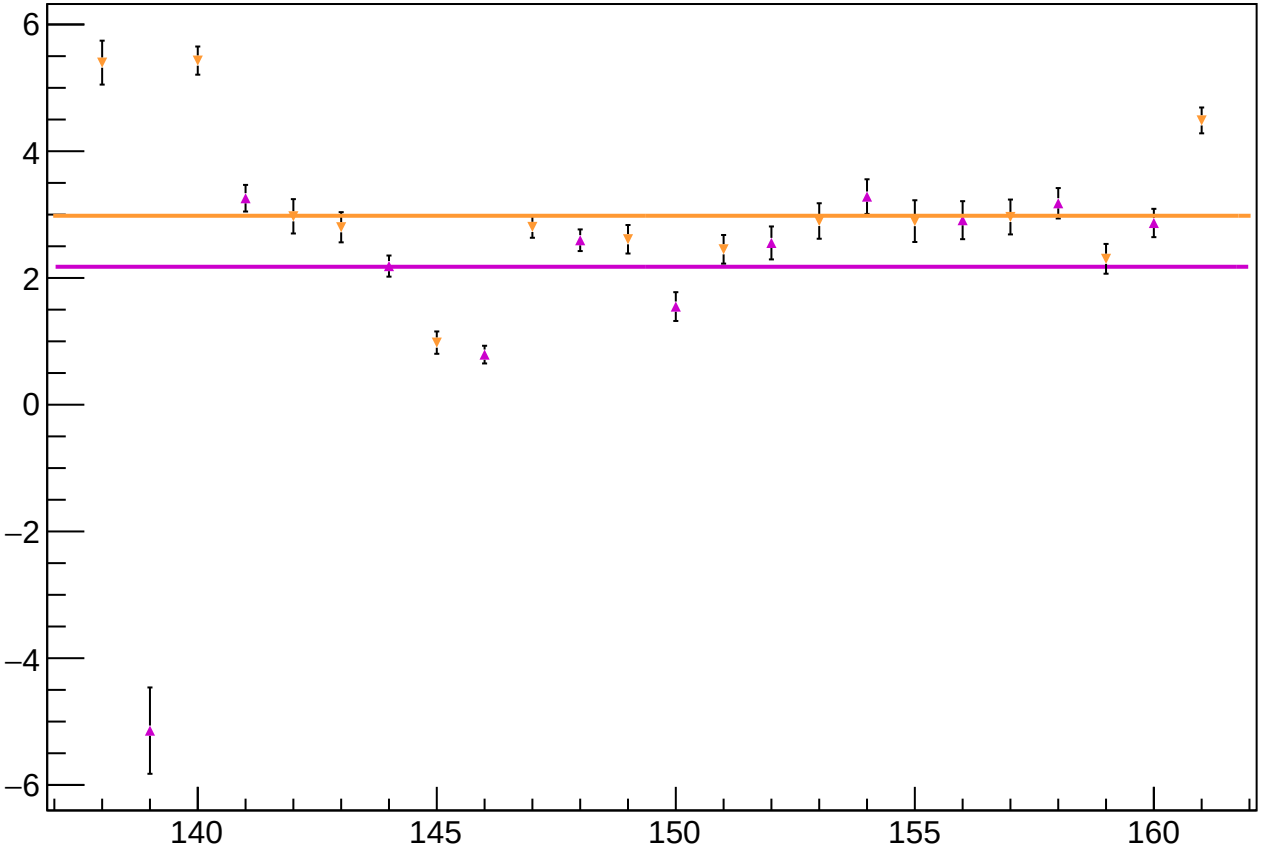
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.582+/-0.095 χ^2/NDF:892.9/10

Out: -7.193+/-0.093 χ^2/NDF:1767.3/12

All: -6.405+/-0.066 χ^2/NDF: 2807.1/23

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: 2.982+/-0.064 χ^2/NDF:371.6/12

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

Left In: 2.177+/-0.064 χ^2/NDF:305.7/10

Left: 2.579+/-0.045 χ^2/NDF: 755.9/23

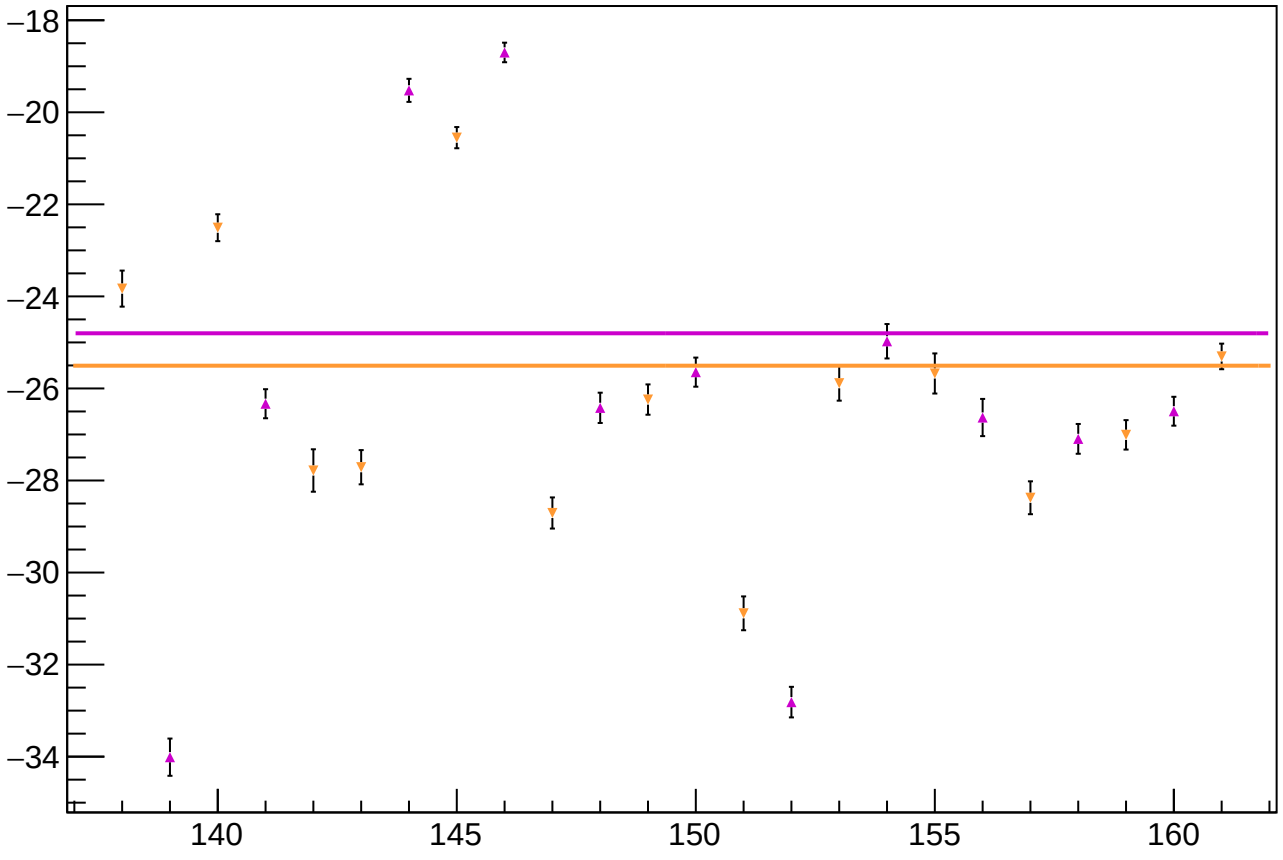
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.177+/-0.064 χ^2/NDF:305.7/10

Out: 2.982+/-0.064 χ^2/NDF:371.6/12

All: 2.579+/-0.045 χ^2/NDF: 755.9/23

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: -25.505+/-0.092 χ^2/NDF:1042.6/12

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

Left In: -24.802+/-0.093 χ^2/NDF:2523.8/10

Left: -25.156+/-0.066 χ^2/NDF: 3595.3/23

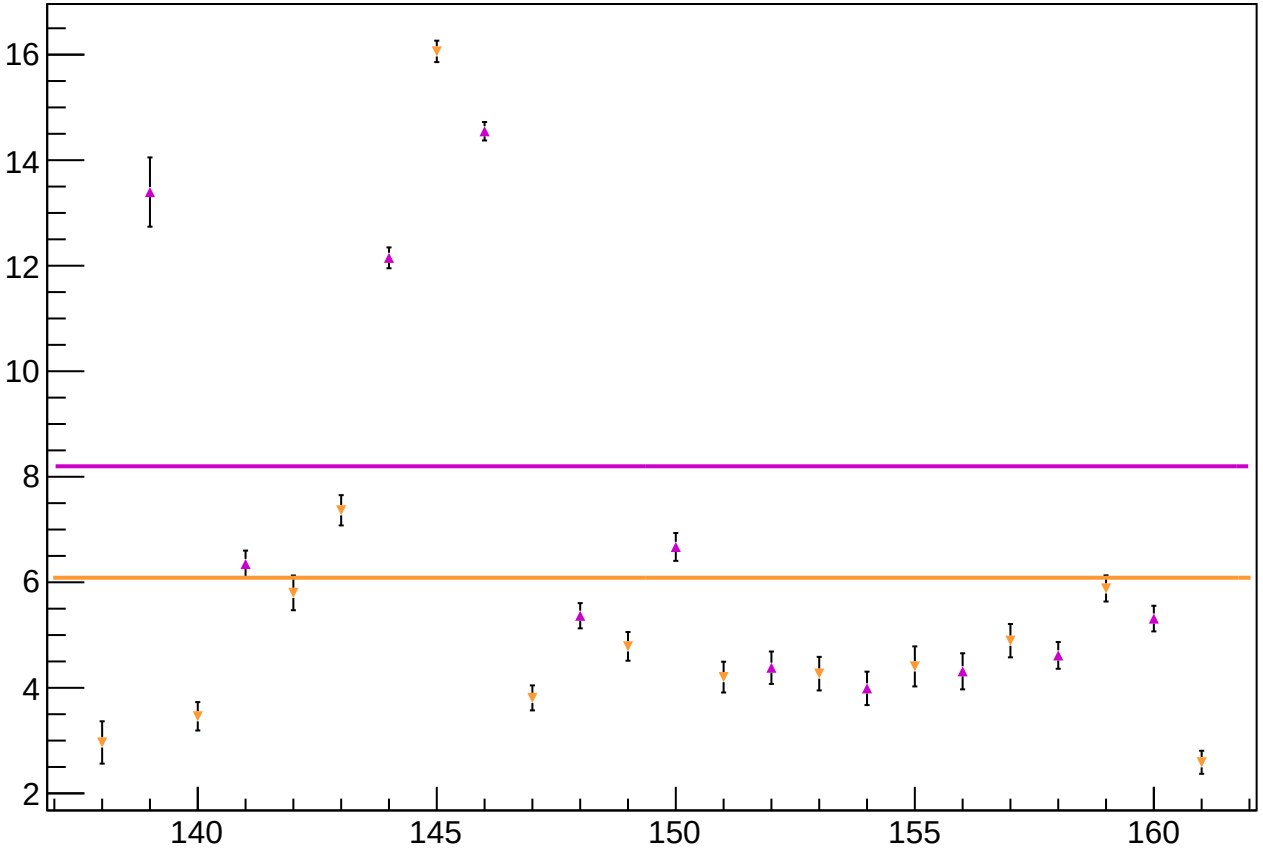
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.802+/-0.093 χ^2/NDF:2523.8/10

Out: -25.505+/-0.092 χ^2/NDF:1042.6/12

All: -25.156+/-0.066 χ^2/NDF: 3595.3/23

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 6.086+/-0.076 χ^2/NDF:3067.6/12

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

Left In: 8.199+/-0.077 χ^2/NDF:2809.4/10

Left: 7.133+/-0.054 χ^2/NDF: 6259.1/23

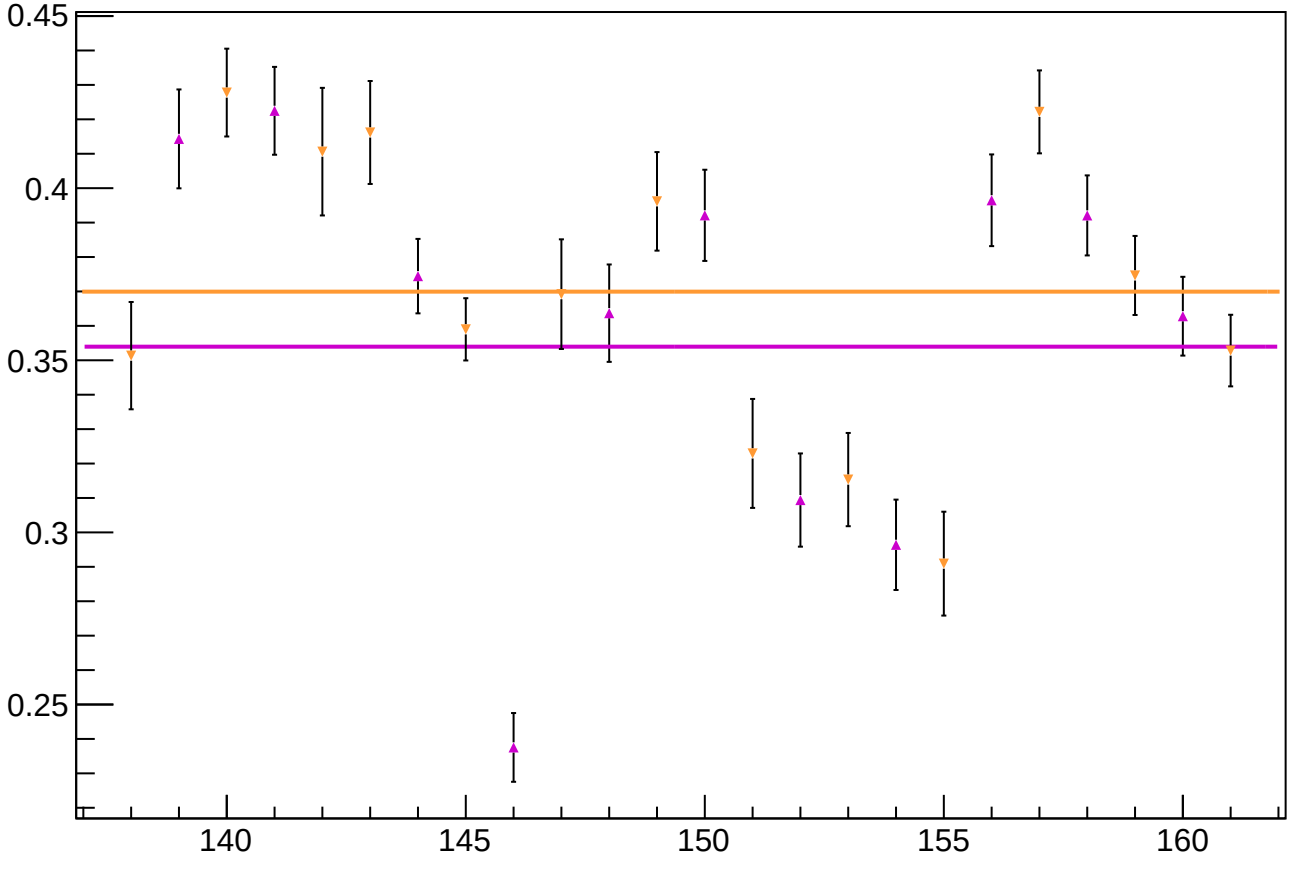
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.199+/-0.077 χ^2/NDF:2809.4/10

Out: 6.086+/-0.076 χ^2/NDF:3067.6/12

All: 7.133+/-0.054 χ^2/NDF: 6259.1/23

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: 0.370+/-0.004 χ^2/NDF:115.3/12

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

Left In: 0.354+/-0.004 χ^2/NDF:246.3/10

Left: 0.362+/-0.003 χ^2/NDF: 371.1/23

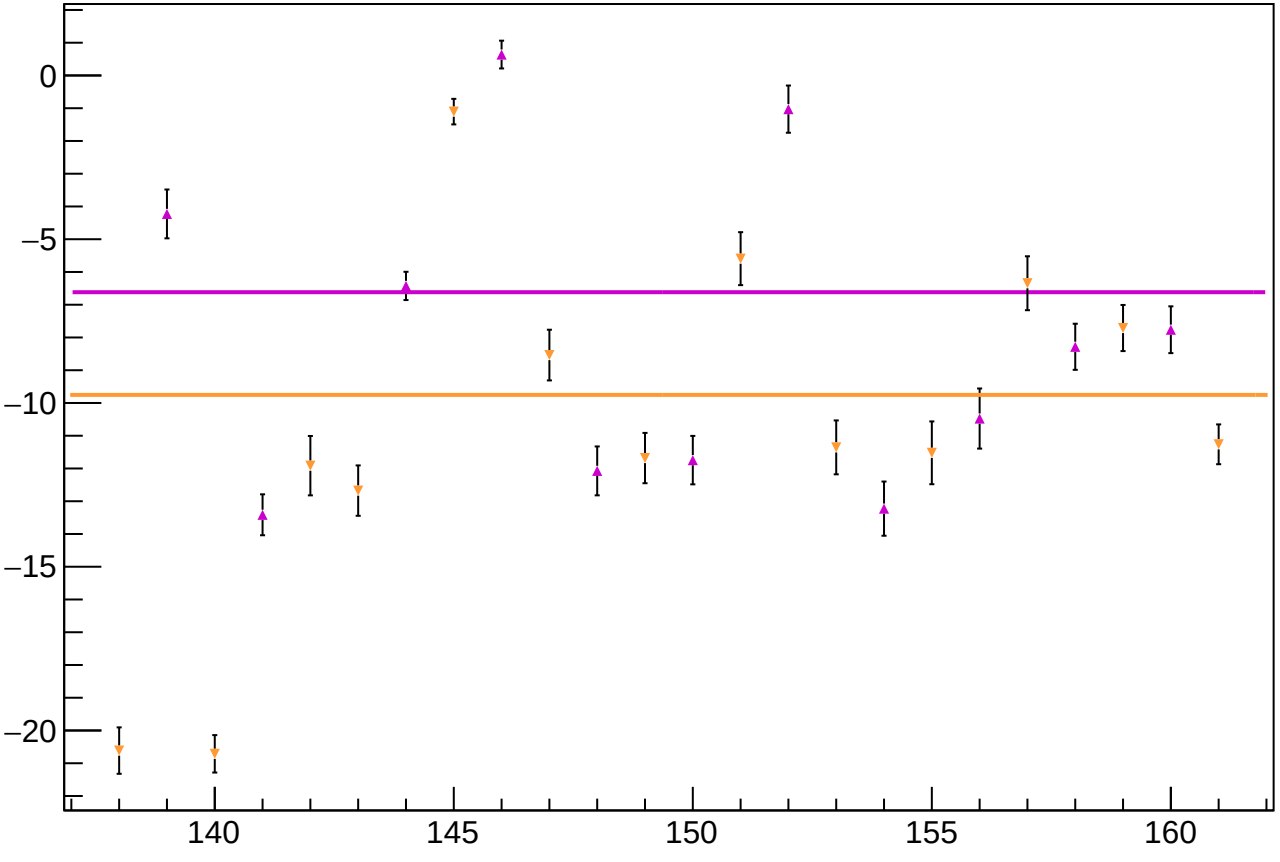
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.354+/-0.004 χ^2/NDF:246.3/10

Out: 0.370+/-0.004 χ^2/NDF:115.3/12

All: 0.362+/-0.003 χ^2/NDF: 371.1/23

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: -9.753+/-0.188 χ^2/NDF:1188.6/12

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

Left In: -6.618+/-0.191 χ^2/NDF:672.5/10

Left: -8.206+/-0.134 χ^2/NDF: 1998.0/23

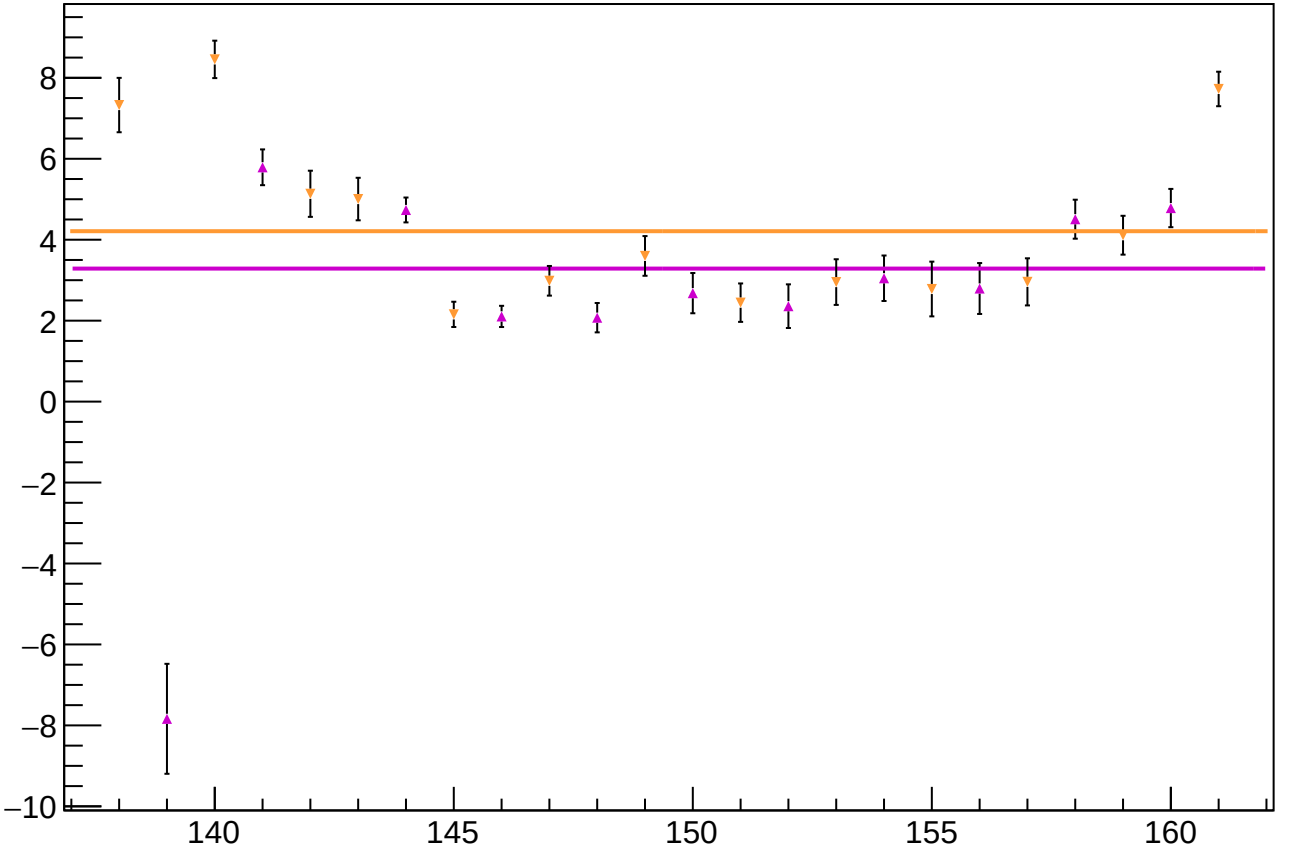
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.618+/-0.191 χ^2/NDF:672.5/10

Out: -9.753+/-0.188 χ^2/NDF:1188.6/12

All: -8.206+/-0.134 χ^2/NDF: 1998.0/23

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: 4.211+/-0.131 χ^2/NDF:262.7/12

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

Left In: 3.287+/-0.129 χ^2/NDF:174.5/10

Left: 3.740+/-0.092 χ^2/NDF: 462.5/23

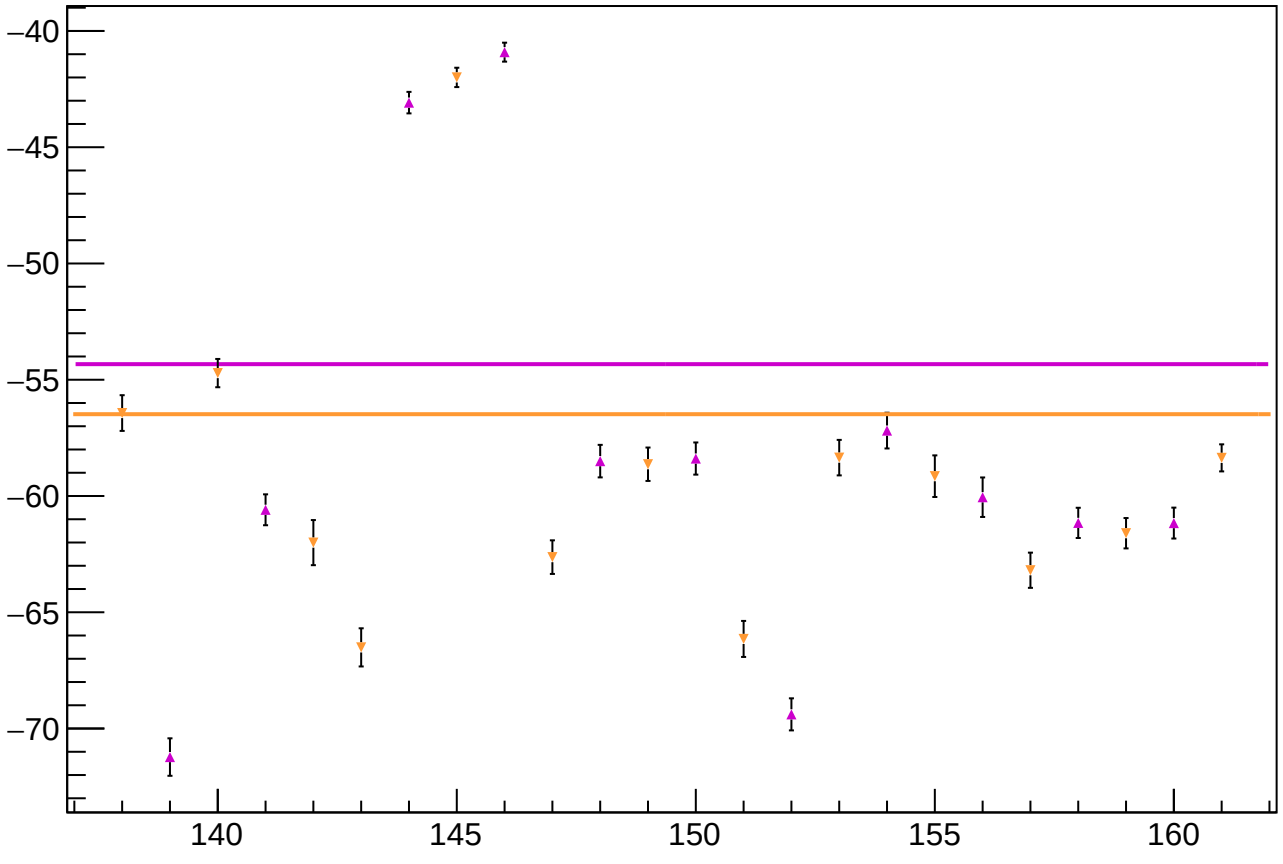
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.287+/-0.129 χ^2/NDF:174.5/10

Out: 4.211+/-0.131 χ^2/NDF:262.7/12

All: 3.740+/-0.092 χ^2/NDF: 462.5/23

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: -56.481+/-0.188 χ^2/NDF:1805.2/12

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

Left In: -54.330+/-0.188 χ^2/NDF:3024.8/10

Left: -55.402+/-0.133 χ^2/NDF: 4895.7/23

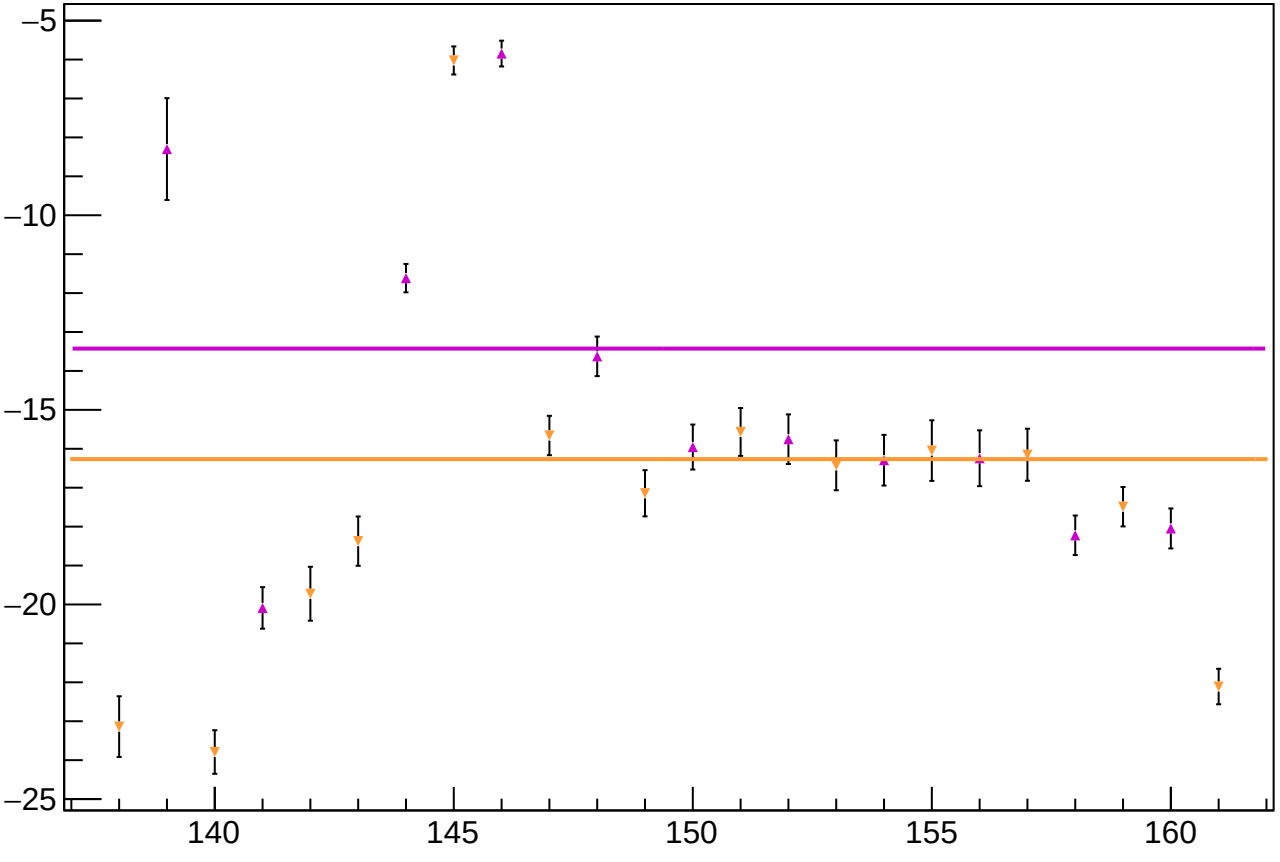
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -54.330+/-0.188 χ^2/NDF:3024.8/10

Out: -56.481+/-0.188 χ^2/NDF:1805.2/12

All: -55.402+/-0.133 χ^2/NDF: 4895.7/23

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -16.265+/-0.155 χ^2/NDF:1274.9/12

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

Left In: -13.426+/-0.154 χ^2/NDF:956.9/10

Left: -14.837+/-0.109 χ^2/NDF: 2400.2/23

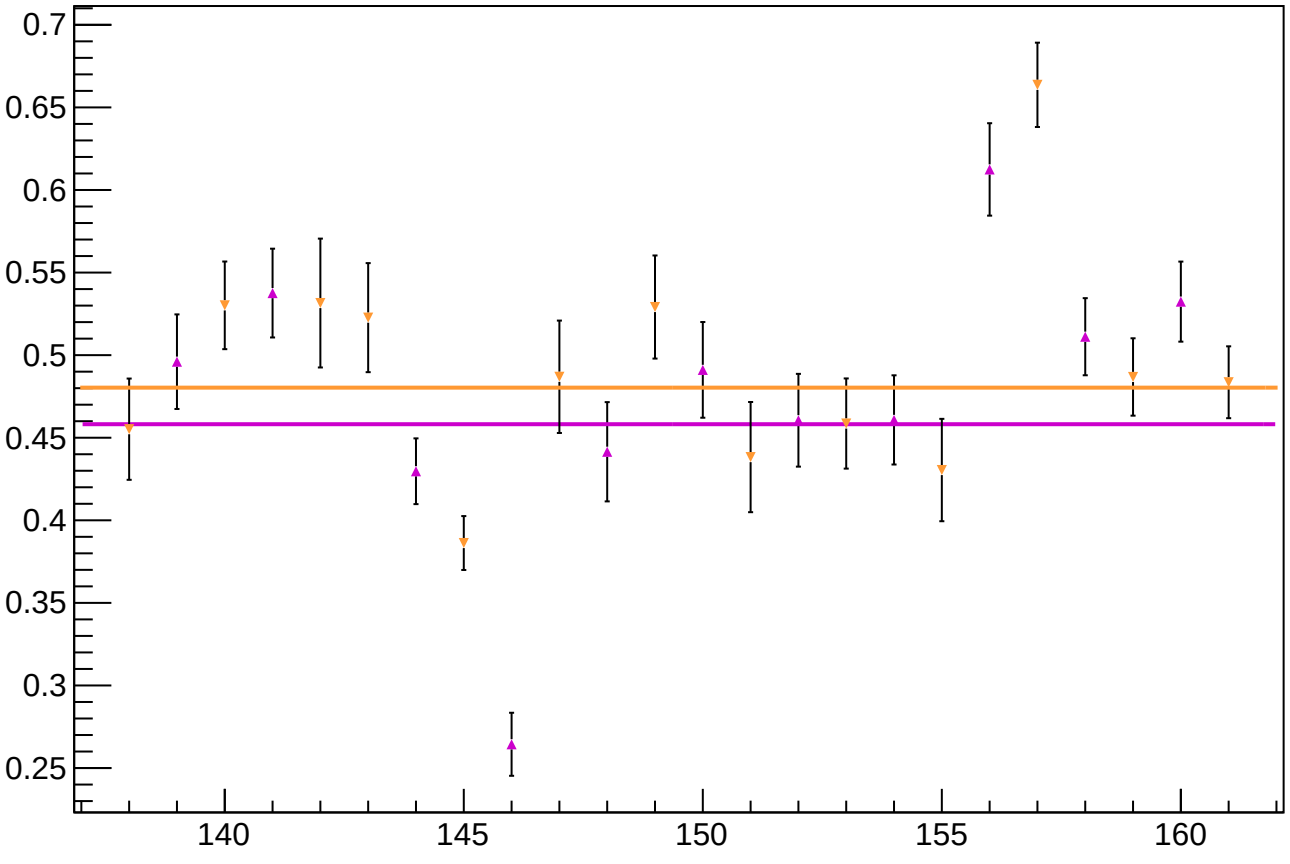
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.426+/-0.154 χ^2/NDF:956.9/10

Out: -16.265+/-0.155 χ^2/NDF:1274.9/12

All: -14.837+/-0.109 χ^2/NDF: 2400.2/23

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: 0.480+/-0.007 χ^2/NDF:99.8/12

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

Left In: 0.458+/-0.008 χ^2/NDF:162.2/10

Left: 0.470+/-0.005 χ^2/NDF: 266.4/23

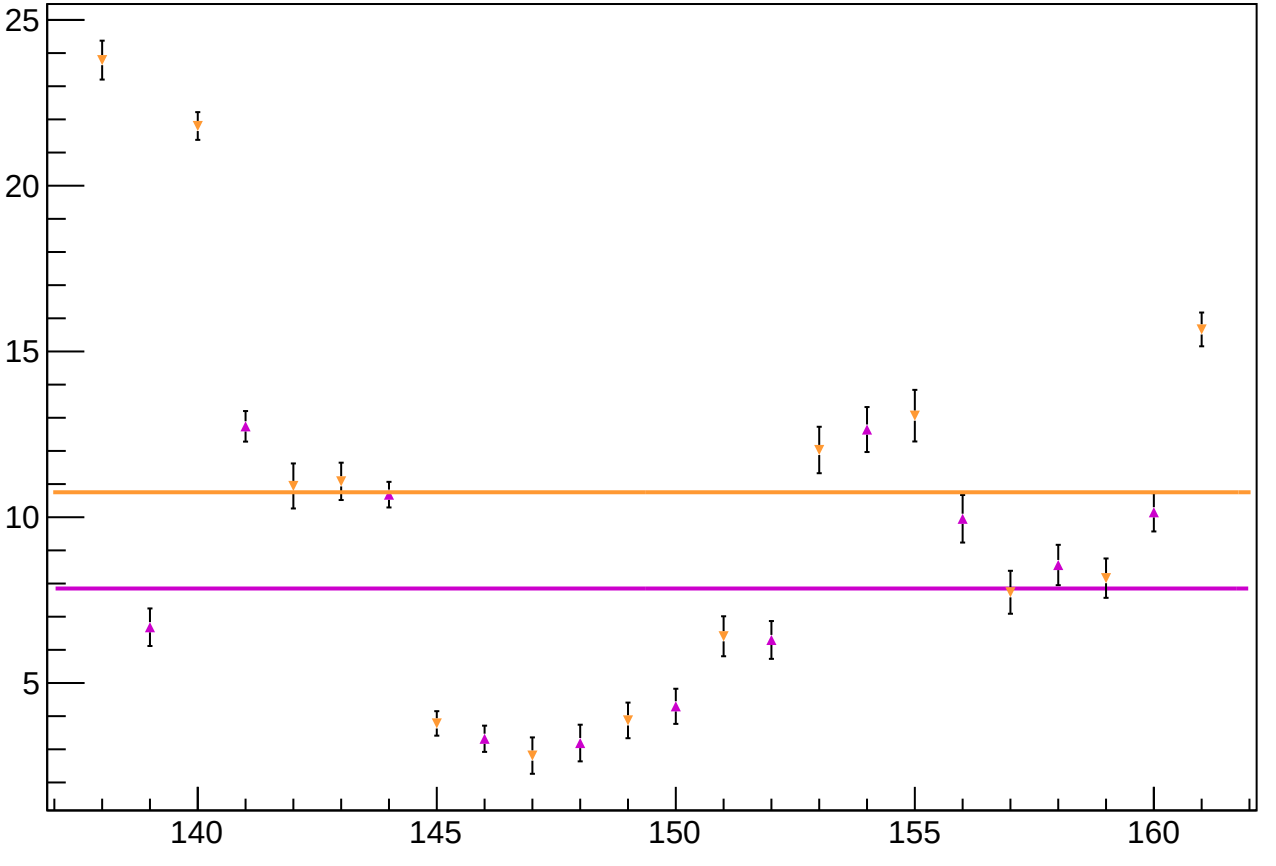
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.458+/-0.008 χ^2/NDF:162.2/10

Out: 0.480+/-0.007 χ^2/NDF:99.8/12

All: 0.470+/-0.005 χ^2/NDF: 266.4/23

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: 10.753+/-0.151 χ^2/NDF:2119.0/12

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

Left In: 7.850+/-0.157 χ^2/NDF:500.9/10

Left: 9.353+/-0.109 χ^2/NDF: 2797.1/23

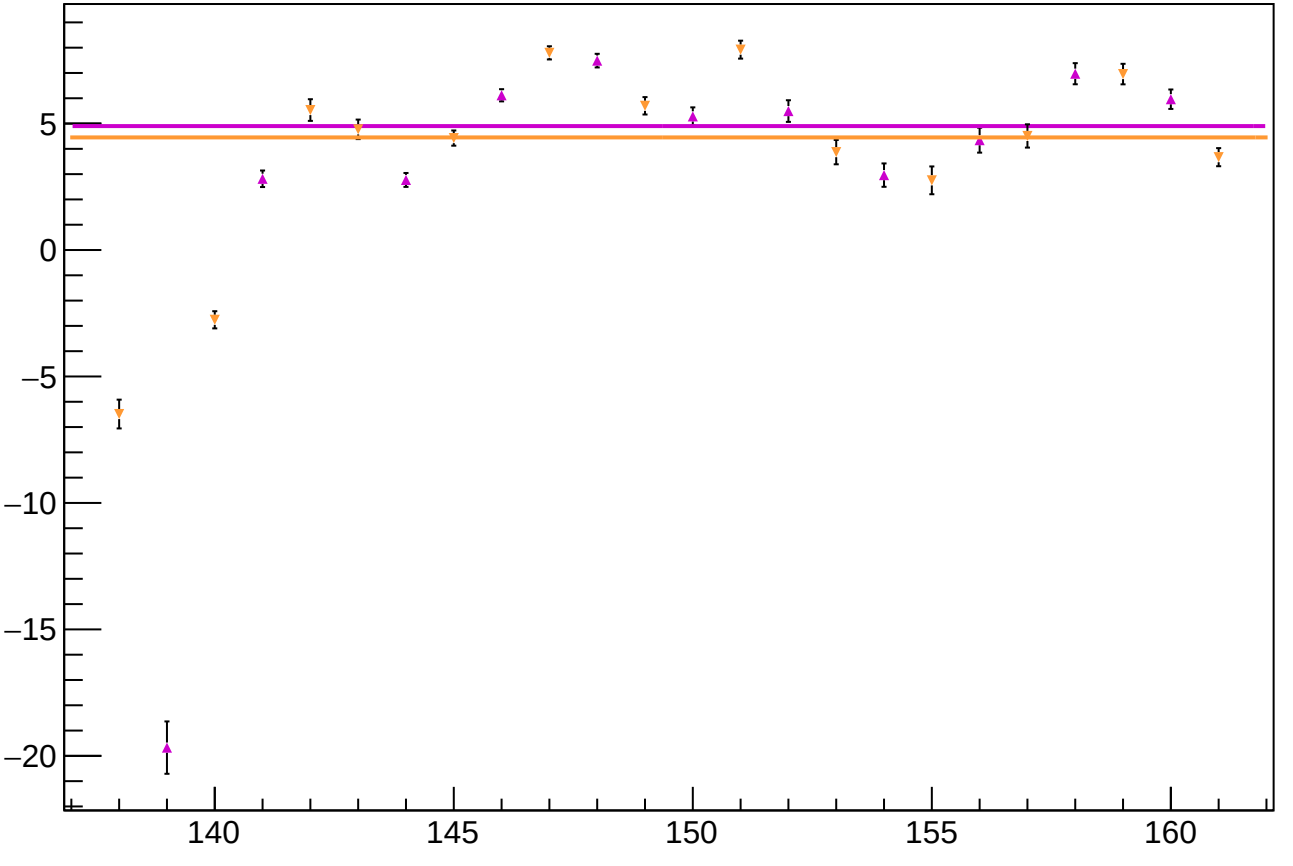
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.850+/-0.157 χ^2/NDF:500.9/10

Out: 10.753+/-0.151 χ^2/NDF:2119.0/12

All: 9.353+/-0.109 χ^2/NDF: 2797.1/23

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 4.452+/-0.104 χ^2/NDF:1154.4/12

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

Left In: 4.900+/-0.106 χ^2/NDF:835.8/10

Left: 4.672+/-0.074 χ^2/NDF: 1999.2/23

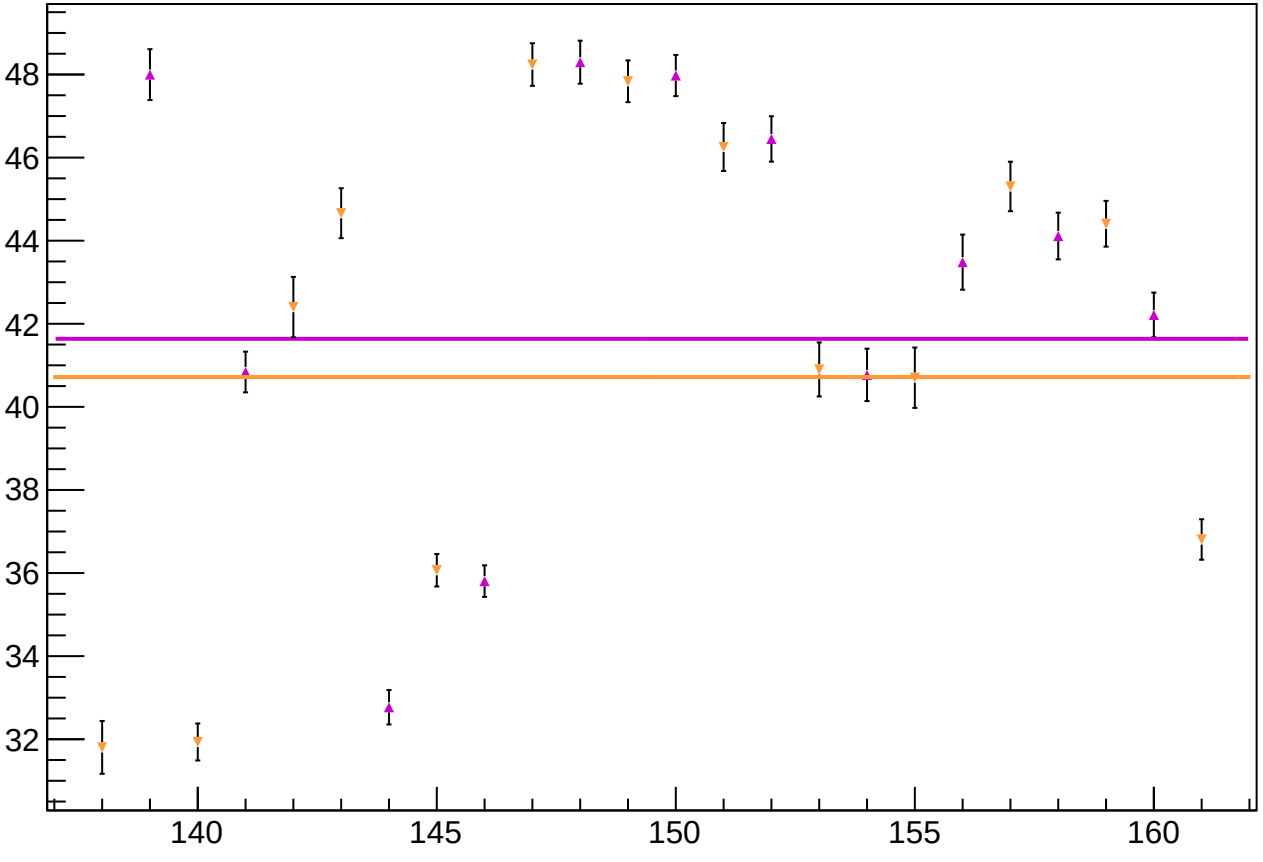
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.900+/-0.106 χ^2/NDF:835.8/10

Out: 4.452+/-0.104 χ^2/NDF:1154.4/12

All: 4.672+/-0.074 χ^2/NDF: 1999.2/23

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: 40.718+/-0.151 χ^2/NDF:1451.8/12

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

Left In: 41.638+/-0.154 χ^2/NDF:1242.4/10

Left: 41.168+/-0.108 χ^2/NDF: 2712.5/23

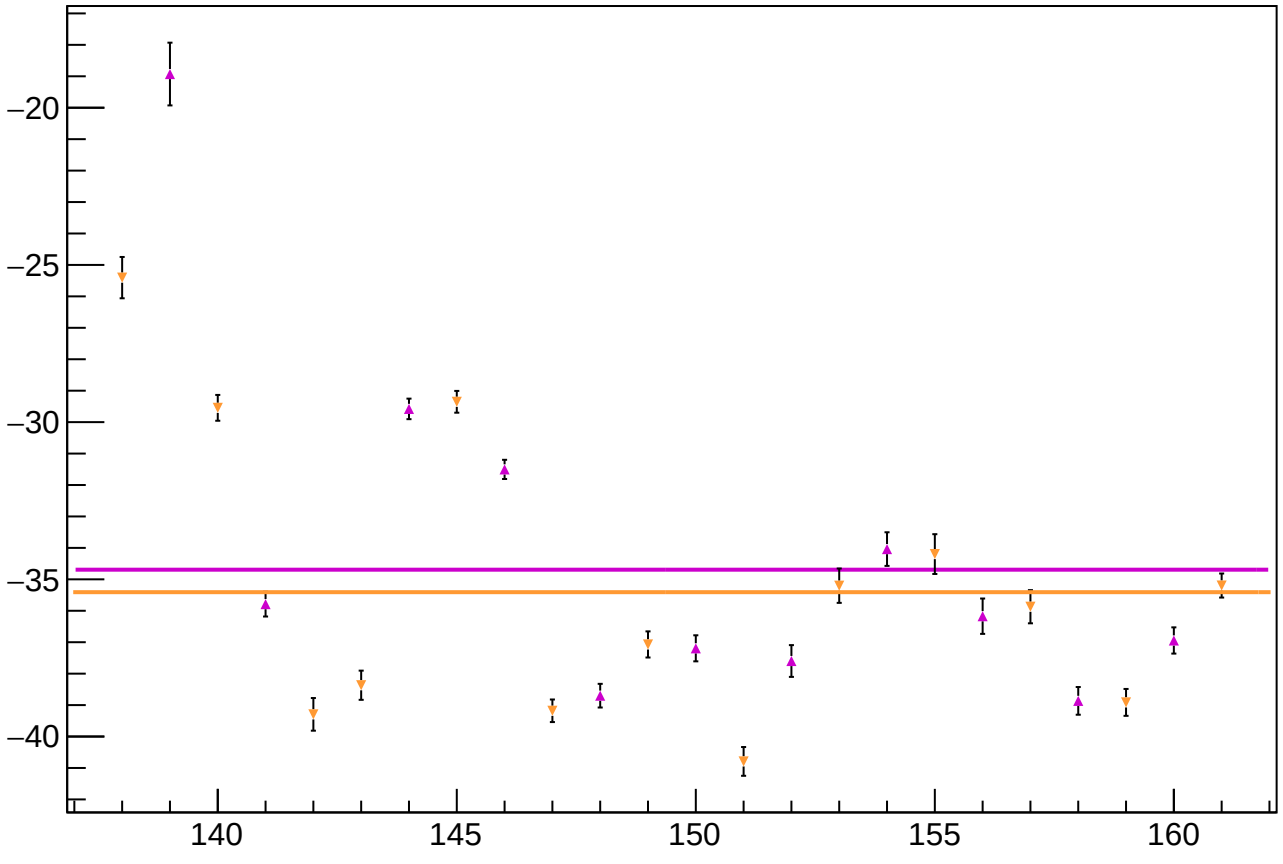
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.638+/-0.154 χ^2/NDF:1242.4/10

Out: 40.718+/-0.151 χ^2/NDF:1451.8/12

All: 41.168+/-0.108 χ^2/NDF: 2712.5/23

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: -35.409+/-0.124 χ^2/NDF:1174.7/12

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

Left In: -34.693+/-0.127 χ^2/NDF:922.2/10

Left: -35.060+/-0.089 χ^2/NDF: 2113.1/23

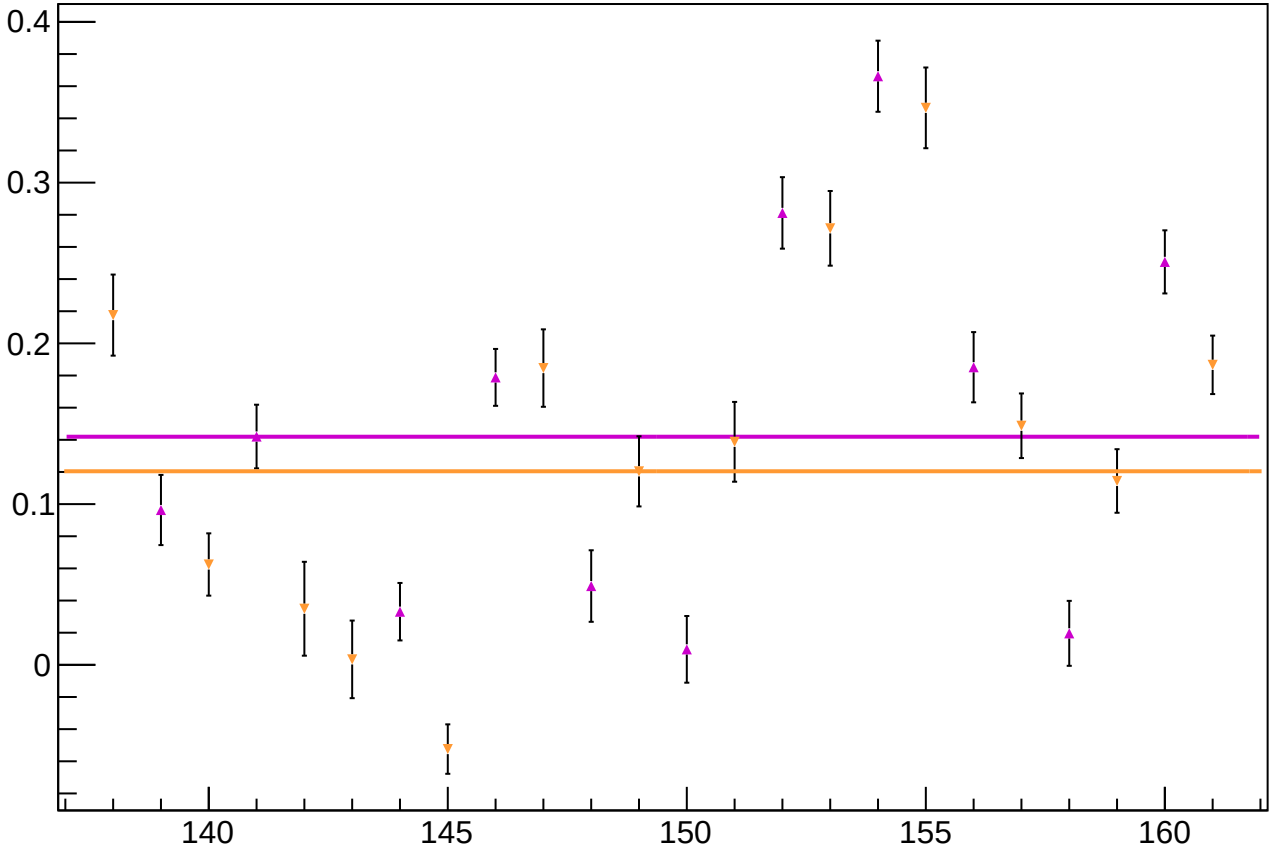
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.693+/-0.127 χ^2/NDF:922.2/10

Out: -35.409+/-0.124 χ^2/NDF:1174.7/12

All: -35.060+/-0.089 χ^2/NDF: 2113.1/23

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: 0.120+/-0.006 χ^2/NDF:328.5/12

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

Left In: 0.142+/-0.006 χ^2/NDF:317.1/10

Left: 0.131+/-0.004 χ^2/NDF: 652.0/23

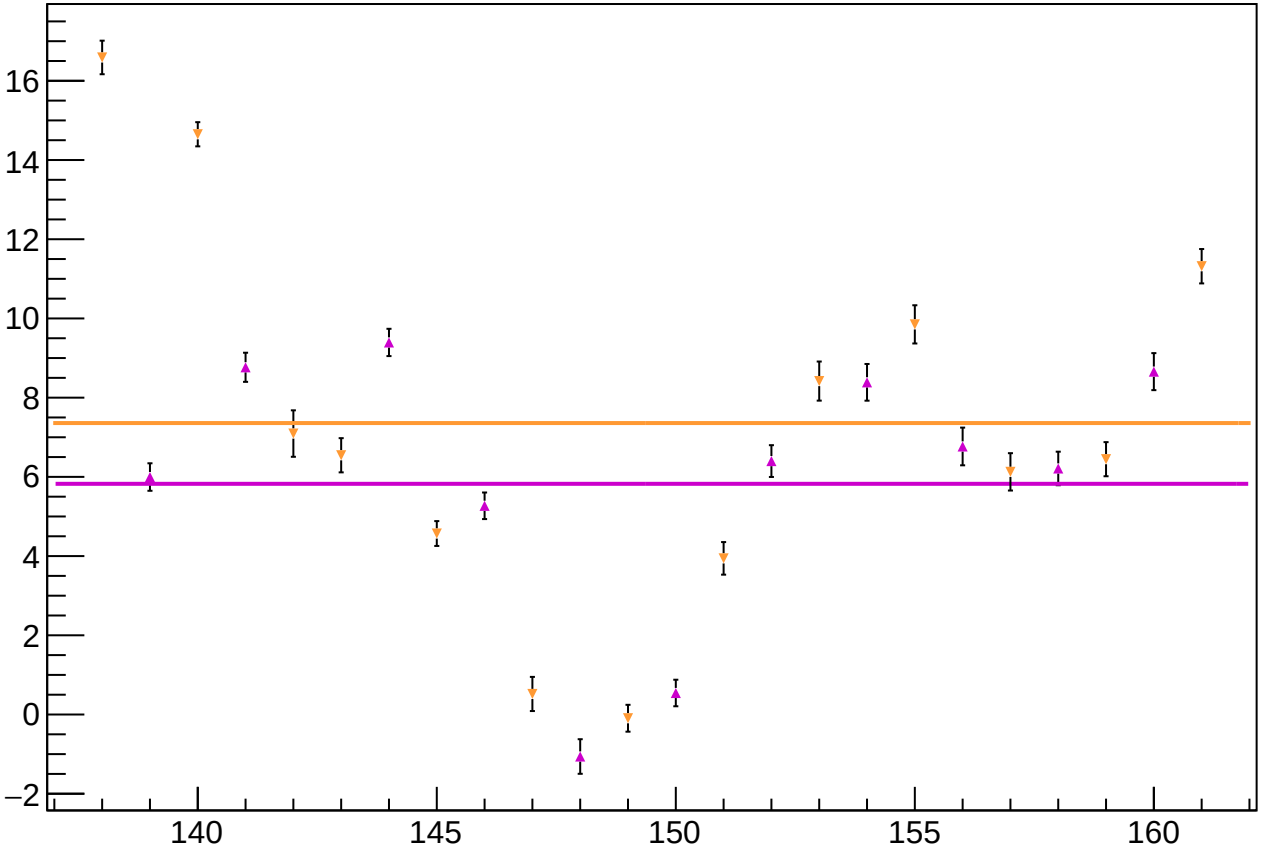
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.142+/-0.006 χ^2/NDF:317.1/10

Out: 0.120+/-0.006 χ^2/NDF:328.5/12

All: 0.131+/-0.004 χ^2/NDF: 652.0/23

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 7.359+/-0.113 χ^2/NDF:2057.6/12

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

Left In: 5.825+/-0.117 χ^2/NDF:745.6/10

Left: 6.621+/-0.081 χ^2/NDF: 2891.8/23

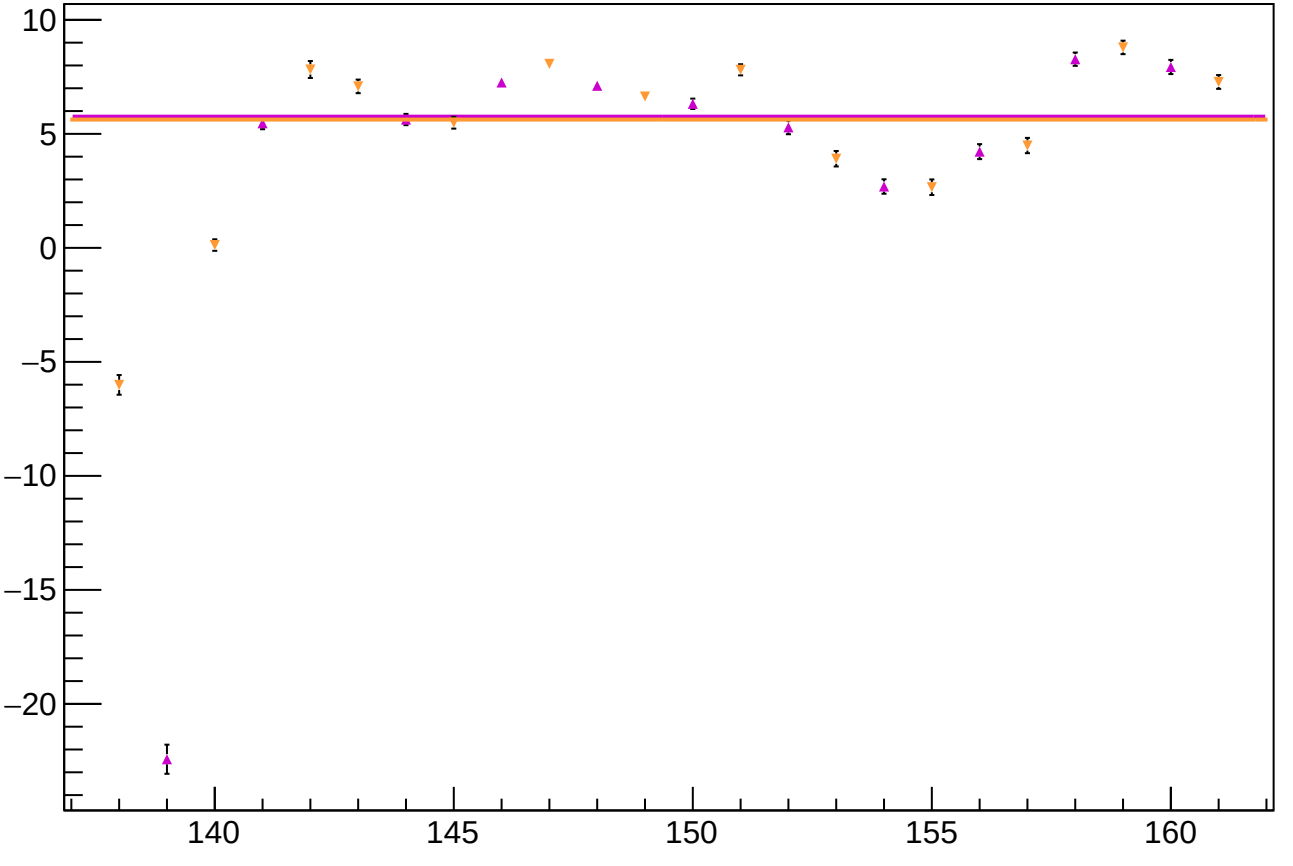
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.825+/-0.117 χ^2/NDF:745.6/10

Out: 7.359+/-0.113 χ^2/NDF:2057.6/12

All: 6.621+/-0.081 χ^2/NDF: 2891.8/23

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: 5.627+/-0.078 χ^2/NDF:1757.5/12

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

Left In: 5.755+/-0.082 χ^2/NDF:2283.3/10

Left: 5.687+/-0.057 χ^2/NDF: 4042.0/23

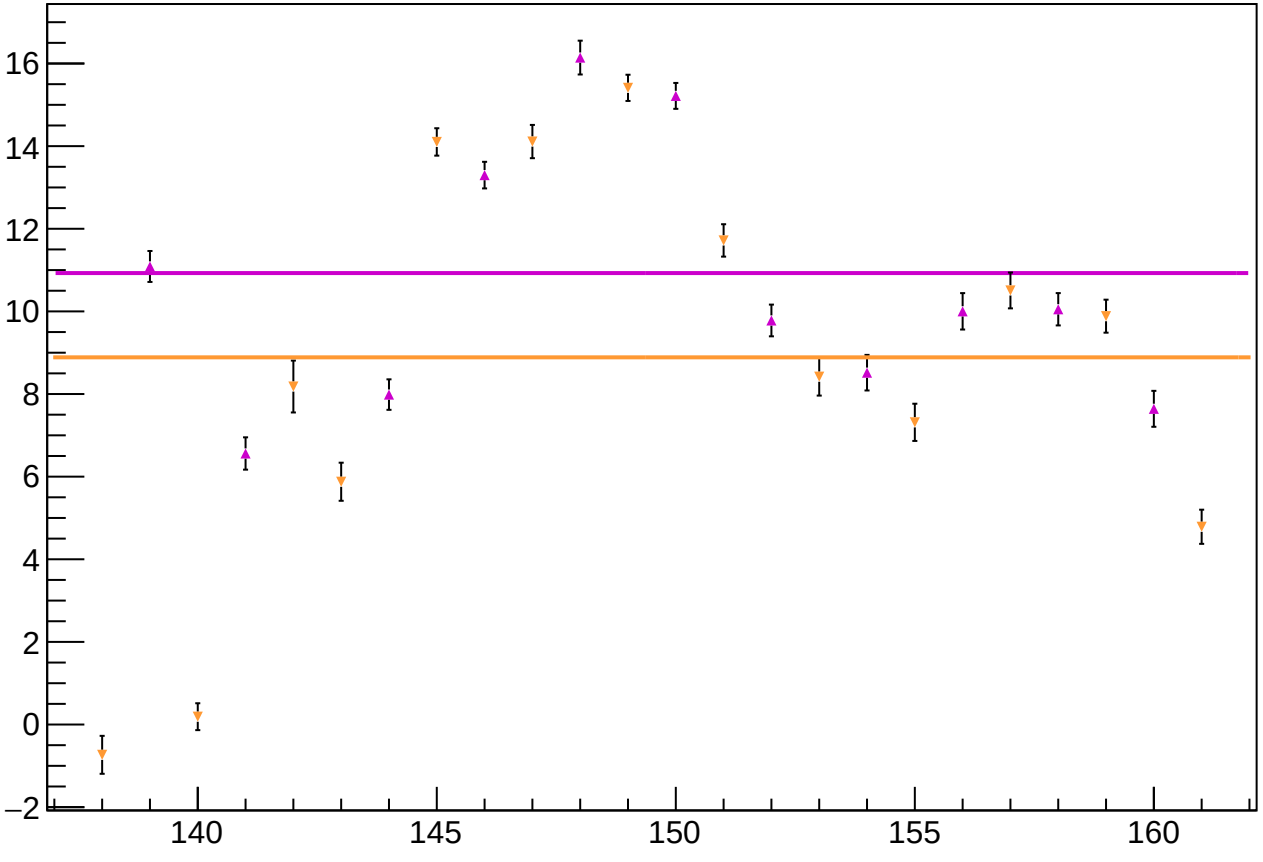
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.755+/-0.082 χ^2/NDF:2283.3/10

Out: 5.627+/-0.078 χ^2/NDF:1757.5/12

All: 5.687+/-0.057 χ^2/NDF: 4042.0/23

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: 8.888+/-0.112 χ^2/NDF:2219.9/12

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

Left In: 10.928+/-0.115 χ^2/NDF:698.9/10

Left: 9.879+/-0.080 χ^2/NDF: 3081.2/23

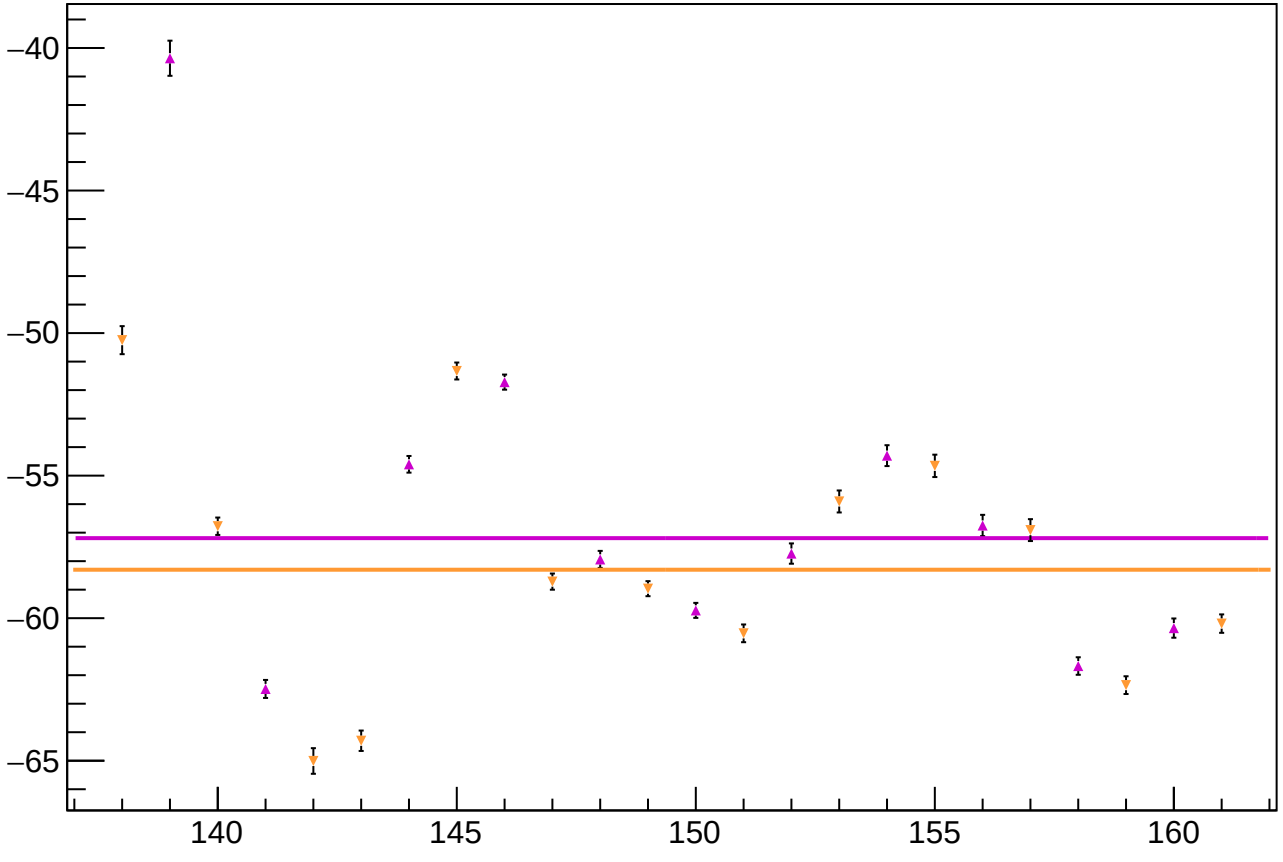
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.928+/-0.115 χ^2/NDF:698.9/10

Out: 8.888+/-0.112 χ^2/NDF:2219.9/12

All: 9.879+/-0.080 χ^2/NDF: 3081.2/23

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -58.300+/-0.093 χ^2/NDF:1748.6/12

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

Left In: -57.193+/-0.097 χ^2/NDF:1997.3/10

Left: -57.771+/-0.067 χ^2/NDF: 3813.9/23

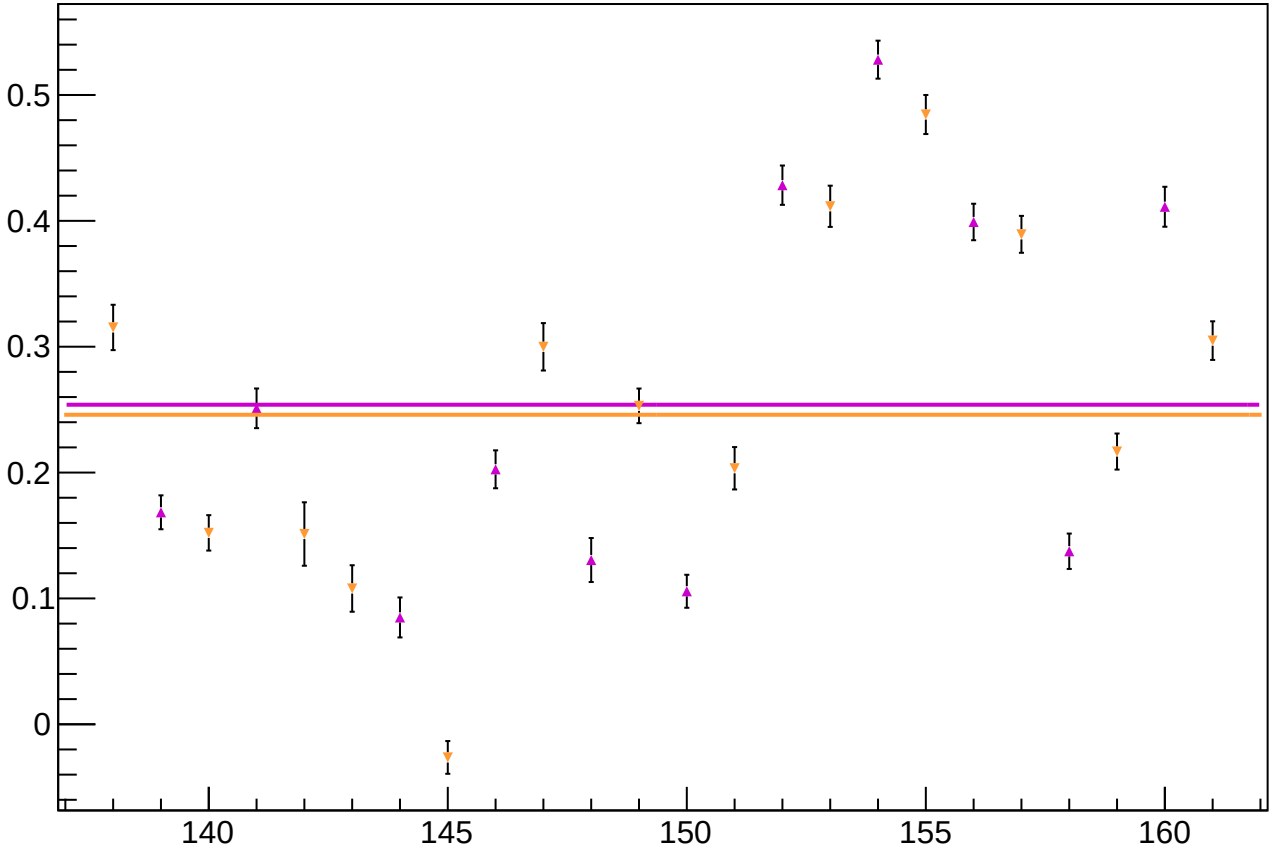
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -57.193+/-0.097 χ^2/NDF:1997.3/10

Out: -58.300+/-0.093 χ^2/NDF:1748.6/12

All: -57.771+/-0.067 χ^2/NDF: 3813.9/23

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: 0.246+/-0.004 χ^2/NDF:1035.0/12

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

Left In: 0.254+/-0.005 χ^2/NDF:1064.7/10

Left: 0.250+/-0.003 χ^2/NDF: 2101.4/23

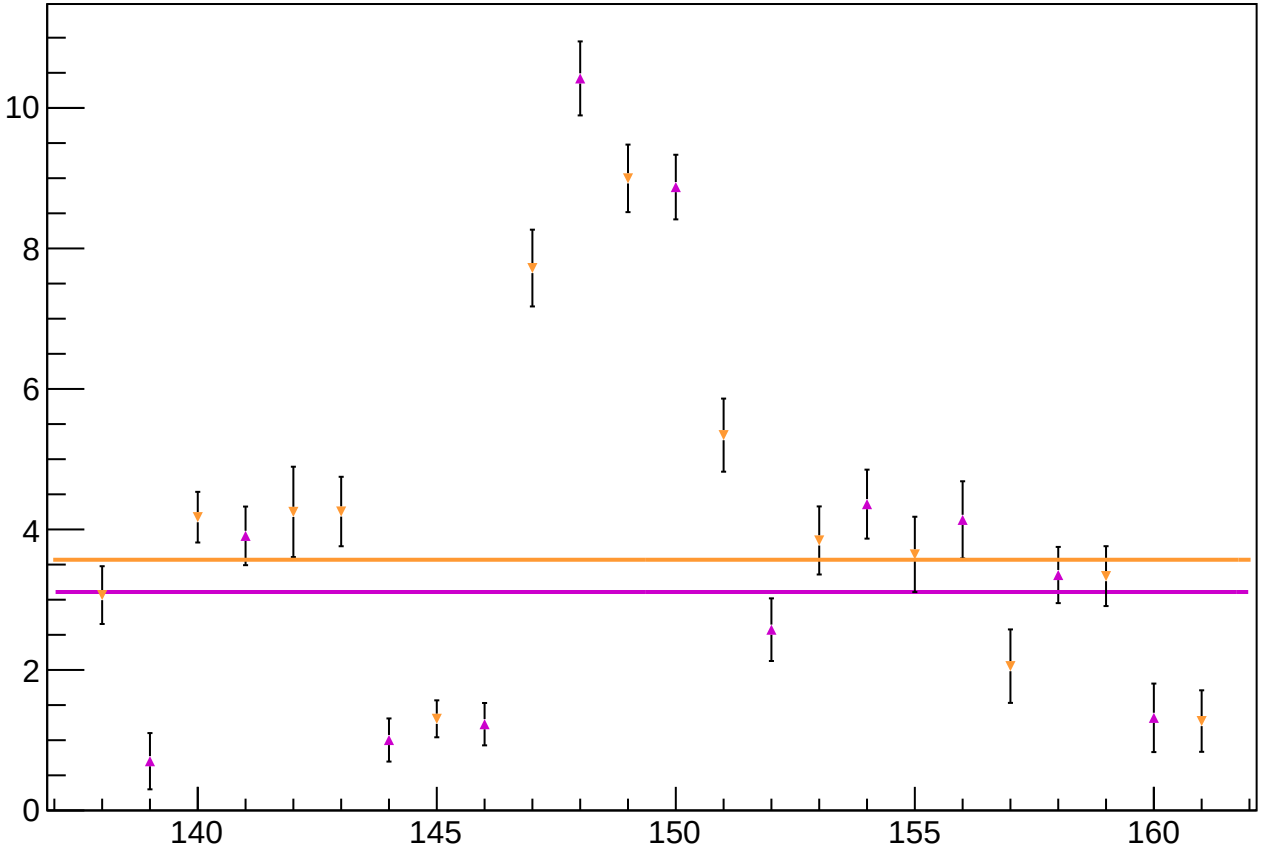
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.254+/-0.005 χ^2/NDF:1064.7/10

Out: 0.246+/-0.004 χ^2/NDF:1035.0/12

All: 0.250+/-0.003 χ^2/NDF: 2101.4/23

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.569+/-0.121 χ^2/NDF:315.0/12

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

Left In: 3.110+/-0.124 χ^2/NDF:500.9/10

Left: 3.345+/-0.087 χ^2/NDF: 822.9/23

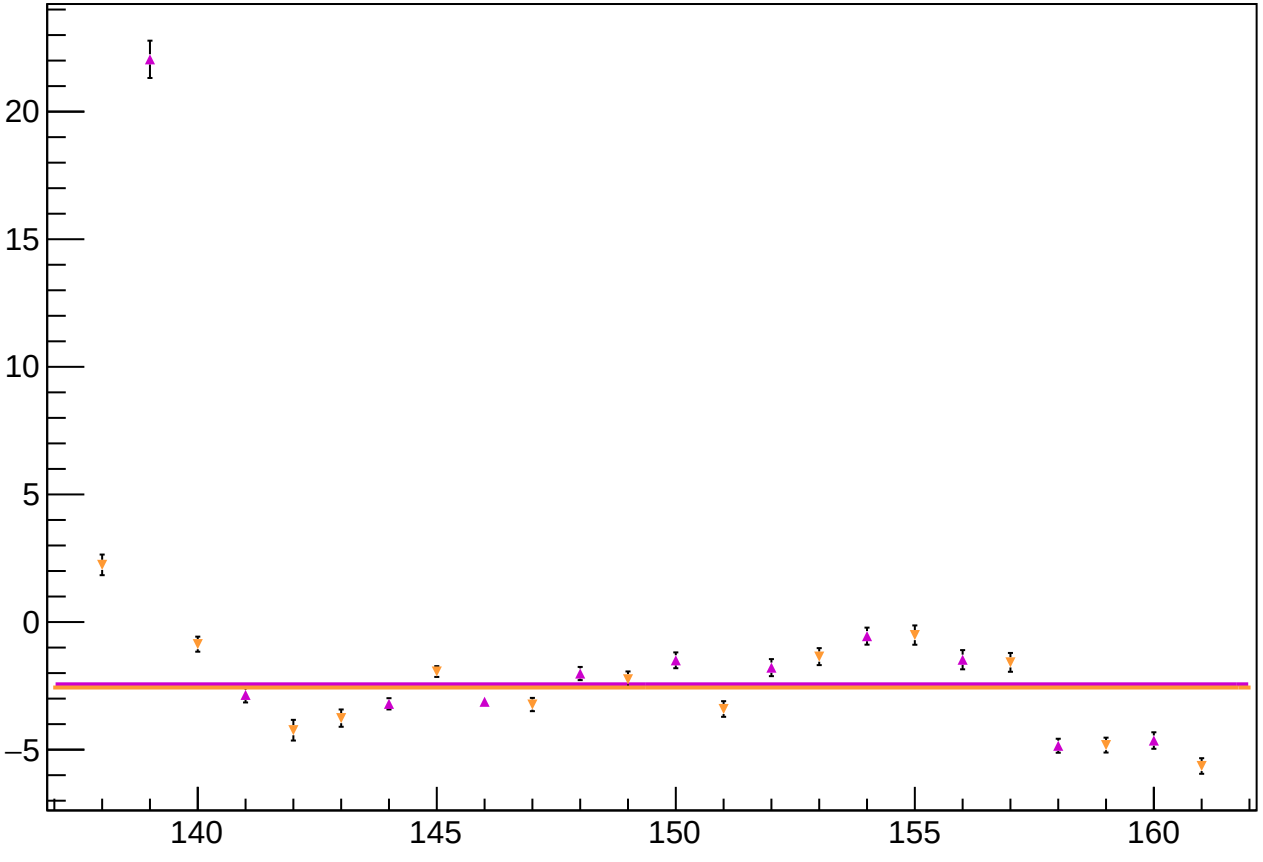
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.110+/-0.124 χ^2/NDF:500.9/10

Out: 3.569+/-0.121 χ^2/NDF:315.0/12

All: 3.345+/-0.087 χ^2/NDF: 822.9/23

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: -2.565+/-0.086 χ^2/NDF:438.9/12

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

Left In: -2.440+/-0.086 χ^2/NDF:1326.1/10

Left: -2.503+/-0.061 χ^2/NDF: 1766.1/23

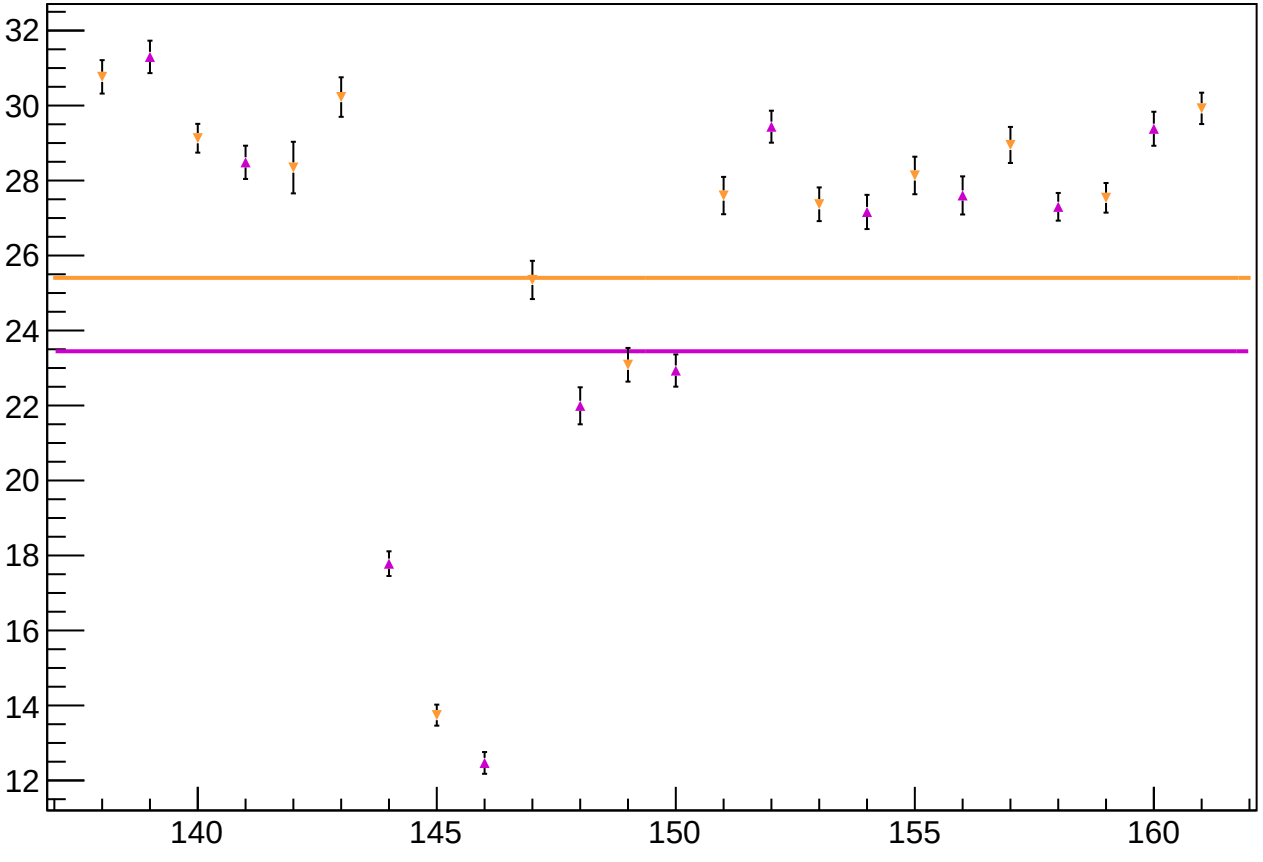
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.440+/-0.086 χ^2/NDF:1326.1/10

Out: -2.565+/-0.086 χ^2/NDF:438.9/12

All: -2.503+/-0.061 χ^2/NDF: 1766.1/23

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: 25.404+/-0.121 χ^2/NDF:2366.3/12

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

Left In: 23.446+/-0.122 χ^2/NDF:2807.3/10

Left: 24.433+/-0.086 χ^2/NDF: 5303.8/23

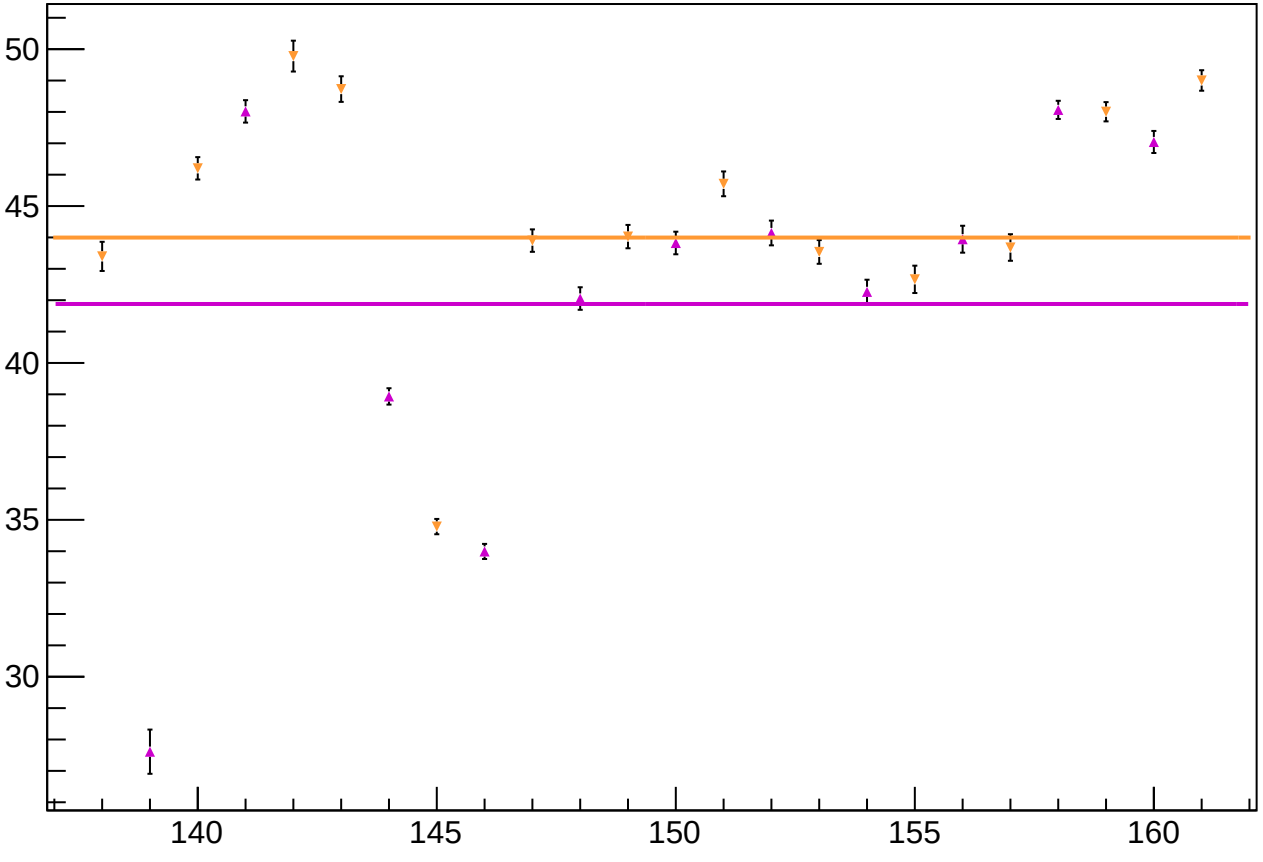
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 23.446+/-0.122 χ^2/NDF:2807.3/10

Out: 25.404+/-0.121 χ^2/NDF:2366.3/12

All: 24.433+/-0.086 χ^2/NDF: 5303.8/23

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 43.996+/-0.101 χ^2/NDF:2173.8/12

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

Left In: 41.879+/-0.102 χ^2/NDF:2666.0/10

Left: 42.953+/-0.072 χ^2/NDF: 5057.8/23

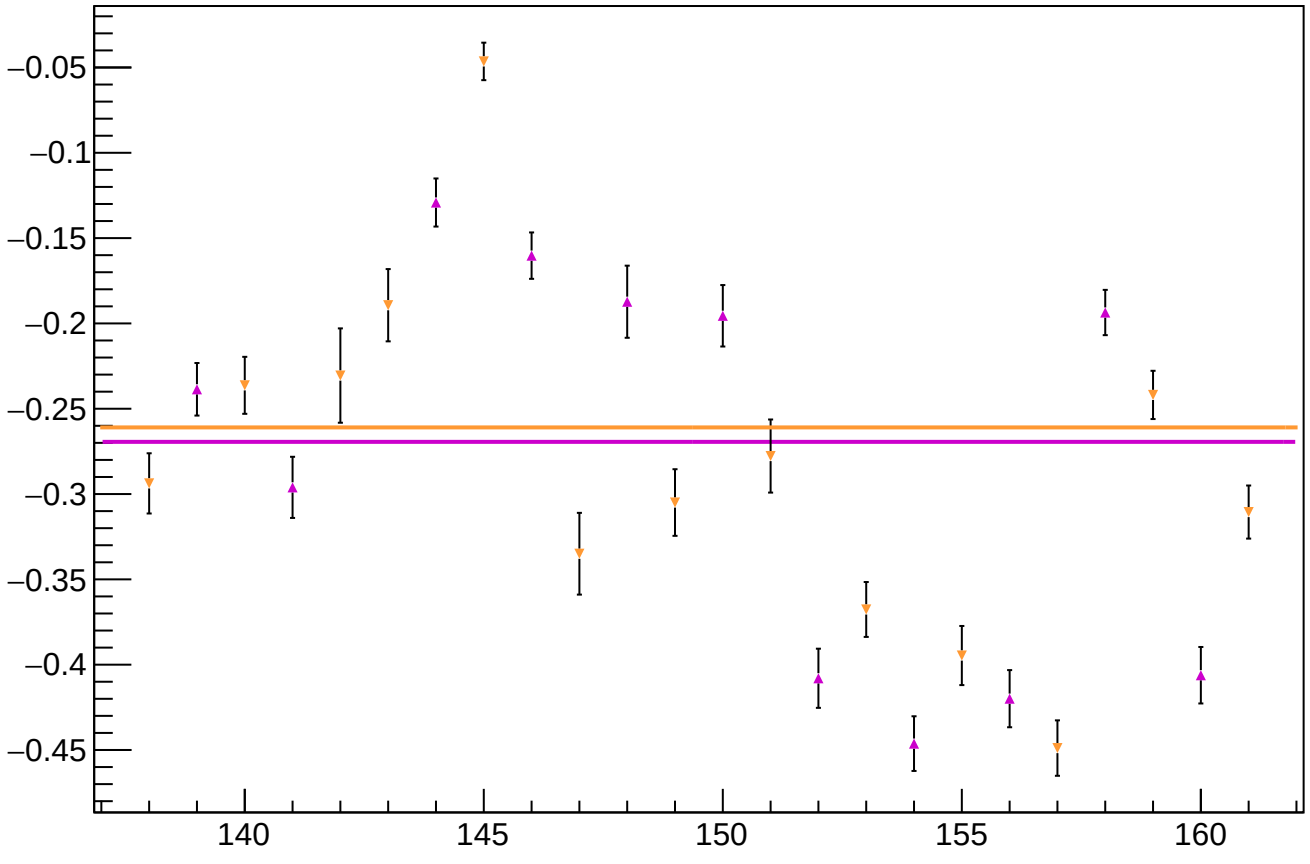
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.879+/-0.102 χ^2/NDF:2666.0/10

Out: 43.996+/-0.101 χ^2/NDF:2173.8/12

All: 42.953+/-0.072 χ^2/NDF: 5057.8/23

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.261+/-0.005 χ^2/NDF:664.2/12

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

Left In: -0.269+/-0.005 χ^2/NDF:569.0/10

Left: -0.265+/-0.003 χ^2/NDF: 1234.8/23

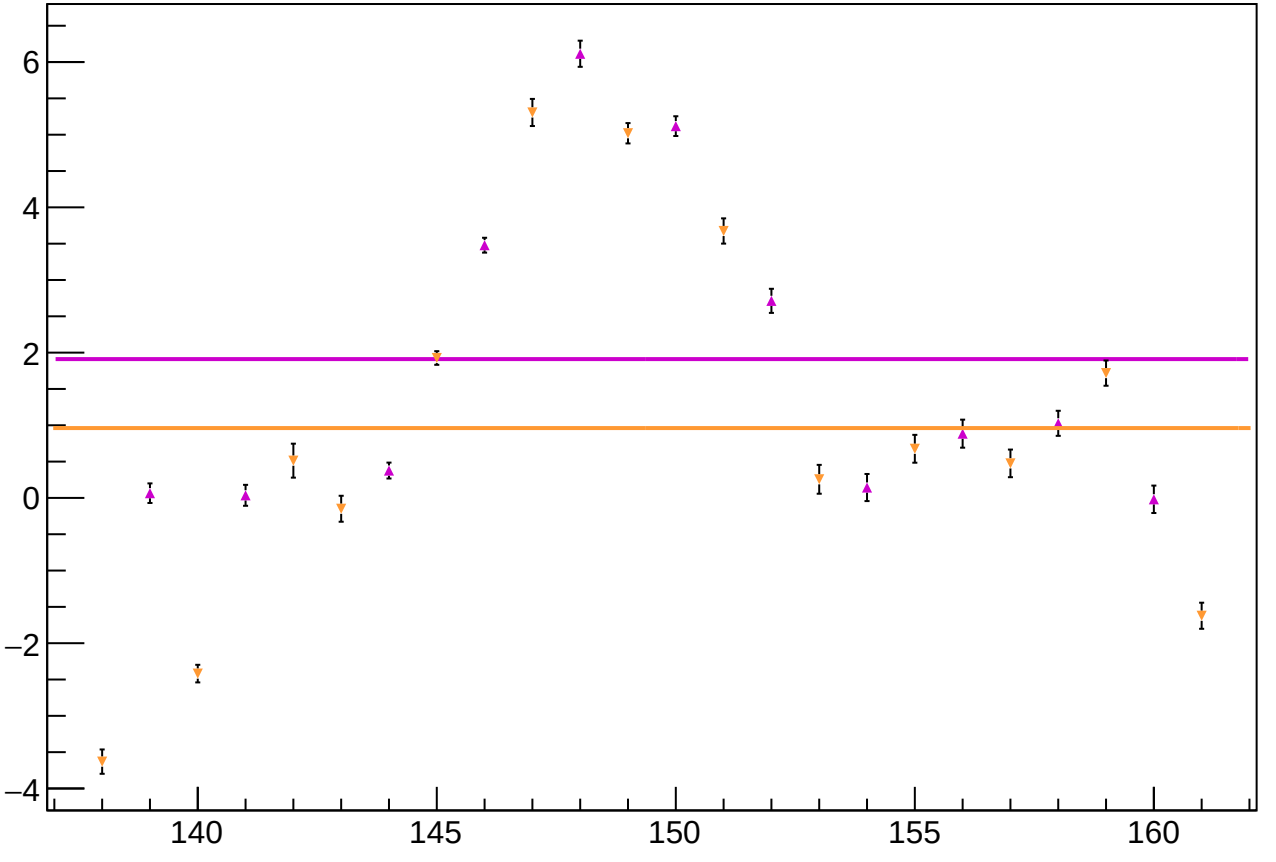
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.269+/-0.005 χ^2/NDF:569.0/10

Out: -0.261+/-0.005 χ^2/NDF:664.2/12

All: -0.265+/-0.003 χ^2/NDF: 1234.8/23

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: 0.961+/-0.044 χ^2/NDF:3551.4/12

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

Left In: 1.911+/-0.044 χ^2/NDF:2163.0/10

Left: 1.435+/-0.031 χ^2/NDF: 5949.8/23

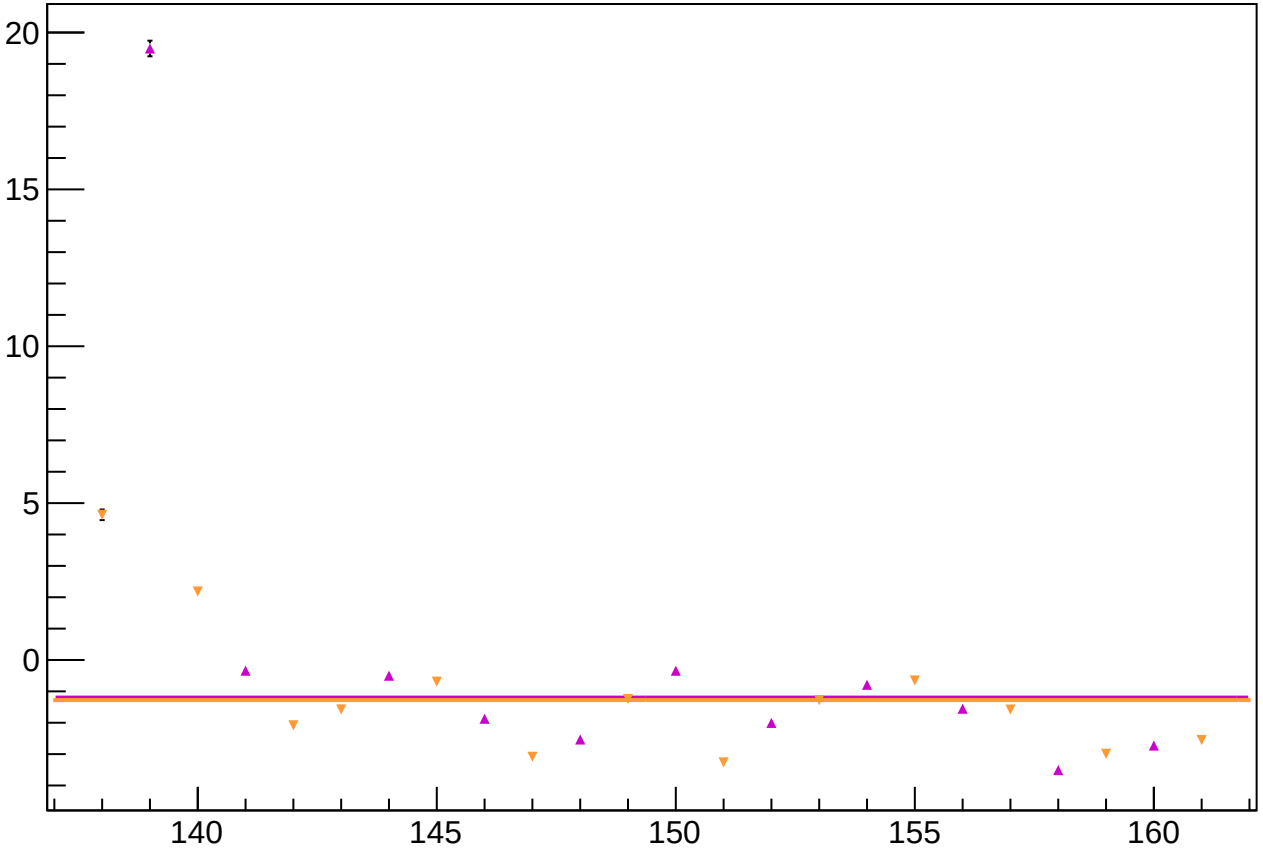
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.911+/-0.044 χ^2/NDF:2163.0/10

Out: 0.961+/-0.044 χ^2/NDF:3551.4/12

All: 1.435+/-0.031 χ^2/NDF: 5949.8/23

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: -1.278+/-0.031 χ^2/NDF:3624.9/12

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

Left In: -1.199+/-0.031 χ^2/NDF:8044.2/10

Left: -1.238+/-0.022 χ^2/NDF: 11672.4/23

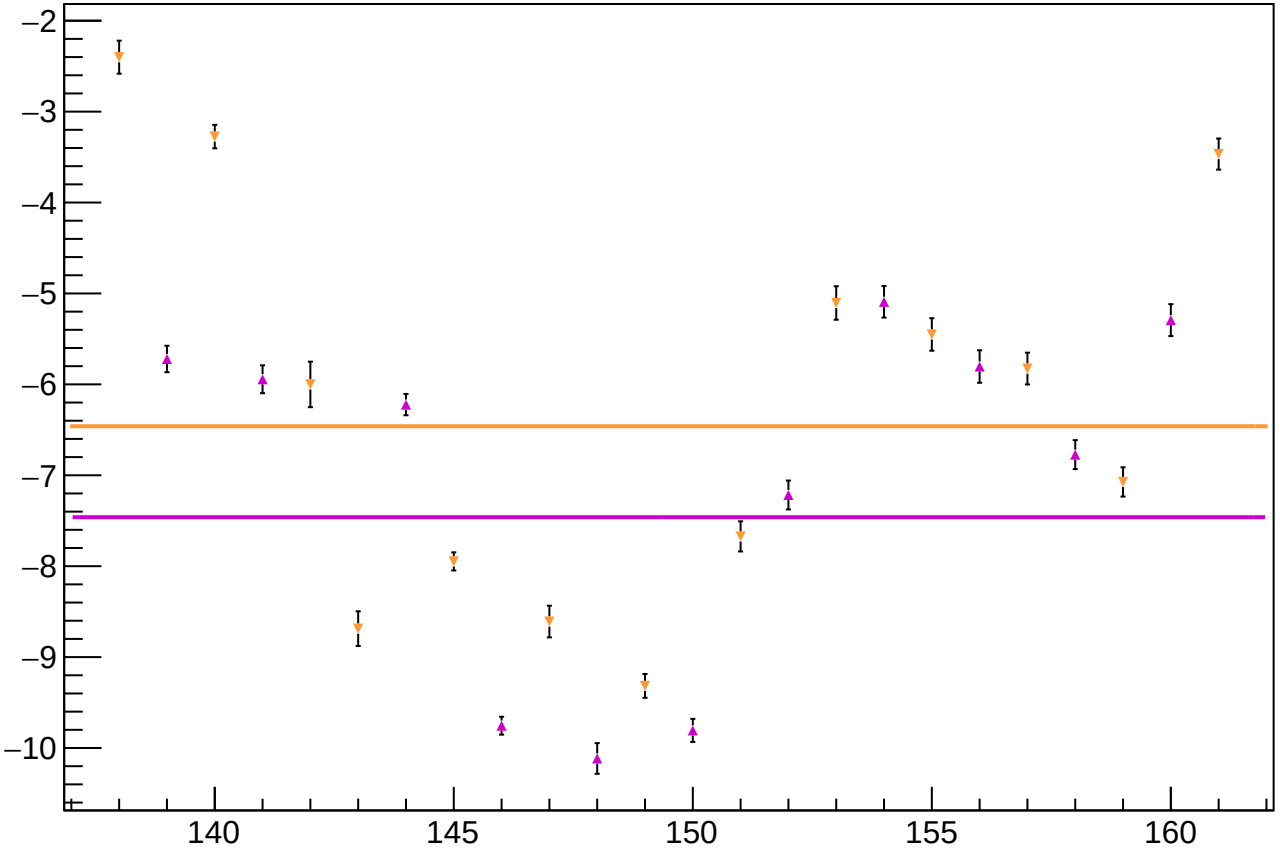
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.199+/-0.031 χ^2/NDF:8044.2/10

Out: -1.278+/-0.031 χ^2/NDF:3624.9/12

All: -1.238+/-0.022 χ^2/NDF: 11672.4/23

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: -6.461+/-0.044 χ^2/NDF:2572.3/12

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

Left In: -7.461+/-0.043 χ^2/NDF:1928.9/10

Left: -6.966+/-0.031 χ^2/NDF: 4768.2/23

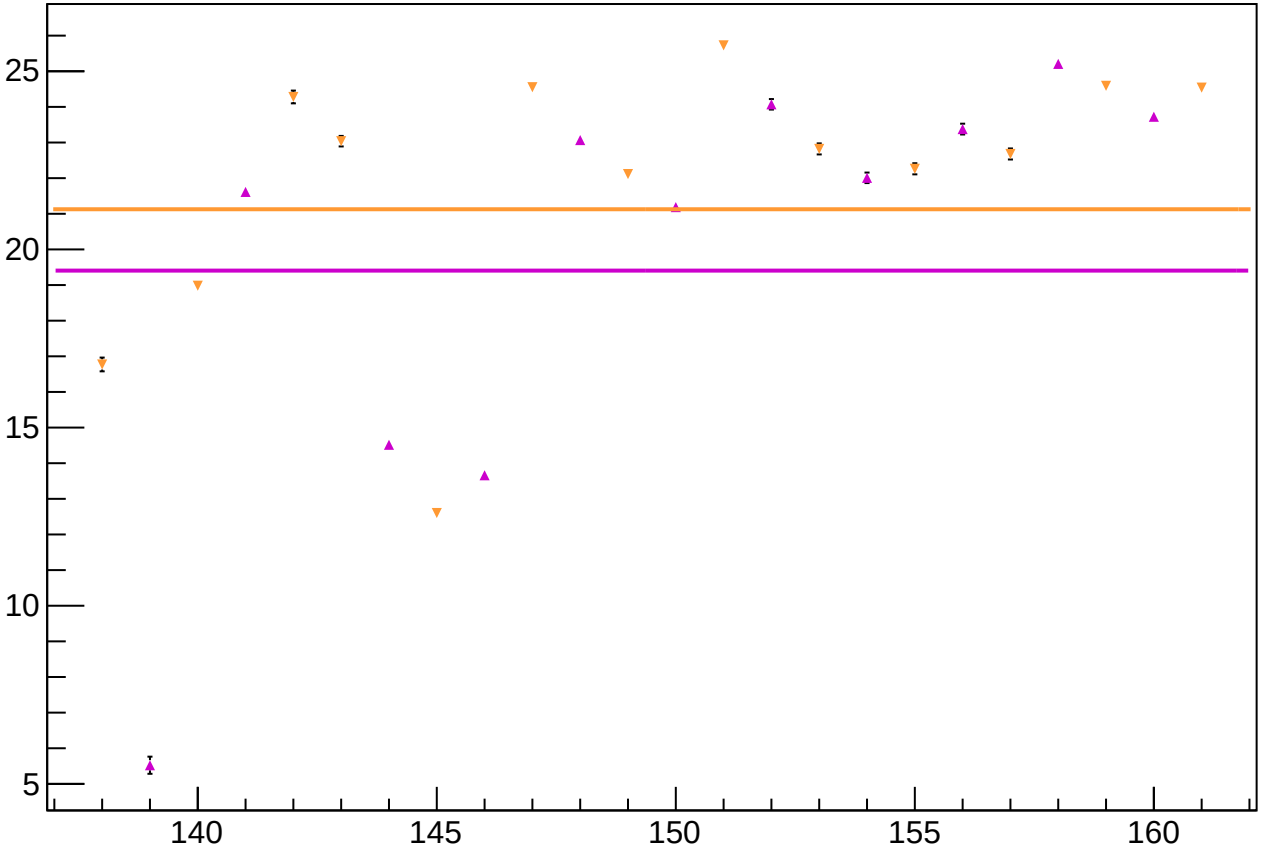
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.461+/-0.043 χ^2/NDF:1928.9/10

Out: -6.461+/-0.044 χ^2/NDF:2572.3/12

All: -6.966+/-0.031 χ^2/NDF: 4768.2/23

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 21.127+/-0.036 χ^2/NDF:14404.7/12

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

Left In: 19.405+/-0.036 χ^2/NDF:17615.2/10

Left: 20.266+/-0.026 χ^2/NDF: 33136.7/23

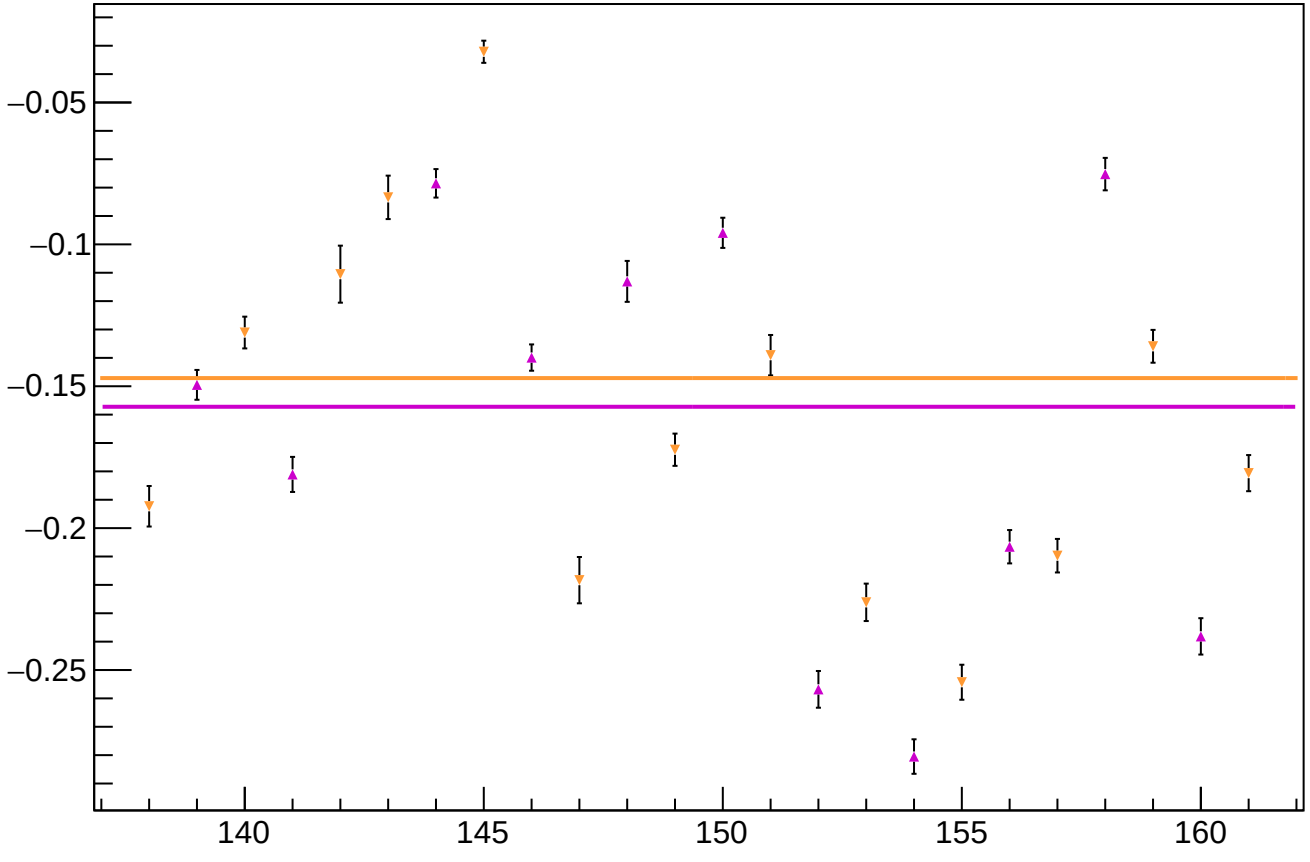
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.405+/-0.036 χ^2/NDF:17615.2/10

Out: 21.127+/-0.036 χ^2/NDF:14404.7/12

All: 20.266+/-0.026 χ^2/NDF: 33136.7/23

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+/-0.002 χ^2/NDF:1682.9/12

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

Left In: -0.157+/-0.002 χ^2/NDF:1530.6/10

Left: -0.152+/-0.001 χ^2/NDF: 3230.9/23

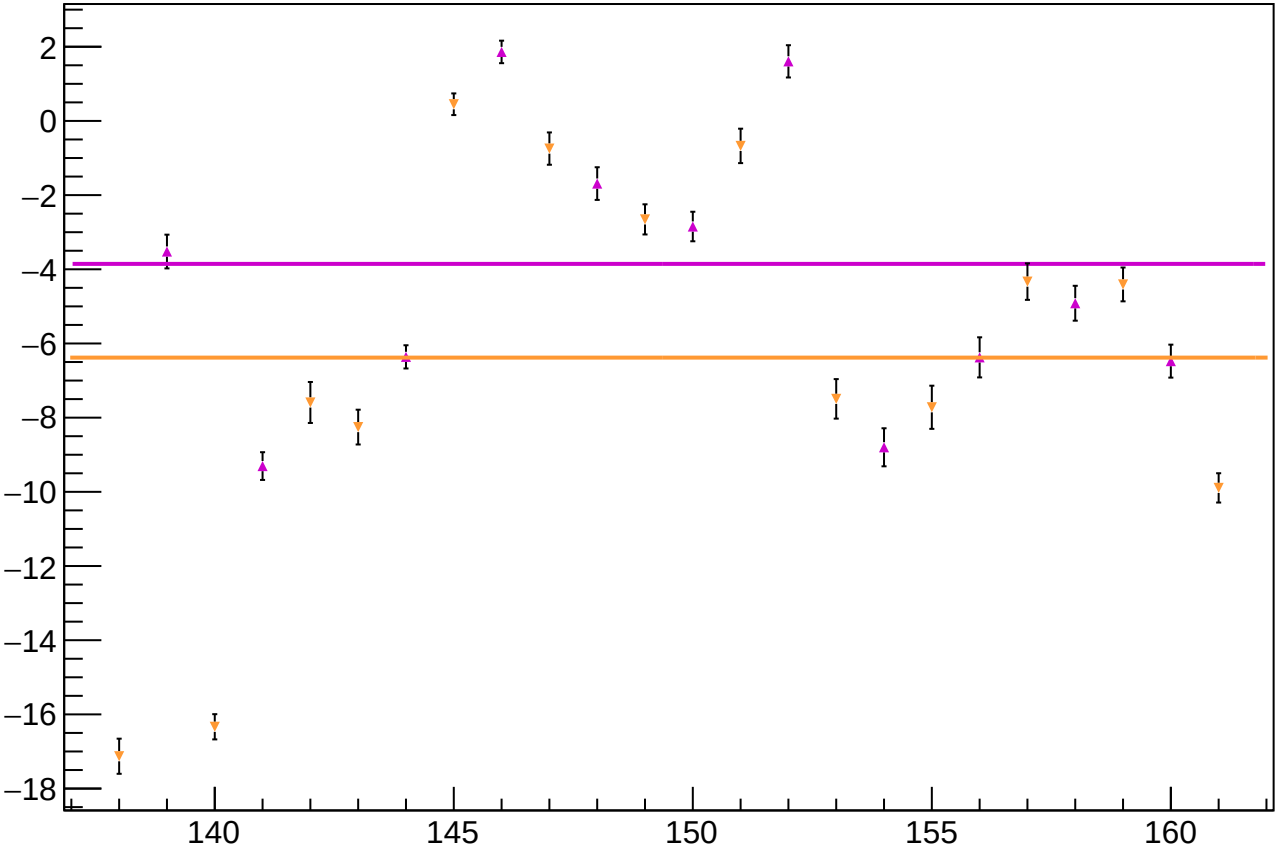
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.157+/-0.002 χ^2/NDF:1530.6/10

Out: -0.147+/-0.002 χ^2/NDF:1682.9/12

All: -0.152+/-0.001 χ^2/NDF: 3230.9/23

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: -6.381+/-0.119 χ^2/NDF:2467.6/12

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

Left In: -3.854+/-0.123 χ^2/NDF:974.7/10

Left: -5.153+/-0.085 χ^2/NDF: 3660.9/23

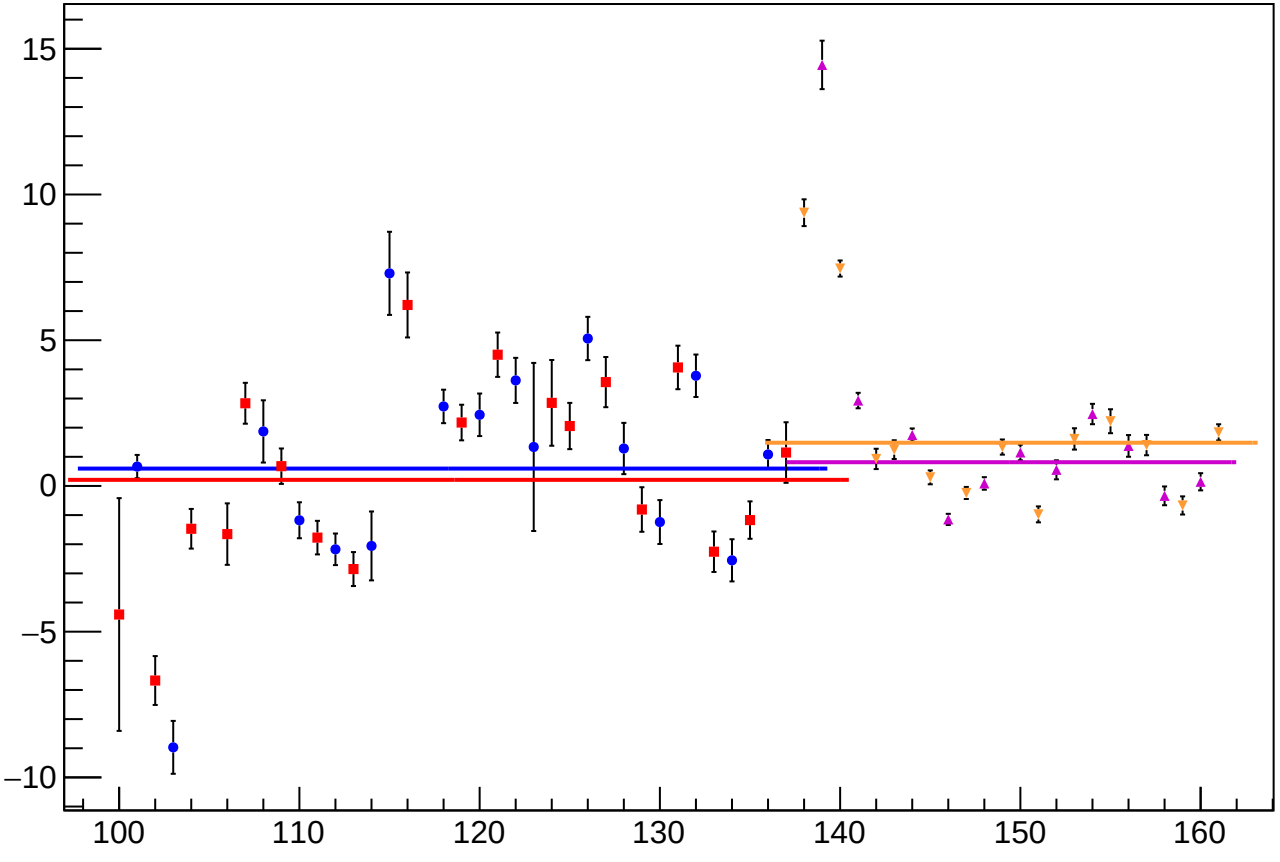
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.854+/-0.123 χ^2/NDF:974.7/10

Out: -6.381+/-0.119 χ^2/NDF:2467.6/12

All: -5.153+/-0.085 χ^2/NDF: 3660.9/23

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: 1.483+/-0.082 χ^2/NDF:994.0/12

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 0.814+/-0.083 χ^2/NDF:511.8/10

Left: 1.154+/-0.058 χ^2/NDF: 1538.6/23

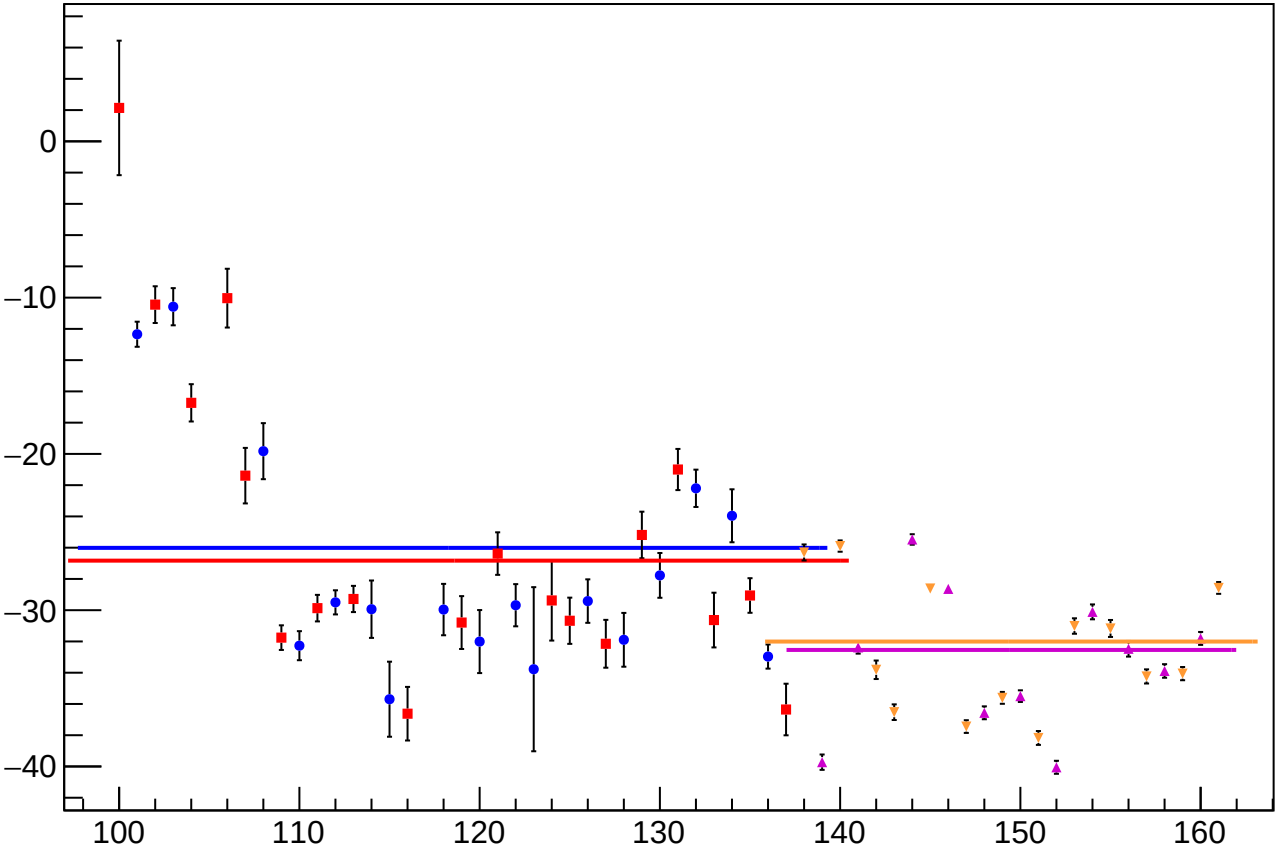
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 0.772+/-0.075 χ^2/NDF:804.3/27

Out: 1.254+/-0.074 χ^2/NDF:1311.1/31

All: 1.015+/-0.053 χ^2/NDF: 2136.4/59

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: -32.006+/-0.118 χ^2/NDF:1218.3/12

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -32.543+/-0.120 χ^2/NDF:1360.1/10

Left: -32.271+/-0.084 χ^2/NDF: 2588.5/23

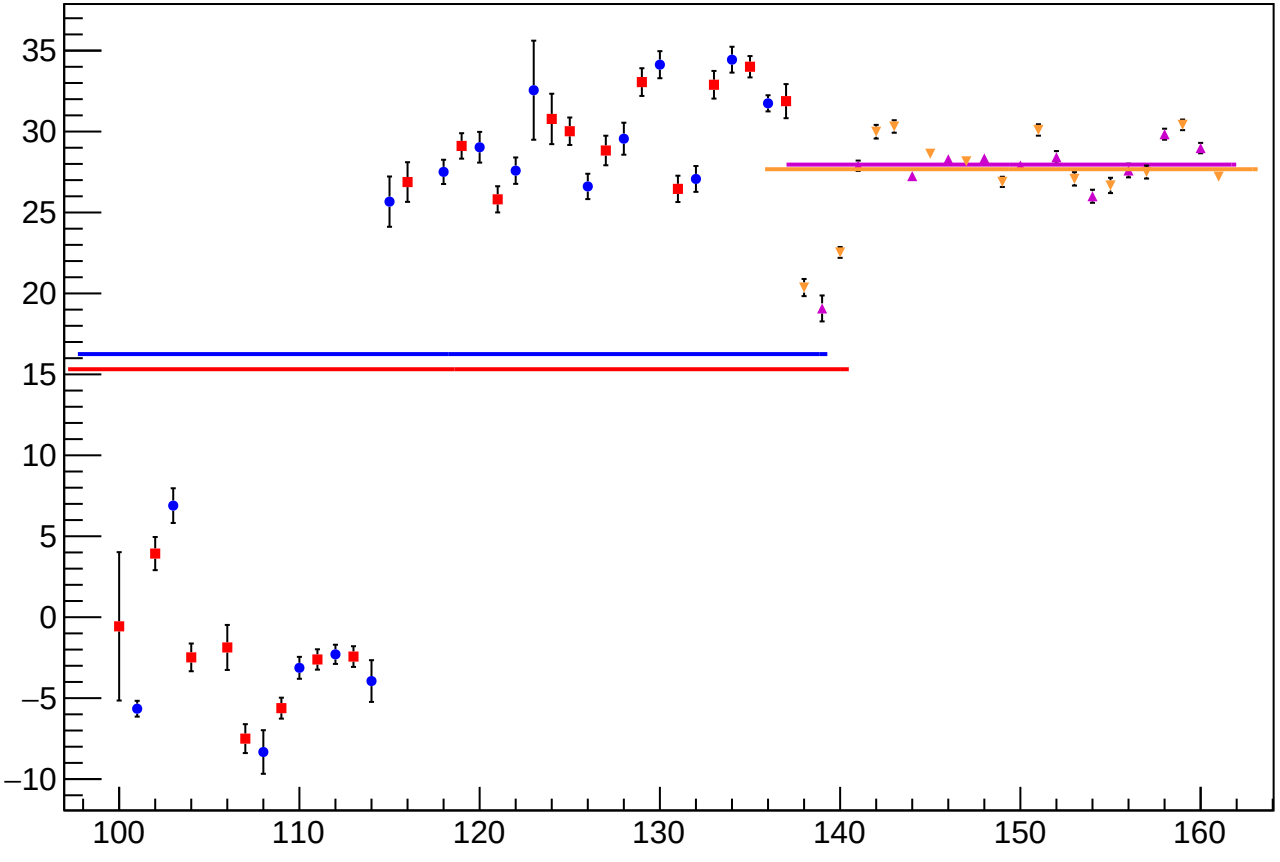
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -31.641+/-0.111 χ^2/NDF:2462.7/27

Out: -31.302+/-0.110 χ^2/NDF:2061.5/31

All: -31.469+/-0.078 χ^2/NDF: 4528.9/59

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: 27.673+/-0.097 χ^2/NDF:650.9/12

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 27.958+/-0.099 χ^2/NDF:199.9/10

Left: 27.813+/-0.070 χ^2/NDF: 854.9/23

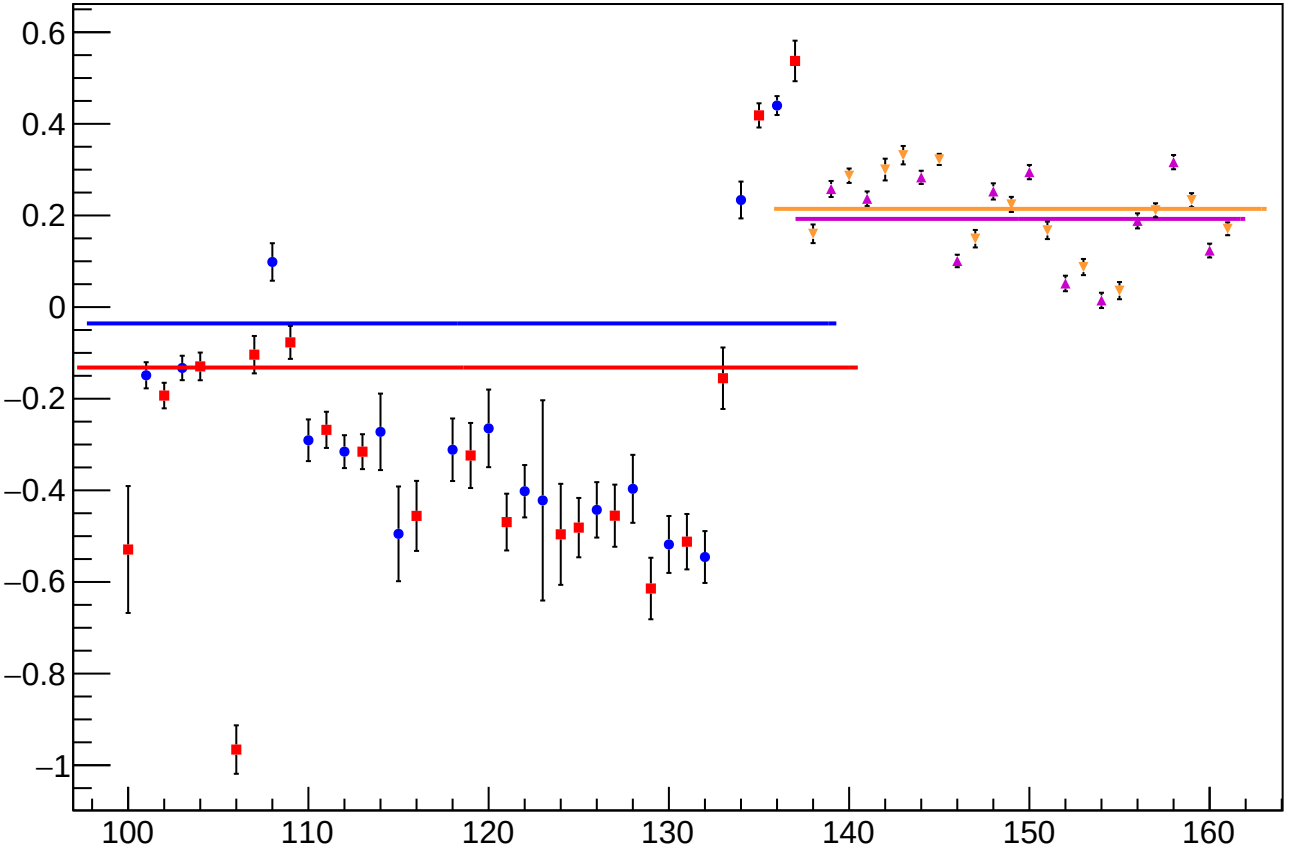
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 25.467+/-0.088 χ^2/NDF:10766.6/27

Out: 25.251+/-0.087 χ^2/NDF:11093.5/31

All: 25.358+/-0.062 χ^2/NDF: 21863.1/59

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: 0.214+/-0.005 χ^2/NDF:325.6/12

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.193+/-0.005 χ^2/NDF:426.5/10

Left: 0.204+/-0.003 χ^2/NDF: 763.0/23

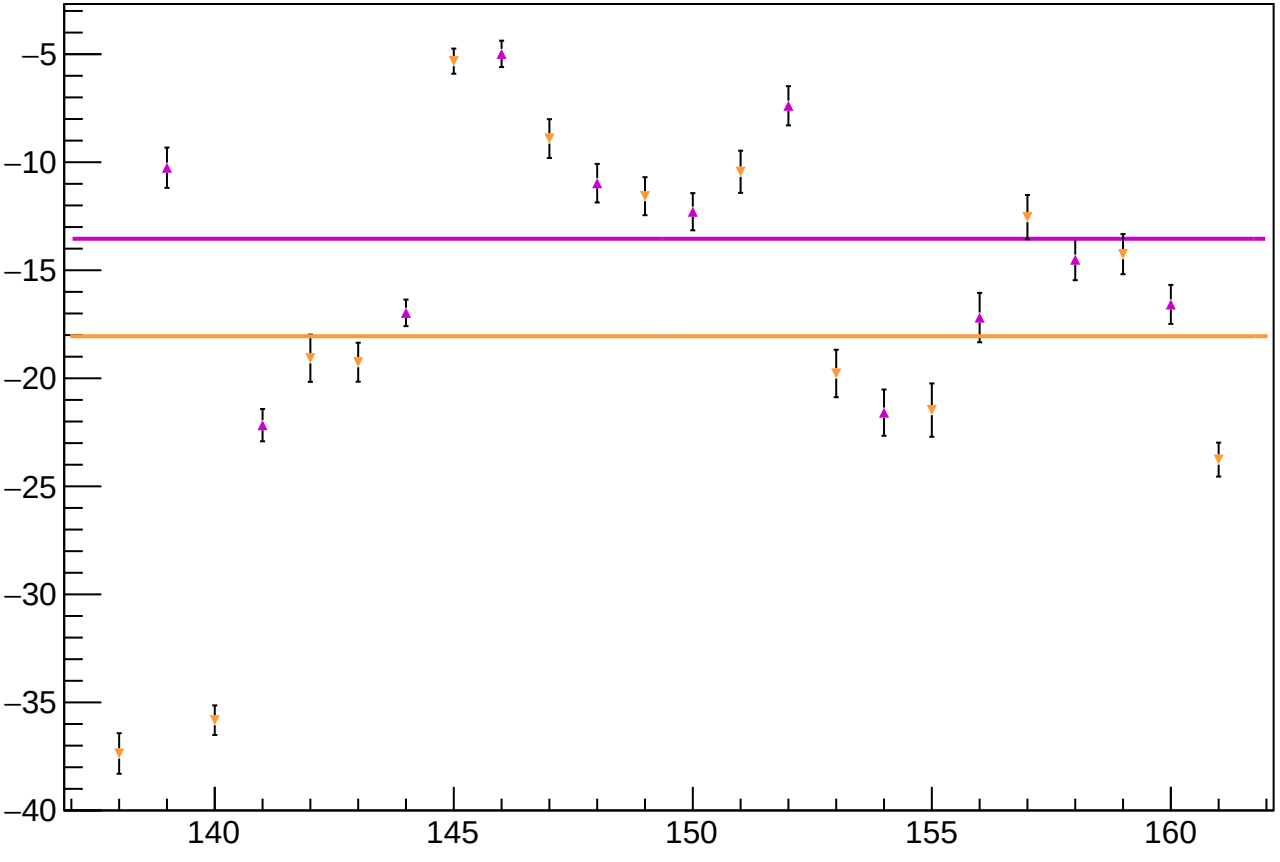
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.152+/-0.004 χ^2/NDF:1844.1/27

Out: 0.156+/-0.004 χ^2/NDF:2427.6/31

All: 0.154+/-0.003 χ^2/NDF: 4272.1/59

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: -18.053+/-0.242 χ^2/NDF:1905.6/12

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

Left In: -13.542+/-0.250 χ^2/NDF:508.5/10

Left: -15.867+/-0.174 χ^2/NDF: 2582.5/23

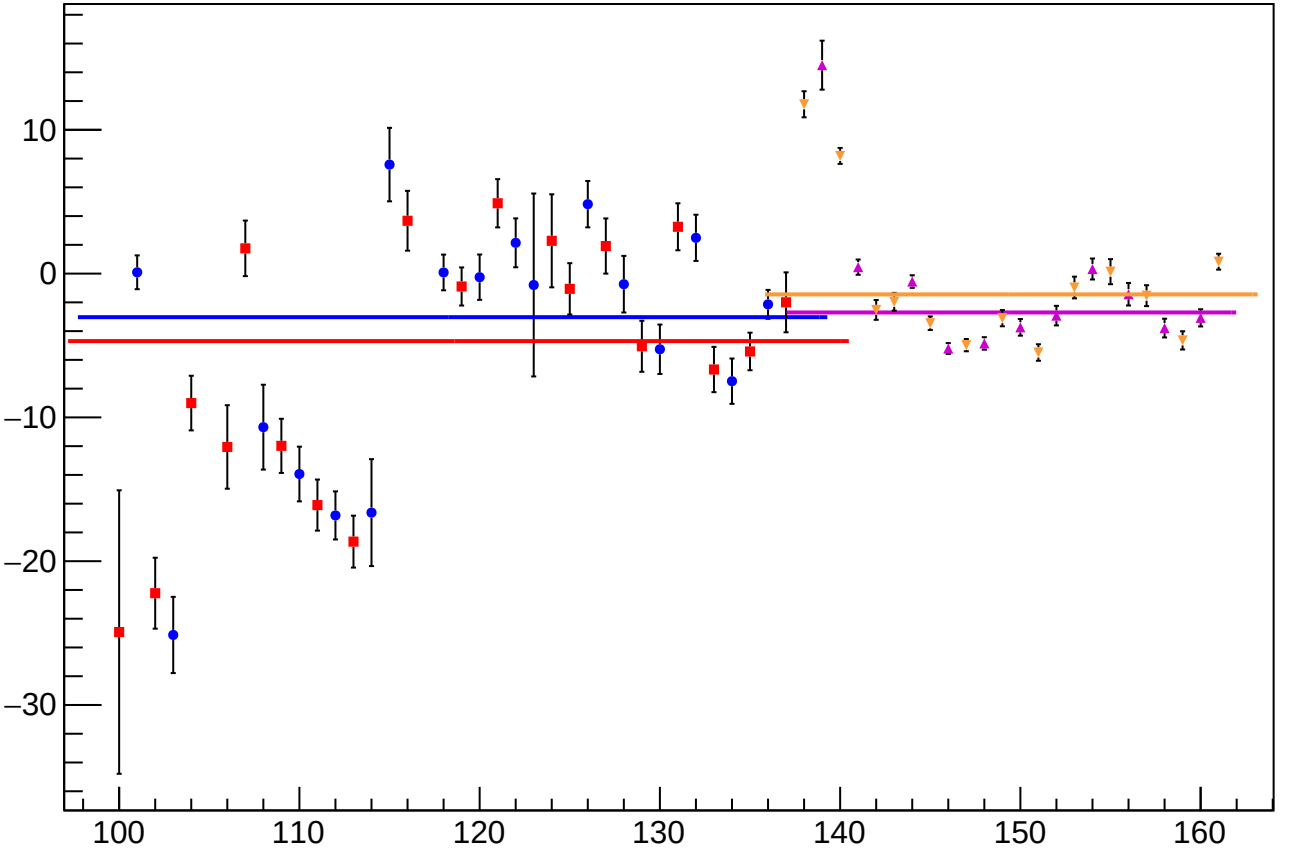
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.542+/-0.250 χ^2/NDF:508.5/10

Out: -18.053+/-0.242 χ^2/NDF:1905.6/12

All: -15.867+/-0.174 χ^2/NDF: 2582.5/23

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: -1.445+/-0.166 χ^2/NDF:707.8/12

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -2.702+/-0.168 χ^2/NDF:256.5/10

Left: -2.066+/-0.118 χ^2/NDF: 992.4/23

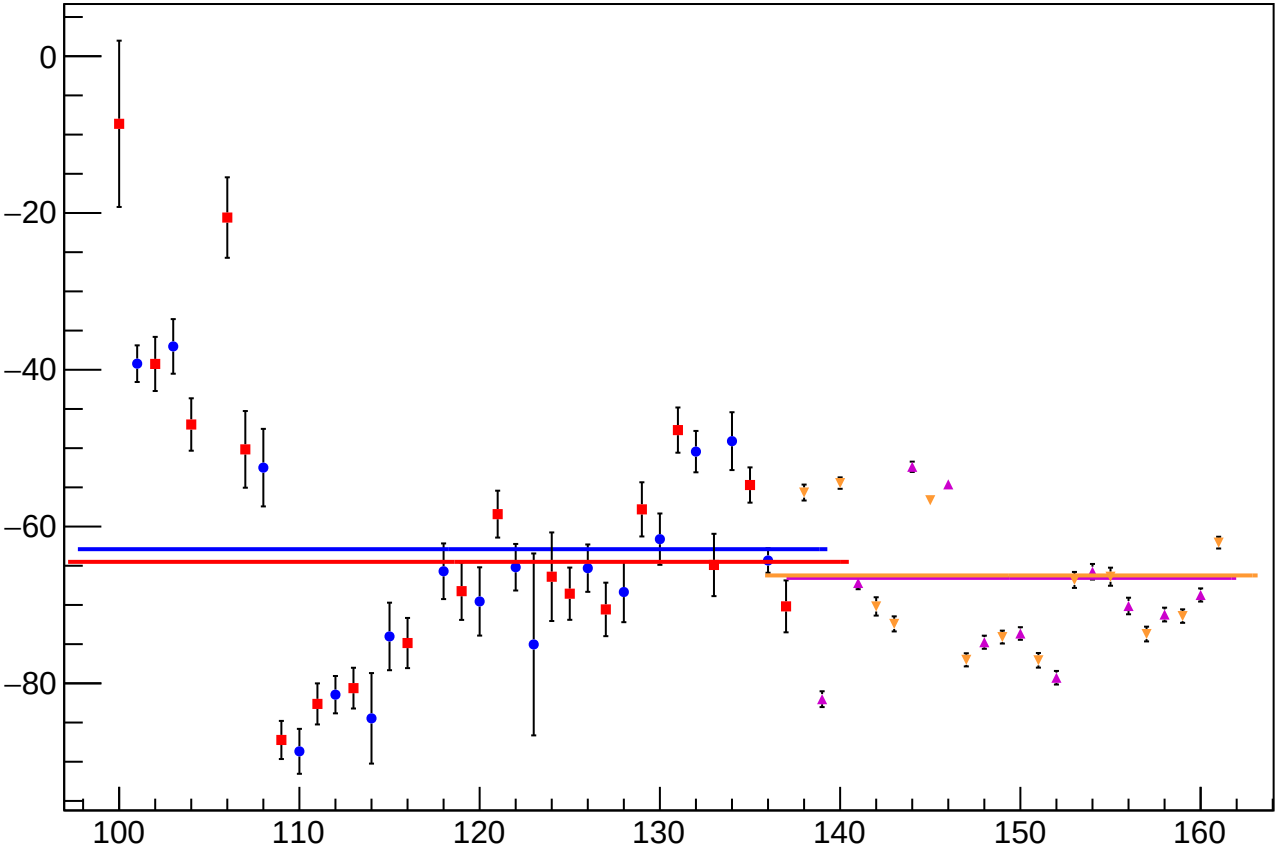
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -2.750+/-0.156 χ^2/NDF:537.8/27

Out: -1.874+/-0.155 χ^2/NDF:1056.4/31

All: -2.310+/-0.110 χ^2/NDF: 1610.1/59

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: -66.236+/-0.240 χ^2/NDF:1184.6/12

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -66.547+/-0.245 χ^2/NDF:1550.2/10

Left: -66.388+/-0.172 χ^2/NDF: 2735.6/23

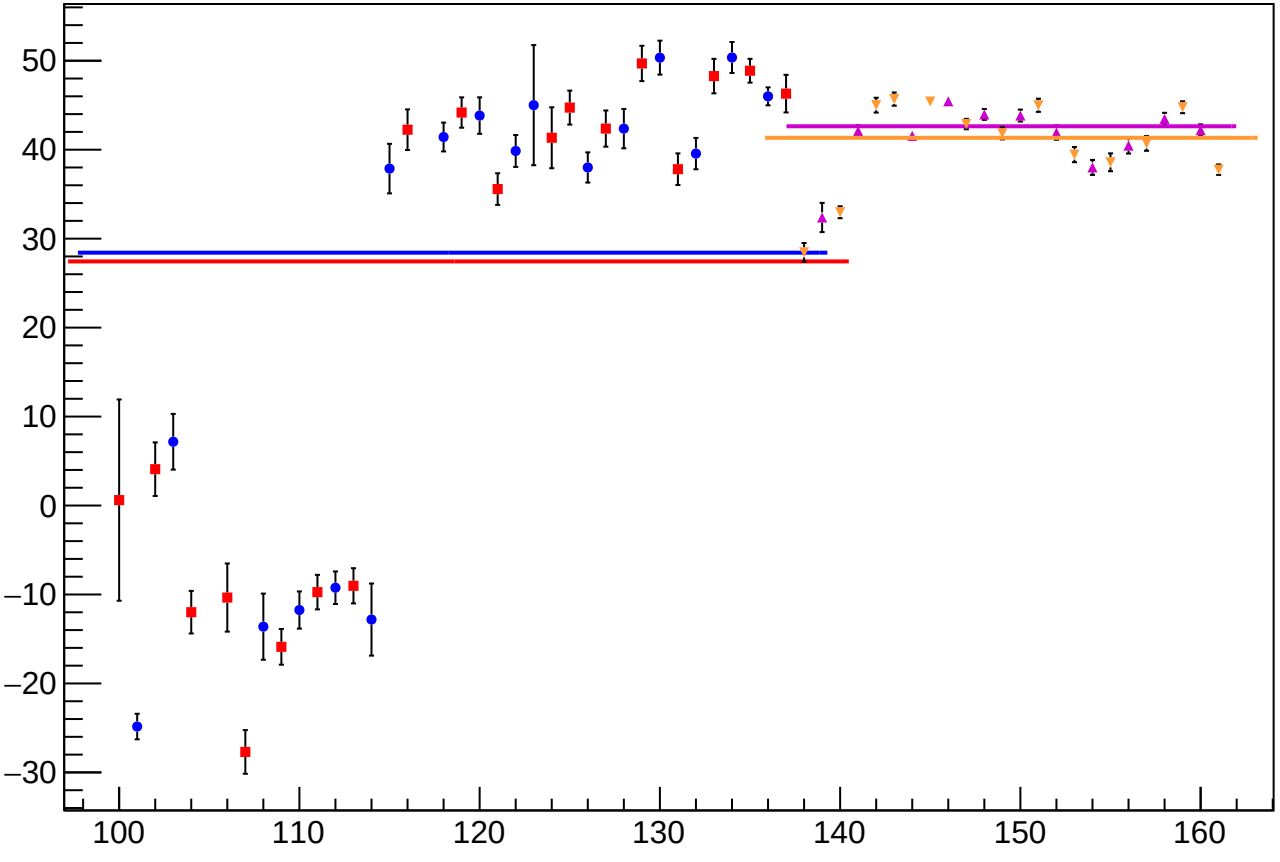
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -66.184+/-0.232 χ^2/NDF:1941.1/27

Out: -66.075+/-0.229 χ^2/NDF:1633.6/31

All: -66.128+/-0.163 χ^2/NDF: 3574.7/59

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: 41.336+/-0.198 χ^2/NDF:523.7/12

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 42.631+/-0.202 χ^2/NDF:125.4/10

Left: 41.971+/-0.141 χ^2/NDF: 670.1/23

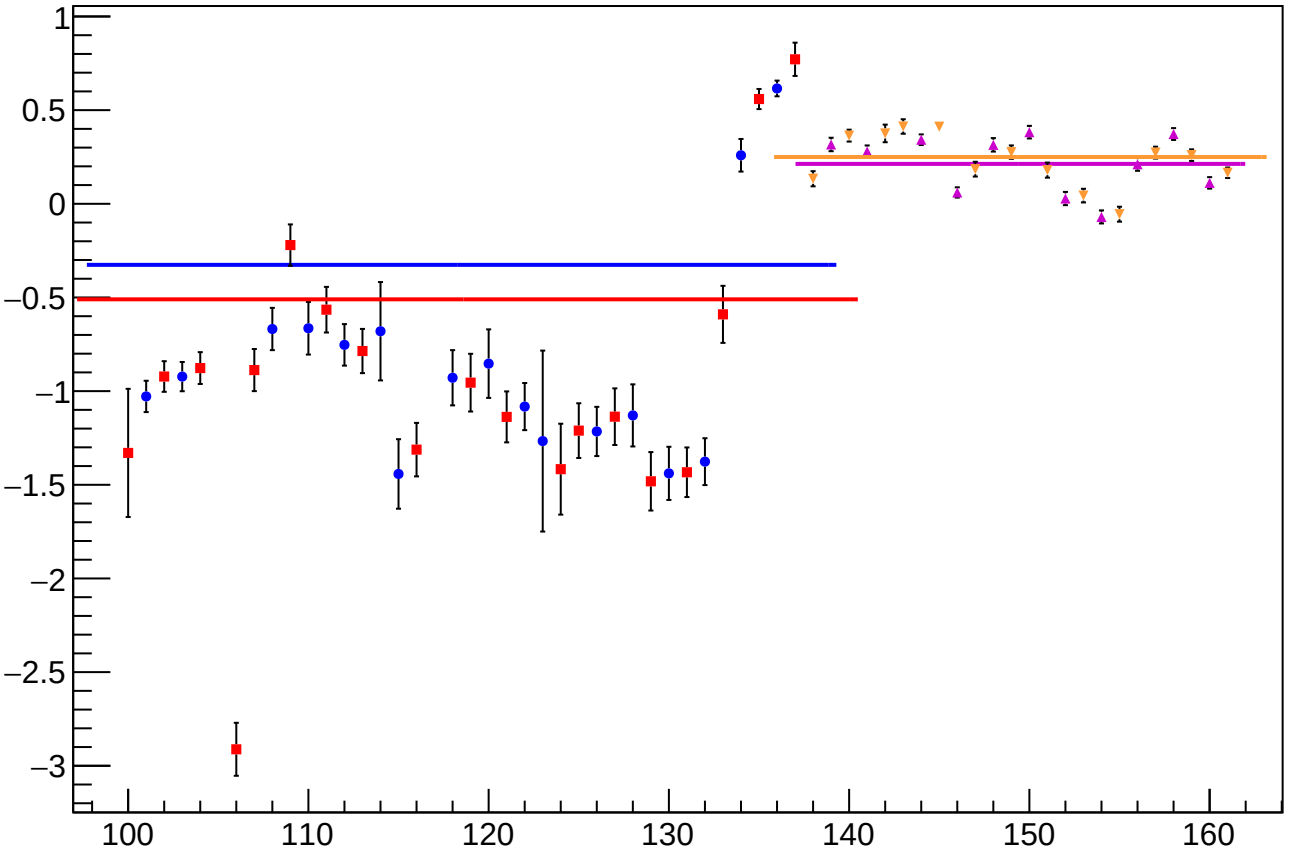
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 40.313+/-0.185 χ^2/NDF:4264.1/27

Out: 39.307+/-0.183 χ^2/NDF:4276.3/31

All: 39.805+/-0.130 χ^2/NDF: 8555.4/59

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: 0.250+/-0.009 χ^2/NDF:197.2/12

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.213+/-0.010 χ^2/NDF:226.9/10

Left: 0.232+/-0.007 χ^2/NDF: 431.5/23

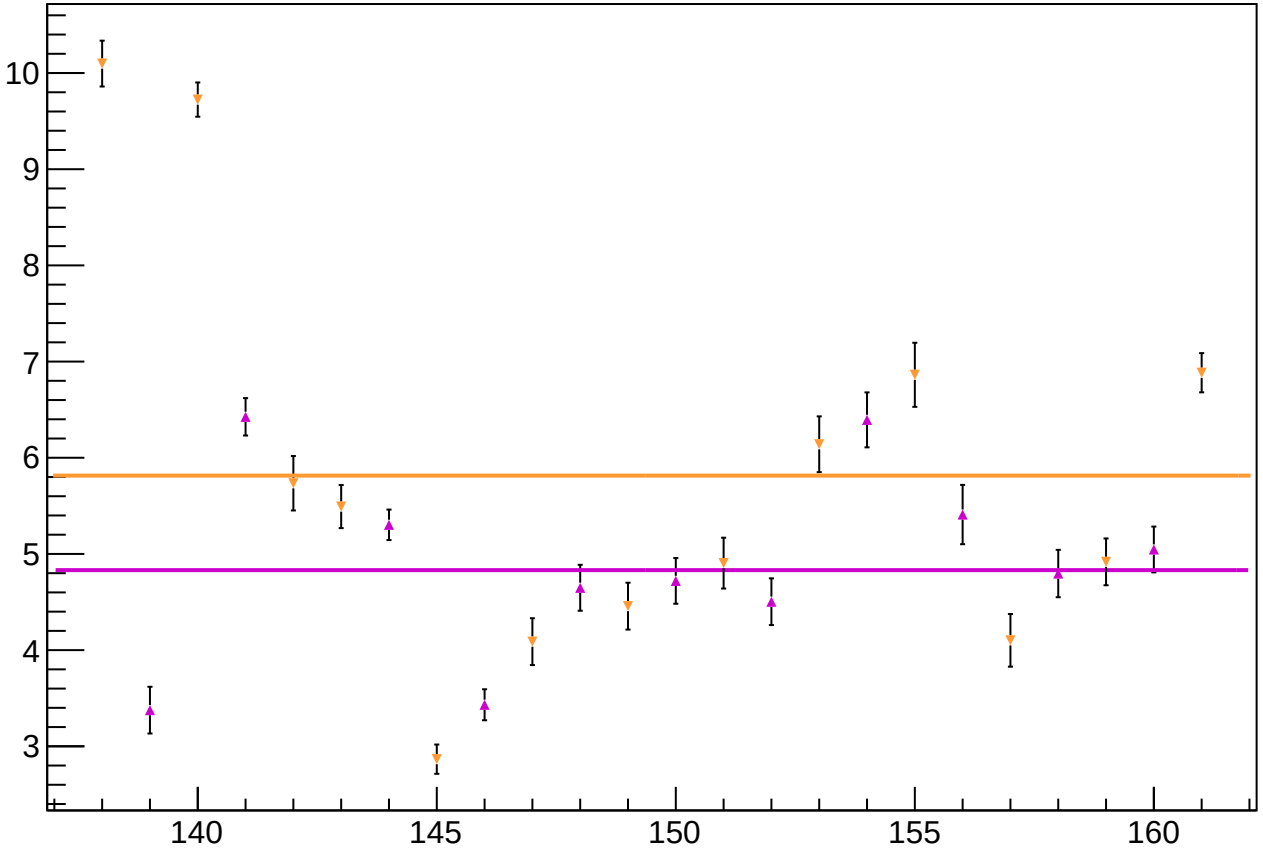
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.141+/-0.009 χ^2/NDF:1645.9/27

Out: 0.159+/-0.009 χ^2/NDF:2136.0/31

All: 0.150+/-0.006 χ^2/NDF: 3783.9/59

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: 5.815+/-0.063 χ^2/NDF:1367.5/12

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

Left In: 4.832+/-0.066 χ^2/NDF:224.4/10

Left: 5.341+/-0.046 χ^2/NDF: 1707.4/23

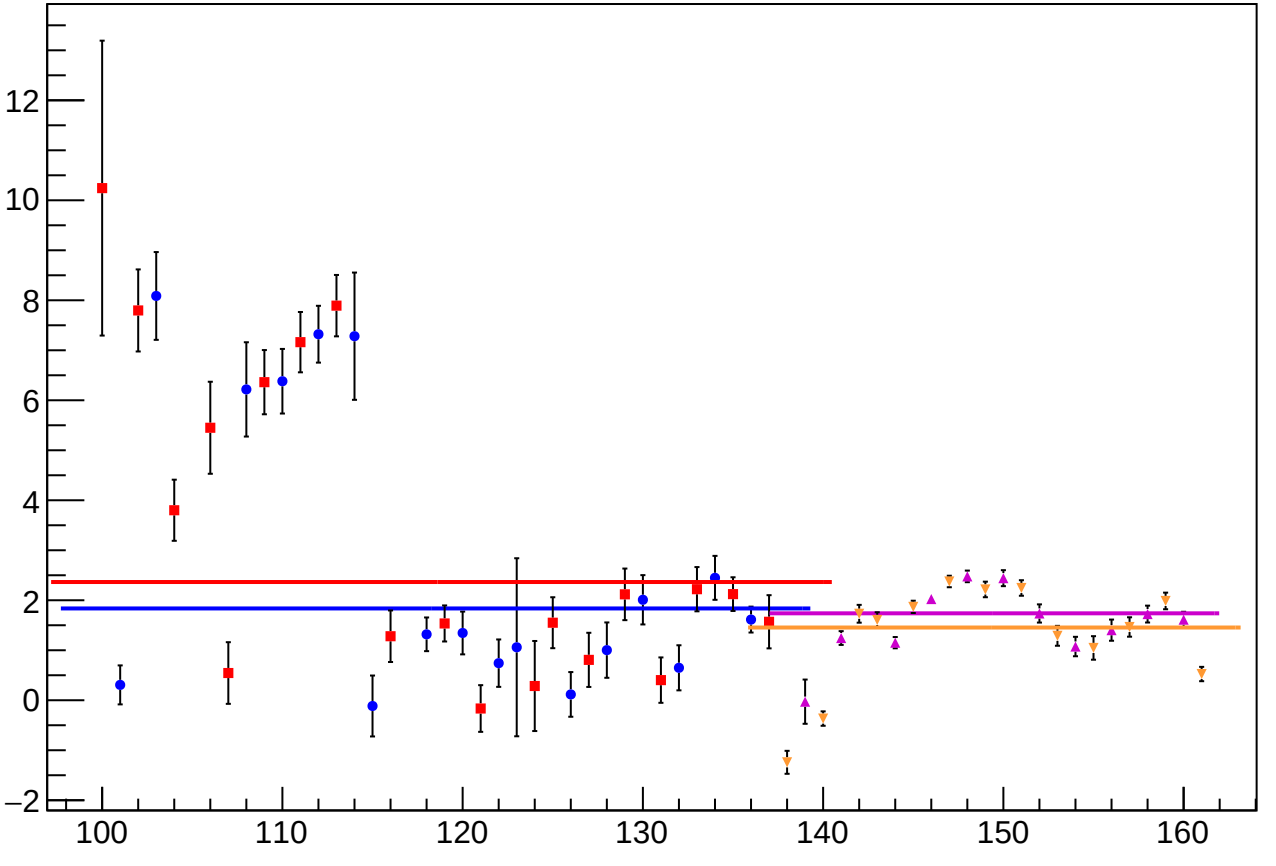
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.832+/-0.066 χ^2/NDF:224.4/10

Out: 5.815+/-0.063 χ^2/NDF:1367.5/12

All: 5.341+/-0.046 χ^2/NDF: 1707.4/23

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: 1.455+/-0.044 χ^2/NDF:481.6/12

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.739+/-0.044 χ^2/NDF:139.1/10

Left: 1.595+/-0.031 χ^2/NDF: 641.5/23

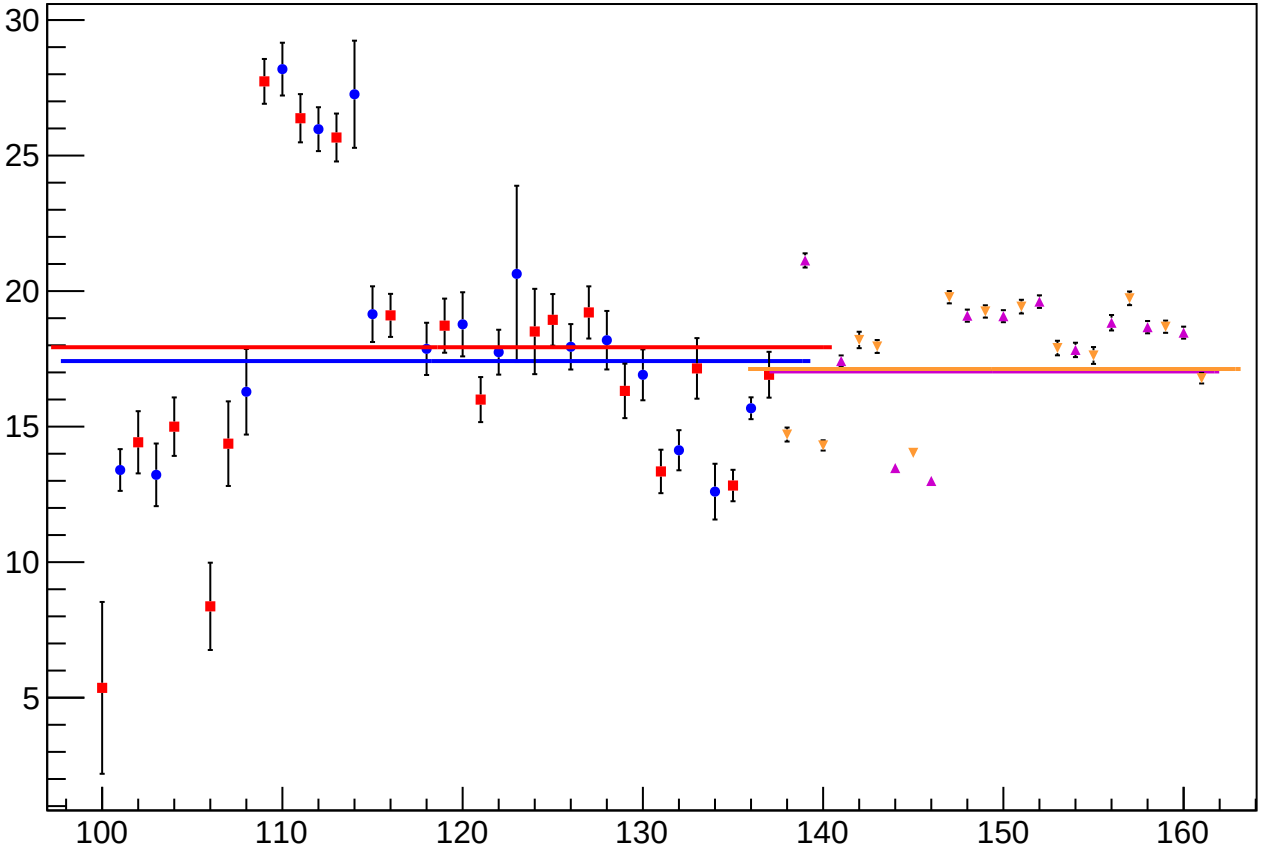
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.751+/-0.041 χ^2/NDF:434.6/27

Out: 1.558+/-0.041 χ^2/NDF:866.9/31

All: 1.654+/-0.029 χ^2/NDF: 1312.4/59

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: 17.126+/-0.063 χ^2/NDF:1173.5/12

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 17.035+/-0.065 χ^2/NDF:1803.9/10

Left: 17.081+/-0.045 χ^2/NDF: 2978.4/23

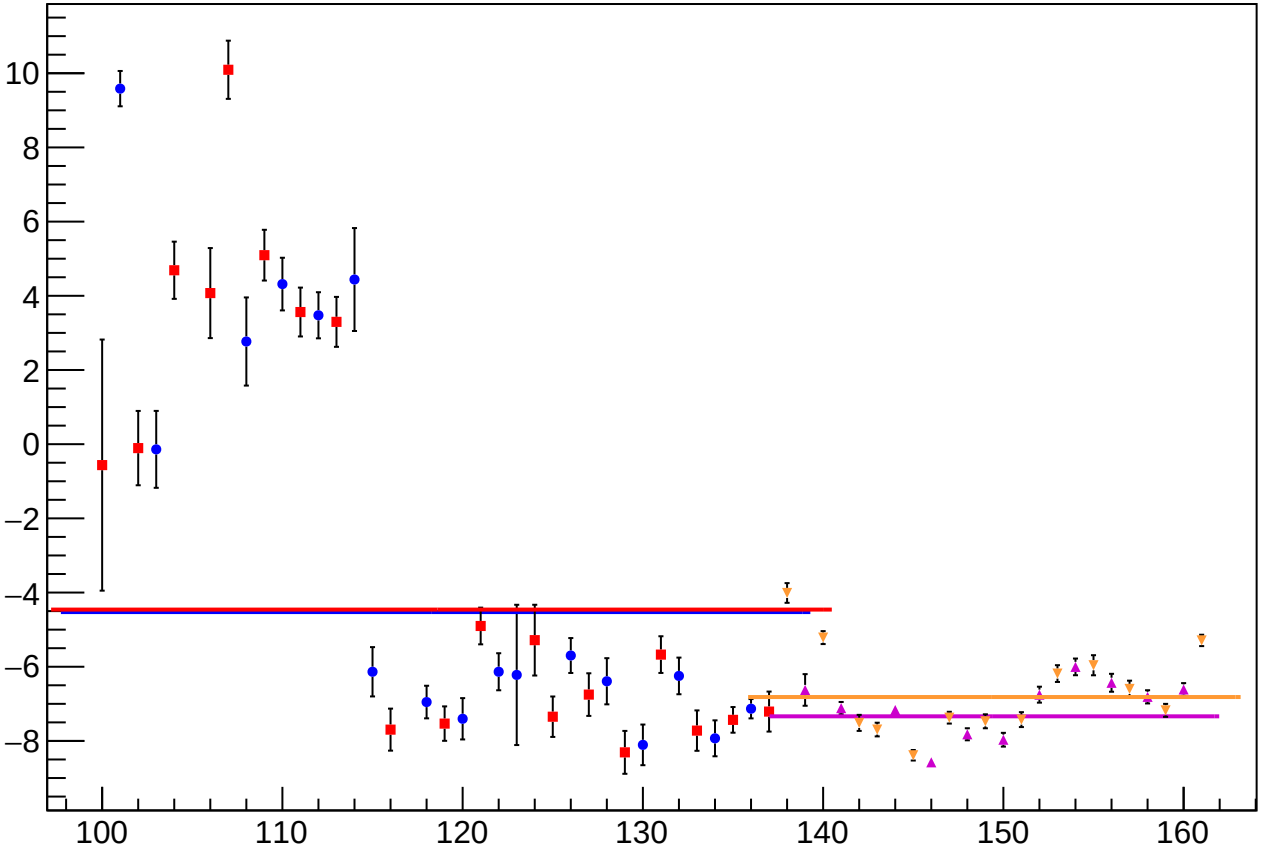
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 17.068+/-0.062 χ^2/NDF:2173.7/27

Out: 17.188+/-0.061 χ^2/NDF:1692.3/31

All: 17.129+/-0.043 χ^2/NDF: 3867.9/59

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: -6.817+/-0.052 χ^2/NDF:506.8/12

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -7.337+/-0.053 χ^2/NDF:209.3/10

Left: -7.071+/-0.037 χ^2/NDF: 764.9/23

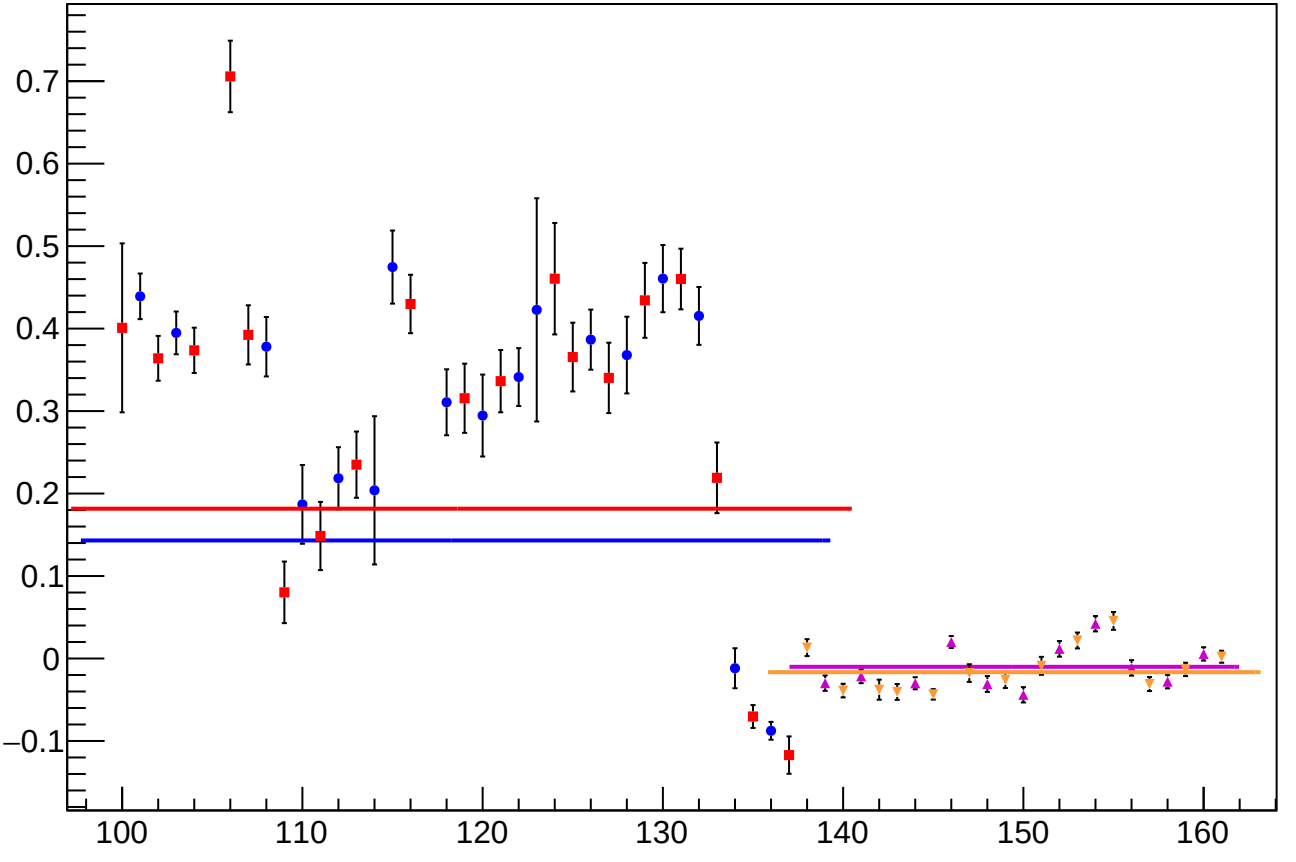
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.931+/-0.049 χ^2/NDF:2202.5/27

Out: -6.519+/-0.049 χ^2/NDF:2104.5/31

All: -6.723+/-0.035 χ^2/NDF: 4342.5/59

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: -0.017+/-0.002 χ^2/NDF:103.2/12

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.010+/-0.003 χ^2/NDF:94.5/10

Left: -0.013+/-0.002 χ^2/NDF: 201.0/23

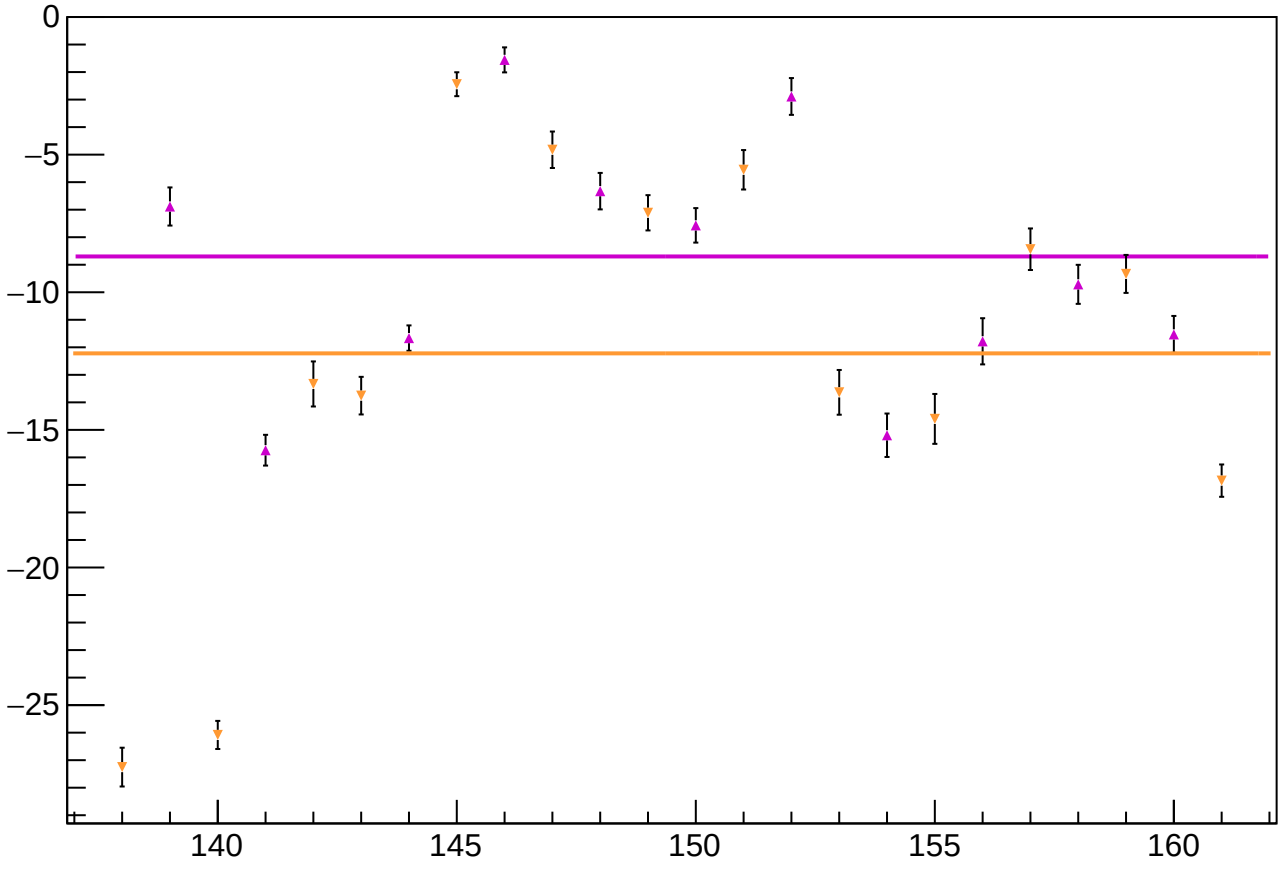
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.008+/-0.002 χ^2/NDF:1571.3/27

Out: 0.004+/-0.002 χ^2/NDF:1757.7/31

All: 0.006+/-0.002 χ^2/NDF: 3330.6/59

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: -12.220+/-0.180 χ^2/NDF:2095.9/12

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

Left In: -8.699+/-0.185 χ^2/NDF:646.9/10

Left: -10.512+/-0.129 χ^2/NDF: 2928.8/23

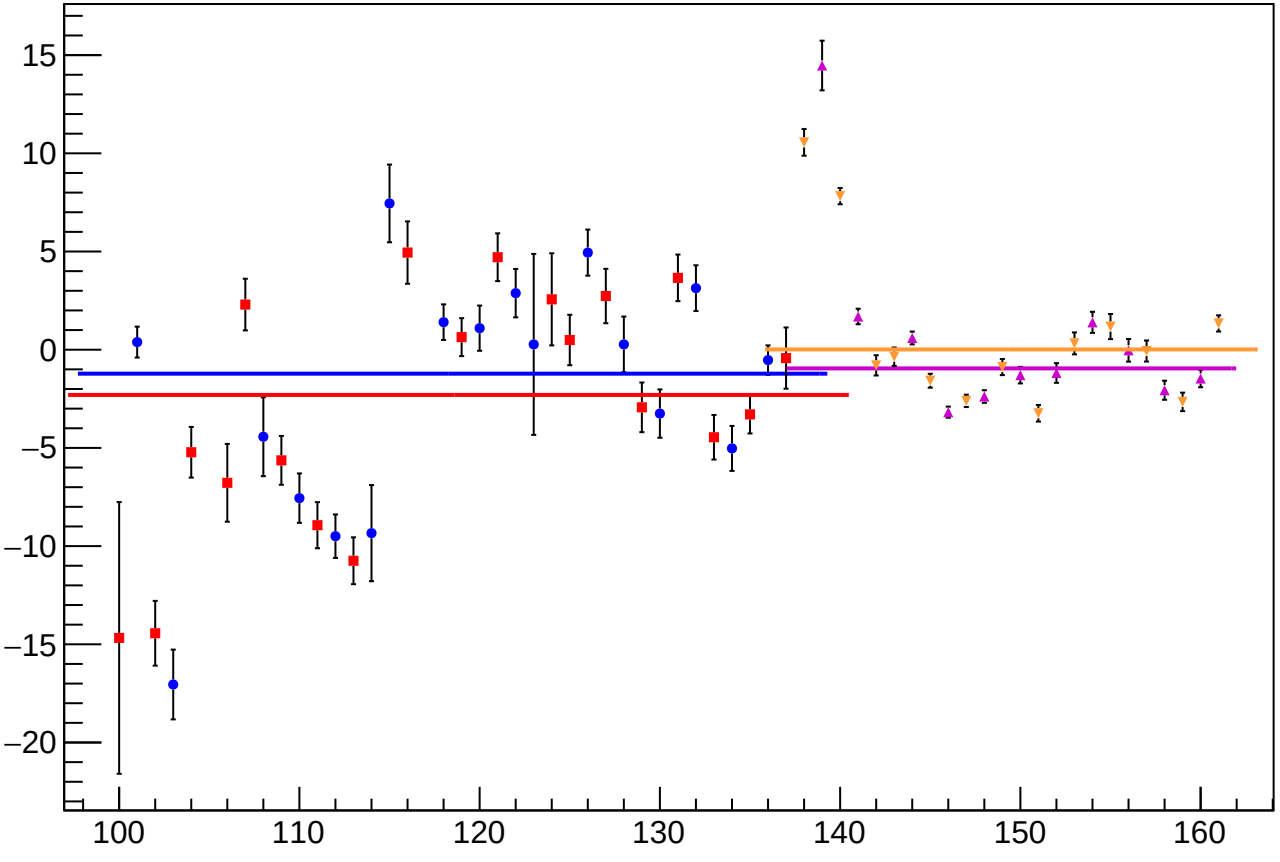
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.699+/-0.185 χ^2/NDF:646.9/10

Out: -12.220+/-0.180 χ^2/NDF:2095.9/12

All: -10.512+/-0.129 χ^2/NDF: 2928.8/23

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: 0.014+/-0.124 χ^2/NDF:798.0/12

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: -0.952+/-0.125 χ^2/NDF:326.4/10

Left: -0.462+/-0.088 χ^2/NDF: 1154.5/23

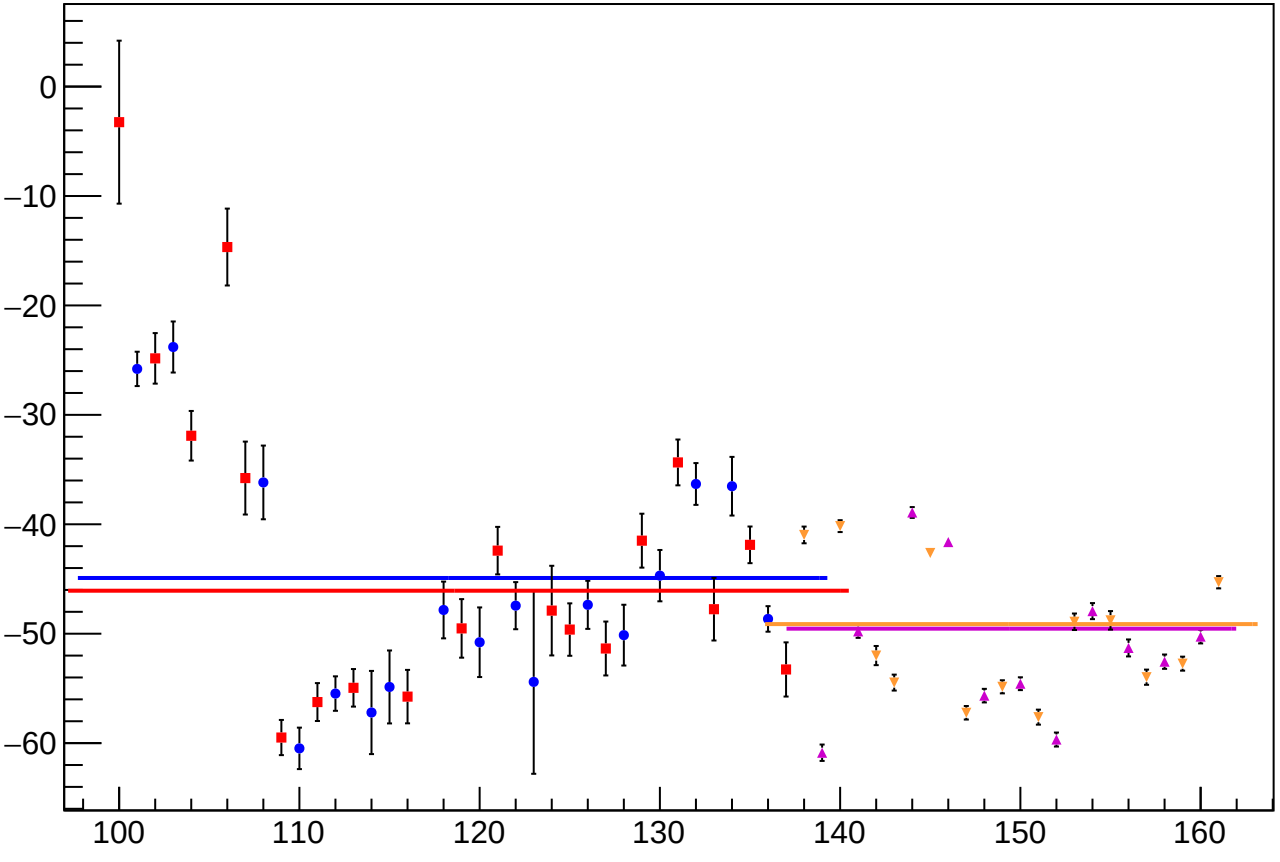
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: -0.994+/-0.115 χ^2/NDF:605.7/27

Out: -0.318+/-0.114 χ^2/NDF:1134.5/31

All: -0.654+/-0.081 χ^2/NDF: 1757.6/59

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: -49.122+/-0.179 χ^2/NDF:1193.1/12

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -49.540+/-0.182 χ^2/NDF:1474.6/10

Left: -49.328+/-0.127 χ^2/NDF: 2670.3/23

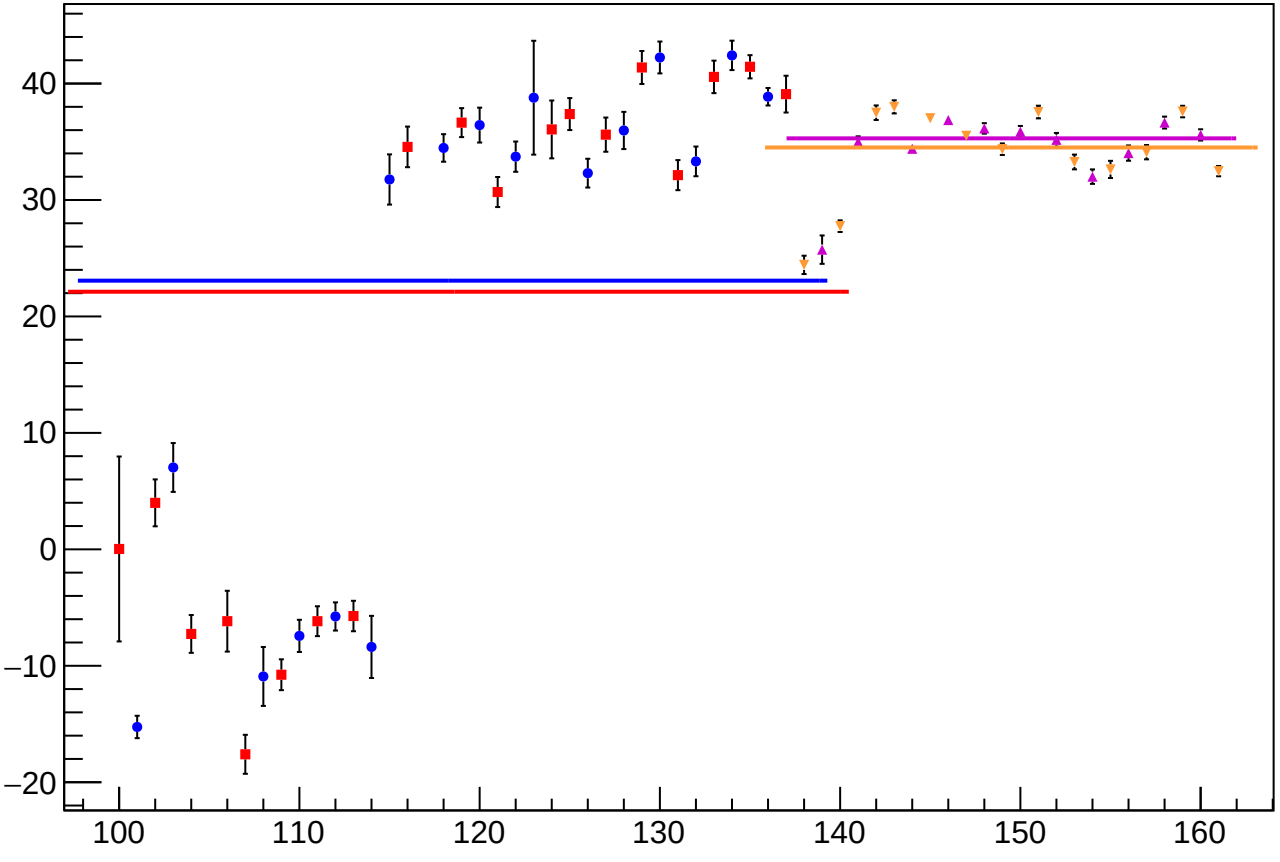
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -49.041+/-0.172 χ^2/NDF:1965.9/27

Out: -48.809+/-0.169 χ^2/NDF:1677.0/31

All: -48.923+/-0.120 χ^2/NDF: 3643.8/59

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 34.509+/-0.147 χ^2/NDF:552.6/12

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 35.293+/-0.150 χ^2/NDF:130.7/10

Left: 34.893+/-0.105 χ^2/NDF: 697.2/23

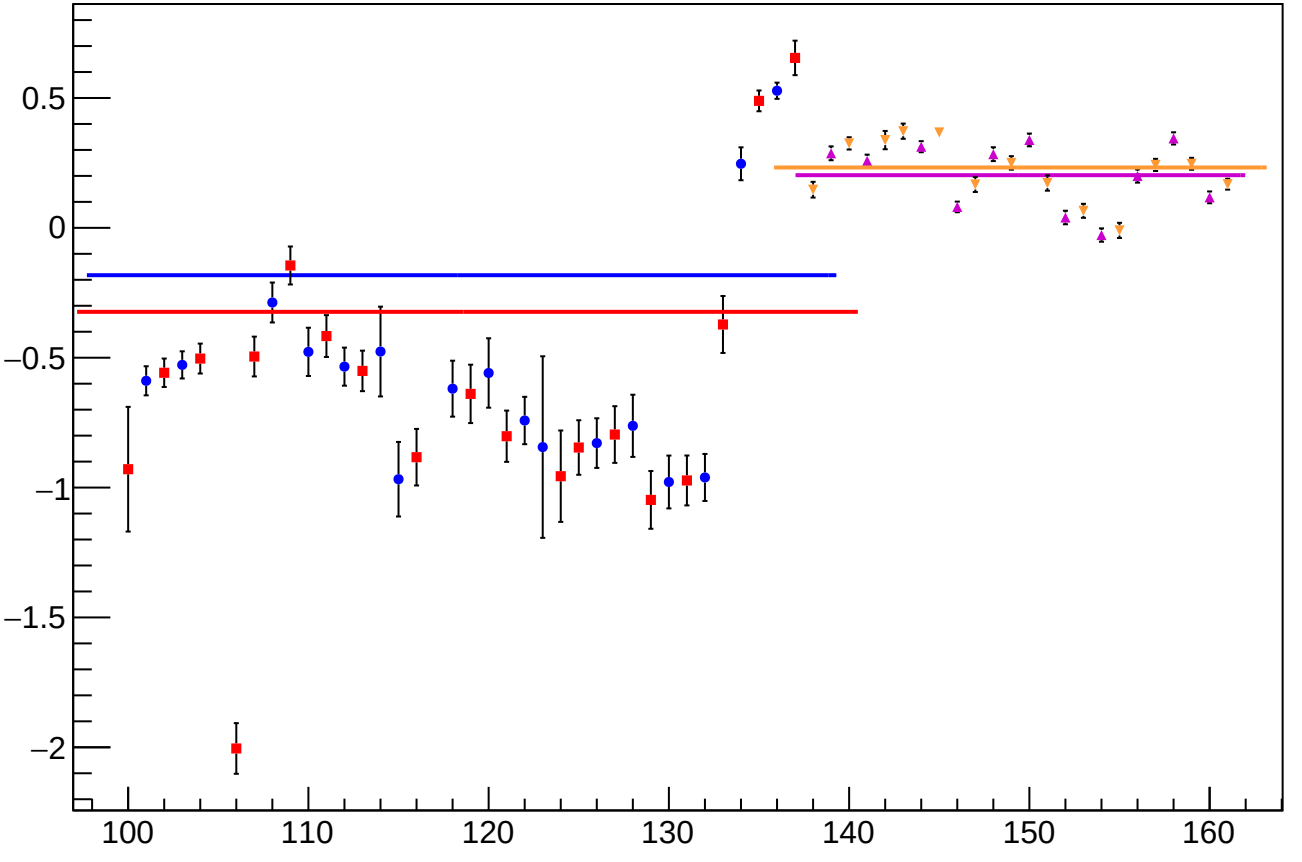
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 33.159+/-0.136 χ^2/NDF:5636.4/27

Out: 32.557+/-0.135 χ^2/NDF:5706.0/31

All: 32.856+/-0.096 χ^2/NDF: 11352.3/59

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: 0.232+/-0.007 χ^2/NDF:237.2/12

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.203+/-0.007 χ^2/NDF:287.0/10

Left: 0.218+/-0.005 χ^2/NDF: 532.8/23

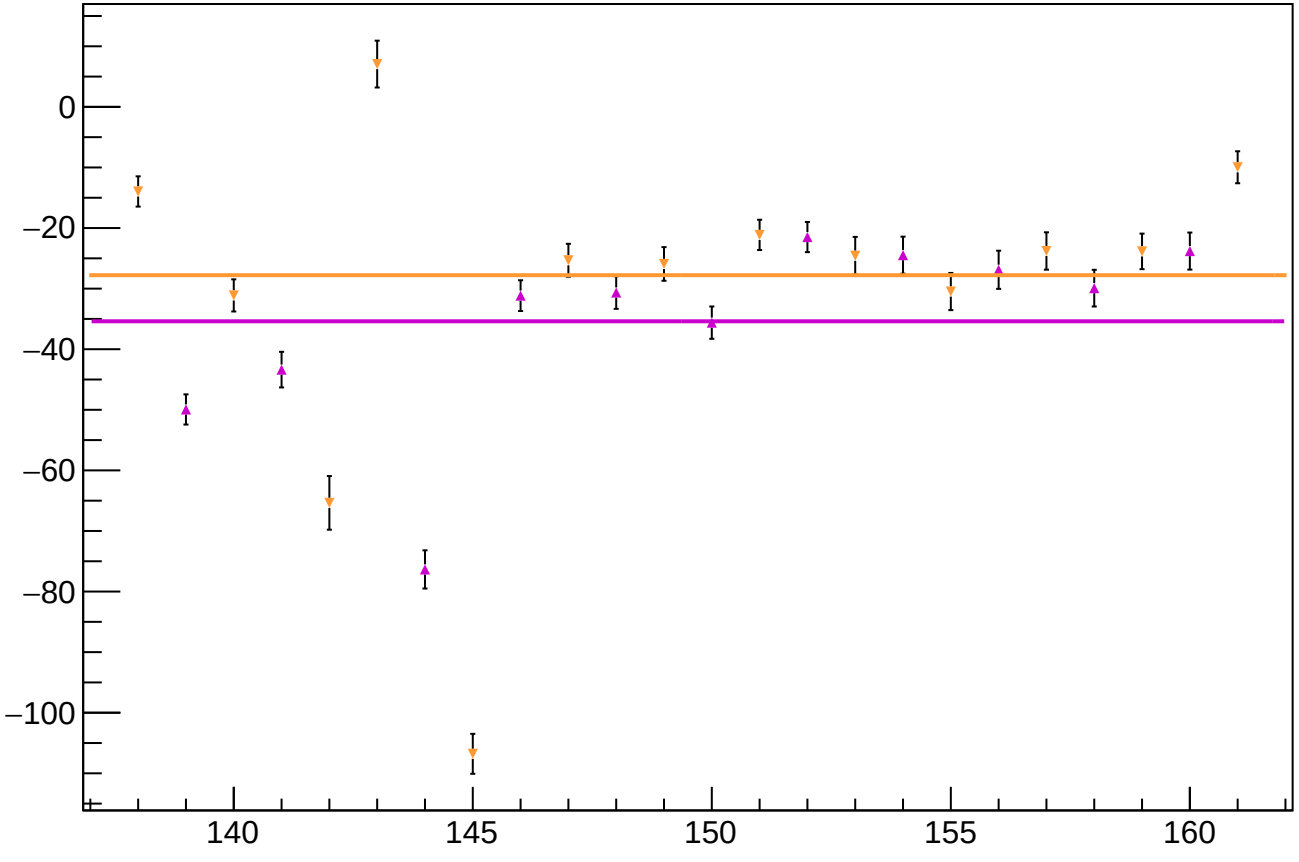
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.148+/-0.007 χ^2/NDF:1689.5/27

Out: 0.160+/-0.007 χ^2/NDF:2236.1/31

All: 0.154+/-0.005 χ^2/NDF: 3927.3/59

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -27.781+/-0.813 χ^2/NDF:819.1/12

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

Left In: -35.391+/-0.846 χ^2/NDF:285.0/10

Left: -31.435+/-0.586 χ^2/NDF: 1146.1/23

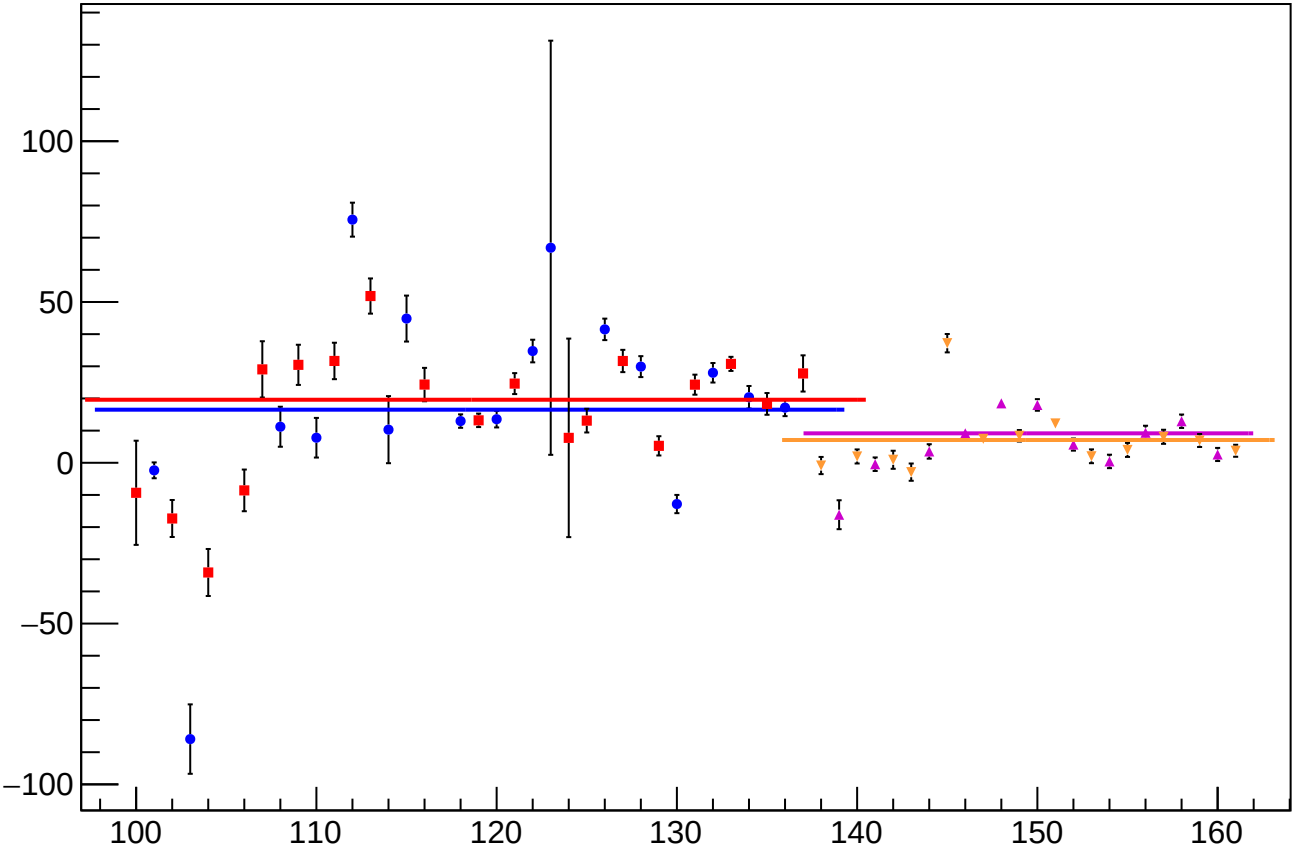
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -35.391+/-0.846 χ^2/NDF:285.0/10

Out: -27.781+/-0.813 χ^2/NDF:819.1/12

All: -31.435+/-0.586 χ^2/NDF: 1146.1/23

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 7.087+/-0.549 χ^2/NDF:168.7/12

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 9.156+/-0.576 χ^2/NDF:168.0/10

Left: 8.072+/-0.398 χ^2/NDF: 343.5/23

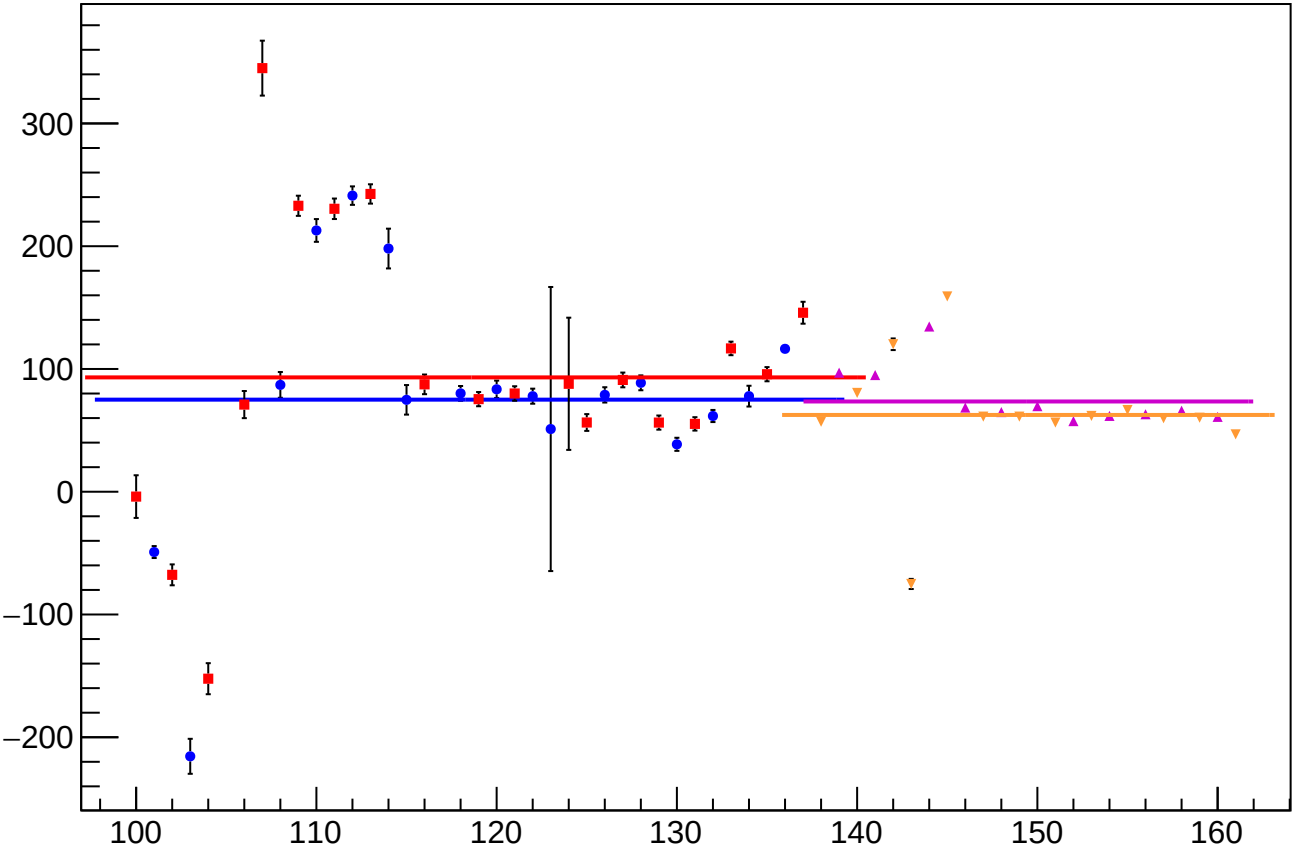
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 11.482+/-0.477 χ^2/NDF:739.2/27

Out: 10.492+/-0.469 χ^2/NDF:552.0/31

All: 10.979+/-0.334 χ^2/NDF: 1293.4/59

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 62.548+/-0.794 χ^2/NDF:2151.0/12

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 73.516+/-0.821 χ^2/NDF:570.7/10

Left: 67.850+/-0.571 χ^2/NDF: 2813.9/23

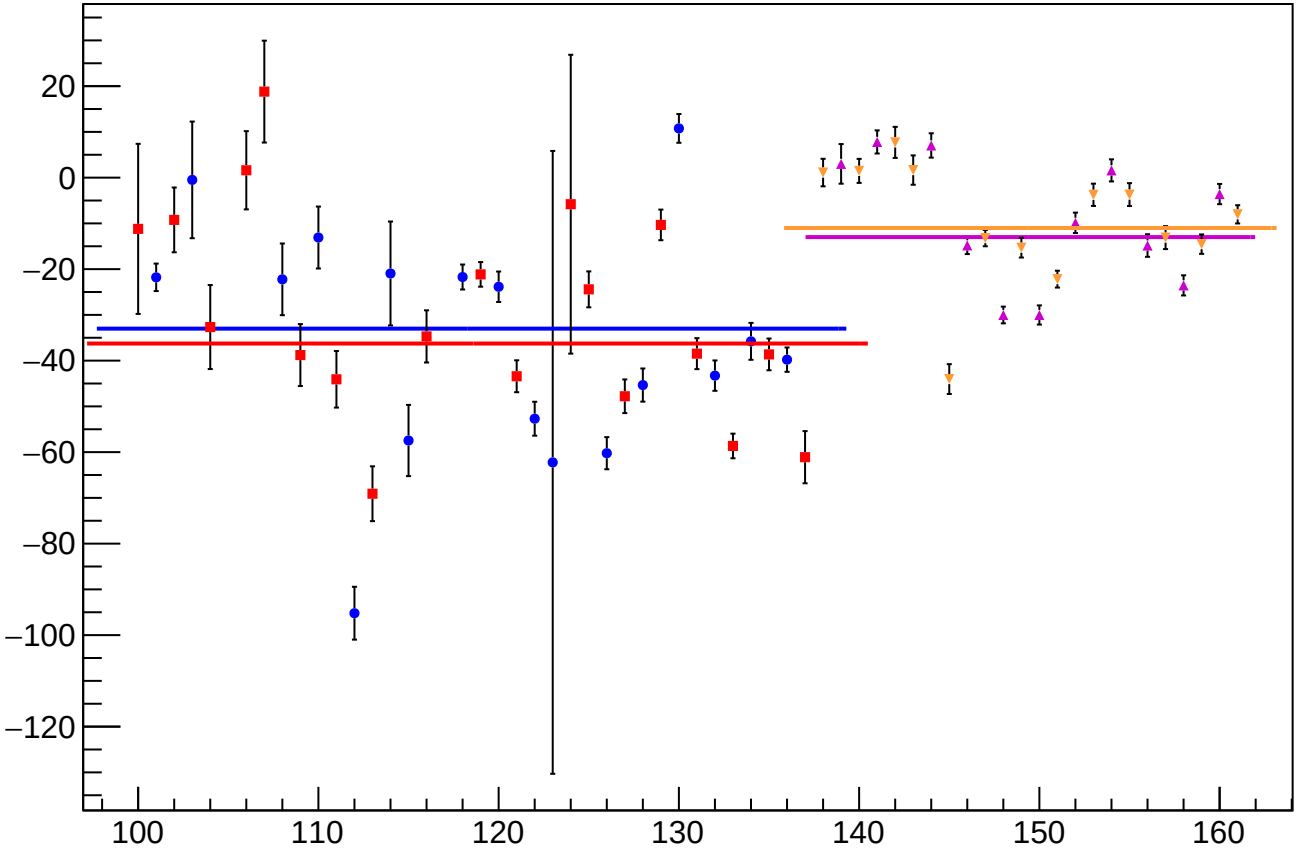
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 73.816+/-0.734 χ^2/NDF:2570.7/27

Out: 67.969+/-0.720 χ^2/NDF:4416.3/31

All: 70.839+/-0.514 χ^2/NDF: 7019.4/59

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -11.001+/-0.657 χ^2/NDF:252.8/12

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -12.993+/-0.690 χ^2/NDF:371.8/10

Left: -11.948+/-0.475 χ^2/NDF: 628.9/23

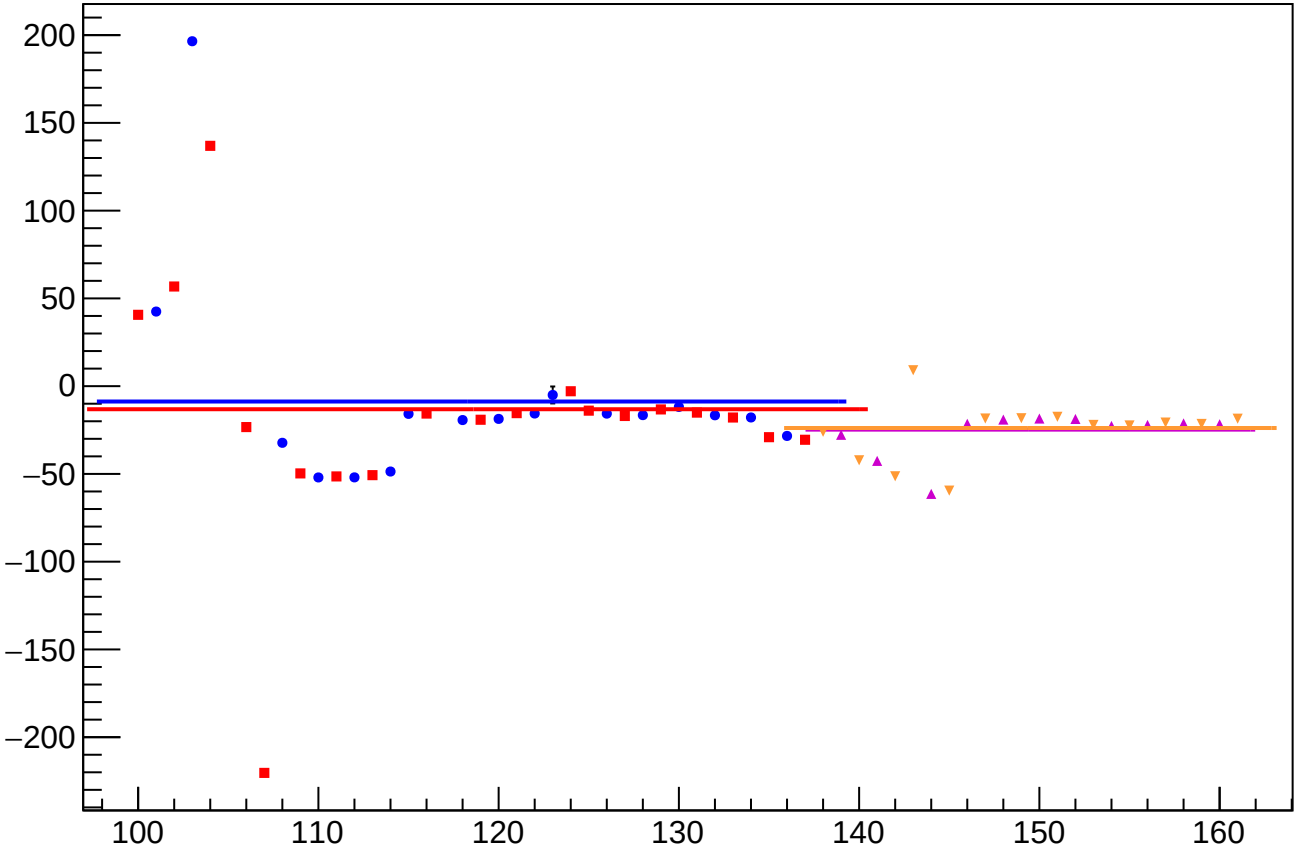
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -19.695+/-0.562 χ^2/NDF:1146.9/27

Out: -18.347+/-0.553 χ^2/NDF:980.2/31

All: -19.010+/-0.394 χ^2/NDF: 2130.1/59

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -23.844+/-0.031 χ^2/NDF:166722.7/12

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -24.771+/-0.032 χ^2/NDF:96936.6/10

Left: -24.294+/-0.022 χ^2/NDF: 264094.6/23

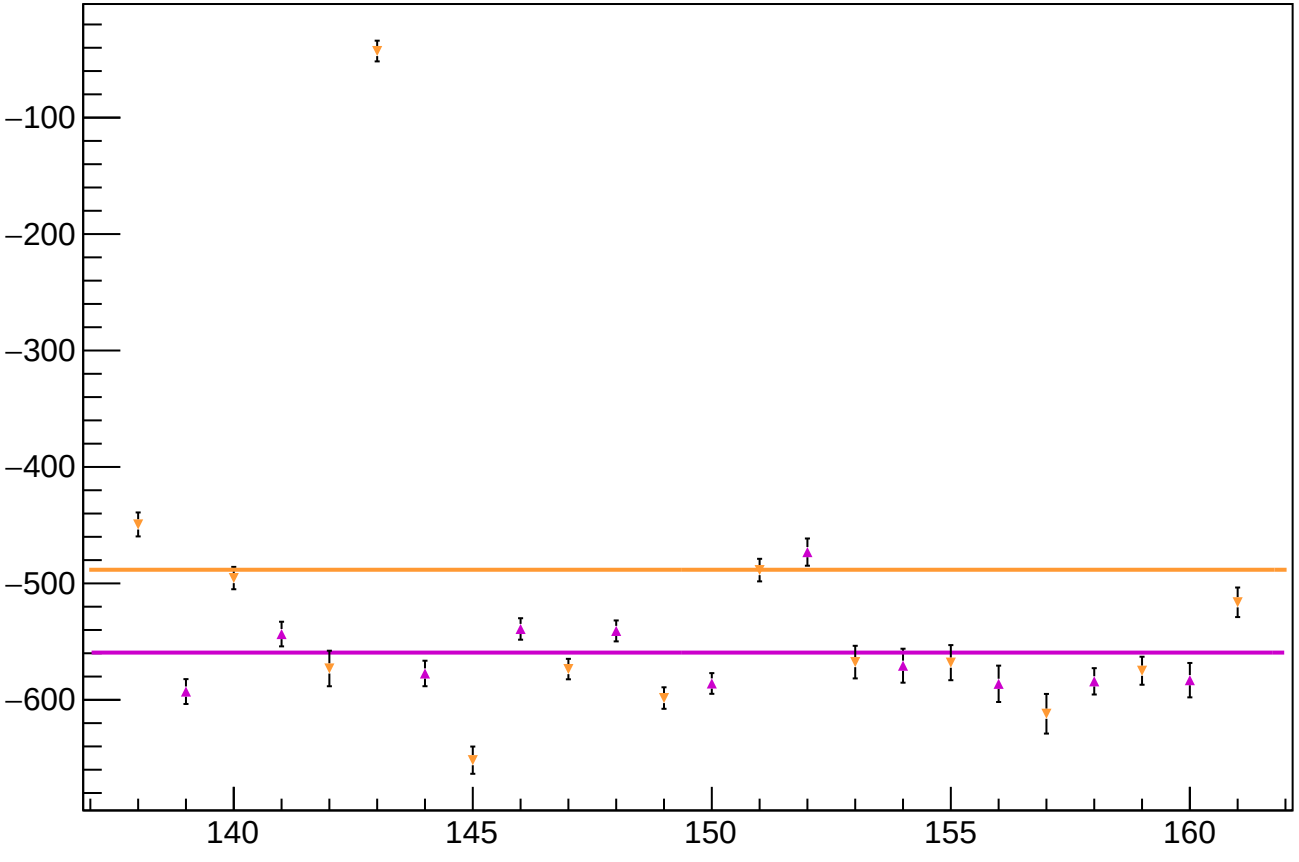
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -21.131+/-0.028 χ^2/NDF:730303.3/27

Out: -21.690+/-0.028 χ^2/NDF:749351.0/31

All: -21.414+/-0.020 χ^2/NDF: 1479855.1/59

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -488.277+/-3.072 χ^2/NDF:3153.2/12

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

Left In: -559.418+/-3.309 χ^2/NDF:98.1/10

Left: -521.216+/-2.251 χ^2/NDF: 3499.6/23

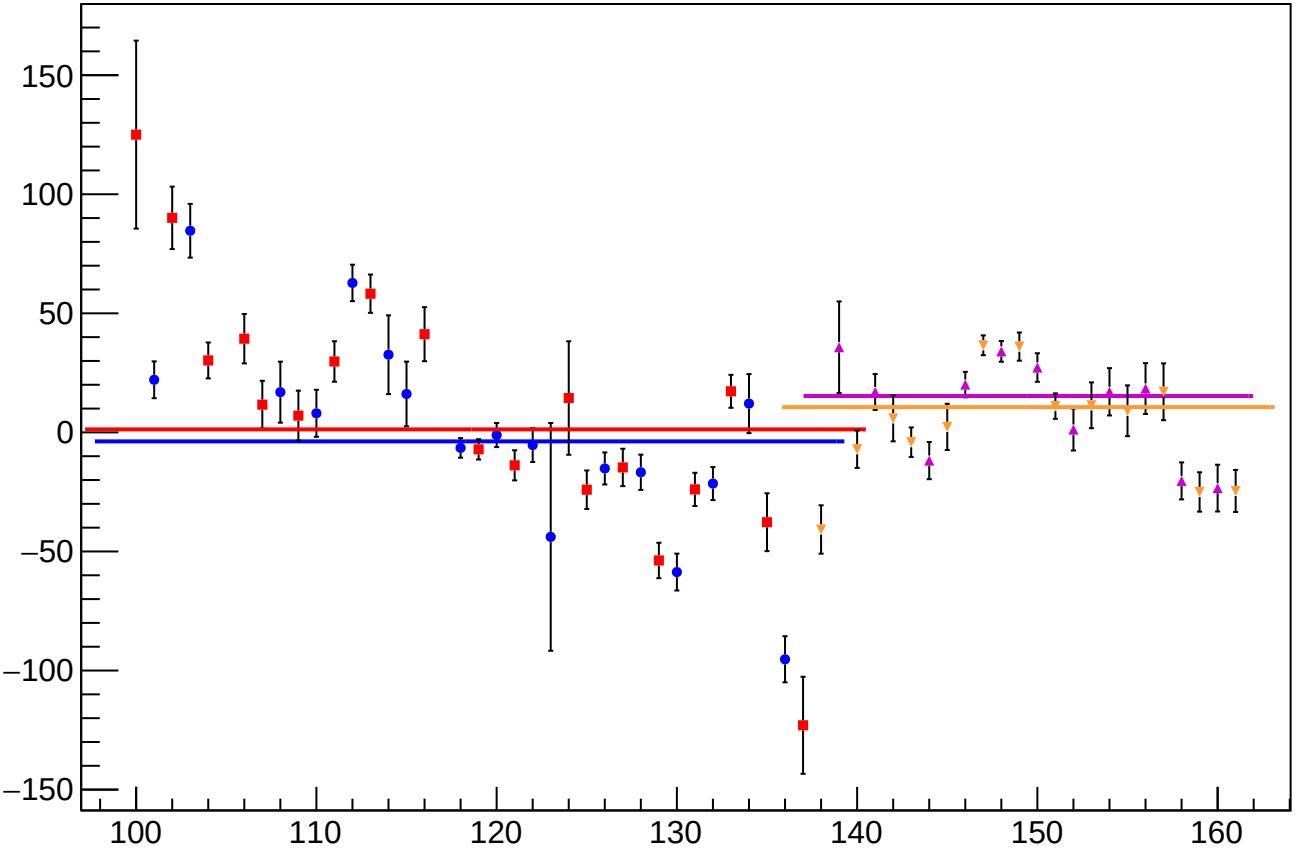
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -559.418+/-3.309 χ^2/NDF:98.1/10

Out: -488.277+/-3.072 χ^2/NDF:3153.2/12

All: -521.216+/-2.251 χ^2/NDF: 3499.6/23

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 10.612+/-2.004 χ^2/NDF:129.4/12

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 15.275+/-2.177 χ^2/NDF:75.8/10

Left: 12.750+/-1.475 χ^2/NDF: 207.8/23

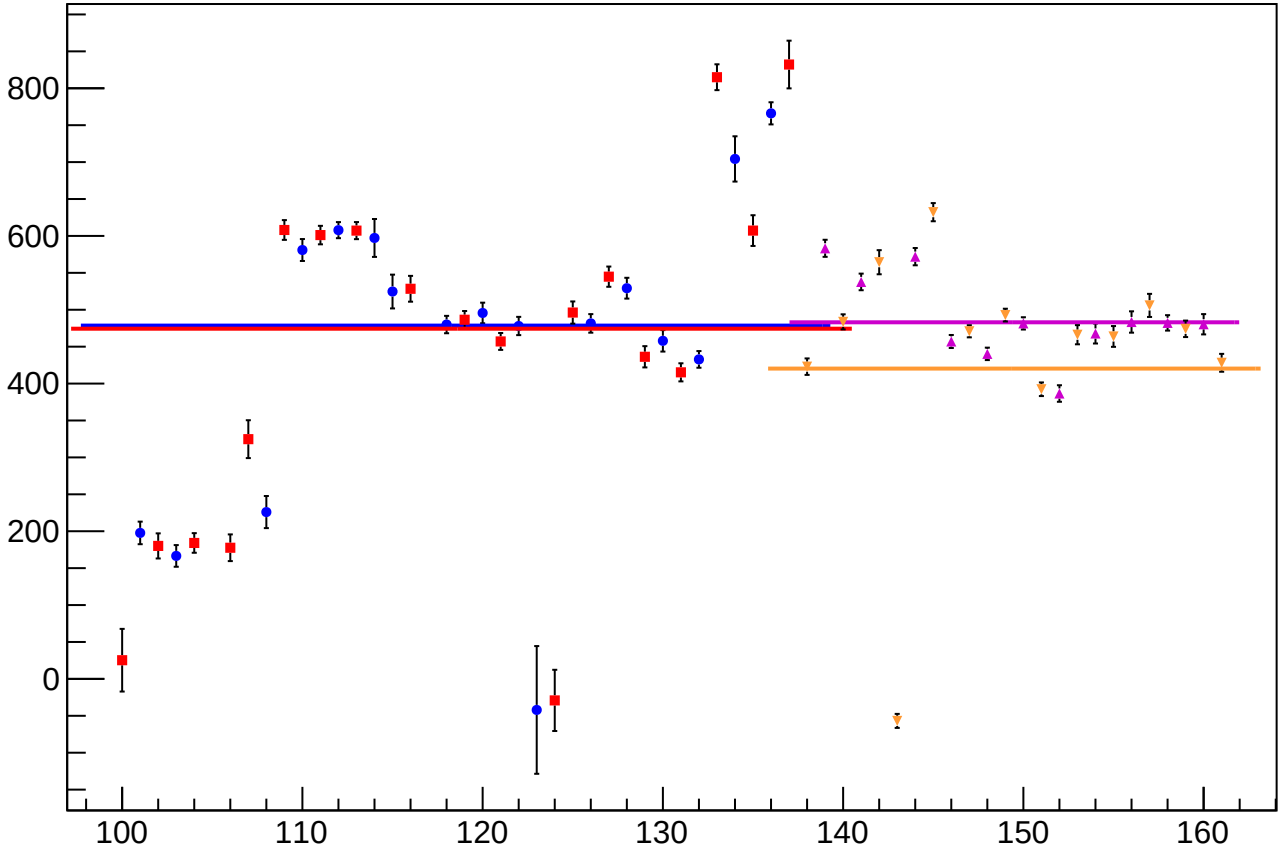
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 4.404+/-1.427 χ^2/NDF:433.9/27

Out: 5.739+/-1.386 χ^2/NDF:444.5/31

All: 5.091+/-0.994 χ^2/NDF: 878.8/59

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 420.312+/-3.029 χ^2/NDF:3129.5/12

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 483.005+/-3.215 χ^2/NDF:266.3/10

Left: 449.794+/-2.205 χ^2/NDF: 3597.3/23

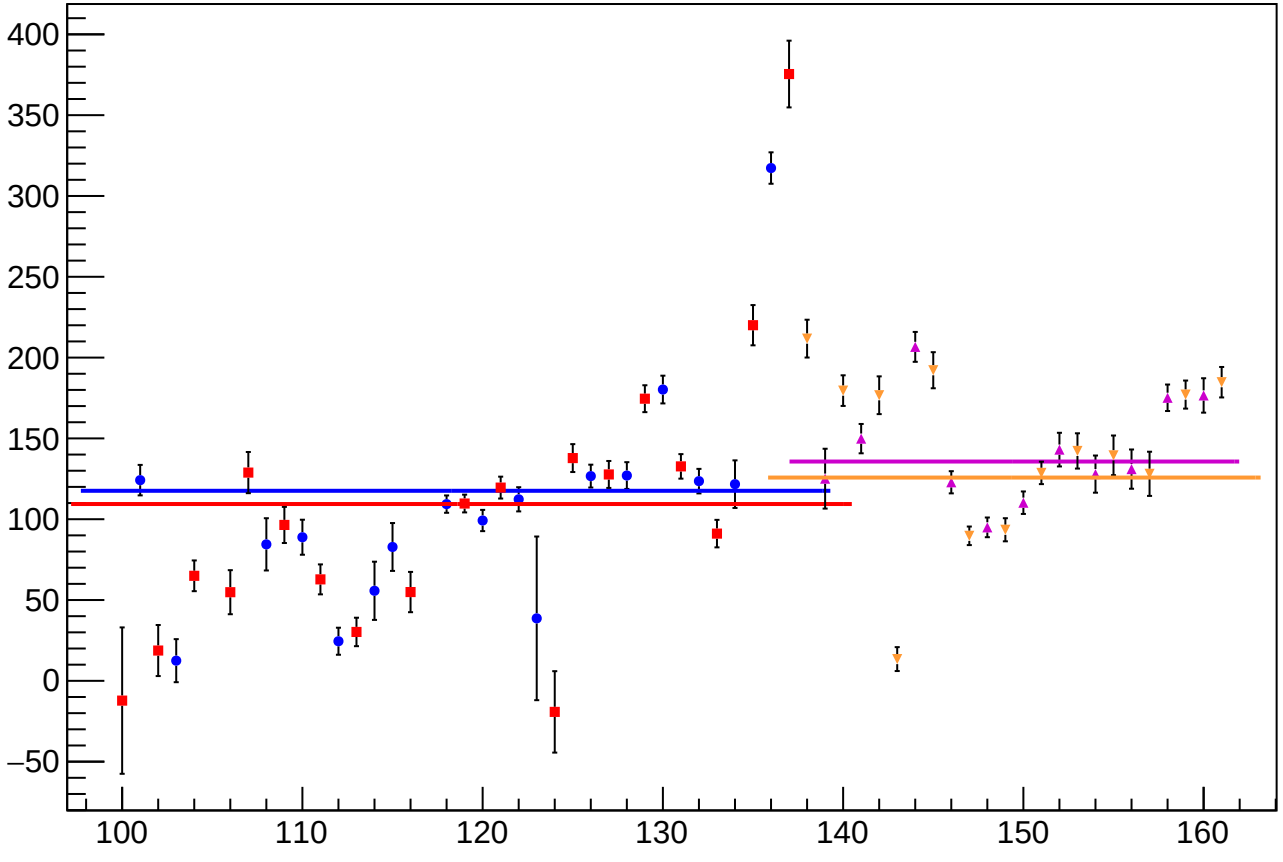
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 481.036+/-2.407 χ^2/NDF:1896.2/27

Out: 443.198+/-2.299 χ^2/NDF:5551.4/31

All: 461.255+/-1.663 χ^2/NDF: 7576.8/59

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 125.774+/-2.442 χ^2/NDF:508.9/12

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 135.689+/-2.645 χ^2/NDF:162.2/10

Left: 130.337+/-1.795 χ^2/NDF: 678.8/23

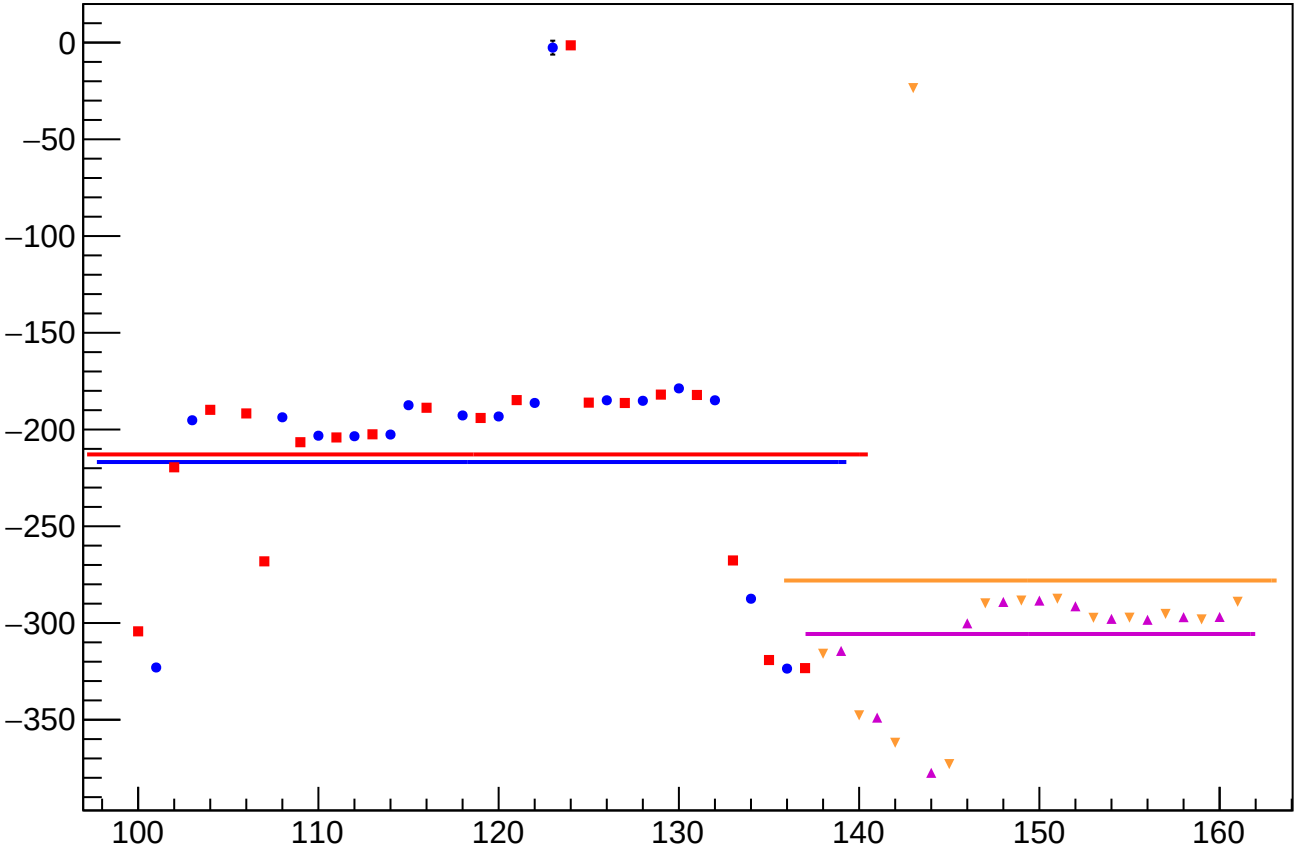
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 124.958+/-1.688 χ^2/NDF:896.9/27

Out: 116.770+/-1.639 χ^2/NDF:1104.8/31

All: 120.742+/-1.176 χ^2/NDF: 2013.8/59

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -278.035+/-0.122 χ^2/NDF:544007.5/12

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -305.675+/-0.128 χ^2/NDF:36126.8/10

Left: -291.210+/-0.088 χ^2/NDF: 604611.8/23

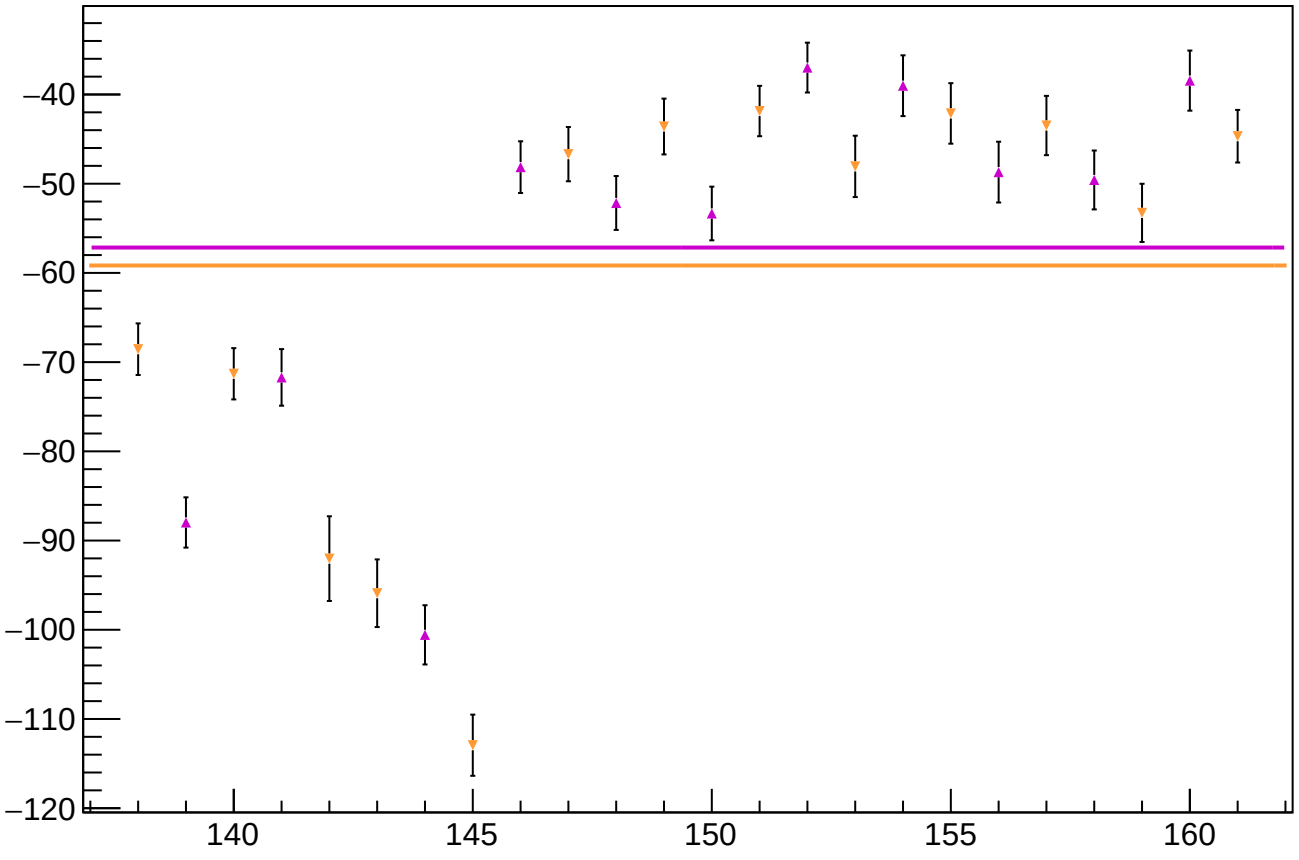
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -263.879+/-0.093 χ^2/NDF:410519.3/27

Out: -247.565+/-0.089 χ^2/NDF:793877.5/31

All: -255.362+/-0.064 χ^2/NDF: 1220455.9/59

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -59.168+/-0.896 χ^2/NDF:580.8/12

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

Left In: -57.157+/-0.938 χ^2/NDF:448.5/10

Left: -58.209+/-0.648 χ^2/NDF: 1031.7/23

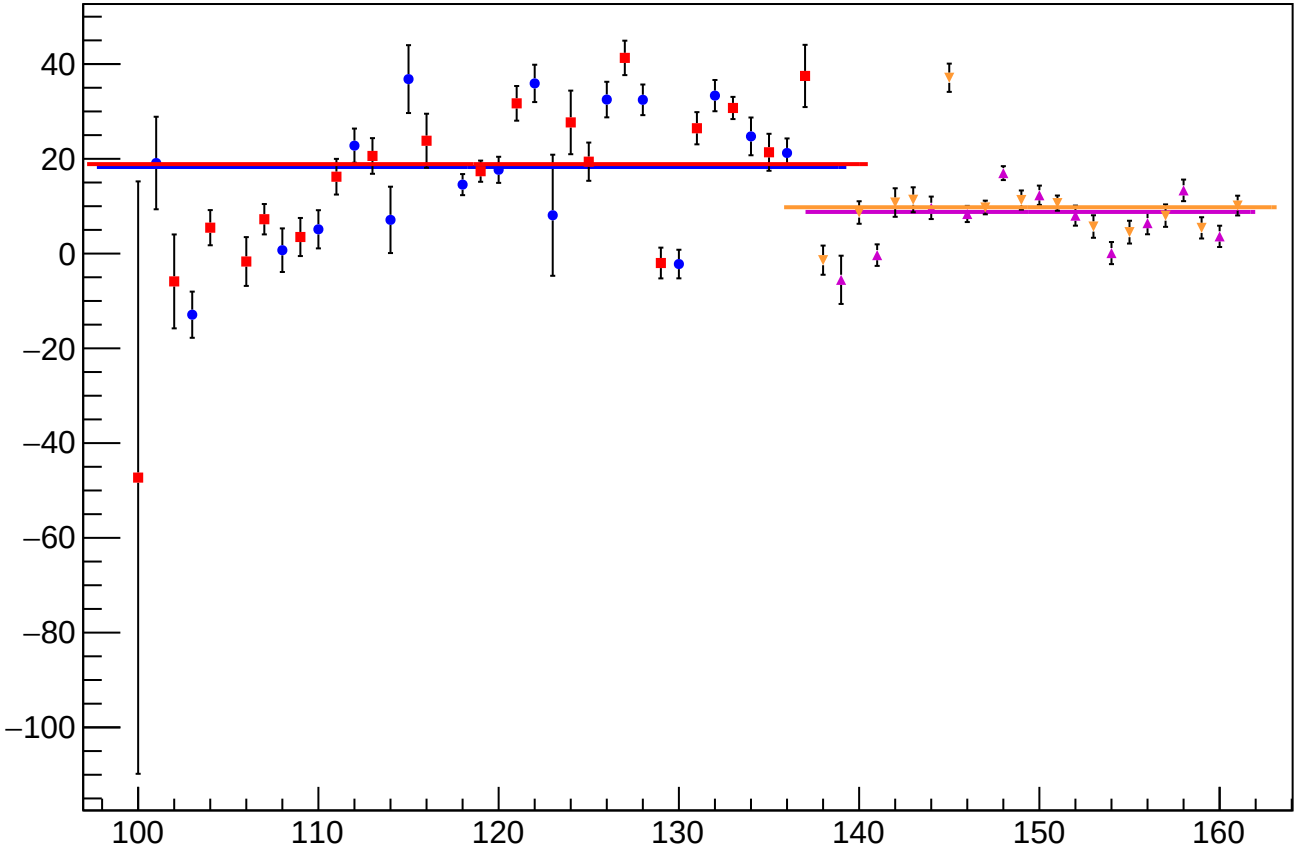
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -57.157+/-0.938 χ^2/NDF:448.5/10

Out: -59.168+/-0.896 χ^2/NDF:580.8/12

All: -58.209+/-0.648 χ^2/NDF: 1031.7/23

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.781+/-0.606 χ^2/NDF:110.8/12

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 8.788+/-0.641 χ^2/NDF:82.5/10

Left: 9.312+/-0.440 χ^2/NDF: 194.6/23

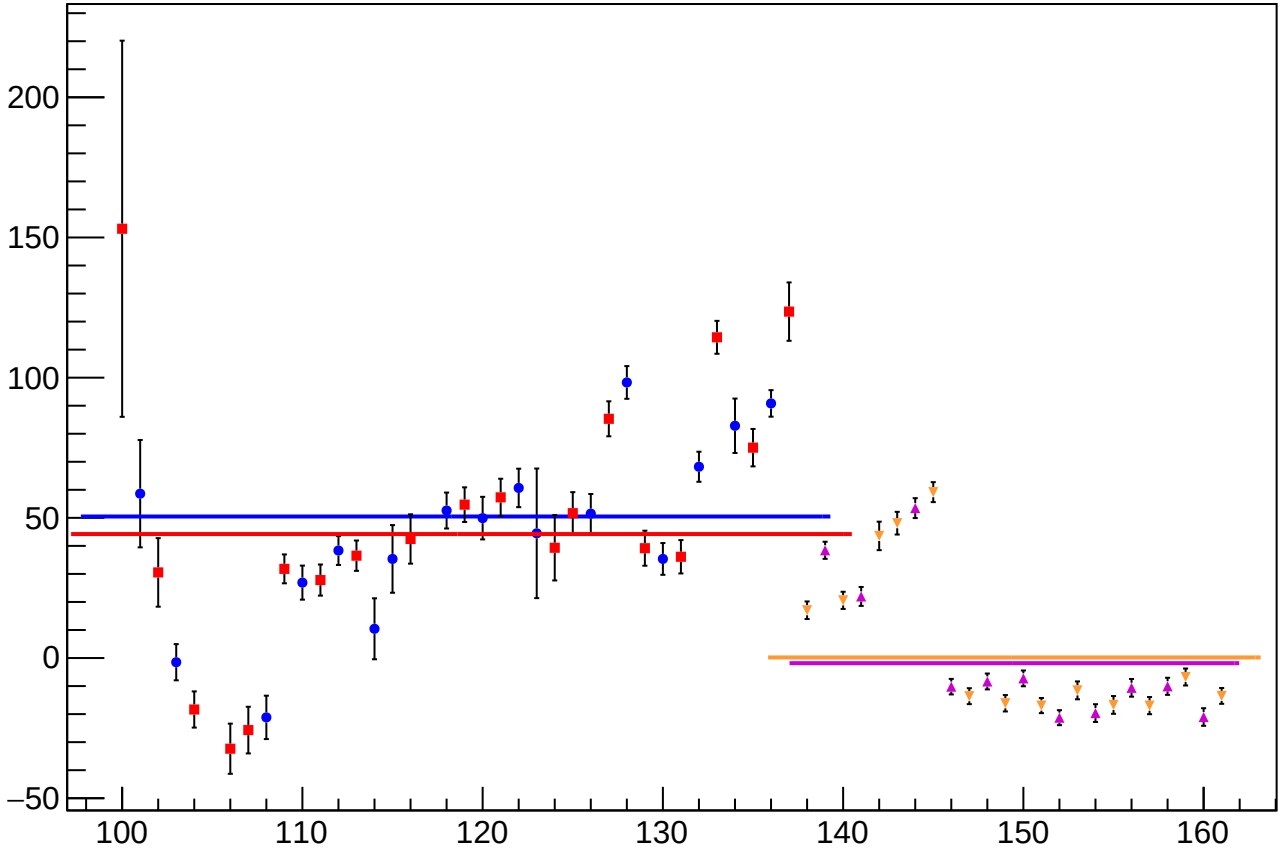
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 11.954+/-0.523 χ^2/NDF:360.3/27

Out: 12.780+/-0.496 χ^2/NDF:383.6/31

All: 12.389+/-0.360 χ^2/NDF: 745.2/59

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 0.209+/-0.875 χ^2/NDF:758.0/12

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -1.831+/-0.911 χ^2/NDF:621.9/10

Left: -0.771+/-0.631 χ^2/NDF: 1382.5/23

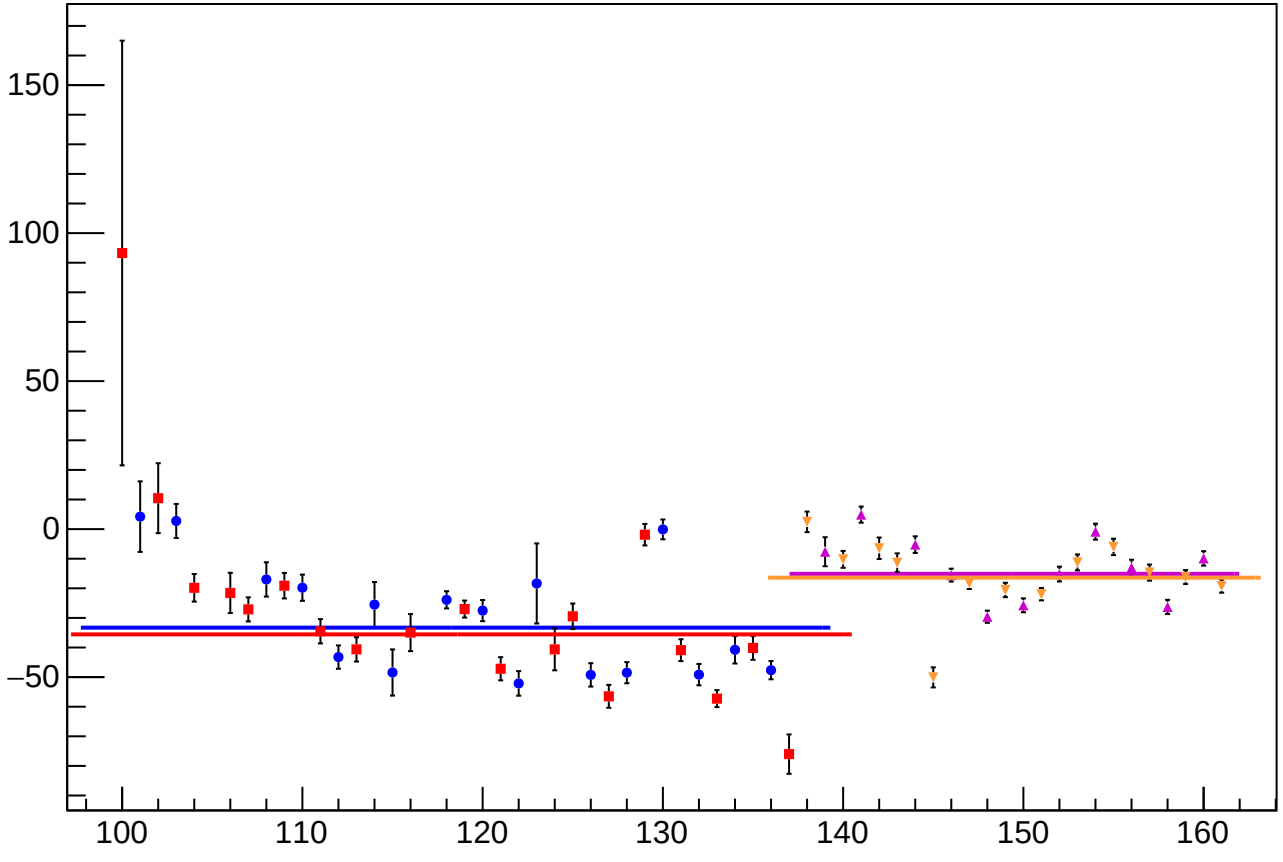
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 10.186+/-0.799 χ^2/NDF:1737.5/27

Out: 10.326+/-0.768 χ^2/NDF:1873.3/31

All: 10.259+/-0.554 χ^2/NDF: 3610.8/59

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.418+/-0.724 χ^2/NDF:173.3/12

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -15.114+/-0.765 χ^2/NDF:193.6/10

Left: -15.802+/-0.526 χ^2/NDF: 368.4/23

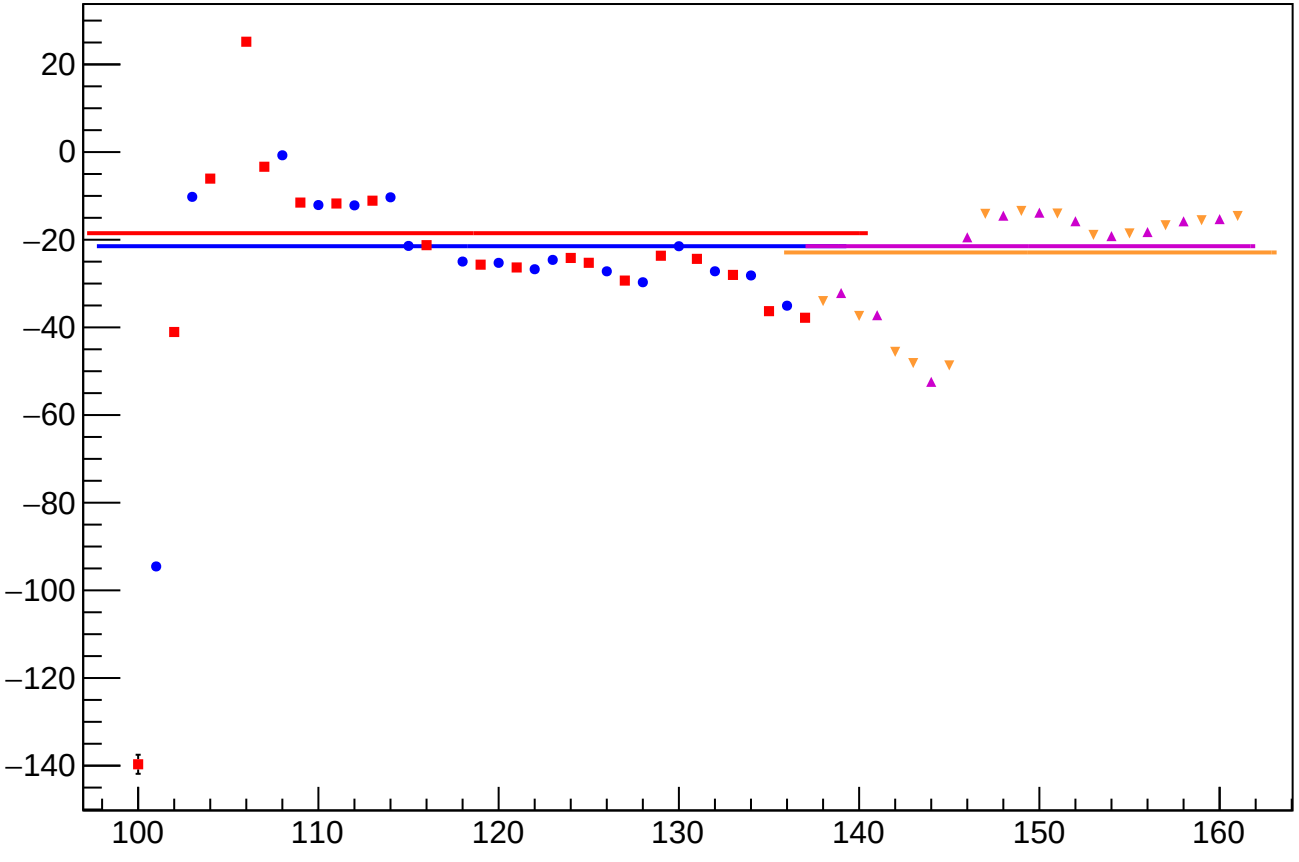
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -21.549+/-0.615 χ^2/NDF:682.7/27

Out: -23.068+/-0.585 χ^2/NDF:703.9/31

All: -22.346+/-0.424 χ^2/NDF: 1389.8/59

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -22.903+/-0.034 χ^2/NDF:123346.4/12

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -21.474+/-0.035 χ^2/NDF:80482.5/10

Left: -22.213+/-0.025 χ^2/NDF: 204674.6/23

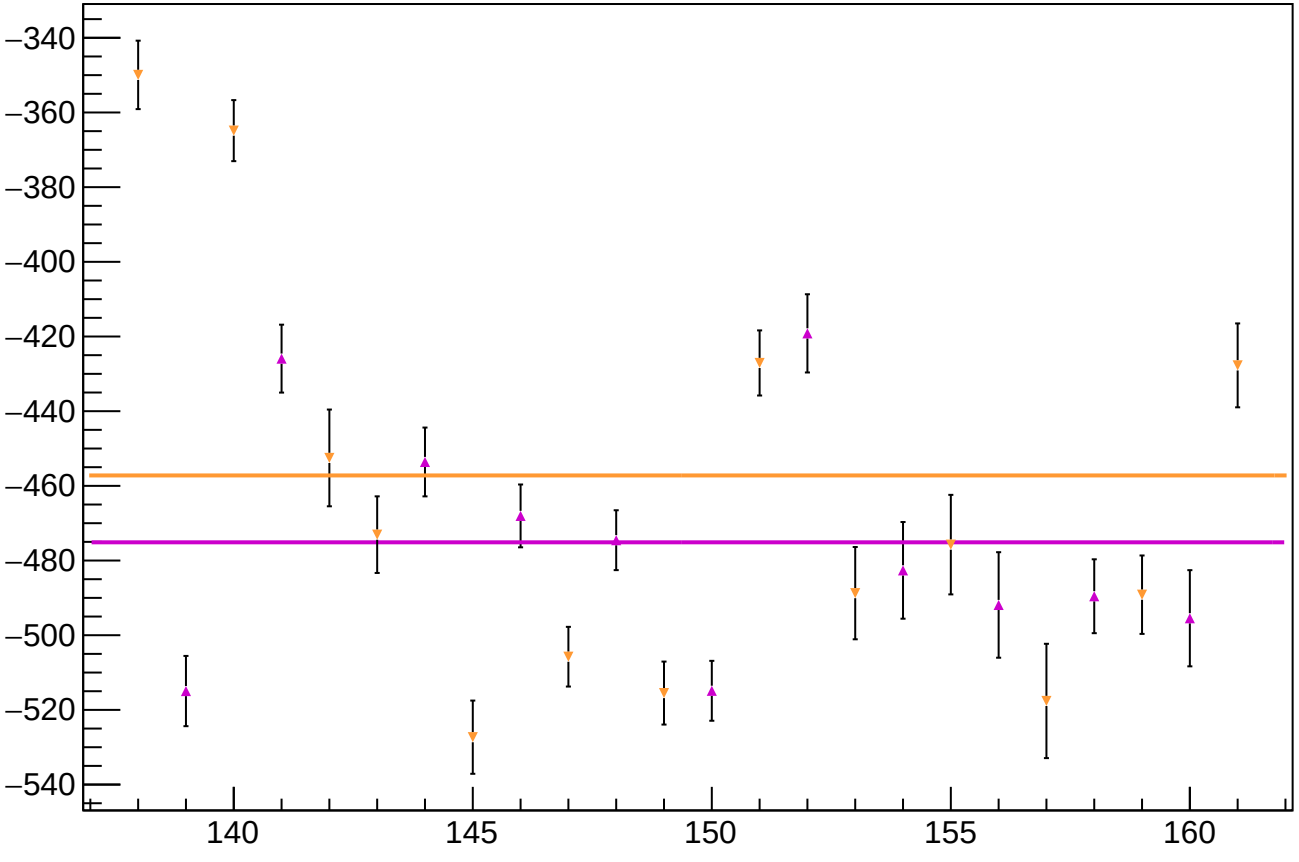
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -21.474+/-0.030 χ^2/NDF:129492.2/27

Out: -21.753+/-0.029 χ^2/NDF:208420.4/31

All: -21.618+/-0.021 χ^2/NDF: 337956.2/59

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -457.207+/-2.784 χ^2/NDF:454.9/12

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

Left In: -475.120+/-2.927 χ^2/NDF:112.8/10

Left: -465.716+/-2.017 χ^2/NDF: 587.4/23

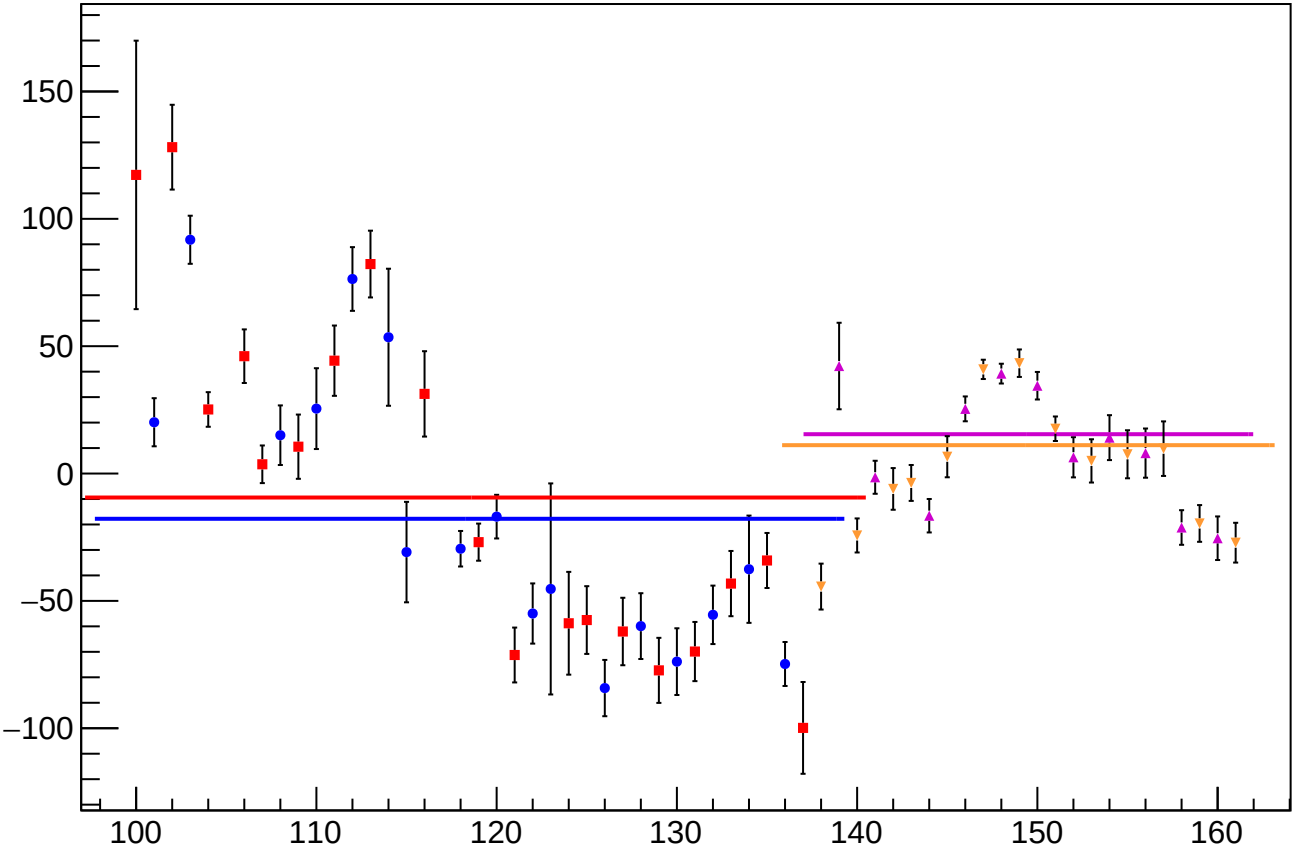
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -475.120+/-2.927 χ^2/NDF:112.8/10

Out: -457.207+/-2.784 χ^2/NDF:454.9/12

All: -465.716+/-2.017 χ^2/NDF: 587.4/23

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 11.137+/-1.820 χ^2/NDF:217.2/12

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 15.444+/-1.932 χ^2/NDF:140.9/10

Left: 13.163+/-1.325 χ^2/NDF: 360.7/23

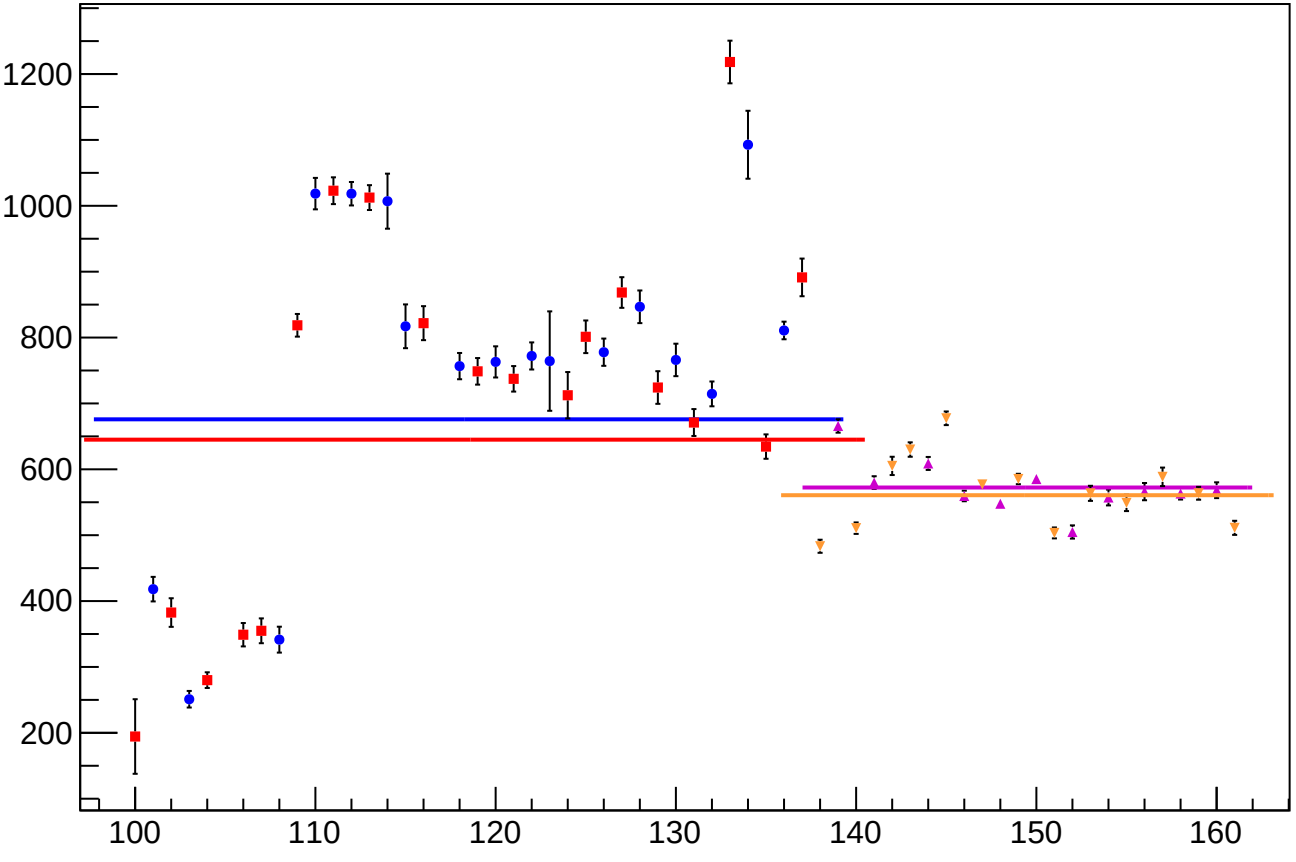
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: 4.637+/-1.587 χ^2/NDF:600.9/27

Out: 4.422+/-1.494 χ^2/NDF:628.4/31

All: 4.523+/-1.088 χ^2/NDF: 1229.3/59

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 560.691+/-2.741 χ^2/NDF:360.1/12

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 572.378+/-2.849 χ^2/NDF:162.9/10

Left: 566.309+/-1.975 χ^2/NDF: 531.7/23

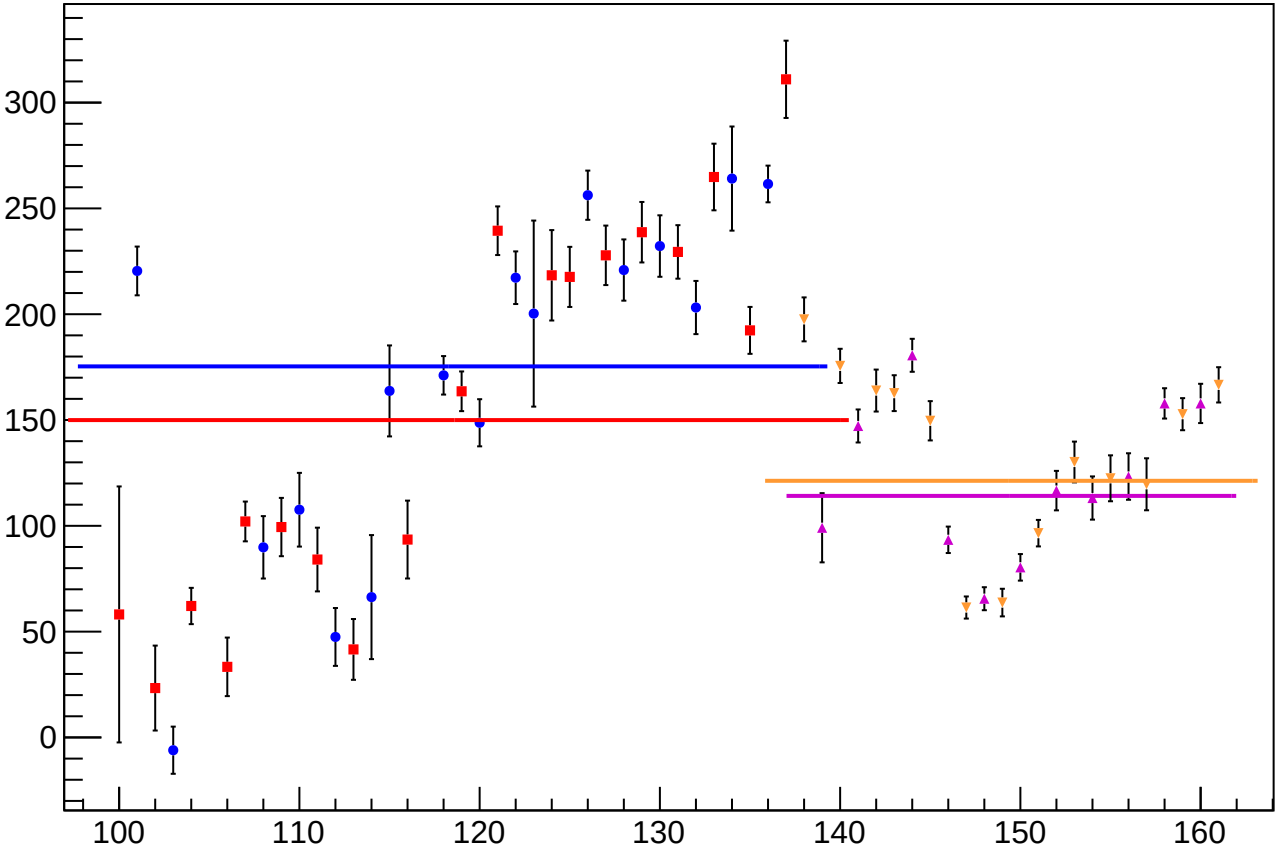
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 597.460+/-2.480 χ^2/NDF:3069.1/27

Out: 581.680+/-2.375 χ^2/NDF:3719.0/31

All: 589.231+/-1.715 χ^2/NDF: 6809.2/59

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 121.273+/-2.216 χ^2/NDF:423.3/12

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 114.144+/-2.344 χ^2/NDF:271.6/10

Left: 117.908+/-1.610 χ^2/NDF: 699.8/23

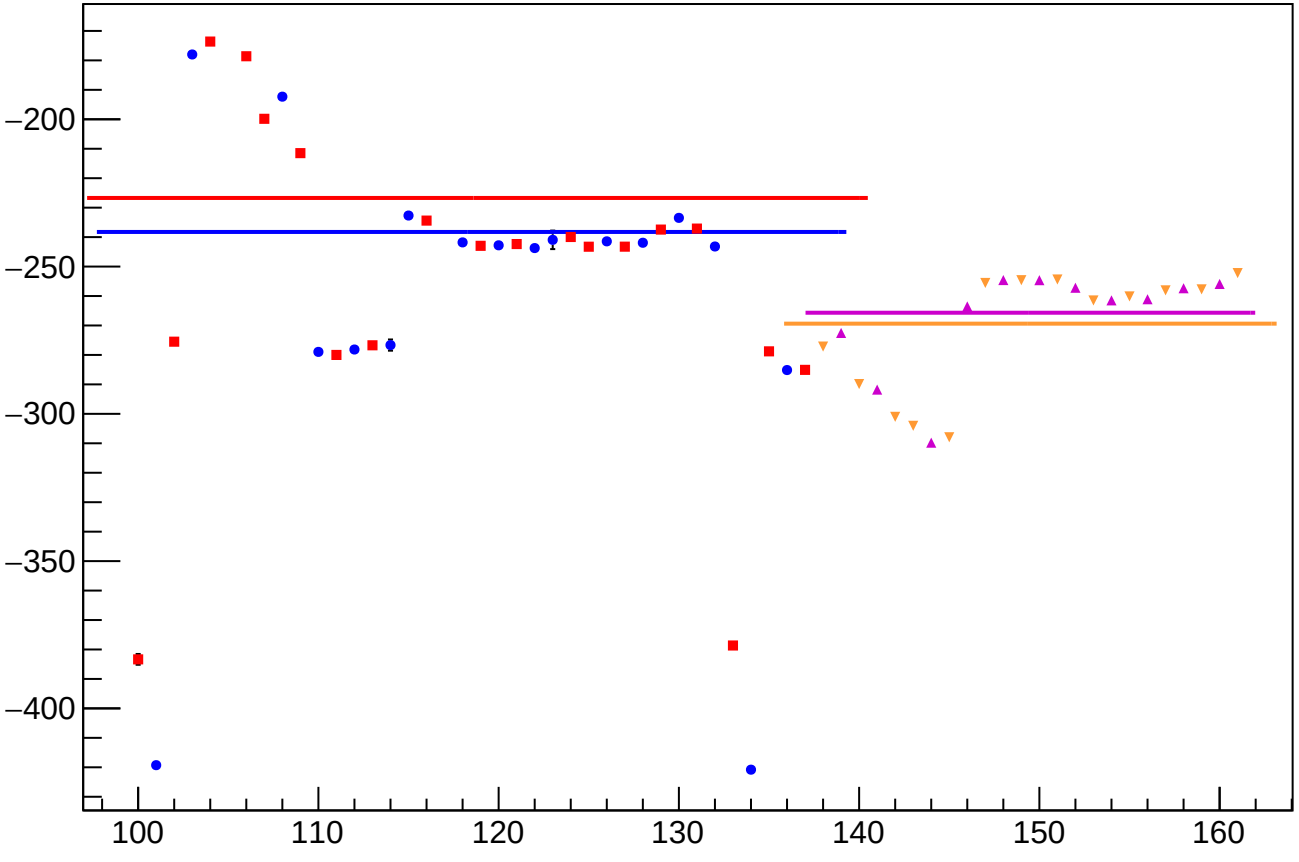
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 135.491+/-1.892 χ^2/NDF:1147.8/27

Out: 131.209+/-1.792 χ^2/NDF:1174.5/31

All: 133.234+/-1.301 χ^2/NDF: 2325.0/59

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -269.381+/-0.110 χ^2/NDF:31159.6/12

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -265.672+/-0.113 χ^2/NDF:19518.3/10

Left: -267.575+/-0.079 χ^2/NDF: 51228.8/23

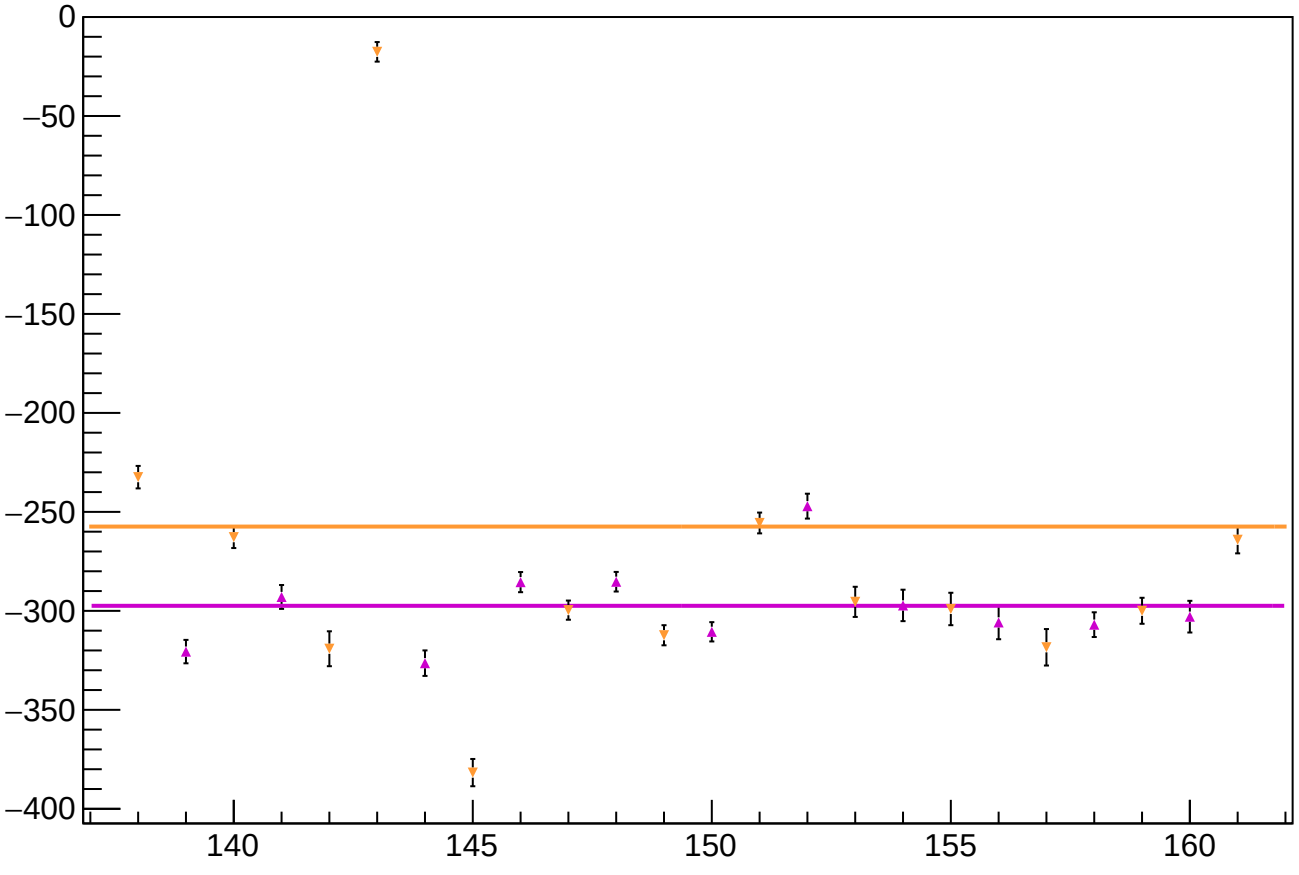
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.518+/-0.092 χ^2/NDF:206235.5/27

Out: -254.550+/-0.089 χ^2/NDF:186036.7/31

All: -255.498+/-0.064 χ^2/NDF: 392507.3/59

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: -257.418+/-1.703 χ^2/NDF:3075.8/12

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

Left In: -297.447+/-1.832 χ^2/NDF:122.8/10

Left: -275.970+/-1.247 χ^2/NDF: 3454.7/23

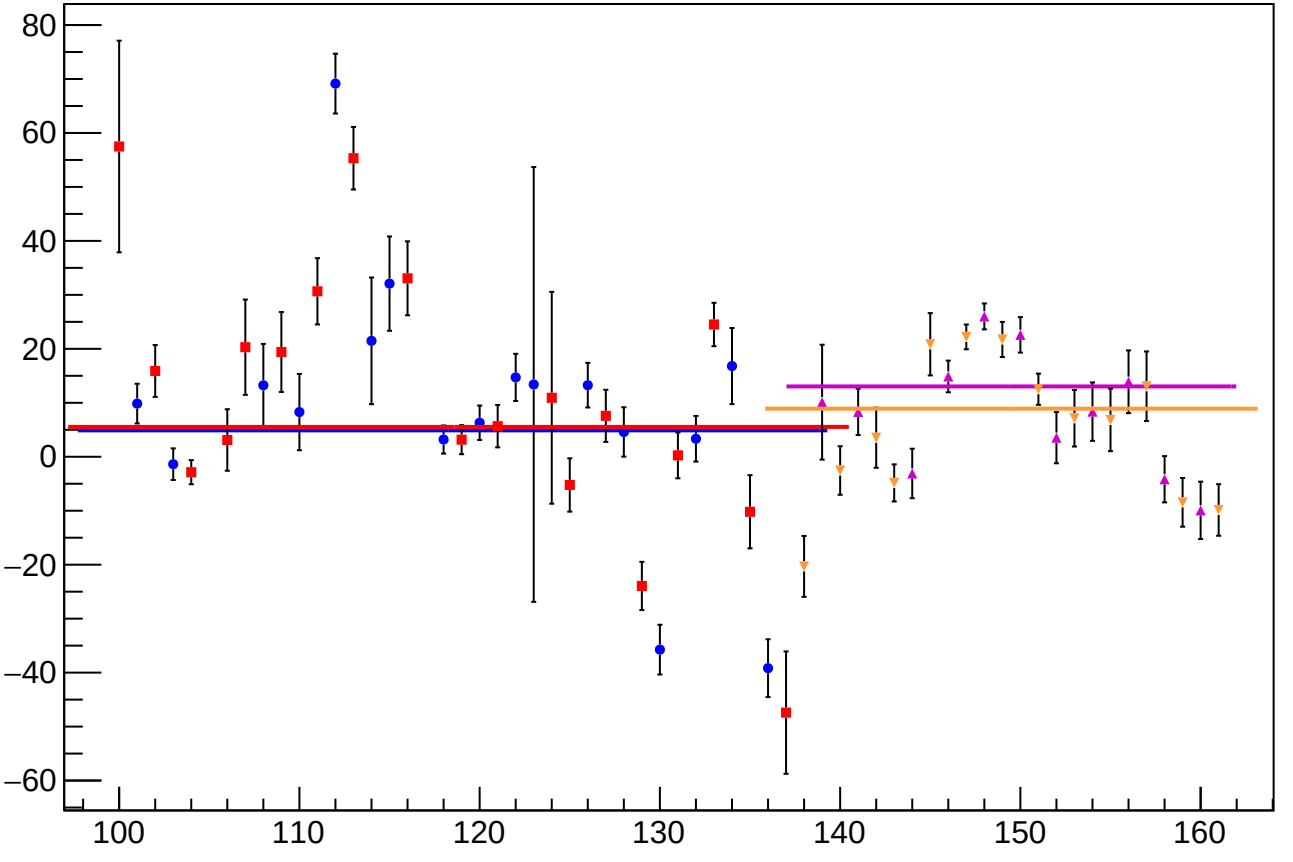
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -297.447+/-1.832 χ^2/NDF:122.8/10

Out: -257.418+/-1.703 χ^2/NDF:3075.8/12

All: -275.970+/-1.247 χ^2/NDF: 3454.7/23

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: 8.911+/-1.108 χ^2/NDF:136.1/12

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 13.031+/-1.203 χ^2/NDF:91.2/10

Left: 10.802+/-0.815 χ^2/NDF: 233.7/23

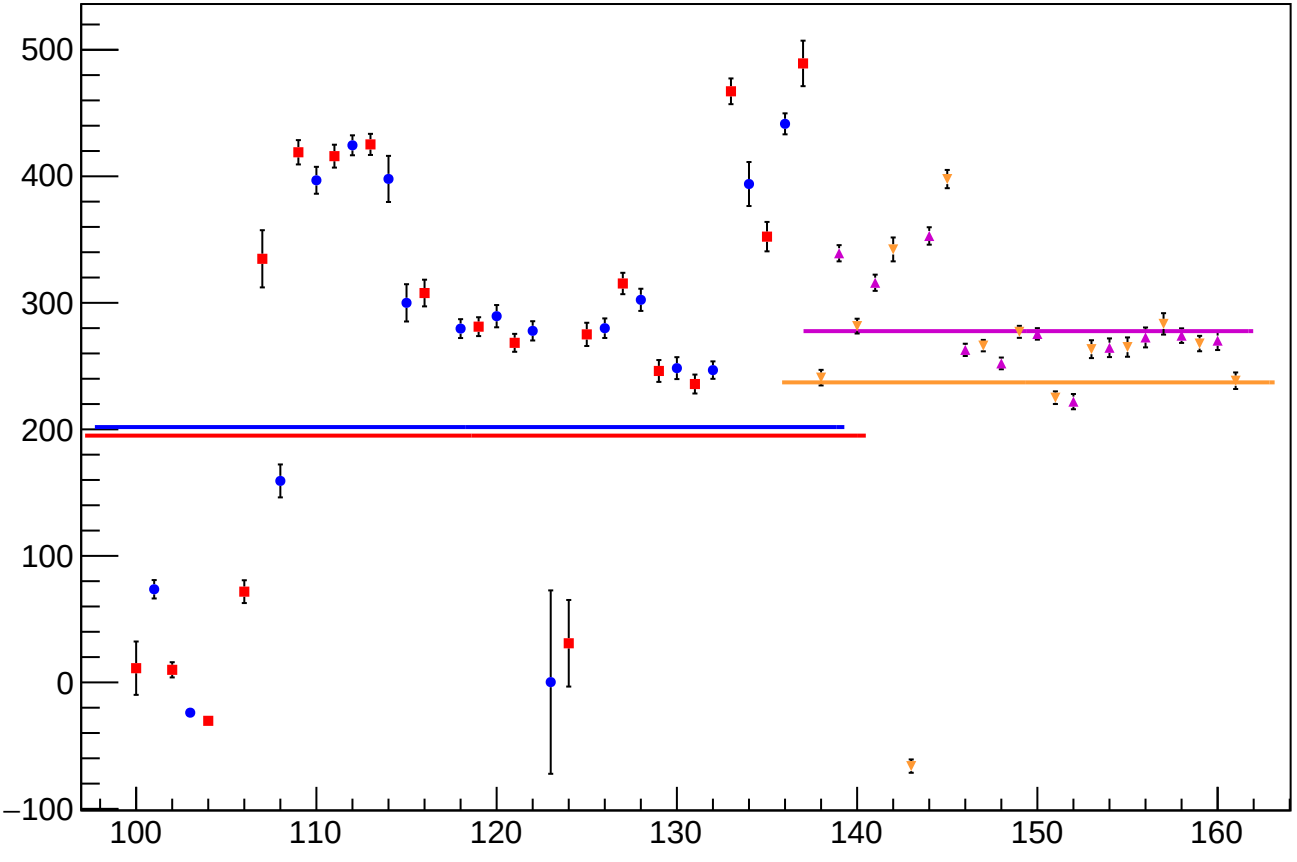
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 8.560+/-0.807 χ^2/NDF:428.3/27

Out: 7.166+/-0.770 χ^2/NDF:380.0/31

All: 7.830+/-0.557 χ^2/NDF: 809.9/59

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: 237.131+/-1.675 χ^2/NDF:4176.6/12

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 277.634+/-1.777 χ^2/NDF:377.4/10

Left: 256.192+/-1.219 χ^2/NDF: 4829.1/23

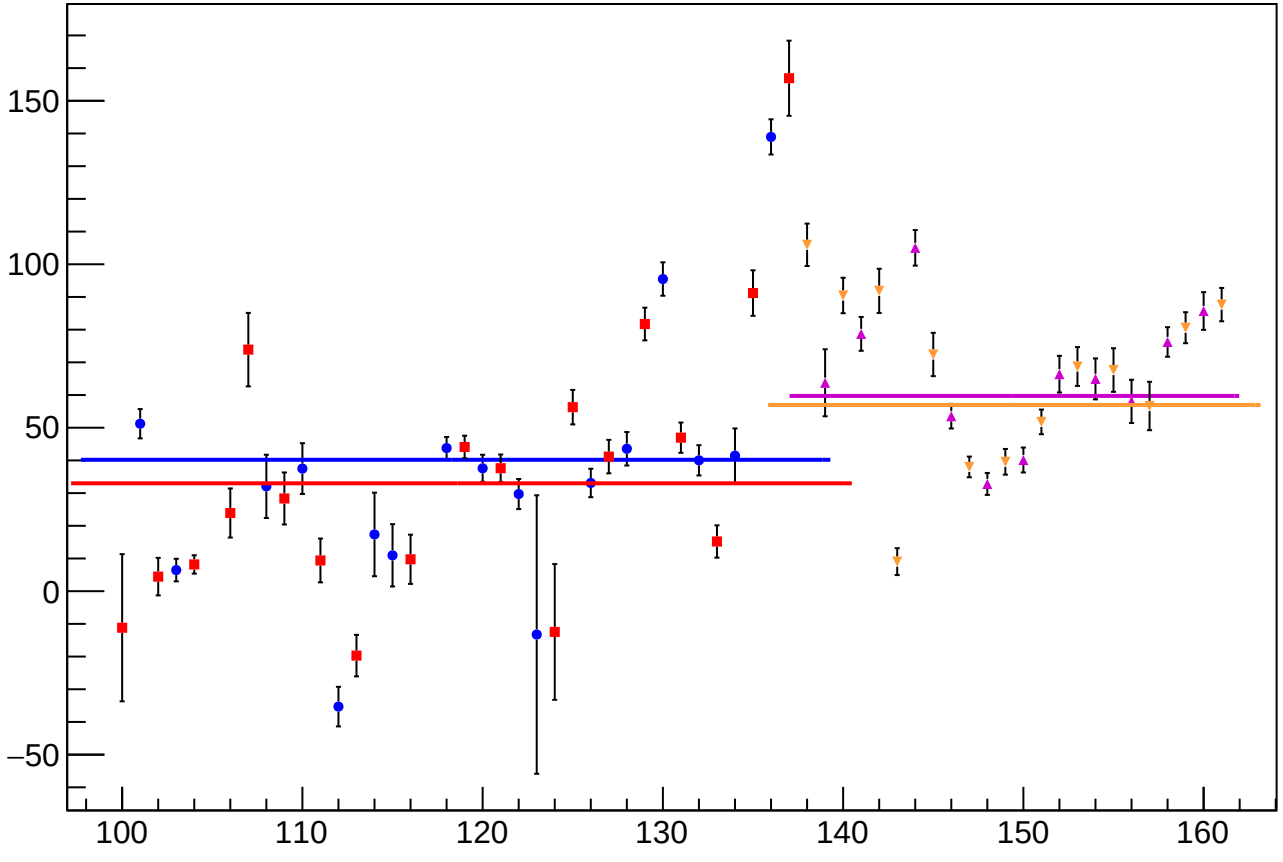
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 243.633+/-1.319 χ^2/NDF:7948.4/27

Out: 218.993+/-1.263 χ^2/NDF:12705.7/31

All: 230.779+/-0.913 χ^2/NDF: 20836.0/59

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: 56.962+/-1.350 χ^2/NDF:388.2/12

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 59.729+/-1.462 χ^2/NDF:212.1/10

Left: 58.235+/-0.992 χ^2/NDF: 602.3/23

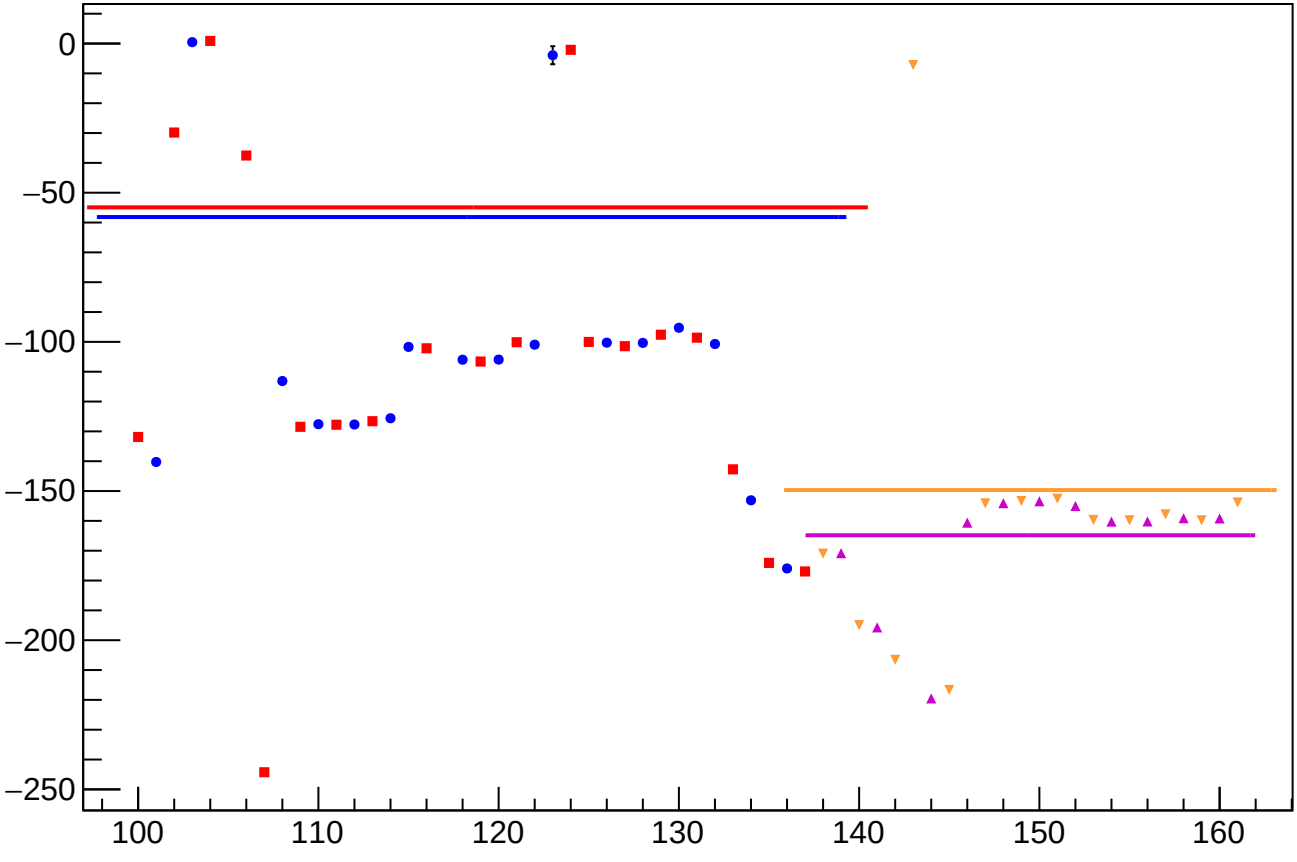
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 48.576+/-0.958 χ^2/NDF:1049.0/27

Out: 44.082+/-0.918 χ^2/NDF:1111.6/31

All: 46.235+/-0.663 χ^2/NDF: 2172.0/59

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: -149.685+/-0.067 χ^2/NDF:578891.2/12

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -164.824+/-0.071 χ^2/NDF:57908.5/10

Left: -156.905+/-0.049 χ^2/NDF: 660897.1/23

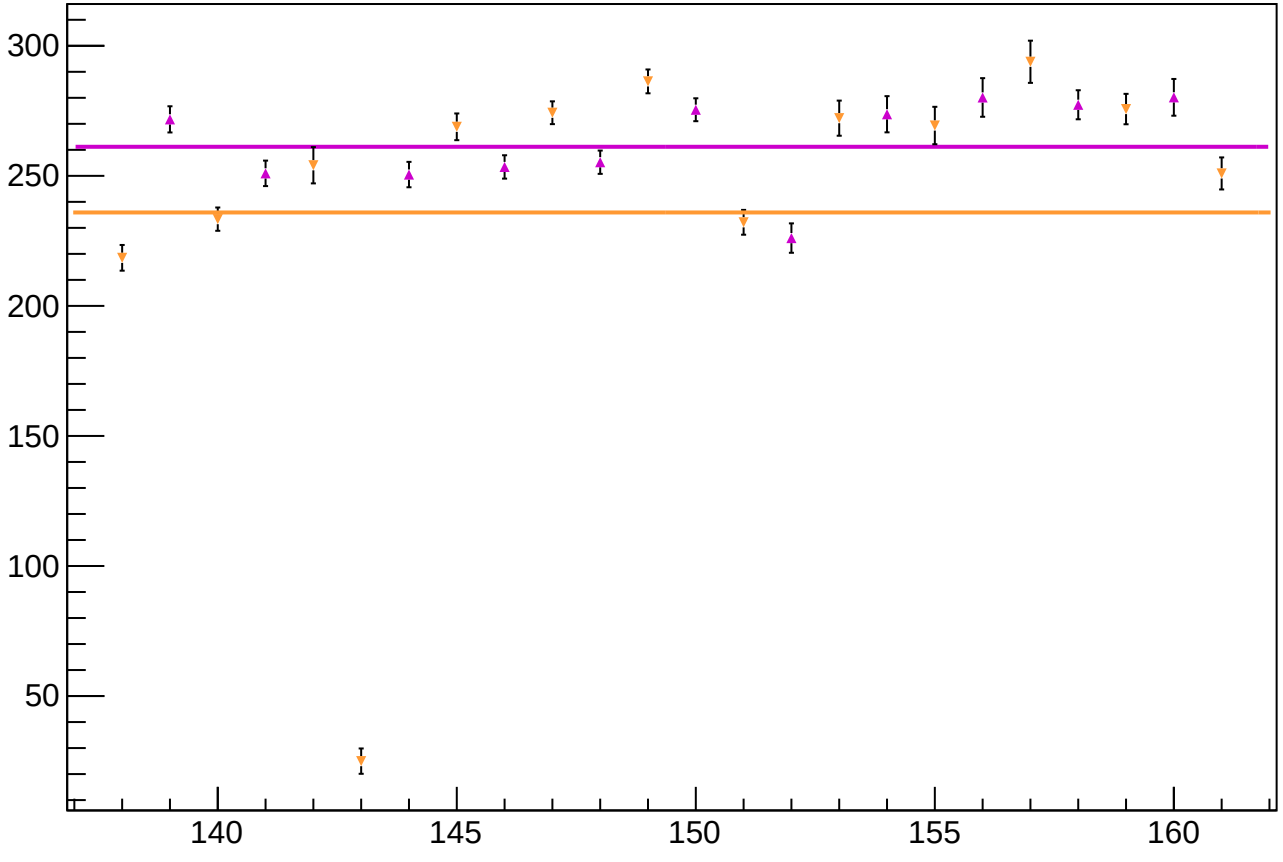
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -104.289+/-0.046 χ^2/NDF:2461399.9/27

Out: -97.018+/-0.045 χ^2/NDF:2683063.1/31

All: -100.535+/-0.032 χ^2/NDF: 5157150.2/59

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: 235.923+/-1.495 χ^2/NDF:2288.6/12

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

Left In: 261.177+/-1.589 χ^2/NDF:92.6/10

Left: 247.787+/-1.089 χ^2/NDF: 2515.3/23

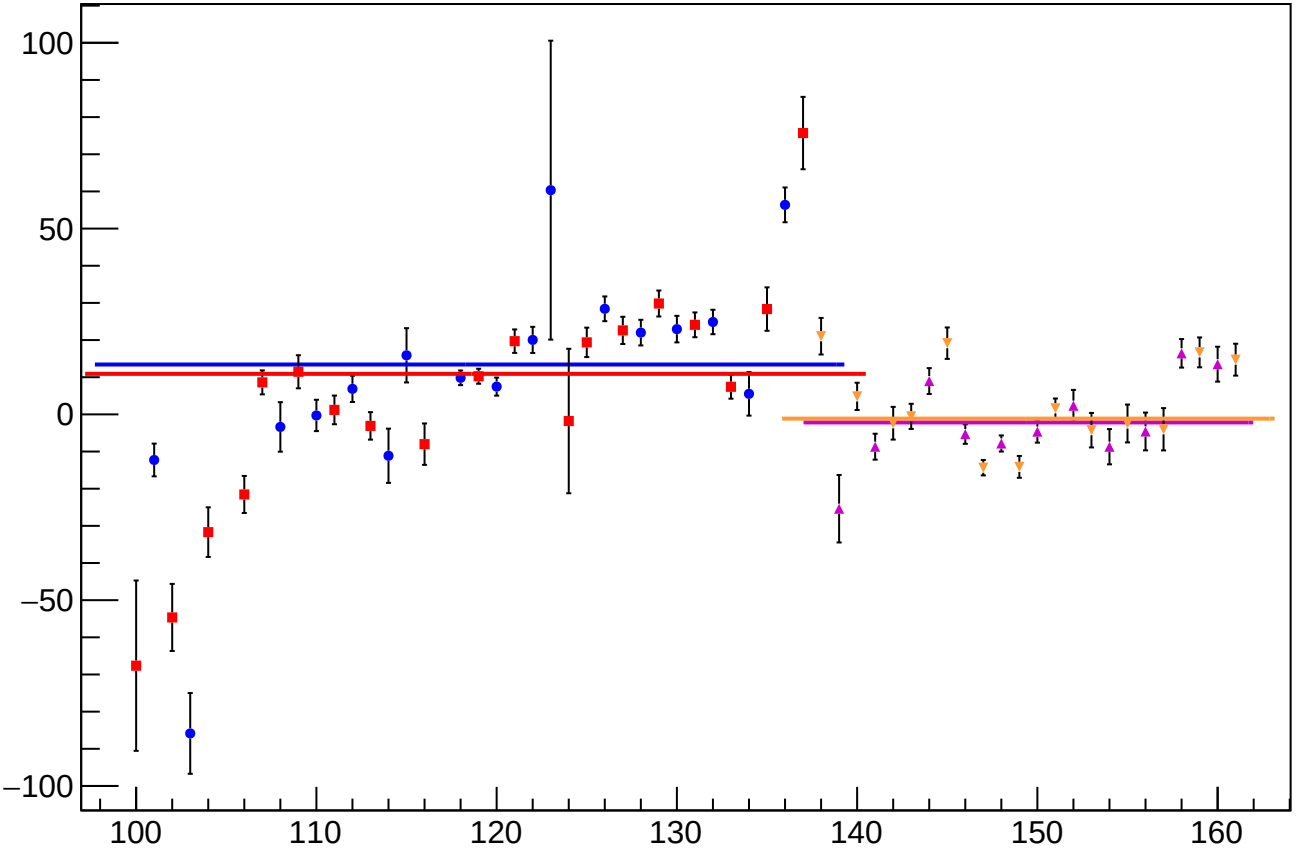
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 261.177+/-1.589 χ^2/NDF:92.6/10

Out: 235.923+/-1.495 χ^2/NDF:2288.6/12

All: 247.787+/-1.089 χ^2/NDF: 2515.3/23

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: -1.141+/-0.983 χ^2/NDF:141.3/12

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: -2.166+/-1.055 χ^2/NDF:67.1/10

Left: -1.618+/-0.719 χ^2/NDF: 208.9/23

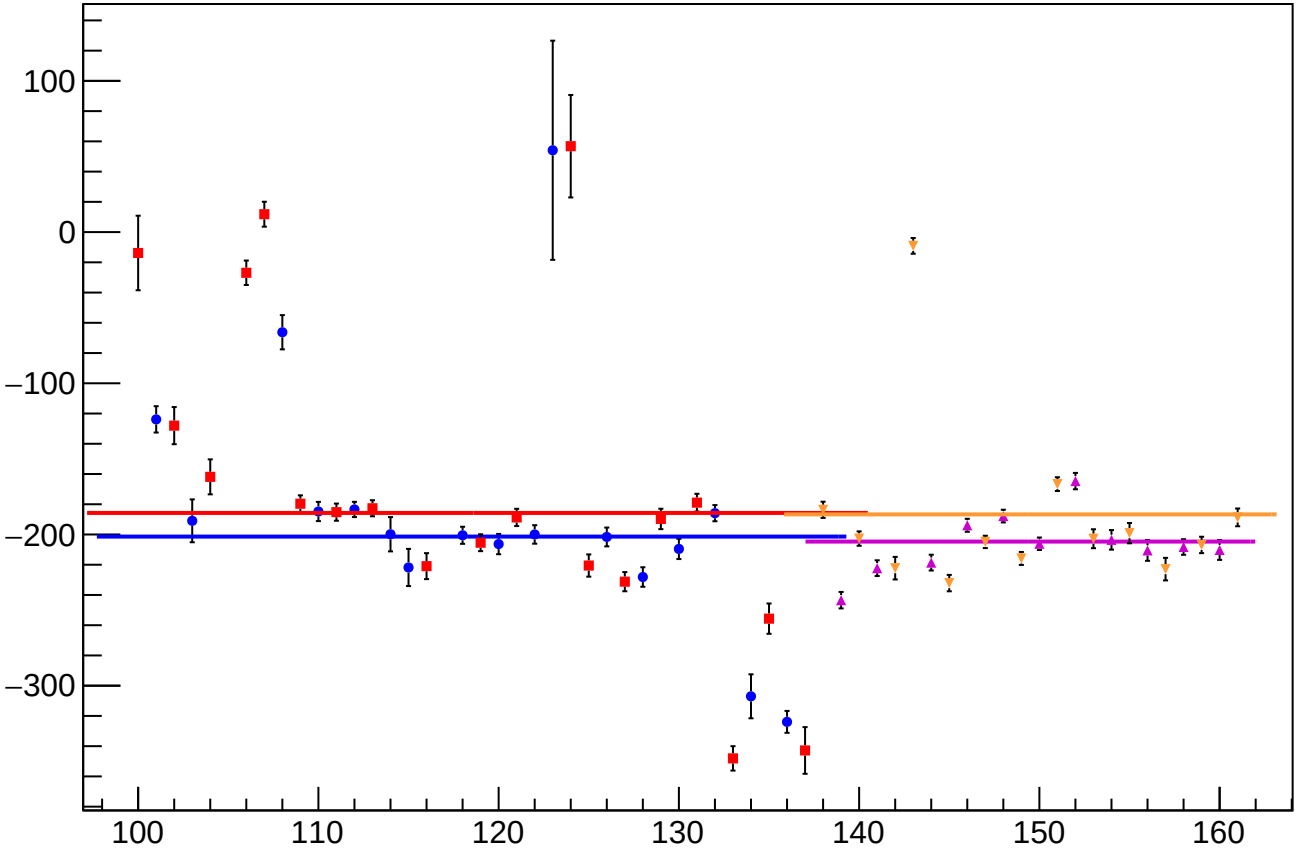
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 6.690+/-0.693 χ^2/NDF:486.4/27

Out: 5.308+/-0.670 χ^2/NDF:524.3/31

All: 5.976+/-0.482 χ^2/NDF: 1012.8/59

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: -186.711+/-1.476 χ^2/NDF:1404.5/12

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -204.691+/-1.548 χ^2/NDF:148.2/10

Left: -195.270+/-1.068 χ^2/NDF: 1623.4/23

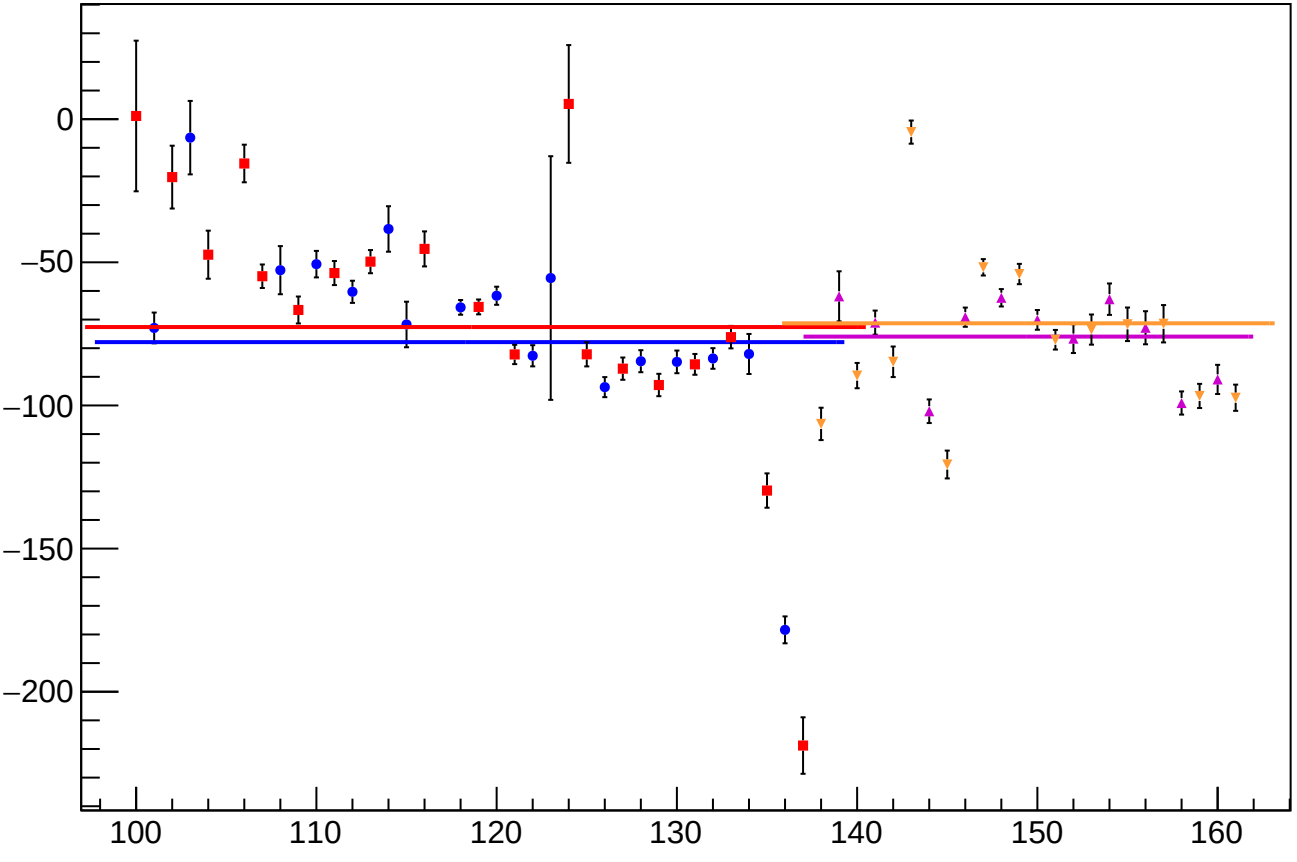
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -203.266+/-1.168 χ^2/NDF:773.7/27

Out: -186.293+/-1.114 χ^2/NDF:3154.0/31

All: -194.381+/-0.806 χ^2/NDF: 4038.2/59

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: -71.307+/-1.195 χ^2/NDF:579.1/12

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -75.948+/-1.278 χ^2/NDF:118.2/10

Left: -73.472+/-0.873 χ^2/NDF: 704.3/23

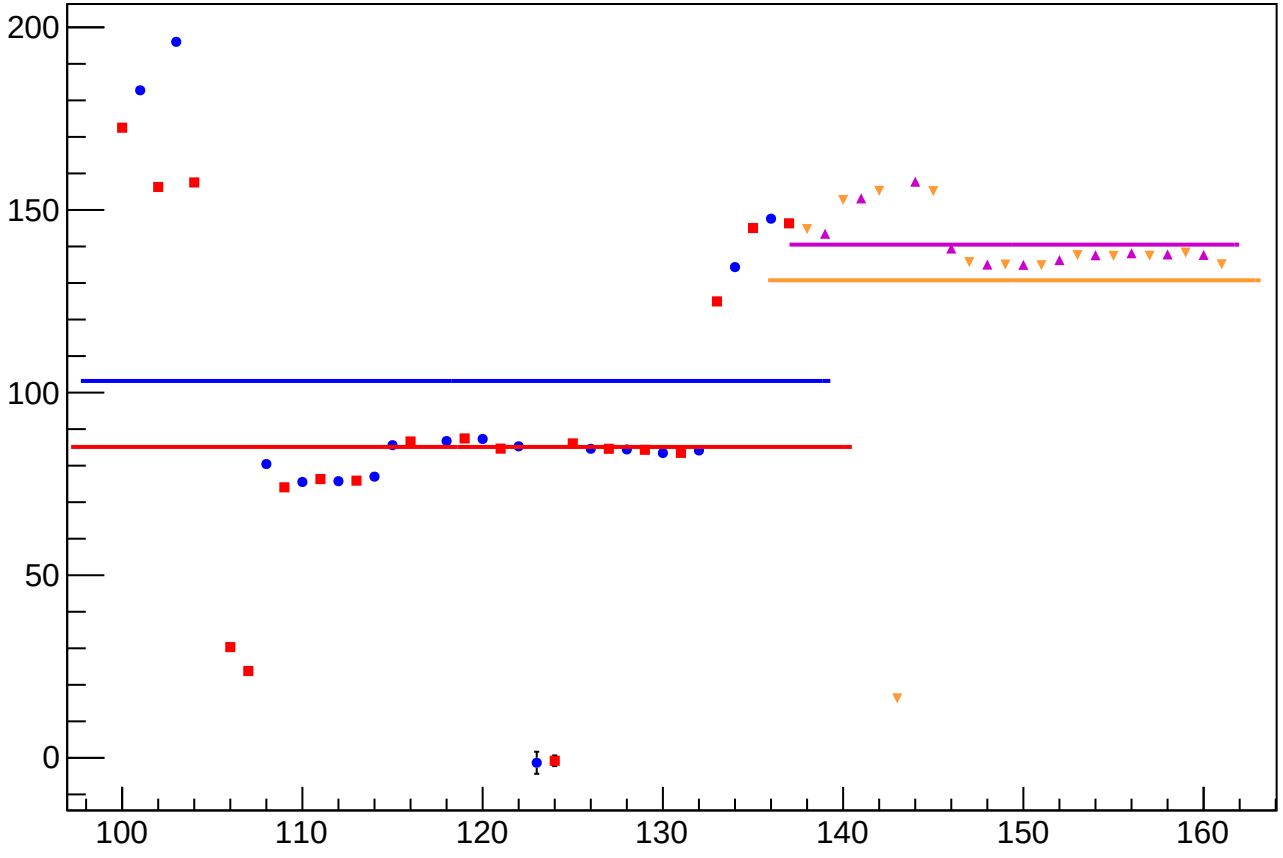
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -77.086+/-0.818 χ^2/NDF:777.7/27

Out: -72.041+/-0.790 χ^2/NDF:1186.6/31

All: -74.476+/-0.569 χ^2/NDF: 1984.0/59

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 130.746+/-0.059 χ^2/NDF:344326.1/12

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 140.509+/-0.061 χ^2/NDF:12511.2/10

Left: 135.448+/-0.043 χ^2/NDF: 369900.4/23

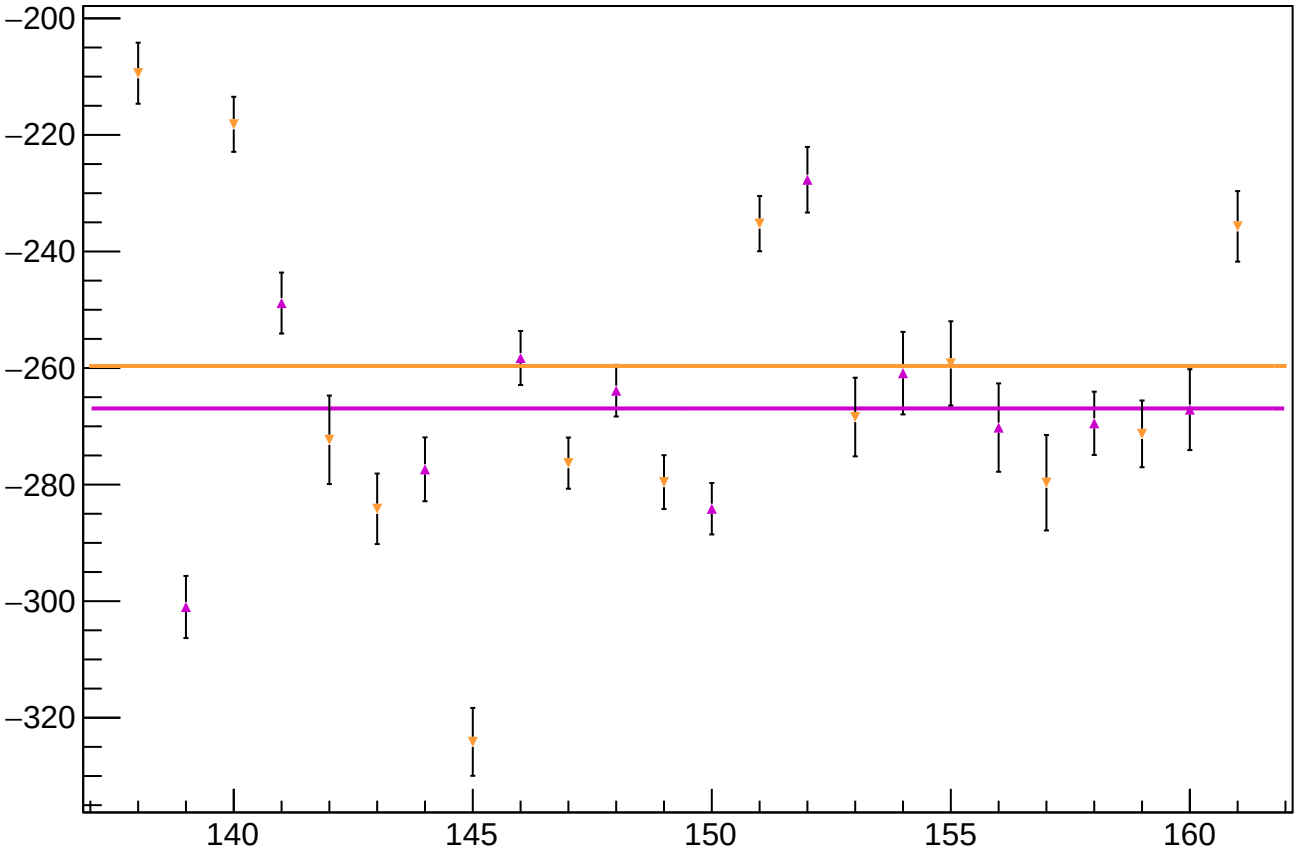
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 124.338+/-0.046 χ^2/NDF:445661.0/27

Out: 109.583+/-0.043 χ^2/NDF:1042675.6/31

All: 116.485+/-0.032 χ^2/NDF: 1542401.4/59

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: -259.645+/-1.557 χ^2/NDF:397.8/12

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

Left In: -266.933+/-1.627 χ^2/NDF:125.3/10

Left: -263.128+/-1.125 χ^2/NDF: 533.6/23

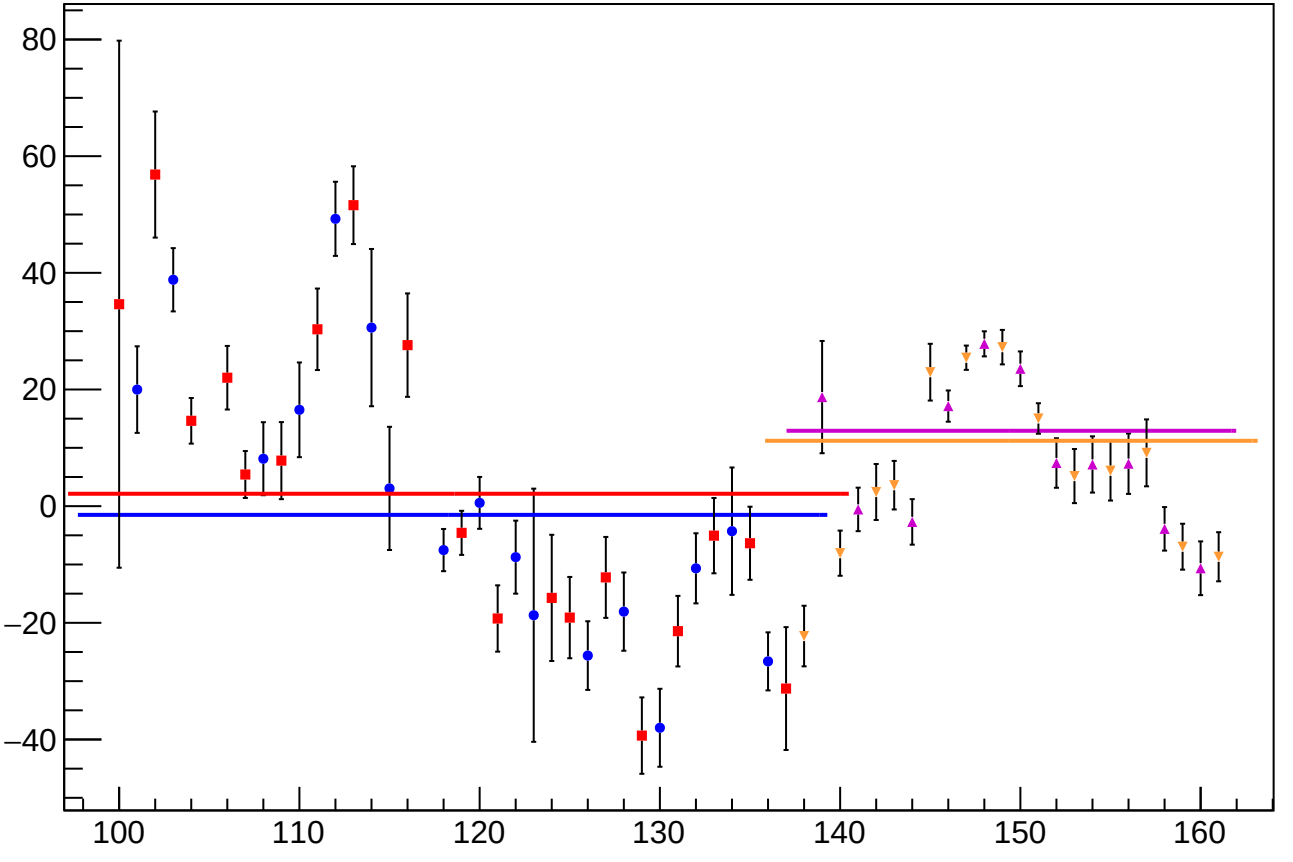
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -266.933+/-1.627 χ^2/NDF:125.3/10

Out: -259.645+/-1.557 χ^2/NDF:397.8/12

All: -263.128+/-1.125 χ^2/NDF: 533.6/23

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: 11.207+/-1.013 χ^2/NDF:203.7/12

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 12.924+/-1.071 χ^2/NDF:143.6/10

Left: 12.018+/-0.736 χ^2/NDF: 348.7/23

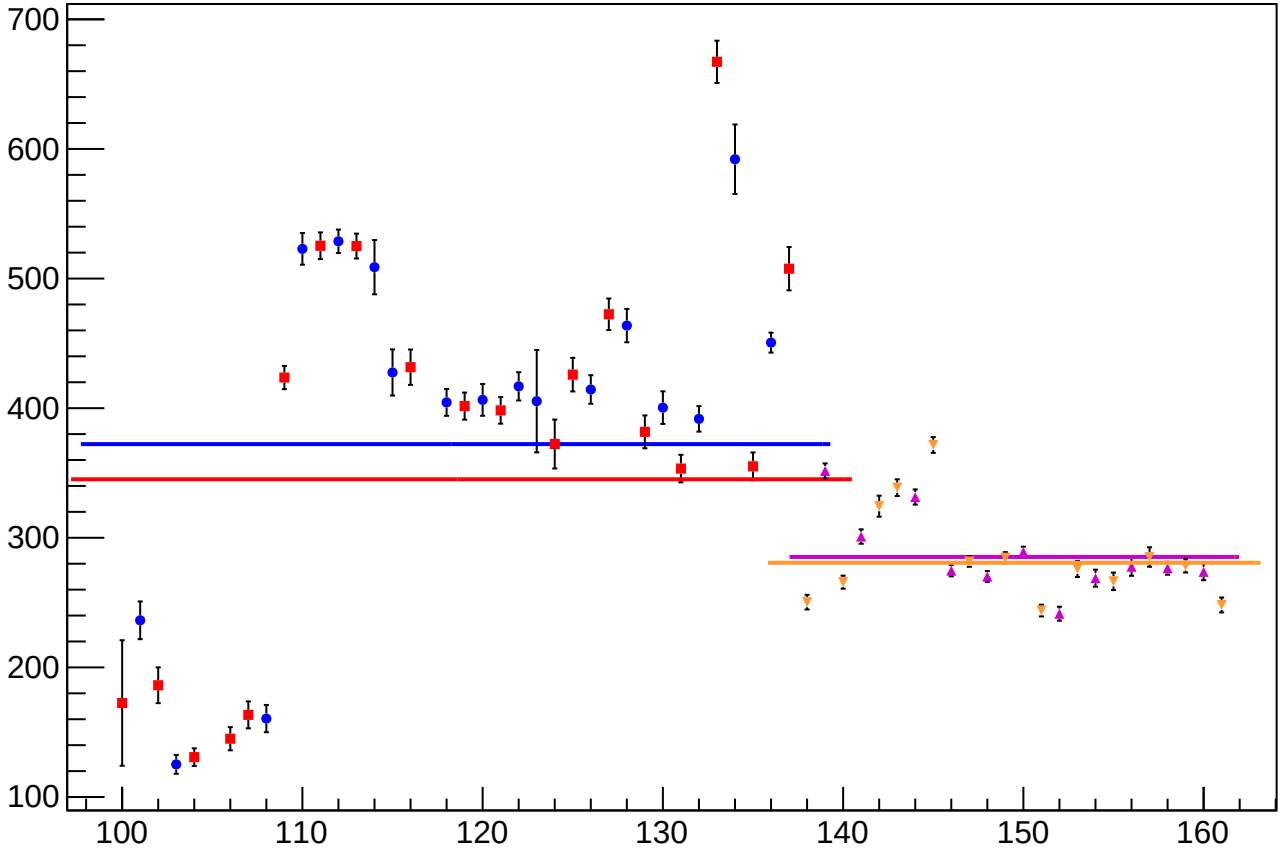
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 8.113+/-0.874 χ^2/NDF:430.2/27

Out: 8.094+/-0.821 χ^2/NDF:463.9/31

All: 8.103+/-0.598 χ^2/NDF: 894.1/59

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: 280.723+/-1.526 χ^2/NDF:473.0/12

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 285.211+/-1.579 χ^2/NDF:301.4/10

Left: 282.891+/-1.098 χ^2/NDF: 778.6/23

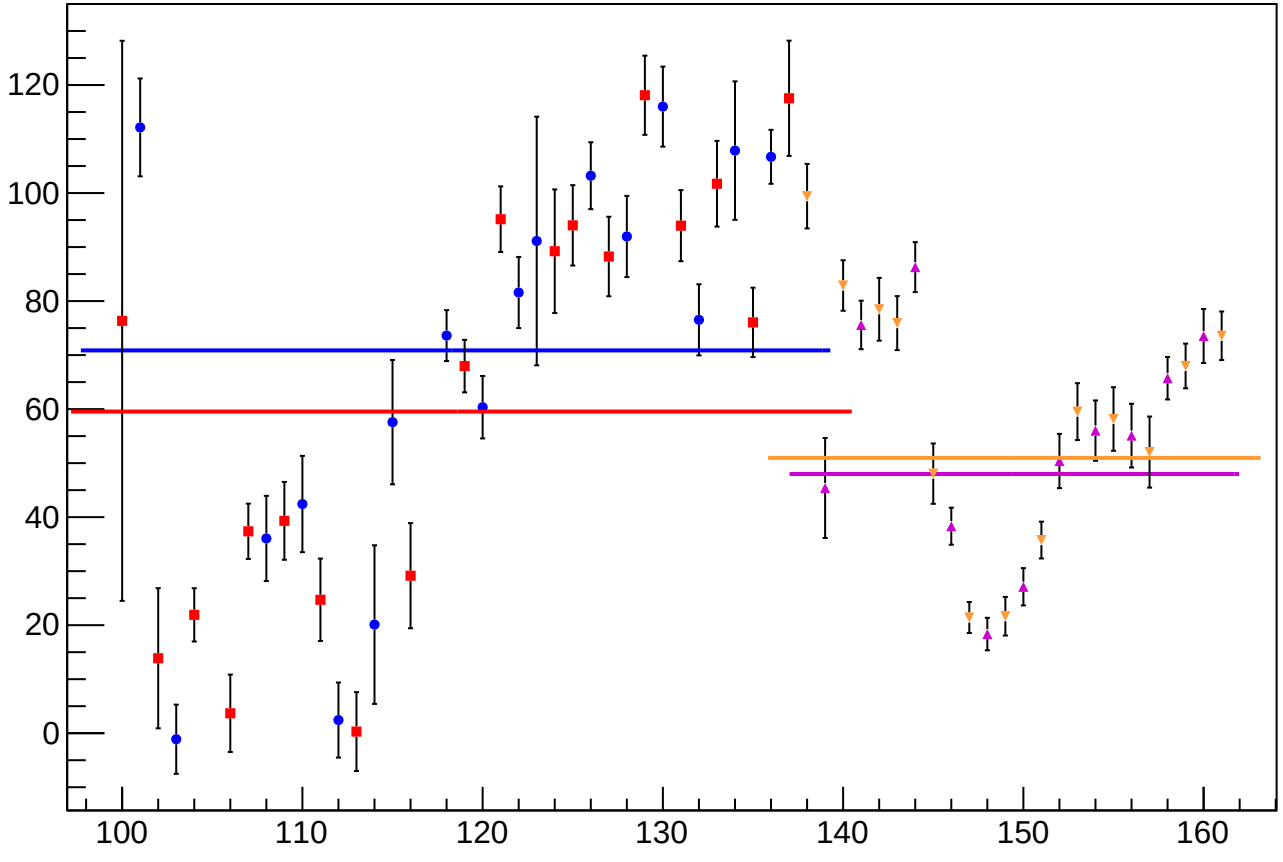
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 306.692+/-1.371 χ^2/NDF:3484.2/27

Out: 297.597+/-1.311 χ^2/NDF:4356.0/31

All: 301.943+/-0.948 χ^2/NDF: 7863.1/59

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: 50.970+/-1.233 χ^2/NDF:399.7/12

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 47.989+/-1.299 χ^2/NDF:298.2/10

Left: 49.557+/-0.894 χ^2/NDF: 700.6/23

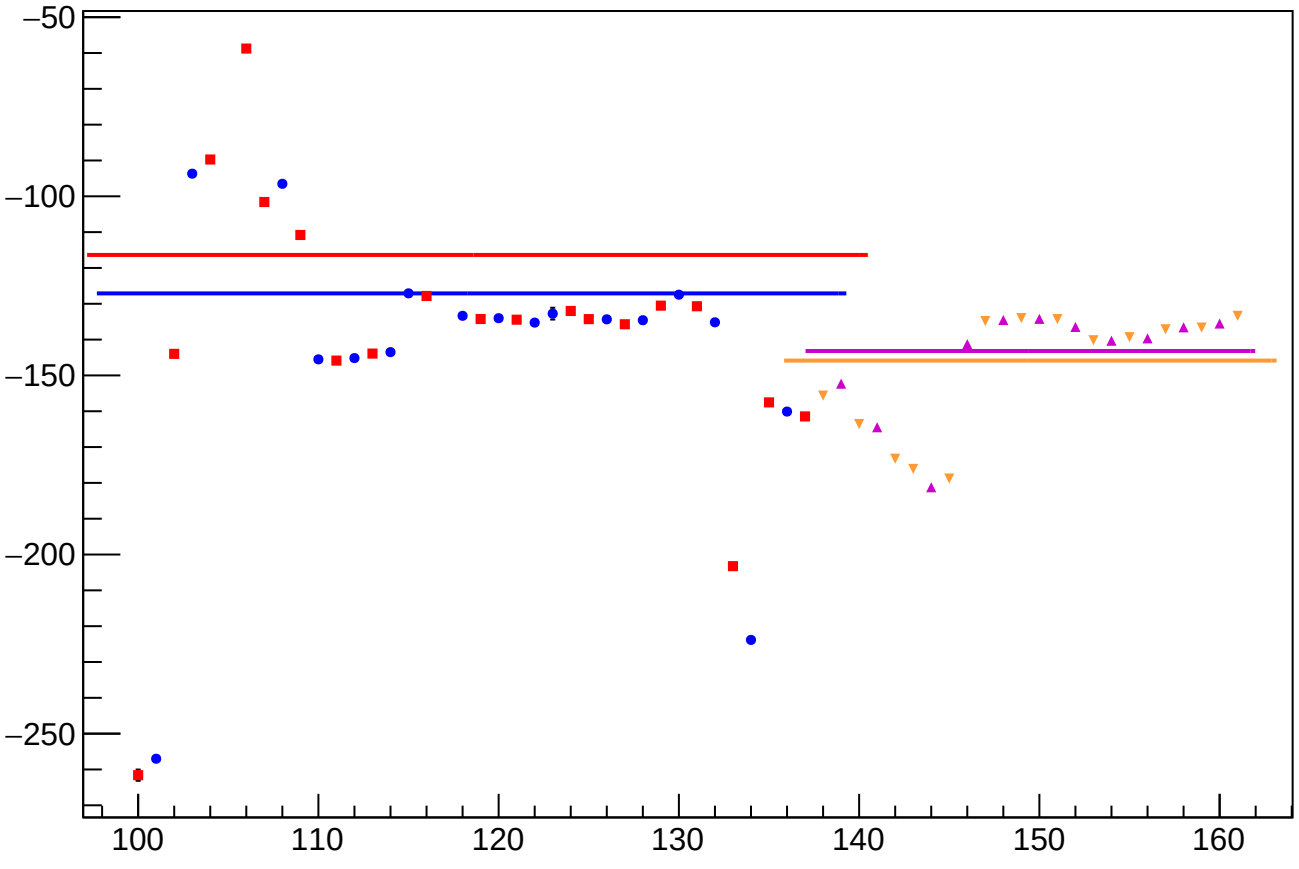
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 56.159+/-1.042 χ^2/NDF:835.9/27

Out: 54.085+/-0.984 χ^2/NDF:908.1/31

All: 55.063+/-0.715 χ^2/NDF: 1746.2/59

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -145.857+/-0.061 χ^2/NDF:66664.4/12

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -143.181+/-0.063 χ^2/NDF:41800.9/10

Left: -144.548+/-0.044 χ^2/NDF: 109396.8/23

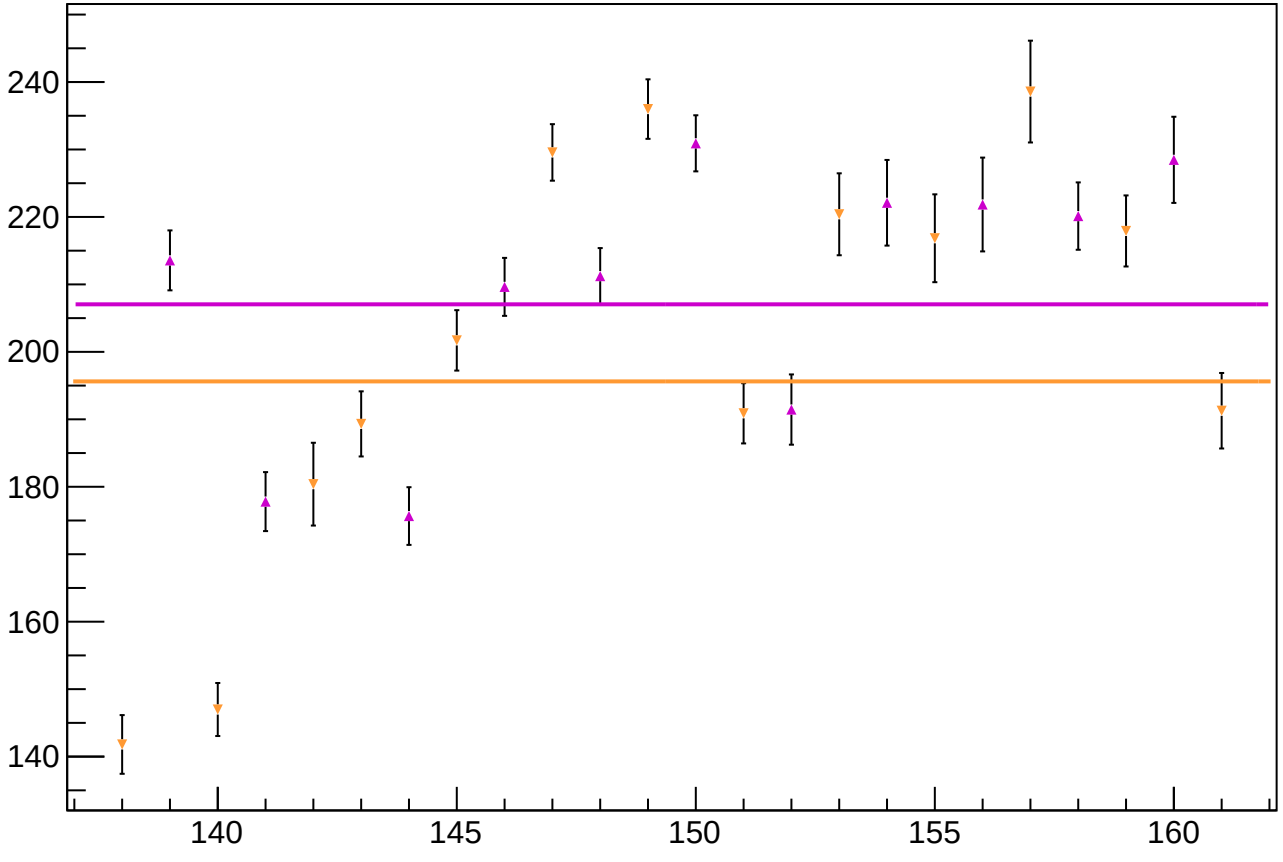
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -137.888+/-0.051 χ^2/NDF:230539.5/27

Out: -135.432+/-0.049 χ^2/NDF:316010.9/31

All: -136.611+/-0.036 χ^2/NDF: 547740.9/59

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: 195.621+/-1.372 χ^2/NDF:544.5/12

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

Left In: 207.047+/-1.452 χ^2/NDF:172.3/10

Left: 201.010+/-0.997 χ^2/NDF: 749.6/23

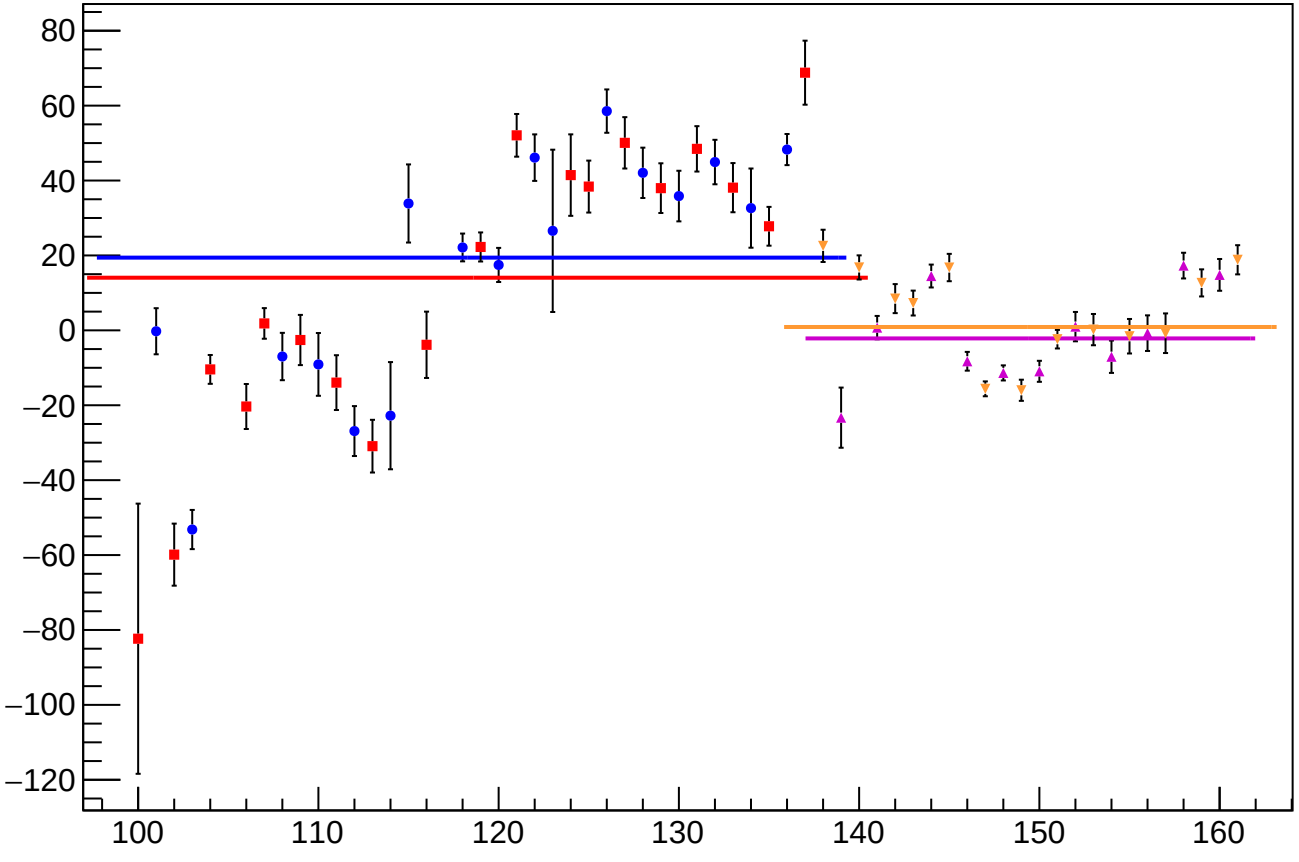
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 207.047+/-1.452 χ^2/NDF:172.3/10

Out: 195.621+/-1.372 χ^2/NDF:544.5/12

All: 201.010+/-0.997 χ^2/NDF: 749.6/23

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: 0.895+/-0.910 χ^2/NDF:215.0/12

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: -2.156+/-0.971 χ^2/NDF:124.2/10

Left: -0.532+/-0.664 χ^2/NDF: 344.5/23

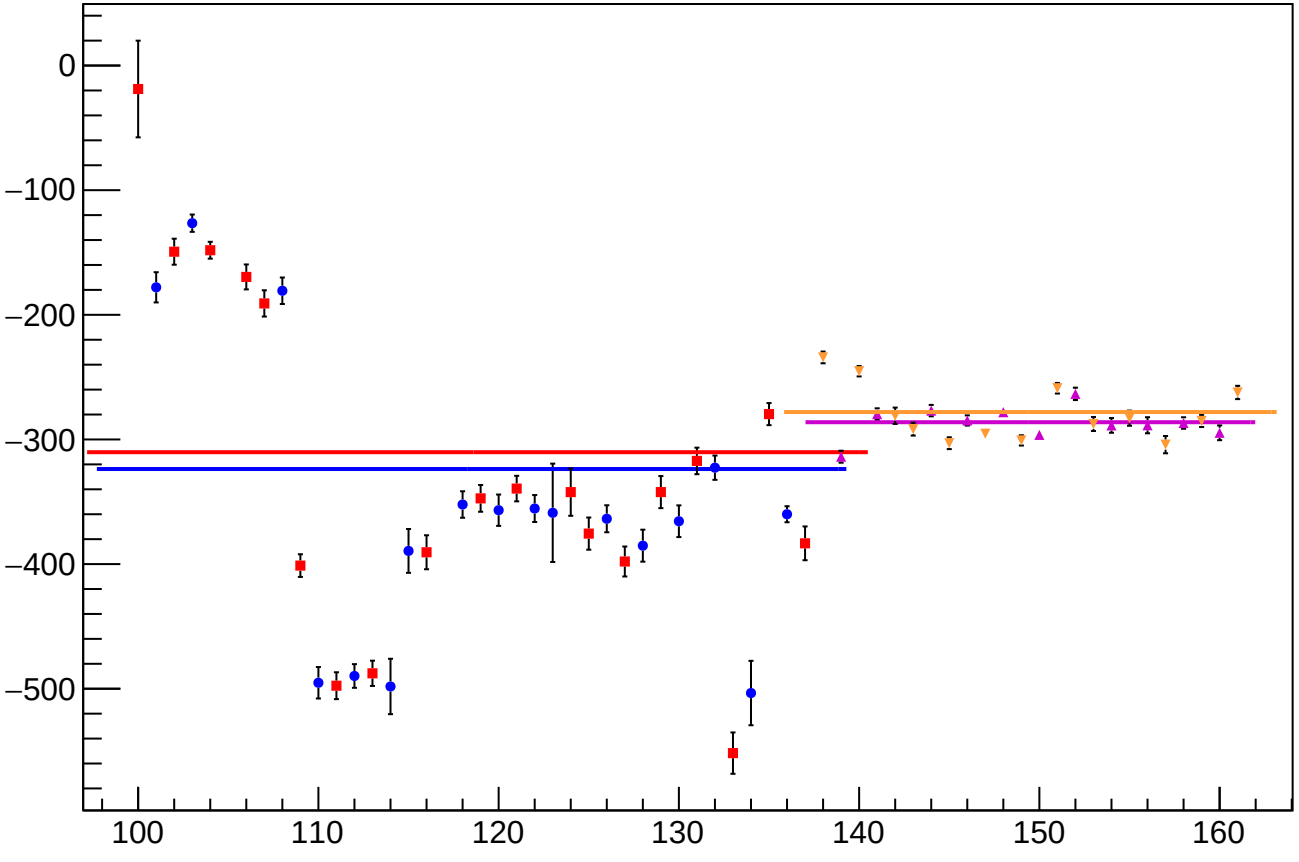
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 4.334+/-0.812 χ^2/NDF:713.9/27

Out: 4.837+/-0.762 χ^2/NDF:714.1/31

All: 4.602+/-0.555 χ^2/NDF: 1428.3/59

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: -278.006+/-1.357 χ^2/NDF:281.6/12

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -286.166+/-1.419 χ^2/NDF:73.7/10

Left: -281.905+/-0.981 χ^2/NDF: 372.5/23

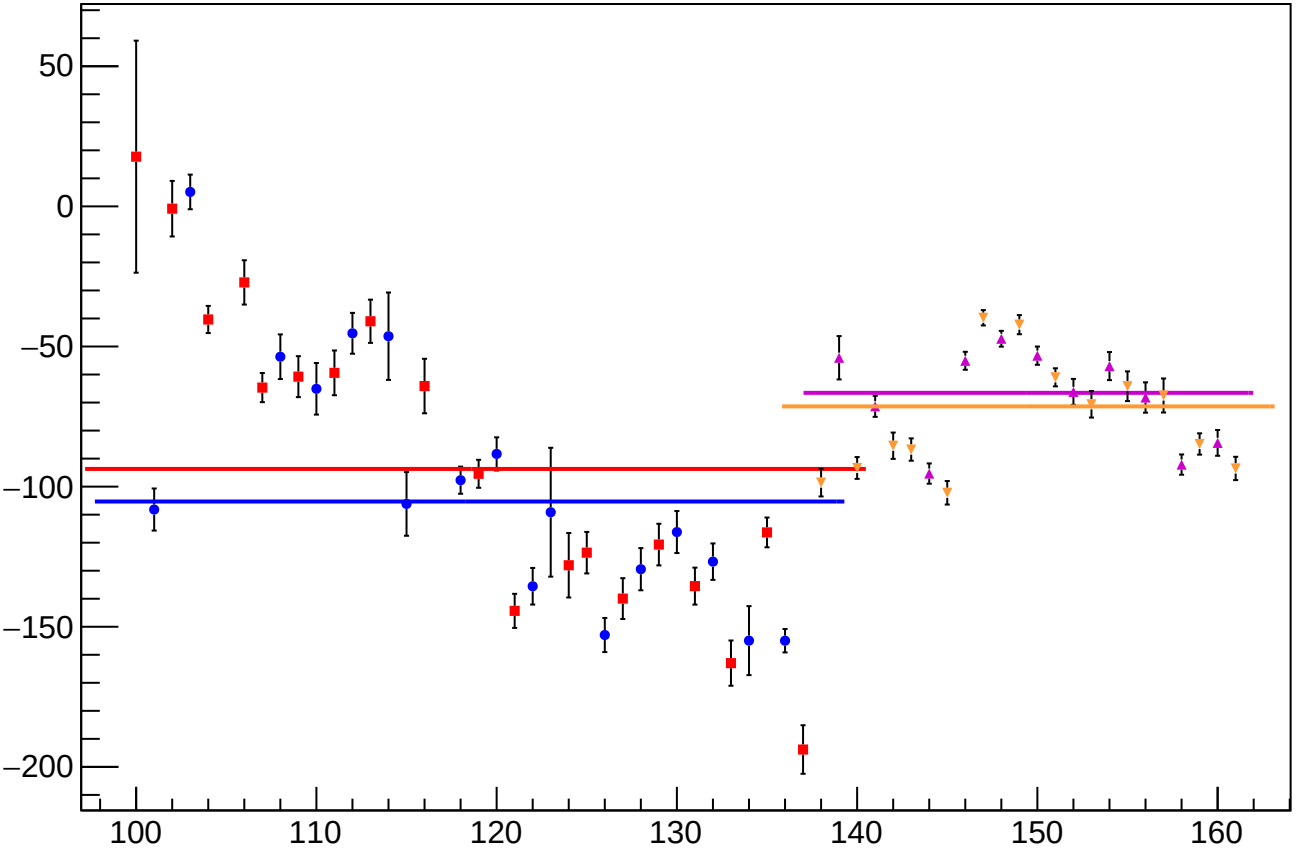
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -294.443+/-1.253 χ^2/NDF:2078.9/27

Out: -285.236+/-1.195 χ^2/NDF:2708.1/31

All: -289.624+/-0.865 χ^2/NDF: 4815.2/59

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: -71.373+/-1.103 χ^2/NDF:399.5/12

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -66.531+/-1.174 χ^2/NDF:212.6/10

Left: -69.102+/-0.804 χ^2/NDF: 621.1/23

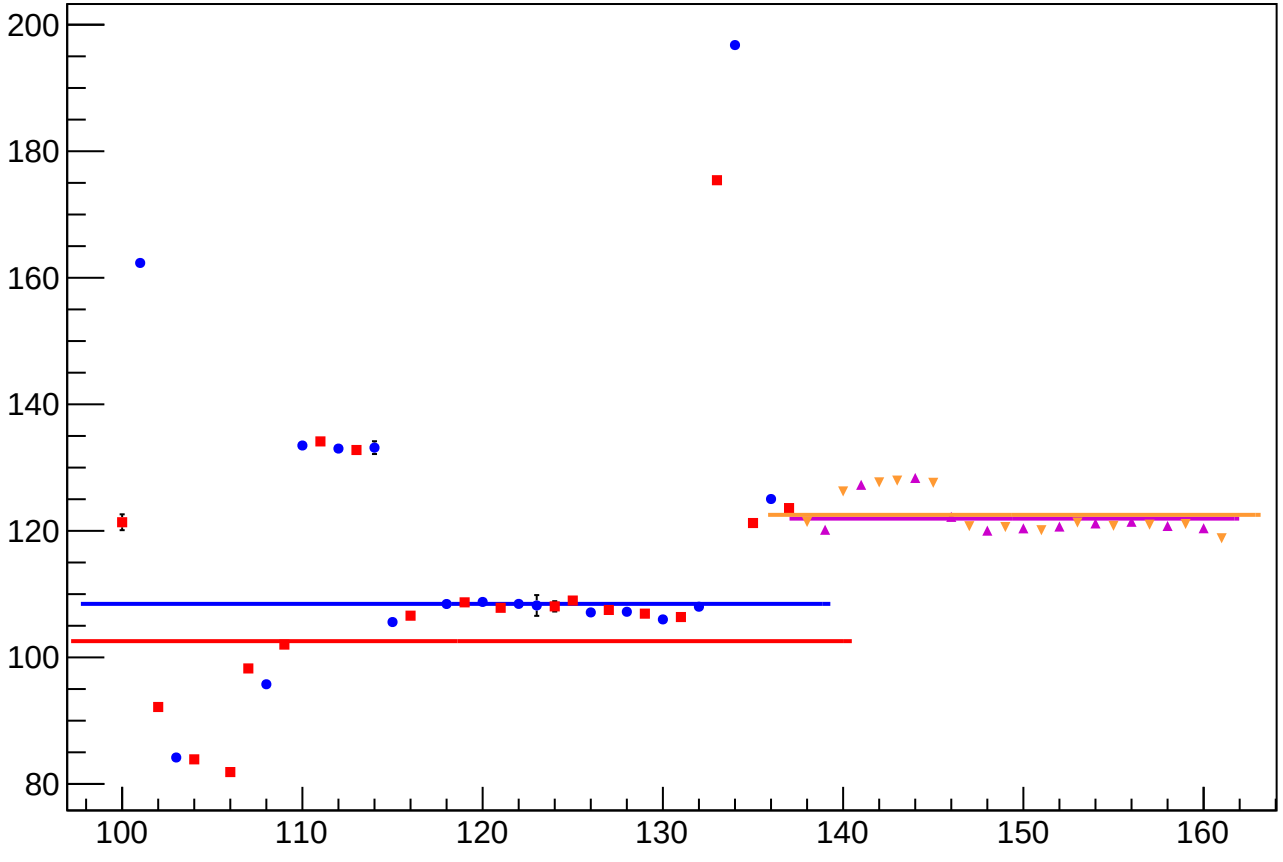
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -79.116+/-0.965 χ^2/NDF:1304.3/27

Out: -78.493+/-0.910 χ^2/NDF:1356.4/31

All: -78.786+/-0.662 χ^2/NDF: 2661.0/59

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: 122.532+/-0.054 χ^2/NDF:3193.4/12

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 121.935+/-0.056 χ^2/NDF:2326.1/10

Left: 122.244+/-0.039 χ^2/NDF: 5577.7/23

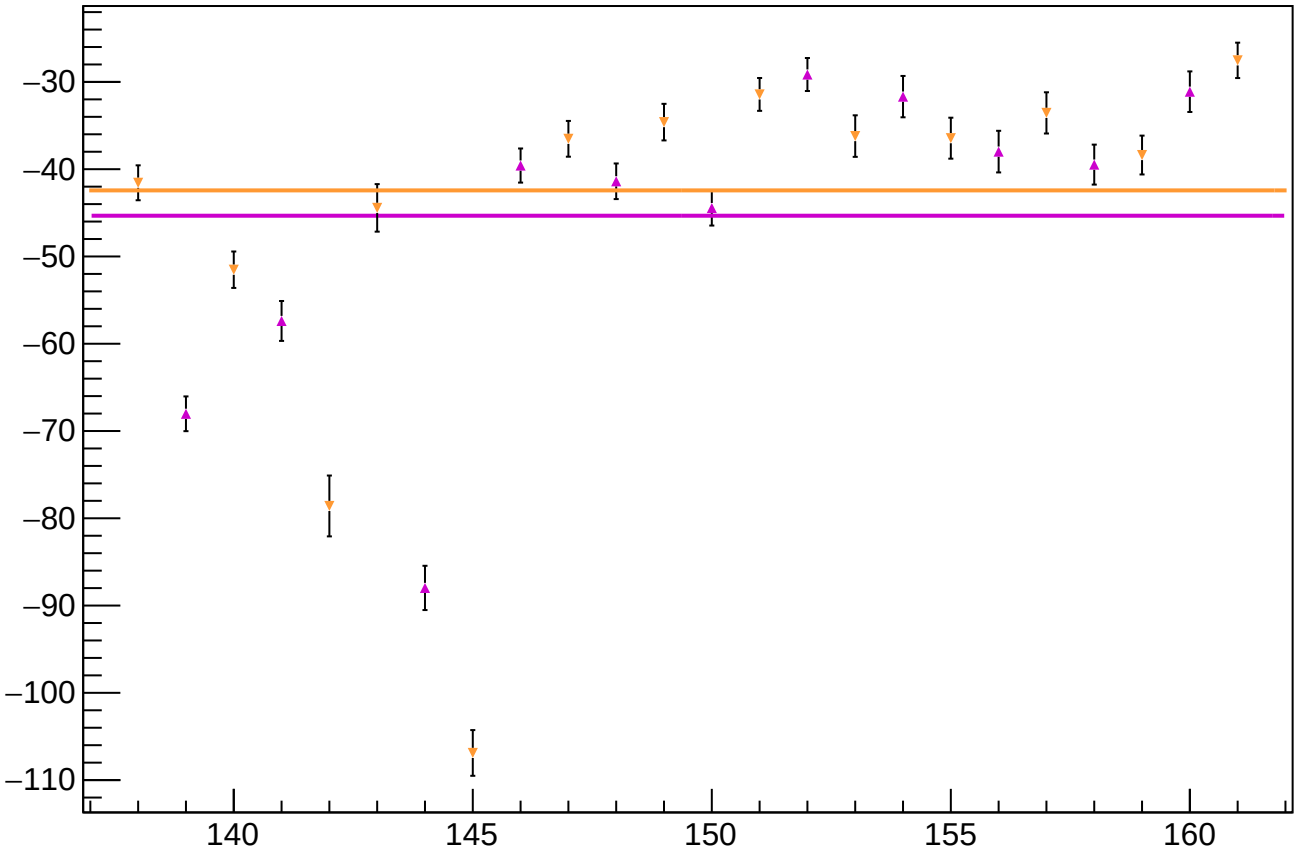
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 117.816+/-0.047 χ^2/NDF:93192.6/27

Out: 116.164+/-0.045 χ^2/NDF:99316.4/31

All: 116.955+/-0.032 χ^2/NDF: 193157.8/59

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: -42.429+/-0.623 χ^2/NDF:874.2/12

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

Left In: -45.331+/-0.651 χ^2/NDF:613.2/10

Left: -43.817+/-0.450 χ^2/NDF: 1497.8/23

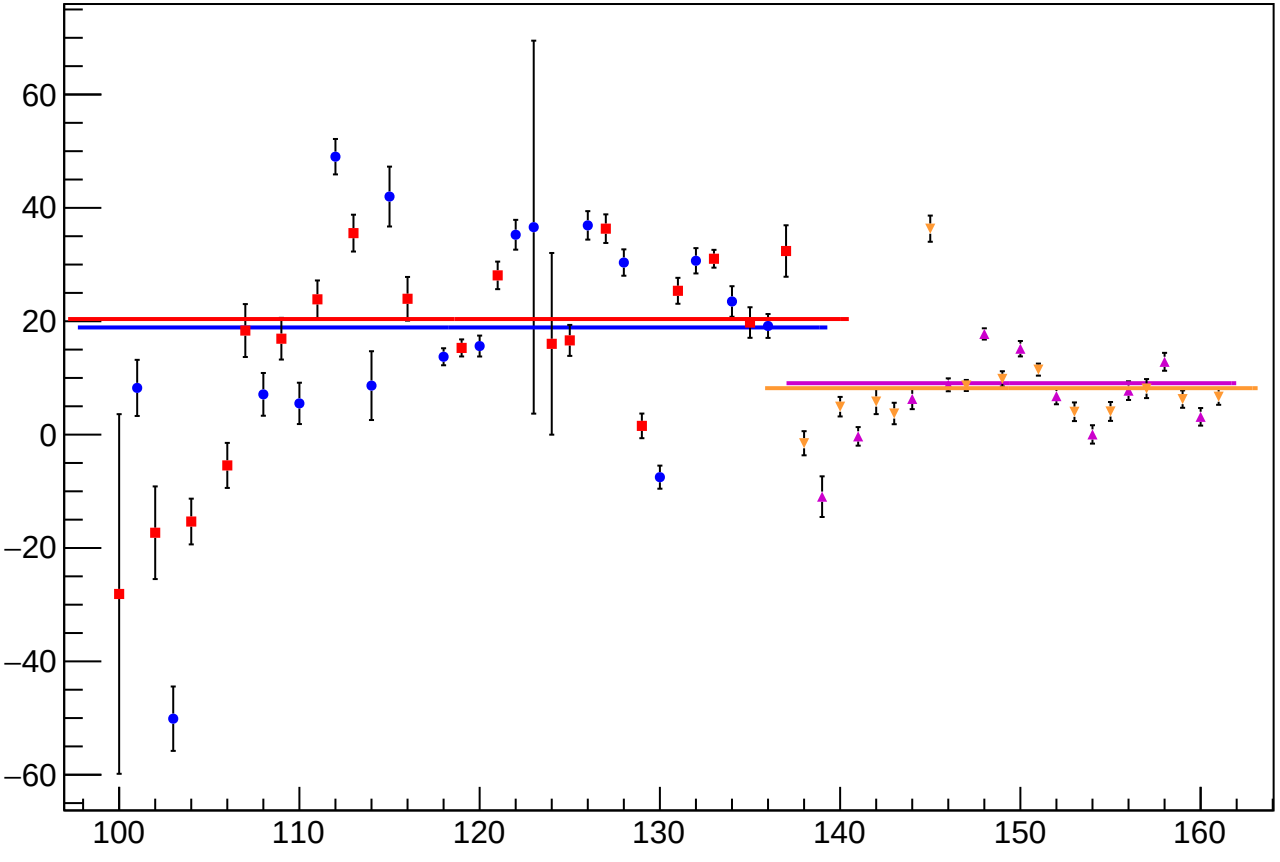
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -45.331+/-0.651 χ^2/NDF:613.2/10

Out: -42.429+/-0.623 χ^2/NDF:874.2/12

All: -43.817+/-0.450 χ^2/NDF: 1497.8/23

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 8.194+/-0.418 χ^2/NDF:205.7/12

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 9.072+/-0.441 χ^2/NDF:217.6/10

Left: 8.610+/-0.304 χ^2/NDF: 425.4/23

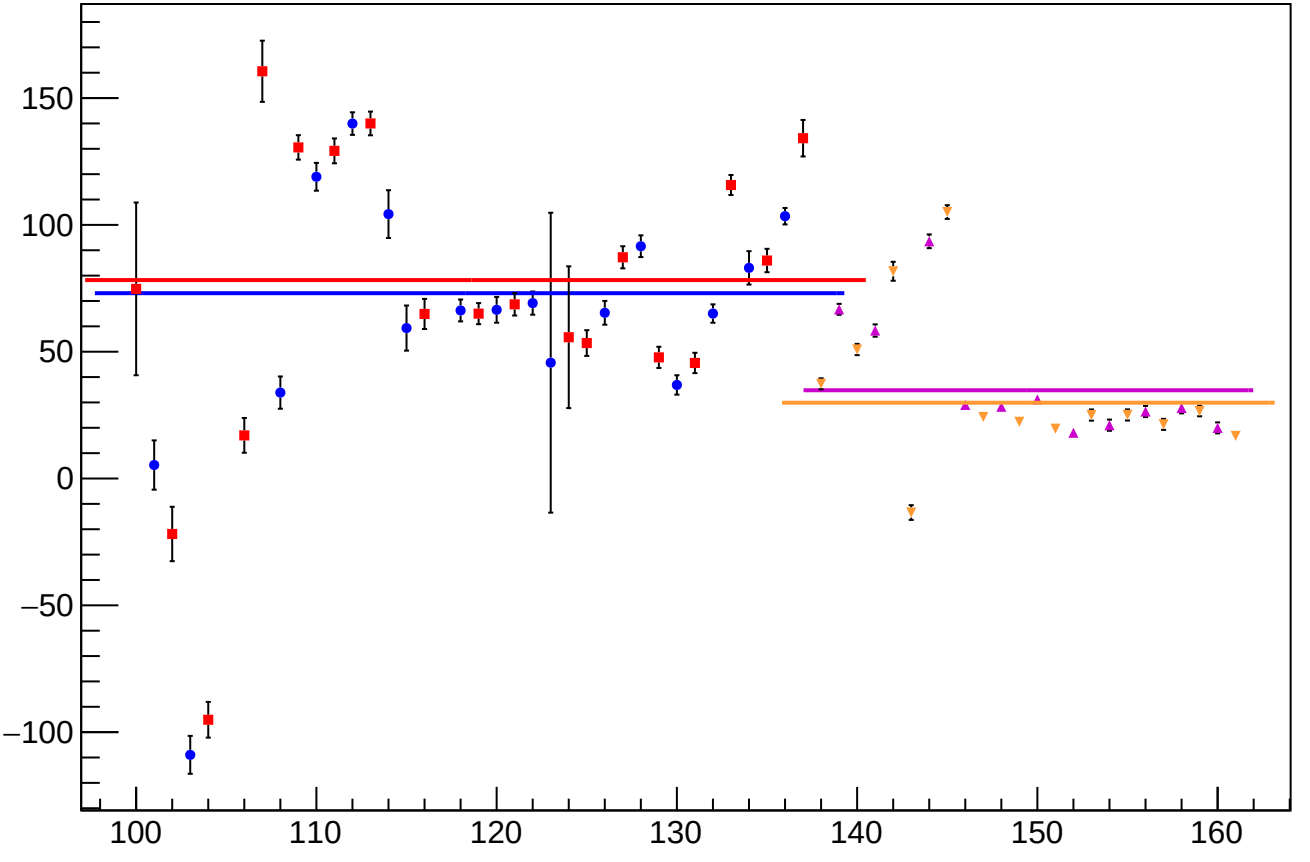
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 12.217+/-0.364 χ^2/NDF:995.4/27

Out: 11.816+/-0.351 χ^2/NDF:823.3/31

All: 12.009+/-0.253 χ^2/NDF: 1819.3/59

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: 29.893+/-0.608 χ^2/NDF:1417.5/12

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 34.802+/-0.630 χ^2/NDF:1004.0/10

Left: 32.257+/-0.437 χ^2/NDF: 2452.9/23

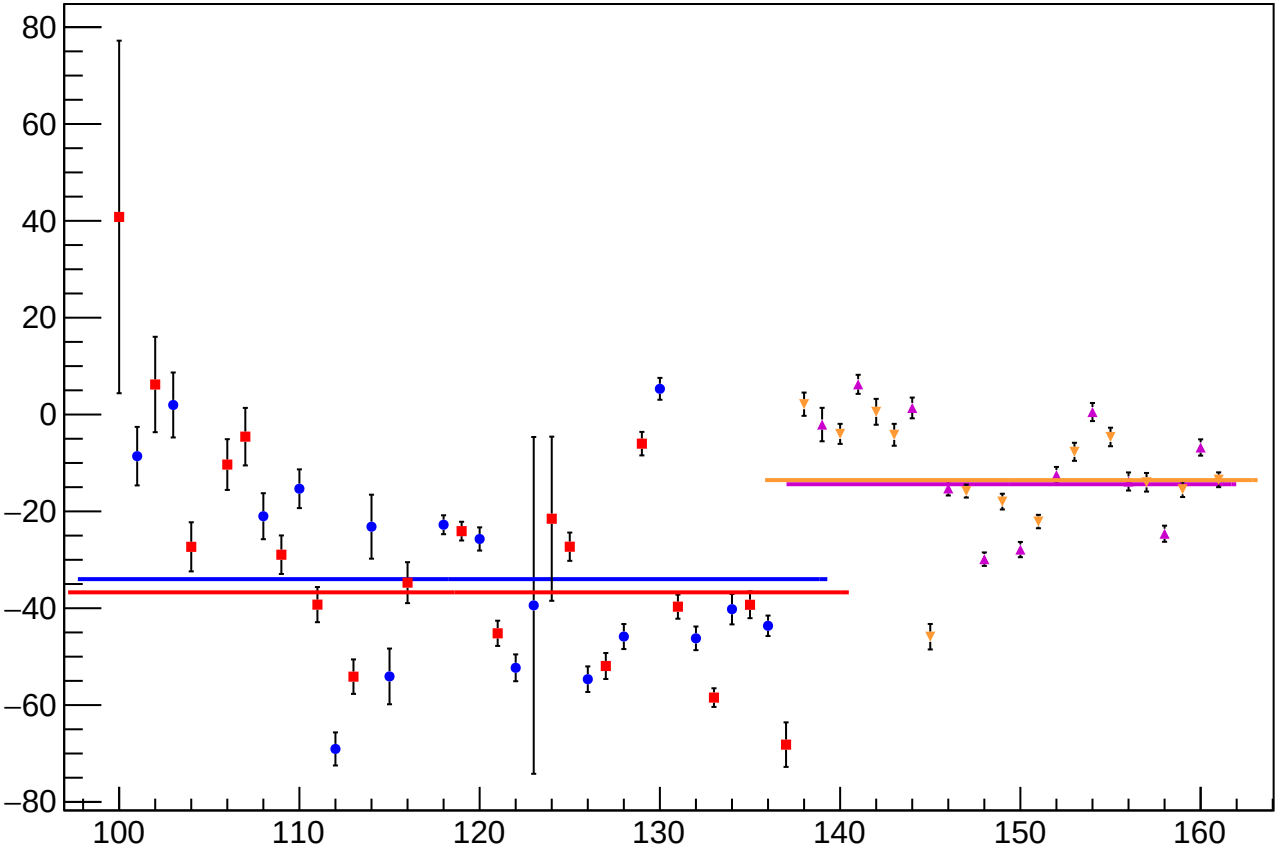
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 42.785+/-0.561 χ^2/NDF:2972.8/27

Out: 39.471+/-0.544 χ^2/NDF:4214.2/31

All: 41.078+/-0.391 χ^2/NDF: 7205.0/59

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: -13.545+/-0.501 χ^2/NDF:341.3/12

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -14.392+/-0.528 χ^2/NDF:497.7/10

Left: -13.946+/-0.363 χ^2/NDF: 840.4/23

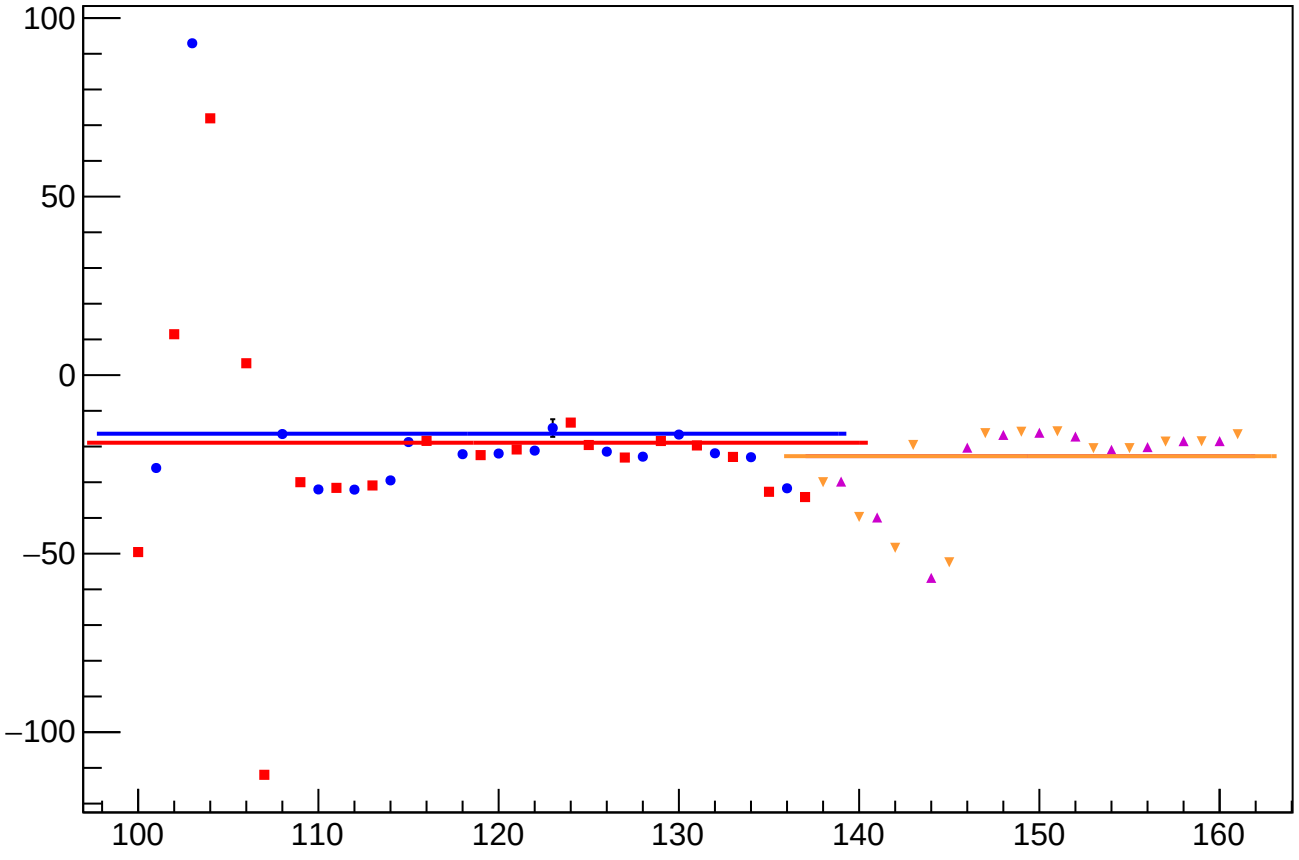
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -21.049+/-0.429 χ^2/NDF:1685.5/27

Out: -20.870+/-0.414 χ^2/NDF:1560.8/31

All: -20.956+/-0.298 χ^2/NDF: 3246.3/59

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -22.699+/-0.024 χ^2/NDF:180251.2/12

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -22.680+/-0.024 χ^2/NDF:147790.0/10

Left: -22.689+/-0.017 χ^2/NDF: 328041.5/23

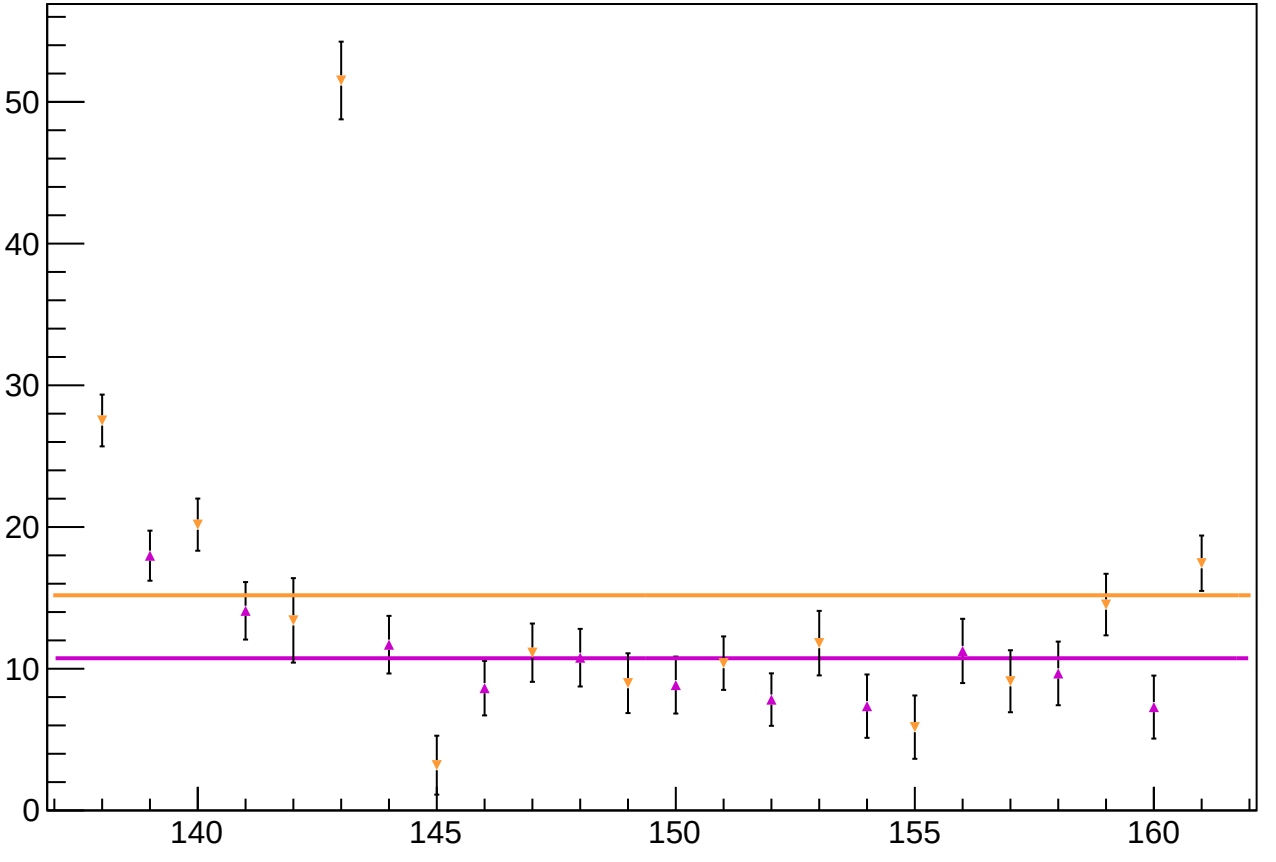
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -21.218+/-0.021 χ^2/NDF:637446.4/27

Out: -21.886+/-0.021 χ^2/NDF:619833.3/31

All: -21.559+/-0.015 χ^2/NDF: 1257774.7/59

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: 15.185+/-0.588 χ^2/NDF:309.8/12

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

Left In: 10.740+/-0.614 χ^2/NDF:29.3/10

Left: 13.058+/-0.425 χ^2/NDF: 366.3/23

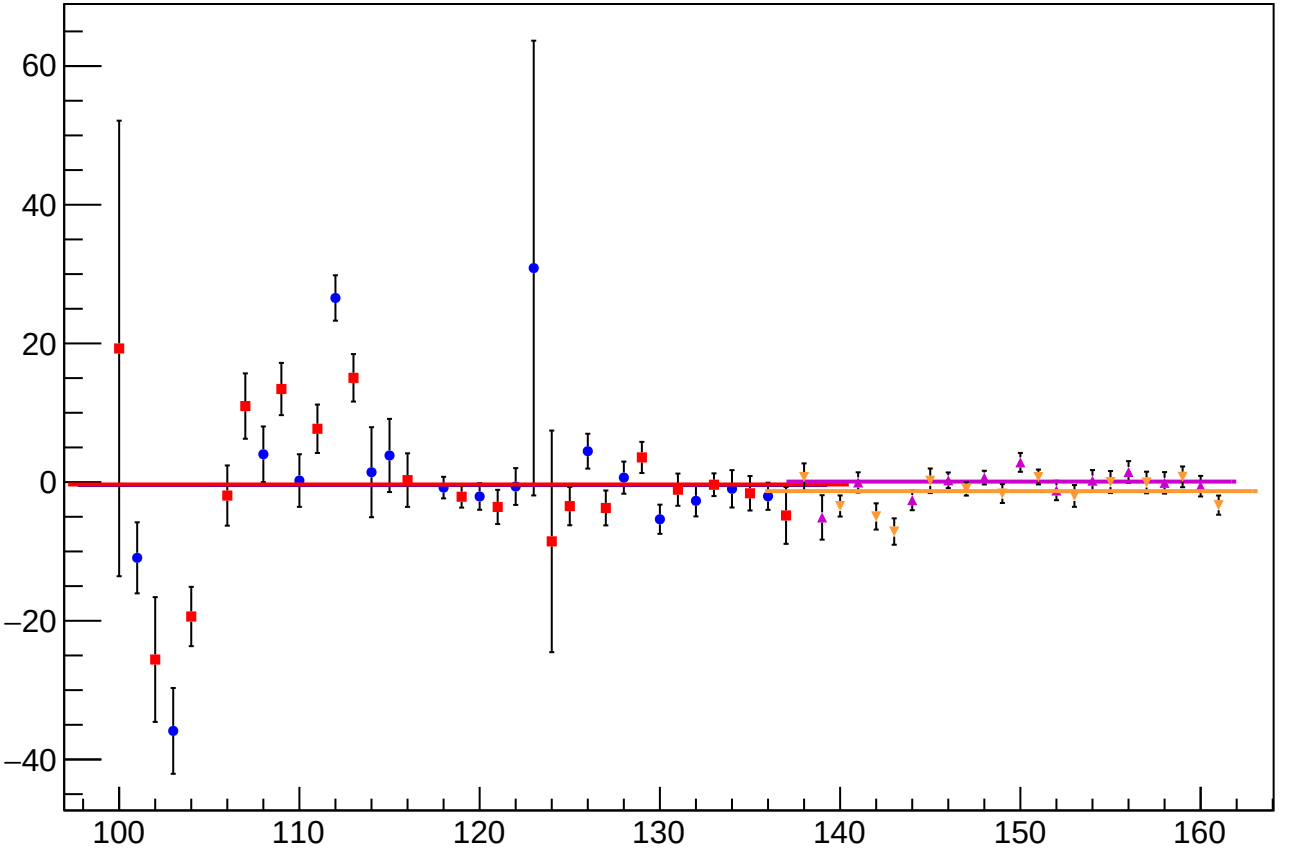
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.740+/-0.614 χ^2/NDF:29.3/10

Out: 15.185+/-0.588 χ^2/NDF:309.8/12

All: 13.058+/-0.425 χ^2/NDF: 366.3/23

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: -1.300+/-0.401 χ^2/NDF:26.2/12

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: 0.075+/-0.423 χ^2/NDF:12.3/10

Left: -0.648+/-0.291 χ^2/NDF: 44.1/23

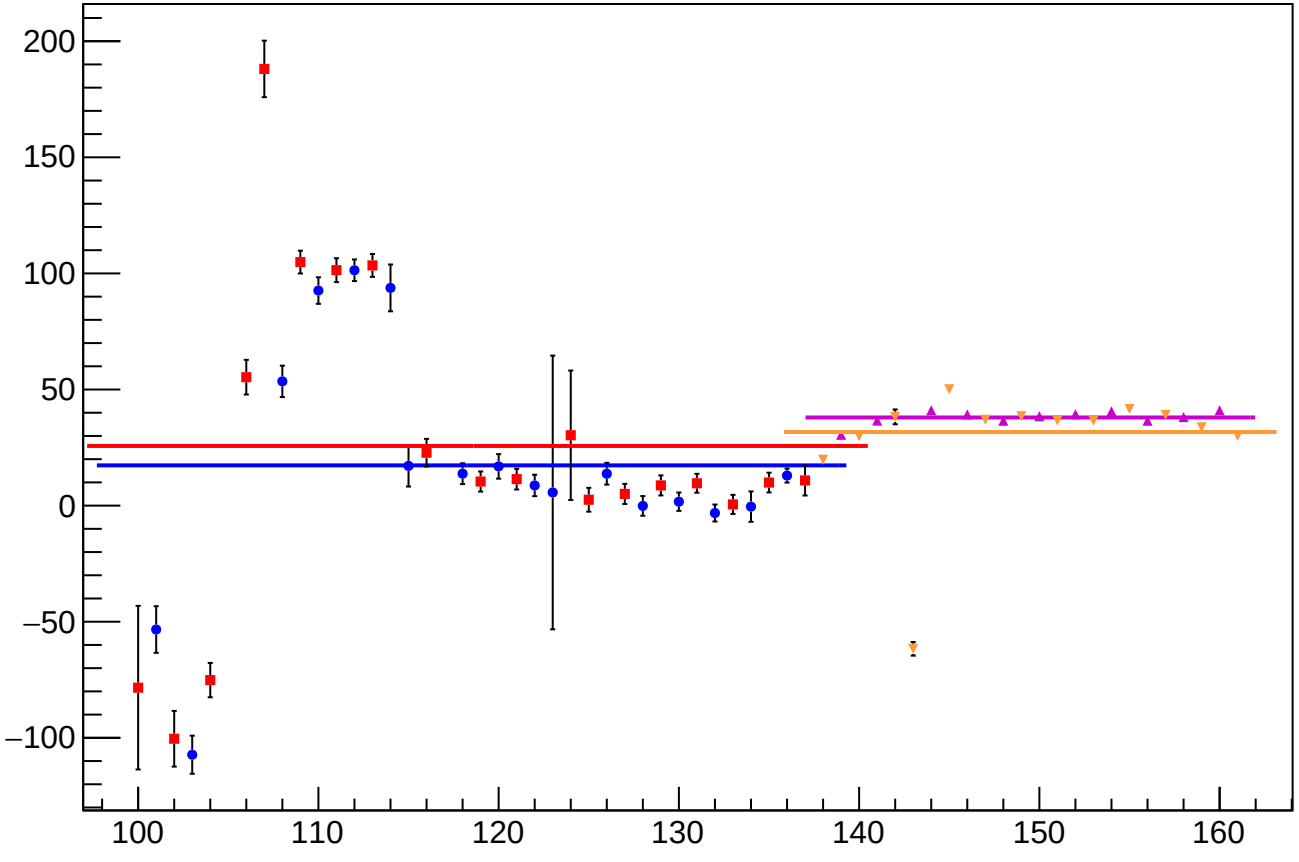
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.069+/-0.355 χ^2/NDF:132.7/27

Out: -1.040+/-0.343 χ^2/NDF:111.5/31

All: -0.572+/-0.246 χ^2/NDF: 248.0/59

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: 31.699+/-0.577 χ^2/NDF:1200.8/12

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 37.956+/-0.598 χ^2/NDF:23.7/10

Left: 34.712+/-0.415 χ^2/NDF: 1281.2/23

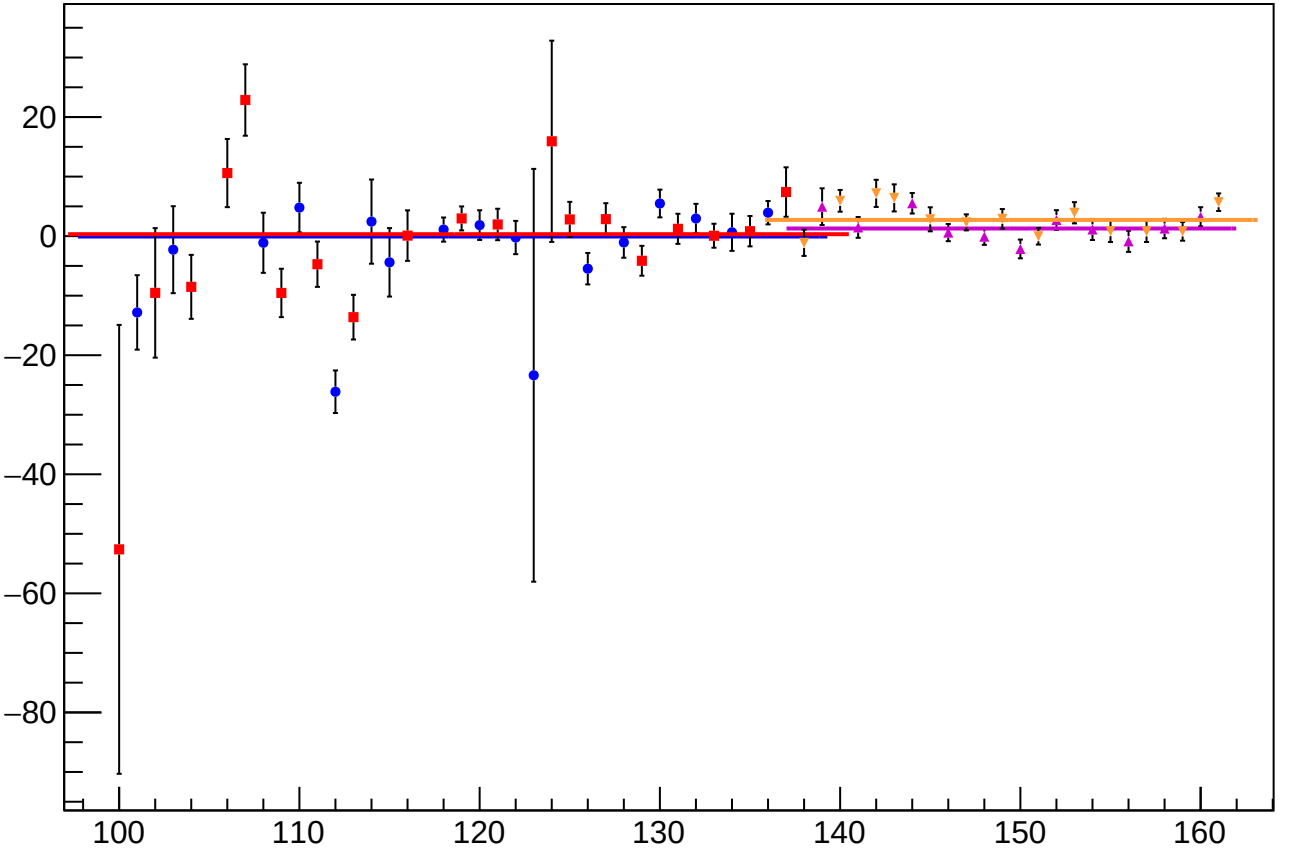
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 34.056+/-0.539 χ^2/NDF:1191.7/27

Out: 30.636+/-0.523 χ^2/NDF:2599.1/31

All: 32.296+/-0.375 χ^2/NDF: 3811.5/59

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: 2.724+/-0.479 χ^2/NDF:24.8/12

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 1.283+/-0.504 χ^2/NDF:17.1/10

Left: 2.041+/-0.347 χ^2/NDF: 46.2/23

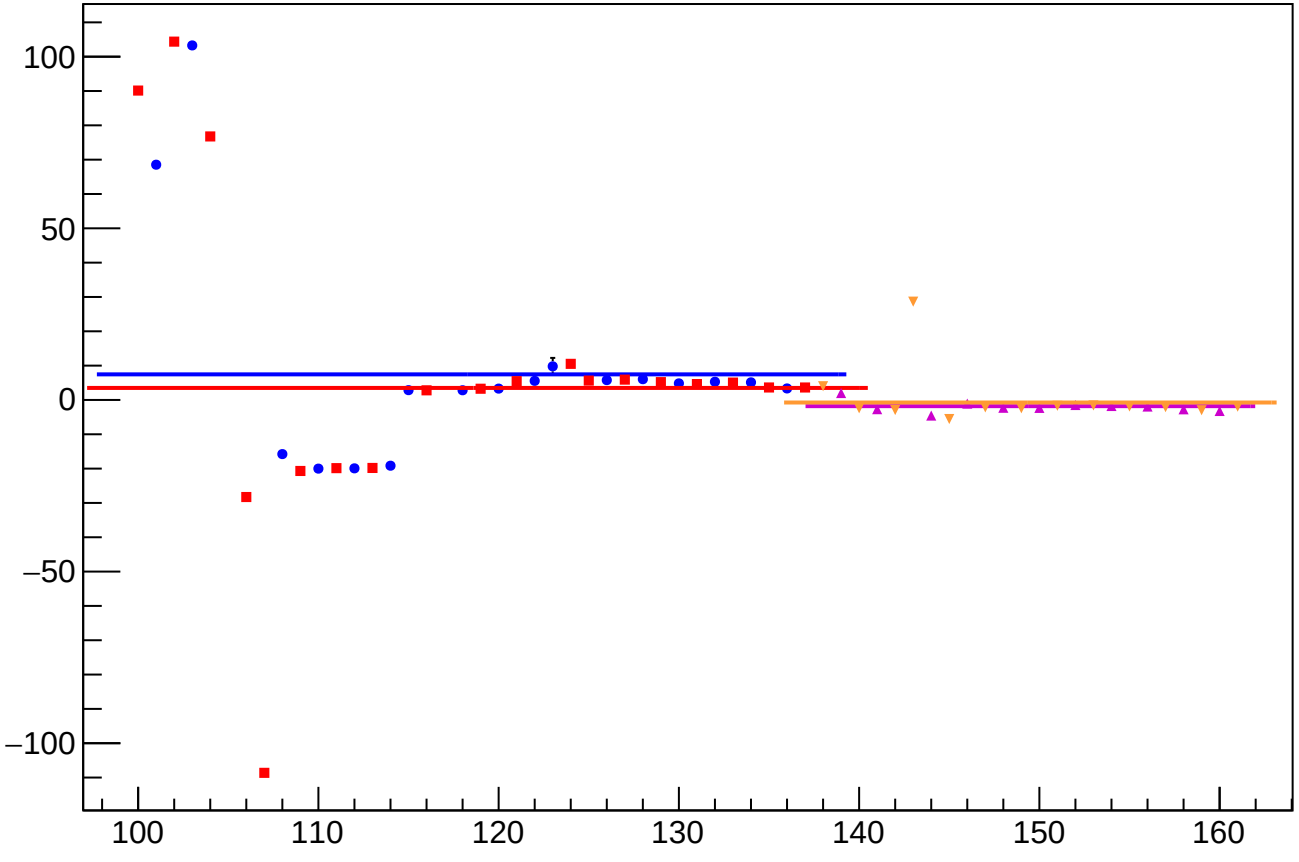
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 0.860+/-0.417 χ^2/NDF:95.9/27

Out: 2.030+/-0.403 χ^2/NDF:87.2/31

All: 1.465+/-0.290 χ^2/NDF: 187.1/59

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: -0.744+/-0.022 χ^2/NDF:73444.4/12

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -1.807+/-0.023 χ^2/NDF:4801.1/10

Left: -1.258+/-0.016 χ^2/NDF: 79329.0/23

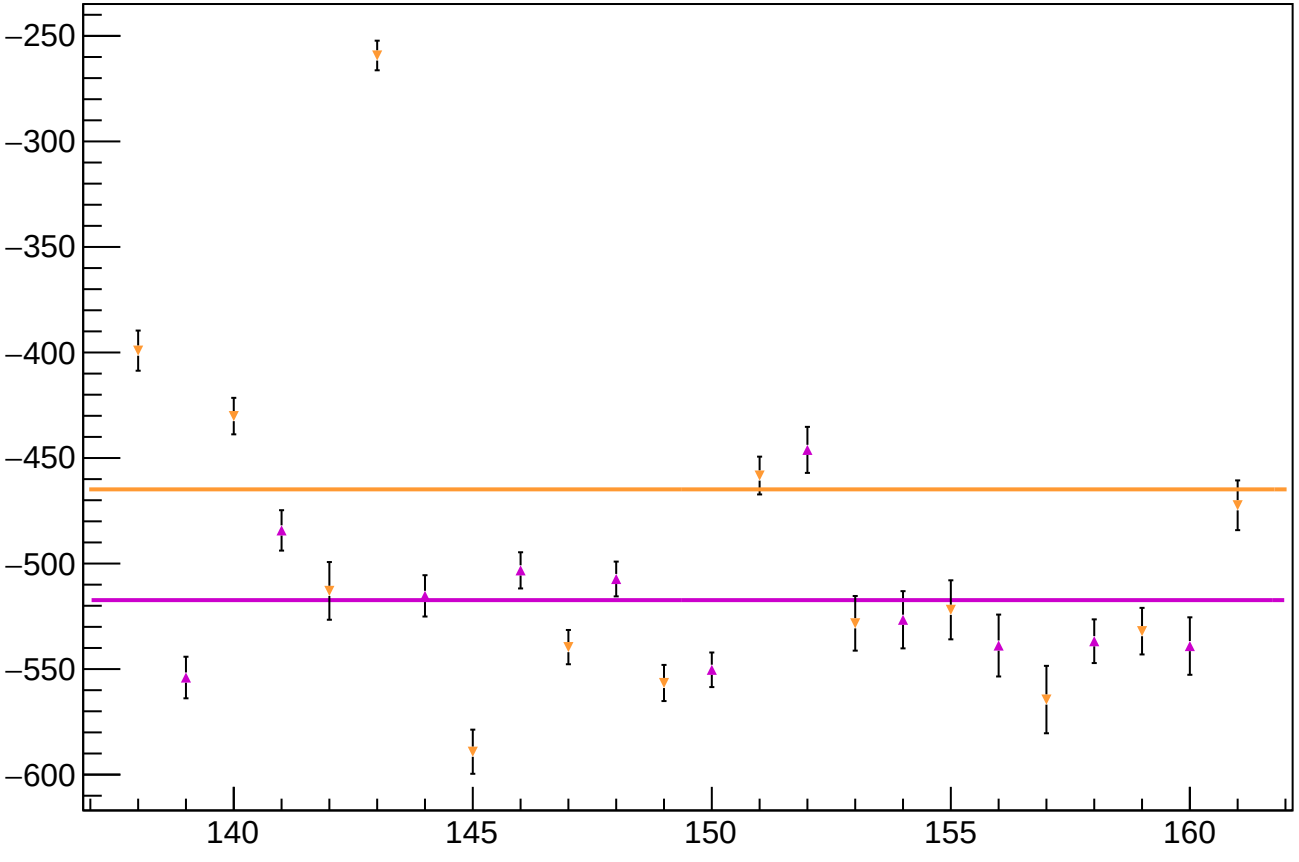
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 0.178+/-0.021 χ^2/NDF:395002.3/27

Out: 0.086+/-0.020 χ^2/NDF:591017.1/31

All: 0.131+/-0.014 χ^2/NDF: 986029.7/59

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: -464.853+/-2.764 χ^2/NDF:1392.6/12

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

Left In: -517.328+/-3.041 χ^2/NDF:97.5/10

Left: -488.583+/-2.045 χ^2/NDF: 1653.2/23

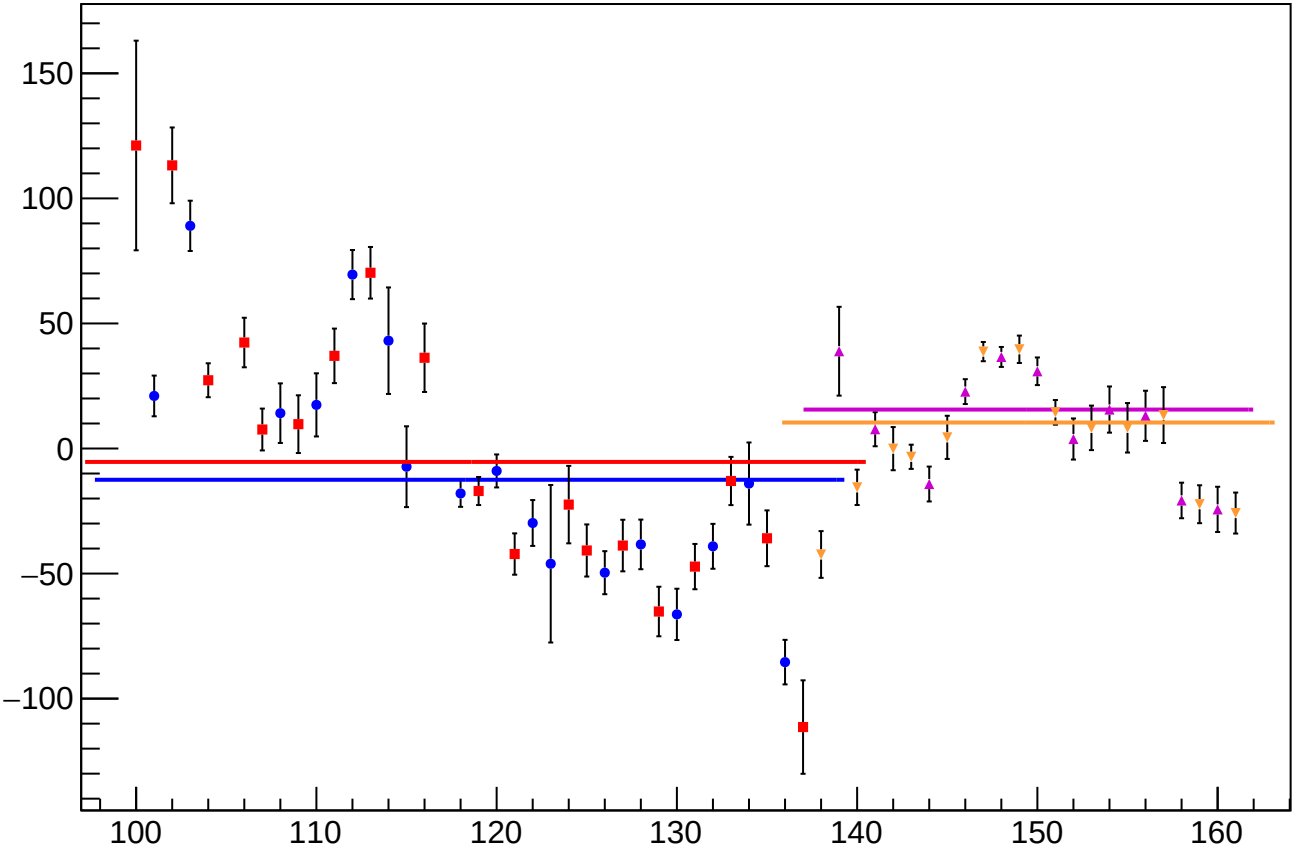
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -517.328+/-3.041 χ^2/NDF:97.5/10

Out: -464.853+/-2.764 χ^2/NDF:1392.6/12

All: -488.583+/-2.045 χ^2/NDF: 1653.2/23

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: 10.387+/-1.807 χ^2/NDF:177.2/12

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 15.567+/-2.001 χ^2/NDF:106.5/10

Left: 12.713+/-1.341 χ^2/NDF: 287.4/23

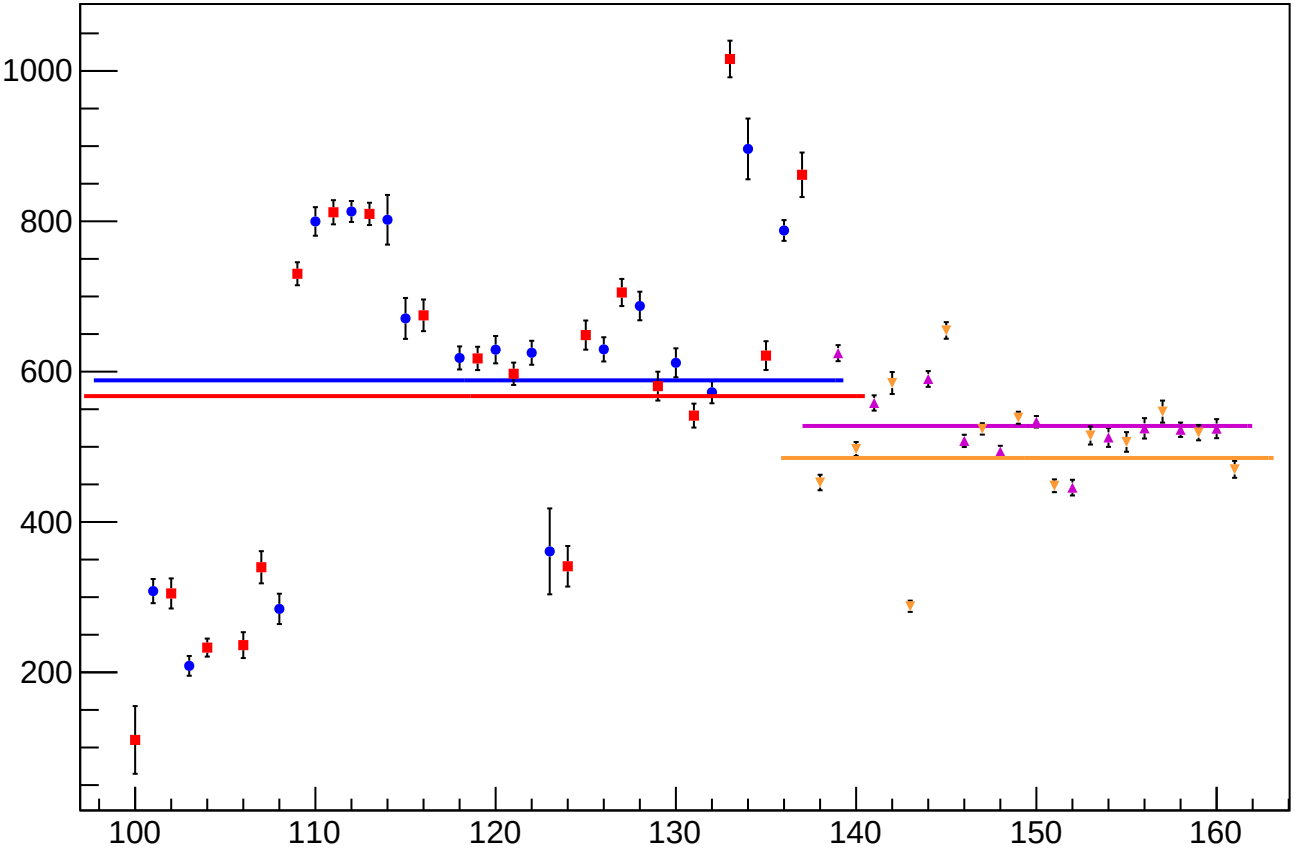
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: 3.541+/-1.513 χ^2/NDF:531.9/27

Out: 4.260+/-1.412 χ^2/NDF:551.3/31

All: 3.925+/-1.032 χ^2/NDF: 1083.3/59

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: 485.168+/-2.736 χ^2/NDF:1117.4/12

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 527.761+/-2.958 χ^2/NDF:216.6/10

Left: 504.806+/-2.008 χ^2/NDF: 1445.7/23

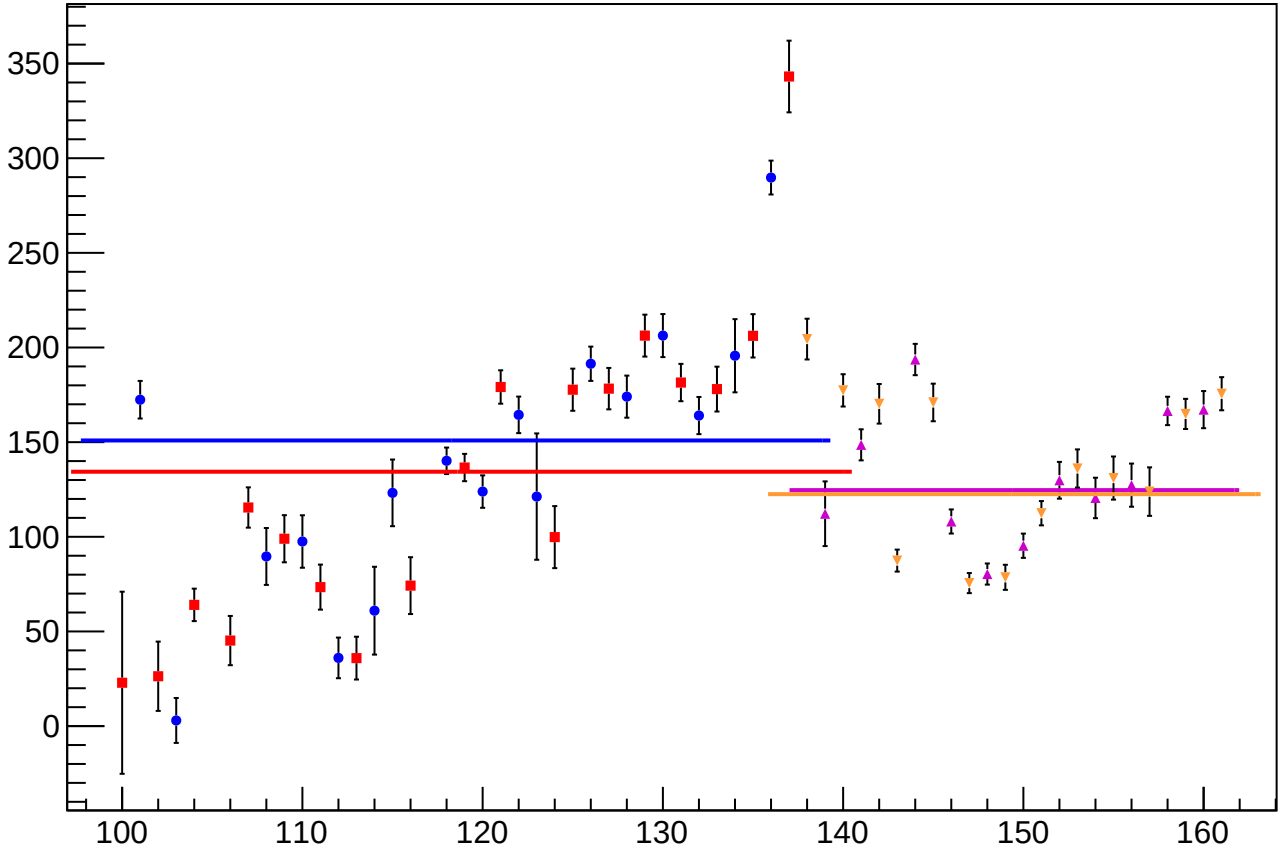
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 547.117+/-2.440 χ^2/NDF:2481.0/27

Out: 510.201+/-2.282 χ^2/NDF:4177.5/31

All: 527.420+/-1.667 χ^2/NDF: 6780.5/59

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: 122.526+/-2.201 χ^2/NDF:372.7/12

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 124.658+/-2.431 χ^2/NDF:219.8/10

Left: 123.486+/-1.632 χ^2/NDF: 592.9/23

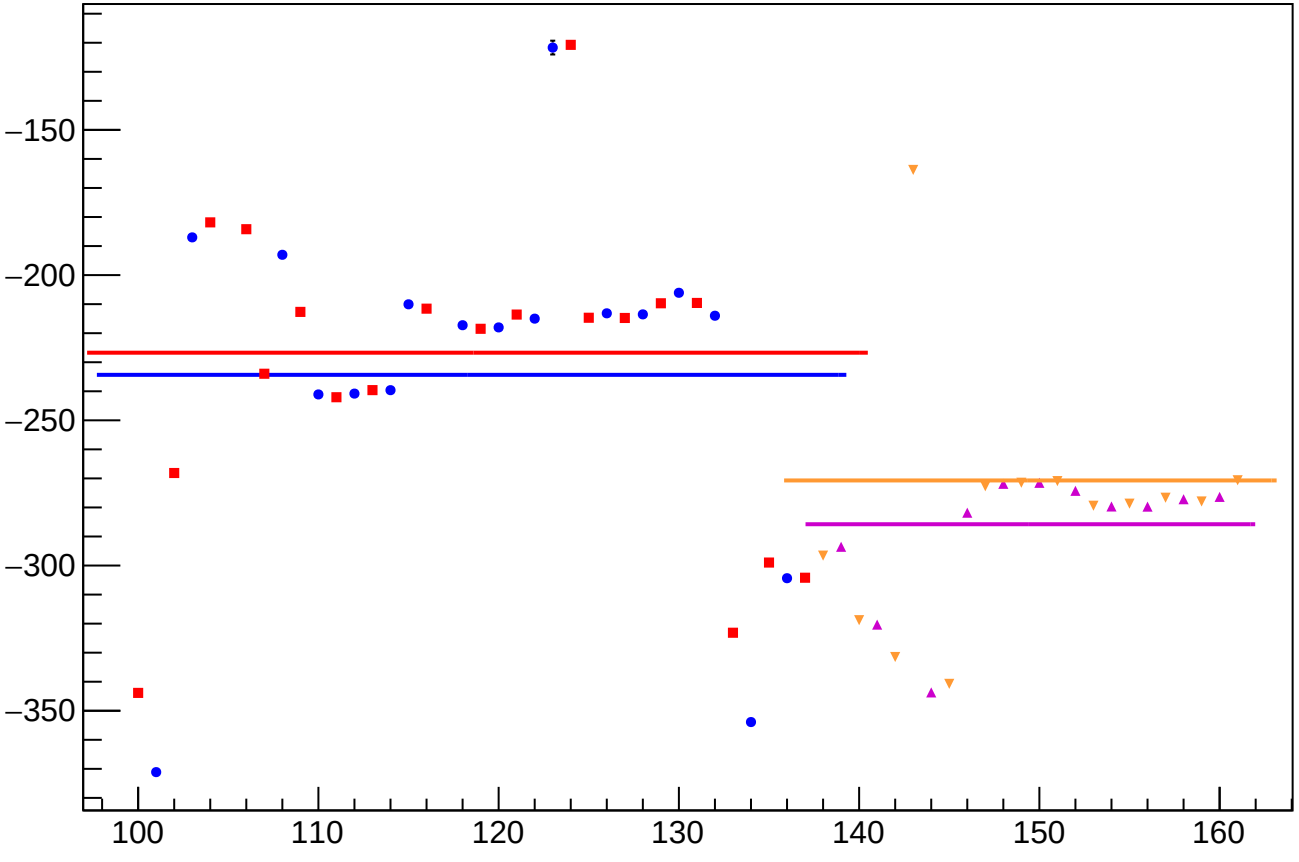
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 136.531+/-1.799 χ^2/NDF:907.3/27

Out: 127.432+/-1.685 χ^2/NDF:969.6/31

All: 131.685+/-1.230 χ^2/NDF: 1890.5/59

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: -270.700+/-0.110 χ^2/NDF:182670.2/12

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -285.776+/-0.118 χ^2/NDF:29416.3/10

Left: -277.747+/-0.080 χ^2/NDF: 220828.6/23

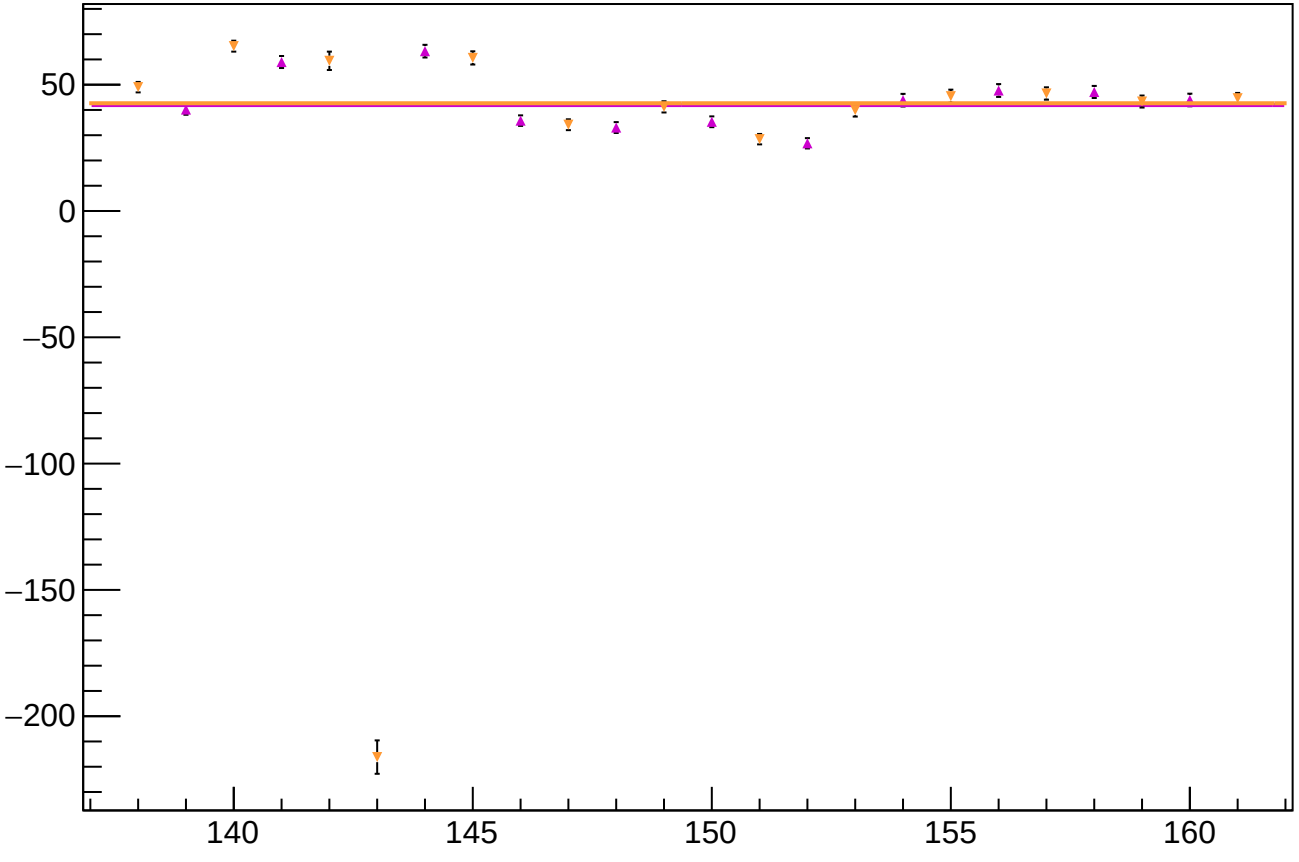
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -265.905+/-0.092 χ^2/NDF:248395.6/27

Out: -254.062+/-0.087 χ^2/NDF:342330.5/31

All: -259.636+/-0.063 χ^2/NDF: 599464.5/59

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: 42.658+/-0.672 χ^2/NDF:1787.7/12

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

Left In: 41.931+/-0.686 χ^2/NDF:225.3/10

Left: 42.302+/-0.480 χ^2/NDF: 2013.6/23

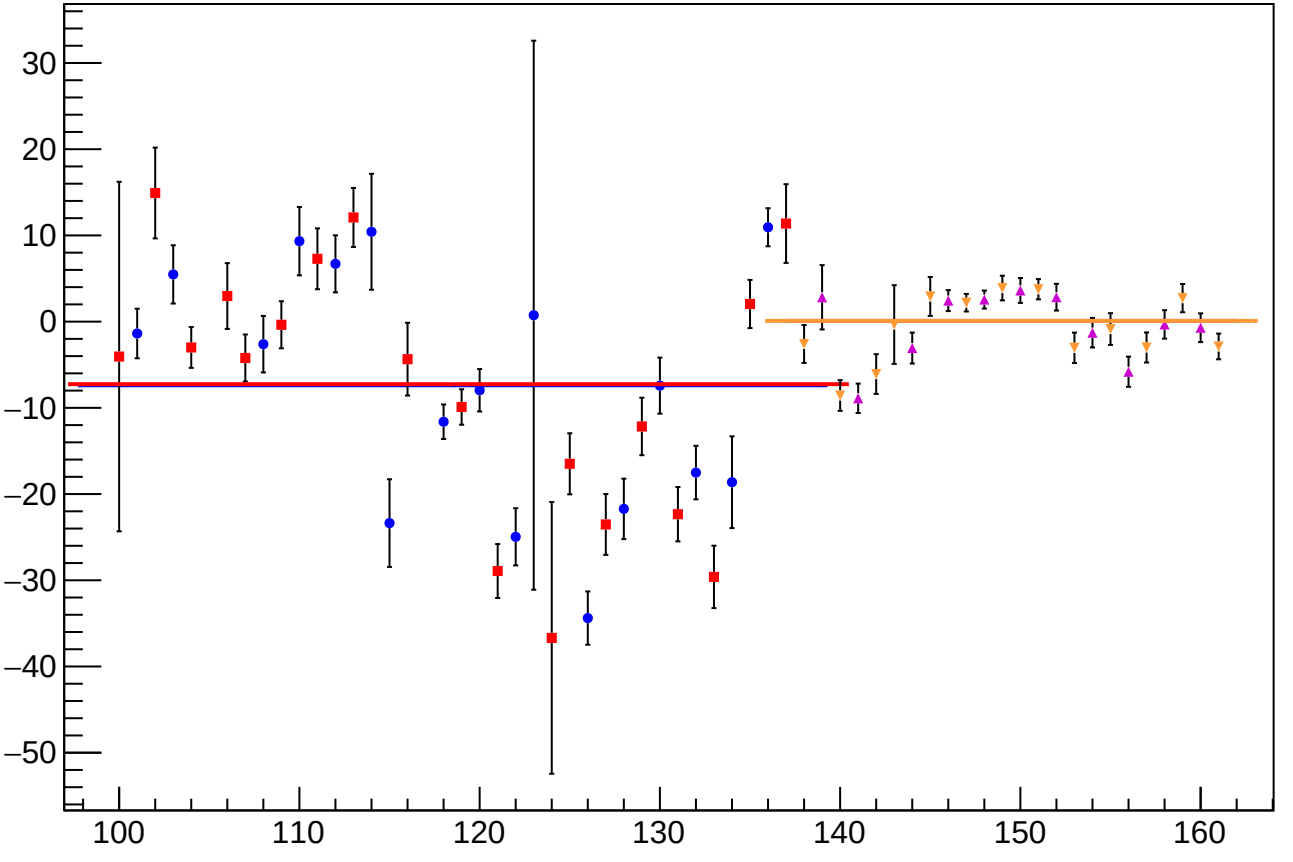
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.931+/-0.686 χ^2/NDF:225.3/10

Out: 42.658+/-0.672 χ^2/NDF:1787.7/12

All: 42.302+/-0.480 χ^2/NDF: 2013.6/23

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: 0.084+/-0.452 χ^2/NDF:68.0/12

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: 0.086+/-0.466 χ^2/NDF:62.0/10

Left: 0.085+/-0.324 χ^2/NDF: 130.0/23

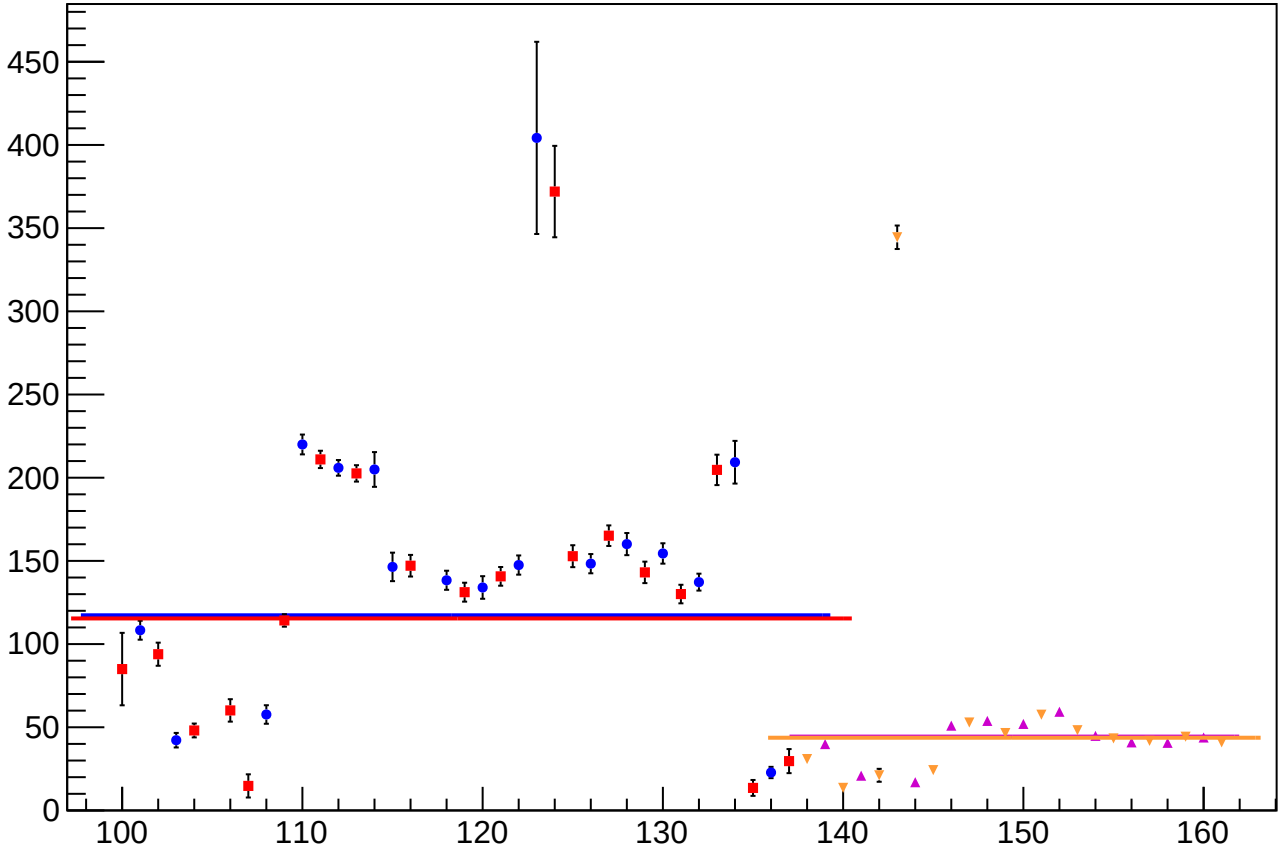
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -1.883+/-0.400 χ^2/NDF:413.3/27

Out: -1.826+/-0.389 χ^2/NDF:393.9/31

All: -1.854+/-0.279 χ^2/NDF: 807.3/59

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: 43.712+/-0.654 χ^2/NDF:2181.9/12

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 44.394+/-0.665 χ^2/NDF:304.8/10

Left: 44.047+/-0.466 χ^2/NDF: 2487.2/23

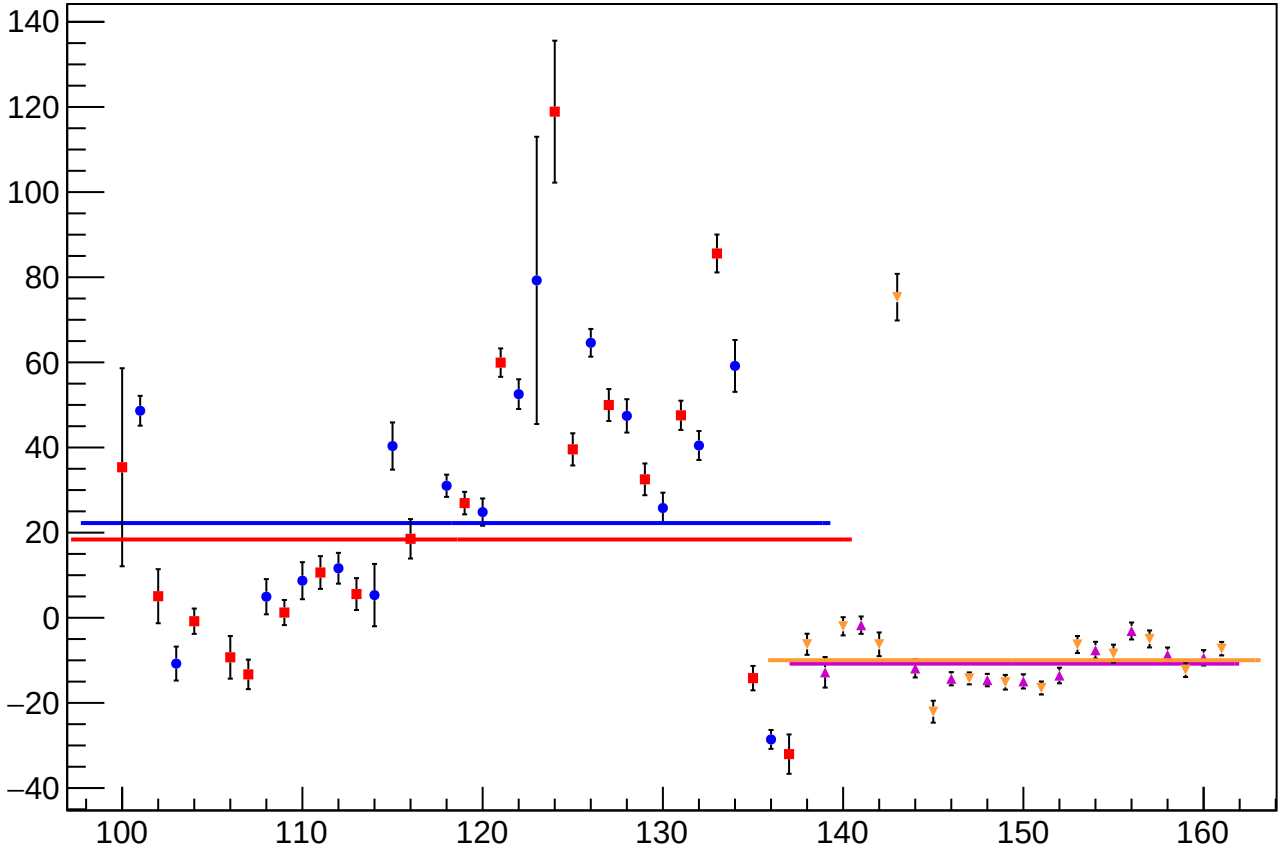
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 57.698+/-0.602 χ^2/NDF:4656.3/27

Out: 57.167+/-0.589 χ^2/NDF:6587.8/31

All: 57.427+/-0.421 χ^2/NDF: 11244.5/59

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -9.974+/-0.541 χ^2/NDF:333.8/12

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -10.776+/-0.558 χ^2/NDF:60.2/10

Left: -10.363+/-0.388 χ^2/NDF: 395.0/23

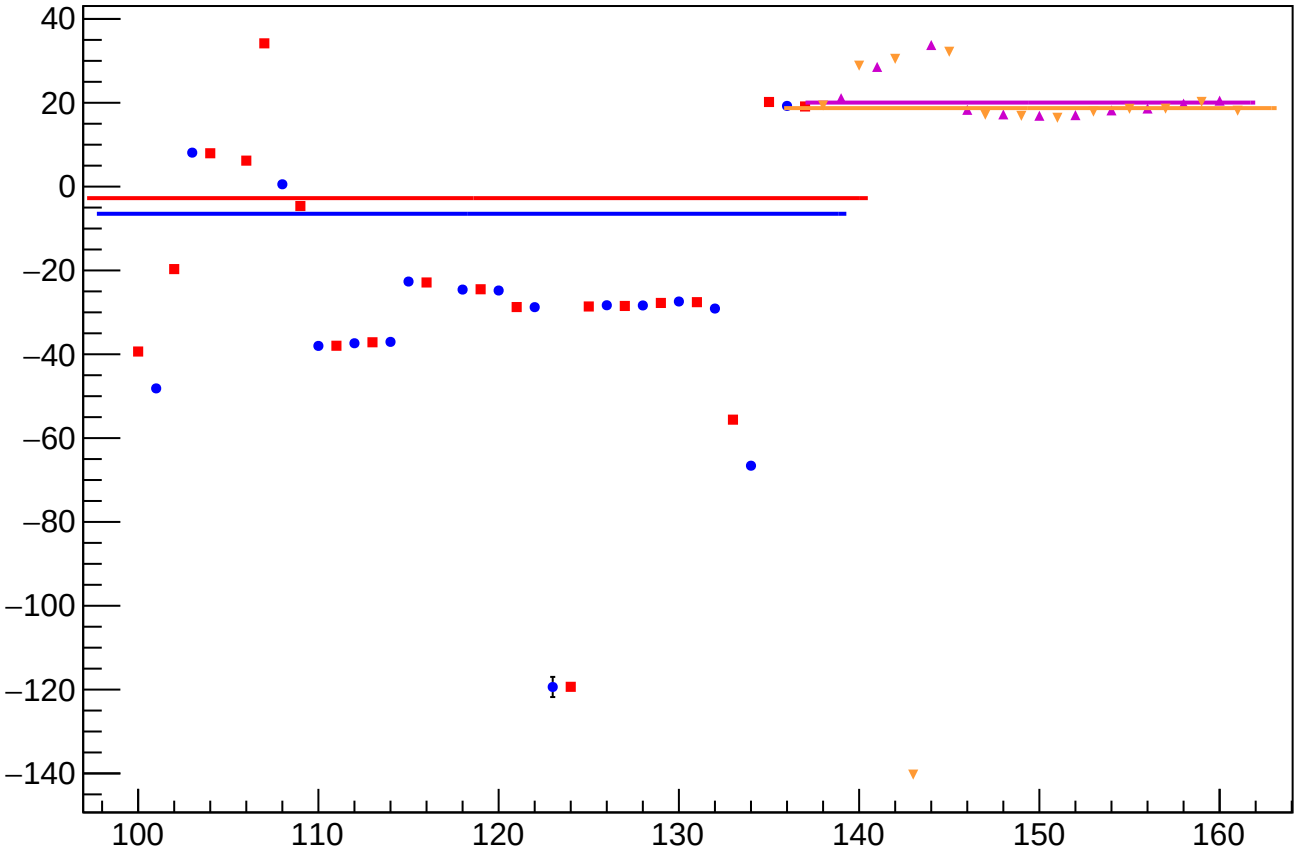
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: -1.456+/-0.472 χ^2/NDF:2121.9/27

Out: -2.092+/-0.460 χ^2/NDF:2175.5/31

All: -1.783+/-0.329 χ^2/NDF: 4298.4/59

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 18.726+/-0.026 χ^2/NDF:348985.5/12

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 20.046+/-0.026 χ^2/NDF:25893.5/10

Left: 19.377+/-0.018 χ^2/NDF: 376197.9/23

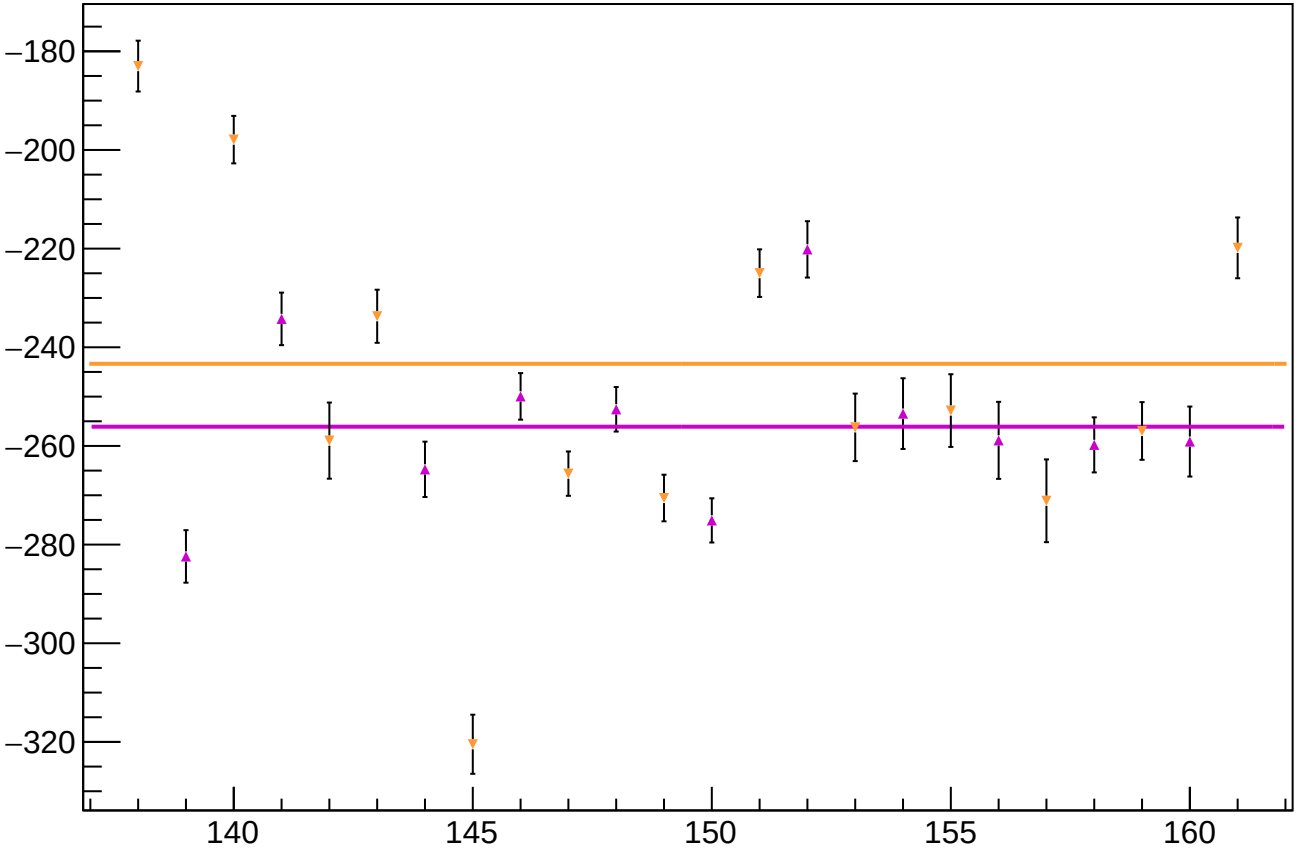
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 13.710+/-0.023 χ^2/NDF:543059.6/27

Out: 13.615+/-0.022 χ^2/NDF:783737.5/31

All: 13.662+/-0.016 χ^2/NDF: 1326806.0/59

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: -243.346+/-1.568 χ^2/NDF:507.6/12

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

Left In: -256.098+/-1.656 χ^2/NDF:104.4/10

Left: -249.374+/-1.139 χ^2/NDF: 643.3/23

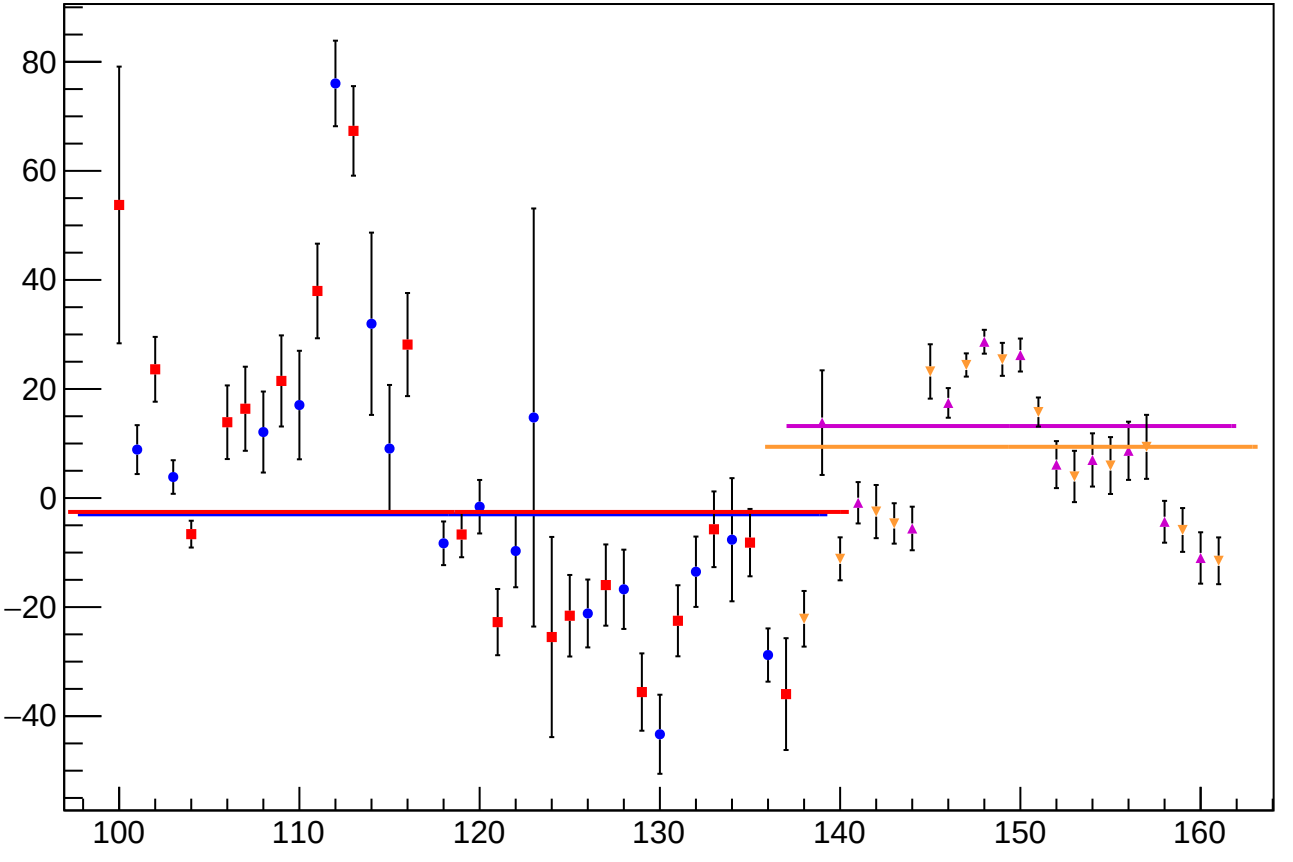
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -256.098+/-1.656 χ^2/NDF:104.4/10

Out: -243.346+/-1.568 χ^2/NDF:507.6/12

All: -249.374+/-1.139 χ^2/NDF: 643.3/23

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: 9.397+/-1.023 χ^2/NDF:216.8/12

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 13.205+/-1.091 χ^2/NDF:159.2/10

Left: 11.180+/-0.746 χ^2/NDF: 382.5/23

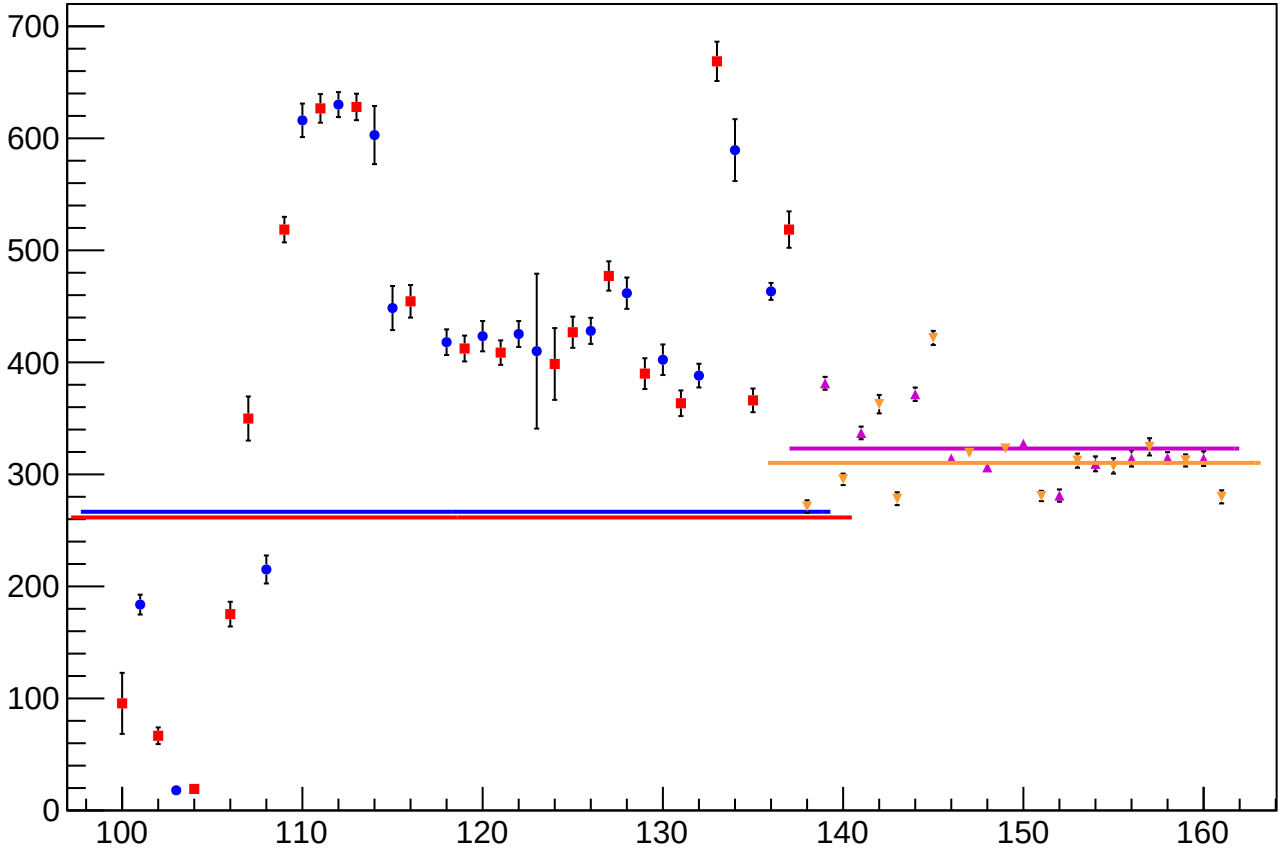
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 7.360+/-0.872 χ^2/NDF:442.7/27

Out: 5.234+/-0.826 χ^2/NDF:482.4/31

All: 6.239+/-0.599 χ^2/NDF: 928.2/59

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: 310.270+/-1.540 χ^2/NDF:527.2/12

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 323.063+/-1.608 χ^2/NDF:263.2/10

Left: 316.393+/-1.112 χ^2/NDF: 823.3/23

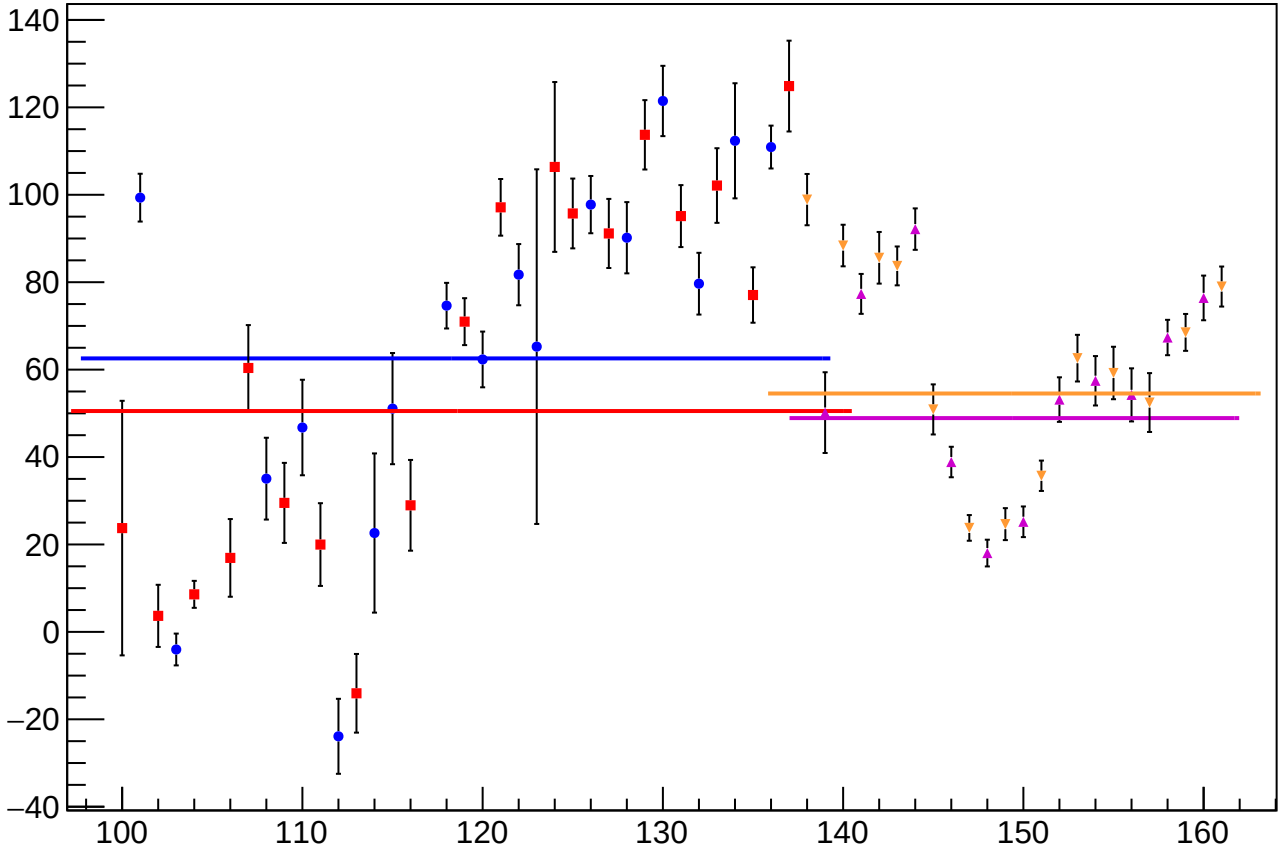
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 306.334+/-1.349 χ^2/NDF:8291.1/27

Out: 296.529+/-1.305 χ^2/NDF:9017.5/31

All: 301.271+/-0.938 χ^2/NDF: 17335.8/59

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: 54.538+/-1.245 χ^2/NDF:427.1/12

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 48.910+/-1.324 χ^2/NDF:331.2/10

Left: 51.896+/-0.907 χ^2/NDF: 768.0/23

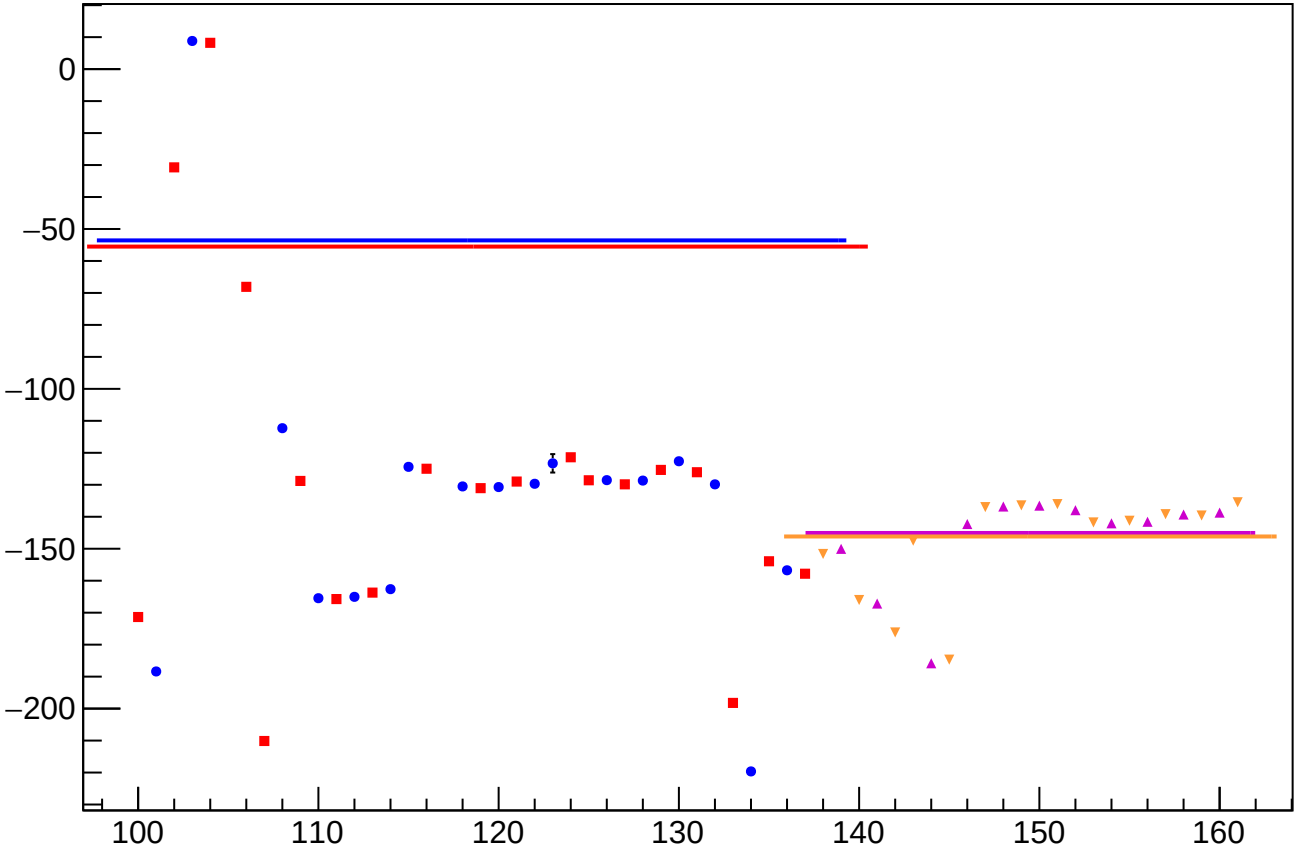
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 54.148+/-1.039 χ^2/NDF:1094.5/27

Out: 53.075+/-0.992 χ^2/NDF:1087.9/31

All: 53.587+/-0.718 χ^2/NDF: 2183.0/59

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: -146.170+/-0.062 χ^2/NDF:53063.7/12

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -145.073+/-0.064 χ^2/NDF:41607.8/10

Left: -145.638+/-0.044 χ^2/NDF: 94823.9/23

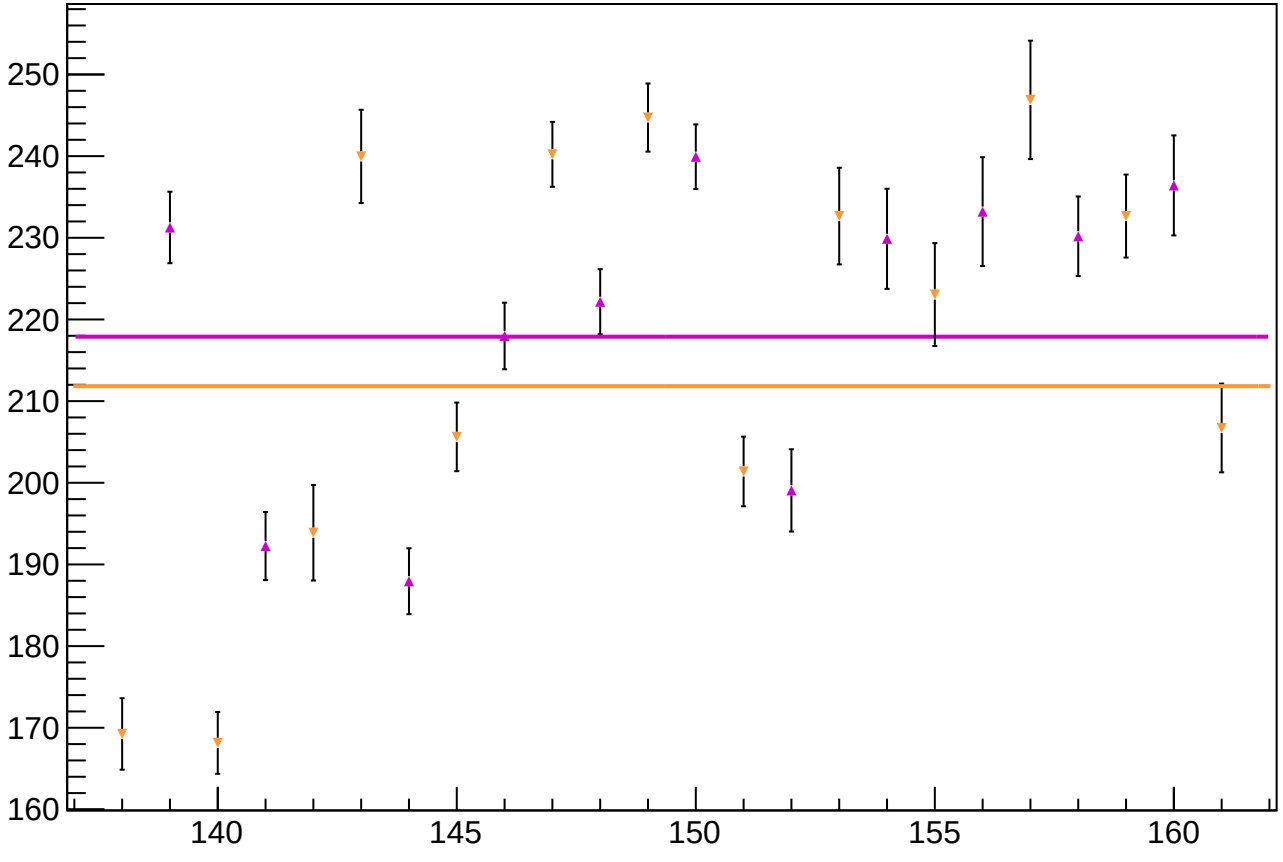
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -103.746+/-0.047 χ^2/NDF:2201630.9/27

Out: -107.608+/-0.047 χ^2/NDF:1936386.9/31

All: -105.690+/-0.033 χ^2/NDF: 4141384.6/59

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: 211.834+/-1.337 χ^2/NDF:439.9/12

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

Left In: 217.888+/-1.393 χ^2/NDF:172.9/10

Left: 214.736+/-0.964 χ^2/NDF: 622.6/23

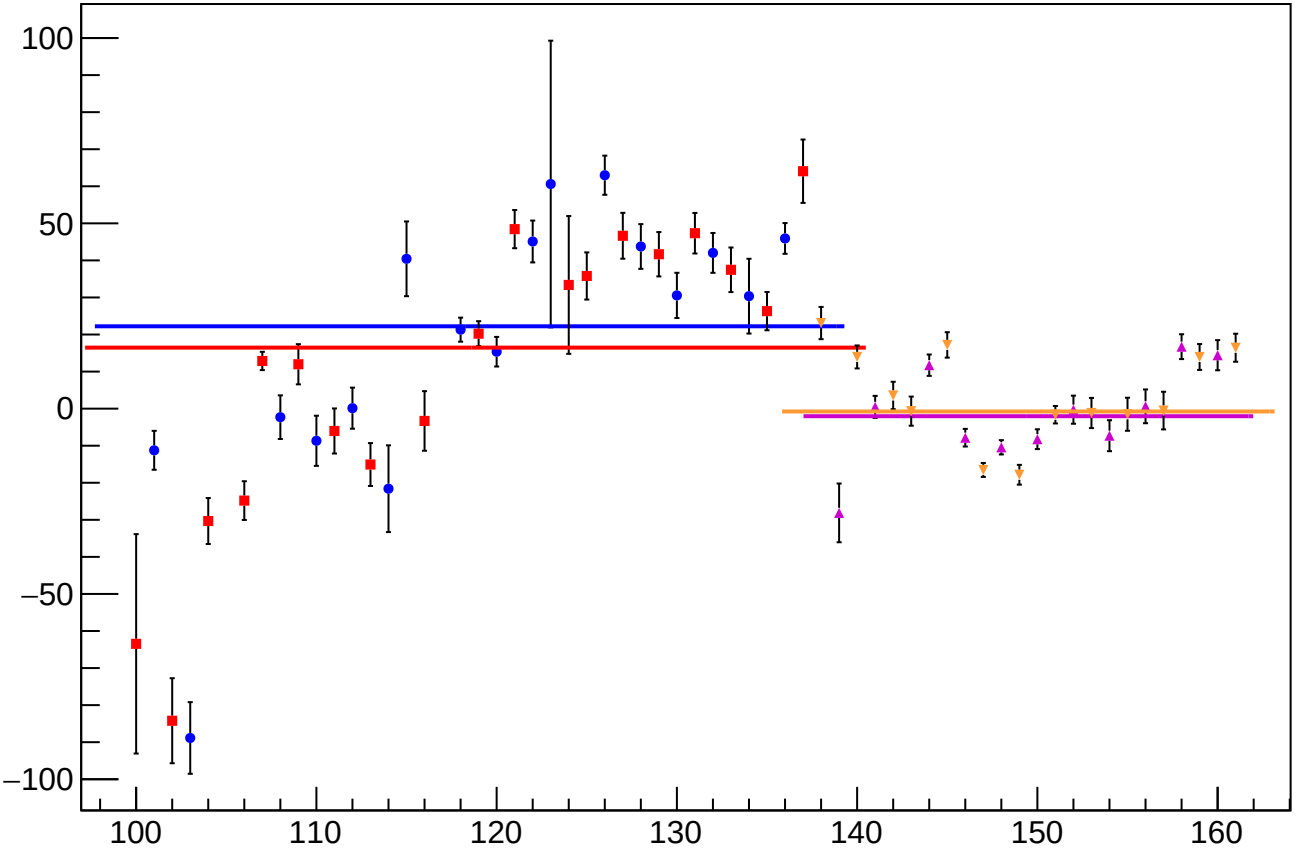
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 217.888+/-1.393 χ^2/NDF:172.9/10

Out: 211.834+/-1.337 χ^2/NDF:439.9/12

All: 214.736+/-0.964 χ^2/NDF: 622.6/23

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: -0.763+/-0.883 χ^2/NDF:231.0/12

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: -2.045+/-0.929 χ^2/NDF:114.4/10

Left: -1.371+/-0.640 χ^2/NDF: 346.5/23

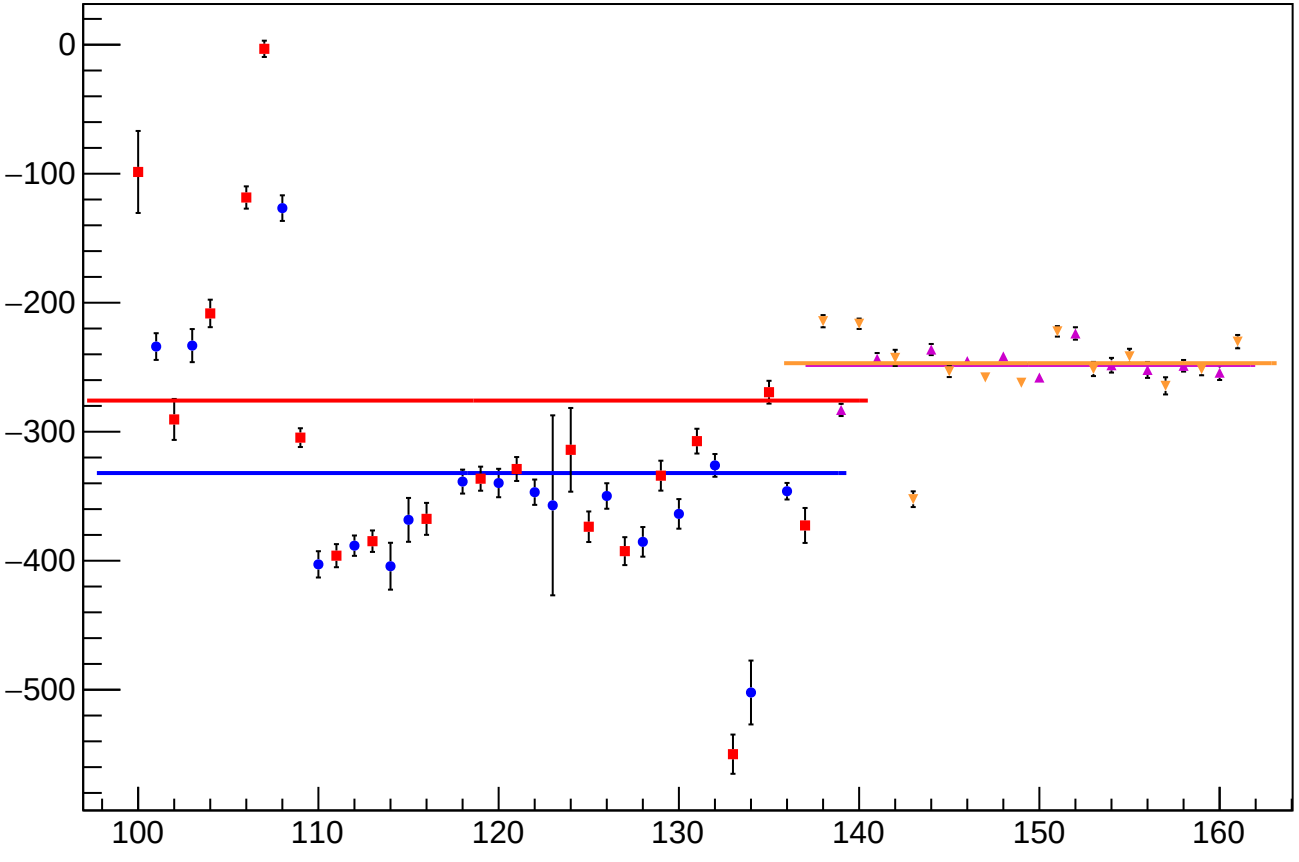
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 5.569+/-0.770 χ^2/NDF:714.1/27

Out: 5.097+/-0.717 χ^2/NDF:786.5/31

All: 5.316+/-0.525 χ^2/NDF: 1500.8/59

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: -246.881+/-1.319 χ^2/NDF:486.8/12

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -248.215+/-1.361 χ^2/NDF:100.8/10

Left: -247.527+/-0.947 χ^2/NDF: 588.1/23

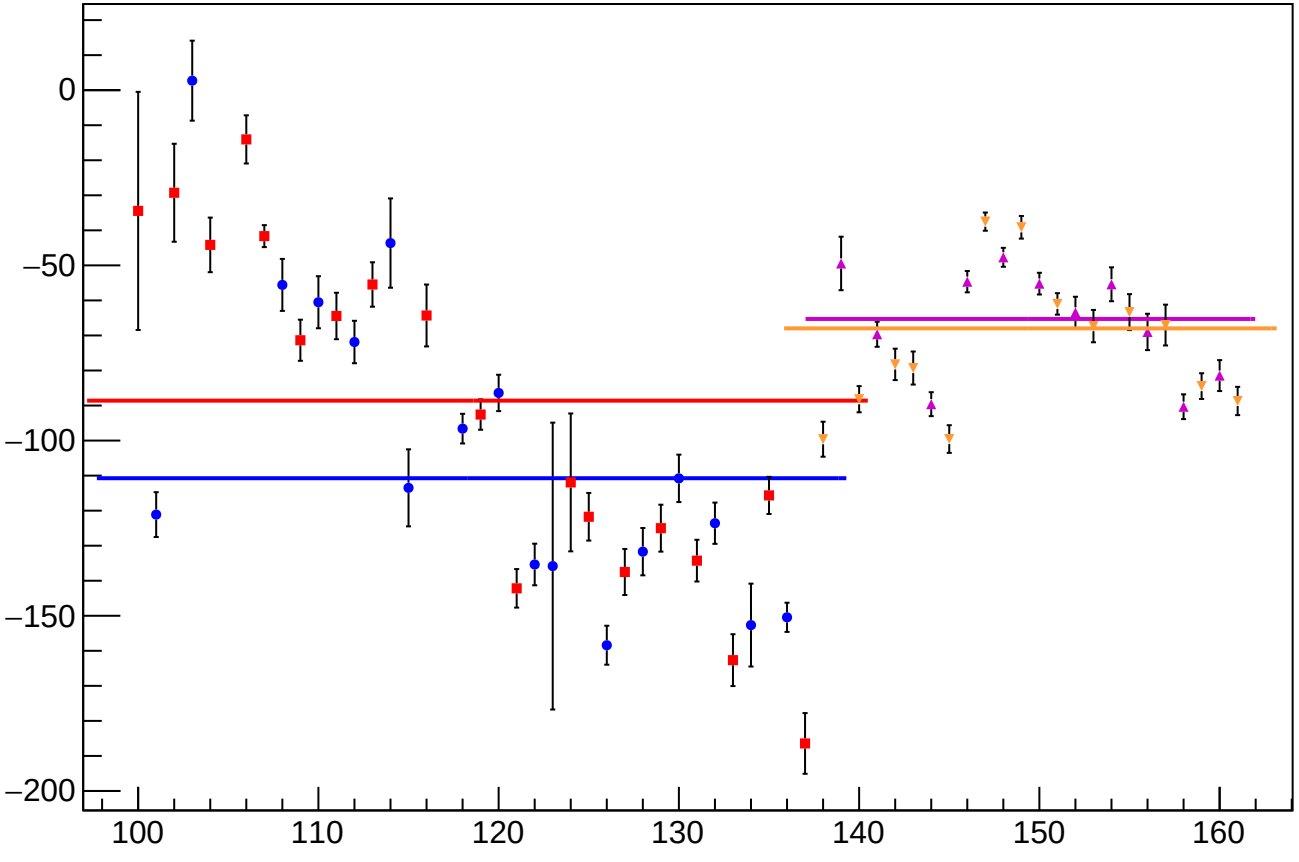
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -266.668+/-1.202 χ^2/NDF:1720.6/27

Out: -253.938+/-1.147 χ^2/NDF:3967.2/31

All: -260.006+/-0.830 χ^2/NDF: 5746.4/59

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: -67.979+/-1.071 χ^2/NDF:414.3/12

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -65.292+/-1.124 χ^2/NDF:190.3/10

Left: -66.700+/-0.776 χ^2/NDF: 607.6/23

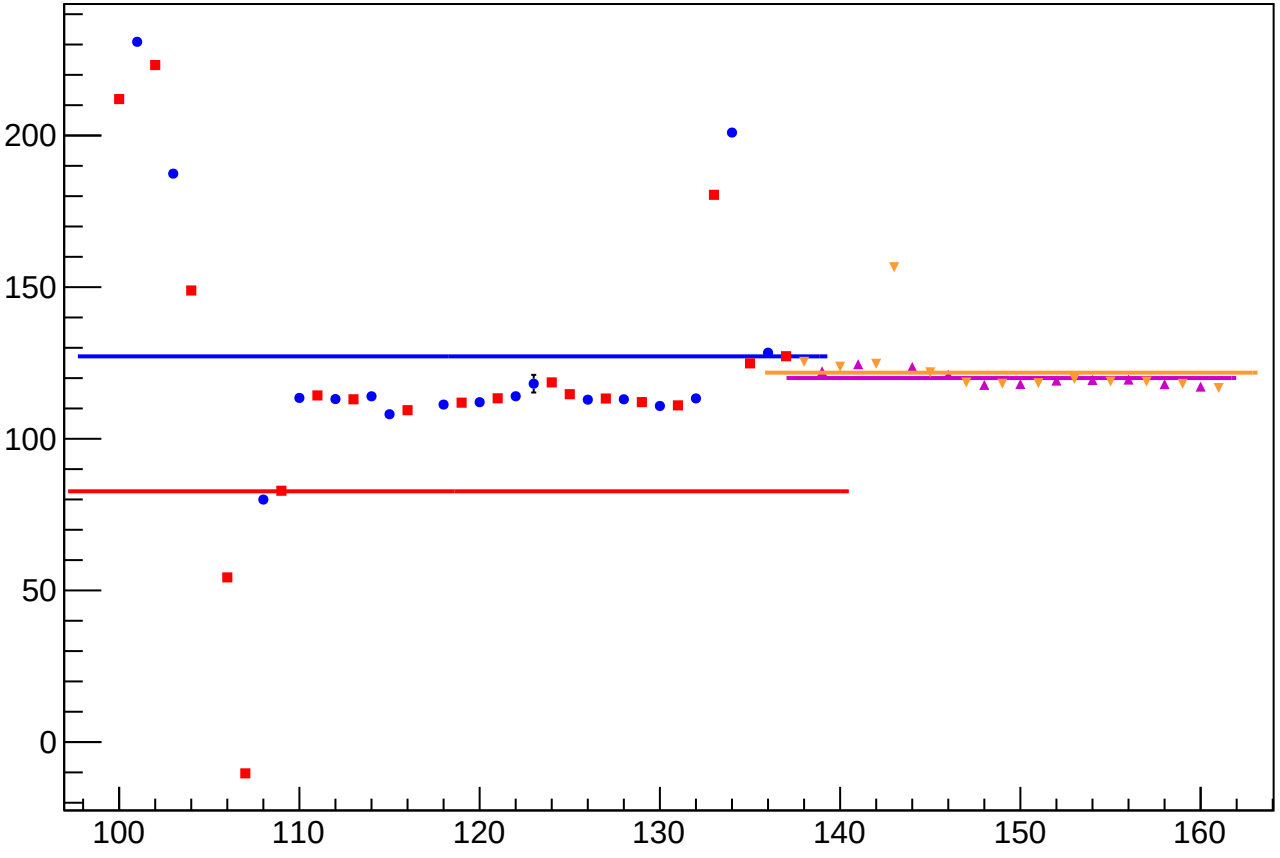
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -80.599+/-0.915 χ^2/NDF:1254.2/27

Out: -75.363+/-0.858 χ^2/NDF:1516.7/31

All: -77.813+/-0.626 χ^2/NDF: 2788.4/59

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: 121.804+/-0.053 χ^2/NDF:23630.0/12

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.027+/-0.054 χ^2/NDF:1965.1/10

Left: 120.934+/-0.038 χ^2/NDF: 26147.0/23

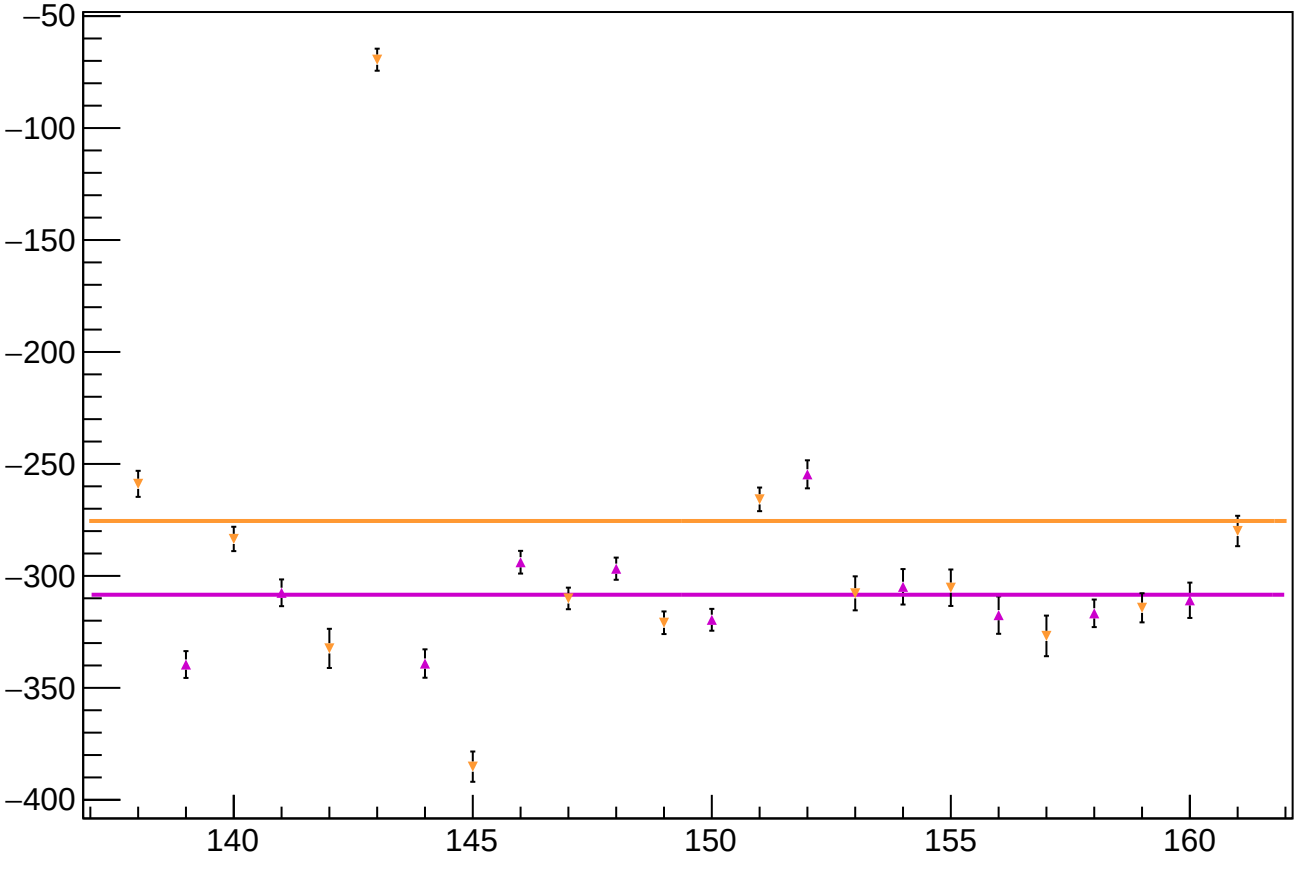
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 121.953+/-0.046 χ^2/NDF:194732.4/27

Out: 108.874+/-0.043 χ^2/NDF:970038.9/31

All: 114.990+/-0.032 χ^2/NDF: 1207453.8/59

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: -275.473+/-1.696 χ^2/NDF:2301.7/12

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

Left In: -308.411+/-1.823 χ^2/NDF:146.6/10

Left: -290.749+/-1.242 χ^2/NDF: 2623.2/23

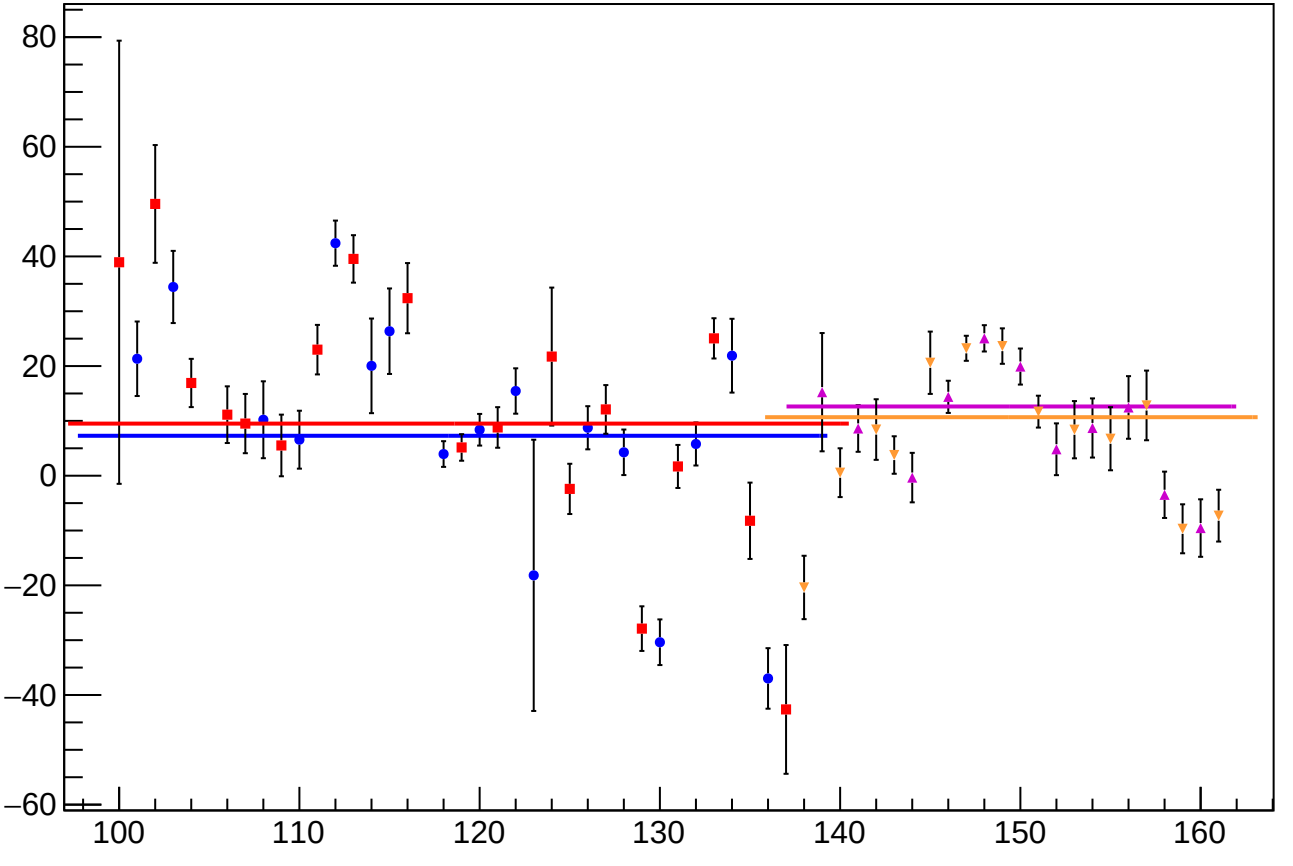
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -308.411+/-1.823 χ^2/NDF:146.6/10

Out: -275.473+/-1.696 χ^2/NDF:2301.7/12

All: -290.749+/-1.242 χ^2/NDF: 2623.2/23

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: 10.674+/-1.103 χ^2/NDF:123.8/12

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 12.628+/-1.198 χ^2/NDF:76.9/10

Left: 11.571+/-0.811 χ^2/NDF: 202.2/23

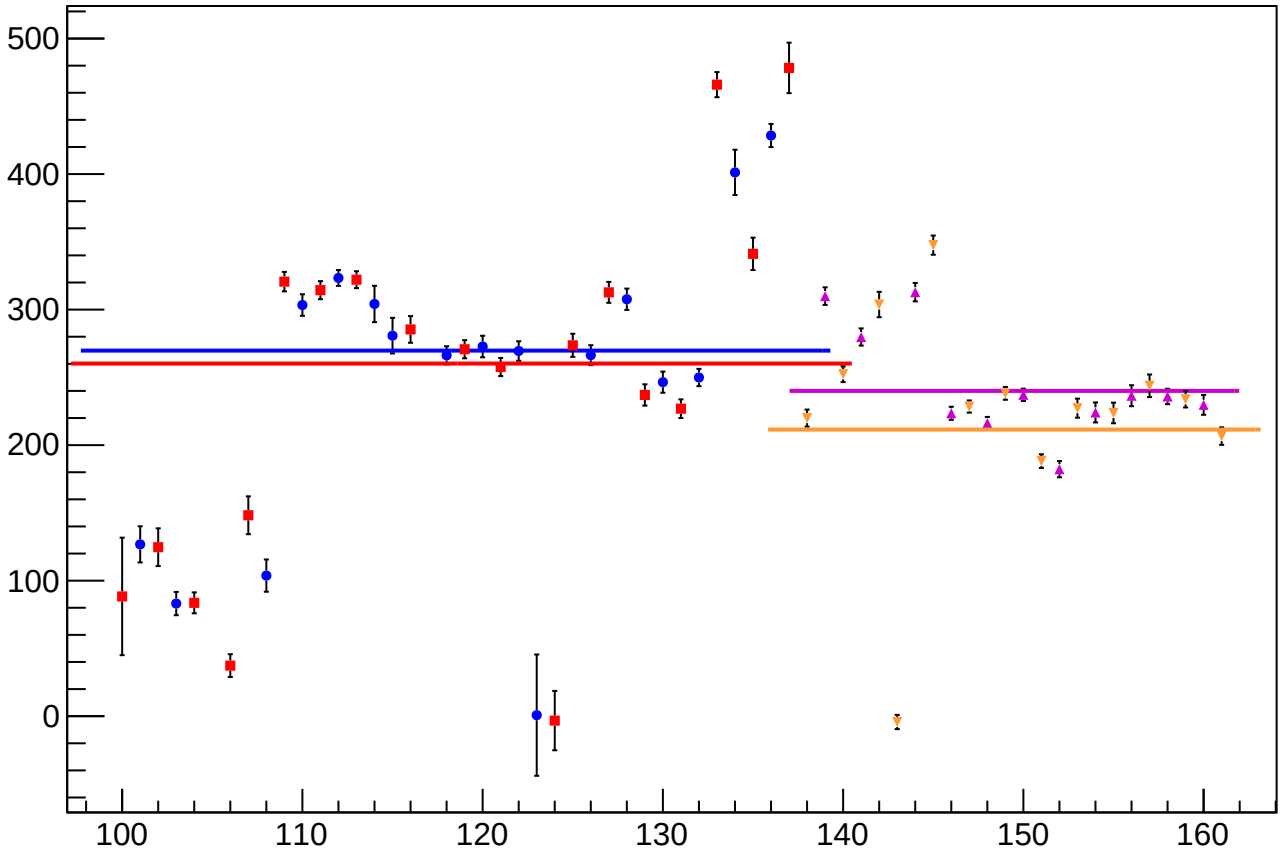
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 9.689+/-0.804 χ^2/NDF:348.9/27

Out: 10.074+/-0.770 χ^2/NDF:355.9/31

All: 9.890+/-0.556 χ^2/NDF: 704.9/59

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: 211.479+/-1.668 χ^2/NDF:2307.7/12

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 240.019+/-1.768 χ^2/NDF:409.1/10

Left: 224.916+/-1.213 χ^2/NDF: 2854.8/23

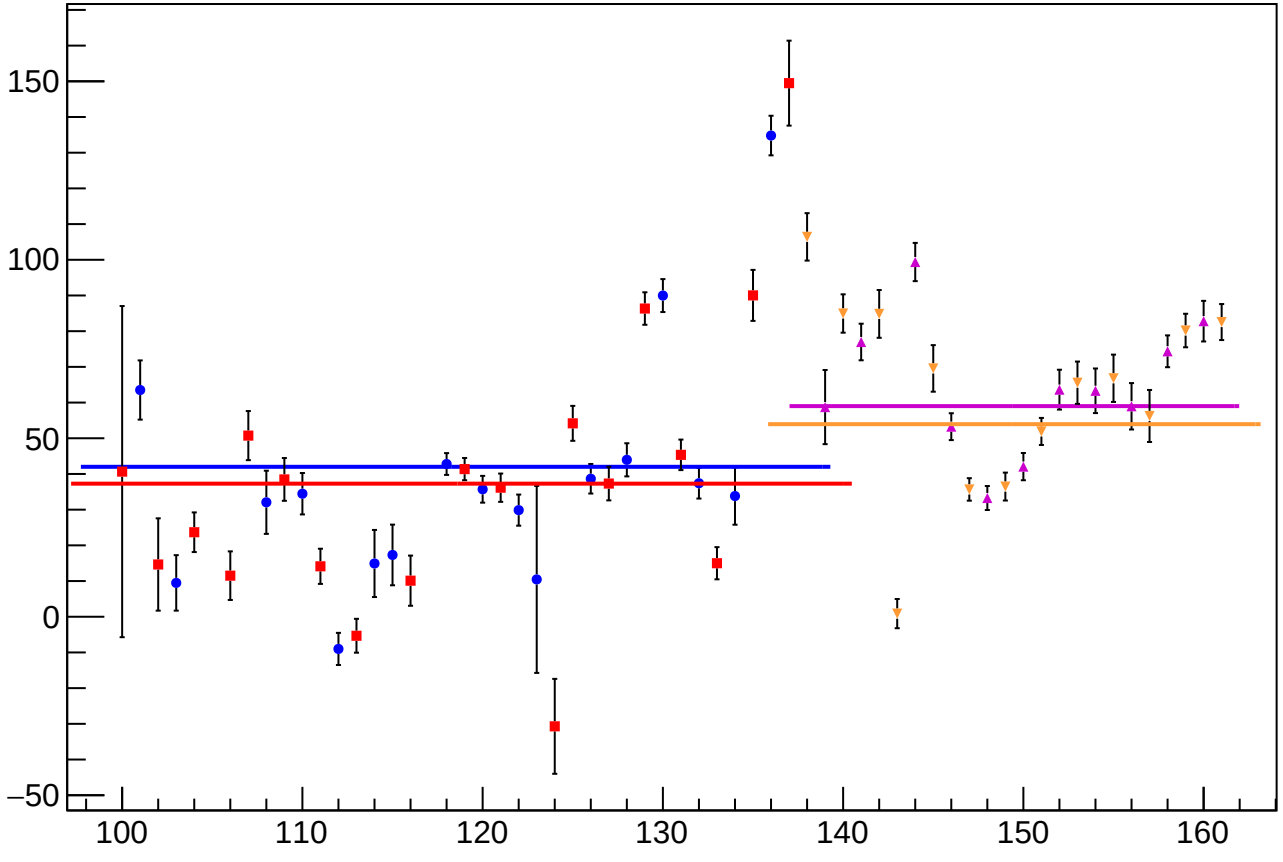
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 252.548+/-1.345 χ^2/NDF:1902.4/27

Out: 231.726+/-1.275 χ^2/NDF:5204.0/31

All: 241.582+/-0.925 χ^2/NDF: 7232.7/59

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: 53.948+/-1.344 χ^2/NDF:416.1/12

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 59.006+/-1.454 χ^2/NDF:180.5/10

Left: 56.278+/-0.987 χ^2/NDF: 603.1/23

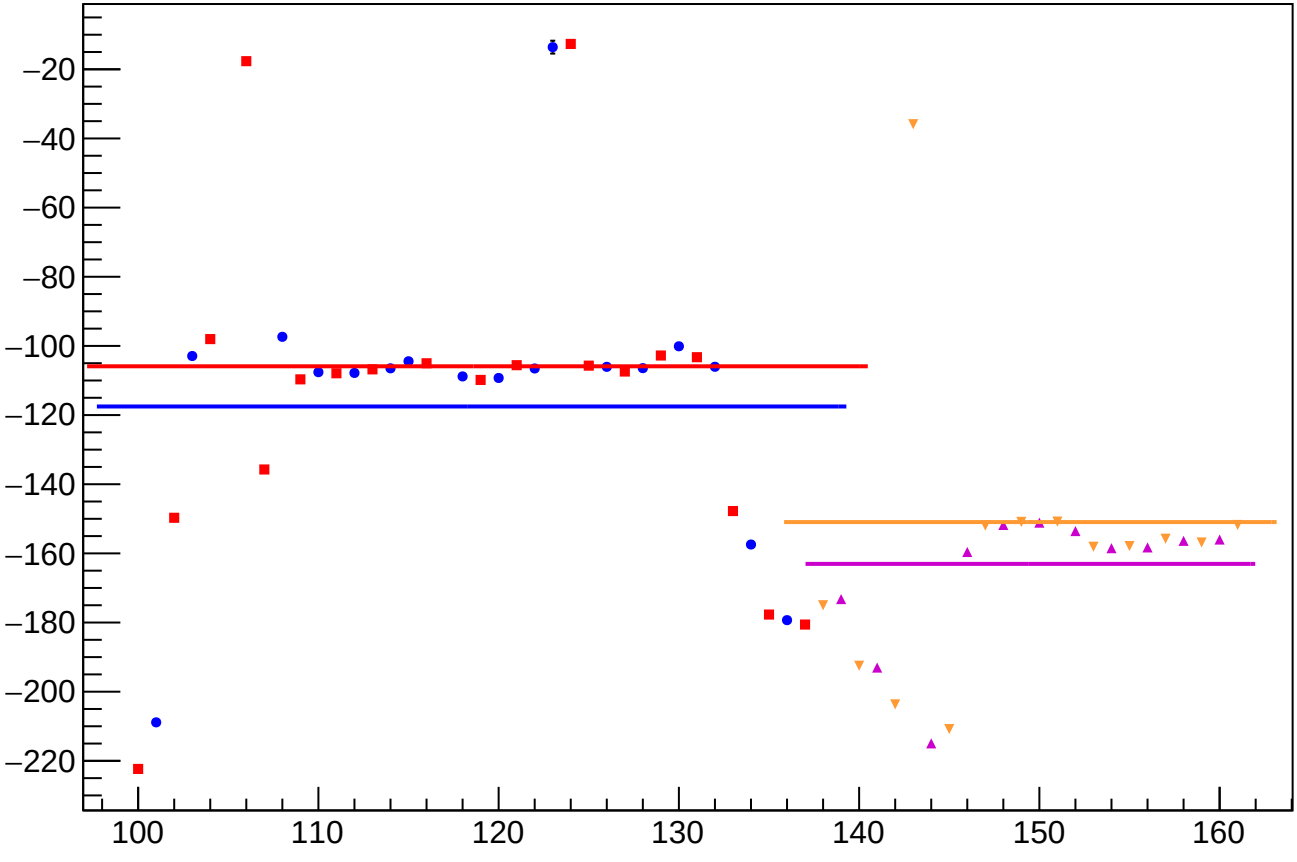
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 49.266+/-0.950 χ^2/NDF:834.3/27

Out: 44.927+/-0.910 χ^2/NDF:971.9/31

All: 47.003+/-0.657 χ^2/NDF: 1817.1/59

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: -150.945+/-0.067 χ^2/NDF:403236.4/12

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -163.039+/-0.070 χ^2/NDF:57330.1/10

Left: -156.716+/-0.048 χ^2/NDF: 476096.5/23

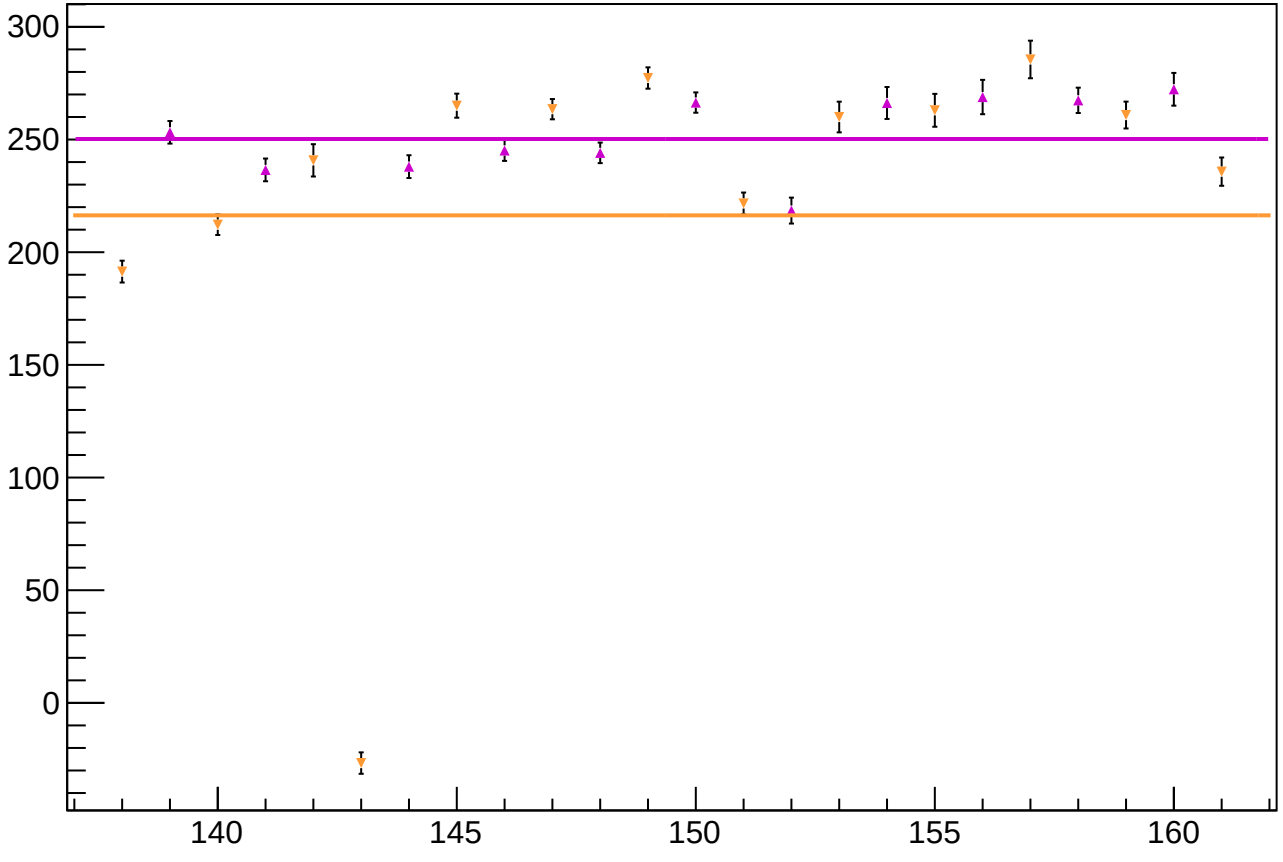
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -142.675+/-0.052 χ^2/NDF:387593.9/27

Out: -130.272+/-0.049 χ^2/NDF:934793.6/31

All: -136.125+/-0.036 χ^2/NDF: 1352239.5/59

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: 216.361+/-1.518 χ^2/NDF:3228.7/12

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

Left In: 250.241+/-1.622 χ^2/NDF:89.6/10

Left: 232.181+/-1.108 χ^2/NDF: 3551.0/23

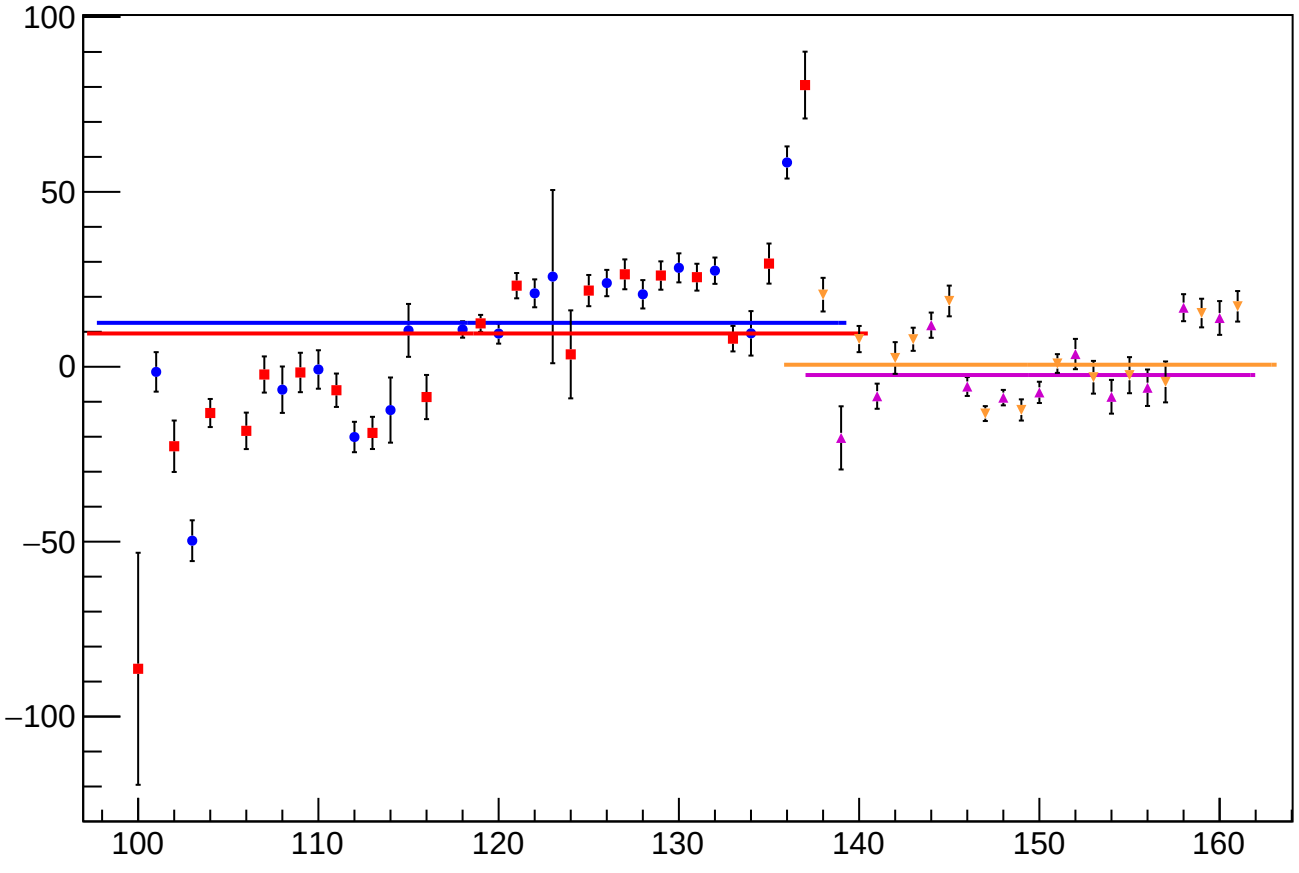
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 250.241+/-1.622 χ^2/NDF:89.6/10

Out: 216.361+/-1.518 χ^2/NDF:3228.7/12

All: 232.181+/-1.108 χ^2/NDF: 3551.0/23

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: 0.585+/-1.000 χ^2/NDF:133.9/12

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: -2.359+/-1.078 χ^2/NDF:75.4/10

Left: -0.776+/-0.733 χ^2/NDF: 213.3/23

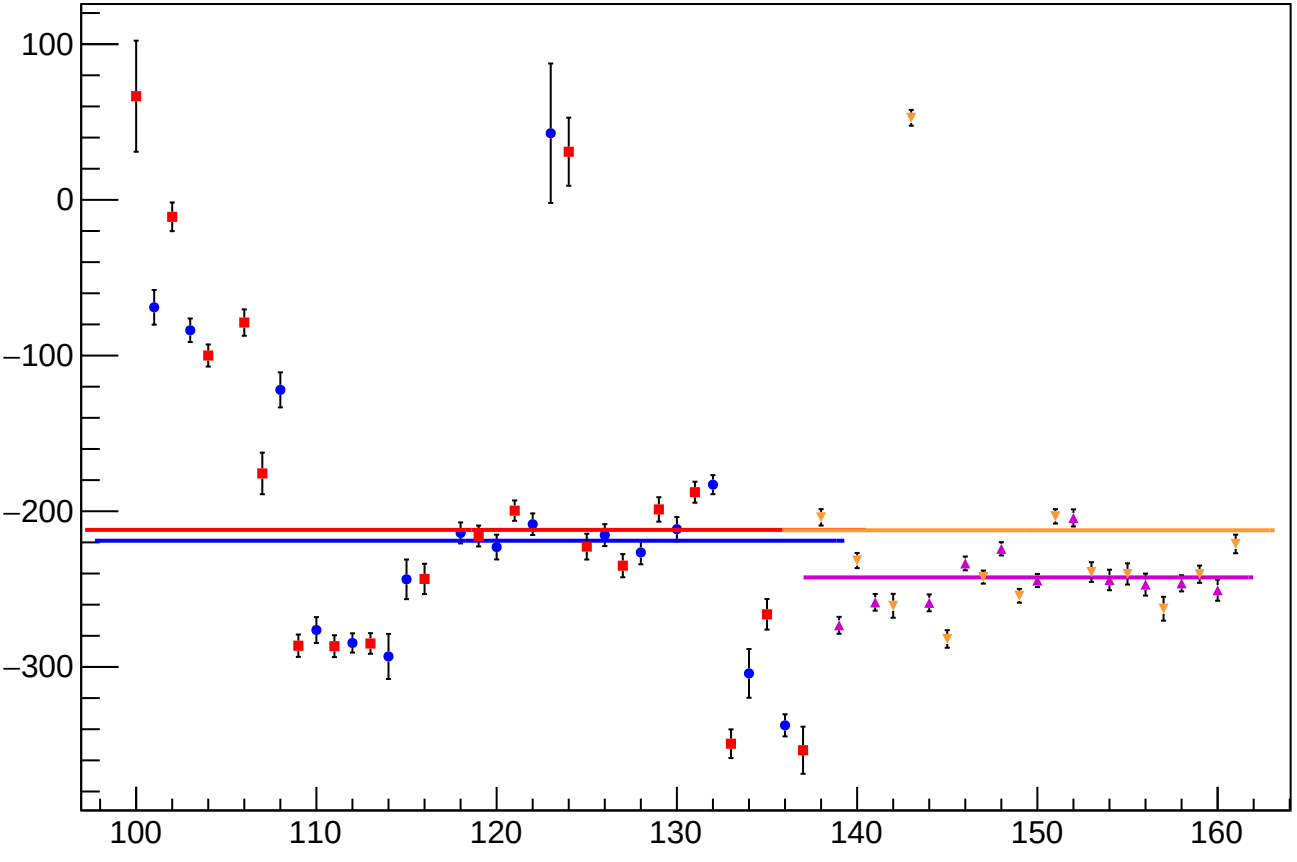
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 5.261+/-0.754 χ^2/NDF:520.9/27

Out: 4.833+/-0.724 χ^2/NDF:468.0/31

All: 5.038+/-0.522 χ^2/NDF: 989.1/59

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: -212.208+/-1.500 χ^2/NDF:3188.4/12

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -242.486+/-1.581 χ^2/NDF:123.6/10

Left: -226.551+/-1.088 χ^2/NDF: 3505.1/23

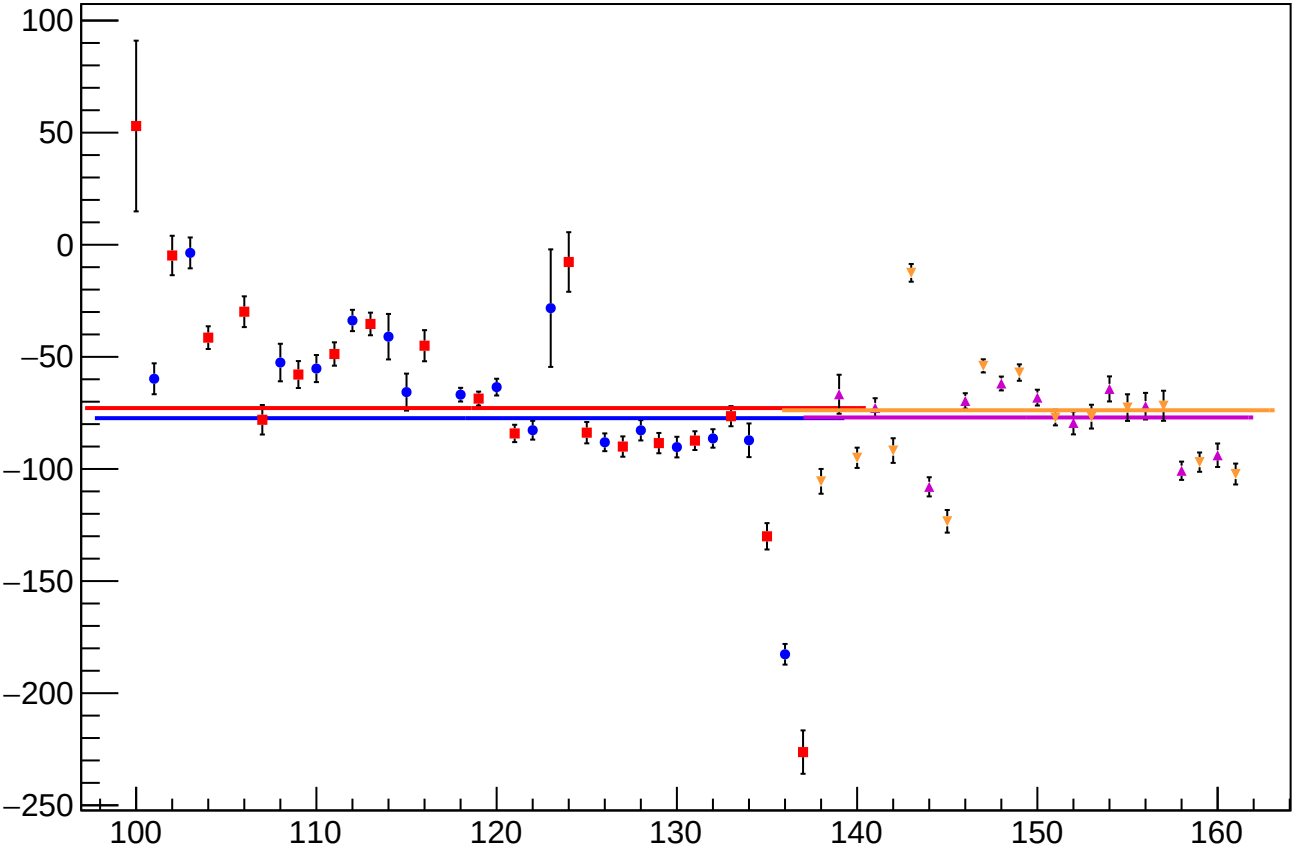
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -233.460+/-1.242 χ^2/NDF:1355.4/27

Out: -212.117+/-1.183 χ^2/NDF:5074.5/31

All: -222.273+/-0.856 χ^2/NDF: 6584.8/59

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: -73.814+/-1.216 χ^2/NDF:536.2/12

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -77.028+/-1.307 χ^2/NDF:140.1/10

Left: -75.305+/-0.890 χ^2/NDF: 679.6/23

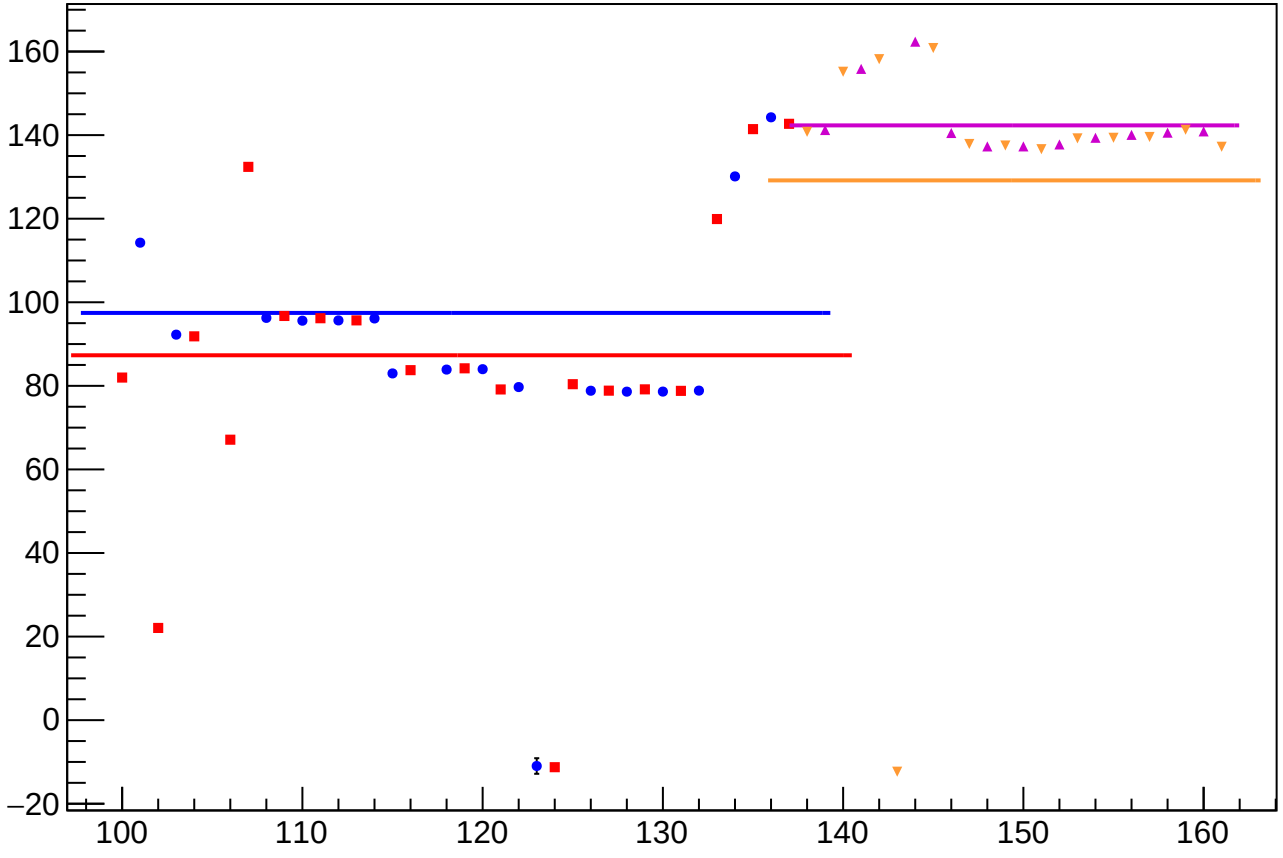
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -77.196+/-0.892 χ^2/NDF:957.4/27

Out: -73.322+/-0.857 χ^2/NDF:1209.4/31

All: -75.182+/-0.618 χ^2/NDF: 2176.6/59

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: 129.164+/-0.060 χ^2/NDF:548438.1/12

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 142.328+/-0.063 χ^2/NDF:13537.9/10

Left: 135.479+/-0.043 χ^2/NDF: 584908.6/23

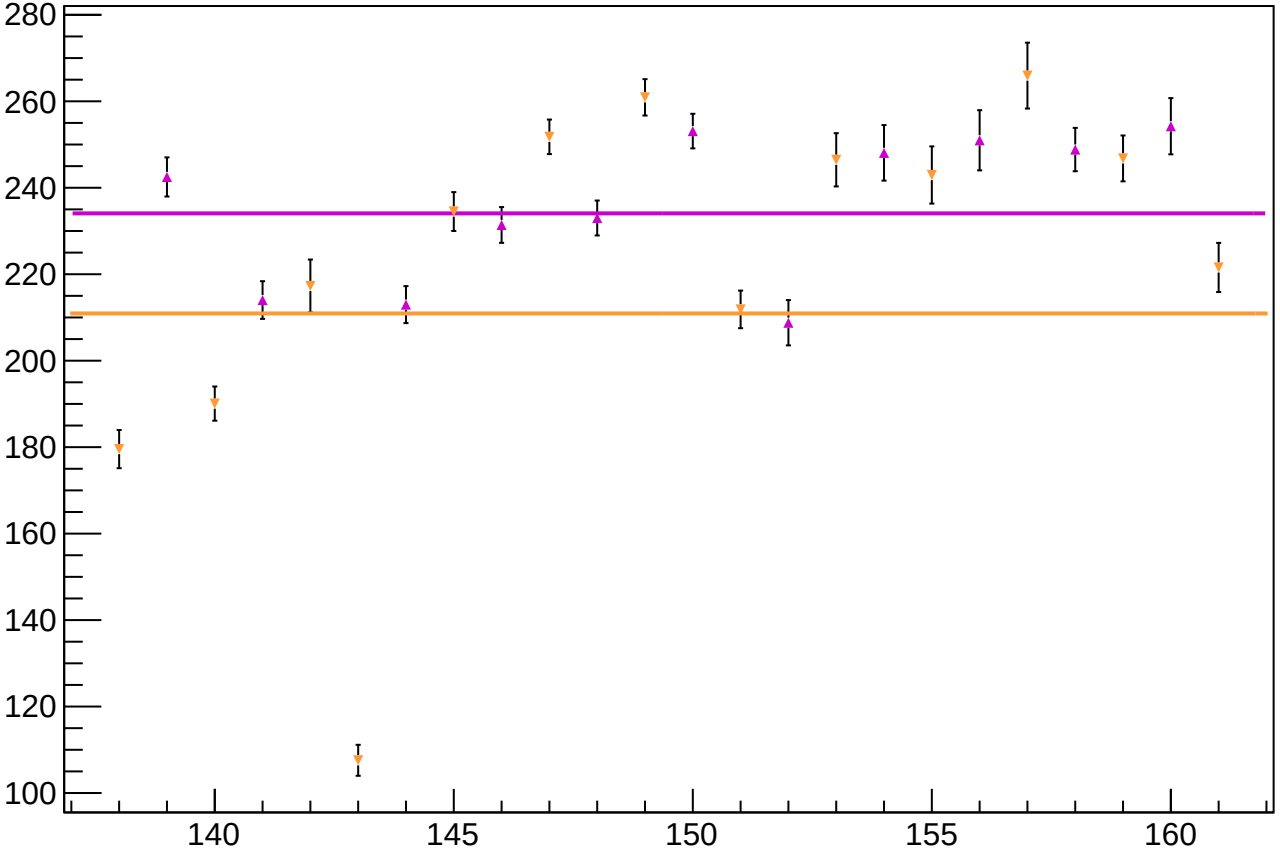
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 123.355+/-0.048 χ^2/NDF:324576.5/27

Out: 110.847+/-0.045 χ^2/NDF:981748.0/31

All: 116.766+/-0.033 χ^2/NDF: 1342648.6/59

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: 210.926+/-1.320 χ^2/NDF:1341.7/12

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

Left In: 234.075+/-1.439 χ^2/NDF:124.3/10

Left: 221.503+/-0.973 χ^2/NDF: 1606.6/23

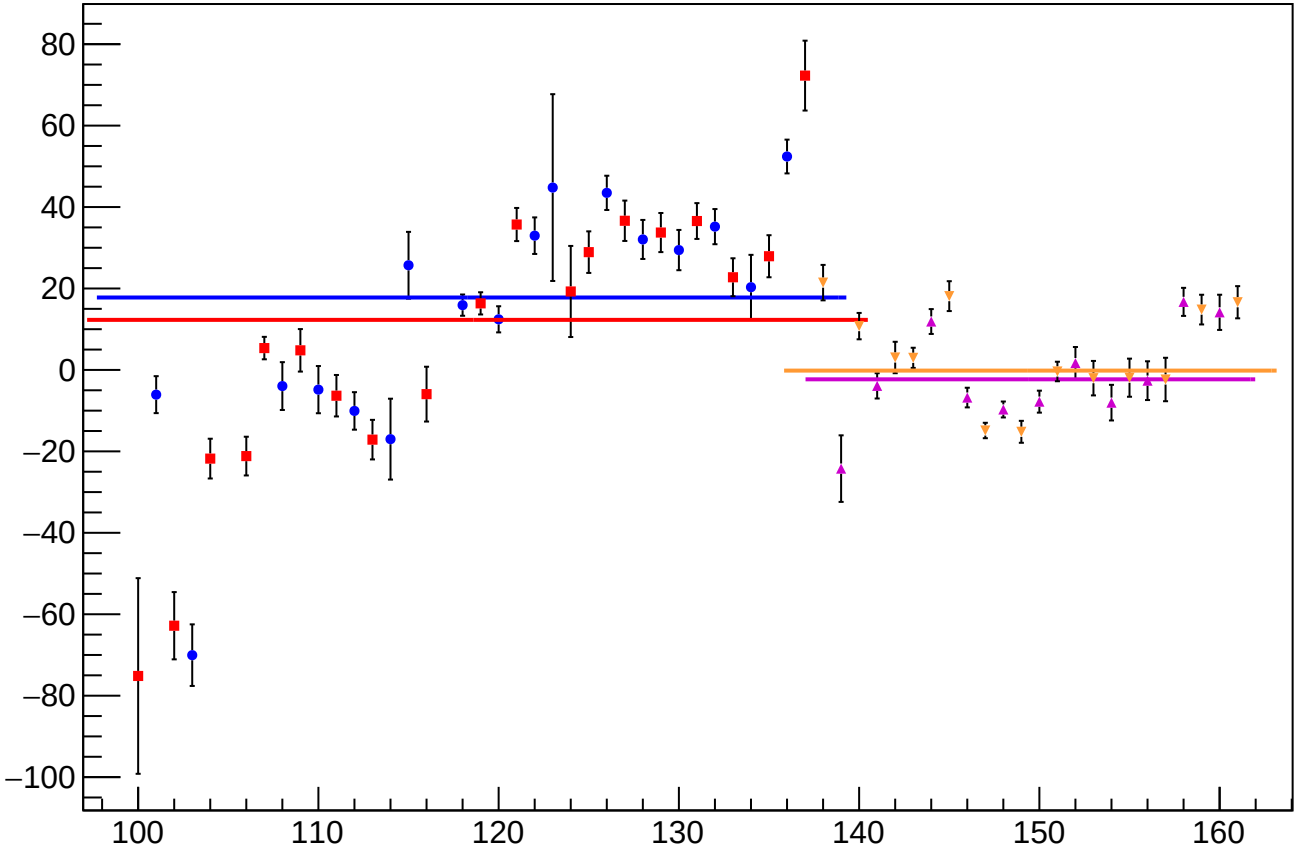
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 234.075+/-1.439 χ^2/NDF:124.3/10

Out: 210.926+/-1.320 χ^2/NDF:1341.7/12

All: 221.503+/-0.973 χ^2/NDF: 1606.6/23

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: -0.164+/-0.871 χ^2/NDF:190.0/12

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: -2.308+/-0.956 χ^2/NDF:98.7/10

Left: -1.136+/-0.644 χ^2/NDF: 291.5/23

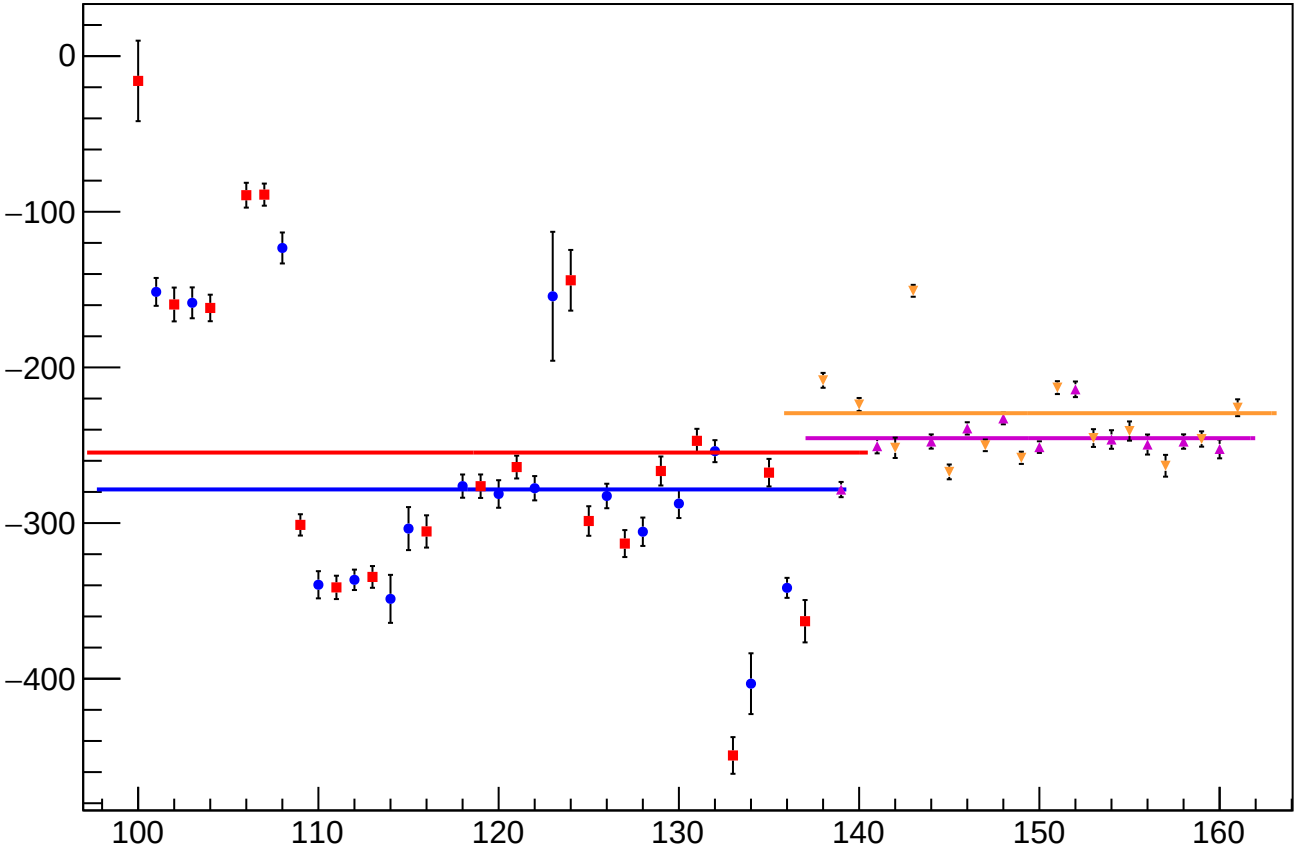
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 5.932+/-0.734 χ^2/NDF:675.1/27

Out: 4.711+/-0.679 χ^2/NDF:713.9/31

All: 5.274+/-0.499 χ^2/NDF: 1390.4/59

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: -229.408+/-1.310 χ^2/NDF:663.4/12

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -245.465+/-1.405 χ^2/NDF:104.1/10

Left: -236.875+/-0.958 χ^2/NDF: 837.4/23

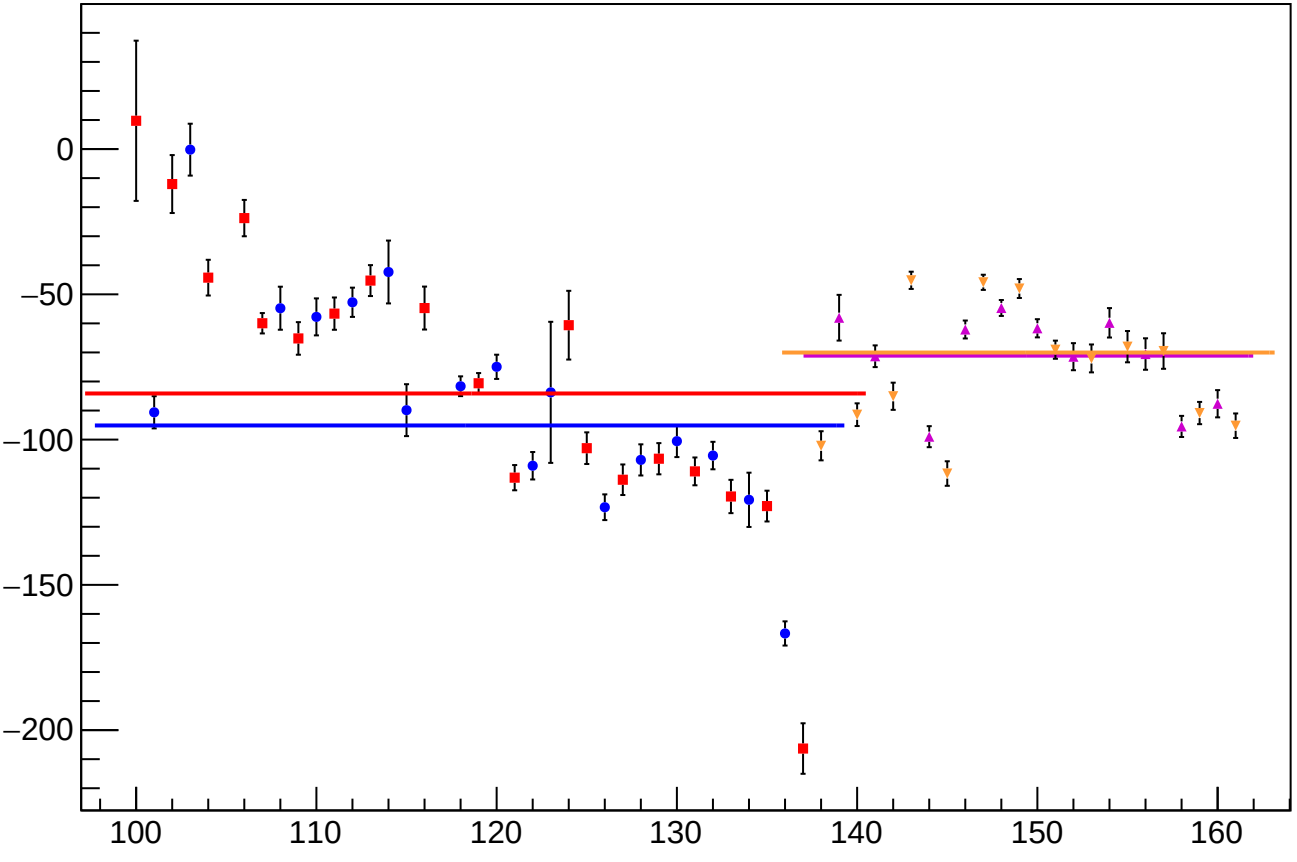
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -255.202+/-1.179 χ^2/NDF:1177.1/27

Out: -236.893+/-1.099 χ^2/NDF:2812.3/31

All: -245.407+/-0.804 χ^2/NDF: 4118.6/59

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: -70.032+/-1.058 χ^2/NDF:445.8/12

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -71.100+/-1.159 χ^2/NDF:178.0/10

Left: -70.517+/-0.781 χ^2/NDF: 624.2/23

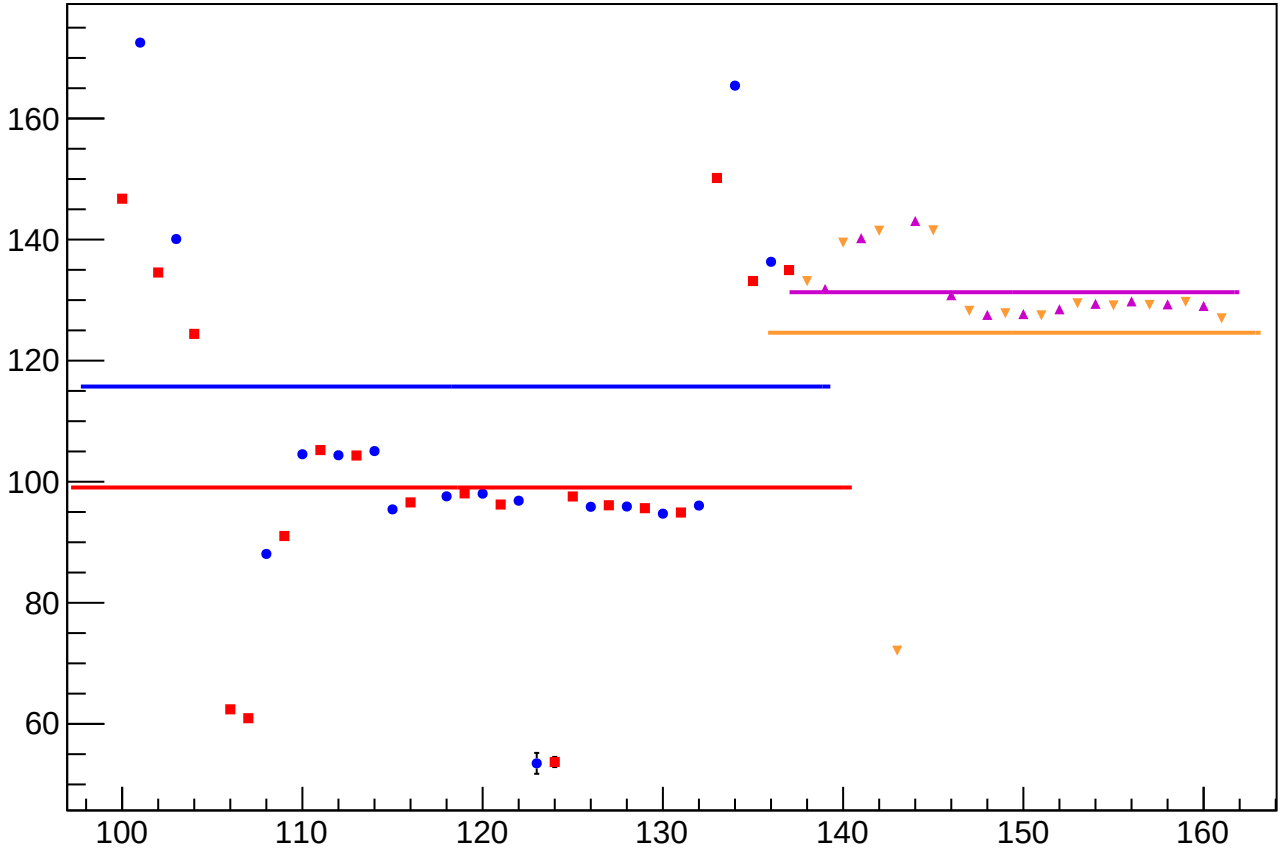
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -81.538+/-0.872 χ^2/NDF:1039.8/27

Out: -75.868+/-0.810 χ^2/NDF:1302.1/31

All: -78.496+/-0.593 χ^2/NDF: 2364.6/59

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 124.615+/-0.053 χ^2/NDF:141384.7/12

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 131.305+/-0.056 χ^2/NDF:7384.0/10

Left: 127.764+/-0.038 χ^2/NDF: 156364.1/23

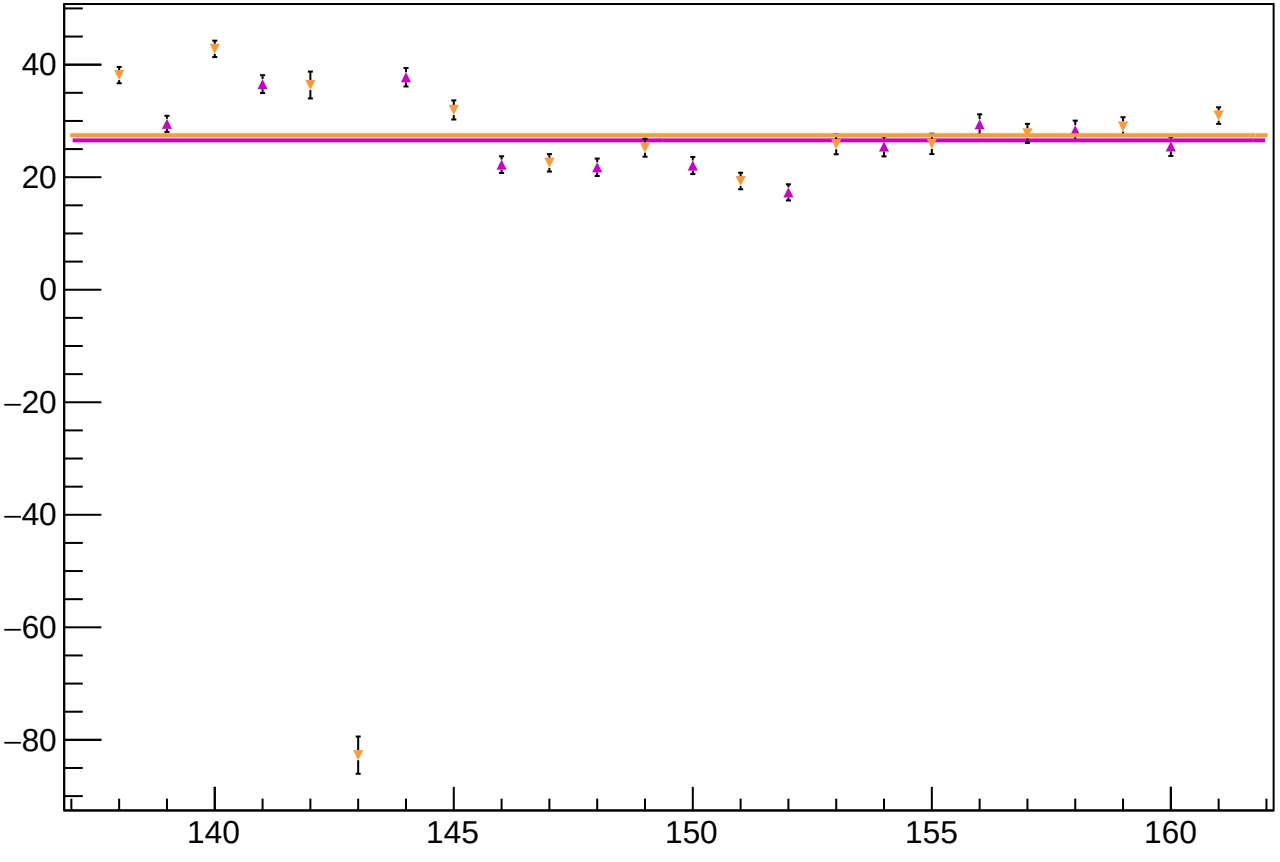
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 126.023+/-0.045 χ^2/NDF:140163.0/27

Out: 115.117+/-0.042 χ^2/NDF:402383.3/31

All: 120.114+/-0.031 χ^2/NDF: 573808.6/59

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 27.462+/-0.465 χ^2/NDF:1344.1/12

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

Left In: 26.550+/-0.478 χ^2/NDF:163.0/10

Left: 27.019+/-0.334 χ^2/NDF: 1509.0/23

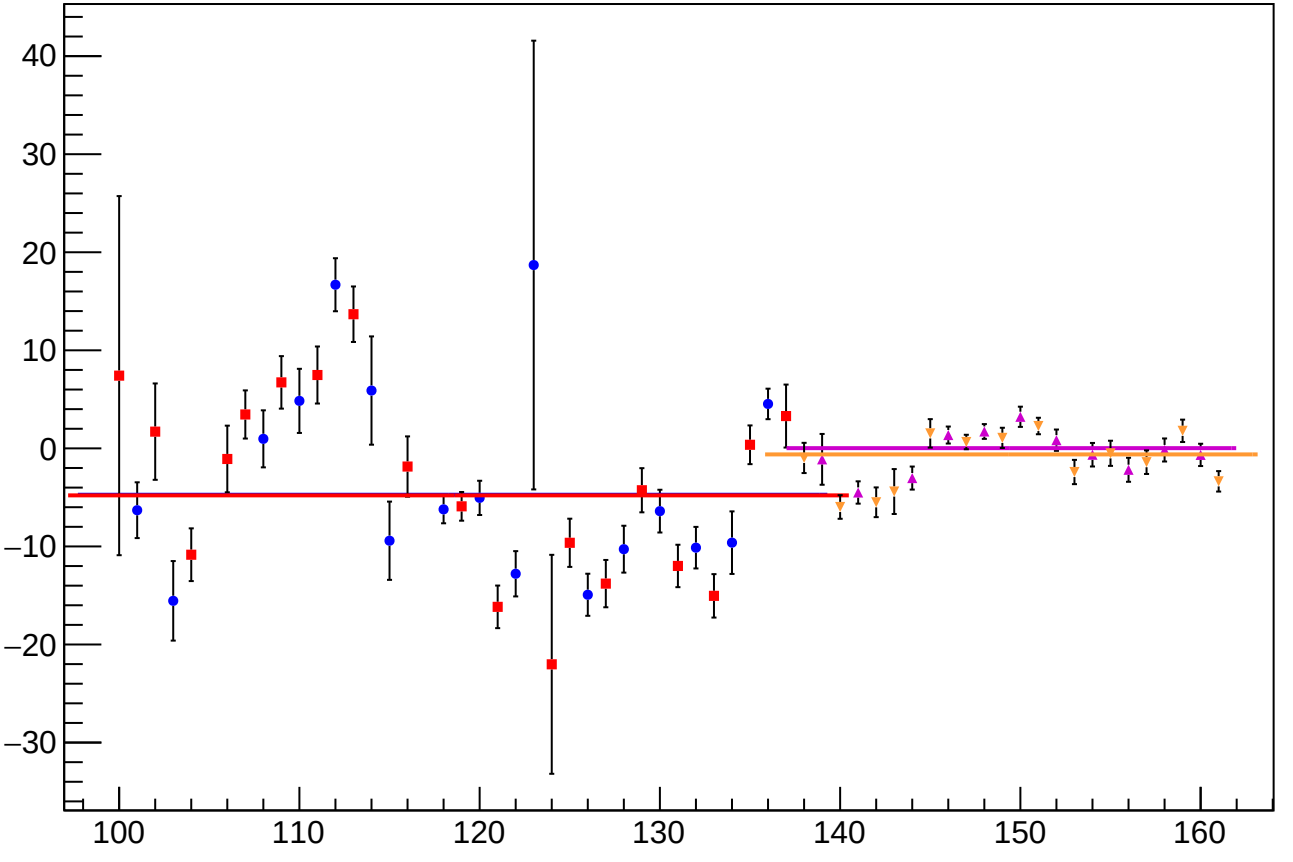
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 26.550+/-0.478 χ^2/NDF:163.0/10

Out: 27.462+/-0.465 χ^2/NDF:1344.1/12

All: 27.019+/-0.334 χ^2/NDF: 1509.0/23

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -0.615+/-0.316 χ^2/NDF:66.6/12

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: 0.023+/-0.326 χ^2/NDF:44.3/10

Left: -0.307+/-0.227 χ^2/NDF: 112.9/23

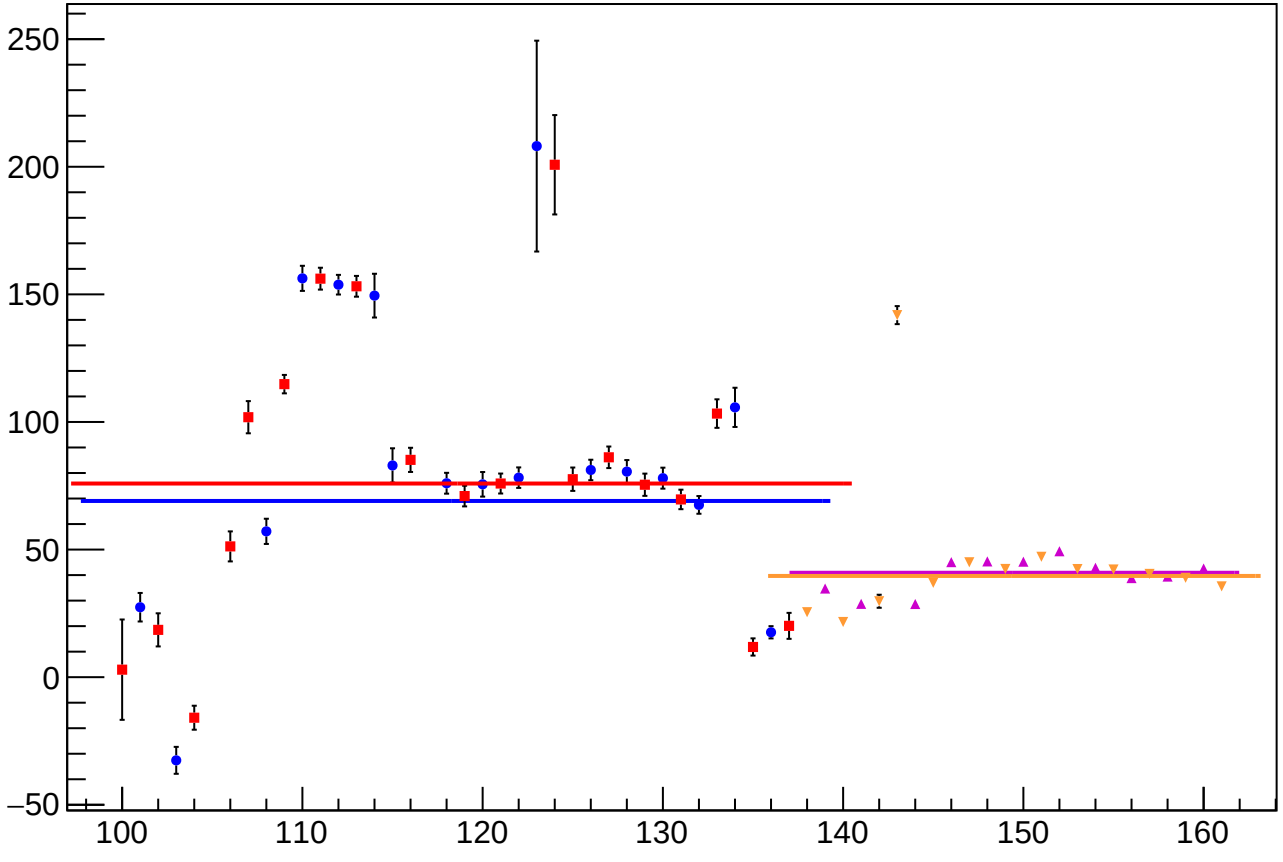
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -1.122+/-0.284 χ^2/NDF:270.2/27

Out: -1.555+/-0.278 χ^2/NDF:299.5/31

All: -1.344+/-0.199 χ^2/NDF: 570.9/59

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: 39.666+/-0.454 χ^2/NDF:1129.2/12

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 40.910+/-0.465 χ^2/NDF:186.4/10

Left: 40.274+/-0.325 χ^2/NDF: 1319.2/23

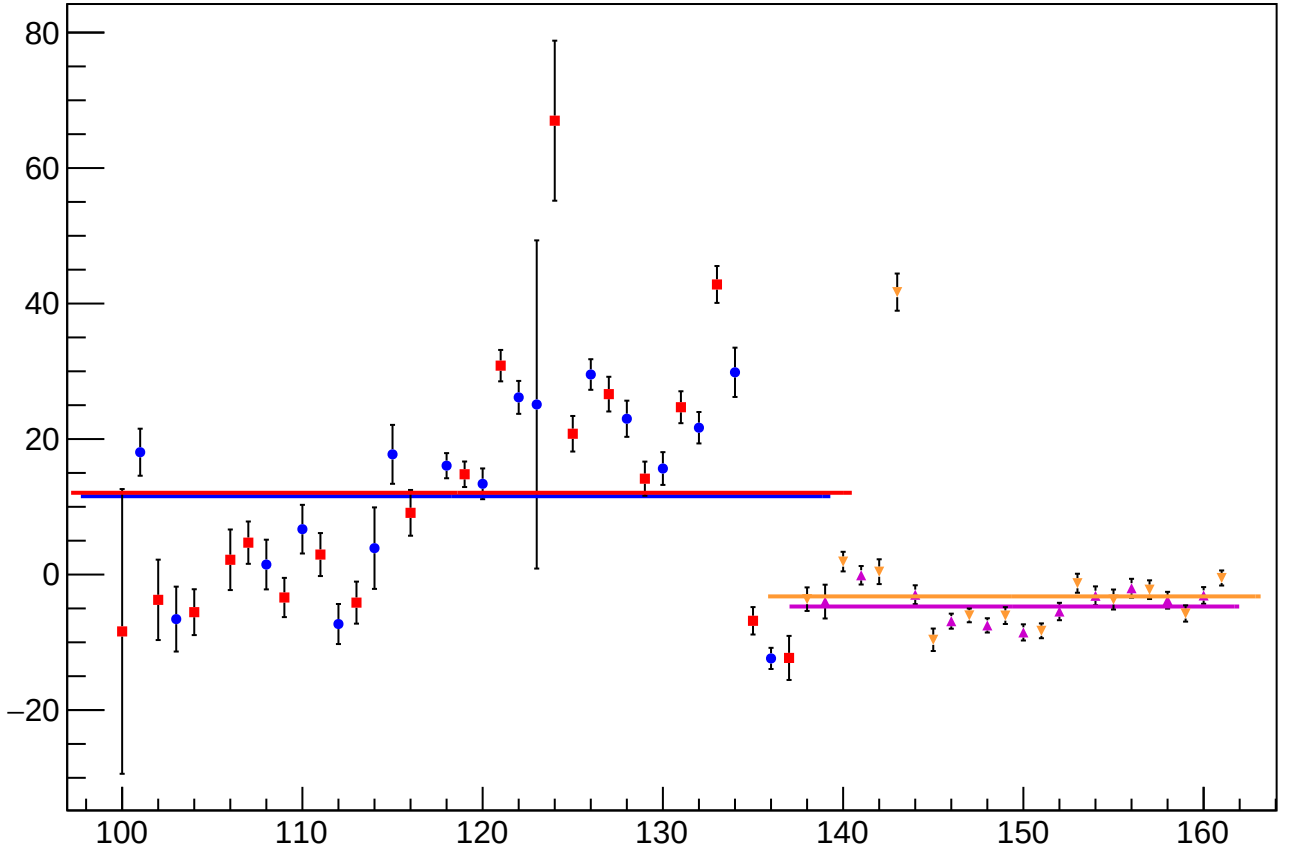
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 45.330+/-0.427 χ^2/NDF:2609.9/27

Out: 45.203+/-0.418 χ^2/NDF:3995.3/31

All: 45.265+/-0.299 χ^2/NDF: 6605.3/59

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: -3.223+/-0.377 χ^2/NDF:346.9/12

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -4.716+/-0.390 χ^2/NDF:41.8/10

Left: -3.943+/-0.271 χ^2/NDF: 396.3/23

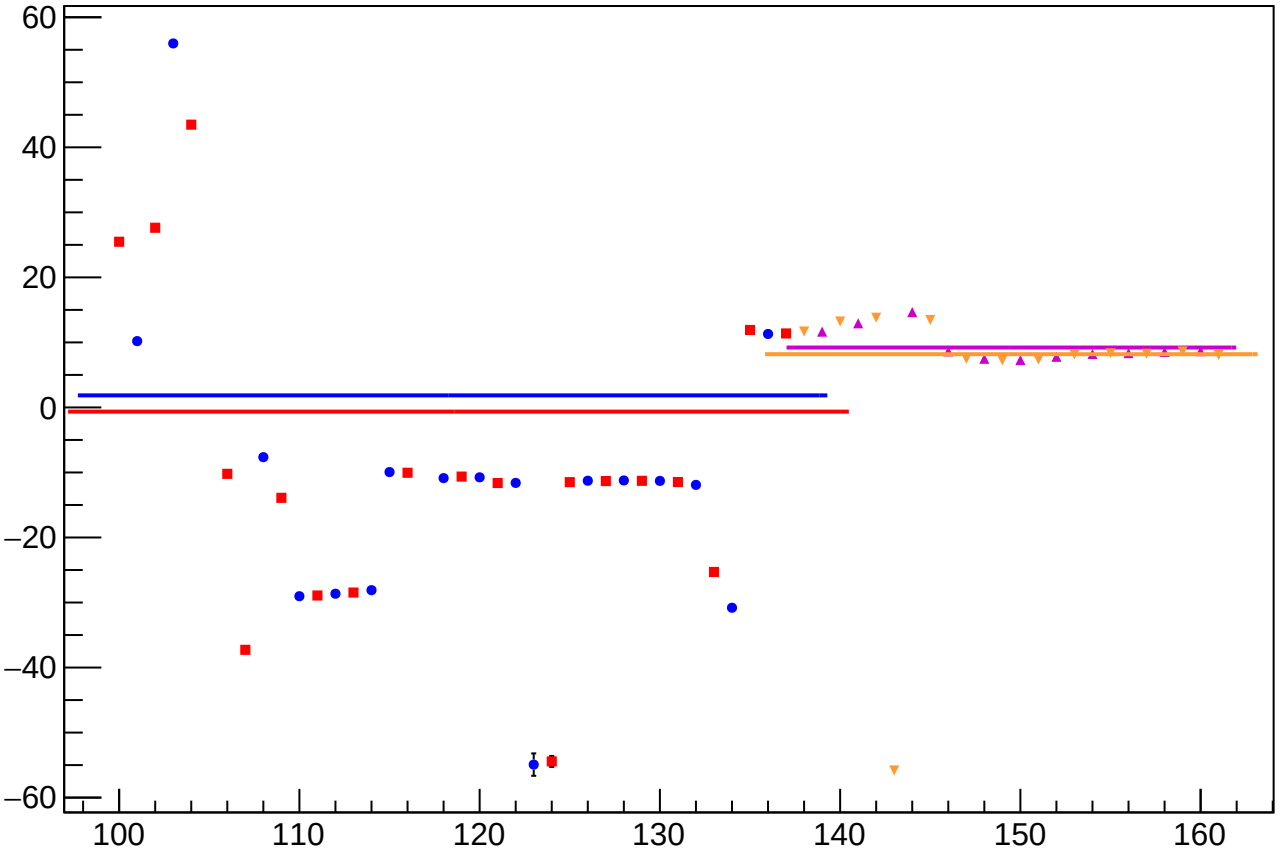
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: -0.488+/-0.335 χ^2/NDF:972.9/27

Out: 0.494+/-0.328 χ^2/NDF:1291.2/31

All: 0.015+/-0.234 χ^2/NDF: 2268.5/59

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: 8.186+/-0.018 χ^2/NDF:222510.2/12

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 9.211+/-0.018 χ^2/NDF:13347.5/10

Left: 8.689+/-0.013 χ^2/NDF: 237499.4/23

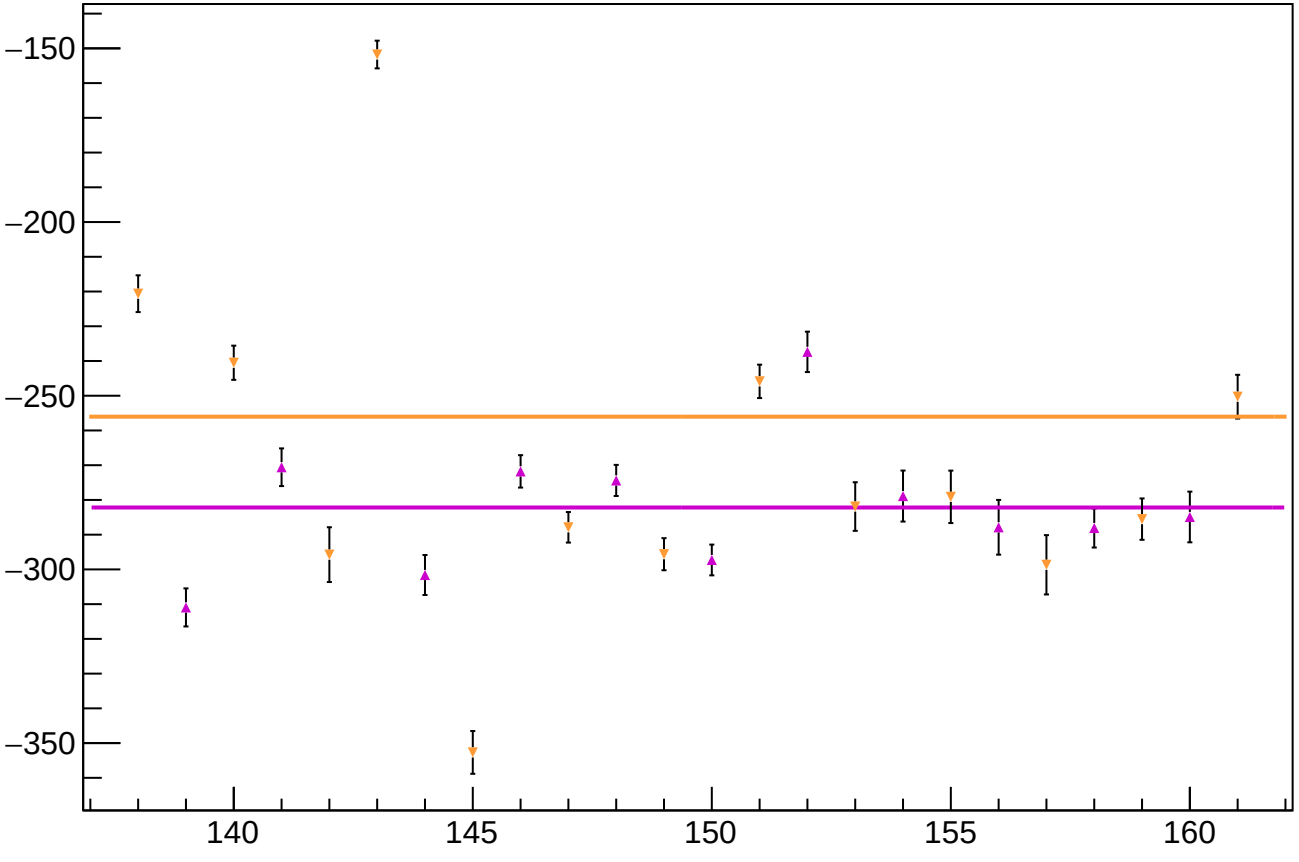
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.797+/-0.016 χ^2/NDF:404689.5/27

Out: 6.544+/-0.016 χ^2/NDF:630374.2/31

All: 7.161+/-0.011 χ^2/NDF: 1038090.4/59

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: -256.031+/-1.526 χ^2/NDF:1213.1/12

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

Left In: -282.177+/-1.669 χ^2/NDF:124.5/10

Left: -267.939+/-1.126 χ^2/NDF: 1471.2/23

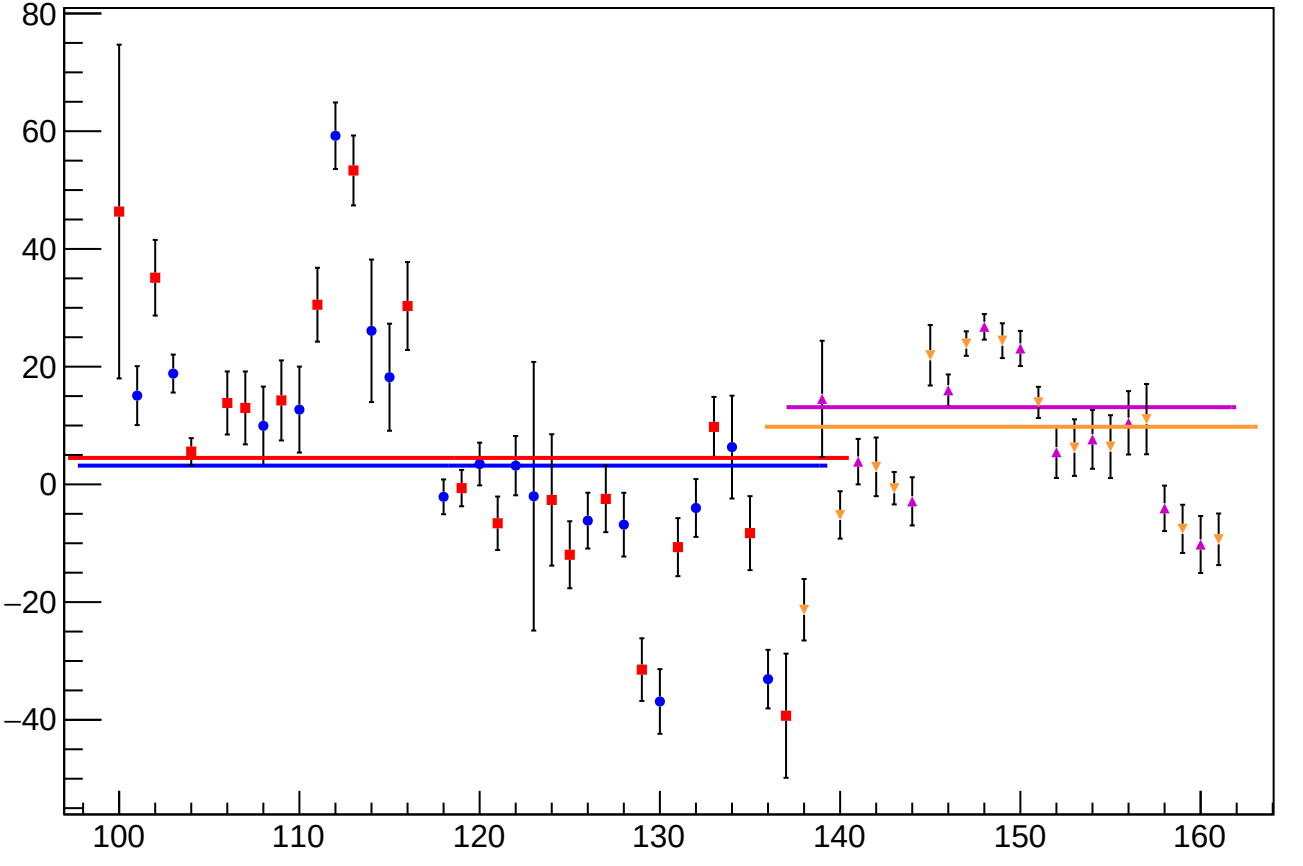
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -282.177+/-1.669 χ^2/NDF:124.5/10

Out: -256.031+/-1.526 χ^2/NDF:1213.1/12

All: -267.939+/-1.126 χ^2/NDF: 1471.2/23

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: 9.789+/-0.993 χ^2/NDF:182.0/12

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 13.117+/-1.094 χ^2/NDF:120.3/10

Left: 11.292+/-0.735 χ^2/NDF: 307.4/23

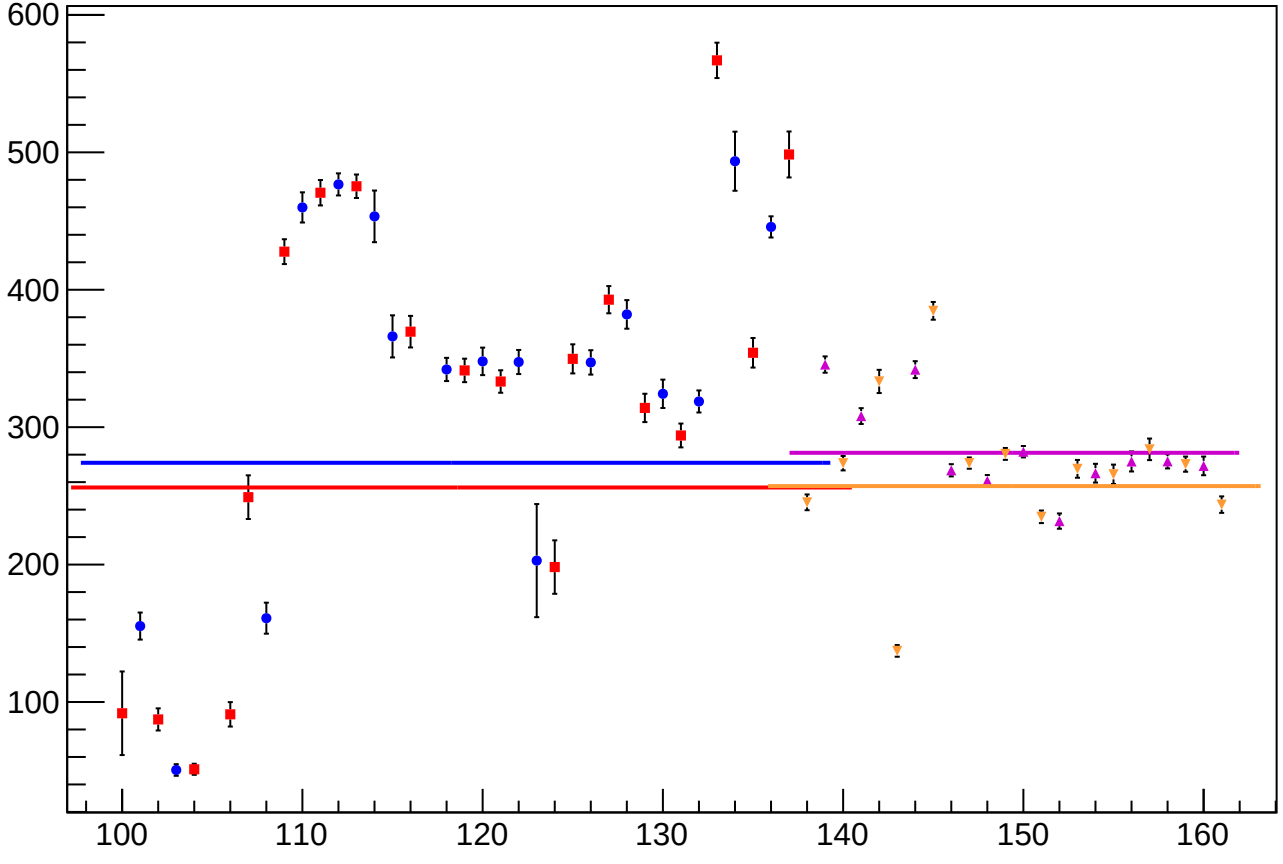
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 8.713+/-0.816 χ^2/NDF:412.5/27

Out: 7.550+/-0.754 χ^2/NDF:419.4/31

All: 8.086+/-0.554 χ^2/NDF: 833.1/59

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: 257.116+/-1.505 χ^2/NDF:1379.1/12

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 281.348+/-1.619 χ^2/NDF:355.5/10

Left: 268.354+/-1.102 χ^2/NDF: 1854.7/23

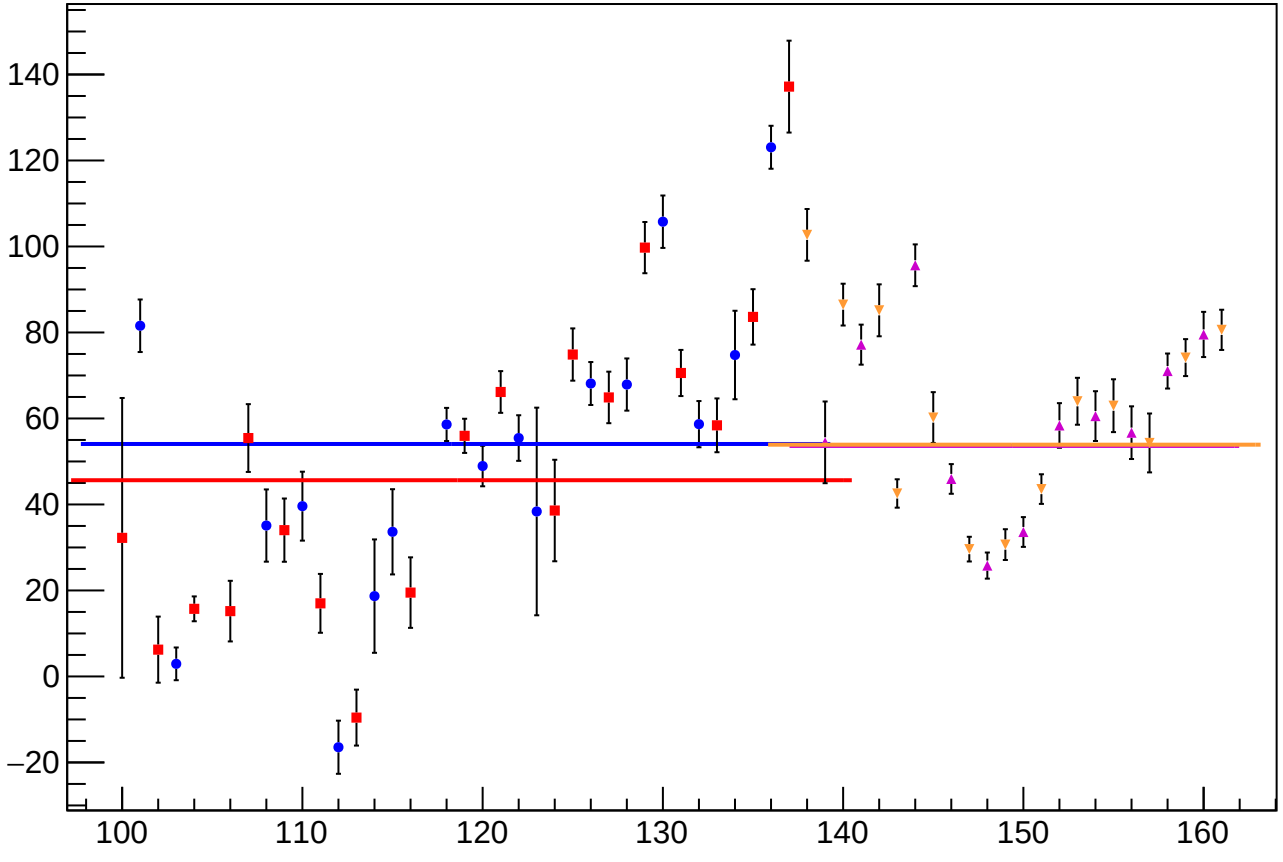
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 278.781+/-1.302 χ^2/NDF:5474.6/27

Out: 256.770+/-1.220 χ^2/NDF:7823.3/31

All: 267.057+/-0.890 χ^2/NDF: 13450.1/59

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: 53.903+/-1.210 χ^2/NDF:333.6/12

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 53.612+/-1.330 χ^2/NDF:267.9/10

Left: 53.771+/-0.895 χ^2/NDF: 601.5/23

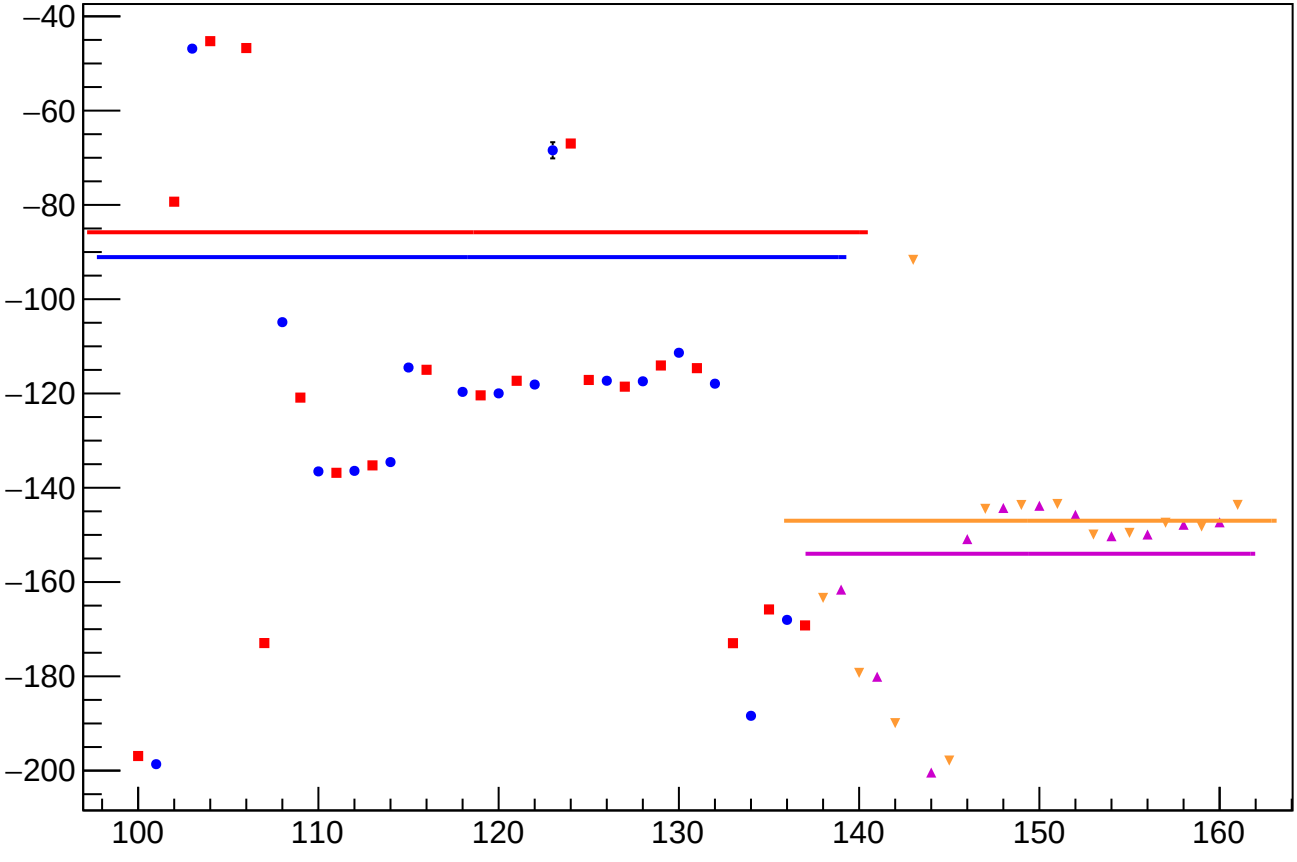
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 53.824+/-0.971 χ^2/NDF:902.3/27

Out: 50.247+/-0.904 χ^2/NDF:885.0/31

All: 51.908+/-0.662 χ^2/NDF: 1794.6/59

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: -146.993+/-0.061 χ^2/NDF:187044.0/12

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -154.000+/-0.064 χ^2/NDF:53661.8/10

Left: -150.288+/-0.044 χ^2/NDF: 246987.8/23

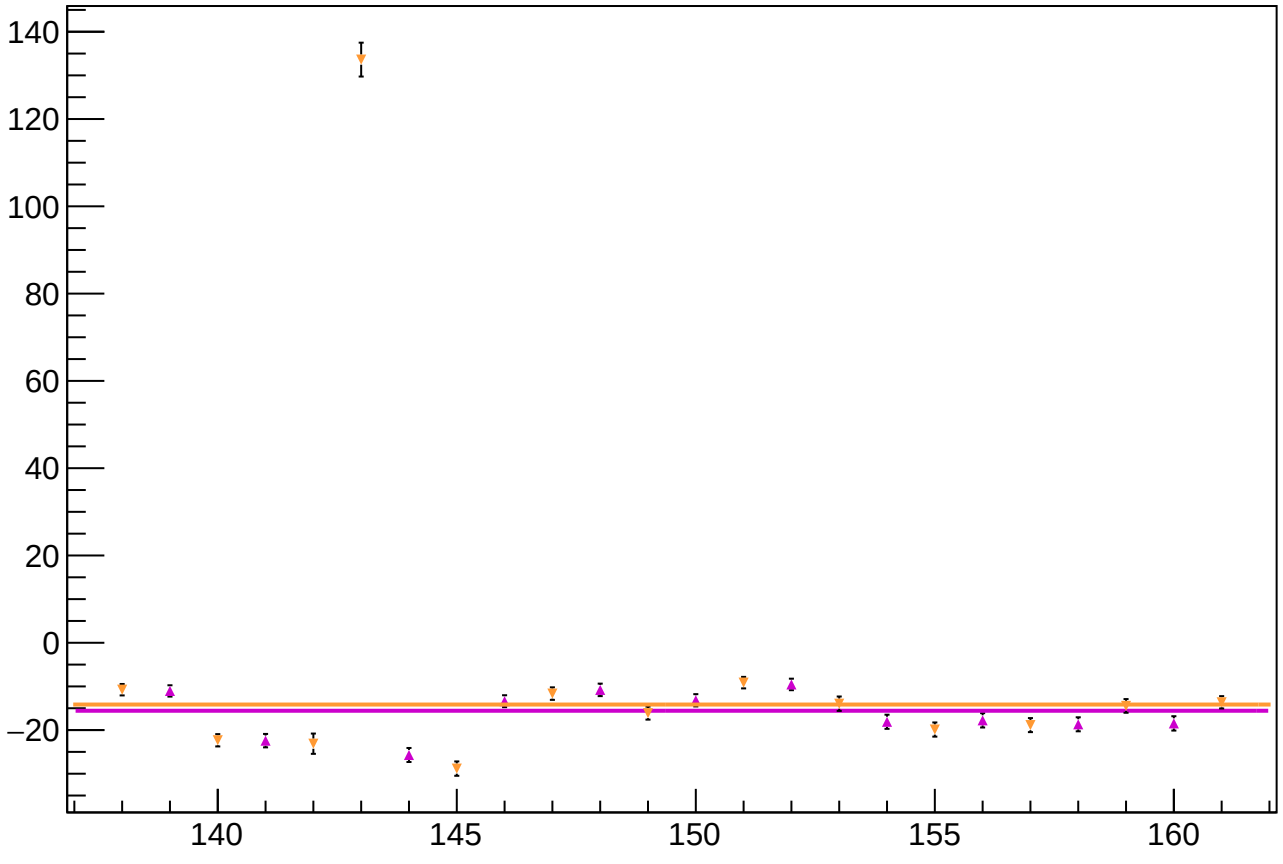
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -124.058+/-0.047 χ^2/NDF:1043451.3/27

Out: -118.548+/-0.044 χ^2/NDF:1156588.3/31

All: -121.168+/-0.032 χ^2/NDF: 2207378.2/59

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: -14.151+/-0.436 χ^2/NDF:1624.6/12

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

Left In: -15.574+/-0.447 χ^2/NDF:120.3/10

Left: -14.846+/-0.312 χ^2/NDF: 1750.1/23

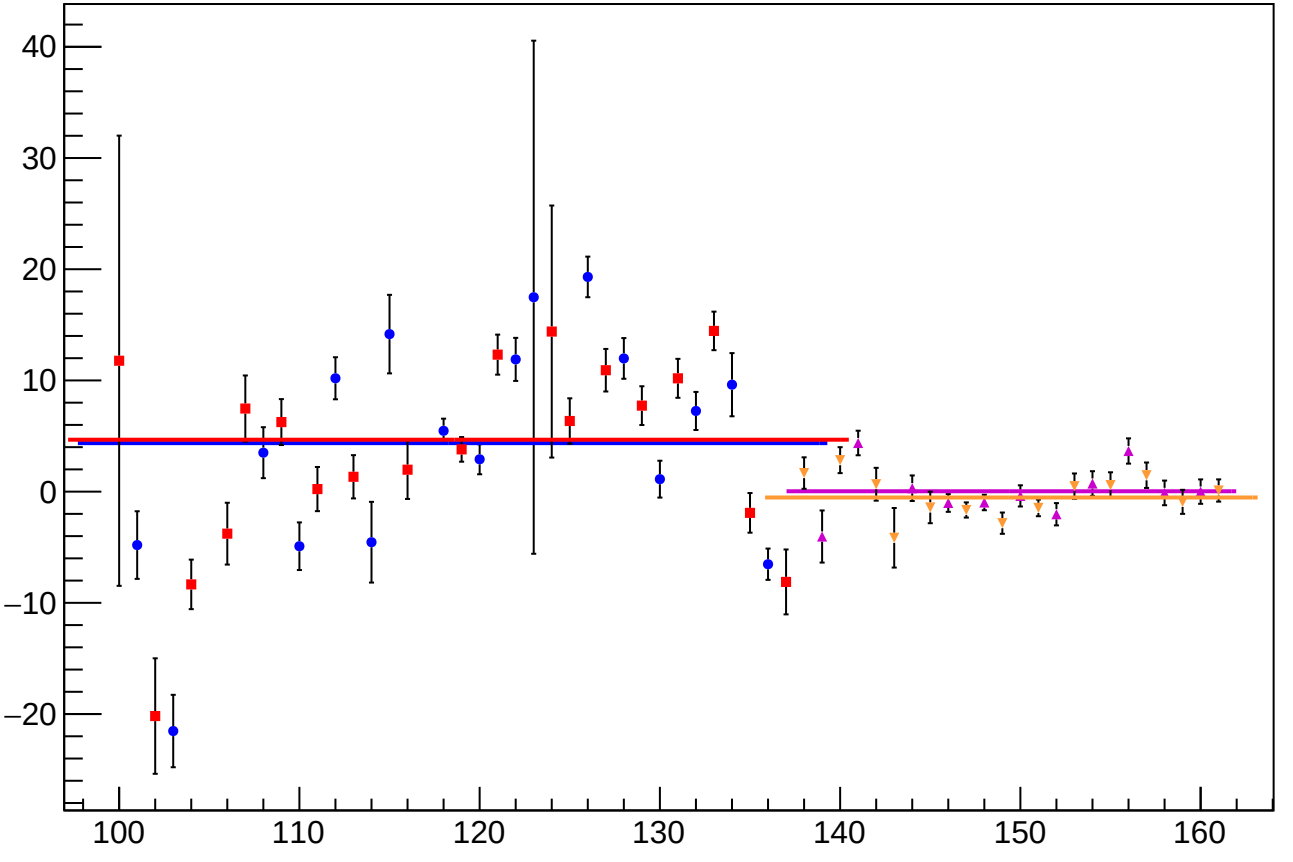
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.574+/-0.447 χ^2/NDF:120.3/10

Out: -14.151+/-0.436 χ^2/NDF:1624.6/12

All: -14.846+/-0.312 χ^2/NDF: 1750.1/23

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: -0.527+/-0.295 χ^2/NDF:29.0/12

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.034+/-0.305 χ^2/NDF:37.4/10

Left: -0.256+/-0.212 χ^2/NDF: 68.1/23

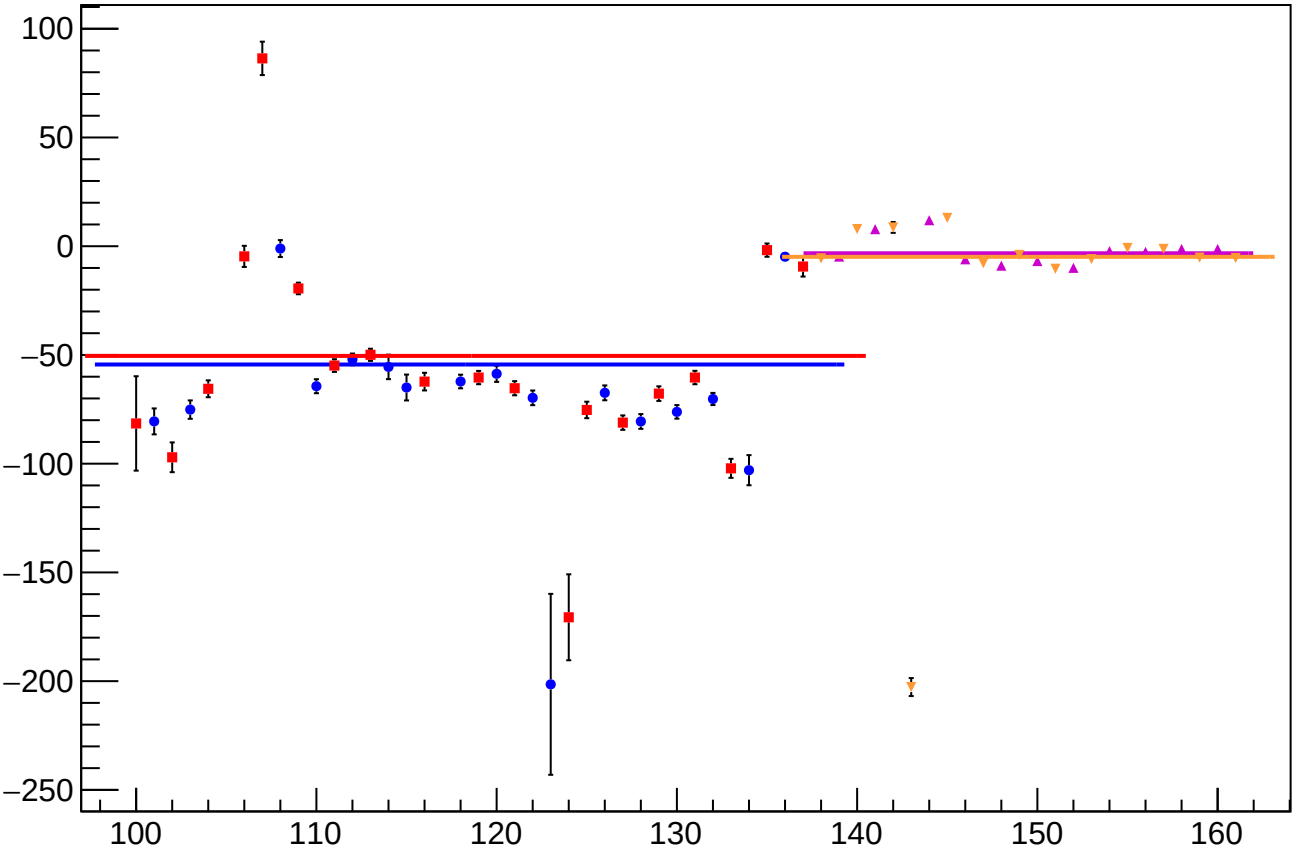
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.341+/-0.255 χ^2/NDF:384.5/27

Out: 0.923+/-0.250 χ^2/NDF:301.0/31

All: 1.128+/-0.179 χ^2/NDF: 686.8/59

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: -4.880+/-0.425 χ^2/NDF:2529.9/12

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -3.252+/-0.434 χ^2/NDF:187.2/10

Left: -4.082+/-0.304 χ^2/NDF: 2724.3/23

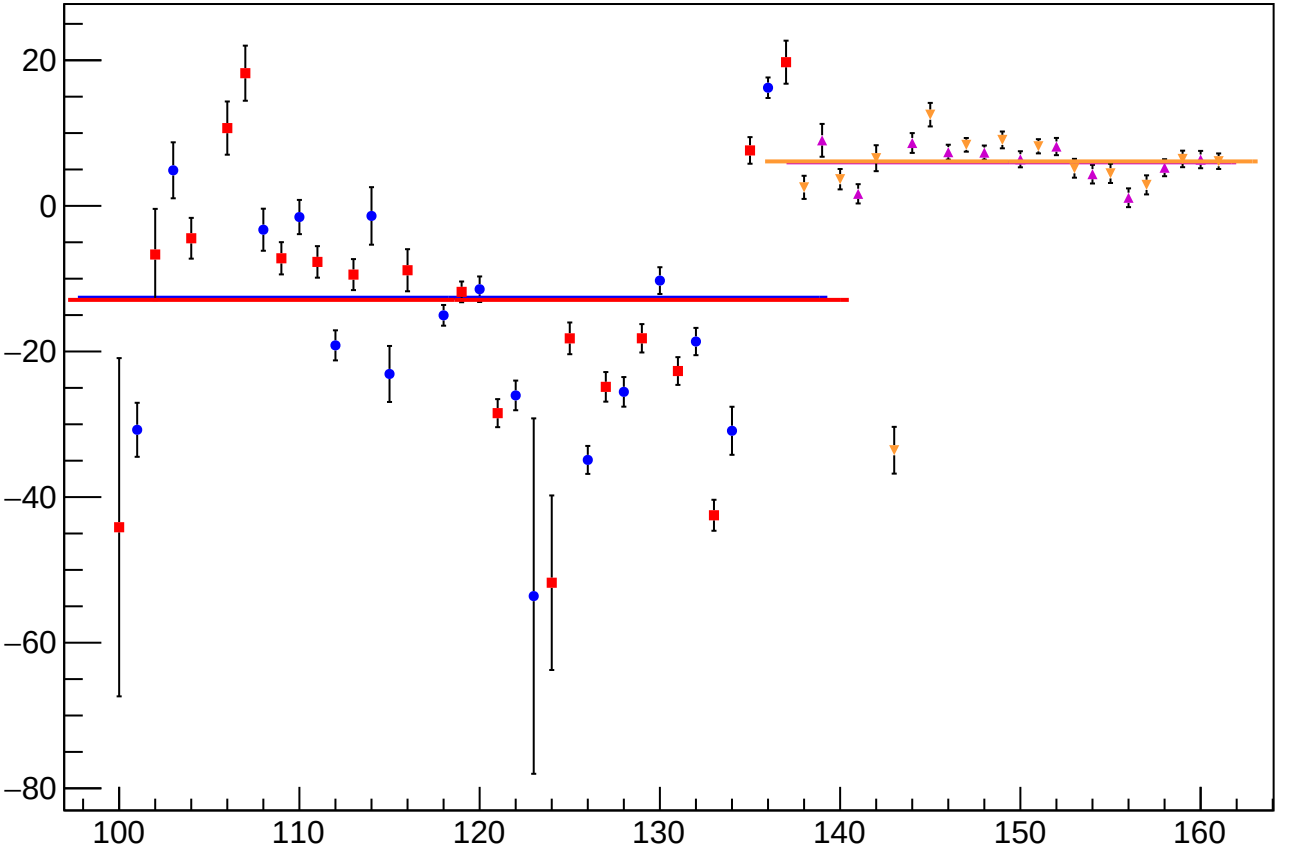
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -13.580+/-0.388 χ^2/NDF:4006.1/27

Out: -13.876+/-0.381 χ^2/NDF:6120.9/31

All: -13.730+/-0.272 χ^2/NDF: 10127.3/59

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: 6.107+/-0.353 χ^2/NDF:201.7/12

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 5.981+/-0.365 χ^2/NDF:39.8/10

Left: 6.046+/-0.254 χ^2/NDF: 241.6/23

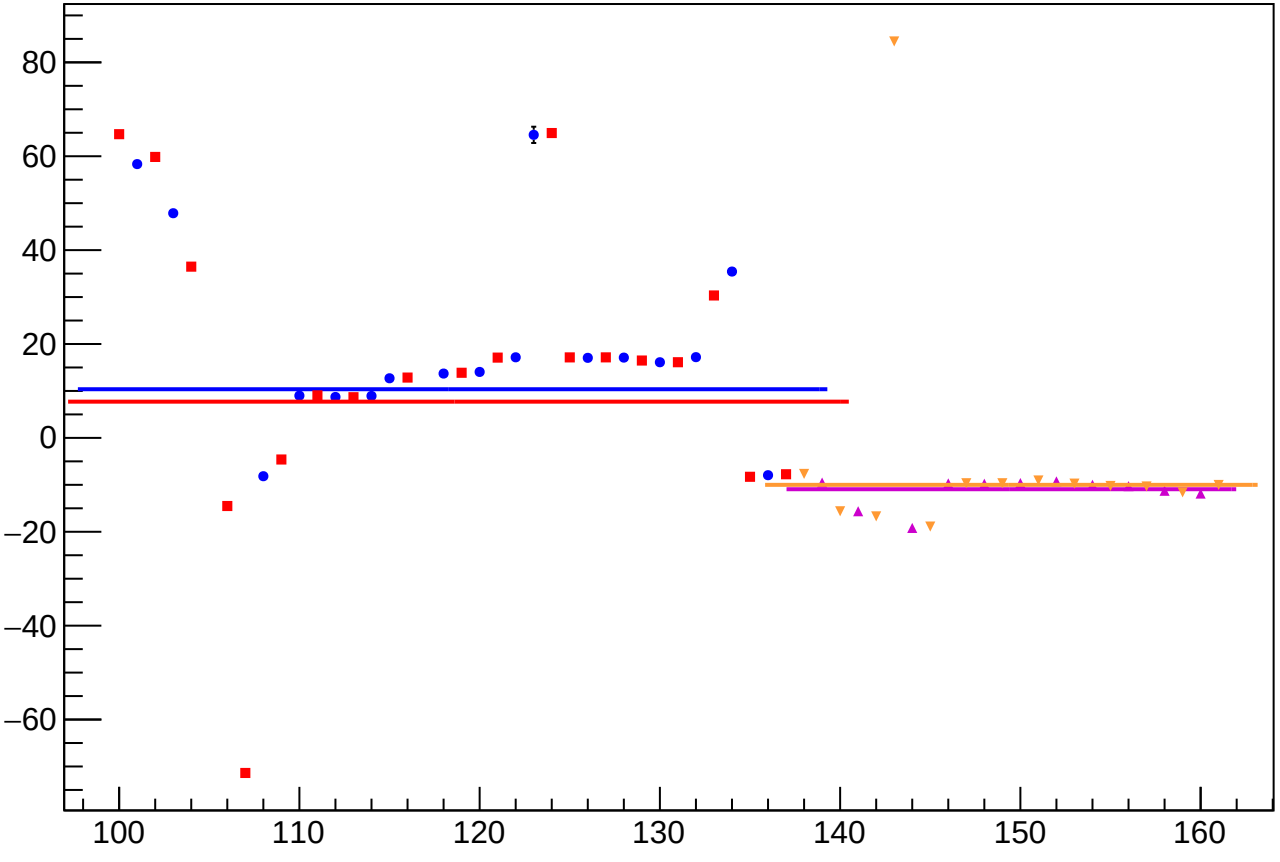
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: -0.002+/-0.301 χ^2/NDF:1662.6/27

Out: 0.395+/-0.295 χ^2/NDF:1805.6/31

All: 0.200+/-0.211 χ^2/NDF: 3469.1/59

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: -10.002+/-0.017 χ^2/NDF:355763.3/12

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -10.937+/-0.017 χ^2/NDF:21196.2/10

Left: -10.462+/-0.012 χ^2/NDF: 378525.7/23

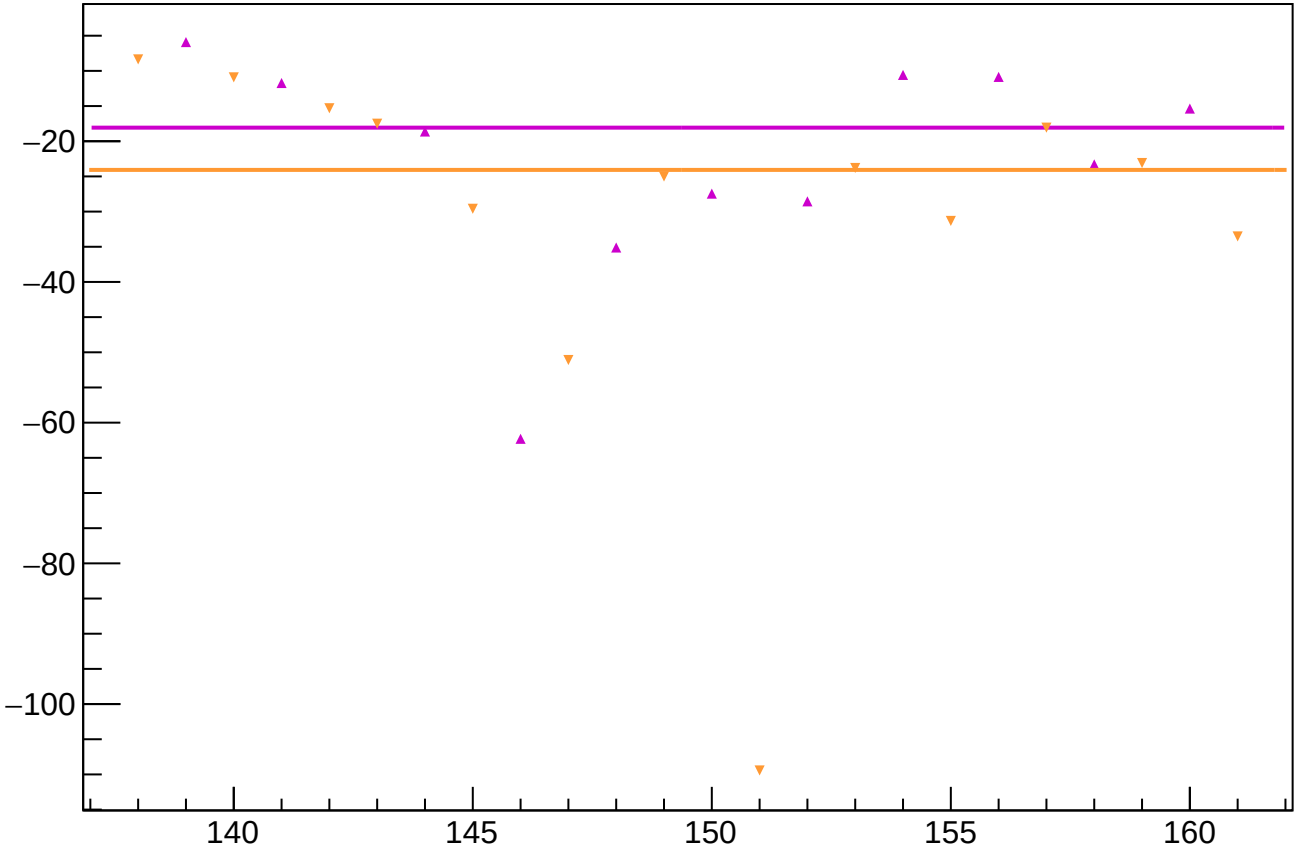
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -5.971+/-0.015 χ^2/NDF:775423.3/27

Out: -6.114+/-0.015 χ^2/NDF:1151801.1/31

All: -6.043+/-0.010 χ^2/NDF: 1927272.1/59

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: -24.075+/-0.072 χ^2/NDF:52159.5/12

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

Left In: -18.069+/-0.063 χ^2/NDF:36787.7/10

Left: -20.689+/-0.048 χ^2/NDF: 92853.0/23

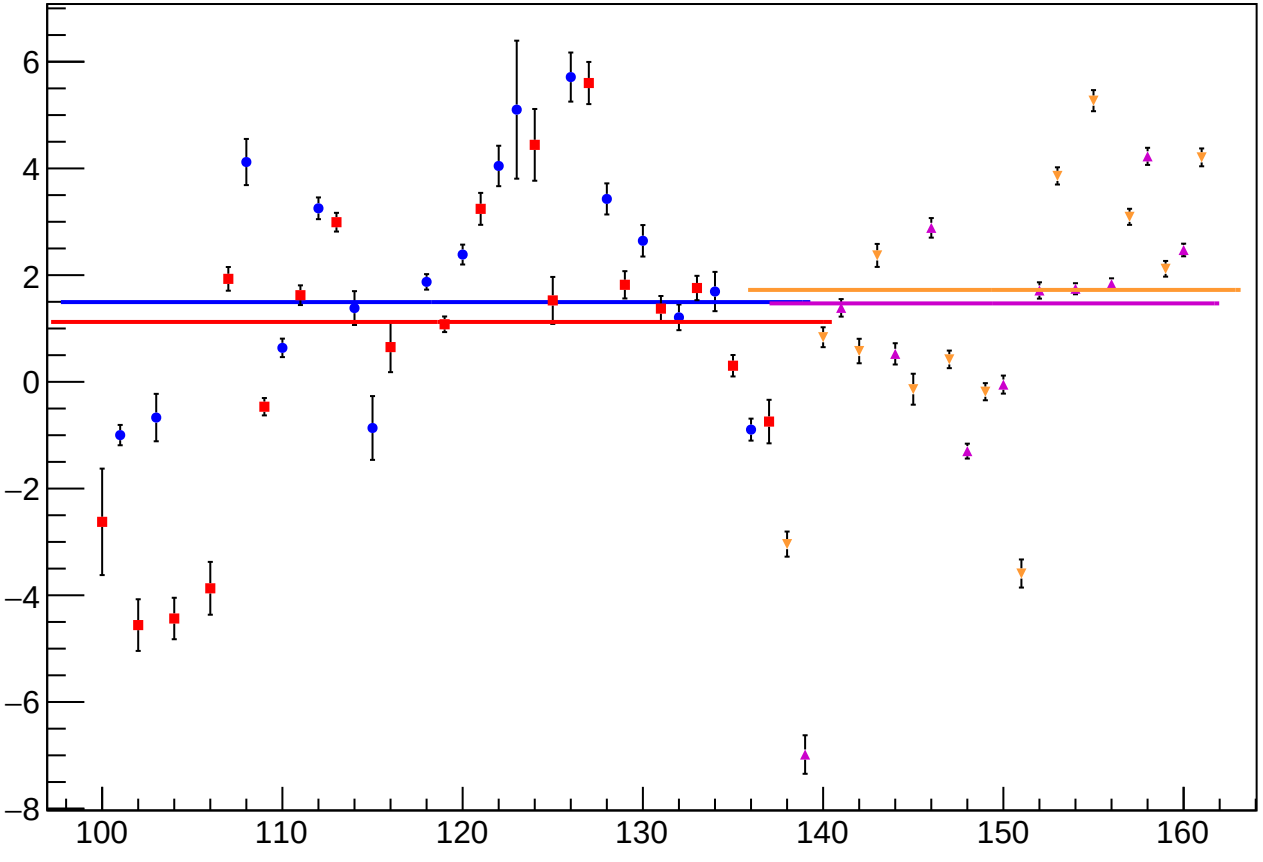
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.069+/-0.063 χ^2/NDF:36787.7/10

Out: -24.075+/-0.072 χ^2/NDF:52159.5/12

All: -20.689+/-0.048 χ^2/NDF: 92853.0/23

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: 1.723+/-0.051 χ^2/NDF:1926.0/12

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.470+/-0.044 χ^2/NDF:1491.7/10

Left: 1.578+/-0.033 χ^2/NDF: 3431.6/23

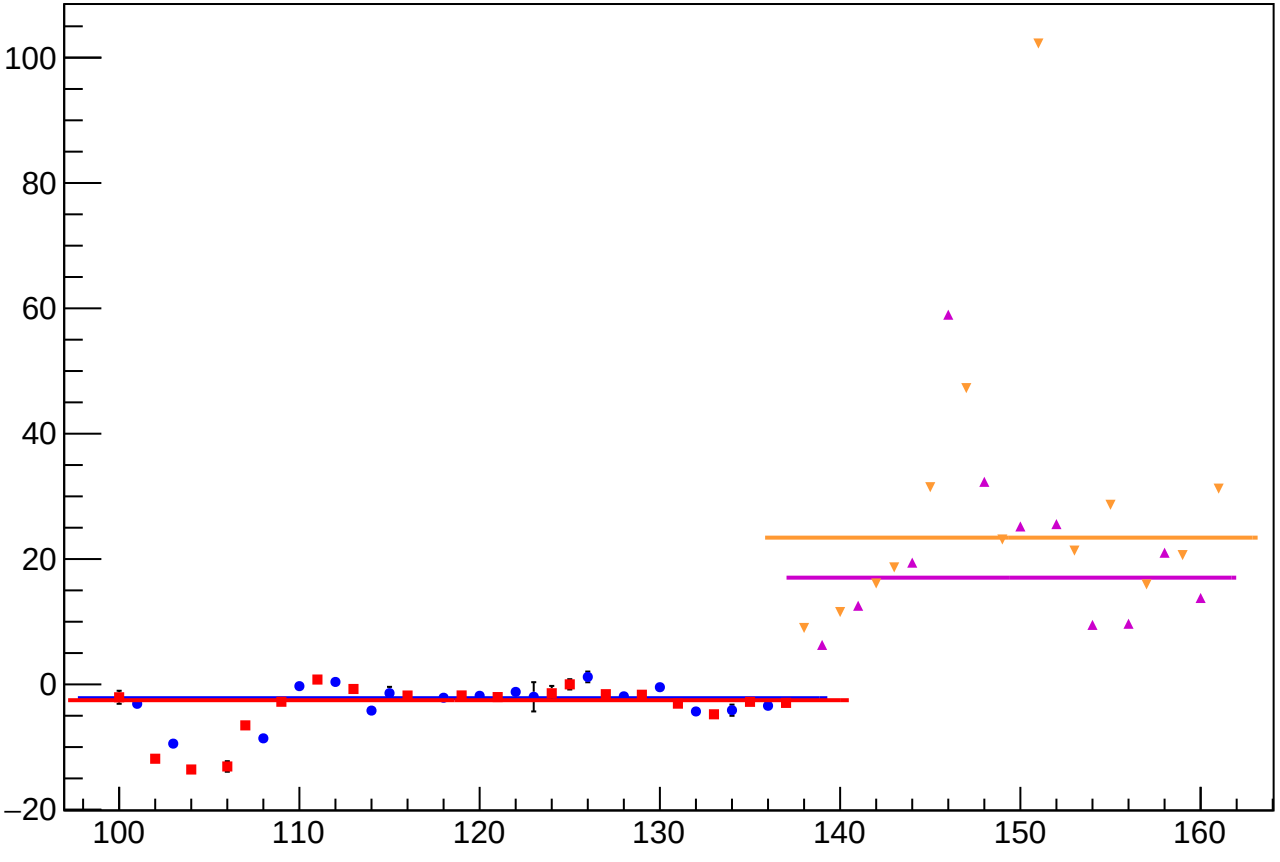
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.479+/-0.036 χ^2/NDF:2200.6/27

Out: 1.460+/-0.039 χ^2/NDF:2932.3/31

All: 1.470+/-0.026 χ^2/NDF: 5133.0/59

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: 23.416+/-0.071 χ^2/NDF:46925.4/12

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 17.029+/-0.061 χ^2/NDF:34730.1/10

Left: 19.753+/-0.046 χ^2/NDF: 86355.5/23

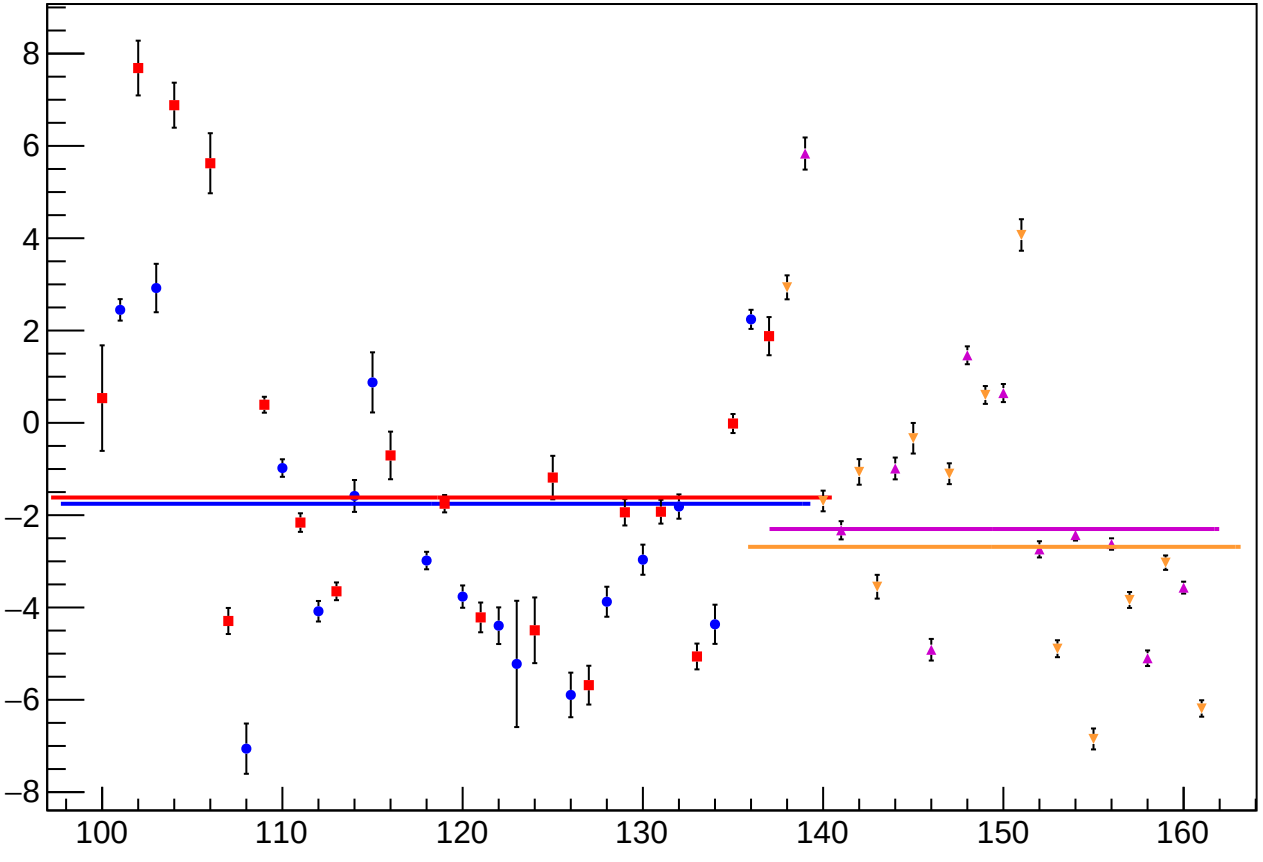
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 12.562+/-0.053 χ^2/NDF:58402.8/27

Out: 14.675+/-0.057 χ^2/NDF:93377.3/31

All: 13.540+/-0.039 χ^2/NDF: 152507.7/59

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -2.686+/-0.060 χ^2/NDF:2230.7/12

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -2.300+/-0.051 χ^2/NDF:1691.9/10

Left: -2.463+/-0.039 χ^2/NDF: 3946.9/23

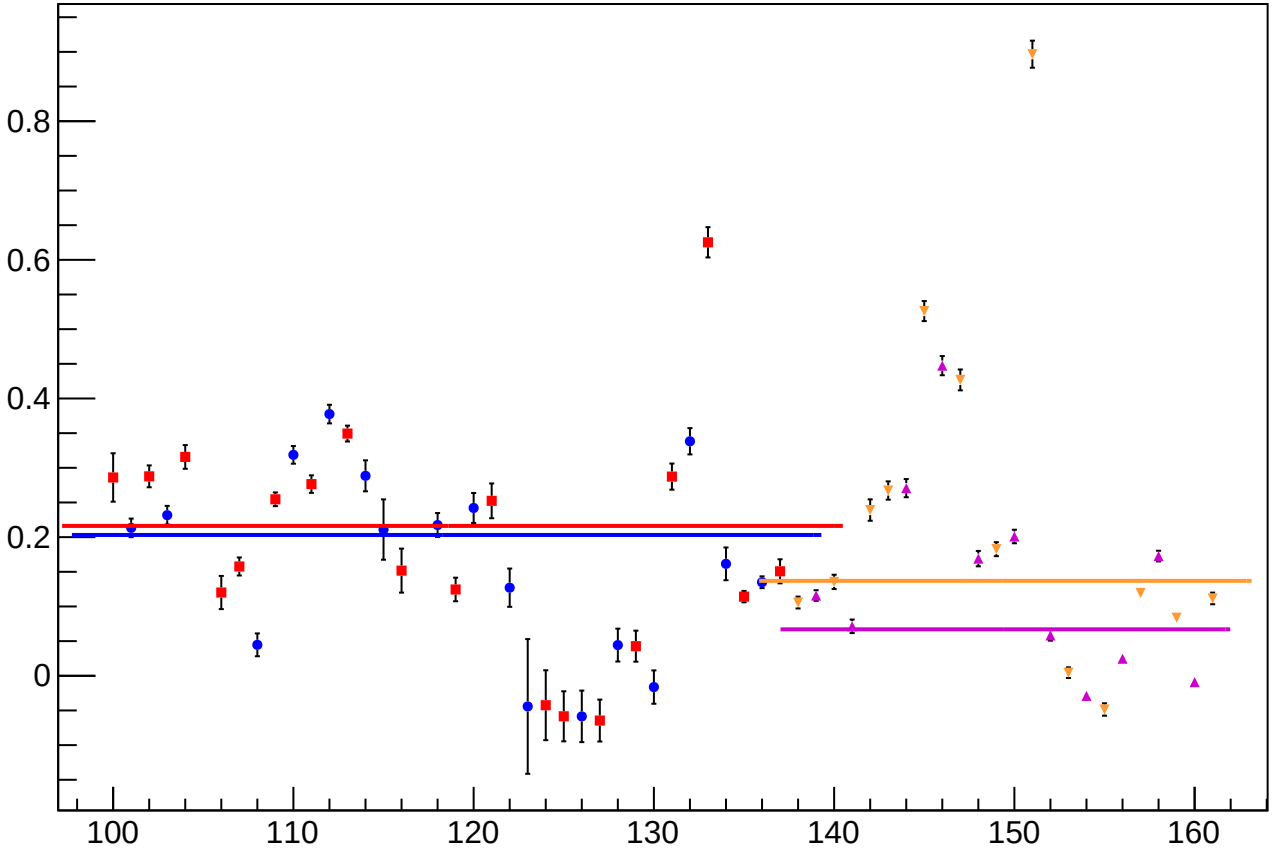
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -2.112+/-0.041 χ^2/NDF:3076.6/27

Out: -2.204+/-0.044 χ^2/NDF:3863.5/31

All: -2.155+/-0.030 χ^2/NDF: 6942.5/59

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: 0.137+/-0.003 χ^2/NDF:3578.7/12

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.067+/-0.002 χ^2/NDF:2119.0/10

Left: 0.096+/-0.002 χ^2/NDF: 6104.7/23

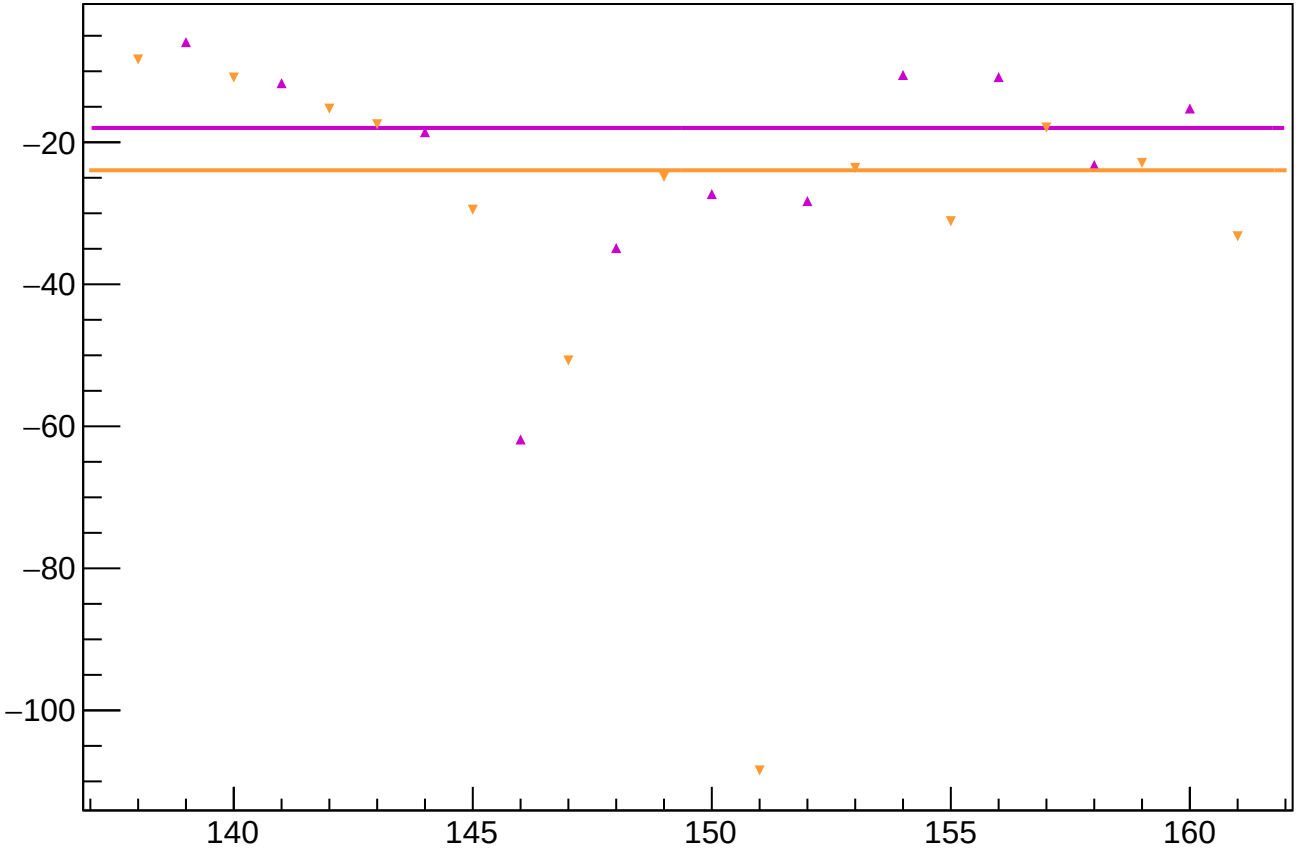
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.097+/-0.002 χ^2/NDF:3639.2/27

Out: 0.164+/-0.002 χ^2/NDF:4948.7/31

All: 0.127+/-0.001 χ^2/NDF: 9113.3/59

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.942+/-0.072 χ^2/NDF:52015.4/12

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

Left In: -17.982+/-0.063 χ^2/NDF:36723.4/10

Left: -20.583+/-0.047 χ^2/NDF: 92633.2/23

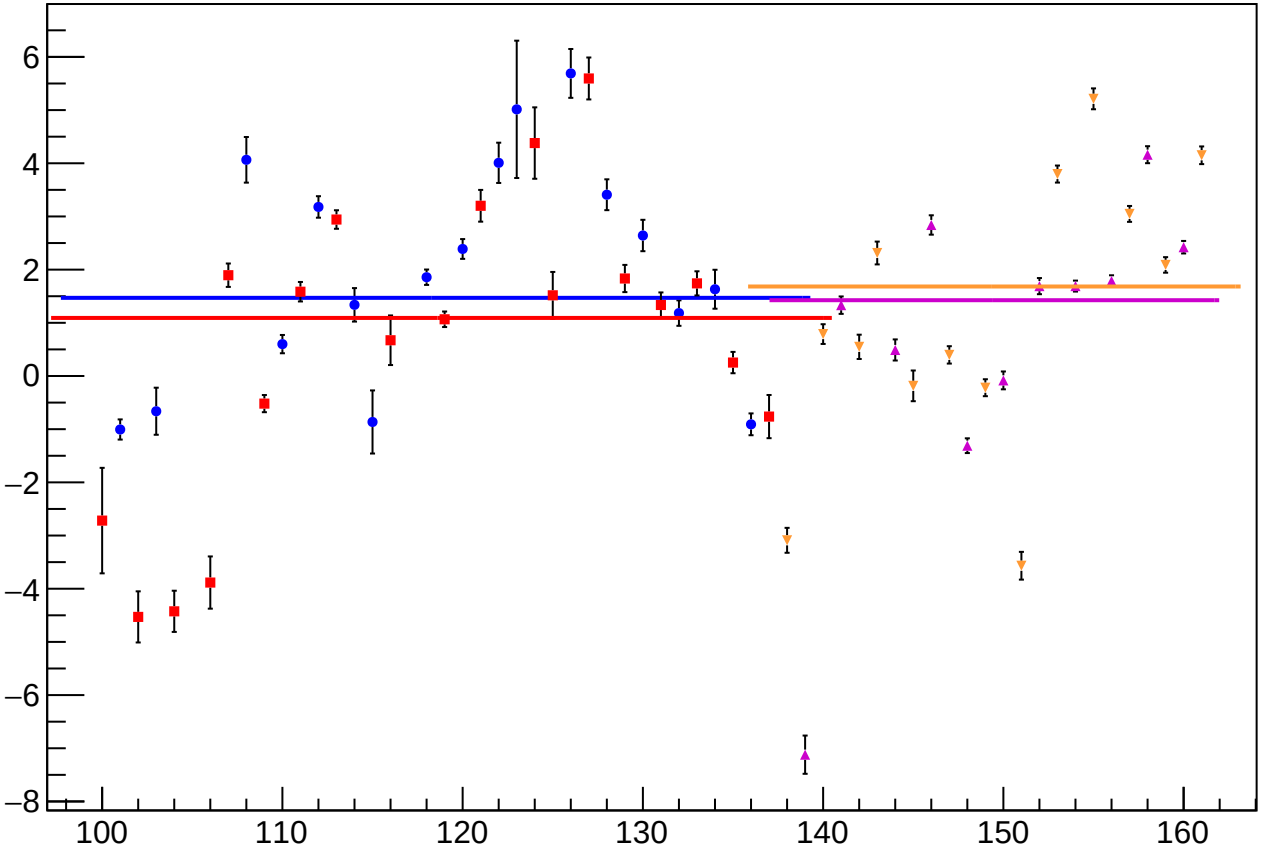
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.982+/-0.063 χ^2/NDF:36723.4/10

Out: -23.942+/-0.072 χ^2/NDF:52015.4/12

All: -20.583+/-0.047 χ^2/NDF: 92633.2/23

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: 1.683+/-0.051 χ^2/NDF:1931.6/12

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 1.425+/-0.044 χ^2/NDF:1503.9/10

Left: 1.534+/-0.033 χ^2/NDF: 3450.2/23

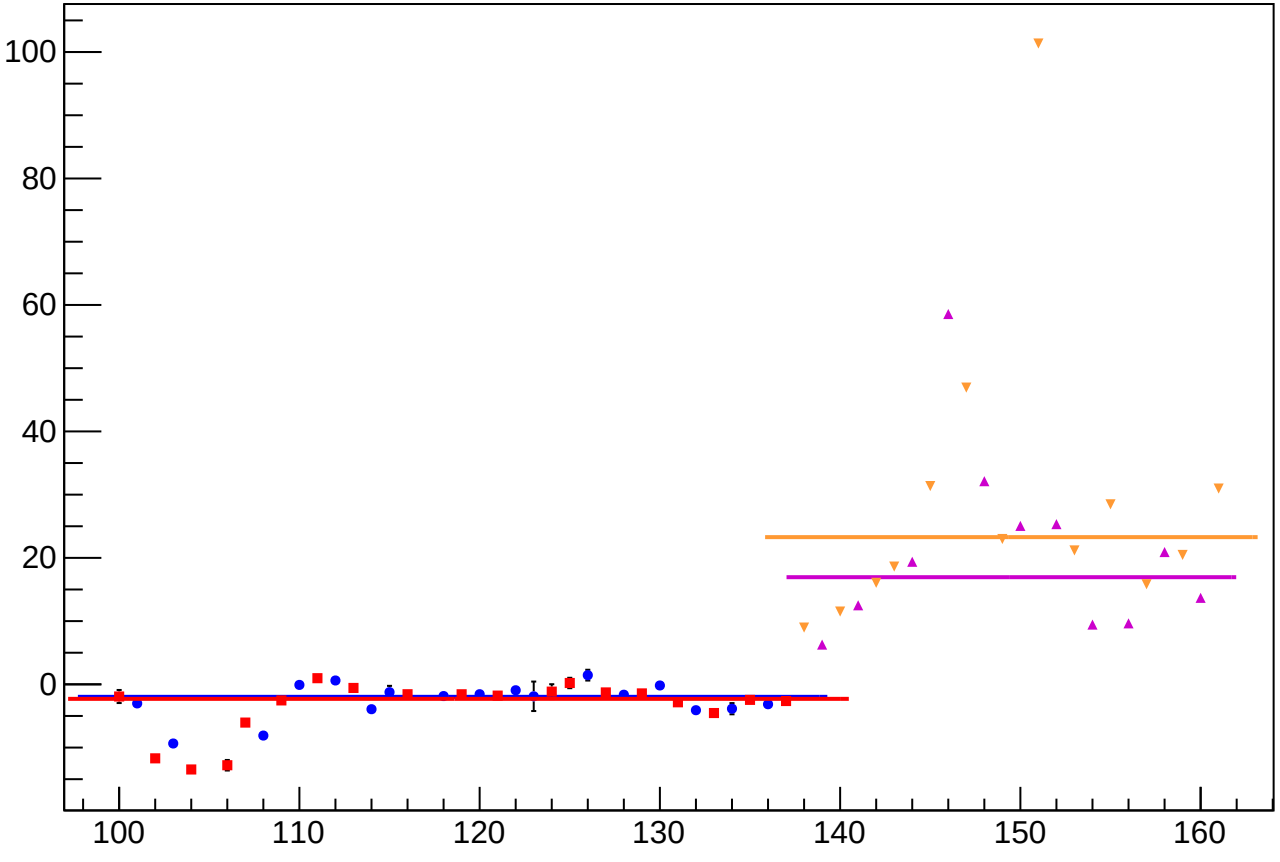
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.440+/-0.036 χ^2/NDF:2212.1/27

Out: 1.425+/-0.038 χ^2/NDF:2942.3/31

All: 1.433+/-0.026 χ^2/NDF: 5154.5/59

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: 23.280+/-0.070 χ^2/NDF:46820.0/12

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 16.945+/-0.060 χ^2/NDF:34679.0/10

Left: 19.648+/-0.046 χ^2/NDF: 86181.7/23

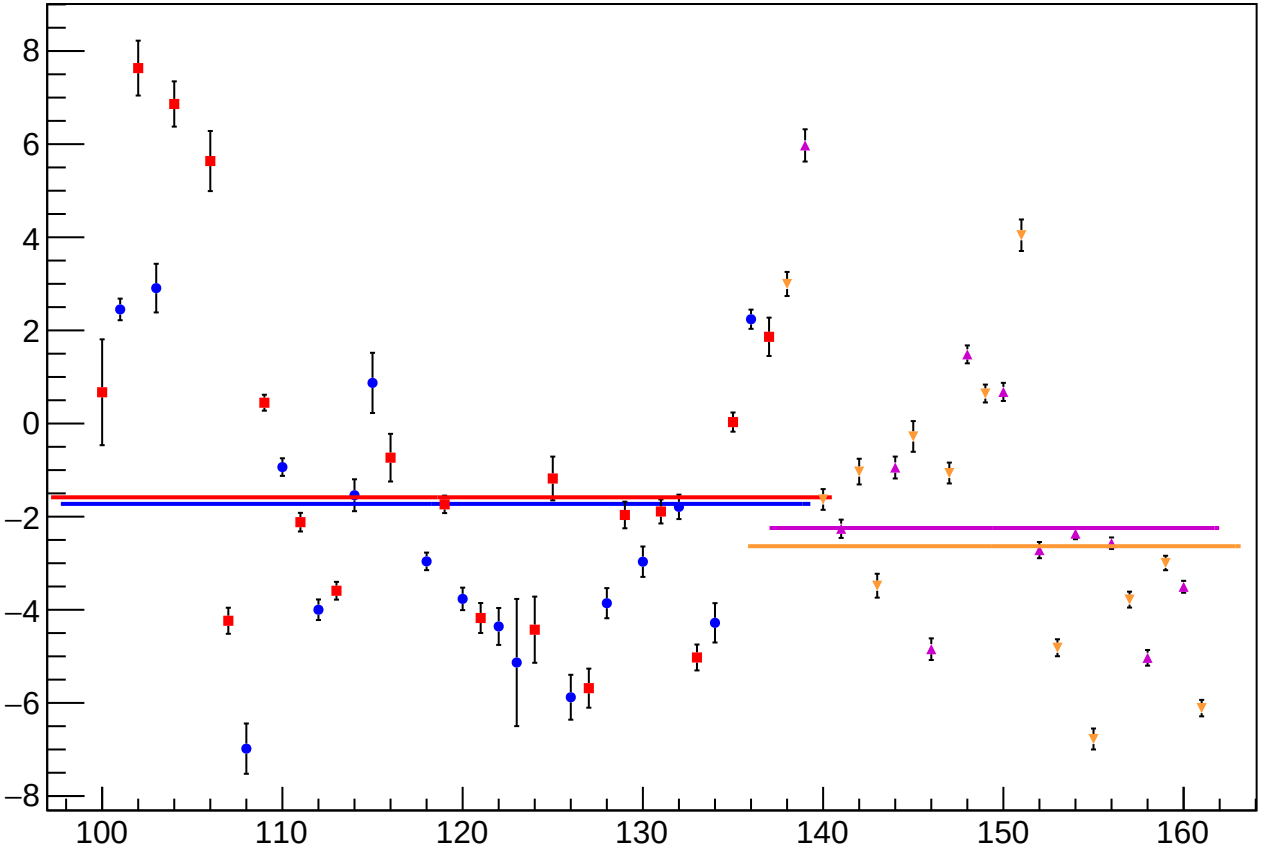
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 12.556+/-0.053 χ^2/NDF:57853.0/27

Out: 14.674+/-0.057 χ^2/NDF:92519.3/31

All: 13.536+/-0.039 χ^2/NDF: 151111.3/59

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -2.635+/-0.059 χ^2/NDF:2237.7/12

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -2.244+/-0.051 χ^2/NDF:1707.7/10

Left: -2.409+/-0.038 χ^2/NDF: 3970.7/23

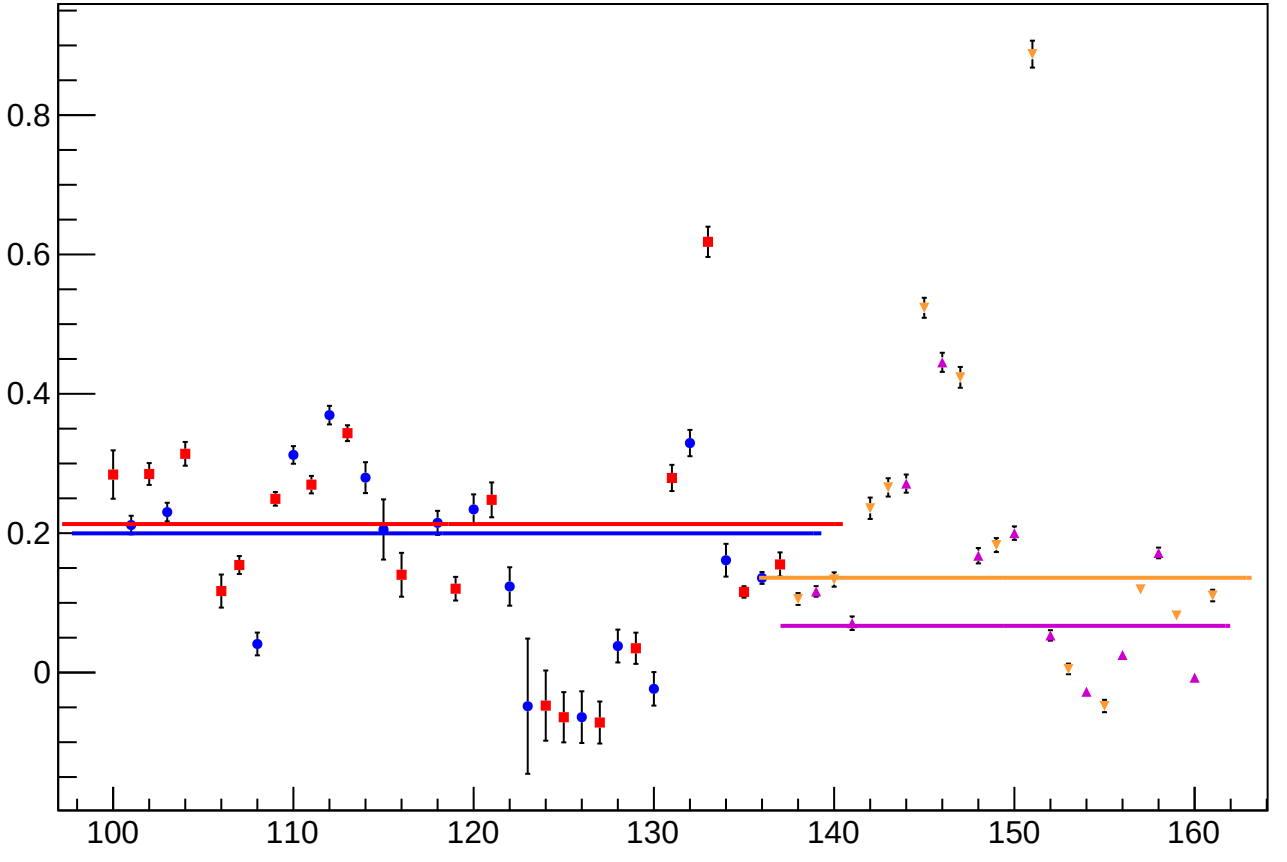
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -2.066+/-0.041 χ^2/NDF:3085.2/27

Out: -2.162+/-0.044 χ^2/NDF:3872.4/31

All: -2.111+/-0.030 χ^2/NDF: 6960.1/59

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: 0.136+/-0.003 χ^2/NDF:3572.4/12

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.067+/-0.002 χ^2/NDF:2112.4/10

Left: 0.095+/-0.002 χ^2/NDF: 6086.0/23

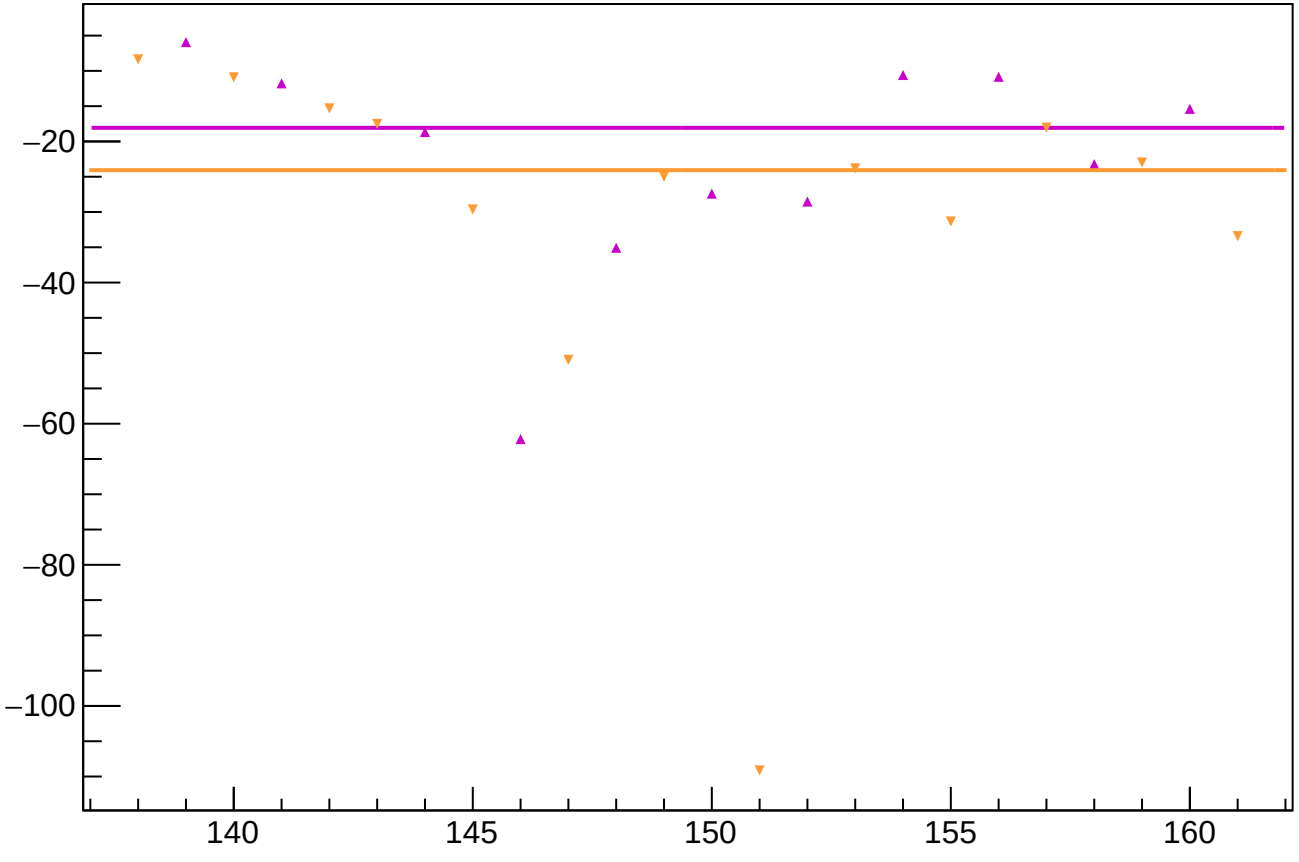
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.097+/-0.002 χ^2/NDF:3585.0/27

Out: 0.162+/-0.002 χ^2/NDF:4912.8/31

All: 0.126+/-0.001 χ^2/NDF: 9014.8/59

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: -24.069+/-0.072 χ^2/NDF:52136.0/12

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

Left In: -18.072+/-0.063 χ^2/NDF:36790.9/10

Left: -20.687+/-0.048 χ^2/NDF: 92836.7/23

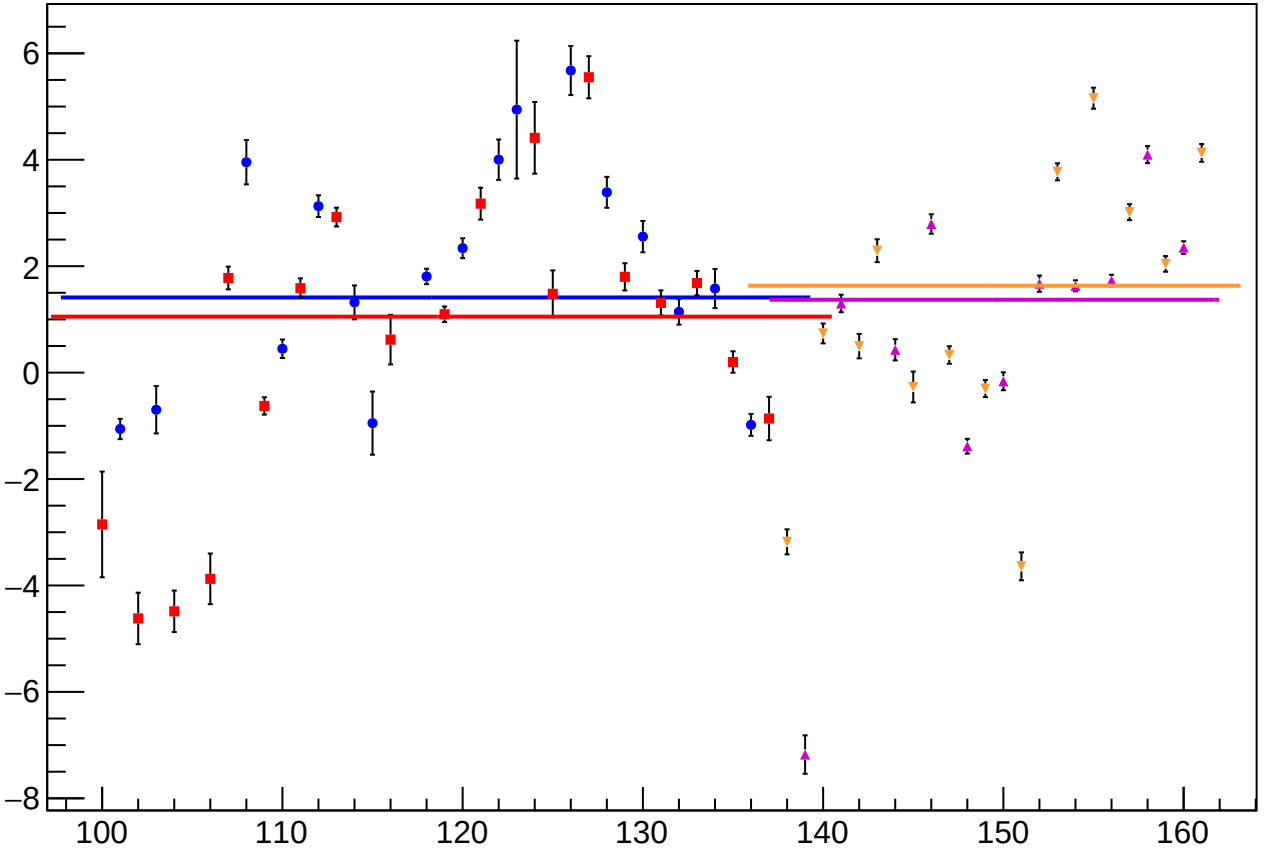
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.072+/-0.063 χ^2/NDF:36790.9/10

Out: -24.069+/-0.072 χ^2/NDF:52136.0/12

All: -20.687+/-0.048 χ^2/NDF: 92836.7/23

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: 1.633+/-0.051 χ^2/NDF:1943.5/12

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 1.369+/-0.044 χ^2/NDF:1497.8/10

Left: 1.481+/-0.033 χ^2/NDF: 3456.5/23

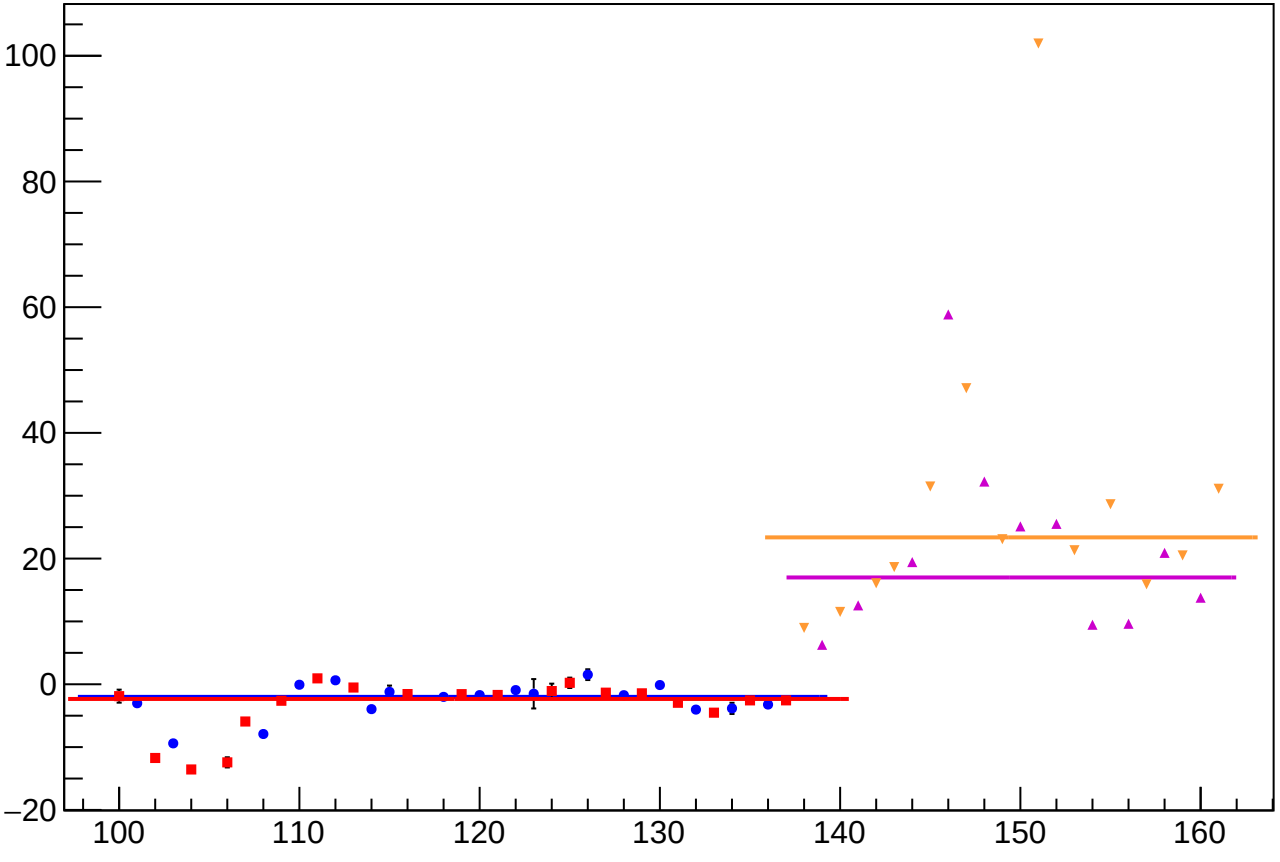
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.384+/-0.036 χ^2/NDF:2212.0/27

Out: 1.379+/-0.038 χ^2/NDF:2963.2/31

All: 1.382+/-0.026 χ^2/NDF: 5175.1/59

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: 23.372+/-0.070 χ^2/NDF:46924.7/12

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 16.994+/-0.061 χ^2/NDF:34753.4/10

Left: 19.713+/-0.046 χ^2/NDF: 86385.1/23

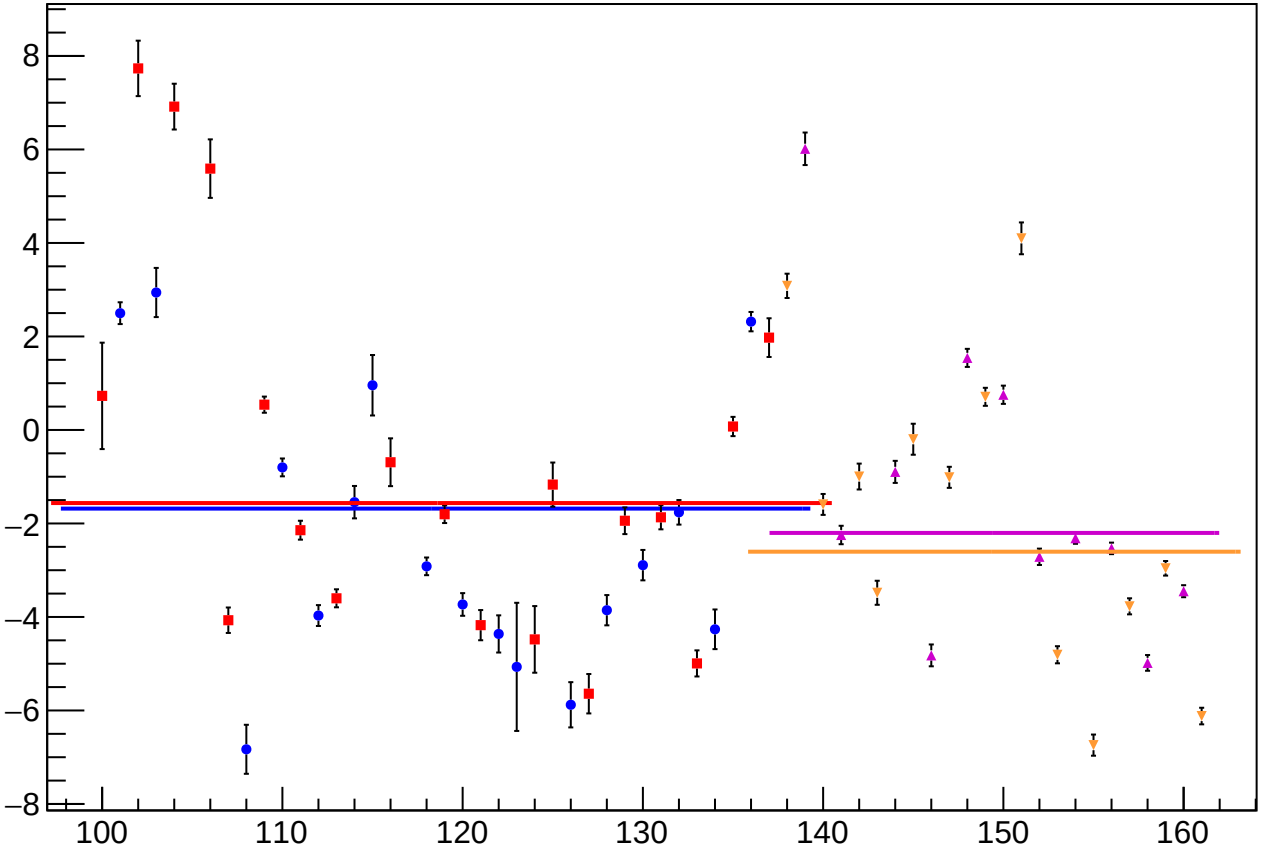
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 12.597+/-0.053 χ^2/NDF:57890.5/27

Out: 14.727+/-0.057 χ^2/NDF:92662.4/31

All: 13.582+/-0.039 χ^2/NDF: 151294.1/59

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -2.604+/-0.059 χ^2/NDF:2253.6/12

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -2.202+/-0.051 χ^2/NDF:1702.0/10

Left: -2.372+/-0.039 χ^2/NDF: 3982.0/23

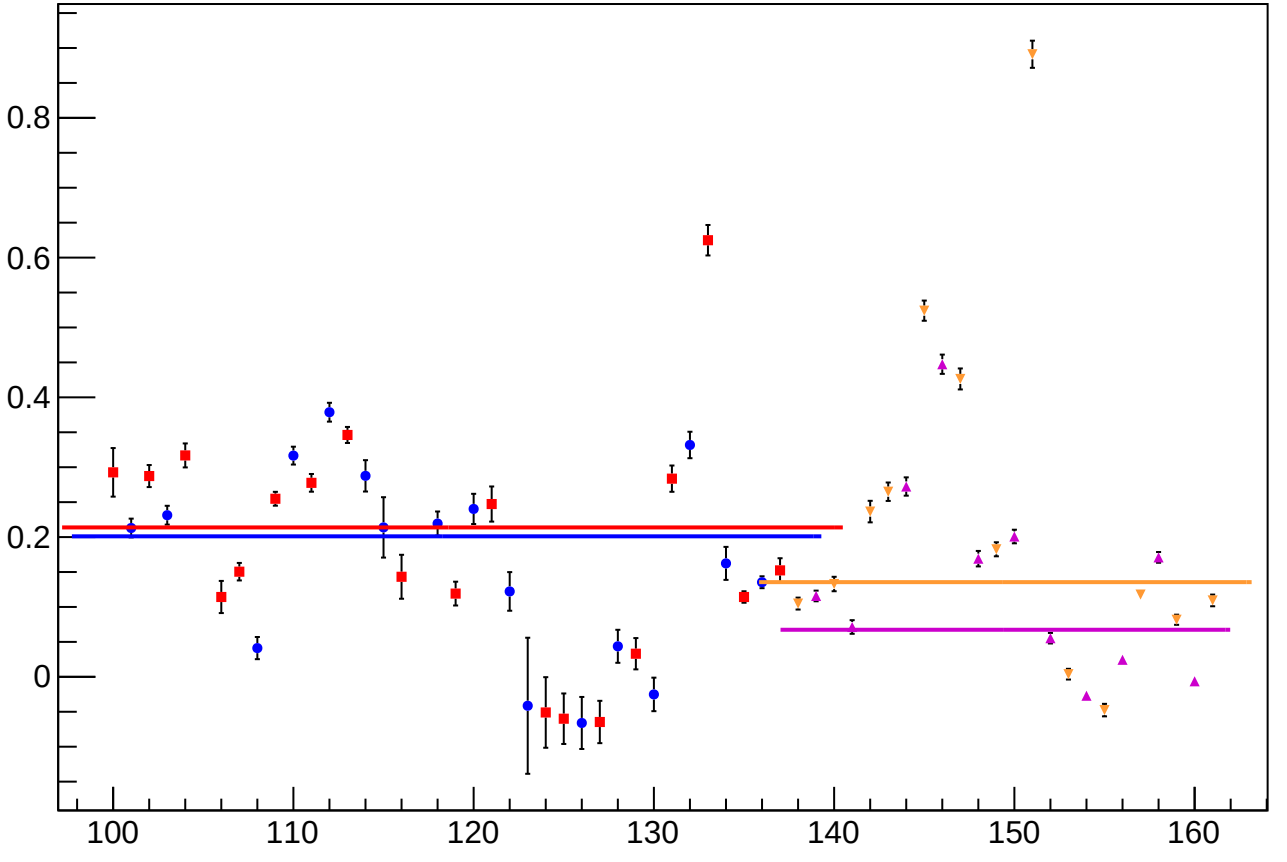
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -2.024+/-0.041 χ^2/NDF:3085.8/27

Out: -2.135+/-0.044 χ^2/NDF:3896.4/31

All: -2.076+/-0.030 χ^2/NDF: 6985.6/59

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: 0.136+/-0.003 χ^2/NDF:3566.3/12

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.067+/-0.002 χ^2/NDF:2103.3/10

Left: 0.095+/-0.002 χ^2/NDF: 6057.8/23

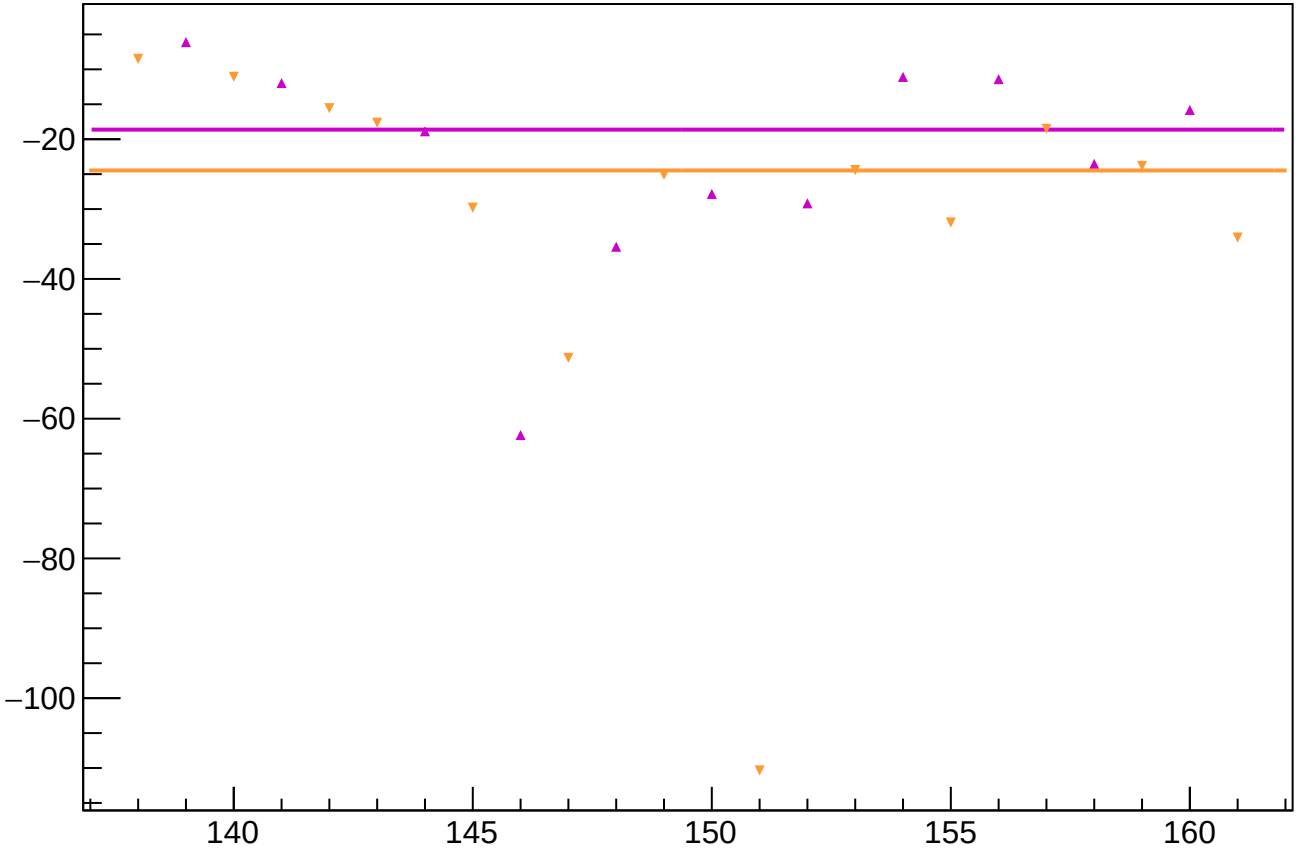
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.097+/-0.002 χ^2/NDF:3610.8/27

Out: 0.162+/-0.002 χ^2/NDF:4946.4/31

All: 0.126+/-0.001 χ^2/NDF: 9061.9/59

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: -24.474+/-0.073 χ^2/NDF:52015.0/12

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

Left In: -18.628+/-0.065 χ^2/NDF:35753.4/10

Left: -21.200+/-0.049 χ^2/NDF: 91339.5/23

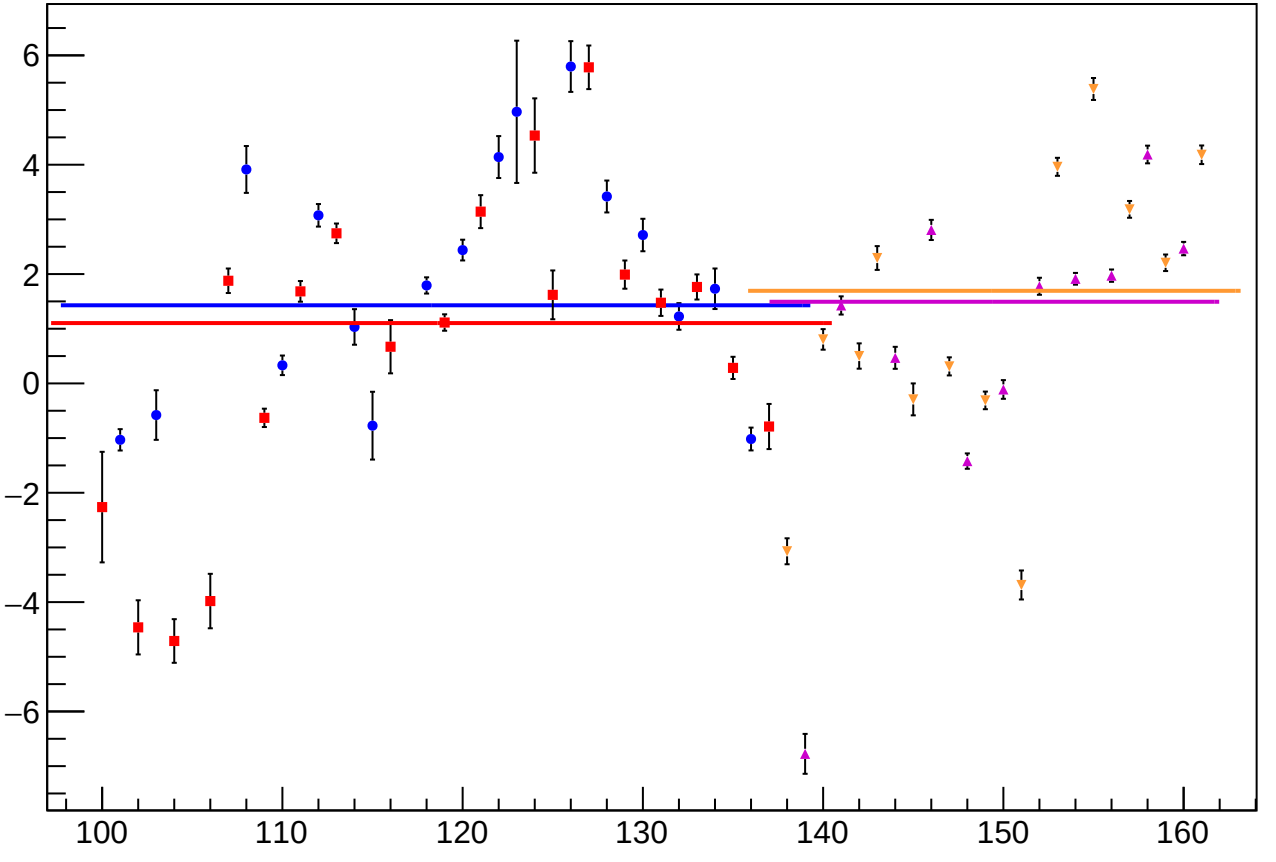
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.628+/-0.065 χ^2/NDF:35753.4/10

Out: -24.474+/-0.073 χ^2/NDF:52015.0/12

All: -21.200+/-0.049 χ^2/NDF: 91339.5/23

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: 1.694+/-0.052 χ^2/NDF:1987.3/12

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.493+/-0.045 χ^2/NDF:1484.1/10

Left: 1.579+/-0.034 χ^2/NDF: 3479.9/23

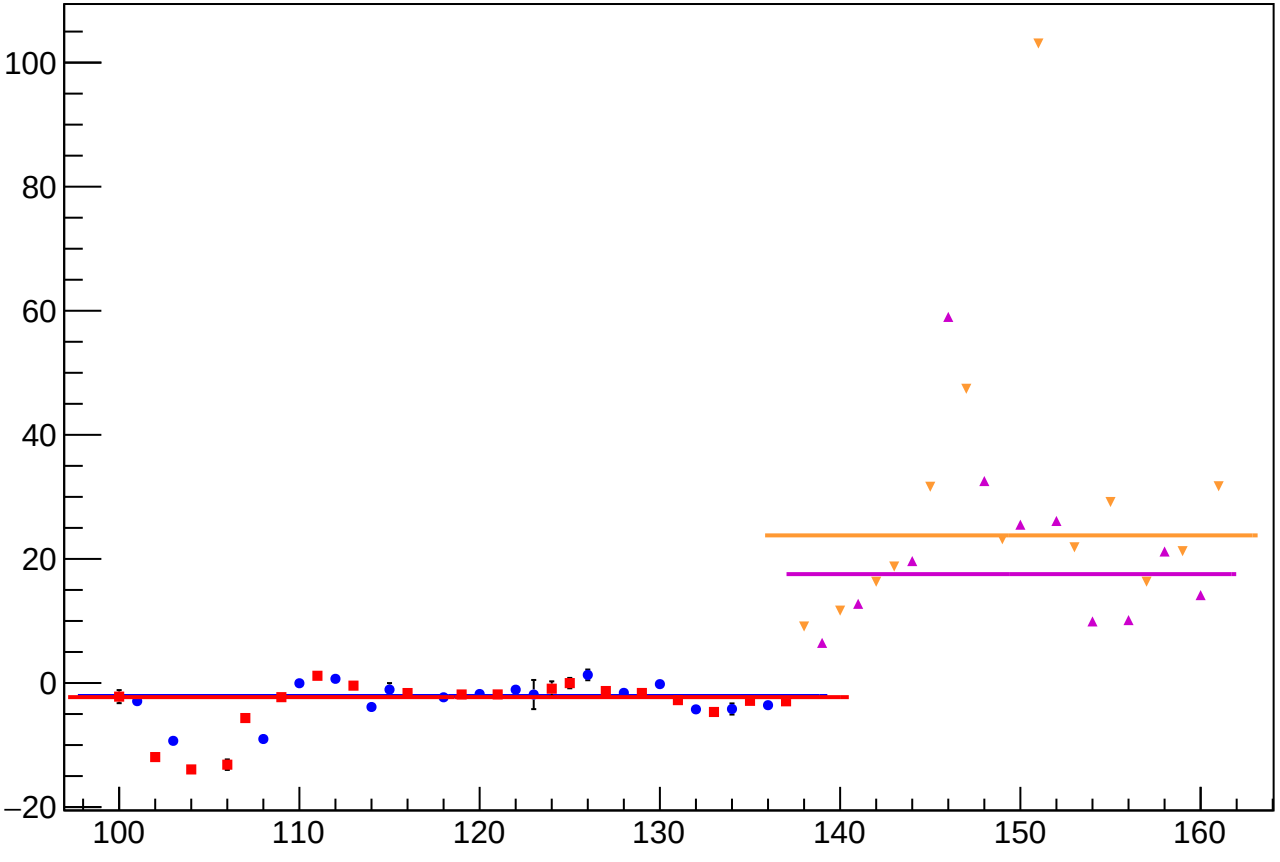
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.471+/-0.036 χ^2/NDF:2196.3/27

Out: 1.437+/-0.039 χ^2/NDF:2979.7/31

All: 1.455+/-0.027 χ^2/NDF: 5176.4/59

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 23.794+/-0.072 χ^2/NDF:46671.7/12

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 17.550+/-0.062 χ^2/NDF:33629.5/10

Left: 20.238+/-0.047 χ^2/NDF: 84632.2/23

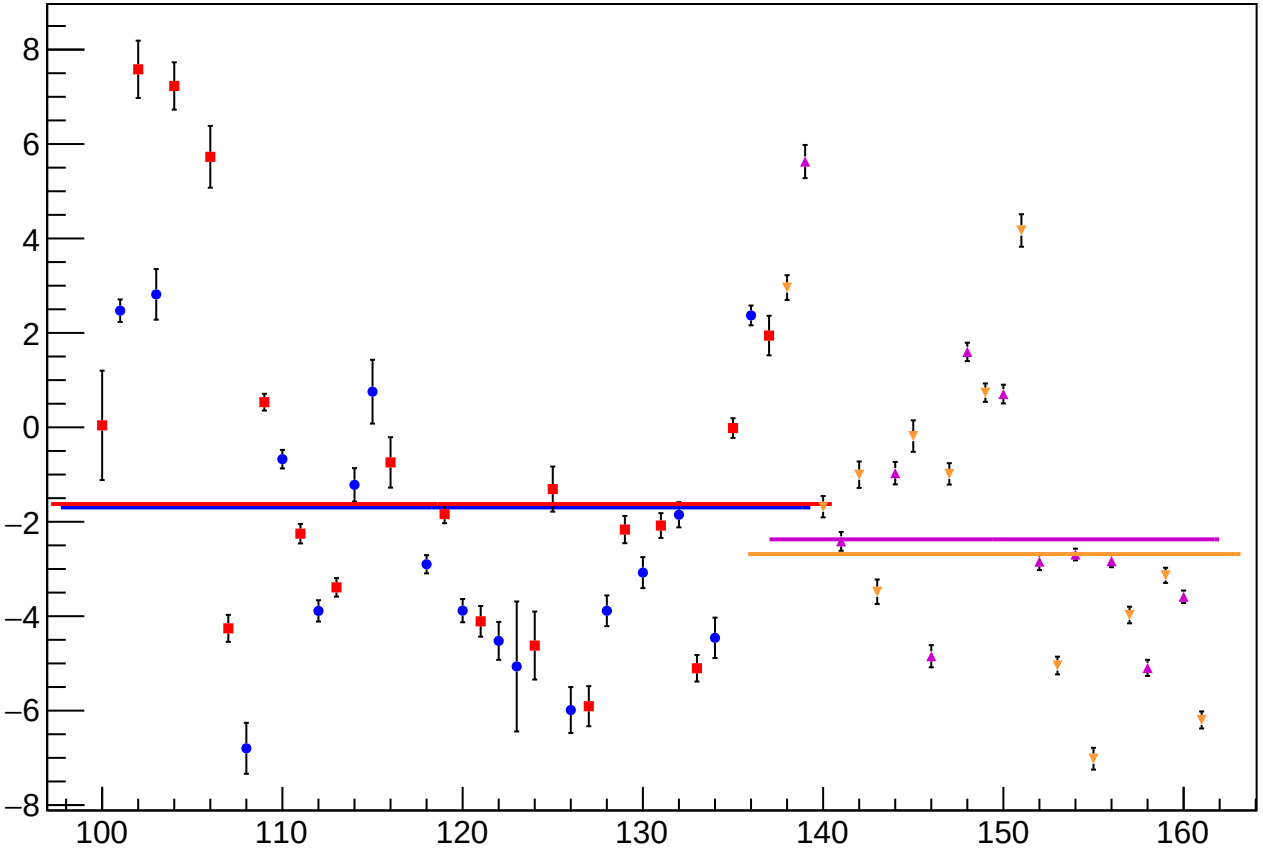
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 12.952+/-0.054 χ^2/NDF:57431.5/27

Out: 15.075+/-0.058 χ^2/NDF:91933.6/31

All: 13.939+/-0.040 χ^2/NDF: 150071.7/59

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -2.684+/-0.060 χ^2/NDF:2297.5/12

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -2.373+/-0.052 χ^2/NDF:1683.5/10

Left: -2.505+/-0.039 χ^2/NDF: 3996.1/23

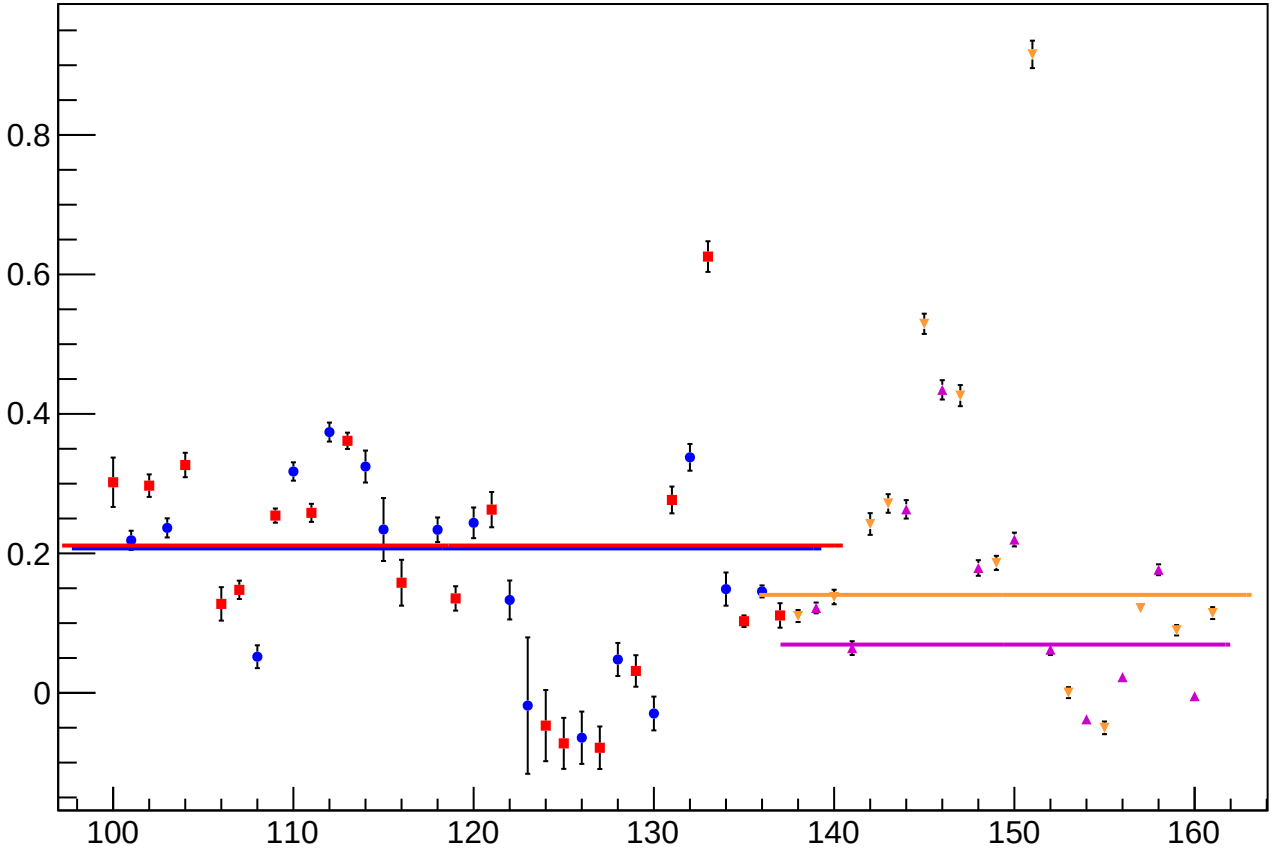
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -2.138+/-0.042 χ^2/NDF:3075.3/27

Out: -2.208+/-0.045 χ^2/NDF:3902.7/31

All: -2.171+/-0.031 χ^2/NDF: 6979.3/59

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: 0.140+/-0.003 χ^2/NDF:3613.4/12

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.069+/-0.002 χ^2/NDF:2142.8/10

Left: 0.099+/-0.002 χ^2/NDF: 6162.3/23

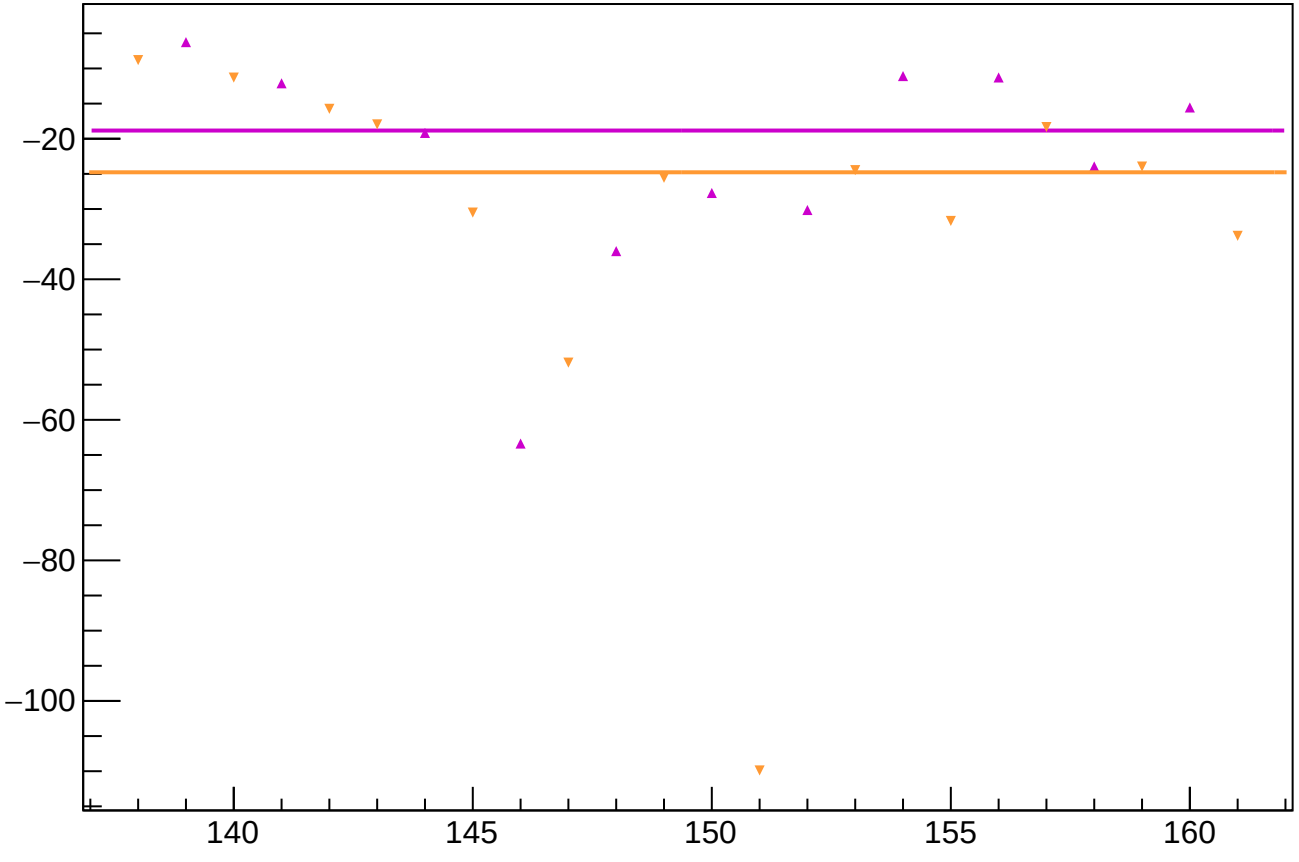
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.100+/-0.002 χ^2/NDF:3633.6/27

Out: 0.165+/-0.002 χ^2/NDF:4992.5/31

All: 0.129+/-0.001 χ^2/NDF: 9095.1/59

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: -24.775+/-0.074 χ^2/NDF:51106.4/12

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

Left In: -18.833+/-0.066 χ^2/NDF:36127.1/10

Left: -21.461+/-0.049 χ^2/NDF: 90818.2/23

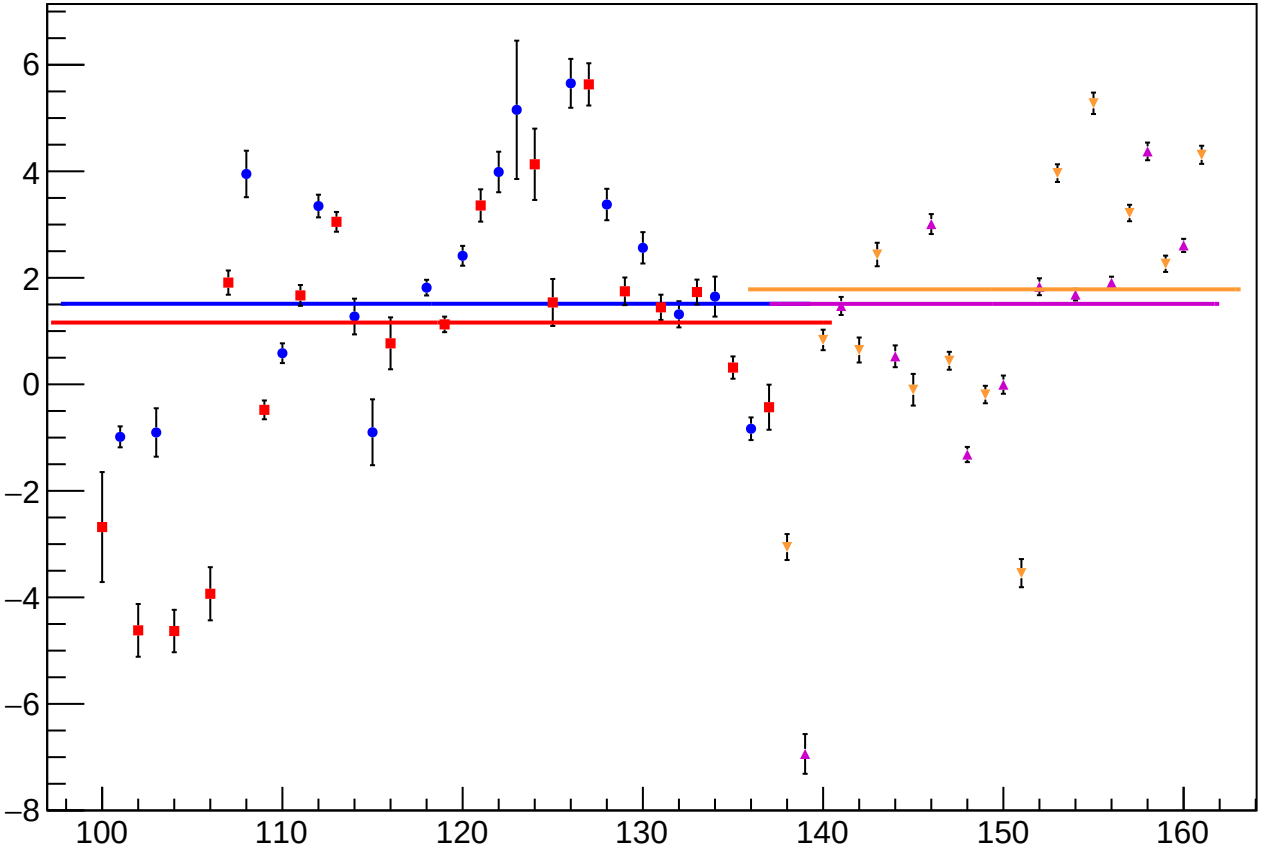
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.833+/-0.066 χ^2/NDF:36127.1/10

Out: -24.775+/-0.074 χ^2/NDF:51106.4/12

All: -21.461+/-0.049 χ^2/NDF: 90818.2/23

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: 1.784+/-0.053 χ^2/NDF:1897.7/12

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.511+/-0.046 χ^2/NDF:1465.6/10

Left: 1.629+/-0.035 χ^2/NDF: 3378.6/23

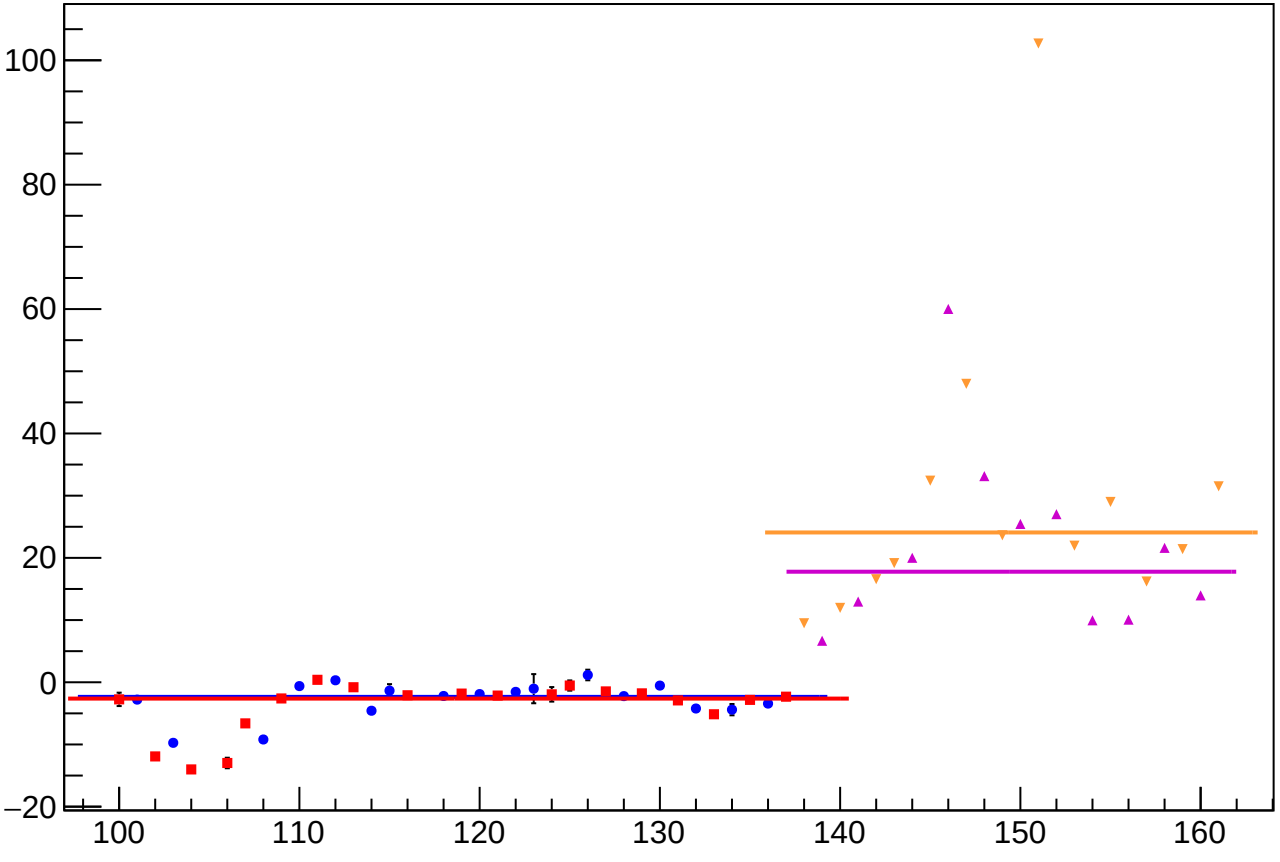
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.512+/-0.037 χ^2/NDF:2135.4/27

Out: 1.513+/-0.040 χ^2/NDF:2875.7/31

All: 1.512+/-0.027 χ^2/NDF: 5011.1/59

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: 24.085+/-0.072 χ^2/NDF:45994.1/12

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 17.774+/-0.063 χ^2/NDF:34034.9/10

Left: 20.507+/-0.048 χ^2/NDF: 84334.3/23

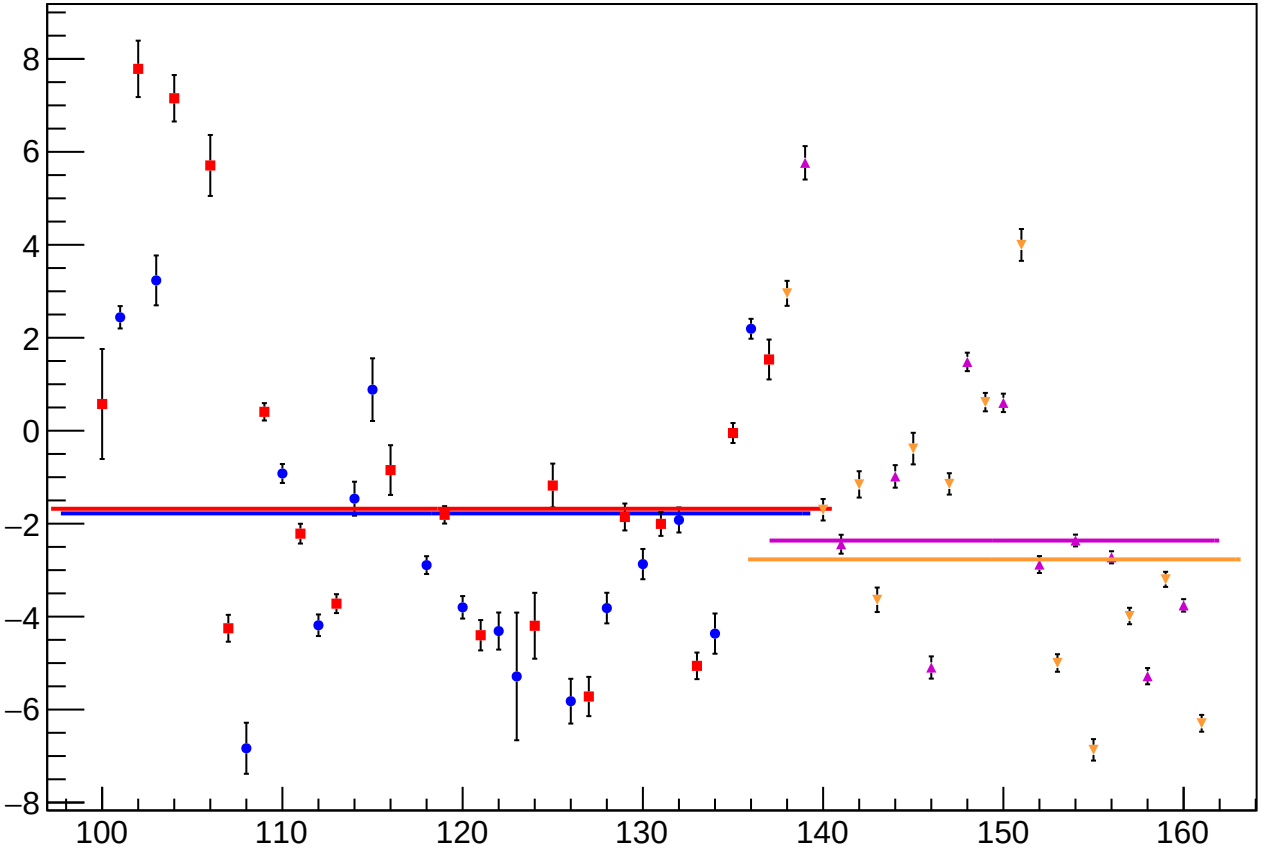
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 13.050+/-0.055 χ^2/NDF:58196.1/27

Out: 15.276+/-0.059 χ^2/NDF:91696.4/31

All: 14.087+/-0.040 χ^2/NDF: 150644.9/59

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -2.769+/-0.061 χ^2/NDF:2187.1/12

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -2.363+/-0.053 χ^2/NDF:1675.7/10

Left: -2.537+/-0.040 χ^2/NDF: 3887.9/23

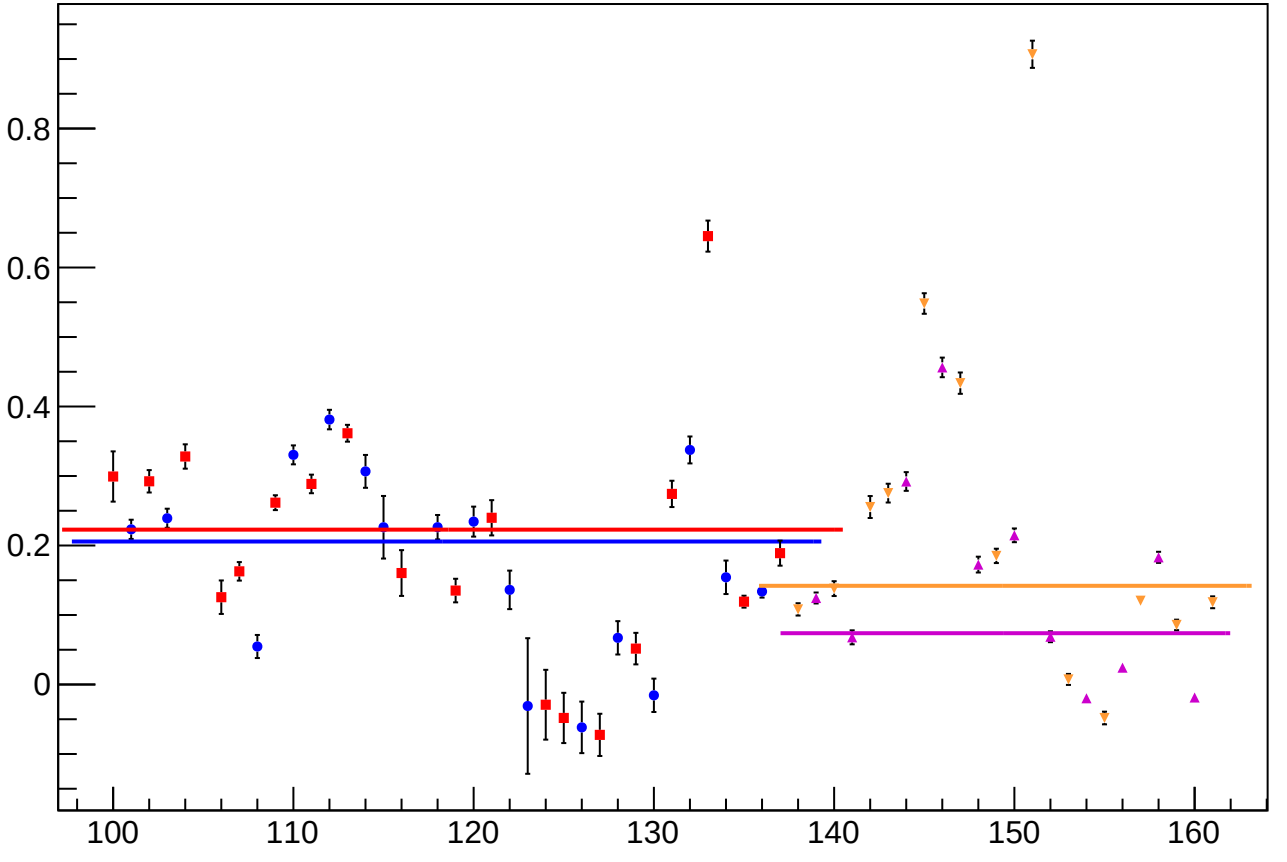
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -2.159+/-0.043 χ^2/NDF:2990.3/27

Out: -2.282+/-0.045 χ^2/NDF:3758.8/31

All: -2.217+/-0.031 χ^2/NDF: 6752.9/59

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: 0.142+/-0.003 χ^2/NDF:3618.0/12

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.074+/-0.002 χ^2/NDF:2141.1/10

Left: 0.102+/-0.002 χ^2/NDF: 6121.6/23

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.104+/-0.002 χ^2/NDF:3535.5/27

Out: 0.169+/-0.002 χ^2/NDF:4954.3/31

All: 0.133+/-0.002 χ^2/NDF: 8962.3/59