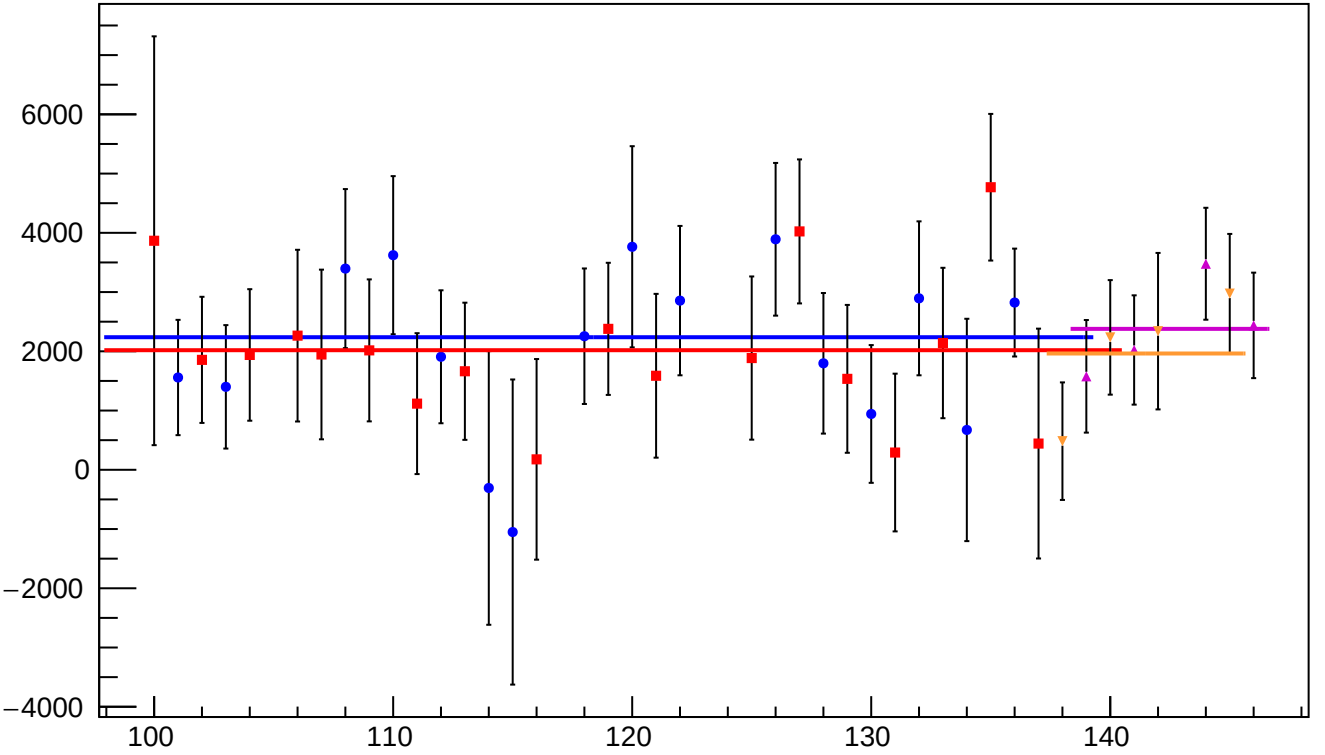
dit_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1963.036+/-523.797 χ^2/NDF:3.4/3

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

Left In: 2378.900+/-463.035 χ^2/NDF:2.2/3

Left: 2196.477+/-346.918 χ^2/NDF: 6.0/7

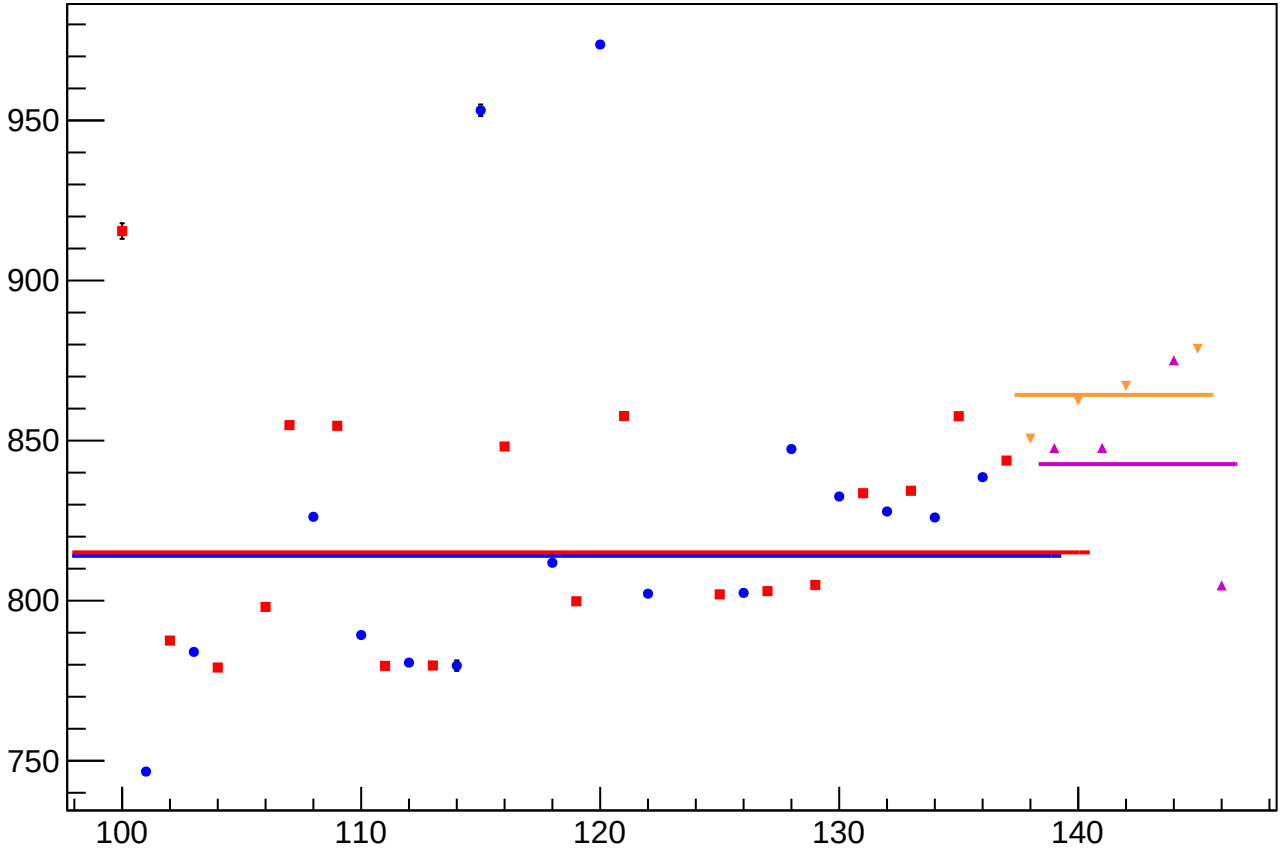
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2282.460+/-260.244 χ^2/NDF:13.6/19

Out: 2004.318+/-265.733 χ^2/NDF:16.0/21

All: 2146.292+/-185.931 χ^2/NDF: 30.1/41

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 864.283+/-0.370 χ^2/NDF:803.0/3

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

Left In: 842.663+/-0.327 χ^2/NDF:6095.0/3

Left: 852.147+/-0.245 χ^2/NDF: 8810.6/7

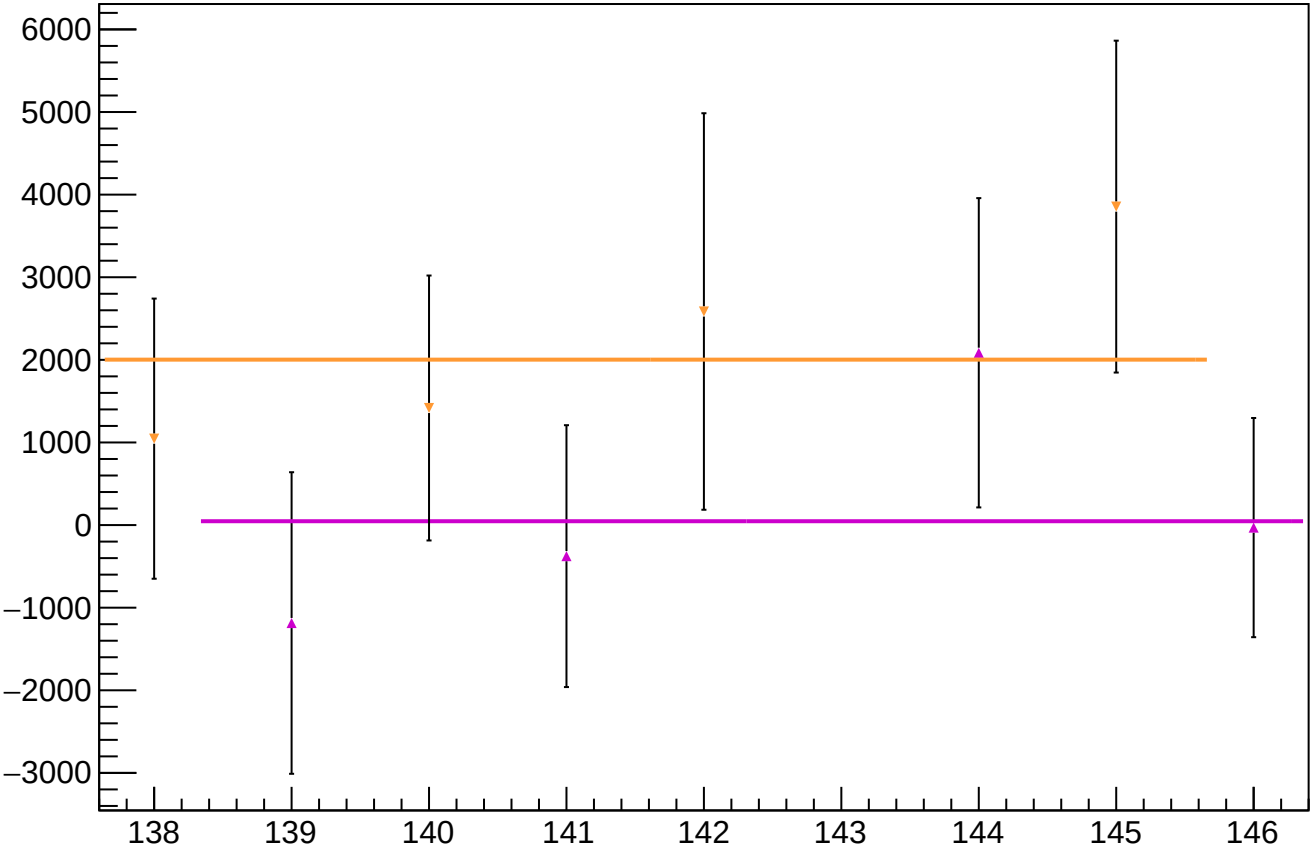
Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 823.069+/-0.184 χ^2/NDF:53371.9/19

Out: 827.747+/-0.188 χ^2/NDF:33865.5/21

All: 825.359+/-0.131 χ^2/NDF: 87553.8/41

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2002.509+/-929.203 χ^2/NDF:1.4/3

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

Left In: 46.624+/-802.783 χ^2/NDF:1.7/3

Left: 882.560+/-607.471 χ^2/NDF: 5.6/7

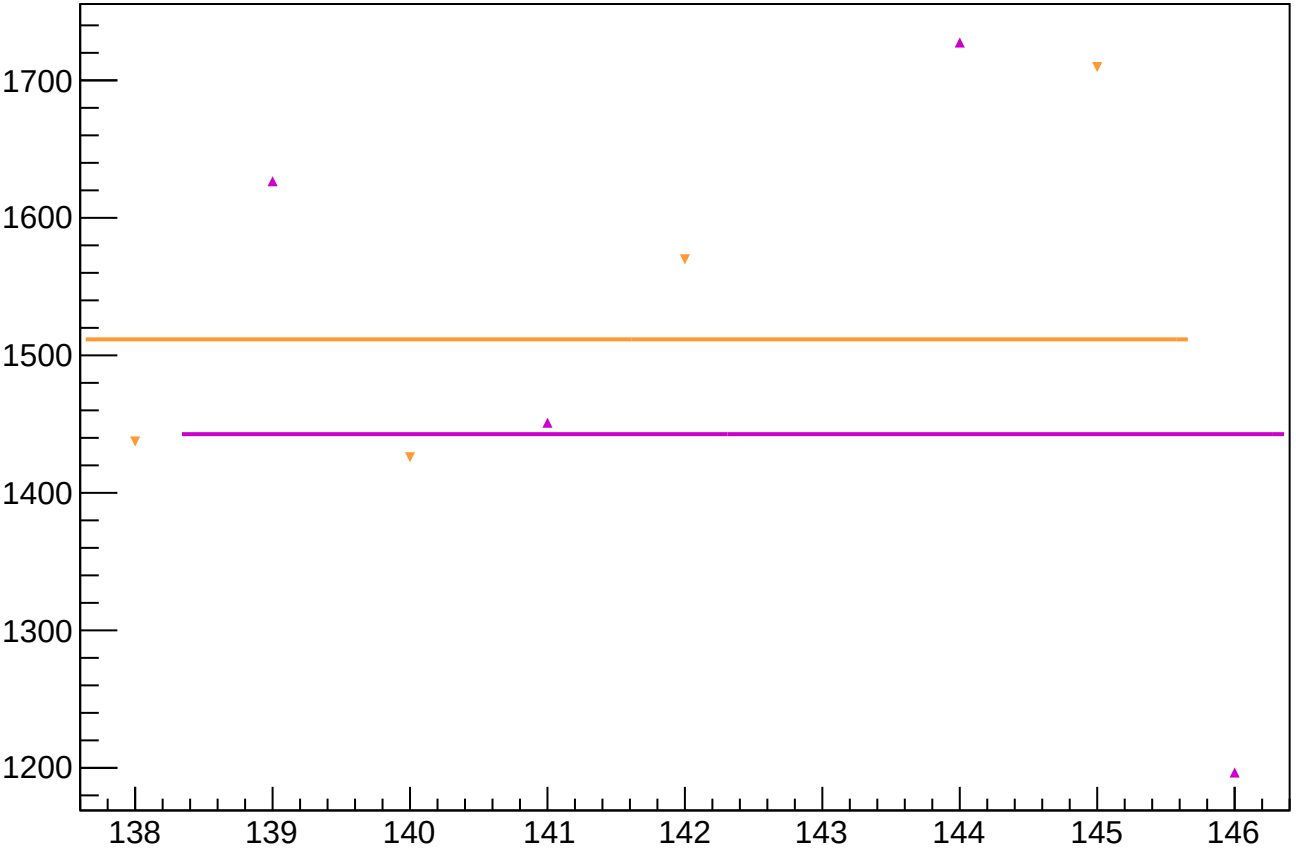
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 46.624+/-802.783 χ^2/NDF:1.7/3

Out: 2002.509+/-929.203 χ^2/NDF:1.4/3

All: 882.560+/-607.471 χ^2/NDF: 5.6/7

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1511.637+/-0.657 χ^2/NDF:30165.9/3

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

Left In: 1442.697+/-0.568 χ^2/NDF:135466.3/3

Left: 1472.162+/-0.430 χ^2/NDF: 171936.0/7

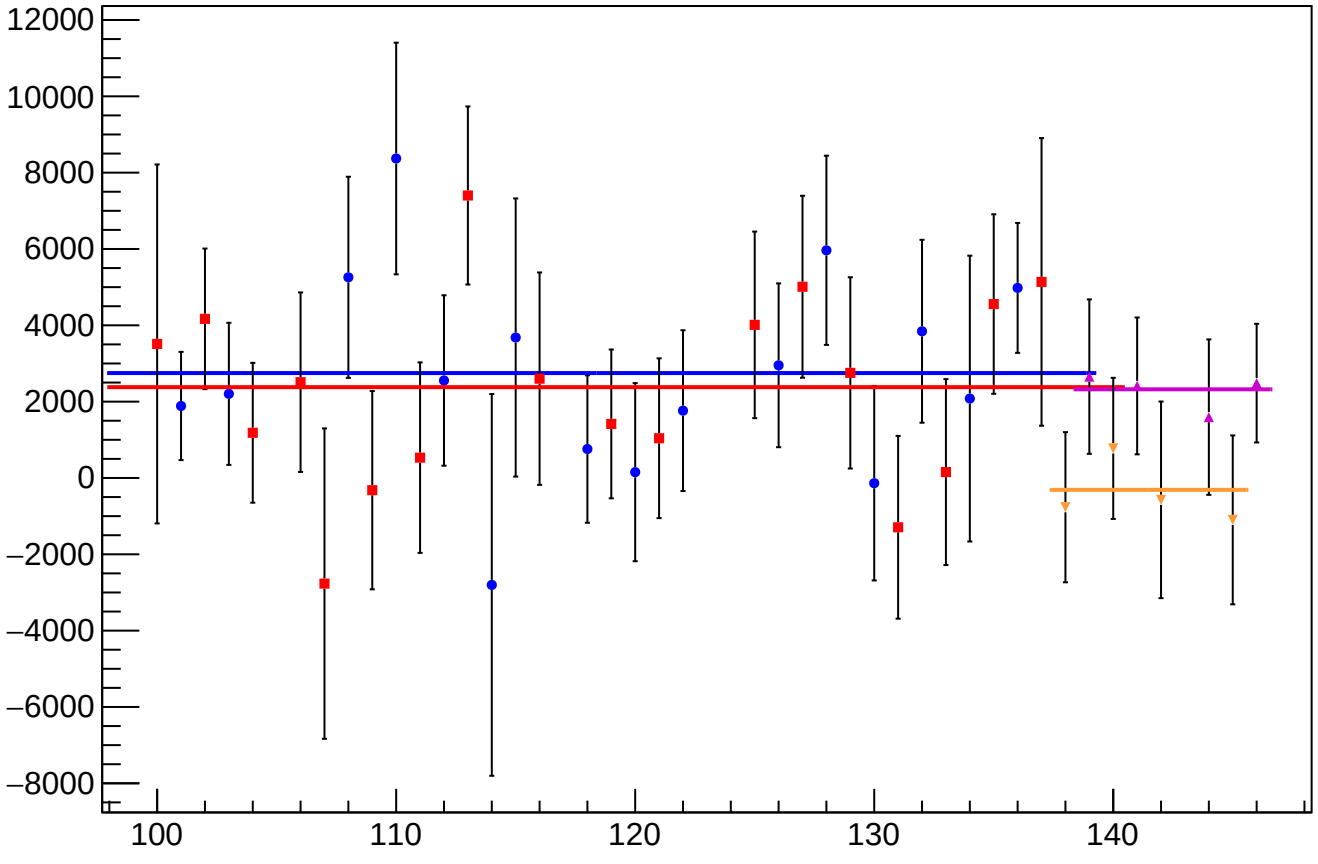
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1442.697+/-0.568 χ^2/NDF:135466.3/3

Out: 1511.637+/-0.657 χ^2/NDF:30165.9/3

All: 1472.162+/-0.430 χ^2/NDF: 171936.0/7

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: -310.969+/-1050.638 χ^2/NDF:0.5/3

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

Left In: 2323.289+/-908.917 χ^2/NDF:0.2/3

Left: 1195.686+/-687.388 χ^2/NDF: 4.3/7

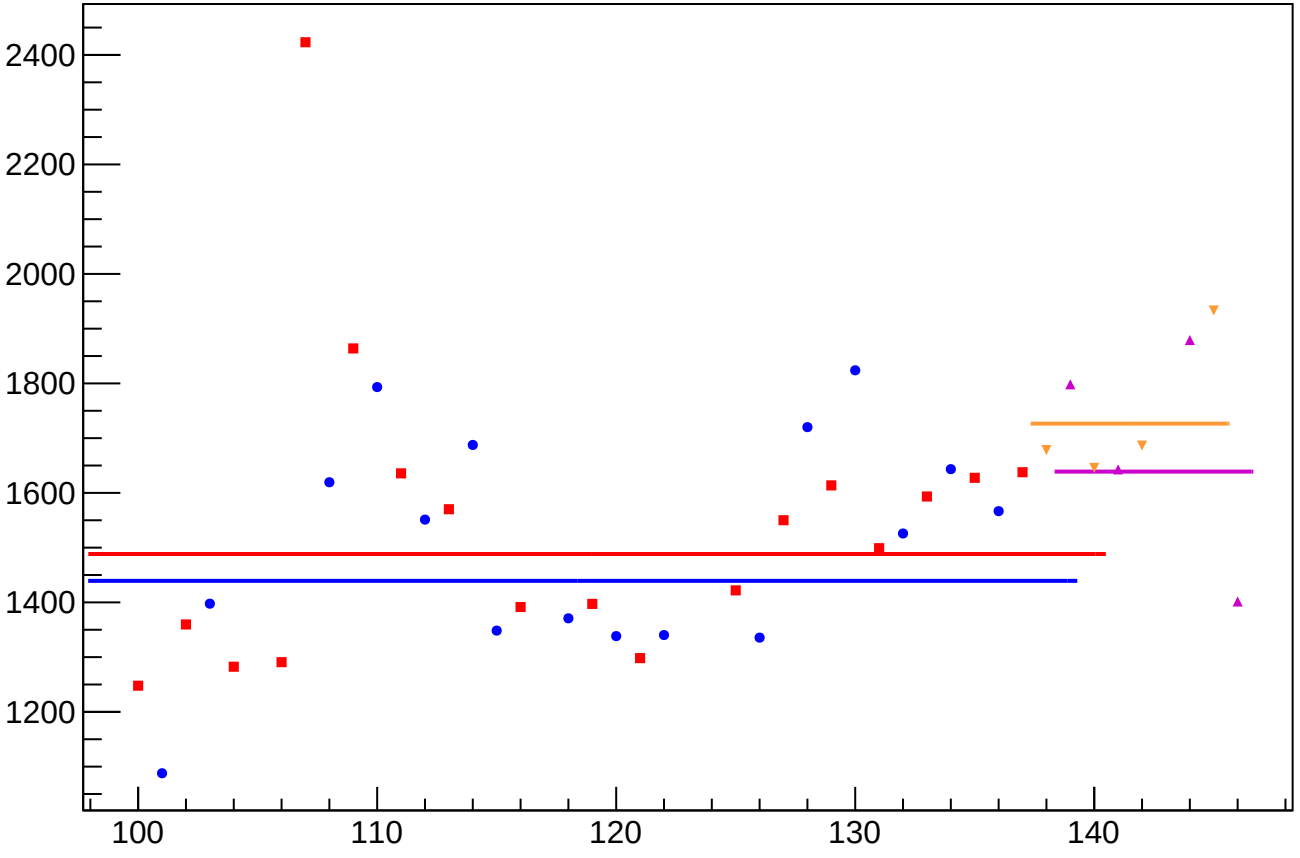
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2630.811+/-478.585 χ^2/NDF:13.9/19

Out: 1769.354+/-500.314 χ^2/NDF:21.8/21

All: 2219.195+/-345.837 χ^2/NDF: 37.2/41

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1726.529+/-0.743 χ^2/NDF:22966.6/3

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

Left In: 1638.873+/-0.643 χ^2/NDF:86875.2/3

Left: 1676.394+/-0.486 χ^2/NDF: 117804.2/7

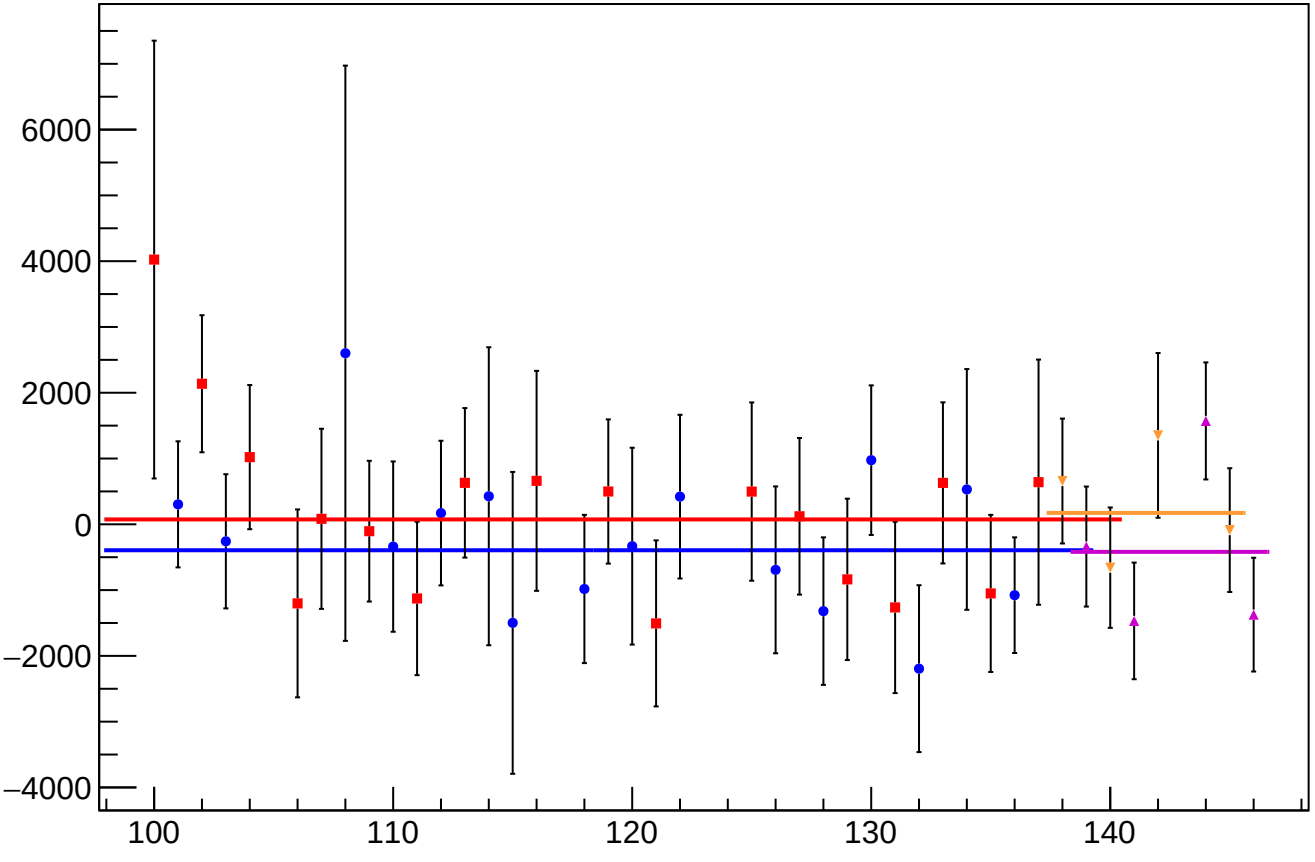
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1494.654+/-0.338 χ^2/NDF:434403.9/19

Out: 1542.387+/-0.354 χ^2/NDF:358745.8/21

All: 1517.462+/-0.245 χ^2/NDF: 802655.7/41

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 173.467+/-495.516 χ^2/NDF:2.1/3

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

Left In: -418.817+/-443.892 χ^2/NDF:7.6/3

Left: -155.125+/-330.629 χ^2/NDF: 10.5/7

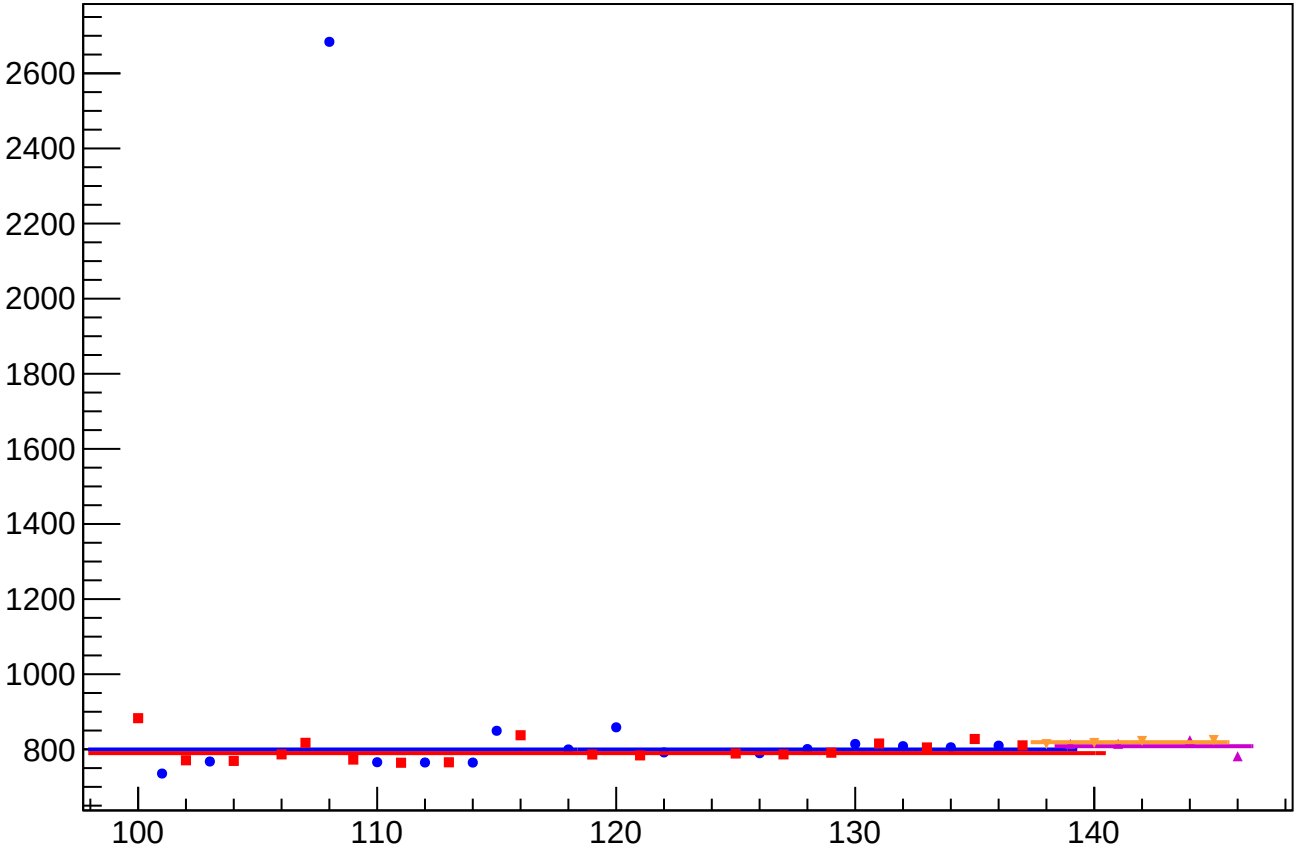
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -402.491+/-255.897 χ^2/NDF:15.0/19

Out: 100.683+/-255.626 χ^2/NDF:15.0/21

All: -150.637+/-180.851 χ^2/NDF: 32.0/41

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 819.026+/-0.350 χ^2/NDF:159.0/3

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

Left In: 808.276+/-0.314 χ^2/NDF:2746.8/3

Left: 813.062+/-0.234 χ^2/NDF: 3428.1/7

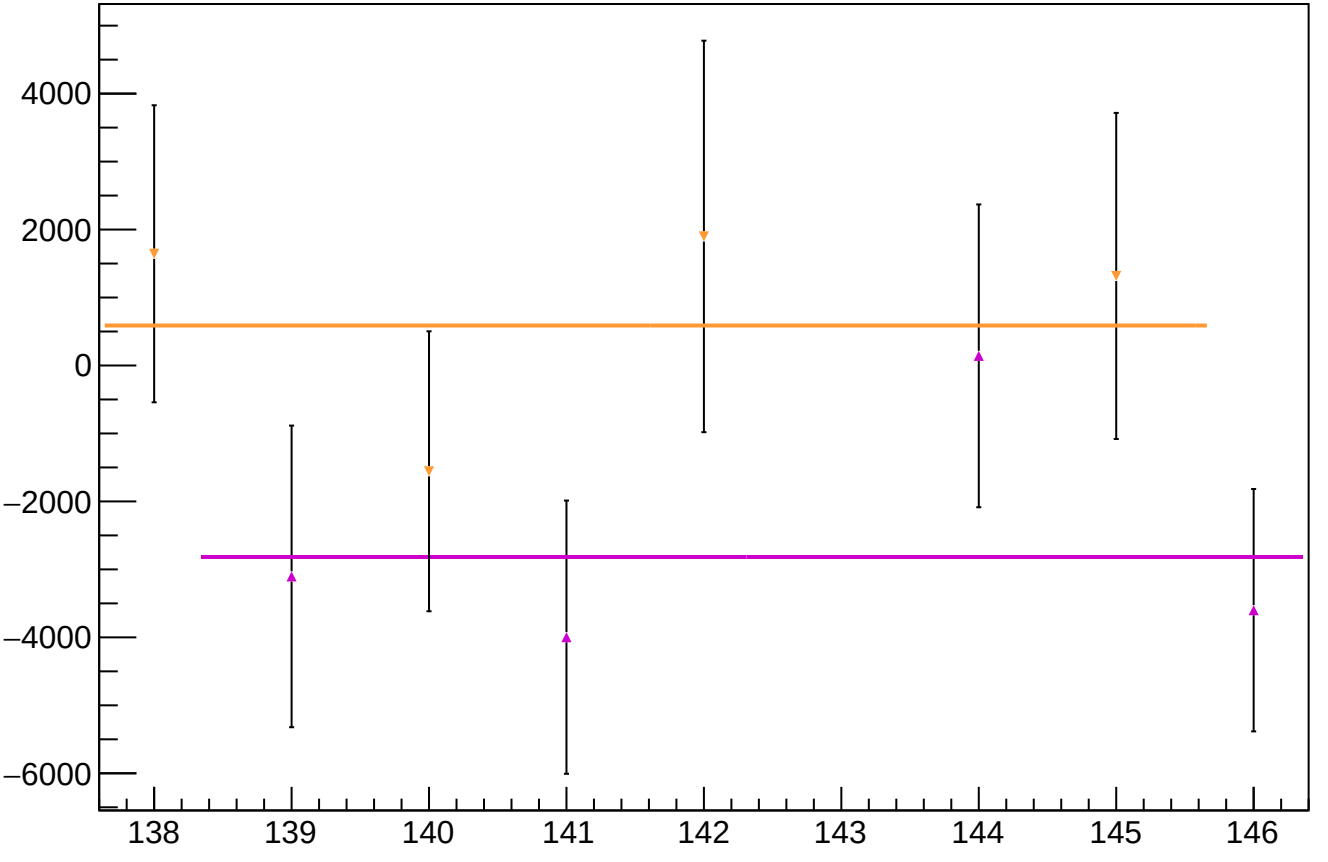
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 802.441+/-0.181 χ^2/NDF:394450.2/19

Out: 797.574+/-0.181 χ^2/NDF:16442.1/21

All: 800.005+/-0.128 χ^2/NDF: 411254.5/41

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 588.165+/-1162.843 χ^2/NDF:1.6/3

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

Left In: -2817.342+/-1017.129 χ^2/NDF:2.3/3

Left: -1341.207+/-765.584 χ^2/NDF: 8.8/7

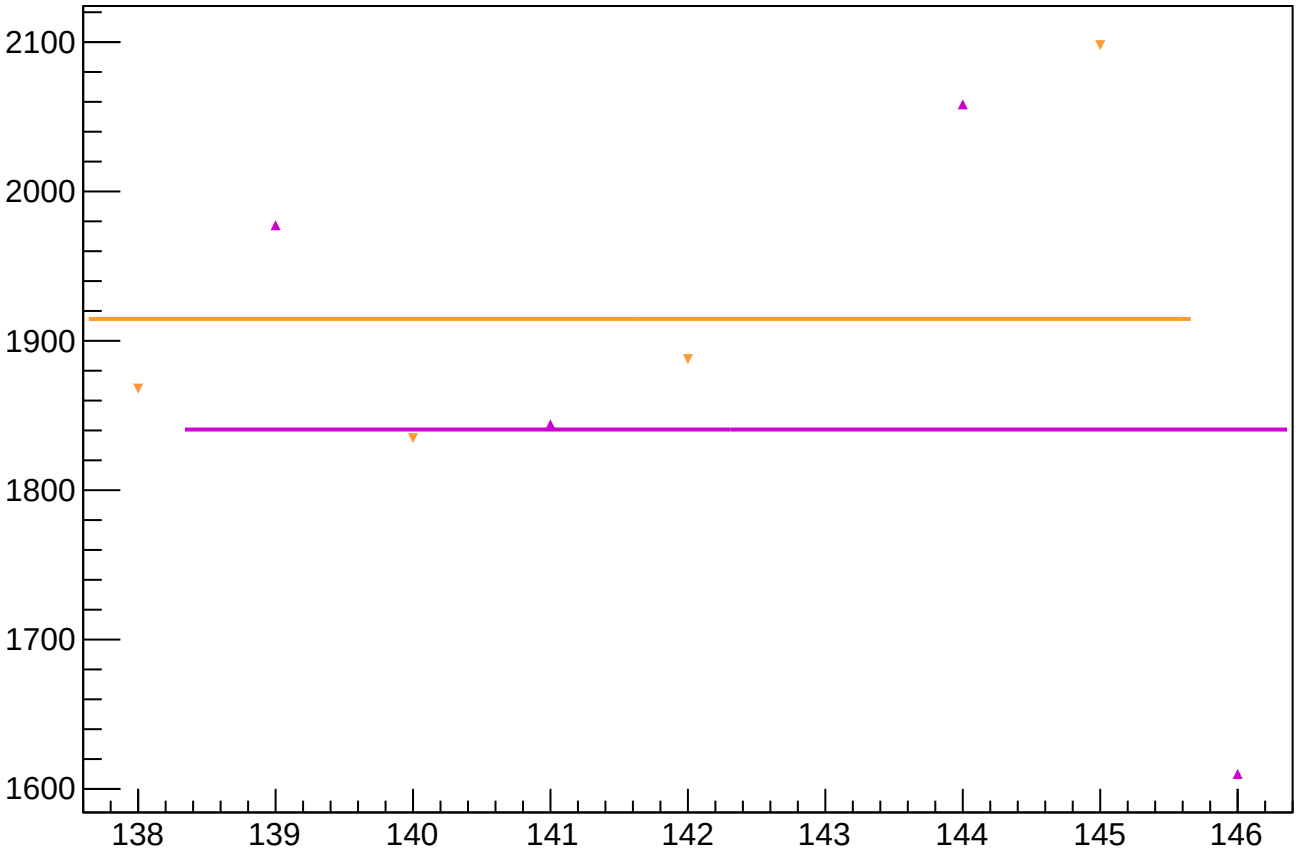
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2817.342+/-1017.129 χ^2/NDF:2.3/3

Out: 588.165+/-1162.843 χ^2/NDF:1.6/3

All: -1341.207+/-765.584 χ^2/NDF: 8.8/7

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1914.659+/-0.822 χ^2/NDF:15764.9/3

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

Left In: 1840.624+/-0.719 χ^2/NDF:60140.9/3

Left: 1872.715+/-0.541 χ^2/NDF: 80498.8/7

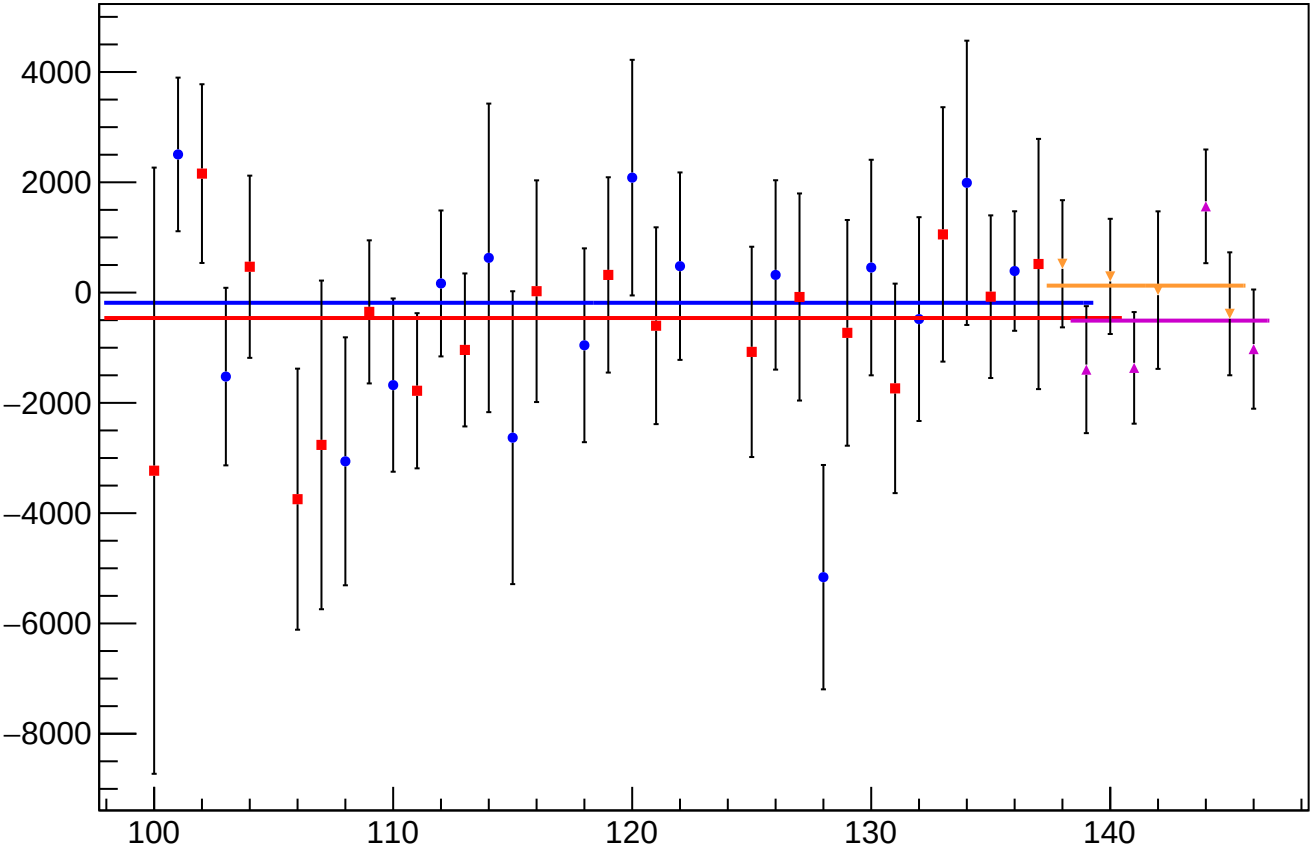
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1840.624+/-0.719 χ^2/NDF:60140.9/3

Out: 1914.659+/-0.822 χ^2/NDF:15764.9/3

All: 1872.715+/-0.541 χ^2/NDF: 80498.8/7

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 126.286+/-580.923 χ^2/NDF:0.4/3

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

Left In: -508.287+/-532.453 χ^2/NDF:5.6/3

Left: -218.574+/-392.520 χ^2/NDF: 6.6/7

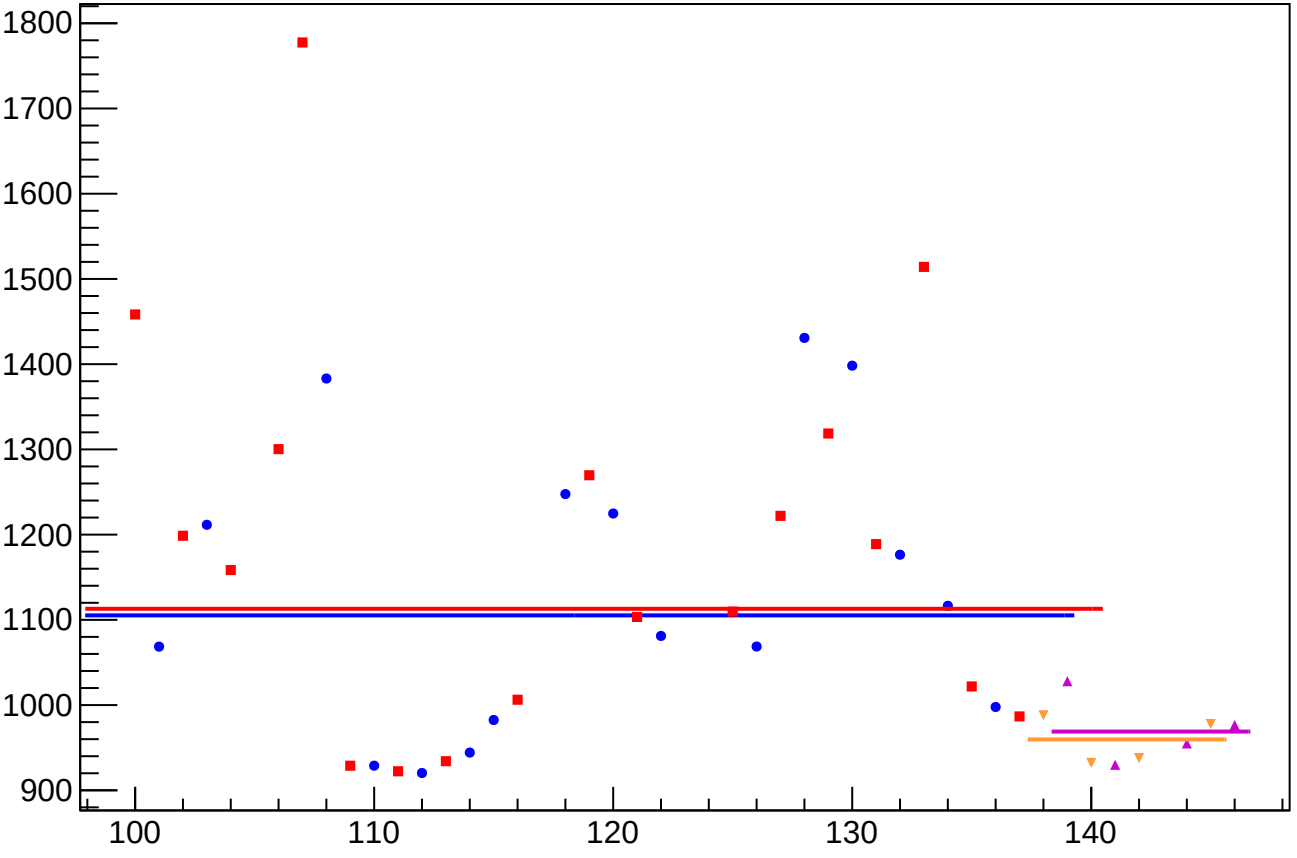
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -313.184+/-335.235 χ^2/NDF:22.4/19

Out: -255.214+/-344.014 χ^2/NDF:9.3/21

All: -284.948+/-240.090 χ^2/NDF: 31.8/41

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 959.616+/-0.411 χ^2/NDF:3596.2/3

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

Left In: 968.914+/-0.377 χ^2/NDF:8699.1/3

Left: 964.669+/-0.278 χ^2/NDF: 12573.7/7

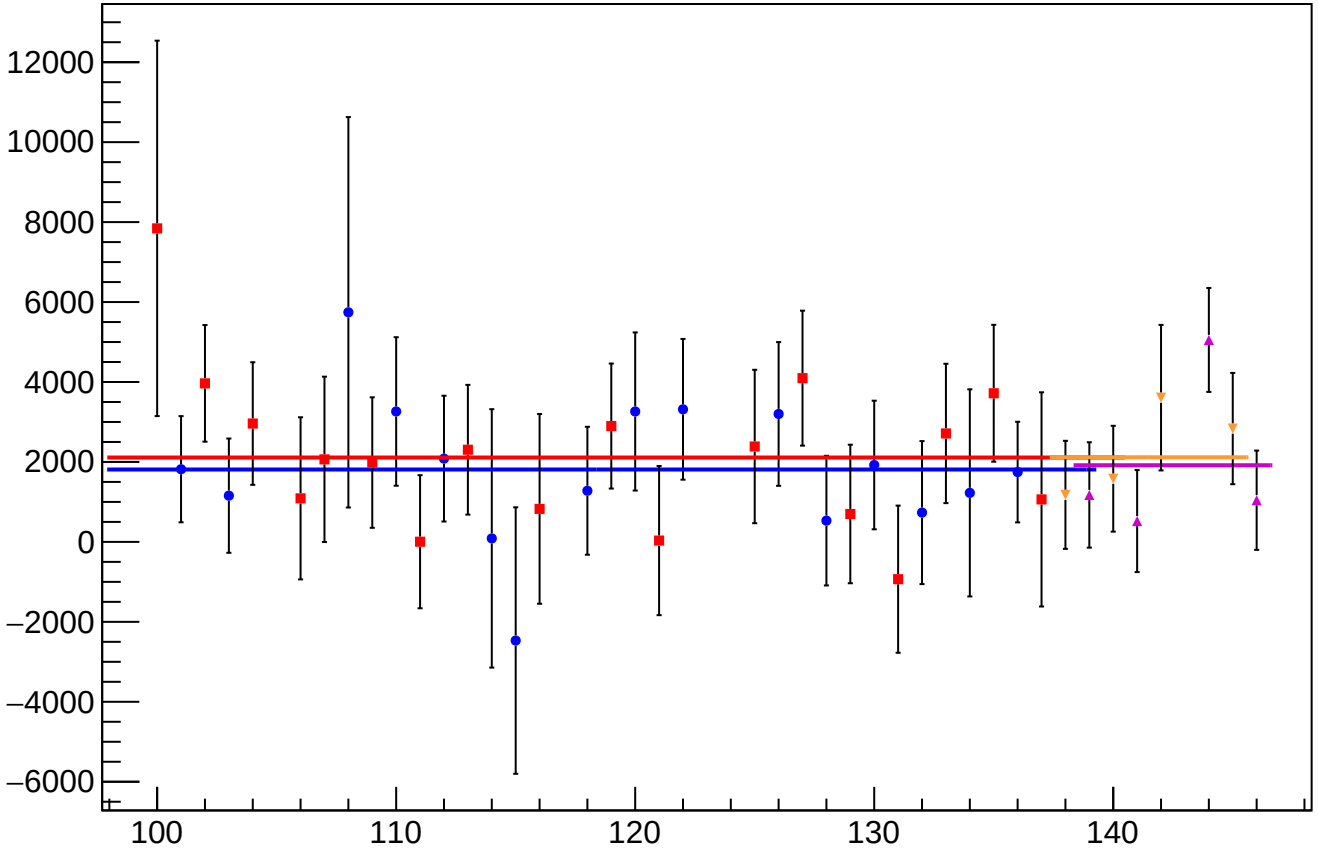
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 1051.197+/-0.237 χ^2/NDF:343196.1/19

Out: 1059.194+/-0.243 χ^2/NDF:457094.5/21

All: 1055.092+/-0.170 χ^2/NDF: 800844.9/41

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2116.931+/-718.705 χ^2/NDF:1.6/3

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

Left In: 1917.935+/-641.605 χ^2/NDF:7.8/3

Left: 2006.190+/-478.629 χ^2/NDF: 9.5/7

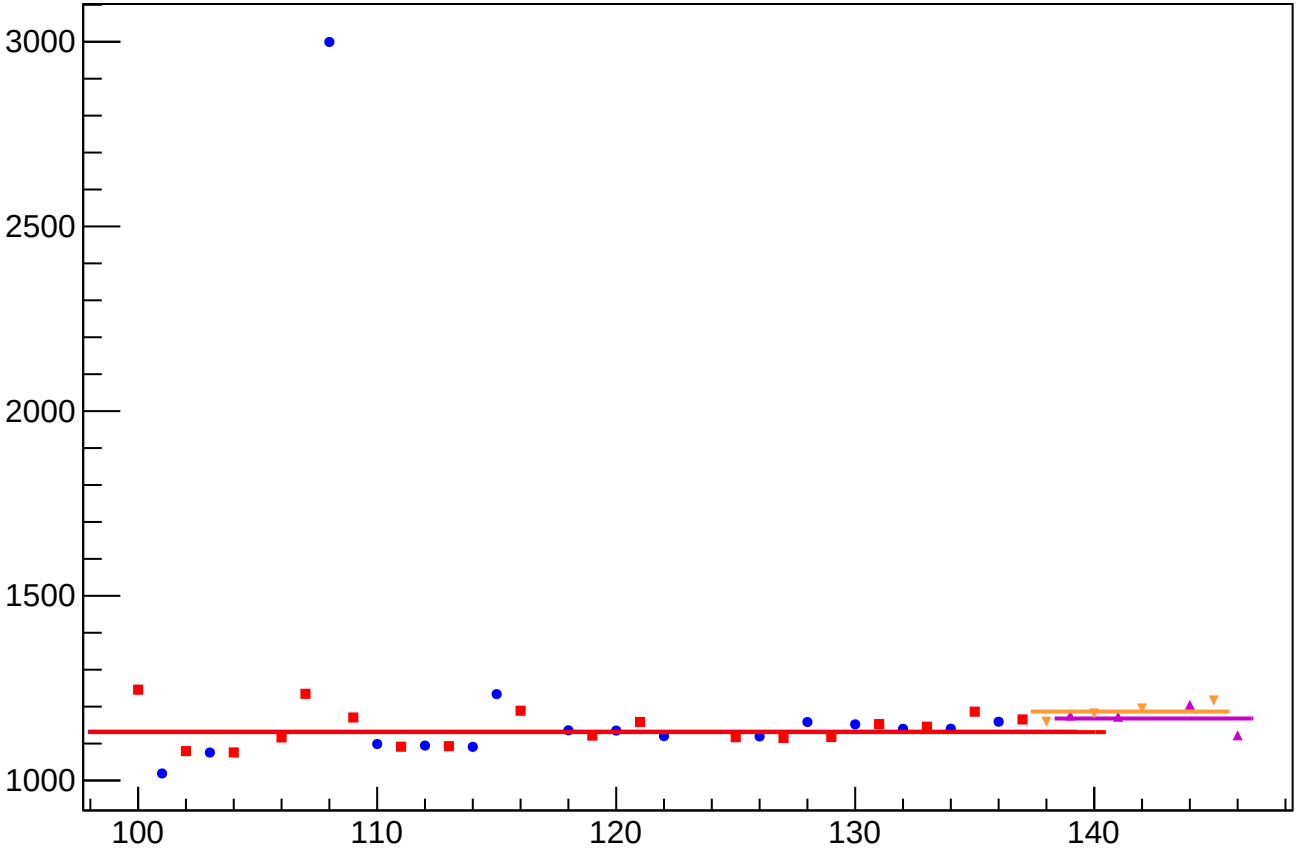
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1845.467+/-364.068 χ^2/NDF:14.3/19

Out: 2112.553+/-367.527 χ^2/NDF:14.6/21

All: 1977.748+/-258.649 χ^2/NDF: 29.2/41

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1186.659+/-0.508 χ^2/NDF:1831.6/3

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

Left In: 1167.852+/-0.454 χ^2/NDF:4393.7/3

Left: 1176.193+/-0.338 χ^2/NDF: 6987.5/7

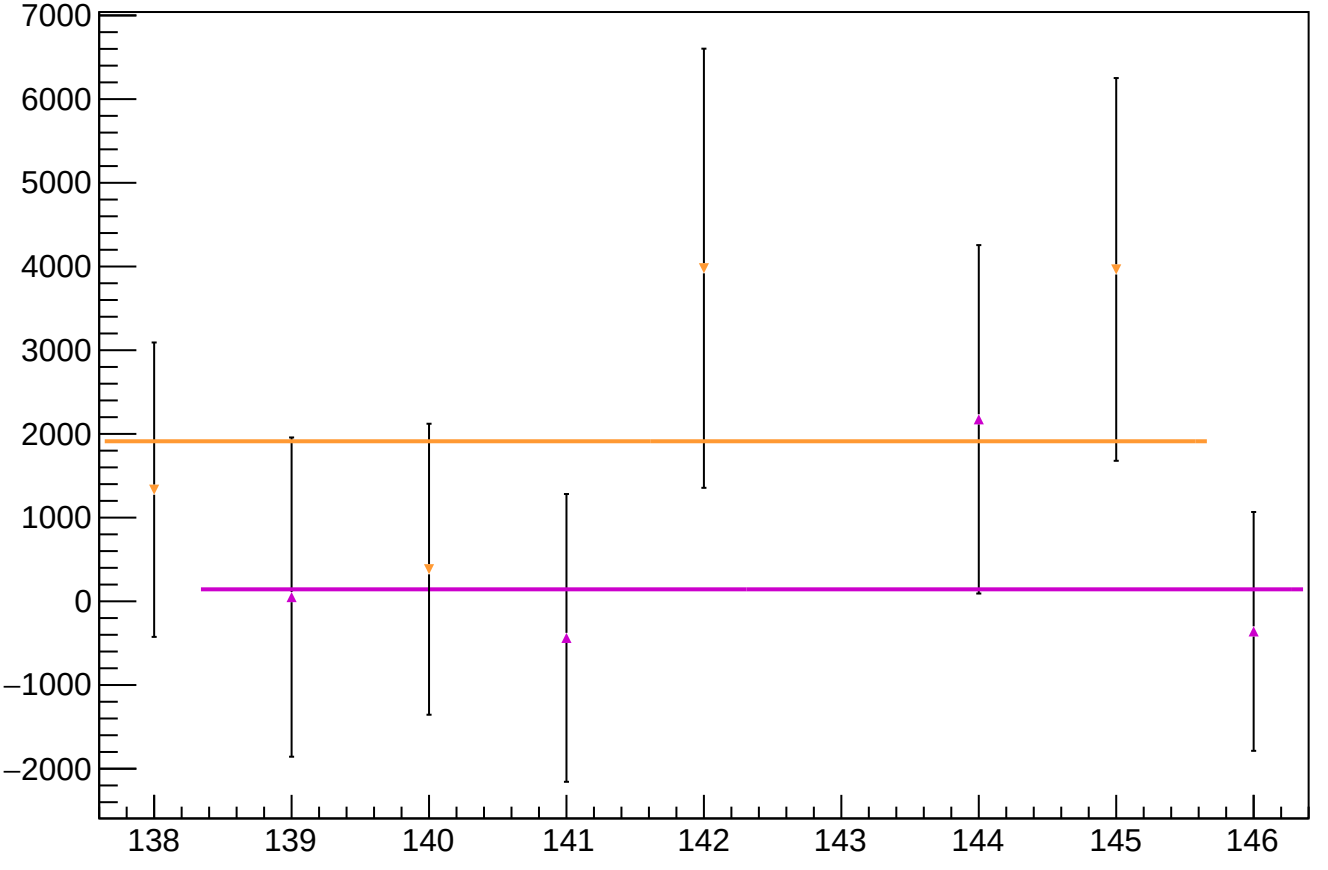
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1143.594+/-0.257 χ^2/NDF:324636.6/19

Out: 1145.567+/-0.260 χ^2/NDF:30403.7/21

All: 1144.571+/-0.183 χ^2/NDF: 355069.4/41

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 1912.208+/-1004.604 χ^2/NDF:2.3/3

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

Left In: 143.195+/-865.361 χ^2/NDF:1.2/3

Left: 896.702+/-655.651 χ^2/NDF: 5.3/7

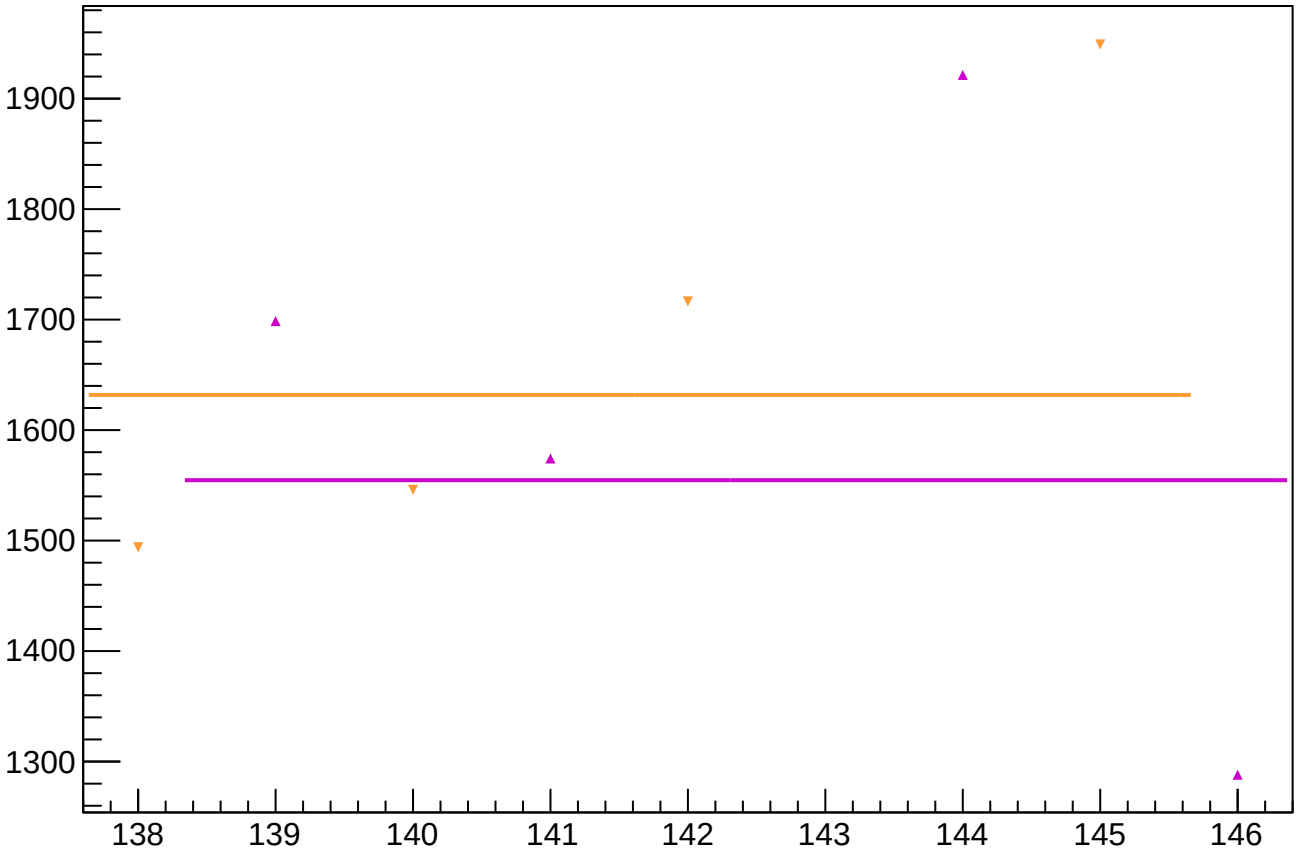
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 143.195+/-865.361 χ^2/NDF:1.2/3

Out: 1912.208+/-1004.604 χ^2/NDF:2.3/3

All: 896.702+/-655.651 χ^2/NDF: 5.3/7

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1631.809+/-0.710 χ^2/NDF:57750.0/3

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

Left In: 1554.653+/-0.612 χ^2/NDF:143584.2/3

Left: 1587.518+/-0.464 χ^2/NDF: 208106.6/7

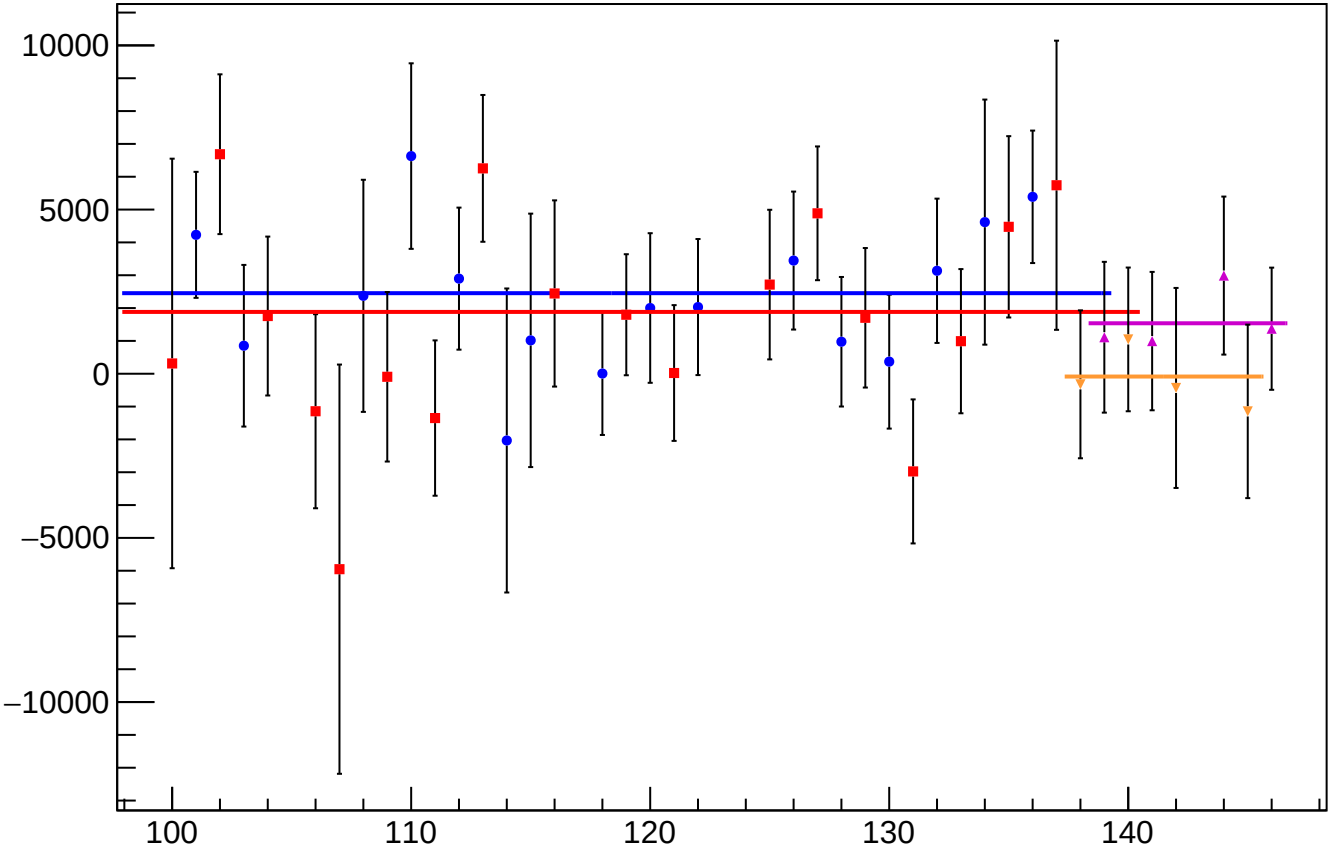
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1554.653+/-0.612 χ^2/NDF:143584.2/3

Out: 1631.809+/-0.710 χ^2/NDF:57750.0/3

All: 1587.518+/-0.464 χ^2/NDF: 208106.6/7

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: -85.580+/-1233.835 χ^2/NDF:0.5/3

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

Left In: 1536.980+/-1068.175 χ^2/NDF:0.5/3

Left: 841.863+/-807.580 χ^2/NDF: 1.9/7

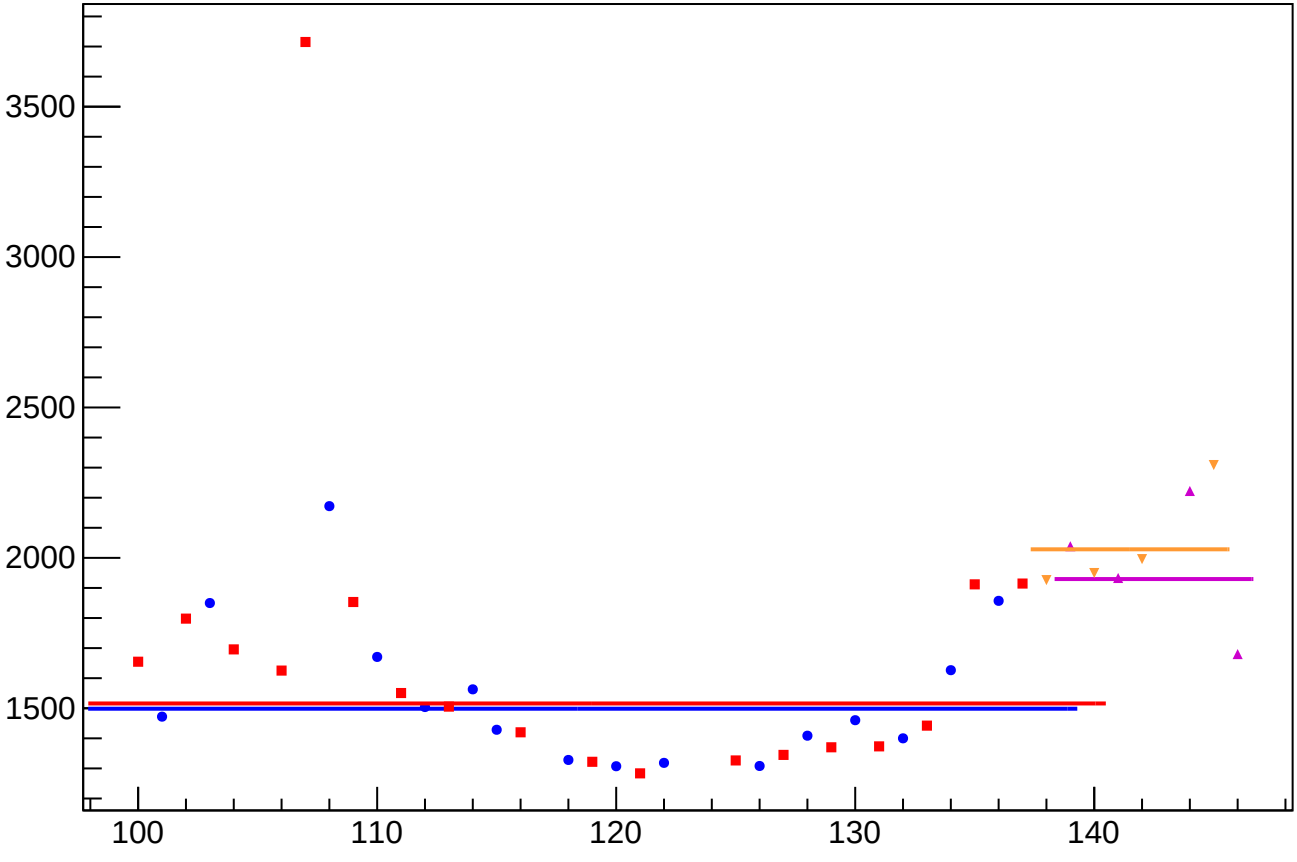
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 2242.548+/-512.624 χ^2/NDF:11.8/19

Out: 1523.312+/-527.257 χ^2/NDF:25.3/21

All: 1893.049+/-367.544 χ^2/NDF: 38.0/41

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 2028.432+/-0.872 χ^2/NDF:29447.2/3

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

Left In: 1929.580+/-0.755 χ^2/NDF:70080.9/3

Left: 1971.929+/-0.571 χ^2/NDF: 106865.9/7

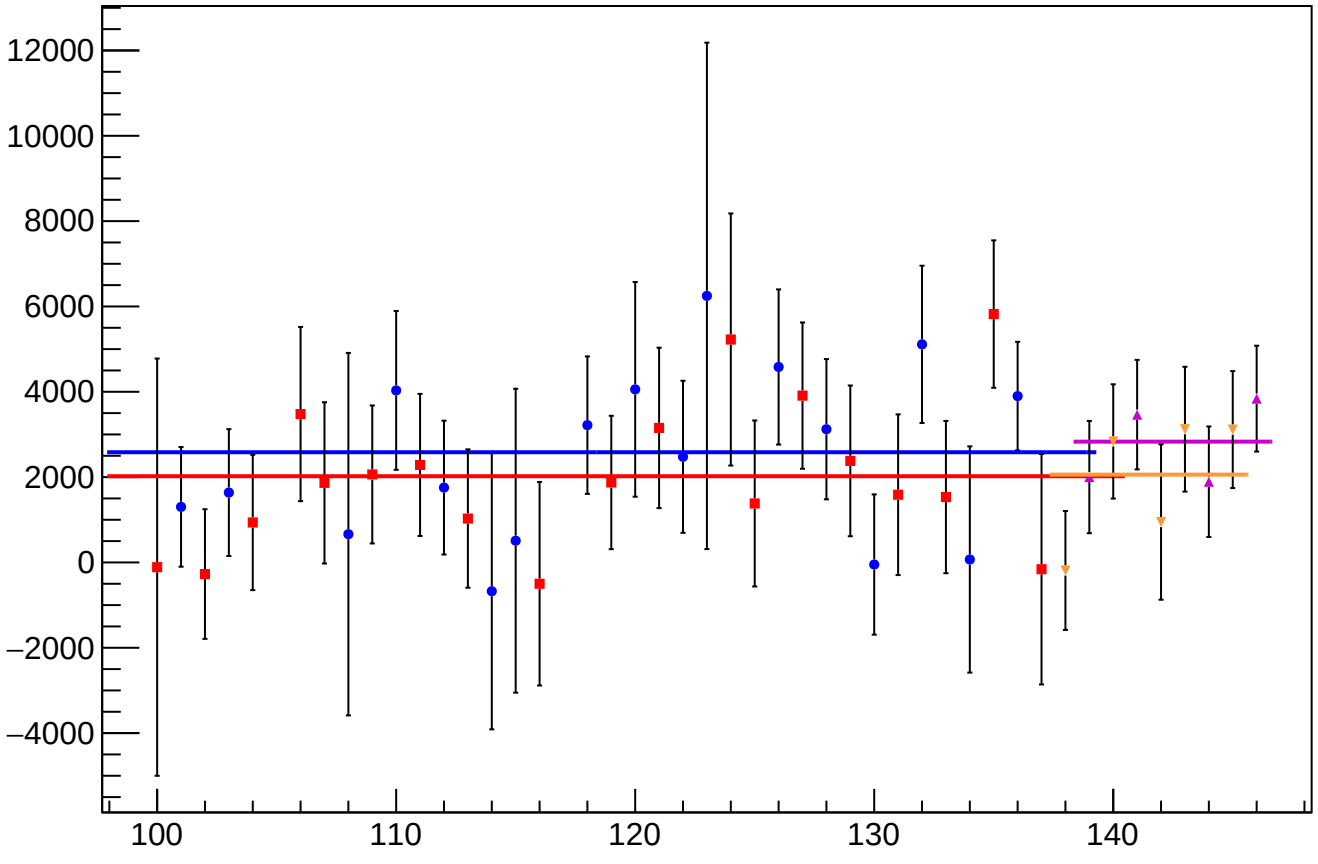
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1597.770+/-0.362 χ^2/NDF:579619.1/19

Out: 1609.535+/-0.373 χ^2/NDF:792023.5/21

All: 1603.487+/-0.260 χ^2/NDF: 1372154.4/41

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2058.900+/-649.069 χ^2/NDF:4.4/4

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

Left In: 2831.313+/-641.363 χ^2/NDF:1.8/3

Left: 2449.719+/-456.212 χ^2/NDF: 7.0/8

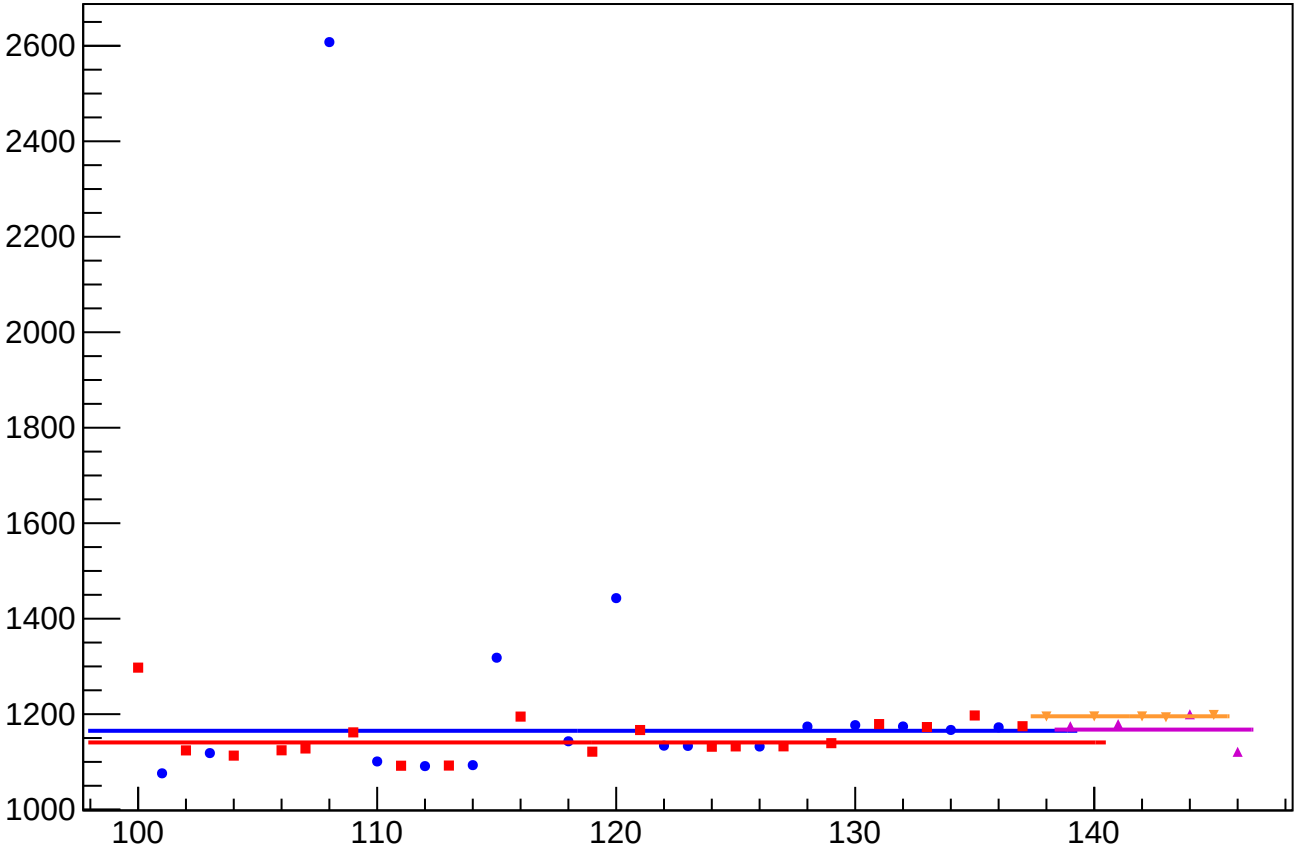
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2665.686+/-370.118 χ^2/NDF:14.2/20

Out: 2032.254+/-356.586 χ^2/NDF:17.9/23

All: 2337.178+/-256.795 χ^2/NDF: 33.7/44

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1195.543+/-0.459 χ^2/NDF:12.9/4

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

Left In: 1167.656+/-0.454 χ^2/NDF:4254.8/3

Left: 1181.433+/-0.323 χ^2/NDF: 6135.8/8

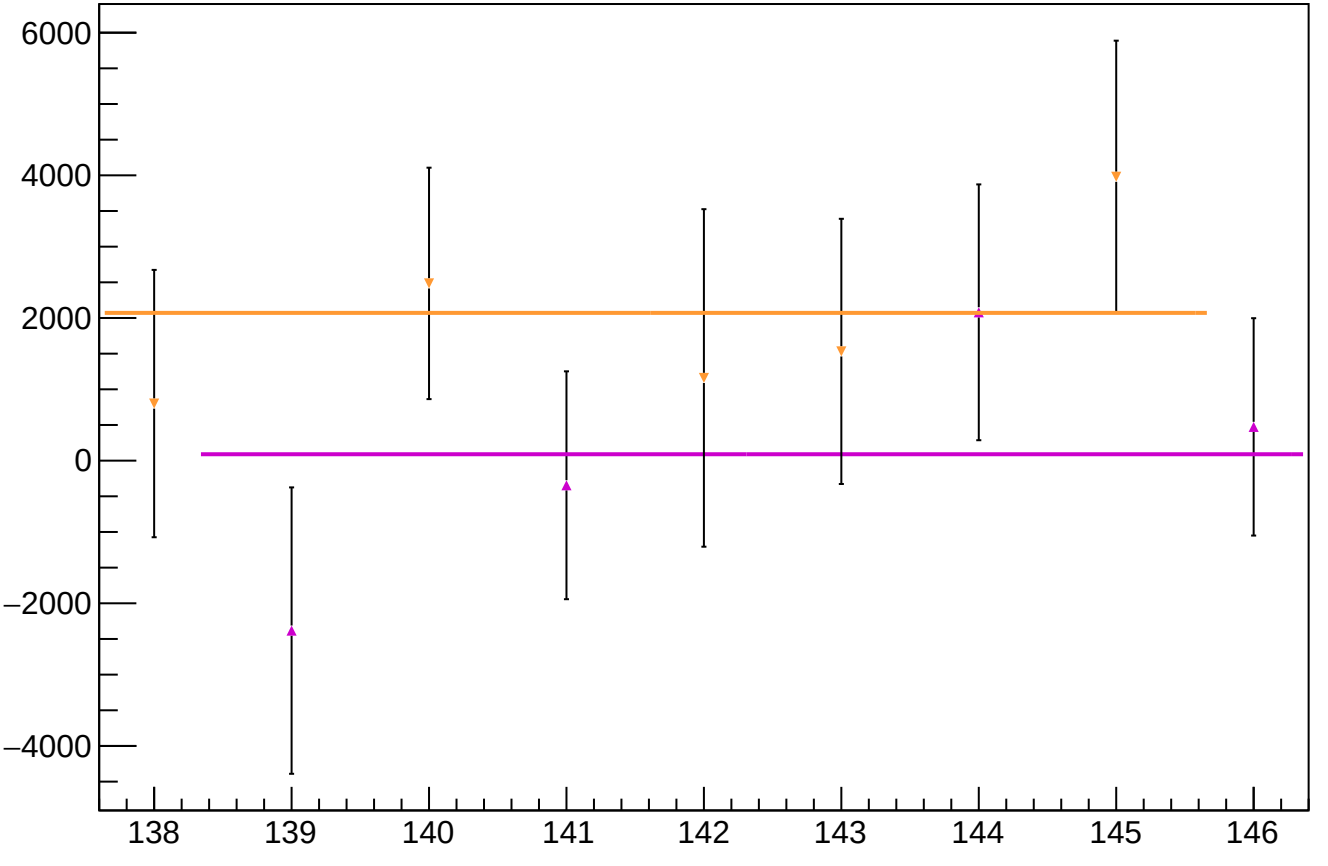
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1165.982+/-0.262 χ^2/NDF:282845.4/20

Out: 1157.289+/-0.252 χ^2/NDF:22681.1/23

All: 1161.474+/-0.182 χ^2/NDF: 306098.7/44

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 2071.616+/-842.919 χ^2/NDF:1.8/4

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

Left In: 89.808+/-850.738 χ^2/NDF:2.9/3

Left: 1089.861+/-598.779 χ^2/NDF: 7.4/8

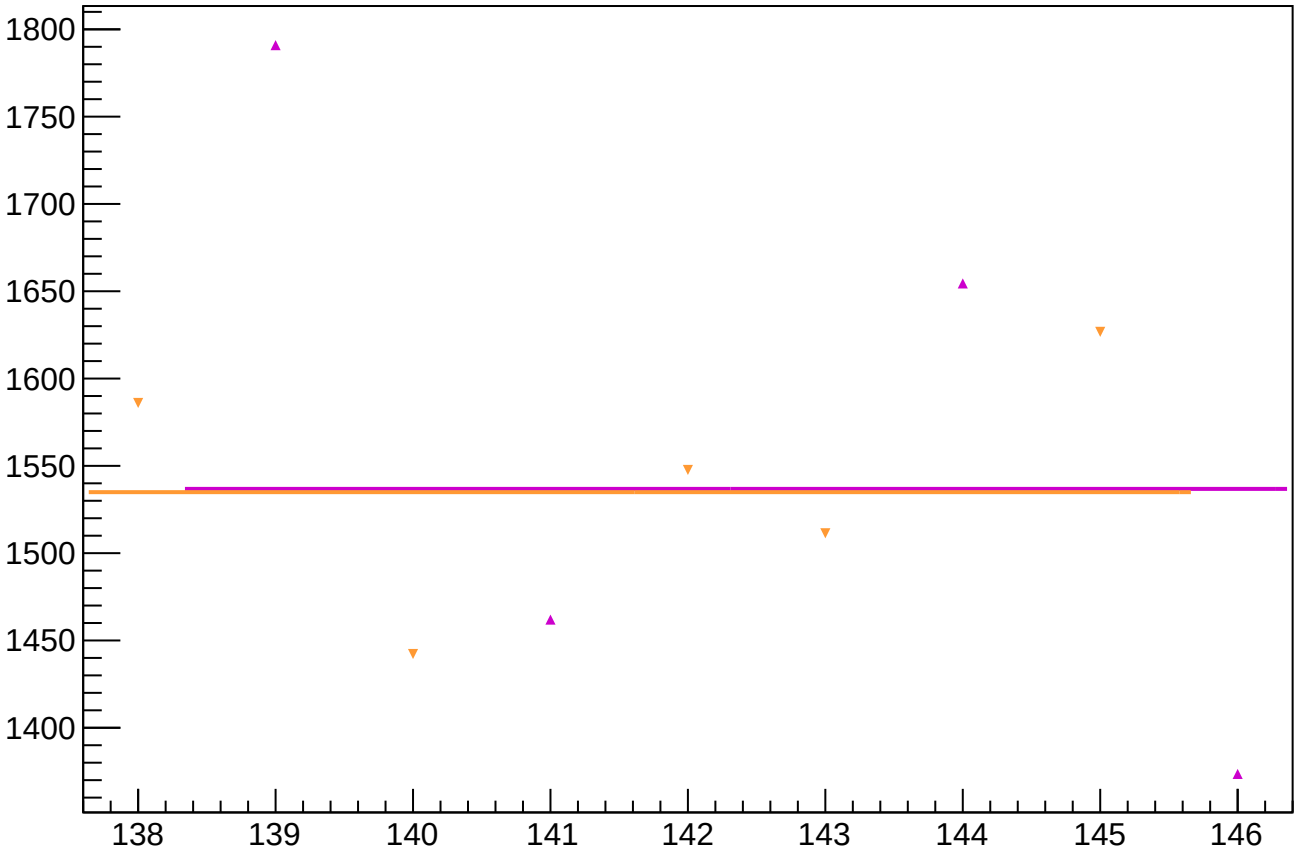
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 89.808+/-850.738 χ^2/NDF:2.9/3

Out: 2071.616+/-842.919 χ^2/NDF:1.8/4

All: 1089.861+/-598.779 χ^2/NDF: 7.4/8

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1534.940+/-0.596 χ^2/NDF:13024.8/4

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

Left In: 1536.805+/-0.602 χ^2/NDF:68002.7/3

Left: 1535.864+/-0.423 χ^2/NDF: 81032.4/8

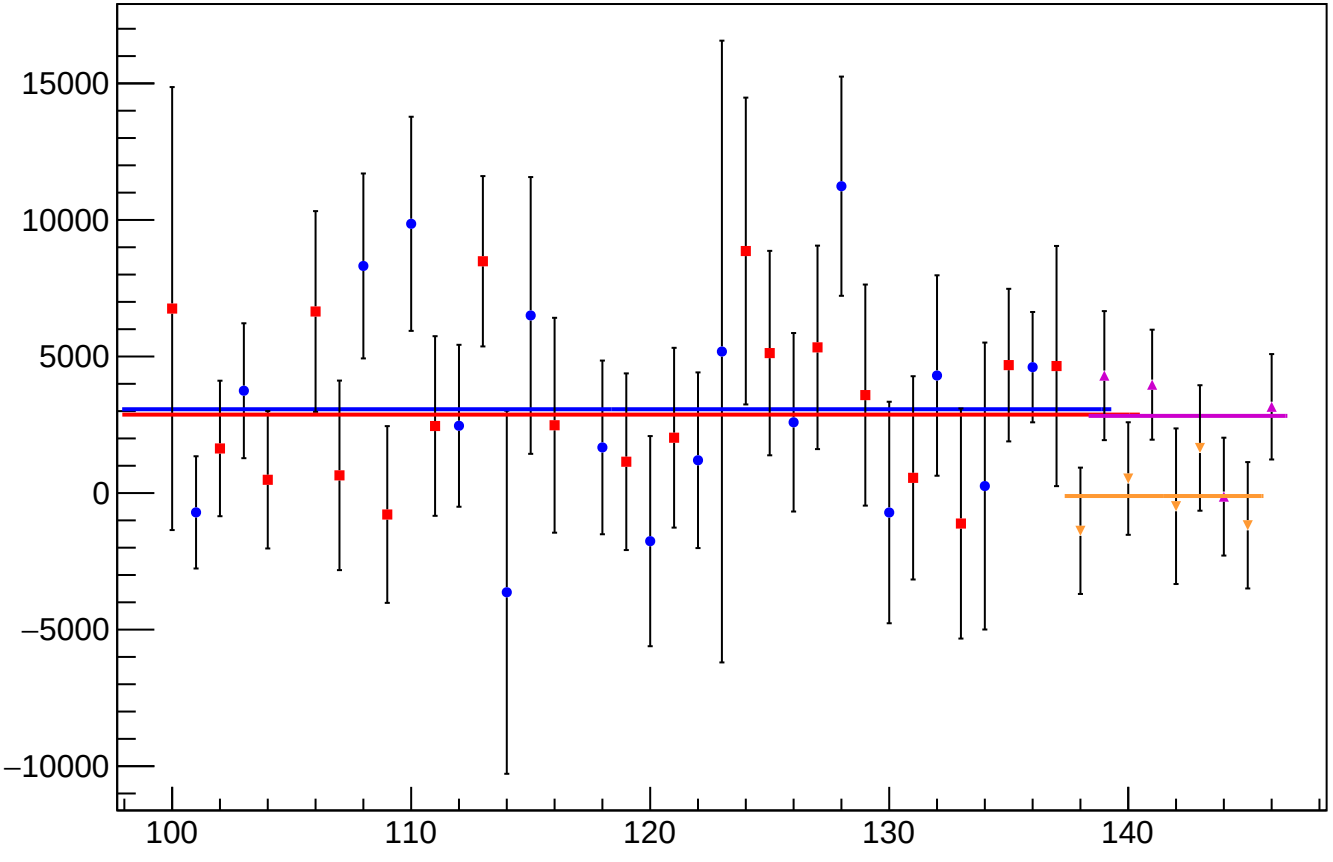
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1536.805+/-0.602 χ^2/NDF:68002.7/3

Out: 1534.940+/-0.596 χ^2/NDF:13024.8/4

All: 1535.864+/-0.423 χ^2/NDF: 81032.4/8

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -108.382+/-1041.502 χ^2/NDF:1.2/4

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

Left In: 2826.033+/-1048.838 χ^2/NDF:2.6/3

Left: 1348.528+/-739.033 χ^2/NDF: 7.8/8

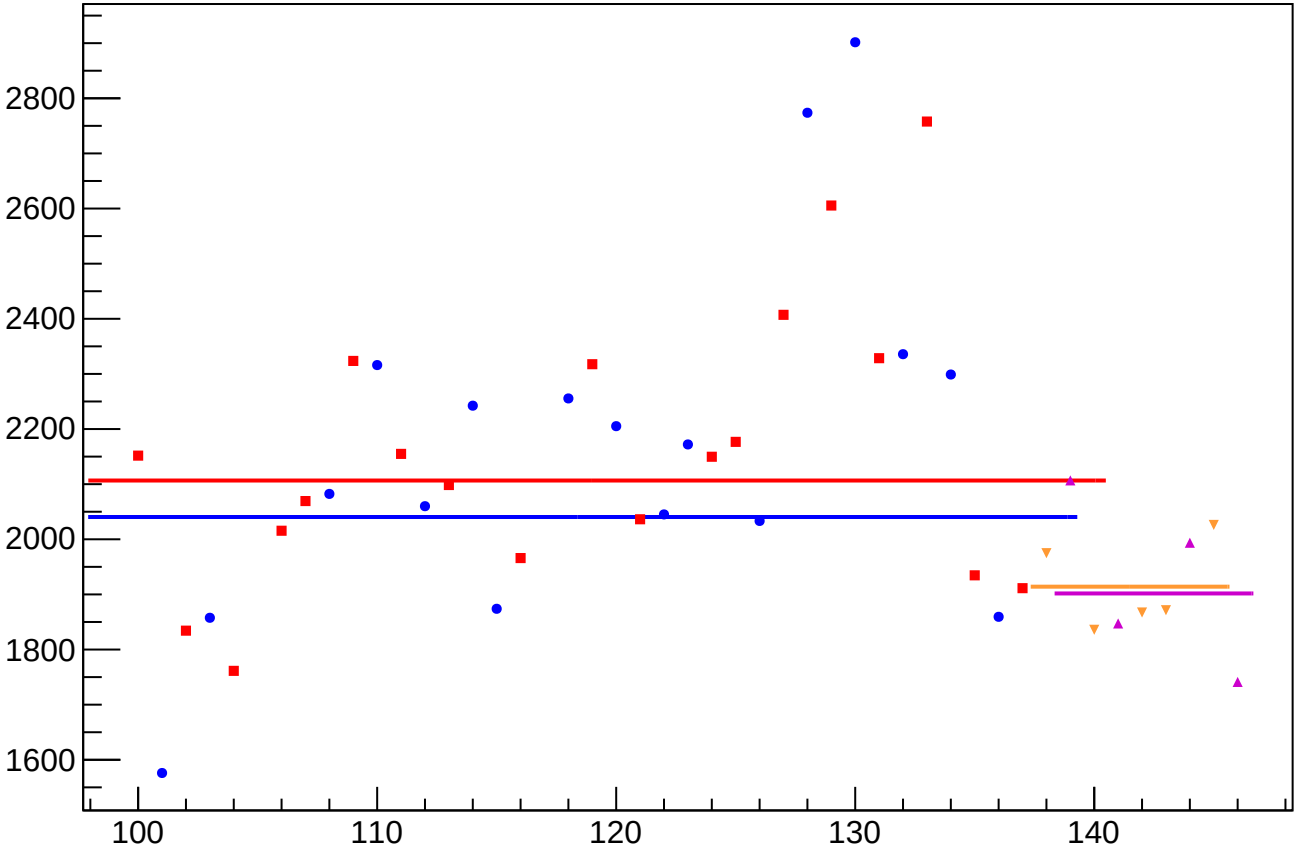
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2980.262+/-634.949 χ^2/NDF:21.2/20

Out: 1774.541+/-632.114 χ^2/NDF:18.0/23

All: 2374.704+/-447.971 χ^2/NDF: 41.0/44

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1914.059+/-0.736 χ^2/NDF:10181.3/4

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

Left In: 1901.751+/-0.742 χ^2/NDF:34003.5/3

Left: 1907.948+/-0.523 χ^2/NDF: 44323.4/8

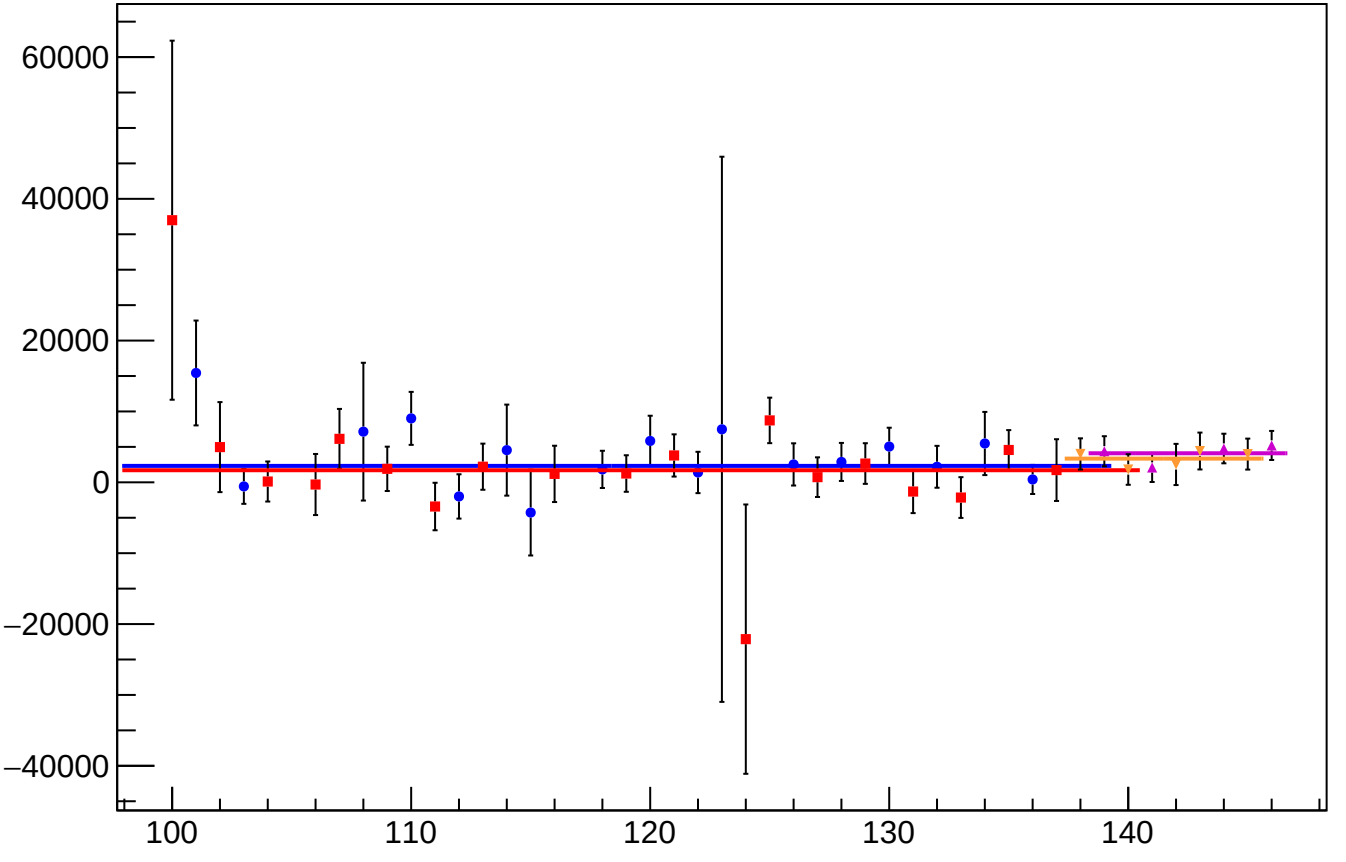
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1989.608+/-0.449 χ^2/NDF:387495.2/20

Out: 2035.691+/-0.447 χ^2/NDF:248781.2/23

All: 2012.753+/-0.317 χ^2/NDF: 641567.4/44

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 3344.774+/-1055.861 χ^2/NDF:0.9/4

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

Left In: 4100.238+/-1038.205 χ^2/NDF:1.4/3

Left: 3728.875+/-740.285 χ^2/NDF: 2.6/8

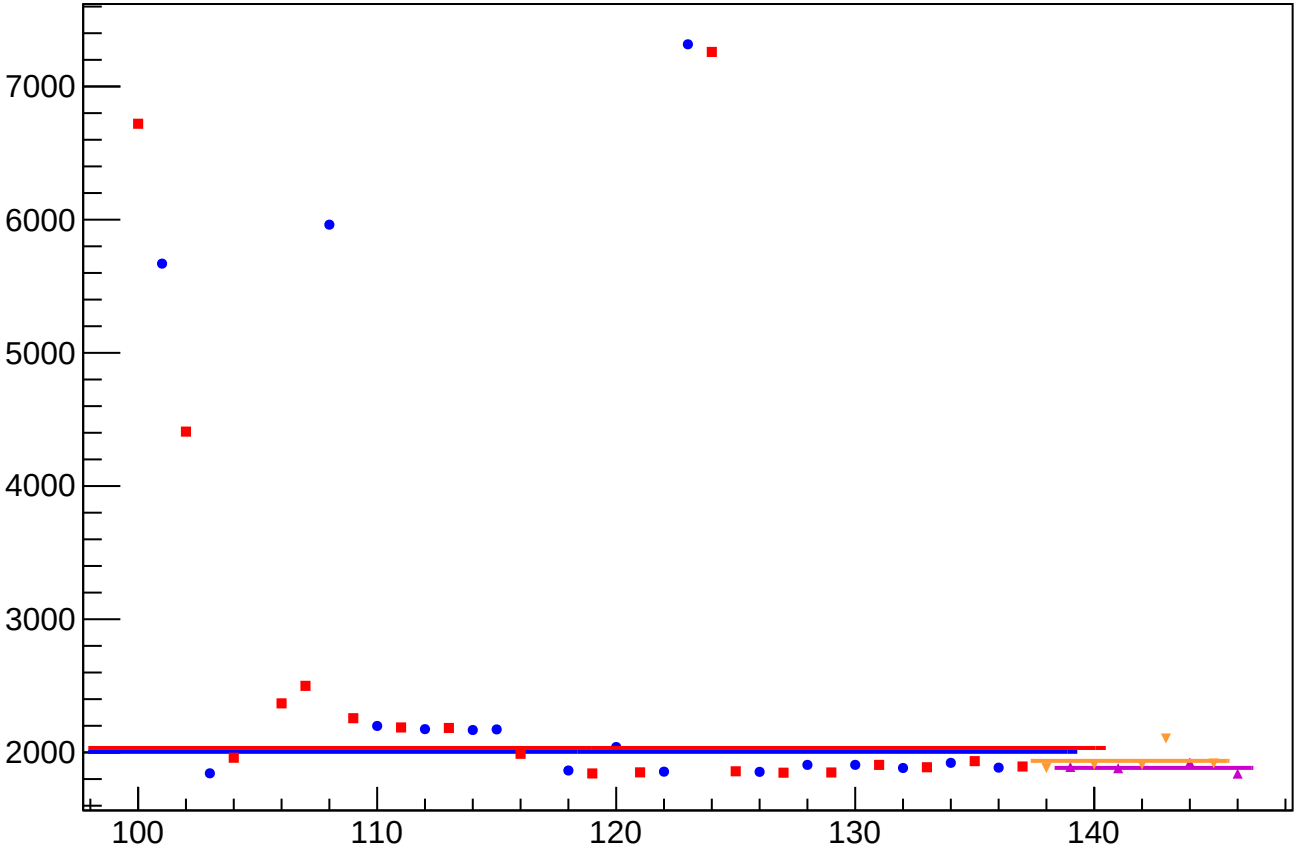
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2984.131+/-634.407 χ^2/NDF:18.0/20

Out: 2286.991+/-628.855 χ^2/NDF:19.6/23

All: 2632.498+/-446.618 χ^2/NDF: 38.3/44

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1936.719+/-0.747 χ^2/NDF:10226.3/4

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

Left In: 1883.922+/-0.734 χ^2/NDF:1645.3/3

Left: 1909.875+/-0.523 χ^2/NDF: 14414.0/8

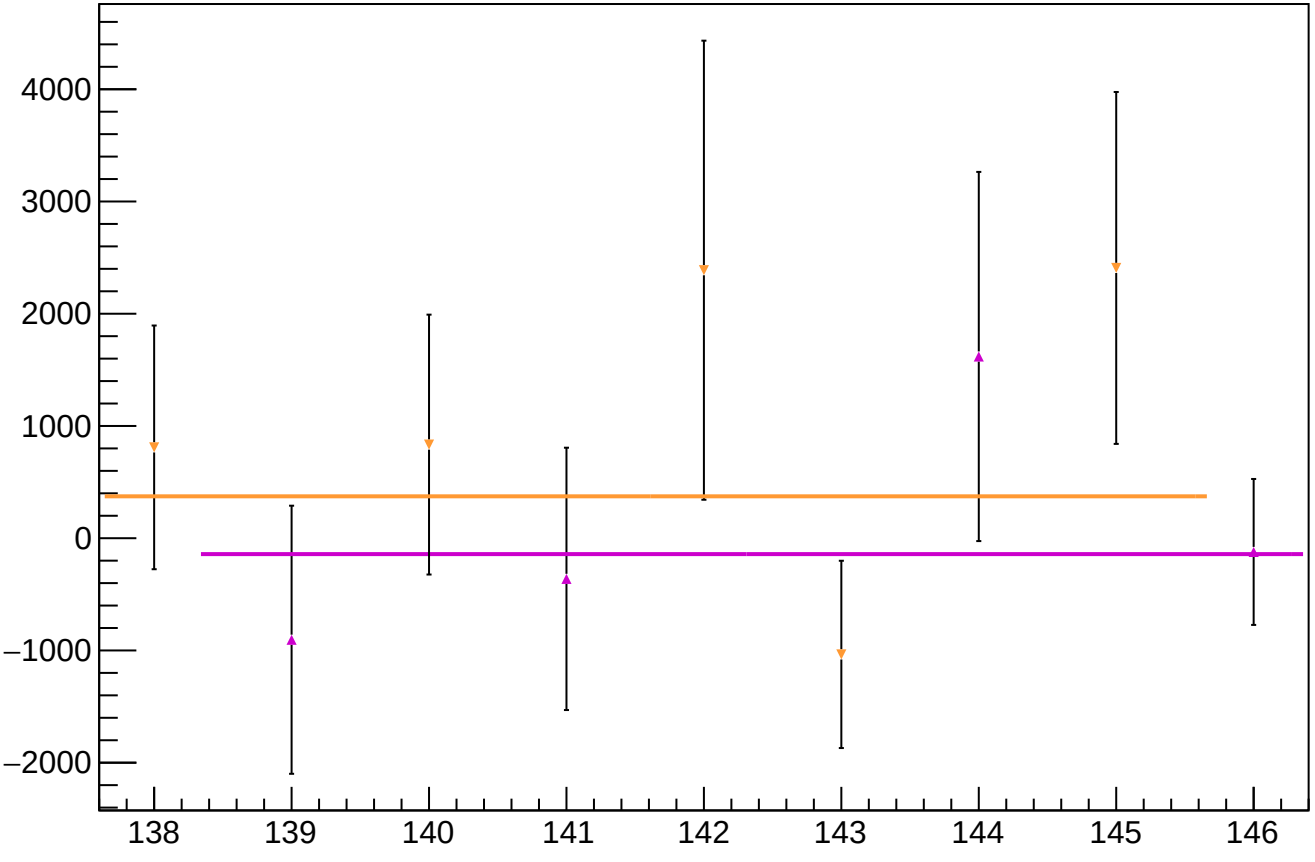
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1959.509+/-0.449 χ^2/NDF:934577.0/20

Out: 1999.163+/-0.445 χ^2/NDF:632076.9/23

All: 1979.510+/-0.316 χ^2/NDF: 1570595.3/44

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 373.198+/-521.466 χ^2/NDF:5.8/4

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

Left In: -141.621+/-489.779 χ^2/NDF:1.6/3

Left: 99.672+/-357.003 χ^2/NDF: 7.9/8

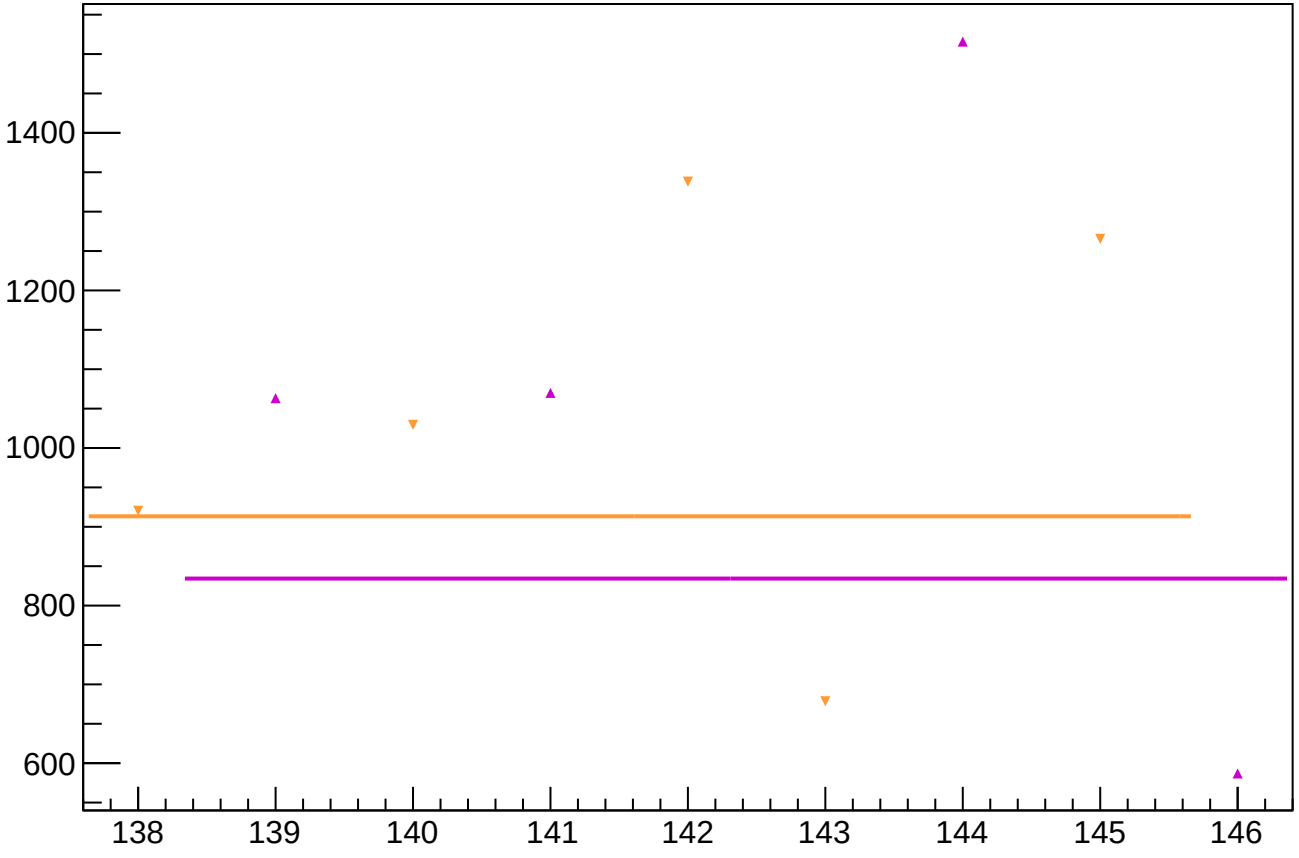
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -141.621+/-489.779 χ^2/NDF:1.6/3

Out: 373.198+/-521.466 χ^2/NDF:5.8/4

All: 99.672+/-357.003 χ^2/NDF: 7.9/8

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 913.330+/-0.369 χ^2/NDF:365774.9/4

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

Left In: 834.304+/-0.346 χ^2/NDF:787789.3/3

Left: 871.343+/-0.252 χ^2/NDF: 1177968.3/8

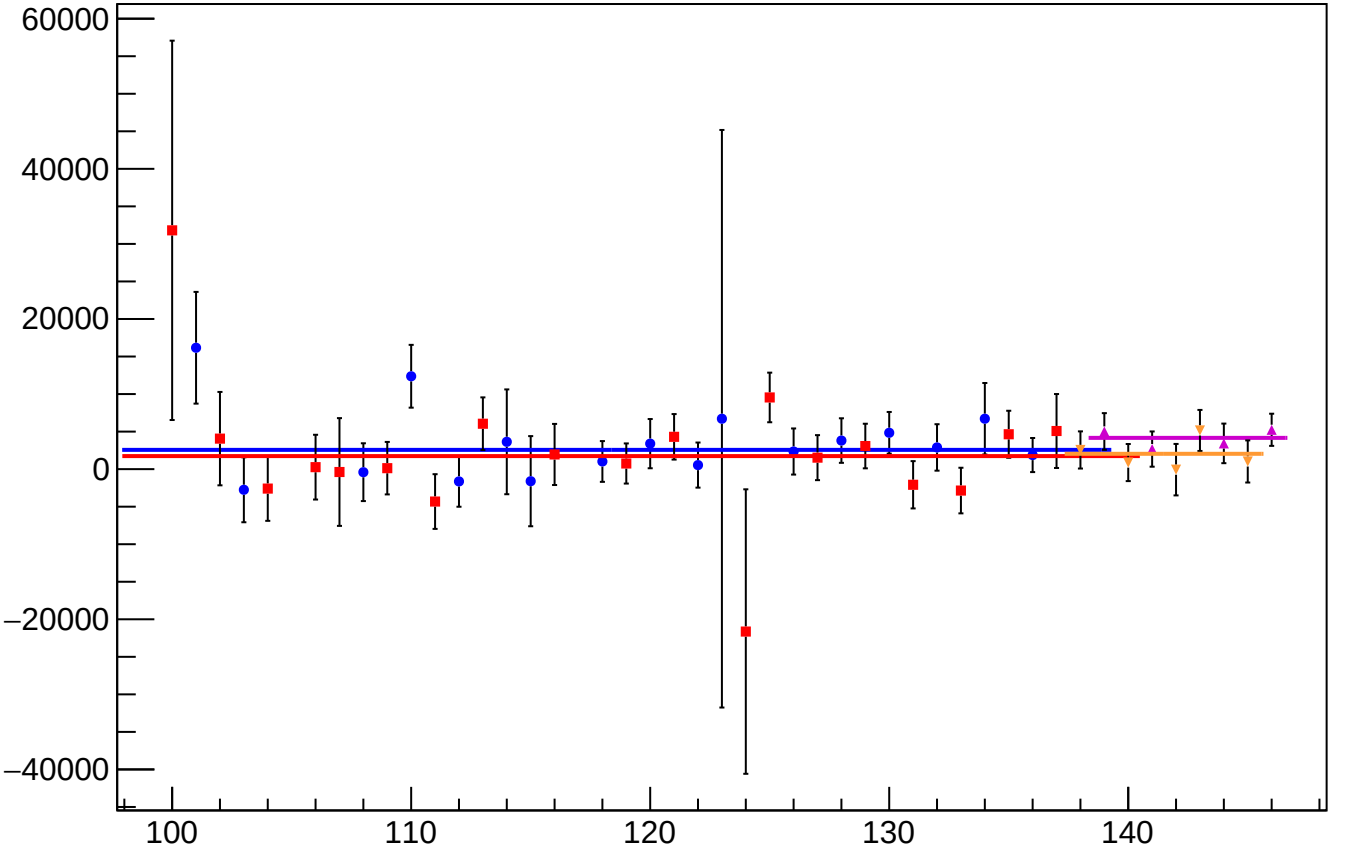
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 834.304+/-0.346 χ^2/NDF:787789.3/3

Out: 913.330+/-0.369 χ^2/NDF:365774.9/4

All: 871.343+/-0.252 χ^2/NDF: 1177968.3/8

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2042.169+/-1218.822 χ^2/NDF:2.1/4

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

Left In: 4165.112+/-1186.096 χ^2/NDF:0.9/3

Left: 3132.525+/-850.031 χ^2/NDF: 4.5/8

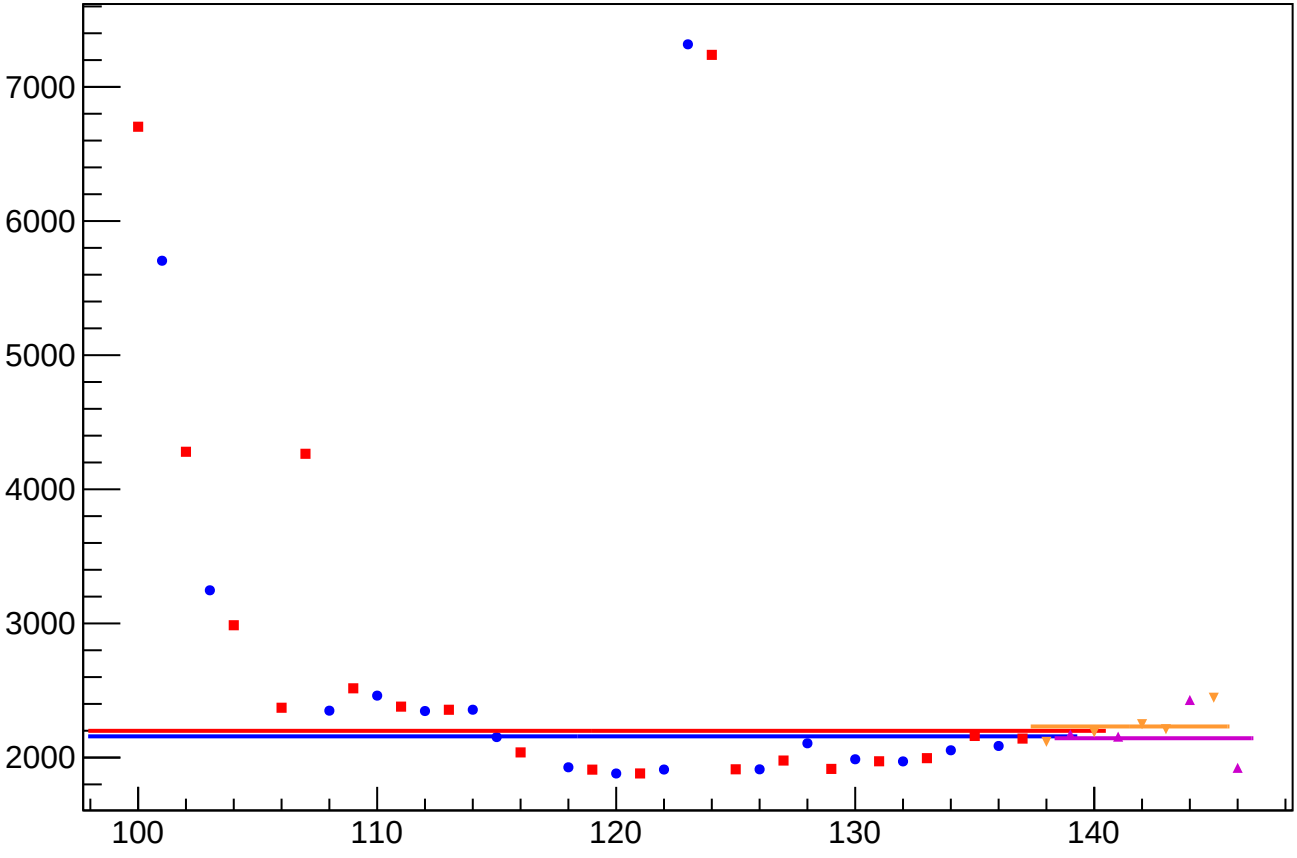
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 3114.247+/-694.162 χ^2/NDF:17.6/20

Out: 1837.817+/-698.952 χ^2/NDF:22.6/23

All: 2480.421+/-492.531 χ^2/NDF: 41.9/44

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2231.833+/-0.862 χ^2/NDF:16744.4/4

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

Left In: 2144.158+/-0.839 χ^2/NDF:44979.2/3

Left: 2186.802+/-0.601 χ^2/NDF: 67038.9/8

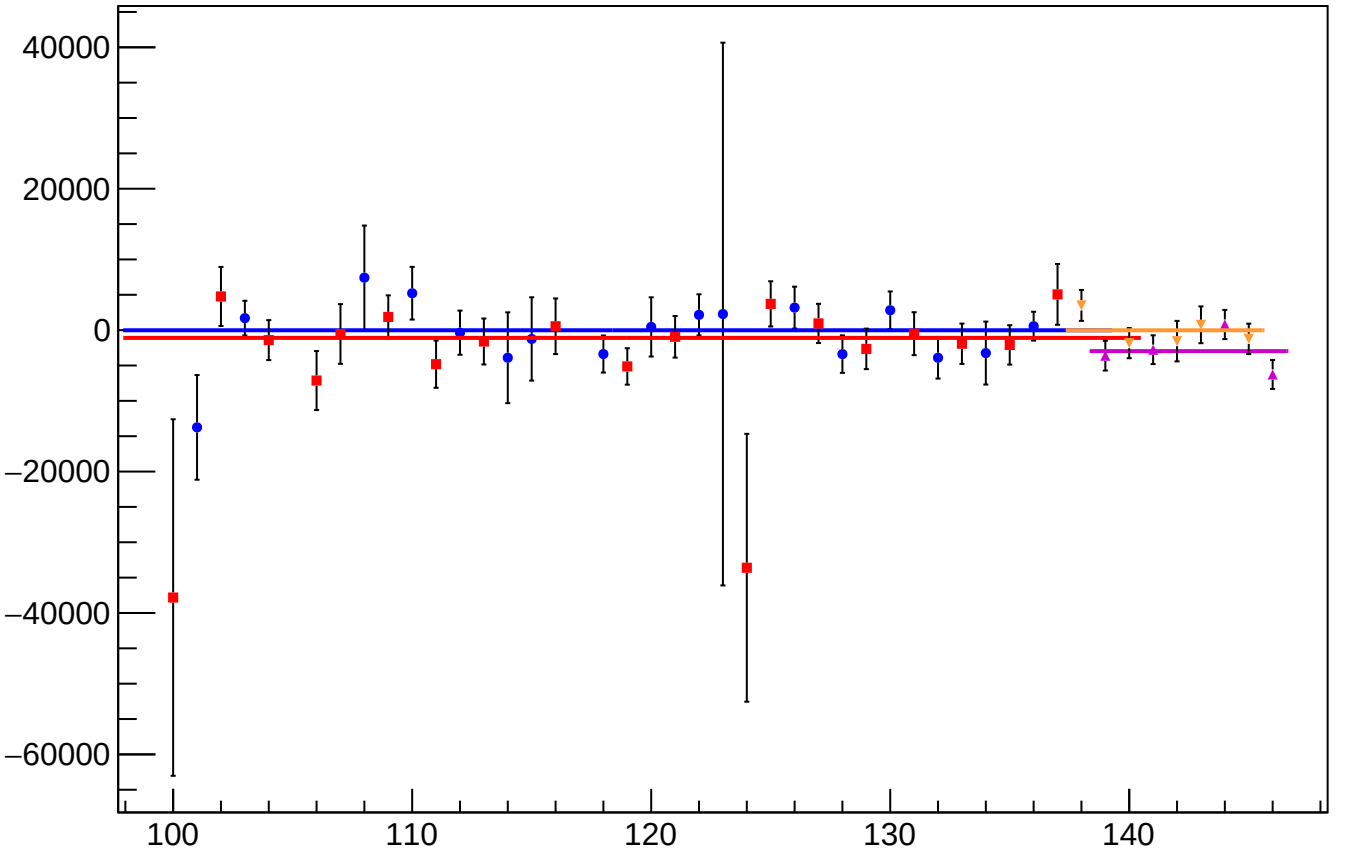
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2153.356+/-0.491 χ^2/NDF:759024.3/20

Out: 2210.028+/-0.494 χ^2/NDF:820720.2/23

All: 2181.497+/-0.348 χ^2/NDF: 1586363.7/44

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -18.832+/-1045.935 χ^2/NDF:4.0/4

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

Left In: -2968.696+/-1030.300 χ^2/NDF:6.1/3

Left: -1515.977+/-733.997 χ^2/NDF: 14.1/8

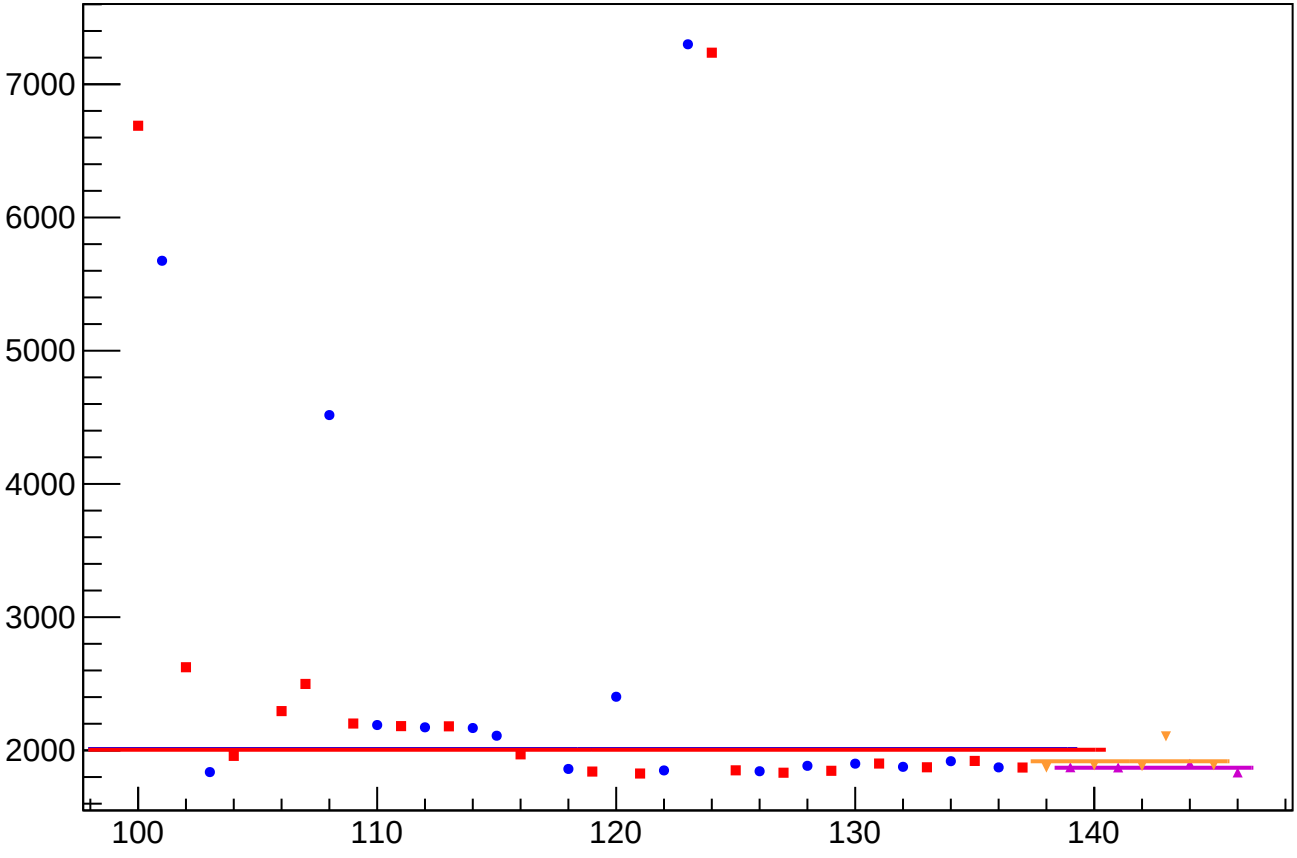
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -1130.462+/-632.573 χ^2/NDF:27.0/20

Out: -717.209+/-619.943 χ^2/NDF:24.1/23

All: -919.669+/-442.764 χ^2/NDF: 51.3/44

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1918.320+/-0.740 χ^2/NDF:12381.7/4

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

Left In: 1869.815+/-0.729 χ^2/NDF:1005.5/3

Left: 1893.703+/-0.519 χ^2/NDF: 15570.2/8

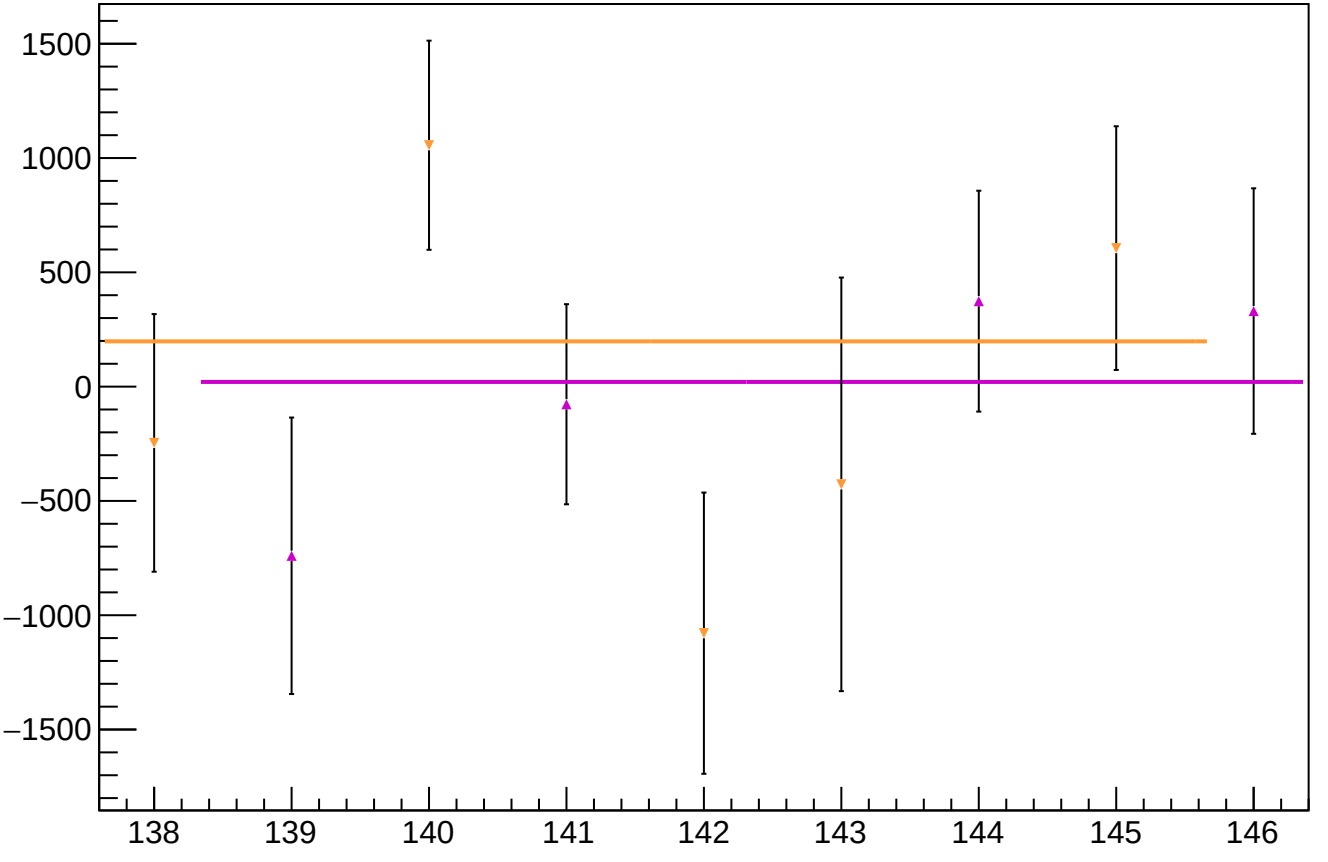
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1957.326+/-0.447 χ^2/NDF:863910.5/20

Out: 1974.472+/-0.438 χ^2/NDF:388780.8/23

All: 1966.072+/-0.313 χ^2/NDF: 1253440.8/44

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 198.016+/-255.561 χ^2/NDF:9.5/4

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

Left In: 20.568+/-252.334 χ^2/NDF:2.5/3

Left: 108.165+/-179.557 χ^2/NDF: 12.3/8

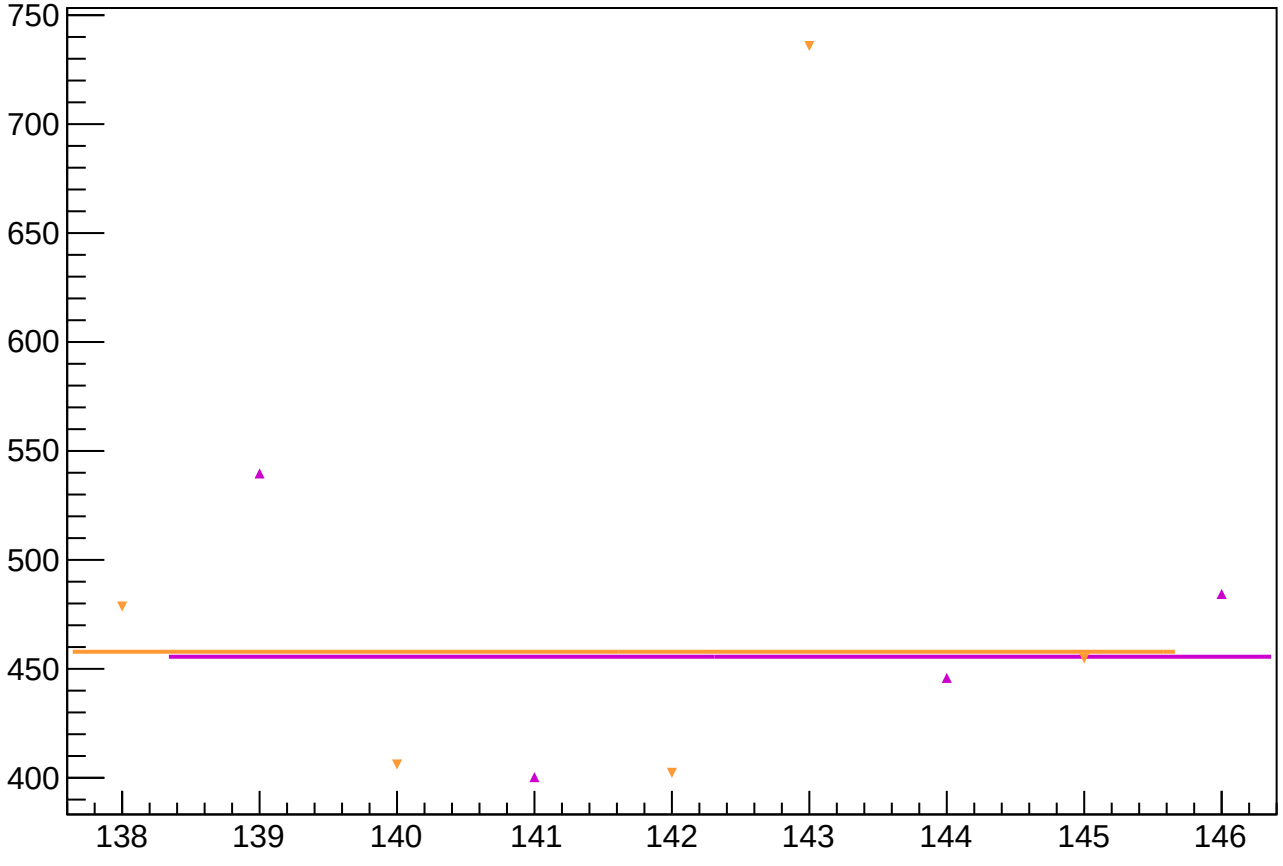
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.568+/-252.334 χ^2/NDF:2.5/3

Out: 198.016+/-255.561 χ^2/NDF:9.5/4

All: 108.165+/-179.557 χ^2/NDF: 12.3/8

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 457.849+/-0.181 χ^2/NDF:233506.0/4

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

Left In: 455.563+/-0.178 χ^2/NDF:77137.0/3

Left: 456.692+/-0.127 χ^2/NDF: 310724.1/8

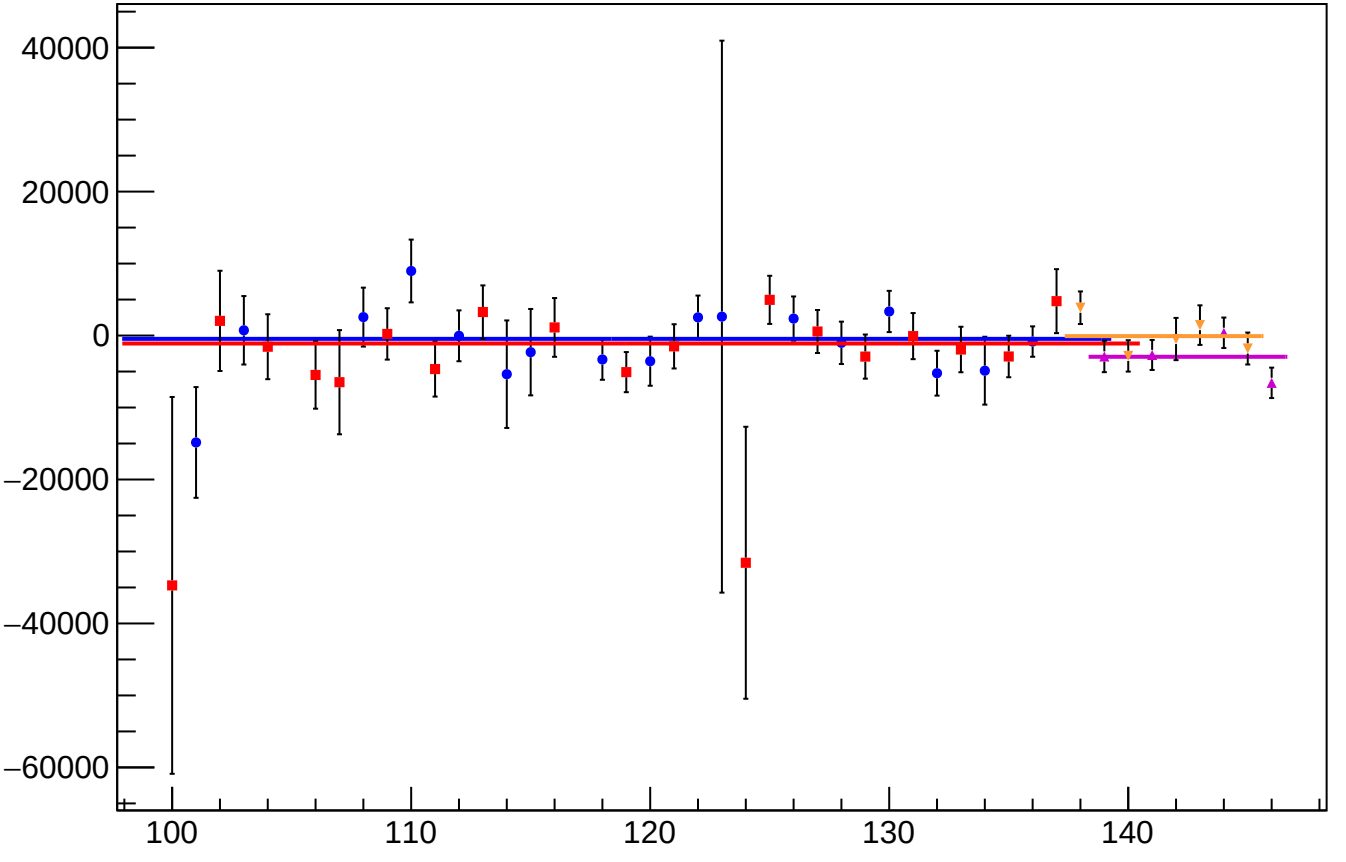
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 455.563+/-0.178 χ^2/NDF:77137.0/3

Out: 457.849+/-0.181 χ^2/NDF:233506.0/4

All: 456.692+/-0.127 χ^2/NDF: 310724.1/8

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -80.946+/-1080.283 χ^2/NDF:5.6/4

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

Left In: -2949.469+/-1062.132 χ^2/NDF:5.4/3

Left: -1539.509+/-757.377 χ^2/NDF: 14.6/8

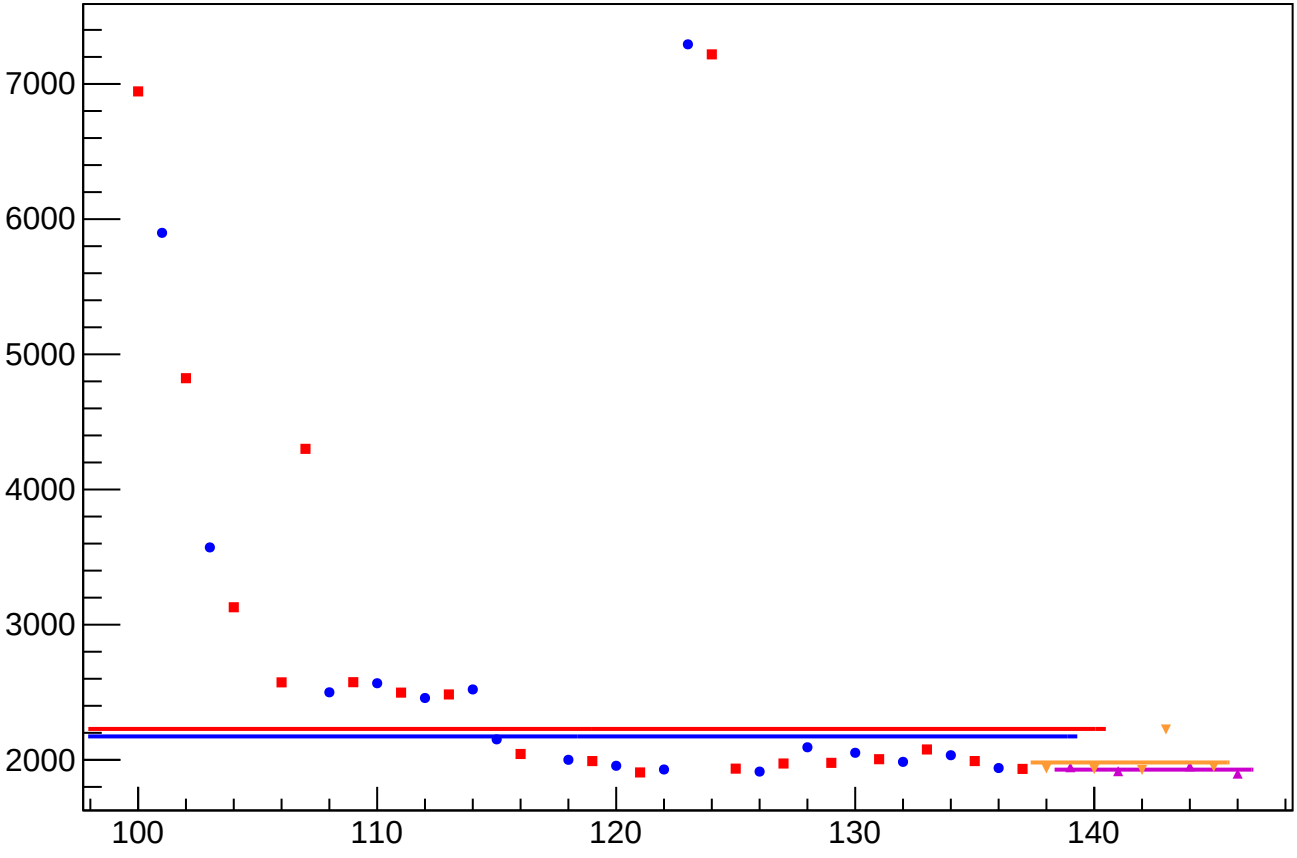
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -1451.909+/-670.785 χ^2/NDF:26.8/20

Out: -703.298+/-676.242 χ^2/NDF:23.0/23

All: -1080.636+/-476.234 χ^2/NDF: 50.4/44

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1980.727+/-0.764 χ^2/NDF:18701.7/4

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

Left In: 1927.819+/-0.751 χ^2/NDF:844.5/3

Left: 1953.825+/-0.536 χ^2/NDF: 21985.6/8

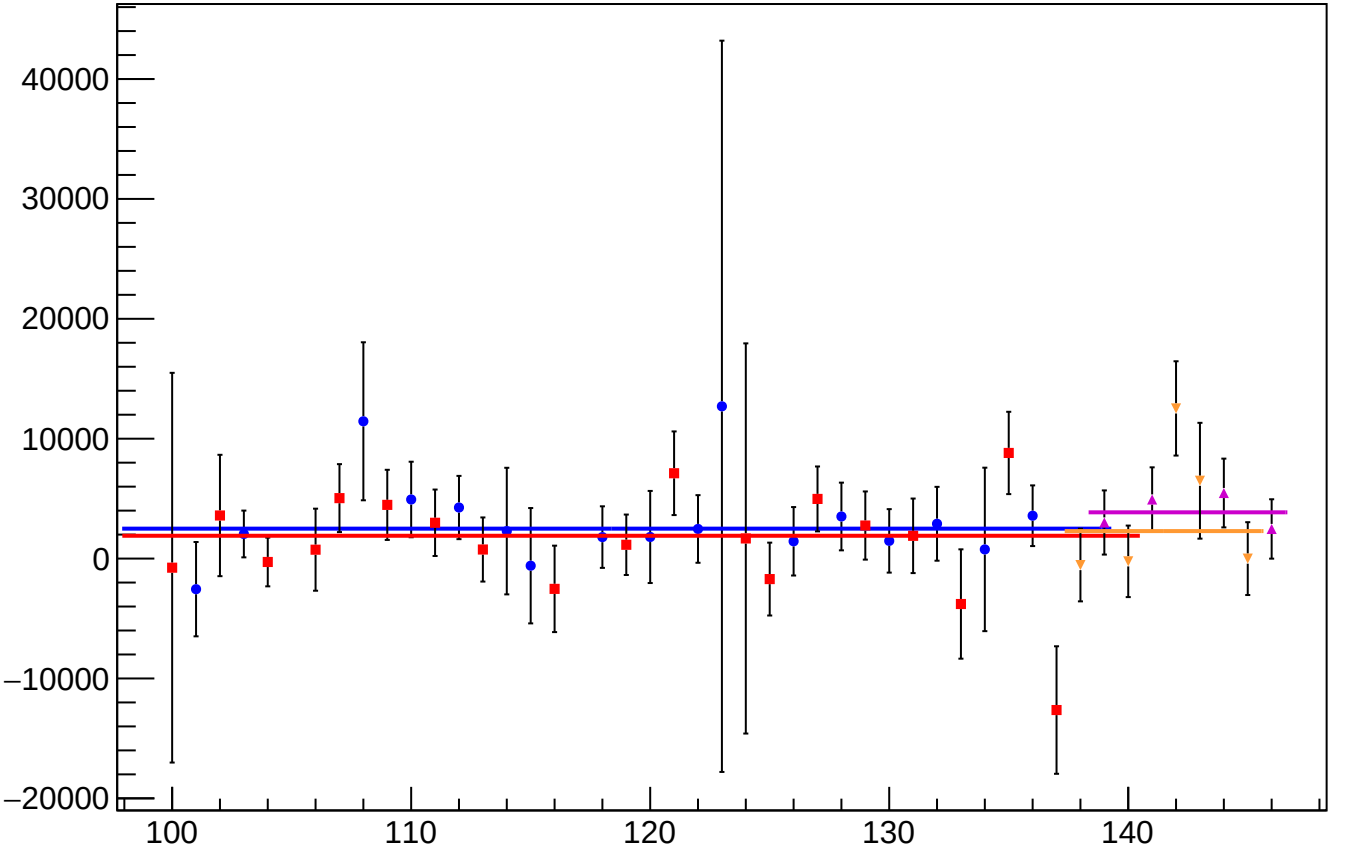
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 2075.527+/-0.474 χ^2/NDF:870548.1/20

Out: 2131.647+/-0.478 χ^2/NDF:978751.4/23

All: 2103.360+/-0.337 χ^2/NDF: 1856242.4/44

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 2292.725+/-1512.087 χ^2/NDF:9.7/4

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

Left In: 3857.874+/-1332.588 χ^2/NDF:0.9/3

Left: 3173.668+/-999.752 χ^2/NDF: 11.2/8

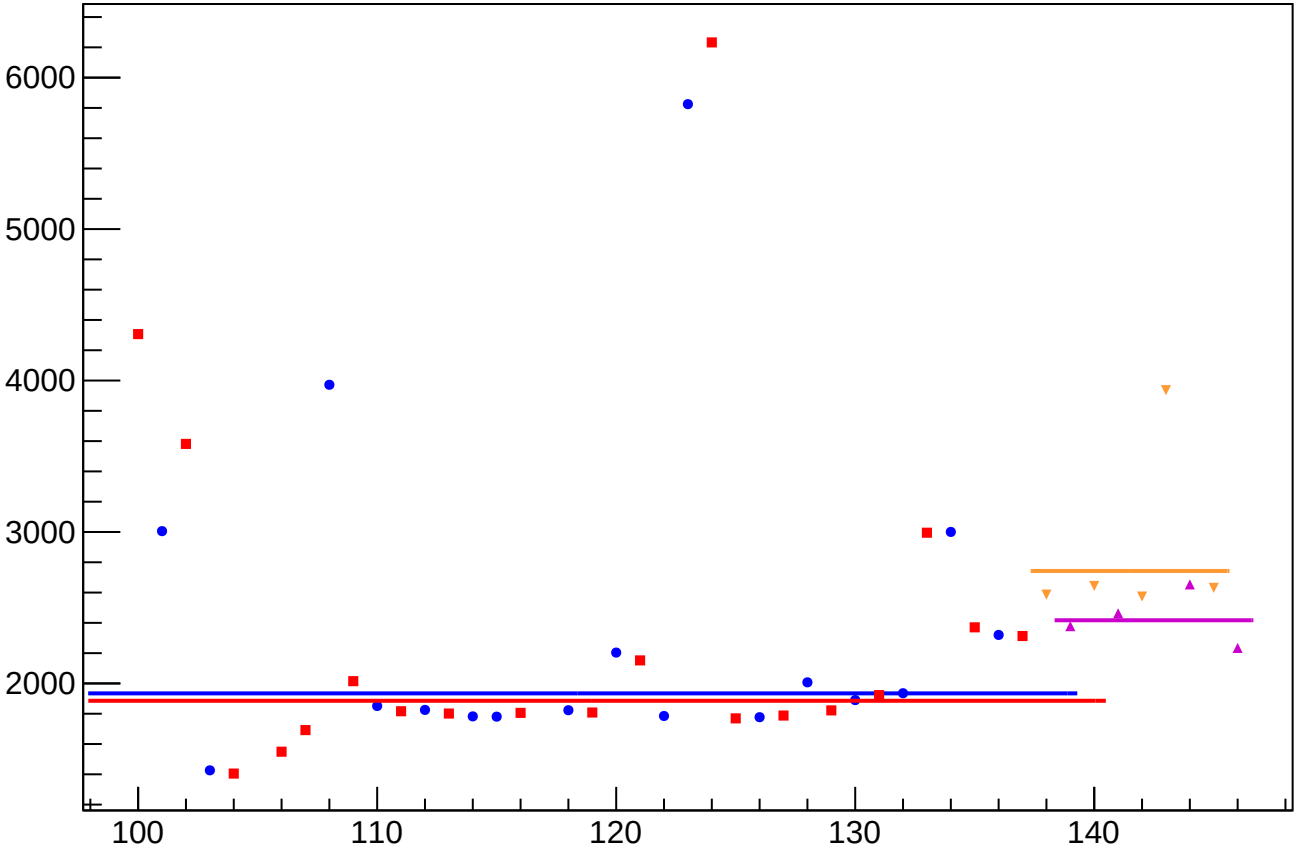
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 2836.212+/-665.595 χ^2/NDF:7.6/20

Out: 1977.754+/-662.346 χ^2/NDF:33.2/23

All: 2404.883+/-469.494 χ^2/NDF: 41.6/44

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2742.658+/-1.069 χ^2/NDF:136059.4/4

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

Left In: 2417.053+/-0.942 χ^2/NDF:25504.7/3

Left: 2559.391+/-0.707 χ^2/NDF: 213761.7/8

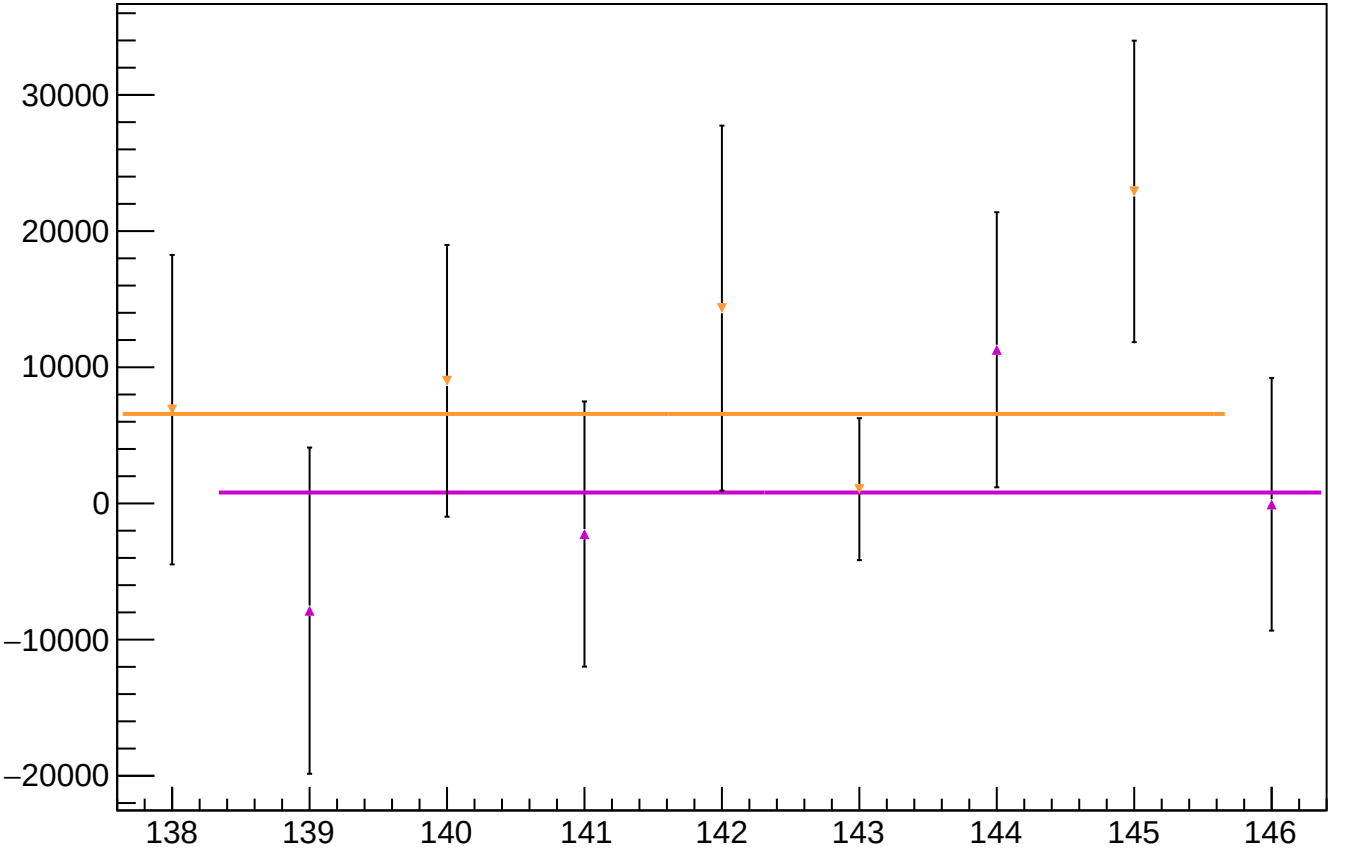
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2054.813+/-0.471 χ^2/NDF:861334.2/20

Out: 2049.955+/-0.468 χ^2/NDF:1407501.4/23

All: 2052.372+/-0.332 χ^2/NDF: 2268889.1/44

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 6573.212+/-3825.830 χ^2/NDF:3.7/4

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

Left In: 803.347+/-5067.031 χ^2/NDF:1.7/3

Left: 4478.207+/-3053.256 χ^2/NDF: 6.2/8

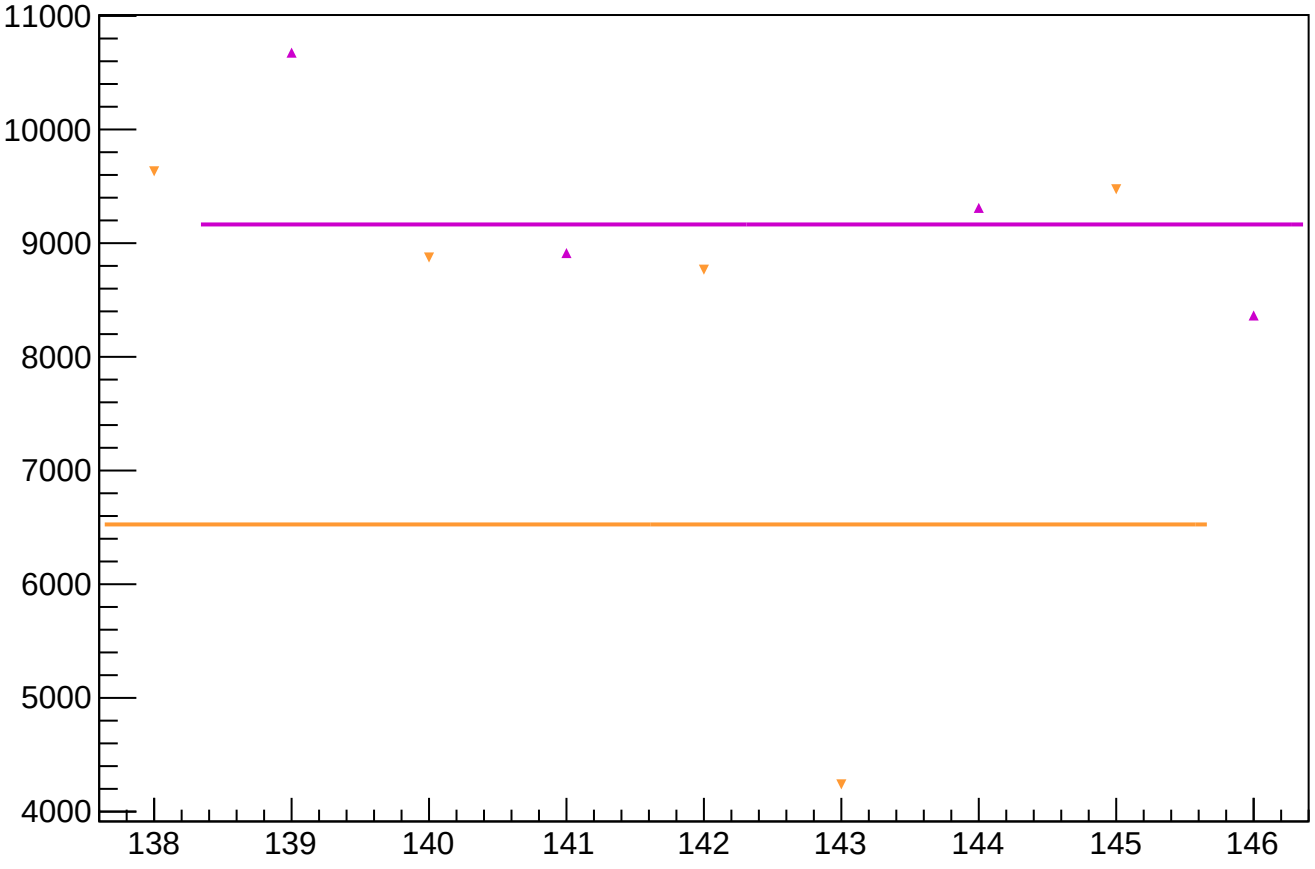
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 803.347+/-5067.031 χ^2/NDF:1.7/3

Out: 6573.212+/-3825.830 χ^2/NDF:3.7/4

All: 4478.207+/-3053.256 χ^2/NDF: 6.2/8

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6525.875+/-2.705 χ^2/NDF:842737.9/4

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

Left In: 9164.593+/-3.583 χ^2/NDF:48493.8/3

Left: 7483.978+/-2.159 χ^2/NDF: 1236680.9/8

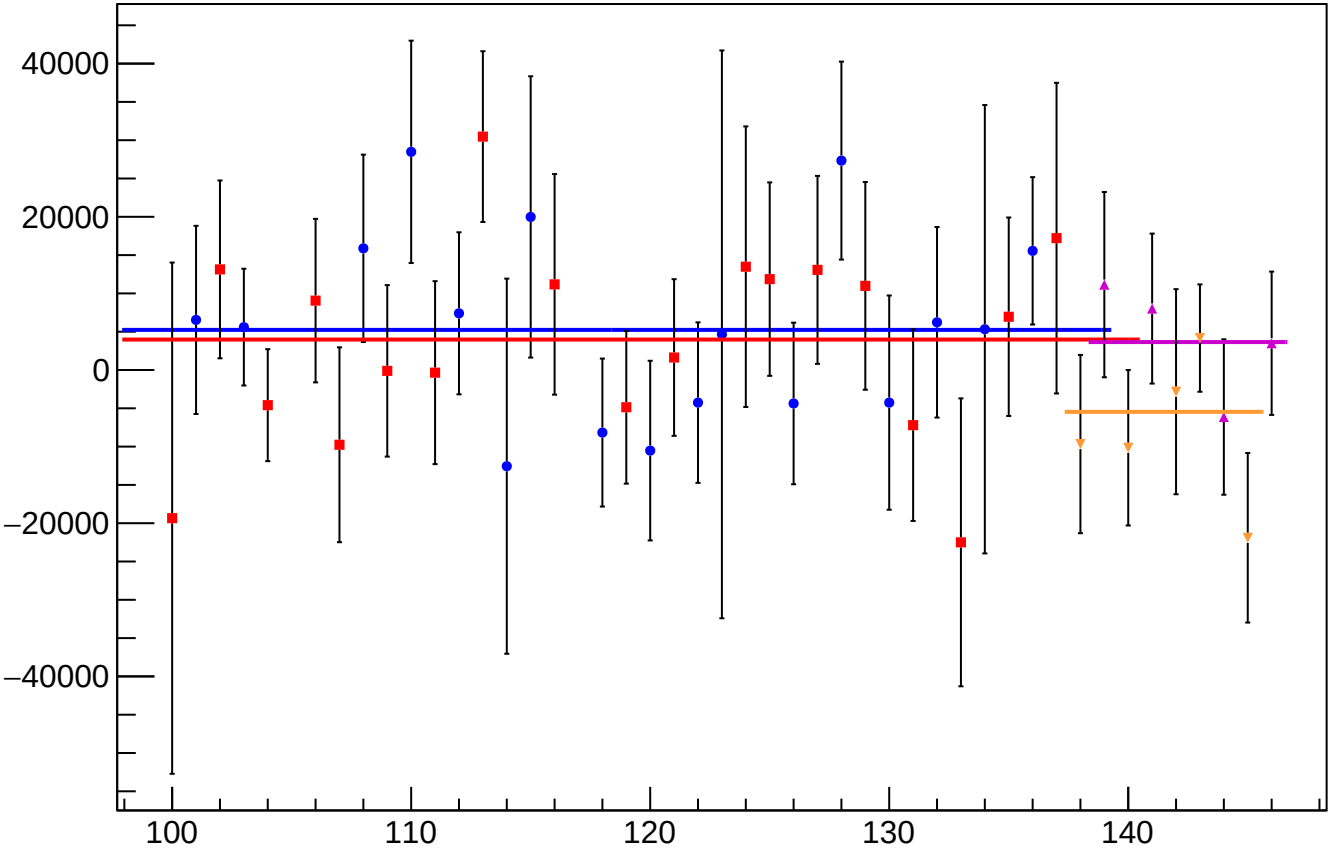
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9164.593+/-3.583 χ^2/NDF:48493.8/3

Out: 6525.875+/-2.705 χ^2/NDF:842737.9/4

All: 7483.978+/-2.159 χ^2/NDF: 1236680.9/8

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -5461.438+/-4418.802 χ^2/NDF:4.5/4

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

Left In: 3647.857+/-5102.399 χ^2/NDF:1.5/3

Left: -1557.460+/-3340.302 χ^2/NDF: 7.8/8

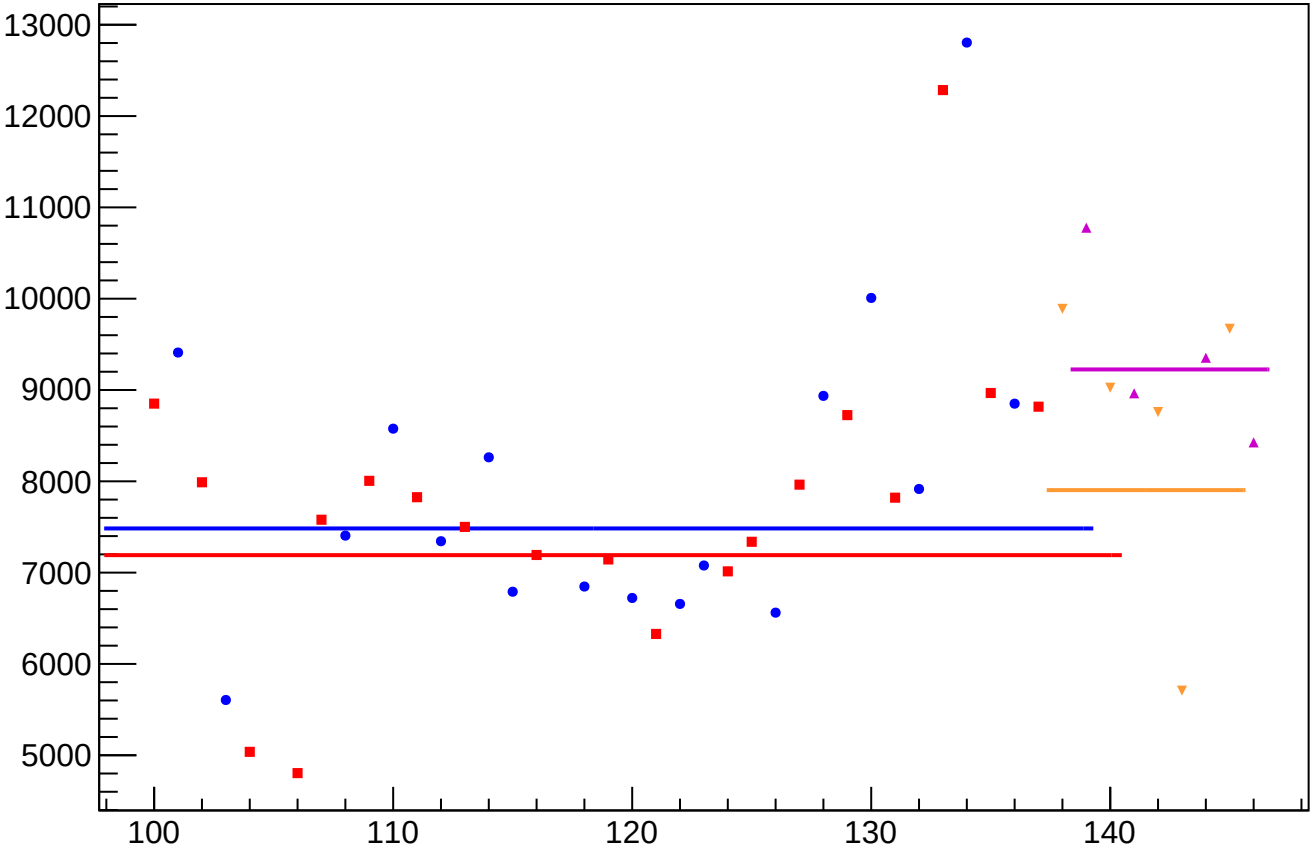
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 4840.820+/-2551.390 χ^2/NDF:16.1/20

Out: 1285.525+/-2359.367 χ^2/NDF:23.4/23

All: 2924.364+/-1732.236 χ^2/NDF: 40.5/44

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7903.458+/-3.125 χ^2/NDF:338357.1/4

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

Left In: 9225.201+/-3.608 χ^2/NDF:49268.1/3

Left: 8469.918+/-2.362 χ^2/NDF: 464314.9/8

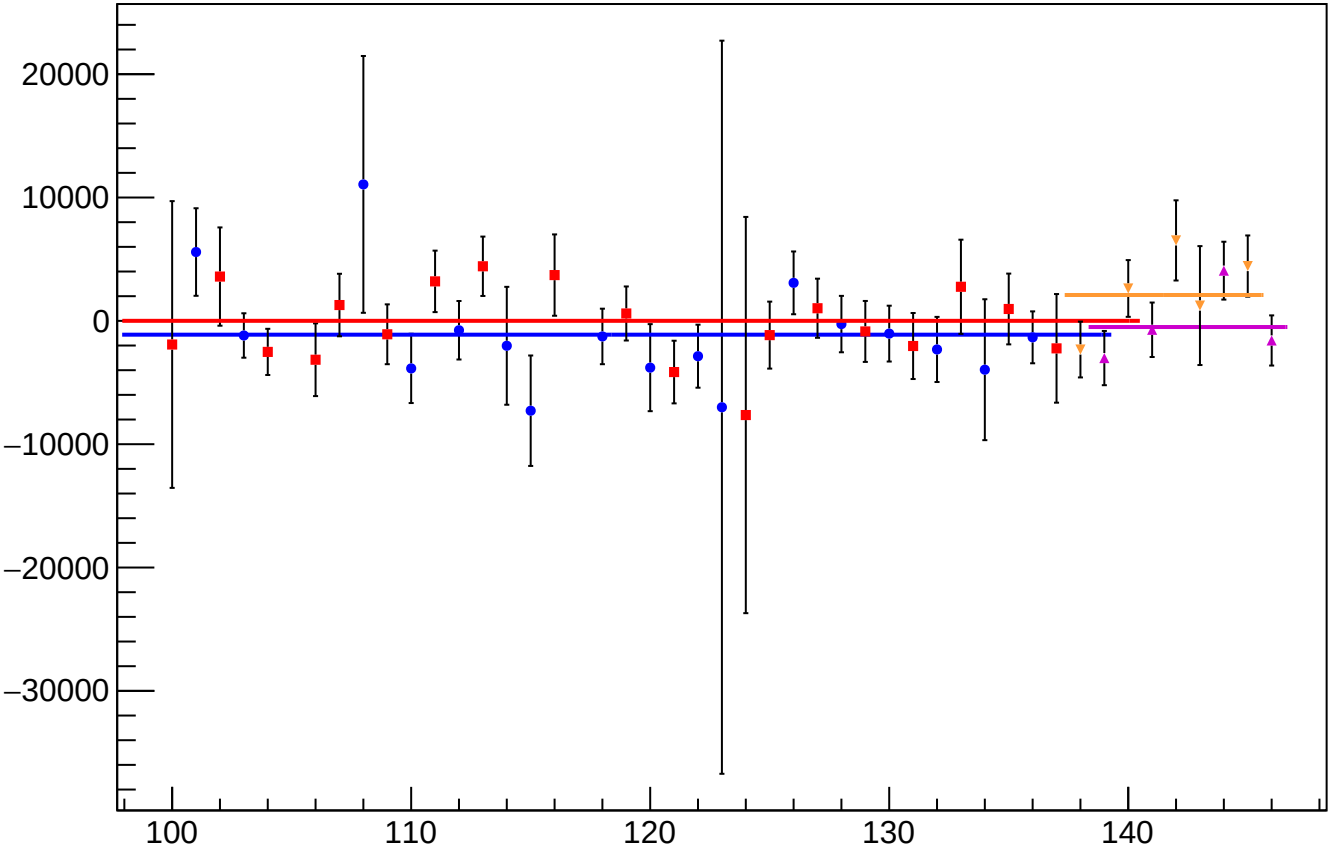
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 7919.187+/-1.804 χ^2/NDF:655789.6/20

Out: 7394.400+/-1.668 χ^2/NDF:934235.7/23

All: 7636.286+/-1.225 χ^2/NDF: 1635640.8/44

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 2096.949+/-1208.835 χ^2/NDF:6.6/4

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

Left In: -499.552+/-1094.006 χ^2/NDF:5.4/3

Left: 669.548+/-811.145 χ^2/NDF: 14.6/8

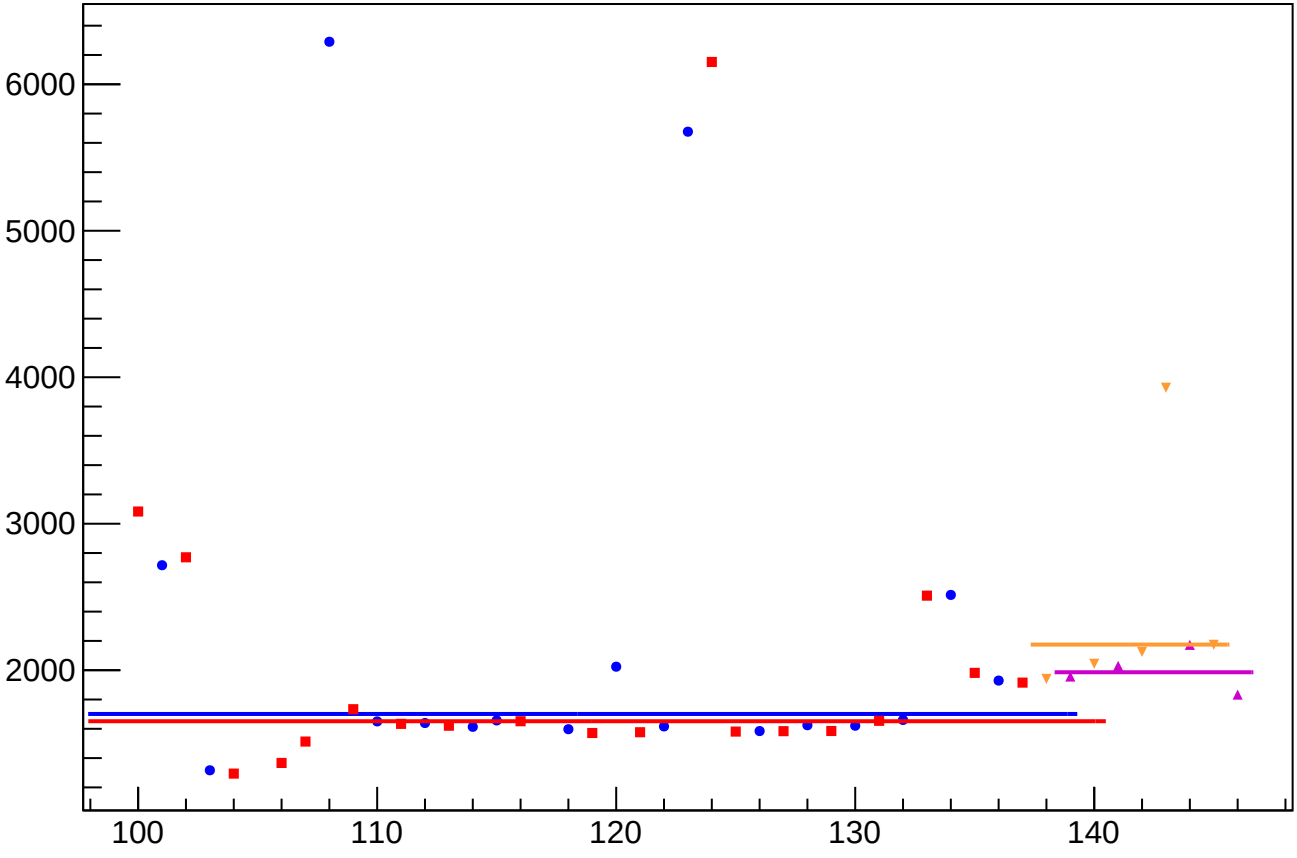
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -947.759+/-577.014 χ^2/NDF:17.9/20

Out: 460.698+/-565.396 χ^2/NDF:24.5/23

All: -229.209+/-403.840 χ^2/NDF: 45.4/44

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2174.956+/-0.855 χ^2/NDF:293006.3/4

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

Left In: 1986.039+/-0.774 χ^2/NDF:25087.3/3

Left: 2071.101+/-0.574 χ^2/NDF: 344946.7/8

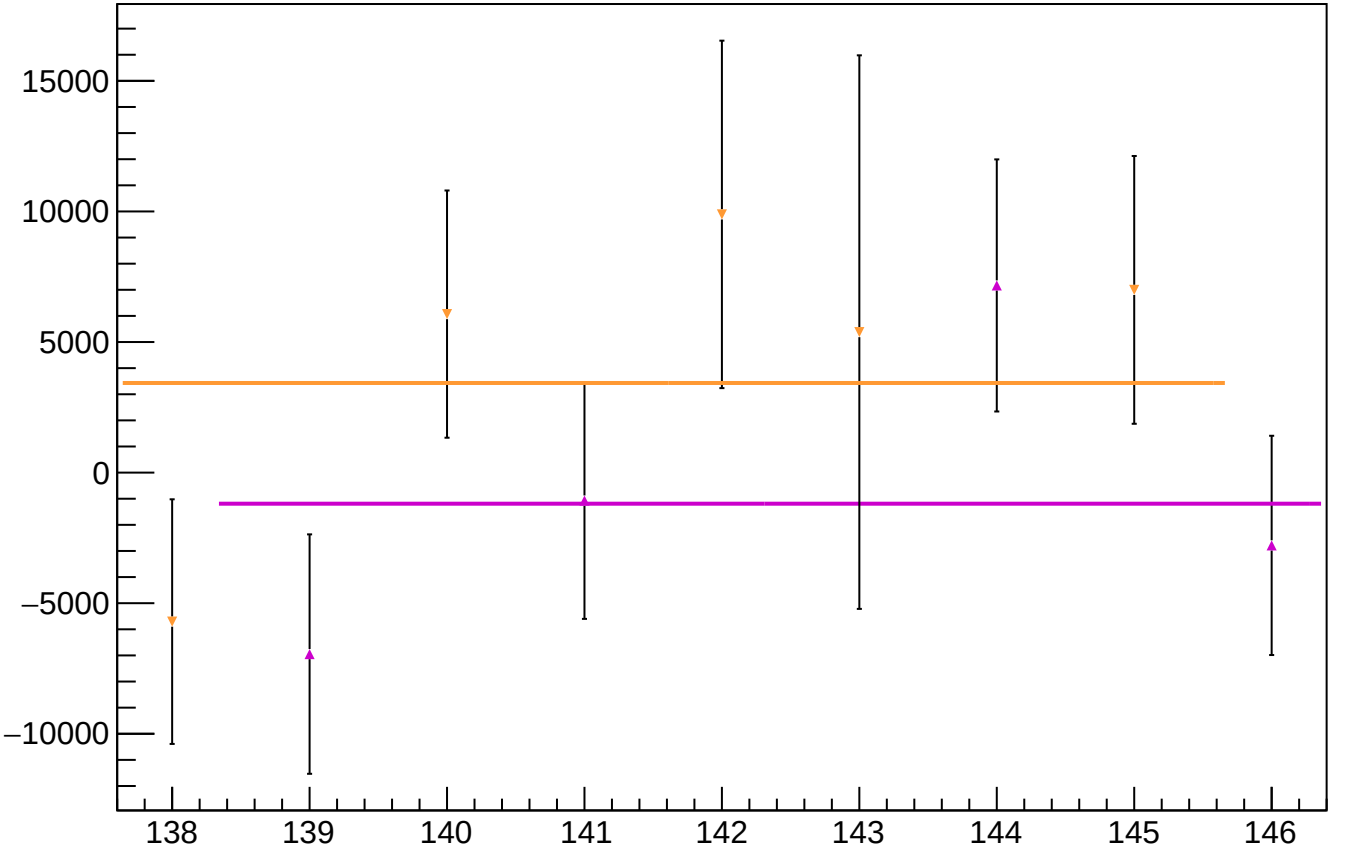
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1780.497+/-0.408 χ^2/NDF:901611.7/20

Out: 1766.195+/-0.400 χ^2/NDF:1174567.6/23

All: 1773.201+/-0.286 χ^2/NDF: 2076806.1/44

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 3431.980+/-2501.778 χ^2/NDF:5.6/4

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

Left In: -1190.436+/-2258.980 χ^2/NDF:4.7/3

Left: 885.640+/-1676.625 χ^2/NDF: 12.2/8

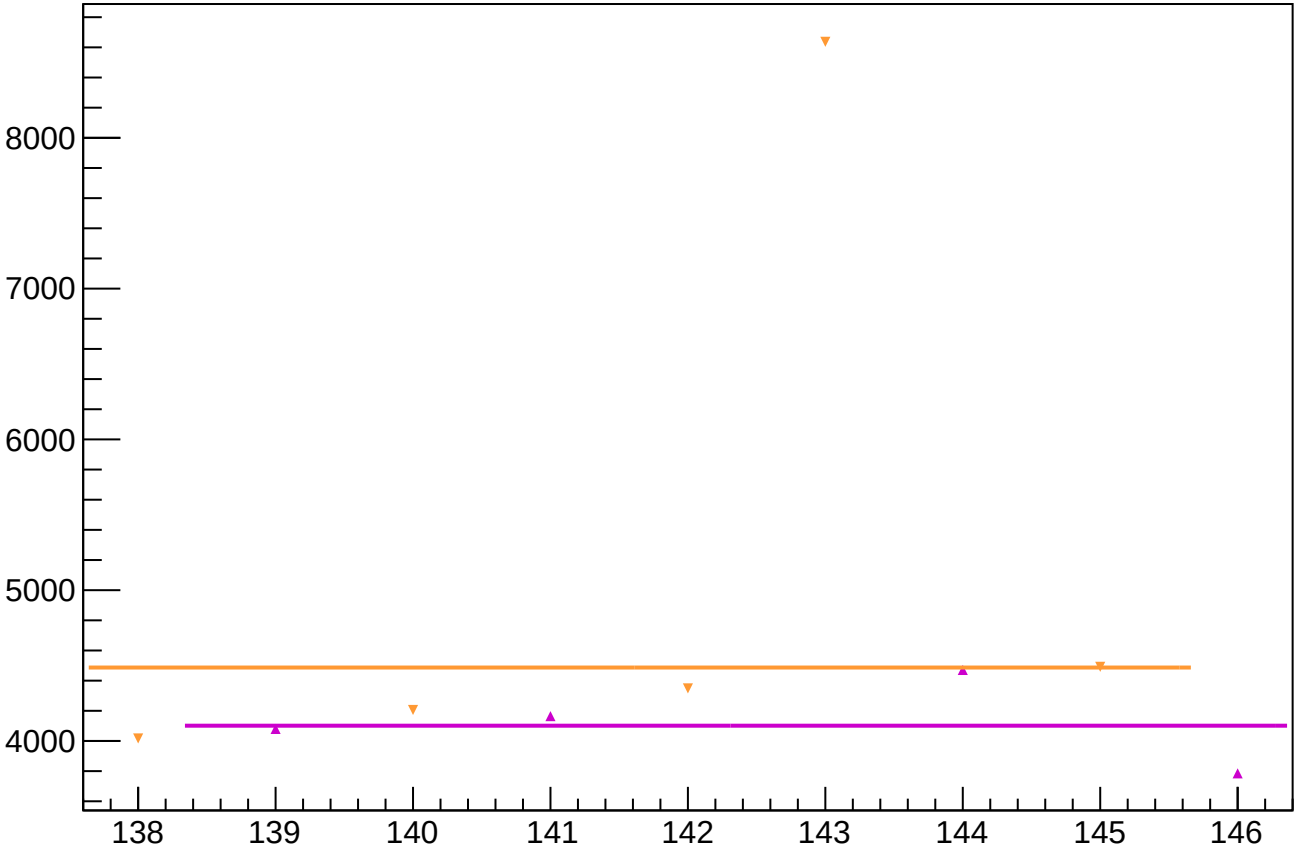
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1190.436+/-2258.980 χ^2/NDF:4.7/3

Out: 3431.980+/-2501.778 χ^2/NDF:5.6/4

All: 885.640+/-1676.625 χ^2/NDF: 12.2/8

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4487.028+/-1.769 χ^2/NDF:334756.7/4

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

Left In: 4101.283+/-1.597 χ^2/NDF:23507.4/3

Left: 4274.533+/-1.186 χ^2/NDF: 384456.8/8

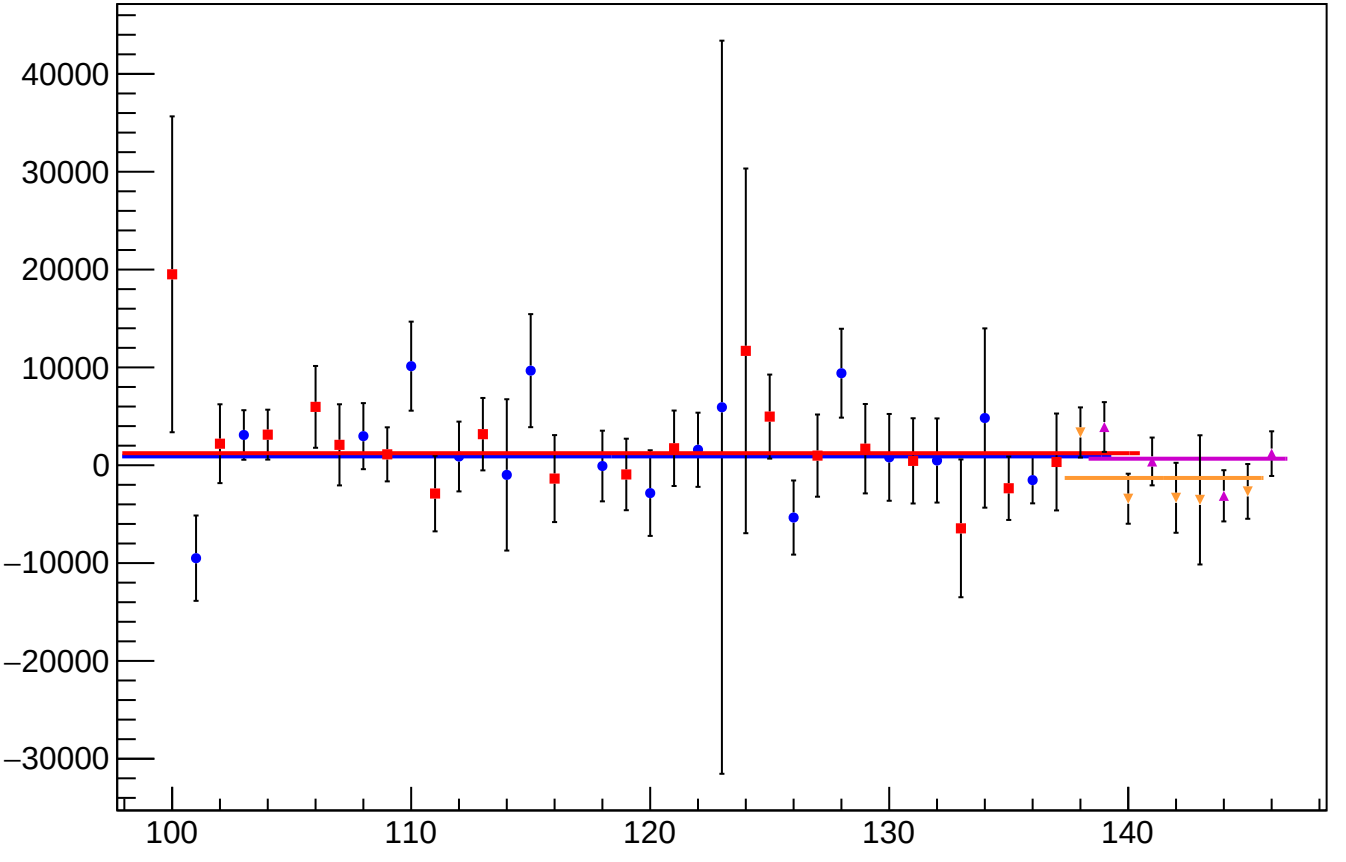
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4101.283+/-1.597 χ^2/NDF:23507.4/3

Out: 4487.028+/-1.769 χ^2/NDF:334756.7/4

All: 4274.533+/-1.186 χ^2/NDF: 384456.8/8

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1299.499+/-1367.804 χ^2/NDF:4.7/4

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

Left In: 668.181+/-1230.837 χ^2/NDF:3.8/3

Left: -212.236+/-914.936 χ^2/NDF: 9.6/8

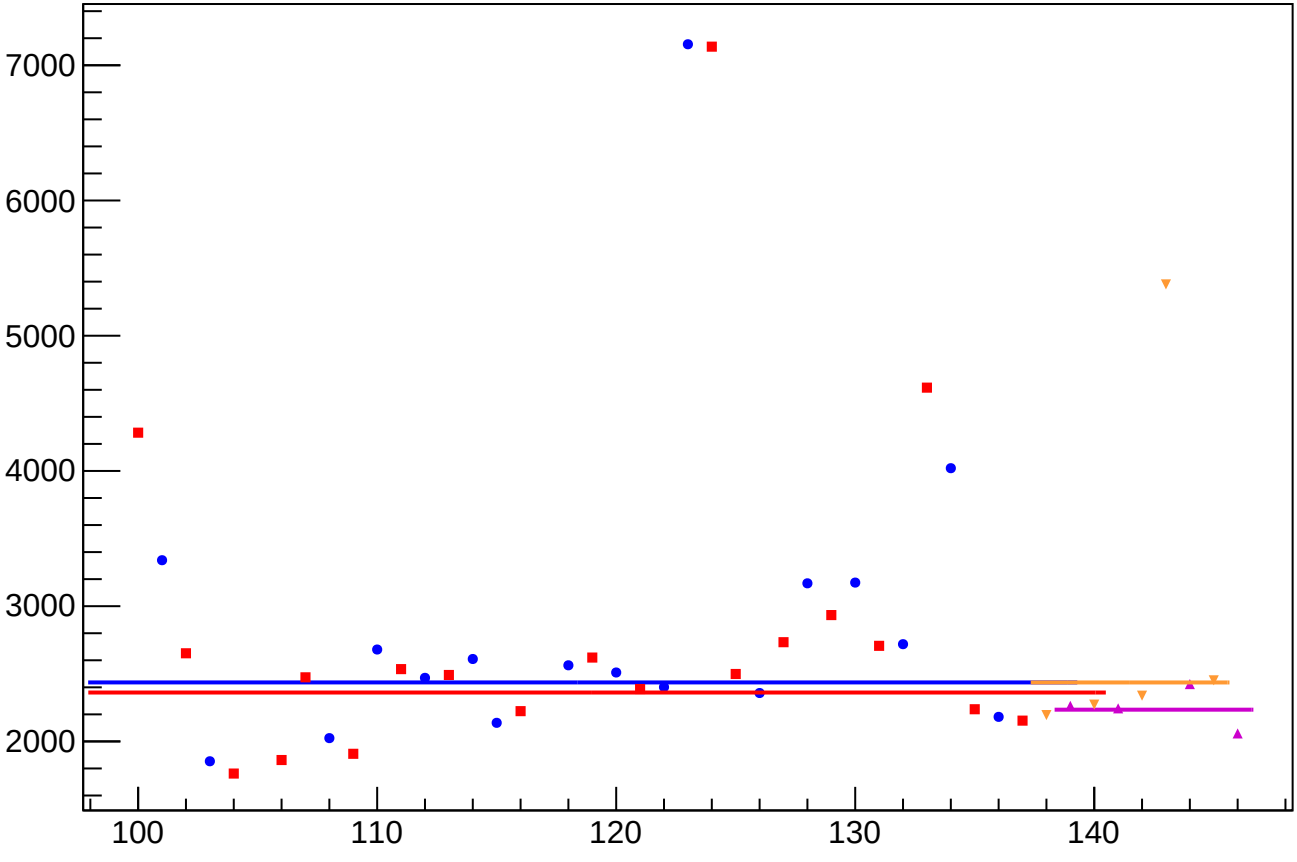
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 814.132+/-757.917 χ^2/NDF:25.4/20

Out: 436.862+/-766.251 χ^2/NDF:15.9/23

All: 627.560+/-538.851 χ^2/NDF: 41.5/44

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2435.968+/-0.967 χ^2/NDF:424904.7/4

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

Left In: 2234.695+/-0.870 χ^2/NDF:22579.8/3

Left: 2324.752+/-0.647 χ^2/NDF: 471414.2/8

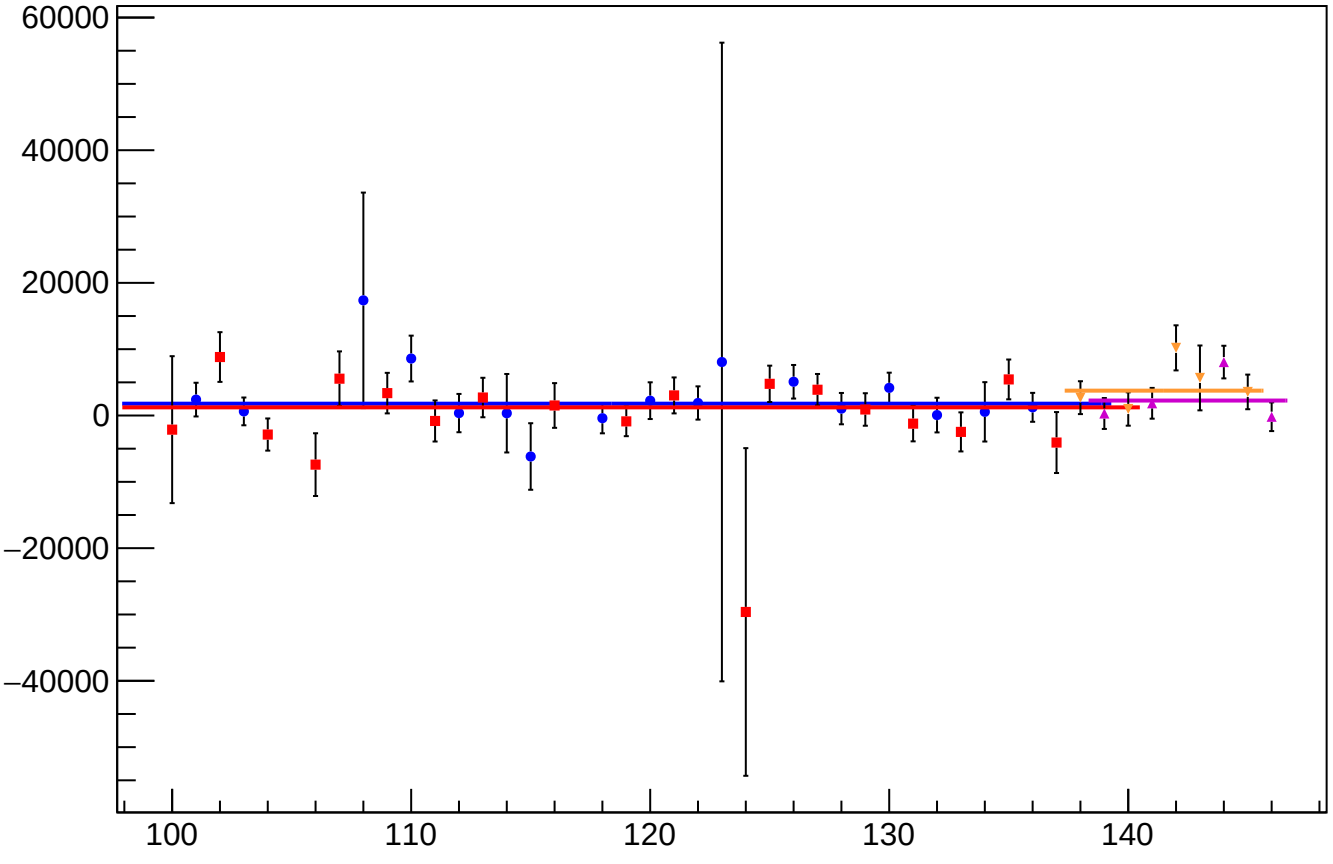
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2359.829+/-0.536 χ^2/NDF:524429.8/20

Out: 2384.910+/-0.542 χ^2/NDF:1084812.0/23

All: 2372.232+/-0.381 χ^2/NDF: 1610324.9/44

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 3749.425+/-1294.900 χ^2/NDF:5.2/4

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

Left In: 2256.834+/-1155.232 χ^2/NDF:7.6/3

Left: 2918.321+/-862.038 χ^2/NDF: 13.5/8

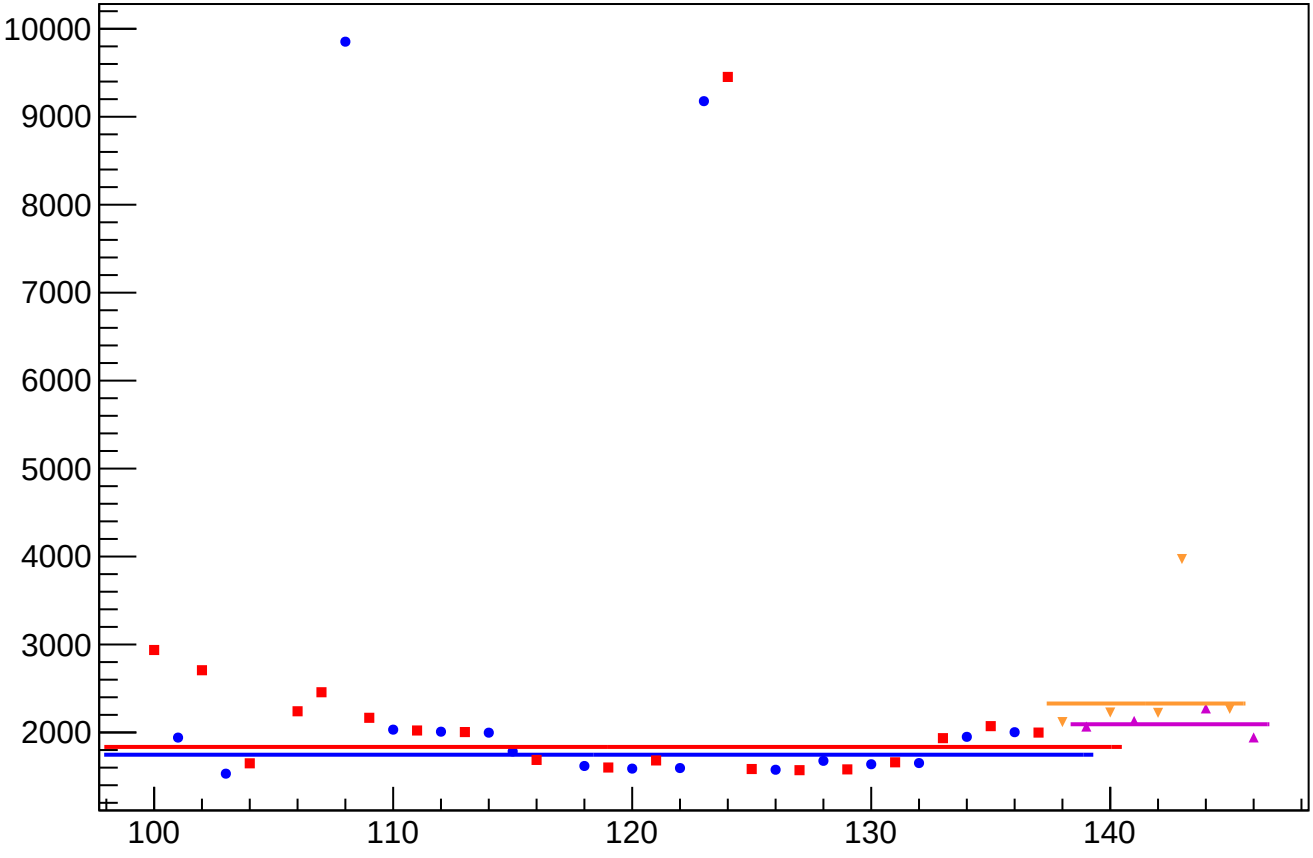
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 1909.134+/-595.159 χ^2/NDF:20.1/20

Out: 1809.472+/-621.306 χ^2/NDF:32.3/23

All: 1861.444+/-429.787 χ^2/NDF: 52.4/44

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2328.991+/-0.916 χ^2/NDF:246633.0/4

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

Left In: 2093.242+/-0.817 χ^2/NDF:21139.2/3

Left: 2197.721+/-0.610 χ^2/NDF: 304684.7/8

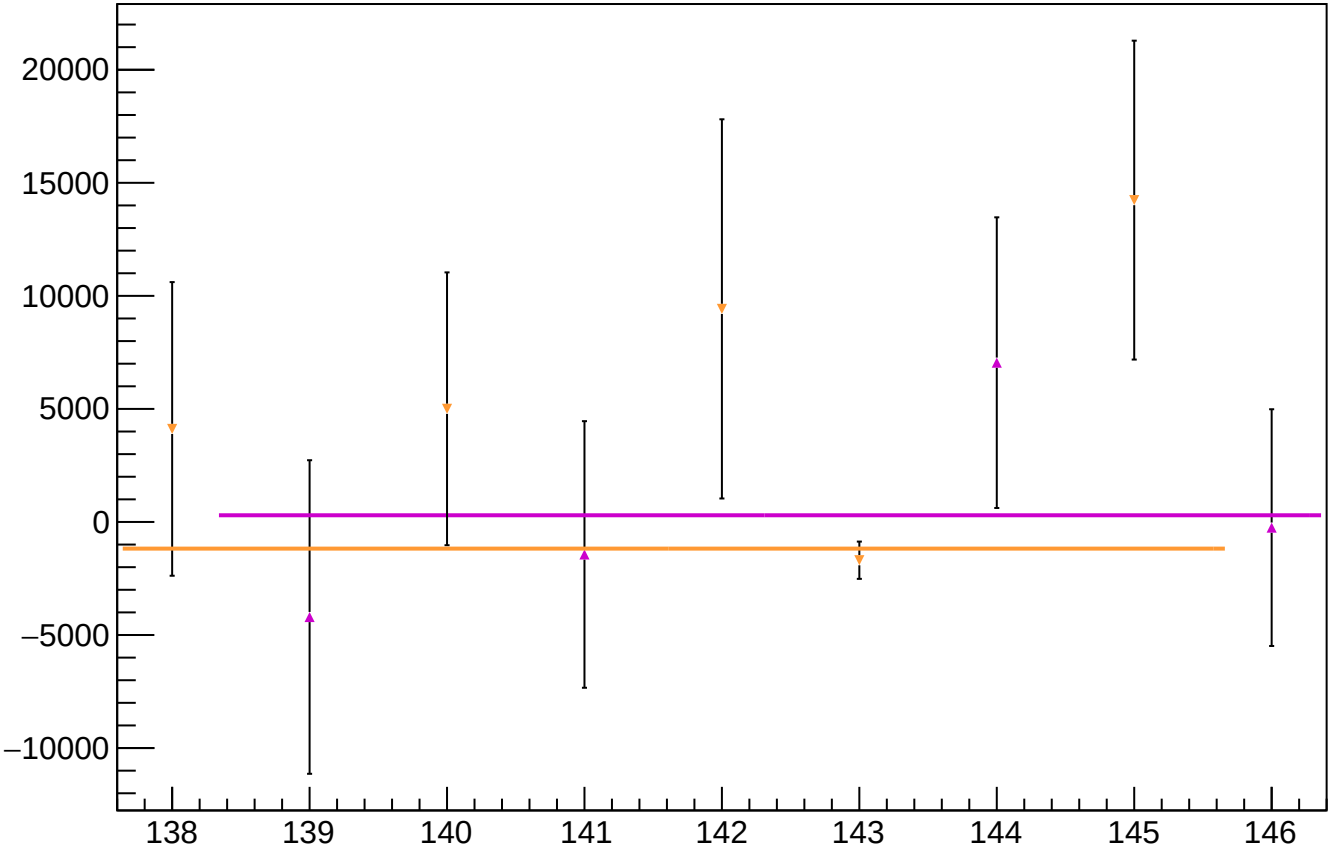
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1838.778+/-0.421 χ^2/NDF:835723.6/20

Out: 1948.834+/-0.439 χ^2/NDF:1020844.1/23

All: 1891.492+/-0.304 χ^2/NDF: 1889325.1/44

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1178.742+/-801.362 χ^2/NDF:8.5/4

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

Left In: 295.854+/-3011.724 χ^2/NDF:1.6/3

Left: -1081.244+/-774.416 χ^2/NDF: 10.3/8

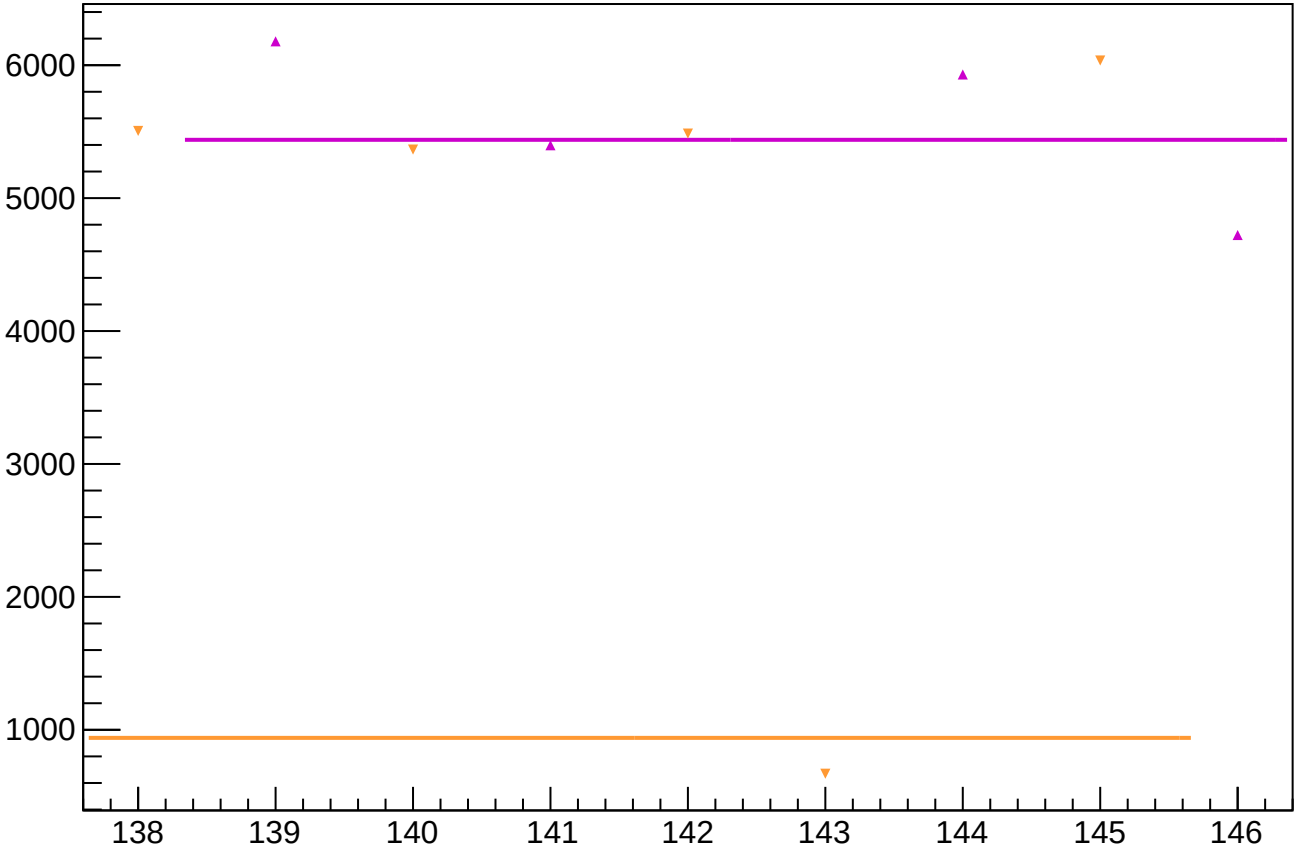
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 295.854+/-3011.724 χ^2/NDF:1.6/3

Out: -1178.742+/-801.362 χ^2/NDF:8.5/4

All: -1081.244+/-774.416 χ^2/NDF: 10.3/8

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 939.446+/-0.567 χ^2/NDF:3911021.5/4

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

Left In: 5438.605+/-2.130 χ^2/NDF:72044.6/3

Left: 1236.920+/-0.548 χ^2/NDF: 8151322.8/8

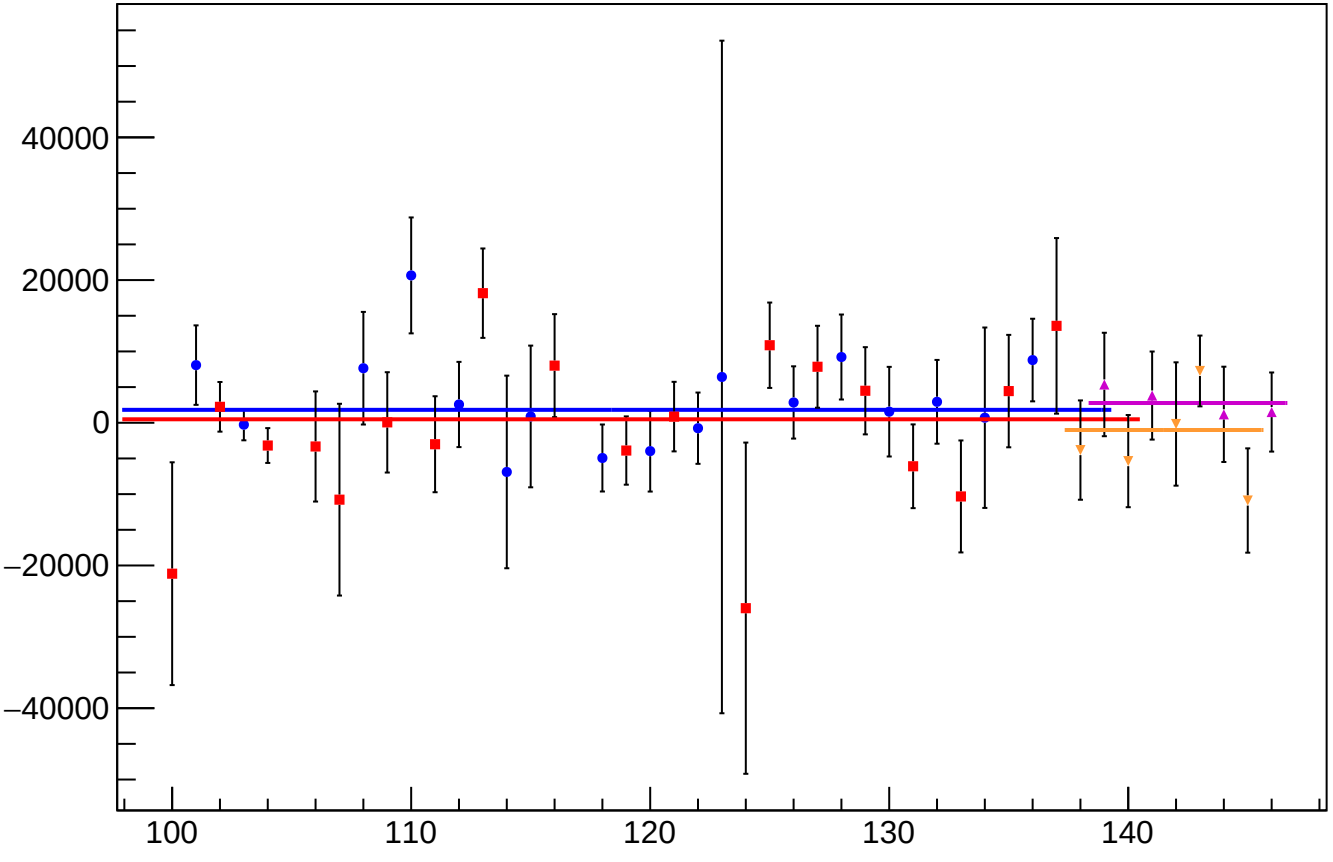
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5438.605+/-2.130 χ^2/NDF:72044.6/3

Out: 939.446+/-0.567 χ^2/NDF:3911021.5/4

All: 1236.920+/-0.548 χ^2/NDF: 8151322.8/8

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -1011.840+/-2919.228 χ^2/NDF:5.2/4

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

Left In: 2771.479+/-3158.281 χ^2/NDF:0.3/3

Left: 731.236+/-2143.742 χ^2/NDF: 6.3/8

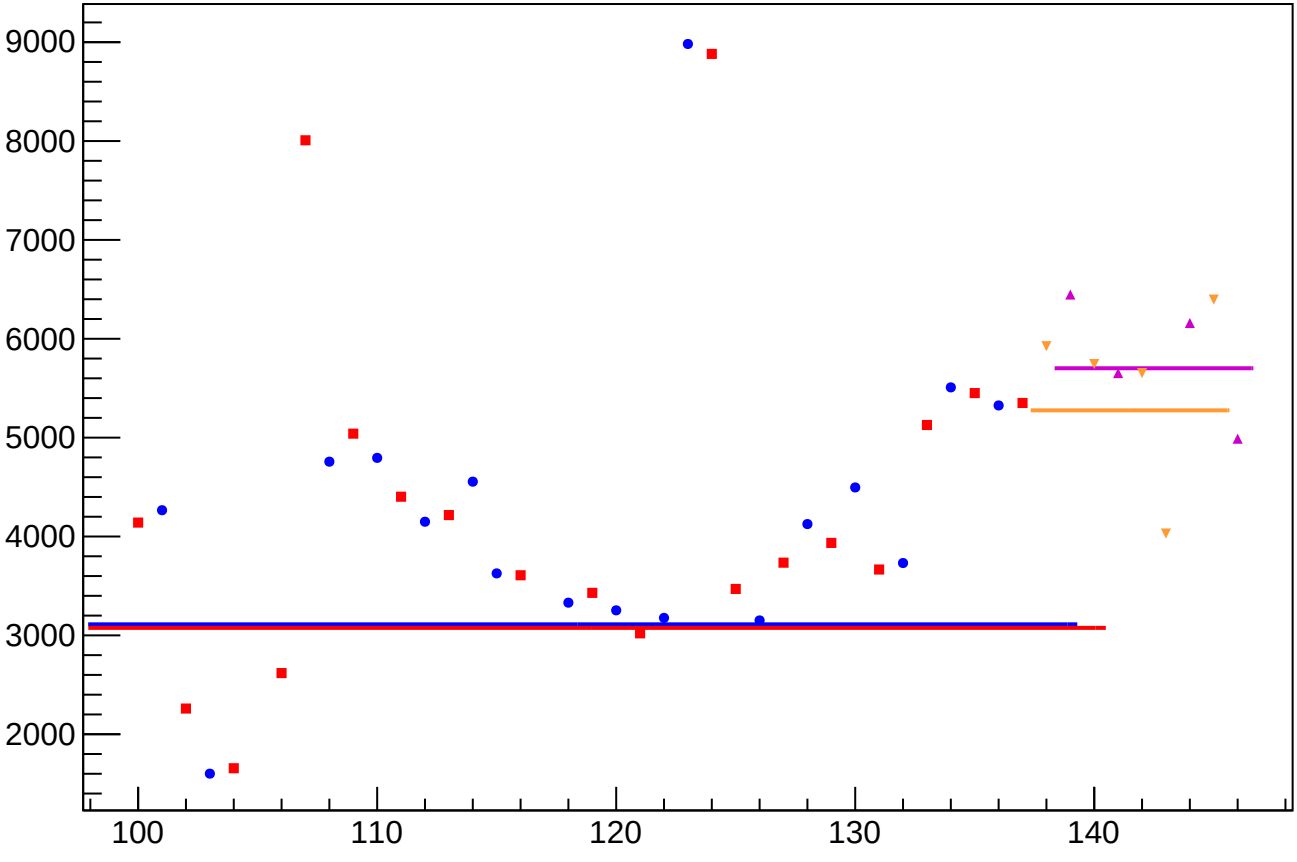
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 1953.189+/-1203.182 χ^2/NDF:15.3/20

Out: 244.518+/-1176.922 χ^2/NDF:31.9/23

All: 1080.004+/-841.340 χ^2/NDF: 48.3/44

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5275.996+/-2.064 χ^2/NDF:204869.2/4

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

Left In: 5701.801+/-2.233 χ^2/NDF:63722.3/3

Left: 5472.176+/-1.516 χ^2/NDF: 288196.1/8

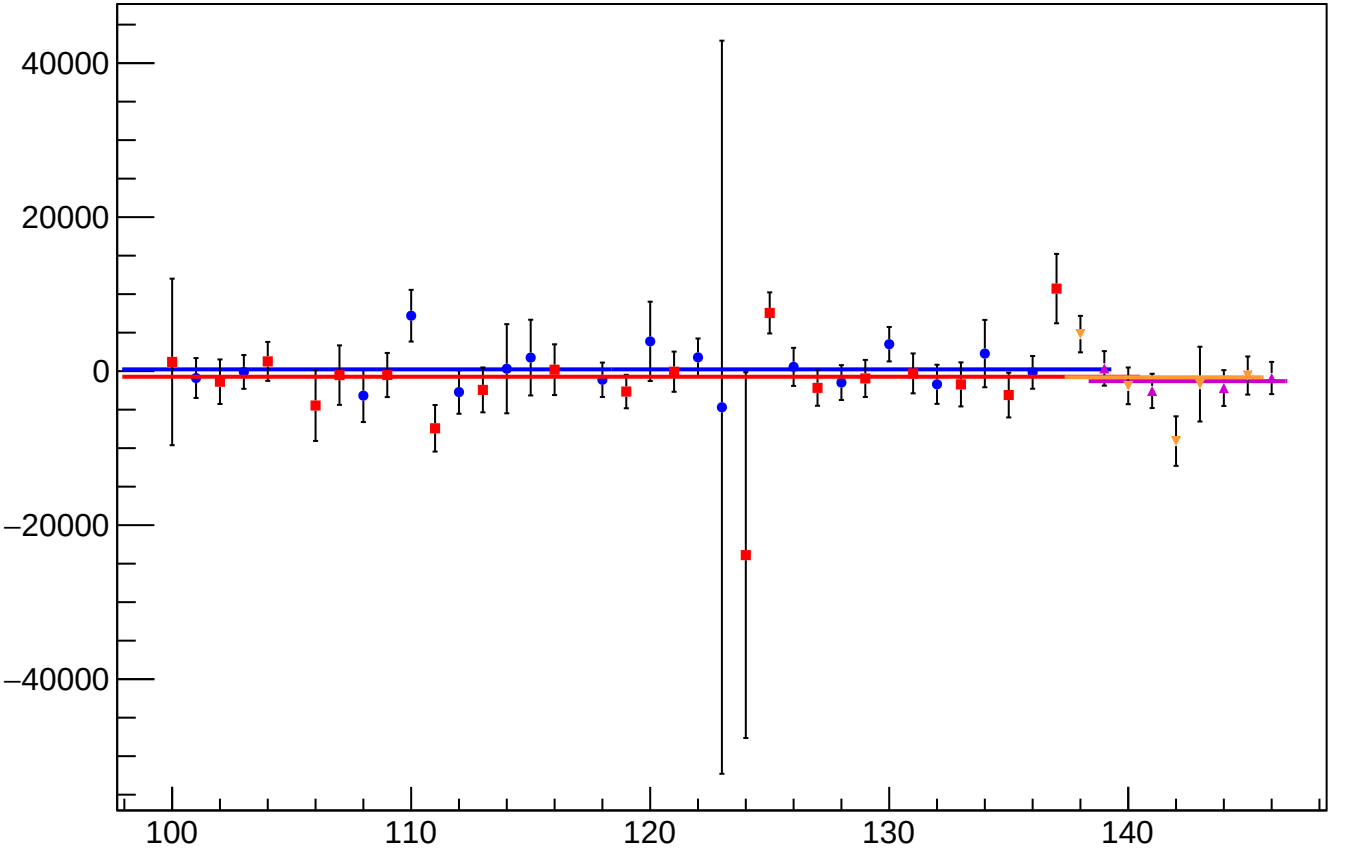
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 3487.481+/-0.851 χ^2/NDF:3092743.2/20

Out: 3424.772+/-0.822 χ^2/NDF:3170330.0/23

All: 3455.052+/-0.591 χ^2/NDF: 6265882.8/44

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -794.591+/-1234.754 χ^2/NDF:12.5/4

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

Left In: -1296.512+/-1108.271 χ^2/NDF:1.1/3

Left: -1072.568+/-824.770 χ^2/NDF: 13.6/8

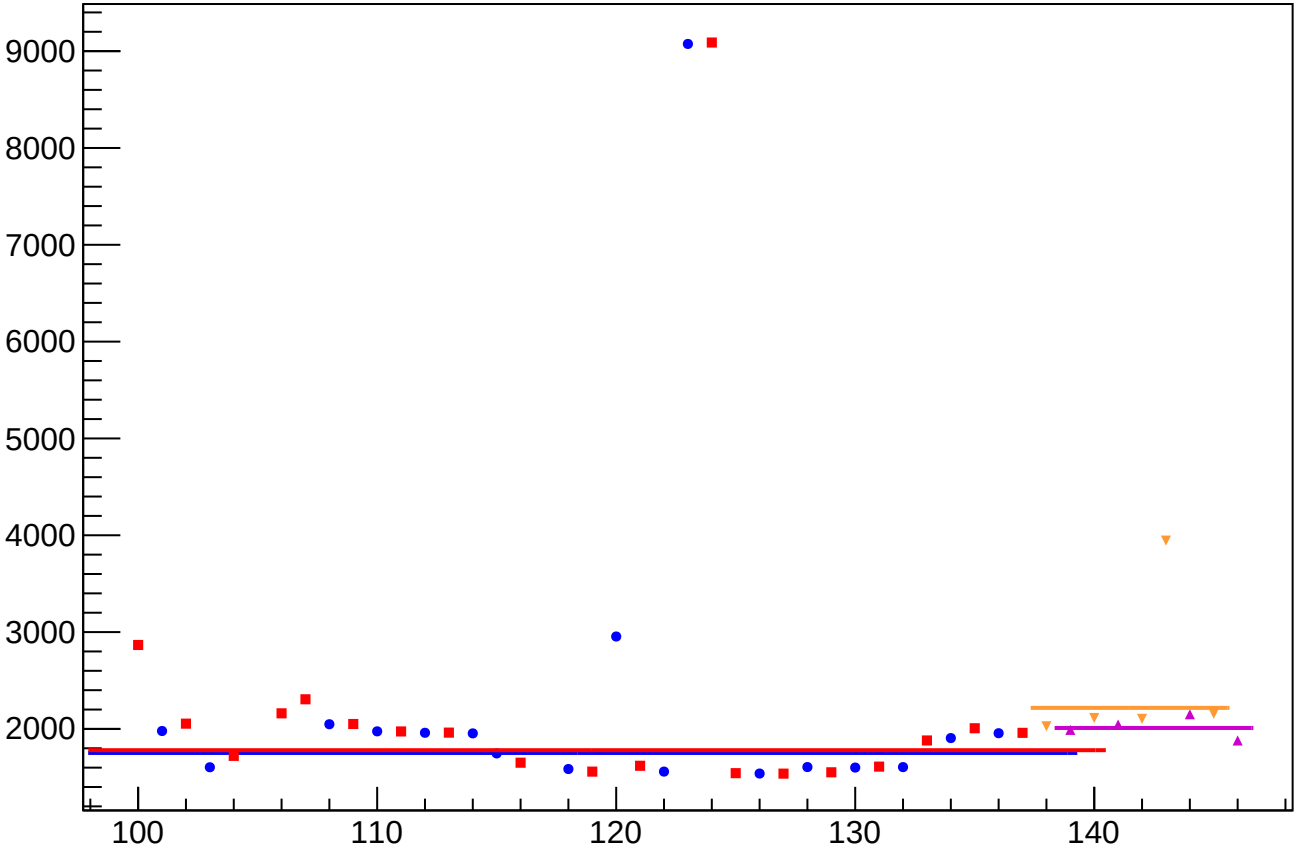
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -191.876+/-583.782 χ^2/NDF:14.0/20

Out: -742.241+/-598.446 χ^2/NDF:38.3/23

All: -460.233+/-417.884 χ^2/NDF: 52.7/44

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2217.437+/-0.873 χ^2/NDF:273485.0/4

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

Left In: 2009.678+/-0.784 χ^2/NDF:15717.5/3

Left: 2102.375+/-0.583 χ^2/NDF: 320561.3/8

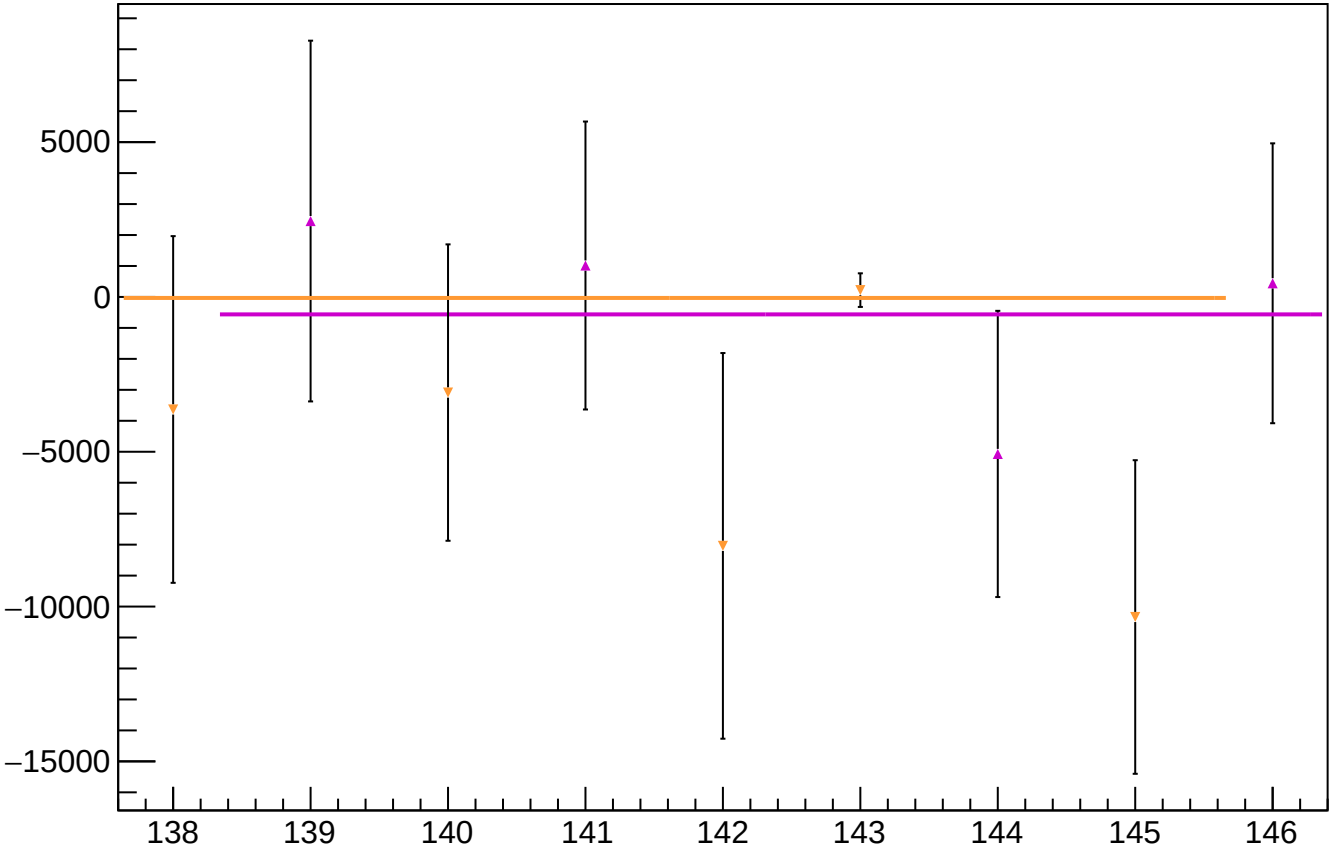
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1823.389+/-0.413 χ^2/NDF:394824.8/20

Out: 1882.666+/-0.423 χ^2/NDF:893822.7/23

All: 1852.328+/-0.295 χ^2/NDF: 1298714.8/44

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -32.139+/-532.033 χ^2/NDF:6.8/4

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

Left In: -563.211+/-2414.912 χ^2/NDF:1.4/3

Left: -56.722+/-519.573 χ^2/NDF: 8.3/8

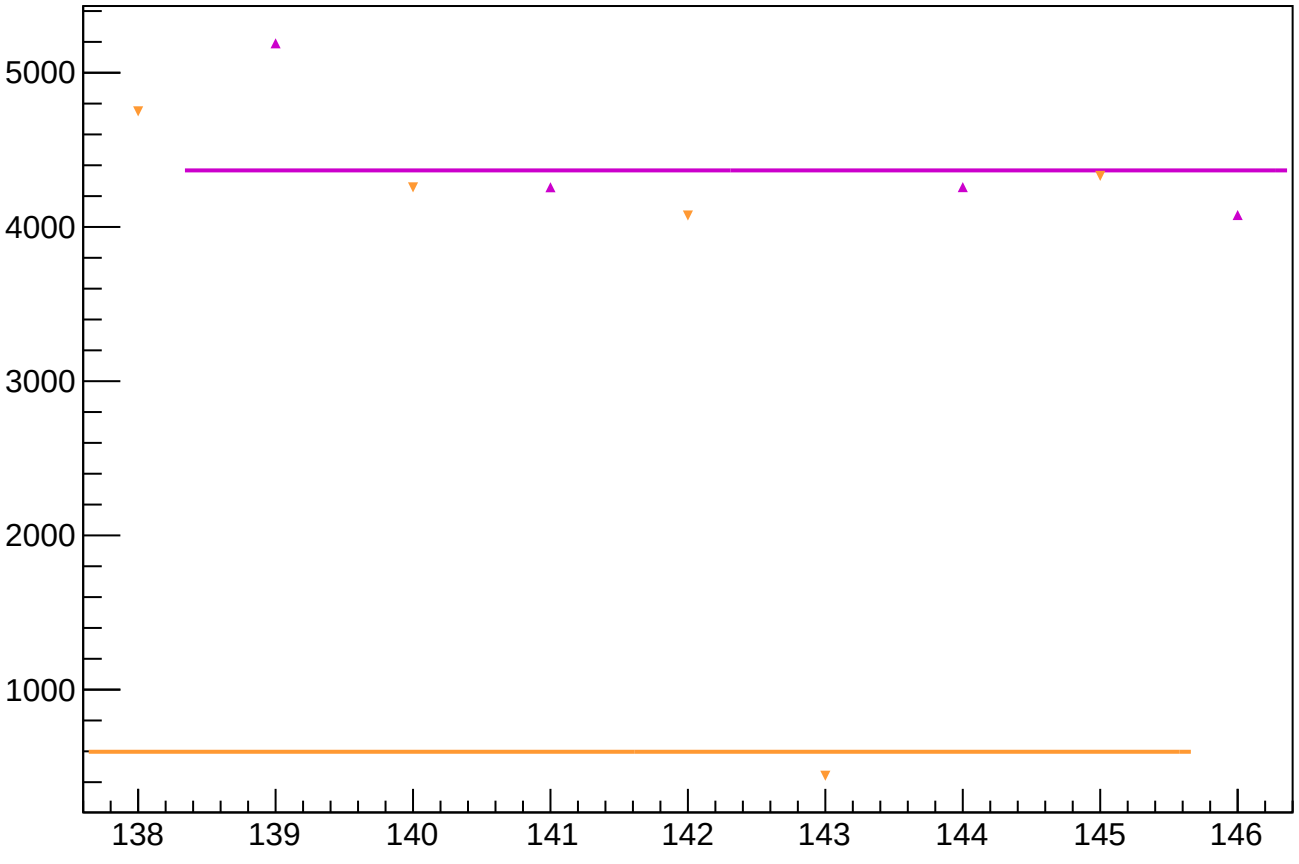
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -563.211+/-2414.912 χ^2/NDF:1.4/3

Out: -32.139+/-532.033 χ^2/NDF:6.8/4

All: -56.722+/-519.573 χ^2/NDF: 8.3/8

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 597.166+/-0.376 χ^2/NDF:4143737.3/4

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

Left In: 4366.777+/-1.708 χ^2/NDF:50413.2/3

Left: 771.662+/-0.367 χ^2/NDF: 8841835.7/8

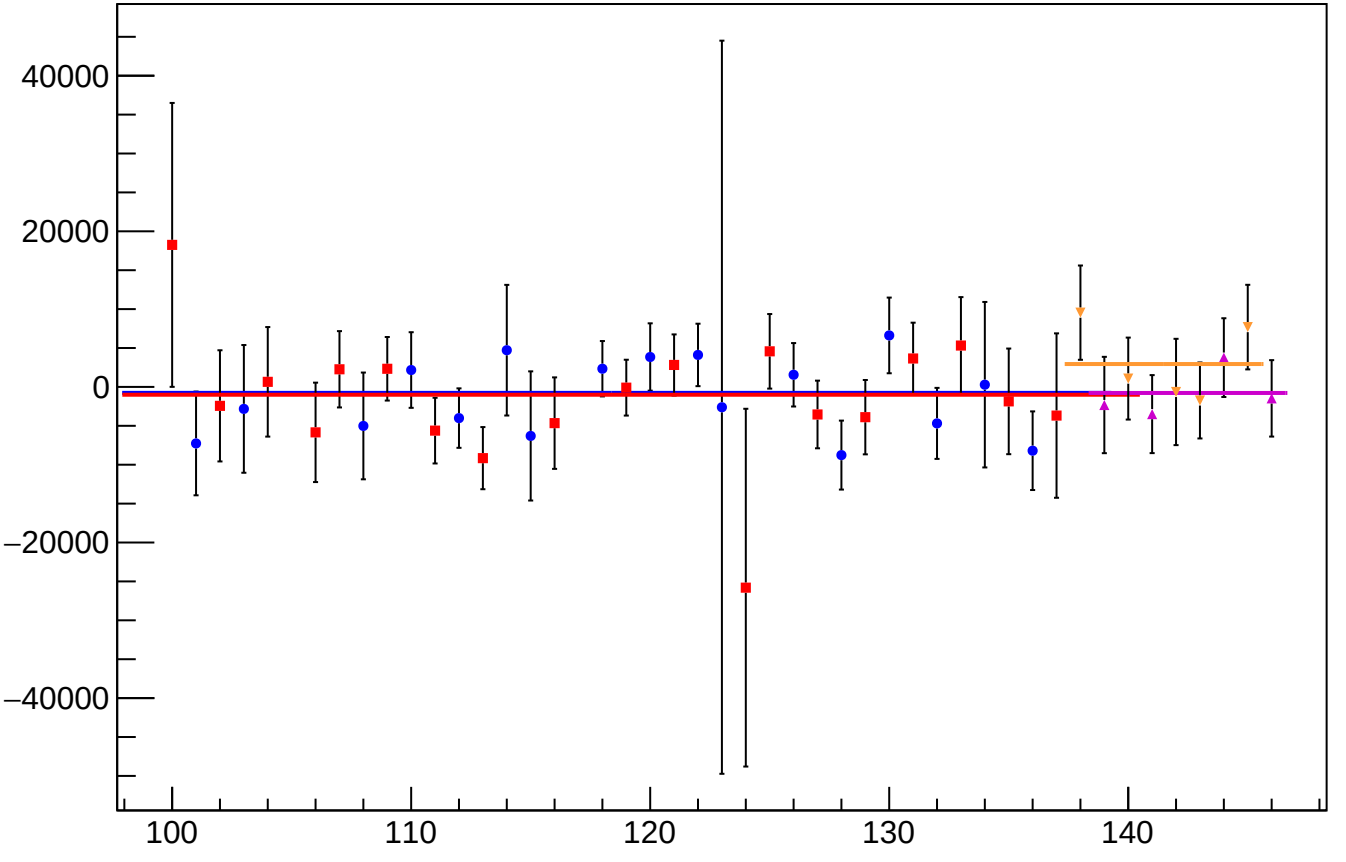
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4366.777+/-1.708 χ^2/NDF:50413.2/3

Out: 597.166+/-0.376 χ^2/NDF:4143737.3/4

All: 771.662+/-0.367 χ^2/NDF: 8841835.7/8

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 2940.329+/-2496.528 χ^2/NDF:3.3/4

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

Left In: -778.054+/-2614.087 χ^2/NDF:1.2/3

Left: 1166.626+/-1805.442 χ^2/NDF: 5.5/8

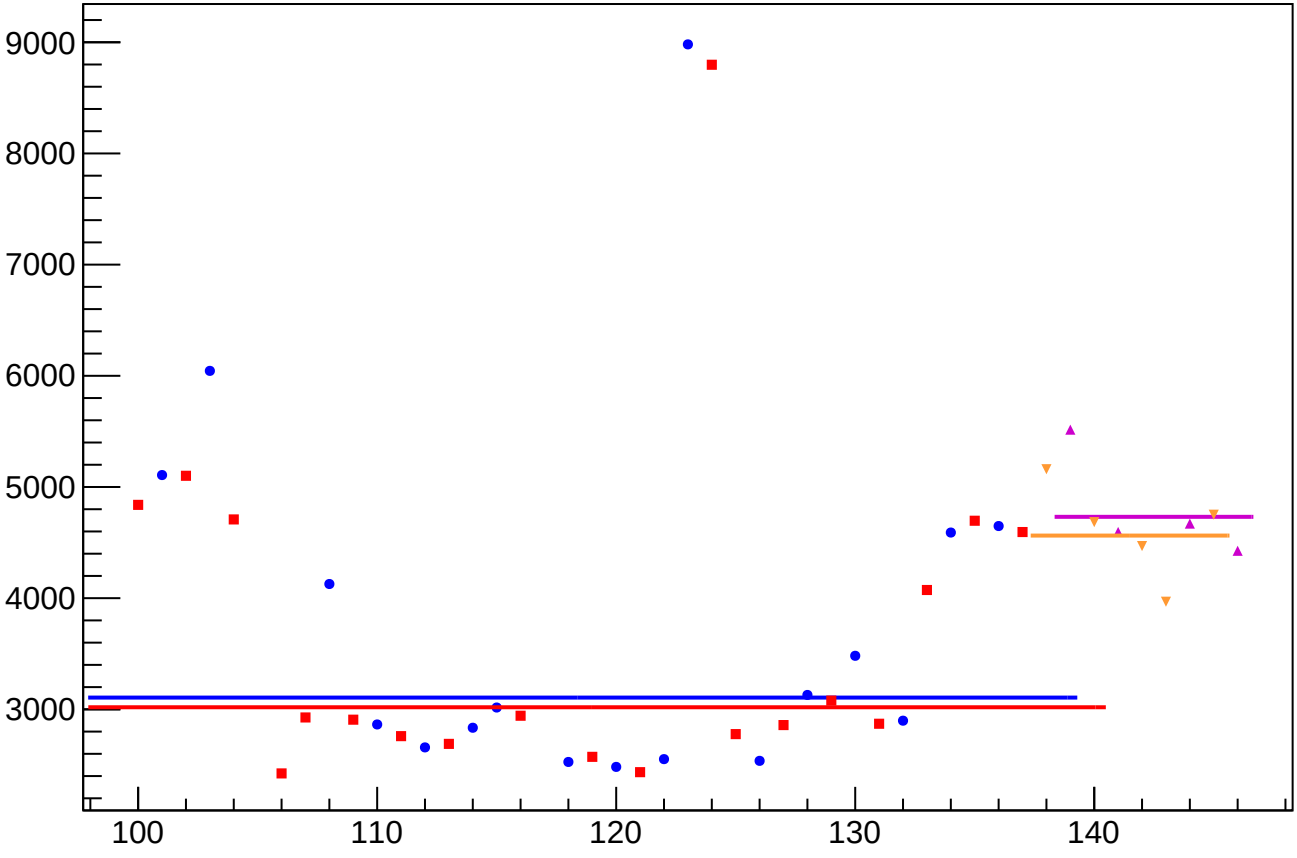
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -767.509+/-1126.017 χ^2/NDF:16.7/20

Out: -273.270+/-1075.028 χ^2/NDF:20.3/23

All: -508.946+/-777.561 χ^2/NDF: 37.1/44

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4563.026+/-1.765 χ^2/NDF:52883.0/4

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

Left In: 4731.637+/-1.848 χ^2/NDF:41567.3/3

Left: 4643.455+/-1.277 χ^2/NDF: 98801.9/8

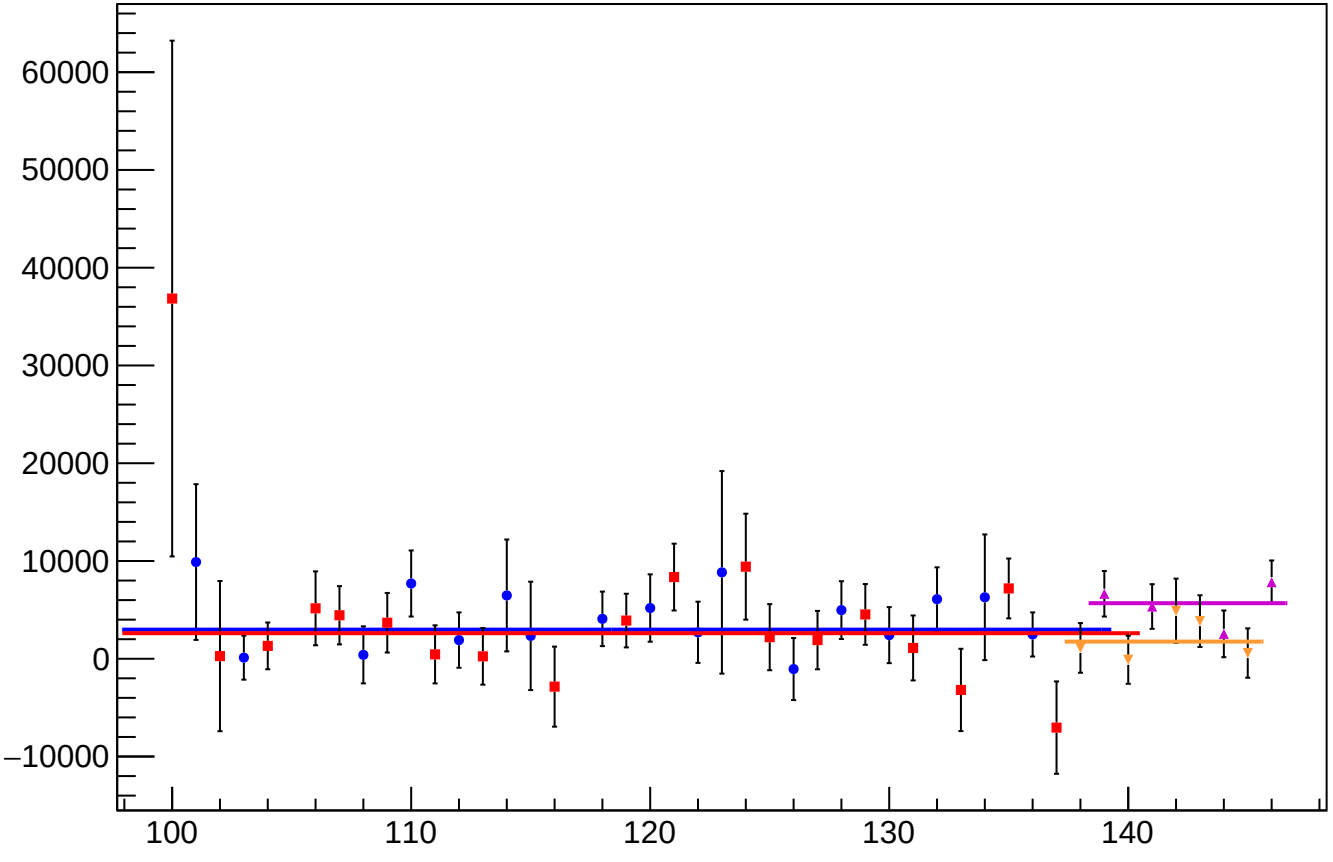
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3407.504+/-0.796 χ^2/NDF:1631458.6/20

Out: 3299.321+/-0.752 χ^2/NDF:1473366.5/23

All: 3350.356+/-0.547 χ^2/NDF: 3114577.3/44

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1754.422+/-1184.749 χ^2/NDF:2.4/4

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

Left In: 5683.219+/-1151.556 χ^2/NDF:2.9/3

Left: 3774.628+/-825.759 χ^2/NDF: 10.9/8

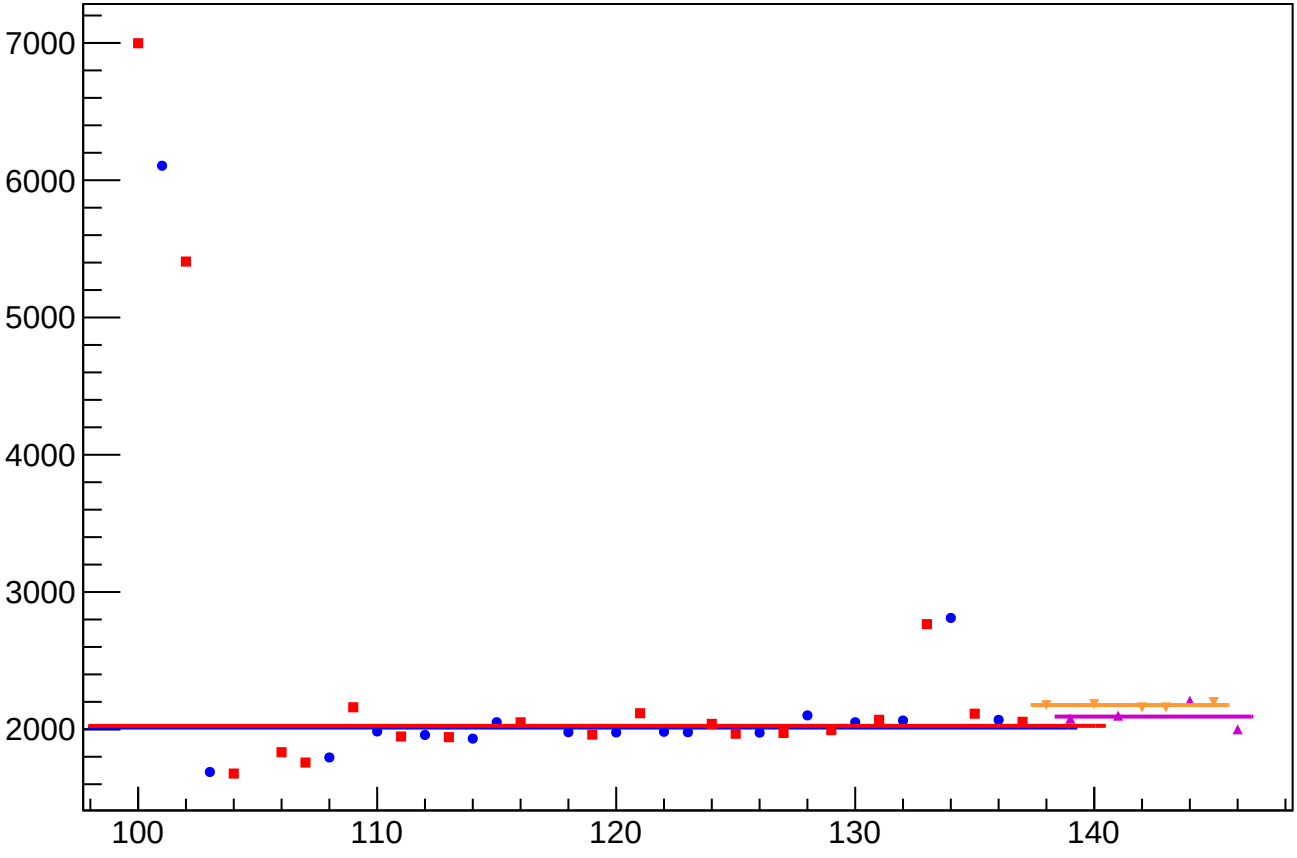
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3852.066+/-654.457 χ^2/NDF:16.5/20

Out: 2352.497+/-653.361 χ^2/NDF:22.4/23

All: 3101.025+/-462.383 χ^2/NDF: 41.4/44

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2176.879+/-0.838 χ^2/NDF:307.8/4

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

Left In: 2092.705+/-0.814 χ^2/NDF:8276.7/3

Left: 2133.596+/-0.584 χ^2/NDF: 13775.7/8

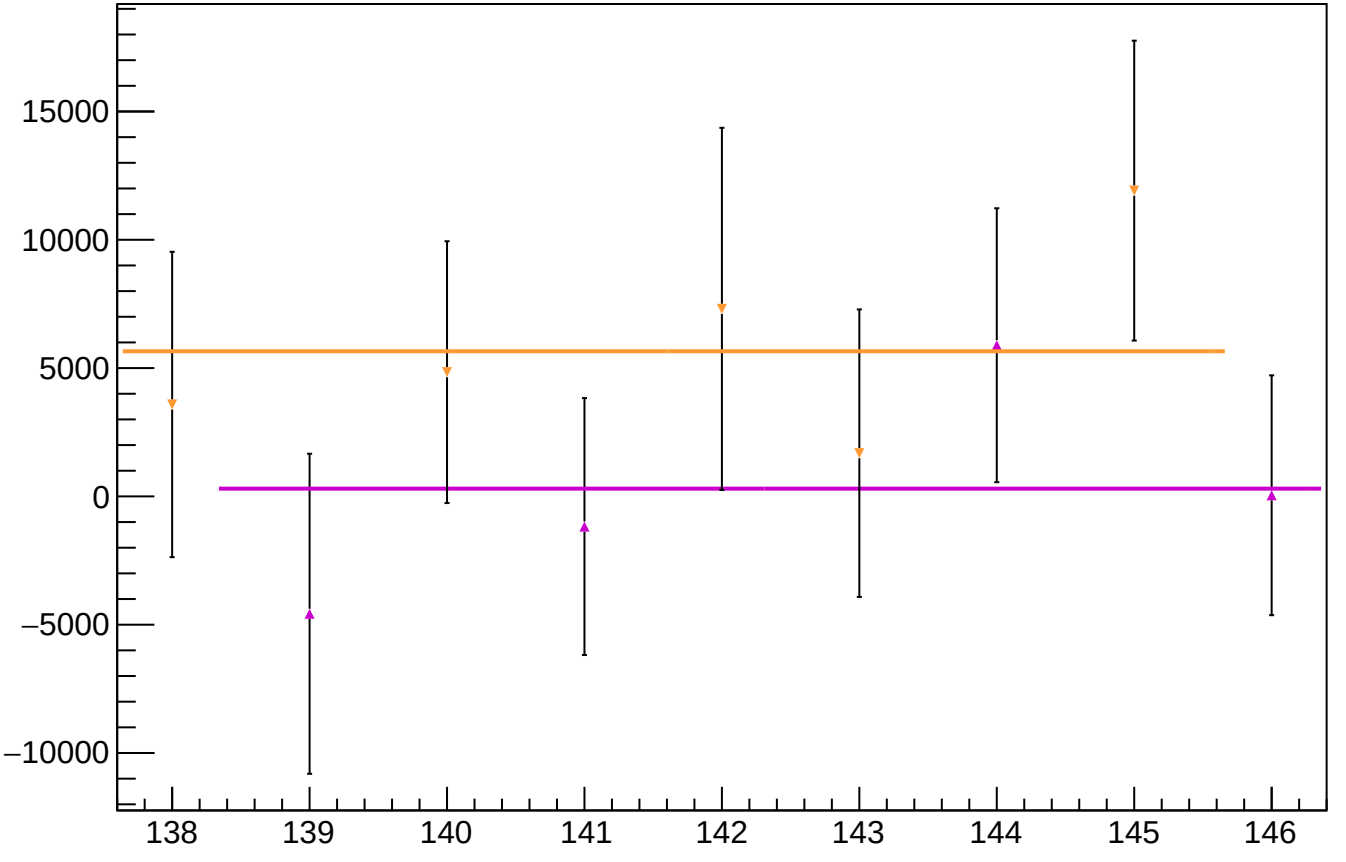
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2038.707+/-0.463 χ^2/NDF:632479.7/20

Out: 2071.218+/-0.462 χ^2/NDF:620585.9/23

All: 2054.993+/-0.327 χ^2/NDF: 1255538.0/44

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 5656.433+/-2600.269 χ^2/NDF:1.9/4

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

Left In: 302.272+/-2612.737 χ^2/NDF:1.8/3

Left: 2992.158+/-1843.060 χ^2/NDF: 5.8/8

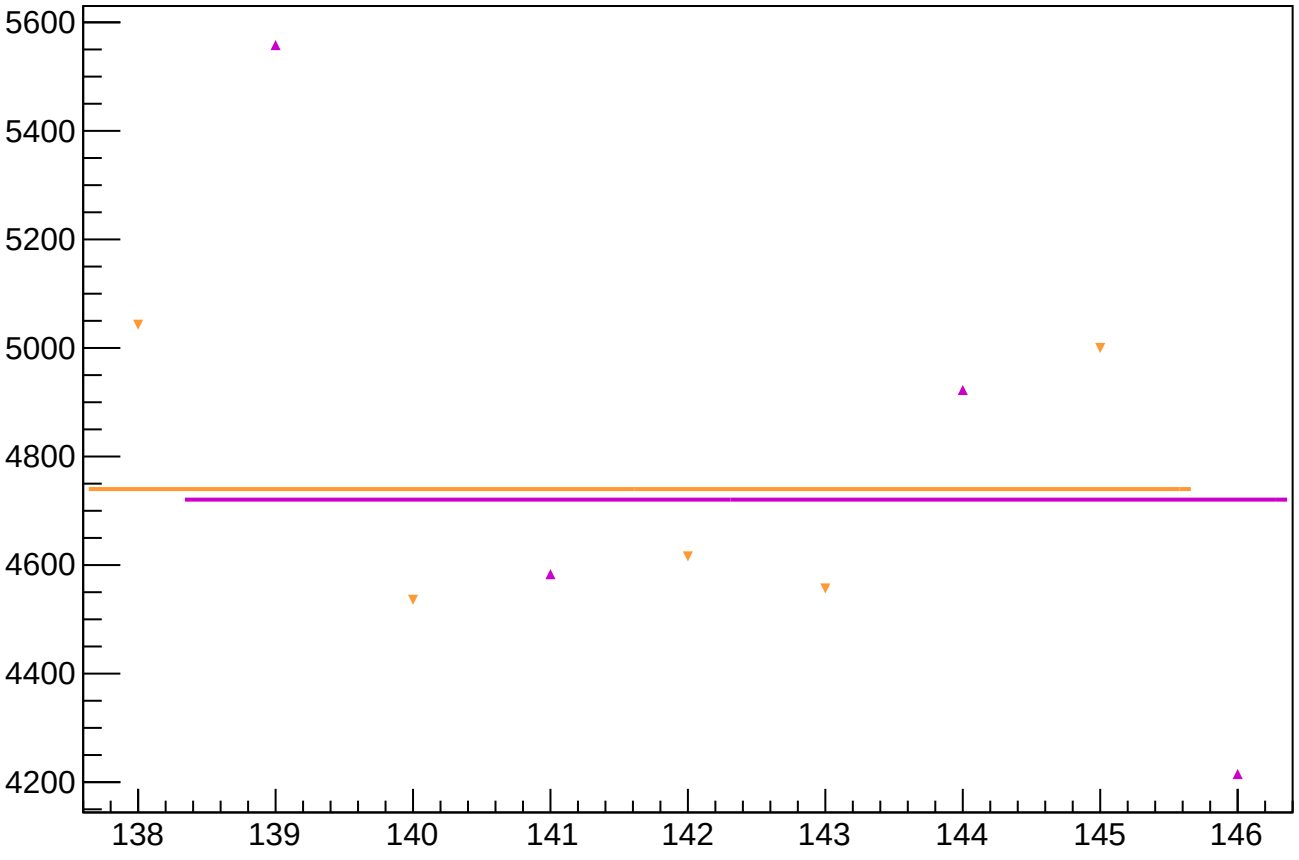
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 302.272+/-2612.737 χ^2/NDF:1.8/3

Out: 5656.433+/-2600.269 χ^2/NDF:1.9/4

All: 2992.158+/-1843.060 χ^2/NDF: 5.8/8

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4740.045+/-1.839 χ^2/NDF:15091.9/4

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

Left In: 4720.579+/-1.847 χ^2/NDF:63844.5/3

Left: 4730.358+/-1.303 χ^2/NDF: 78992.2/8

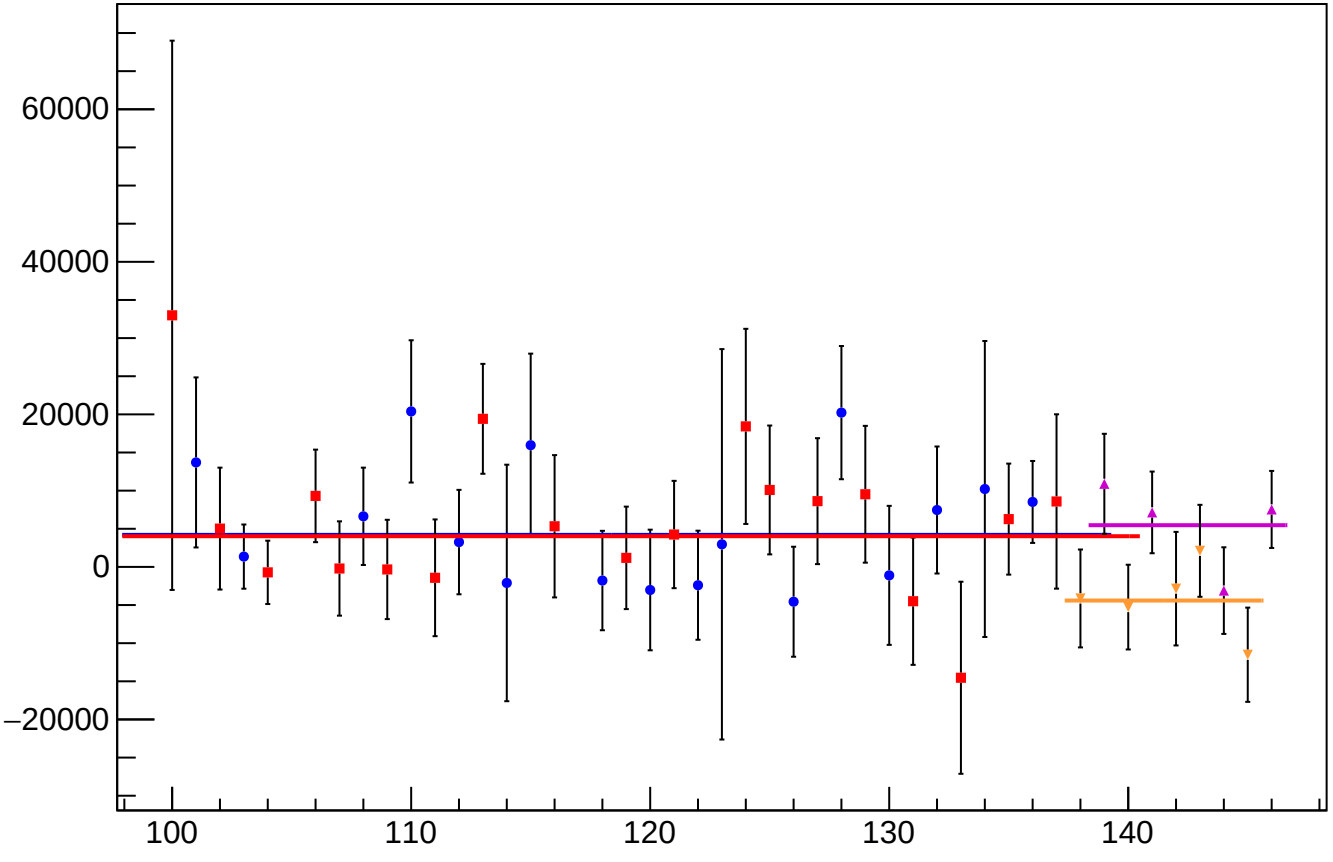
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4720.579+/-1.847 χ^2/NDF:63844.5/3

Out: 4740.045+/-1.839 χ^2/NDF:15091.9/4

All: 4730.358+/-1.303 χ^2/NDF: 78992.2/8

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -4409.436+/-2790.382 χ^2/NDF:2.6/4

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

Left In: 5469.066+/-2791.218 χ^2/NDF:3.2/3

Left: 528.336+/-1973.393 χ^2/NDF: 12.1/8

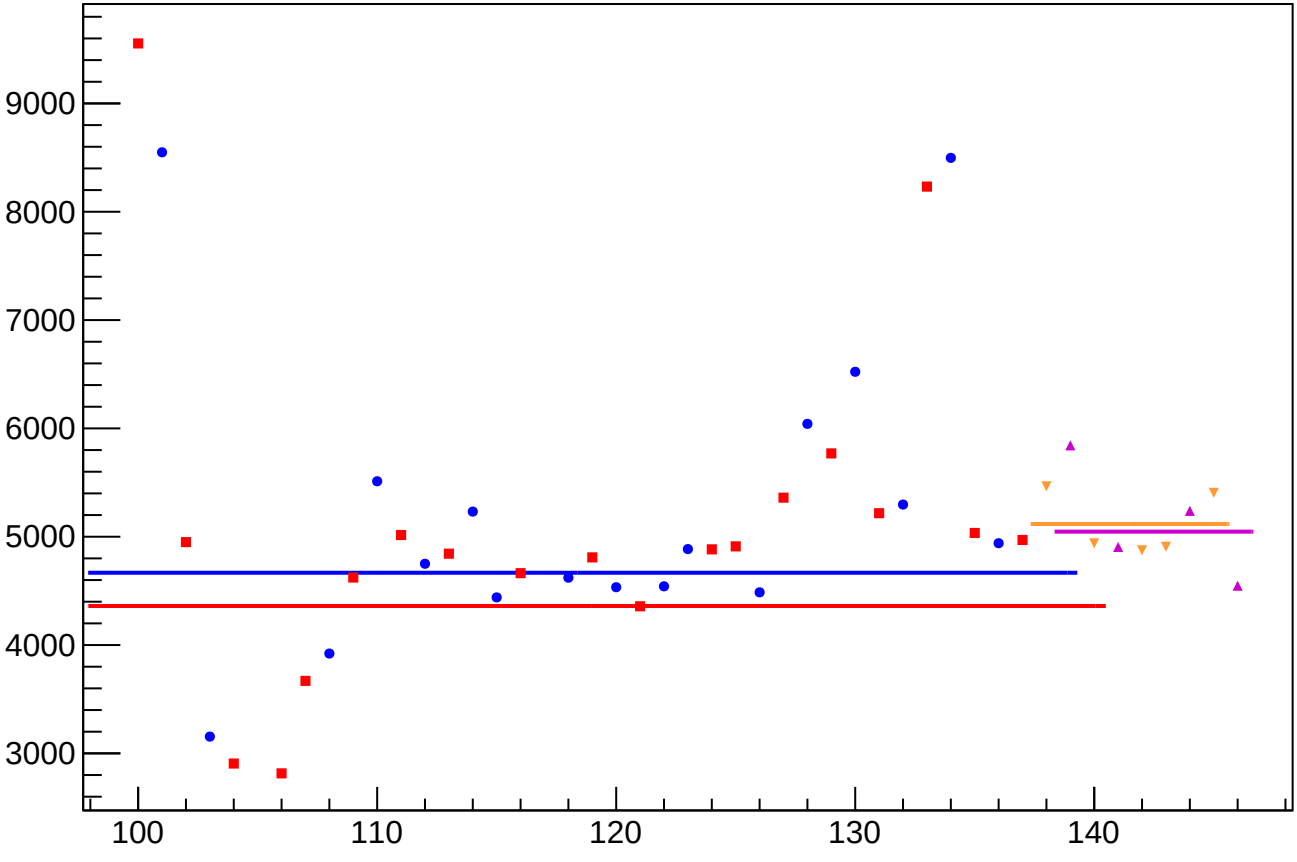
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 4588.755+/-1546.554 χ^2/NDF:17.5/20

Out: 1691.581+/-1467.382 χ^2/NDF:24.0/23

All: 3064.116+/-1064.485 χ^2/NDF: 43.3/44

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5117.687+/-1.973 χ^2/NDF:16835.6/4

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

Left In: 5046.922+/-1.974 χ^2/NDF:52750.8/3

Left: 5082.315+/-1.395 χ^2/NDF: 70229.4/8

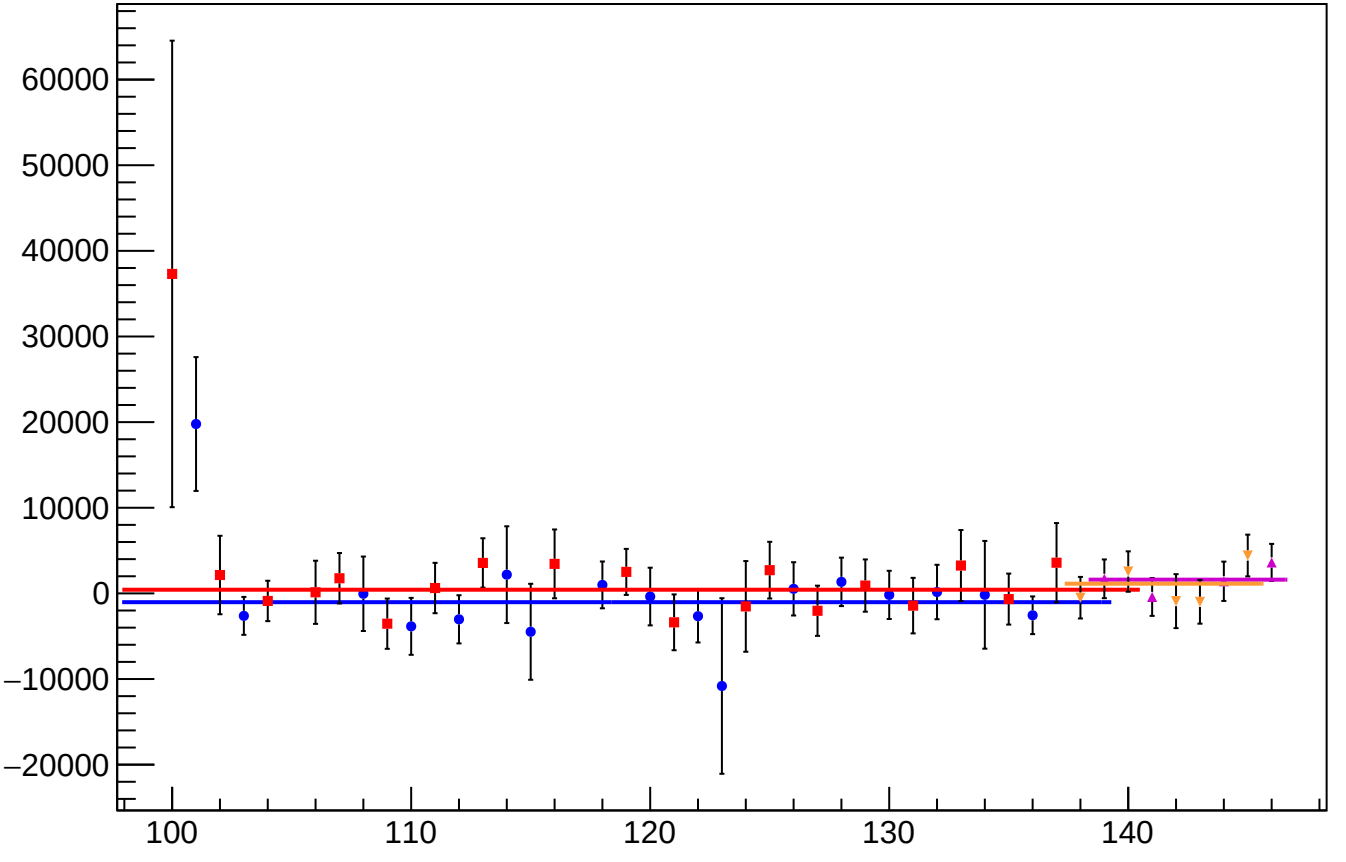
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 4783.963+/-1.094 χ^2/NDF:856223.2/20

Out: 4568.203+/-1.033 χ^2/NDF:956440.5/23

All: 4669.968+/-0.751 χ^2/NDF: 1833230.1/44

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1131.930+/-1137.693 χ^2/NDF:3.8/4

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

Left In: 1602.758+/-1116.189 χ^2/NDF:1.7/3

Left: 1371.836+/-796.759 χ^2/NDF: 5.5/8

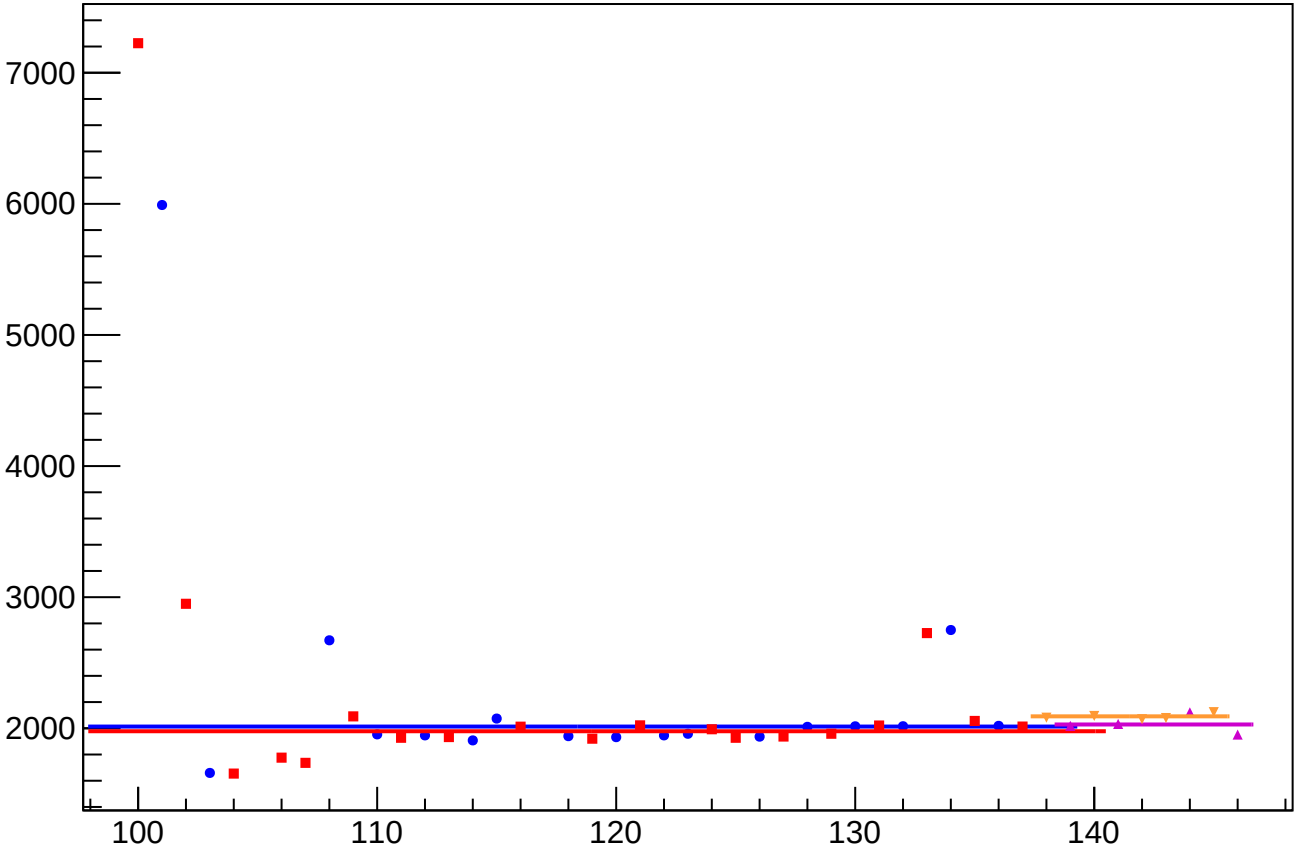
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -139.608+/-648.404 χ^2/NDF:18.4/20

Out: 645.862+/-632.433 χ^2/NDF:14.8/23

All: 262.920+/-452.739 χ^2/NDF: 34.0/44

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2091.168+/-0.804 χ^2/NDF:530.8/4

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

Left In: 2029.101+/-0.789 χ^2/NDF:5834.7/3

Left: 2059.543+/-0.563 χ^2/NDF: 9398.5/8

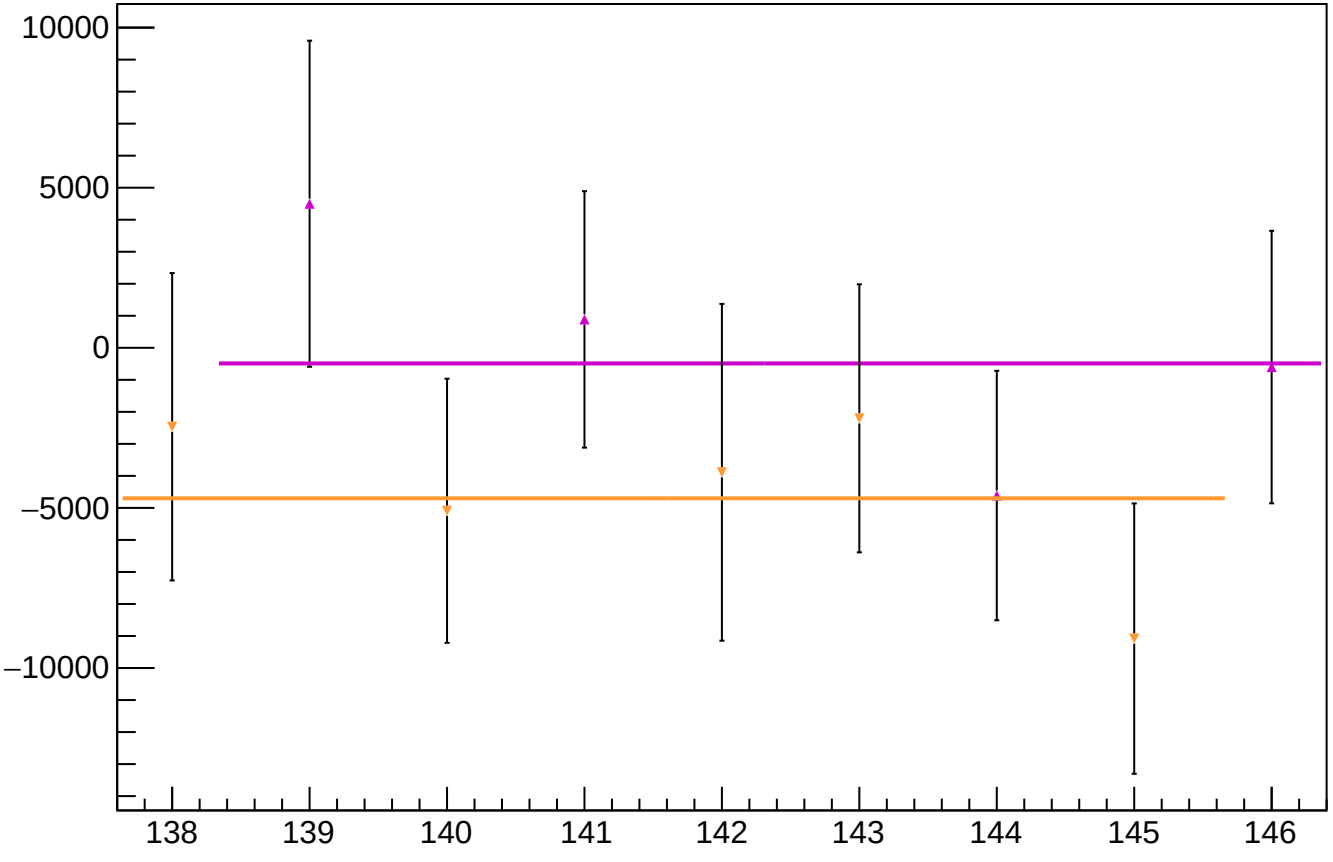
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 2018.612+/-0.458 χ^2/NDF:656149.8/20

Out: 2012.604+/-0.447 χ^2/NDF:309223.3/23

All: 2015.531+/-0.320 χ^2/NDF: 965461.2/44

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -4699.099+/-1993.881 χ^2/NDF:1.7/4

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

Left In: -488.037+/-2122.142 χ^2/NDF:2.2/3

Left: -2724.664+/-1453.116 χ^2/NDF: 6.0/8

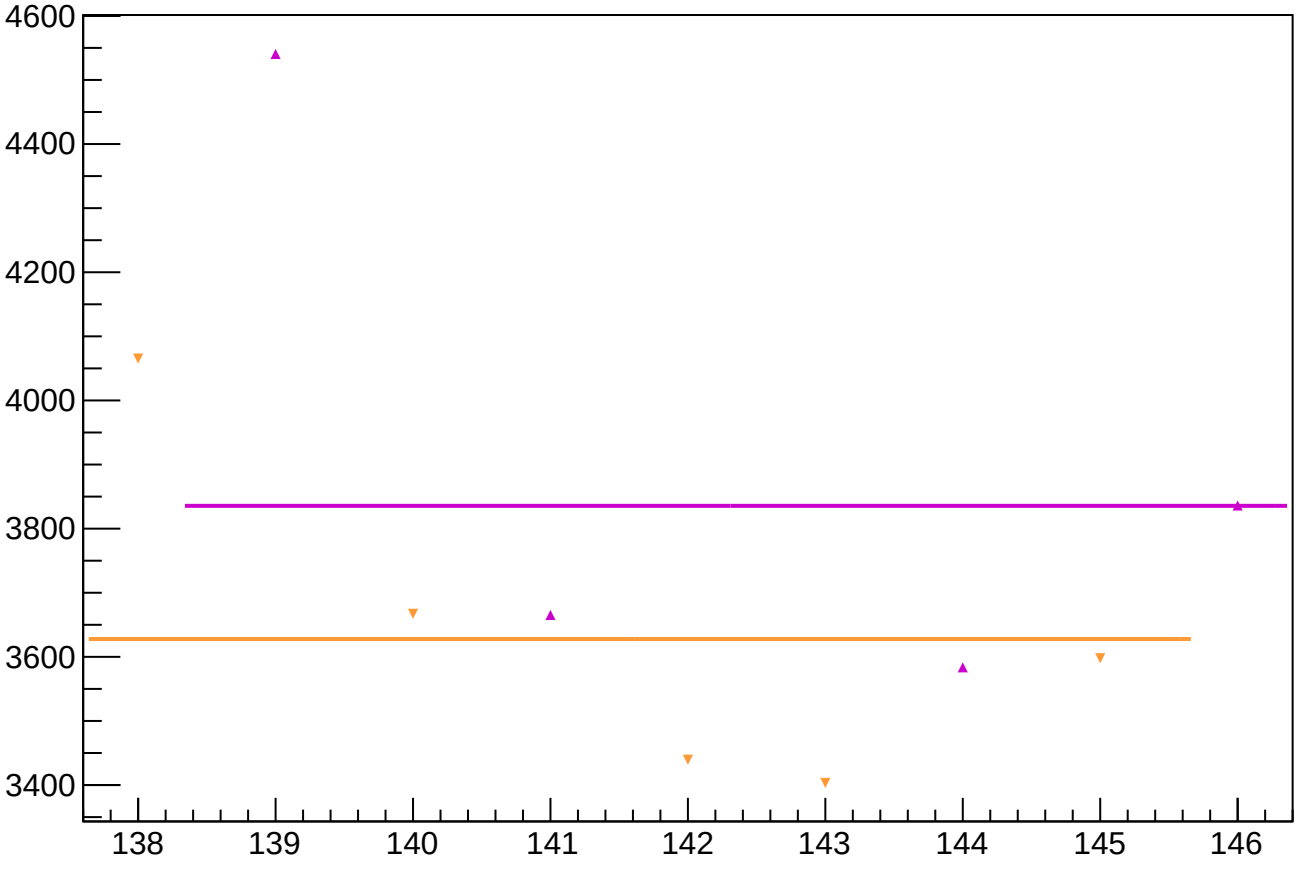
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -488.037+/-2122.142 χ^2/NDF:2.2/3

Out: -4699.099+/-1993.881 χ^2/NDF:1.7/4

All: -2724.664+/-1453.116 χ^2/NDF: 6.0/8

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3627.809+/-1.410 χ^2/NDF:25214.0/4

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

Left In: 3835.594+/-1.501 χ^2/NDF:50311.4/3

Left: 3725.233+/-1.028 χ^2/NDF: 85709.2/8

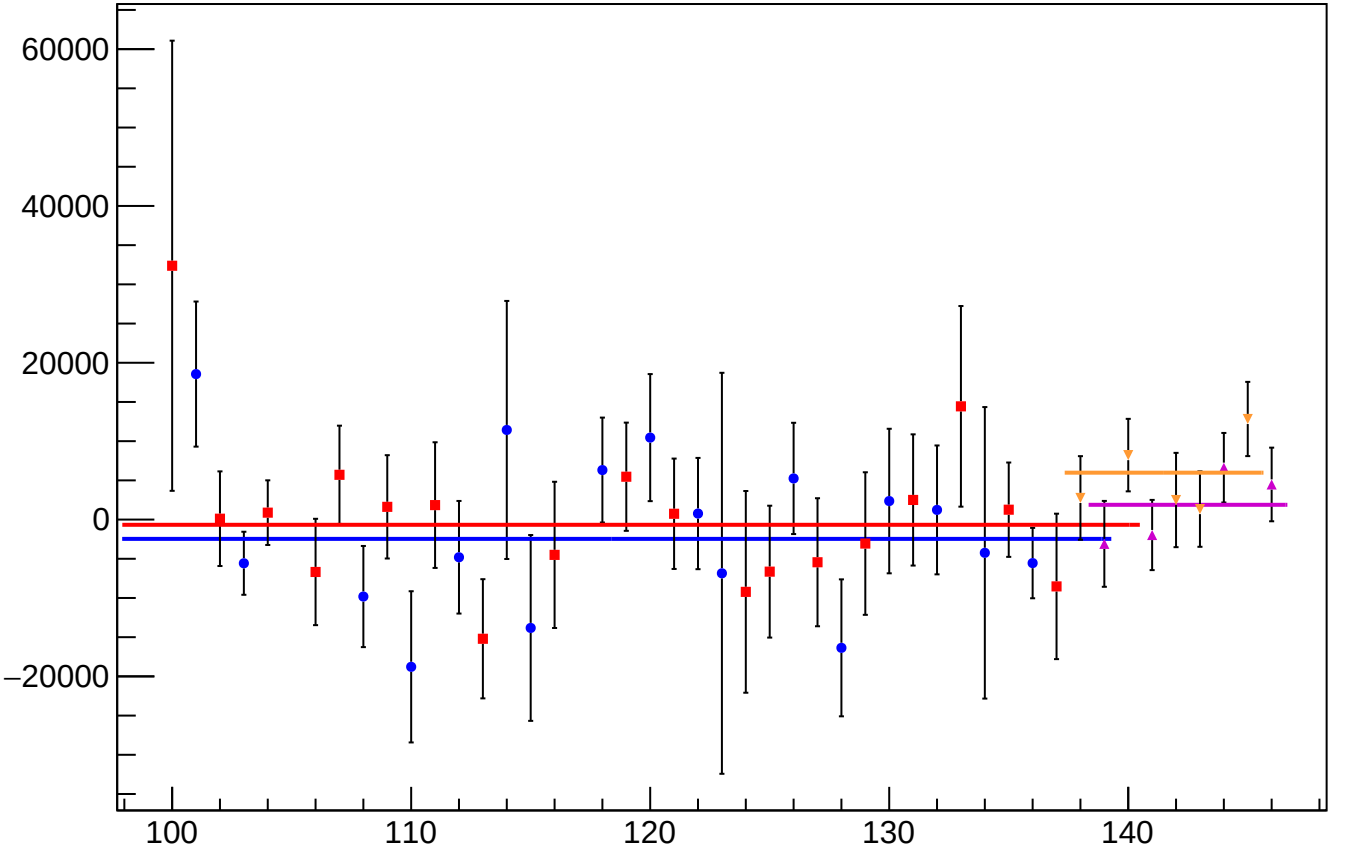
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3835.594+/-1.501 χ^2/NDF:50311.4/3

Out: 3627.809+/-1.410 χ^2/NDF:25214.0/4

All: 3725.233+/-1.028 χ^2/NDF: 85709.2/8

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 5981.272+/-2250.414 χ^2/NDF:4.0/4

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

Left In: 1883.166+/-2360.804 χ^2/NDF:3.0/3

Left: 4030.270+/-1628.911 χ^2/NDF: 8.5/8

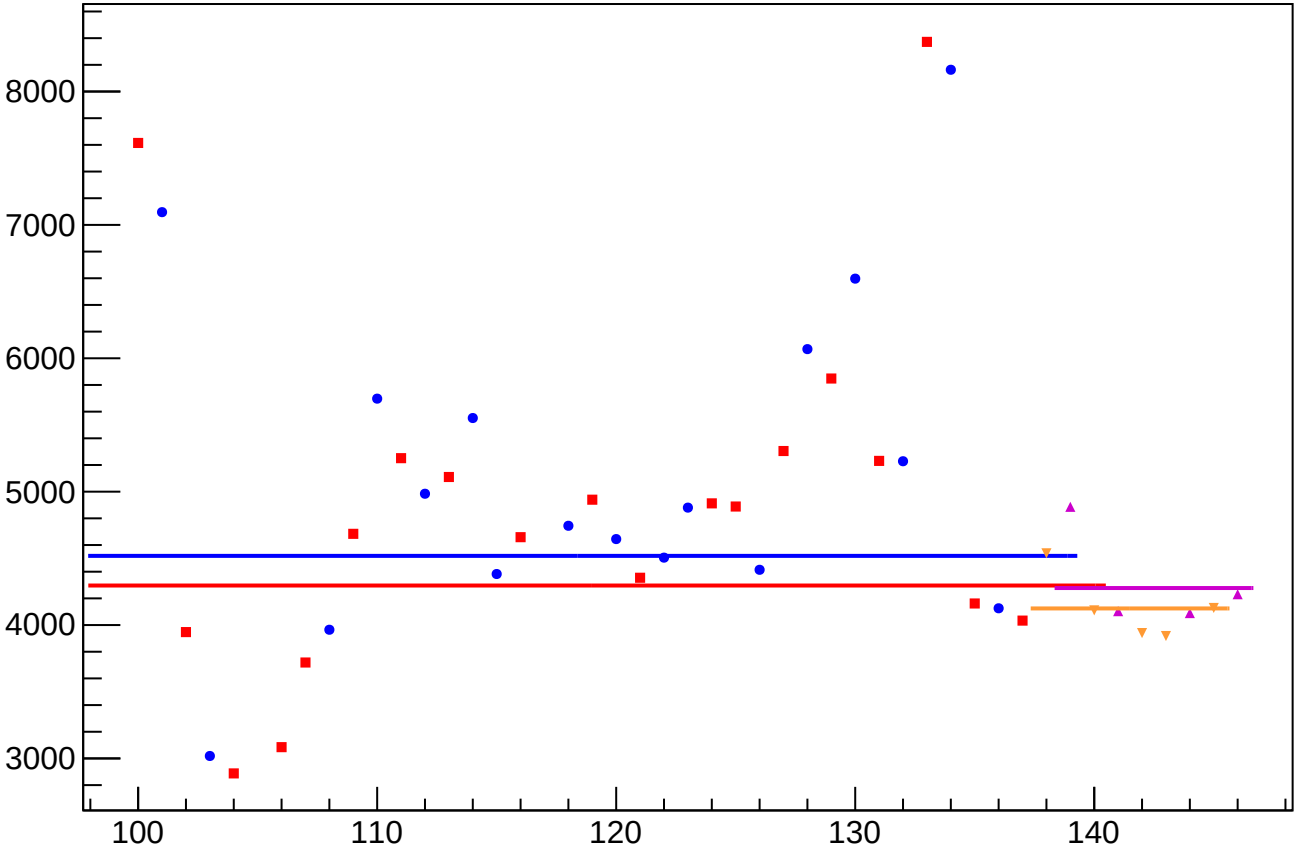
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -867.821+/-1430.037 χ^2/NDF:26.0/20

Out: 1730.541+/-1351.272 χ^2/NDF:21.4/23

All: 504.884+/-982.159 χ^2/NDF: 49.2/44

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4124.534+/-1.591 χ^2/NDF:17622.1/4

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

Left In: 4277.504+/-1.669 χ^2/NDF:31509.7/3

Left: 4197.359+/-1.152 χ^2/NDF: 53531.2/8

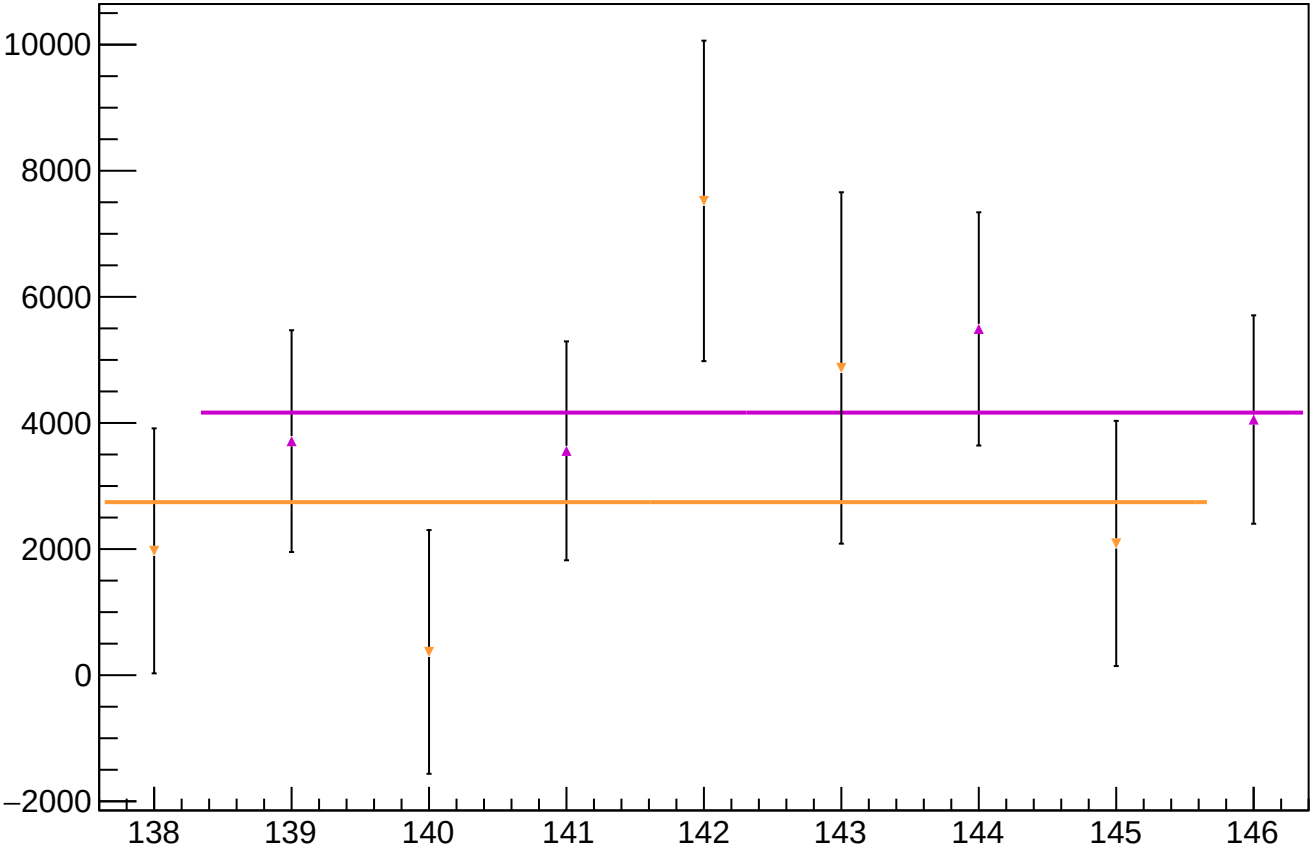
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4430.189+/-1.011 χ^2/NDF:814951.1/20

Out: 4234.860+/-0.952 χ^2/NDF:796811.9/23

All: 4326.651+/-0.693 χ^2/NDF: 1631541.9/44

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: 2744.279+/-961.896 χ^2/NDF:5.9/4

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

Left In: 4164.432+/-872.464 χ^2/NDF:0.7/3

Left: 3523.429+/-646.235 χ^2/NDF: 7.8/8

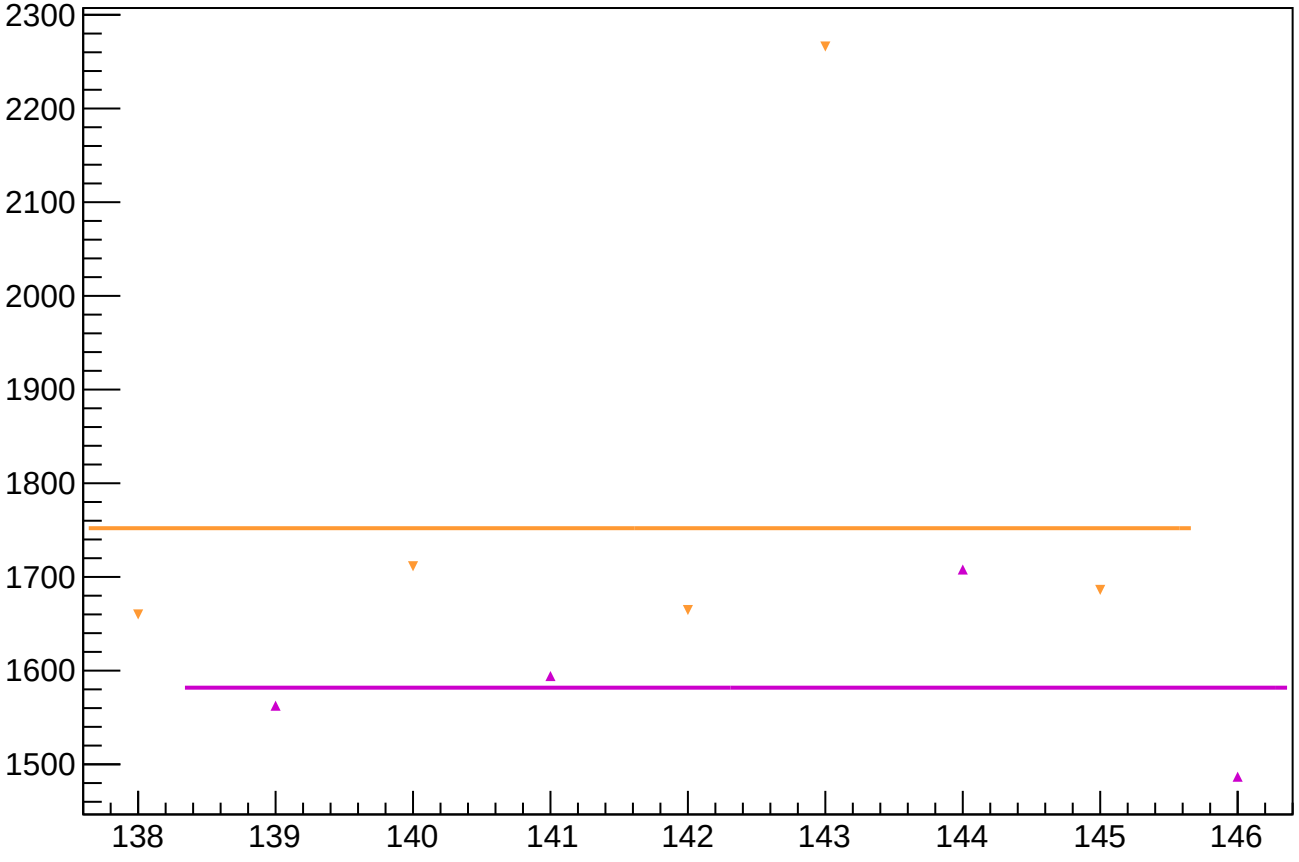
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4164.432+/-872.464 χ^2/NDF:0.7/3

Out: 2744.279+/-961.896 χ^2/NDF:5.9/4

All: 3523.429+/-646.235 χ^2/NDF: 7.8/8

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: 1752.030+/-0.680 χ^2/NDF:78119.9/4

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

Left In: 1581.801+/-0.617 χ^2/NDF:16257.7/3

Left: 1658.636+/-0.457 χ^2/NDF: 128743.7/8

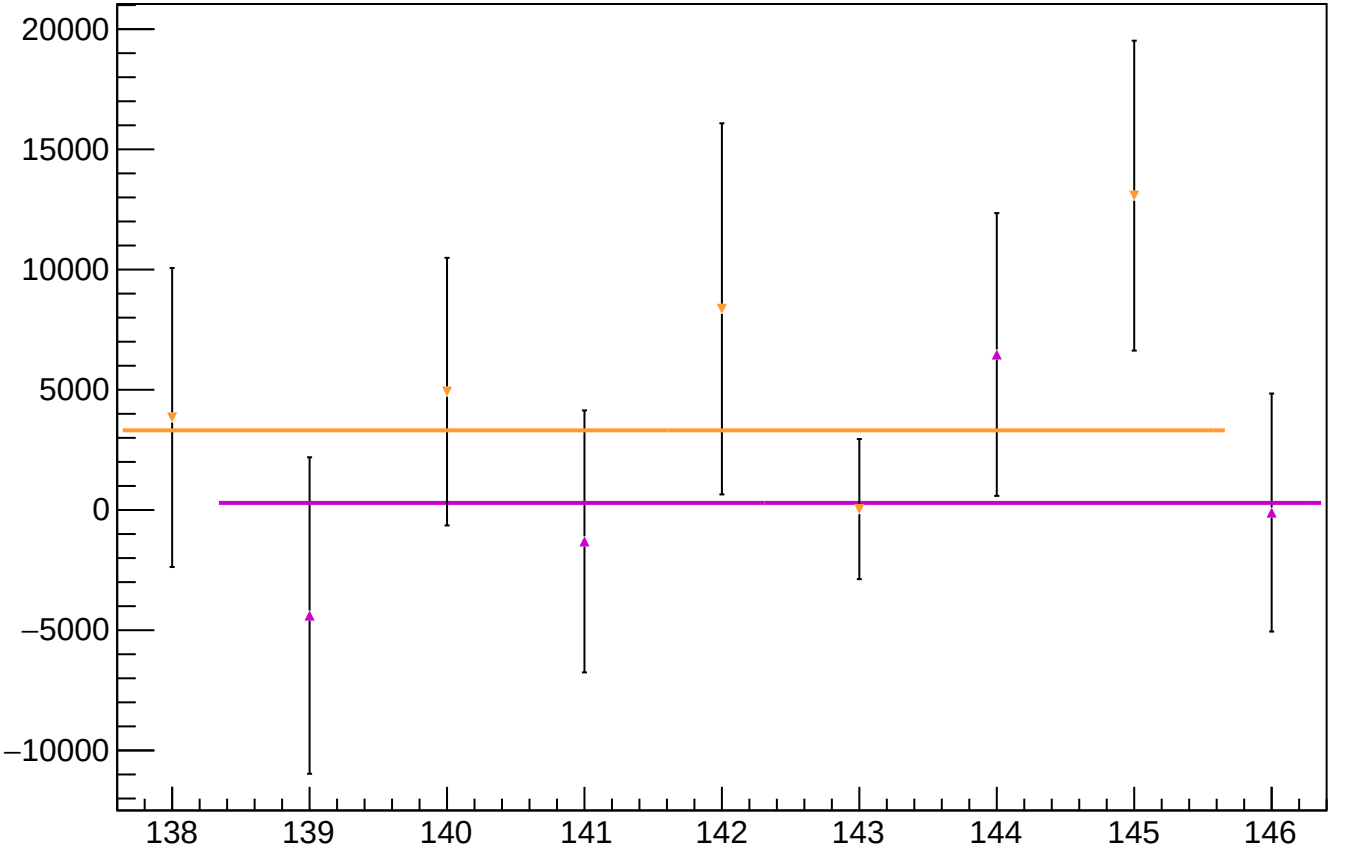
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1581.801+/-0.617 χ^2/NDF:16257.7/3

Out: 1752.030+/-0.680 χ^2/NDF:78119.9/4

All: 1658.636+/-0.457 χ^2/NDF: 128743.7/8

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: 3312.088+/-2147.897 χ^2/NDF:4.1/4

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

Left In: 295.408+/-2811.781 χ^2/NDF:1.7/3

Left: 2200.442+/-1706.869 χ^2/NDF: 6.5/8

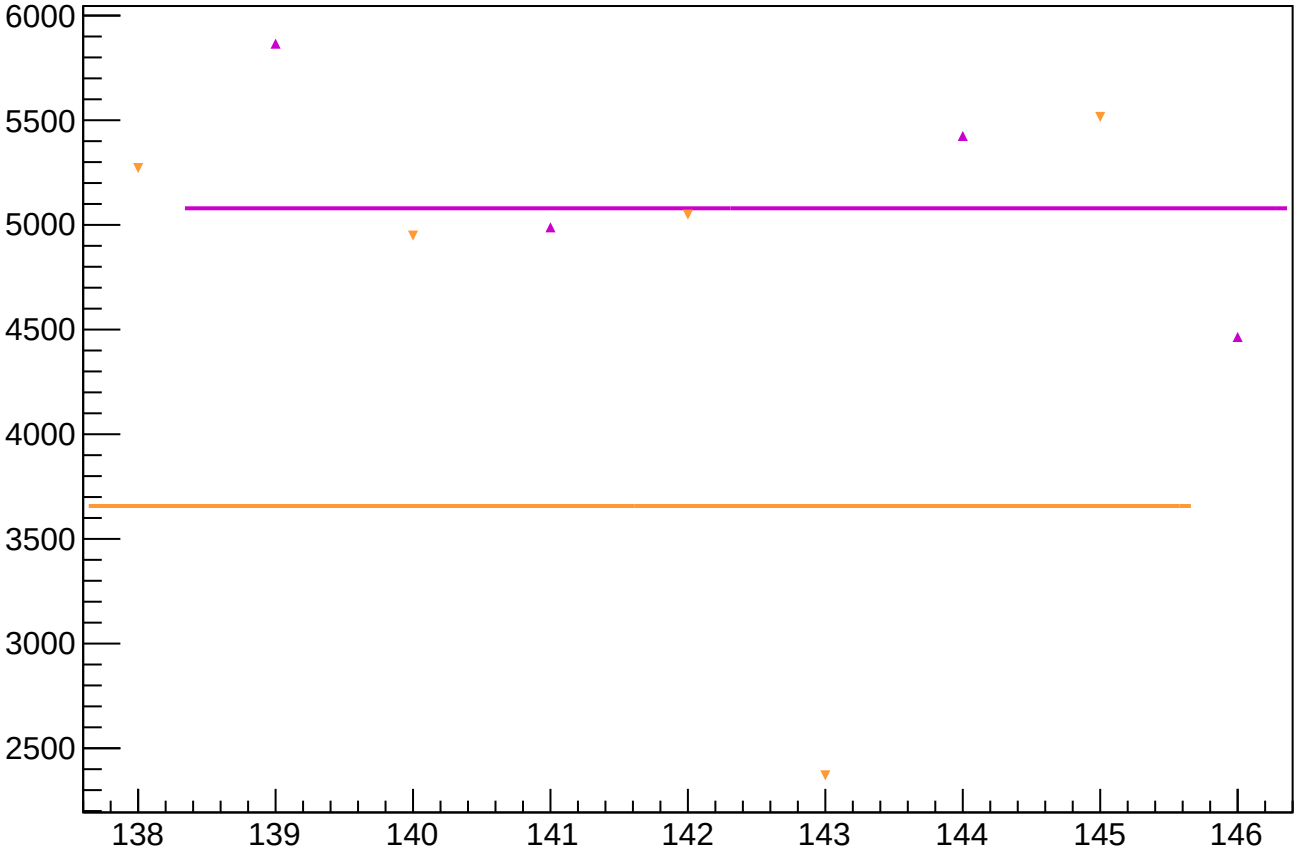
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 295.408+/-2811.781 χ^2/NDF:1.7/3

Out: 3312.088+/-2147.897 χ^2/NDF:4.1/4

All: 2200.442+/-1706.869 χ^2/NDF: 6.5/8

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: 3657.259+/-1.519 χ^2/NDF:863687.0/4

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

Left In: 5079.329+/-1.988 χ^2/NDF:66849.6/3

Left: 4181.292+/-1.207 χ^2/NDF: 1253595.8/8

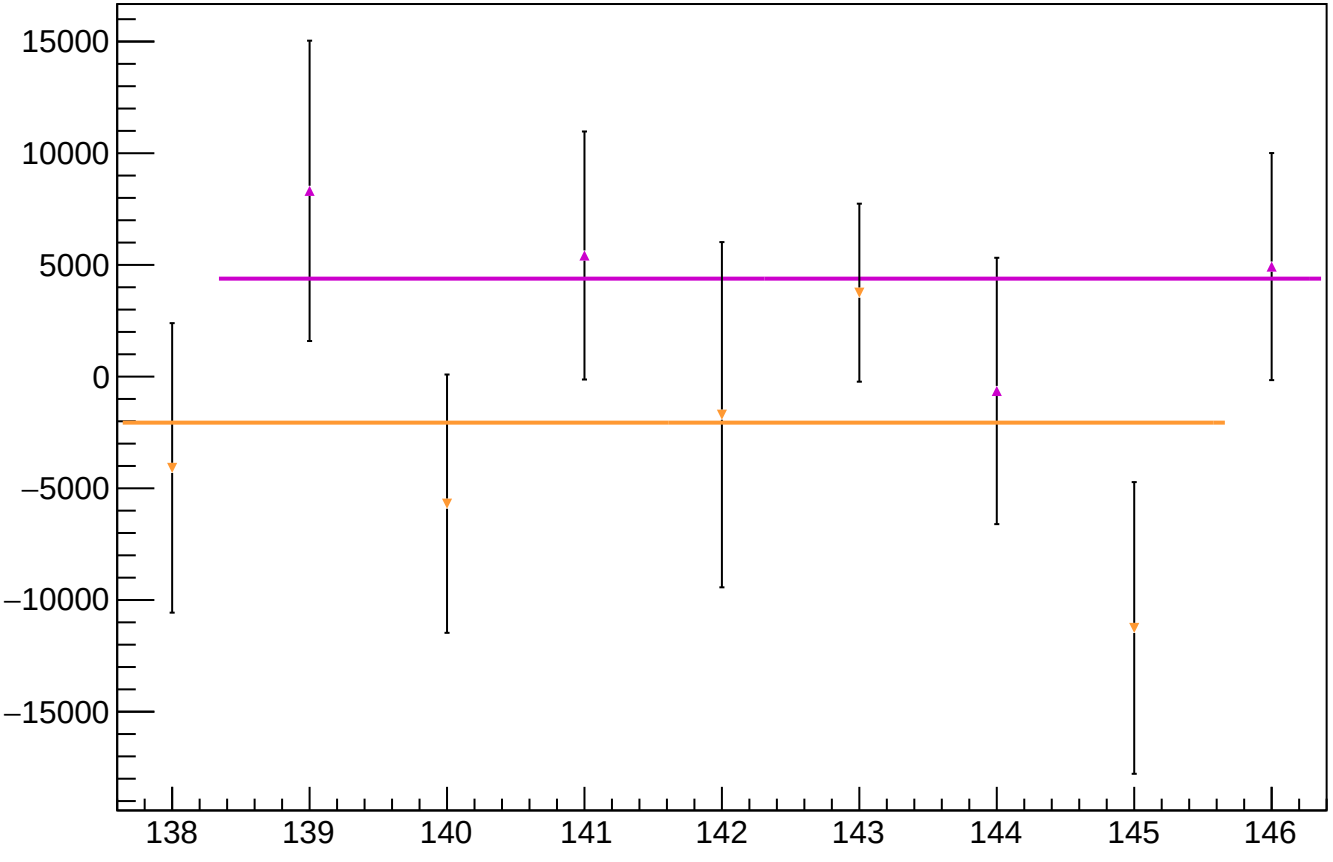
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5079.329+/-1.988 χ^2/NDF:66849.6/3

Out: 3657.259+/-1.519 χ^2/NDF:863687.0/4

All: 4181.292+/-1.207 χ^2/NDF: 1253595.8/8

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: -2060.118+/-2524.422 χ^2/NDF:4.6/4

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

Left In: 4385.899+/-2869.744 χ^2/NDF:1.1/3

Left: 751.917+/-1895.430 χ^2/NDF: 8.6/8

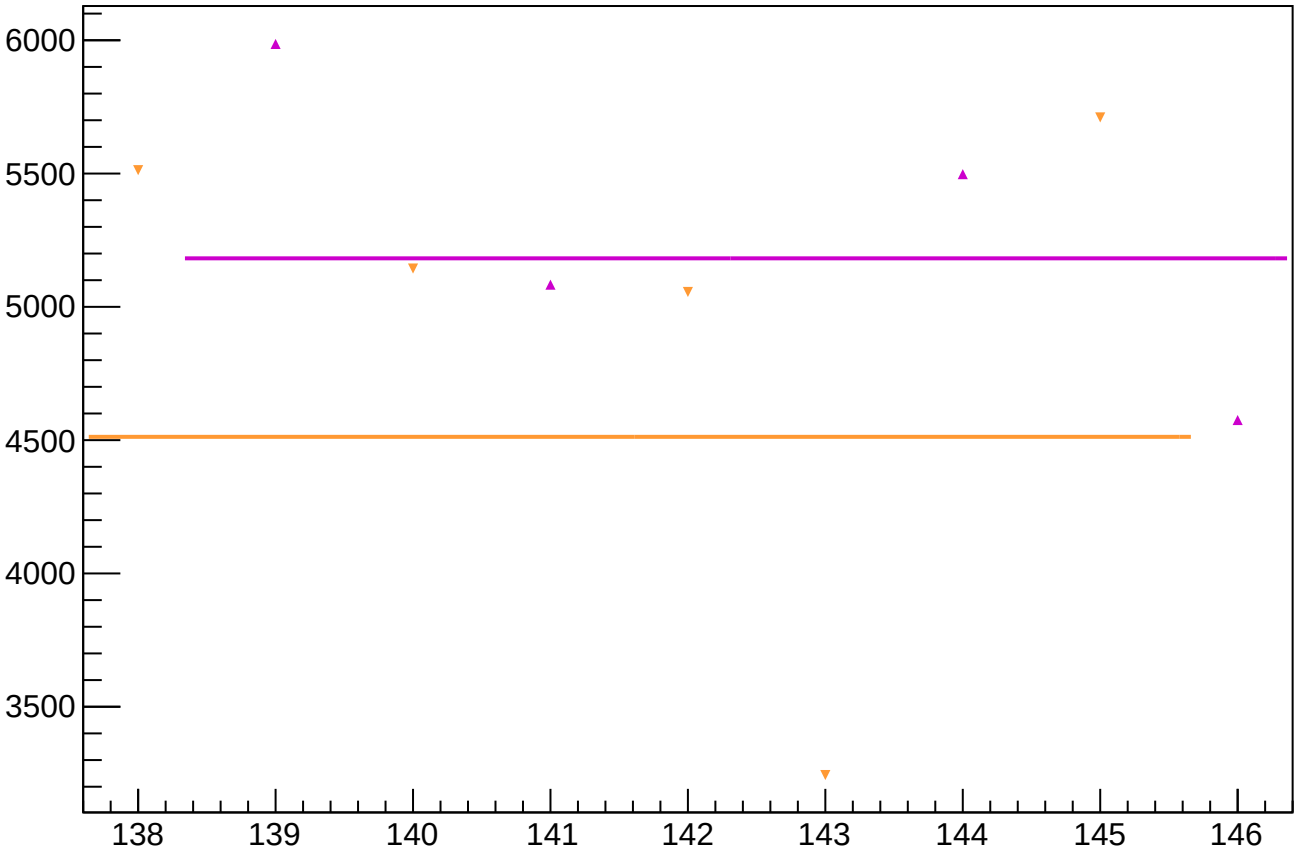
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4385.899+/-2869.744 χ^2/NDF:1.1/3

Out: -2060.118+/-2524.422 χ^2/NDF:4.6/4

All: 751.917+/-1895.430 χ^2/NDF: 8.6/8

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: 4512.411+/-1.785 χ^2/NDF:351490.4/4

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

Left In: 5181.974+/-2.029 χ^2/NDF:63347.6/3

Left: 4804.504+/-1.340 χ^2/NDF: 476216.8/8

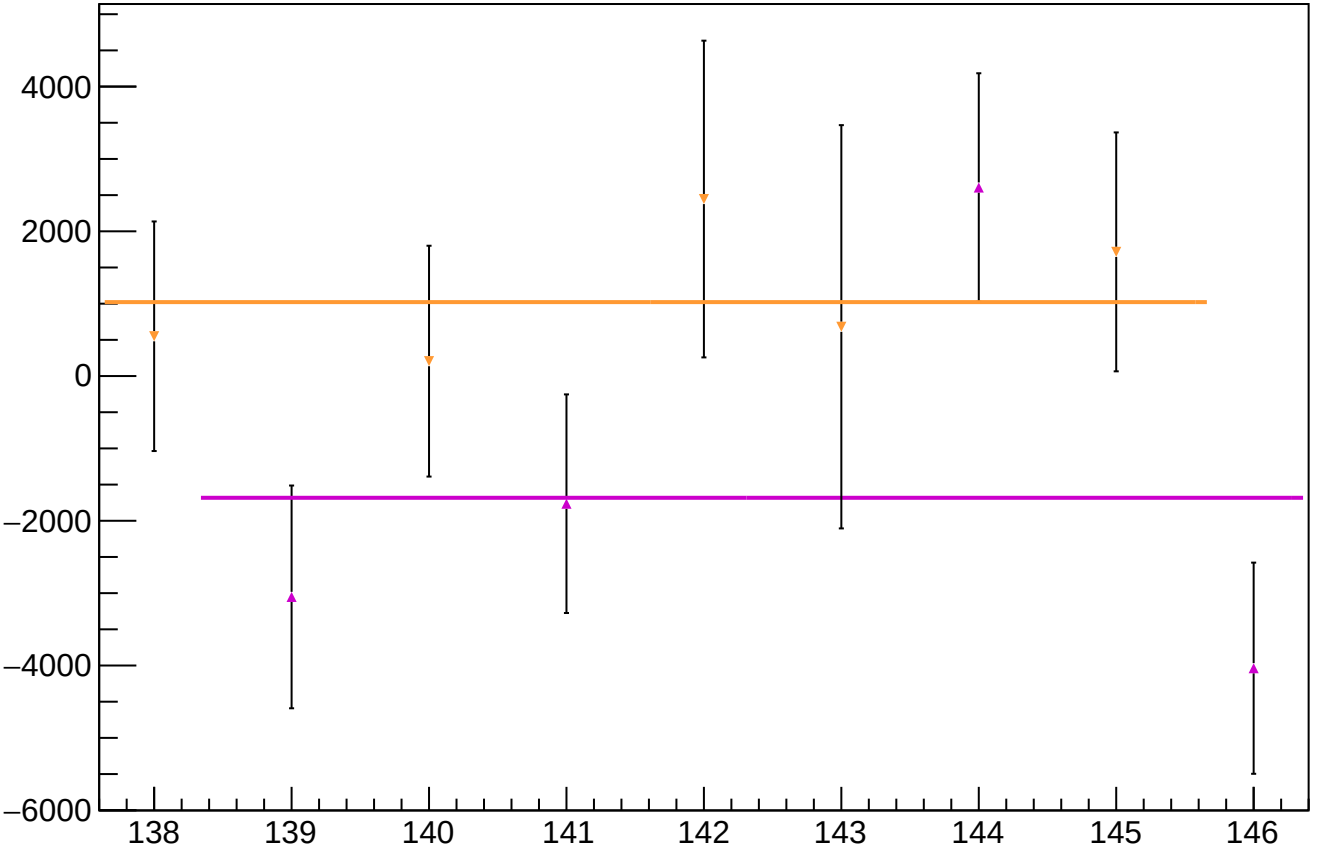
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5181.974+/-2.029 χ^2/NDF:63347.6/3

Out: 4512.411+/-1.785 χ^2/NDF:351490.4/4

All: 4804.504+/-1.340 χ^2/NDF: 476216.8/8

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: 1021.726+/-817.814 χ^2/NDF:1.0/4

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

Left In: -1682.288+/-759.976 χ^2/NDF:10.8/3

Left: -429.271+/-556.709 χ^2/NDF: 17.6/8

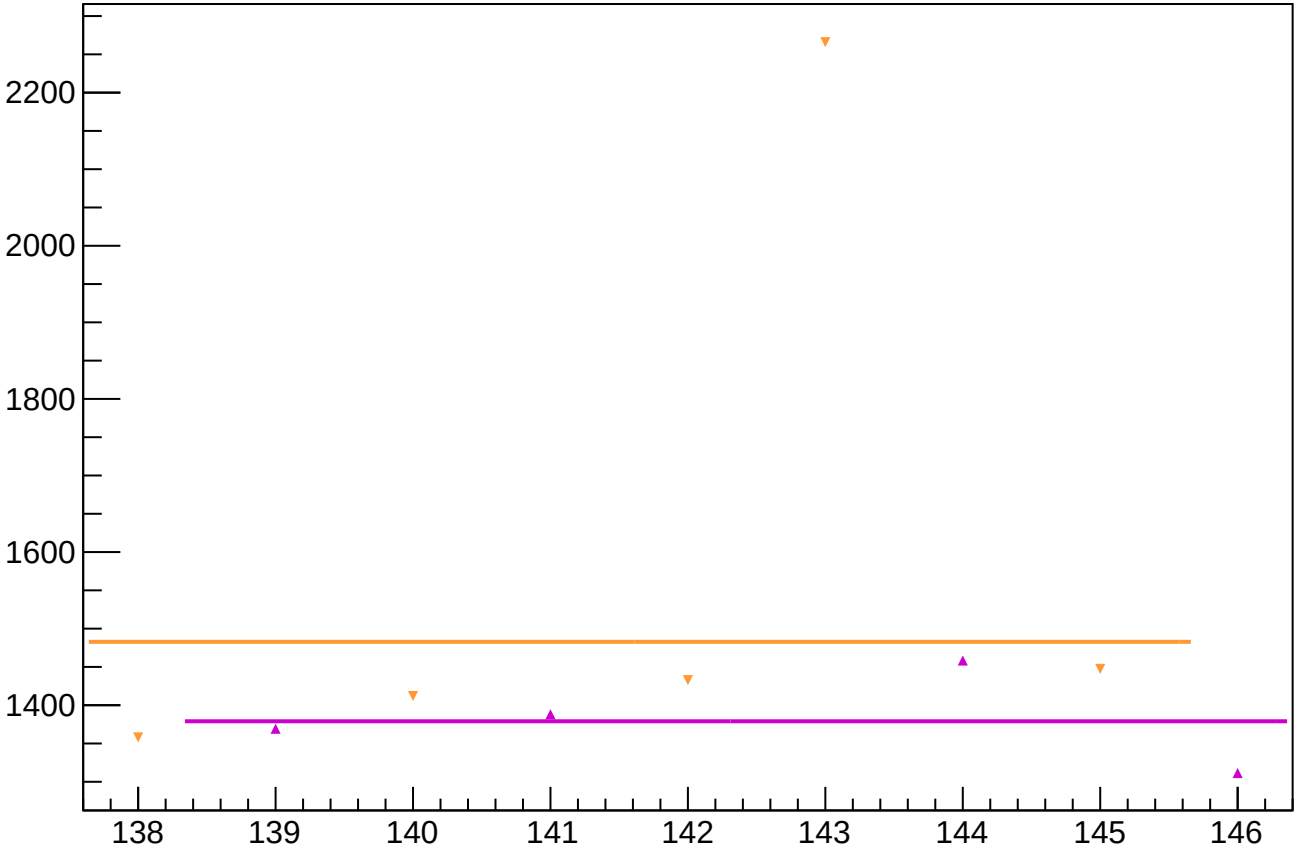
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1682.288+/-759.976 χ^2/NDF:10.8/3

Out: 1021.726+/-817.814 χ^2/NDF:1.0/4

All: -429.271+/-556.709 χ^2/NDF: 17.6/8

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: 1482.766+/-0.578 χ^2/NDF:176276.0/4

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

Left In: 1379.029+/-0.537 χ^2/NDF:9496.7/3

Left: 1427.100+/-0.394 χ^2/NDF: 203040.7/8

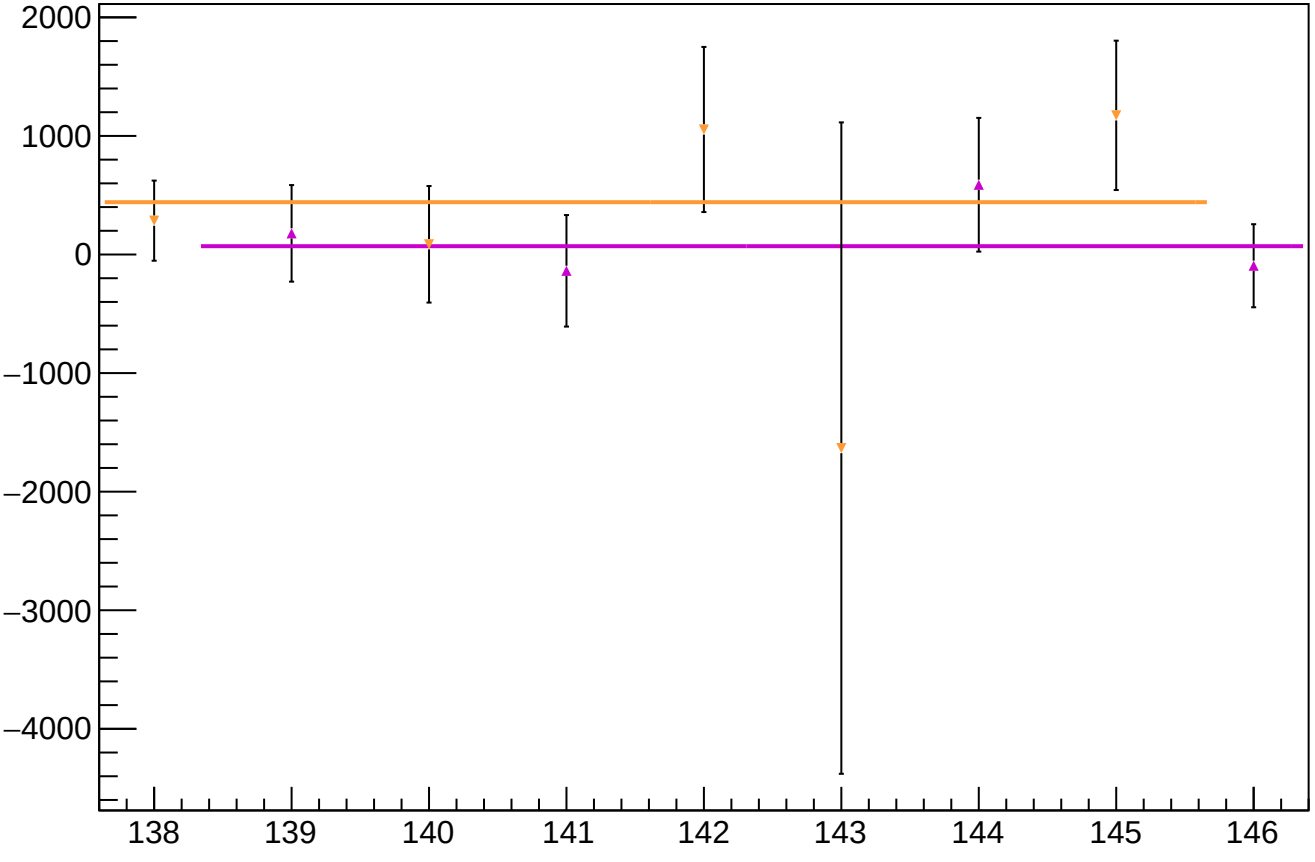
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1379.029+/-0.537 χ^2/NDF:9496.7/3

Out: 1482.766+/-0.578 χ^2/NDF:176276.0/4

All: 1427.100+/-0.394 χ^2/NDF: 203040.7/8

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: 441.252+/-238.246 χ^2/NDF:3.4/4

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

Left In: 70.121+/-213.945 χ^2/NDF:1.3/3

Left: 235.800+/-159.182 χ^2/NDF: 6.1/8

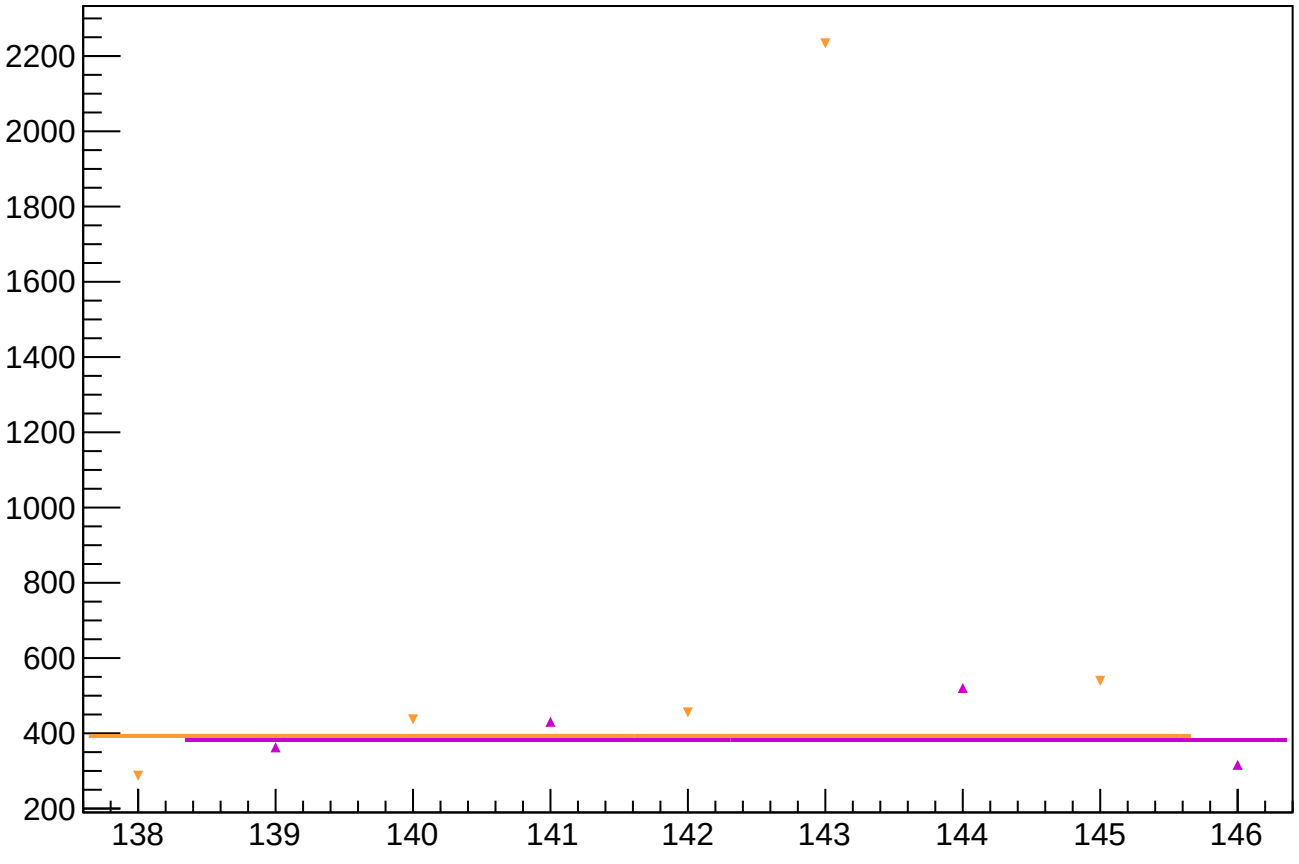
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 70.121+/-213.945 χ^2/NDF:1.3/3

Out: 441.252+/-238.246 χ^2/NDF:3.4/4

All: 235.800+/-159.182 χ^2/NDF: 6.1/8

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: 392.931+/-0.168 χ^2/NDF:1233981.3/4

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

Left In: 382.215+/-0.151 χ^2/NDF:216810.1/3

Left: 386.998+/-0.113 χ^2/NDF: 1453031.4/8

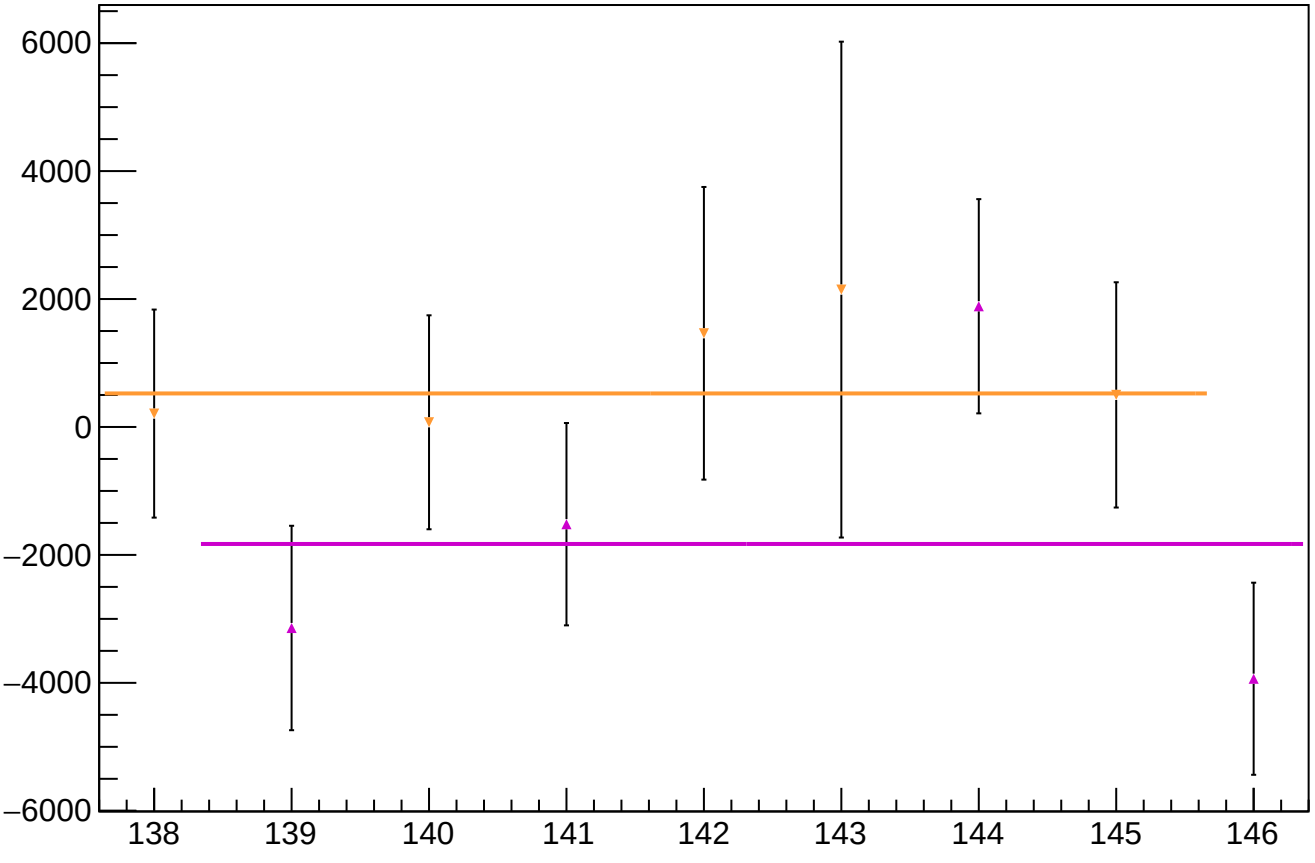
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 382.215+/-0.151 χ^2/NDF:216810.1/3

Out: 392.931+/-0.168 χ^2/NDF:1233981.3/4

All: 386.998+/-0.113 χ^2/NDF: 1453031.4/8

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: 524.164+/-871.708 χ^2/NDF:0.5/4

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

Left In: -1828.923+/-792.632 χ^2/NDF:7.6/3

Left: -763.927+/-586.443 χ^2/NDF: 12.1/8

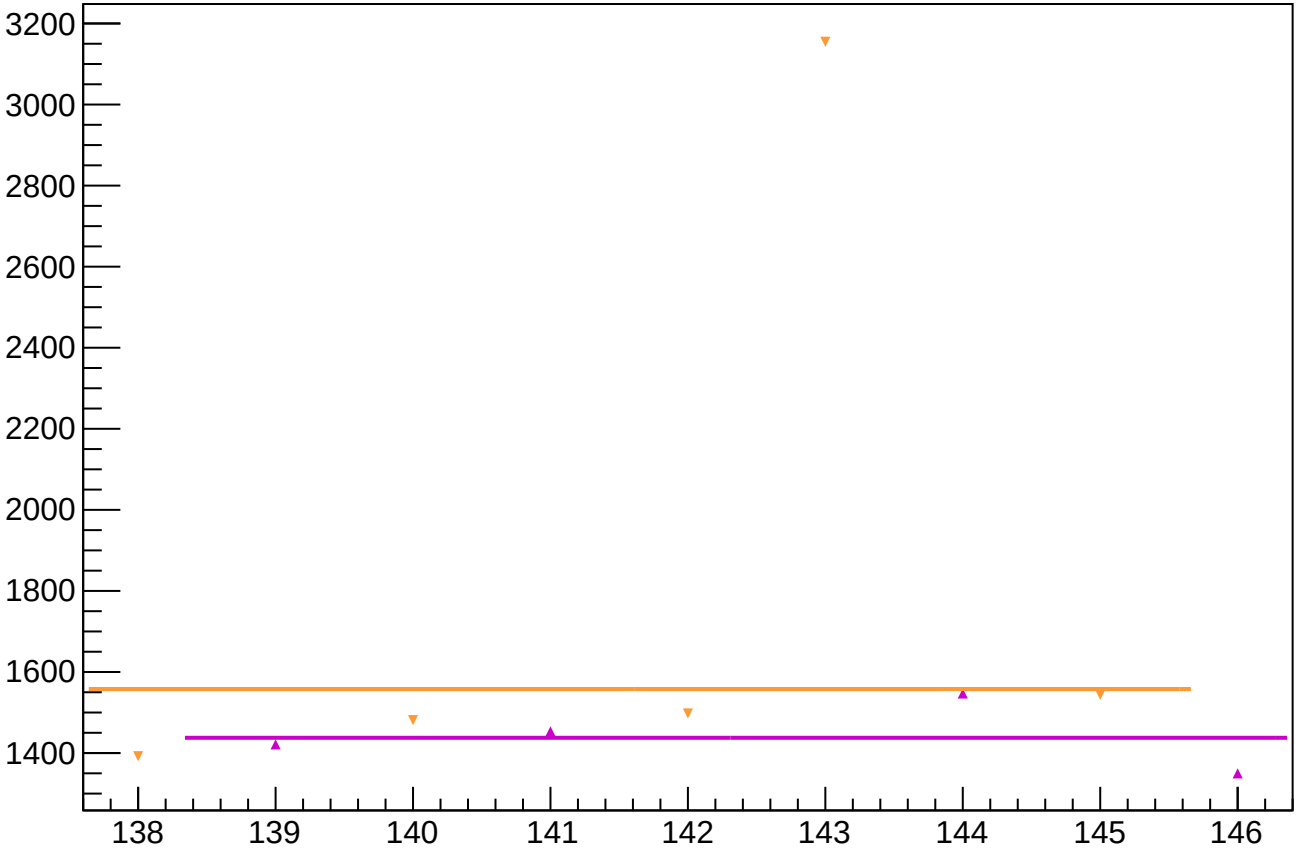
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1828.923+/-792.632 χ^2/NDF:7.6/3

Out: 524.164+/-871.708 χ^2/NDF:0.5/4

All: -763.927+/-586.443 χ^2/NDF: 12.1/8

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: 1558.017+/-0.616 χ^2/NDF:366047.8/4

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

Left In: 1437.661+/-0.560 χ^2/NDF:15766.7/3

Left: 1492.133+/-0.415 χ^2/NDF: 402684.8/8

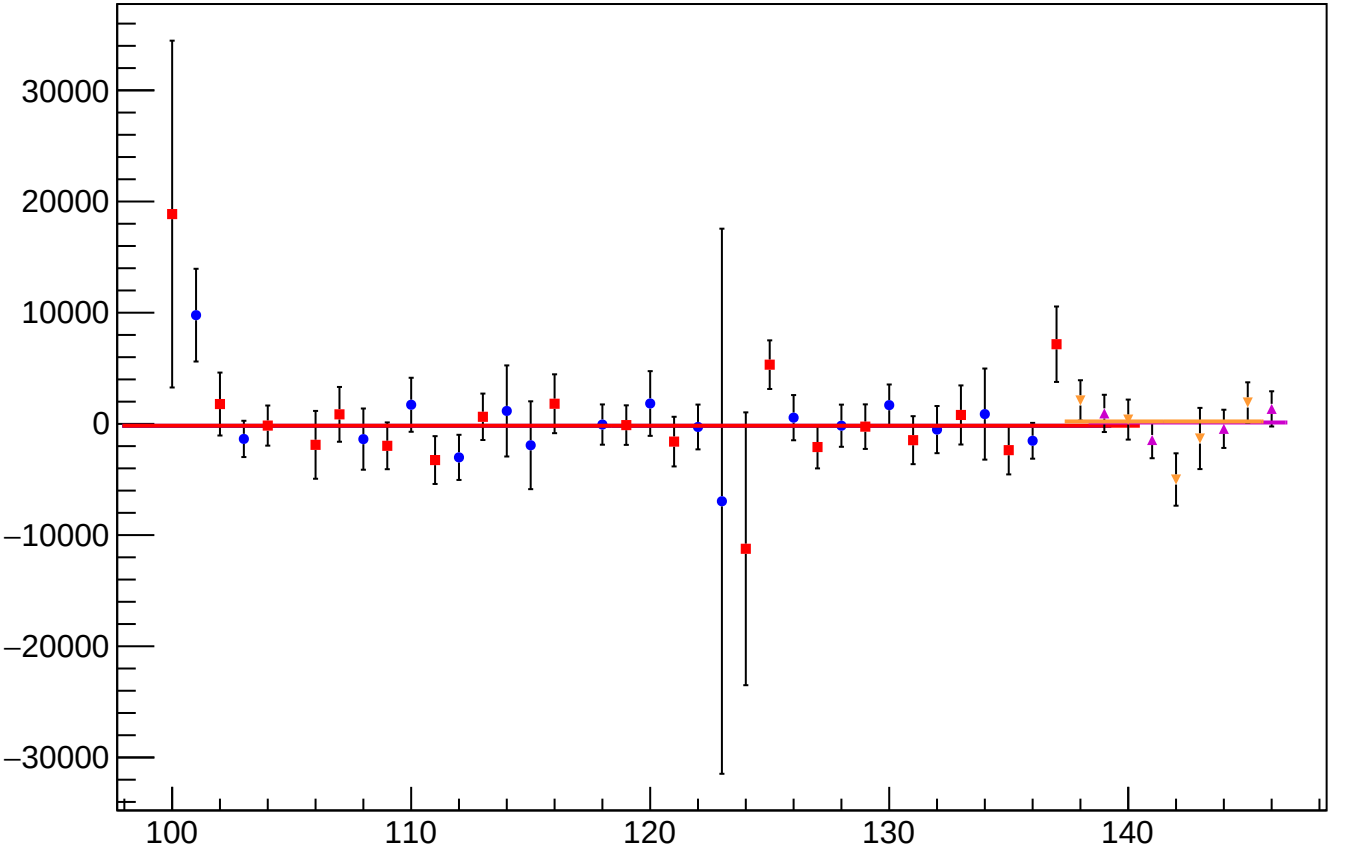
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1437.661+/-0.560 χ^2/NDF:15766.7/3

Out: 1558.017+/-0.616 χ^2/NDF:366047.8/4

All: 1492.133+/-0.415 χ^2/NDF: 402684.8/8

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: 218.725+/-902.528 χ^2/NDF:7.2/4

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

Left In: 125.786+/-826.039 χ^2/NDF:1.9/3

Left: 168.151+/-609.348 χ^2/NDF: 9.1/8

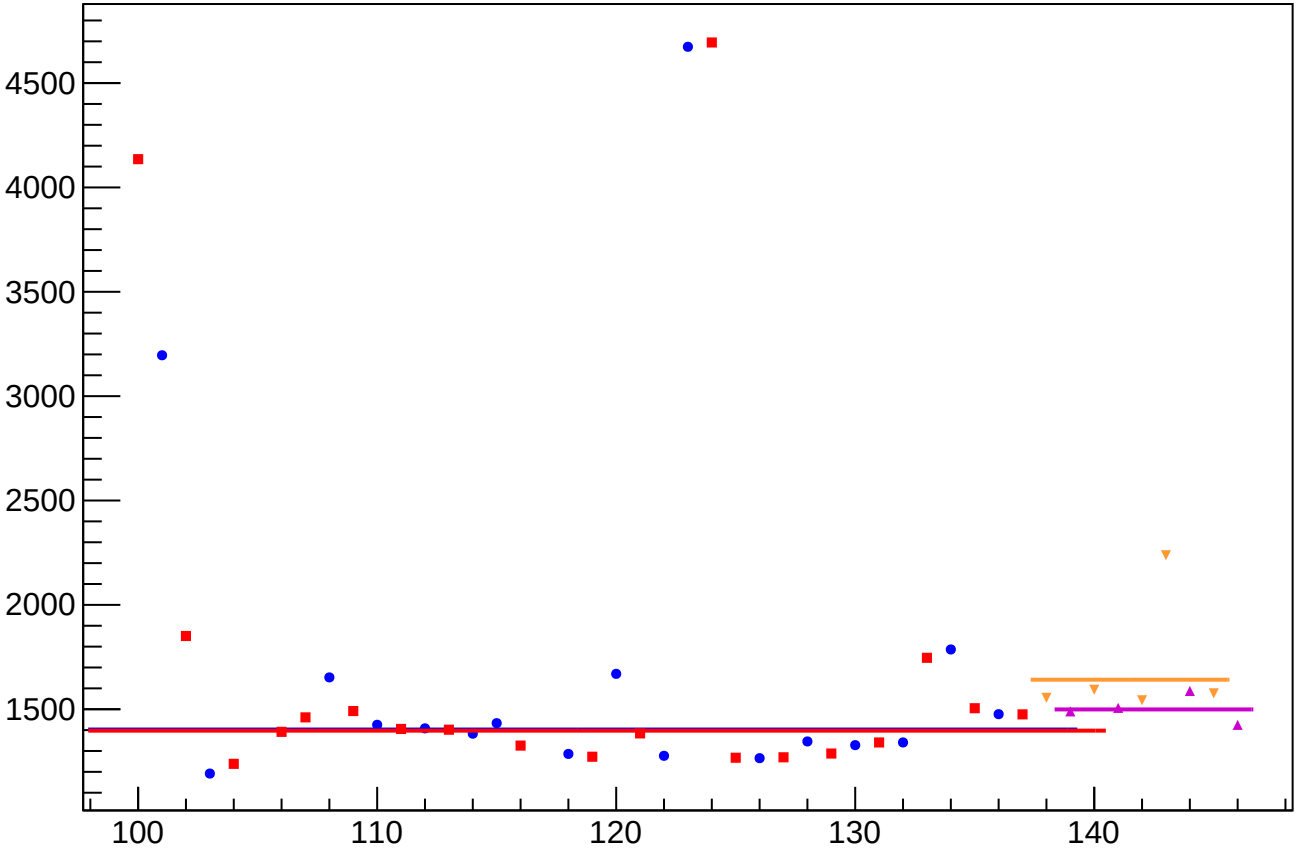
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -81.419+/-460.481 χ^2/NDF:13.7/20

Out: -63.770+/-463.453 χ^2/NDF:28.0/23

All: -72.651+/-326.655 χ^2/NDF: 41.7/44

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: 1641.488+/-0.638 χ^2/NDF:105973.6/4

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

Left In: 1499.060+/-0.584 χ^2/NDF:9752.1/3

Left: 1563.984+/-0.431 χ^2/NDF: 142829.6/8

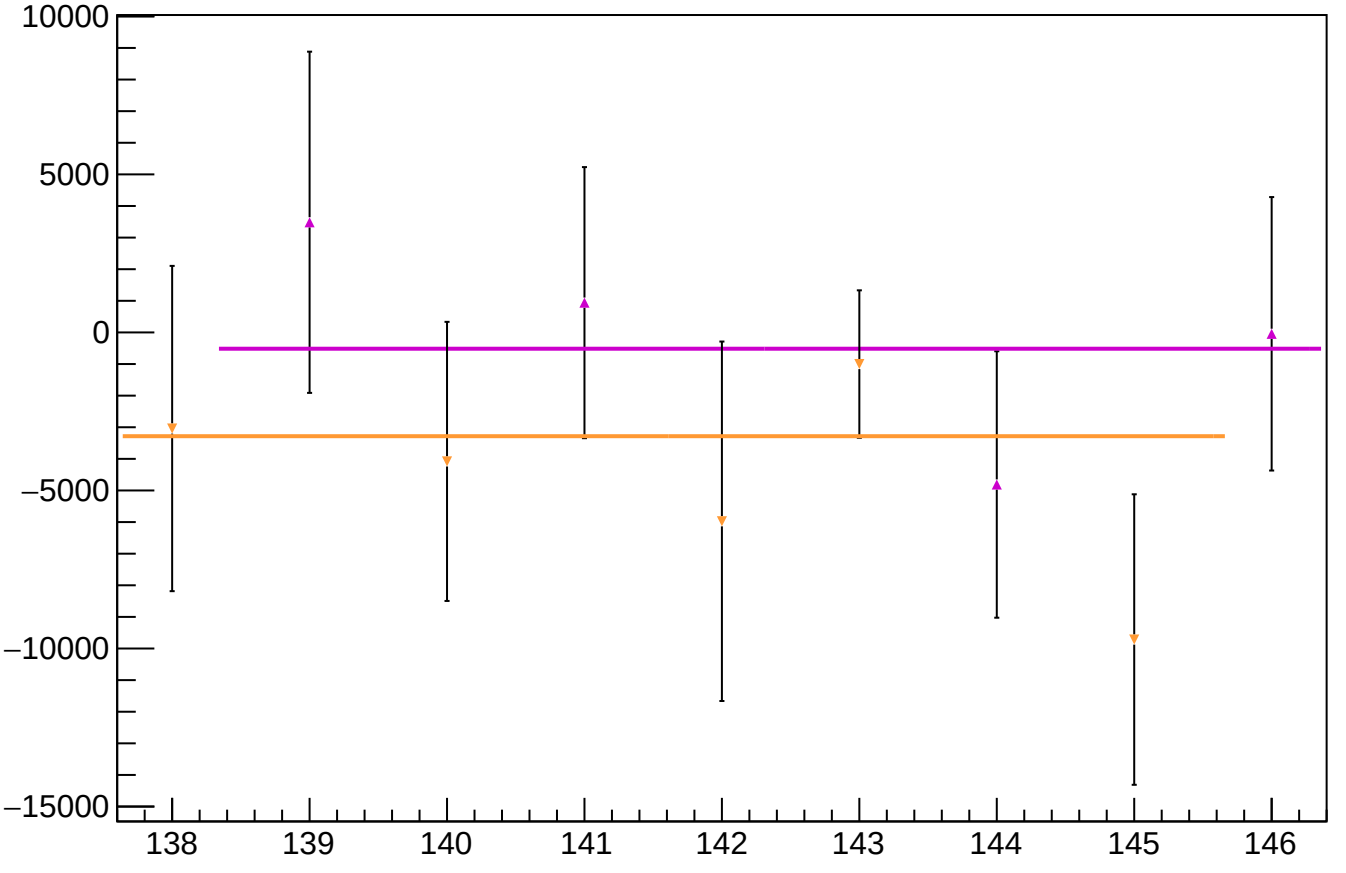
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1432.650+/-0.326 χ^2/NDF:554833.5/20

Out: 1461.740+/-0.328 χ^2/NDF:567046.5/23

All: 1447.108+/-0.231 χ^2/NDF: 1125846.7/44

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: -3283.209+/-1687.458 χ^2/NDF:3.2/4

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

Left In: -515.623+/-2244.785 χ^2/NDF:1.7/3

Left: -2283.948+/-1348.850 χ^2/NDF: 5.9/8

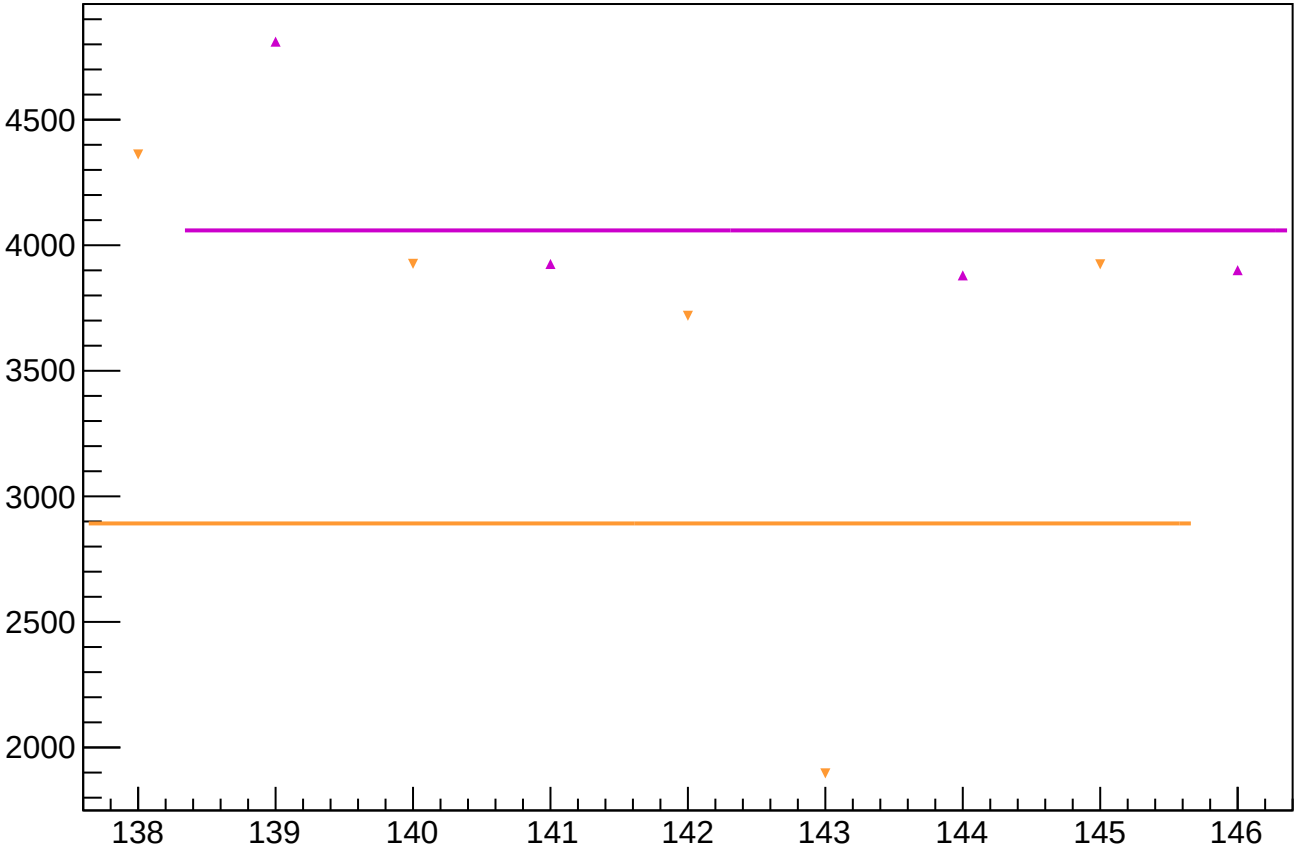
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -515.623+/-2244.785 χ^2/NDF:1.7/3

Out: -3283.209+/-1687.458 χ^2/NDF:3.2/4

All: -2283.948+/-1348.850 χ^2/NDF: 5.9/8

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: 2892.150+/-1.193 χ^2/NDF:780148.5/4

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

Left In: 4059.100+/-1.587 χ^2/NDF:47027.2/3

Left: 3313.488+/-0.954 χ^2/NDF: 1172515.0/8

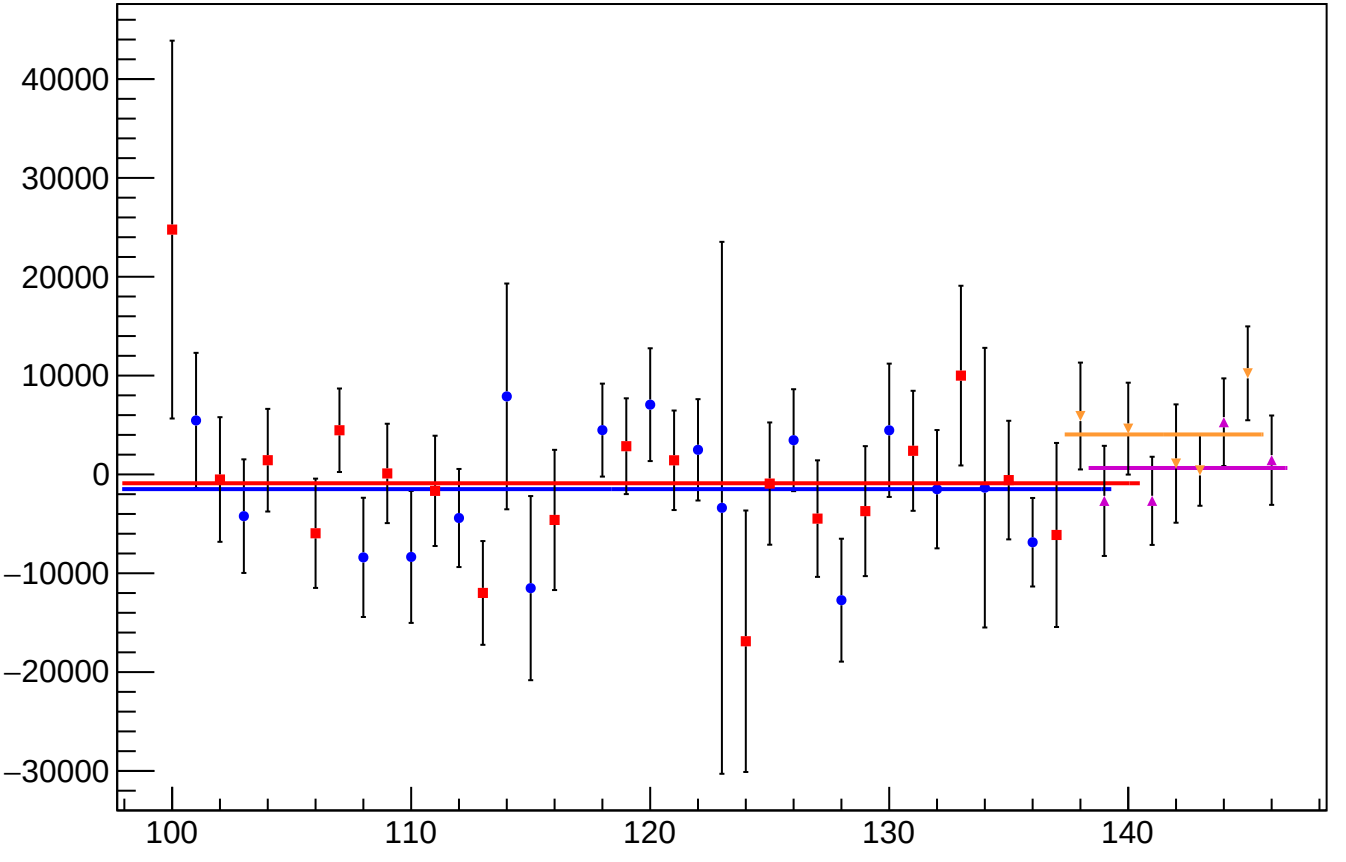
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4059.100+/-1.587 χ^2/NDF:47027.2/3

Out: 2892.150+/-1.193 χ^2/NDF:780148.5/4

All: 3313.488+/-0.954 χ^2/NDF: 1172515.0/8

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: 4044.424+/-2082.175 χ^2/NDF:3.1/4

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

Left In: 651.079+/-2342.142 χ^2/NDF:2.0/3

Left: 2546.455+/-1556.148 χ^2/NDF: 6.3/8

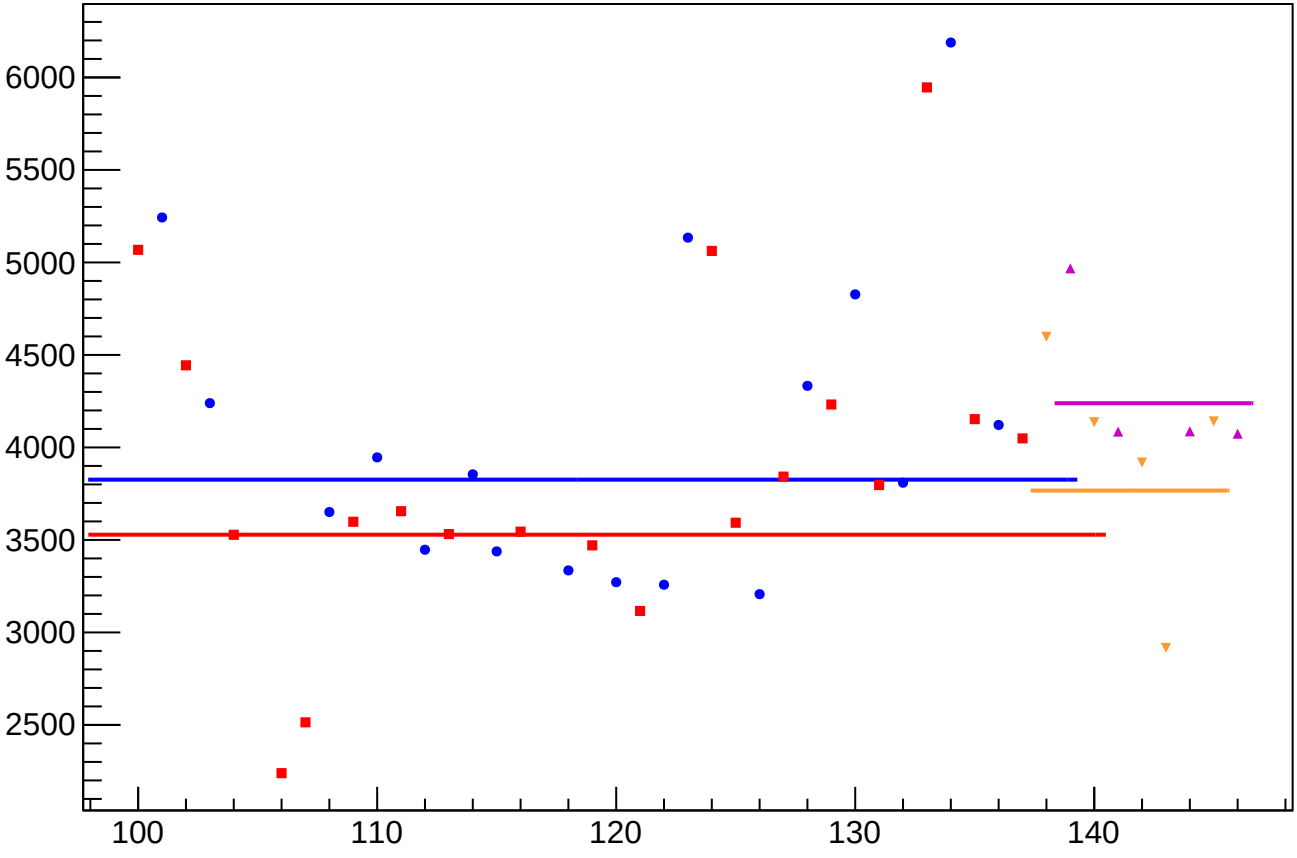
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -865.661+/-1262.627 χ^2/NDF:19.3/20

Out: 611.439+/-1149.663 χ^2/NDF:21.1/23

All: -58.092+/-850.072 χ^2/NDF: 41.2/44

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: 3766.995+/-1.472 χ^2/NDF:186382.3/4

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

Left In: 4238.991+/-1.656 χ^2/NDF:41602.6/3

Left: 3975.354+/-1.100 χ^2/NDF: 273352.8/8

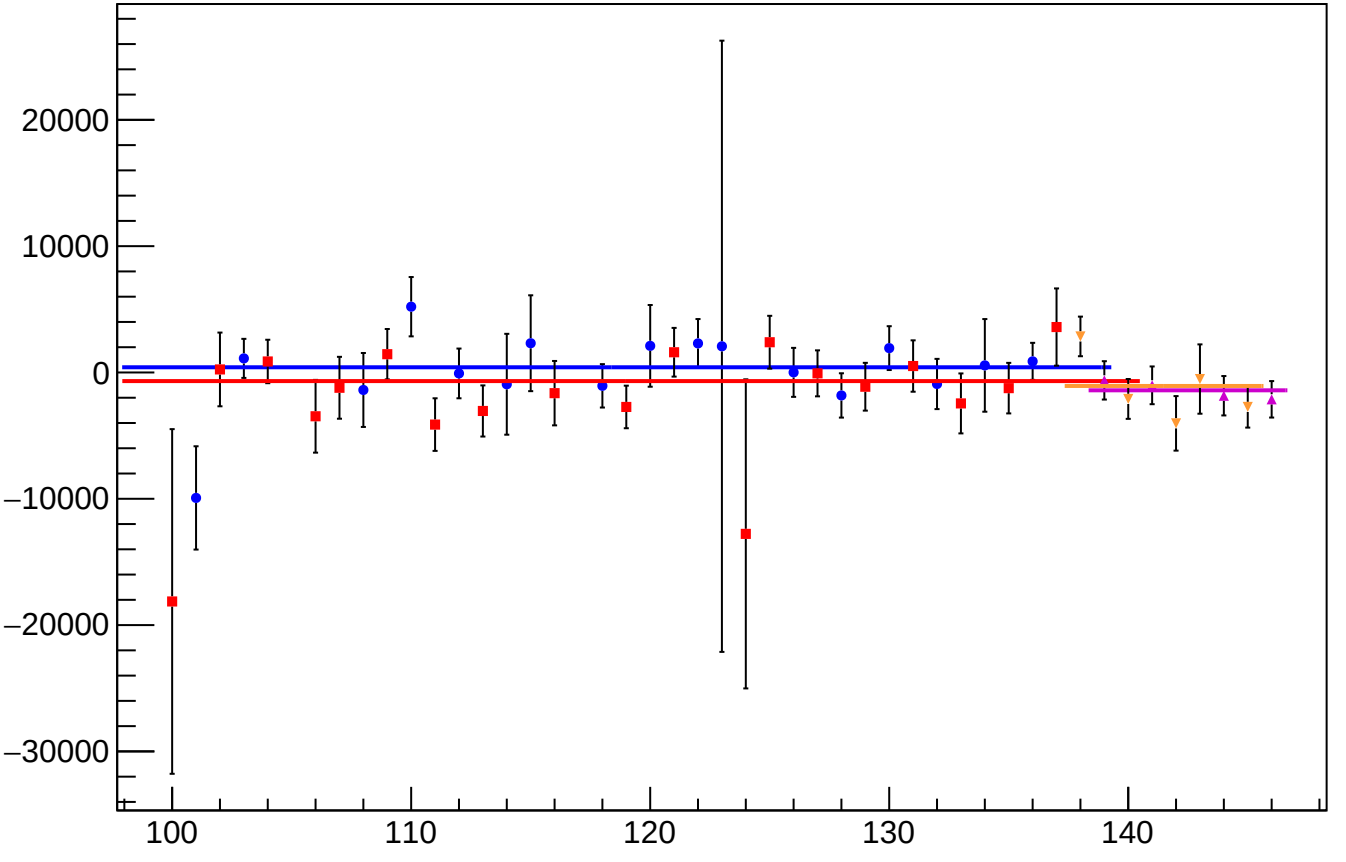
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 3945.908+/-0.893 χ^2/NDF:420153.8/20

Out: 3600.141+/-0.808 χ^2/NDF:760170.0/23

All: 3755.781+/-0.599 χ^2/NDF: 1262798.5/44

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: -1067.730+/-808.688 χ^2/NDF:9.6/4

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

Left In: -1412.760+/-750.962 χ^2/NDF:0.7/3

Left: -1252.998+/-550.287 χ^2/NDF: 10.4/8

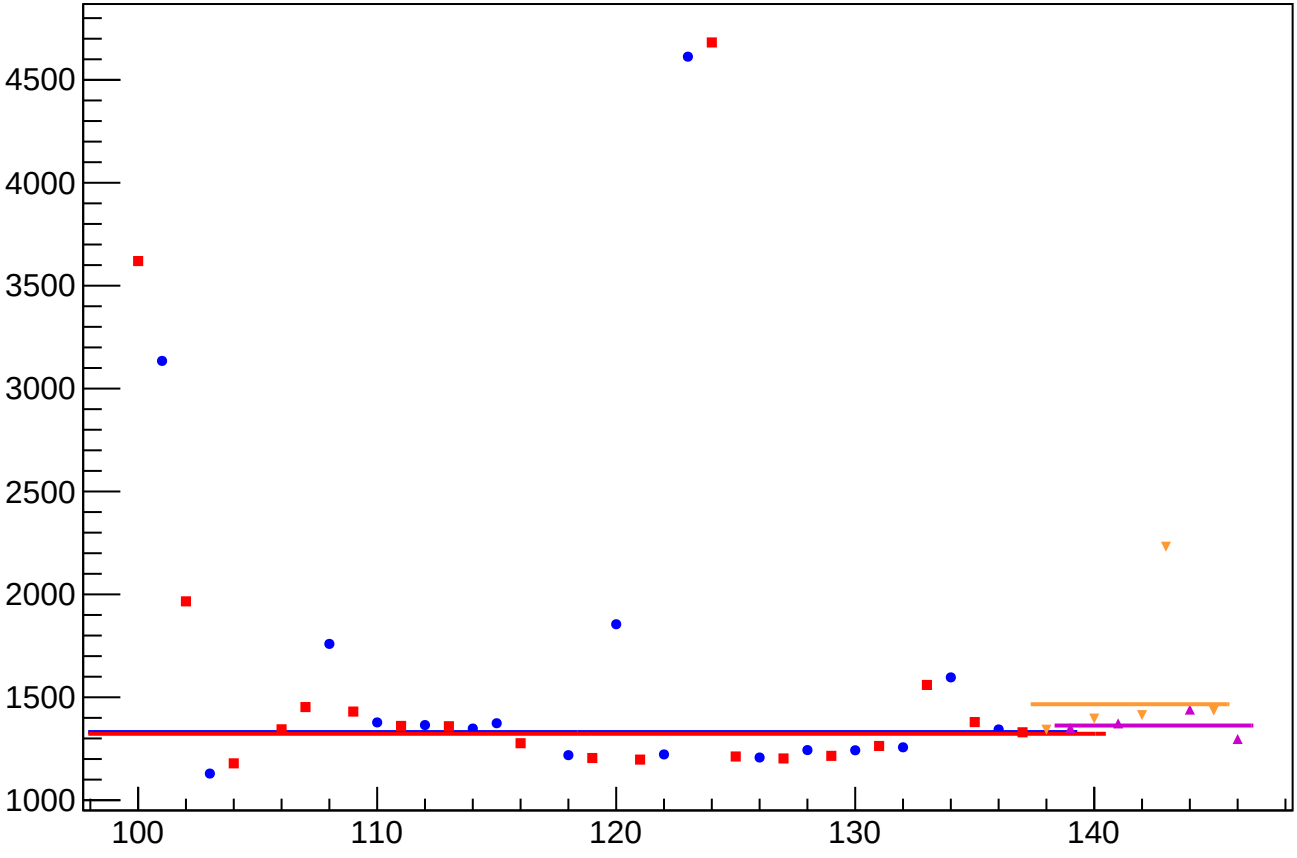
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: -192.010+/-431.914 χ^2/NDF:21.1/20

Out: -791.946+/-431.499 χ^2/NDF:27.8/23

All: -492.266+/-305.262 χ^2/NDF: 49.9/44

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: 1466.332+/-0.572 χ^2/NDF:173859.4/4

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

Left In: 1362.727+/-0.531 χ^2/NDF:9270.9/3

Left: 1410.700+/-0.389 χ^2/NDF: 200757.0/8

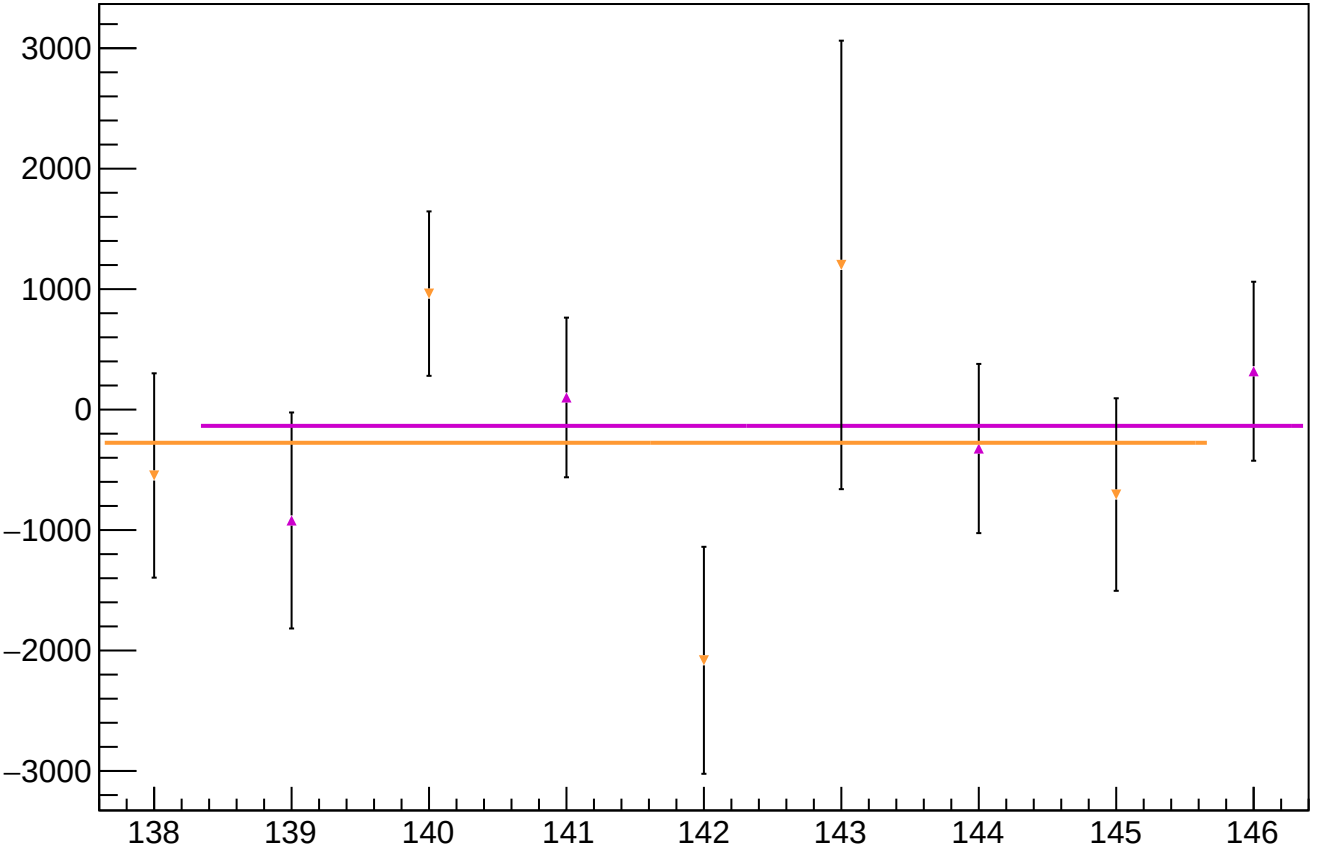
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1341.421+/-0.305 χ^2/NDF:615151.0/20

Out: 1363.597+/-0.305 χ^2/NDF:613398.6/23

All: 1352.520+/-0.216 χ^2/NDF: 1231188.2/44

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: -275.537+/-391.709 χ^2/NDF:8.0/4

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

Left In: -135.075+/-368.601 χ^2/NDF:1.3/3

Left: -201.041+/-268.438 χ^2/NDF: 9.4/8

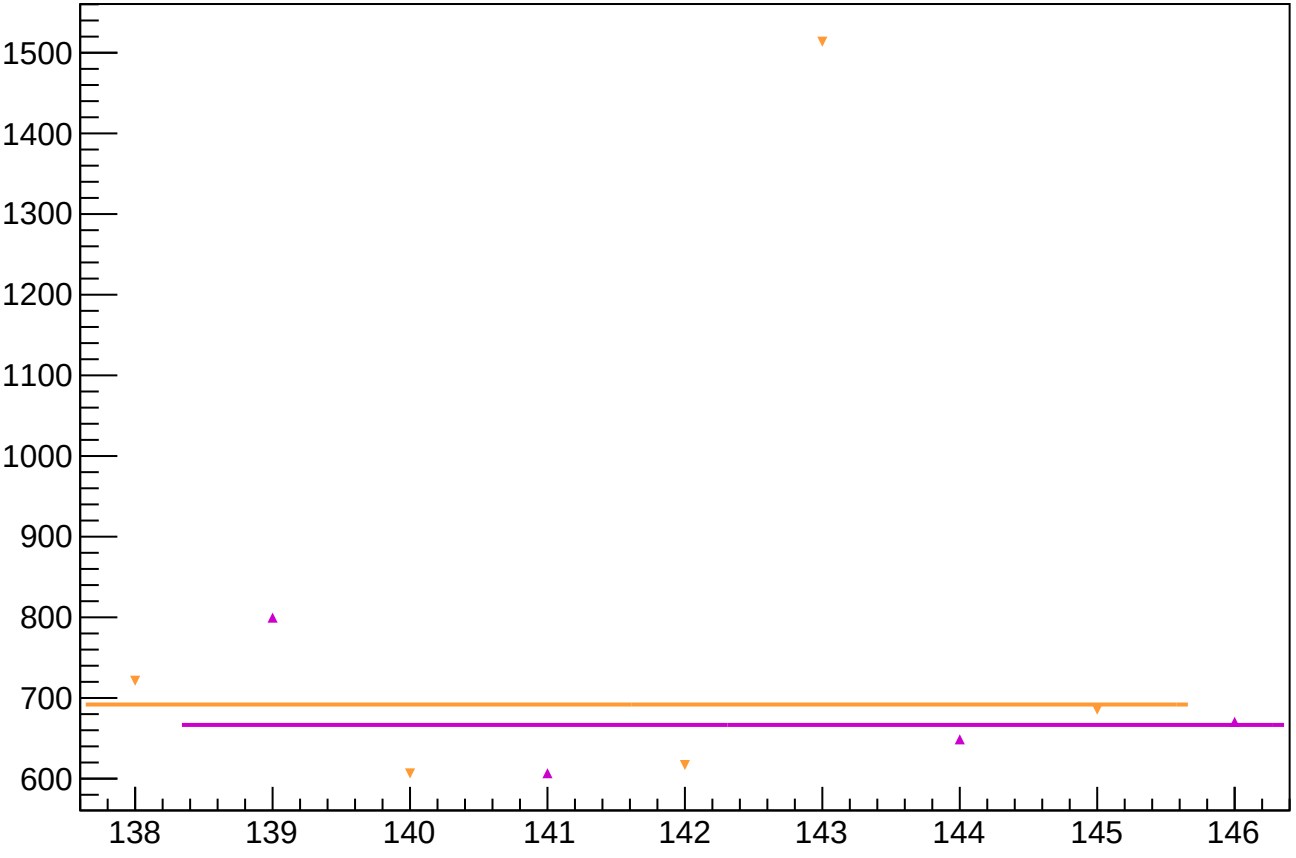
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -135.075+/-368.601 χ^2/NDF:1.3/3

Out: -275.537+/-391.709 χ^2/NDF:8.0/4

All: -201.041+/-268.438 χ^2/NDF: 9.4/8

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: 691.907+/-0.277 χ^2/NDF:436273.5/4

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

Left In: 666.597+/-0.261 χ^2/NDF:61692.9/3

Left: 678.483+/-0.190 χ^2/NDF: 502395.1/8

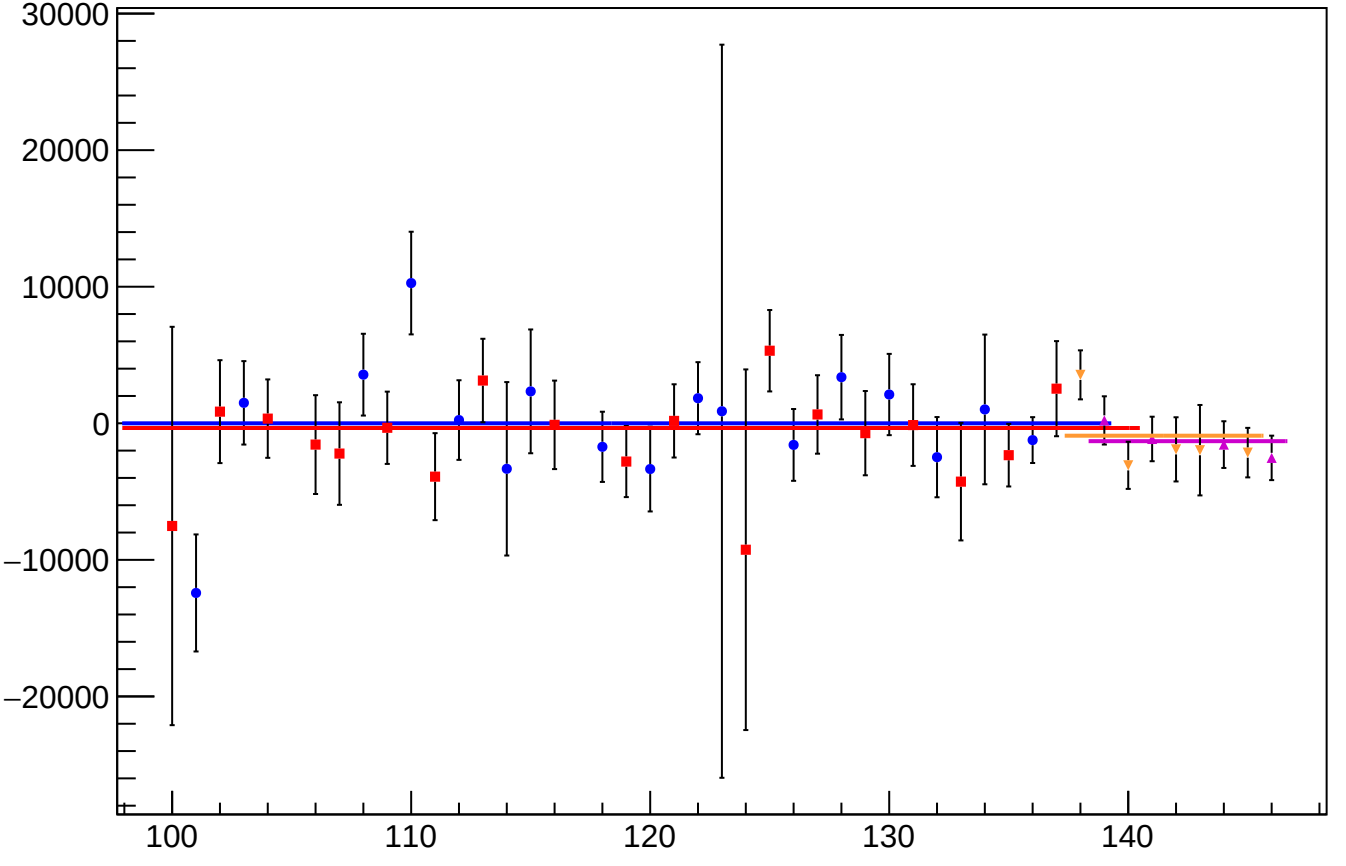
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 666.597+/-0.261 χ^2/NDF:61692.9/3

Out: 691.907+/-0.277 χ^2/NDF:436273.5/4

All: 678.483+/-0.190 χ^2/NDF: 502395.1/8

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: -908.226+/-904.437 χ^2/NDF:8.5/4

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

Left In: -1309.224+/-840.274 χ^2/NDF:1.3/3

Left: -1123.452+/-615.598 χ^2/NDF: 9.9/8

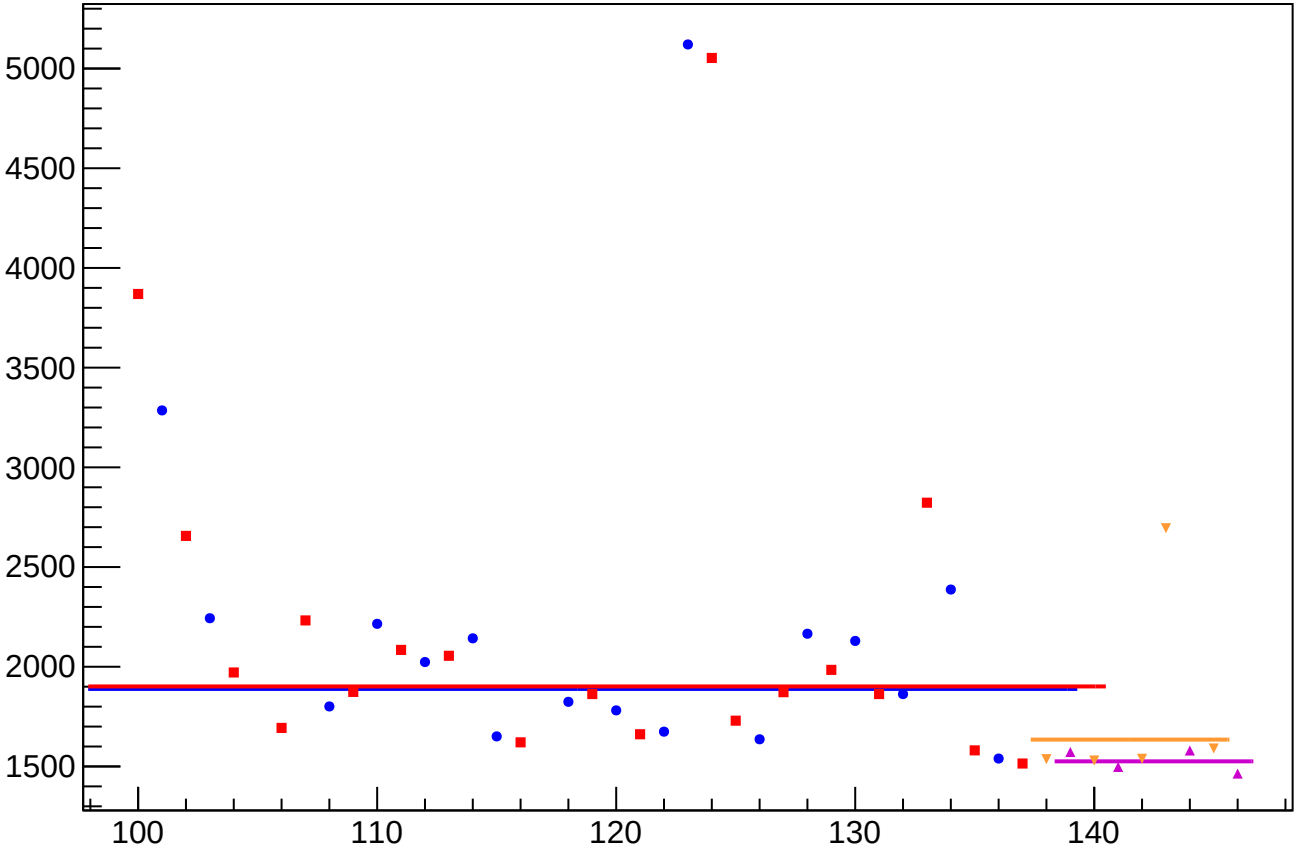
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -577.498+/-557.474 χ^2/NDF:26.2/20

Out: -568.638+/-569.801 χ^2/NDF:19.4/23

All: -573.165+/-398.481 χ^2/NDF: 45.6/44

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: 1634.717+/-0.640 χ^2/NDF:222913.8/4

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

Left In: 1525.662+/-0.594 χ^2/NDF:6863.4/3

Left: 1576.184+/-0.435 χ^2/NDF: 245384.3/8

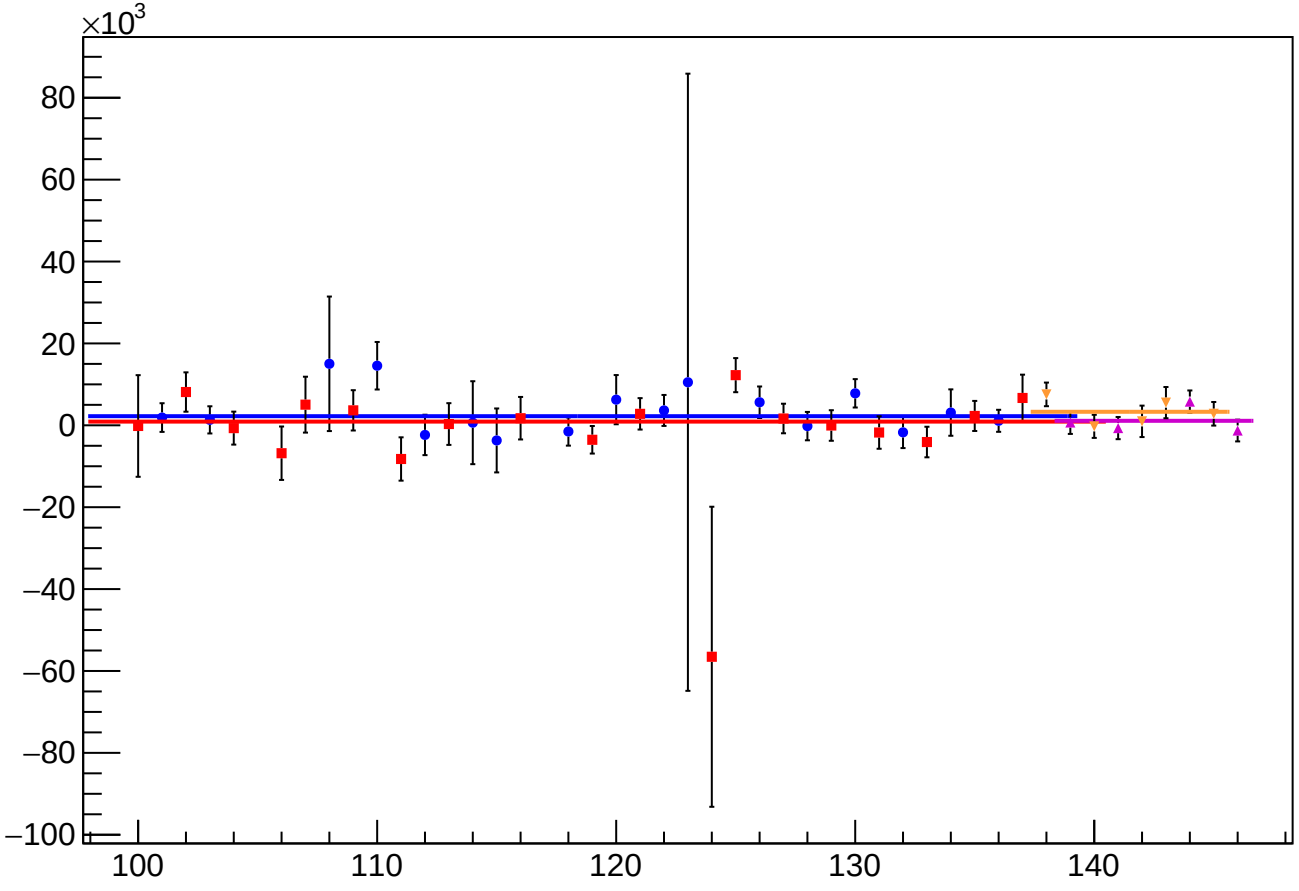
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1728.969+/-0.394 χ^2/NDF:681840.5/20

Out: 1795.461+/-0.403 χ^2/NDF:789088.9/23

All: 1761.488+/-0.282 χ^2/NDF: 1484844.8/44

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 3303.664+/-1410.039 χ^2/NDF:4.5/4

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

Left In: 1097.504+/-1359.869 χ^2/NDF:4.2/3

Left: 2160.638+/-978.828 χ^2/NDF: 10.0/8

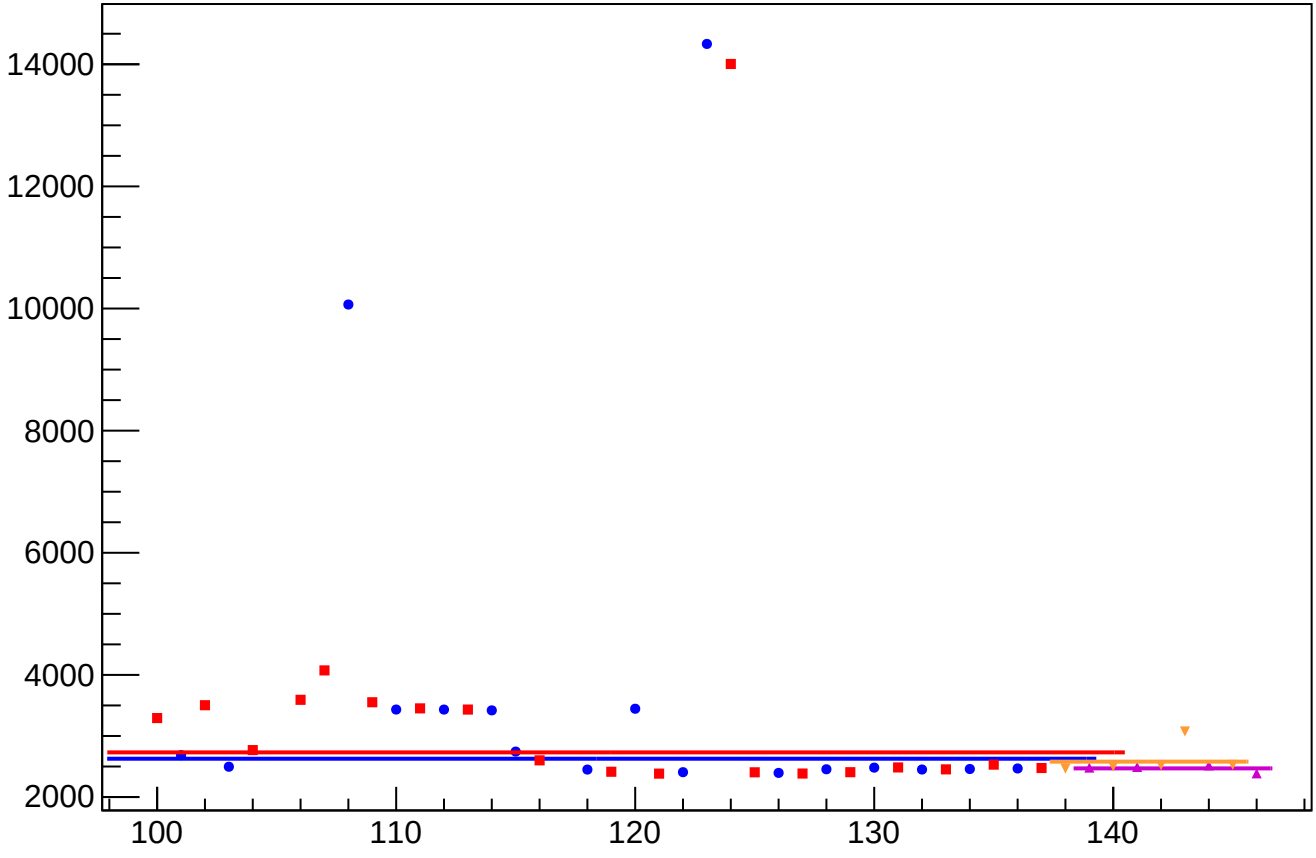
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1810.857+/-825.746 χ^2/NDF:18.2/20

Out: 1759.191+/-840.540 χ^2/NDF:29.3/23

All: 1785.483+/-589.051 χ^2/NDF: 47.5/44

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2579.669+/-0.997 χ^2/NDF:39407.7/4

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

Left In: 2469.232+/-0.962 χ^2/NDF:2701.8/3

Left: 2522.451+/-0.692 χ^2/NDF: 48466.0/8

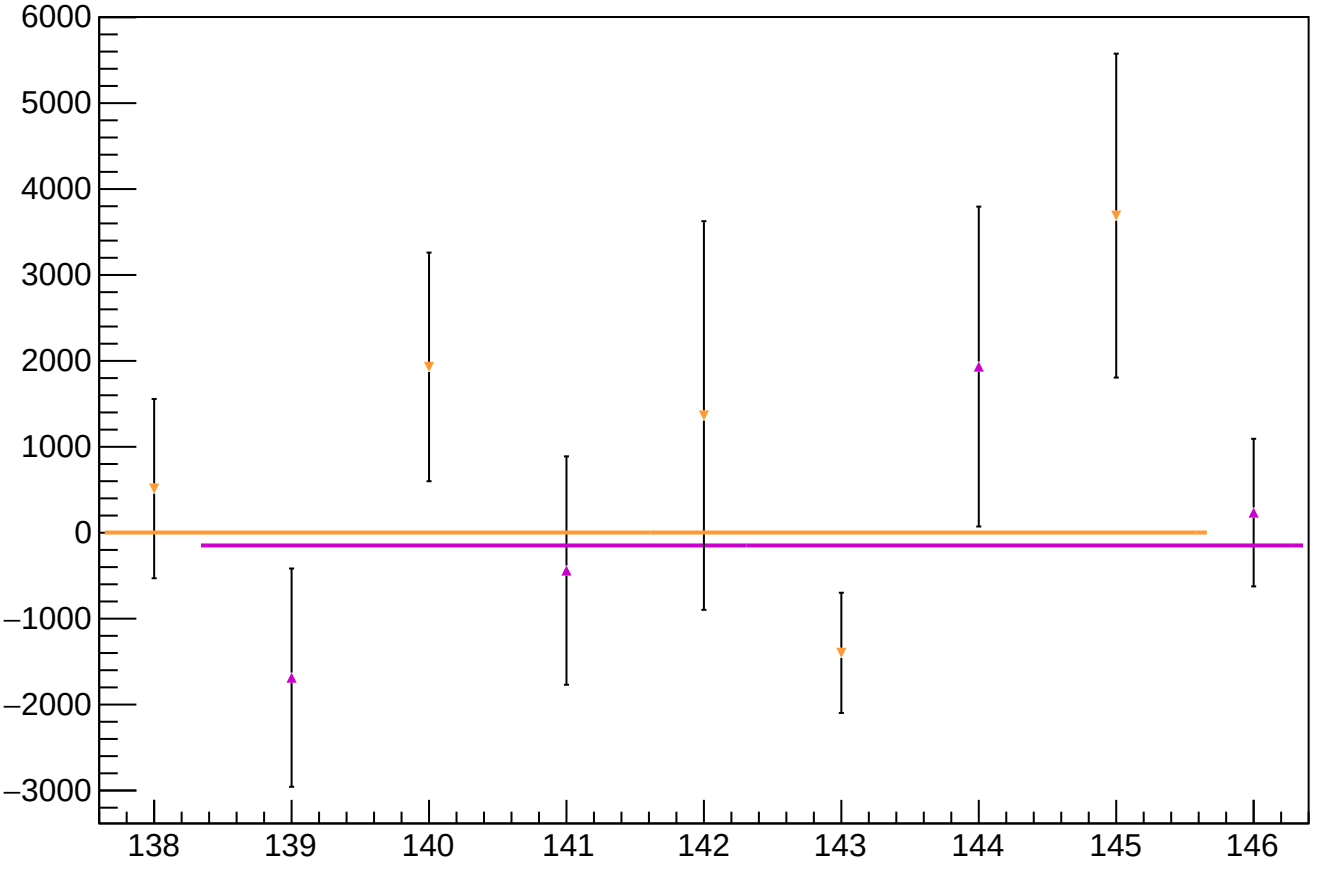
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2569.187+/-0.584 χ^2/NDF:664215.5/20

Out: 2677.399+/-0.594 χ^2/NDF:652519.0/23

All: 2622.333+/-0.417 χ^2/NDF: 1333603.1/44

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 2.578+/-499.745 χ^2/NDF:10.5/4

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

Left In: -147.889+/-594.499 χ^2/NDF:3.0/3

Left: -59.723+/-382.541 χ^2/NDF: 13.5/8

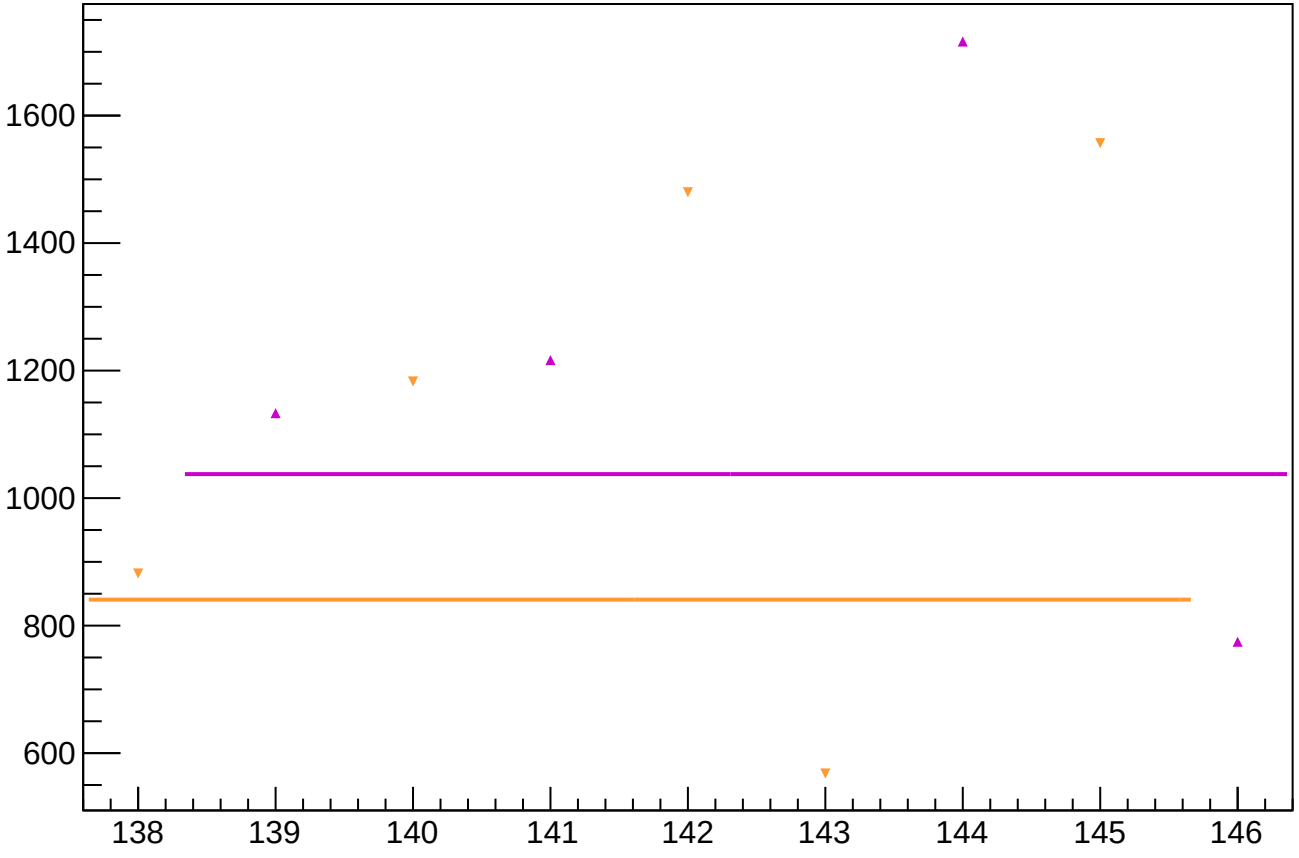
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -147.889+/-594.499 χ^2/NDF:3.0/3

Out: 2.578+/-499.745 χ^2/NDF:10.5/4

All: -59.723+/-382.541 χ^2/NDF: 13.5/8

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 840.767+/-0.353 χ^2/NDF:887409.3/4

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

Left In: 1037.653+/-0.420 χ^2/NDF:500639.6/3

Left: 922.288+/-0.270 χ^2/NDF: 1516582.8/8

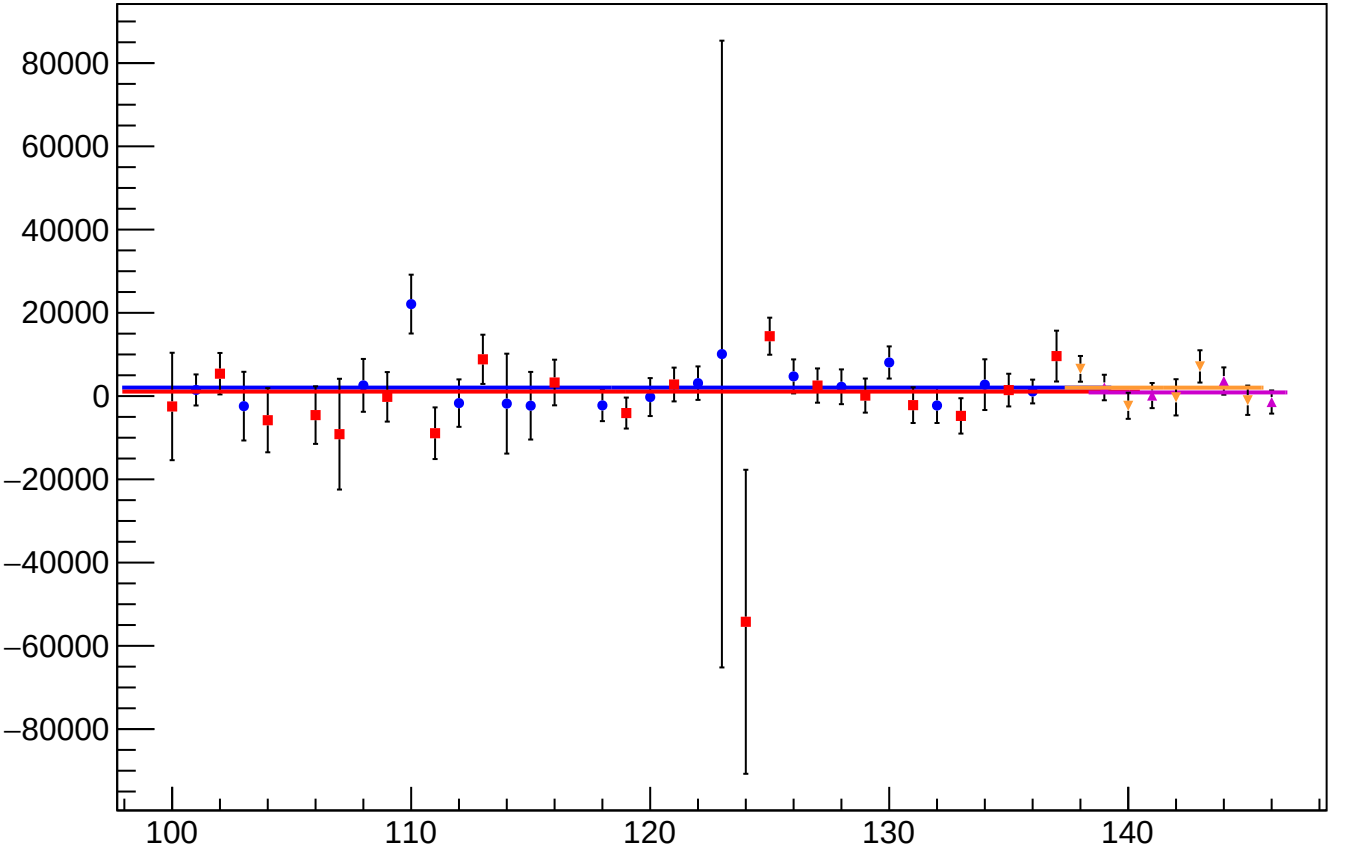
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1037.653+/-0.420 χ^2/NDF:500639.6/3

Out: 840.767+/-0.353 χ^2/NDF:887409.3/4

All: 922.288+/-0.270 χ^2/NDF: 1516582.8/8

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 2028.872+/-1569.143 χ^2/NDF:6.8/4

Right Out: 1080.125+/-1186.666 χ^2/NDF: 25.3/18

Left In: 878.778+/-1510.692 χ^2/NDF:1.6/3

Left: 1432.005+/-1088.298 χ^2/NDF: 8.7/8

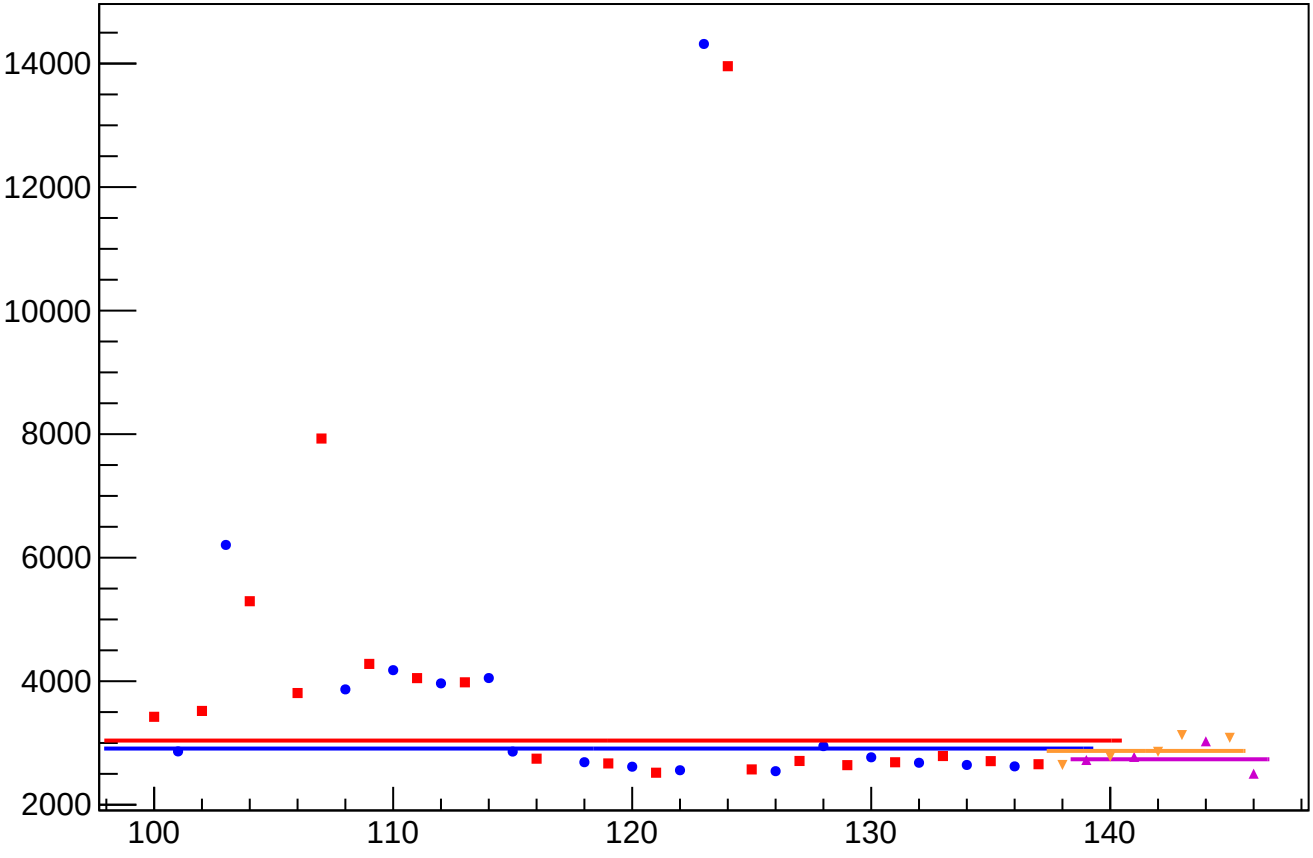
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1611.912+/-915.754 χ^2/NDF:16.8/20

Out: 1425.311+/-946.485 χ^2/NDF:32.4/23

All: 1521.690+/-658.132 χ^2/NDF: 49.2/44

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF: 641894.7/16

Left Out: 2871.480+/-1.110 χ^2/NDF:28610.2/4

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2736.155+/-1.068 χ^2/NDF:30175.5/3

Left: 2801.250+/-0.770 χ^2/NDF: 66505.3/8

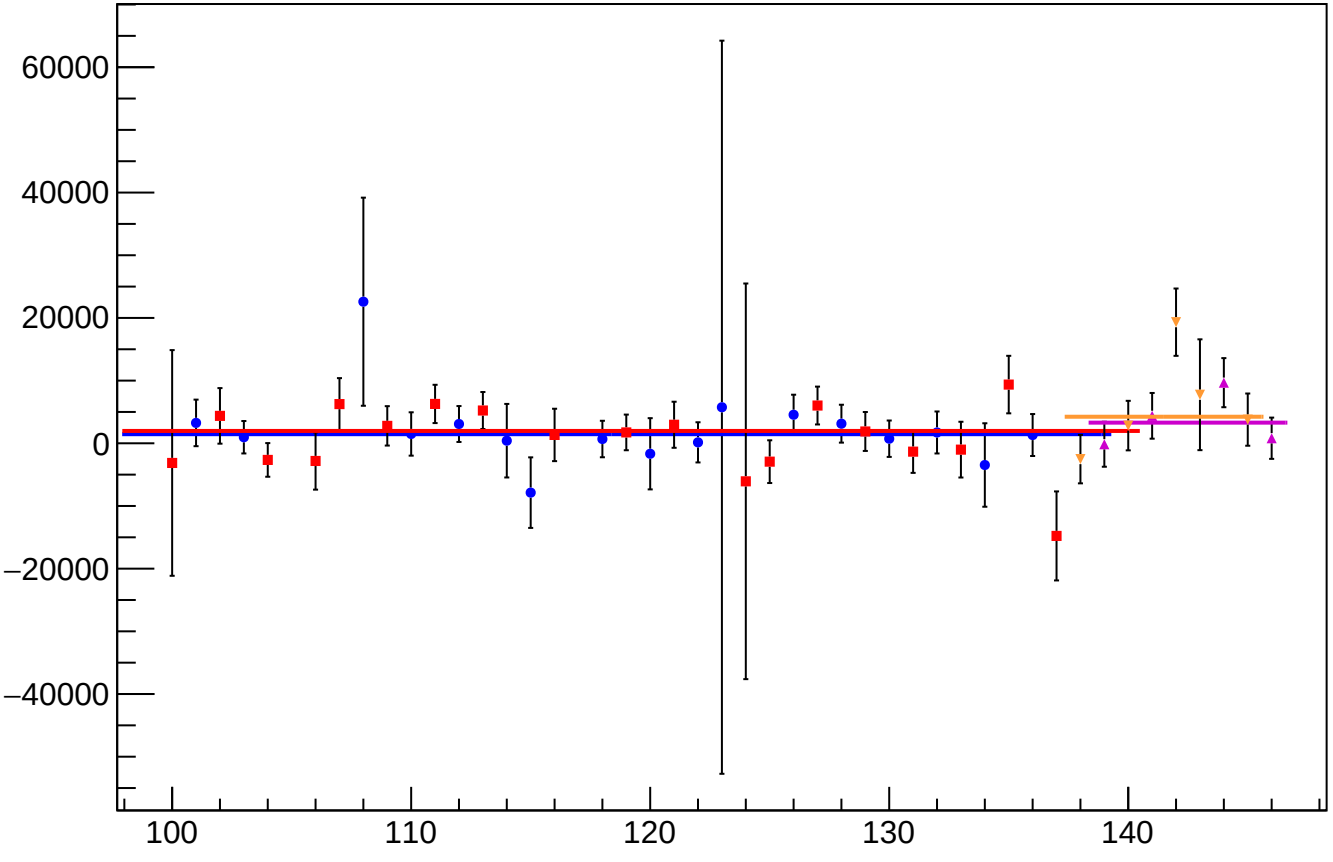
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2845.950+/-0.648 χ^2/NDF:688771.6/20

Out: 2978.125+/-0.669 χ^2/NDF:1054438.6/23

All: 2909.857+/-0.465 χ^2/NDF: 1763355.3/44

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 4236.647+/-2058.870 χ^2/NDF:11.2/4

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 3294.352+/-1795.184 χ^2/NDF:4.2/3

Left: 3701.330+/-1353.072 χ^2/NDF: 15.6/8

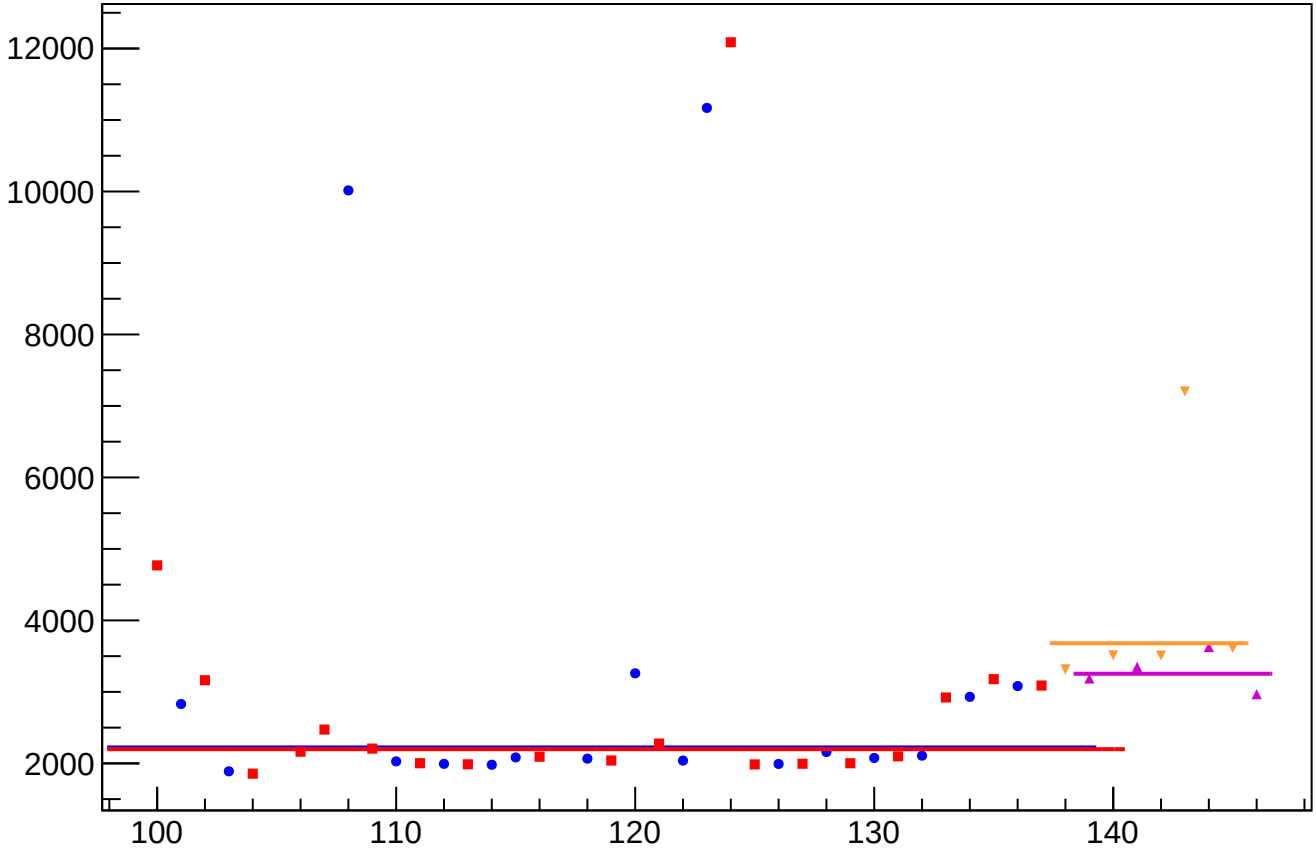
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 1814.822+/-796.671 χ^2/NDF:12.5/20

Out: 2299.702+/-786.064 χ^2/NDF:34.7/23

All: 2060.511+/-559.544 χ^2/NDF: 47.3/44

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3680.518+/-1.456 χ^2/NDF:341632.4/4

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3253.797+/-1.269 χ^2/NDF:35467.1/3

Left: 3438.099+/-0.957 χ^2/NDF: 425906.7/8

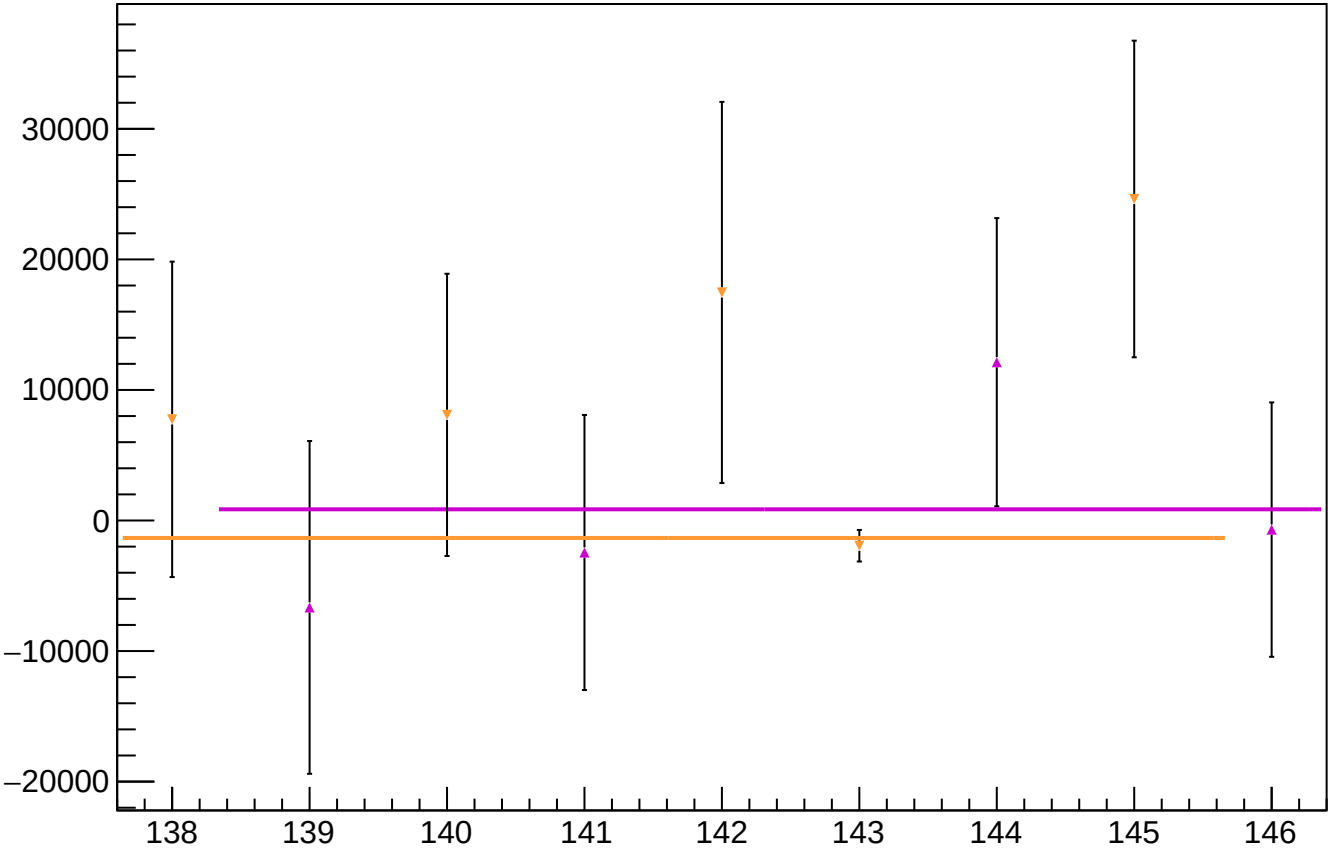
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2426.114+/-0.563 χ^2/NDF:1415168.8/20

Out: 2414.483+/-0.555 χ^2/NDF:1829156.5/23

All: 2420.217+/-0.396 χ^2/NDF: 3244541.4/44

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1336.724+/-1185.597 χ^2/NDF:7.8/4

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

Left In: 857.085+/-5431.136 χ^2/NDF:1.5/3

Left: -1236.937+/-1158.320 χ^2/NDF: 9.5/8

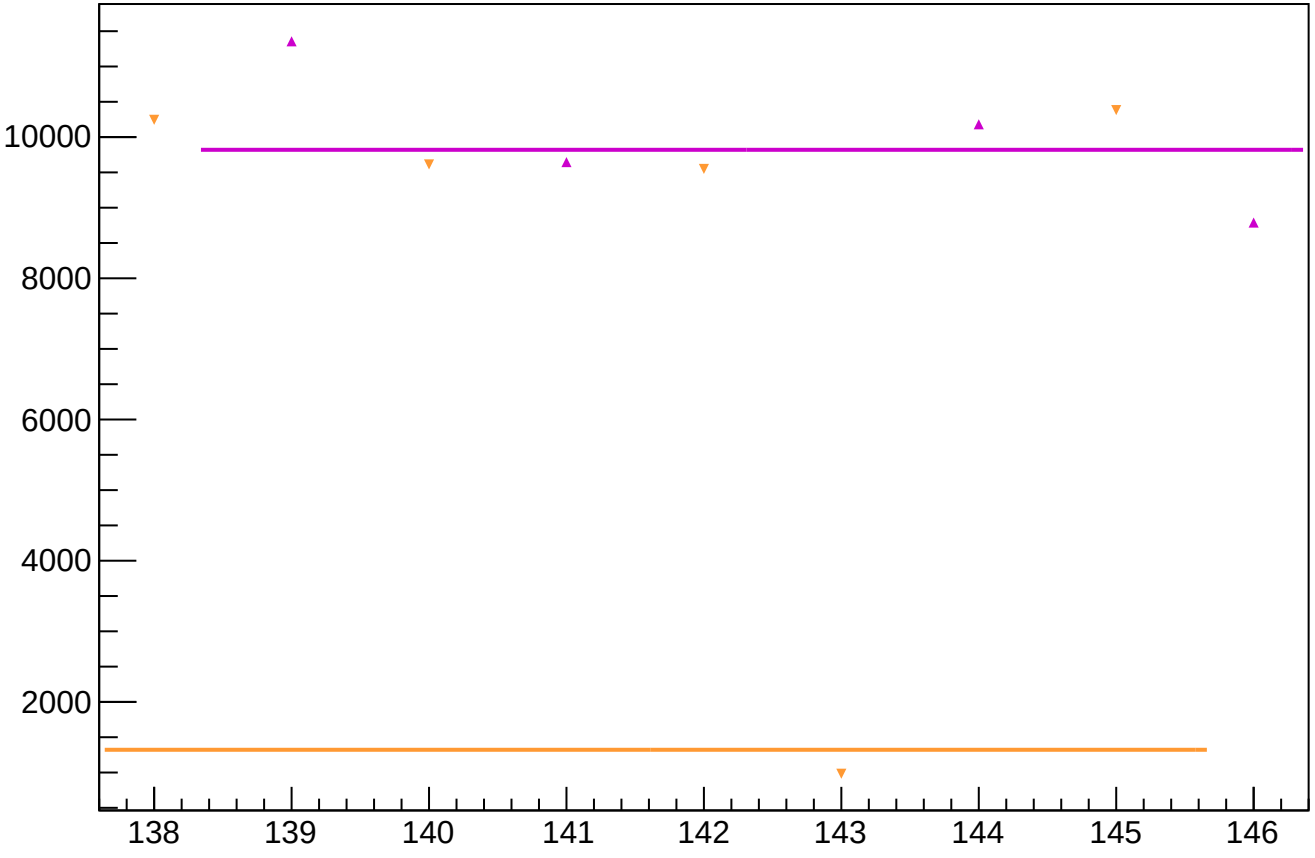
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 857.085+/-5431.136 χ^2/NDF:1.5/3

Out: -1336.724+/-1185.597 χ^2/NDF:7.8/4

All: -1236.937+/-1158.320 χ^2/NDF: 9.5/8

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1322.181+/-0.838 χ^2/NDF:4176671.3/4

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

Left In: 9820.104+/-3.840 χ^2/NDF:54136.8/3

Left: 1708.716+/-0.819 χ^2/NDF: 8904463.7/8

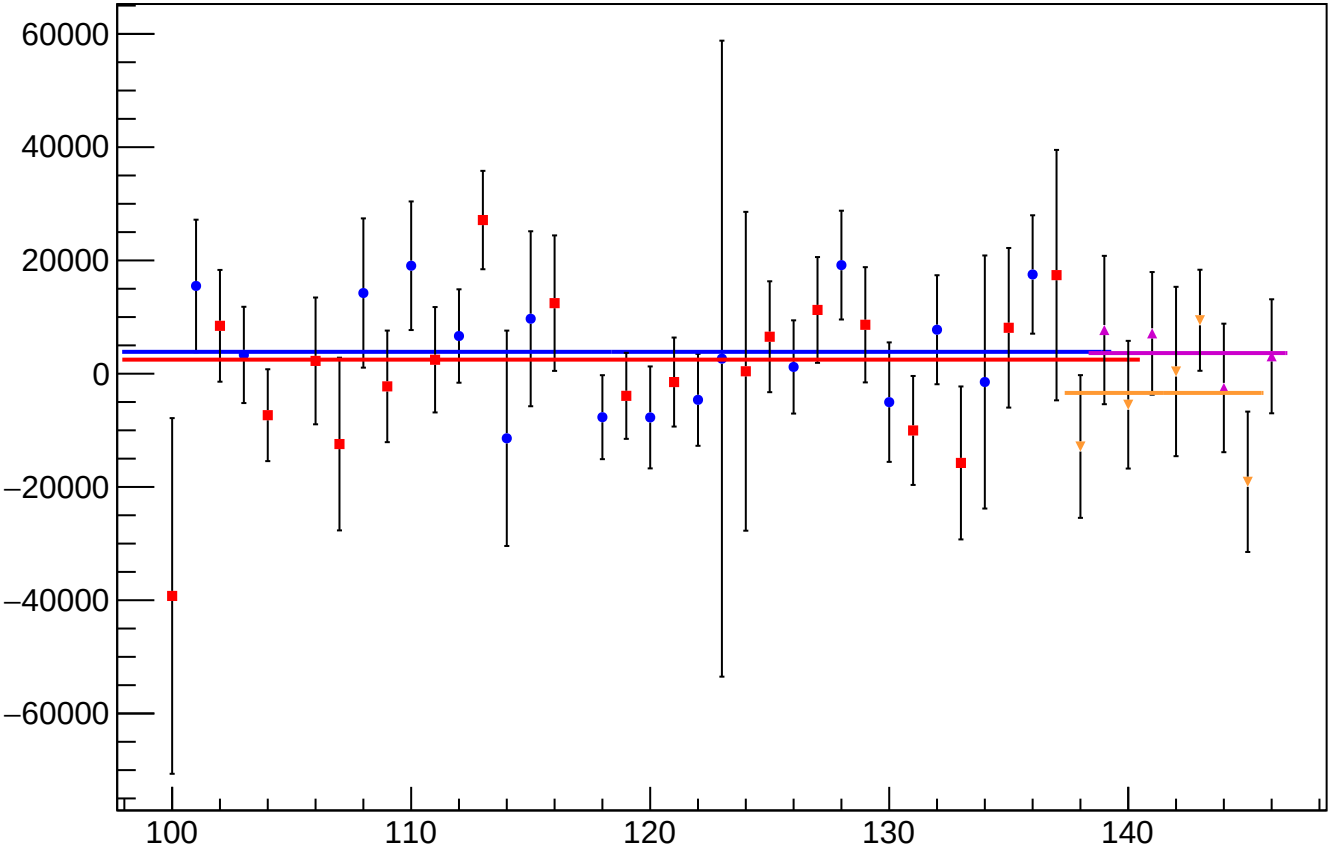
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9820.104+/-3.840 χ^2/NDF:54136.8/3

Out: 1322.181+/-0.838 χ^2/NDF:4176671.3/4

All: 1708.716+/-0.819 χ^2/NDF: 8904463.7/8

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: -3394.548+/-5149.590 χ^2/NDF:4.3/4

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 3642.005+/-5590.813 χ^2/NDF:0.5/3

Left: -164.851+/-3787.703 χ^2/NDF: 5.7/8

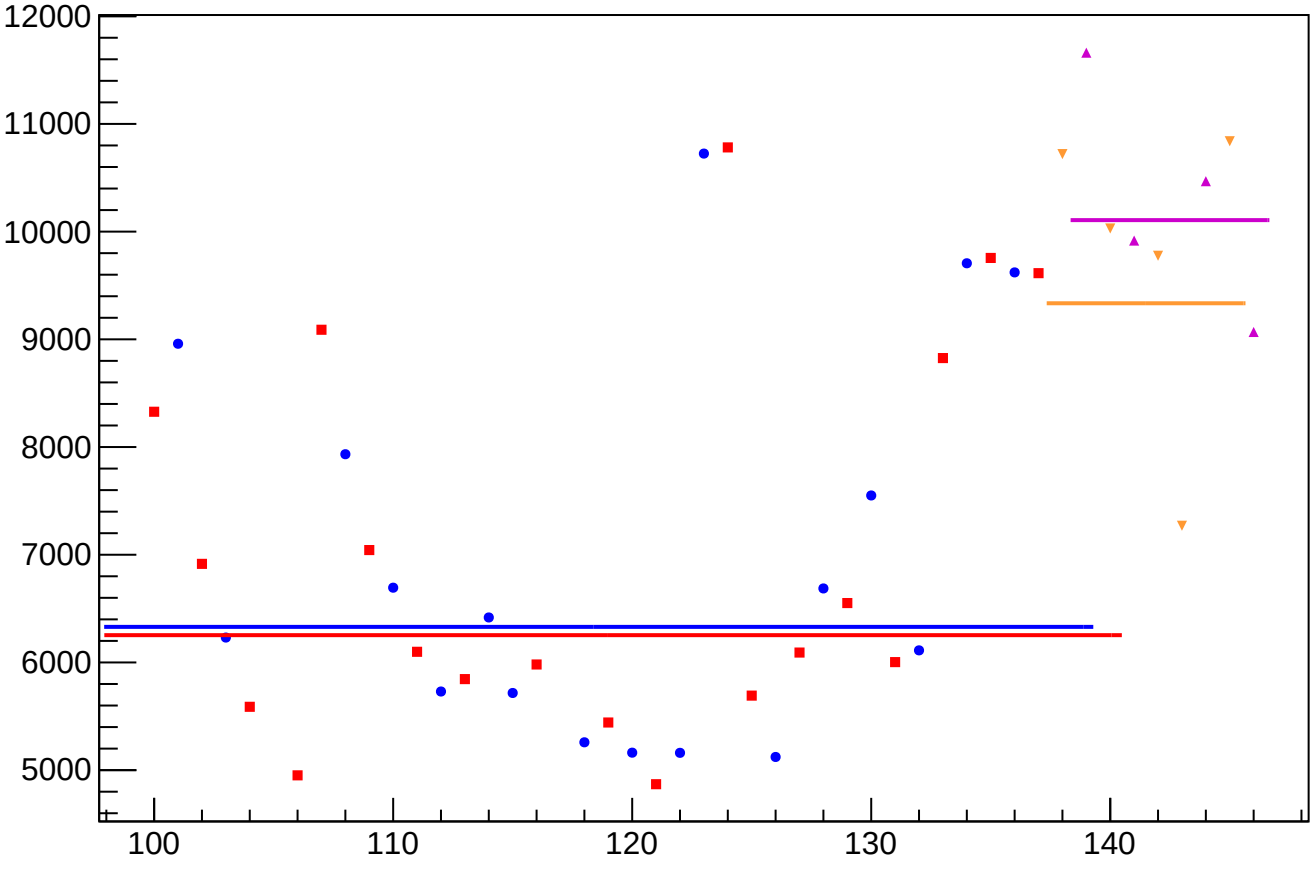
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 3823.350+/-2288.897 χ^2/NDF:15.3/20

Out: 1418.780+/-2191.178 χ^2/NDF:25.4/23

All: 2568.642+/-1582.816 χ^2/NDF: 41.3/44

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 9334.787+/-3.641 χ^2/NDF:170153.8/4

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10106.781+/-3.953 χ^2/NDF:52102.7/3

Left: 9689.123+/-2.678 χ^2/NDF: 242887.2/8

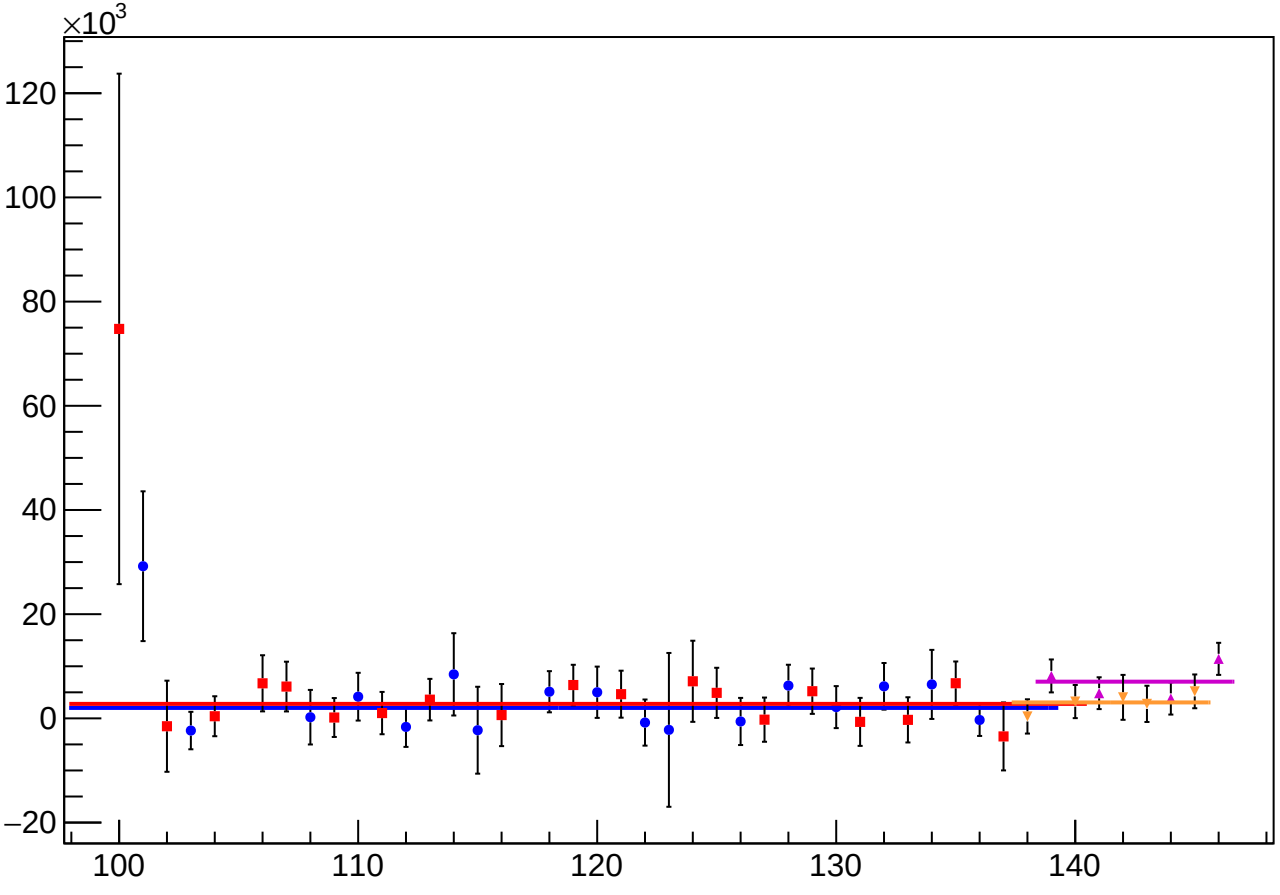
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 6963.267+/-1.618 χ^2/NDF:1405096.2/20

Out: 6811.201+/-1.549 χ^2/NDF:1291996.7/23

All: 6883.916+/-1.119 χ^2/NDF: 2701699.3/44

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 3058.937+/-1537.883 χ^2/NDF:1.2/4

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 7044.906+/-1548.510 χ^2/NDF:3.8/3

Left: 5038.197+/-1091.186 χ^2/NDF: 8.2/8

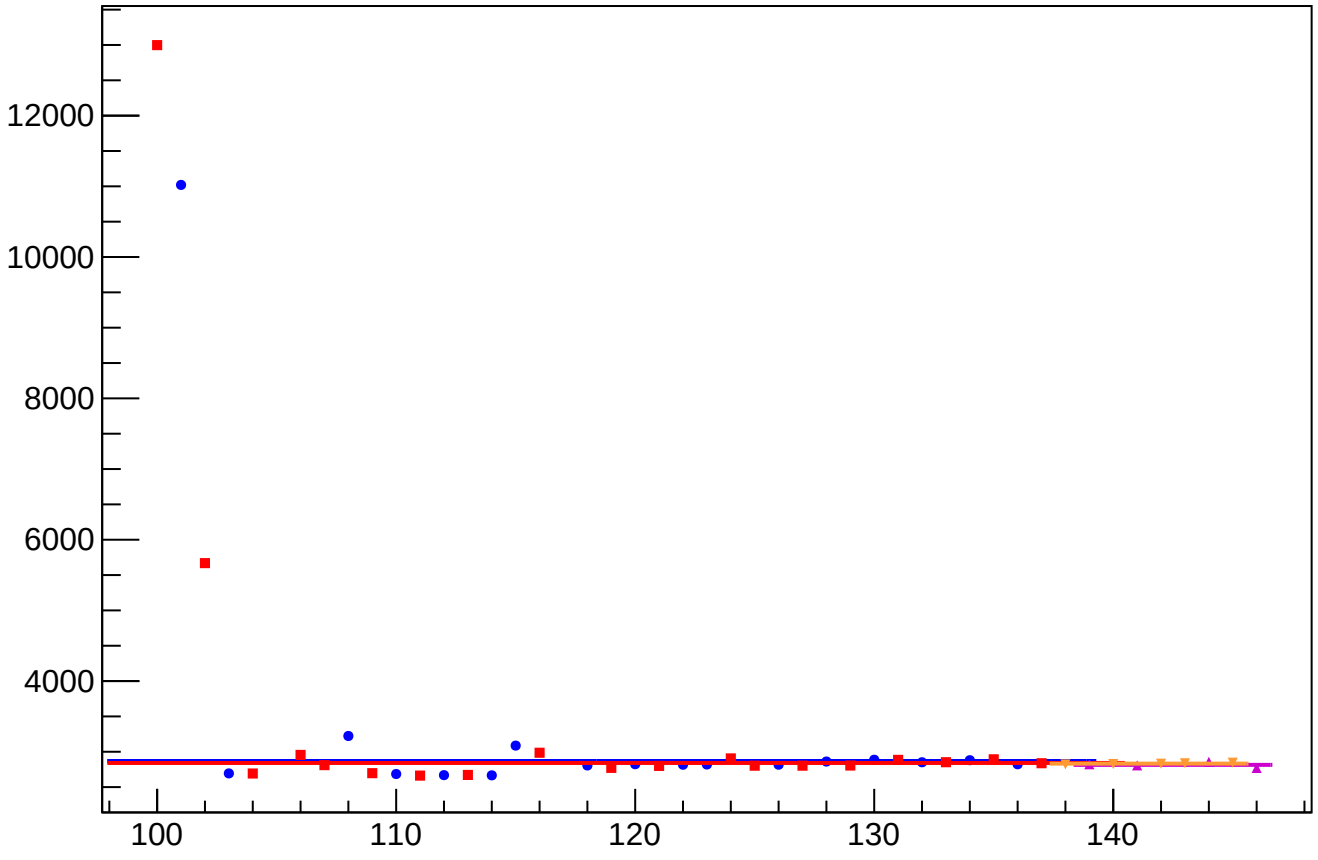
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 3765.065+/-915.032 χ^2/NDF:22.7/20

Out: 2873.504+/-887.198 χ^2/NDF:11.1/23

All: 3305.518+/-636.957 χ^2/NDF: 34.3/44

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2832.107+/-1.087 χ^2/NDF:65.2/4

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2814.460+/-1.095 χ^2/NDF:821.5/3

Left: 2823.344+/-0.772 χ^2/NDF: 1017.5/8

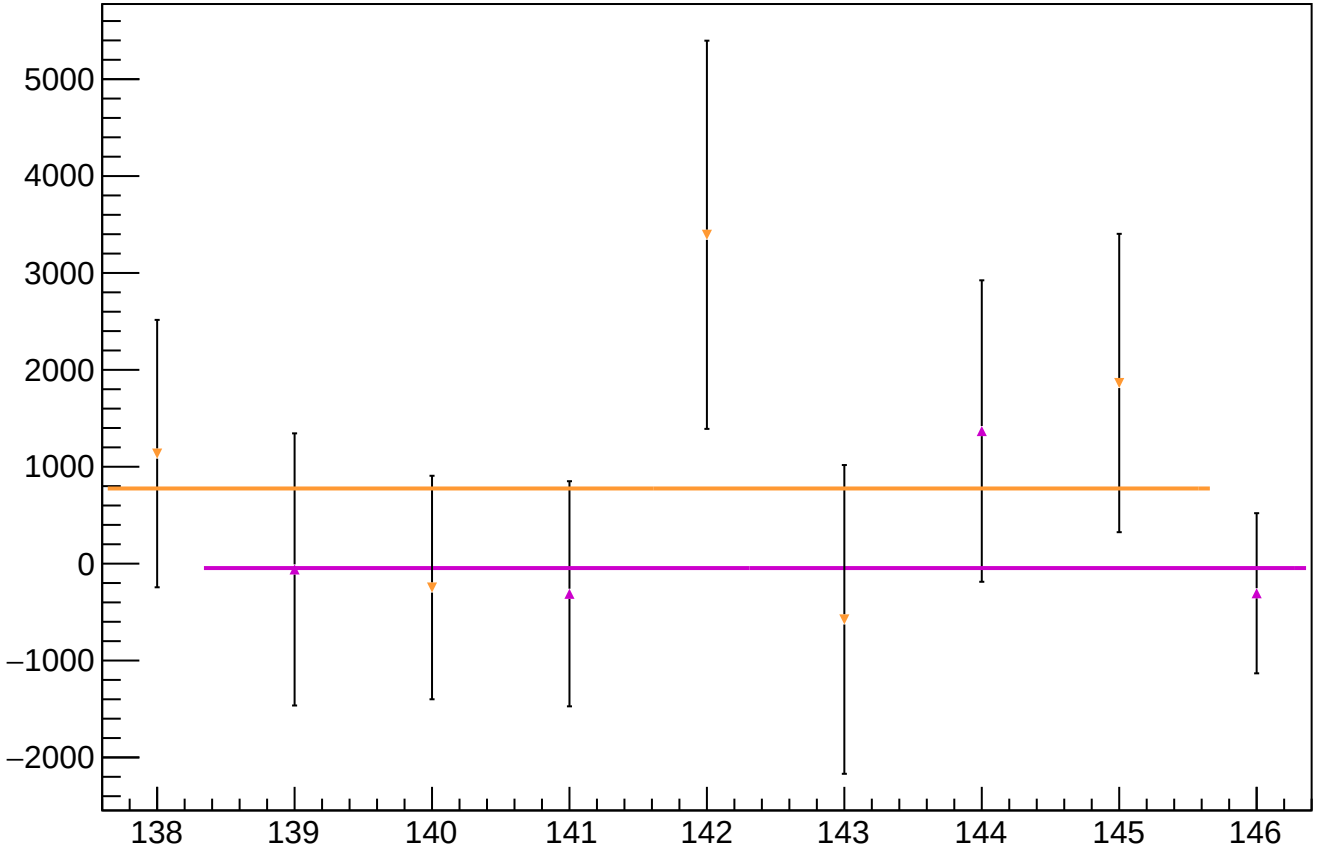
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2850.084+/-0.647 χ^2/NDF:672348.4/20

Out: 2838.415+/-0.627 χ^2/NDF:312638.6/23

All: 2844.069+/-0.450 χ^2/NDF: 985154.7/44

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 775.716+/-653.438 χ^2/NDF:3.8/4

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

Left In: -45.651+/-565.657 χ^2/NDF:1.0/3

Left: 306.195+/-427.673 χ^2/NDF: 5.7/8

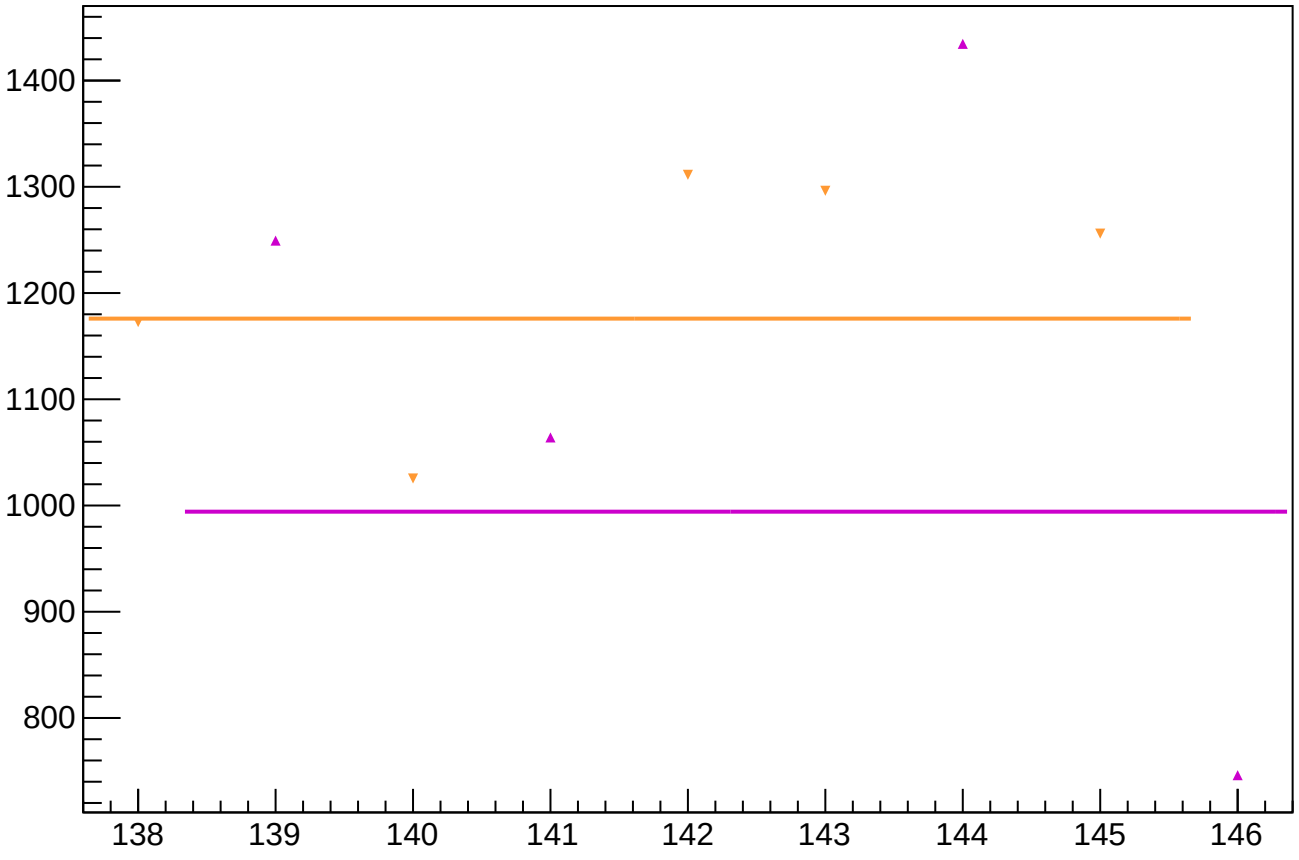
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -45.651+/-565.657 χ^2/NDF:1.0/3

Out: 775.716+/-653.438 χ^2/NDF:3.8/4

All: 306.195+/-427.673 χ^2/NDF: 5.7/8

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 1175.923+/-0.462 χ^2/NDF:60001.9/4

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

Left In: 994.199+/-0.400 χ^2/NDF:413671.0/3

Left: 1072.043+/-0.302 χ^2/NDF: 562096.2/8

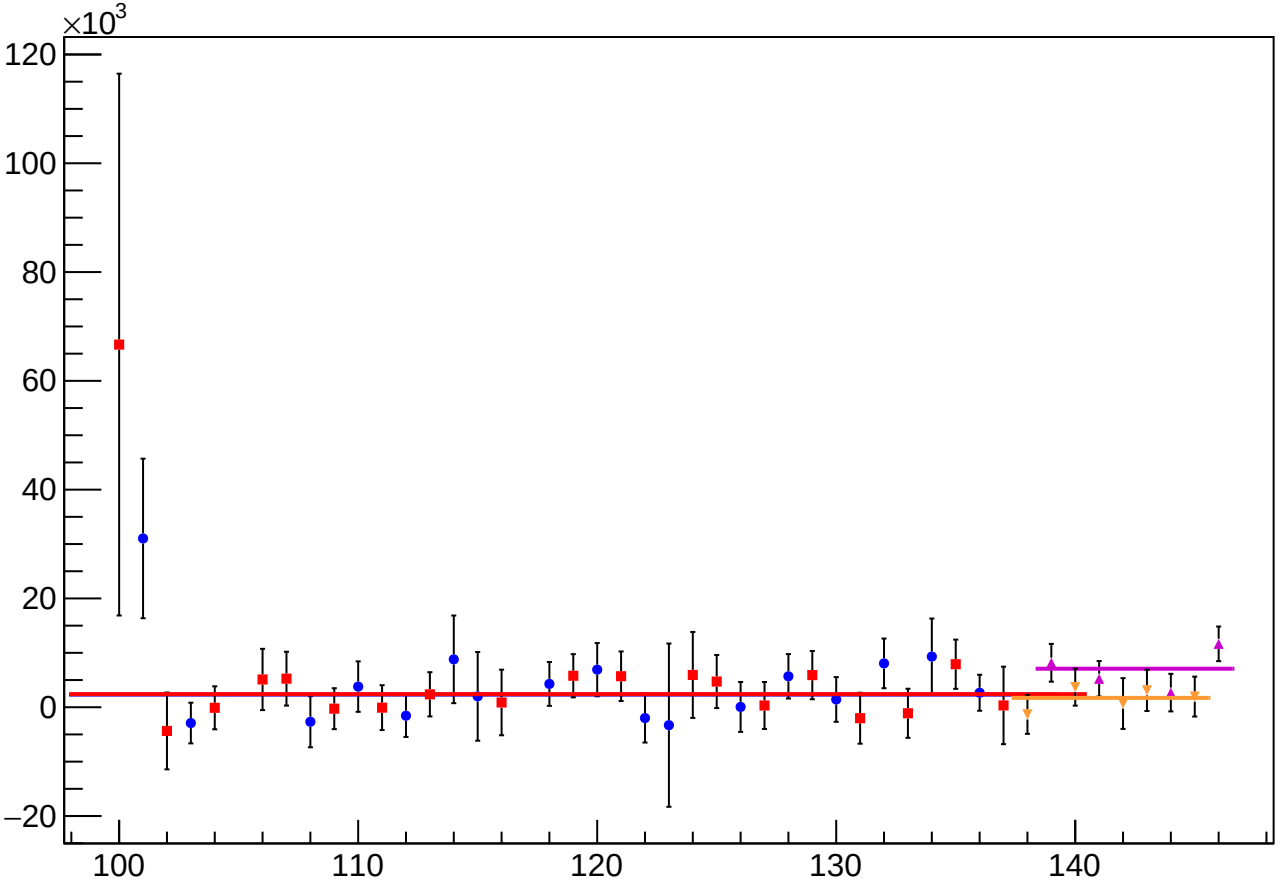
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 994.199+/-0.400 χ^2/NDF:413671.0/3

Out: 1175.923+/-0.462 χ^2/NDF:60001.9/4

All: 1072.043+/-0.302 χ^2/NDF: 562096.2/8

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 1718.852+/-1680.699 χ^2/NDF:1.2/4

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 7080.042+/-1667.042 χ^2/NDF:4.1/3

Left: 4421.317+/-1183.576 χ^2/NDF: 10.5/8

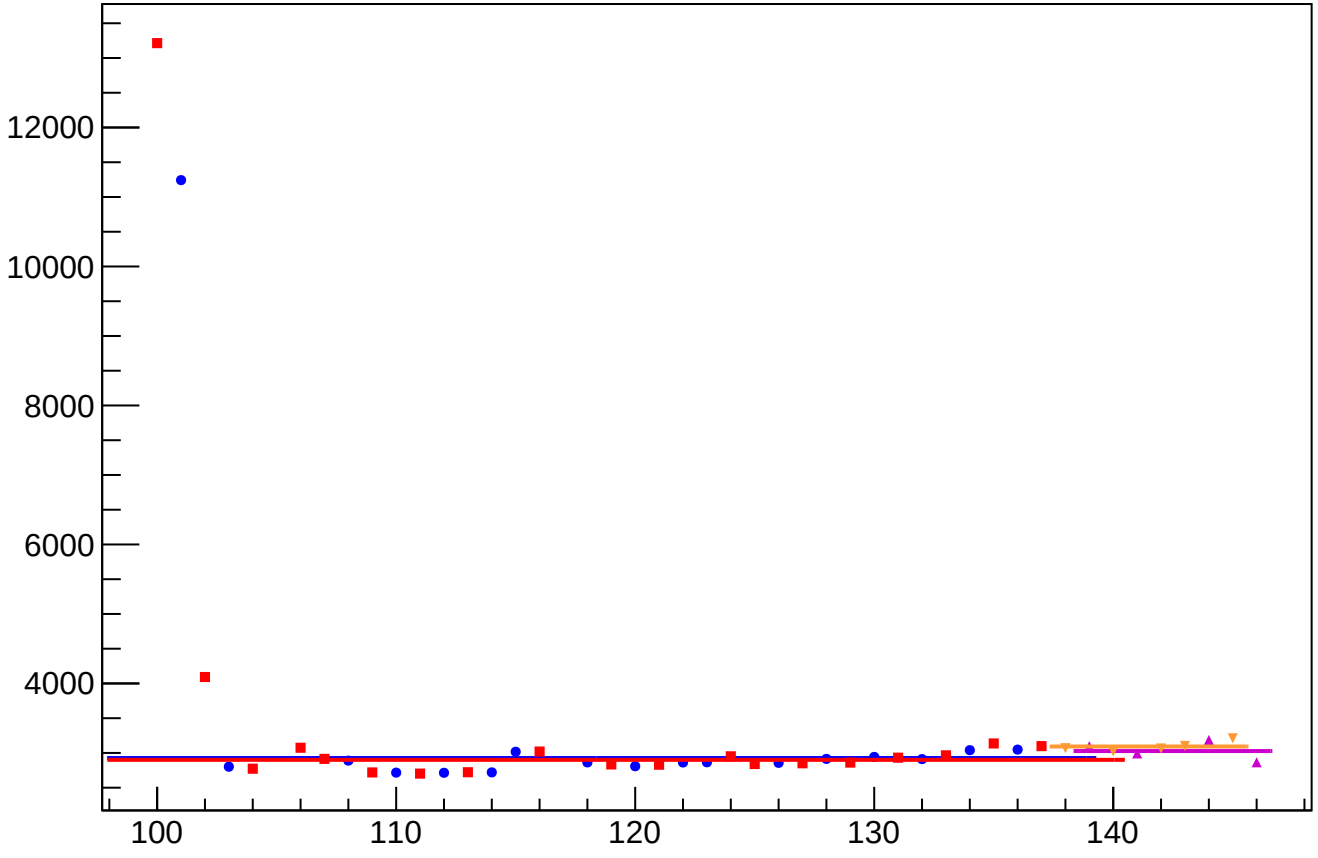
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 3873.516+/-950.256 χ^2/NDF:24.0/20

Out: 2195.716+/-926.283 χ^2/NDF:11.4/23

All: 3013.186+/-663.295 χ^2/NDF: 37.0/44

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 3092.830+/-1.188 χ^2/NDF:3113.8/4

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 3027.275+/-1.179 χ^2/NDF:10441.0/3

Left: 3059.785+/-0.837 χ^2/NDF: 15088.6/8

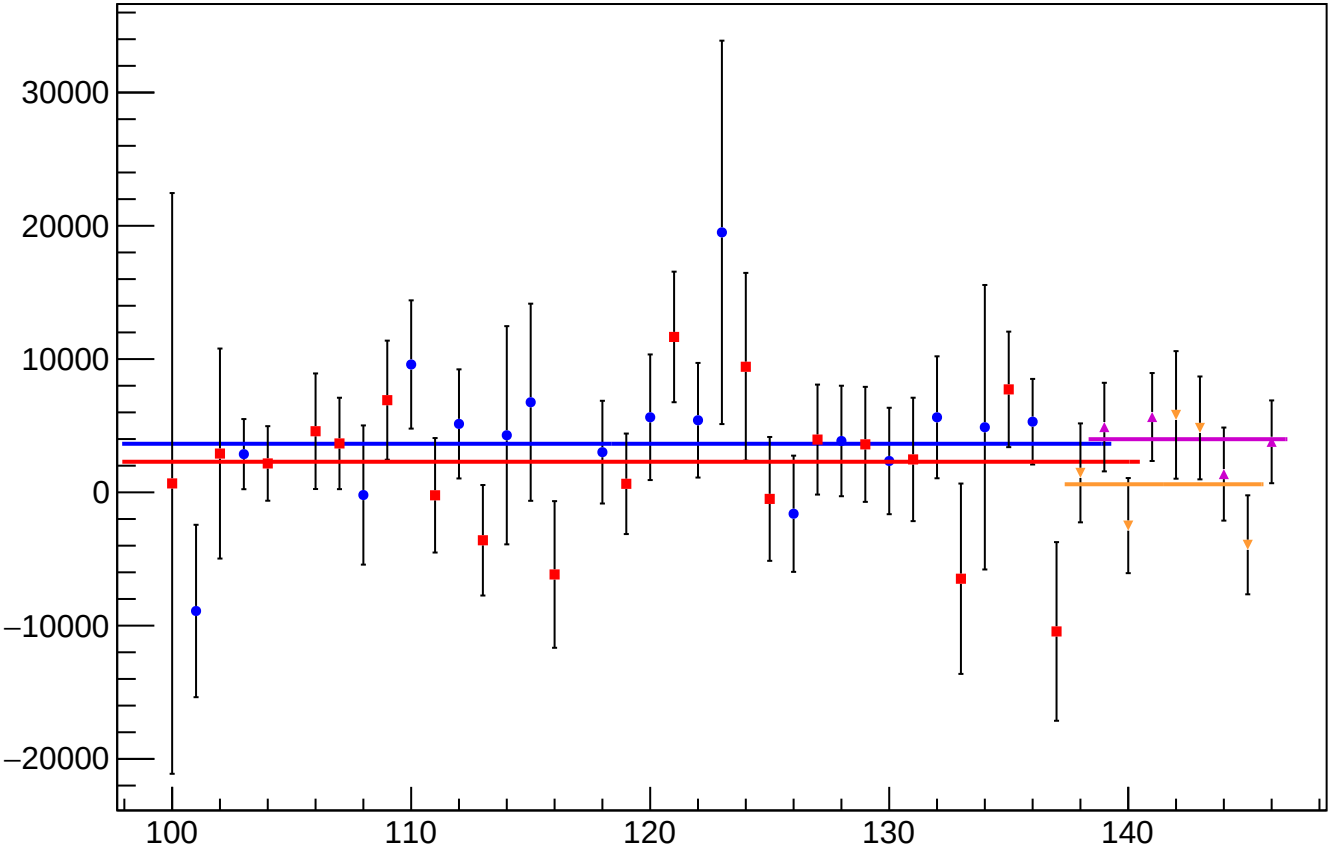
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2959.319+/-0.672 χ^2/NDF:678158.5/20

Out: 2959.147+/-0.655 χ^2/NDF:191153.8/23

All: 2959.231+/-0.469 χ^2/NDF: 869312.3/44

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 607.257+/-1729.267 χ^2/NDF:4.7/4

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3988.631+/-1648.149 χ^2/NDF:0.9/3

Left: 2379.110+/-1193.064 χ^2/NDF: 7.6/8

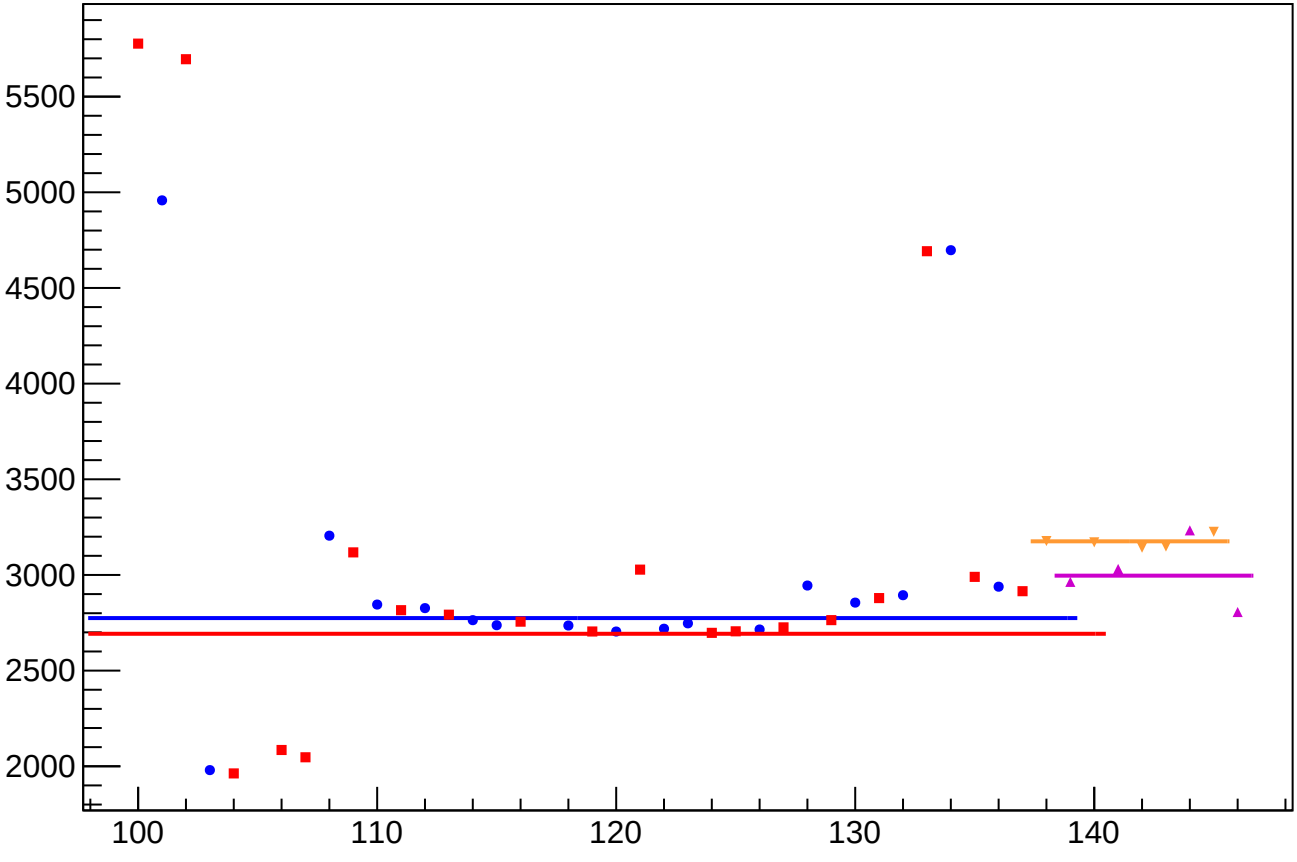
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3749.948+/-910.022 χ^2/NDF:10.8/20

Out: 1842.973+/-895.546 χ^2/NDF:23.8/23

All: 2781.172+/-638.303 χ^2/NDF: 36.8/44

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 3175.751+/-1.223 χ^2/NDF:561.5/4

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2996.314+/-1.165 χ^2/NDF:17099.4/3

Left: 3081.725+/-0.844 χ^2/NDF: 28945.0/8

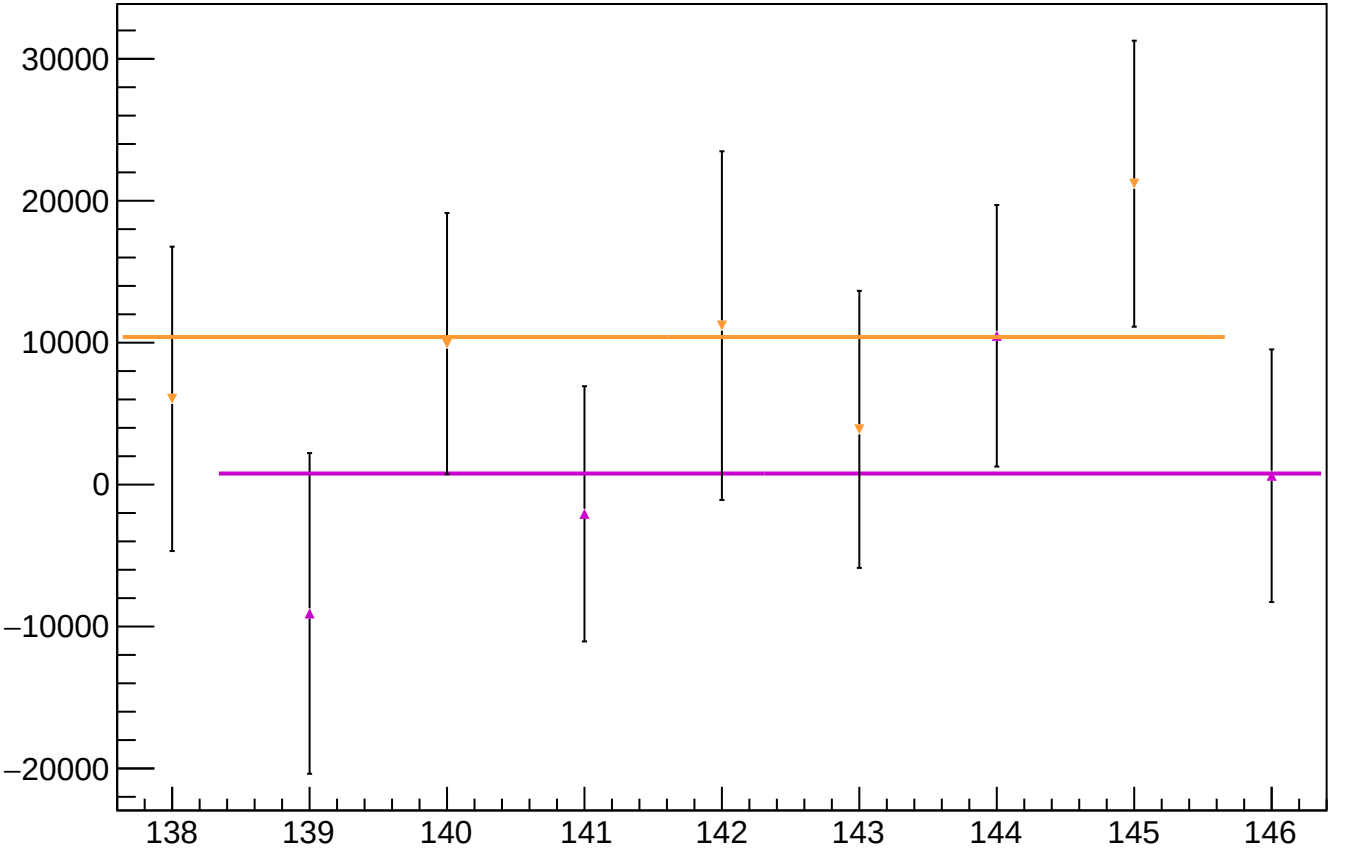
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2842.206+/-0.643 χ^2/NDF:543934.5/20

Out: 2822.051+/-0.633 χ^2/NDF:895144.5/23

All: 2831.964+/-0.451 χ^2/NDF: 1439577.5/44

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 10398.652+/-4589.898 χ^2/NDF:1.8/4

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

Left In: 781.298+/-4735.066 χ^2/NDF:2.0/3

Left: 5739.659+/-3295.674 χ^2/NDF: 5.9/8

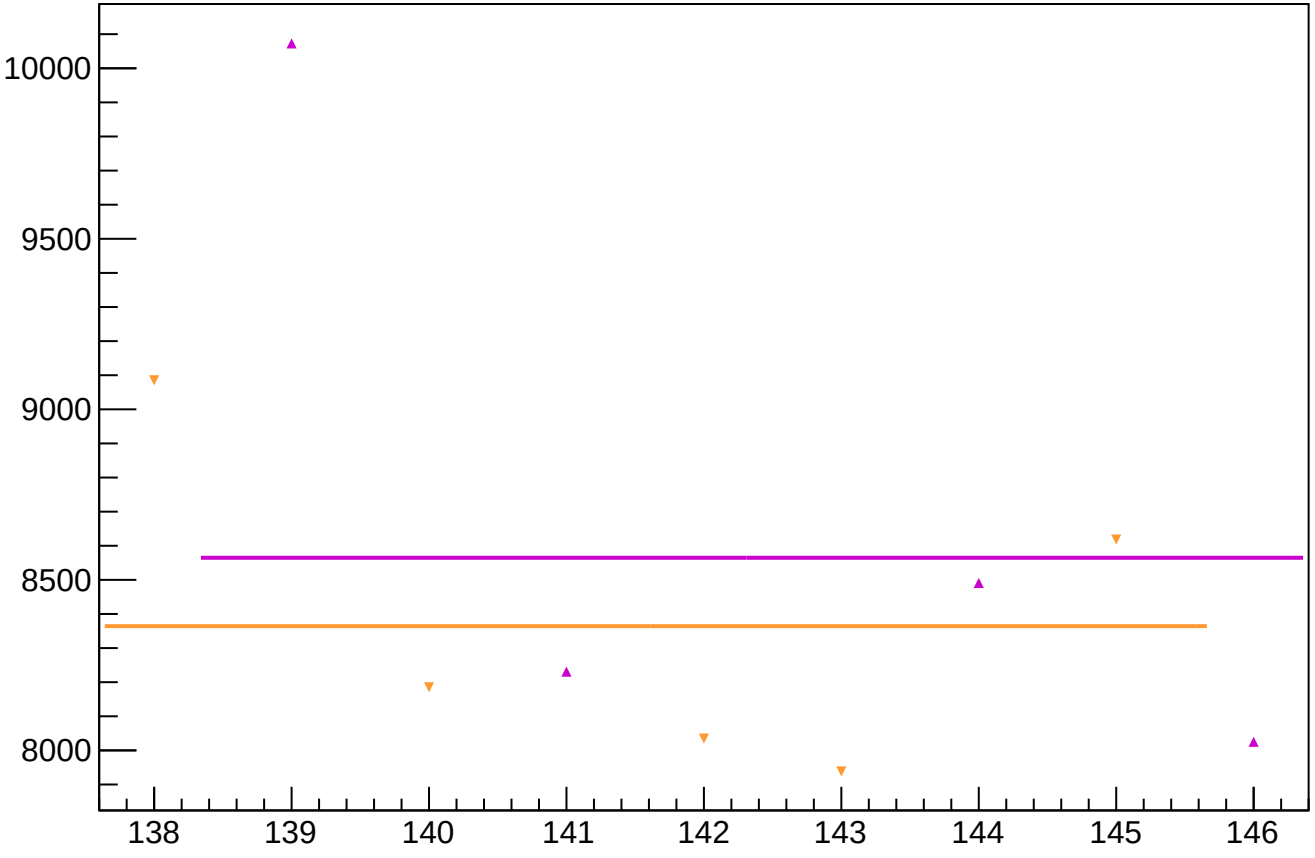
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 781.298+/-4735.066 χ^2/NDF:2.0/3

Out: 10398.652+/-4589.898 χ^2/NDF:1.8/4

All: 5739.659+/-3295.674 χ^2/NDF: 5.9/8

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8364.257+/-3.246 χ^2/NDF:16317.1/4

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

Left In: 8564.825+/-3.348 χ^2/NDF:45866.9/3

Left: 8461.420+/-2.330 χ^2/NDF: 64034.1/8

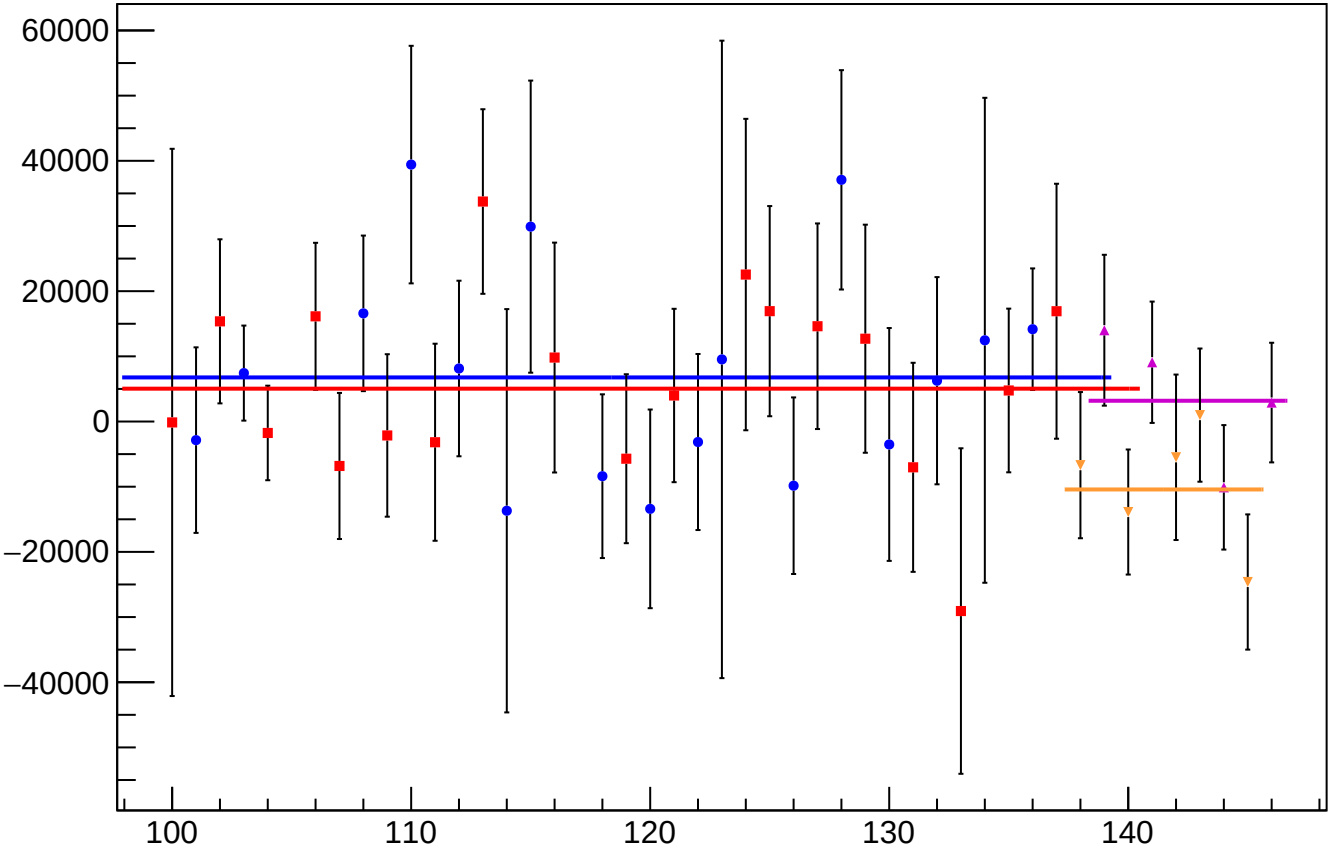
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8564.825+/-3.348 χ^2/NDF:45866.9/3

Out: 8364.257+/-3.246 χ^2/NDF:16317.1/4

All: 8461.420+/-2.330 χ^2/NDF: 64034.1/8

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -10423.014+/-4772.986 χ^2/NDF:3.5/4

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 3186.237+/-4888.364 χ^2/NDF:3.2/3

Left: -3780.890+/-3415.073 χ^2/NDF: 10.7/8

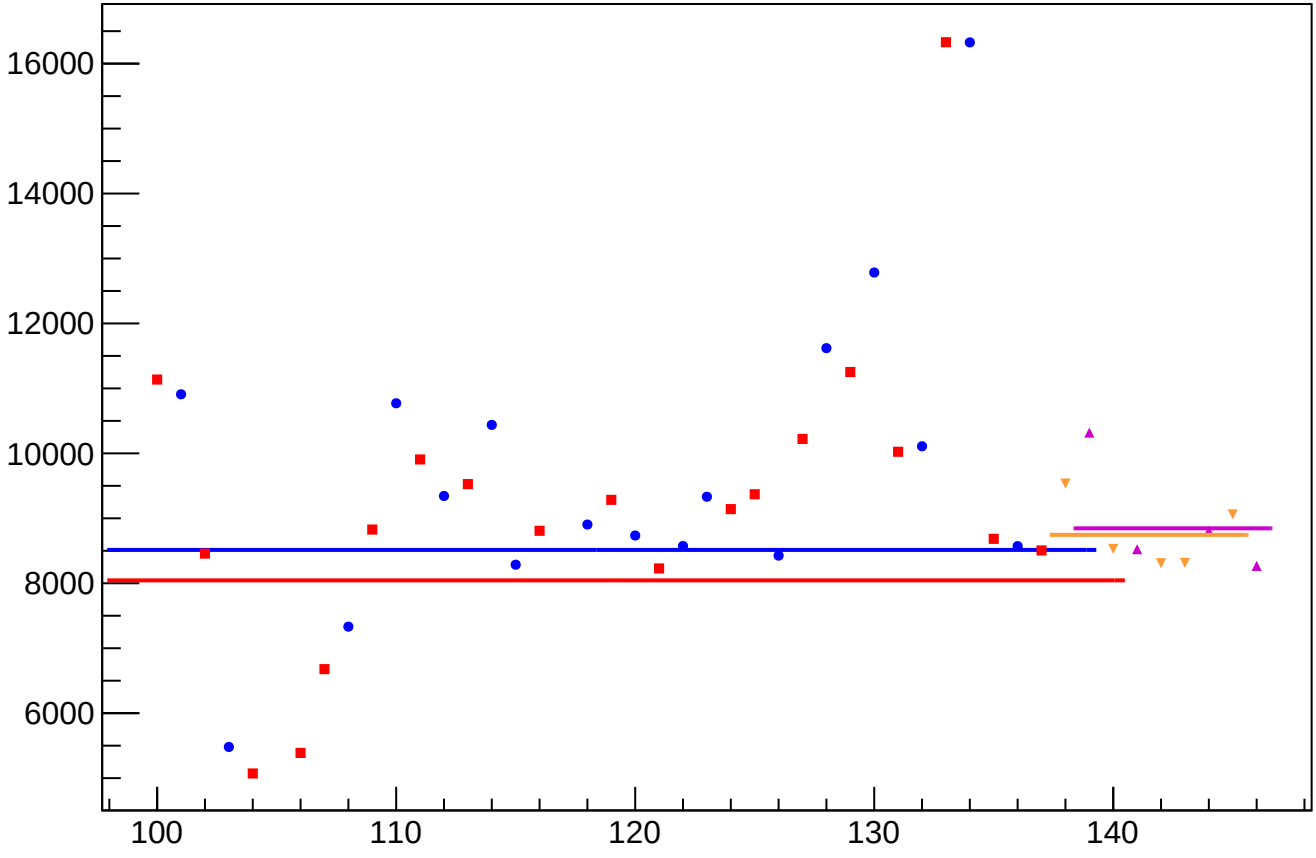
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 5605.766+/-2784.110 χ^2/NDF:18.9/20

Out: 312.925+/-2639.279 χ^2/NDF:24.4/23

All: 2818.102+/-1915.407 χ^2/NDF: 45.2/44

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 8745.564+/-3.375 χ^2/NDF:18735.7/4

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 8845.704+/-3.457 χ^2/NDF:42807.8/3

Left: 8794.438+/-2.415 χ^2/NDF: 61973.1/8

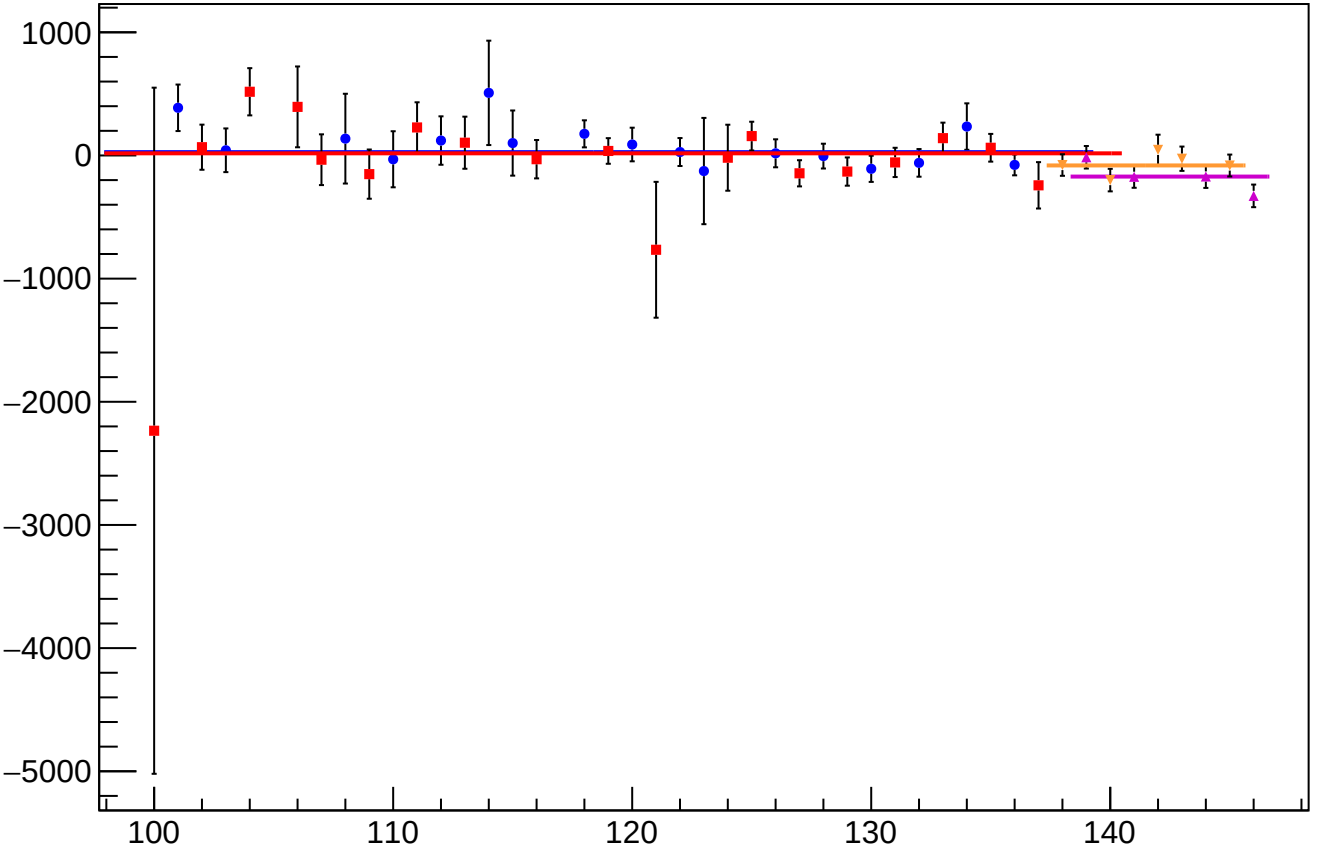
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 8621.370+/-1.969 χ^2/NDF:811656.5/20

Out: 8259.017+/-1.866 χ^2/NDF:1000981.5/23

All: 8430.519+/-1.354 χ^2/NDF: 1830481.6/44

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -80.956+/-42.834 χ^2/NDF:3.0/4

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -171.378+/-45.670 χ^2/NDF:5.9/3

Left: -123.273+/-31.243 χ^2/NDF: 11.0/8

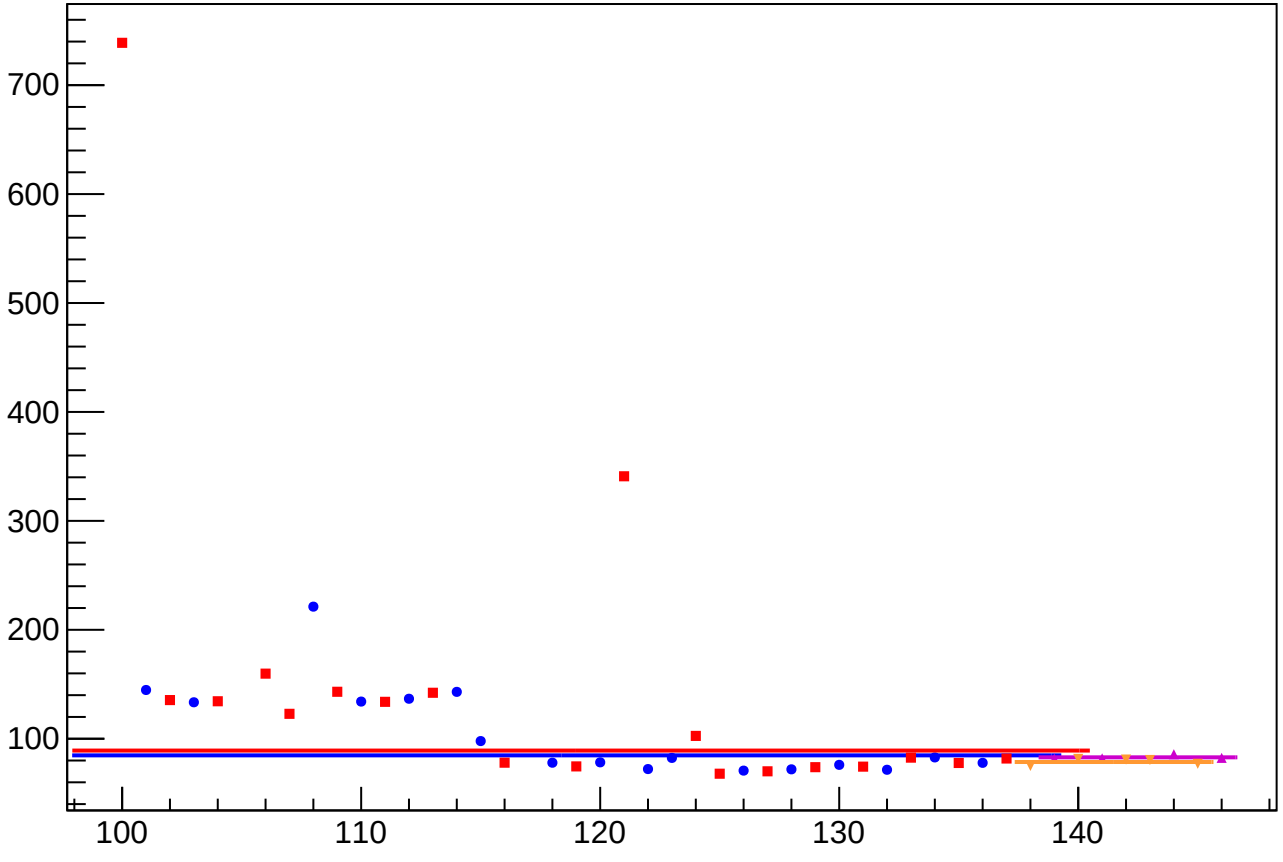
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -43.861+/-27.287 χ^2/NDF:30.6/20

Out: -22.732+/-27.355 χ^2/NDF:28.0/23

All: -33.323+/-19.319 χ^2/NDF: 58.9/44

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 78.638+/-0.030 χ^2/NDF:7433.5/4

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 82.925+/-0.032 χ^2/NDF:2582.4/3

Left: 80.645+/-0.022 χ^2/NDF: 19391.5/8

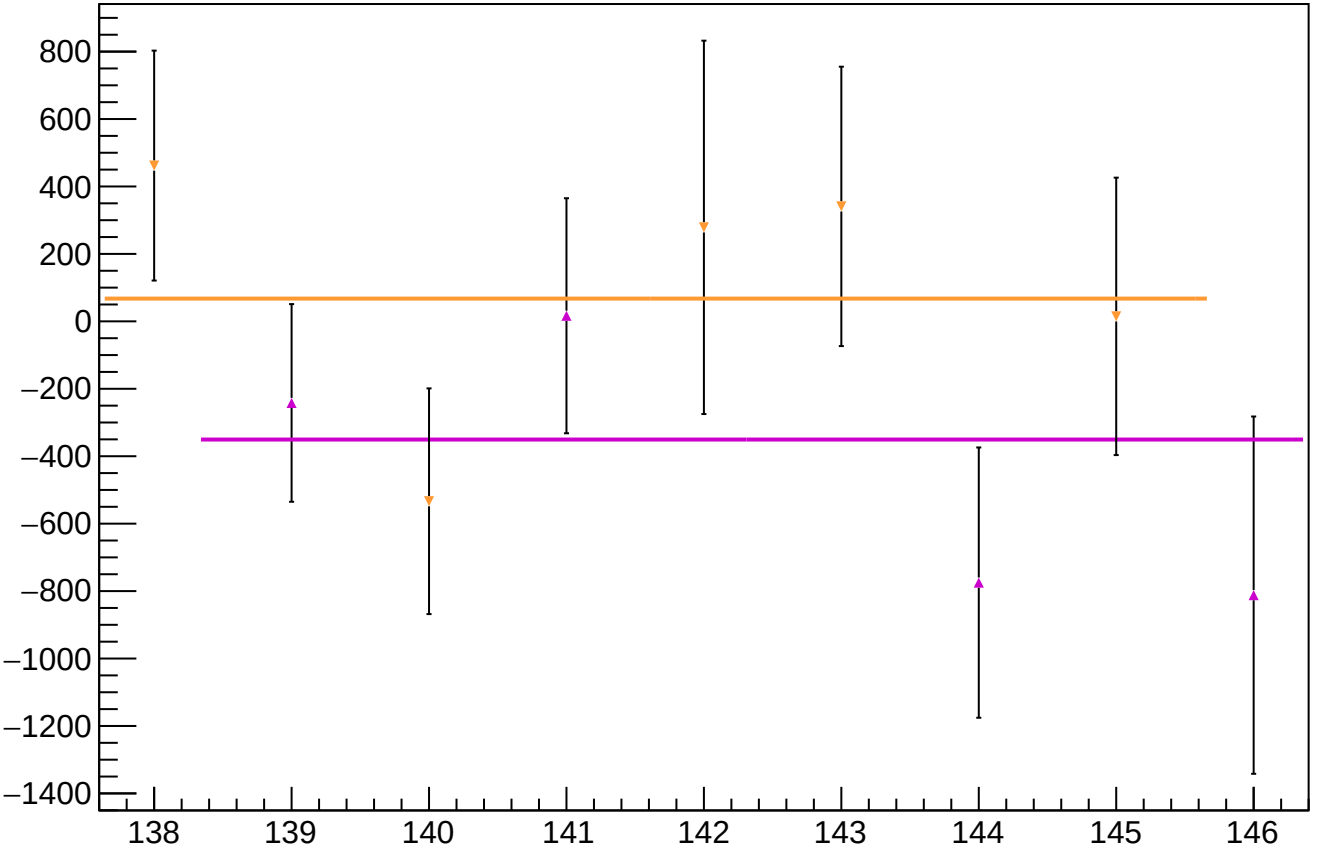
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 84.090+/-0.019 χ^2/NDF:1069026.1/20

Out: 84.859+/-0.019 χ^2/NDF:1637932.4/23

All: 84.474+/-0.014 χ^2/NDF: 2707749.8/44

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 67.485+/-175.339 χ^2/NDF:5.2/4

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

Left In: -350.523+/-183.618 χ^2/NDF:3.1/3

Left: -131.883+/-126.809 χ^2/NDF: 11.0/8

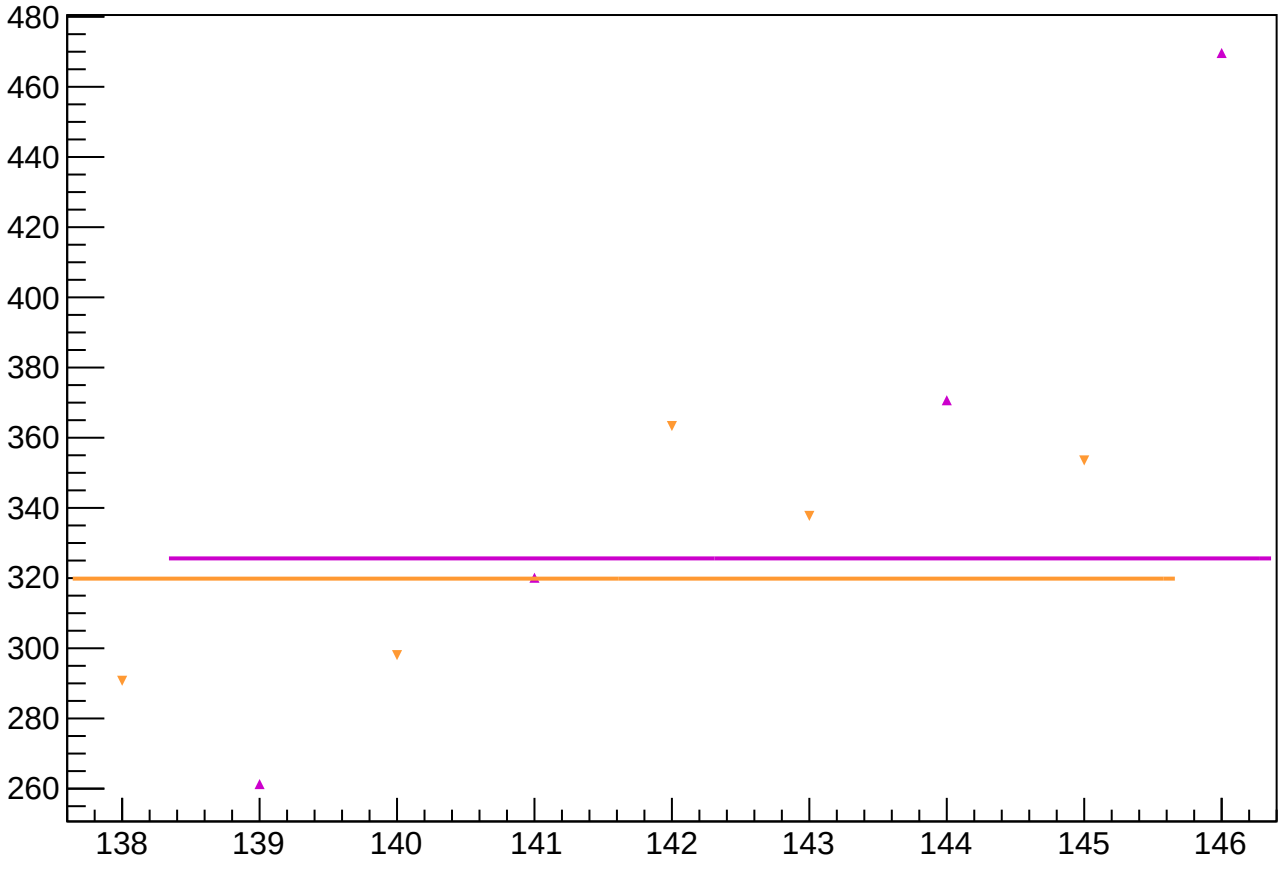
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -350.523+/-183.618 χ^2/NDF:3.1/3

Out: 67.485+/-175.339 χ^2/NDF:5.2/4

All: -131.883+/-126.809 χ^2/NDF: 11.0/8

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 319.848+/-0.124 χ^2/NDF:52533.4/4

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

Left In: 325.609+/-0.130 χ^2/NDF:269852.7/3

Left: 322.596+/-0.090 χ^2/NDF: 323415.9/8

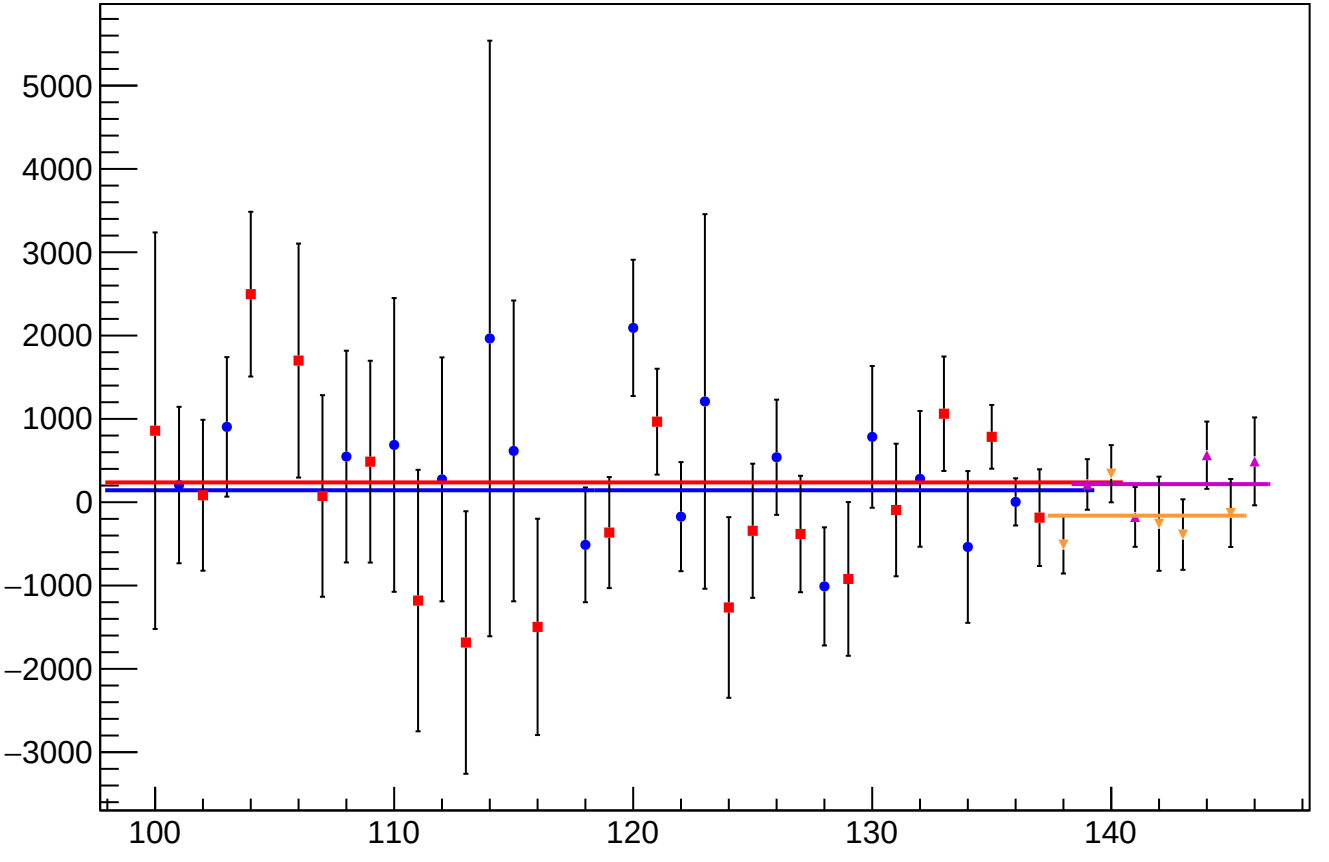
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 325.609+/-0.130 χ^2/NDF:269852.7/3

Out: 319.848+/-0.124 χ^2/NDF:52533.4/4

All: 322.596+/-0.090 χ^2/NDF: 323415.9/8

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -161.131+/-178.112 χ^2/NDF:3.5/4

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: 217.188+/-187.795 χ^2/NDF:2.2/3

Left: 18.024+/-129.232 χ^2/NDF: 7.8/8

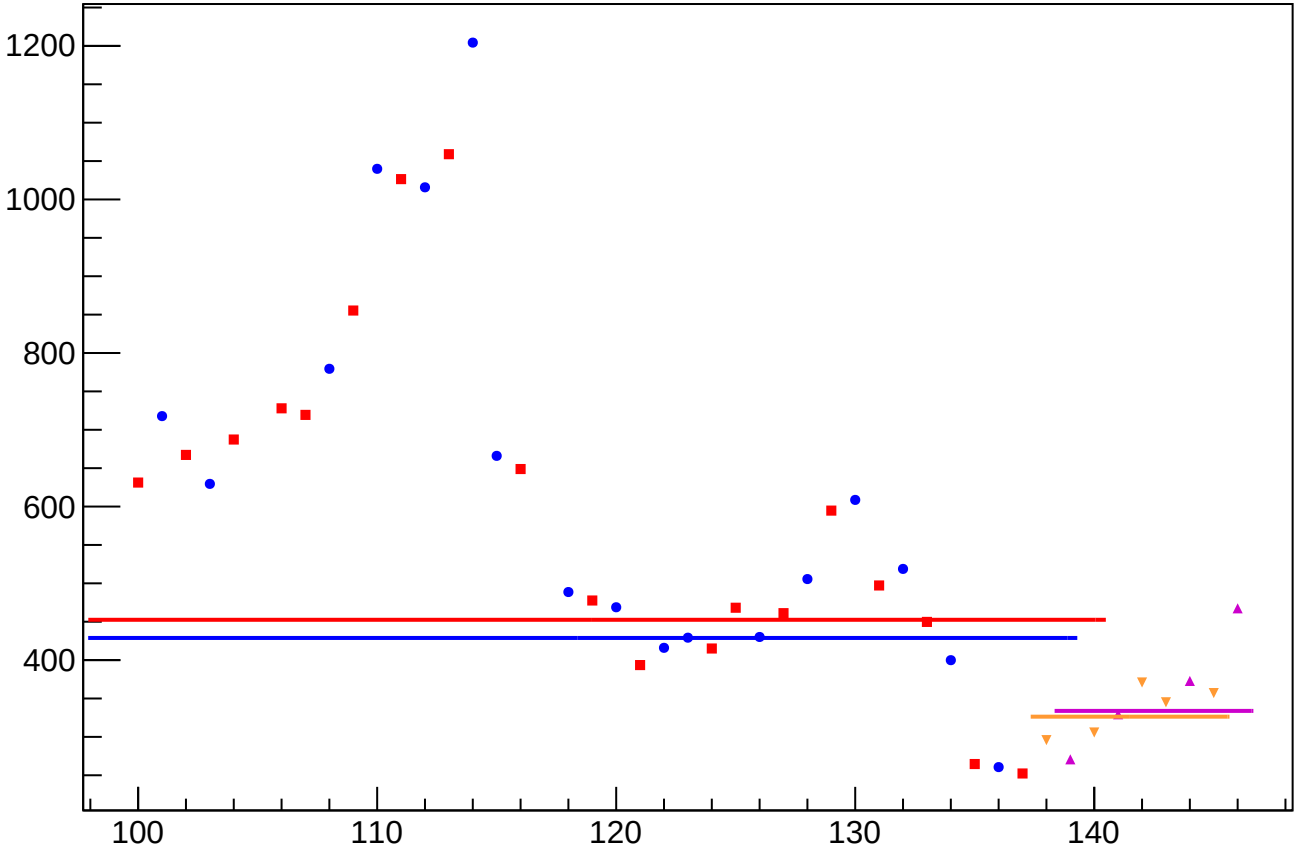
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: 178.620+/-129.660 χ^2/NDF:15.1/20

Out: 31.865+/-127.973 χ^2/NDF:27.6/23

All: 104.282+/-91.081 χ^2/NDF: 43.3/44

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 326.330+/-0.126 χ^2/NDF:50413.3/4

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 333.843+/-0.133 χ^2/NDF:233673.1/3

Left: 329.888+/-0.091 χ^2/NDF: 285771.6/8

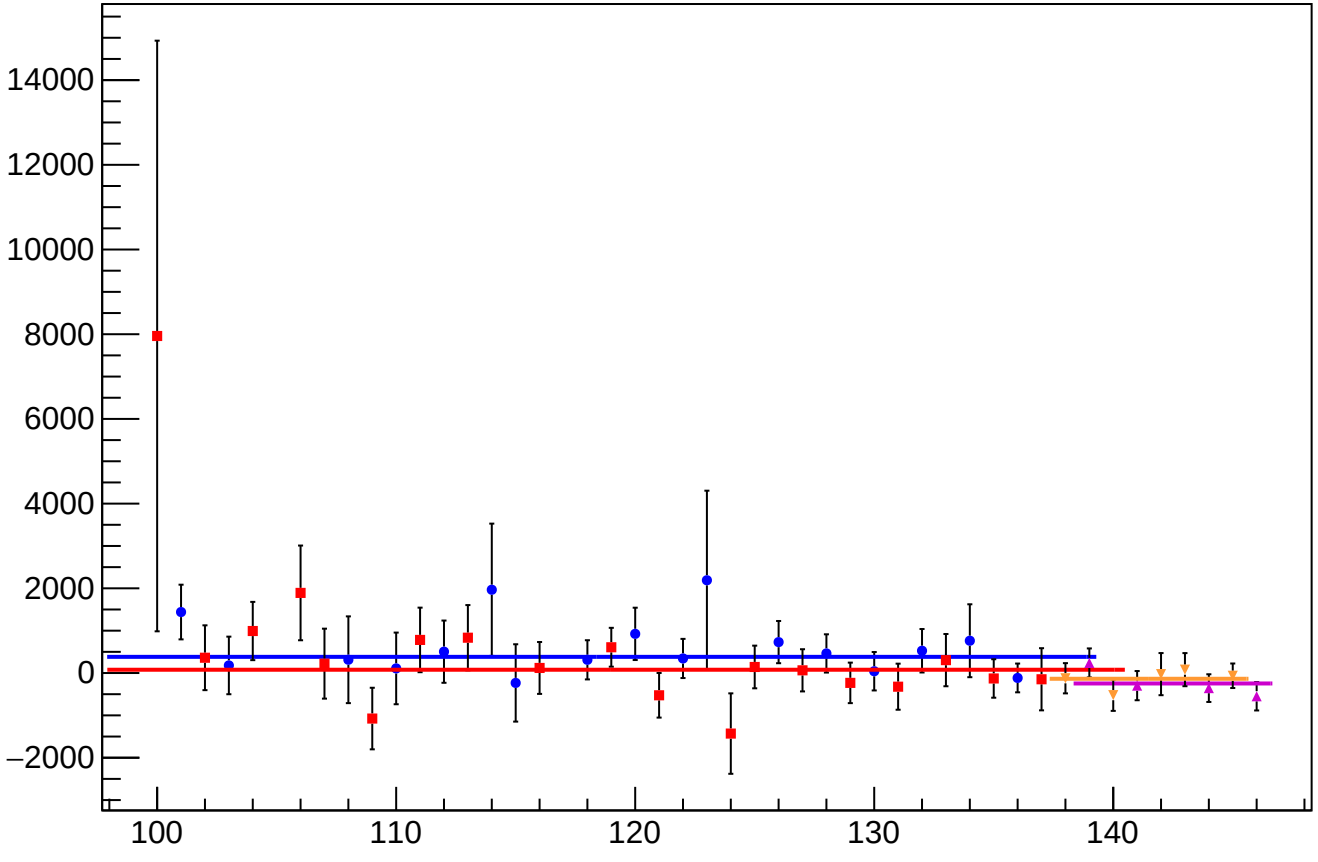
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 383.564+/-0.092 χ^2/NDF:2513906.3/20

Out: 387.374+/-0.090 χ^2/NDF:2575276.9/23

All: 385.494+/-0.064 χ^2/NDF: 5090058.2/44

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -135.871+/-163.074 χ^2/NDF:1.5/4

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -246.804+/-168.517 χ^2/NDF:3.0/3

Left: -189.517+/-117.188 χ^2/NDF: 4.7/8

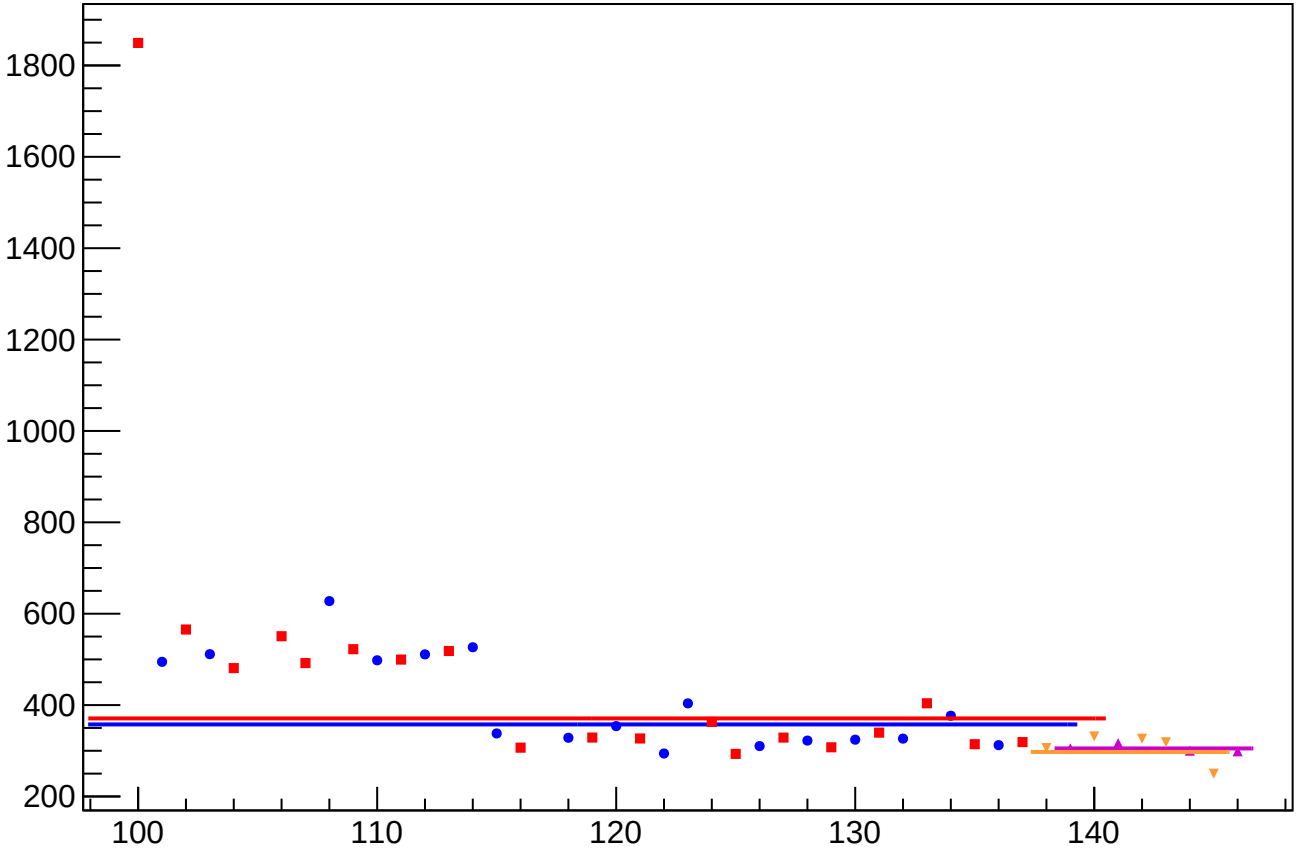
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: 122.583+/-108.226 χ^2/NDF:20.6/20

Out: -15.600+/-107.716 χ^2/NDF:19.2/23

All: 53.165+/-76.346 χ^2/NDF: 40.6/44

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 297.418+/-0.115 χ^2/NDF:84538.1/4

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 305.099+/-0.119 χ^2/NDF:3390.8/3

Left: 301.133+/-0.083 χ^2/NDF: 90074.3/8

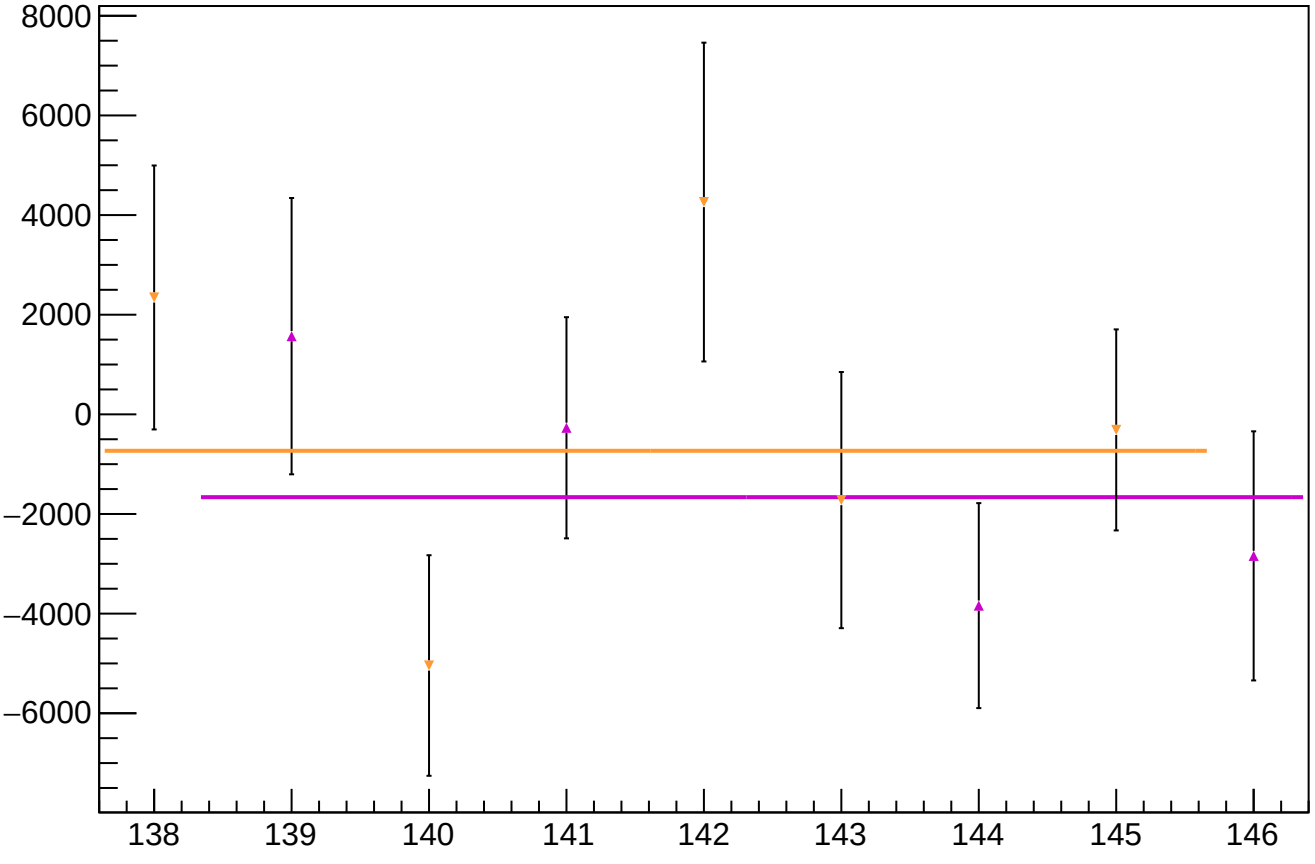
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 335.983+/-0.077 χ^2/NDF:747399.4/20

Out: 338.780+/-0.076 χ^2/NDF:1097572.5/23

All: 337.388+/-0.054 χ^2/NDF: 1845642.7/44

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -731.528+/-1090.360 χ^2/NDF:7.8/4

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

Left In: -1662.498+/-1171.052 χ^2/NDF:3.1/3

Left: -1163.836+/-798.004 χ^2/NDF: 11.2/8

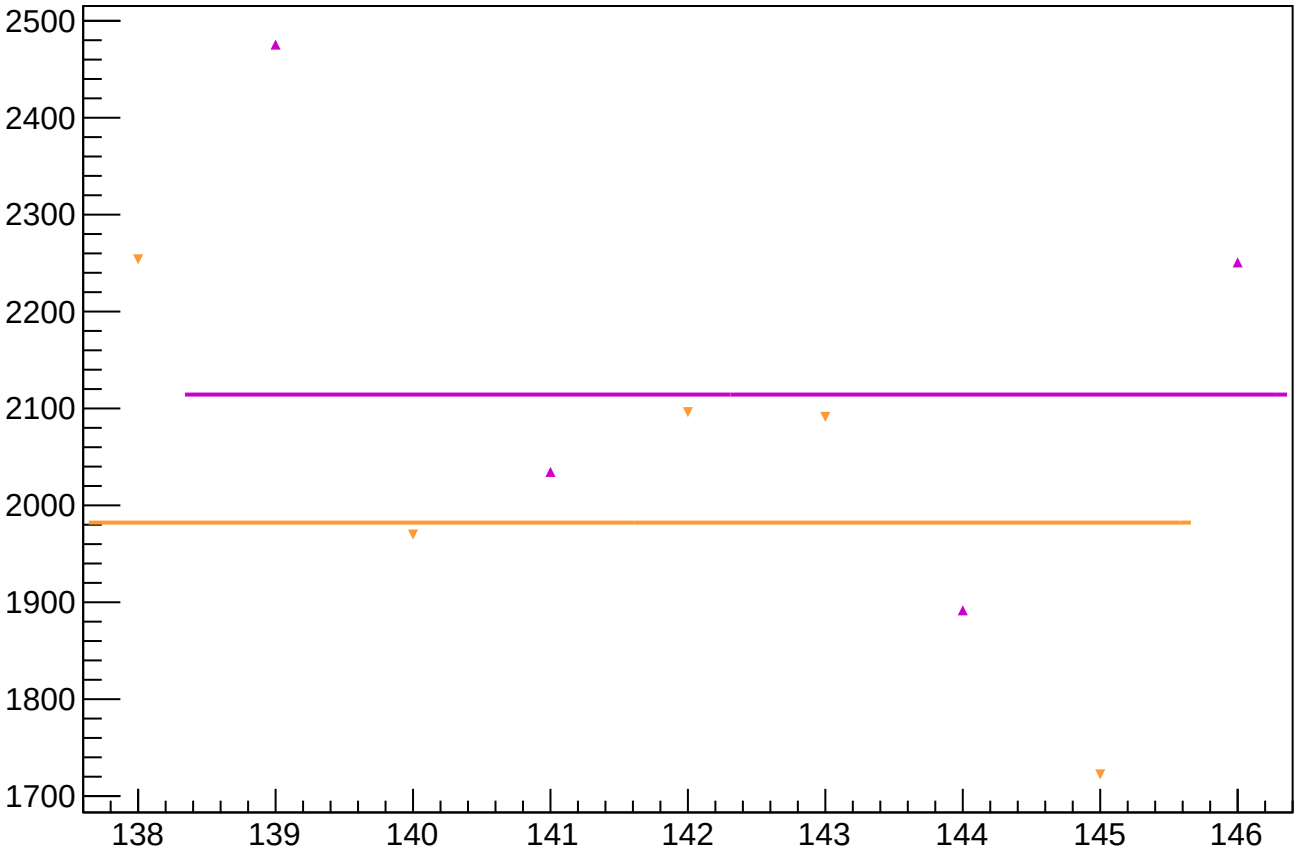
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1662.498+/-1171.052 χ^2/NDF:3.1/3

Out: -731.528+/-1090.360 χ^2/NDF:7.8/4

All: -1163.836+/-798.004 χ^2/NDF: 11.2/8

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1982.211+/-0.771 χ^2/NDF:60393.4/4

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

Left In: 2114.326+/-0.828 χ^2/NDF:65878.0/3

Left: 2043.560+/-0.564 χ^2/NDF: 139906.4/8

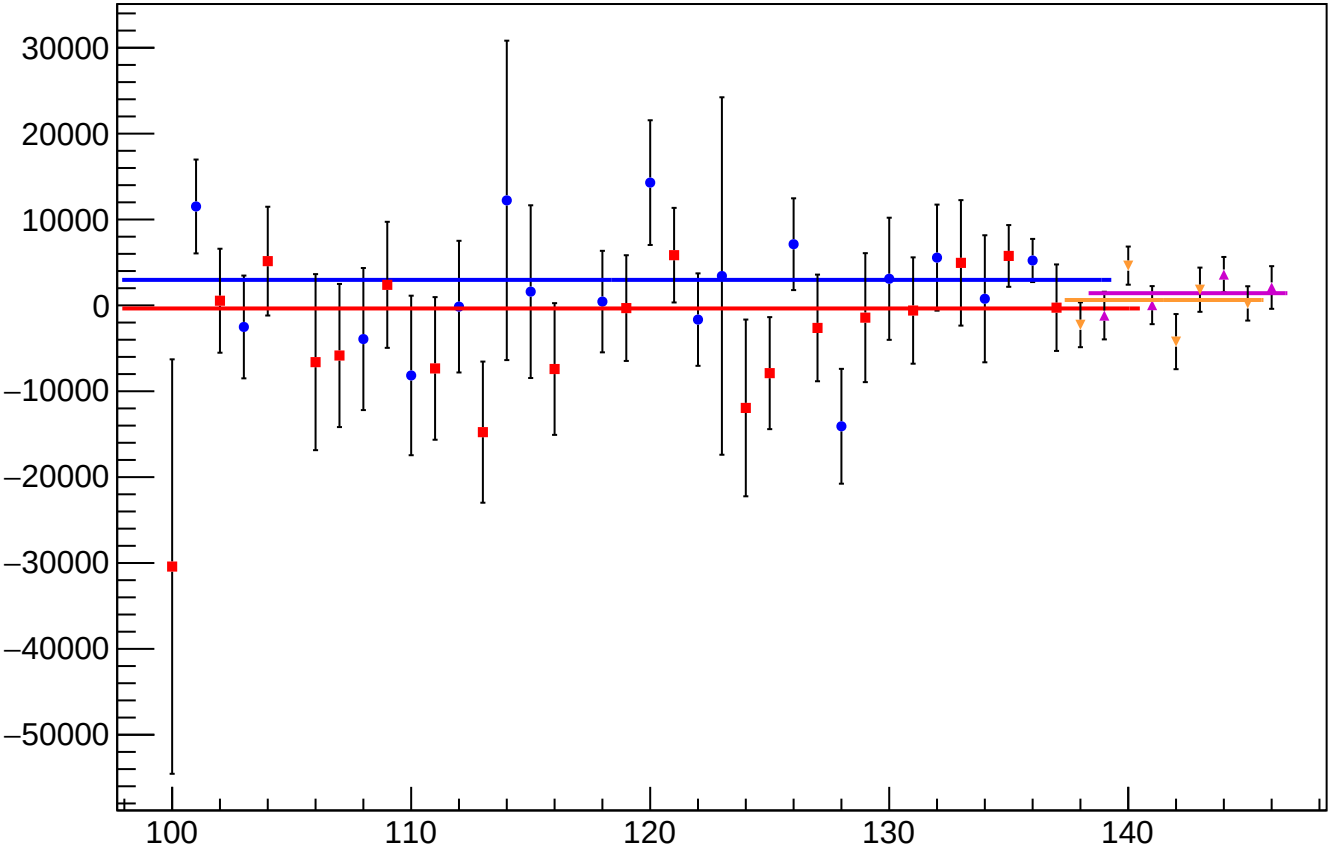
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2114.326+/-0.828 χ^2/NDF:65878.0/3

Out: 1982.211+/-0.771 χ^2/NDF:60393.4/4

All: 2043.560+/-0.564 χ^2/NDF: 139906.4/8

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 627.005+/-1086.164 χ^2/NDF:7.0/4

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 1420.943+/-1167.602 χ^2/NDF:2.5/3

Left: 995.324+/-795.267 χ^2/NDF: 9.7/8

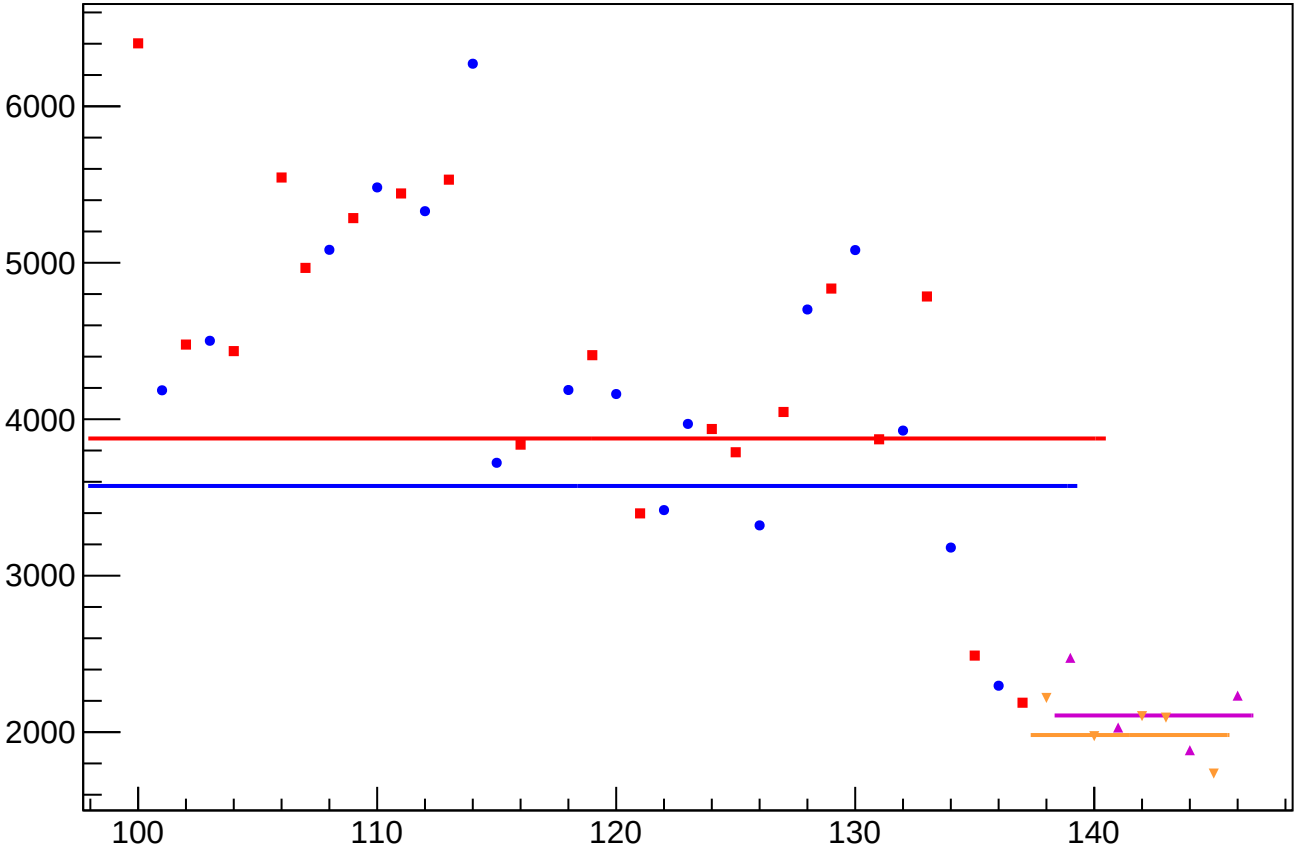
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 2034.801+/-907.053 χ^2/NDF:20.5/20

Out: 290.039+/-881.161 χ^2/NDF:22.6/23

All: 1137.162+/-632.030 χ^2/NDF: 45.1/44

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 1981.591+/-0.768 χ^2/NDF:53427.2/4

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2106.595+/-0.826 χ^2/NDF:66398.2/3

Left: 2039.582+/-0.562 χ^2/NDF: 132114.5/8

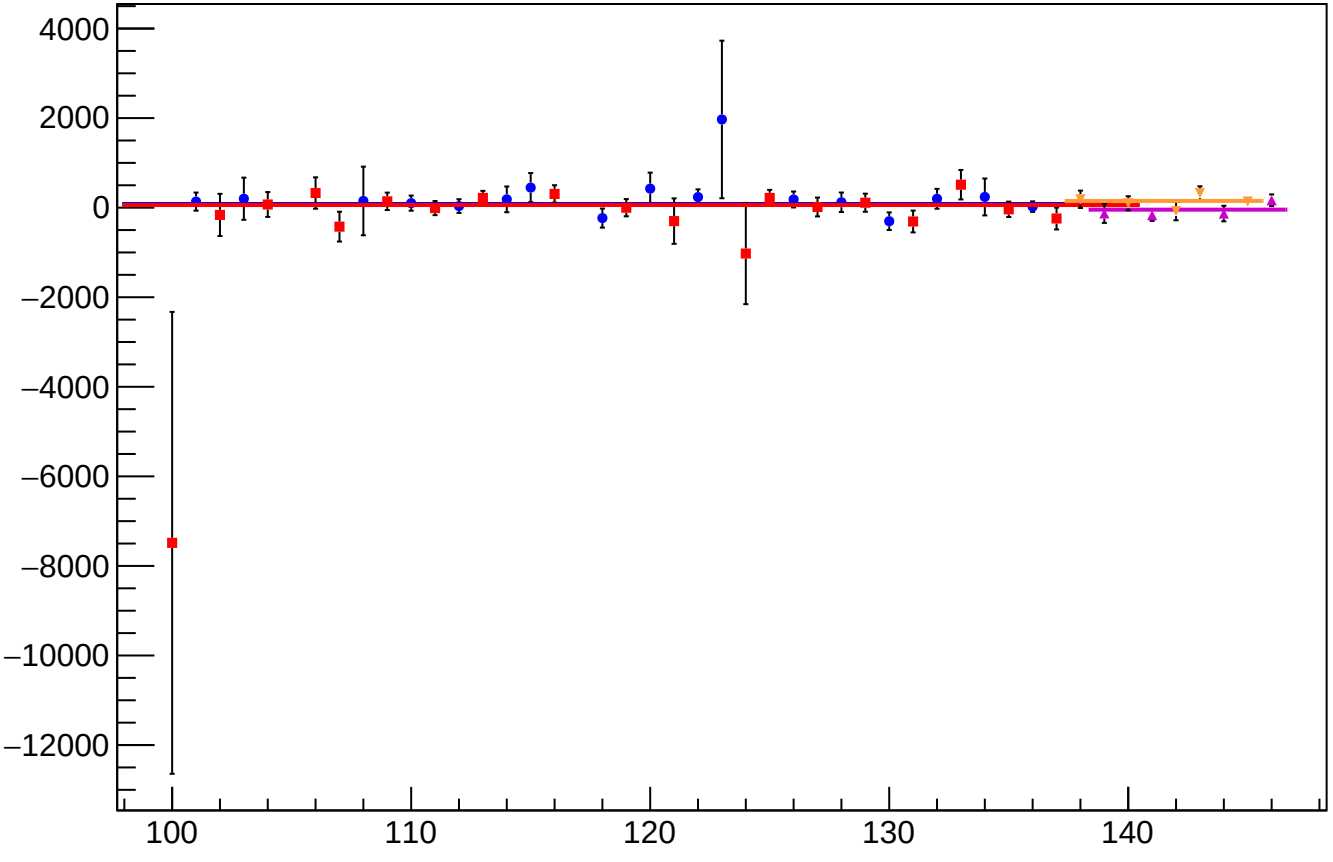
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2688.214+/-0.641 χ^2/NDF:2406747.6/20

Out: 2629.524+/-0.623 χ^2/NDF:3123698.6/23

All: 2658.019+/-0.447 χ^2/NDF: 5534754.1/44

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 150.343+/-68.225 χ^2/NDF:2.6/4

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: -44.548+/-75.362 χ^2/NDF:3.9/3

Left: 62.561+/-50.578 χ^2/NDF: 10.2/8

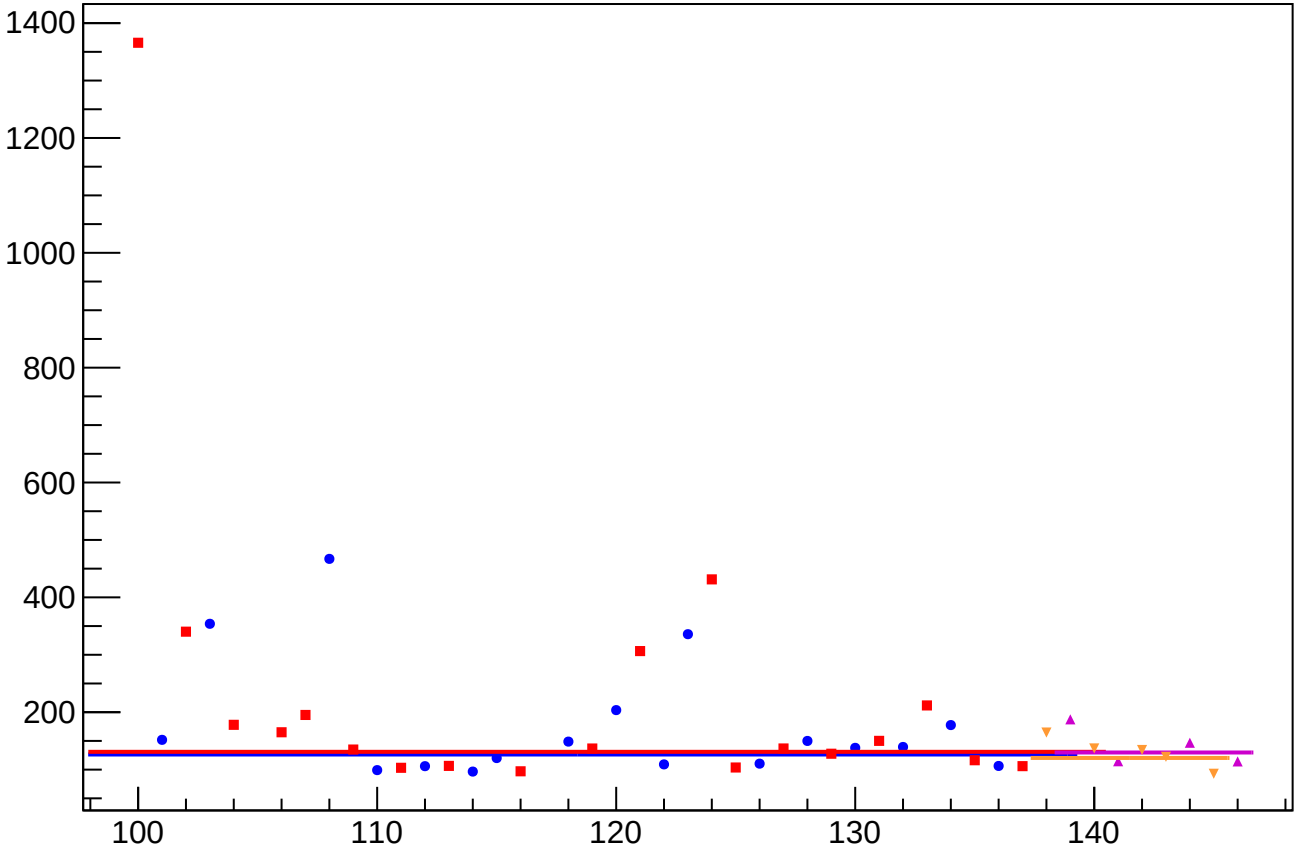
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 41.181+/-42.748 χ^2/NDF:17.4/20

Out: 93.516+/-41.936 χ^2/NDF:20.2/23

All: 67.850+/-29.936 χ^2/NDF: 38.3/44

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 120.321+/-0.048 χ^2/NDF:259352.9/4

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 129.835+/-0.053 χ^2/NDF:225382.9/3

Left: 124.606+/-0.036 χ^2/NDF: 502252.9/8

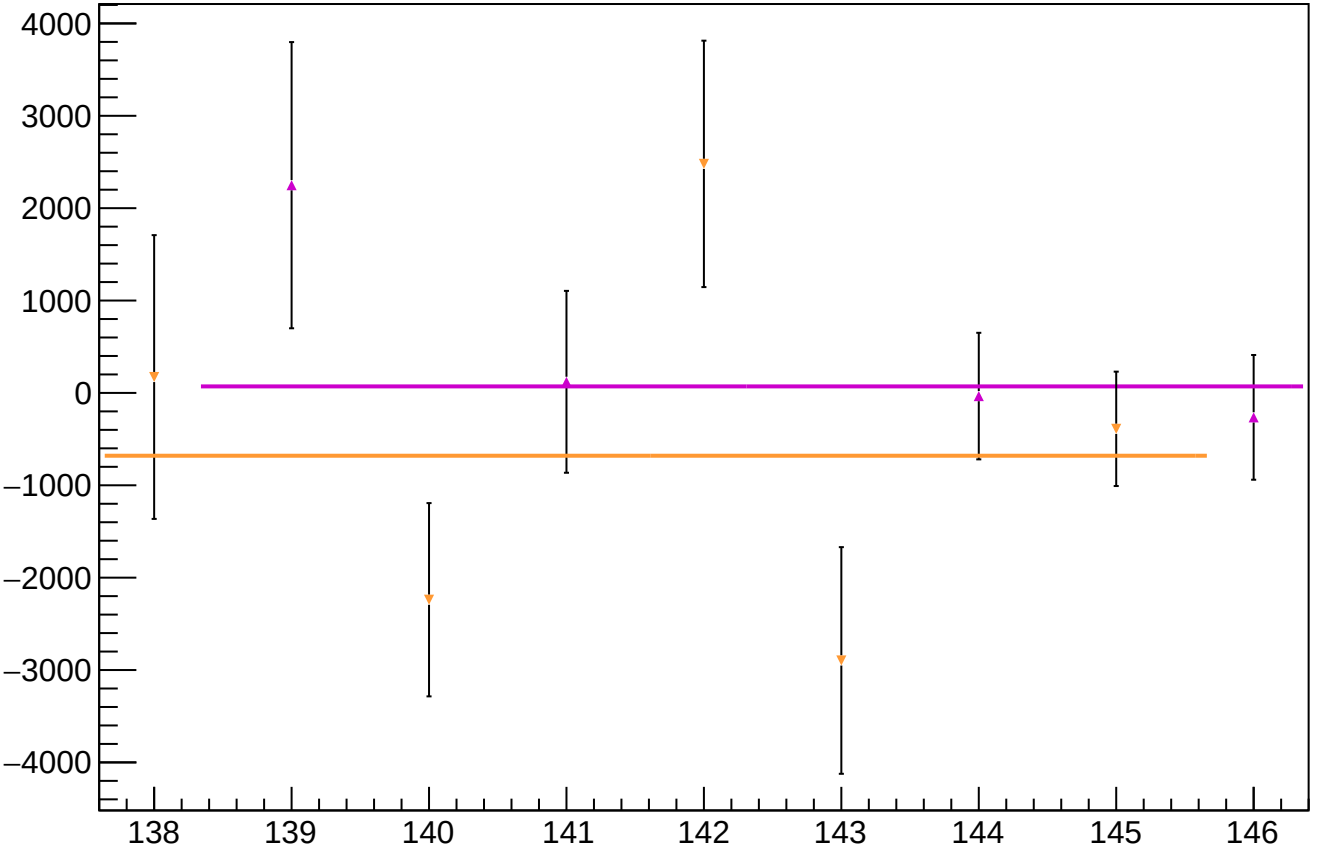
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 127.464+/-0.030 χ^2/NDF:1538885.6/20

Out: 126.970+/-0.030 χ^2/NDF:1719143.3/23

All: 127.212+/-0.021 χ^2/NDF: 3258165.3/44

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -680.003+/-439.686 χ^2/NDF:11.6/4

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

Left In: 70.586+/-416.210 χ^2/NDF:2.2/3

Left: -284.137+/-302.264 χ^2/NDF: 15.4/8

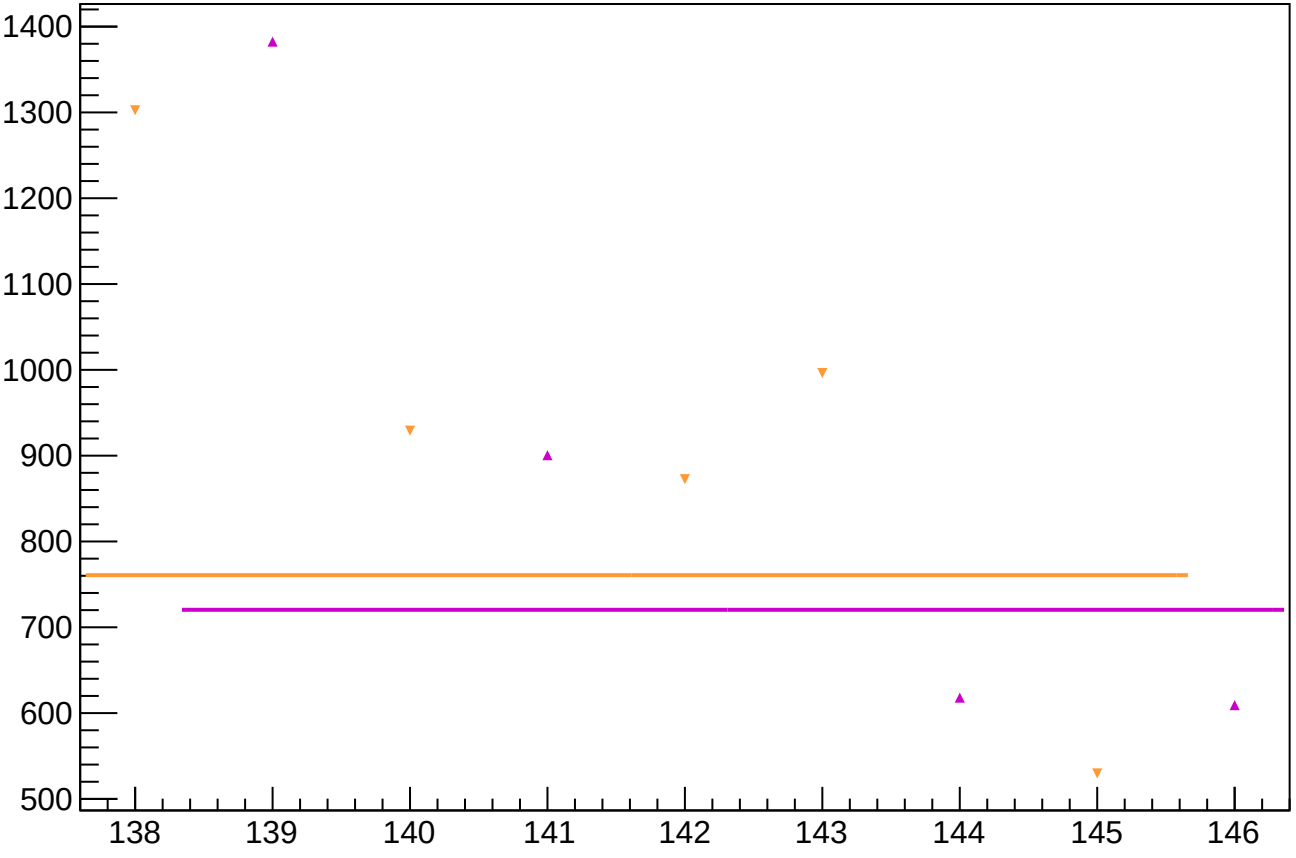
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 70.586+/-416.210 χ^2/NDF:2.2/3

Out: -680.003+/-439.686 χ^2/NDF:11.6/4

All: -284.137+/-302.264 χ^2/NDF: 15.4/8

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 760.743+/-0.311 χ^2/NDF:666876.6/4

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

Left In: 720.391+/-0.294 χ^2/NDF:531130.1/3

Left: 739.461+/-0.214 χ^2/NDF: 1206890.9/8

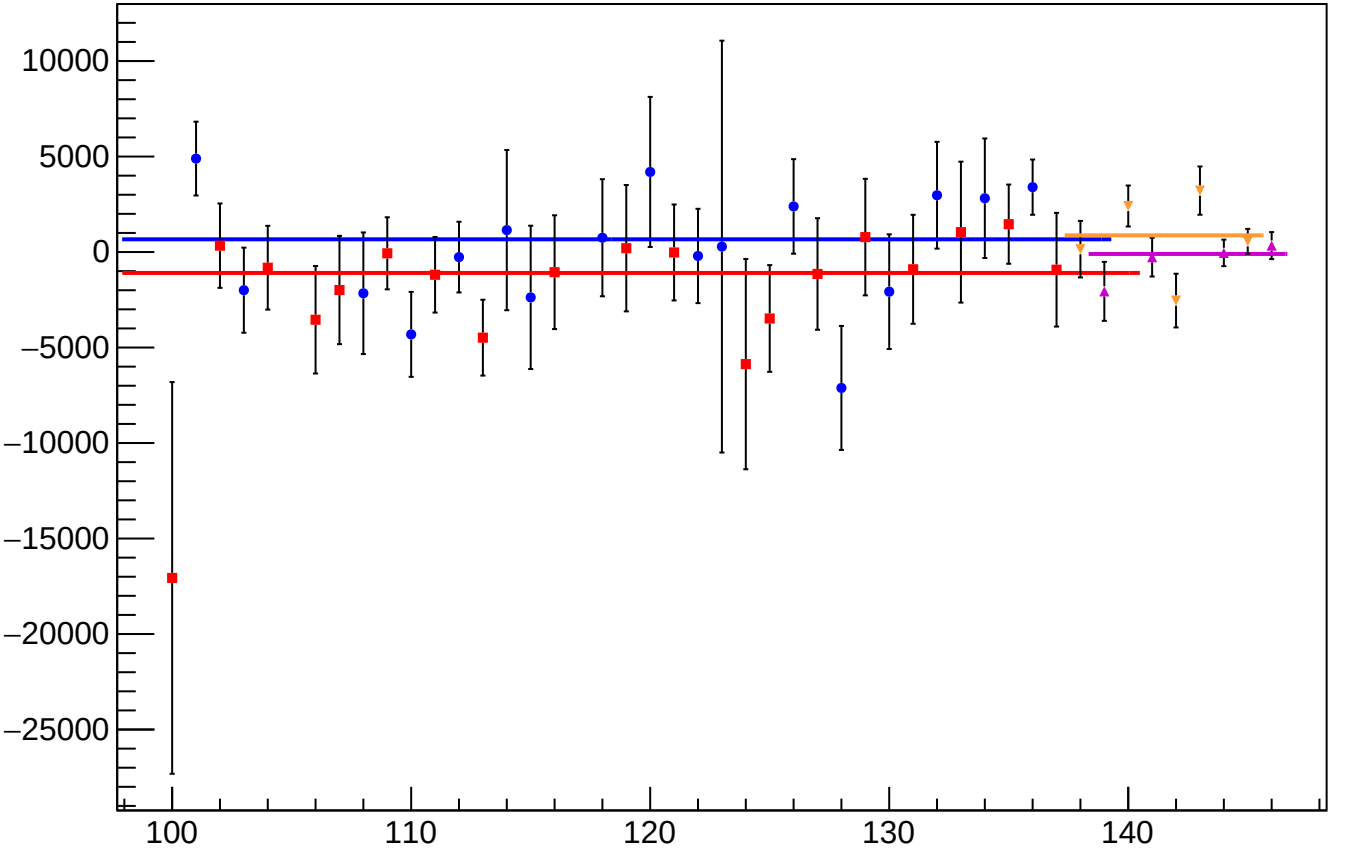
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 720.391+/-0.294 χ^2/NDF:531130.1/3

Out: 760.743+/-0.311 χ^2/NDF:666876.6/4

All: 739.461+/-0.214 χ^2/NDF: 1206890.9/8

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 875.396+/-455.311 χ^2/NDF:11.9/4

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: -99.663+/-427.637 χ^2/NDF:2.0/3

Left: 357.336+/-311.710 χ^2/NDF: 16.3/8

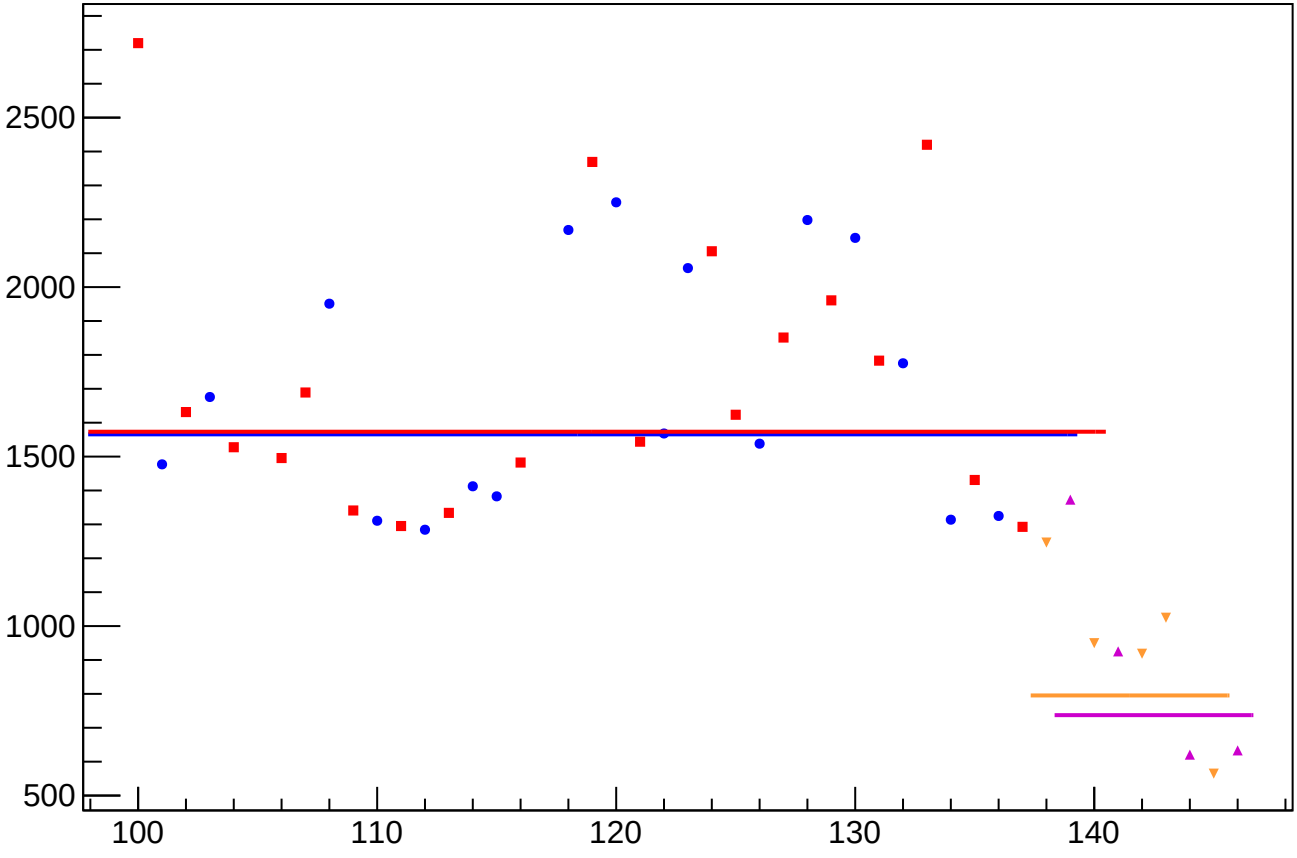
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 147.940+/-351.810 χ^2/NDF:28.7/20

Out: 159.635+/-363.282 χ^2/NDF:29.6/23

All: 153.600+/-252.726 χ^2/NDF: 58.4/44

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 795.352+/-0.322 χ^2/NDF:560070.6/4

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 737.241+/-0.302 χ^2/NDF:507643.3/3

Left: 764.477+/-0.220 χ^2/NDF: 1085023.2/8

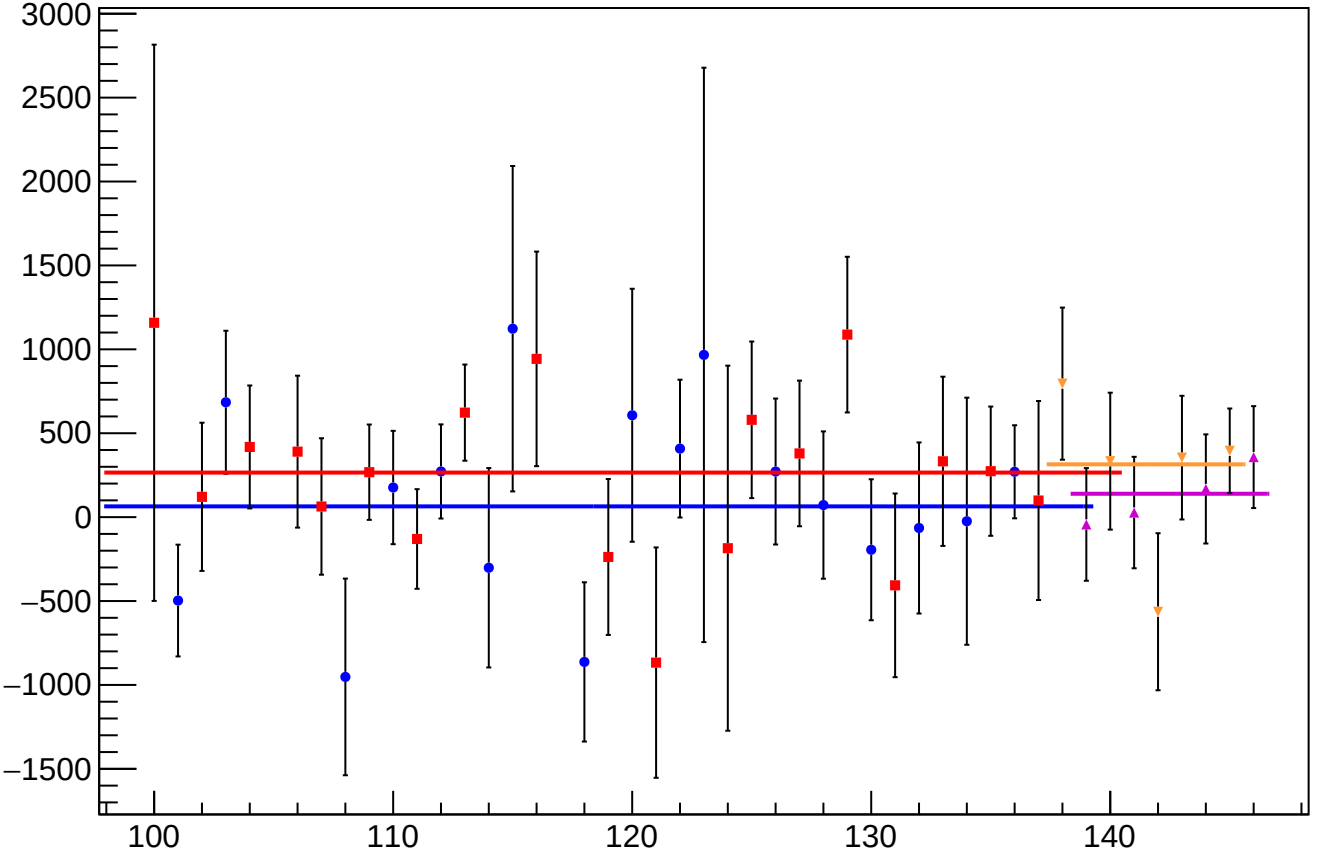
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 1004.967+/-0.249 χ^2/NDF:3423931.7/20

Out: 1078.075+/-0.257 χ^2/NDF:3144194.9/23

All: 1040.349+/-0.179 χ^2/NDF: 6609923.9/44

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 314.722+/-161.105 χ^2/NDF:4.8/4

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 139.330+/-161.713 χ^2/NDF:0.9/3

Left: 227.356+/-114.133 χ^2/NDF: 6.3/8

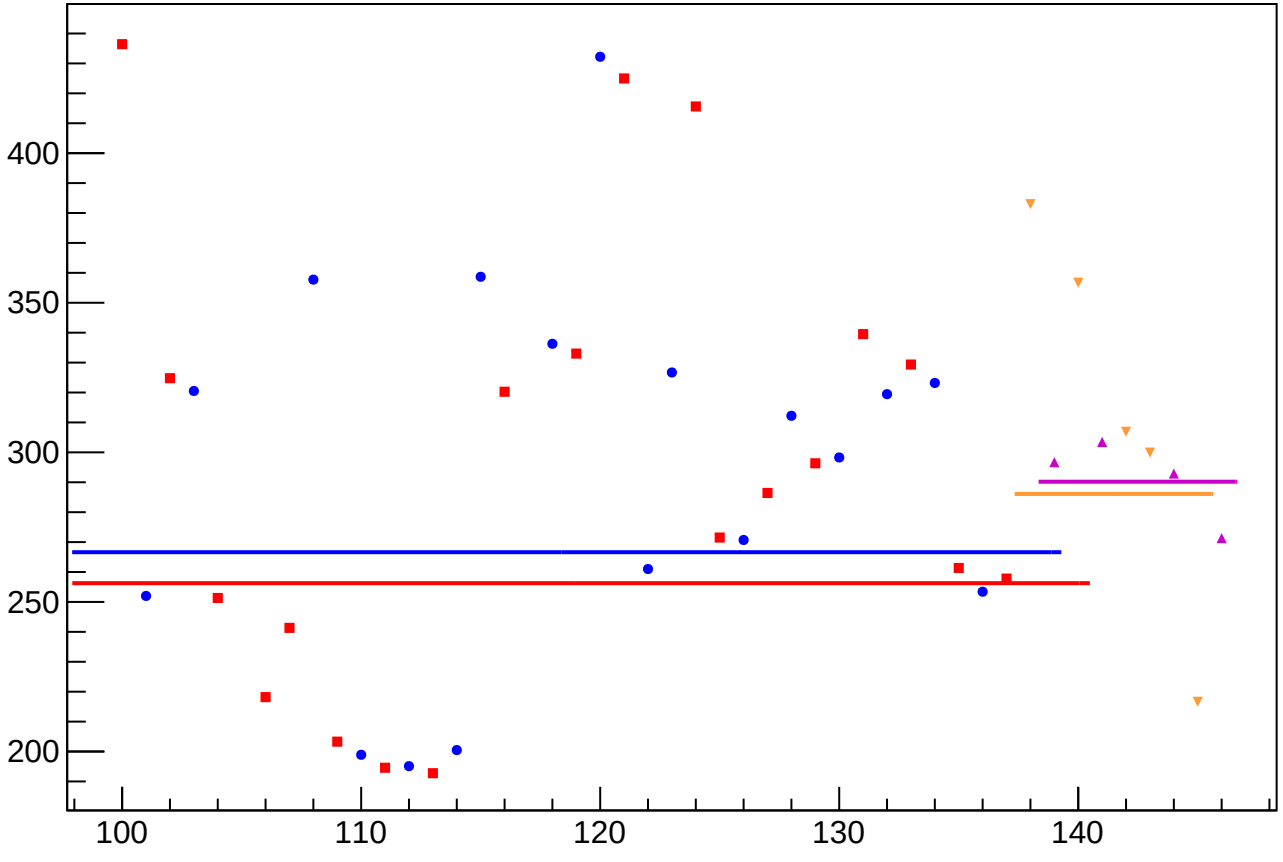
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 86.502+/-88.263 χ^2/NDF:17.8/20

Out: 279.184+/-84.581 χ^2/NDF:19.5/23

All: 186.945+/-61.068 χ^2/NDF: 39.8/44

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 286.097+/-0.114 χ^2/NDF:309744.4/4

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 290.185+/-0.114 χ^2/NDF:11808.9/3

Left: 288.133+/-0.081 χ^2/NDF: 322194.6/8

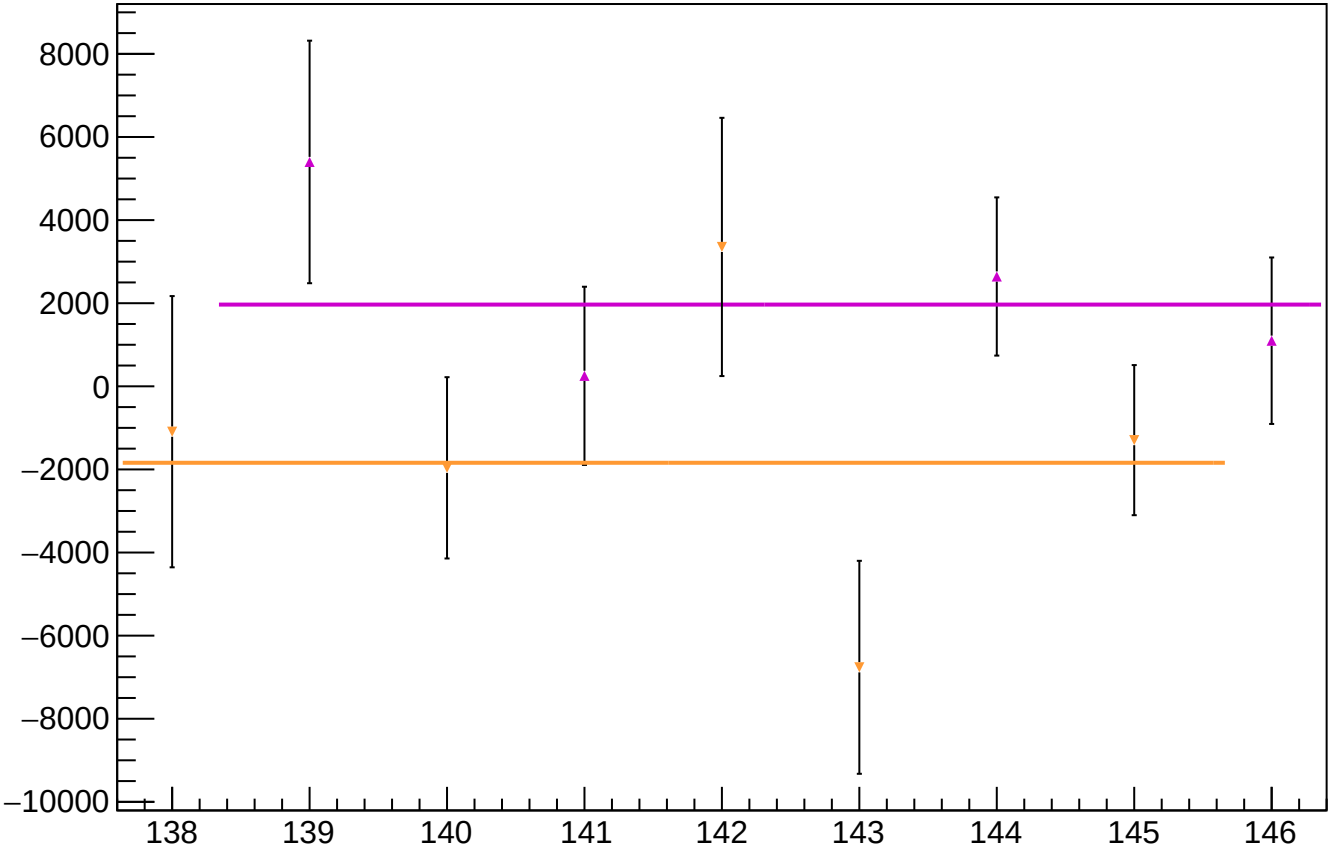
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 273.643+/-0.062 χ^2/NDF:592368.0/20

Out: 264.490+/-0.060 χ^2/NDF:1056304.6/23

All: 268.872+/-0.043 χ^2/NDF: 1659884.2/44

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -1839.969+/-1074.362 χ^2/NDF:6.6/4

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

Left In: 1966.762+/-1078.273 χ^2/NDF:2.3/3

Left: 56.481+/-761.067 χ^2/NDF: 15.2/8

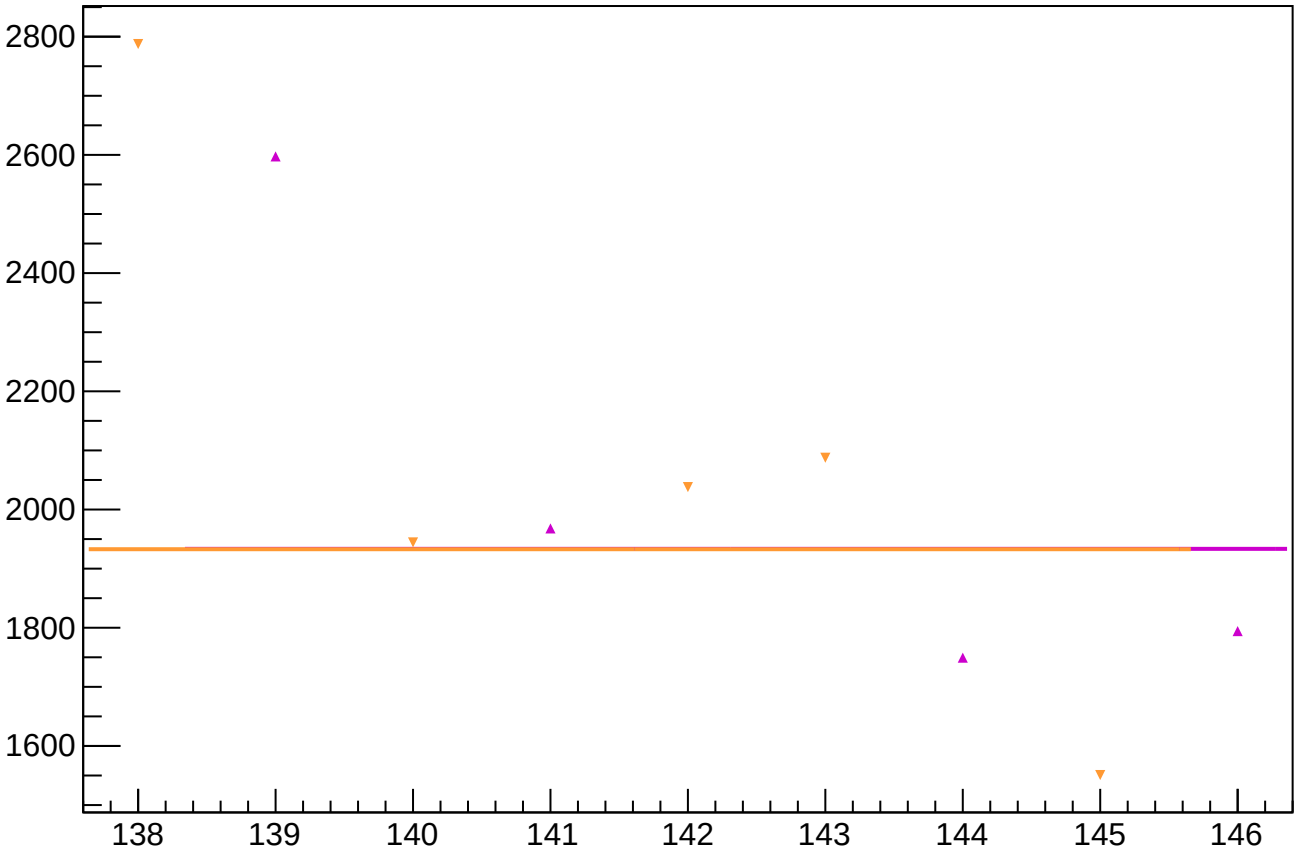
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1966.762+/-1078.273 χ^2/NDF:2.3/3

Out: -1839.969+/-1074.362 χ^2/NDF:6.6/4

All: 56.481+/-761.067 χ^2/NDF: 15.2/8

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 1932.859+/-0.760 χ^2/NDF:236279.7/4

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

Left In: 1933.470+/-0.762 χ^2/NDF:132384.7/3

Left: 1933.163+/-0.538 χ^2/NDF: 368664.7/8

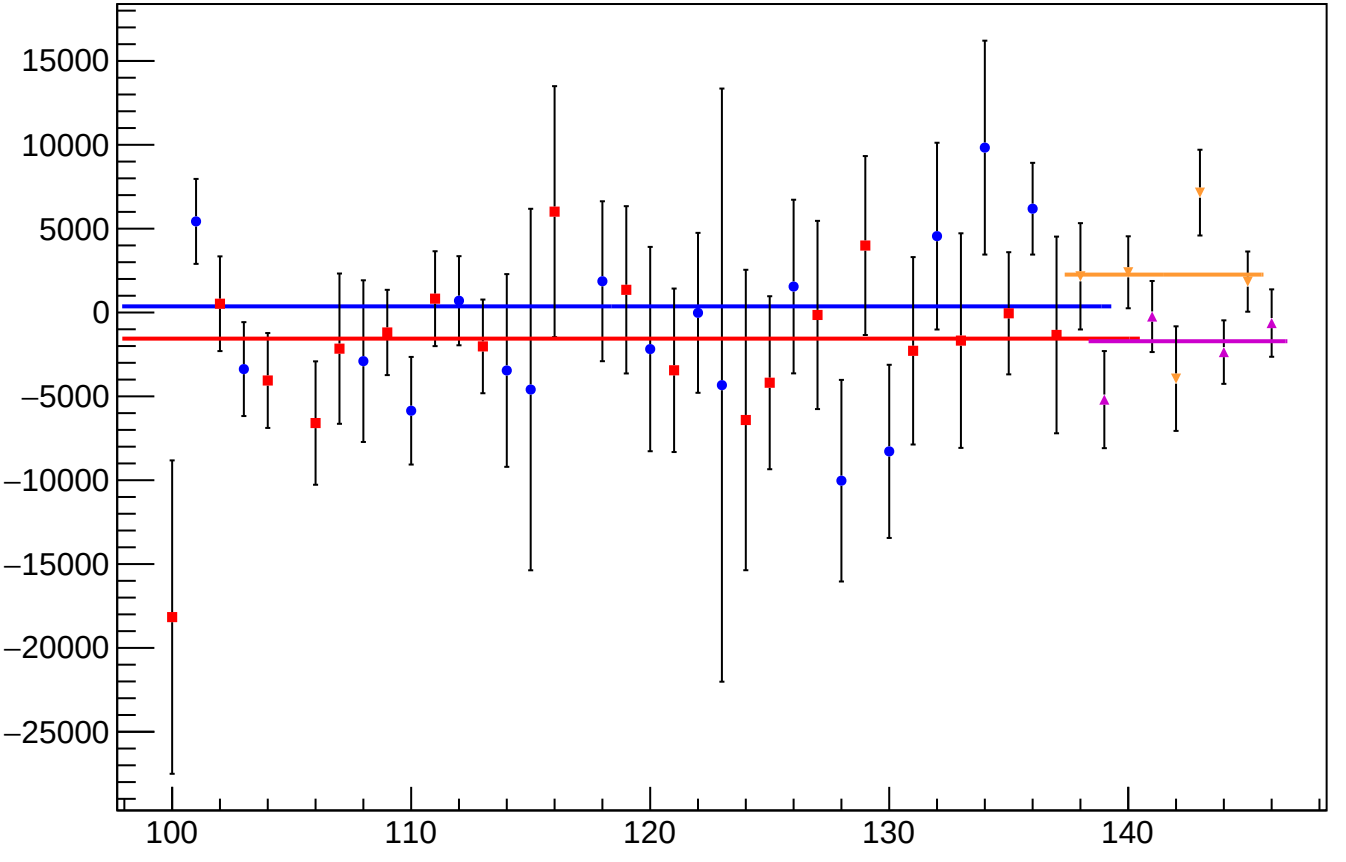
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1933.470+/-0.762 χ^2/NDF:132384.7/3

Out: 1932.859+/-0.760 χ^2/NDF:236279.7/4

All: 1933.163+/-0.538 χ^2/NDF: 368664.7/8

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 2260.679+/-1064.409 χ^2/NDF:7.7/4

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -1712.406+/-1073.115 χ^2/NDF:2.3/3

Left: 290.317+/-755.710 χ^2/NDF: 16.9/8

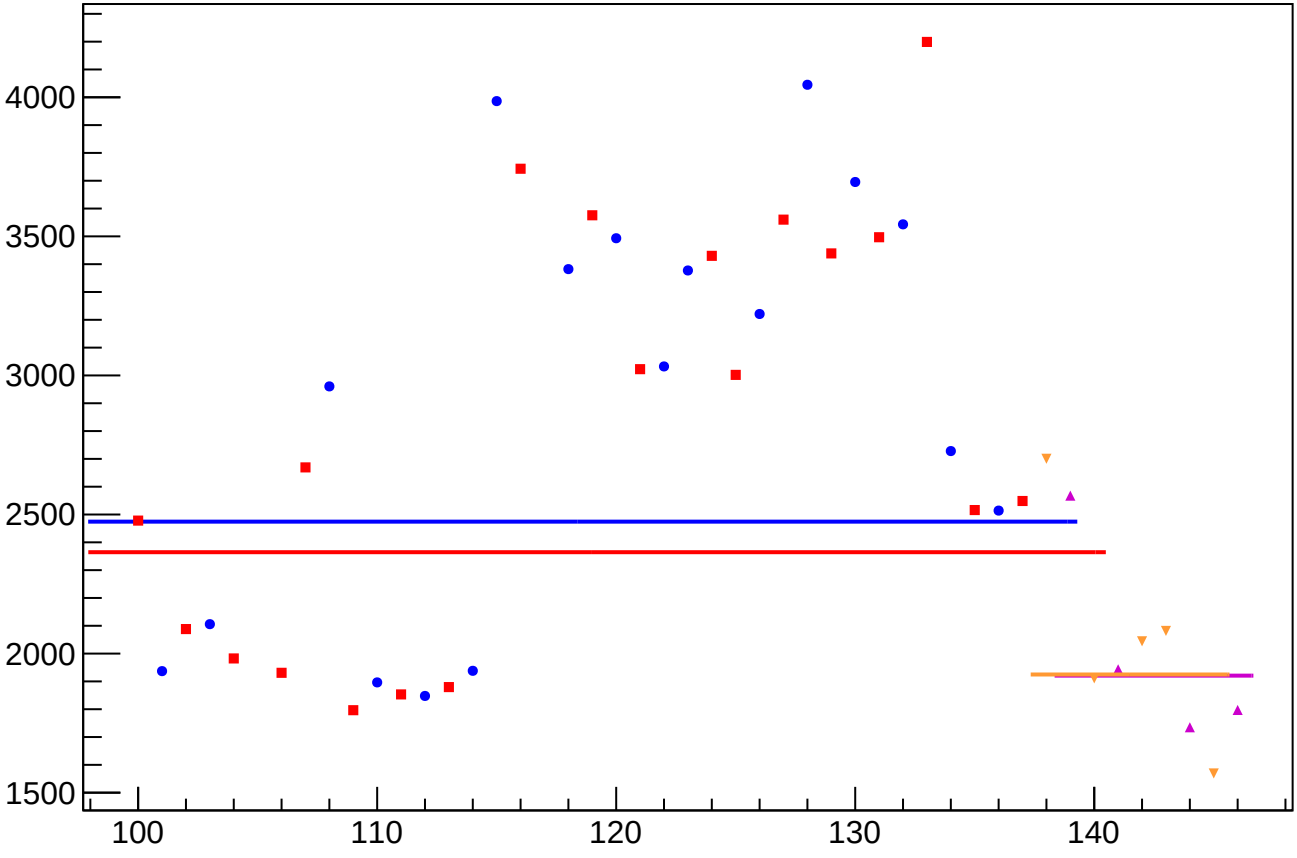
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -591.947+/-728.630 χ^2/NDF:28.5/20

Out: 83.380+/-697.767 χ^2/NDF:25.5/23

All: -239.678+/-503.954 χ^2/NDF: 54.5/44

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 1924.842+/-0.753 χ^2/NDF:208746.3/4

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 1920.742+/-0.759 χ^2/NDF:126908.6/3

Left: 1922.809+/-0.534 χ^2/NDF: 335669.6/8

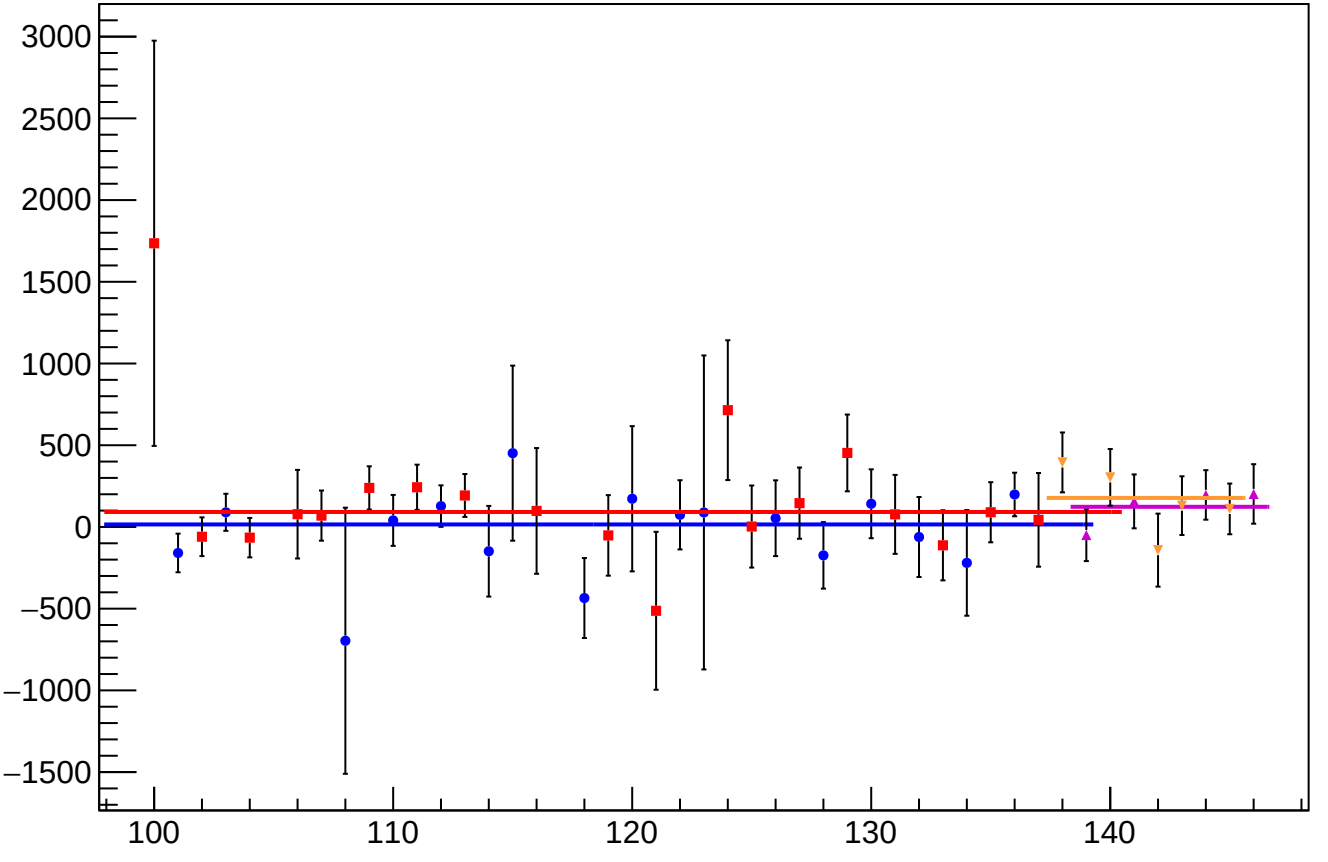
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2219.145+/-0.515 χ^2/NDF:1320099.1/20

Out: 2175.566+/-0.493 χ^2/NDF:1426744.3/23

All: 2196.413+/-0.356 χ^2/NDF: 2750575.3/44

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 177.518+/-80.168 χ^2/NDF:4.2/4

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 123.243+/-81.713 χ^2/NDF:1.6/3

Left: 150.898+/-57.226 χ^2/NDF: 6.1/8

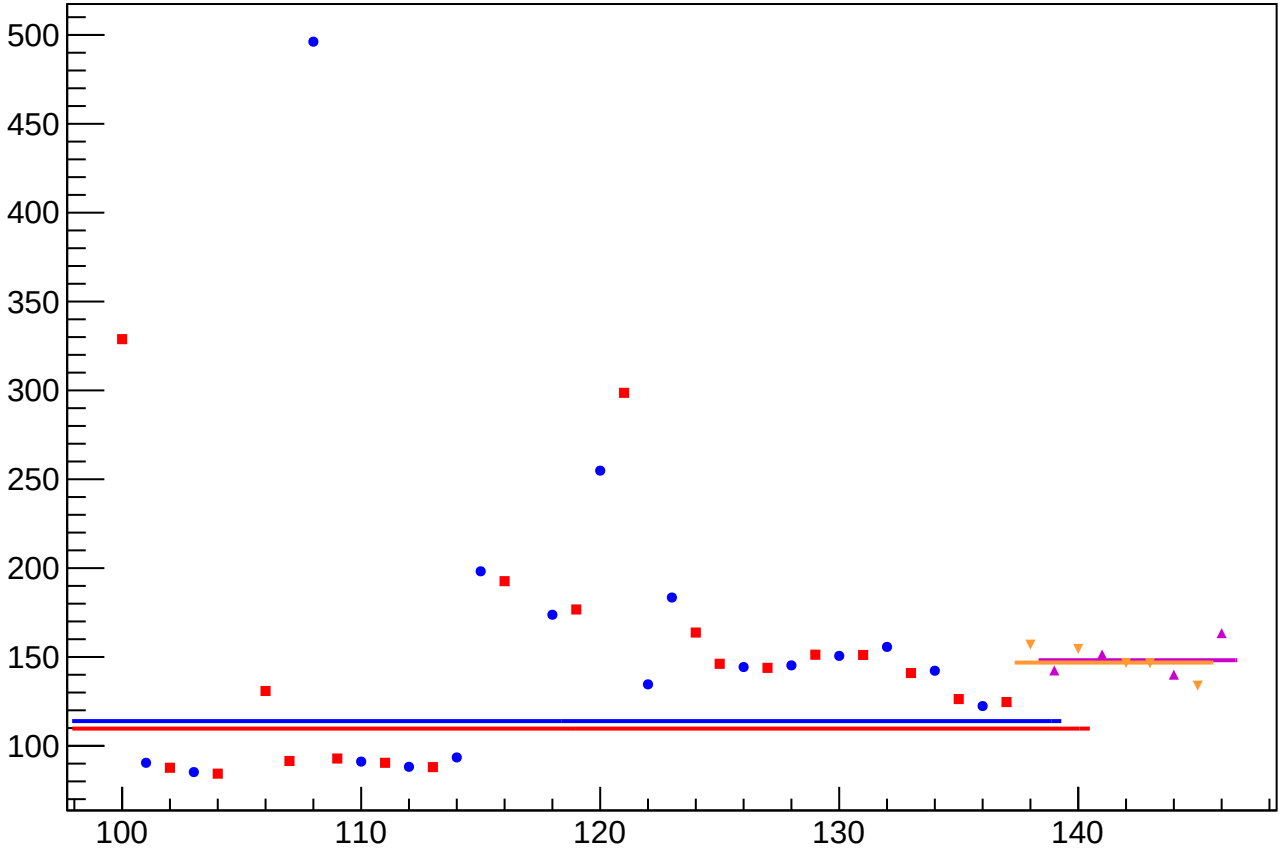
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 41.658+/-40.377 χ^2/NDF:15.5/20

Out: 111.042+/-38.110 χ^2/NDF:20.8/23

All: 78.353+/-27.715 χ^2/NDF: 37.8/44

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 146.859+/-0.057 χ^2/NDF:23949.4/4

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 148.184+/-0.058 χ^2/NDF:23105.7/3

Left: 147.509+/-0.040 χ^2/NDF: 47323.0/8

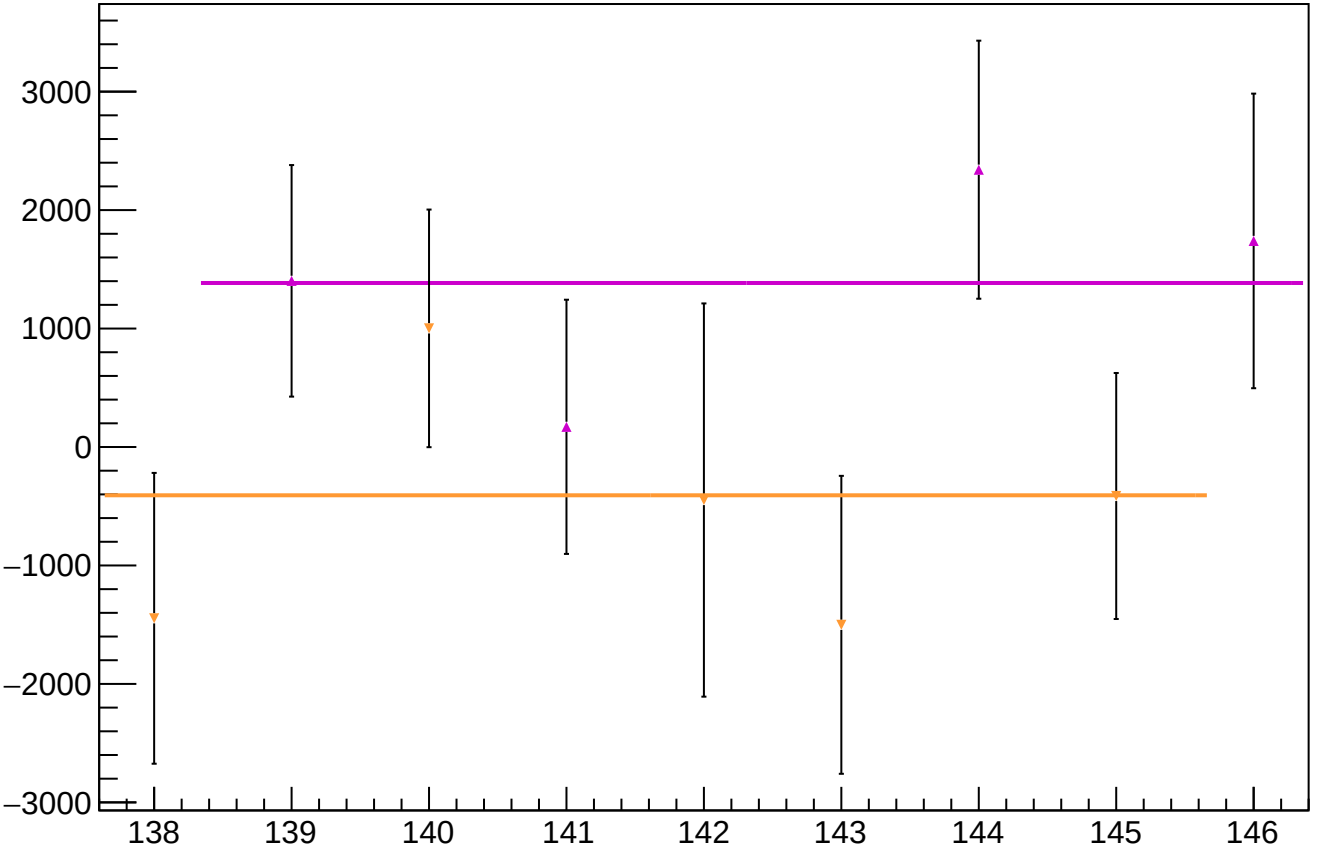
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 122.295+/-0.029 χ^2/NDF:1696567.8/20

Out: 118.105+/-0.027 χ^2/NDF:1598379.4/23

All: 120.079+/-0.020 χ^2/NDF: 3306338.5/44

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -407.618+/-528.490 χ^2/NDF:3.4/4

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

Left In: 1384.642+/-541.933 χ^2/NDF:2.1/3

Left: 466.008+/-378.362 χ^2/NDF: 11.2/8

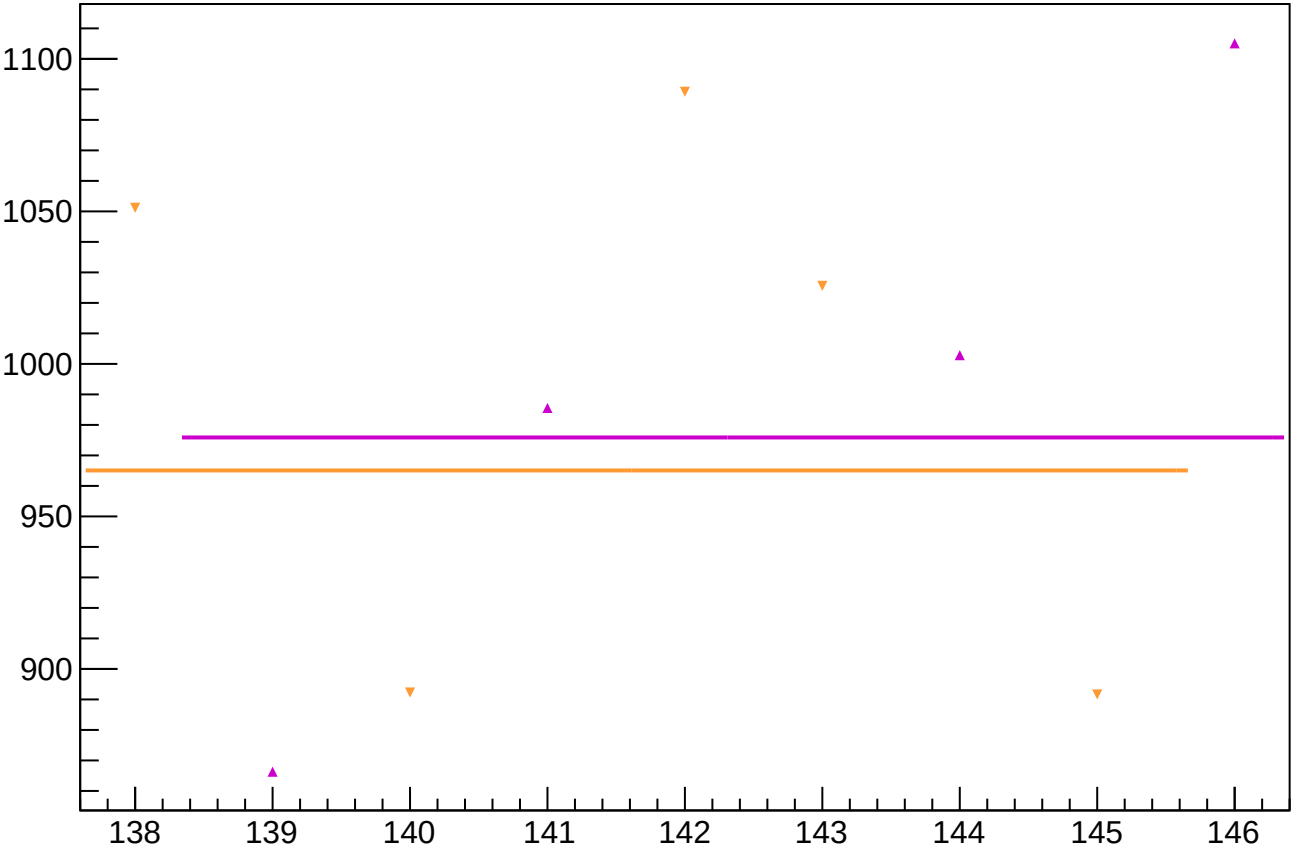
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1384.642+/-541.933 χ^2/NDF:2.1/3

Out: -407.618+/-528.490 χ^2/NDF:3.4/4

All: 466.008+/-378.362 χ^2/NDF: 11.2/8

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 965.075+/-0.374 χ^2/NDF:46203.1/4

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

Left In: 975.889+/-0.383 χ^2/NDF:48119.0/3

Left: 970.346+/-0.268 χ^2/NDF: 94730.4/8

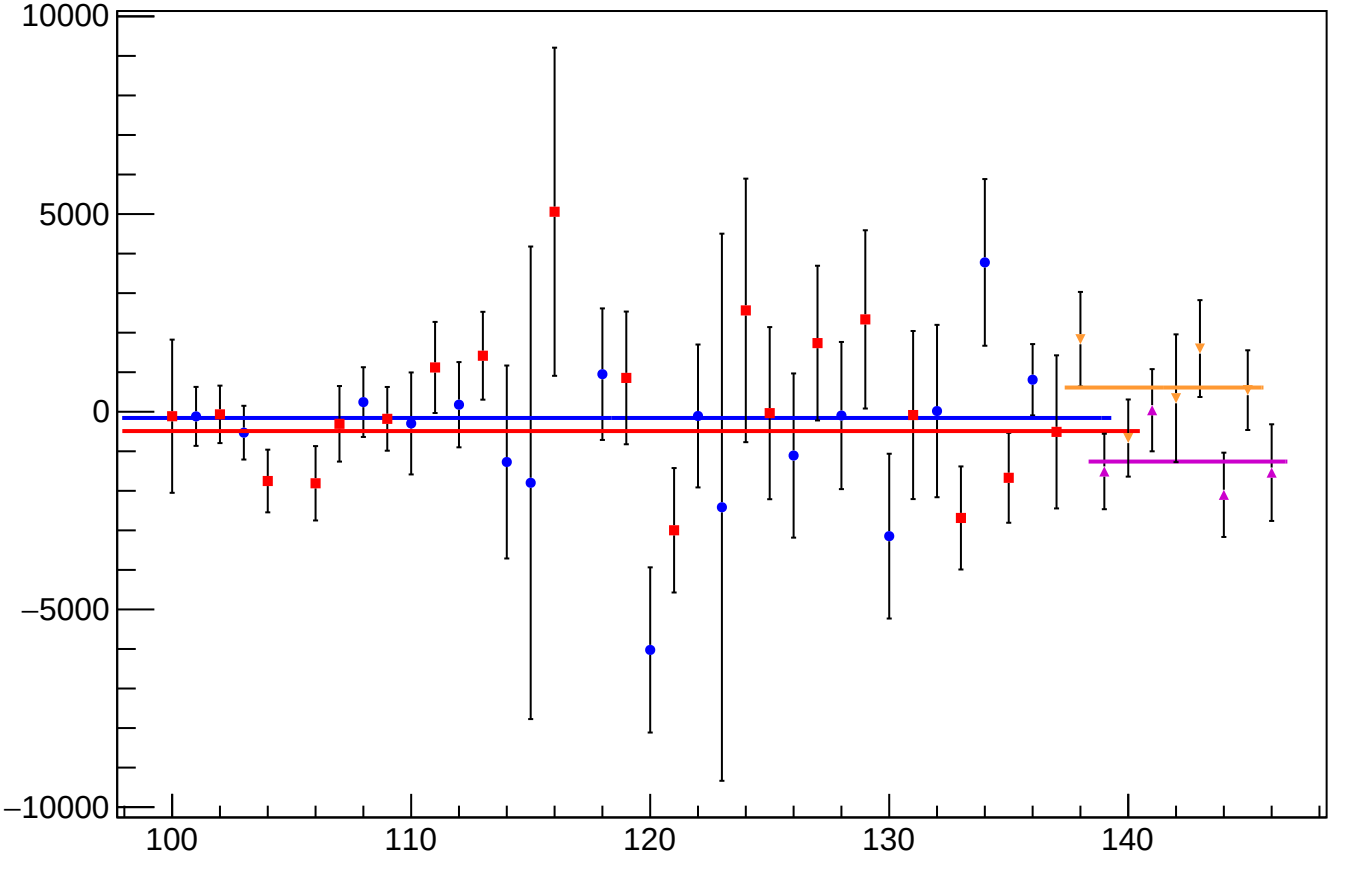
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 975.889+/-0.383 χ^2/NDF:48119.0/3

Out: 965.075+/-0.374 χ^2/NDF:46203.1/4

All: 970.346+/-0.268 χ^2/NDF: 94730.4/8

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 612.559+/-514.160 χ^2/NDF:3.4/4

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -1259.858+/-529.036 χ^2/NDF:2.3/3

Left: -296.953+/-368.713 χ^2/NDF: 12.2/8

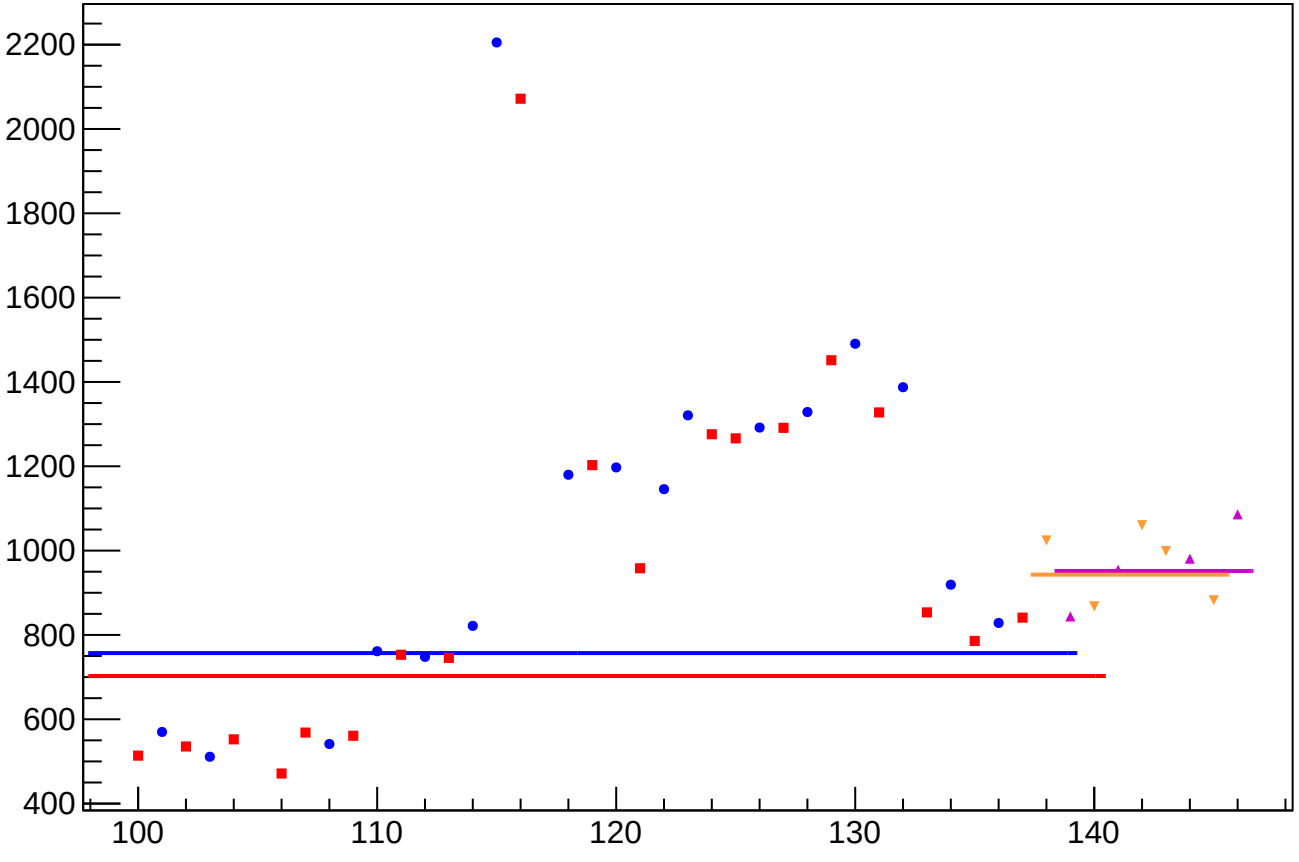
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -442.405+/-269.064 χ^2/NDF:21.8/20

Out: -232.888+/-247.763 χ^2/NDF:29.6/23

All: -329.026+/-182.261 χ^2/NDF: 51.7/44

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 943.011+/-0.364 χ^2/NDF:43056.1/4

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 951.685+/-0.374 χ^2/NDF:51216.1/3

Left: 947.225+/-0.261 χ^2/NDF: 94548.7/8

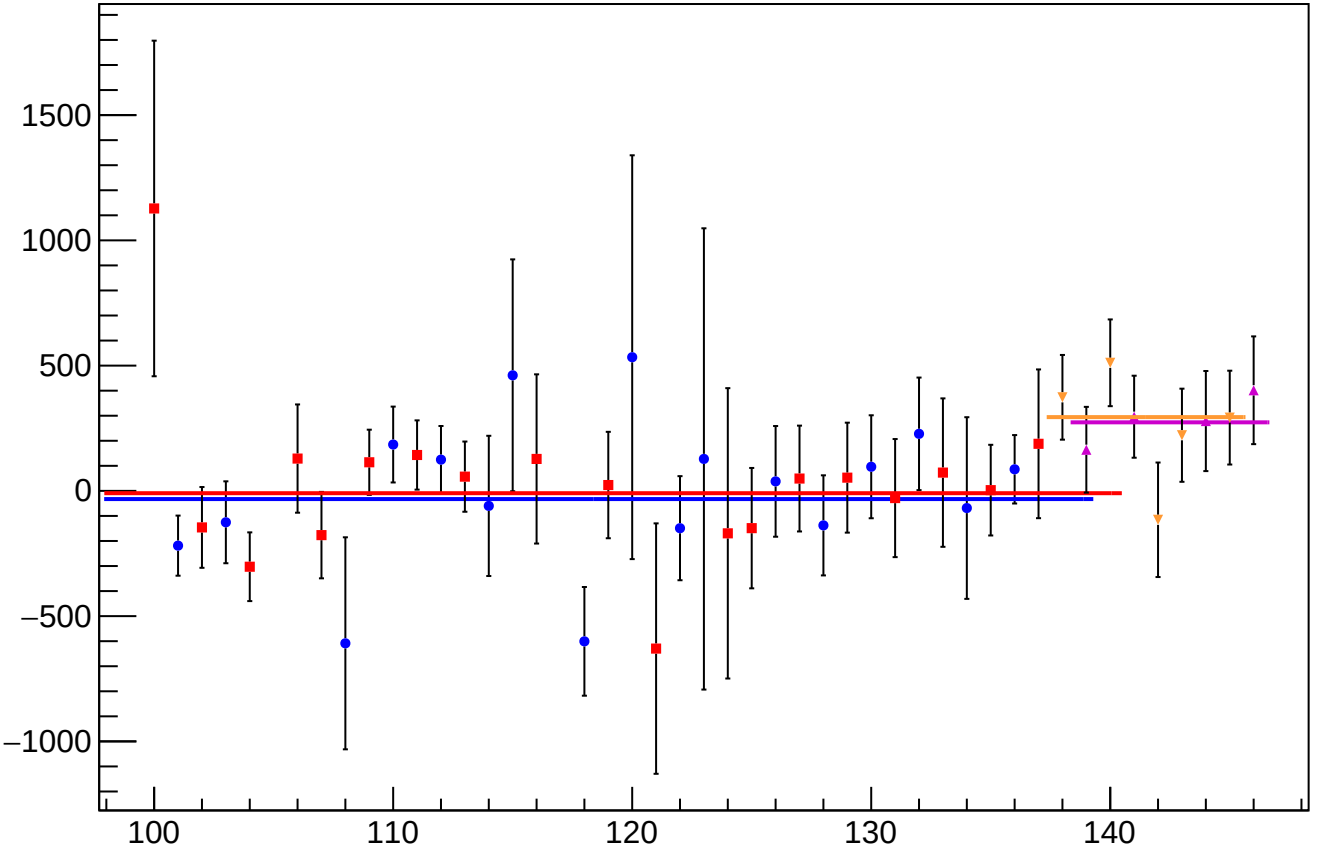
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 807.347+/-0.190 χ^2/NDF:1963321.3/20

Out: 758.469+/-0.175 χ^2/NDF:2068207.1/23

All: 780.897+/-0.129 χ^2/NDF: 4067245.3/44

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 294.453+/-83.060 χ^2/NDF:5.2/4

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 273.598+/-92.007 χ^2/NDF:0.8/3

Left: 285.089+/-61.653 χ^2/NDF: 6.0/8

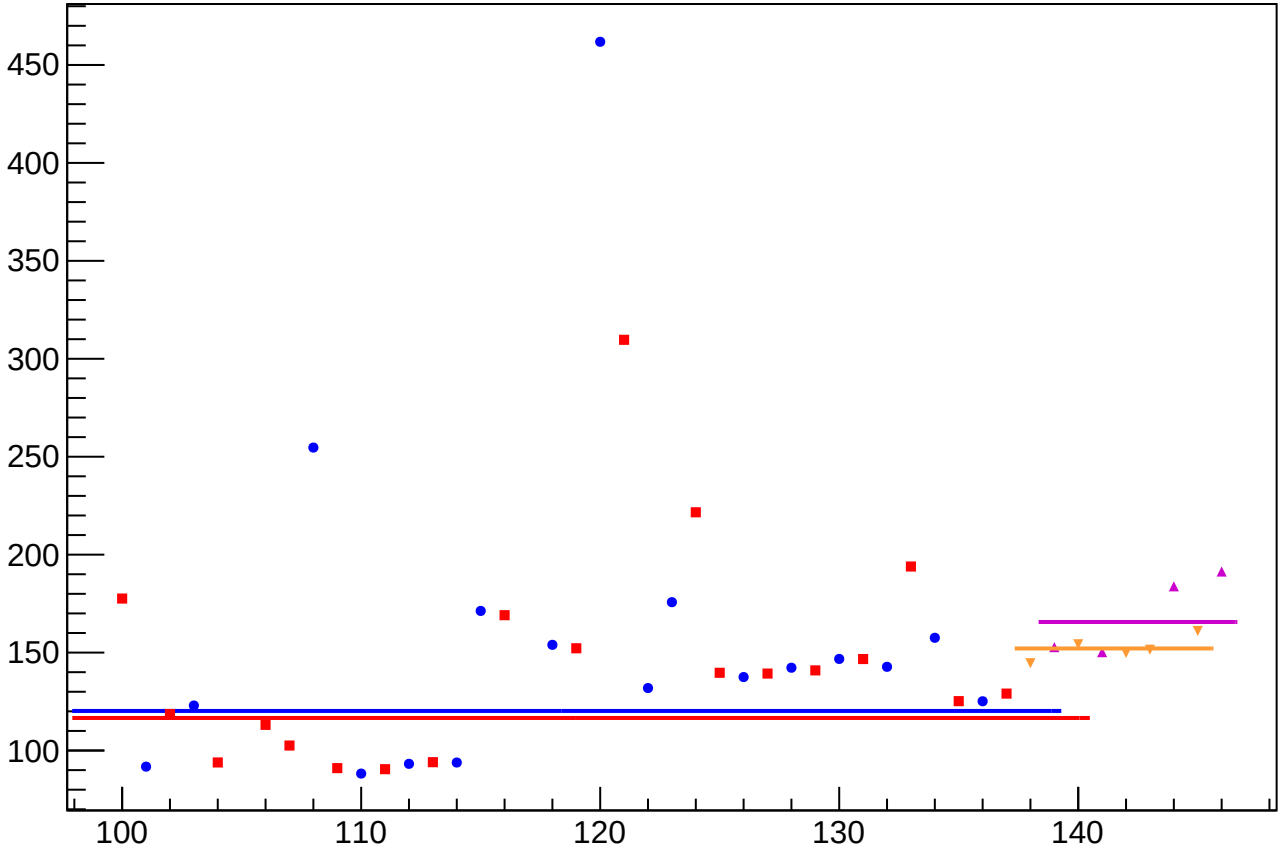
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 33.761+/-42.856 χ^2/NDF:29.2/20

Out: 61.066+/-39.972 χ^2/NDF:30.1/23

All: 48.363+/-29.231 χ^2/NDF: 59.5/44

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 152.106+/-0.059 χ^2/NDF:9058.4/4

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 165.624+/-0.065 χ^2/NDF:74277.8/3

Left: 158.176+/-0.044 χ^2/NDF: 107123.1/8

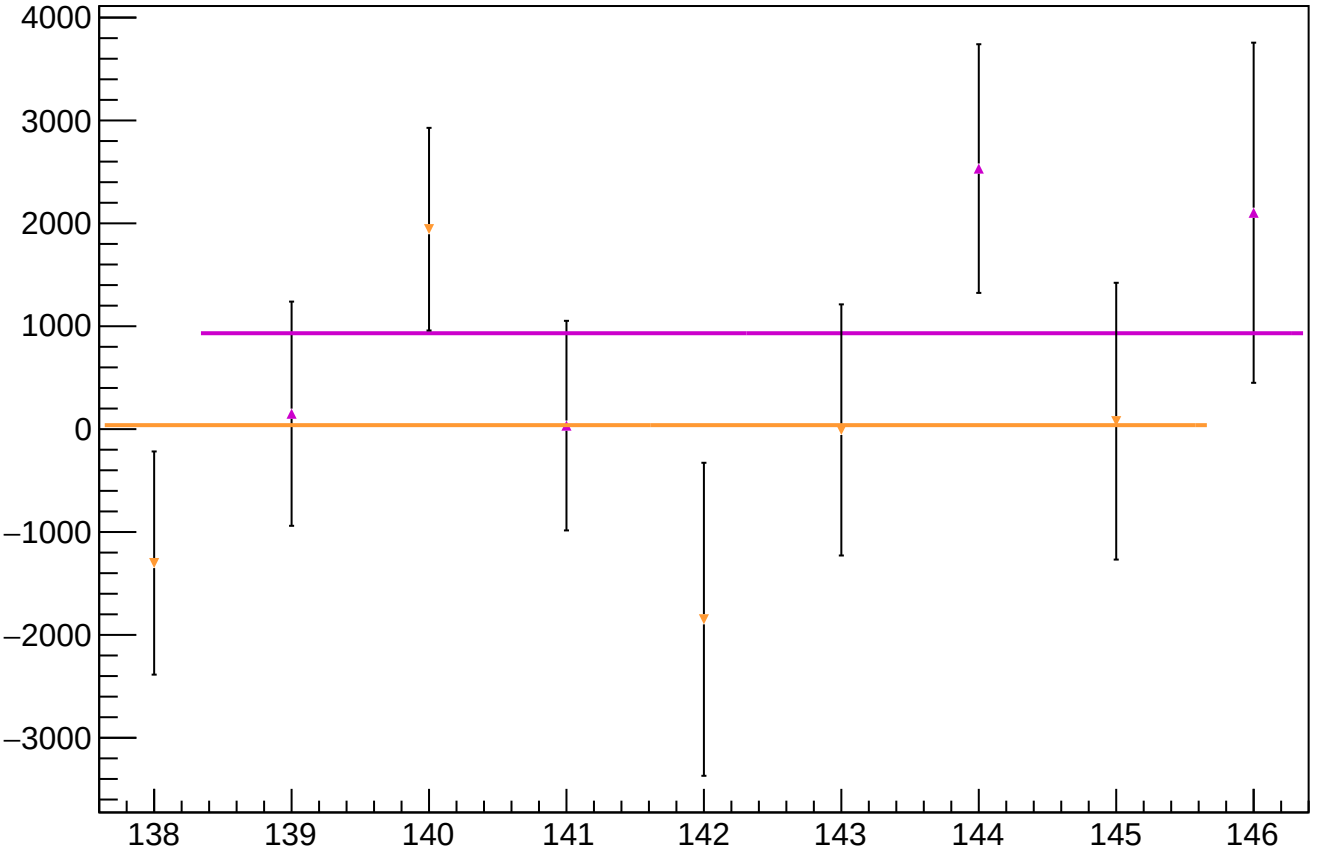
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 130.061+/-0.030 χ^2/NDF:1518201.5/20

Out: 124.837+/-0.028 χ^2/NDF:1287552.2/23

All: 127.267+/-0.021 χ^2/NDF: 2821644.7/44

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 38.687+/-531.651 χ^2/NDF:6.8/4

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

Left In: 932.088+/-591.627 χ^2/NDF:3.5/3

Left: 437.821+/-395.443 χ^2/NDF: 11.6/8

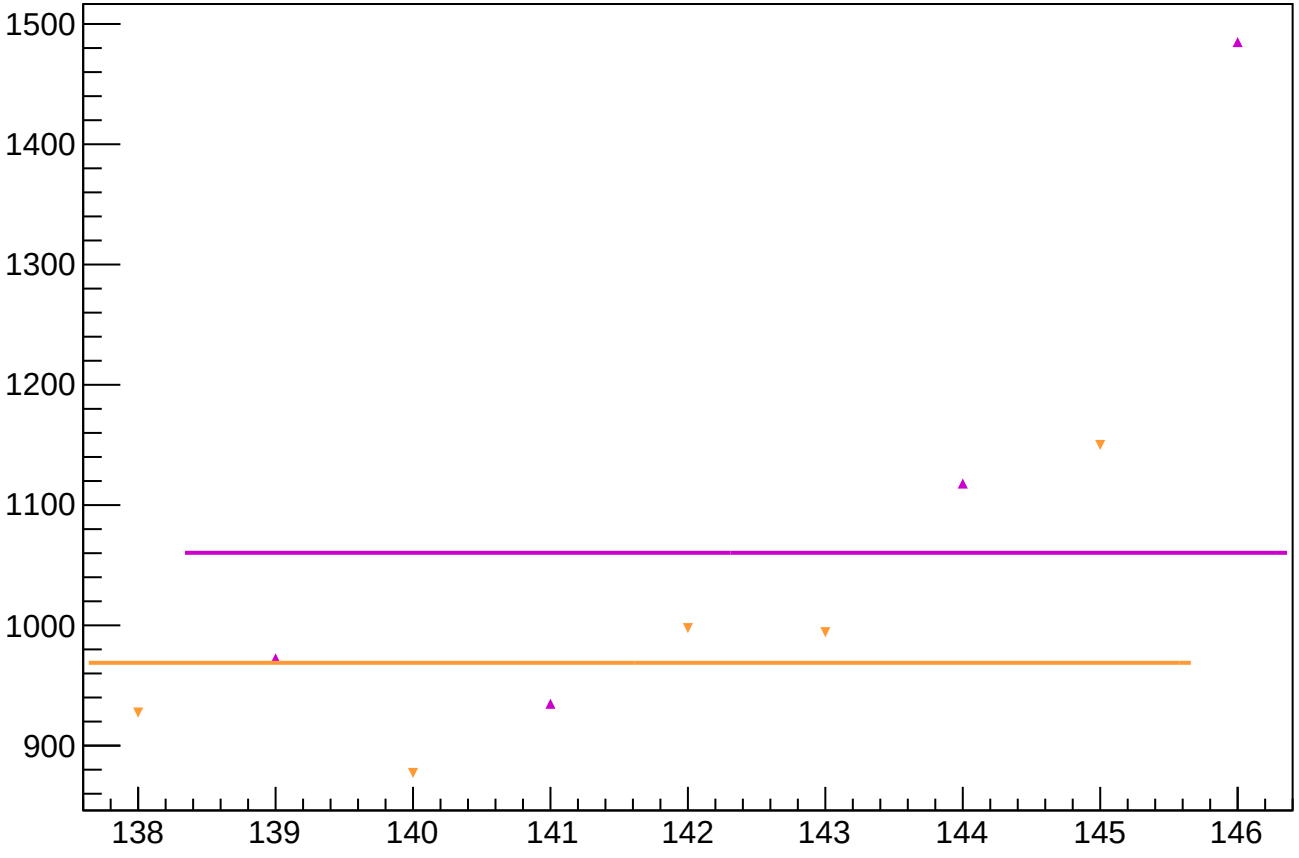
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 932.088+/-591.627 χ^2/NDF:3.5/3

Out: 38.687+/-531.651 χ^2/NDF:6.8/4

All: 437.821+/-395.443 χ^2/NDF: 11.6/8

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 968.859+/-0.376 χ^2/NDF:58066.8/4

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

Left In: 1060.321+/-0.418 χ^2/NDF:179848.0/3

Left: 1009.720+/-0.280 χ^2/NDF: 264359.2/8

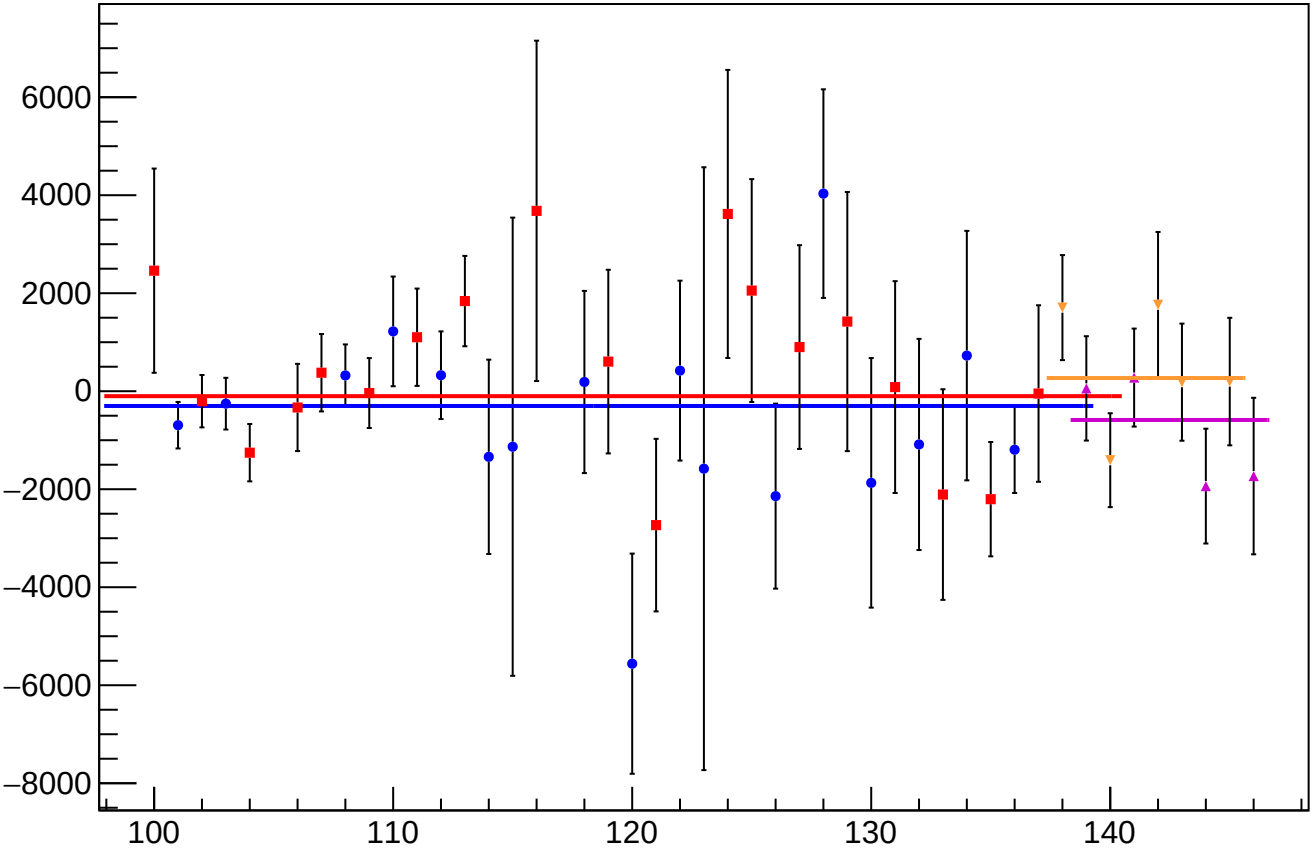
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1060.321+/-0.418 χ^2/NDF:179848.0/3

Out: 968.859+/-0.376 χ^2/NDF:58066.8/4

All: 1009.720+/-0.280 χ^2/NDF: 264359.2/8

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: 269.165+/-519.649 χ^2/NDF:5.9/4

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: -586.723+/-577.170 χ^2/NDF:3.0/3

Left: -114.016+/-386.187 χ^2/NDF: 10.1/8

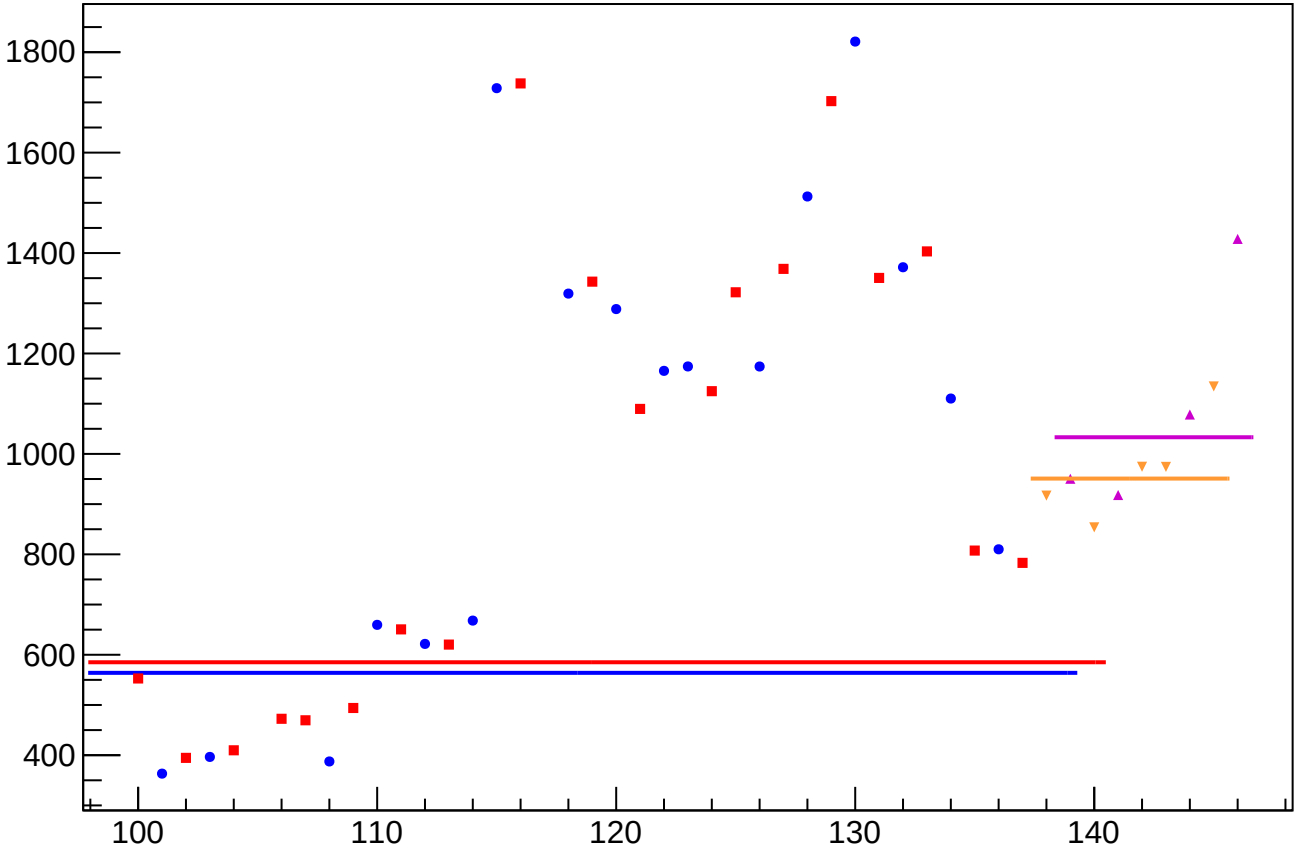
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -346.151+/-229.437 χ^2/NDF:20.0/20

Out: -33.124+/-222.330 χ^2/NDF:28.8/23

All: -184.714+/-159.665 χ^2/NDF: 49.8/44

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 950.870+/-0.367 χ^2/NDF:63584.4/4

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1033.180+/-0.408 χ^2/NDF:163818.7/3

Left: 987.720+/-0.273 χ^2/NDF: 249867.6/8

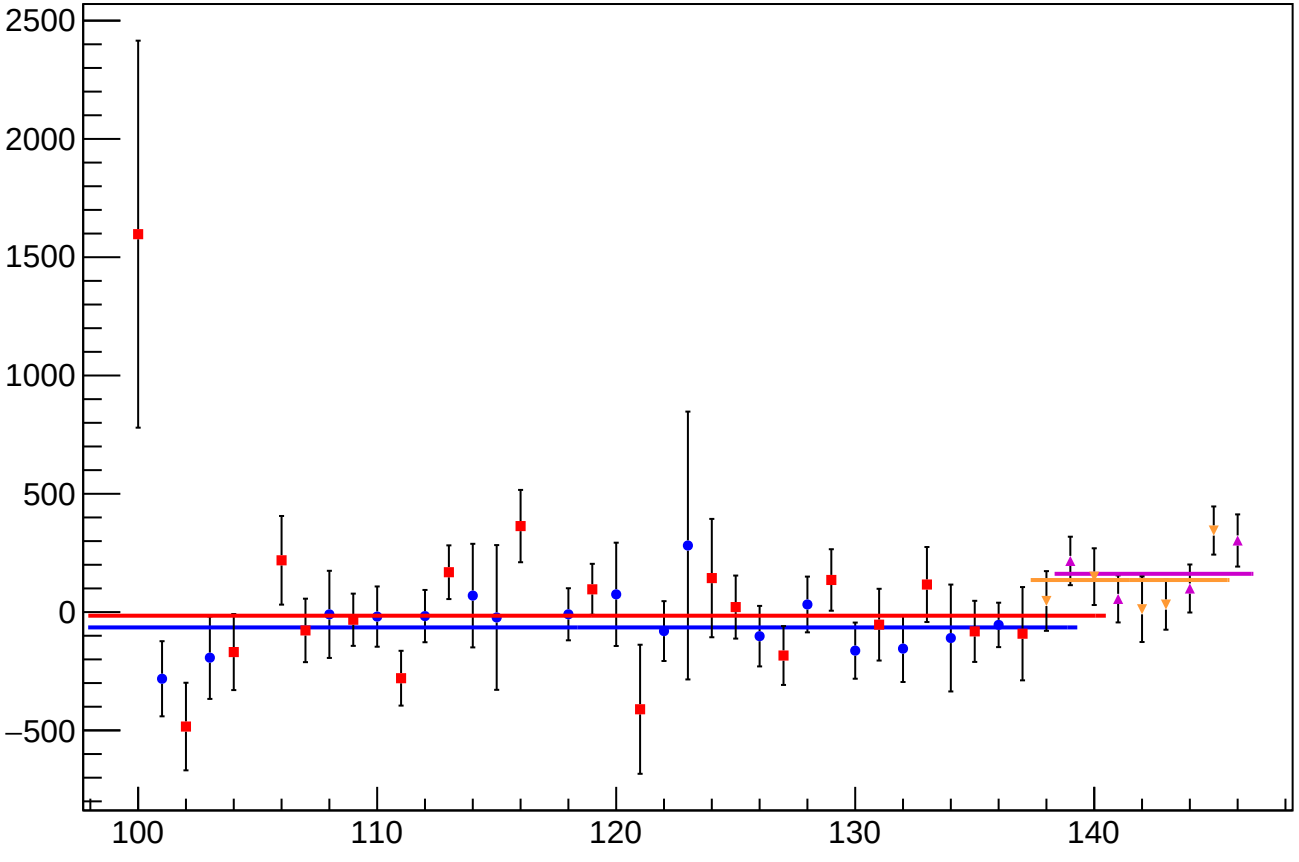
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 638.144+/-0.162 χ^2/NDF:4538052.2/20

Out: 652.030+/-0.157 χ^2/NDF:3694062.4/23

All: 645.305+/-0.113 χ^2/NDF: 8235892.9/44

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 135.494+/-52.011 χ^2/NDF:6.5/4

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 161.773+/-51.584 χ^2/NDF:3.4/3

Left: 148.742+/-36.626 χ^2/NDF: 10.0/8

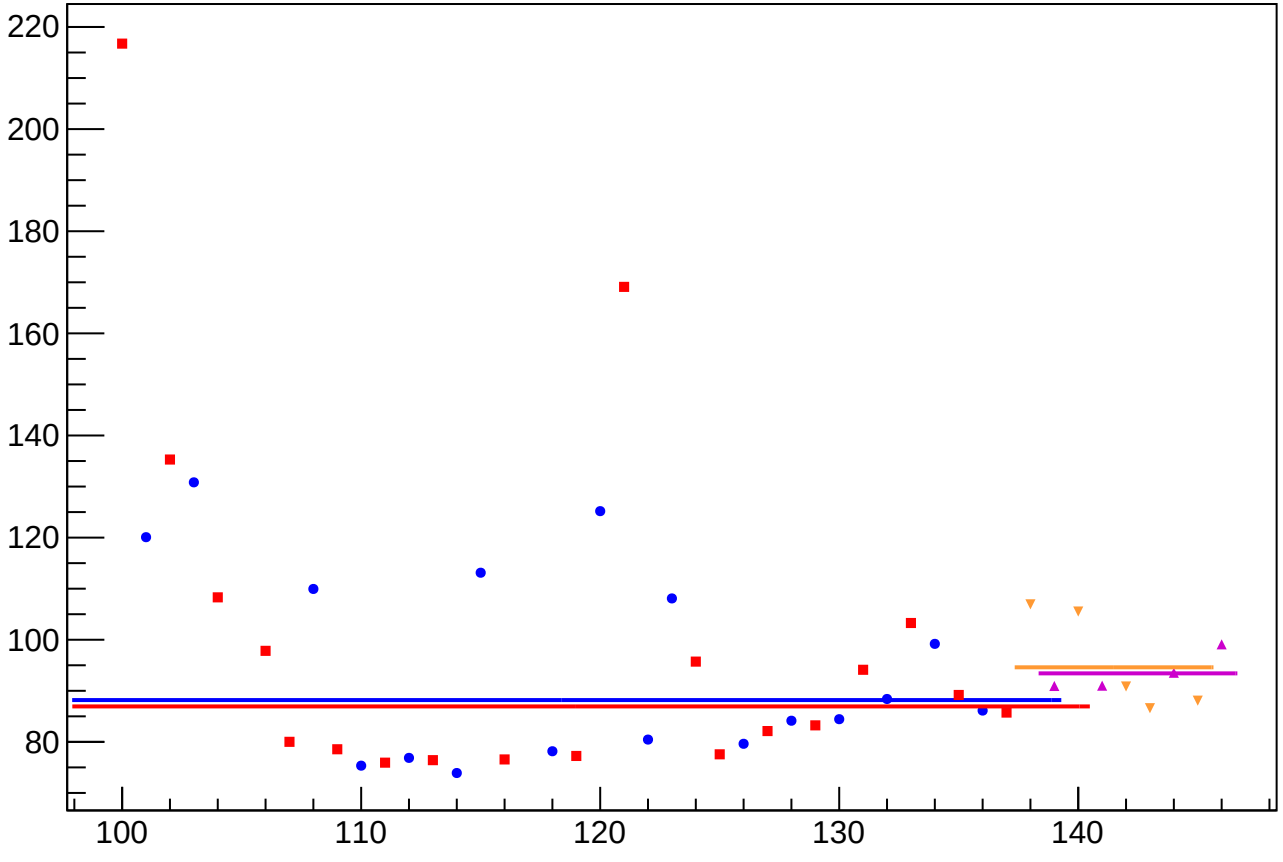
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 5.589+/-28.752 χ^2/NDF:22.9/20

Out: 28.774+/-28.117 χ^2/NDF:47.4/23

All: 17.440+/-20.102 χ^2/NDF: 70.6/44

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 94.600+/-0.037 χ^2/NDF:56774.6/4

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 93.415+/-0.036 χ^2/NDF:7647.6/3

Left: 94.003+/-0.026 χ^2/NDF: 64945.1/8

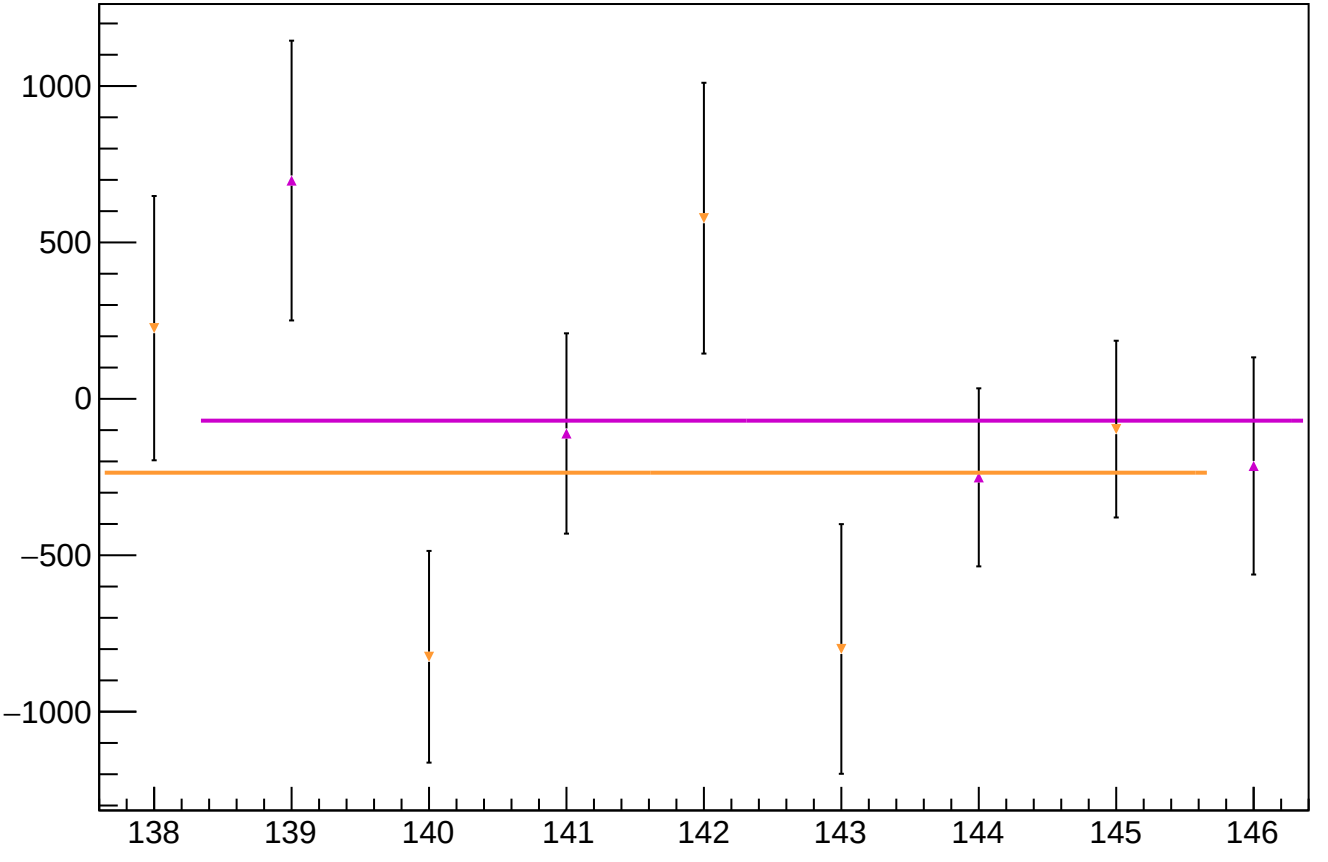
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 89.811+/-0.020 χ^2/NDF:416264.0/20

Out: 89.181+/-0.020 χ^2/NDF:618814.1/23

All: 89.489+/-0.014 χ^2/NDF: 1035569.0/44

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -236.025+/-161.194 χ^2/NDF:10.0/4

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

Left In: -69.719+/-168.069 χ^2/NDF:3.5/3

Left: -156.343+/-116.336 χ^2/NDF: 14.0/8

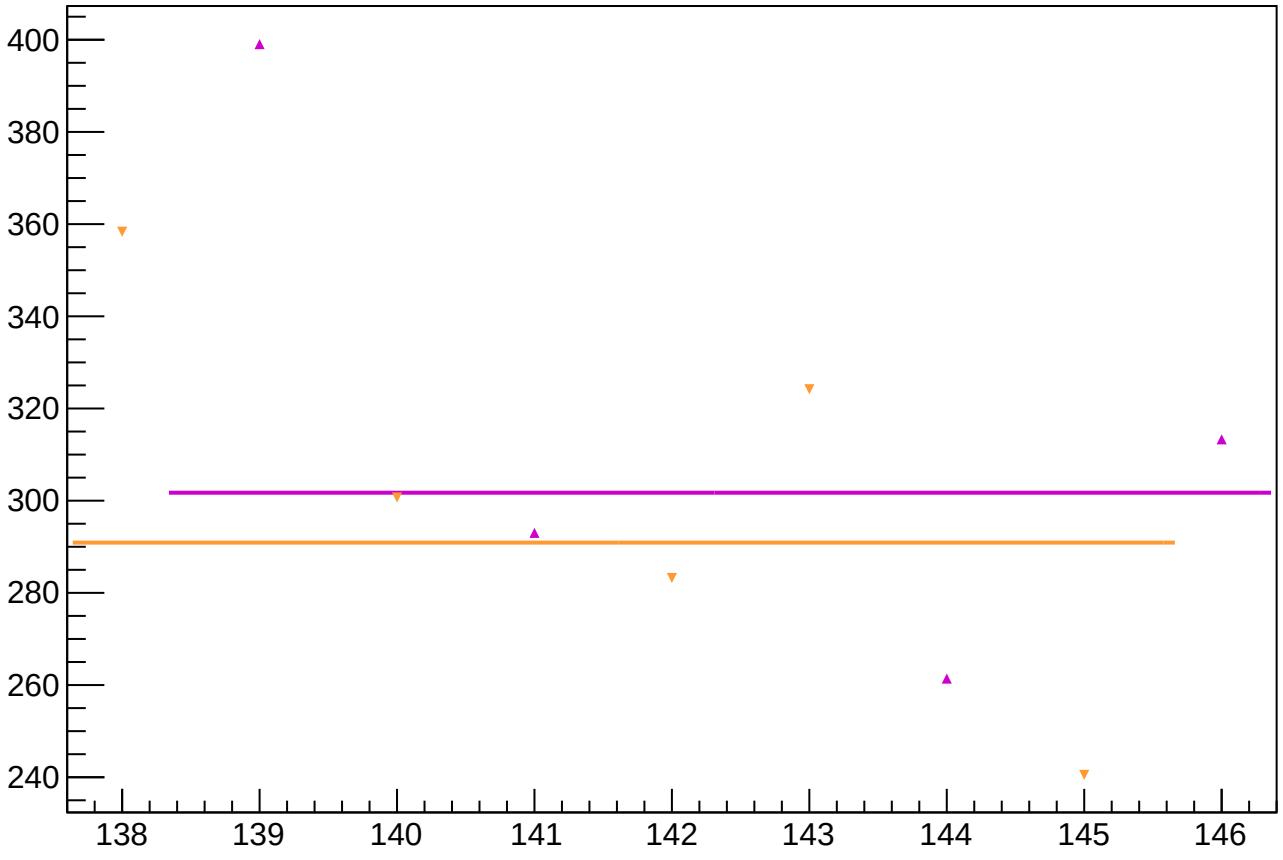
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -69.719+/-168.069 χ^2/NDF:3.5/3

Out: -236.025+/-161.194 χ^2/NDF:10.0/4

All: -156.343+/-116.336 χ^2/NDF: 14.0/8

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 290.906+/-0.114 χ^2/NDF:130831.7/4

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

Left In: 301.730+/-0.119 χ^2/NDF:138591.8/3

Left: 296.092+/-0.082 χ^2/NDF: 273744.7/8

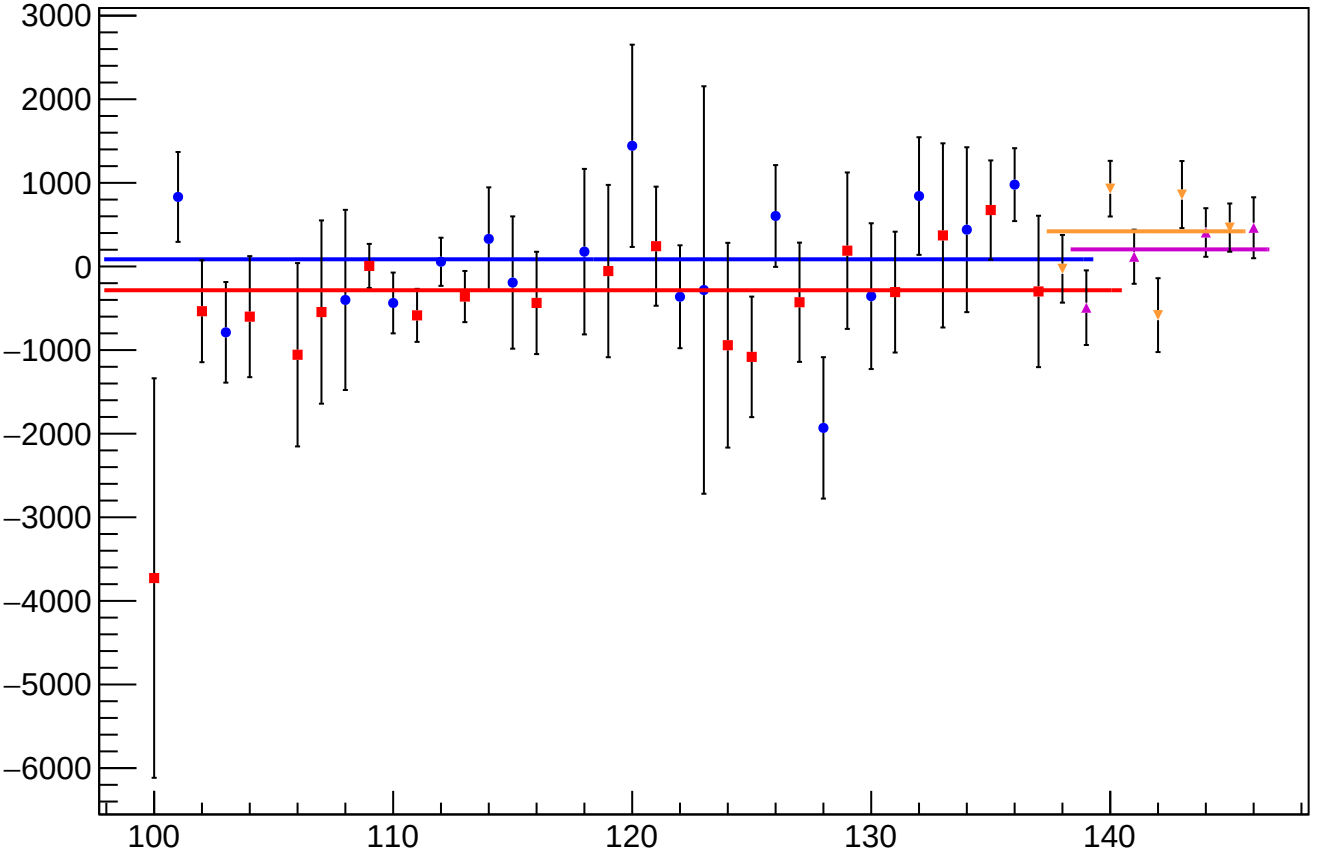
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 301.730+/-0.119 χ^2/NDF:138591.8/3

Out: 290.906+/-0.114 χ^2/NDF:130831.7/4

All: 296.092+/-0.082 χ^2/NDF: 273744.7/8

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 420.443+/-161.180 χ^2/NDF:9.9/4

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 204.294+/-171.670 χ^2/NDF:3.5/3

Left: 319.174+/-117.505 χ^2/NDF: 14.3/8

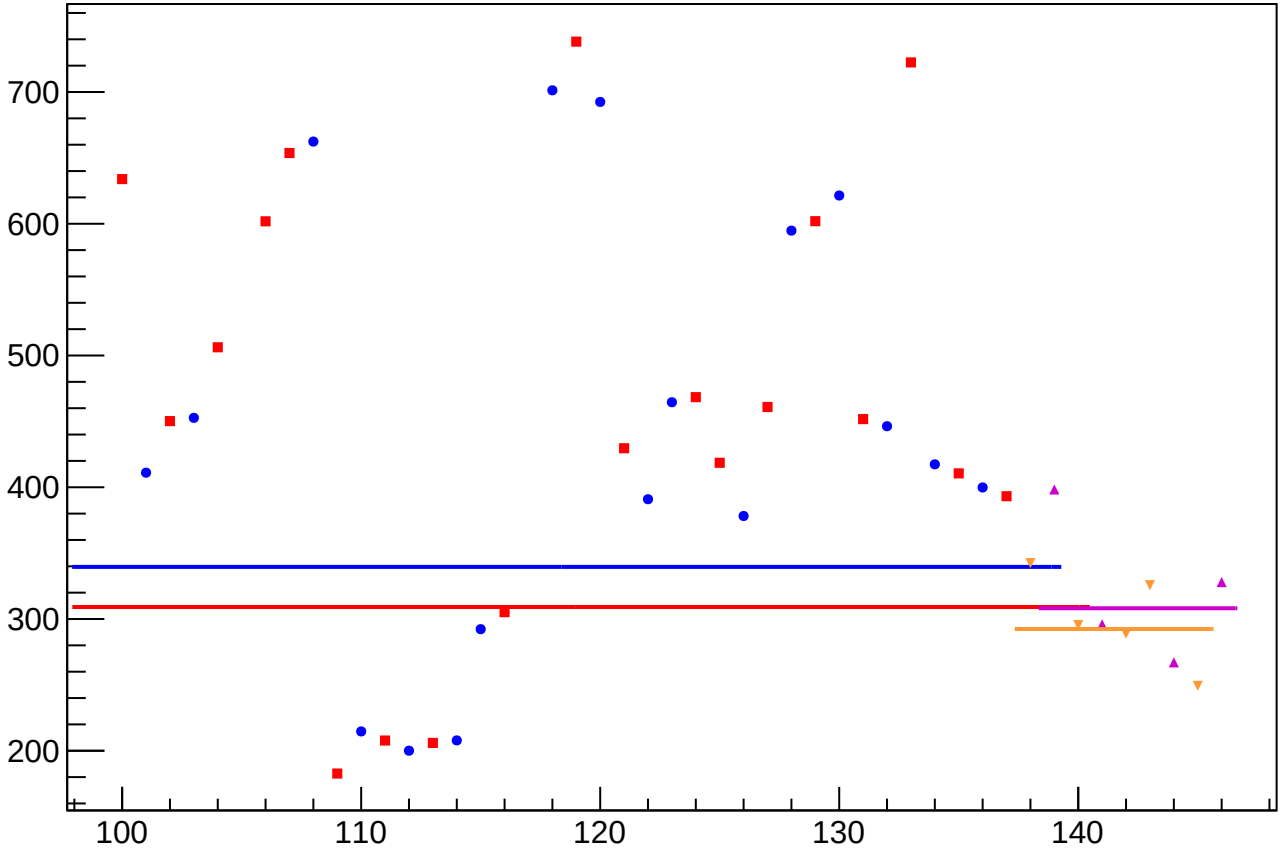
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 134.185+/-109.693 χ^2/NDF:24.3/20

Out: -7.671+/-100.999 χ^2/NDF:32.2/23

All: 57.414+/-74.301 χ^2/NDF: 57.4/44

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 292.426+/-0.114 χ^2/NDF:89356.3/4

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 308.143+/-0.121 χ^2/NDF:130345.2/3

Left: 299.790+/-0.083 χ^2/NDF: 228612.0/8

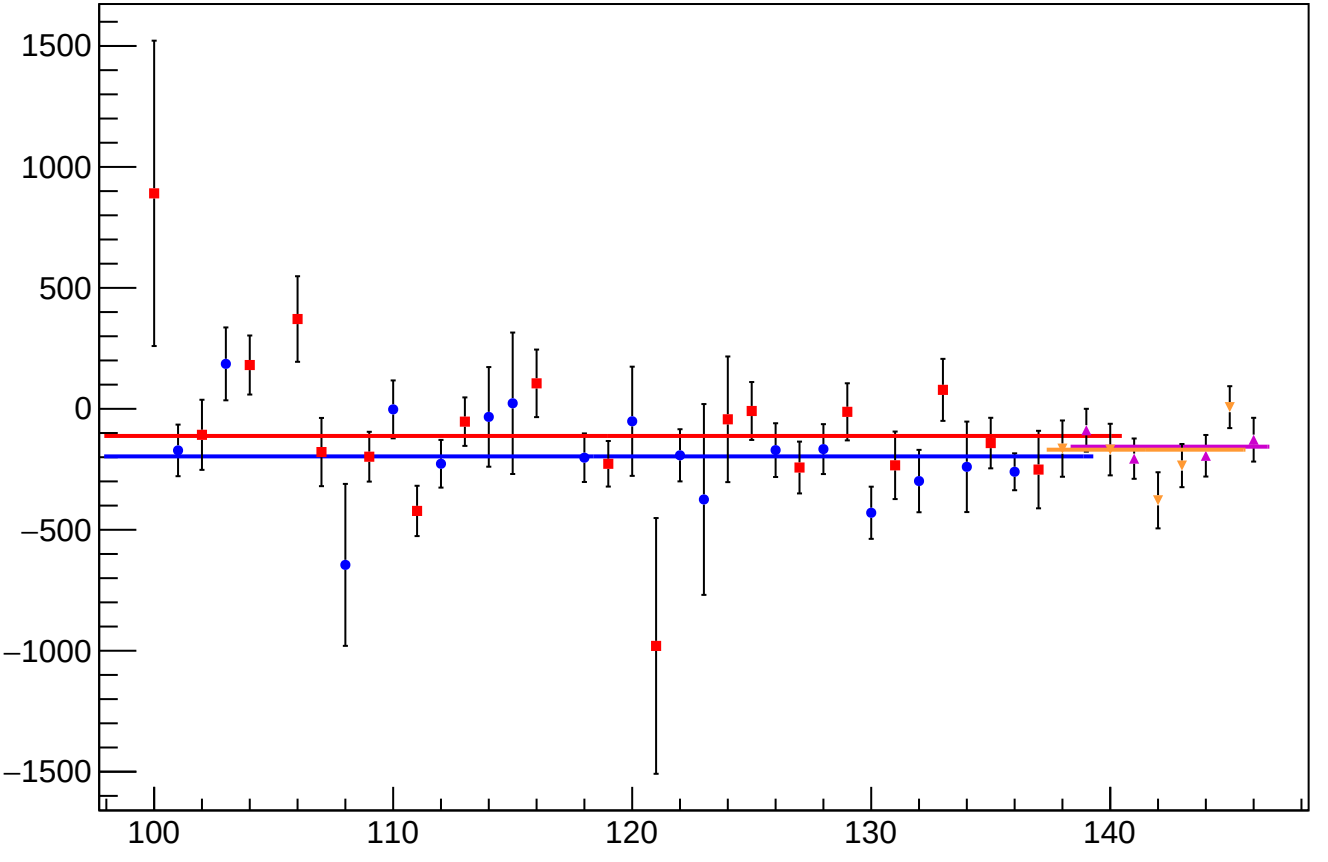
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 326.729+/-0.078 χ^2/NDF:2212204.9/20

Out: 302.556+/-0.071 χ^2/NDF:2832672.4/23

All: 313.646+/-0.053 χ^2/NDF: 5097440.3/44

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -168.880+/-44.950 χ^2/NDF:7.9/4

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -156.432+/-43.465 χ^2/NDF:1.2/3

Left: -162.447+/-31.246 χ^2/NDF: 9.2/8

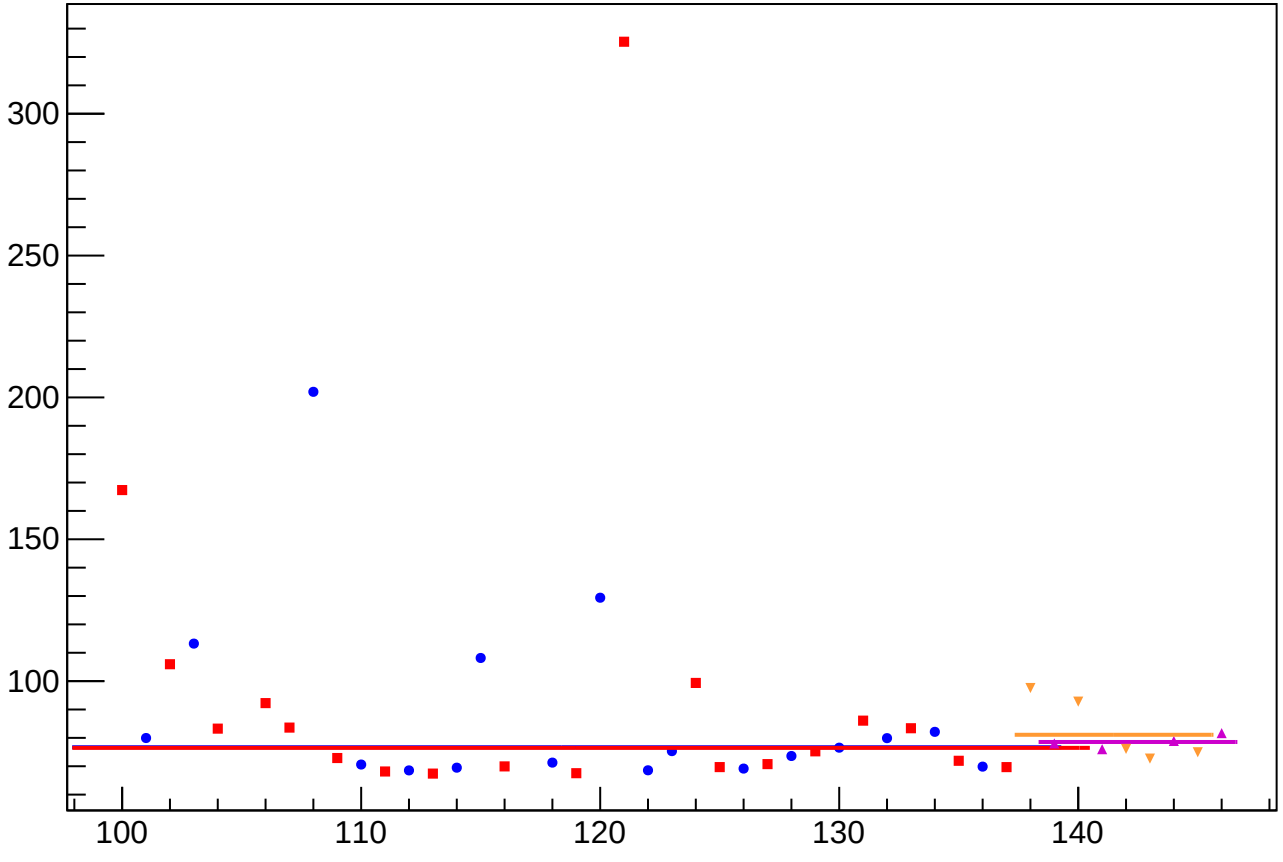
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -183.406+/-24.911 χ^2/NDF:20.8/20

Out: -129.290+/-24.734 χ^2/NDF:48.4/23

All: -156.155+/-17.552 χ^2/NDF: 71.6/44

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 81.089+/-0.032 χ^2/NDF:95698.3/4

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 78.549+/-0.031 χ^2/NDF:4342.6/3

Left: 79.777+/-0.022 χ^2/NDF: 103340.5/8

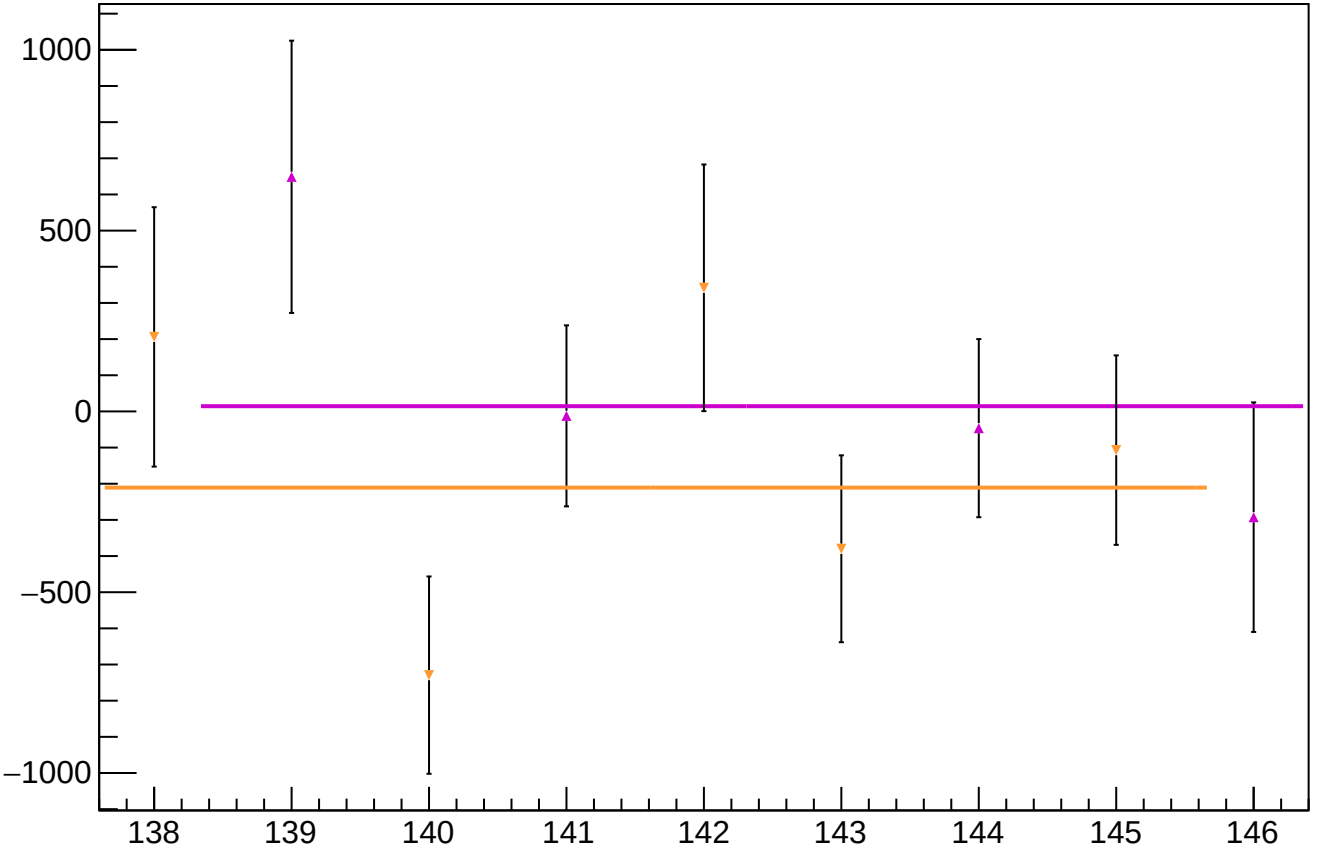
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 77.302+/-0.018 χ^2/NDF:607142.7/20

Out: 77.875+/-0.017 χ^2/NDF:809728.1/23

All: 77.591+/-0.012 χ^2/NDF: 1417403.0/44

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -210.689+/-129.810 χ^2/NDF:8.2/4

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

Left In: 14.460+/-142.248 χ^2/NDF:3.8/3

Left: -108.386+/-95.886 χ^2/NDF: 13.4/8

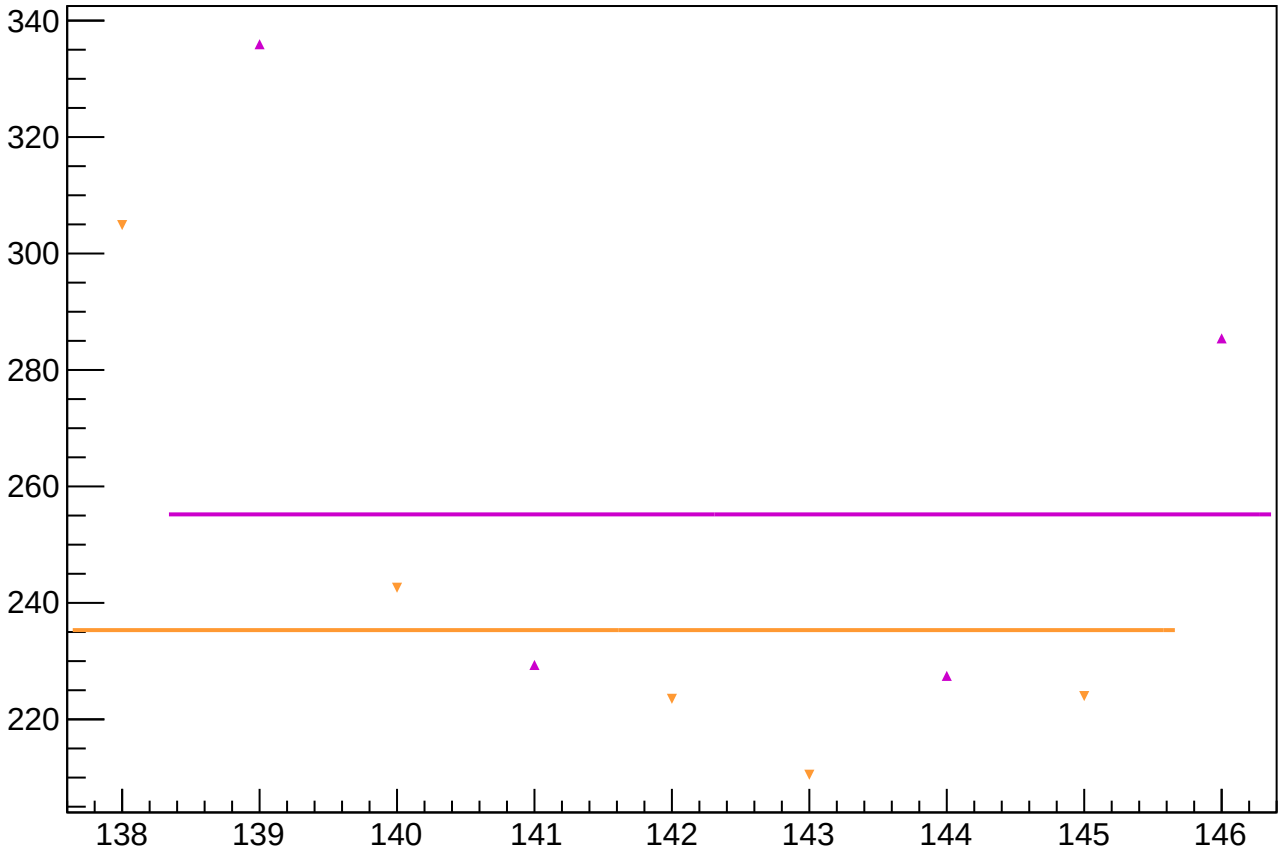
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 14.460+/-142.248 χ^2/NDF:3.8/3

Out: -210.689+/-129.810 χ^2/NDF:8.2/4

All: -108.386+/-95.886 χ^2/NDF: 13.4/8

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 235.325+/-0.092 χ^2/NDF:101250.8/4

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

Left In: 255.200+/-0.101 χ^2/NDF:156812.2/3

Left: 244.356+/-0.068 χ^2/NDF: 279365.4/8

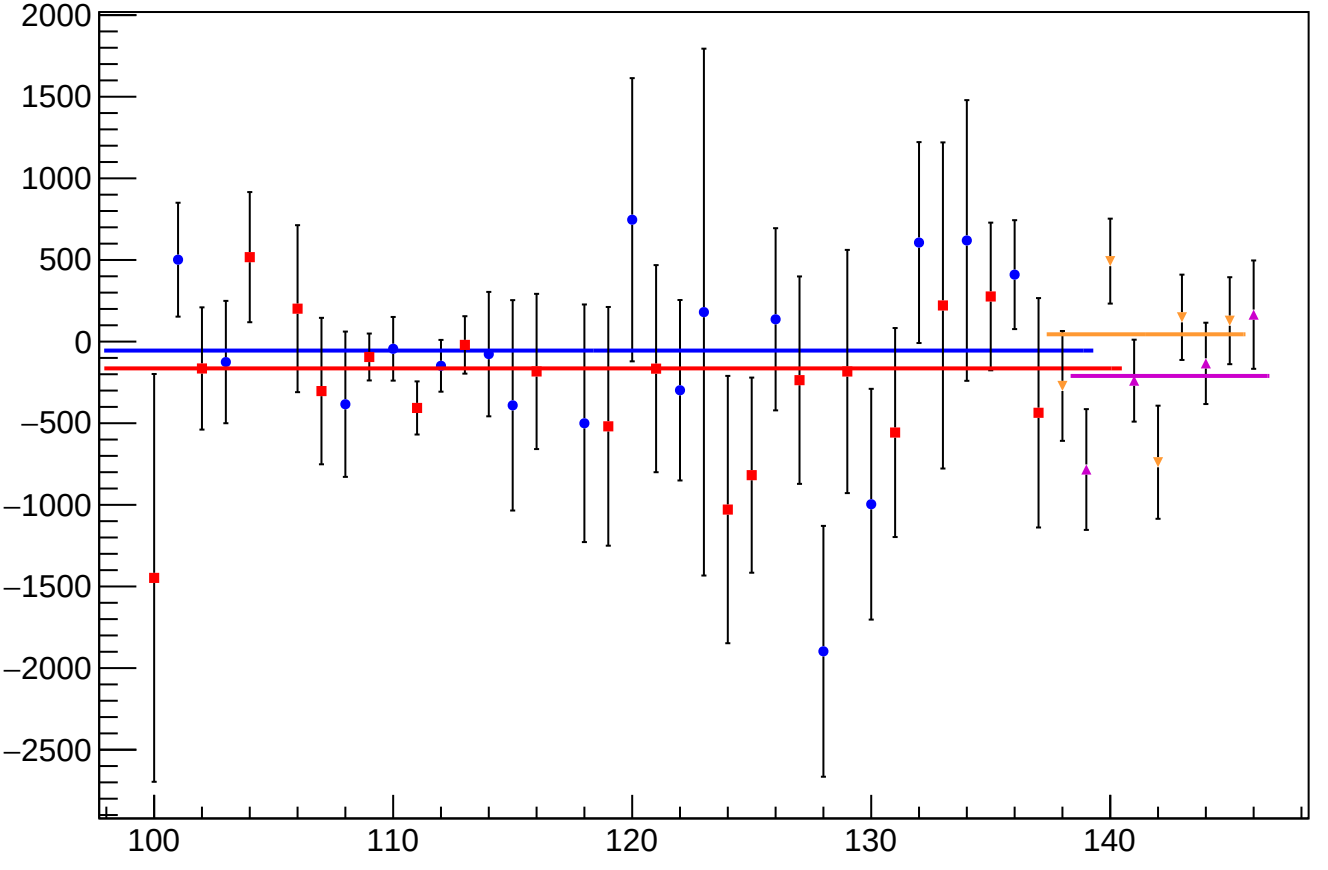
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 255.200+/-0.101 χ^2/NDF:156812.2/3

Out: 235.325+/-0.092 χ^2/NDF:101250.8/4

All: 244.356+/-0.068 χ^2/NDF: 279365.4/8

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 44.738+/-128.372 χ^2/NDF:9.2/4

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -210.343+/-143.768 χ^2/NDF:3.8/3

Left: -68.417+/-95.755 χ^2/NDF: 14.8/8

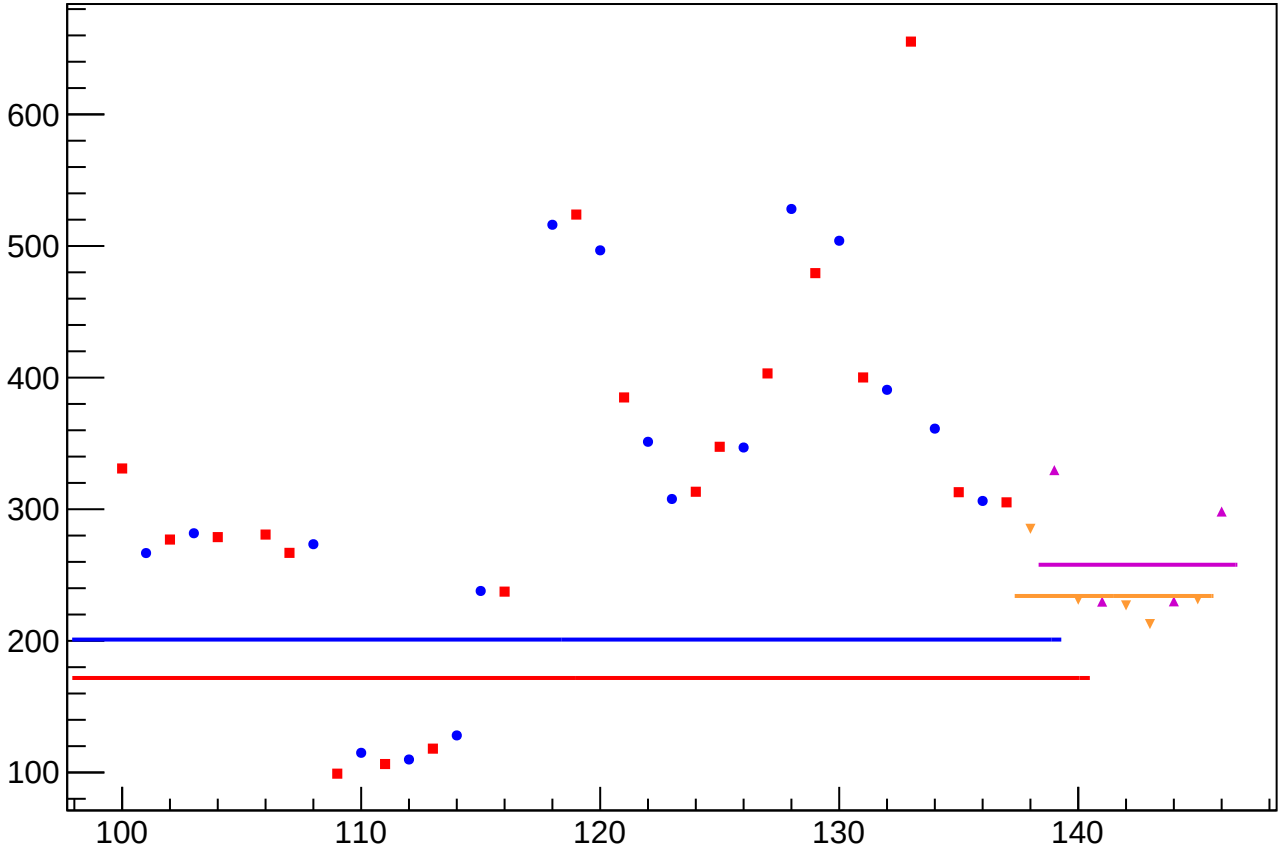
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -98.937+/-76.501 χ^2/NDF:21.2/20

Out: -108.976+/-65.971 χ^2/NDF:23.1/23

All: -104.694+/-49.960 χ^2/NDF: 44.3/44

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 234.101+/-0.091 χ^2/NDF:60638.9/4

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 257.825+/-0.102 χ^2/NDF:155083.3/3

Left: 244.625+/-0.068 χ^2/NDF: 246022.8/8

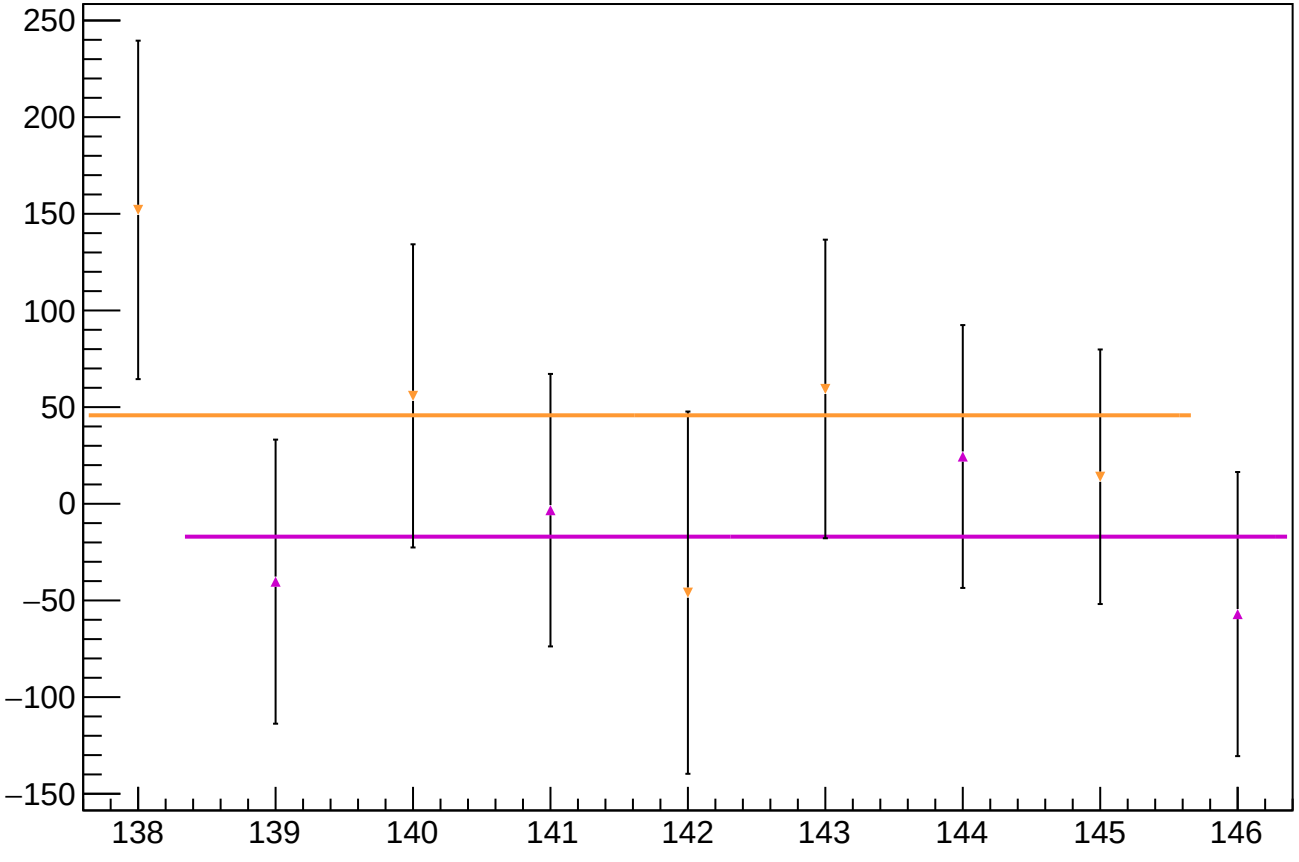
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 217.069+/-0.054 χ^2/NDF:3815449.9/20

Out: 188.249+/-0.047 χ^2/NDF:4500001.3/23

All: 200.540+/-0.035 χ^2/NDF: 8478233.9/44

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 45.774+/-35.236 χ^2/NDF:2.7/4

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

Left In: -17.003+/-35.622 χ^2/NDF:0.8/3

Left: 14.727+/-25.051 χ^2/NDF: 5.1/8

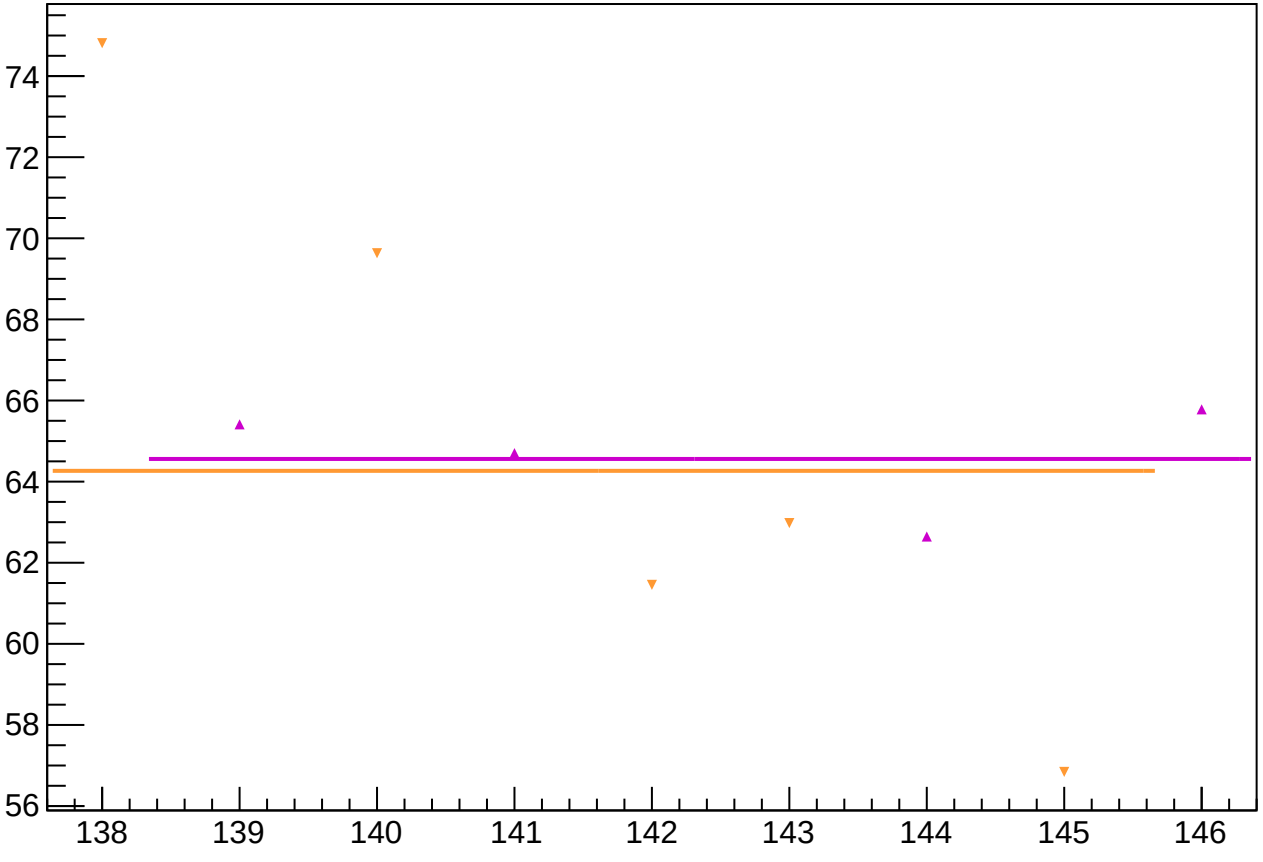
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.003+/-35.622 χ^2/NDF:0.8/3

Out: 45.774+/-35.236 χ^2/NDF:2.7/4

All: 14.727+/-25.051 χ^2/NDF: 5.1/8

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 64.266+/-0.025 χ^2/NDF:66172.7/4

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

Left In: 64.559+/-0.025 χ^2/NDF:2415.5/3

Left: 64.411+/-0.018 χ^2/NDF: 68656.5/8

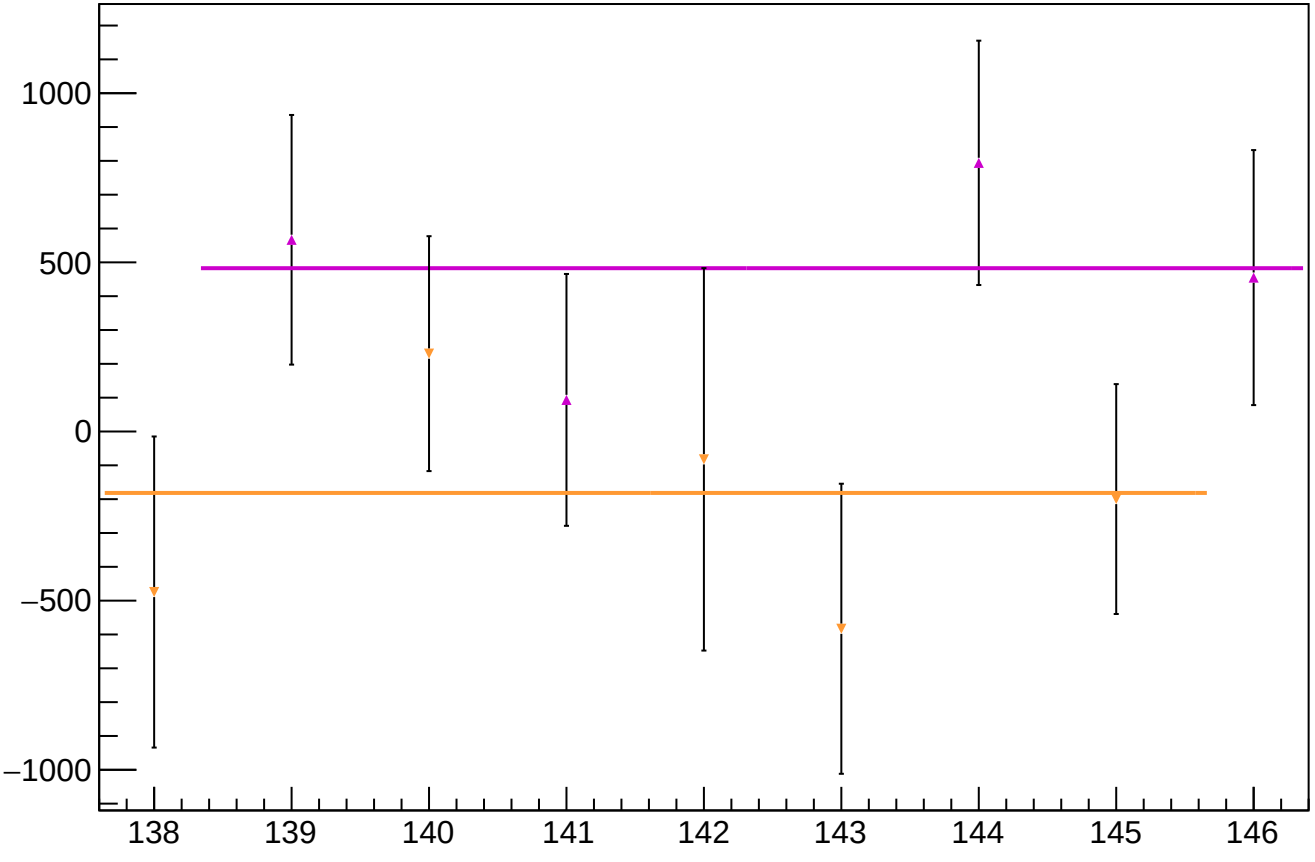
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 64.559+/-0.025 χ^2/NDF:2415.5/3

Out: 64.266+/-0.025 χ^2/NDF:66172.7/4

All: 64.411+/-0.018 χ^2/NDF: 68656.5/8

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -181.596+/-181.791 χ^2/NDF:2.7/4

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

Left In: 482.729+/-184.844 χ^2/NDF:1.9/3

Left: 145.035+/-129.611 χ^2/NDF: 11.2/8

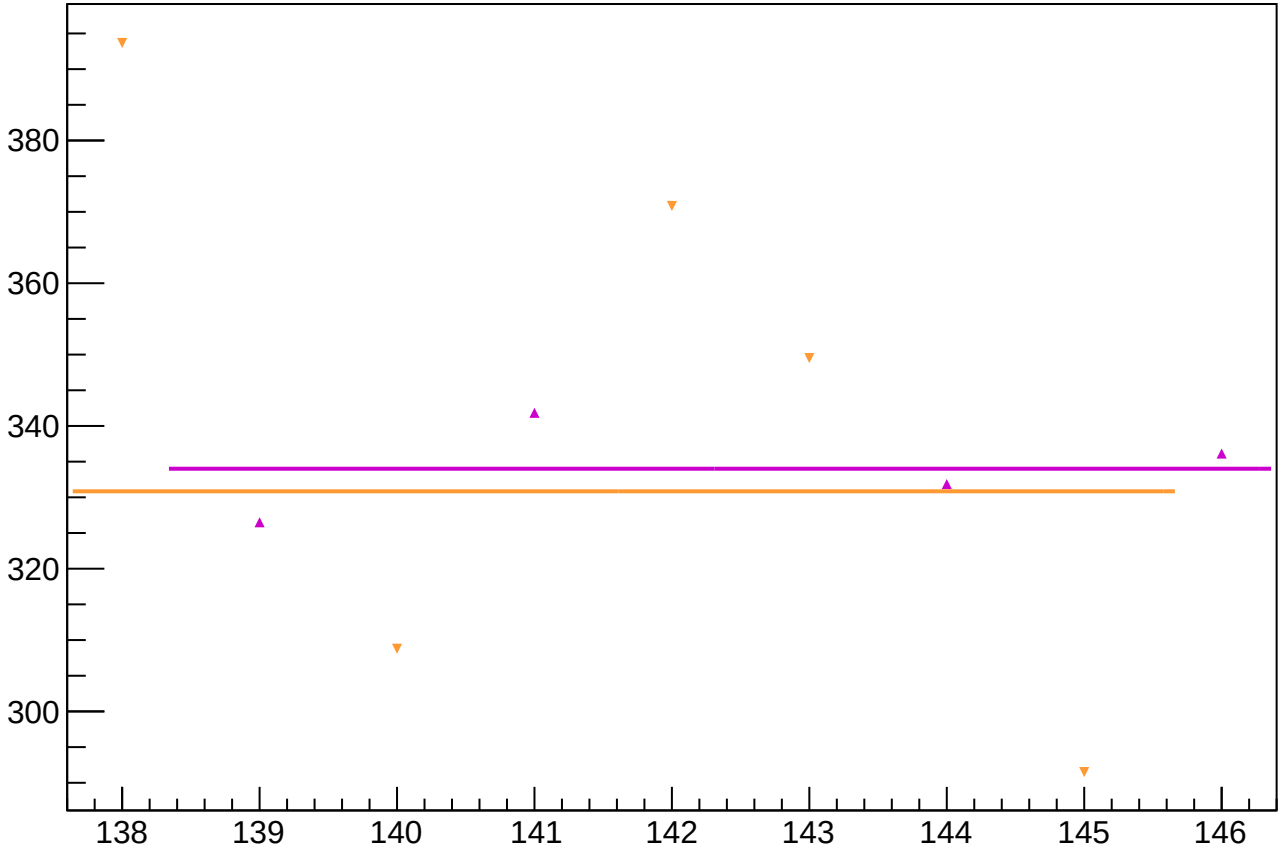
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 482.729+/-184.844 χ^2/NDF:1.9/3

Out: -181.596+/-181.791 χ^2/NDF:2.7/4

All: 145.035+/-129.611 χ^2/NDF: 11.2/8

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 330.844+/-0.129 χ^2/NDF:86024.2/4

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

Left In: 334.008+/-0.131 χ^2/NDF:1847.7/3

Left: 332.400+/-0.092 χ^2/NDF: 88169.8/8

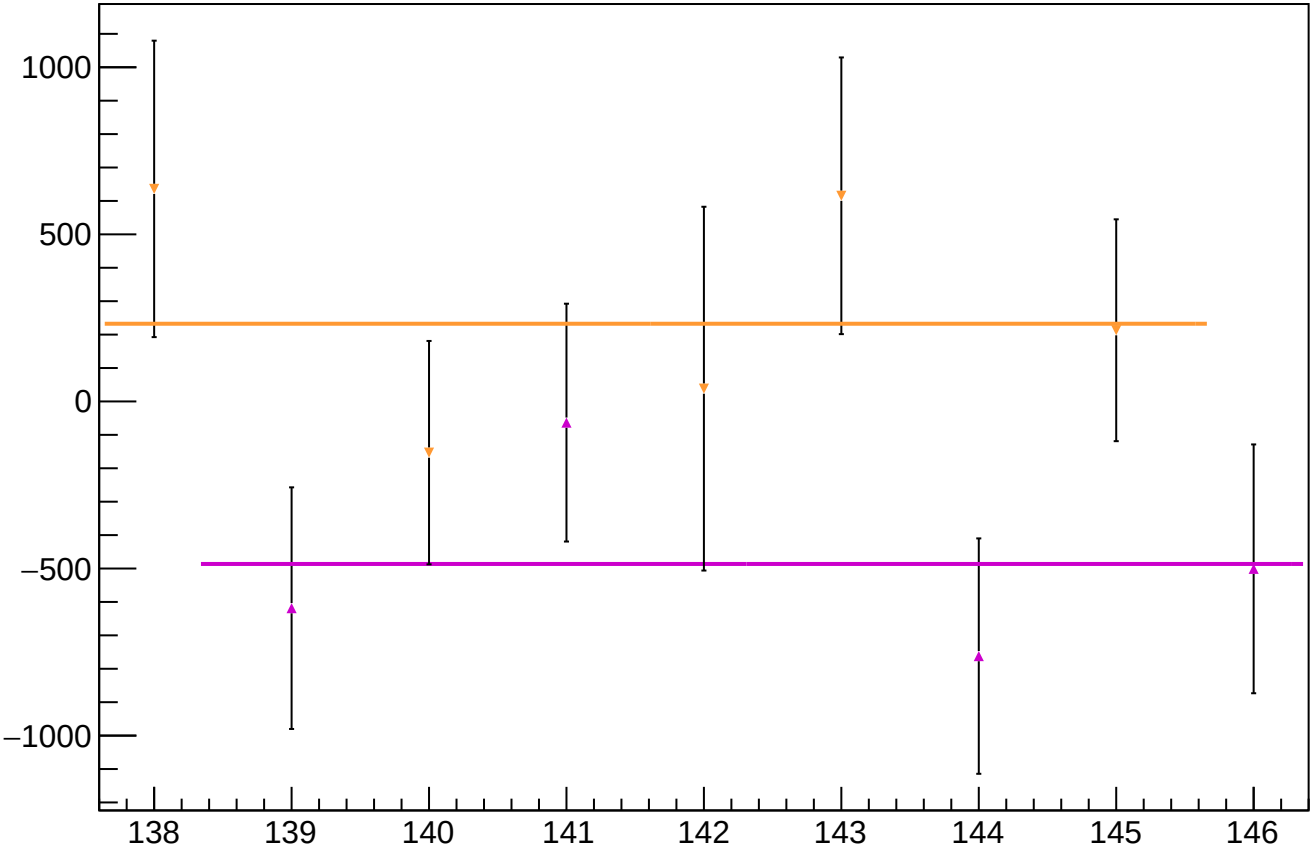
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 334.008+/-0.131 χ^2/NDF:1847.7/3

Out: 330.844+/-0.129 χ^2/NDF:86024.2/4

All: 332.400+/-0.092 χ^2/NDF: 88169.8/8

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 232.503+/-175.897 χ^2/NDF:3.1/4

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

Left In: -486.351+/-180.121 χ^2/NDF:2.2/3

Left: -118.397+/-125.845 χ^2/NDF: 13.5/8

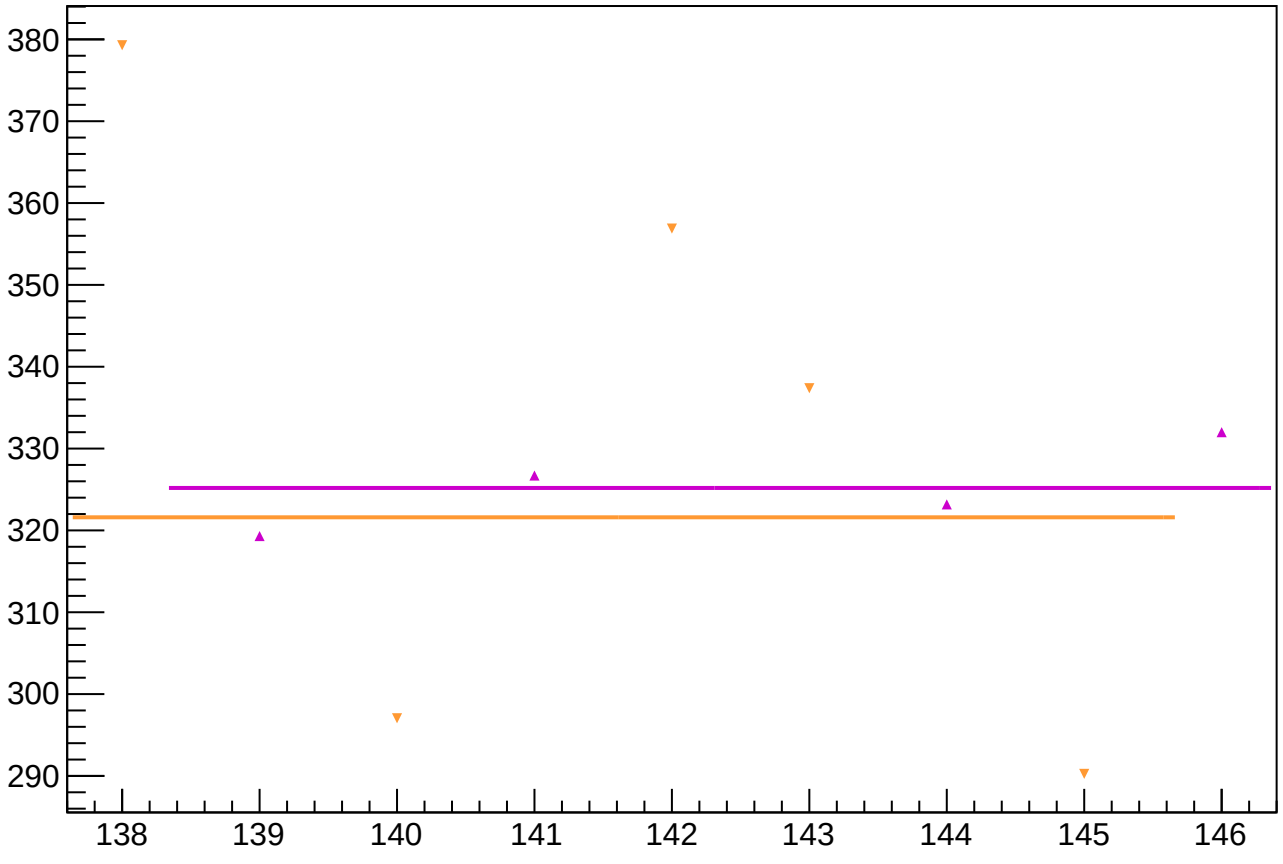
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -486.351+/-180.121 χ^2/NDF:2.2/3

Out: 232.503+/-175.897 χ^2/NDF:3.1/4

All: -118.397+/-125.845 χ^2/NDF: 13.5/8

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 321.600+/-0.124 χ^2/NDF:73765.5/4

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

Left In: 325.188+/-0.127 χ^2/NDF:1299.8/3

Left: 323.351+/-0.089 χ^2/NDF: 75471.4/8

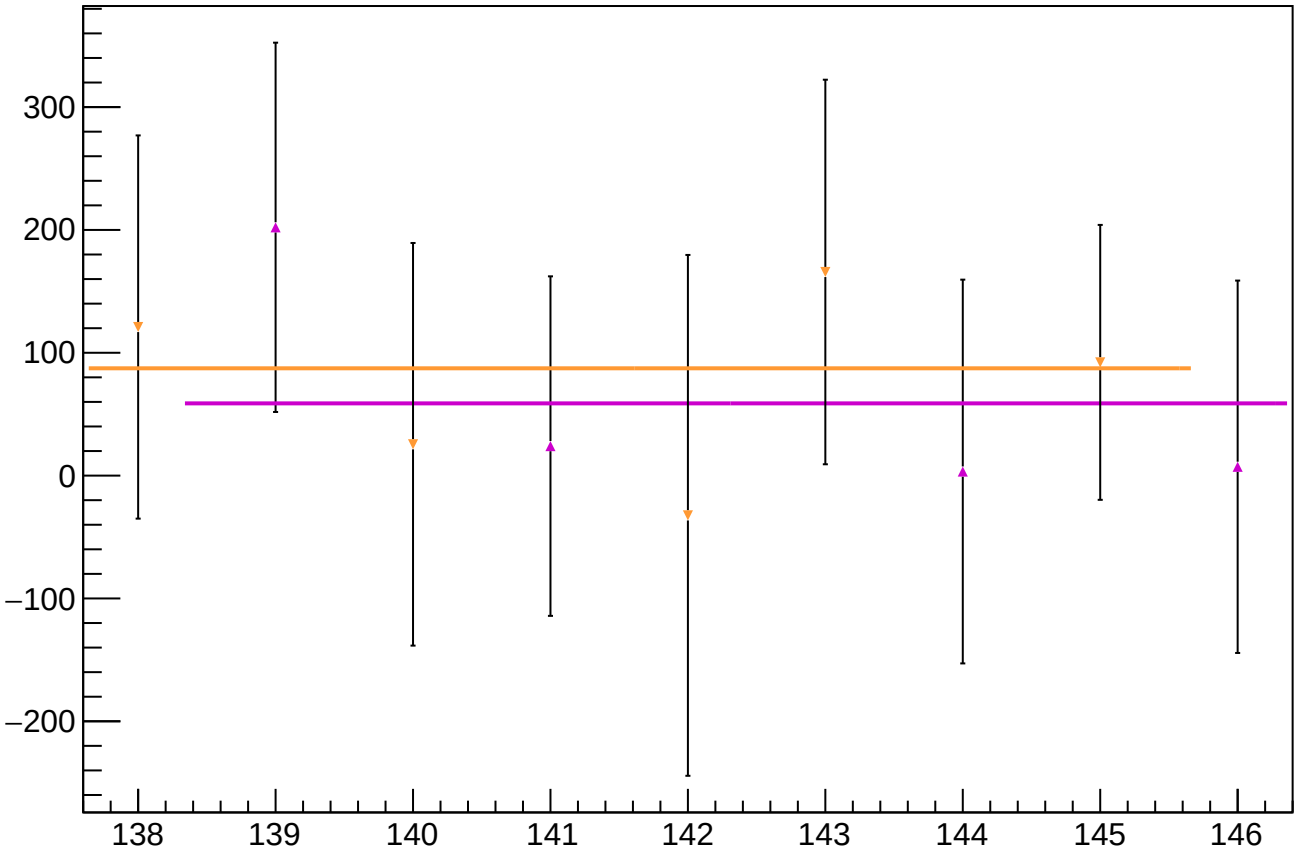
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 325.188+/-0.127 χ^2/NDF:1299.8/3

Out: 321.600+/-0.124 χ^2/NDF:73765.5/4

All: 323.351+/-0.089 χ^2/NDF: 75471.4/8

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 87.357+/-67.230 χ^2/NDF:0.8/4

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

Left In: 58.811+/-74.306 χ^2/NDF:1.2/3

Left: 74.508+/-49.853 χ^2/NDF: 2.1/8

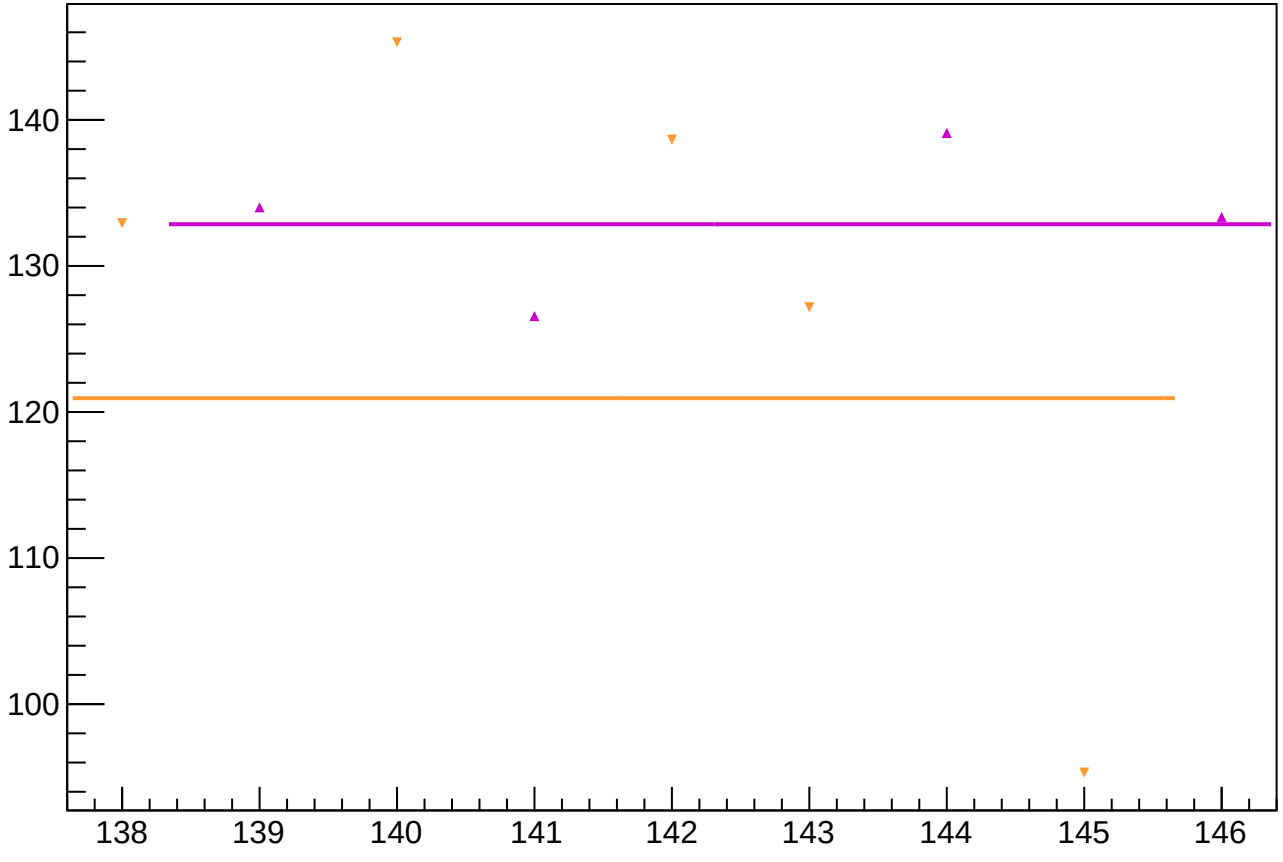
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.811+/-74.306 χ^2/NDF:1.2/3

Out: 87.357+/-67.230 χ^2/NDF:0.8/4

All: 74.508+/-49.853 χ^2/NDF: 2.1/8

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 120.946+/-0.048 χ^2/NDF:178066.9/4

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

Left In: 132.858+/-0.053 χ^2/NDF:7481.8/3

Left: 126.308+/-0.035 χ^2/NDF: 213810.6/8

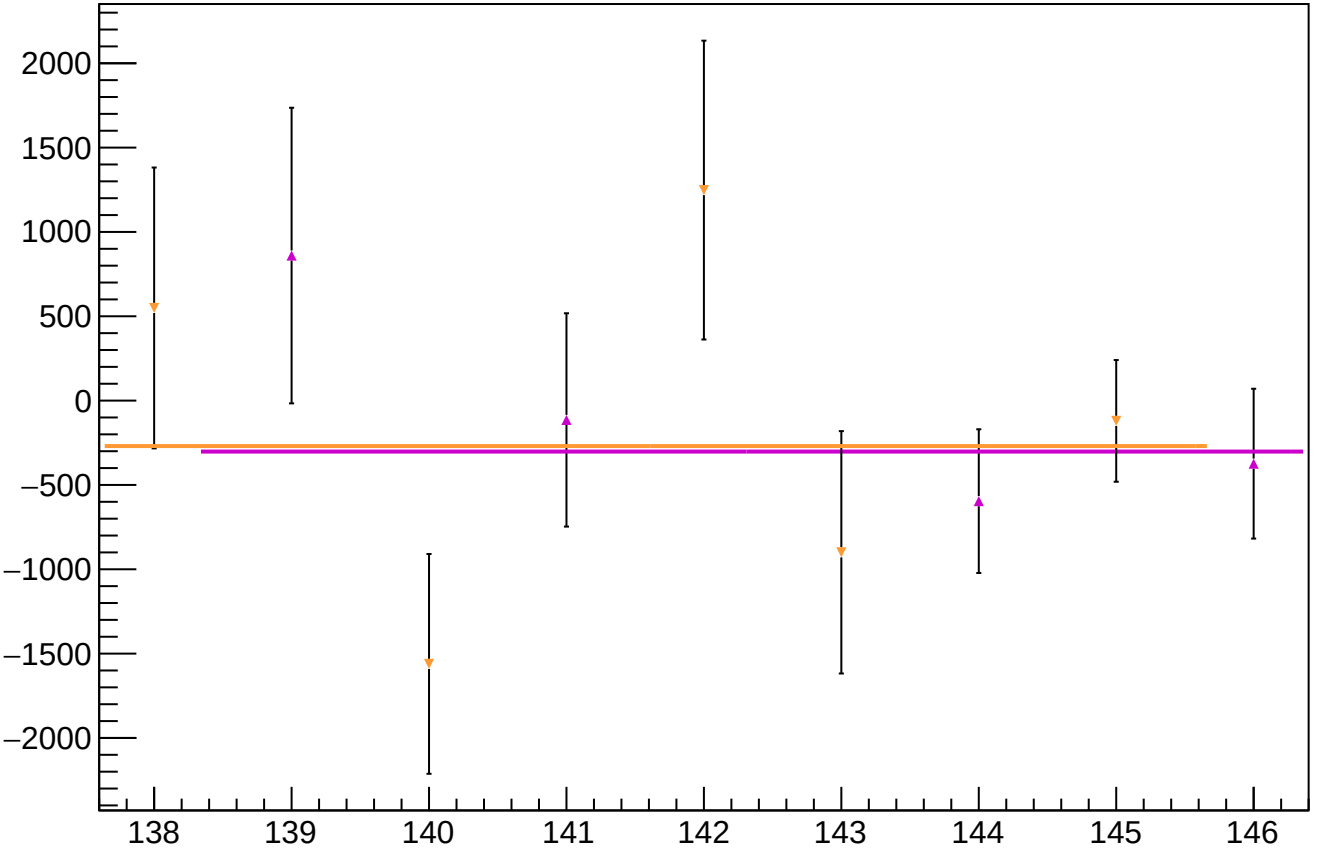
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 132.858+/-0.053 χ^2/NDF:7481.8/3

Out: 120.946+/-0.048 χ^2/NDF:178066.9/4

All: 126.308+/-0.035 χ^2/NDF: 213810.6/8

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -269.507+/-260.870 χ^2/NDF:8.8/4

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

Left In: -302.157+/-263.695 χ^2/NDF:2.3/3

Left: -285.656+/-185.454 χ^2/NDF: 11.1/8

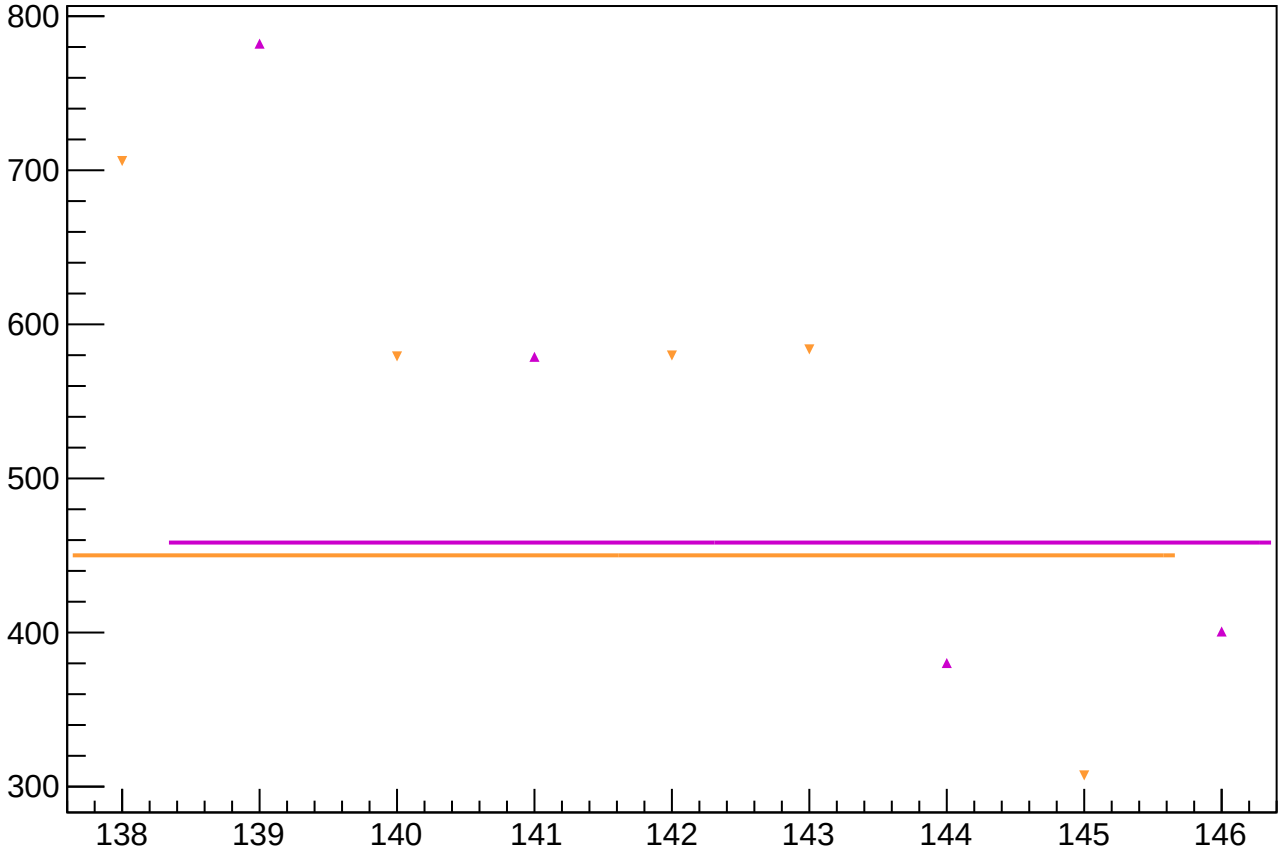
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -302.157+/-263.695 χ^2/NDF:2.3/3

Out: -269.507+/-260.870 χ^2/NDF:8.8/4

All: -285.656+/-185.454 χ^2/NDF: 11.1/8

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 450.103+/-0.184 χ^2/NDF:693012.5/4

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

Left In: 458.390+/-0.186 χ^2/NDF:446792.1/3

Left: 454.202+/-0.131 χ^2/NDF: 1140802.7/8

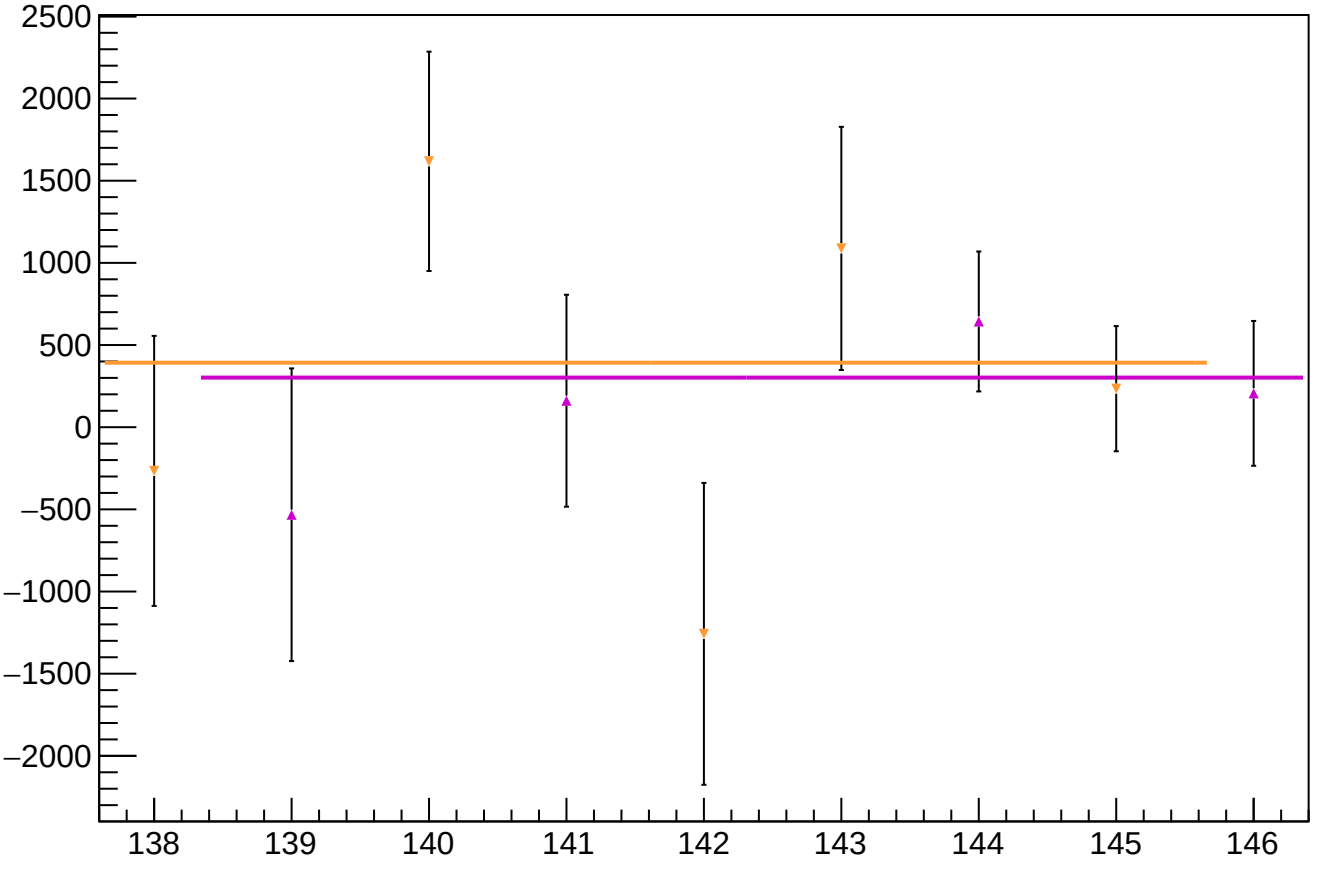
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 458.390+/-0.186 χ^2/NDF:446792.1/3

Out: 450.103+/-0.184 χ^2/NDF:693012.5/4

All: 454.202+/-0.131 χ^2/NDF: 1140802.7/8

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 392.548+/-270.822 χ^2/NDF:8.3/4

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

Left In: 301.818+/-264.158 χ^2/NDF:1.6/3

Left: 346.053+/-189.100 χ^2/NDF: 10.0/8

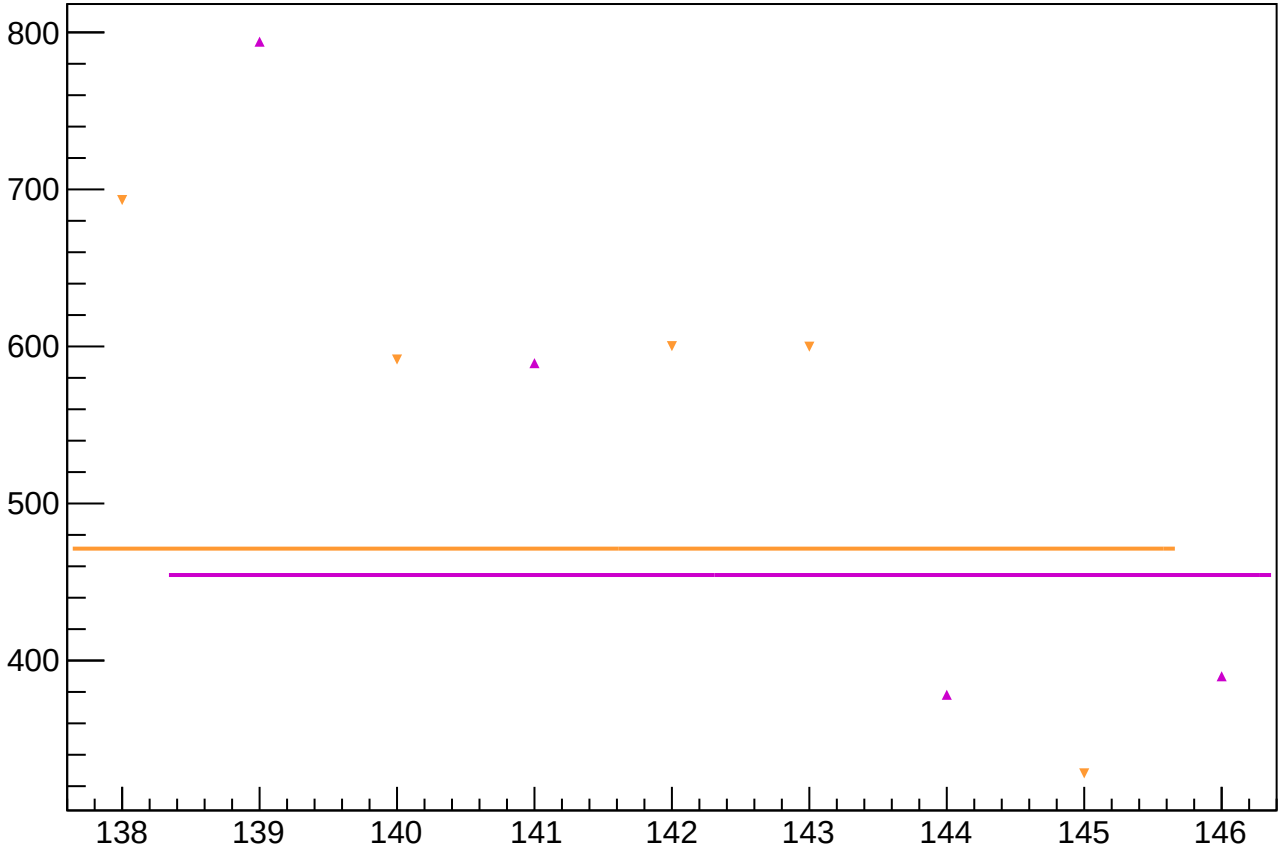
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 301.818+/-264.158 χ^2/NDF:1.6/3

Out: 392.548+/-270.822 χ^2/NDF:8.3/4

All: 346.053+/-189.100 χ^2/NDF: 10.0/8

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 471.261+/-0.191 χ^2/NDF:593369.4/4

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

Left In: 454.462+/-0.187 χ^2/NDF:485401.1/3

Left: 462.652+/-0.134 χ^2/NDF: 1082714.3/8

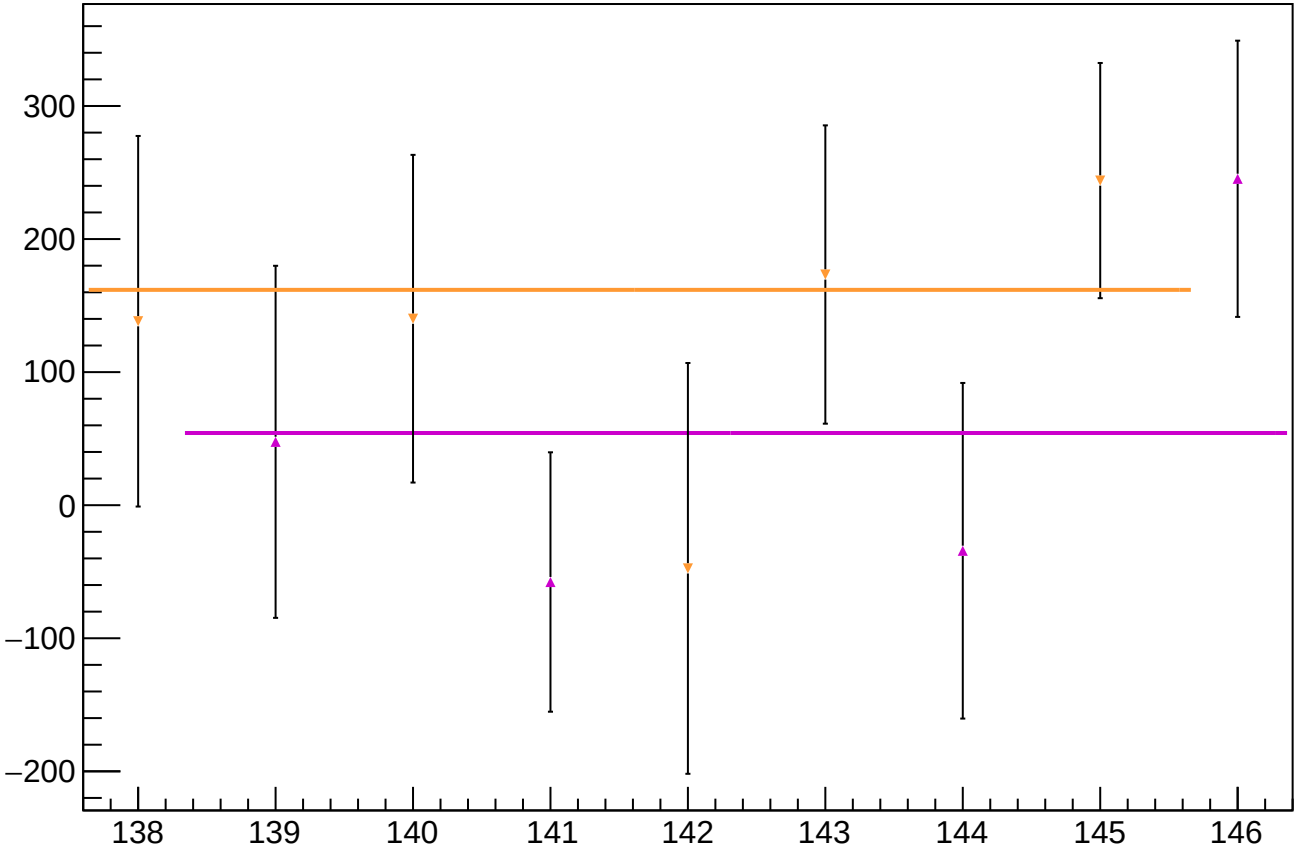
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 454.462+/-0.187 χ^2/NDF:485401.1/3

Out: 471.261+/-0.191 χ^2/NDF:593369.4/4

All: 462.652+/-0.134 χ^2/NDF: 1082714.3/8

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 161.824+/-52.191 χ^2/NDF:2.8/4

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

Left In: 54.254+/-56.070 χ^2/NDF:5.2/3

Left: 111.888+/-38.202 χ^2/NDF: 9.9/8

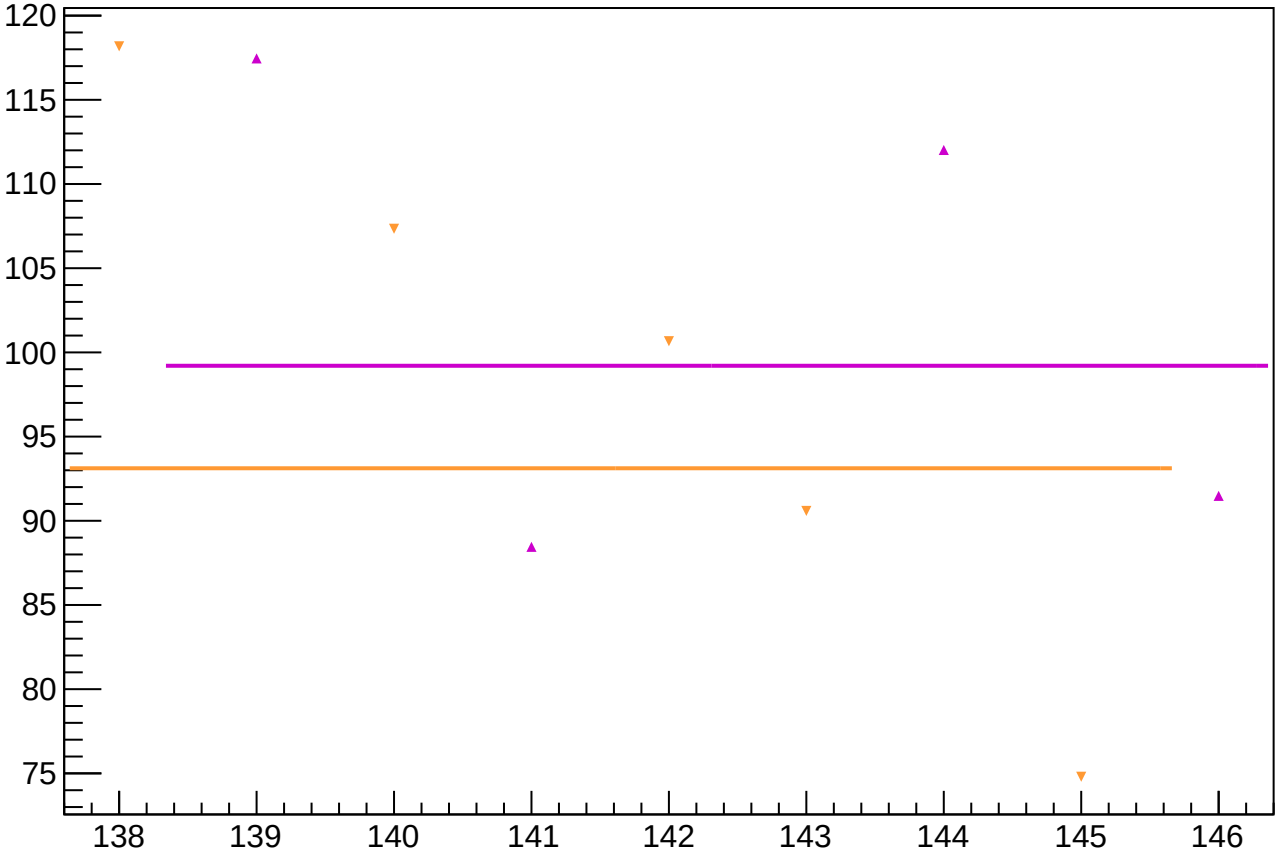
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 54.254+/-56.070 χ^2/NDF:5.2/3

Out: 161.824+/-52.191 χ^2/NDF:2.8/4

All: 111.888+/-38.202 χ^2/NDF: 9.9/8

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 93.119+/-0.037 χ^2/NDF:183189.6/4

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

Left In: 99.206+/-0.040 χ^2/NDF:94150.4/3

Left: 95.945+/-0.027 χ^2/NDF: 289970.7/8

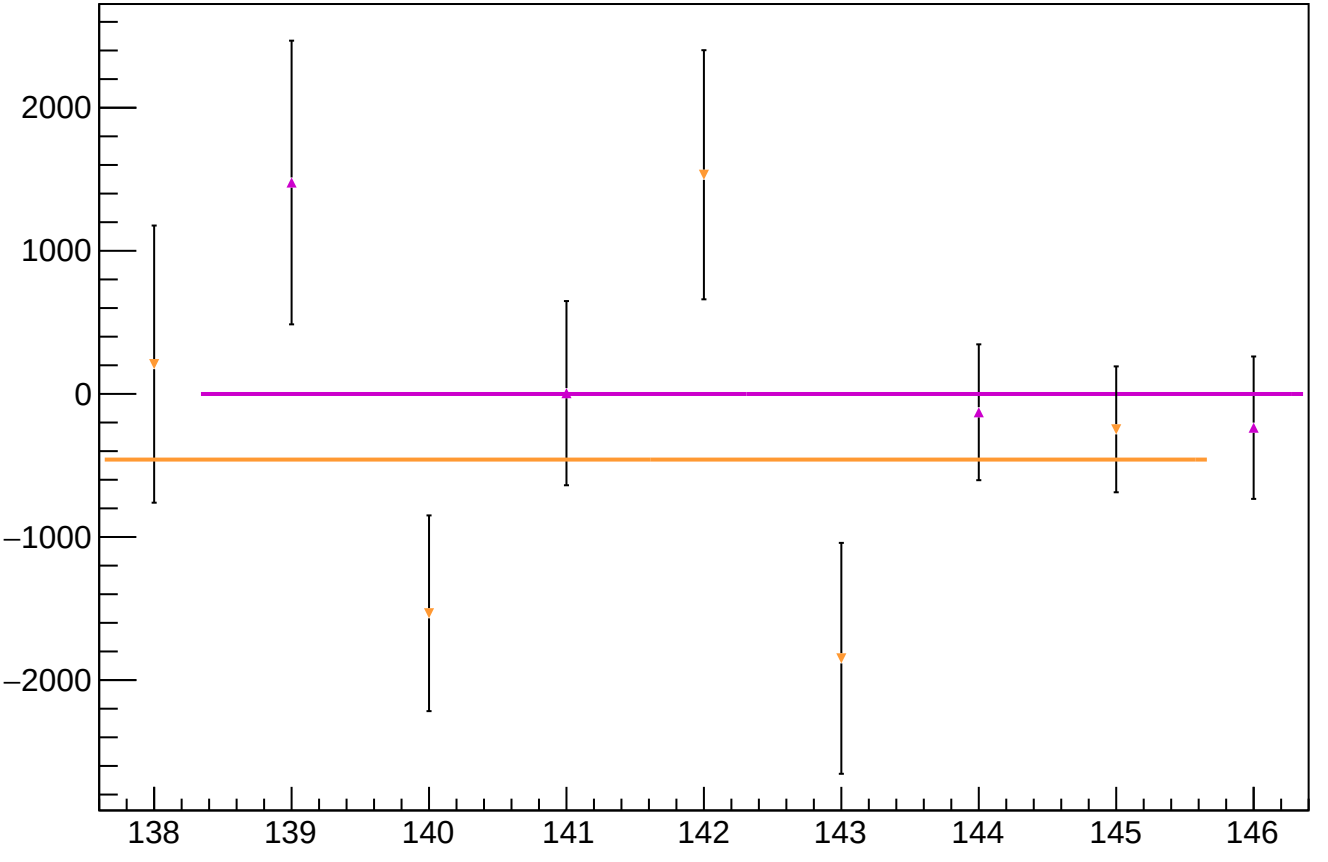
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.206+/-0.040 χ^2/NDF:94150.4/3

Out: 93.119+/-0.037 χ^2/NDF:183189.6/4

All: 95.945+/-0.027 χ^2/NDF: 289970.7/8

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -458.973+/-298.457 χ^2/NDF:11.4/4

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

Left In: -0.578+/-289.800 χ^2/NDF:2.5/3

Left: -223.031+/-207.913 χ^2/NDF: 15.1/8

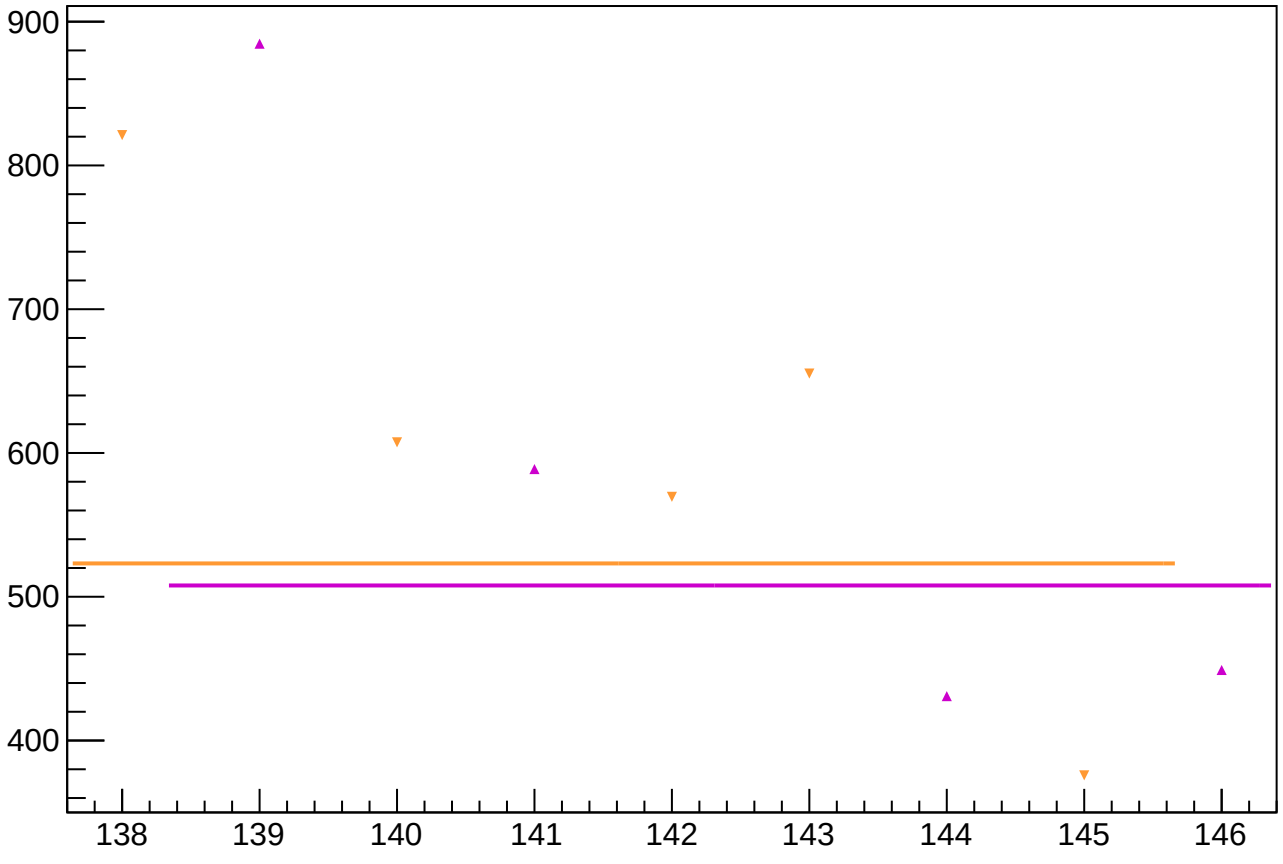
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.578+/-289.800 χ^2/NDF:2.5/3

Out: -458.973+/-298.457 χ^2/NDF:11.4/4

All: -223.031+/-207.913 χ^2/NDF: 15.1/8

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 523.178+/-0.211 χ^2/NDF:503347.6/4

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

Left In: 507.847+/-0.205 χ^2/NDF:401162.6/3

Left: 515.287+/-0.147 χ^2/NDF: 907226.6/8

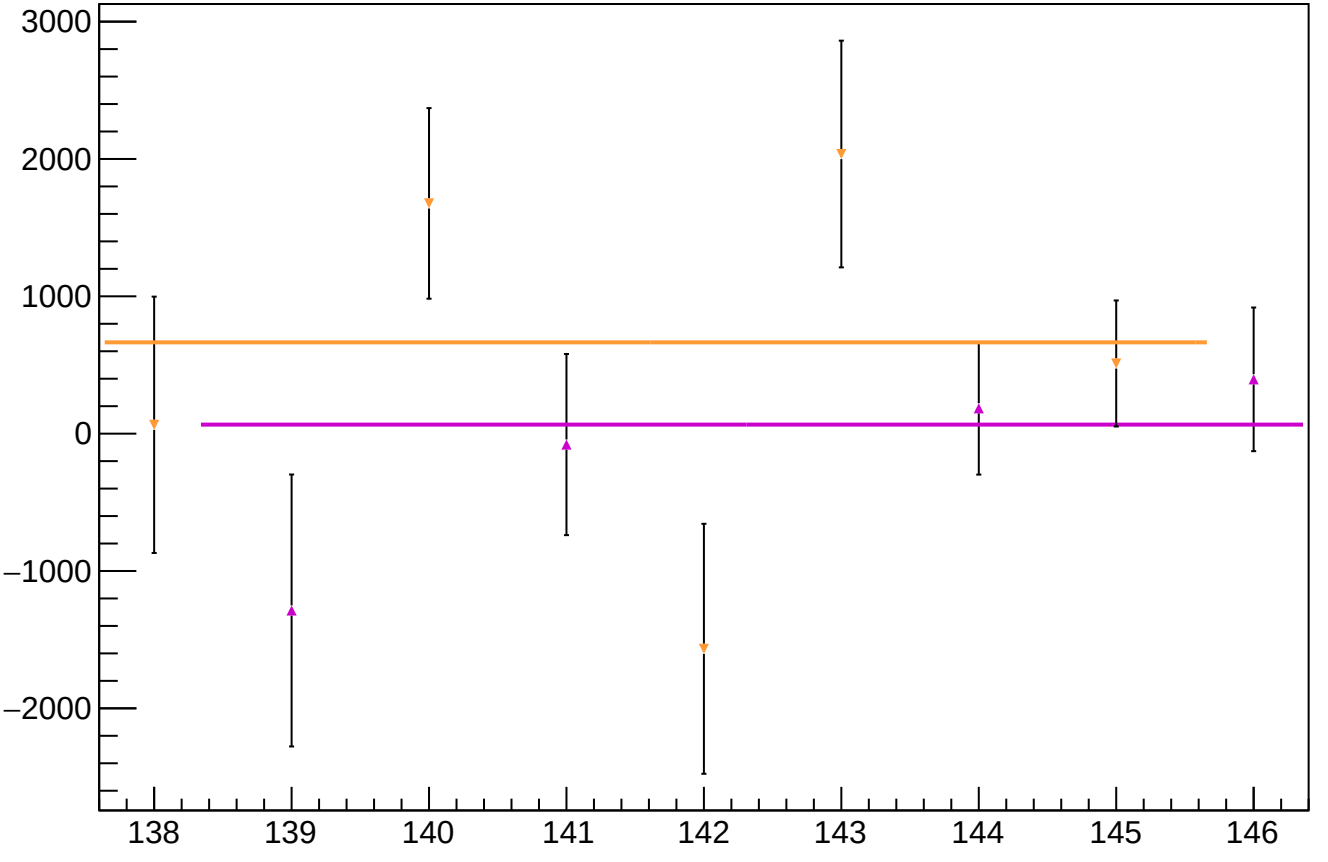
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 507.847+/-0.205 χ^2/NDF:401162.6/3

Out: 523.178+/-0.211 χ^2/NDF:503347.6/4

All: 515.287+/-0.147 χ^2/NDF: 907226.6/8

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 664.755+/-306.433 χ^2/NDF:11.4/4

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

Left In: 65.853+/-297.896 χ^2/NDF:2.4/3

Left: 356.845+/-213.599 χ^2/NDF: 15.8/8

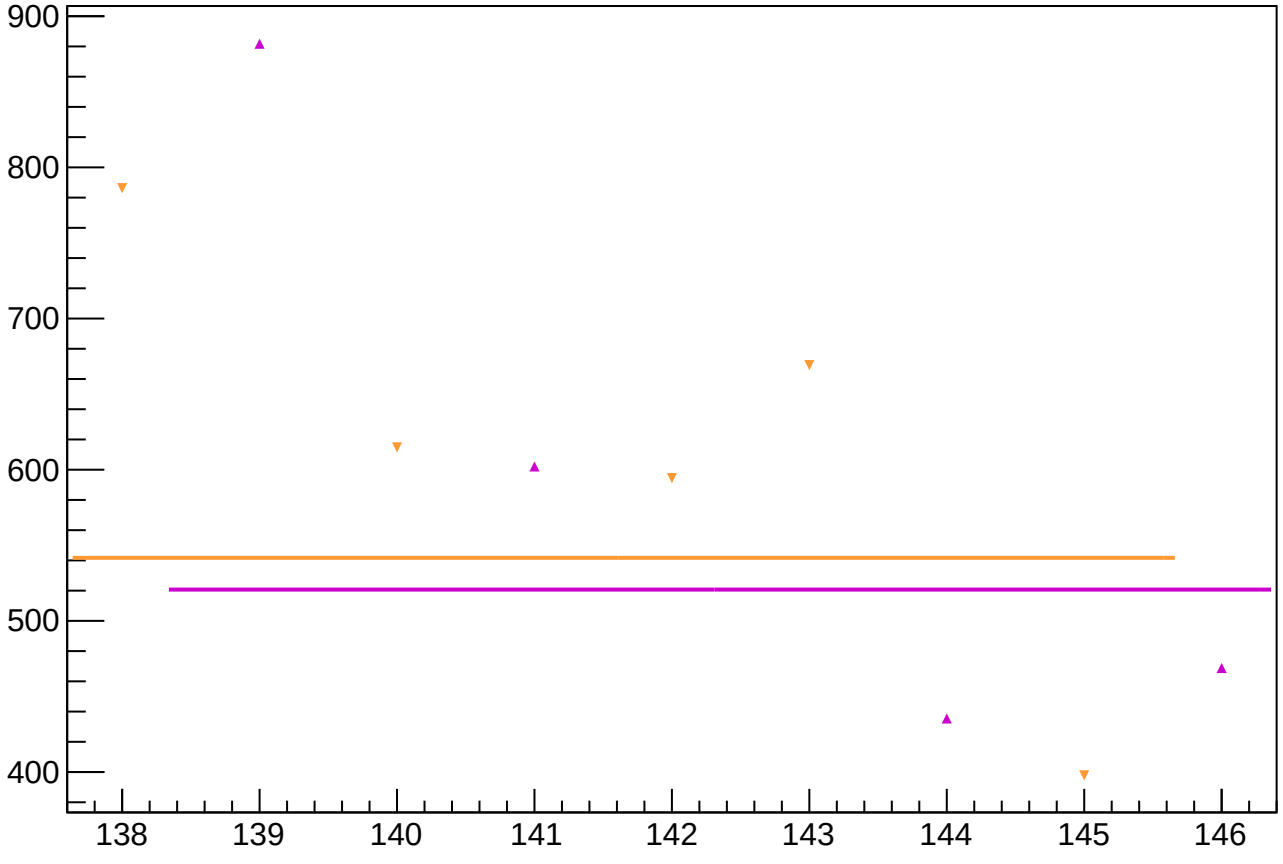
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.853+/-297.896 χ^2/NDF:2.4/3

Out: 664.755+/-306.433 χ^2/NDF:11.4/4

All: 356.845+/-213.599 χ^2/NDF: 15.8/8

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 541.710+/-0.217 χ^2/NDF:410573.2/4

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

Left In: 520.699+/-0.211 χ^2/NDF:378601.0/3

Left: 530.908+/-0.151 χ^2/NDF: 794008.7/8

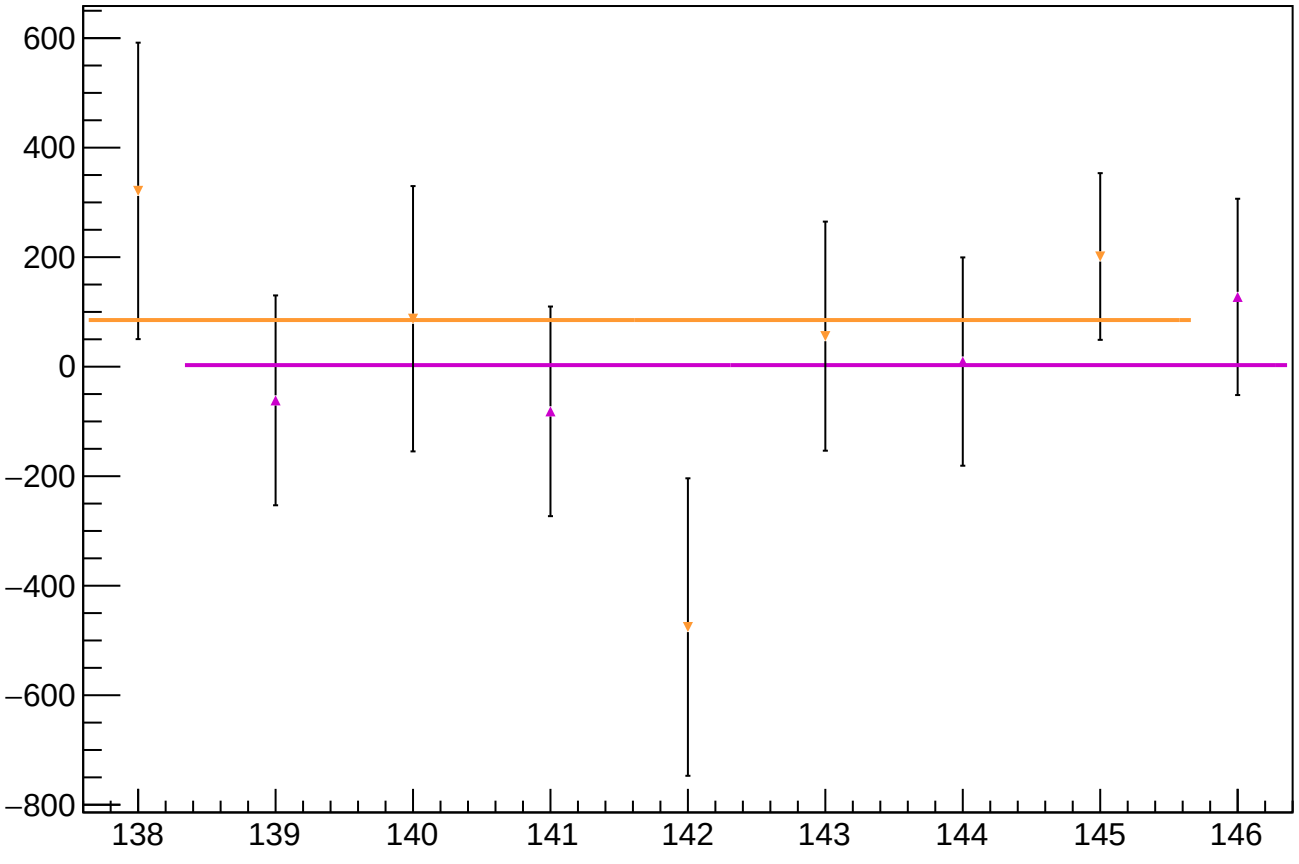
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 520.699+/-0.211 χ^2/NDF:378601.0/3

Out: 541.710+/-0.217 χ^2/NDF:410573.2/4

All: 530.908+/-0.151 χ^2/NDF: 794008.7/8

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 85.148+/-95.238 χ^2/NDF:5.6/4

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

Left In: 2.861+/-93.951 χ^2/NDF:0.8/3

Left: 43.445+/-66.884 χ^2/NDF: 6.8/8

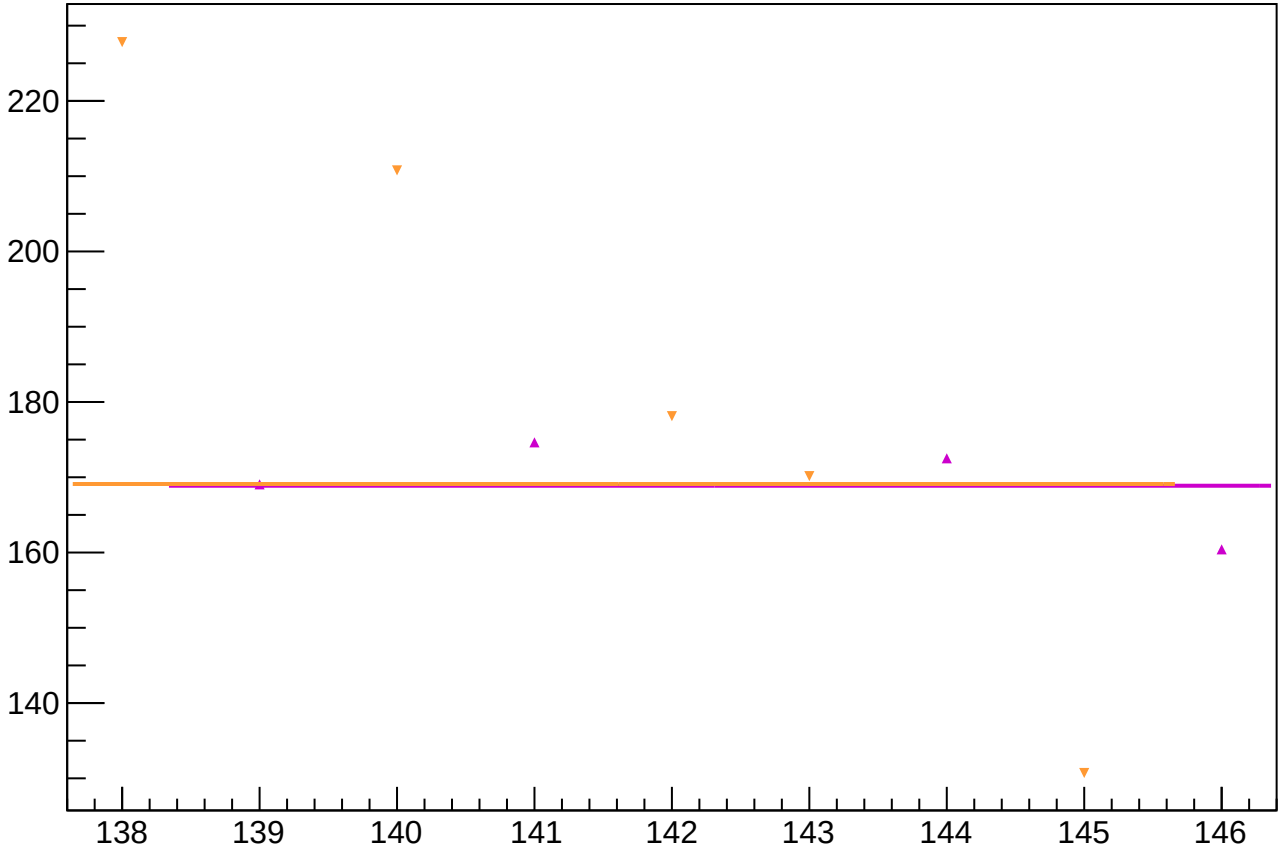
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.861+/-93.951 χ^2/NDF:0.8/3

Out: 85.148+/-95.238 χ^2/NDF:5.6/4

All: 43.445+/-66.884 χ^2/NDF: 6.8/8

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 169.105+/-0.067 χ^2/NDF:282724.8/4

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

Left In: 168.875+/-0.066 χ^2/NDF:6996.3/3

Left: 168.988+/-0.047 χ^2/NDF: 289727.0/8

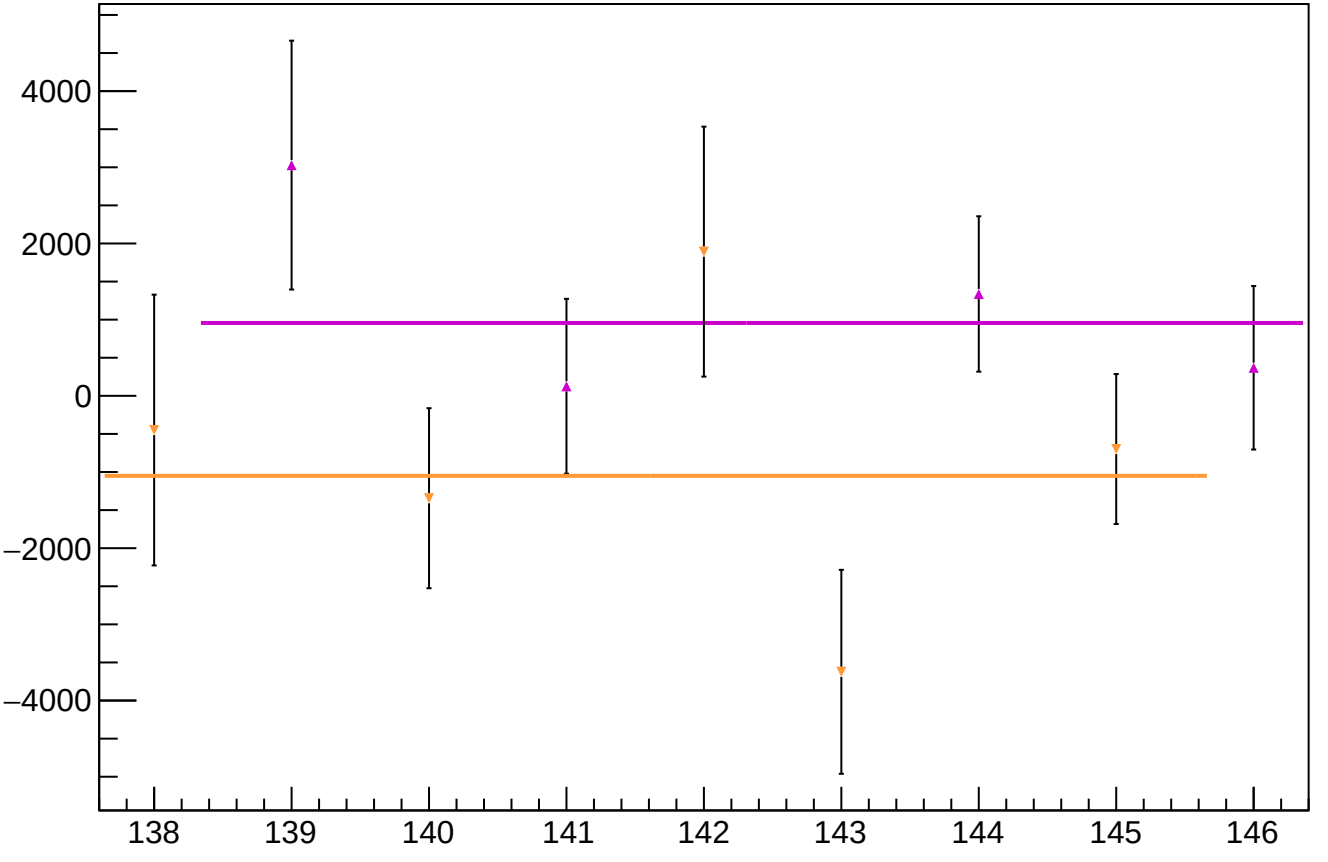
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 168.875+/-0.066 χ^2/NDF:6996.3/3

Out: 169.105+/-0.067 χ^2/NDF:282724.8/4

All: 168.988+/-0.047 χ^2/NDF: 289727.0/8

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1050.085+/-577.975 χ^2/NDF:7.2/4

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

Left In: 956.781+/-580.894 χ^2/NDF:2.6/3

Left: -51.707+/-409.718 χ^2/NDF: 15.8/8

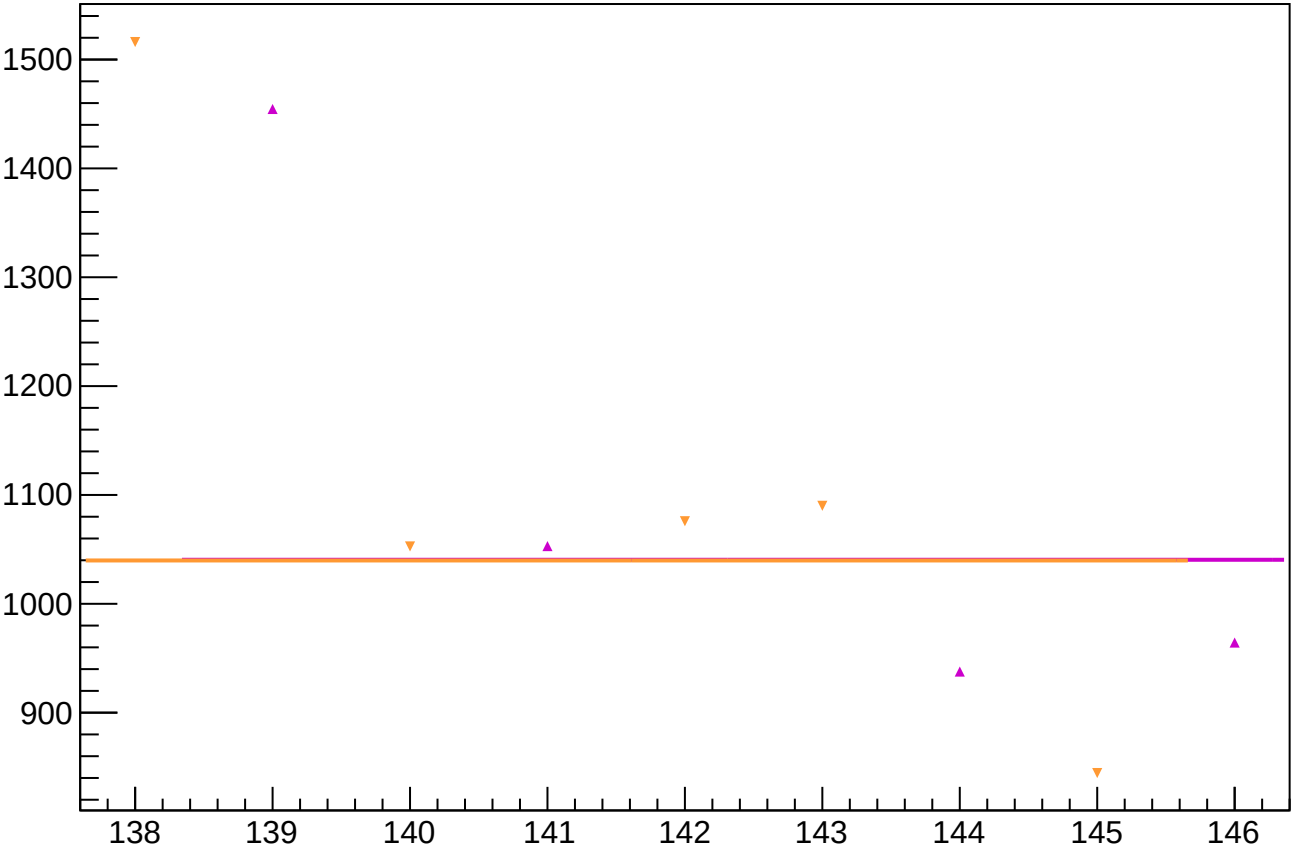
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 956.781+/-580.894 χ^2/NDF:2.6/3

Out: -1050.085+/-577.975 χ^2/NDF:7.2/4

All: -51.707+/-409.718 χ^2/NDF: 15.8/8

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1039.821+/-0.409 χ^2/NDF:226323.8/4

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

Left In: 1040.453+/-0.411 χ^2/NDF:159116.3/3

Left: 1040.136+/-0.290 χ^2/NDF: 385441.3/8

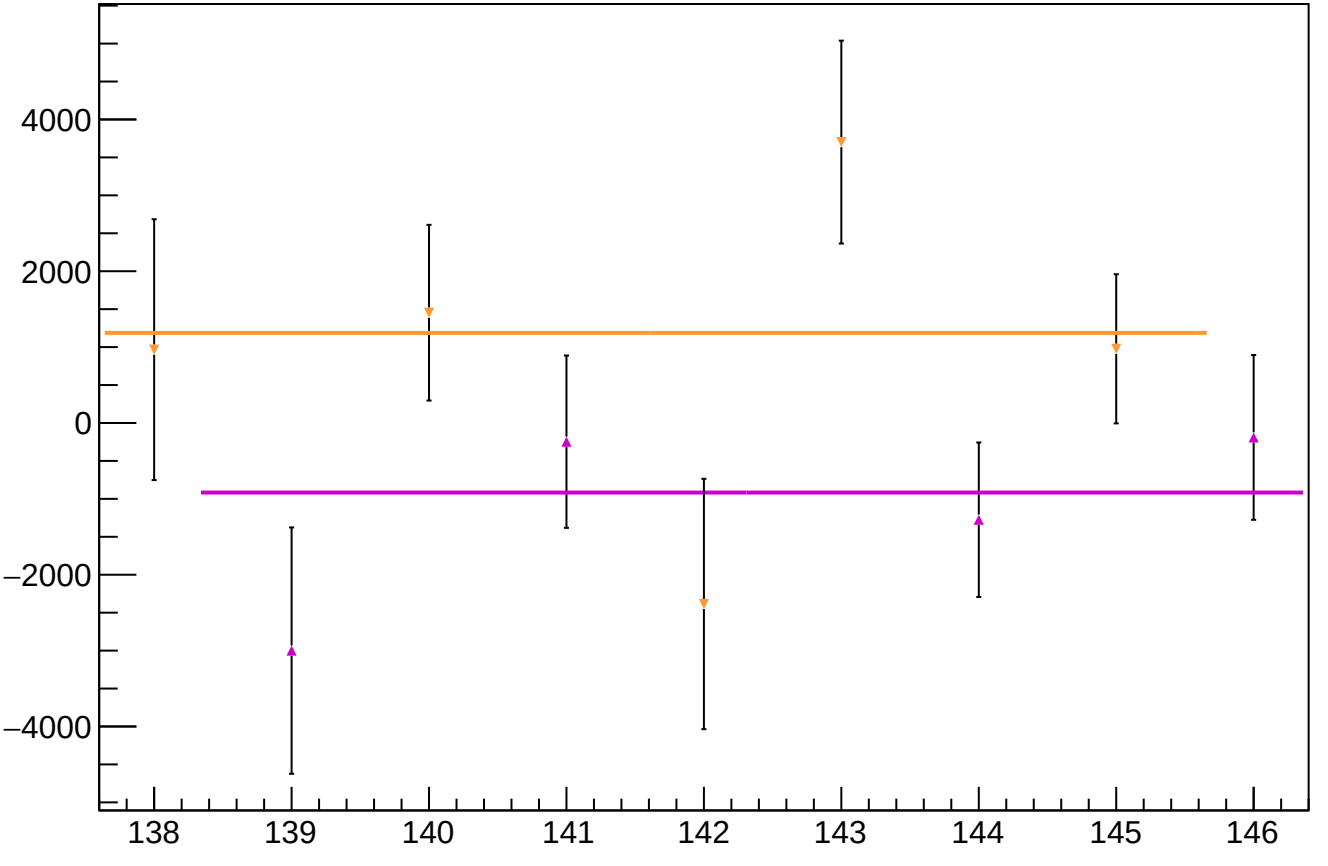
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1040.453+/-0.411 χ^2/NDF:159116.3/3

Out: 1039.821+/-0.409 χ^2/NDF:226323.8/4

All: 1040.136+/-0.290 χ^2/NDF: 385441.3/8

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1187.578+/-572.927 χ^2/NDF:8.3/4

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

Left In: -916.865+/-580.422 χ^2/NDF:2.6/3

Left: 149.031+/-407.745 χ^2/NDF: 17.6/8

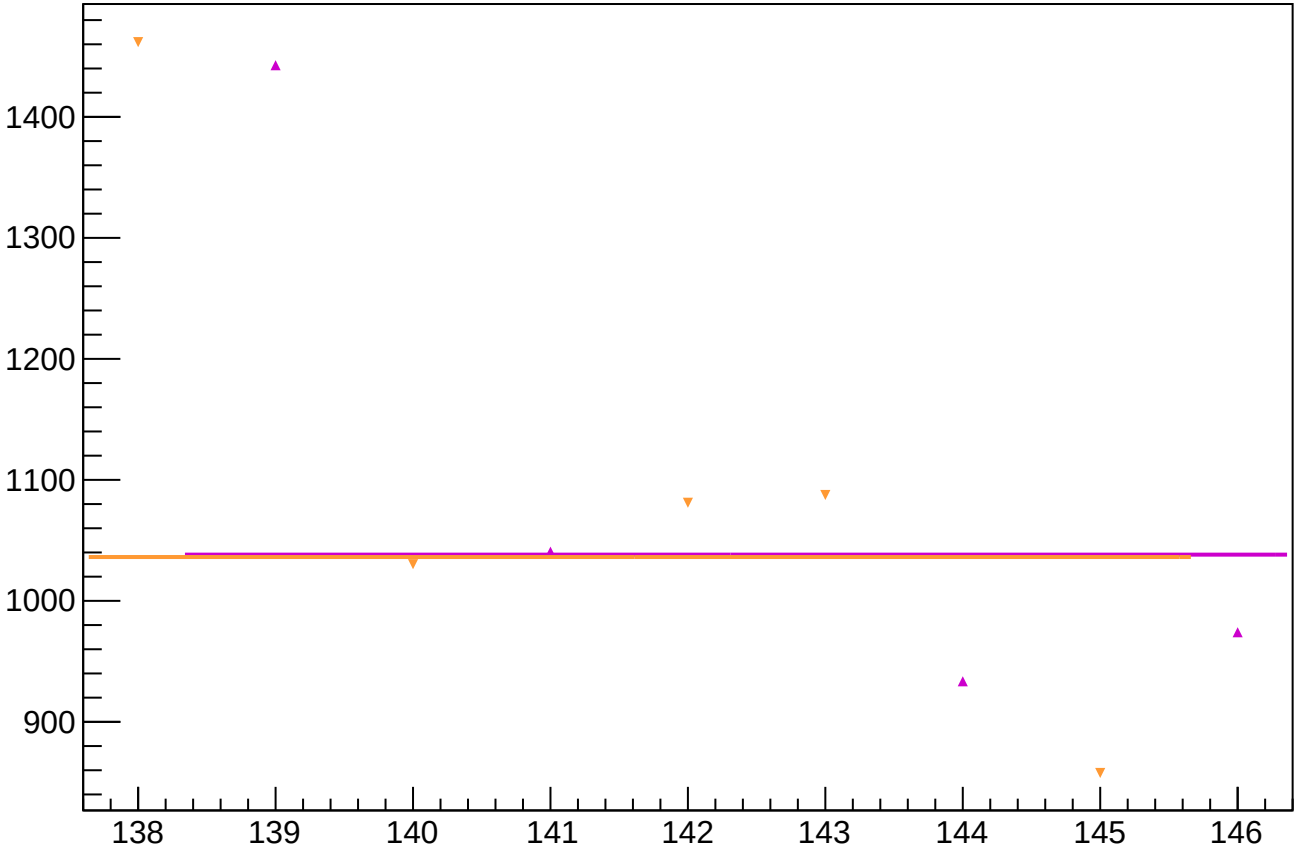
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -916.865+/-580.422 χ^2/NDF:2.6/3

Out: 1187.578+/-572.927 χ^2/NDF:8.3/4

All: 149.031+/-407.745 χ^2/NDF: 17.6/8

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1036.227+/-0.405 χ^2/NDF:192999.0/4

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

Left In: 1038.199+/-0.410 χ^2/NDF:152297.4/3

Left: 1037.200+/-0.288 χ^2/NDF: 345308.2/8

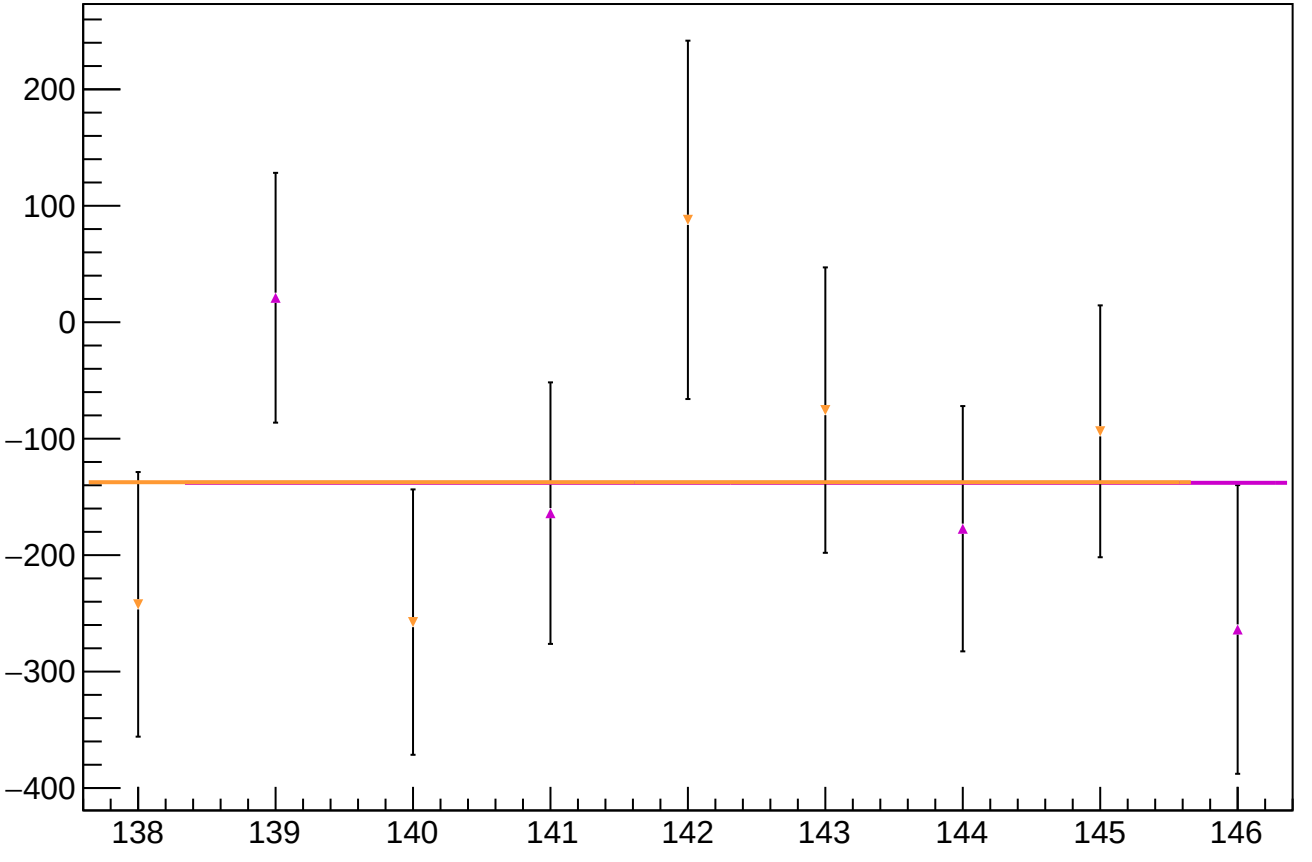
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1038.199+/-0.410 χ^2/NDF:152297.4/3

Out: 1036.227+/-0.405 χ^2/NDF:192999.0/4

All: 1037.200+/-0.288 χ^2/NDF: 345308.2/8

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -137.375+/-53.545 χ^2/NDF:4.5/4

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

Left In: -137.897+/-55.773 χ^2/NDF:3.4/3

Left: -137.626+/-38.625 χ^2/NDF: 7.9/8

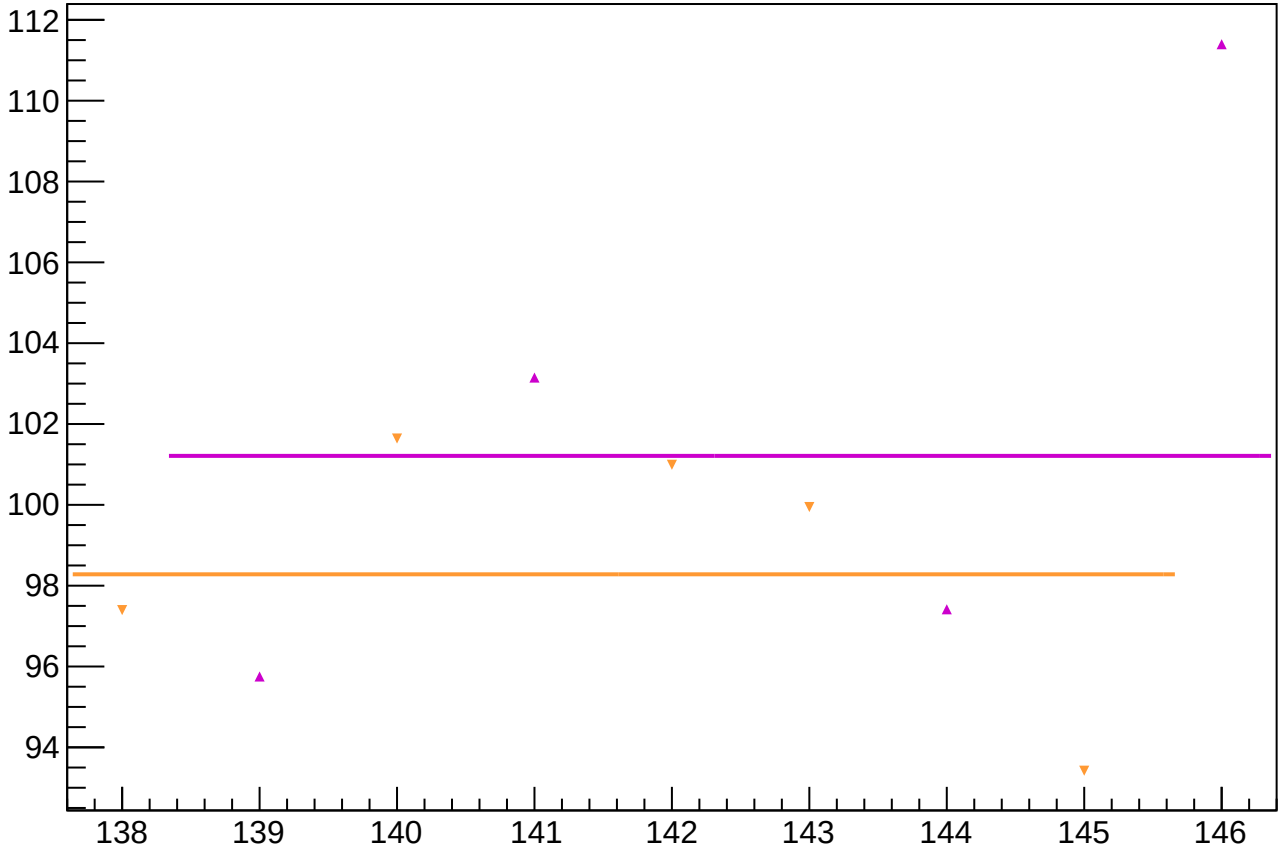
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -137.897+/-55.773 χ^2/NDF:3.4/3

Out: -137.375+/-53.545 χ^2/NDF:4.5/4

All: -137.626+/-38.625 χ^2/NDF: 7.9/8

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 98.281+/-0.038 χ^2/NDF:6887.7/4

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

Left In: 101.212+/-0.039 χ^2/NDF:21880.4/3

Left: 99.687+/-0.027 χ^2/NDF: 31641.4/8

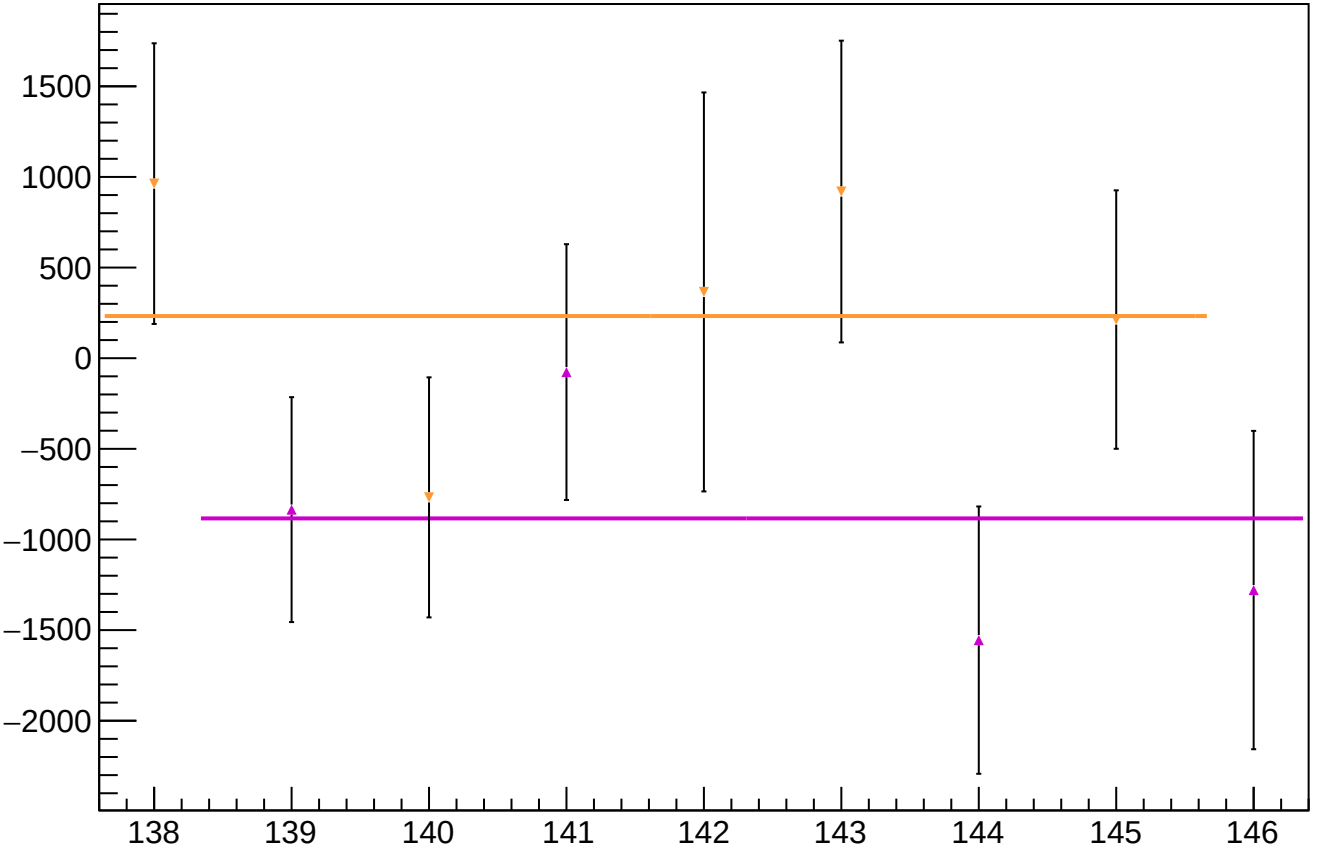
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 101.212+/-0.039 χ^2/NDF:21880.4/3

Out: 98.281+/-0.038 χ^2/NDF:6887.7/4

All: 99.687+/-0.027 χ^2/NDF: 31641.4/8

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 232.604+/-349.505 χ^2/NDF:3.9/4

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

Left In: -883.800+/-359.373 χ^2/NDF:2.3/3

Left: -310.060+/-250.554 χ^2/NDF: 11.2/8

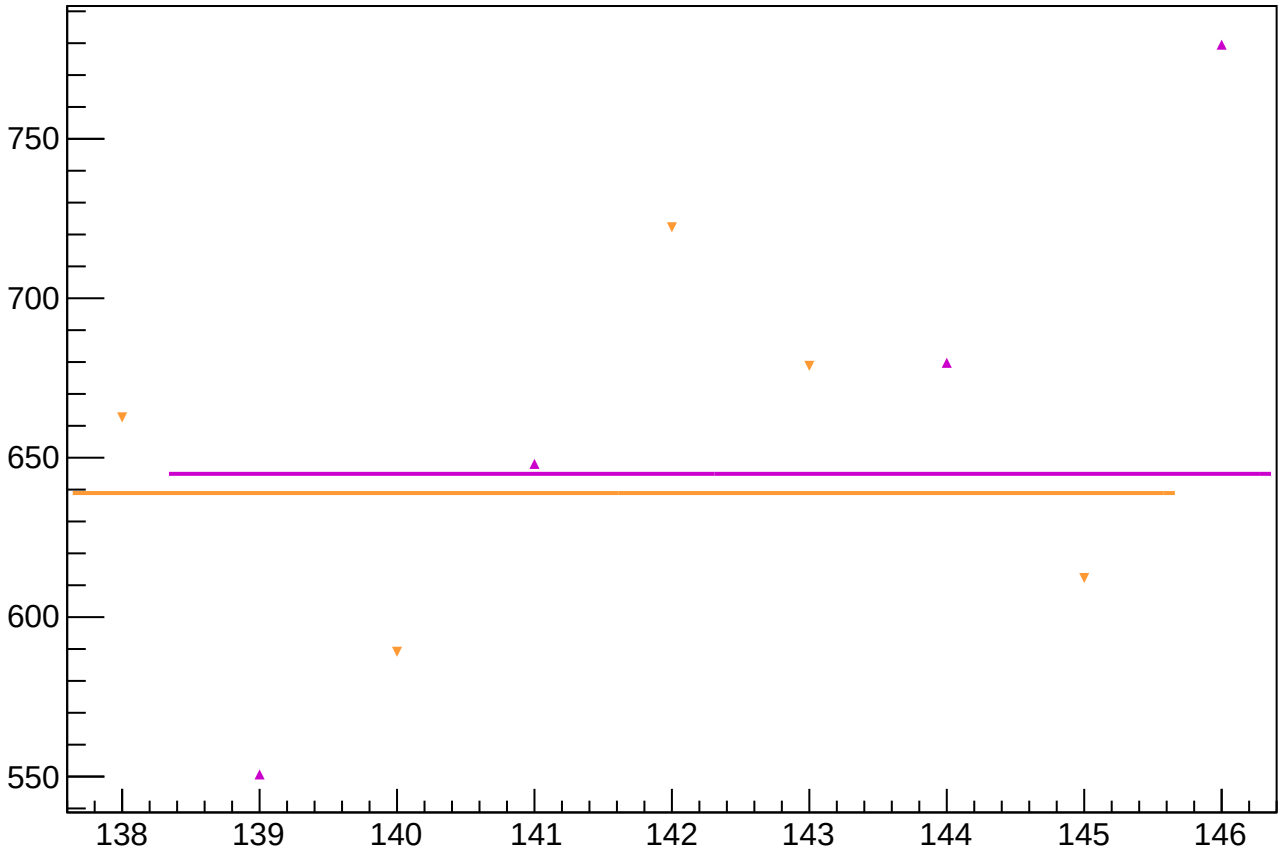
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -883.800+/-359.373 χ^2/NDF:2.3/3

Out: 232.604+/-349.505 χ^2/NDF:3.9/4

All: -310.060+/-250.554 χ^2/NDF: 11.2/8

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 638.914+/-0.247 χ^2/NDF:32039.8/4

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

Left In: 644.941+/-0.254 χ^2/NDF:97659.5/3

Left: 641.844+/-0.177 χ^2/NDF: 129988.4/8

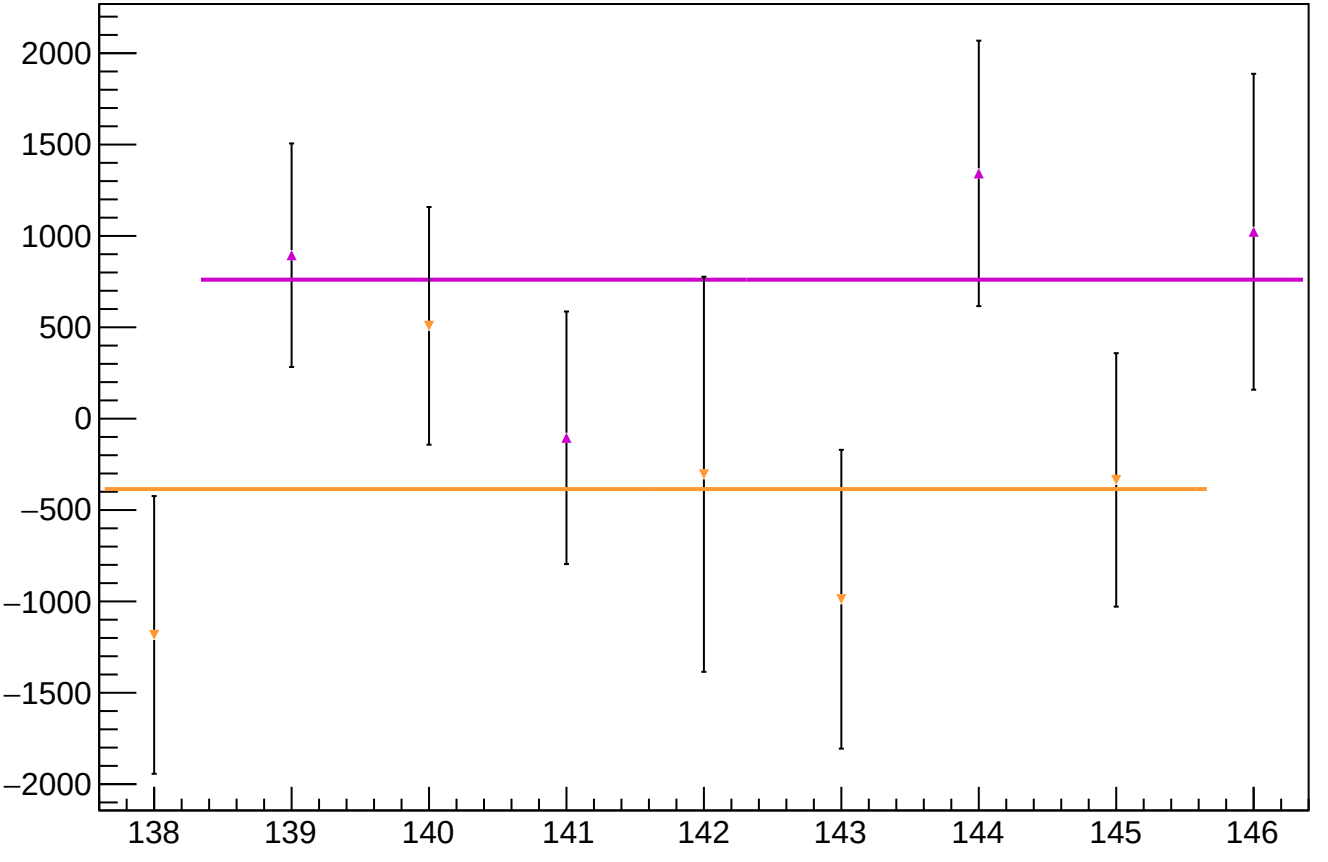
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 644.941+/-0.254 χ^2/NDF:97659.5/3

Out: 638.914+/-0.247 χ^2/NDF:32039.8/4

All: 641.844+/-0.177 χ^2/NDF: 129988.4/8

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -385.151+/-342.477 χ^2/NDF:3.5/4

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

Left In: 760.602+/-353.558 χ^2/NDF:2.3/3

Left: 169.489+/-245.992 χ^2/NDF: 11.3/8

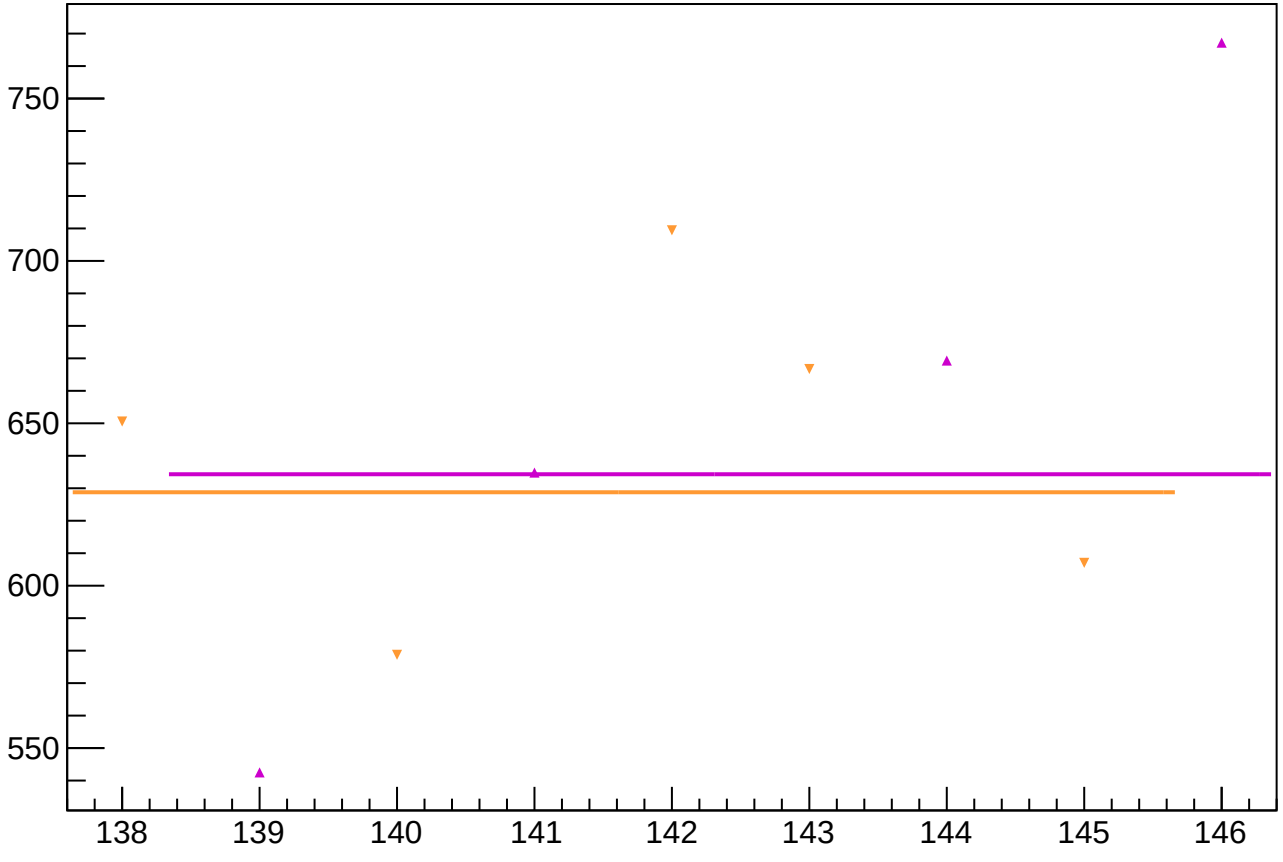
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 760.602+/-353.558 χ^2/NDF:2.3/3

Out: -385.151+/-342.477 χ^2/NDF:3.5/4

All: 169.489+/-245.992 χ^2/NDF: 11.3/8

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 628.771+/-0.242 χ^2/NDF:30892.4/4

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

Left In: 634.316+/-0.250 χ^2/NDF:96956.9/3

Left: 631.456+/-0.174 χ^2/NDF: 128103.2/8

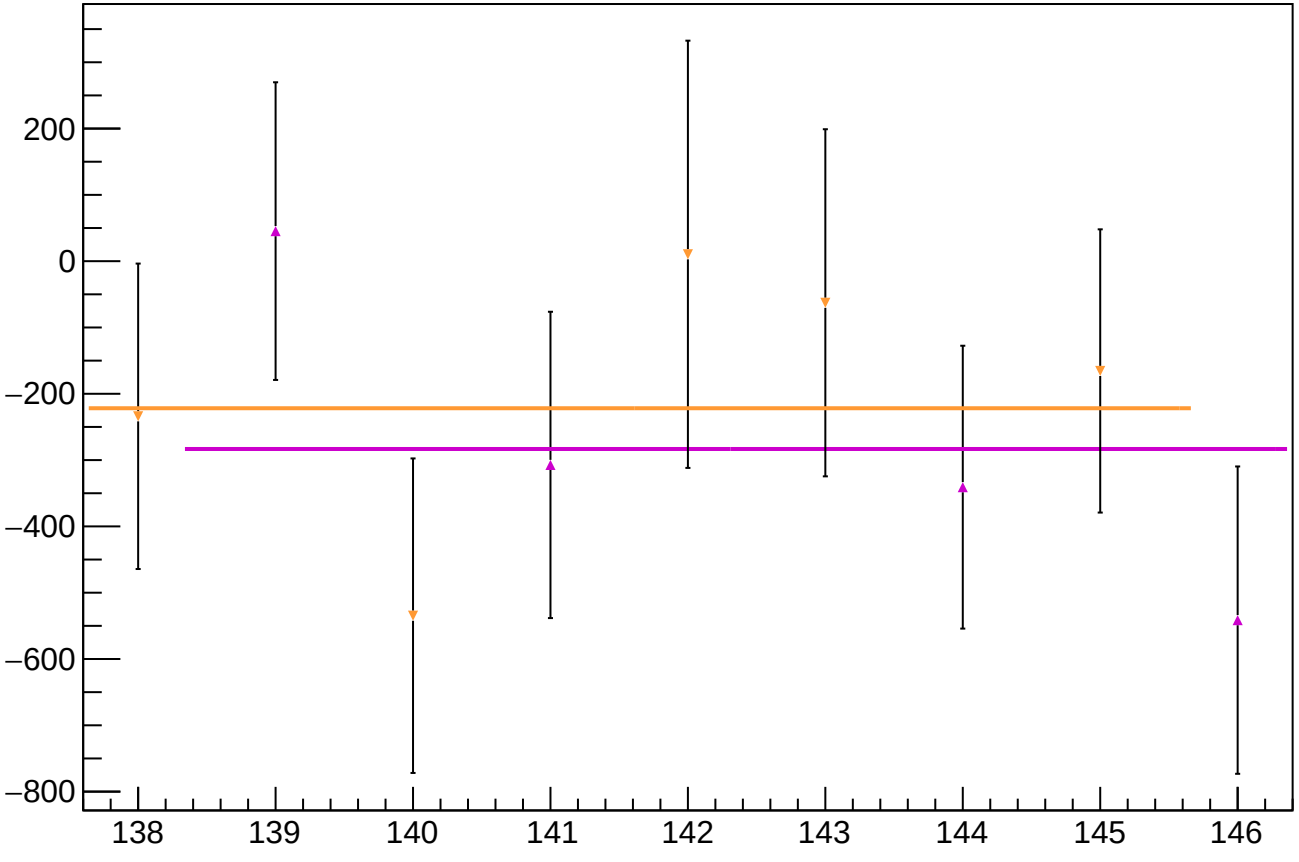
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 634.316+/-0.250 χ^2/NDF:96956.9/3

Out: 628.771+/-0.242 χ^2/NDF:30892.4/4

All: 631.456+/-0.174 χ^2/NDF: 128103.2/8

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -221.802+/-109.914 χ^2/NDF:2.7/4

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

Left In: -283.254+/-112.379 χ^2/NDF:3.5/3

Left: -251.847+/-78.578 χ^2/NDF: 6.3/8

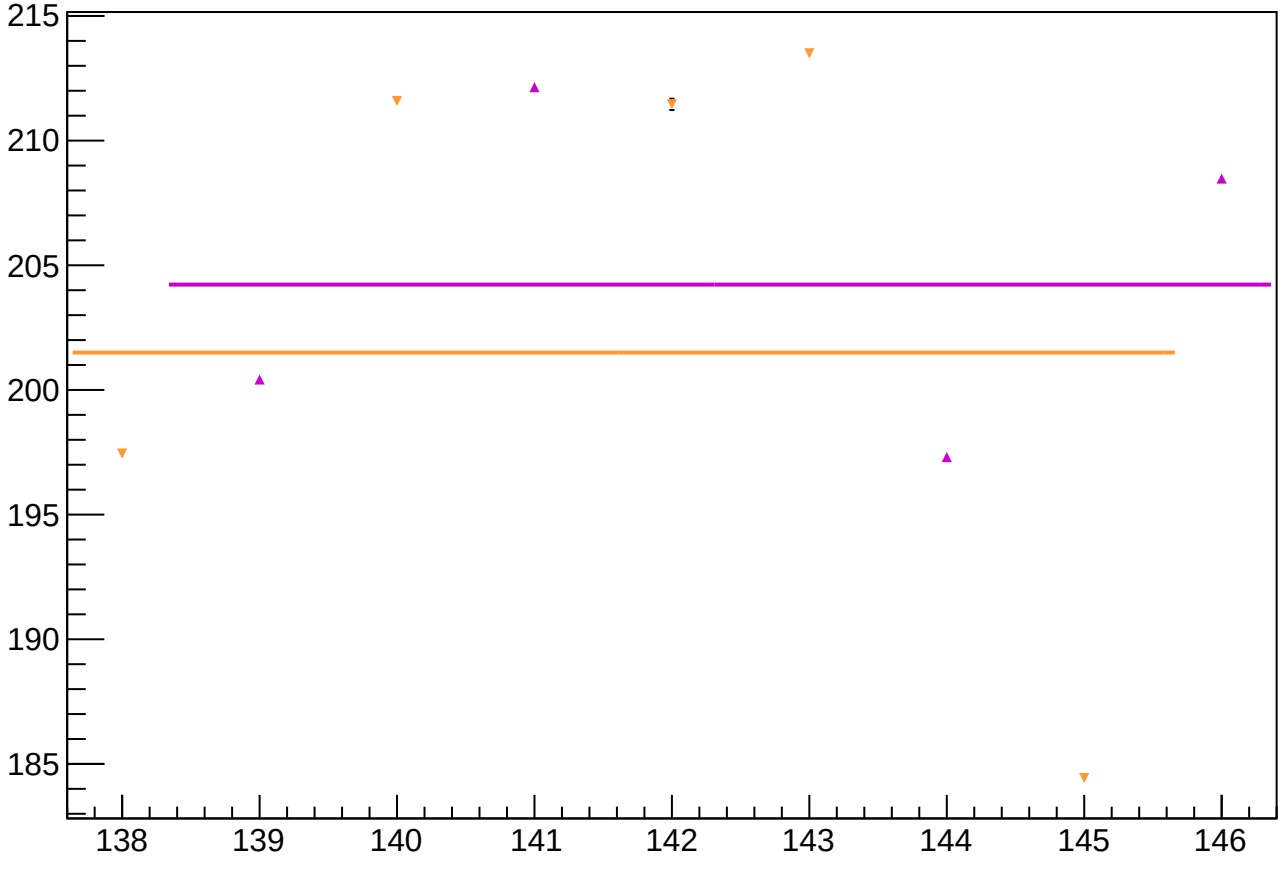
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -283.254+/-112.379 χ^2/NDF:3.5/3

Out: -221.802+/-109.914 χ^2/NDF:2.7/4

All: -251.847+/-78.578 χ^2/NDF: 6.3/8

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 201.500+/-0.078 χ^2/NDF:23119.9/4

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

Left In: 204.225+/-0.079 χ^2/NDF:5700.8/3

Left: 202.832+/-0.056 χ^2/NDF: 29422.0/8

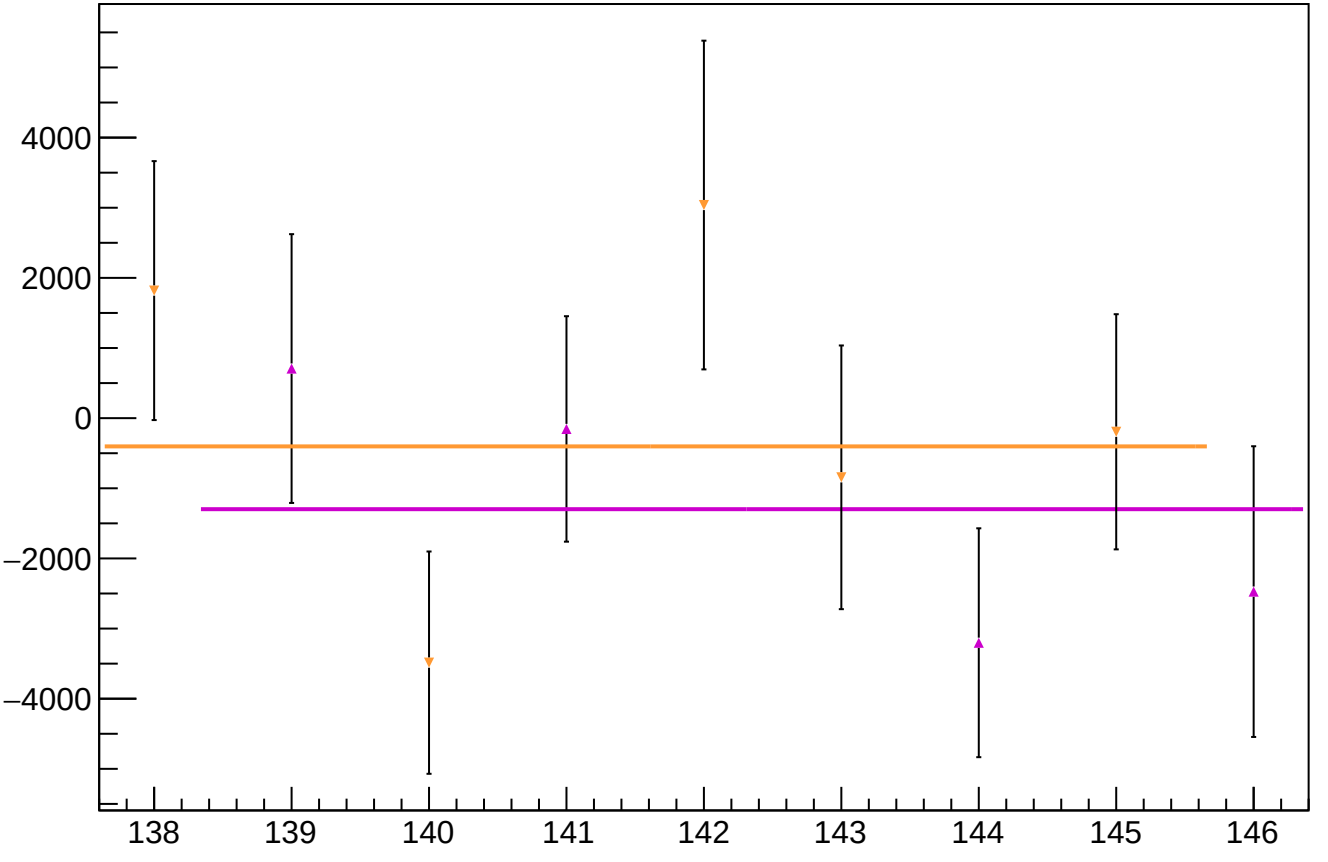
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 204.225+/-0.079 χ^2/NDF:5700.8/3

Out: 201.500+/-0.078 χ^2/NDF:23119.9/4

All: 202.832+/-0.056 χ^2/NDF: 29422.0/8

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -402.648+/-813.098 χ^2/NDF:7.5/4

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

Left In: -1297.790+/-888.077 χ^2/NDF:3.3/3

Left: -810.842+/-599.706 χ^2/NDF: 11.3/8

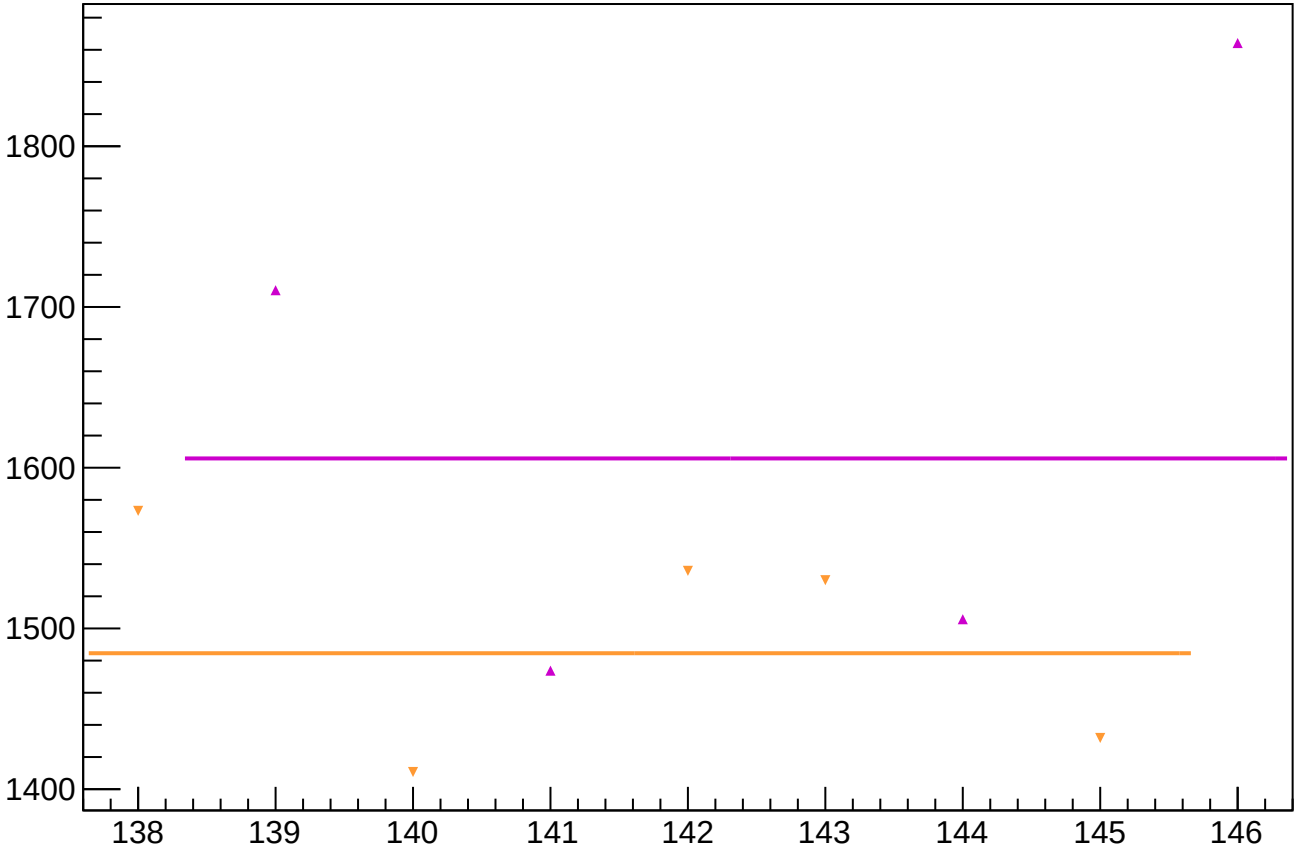
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1297.790+/-888.077 χ^2/NDF:3.3/3

Out: -402.648+/-813.098 χ^2/NDF:7.5/4

All: -810.842+/-599.706 χ^2/NDF: 11.3/8

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1484.582+/-0.575 χ^2/NDF:13055.1/4

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

Left In: 1605.772+/-0.628 χ^2/NDF:58084.7/3

Left: 1539.846+/-0.424 χ^2/NDF: 91400.2/8

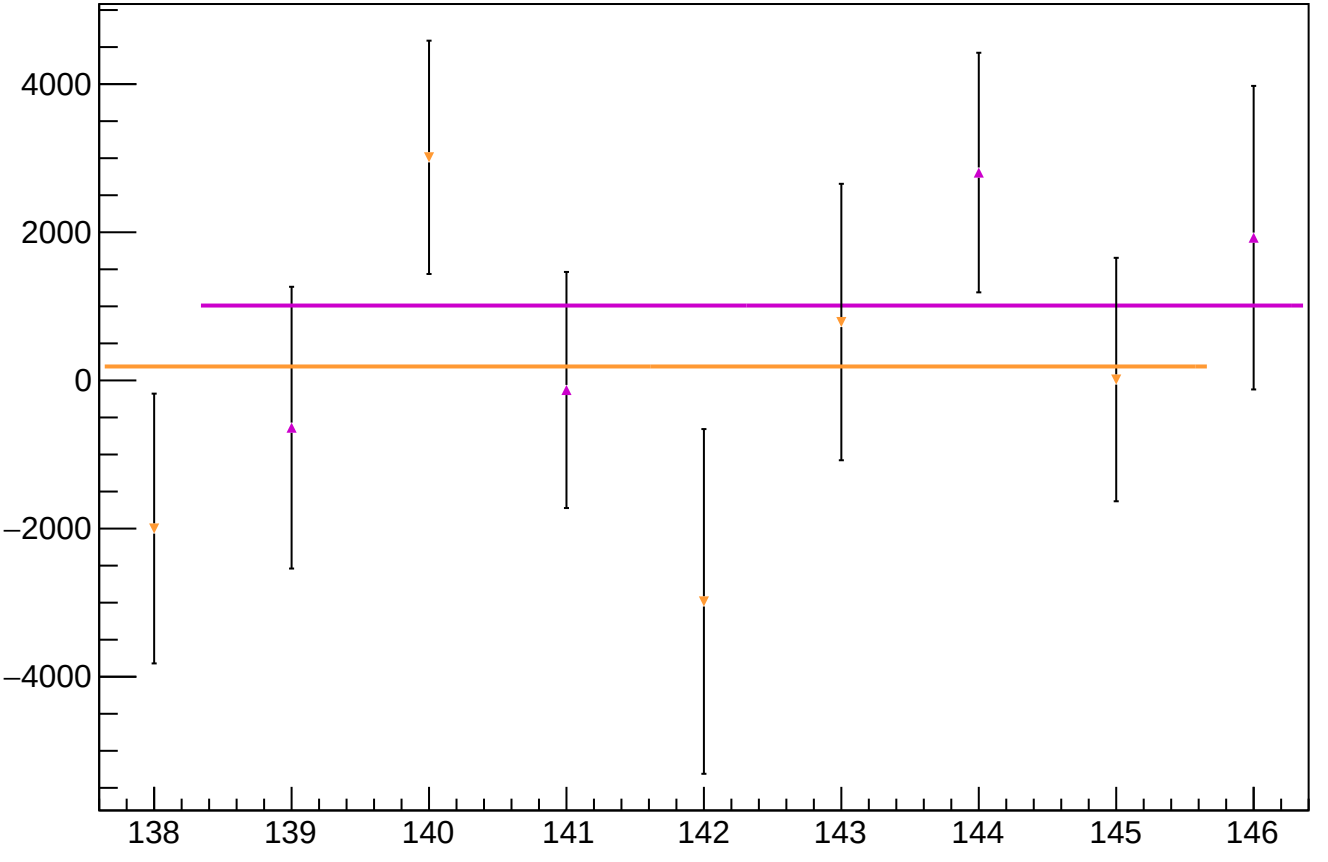
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1605.772+/-0.628 χ^2/NDF:58084.7/3

Out: 1484.582+/-0.575 χ^2/NDF:13055.1/4

All: 1539.846+/-0.424 χ^2/NDF: 91400.2/8

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 188.248+/-803.960 χ^2/NDF:6.6/4

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

Left In: 1010.897+/-880.161 χ^2/NDF:2.7/3

Left: 562.426+/-593.600 χ^2/NDF: 9.8/8

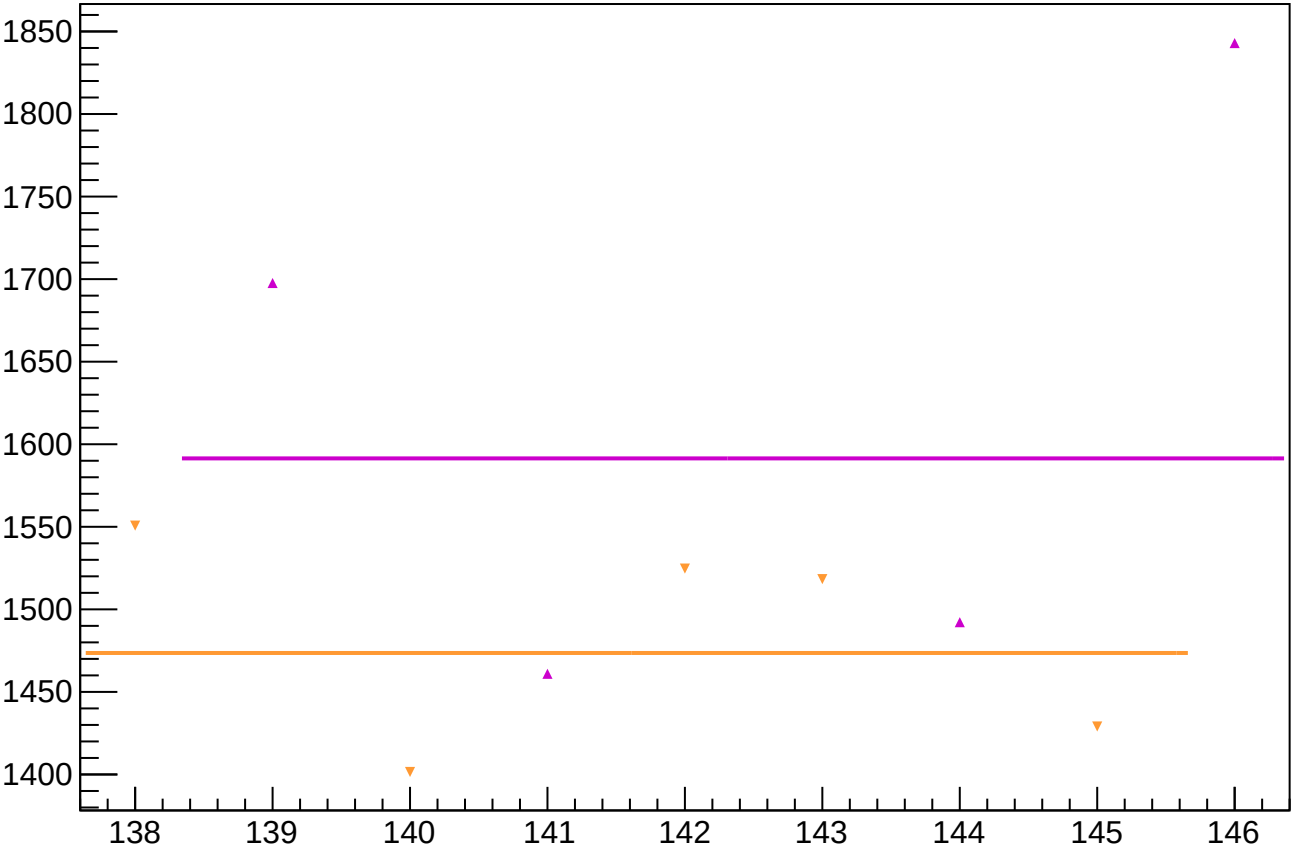
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1010.897+/-880.161 χ^2/NDF:2.7/3

Out: 188.248+/-803.960 χ^2/NDF:6.6/4

All: 562.426+/-593.600 χ^2/NDF: 9.8/8

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1473.581+/-0.568 χ^2/NDF:11359.5/4

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

Left In: 1591.427+/-0.622 χ^2/NDF:57313.2/3

Left: 1527.183+/-0.420 χ^2/NDF: 88218.4/8

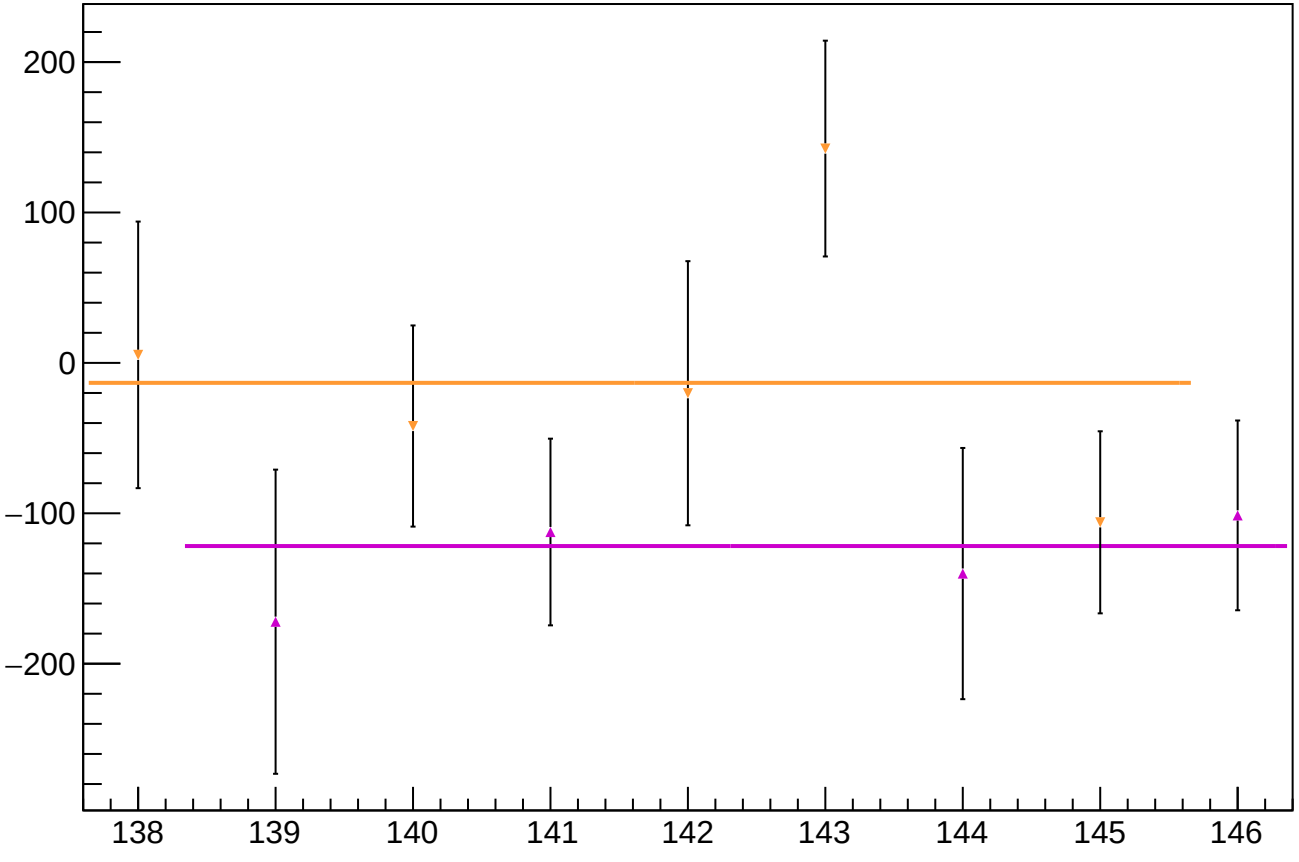
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1591.427+/-0.622 χ^2/NDF:57313.2/3

Out: 1473.581+/-0.568 χ^2/NDF:11359.5/4

All: 1527.183+/-0.420 χ^2/NDF: 88218.4/8

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -13.261+/-32.480 χ^2/NDF:7.3/4

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

Left In: -121.775+/-36.465 χ^2/NDF:0.4/3

Left: -61.267+/-24.254 χ^2/NDF: 12.7/8

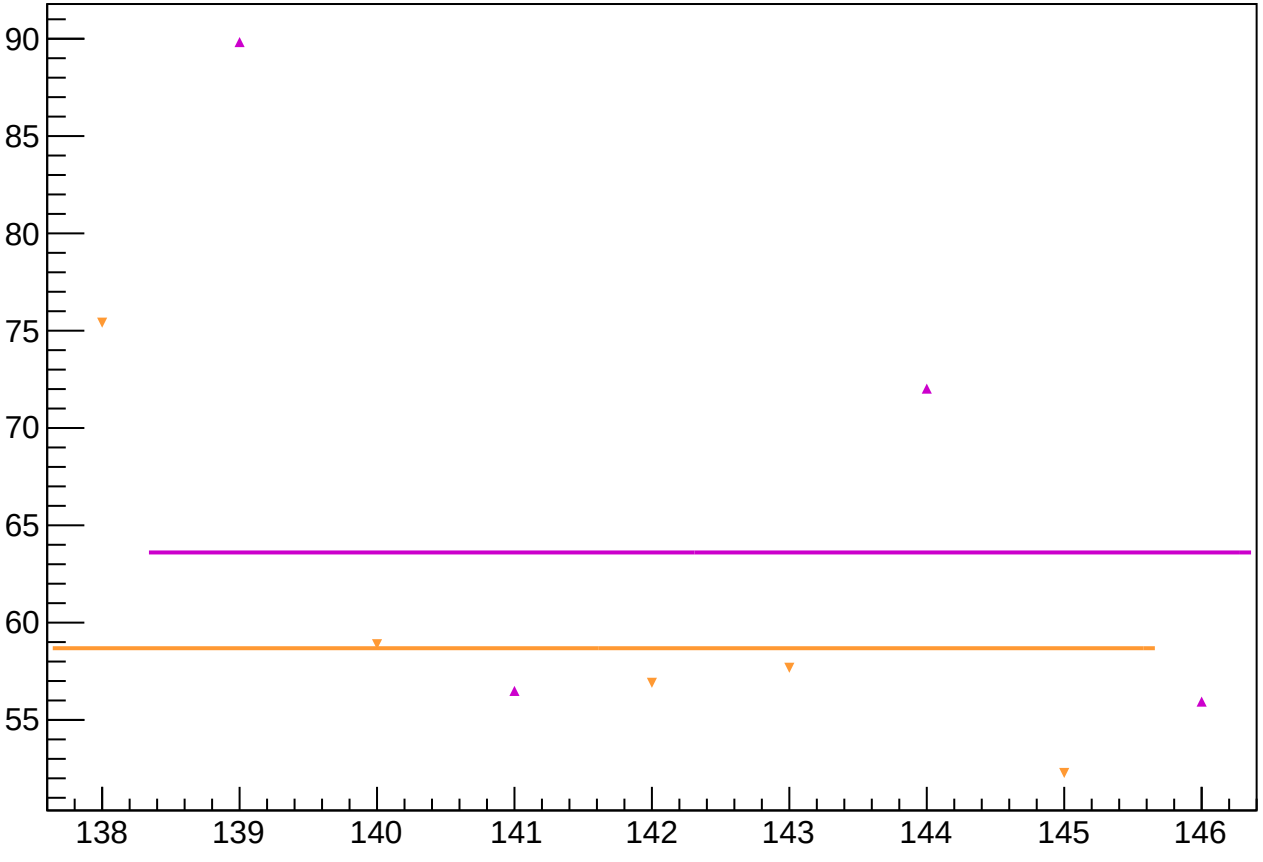
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -121.775+/-36.465 χ^2/NDF:0.4/3

Out: -13.261+/-32.480 χ^2/NDF:7.3/4

All: -61.267+/-24.254 χ^2/NDF: 12.7/8

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 58.685+/-0.023 χ^2/NDF:94898.9/4

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

Left In: 63.605+/-0.026 χ^2/NDF:210630.9/3

Left: 60.862+/-0.017 χ^2/NDF: 325831.4/8

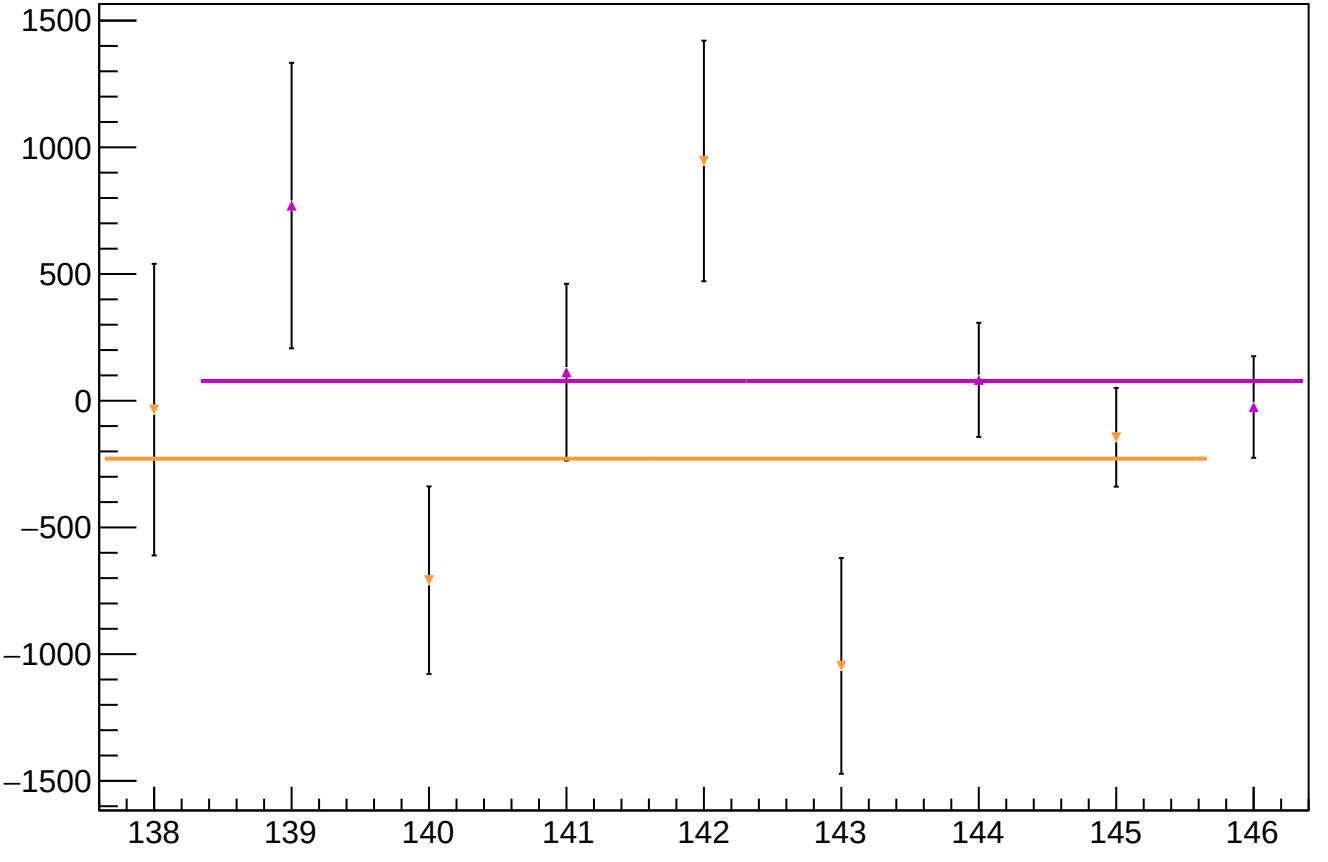
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.605+/-0.026 χ^2/NDF:210630.9/3

Out: 58.685+/-0.023 χ^2/NDF:94898.9/4

All: 60.862+/-0.017 χ^2/NDF: 325831.4/8

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -228.448+/-146.465 χ^2/NDF:11.8/4

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

Left In: 77.962+/-133.632 χ^2/NDF:1.8/3

Left: -61.234+/-98.718 χ^2/NDF: 16.0/8

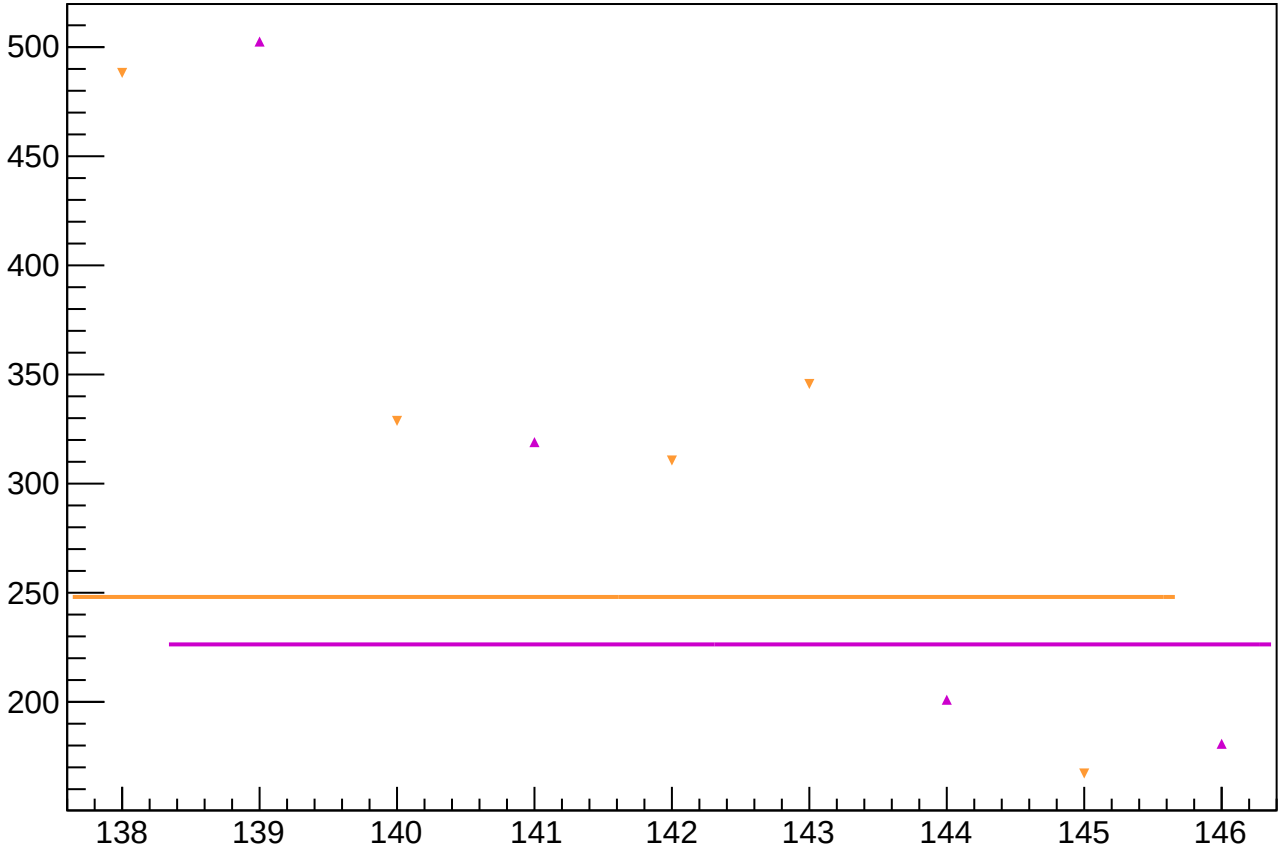
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 77.962+/-133.632 χ^2/NDF:1.8/3

Out: -228.448+/-146.465 χ^2/NDF:11.8/4

All: -61.234+/-98.718 χ^2/NDF: 16.0/8

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 248.072+/-0.104 χ^2/NDF:927766.2/4

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

Left In: 226.334+/-0.094 χ^2/NDF:750840.3/3

Left: 236.210+/-0.070 χ^2/NDF: 1702648.5/8

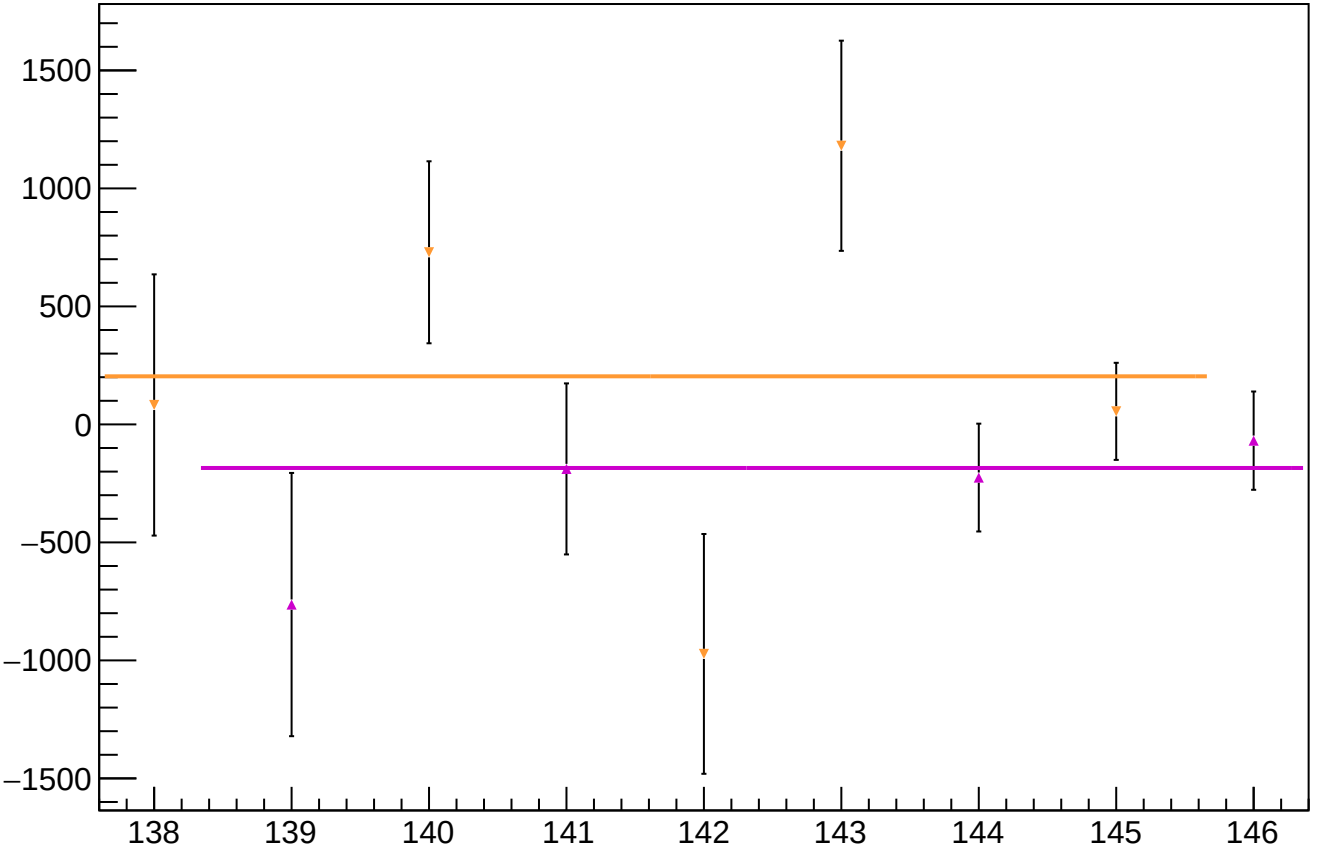
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 226.334+/-0.094 χ^2/NDF:750840.3/3

Out: 248.072+/-0.104 χ^2/NDF:927766.2/4

All: 236.210+/-0.070 χ^2/NDF: 1702648.5/8

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 203.720+/-153.311 χ^2/NDF:12.6/4

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

Left In: -184.656+/-137.297 χ^2/NDF:1.4/3

Left: -11.804+/-102.278 χ^2/NDF: 17.6/8

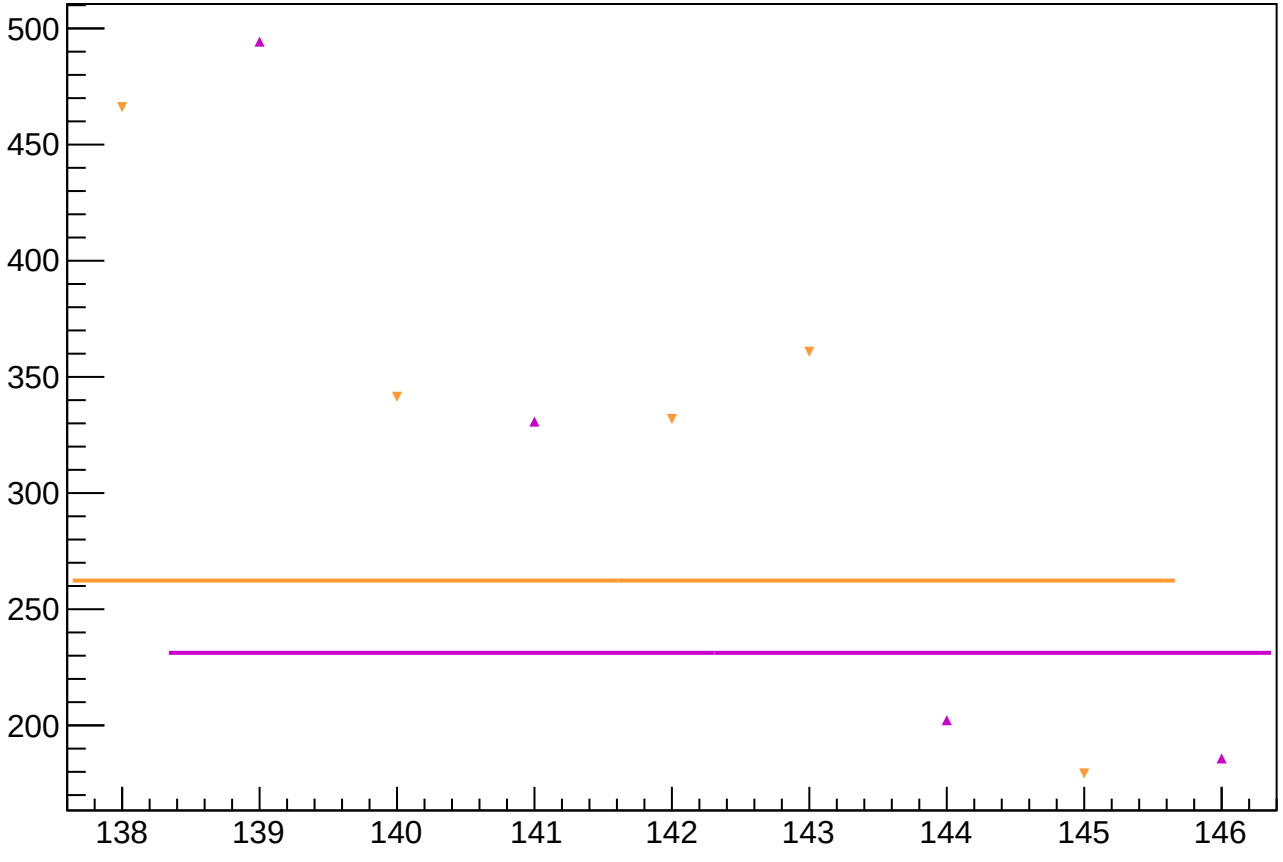
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -184.656+/-137.297 χ^2/NDF:1.4/3

Out: 203.720+/-153.311 χ^2/NDF:12.6/4

All: -11.804+/-102.278 χ^2/NDF: 17.6/8

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 262.346+/-0.108 χ^2/NDF:816474.9/4

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

Left In: 231.234+/-0.097 χ^2/NDF:723475.4/3

Left: 245.081+/-0.072 χ^2/NDF: 1585656.3/8

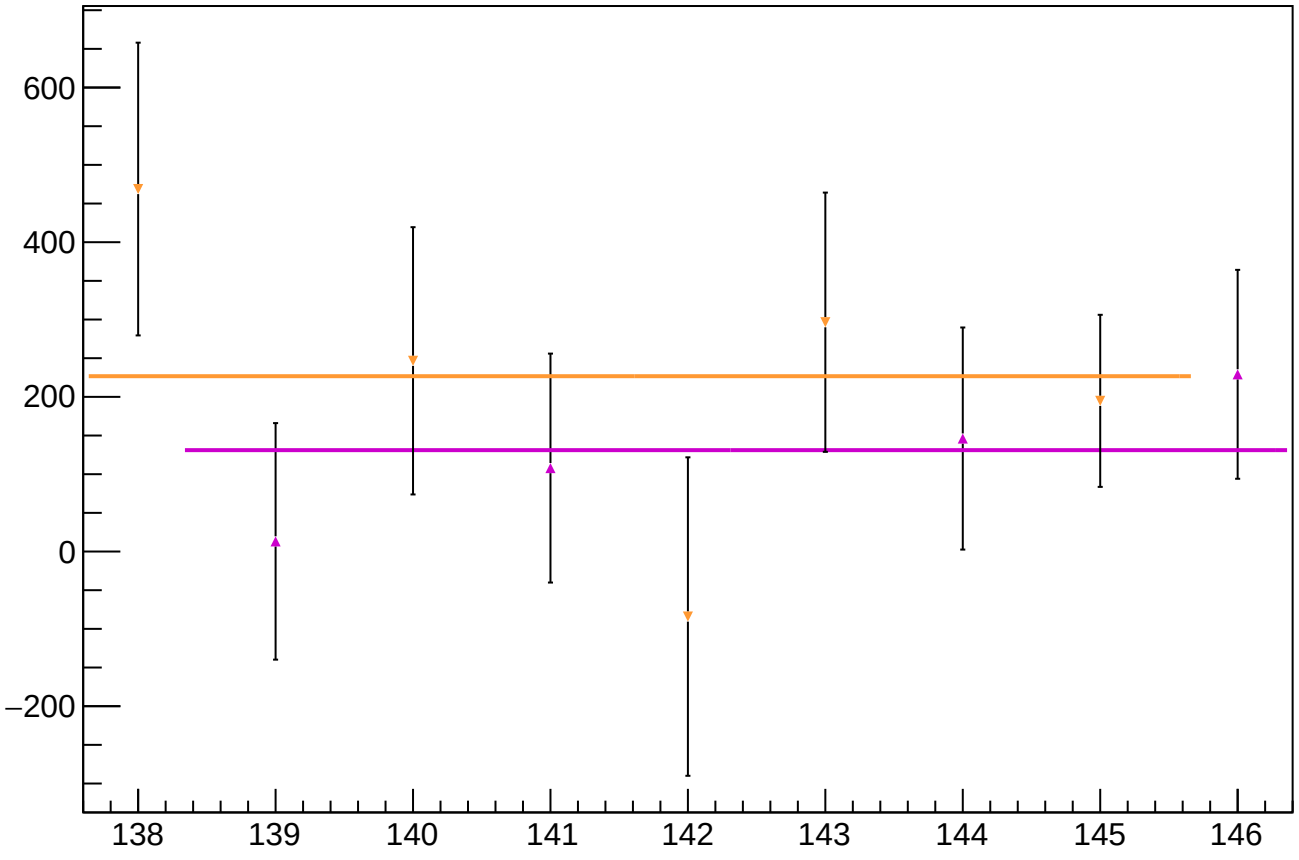
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 231.234+/-0.097 χ^2/NDF:723475.4/3

Out: 262.346+/-0.108 χ^2/NDF:816474.9/4

All: 245.081+/-0.072 χ^2/NDF: 1585656.3/8

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 226.721+/-70.472 χ^2/NDF:4.2/4

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

Left In: 131.105+/-72.226 χ^2/NDF:1.2/3

Left: 180.088+/-50.440 χ^2/NDF: 6.2/8

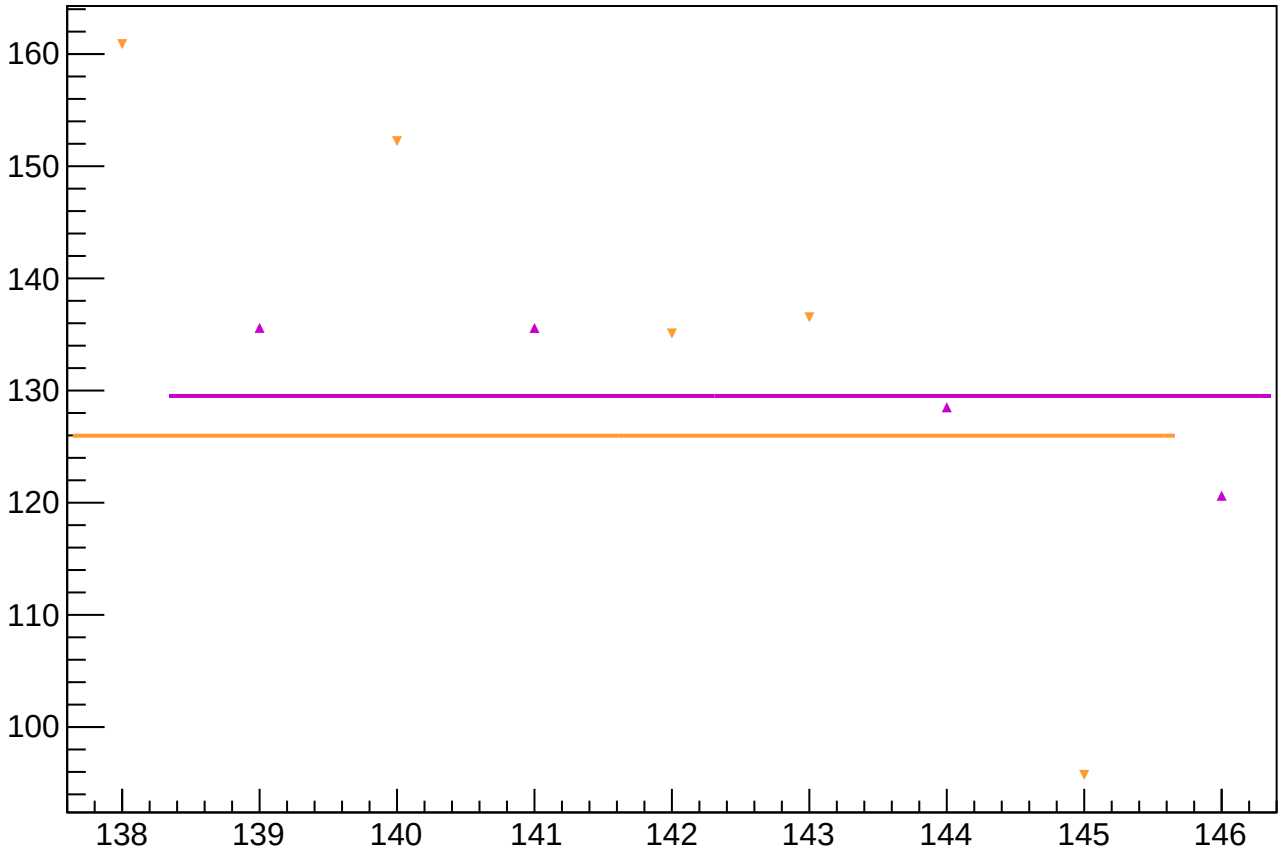
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 131.105+/-72.226 χ^2/NDF:1.2/3

Out: 226.721+/-70.472 χ^2/NDF:4.2/4

All: 180.088+/-50.440 χ^2/NDF: 6.2/8

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 125.977+/-0.050 χ^2/NDF:273791.7/4

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

Left In: 129.517+/-0.051 χ^2/NDF:15278.0/3

Left: 127.704+/-0.036 χ^2/NDF: 291530.9/8

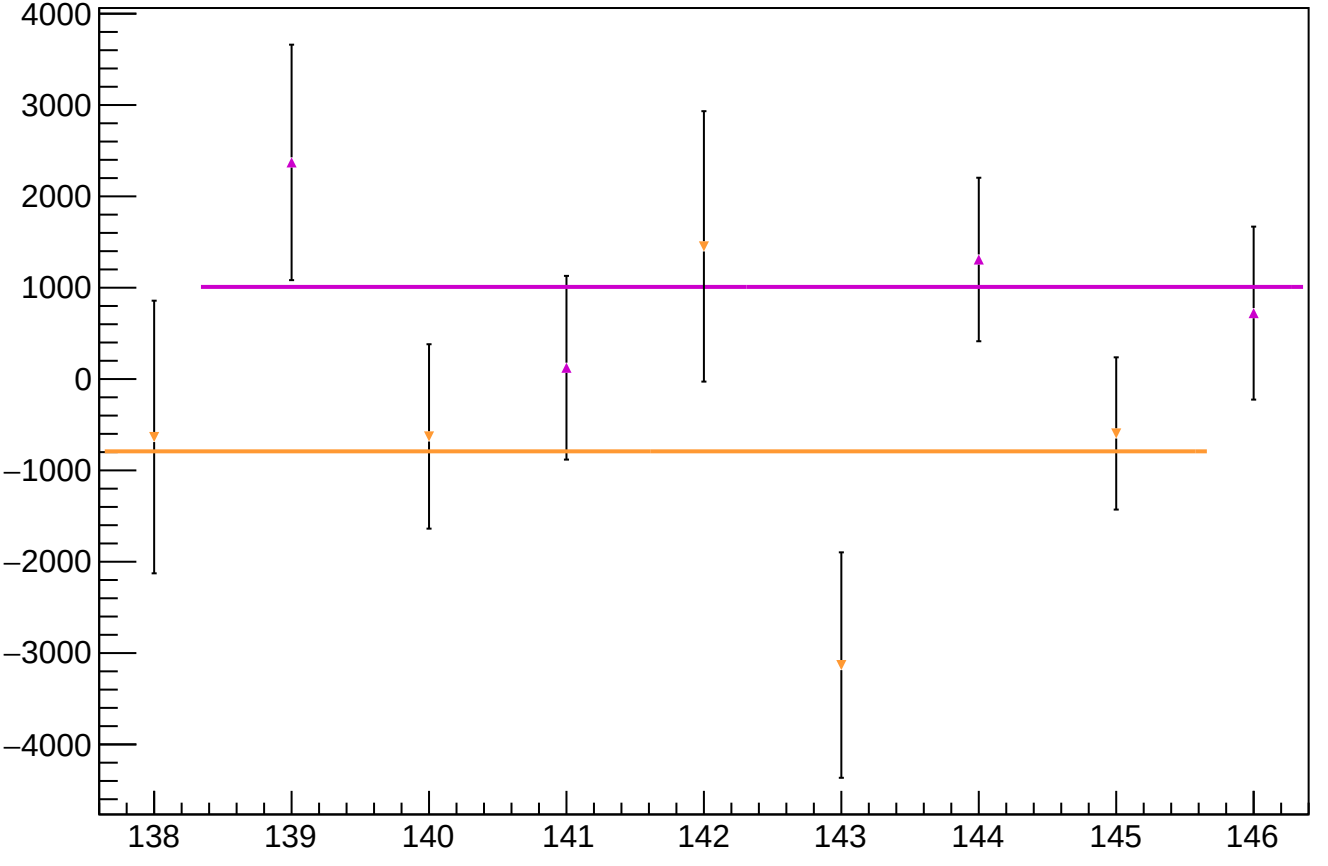
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 129.517+/-0.051 χ^2/NDF:15278.0/3

Out: 125.977+/-0.050 χ^2/NDF:273791.7/4

All: 127.704+/-0.036 χ^2/NDF: 291530.9/8

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -791.424+/-501.063 χ^2/NDF:6.0/4

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

Left In: 1008.725+/-502.878 χ^2/NDF:2.1/3

Left: 105.397+/-354.945 χ^2/NDF: 14.5/8

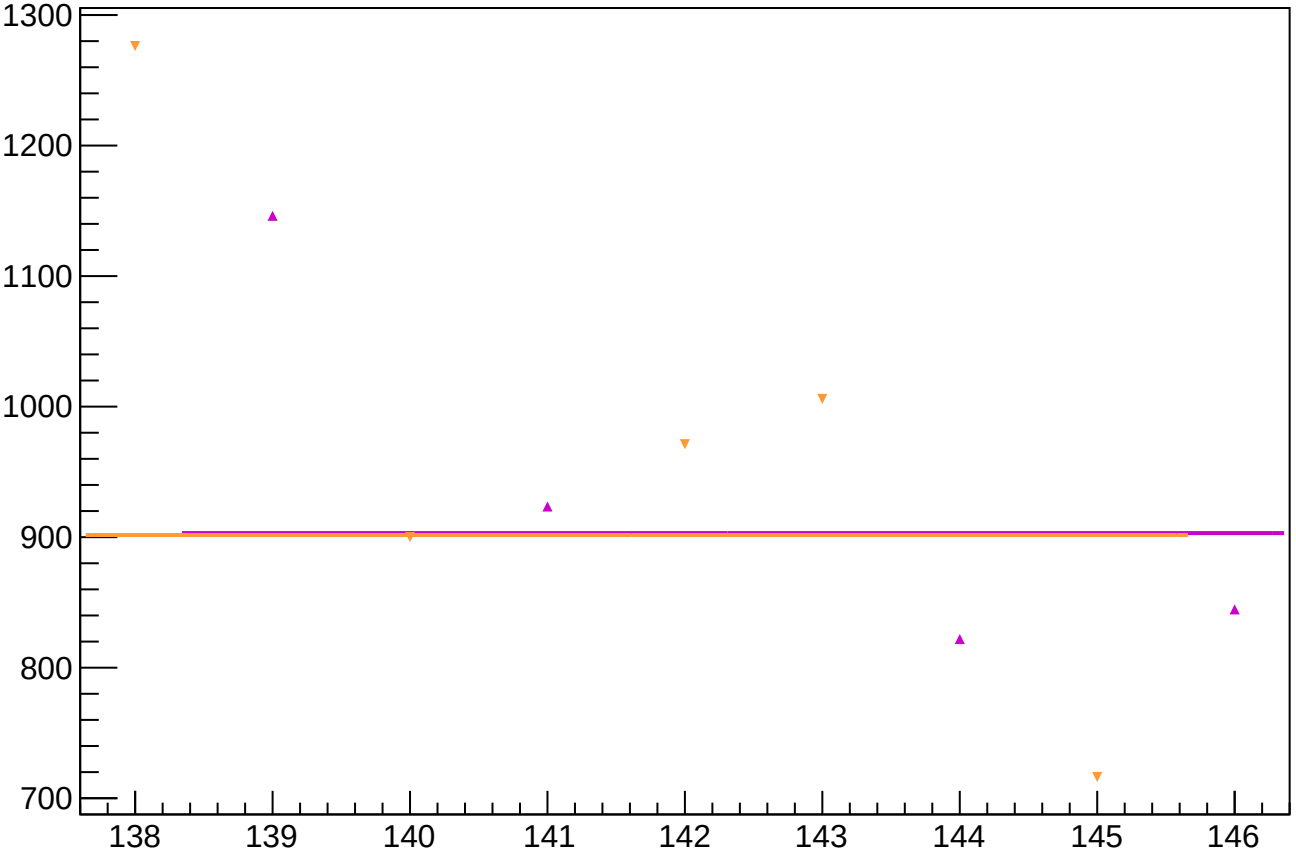
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1008.725+/-502.878 χ^2/NDF:2.1/3

Out: -791.424+/-501.063 χ^2/NDF:6.0/4

All: 105.397+/-354.945 χ^2/NDF: 14.5/8

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 901.604+/-0.354 χ^2/NDF:243676.0/4

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

Left In: 903.120+/-0.356 χ^2/NDF:96018.5/3

Left: 902.359+/-0.251 χ^2/NDF: 339703.6/8

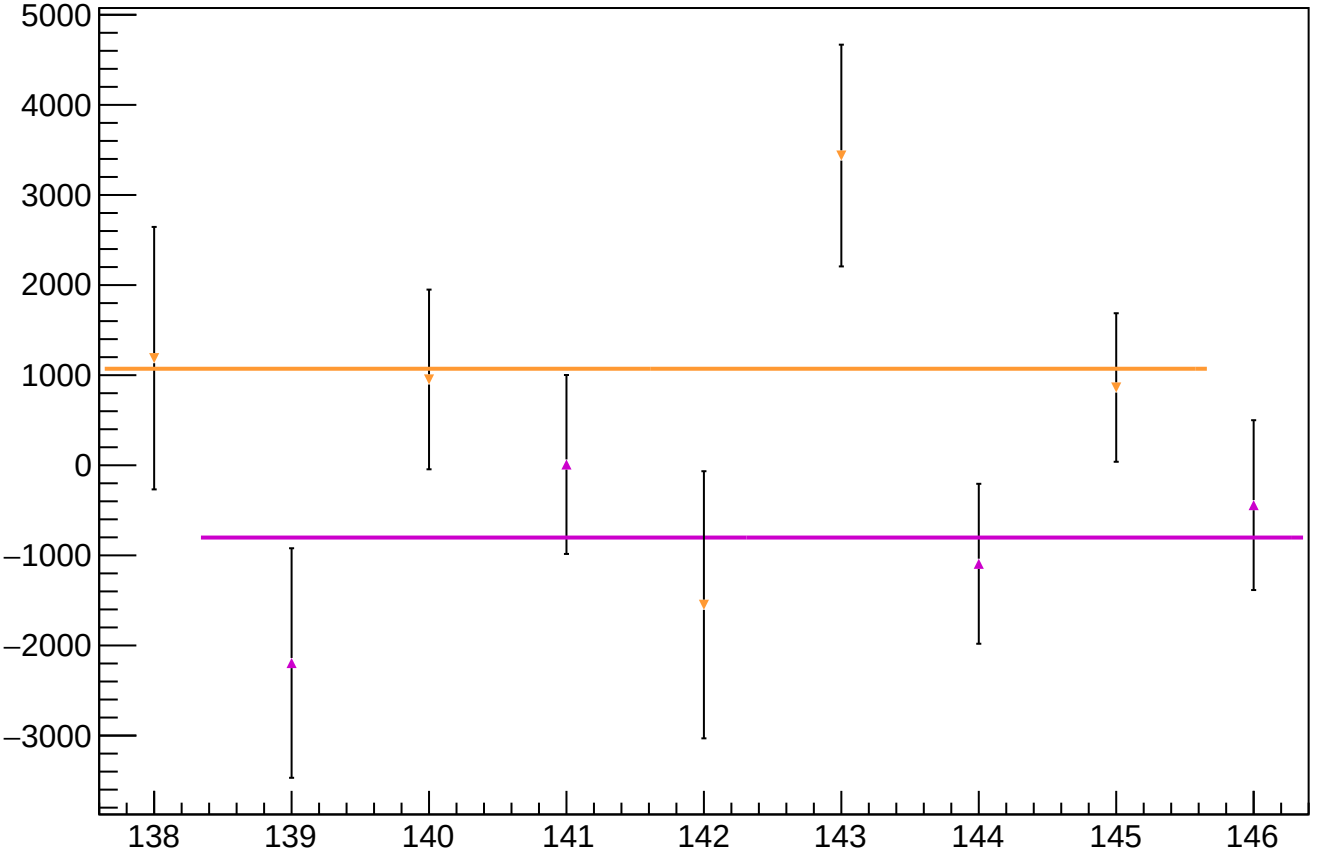
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 903.120+/-0.356 χ^2/NDF:96018.5/3

Out: 901.604+/-0.354 χ^2/NDF:243676.0/4

All: 902.359+/-0.251 χ^2/NDF: 339703.6/8

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1071.420+/-496.048 χ^2/NDF:6.9/4

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

Left In: -802.189+/-498.424 χ^2/NDF:2.1/3

Left: 139.092+/-351.596 χ^2/NDF: 16.1/8

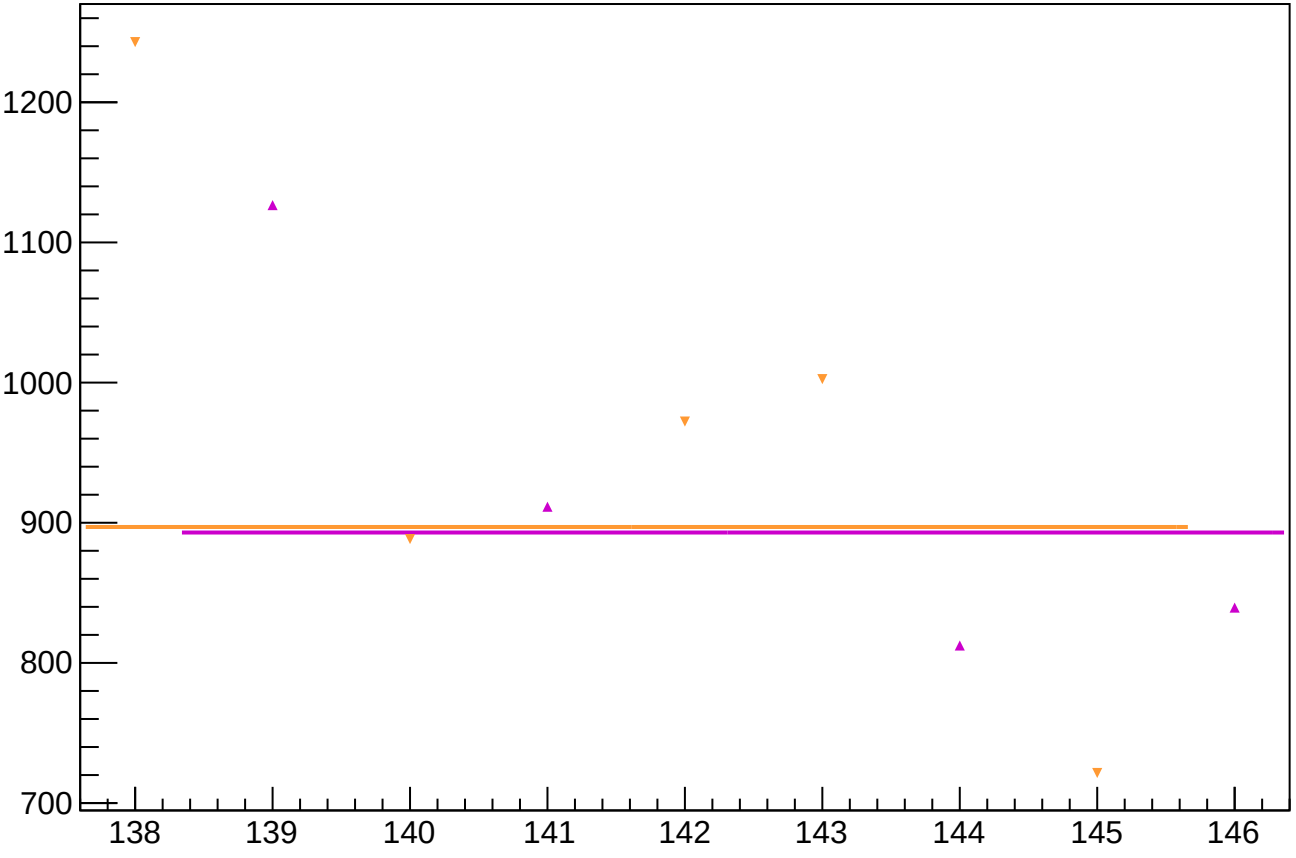
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -802.189+/-498.424 χ^2/NDF:2.1/3

Out: 1071.420+/-496.048 χ^2/NDF:6.9/4

All: 139.092+/-351.596 χ^2/NDF: 16.1/8

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 896.986+/-0.351 χ^2/NDF:223468.3/4

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

Left In: 893.037+/-0.352 χ^2/NDF:90895.5/3

Left: 895.021+/-0.249 χ^2/NDF: 314426.8/8

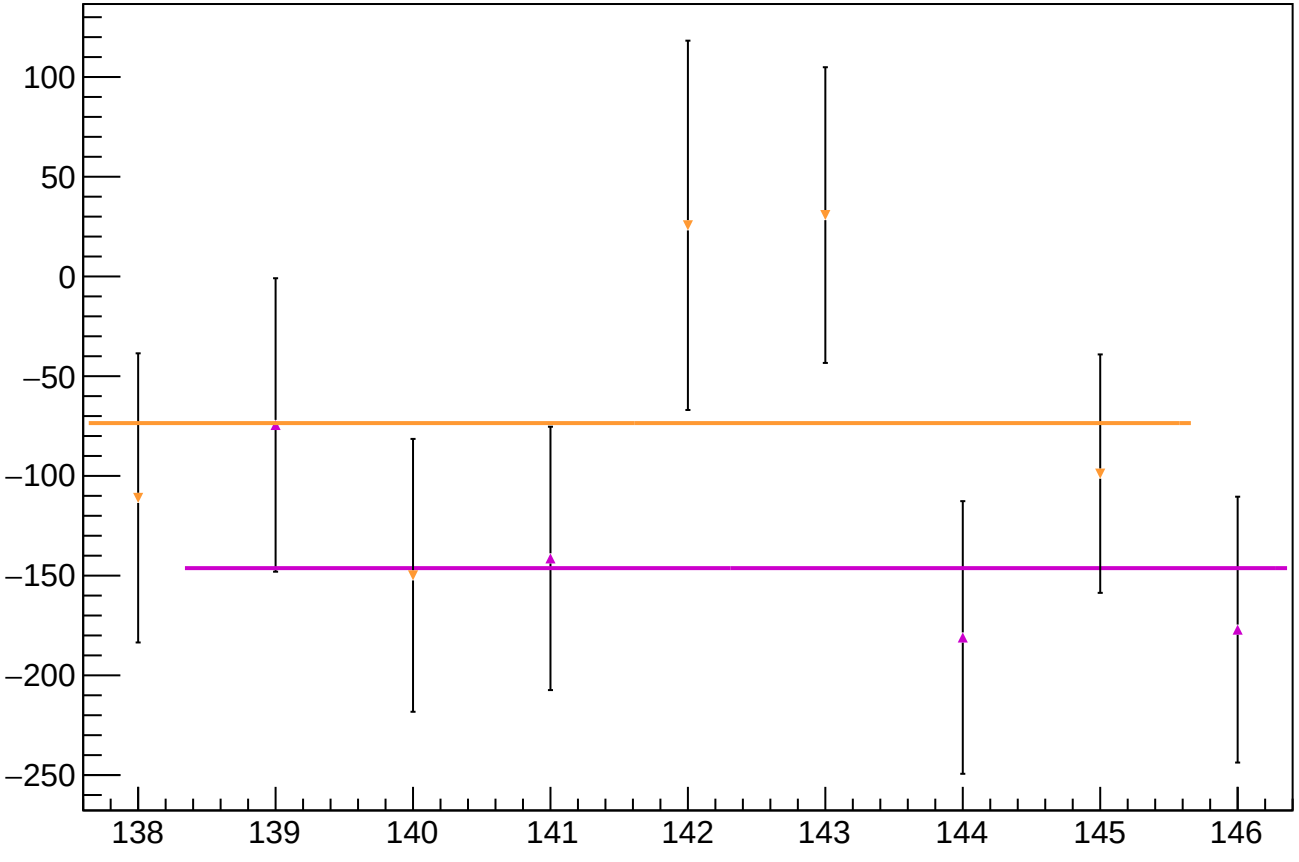
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 893.037+/-0.352 χ^2/NDF:90895.5/3

Out: 896.986+/-0.351 χ^2/NDF:223468.3/4

All: 895.021+/-0.249 χ^2/NDF: 314426.8/8

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: -73.520+/-31.903 χ^2/NDF:4.8/4

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

Left In: -146.244+/-34.233 χ^2/NDF:1.4/3

Left: -107.323+/-23.339 χ^2/NDF: 8.7/8

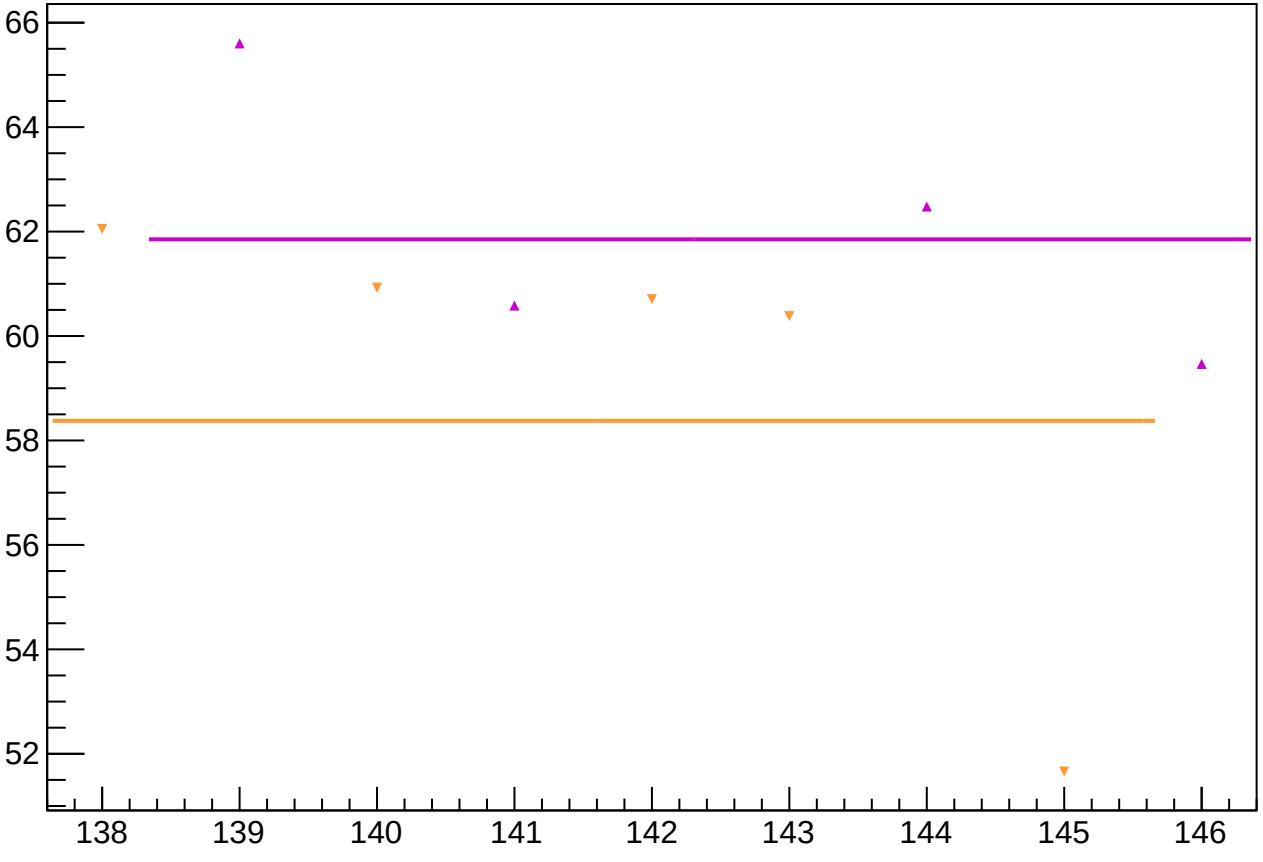
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -146.244+/-34.233 χ^2/NDF:1.4/3

Out: -73.520+/-31.903 χ^2/NDF:4.8/4

All: -107.323+/-23.339 χ^2/NDF: 8.7/8

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: 58.376+/-0.023 χ^2/NDF:35888.9/4

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

Left In: 61.851+/-0.024 χ^2/NDF:8671.2/3

Left: 59.991+/-0.017 χ^2/NDF: 55592.2/8

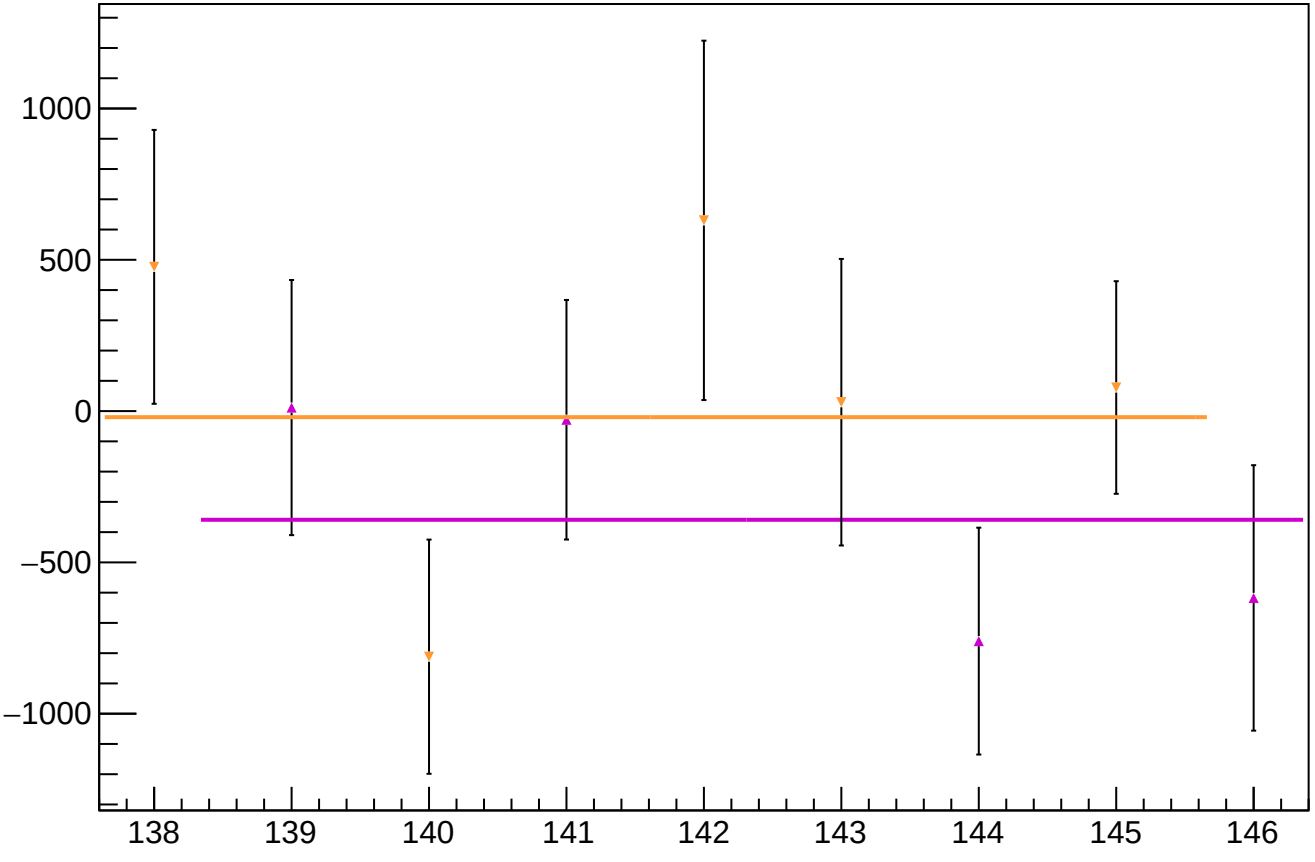
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.851+/-0.024 χ^2/NDF:8671.2/3

Out: 58.376+/-0.023 χ^2/NDF:35888.9/4

All: 59.991+/-0.017 χ^2/NDF: 55592.2/8

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: -20.088+/-192.594 χ^2/NDF:6.7/4

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

Left In: -359.155+/-202.769 χ^2/NDF:3.0/3

Left: -180.902+/-139.643 χ^2/NDF: 11.1/8

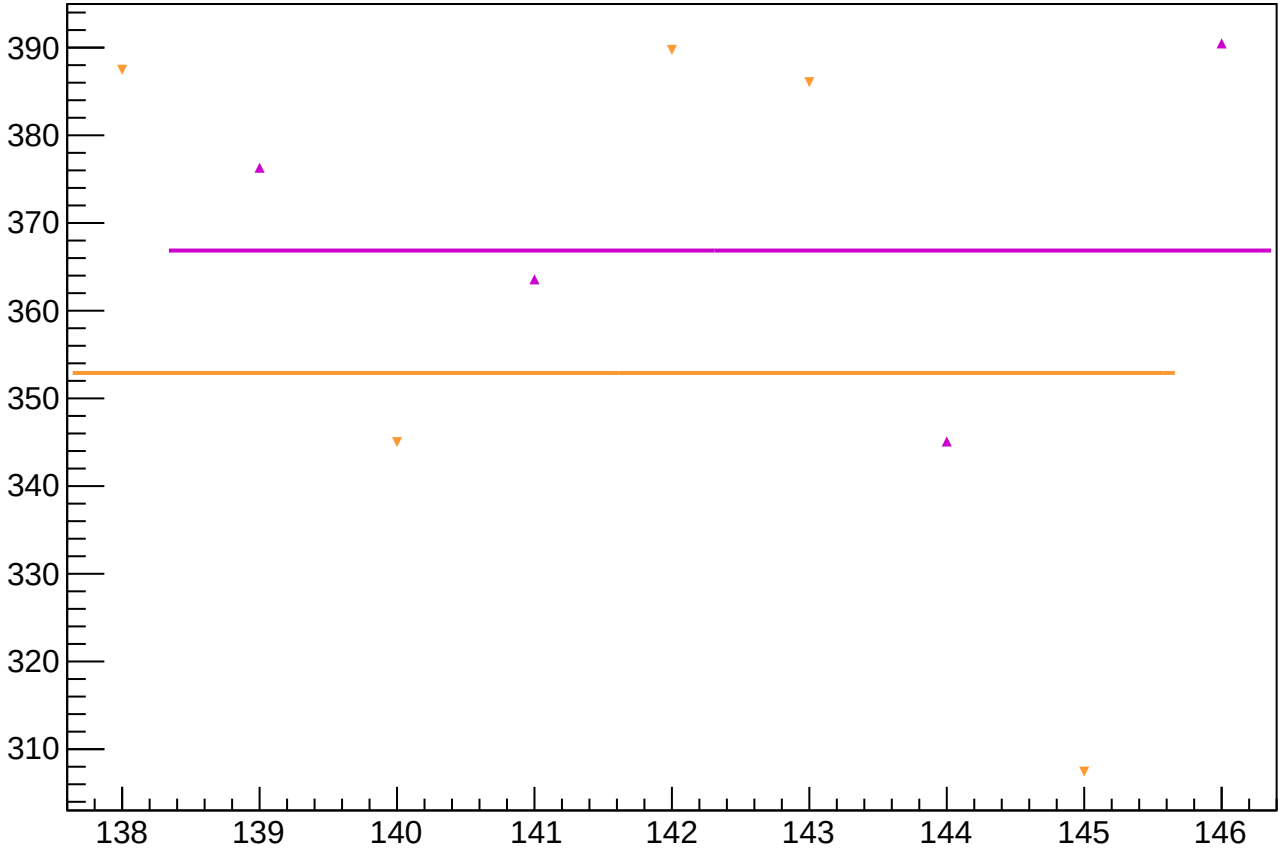
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -359.155+/-202.769 χ^2/NDF:3.0/3

Out: -20.088+/-192.594 χ^2/NDF:6.7/4

All: -180.902+/-139.643 χ^2/NDF: 11.1/8

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: 352.902+/-0.136 χ^2/NDF:63492.3/4

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

Left In: 366.862+/-0.143 χ^2/NDF:13685.4/3

Left: 359.523+/-0.099 χ^2/NDF: 82161.3/8

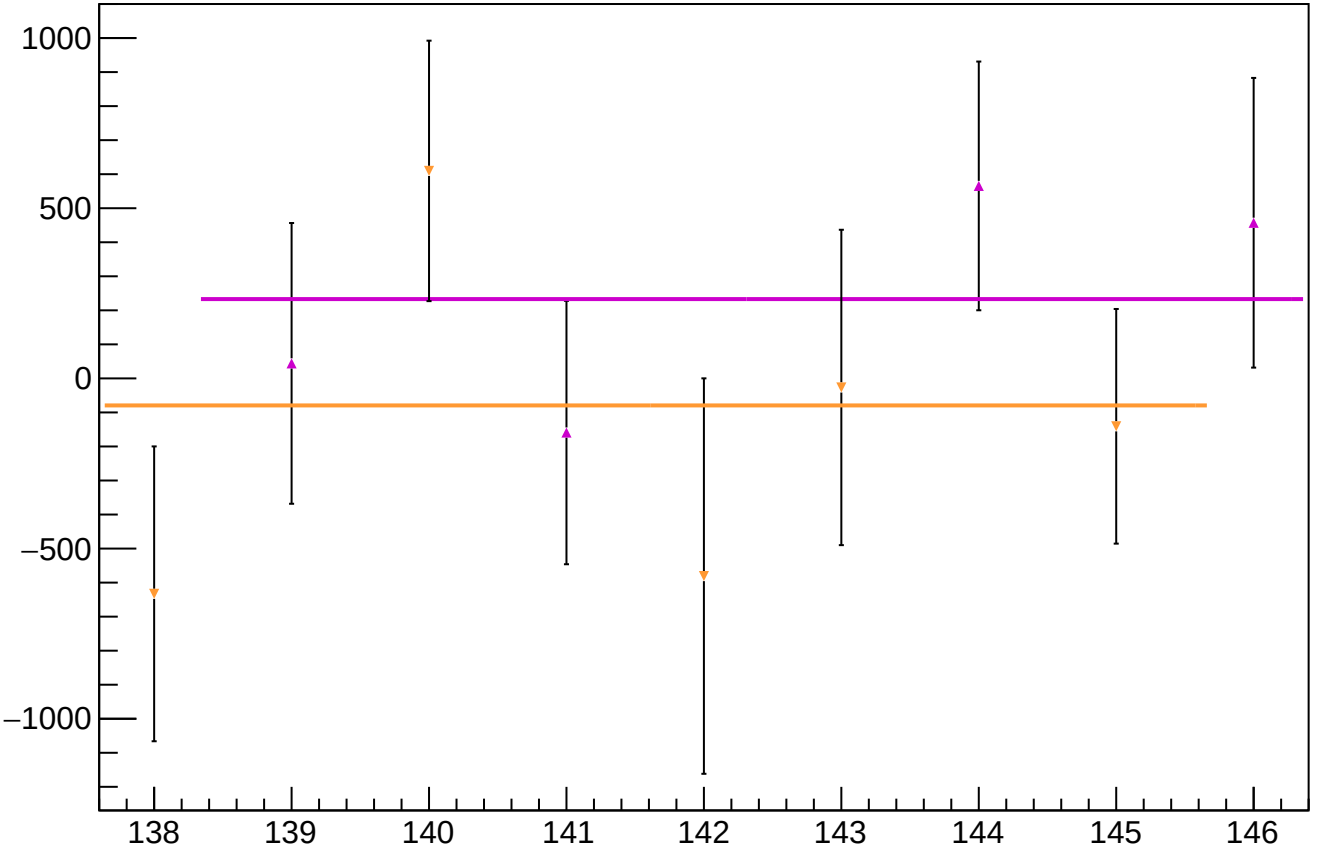
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 366.862+/-0.143 χ^2/NDF:13685.4/3

Out: 352.902+/-0.136 χ^2/NDF:63492.3/4

All: 359.523+/-0.099 χ^2/NDF: 82161.3/8

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -79.393+/-188.319 χ^2/NDF:5.7/4

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

Left In: 233.050+/-197.773 χ^2/NDF:2.3/3

Left: 69.182+/-136.381 χ^2/NDF: 9.3/8

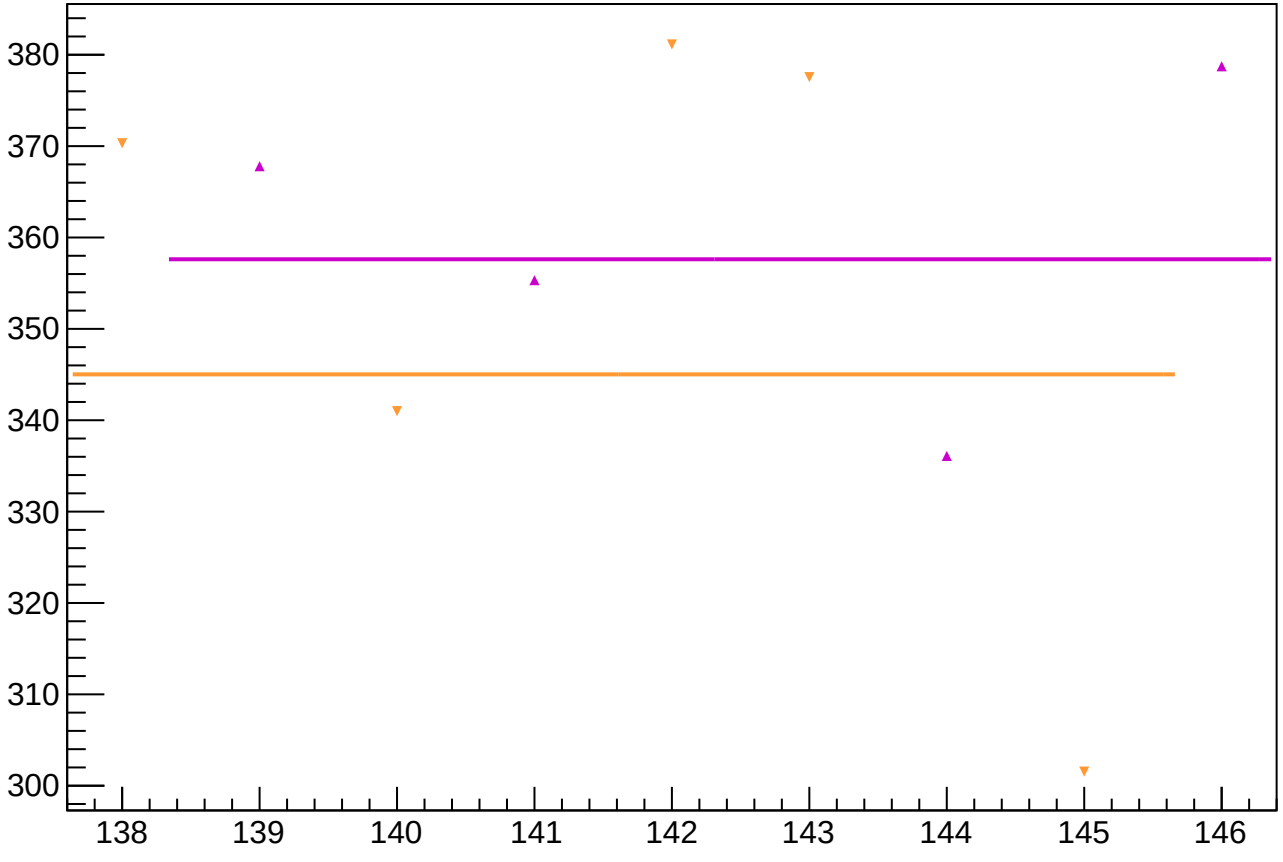
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 233.050+/-197.773 χ^2/NDF:2.3/3

Out: -79.393+/-188.319 χ^2/NDF:5.7/4

All: 69.182+/-136.381 χ^2/NDF: 9.3/8

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 345.021+/-0.133 χ^2/NDF:56437.1/4

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

Left In: 357.617+/-0.140 χ^2/NDF:13154.8/3

Left: 351.011+/-0.096 χ^2/NDF: 73846.7/8

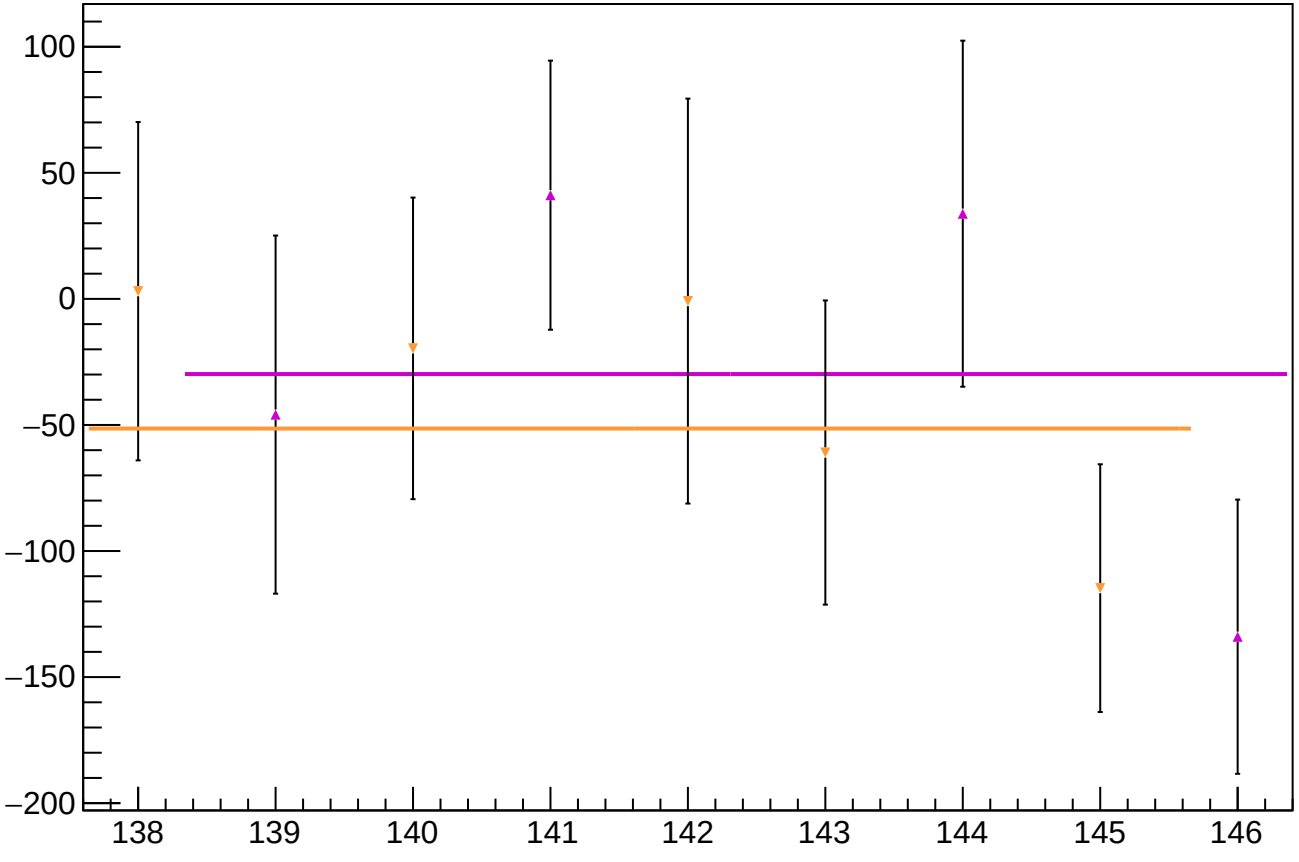
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 357.617+/-0.140 χ^2/NDF:13154.8/3

Out: 345.021+/-0.133 χ^2/NDF:56437.1/4

All: 351.011+/-0.096 χ^2/NDF: 73846.7/8

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: -51.429+/-27.259 χ^2/NDF:3.0/4

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

Left In: -29.811+/-30.152 χ^2/NDF:6.3/3

Left: -41.707+/-20.221 χ^2/NDF: 9.7/8

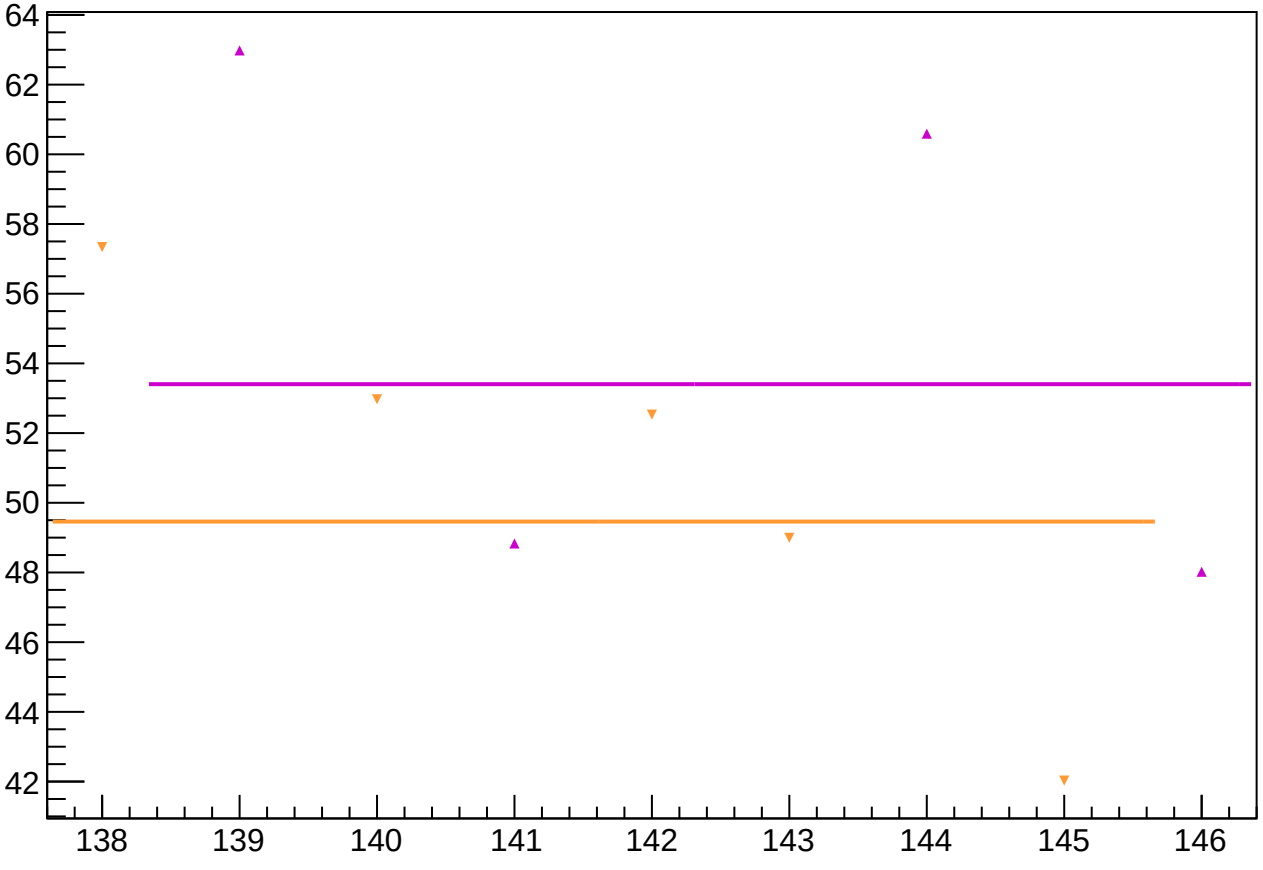
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.811+/-30.152 χ^2/NDF:6.3/3

Out: -51.429+/-27.259 χ^2/NDF:3.0/4

All: -41.707+/-20.221 χ^2/NDF: 9.7/8

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: 49.460+/-0.019 χ^2/NDF:83271.8/4

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

Left In: 53.404+/-0.021 χ^2/NDF:92600.2/3

Left: 51.234+/-0.014 χ^2/NDF: 194695.5/8

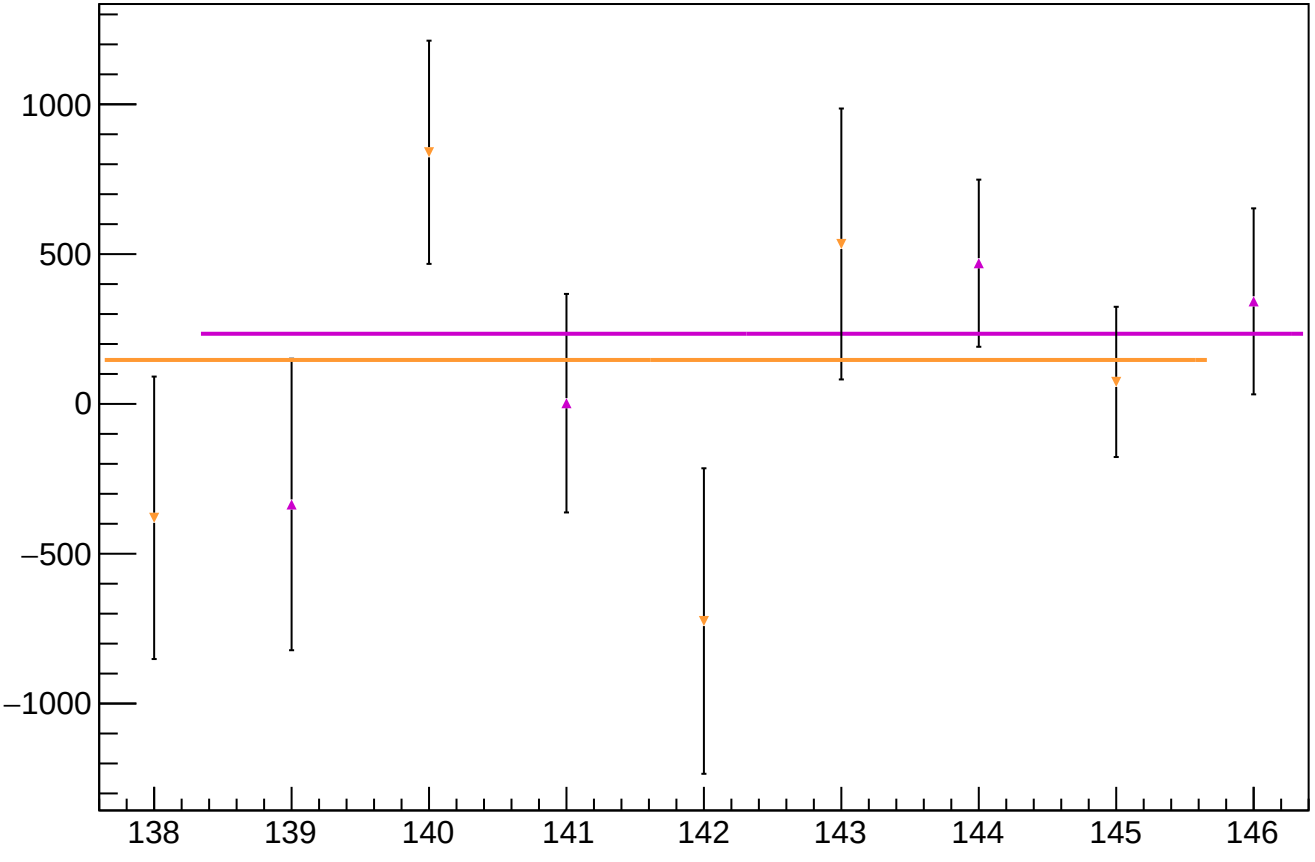
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.404+/-0.021 χ^2/NDF:92600.2/3

Out: 49.460+/-0.019 χ^2/NDF:83271.8/4

All: 51.234+/-0.014 χ^2/NDF: 194695.5/8

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: 146.745+/-165.842 χ^2/NDF:8.5/4

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

Left In: 234.167+/-169.085 χ^2/NDF:2.6/3

Left: 189.610+/-118.398 χ^2/NDF: 11.2/8

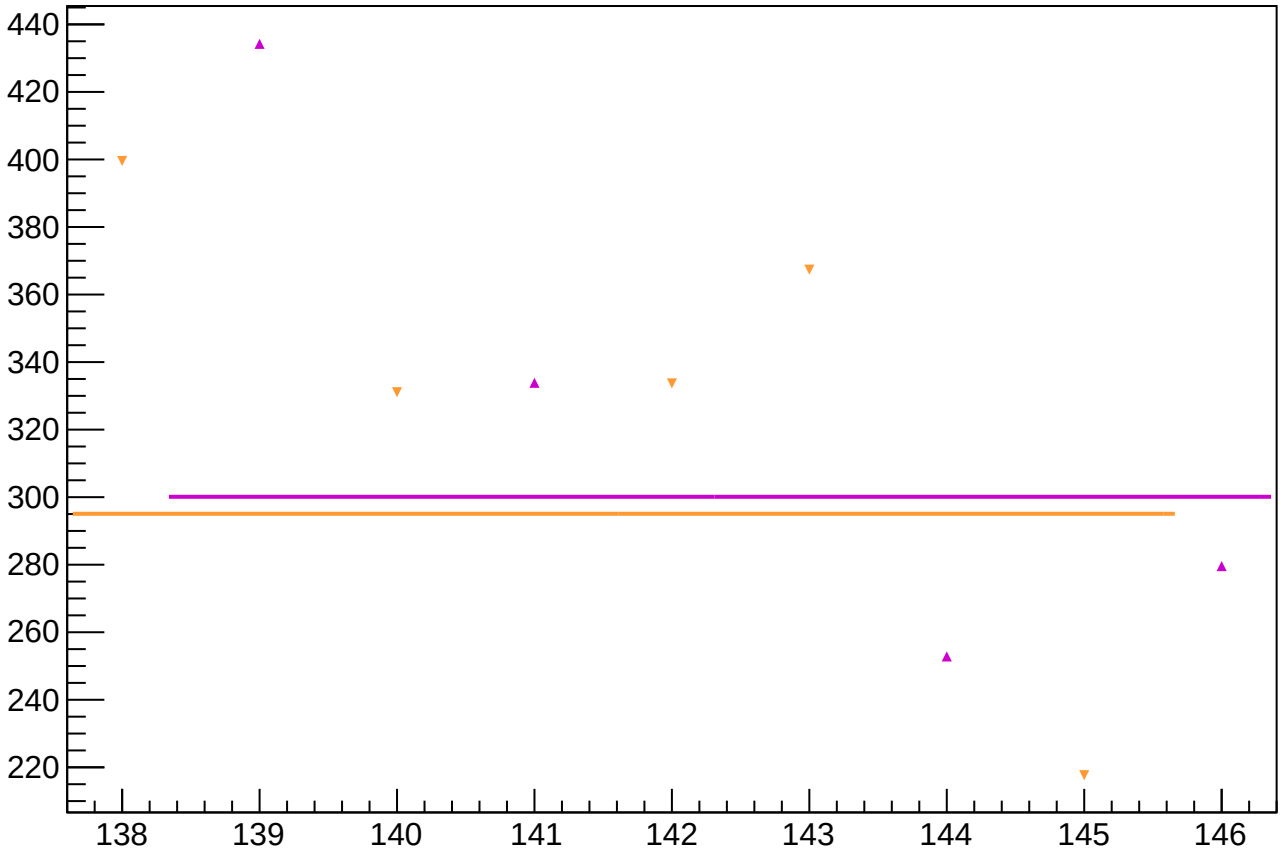
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 234.167+/-169.085 χ^2/NDF:2.6/3

Out: 146.745+/-165.842 χ^2/NDF:8.5/4

All: 189.610+/-118.398 χ^2/NDF: 11.2/8

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: 295.082+/-0.117 χ^2/NDF:370248.0/4

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

Left In: 300.111+/-0.120 χ^2/NDF:235369.8/3

Left: 297.548+/-0.084 χ^2/NDF: 606519.7/8

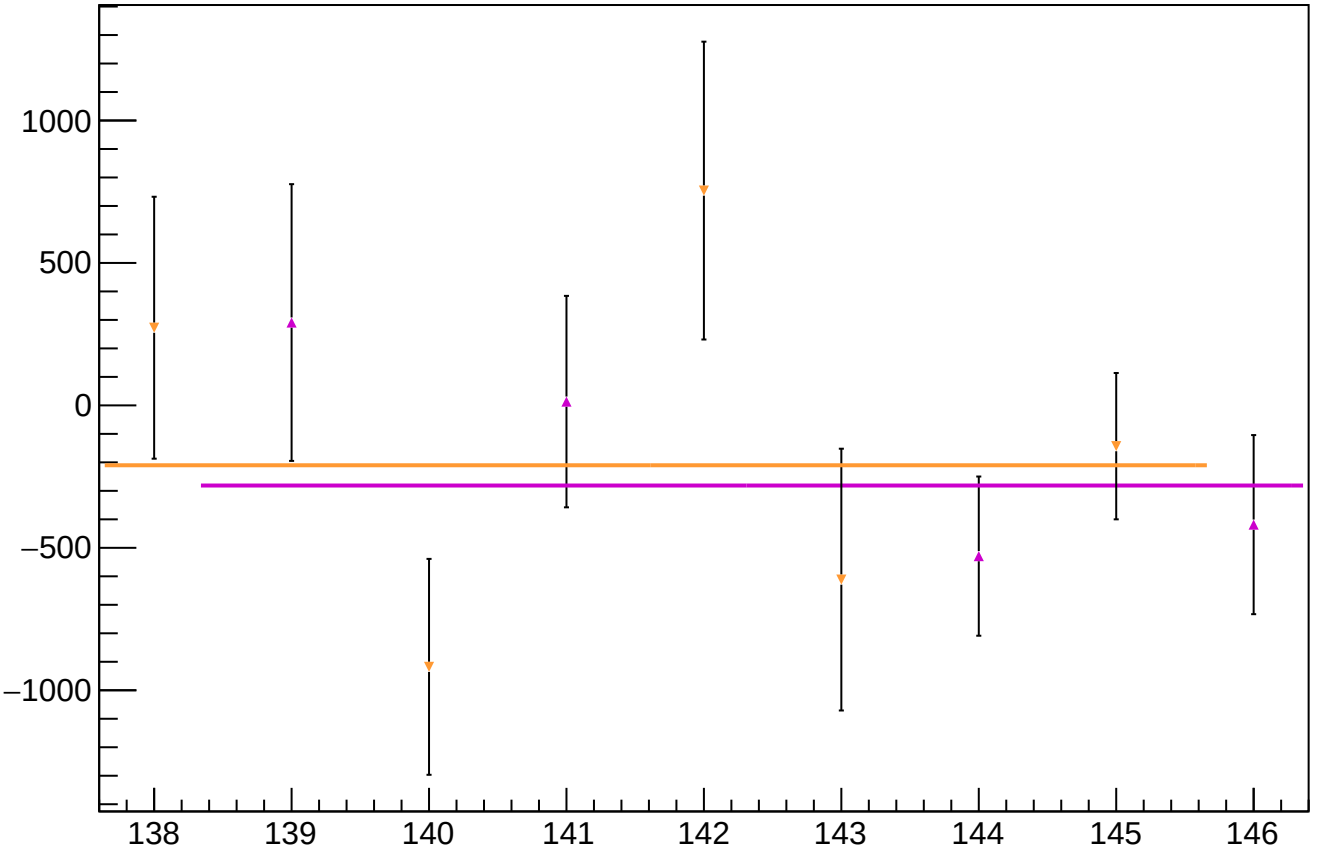
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 300.111+/-0.120 χ^2/NDF:235369.8/3

Out: 295.082+/-0.117 χ^2/NDF:370248.0/4

All: 297.548+/-0.084 χ^2/NDF: 606519.7/8

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -210.173+/-168.432 χ^2/NDF:8.8/4

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

Left In: -281.277+/-170.430 χ^2/NDF:3.0/3

Left: -245.306+/-119.800 χ^2/NDF: 11.9/8

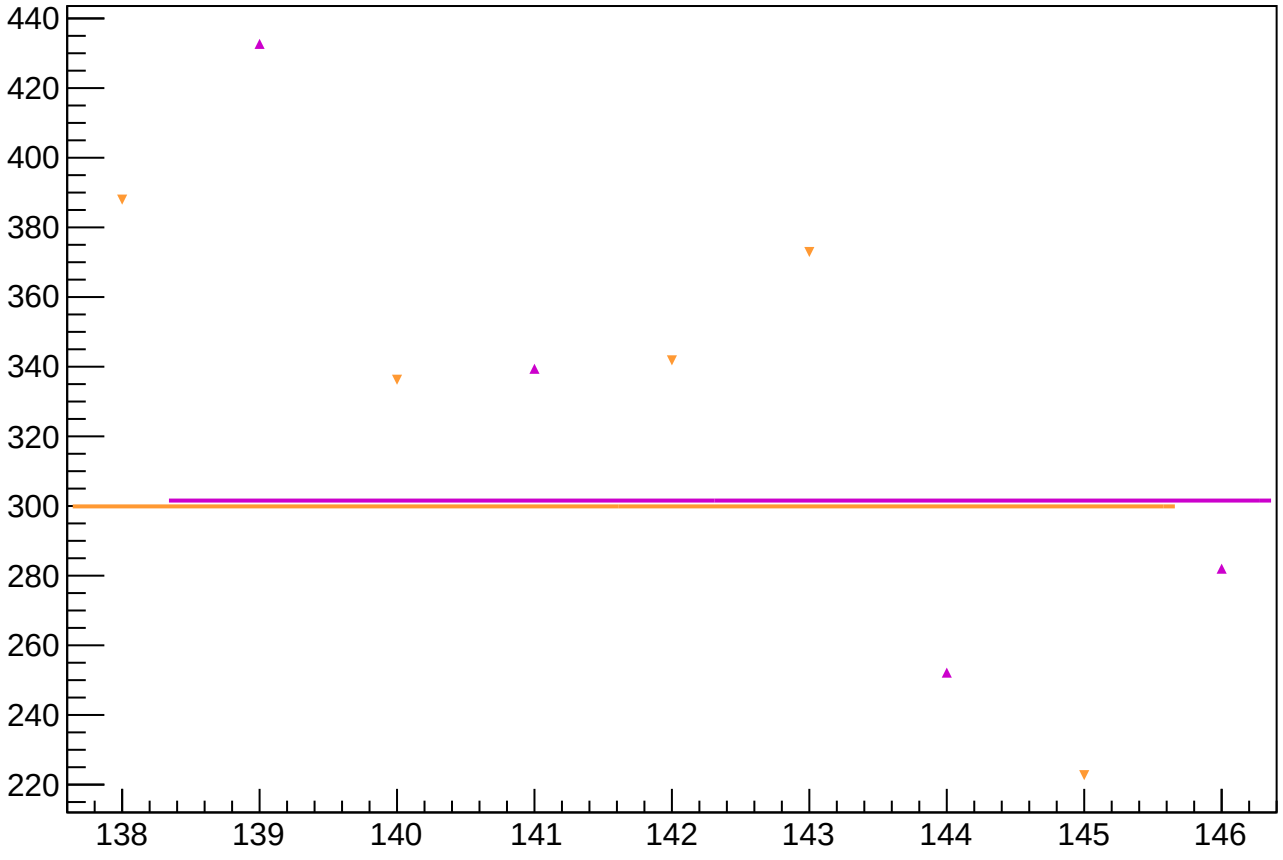
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -281.277+/-170.430 χ^2/NDF:3.0/3

Out: -210.173+/-168.432 χ^2/NDF:8.8/4

All: -245.306+/-119.800 χ^2/NDF: 11.9/8

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 299.888+/-0.119 χ^2/NDF:335796.6/4

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

Left In: 301.563+/-0.121 χ^2/NDF:236845.3/3

Left: 300.715+/-0.085 χ^2/NDF: 572739.6/8

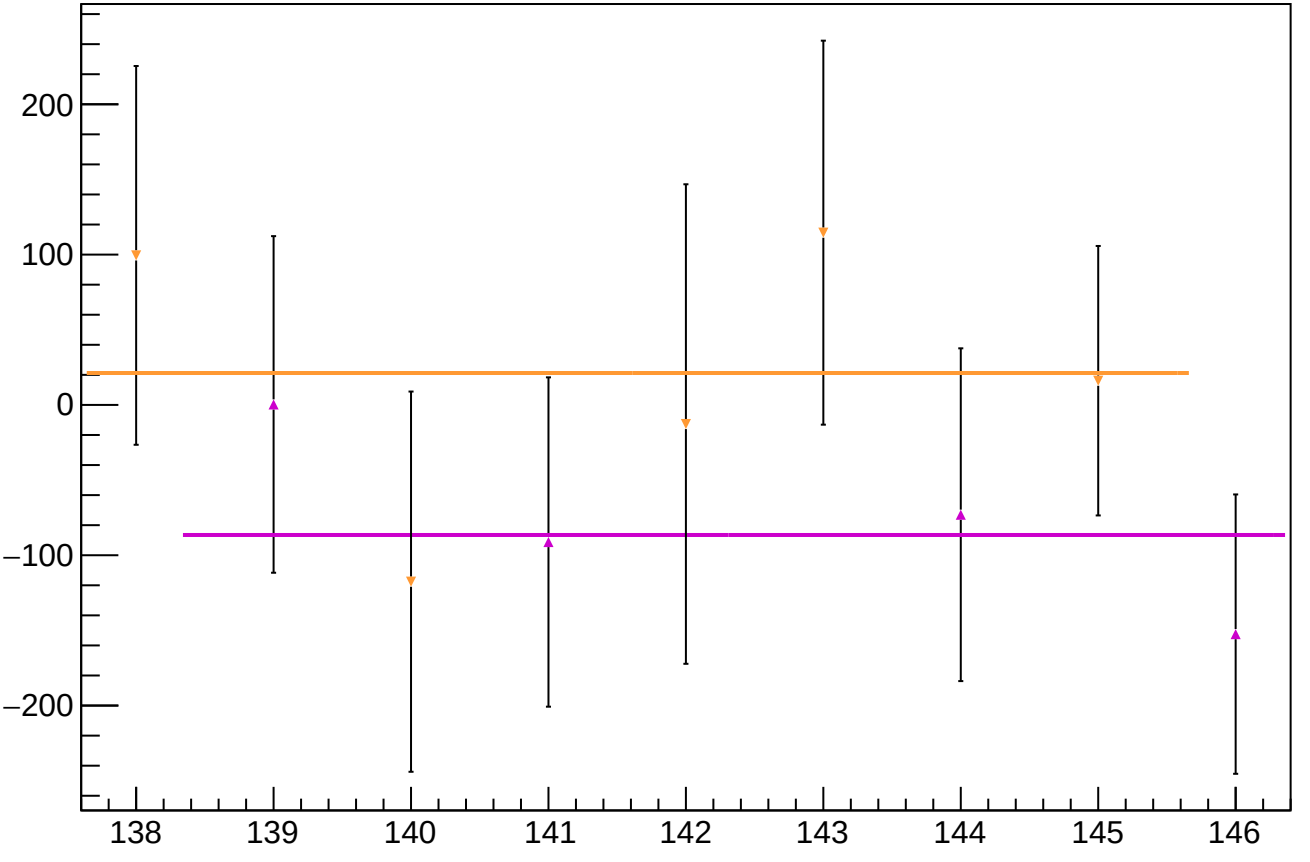
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 301.563+/-0.121 χ^2/NDF:236845.3/3

Out: 299.888+/-0.119 χ^2/NDF:335796.6/4

All: 300.715+/-0.085 χ^2/NDF: 572739.6/8

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: 21.236+/-53.408 χ^2/NDF:2.2/4

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

Left In: -86.523+/-52.665 χ^2/NDF:1.1/3

Left: -33.398+/-37.500 χ^2/NDF: 5.4/8

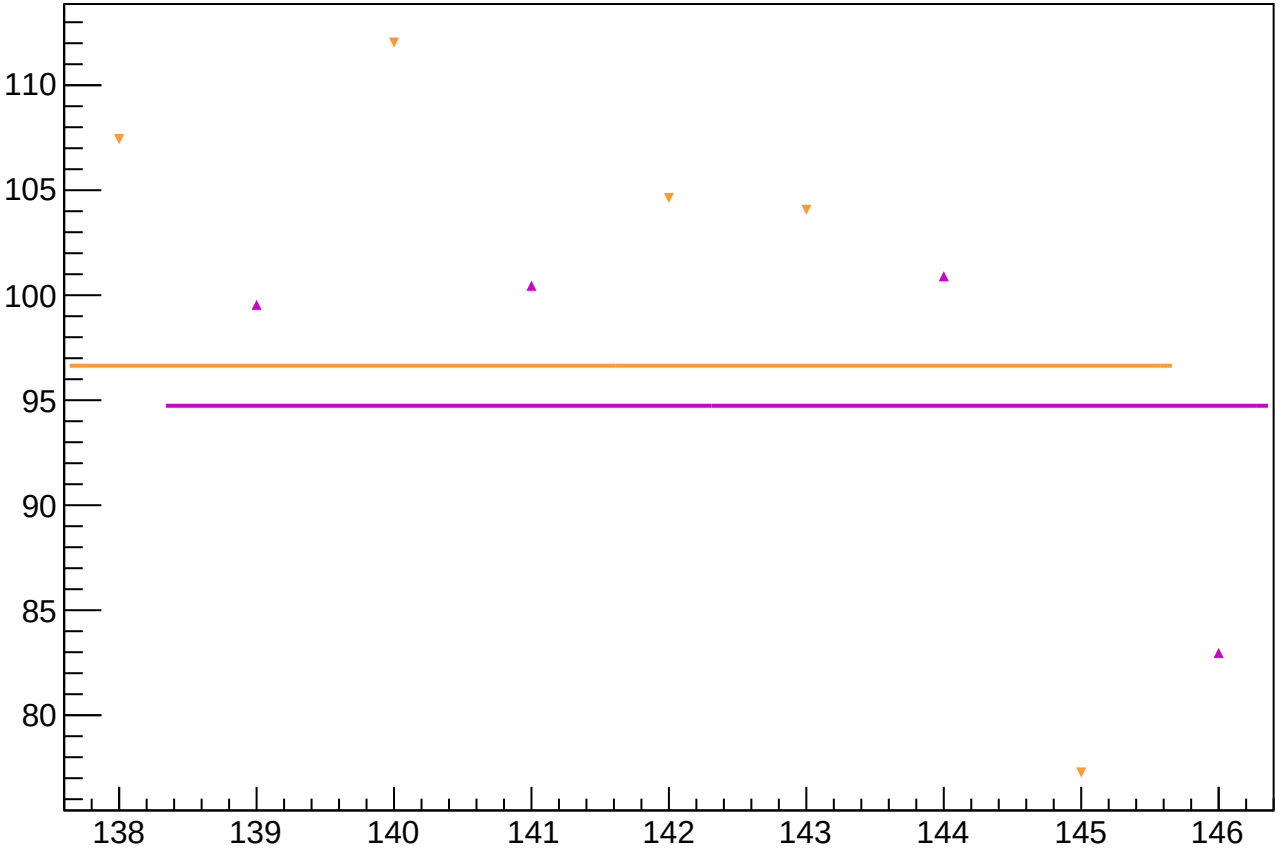
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -86.523+/-52.665 χ^2/NDF:1.1/3

Out: 21.236+/-53.408 χ^2/NDF:2.2/4

All: -33.398+/-37.500 χ^2/NDF: 5.4/8

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: 96.643+/-0.038 χ^2/NDF:149448.2/4

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

Left In: 94.737+/-0.037 χ^2/NDF:47418.8/3

Left: 95.677+/-0.027 χ^2/NDF: 198157.6/8

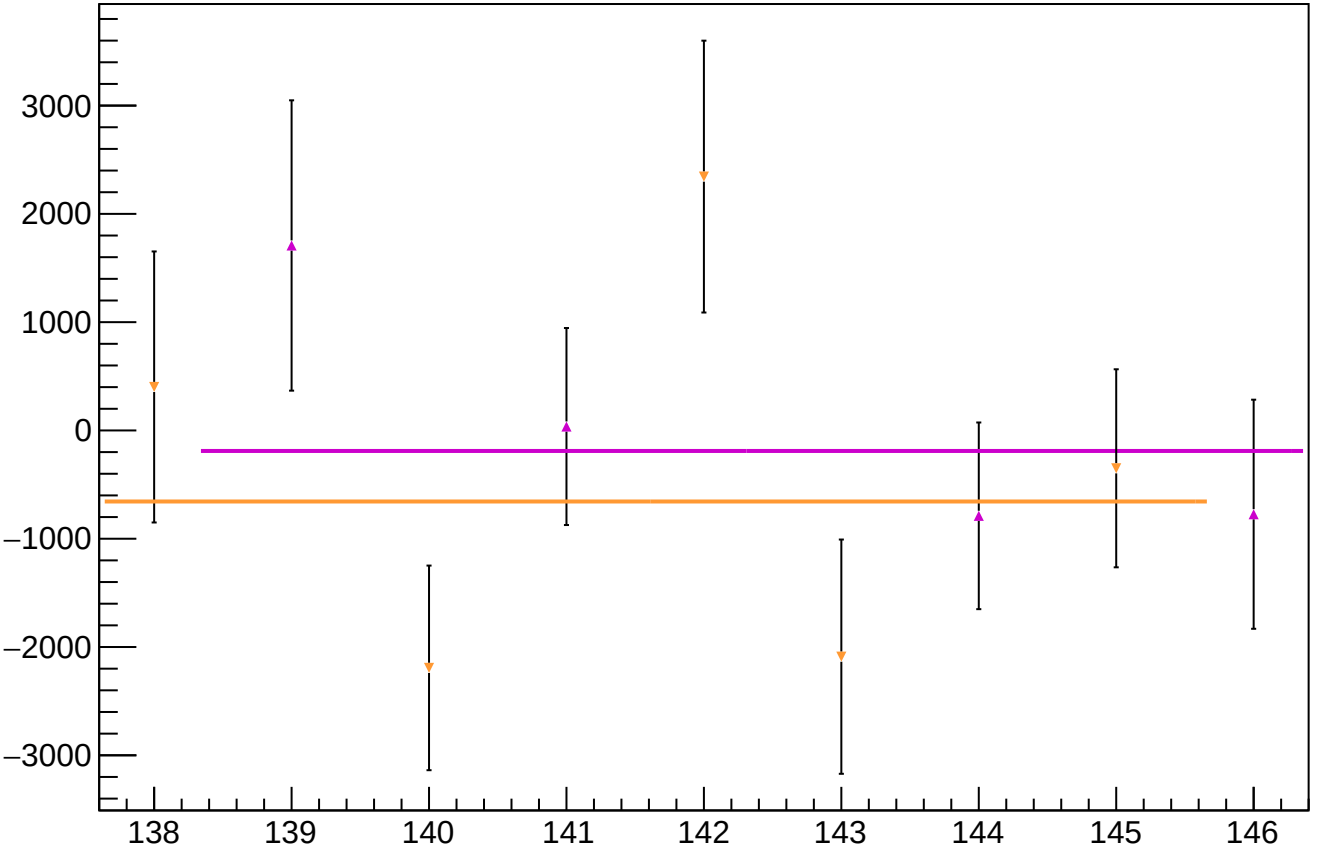
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 94.737+/-0.037 χ^2/NDF:47418.8/3

Out: 96.643+/-0.038 χ^2/NDF:149448.2/4

All: 95.677+/-0.027 χ^2/NDF: 198157.6/8

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: -656.111+/-474.376 χ^2/NDF:10.9/4

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

Left In: -189.465+/-499.714 χ^2/NDF:2.9/3

Left: -434.918+/-344.044 χ^2/NDF: 14.3/8

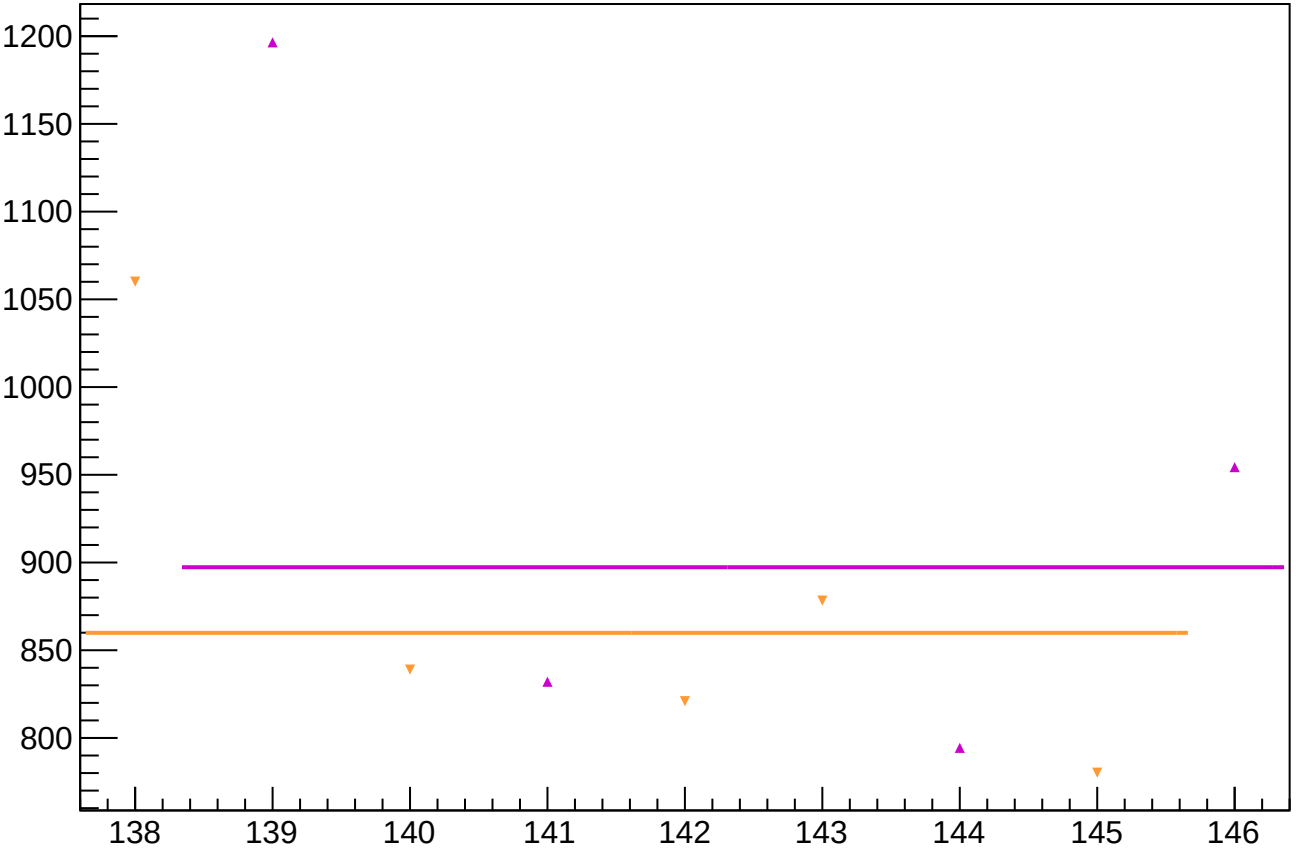
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -189.465+/-499.714 χ^2/NDF:2.9/3

Out: -656.111+/-474.376 χ^2/NDF:10.9/4

All: -434.918+/-344.044 χ^2/NDF: 14.3/8

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: 859.920+/-0.335 χ^2/NDF:69849.9/4

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

Left In: 897.314+/-0.353 χ^2/NDF:144247.0/3

Left: 877.645+/-0.243 χ^2/NDF: 219987.8/8

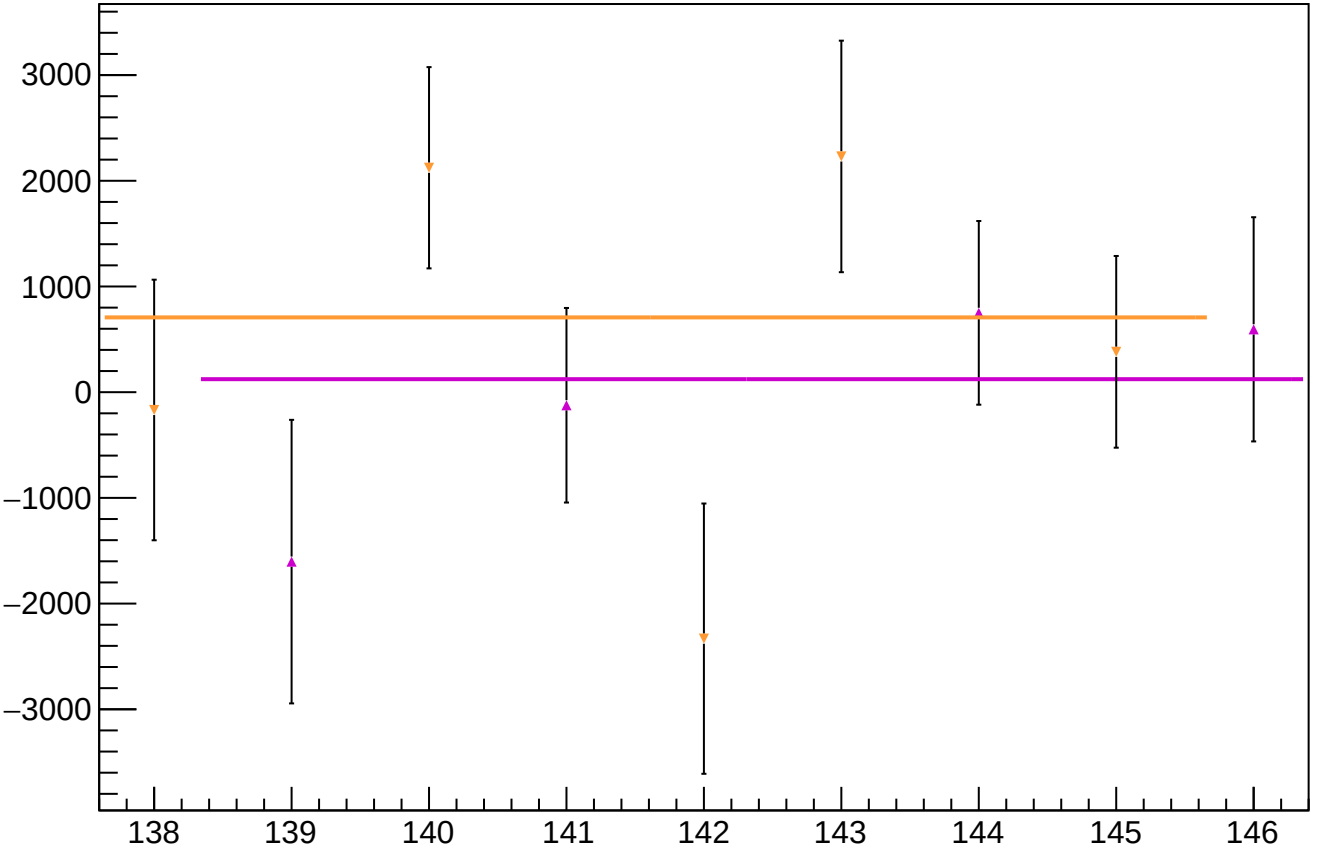
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 897.314+/-0.353 χ^2/NDF:144247.0/3

Out: 859.920+/-0.335 χ^2/NDF:69849.9/4

All: 877.645+/-0.243 χ^2/NDF: 219987.8/8

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 707.445+/-475.512 χ^2/NDF:10.4/4

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

Left In: 123.059+/-503.163 χ^2/NDF:2.4/3

Left: 431.749+/-345.600 χ^2/NDF: 13.6/8

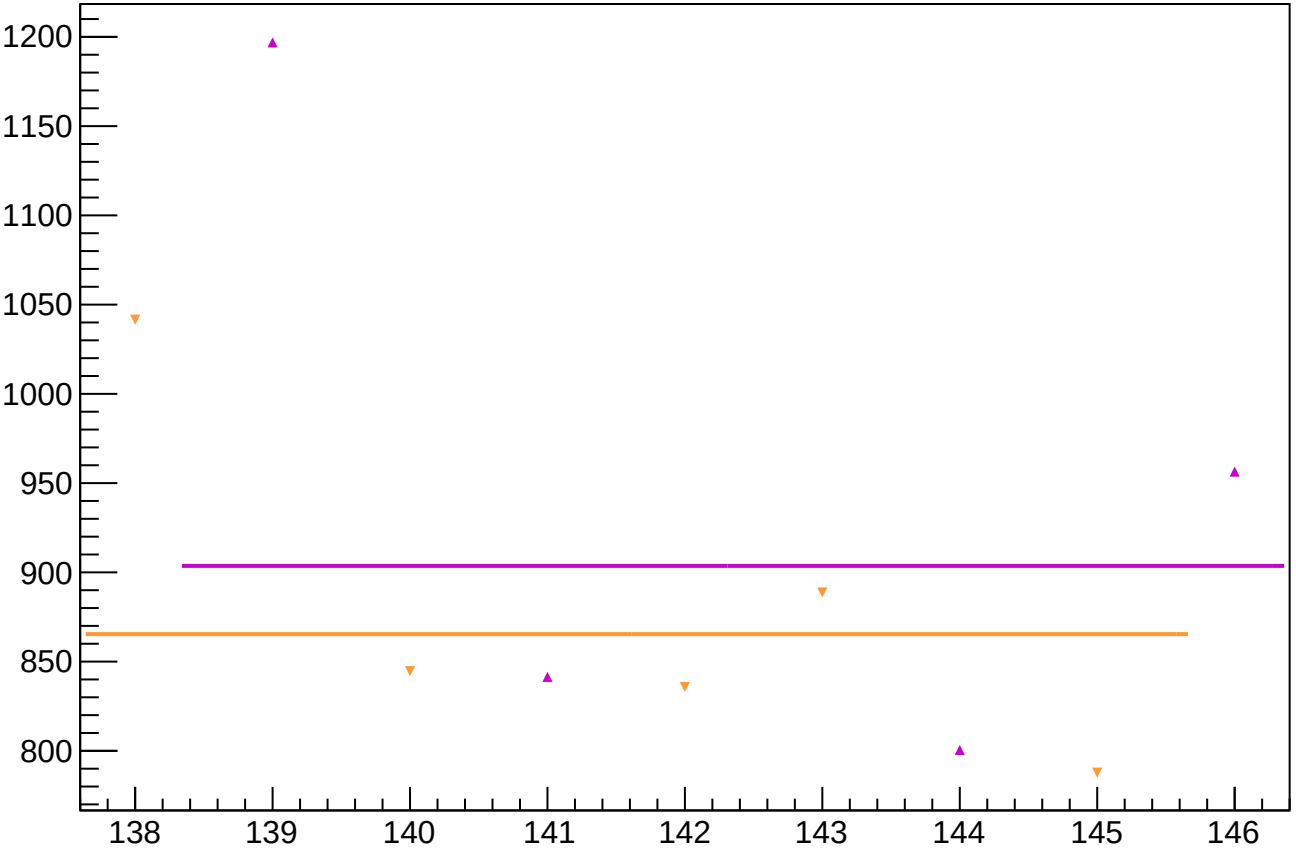
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 123.059+/-503.163 χ^2/NDF:2.4/3

Out: 707.445+/-475.512 χ^2/NDF:10.4/4

All: 431.749+/-345.600 χ^2/NDF: 13.6/8

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 865.402+/-0.336 χ^2/NDF:58435.3/4

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

Left In: 903.631+/-0.356 χ^2/NDF:137874.8/3

Left: 883.437+/-0.244 χ^2/NDF: 202408.3/8

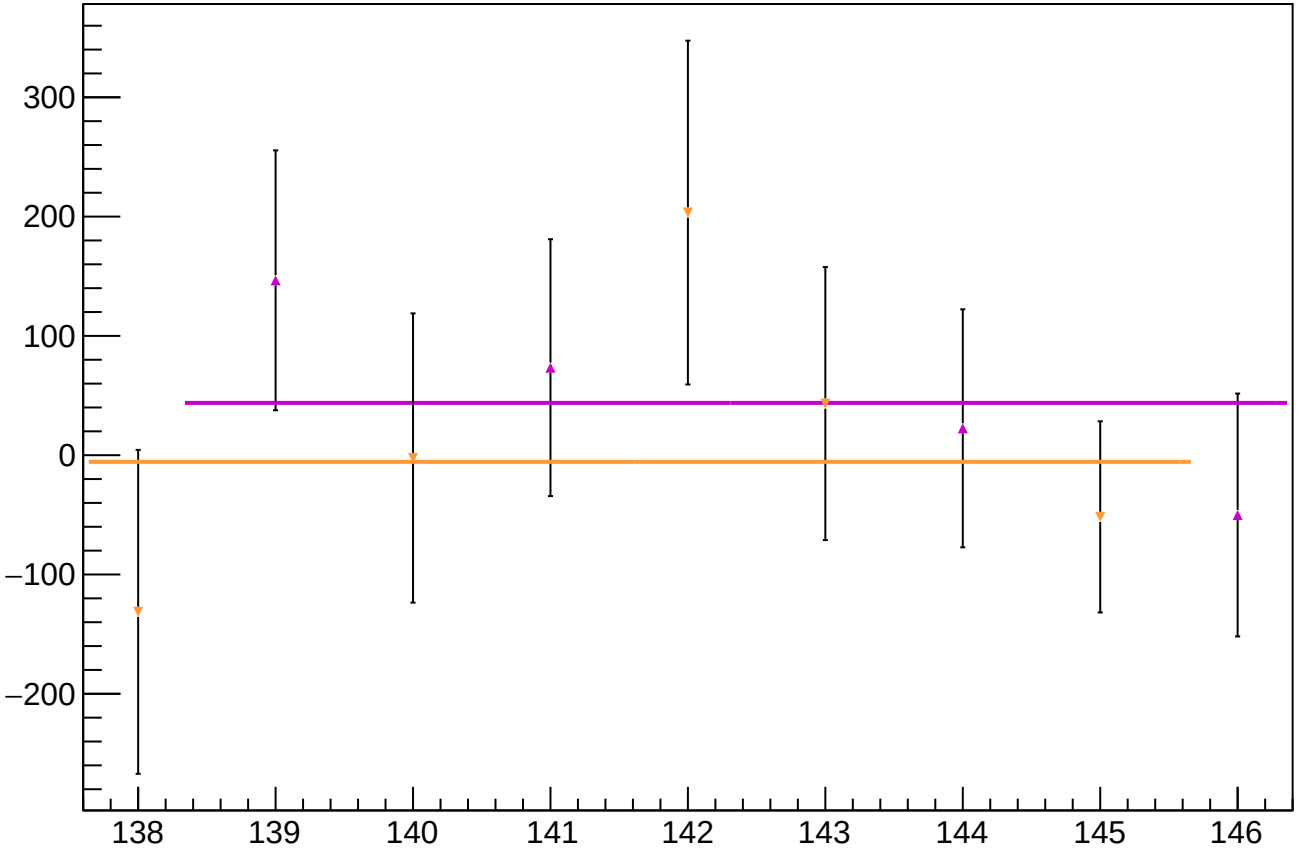
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 903.631+/-0.356 χ^2/NDF:137874.8/3

Out: 865.402+/-0.336 χ^2/NDF:58435.3/4

All: 883.437+/-0.244 χ^2/NDF: 202408.3/8

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: -5.561+/-49.839 χ^2/NDF:3.5/4

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

Left In: 43.836+/-52.161 χ^2/NDF:1.9/3

Left: 18.014+/-36.034 χ^2/NDF: 5.8/8

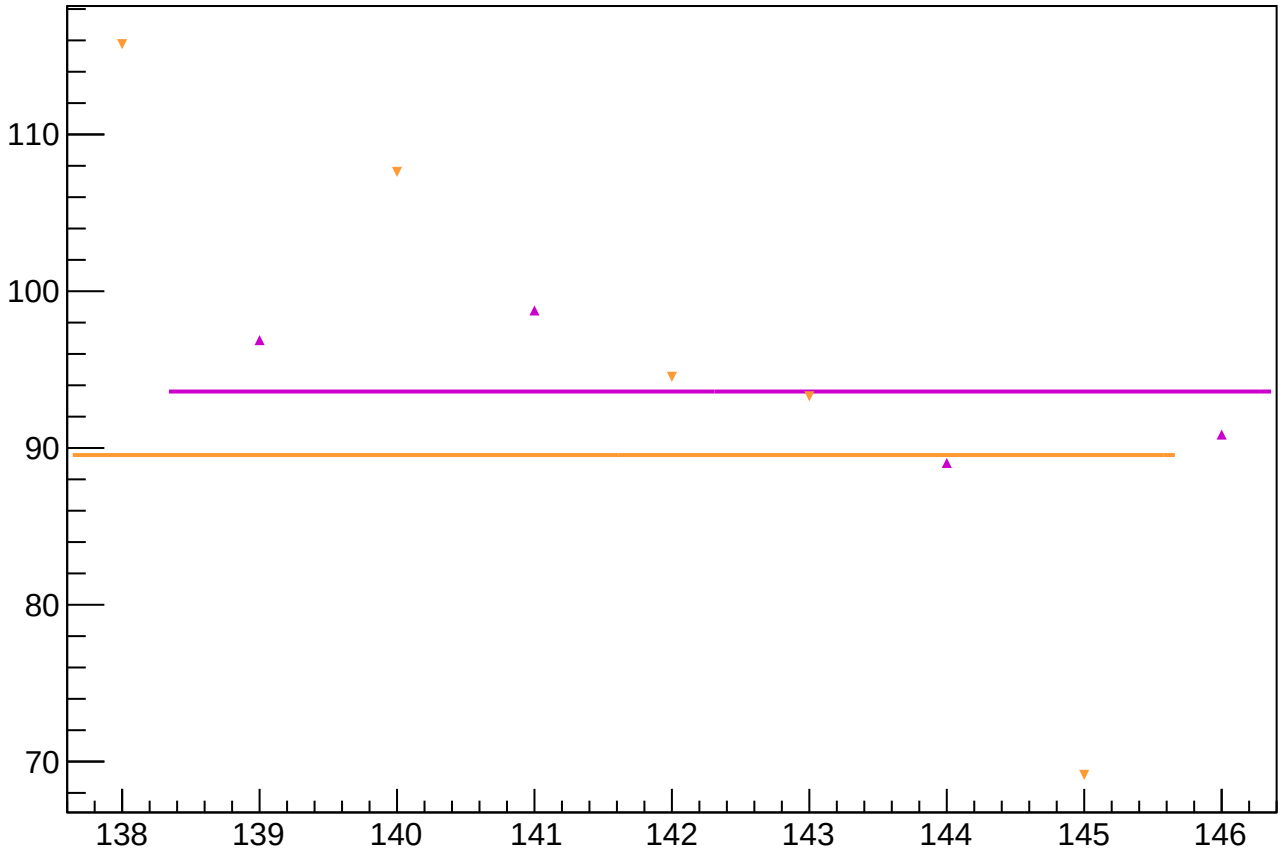
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 43.836+/-52.161 χ^2/NDF:1.9/3

Out: -5.561+/-49.839 χ^2/NDF:3.5/4

All: 18.014+/-36.034 χ^2/NDF: 5.8/8

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: 89.550+/-0.035 χ^2/NDF:253136.3/4

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

Left In: 93.602+/-0.037 χ^2/NDF:12054.9/3

Left: 91.484+/-0.025 χ^2/NDF: 271499.3/8

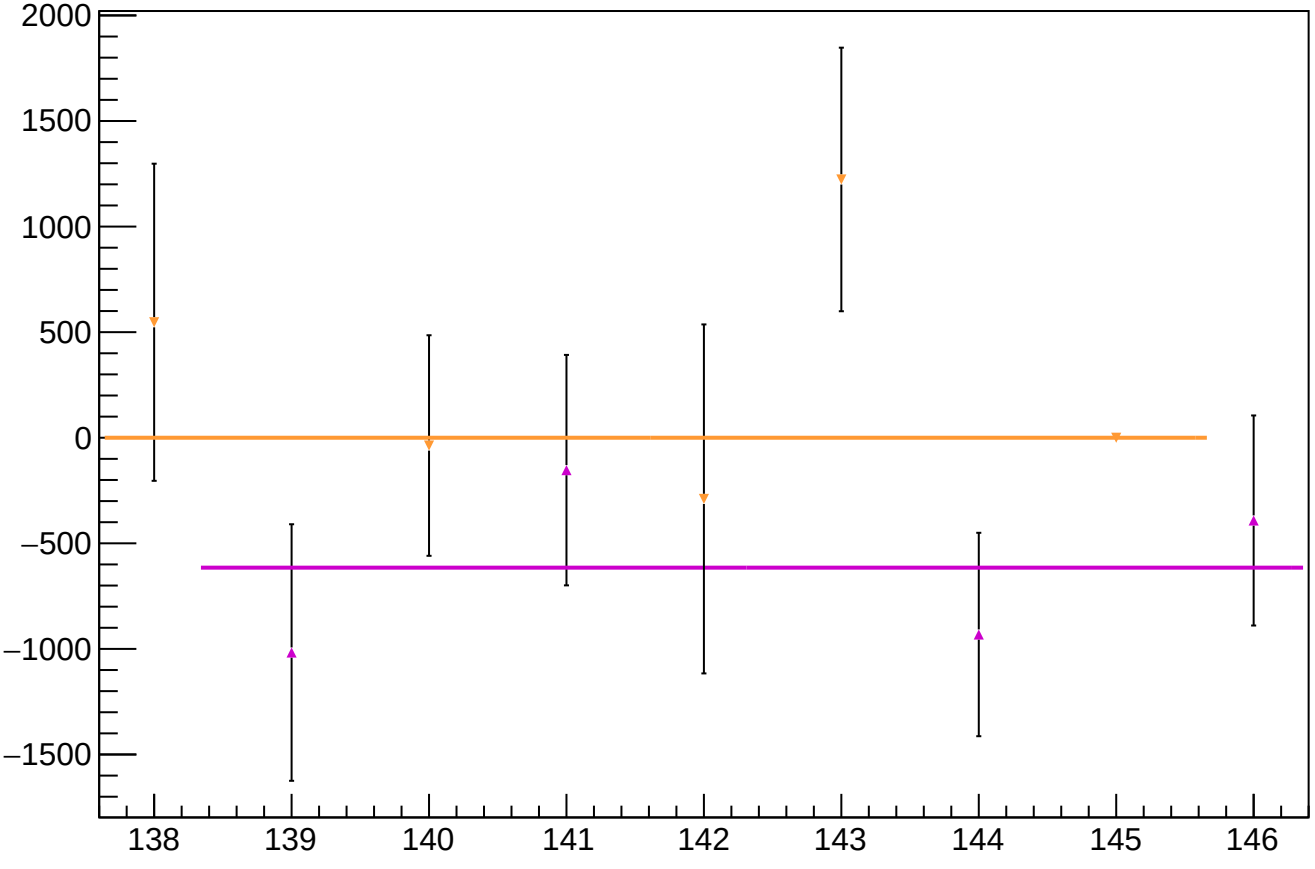
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 93.602+/-0.037 χ^2/NDF:12054.9/3

Out: 89.550+/-0.035 χ^2/NDF:253136.3/4

All: 91.484+/-0.025 χ^2/NDF: 271499.3/8

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:4.5/4

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

Left In: -615.248+/-263.337 χ^2/NDF:1.8/3

Left: -0.000+/-0.000 χ^2/NDF: 11.7/8

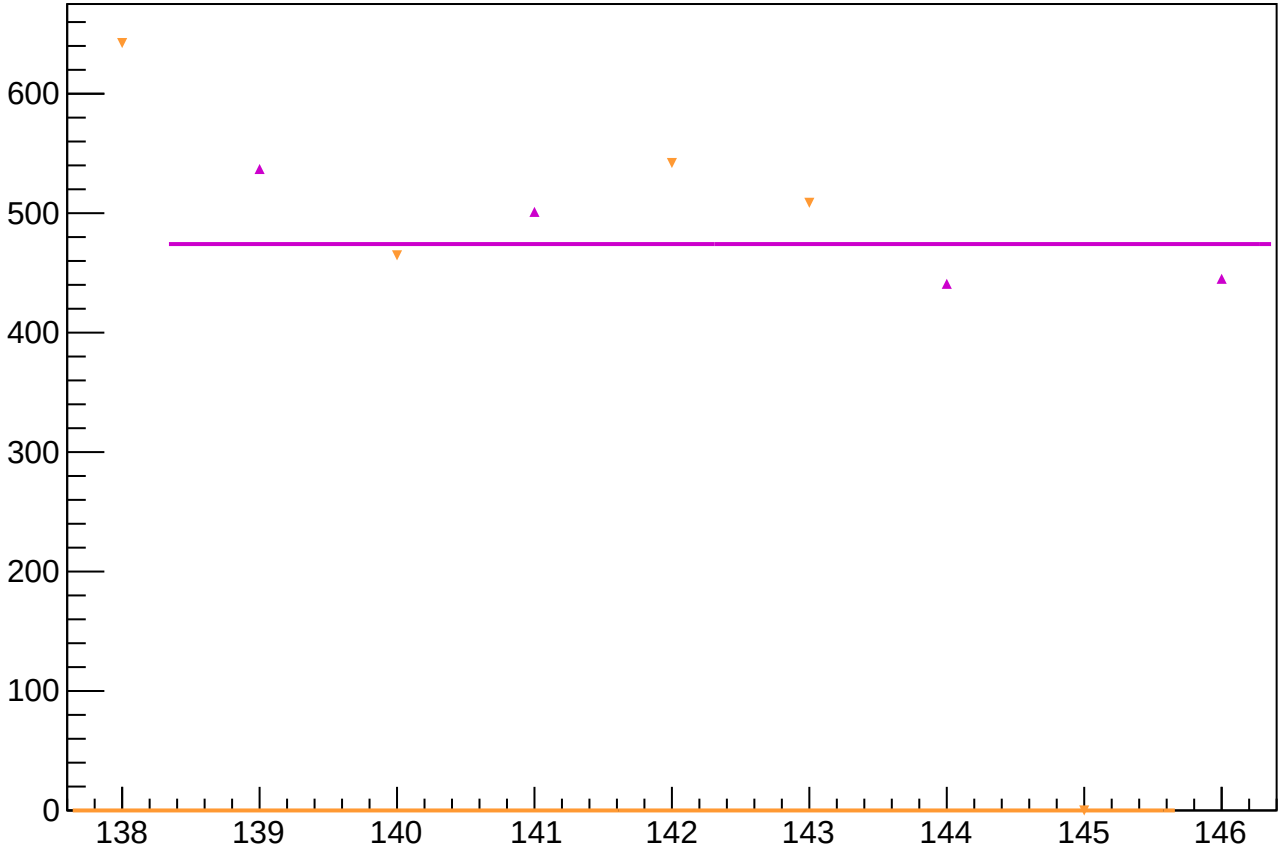
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -615.248+/-263.337 χ^2/NDF:1.8/3

Out: -0.000+/-0.000 χ^2/NDF:4.5/4

All: -0.000+/-0.000 χ^2/NDF: 11.7/8

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:5236347.6/4

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

Left In: 474.148+/-0.186 χ^2/NDF:42653.3/3

Left: 0.000+/-0.000 χ^2/NDF: 11762850.4/8

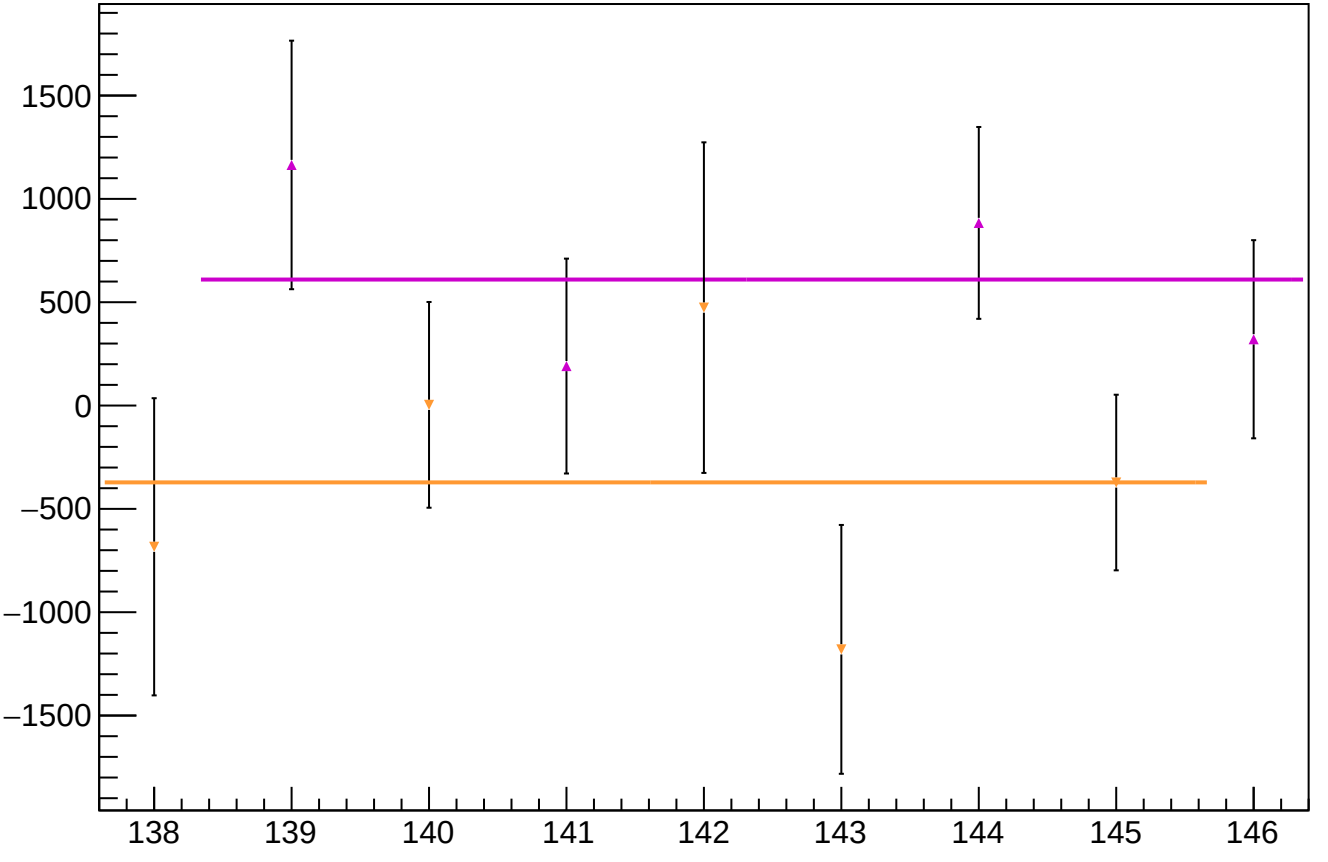
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 474.148+/-0.186 χ^2/NDF:42653.3/3

Out: 0.000+/-0.000 χ^2/NDF:5236347.6/4

All: 0.000+/-0.000 χ^2/NDF: 11762850.4/8

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -371.820+/-251.325 χ^2/NDF:3.7/4

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

Left In: 609.678+/-254.345 χ^2/NDF:2.2/3

Left: 113.068+/-178.772 χ^2/NDF: 13.4/8

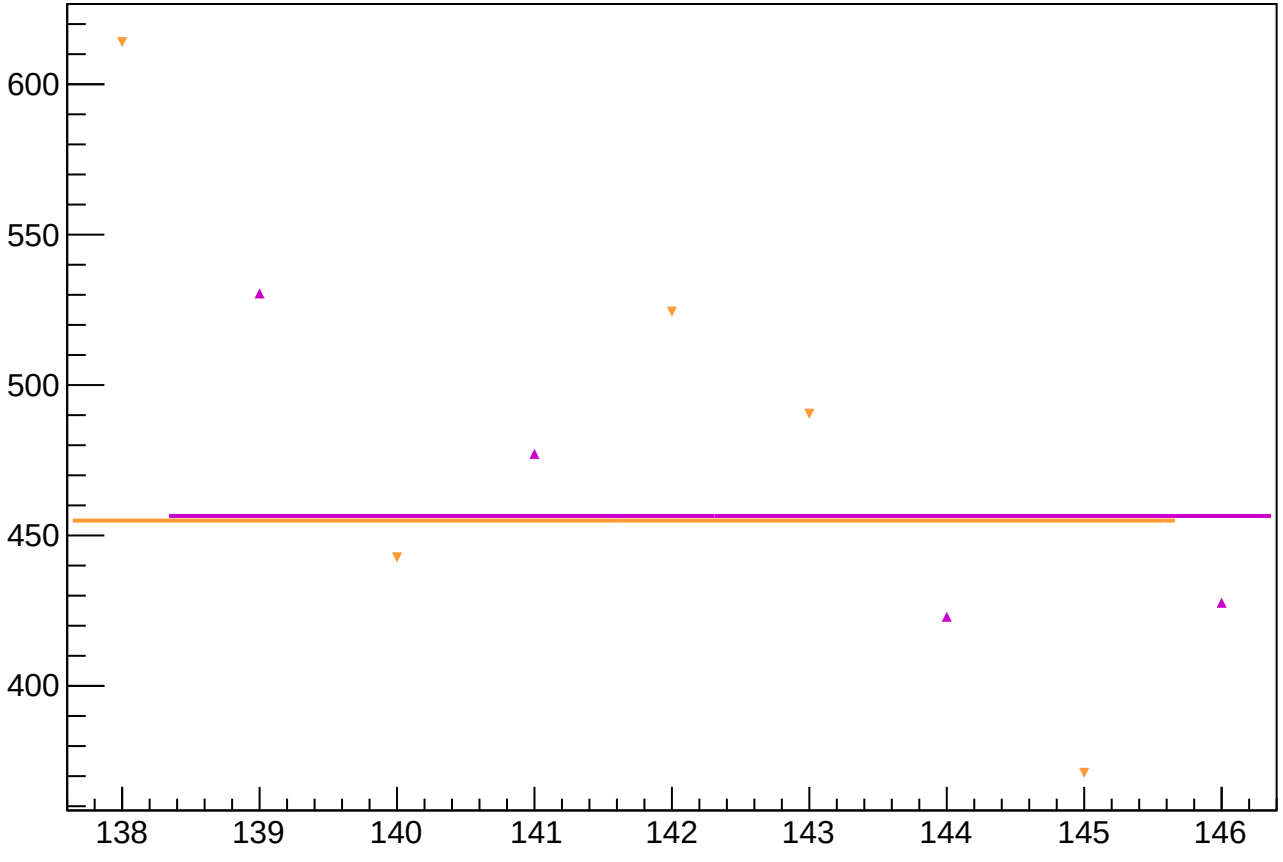
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 609.678+/-254.345 χ^2/NDF:2.2/3

Out: -371.820+/-251.325 χ^2/NDF:3.7/4

All: 113.068+/-178.772 χ^2/NDF: 13.4/8

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 454.954+/-0.178 χ^2/NDF:198985.4/4

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

Left In: 456.493+/-0.180 χ^2/NDF:51098.5/3

Left: 455.714+/-0.126 χ^2/NDF: 250121.0/8

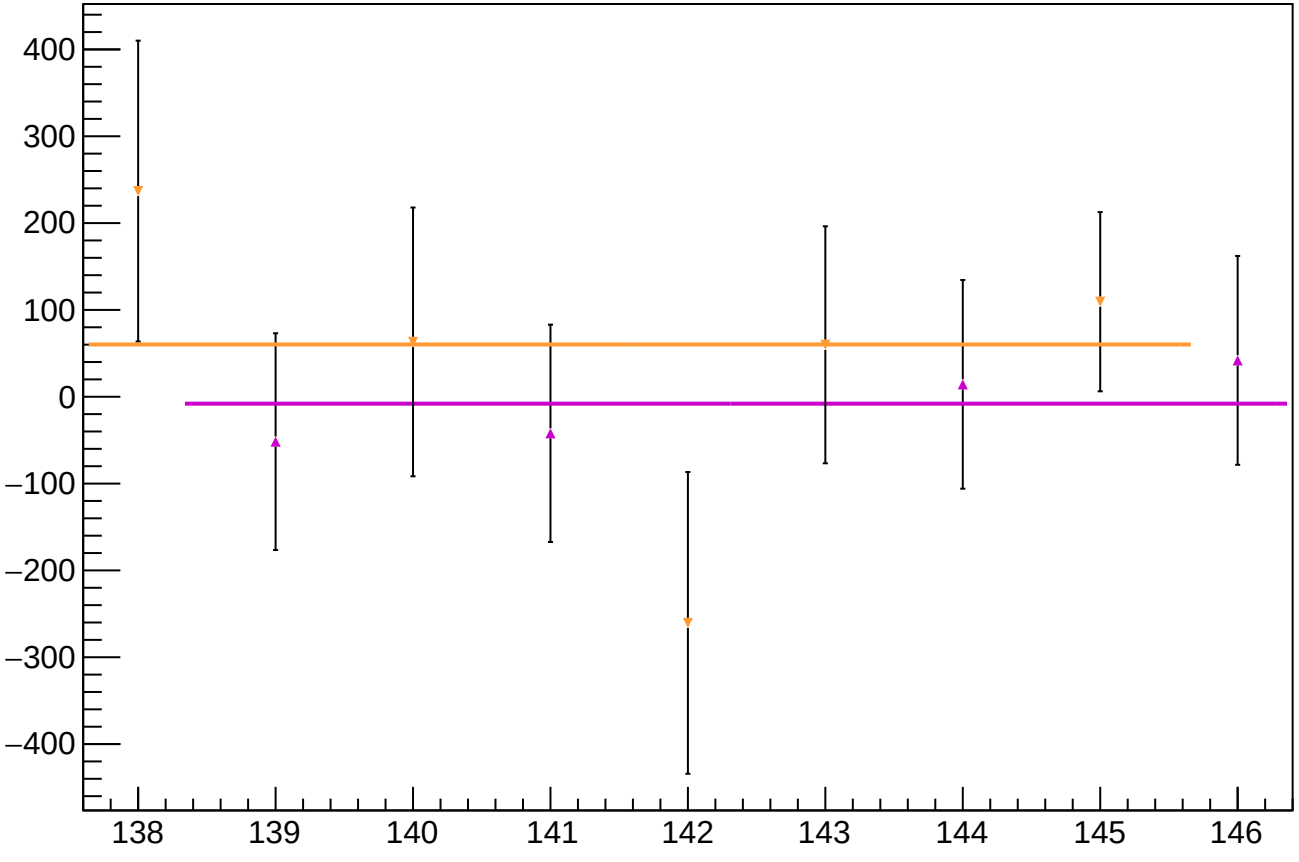
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 456.493+/-0.180 χ^2/NDF:51098.5/3

Out: 454.954+/-0.178 χ^2/NDF:198985.4/4

All: 455.714+/-0.126 χ^2/NDF: 250121.0/8

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 60.209+/-62.530 χ^2/NDF:4.7/4

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

Left In: -7.963+/-61.268 χ^2/NDF:0.4/3

Left: 25.428+/-43.762 χ^2/NDF: 5.7/8

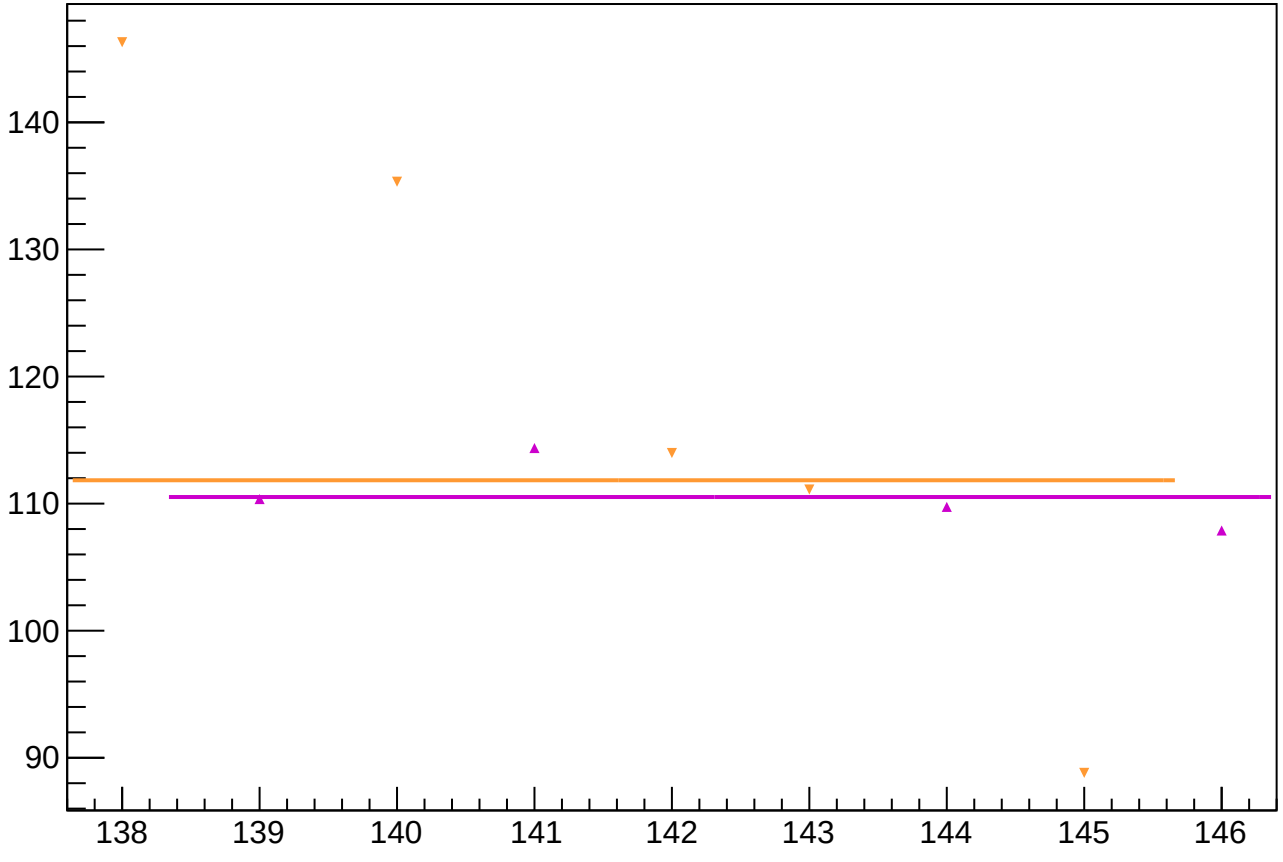
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.963+/-61.268 χ^2/NDF:0.4/3

Out: 60.209+/-62.530 χ^2/NDF:4.7/4

All: 25.428+/-43.762 χ^2/NDF: 5.7/8

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 111.837+/-0.044 χ^2/NDF:225158.9/4

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

Left In: 110.519+/-0.043 χ^2/NDF:2943.1/3

Left: 111.165+/-0.031 χ^2/NDF: 228555.6/8

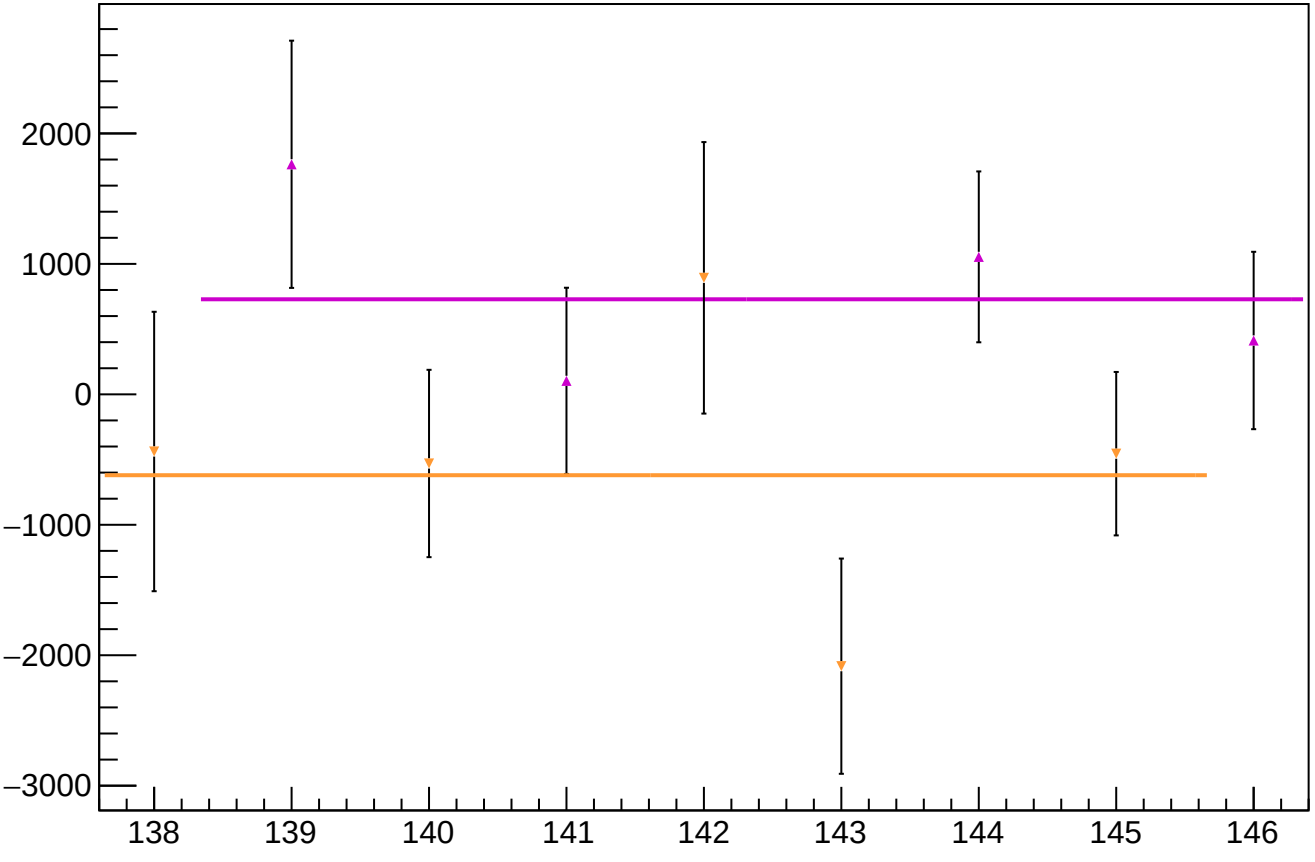
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 110.519+/-0.043 χ^2/NDF:2943.1/3

Out: 111.837+/-0.044 χ^2/NDF:225158.9/4

All: 111.165+/-0.031 χ^2/NDF: 228555.6/8

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -619.959+/-359.162 χ^2/NDF:5.4/4

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

Left In: 728.671+/-363.423 χ^2/NDF:2.4/3

Left: 46.404+/-255.459 χ^2/NDF: 14.8/8

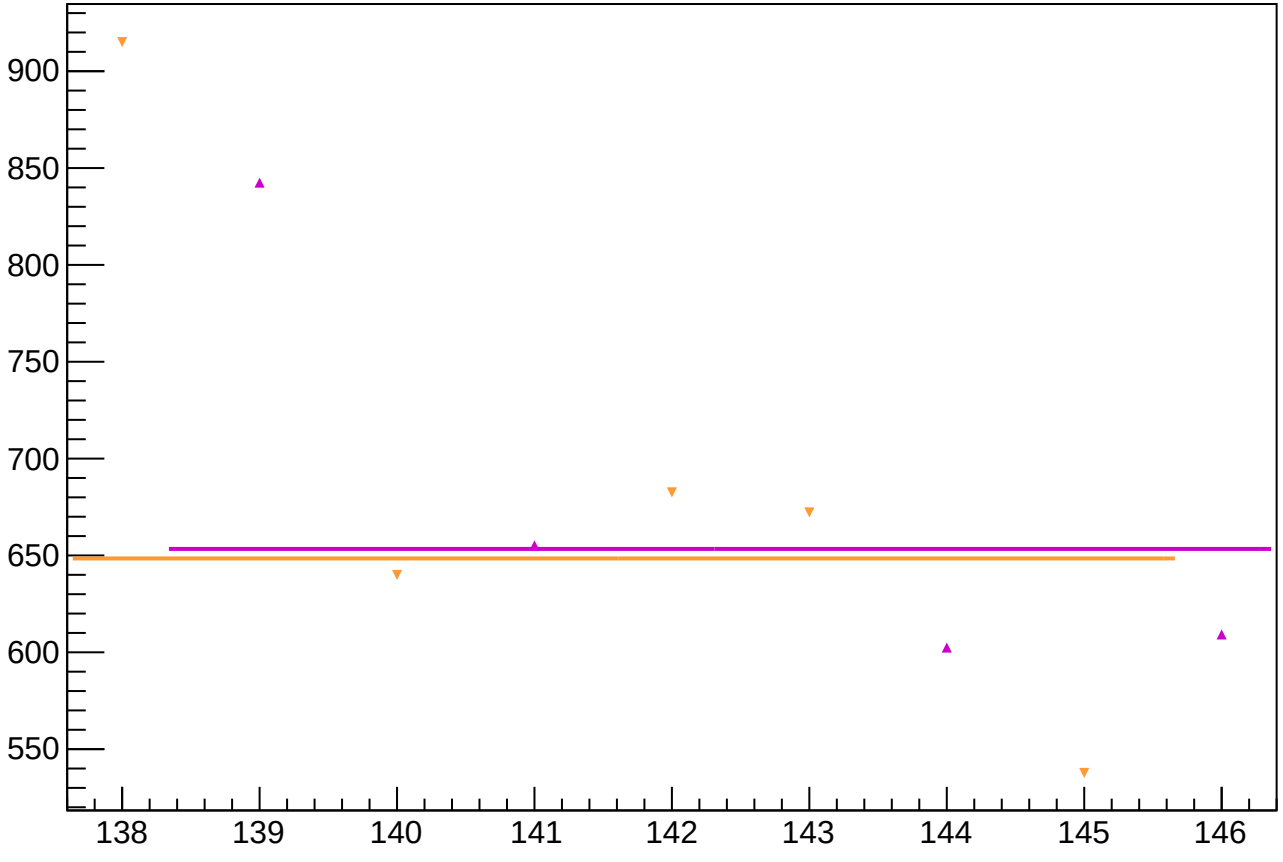
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 728.671+/-363.423 χ^2/NDF:2.4/3

Out: -619.959+/-359.162 χ^2/NDF:5.4/4

All: 46.404+/-255.459 χ^2/NDF: 14.8/8

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 648.461+/-0.254 χ^2/NDF:190458.0/4

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

Left In: 653.379+/-0.257 χ^2/NDF:100188.0/3

Left: 650.891+/-0.181 χ^2/NDF: 290831.3/8

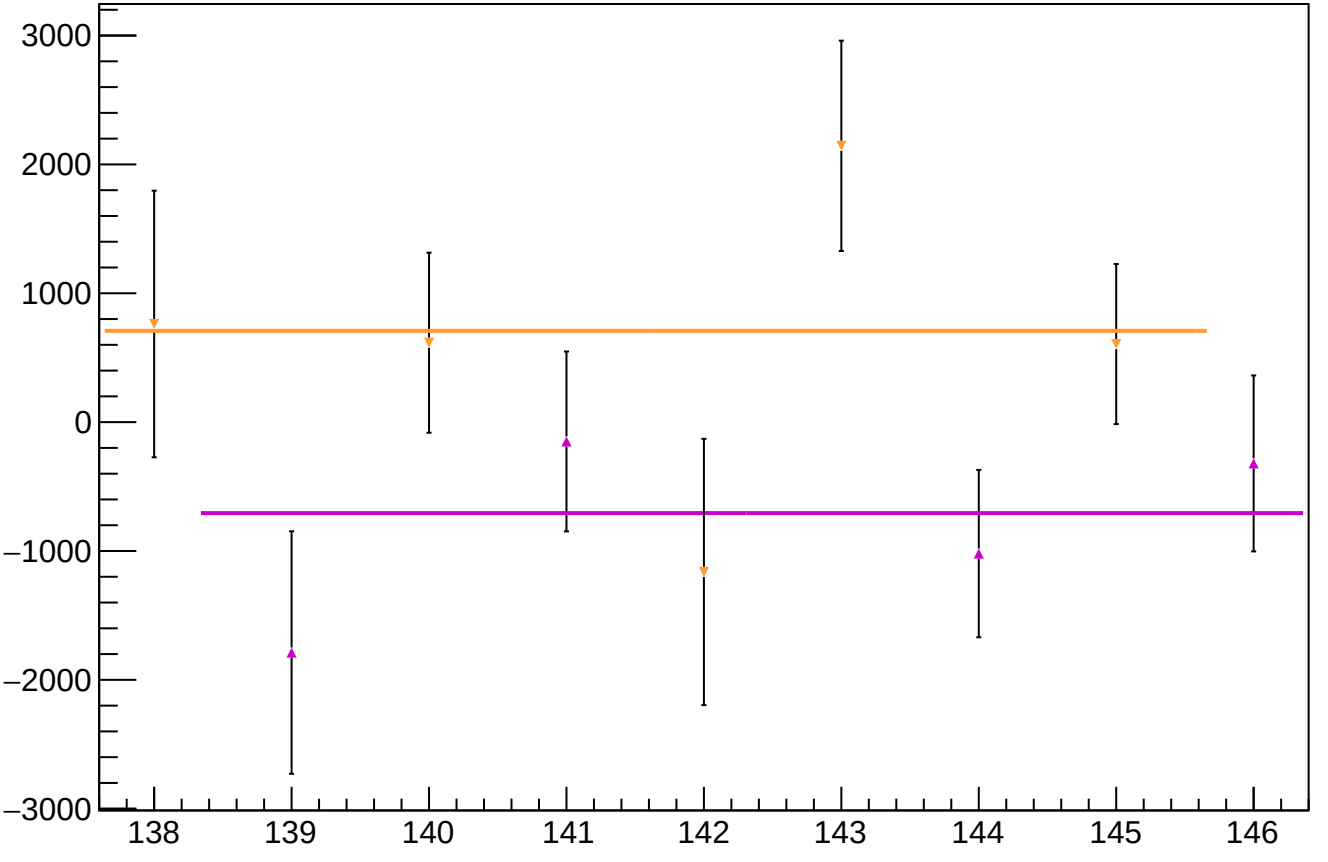
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 653.379+/-0.257 χ^2/NDF:100188.0/3

Out: 648.461+/-0.254 χ^2/NDF:190458.0/4

All: 650.891+/-0.181 χ^2/NDF: 290831.3/8

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 708.373+/-353.263 χ^2/NDF:6.4/4

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

Left In: -705.881+/-360.399 χ^2/NDF:2.5/3

Left: 15.385+/-252.280 χ^2/NDF: 16.8/8

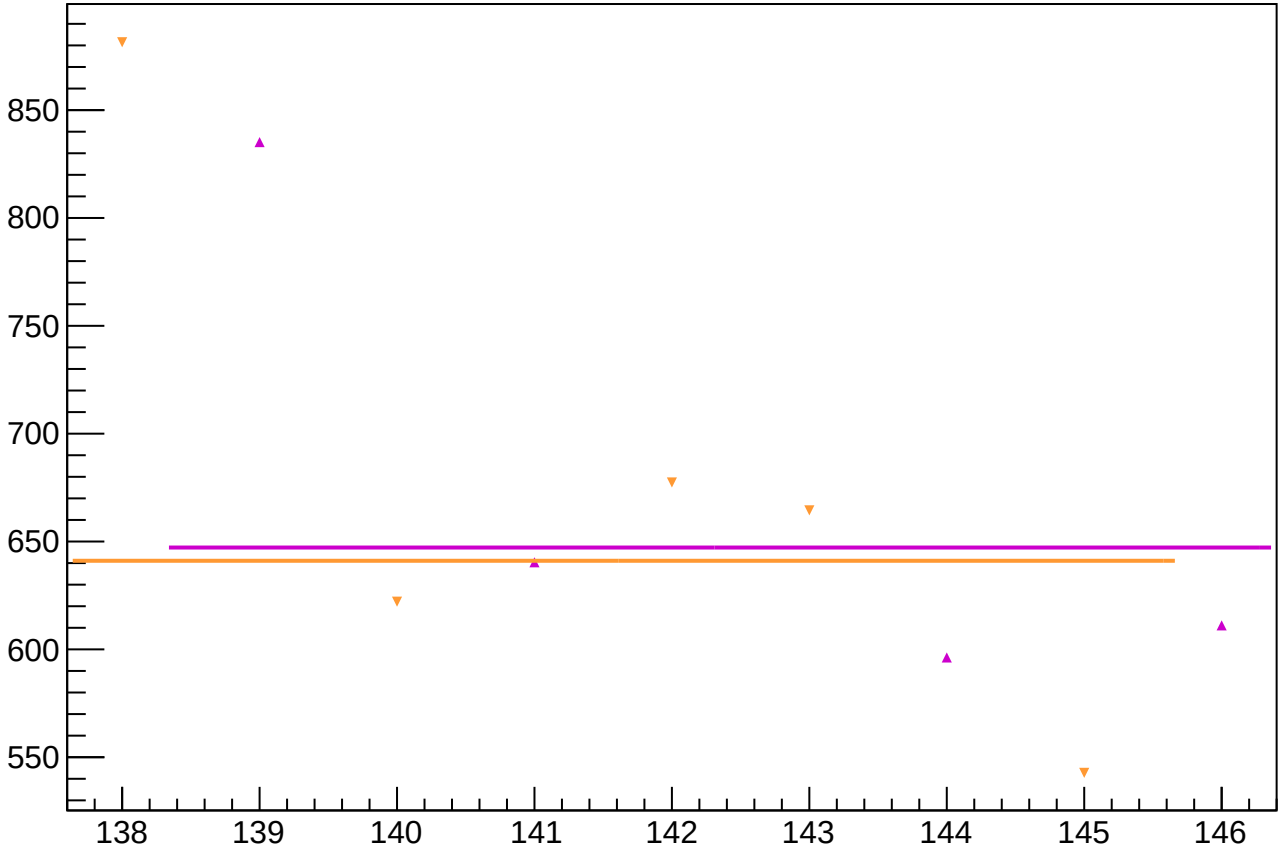
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -705.881+/-360.399 χ^2/NDF:2.5/3

Out: 708.373+/-353.263 χ^2/NDF:6.4/4

All: 15.385+/-252.280 χ^2/NDF: 16.8/8

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 641.075+/-0.250 χ^2/NDF:163686.0/4

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

Left In: 647.213+/-0.255 χ^2/NDF:97918.2/3

Left: 644.083+/-0.178 χ^2/NDF: 261900.1/8

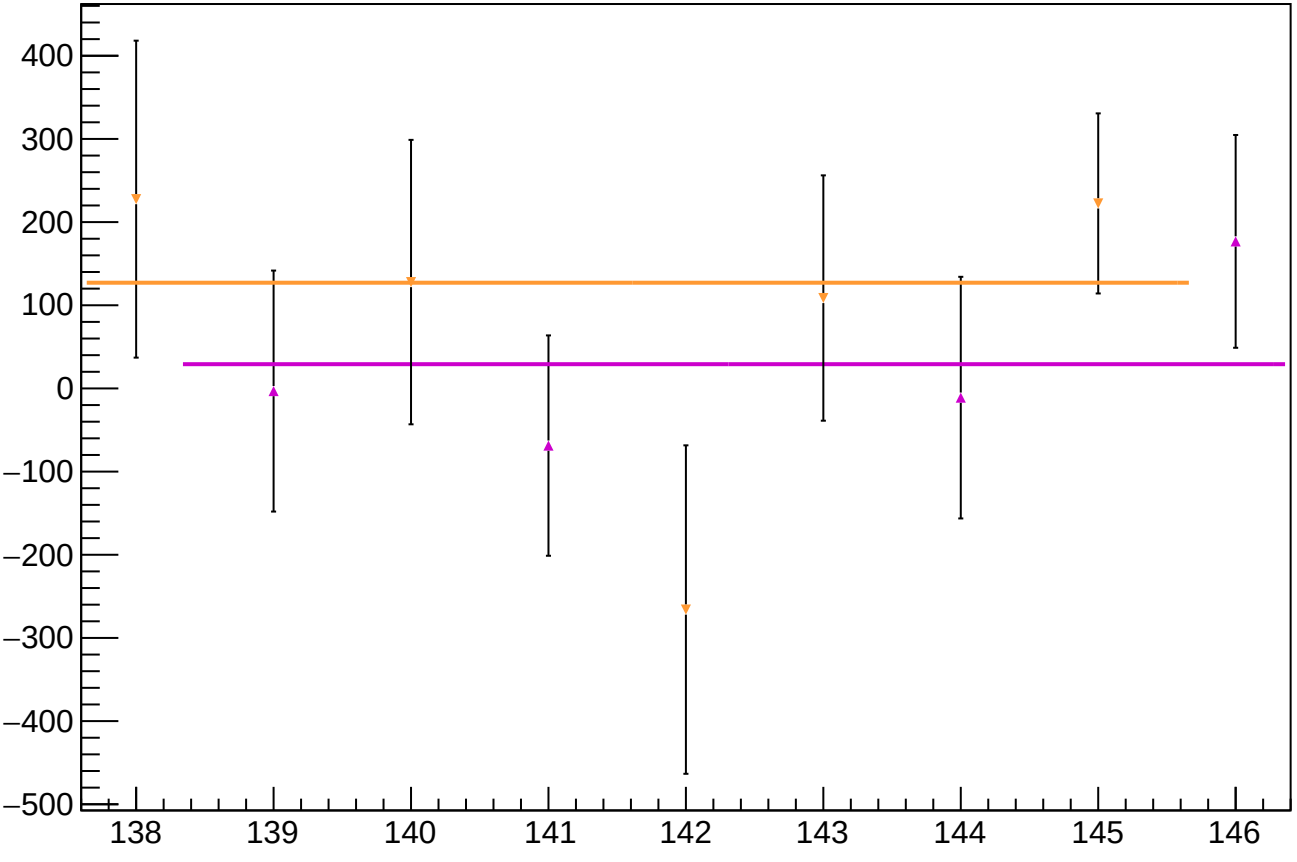
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 647.213+/-0.255 χ^2/NDF:97918.2/3

Out: 641.075+/-0.250 χ^2/NDF:163686.0/4

All: 644.083+/-0.178 χ^2/NDF: 261900.1/8

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 127.119+/-67.627 χ^2/NDF:5.0/4

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

Left In: 29.155+/-68.503 χ^2/NDF:2.0/3

Left: 78.767+/-48.126 χ^2/NDF: 8.1/8

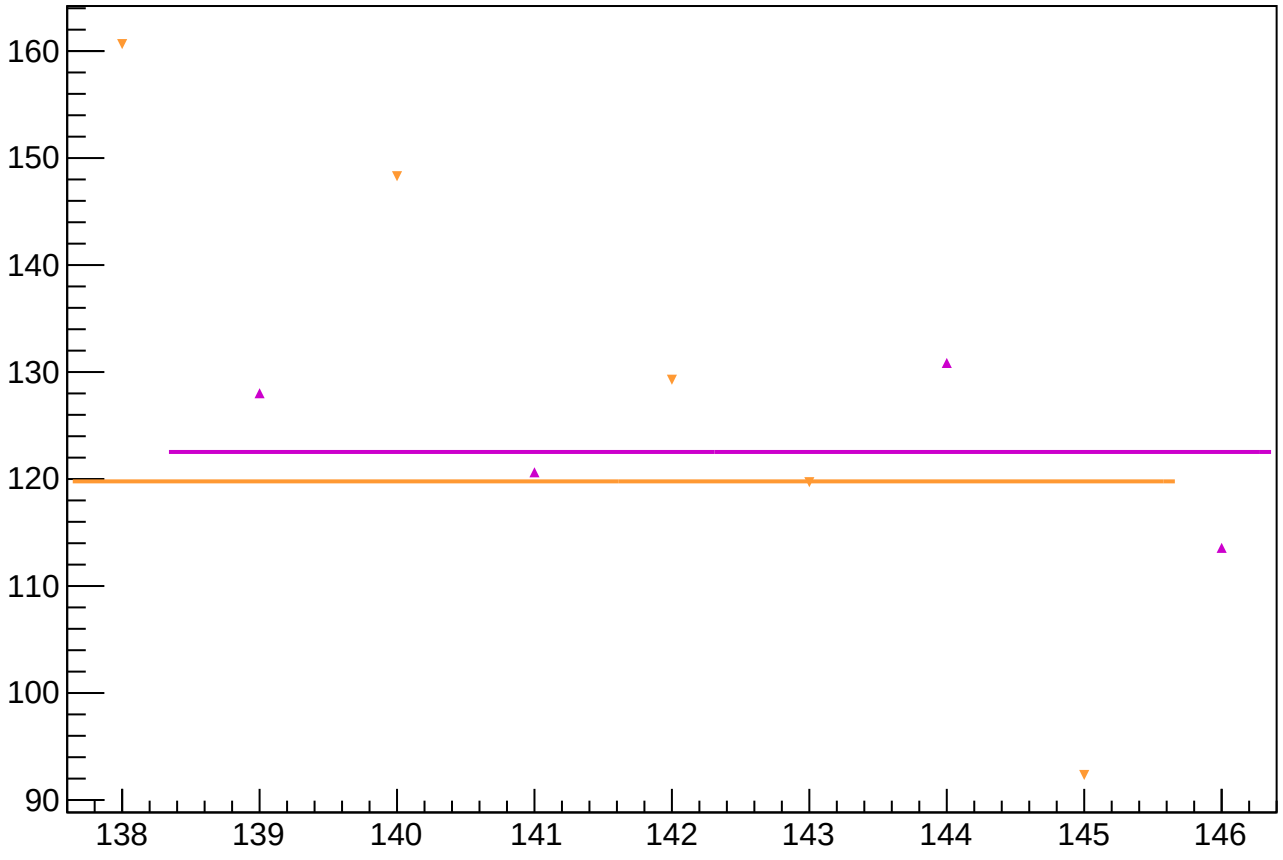
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 29.155+/-68.503 χ^2/NDF:2.0/3

Out: 127.119+/-67.627 χ^2/NDF:5.0/4

All: 78.767+/-48.126 χ^2/NDF: 8.1/8

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 119.781+/-0.048 χ^2/NDF:280742.3/4

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

Left In: 122.530+/-0.048 χ^2/NDF:19660.3/3

Left: 121.138+/-0.034 χ^2/NDF: 302033.9/8

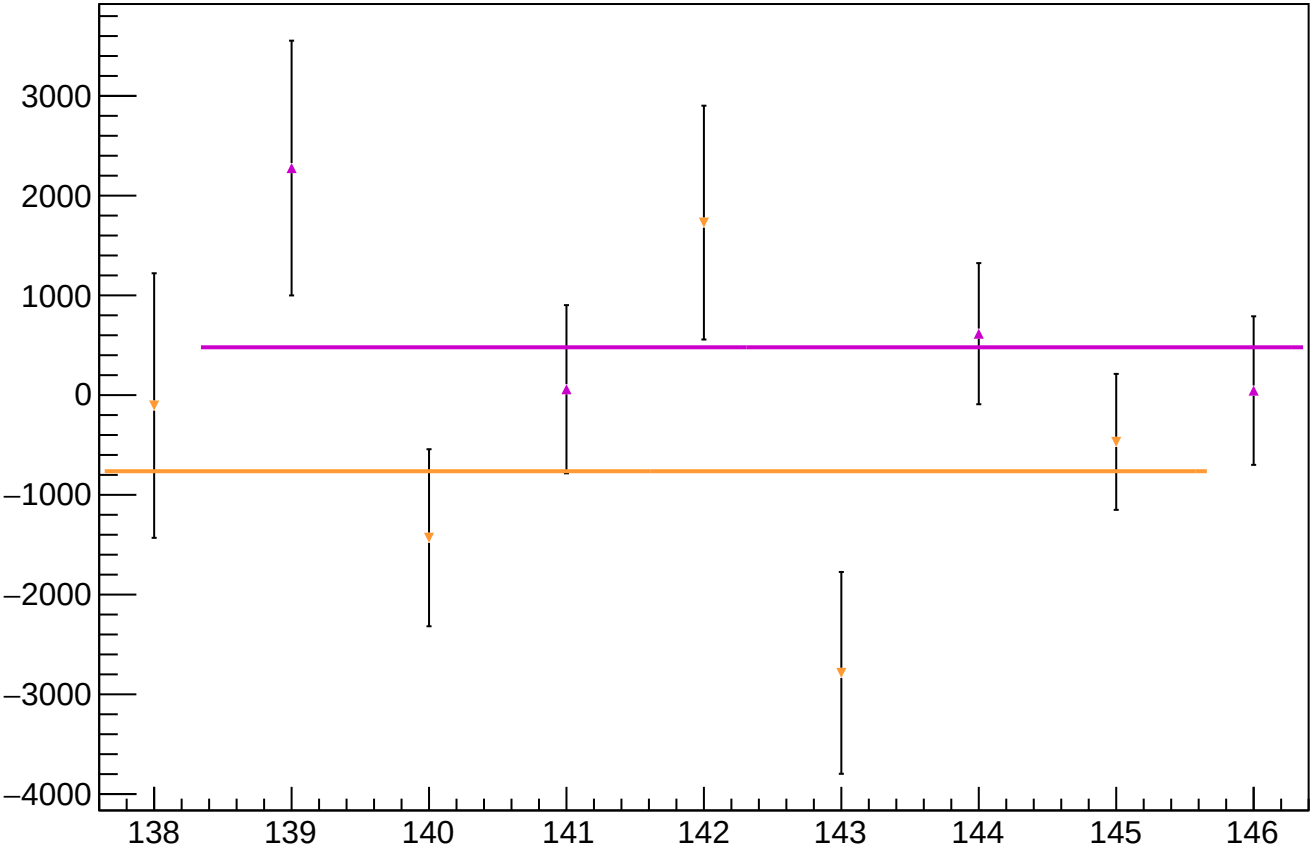
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 122.530+/-0.048 χ^2/NDF:19660.3/3

Out: 119.781+/-0.048 χ^2/NDF:280742.3/4

All: 121.138+/-0.034 χ^2/NDF: 302033.9/8

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -763.062+/-419.036 χ^2/NDF:9.5/4

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

Left In: 479.539+/-414.504 χ^2/NDF:2.6/3

Left: -135.005+/-294.688 χ^2/NDF: 16.6/8

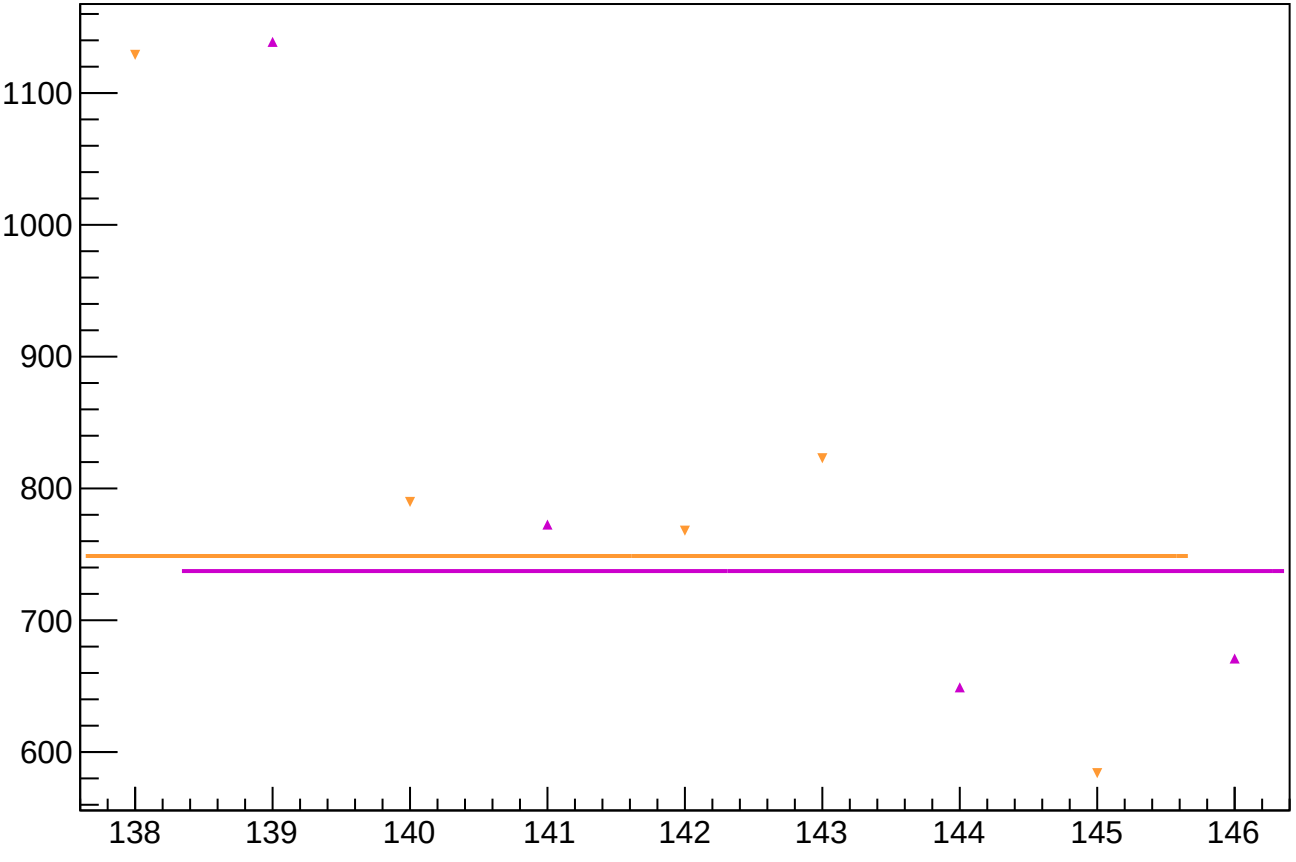
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 479.539+/-414.504 χ^2/NDF:2.6/3

Out: -763.062+/-419.036 χ^2/NDF:9.5/4

All: -135.005+/-294.688 χ^2/NDF: 16.6/8

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 748.744+/-0.296 χ^2/NDF:296801.4/4

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

Left In: 737.318+/-0.293 χ^2/NDF:248142.0/3

Left: 742.969+/-0.208 χ^2/NDF: 545694.9/8

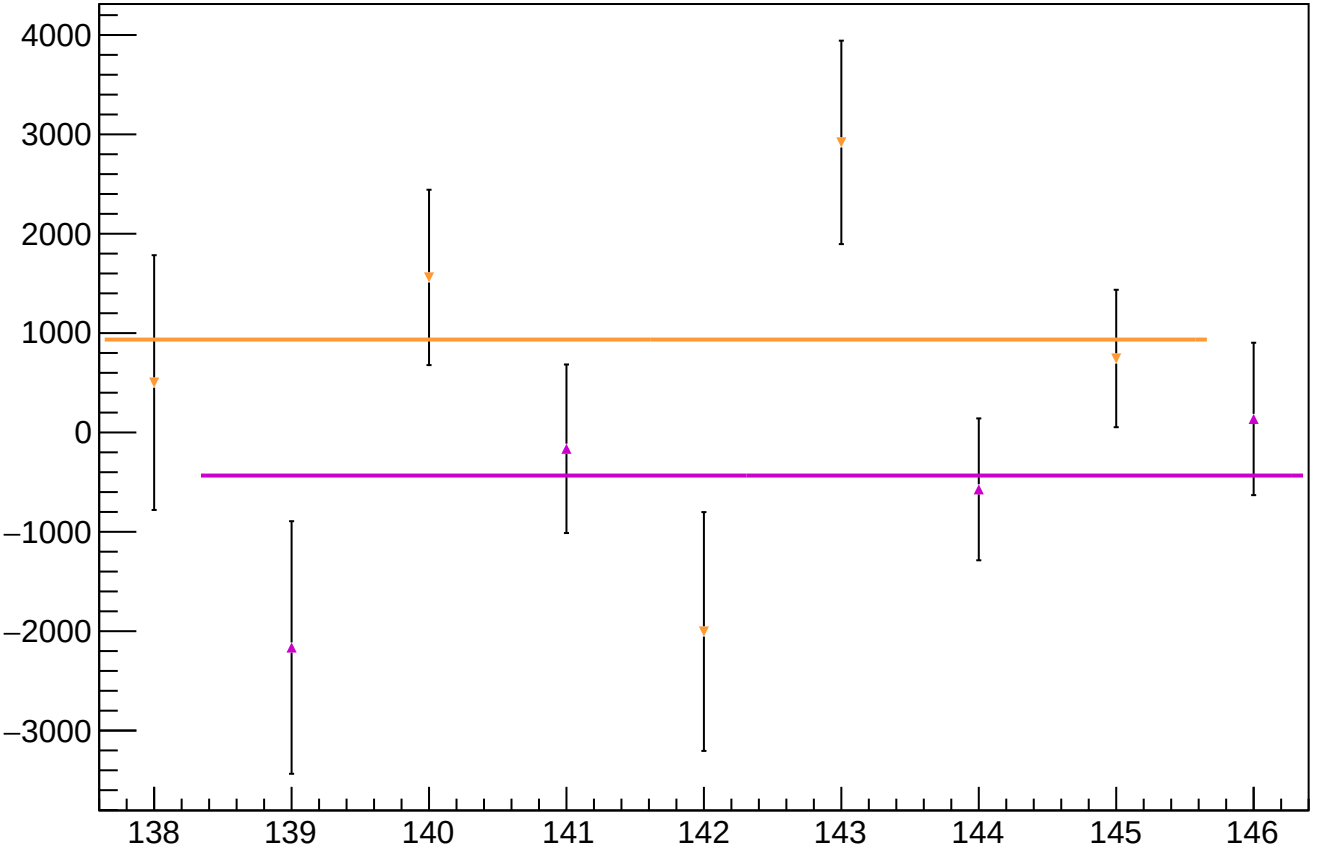
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 737.318+/-0.293 χ^2/NDF:248142.0/3

Out: 748.744+/-0.296 χ^2/NDF:296801.4/4

All: 742.969+/-0.208 χ^2/NDF: 545694.9/8

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 935.027+/-421.419 χ^2/NDF:10.4/4

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

Left In: -433.621+/-419.944 χ^2/NDF:2.5/3

Left: 248.303+/-297.465 χ^2/NDF: 18.3/8

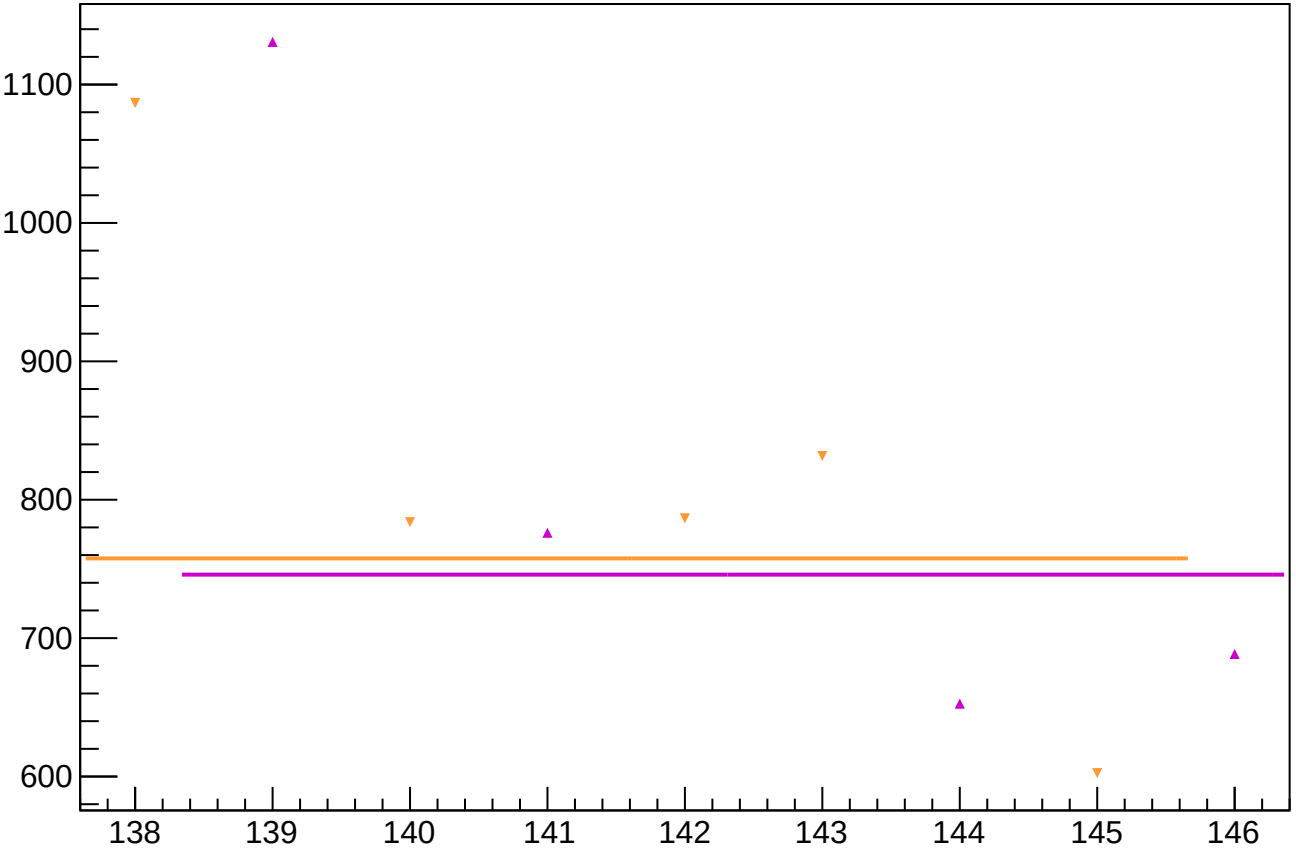
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -433.621+/-419.944 χ^2/NDF:2.5/3

Out: 935.027+/-421.419 χ^2/NDF:10.4/4

All: 248.303+/-297.465 χ^2/NDF: 18.3/8

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 757.616+/-0.298 χ^2/NDF:245853.5/4

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

Left In: 745.892+/-0.297 χ^2/NDF:231219.9/3

Left: 751.733+/-0.210 χ^2/NDF: 477849.9/8

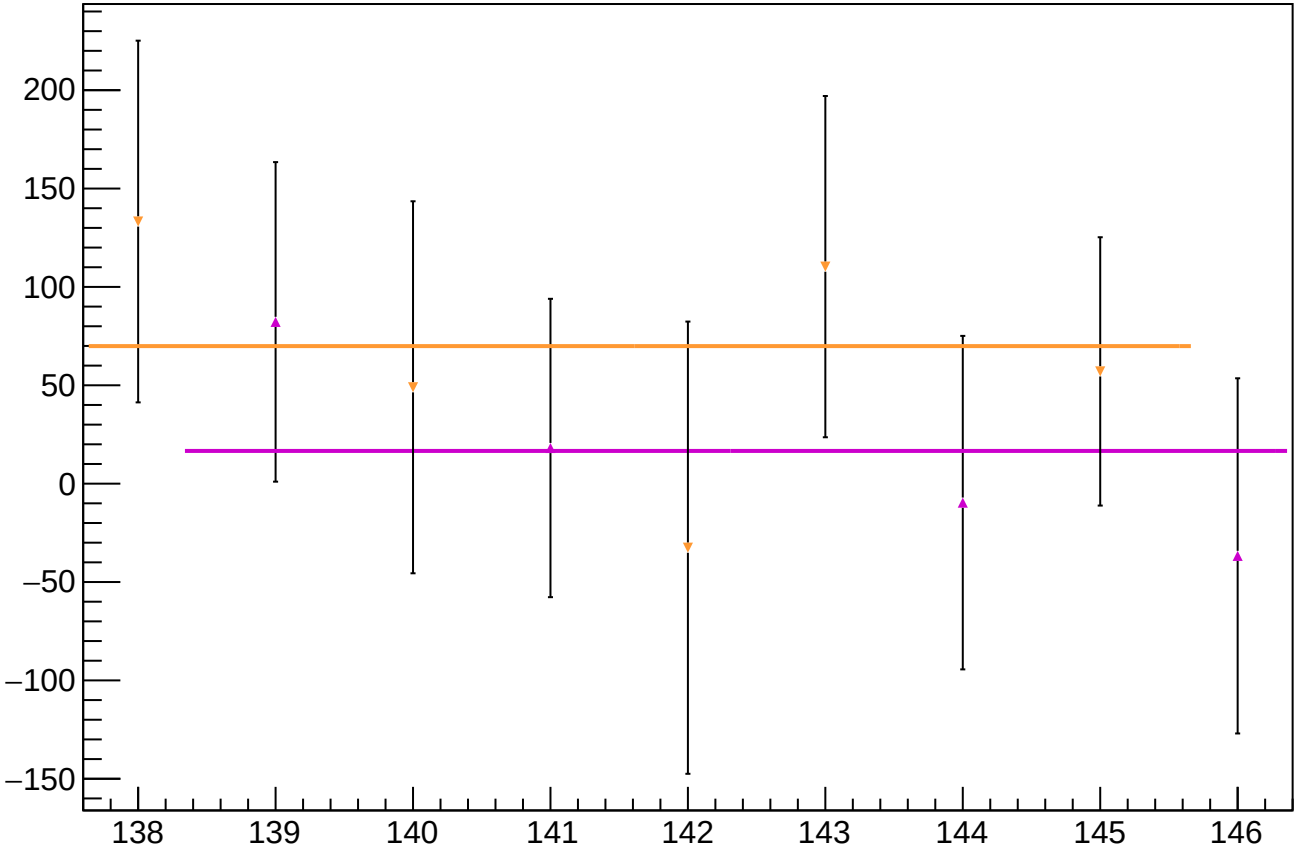
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 745.892+/-0.297 χ^2/NDF:231219.9/3

Out: 757.616+/-0.298 χ^2/NDF:245853.5/4

All: 751.733+/-0.210 χ^2/NDF: 477849.9/8

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 69.916+/-39.107 χ^2/NDF:1.6/4

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

Left In: 16.633+/-41.258 χ^2/NDF:1.1/3

Left: 44.700+/-28.383 χ^2/NDF: 3.5/8

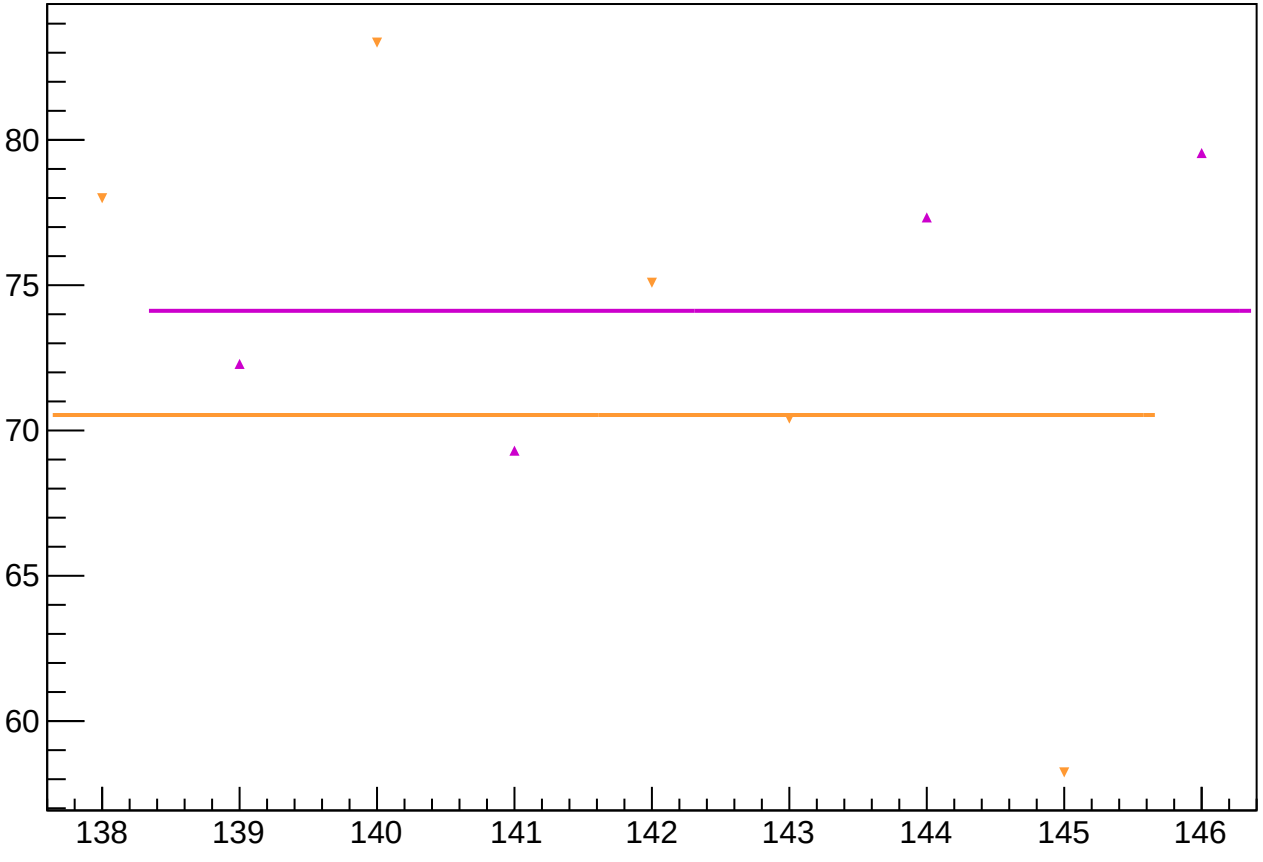
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.633+/-41.258 χ^2/NDF:1.1/3

Out: 69.916+/-39.107 χ^2/NDF:1.6/4

All: 44.700+/-28.383 χ^2/NDF: 3.5/8

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 70.533+/-0.028 χ^2/NDF:118096.3/4

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

Left In: 74.118+/-0.029 χ^2/NDF:19181.5/3

Left: 72.230+/-0.020 χ^2/NDF: 145232.5/8

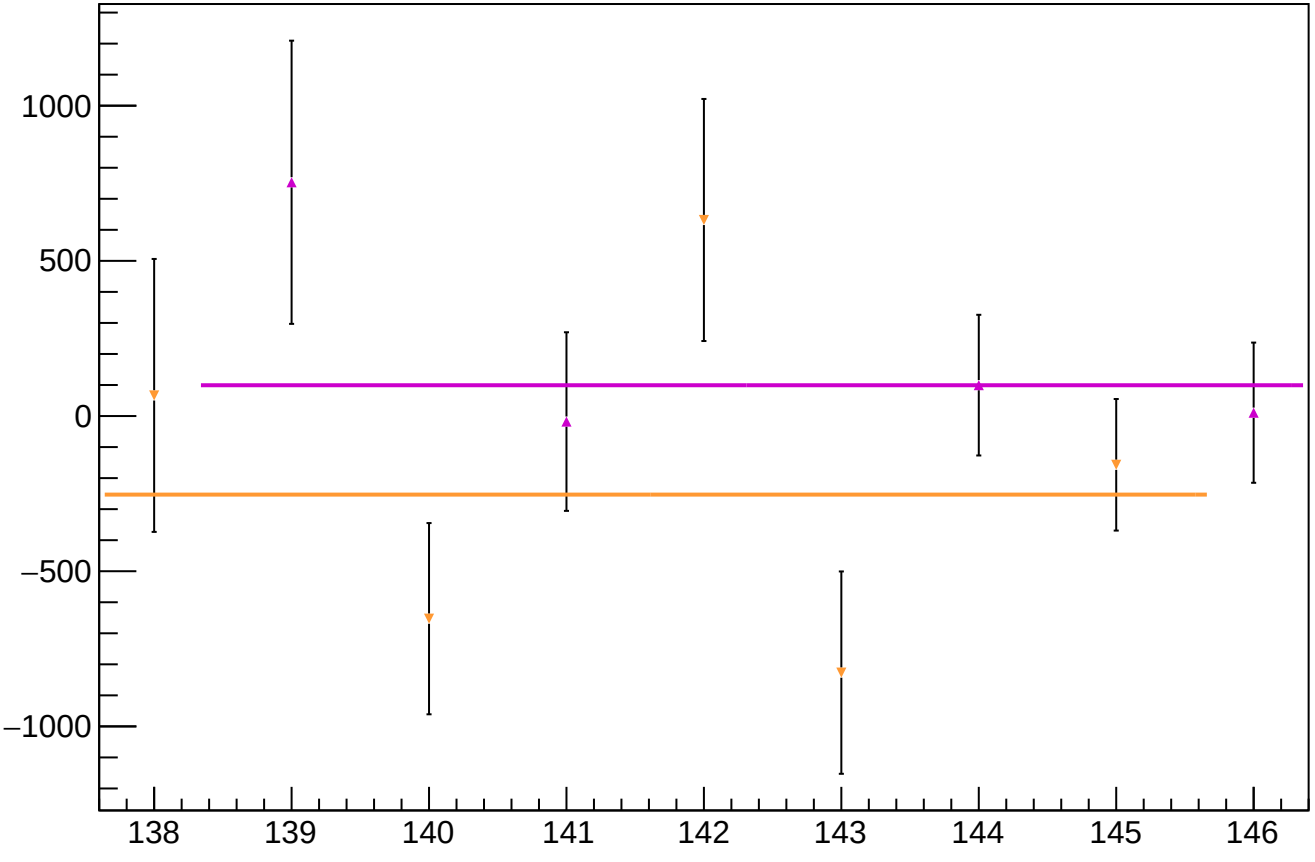
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 74.118+/-0.029 χ^2/NDF:19181.5/3

Out: 70.533+/-0.028 χ^2/NDF:118096.3/4

All: 72.230+/-0.020 χ^2/NDF: 145232.5/8

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -253.128+/-136.145 χ^2/NDF:10.7/4

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

Left In: 99.256+/-133.690 χ^2/NDF:2.4/3

Left: -73.730+/-95.389 χ^2/NDF: 16.4/8

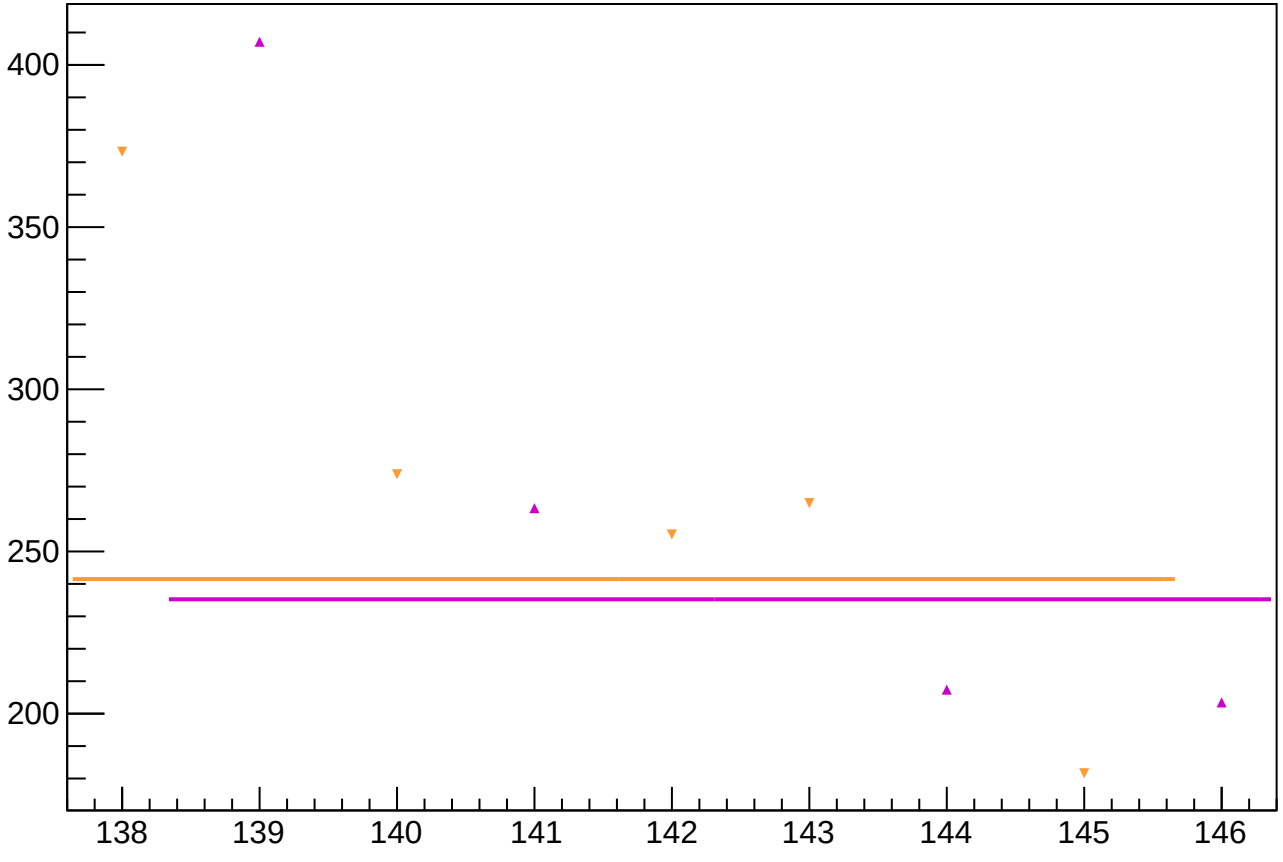
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.256+/-133.690 χ^2/NDF:2.4/3

Out: -253.128+/-136.145 χ^2/NDF:10.7/4

All: -73.730+/-95.389 χ^2/NDF: 16.4/8

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 241.482+/-0.096 χ^2/NDF:373979.3/4

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

Left In: 235.253+/-0.095 χ^2/NDF:372811.9/3

Left: 238.311+/-0.067 χ^2/NDF: 748922.8/8

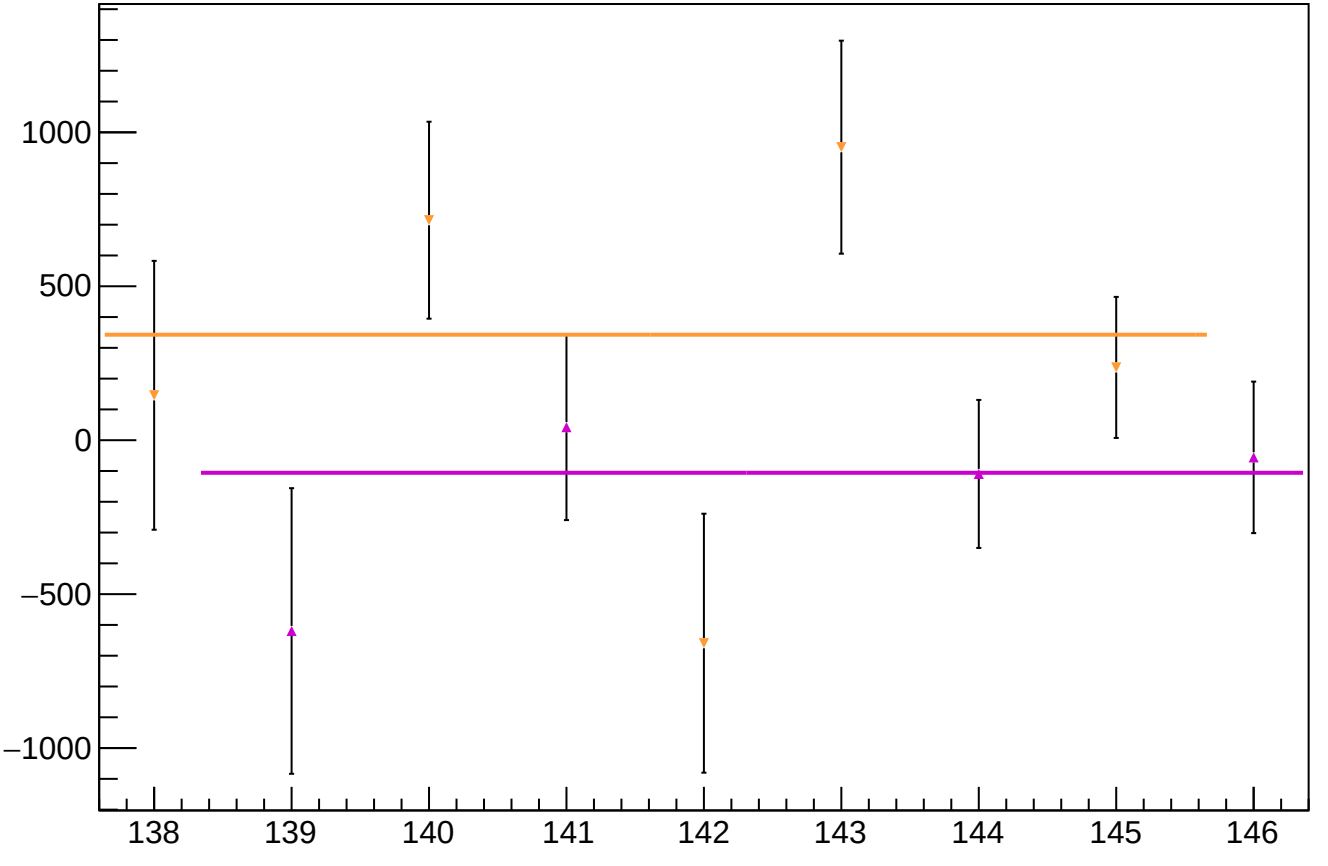
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 235.253+/-0.095 χ^2/NDF:372811.9/3

Out: 241.482+/-0.096 χ^2/NDF:373979.3/4

All: 238.311+/-0.067 χ^2/NDF: 748922.8/8

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 342.707+/-144.213 χ^2/NDF:10.5/4

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

Left In: -105.829+/-142.213 χ^2/NDF:1.5/3

Left: 115.306+/-101.259 χ^2/NDF: 17.0/8

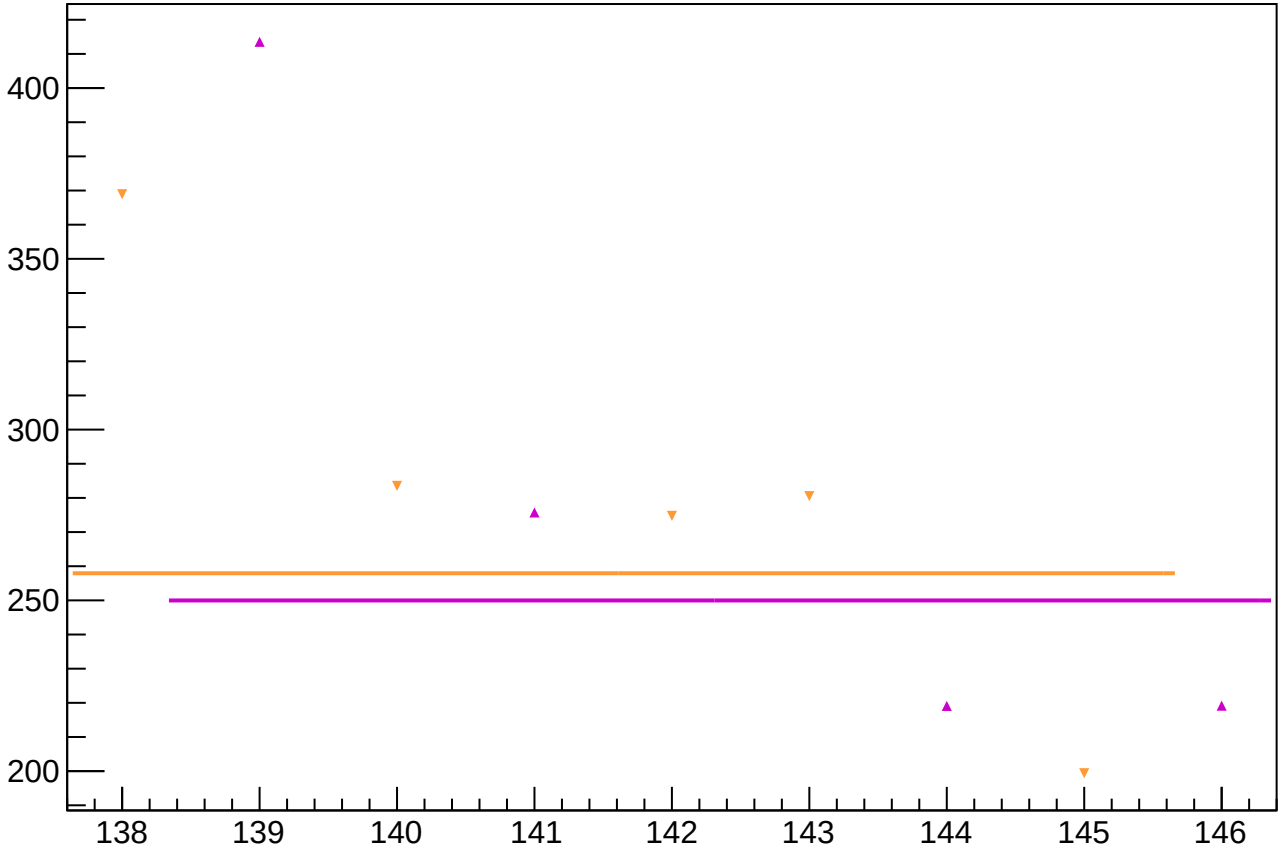
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -105.829+/-142.213 χ^2/NDF:1.5/3

Out: 342.707+/-144.213 χ^2/NDF:10.5/4

All: 115.306+/-101.259 χ^2/NDF: 17.0/8

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 257.941+/-0.102 χ^2/NDF:284357.7/4

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

Left In: 249.977+/-0.101 χ^2/NDF:327614.5/3

Left: 253.903+/-0.072 χ^2/NDF: 615064.0/8

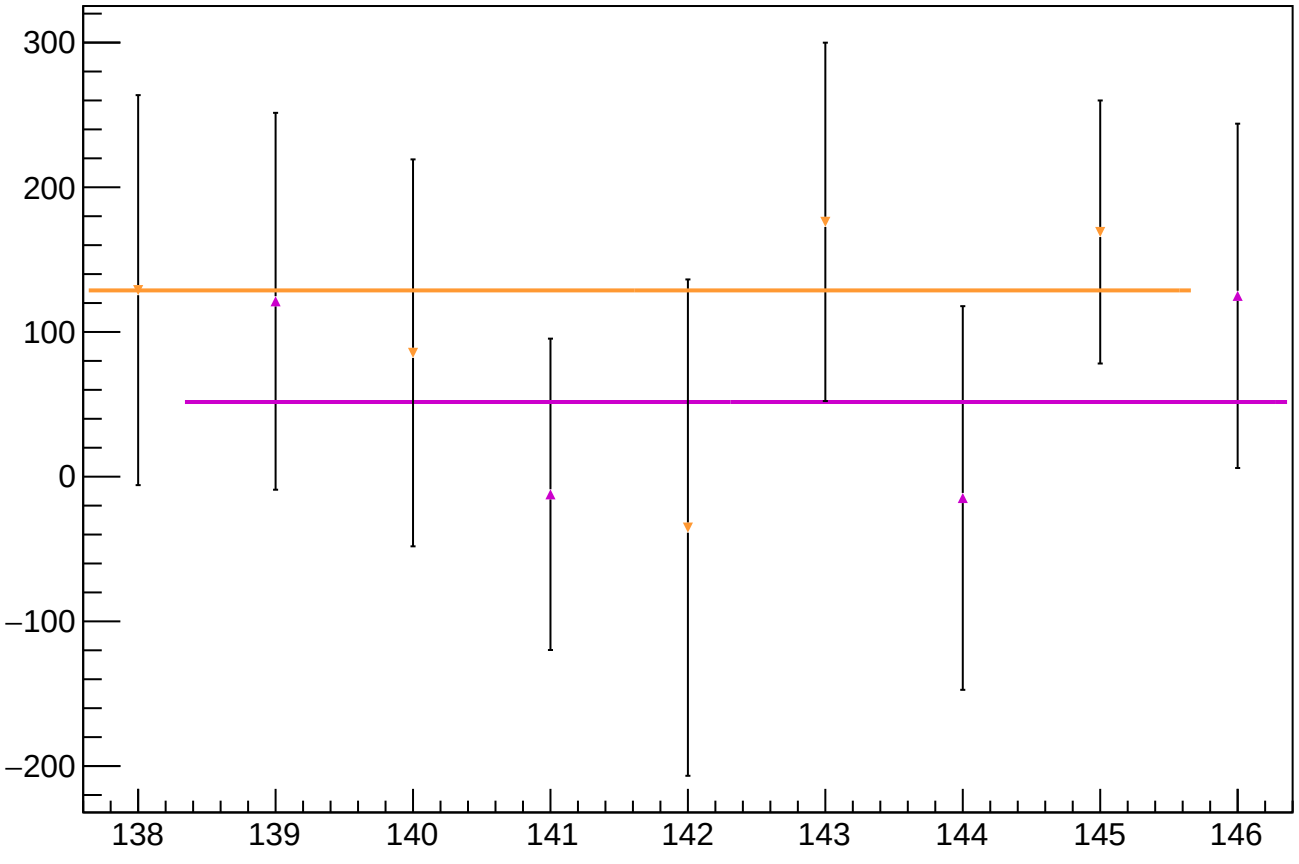
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 249.977+/-0.101 χ^2/NDF:327614.5/3

Out: 257.941+/-0.102 χ^2/NDF:284357.7/4

All: 253.903+/-0.072 χ^2/NDF: 615064.0/8

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 128.725+/-54.945 χ^2/NDF:1.4/4

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

Left In: 51.603+/-60.535 χ^2/NDF:1.3/3

Left: 93.888+/-40.685 χ^2/NDF: 3.5/8

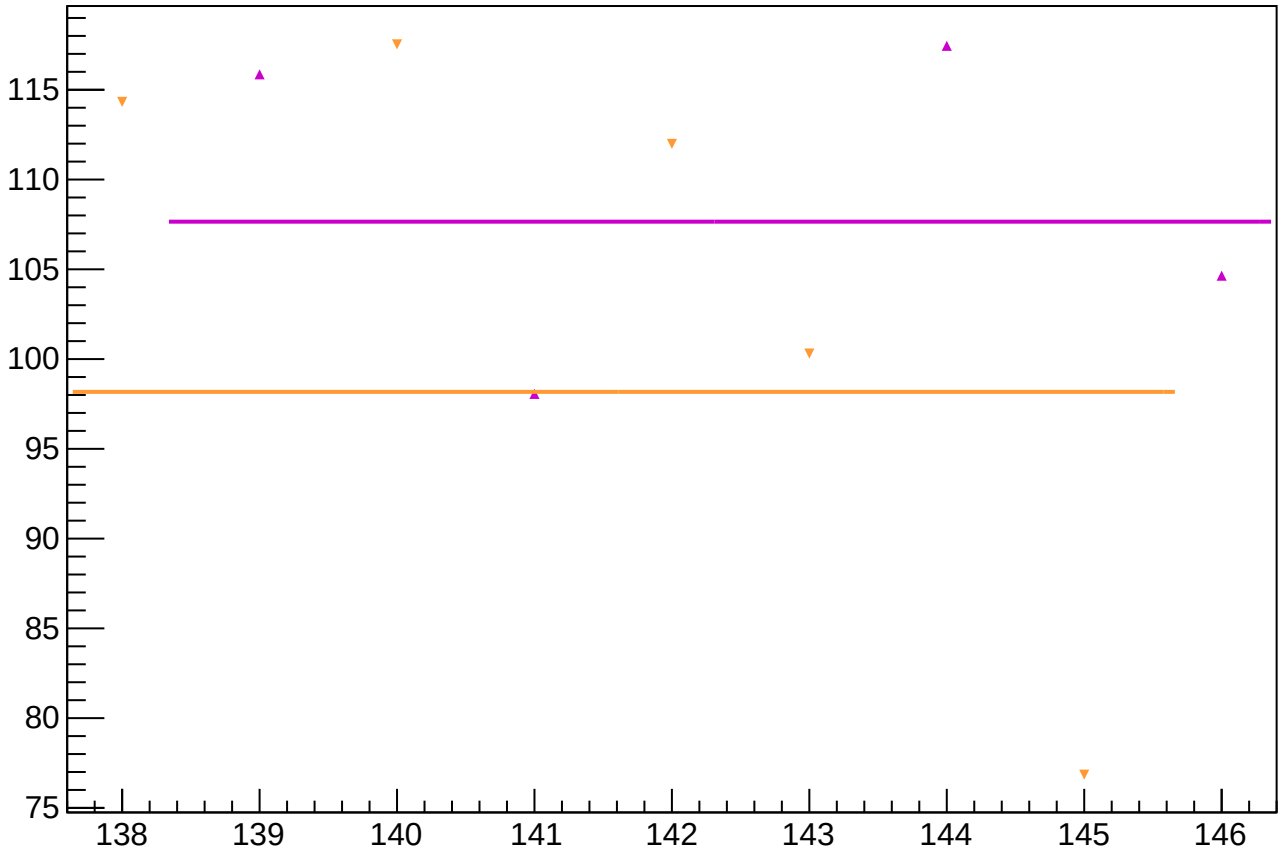
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 51.603+/-60.535 χ^2/NDF:1.3/3

Out: 128.725+/-54.945 χ^2/NDF:1.4/4

All: 93.888+/-40.685 χ^2/NDF: 3.5/8

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 98.174+/-0.039 χ^2/NDF:194257.4/4

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

Left In: 107.654+/-0.043 χ^2/NDF:36039.5/3

Left: 102.456+/-0.029 χ^2/NDF: 257189.9/8

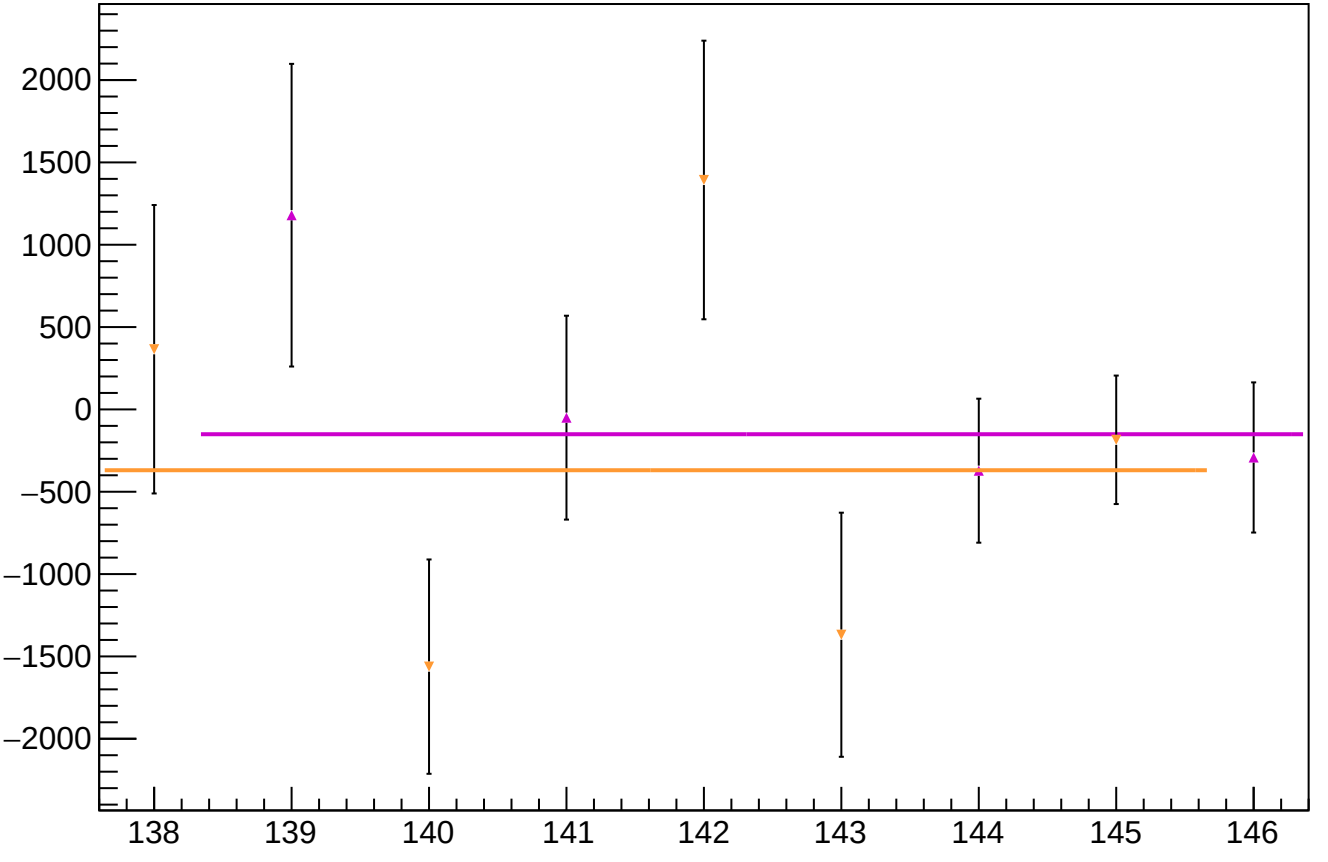
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 107.654+/-0.043 χ^2/NDF:36039.5/3

Out: 98.174+/-0.039 χ^2/NDF:194257.4/4

All: 102.456+/-0.029 χ^2/NDF: 257189.9/8

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -369.335+/-272.641 χ^2/NDF:10.4/4

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

Left In: -150.723+/-268.843 χ^2/NDF:2.5/3

Left: -258.496+/-191.429 χ^2/NDF: 13.2/8

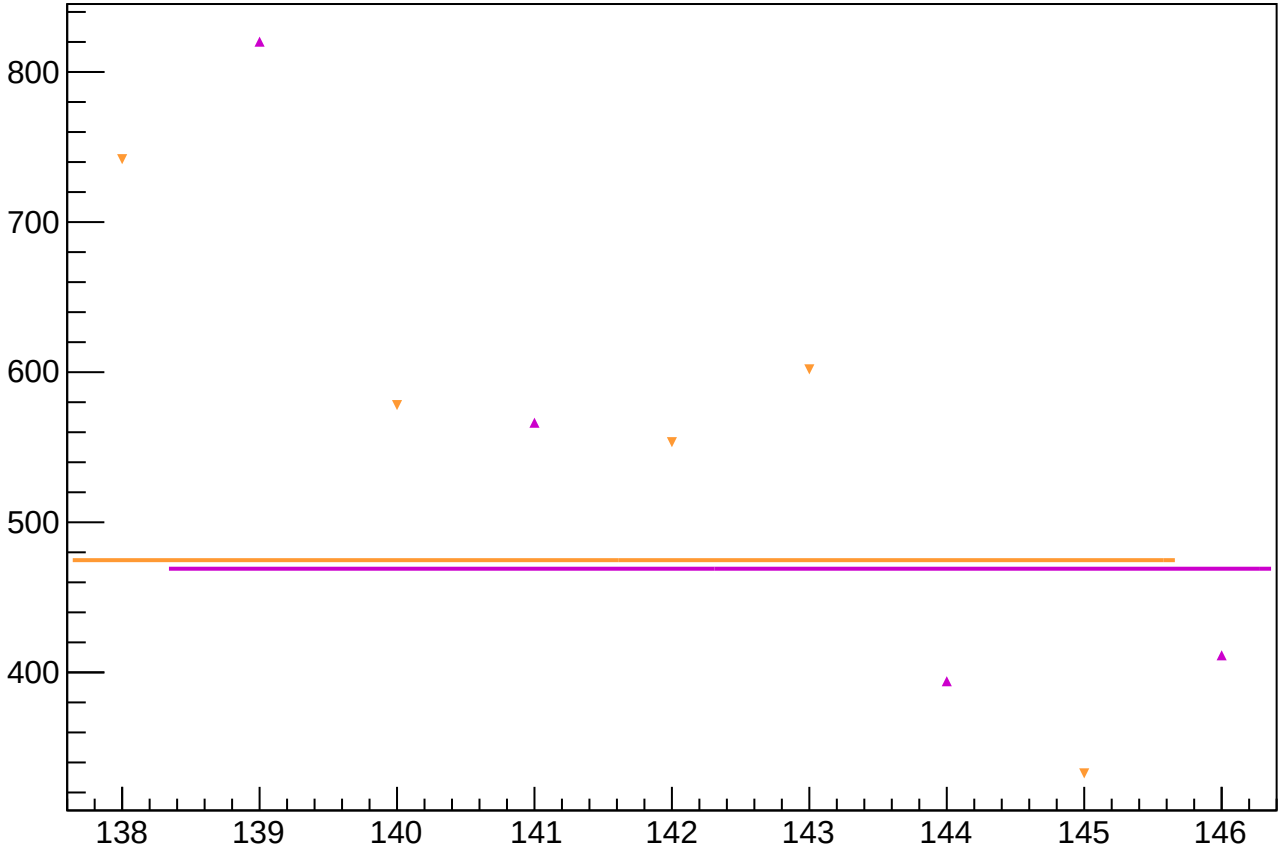
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -150.723+/-268.843 χ^2/NDF:2.5/3

Out: -369.335+/-272.641 χ^2/NDF:10.4/4

All: -258.496+/-191.429 χ^2/NDF: 13.2/8

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 474.774+/-0.193 χ^2/NDF:577704.0/4

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

Left In: 469.071+/-0.190 χ^2/NDF:432163.0/3

Left: 471.883+/-0.135 χ^2/NDF: 1010310.7/8

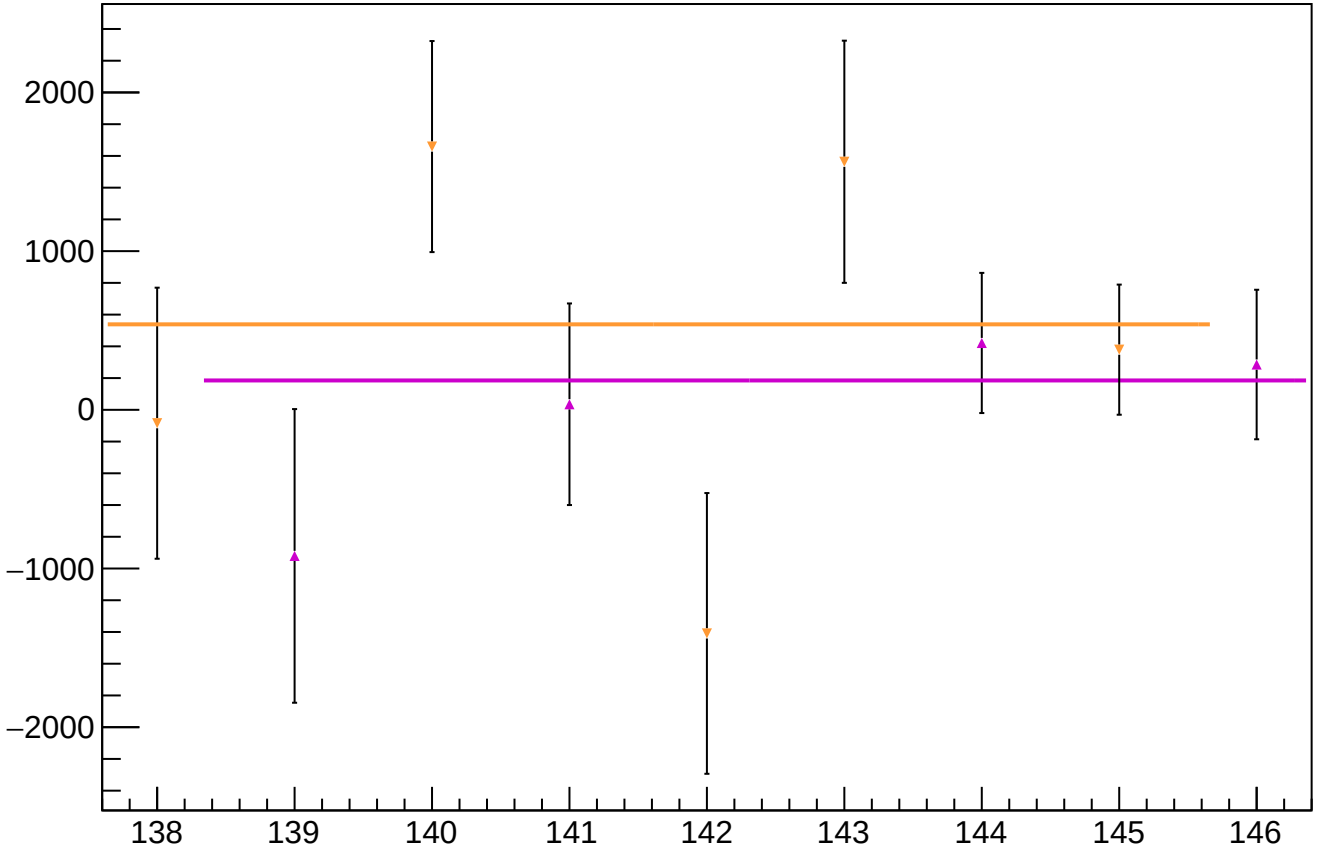
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 469.071+/-0.190 χ^2/NDF:432163.0/3

Out: 474.774+/-0.193 χ^2/NDF:577704.0/4

All: 471.883+/-0.135 χ^2/NDF: 1010310.7/8

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 538.698+/-281.997 χ^2/NDF:10.2/4

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

Left In: 185.102+/-274.433 χ^2/NDF:1.8/3

Left: 357.094+/-196.673 χ^2/NDF: 12.8/8

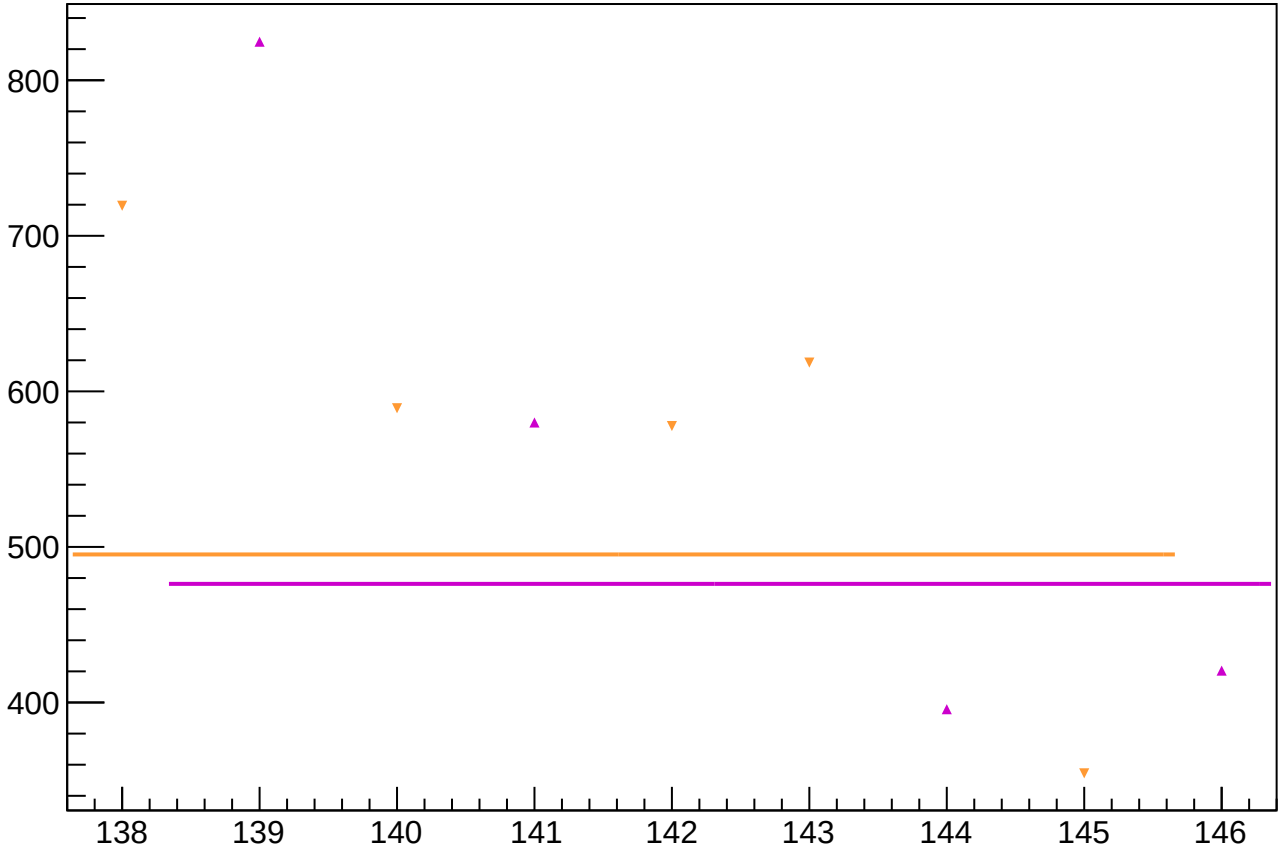
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 185.102+/-274.433 χ^2/NDF:1.8/3

Out: 538.698+/-281.997 χ^2/NDF:10.2/4

All: 357.094+/-196.673 χ^2/NDF: 12.8/8

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 495.169+/-0.199 χ^2/NDF:482945.4/4

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

Left In: 476.248+/-0.194 χ^2/NDF:431701.1/3

Left: 485.451+/-0.139 χ^2/NDF: 919271.1/8

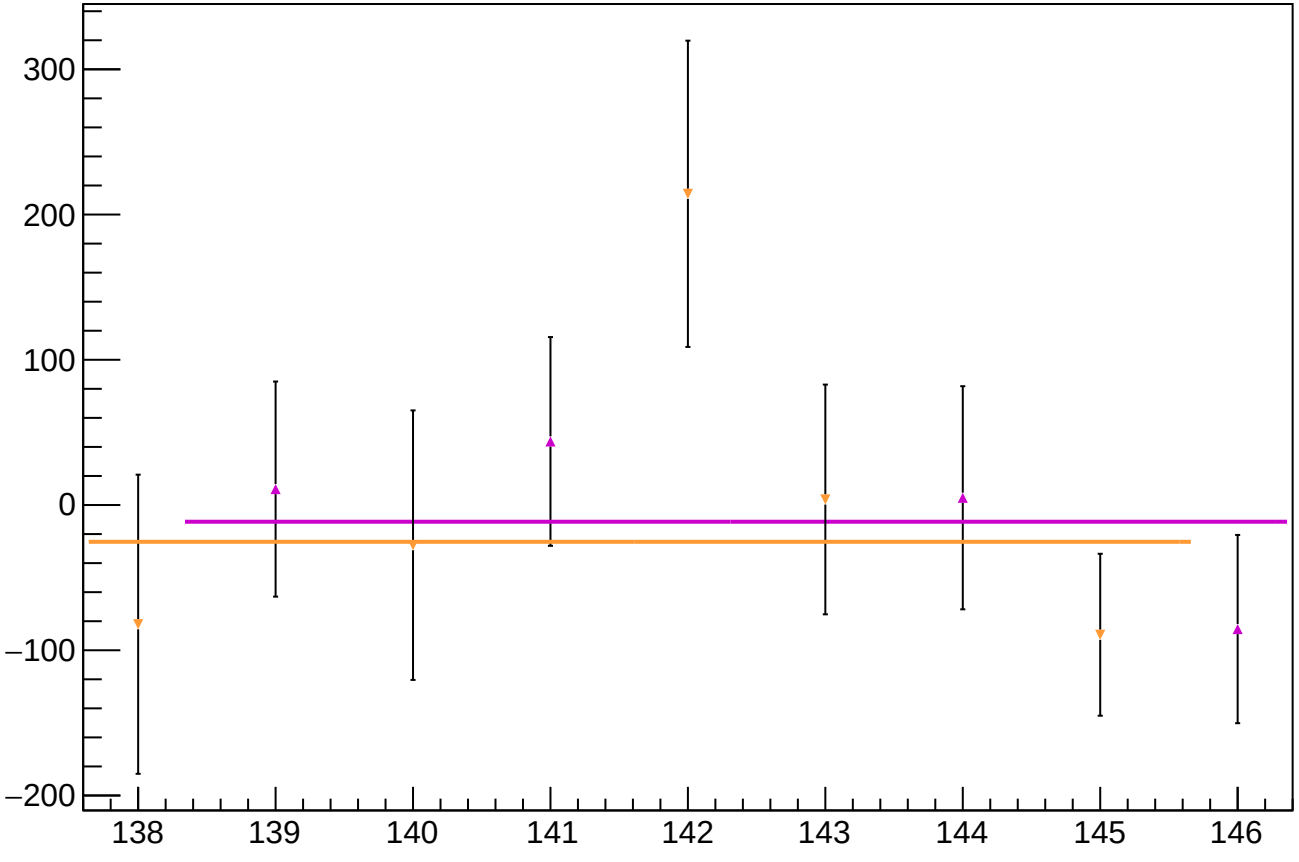
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 476.248+/-0.194 χ^2/NDF:431701.1/3

Out: 495.169+/-0.199 χ^2/NDF:482945.4/4

All: 485.451+/-0.139 χ^2/NDF: 919271.1/8

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: -25.319+/-35.759 χ^2/NDF:6.9/4

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

Left In: -11.502+/-35.723 χ^2/NDF:2.0/3

Left: -18.403+/-25.273 χ^2/NDF: 9.0/8

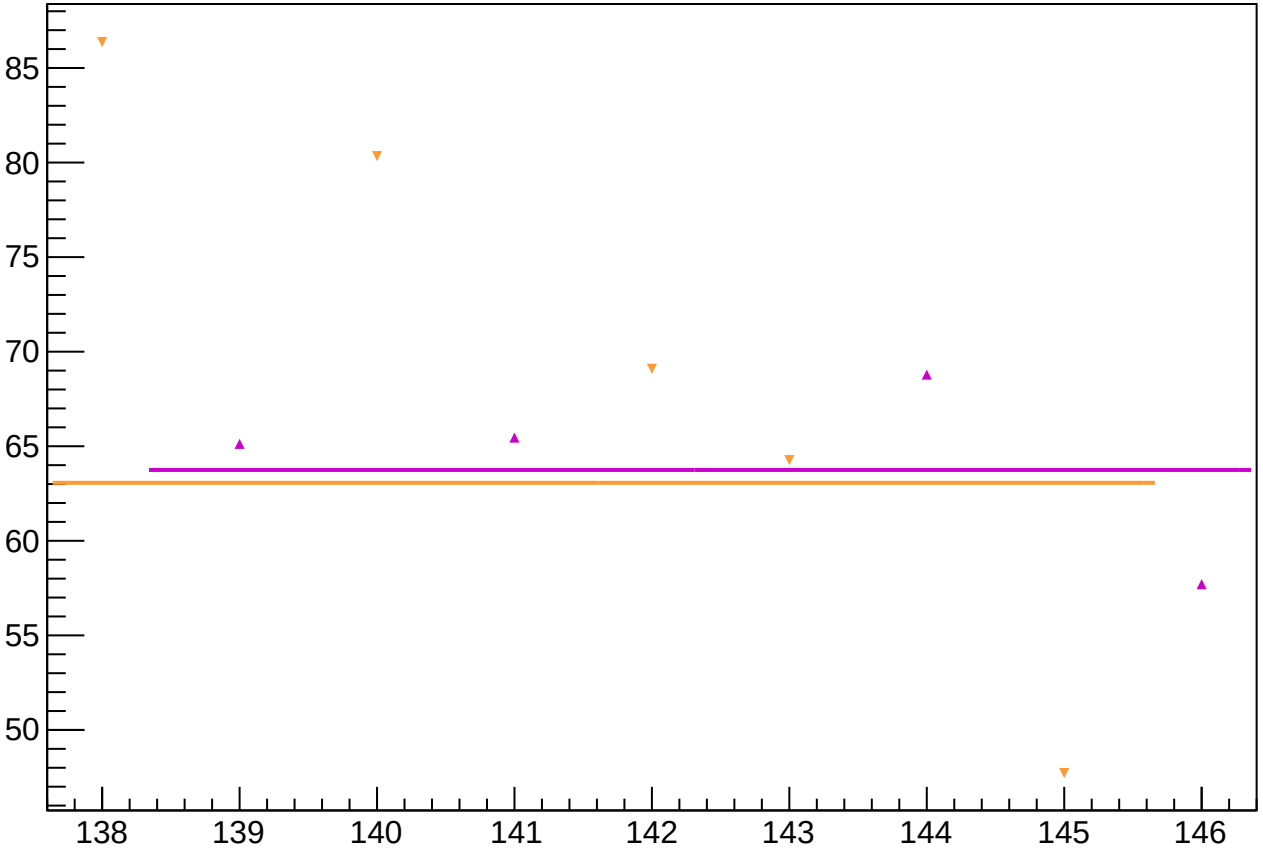
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.502+/-35.723 χ^2/NDF:2.0/3

Out: -25.319+/-35.759 χ^2/NDF:6.9/4

All: -18.403+/-25.273 χ^2/NDF: 9.0/8

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: 63.067+/-0.025 χ^2/NDF:330273.9/4

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

Left In: 63.746+/-0.025 χ^2/NDF:27819.3/3

Left: 63.407+/-0.018 χ^2/NDF: 358454.7/8

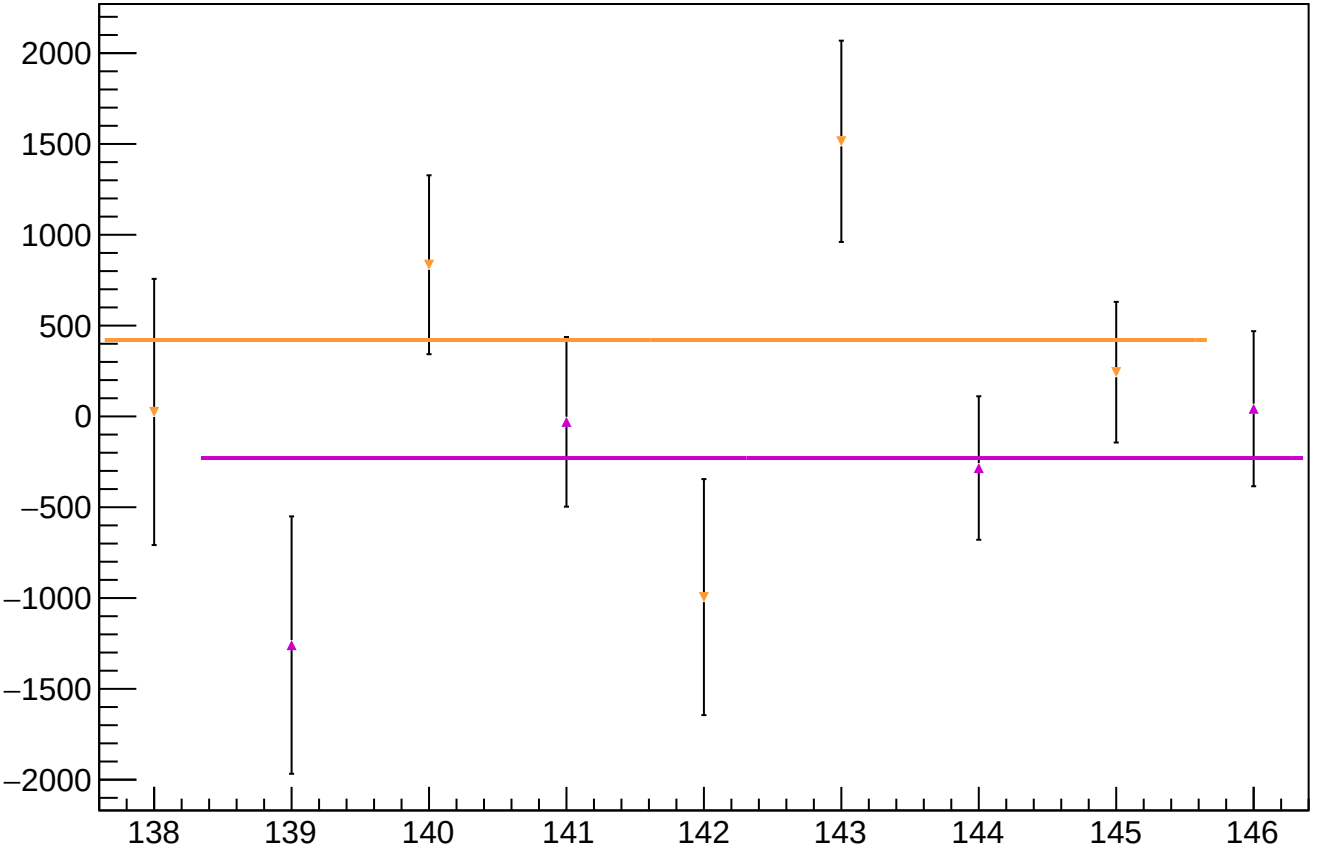
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.746+/-0.025 χ^2/NDF:27819.3/3

Out: 63.067+/-0.025 χ^2/NDF:330273.9/4

All: 63.407+/-0.018 χ^2/NDF: 358454.7/8

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: 420.632+/-233.872 χ^2/NDF:9.9/4

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

Left In: -229.140+/-232.686 χ^2/NDF:2.7/3

Left: 94.093+/-164.952 χ^2/NDF: 16.5/8

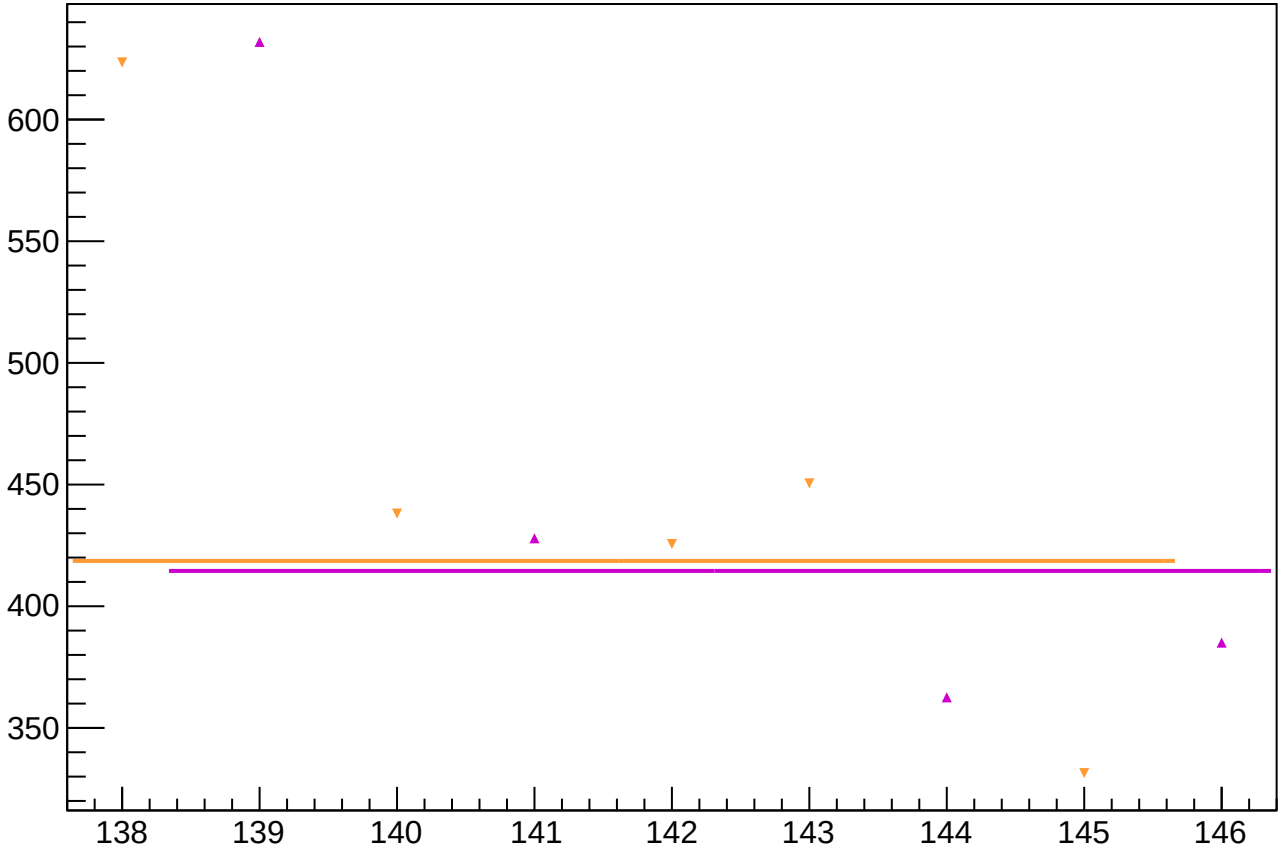
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -229.140+/-232.686 χ^2/NDF:2.7/3

Out: 420.632+/-233.872 χ^2/NDF:9.9/4

All: 94.093+/-164.952 χ^2/NDF: 16.5/8

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: 418.644+/-0.165 χ^2/NDF:267720.0/4

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

Left In: 414.517+/-0.165 χ^2/NDF:233990.8/3

Left: 416.570+/-0.117 χ^2/NDF: 502023.8/8

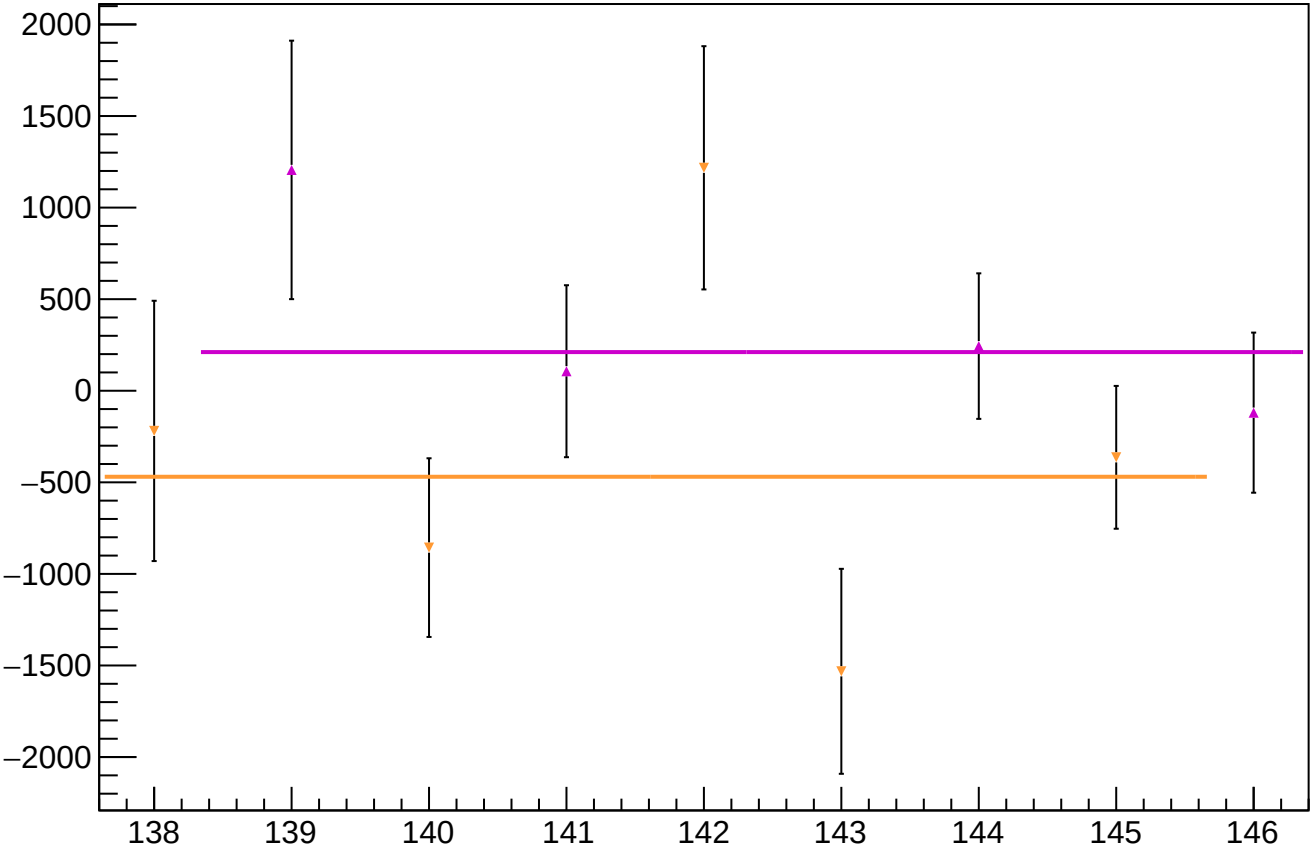
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 414.517+/-0.165 χ^2/NDF:233990.8/3

Out: 418.644+/-0.165 χ^2/NDF:267720.0/4

All: 416.570+/-0.117 χ^2/NDF: 502023.8/8

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -469.597+/-234.258 χ^2/NDF:10.9/4

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

Left In: 211.095+/-234.962 χ^2/NDF:2.6/3

Left: -130.272+/-165.894 χ^2/NDF: 17.7/8

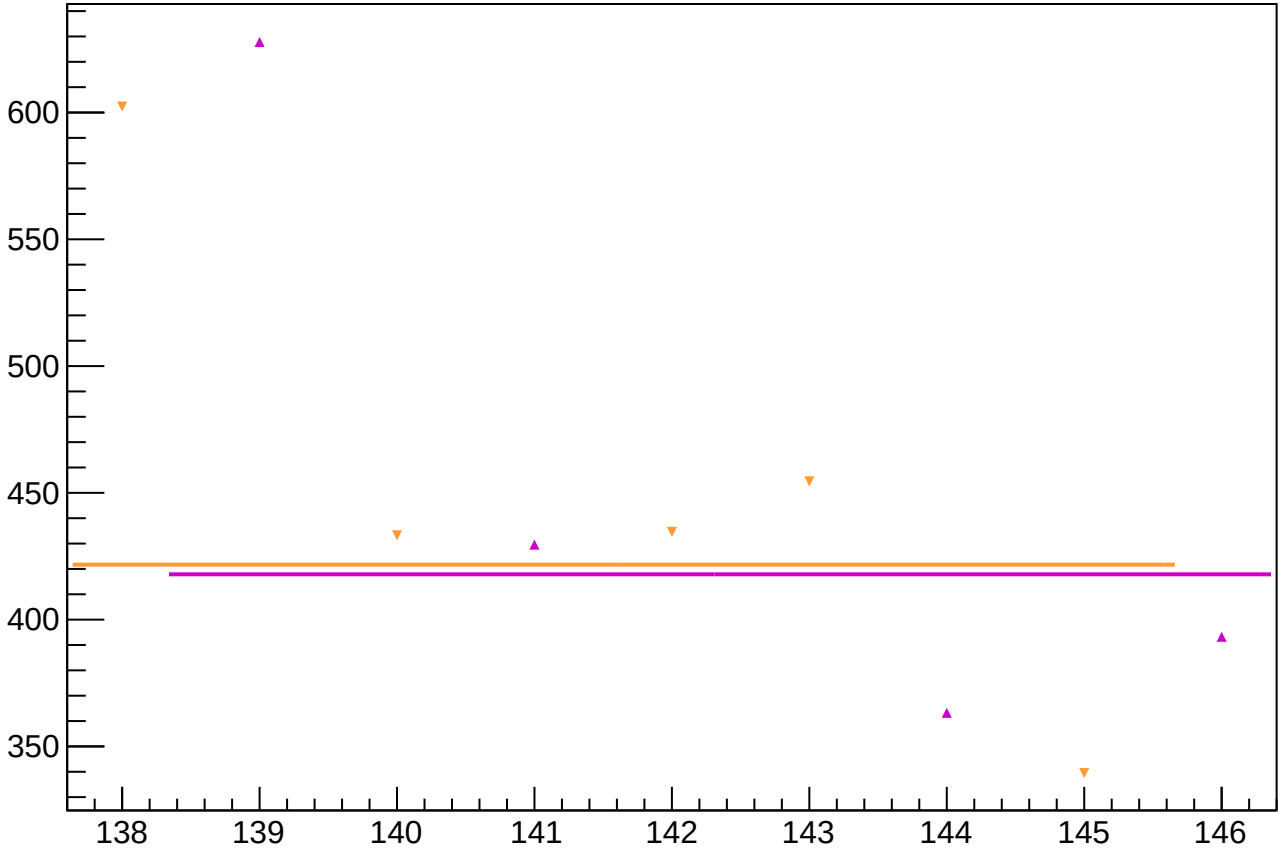
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 211.095+/-234.962 χ^2/NDF:2.6/3

Out: -469.597+/-234.258 χ^2/NDF:10.9/4

All: -130.272+/-165.894 χ^2/NDF: 17.7/8

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 421.677+/-0.166 χ^2/NDF:226969.0/4

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

Left In: 417.875+/-0.166 χ^2/NDF:222461.8/3

Left: 419.782+/-0.117 χ^2/NDF: 449693.5/8

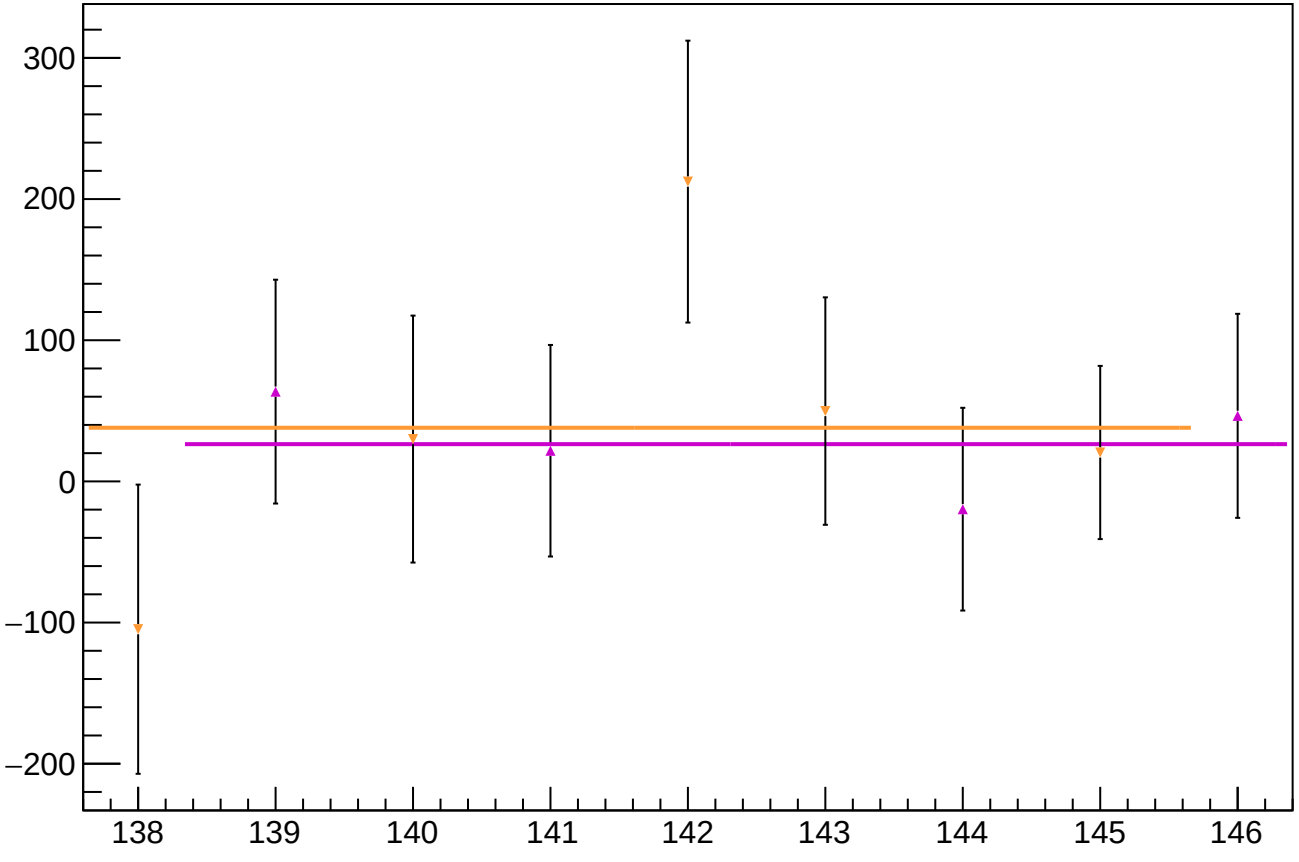
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 417.875+/-0.166 χ^2/NDF:222461.8/3

Out: 421.677+/-0.166 χ^2/NDF:226969.0/4

All: 419.782+/-0.117 χ^2/NDF: 449693.5/8

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: 38.003+/-36.612 χ^2/NDF:5.1/4

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

Left In: 26.382+/-37.201 χ^2/NDF:0.7/3

Left: 32.285+/-26.094 χ^2/NDF: 5.9/8

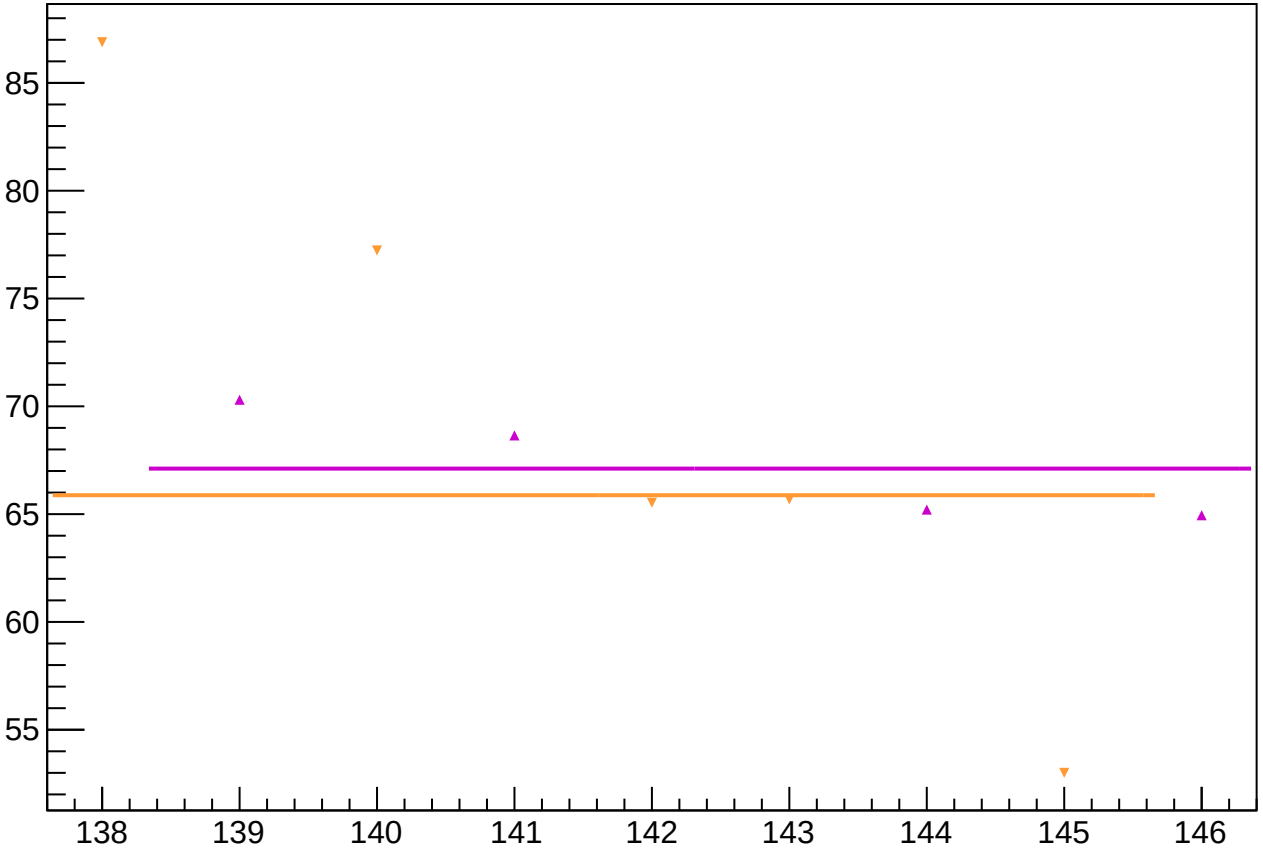
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 26.382+/-37.201 χ^2/NDF:0.7/3

Out: 38.003+/-36.612 χ^2/NDF:5.1/4

All: 32.285+/-26.094 χ^2/NDF: 5.9/8

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: 65.877+/-0.026 χ^2/NDF:205963.2/4

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

Left In: 67.111+/-0.026 χ^2/NDF:7282.5/3

Left: 66.485+/-0.018 χ^2/NDF: 214363.4/8

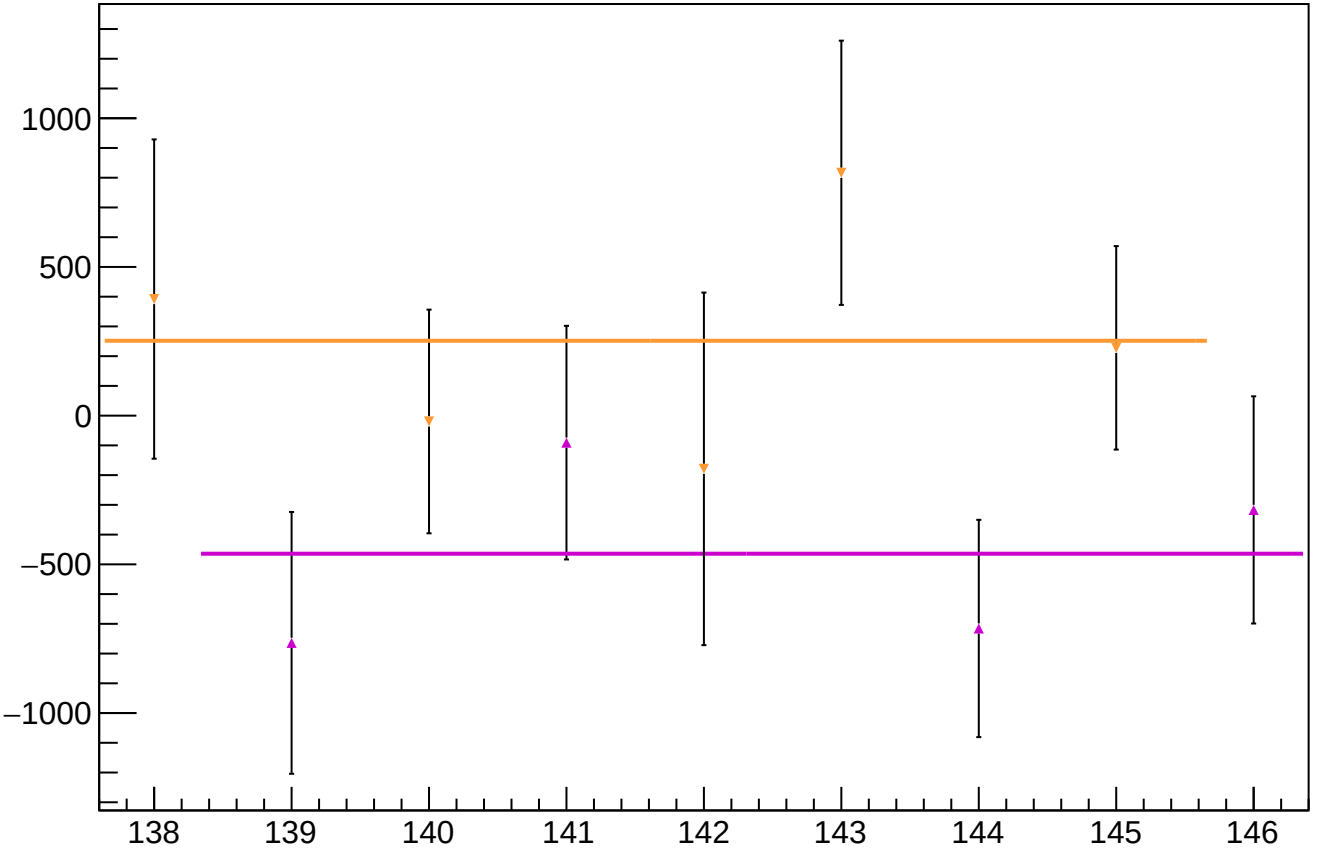
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.111+/-0.026 χ^2/NDF:7282.5/3

Out: 65.877+/-0.026 χ^2/NDF:205963.2/4

All: 66.485+/-0.018 χ^2/NDF: 214363.4/8

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: 251.817+/-192.451 χ^2/NDF:2.7/4

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

Left In: -464.226+/-196.157 χ^2/NDF:2.0/3

Left: -99.378+/-137.375 χ^2/NDF: 11.5/8

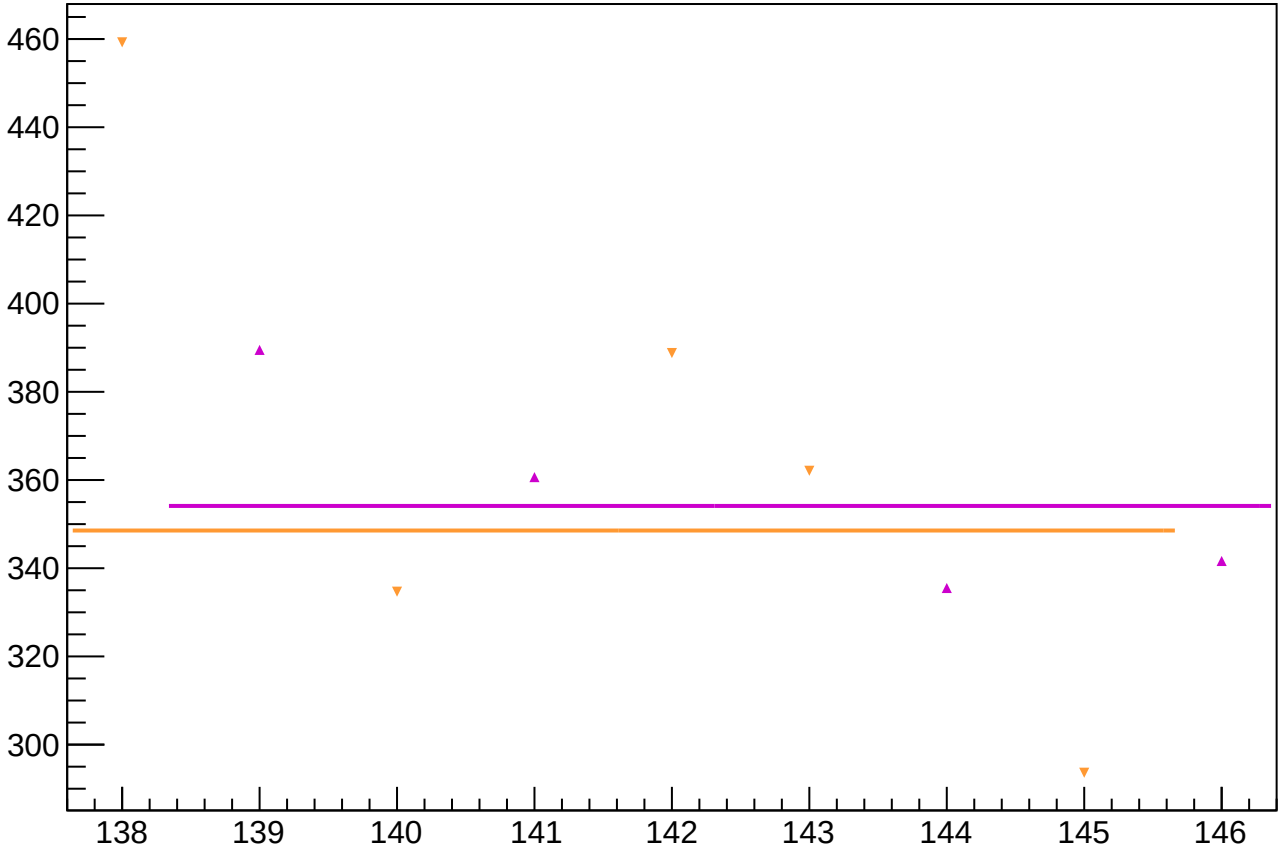
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -464.226+/-196.157 χ^2/NDF:2.0/3

Out: 251.817+/-192.451 χ^2/NDF:2.7/4

All: -99.378+/-137.375 χ^2/NDF: 11.5/8

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: 348.551+/-0.136 χ^2/NDF:150412.0/4

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

Left In: 354.125+/-0.139 χ^2/NDF:20798.7/3

Left: 351.285+/-0.097 χ^2/NDF: 172033.7/8

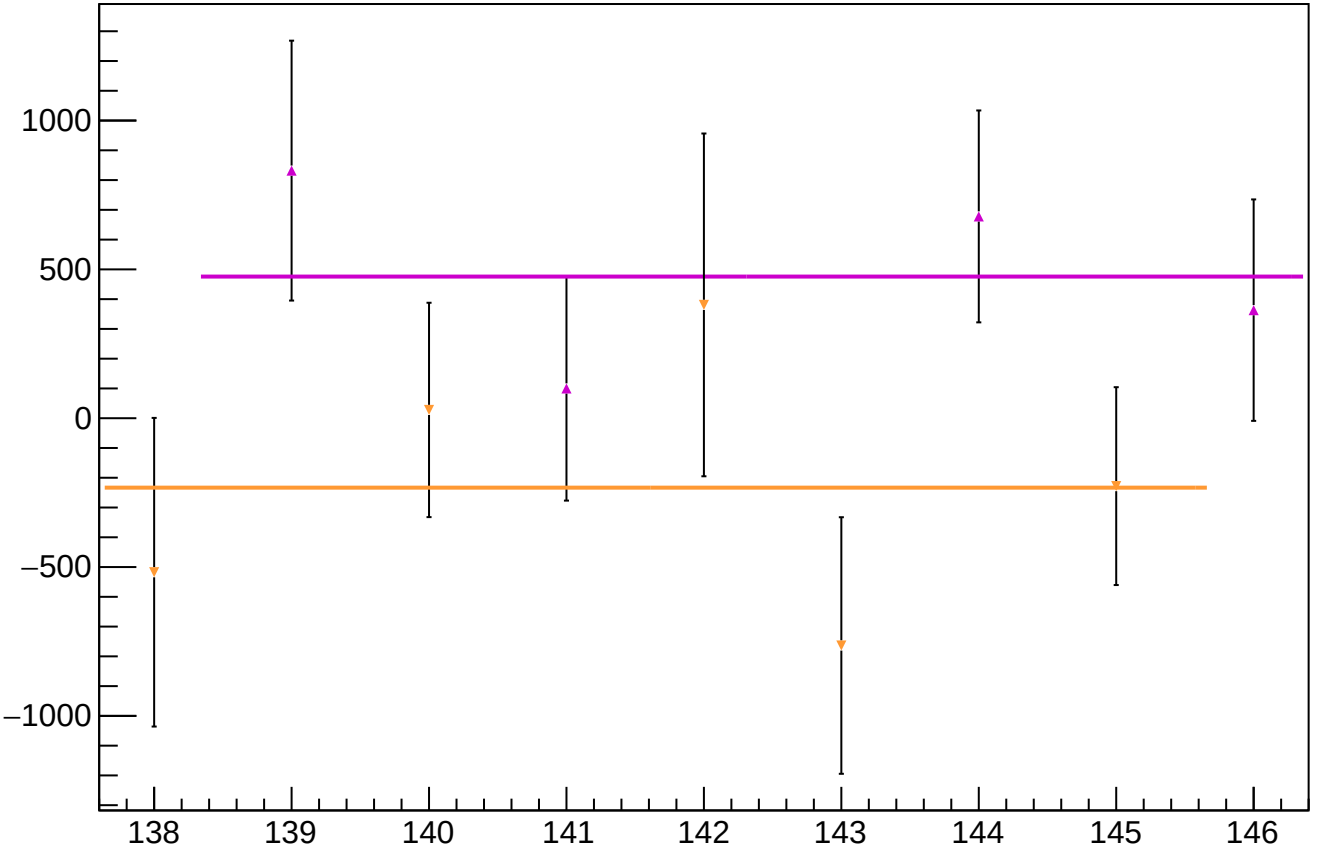
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 354.125+/-0.139 χ^2/NDF:20798.7/3

Out: 348.551+/-0.136 χ^2/NDF:150412.0/4

All: 351.285+/-0.097 χ^2/NDF: 172033.7/8

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -233.245+/-186.048 χ^2/NDF:3.5/4

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

Left In: 475.855+/-190.993 χ^2/NDF:2.1/3

Left: 112.007+/-133.270 χ^2/NDF: 12.6/8

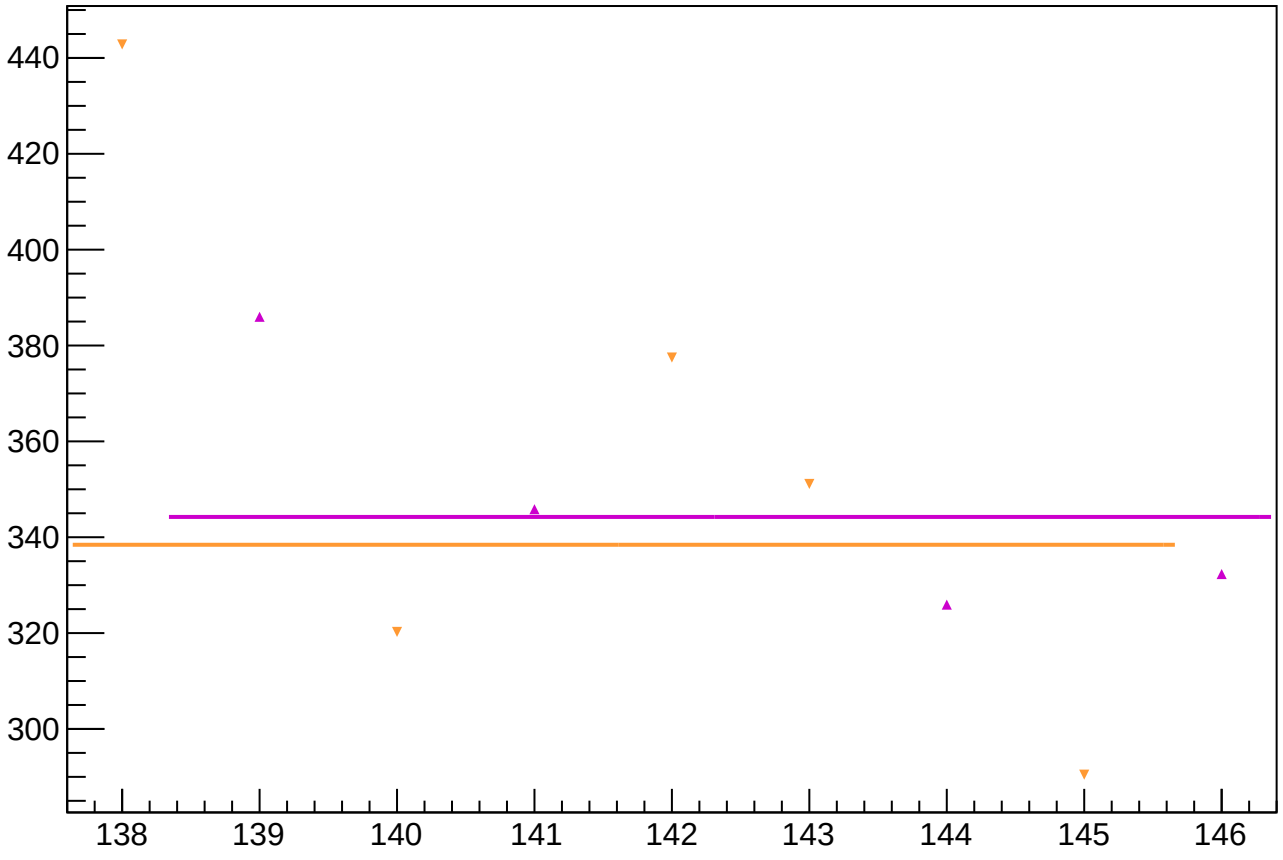
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 475.855+/-190.993 χ^2/NDF:2.1/3

Out: -233.245+/-186.048 χ^2/NDF:3.5/4

All: 112.007+/-133.270 χ^2/NDF: 12.6/8

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 338.427+/-0.132 χ^2/NDF:138812.8/4

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

Left In: 344.235+/-0.135 χ^2/NDF:25678.3/3

Left: 341.255+/-0.094 χ^2/NDF: 165440.0/8

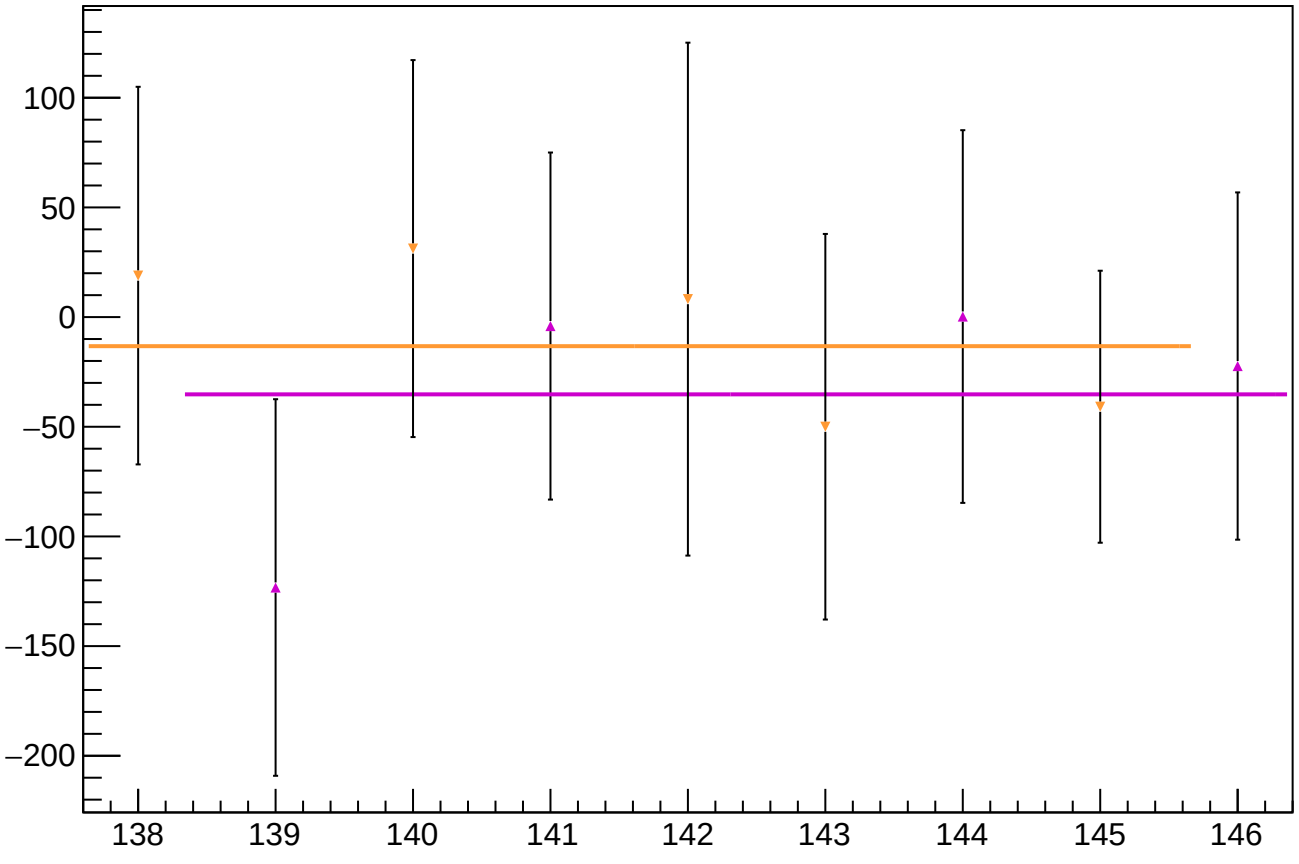
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 344.235+/-0.135 χ^2/NDF:25678.3/3

Out: 338.427+/-0.132 χ^2/NDF:138812.8/4

All: 341.255+/-0.094 χ^2/NDF: 165440.0/8

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: -13.259+/-36.933 χ^2/NDF:0.8/4

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

Left In: -35.226+/-41.044 χ^2/NDF:1.4/3

Left: -23.088+/-27.455 χ^2/NDF: 2.4/8

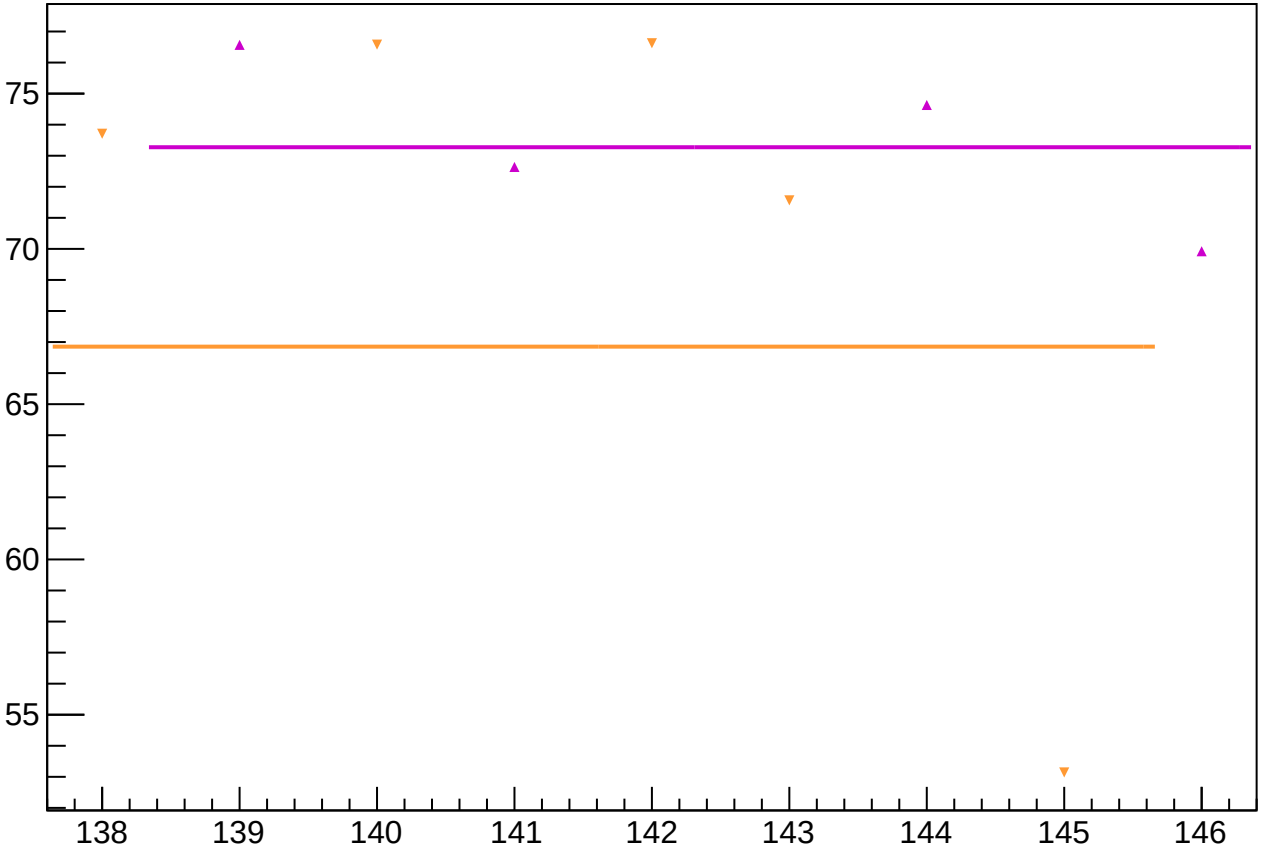
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -35.226+/-41.044 χ^2/NDF:1.4/3

Out: -13.259+/-36.933 χ^2/NDF:0.8/4

All: -23.088+/-27.455 χ^2/NDF: 2.4/8

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: 66.852+/-0.026 χ^2/NDF:155808.4/4

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

Left In: 73.274+/-0.029 χ^2/NDF:7172.7/3

Left: 69.725+/-0.019 χ^2/NDF: 190030.7/8

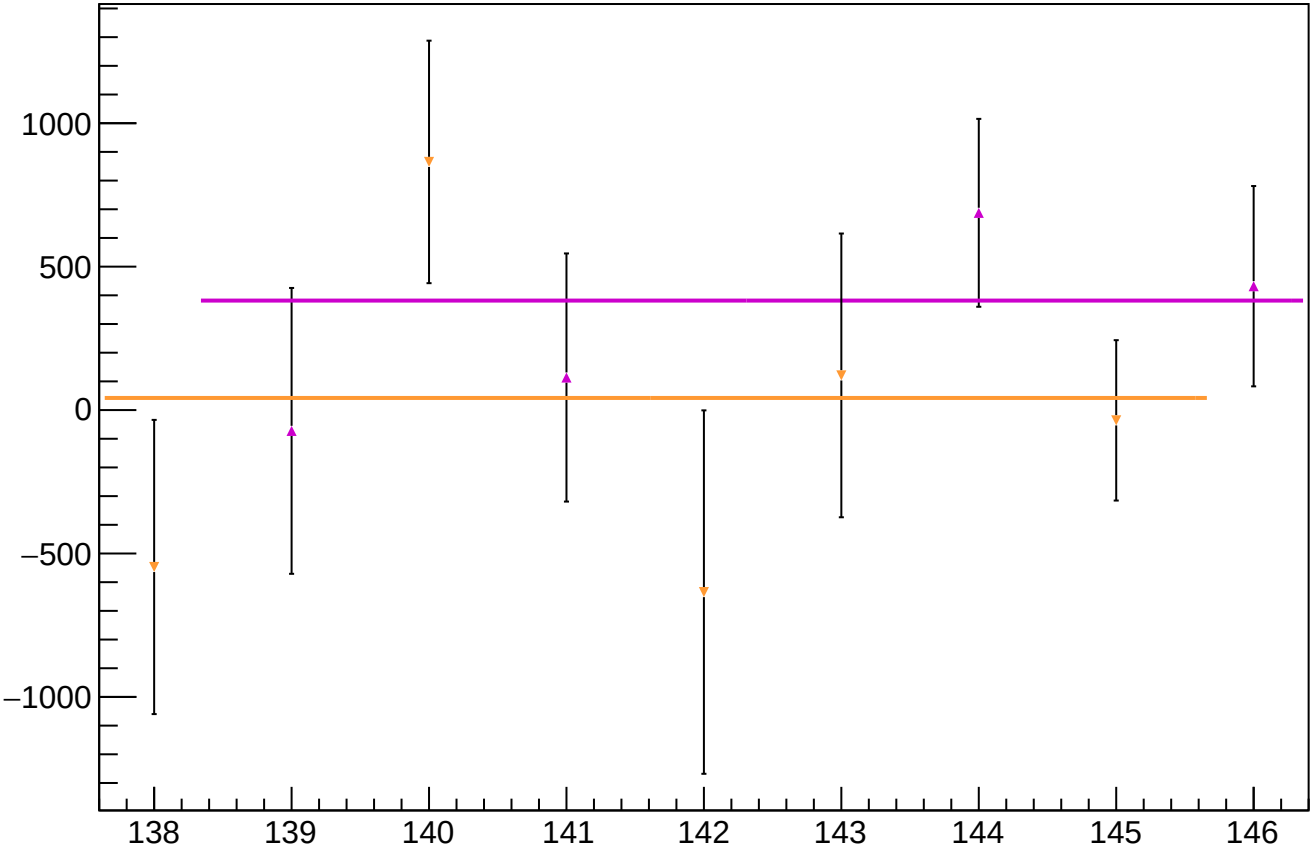
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 73.274+/-0.029 χ^2/NDF:7172.7/3

Out: 66.852+/-0.026 χ^2/NDF:155808.4/4

All: 69.725+/-0.019 χ^2/NDF: 190030.7/8

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: 42.241+/-186.414 χ^2/NDF:6.4/4

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

Left In: 381.694+/-192.814 χ^2/NDF:2.1/3

Left: 206.240+/-134.020 χ^2/NDF: 10.1/8

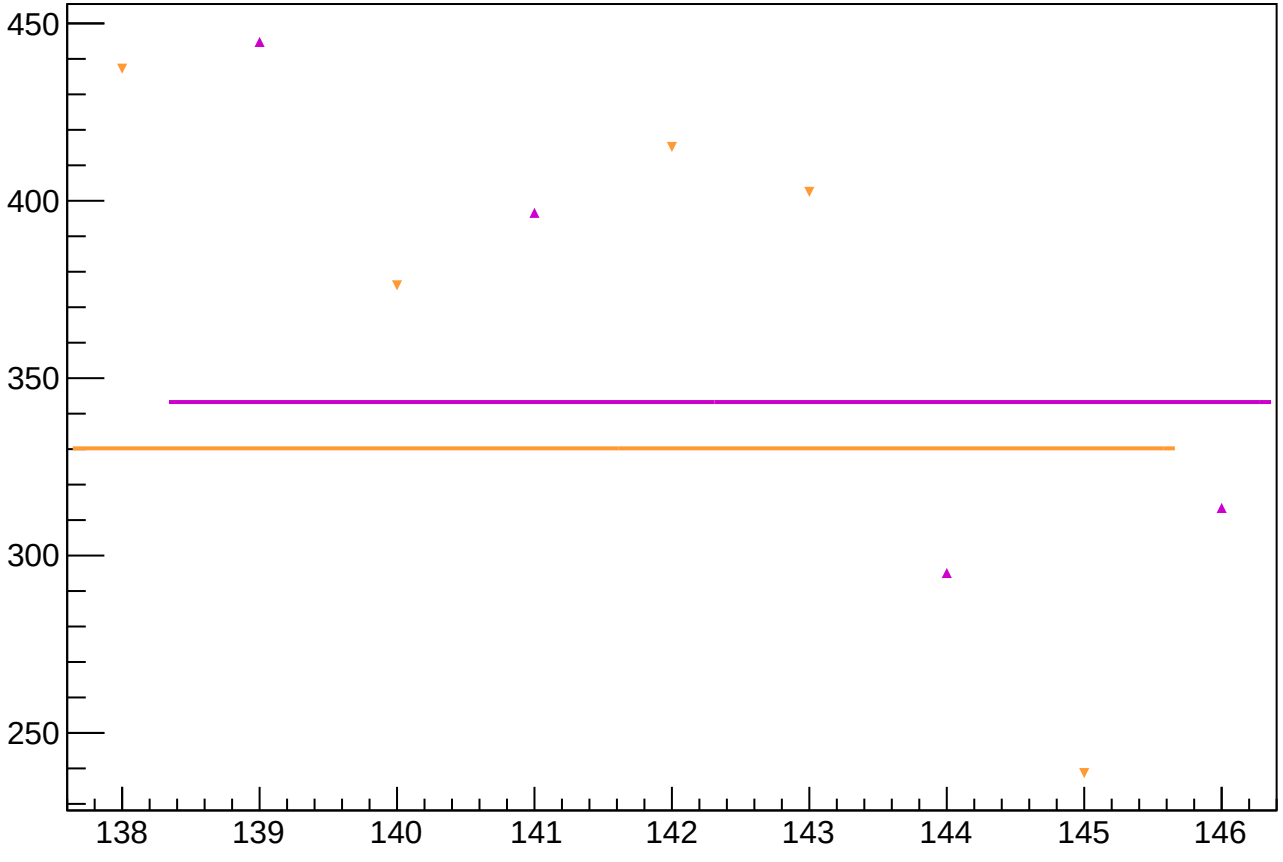
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 381.694+/-192.814 χ^2/NDF:2.1/3

Out: 42.241+/-186.414 χ^2/NDF:6.4/4

All: 206.240+/-134.020 χ^2/NDF: 10.1/8

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: 330.219+/-0.132 χ^2/NDF:403893.2/4

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

Left In: 343.272+/-0.136 χ^2/NDF:171325.3/3

Left: 336.525+/-0.095 χ^2/NDF: 579956.2/8

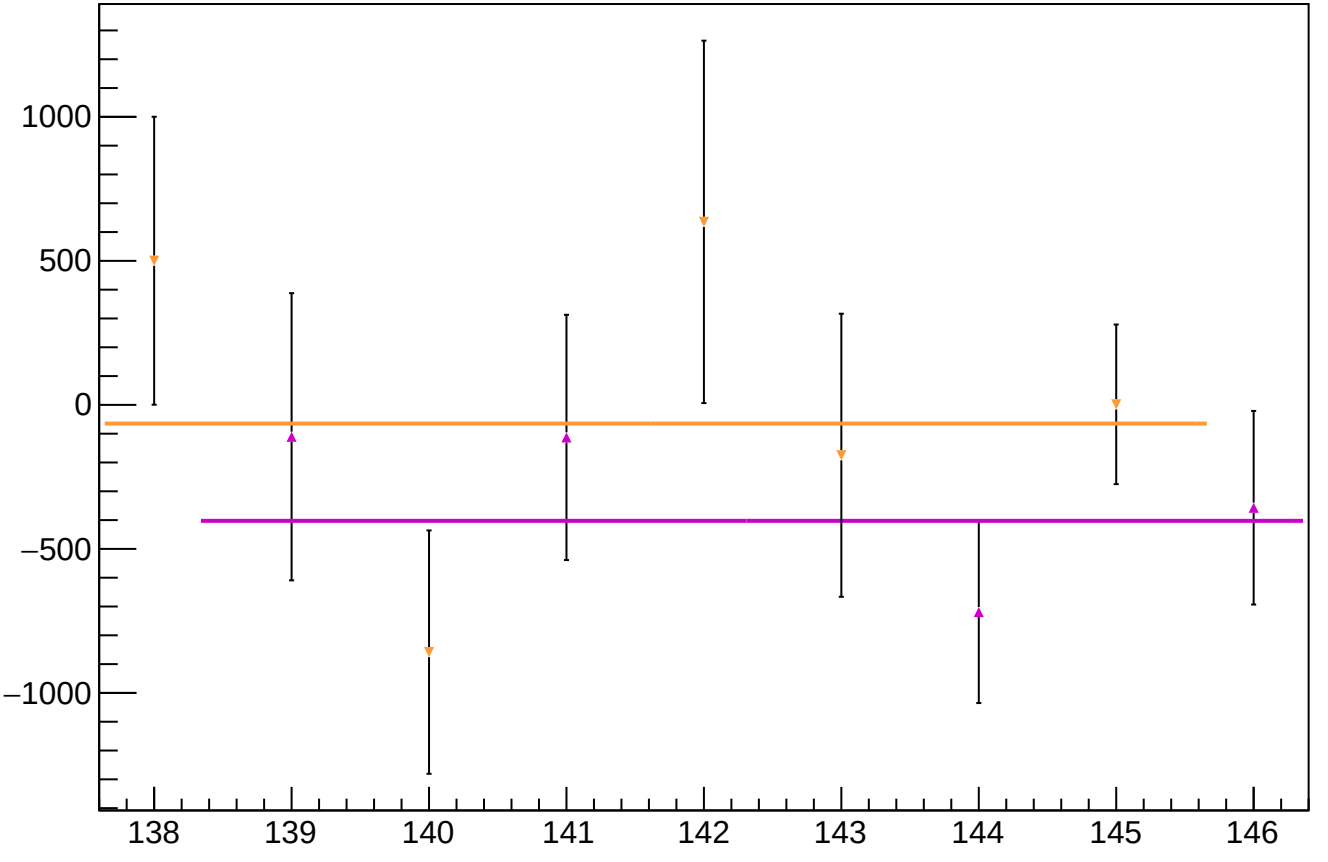
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 343.272+/-0.136 χ^2/NDF:171325.3/3

Out: 330.219+/-0.132 χ^2/NDF:403893.2/4

All: 336.525+/-0.095 χ^2/NDF: 579956.2/8

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -64.881+/-184.759 χ^2/NDF:6.2/4

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

Left In: -402.567+/-187.586 χ^2/NDF:1.8/3

Left: -231.161+/-131.633 χ^2/NDF: 9.6/8

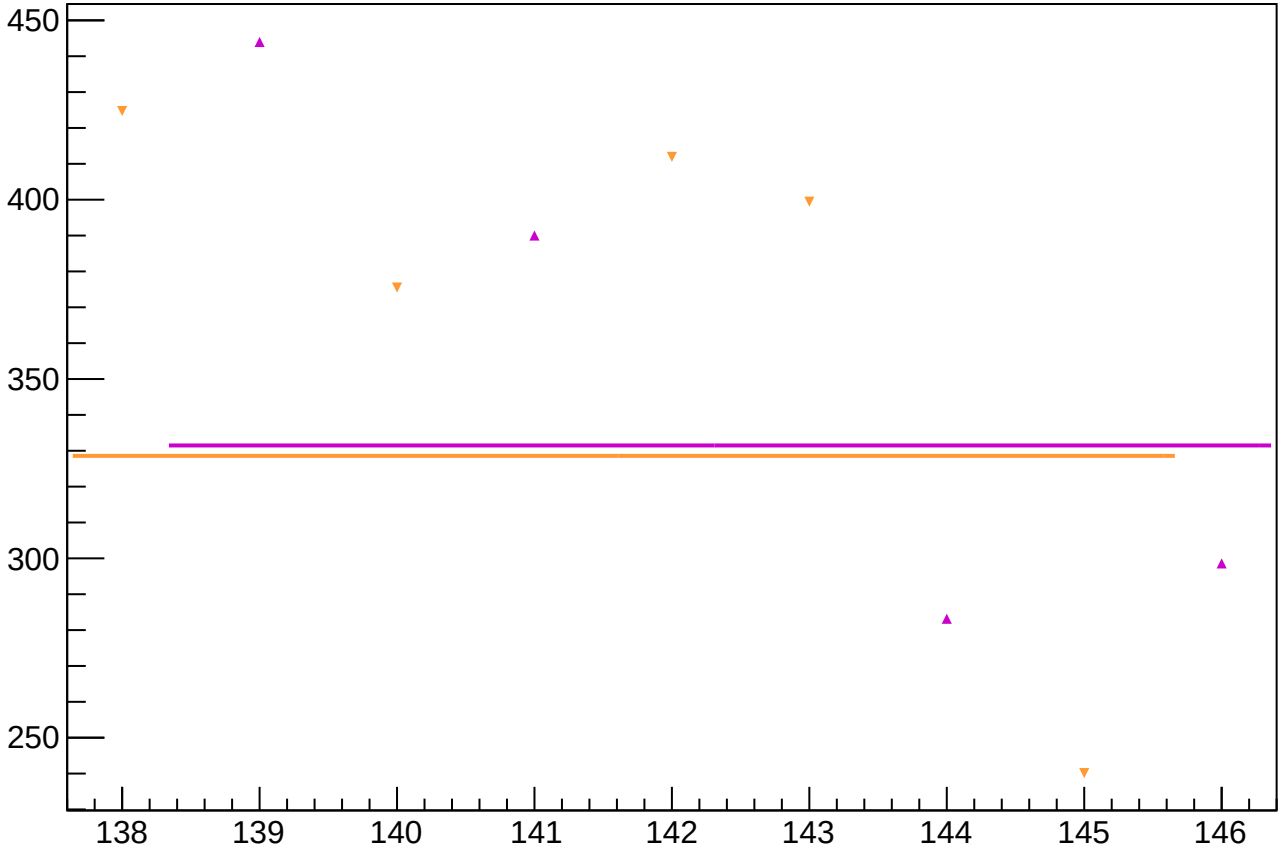
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -402.567+/-187.586 χ^2/NDF:1.8/3

Out: -64.881+/-184.759 χ^2/NDF:6.2/4

All: -231.161+/-131.633 χ^2/NDF: 9.6/8

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 328.578+/-0.131 χ^2/NDF:379092.1/4

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

Left In: 331.480+/-0.133 χ^2/NDF:205601.6/3

Left: 330.007+/-0.093 χ^2/NDF: 584936.8/8

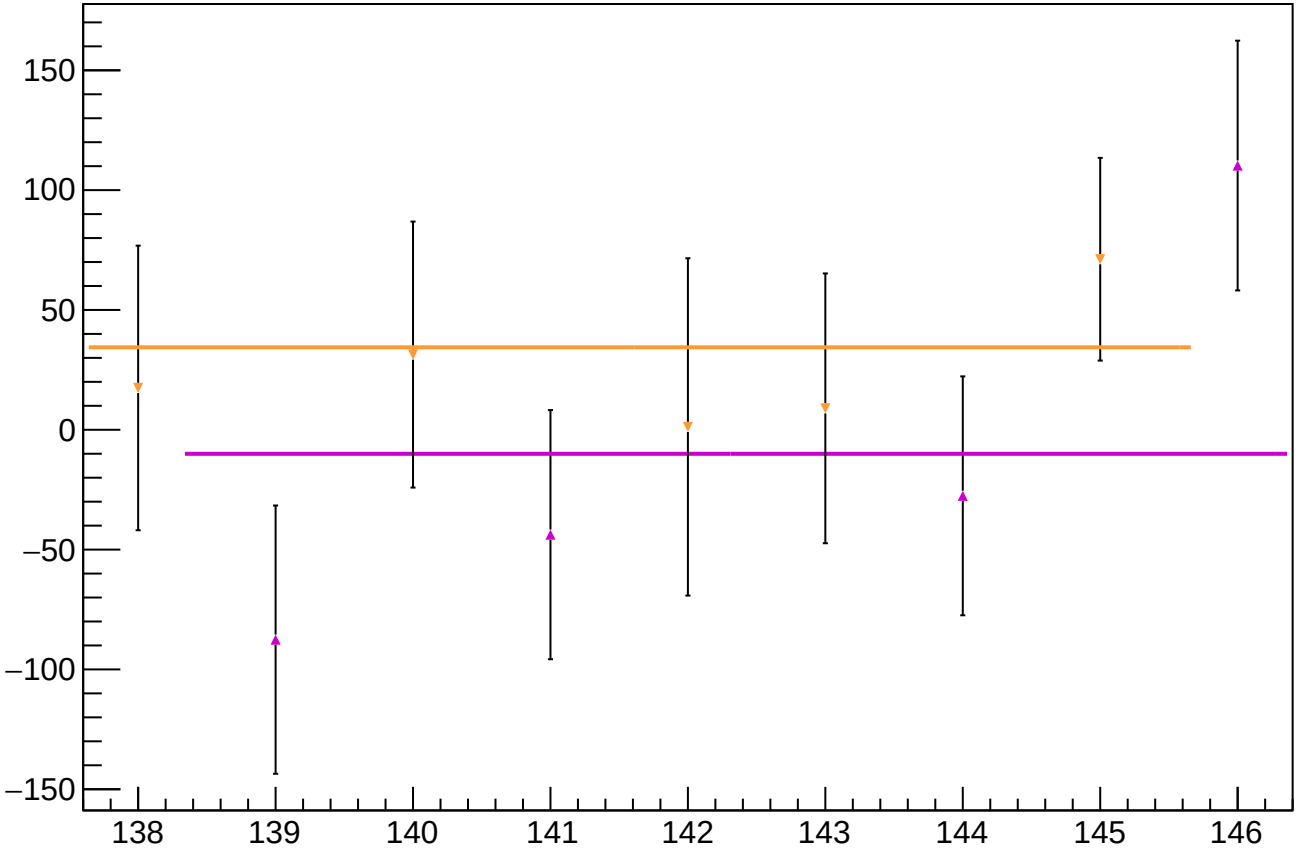
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 331.480+/-0.133 χ^2/NDF:205601.6/3

Out: 328.578+/-0.131 χ^2/NDF:379092.1/4

All: 330.007+/-0.093 χ^2/NDF: 584936.8/8

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: 34.421+/-24.363 χ^2/NDF:1.3/4

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

Left In: -10.021+/-26.172 χ^2/NDF:7.8/3

Left: 13.789+/-17.833 χ^2/NDF: 10.6/8

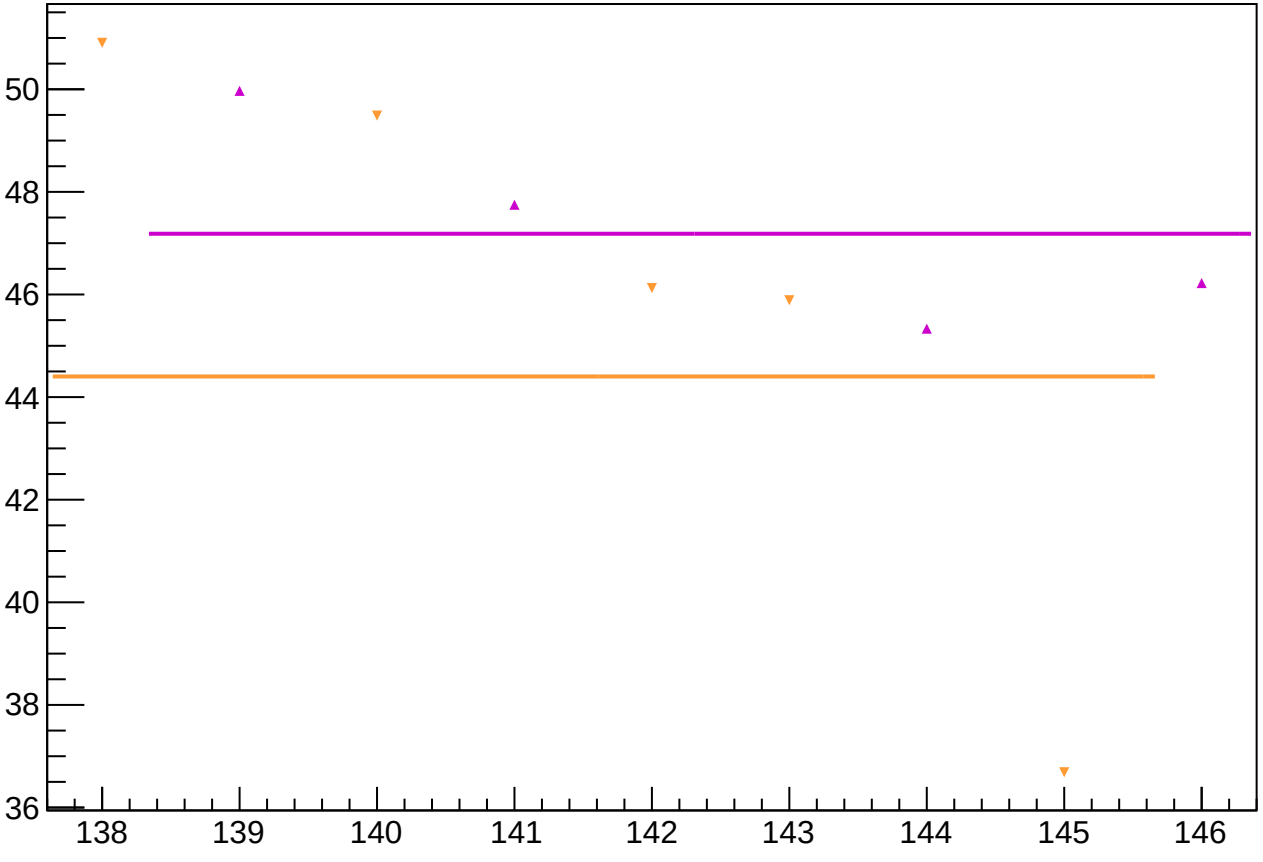
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.021+/-26.172 χ^2/NDF:7.8/3

Out: 34.421+/-24.363 χ^2/NDF:1.3/4

All: 13.789+/-17.833 χ^2/NDF: 10.6/8

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 44.402+/-0.017 χ^2/NDF:109916.0/4

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

Left In: 47.184+/-0.019 χ^2/NDF:8624.5/3

Left: 45.694+/-0.013 χ^2/NDF: 130648.7/8

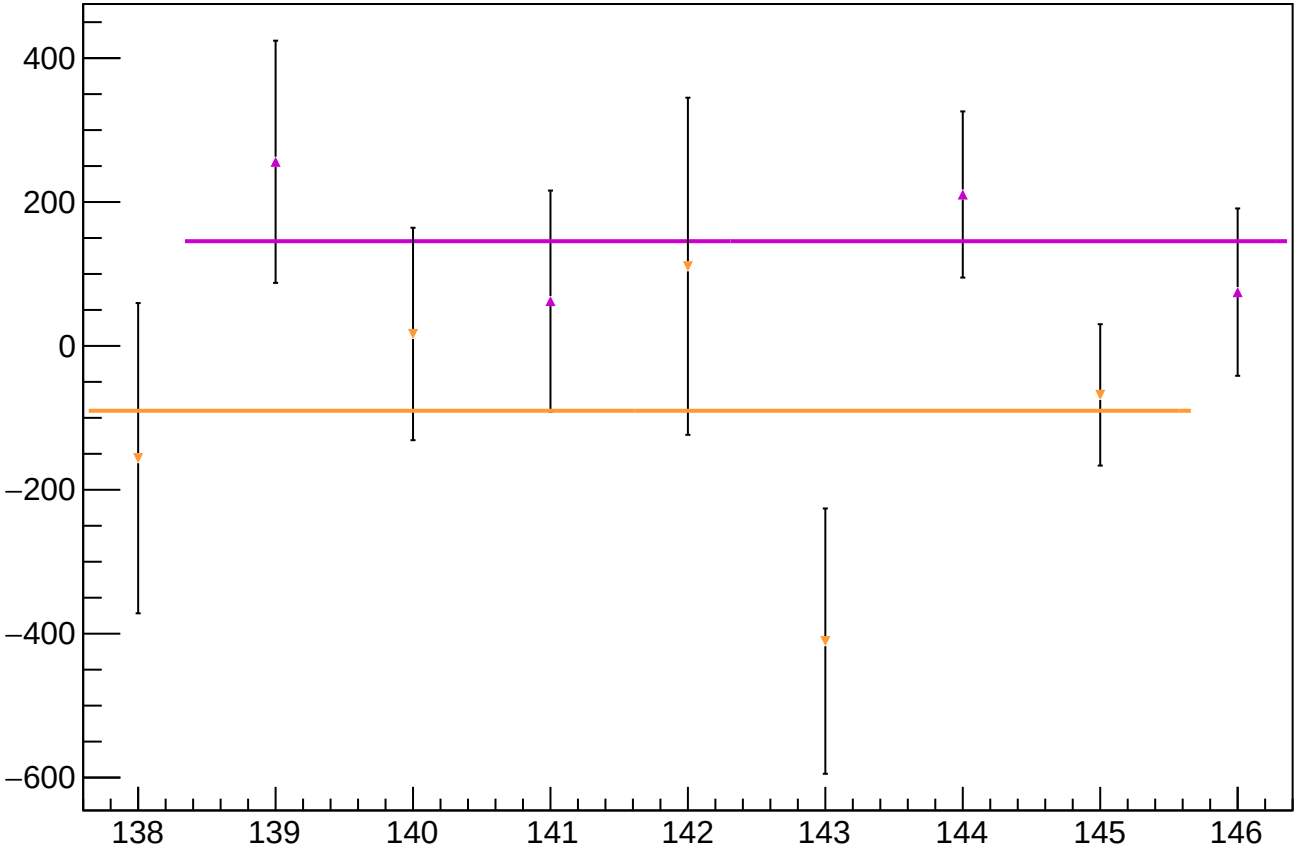
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 47.184+/-0.019 χ^2/NDF:8624.5/3

Out: 44.402+/-0.017 χ^2/NDF:109916.0/4

All: 45.694+/-0.013 χ^2/NDF: 130648.7/8

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: -90.120+/-67.636 χ^2/NDF:4.4/4

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

Left In: 145.564+/-66.433 χ^2/NDF:1.4/3

Left: 29.836+/-47.395 χ^2/NDF: 12.0/8

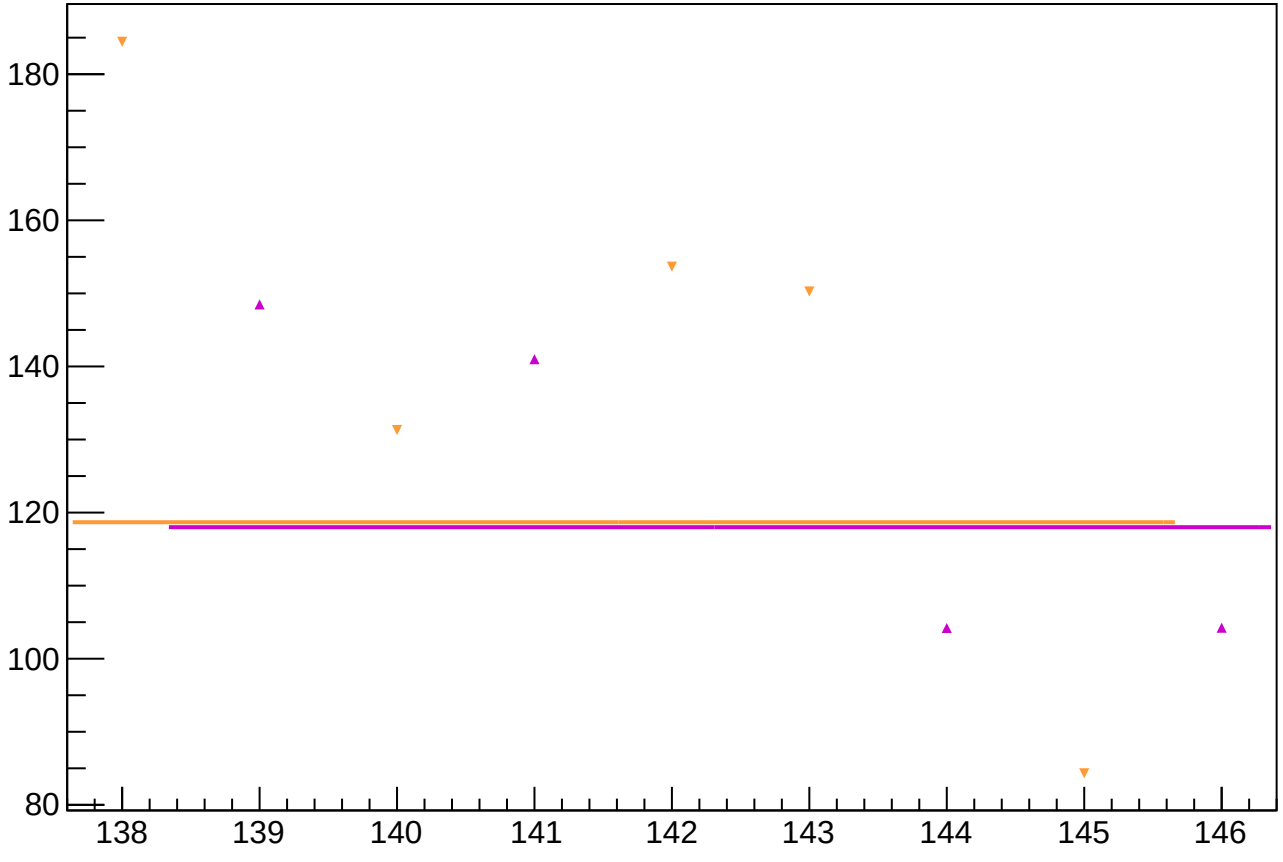
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 145.564+/-66.433 χ^2/NDF:1.4/3

Out: -90.120+/-67.636 χ^2/NDF:4.4/4

All: 29.836+/-47.395 χ^2/NDF: 12.0/8

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: 118.681+/-0.048 χ^2/NDF:548432.8/4

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

Left In: 118.001+/-0.047 χ^2/NDF:166966.2/3

Left: 118.335+/-0.034 χ^2/NDF: 715501.8/8

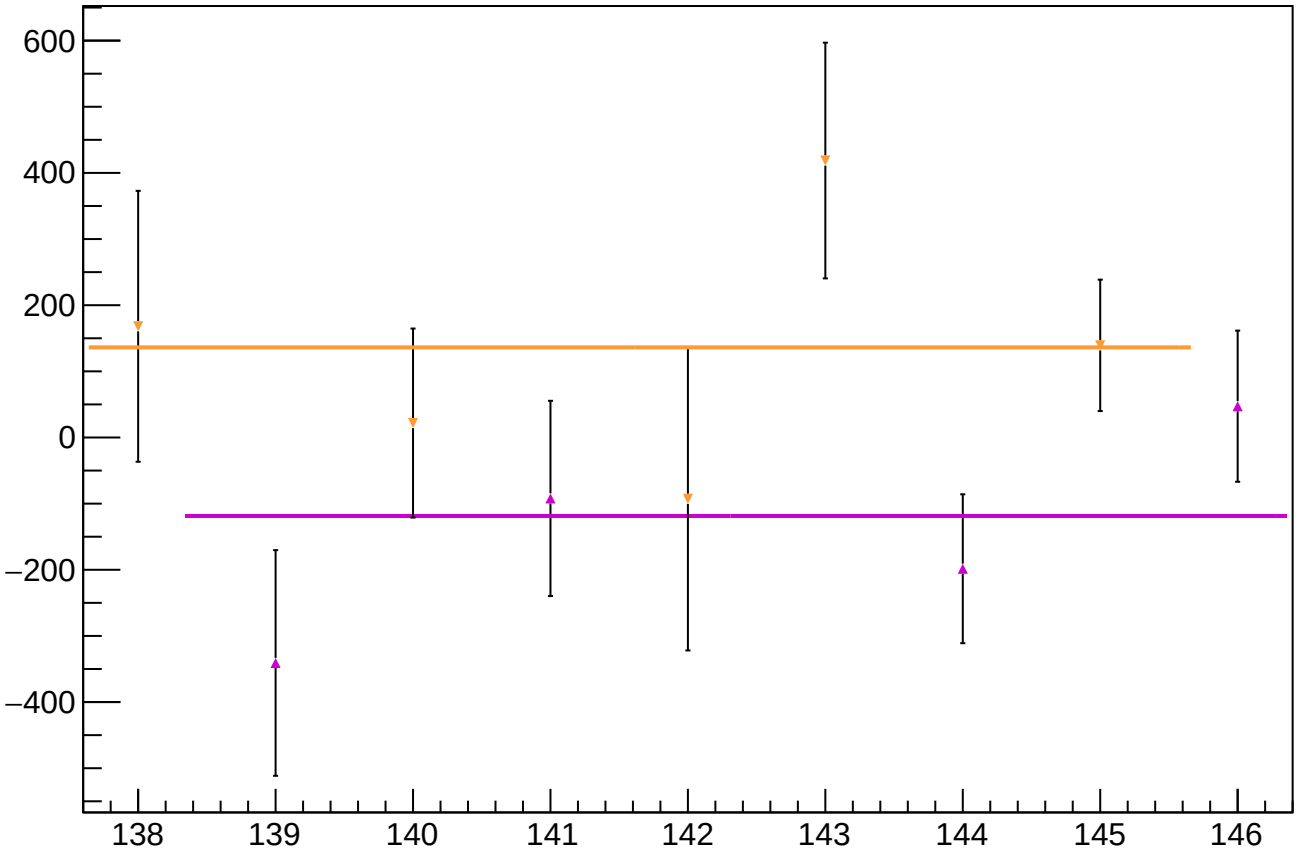
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 118.001+/-0.047 χ^2/NDF:166966.2/3

Out: 118.681+/-0.048 χ^2/NDF:548432.8/4

All: 118.335+/-0.034 χ^2/NDF: 715501.8/8

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 136.268+/-66.711 χ^2/NDF:4.2/4

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

Left In: -118.653+/-65.119 χ^2/NDF:4.3/3

Left: 5.730+/-46.599 χ^2/NDF: 16.0/8

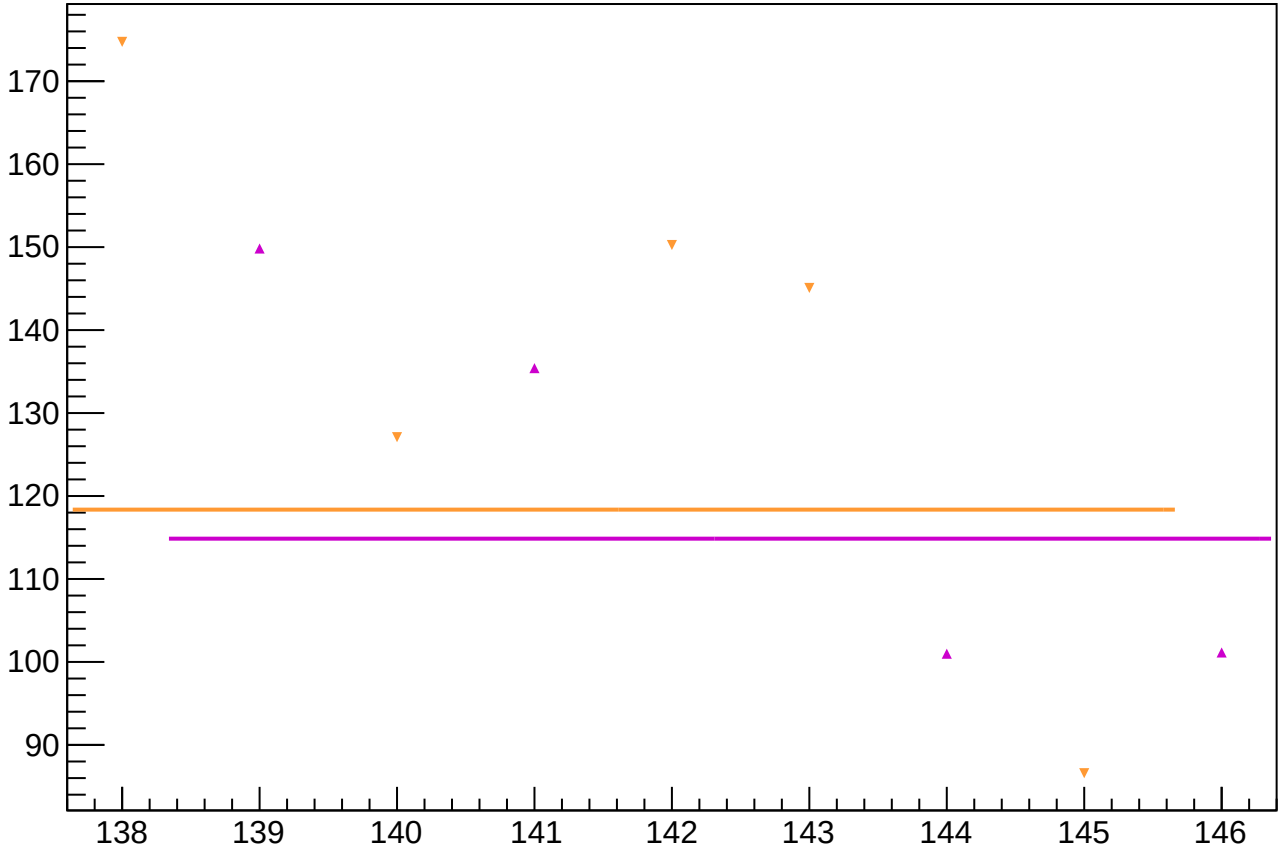
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -118.653+/-65.119 χ^2/NDF:4.3/3

Out: 136.268+/-66.711 χ^2/NDF:4.2/4

All: 5.730+/-46.599 χ^2/NDF: 16.0/8

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 118.359+/-0.047 χ^2/NDF:447379.6/4

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

Left In: 114.859+/-0.046 χ^2/NDF:182045.1/3

Left: 116.567+/-0.033 χ^2/NDF: 632243.9/8

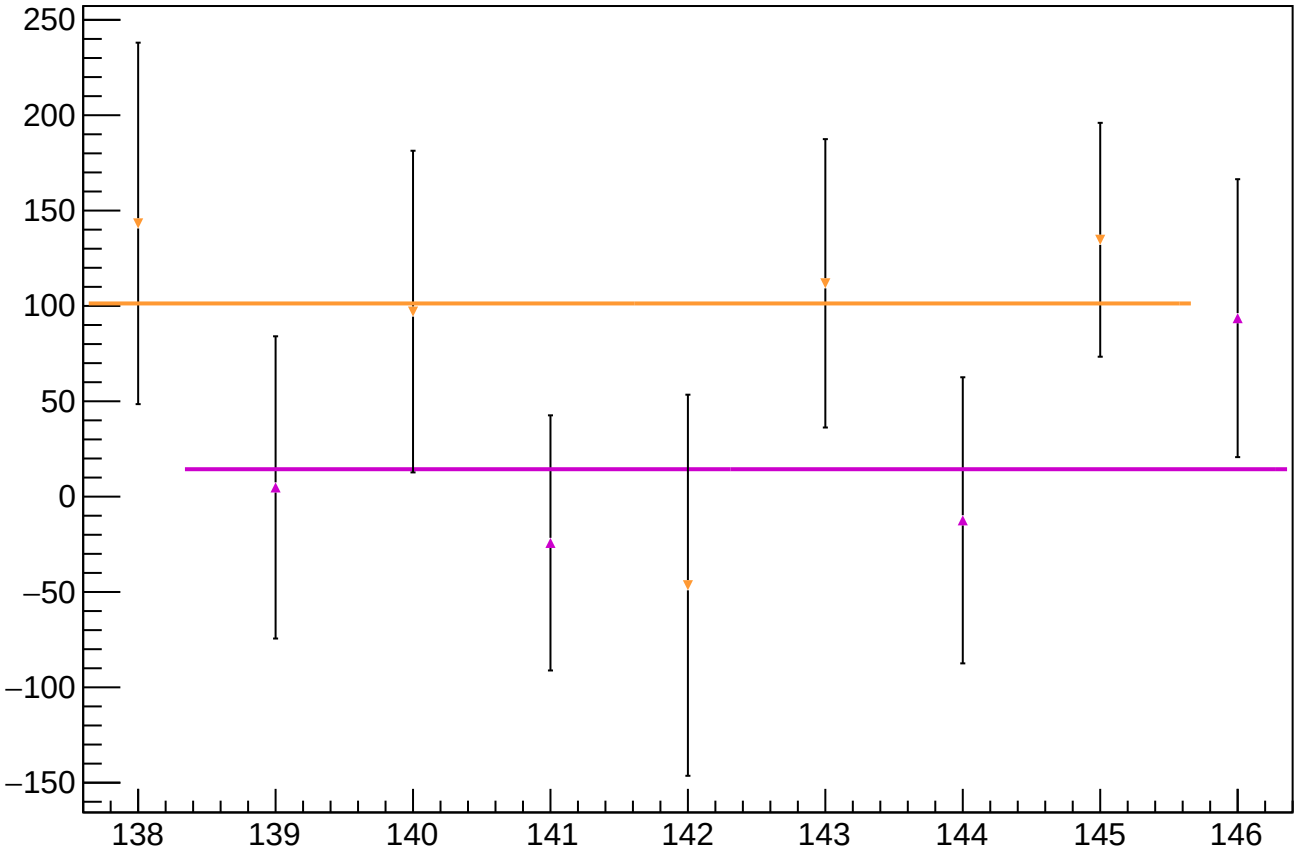
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 114.859+/-0.046 χ^2/NDF:182045.1/3

Out: 118.359+/-0.047 χ^2/NDF:447379.6/4

All: 116.567+/-0.033 χ^2/NDF: 632243.9/8

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 101.298+/-35.511 χ^2/NDF:2.7/4

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

Left In: 14.380+/-36.544 χ^2/NDF:1.7/3

Left: 59.086+/-25.467 χ^2/NDF: 7.3/8

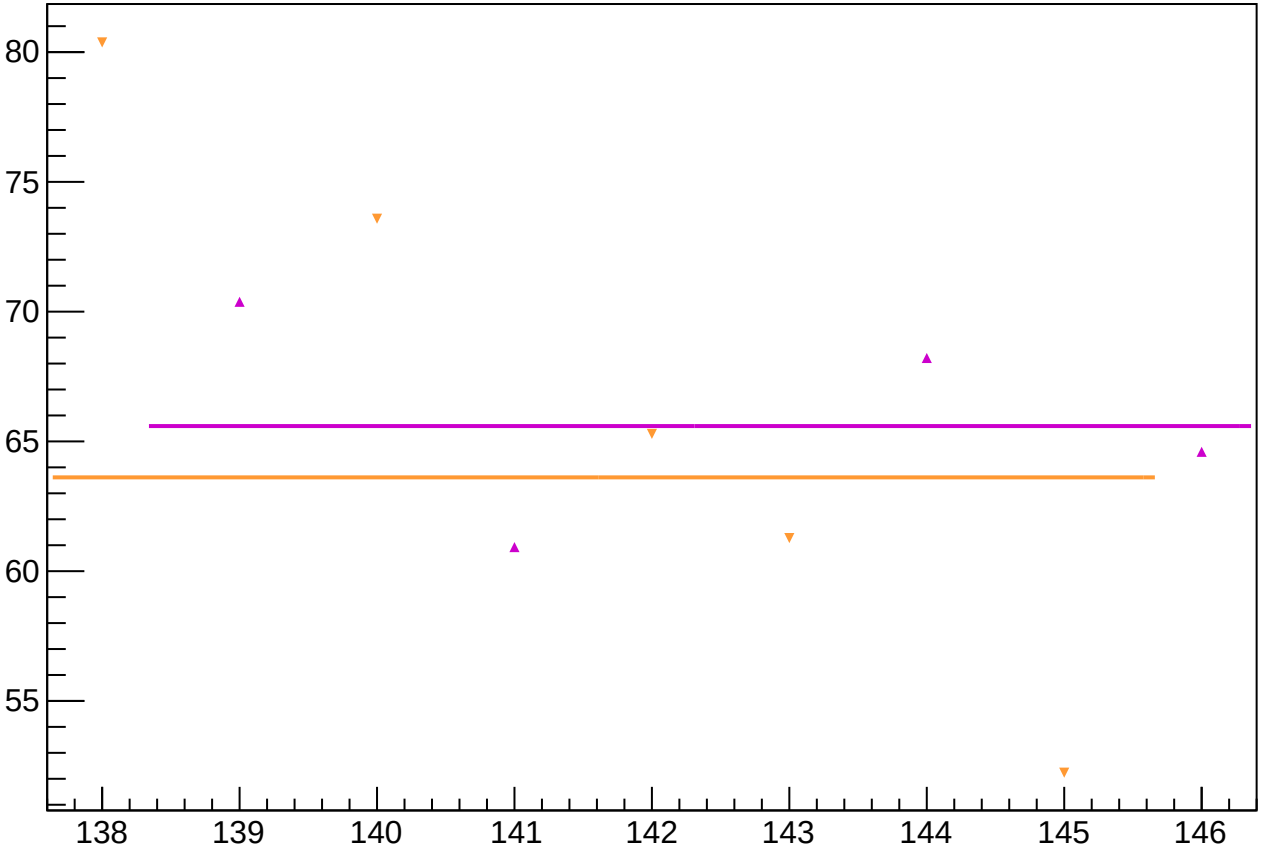
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 14.380+/-36.544 χ^2/NDF:1.7/3

Out: 101.298+/-35.511 χ^2/NDF:2.7/4

All: 59.086+/-25.467 χ^2/NDF: 7.3/8

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 63.614+/-0.025 χ^2/NDF:161828.2/4

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

Left In: 65.591+/-0.026 χ^2/NDF:19841.8/3

Left: 64.575+/-0.018 χ^2/NDF: 184680.5/8

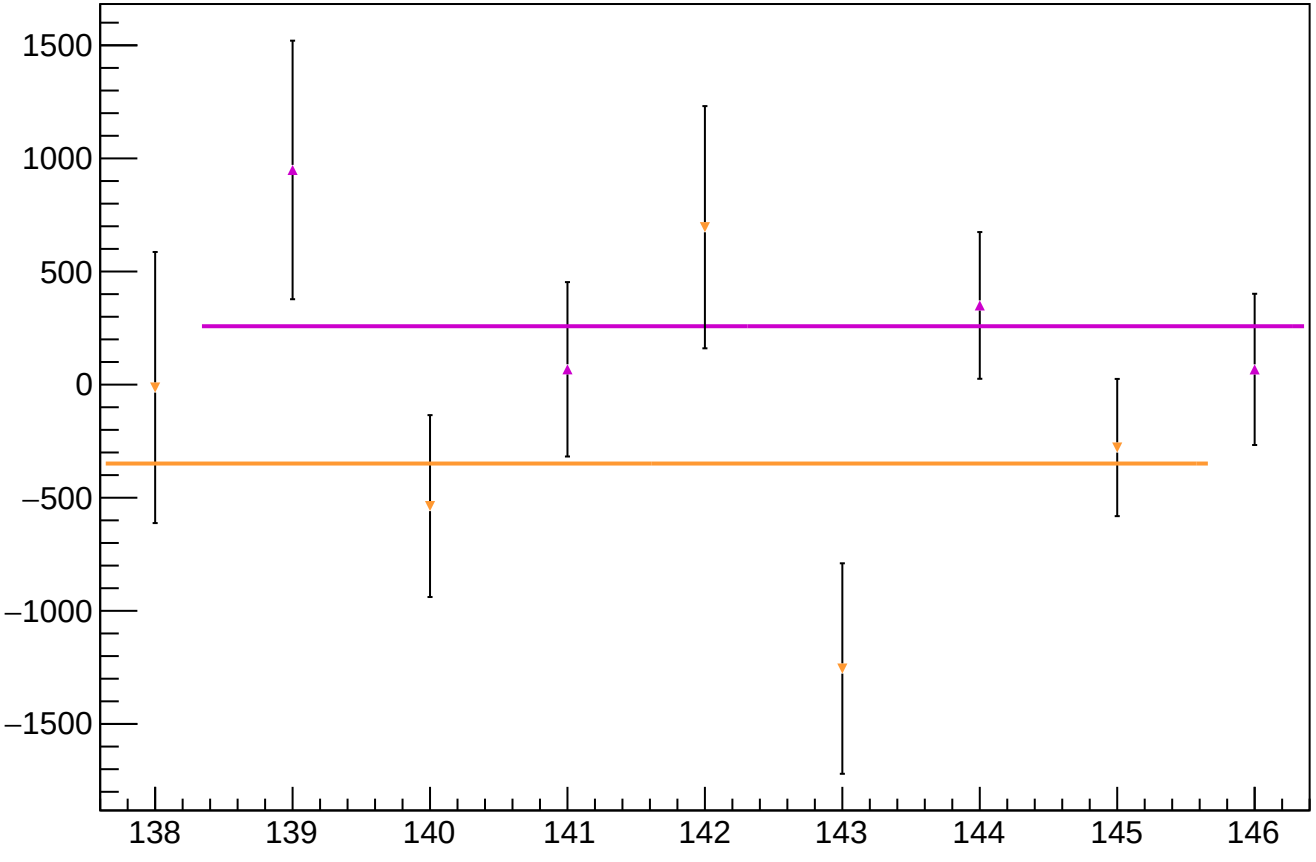
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.591+/-0.026 χ^2/NDF:19841.8/3

Out: 63.614+/-0.025 χ^2/NDF:161828.2/4

All: 64.575+/-0.018 χ^2/NDF: 184680.5/8

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -348.843+/-189.148 χ^2/NDF:8.2/4

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

Left In: 258.149+/-188.145 χ^2/NDF:2.1/3

Left: -43.734+/-133.392 χ^2/NDF: 15.5/8

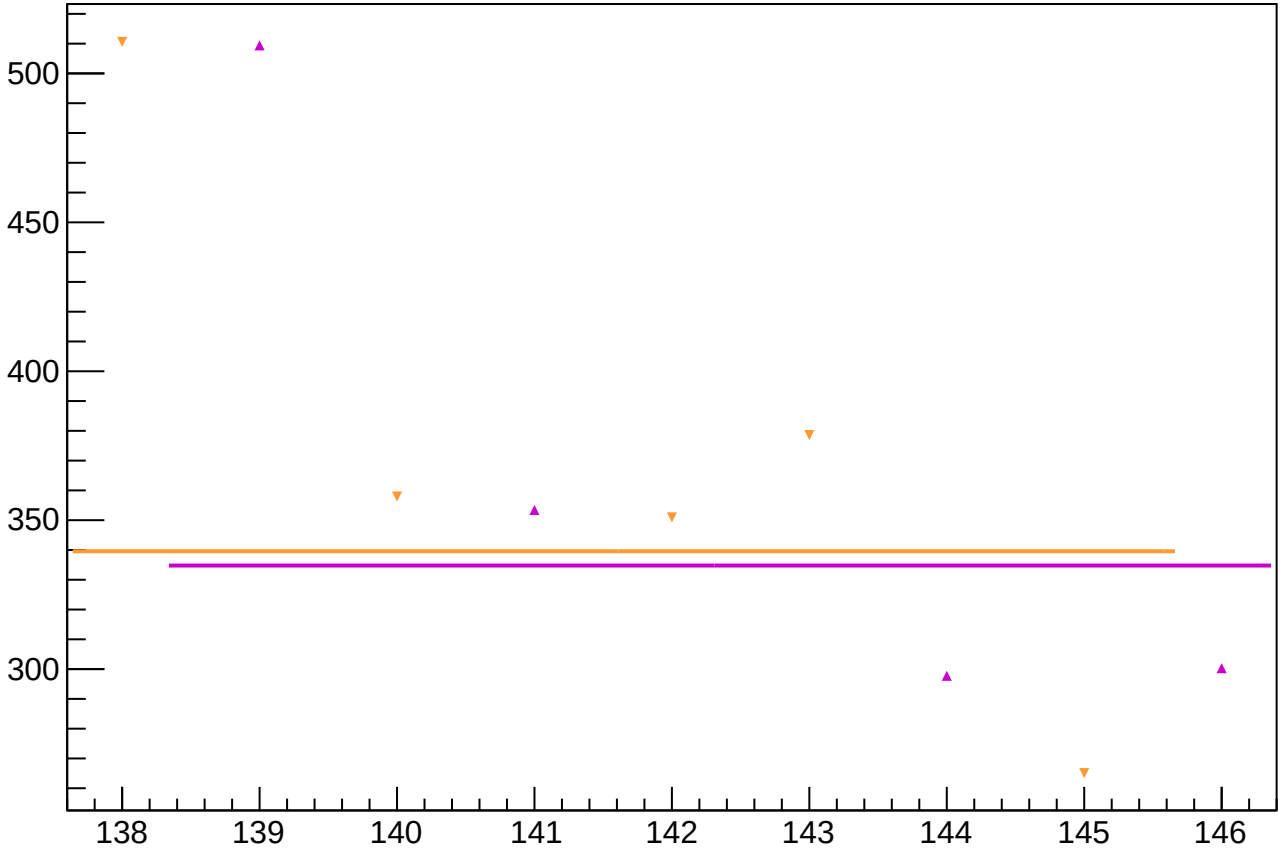
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 258.149+/-188.145 χ^2/NDF:2.1/3

Out: -348.843+/-189.148 χ^2/NDF:8.2/4

All: -43.734+/-133.392 χ^2/NDF: 15.5/8

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 339.561+/-0.134 χ^2/NDF:302718.5/4

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

Left In: 334.775+/-0.133 χ^2/NDF:238796.5/3

Left: 337.155+/-0.094 χ^2/NDF: 542158.9/8

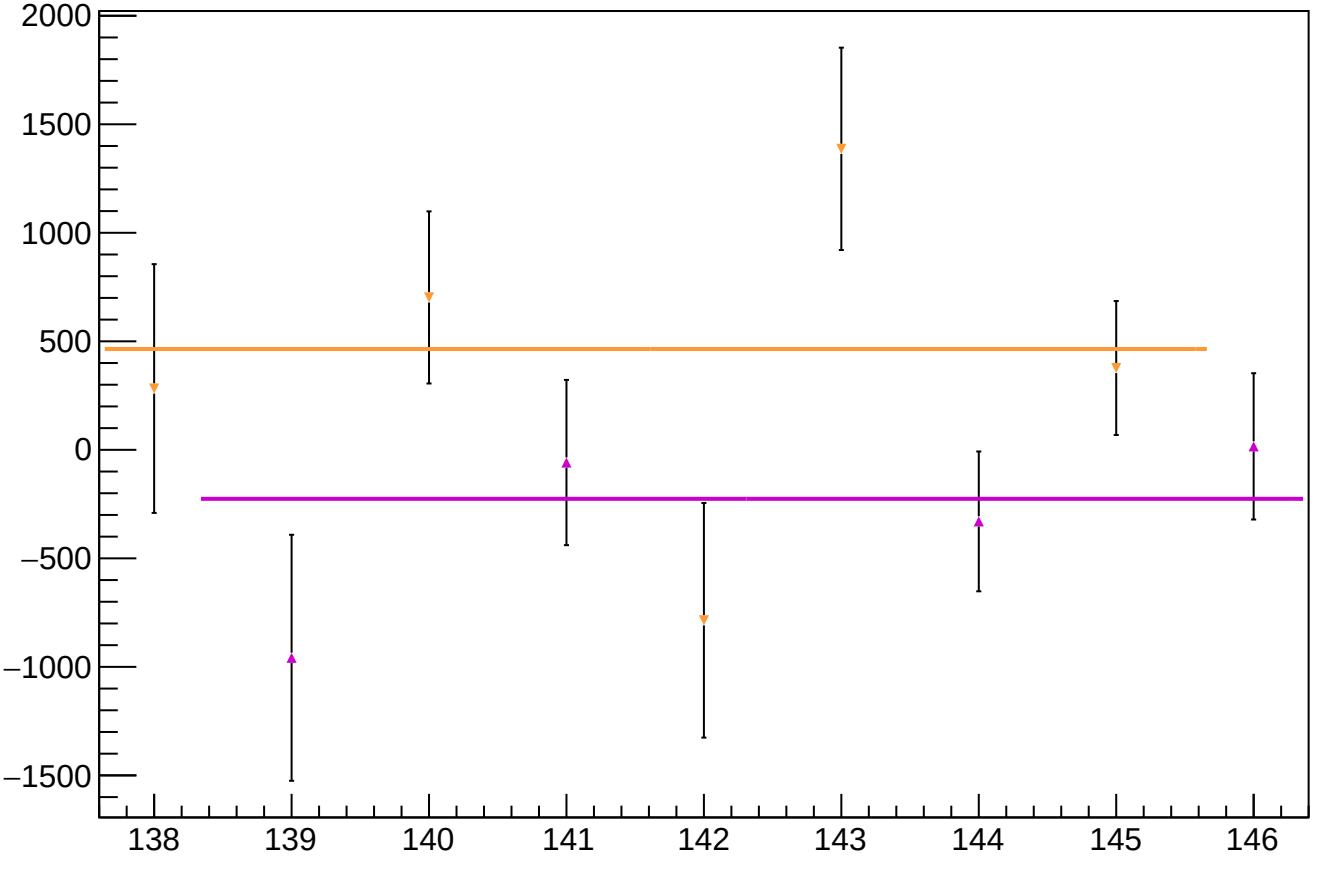
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 334.775+/-0.133 χ^2/NDF:238796.5/3

Out: 339.561+/-0.134 χ^2/NDF:302718.5/4

All: 337.155+/-0.094 χ^2/NDF: 542158.9/8

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 464.679+/-189.219 χ^2/NDF:9.8/4

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

Left In: -225.731+/-187.480 χ^2/NDF:2.5/3

Left: 116.287+/-133.179 χ^2/NDF: 19.0/8

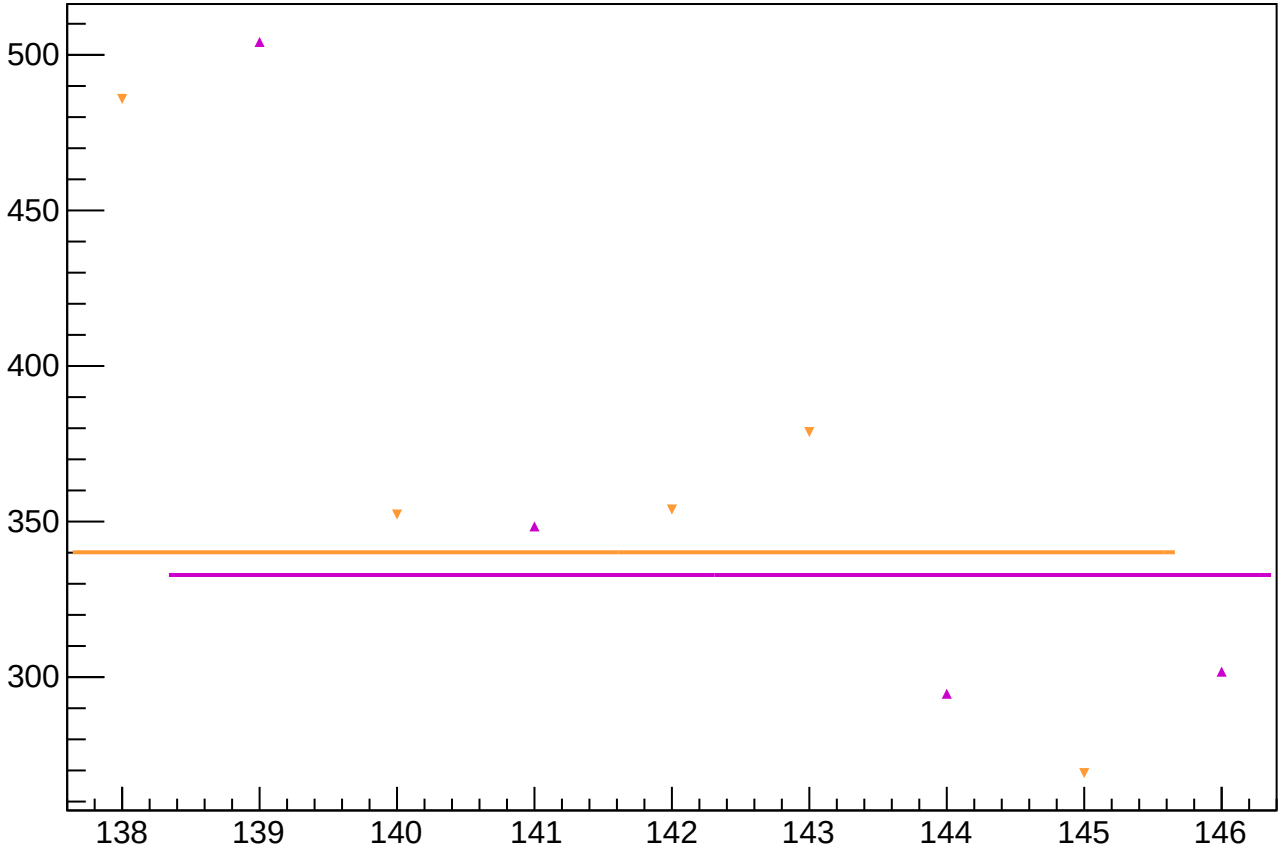
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -225.731+/-187.480 χ^2/NDF:2.5/3

Out: 464.679+/-189.219 χ^2/NDF:9.8/4

All: 116.287+/-133.179 χ^2/NDF: 19.0/8

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 340.129+/-0.134 χ^2/NDF:251986.2/4

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

Left In: 332.827+/-0.133 χ^2/NDF:231188.7/3

Left: 336.444+/-0.094 χ^2/NDF: 484677.6/8

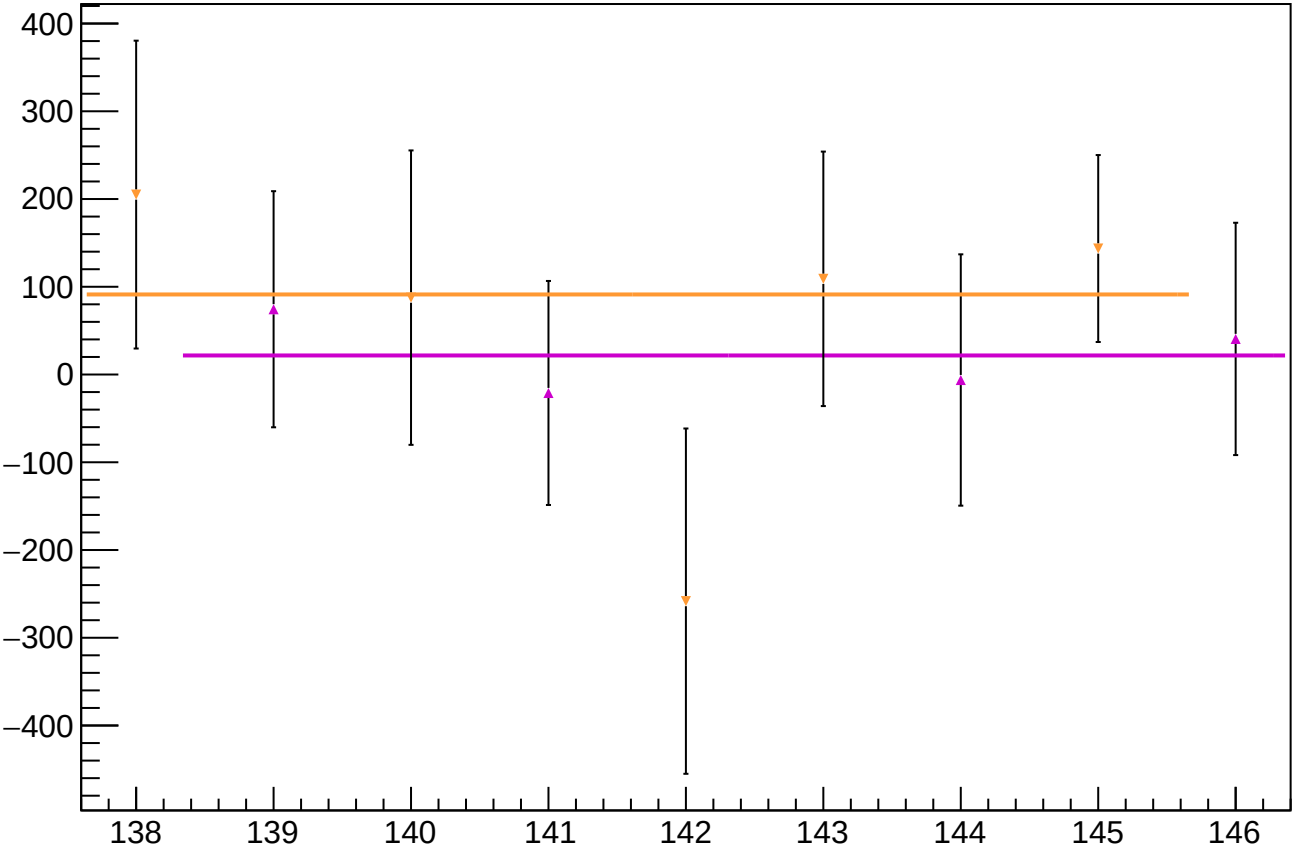
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 332.827+/-0.133 χ^2/NDF:231188.7/3

Out: 340.129+/-0.134 χ^2/NDF:251986.2/4

All: 336.444+/-0.094 χ^2/NDF: 484677.6/8

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 91.241+/-66.007 χ^2/NDF:3.8/4

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

Left In: 21.714+/-67.052 χ^2/NDF:0.3/3

Left: 57.023+/-47.039 χ^2/NDF: 4.7/8

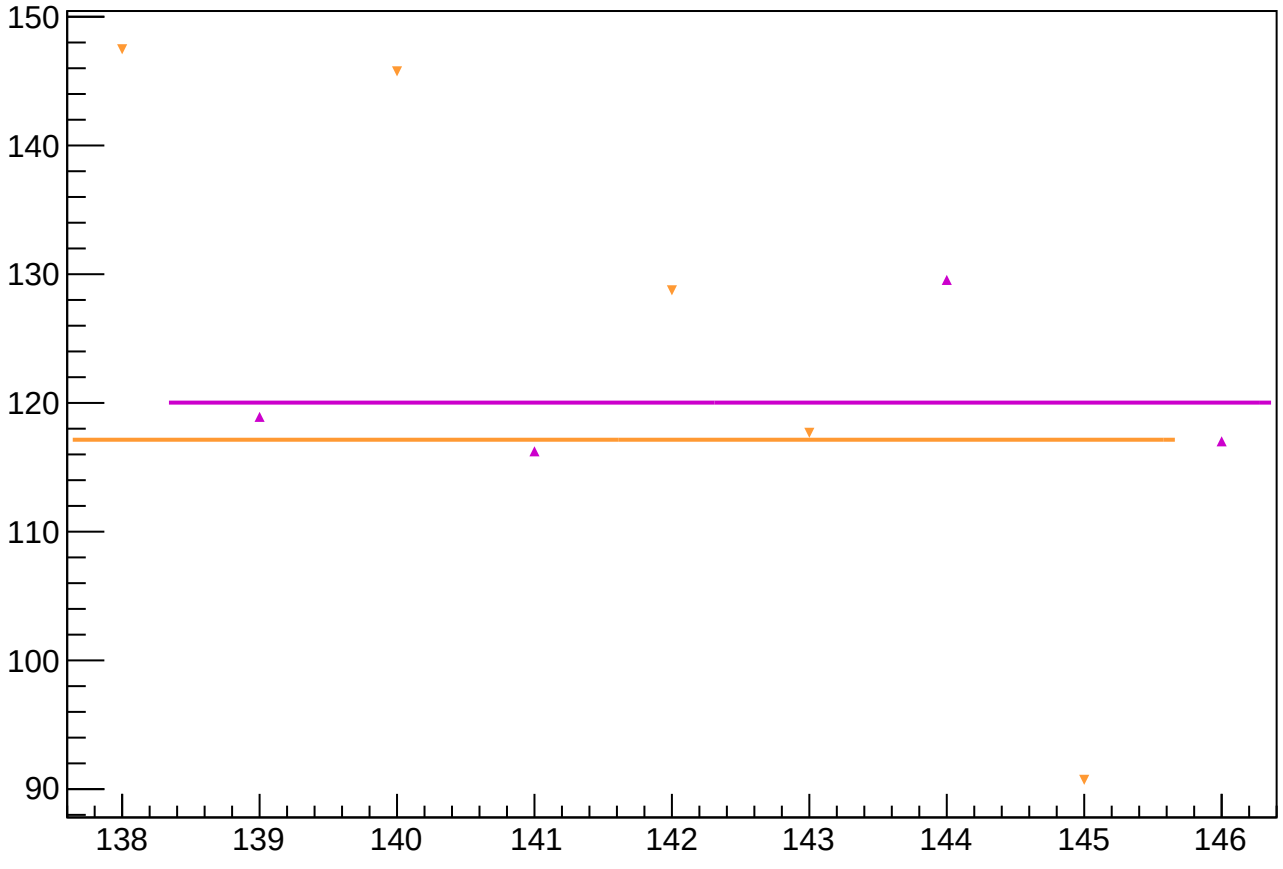
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 21.714+/-67.052 χ^2/NDF:0.3/3

Out: 91.241+/-66.007 χ^2/NDF:3.8/4

All: 57.023+/-47.039 χ^2/NDF: 4.7/8

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 117.142+/-0.047 χ^2/NDF:247976.0/4

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

Left In: 120.025+/-0.047 χ^2/NDF:11782.3/3

Left: 118.561+/-0.033 χ^2/NDF: 261636.5/8

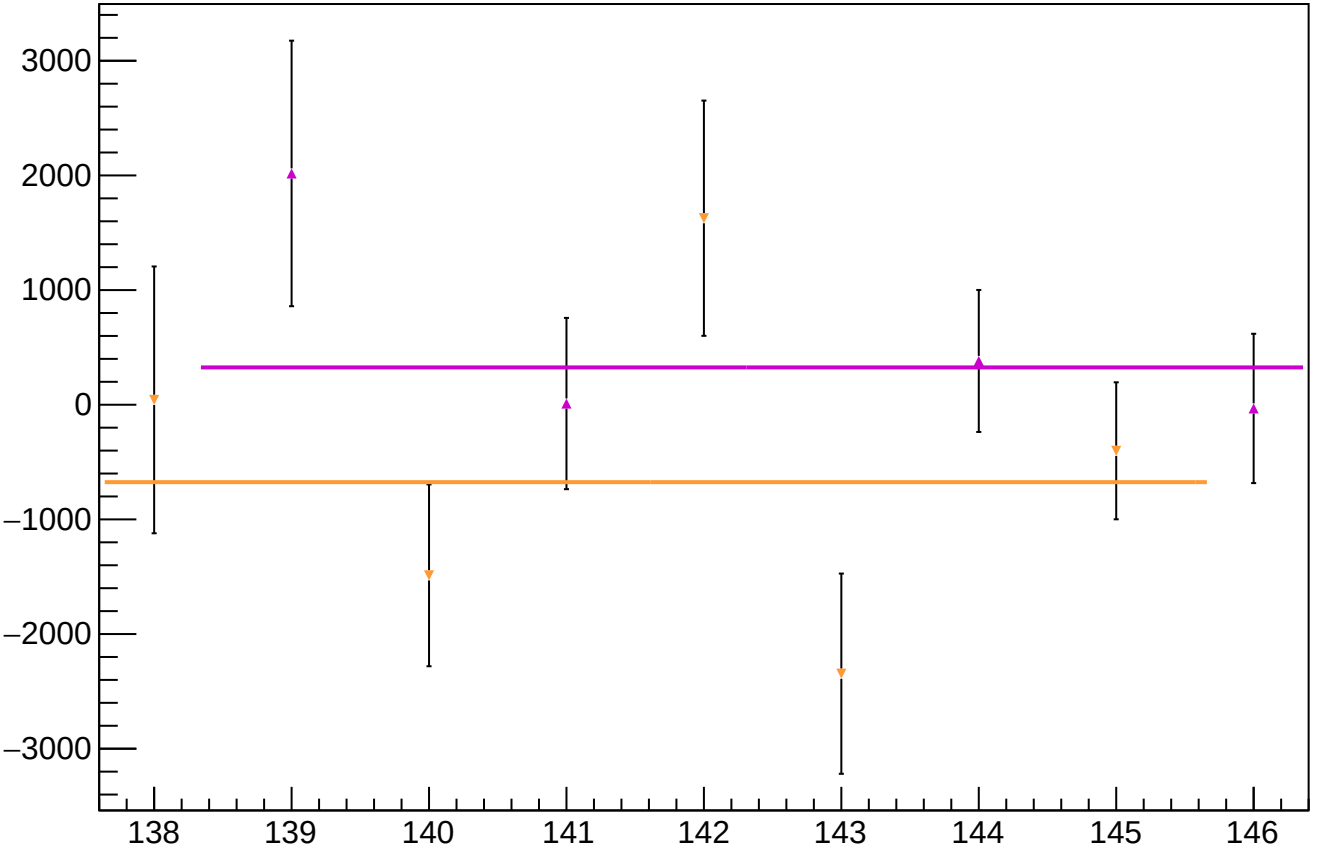
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 120.025+/-0.047 χ^2/NDF:11782.3/3

Out: 117.142+/-0.047 χ^2/NDF:247976.0/4

All: 118.561+/-0.033 χ^2/NDF: 261636.5/8

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -675.278+/-367.794 χ^2/NDF:10.3/4

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

Left In: 325.499+/-365.065 χ^2/NDF:2.6/3

Left: -171.163+/-259.100 χ^2/NDF: 16.7/8

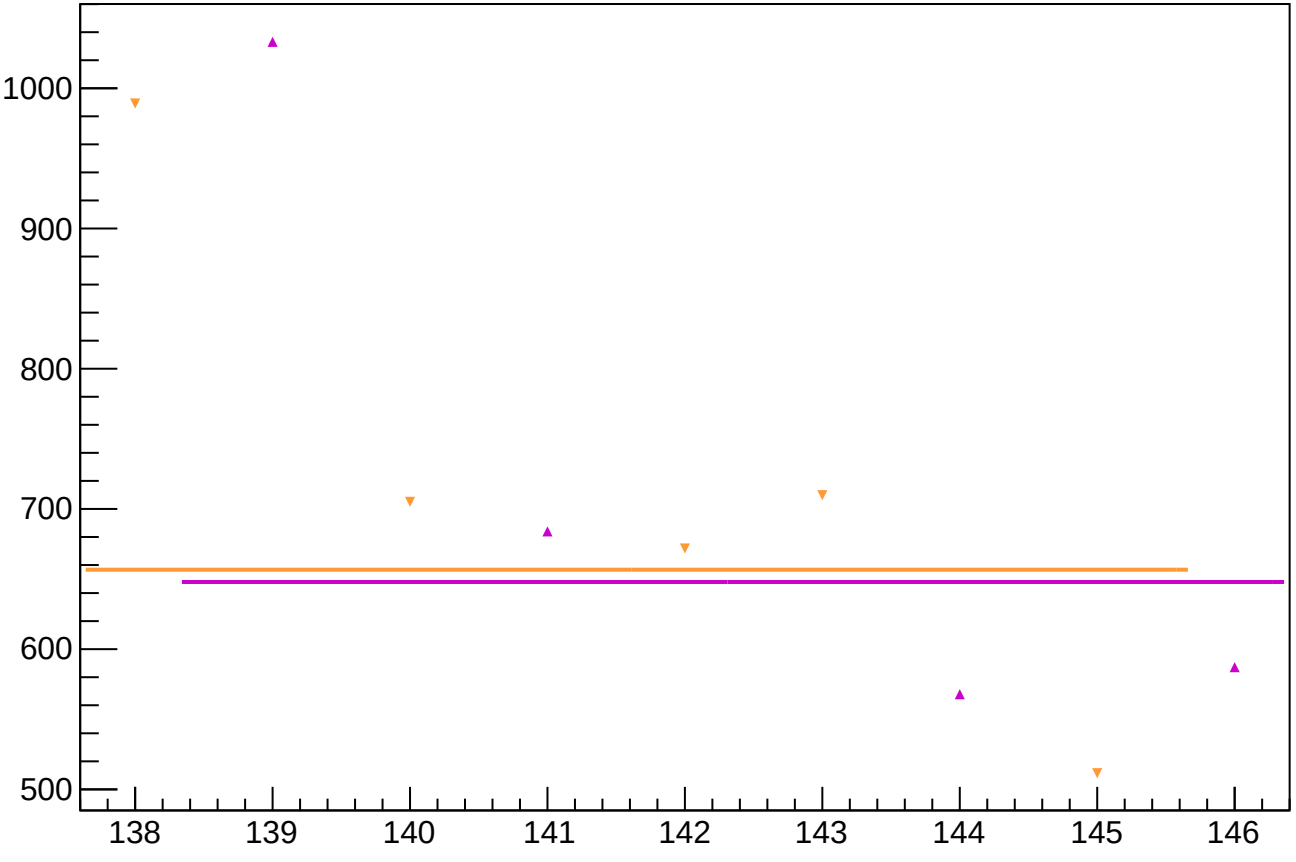
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 325.499+/-365.065 χ^2/NDF:2.6/3

Out: -675.278+/-367.794 χ^2/NDF:10.3/4

All: -171.163+/-259.100 χ^2/NDF: 16.7/8

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 656.669+/-0.260 χ^2/NDF:296613.5/4

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

Left In: 647.914+/-0.258 χ^2/NDF:276776.8/3

Left: 652.259+/-0.183 χ^2/NDF: 573961.0/8

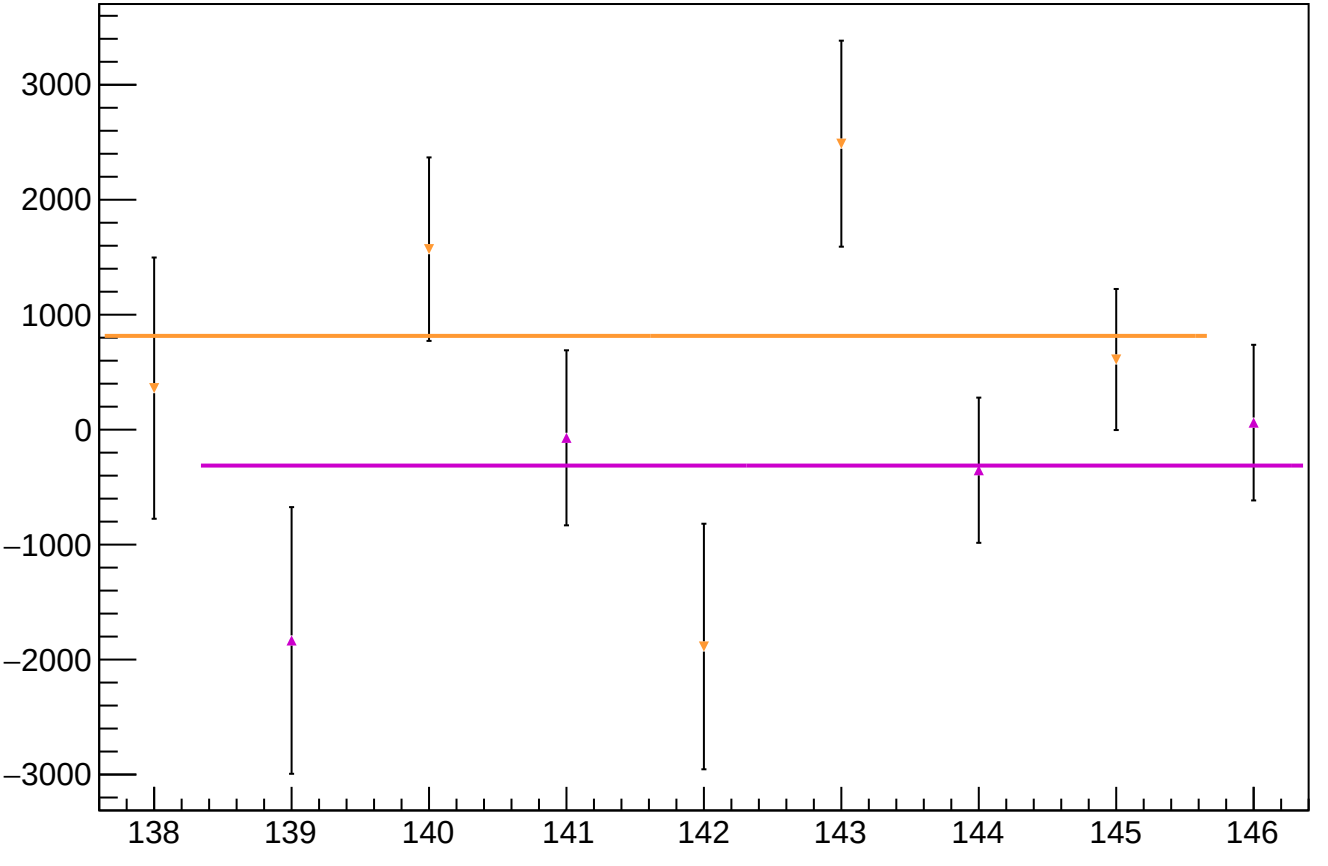
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 647.914+/-0.258 χ^2/NDF:276776.8/3

Out: 656.669+/-0.260 χ^2/NDF:296613.5/4

All: 652.259+/-0.183 χ^2/NDF: 573961.0/8

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 815.727+/-374.693 χ^2/NDF:11.0/4

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

Left In: -312.409+/-373.771 χ^2/NDF:2.1/3

Left: 250.268+/-264.621 χ^2/NDF: 17.7/8

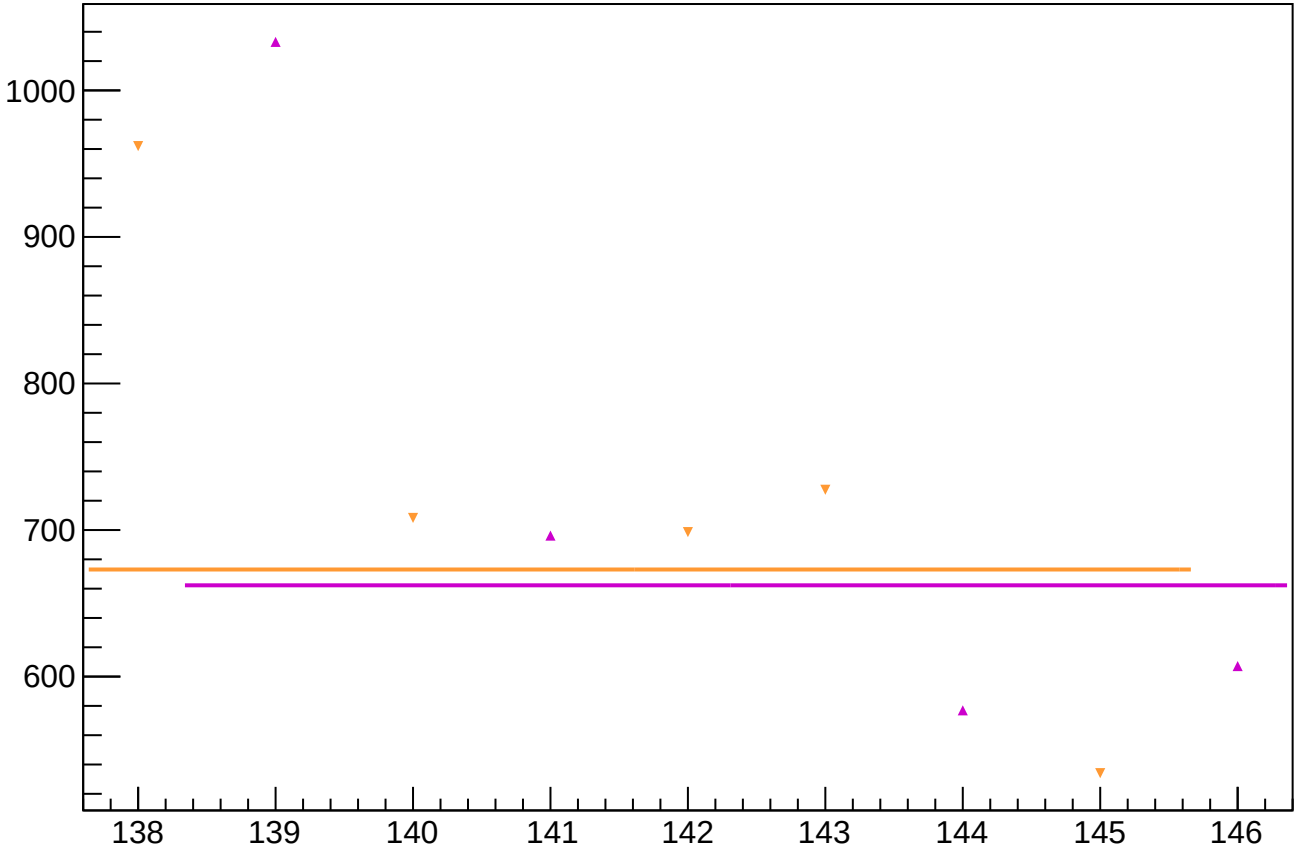
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -312.409+/-373.771 χ^2/NDF:2.1/3

Out: 815.727+/-374.693 χ^2/NDF:11.0/4

All: 250.268+/-264.621 χ^2/NDF: 17.7/8

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 673.070+/-0.265 χ^2/NDF:244301.5/4

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

Left In: 662.282+/-0.264 χ^2/NDF:258133.9/3

Left: 667.662+/-0.187 χ^2/NDF: 503266.5/8

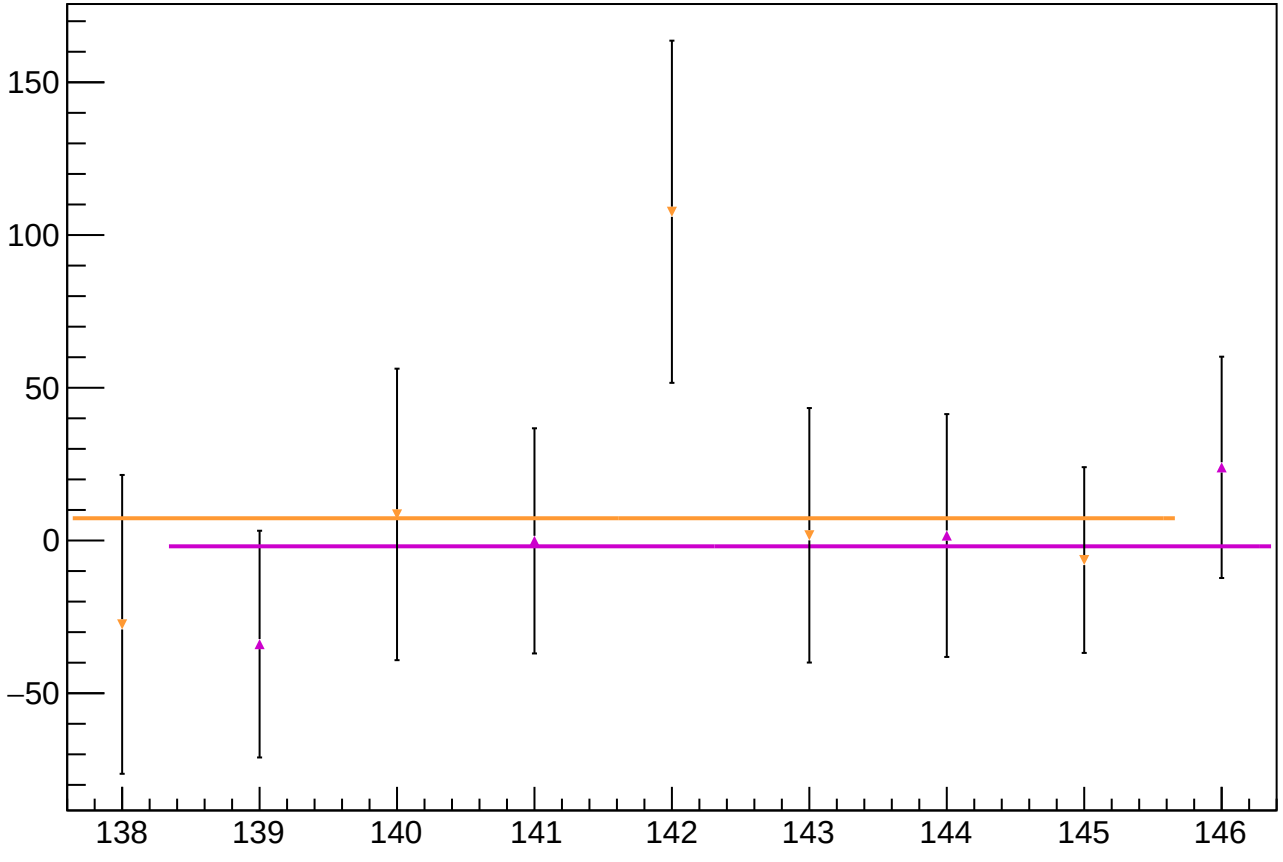
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 662.282+/-0.264 χ^2/NDF:258133.9/3

Out: 673.070+/-0.265 χ^2/NDF:244301.5/4

All: 667.662+/-0.187 χ^2/NDF: 503266.5/8

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: 7.286+/-18.785 χ^2/NDF:3.9/4

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

Left In: -1.901+/-18.709 χ^2/NDF:1.3/3

Left: 2.674+/-13.256 χ^2/NDF: 5.3/8

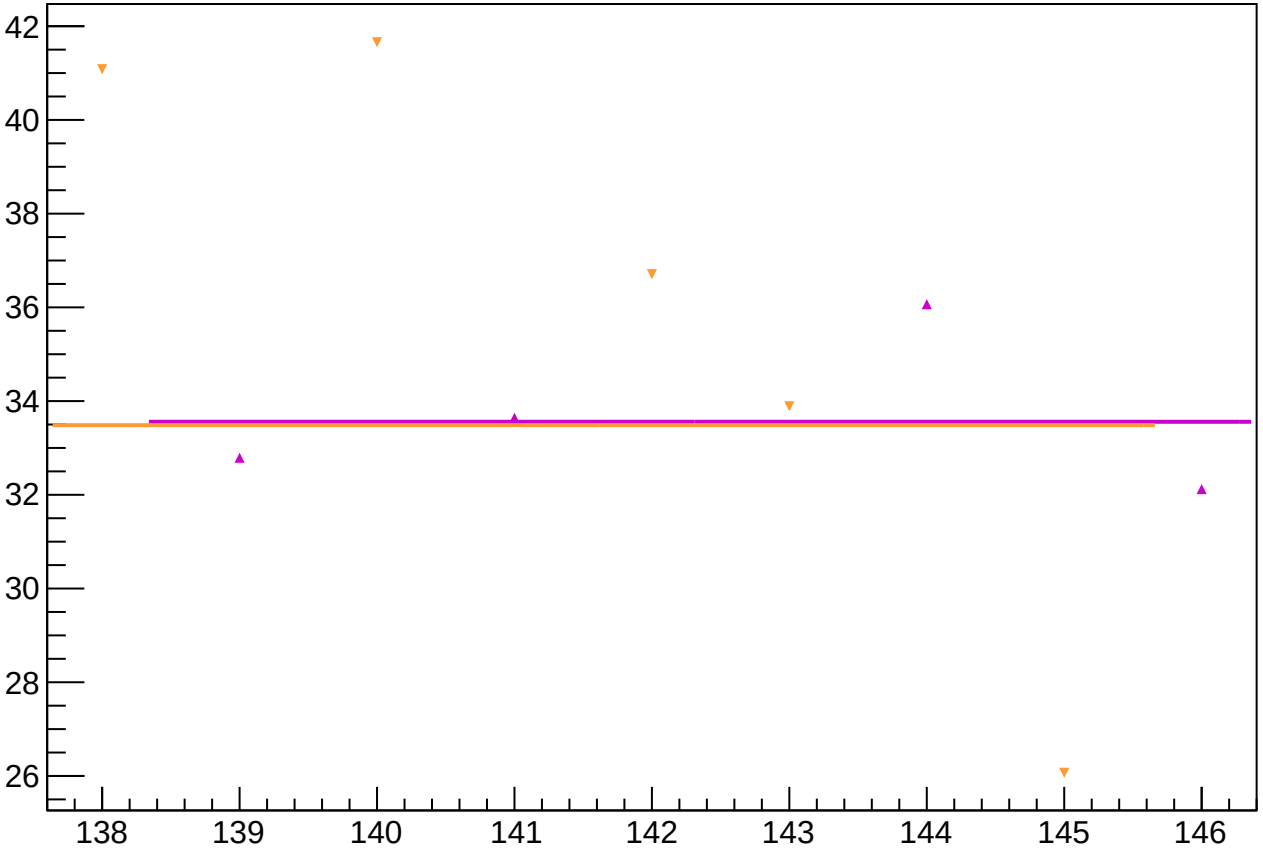
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.901+/-18.709 χ^2/NDF:1.3/3

Out: 7.286+/-18.785 χ^2/NDF:3.9/4

All: 2.674+/-13.256 χ^2/NDF: 5.3/8

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: 33.486+/-0.013 χ^2/NDF:232742.9/4

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

Left In: 33.559+/-0.013 χ^2/NDF:11981.2/3

Left: 33.522+/-0.009 χ^2/NDF: 244739.4/8

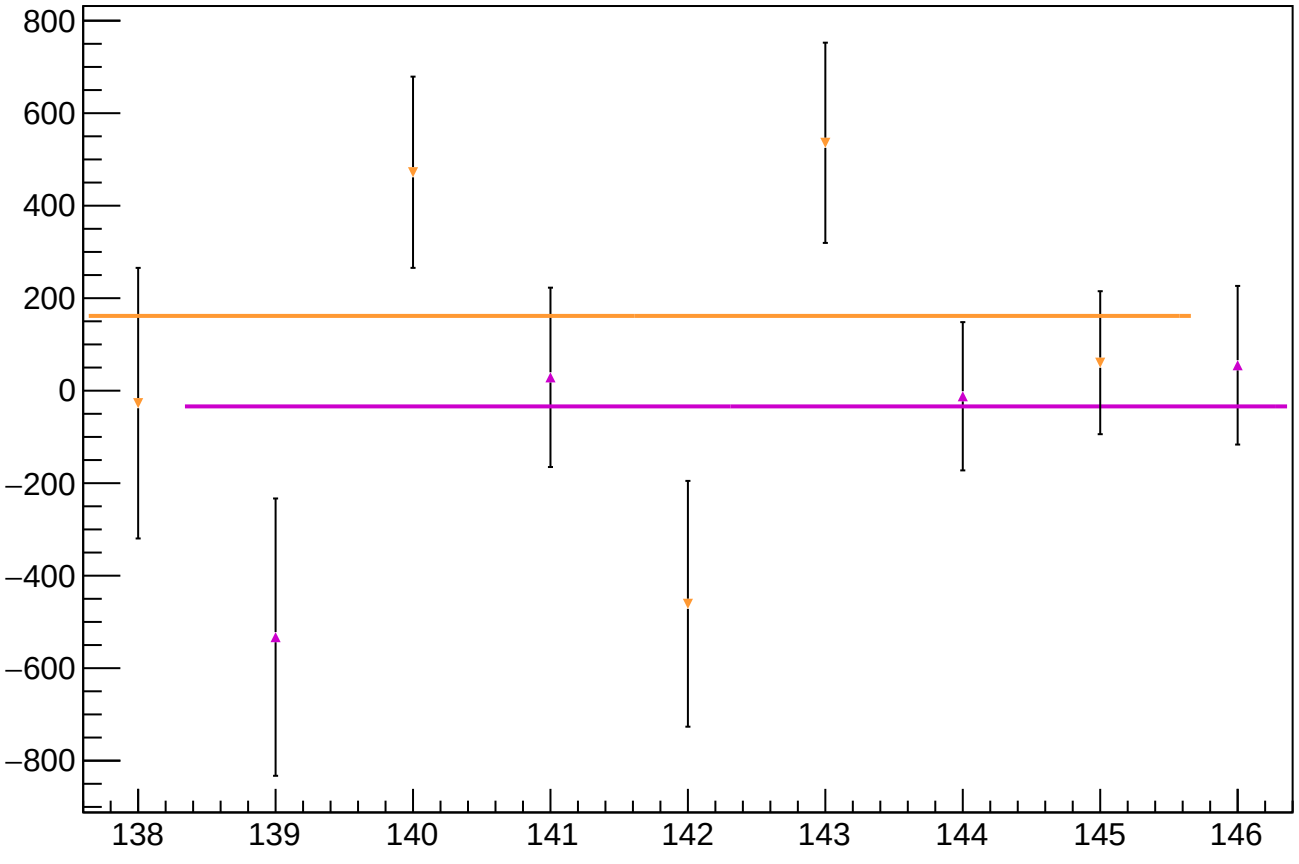
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 33.559+/-0.013 χ^2/NDF:11981.2/3

Out: 33.486+/-0.013 χ^2/NDF:232742.9/4

All: 33.522+/-0.009 χ^2/NDF: 244739.4/8

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: 161.677+/-94.311 χ^2/NDF:11.6/4

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

Left In: -33.987+/-95.071 χ^2/NDF:3.2/3

Left: 64.630+/-66.955 χ^2/NDF: 16.9/8

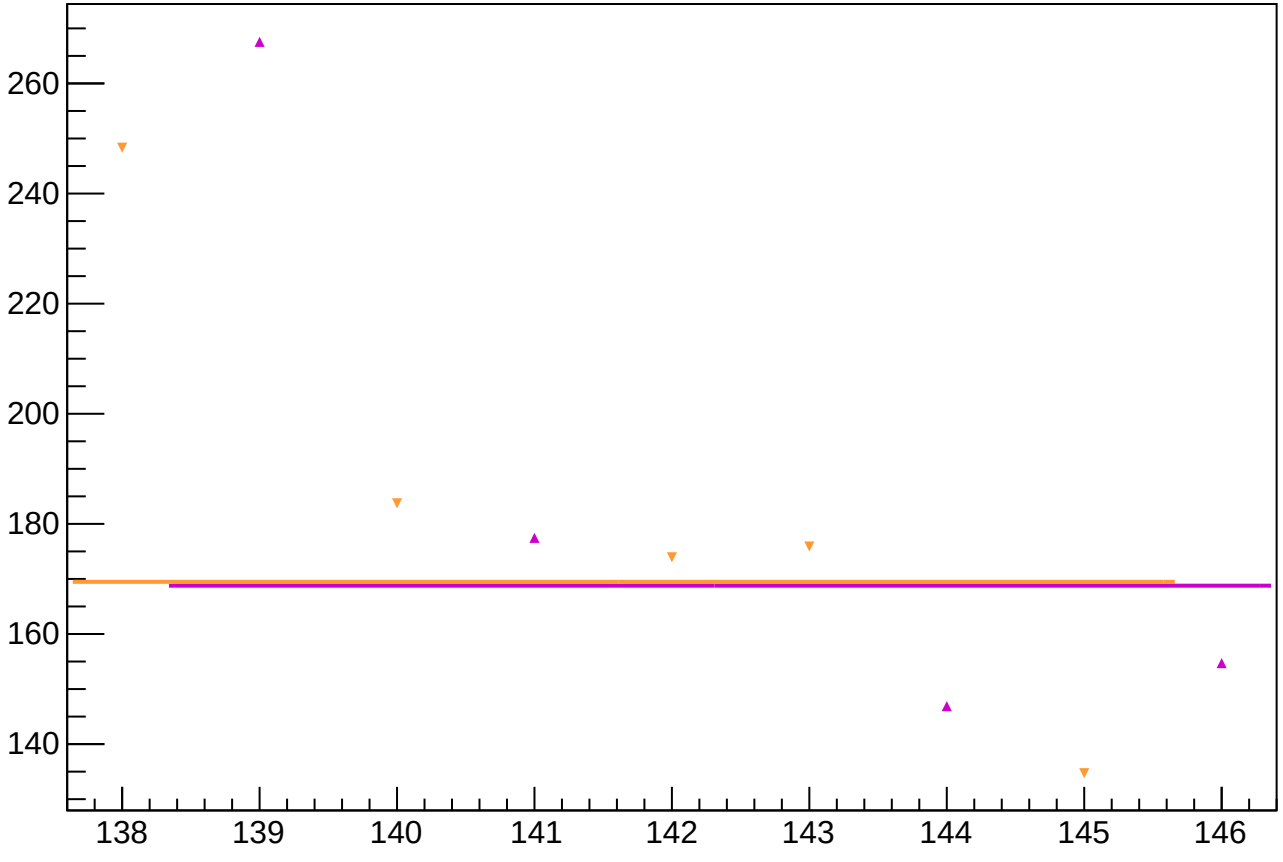
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -33.987+/-95.071 χ^2/NDF:3.2/3

Out: 161.677+/-94.311 χ^2/NDF:11.6/4

All: 64.630+/-66.955 χ^2/NDF: 16.9/8

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: 169.478+/-0.067 χ^2/NDF:258272.2/4

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

Left In: 168.778+/-0.067 χ^2/NDF:271839.3/3

Left: 169.131+/-0.047 χ^2/NDF: 530166.1/8

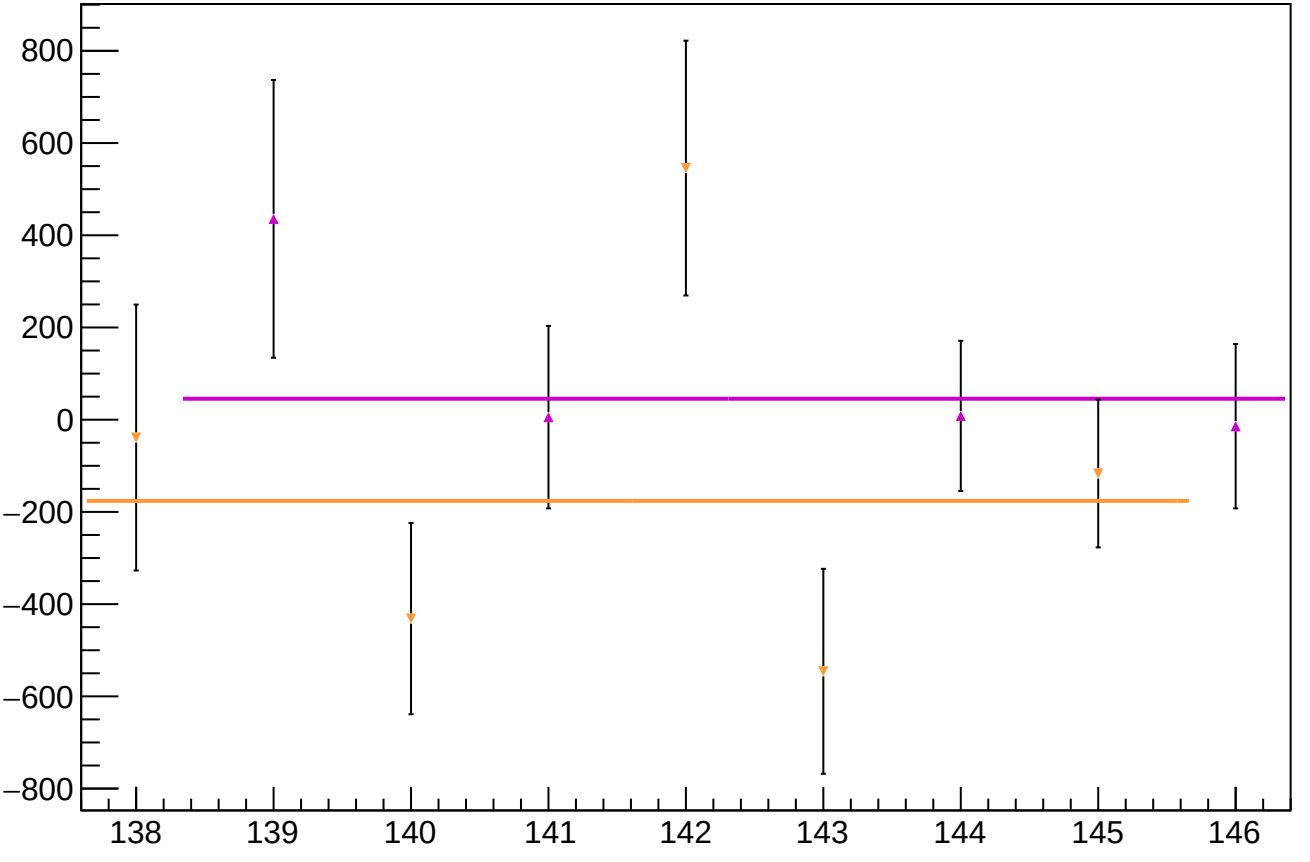
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 168.778+/-0.067 χ^2/NDF:271839.3/3

Out: 169.478+/-0.067 χ^2/NDF:258272.2/4

All: 169.131+/-0.047 χ^2/NDF: 530166.1/8

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -176.027+/-96.459 χ^2/NDF:11.5/4

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

Left In: 45.491+/-97.235 χ^2/NDF:1.9/3

Left: -66.156+/-68.480 χ^2/NDF: 16.0/8

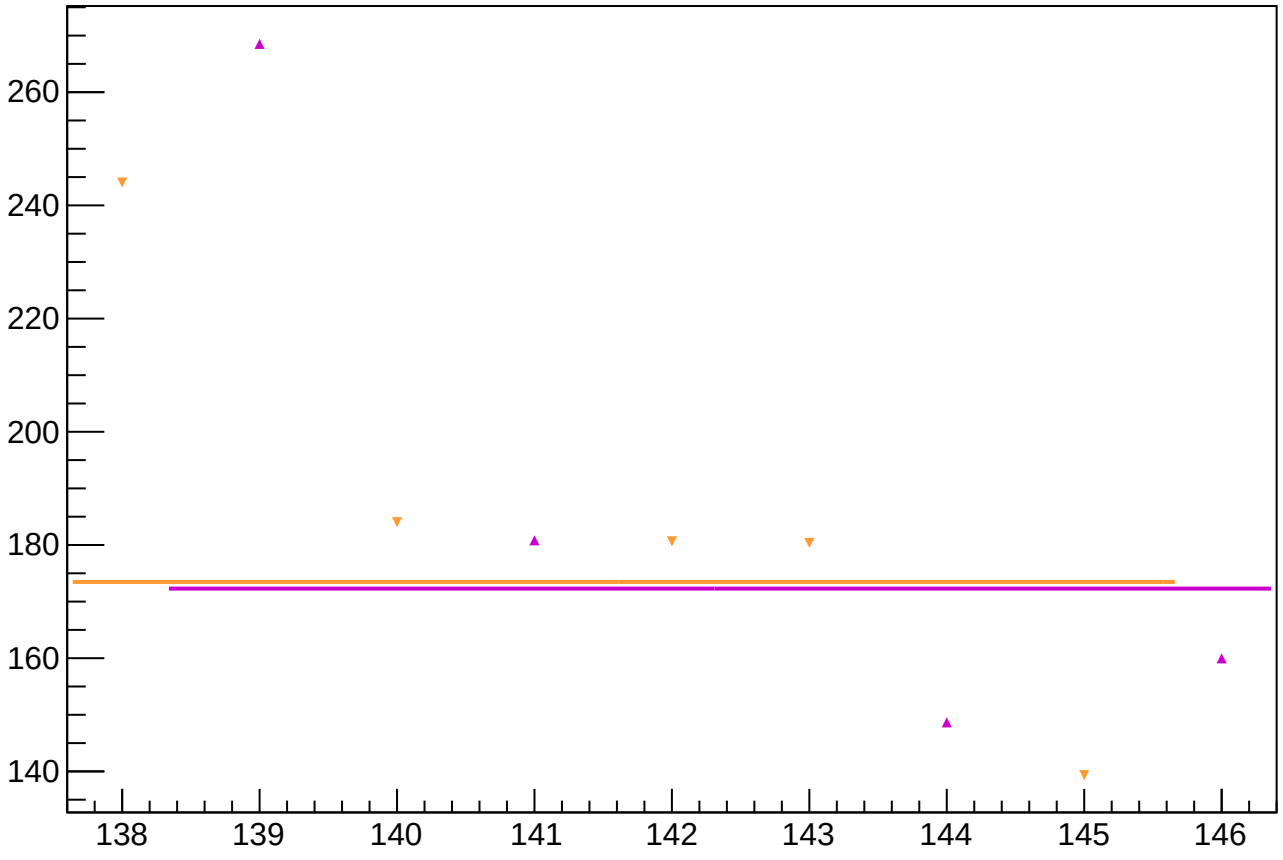
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 45.491+/-97.235 χ^2/NDF:1.9/3

Out: -176.027+/-96.459 χ^2/NDF:11.5/4

All: -66.156+/-68.480 χ^2/NDF: 16.0/8

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 173.470+/-0.068 χ^2/NDF:218757.3/4

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

Left In: 172.294+/-0.069 χ^2/NDF:259506.1/3

Left: 172.887+/-0.048 χ^2/NDF: 478410.8/8

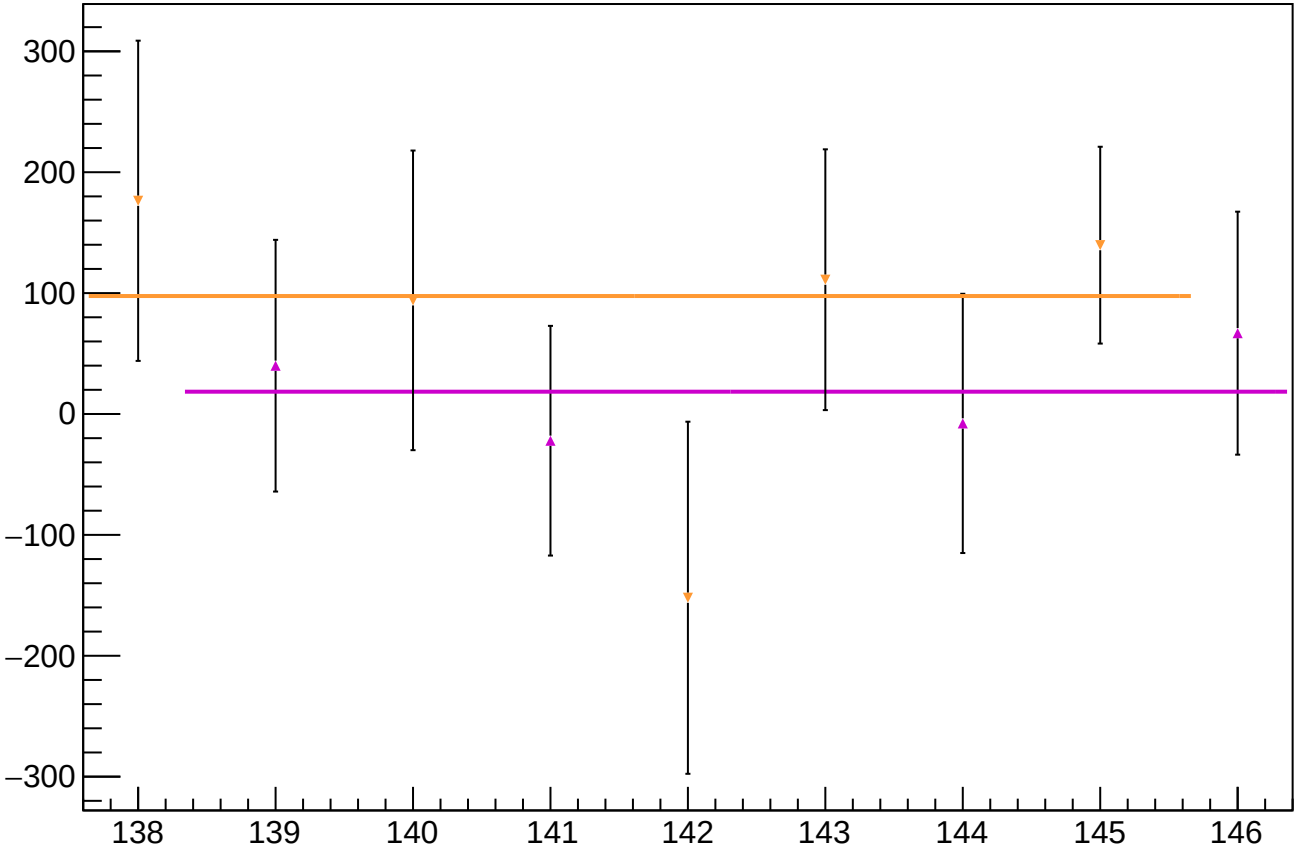
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 172.294+/-0.069 χ^2/NDF:259506.1/3

Out: 173.470+/-0.068 χ^2/NDF:218757.3/4

All: 172.887+/-0.048 χ^2/NDF: 478410.8/8

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 97.581+/-49.621 χ^2/NDF:3.6/4

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

Left In: 18.449+/-50.700 χ^2/NDF:0.5/3

Left: 58.866+/-35.463 χ^2/NDF: 5.3/8

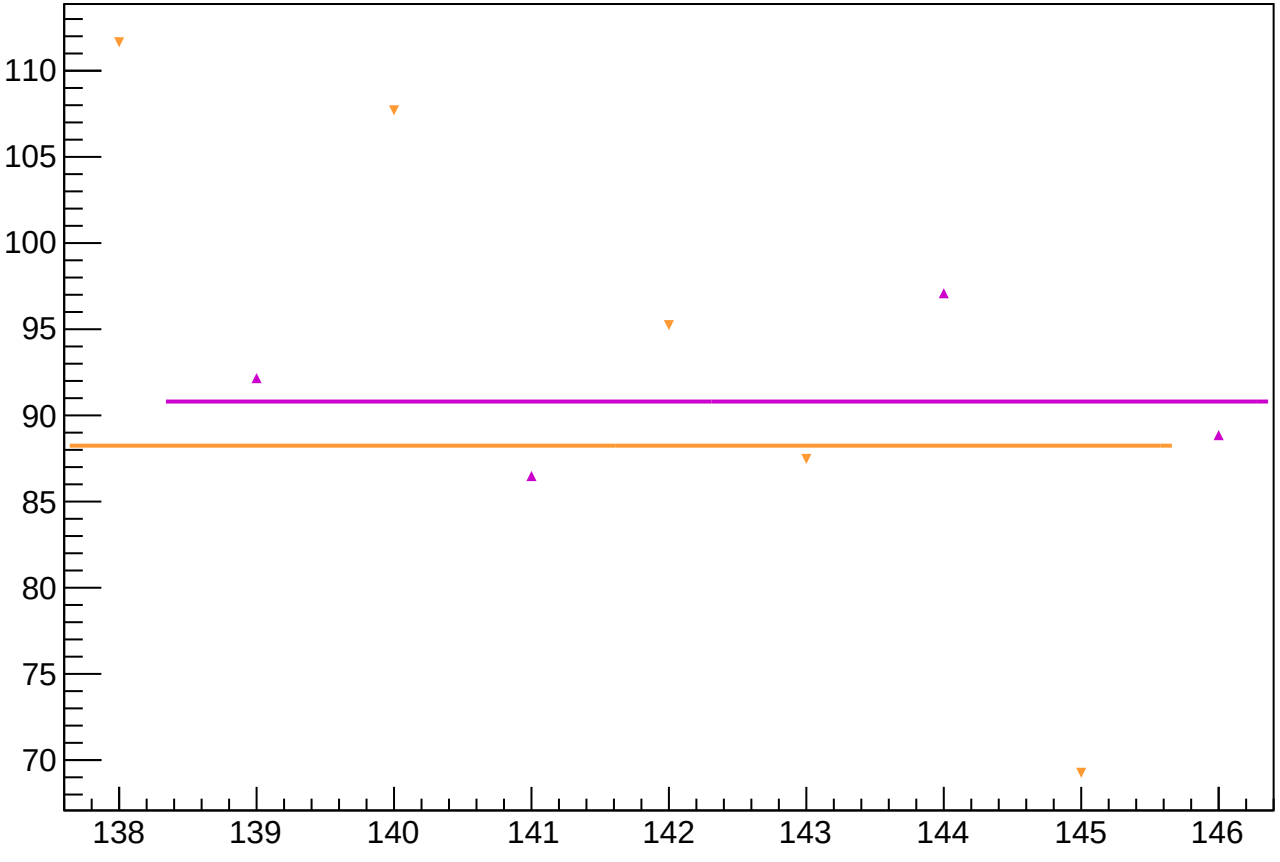
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.449+/-50.700 χ^2/NDF:0.5/3

Out: 97.581+/-49.621 χ^2/NDF:3.6/4

All: 58.866+/-35.463 χ^2/NDF: 5.3/8

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 88.244+/-0.035 χ^2/NDF:225243.5/4

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

Left In: 90.805+/-0.036 χ^2/NDF:12106.6/3

Left: 89.497+/-0.025 χ^2/NDF: 239955.6/8

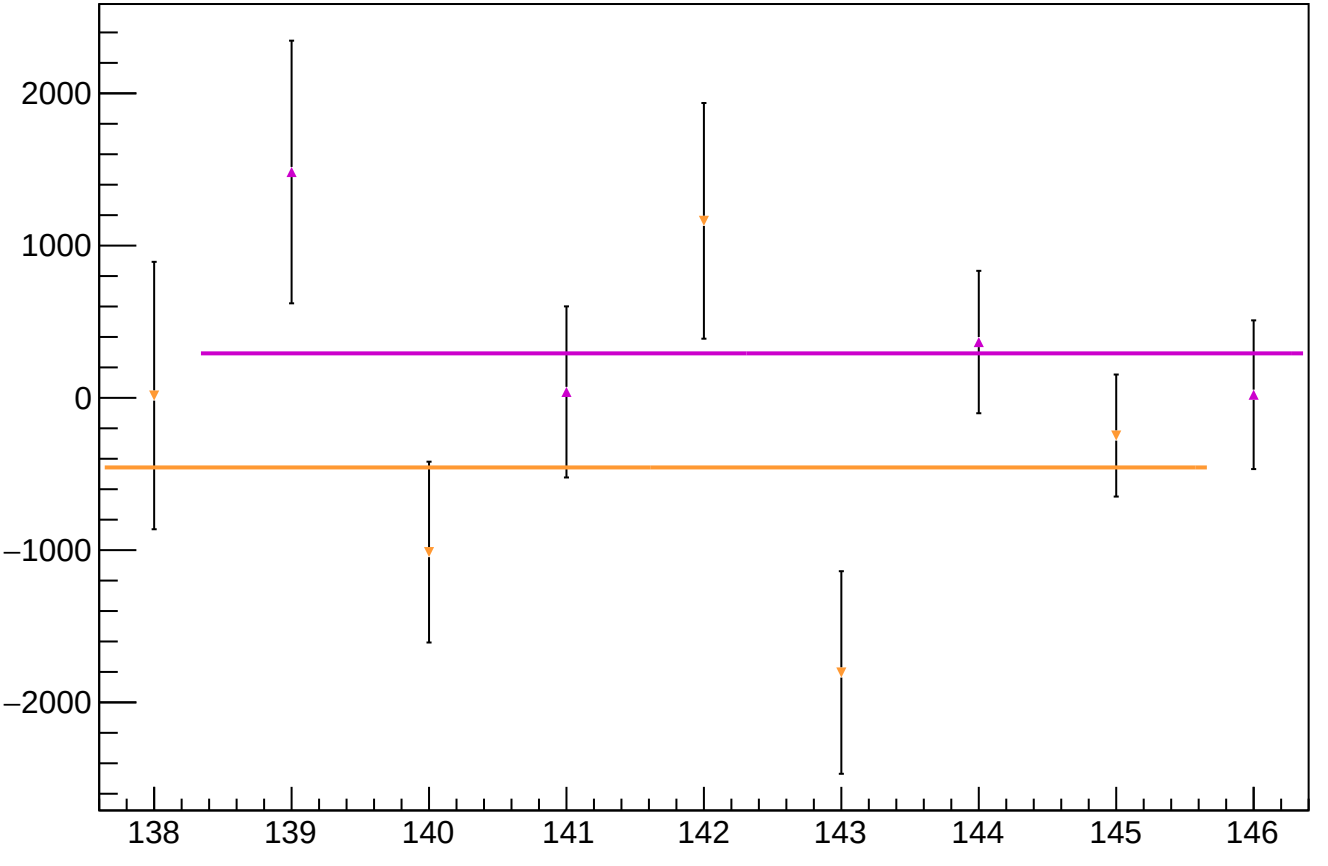
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 90.805+/-0.036 χ^2/NDF:12106.6/3

Out: 88.244+/-0.035 χ^2/NDF:225243.5/4

All: 89.497+/-0.025 χ^2/NDF: 239955.6/8

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -456.948+/-264.550 χ^2/NDF:9.9/4

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

Left In: 292.290+/-274.438 χ^2/NDF:2.4/3

Left: -96.070+/-190.465 χ^2/NDF: 16.2/8

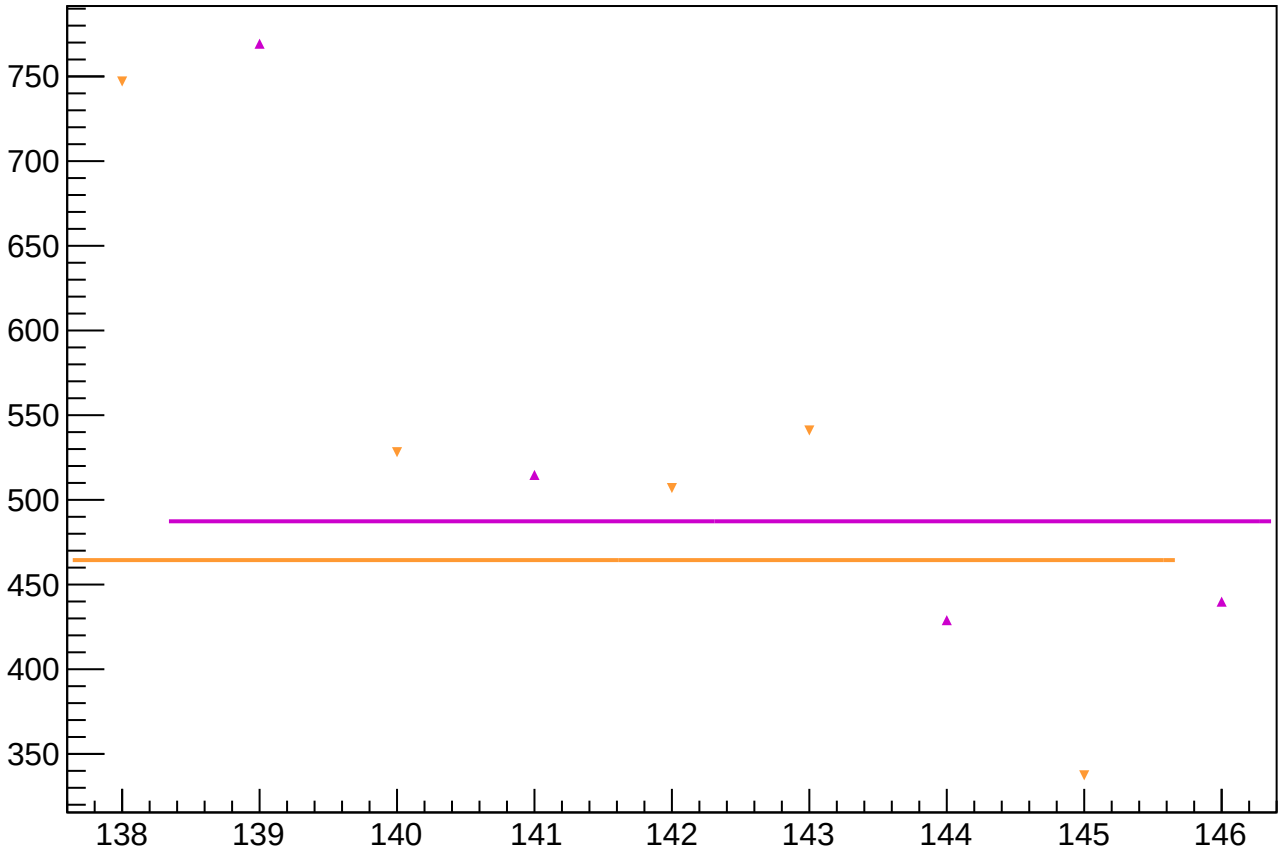
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 292.290+/-274.438 χ^2/NDF:2.4/3

Out: -456.948+/-264.550 χ^2/NDF:9.9/4

All: -96.070+/-190.465 χ^2/NDF: 16.2/8

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 464.436+/-0.187 χ^2/NDF:463723.6/4

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

Left In: 487.344+/-0.194 χ^2/NDF:268535.9/3

Left: 475.470+/-0.135 χ^2/NDF: 739482.6/8

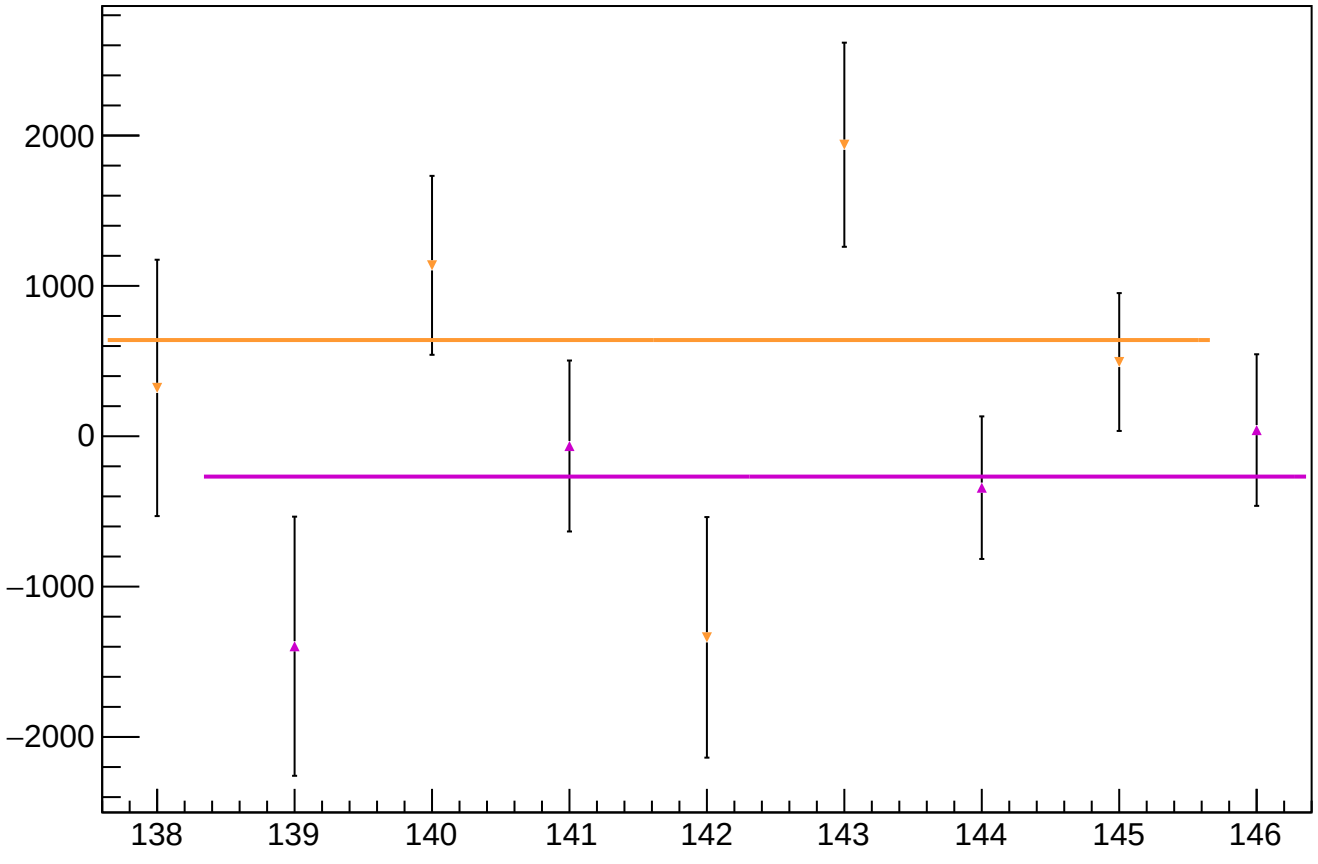
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 487.344+/-0.194 χ^2/NDF:268535.9/3

Out: 464.436+/-0.187 χ^2/NDF:463723.6/4

All: 475.470+/-0.135 χ^2/NDF: 739482.6/8

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 639.811+/-280.699 χ^2/NDF:10.7/4

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

Left In: -268.308+/-279.263 χ^2/NDF:2.2/3

Left: 183.422+/-197.974 χ^2/NDF: 18.2/8

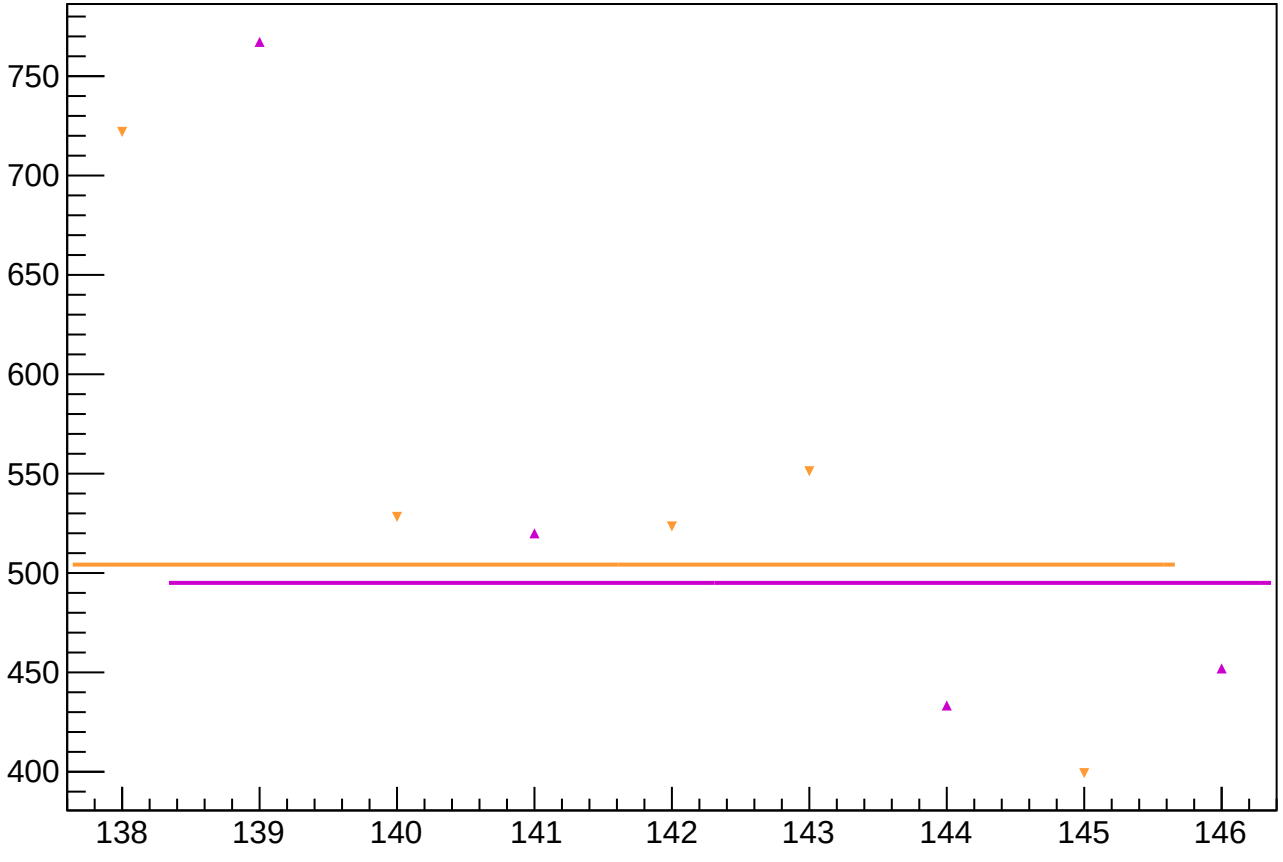
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -268.308+/-279.263 χ^2/NDF:2.2/3

Out: 639.811+/-280.699 χ^2/NDF:10.7/4

All: 183.422+/-197.974 χ^2/NDF: 18.2/8

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 504.234+/-0.198 χ^2/NDF:249229.6/4

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

Left In: 495.041+/-0.197 χ^2/NDF:251831.4/3

Left: 499.614+/-0.140 χ^2/NDF: 502139.0/8

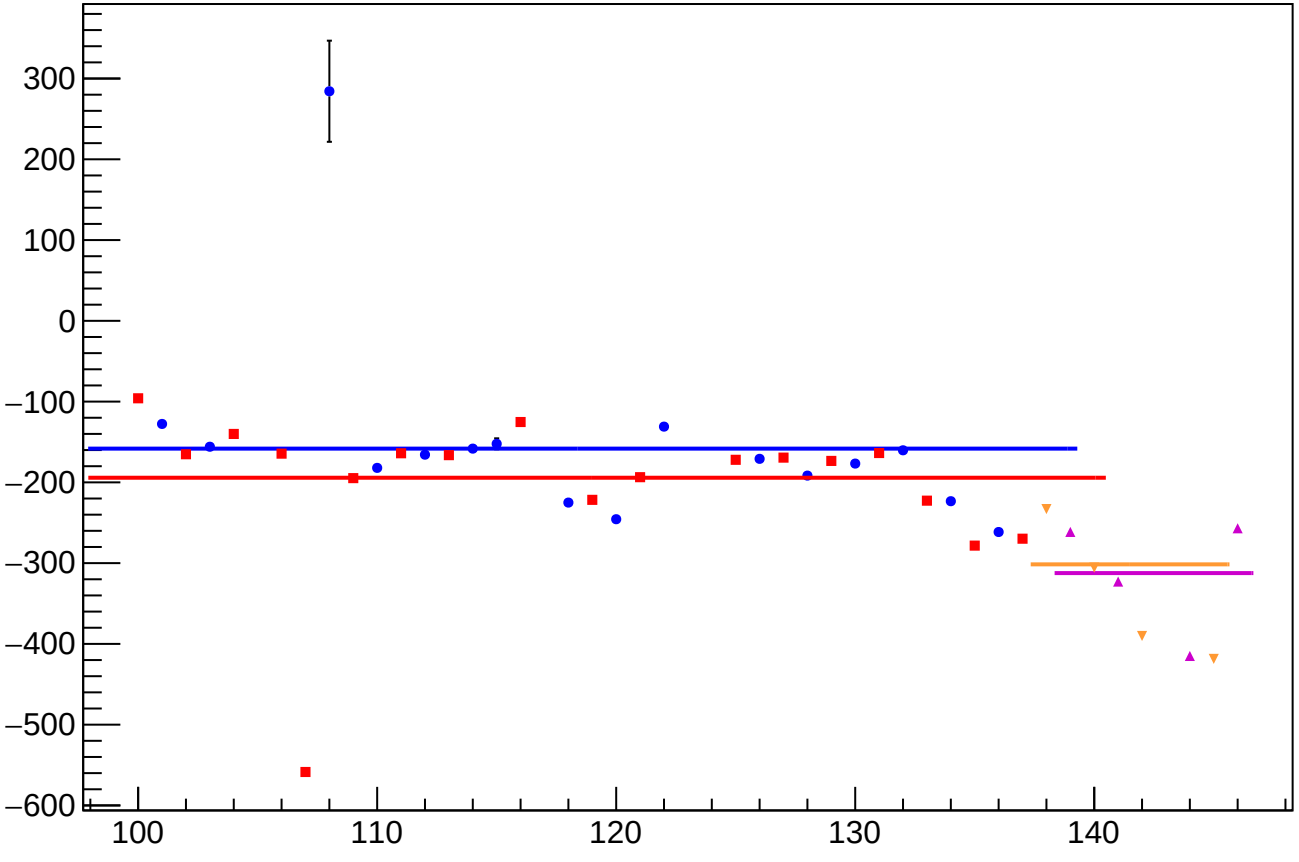
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 495.041+/-0.197 χ^2/NDF:251831.4/3

Out: 504.234+/-0.198 χ^2/NDF:249229.6/4

All: 499.614+/-0.140 χ^2/NDF: 502139.0/8

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -301.516+/-0.447 χ^2/NDF:14747.3/3

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -312.329+/-0.342 χ^2/NDF:17602.6/3

Left: -308.334+/-0.272 χ^2/NDF: 32718.3/7

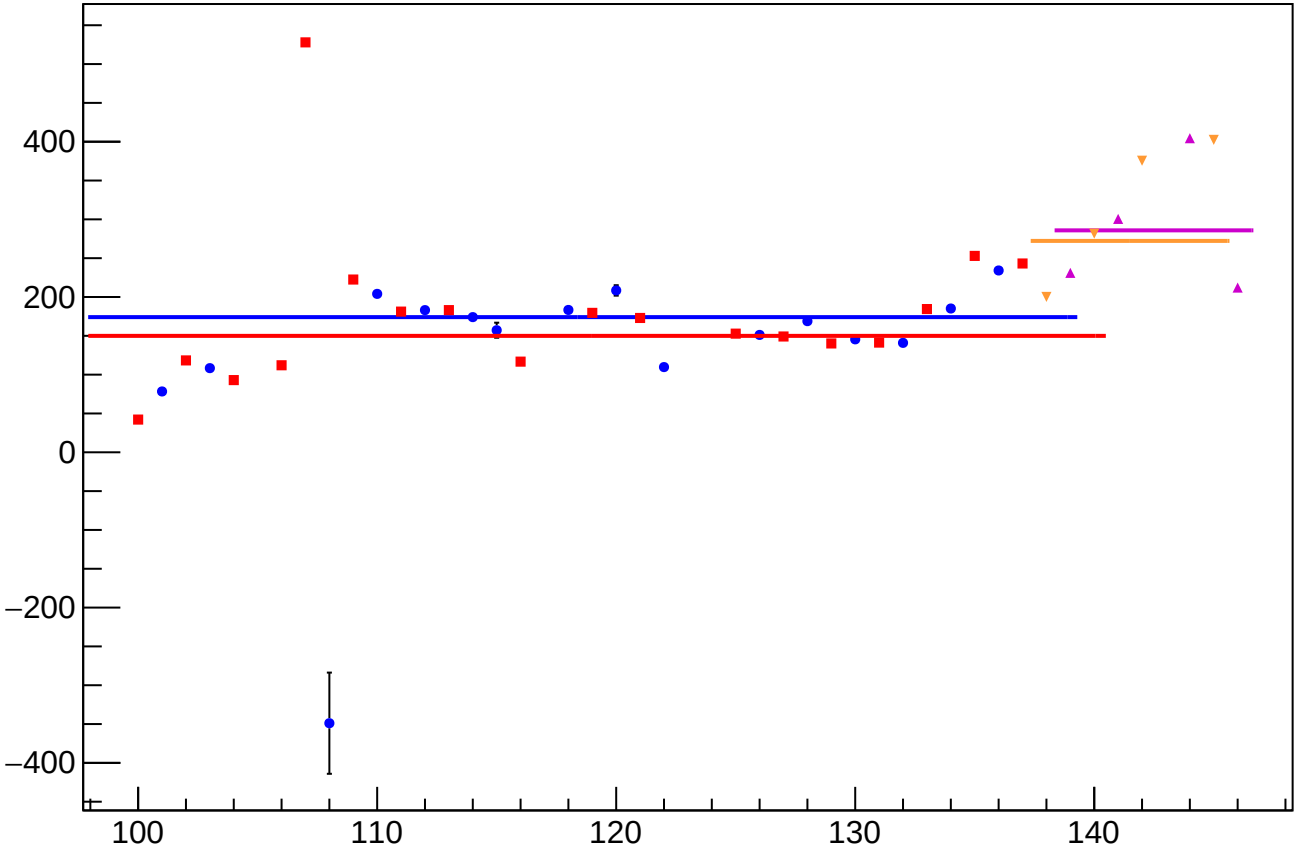
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:337304.7/19

Out: -207.129+/-0.155 χ^2/NDF:241884.6/21

All: -158.222+/-0.000 χ^2/NDF: 678846.7/41

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 272.249+/-0.480 χ^2/NDF:15818.2/3

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 285.831+/-0.366 χ^2/NDF:20206.2/3

Left: 280.832+/-0.291 χ^2/NDF: 36530.9/7

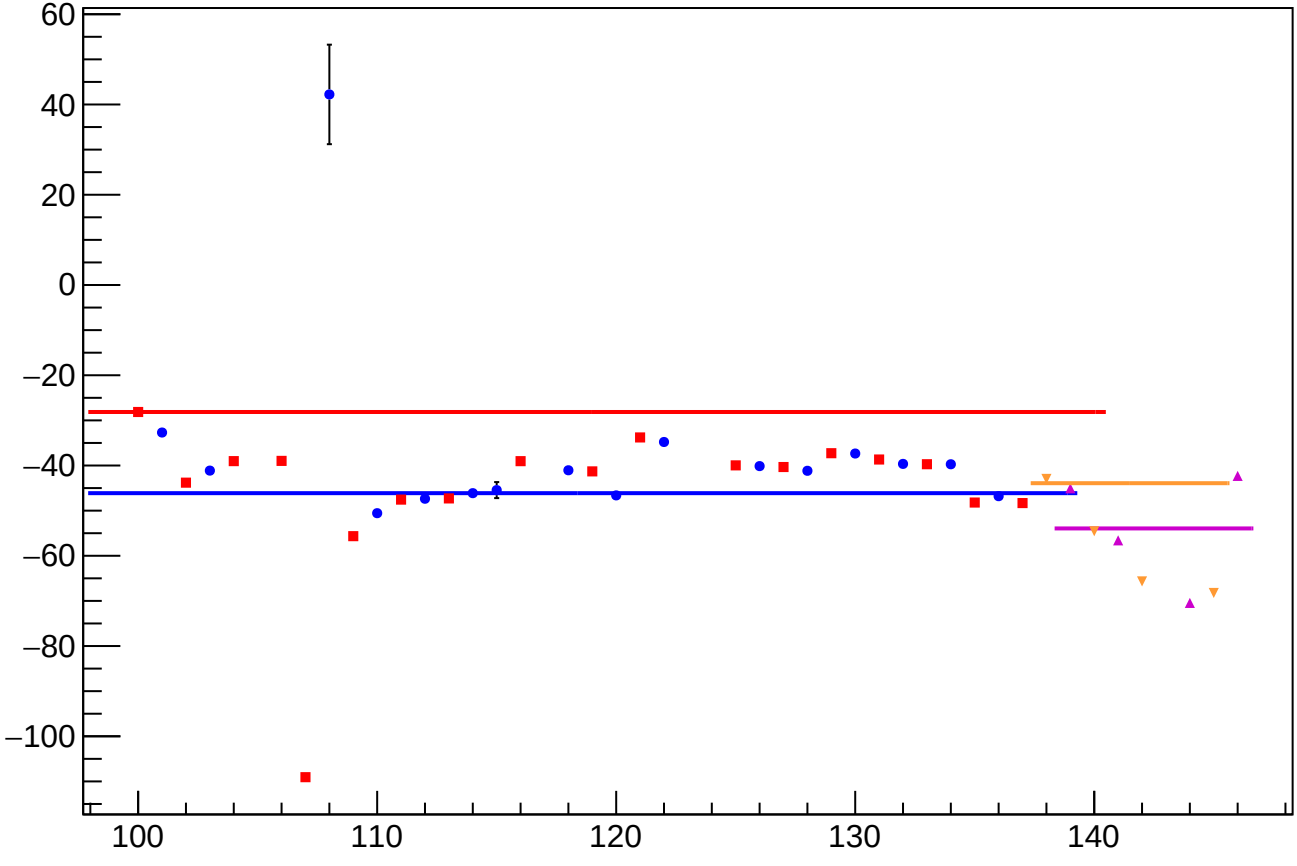
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:166726.2/19

Out: 167.370+/-0.181 χ^2/NDF:239391.6/21

All: 174.085+/-0.000 χ^2/NDF: 407492.7/41

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -43.917+/-0.018 χ^2/NDF:44470.7/3

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -53.943+/-0.040 χ^2/NDF:33221.8/3

Left: -45.626+/-0.016 χ^2/NDF: 130125.3/7

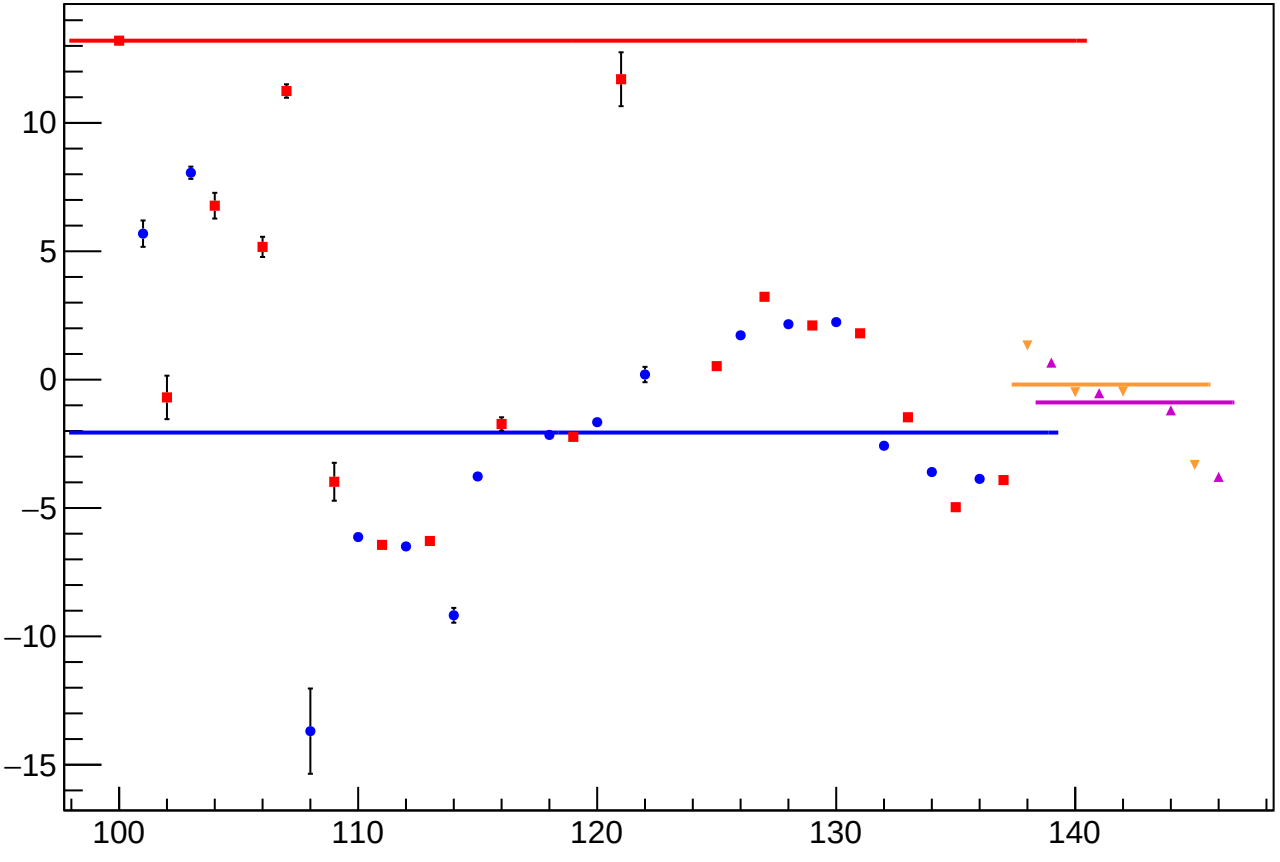
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:272912.8/19

Out: -28.139+/-0.000 χ^2/NDF:1553140.0/21

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -0.189+/-0.025 χ^2/NDF:2012.0/3

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -0.888+/-0.020 χ^2/NDF:4674.9/3

Left: -0.622+/-0.016 χ^2/NDF: 7164.9/7

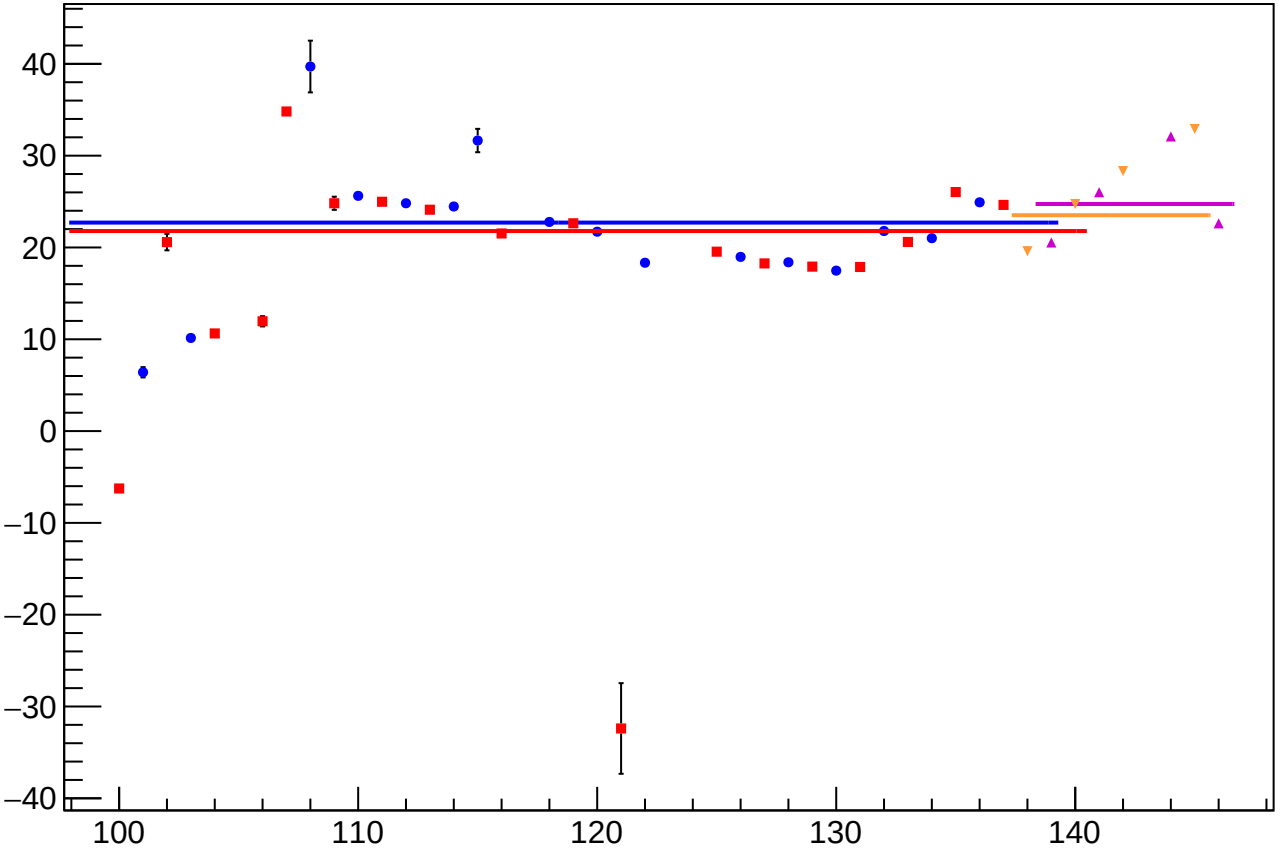
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -1.533+/-0.013 χ^2/NDF:32288.4/19

Out: 13.204+/-0.000 χ^2/NDF:795809.0/21

All: 13.204+/-0.000 χ^2/NDF: 2070230.1/41

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 23.516+/-0.045 χ^2/NDF:6925.2/3

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 24.736+/-0.035 χ^2/NDF:8447.9/3

Left: 24.266+/-0.028 χ^2/NDF: 15828.9/7

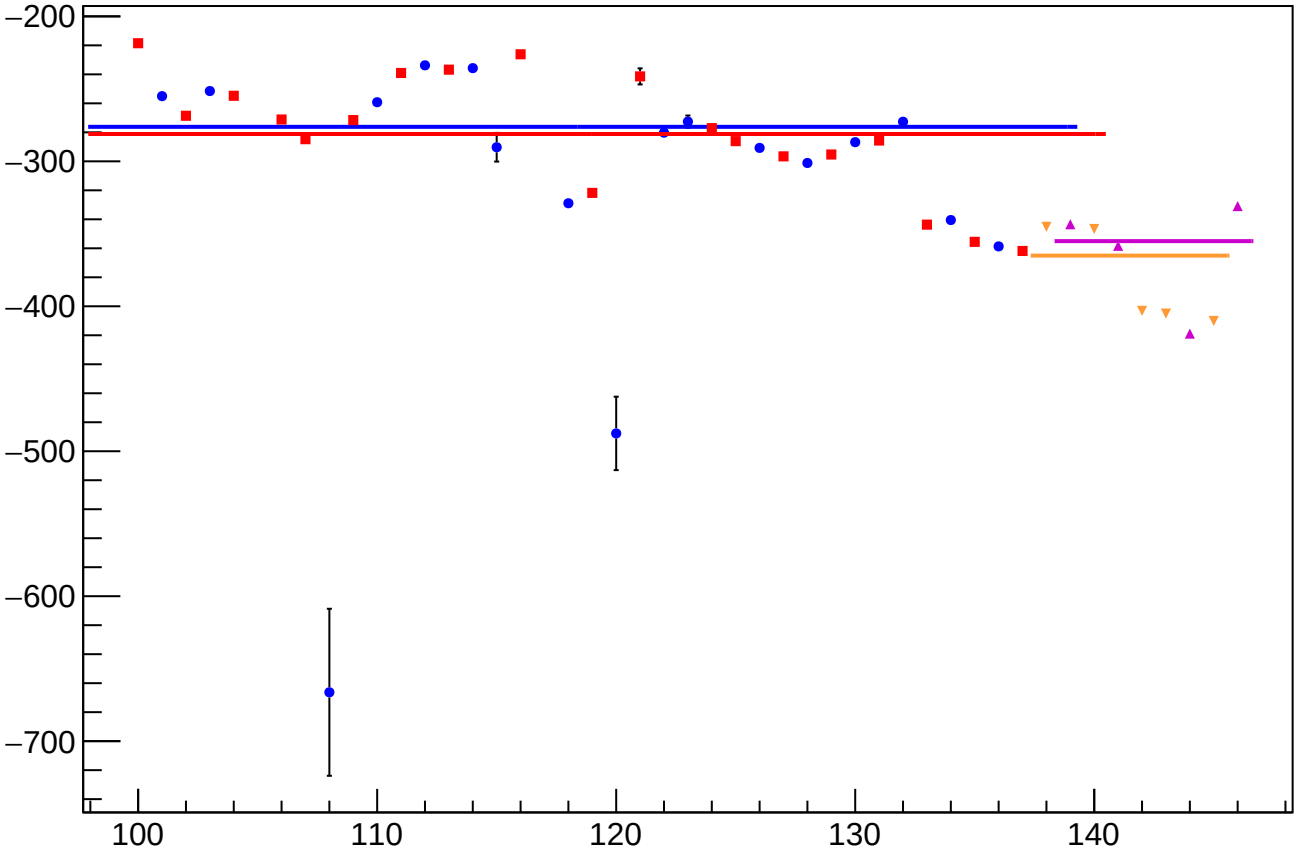
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 23.153+/-0.017 χ^2/NDF:33764.1/19

Out: 22.113+/-0.019 χ^2/NDF:34798.9/21

All: 22.714+/-0.013 χ^2/NDF: 70222.8/41

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -365.039+/-0.295 χ^2/NDF:8742.8/4

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -355.047+/-0.217 χ^2/NDF:14527.4/3

Left: -358.565+/-0.175 χ^2/NDF: 24014.1/8

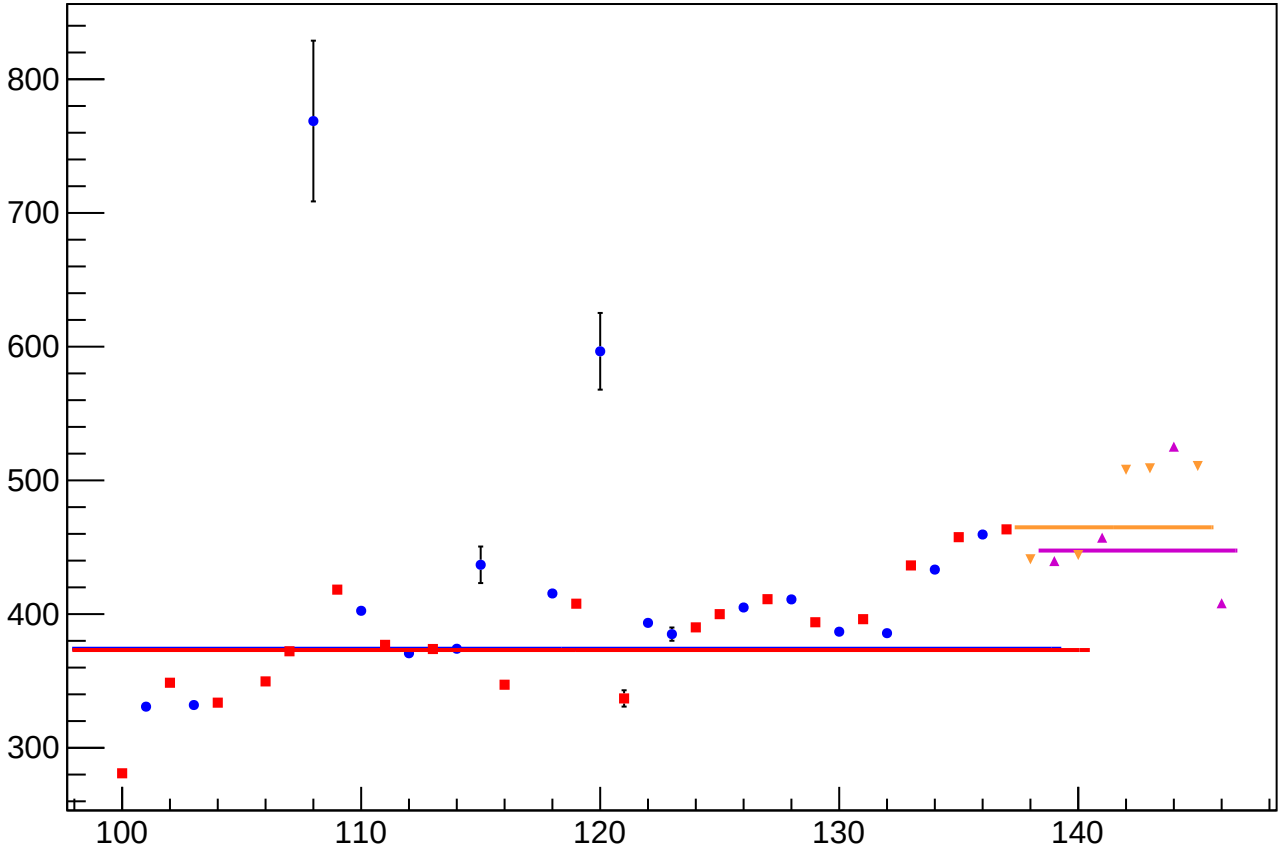
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -305.365+/-0.132 χ^2/NDF:155513.5/20

Out: -297.949+/-0.132 χ^2/NDF:151083.2/23

All: -301.650+/-0.093 χ^2/NDF: 308172.4/44

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 464.909+/-0.317 χ^2/NDF:9802.6/4

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 447.522+/-0.229 χ^2/NDF:19471.8/3

Left: 453.500+/-0.186 χ^2/NDF: 31249.8/8

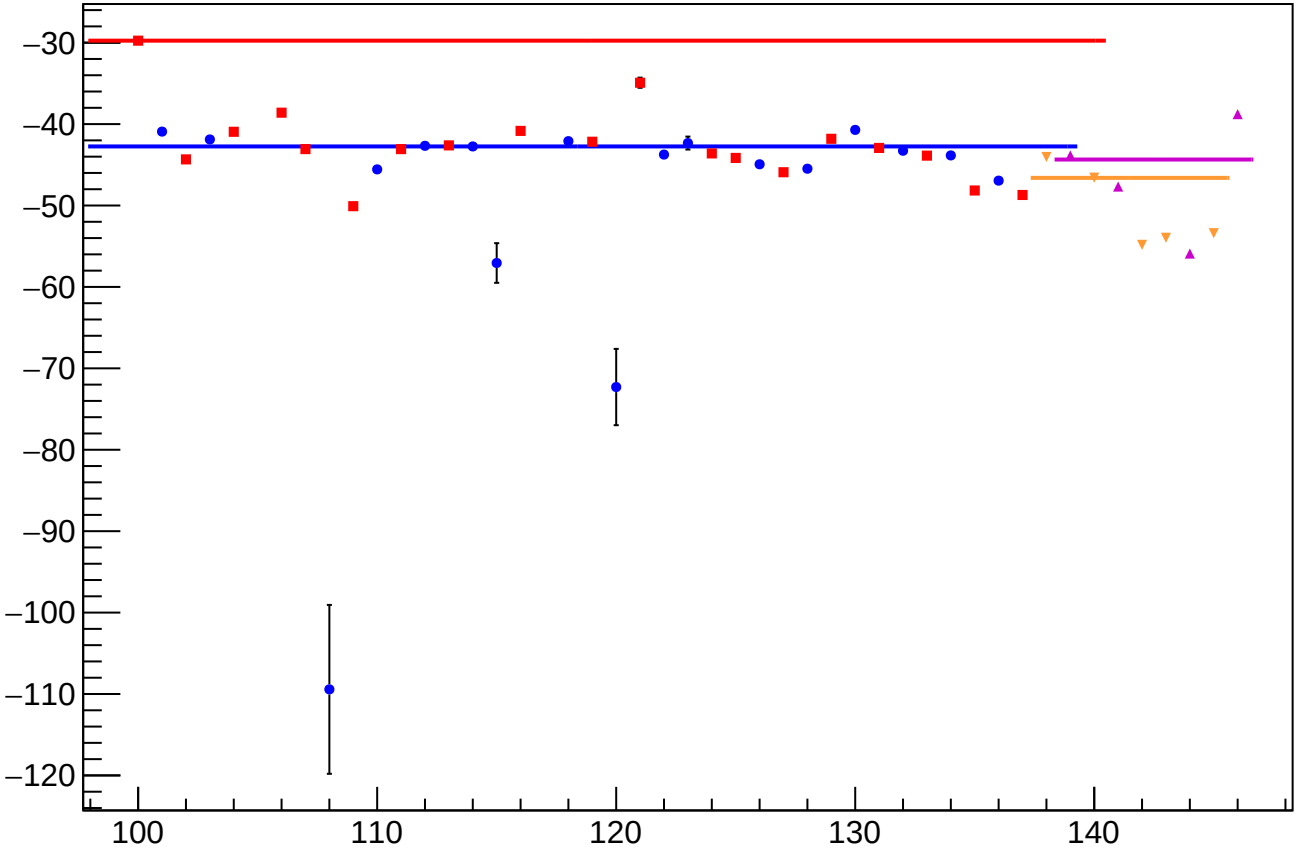
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:157014.3/20

Out: 391.397+/-0.141 χ^2/NDF:185207.2/23

All: 374.094+/-0.000 χ^2/NDF: 357205.2/44

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -46.606+/-0.020 χ^2/NDF:40710.5/4

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -44.352+/-0.020 χ^2/NDF:31099.1/3

Left: -45.460+/-0.014 χ^2/NDF: 78085.6/8

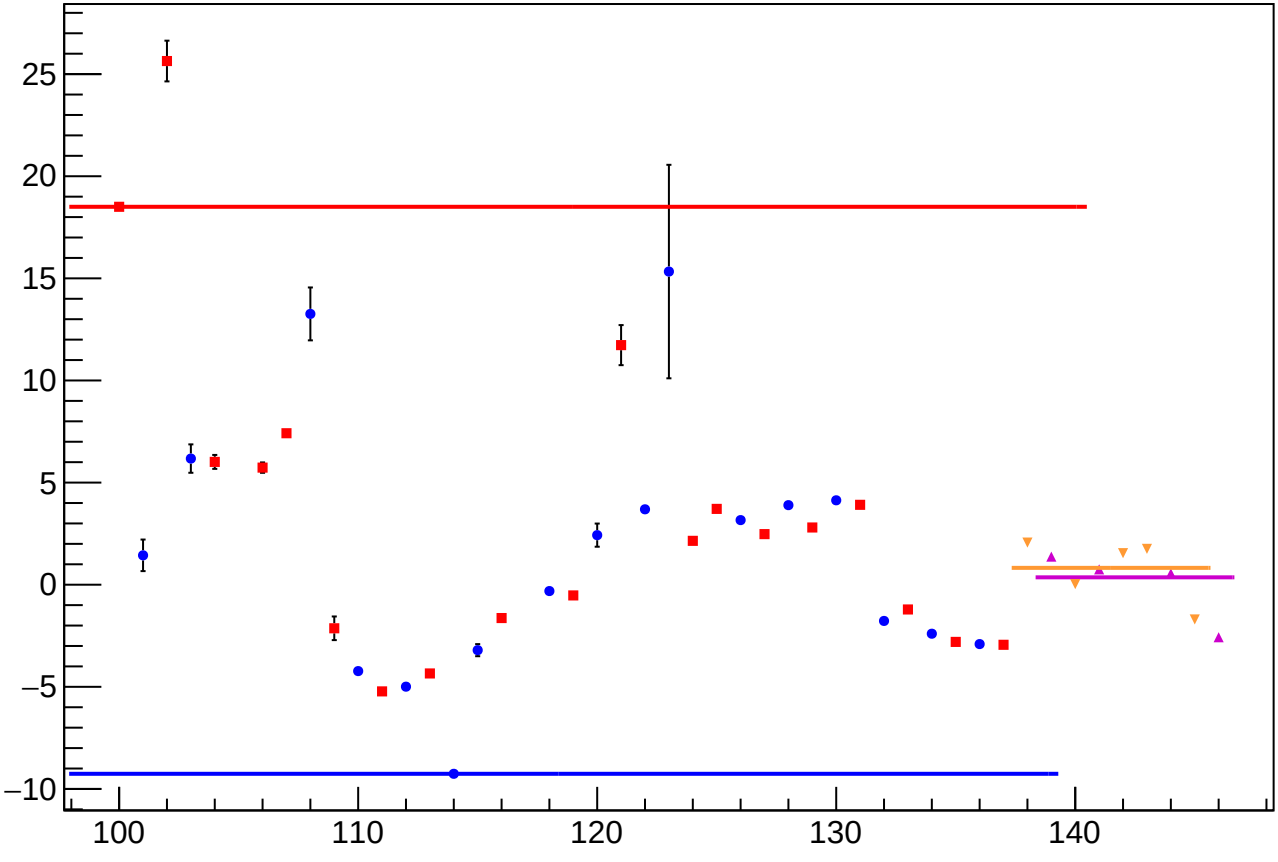
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:50855.9/20

Out: -29.754+/-0.000 χ^2/NDF:1214583.4/23

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: 0.825+/-0.018 χ^2/NDF:3736.8/4

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: 0.361+/-0.018 χ^2/NDF:4657.7/3

Left: 0.589+/-0.012 χ^2/NDF: 8739.2/8

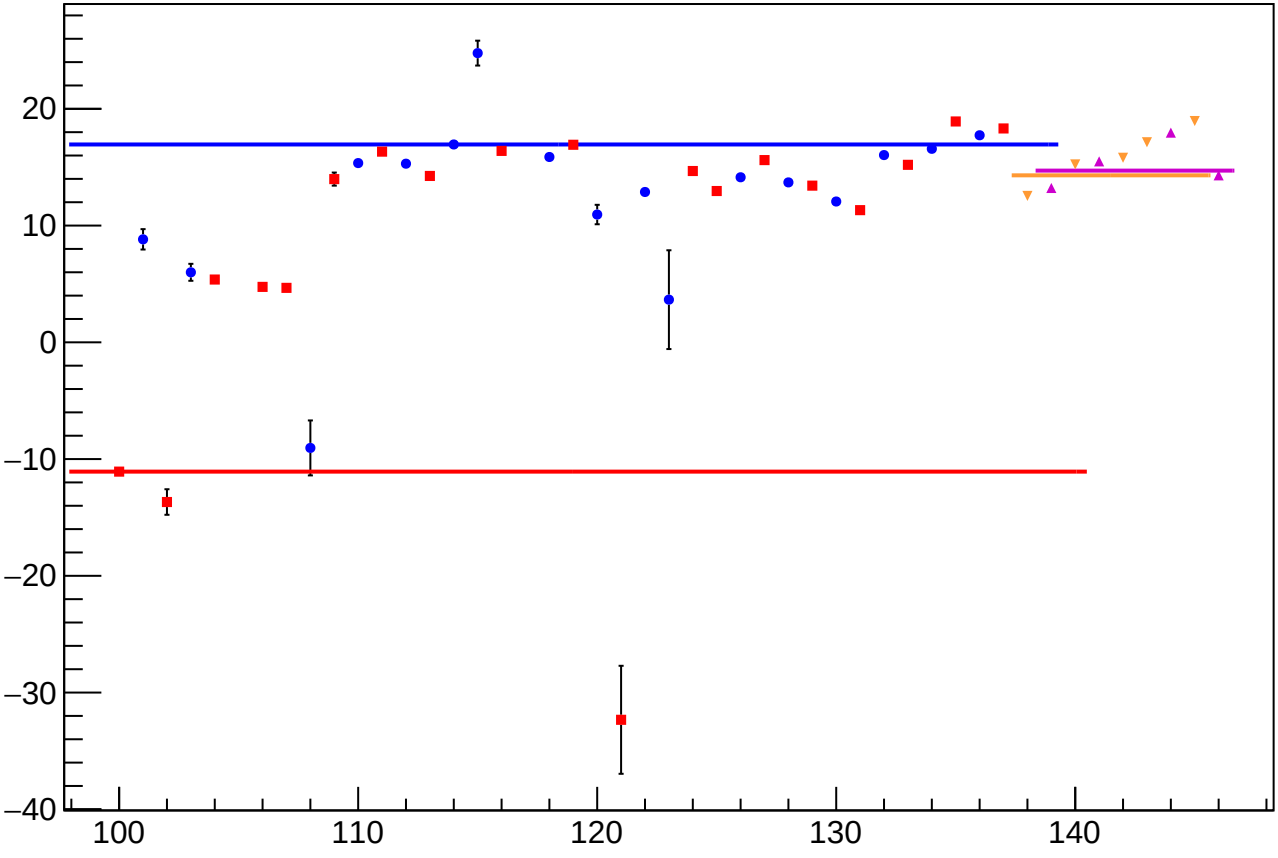
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:711646.3/20

Out: 18.504+/-0.000 χ^2/NDF:8356001.2/23

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: 14.303+/-0.020 χ^2/NDF:8254.9/4

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 14.708+/-0.026 χ^2/NDF:3146.2/3

Left: 14.456+/-0.016 χ^2/NDF: 11556.3/8

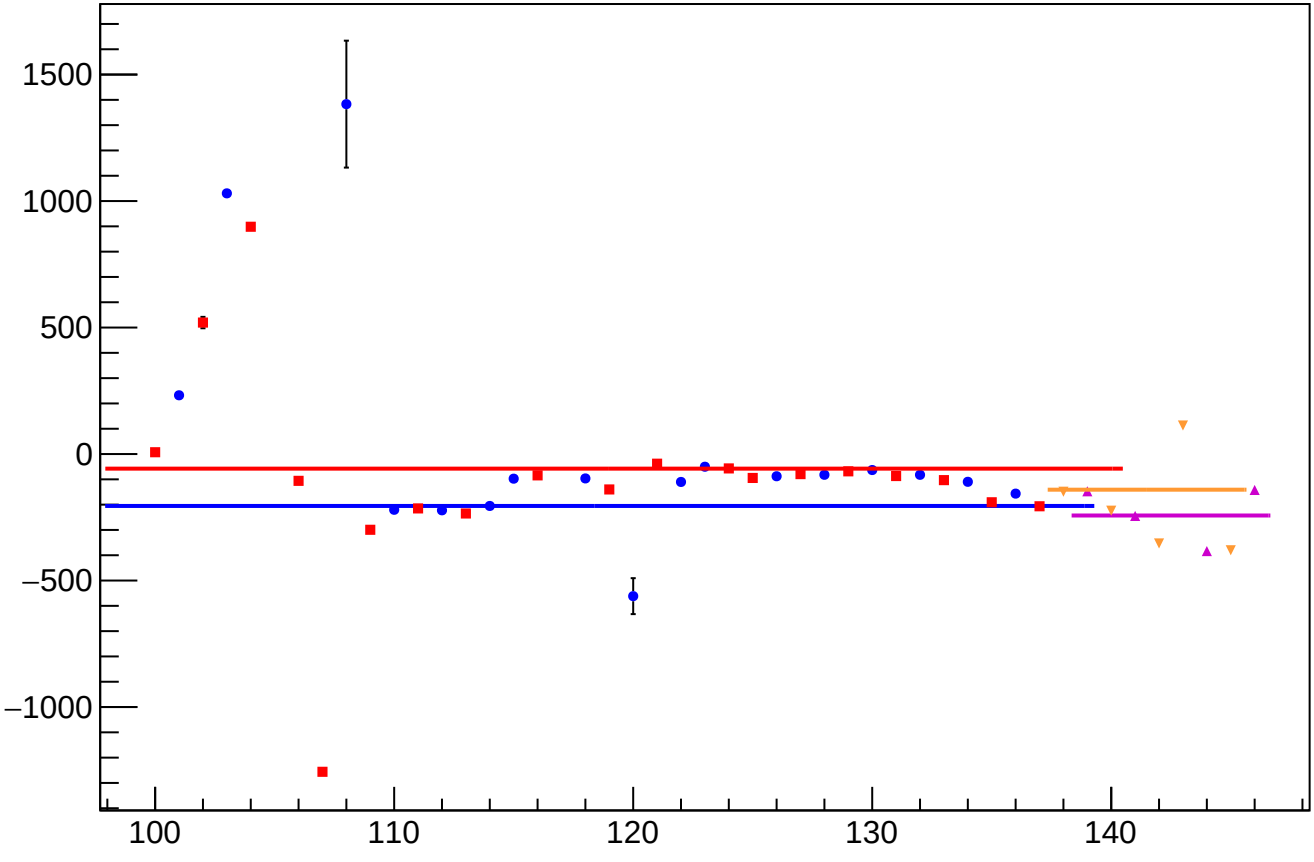
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:22014.4/20

Out: -11.075+/-0.000 χ^2/NDF:4334781.4/23

All: -2.268+/-0.000 χ^2/NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -140.895+/-0.550 χ^2/NDF:40888.4/4

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -242.908+/-0.690 χ^2/NDF:17723.8/3

Left: -180.577+/-0.430 χ^2/NDF: 71972.3/8

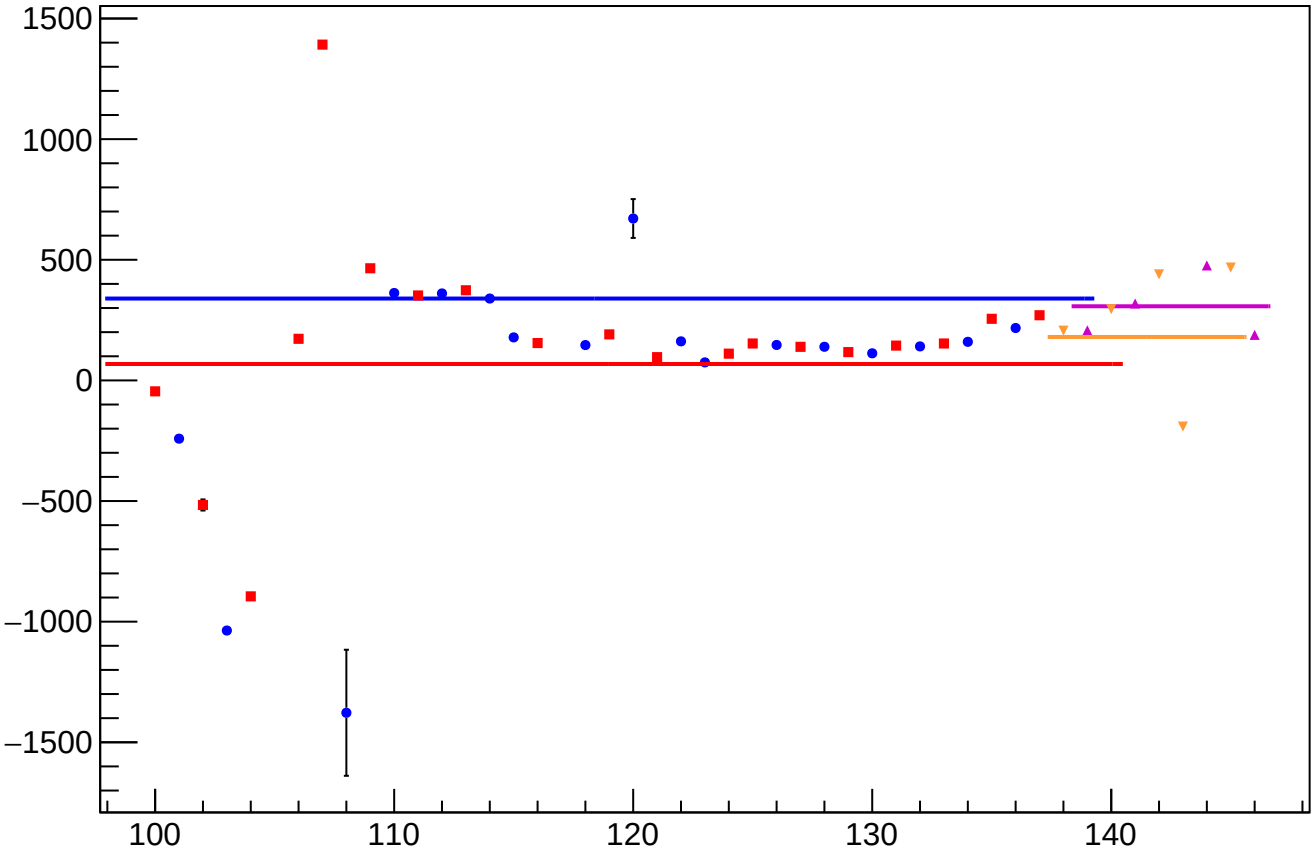
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:603493.4/20

Out: -75.114+/-0.252 χ^2/NDF:173807.9/23

All: -205.160+/-0.000 χ^2/NDF: 1043758.7/44

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 180.062+/-0.566 χ^2/NDF:76560.5/4

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 307.291+/-0.742 χ^2/NDF:19087.7/3

Left: 226.923+/-0.450 χ^2/NDF: 114244.1/8

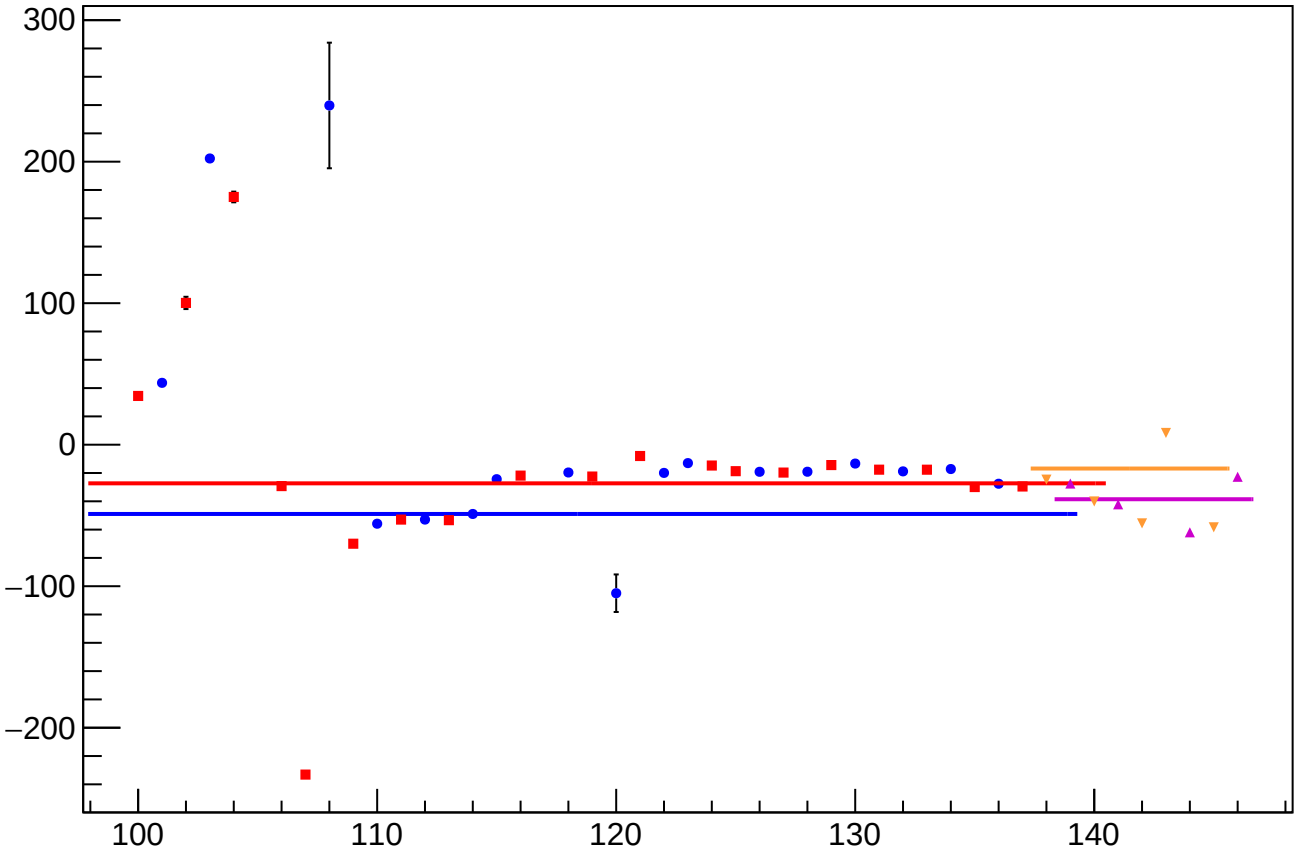
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1051560.3/20

Out: 90.807+/-0.255 χ^2/NDF:380081.4/23

All: 339.325+/-0.000 χ^2/NDF: 2378915.3/44

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -16.842+/-0.021 χ^2/NDF:527483.2/4

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -38.538+/-0.059 χ^2/NDF:27812.1/3

Left: -19.261+/-0.020 χ^2/NDF: 673723.0/8

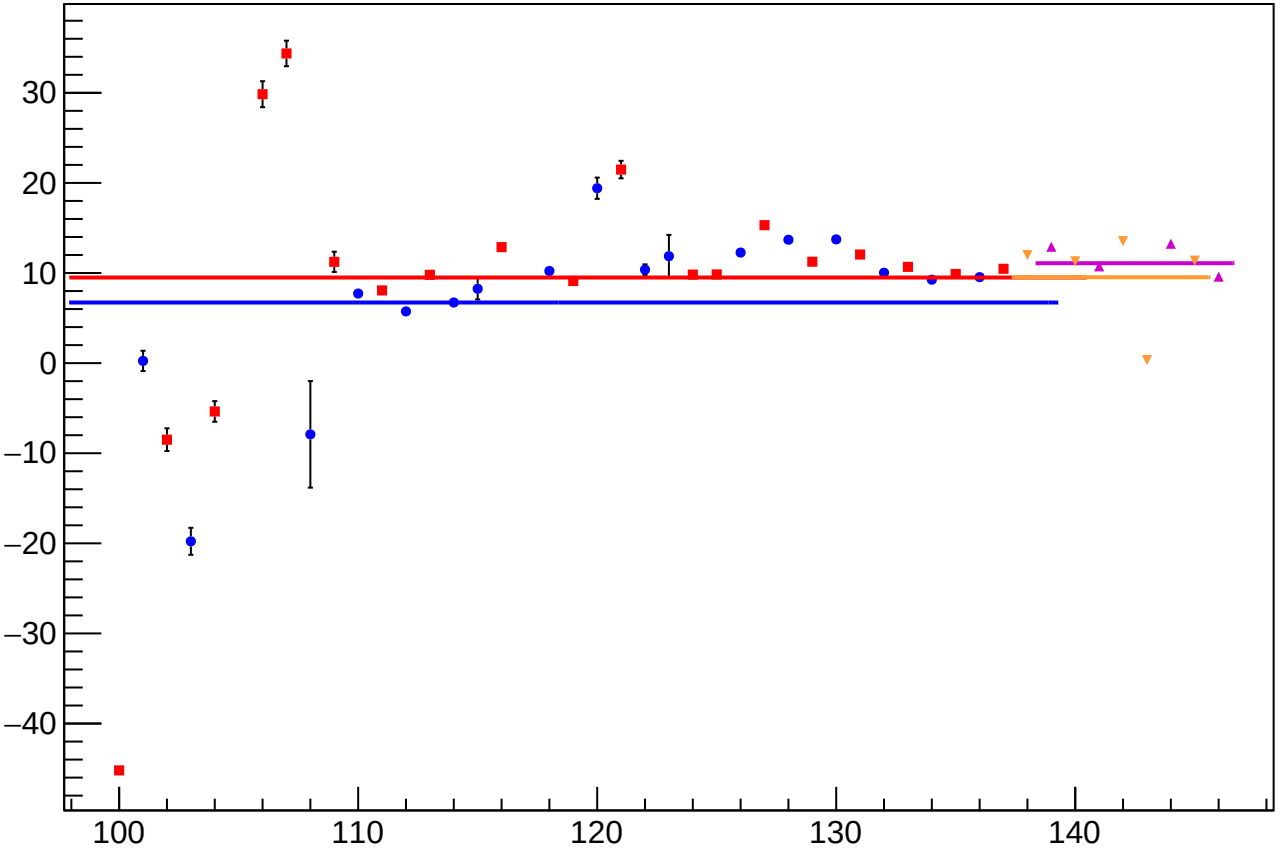
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:5466853.7/20

Out: -18.330+/-0.019 χ^2/NDF:730489.3/23

All: -48.945+/-0.000 χ^2/NDF: 8662553.7/44

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.533+/-0.035 χ^2/NDF:20365.8/4

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.090+/-0.035 χ^2/NDF:1983.5/3

Left: 10.294+/-0.025 χ^2/NDF: 23344.6/8

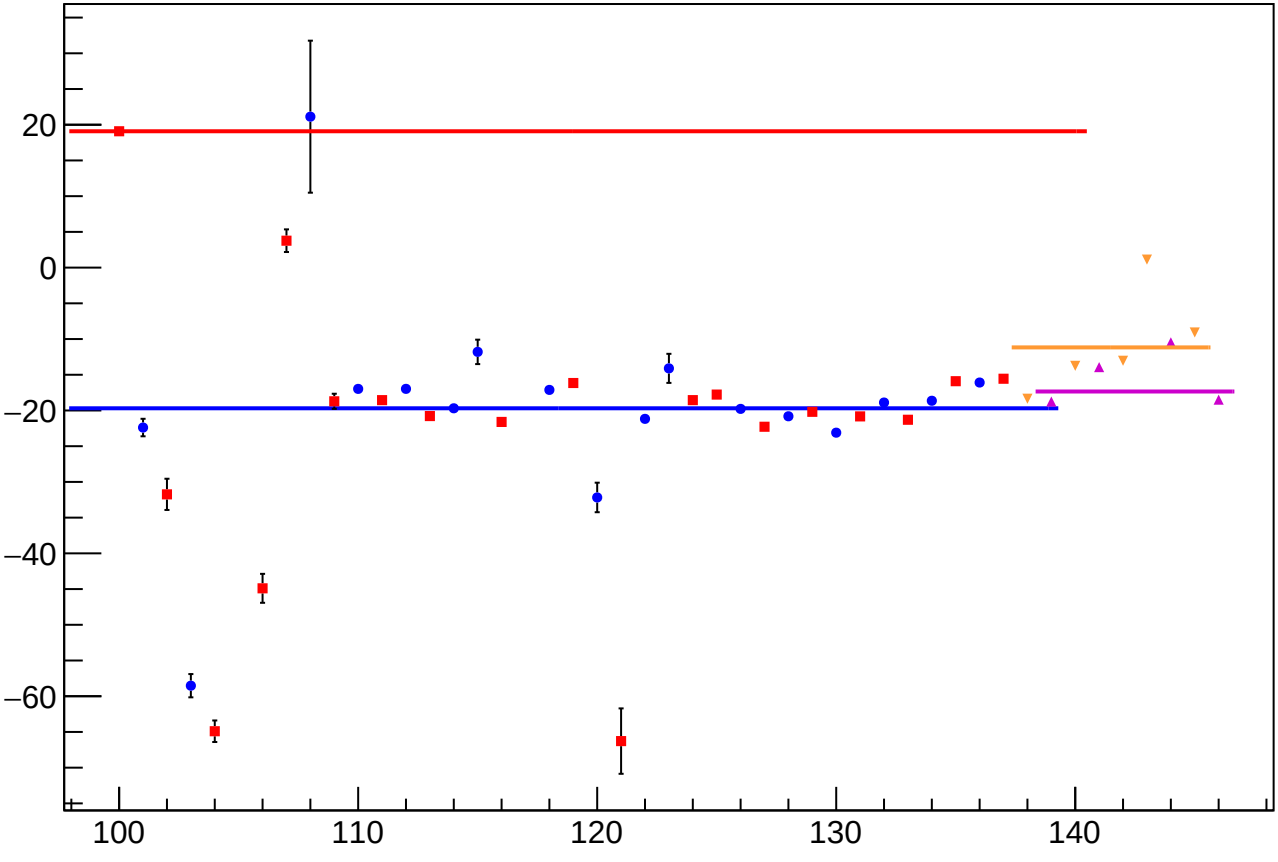
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:31011.5/20

Out: 9.518+/-0.025 χ^2/NDF:47188.4/23

All: 6.728+/-0.000 χ^2/NDF: 90870.5/44

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -11.170+/-0.050 χ^2/NDF:16889.5/4

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -17.343+/-0.043 χ^2/NDF:3468.0/3

Left: -14.693+/-0.033 χ^2/NDF: 29148.4/8

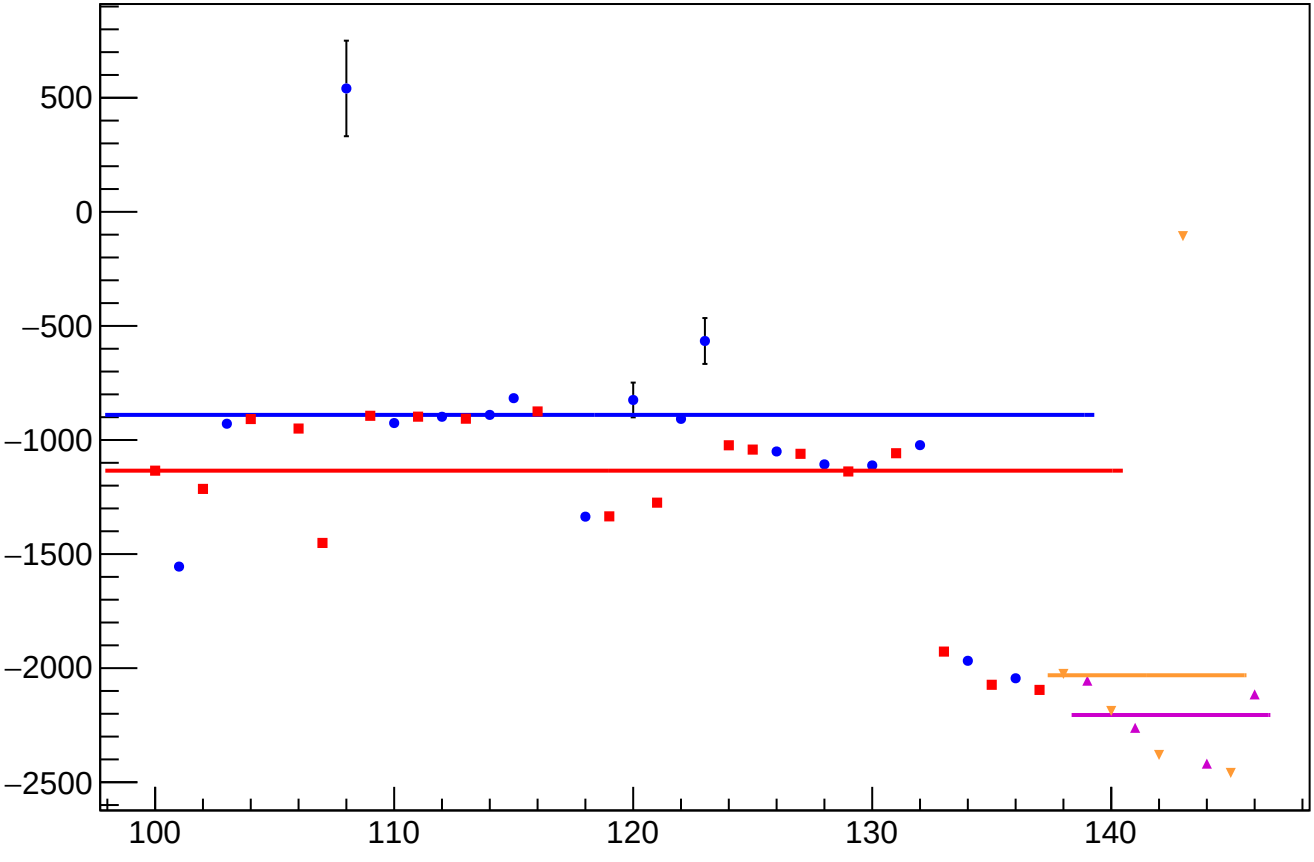
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:14013.5/20

Out: 19.086+/-0.000 χ^2/NDF:997681.5/23

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: -2031.170+/-1.172 χ^2/NDF:253941.6/4

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2205.327+/-1.003 χ^2/NDF:21098.6/3

Left: -2131.716+/-0.762 χ^2/NDF: 287791.6/8

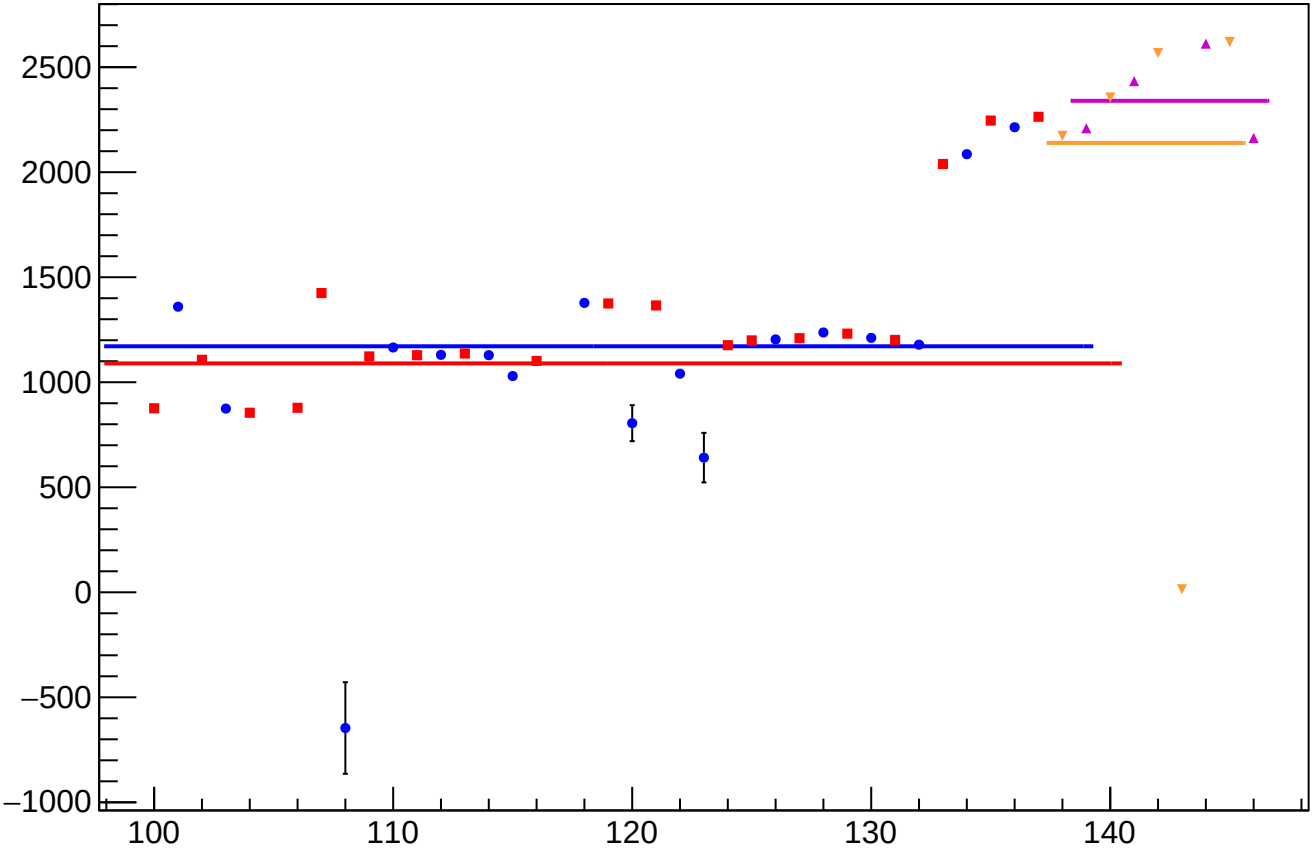
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:2518027.8/20

Out: -1134.421+/-0.000 χ^2/NDF:1573341.0/23

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: 2139.278+/-1.239 χ^2/NDF:295441.3/4

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2339.899+/-1.085 χ^2/NDF:26041.7/3

Left: 2252.865+/-0.816 χ^2/NDF: 336324.2/8

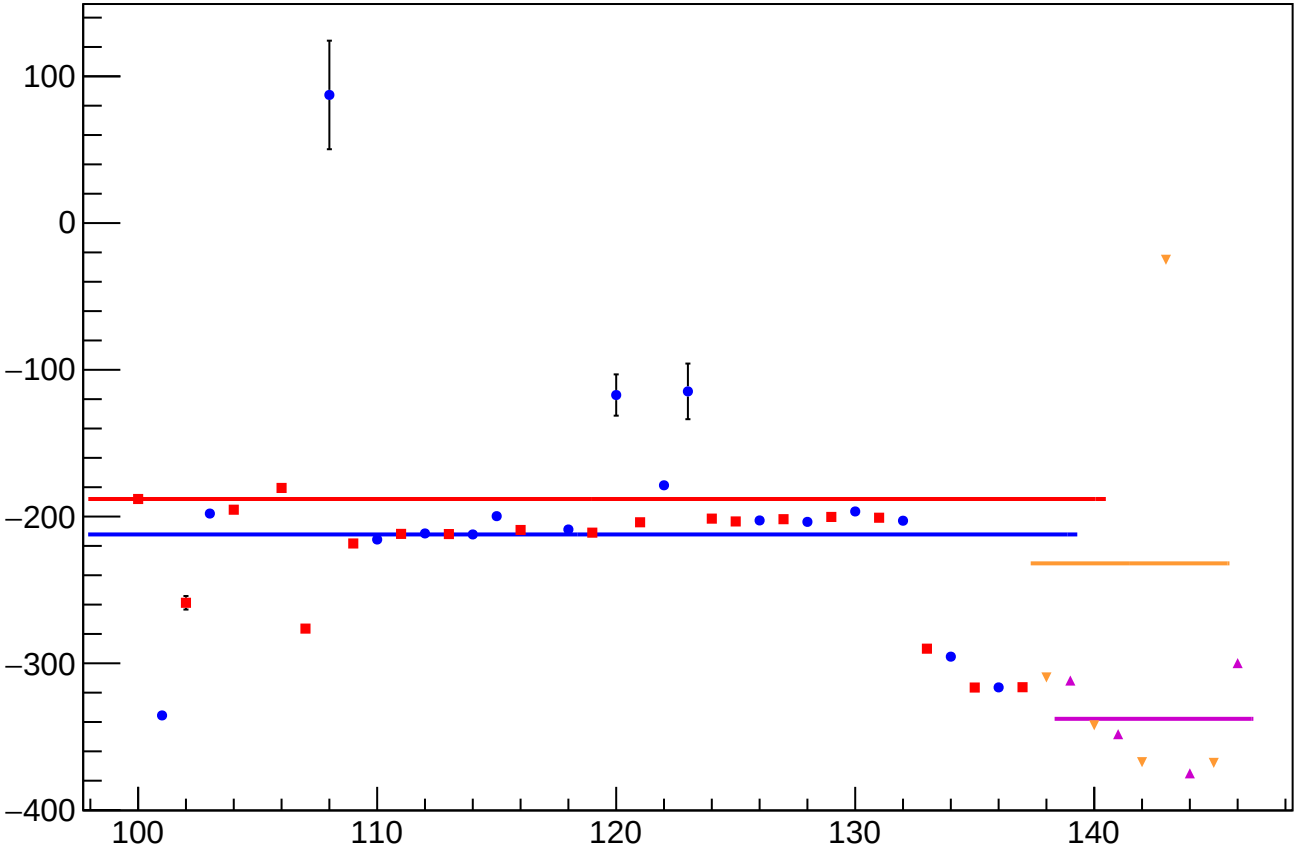
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1228.085+/-0.239 χ^2/NDF:1639463.9/20

Out: 1131.849+/-0.248 χ^2/NDF:2084398.2/23

All: 1181.738+/-0.172 χ^2/NDF: 3801731.8/44

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -231.898+/-0.060 χ^2/NDF:4905487.5/4

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -337.838+/-0.094 χ^2/NDF:53410.7/3

Left: -262.369+/-0.050 χ^2/NDF: 5867507.0/8

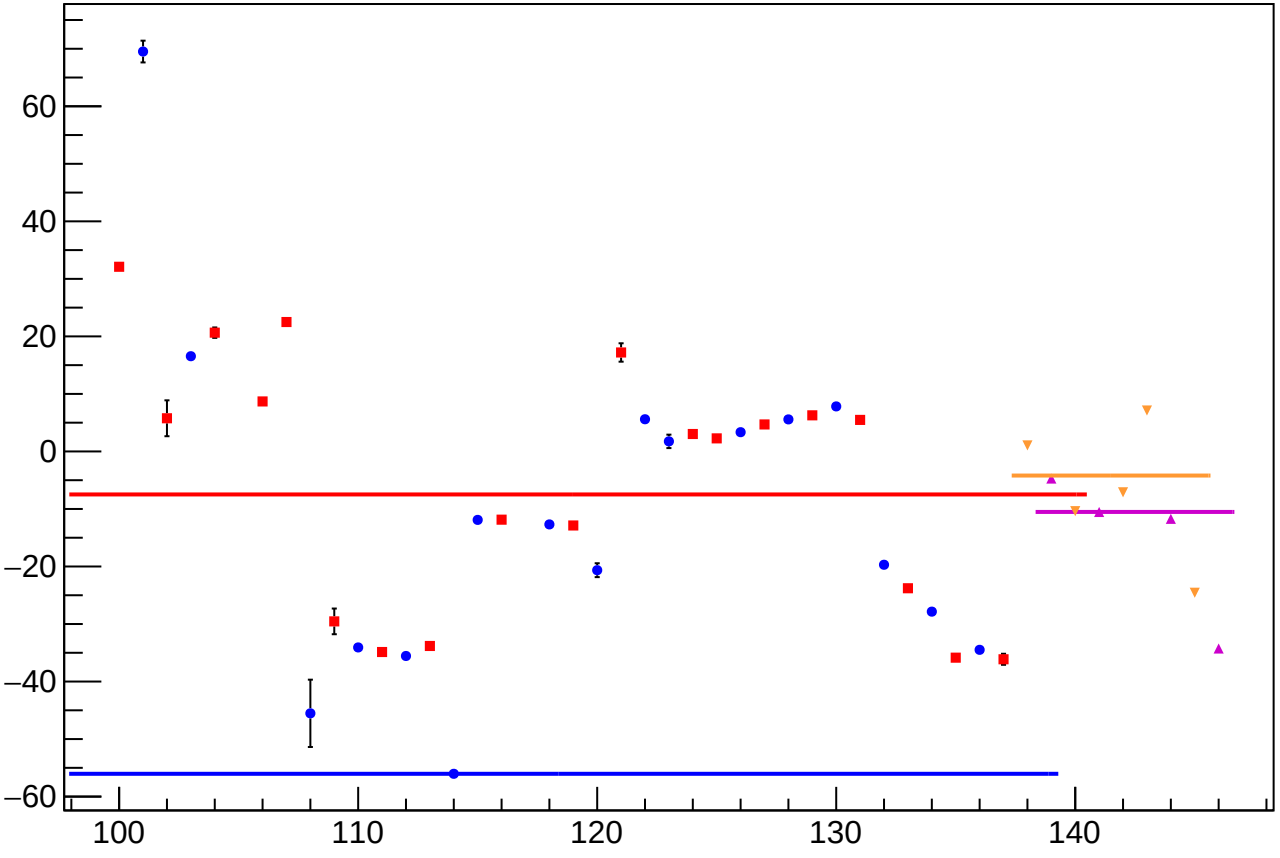
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:2996745.9/20

Out: -188.033+/-0.000 χ^2/NDF:6049326.4/23

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: -4.190+/-0.092 χ^2/NDF:8676.8/4

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -10.516+/-0.074 χ^2/NDF:5975.0/3

Left: -8.022+/-0.058 χ^2/NDF: 17513.3/8

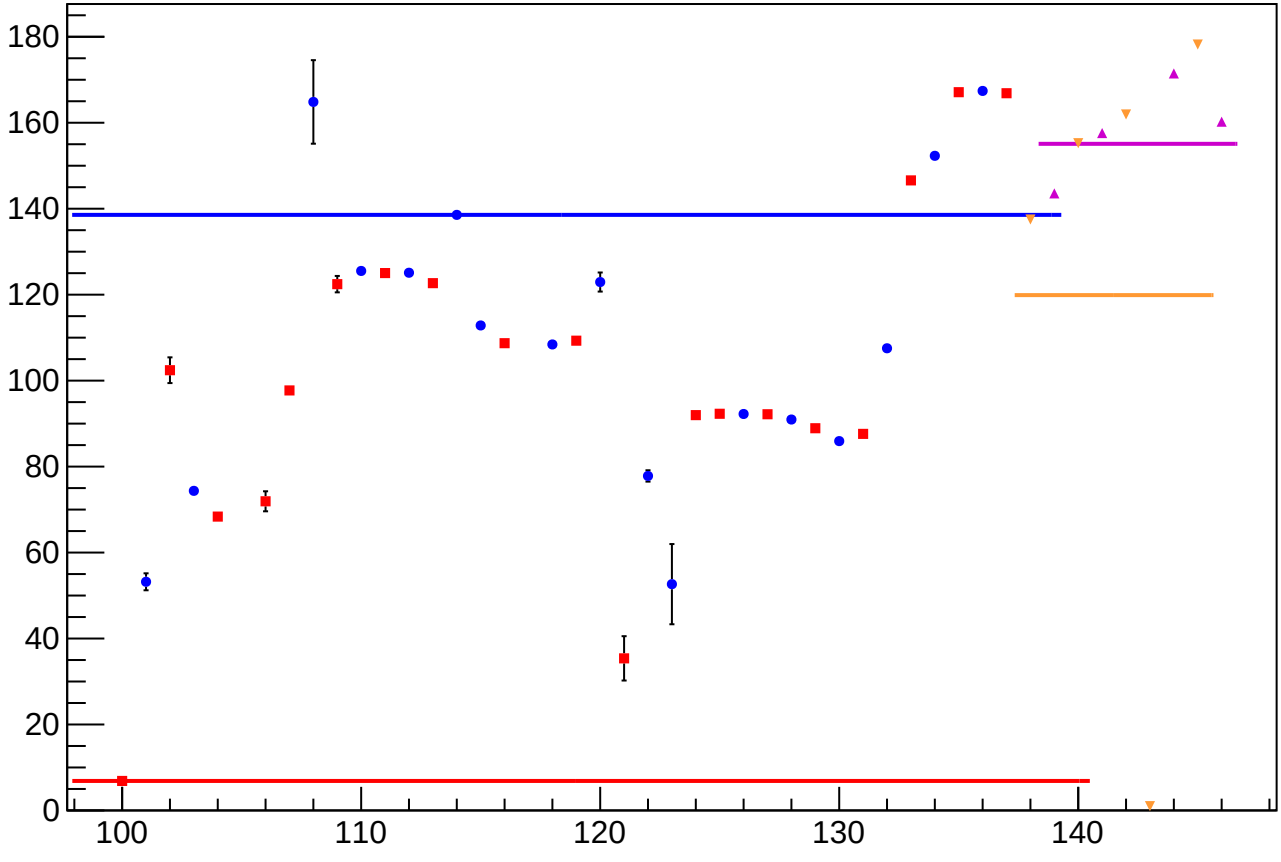
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:1967252.0/20

Out: -6.906+/-0.038 χ^2/NDF:183624.0/23

All: -56.037+/-0.000 χ^2/NDF: 3792750.9/44

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 119.896+/-0.126 χ^2/NDF:268308.7/4

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 155.093+/-0.091 χ^2/NDF:7625.0/3

Left: 142.948+/-0.074 χ^2/NDF: 327128.6/8

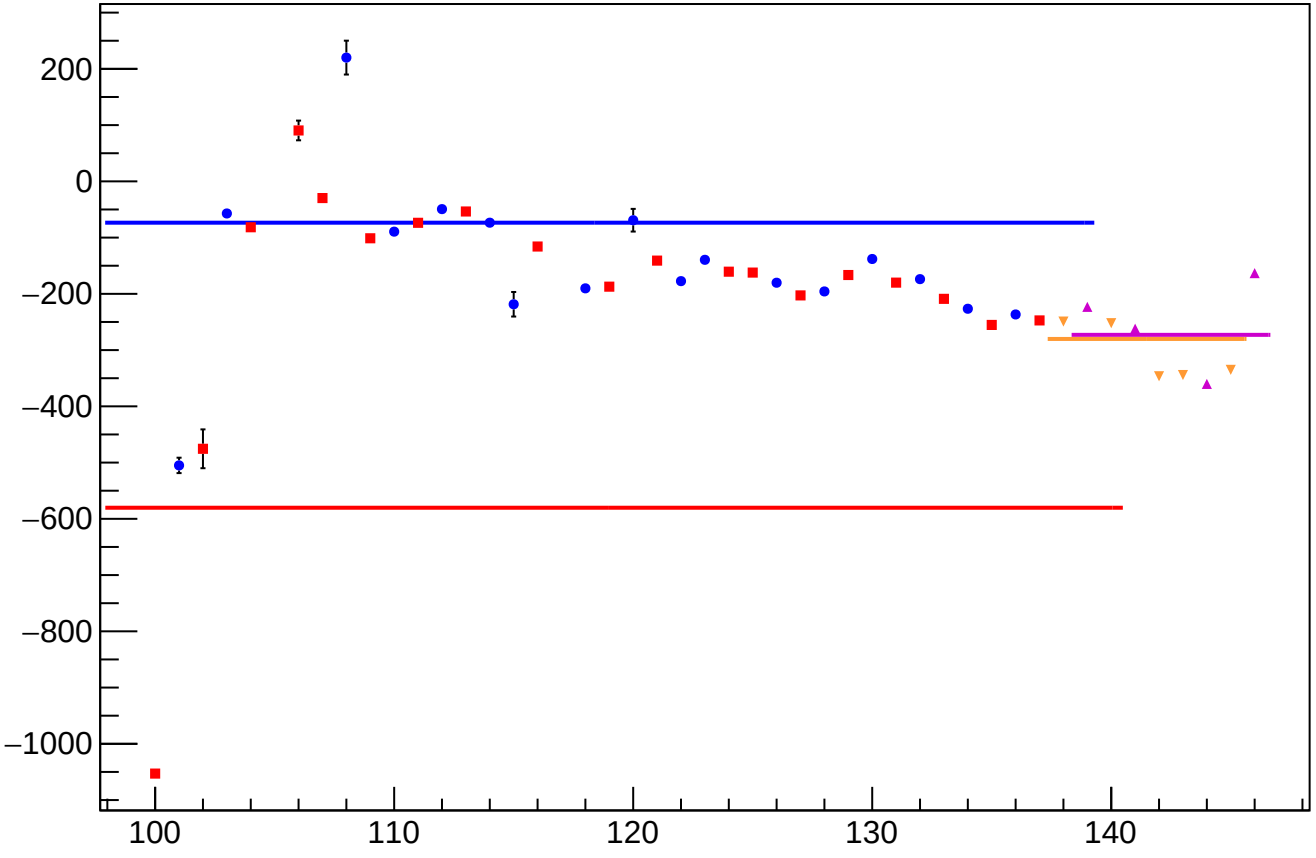
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:941501.6/20

Out: 6.866+/-0.000 χ^2/NDF:9121822.5/23

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: -280.189+/-0.488 χ^2/NDF:7998.2/4

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -272.898+/-0.529 χ^2/NDF:12204.1/3

Left: -276.842+/-0.359 χ^2/NDF: 20304.9/8

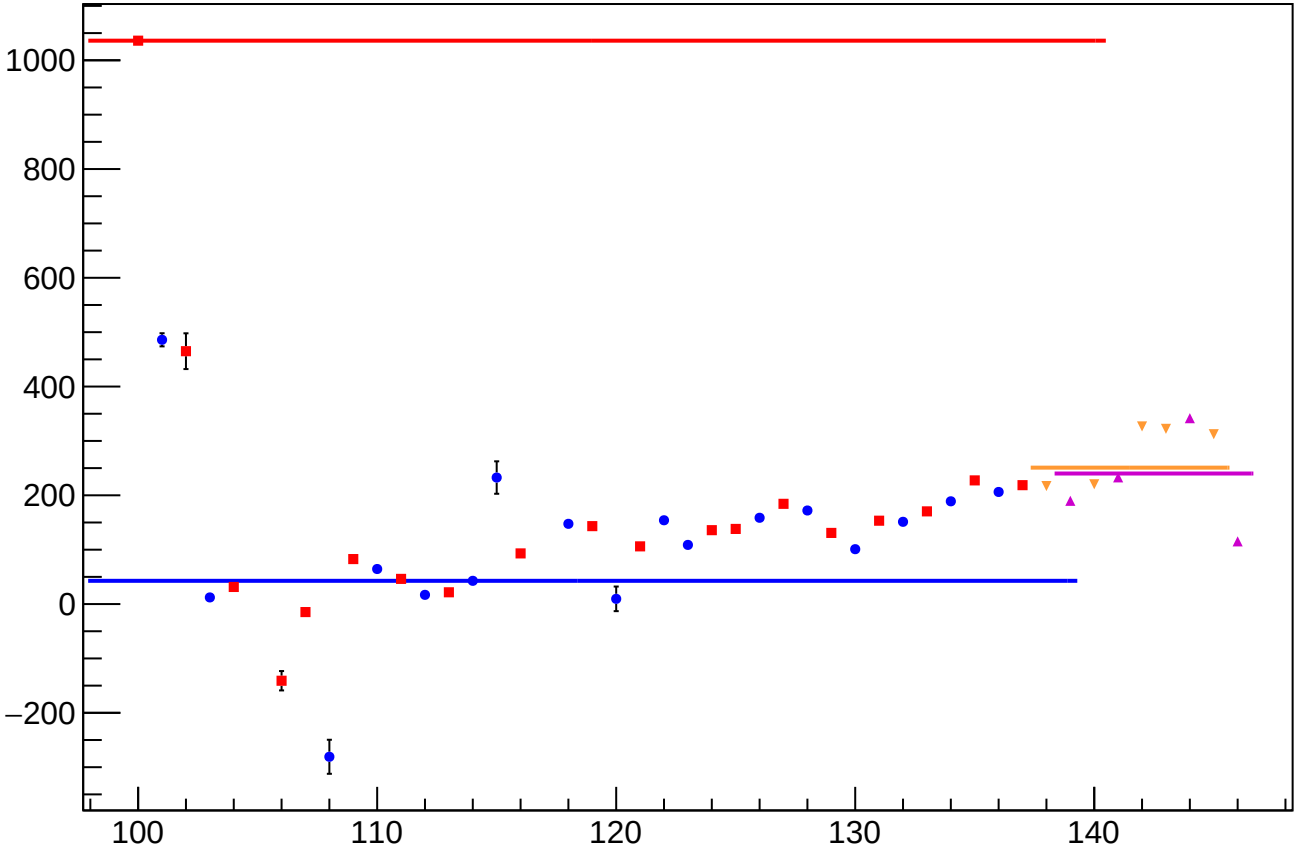
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:252808.0/20

Out: -513.455+/-0.230 χ^2/NDF:3334026.9/23

All: -73.485+/-0.000 χ^2/NDF: 7243913.4/44

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 250.878+/-0.510 χ^2/NDF:9014.5/4

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 240.072+/-0.557 χ^2/NDF:13608.8/3

Left: 245.951+/-0.376 χ^2/NDF: 22828.0/8

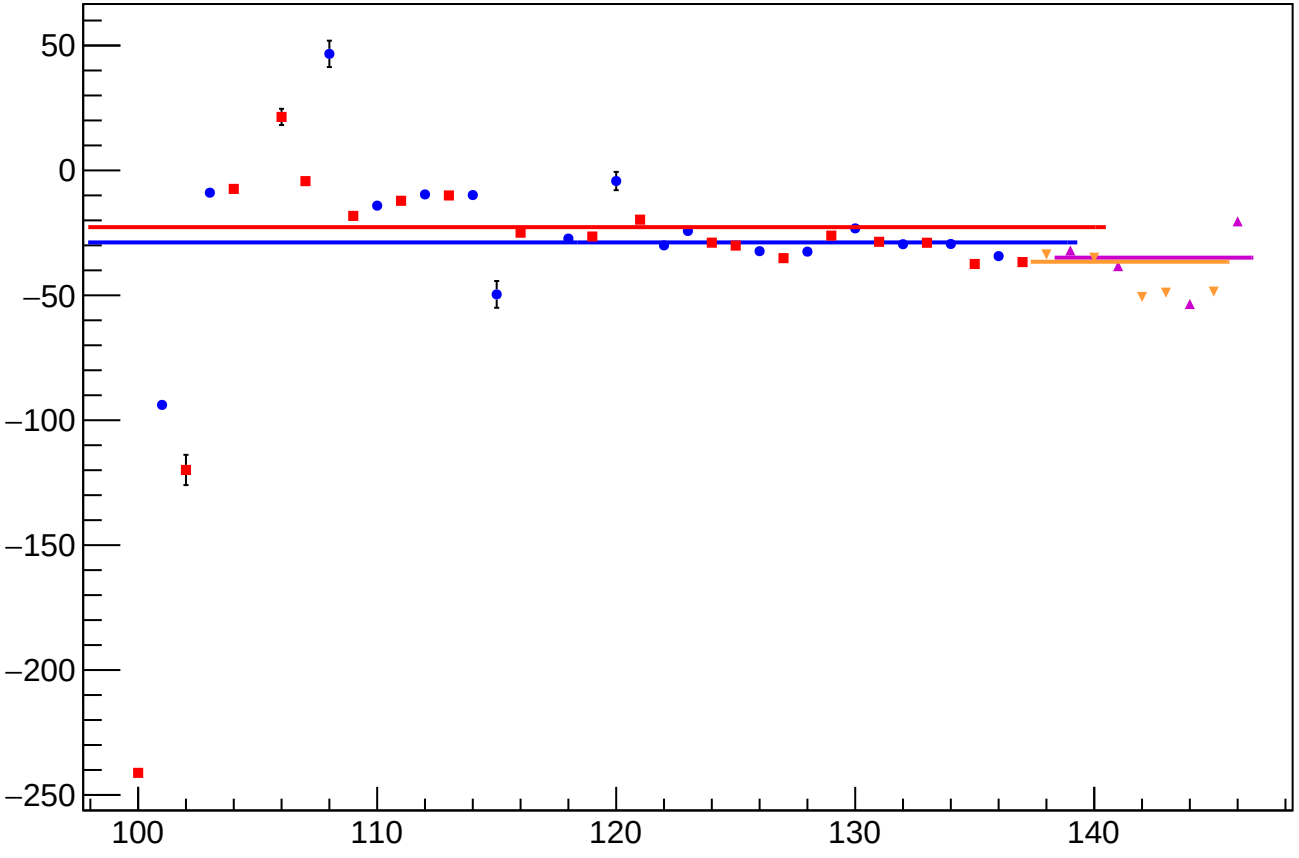
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:223619.5/20

Out: 1036.068+/-0.000 χ^2/NDF:7312752.0/23

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: -36.561+/-0.032 χ^2/NDF:34384.0/4

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -34.918+/-0.041 χ^2/NDF:29048.4/3

Left: -35.942+/-0.025 χ^2/NDF: 64409.0/8

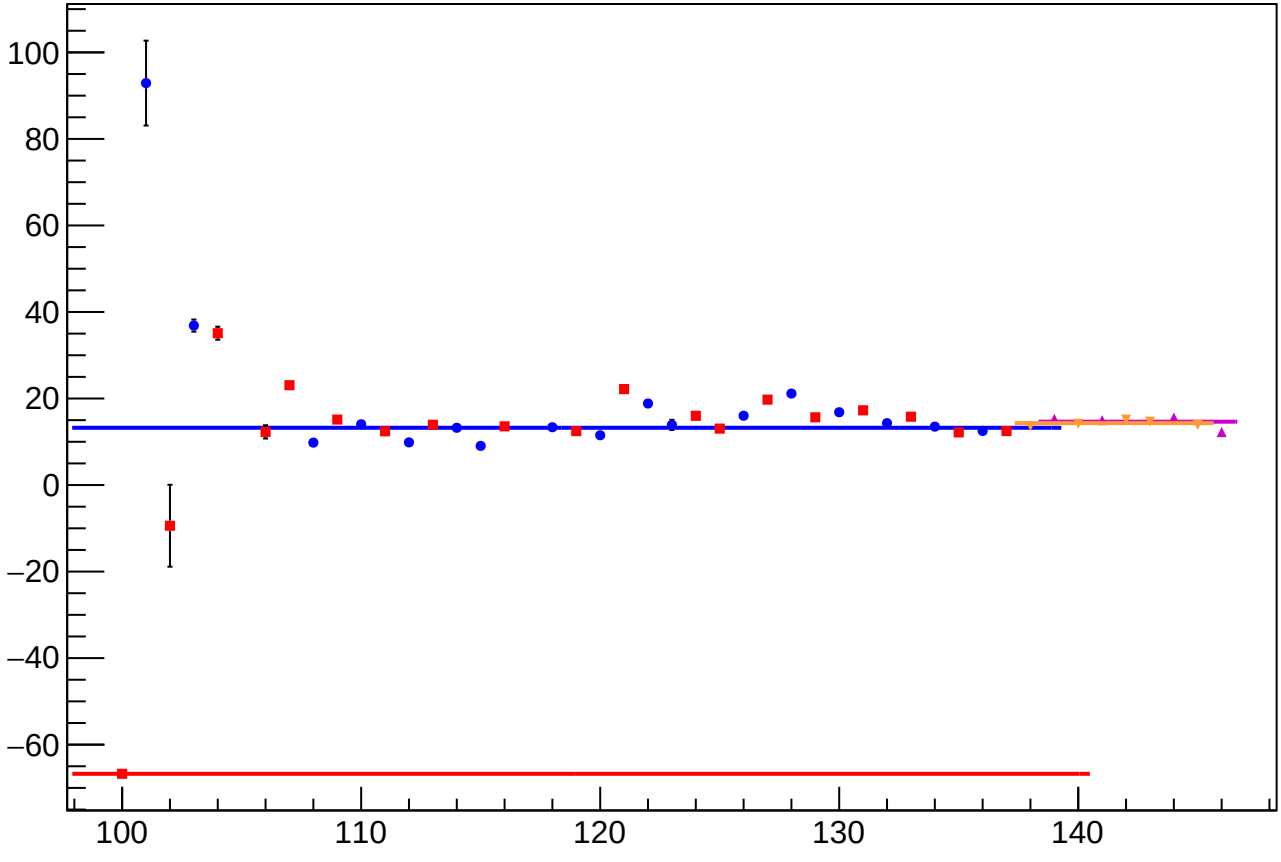
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -31.335+/-0.027 χ^2/NDF:91244.3/20

Out: -30.772+/-0.025 χ^2/NDF:521599.1/23

All: -31.031+/-0.018 χ^2/NDF: 613084.3/44

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.312+/-0.035 χ^2/NDF:130.1/4

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 14.643+/-0.032 χ^2/NDF:1551.7/3

Left: 14.491+/-0.024 χ^2/NDF: 1729.7/8

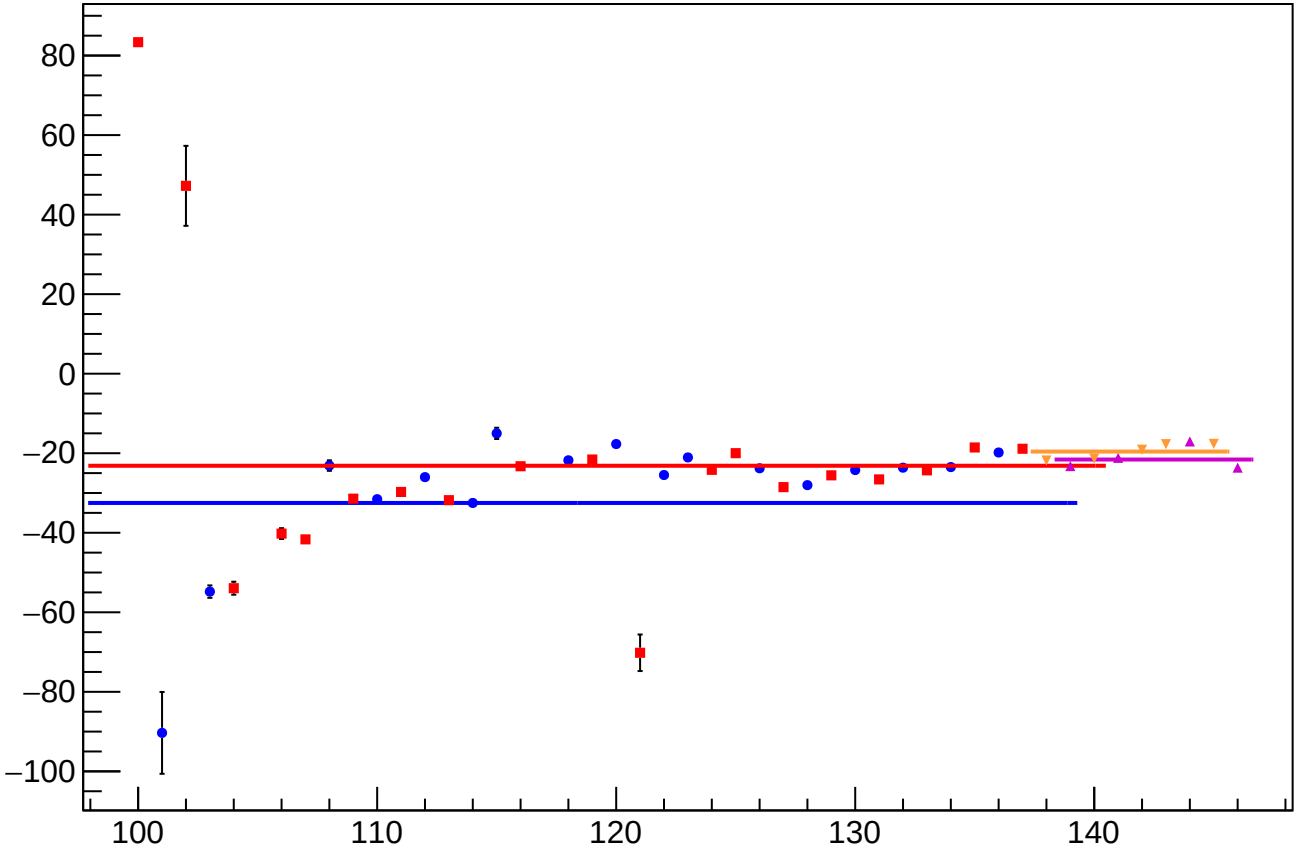
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:9184.5/20

Out: -66.739+/-0.000 χ^2/NDF:8365300.9/23

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: -19.581+/-0.043 χ^2/NDF:1771.7/4

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -21.585+/-0.056 χ^2/NDF:1968.4/3

Left: -20.331+/-0.034 χ^2/NDF: 4539.3/8

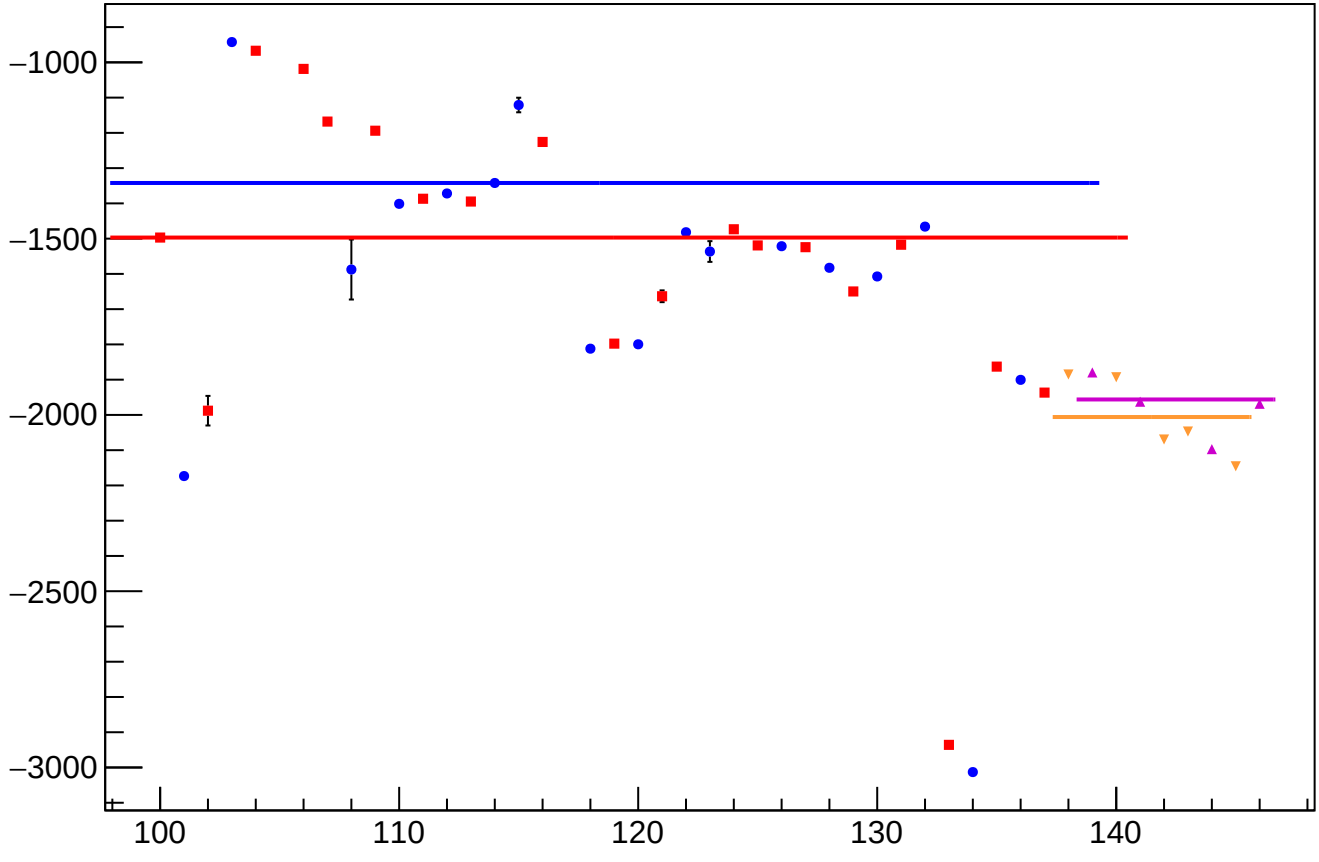
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:114050.3/20

Out: -21.200+/-0.032 χ^2/NDF:95593.0/23

All: -32.504+/-0.000 χ^2/NDF: 333872.9/44

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -2005.959+/-1.028 χ^2/NDF:9102.5/4

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1956.164+/-0.699 χ^2/NDF:12572.1/3

Left: -1971.888+/-0.578 χ^2/NDF: 23279.3/8

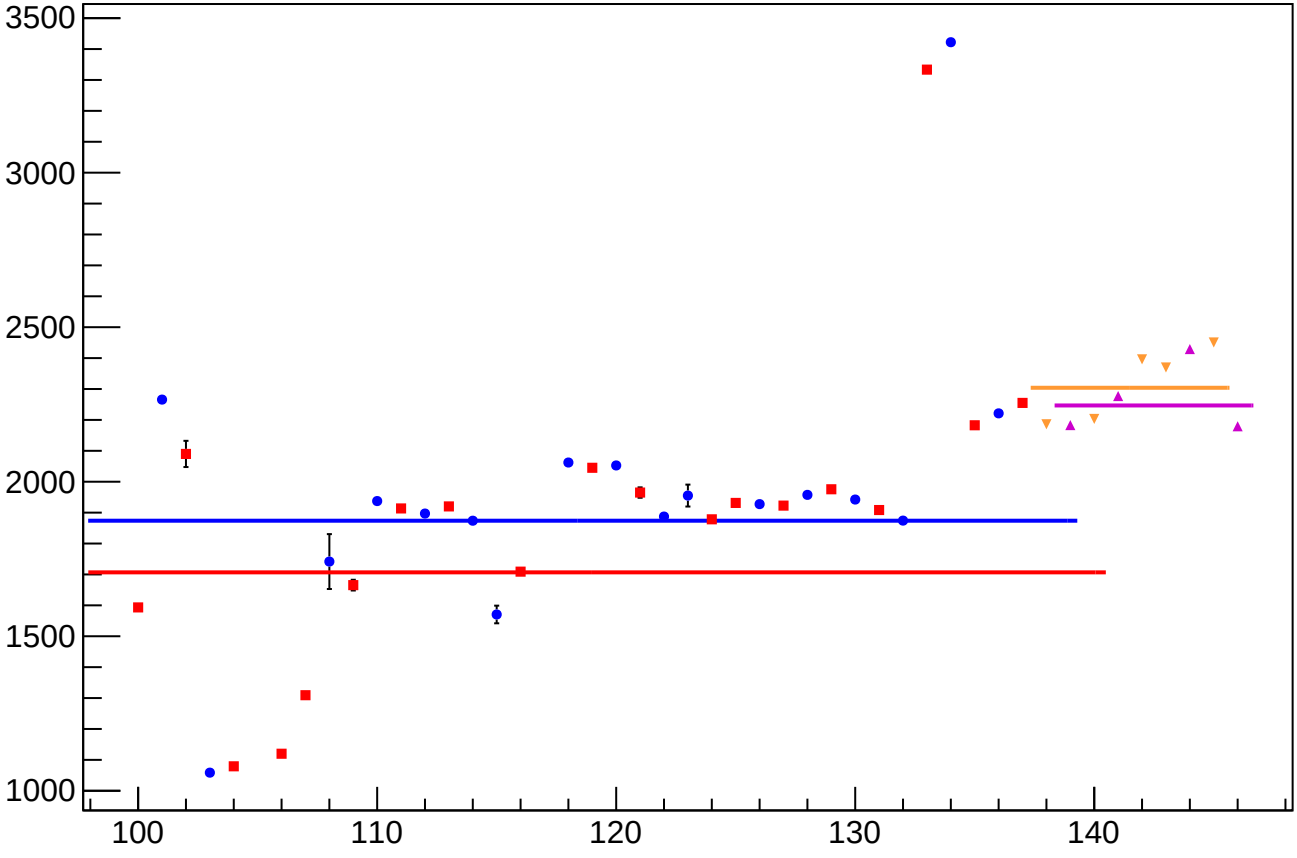
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:1156225.5/20

Out: -1496.932+/-0.000 χ^2/NDF:758881.7/23

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: 2304.023+/-1.142 χ^2/NDF:7158.5/4

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2246.765+/-0.734 χ^2/NDF:15797.6/3

Left: 2263.480+/-0.617 χ^2/NDF: 24734.8/8

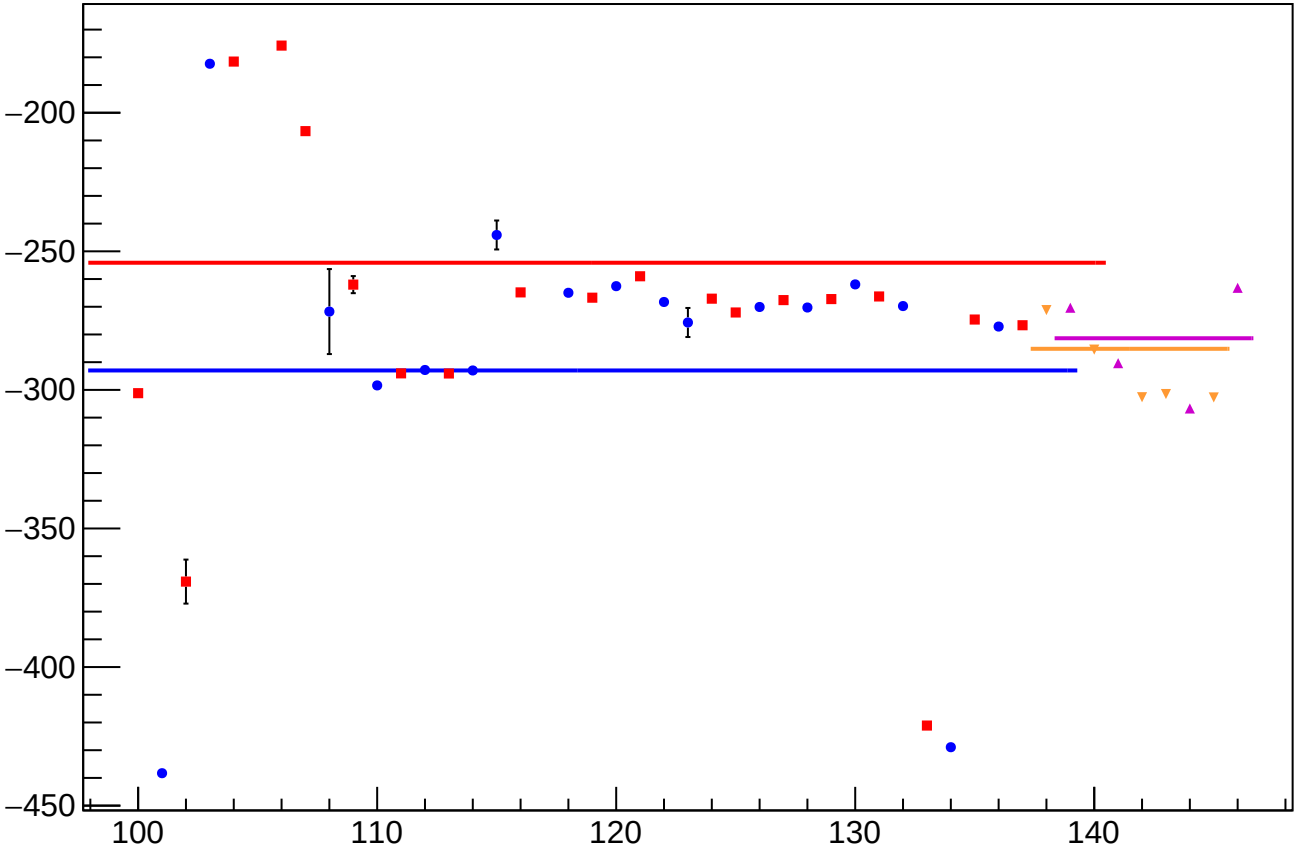
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:475809.4/20

Out: 1745.848+/-0.292 χ^2/NDF:1100550.1/23

All: 1873.852+/-0.000 χ^2/NDF: 1768100.7/44

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -285.171+/-0.073 χ^2/NDF:36326.7/4

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -281.366+/-0.058 χ^2/NDF:49836.7/3

Left: -282.819+/-0.045 χ^2/NDF: 87821.3/8

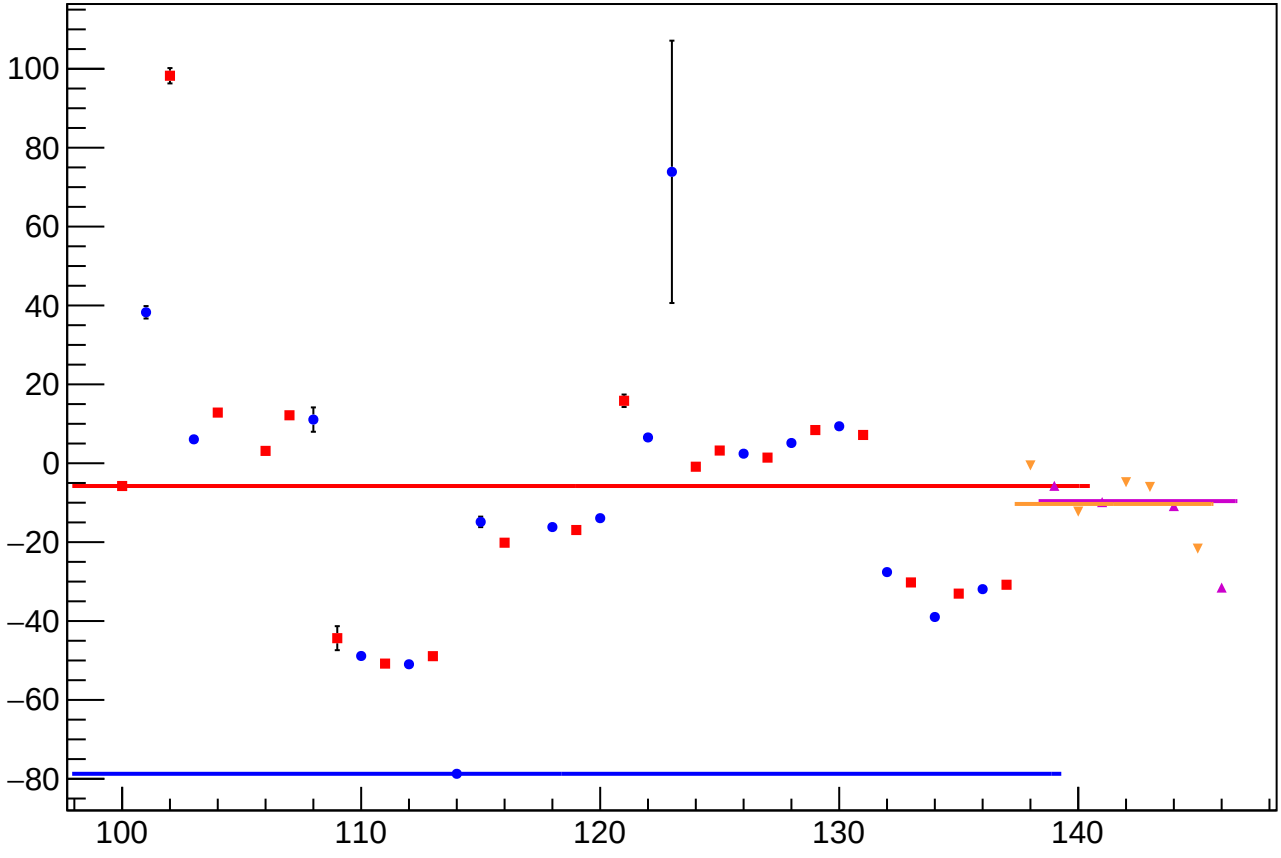
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:1105919.4/20

Out: -266.291+/-0.046 χ^2/NDF:647572.6/23

All: -292.986+/-0.000 χ^2/NDF: 2090190.5/44

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -10.317+/-0.073 χ^2/NDF:3184.2/4

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -9.597+/-0.060 χ^2/NDF:6702.0/3

Left: -9.891+/-0.046 χ^2/NDF: 9944.4/8

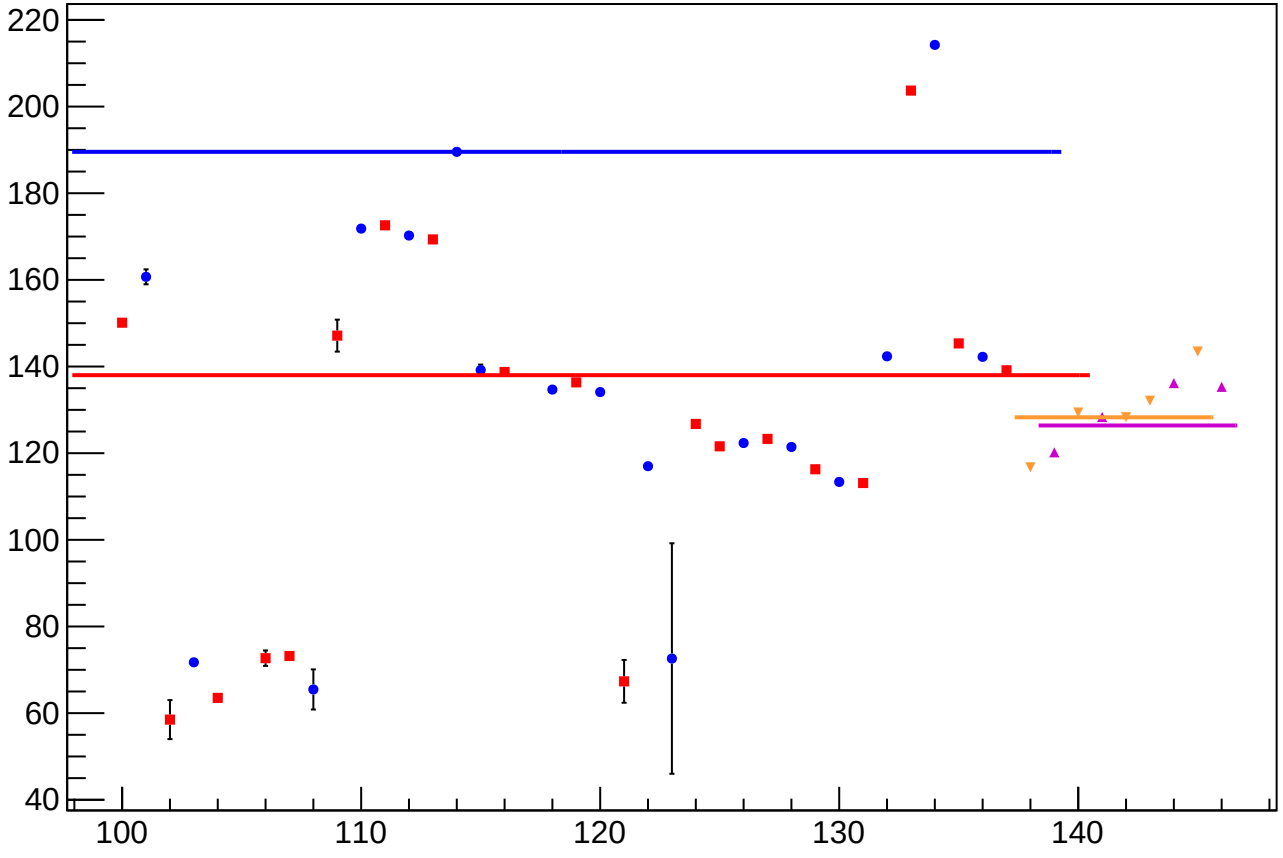
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:2721374.4/20

Out: -5.769+/-0.000 χ^2/NDF:118678.8/23

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: 128.281+/-0.092 χ^2/NDF:4098.5/4

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 126.393+/-0.064 χ^2/NDF:5741.9/3

Left: 127.006+/-0.053 χ^2/NDF: 10122.4/8

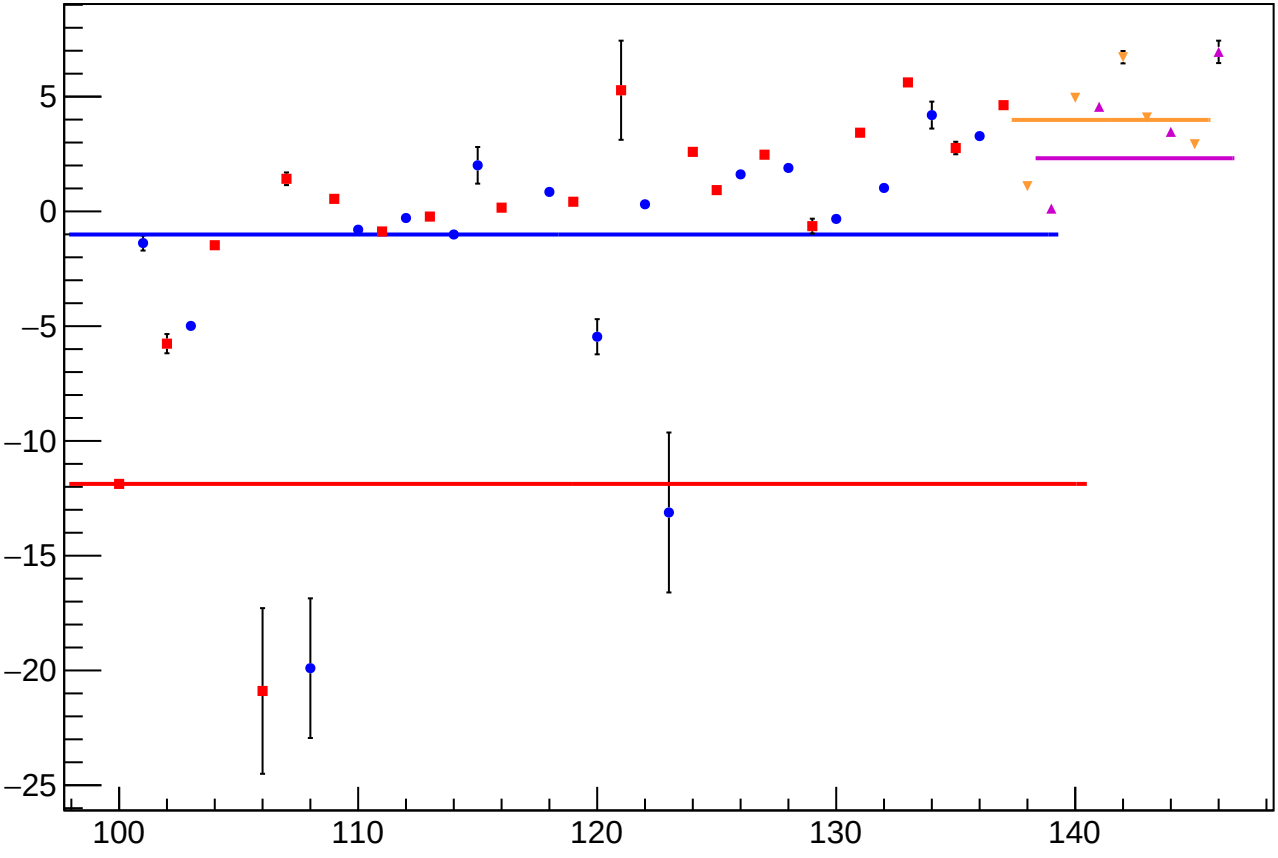
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:1904671.0/20

Out: 135.183+/-0.050 χ^2/NDF:129311.6/23

All: 189.551+/-0.000 χ^2/NDF: 3227384.2/44

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 3.986+/-0.062 χ^2/NDF:473.3/4

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.316+/-0.043 χ^2/NDF:2051.9/3

Left: 2.866+/-0.035 χ^2/NDF: 3018.6/8

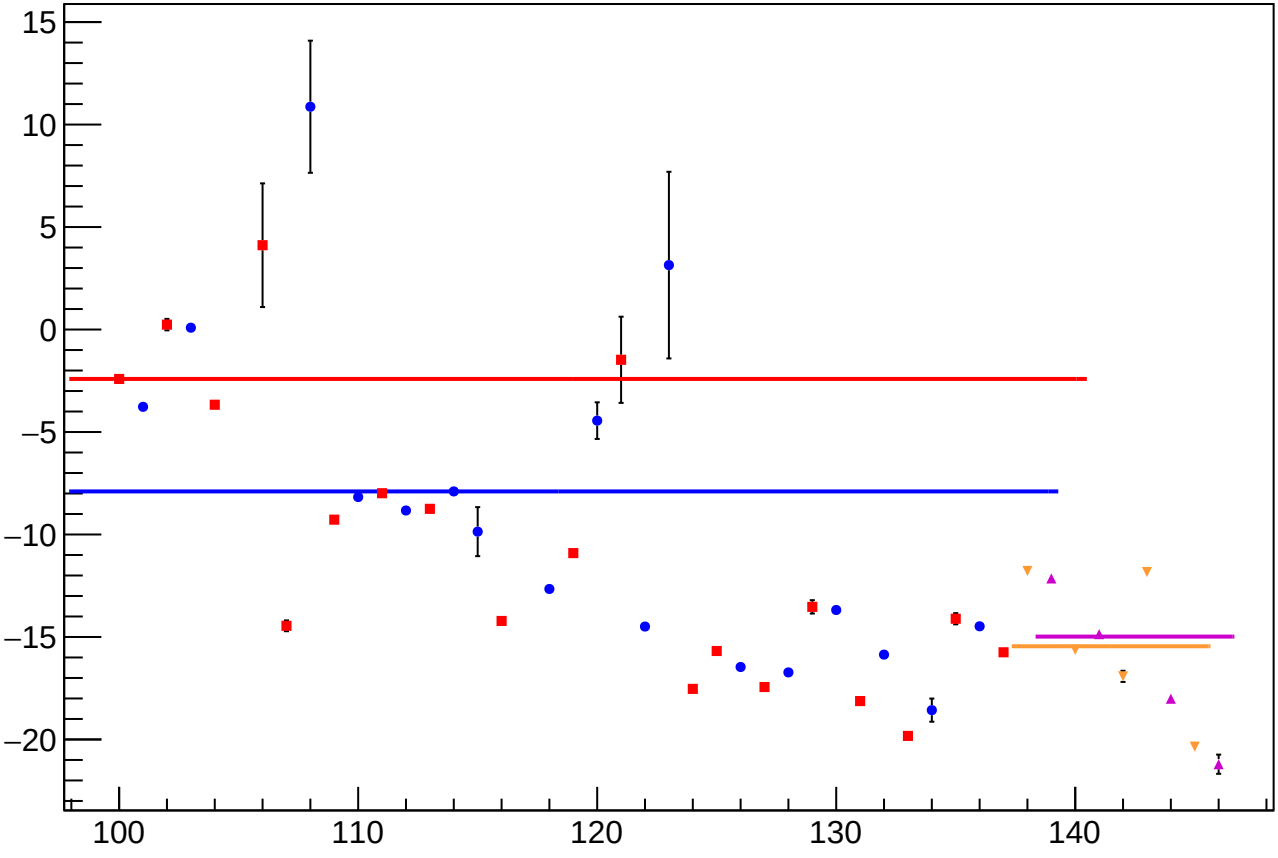
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:15039.9/20

Out: -11.872+/-0.000 χ^2/NDF:570399.3/23

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: -15.453+/-0.061 χ^2/NDF:2795.8/4

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -14.981+/-0.062 χ^2/NDF:1295.6/3

Left: -15.220+/-0.043 χ^2/NDF: 4121.1/8

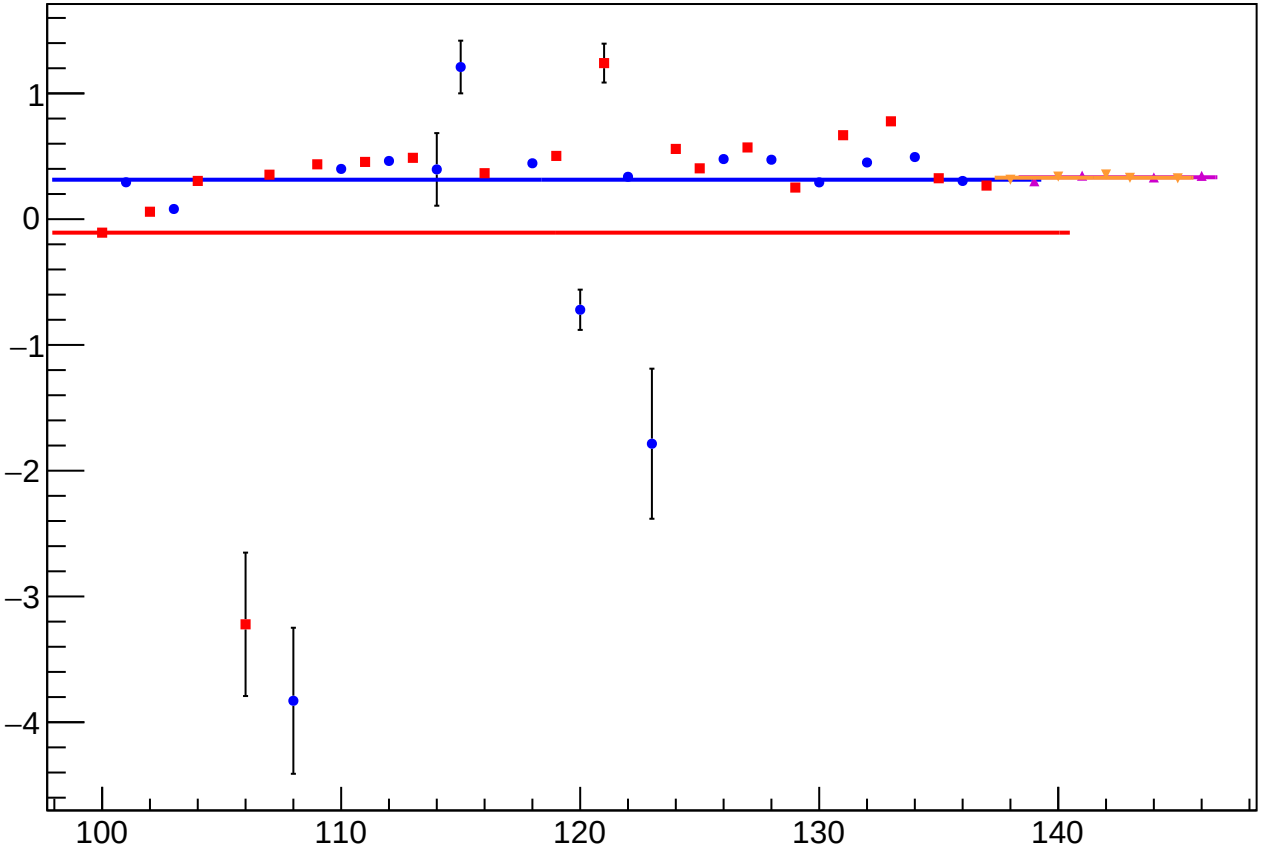
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:53987.9/20

Out: -2.410+/-0.000 χ^2/NDF:252044.9/23

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: 0.330+/-0.001 χ^2/NDF:238.9/4

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.333+/-0.001 χ^2/NDF:268.3/3

Left: 0.331+/-0.001 χ^2/NDF: 519.0/8

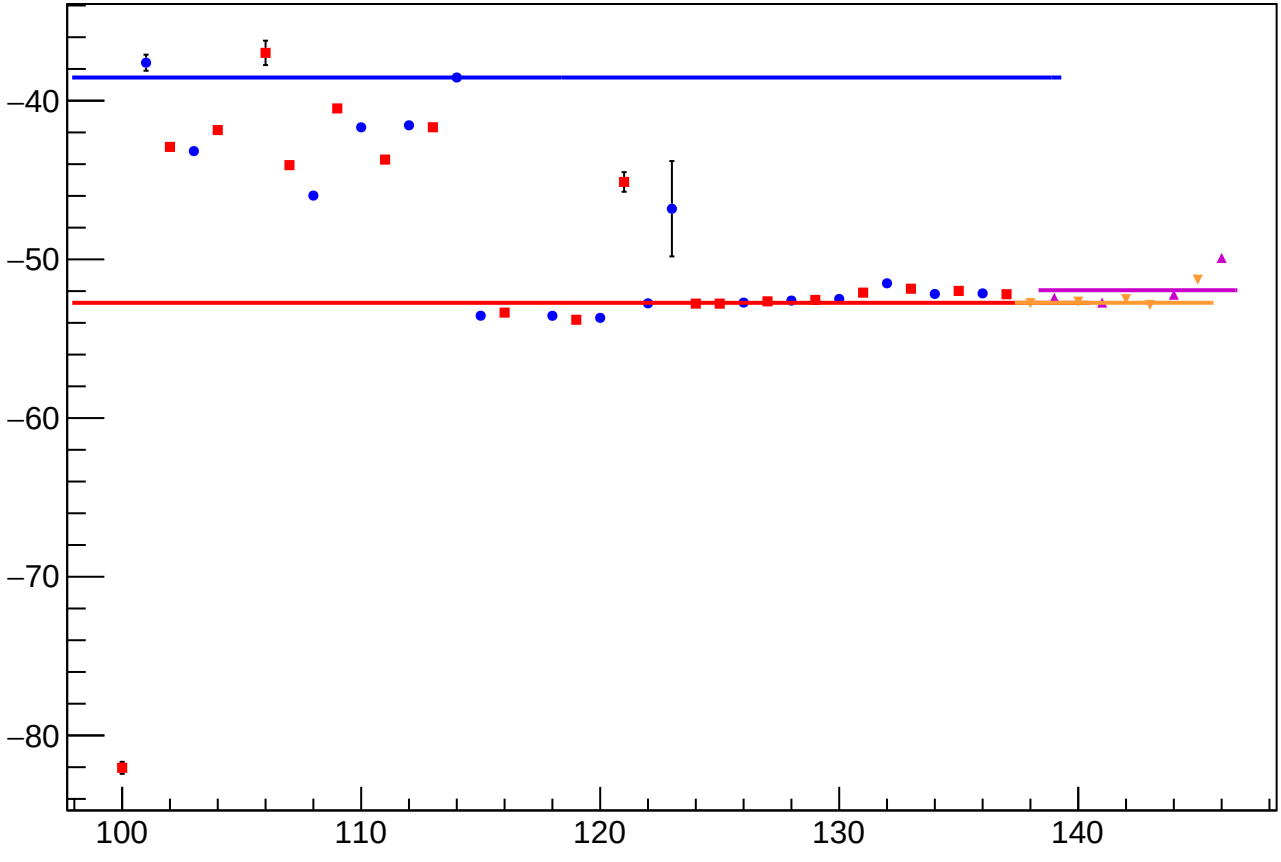
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.326+/-0.001 χ^2/NDF:3277.0/20

Out: -0.107+/-0.000 χ^2/NDF:592726.4/23

All: -0.107+/-0.000 χ^2/NDF: 1168190.3/44

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -52.735+/-0.005 χ^2/NDF:1899.5/4

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -51.944+/-0.006 χ^2/NDF:39773.2/3

Left: -52.369+/-0.004 χ^2/NDF: 52121.7/8

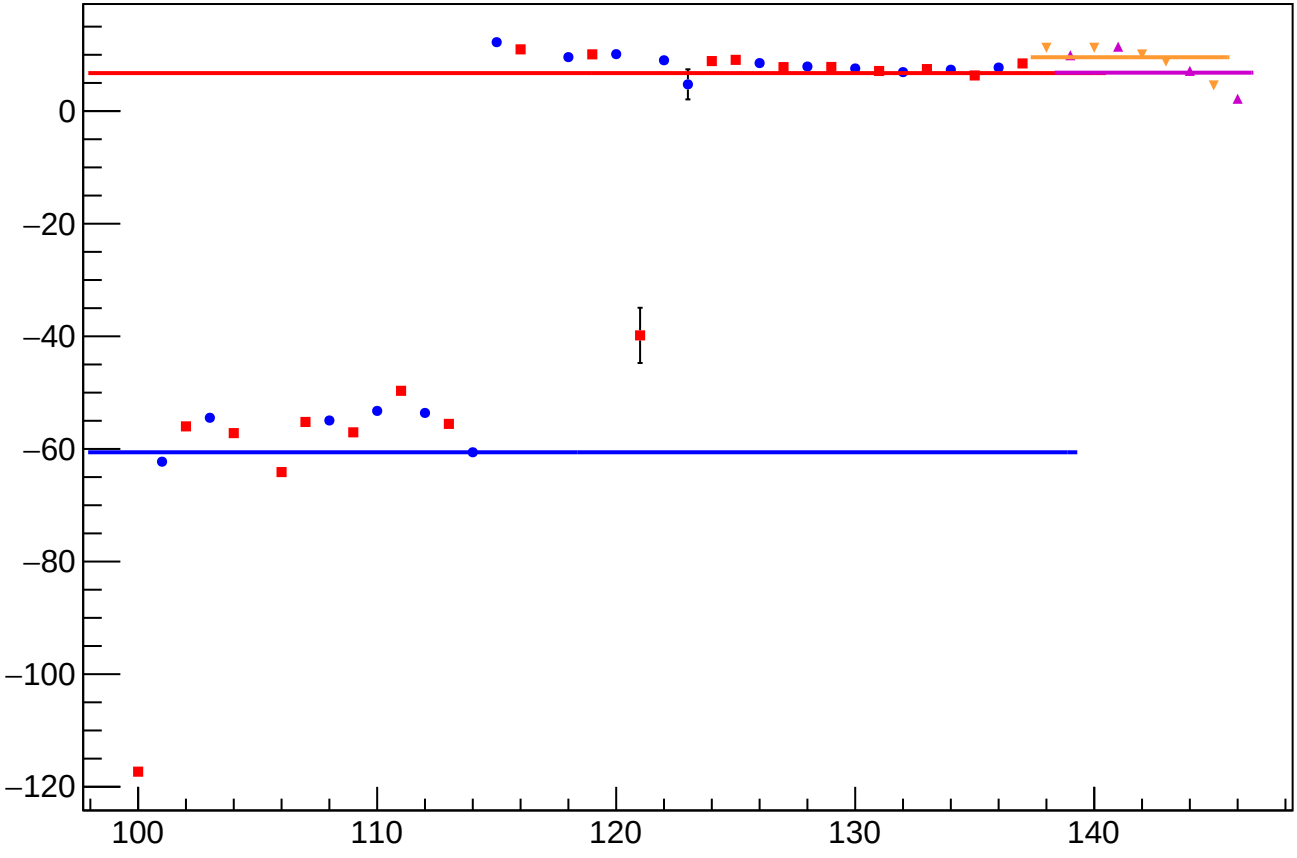
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:20583817.2/20

Out: -52.737+/-0.002 χ^2/NDF:89329.9/23

All: -38.539+/-0.000 χ^2/NDF: 85014805.7/44

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 9.566+/-0.013 χ^2/NDF:25802.9/4

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 6.824+/-0.014 χ^2/NDF:86769.2/3

Left: 8.240+/-0.010 χ^2/NDF: 133130.7/8

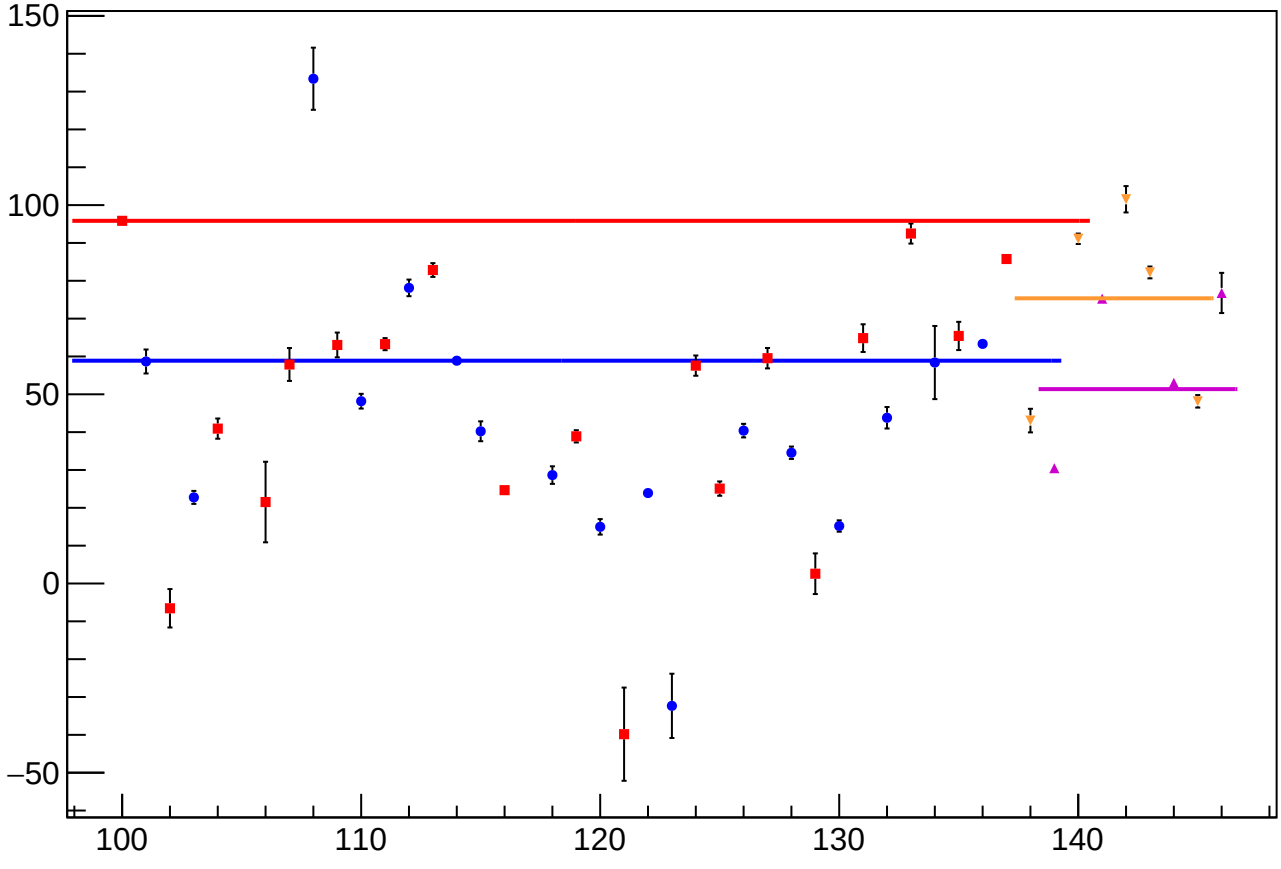
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:50280179.6/20

Out: 7.895+/-0.008 χ^2/NDF:1319030.8/23

All: -60.594+/-0.000 χ^2/NDF: 116788438.9/4

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 75.367+/-0.821 χ^2/NDF:583.6/4

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 51.368+/-0.589 χ^2/NDF:928.9/3

Left: 59.524+/-0.478 χ^2/NDF: 2077.1/8

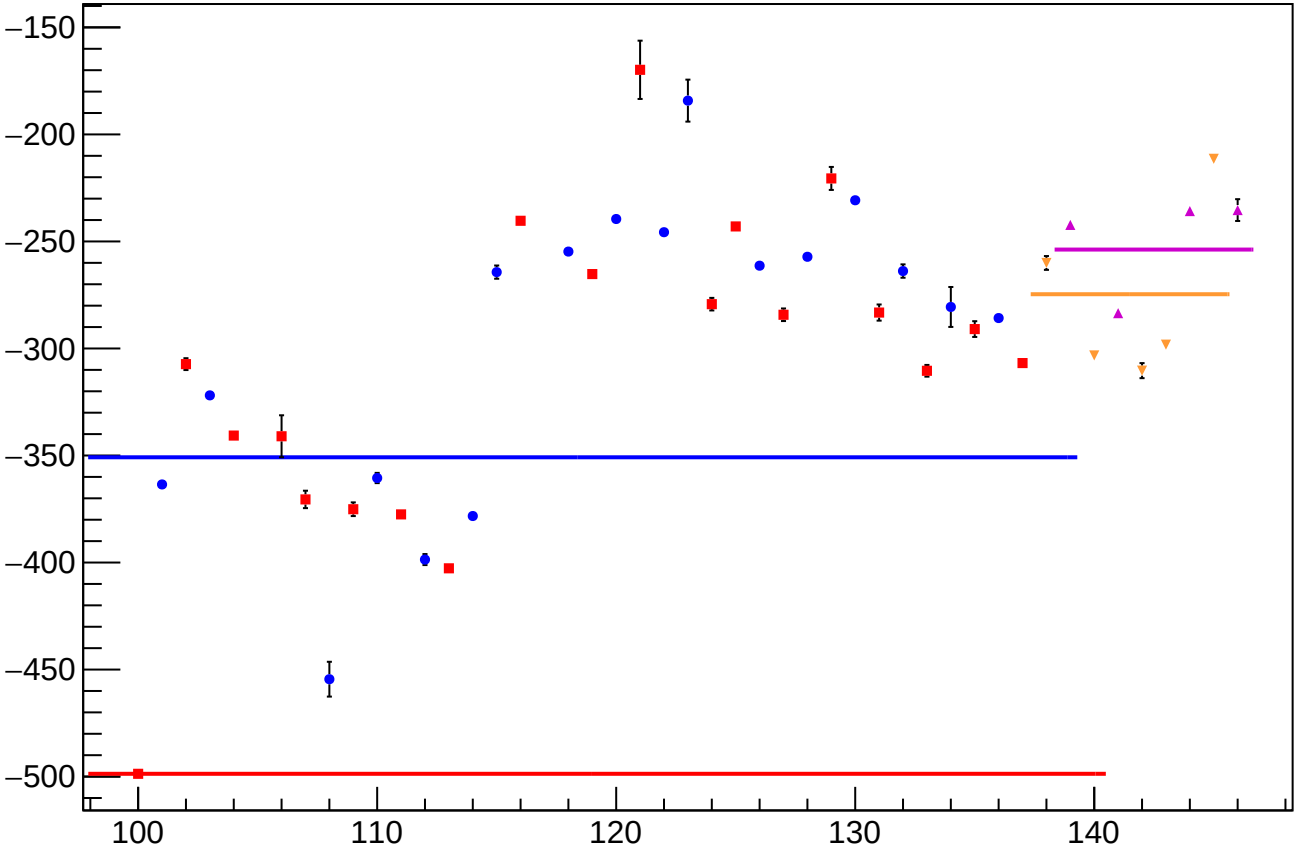
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:4906.3/20

Out: 95.846+/-0.000 χ^2/NDF:40591.4/23

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: -274.655+/-0.811 χ^2/NDF:2424.9/4

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -253.792+/-0.626 χ^2/NDF:1082.2/3

Left: -261.582+/-0.495 χ^2/NDF: 3922.0/8

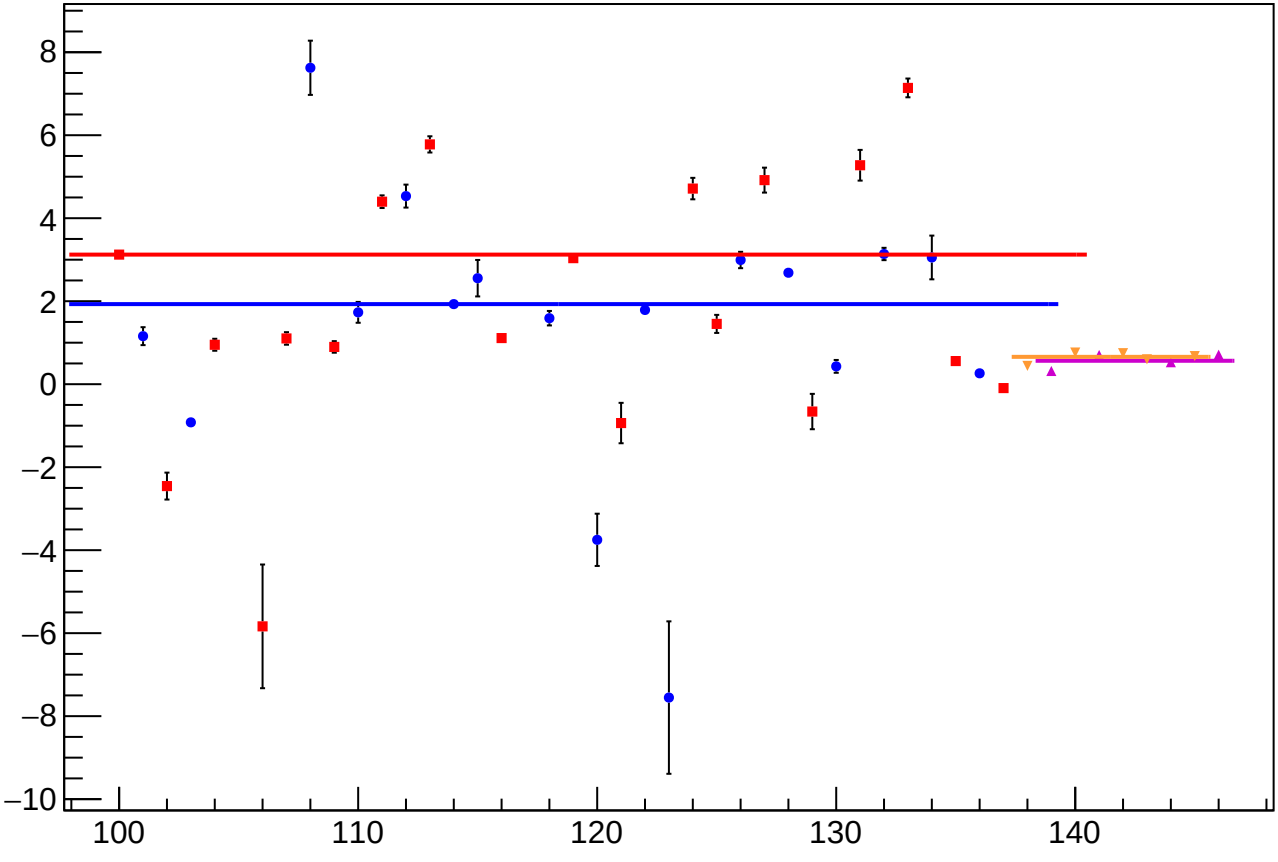
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -337.981+/-0.228 χ^2/NDF:63240.8/20

Out: -498.692+/-0.000 χ^2/NDF:590650.1/23

All: -498.692+/-0.000 χ^2/NDF: 1151761.7/44

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.659+/-0.006 χ^2/NDF:315.1/4

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.564+/-0.004 χ^2/NDF:1446.1/3

Left: 0.596+/-0.003 χ^2/NDF: 1957.2/8

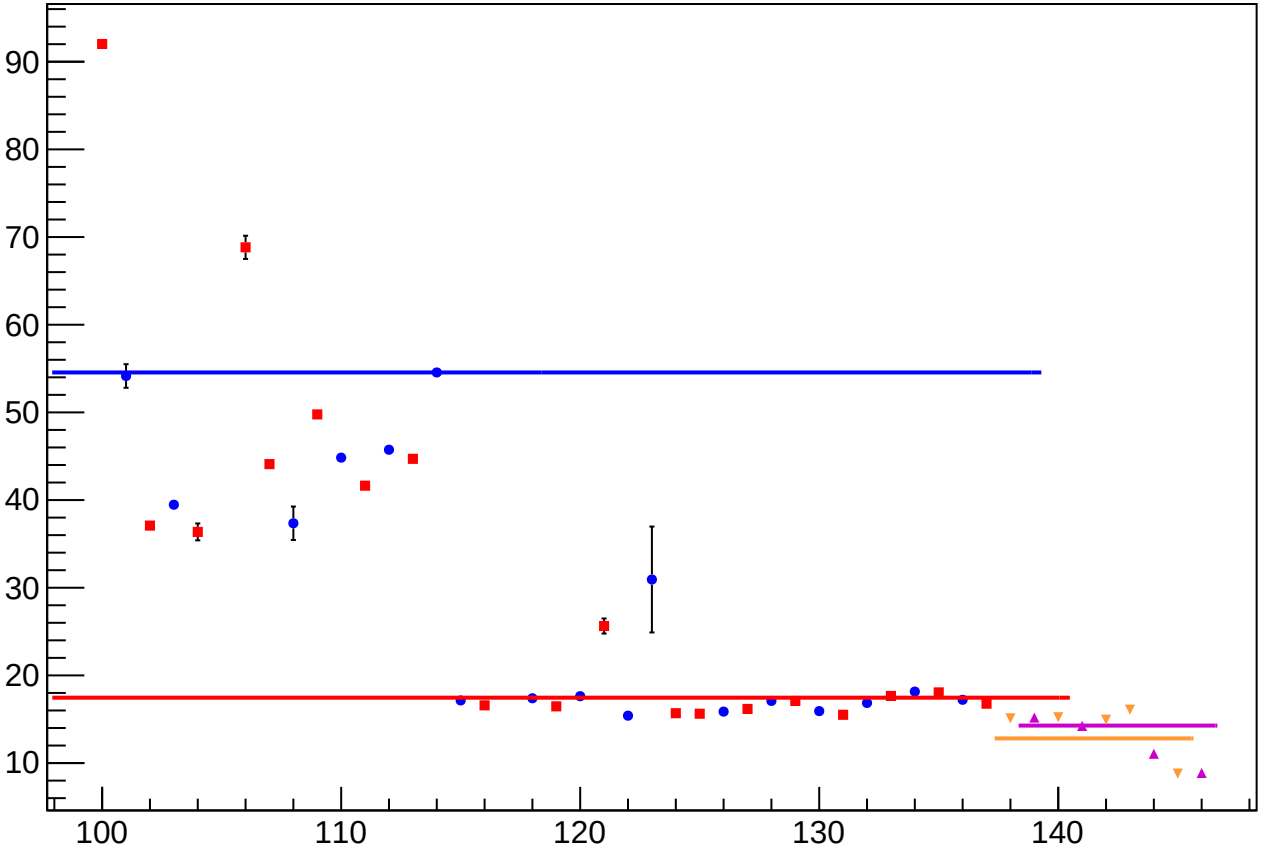
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:183191.9/20

Out: 3.123+/-0.000 χ^2/NDF:712471.2/23

All: 2.073+/-0.000 χ^2/NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 12.812+/-0.014 χ^2/NDF:57904.2/4

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 14.278+/-0.022 χ^2/NDF:5960.1/3

Left: 13.218+/-0.012 χ^2/NDF: 67108.5/8

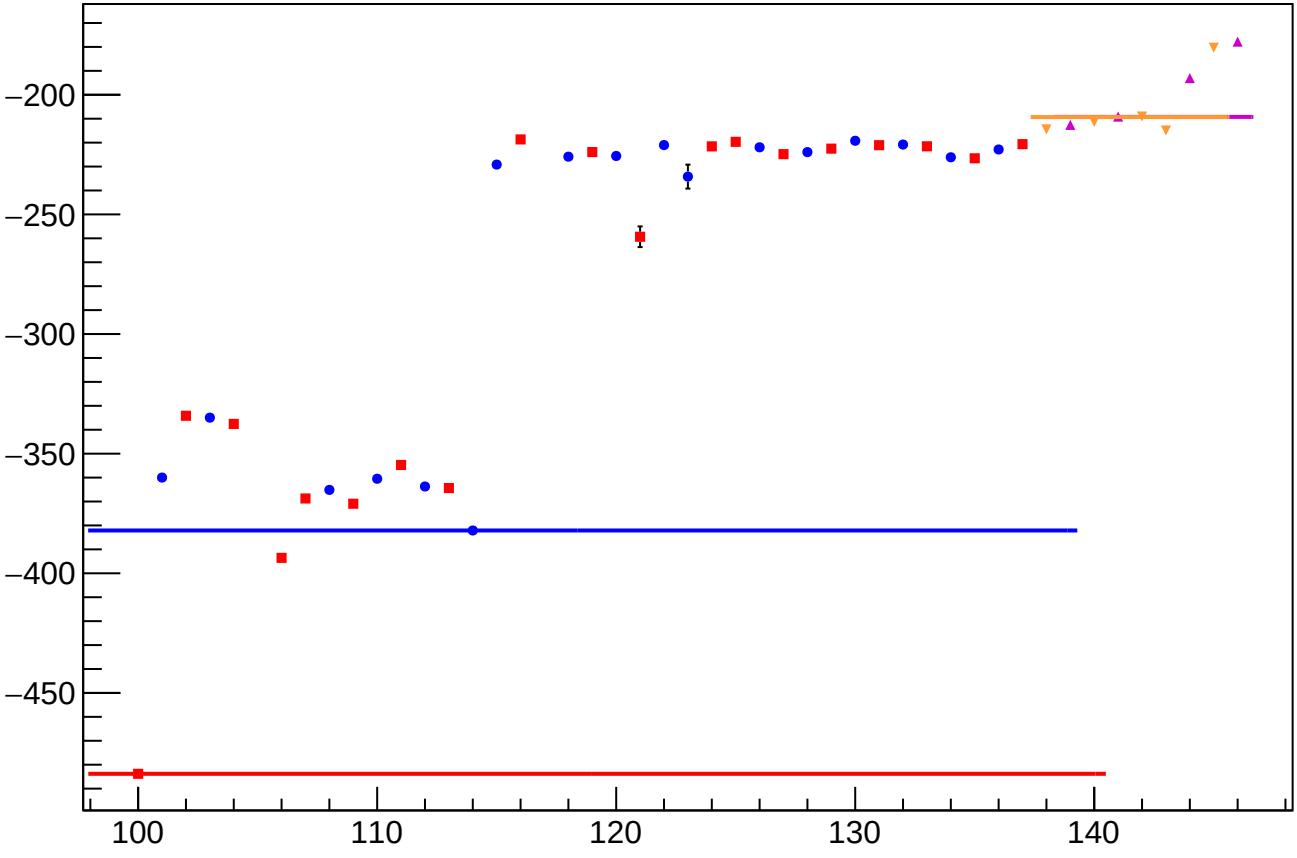
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:10632203.2/20

Out: 14.457+/-0.011 χ^2/NDF:198916.6/23

All: 54.556+/-0.000 χ^2/NDF: 24413481.8/44

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -209.316+/-0.039 χ^2/NDF:51837.5/4

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -209.249+/-0.043 χ^2/NDF:9489.5/3

Left: -209.286+/-0.029 χ^2/NDF: 61328.3/8

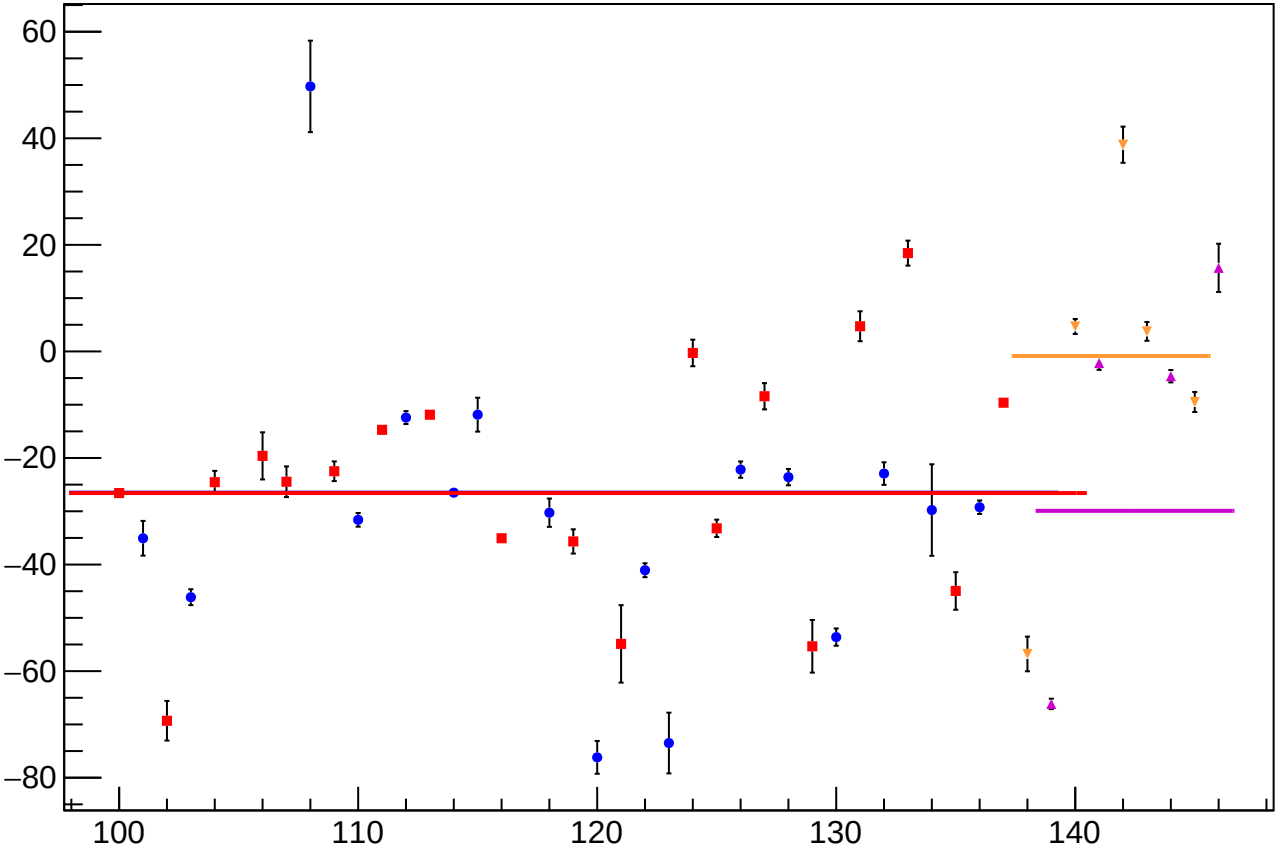
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:34654718.7/20

Out: -483.800+/-0.000 χ^2/NDF:74972111.2/23

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: -0.853+/-0.881 χ^2/NDF:475.0/4

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -29.918+/-0.639 χ^2/NDF:2418.1/3

Left: -19.893+/-0.517 χ^2/NDF: 3606.1/8

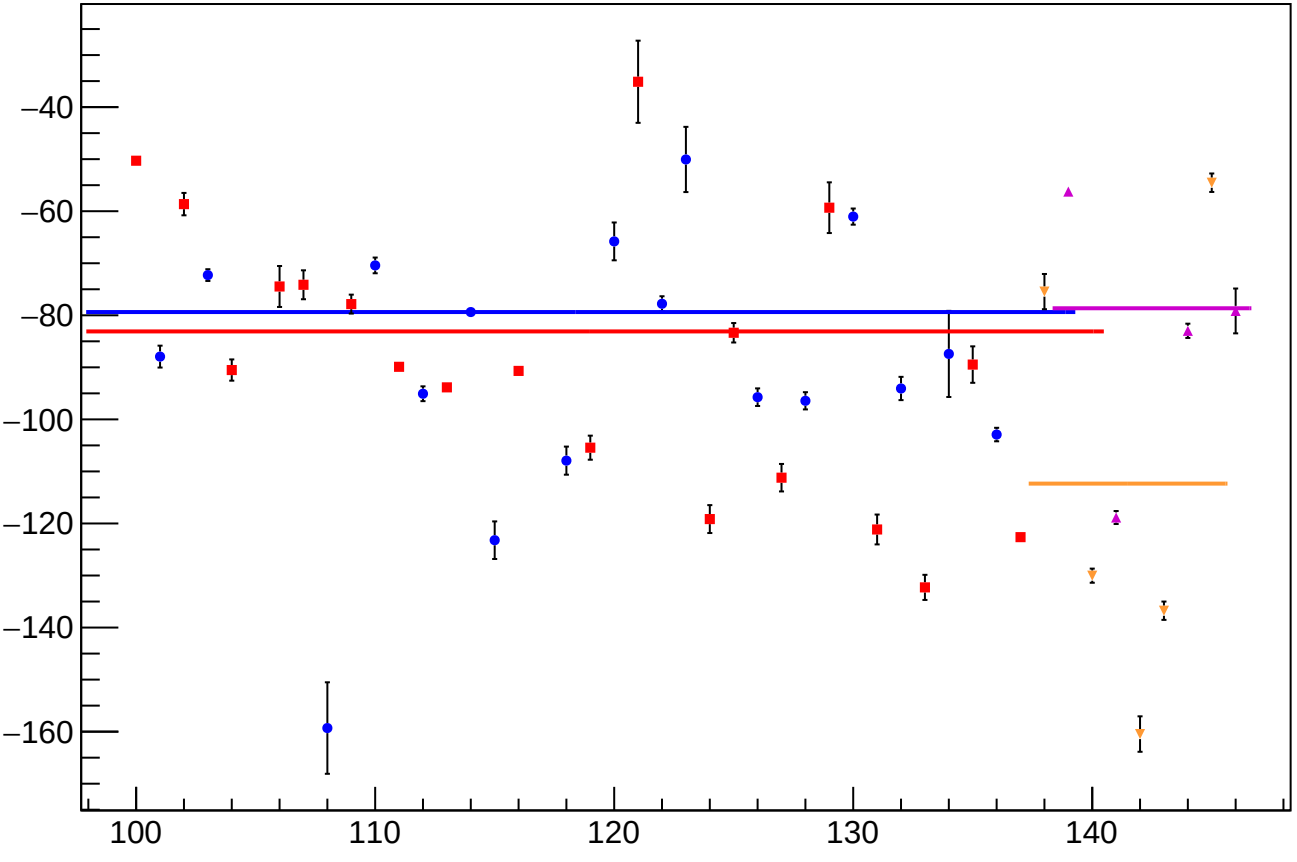
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:3627.3/20

Out: -26.577+/-0.000 χ^2/NDF:3968.4/23

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: -112.341+/-0.859 χ^2/NDF:1743.6/4

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -78.650+/-0.635 χ^2/NDF:1676.8/3

Left: -90.557+/-0.511 χ^2/NDF: 4415.4/8

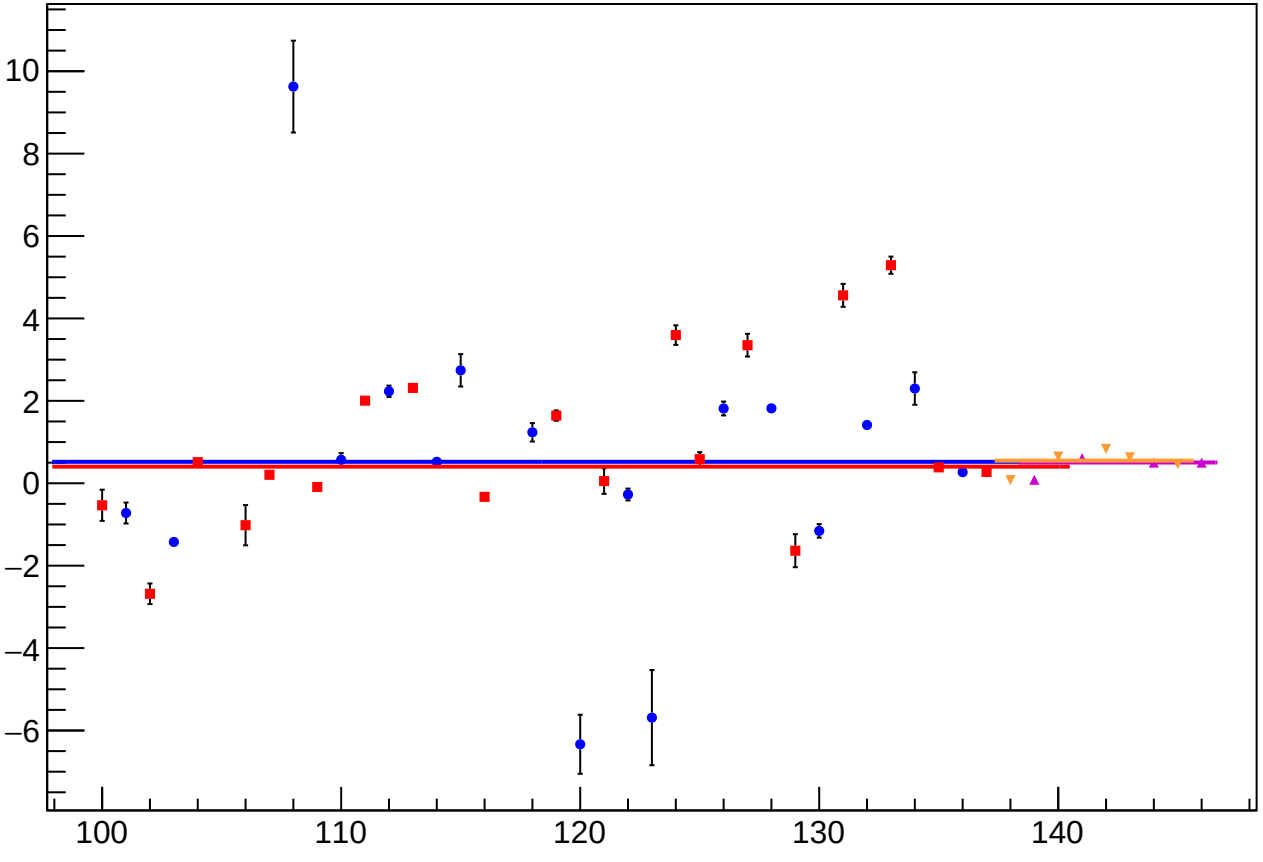
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:2982.8/20

Out: -84.306+/-0.174 χ^2/NDF:14770.8/23

All: -79.376+/-0.000 χ^2/NDF: 18552.0/44

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.549+/-0.007 χ^2/NDF:994.0/4

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.504+/-0.003 χ^2/NDF:2615.1/3

Left: 0.513+/-0.003 χ^2/NDF: 3643.6/8

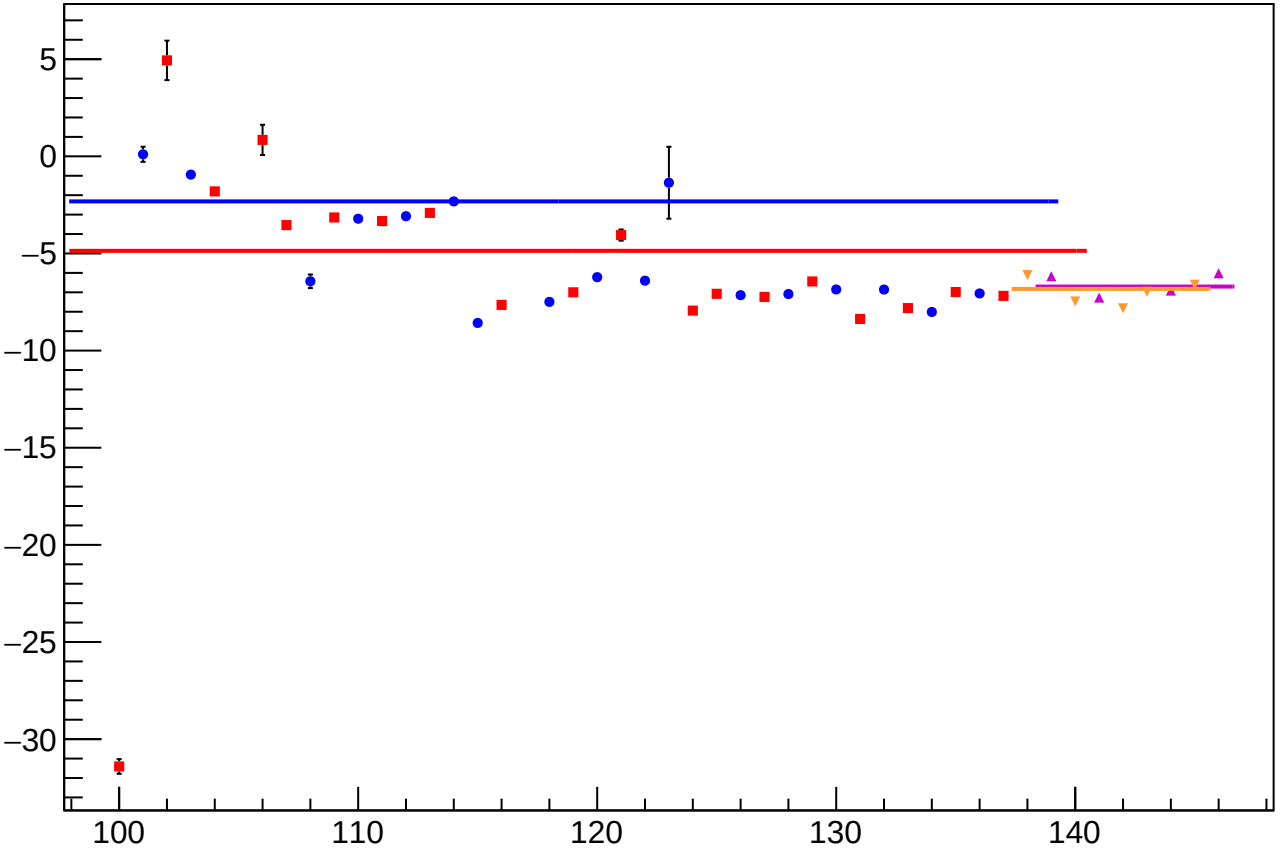
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:6008.8/20

Out: 0.508+/-0.006 χ^2/NDF:3850.7/23

All: 0.521+/-0.000 χ^2/NDF: 9864.5/44

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.825+/-0.012 χ^2/NDF:1418.2/4

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.703+/-0.008 χ^2/NDF:3464.9/3

Left: -6.740+/-0.006 χ^2/NDF: 4960.3/8

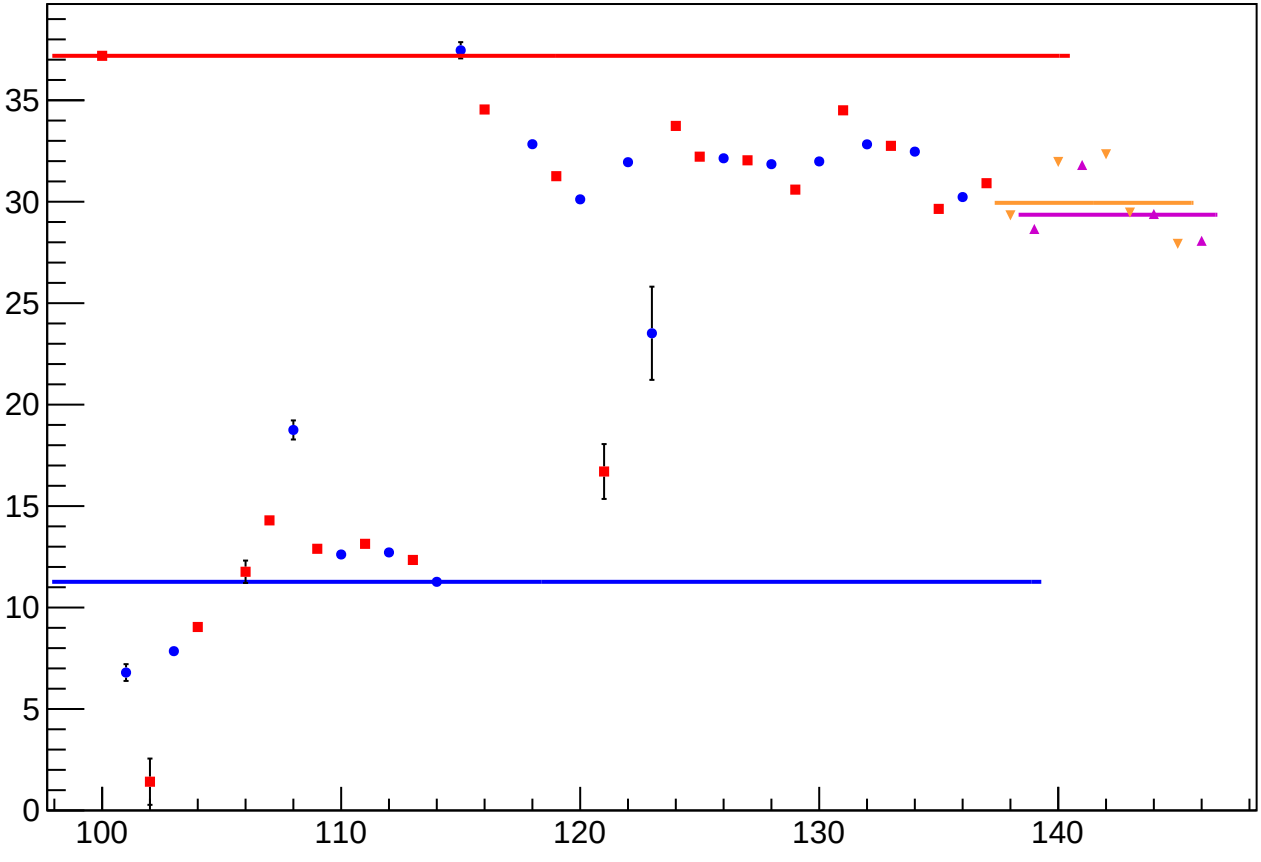
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:605123.2/20

Out: -5.725+/-0.008 χ^2/NDF:66701.8/23

All: -2.320+/-0.000 χ^2/NDF: 866584.4/44

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.945+/-0.029 χ^2/NDF:3700.9/4

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.359+/-0.028 χ^2/NDF:1705.5/3

Left: 29.638+/-0.020 χ^2/NDF: 5622.7/8

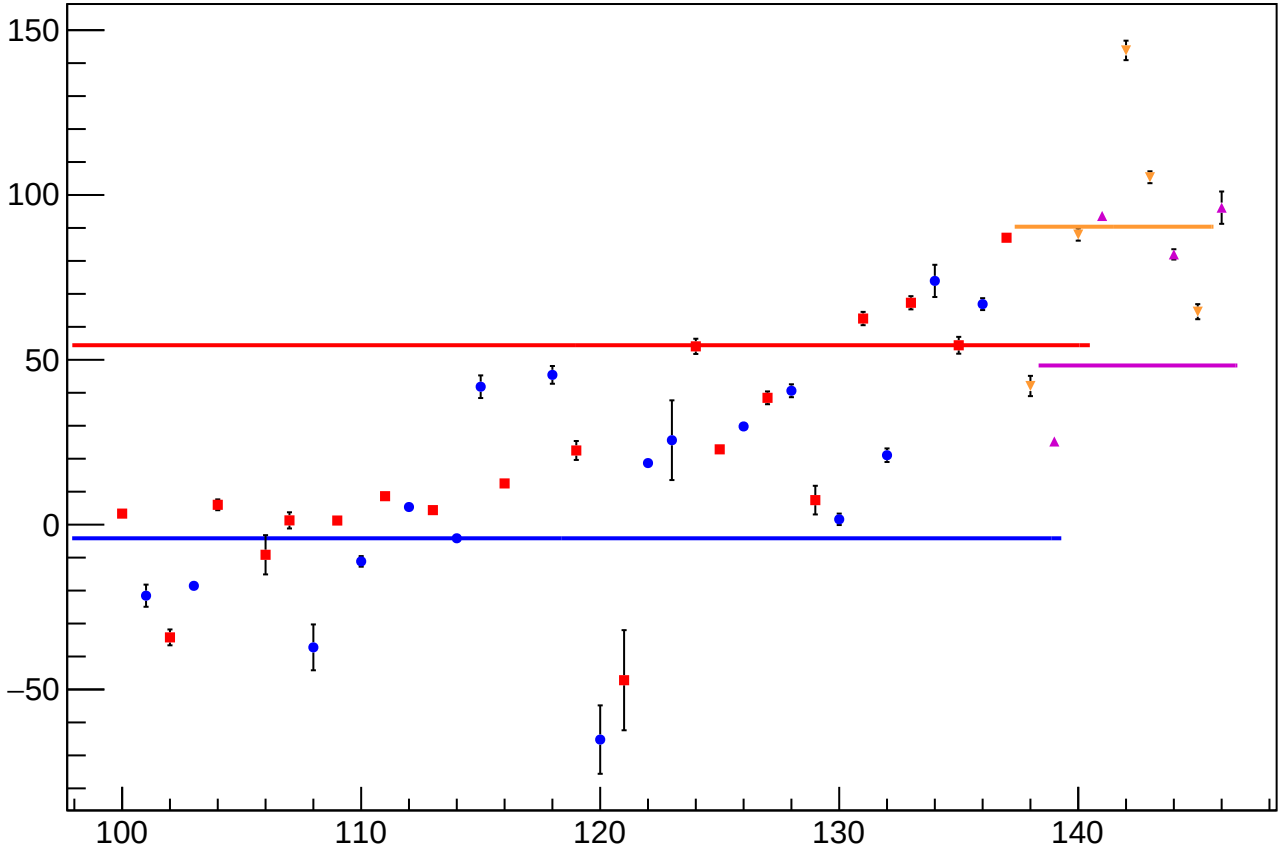
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:1391989.2/20

Out: 37.191+/-0.000 χ^2/NDF:1188693.4/23

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: 90.379+/-0.995 χ^2/NDF:773.1/4

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 48.283+/-0.584 χ^2/NDF:2805.4/3

Left: 59.054+/-0.504 χ^2/NDF: 4909.3/8

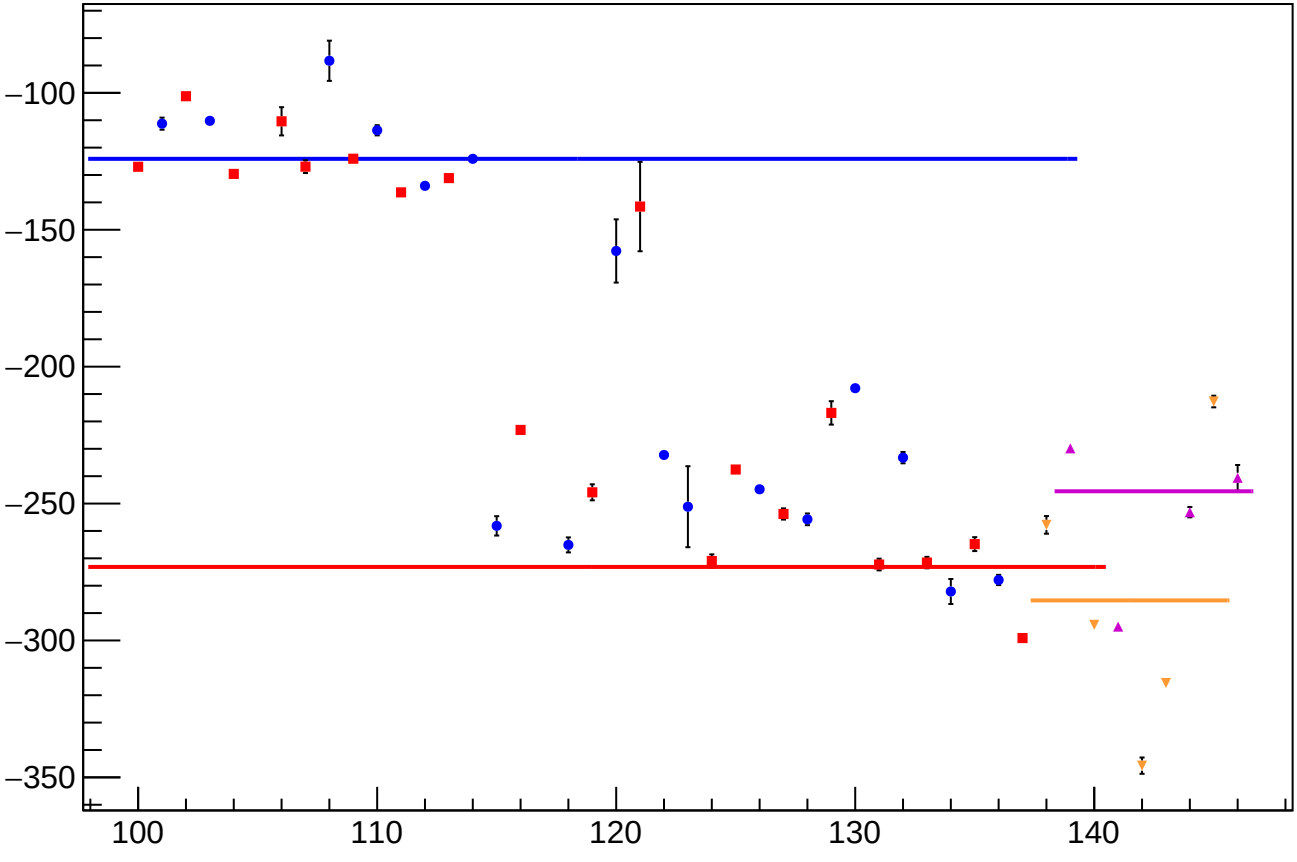
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:15524.7/20

Out: 55.448+/-0.168 χ^2/NDF:56039.2/23

All: -4.139+/-0.000 χ^2/NDF: 197688.5/44

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -285.367+/-0.979 χ^2/NDF:1948.7/4

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -245.517+/-0.565 χ^2/NDF:2128.3/3

Left: -255.475+/-0.489 χ^2/NDF: 5321.1/8

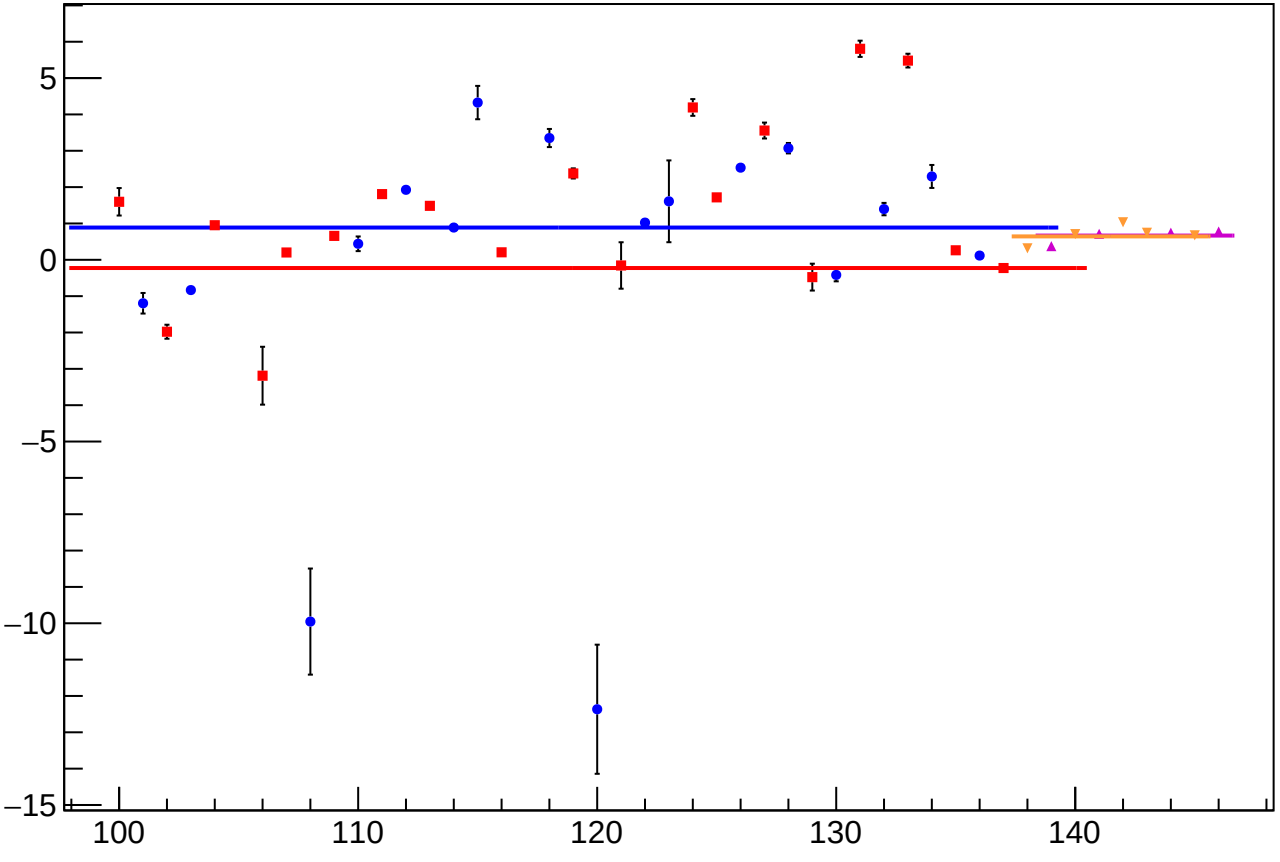
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:86498.2/20

Out: -273.303+/-0.112 χ^2/NDF:282244.6/23

All: -124.095+/-0.000 χ^2/NDF: 2144233.9/44

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.644+/-0.007 χ^2/NDF:970.4/4

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.667+/-0.005 χ^2/NDF:756.5/3

Left: 0.659+/-0.004 χ^2/NDF: 1733.1/8

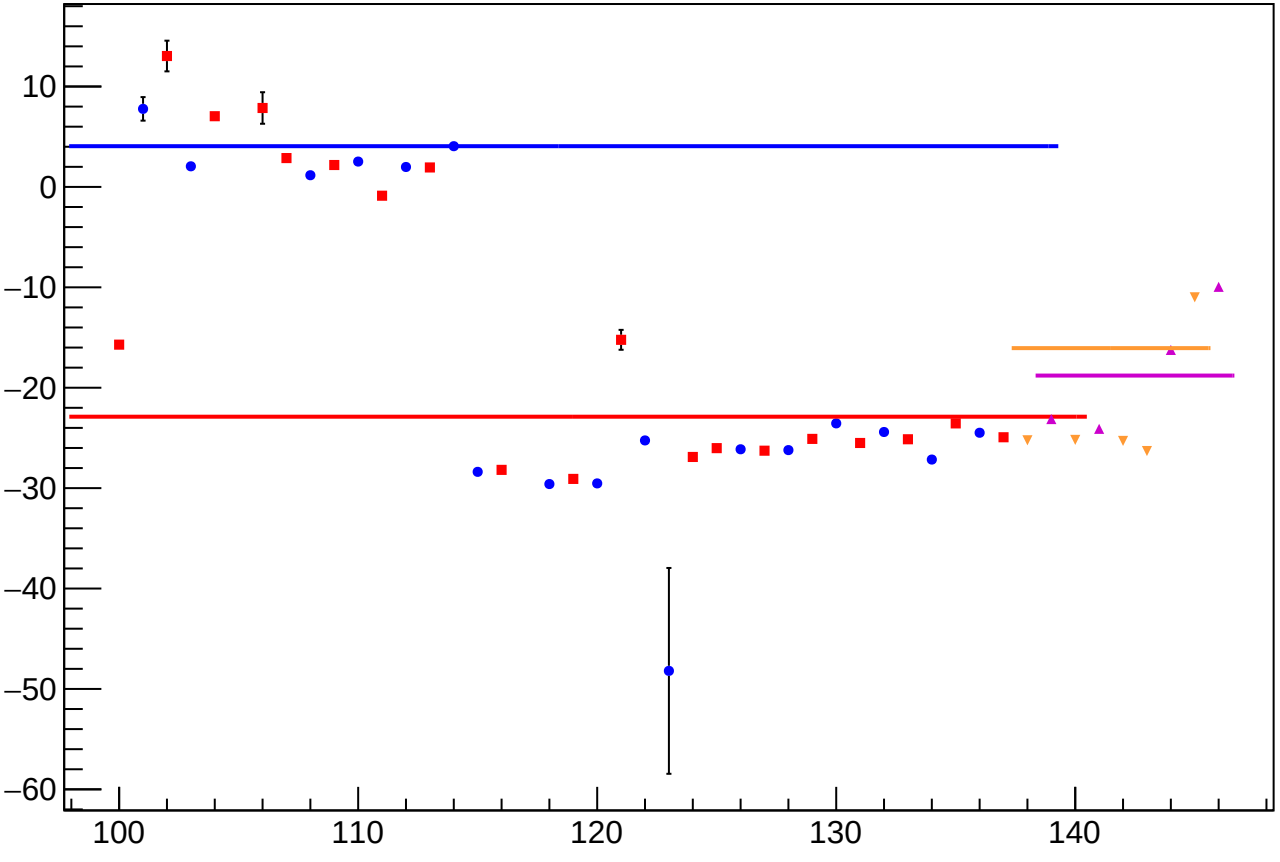
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:11194.3/20

Out: -0.226+/-0.000 χ^2/NDF:19651.8/23

All: 0.888+/-0.000 χ^2/NDF: 422225092.3/44

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.056+/-0.028 χ^2/NDF:63045.4/4

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -18.789+/-0.049 χ^2/NDF:16664.3/3

Left: -16.720+/-0.024 χ^2/NDF: 82077.2/8

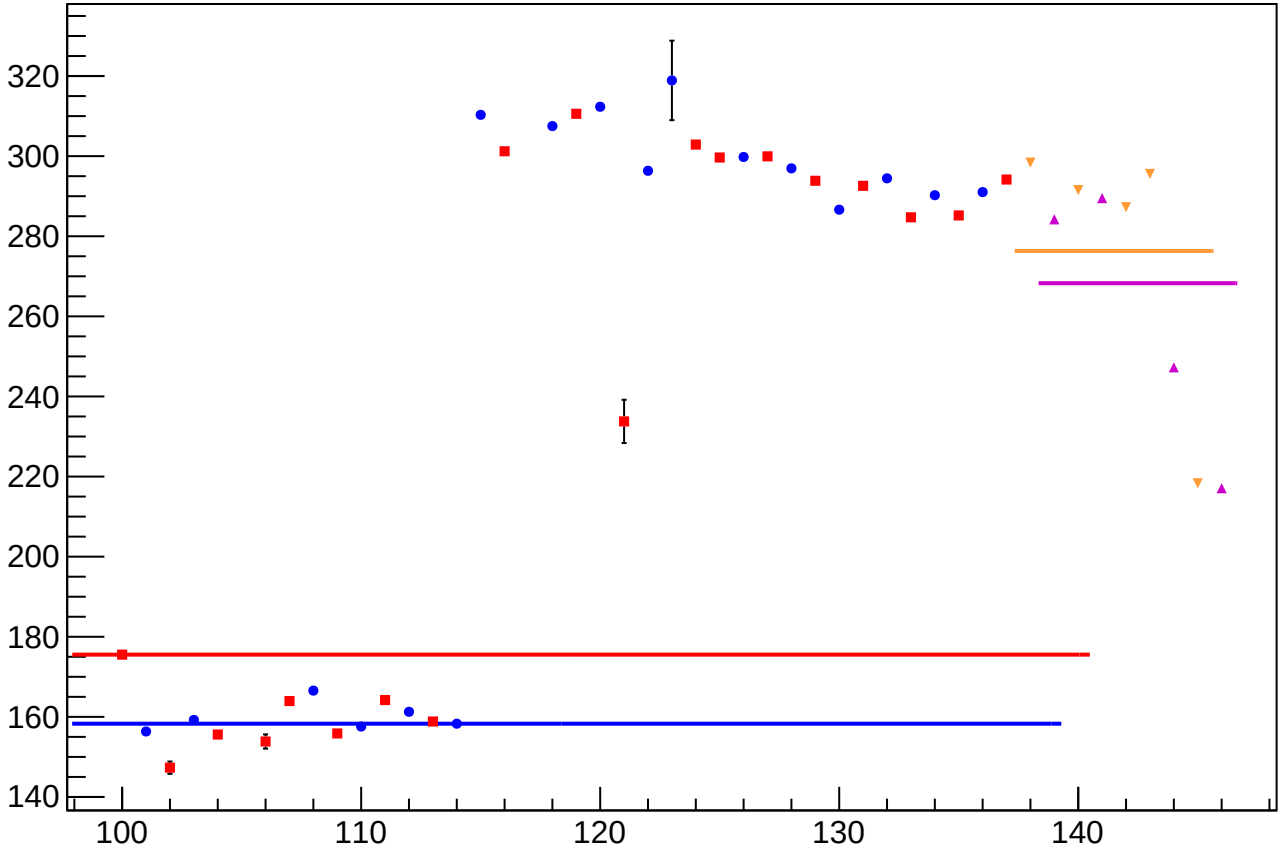
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:1483087.7/20

Out: -19.642+/-0.019 χ^2/NDF:211520.6/23

All: 4.057+/-0.000 χ^2/NDF: 3238396.5/44

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 276.327+/-0.081 χ^2/NDF:154853.5/4

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 268.278+/-0.164 χ^2/NDF:34462.7/3

Left: 274.745+/-0.073 χ^2/NDF: 191262.1/8

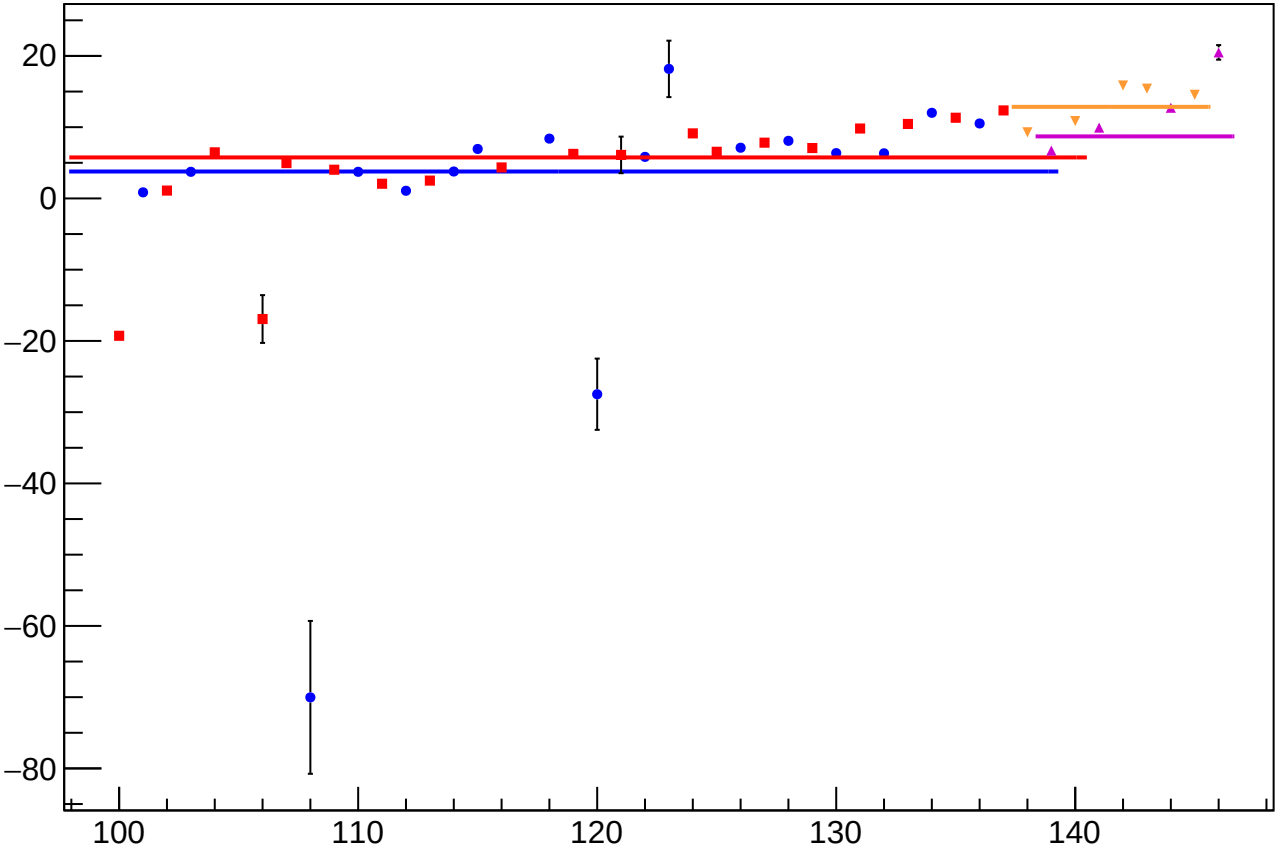
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:2897674.5/20

Out: 175.536+/-0.000 χ^2/NDF:3807384.2/23

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: 12.855+/-0.111 χ^2/NDF:472.4/4

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 8.708+/-0.062 χ^2/NDF:1335.5/3

Left: 9.705+/-0.054 χ^2/NDF: 2876.2/8

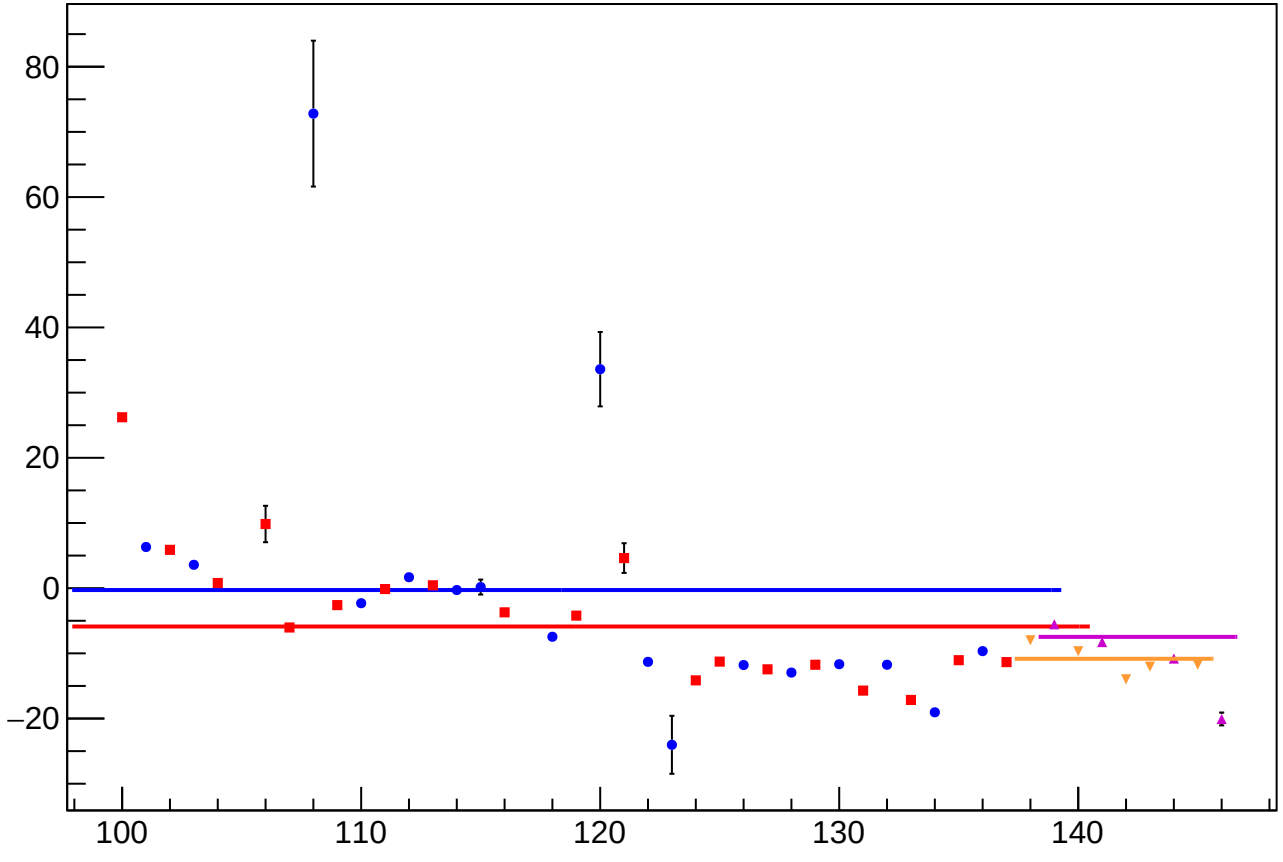
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:14490.3/20

Out: 6.121+/-0.025 χ^2/NDF:26673.5/23

All: 3.778+/-0.000 χ^2/NDF: 49885.1/44

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -10.832+/-0.109 χ^2/NDF:224.3/4

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -7.471+/-0.066 χ^2/NDF:991.6/3

Left: -8.372+/-0.057 χ^2/NDF: 1908.2/8

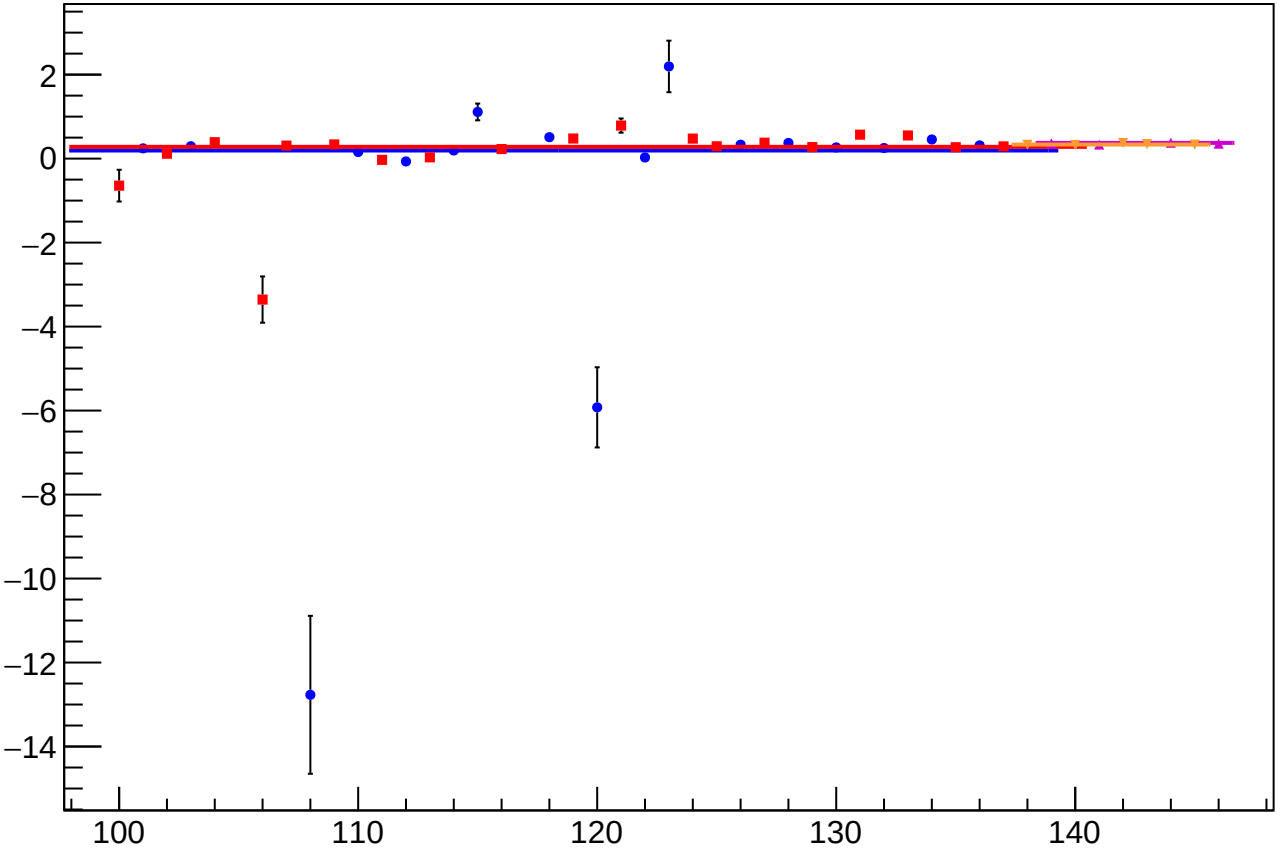
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:57073.3/20

Out: -6.171+/-0.026 χ^2/NDF:65650.1/23

All: -0.287+/-0.000 χ^2/NDF: 172392.5/44

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.335+/-0.001 χ^2/NDF:79.9/4

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.374+/-0.001 χ^2/NDF:71.5/3

Left: 0.353+/-0.001 χ^2/NDF: 674.4/8

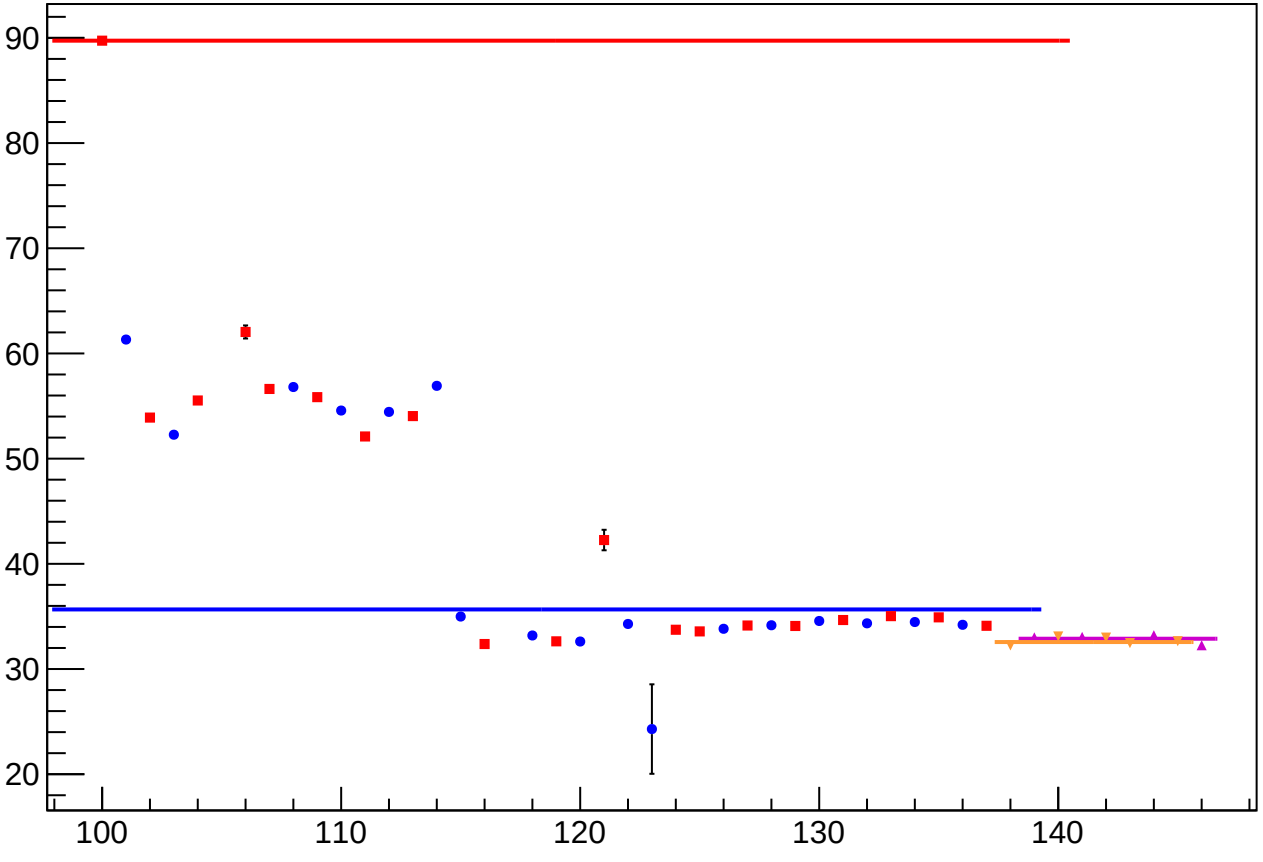
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:30071.0/20

Out: 0.314+/-0.001 χ^2/NDF:6980.8/23

All: 0.193+/-0.000 χ^2/NDF: 54687.3/44

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.564+/-0.012 χ^2/NDF:466.6/4

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.880+/-0.013 χ^2/NDF:828.7/3

Left: 32.710+/-0.009 χ^2/NDF: 1591.5/8

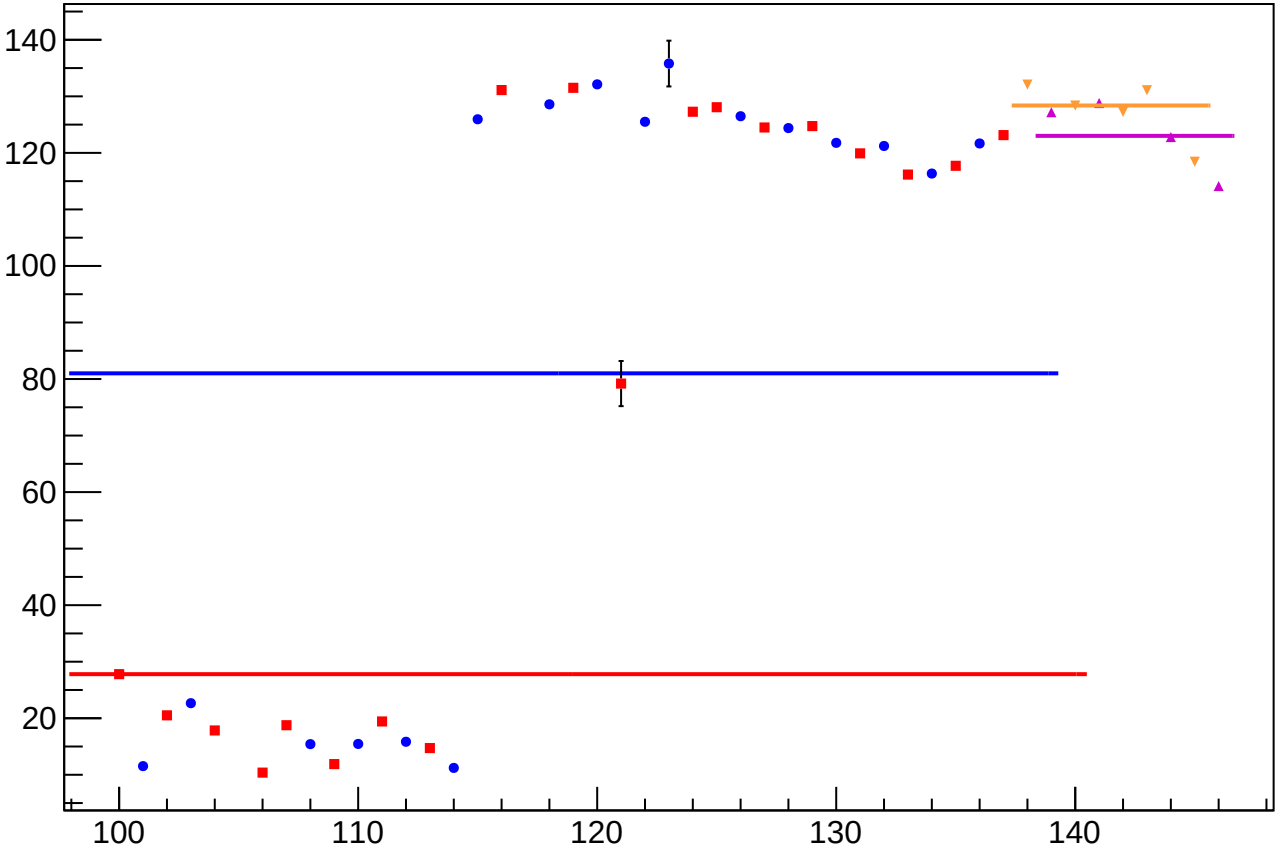
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 34.503+/-0.009 χ^2/NDF:244508.4/20

Out: 89.735+/-0.000 χ^2/NDF:46978844.9/23

All: 89.735+/-0.000 χ^2/NDF: 87713427.6/44

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 128.383+/-0.035 χ^2/NDF:14788.9/4

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 123.012+/-0.050 χ^2/NDF:15236.4/3

Left: 126.649+/-0.029 χ^2/NDF: 37783.1/8

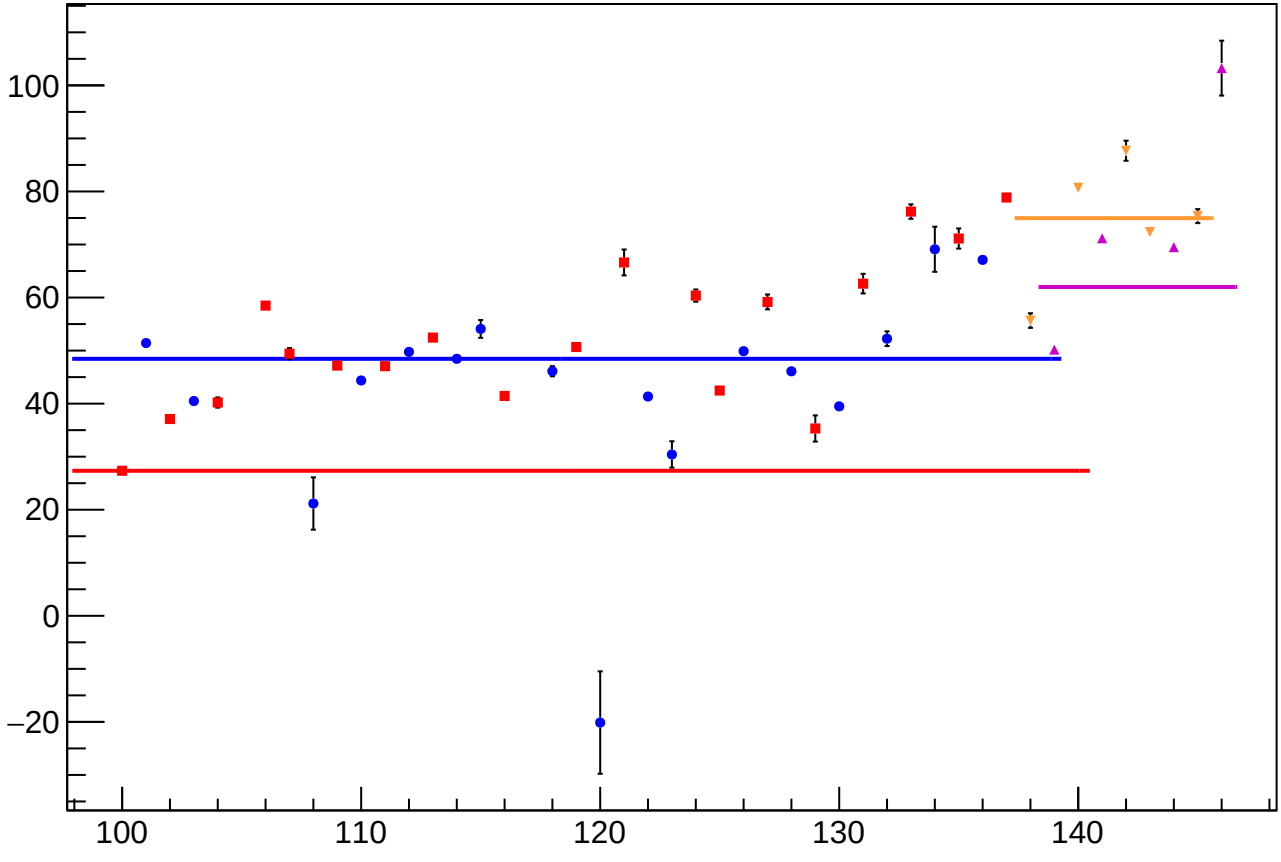
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 94.503+/-0.028 χ^2/NDF:2719608.6/20

Out: 27.798+/-0.000 χ^2/NDF:17628202.9/23

All: 27.798+/-0.000 χ^2/NDF: 25846030.4/44

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 74.970+/-0.455 χ^2/NDF:314.3/4

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 61.992+/-0.331 χ^2/NDF:981.4/3

Left: 66.481+/-0.268 χ^2/NDF: 1828.3/8

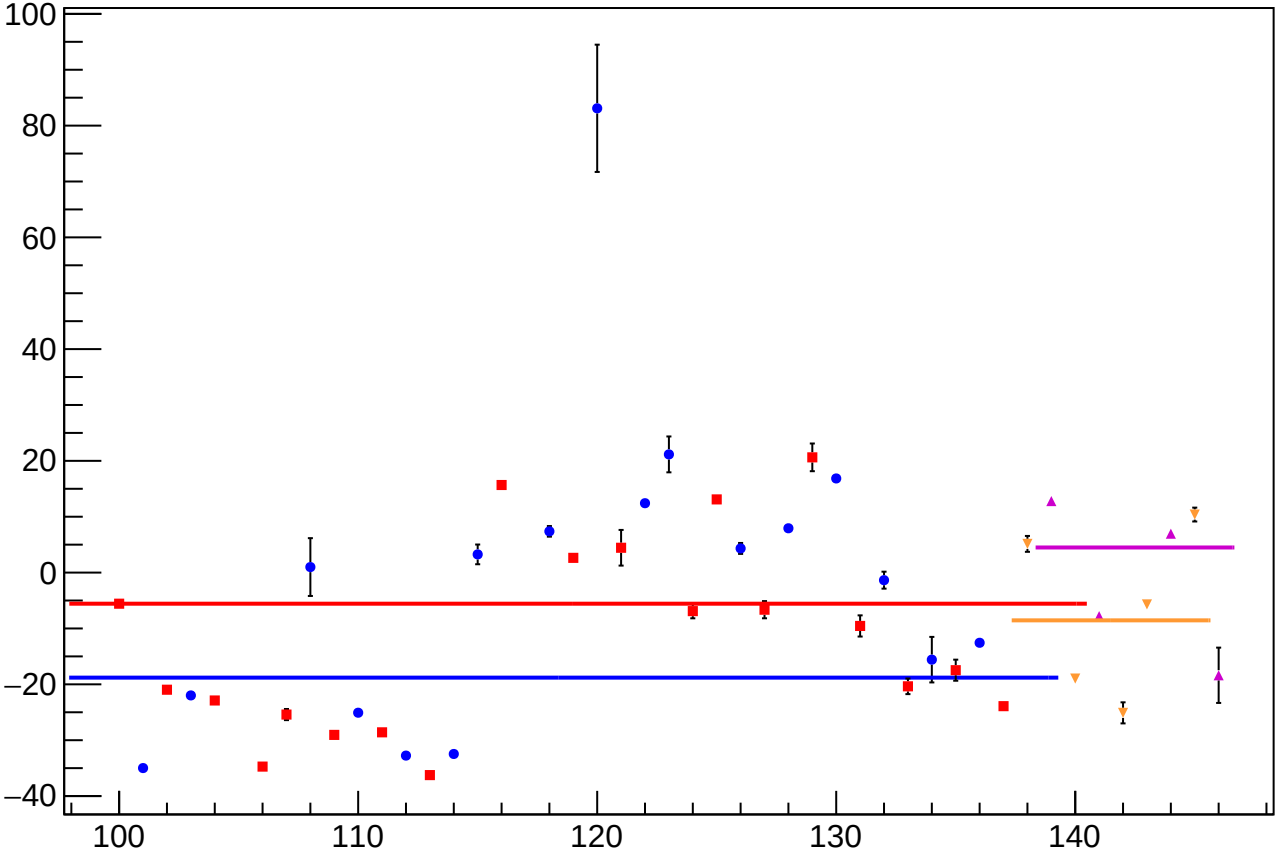
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:5409.1/20

Out: 27.342+/-0.000 χ^2/NDF:37090.6/23

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: -8.549+/-0.453 χ^2/NDF:614.8/4

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 4.493+/-0.325 χ^2/NDF:790.5/3

Left: 0.050+/-0.264 χ^2/NDF: 1952.7/8

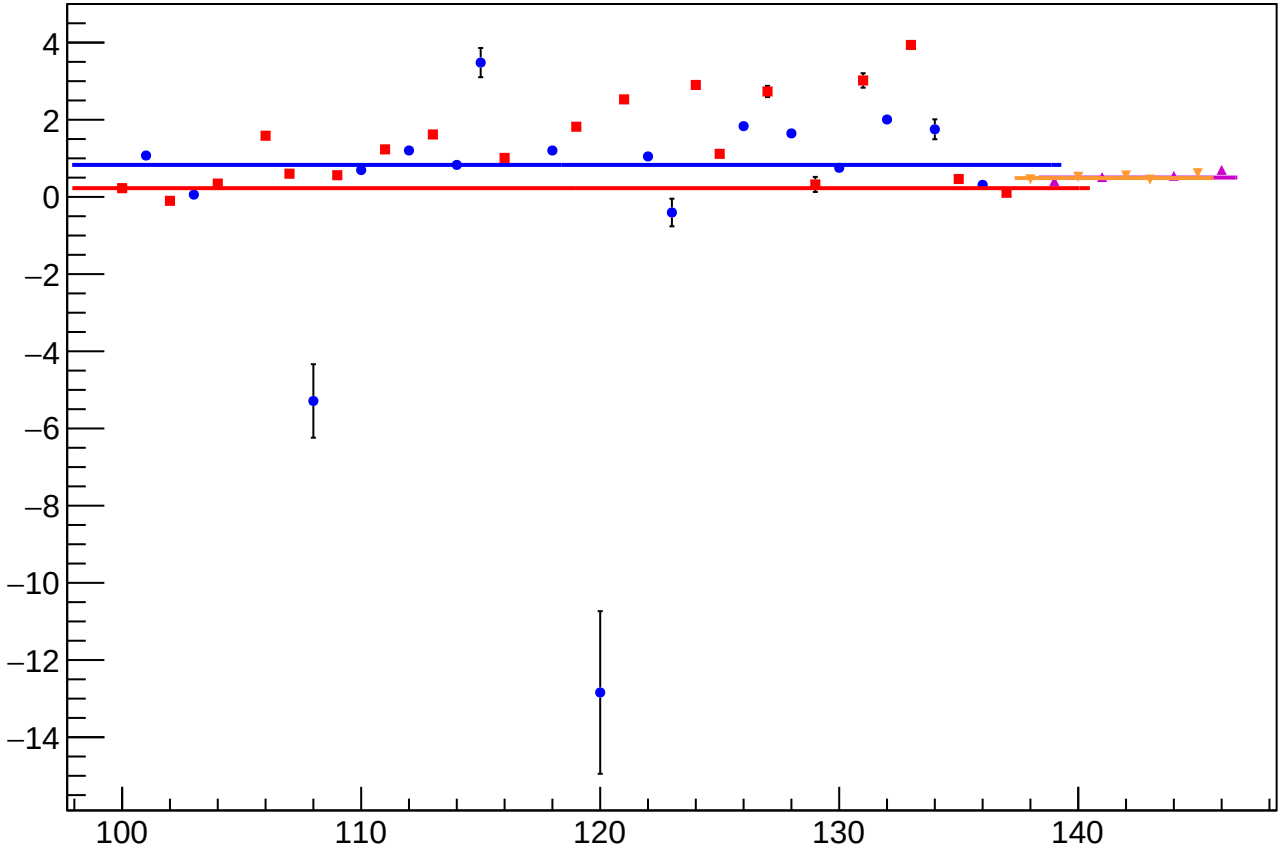
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -14.786+/-0.135 χ^2/NDF:16797.9/20

Out: -5.568+/-0.000 χ^2/NDF:23755.5/23

All: -5.568+/-0.000 χ^2/NDF: 45213.5/44

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.489+/-0.003 χ^2/NDF:264.9/4

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.502+/-0.003 χ^2/NDF:439.4/3

Left: 0.496+/-0.002 χ^2/NDF: 716.3/8

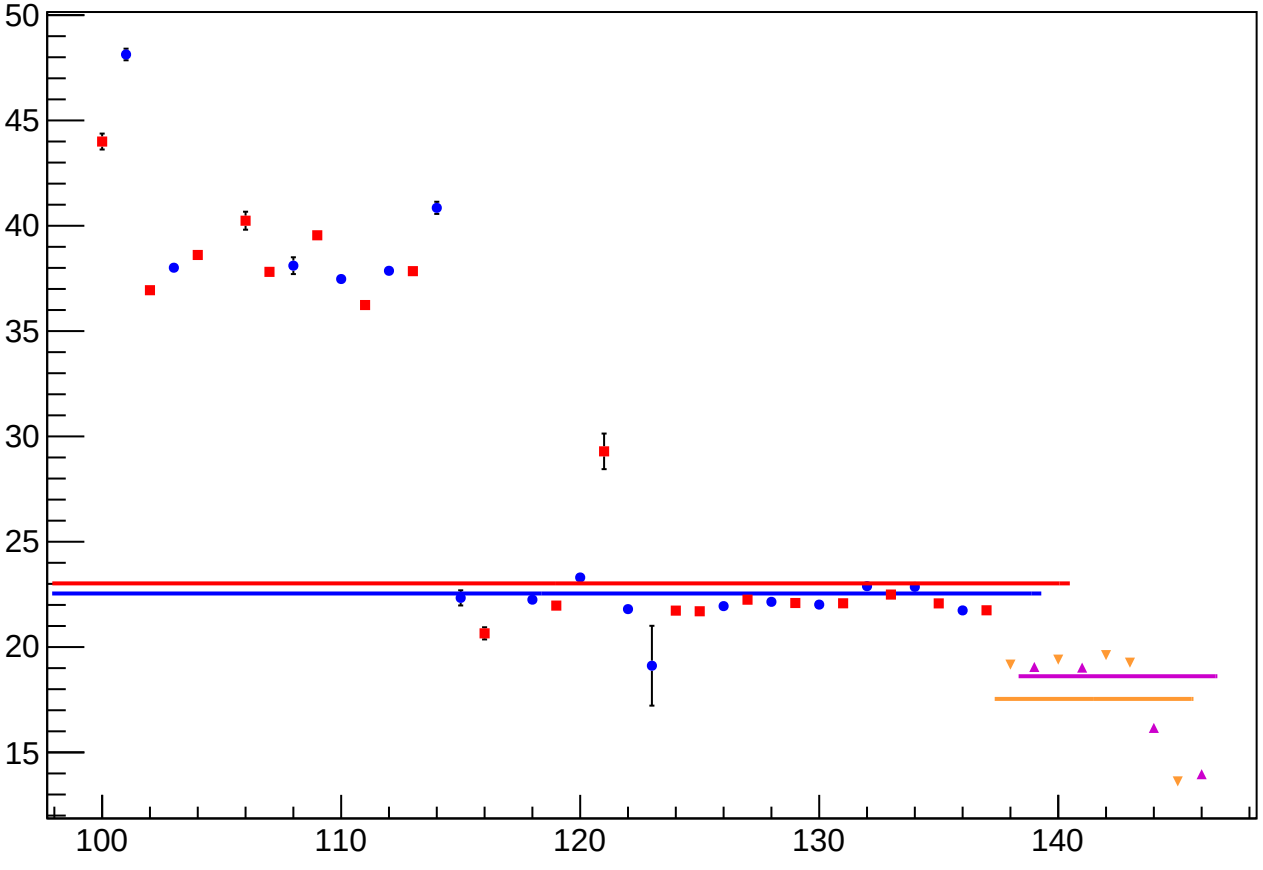
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:30775.3/20

Out: 0.227+/-0.000 χ^2/NDF:20973.3/23

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: 17.539+/-0.010 χ^2/NDF:66335.4/4

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 18.615+/-0.016 χ^2/NDF:7316.2/3

Left: 17.871+/-0.009 χ^2/NDF: 76972.3/8

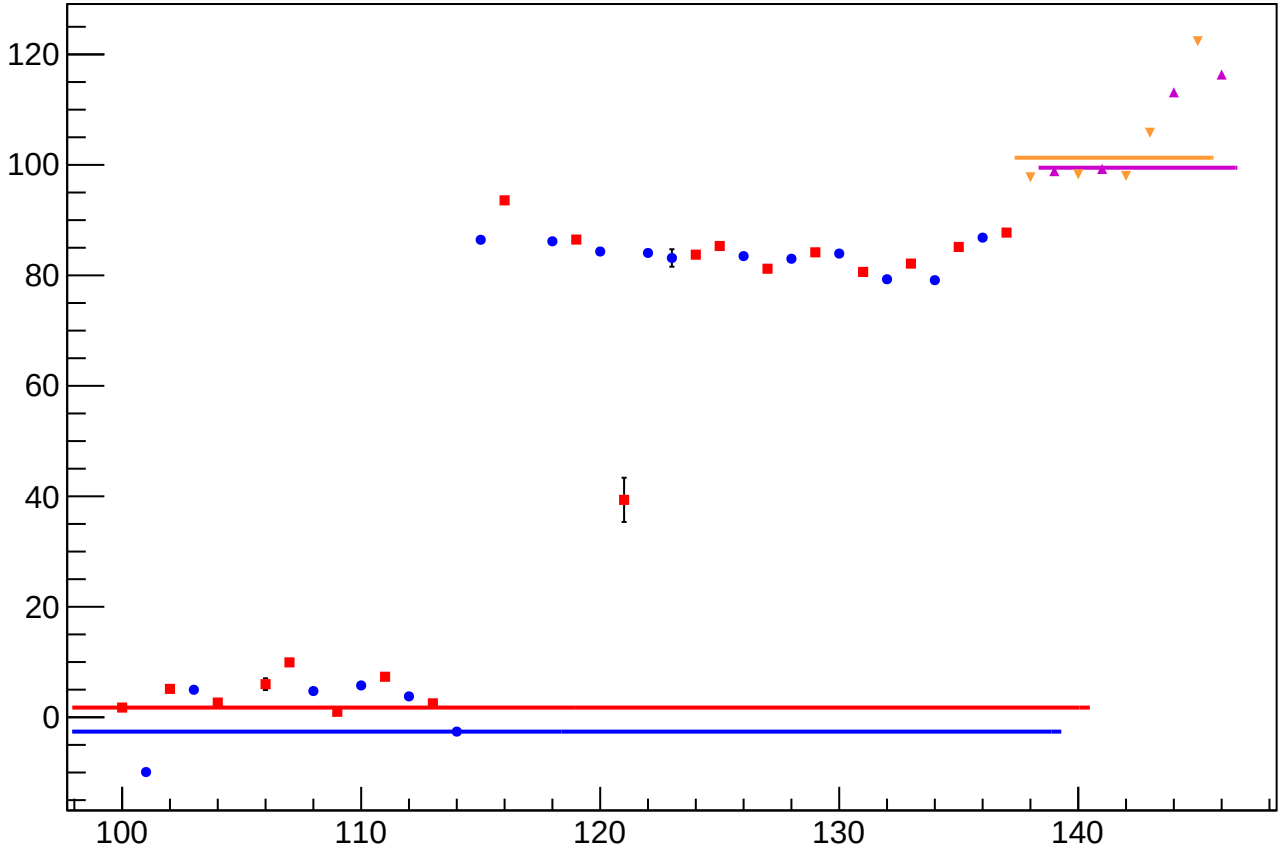
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 21.505+/-0.008 χ^2/NDF:159826.6/20

Out: 20.655+/-0.007 χ^2/NDF:390851.6/23

All: 21.013+/-0.005 χ^2/NDF: 557227.0/44

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 101.298+/-0.029 χ^2/NDF:51240.7/4

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 99.492+/-0.031 χ^2/NDF:4680.3/3

Left: 100.447+/-0.021 χ^2/NDF: 57754.8/8

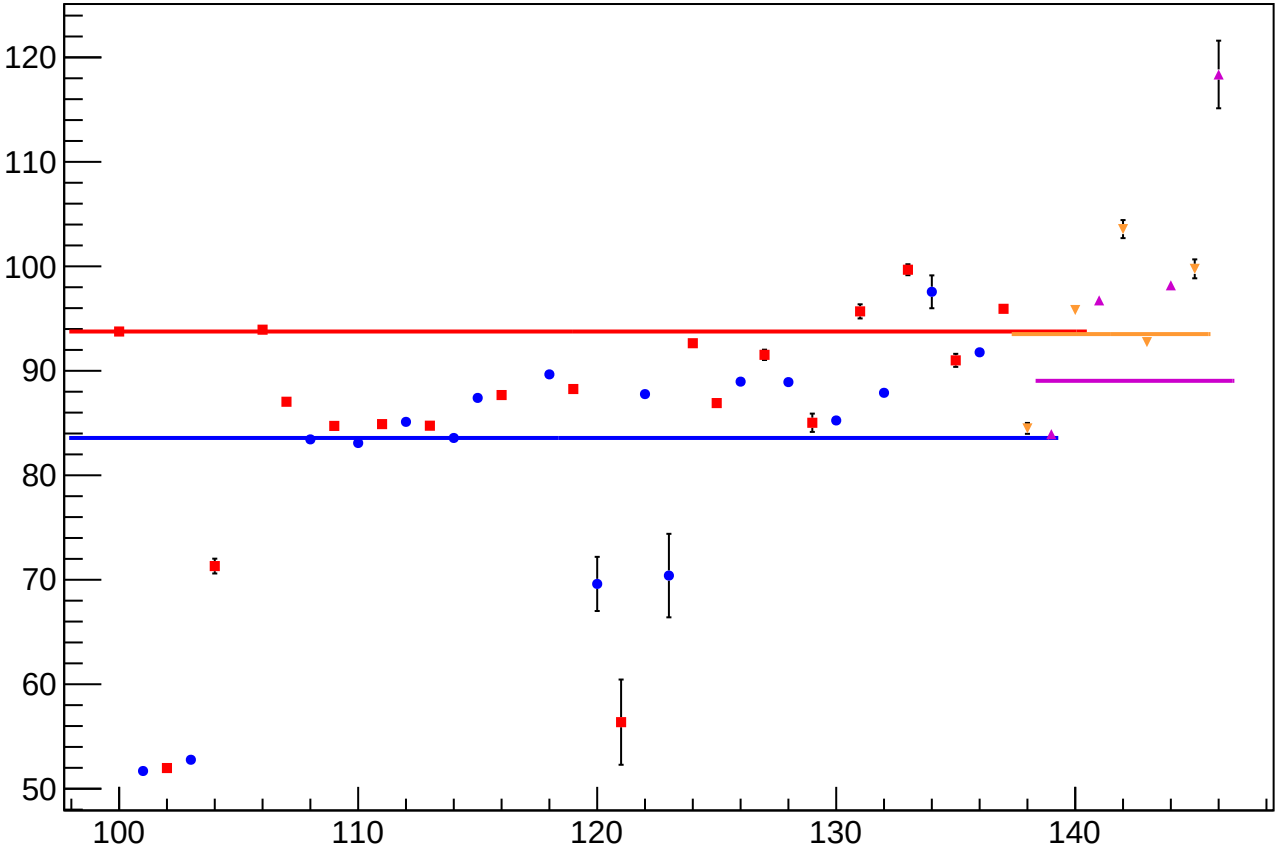
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:18476051.3/20

Out: 1.758+/-0.000 χ^2/NDF:16100301.0/23

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: 93.516+/-0.173 χ^2/NDF:548.3/4

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 89.042+/-0.145 χ^2/NDF:2091.1/3

Left: 90.884+/-0.111 χ^2/NDF: 3031.3/8

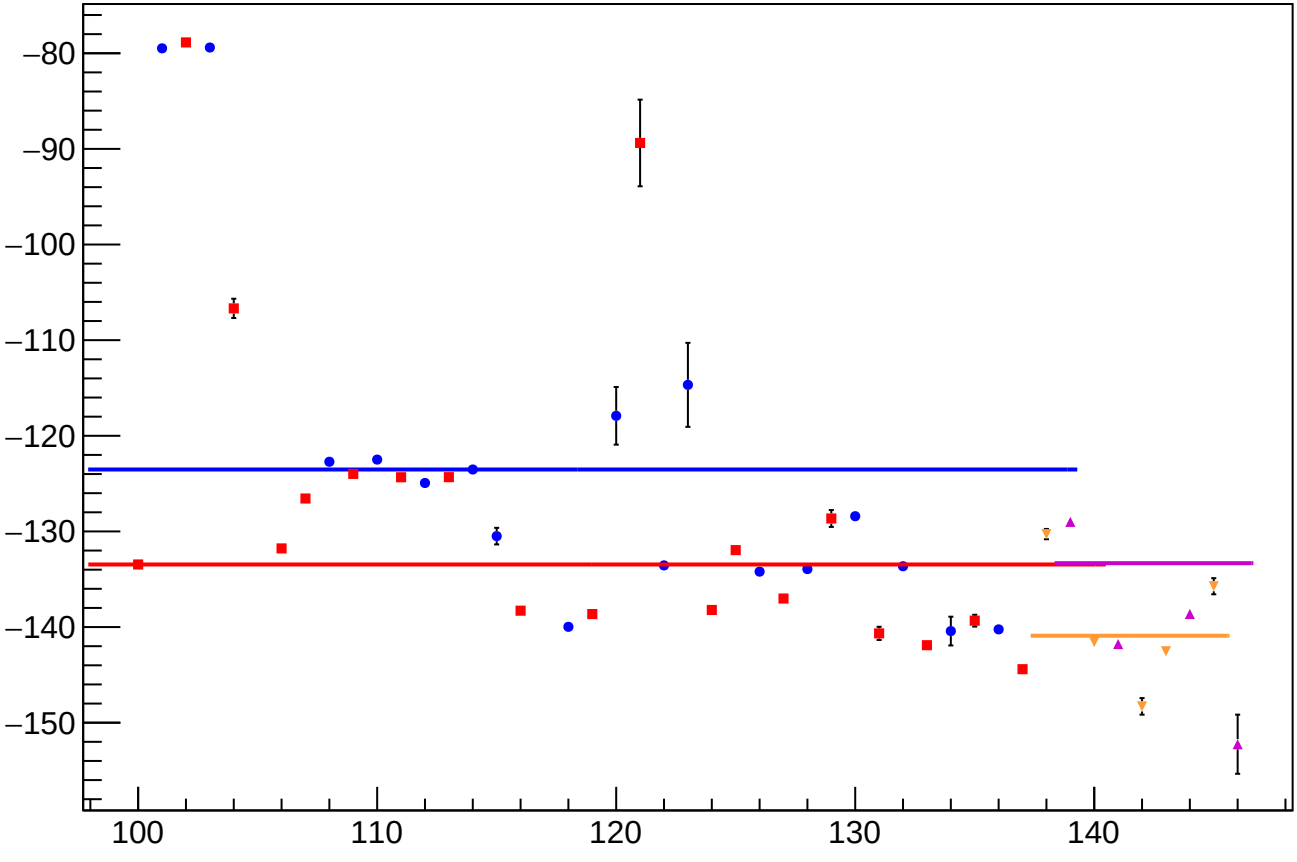
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:52981.4/20

Out: 93.762+/-0.000 χ^2/NDF:83399.1/23

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: -140.906+/-0.172 χ^2/NDF:545.6/4

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -133.320+/-0.139 χ^2/NDF:1658.7/3

Left: -136.322+/-0.108 χ^2/NDF: 3377.7/8

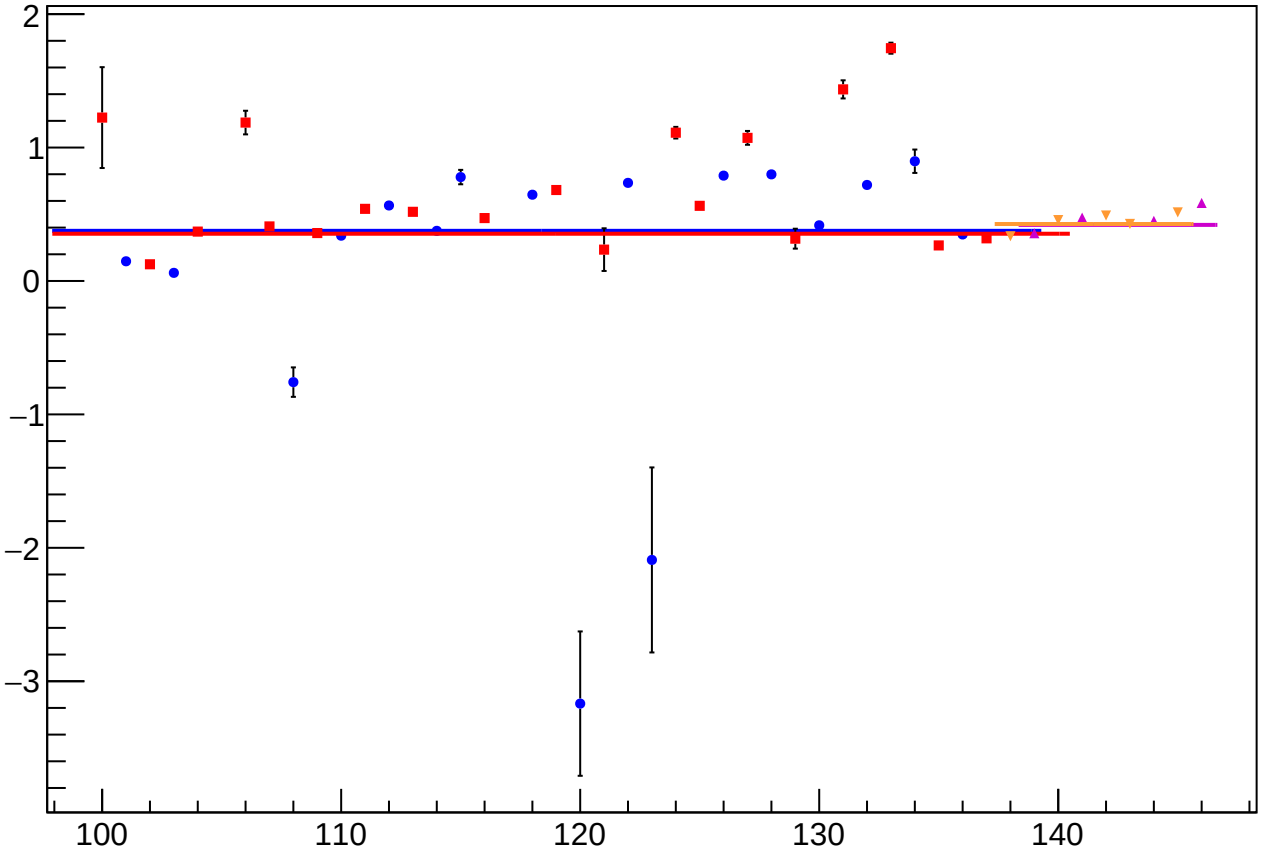
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:166958.6/20

Out: -133.456+/-0.000 χ^2/NDF:397314.6/23

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: 0.427+/-0.001 χ^2/NDF:700.9/4

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.420+/-0.001 χ^2/NDF:2649.6/3

Left: 0.423+/-0.001 χ^2/NDF: 3364.3/8

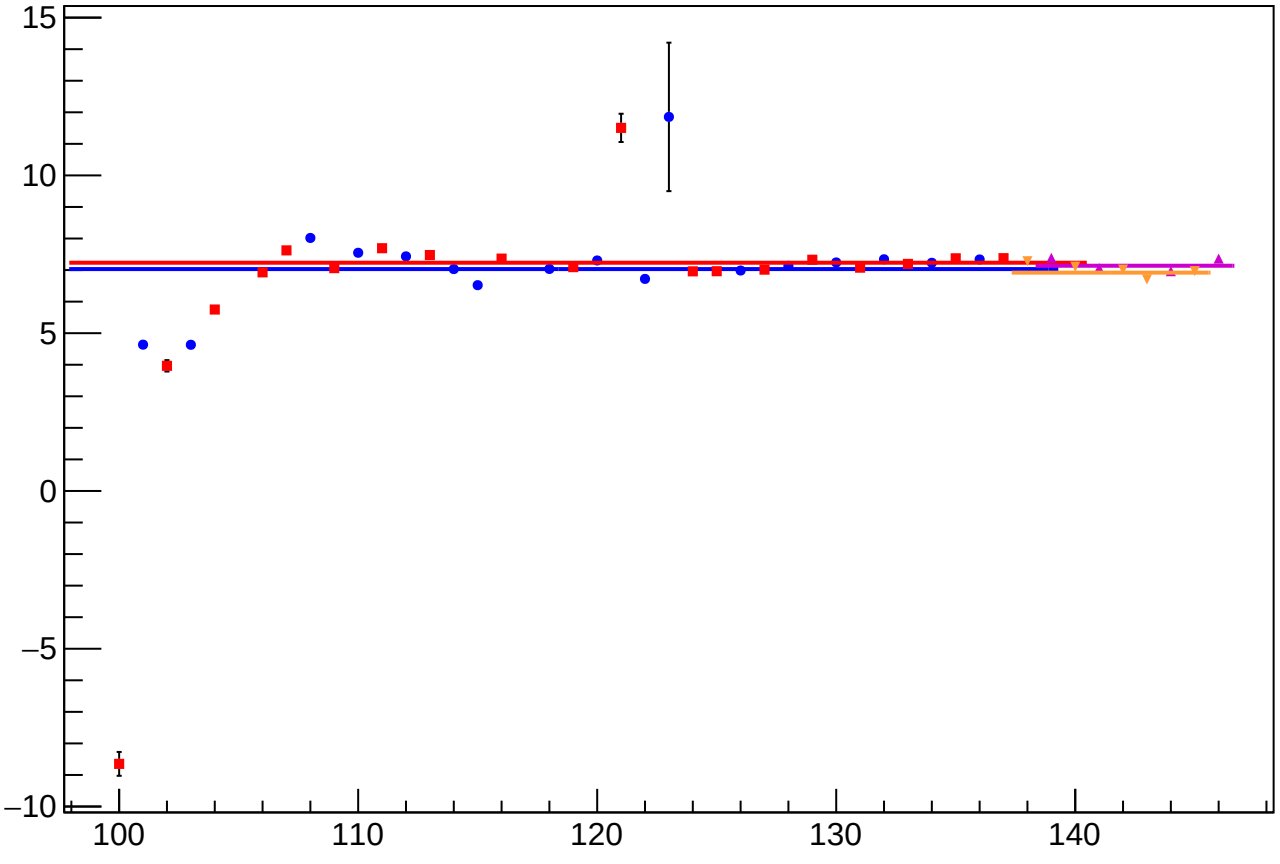
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:8300.3/20

Out: 0.393+/-0.001 χ^2/NDF:6547.9/23

All: 0.376+/-0.000 χ^2/NDF: 15137.4/44

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 6.919+/-0.003 χ^2/NDF:6617.2/4

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.138+/-0.002 χ^2/NDF:5843.0/3

Left: 7.042+/-0.002 χ^2/NDF: 16045.0/8

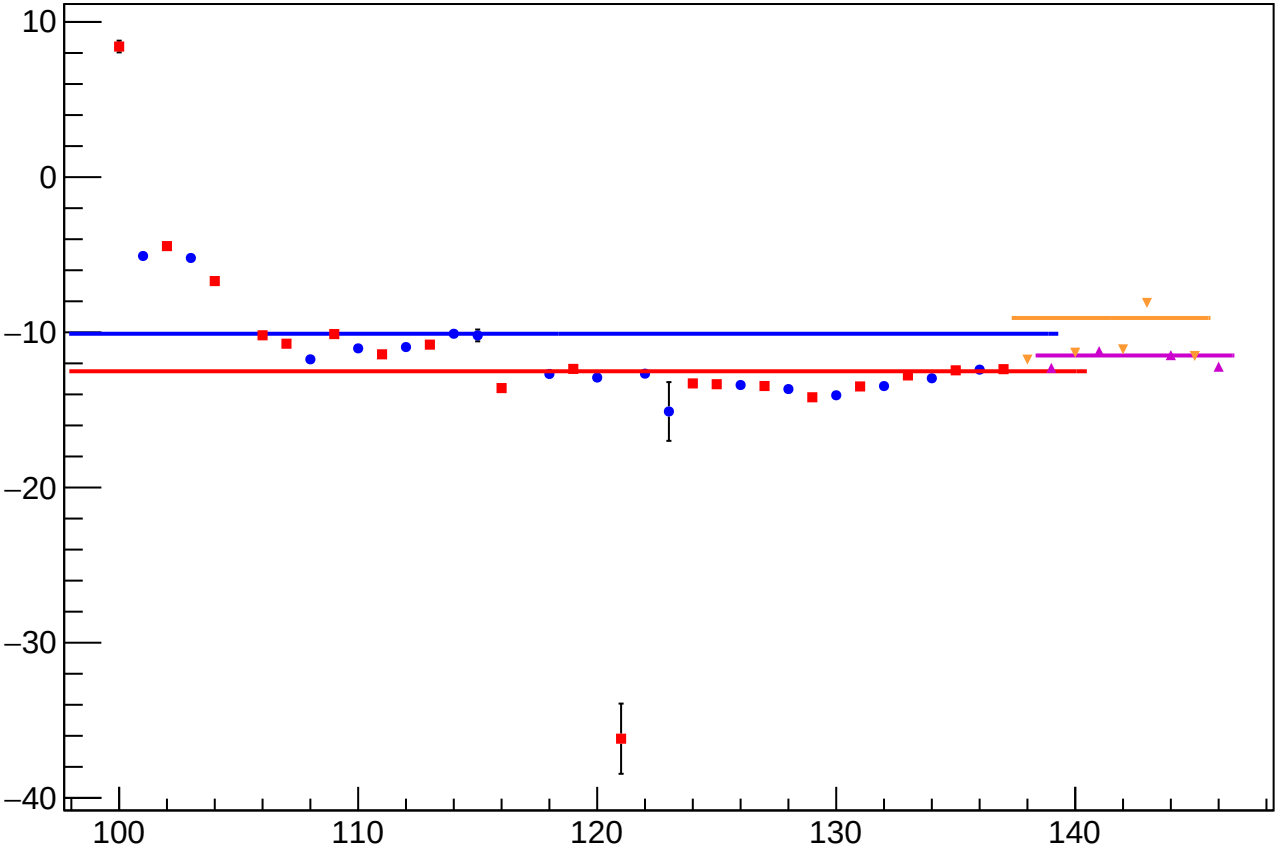
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:27540.6/20

Out: 7.098+/-0.002 χ^2/NDF:24170.0/23

All: 7.032+/-0.000 χ^2/NDF: 53068.7/44

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -9.074+/-0.005 χ^2/NDF:89855.6/4

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -11.492+/-0.007 χ^2/NDF:3236.7/3

Left: -9.874+/-0.004 χ^2/NDF: 169483.2/8

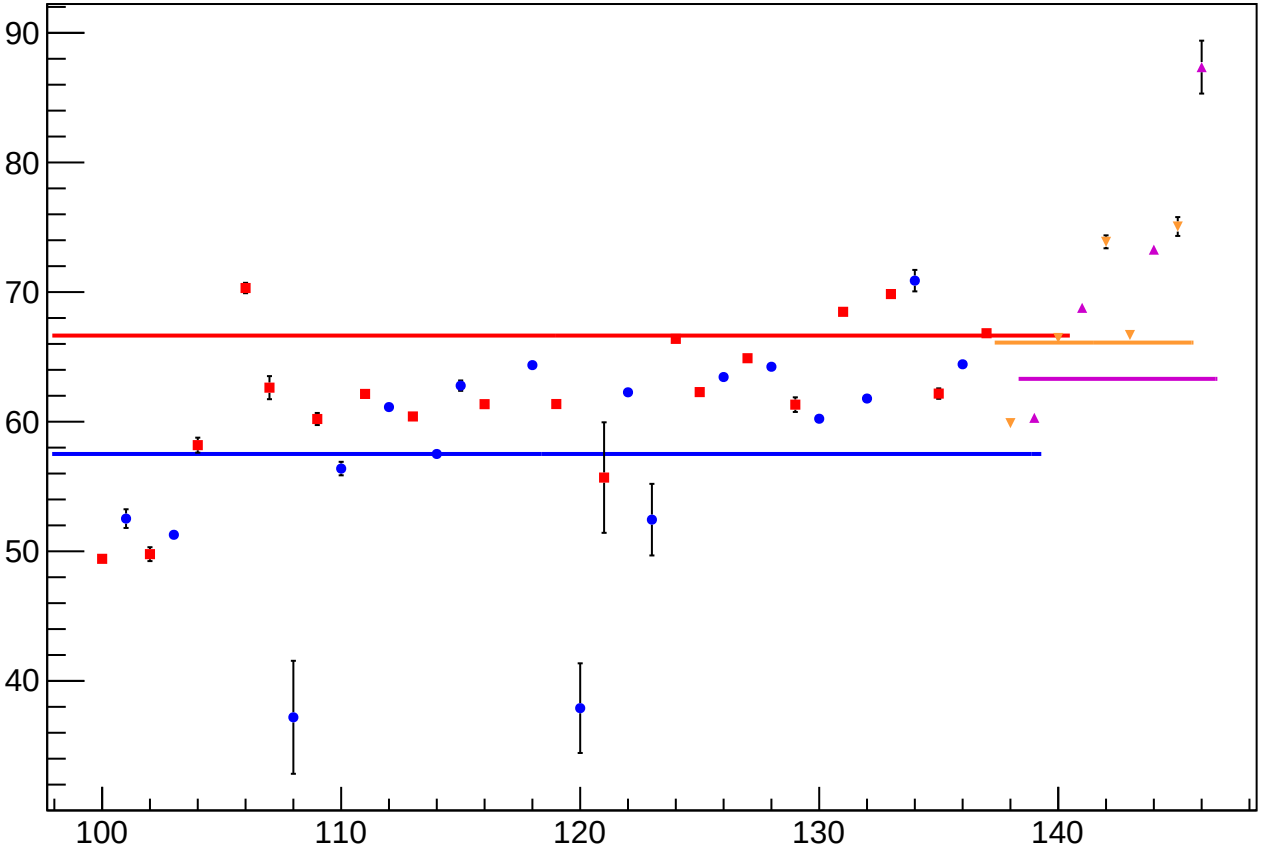
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:585037.7/20

Out: -11.282+/-0.003 χ^2/NDF:492841.8/23

All: -10.092+/-0.000 χ^2/NDF: 1234521.6/44

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 66.104+/-0.119 χ^2/NDF:871.6/4

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 63.305+/-0.098 χ^2/NDF:2324.1/3

Left: 64.438+/-0.076 χ^2/NDF: 3524.3/8

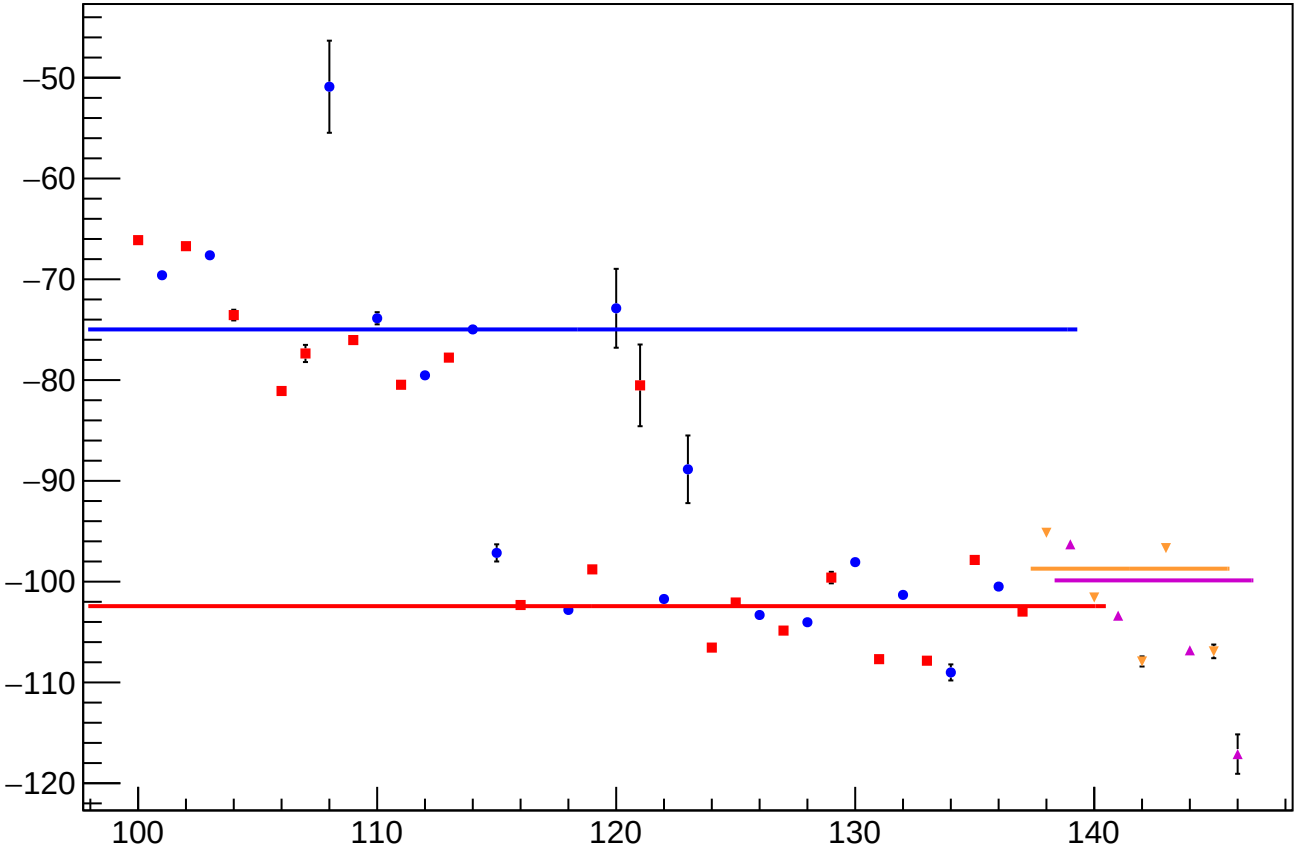
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:13912.3/20

Out: 66.638+/-0.013 χ^2/NDF:9055.7/23

All: 57.510+/-0.000 χ^2/NDF: 516317.1/44

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -98.712+/-0.119 χ^2/NDF:920.0/4

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -99.875+/-0.115 χ^2/NDF:1331.4/3

Left: -99.313+/-0.083 χ^2/NDF: 2300.4/8

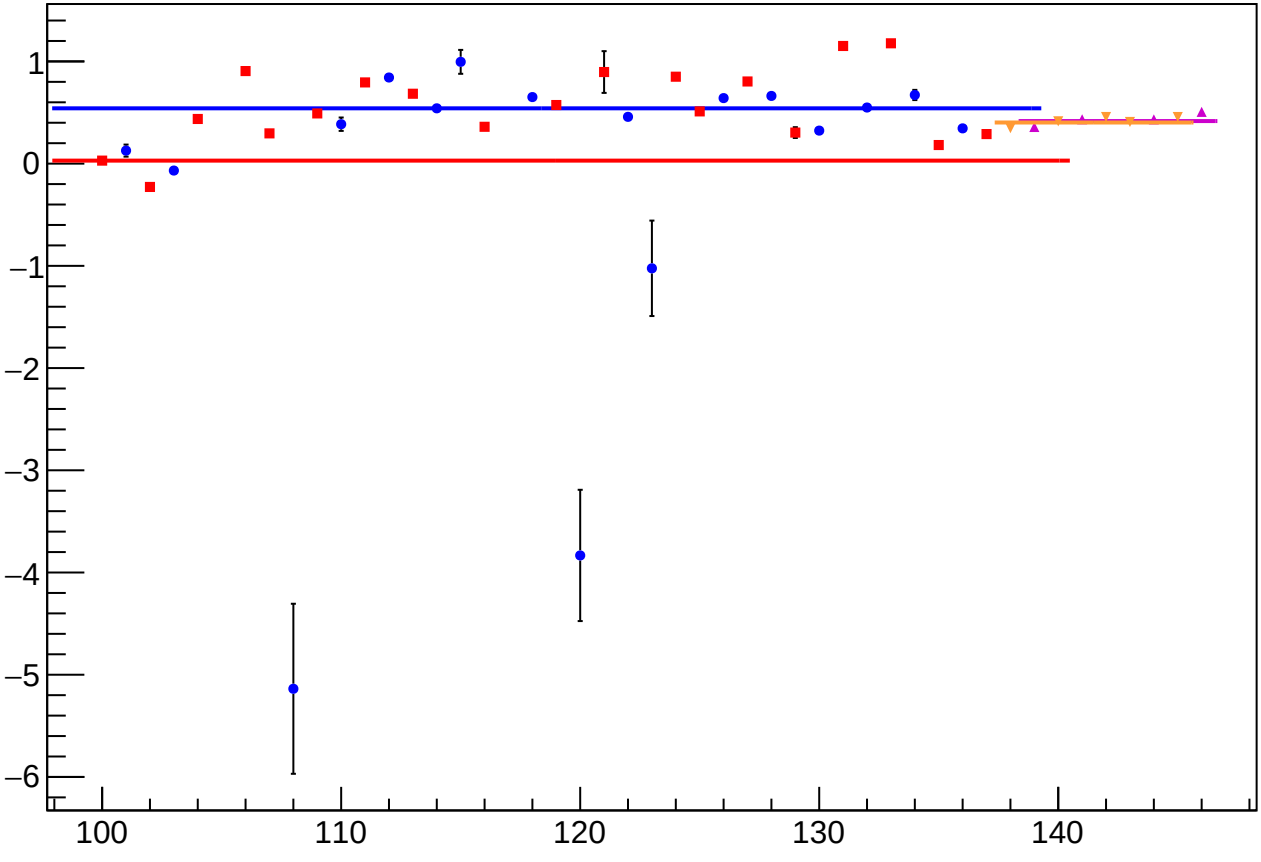
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:178379.2/20

Out: -102.349+/-0.018 χ^2/NDF:52246.9/23

All: -74.974+/-0.000 χ^2/NDF: 2644844.0/44

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.402+/-0.001 χ^2/NDF:528.9/4

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.416+/-0.001 χ^2/NDF:1069.7/3

Left: 0.410+/-0.001 χ^2/NDF: 1685.9/8

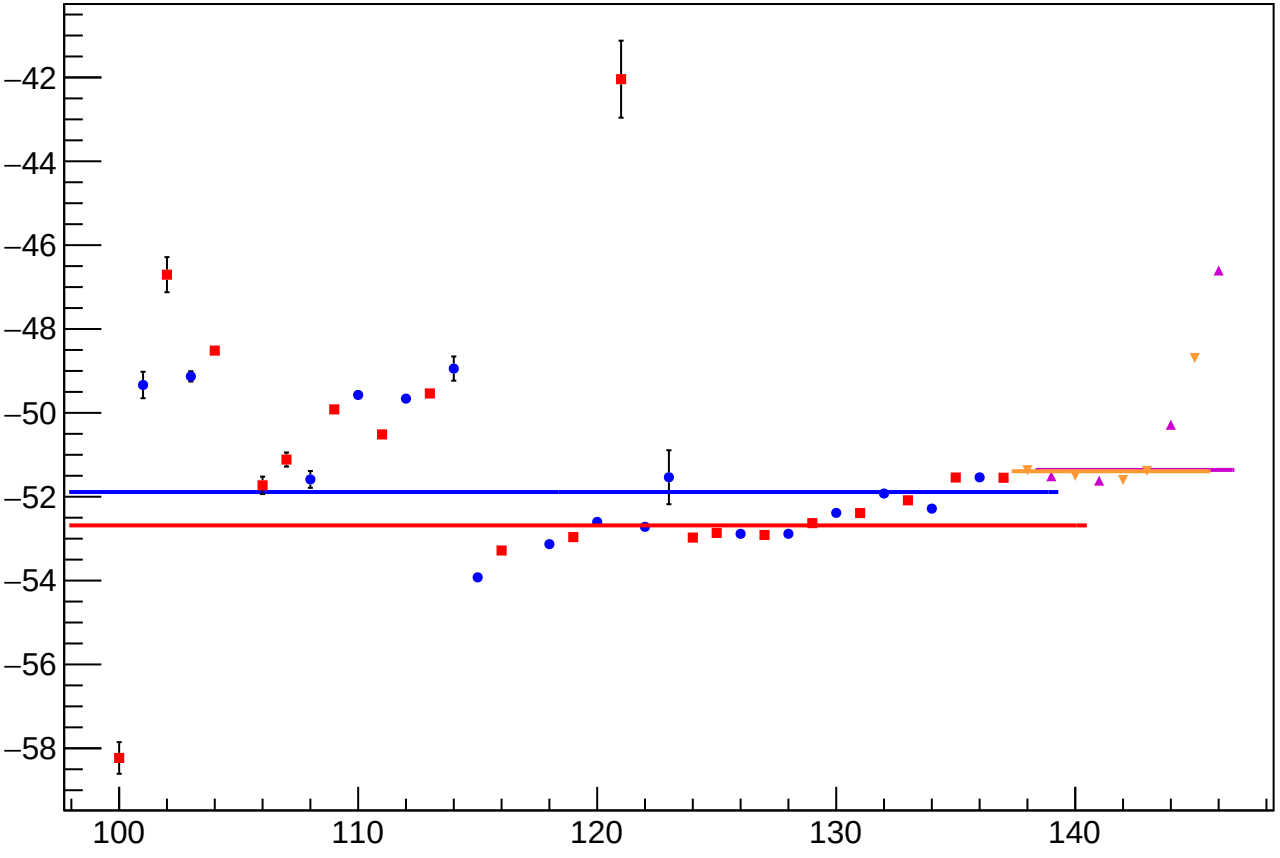
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:46323.3/20

Out: 0.030+/-0.000 χ^2/NDF:229747.4/23

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: -51.392+/-0.004 χ^2/NDF:5032.7/4

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -51.360+/-0.004 χ^2/NDF:67740.5/3

Left: -51.374+/-0.003 χ^2/NDF: 72803.5/8

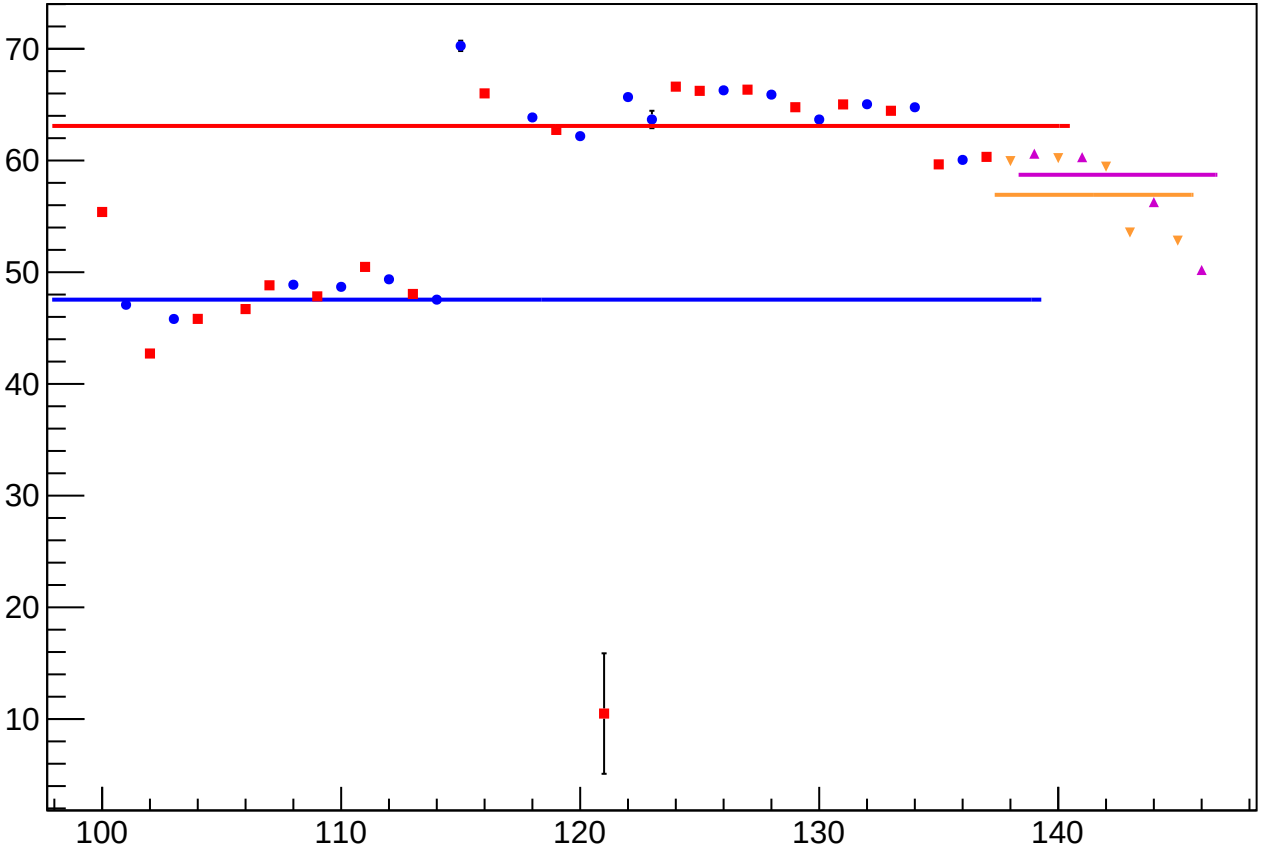
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -51.752+/-0.002 χ^2/NDF:159761.2/20

Out: -52.351+/-0.002 χ^2/NDF:126824.4/23

All: -52.010+/-0.001 χ^2/NDF: 328505.8/44

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 56.930+/-0.008 χ^2/NDF:159877.9/4

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 58.723+/-0.020 χ^2/NDF:27556.0/3

Left: 57.173+/-0.007 χ^2/NDF: 194198.5/8

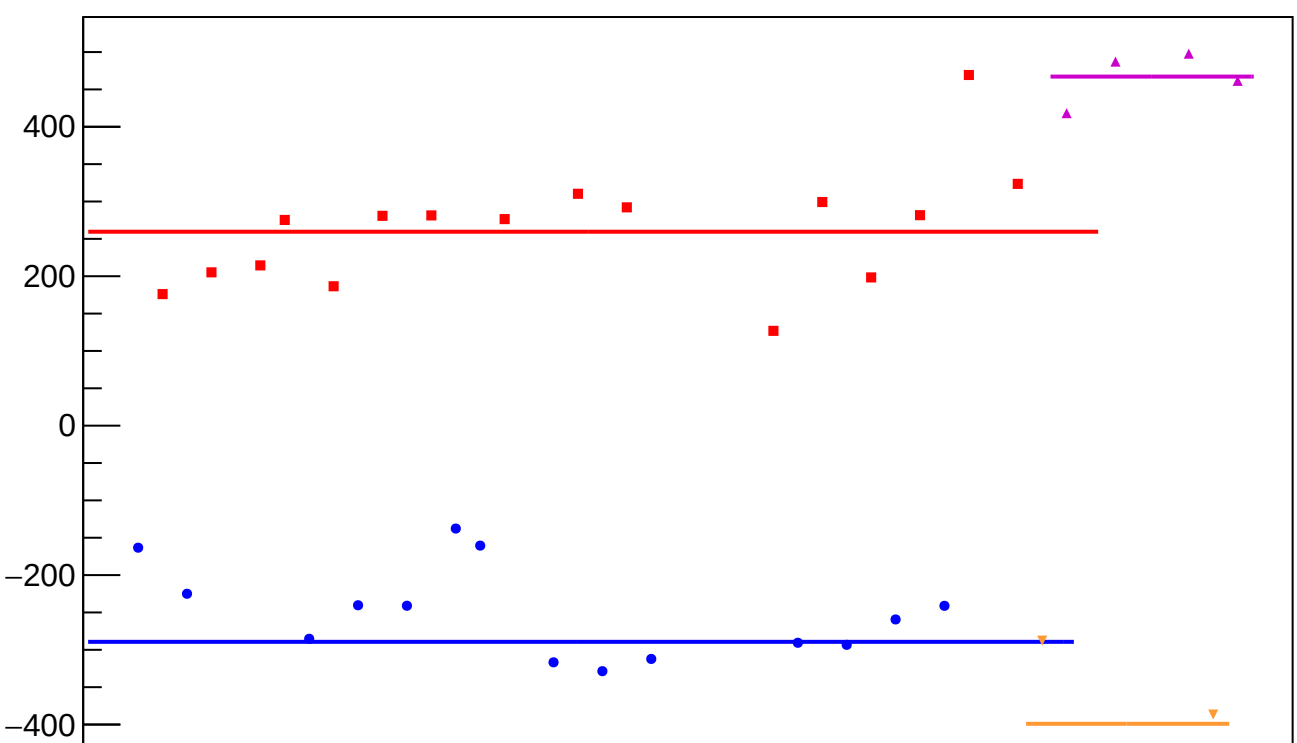
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:3823300.9/20

Out: 60.232+/-0.005 χ^2/NDF:809638.6/23

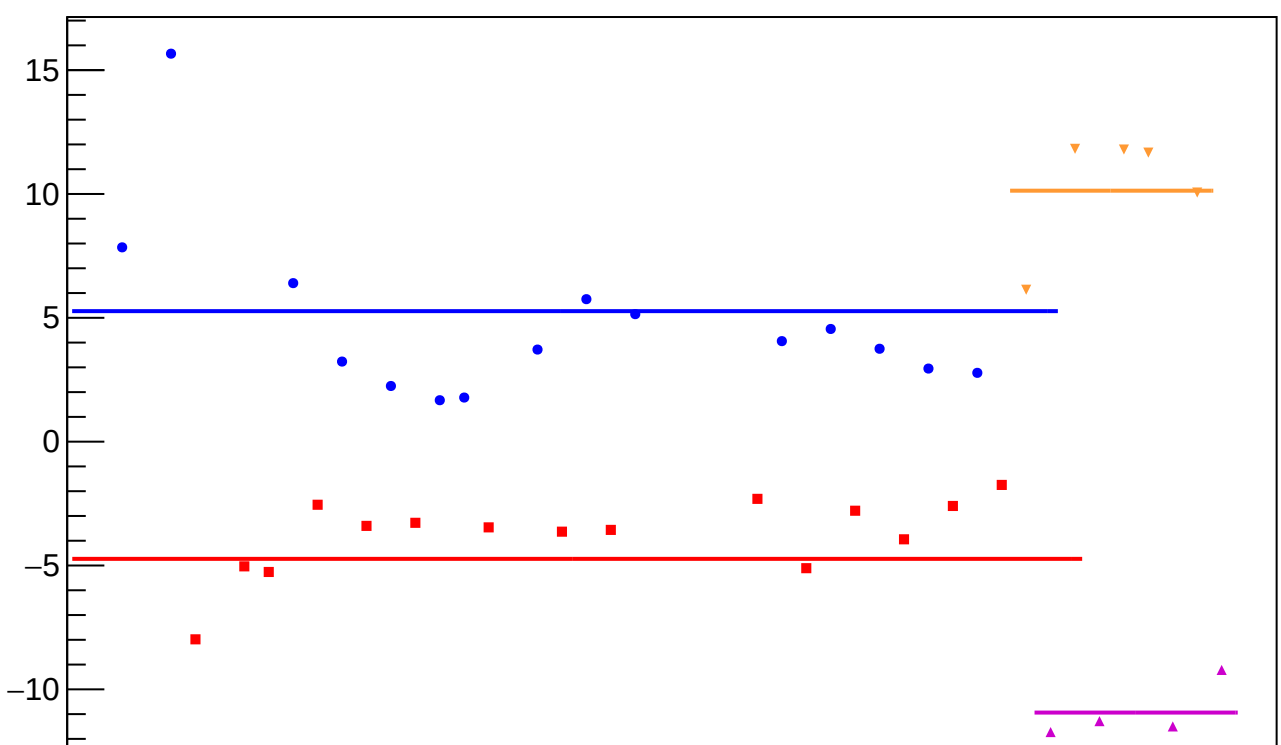
All: 47.545+/-0.000 χ^2/NDF: 10014457.9/44

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 24.069+/-0.000 χ^2/NDF: 1315343311065966
Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14
Right: -11.129+/-0.000 χ^2/NDF: 108768514077982
Left Out: -399.014+/-0.000 χ^2/NDF:1488823794825315518881387329355776000.0/4
In: -30.257+/-0.000 χ^2/NDF:1328773433739558 3
Right Out: 259.558+/-0.000 χ^2/NDF: 4299886792692123970784563983770714112.0/15
Out: 31.218+/-0.000 χ^2/NDF:1060907318811841 6
Left In: 467.179+/-0.000 χ^2/NDF:3145598263860235925896770832344023 04.0/3
All: 1.001+/-0.000 χ^2/NDF: 2408646866679 4

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.159+/-0.000 χ^2/NDF: 78867479979340429

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08,0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 10.133+/-0.000 χ^2/NDF:176718870953118019652399612402073 6.0/4

In: -0.281+/-0.000 χ^2/NDF:67424848162482972 0

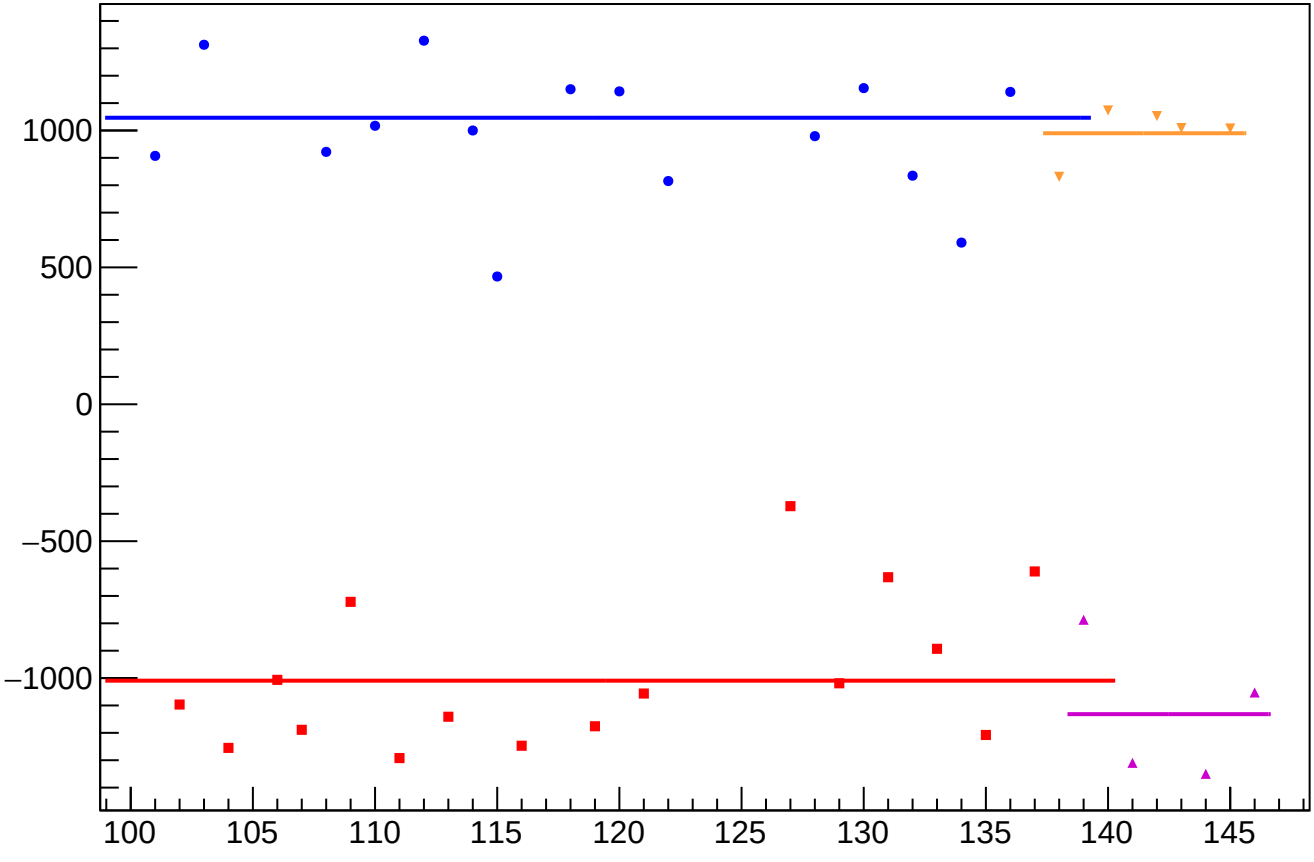
Right Out: -4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

Out: 0.422+/-0.000 χ^2/NDF:5972127658829411 14

Left In: -10.938+/-0.000 χ^2/NDF:334298387414422326603452612870144.0/3

All: 0.077+/-0.000 χ^2/NDF: 1273940540740 4

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

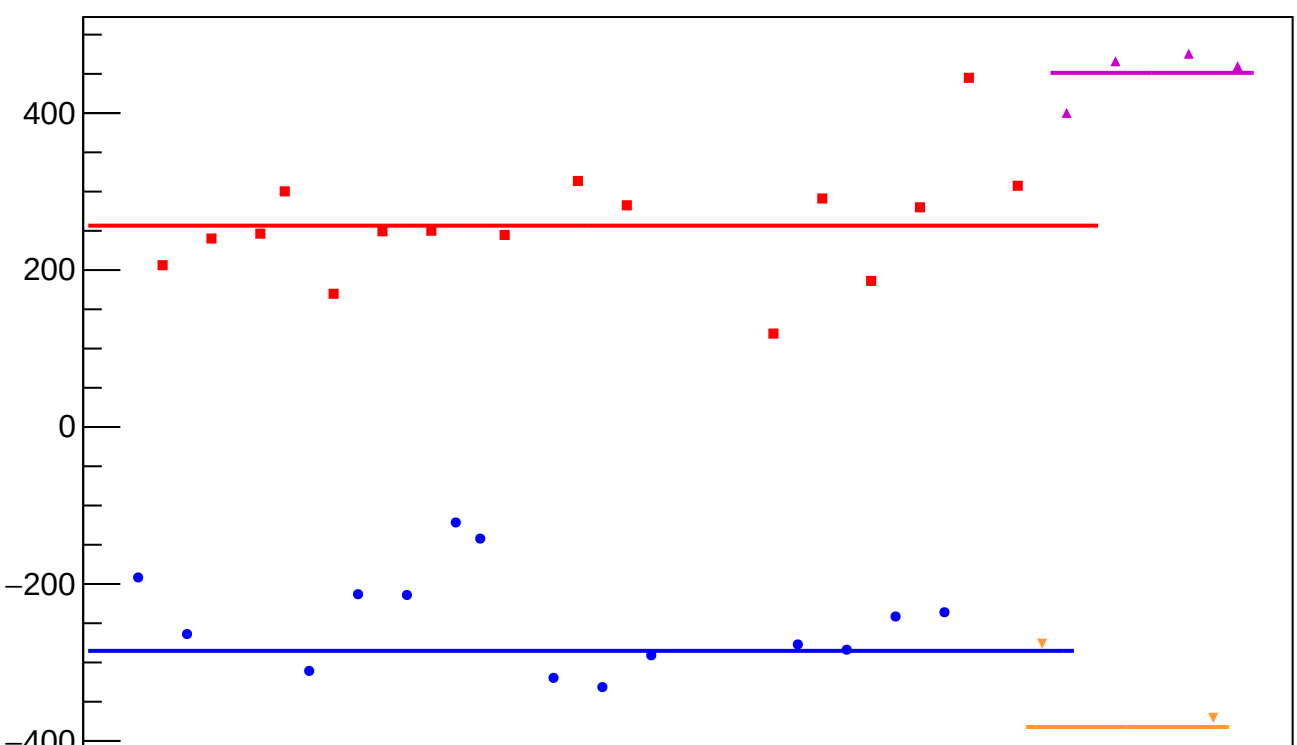
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

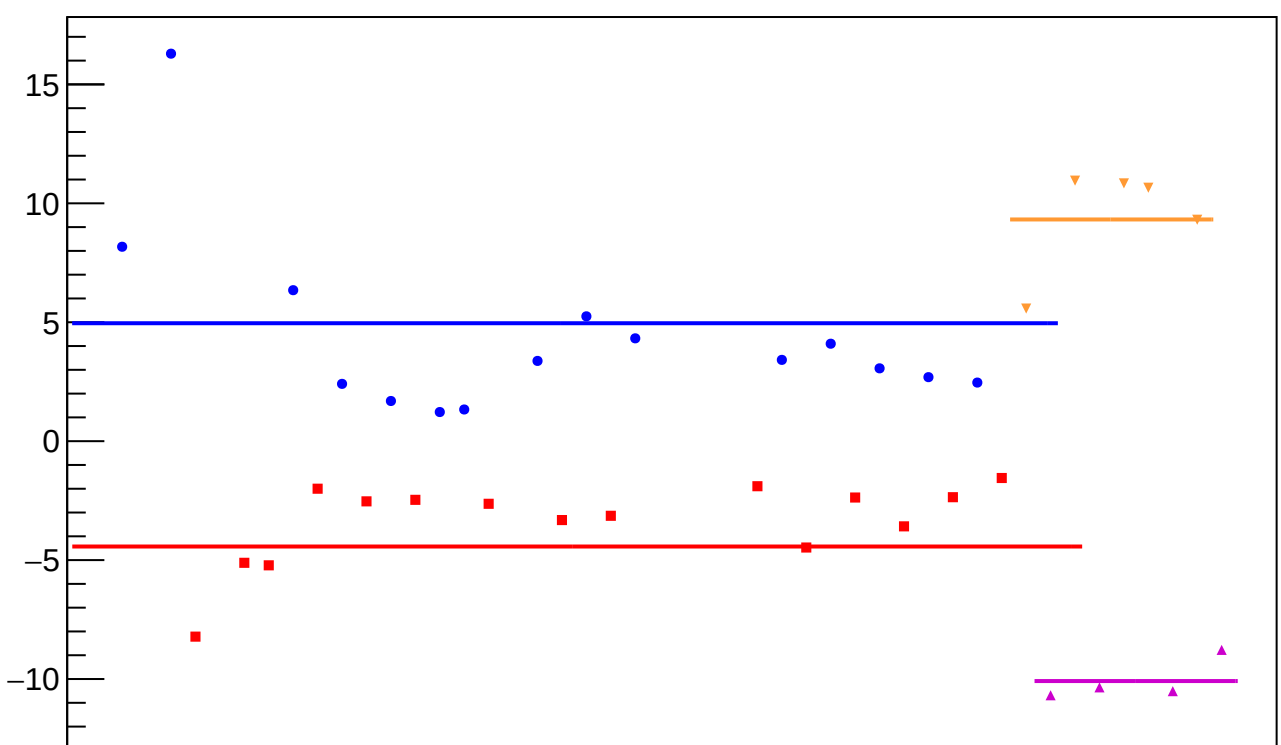
All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 24.898+/-0.000 χ^2/NDF: 1217746621553329
Right In: -285.187+/-0.000 χ^2/NDF: 4479585262853549838092521921291747328.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -382.235+/-0.000 χ^2/NDF:1352575372581669038827859108564041728.0/4
In: -32.975+/-0.000 χ^2/NDF:1253209252592980
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: 35.103+/-0.000 χ^2/NDF:9938073268946441
Left In: 451.303+/-0.000 χ^2/NDF:2886066257511463494041856052192870 40.0/3
All: 1.641+/-0.000 χ^2/NDF: 2270275612996

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.158+/-0.000 χ^2/NDF: 66853055800135083

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: 9.321+/-0.000 χ^2/NDF:153817267551238131375891760860364 8.0/4

In: -0.193+/-0.000 χ^2/NDF:60961119249935017 0

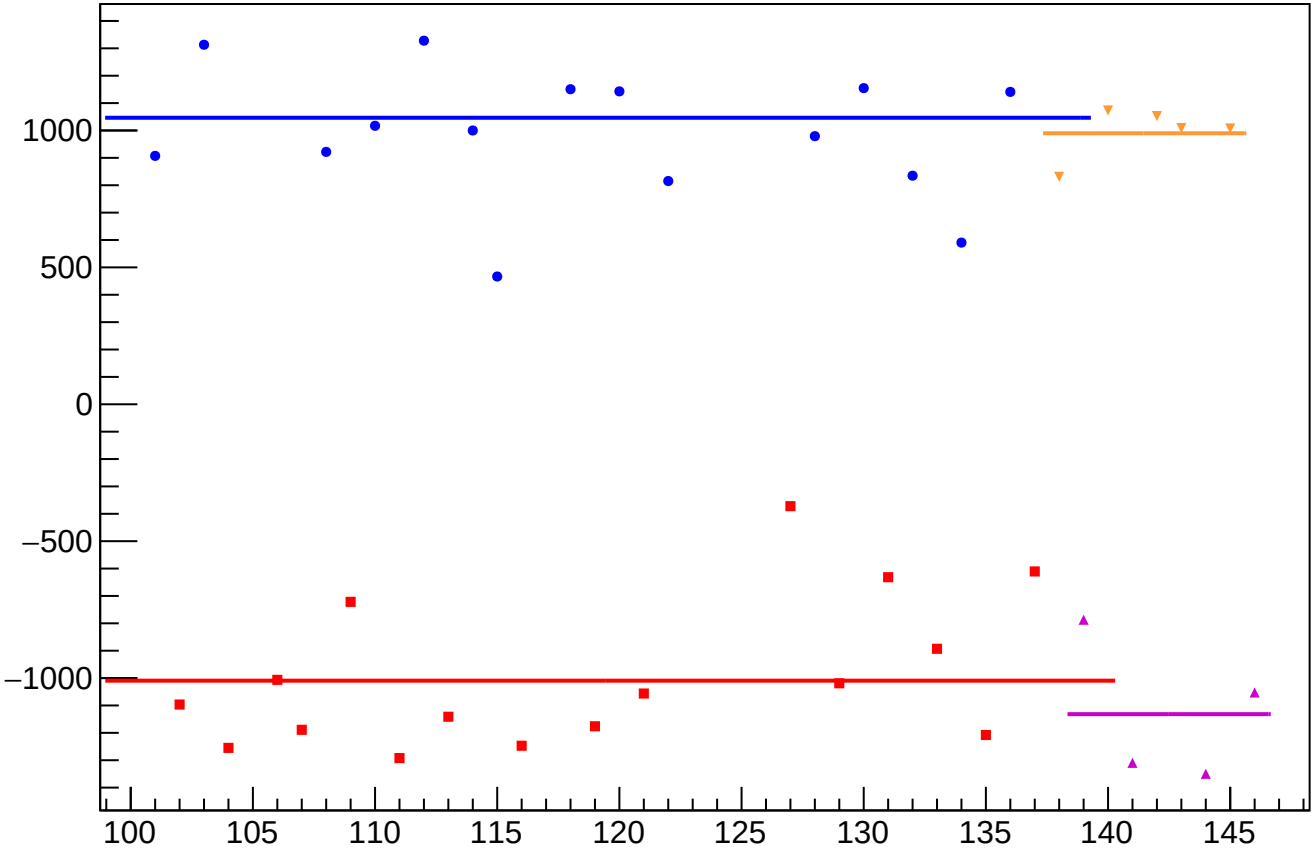
Right Out: -4.429+/-0.000 χ^2/NDF: 83714404003345245711317967726182 40.0/15

Out: 0.339+/-0.000 χ^2/NDF:53634632008419789 7

Left In: -10.085+/-0.000 χ^2/NDF:19357473015890047996376603688960 0.0/3

All: 0.077+/-0.000 χ^2/NDF: 1147376129411 3

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

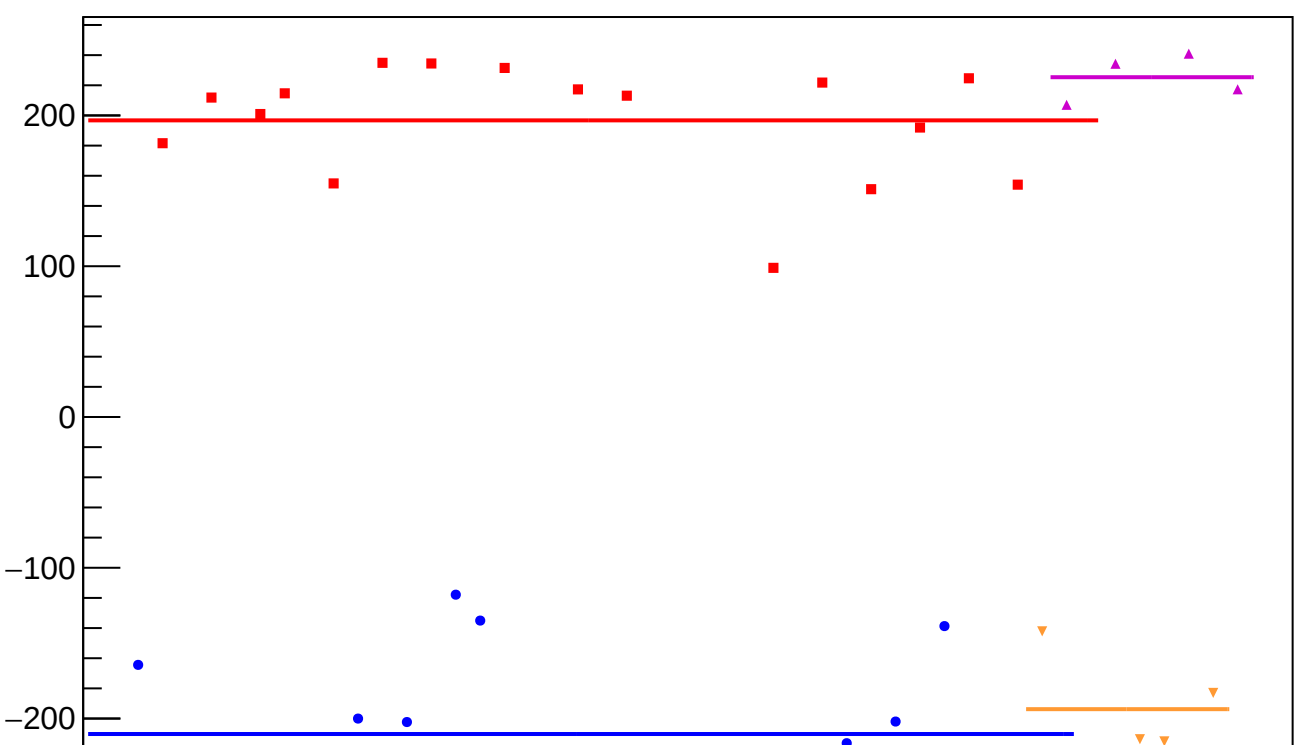
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Left Out: -193.780+/-0.000 χ^2/NDF:3454885796304560831395167437523517 44.0/4

Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Left In: 225.364+/-0.000 χ^2/NDF:6091193266760258492261675008471859 2.0/3

Left: 10.947+/-0.000 χ^2/NDF: 3078305323523103 8

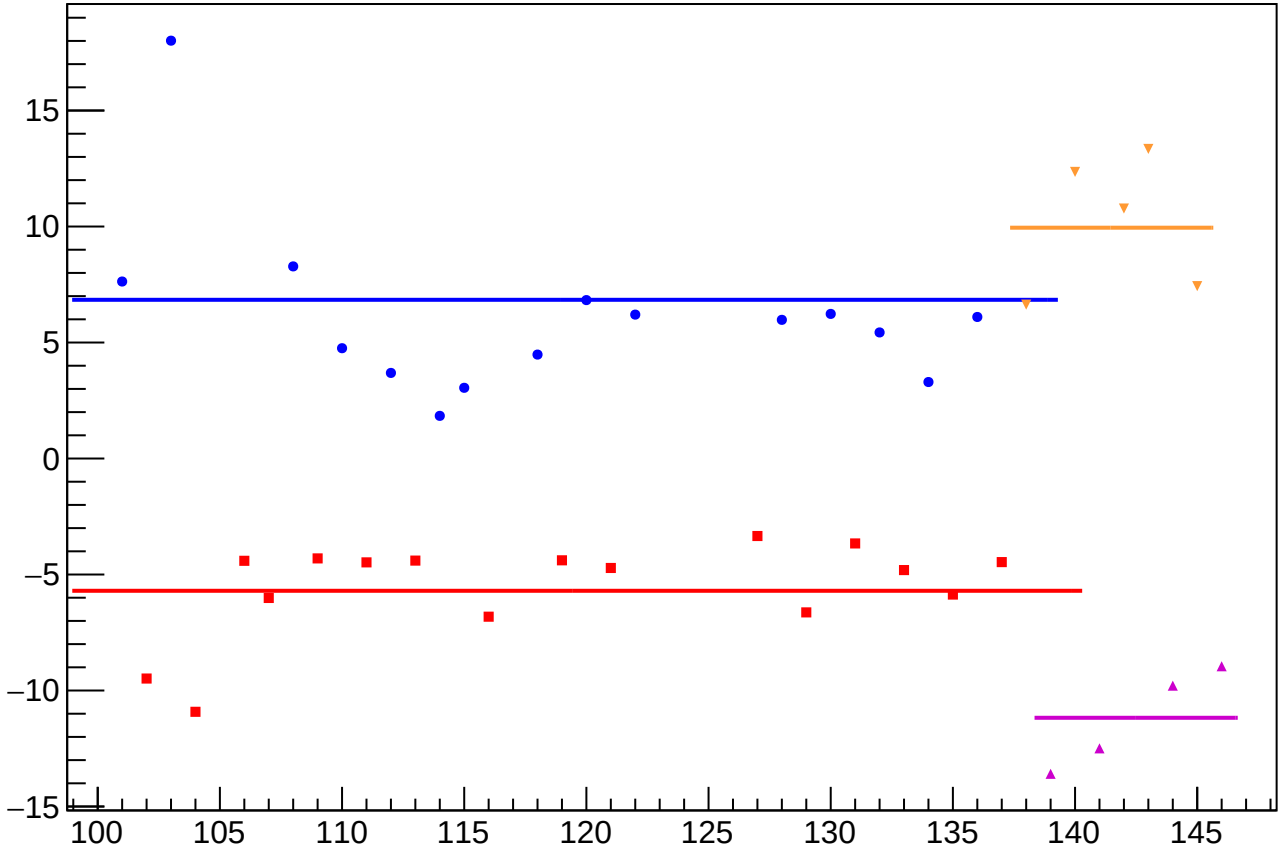
Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

In: -61.081+/-0.000 χ^2/NDF:4280519419317828 3

Out: 61.337+/-0.000 χ^2/NDF:3652310084136880 5

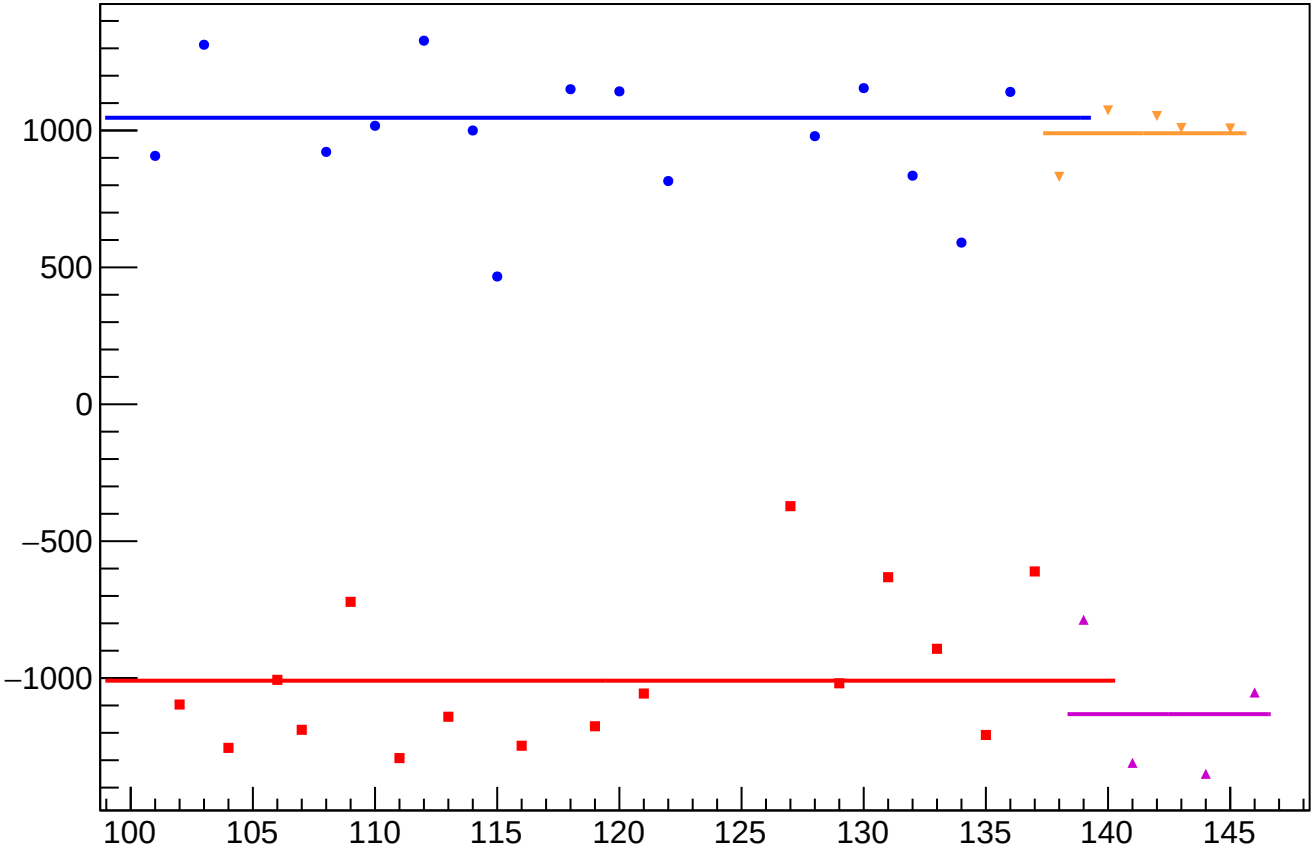
All: 1.165+/-0.000 χ^2/NDF: 8684917512687 7

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: -0.369+/-0.000 χ^2/NDF: 8101067694784841
Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14
Right: 0.484+/-0.000 χ^2/NDF: 6427846195550929
Left Out: 9.949+/-0.000 χ^2/NDF:2650060088424355648388973056753664.0/4
In: 0.672+/-0.000 χ^2/NDF:826999783464197891
Right Out: -5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15
Out: -0.275+/-0.000 χ^2/NDF:6246977403166930
Left In: -11.175+/-0.000 χ^2/NDF:1199818568767137776826994483265536.0/3
All: 0.190+/-0.000 χ^2/NDF: 1456192483782

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

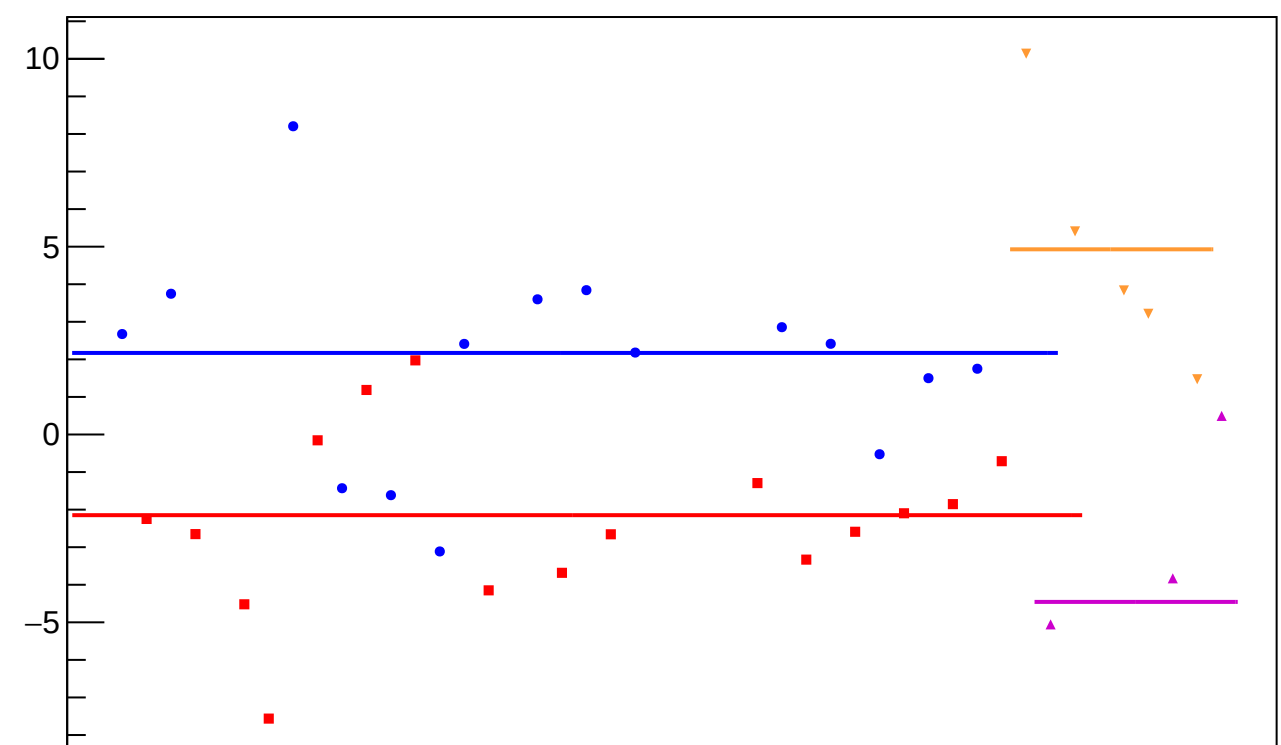
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

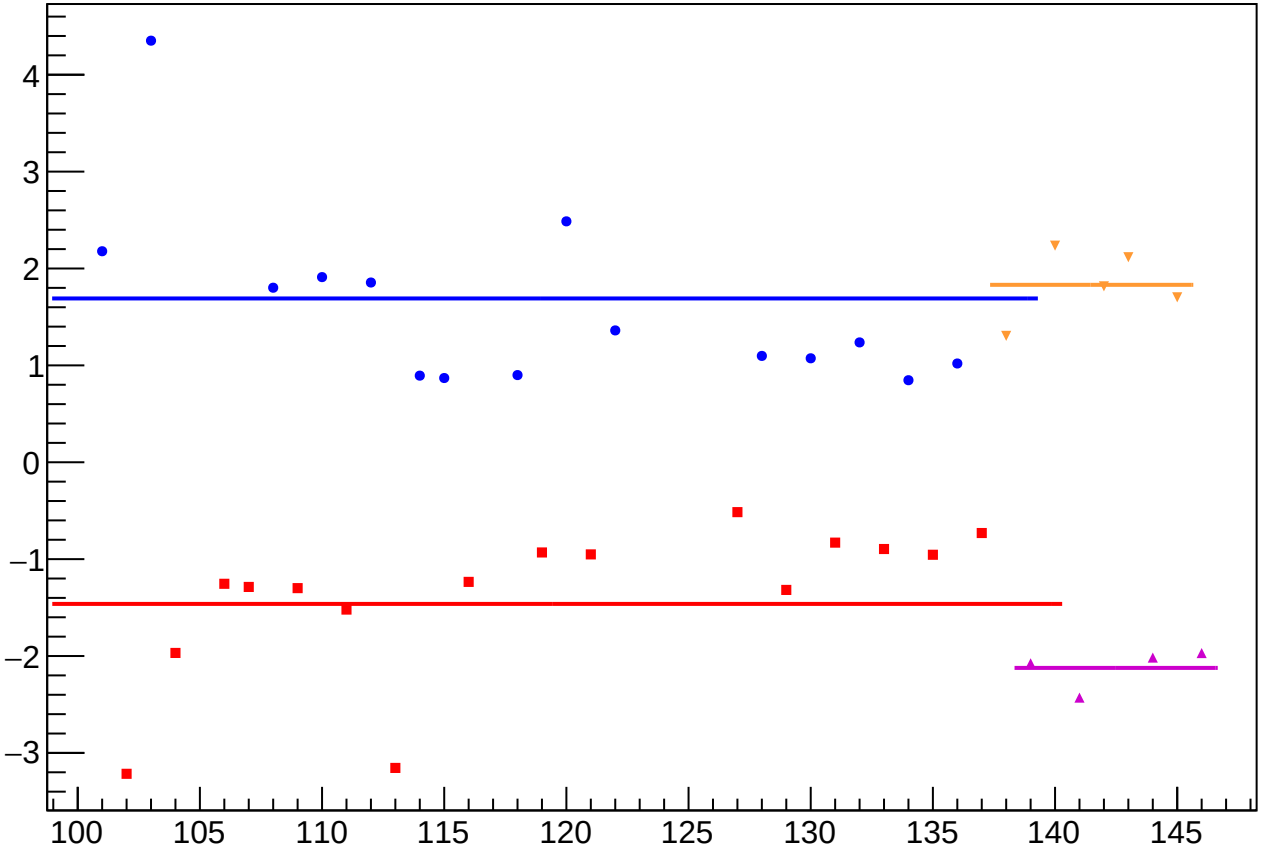
All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.345+/-0.000 χ^2/NDF: 22745641622978569
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 4.929+/-0.000 χ^2/NDF:335563113988898472497287599751168 0.0/4
In: -0.098+/-0.000 χ^2/NDF:175208403816809493
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 0.306+/-0.000 χ^2/NDF:180318547762643612
Left In: -4.456+/-0.000 χ^2/NDF:415818496548186472535071402229760 0.0/3
All: 0.107+/-0.000 χ^2/NDF: 3563478806901

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.100+/-0.000 χ^2/NDF: 27563082706842769

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.831+/-0.000 χ^2/NDF:418529583297694332126073108561 92.0/4

In: 0.385+/-0.000 χ^2/NDF:385523139311477964 7

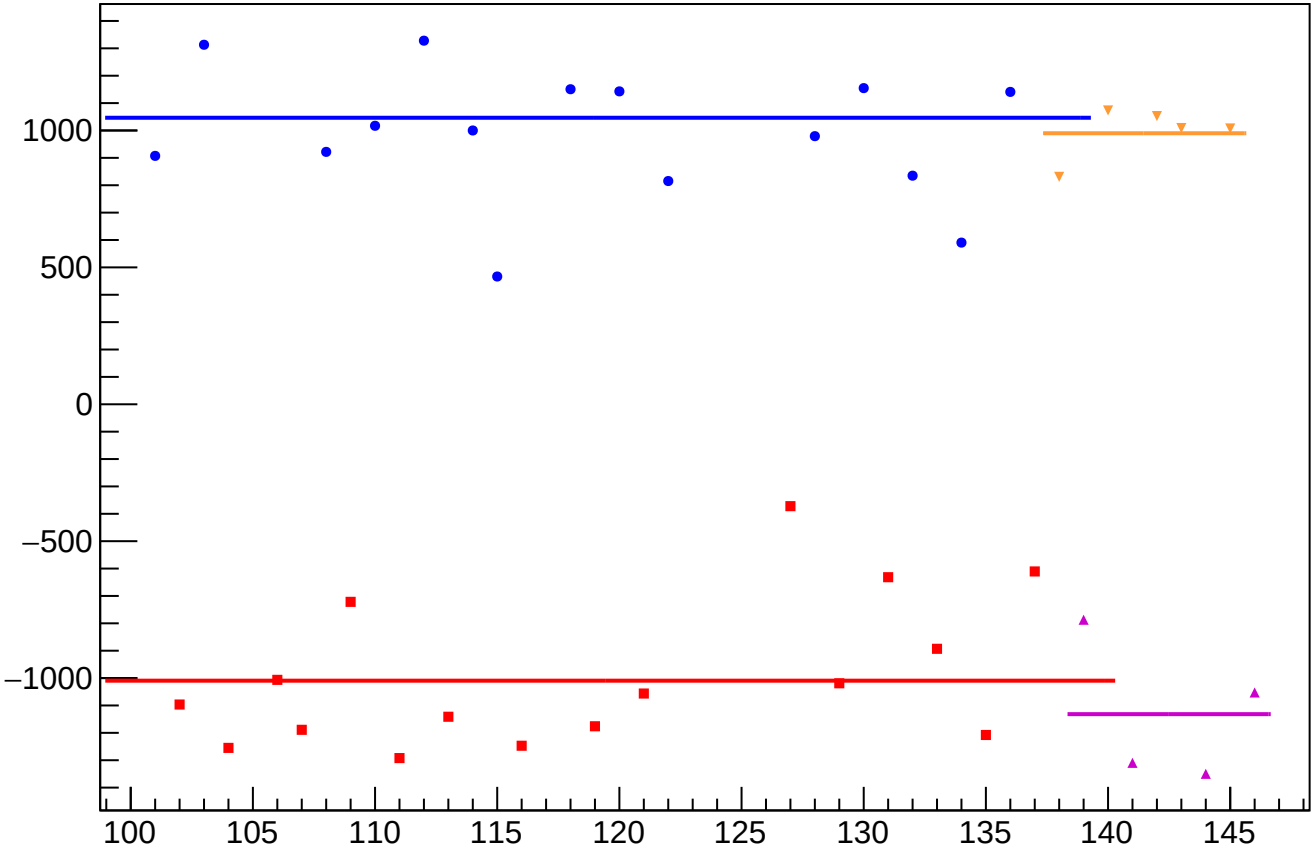
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: -0.320+/-0.000 χ^2/NDF:29947912656835745

Left In: -2.123+/-0.000 χ^2/NDF:111335159114197961454502711132 16.0/3

All: 0.026+/-0.000 χ^2/NDF: 7099472165147 7

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

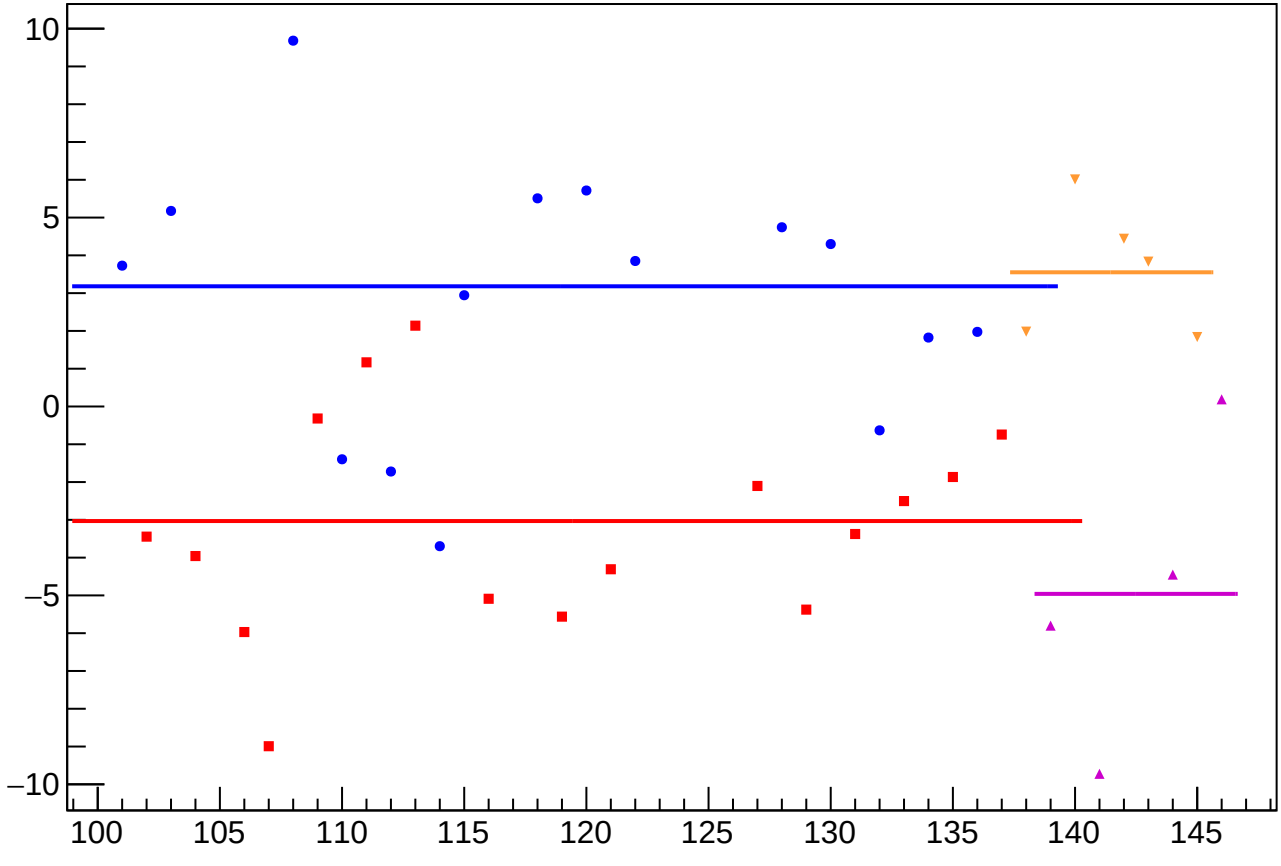
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

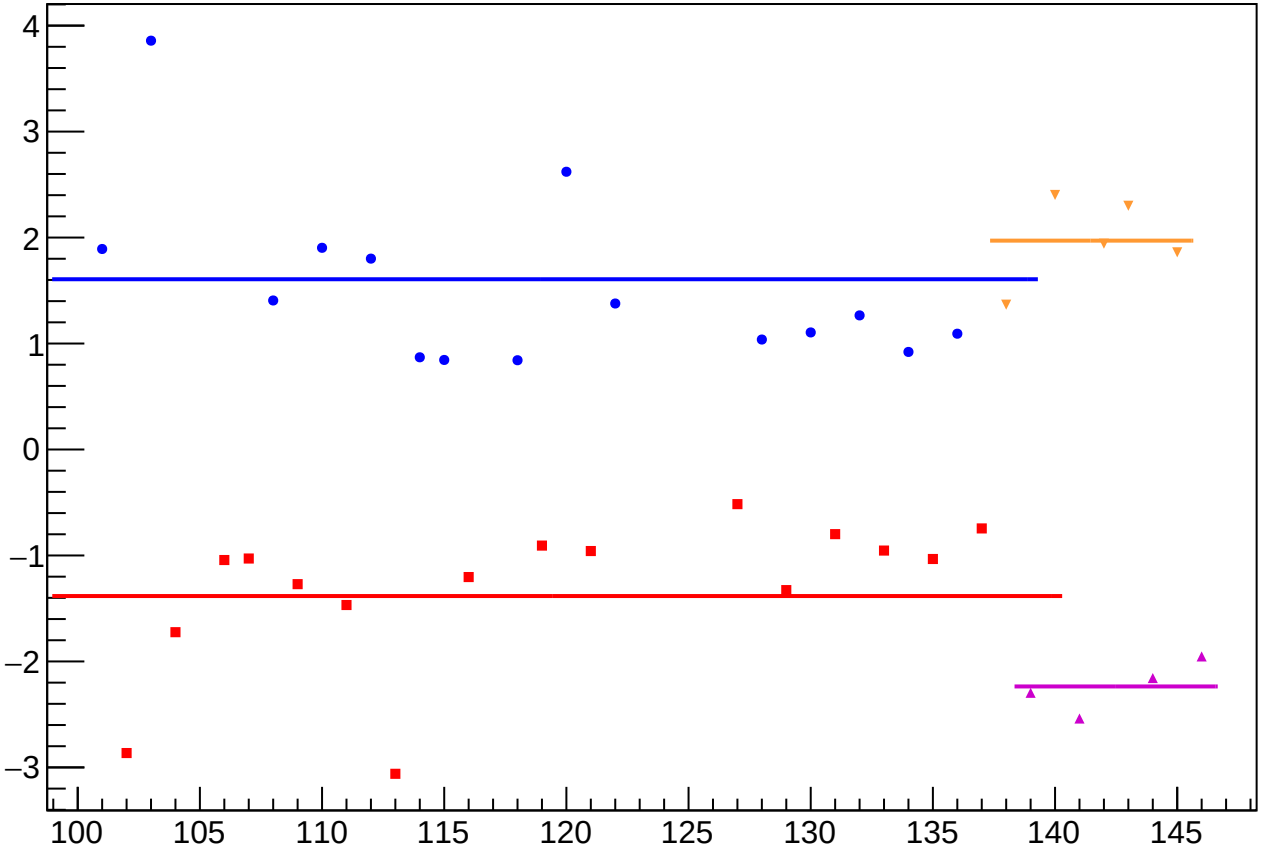
All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.606+/-0.000 χ^2/NDF: 1770192795848054
Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14
Right: 0.032+/-0.000 χ^2/NDF: 2346777156531399
Left Out: 3.552+/-0.000 χ^2/NDF:967155136948161724065041109483520.0/4
In: 0.393+/-0.000 χ^2/NDF:247711870744626758
Right Out: -3.032+/-0.000 χ^2/NDF: 4937209831371793945496546833334272.0/15
Out: -0.749+/-0.000 χ^2/NDF:15927923254505851
Left In: -4.960+/-0.000 χ^2/NDF:4208675130544382166967109900304384.0/3
All: -0.188+/-0.000 χ^2/NDF: 4135415751961

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.084+/-0.000 χ^2/NDF: 31275431080053065

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Right: 0.091+/-0.000 χ^2/NDF: 37590279045296247

Left Out: 1.971+/-0.000 χ^2/NDF:51999349909358604966552638849024.0/4

In: 0.291+/-0.000 χ^2/NDF:37579066158605481 24

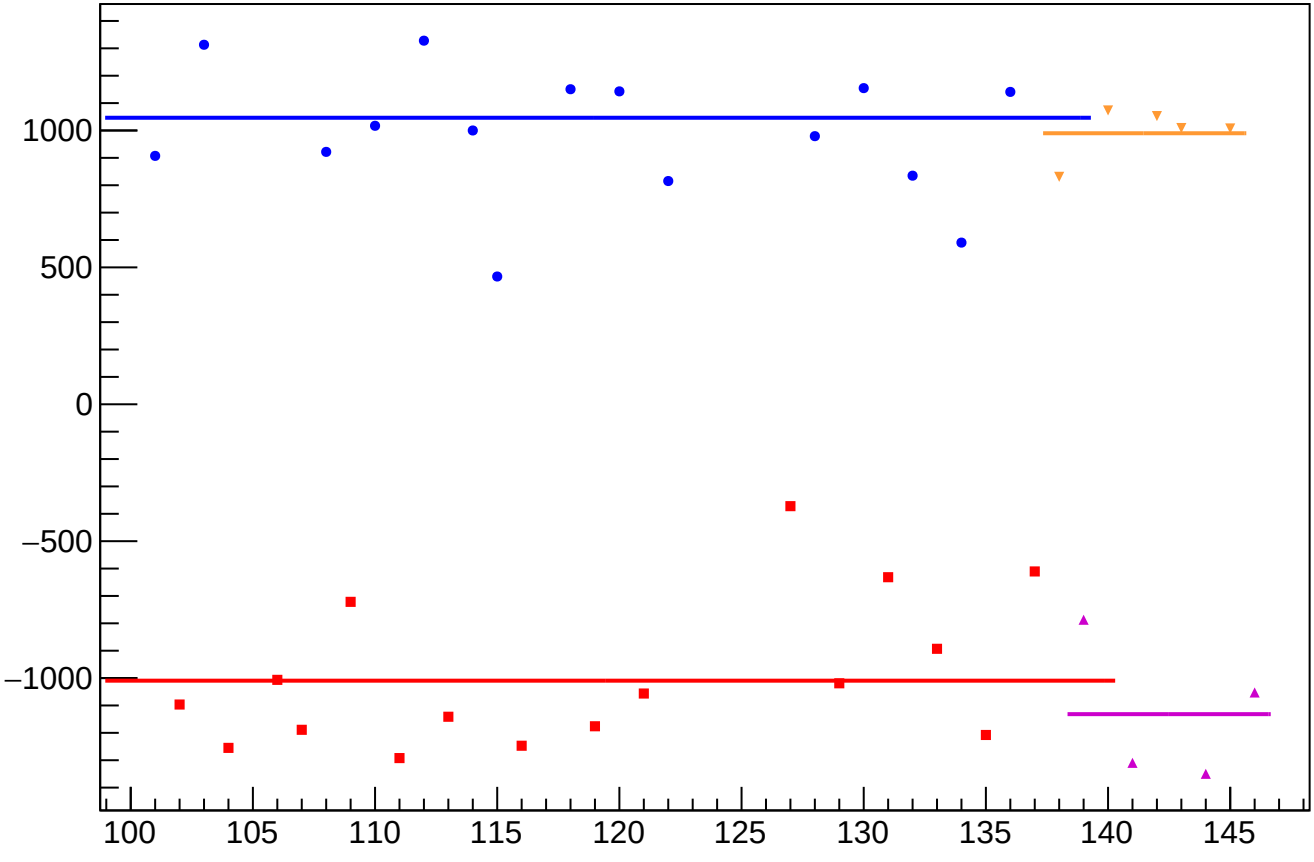
Right Out: -1.383+/-0.000 χ^2/NDF: 35834889701628620095765033779200 0.0/15

Out: -0.220+/-0.000 χ^2/NDF:30116930279388937

Left In: -2.236+/-0.000 χ^2/NDF:15290578882671212378527132286976.0/3

All: 0.031+/-0.000 χ^2/NDF: 69005045996561

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

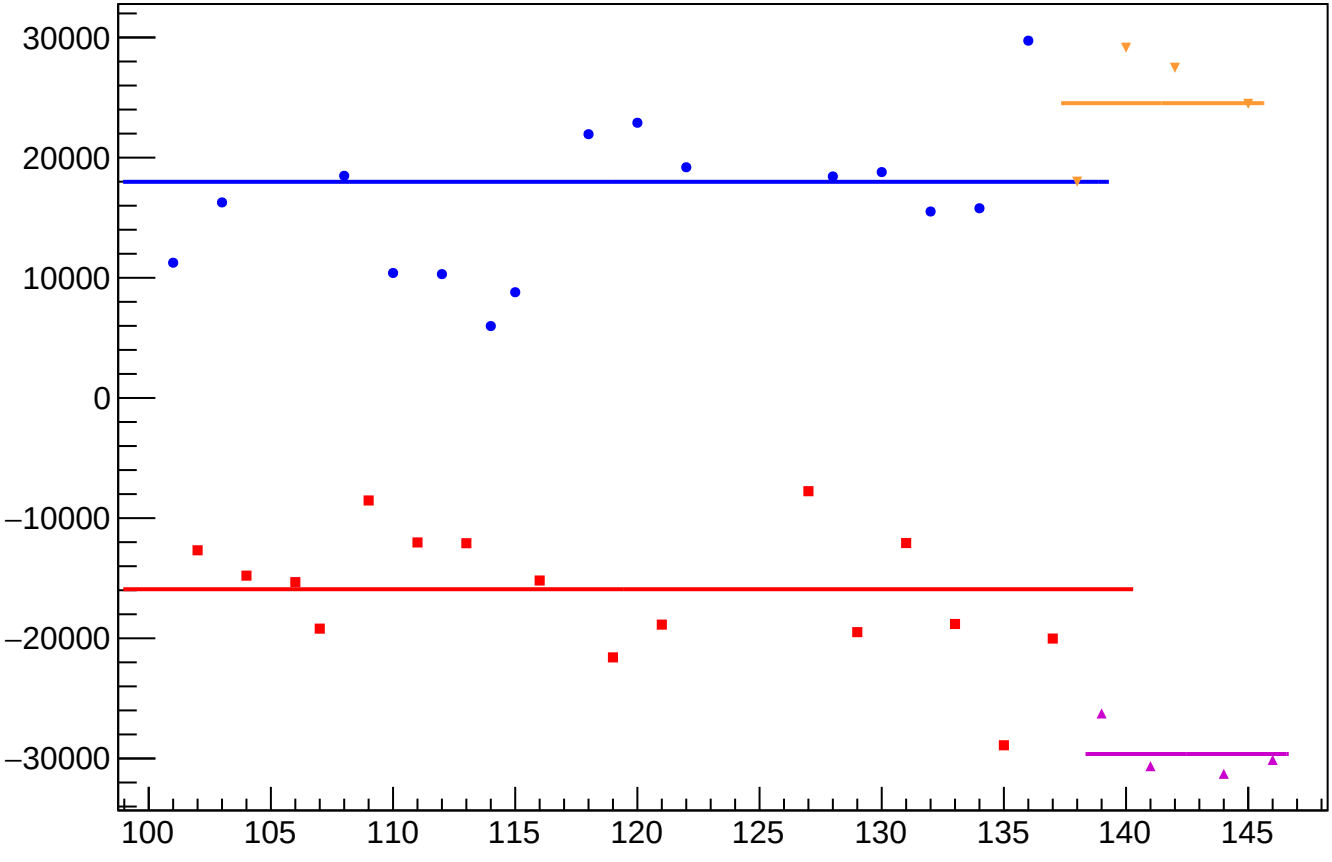
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_usl_coil1_mean vs Slug, Sign Corrected



Left: -4757.437+/-0.000 χ^2/NDF: 46204031778773

Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14

Right: 804.617+/-0.000 χ^2/NDF: 422864756621879

Left Out: 24532.830+/-0.000 χ^2/NDF:5474481703521511106664369162813037346816.0/3

In: 1681.876+/-0.000 χ^2/NDF:530001058125427

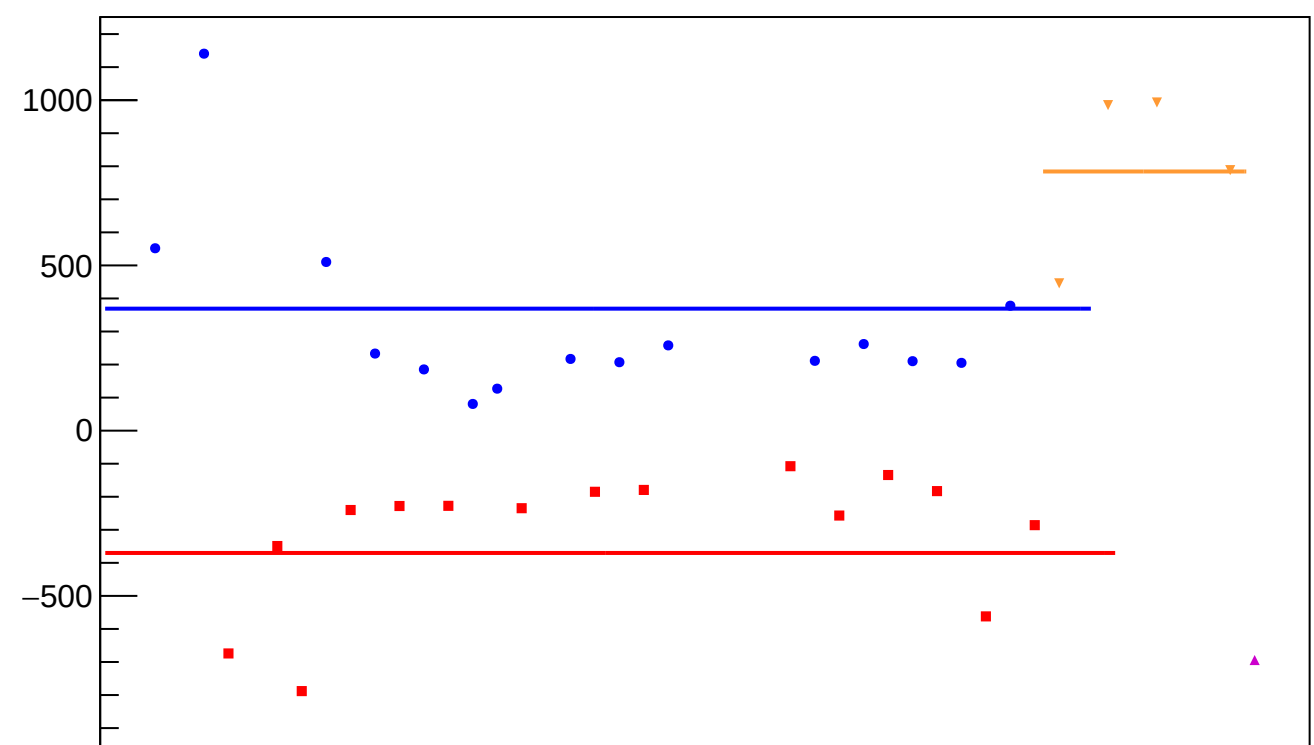
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15

Out: -3746.891+/-0.000 χ^2/NDF:35371643716664

Left In: -29628.168+/-0.000 χ^2/NDF:1271869344433127476043798596021318057984.0/3

All: -986.359+/-0.000 χ^2/NDF: 89801441194

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -158.488+/-0.000 χ^2/NDF: 493843476089983

Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14

Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500

Left Out: 784.232+/-0.000 χ^2/NDF:1424648995176154909914453256504868864 0.0/3

In: -85.653+/-0.000 χ^2/NDF:4480466171789447 0

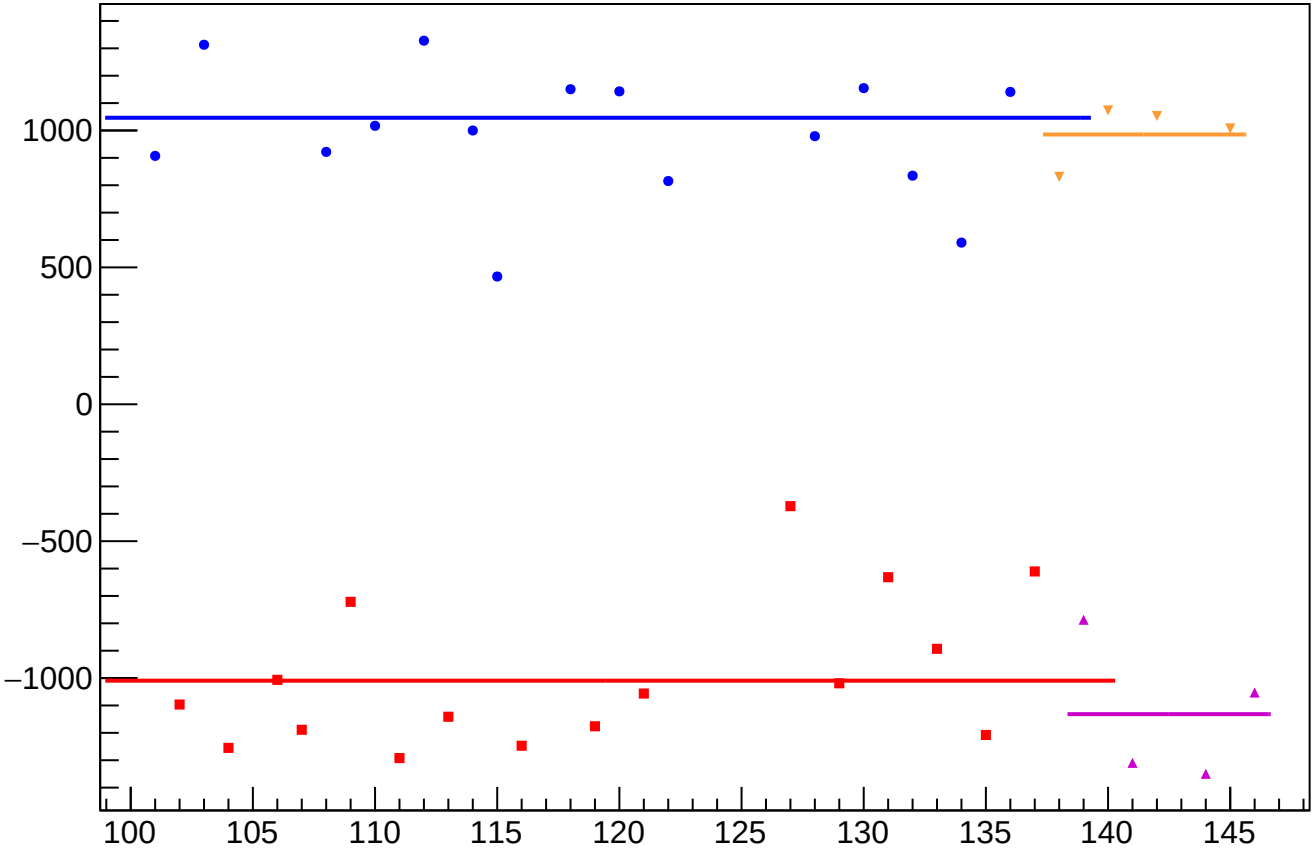
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15

Out: -22.826+/-0.000 χ^2/NDF:3298318475316180

Left In: -958.963+/-0.000 χ^2/NDF:7957146133138041961343924763937996800.0/3

All: -54.773+/-0.000 χ^2/NDF: 779793264309

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -159.526+/-0.000 χ^2/NDF: 715505570235282

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: 985.429+/-0.000 χ^2/NDF:2743479969900970821890629375312789504.0/3

In: 300.557+/-0.000 χ^2/NDF:1096423586833548 9

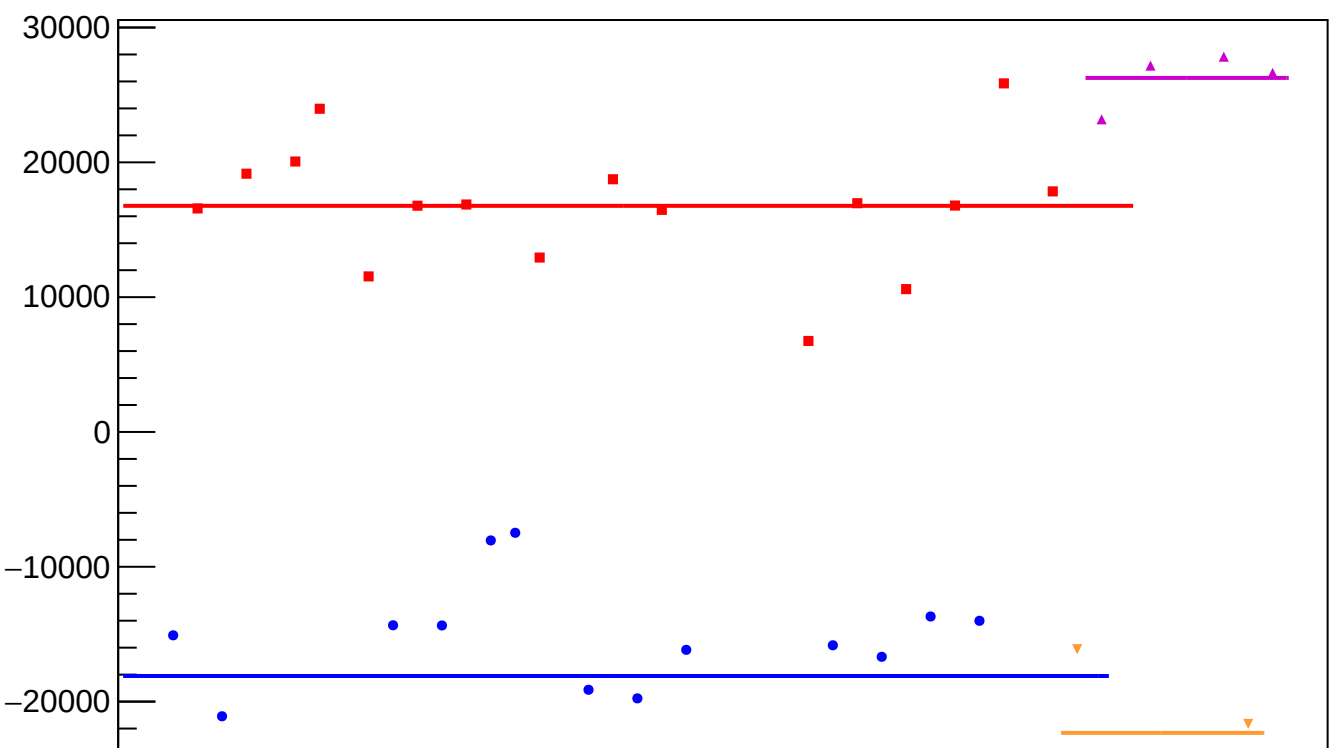
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -409.310+/-0.000 χ^2/NDF:845874412772620

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -48.342+/-0.000 χ^2/NDF: 218675056478

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 1409.585+/-0.000 χ^2/NDF: 413761668264217

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -22320.232+/-0.000 χ^2/NDF:458105156220307809401219047902882981478 4.0/4

In: -2908.327+/-0.000 χ^2/NDF:453115755227334

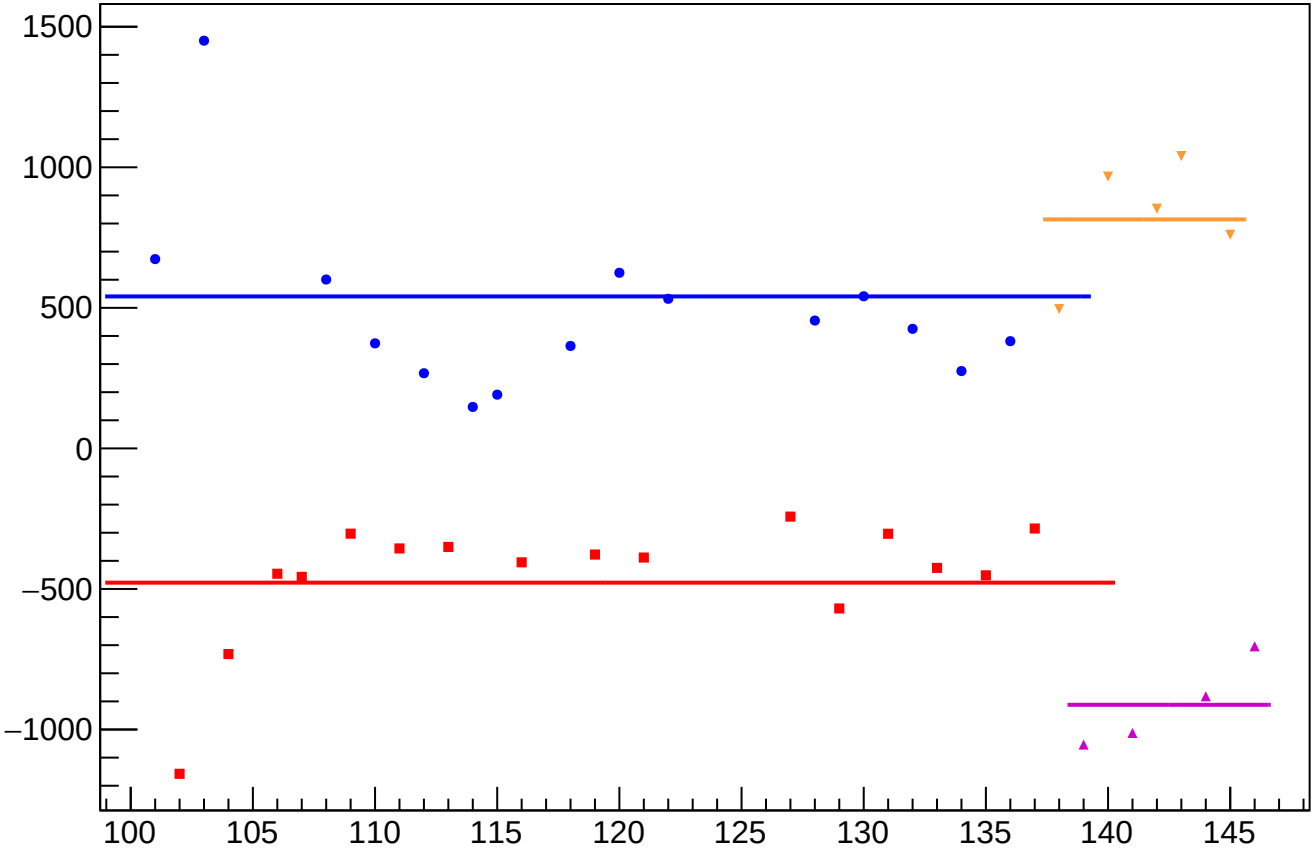
Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Out: 3219.032+/-0.000 χ^2/NDF:372259040707003

Left In: 26262.706+/-0.000 χ^2/NDF:1066692641630792294967960553036516950016.0/3

All: 207.228+/-0.000 χ^2/NDF: 844216747677

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 814.673+/-0.000 χ^2/NDF:1355194396156415159555692061937945804 8.0/4

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -912.096+/-0.000 χ^2/NDF:6149164061806973010337629222249431040.0/3

Left: -28.749+/-0.000 χ^2/NDF: 5352651741370632

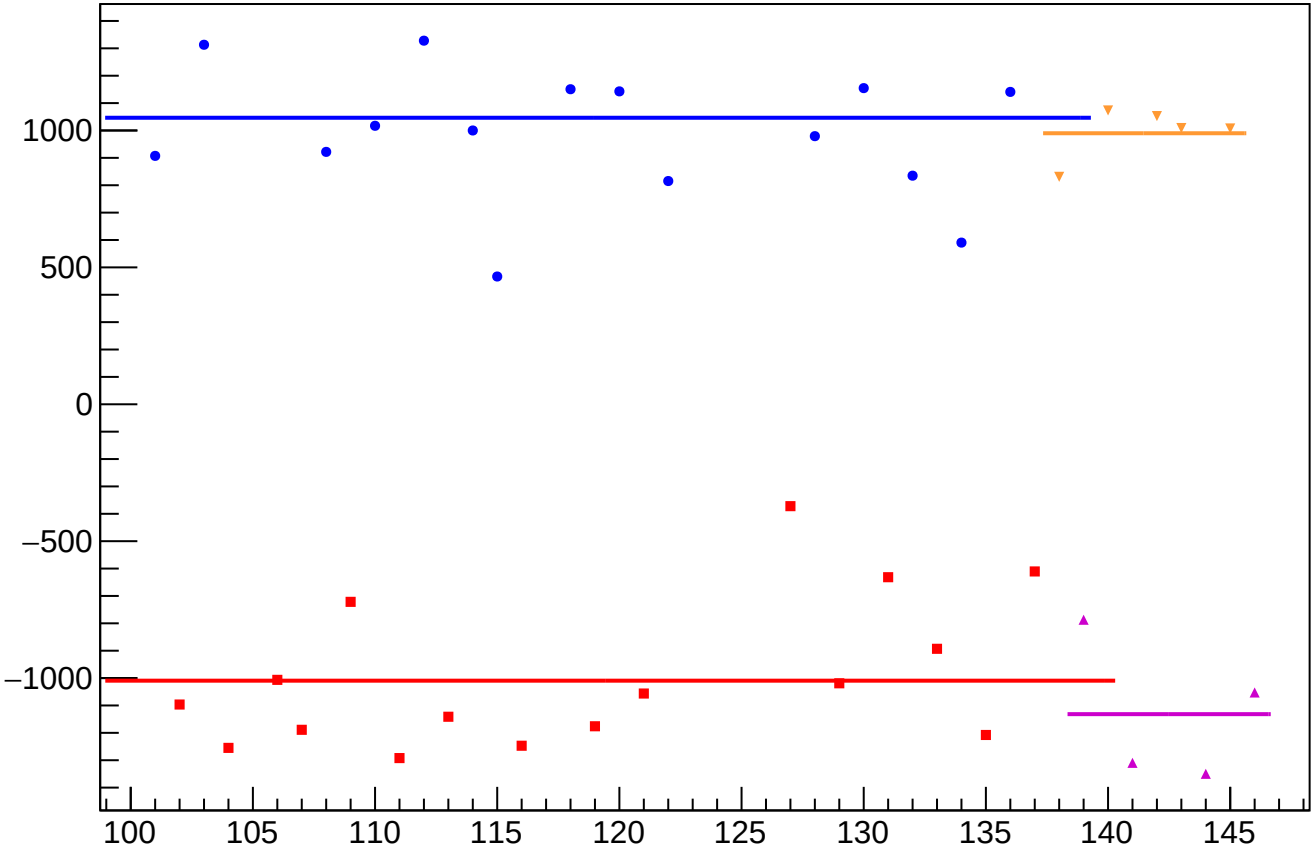
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: 43.163+/-0.000 χ^2/NDF:5397590156547801 66

Out: -29.509+/-0.000 χ^2/NDF:4385180208447352

All: 6.211+/-0.000 χ^2/NDF: 9809274372240 1

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

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: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548 9

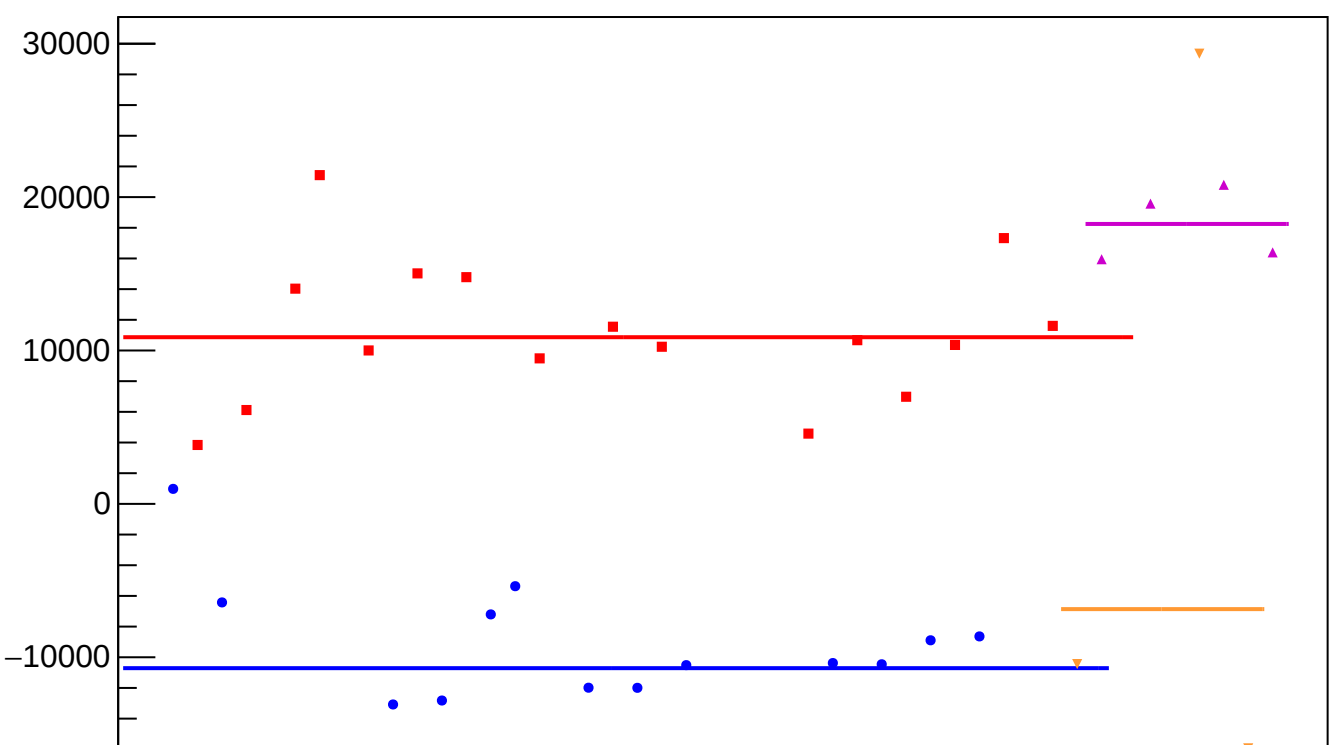
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

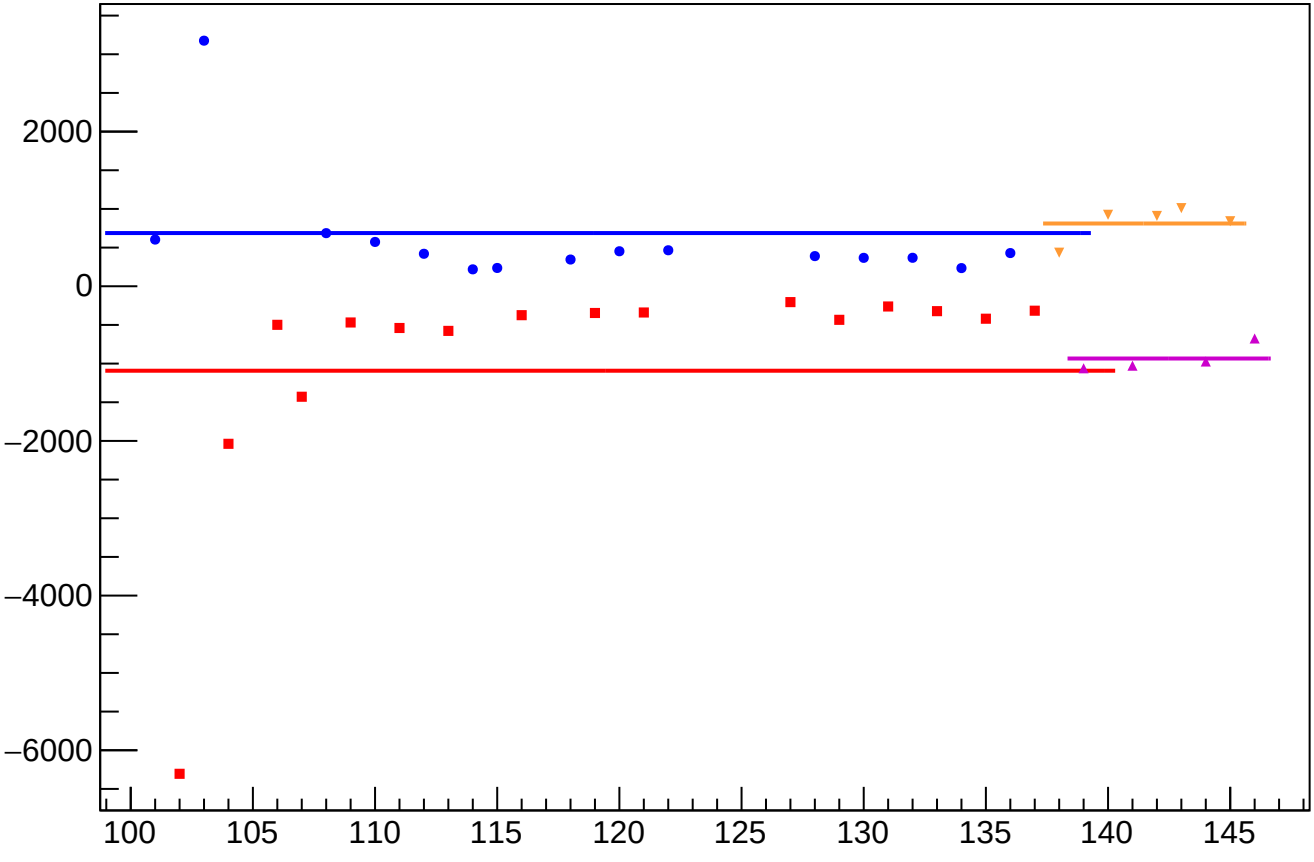
All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 5404.021+/-0.000 χ^2/NDF: 22159091043503
Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14
Right: 225.546+/-0.000 χ^2/NDF: 184316555733630
Left Out: -6861.113+/-0.000 χ^2/NDF:111120417912136100273240130124540509421568.0/4
In: -792.871+/-0.000 χ^2/NDF:2047865502210612
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15
Out: 4719.847+/-0.000 χ^2/NDF:198031396005626
Left In: 18249.752+/-0.000 χ^2/NDF:1442700136753677197930324011346722553856.0/3
All: 2010.160+/-0.000 χ^2/NDF: 4180693831

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -41.296+/-0.000 χ^2/NDF: 5500766808571142

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 811.464+/-0.000 χ^2/NDF:1530770874978605109037190744457084928 0.0/4

In: 132.358+/-0.000 χ^2/NDF:10020008439740144

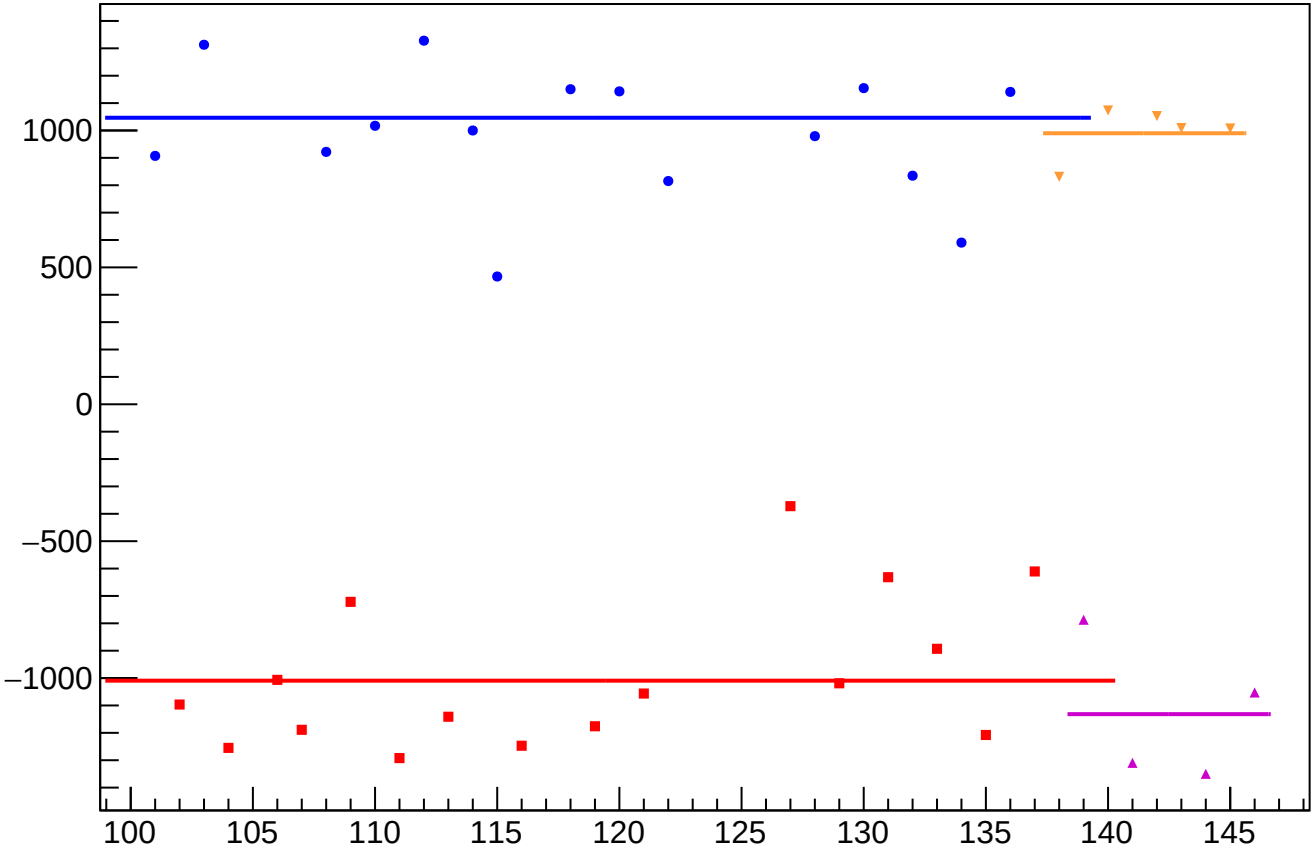
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -432.206+/-0.000 χ^2/NDF:273664042789342

Left In: -934.423+/-0.000 χ^2/NDF:7725497061219568449514555555581001728.0/3

All: -154.704+/-0.000 χ^2/NDF: 38985989742

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

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: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548 9

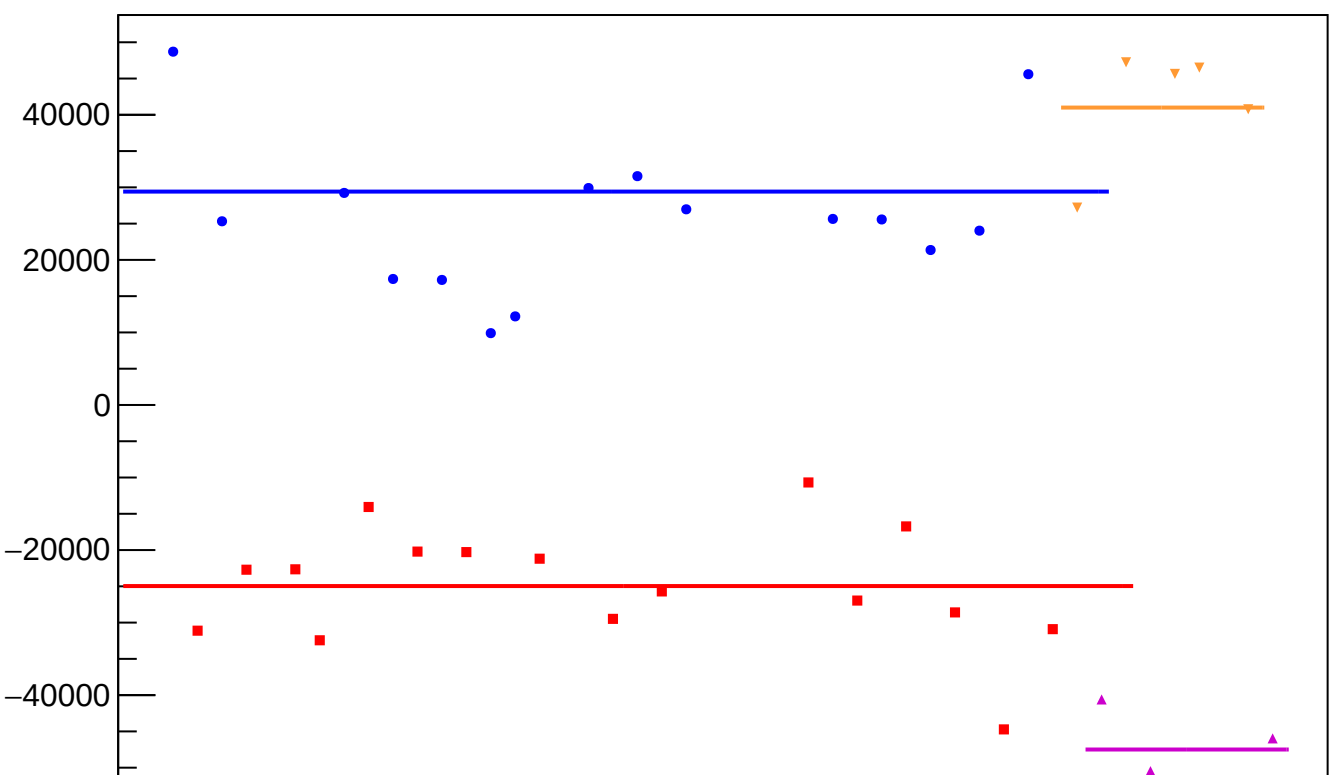
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -2225.847+/-0.000 χ^2/NDF: 13820069205796

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 40997.615+/-0.000 χ^2/NDF:2105177430813056121588219396862019161292 8.0/4

In: 3077.438+/-0.000 χ^2/NDF:1393370187613366

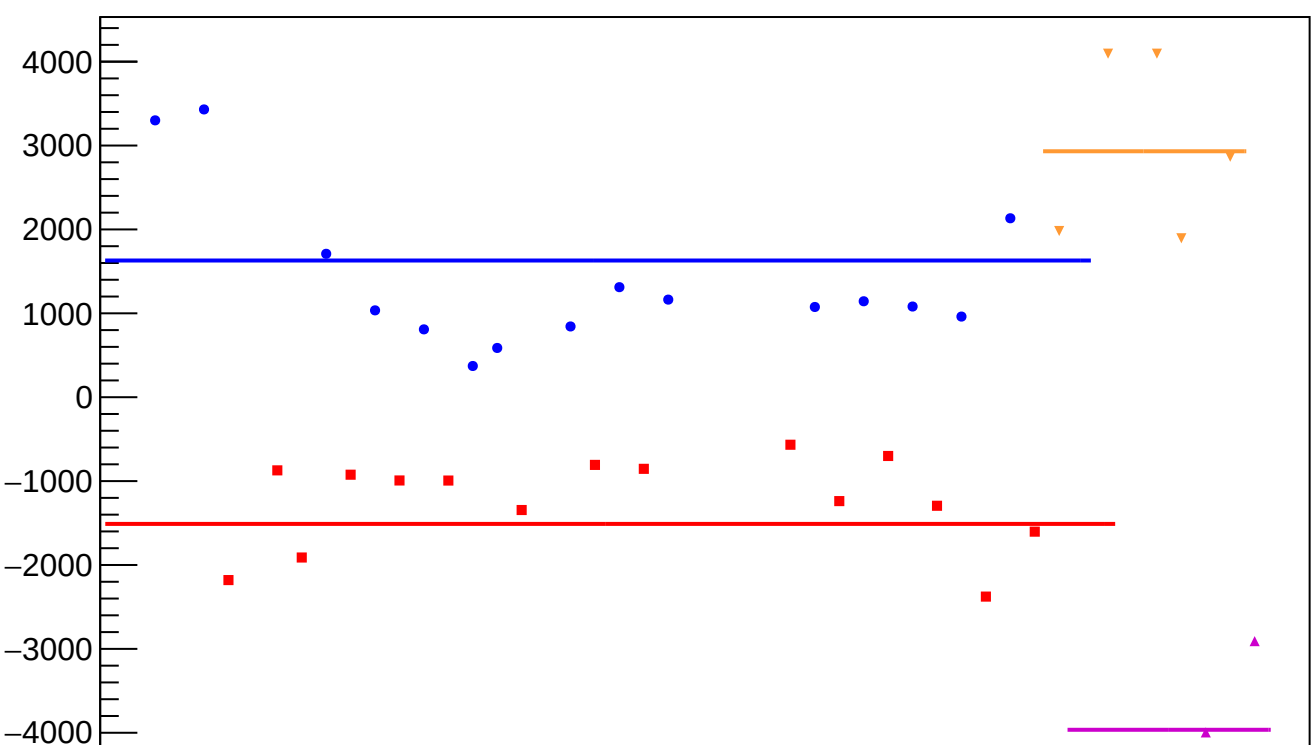
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

Out: -2093.215+/-0.000 χ^2/NDF:10728568508185

Left In: -47495.390+/-0.000 χ^2/NDF:6914330465485670618425851874407138459648.0/3

All: 448.336+/-0.000 χ^2/NDF: 24796444868 5

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Left: -436.617+/-0.000 χ^2/NDF: 868017330567067

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

Left Out: 2931.732+/-0.000 χ^2/NDF:3161139145118513511085673138006083502 08.0/4

In: -286.119+/-0.000 χ^2/NDF:7647627473752246

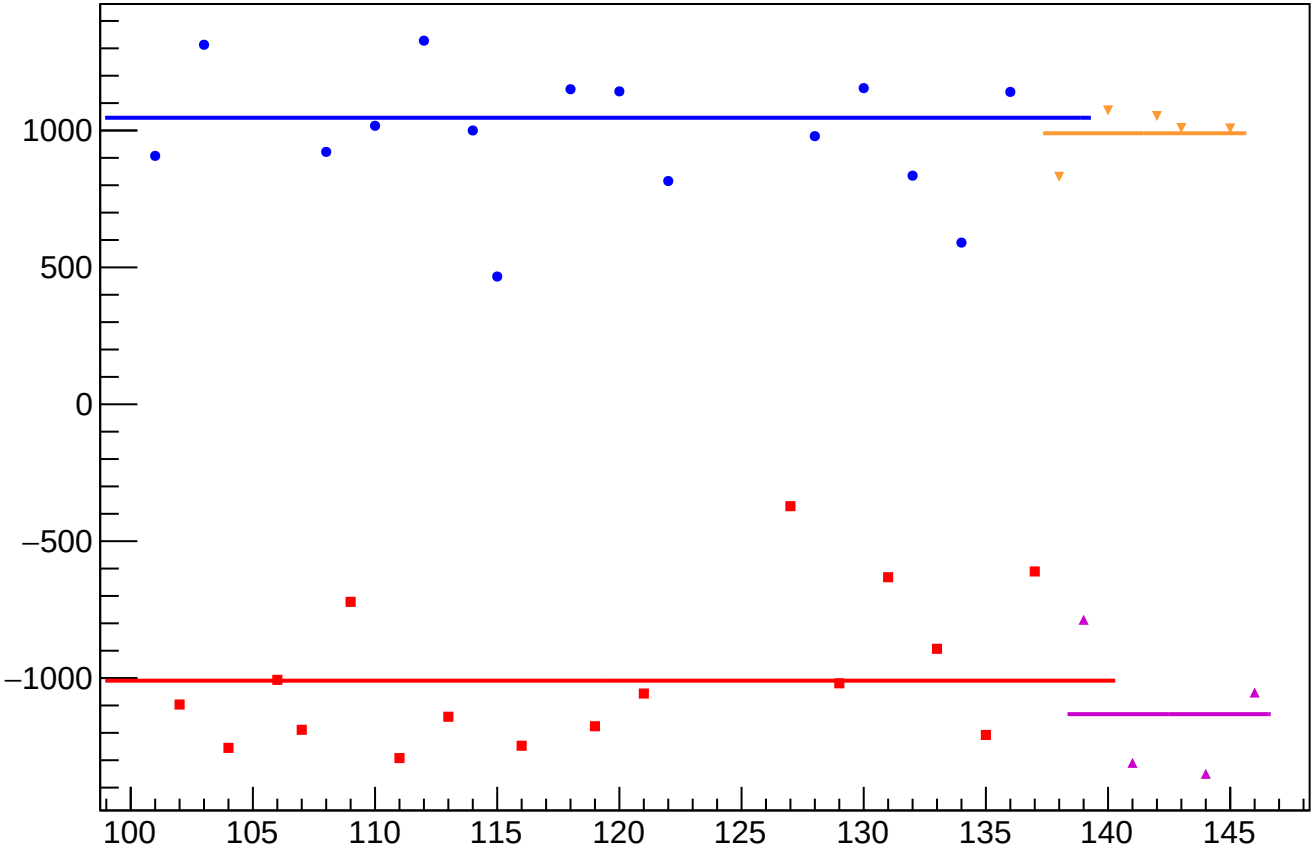
Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Out: 29.841+/-0.000 χ^2/NDF:5567502618542510 0

Left In: -3964.415+/-0.000 χ^2/NDF:1411245084551516573404370632079719792 64.0/3

All: -125.464+/-0.000 χ^2/NDF: 1326523073 0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

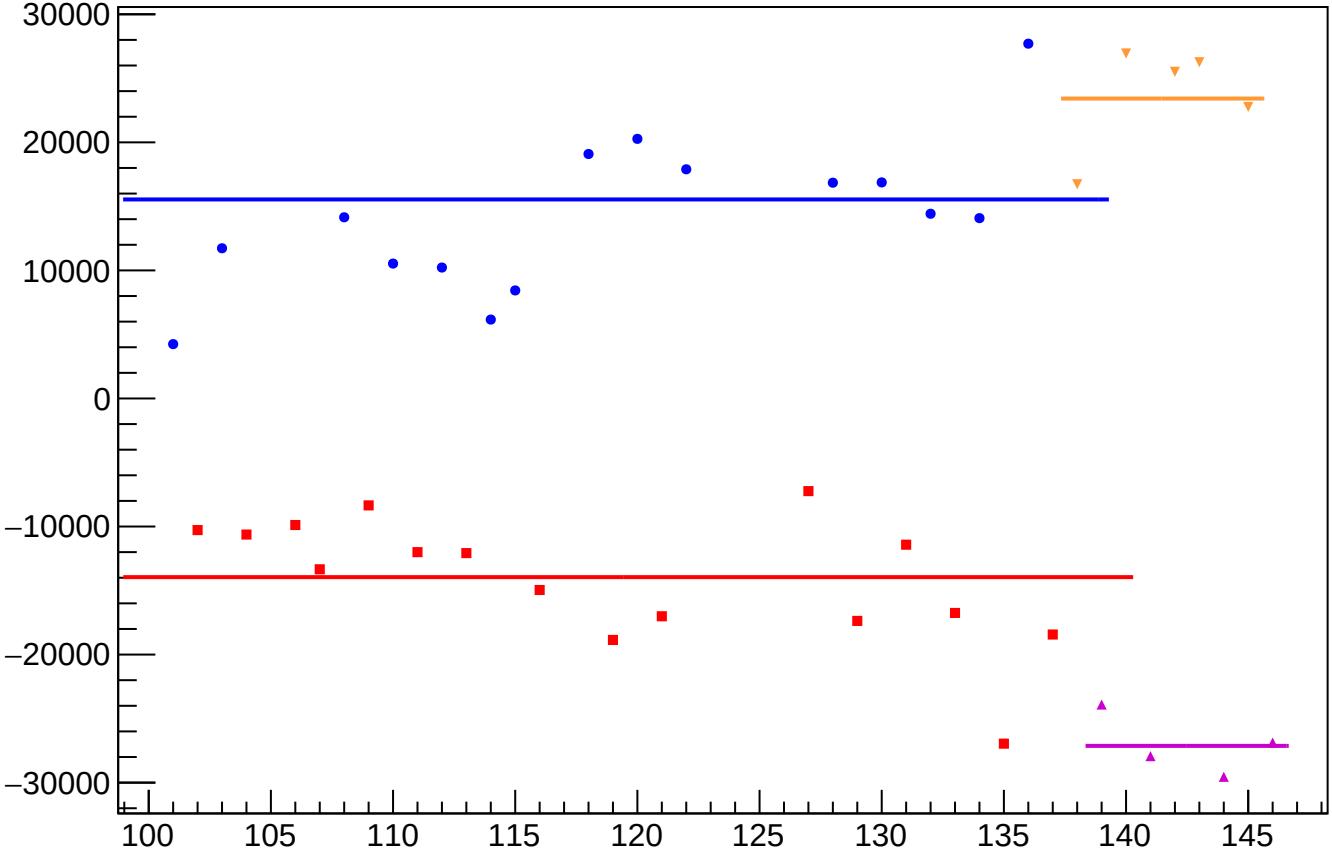
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

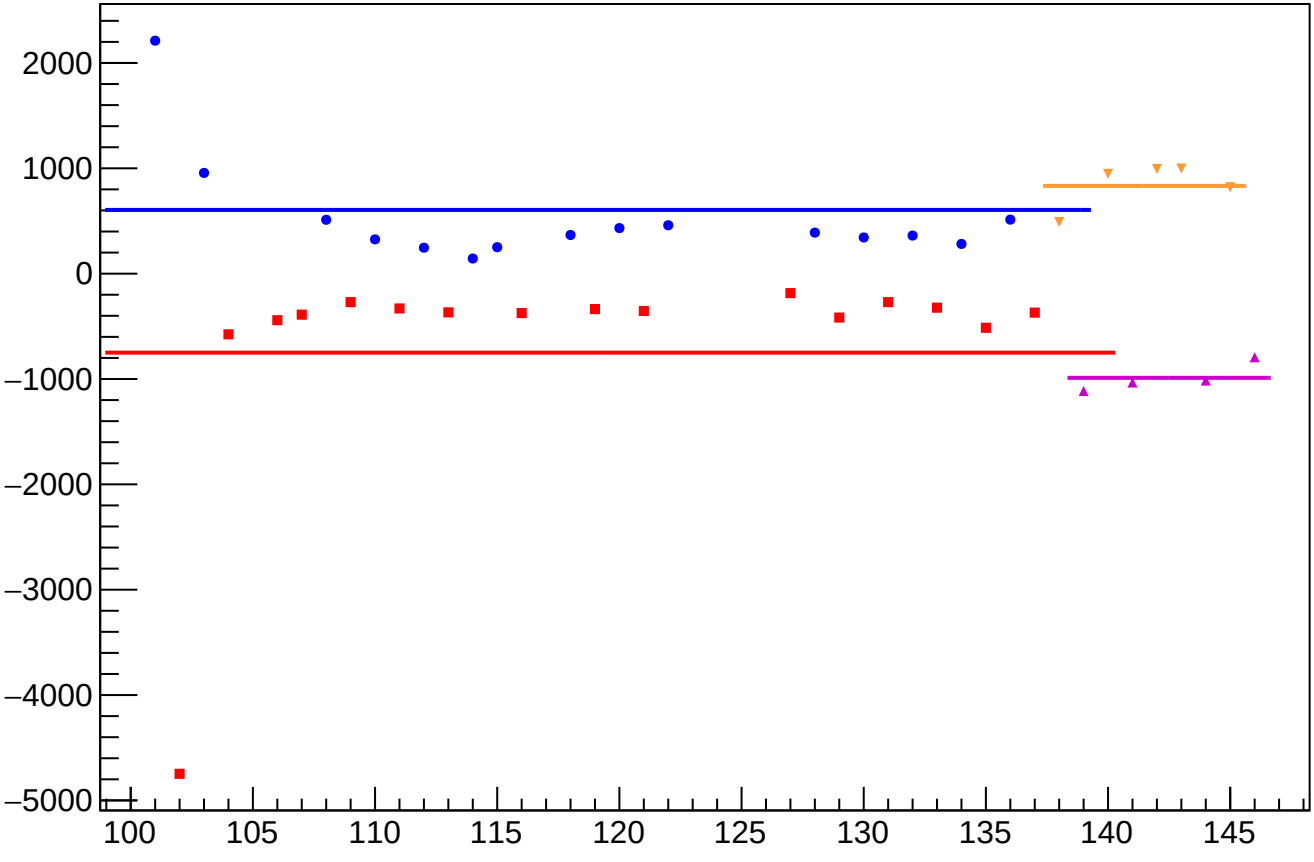
All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_atr1_coil1_mean vs Slug, Sign Corrected



Left: -1270.097+/-0.000 χ^2/NDF: 44853969679494
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 23420.558+/-0.000 χ^2/NDF:5283893478540811925236921730151126925312.0/4
In: 928.253+/-0.000 χ^2/NDF:4334722186165637
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: -994.096+/-0.000 χ^2/NDF:345239313727755
Left In: -27129.540+/-0.000 χ^2/NDF:1423085831249316263715504915237037932544.0/3
All: -49.196+/-0.000 χ^2/NDF: 780566105548

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Left: -56.758+/-0.000 χ^2/NDF: 5918940697958790

Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14

Right: -81.538+/-0.000 χ^2/NDF: 181435748538570

Left Out: 833.178+/-0.000 χ^2/NDF:13252712108073452327400504297303048192.0/4

In: 59.215+/-0.000 χ^2/NDF:75864672400630488

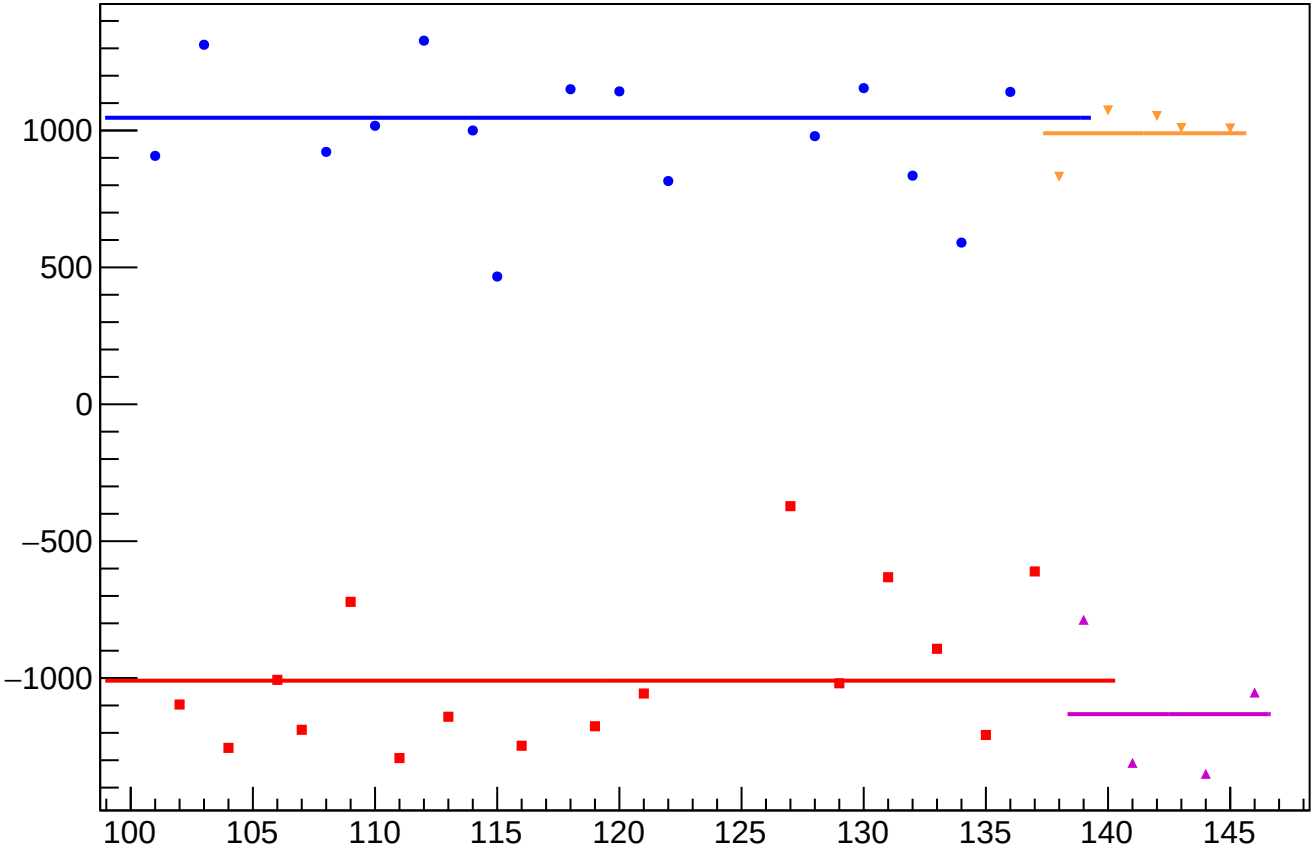
Right Out: -749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418892 8.0/15

Out: -200.810+/-0.000 χ^2/NDF:161395134678931

Left In: -988.821+/-0.000 χ^2/NDF:4644014206215221298494971829085536256.0/3

All: -72.998+/-0.000 χ^2/NDF: 240653004326

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

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: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548 9

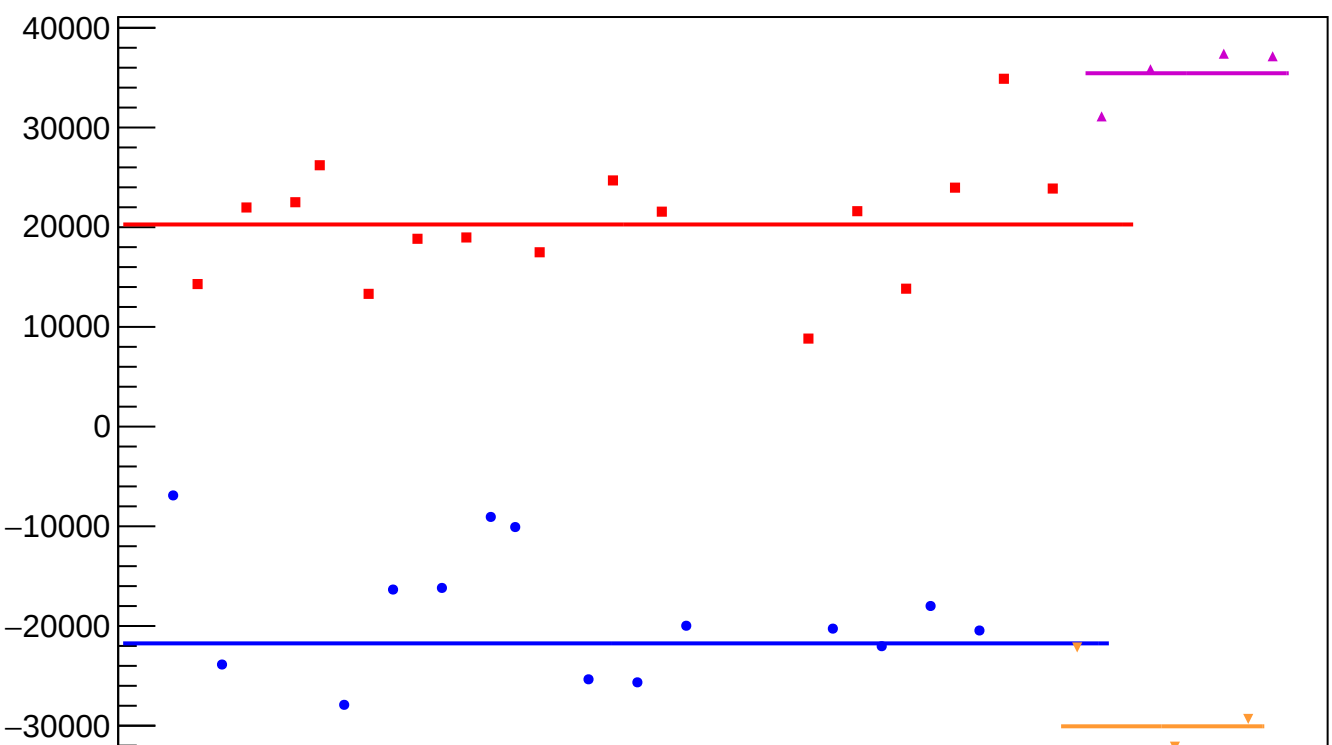
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_atr2_coil1_mean vs Slug, Sign Corrected



Left: 1933.196+/-0.000 χ^2/NDF: 751513385407120

Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

Right: -446.610+/-0.000 χ^2/NDF: 64780902874572

Left Out: -30062.531+/-0.000 χ^2/NDF:7446354978939666709366561749754001227776.0/4

In: -2159.608+/-0.000 χ^2/NDF:770057379083588

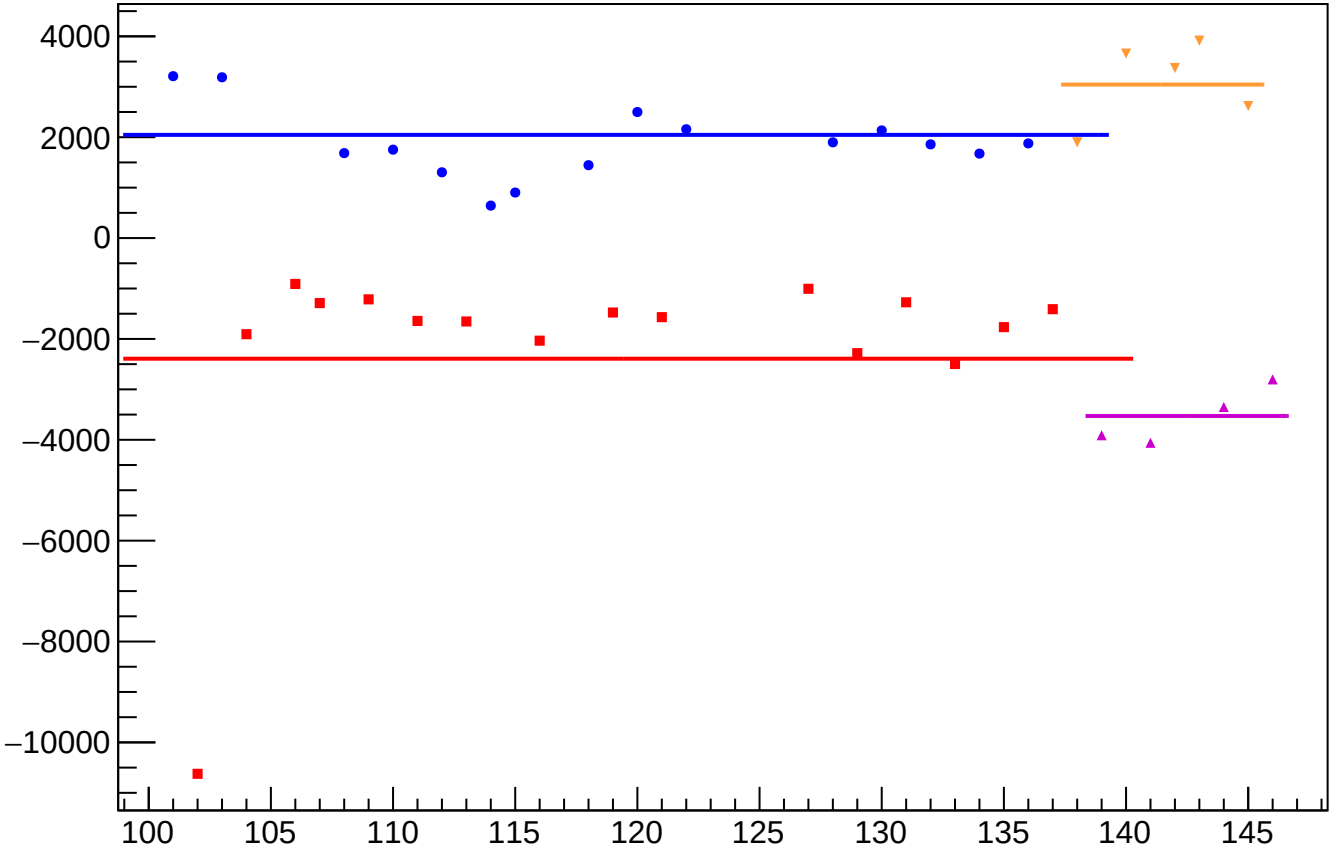
Right Out: 20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

Out: 2822.298+/-0.000 χ^2/NDF:619377786564407

Left In: 35443.513+/-0.000 χ^2/NDF:2113669680611722220932695447622121422848.0/3

All: 373.522+/-0.000 χ^2/NDF: 140189092441

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -165.901+/-0.000 χ^2/NDF: 775242707406569

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Right: -203.146+/-0.000 χ^2/NDF: 11161426338405

Left Out: 3043.761+/-0.000 χ^2/NDF:2036230926040670511351966539676490137 60.0/4

In: 137.577+/-0.000 χ^2/NDF:7253827360003609 1

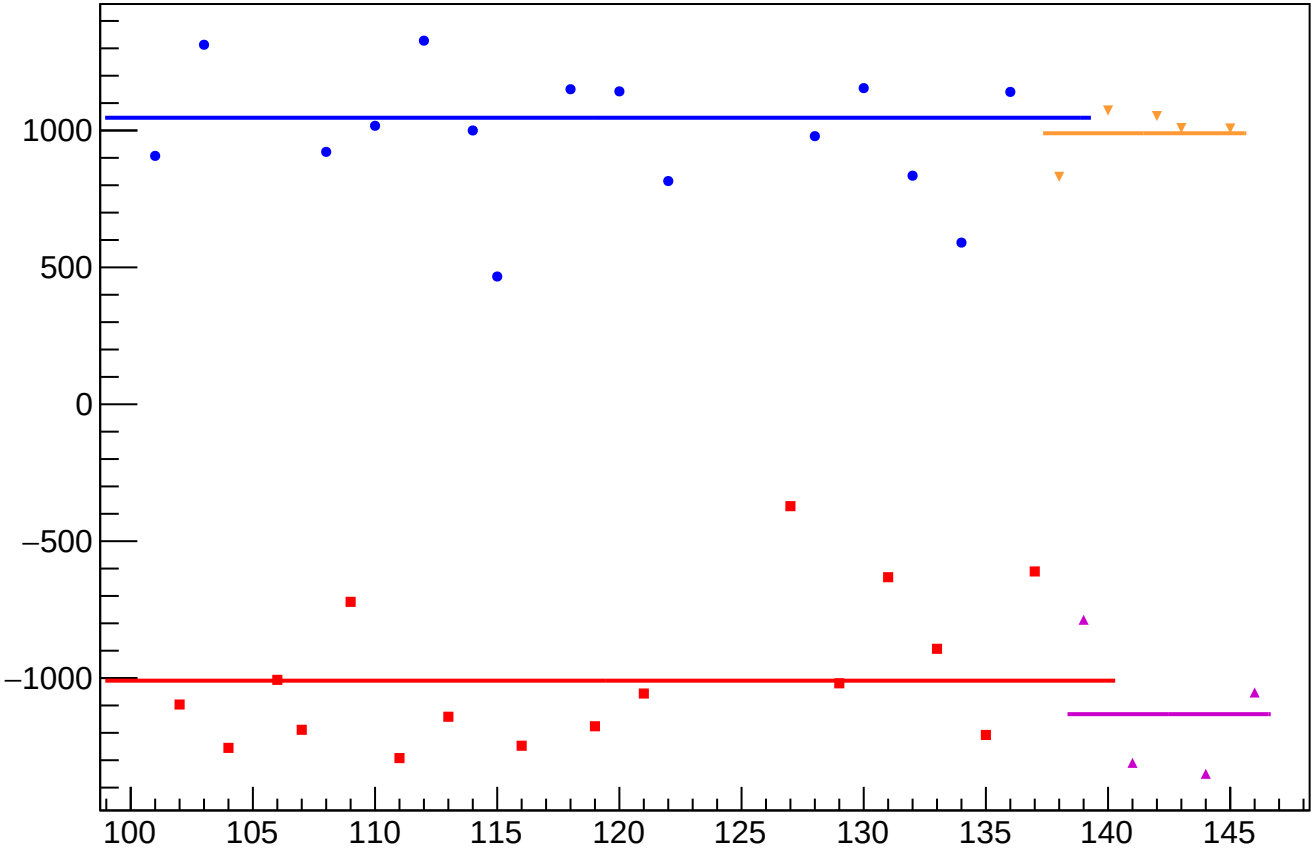
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15

Out: -507.279+/-0.000 χ^2/NDF:114519635329134

Left In: -3527.500+/-0.000 χ^2/NDF:8240273998525615708026354138265262 4896.0/3

All: -190.310+/-0.000 χ^2/NDF: 18914482510

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

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: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548 9

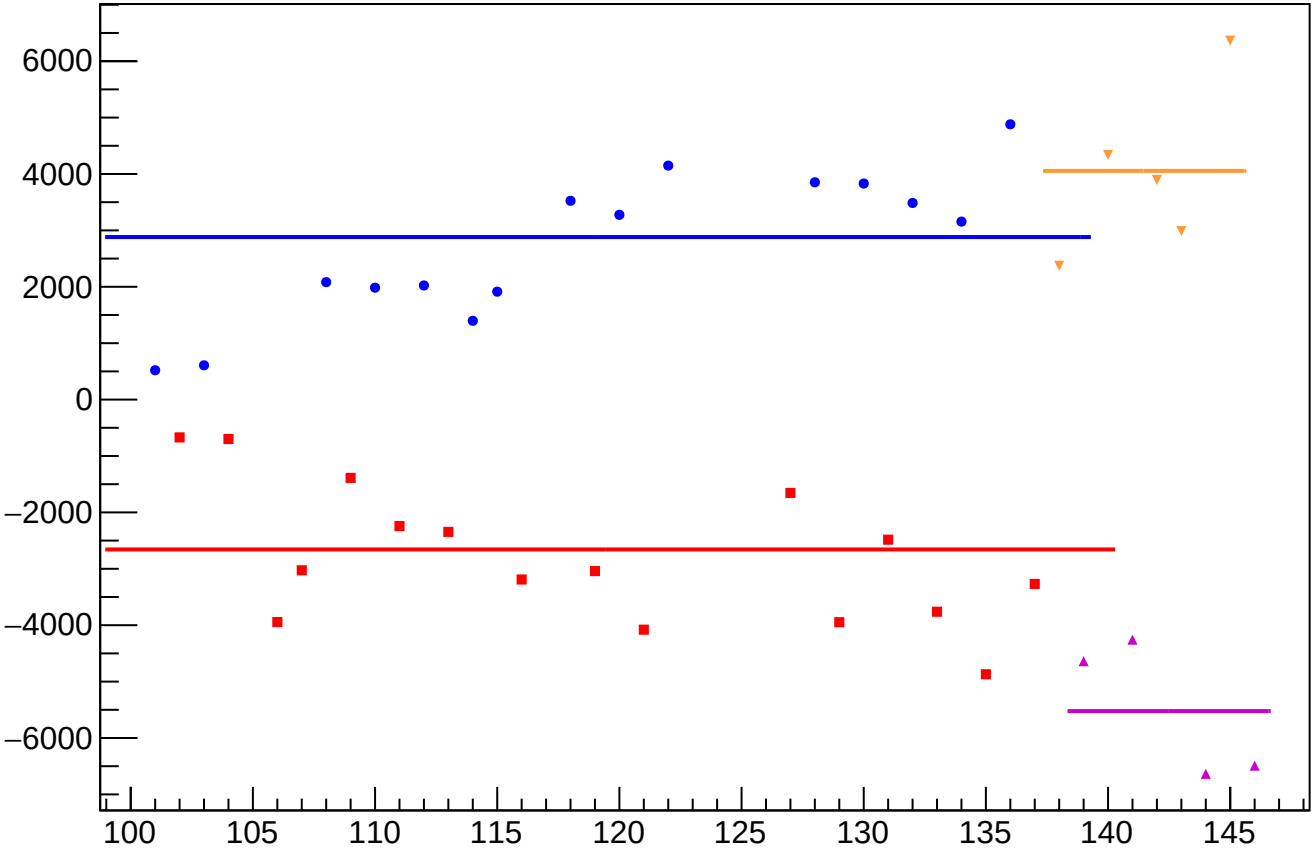
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

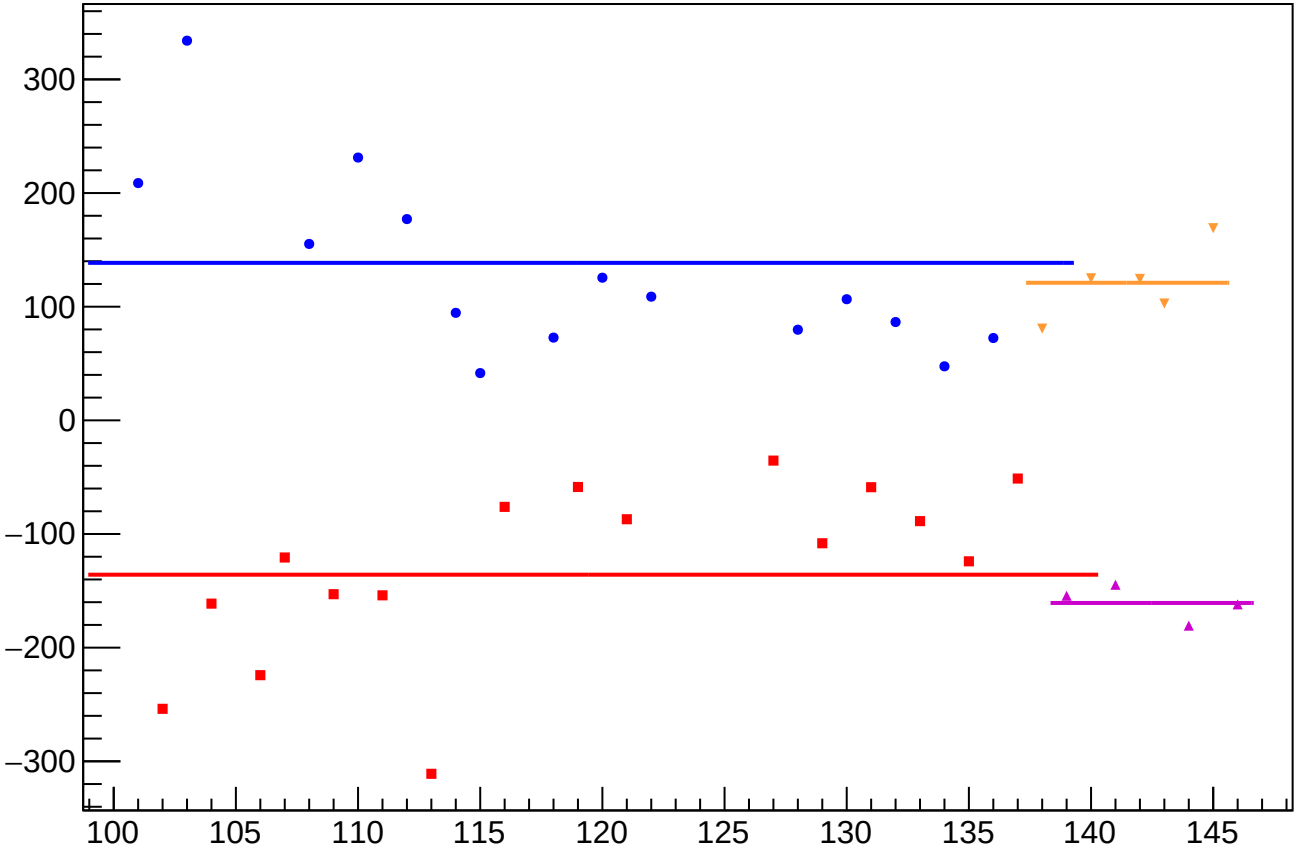
All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_sam1_coil1_mean vs Slug, Sign Corrected



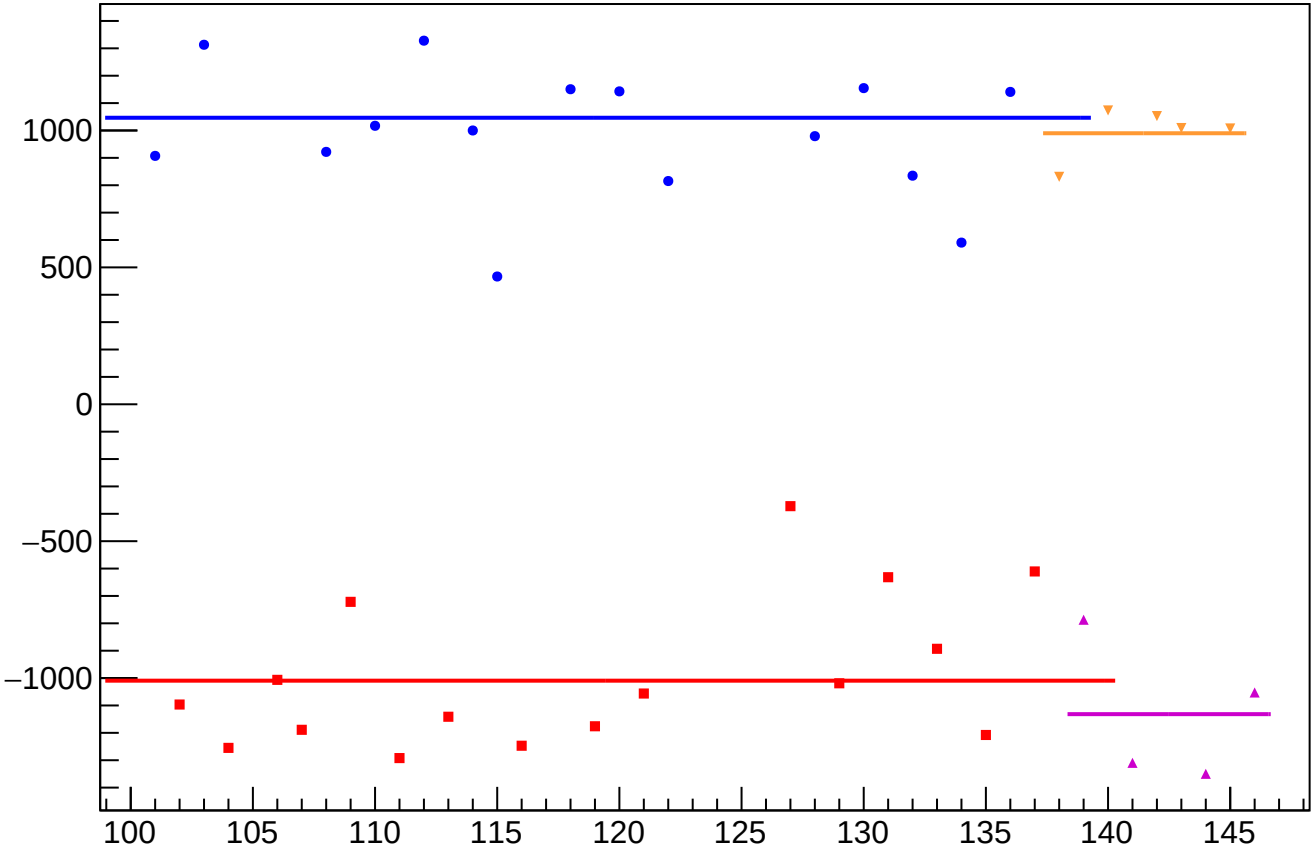
Left: -623.067+/-0.000 χ^2/NDF: 169847631751658
Right In: 2881.935+/-0.000 χ^2/NDF: 13203193914965255336920823658788834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 4054.918+/-0.000 χ^2/NDF:736992430756024888094412788897023000576.0/4
In: 3.822+/-0.000 χ^2/NDF:174064267060777052C
Right Out: -2656.918+/-0.000 χ^2/NDF: 10776968462160535611307168771255094476 80.0/15
Out: -329.798+/-0.000 χ^2/NDF:122327291146837
Left In: -5522.495+/-0.000 χ^2/NDF:3875128416015136386275726915734664642 56.0/3
All: -165.812+/-0.000 χ^2/NDF: 29695013657

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -16.559+/-0.000 χ^2/NDF: 1412170767934646
Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14
Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767
Left Out: 121.044+/-0.000 χ^2/NDF:3379021211678396655273351241384591 36.0/4
In: 36.097+/-0.000 χ^2/NDF:24206329571447494
Right Out: -135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736437 76.0/15
Out: -46.753+/-0.000 χ^2/NDF:1955141319573082
Left In: -160.677+/-0.000 χ^2/NDF:6068771947860588966181888348232089 6.0/3
All: -6.029+/-0.000 χ^2/NDF: 4720254064692

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

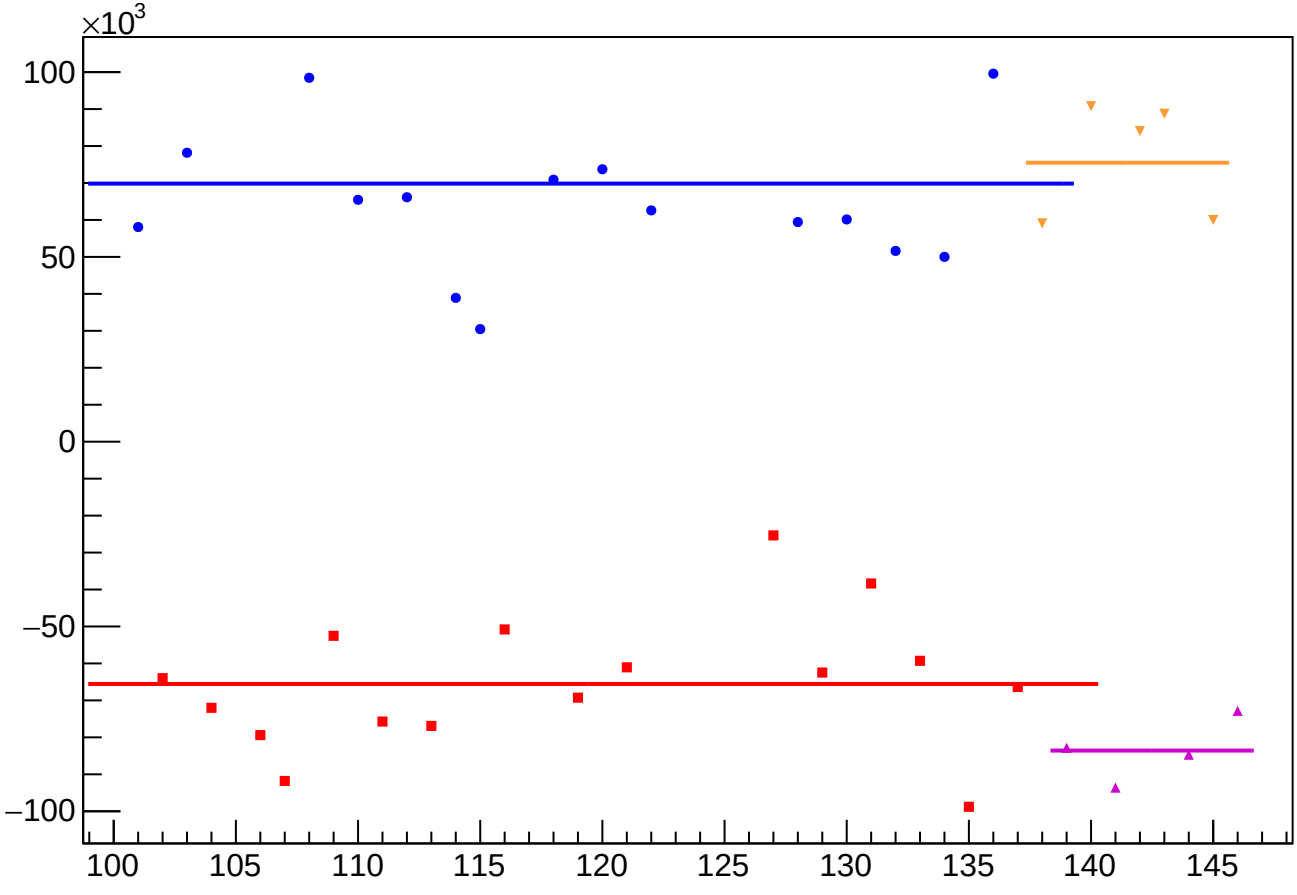
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2206.289+/-0.000 χ^2/NDF: 44673541265489

Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 75482.719+/-0.000 χ^2/NDF:747384359018012290763181610898772312719 36.0/4

In: 17295.447+/-0.000 χ^2/NDF:543605171303117

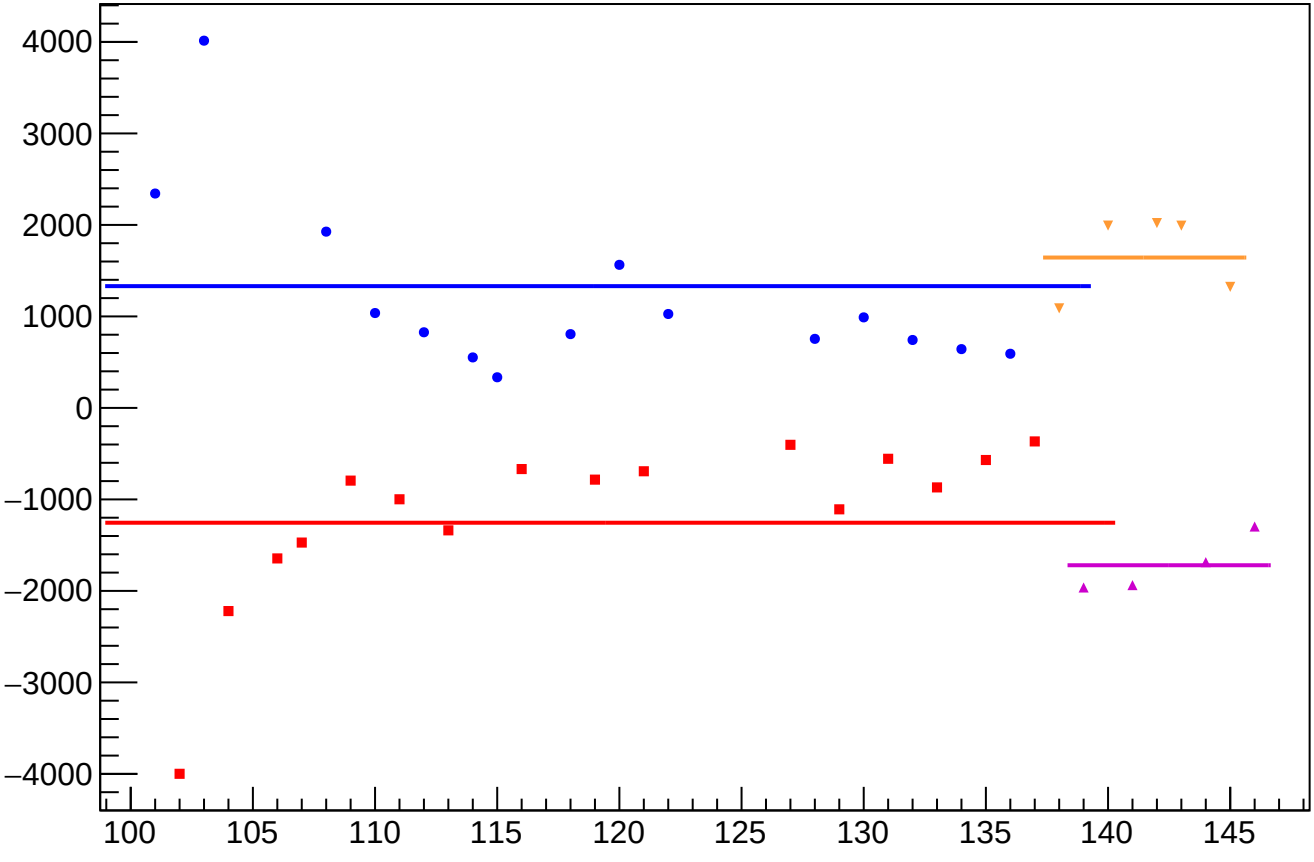
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: -16654.653+/-0.000 χ^2/NDF:4886919741909

Left In: -83572.882+/-0.000 χ^2/NDF:182830920121039540698109654645862469468 16.0/3

All: 32.971+/-0.000 χ^2/NDF: 1090141543549

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Left: 0.897+/-0.000 χ^2/NDF: 20365186644690549

Right In: 1330.956+/-0.000 χ^2/NDF: 649481263842681659449409147059572834304.0/14

Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615

Left Out: 1643.597+/-0.000 χ^2/NDF:5703171907133554098045026468245589196 8.0/4

In: 286.300+/-0.000 χ^2/NDF:2741434736646691 6

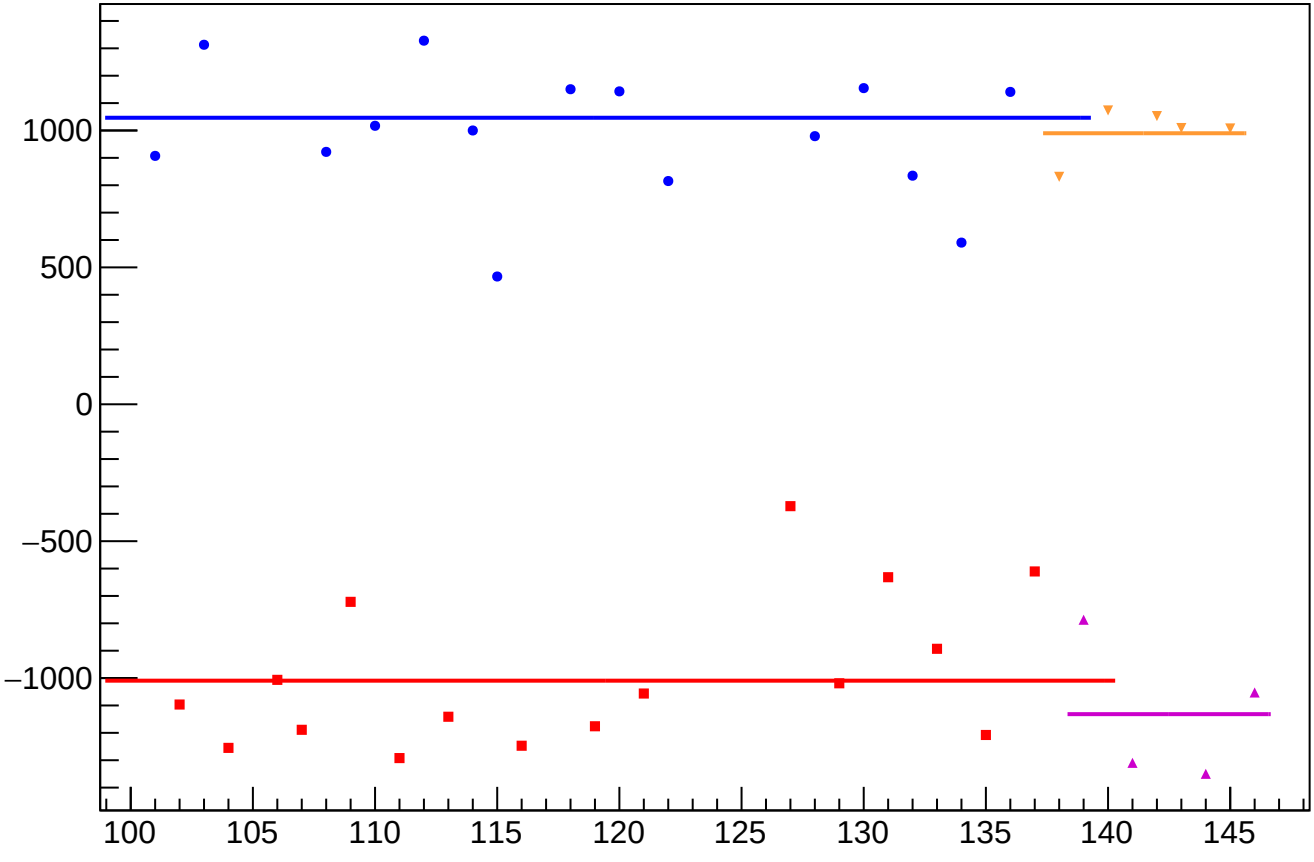
Right Out: -1254.871+/-0.000 χ^2/NDF: 632140068983304062809817716800861765632.0/15

Out: -249.918+/-0.000 χ^2/NDF:263202668123050

Left In: -1719.564+/-0.000 χ^2/NDF:237563122366458759994468253564340797 44.0/3

All: 13.651+/-0.000 χ^2/NDF: 5517759681672

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

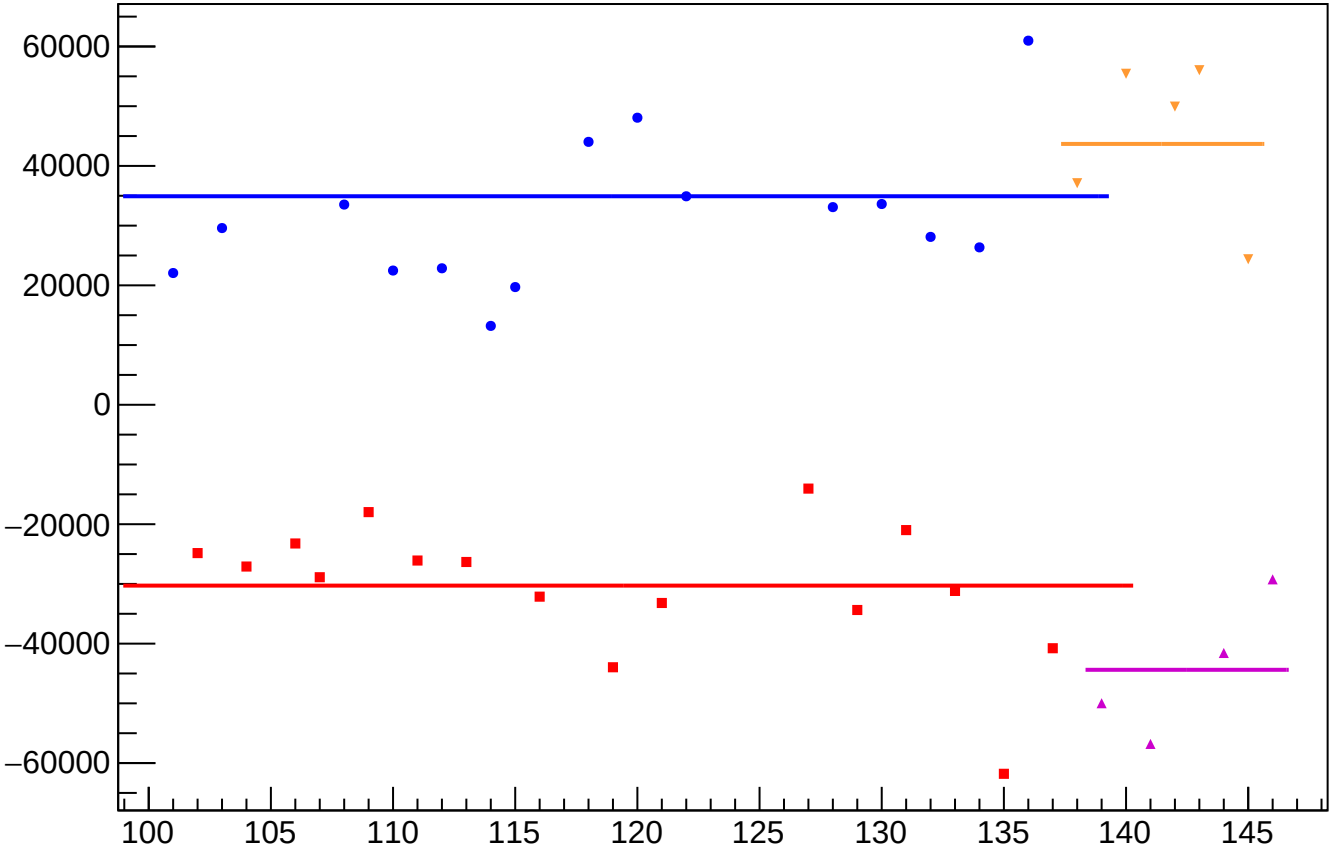
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: 668.571+/-0.000 χ^2/NDF: 1433264163560371

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 43682.739+/-0.000 χ^2/NDF:5692186979337074537095062373275134433689 6.0/4

In: 7762.773+/-0.000 χ^2/NDF:1539447273183343

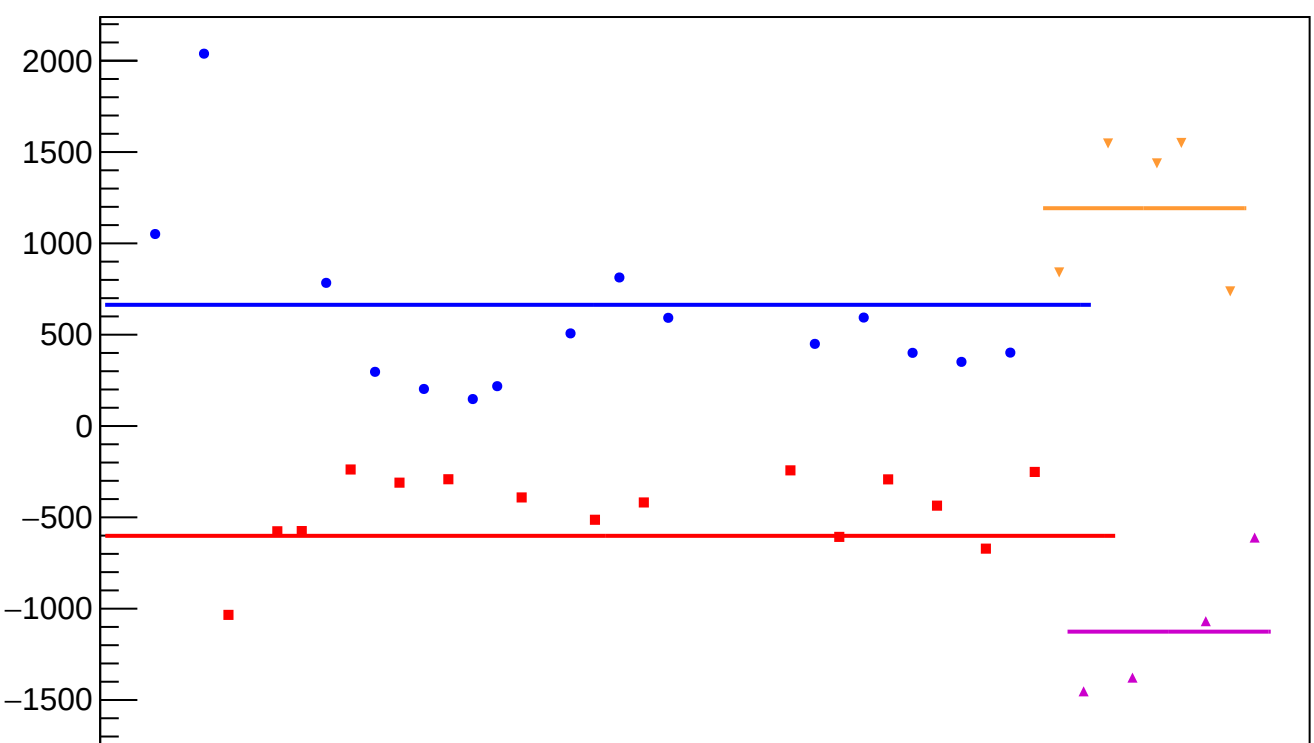
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: -4637.271+/-0.000 χ^2/NDF:14104622546203

Left In: -44381.771+/-0.000 χ^2/NDF:3538262551284416816310245571392304473702 4.0/3

All: 1457.771+/-0.000 χ^2/NDF: 30270754585

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Left: 60.141+/-0.000 χ^2/NDF: 1013697857378538

Right In: 663.574+/-0.000 χ^2/NDF: 157691812872720822886914966597312446464.0/14

Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641

Left Out: 1192.486+/-0.000 χ^2/NDF:4806985906526408888406186883967824691 2.0/4

In: 50.798+/-0.000 χ^2/NDF:905654233438174165

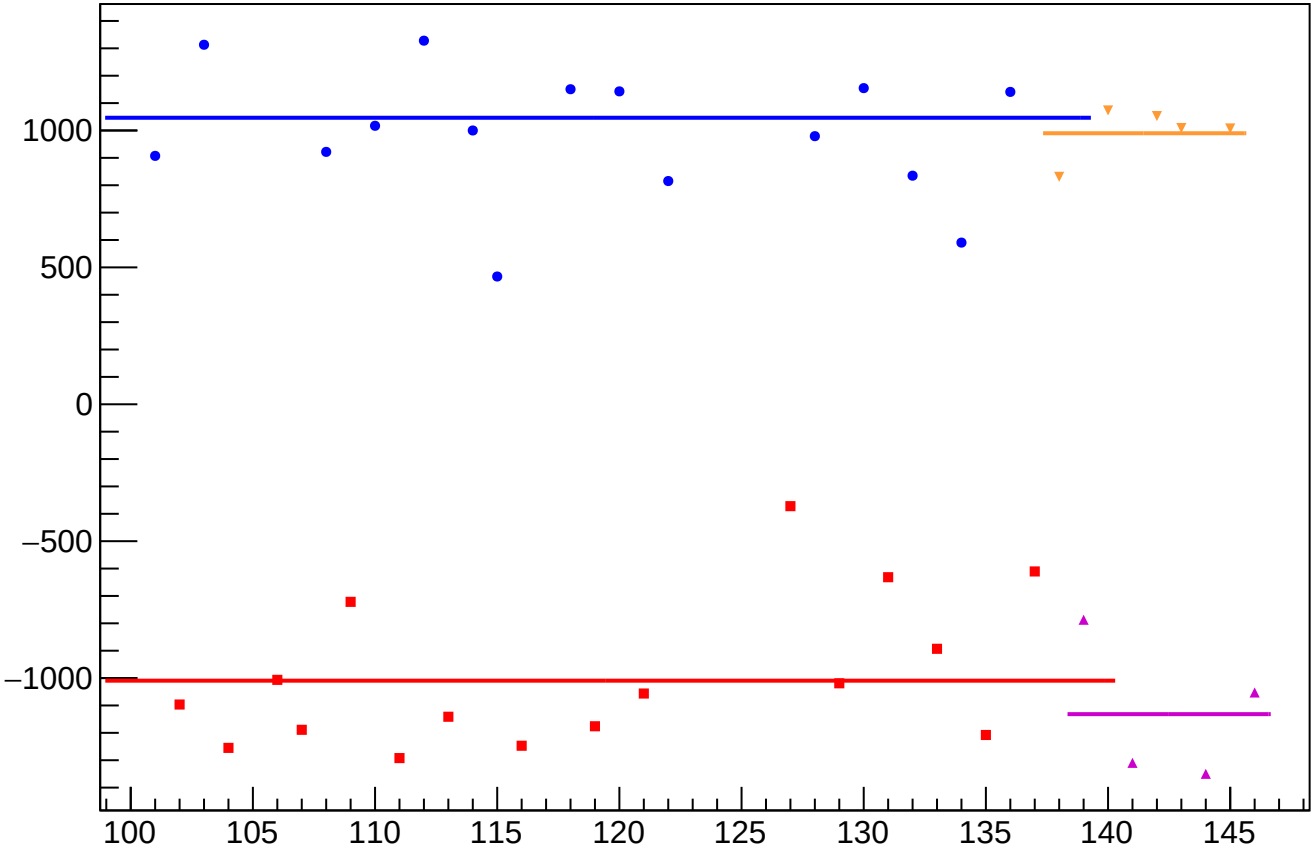
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15

Out: 20.694+/-0.000 χ^2/NDF:941840572263327 65

Left In: -1125.805+/-0.000 χ^2/NDF:3634168227715944309614335114112034 4064.0/3

All: 35.491+/-0.000 χ^2/NDF: 184794959374 6

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

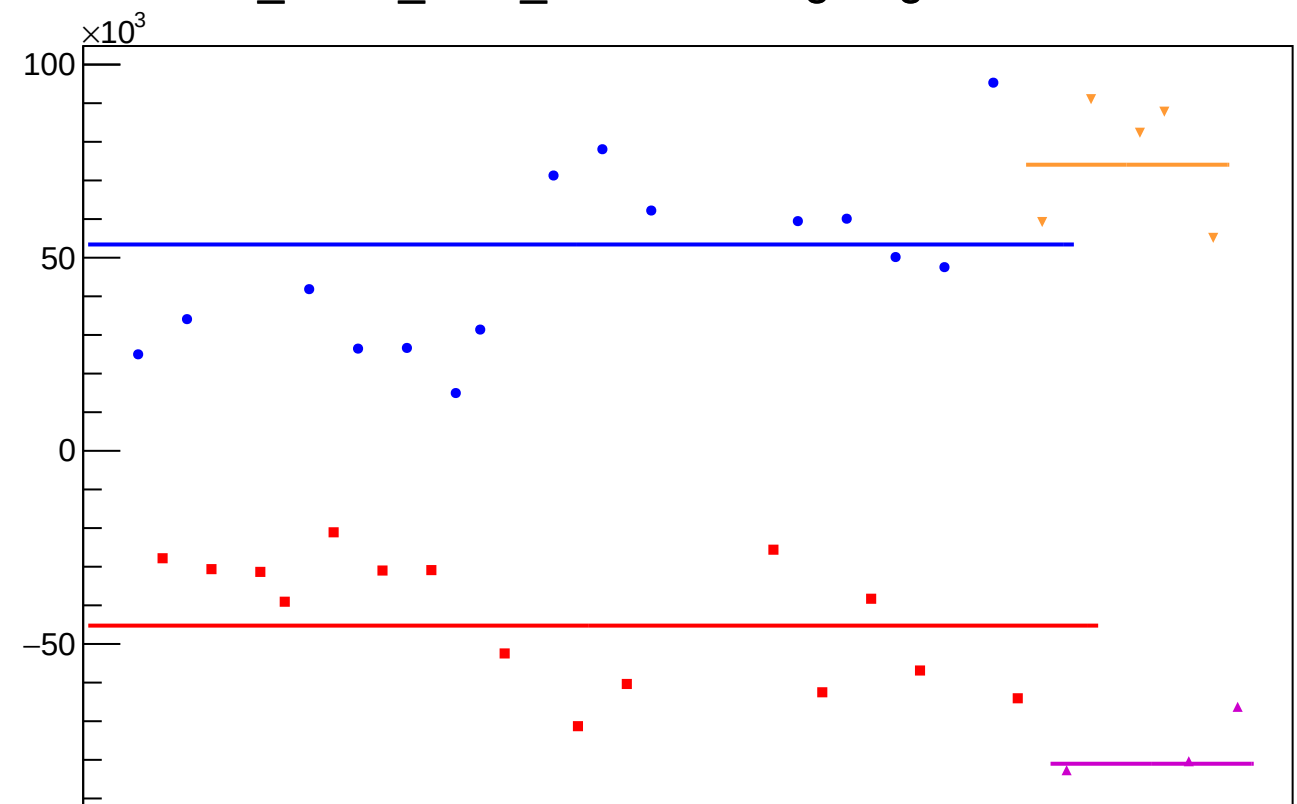
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -1673.927+/-0.000 χ^2/NDF: 42779675781760

Right In: 53422.452+/-0.000 χ^2/NDF: 360635757315133800133751123167777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 74075.391+/-0.000 χ^2/NDF:856110595666791024649424285777163557273 60.0/4

In: 7386.145+/-0.000 χ^2/NDF:4410848437744283

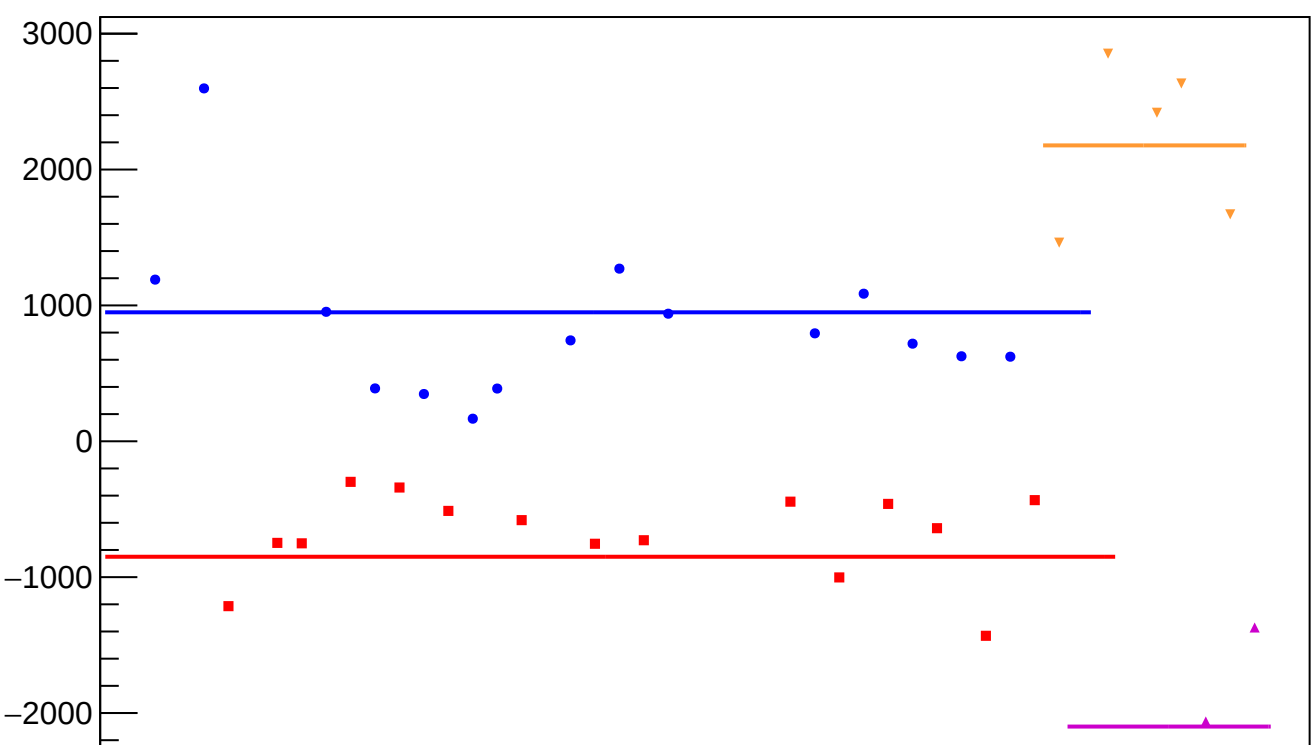
Right Out: -45247.617+/-0.000 χ^2/NDF: 286060196488034430215784613374055547928576.0/15

Out: -3876.075+/-0.000 χ^2/NDF:36643680316414

Left In: -81009.011+/-0.000 χ^2/NDF:337281937478941146096274004538849513963 52.0/3

All: 1659.688+/-0.000 χ^2/NDF: 8138870688 3

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 88.457+/-0.000 χ^2/NDF: 3347736710857908

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 2177.721+/-0.000 χ^2/NDF:1147640066180770583463311216561723801 60.0/4

In: -94.906+/-0.000 χ^2/NDF:2361086361182443 1

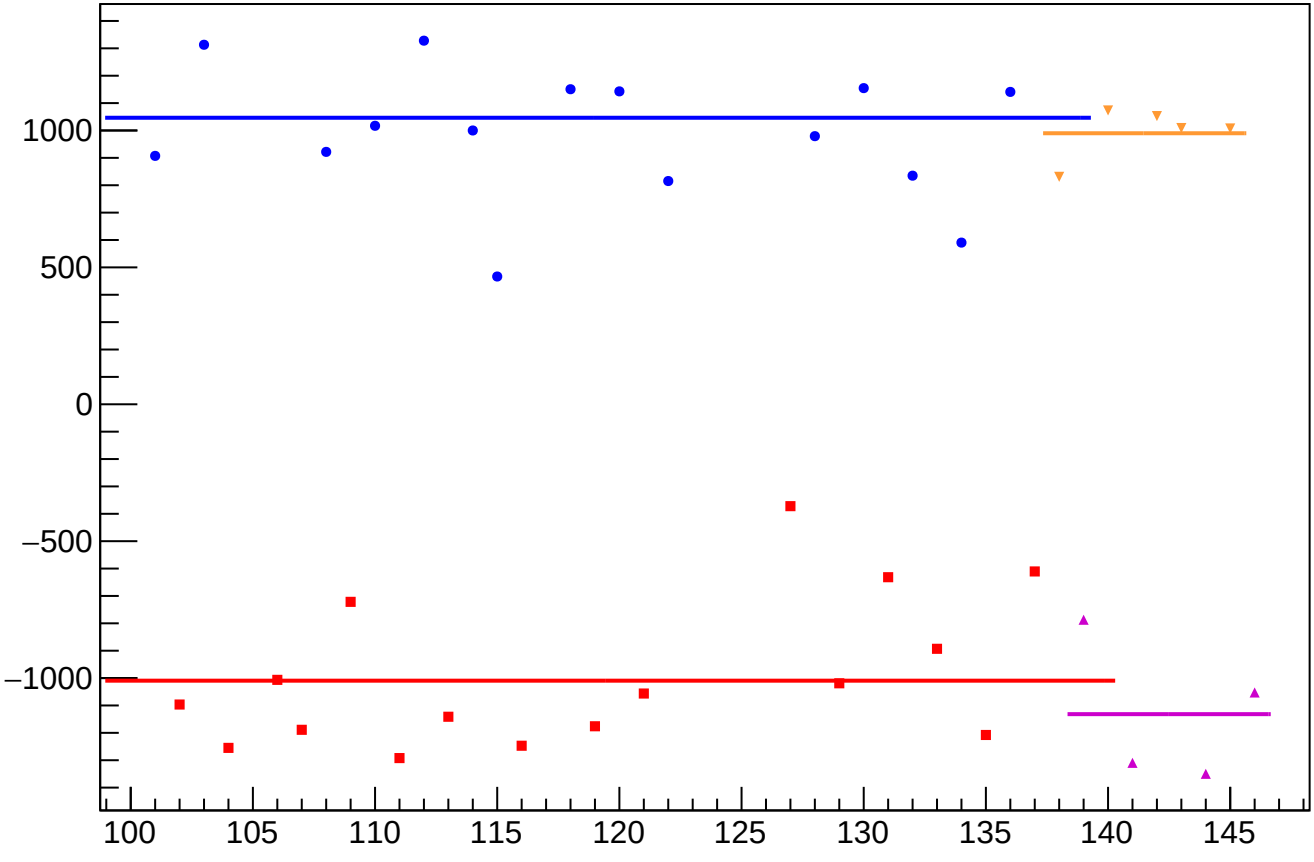
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 199.882+/-0.000 χ^2/NDF:2439140143771300

Left In: -2099.708+/-0.000 χ^2/NDF:6938709268882061420246950159157559296 0.0/3

All: 54.983+/-0.000 χ^2/NDF: 484383771712 9

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

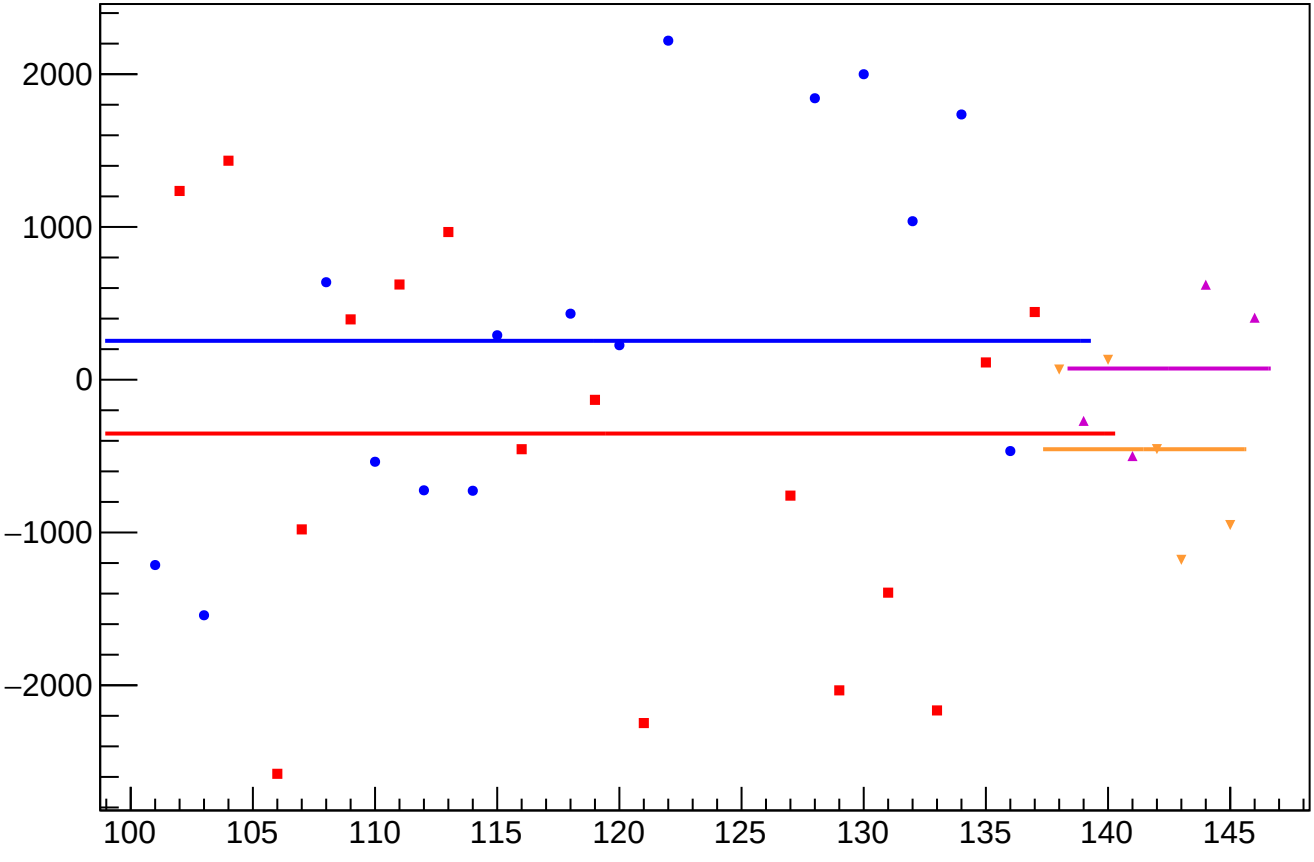
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -196.953+/-0.000 χ^2/NDF: 226024529977583

Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -454.998+/-0.000 χ^2/NDF:1043751793287544888220041903330662809 60.0/4

In: 192.501+/-0.000 χ^2/NDF:1059095349395863

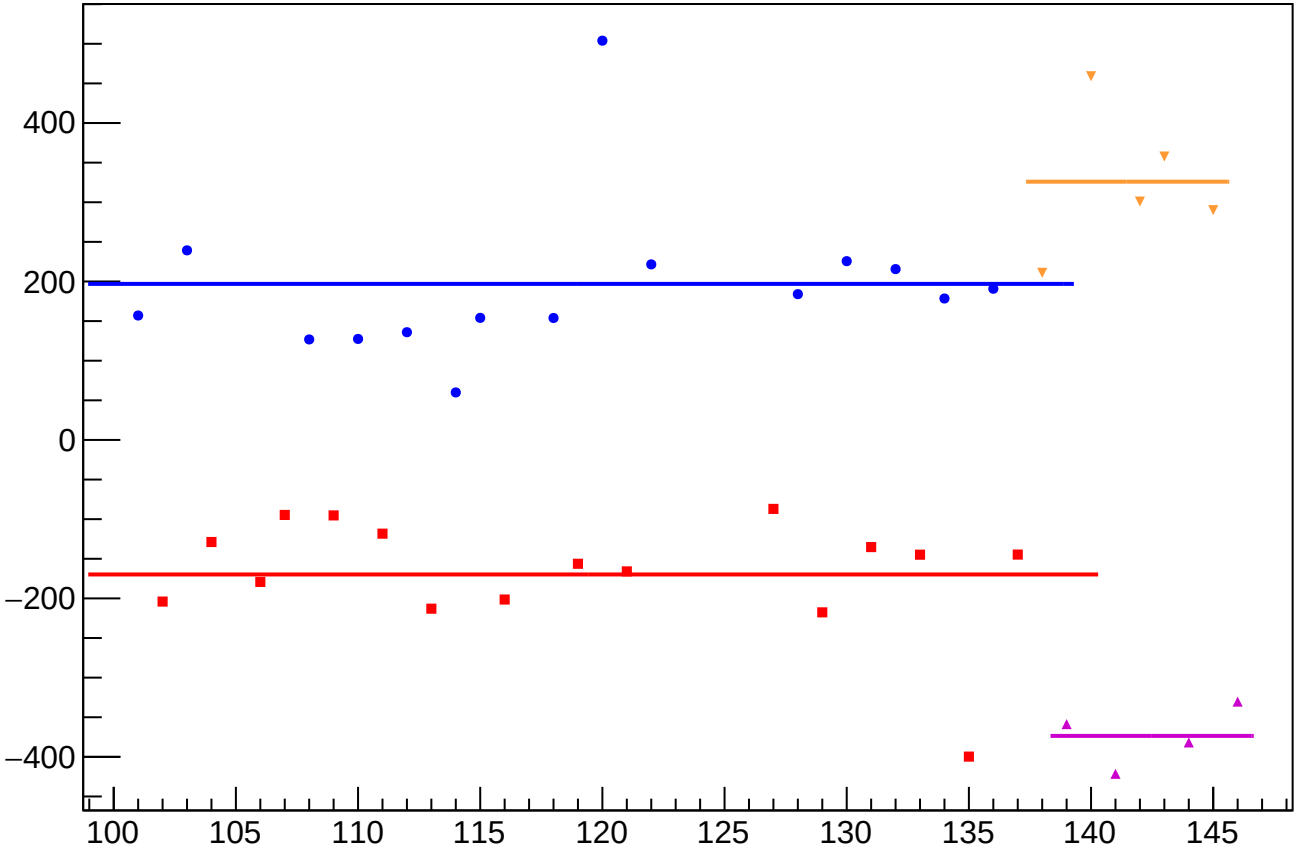
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -387.912+/-0.000 χ^2/NDF:120762752216636

Left In: 73.306+/-0.000 χ^2/NDF:7339011356359134072327416552402347622 4.0/3

All: -102.619+/-0.000 χ^2/NDF: 2435788027 8

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -15.706+/-0.000 χ^2/NDF: 8766187031855007

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 325.956+/-0.000 χ^2/NDF:2684777031473120833130403630201962496.0/4

In: 1.588+/-0.000 χ^2/NDF:771945143186563684

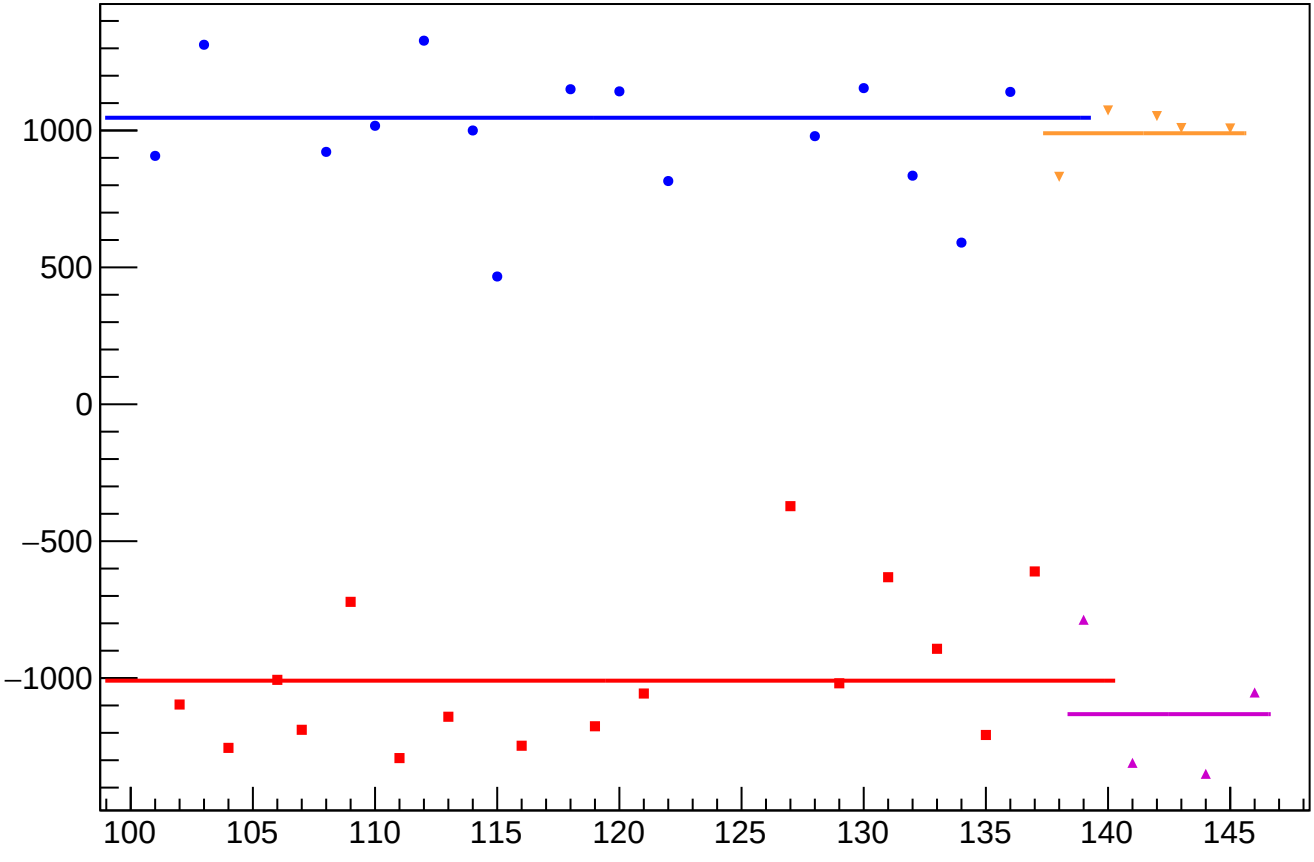
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 2.102+/-0.000 χ^2/NDF:63410544202531461

Left In: -373.541+/-0.000 χ^2/NDF:3740307556828134537816031914874634 24.0/3

All: 1.849+/-0.000 χ^2/NDF: 1406051914180

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

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: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548 9

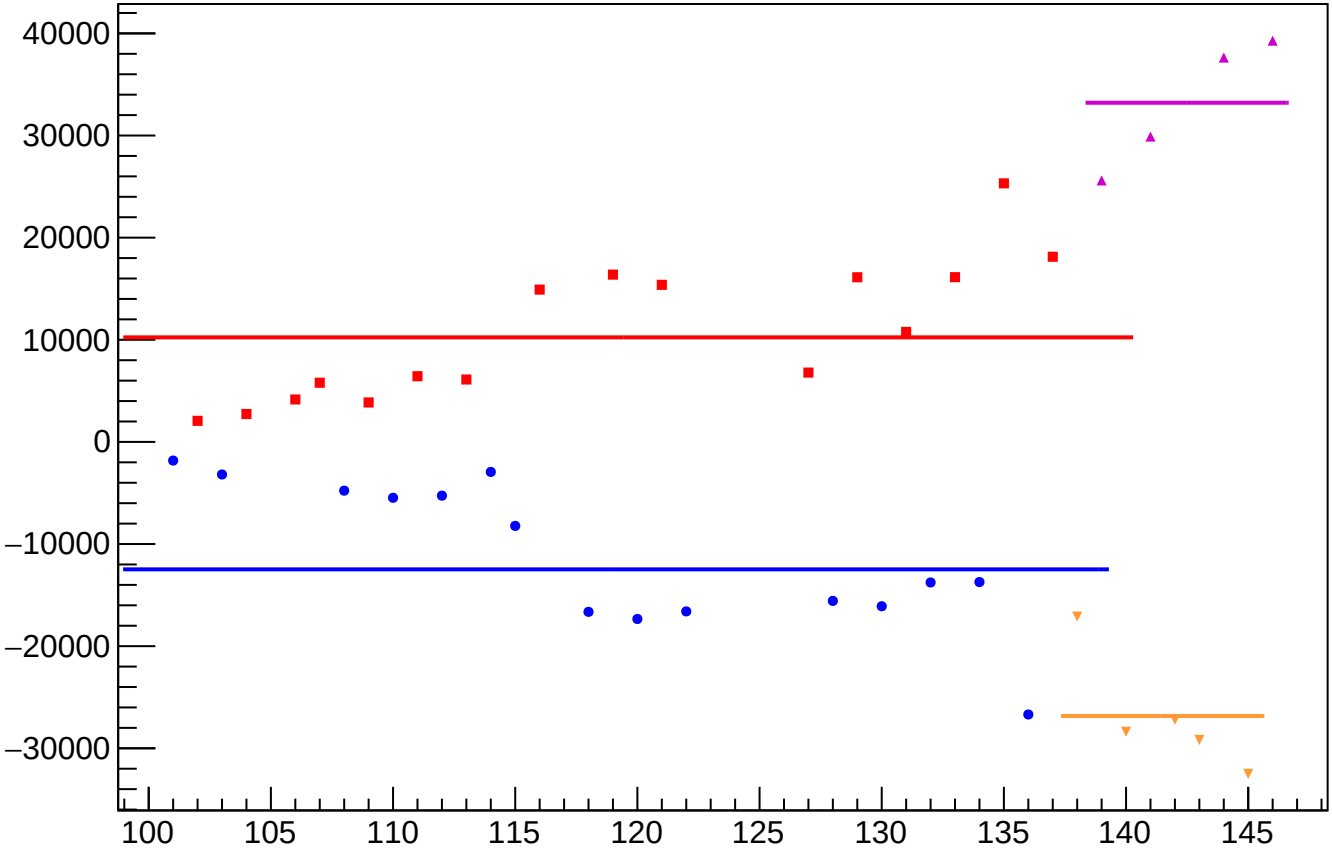
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 2494.094+/-0.000 χ^2/NDF: 644441753658972

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -26835.733+/-0.000 χ^2/NDF:105562919398948357039298772316862011146 24.0/4

In: 3167.647+/-0.000 χ^2/NDF:515606111222125 5

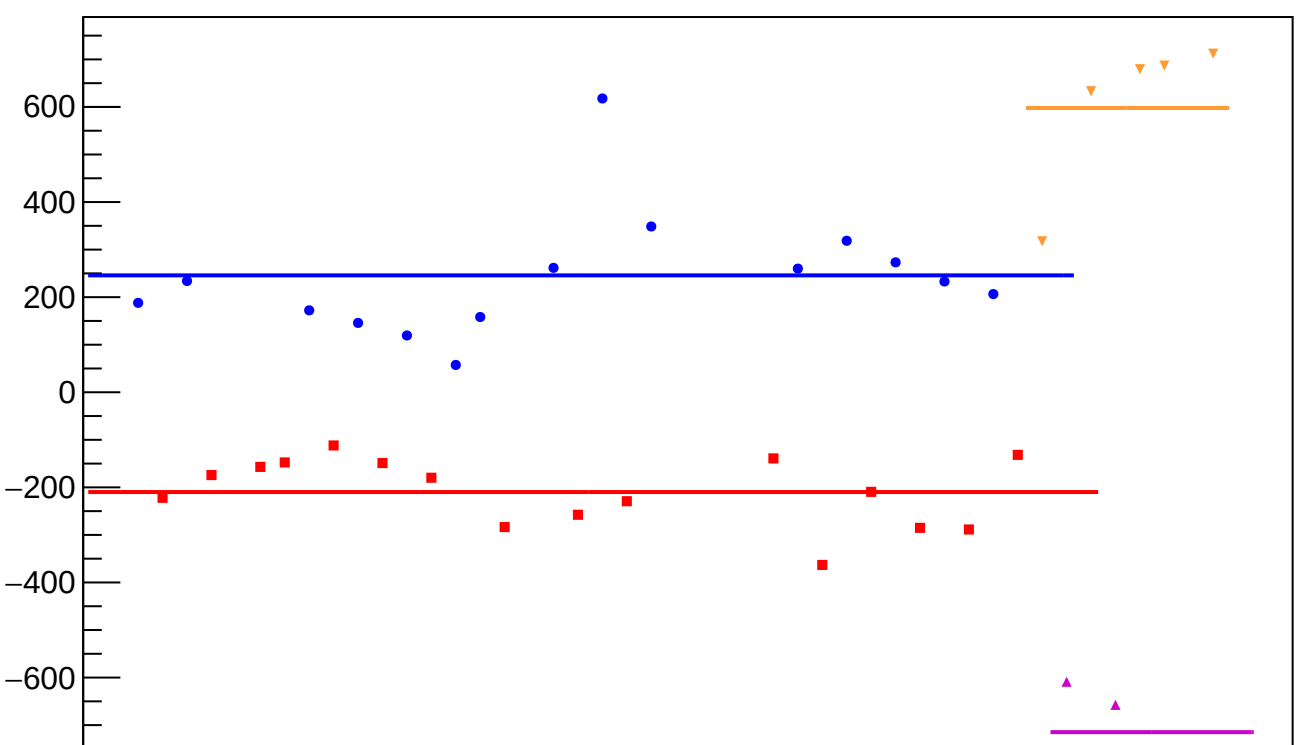
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -2616.100+/-0.000 χ^2/NDF:35964590266801

Left In: 33212.315+/-0.000 χ^2/NDF:104210706780349664593634213936280465571 84.0/3

All: 226.808+/-0.000 χ^2/NDF: 89203996869 1

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Left: -43.288+/-0.000 χ^2/NDF: 3084870926902257

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

Left Out: 597.831+/-0.000 χ^2/NDF:8127206628781844301296651636286947328.0/4

In: -83.123+/-0.000 χ^2/NDF:2153662301115732 4

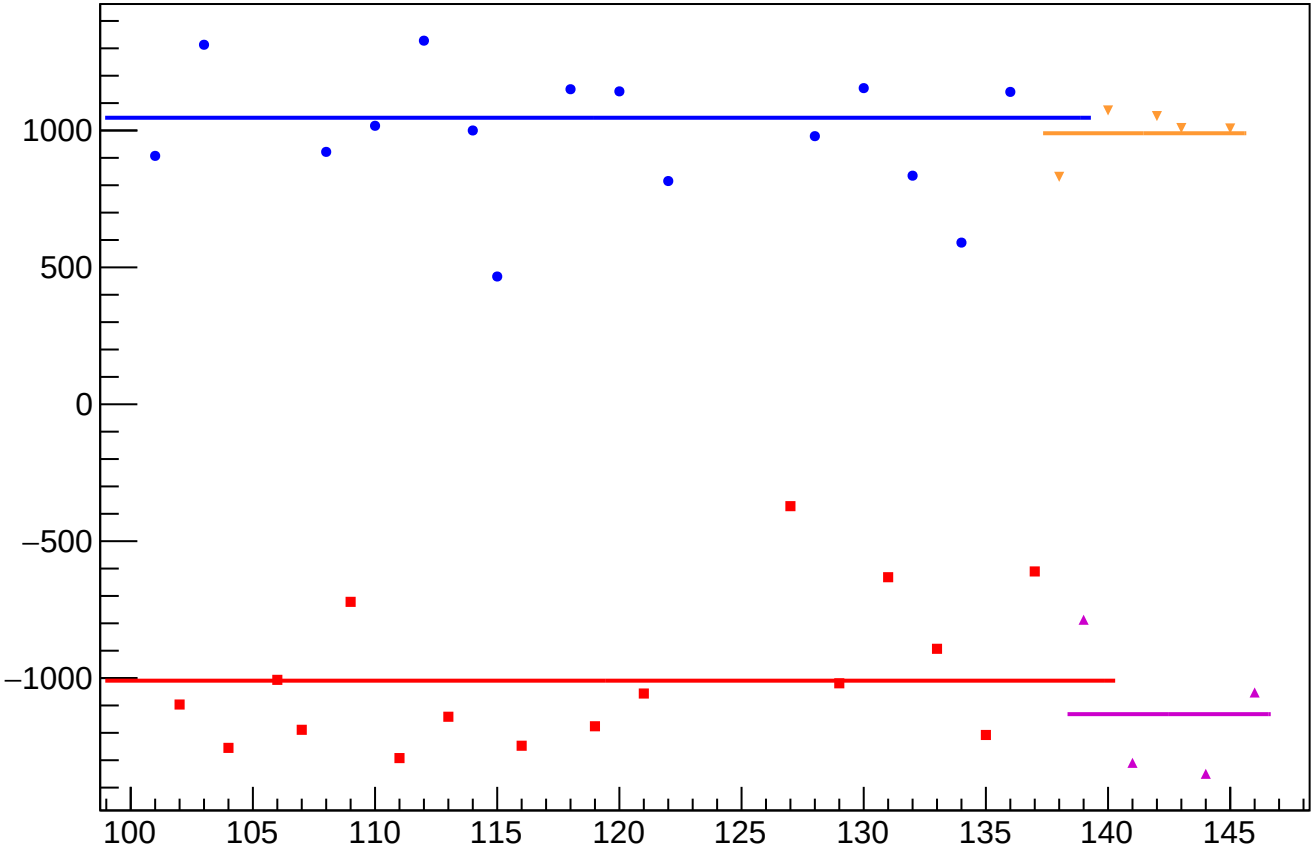
Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Out: 70.193+/-0.000 χ^2/NDF:1621166247765067 5

Left In: -714.756+/-0.000 χ^2/NDF:2459861685620115659191270231618093056.0/3

All: -5.167+/-0.000 χ^2/NDF: 3892792970859

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

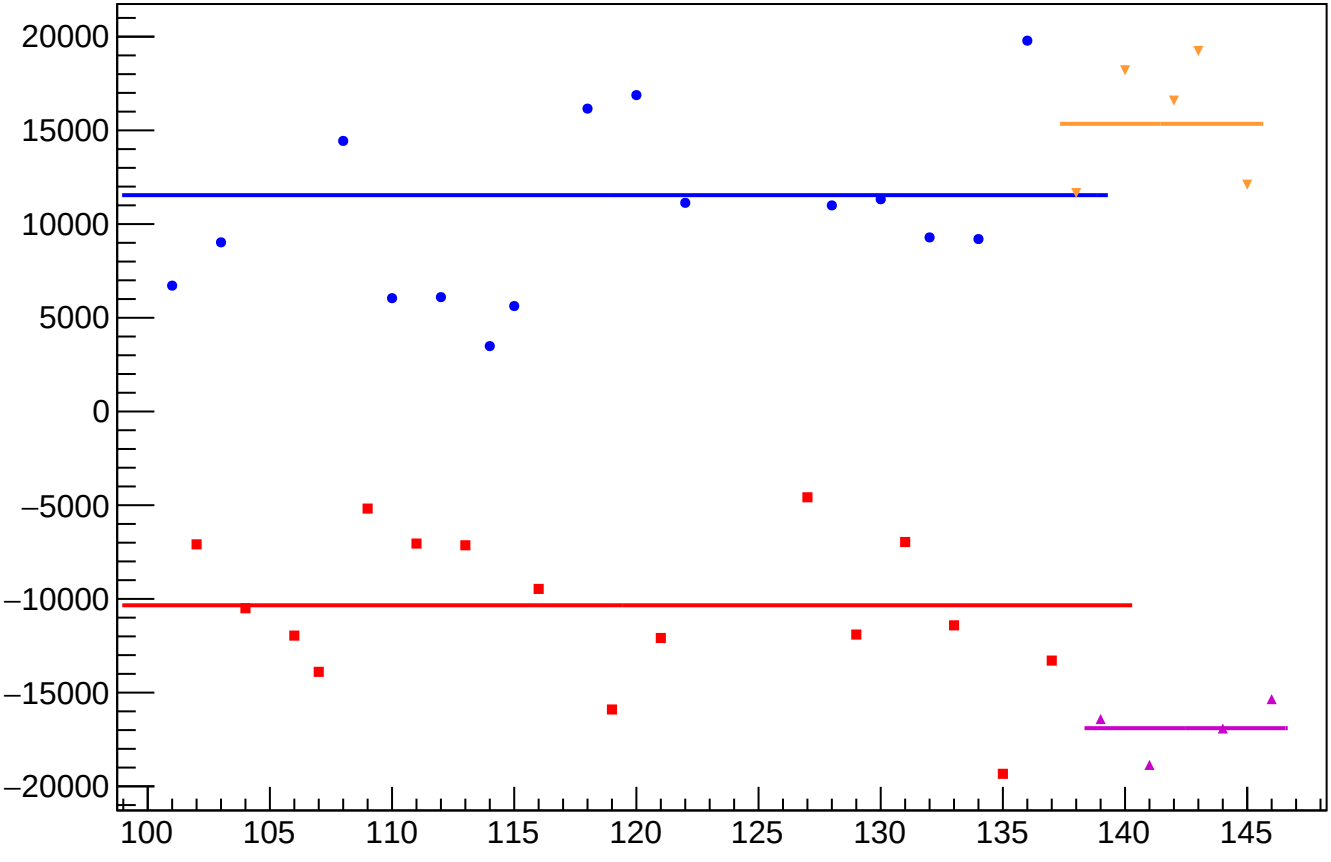
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -401.167+/-0.000 χ^2/NDF: 184022043760375

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 15349.847+/-0.000 χ^2/NDF:366830111747033785926934758814260396032 0.0/4

In: 1803.240+/-0.000 χ^2/NDF:194550255637172 0

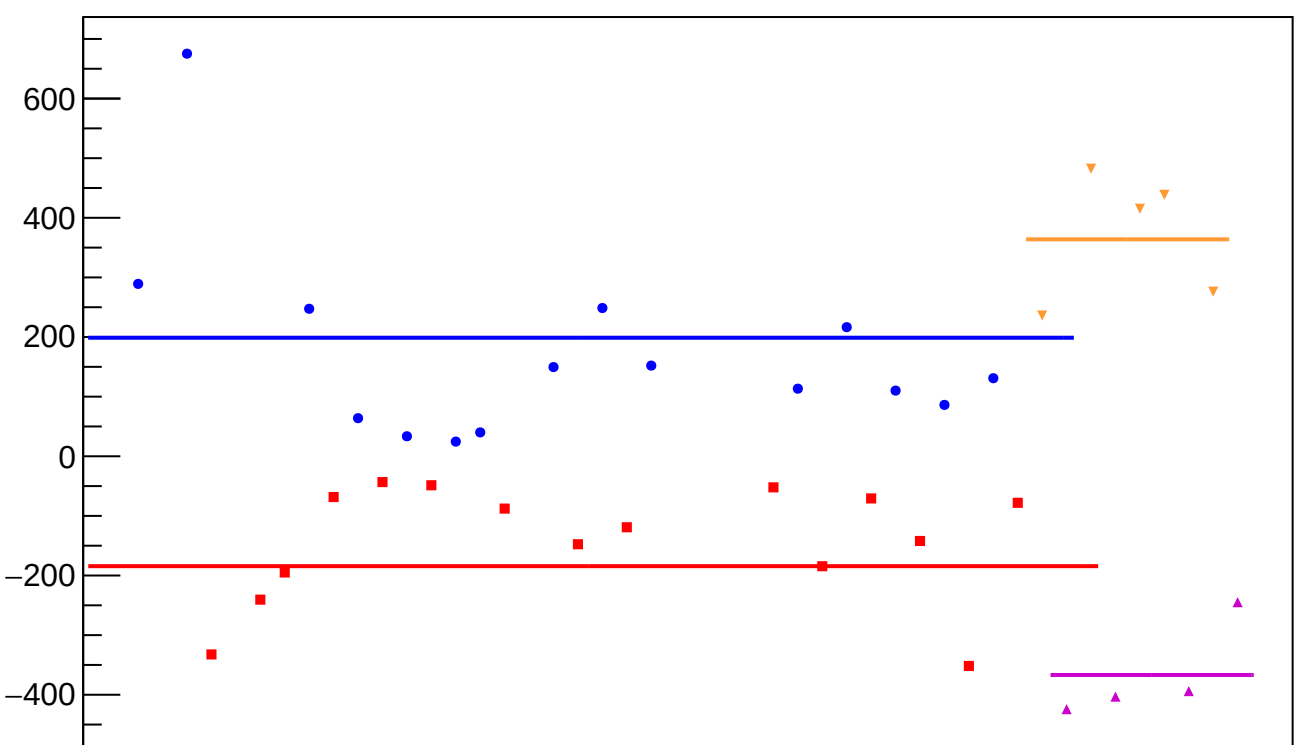
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: -1432.824+/-0.000 χ^2/NDF:16755400966833

Left In: -16897.791+/-0.000 χ^2/NDF:5454693177695513177480173603976097300 48.0/3

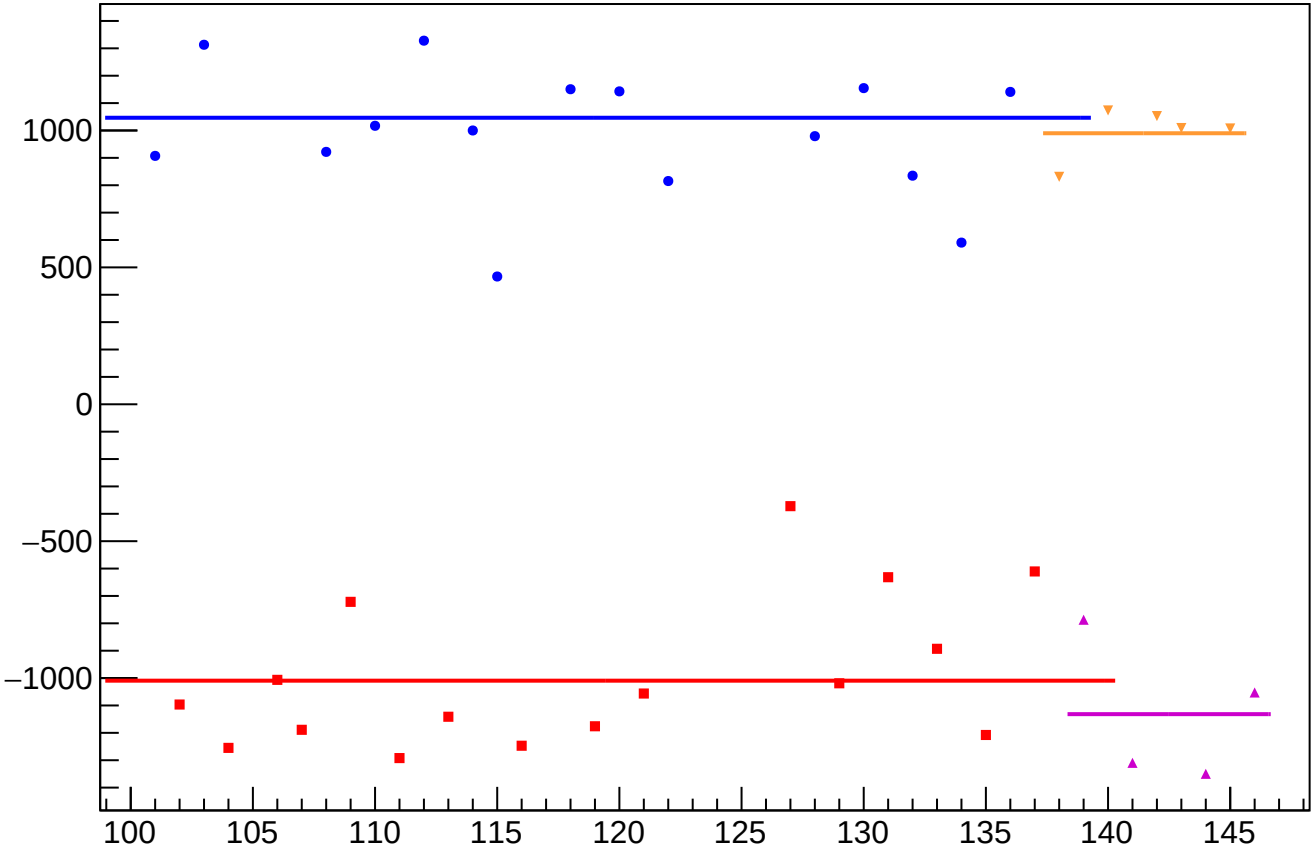
All: 157.811+/-0.000 χ^2/NDF: 367359756351

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Left: 6.976+/-0.000 χ^2/NDF: 975531171281011354
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257 0
Left Out: 363.897+/-0.000 χ^2/NDF:3544120368266559280191572012622151680.0/4
In: 5.128+/-0.000 χ^2/NDF:911361886179029920 6
Right Out: -184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240 3200.0/15
Out: 5.752+/-0.000 χ^2/NDF:8797734892259078 36
Left In: -366.840+/-0.000 χ^2/NDF:1680438696314560677583273977515606016.0/3
All: 5.445+/-0.000 χ^2/NDF: 1791137323566 0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

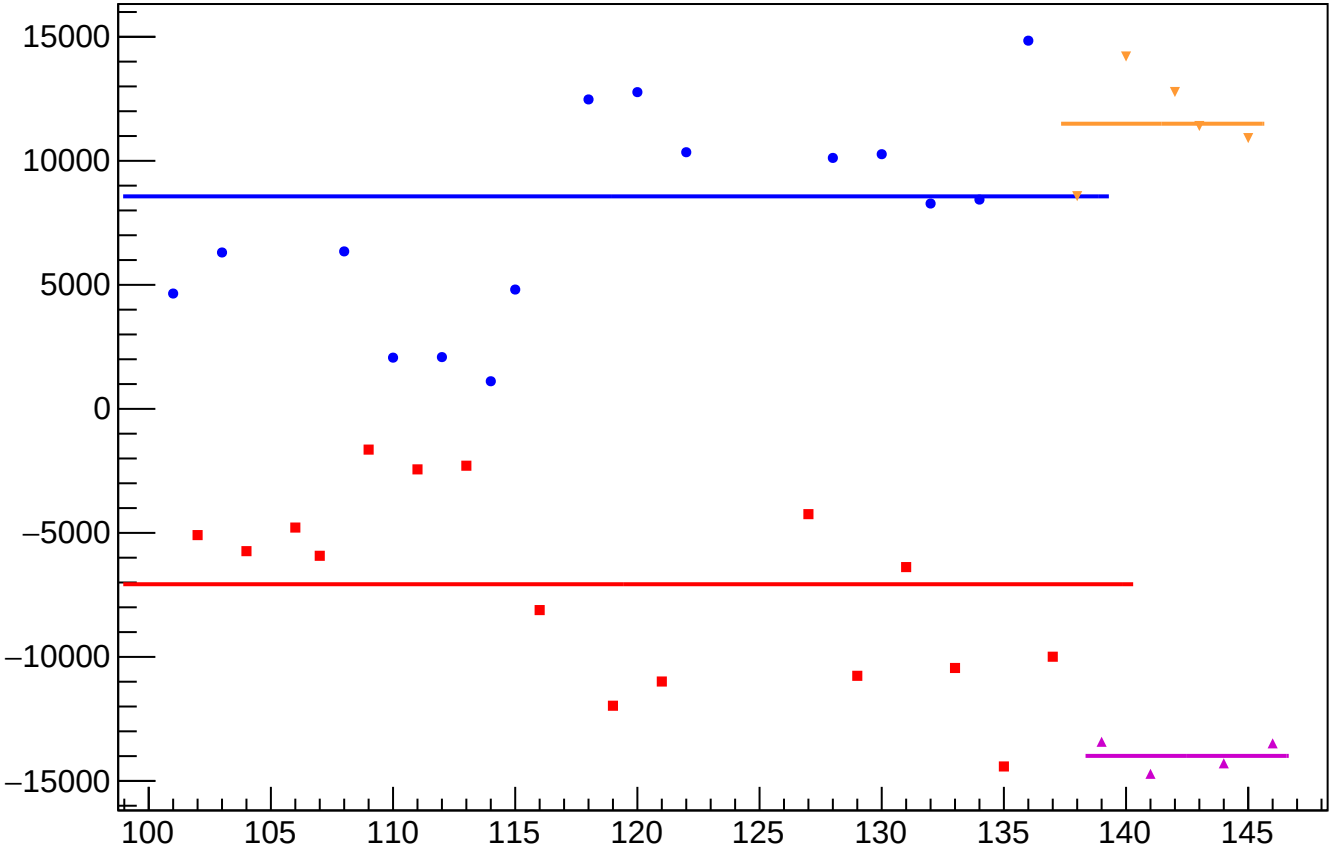
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_sam8_coil1_mean vs Slug, Sign Corrected



Left: -952.172+/-0.000 χ^2/NDF: 113790083207601

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Right: 642.005+/-0.000 χ^2/NDF: 101620430321781

Left Out: 11496.726+/-0.000 χ^2/NDF:1370947613475761118236887673385730965504.0/4

In: 842.703+/-0.000 χ^2/NDF:1243029115818869 2

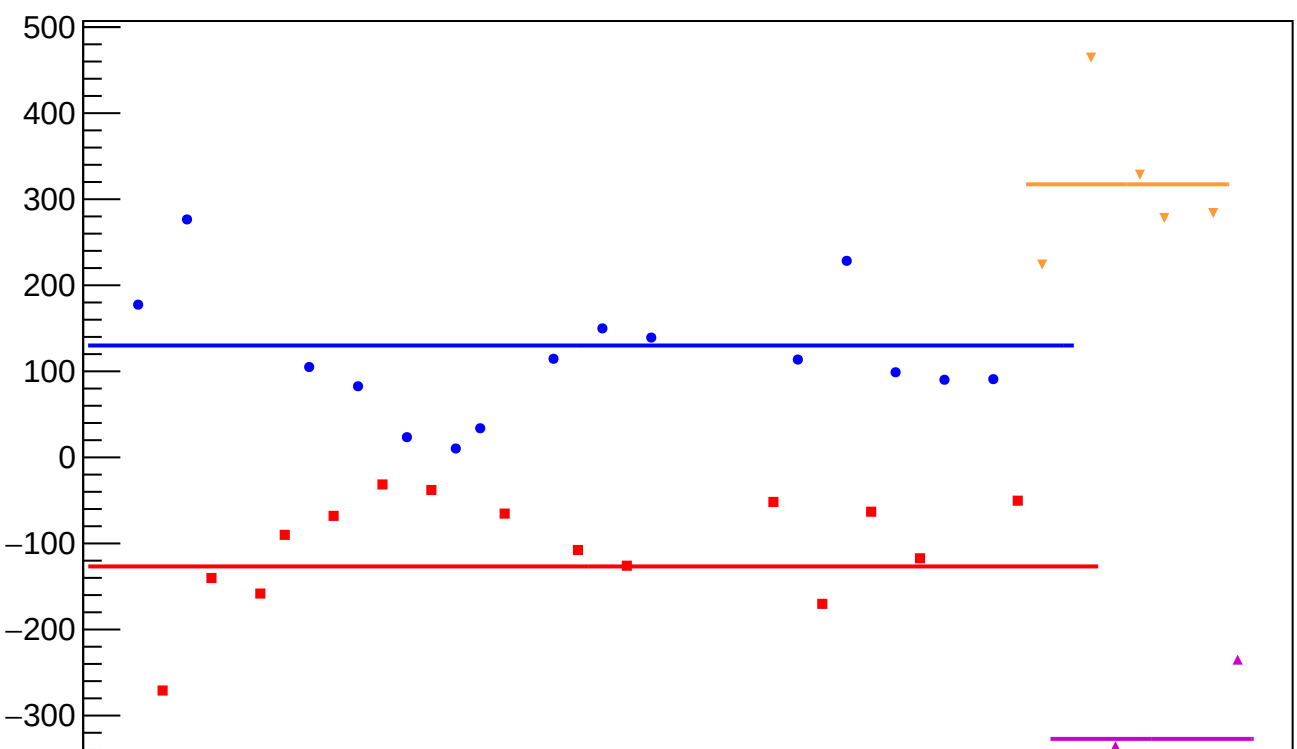
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

Out: -632.490+/-0.000 χ^2/NDF:911680476156658

Left In: -13990.367+/-0.000 χ^2/NDF:998148190825252912662328250737088266 24.0/3

All: 92.618+/-0.000 χ^2/NDF: 2165630954256

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Left: 2.537+/-0.000 χ^2/NDF: 754984577556577673

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835

Left Out: 317.273+/-0.000 χ^2/NDF:2653113085358782322320525270227877888.0/4

In: -26.520+/-0.000 χ^2/NDF:50607997941796614

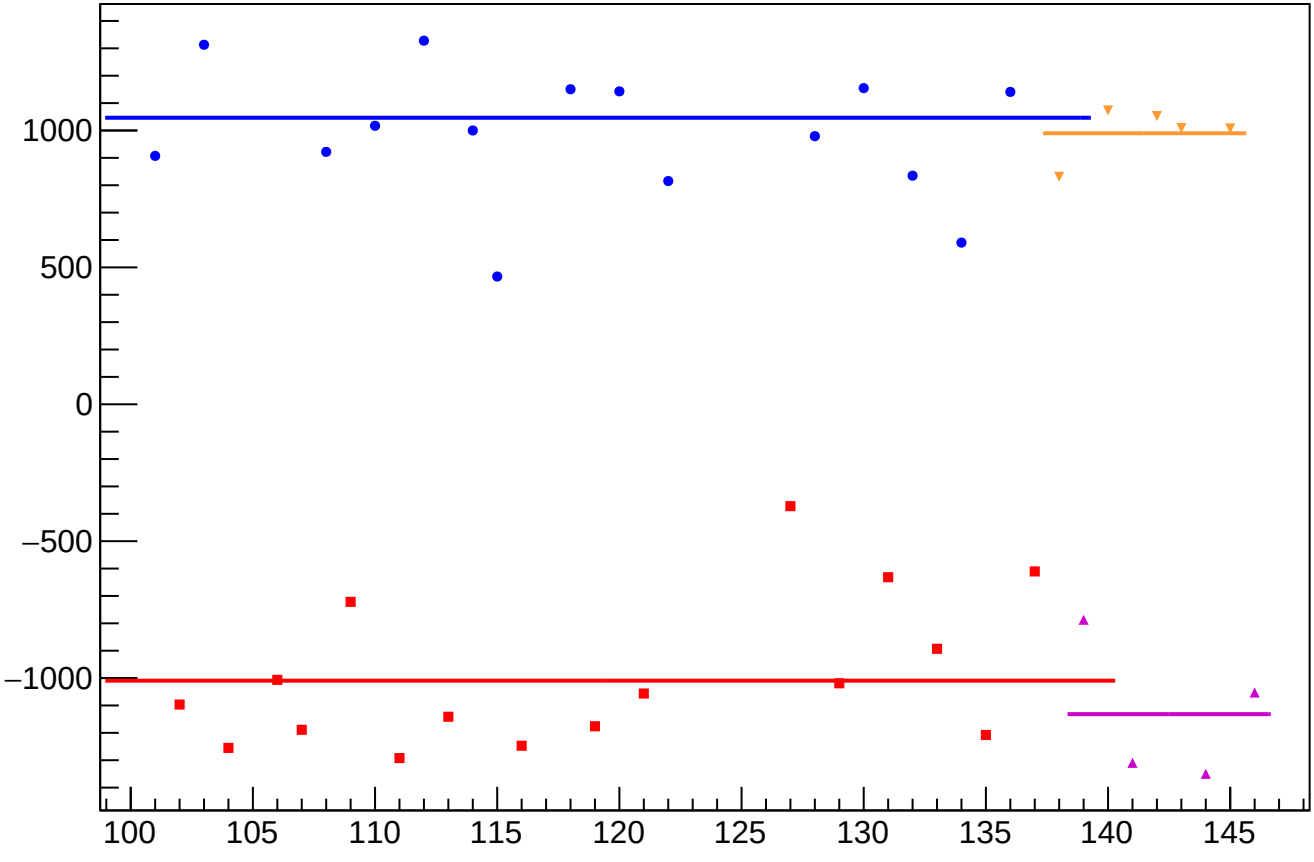
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Out: 27.228+/-0.000 χ^2/NDF:53636482500971146

Left In: -327.097+/-0.000 χ^2/NDF:10518559851239740693722141670988840 96.0/3

All: 0.809+/-0.000 χ^2/NDF: 1056942939969

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -46.393+/-0.000 χ^2/NDF: 7981269606419159

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 989.881+/-0.000 χ^2/NDF:2773545835464195176837579798344630272.0/4

In: 300.557+/-0.000 χ^2/NDF:1096423586833548

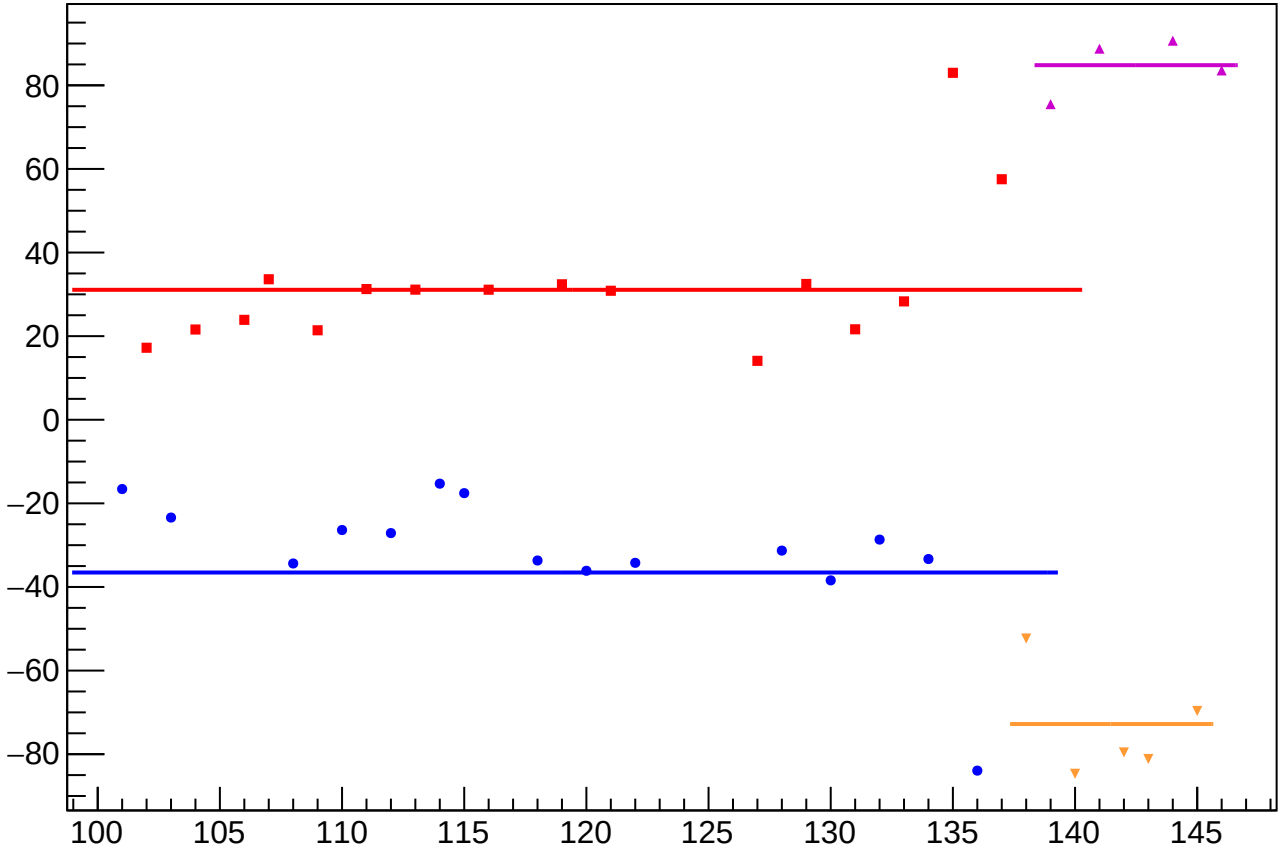
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -316.241+/-0.000 χ^2/NDF:971799572476317

Left In: -1131.722+/-0.000 χ^2/NDF:1706205059468453798948962067689557196 8.0/3

All: -13.064+/-0.000 χ^2/NDF: 225914928490

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 4.193+/-0.000 χ^2/NDF: 435827744527008530

Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060

Left Out: -72.787+/-0.000 χ^2/NDF:5184390708997106974210030119052902 4.0/4

In: 5.019+/-0.000 χ^2/NDF:3539140019787216721

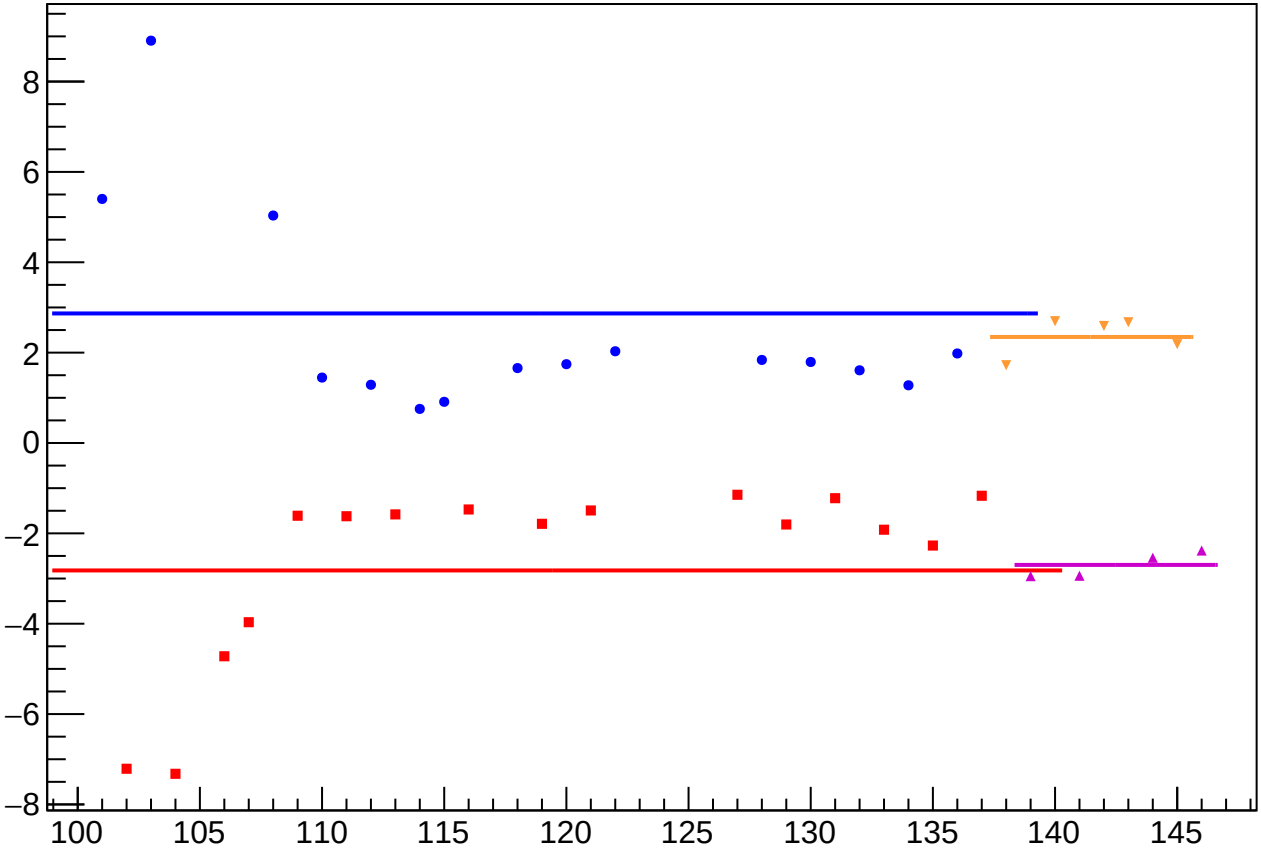
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

Out: -4.929+/-0.000 χ^2/NDF:2728316883615592 2

Left In: 84.818+/-0.000 χ^2/NDF:1154702221171046225927688530008473 6.0/3

All: -0.039+/-0.000 χ^2/NDF: 6317125977701

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.118+/-0.000 χ^2/NDF: 44741596805669682

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

Left Out: 2.347+/-0.000 χ^2/NDF:5230524312981575777422127451340 8.0/4

In: 0.961+/-0.000 χ^2/NDF:10361482051616035 70

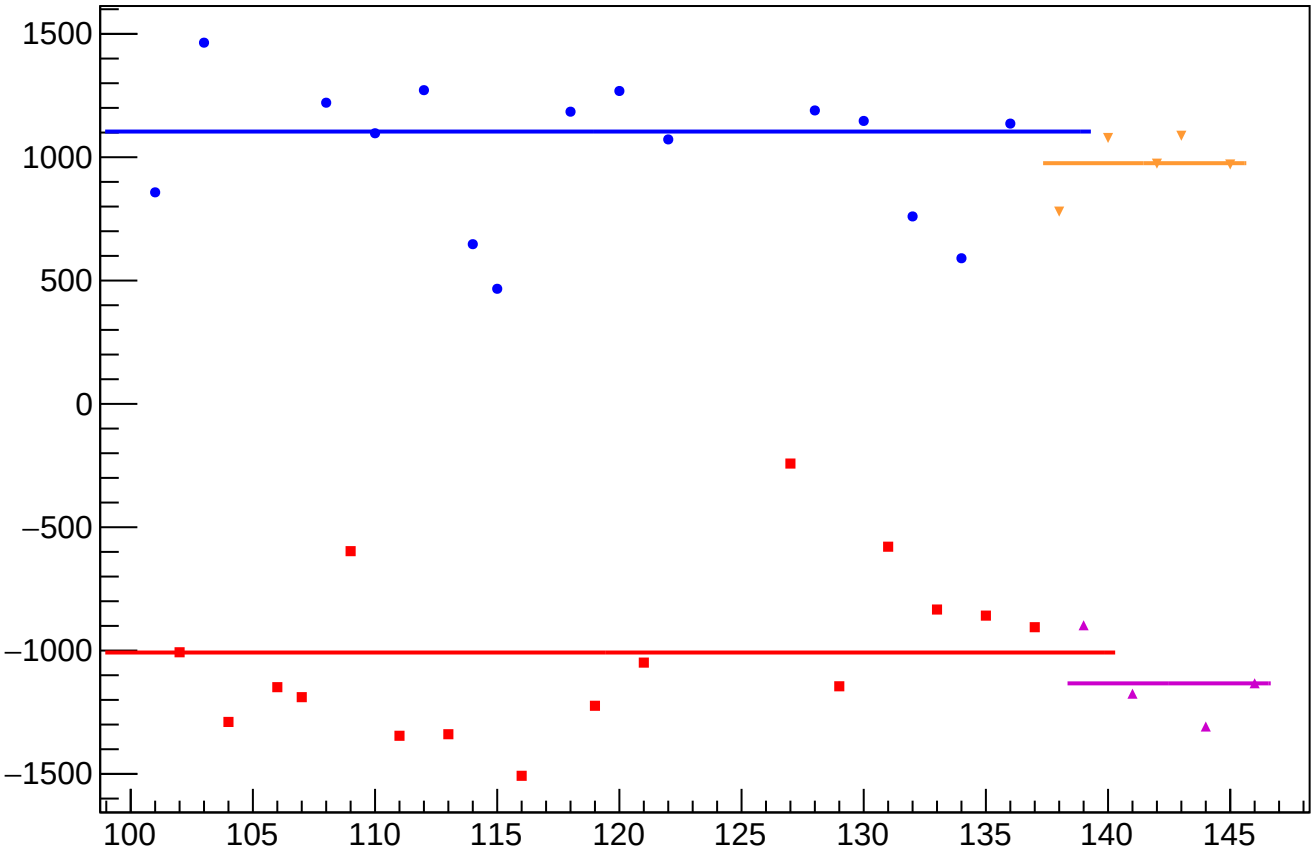
Right Out: -2.821+/-0.000 χ^2/NDF: 30529487181079024904971729124720 64.0/15

Out: -1.029+/-0.000 χ^2/NDF:92810364411637501

Left In: -2.699+/-0.000 χ^2/NDF:20542384759073816336172717178880.0/3

All: -0.051+/-0.000 χ^2/NDF: 2163109364282

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

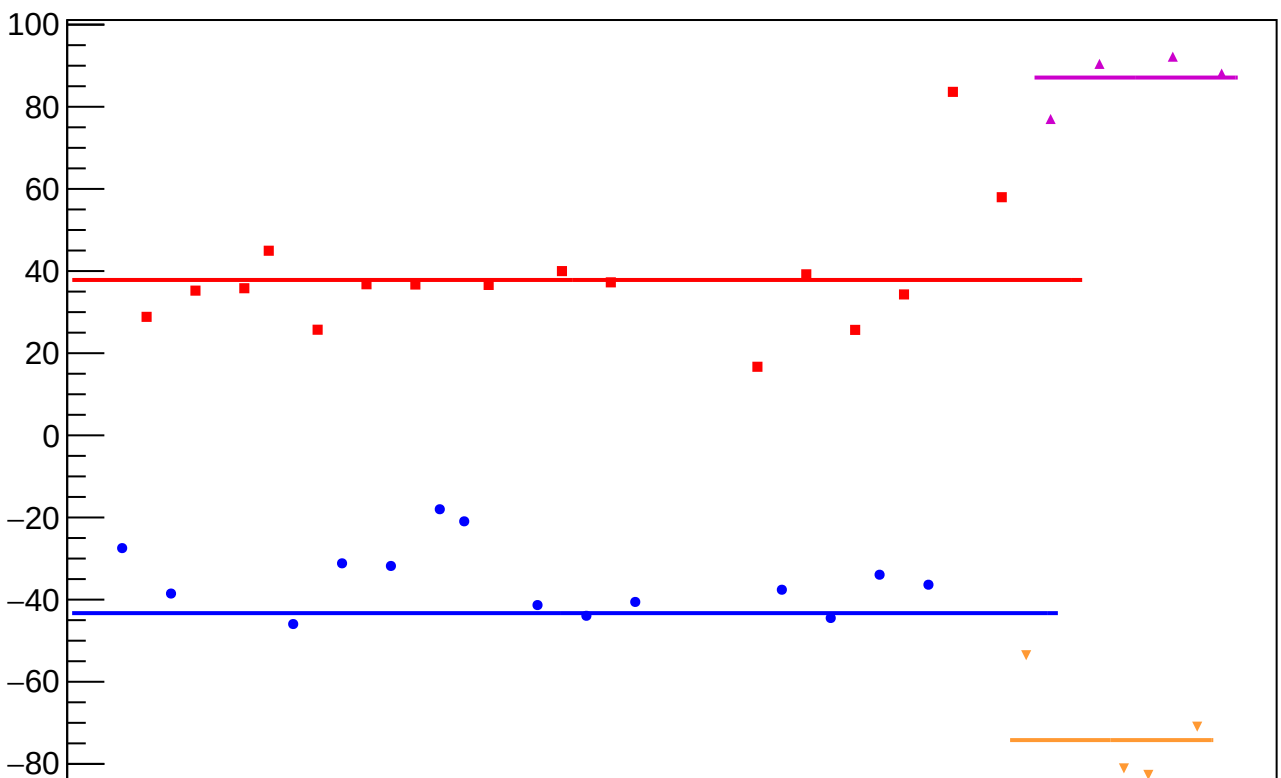
Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 4.591+/-0.000 χ^2/NDF: 456430205447842212

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -74.202+/-0.000 χ^2/NDF:5316693231799326133155923163191705 6.0/4

In: 1.367+/-0.000 χ^2/NDF:399030537475027637 8

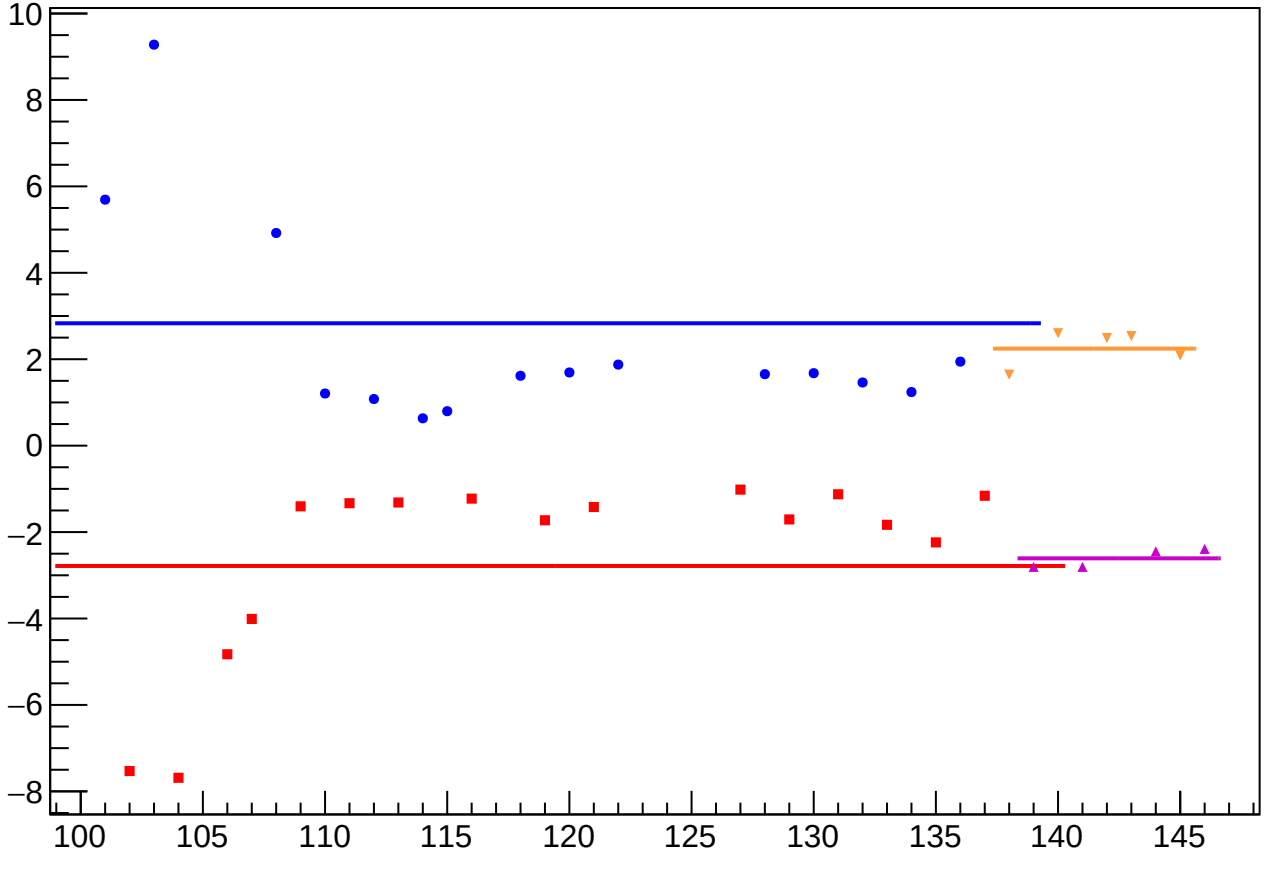
Right Out: 37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

Out: -1.012+/-0.000 χ^2/NDF:3104595258238778 8

Left In: 87.114+/-0.000 χ^2/NDF:115644170052363714202617859727687 68.0/3

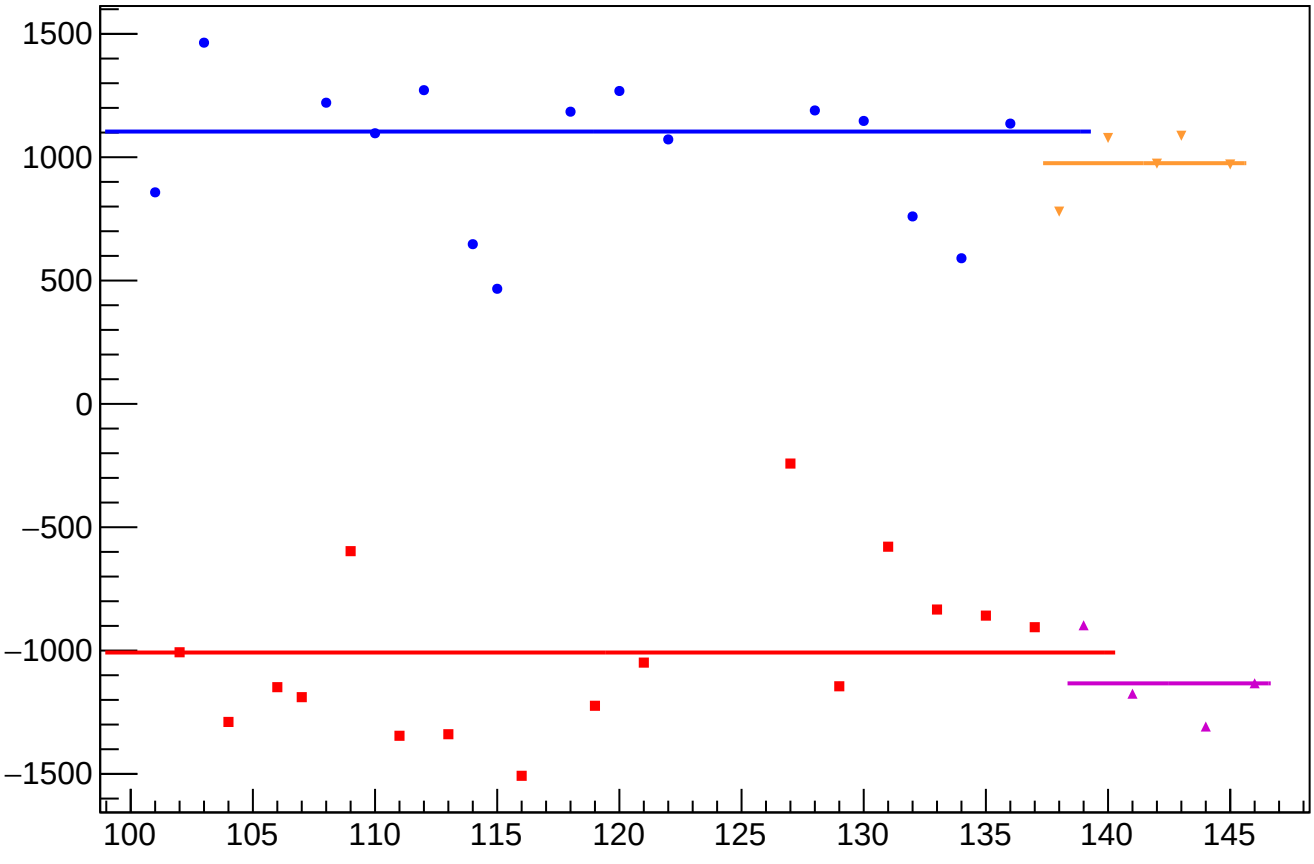
All: 0.157+/-0.000 χ^2/NDF: 7097742590513 5

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



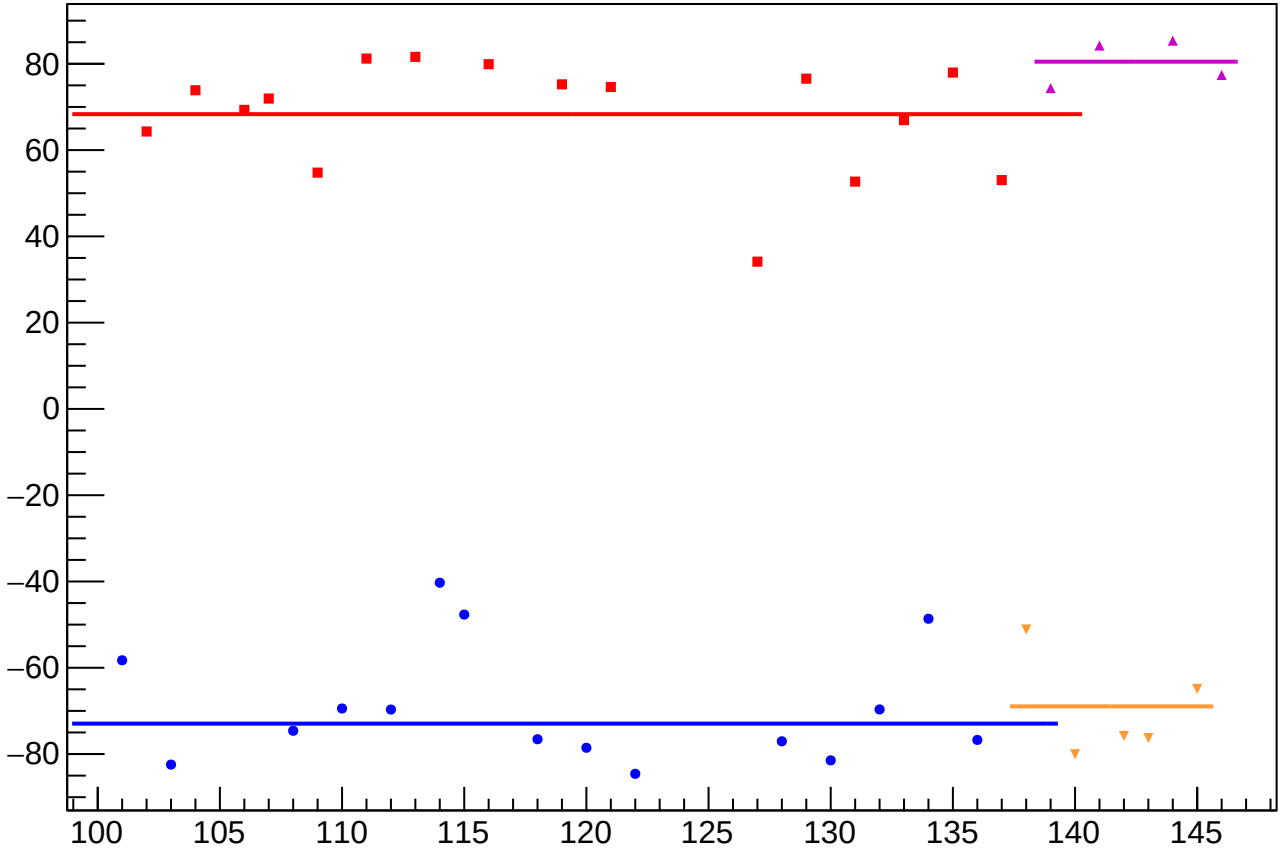
Left: -0.125+/-0.000 χ^2/NDF: 41351533362690401
Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14
Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502
Left Out: 2.246+/-0.000 χ^2/NDF:49201205490996000629308467970048.0/4
In: 0.969+/-0.000 χ^2/NDF:105471391342969332
Right Out: -2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15
Out: -1.040+/-0.000 χ^2/NDF:94892957018673438
Left In: -2.608+/-0.000 χ^2/NDF:12783658125096185640405543419904.0/3
All: -0.053+/-0.000 χ^2/NDF: 2206239506902

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4
In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -320.101+/-0.000 χ^2/NDF:983850797135784
Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3
All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 4.042+/-0.000 χ^2/NDF: 39106163969141786

Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -68.951+/-0.000 χ^2/NDF:41996169400094296753471279543091200.0/4

In: -20.403+/-0.000 χ^2/NDF:5305512417058090 4

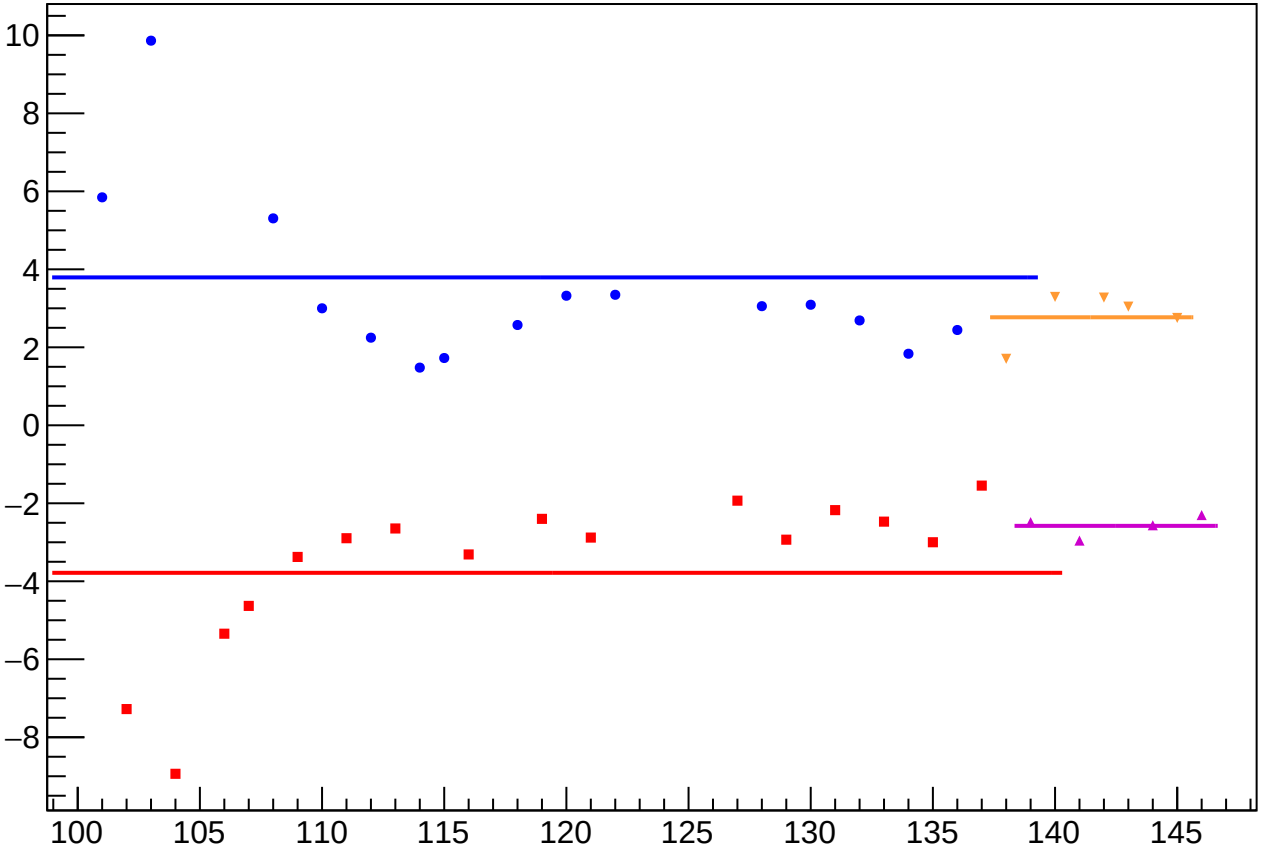
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: 20.728+/-0.000 χ^2/NDF:4506633848980423

Left In: 80.491+/-0.000 χ^2/NDF:7123821578661689894199711441616896.0/3

All: 0.511+/-0.000 χ^2/NDF: 1066117955048 7

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.157+/-0.000 χ^2/NDF: 509339023874906591

Right In: 3.793+/-0.000 χ^2/NDF: 3205389242726129619796290810413056.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.770+/-0.000 χ^2/NDF:1275523829163442691972382284840 96.0/4

In: 1.611+/-0.000 χ^2/NDF:122476685008334475

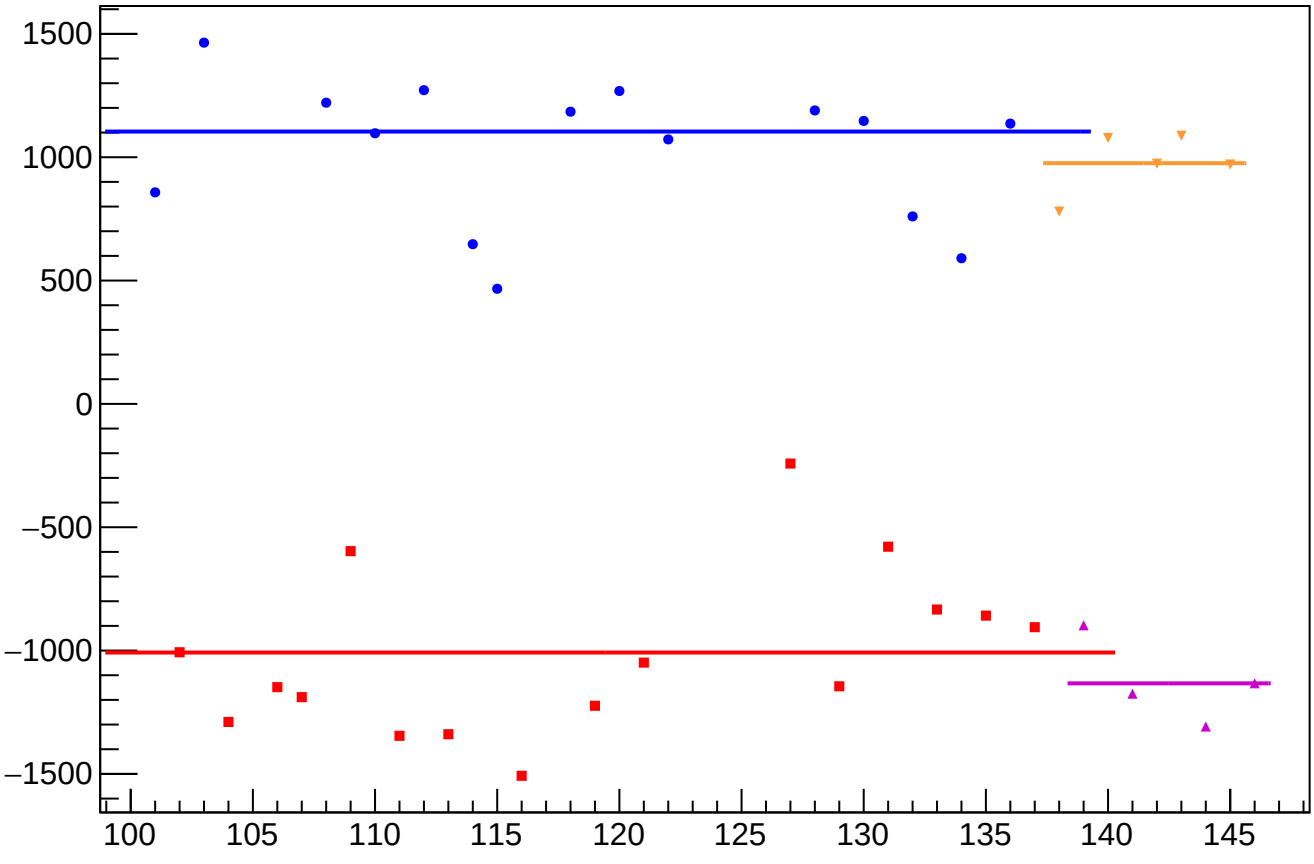
Right Out: -3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

Out: -1.511+/-0.000 χ^2/NDF:12936904149693123

Left In: -2.579+/-0.000 χ^2/NDF:192625210827953600069118952734 72.0/3

All: 0.023+/-0.000 χ^2/NDF: 3007599832895

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

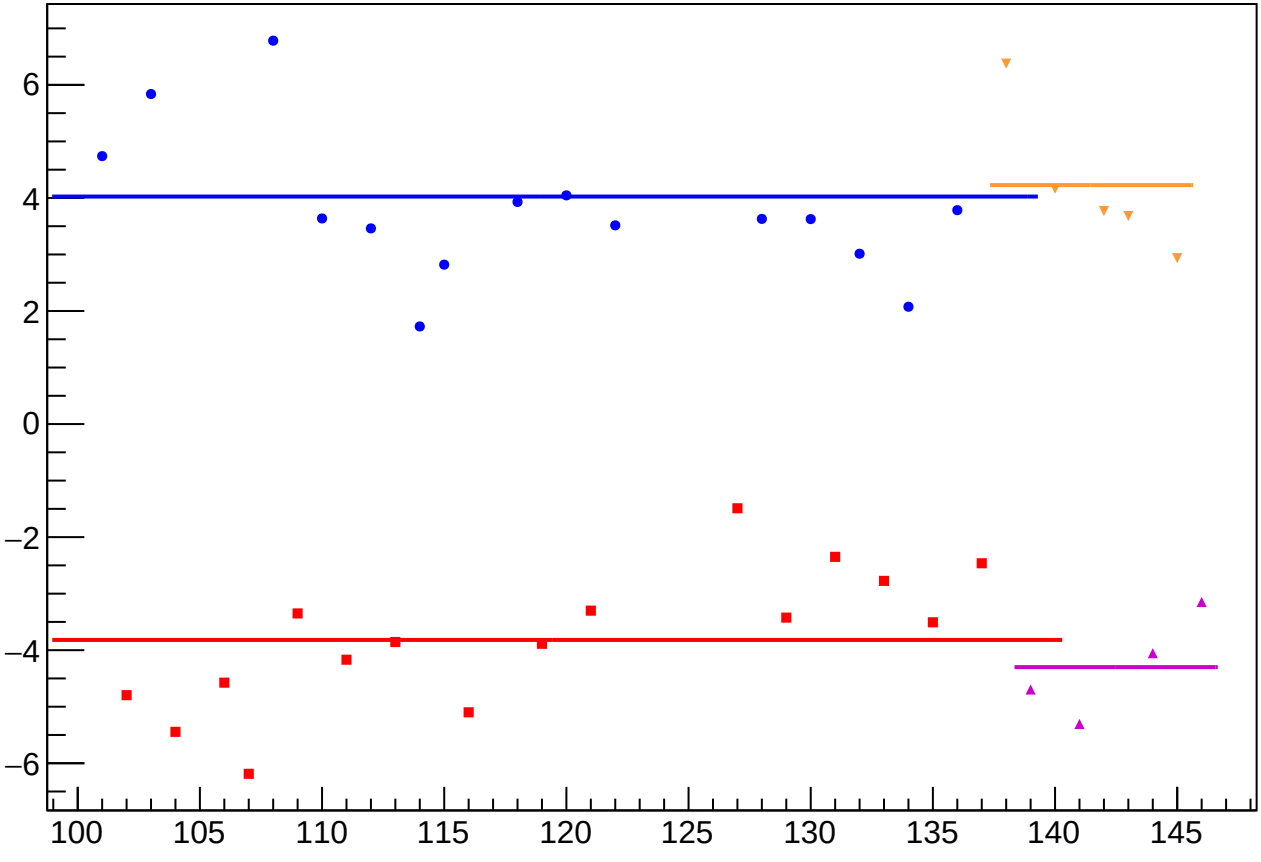
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

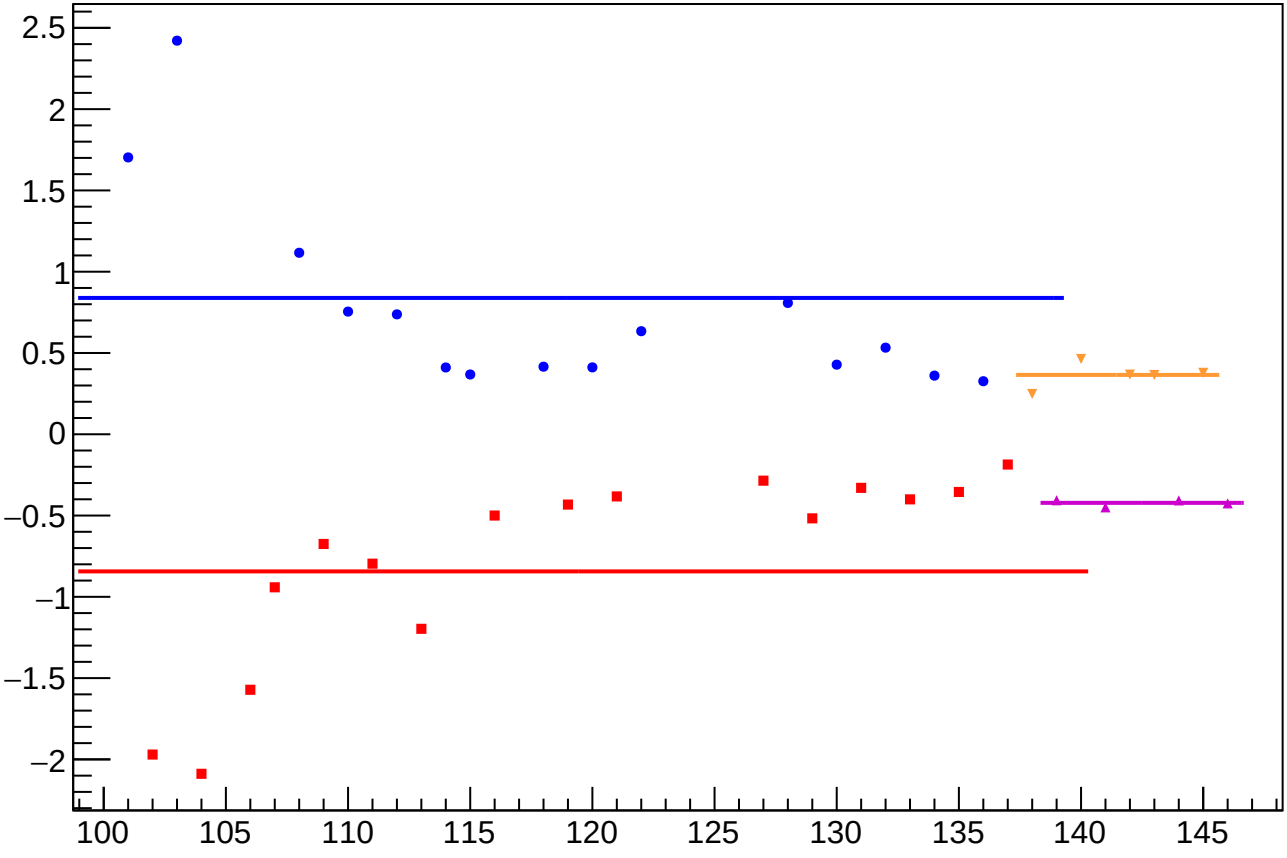
All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: 0.062+/-0.000 χ^2/NDF: 13311350339414520
Right In: 4.025+/-0.000 χ^2/NDF: 7690016504423219281294738325504 00.0/14
Right: 0.050+/-0.000 χ^2/NDF: 2189275488787973
Left Out: 4.227+/-0.000 χ^2/NDF:5256184720510789320739146925342 72.0/4
In: 1.174+/-0.000 χ^2/NDF:1638445714935677227
Right Out: -3.819+/-0.000 χ^2/NDF: 8882322402264343291148591714795 52.0/15
Out: -1.029+/-0.000 χ^2/NDF:1638408599474850 1
Left In: -4.300+/-0.000 χ^2/NDF:2142729793524936351182452319846 40.0/3
All: 0.054+/-0.000 χ^2/NDF: 3520417994397 1

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.019+/-0.000 χ^2/NDF: 10906696981900161

Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244

Left Out: 0.365+/-0.000 χ^2/NDF:1876707353227686427595280220160.0/4

In: 0.407+/-0.000 χ^2/NDF:611685108310935635 8

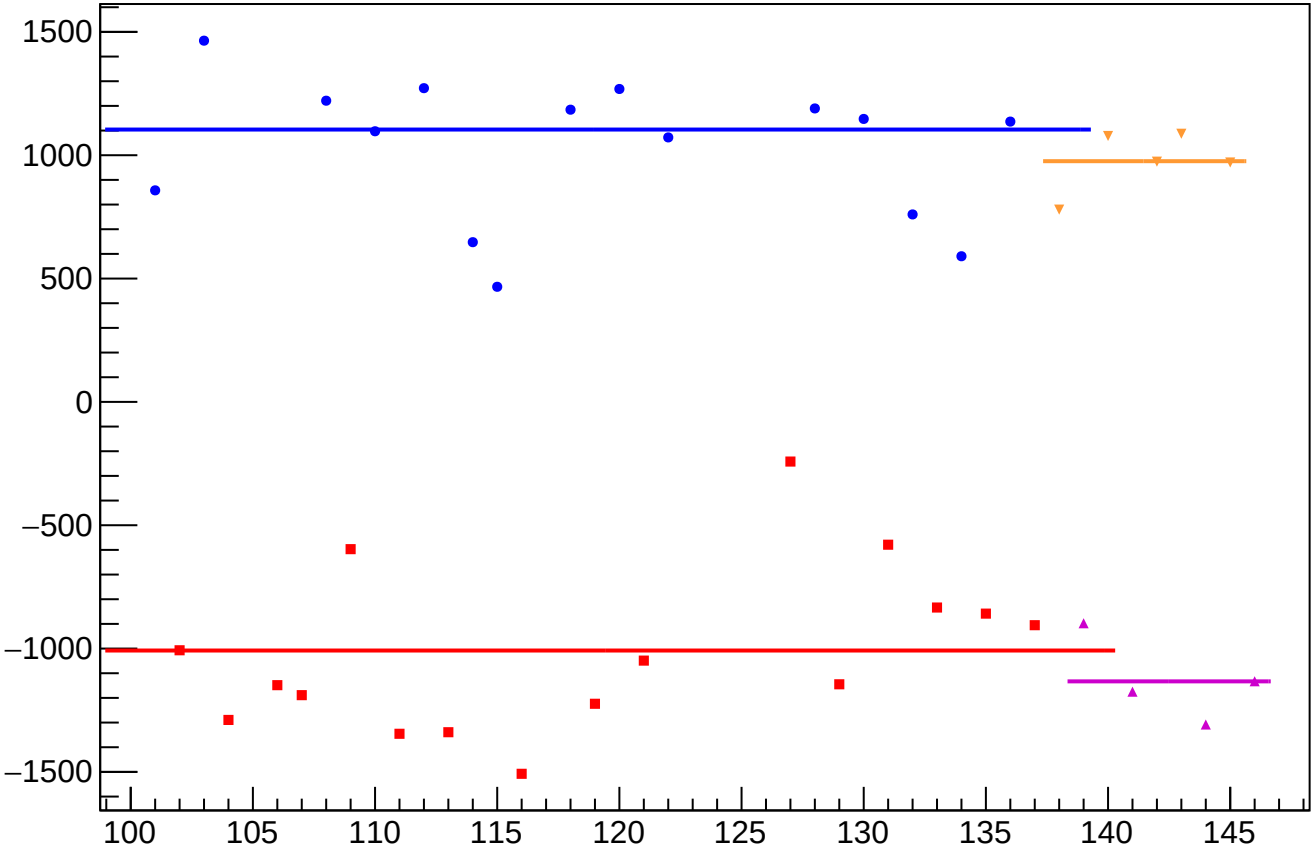
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

Out: -0.424+/-0.000 χ^2/NDF:5926228442696083 3

Left In: -0.422+/-0.000 χ^2/NDF:1062098506880976662869301002 24.0/3

All: -0.016+/-0.000 χ^2/NDF: 1551285909538

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

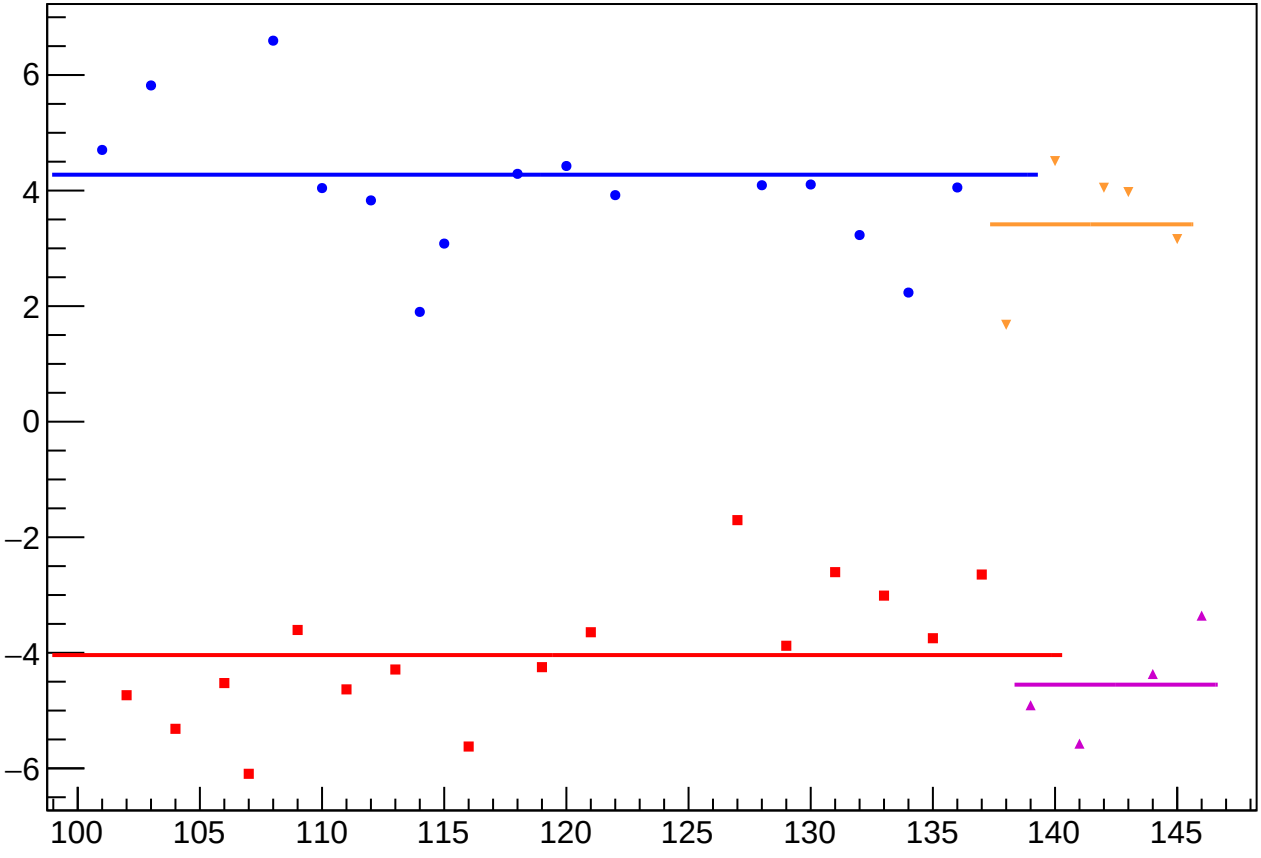
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

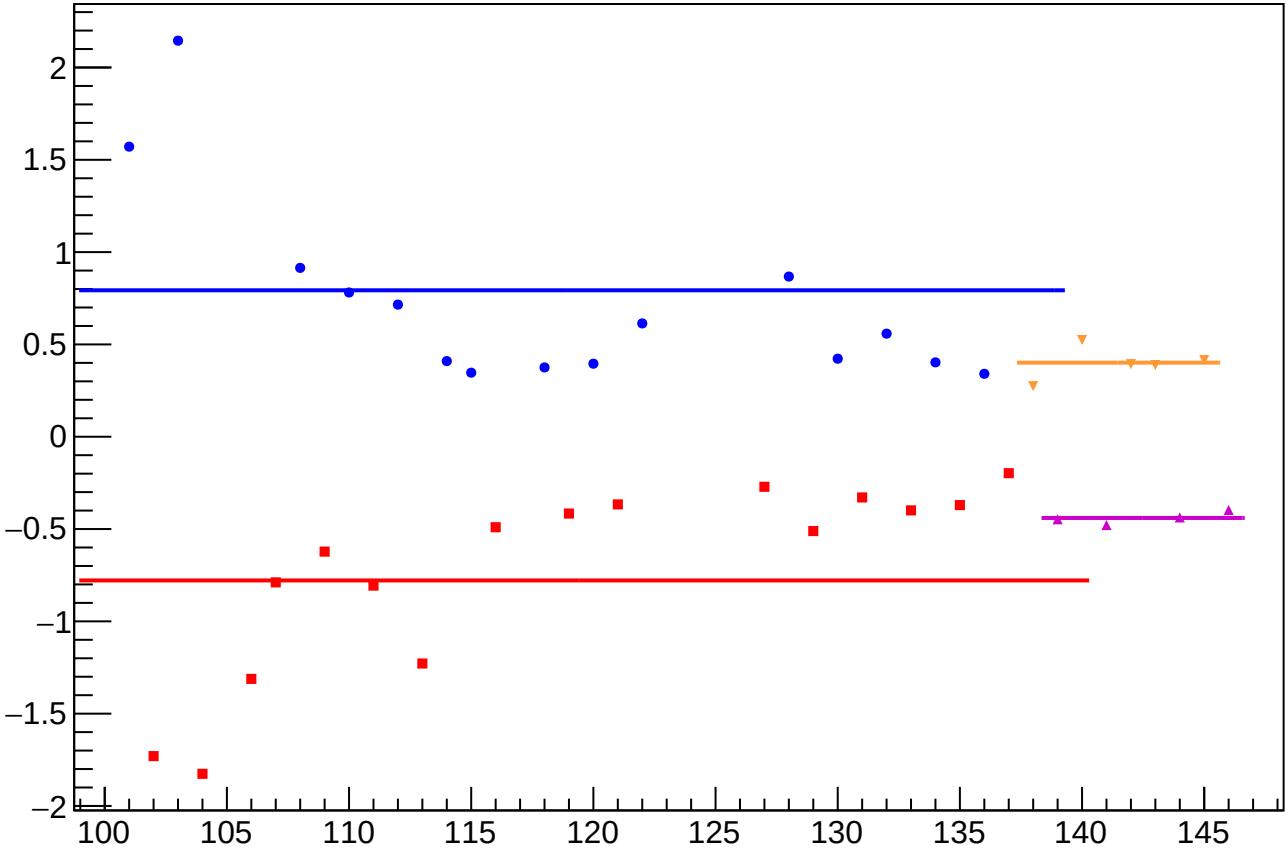
All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.476+/-0.000 χ^2/NDF: 1157464948633952
Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14
Right: 0.061+/-0.000 χ^2/NDF: 2410811716301541
Left Out: 3.416+/-0.000 χ^2/NDF:37860774183181141984569514891673 6.0/4
In: 1.252+/-0.000 χ^2/NDF:1813213370045438461
Right Out: -4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15
Out: -1.455+/-0.000 χ^2/NDF:14004228762251091
Left In: -4.552+/-0.000 χ^2/NDF:2203379433090288835848077511229 44.0/3
All: -0.124+/-0.000 χ^2/NDF: 3581339088015

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.010+/-0.000 χ^2/NDF: 12518296249996792

Right In: 0.793+/-0.000 χ^2/NDF: 19550877717358948344031470000537 6.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.401+/-0.000 χ^2/NDF:2530885255191766681155708911616.0/4

In: 0.371+/-0.000 χ^2/NDF:533798804884013669 9

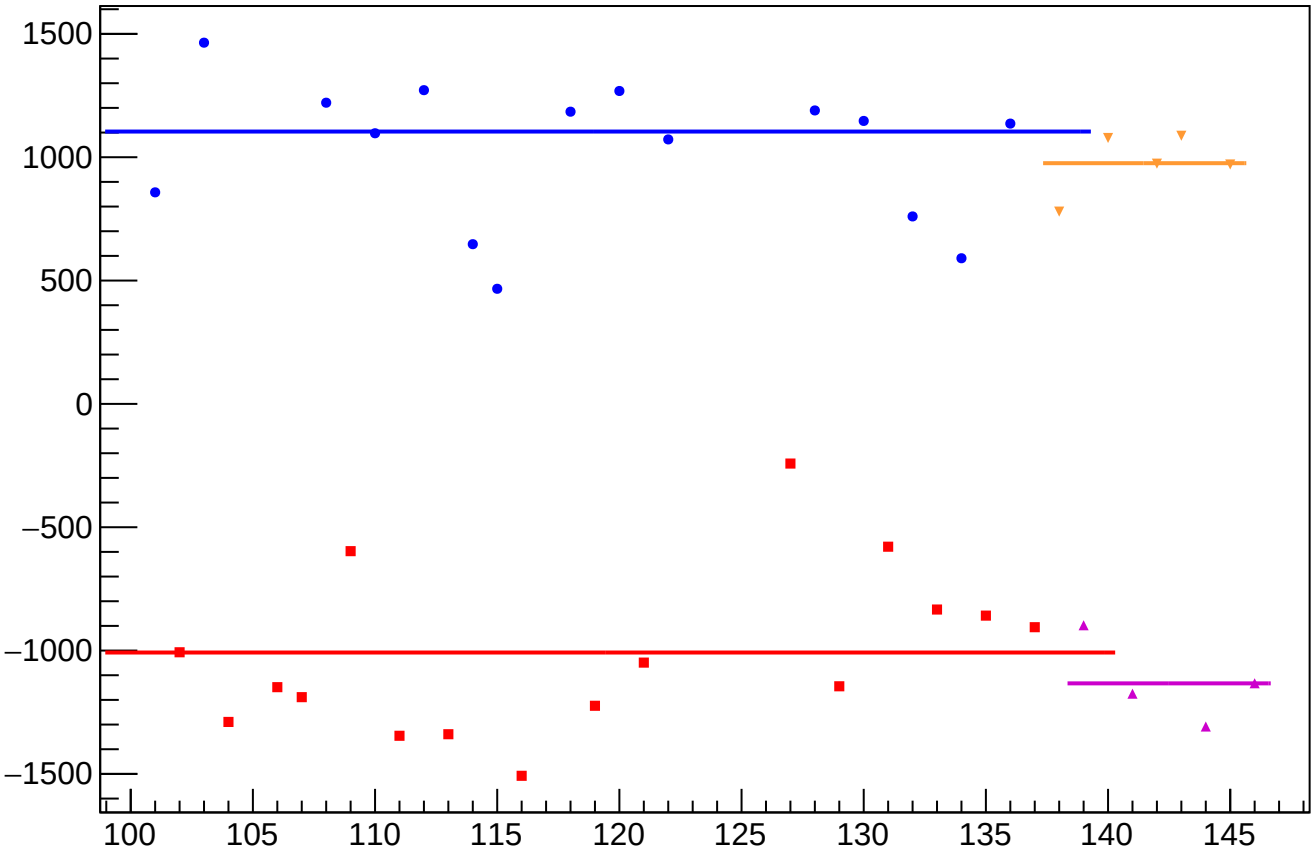
Right Out: -0.778+/-0.000 χ^2/NDF: 1858146357721833060639036900638 72.0/15

Out: -0.369+/-0.000 χ^2/NDF:5101894479599080 3

Left In: -0.440+/-0.000 χ^2/NDF:2831293049653830992589771243 52.0/3

All: -0.006+/-0.000 χ^2/NDF: 1319041894984

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

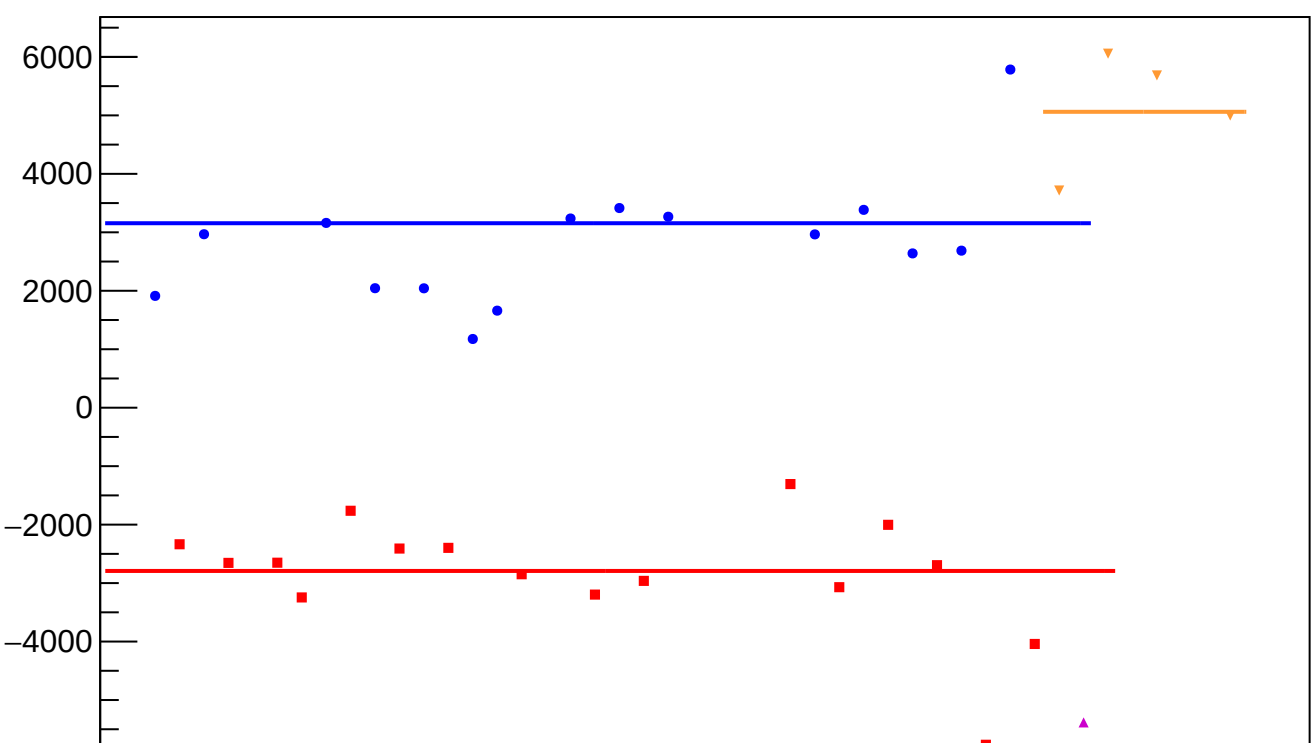
Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -976.426+/-0.000 χ^2/NDF: 196473568027620

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 5061.186+/-0.000 χ^2/NDF:240555500718063698415554436170036281344.0/3

In: -15.147+/-0.000 χ^2/NDF:20016267019173924

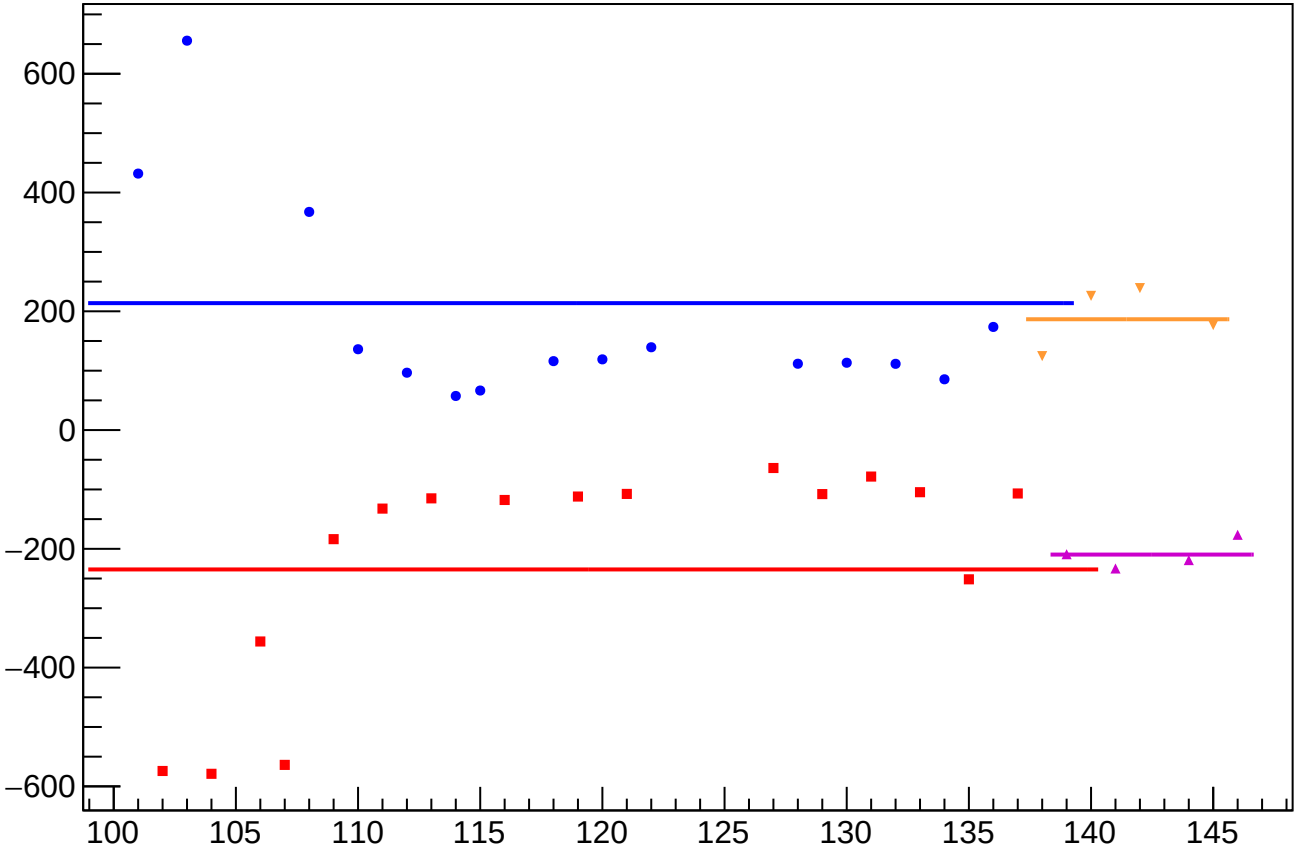
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: -429.630+/-0.000 χ^2/NDF:132911316316276

Left In: -6103.037+/-0.000 χ^2/NDF:614981070246014533500594335372437094 40.0/3

All: -218.865+/-0.000 χ^2/NDF: 3339073885 9

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -27.704+/-0.000 χ^2/NDF: 2508245038056298

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 186.604+/-0.000 χ^2/NDF:562219496211563189622396144228237312.0/3

In: 68.740+/-0.000 χ^2/NDF:59709772517086772

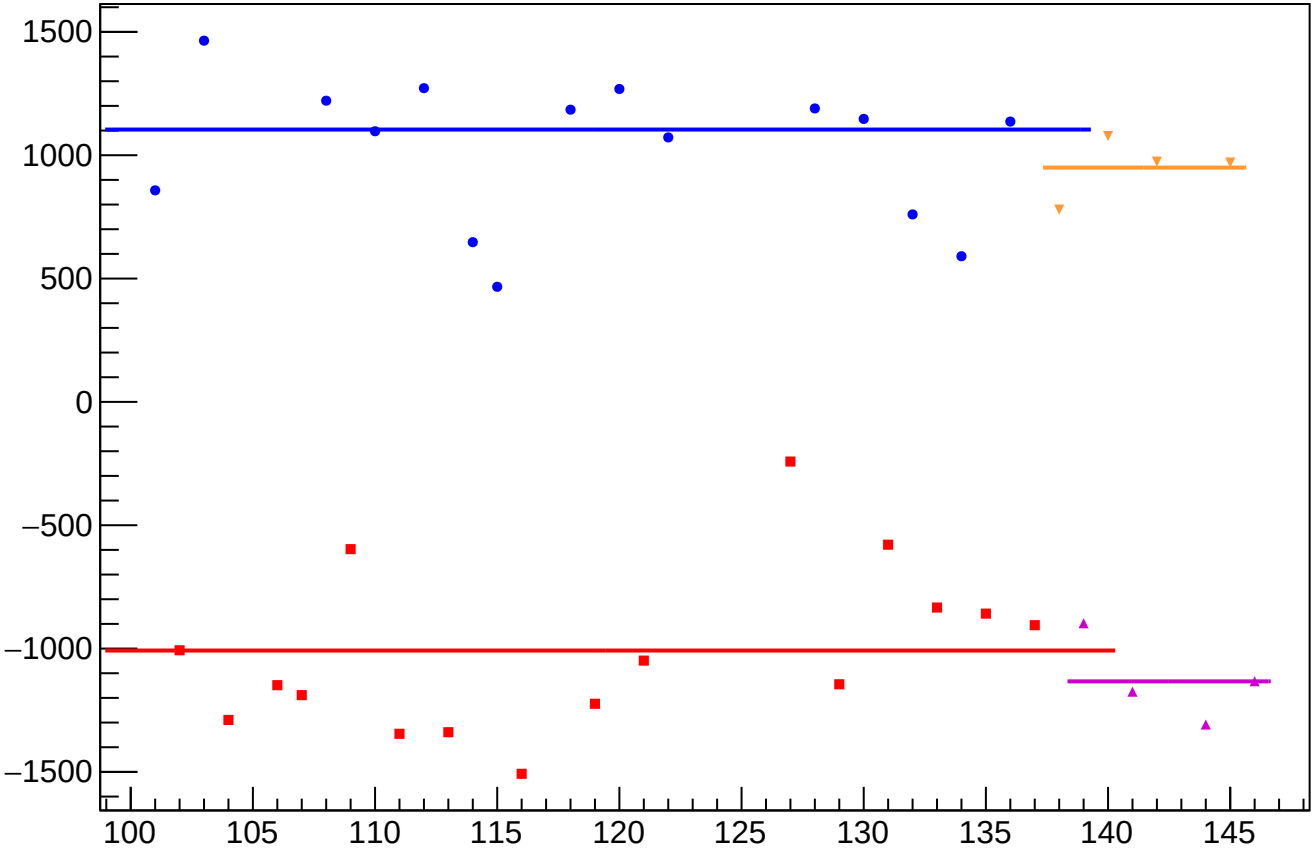
Right Out: -234.712+/-0.000 χ^2/NDF: 24013134107167214895189050481067425792.0/15

Out: -107.964+/-0.000 χ^2/NDF:601939146842300

Left In: -209.675+/-0.000 χ^2/NDF:14656761253374330468780993340977971 2.0/3

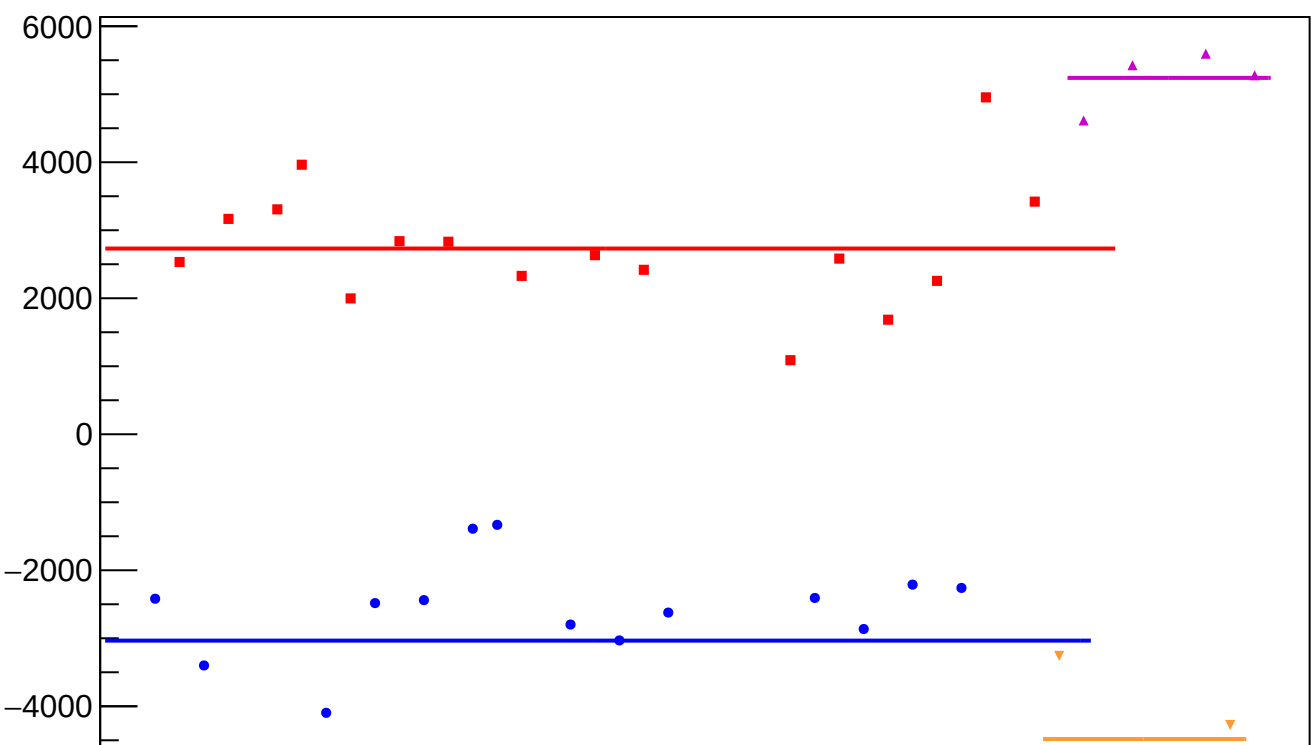
All: -18.110+/-0.000 χ^2/NDF: 135050946747

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



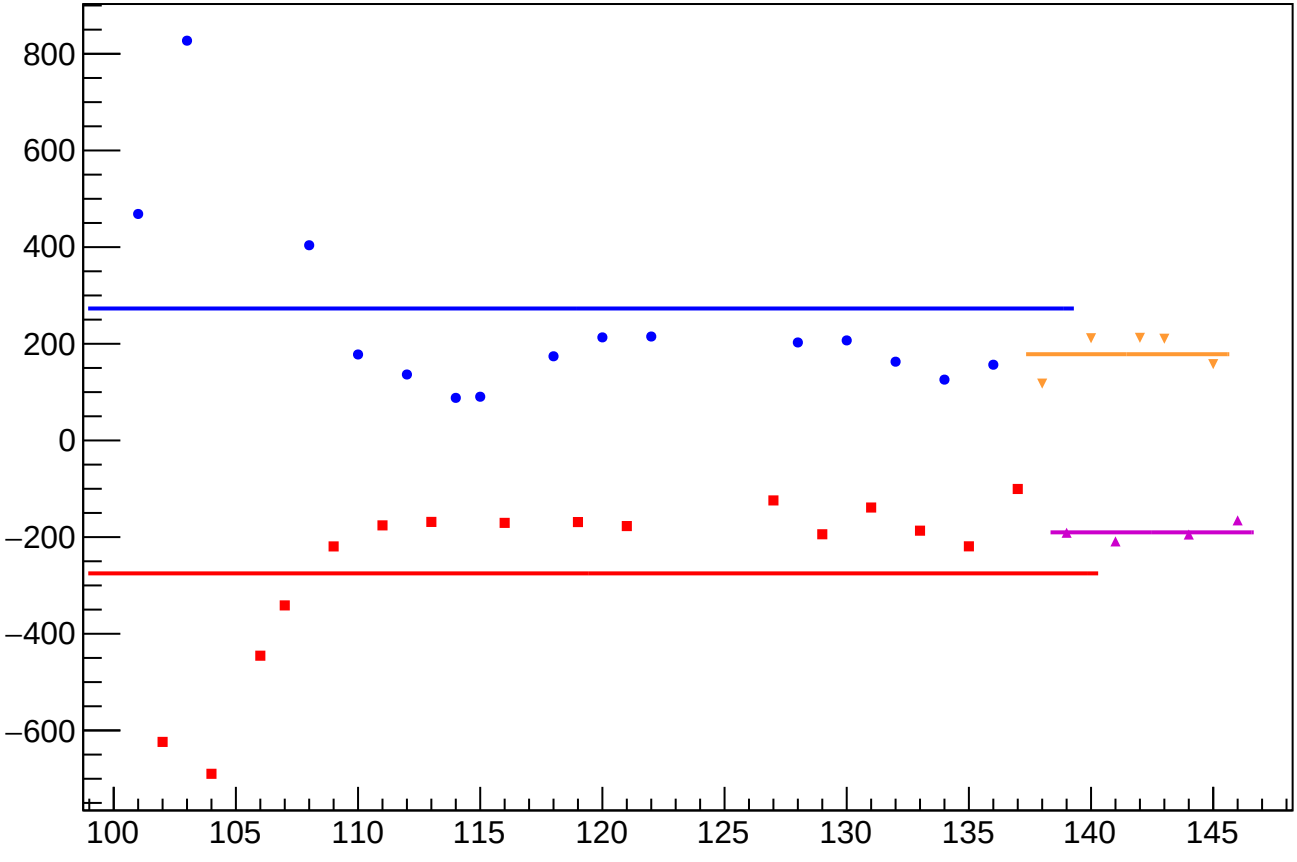
Left: -176.526+/-0.000 χ^2/NDF: 684386123776554
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 949.885+/-0.000 χ^2/NDF:367294053294839660716696725048682086 4.0/3
In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -418.927+/-0.000 χ^2/NDF:841866769151503
Left In: -1132.976+/-0.000 χ^2/NDF:736560644543287615880967371590991872 0.0/3
All: -34.021+/-0.000 χ^2/NDF: 227218956167

dit_usr_coil3_mean vs Slug, Sign Corrected



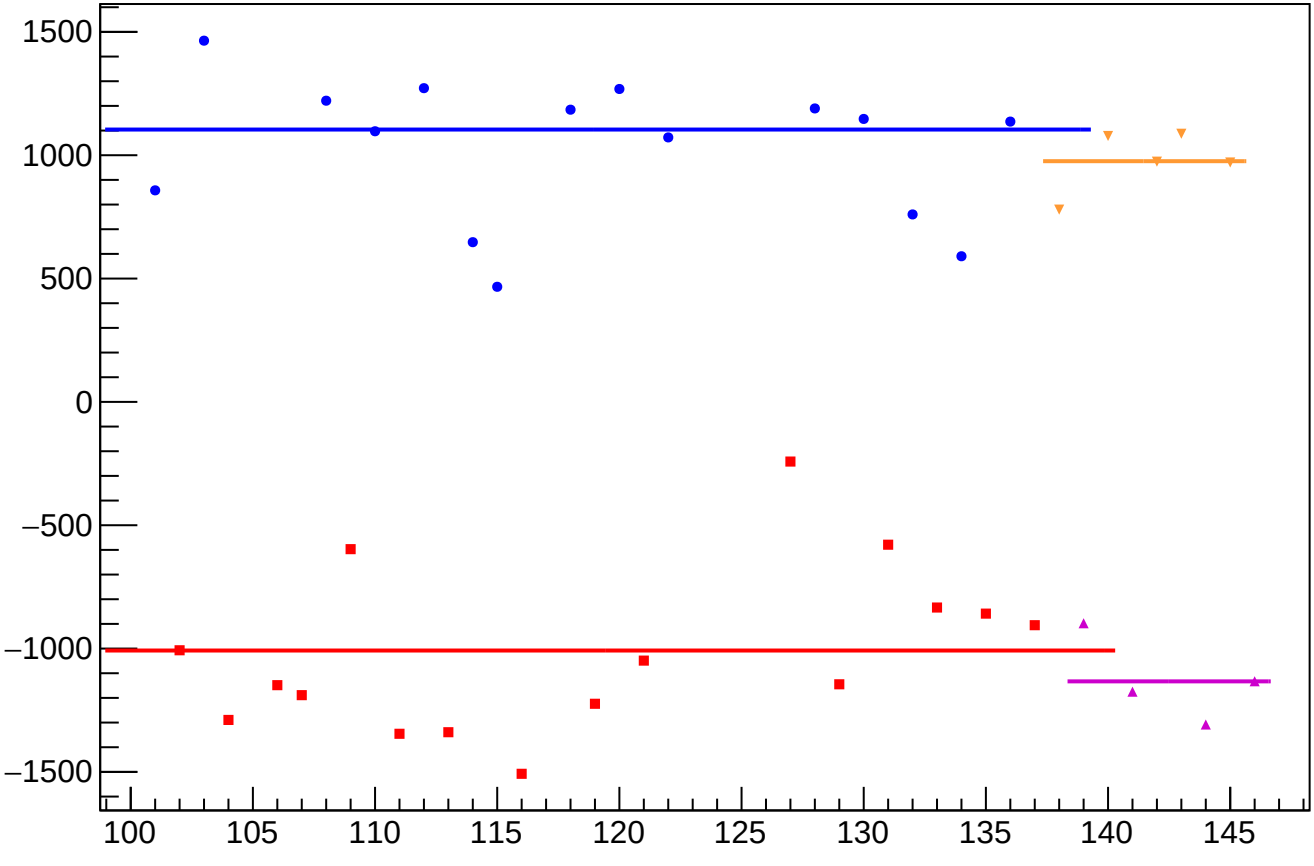
Left: 266.766+/-0.000 χ^2/NDF: 1657703286903634
Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14
Right: -112.316+/-0.000 χ^2/NDF: 12093460154256
Left Out: -4481.955+/-0.000 χ^2/NDF:1873957554970380199828741388853649080 32.0/4
In: -200.804+/-0.000 χ^2/NDF:1589487773426959
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15
Out: 230.155+/-0.000 χ^2/NDF:1274758047222543
Left In: 5240.279+/-0.000 χ^2/NDF:4609978523822477118229805094213674598 4.0/3
All: 18.324+/-0.000 χ^2/NDF: 2873566573922

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -1.594+/-0.000 χ^2/NDF: 2410865482506535
Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14
Right: -4.751+/-0.000 χ^2/NDF: 147561847604115
Left Out: 178.444+/-0.000 χ^2/NDF:5339953164419321843308657937471242 24.0/4
In: 114.417+/-0.000 χ^2/NDF:7425203761133685
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705 0112.0/15
Out: -117.811+/-0.000 χ^2/NDF:703578718406712
Left In: -190.154+/-0.000 χ^2/NDF:8271609016709732385604737730556723 2.0/3
All: -3.663+/-0.000 χ^2/NDF: 1716750225816

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

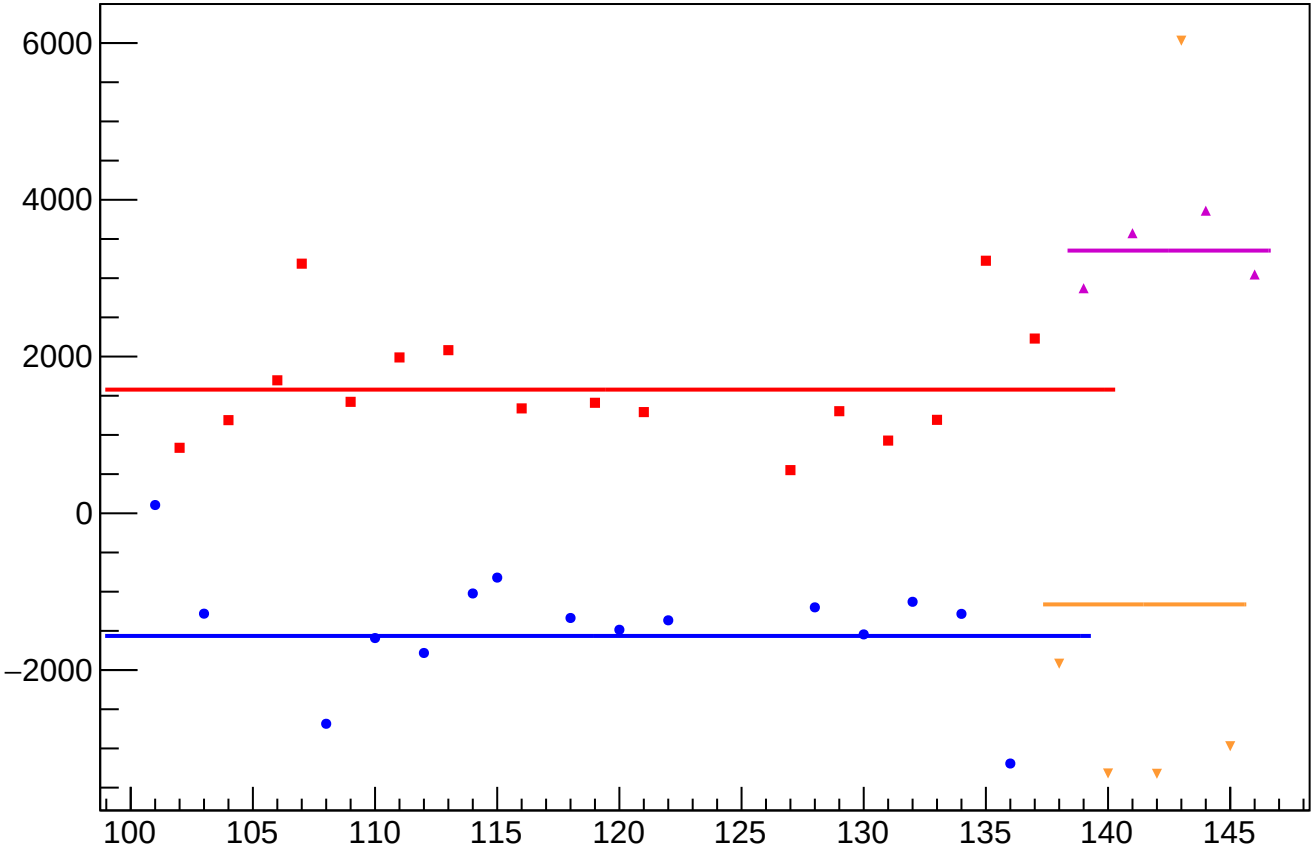
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_atl1_coil3_mean vs Slug, Sign Corrected



Left: 1042.700+/-0.000 χ^2/NDF: 794972786248455

Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14

Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694

Left Out: -1162.250+/-0.000 χ^2/NDF:4372446804700385567182062230985513107456.0/4

In: 119.111+/-0.000 χ^2/NDF:5910044590303072 5

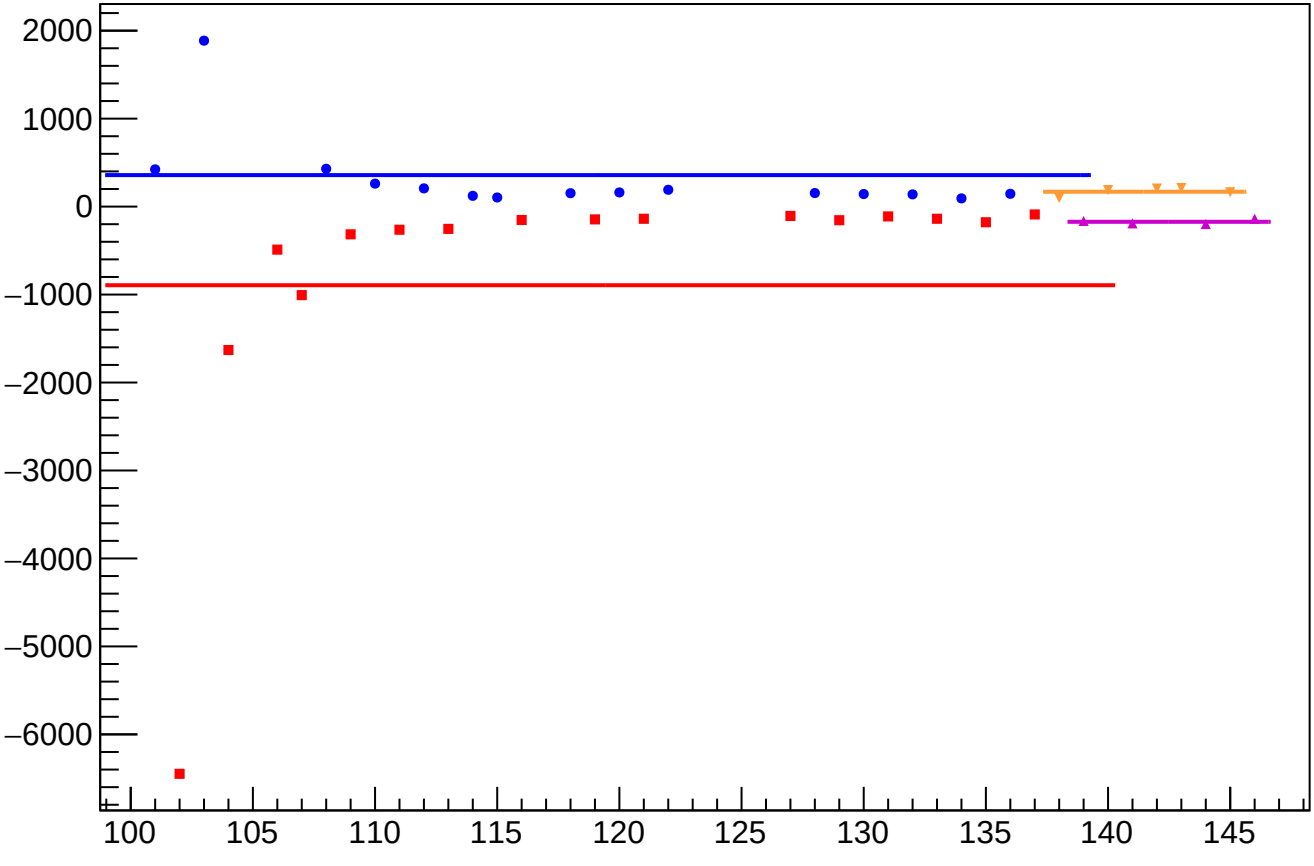
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15

Out: 628.020+/-0.000 χ^2/NDF:647765838068475 9

Left In: 3352.026+/-0.000 χ^2/NDF:5365301816959667719682301463678156800 0.0/3

All: 377.874+/-0.000 χ^2/NDF: 125176778374

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: 1.915+/-0.000 χ^2/NDF: 210050386401769133

Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14

Right: -276.471+/-0.000 χ^2/NDF: 27494361834519

Left Out: 168.855+/-0.000 χ^2/NDF:612492705254103471581970674825035776.0/4

In: 176.236+/-0.000 χ^2/NDF:2207850493066036

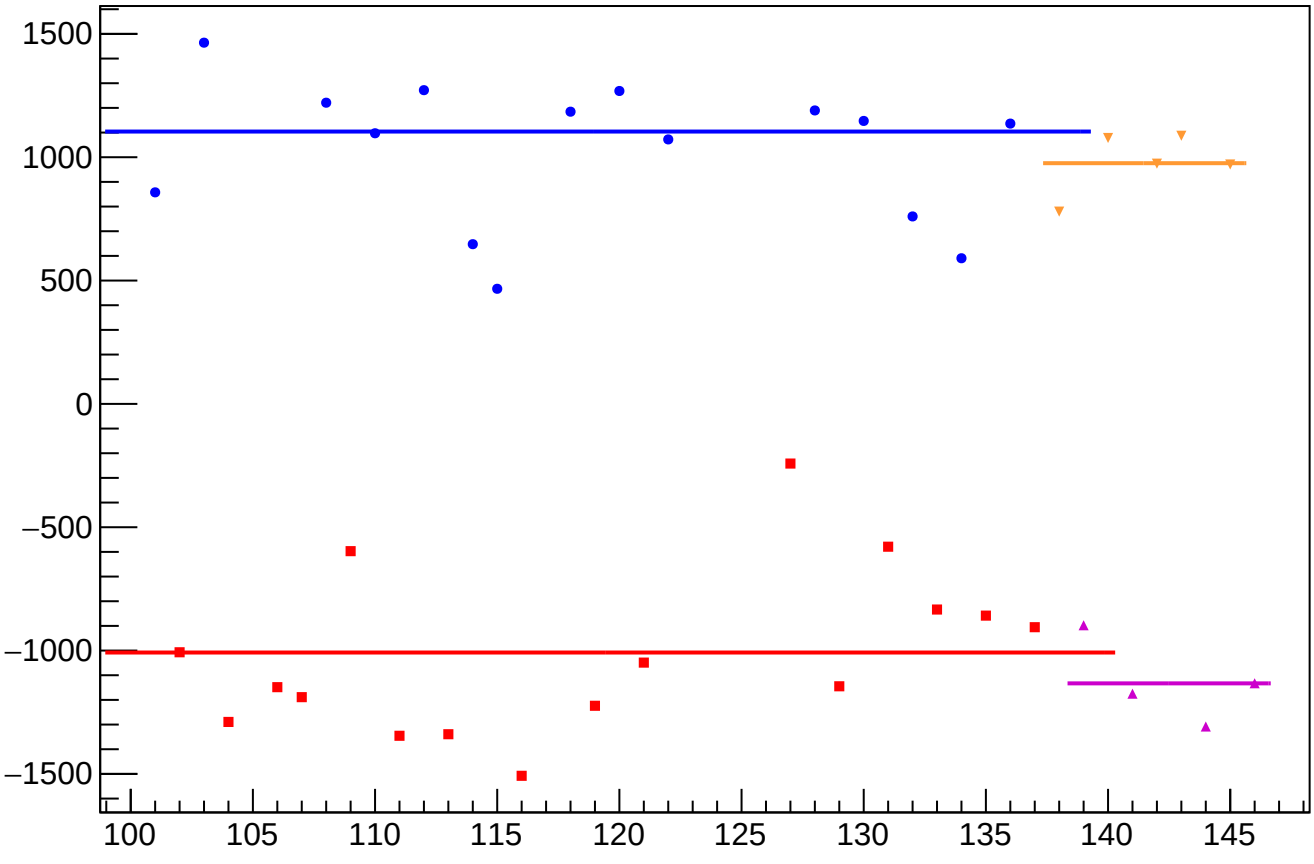
Right Out: -893.897+/-0.000 χ^2/NDF: 207592015577420104357269565679780390 5024.0/15

Out: -525.421+/-0.000 χ^2/NDF:233772888663637

Left In: -172.927+/-0.000 χ^2/NDF:194355057766580675769528393226256384.0/3

All: -180.533+/-0.000 χ^2/NDF: 28055885022

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

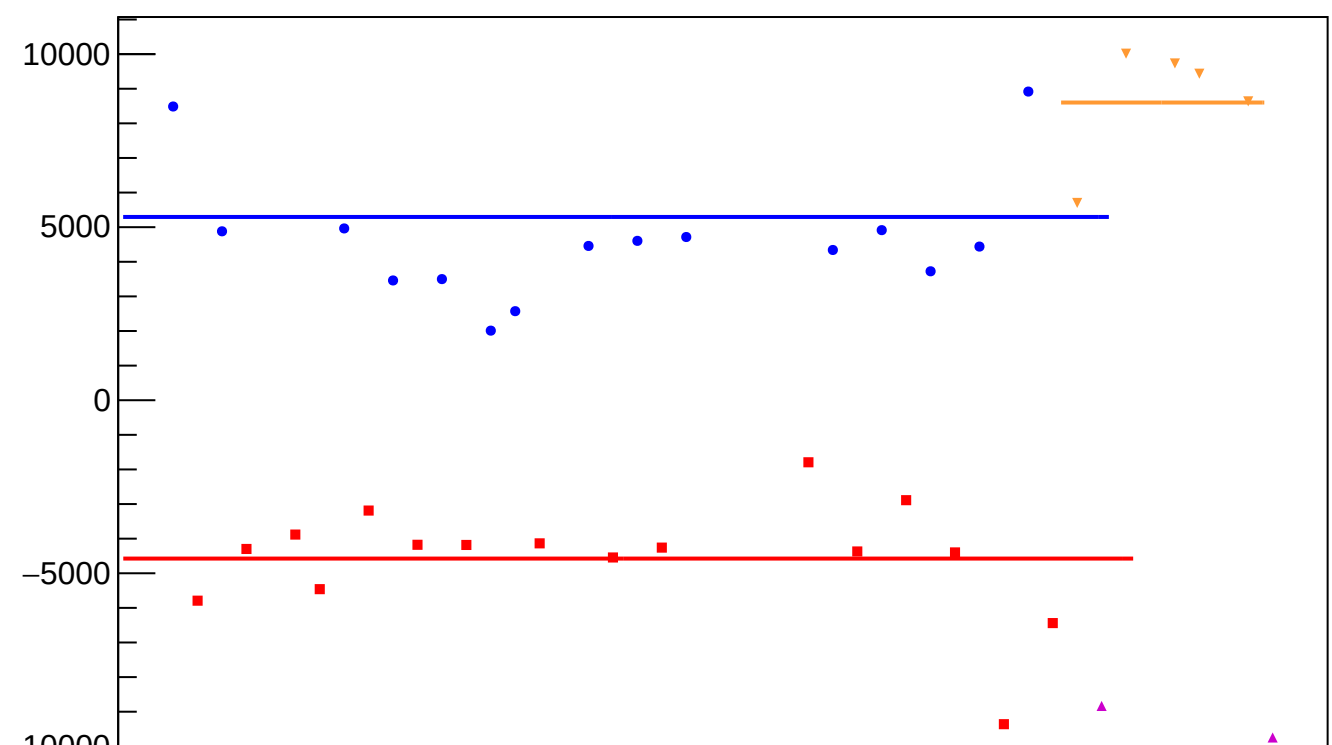
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -569.954+/-0.000 χ^2/NDF: 621762264882296

Right In: 5295.485+/-0.000 χ^2/NDF: 2505645232968263275444048016093183213568.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 8601.618+/-0.000 χ^2/NDF:9251201054368134224517905140687547924 48.0/4

In: -2.646+/-0.000 χ^2/NDF:559892104990227999

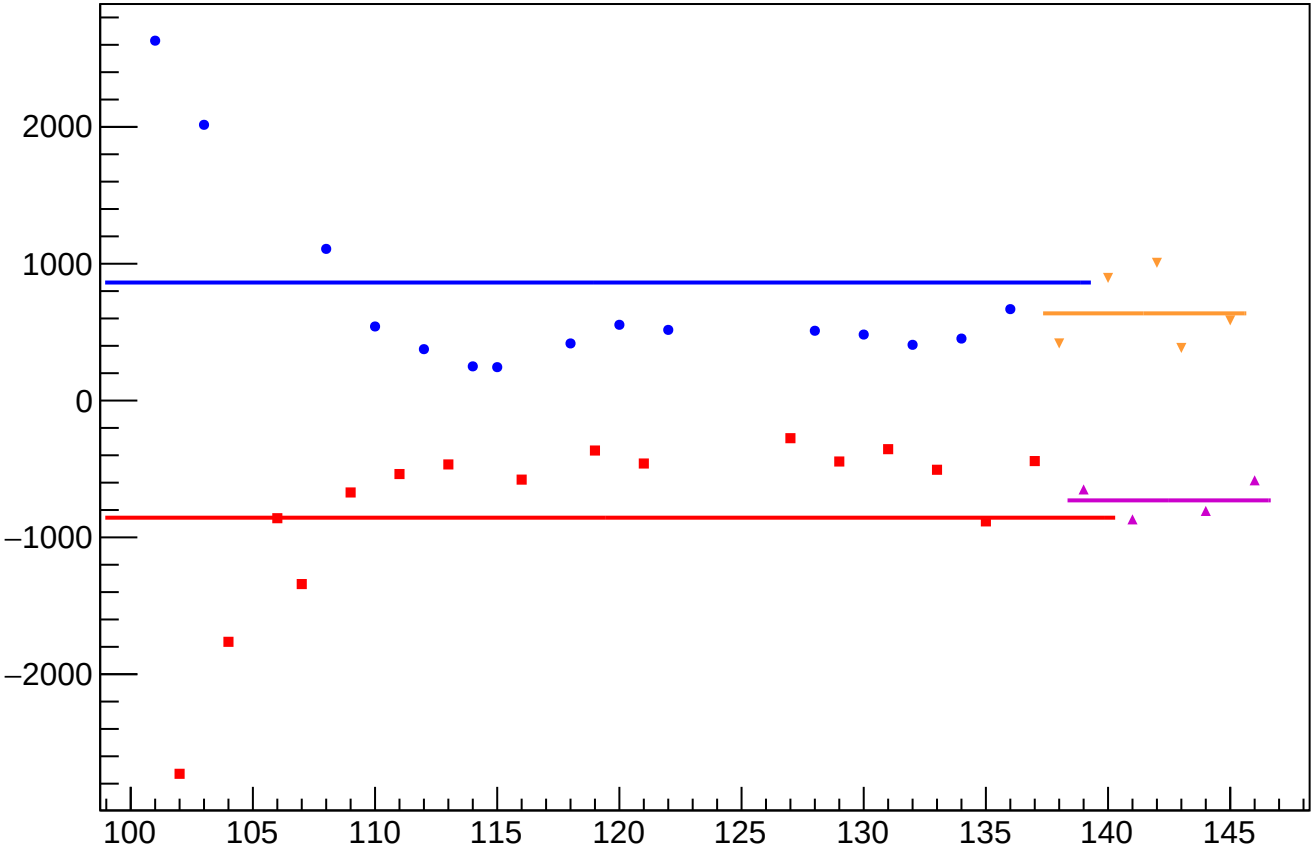
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691 0592.0/15

Out: -6.594+/-0.000 χ^2/NDF:42942466224710890

Left In: -10175.684+/-0.000 χ^2/NDF:286154796245747926365701998786207809536.0/3

All: -4.653+/-0.000 χ^2/NDF: 9893168454744

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

Left Out: 637.269+/-0.000 χ^2/NDF:2004201177702317358558626903455327846 4.0/4

Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

Left In: -729.565+/-0.000 χ^2/NDF:4470154009248531414871253202398871552.0/3

Left: -30.346+/-0.000 χ^2/NDF: 3475442940611787

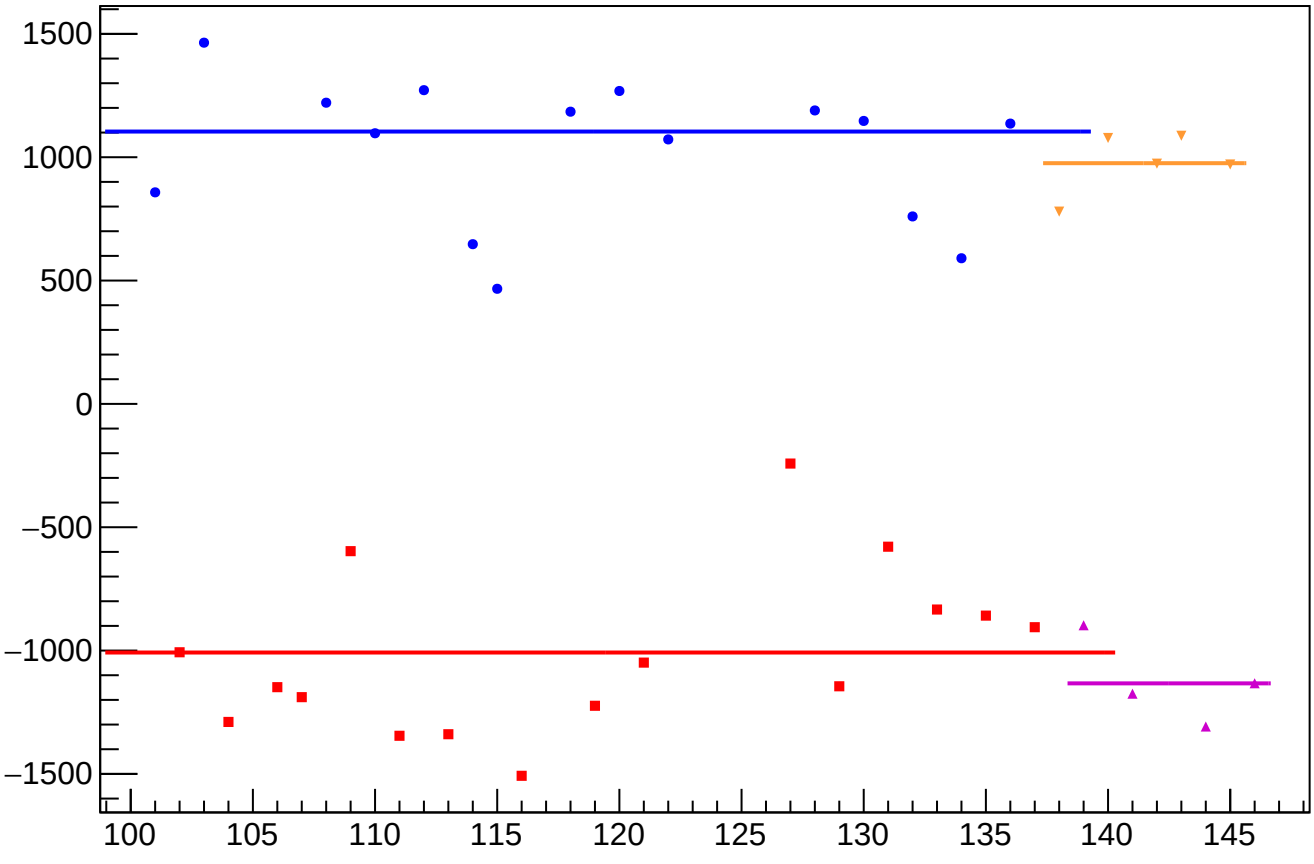
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894

In: 317.415+/-0.000 χ^2/NDF:9056174121385947

Out: -338.294+/-0.000 χ^2/NDF:862957179939380

All: -15.991+/-0.000 χ^2/NDF: 198434928269

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

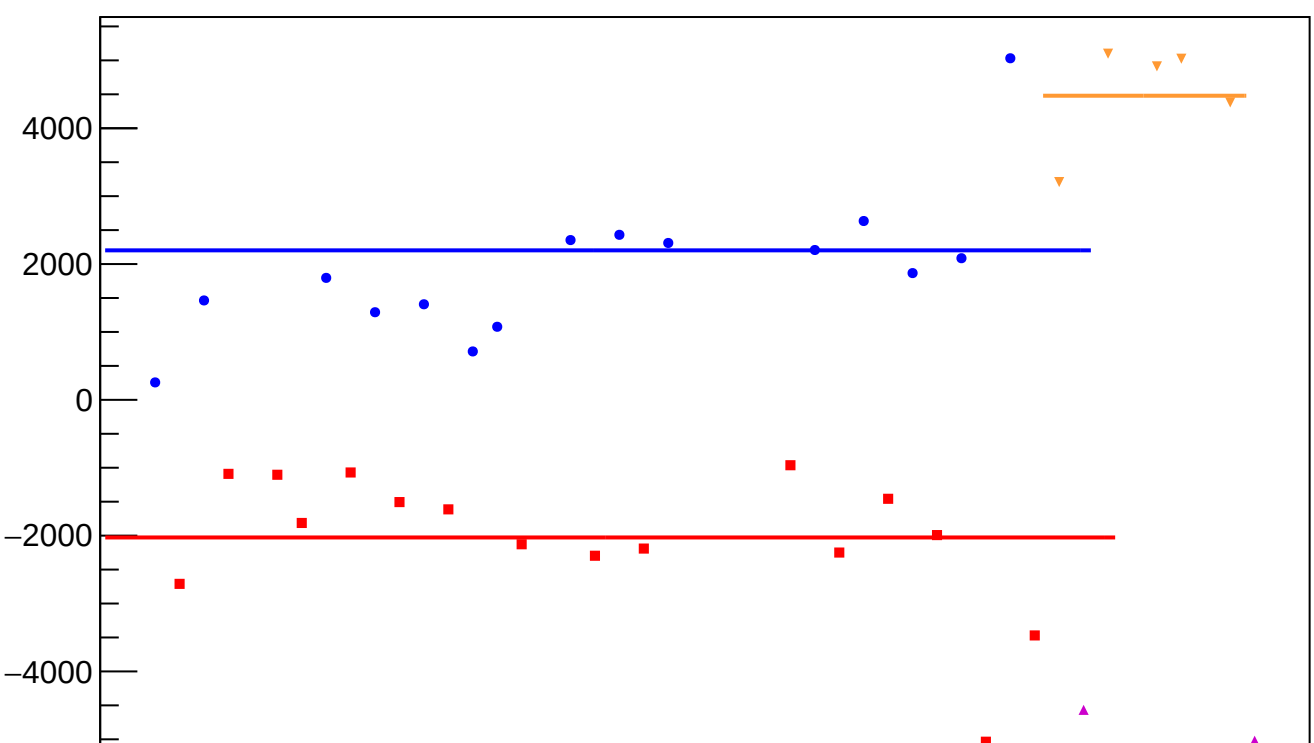
Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -239.588+/-0.000 χ^2/NDF: 163859248947697

Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

Right: 58.517+/-0.000 χ^2/NDF: 767753071120733

Left Out: 4479.305+/-0.000 χ^2/NDF:1868757291544021117190327456239714304 00.0/4

In: -326.720+/-0.000 χ^2/NDF:1326366836604326

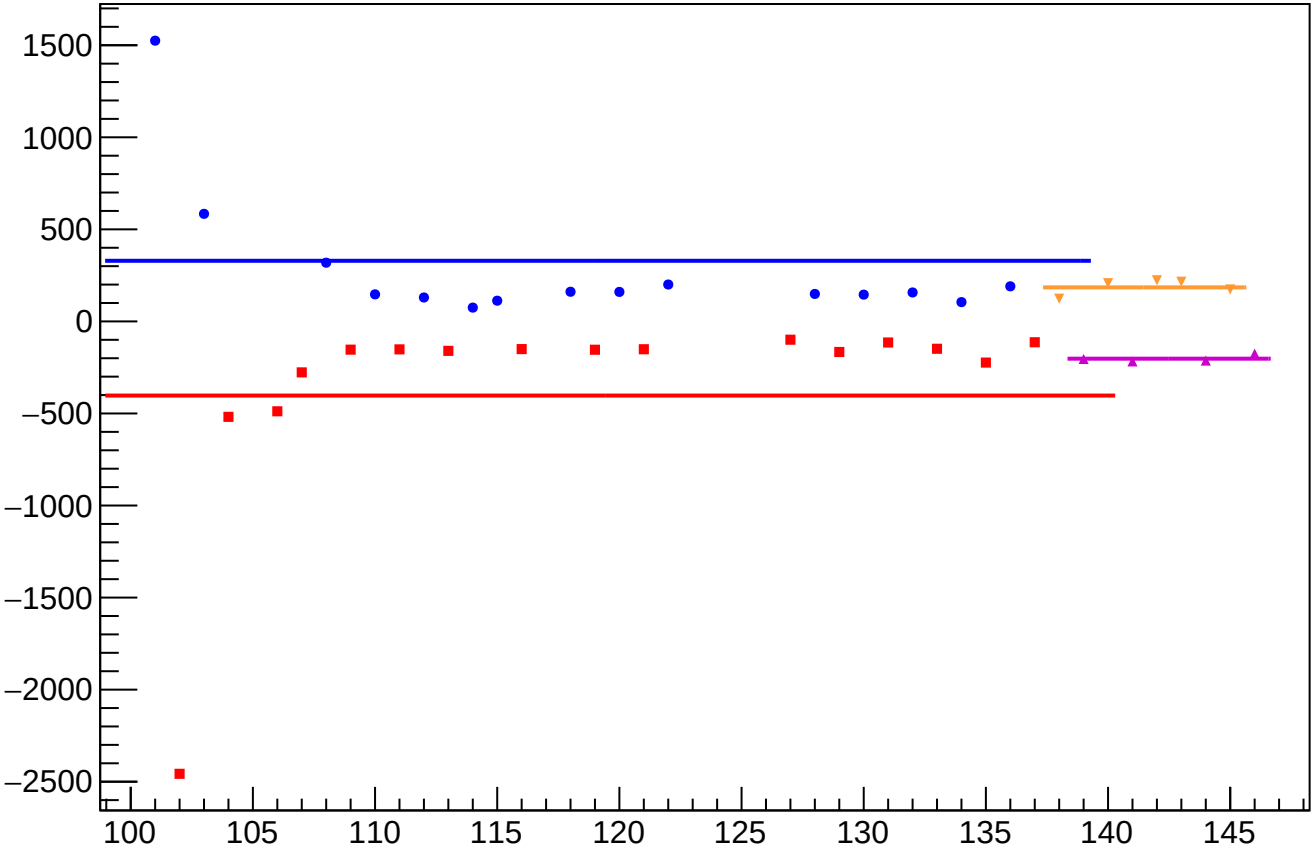
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

Out: 228.879+/-0.000 χ^2/NDF:106851722382743

Left In: -5181.860+/-0.000 χ^2/NDF:6018845553947450800672689646572719308 8.0/3

All: -44.216+/-0.000 χ^2/NDF: 241037584685

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.324+/-0.000 χ^2/NDF: 26504797931863281

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 184.848+/-0.000 χ^2/NDF:4780682310503155808720998956447825 92.0/4

In: 147.154+/-0.000 χ^2/NDF:1662023789726193

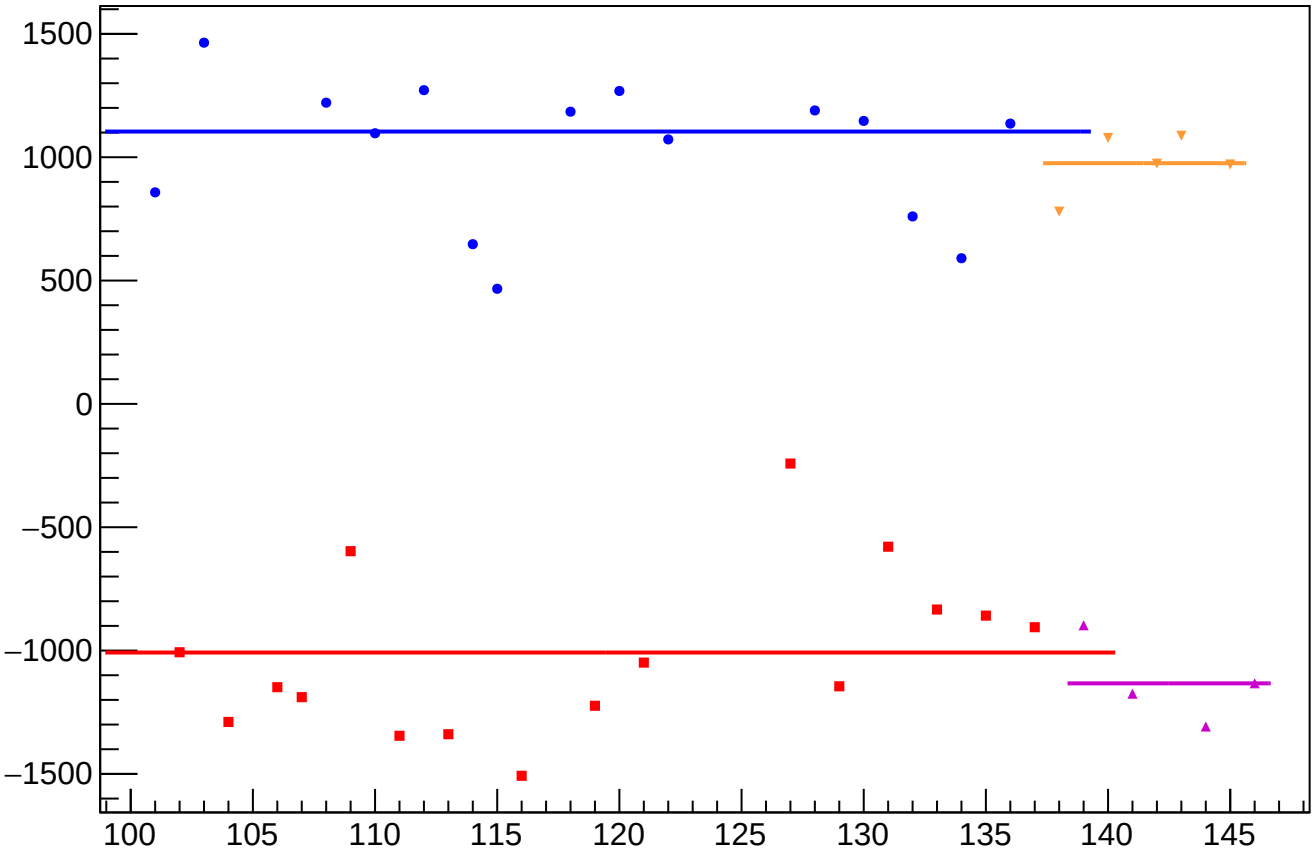
Right Out: -402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

Out: -198.980+/-0.000 χ^2/NDF:357945802115535

Left In: -202.451+/-0.000 χ^2/NDF:9055722742613190831459766348913049 6.0/3

All: -28.843+/-0.000 χ^2/NDF: 584274918699

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

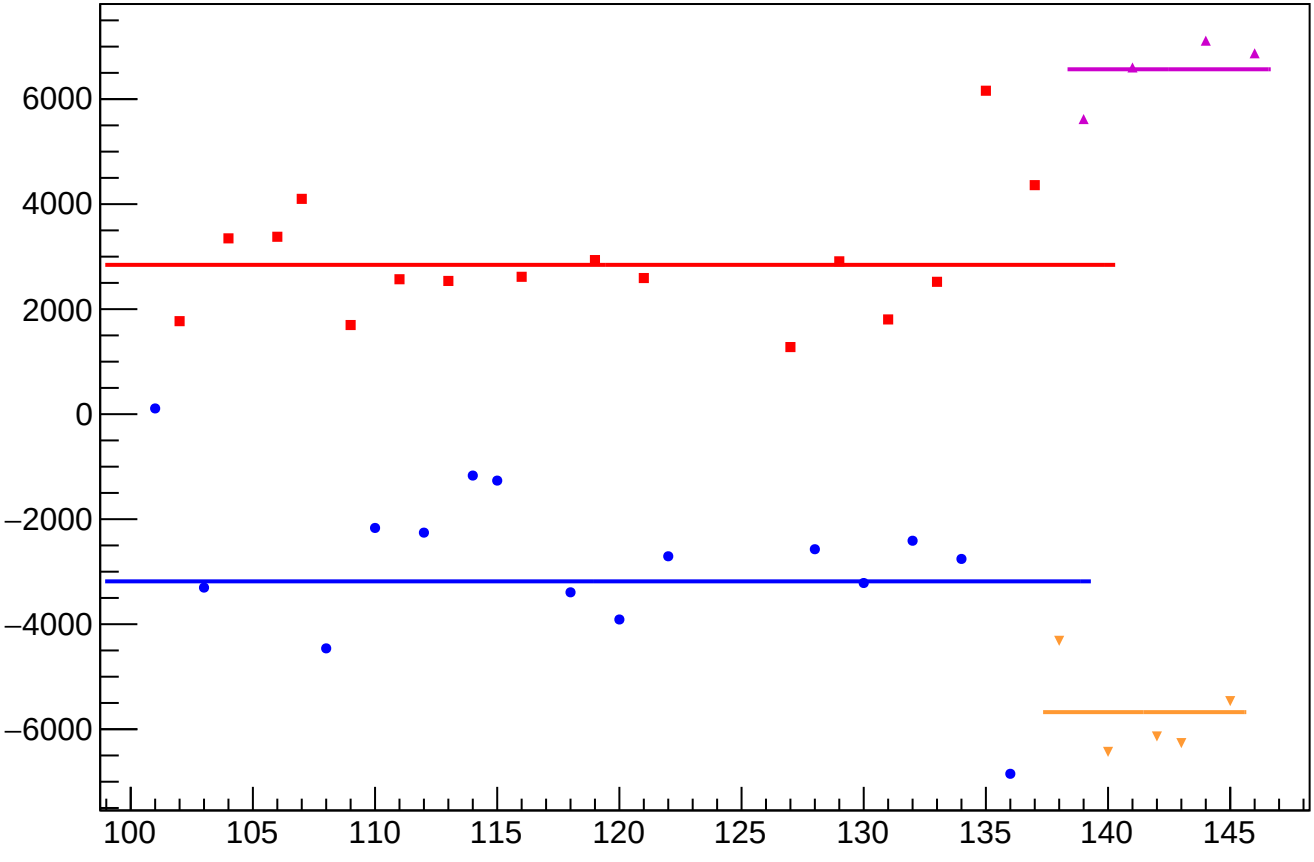
Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 305.251+/-0.000 χ^2/NDF: 2625146214764590

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -5674.660+/-0.000 χ^2/NDF:227607695980143022391418223279669772288.0/4

In: 155.718+/-0.000 χ^2/NDF:23379071358967879

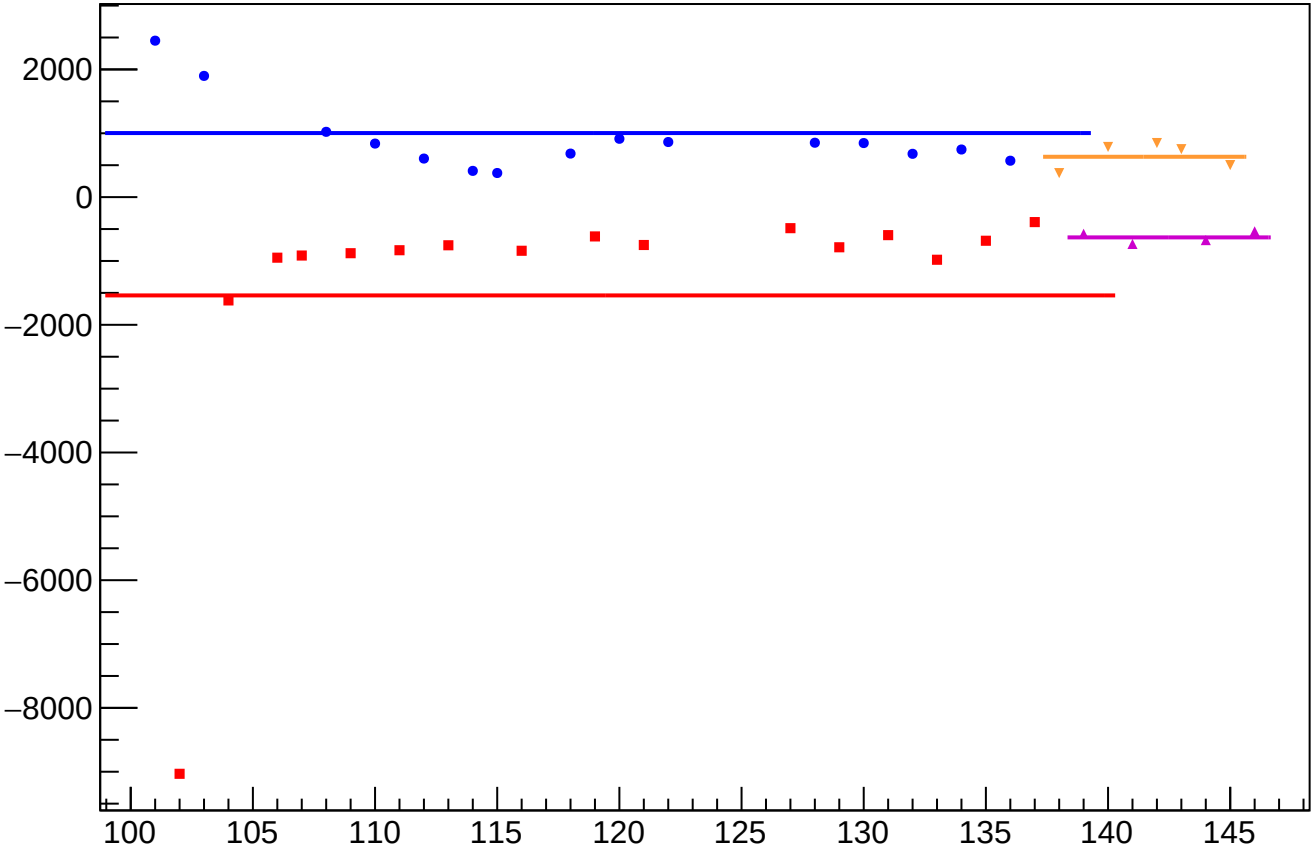
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -109.844+/-0.000 χ^2/NDF:179551799961789

Left In: 6568.235+/-0.000 χ^2/NDF:1070139016029562124427541711770657751 04.0/3

All: 20.689+/-0.000 χ^2/NDF: 4136964387817

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: 15.231+/-0.000 χ^2/NDF: 28928563889138058

Right In: 1003.407+/-0.000 χ^2/NDF: 21981525729481119881106461982219619532 8.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 632.006+/-0.000 χ^2/NDF:1150718809990637845220776544901582028 8.0/4

In: 443.790+/-0.000 χ^2/NDF:8153960586837384 2

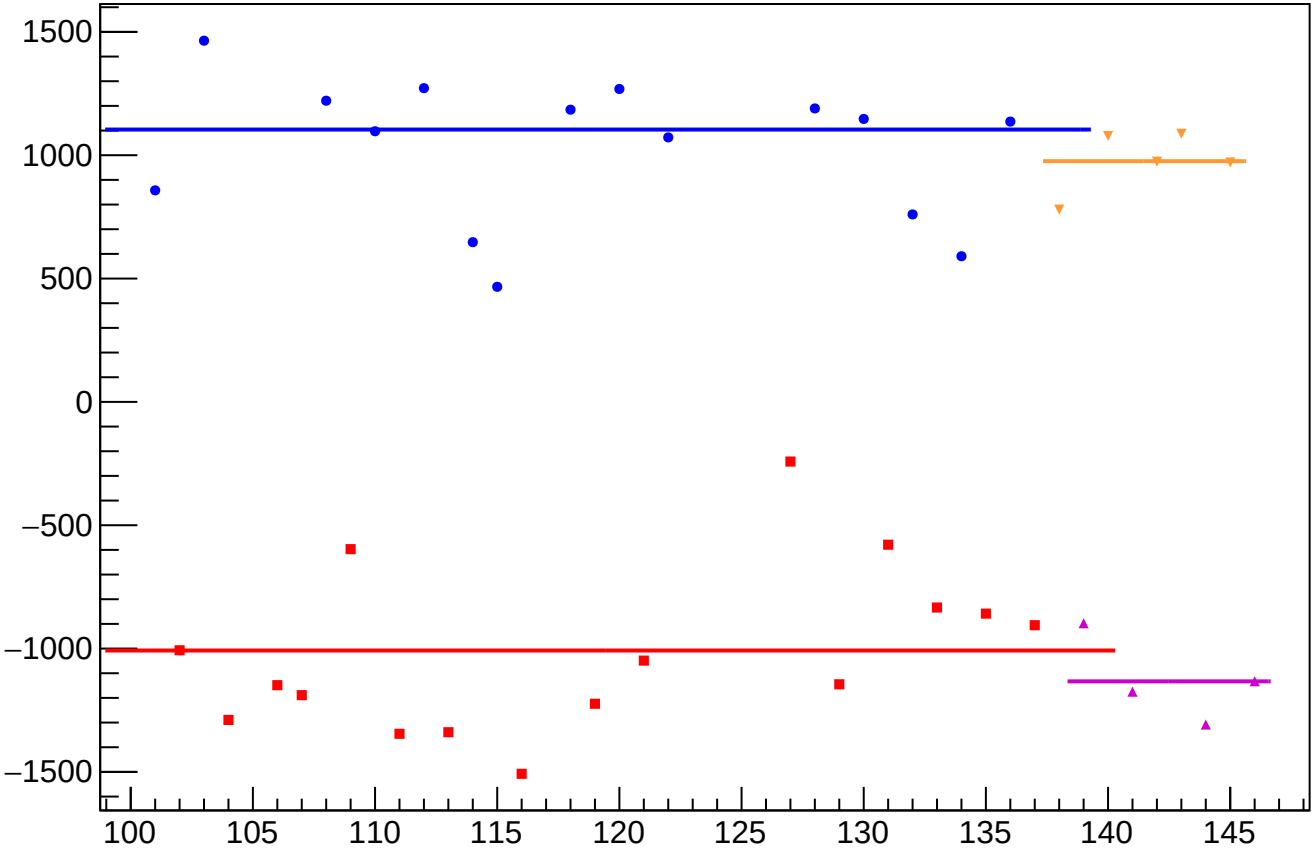
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -786.642+/-0.000 χ^2/NDF:471684942663731

Left In: -630.741+/-0.000 χ^2/NDF:2072186715526836780327332255335710720.0/3

All: -181.843+/-0.000 χ^2/NDF: 62920369169

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

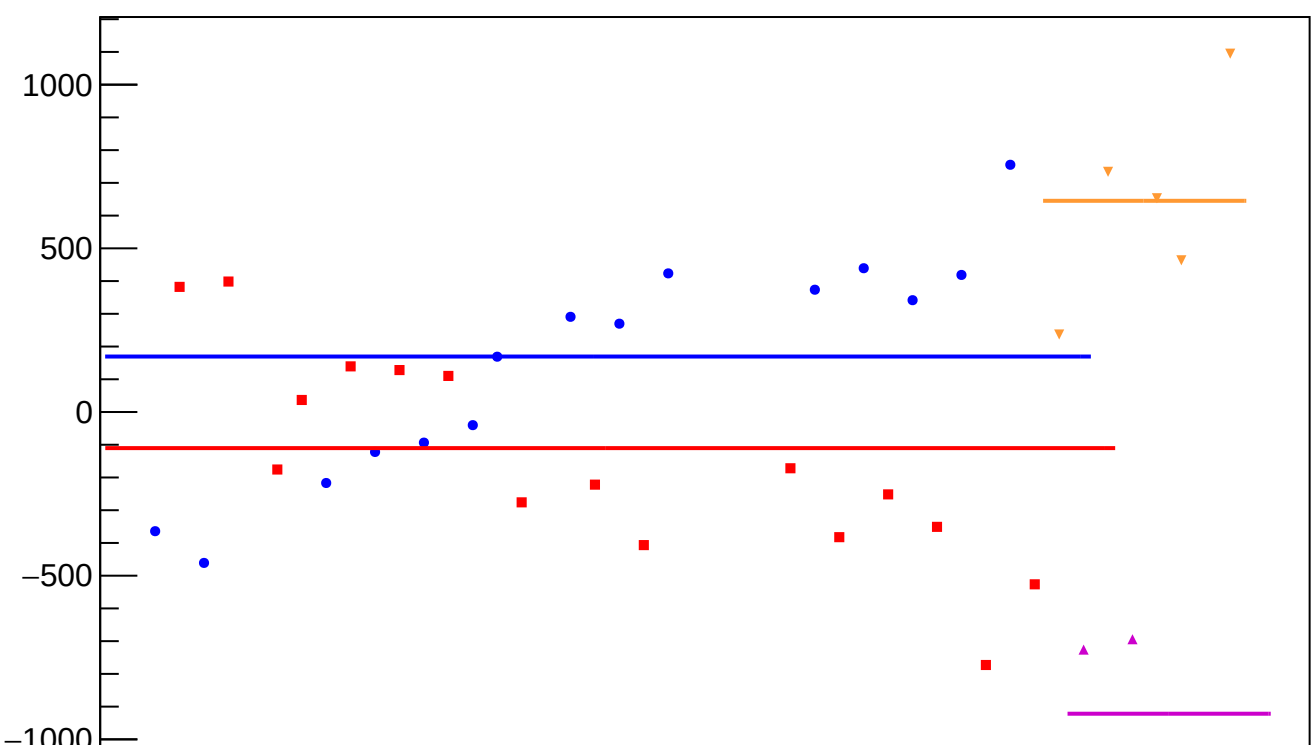
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -120.121+/-0.000 χ^2/NDF: 471531460677228

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: 645.214+/-0.000 χ^2/NDF:322324081846017445053022277092266475 52.0/4

In: -204.186+/-0.000 χ^2/NDF:374843172127395 0

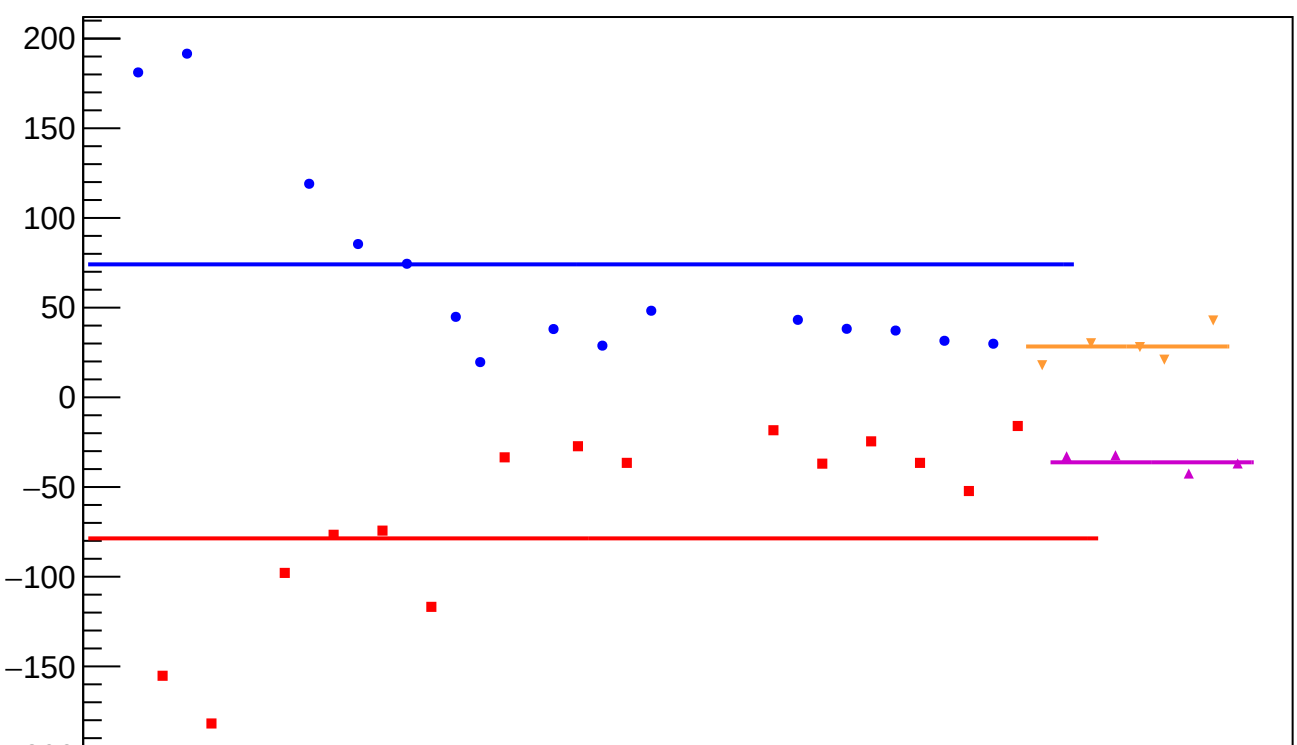
Right Out: -110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

Out: 151.658+/-0.000 χ^2/NDF:236003596356479 1

Left In: -921.685+/-0.000 χ^2/NDF:147811803542922809401337792909237288 96.0/3

All: -23.251+/-0.000 χ^2/NDF: 674394225711

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -3.193+/-0.000 χ^2/NDF: 7562067398129567 6

Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 28.346+/-0.000 χ^2/NDF:2947340128885289946548912018318950 4.0/4

In: 36.337+/-0.000 χ^2/NDF:4880771560952420 23

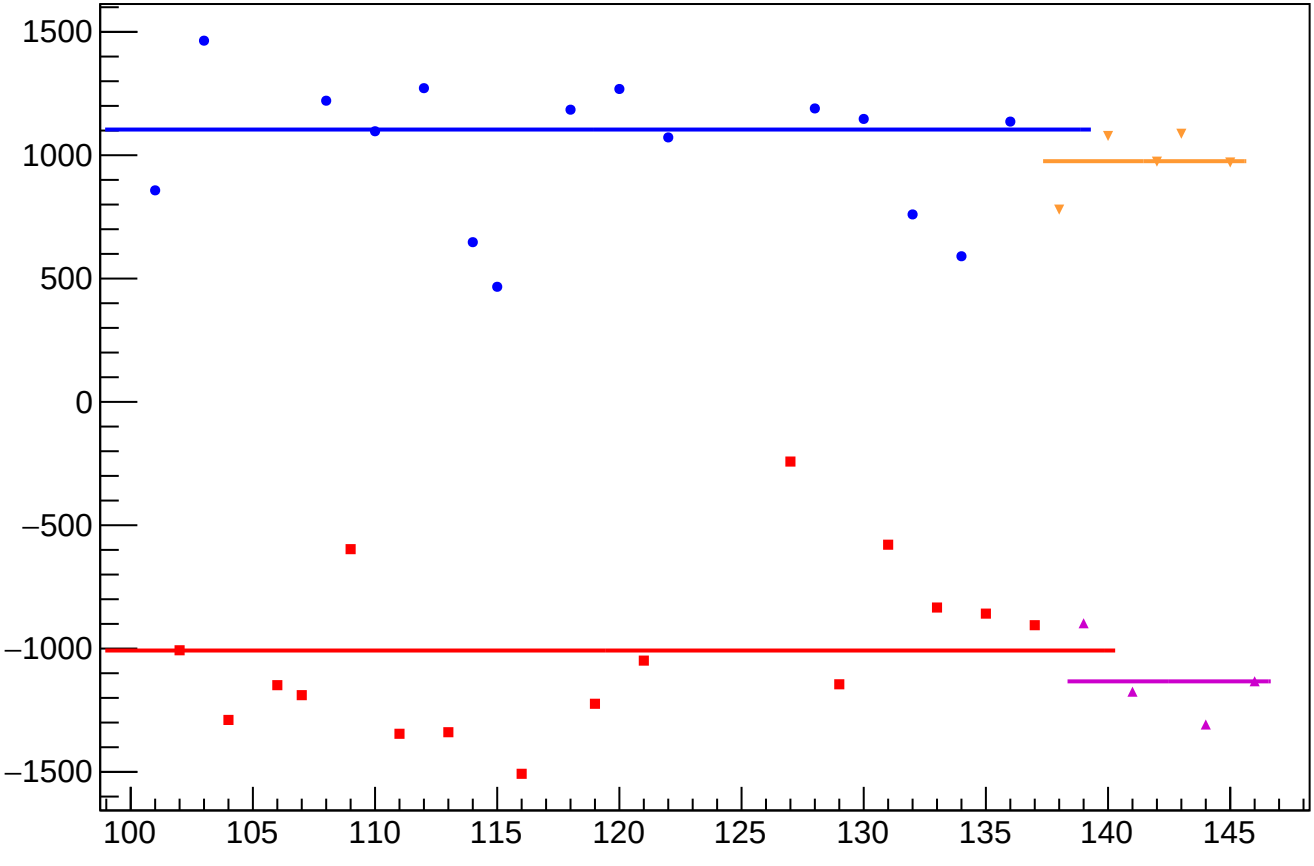
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -41.541+/-0.000 χ^2/NDF:5019394880078630

Left In: -36.226+/-0.000 χ^2/NDF:5770904502383344723514640927031296.0/3

All: -3.261+/-0.000 χ^2/NDF: 1294395630728

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

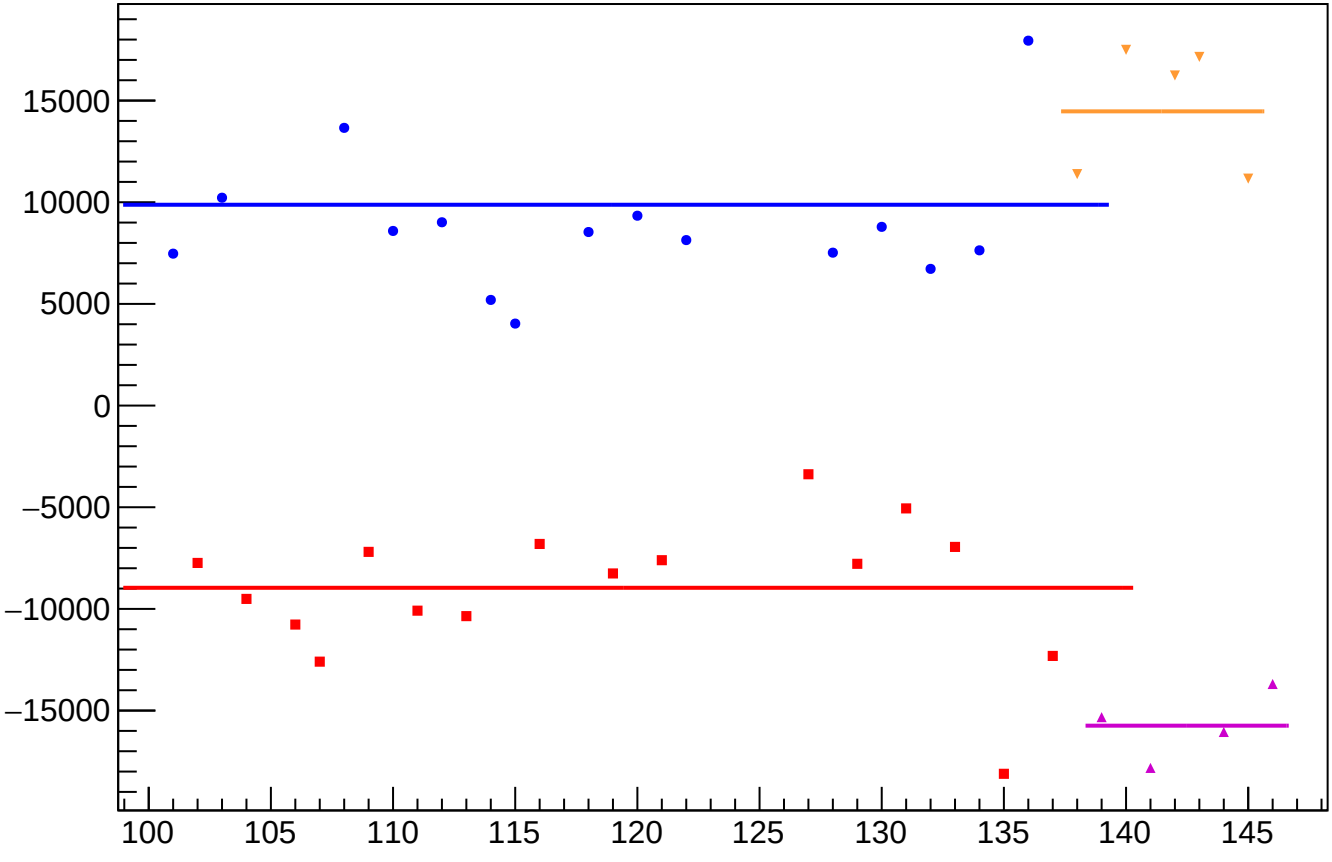
Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

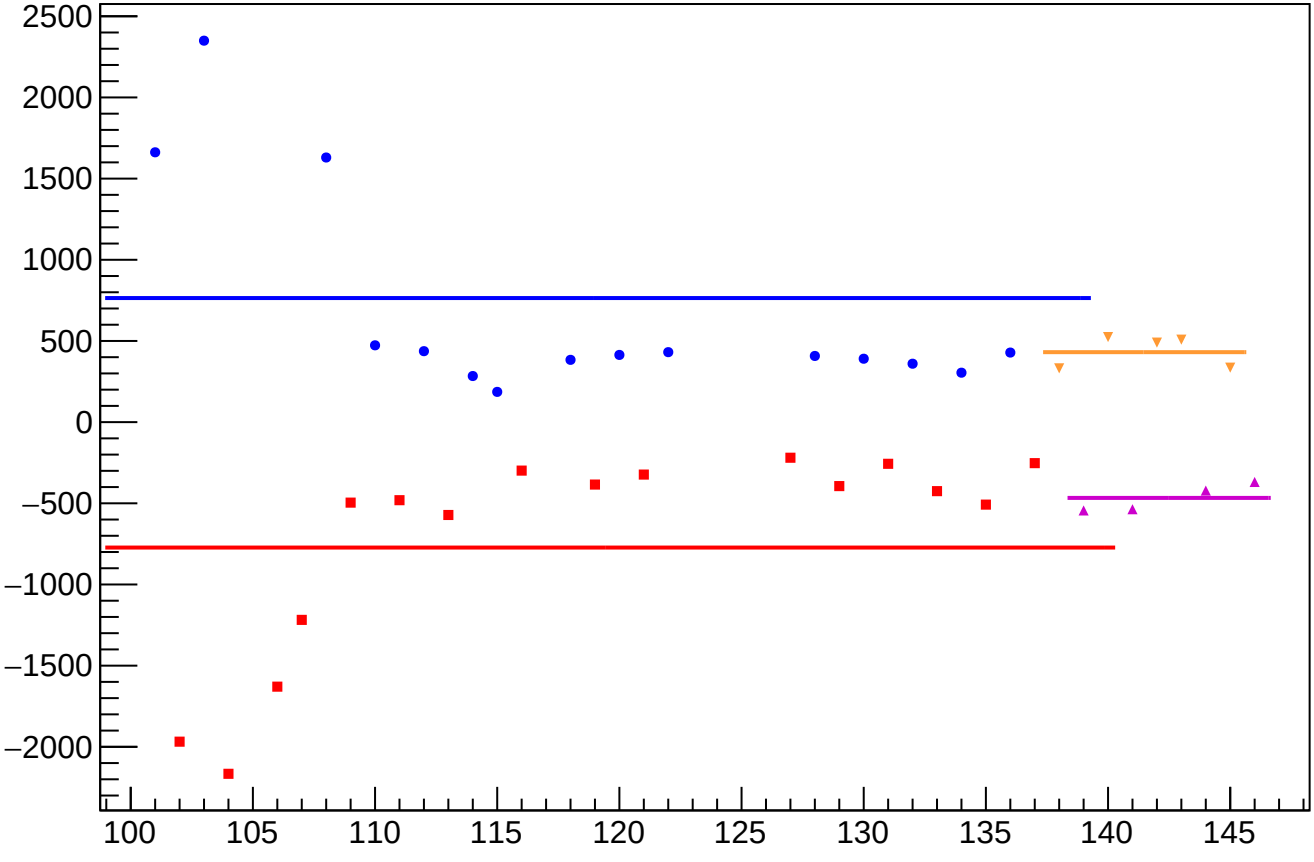
All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -287.243+/-0.000 χ^2/NDF: 161570785229868
Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14
Right: 328.637+/-0.000 χ^2/NDF: 132799081917308
Left Out: 14469.705+/-0.000 χ^2/NDF:300407925160473543153546691855630571929 6.0/4
In: 1103.162+/-0.000 χ^2/NDF:155095460611831 3
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15
Out: -837.519+/-0.000 χ^2/NDF:137556319132460
Left In: -15742.744+/-0.000 χ^2/NDF:7381030143958386274811424934330745487 36.0/3
All: 116.392+/-0.000 χ^2/NDF: 29454189133 3

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.500+/-0.000 χ^2/NDF: 14400469053451589

Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

Right: -14.642+/-0.000 χ^2/NDF: 135377066004634

Left Out: 430.983+/-0.000 χ^2/NDF:2778819163872099469134076880418242560.0/4

In: 342.718+/-0.000 χ^2/NDF:6296473289869775 3

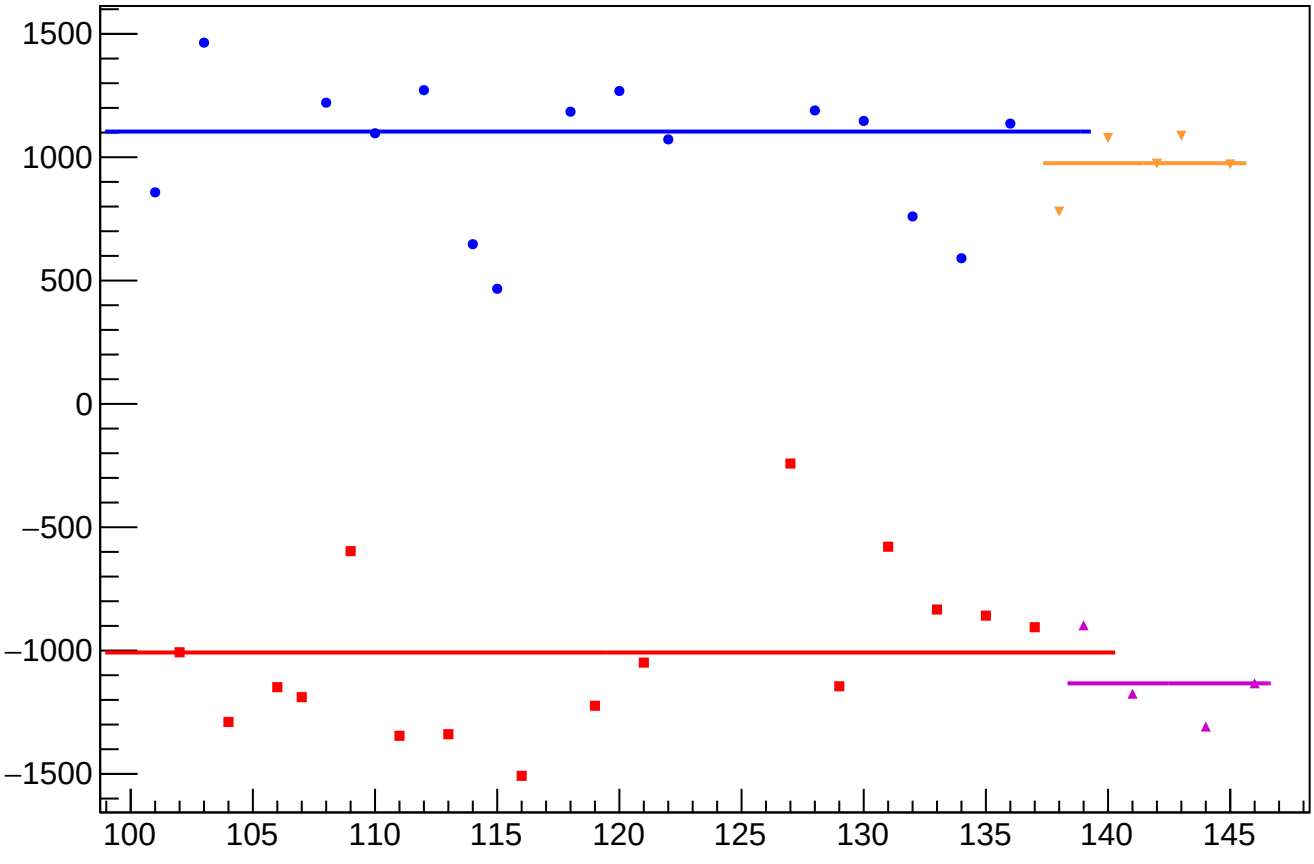
Right Out: -772.547+/-0.000 χ^2/NDF: 2859021389046424012786255876318916771 84.0/15

Out: -355.261+/-0.000 χ^2/NDF:623659759774470

Left In: -466.739+/-0.000 χ^2/NDF:1878932486395222040428149698715451392.0/3

All: -12.181+/-0.000 χ^2/NDF: 149779848380

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

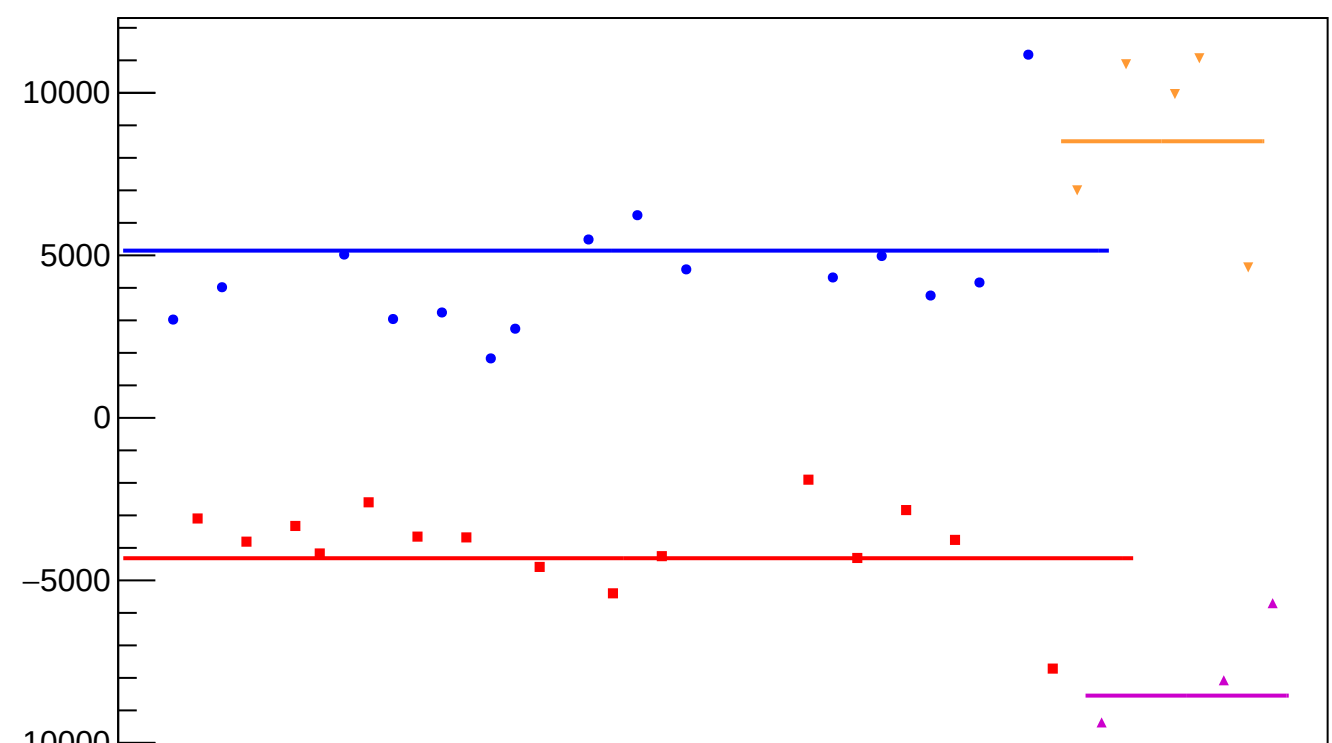
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: 179.746+/-0.000 χ^2/NDF: 5395998744794131

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 8510.286+/-0.000 χ^2/NDF:2392046314410602008351692532380361293824.0/4

In: 457.218+/-0.000 χ^2/NDF:4720248185527512

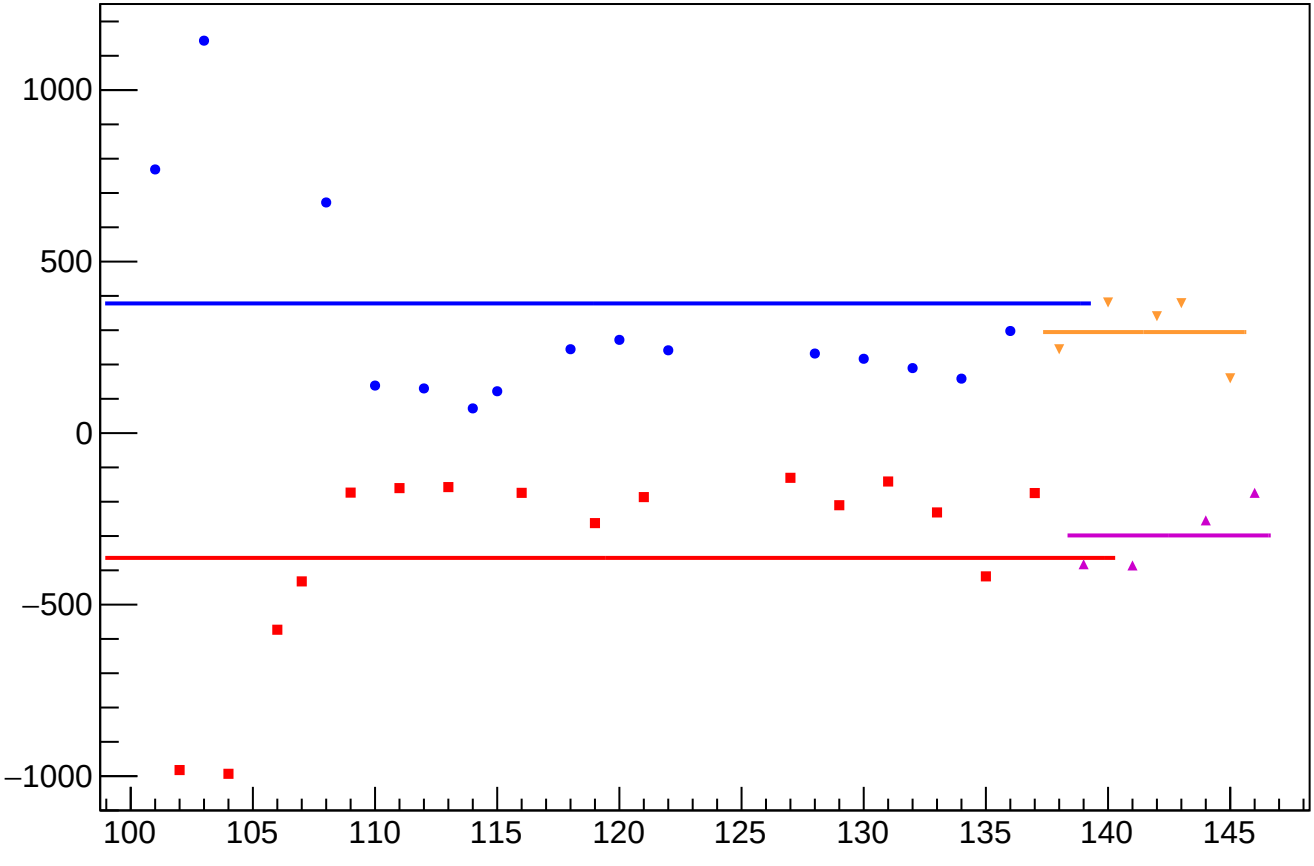
Right Out: -4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

Out: 129.727+/-0.000 χ^2/NDF:437955017955669

Left In: -8545.139+/-0.000 χ^2/NDF:1271305587460965328954581492467339624448.0/3

All: 290.700+/-0.000 χ^2/NDF: 91051808109

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: 4.993+/-0.000 χ^2/NDF: 66306340811852631

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 294.587+/-0.000 χ^2/NDF:285076372851672181440484435919949 0048.0/4

In: 146.431+/-0.000 χ^2/NDF:1658628584023159 0

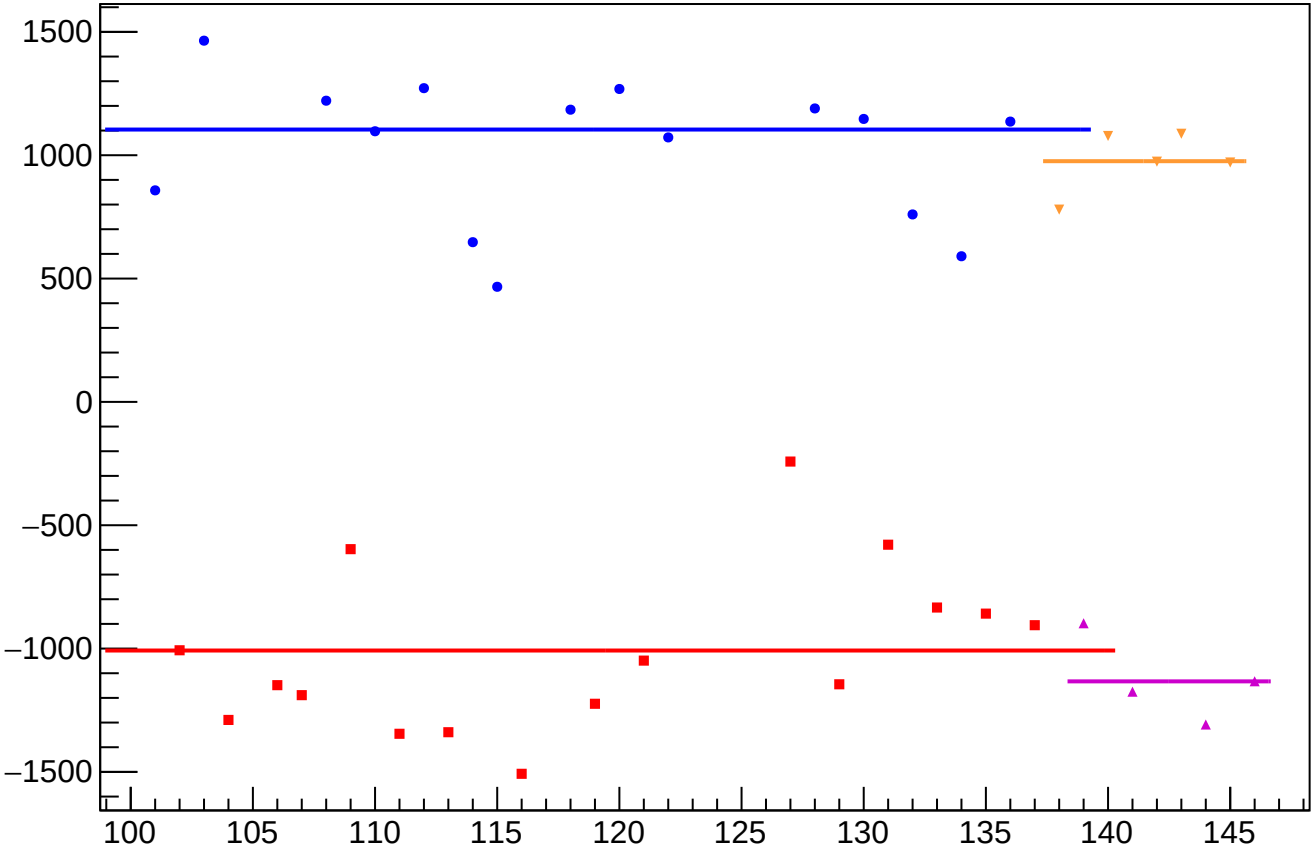
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: -135.507+/-0.000 χ^2/NDF:162119282383118

Left In: -298.309+/-0.000 χ^2/NDF:267416070974747812824809795820401 4592.0/3

All: 3.075+/-0.000 χ^2/NDF: 36787410265241

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

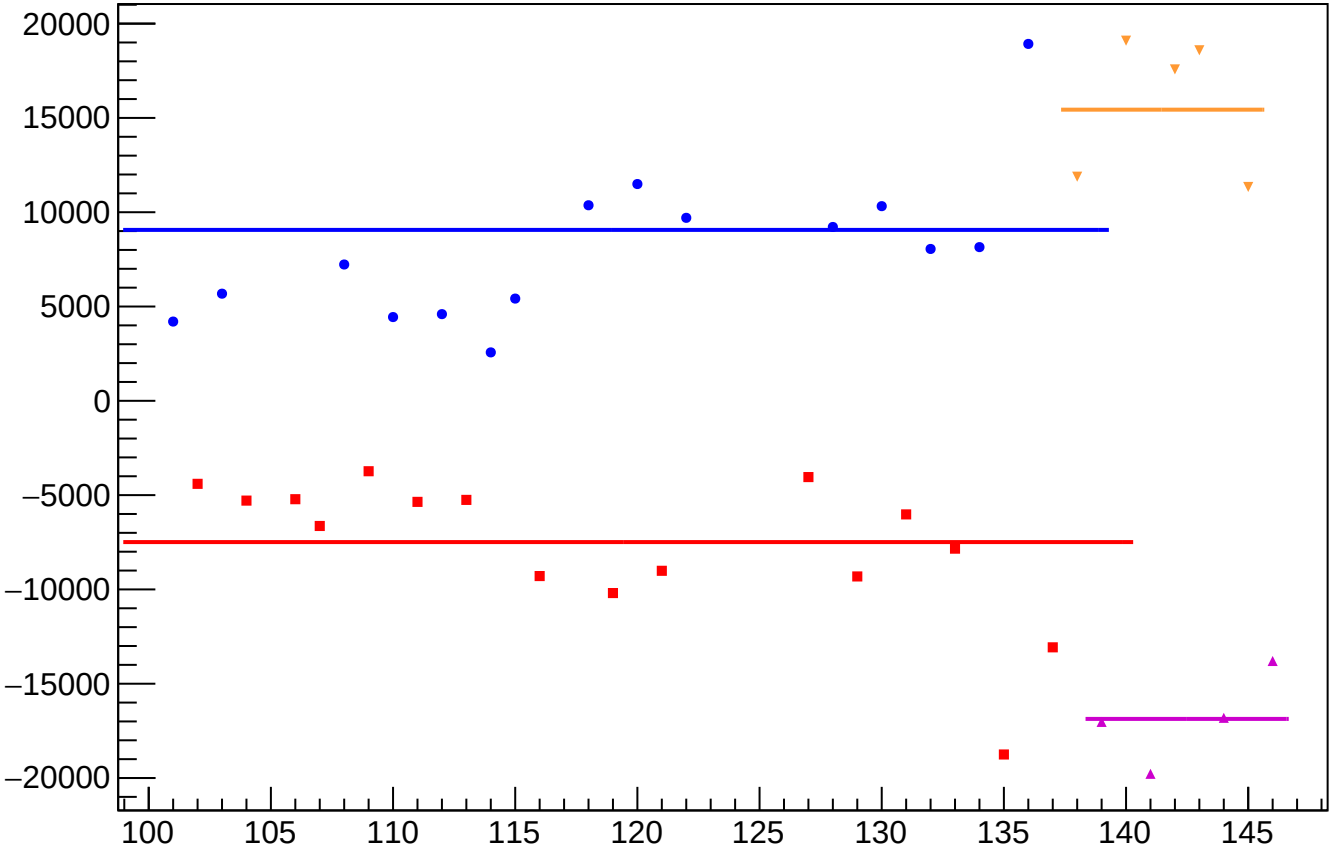
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -340.586+/-0.000 χ^2/NDF: 186255763558789

Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

Right: 673.078+/-0.000 χ^2/NDF: 113857439938422

Left Out: 15437.787+/-0.000 χ^2/NDF:4316826968657518194709744076444577824768.0/4

In: 183.421+/-0.000 χ^2/NDF:16454404957961477

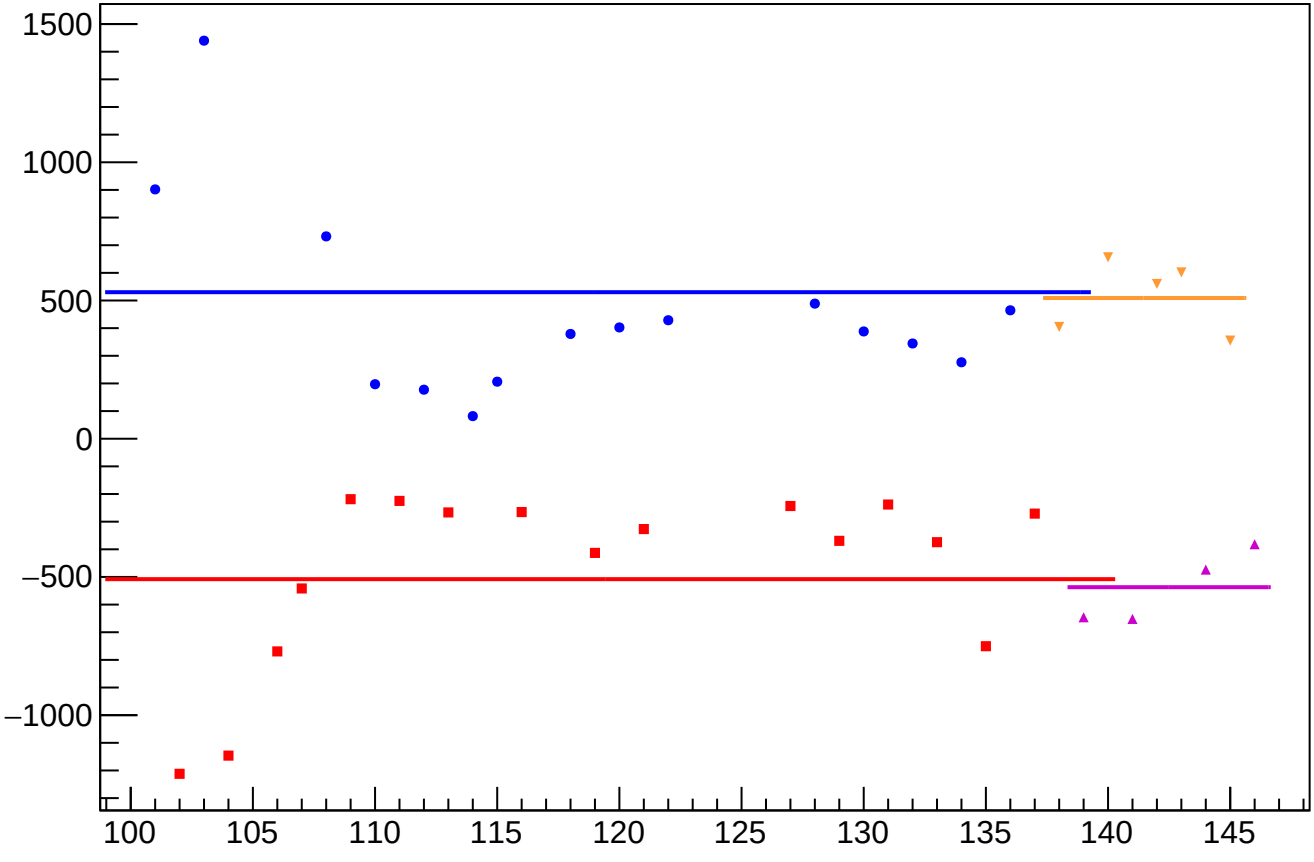
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

Out: 459.401+/-0.000 χ^2/NDF:135996930553925 7

Left In: -16865.865+/-0.000 χ^2/NDF:150545913640515964387706860751276946227 2.0/3

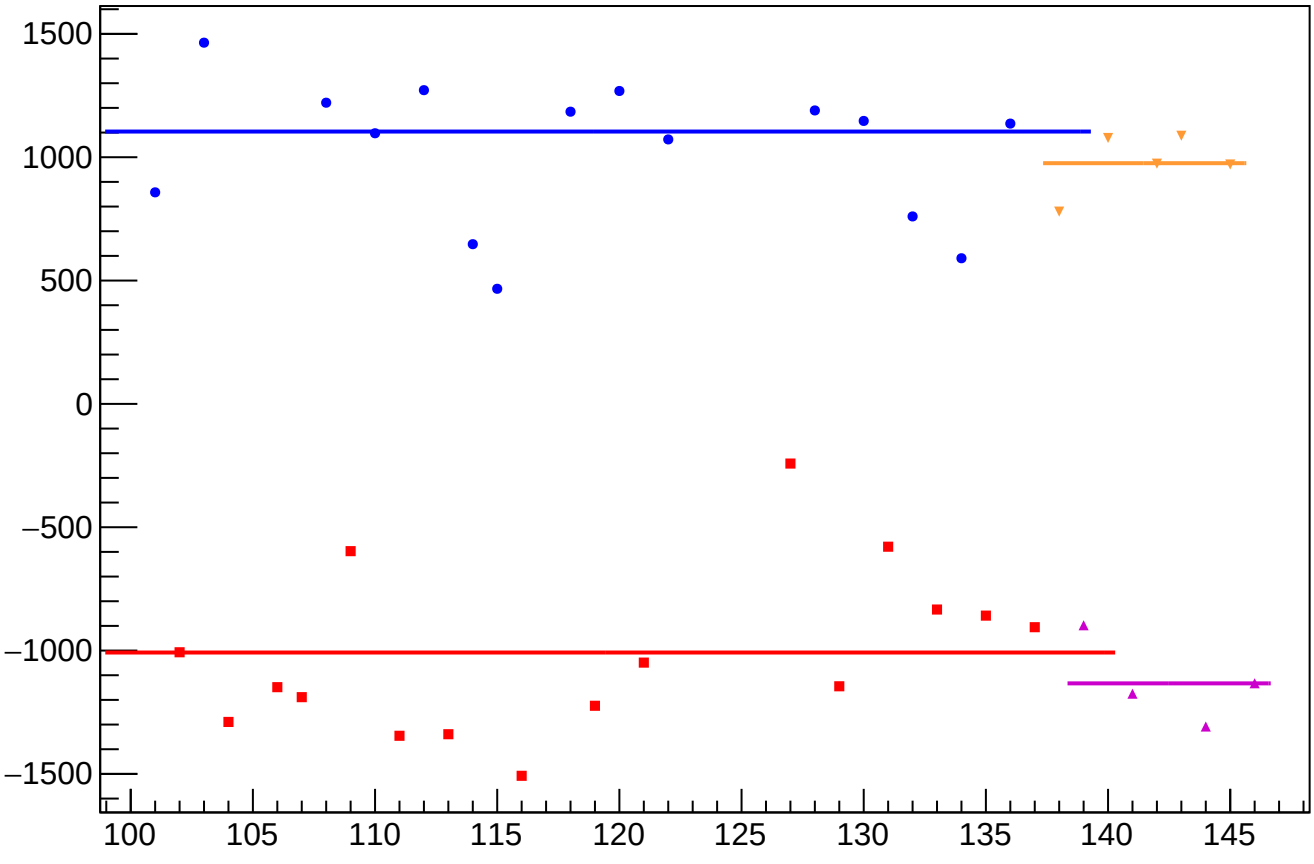
All: 323.748+/-0.000 χ^2/NDF: 300579204102

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -1.926+/-0.000 χ^2/NDF: 19888326255373210
Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14
Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126
Left Out: 508.999+/-0.000 χ^2/NDF:524673688098892513582738299150978252 8.0/4
In: 164.629+/-0.000 χ^2/NDF:3362725589817235 1
Right Out: -507.987+/-0.000 χ^2/NDF: 76689734698308464337881841969555046400.0/15
Out: -155.378+/-0.000 χ^2/NDF:321121182999803
Left In: -537.038+/-0.000 χ^2/NDF:4442309698448367011912799641644564480.0/3
All: 1.916+/-0.000 χ^2/NDF: 7087860882996 8

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

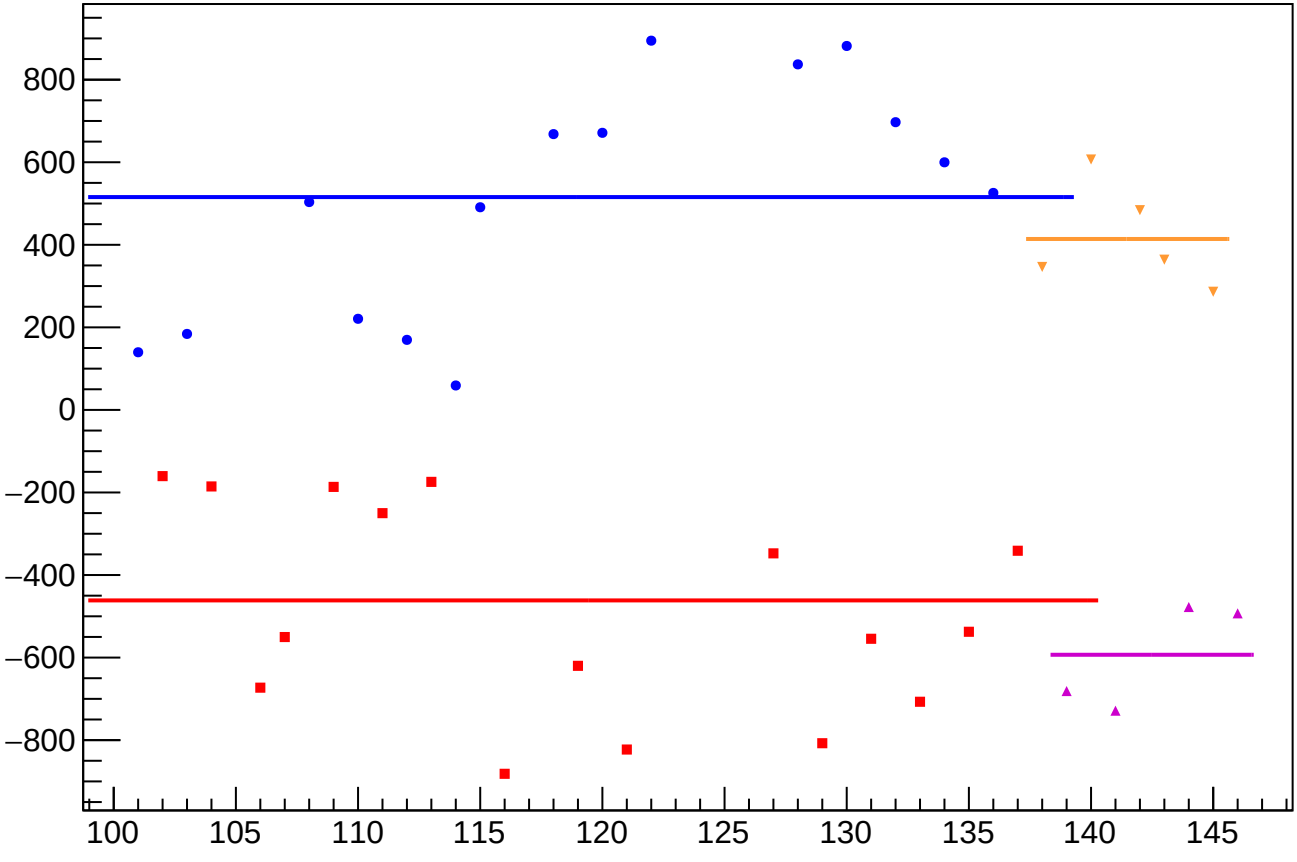
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:73656064454328761588096737159099187 20.0/3

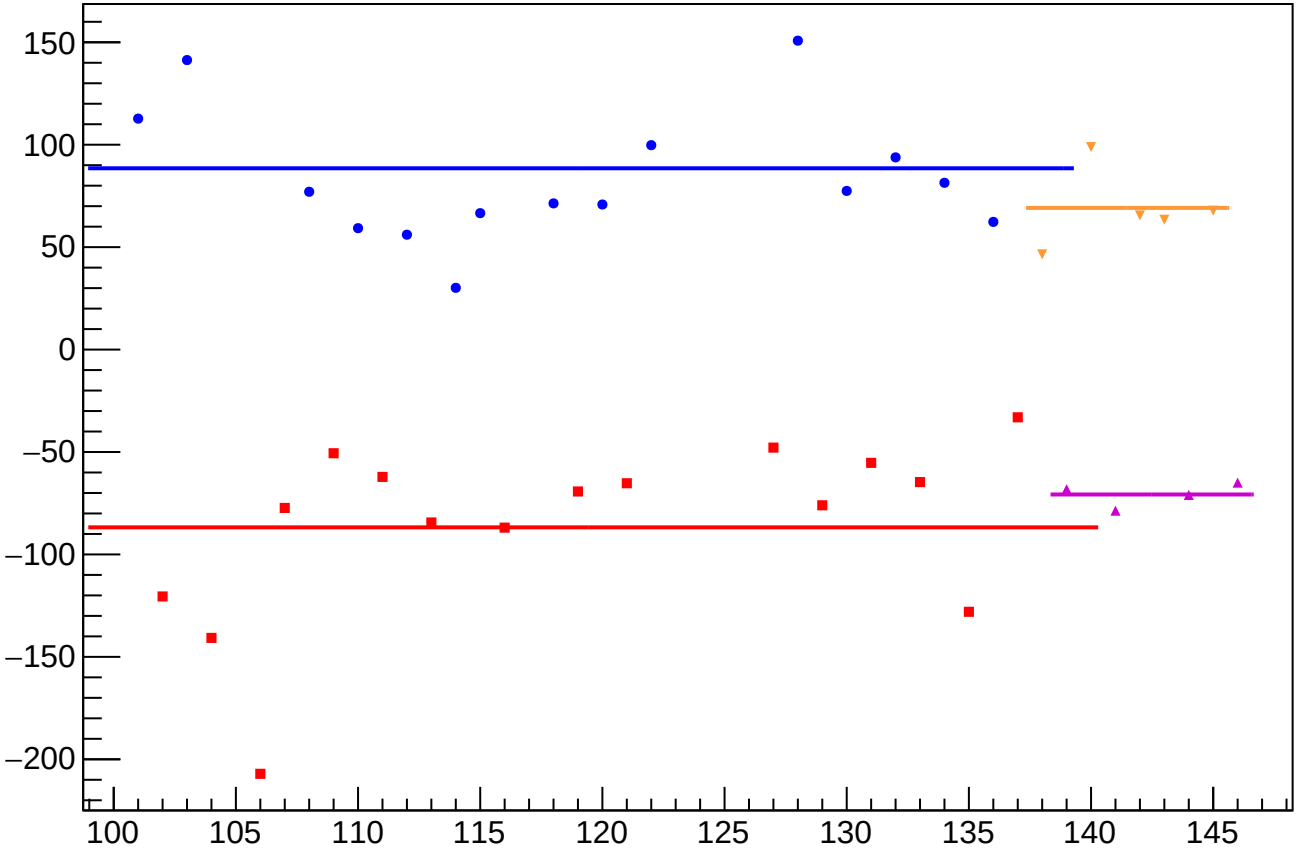
All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -77.892+/-0.000 χ^2/NDF: 1847742758870027
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: 414.122+/-0.000 χ^2/NDF:5114214716859257498793002516229390336.0/4
In: 135.914+/-0.000 χ^2/NDF:3259376302091388
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -157.903+/-0.000 χ^2/NDF:222898284122333
Left In: -593.197+/-0.000 χ^2/NDF:4212098498704665998771628977839669248.0/3
All: -13.482+/-0.000 χ^2/NDF: 592160335343

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.828+/-0.000 χ^2/NDF: 350751366195372927

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 69.154+/-0.000 χ^2/NDF:1153779223047343859540654634911662 08.0/4

In: 33.966+/-0.000 χ^2/NDF:628652697016463641

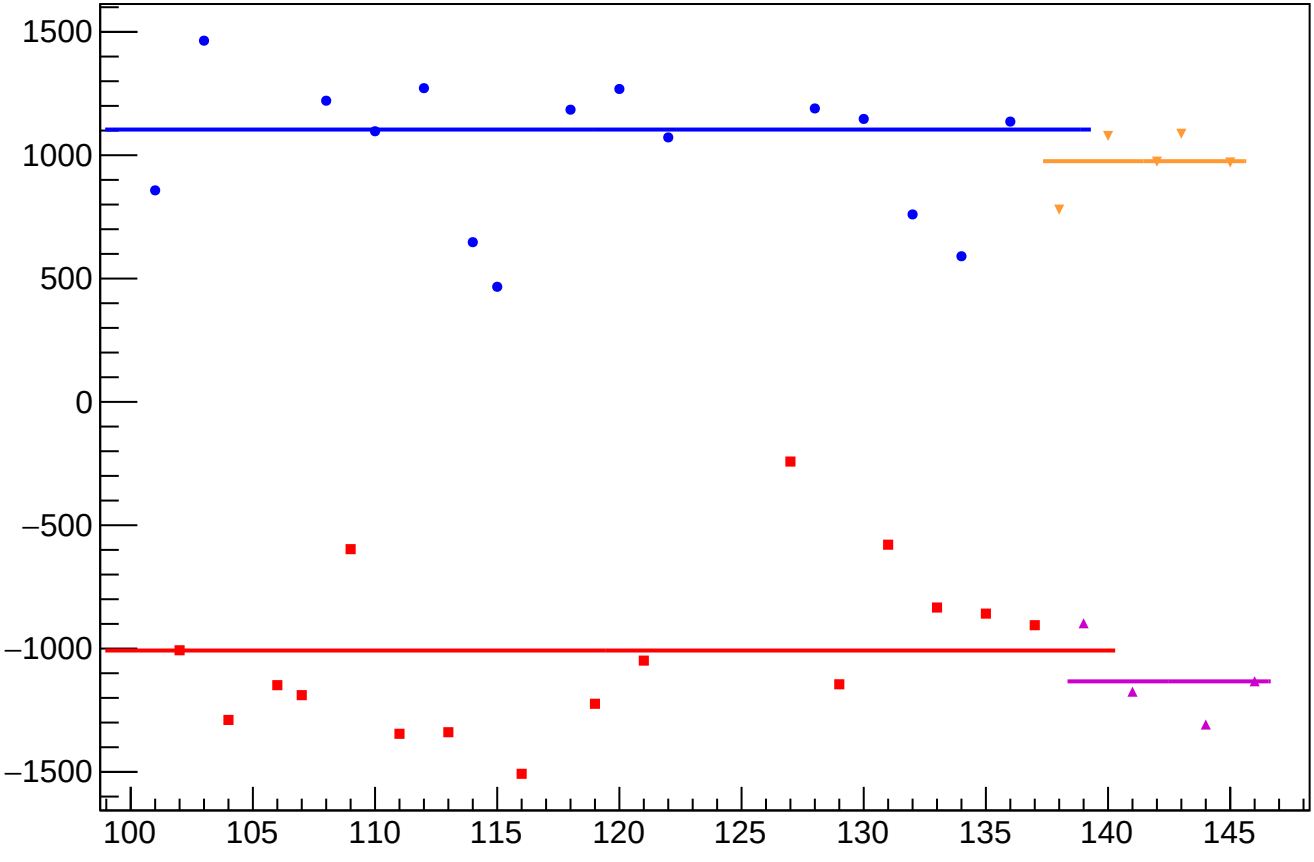
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -32.710+/-0.000 χ^2/NDF:6797358353944585

Left In: -70.732+/-0.000 χ^2/NDF:864031818544125939062686156324 8640.0/3

All: 0.063+/-0.000 χ^2/NDF: 15315005181244

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

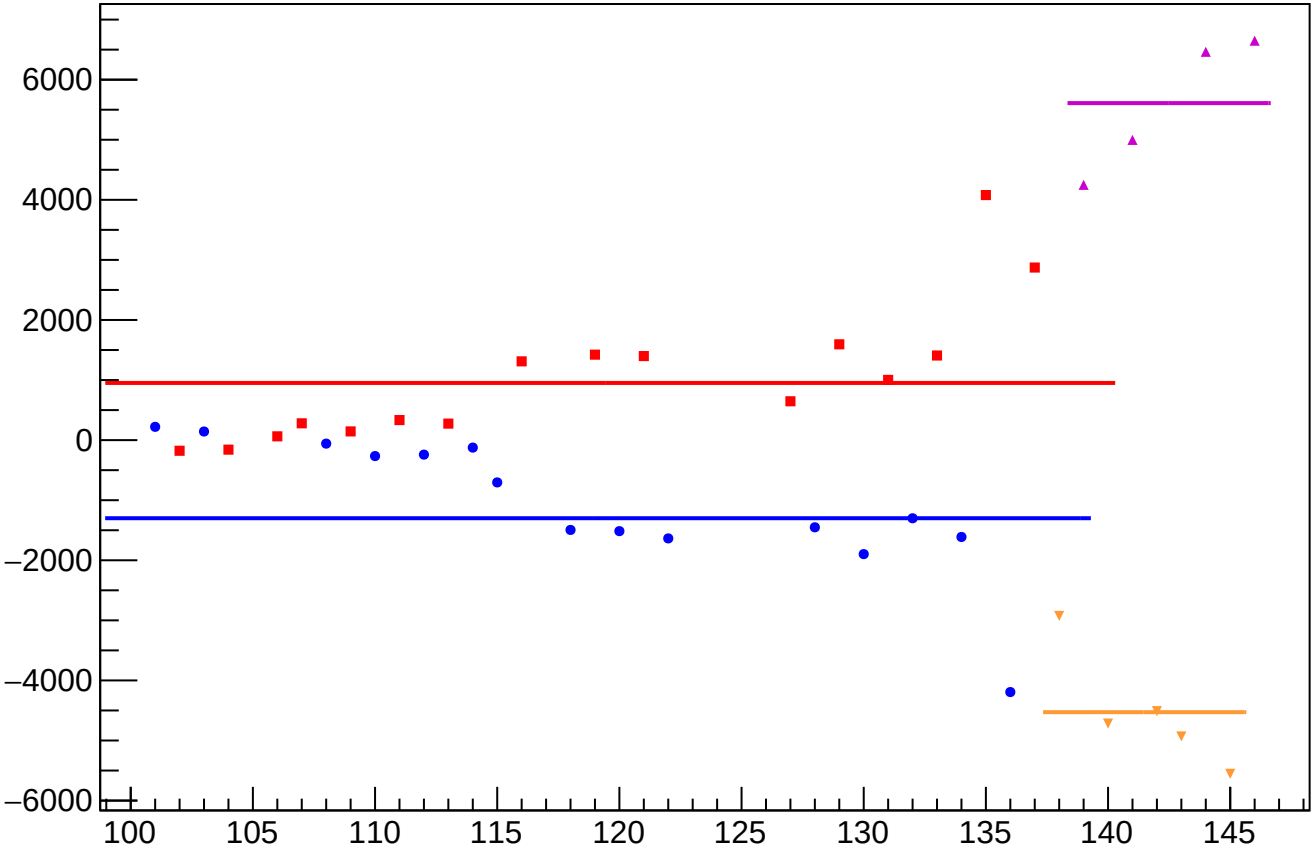
Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Out: -320.101+/-0.000 χ^2/NDF:98385079713578 4

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 2353586876624 5

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 423.785+/-0.000 χ^2/NDF: 1840839332676154

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -4528.205+/-0.000 χ^2/NDF:2993900048471447572318628725598055301 12.0/4

In: 1066.471+/-0.000 χ^2/NDF:1214836212441391

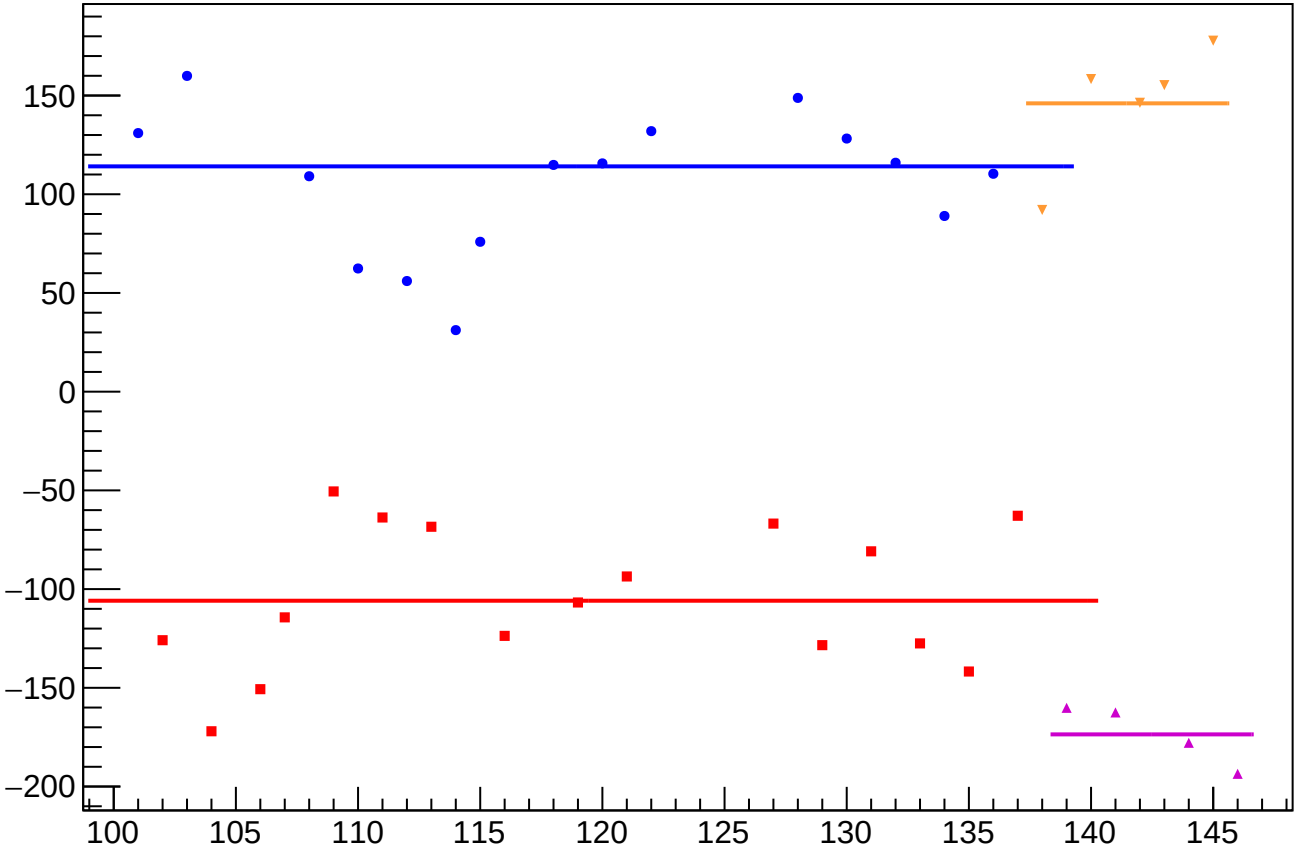
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -948.154+/-0.000 χ^2/NDF:808585474781498

Left In: 5610.189+/-0.000 χ^2/NDF:3363520966824274944848367231875825008 64.0/3

All: 42.102+/-0.000 χ^2/NDF: 2227110612213

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -10.078+/-0.000 χ^2/NDF: 1805172254399771

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 1738078571808844

Left Out: 146.041+/-0.000 χ^2/NDF:327207991963962703681819522442985472.0/4

In: 15.593+/-0.000 χ^2/NDF:190638218921265333

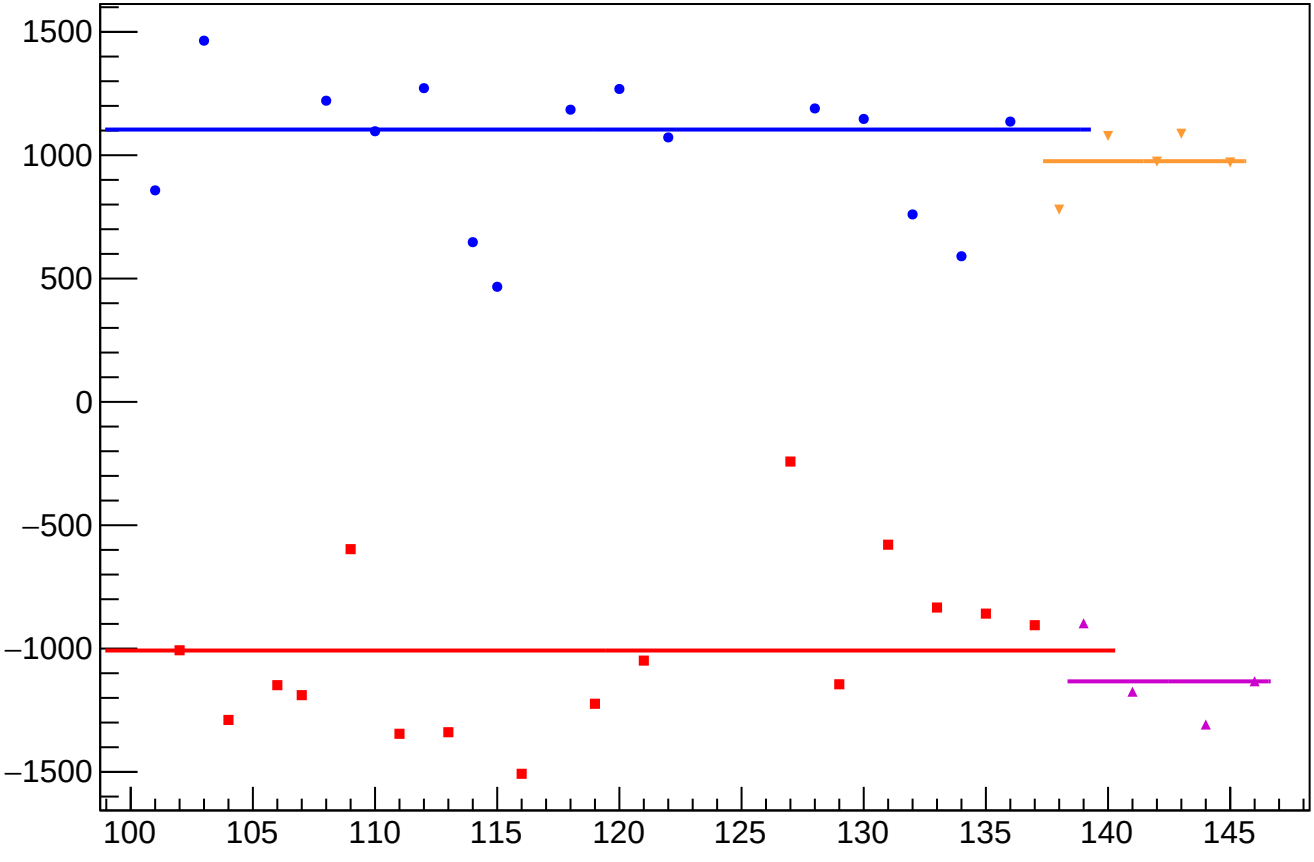
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: -18.540+/-0.000 χ^2/NDF:1585699614709453

Left In: -173.588+/-0.000 χ^2/NDF:5987849291120627471859143522490777 6.0/3

All: -1.763+/-0.000 χ^2/NDF: 3550551565873

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

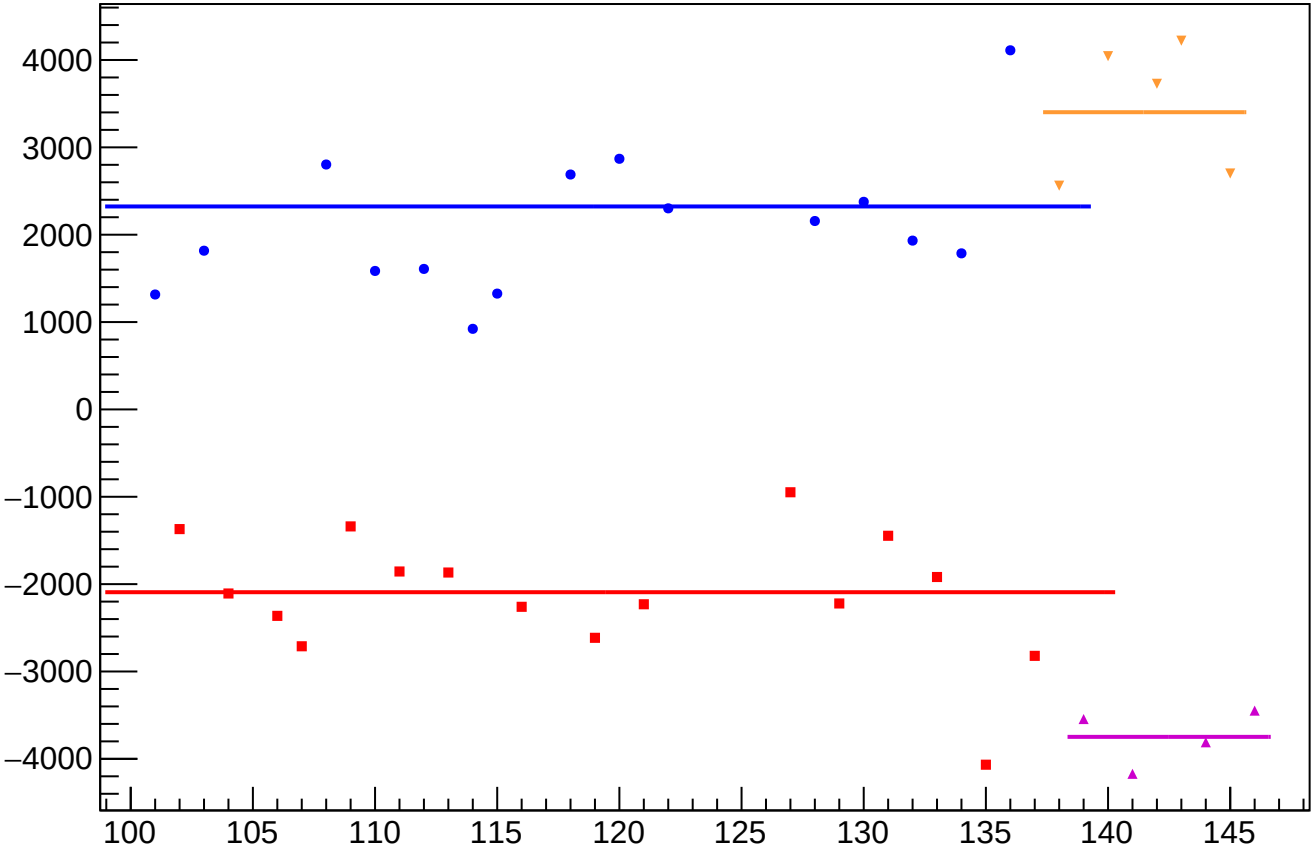
Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -90.319+/-0.000 χ^2/NDF: 9046128705408956

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 3402.362+/-0.000 χ^2/NDF:178535071958697132787345947900432613376.0/4

In: 244.105+/-0.000 χ^2/NDF:8696208361256803

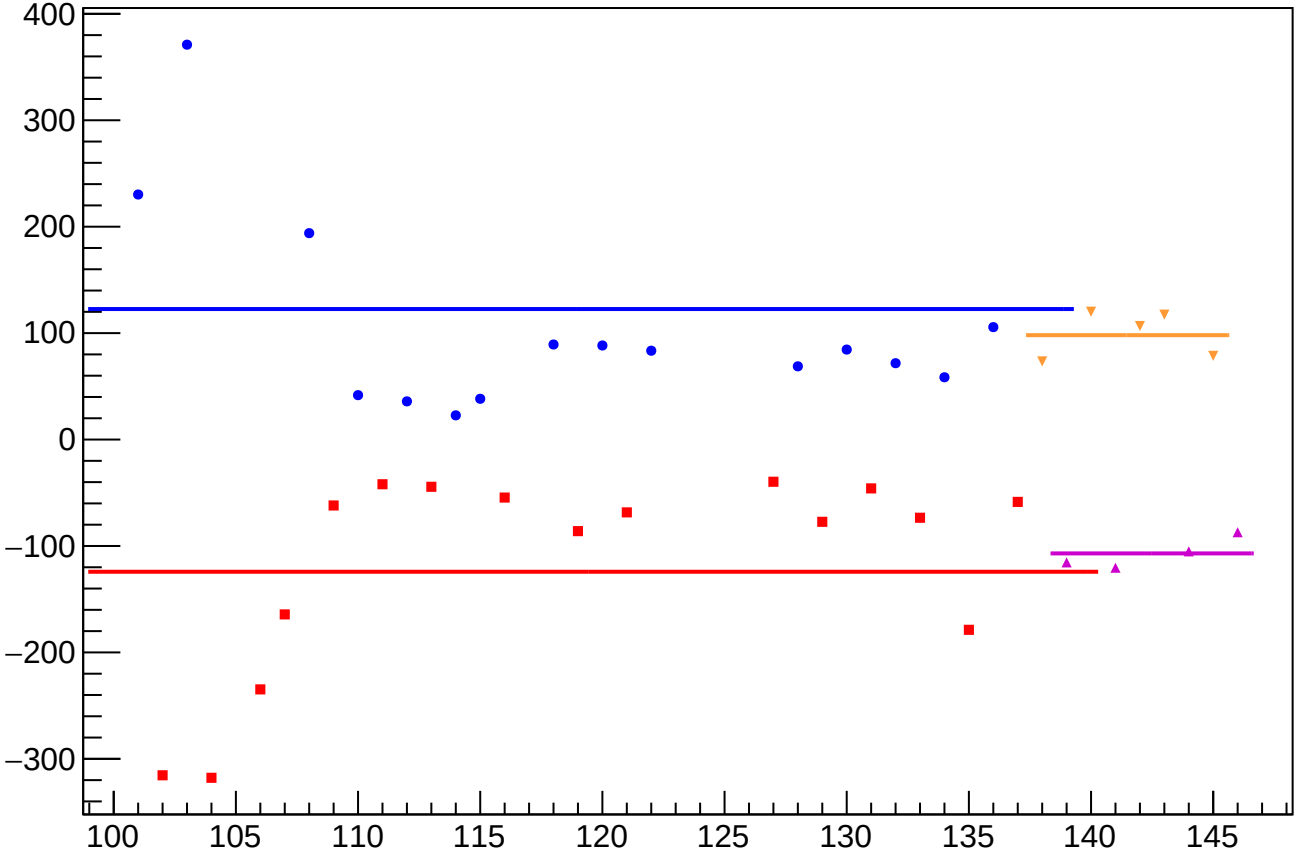
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: -187.300+/-0.000 χ^2/NDF:752815144727084

Left In: -3748.335+/-0.000 χ^2/NDF:264056800370395068153721047266193571 84.0/3

All: 24.750+/-0.000 χ^2/NDF: 1631776021590

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.078+/-0.000 χ^2/NDF: 74706656476939098

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 98.079+/-0.000 χ^2/NDF:1460149366083070536823733497899253 76.0/4

In: 43.996+/-0.000 χ^2/NDF:17707900455106876

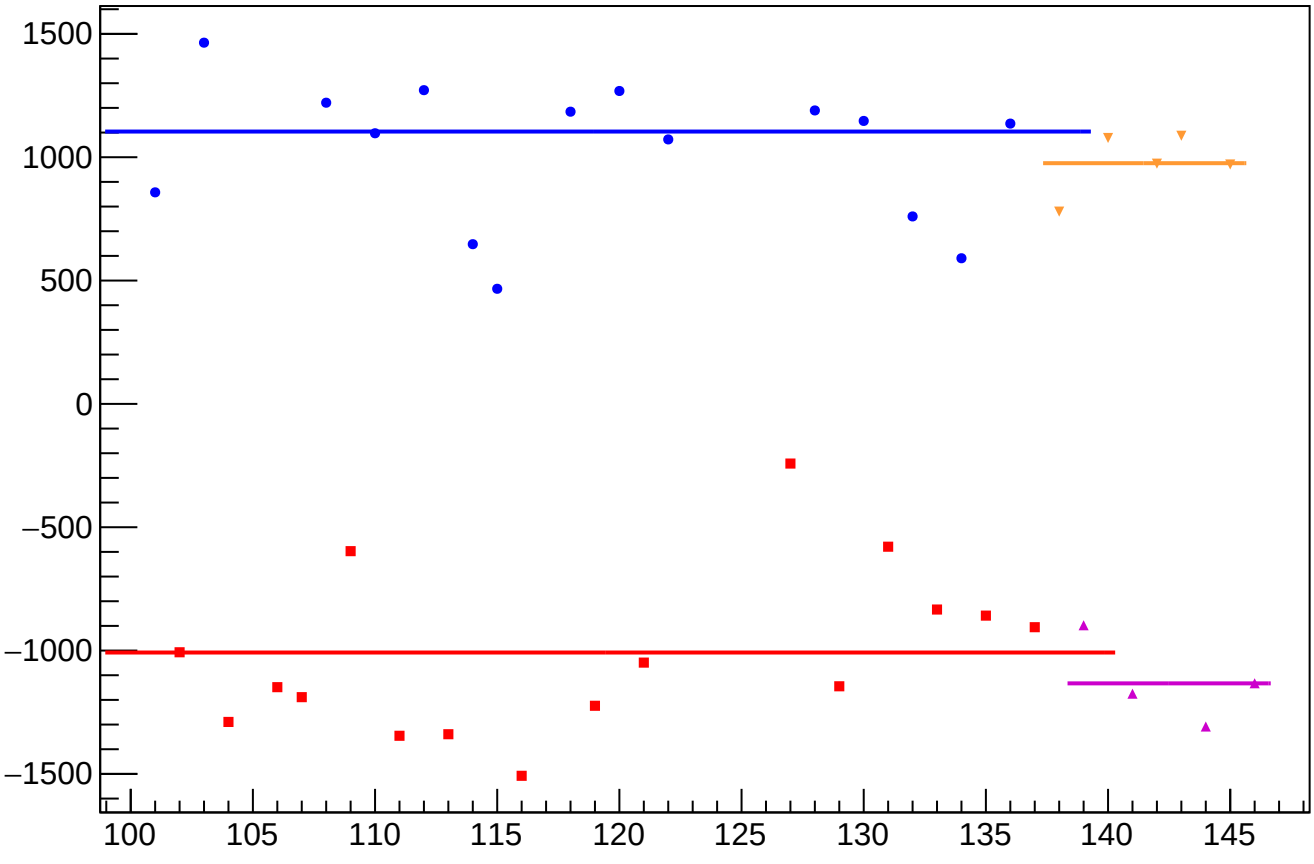
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: -47.143+/-0.000 χ^2/NDF:1812346520875607

Left In: -106.977+/-0.000 χ^2/NDF:5427604379975181425373290760555 7248.0/3

All: -2.345+/-0.000 χ^2/NDF: 3999985421686

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:4695059328891315039622712452859297792.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

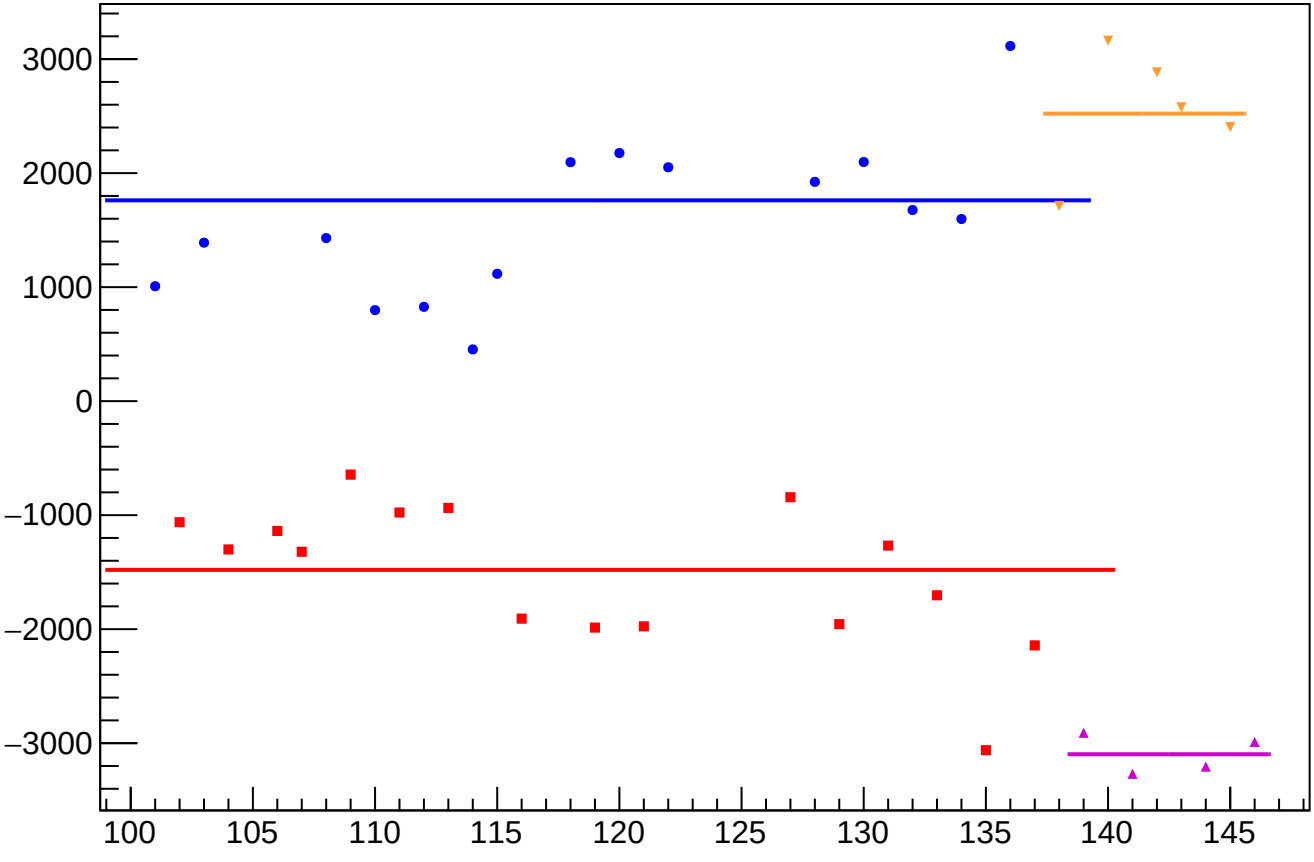
Right Out: -1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

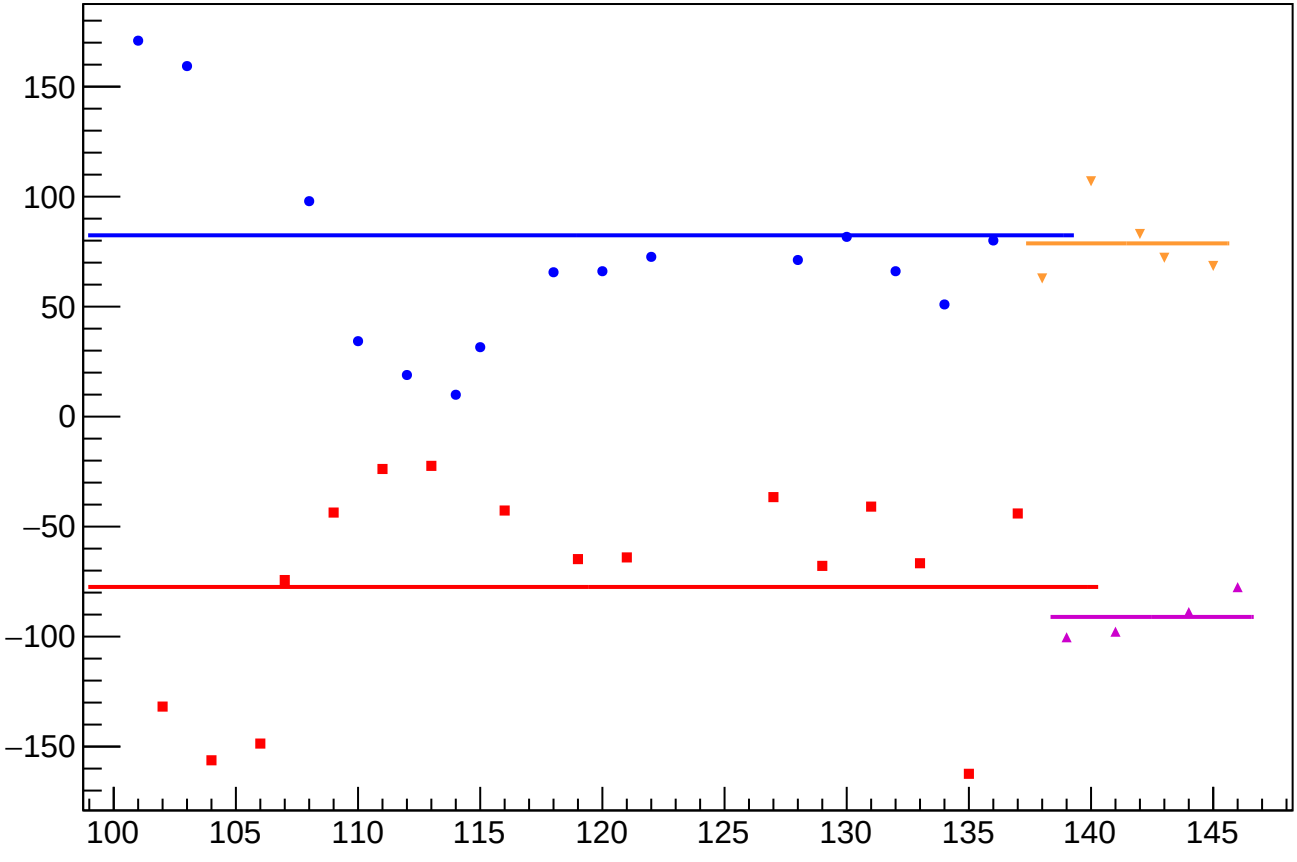
All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -222.563+/-0.000 χ^2/NDF: 555912702132273
Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14
Right: 118.557+/-0.000 χ^2/NDF: 405096794129398
Left Out: 2522.092+/-0.000 χ^2/NDF:9205321080258392980854750507846703513 6.0/4
In: 97.481+/-0.000 χ^2/NDF:558559163511894817
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15
Out: -92.269+/-0.000 χ^2/NDF:4059206852297080
Left In: -3097.141+/-0.000 χ^2/NDF:7384357149575761983980172467742179328.0/3
All: 1.000+/-0.000 χ^2/NDF: 9662867919677

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -4.187+/-0.000 χ^2/NDF: 51095314356169269

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 78.754+/-0.000 χ^2/NDF:97374534332882457850282393364070400.0/4

In: 23.015+/-0.000 χ^2/NDF:79784657678126839

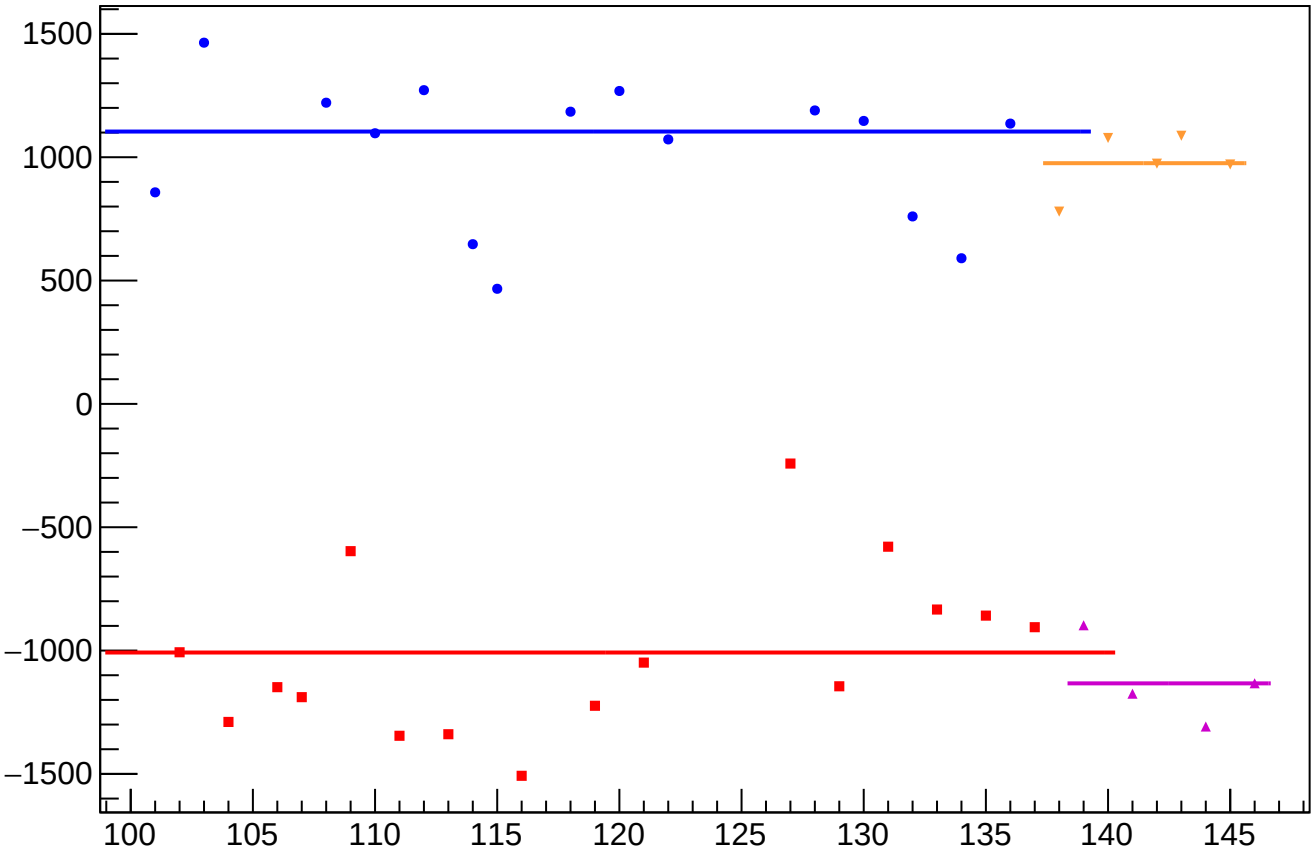
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: -23.278+/-0.000 χ^2/NDF:7254098651134699

Left In: -91.054+/-0.000 χ^2/NDF:2638765160860837875260845505223065 6.0/3

All: -0.524+/-0.000 χ^2/NDF: 1630805314169

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -54.185+/-0.000 χ^2/NDF: 7810042045246598

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 975.847+/-0.000 χ^2/NDF:46950593288913150396227124528592977 92.0/4

In: 338.016+/-0.000 χ^2/NDF:1152373125954670 6

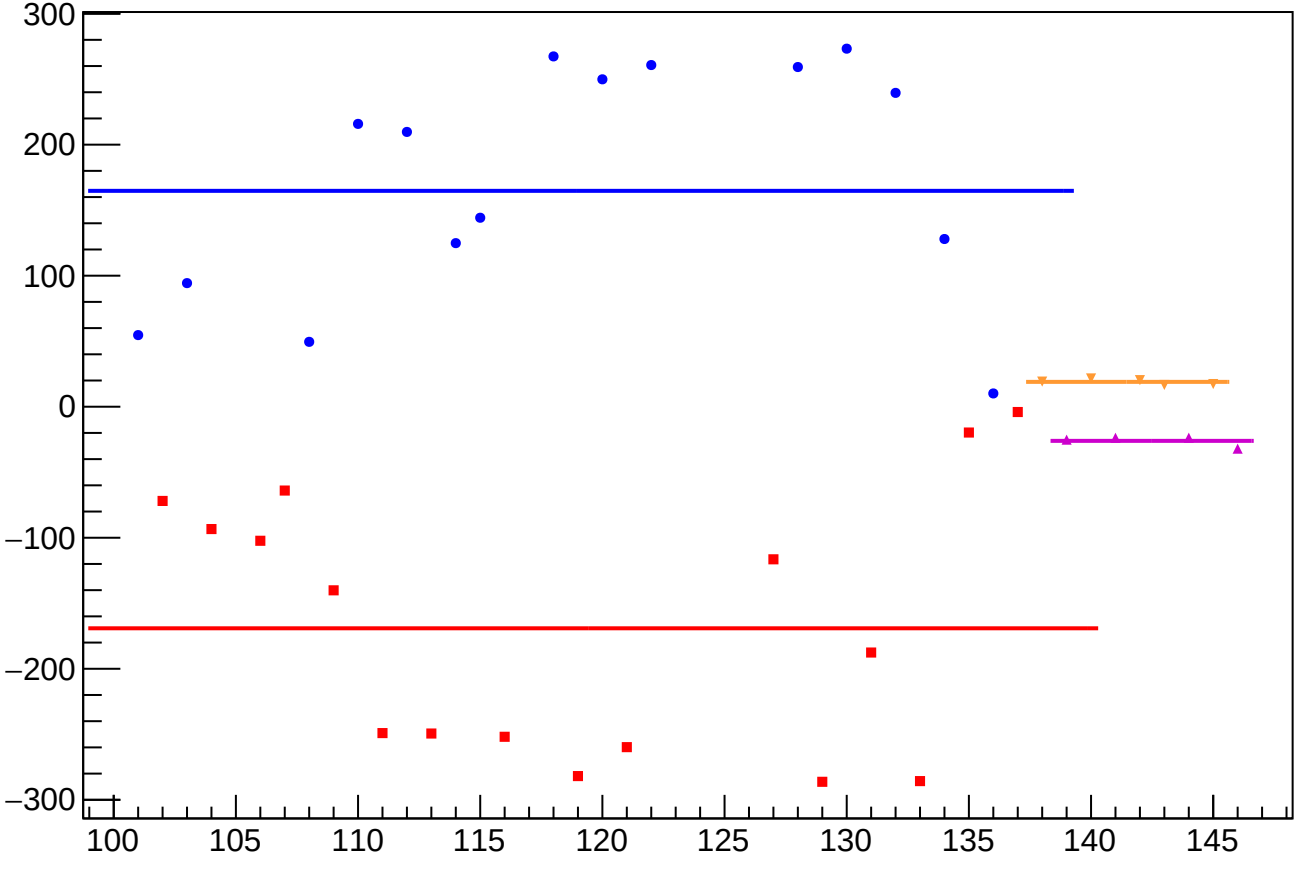
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: -320.101+/-0.000 χ^2/NDF:983850797135784

Left In: -1132.976+/-0.000 χ^2/NDF:7365606445432876158809673715909918720.0/3

All: 3.386+/-0.000 χ^2/NDF: 23535868766245

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -3.027+/-0.000 χ^2/NDF: 35577019604408185

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 18.964+/-0.000 χ^2/NDF:1249864602505674507701071571320832.0/4

In: 99.408+/-0.000 χ^2/NDF:14465768369048091

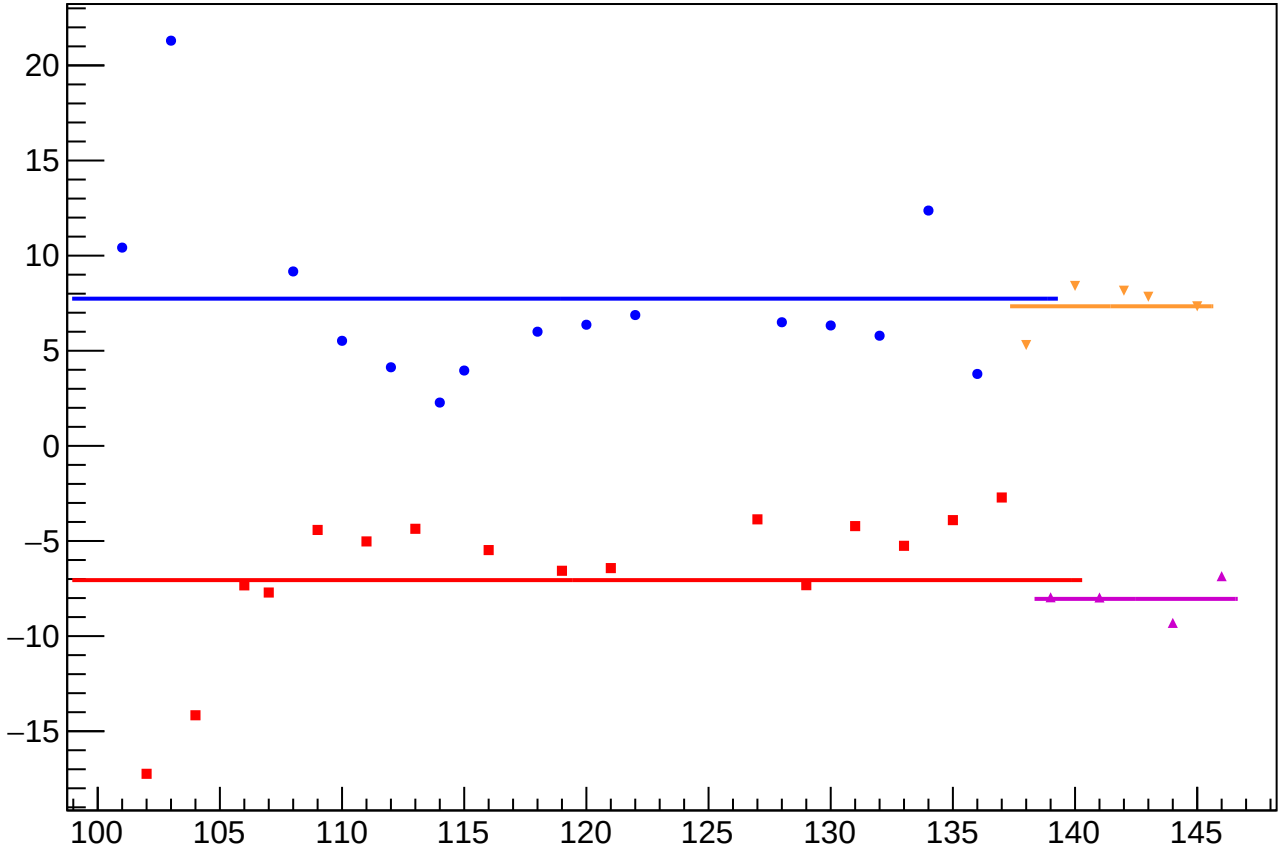
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -103.900+/-0.000 χ^2/NDF:142218859870289

Left In: -26.059+/-0.000 χ^2/NDF:4020670399352678748767308761530368.0/3

All: -3.967+/-0.000 χ^2/NDF: 4943138441454

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.175+/-0.000 χ^2/NDF: 41630560083550329

Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

Right: 0.240+/-0.000 χ^2/NDF: 98424389249981268

Left Out: 7.337+/-0.000 χ^2/NDF:46516499744034890369380773999411 2.0/4

In: 2.334+/-0.000 χ^2/NDF:707422175594317290 3

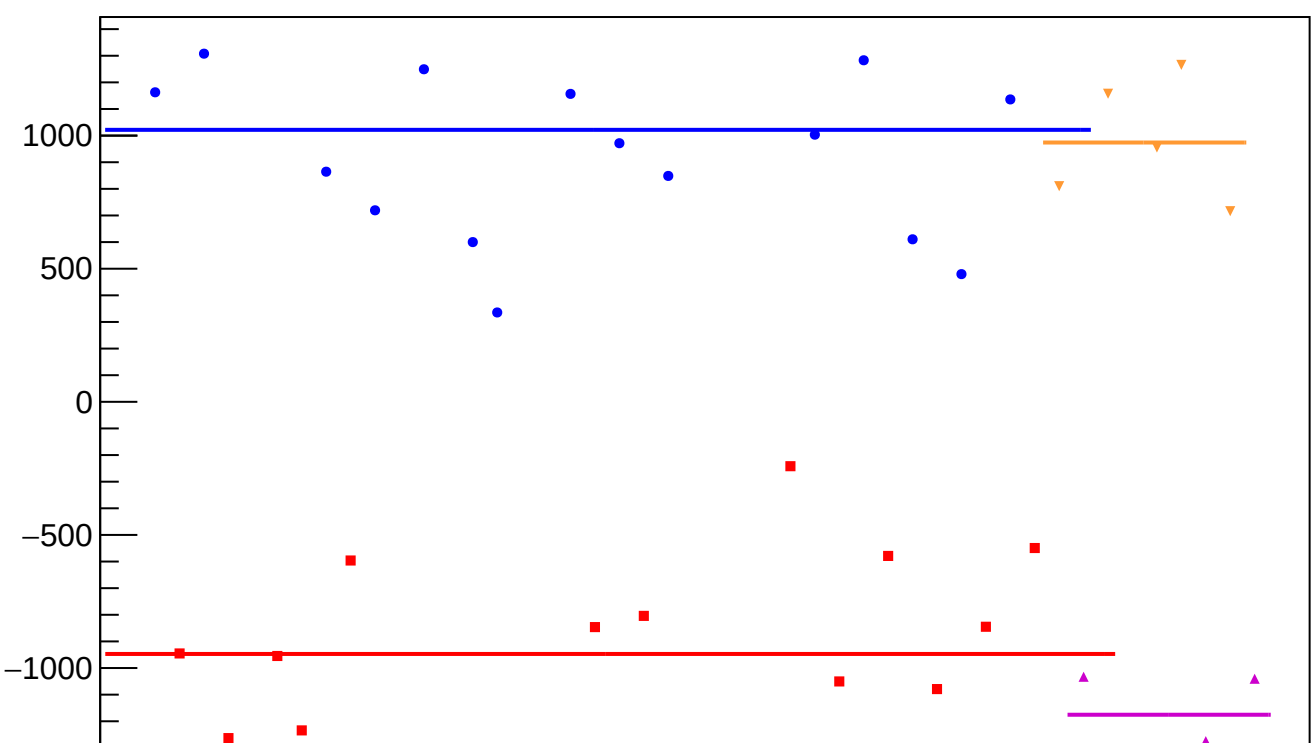
Right Out: -7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

Out: -2.066+/-0.000 χ^2/NDF:59674659782363522

Left In: -8.043+/-0.000 χ^2/NDF:26114238219023068268846276568678 4.0/3

All: 0.097+/-0.000 χ^2/NDF: 14013291497218

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:15959127541053352267152754093645103104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572

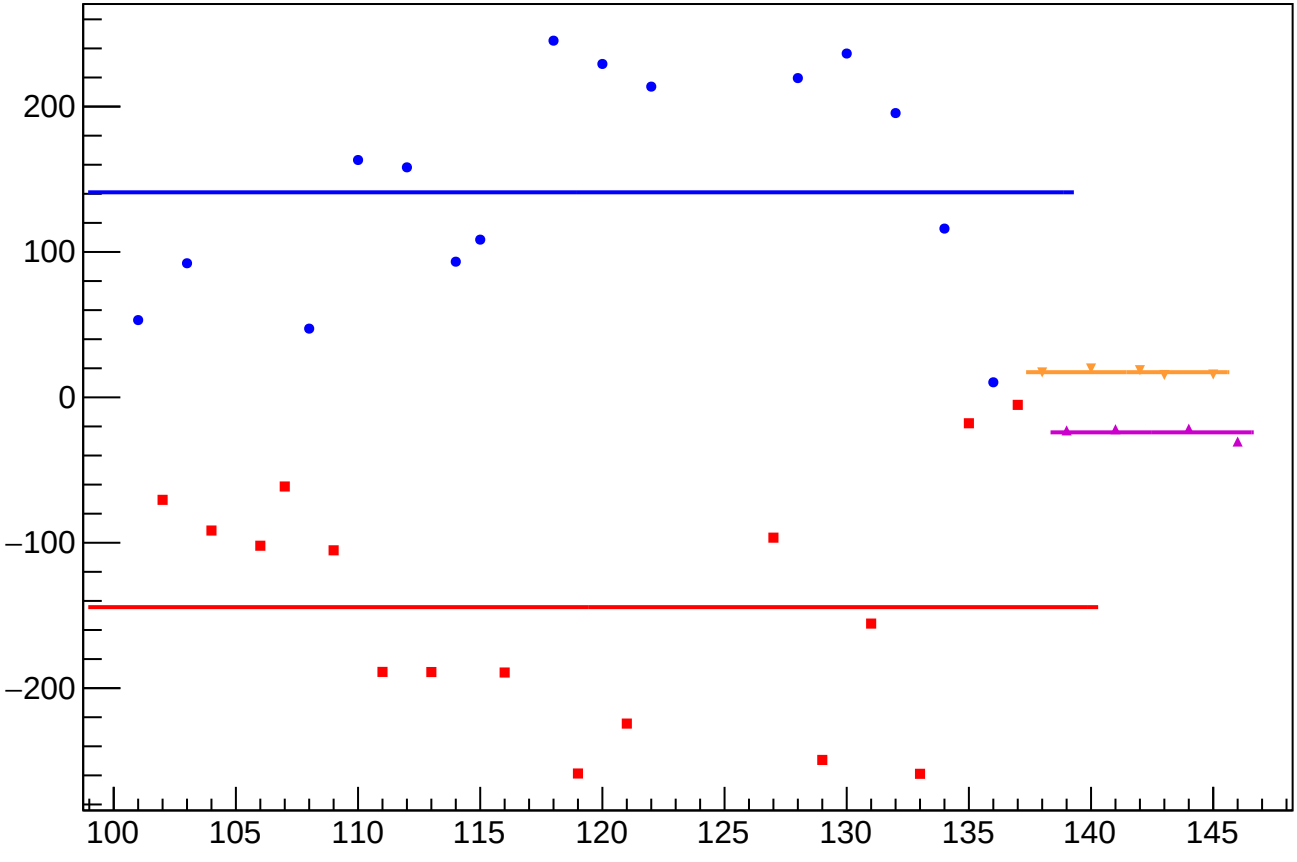
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -2.895+/-0.000 χ^2/NDF: 30159970526805405

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 17.317+/-0.000 χ^2/NDF:1090352193639805901540032570720256.0/4

In: 84.495+/-0.000 χ^2/NDF:105701795359915046

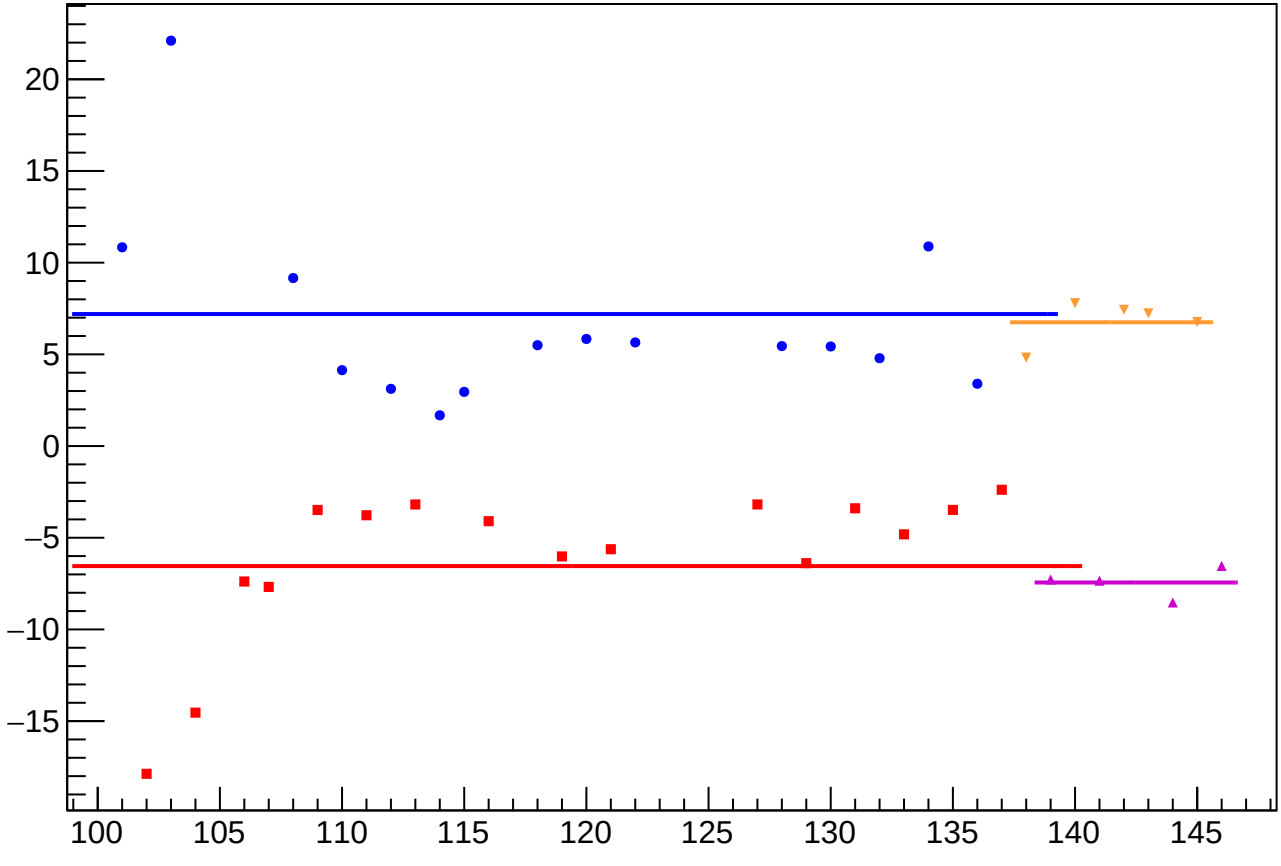
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -88.253+/-0.000 χ^2/NDF:1030869931521403

Left In: -24.063+/-0.000 χ^2/NDF:4440566646692372682800018380292096.0/3

All: -3.342+/-0.000 χ^2/NDF: 3585519714159

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.182+/-0.000 χ^2/NDF: 35408902890264654

Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Right: 0.232+/-0.000 χ^2/NDF: 94430884745367791

Left Out: 6.749+/-0.000 χ^2/NDF:4148573399651594512221451552030720/4

In: 2.185+/-0.000 χ^2/NDF:660159829158751930

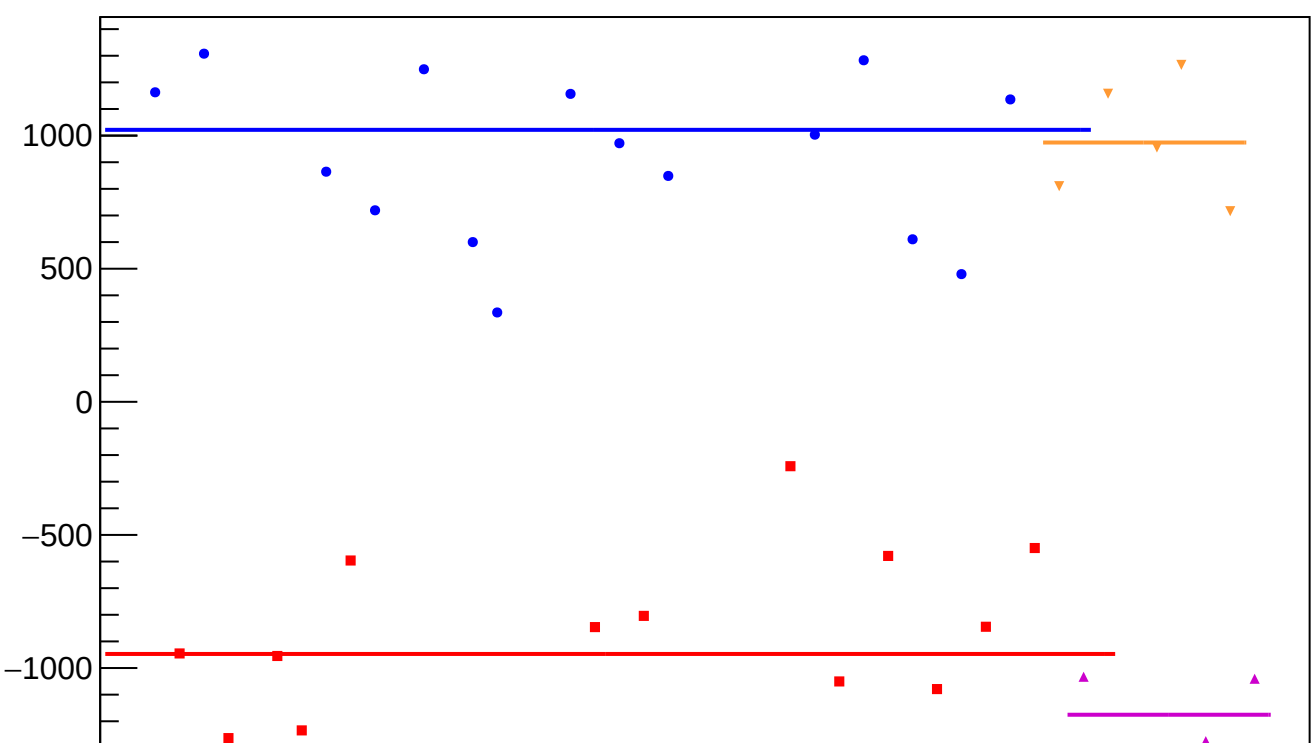
Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409459 2.0/15

Out: -1.937+/-0.000 χ^2/NDF:55377111470647281

Left In: -7.441+/-0.000 χ^2/NDF:17582380910997302085558644768768 0.0/3

All: 0.089+/-0.000 χ^2/NDF: 1299172820303

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:159591275410533522671527540936451 03104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

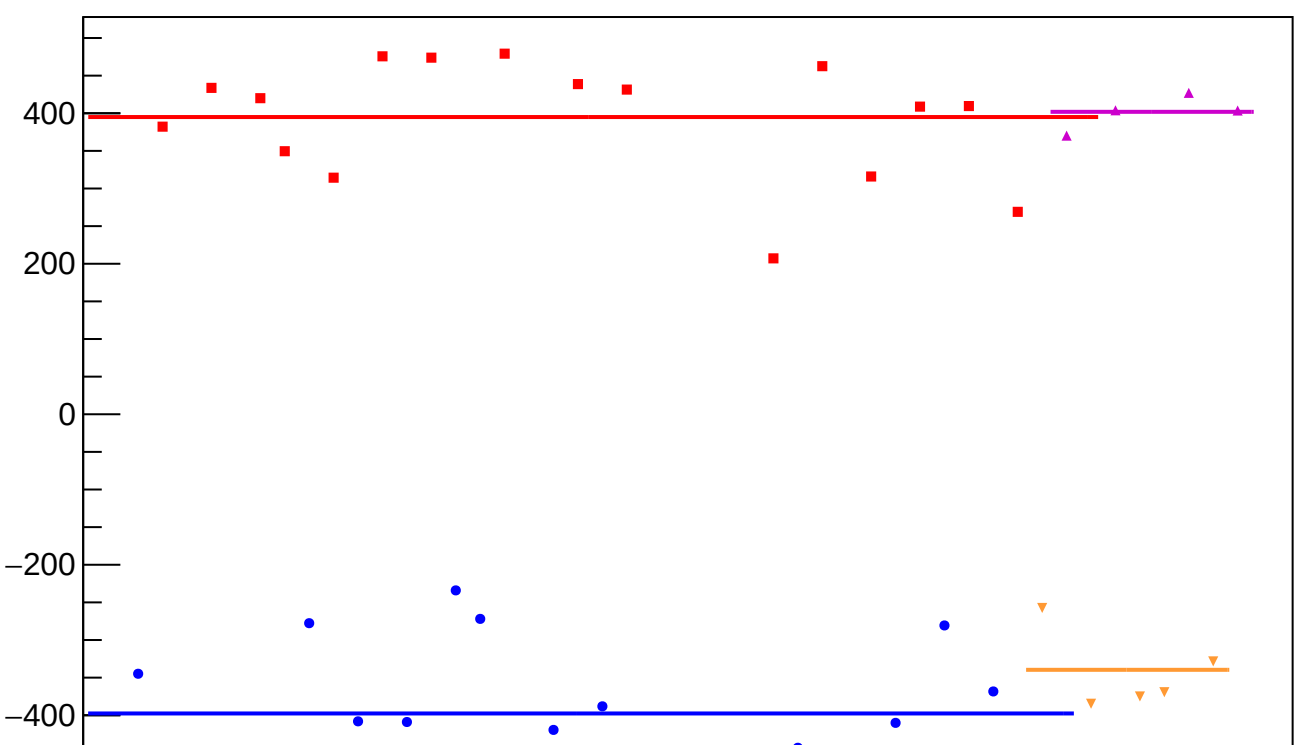
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 22.575+/-0.000 χ^2/NDF: 9603174658953103

Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Right: 4.100+/-0.000 χ^2/NDF: 21298342988437283

Left Out: -339.610+/-0.000 χ^2/NDF:8208158036362687233495053677709230 08.0/4

In: -123.816+/-0.000 χ^2/NDF:1448694690991996

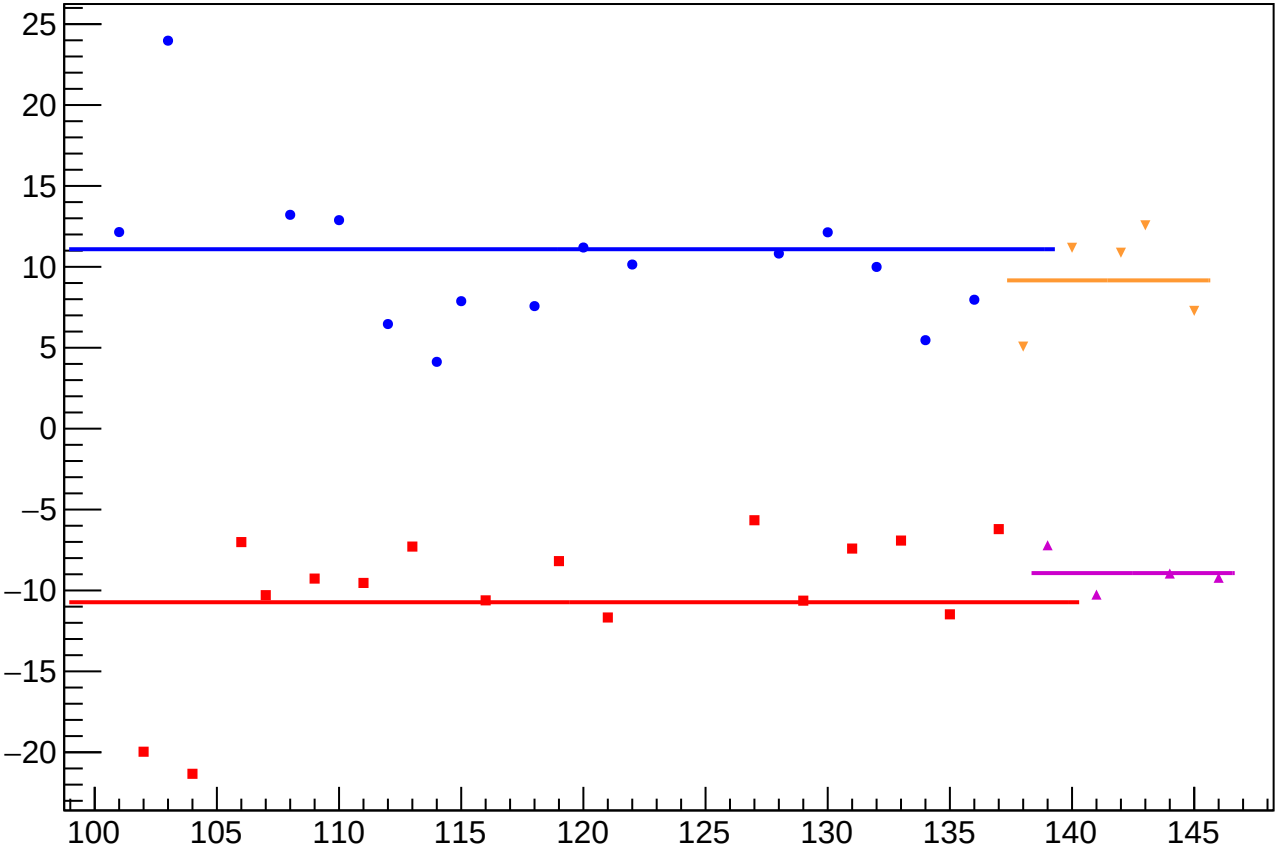
Right Out: 394.973+/-0.000 χ^2/NDF: 36855955134271835015961652808741 02784.0/15

Out: 140.279+/-0.000 χ^2/NDF:1292979504698673

Left In: 401.906+/-0.000 χ^2/NDF:1383095837875754262973444980673085 44.0/3

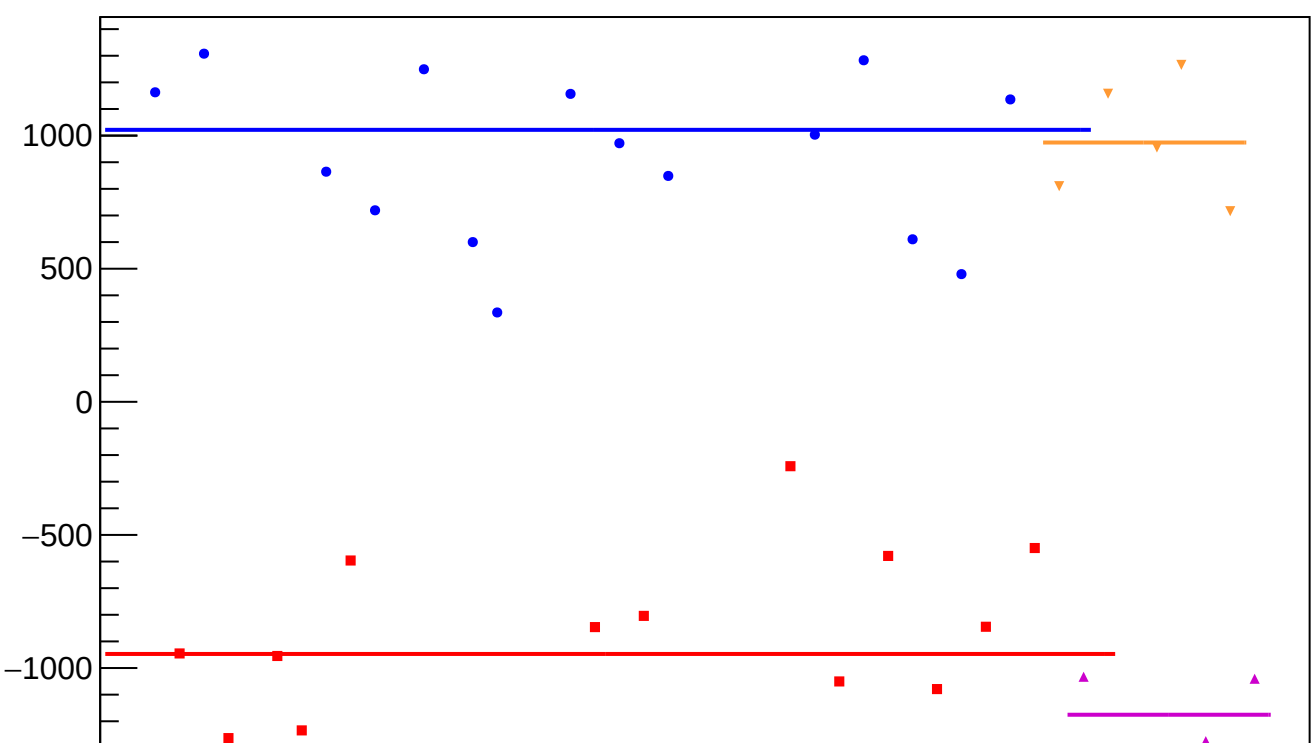
All: 10.467+/-0.000 χ^2/NDF: 3091699785652

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.327+/-0.000 χ^2/NDF: 598166293960180714
Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14
Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4
Left Out: 9.163+/-0.000 χ^2/NDF:2837444934473291576343780441194496.0/4
In: 4.234+/-0.000 χ^2/NDF:1036721710432689497
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443731264.0/15
Out: -3.831+/-0.000 χ^2/NDF:10910081709506423
Left In: -8.927+/-0.000 χ^2/NDF:3968108323300109770178469696634 88.0/3
All: 0.133+/-0.000 χ^2/NDF: 2454210207275 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:15959127541053352267152754093645103104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572

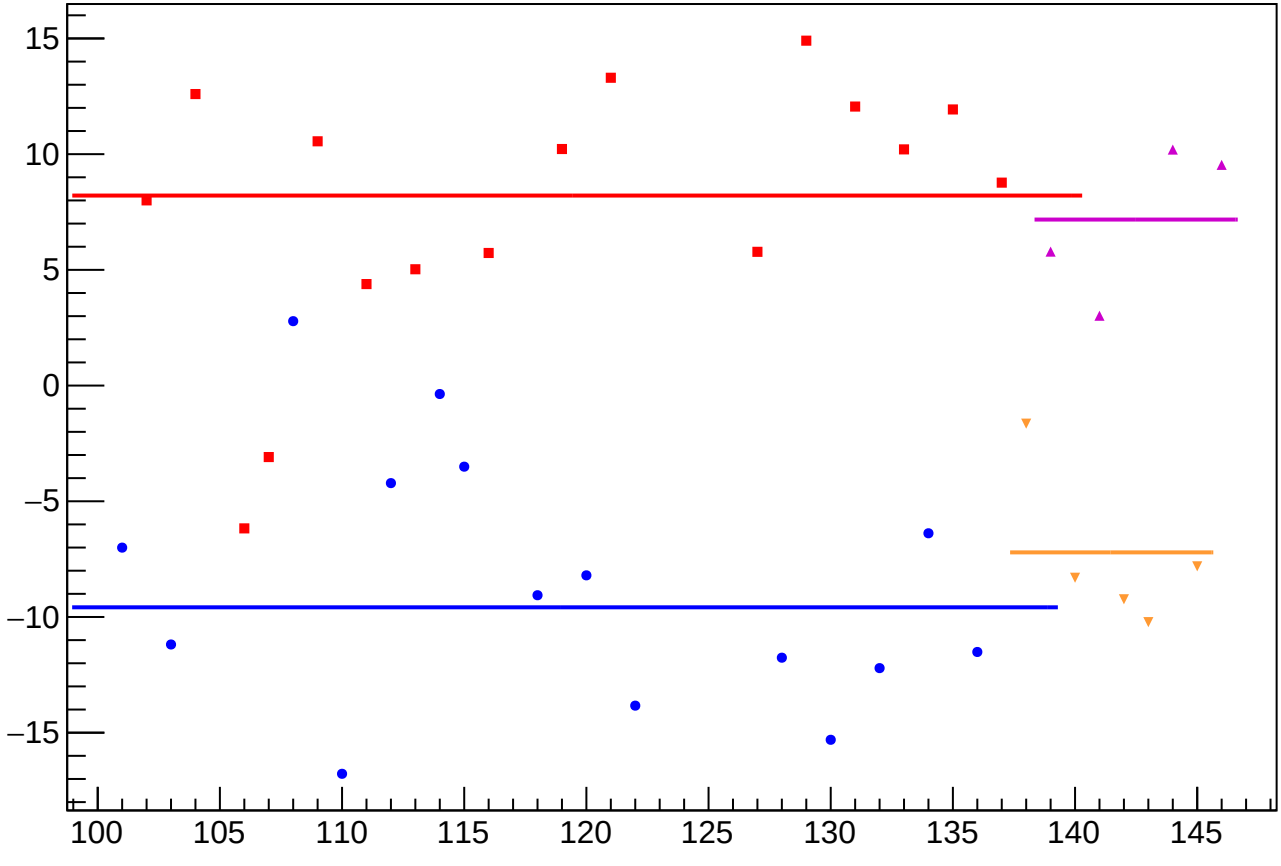
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: -0.184+/-0.000 χ^2/NDF: 42005935045964676

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -7.208+/-0.000 χ^2/NDF:3339109494079561676056105834250240.0/4

In: -3.844+/-0.000 χ^2/NDF:800027047646179241

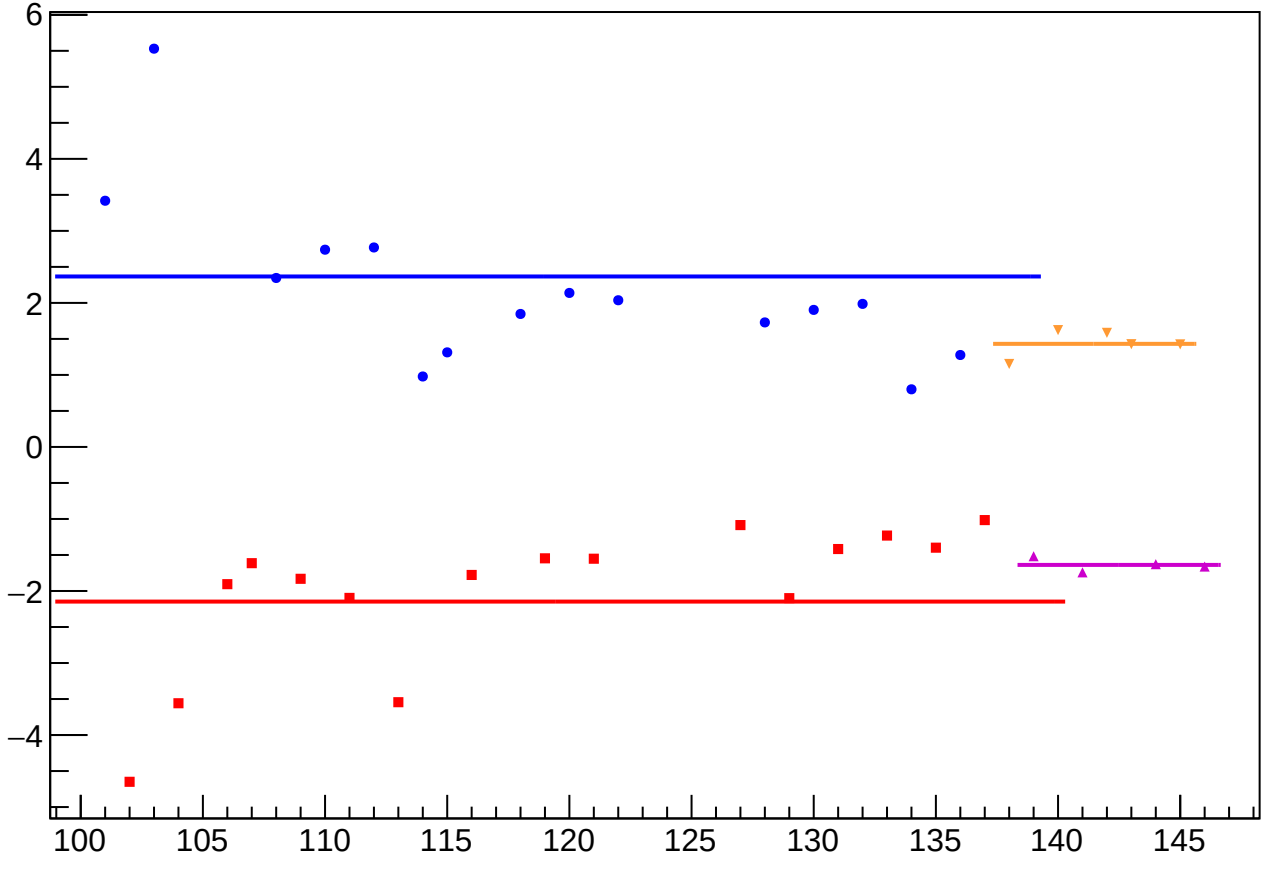
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

Out: 2.865+/-0.000 χ^2/NDF:76629593428033496 5

Left In: 7.174+/-0.000 χ^2/NDF:2901286614201537597988397513703424.0/3

All: -0.433+/-0.000 χ^2/NDF: 1792207889211

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.068+/-0.000 χ^2/NDF: 16413086941982153

Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Right: 0.079+/-0.000 χ^2/NDF: 83877353838823588

Left Out: 1.431+/-0.000 χ^2/NDF:10139905586181466592896507445248.0/4

In: 0.995+/-0.000 χ^2/NDF:44876142376440507 76

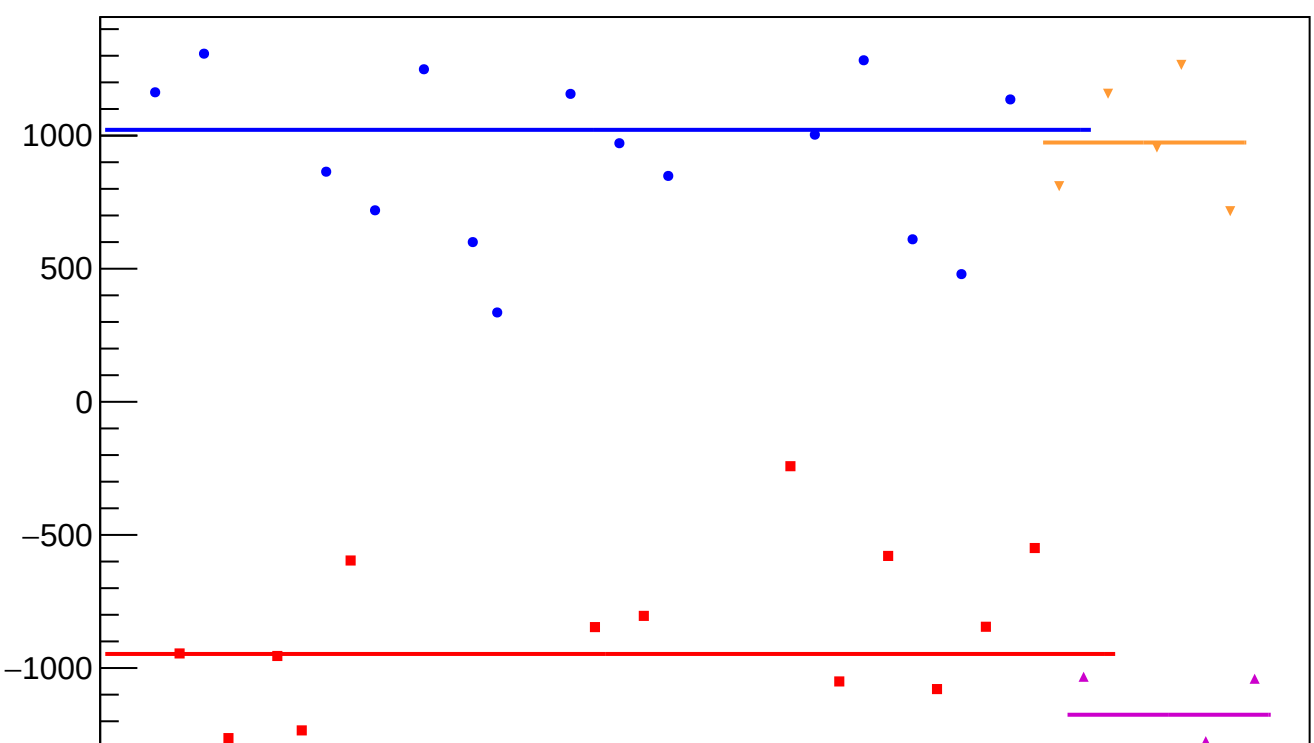
Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Out: -0.906+/-0.000 χ^2/NDF:37359545800428745

Left In: -1.638+/-0.000 χ^2/NDF:21340451755248684168534514728 96.0/3

All: 0.028+/-0.000 χ^2/NDF: 10038819968633

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:15959127541053352267152754093645103104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572

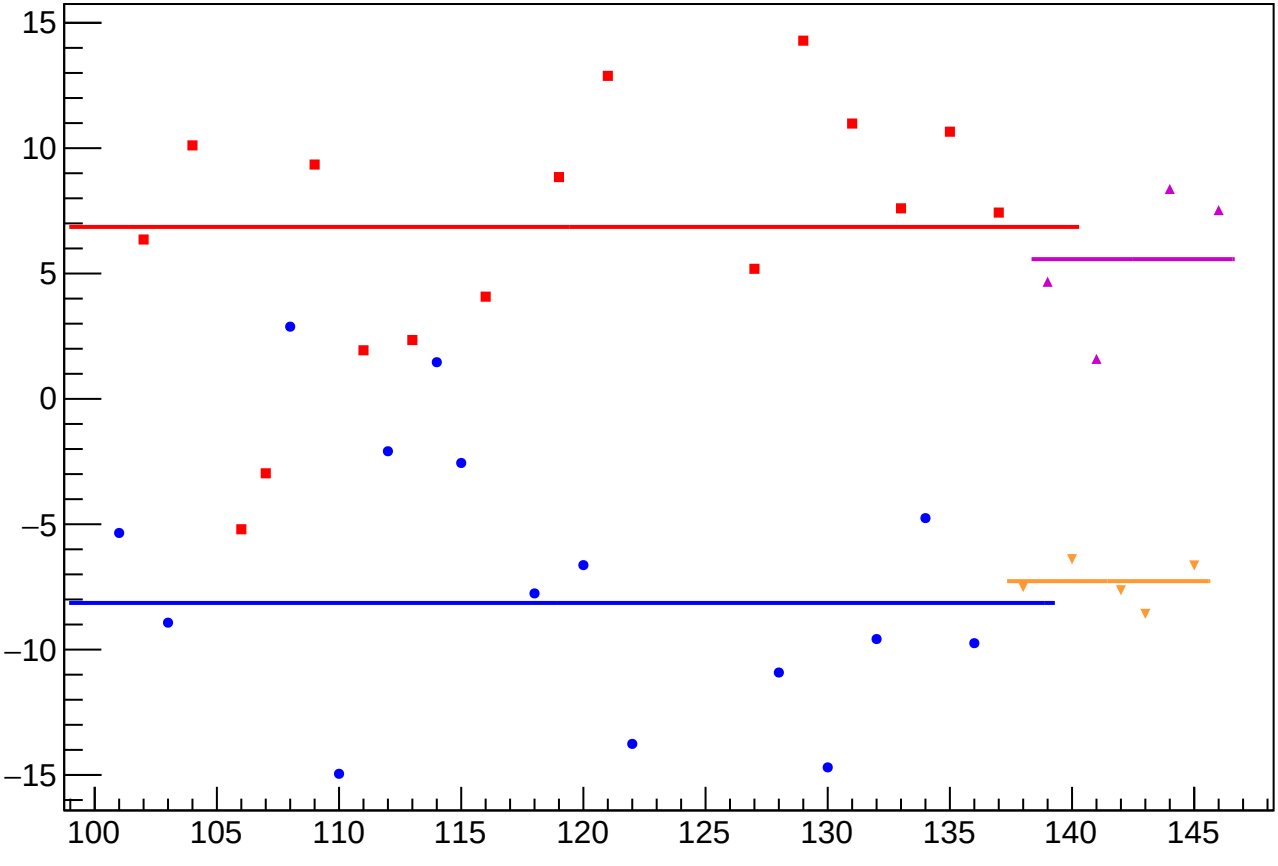
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.996+/-0.000 χ^2/NDF: 3116837908950041

Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -7.270+/-0.000 χ^2/NDF:2194775790811958840812560460021 76.0/4

In: -3.443+/-0.000 χ^2/NDF:5889446922725949 31

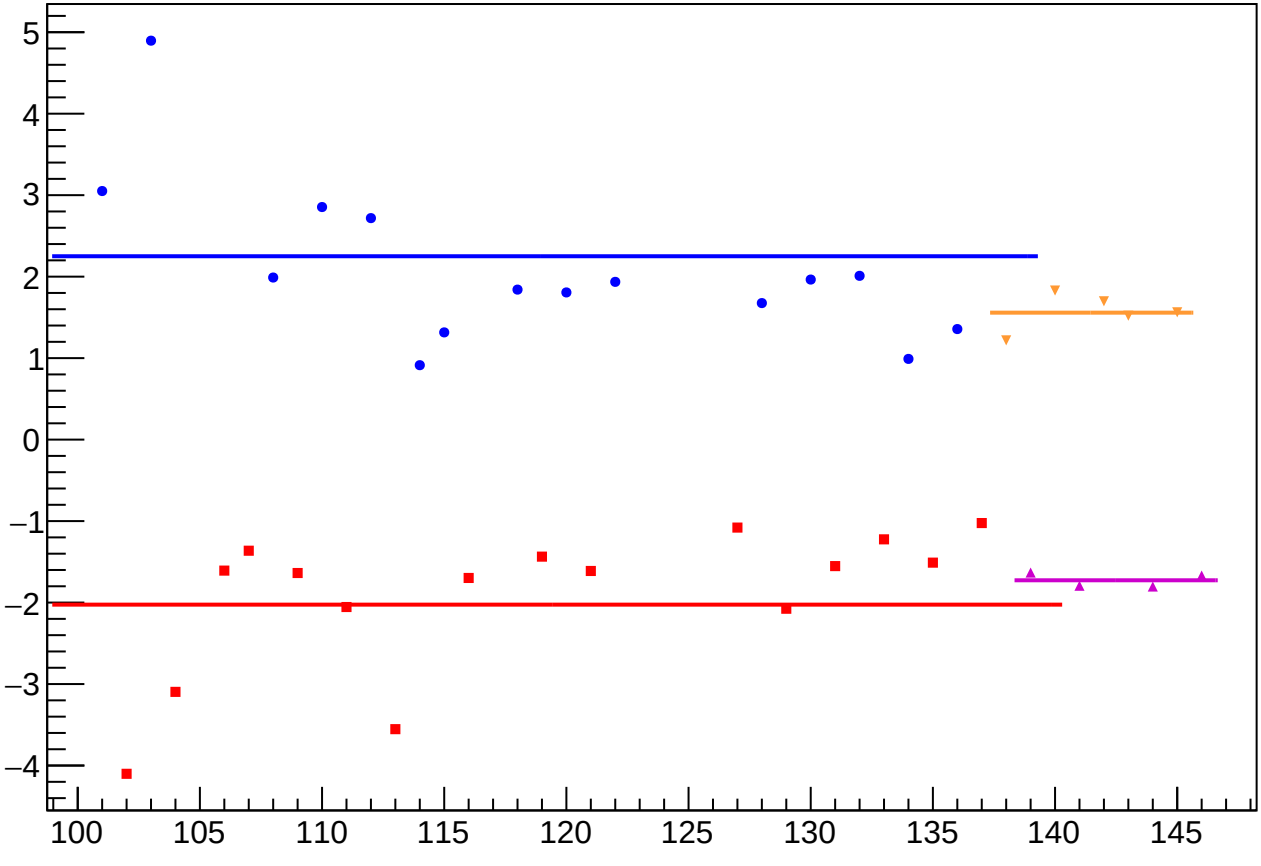
Right Out: 6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307 9808.0/15

Out: 1.960+/-0.000 χ^2/NDF:6286652478898276 31

Left In: 5.574+/-0.000 χ^2/NDF:2425881516440443180454577918967808.0/3

All: -0.696+/-0.000 χ^2/NDF: 1364113551584

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.046+/-0.000 χ^2/NDF: 18832859885151761

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: 1.558+/-0.000 χ^2/NDF:160494692376483374350884153589 76.0/4

In: 0.889+/-0.000 χ^2/NDF:4173665910676833683

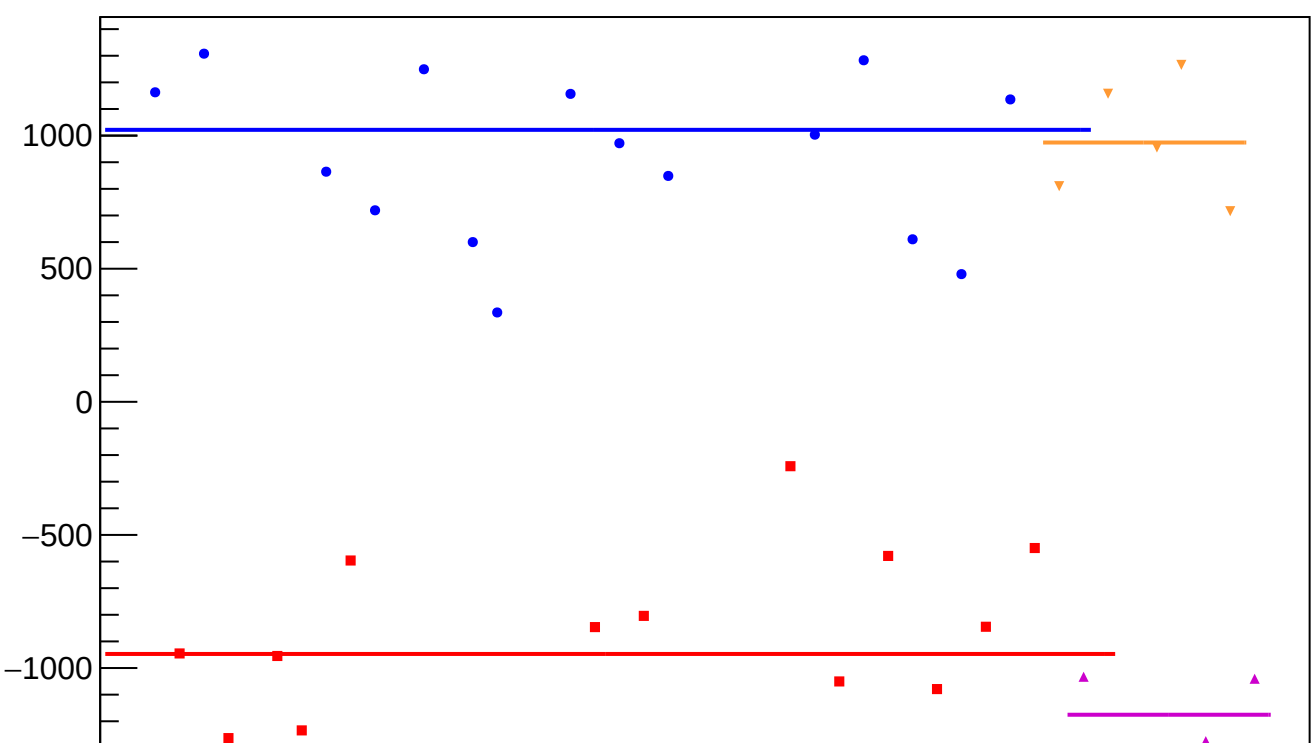
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: -0.783+/-0.000 χ^2/NDF:3564409424186675 9

Left In: -1.726+/-0.000 χ^2/NDF:191392457789326460793384442265 6.0/3

All: 0.039+/-0.000 χ^2/NDF: 9140148542351 1

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:159591275410533522671527540936451 03104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

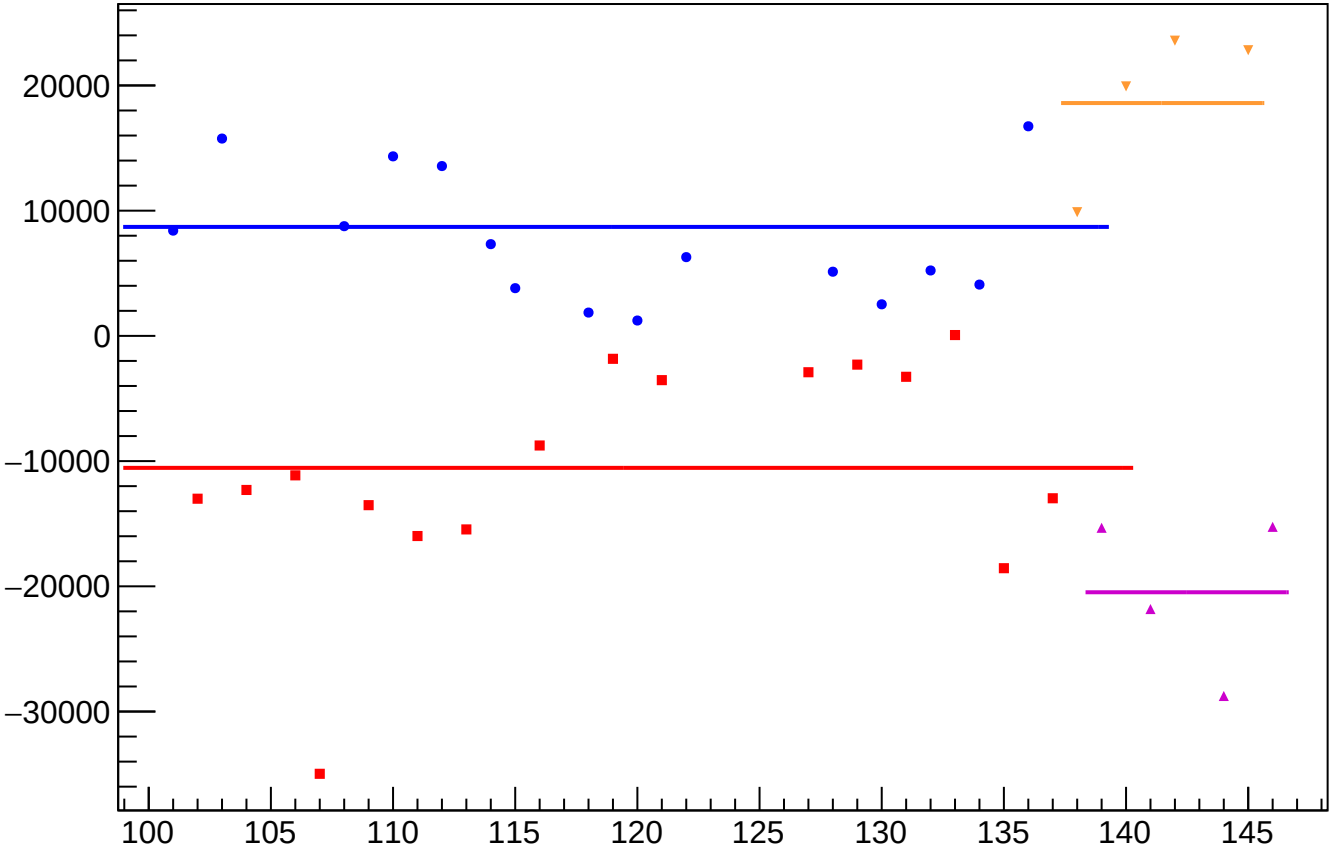
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

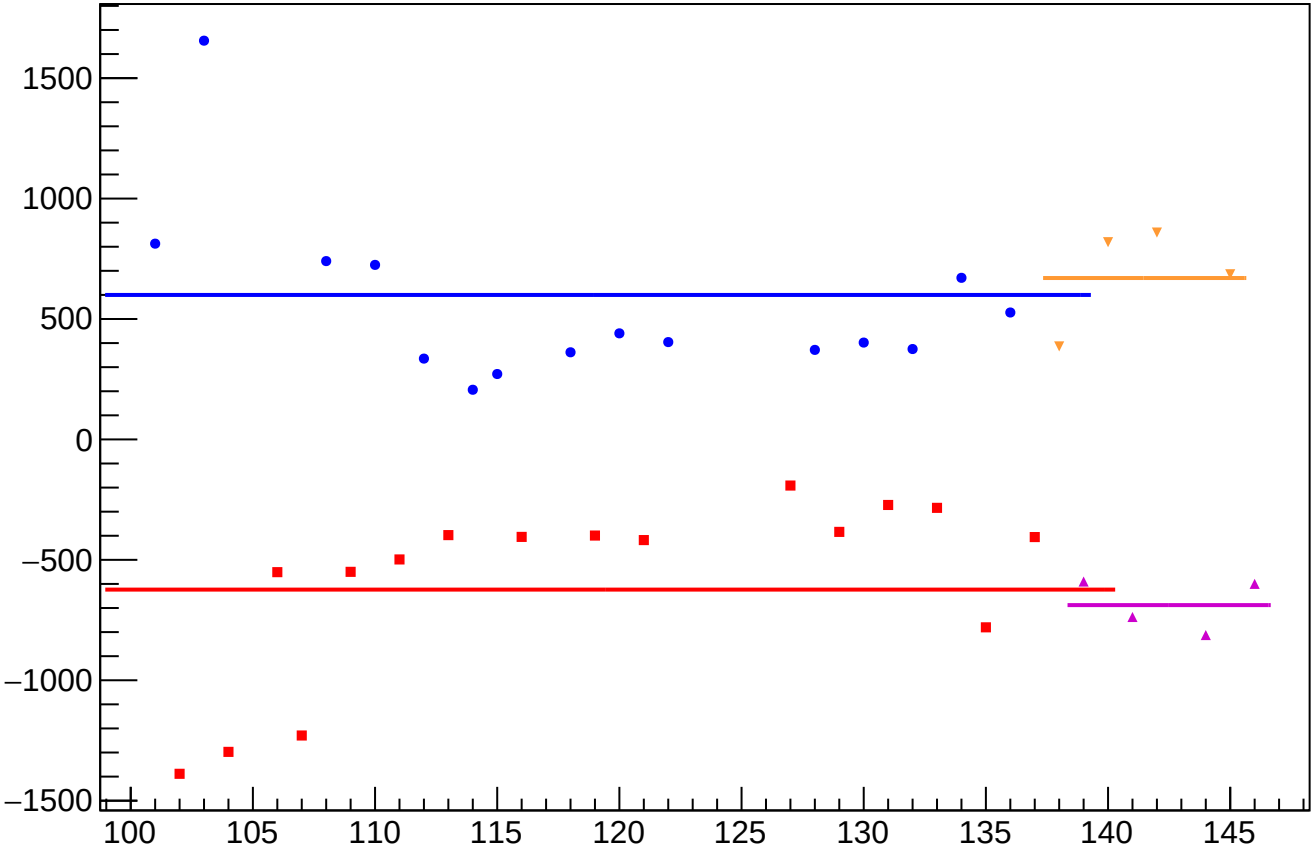
All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -2533.975+/-0.000 χ^2/NDF: 25624620637988
Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14
Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832
Left Out: 18594.873+/-0.000 χ^2/NDF:865486763909151278951086237434222372454 4.0/3
In: -1288.754+/-0.000 χ^2/NDF:219390981109532
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15
Out: -1774.636+/-0.000 χ^2/NDF:22520151078832
Left In: -20474.743+/-0.000 χ^2/NDF:106739948431138959653509327075530883727 36.0/3
All: -1527.565+/-0.000 χ^2/NDF: 4447070171

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -64.320+/-0.000 χ^2/NDF: 2990165404337653

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 670.110+/-0.000 χ^2/NDF:9762314580064223986080720250940162048.0/3

In: 158.846+/-0.000 χ^2/NDF:4608411063176992 7

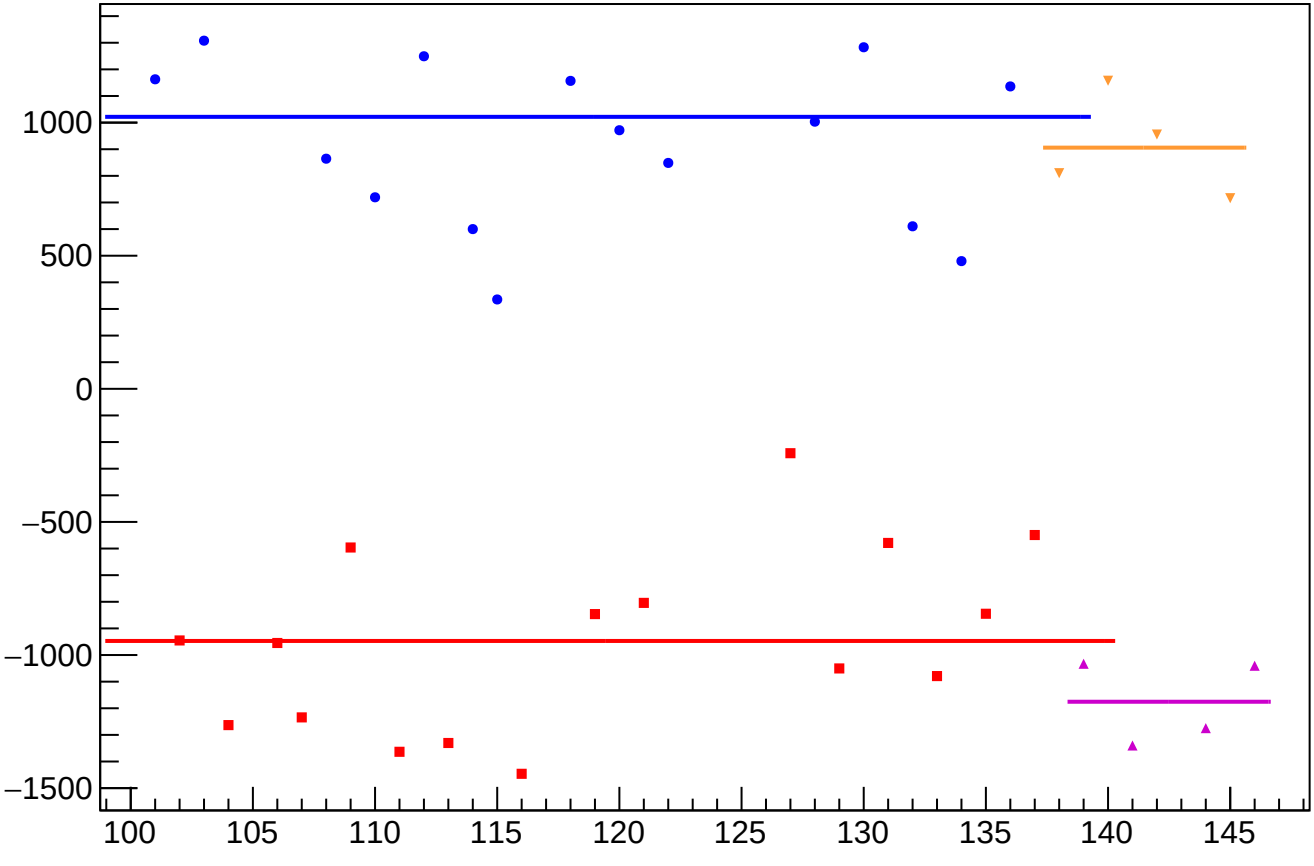
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: -234.380+/-0.000 χ^2/NDF:4470354894097 08

Left In: -687.934+/-0.000 χ^2/NDF:3003934531477629677262360708487577600.0/3

All: -34.425+/-0.000 χ^2/NDF: 982887518185

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 905.979+/-0.000 χ^2/NDF:8931377321680682768942488714049748992.0/3

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

Left: -219.675+/-0.000 χ^2/NDF: 687713195214897

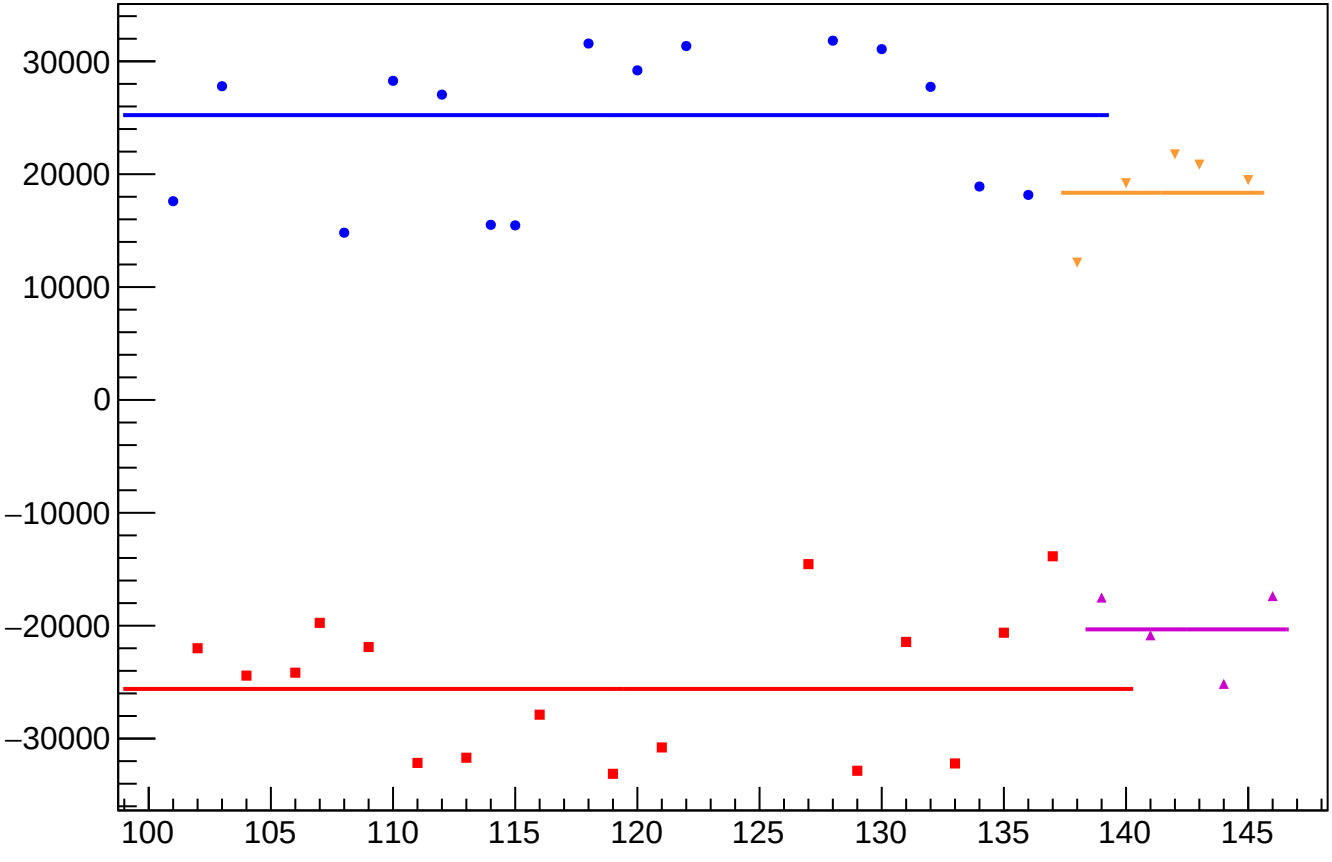
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

Out: -389.654+/-0.000 χ^2/NDF:765794314414556

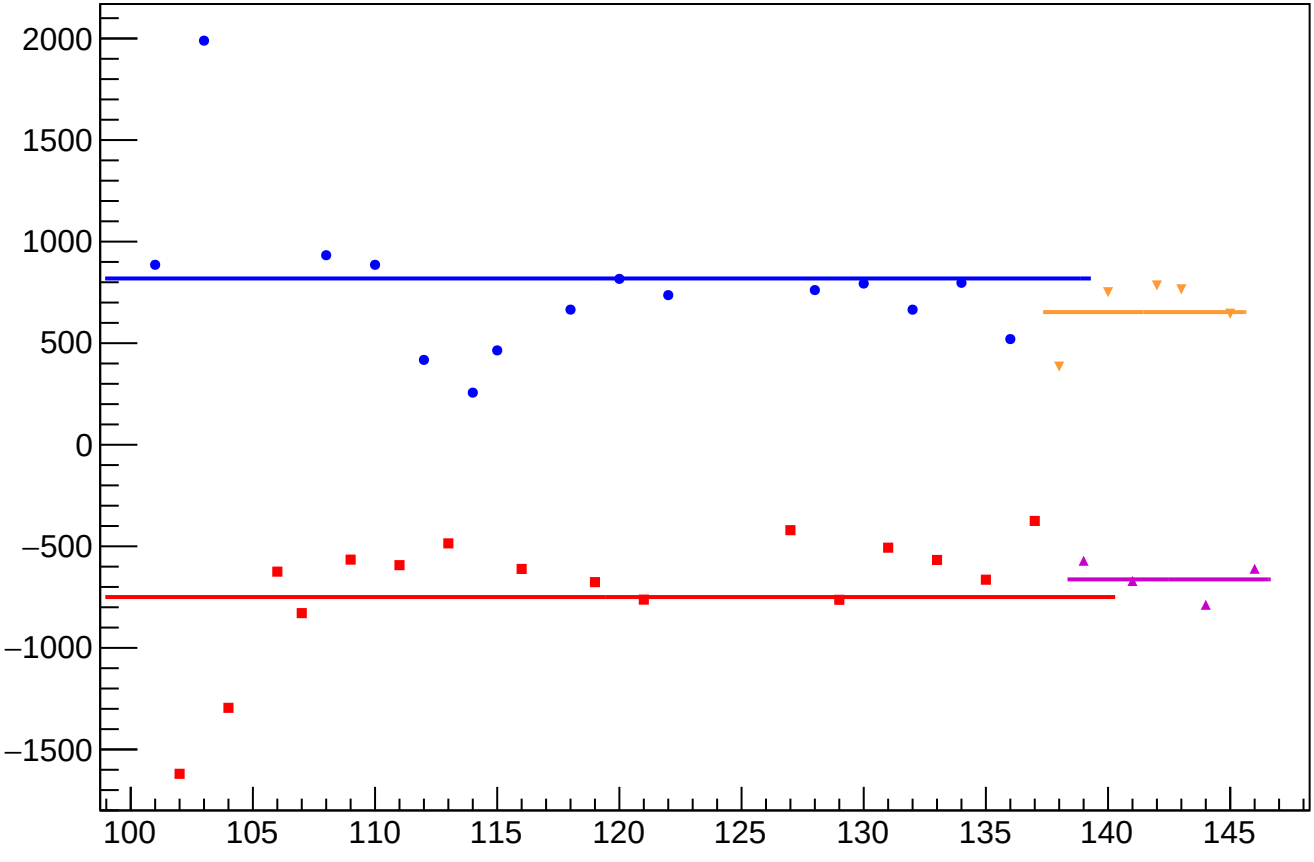
All: -54.596+/-0.000 χ^2/NDF: 209617270201

dit_usr_coil7_mean vs Slug, Sign Corrected



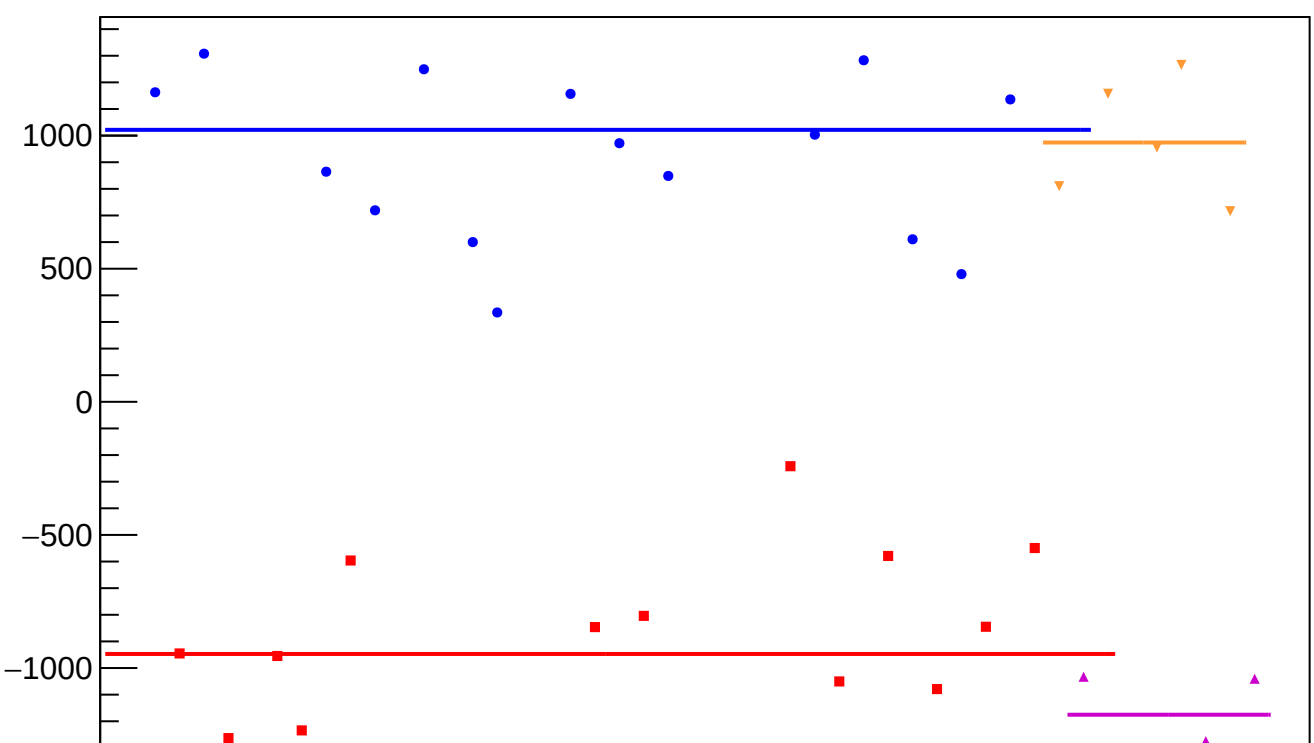
Left: -538.365+/-0.000 χ^2/NDF: 266302486345202
Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14
Right: -532.226+/-0.000 χ^2/NDF: 89888992461613
Left Out: 18356.079+/-0.000 χ^2/NDF:4099954384046490755893019675922383503360.0/4
In: 9630.310+/-0.000 χ^2/NDF:489317546188246
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15
Out: -10360.504+/-0.000 χ^2/NDF:4753168214096
Left In: -20327.221+/-0.000 χ^2/NDF:3464130717094535629752626872769411284992.0/3
All: -534.342+/-0.000 χ^2/NDF: 11651924280

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: 10.319+/-0.000 χ^2/NDF: 3096925582885239
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 652.987+/-0.000 χ^2/NDF:8043222145454992415081293253523275776.0/4
In: 311.346+/-0.000 χ^2/NDF:5956814823895233
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
Out: -263.337+/-0.000 χ^2/NDF:541004782018928
Left In: -662.771+/-0.000 χ^2/NDF:2308725724070213192726240447451627520.0/3
All: 19.139+/-0.000 χ^2/NDF: 1302429655041

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

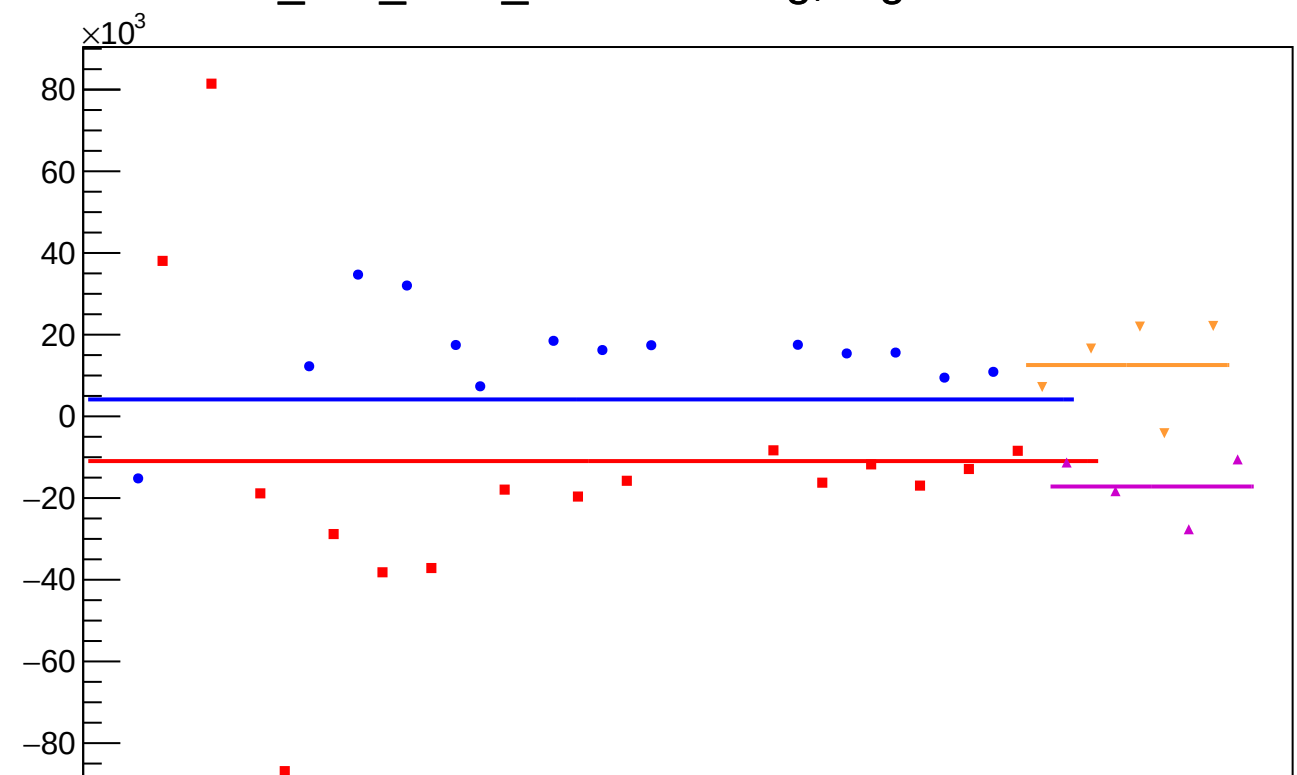
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -1959.736+/-0.000 χ^2/NDF: 20299198451018

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 12565.740+/-0.000 χ^2/NDF:337595912907149469357810018492227235348 48.0/4

In: -3155.147+/-0.000 χ^2/NDF:881014614727424

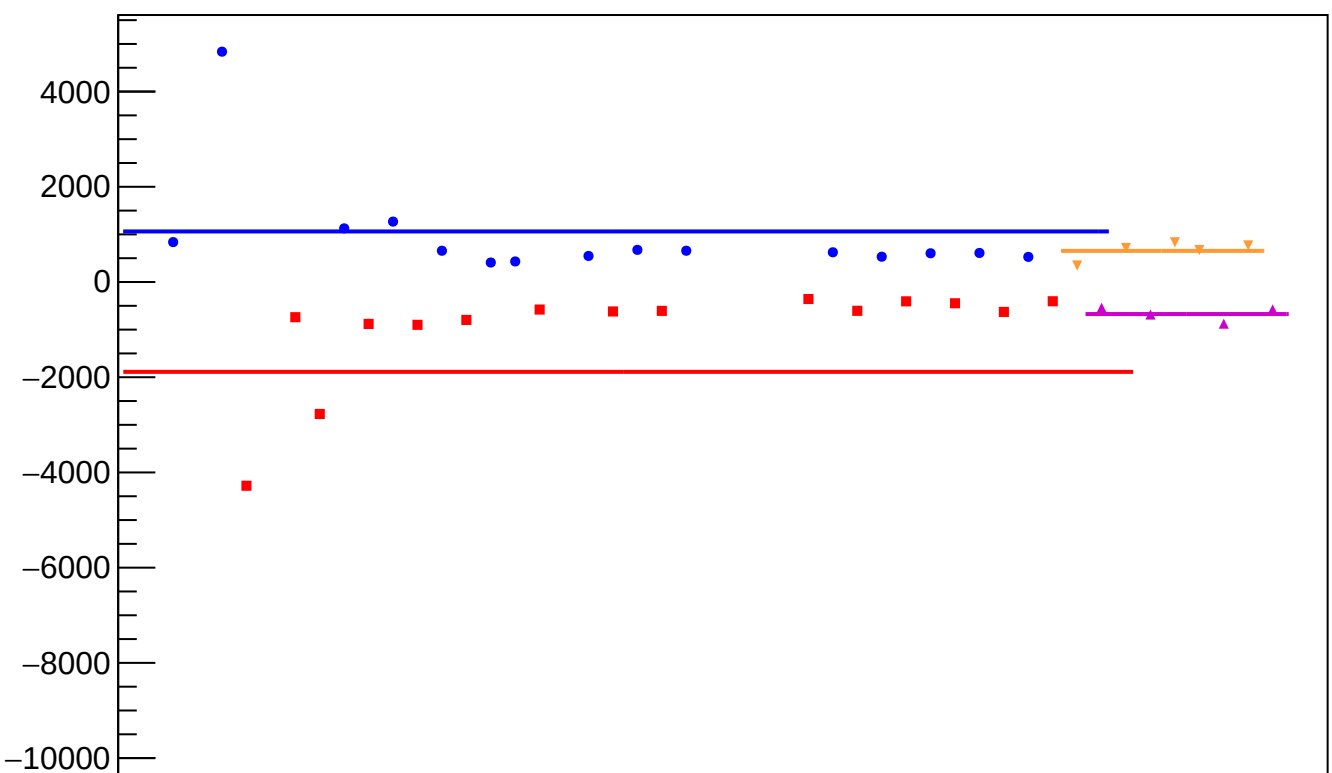
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: -2795.390+/-0.000 χ^2/NDF:10355736176685

Left In: -17172.808+/-0.000 χ^2/NDF:1631622408341024140501827032662524139929 6.0/3

All: -2972.223+/-0.000 χ^2/NDF: 1916653185

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: 5.639+/-0.000 χ^2/NDF: 320344963695692851

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 653.555+/-0.000 χ^2/NDF:102418910793390786791003594642088263 68.0/4

In: 467.956+/-0.000 χ^2/NDF:1627753855559973

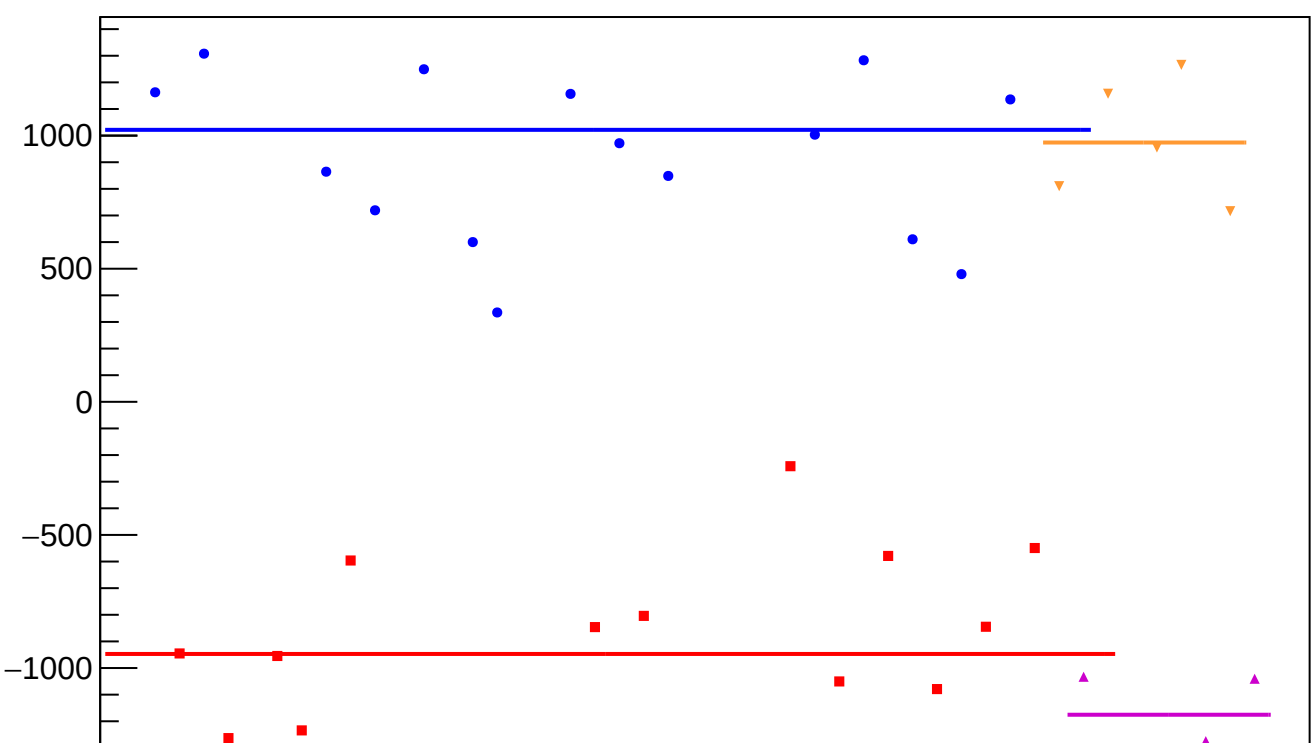
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -1006.192+/-0.000 χ^2/NDF:70288639577360

Left In: -672.947+/-0.000 χ^2/NDF:585358117140408391144670911036575744.0/3

All: -281.598+/-0.000 χ^2/NDF: 97472079528

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:159591275410533522671527540936451 03104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

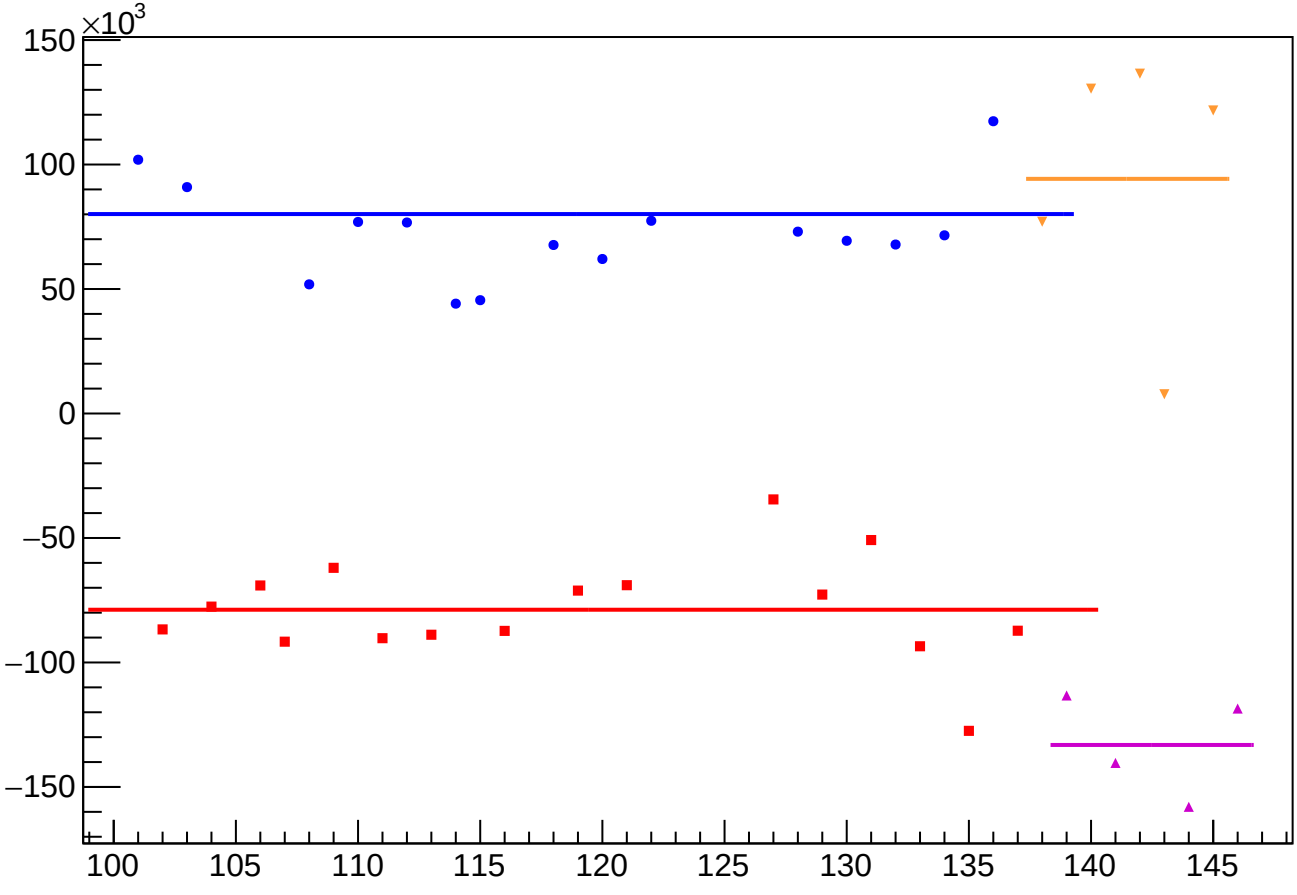
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -16814.211+/-0.000 χ^2/NDF: 9823710227428

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 94244.867+/-0.000 χ^2/NDF:7754081599845073015413599182376497651384 32.0/4

In: 7080.454+/-0.000 χ^2/NDF:1046897264371301

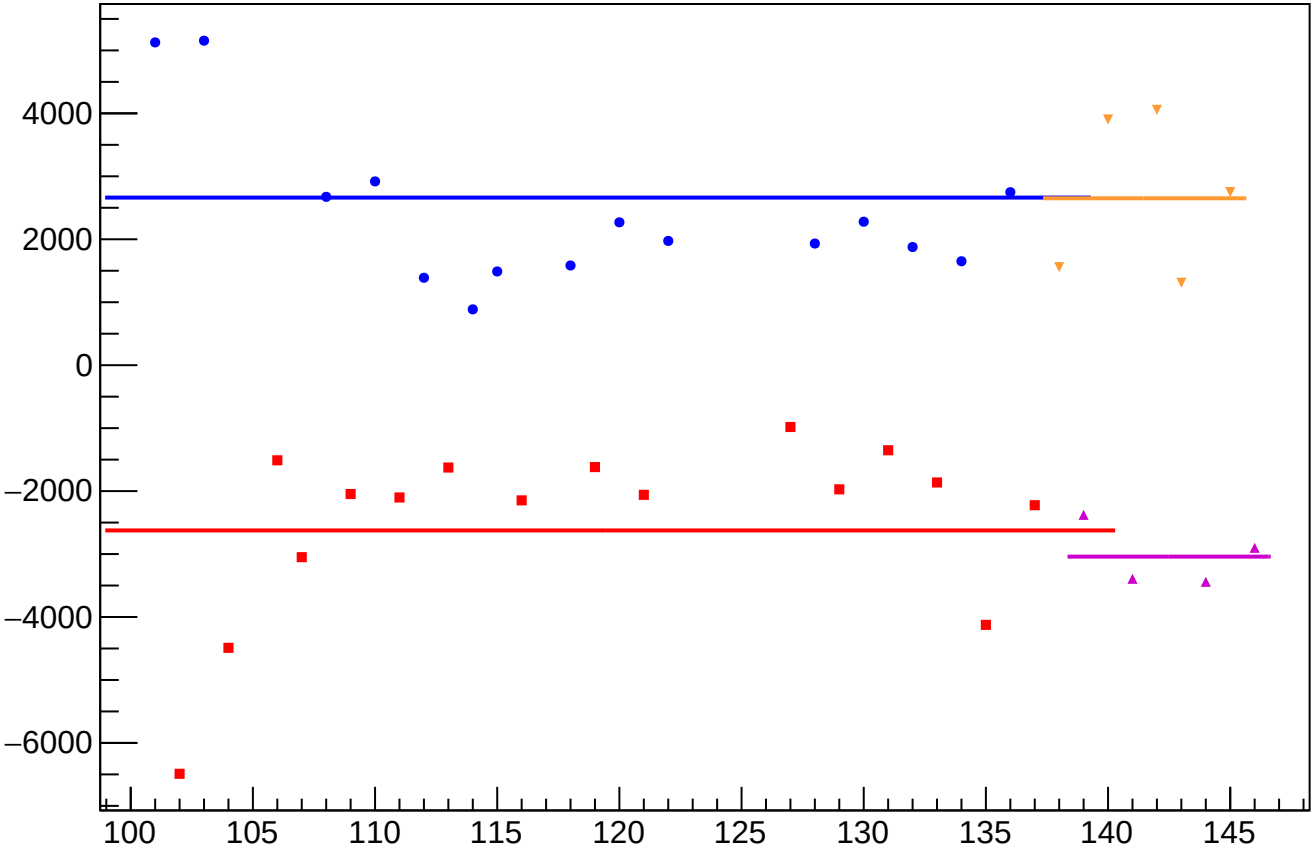
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: -18812.417+/-0.000 χ^2/NDF:7987768549751

Left In: -133130.524+/-0.000 χ^2/NDF:1090582402090737385314930208076533837332 48.0/3

All: -6085.194+/-0.000 χ^2/NDF: 1879320595

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -129.129+/-0.000 χ^2/NDF: 609795620876877

Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

Right: -17.413+/-0.000 χ^2/NDF: 117922842657675

Left Out: 2651.057+/-0.000 χ^2/NDF:4339404123854928042072033912134419087 36.0/4

In: 709.144+/-0.000 χ^2/NDF:832225247859258 58

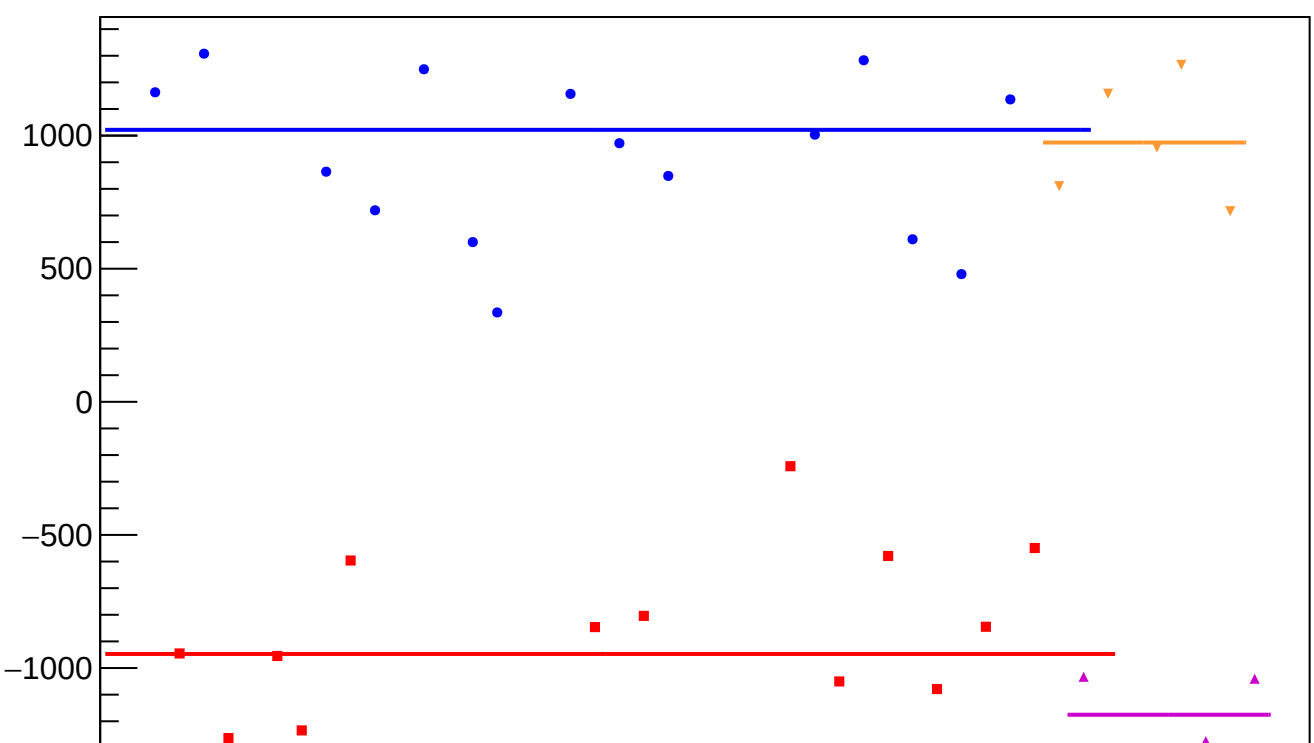
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Out: -795.493+/-0.000 χ^2/NDF:8437479868580 22

Left In: -3040.922+/-0.000 χ^2/NDF:6204998184328624064498054785026700083 2.0/3

All: -55.913+/-0.000 χ^2/NDF: 178959006592

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:15959127541053352267152754093645103104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572

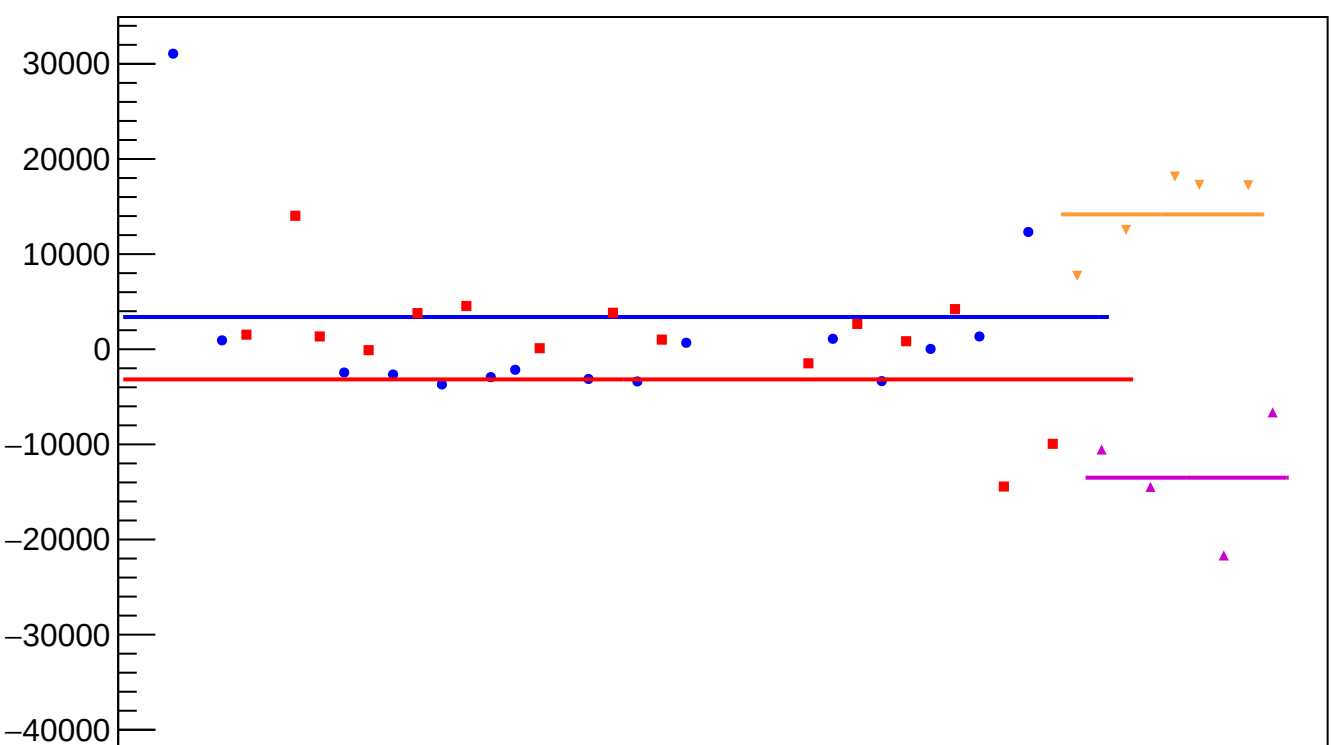
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 659.884+/-0.000 χ^2/NDF: 1487338417461851

Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 14179.704+/-0.000 χ^2/NDF:560529227579021550585505042775595286528 0.0/4

In: -2393.626+/-0.000 χ^2/NDF:139930979218248

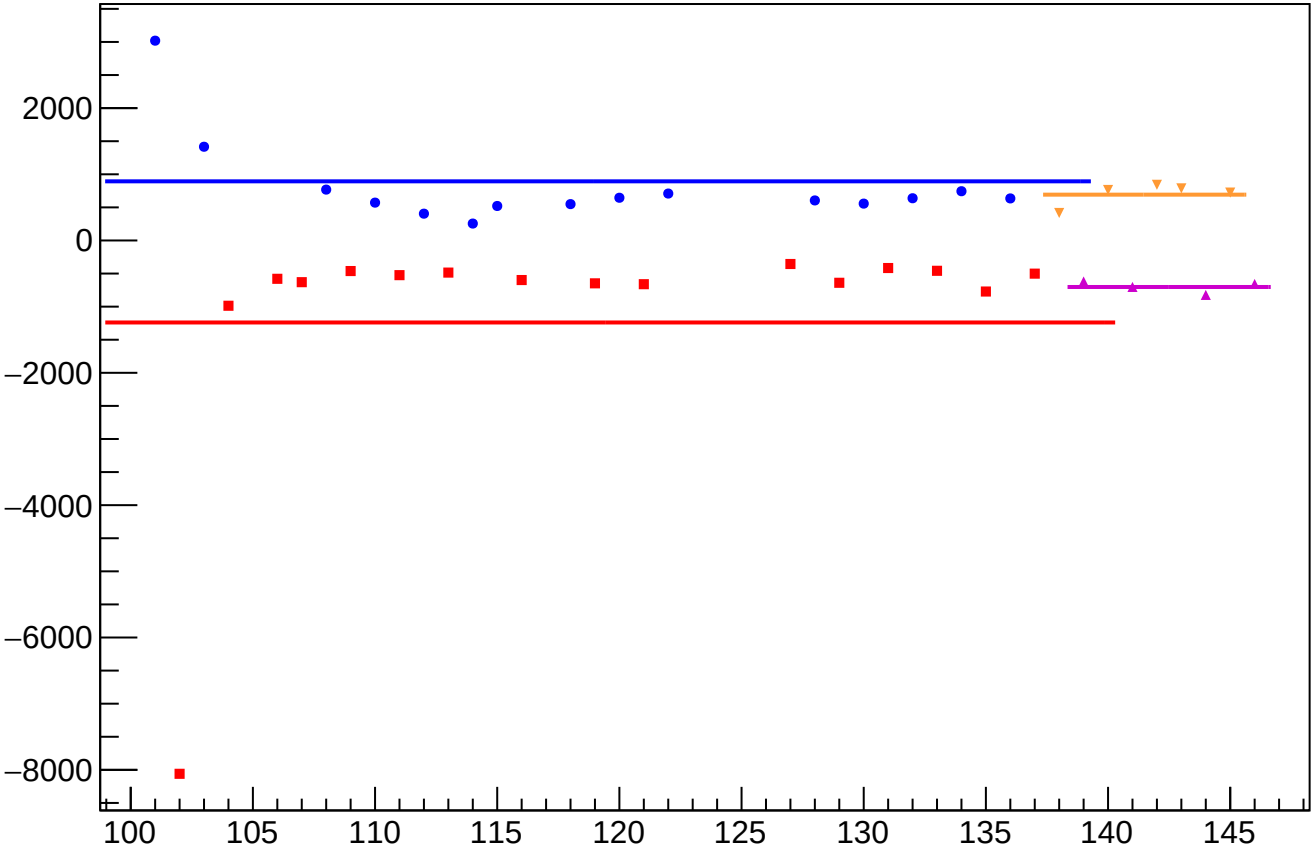
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 2847.172+/-0.000 χ^2/NDF:212950824850153

Left In: -13499.928+/-0.000 χ^2/NDF:1065337619138031505911374153485496877056 0.0/3

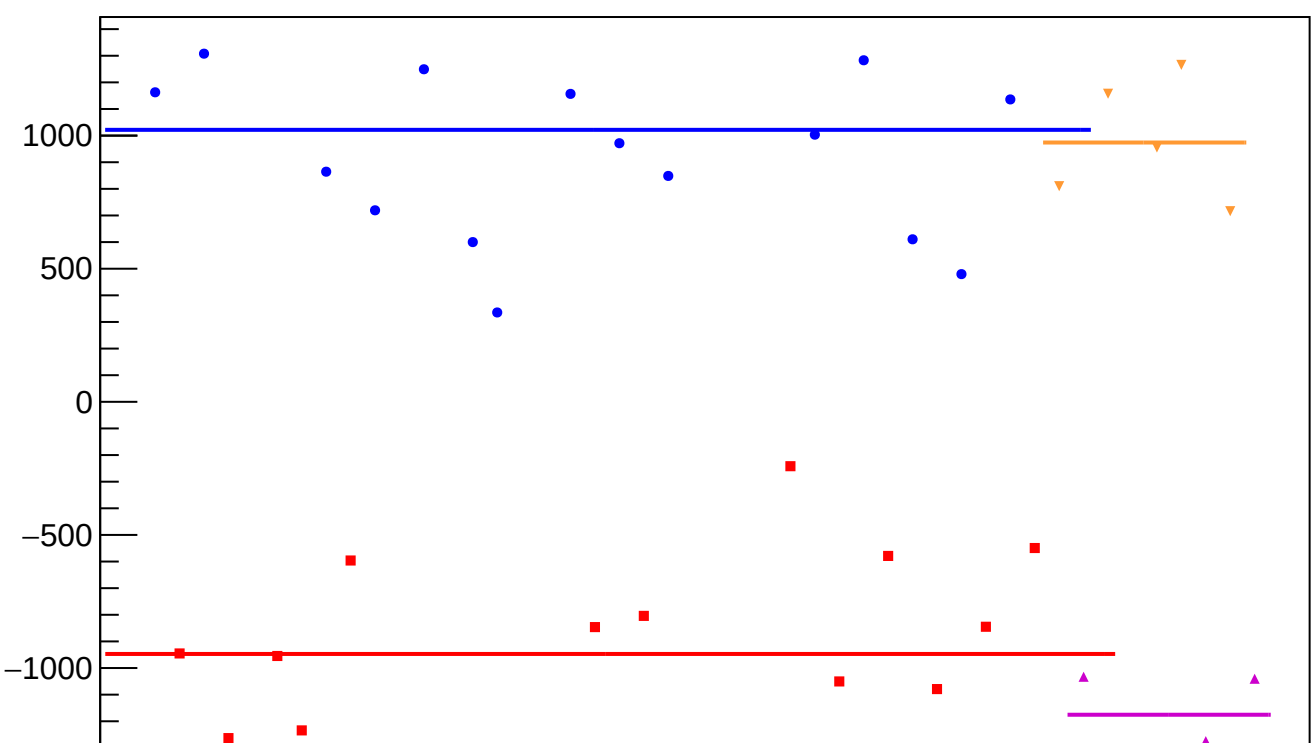
All: 271.142+/-0.000 χ^2/NDF: 366665762132

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: 10.821+/-0.000 χ^2/NDF: 3467431164328980
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 692.363+/-0.000 χ^2/NDF:808878709993564712877088580928169574 4.0/4
In: 346.901+/-0.000 χ^2/NDF:9031834349972699
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -569.555+/-0.000 χ^2/NDF:384198919004955
Left In: -702.984+/-0.000 χ^2/NDF:200451870234030839219063547488947404 8.0/3
All: -119.086+/-0.000 χ^2/NDF: 5166677399

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:15959127541053352267152754093645103104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572

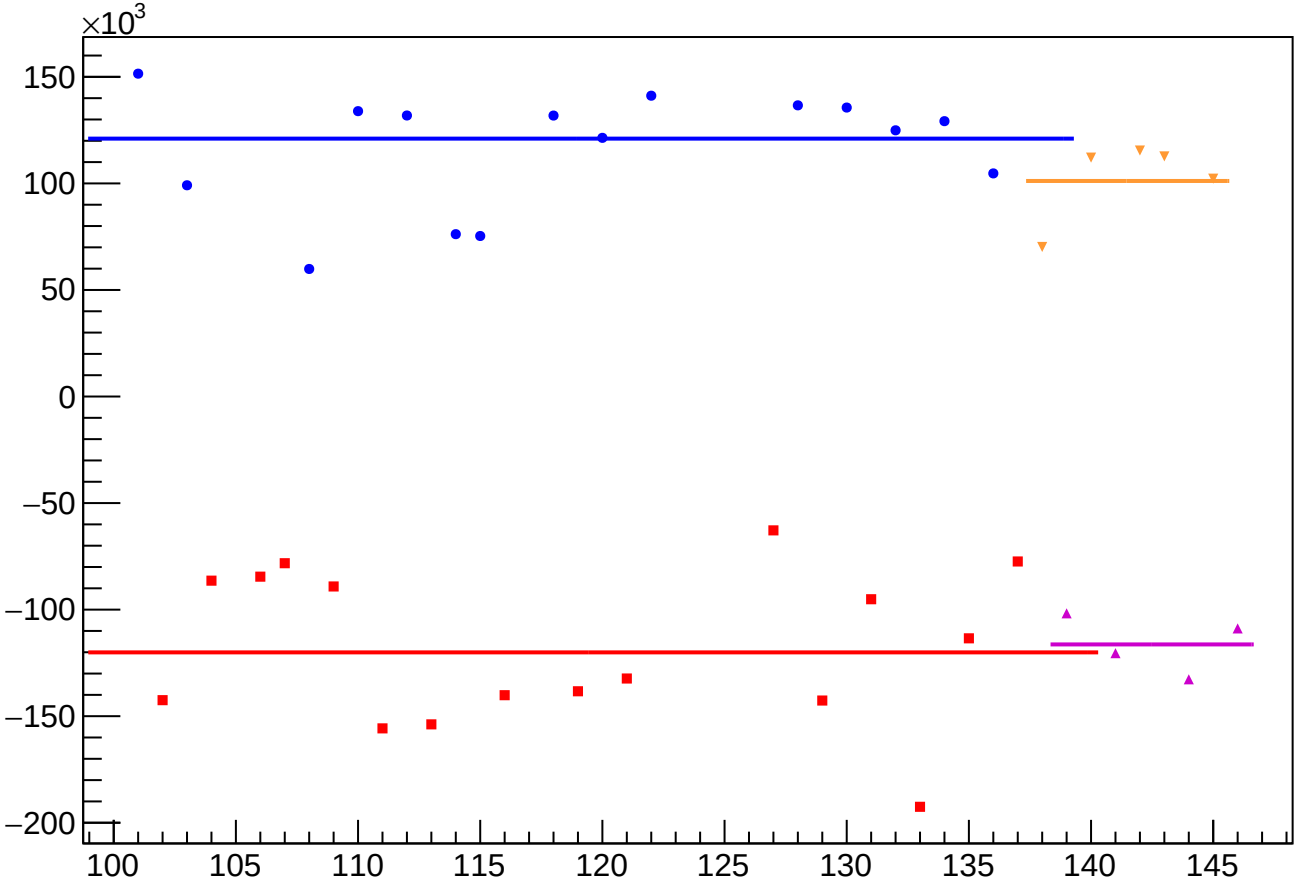
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

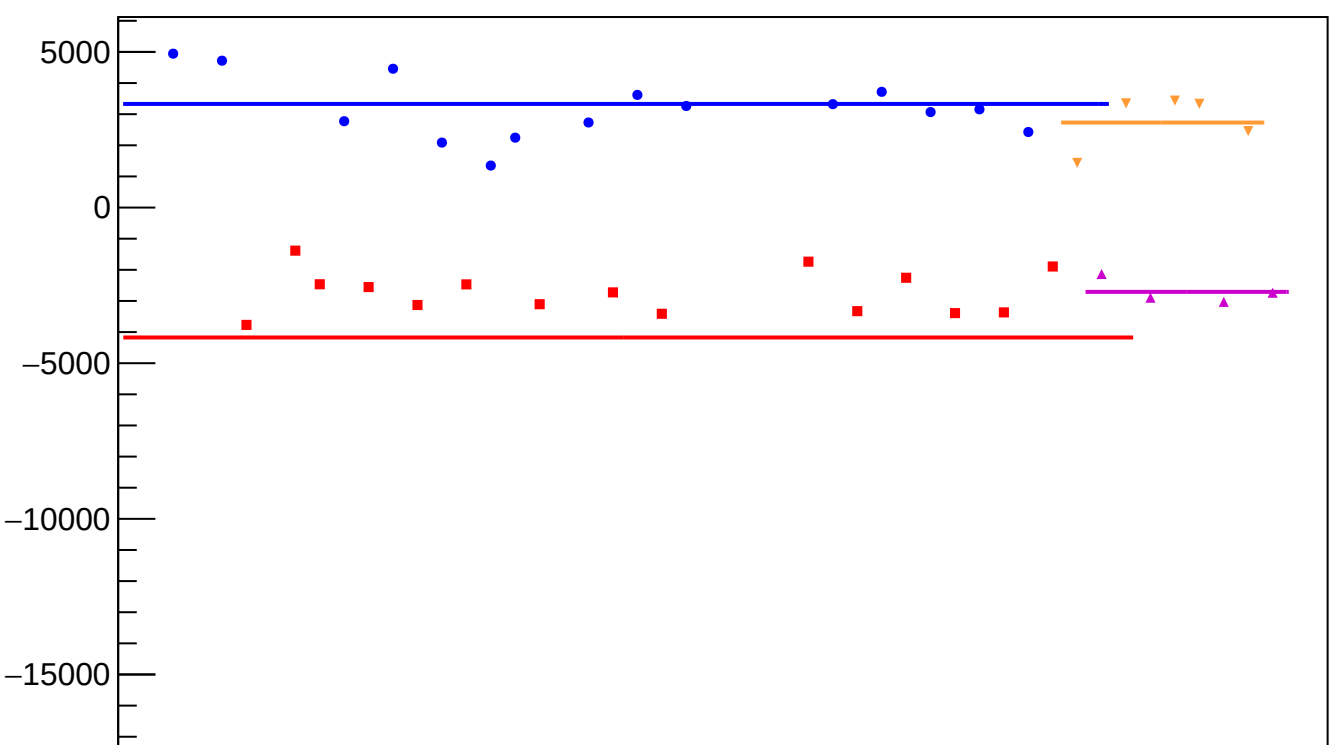
All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_atr2_coil7_mean vs Slug, Sign Corrected



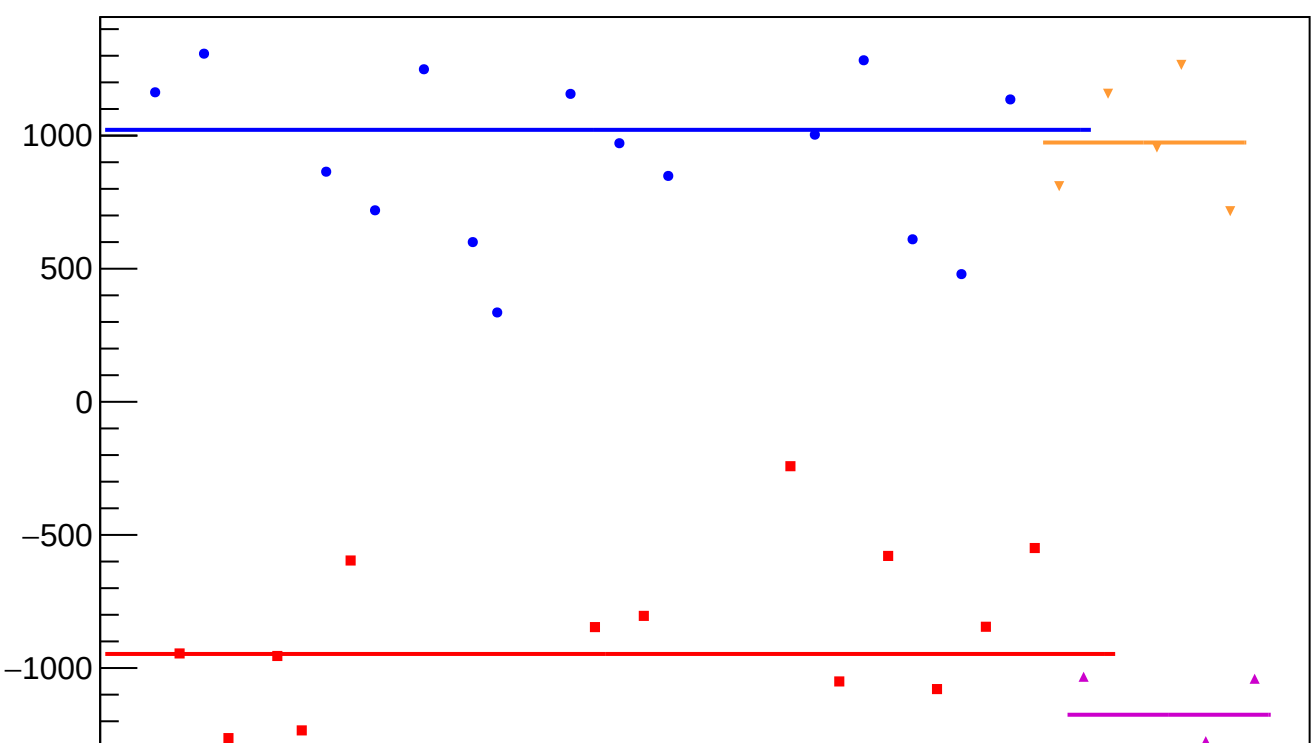
Left: -5076.239+/-0.000 χ^2/NDF: 83279564761436
Right In: 121016.482+/-0.000 χ^2/NDF: 35871385640430355498778497598360966817382 4.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 101147.252+/-0.000 χ^2/NDF:1030143953614533079203401932913127928627 20.0/4
In: 39737.398+/-0.000 χ^2/NDF:1292586093076 54
Right Out: -120060.693+/-0.000 χ^2/NDF: 8284197823467076014486203100141359527362 56.0/15
Out: -43363.717+/-0.000 χ^2/NDF:1224774314132
Left In: -116328.061+/-0.000 χ^2/NDF:4719272159162089126350579021714330904166 4.0/3
All: -2516.705+/-0.000 χ^2/NDF: 2863931945

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: 74.266+/-0.000 χ^2/NDF: 5370276608259978
Right In: 3329.488+/-0.000 χ^2/NDF: 5670347743984563762275268245137213358 08.0/14
Right: -473.285+/-0.000 χ^2/NDF: 32582486462967
Left Out: 2731.099+/-0.000 χ^2/NDF:2154990743714123605612712832825326305 28.0/4
In: 1261.824+/-0.000 χ^2/NDF:8708158190953644
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15
Out: -1779.502+/-0.000 χ^2/NDF:24738576840810
Left In: -2708.335+/-0.000 χ^2/NDF:3888652369488646566094201135524164403 2.0/3
All: -284.587+/-0.000 χ^2/NDF: 38088734190

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:15959127541053352267152754093645103104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572

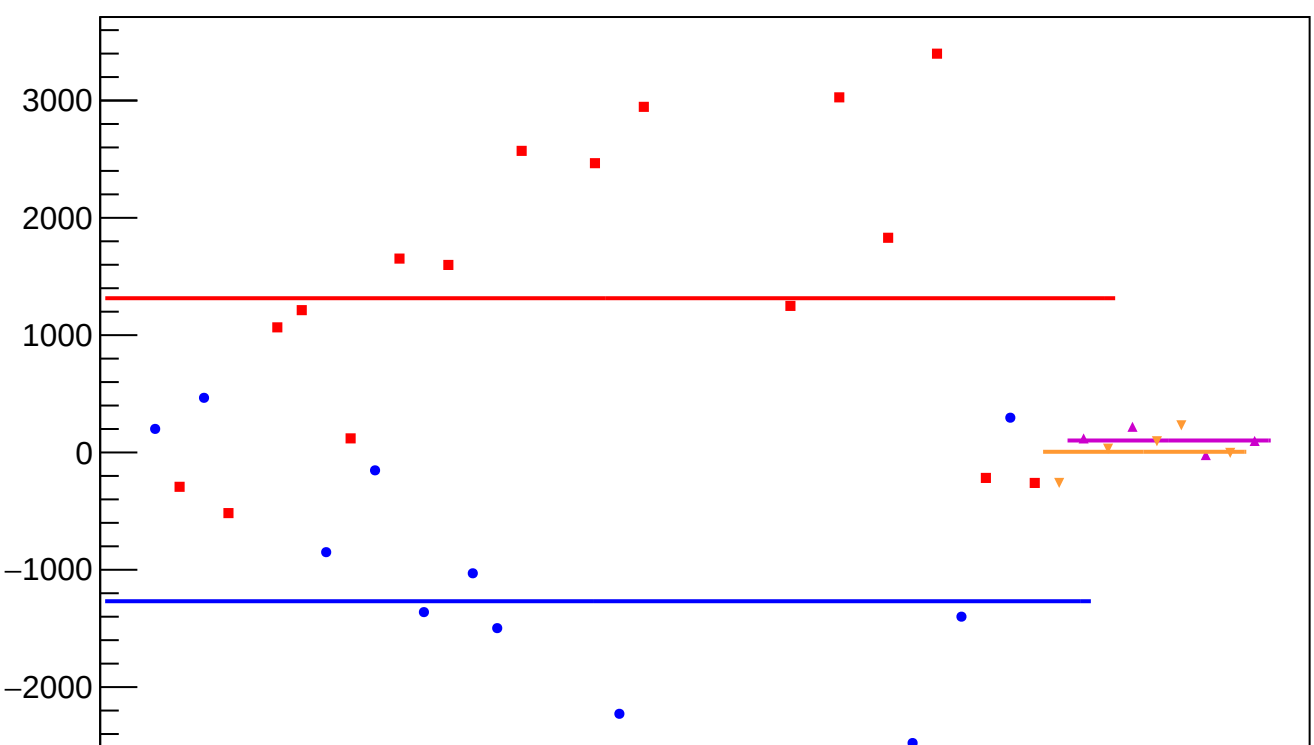
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 52.777+/-0.000 χ^2/NDF: 1350431234665607

Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815

Left Out: 5.749+/-0.000 χ^2/NDF:9337931916452863488731715506205097984.0/4

In: -798.870+/-0.000 χ^2/NDF:1512043973865350

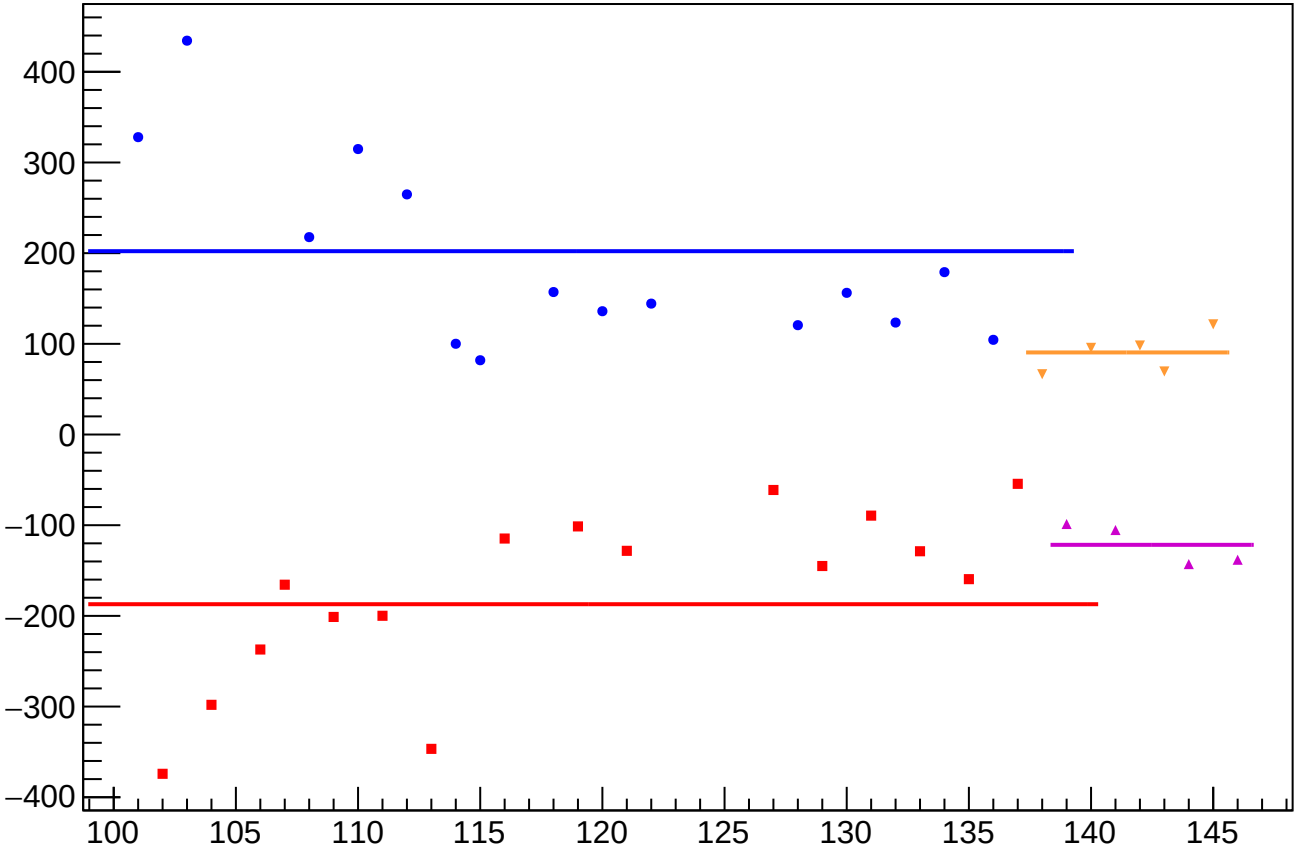
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15

Out: 860.906+/-0.000 χ^2/NDF:1504082585252456

Left In: 102.032+/-0.000 χ^2/NDF:2563458602788665029488202700942213120.0/3

All: 45.070+/-0.000 χ^2/NDF: 4398667694244

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.113+/-0.000 χ^2/NDF: 8068920445467682

Right In: 202.191+/-0.000 χ^2/NDF: 7027941052752849066369040650615128064.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950

Left Out: 90.520+/-0.000 χ^2/NDF:1571665180709301868093388555183718 40.0/4

In: 91.290+/-0.000 χ^2/NDF:3046431513268547

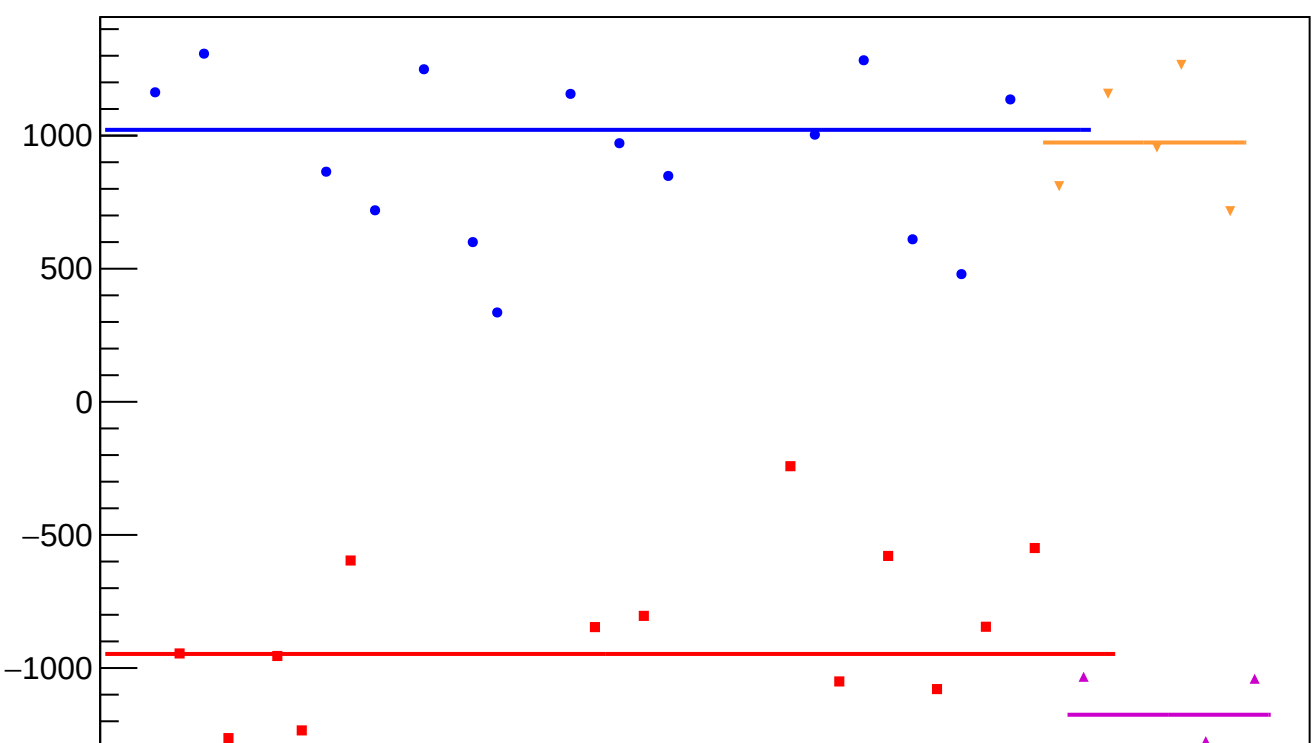
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138 9312.0/15

Out: -90.861+/-0.000 χ^2/NDF:2421445375023069

Left In: -121.651+/-0.000 χ^2/NDF:1280552710570450490702193421755351 04.0/3

All: -1.327+/-0.000 χ^2/NDF: 7132990025222

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:159591275410533522671527540936451 03104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

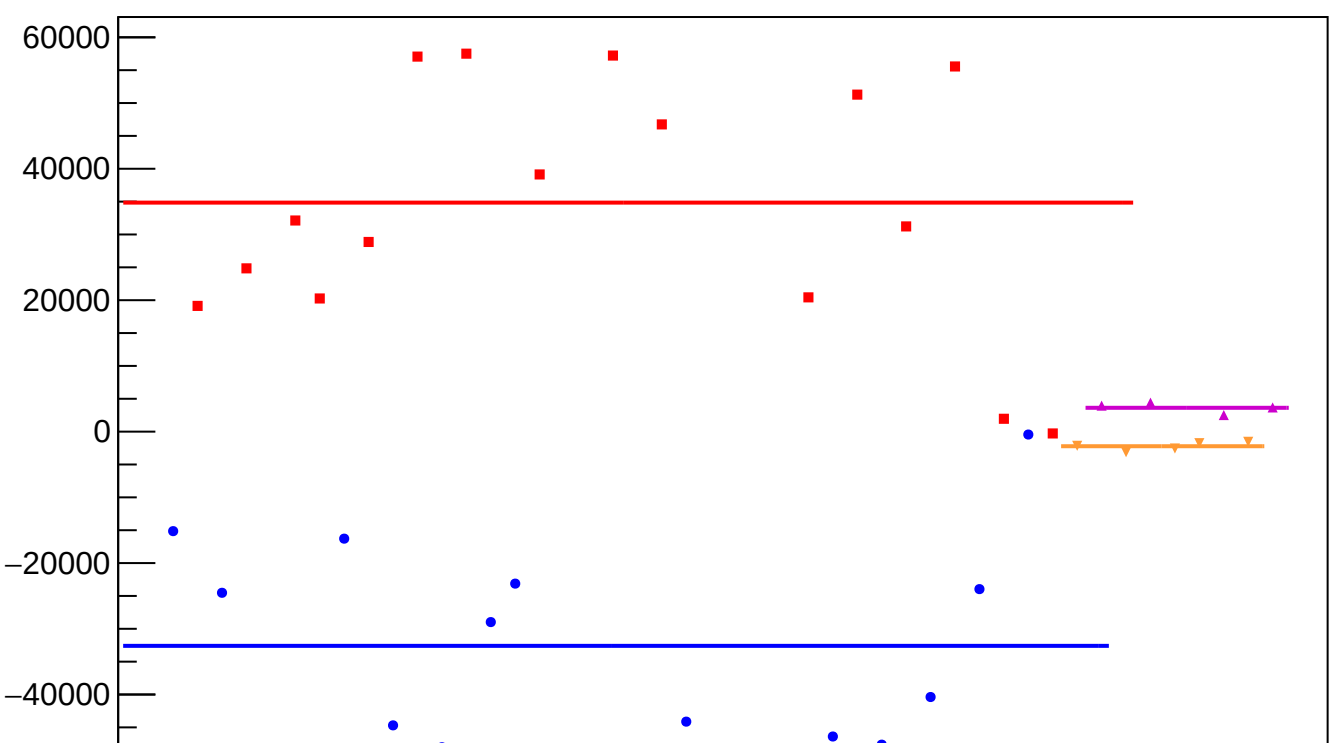
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 635.889+/-0.000 χ^2/NDF: 6206588135629181

Right In: -32594.962+/-0.000 χ^2/NDF: 20915036920700056448972452902092252014 1824.0/14

Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603

Left Out: -2220.203+/-0.000 χ^2/NDF:1245874378742081543906406059468904202 24.0/4

In: -20190.621+/-0.000 χ^2/NDF:50092368573537

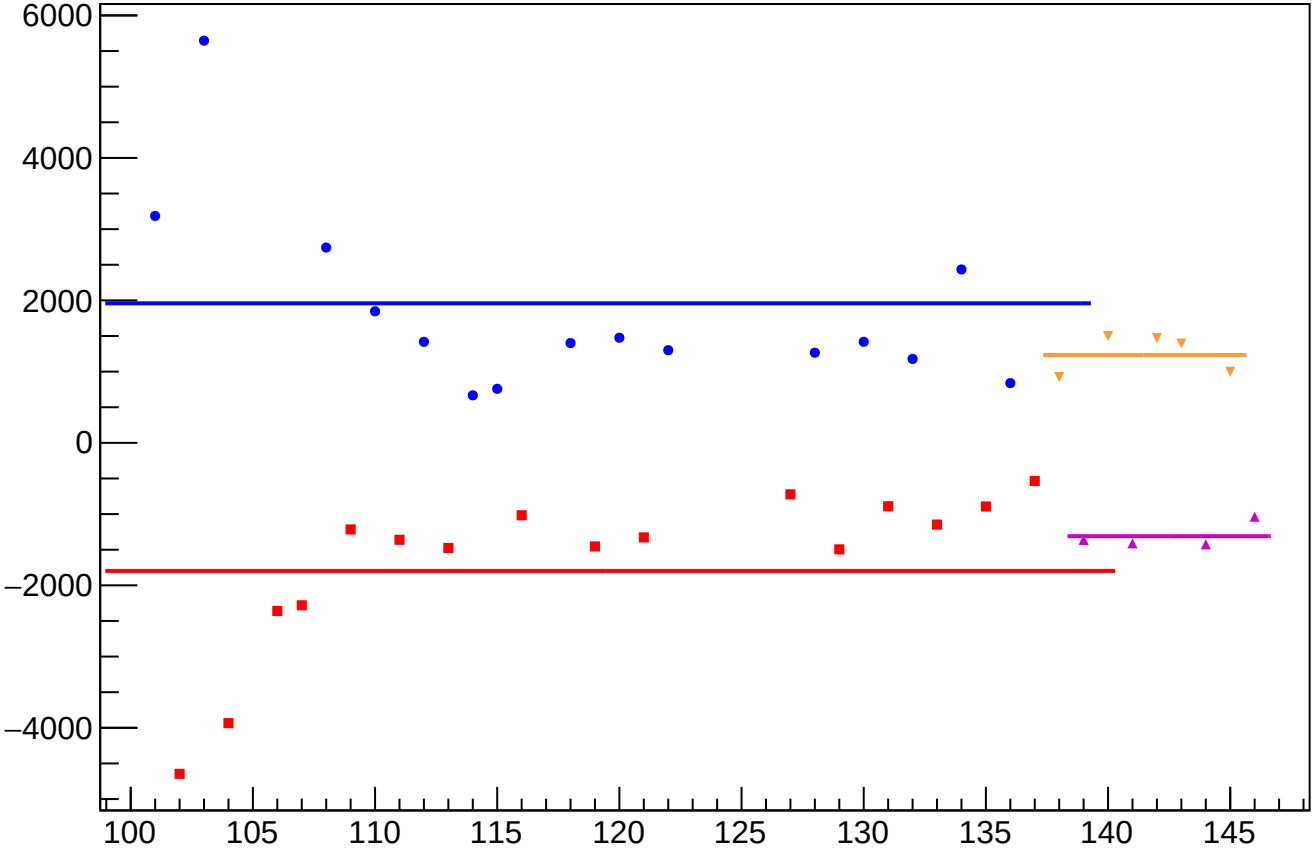
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15

Out: 21995.783+/-0.000 χ^2/NDF:53901834431562

Left In: 3627.181+/-0.000 χ^2/NDF:1699645049056385675313247871376828661 76.0/3

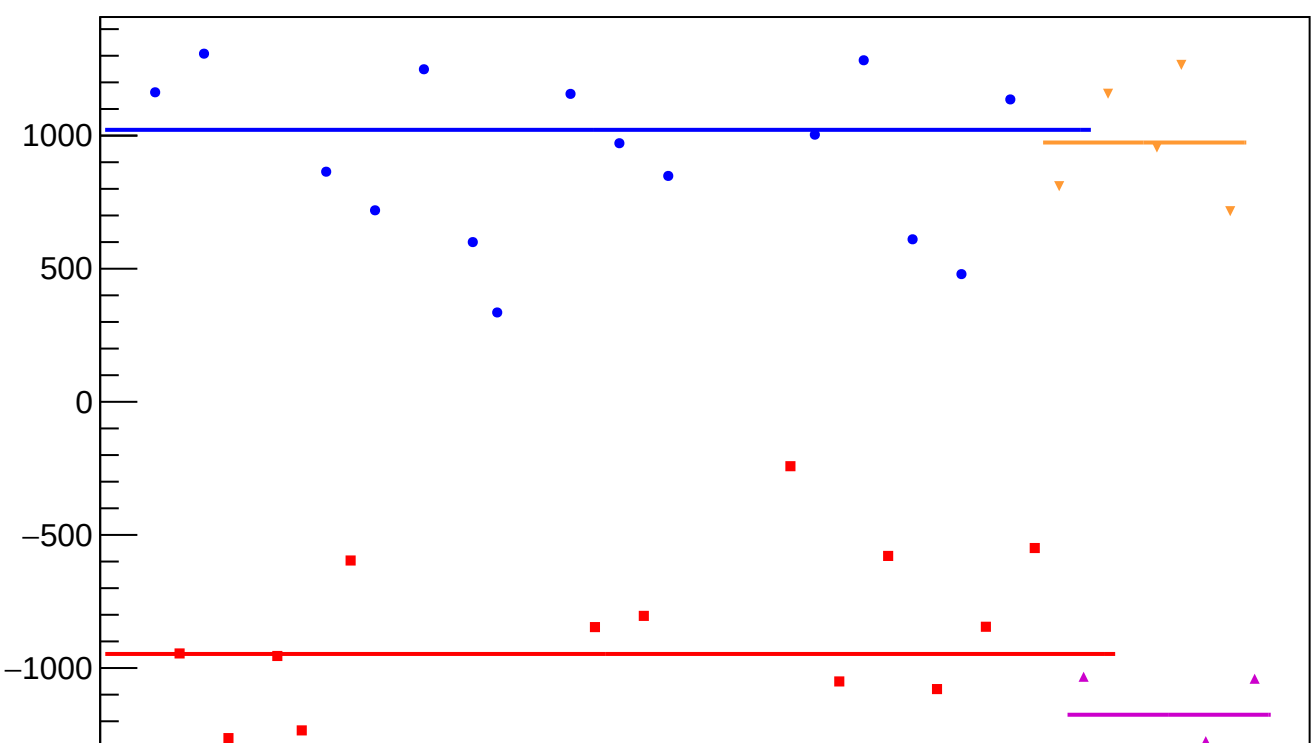
All: 1259.737+/-0.000 χ^2/NDF: 19330916347

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -8.732+/-0.000 χ^2/NDF: 11501006431521794
Right In: 1958.835+/-0.000 χ^2/NDF: 11893229996313584316006436929811901317 12.0/14
Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108
Left Out: 1234.127+/-0.000 χ^2/NDF:2211890943836931272285110411678711808 0.0/4
In: 839.271+/-0.000 χ^2/NDF:3573206510454785
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15
Out: -746.307+/-0.000 χ^2/NDF:310253351668030
Left In: -1310.424+/-0.000 χ^2/NDF:8450991204366017501874470317256081408.0/3
All: 33.058+/-0.000 χ^2/NDF: 7937435270615

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

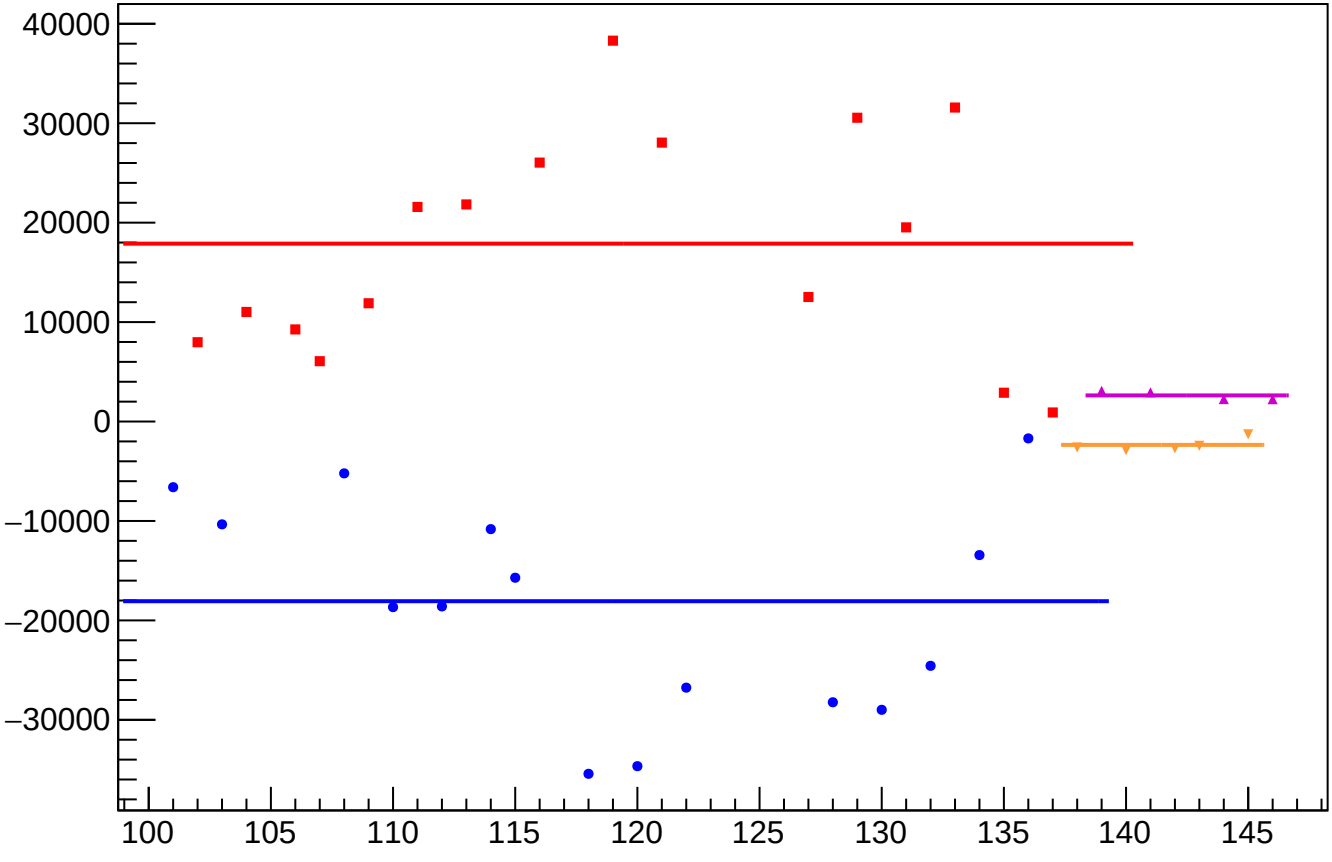
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

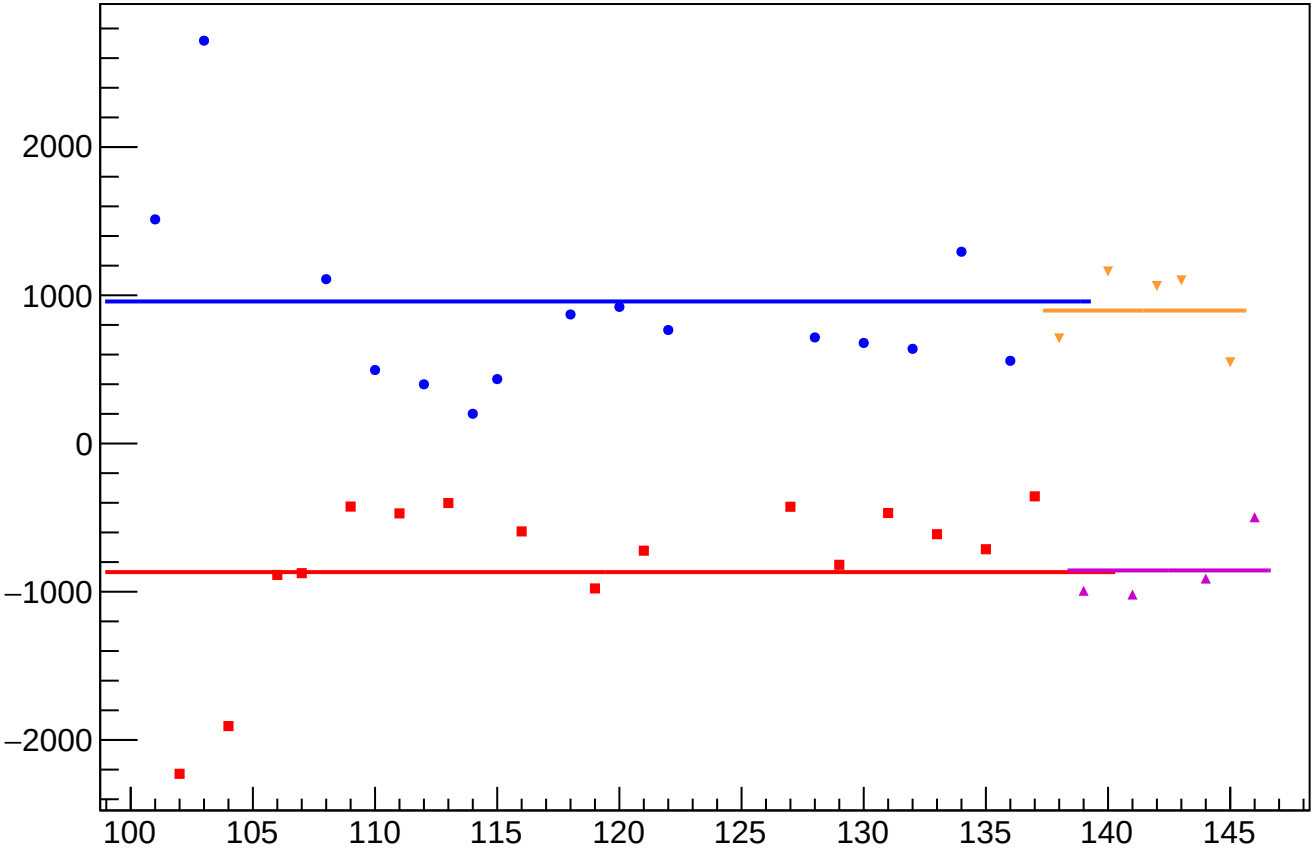
All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_sam3_coil7_mean vs Slug, Sign Corrected



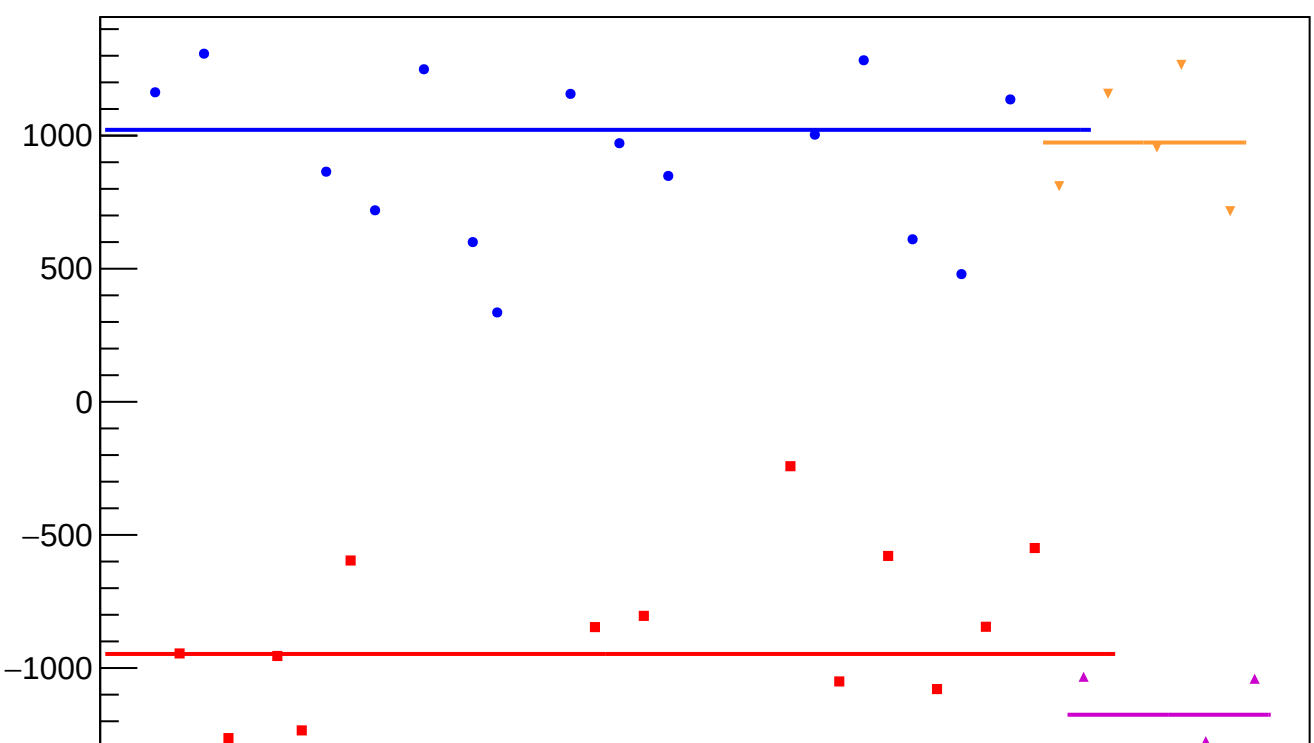
Left: 81.762+/-0.000 χ^2/NDF: 4455374202814659
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -2348.340+/-0.000 χ^2/NDF:1256155700295030695532516984163464642 56.0/4
In: -10981.355+/-0.000 χ^2/NDF:1795525081093 9
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 10871.776+/-0.000 χ^2/NDF:1732366959662 9
Left In: 2626.899+/-0.000 χ^2/NDF:4977932981372125487082951655222044 2624.0/3
All: 130.222+/-0.000 χ^2/NDF: 5924552459 95

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: 40.581+/-0.000 χ^2/NDF: 5685724306150421
Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14
Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451
Left Out: 896.914+/-0.000 χ^2/NDF:2237277989550408183434258212393582592 0.0/4
In: 336.964+/-0.000 χ^2/NDF:1011366810254749
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15
Out: -255.769+/-0.000 χ^2/NDF:958486222249362
Left In: -856.288+/-0.000 χ^2/NDF:1473097087338809397232552378716966092 8.0/3
All: 35.579+/-0.000 χ^2/NDF: 214617108502

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:15959127541053352267152754093645103104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572

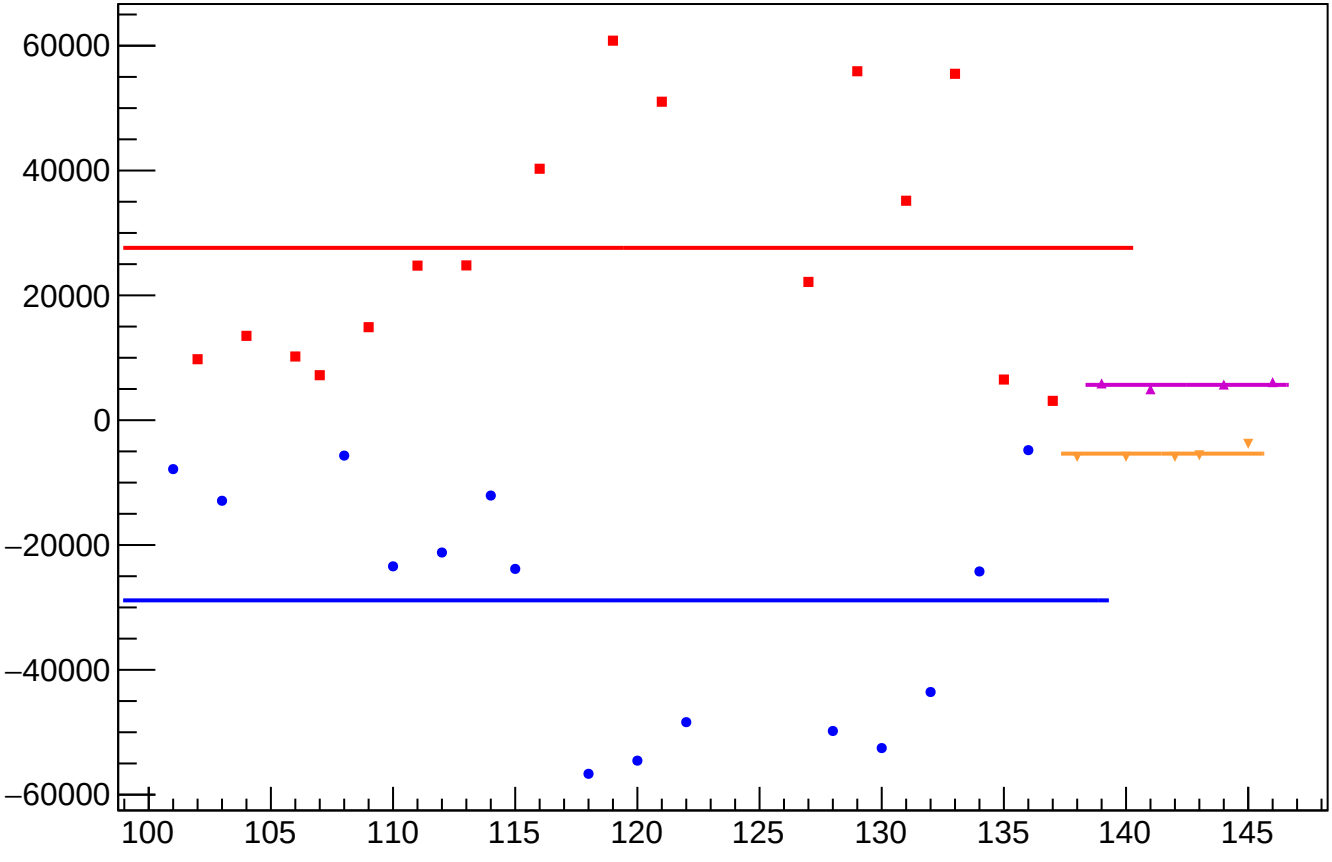
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

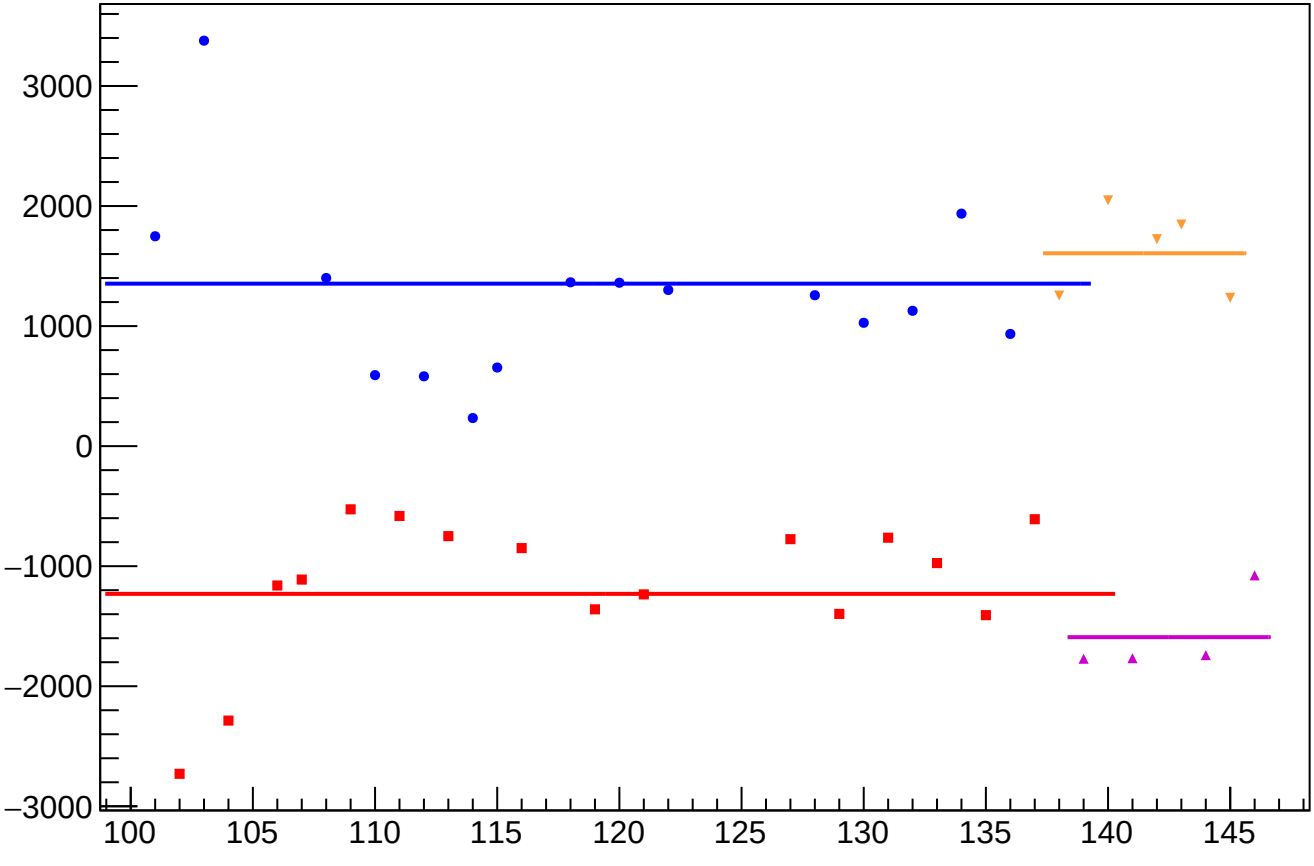
All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_sam4_coil7_mean vs Slug, Sign Corrected



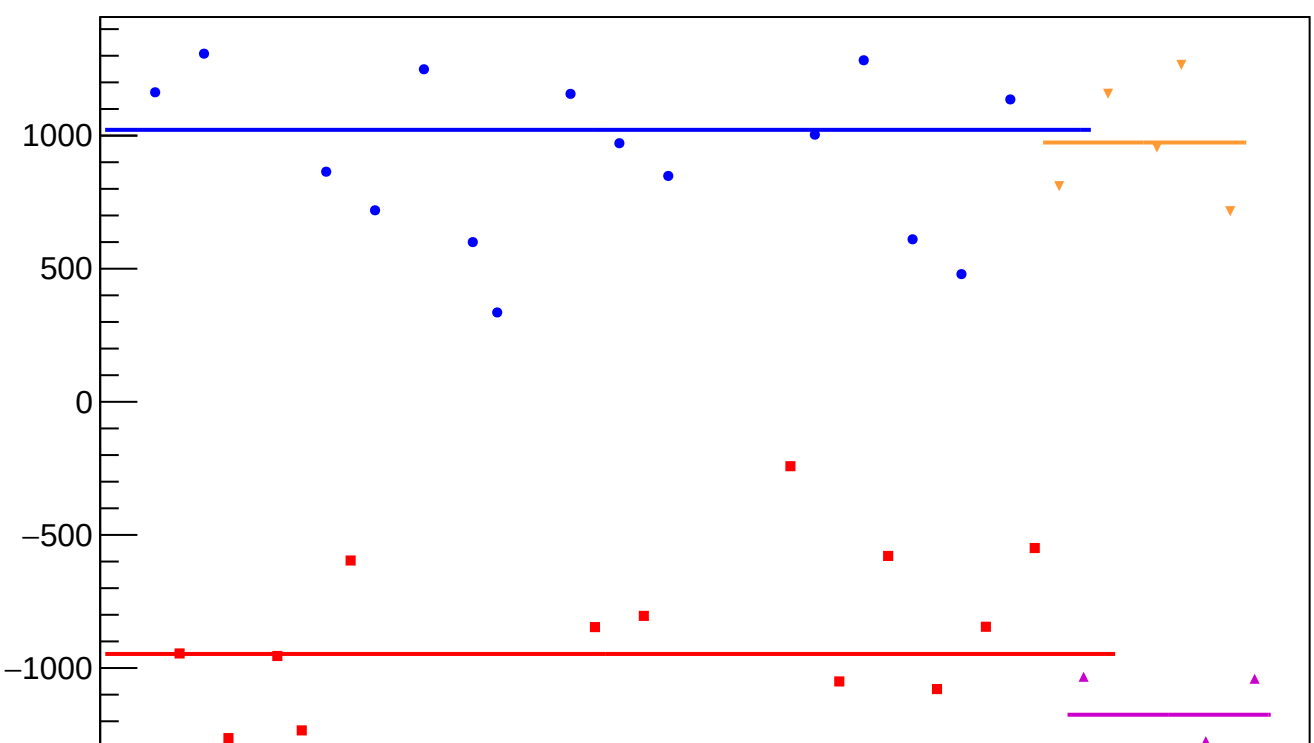
Left: 23.715+/-0.000 χ^2/NDF: 2131794327663424
Right In: -28868.624+/-0.000 χ^2/NDF: 2614507010957273629613676579265841243095 04.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -5358.268+/-0.000 χ^2/NDF:2624124787806062066560119983881070837 76.0/4
In: -17044.072+/-0.000 χ^2/NDF:52649397605539
Right Out: 27610.848+/-0.000 χ^2/NDF: 2480979834775235049357515713844001185 46432.0/15
Out: 16179.832+/-0.000 χ^2/NDF:49973301284807
Left In: 5660.468+/-0.000 χ^2/NDF:6239018405039383083341833968043635 5072.0/3
All: -150.842+/-0.000 χ^2/NDF: 15801896721

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: 44.606+/-0.000 χ^2/NDF: 1838645862240041
Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14
Right: 43.718+/-0.000 χ^2/NDF: 282629572114396
Left Out: 1606.573+/-0.000 χ^2/NDF:4121580375877369399324015741375401164 8.0/4
In: 344.991+/-0.000 χ^2/NDF:2309313432435062
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15
Out: -246.920+/-0.000 χ^2/NDF:217979907030707
Left In: -1591.299+/-0.000 χ^2/NDF:2921100436992990744219607583374599782 4.0/3
All: 44.024+/-0.000 χ^2/NDF: 466494194112

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

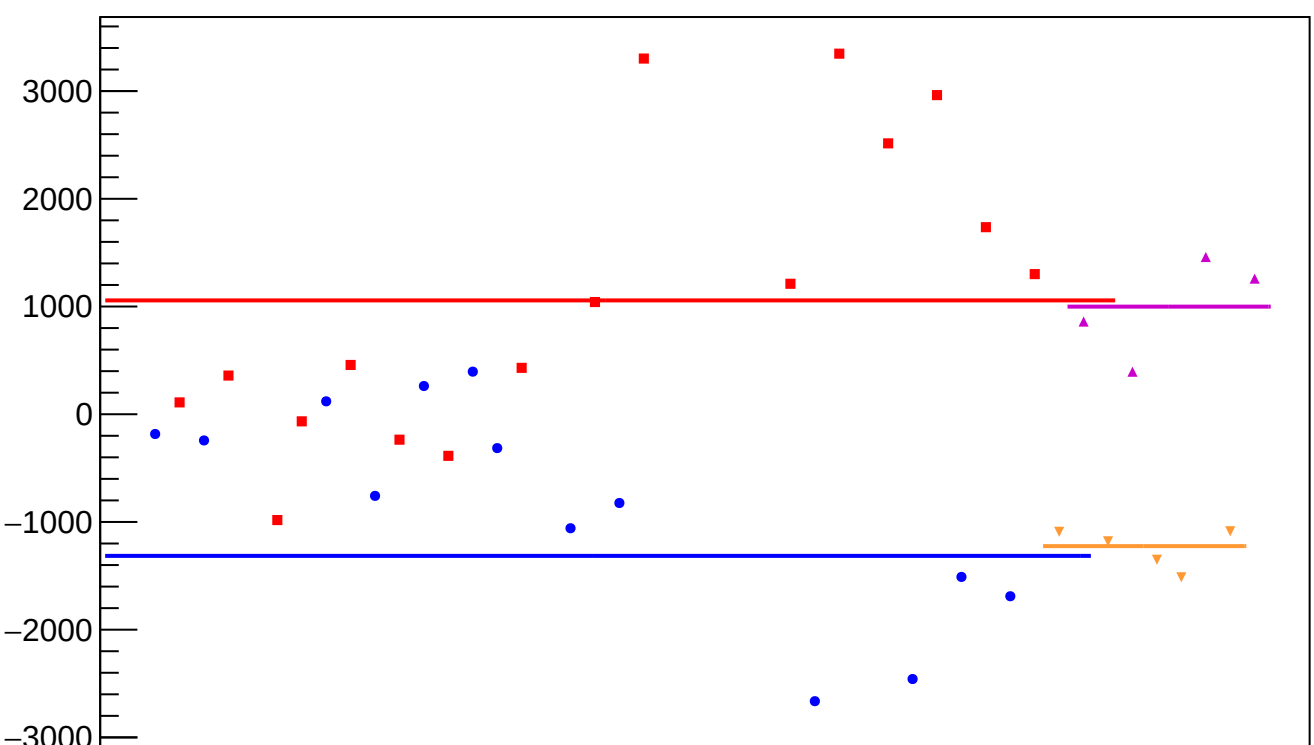
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

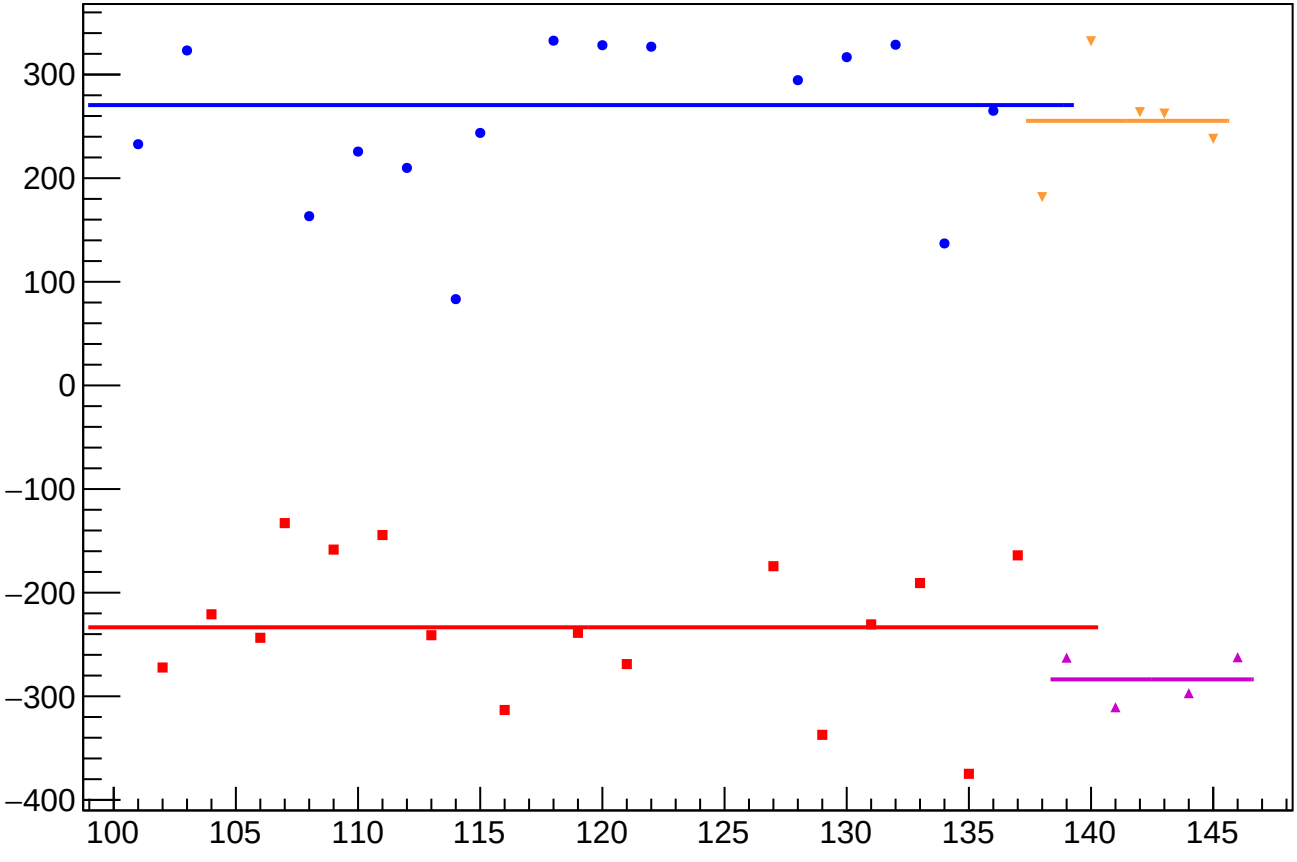
All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -138.323+/-0.000 χ^2/NDF: 921128676230675
Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1224.227+/-0.000 χ^2/NDF:943754146919930613326102645485810483 2.0/4
In: -522.428+/-0.000 χ^2/NDF:2212974343689166
Right Out: 1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604160 0.0/15
Out: 265.902+/-0.000 χ^2/NDF:233981543405190 8
Left In: 998.984+/-0.000 χ^2/NDF:570668189218208162552505813619336806 40.0/3
All: -121.589+/-0.000 χ^2/NDF: 48646757986

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -7.927+/-0.000 χ^2/NDF: 51324214062374472

Right In: 270.538+/-0.000 χ^2/NDF: 247383990534795032390784840517025792 0.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 255.351+/-0.000 χ^2/NDF:936982136407804925692617718799269888.0/4

In: 80.750+/-0.000 χ^2/NDF:7088747628287148 87

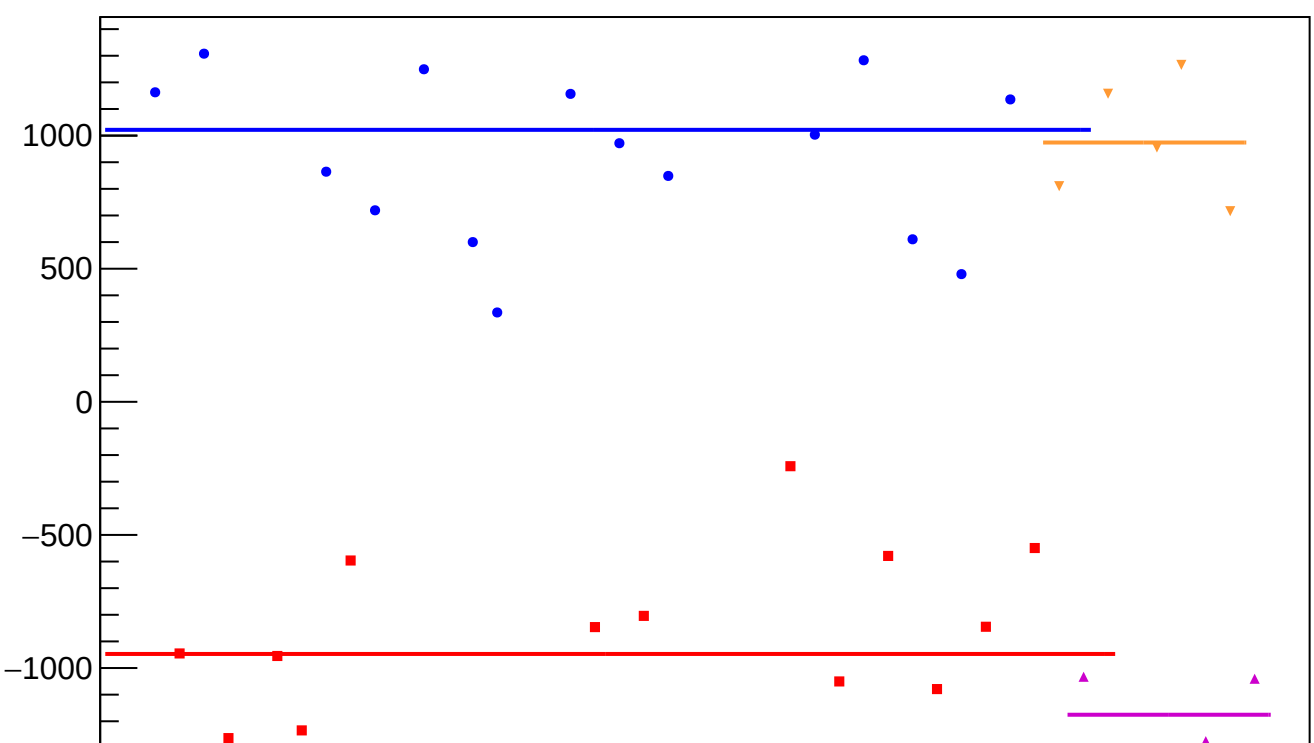
Right Out: -233.421+/-0.000 χ^2/NDF: 304852908731788861506401024774399590 4.0/15

Out: -63.955+/-0.000 χ^2/NDF:5923333319489256

Left In: -283.667+/-0.000 χ^2/NDF:1507421275507728356426708736656015 36.0/3

All: 7.172+/-0.000 χ^2/NDF: 14062932390119

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

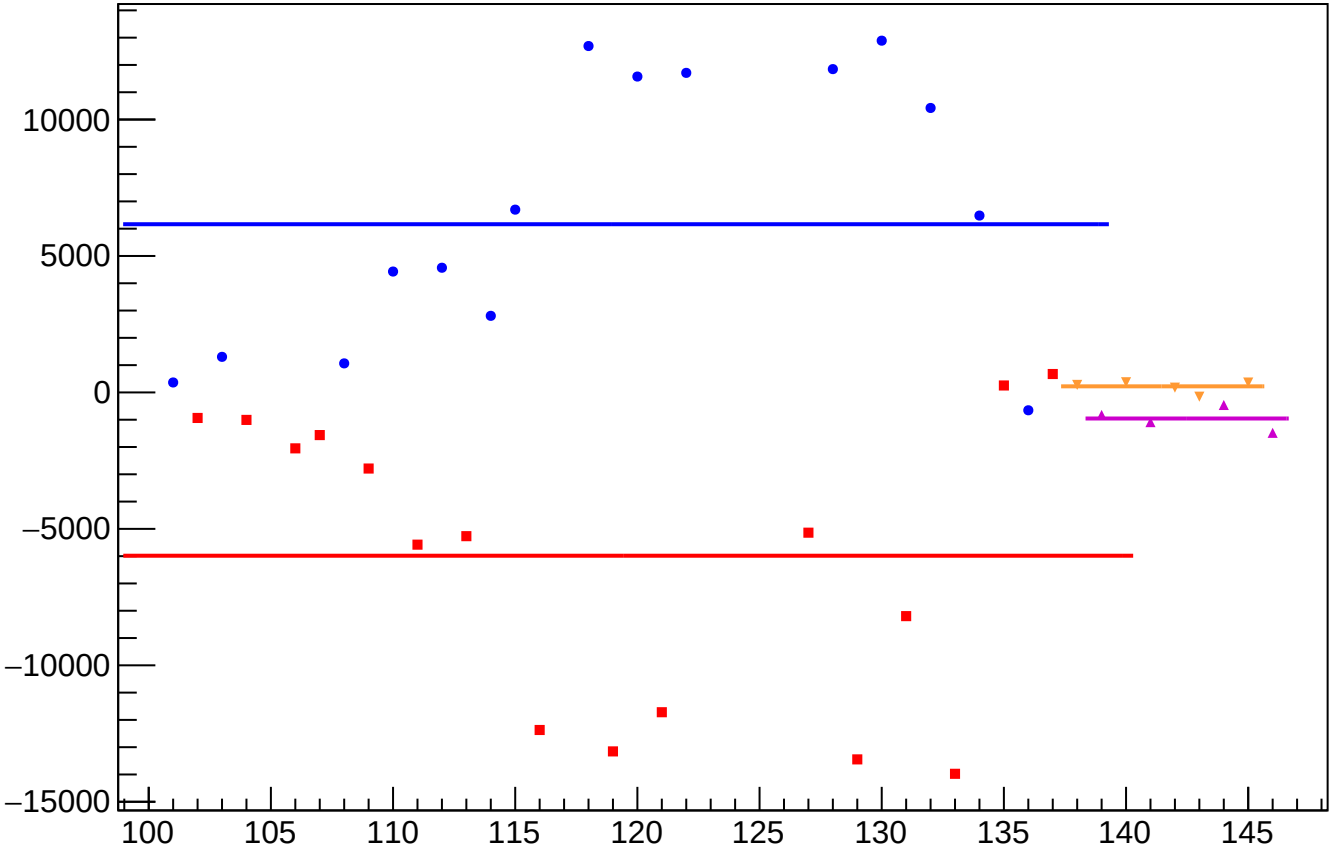
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

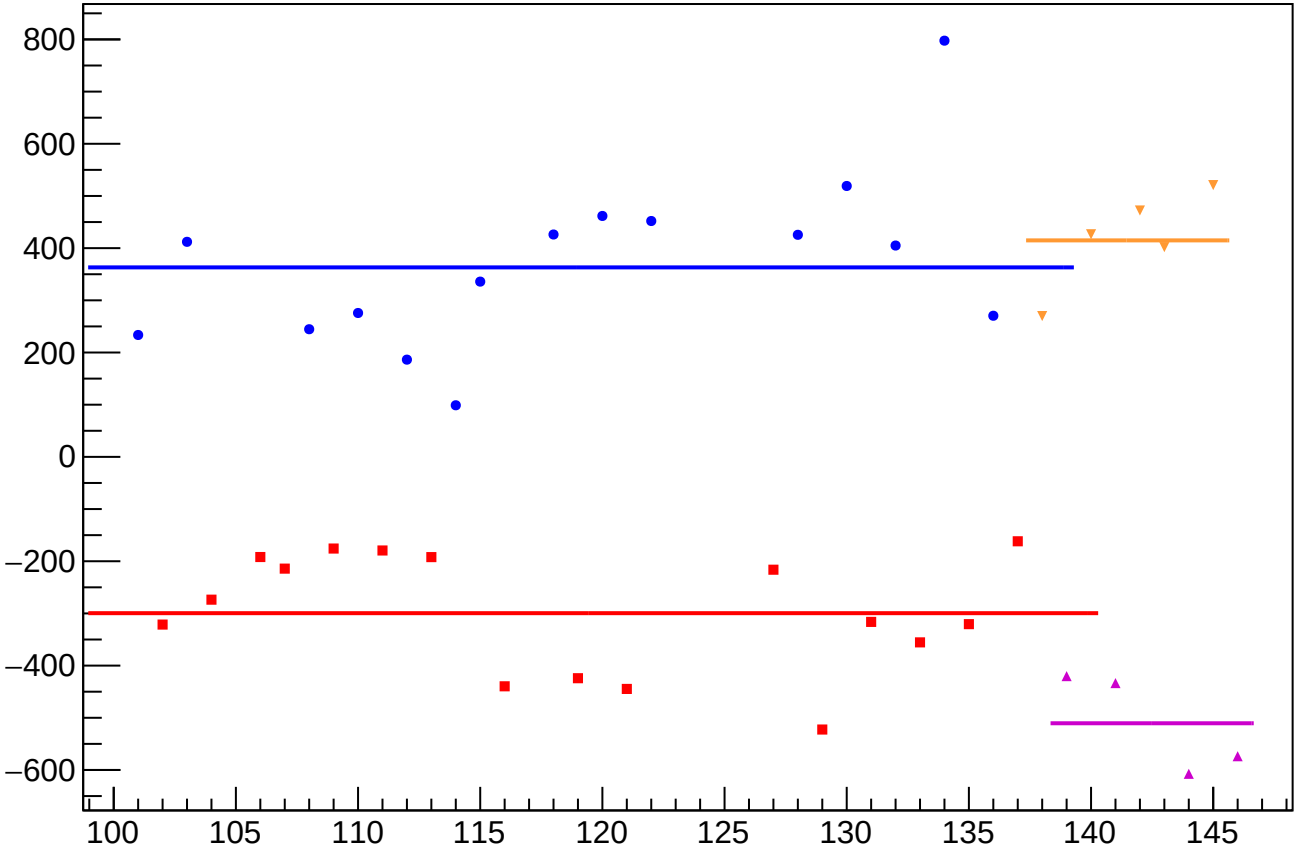
All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -352.668+/-0.000 χ^2/NDF: 301222319502366
Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14
Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2
Left Out: 223.065+/-0.000 χ^2/NDF:1335032465955022634131868106453994700 8.0/4
In: 3725.496+/-0.000 χ^2/NDF:2951230648944133
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15
Out: -3831.812+/-0.000 χ^2/NDF:26428161760616
Left In: -955.655+/-0.000 χ^2/NDF:4763743875172943322721631907495280640 0.0/3
All: -117.139+/-0.000 χ^2/NDF: 8460292680 9

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -37.110+/-0.000 χ^2/NDF: 1531153925870171

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 414.876+/-0.000 χ^2/NDF:272288794204031318877859598908470067 2.0/4

In: 63.958+/-0.000 χ^2/NDF:18346051319524759 0

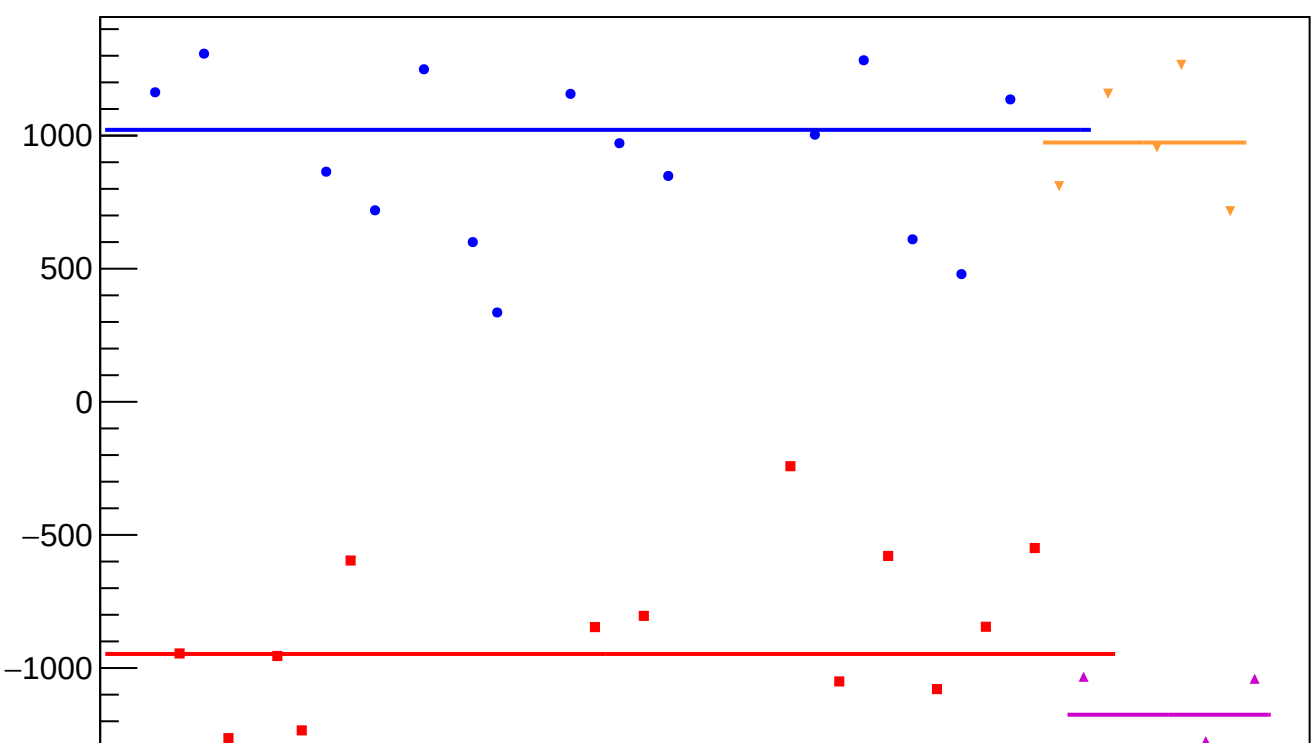
Right Out: -299.514+/-0.000 χ^2/NDF: 768549731874422521835465282898467225 6.0/15

Out: -51.822+/-0.000 χ^2/NDF:1284334959838646

Left In: -510.493+/-0.000 χ^2/NDF:233063779270777204970867188433944576 0.0/3

All: 5.088+/-0.000 χ^2/NDF: 3186214259950 3

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 974.056+/-0.000 χ^2/NDF:159591275410533522671527540936451 03104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970 7904.0/3

Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

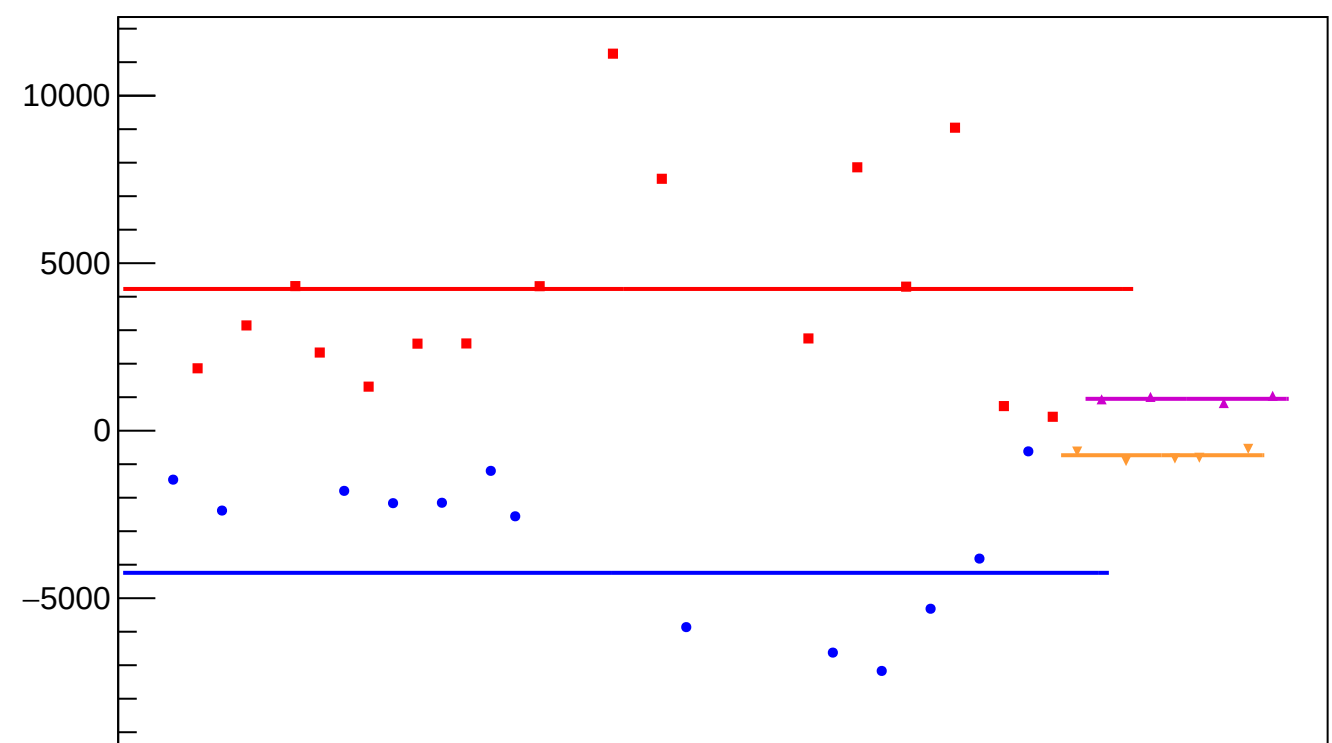
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

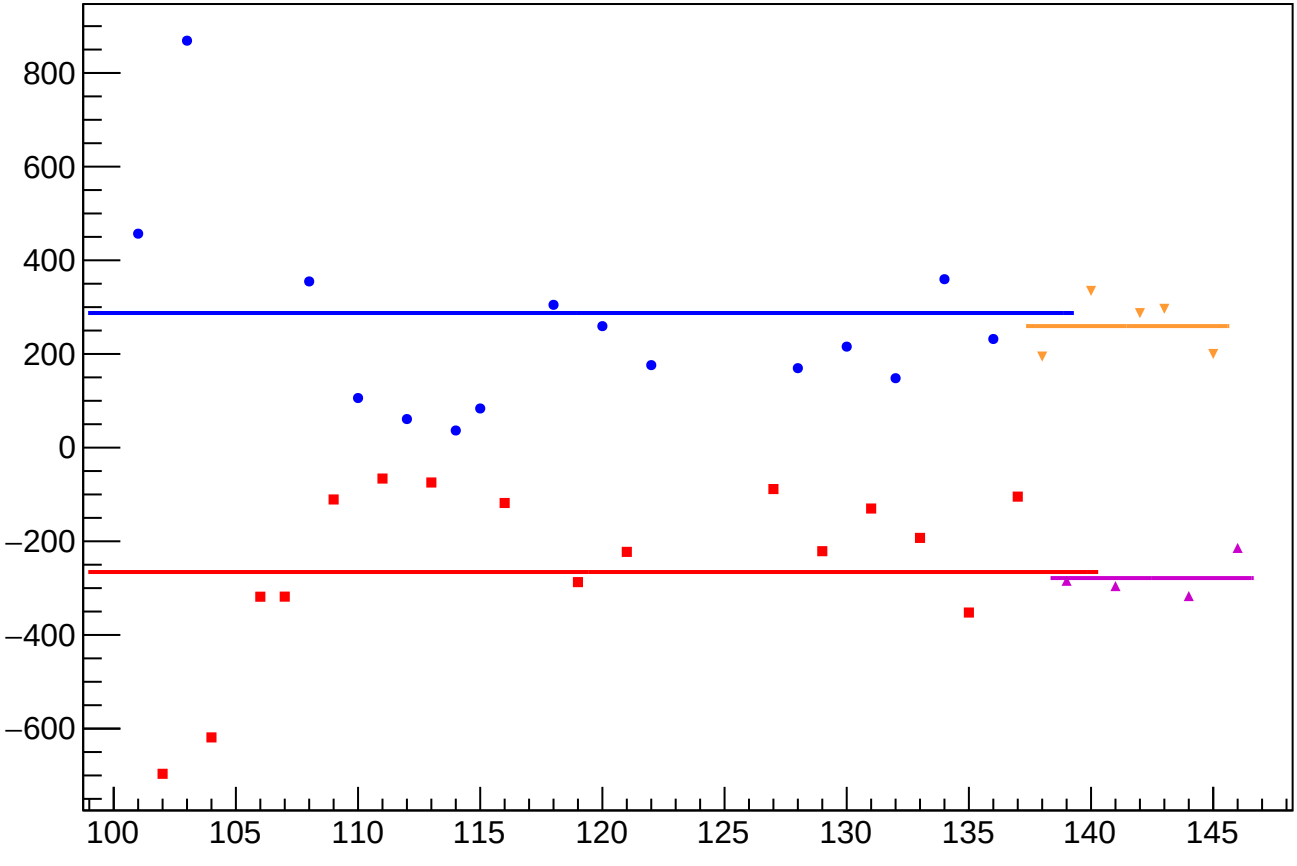
All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 90.344+/-0.000 χ^2/NDF: 4996034934124517
Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228
Left Out: -731.925+/-0.000 χ^2/NDF:7175787759711986433064832770452226048.0/4
In: -2463.578+/-0.000 χ^2/NDF:127810195127453
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
Out: 2510.246+/-0.000 χ^2/NDF:12385650971781 0
Left In: 951.537+/-0.000 χ^2/NDF:240019634763994871496375426734043955 2.0/3
All: 65.443+/-0.000 χ^2/NDF: 3758205083411

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -3.275+/-0.000 χ^2/NDF: 51767618673932792

Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 259.534+/-0.000 χ^2/NDF:120666970409174235474691345200919347 2.0/4

In: 93.637+/-0.000 χ^2/NDF:10121566613367249 5

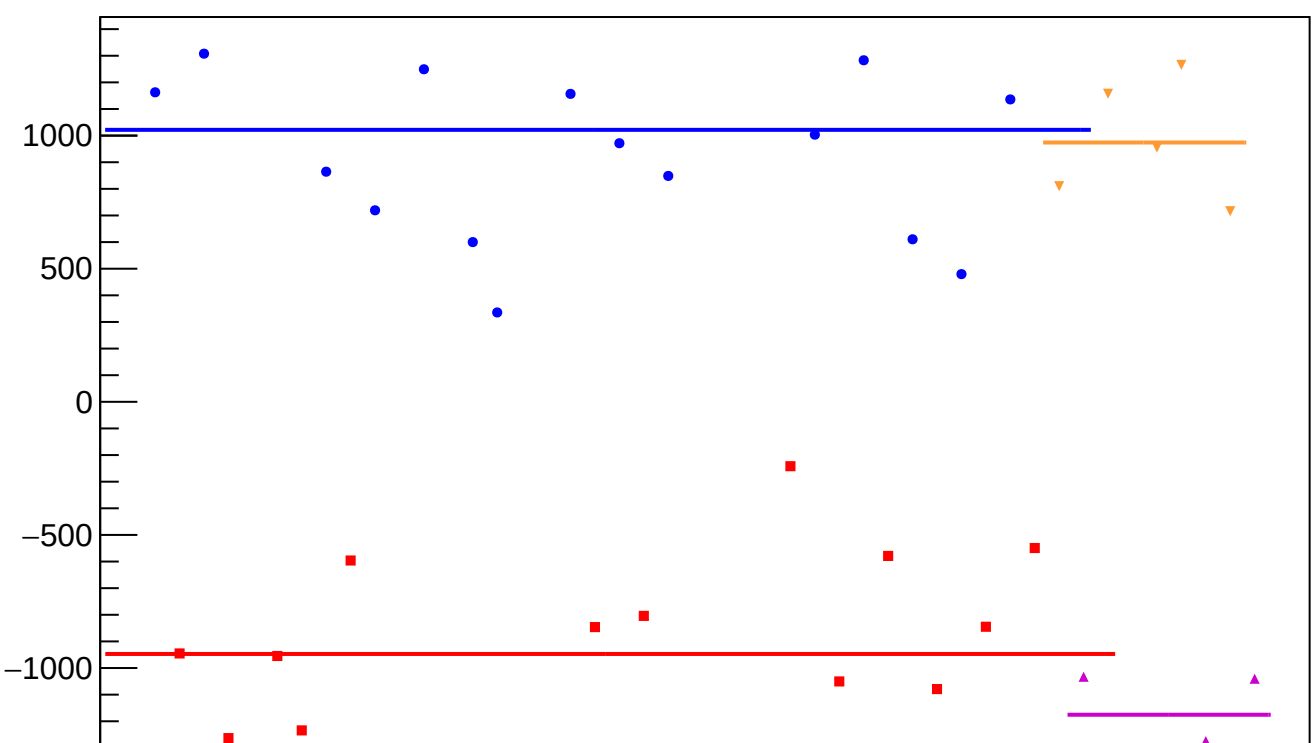
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: -83.522+/-0.000 χ^2/NDF:9082207284048902

Left In: -278.524+/-0.000 χ^2/NDF:5031398921462766368973397654933340 16.0/3

All: 3.558+/-0.000 χ^2/NDF: 2077886349532 5

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:15959127541053352267152754093645103104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572

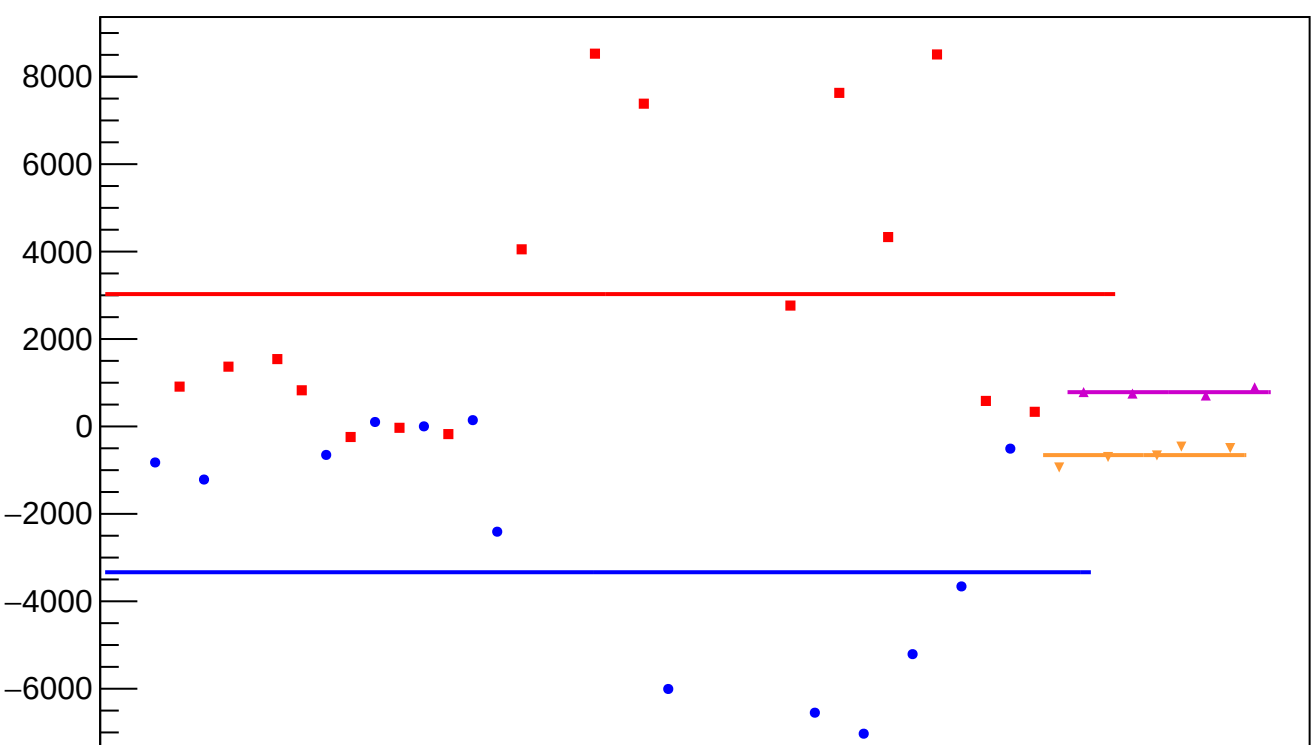
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

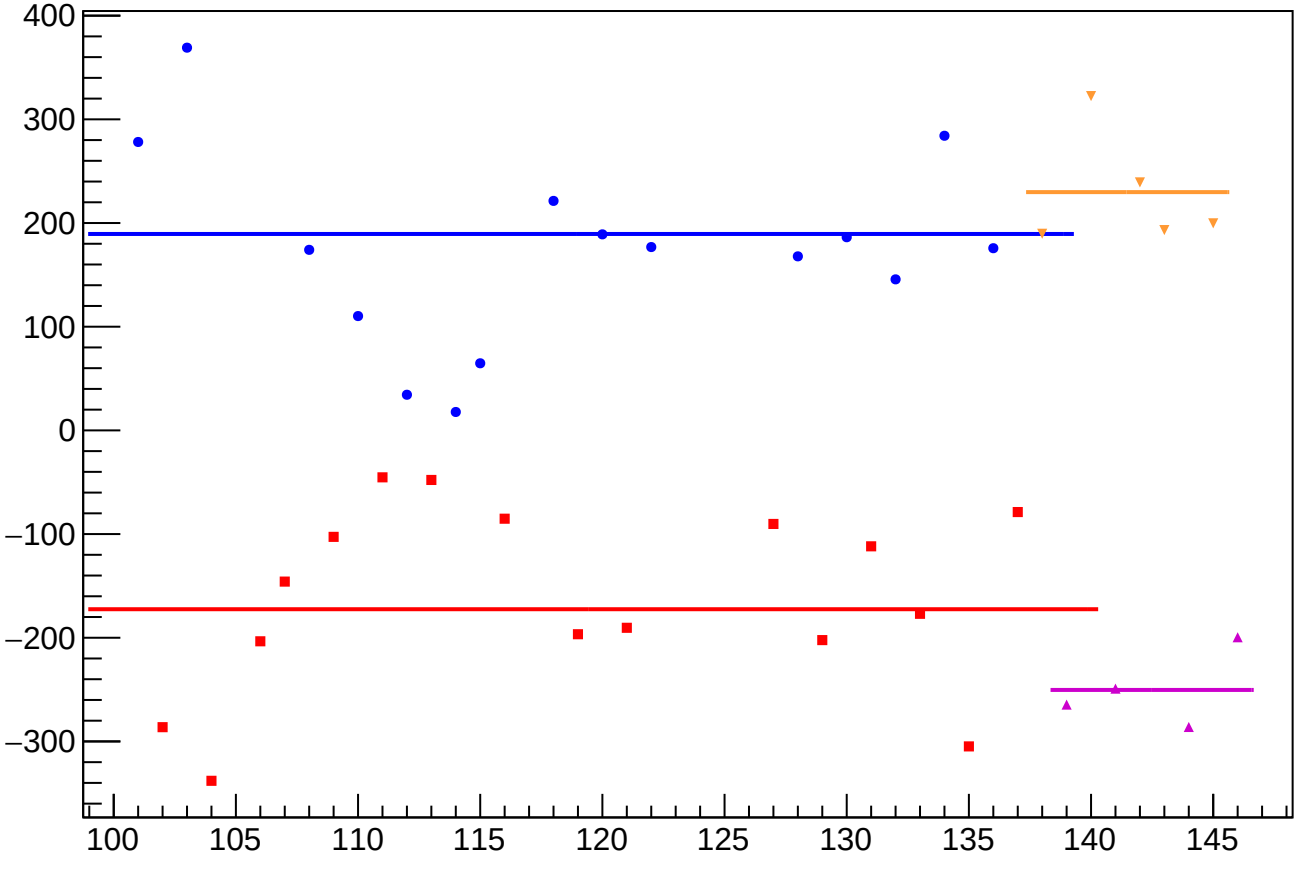
All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 47.663+/-0.000 χ^2/NDF: 3710382786066672
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -655.544+/-0.000 χ^2/NDF:110044361791527197210497032104653619 20.0/4
In: -1924.566+/-0.000 χ^2/NDF:101112680373902
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 1750.586+/-0.000 χ^2/NDF:102343566796618
Left In: 784.158+/-0.000 χ^2/NDF:1640828755474798480453565068588613632.0/3
All: -55.875+/-0.000 χ^2/NDF: 271240650671

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -4.712+/-0.000 χ^2/NDF: 41202824651018203

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 229.811+/-0.000 χ^2/NDF:9964666799213282968386359891706511136.0/4

In: 38.839+/-0.000 χ^2/NDF:48035710985435005

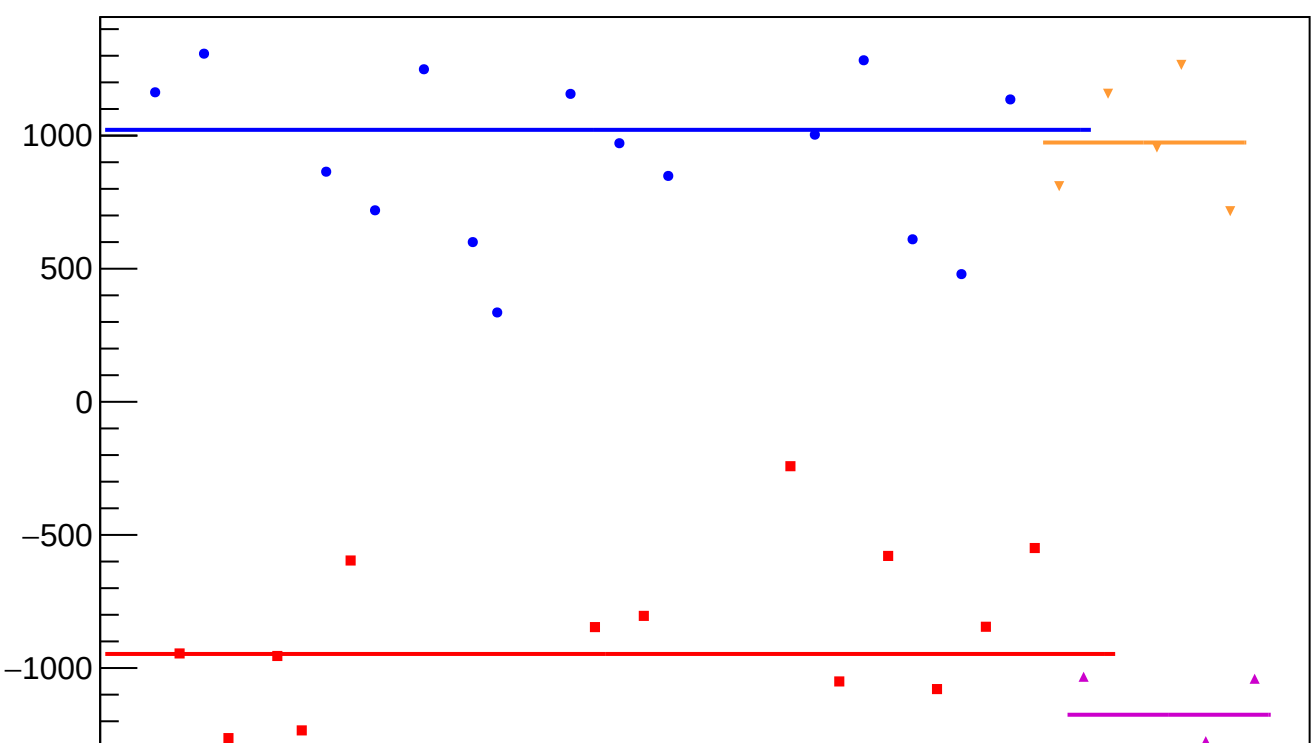
Right Out: -172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15

Out: -33.001+/-0.000 χ^2/NDF:4401898762040301

Left In: -250.336+/-0.000 χ^2/NDF:3441590738296490736524802544233349 12.0/3

All: 2.311+/-0.000 χ^2/NDF: 9464479096799

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -75.863+/-0.000 χ^2/NDF: 8212203313312707

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 974.056+/-0.000 χ^2/NDF:1595912754105335226715275409364510 3104.0/4

In: 269.260+/-0.000 χ^2/NDF:1119759126007572 8

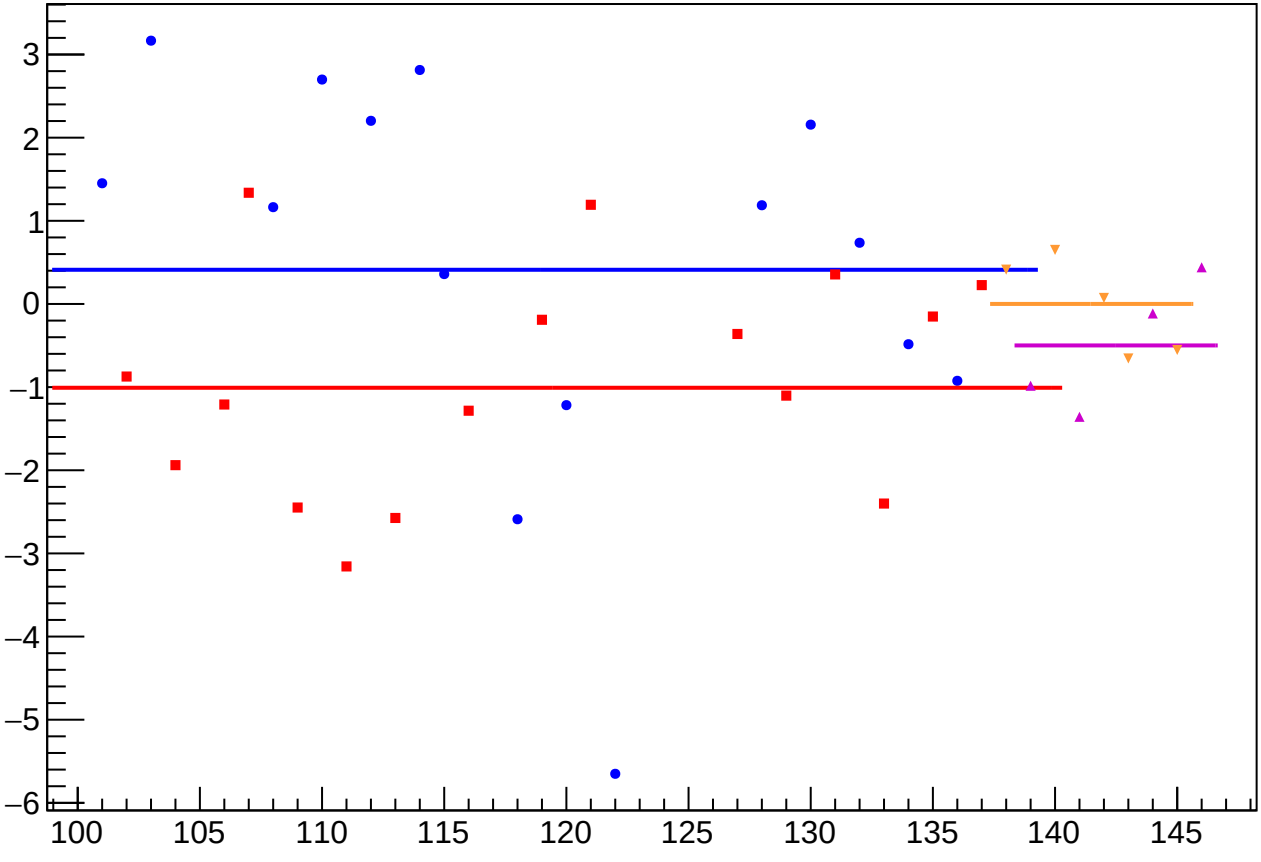
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: -281.028+/-0.000 χ^2/NDF:937333903965677

Left In: -1175.482+/-0.000 χ^2/NDF:633912509567290696990310513361970790 4.0/3

All: -10.543+/-0.000 χ^2/NDF: 220906395803

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.243+/-0.000 χ^2/NDF: 31291670739587882

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.000+/-0.000 χ^2/NDF:1017479526053908263696990585487 36.0/4

In: 0.100+/-0.000 χ^2/NDF:3737674507457123115

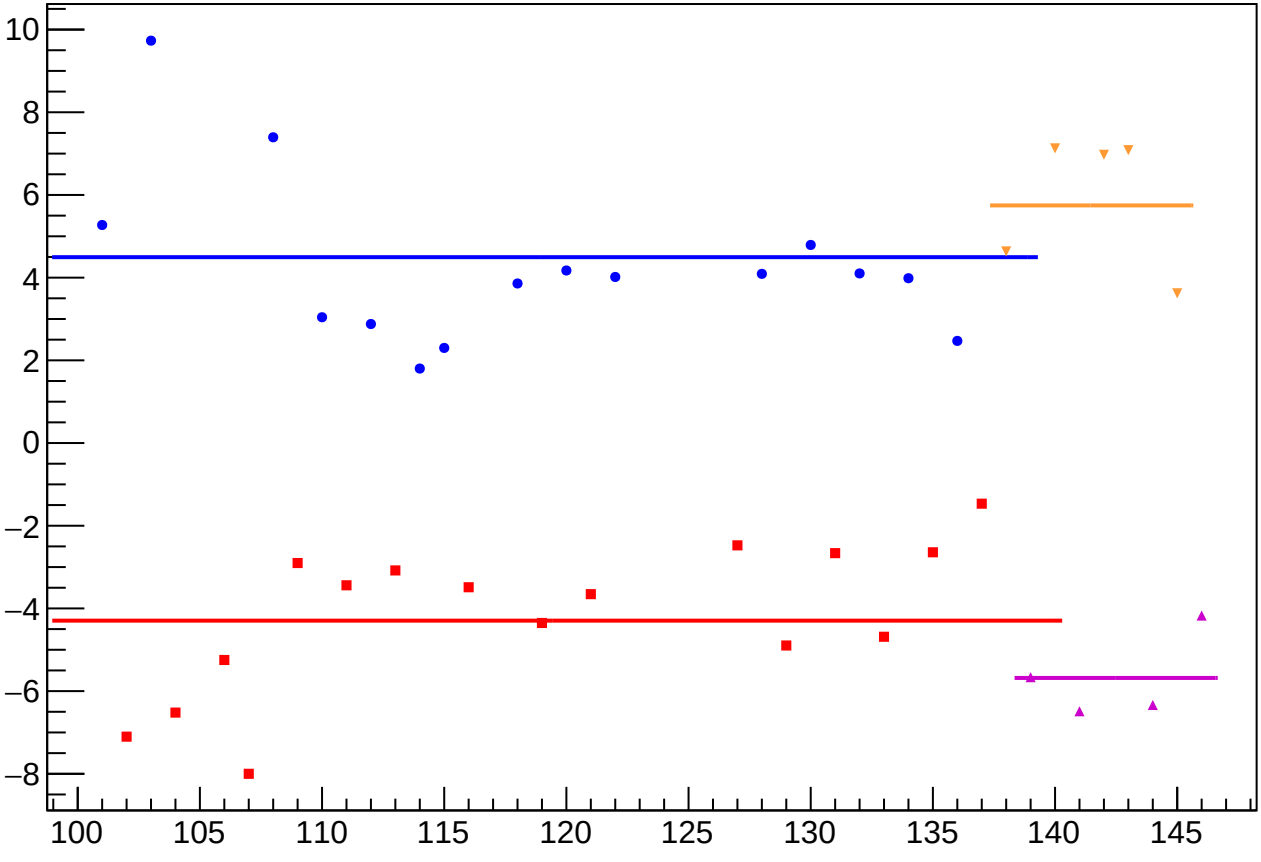
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.658+/-0.000 χ^2/NDF:1465241296253181 4

Left In: -0.499+/-0.000 χ^2/NDF:1680872723377496649142520543969 28.0/3

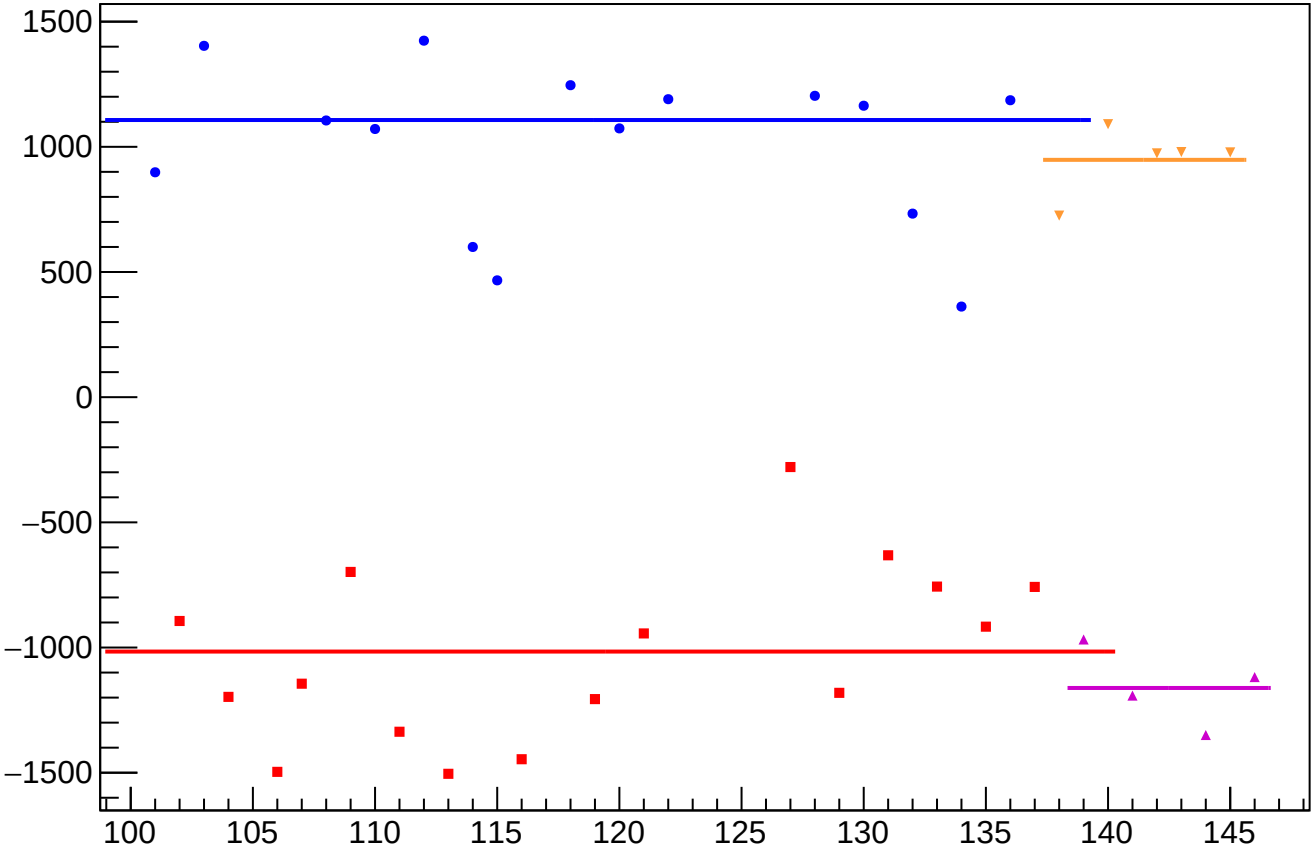
All: -0.286+/-0.000 χ^2/NDF: 5491131432282

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.165+/-0.000 χ^2/NDF: 23672446375666827
Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14
Right: 0.040+/-0.000 χ^2/NDF: 3017353425683204 1
Left Out: 5.747+/-0.000 χ^2/NDF:807447003287322228015214436024320.0/4
In: 1.010+/-0.000 χ^2/NDF:260409357170676515 1
Right Out: -4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15
Out: -0.814+/-0.000 χ^2/NDF:2614279700533486 9
Left In: -5.681+/-0.000 χ^2/NDF:282270633120519636724078388183040.0/3
All: 0.083+/-0.000 χ^2/NDF: 5385309954764 4

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

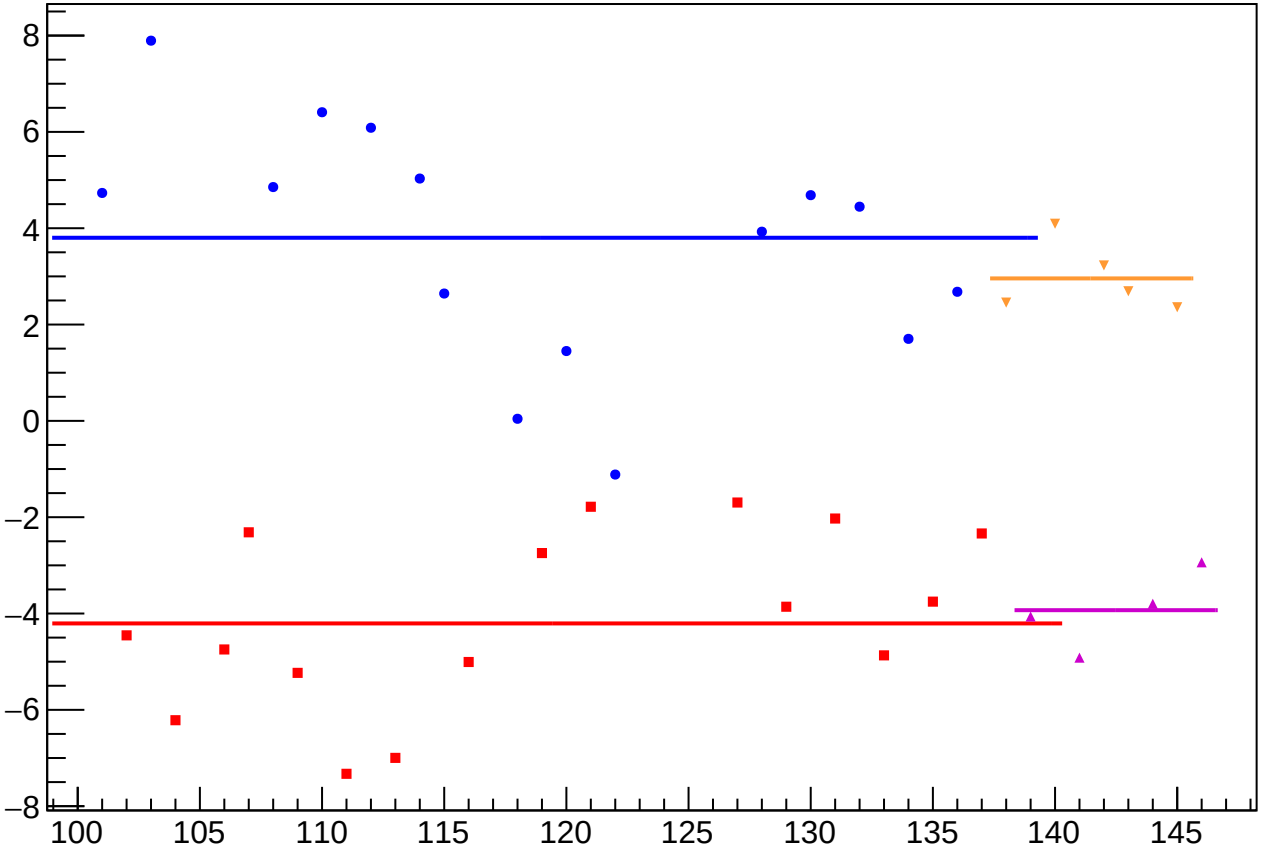
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.407+/-0.000 χ^2/NDF: 85347487428999719

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 2.958+/-0.000 χ^2/NDF:16251112284210372191278804972339 2.0/4

In: 1.154+/-0.000 χ^2/NDF:172519541837072013 8

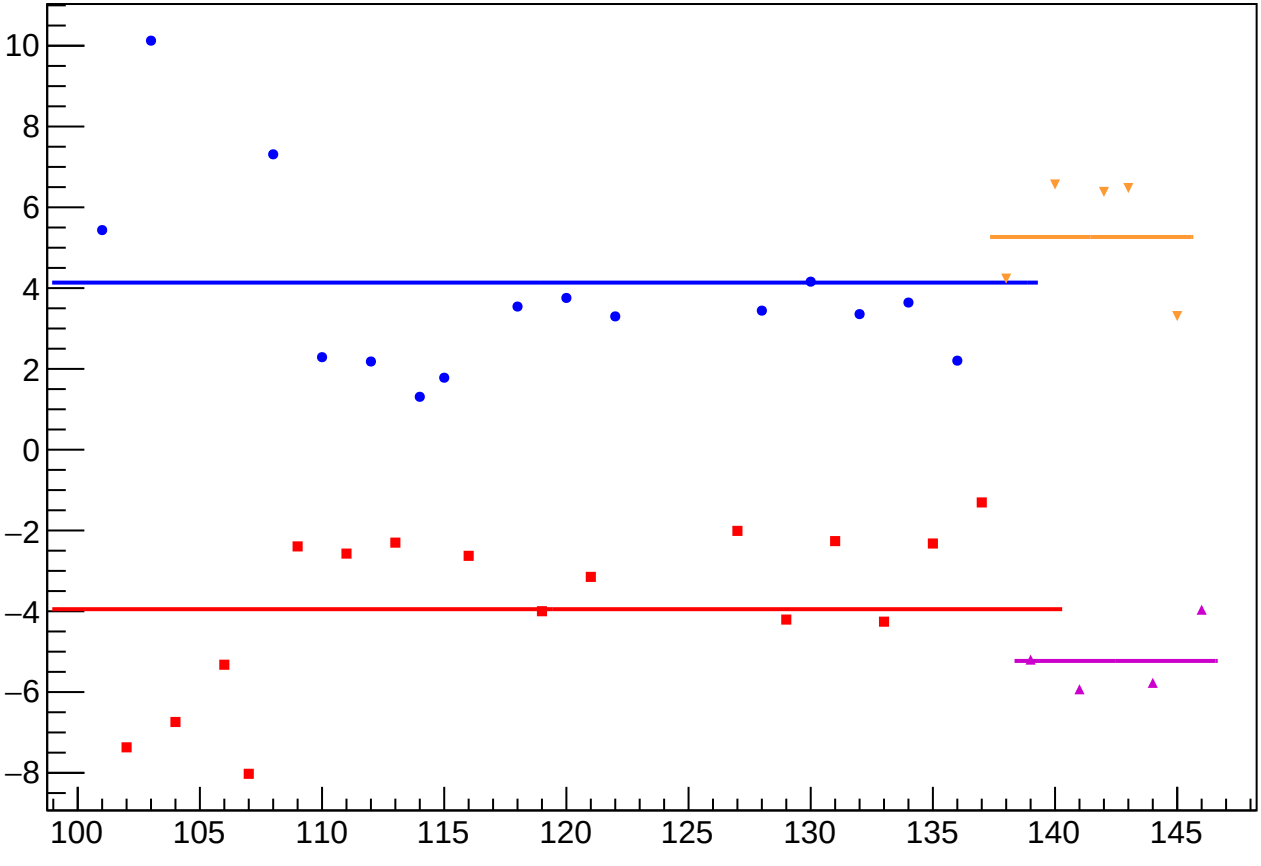
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: -1.722+/-0.000 χ^2/NDF:14126680942179143

Left In: -3.931+/-0.000 χ^2/NDF:16753236811787560653079246274560 0.0/3

All: -0.308+/-0.000 χ^2/NDF: 3552934598272

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.140+/-0.000 χ^2/NDF: 199343173461422128

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 5.266+/-0.000 χ^2/NDF:6878483418308409989206815759400 96.0/4

In: 0.929+/-0.000 χ^2/NDF:232035171852783647 8

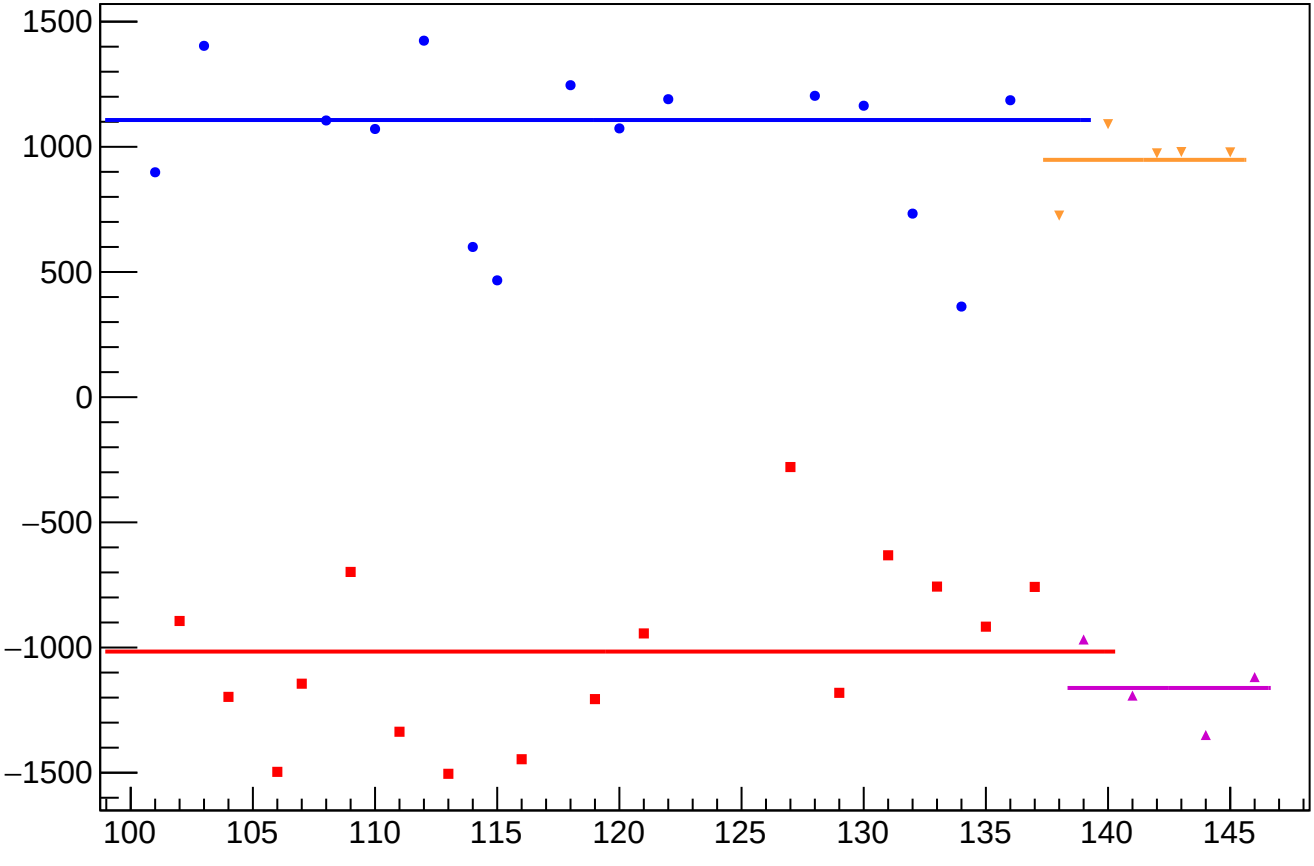
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005 1456.0/15

Out: -0.754+/-0.000 χ^2/NDF:22992761533891307

Left In: -5.229+/-0.000 χ^2/NDF:2015816344501801313698789069946 88.0/3

All: 0.074+/-0.000 χ^2/NDF: 4761743330848 4

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

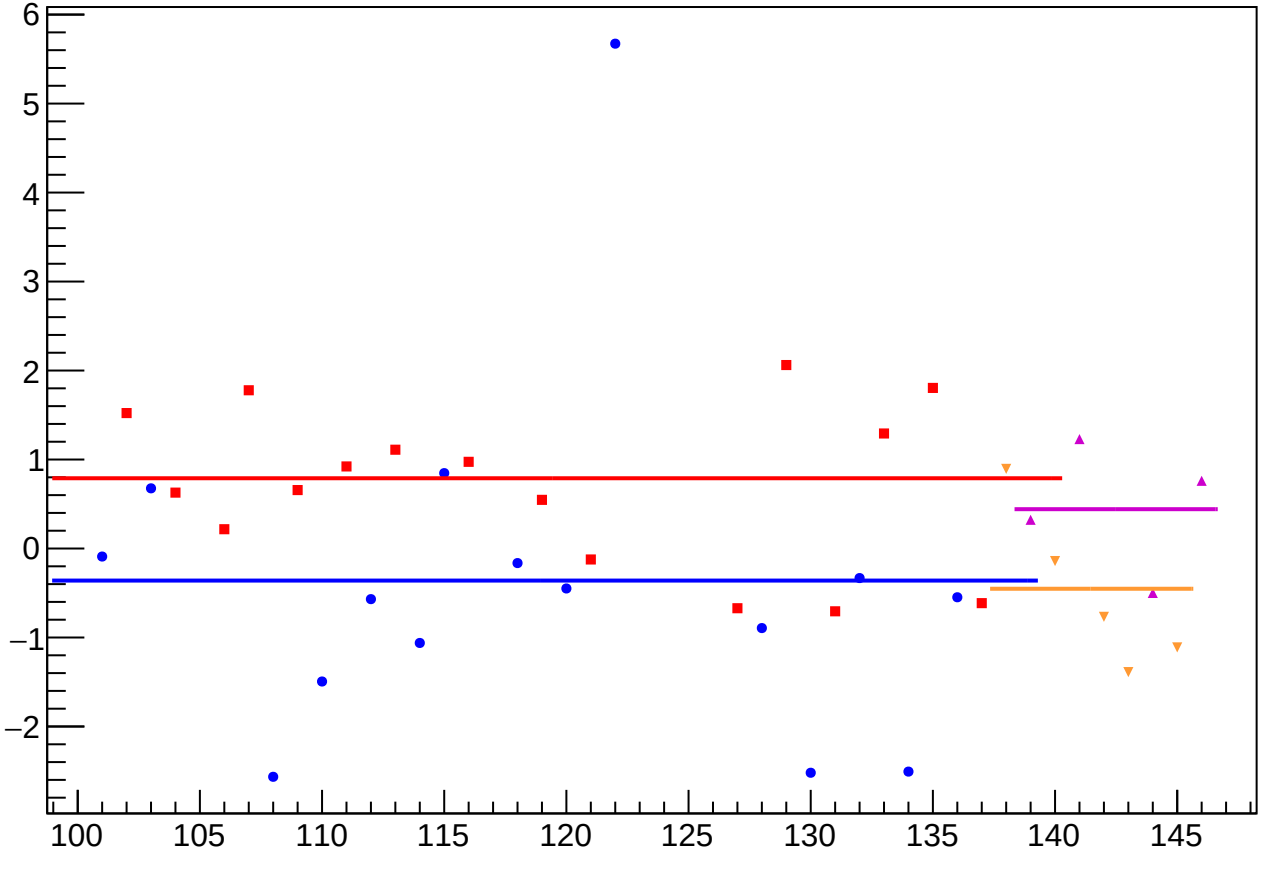
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: -0.015+/-0.000 χ^2/NDF: 52747203021613002

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 30782158054306257

Left Out: -0.452+/-0.000 χ^2/NDF:248024688977658297508951578640384.0/4

In: -0.085+/-0.000 χ^2/NDF:246448486270555957

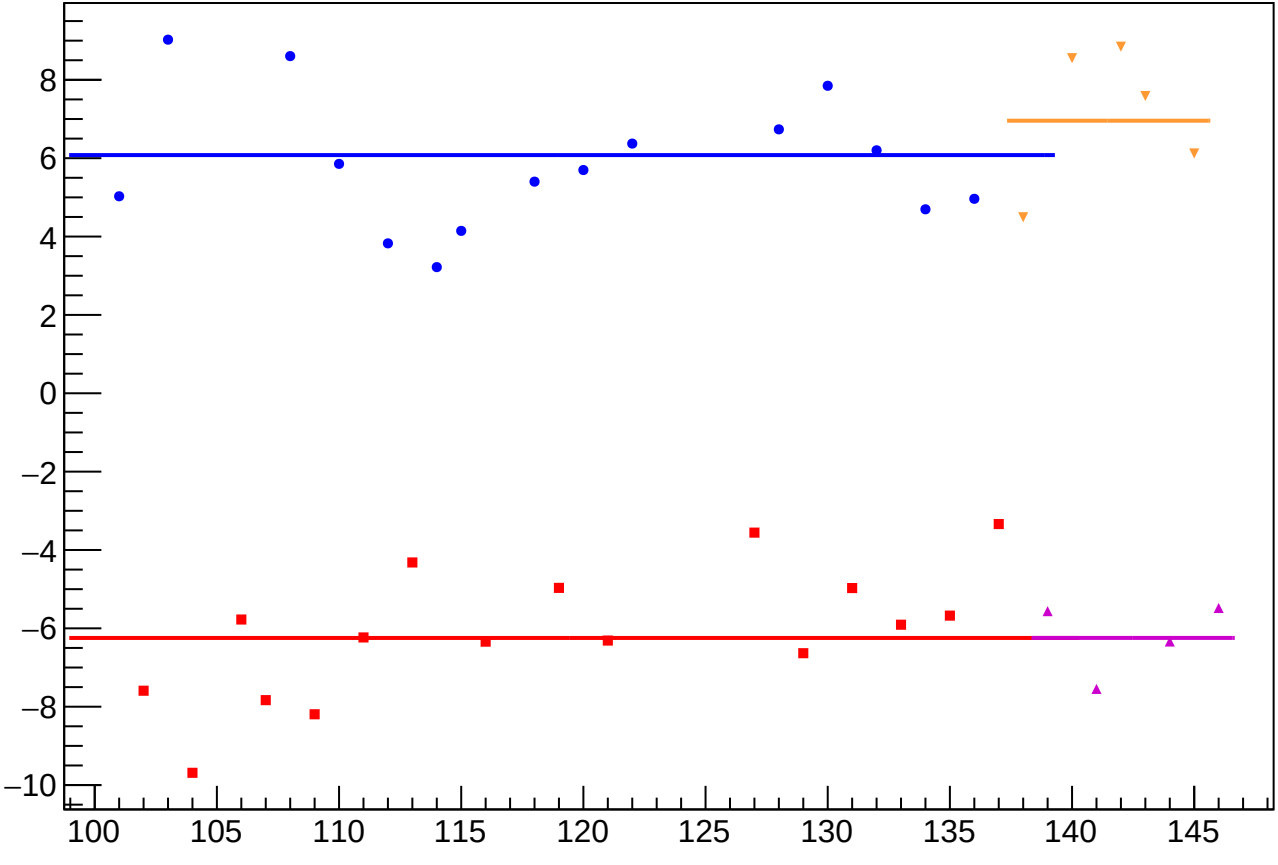
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: 0.359+/-0.000 χ^2/NDF:106771411295412661

Left In: 0.442+/-0.000 χ^2/NDF:141182825841350857293866563796992.0/3

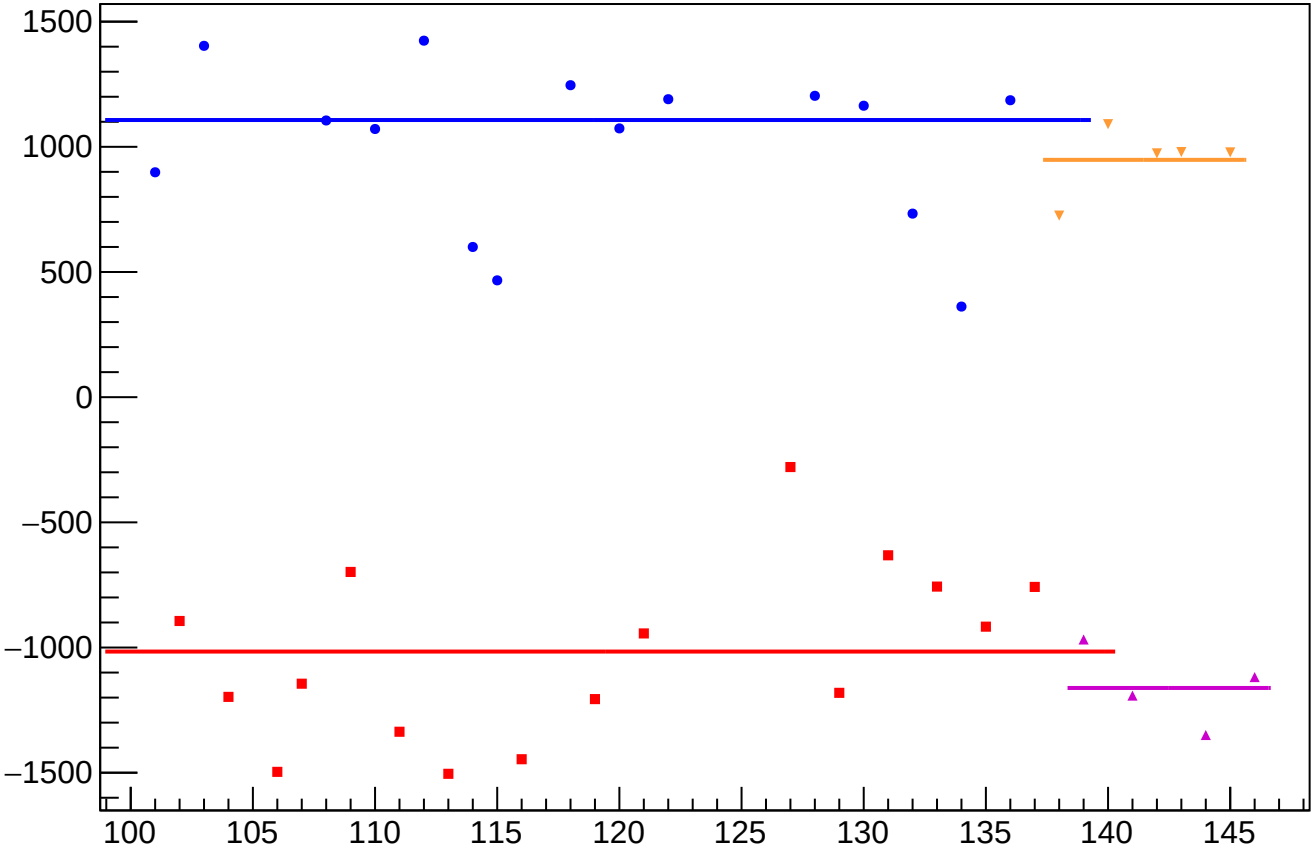
All: 0.141+/-0.000 χ^2/NDF: 3631369096846

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Left: 0.509+/-0.000 χ^2/NDF: 31293040046875252
Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866
Left Out: 6.957+/-0.000 χ^2/NDF:9299910029954756567381772861440 00.0/4
In: 1.859+/-0.000 χ^2/NDF:3557434188758168645
Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15
Out: -1.668+/-0.000 χ^2/NDF:43055624372265732
Left In: -6.244+/-0.000 χ^2/NDF:2308904257778372466934066771394 56.0/3
All: 0.066+/-0.000 χ^2/NDF: 8487324114283 2

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

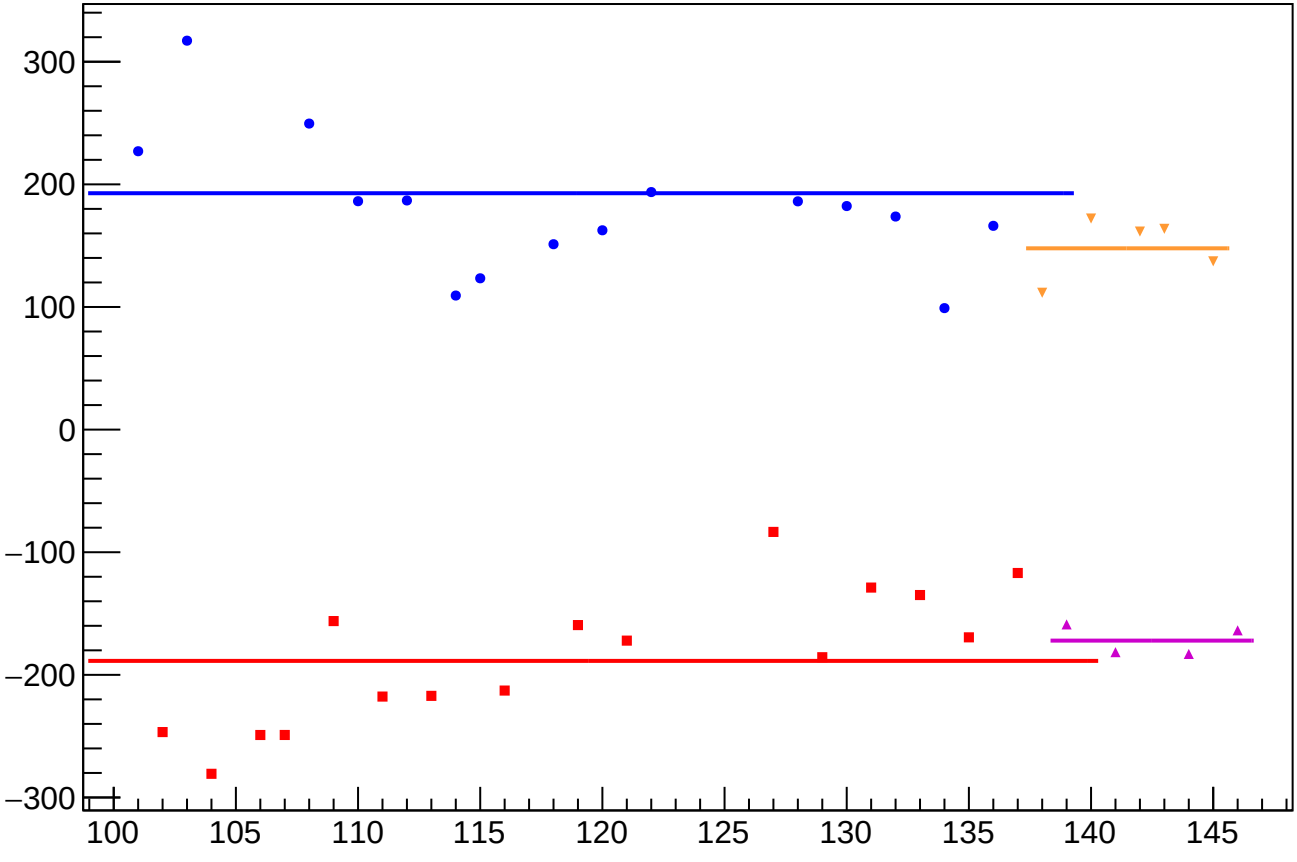
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -8.419+/-0.000 χ^2/NDF: 17919520806522601

Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893

Left Out: 147.839+/-0.000 χ^2/NDF:18543686688163068806370046983431782 4.0/4

In: 67.829+/-0.000 χ^2/NDF:31262880938084462

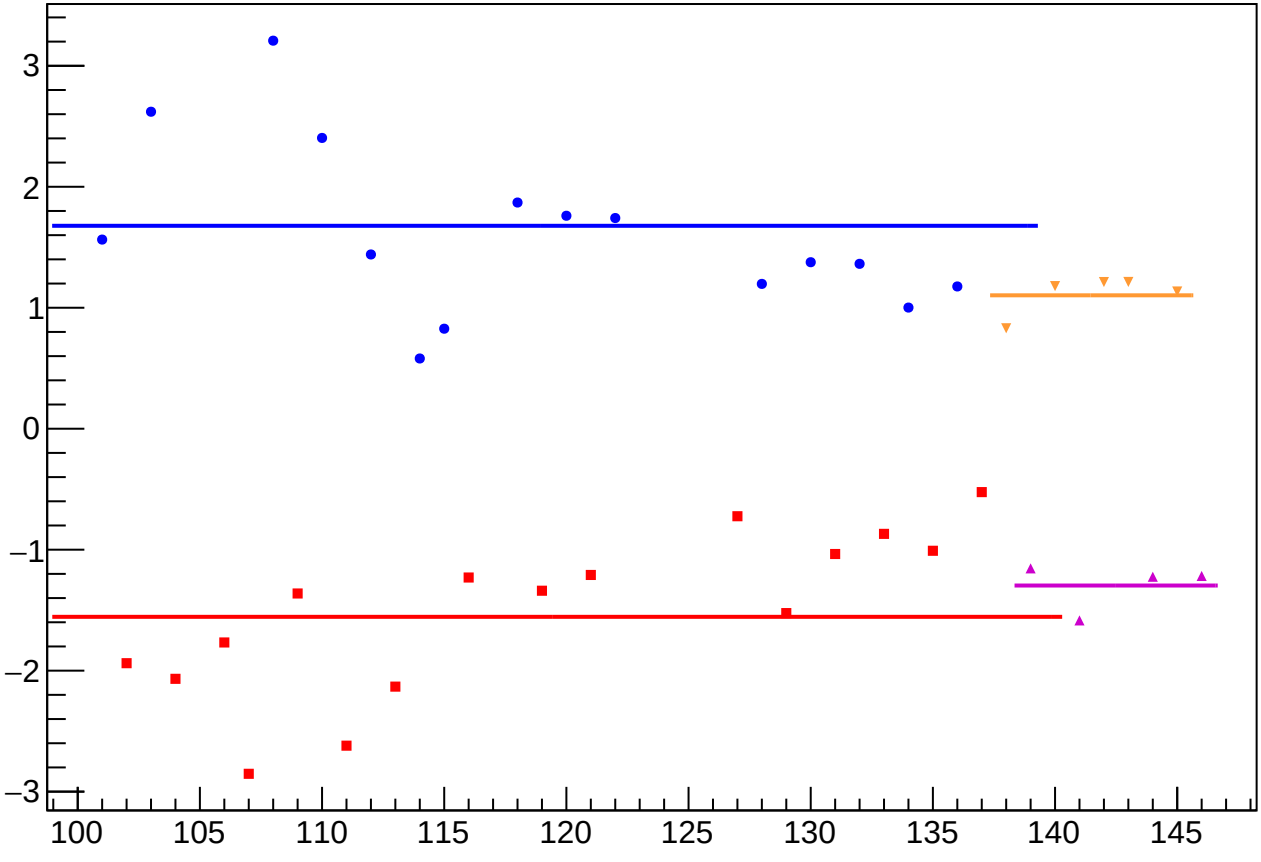
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

Out: -71.958+/-0.000 χ^2/NDF:2828631270375755

Left In: -172.074+/-0.000 χ^2/NDF:380472463665303081382091048353792 00.0/3

All: -3.248+/-0.000 χ^2/NDF: 6935570657495

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: -0.069+/-0.000 χ^2/NDF: 10125214553243400

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: 1.103+/-0.000 χ^2/NDF:7719393174688433923832932204544.0/4

In: 0.659+/-0.000 χ^2/NDF:2216894962174832662

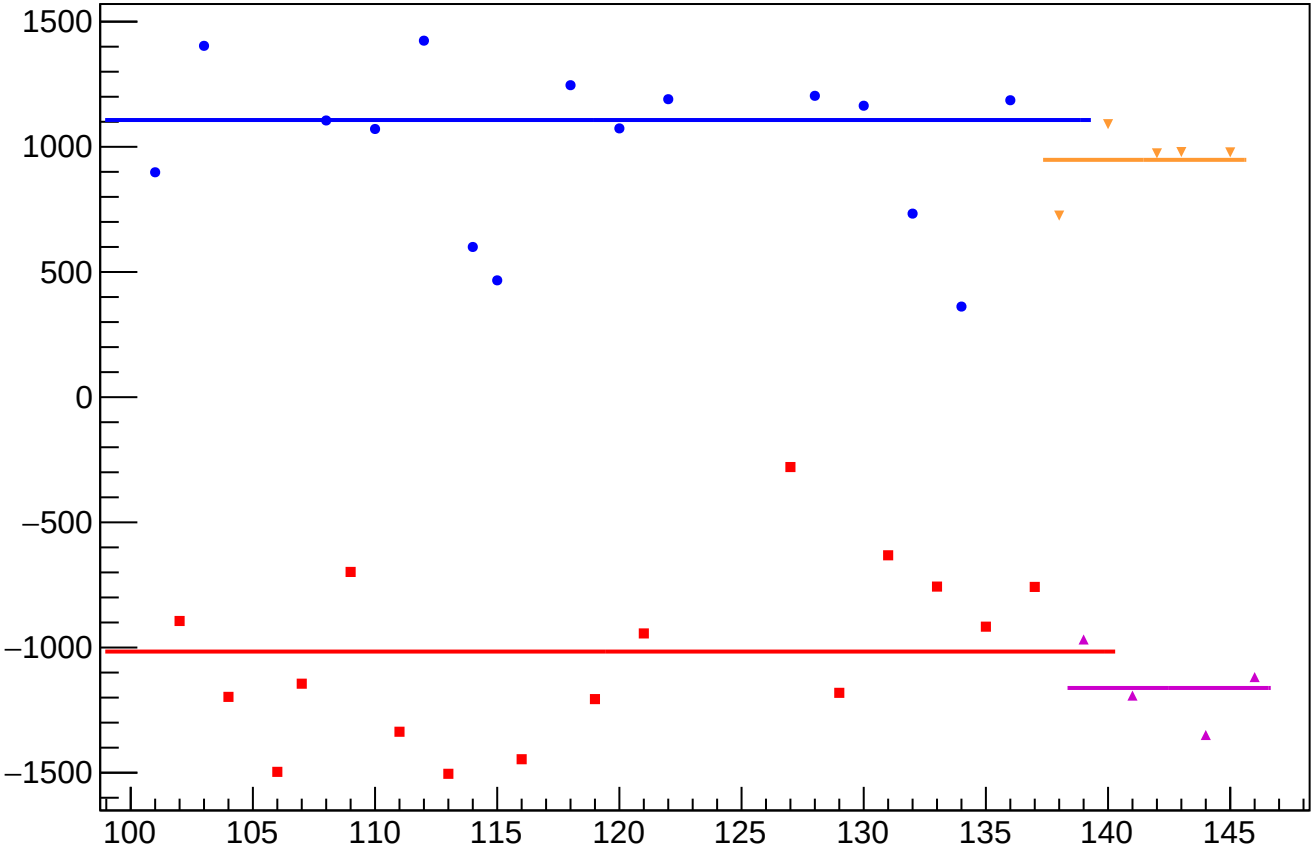
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: -0.633+/-0.000 χ^2/NDF:1896896900238391 3

Left In: -1.296+/-0.000 χ^2/NDF:9684398312811148568540699688960.0/3

All: 0.002+/-0.000 χ^2/NDF: 4952292305575 7

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

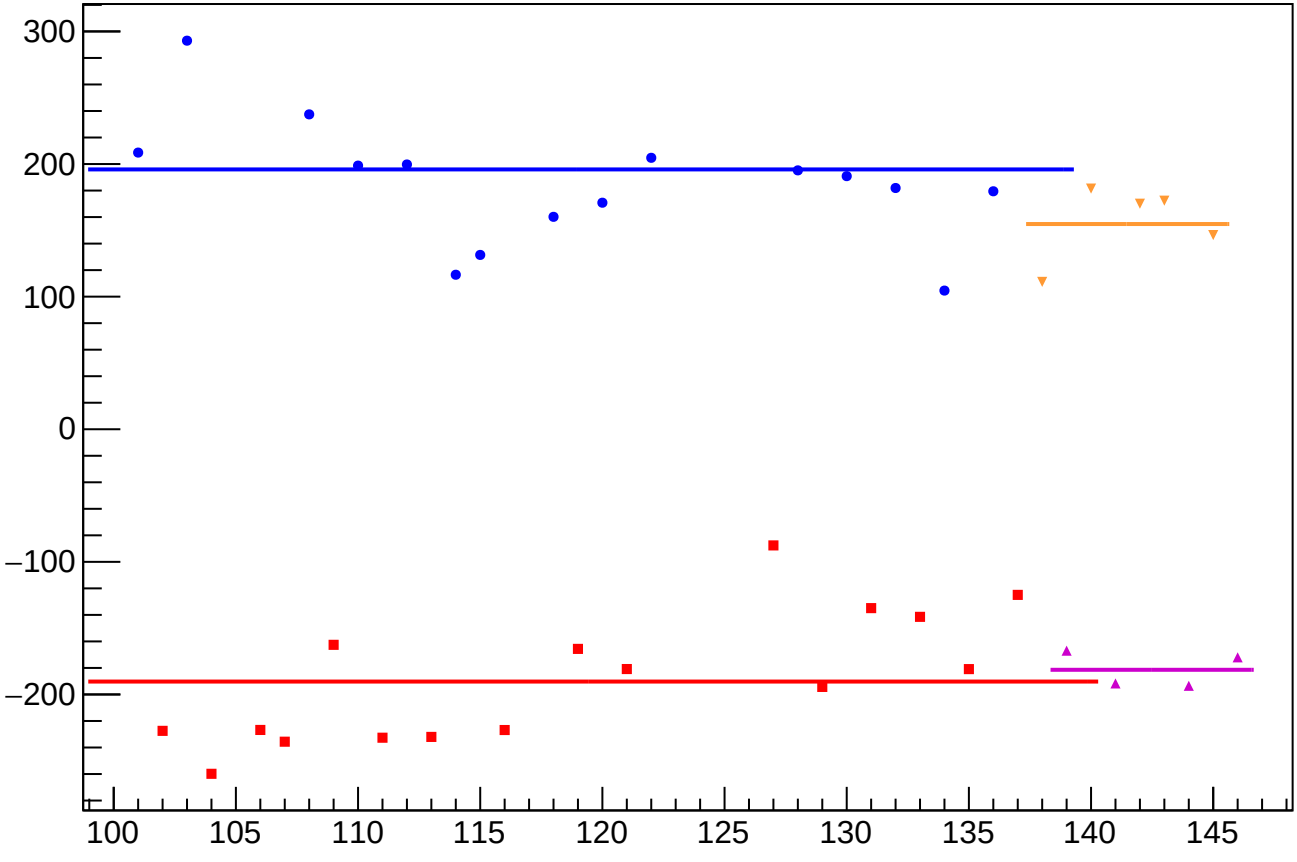
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -9.435+/-0.000 χ^2/NDF: 19829265830948957

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 154.758+/-0.000 χ^2/NDF:24423614932968659147413217746511462 4.0/4

In: 66.719+/-0.000 χ^2/NDF:32749428929728875 2

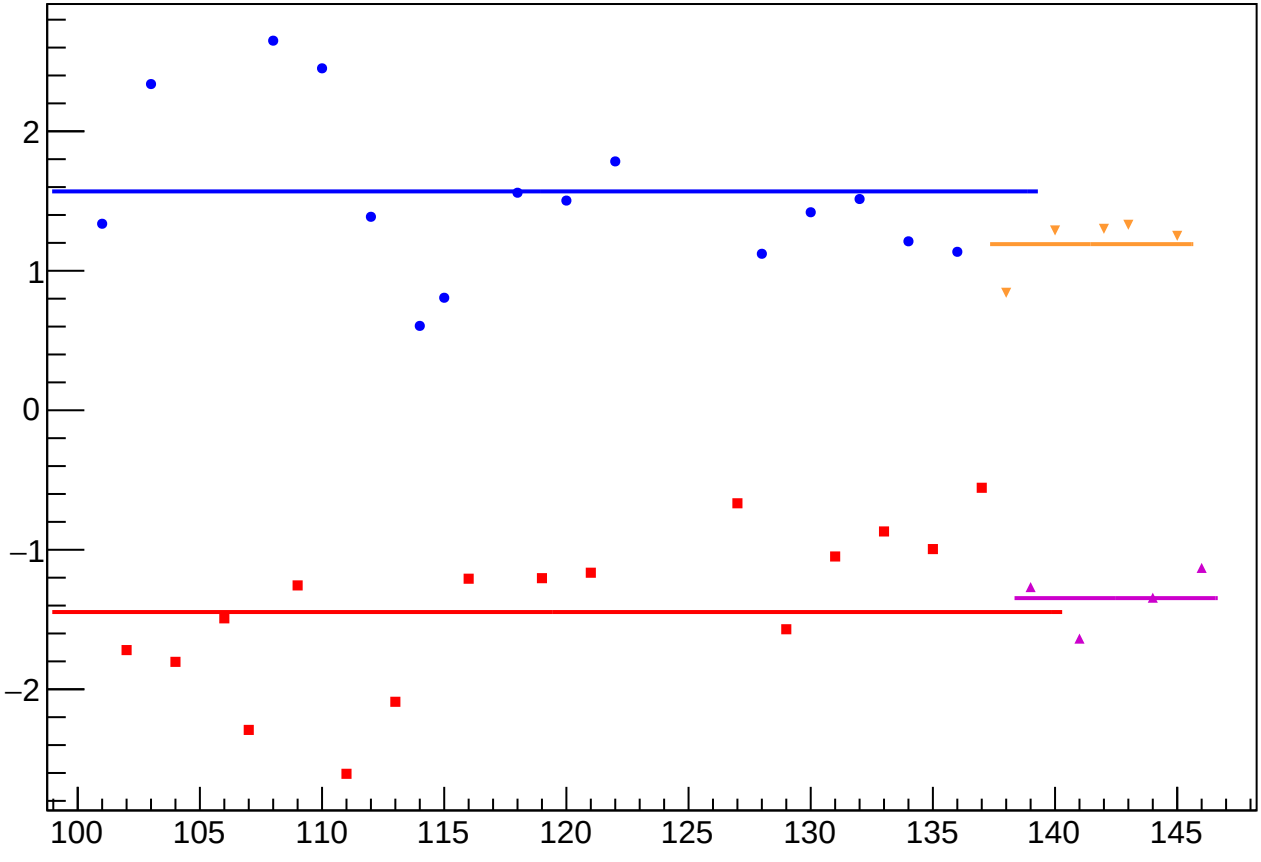
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: -70.641+/-0.000 χ^2/NDF:2924267498139610

Left In: -181.400+/-0.000 χ^2/NDF:46129722307868550626734319018704896.0/3

All: -3.124+/-0.000 χ^2/NDF: 7146105053751

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: -0.048+/-0.000 χ^2/NDF: 11373370669961119

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144 0

Left Out: 1.191+/-0.000 χ^2/NDF:1240369740867661463624101763481 6.0/4

In: 0.571+/-0.000 χ^2/NDF:206365123097557628 7

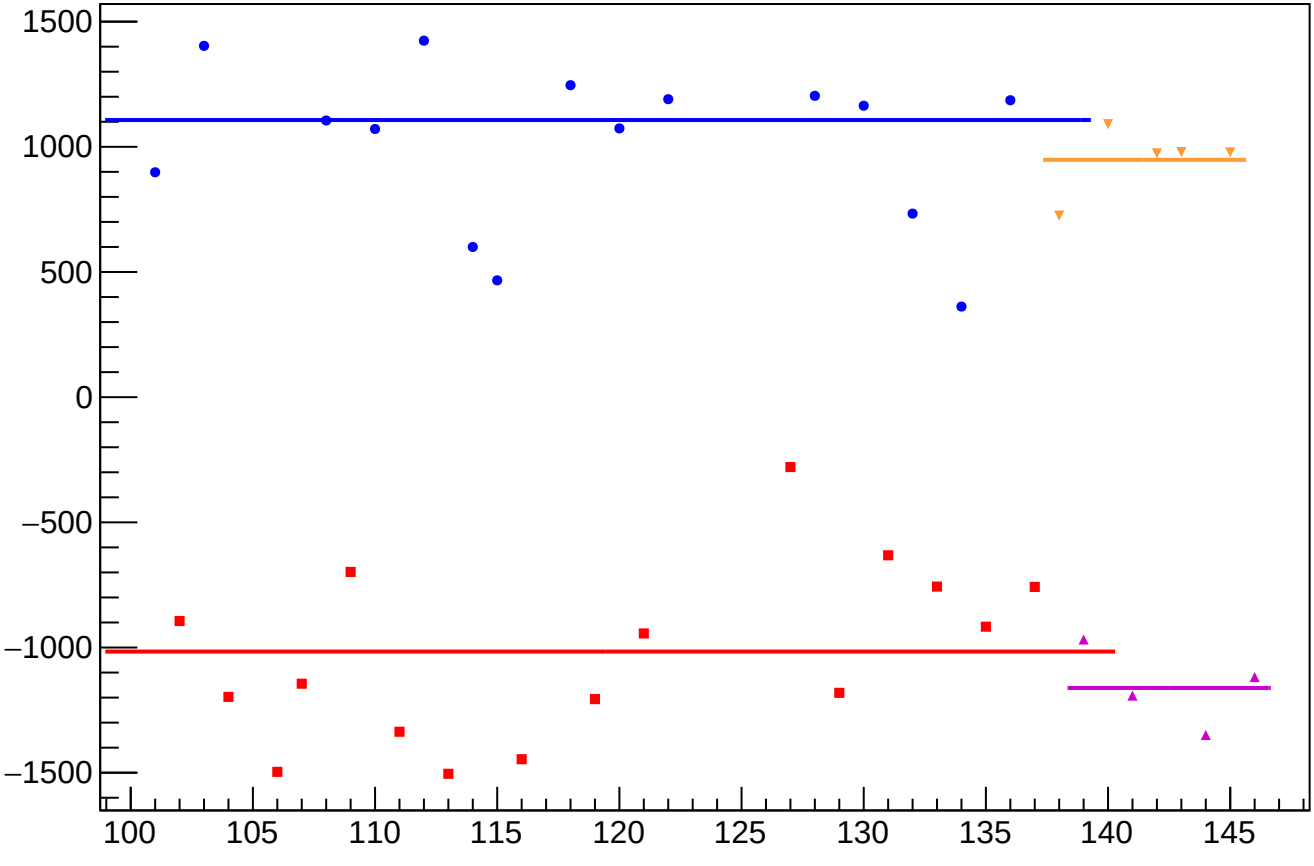
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: -0.532+/-0.000 χ^2/NDF:1817228646297025 3

Left In: -1.347+/-0.000 χ^2/NDF:115576366708307072033755402076 16.0/3

All: 0.010+/-0.000 χ^2/NDF: 4490872979288 2

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

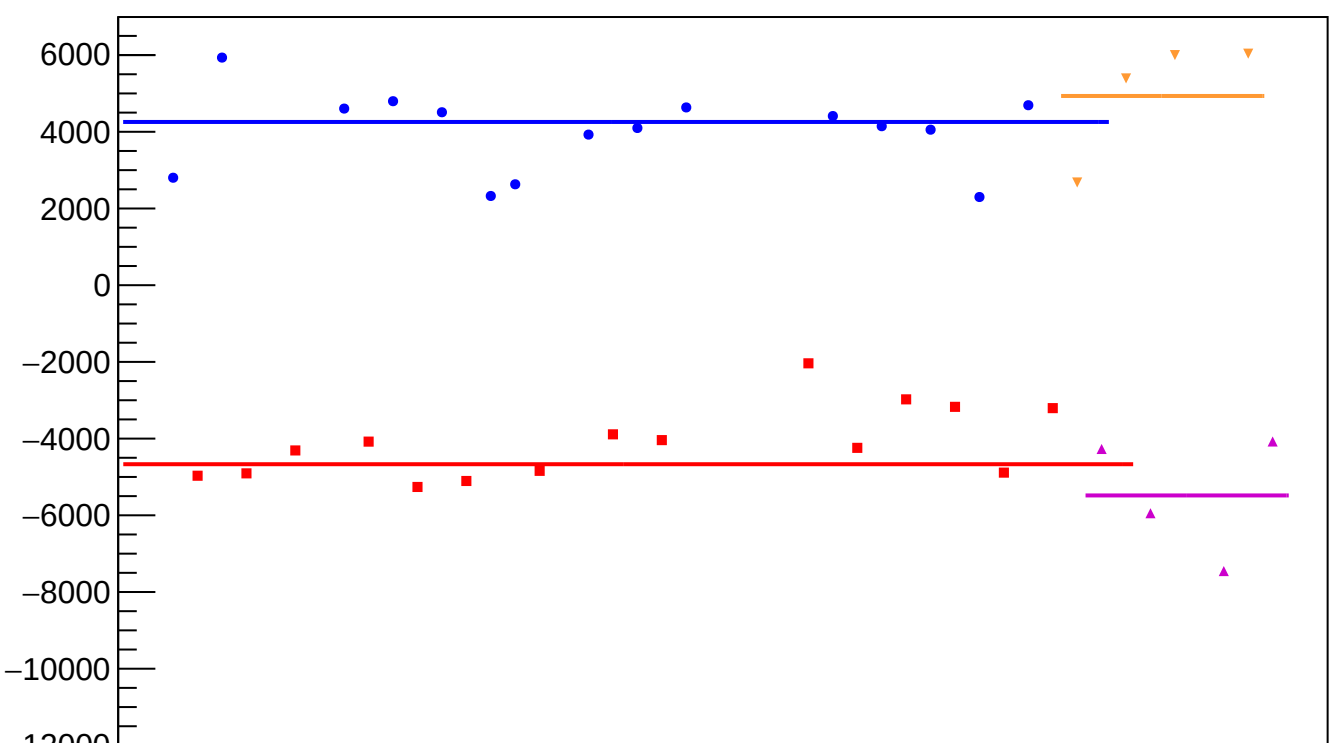
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -699.035+/-0.000 χ^2/NDF: 180513035186015

Right In: 4256.386+/-0.000 χ^2/NDF: 498605412551624859672454954159576186880.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4933.894+/-0.000 χ^2/NDF:5647698973925538879864750272941003898 88.0/3

In: 921.449+/-0.000 χ^2/NDF:2222380505601601 8

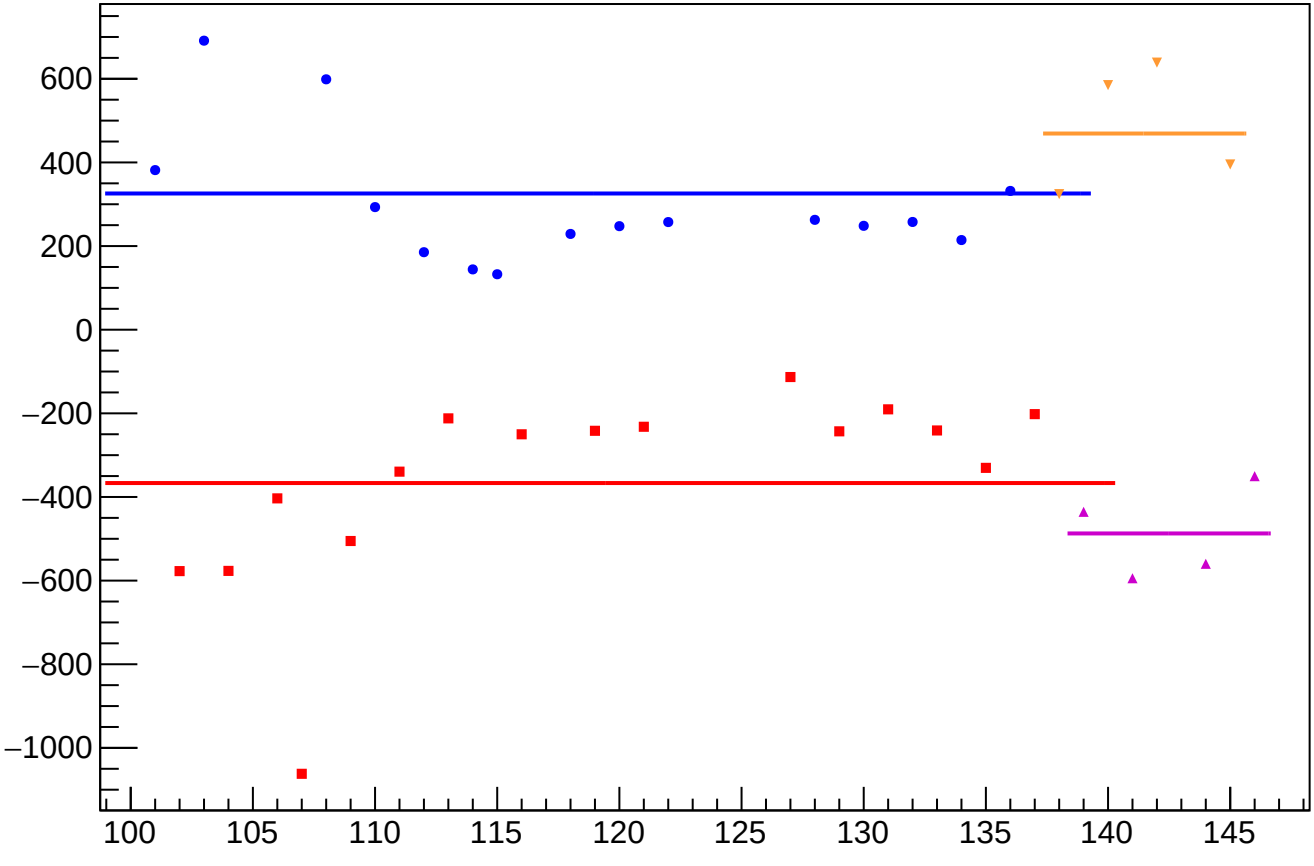
Right Out: -4667.832+/-0.000 χ^2/NDF: 32019255357828074503209517721593095127 04.0/15

Out: -1779.262+/-0.000 χ^2/NDF:2226610756020 5

Left In: -5482.025+/-0.000 χ^2/NDF:6476305887640712725266392064384764477 44.0/3

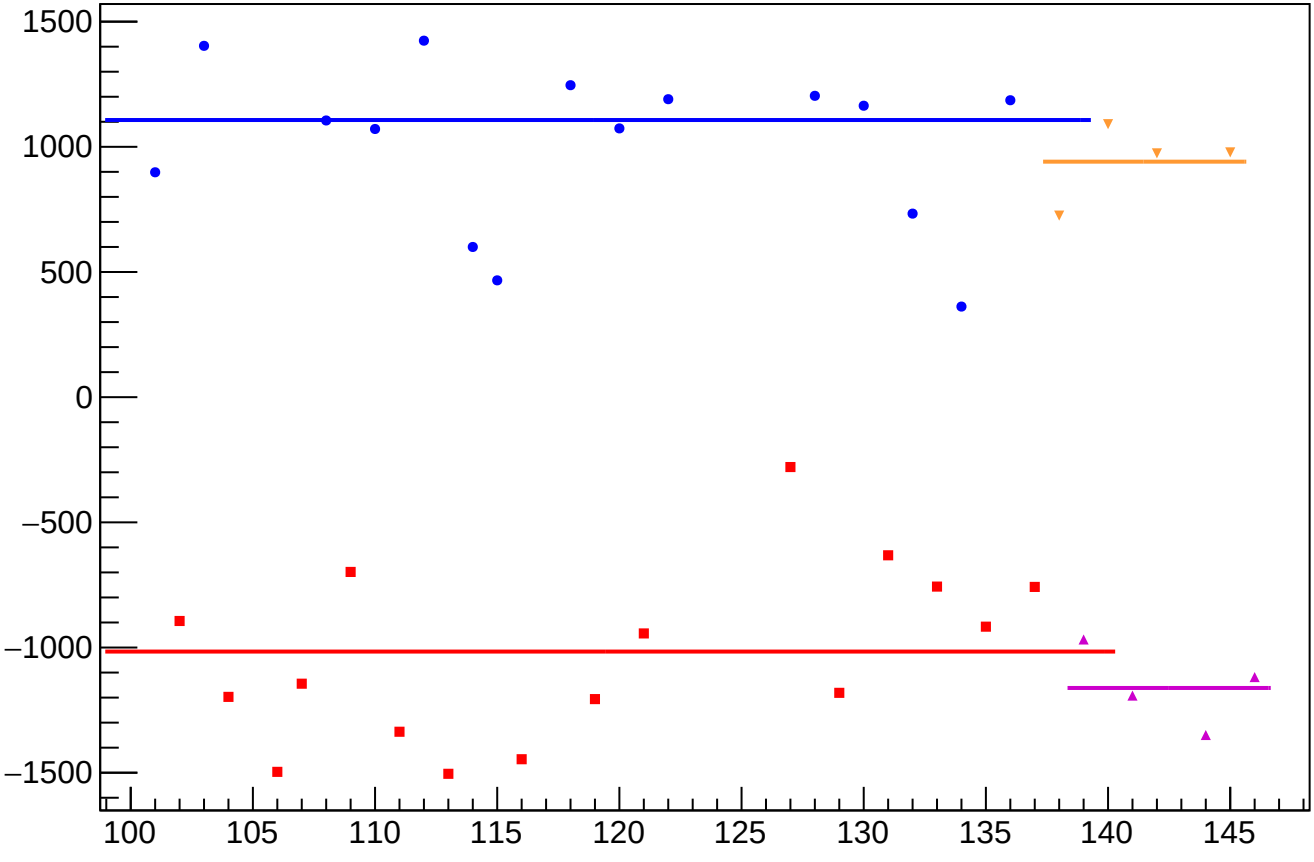
All: -405.948+/-0.000 χ^2/NDF: 4802822593 8

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Left: -48.060+/-0.000 χ^2/NDF: 1496713395633102
Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041
Left Out: 469.127+/-0.000 χ^2/NDF:4502288068743623637977843174897352704.0/3
In: 47.339+/-0.000 χ^2/NDF:16473104306060911
Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15
Out: -115.239+/-0.000 χ^2/NDF:176775444069125
Left In: -487.209+/-0.000 χ^2/NDF:3217673076062534372404153073602134016.0/3
All: -32.568+/-0.000 χ^2/NDF: 354328623402

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -196.168+/-0.000 χ^2/NDF: 697972299599527

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 940.725+/-0.000 χ^2/NDF:562026561218771523082989460627914752 0.0/3

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

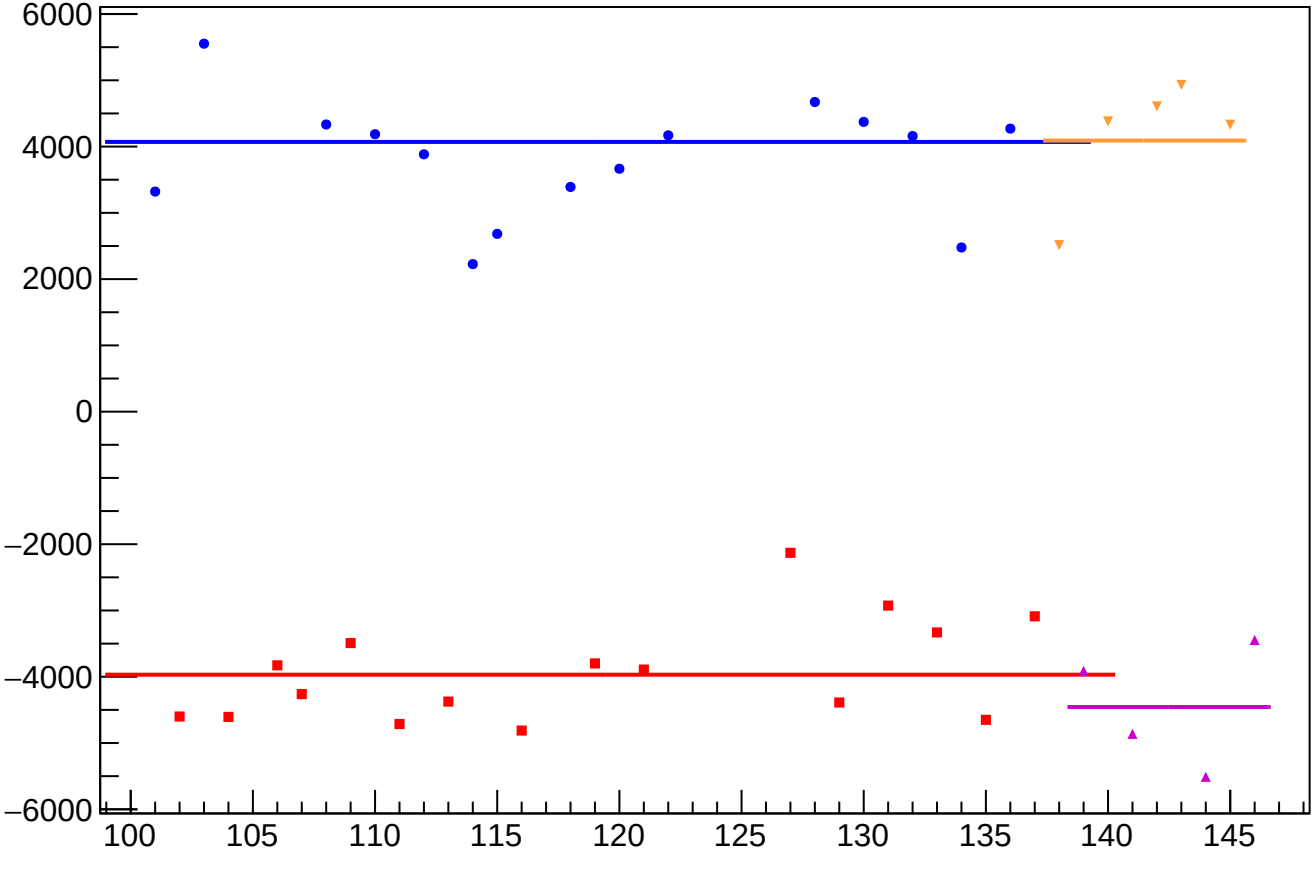
Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Out: -427.416+/-0.000 χ^2/NDF:846550283040467

Left In: -1161.518+/-0.000 χ^2/NDF:641508227518753222980430866555286323 2.0/3

All: -42.180+/-0.000 χ^2/NDF: 231582238094

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -84.066+/-0.000 χ^2/NDF: 1311791978525852

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721

Left Out: 4090.602+/-0.000 χ^2/NDF:2652649745232849118864070786983793786 88.0/4

In: 1150.427+/-0.000 χ^2/NDF:167240224443174

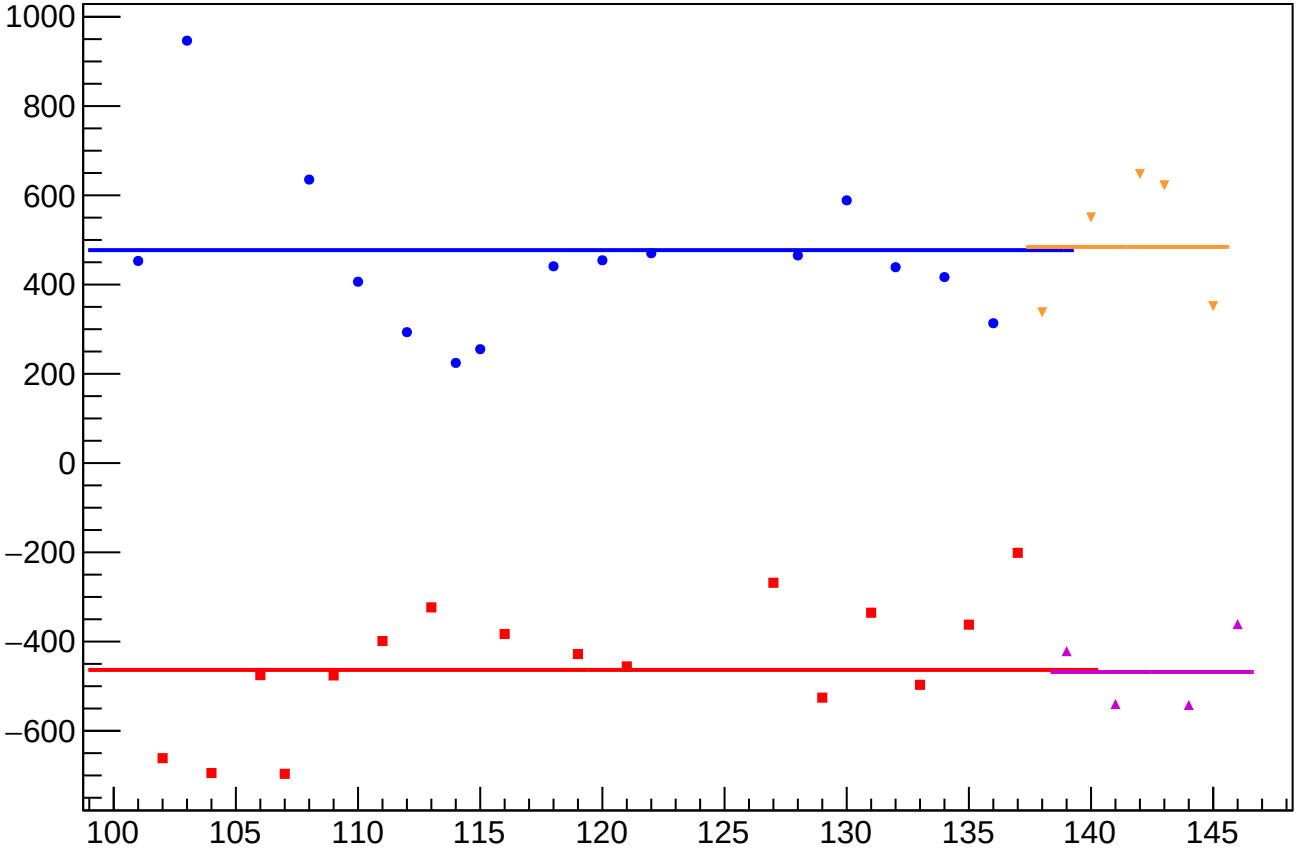
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

Out: -1174.402+/-0.000 χ^2/NDF:15646284894884

Left In: -4456.351+/-0.000 χ^2/NDF:2216882975009538546061163817912626053 12.0/3

All: -31.670+/-0.000 χ^2/NDF: 350827538912

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 19.123+/-0.000 χ^2/NDF: 1648798982399907

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964

Left Out: 484.340+/-0.000 χ^2/NDF:5964777321152457018609796540660711424.0/4

In: 153.466+/-0.000 χ^2/NDF:2211168130325657

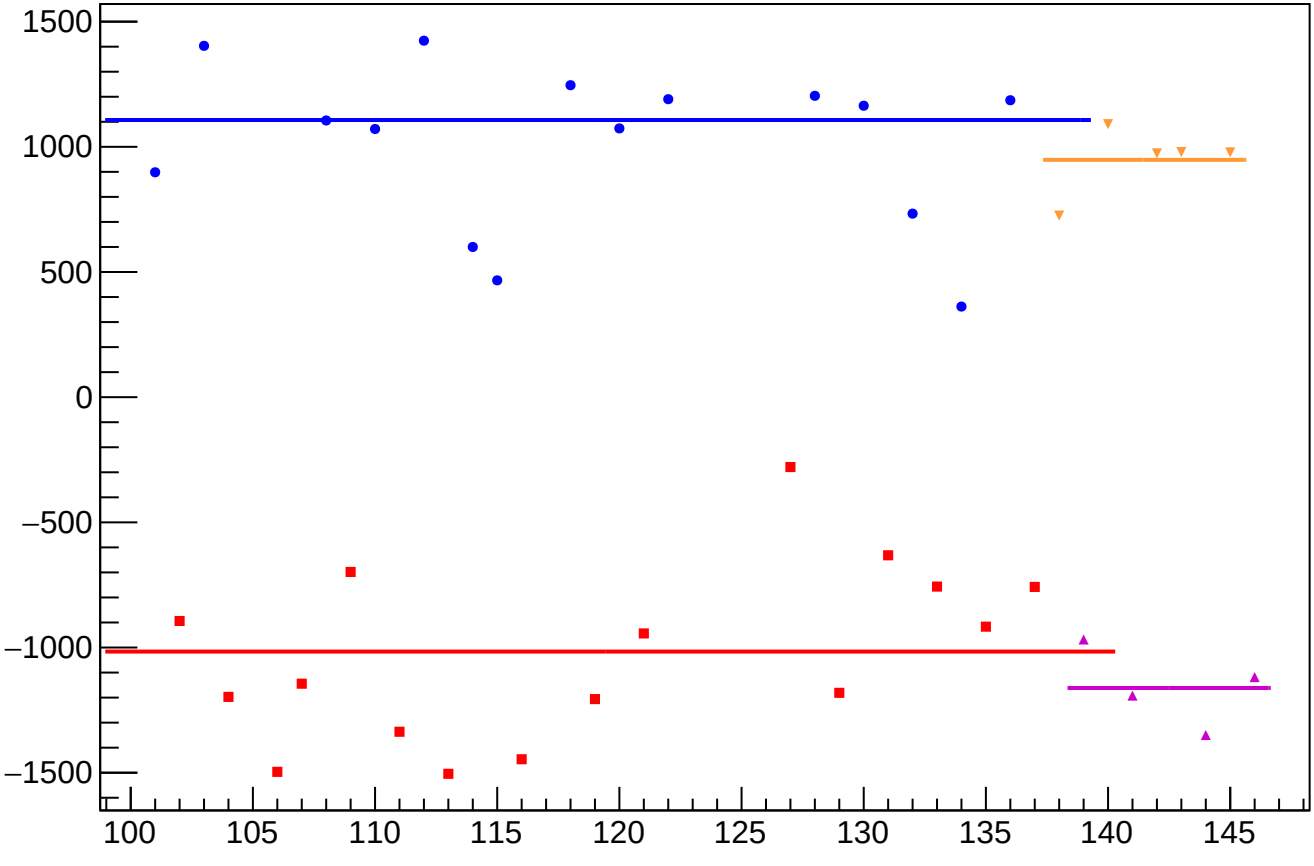
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: -134.874+/-0.000 χ^2/NDF:226292734375368

Left In: -468.117+/-0.000 χ^2/NDF:2057890020258326350654917971151945728.0/3

All: 6.855+/-0.000 χ^2/NDF: 4891337474298

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

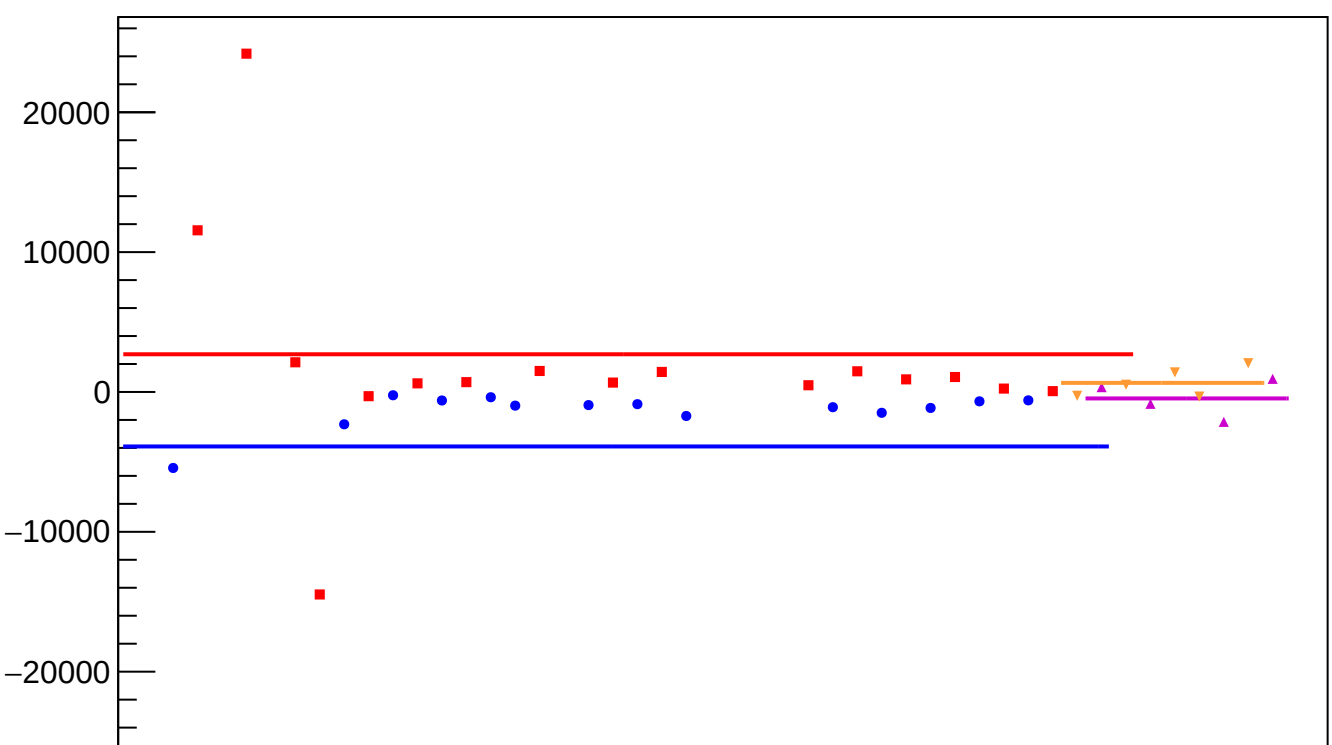
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

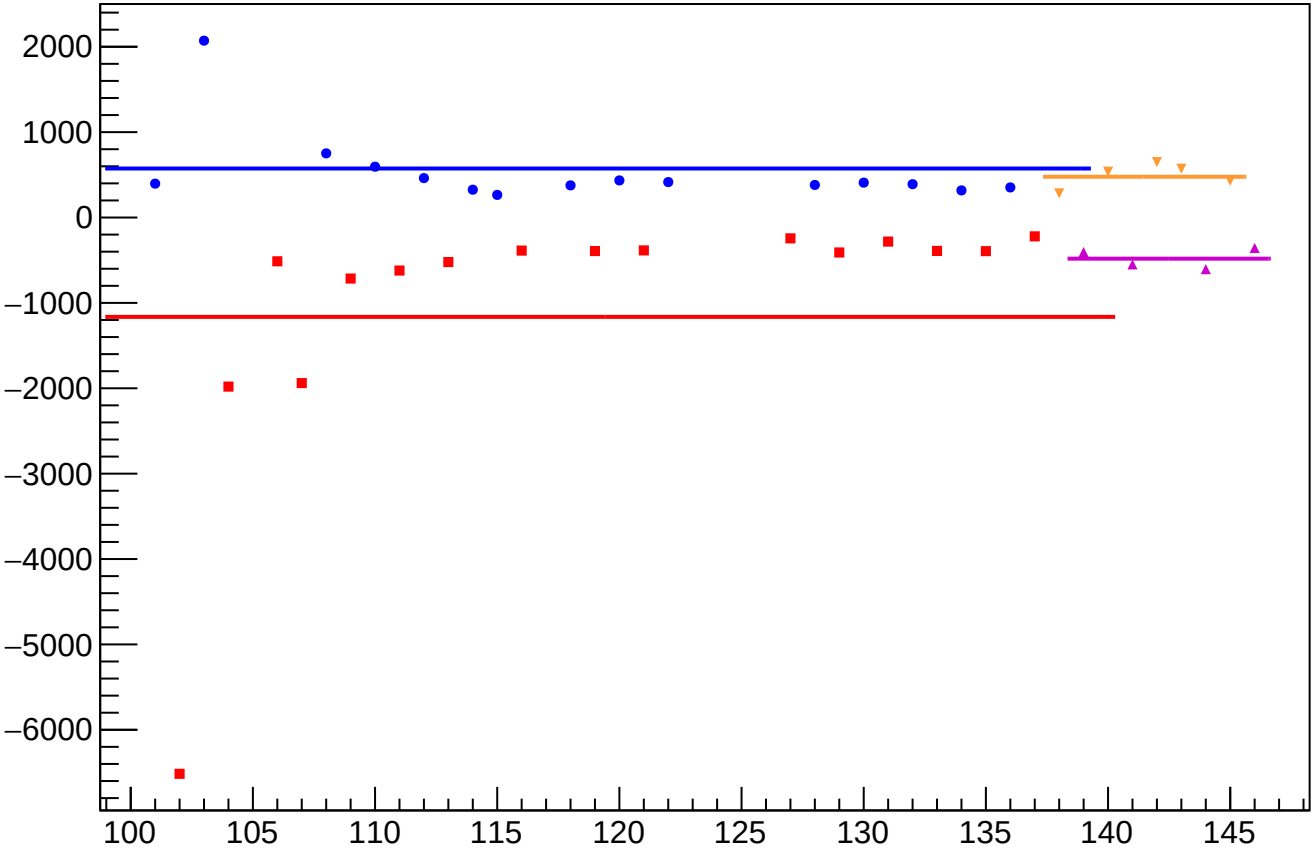
All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_atl1_coil4_mean vs Slug, Sign Corrected



Left: 106.957+/-0.000 χ^2/NDF: 1010526336400765
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: 650.768+/-0.000 χ^2/NDF:318000845532174319492149367551169658880.0/4
In: -2720.568+/-0.000 χ^2/NDF:427175424235503
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 1986.874+/-0.000 χ^2/NDF:421078168391977
Left In: -462.597+/-0.000 χ^2/NDF:478192317564498132211947094038875734016.0/3
All: -326.993+/-0.000 χ^2/NDF: 95946496825

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 9.097+/-0.000 χ^2/NDF: 16810833342049727

Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14

Right: -306.705+/-0.000 χ^2/NDF: 31486221730071

Left Out: 477.809+/-0.000 χ^2/NDF:53698304095500151850787948856176803 84.0/4

In: 212.475+/-0.000 χ^2/NDF:4033947447775232

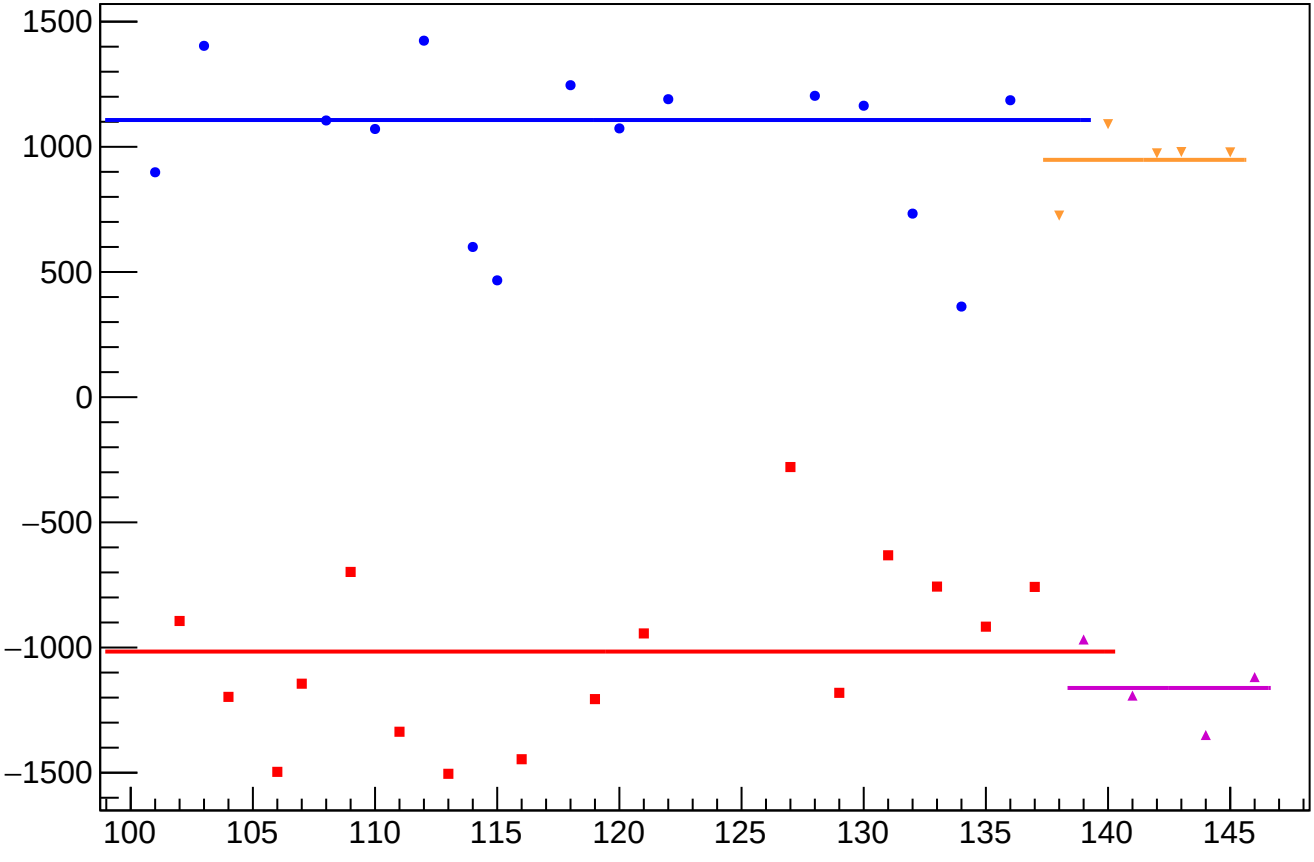
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15

Out: -594.556+/-0.000 χ^2/NDF:263170788062724

Left In: -481.802+/-0.000 χ^2/NDF:3515989015110379527299465485744078848.0/3

All: -197.873+/-0.000 χ^2/NDF: 33619607140

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

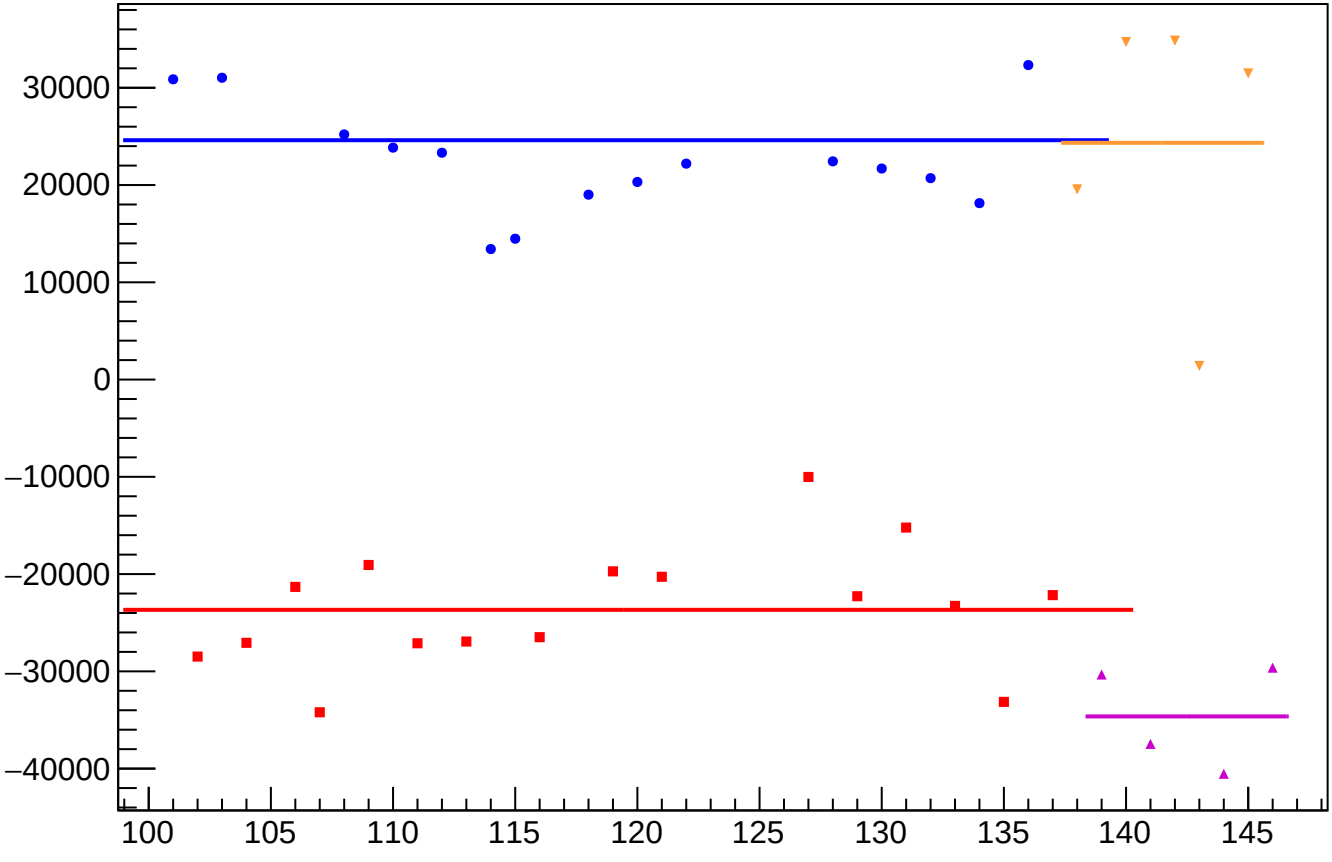
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -4464.601+/-0.000 χ^2/NDF: 66381619060809

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 24341.418+/-0.000 χ^2/NDF:550568070285299361237546239585119706808 32.0/4

In: 4320.891+/-0.000 χ^2/NDF:804962985156217 4

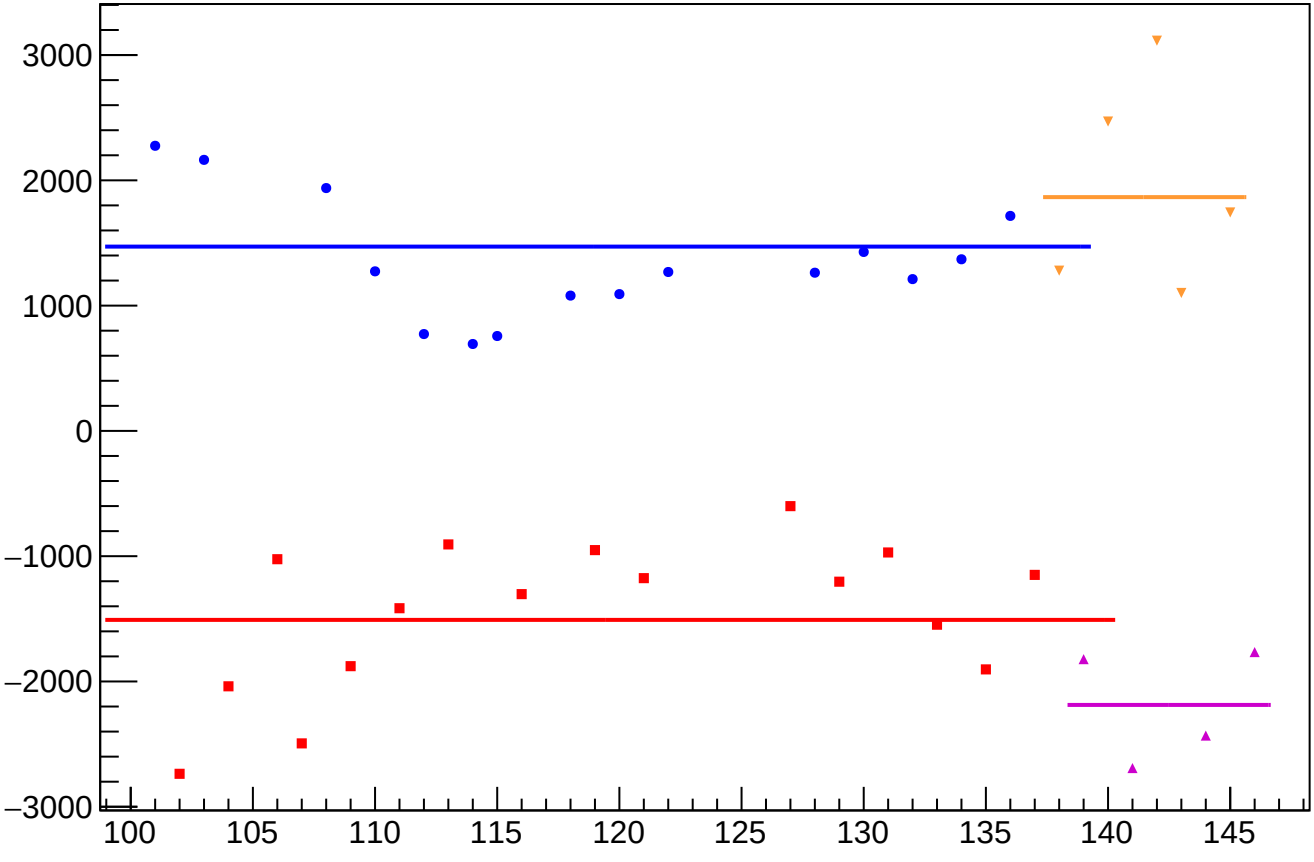
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: -7026.106+/-0.000 χ^2/NDF:61304850143799

Left In: -34634.219+/-0.000 χ^2/NDF:7365300019099663394561006855872090996736.0/3

All: -1448.672+/-0.000 χ^2/NDF: 1482627633

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Left: -113.759+/-0.000 χ^2/NDF: 306197099981365

Right In: 1471.095+/-0.000 χ^2/NDF: 13917497942046784107389416795645 2016128.0/14

Right: -39.055+/-0.000 χ^2/NDF: 330947344548199

Left Out: 1865.991+/-0.000 χ^2/NDF:16885698517507008309551030018631 3228288.0/4

In: 218.296+/-0.000 χ^2/NDF:3166123669871795

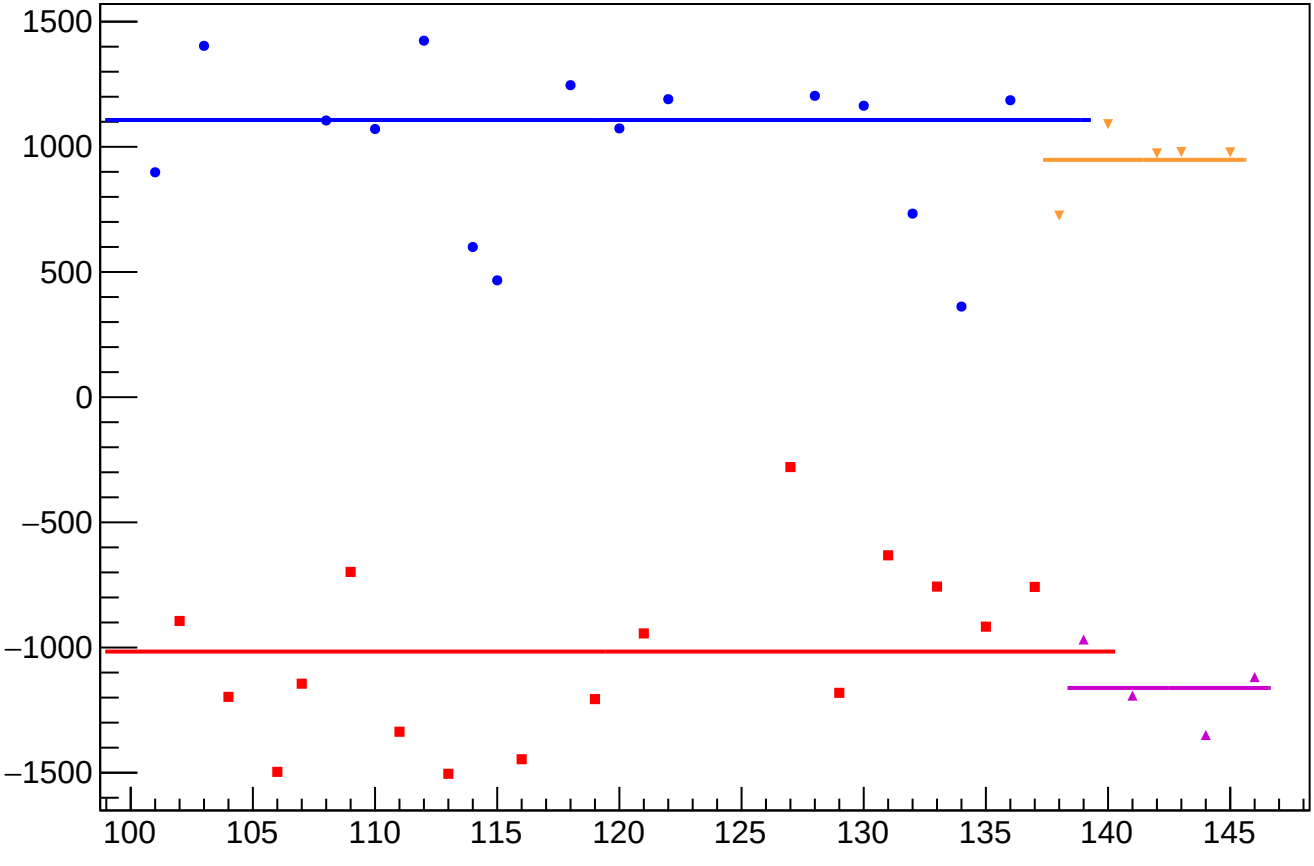
Right Out: -1508.451+/-0.000 χ^2/NDF: 25008516377042505060576344698571 5613696.0/15

Out: -338.468+/-0.000 χ^2/NDF:305228308644140

Left In: -2187.224+/-0.000 χ^2/NDF:52493941405815191863450079929888145408.0/3

All: -64.799+/-0.000 χ^2/NDF: 637397541158

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

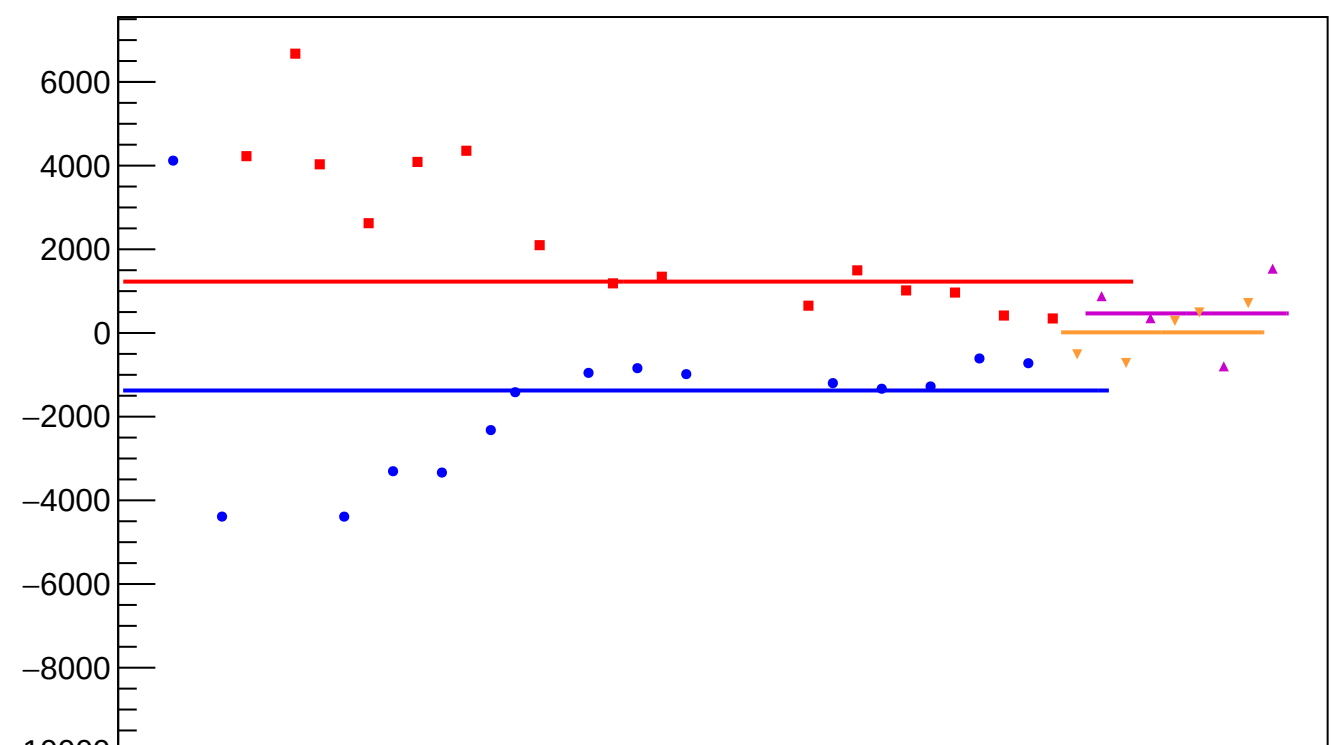
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 236.056+/-0.000 χ^2/NDF: 411442603145507

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: 15.056+/-0.000 χ^2/NDF:1238552971329740777411304879616132382 72.0/4

In: -743.704+/-0.000 χ^2/NDF:4079078173782734

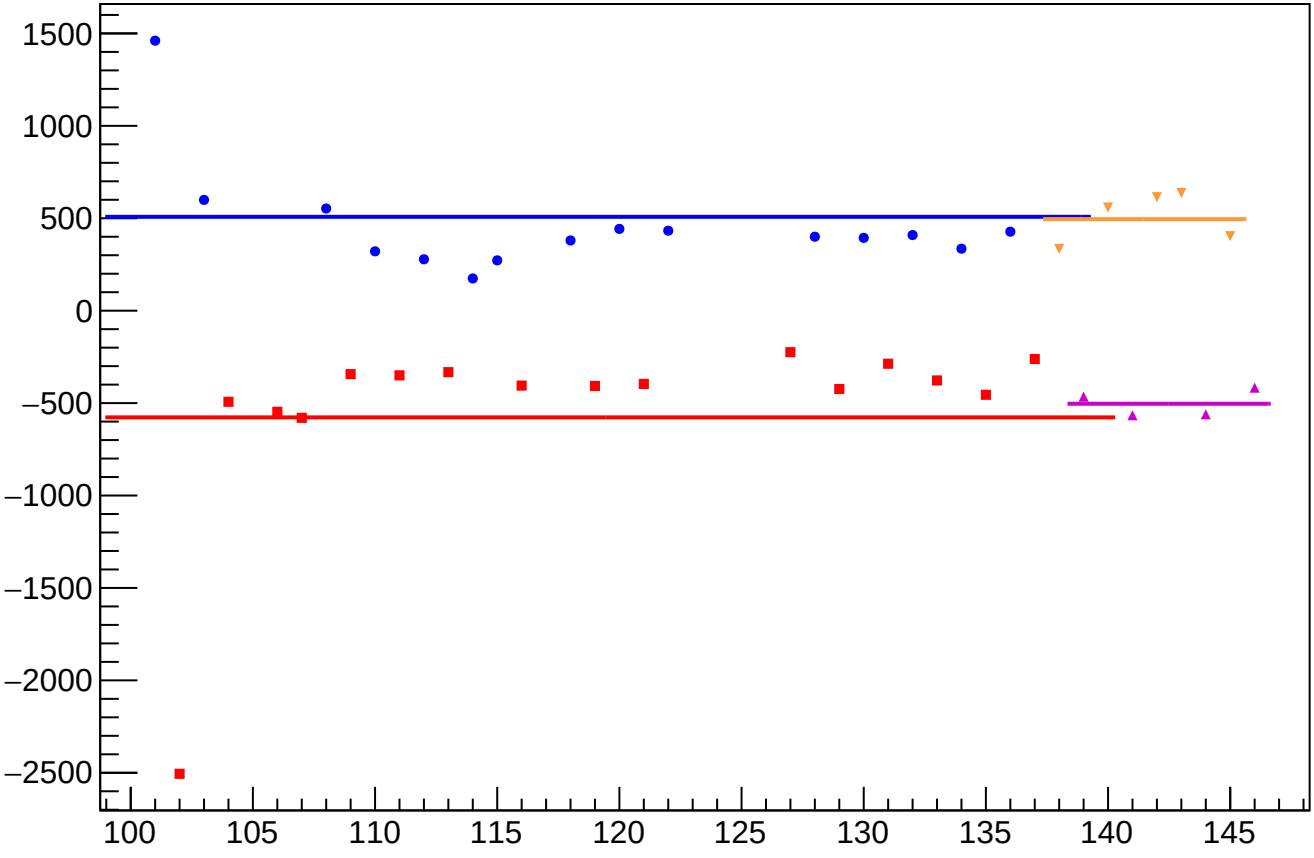
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: 807.370+/-0.000 χ^2/NDF:115793401490593 9

Left In: 467.518+/-0.000 χ^2/NDF:2521894318334711553732521823782368706 56.0/3

All: 44.965+/-0.000 χ^2/NDF: 1686579997450

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 7.500+/-0.000 χ^2/NDF: 178893892239644471

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Right: -42.141+/-0.000 χ^2/NDF: 692705775128653

Left Out: 495.353+/-0.000 χ^2/NDF:503400201343726902409651407096171 7248.0/4

In: 161.503+/-0.000 χ^2/NDF:292789963790034 61

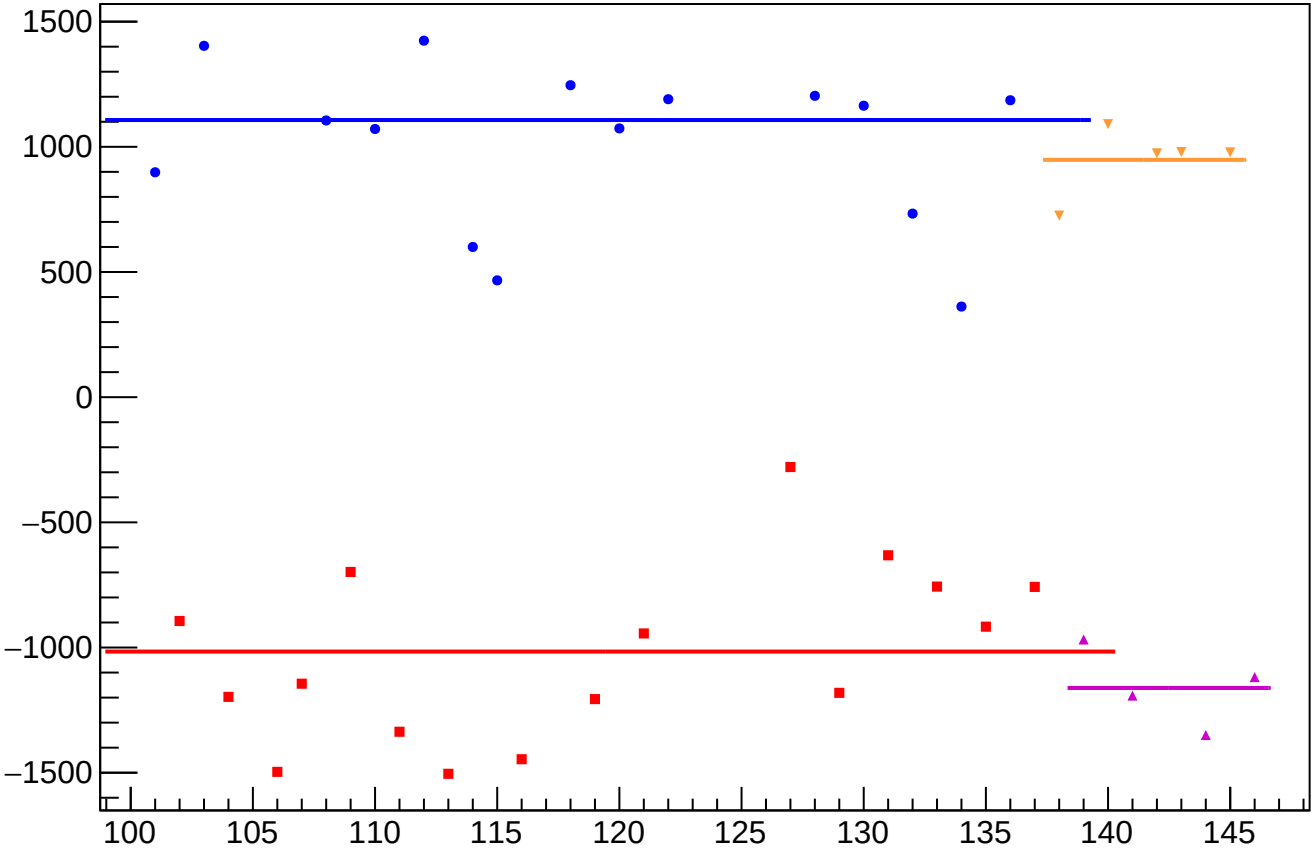
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Out: -205.359+/-0.000 χ^2/NDF:512383903270709

Left In: -503.447+/-0.000 χ^2/NDF:136720639803019781402262361300847 8208.0/3

All: -25.034+/-0.000 χ^2/NDF: 872717243466

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

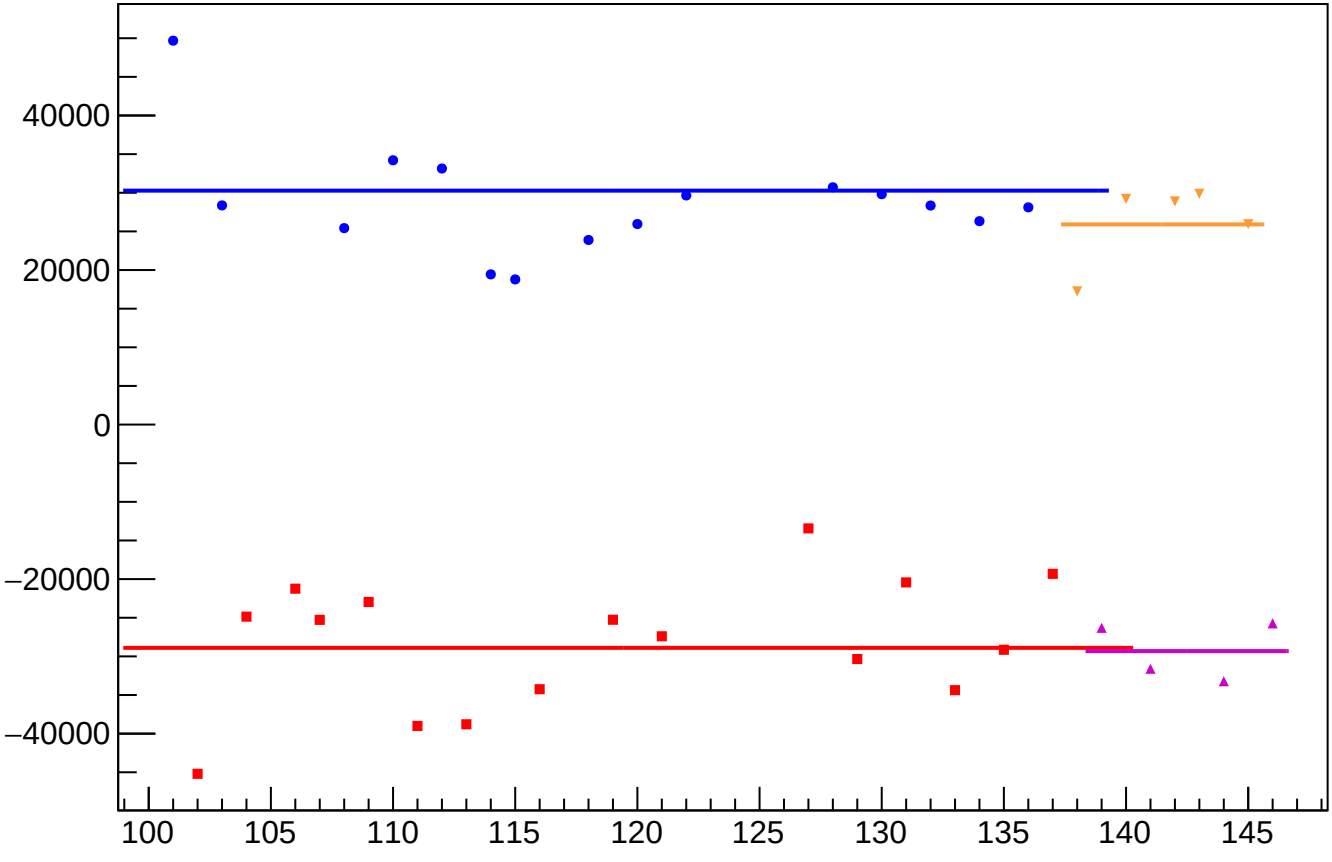
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -1066.503+/-0.000 χ^2/NDF: 53911483960548

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 12297426590616 7

Left Out: 25906.582+/-0.000 χ^2/NDF:82151572231604017602053572728863860981 76.0/4

In: 9869.548+/-0.000 χ^2/NDF:8238953143125995

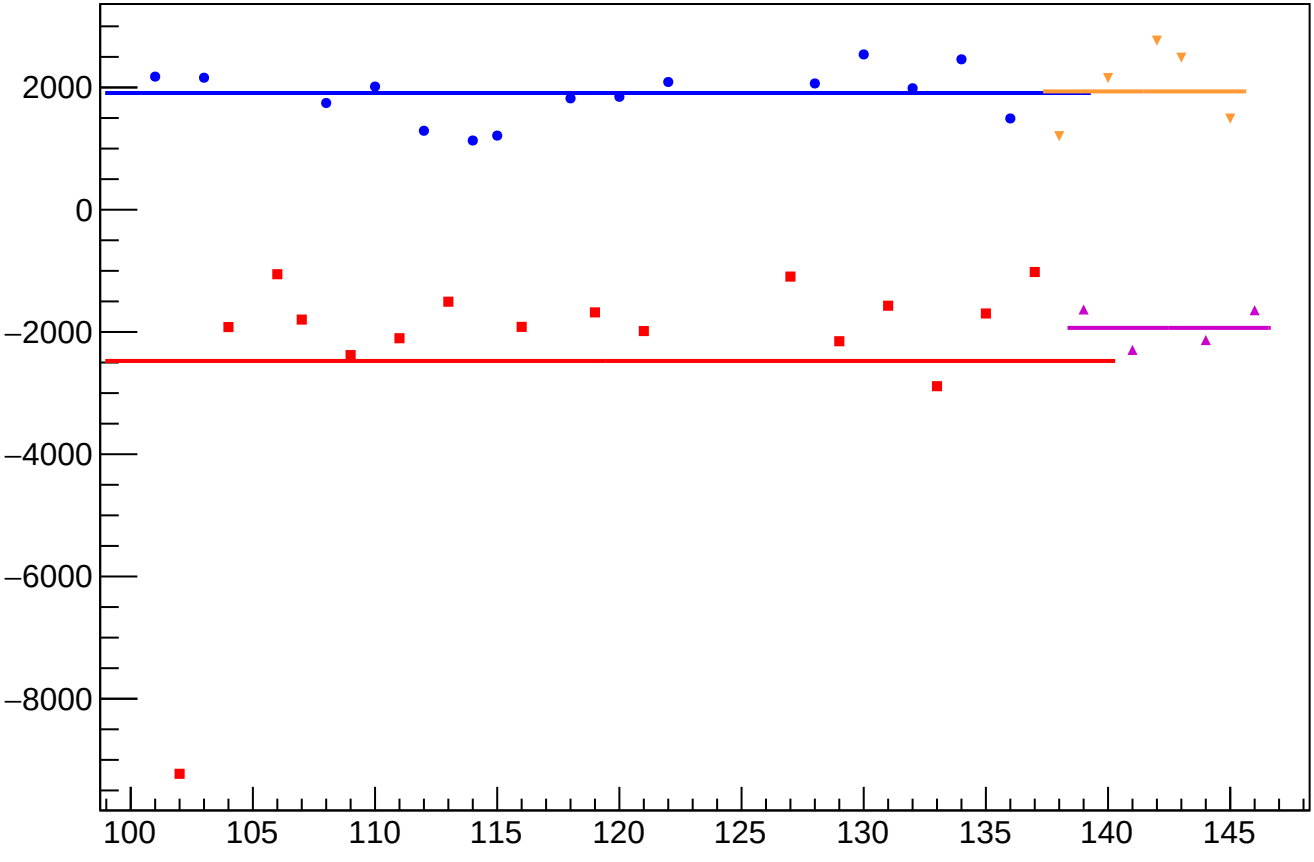
Right Out: -28896.318+/-0.000 χ^2/NDF: 4696950405801035914625056022840971414 7328.0/15

Out: -9895.117+/-0.000 χ^2/NDF:74974572541489

Left In: -29316.421+/-0.000 χ^2/NDF:3604378711799768128097000101599248384000.0/3

All: -180.115+/-0.000 χ^2/NDF: 1769687086 2

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 45.906+/-0.000 χ^2/NDF: 27298571825133008

Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14

Right: -312.249+/-0.000 χ^2/NDF: 94418650101321

Left Out: 1935.270+/-0.000 χ^2/NDF:113868750773205163256875788404407664640.0/4

In: 593.621+/-0.000 χ^2/NDF:3397666864186833

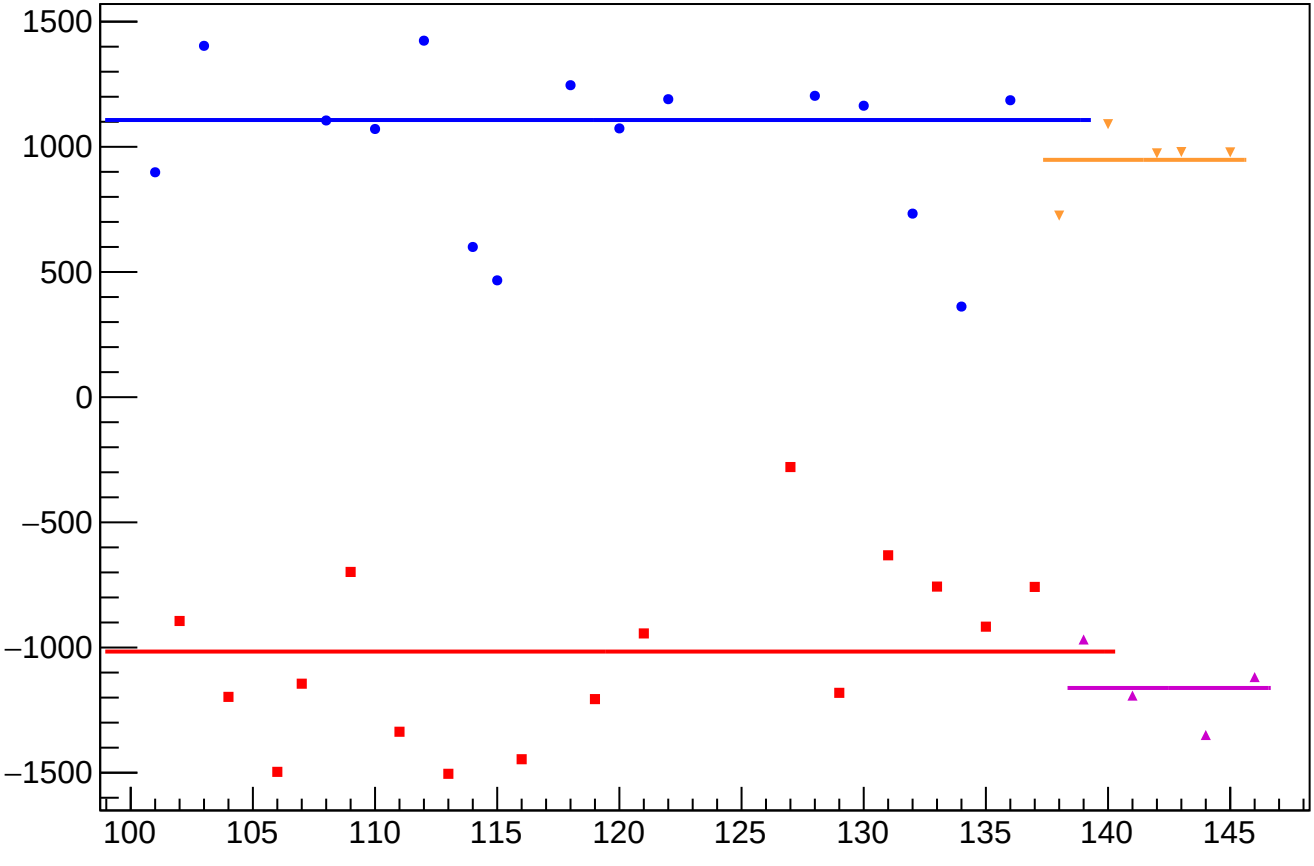
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15

Out: -945.208+/-0.000 χ^2/NDF:764383822974273

Left In: -1932.895+/-0.000 χ^2/NDF:288255190951230480533950281928534917 12.0/3

All: -188.821+/-0.000 χ^2/NDF: 12229897915

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

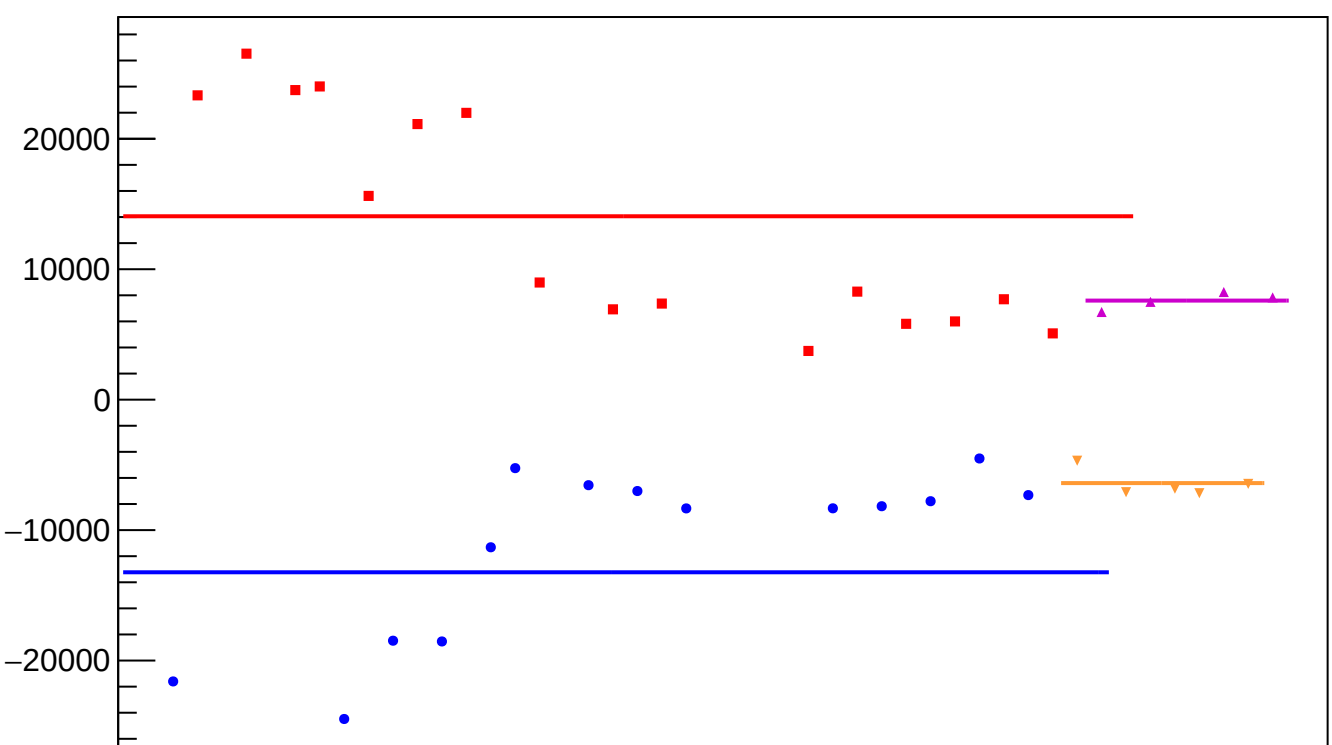
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 438.041+/-0.000 χ^2/NDF: 3427006644250056

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -6395.613+/-0.000 χ^2/NDF:3186007937573778250210875591808966983 68.0/4

In: -6100.591+/-0.000 χ^2/NDF:137782104844655

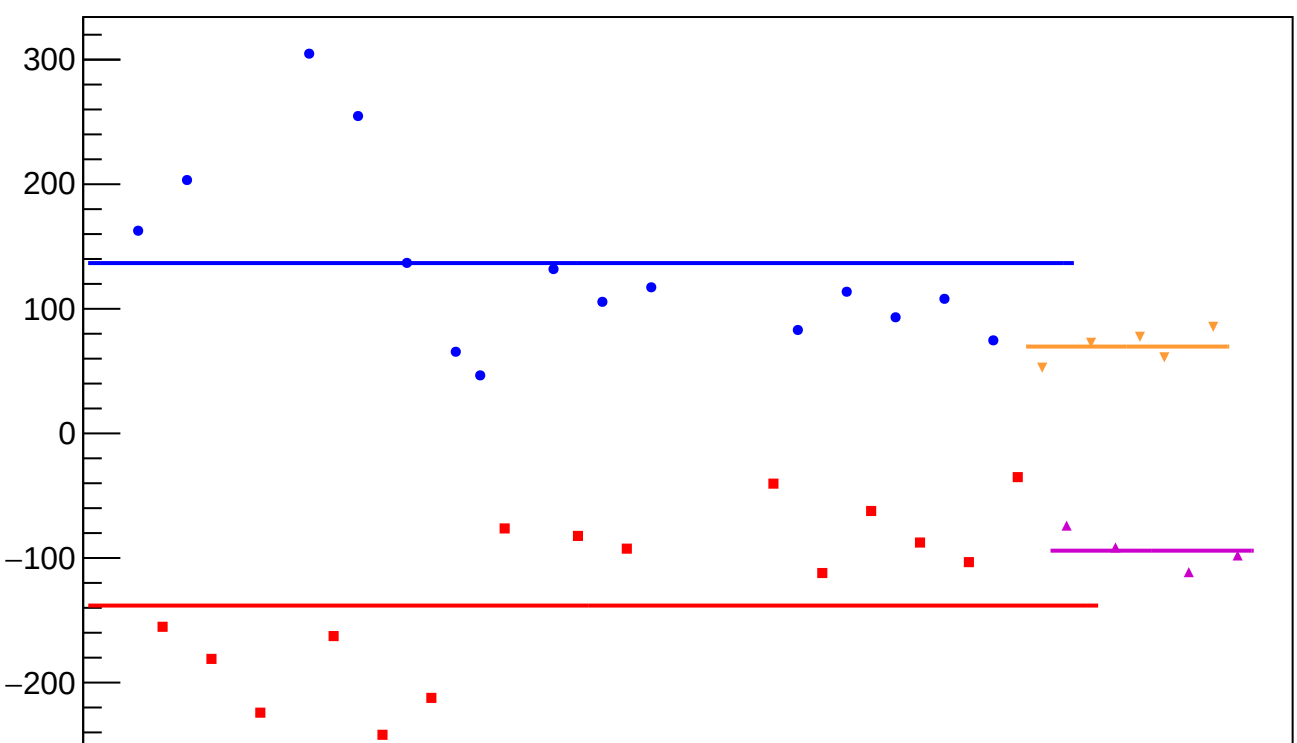
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 6967.720+/-0.000 χ^2/NDF:141577414656717

Left In: 7595.182+/-0.000 χ^2/NDF:1061429818823335424726988430667583324 16.0/3

All: 544.202+/-0.000 χ^2/NDF: 365066875911

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -10.322+/-0.000 χ^2/NDF: 4752415007686960

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 69.691+/-0.000 χ^2/NDF:5143278093812044752222514900788838 4.0/4

In: 57.662+/-0.000 χ^2/NDF:14590501133365633

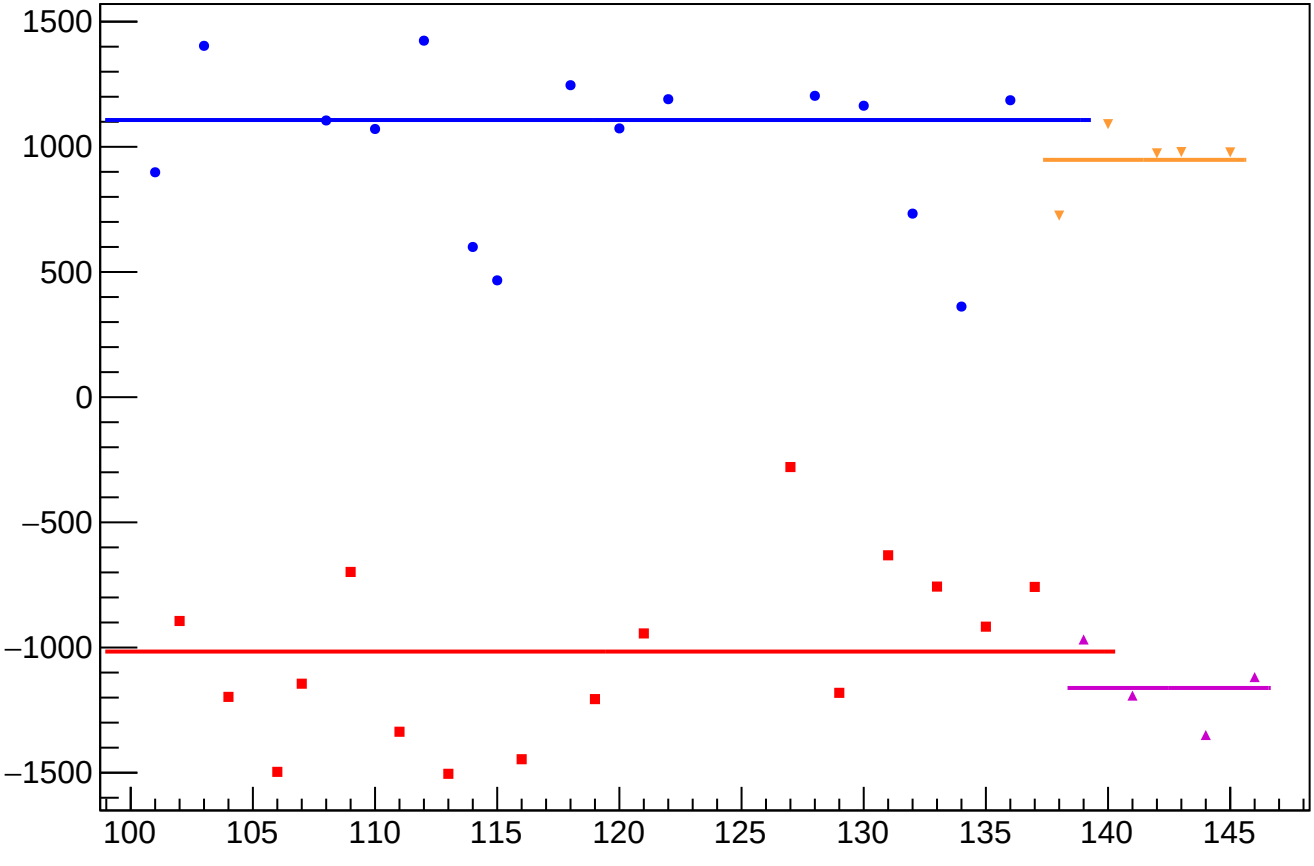
Right Out: -138.179+/-0.000 χ^2/NDF: 32308833528786363346416135618984673 28.0/15

Out: -66.107+/-0.000 χ^2/NDF:1327512777901088

Left In: -94.122+/-0.000 χ^2/NDF:6107037592779844726279689157895782 4.0/3

All: -5.270+/-0.000 χ^2/NDF: 3555336356095

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

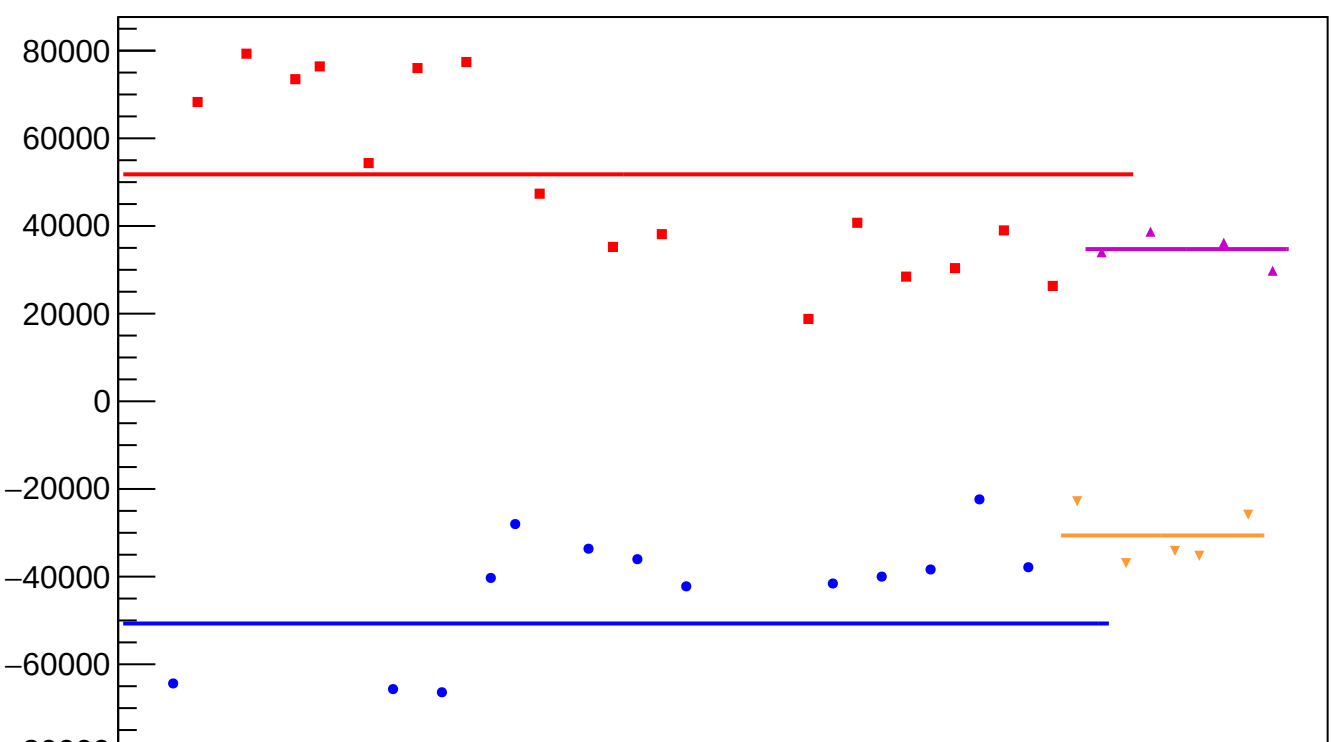
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

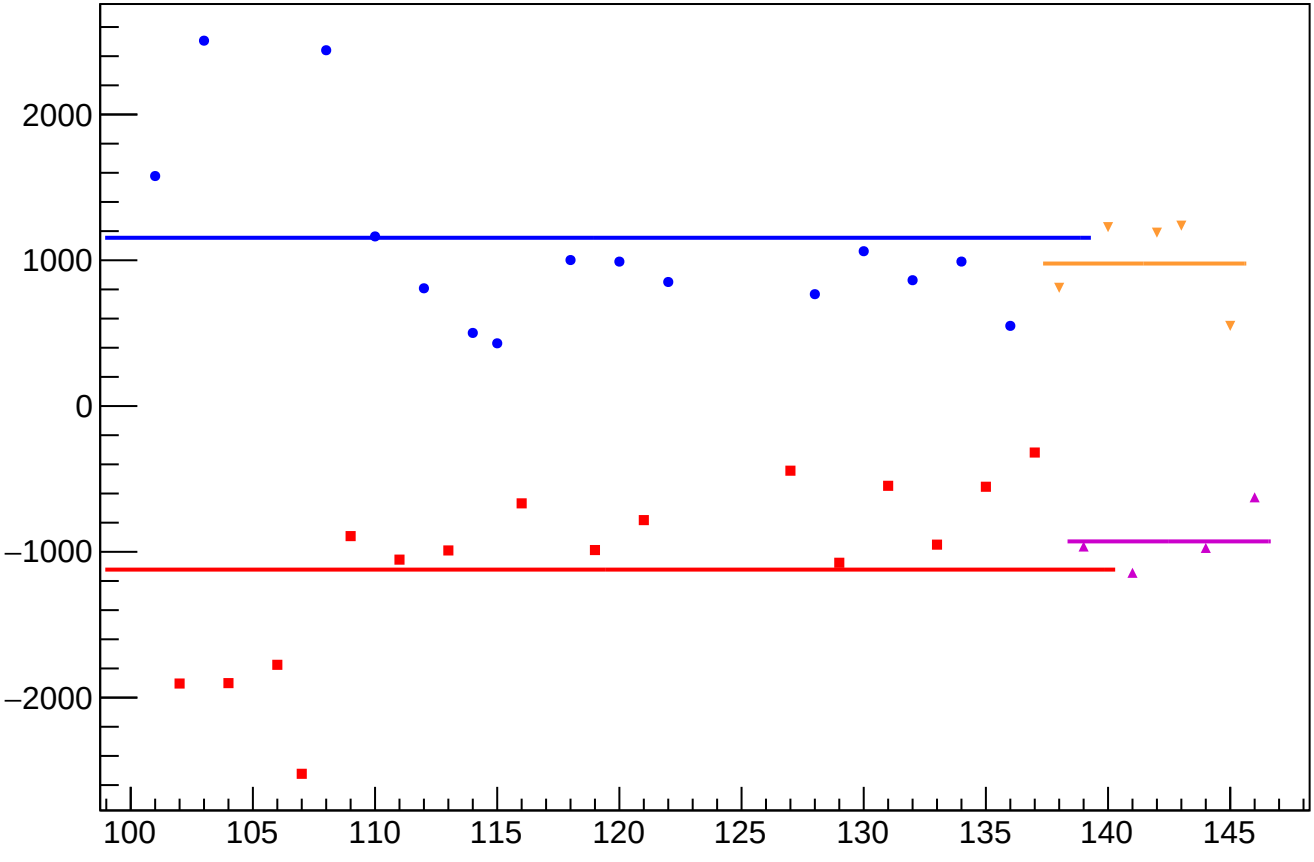
All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_sam2_coil4_mean vs Slug, Sign Corrected



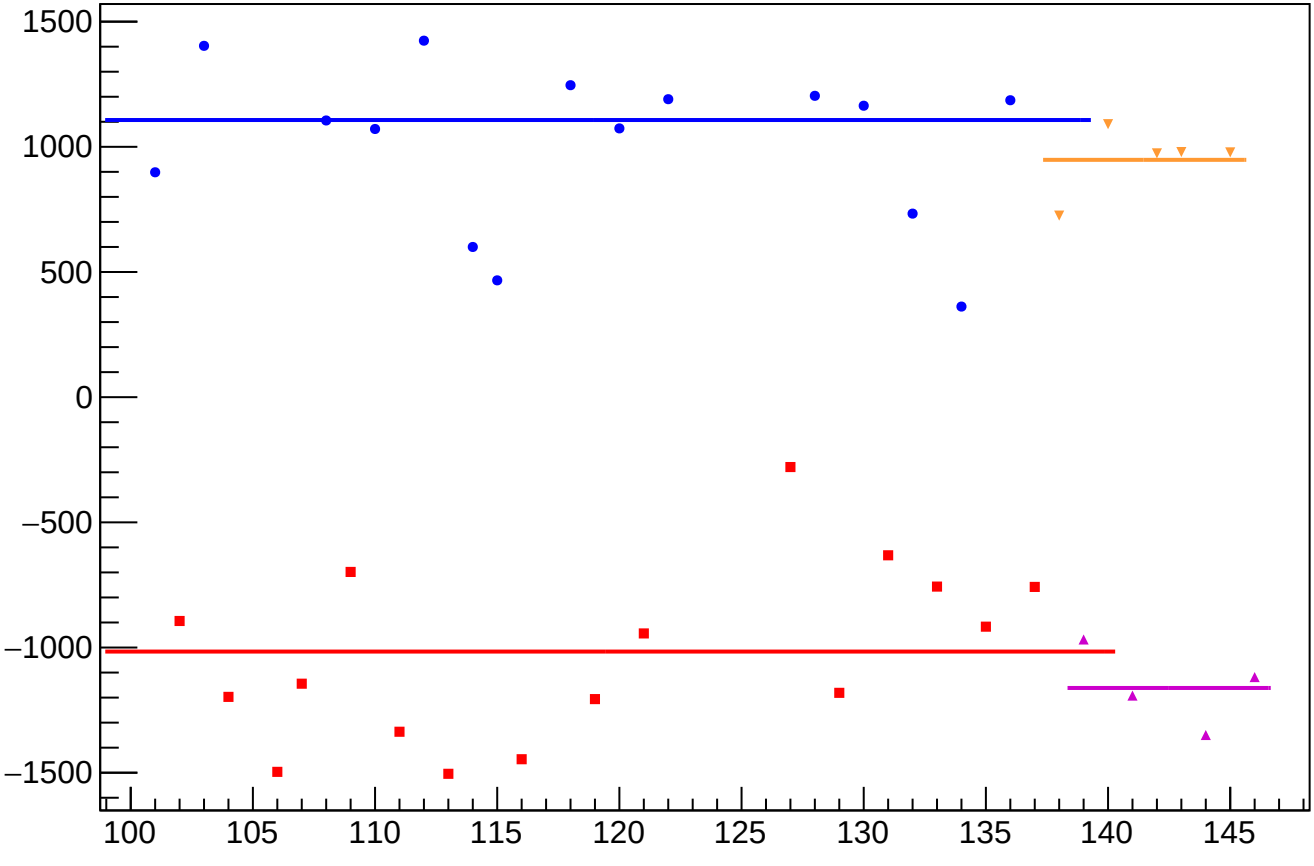
Left: 1306.073+/-0.000 χ^2/NDF: 75342674976141
Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14
Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379
Left Out: -30604.043+/-0.000 χ^2/NDF:1184213345616580344755433742528584823603 2.0/4
In: -21442.449+/-0.000 χ^2/NDF:1851965031195 0
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15
Out: 23218.451+/-0.000 χ^2/NDF:1863382846837 5
Left In: 34726.726+/-0.000 χ^2/NDF:3596434987501972448352791419030048079872.0/3
All: 1266.106+/-0.000 χ^2/NDF: 4716347973 4

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 46.580+/-0.000 χ^2/NDF: 6686488419666574
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946373120 0/14
Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997
Left Out: 977.567+/-0.000 χ^2/NDF:286681278895555185024367167836876963 84.0/4
In: 441.069+/-0.000 χ^2/NDF:1225222913592012
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
Out: -393.997+/-0.000 χ^2/NDF:127420640619263
Left In: -928.477+/-0.000 χ^2/NDF:1180733125398015911962022421659333427 2.0/3
All: 16.466+/-0.000 χ^2/NDF: 2849392011601

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

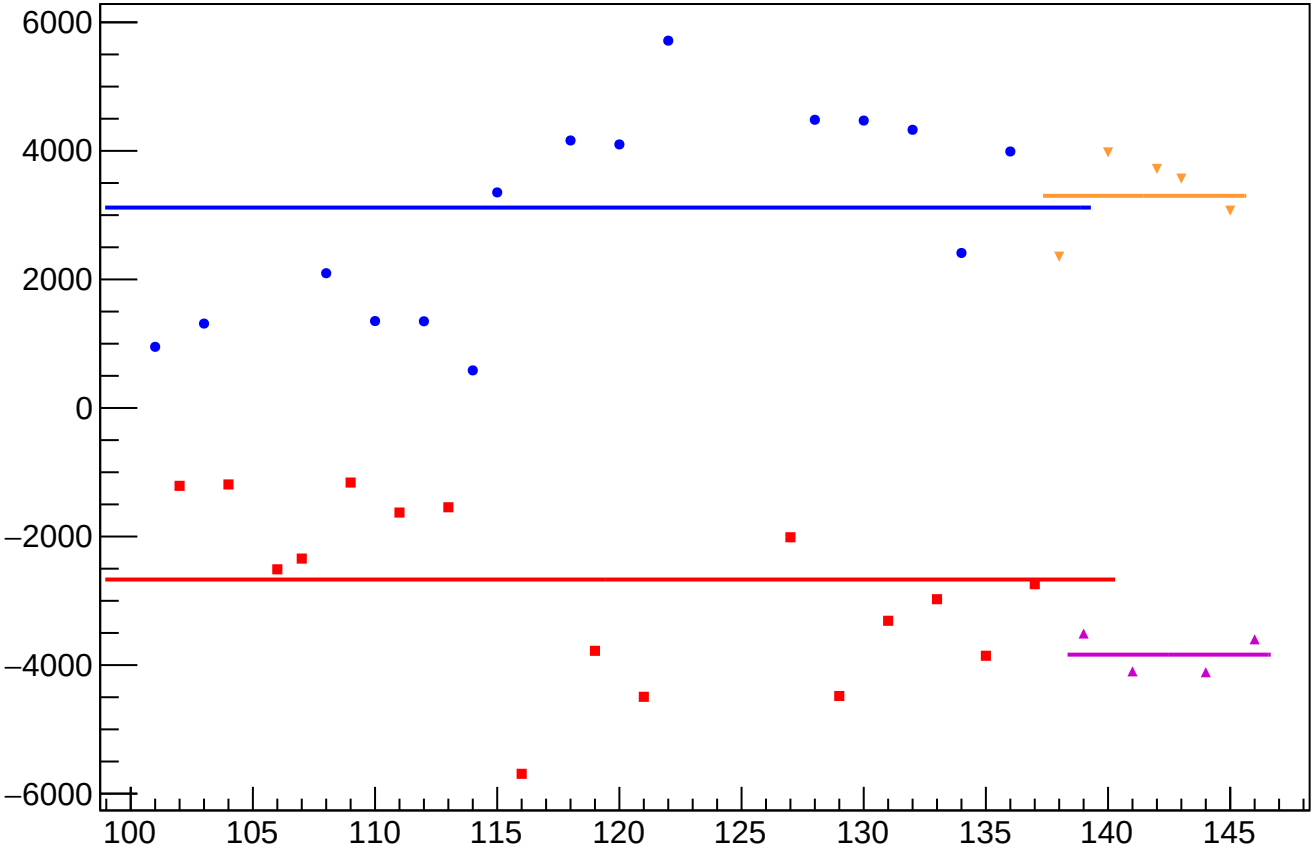
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

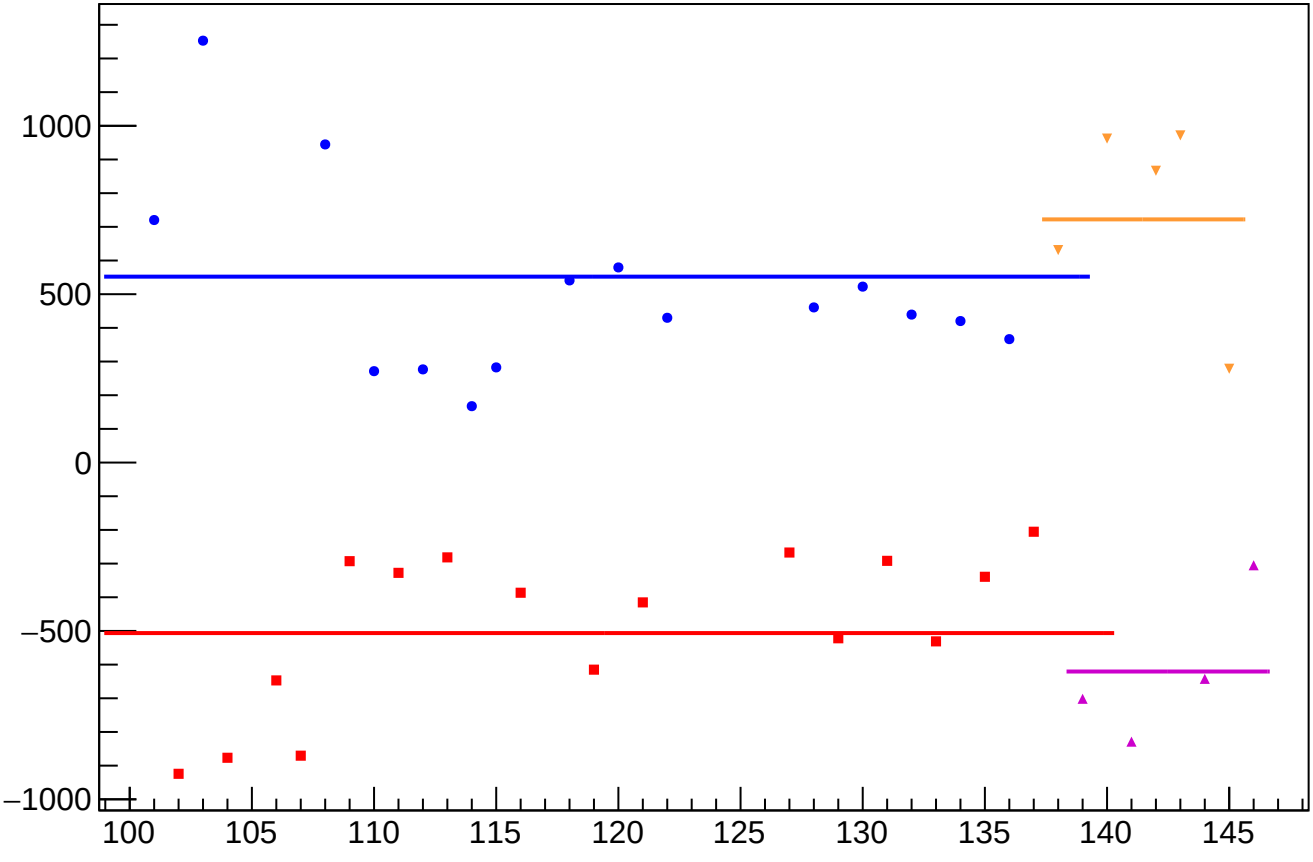
All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_sam3_coil4_mean vs Slug, Sign Corrected



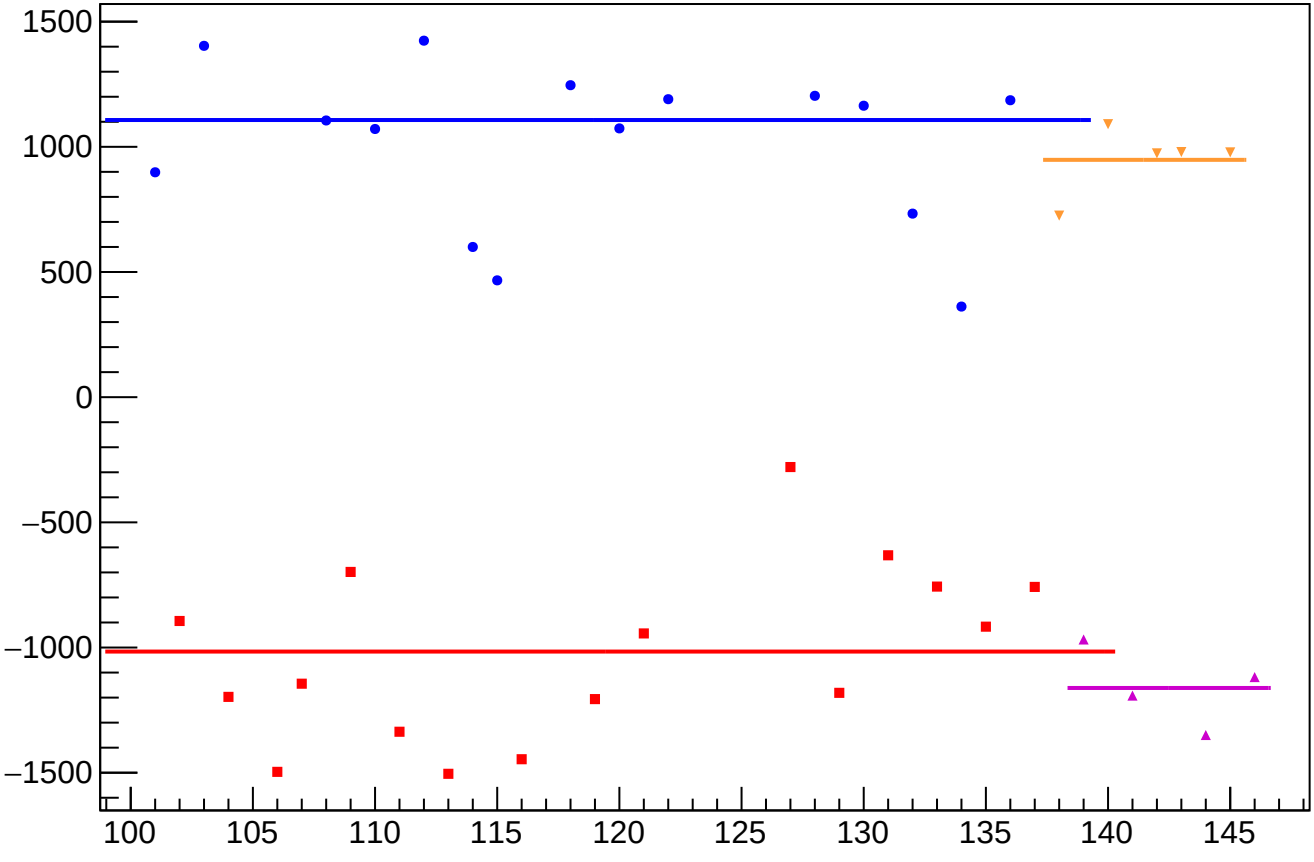
Left: -185.775+/-0.000 χ^2/NDF: 896078875021684
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3300.835+/-0.000 χ^2/NDF:1244390889148482408389728911975094681 60.0/4
In: 736.043+/-0.000 χ^2/NDF:1233042210785237
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: -599.011+/-0.000 χ^2/NDF:950219097674916
Left In: -3837.431+/-0.000 χ^2/NDF:2587335185632139271449550644216384716 8.0/3
All: 57.213+/-0.000 χ^2/NDF: 2272710543910

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 66.340+/-0.000 χ^2/NDF: 3506606039894093
Right In: 552.108+/-0.000 χ^2/NDF: 5073904174115911984852398823600186982 4.0/14
Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982
Left Out: 722.148+/-0.000 χ^2/NDF:2643227574561067376703094020430312243 2.0/4
In: 150.542+/-0.000 χ^2/NDF:3688647826690651 6
Right Out: -506.345+/-0.000 χ^2/NDF: 3718165329731488350165913180601057280 0.0/15
Out: -80.403+/-0.000 χ^2/NDF:4126328442869047
Left In: -620.513+/-0.000 χ^2/NDF:1252118443279736384705544284273010278 4.0/3
All: 33.114+/-0.000 χ^2/NDF: 8082644688990

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

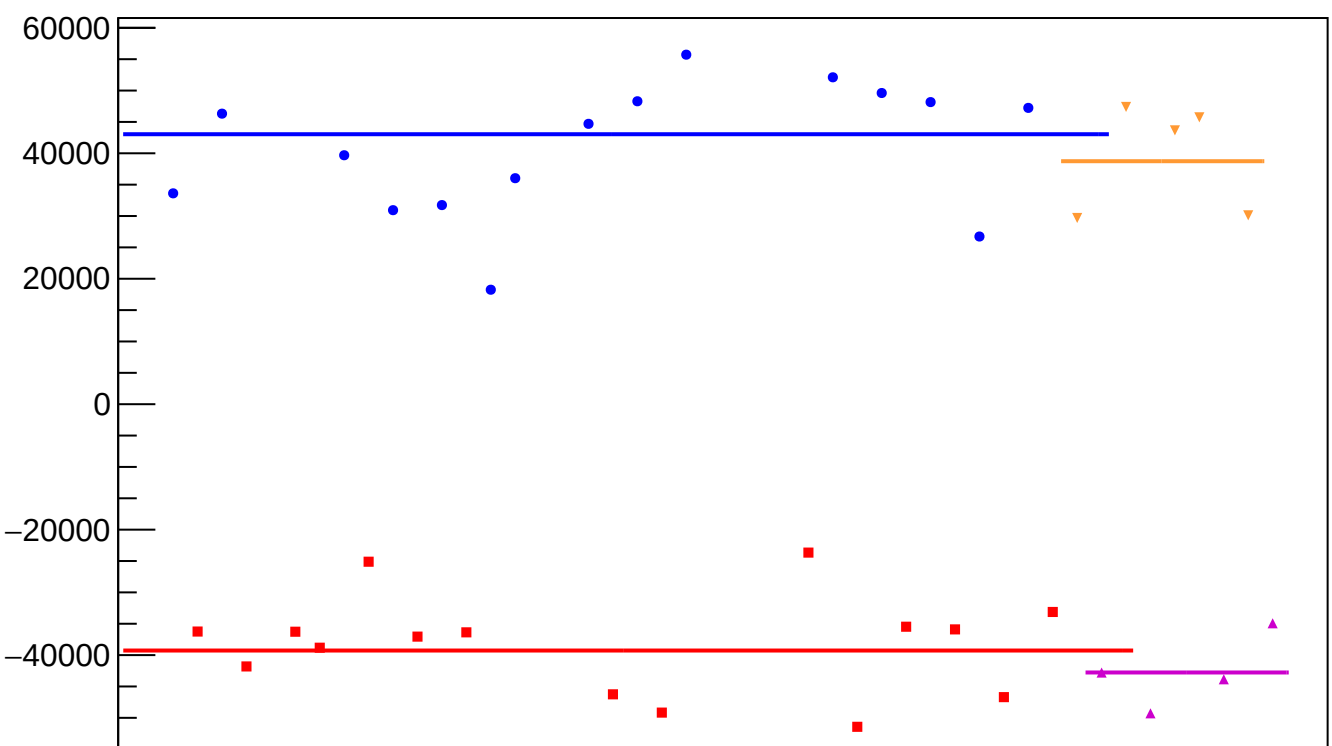
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_sam4_coil4_mean vs Slug, Sign Corrected



Left: -1073.948+/-0.000 χ^2/NDF: 11804742067925

Right In: 43039.927+/-0.000 χ^2/NDF: 483970529225617226526667864075521795031 04.0/14

Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556

Left Out: 38737.652+/-0.000 χ^2/NDF:22948875319550967474942307165918491312128.0/4

In: 13654.115+/-0.000 χ^2/NDF:169372541898138

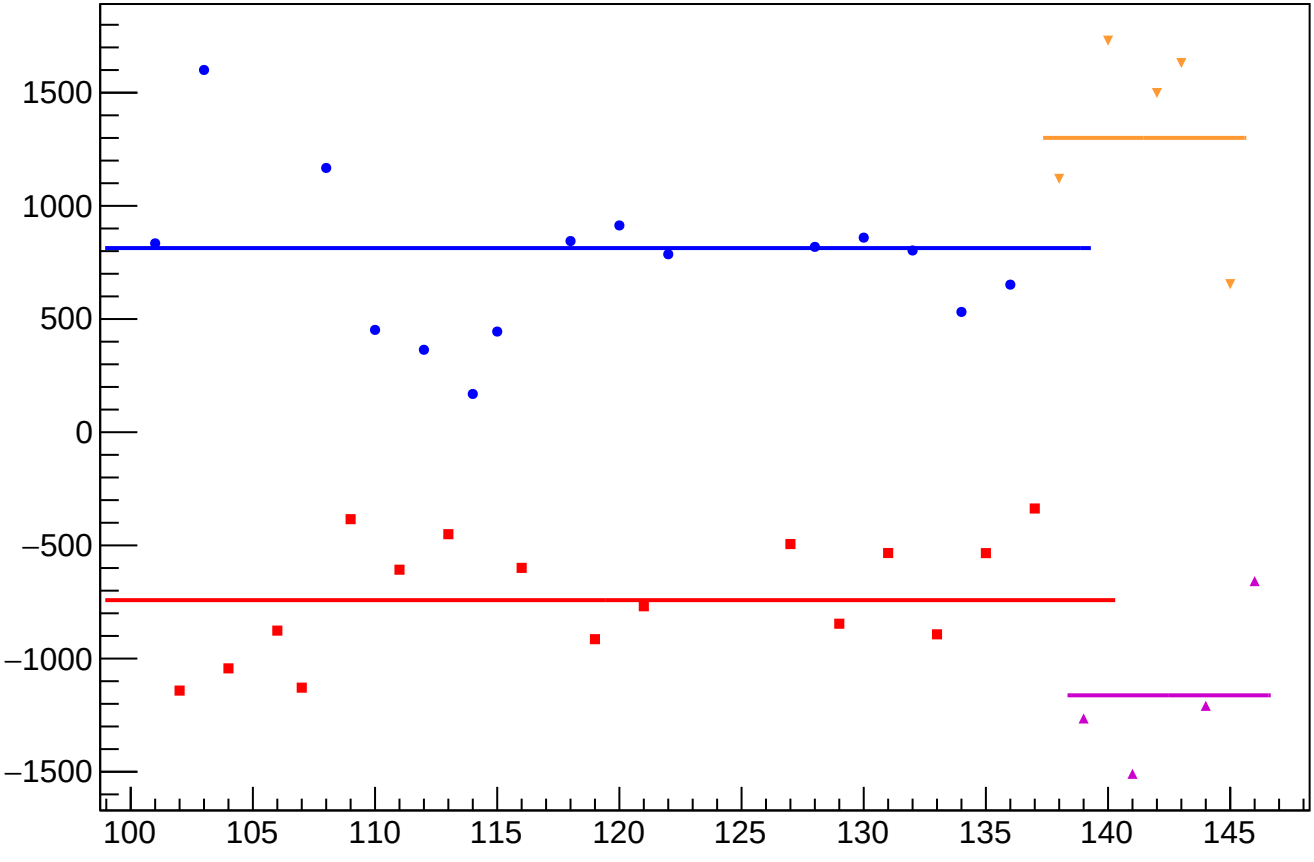
Right Out: -39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

Out: -12223.029+/-0.000 χ^2/NDF:1482079531800

Left In: -42770.121+/-0.000 χ^2/NDF:8811306817101655518927562434092115951616.0/3

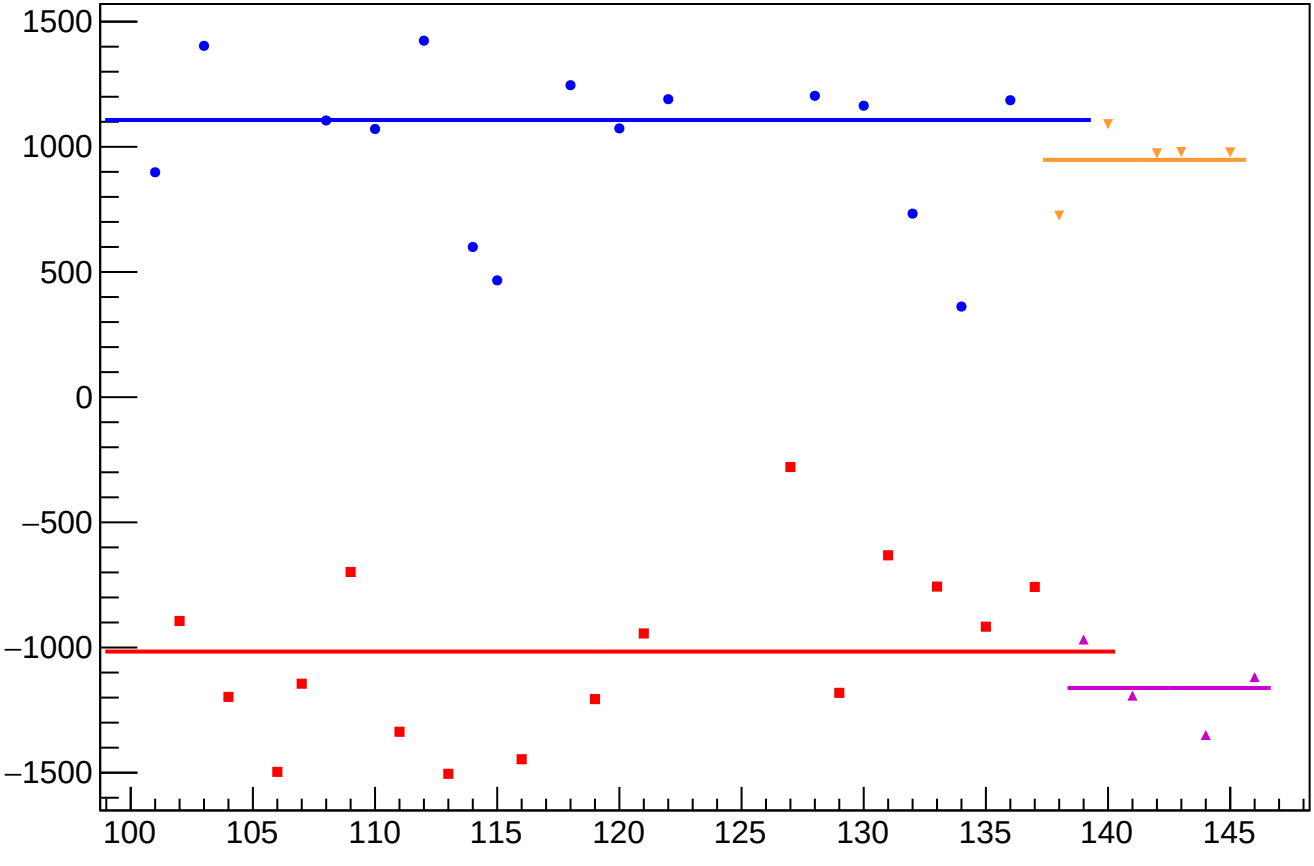
All: 496.464+/-0.000 χ^2/NDF: 35118611159

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 97.501+/-0.000 χ^2/NDF: 1141734730660561
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 1300.408+/-0.000 χ^2/NDF:606352932821455696679567342964414873 60.0/4
In: 136.867+/-0.000 χ^2/NDF:9671707903925048
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164569 6.0/15
Out: -33.800+/-0.000 χ^2/NDF:1069317052967334
Left In: -1162.349+/-0.000 χ^2/NDF:3238487606037572353978440146770041 2416.0/3
All: 50.088+/-0.000 χ^2/NDF: 2051105536754

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

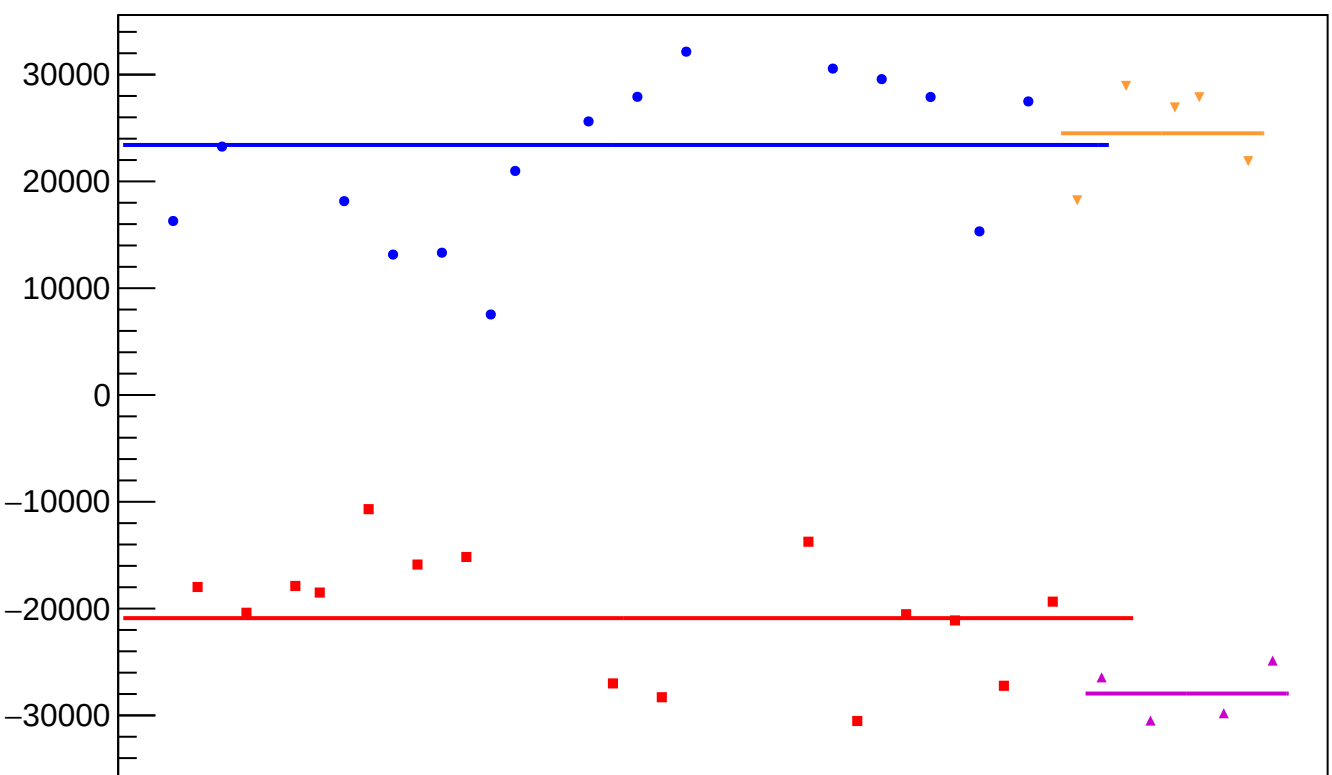
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -1118.559+/-0.000 χ^2/NDF: 48395020277207

Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Right: 955.690+/-0.000 χ^2/NDF: 701538889846229

Left Out: 24505.010+/-0.000 χ^2/NDF:627405188182814743700737682529216941 2608.0/4

In: 5820.924+/-0.000 χ^2/NDF:616667347537203

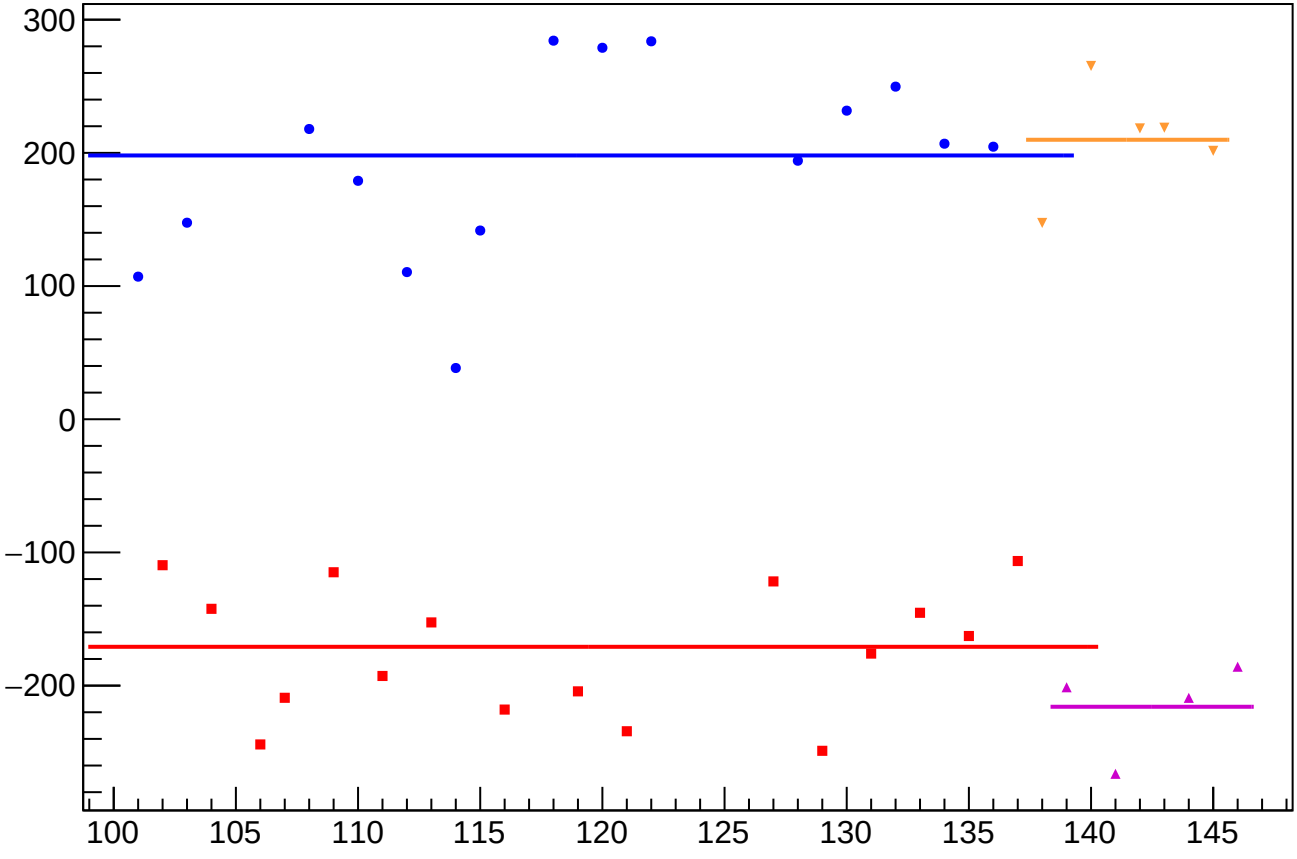
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

Out: -5153.385+/-0.000 χ^2/NDF:51033176887818

Left In: -27955.077+/-0.000 χ^2/NDF:182415761050832977944796610748466855936 0.0/3

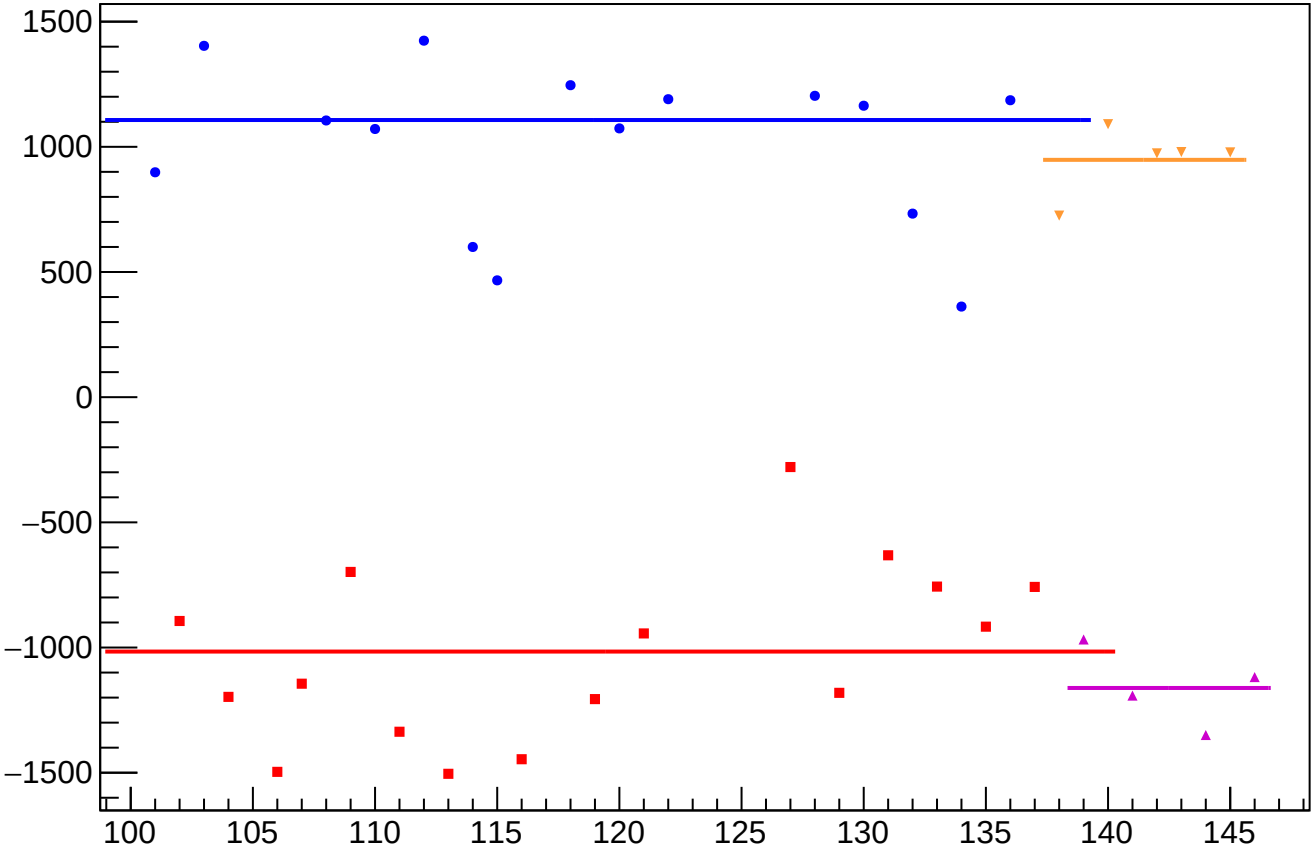
All: 240.859+/-0.000 χ^2/NDF: 11874403742

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 1.909+/-0.000 χ^2/NDF: 32218572167157344
Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14
Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223
Left Out: 209.844+/-0.000 χ^2/NDF:5704755077966973224916673926508052 48.0/4
In: 56.306+/-0.000 χ^2/NDF:40873894241643286
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15
Out: -38.857+/-0.000 χ^2/NDF:3550525114157045
Left In: -215.869+/-0.000 χ^2/NDF:3117742086683393577285292648468316 16.0/3
All: 7.919+/-0.000 χ^2/NDF: 80923997165179

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

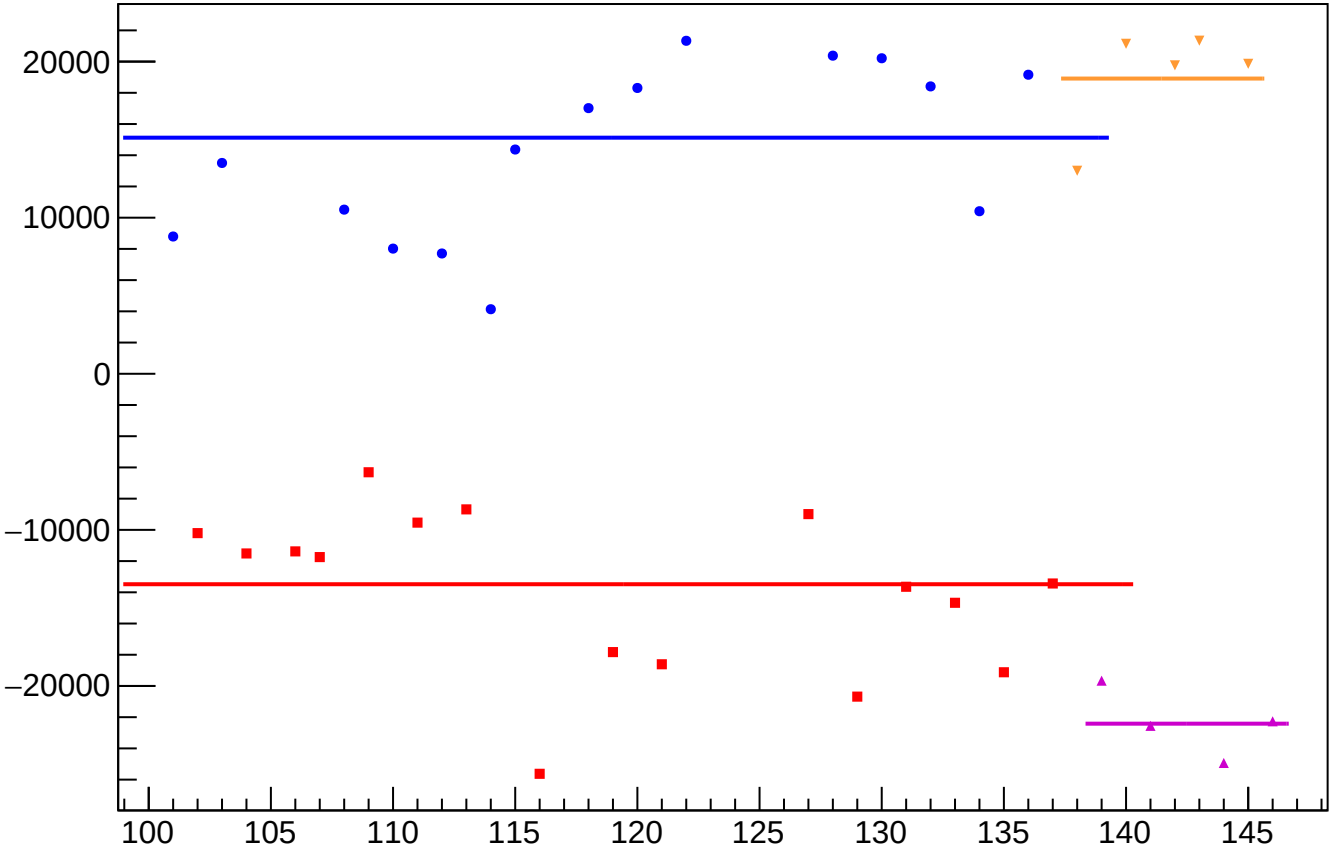
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -1273.501+/-0.000 χ^2/NDF: 30014830300307

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 18913.131+/-0.000 χ^2/NDF:362748833136334083043397722835347151257 6.0/4

In: 2269.660+/-0.000 χ^2/NDF:331031299116087 2

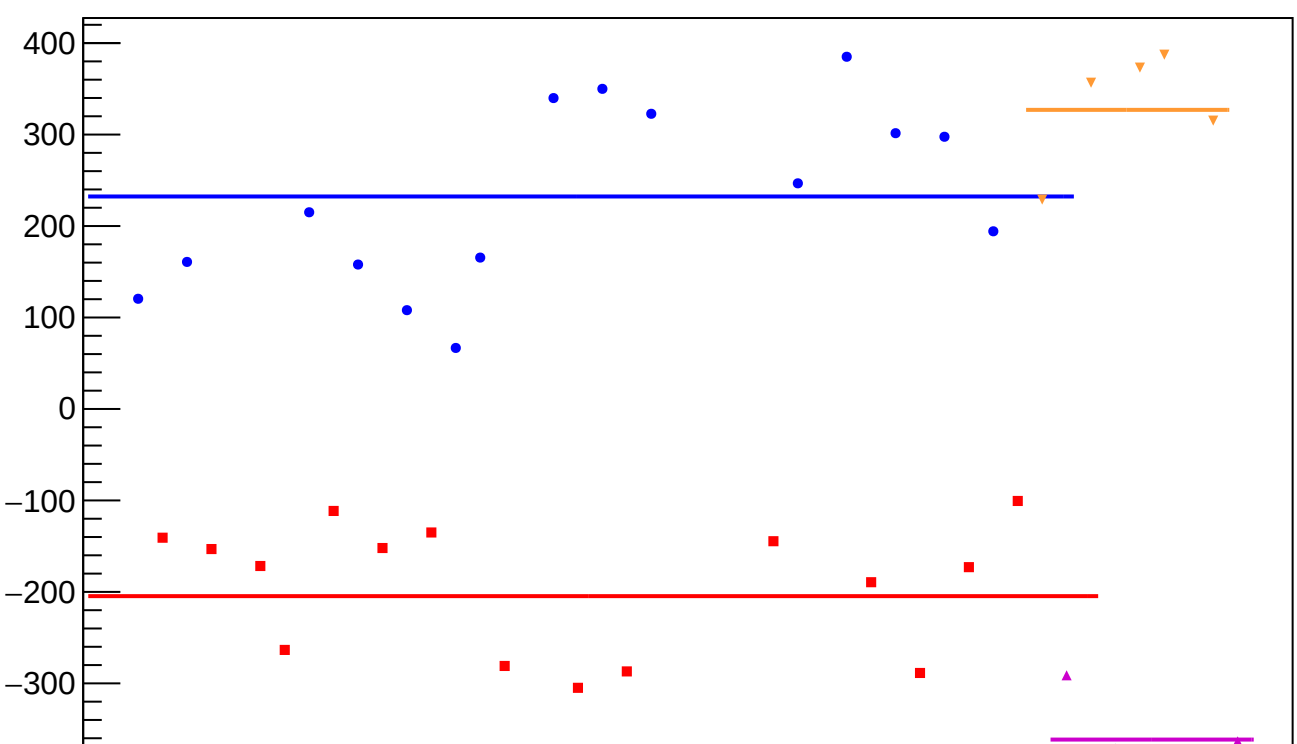
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: -2250.155+/-0.000 χ^2/NDF:2622376997454 6

Left In: -22415.714+/-0.000 χ^2/NDF:118207982203293713019075959176658367 2832.0/3

All: -28.513+/-0.000 χ^2/NDF: 603521282574

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: -9.261+/-0.000 χ^2/NDF: 83785718066070456

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 327.010+/-0.000 χ^2/NDF:1175636884138400895924510569755836416.0/4

In: 28.977+/-0.000 χ^2/NDF:84489613199626066

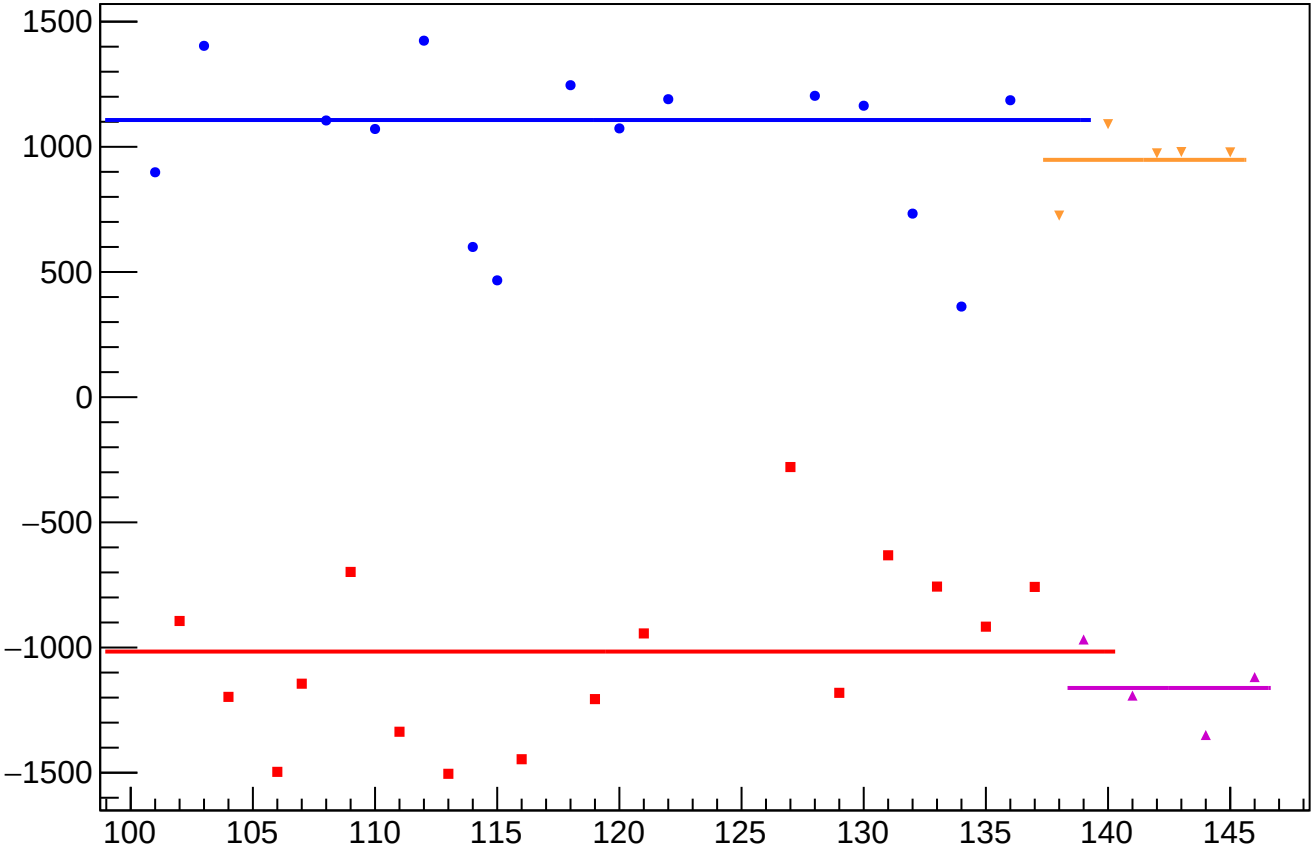
Right Out: -204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

Out: -20.305+/-0.000 χ^2/NDF:7109635143643975

Left In: -361.450+/-0.000 χ^2/NDF:6559333050324038937579299145651322 88.0/3

All: 3.919+/-0.000 χ^2/NDF: 1568048444078

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

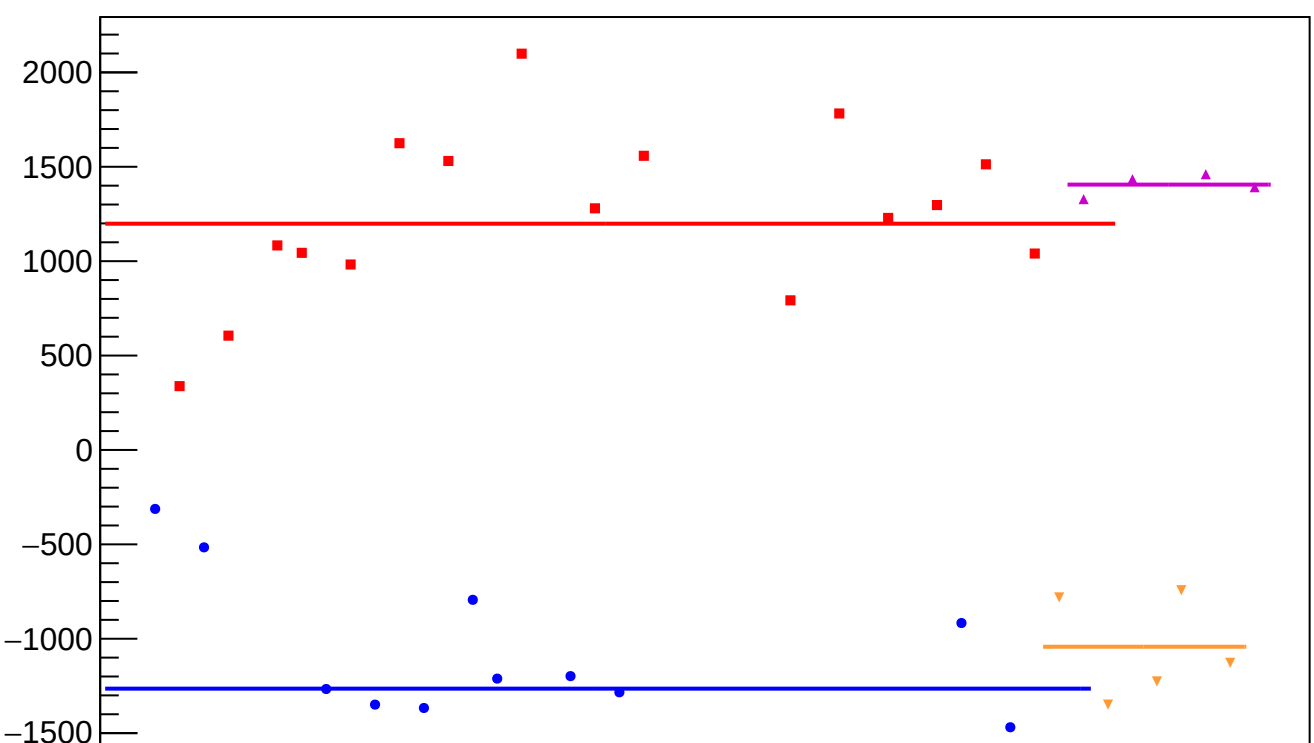
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

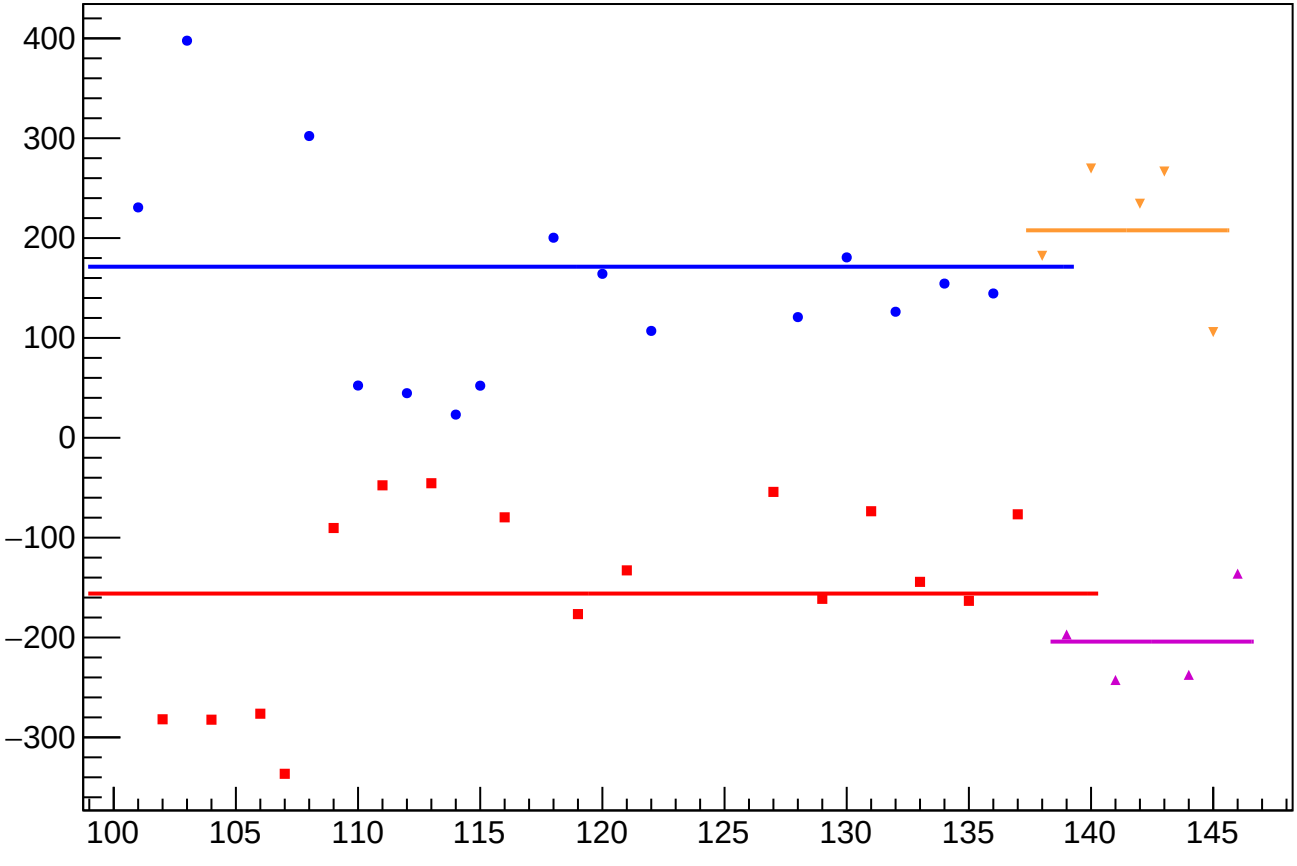
All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_sam7_coil4_mean vs Slug, Sign Corrected



Left: 153.298+/-0.000 χ^2/NDF: 105811254746654
Right In: -1264.303+/-0.000 χ^2/NDF: 14021525153850265754917399454393198182 4.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1042.359+/-0.000 χ^2/NDF:211668250981481588112782636776370995 20.0/4
In: -350.005+/-0.000 χ^2/NDF:1725288243735166
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: 421.541+/-0.000 χ^2/NDF:131358172522321 6
Left In: 1405.554+/-0.000 χ^2/NDF:836270200890965406993422799639412736.0/3
All: 42.300+/-0.000 χ^2/NDF: 3337616704133

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 6.584+/-0.000 χ^2/NDF: 31414595403977552

Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Right: 5.426+/-0.000 χ^2/NDF: 4704270819776107 6

Left Out: 207.755+/-0.000 χ^2/NDF:147124803459471615565027201848128307 2.0/4

In: 42.755+/-0.000 χ^2/NDF:380597308656455951

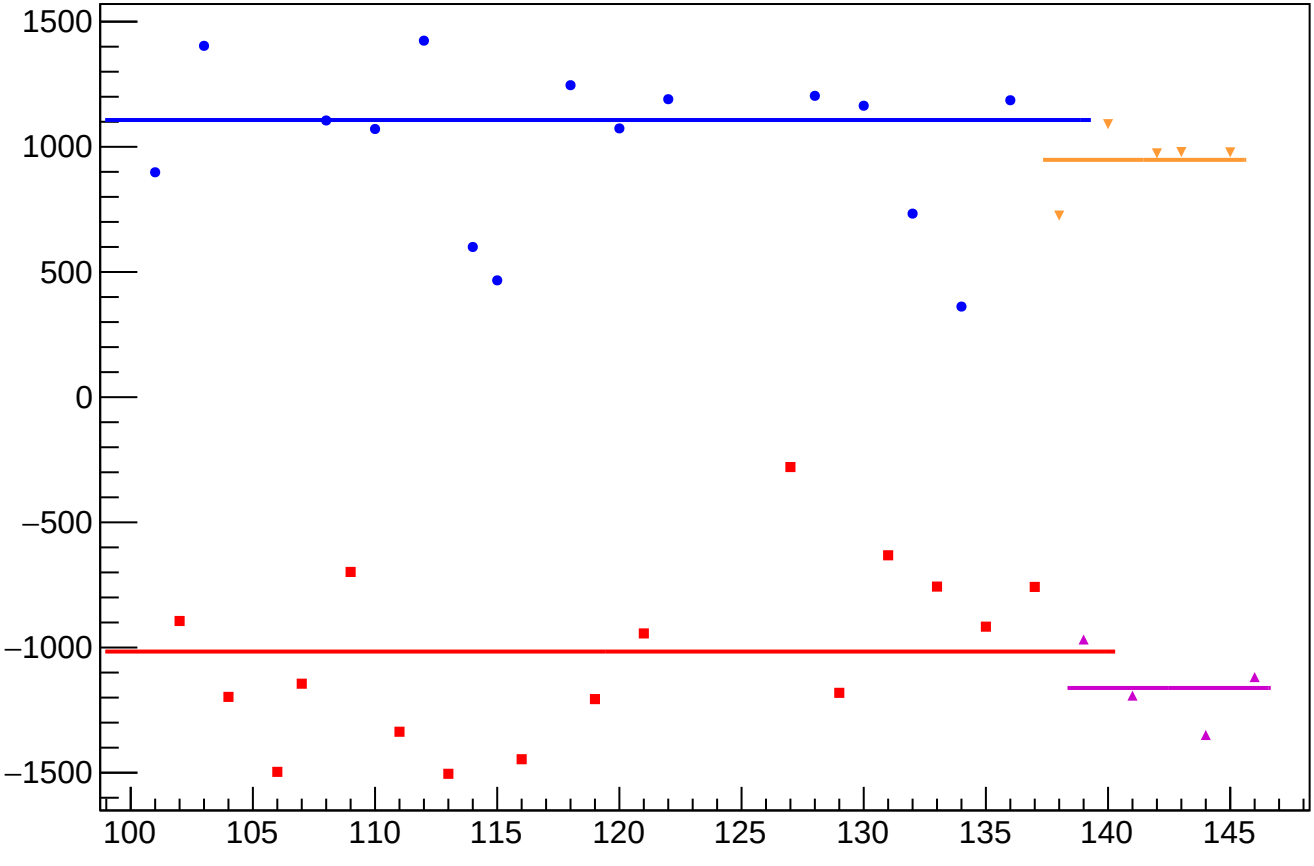
Right Out: -155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478361 6.0/15

Out: -29.875+/-0.000 χ^2/NDF:3775083540578077

Left In: -204.110+/-0.000 χ^2/NDF:612559629162861688075892968579399680.0/3

All: 5.825+/-0.000 χ^2/NDF: 7845791185055 8

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

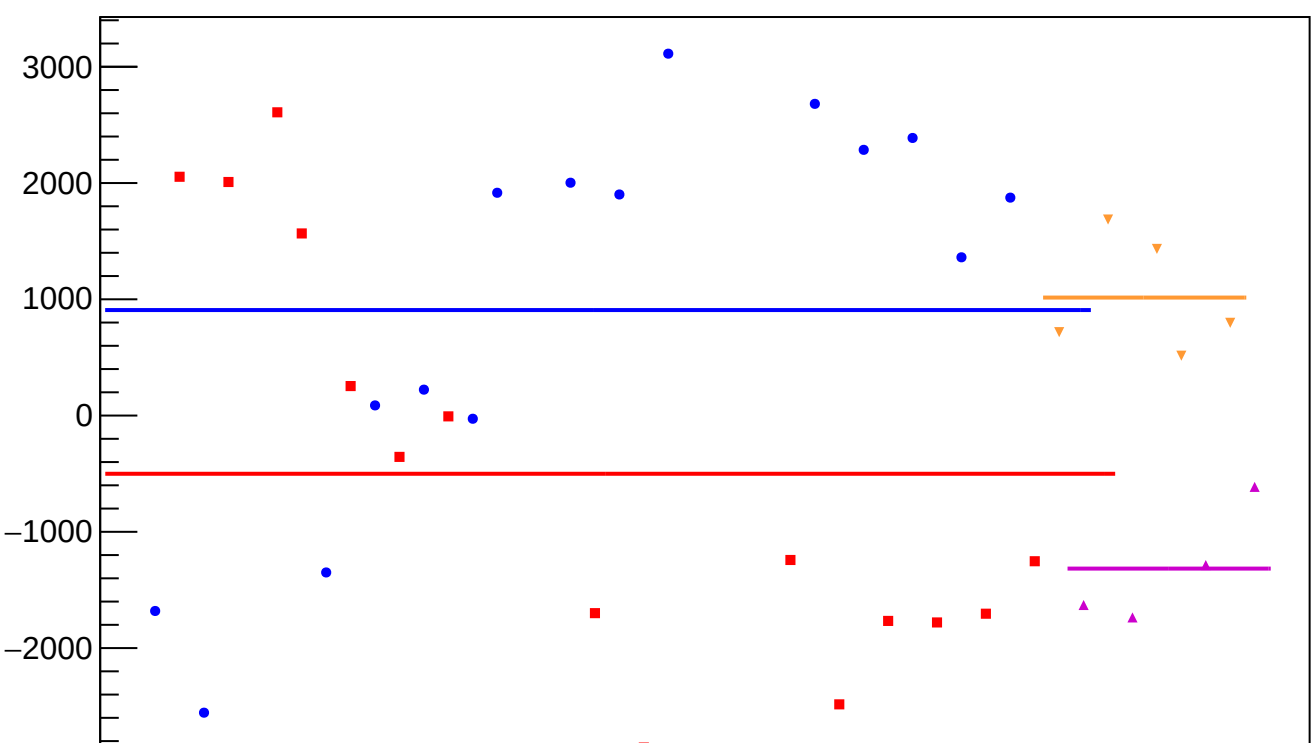
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -123.761+/-0.000 χ^2/NDF: 107614501357157

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1014.885+/-0.000 χ^2/NDF:724583956892229711672407012012730613 76.0/4

In: 145.915+/-0.000 χ^2/NDF:3270312107310073 0

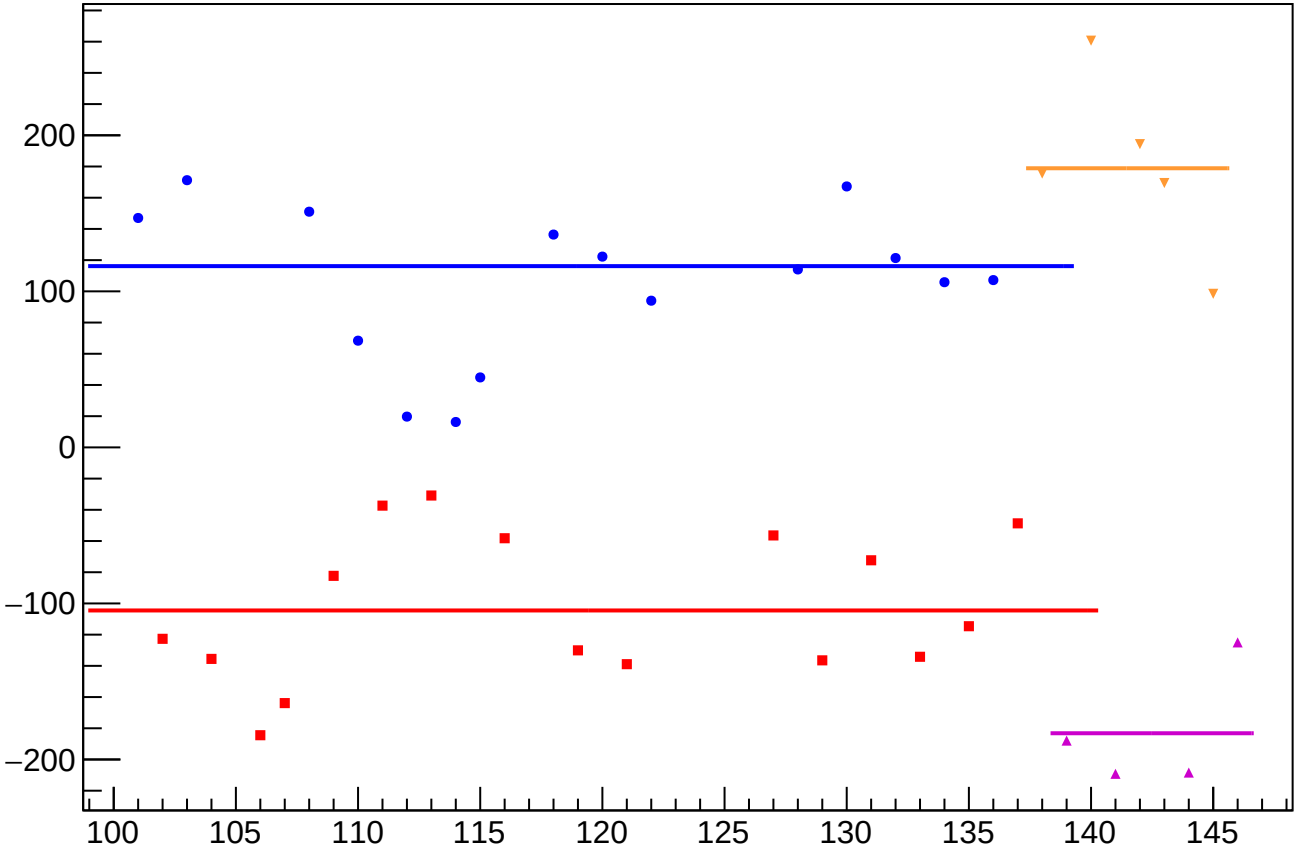
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 24.789+/-0.000 χ^2/NDF:2677890388411444 3

Left In: -1316.308+/-0.000 χ^2/NDF:640280969341795405270566440679474462 72.0/3

All: 84.326+/-0.000 χ^2/NDF: 595556540064 8

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 2.029+/-0.000 χ^2/NDF: 241537045123196946

Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Right: 4.320+/-0.000 χ^2/NDF: 18500756430901072

Left Out: 178.875+/-0.000 χ^2/NDF:1090445330437393402519325954428370944.0/4

In: 13.648+/-0.000 χ^2/NDF:215111088154170627

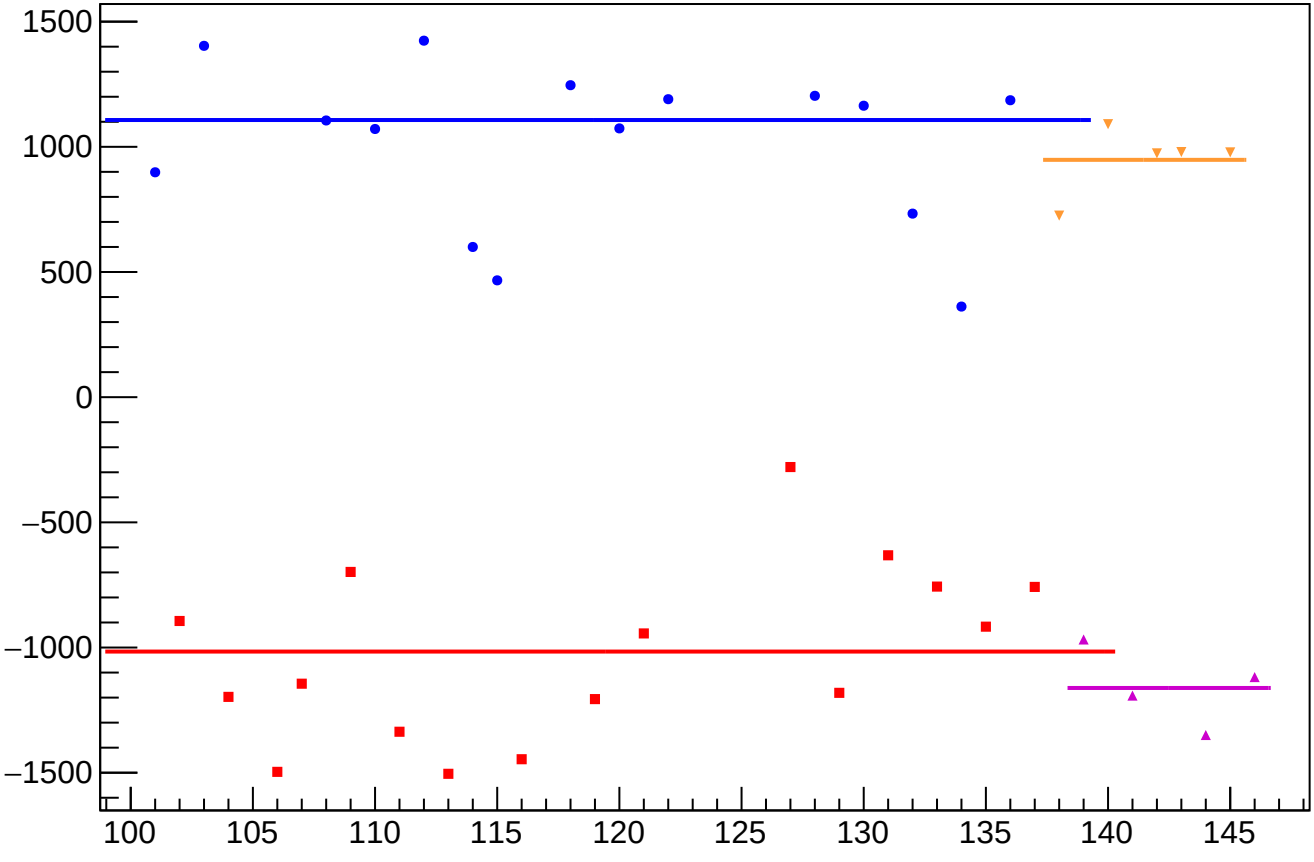
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

Out: -6.249+/-0.000 χ^2/NDF:20947060523670979

Left In: -183.187+/-0.000 χ^2/NDF:39707100931994740954950873945787596 8.0/3

All: 3.531+/-0.000 χ^2/NDF: 4265684085326

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.377+/-0.000 χ^2/NDF: 7815568205301196

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 947.989+/-0.000 χ^2/NDF:5700278043977863544229661637557092352.0/4

In: 330.176+/-0.000 χ^2/NDF:1190845160775936 1

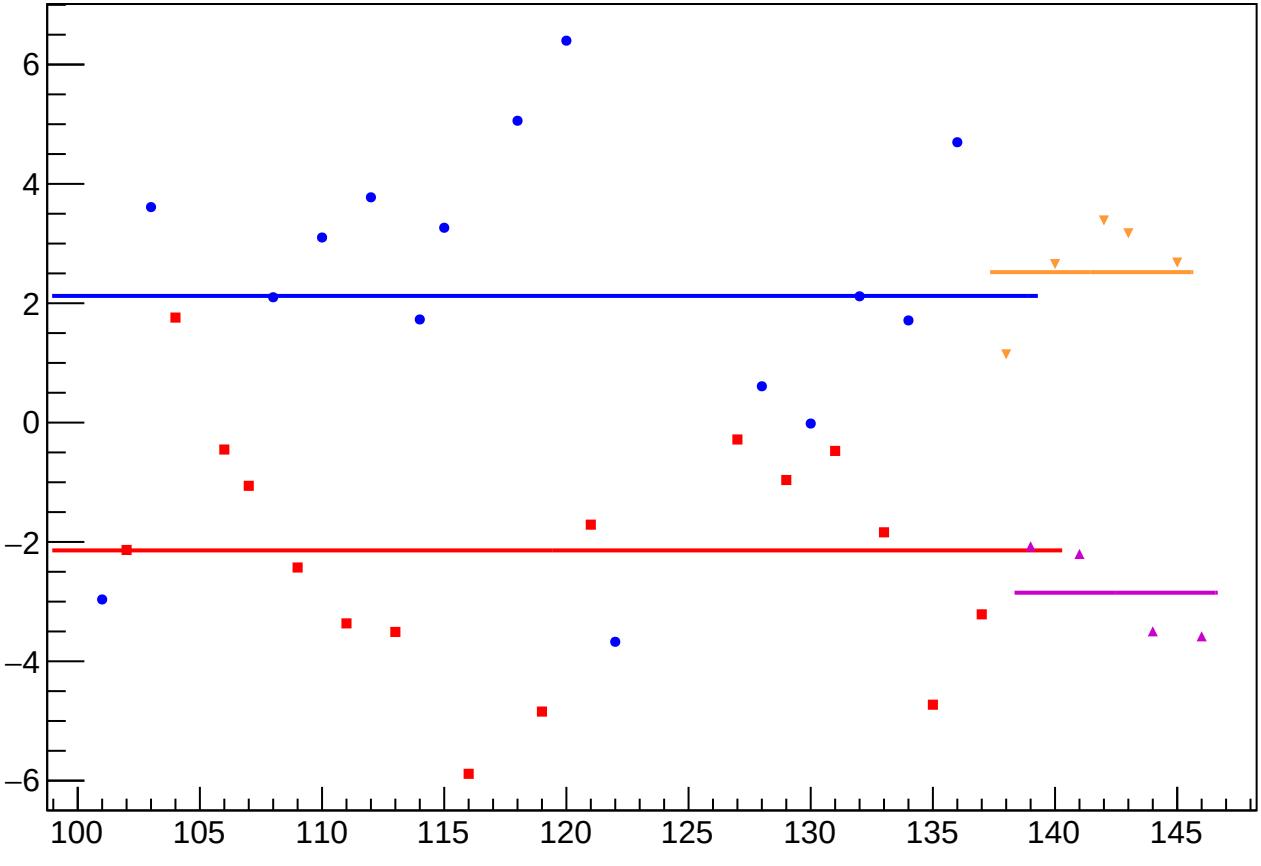
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -335.118+/-0.000 χ^2/NDF:970398466876586

Left In: -1161.518+/-0.000 χ^2/NDF:6415082275187532229804308665552863232.0/3

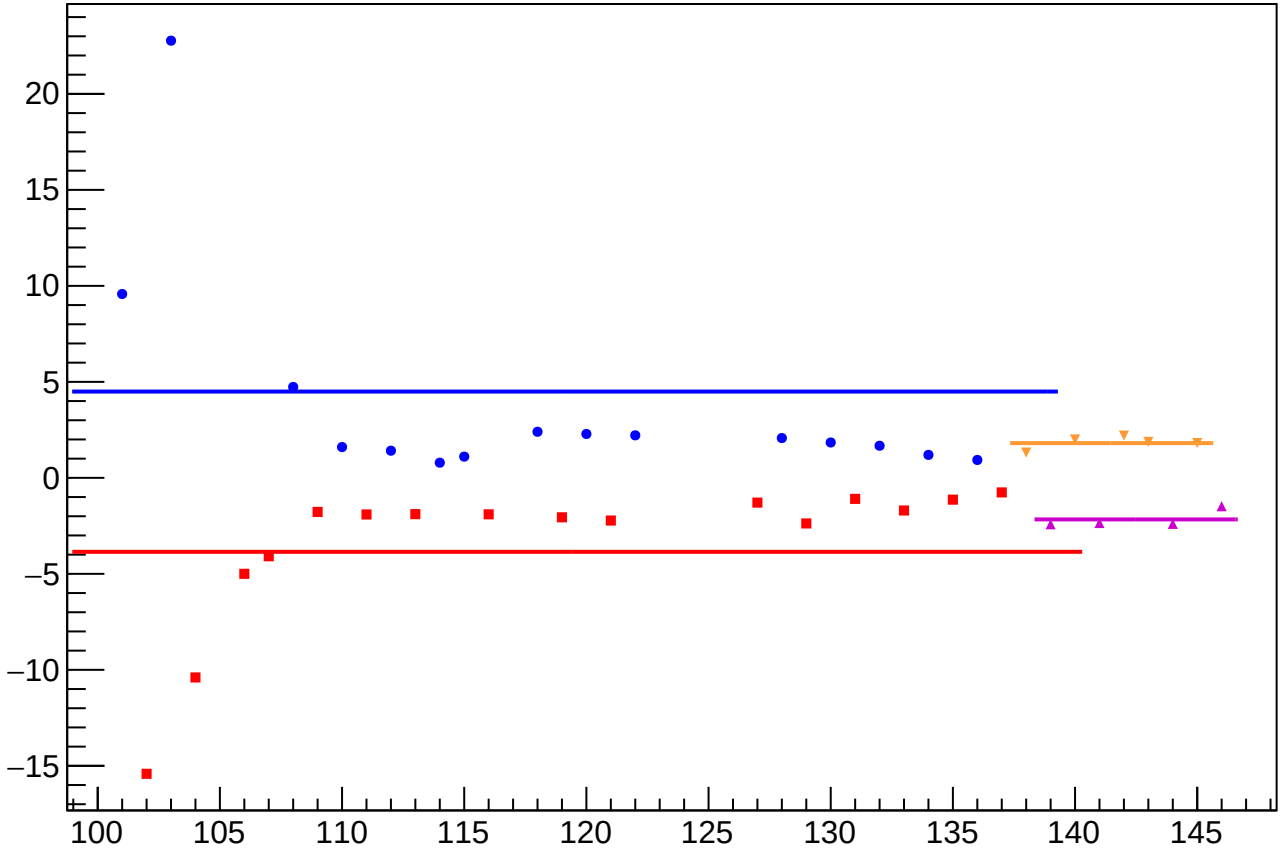
All: -8.103+/-0.000 χ^2/NDF: 2383373092091

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.103+/-0.000 χ^2/NDF: 53704537123235083
Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.521+/-0.000 χ^2/NDF:214522957761775448357305548013568.0/4
In: 0.420+/-0.000 χ^2/NDF:1092755937610640478
Right Out: -2.142+/-0.000 χ^2/NDF: 247294994099367246616169225702 6048.0/15
Out: -0.525+/-0.000 χ^2/NDF:77158617441720395
Left In: -2.851+/-0.000 χ^2/NDF:1665641231064177147168369410048 00.0/3
All: -0.061+/-0.000 χ^2/NDF: 1909132747362

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.810+/-0.000 χ^2/NDF:294277028848401896157206533898 24.0/4

Right Out: -3.852+/-0.000 χ^2/NDF: 123149714765568065505188476386017 28.0/15

Left In: -2.165+/-0.000 χ^2/NDF:520784471442877662323116259409 92.0/3

Left: -0.132+/-0.000 χ^2/NDF: 2813131429908607 9

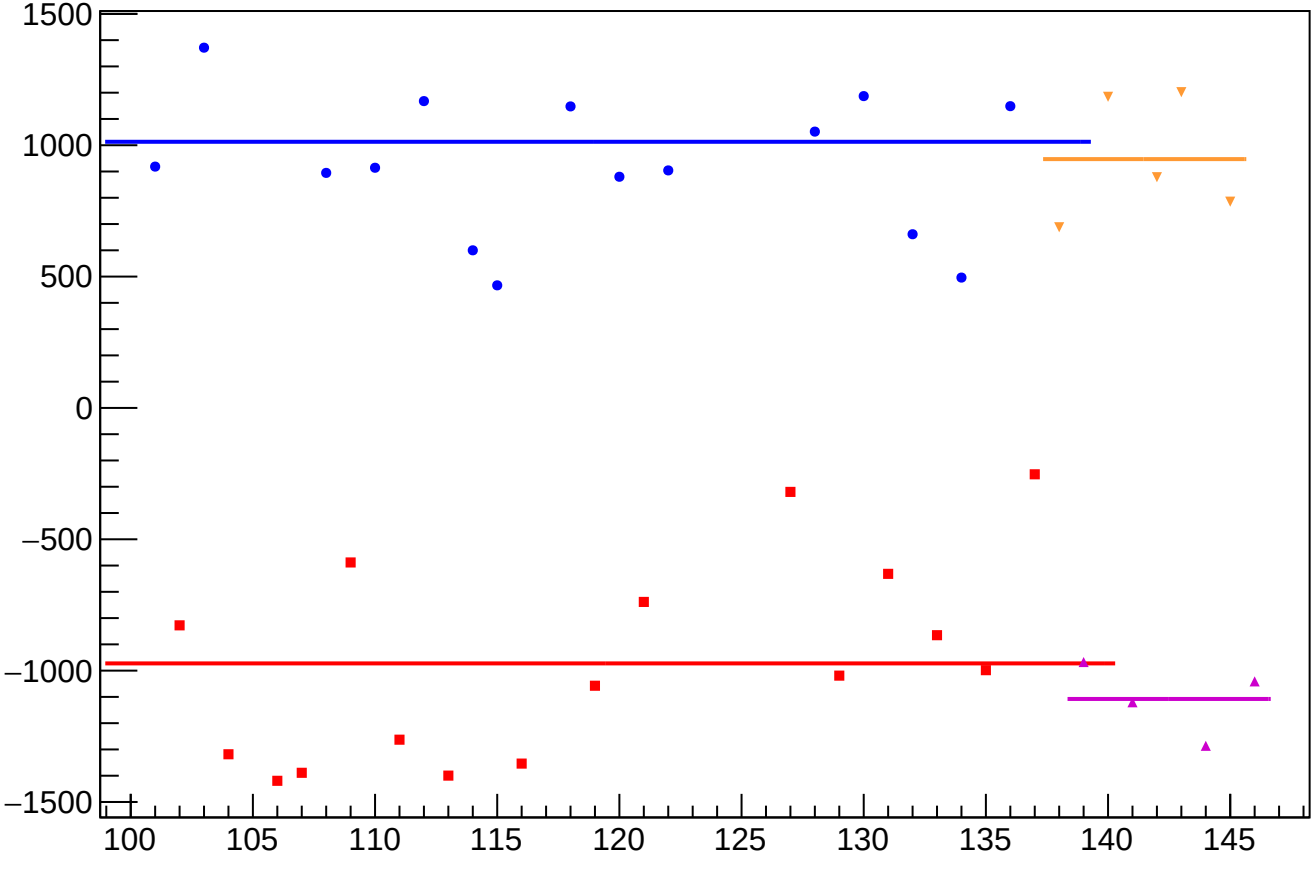
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 2.214+/-0.000 χ^2/NDF:3518126394715310564

Out: -1.889+/-0.000 χ^2/NDF:1975795366530956 4

All: 0.128+/-0.000 χ^2/NDF: 6339013227506 5

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

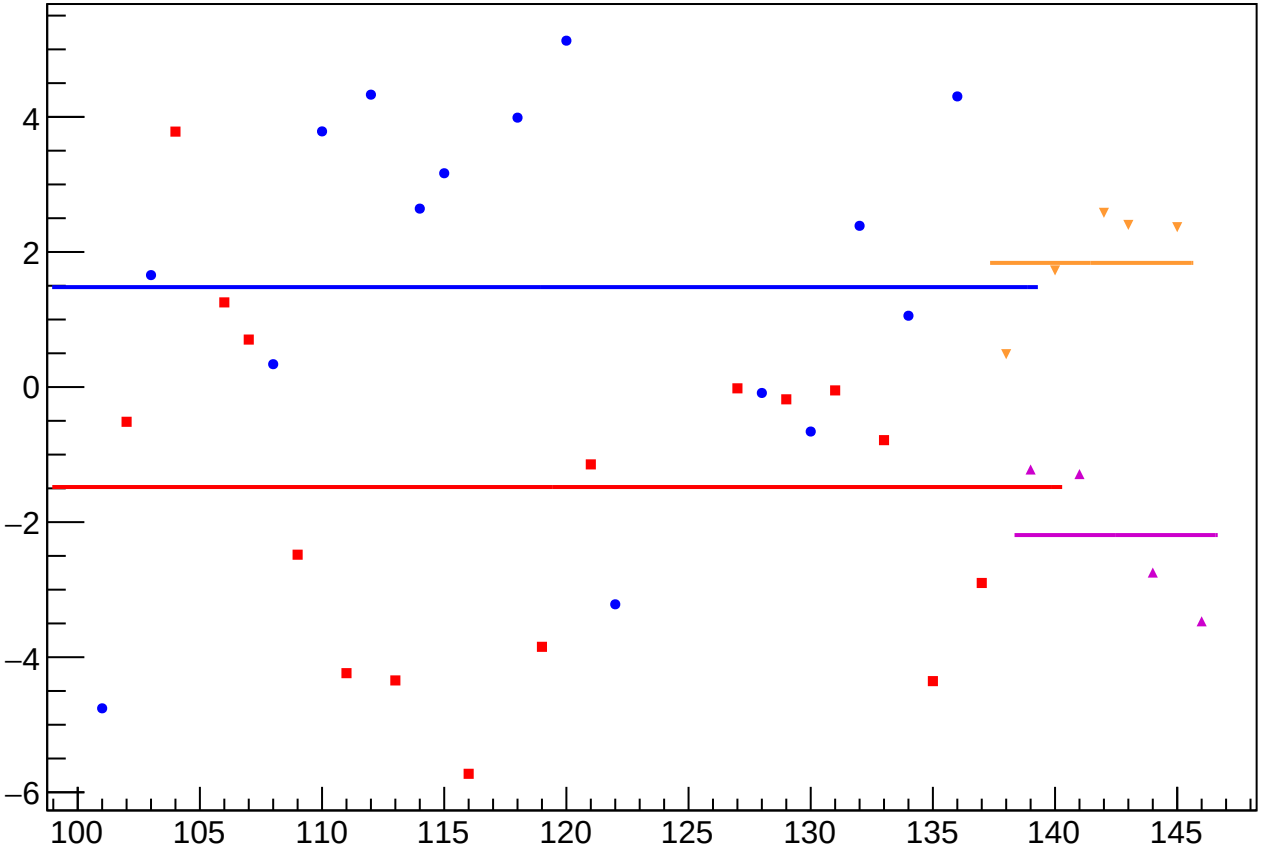
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.130+/-0.000 χ^2/NDF: 33291948828085449

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 1.839+/-0.000 χ^2/NDF:212657372986078347091138505080832.0/4

In: 0.223+/-0.000 χ^2/NDF:910386404488252804 3

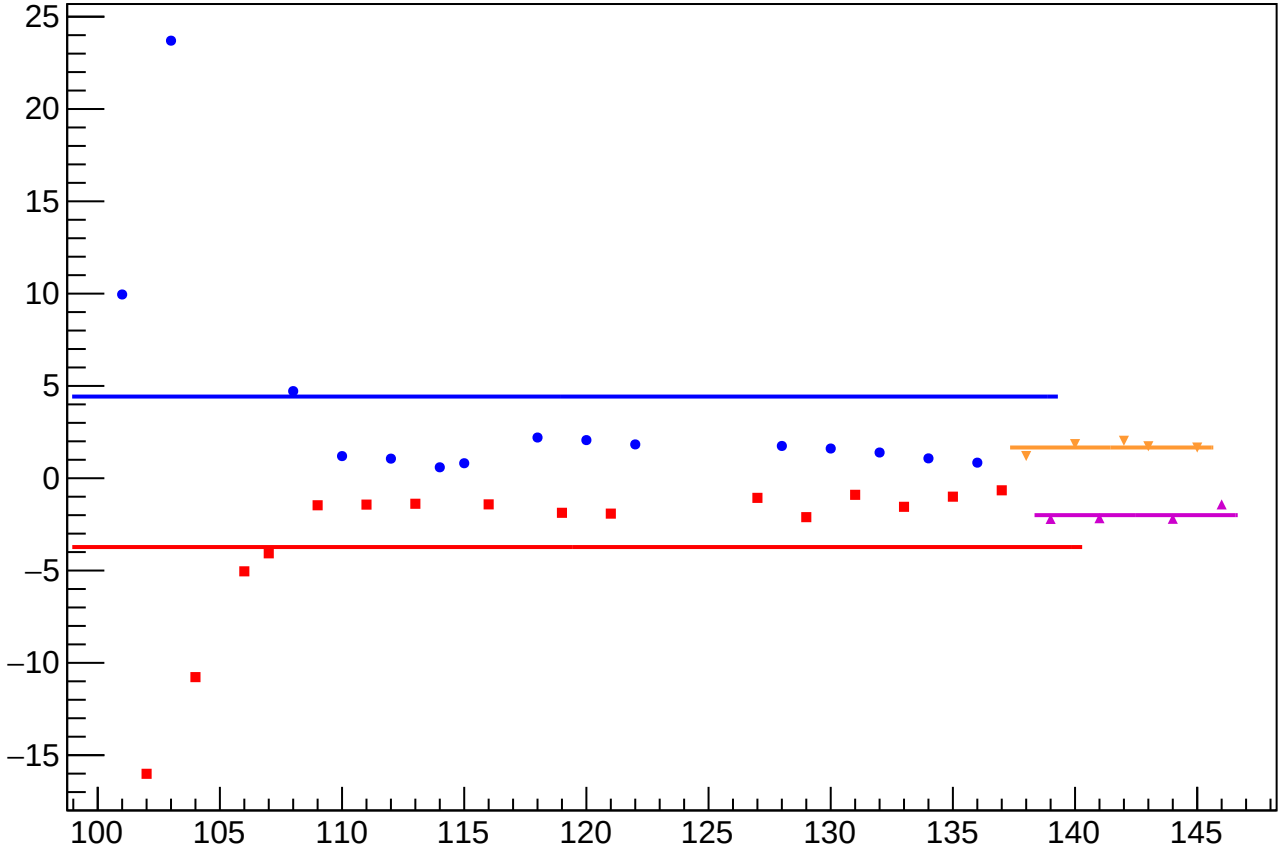
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: -0.330+/-0.000 χ^2/NDF:68524142501044203

Left In: -2.191+/-0.000 χ^2/NDF:308441485929261855889360831905792.0/3

All: -0.058+/-0.000 χ^2/NDF: 1610932781988

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.125+/-0.000 χ^2/NDF: 23844075979571587

Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Right: 0.293+/-0.000 χ^2/NDF: 6410647183039185 3

Left Out: 1.665+/-0.000 χ^2/NDF:2581031529659227962645749432320 0.0/4

In: 2.225+/-0.000 χ^2/NDF:3746487659694612868

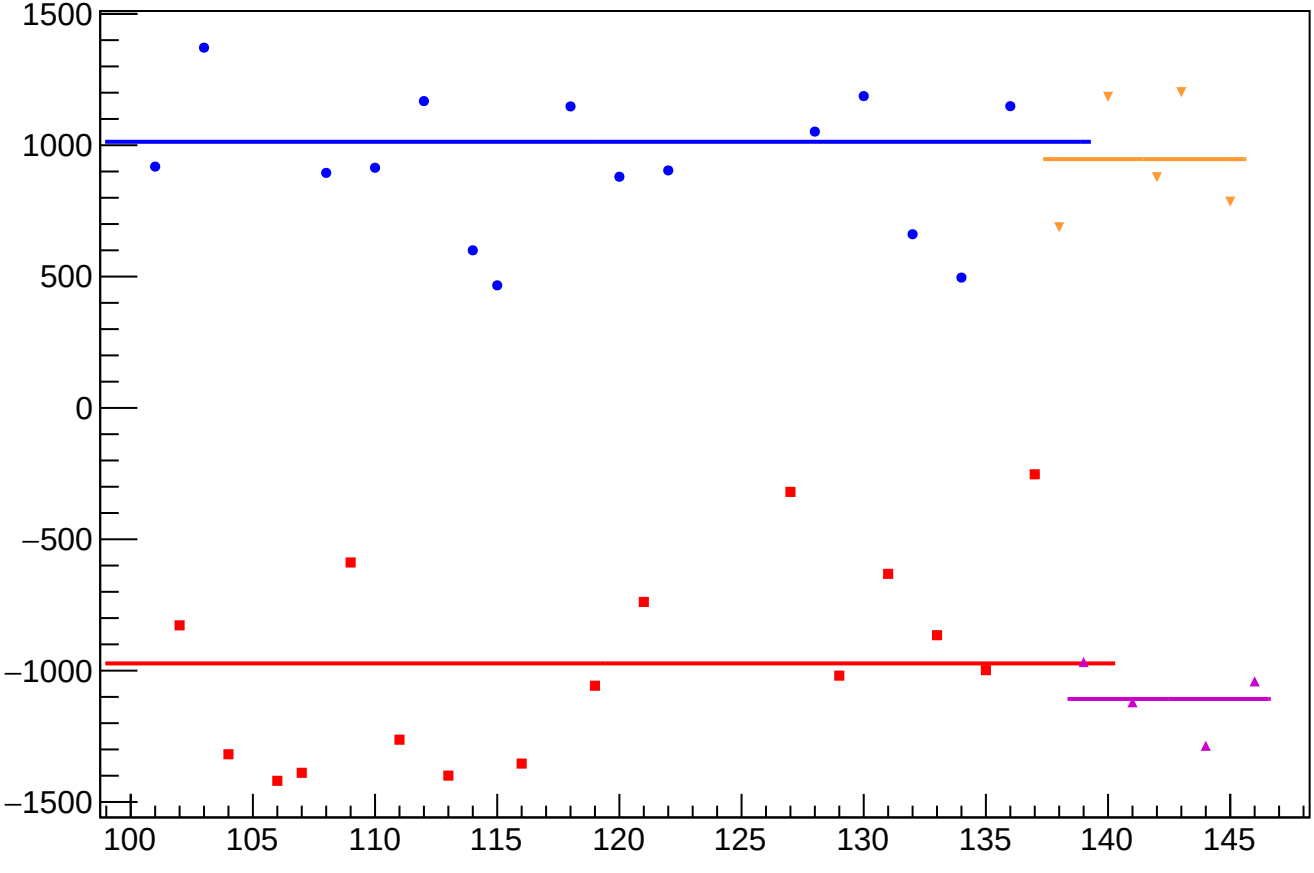
Right Out: -3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

Out: -1.858+/-0.000 χ^2/NDF:2074167103113332 3

Left In: -1.999+/-0.000 χ^2/NDF:3728657411471945777463235811737 6.0/3

All: 0.149+/-0.000 χ^2/NDF: 6656993622199 9

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

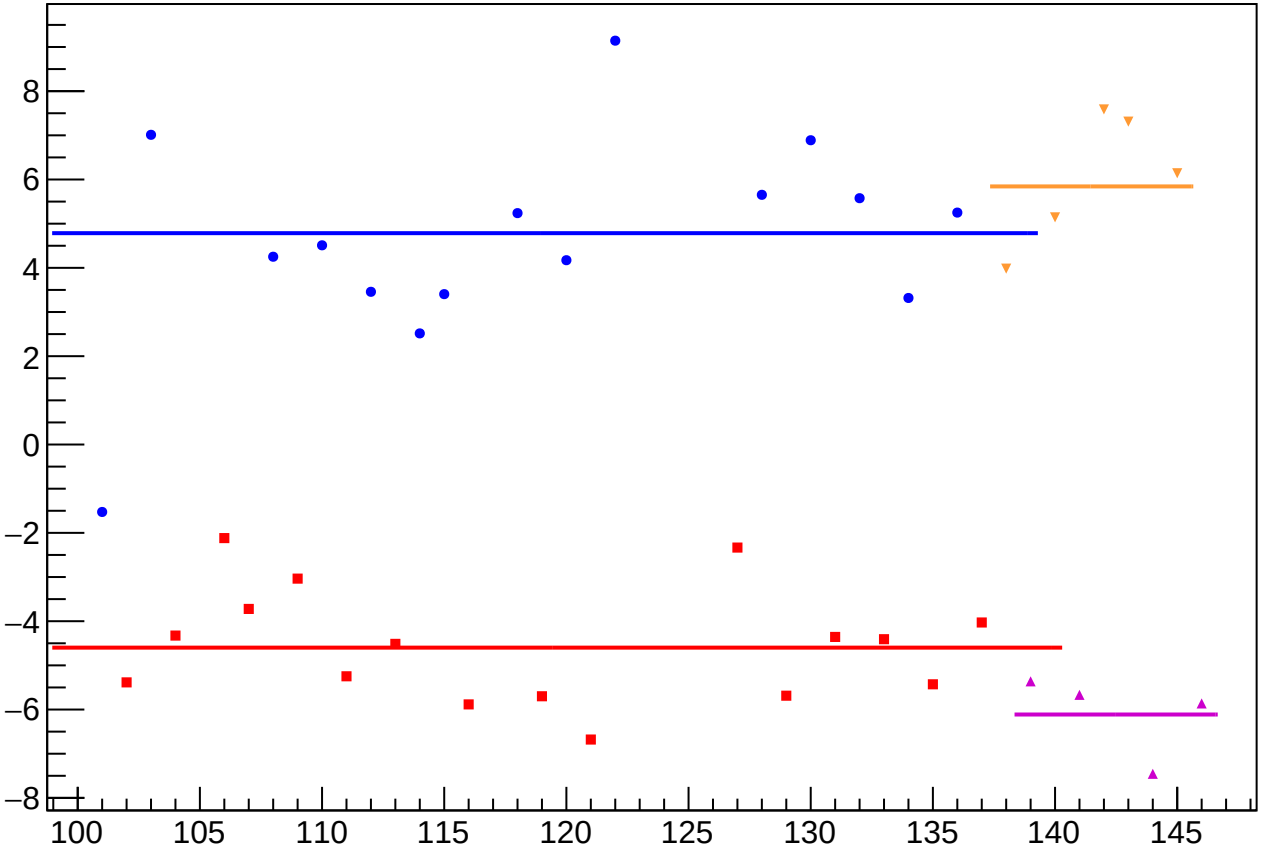
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 255453612280498077

Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14

Right: 0.029+/-0.000 χ^2/NDF: 3394856568426742

Left Out: 5.843+/-0.000 χ^2/NDF:601635066586915948497733865701376,0/4

In: 1.053+/-0.000 χ^2/NDF:306182883653247424 3

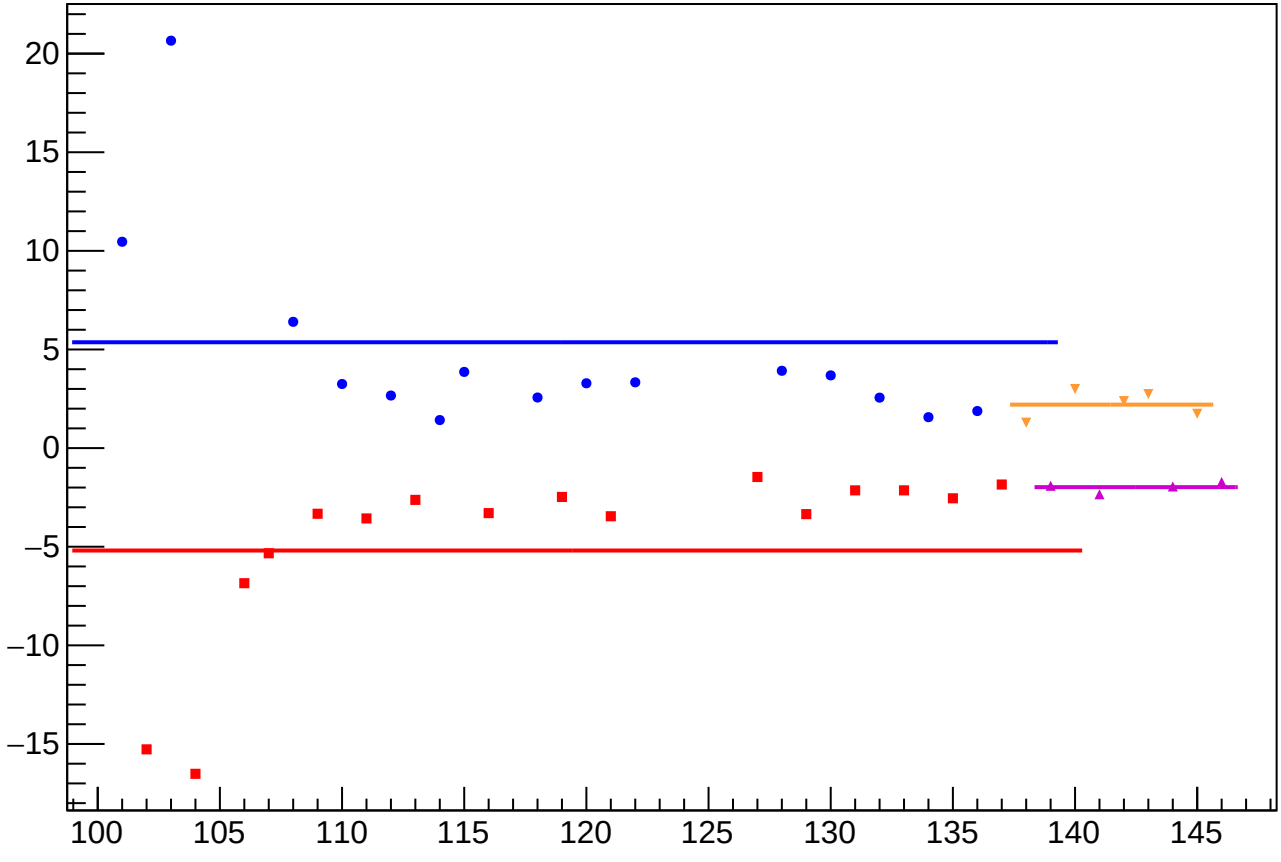
Right Out: -4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832,0/15

Out: -0.978+/-0.000 χ^2/NDF:2680541011433787 6

Left In: -6.112+/-0.000 χ^2/NDF:228101685531198080619626069229568,0/3

All: 0.020+/-0.000 χ^2/NDF: 5949422326337 0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.161+/-0.000 χ^2/NDF: 319748909705254952

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: 2.204+/-0.000 χ^2/NDF:1547202706488459663468116783923 20.0/4

In: 2.851+/-0.000 χ^2/NDF:3078926628880821841

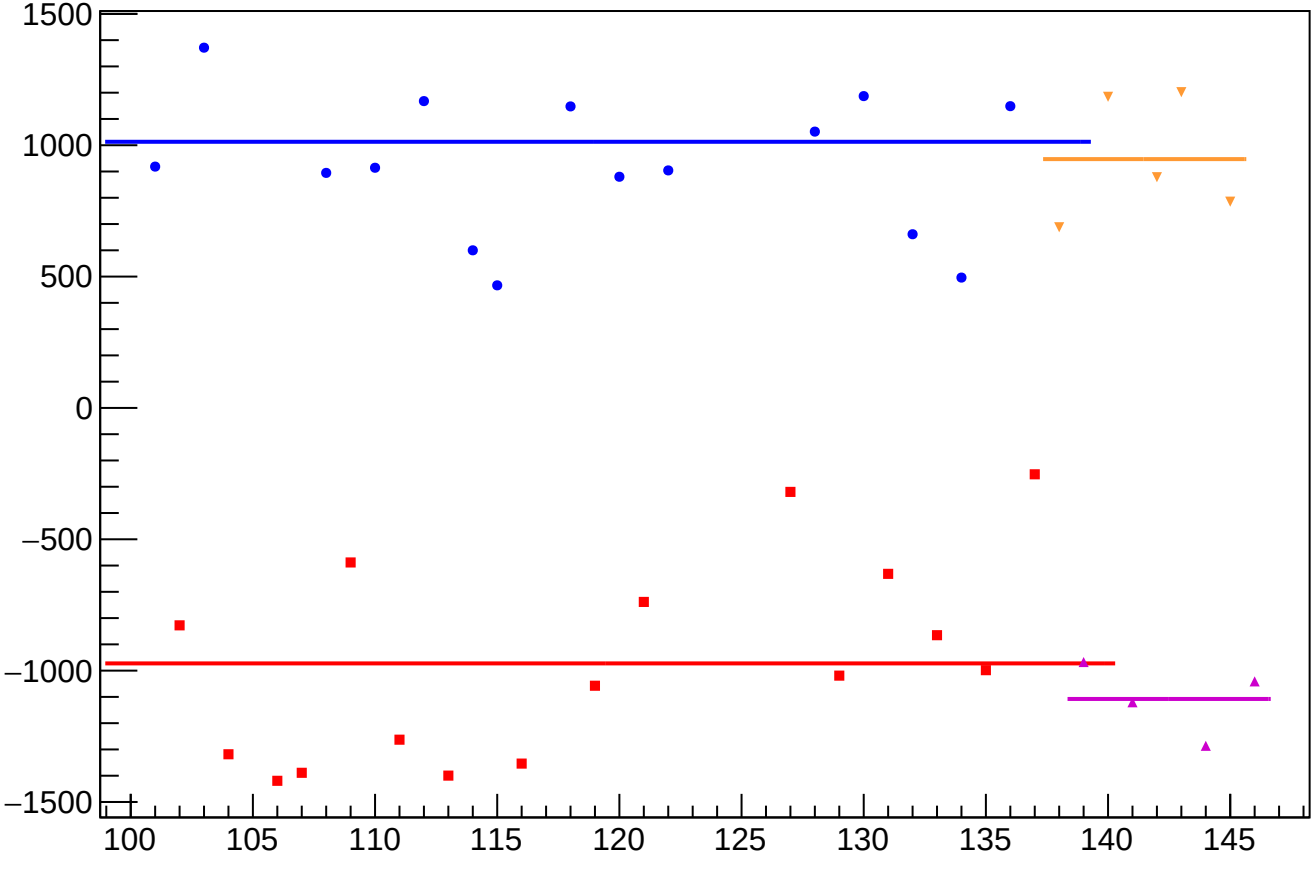
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -2.628+/-0.000 χ^2/NDF:28554544222476255

Left In: -1.979+/-0.000 χ^2/NDF:1720748253766213980746546151424 0.0/3

All: 0.065+/-0.000 χ^2/NDF: 7440655789896 8

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

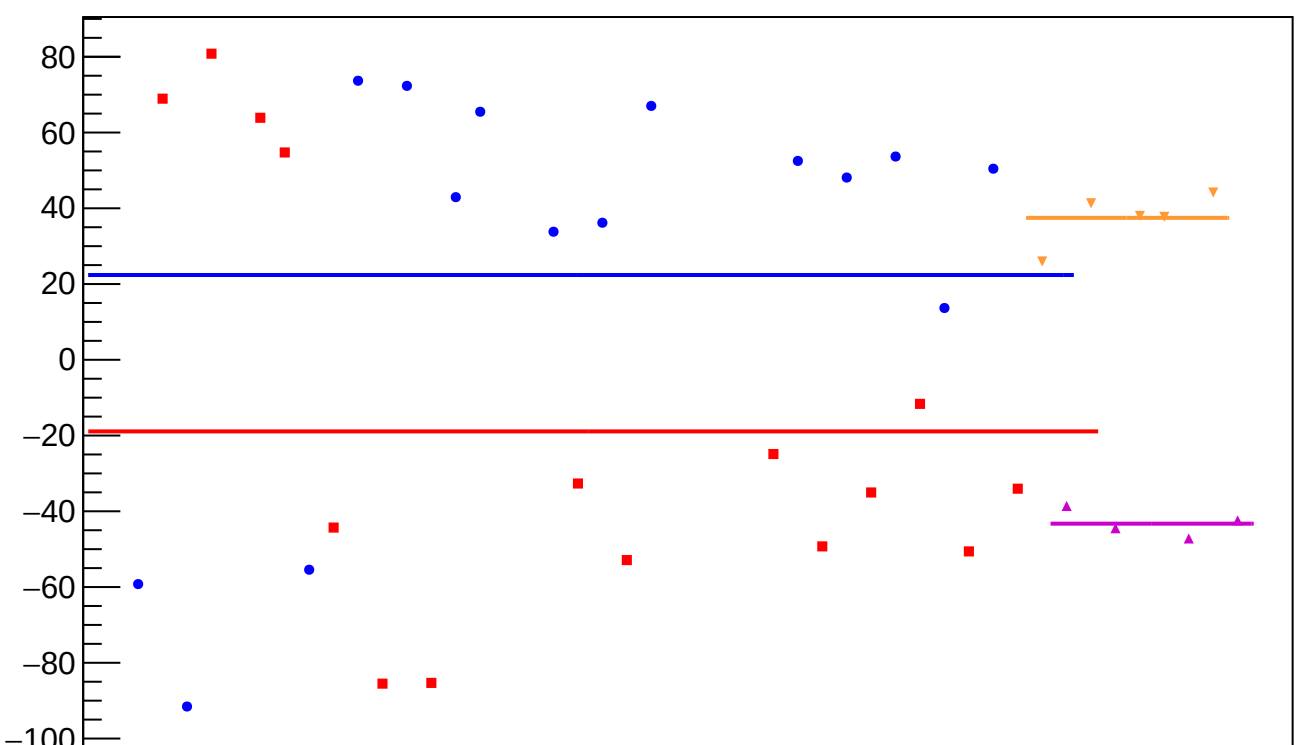
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -1.960+/-0.000 χ^2/NDF: 11457563735295526

Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14

Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267

Left Out: 37.477+/-0.000 χ^2/NDF:1520776204656706691698219002573 6192.0/4

In: -0.097+/-0.000 χ^2/NDF:2883439734201611 63

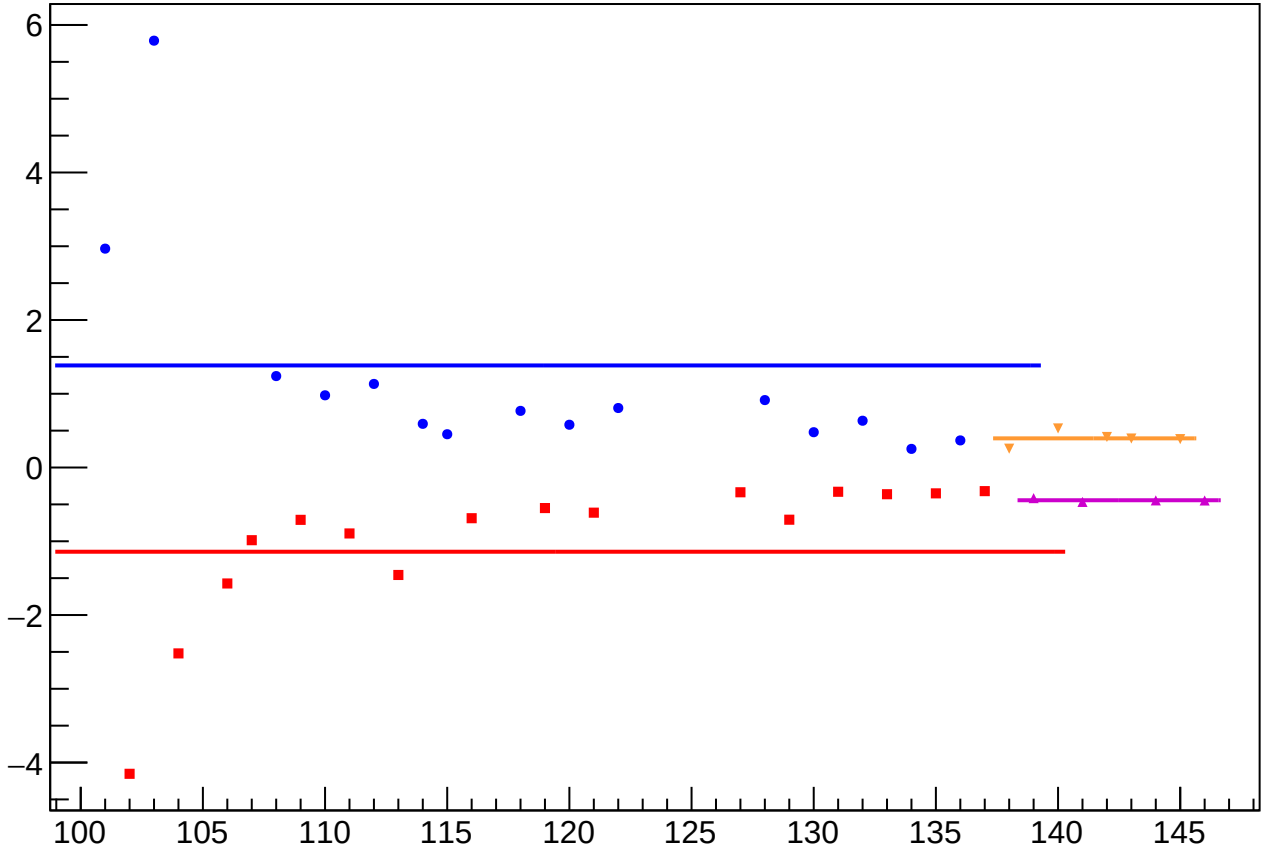
Right Out: -18.907+/-0.000 χ^2/NDF: 2182221808408156293593993992757837824.0/15

Out: 0.642+/-0.000 χ^2/NDF:2932660165560038 74

Left In: -43.265+/-0.000 χ^2/NDF:3318056581113162598960325720014848.0/3

All: 0.279+/-0.000 χ^2/NDF: 5816374386409 8

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: -0.015+/-0.000 χ^2/NDF: 12489003455709255

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 44802957007729023

Left Out: 0.395+/-0.000 χ^2/NDF:30369498425644006622423878205 44.0/4

In: 0.758+/-0.000 χ^2/NDF:231373536058158282 8

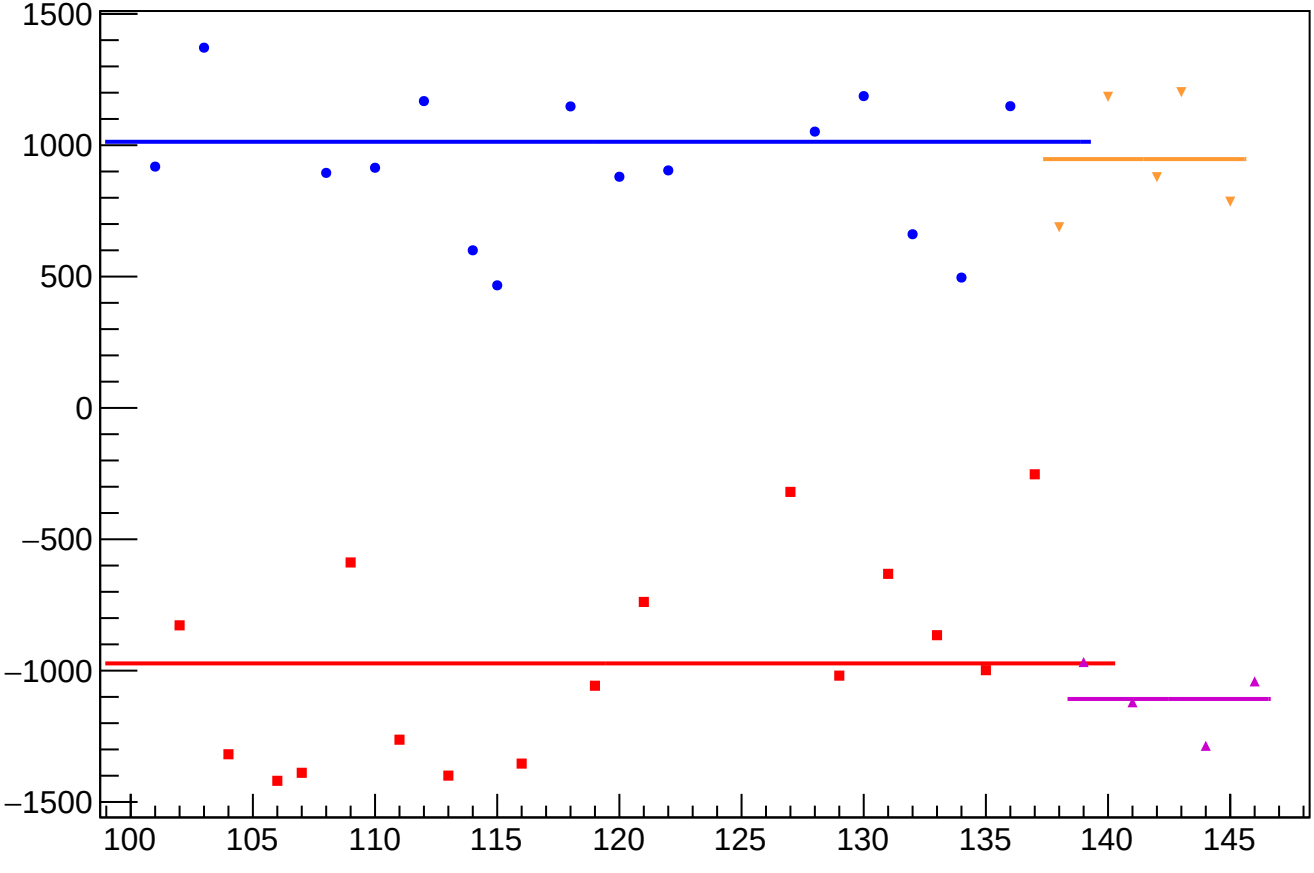
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.609+/-0.000 χ^2/NDF:13601249678270441

Left In: -0.444+/-0.000 χ^2/NDF:111200396929404492644649795584.0/3

All: 0.063+/-0.000 χ^2/NDF: 4611537134022 0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

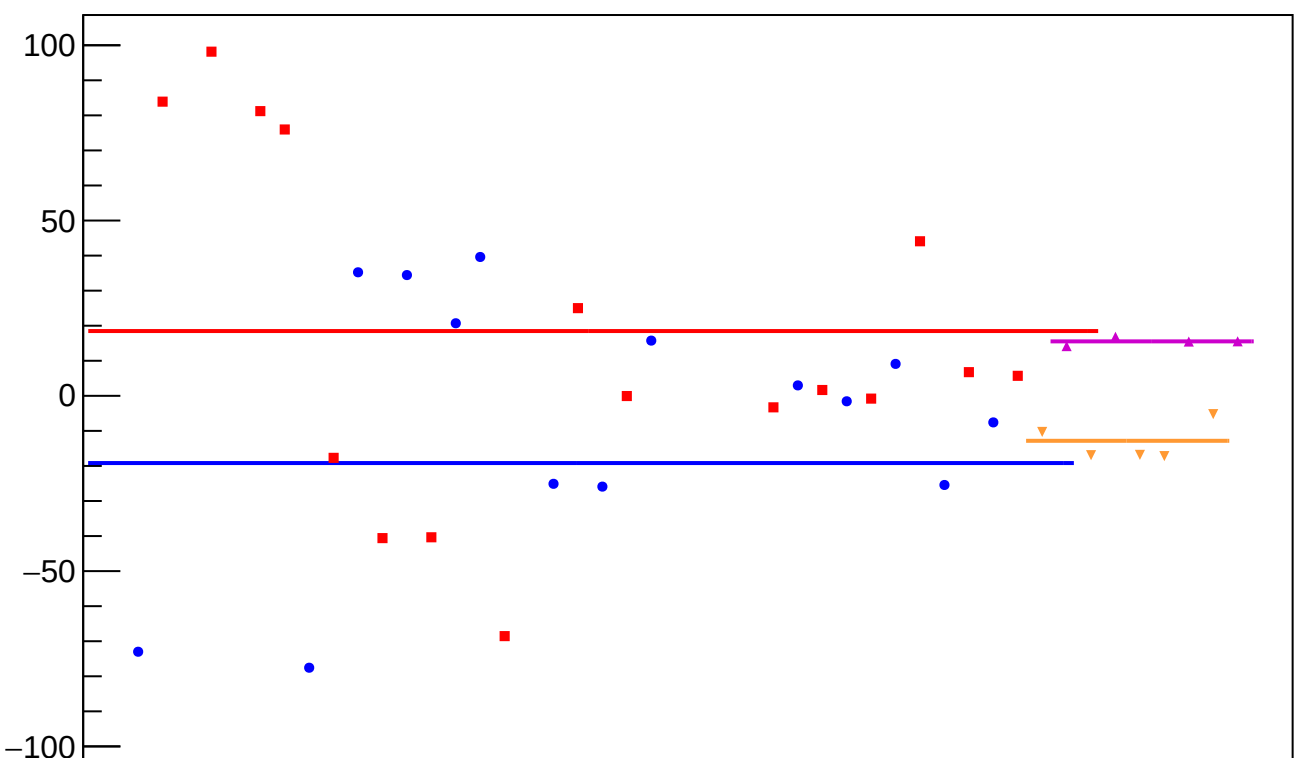
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 1.024+/-0.000 χ^2/NDF: 14796434135764654

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -12.829+/-0.000 χ^2/NDF:858580220479201937077701249387724 8.0/4

In: -7.289+/-0.000 χ^2/NDF:15143970470678424 7

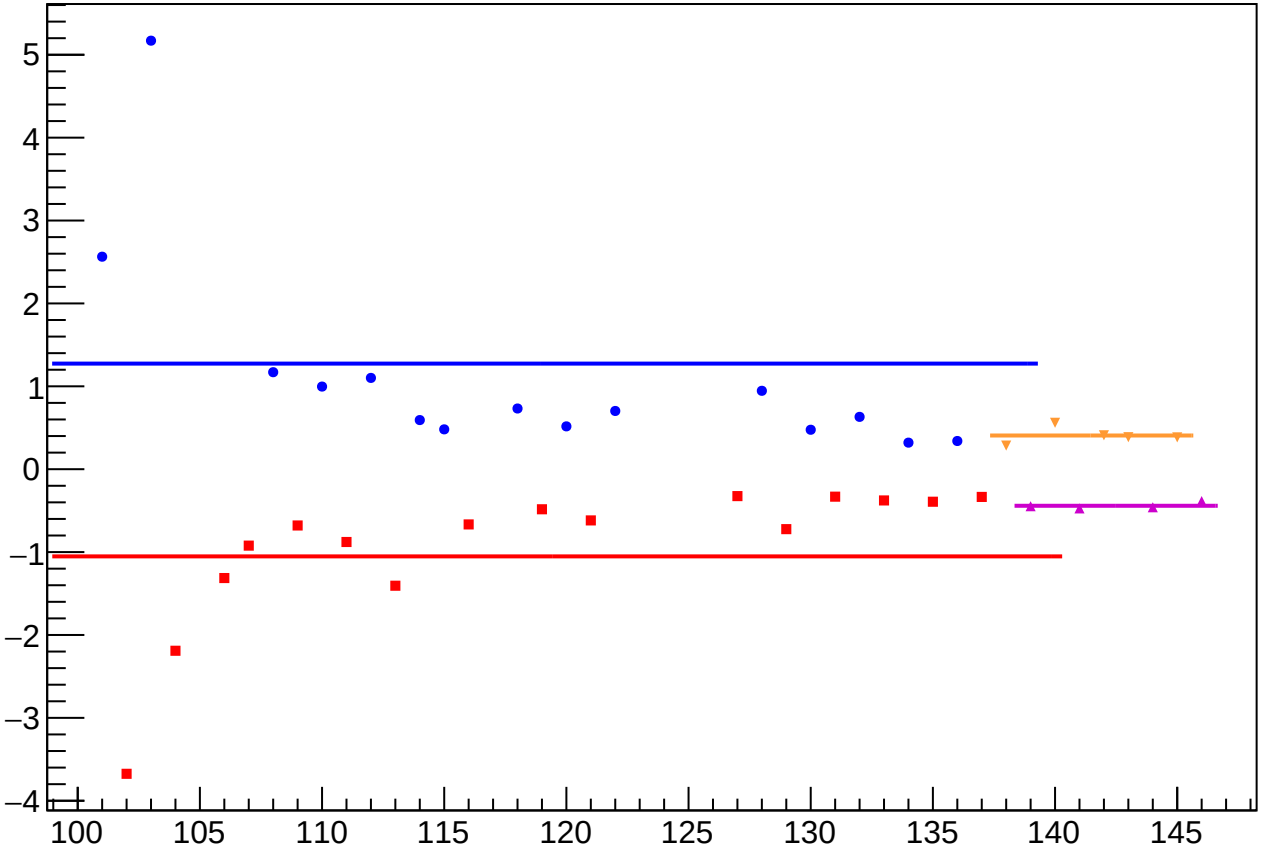
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: 7.624+/-0.000 χ^2/NDF:17246586949404678 3

Left In: 15.533+/-0.000 χ^2/NDF:29557832414002914558219841542553 6.0/3

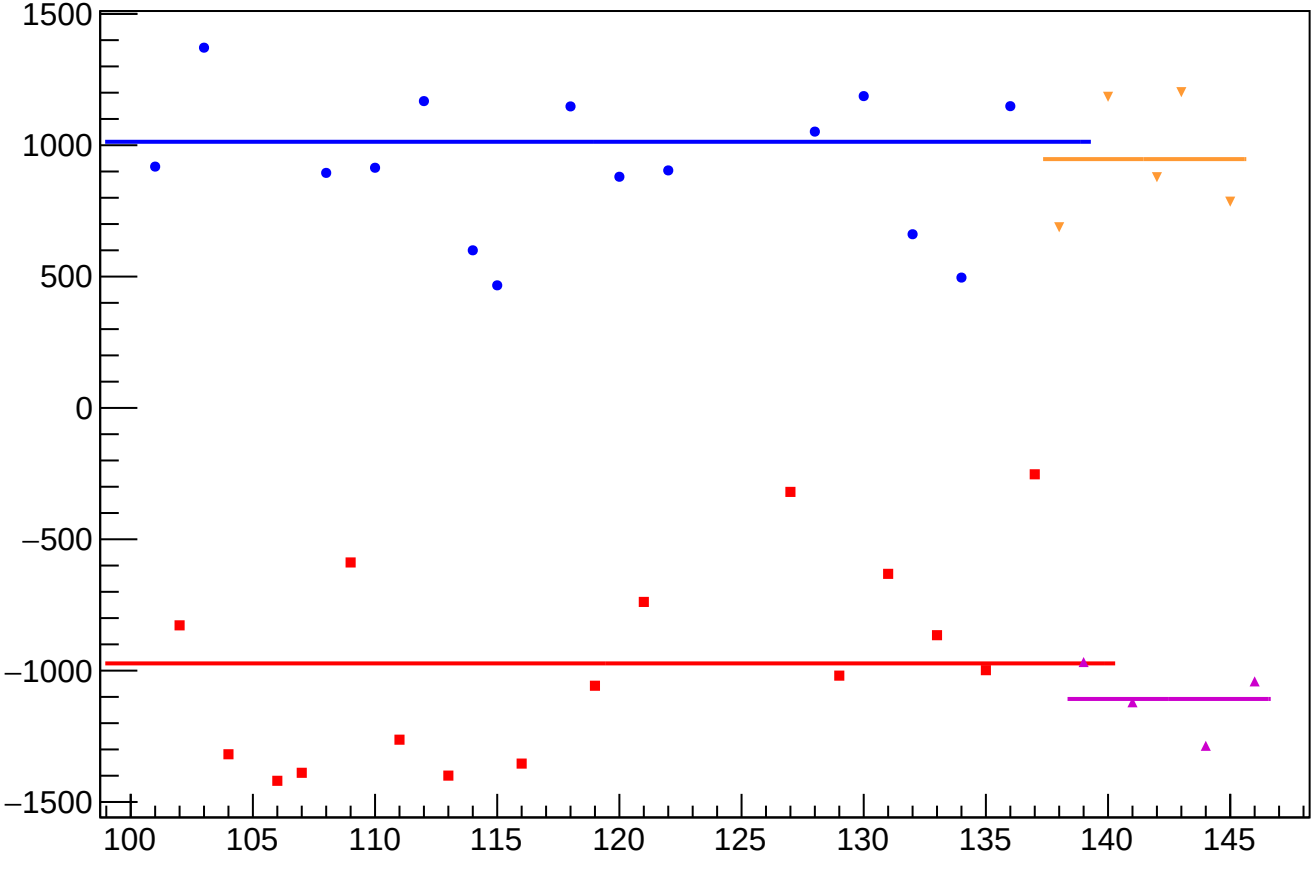
All: 0.294+/-0.000 χ^2/NDF: 3350673548628 9

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: -0.008+/-0.000 χ^2/NDF: 1278332949897992
Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14
Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468
Left Out: 0.407+/-0.000 χ^2/NDF:315374334247936417109607710720 0.0/4
In: 0.687+/-0.000 χ^2/NDF:186630263124448168
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15
Out: -0.546+/-0.000 χ^2/NDF:11023713165566127
Left In: -0.441+/-0.000 χ^2/NDF:381738113891467609864455323648.0/3
All: 0.060+/-0.000 χ^2/NDF: 3731349333650

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

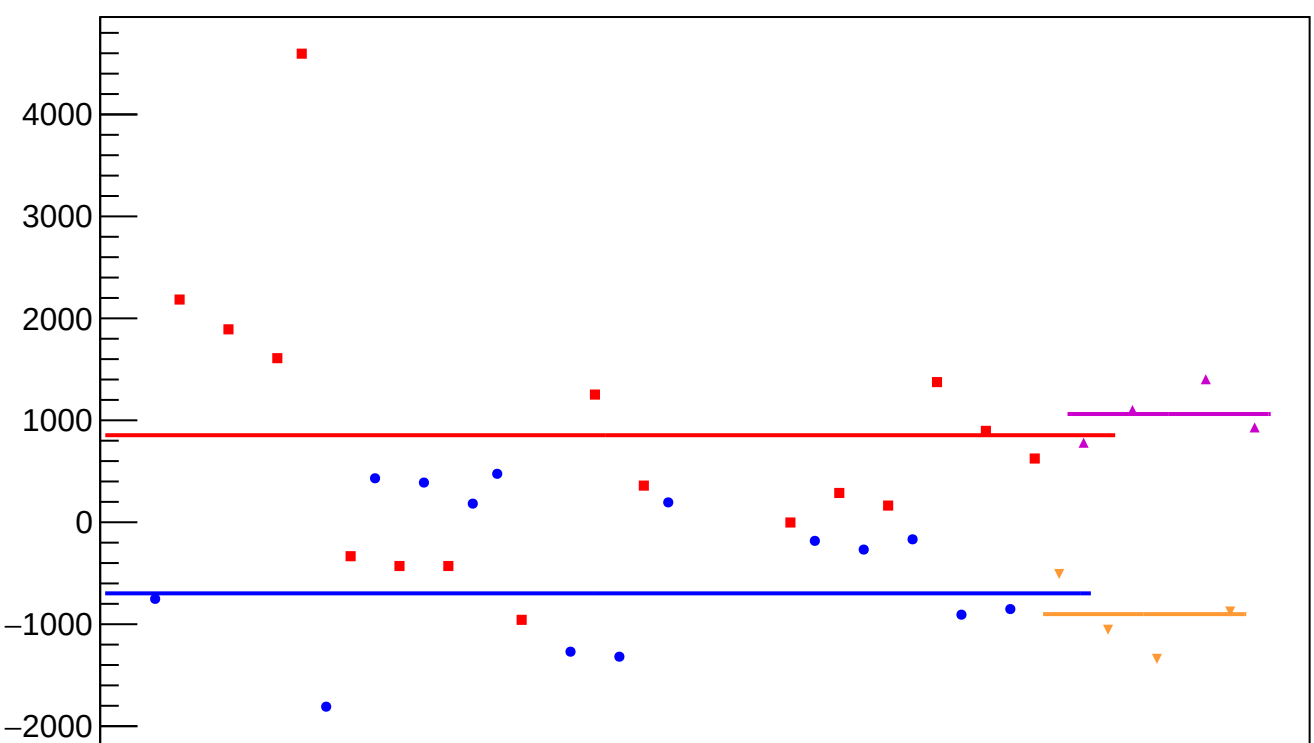
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_usl_coil6_mean vs Slug, Sign Corrected



Left: 160.437+/-0.000 χ^2/NDF: 6391008174281518

Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14

Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184

Left Out: -900.972+/-0.000 χ^2/NDF:2289152193579857314562816007006375 1168.0/3

In: -94.918+/-0.000 χ^2/NDF:1196413526182893 4

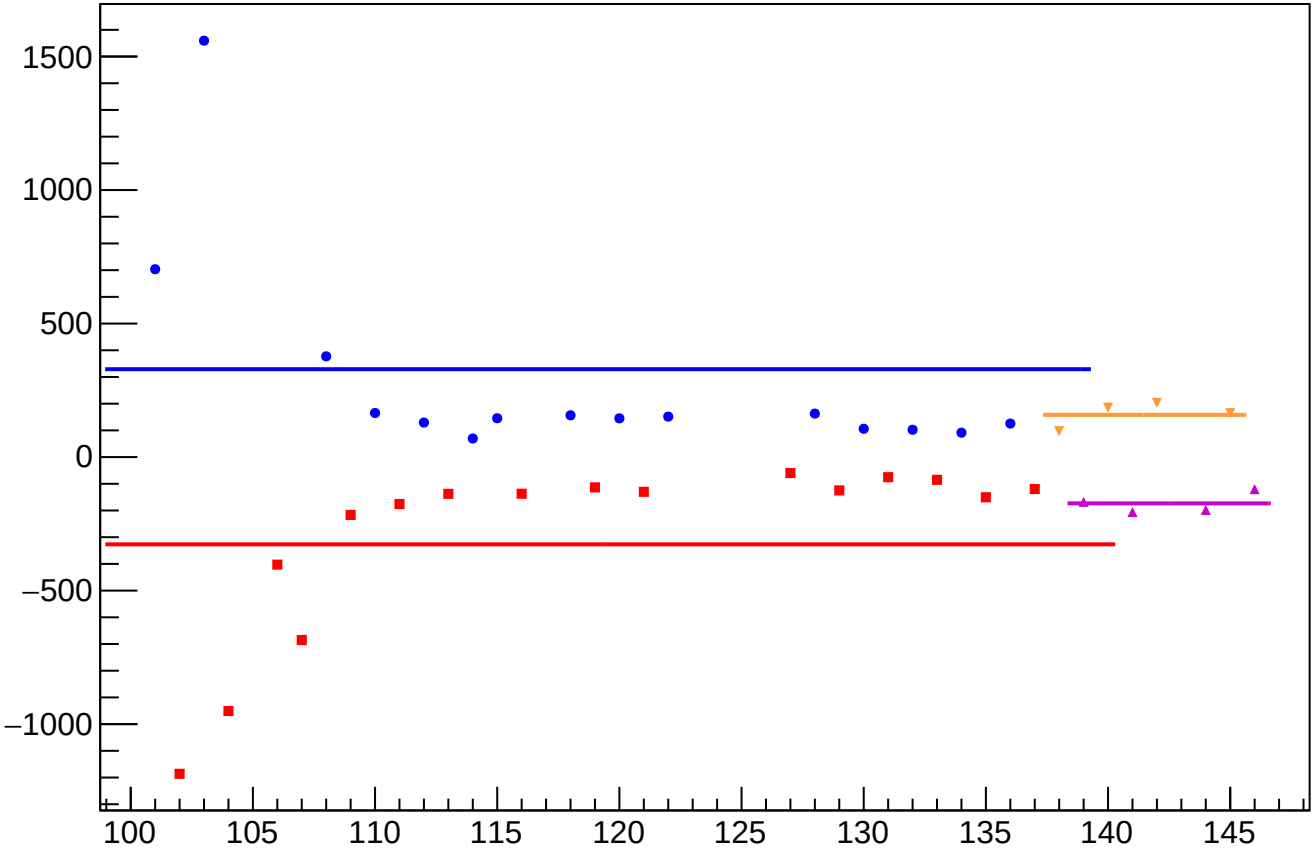
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15

Out: 325.850+/-0.000 χ^2/NDF:171909916252583 4

Left In: 1061.694+/-0.000 χ^2/NDF:1833283277725207117434824153543527 6288.0/3

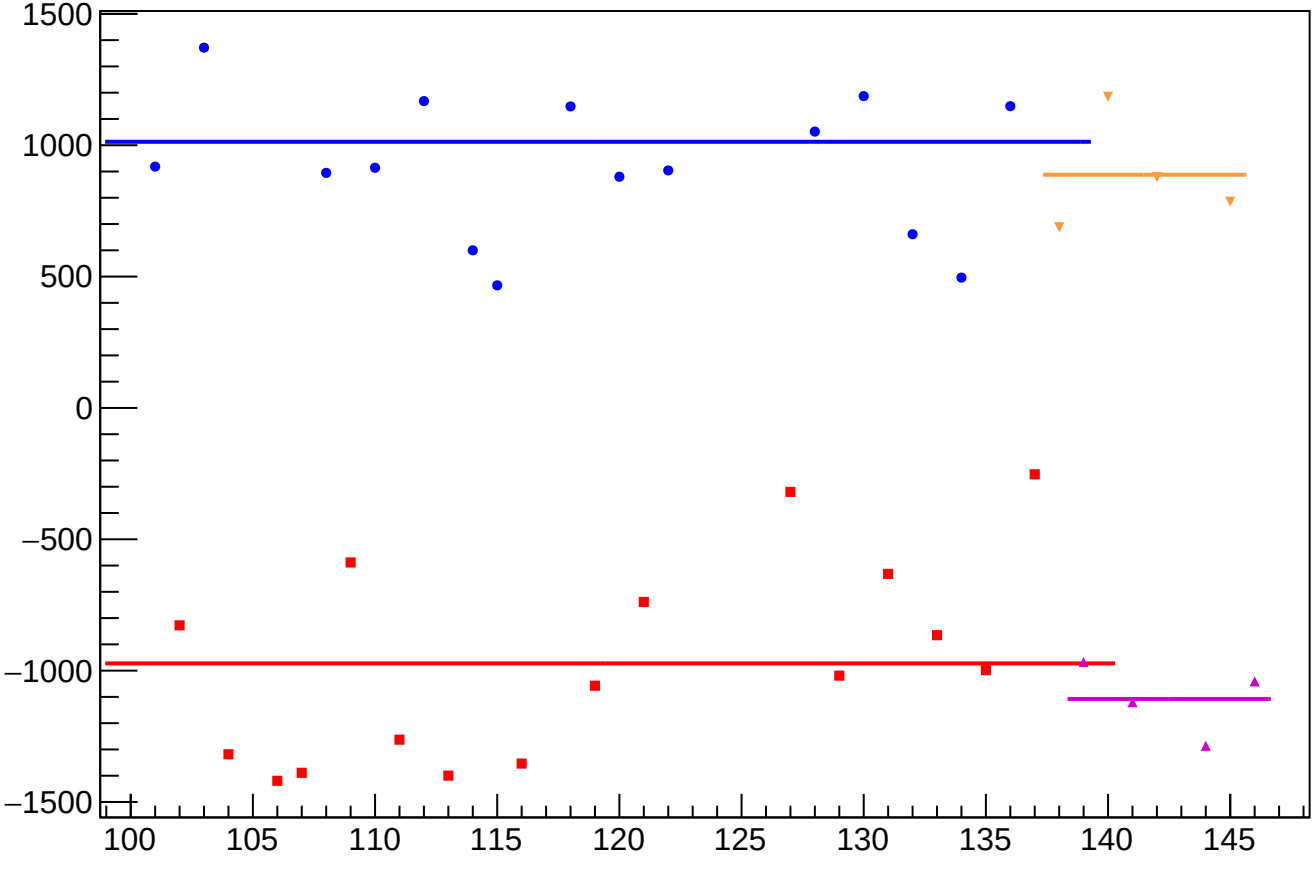
All: 111.889+/-0.000 χ^2/NDF: 30013993159 8

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -21.143+/-0.000 χ^2/NDF: 1787840258120614
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 158.088+/-0.000 χ^2/NDF:4474430571522288481328948834121809 92.0/3
In: 157.047+/-0.000 χ^2/NDF:1733528980444910
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510 79424.0/15
Out: -180.853+/-0.000 χ^2/NDF:135174290673438
Left In: -173.330+/-0.000 χ^2/NDF:3831004049394169399725777373164994 56.0/3
All: -9.031+/-0.000 χ^2/NDF: 3639154608453

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -191.485+/-0.000 χ^2/NDF: 634058568744147

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 887.683+/-0.000 χ^2/NDF:111946291987066354327121105324311838 72.0/3

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

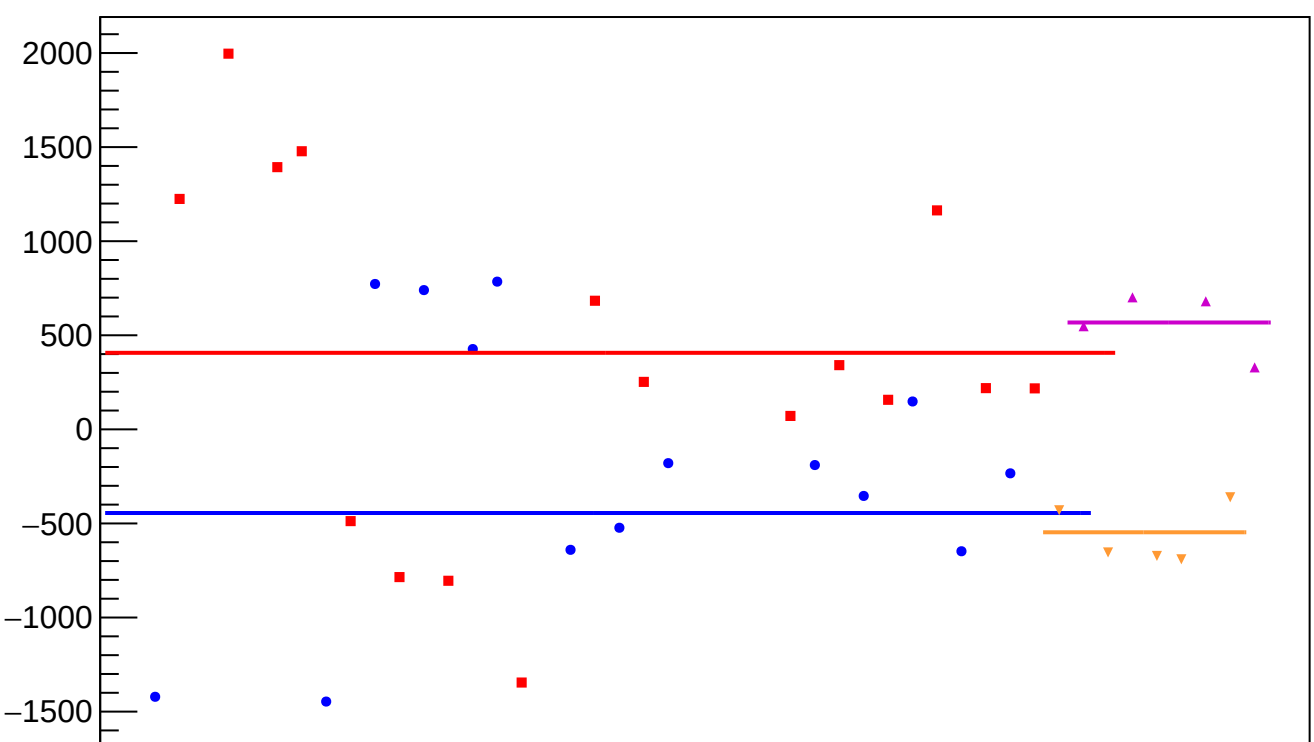
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: -412.861+/-0.000 χ^2/NDF:784390352789180

Left In: -1107.820+/-0.000 χ^2/NDF:481464957730738126765637764196073472 0.0/3

All: -57.074+/-0.000 χ^2/NDF: 205820807019

dit_usr_coil6_mean vs Slug, Sign Corrected



Left: -2.433+/-0.000 χ^2/NDF: 22923937068042145

Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14

Right: -13.070+/-0.000 χ^2/NDF: 116395703795034

Left Out: -546.980+/-0.000 χ^2/NDF:69185017708920508540942998212024 72960.0/4

In: -97.812+/-0.000 χ^2/NDF:63168815420350759

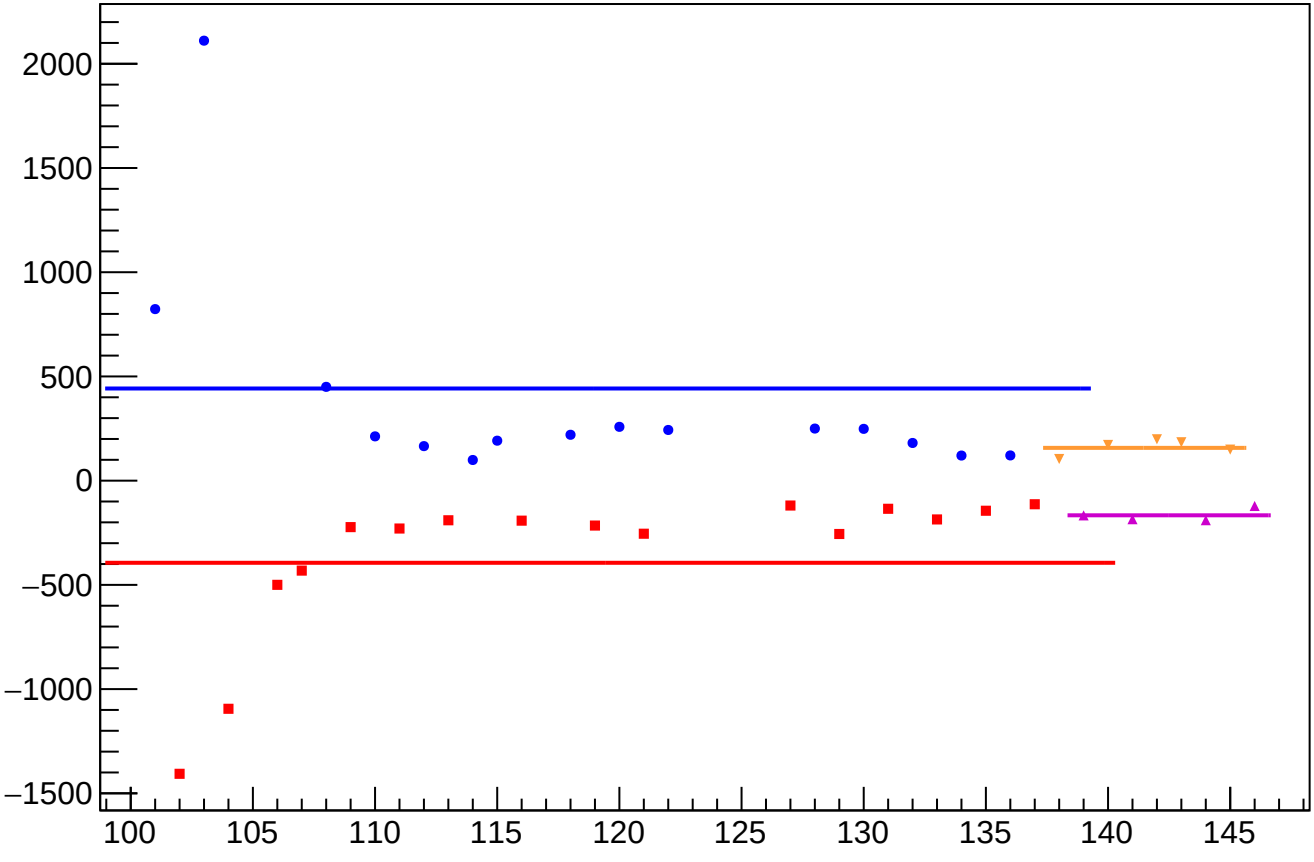
Right Out: 406.729+/-0.000 χ^2/NDF: 52912242186677481001294178223912910848 0.0/15

Out: 76.060+/-0.000 χ^2/NDF:74638763704704294

Left In: 567.892+/-0.000 χ^2/NDF:74070688383736682239105045063165542 40.0/3

All: -9.404+/-0.000 χ^2/NDF: 1393247722965

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -0.682+/-0.000 χ^2/NDF: 18717614150648775

Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186

Left Out: 157.355+/-0.000 χ^2/NDF:370924976722585019057749826492956672.0/4

In: 233.827+/-0.000 χ^2/NDF:2865174495788180

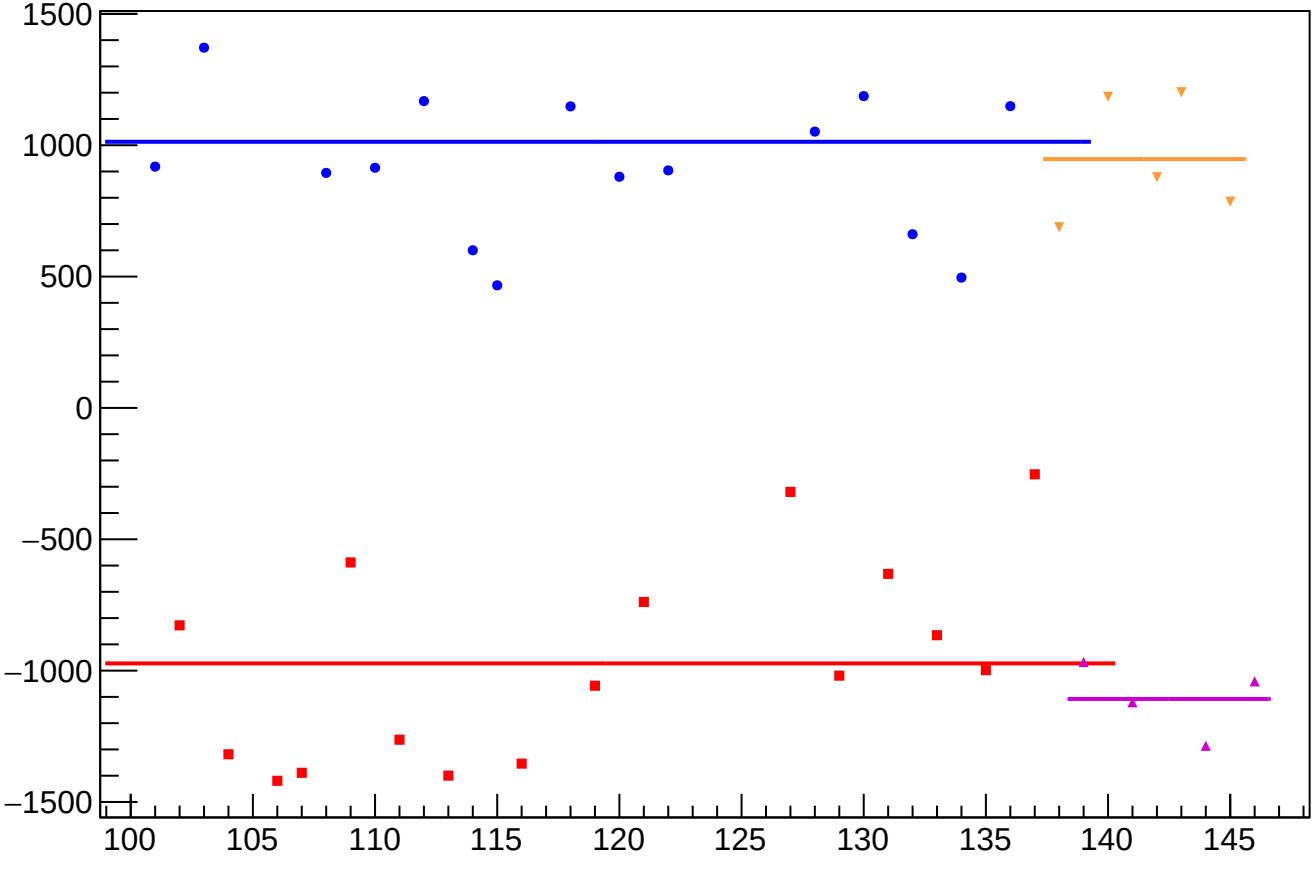
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

Out: -202.857+/-0.000 χ^2/NDF:176563895582278

Left In: -166.200+/-0.000 χ^2/NDF:245376345862006496776737275005370368.0/3

All: 11.788+/-0.000 χ^2/NDF: 5587817521894

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

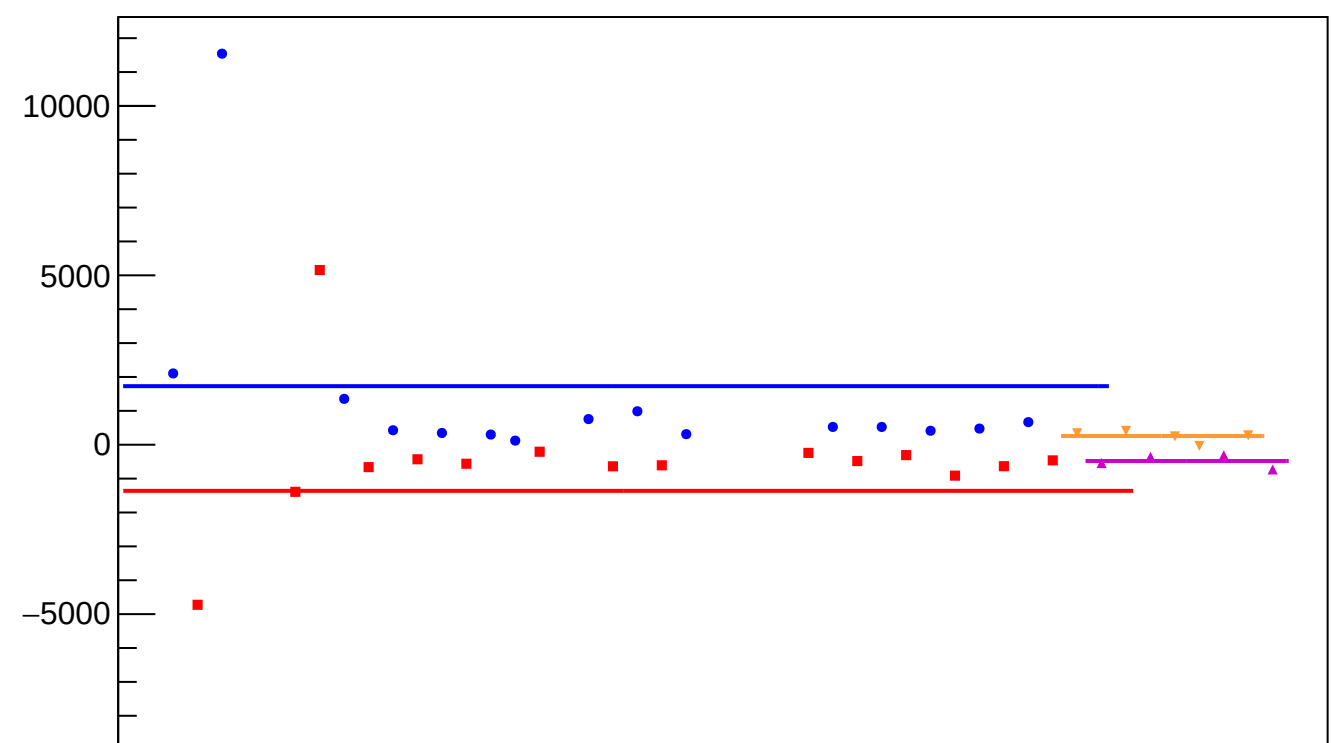
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -102.615+/-0.000 χ^2/NDF: 111461513859646

Right In: 1729.013+/-0.000 χ^2/NDF: 641312129727334740807562411650796486656 0.0/14

Right: 162.918+/-0.000 χ^2/NDF: 159853161210173

Left Out: 257.472+/-0.000 χ^2/NDF:819300468446200255154060512642832793 6.0/4

In: 972.619+/-0.000 χ^2/NDF:7506695959474142 4

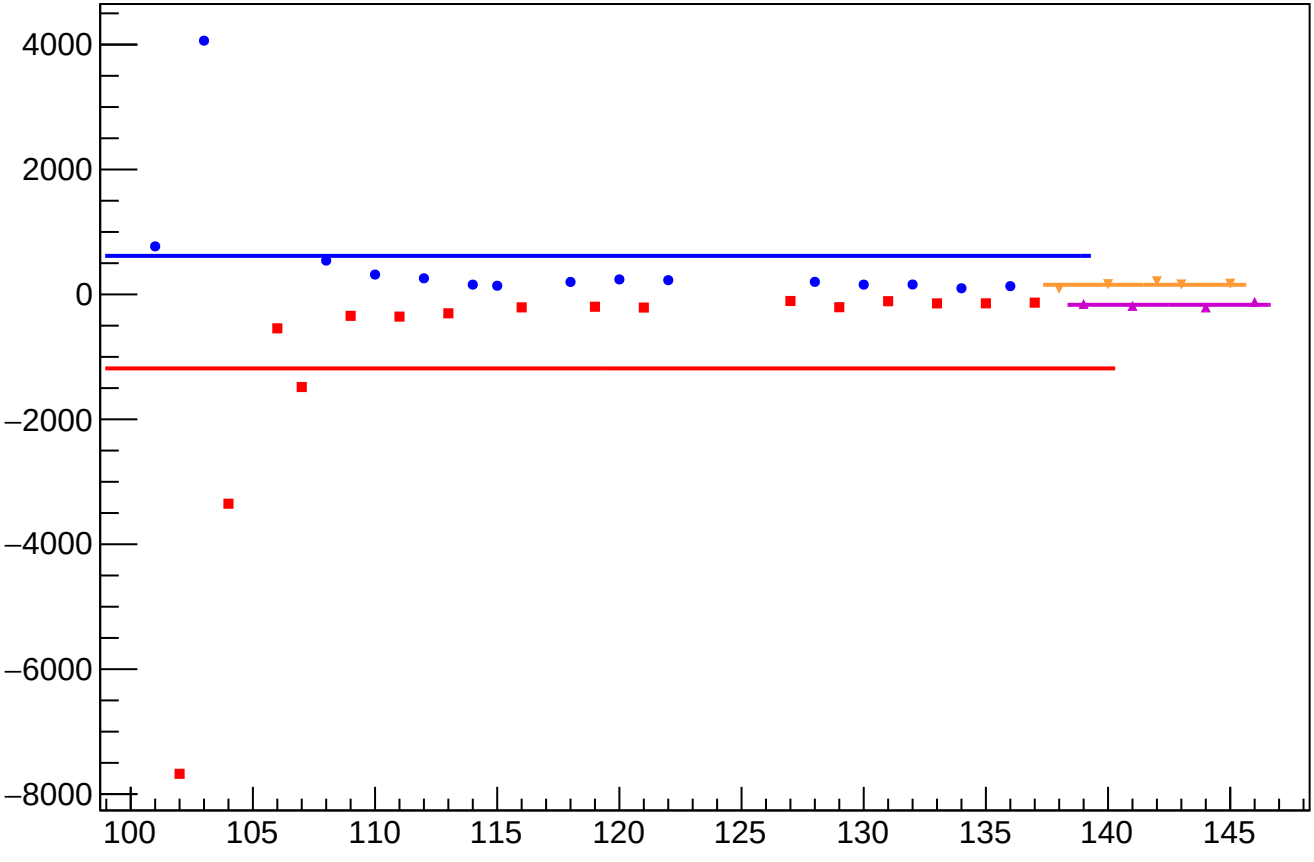
Right Out: -1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617446 4.0/15

Out: -799.789+/-0.000 χ^2/NDF:704551266507575

Left In: -479.747+/-0.000 χ^2/NDF:929468120910843556241473932358372556 8.0/3

All: 71.410+/-0.000 χ^2/NDF: 1612875441789

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.427+/-0.000 χ^2/NDF: 18647201023530167

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 154.228+/-0.000 χ^2/NDF:4871889912091328152848858841308200 96.0/4

In: 348.916+/-0.000 χ^2/NDF:9292923039931399 0

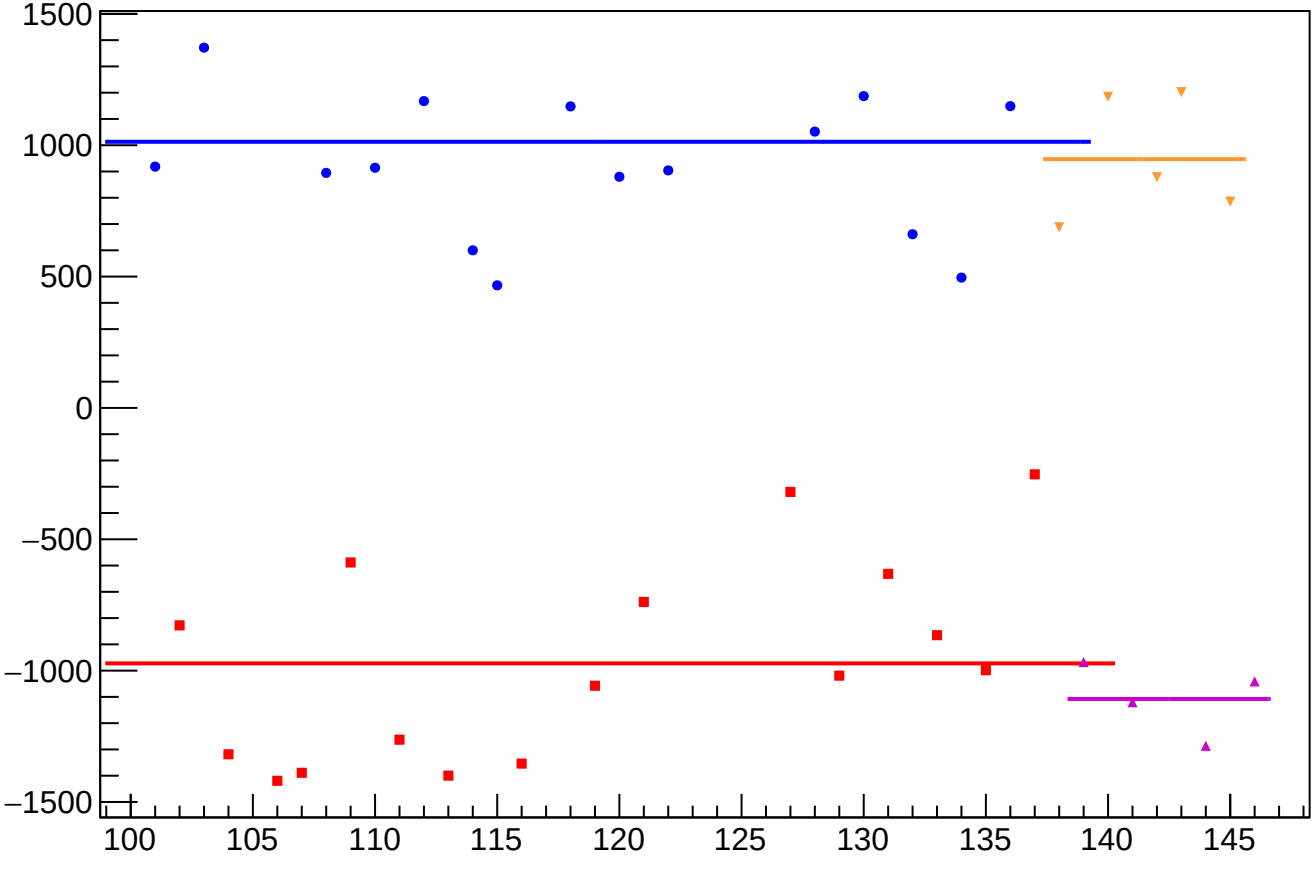
Right Out: -1184.322+/-0.000 χ^2/NDF: 316742304312124266656353582049655993 1392.0/15

Out: -720.221+/-0.000 χ^2/NDF:358226520935625

Left In: -166.497+/-0.000 χ^2/NDF:3739072517787323260904557683293552 64.0/3

All: -194.704+/-0.000 χ^2/NDF: 50852056010

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

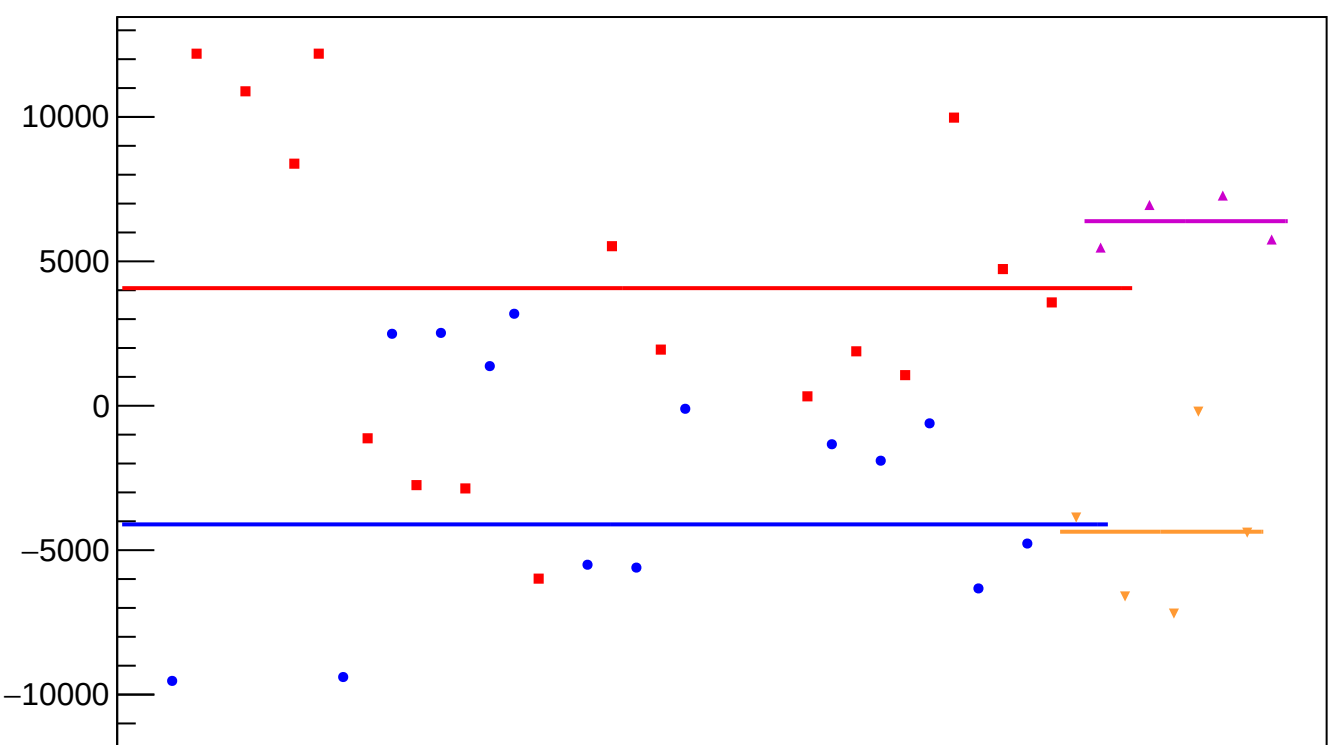
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 890.715+/-0.000 χ^2/NDF: 2214530069691115

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -4361.012+/-0.000 χ^2/NDF:1958272479312412394889627555742550589440.0/4

In: -512.216+/-0.000 χ^2/NDF:3922133728312868

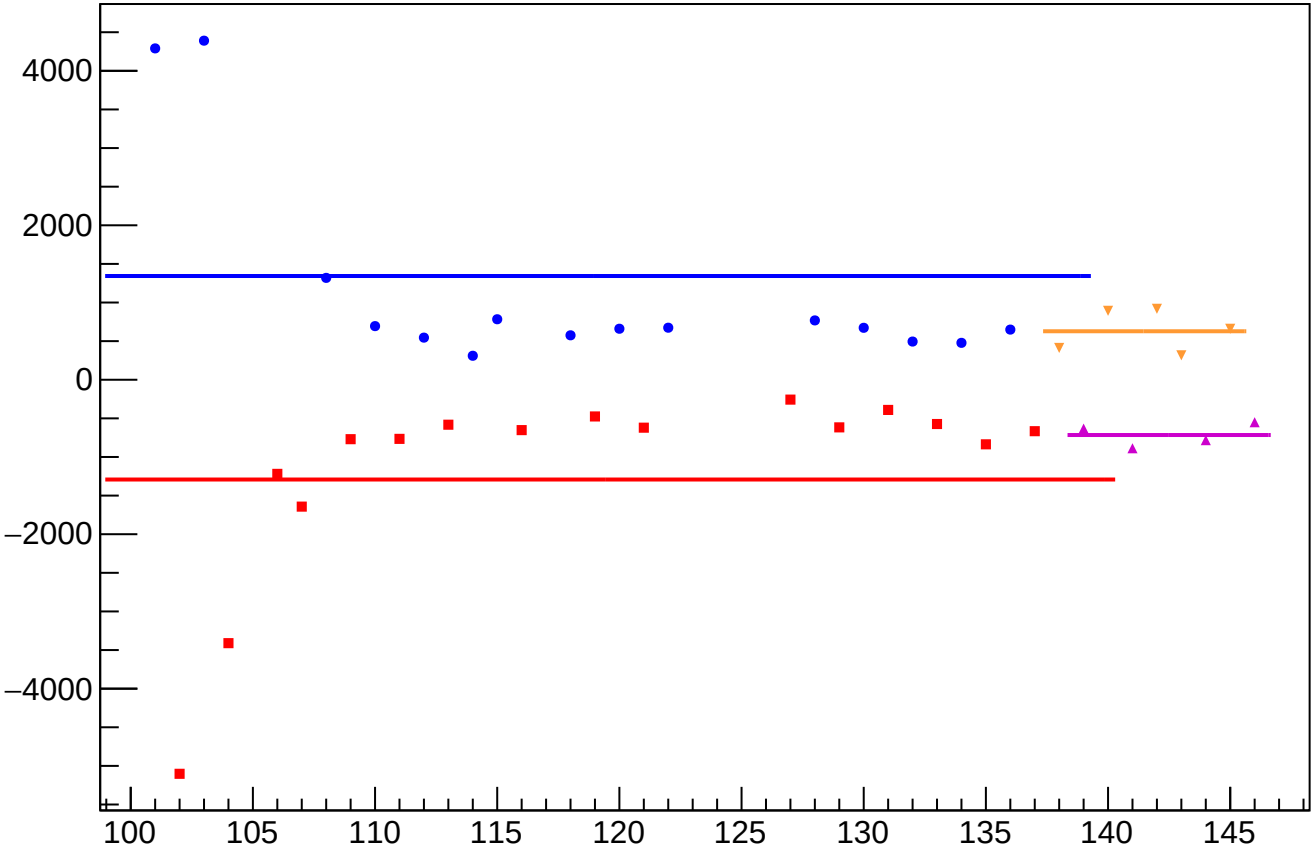
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: 1148.193+/-0.000 χ^2/NDF:387722317473554

Left In: 6391.044+/-0.000 χ^2/NDF:1977584165318621539078489947003923988 48.0/3

All: 332.046+/-0.000 χ^2/NDF: 79377166297 9

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -28.332+/-0.000 χ^2/NDF: 3377033805235155

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 627.911+/-0.000 χ^2/NDF:19854847067798187617026934966581198848.0/4

In: 638.226+/-0.000 χ^2/NDF:2265400668894229

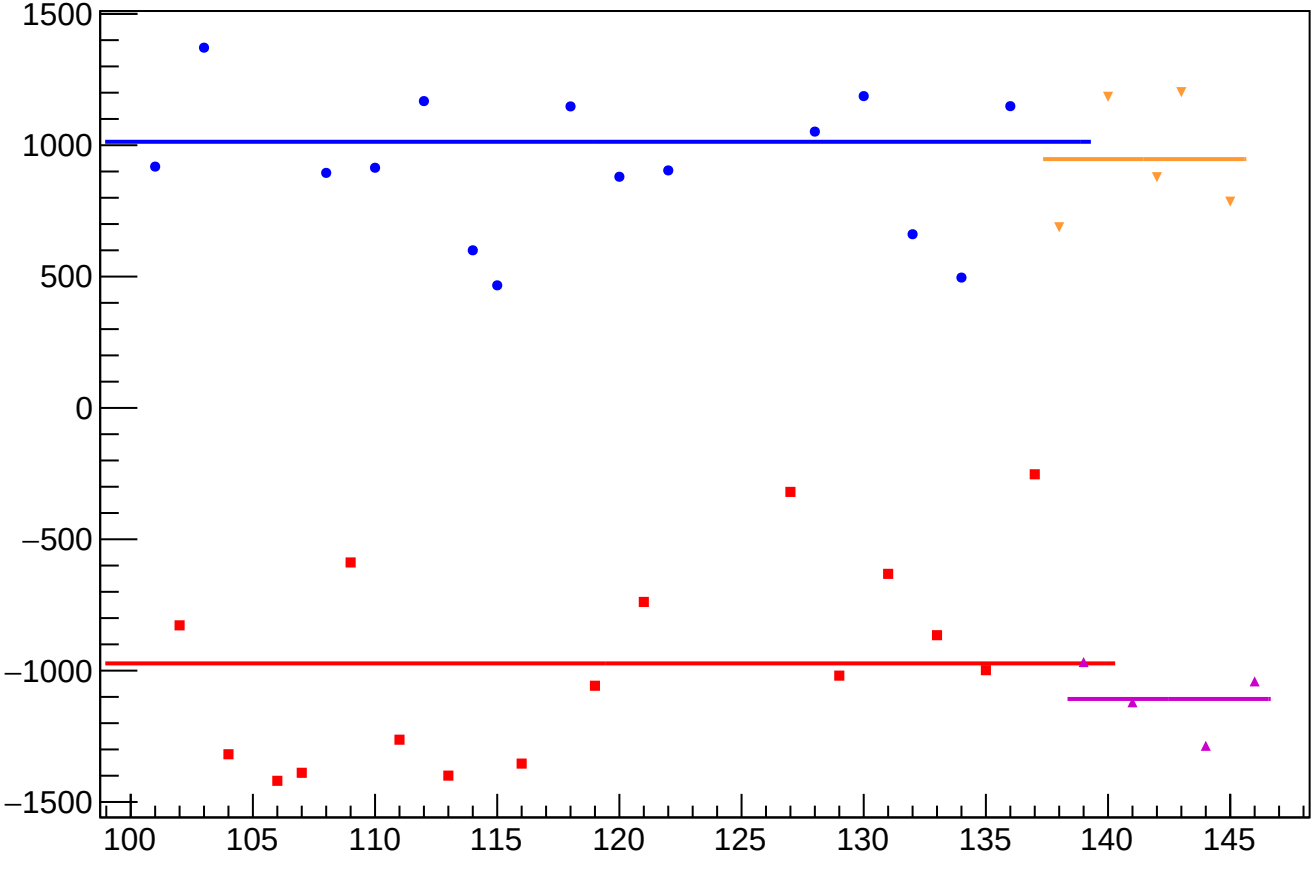
Right Out: -1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

Out: -626.197+/-0.000 χ^2/NDF:219568682036594

Left In: -715.640+/-0.000 χ^2/NDF:5727741452194447409861220086040231936.0/3

All: -4.691+/-0.000 χ^2/NDF: 5263437947908

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

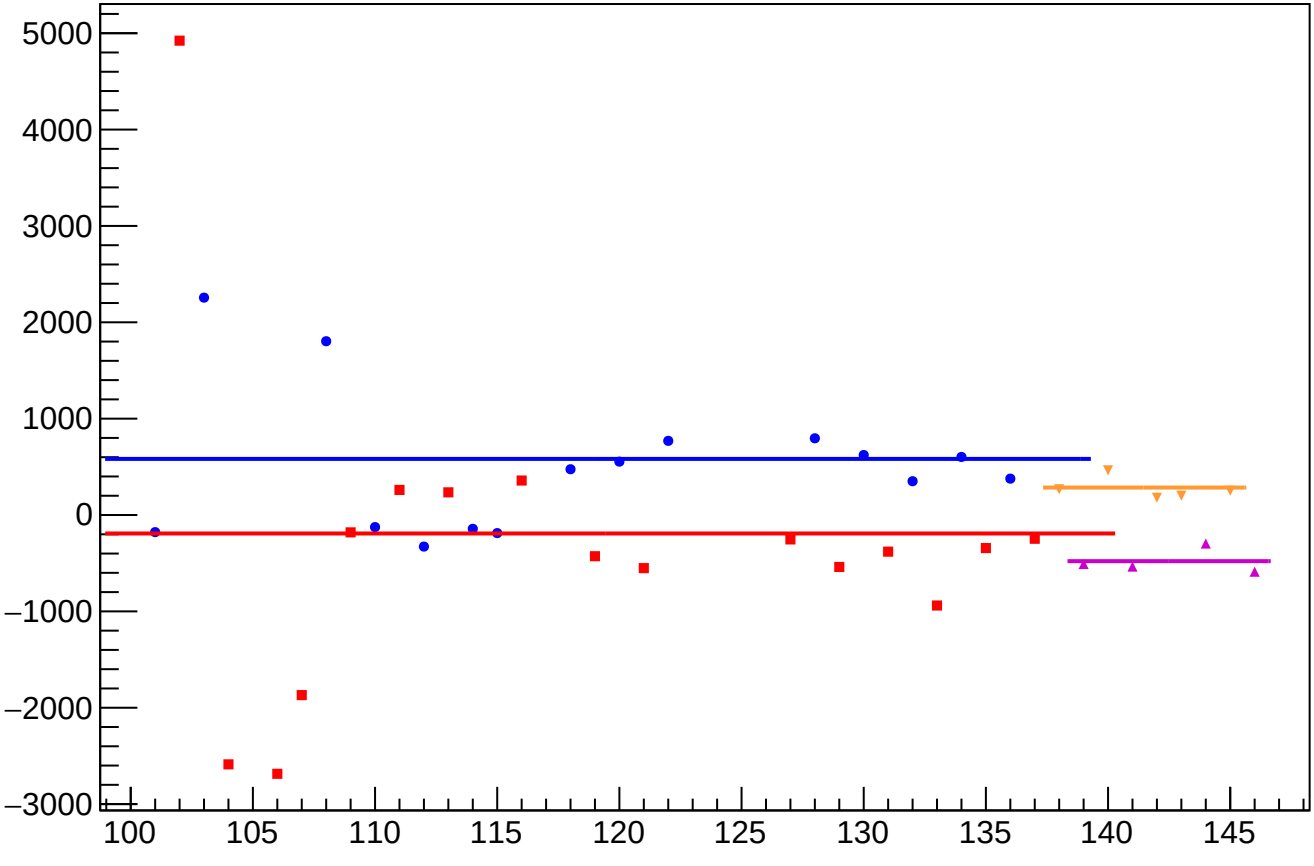
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -88.041+/-0.000 χ^2/NDF: 1089179015310587

Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14

Right: 190.108+/-0.000 χ^2/NDF: 270460615635385

Left Out: 285.050+/-0.000 χ^2/NDF:37302360388210905219049530851747430 40.0/4

In: 218.986+/-0.000 χ^2/NDF:5933793311672050 0

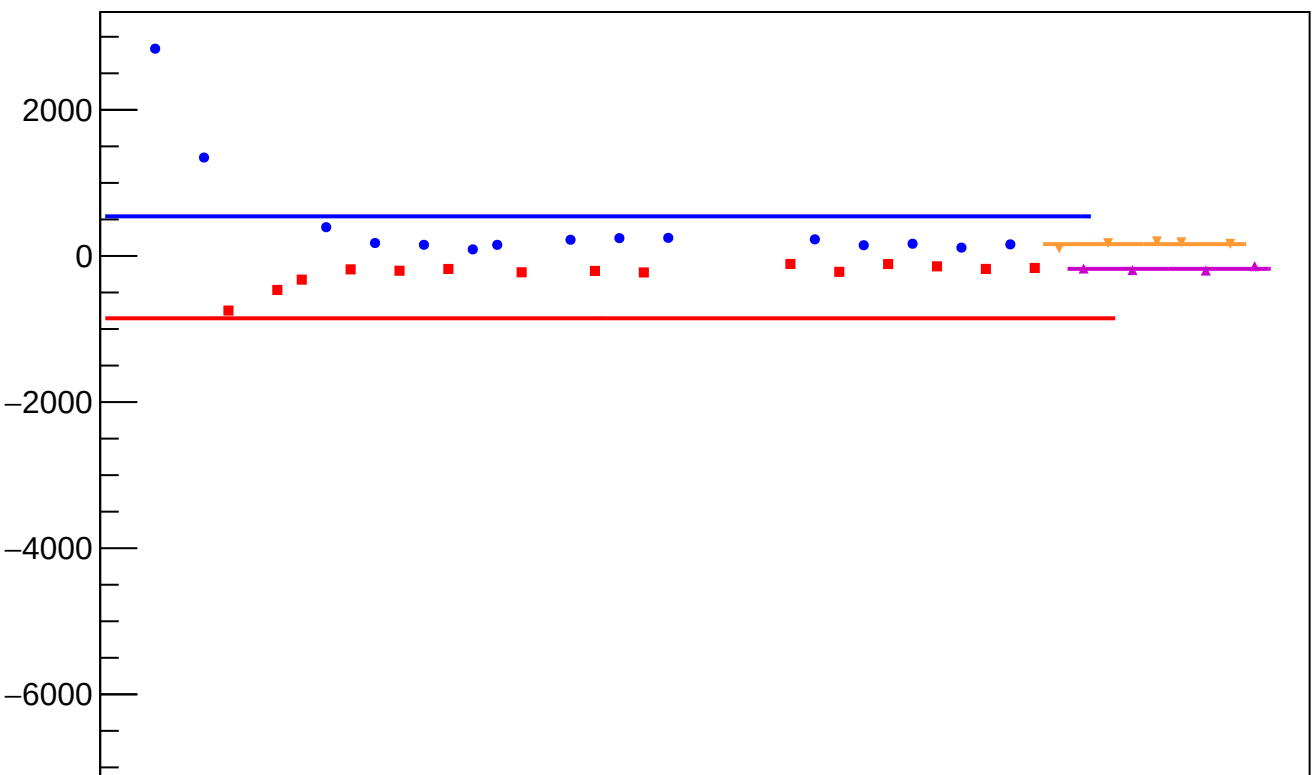
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15

Out: -26.328+/-0.000 χ^2/NDF:2225031119326557

Left In: -478.793+/-0.000 χ^2/NDF:4303684833591441735942886846269227008.0/3

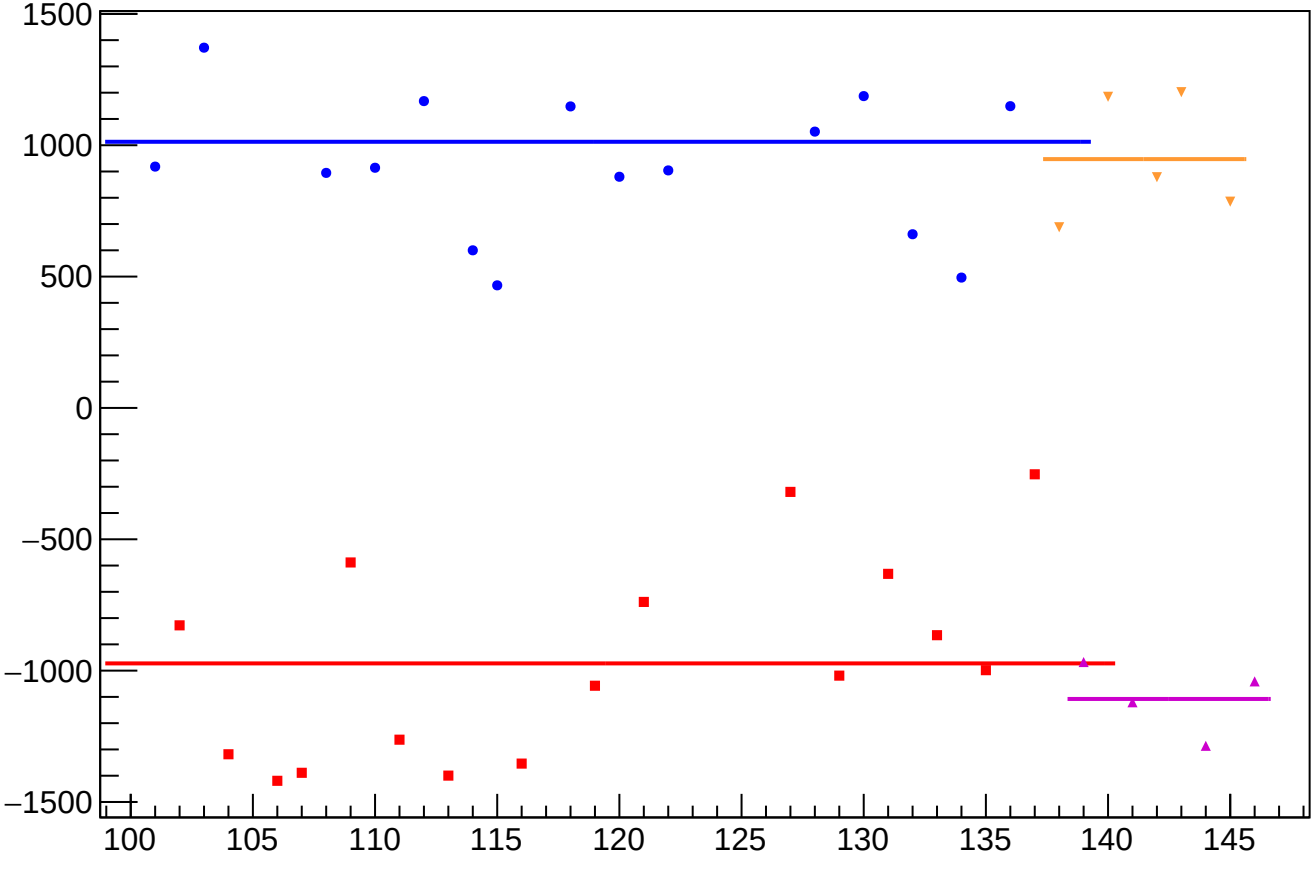
All: 94.252+/-0.000 χ^2/NDF: 284861159064 8

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -3.104+/-0.000 χ^2/NDF: 20368822233023464
Right In: 542.328+/-0.000 χ^2/NDF: 41437881200379554964903404846281706700 8.0/14
Right: -164.982+/-0.000 χ^2/NDF: 36290648240362
Left Out: 162.160+/-0.000 χ^2/NDF:388289893864848607634345116397731840.0/4
In: 296.269+/-0.000 χ^2/NDF:5293061088113812 6
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15
Out: -501.158+/-0.000 χ^2/NDF:281288664383338
Left In: -176.191+/-0.000 χ^2/NDF:185796904267531295033464779572248576.0/3
All: -109.195+/-0.000 χ^2/NDF: 36613179150

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

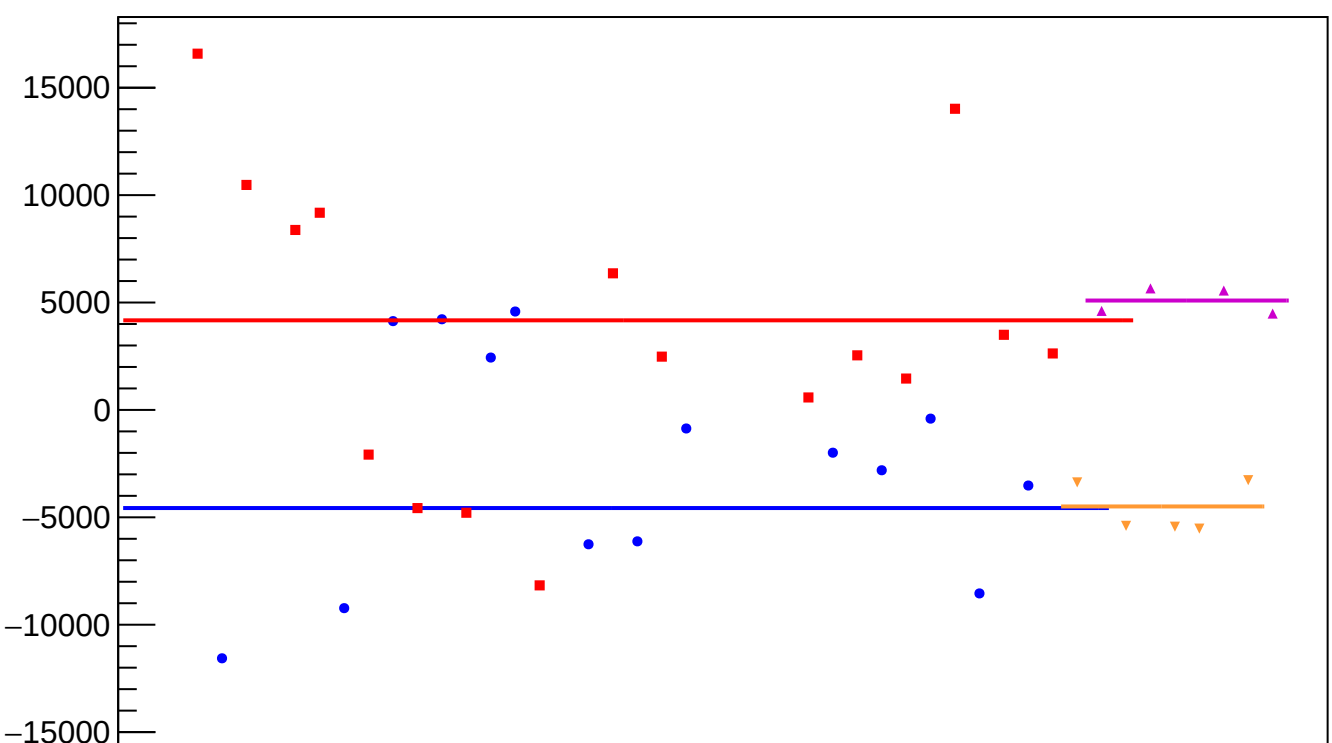
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

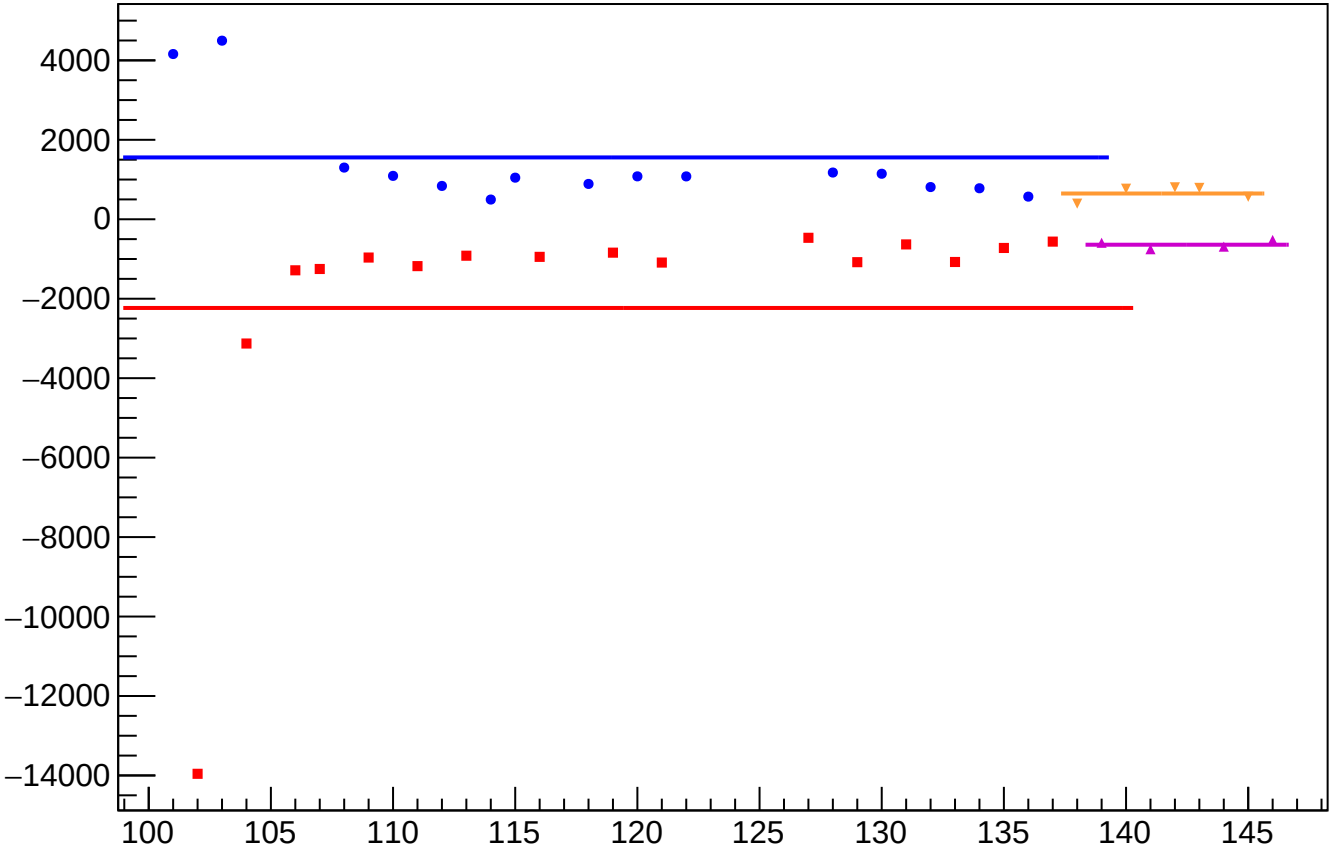
All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_atr2_coil6_mean vs Slug, Sign Corrected



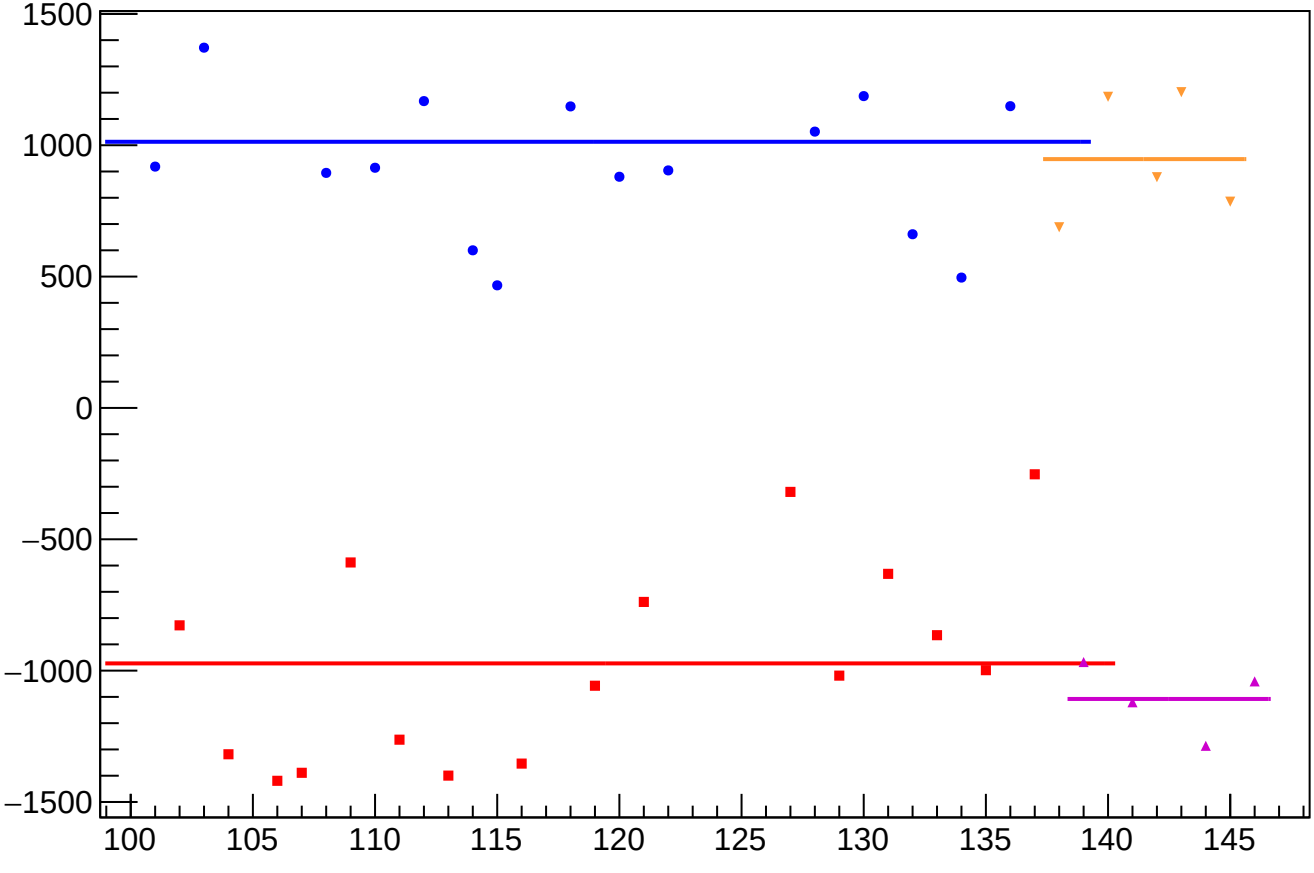
Left: 188.455+/-0.000 χ^2/NDF: 1638553518144784
Right In: -4568.297+/-0.000 χ^2/NDF: 241950521481657195407131109219777569095 68.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -4494.163+/-0.000 χ^2/NDF:39794473617129495514320950177935497 6256.0/4
In: -1259.858+/-0.000 χ^2/NDF:450348943019270
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030 24128.0/15
Out: 1166.476+/-0.000 χ^2/NDF:487285642787654
Left In: 5092.736+/-0.000 χ^2/NDF:958957696431877487104638064045231964 16.0/3
All: -26.150+/-0.000 χ^2/NDF: 967179323626

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 18.808+/-0.000 χ^2/NDF: 2992840094394979
Right In: 1556.763+/-0.000 χ^2/NDF: 113936423921860056719185513175693079347 2.0/14
Right: -363.793+/-0.000 χ^2/NDF: 14852877470384
Left Out: 648.398+/-0.000 χ^2/NDF:92970077132127314832880907864841912 32.0/4
In: 804.277+/-0.000 χ^2/NDF:2215173437561161
Right Out: -2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15
Out: -1233.651+/-0.000 χ^2/NDF:10919091414990
Left In: -640.585+/-0.000 χ^2/NDF:2705255887095543534559851904541655040.0/3
All: -231.940+/-0.000 χ^2/NDF: 15218549731

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

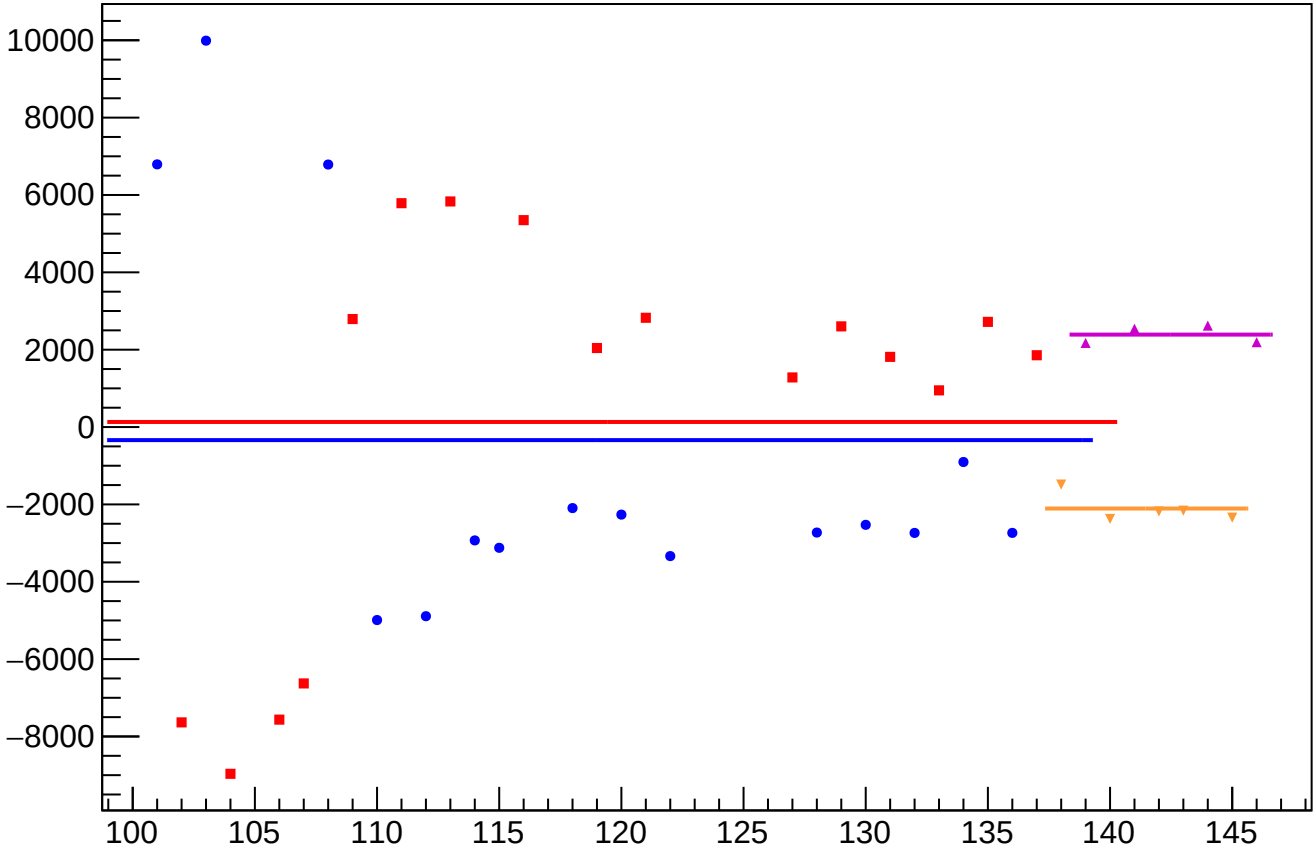
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_sam1_coil6_mean vs Slug, Sign Corrected



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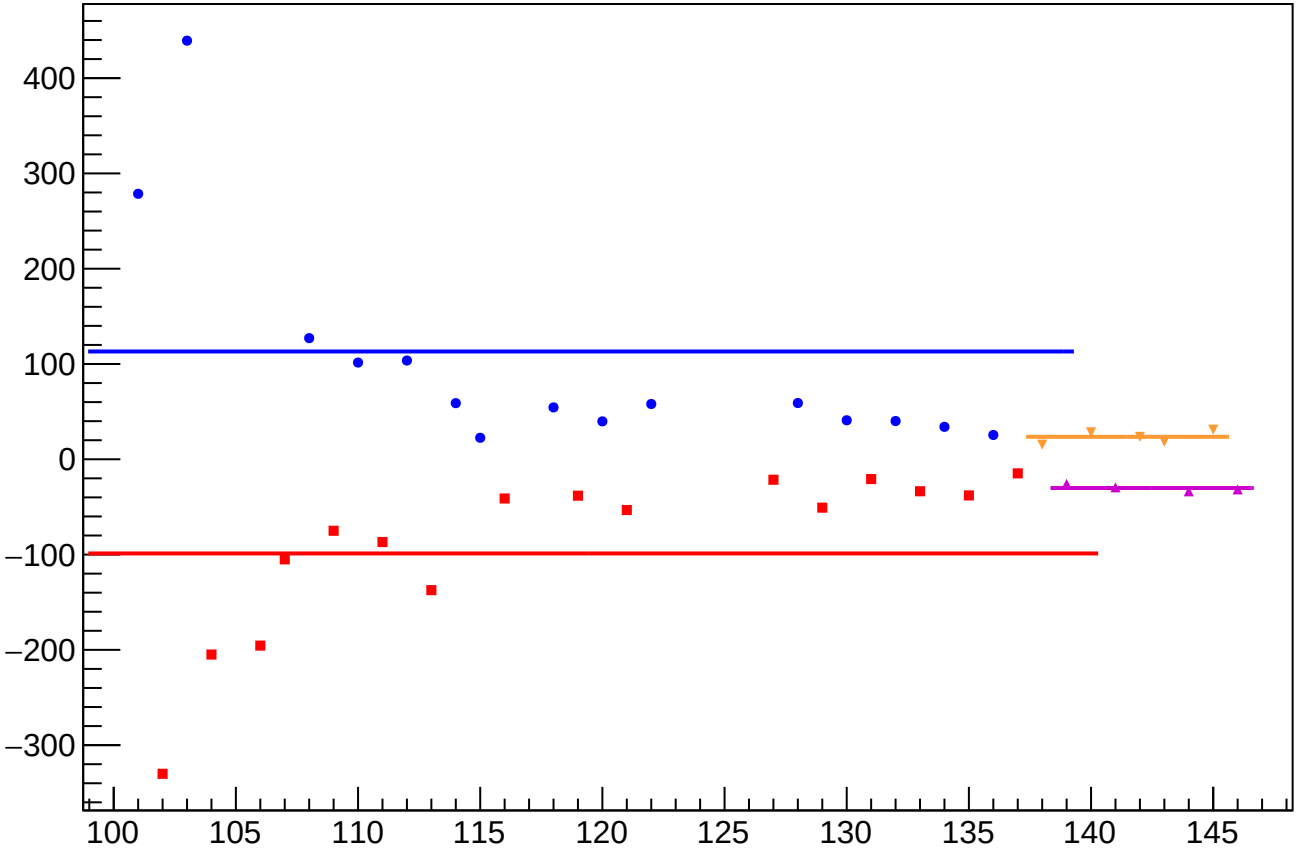
Right: -99.949+/-0.000 χ^2/NDF: 316982138957514
Left Out: -2106.780+/-0.000 χ^2/NDF:408338080517369116776428130406540247 04.0/4
In: 596.348+/-0.000 χ^2/NDF:1682020605301508
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15
Out: -644.524+/-0.000 χ^2/NDF:176726947627263
Left In: 2390.146+/-0.000 χ^2/NDF:1368622928159149546413627147204689920 0.0/3
All: -34.594+/-0.000 χ^2/NDF: 352656401717

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



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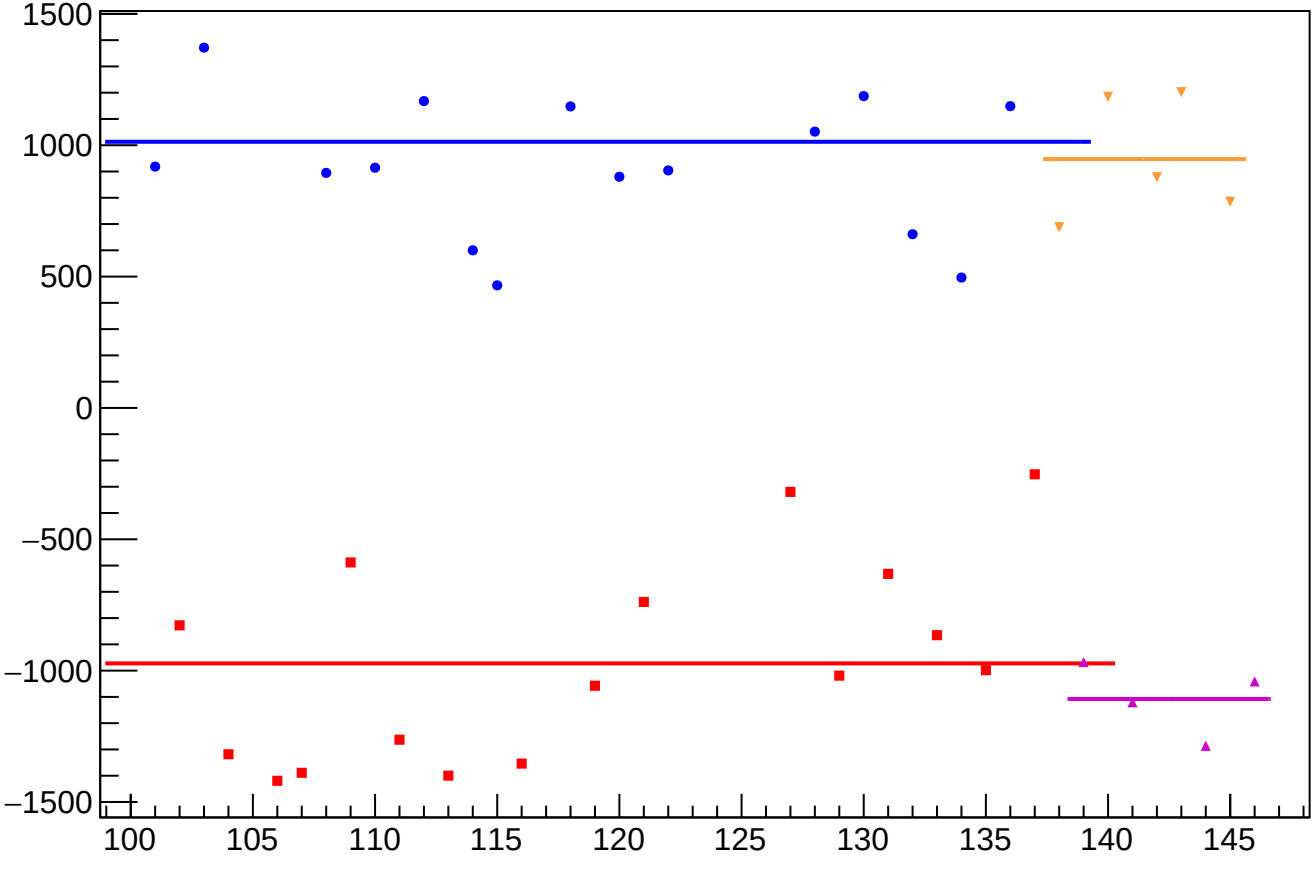
Right: 5.701+/-0.000 χ^2/NDF: 3027917603643611
Left Out: 23.572+/-0.000 χ^2/NDF:1344330369351783262161581884257075 2.0/4
In: 64.058+/-0.000 χ^2/NDF:14556819181448987
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15
Out: -56.393+/-0.000 χ^2/NDF:8988817030834054
Left In: -30.174+/-0.000 χ^2/NDF:2807025076342053877628483613491200.0/3
All: 2.813+/-0.000 χ^2/NDF: 3082674074257

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

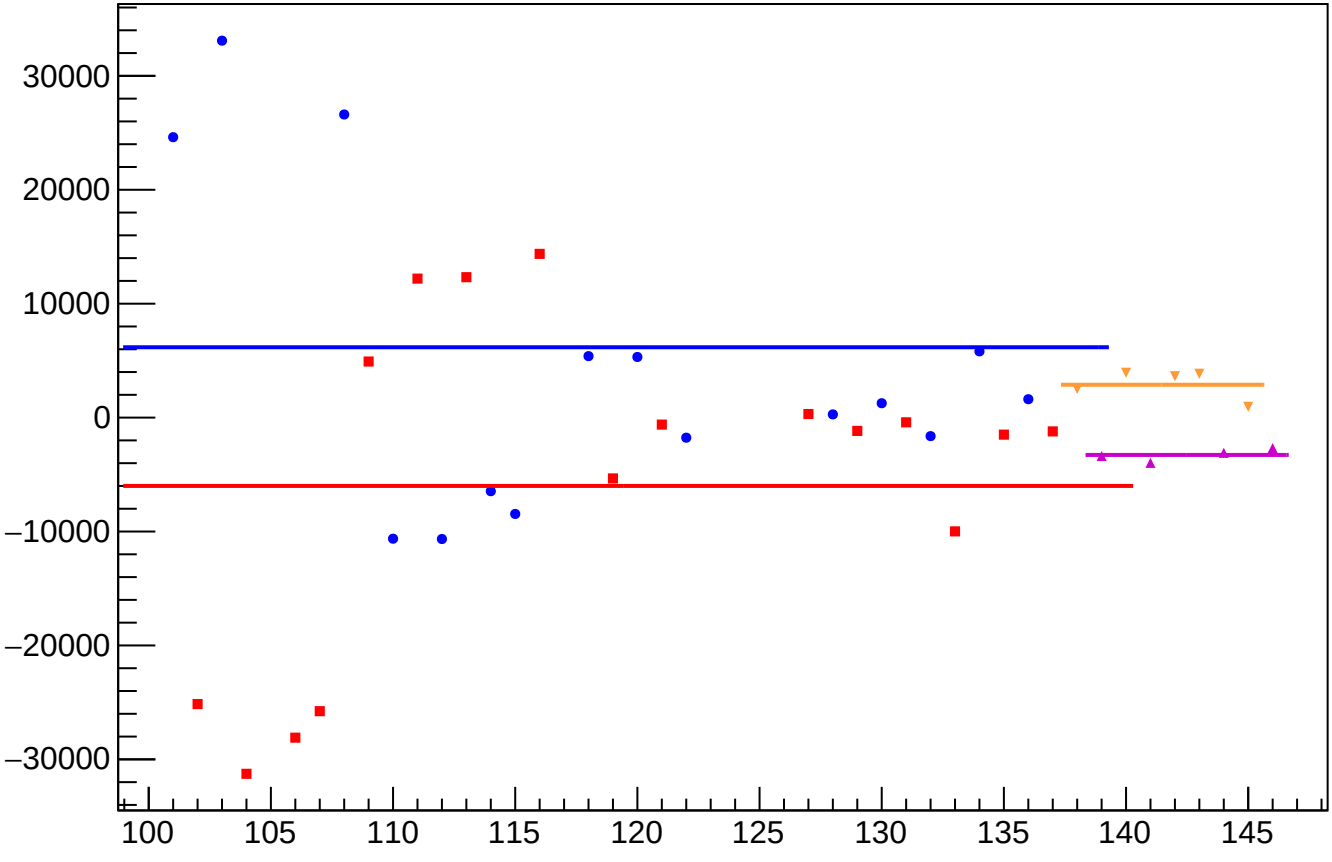
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: -124.744+/-0.000 χ^2/NDF: 713361390491223

Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14

Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767 6

Left Out: 2885.303+/-0.000 χ^2/NDF:4926533147587775791839533391320218337 28.0/4

In: 2938.373+/-0.000 χ^2/NDF:1371944967907105

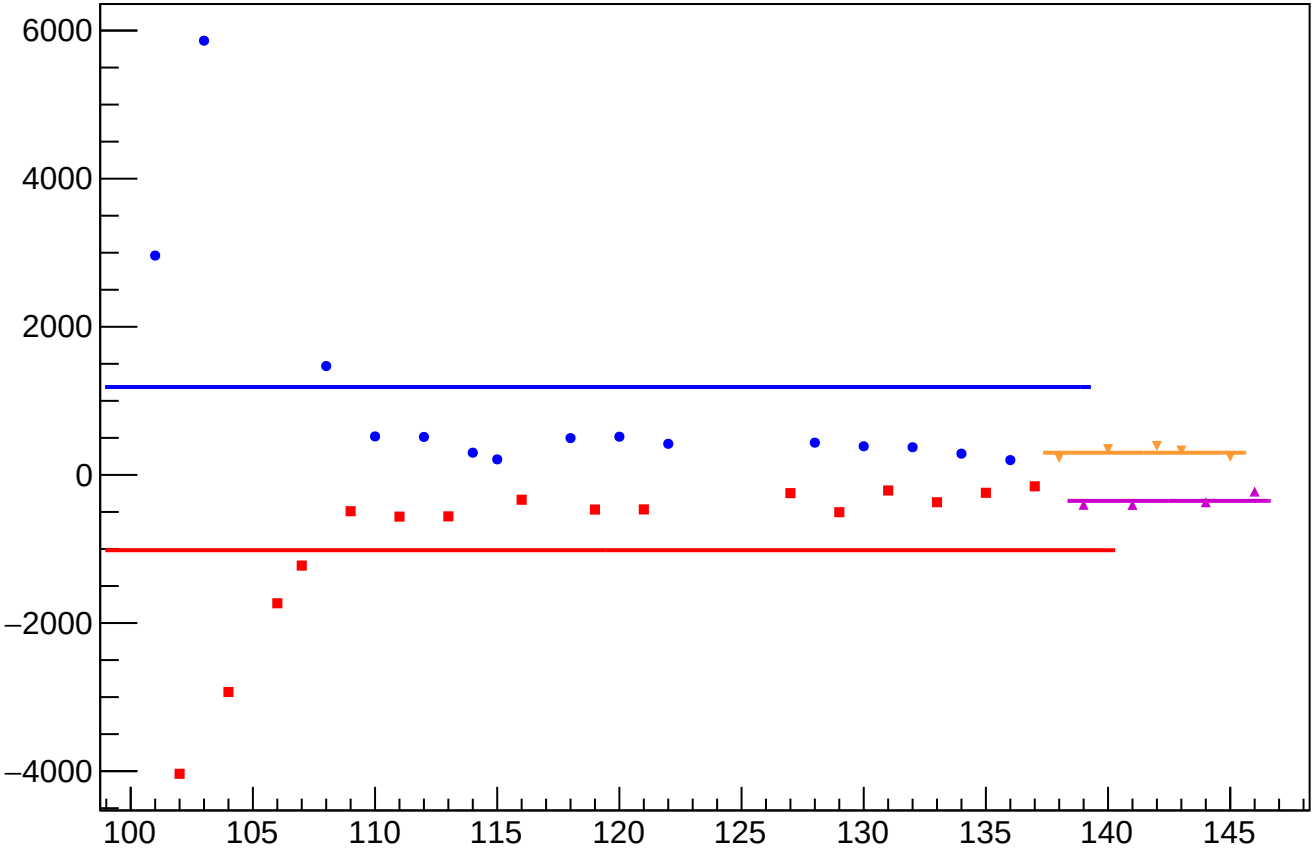
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15

Out: -2917.159+/-0.000 χ^2/NDF:15579468984293

Left In: -3277.279+/-0.000 χ^2/NDF:7437895014265980820126912553387294720 0.0/3

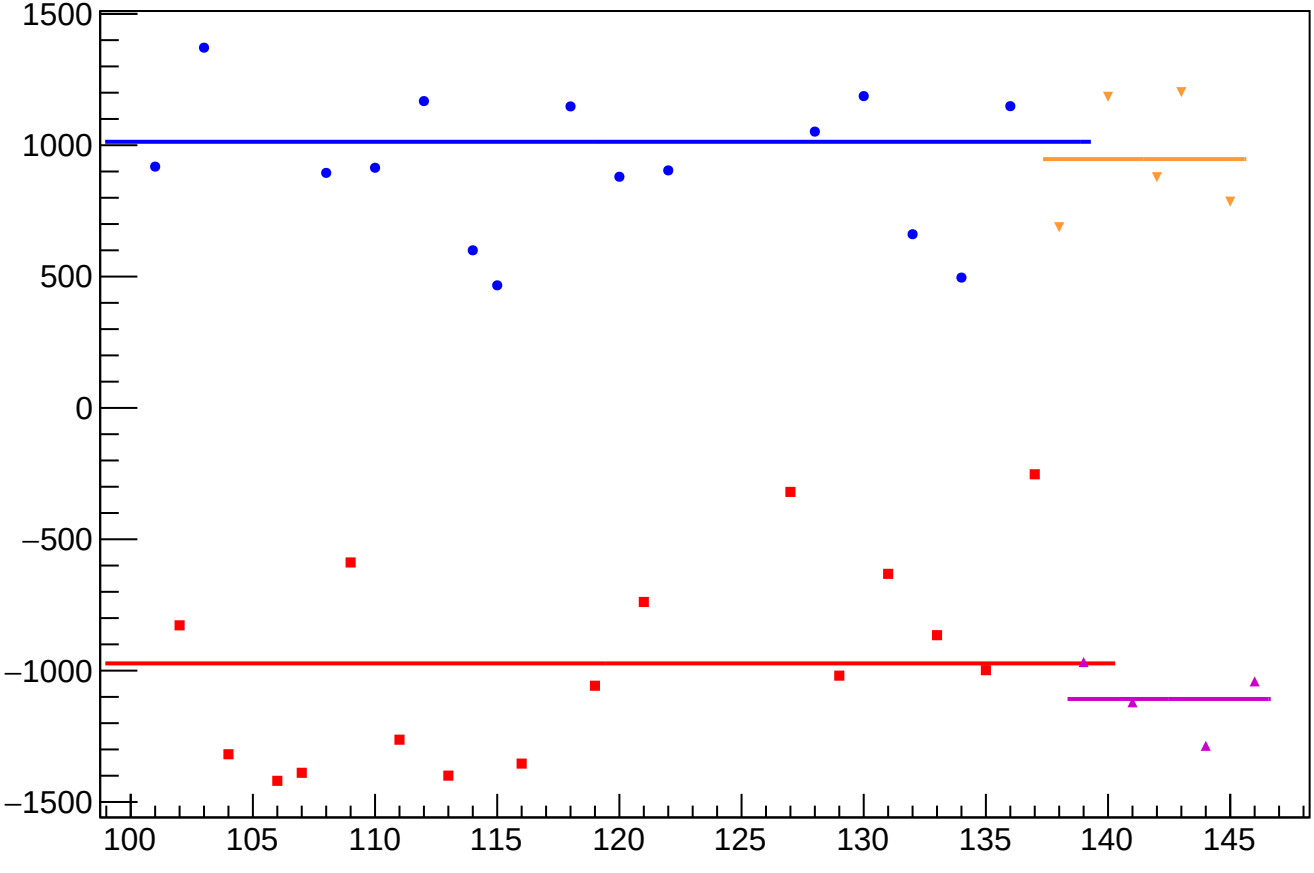
All: -38.967+/-0.000 χ^2/NDF: 310196457152

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.846+/-0.000 χ^2/NDF: 7615289254275066
Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14
Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683
Left Out: 299.686+/-0.000 χ^2/NDF:1269386657799303162776302892680740864.0/4
In: 660.410+/-0.000 χ^2/NDF:2323485571223125
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15
Out: -560.305+/-0.000 χ^2/NDF:132968146924135
Left In: -350.409+/-0.000 χ^2/NDF:1808667948726205366102386853271306240.0/3
All: 39.718+/-0.000 χ^2/NDF: 4401005080937

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

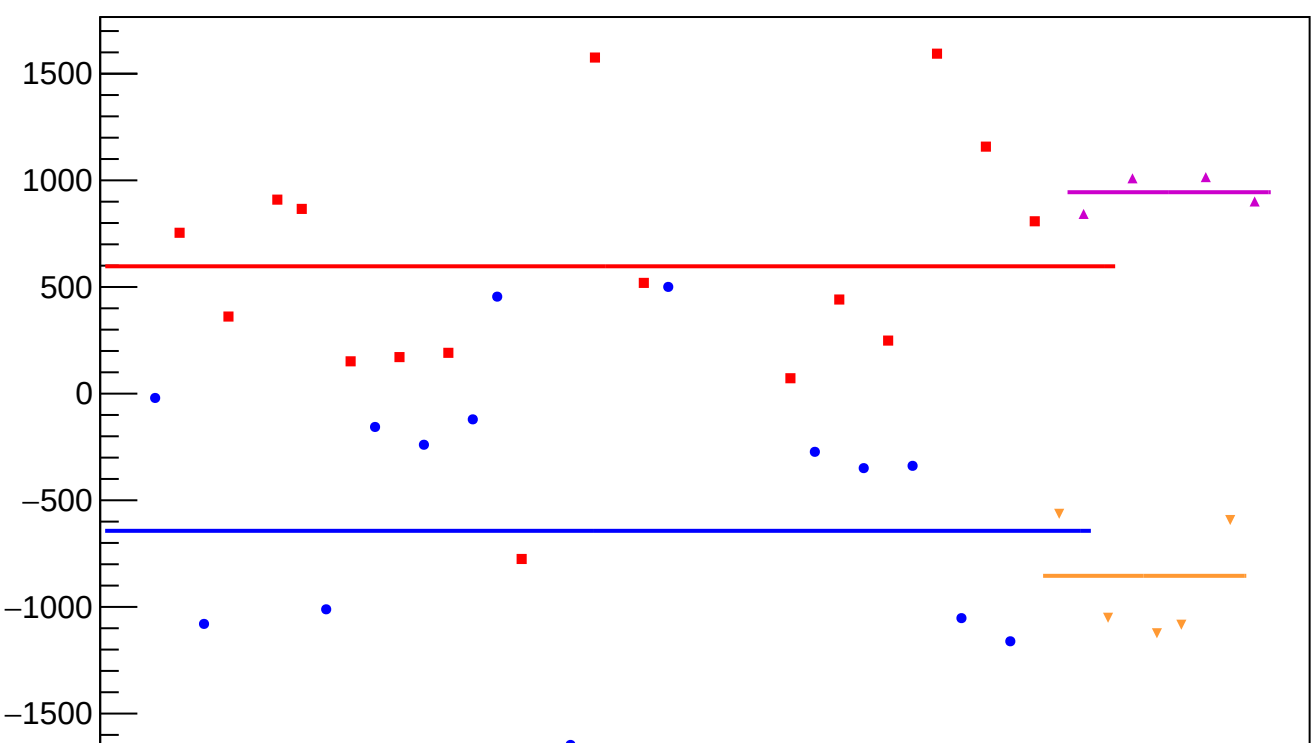
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

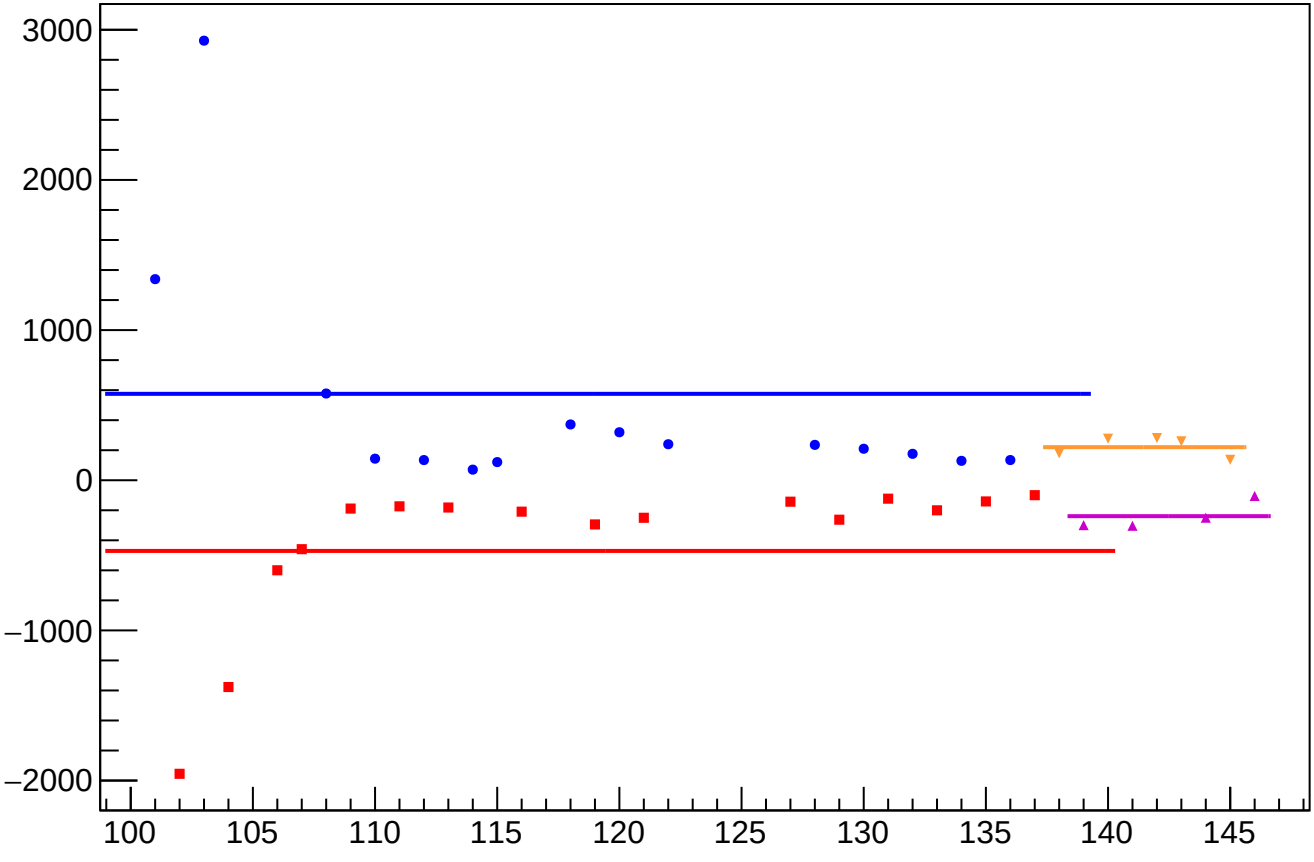
All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_sam3_coil6_mean vs Slug, Sign Corrected



Left: 24.298+/-0.000 χ^2/NDF: 5832822078033755
Right In: -643.217+/-0.000 χ^2/NDF: 272726964608206694027285159784925364224.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -854.182+/-0.000 χ^2/NDF:221648007943178385511173625757082583 04.0/4
In: -99.547+/-0.000 χ^2/NDF:8346936398922963
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: 93.876+/-0.000 χ^2/NDF:7199474523694690
Left In: 944.363+/-0.000 χ^2/NDF:1801900396873795828992291653302616064.0/3
All: -1.198+/-0.000 χ^2/NDF: 1573416715753

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -4.188+/-0.000 χ^2/NDF: 39896804221209044

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510

Left Out: 220.258+/-0.000 χ^2/NDF:1237007781455918681927736750292074496.0/4

In: 296.501+/-0.000 χ^2/NDF:5823763975932788

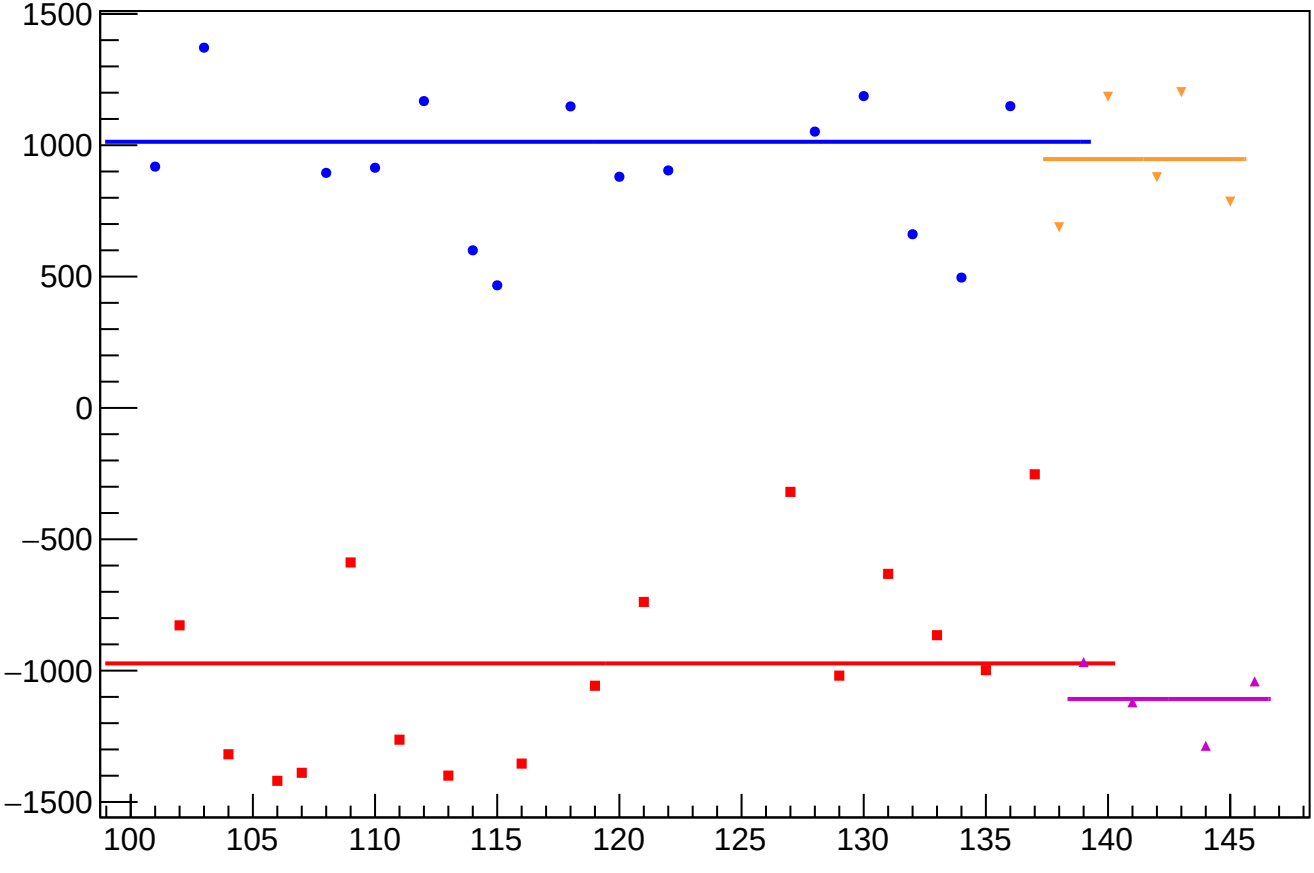
Right Out: -470.716+/-0.000 χ^2/NDF: 2093106042918682198060737687645124034 56.0/15

Out: -231.142+/-0.000 χ^2/NDF:320962225375398

Left In: -239.259+/-0.000 χ^2/NDF:2149332918925522220502873052658270208.0/3

All: 28.212+/-0.000 χ^2/NDF: 1043059162308

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

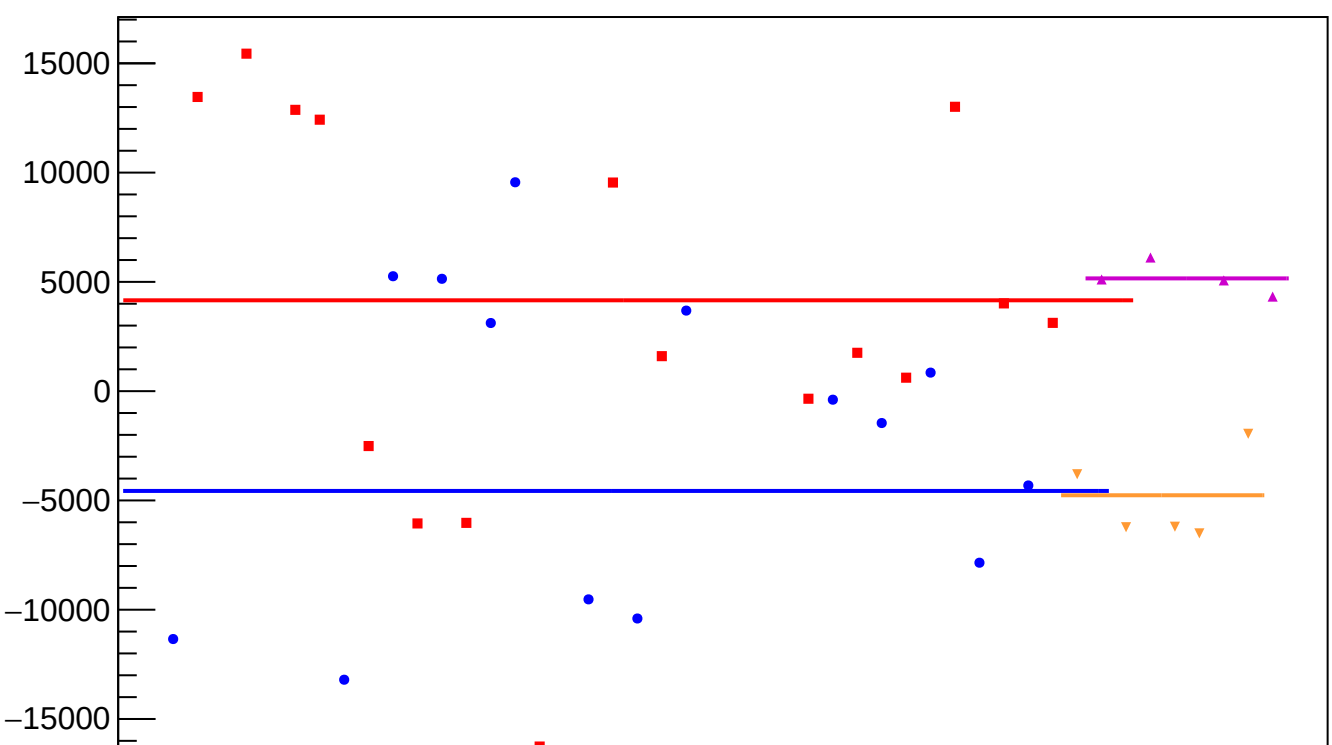
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

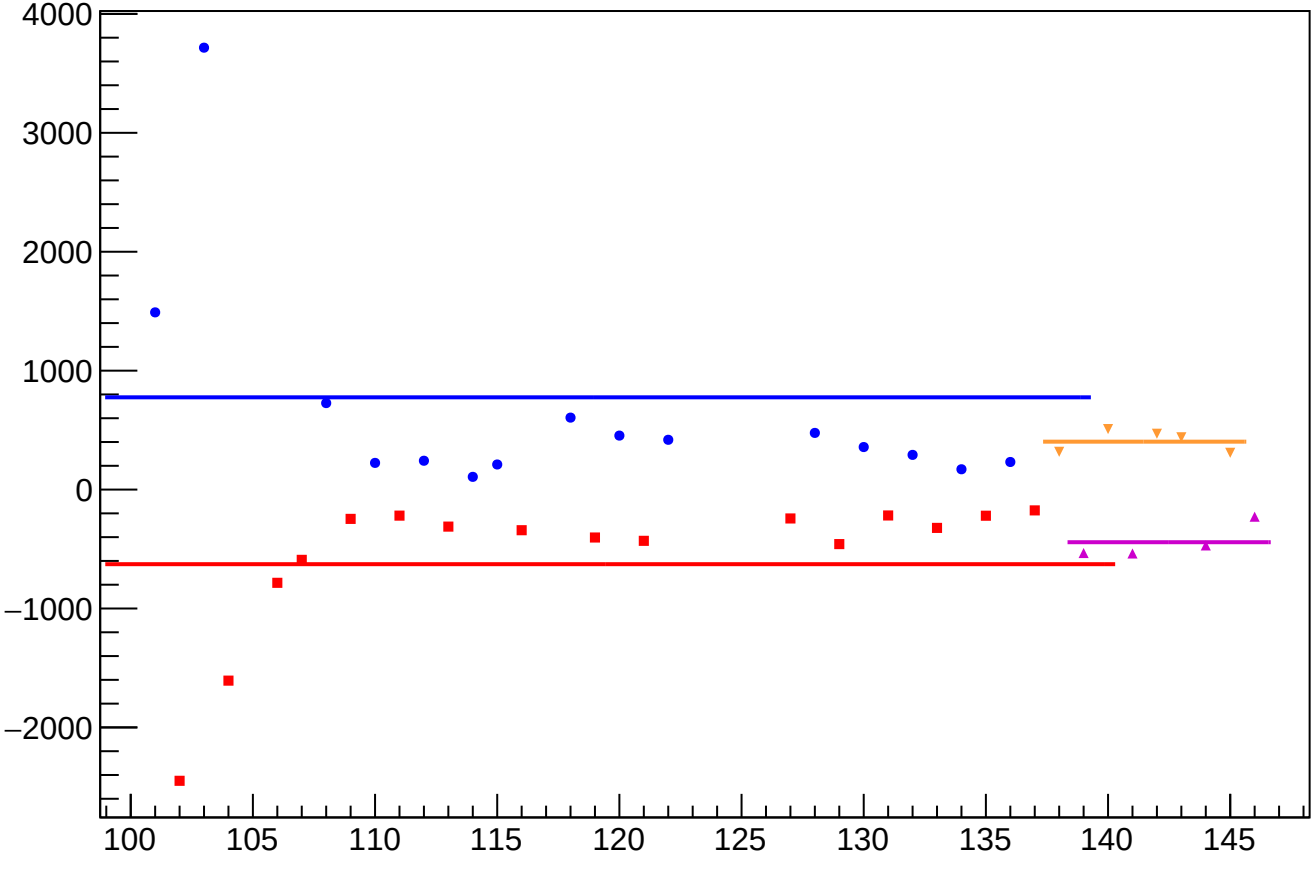
All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 83.143+/-0.000 χ^2/NDF: 1834767590517561
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -4763.500+/-0.000 χ^2/NDF:11870615835898576313562444596771689594 88.0/4
In: -1235.196+/-0.000 χ^2/NDF:568218004649453
Right Out: 4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15
Out: 1064.002+/-0.000 χ^2/NDF:651286428501812
Left In: 5159.213+/-0.000 χ^2/NDF:1361019427862611509509515687022360002 56.0/3
All: -66.132+/-0.000 χ^2/NDF: 124603410954

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -10.062+/-0.000 χ^2/NDF: 1314169580674046

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 402.918+/-0.000 χ^2/NDF:2489218493362644715545805760369786880.0/4

In: 358.576+/-0.000 χ^2/NDF:9771154282265657

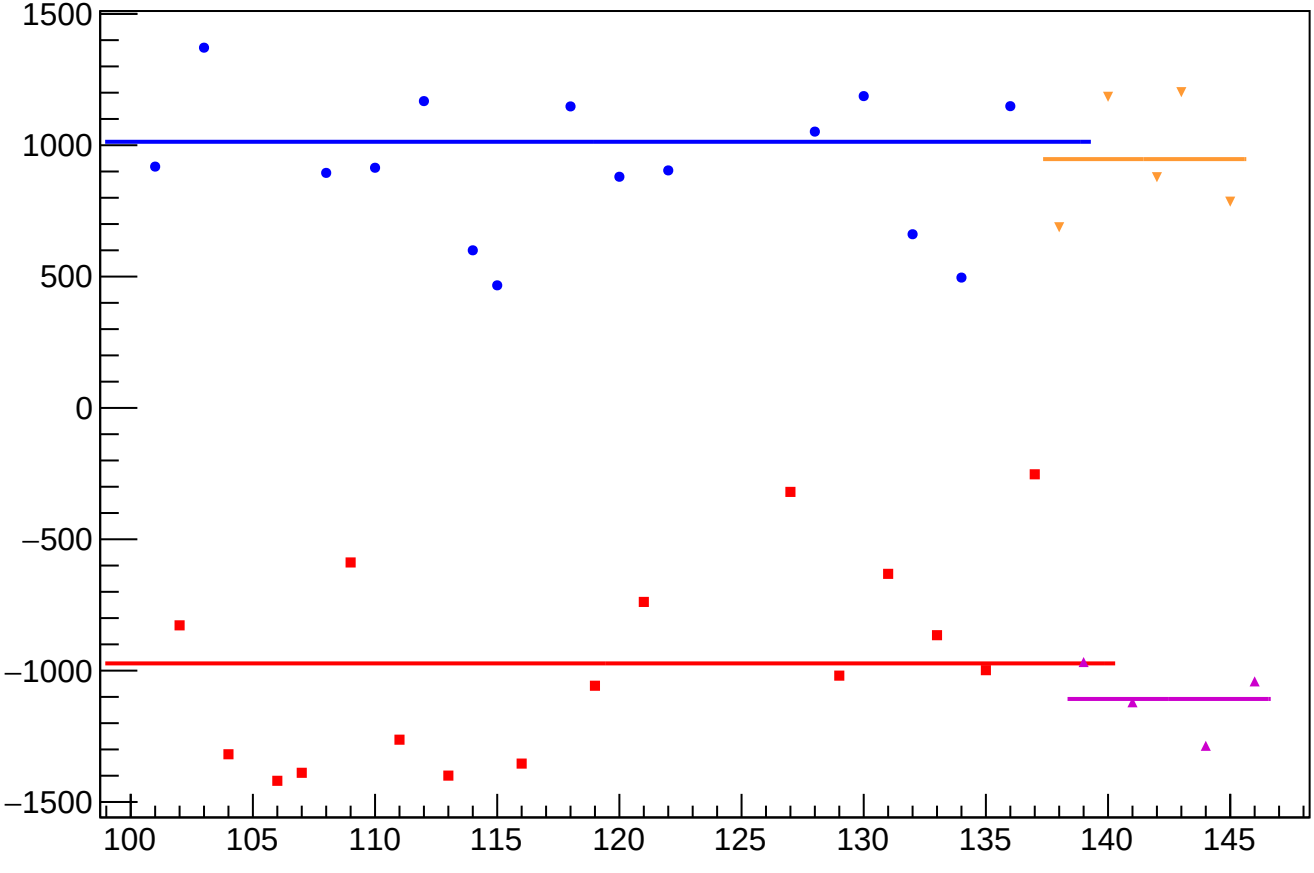
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -270.113+/-0.000 χ^2/NDF:545463135277282

Left In: -442.591+/-0.000 χ^2/NDF:5318511237716983149310587102132436992.0/3

All: 38.909+/-0.000 χ^2/NDF: 1720937117243

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

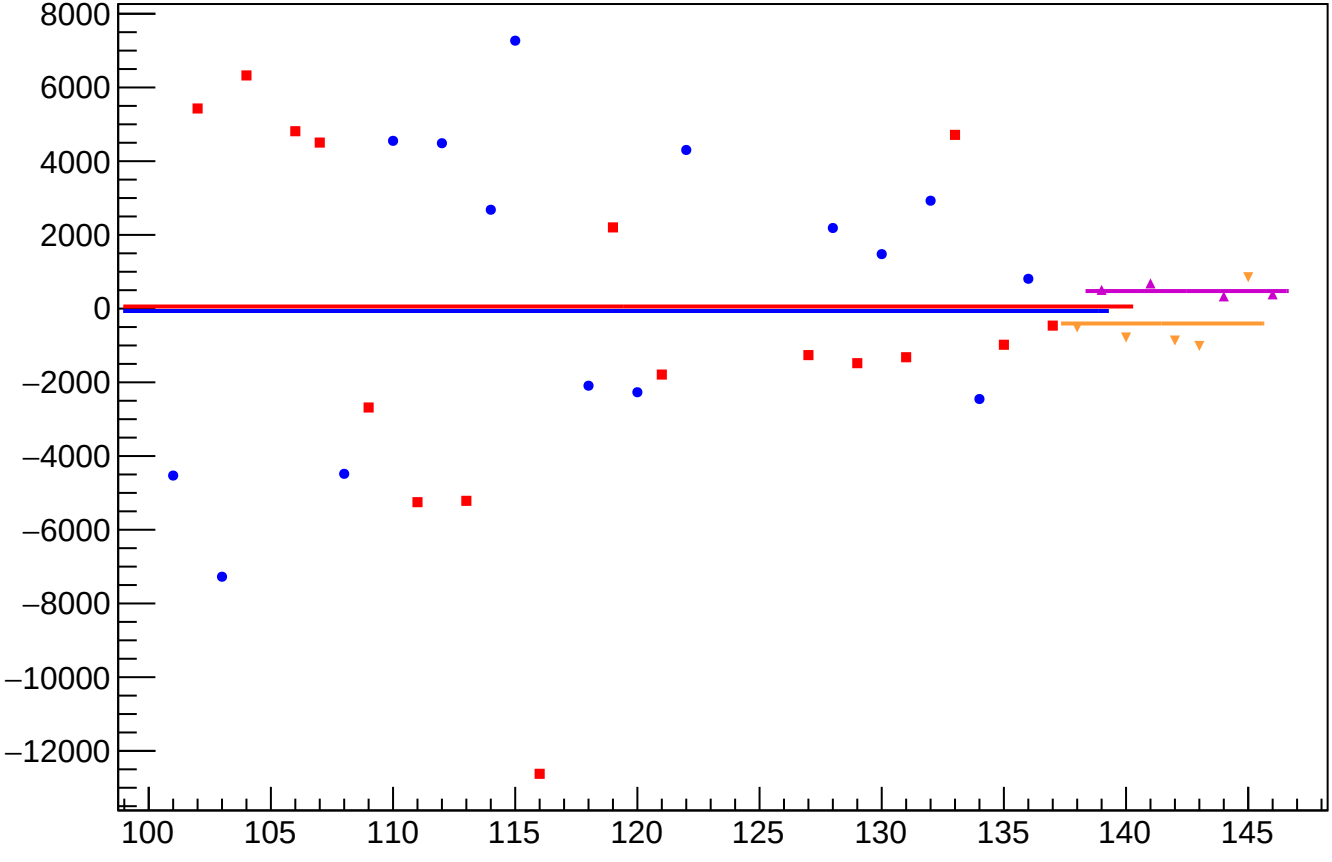
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

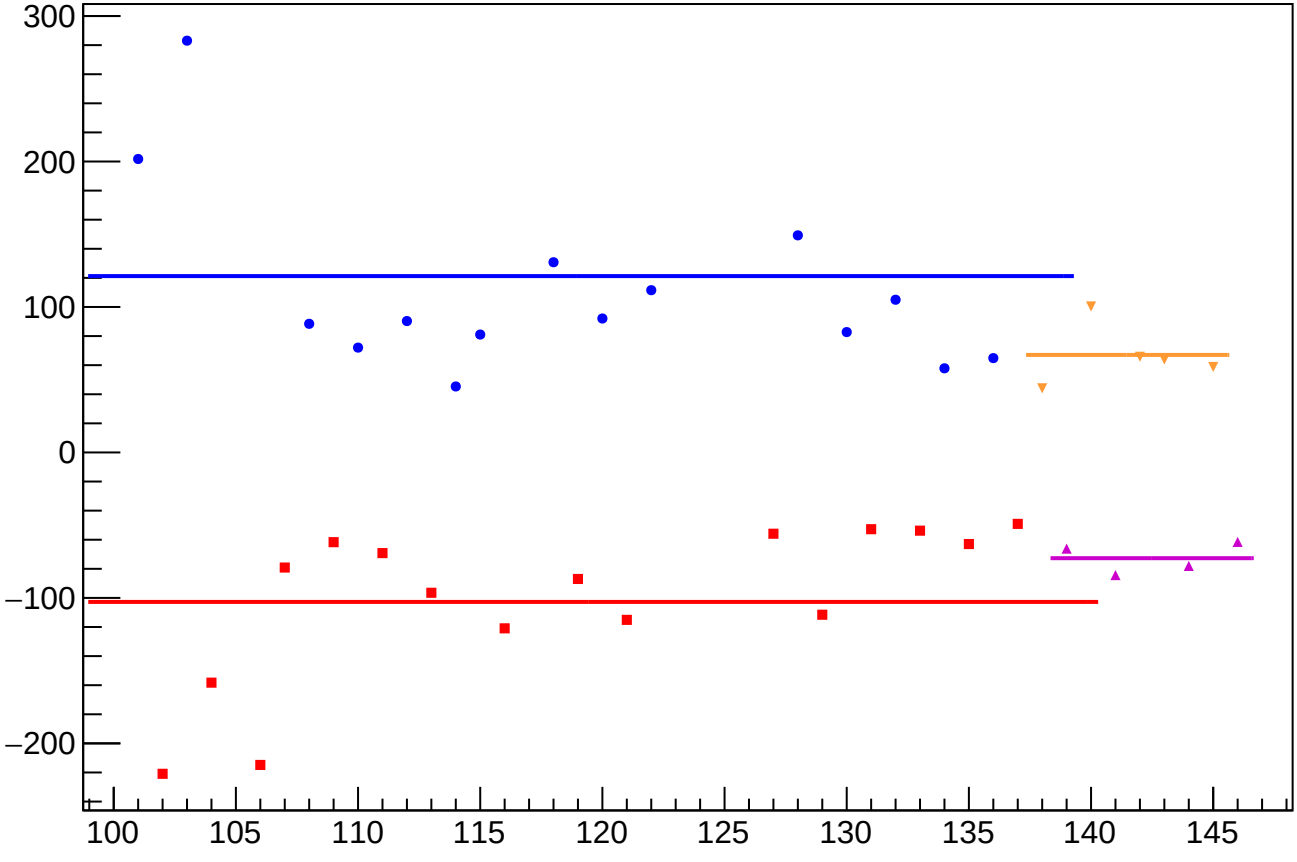
All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_sam5_coil6_mean vs Slug, Sign Corrected



Left: 26.106+/-0.000 χ^2/NDF: 3152785180686016
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -403.925+/-0.000 χ^2/NDF:175004251271916438881041235738865172480.0/4
In: 120.599+/-0.000 χ^2/NDF:9685578249693075
Right Out: 57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779 79904.0/15
Out: -102.662+/-0.000 χ^2/NDF:140051439410690
Left In: 476.493+/-0.000 χ^2/NDF:624742429205977968201220792437335654 4.0/3
All: 7.078+/-0.000 χ^2/NDF: 2371573748832

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Left: -1.206+/-0.000 χ^2/NDF: 35424356742298259

Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068

Left Out: 67.045+/-0.000 χ^2/NDF:1384417625602301140060816154694778 88.0/4

In: 54.821+/-0.000 χ^2/NDF:11108486370383002 5

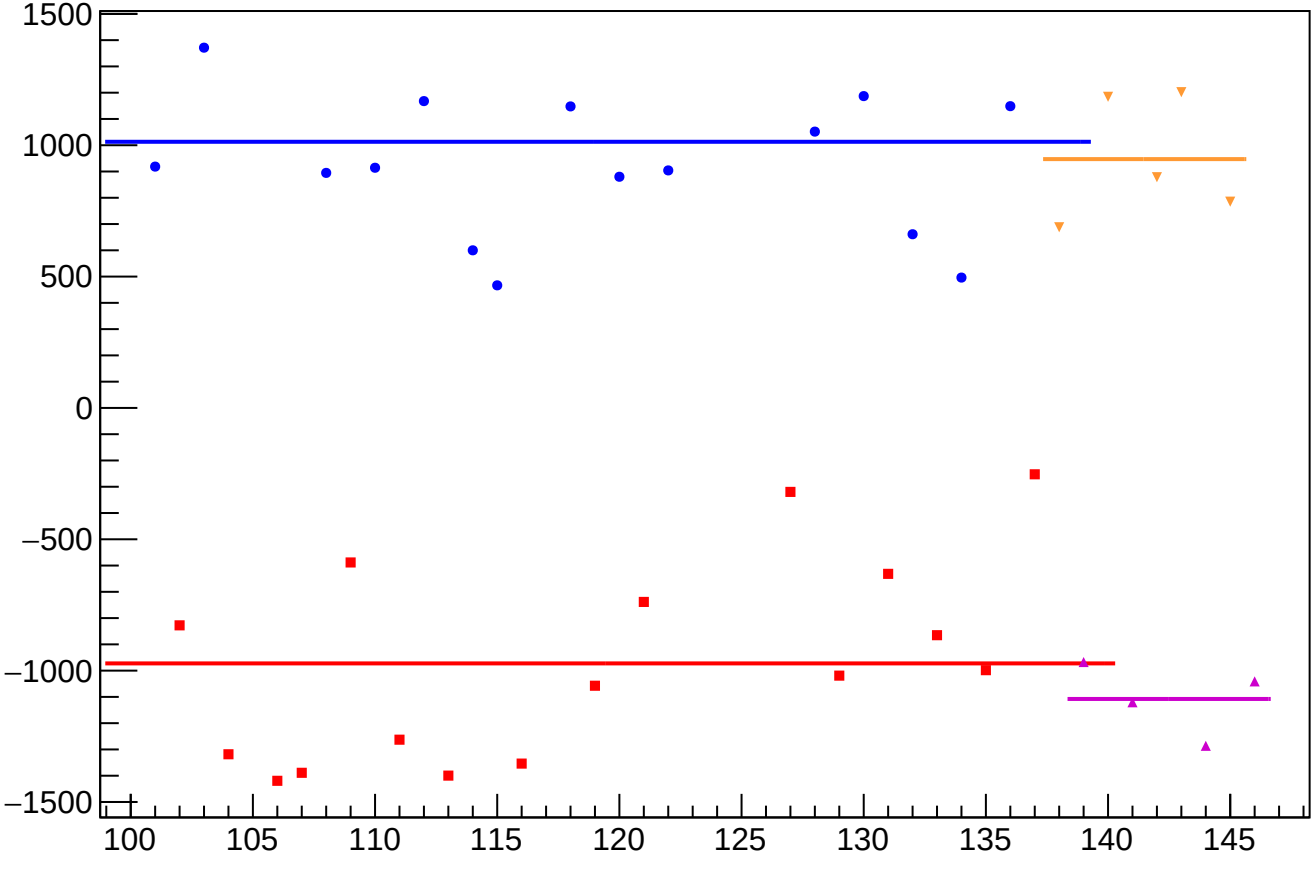
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

Out: -43.878+/-0.000 χ^2/NDF:8773390541825899

Left In: -72.689+/-0.000 χ^2/NDF:278820335234520901653566951113359 36.0/3

All: 4.636+/-0.000 χ^2/NDF: 2477068482983 5

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

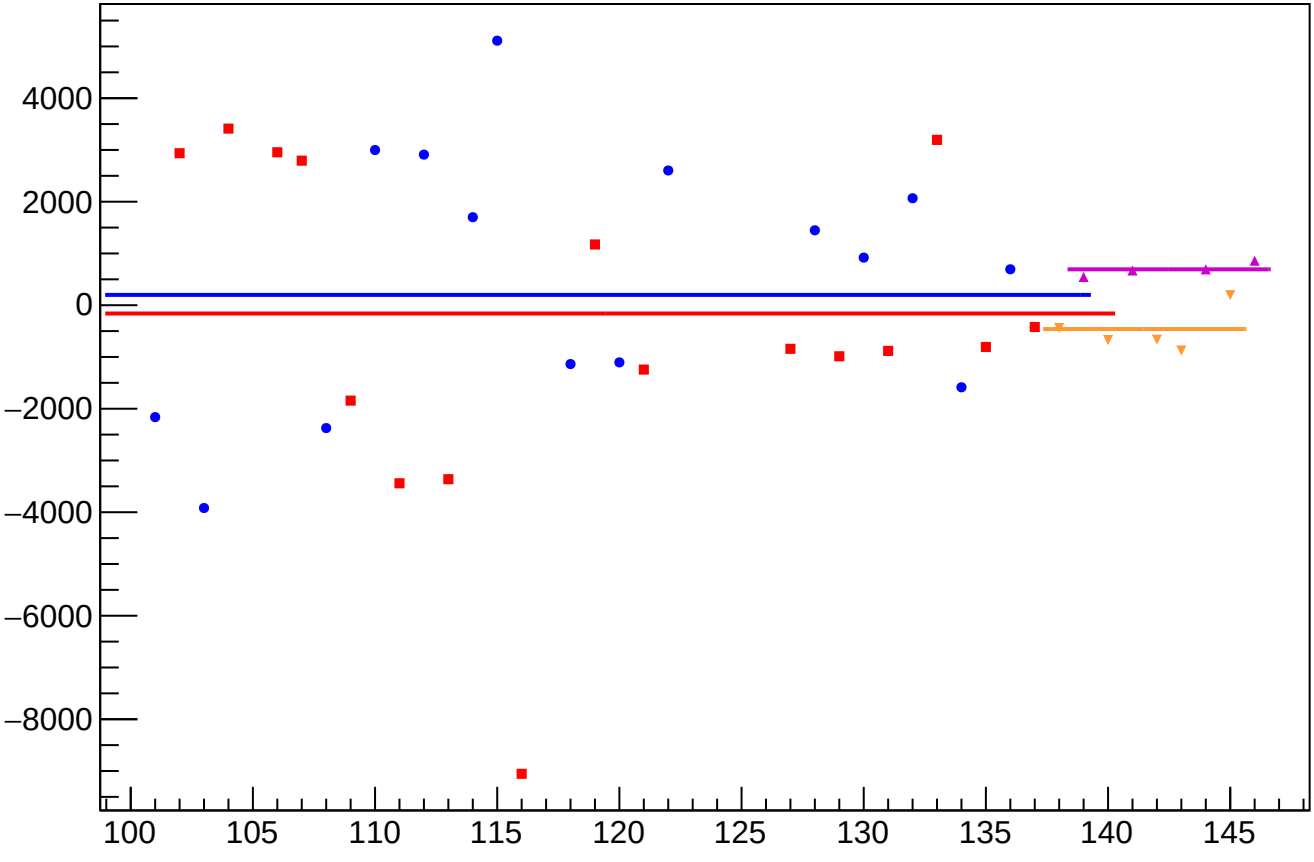
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: 102.959+/-0.000 χ^2/NDF: 2862498861661048

Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -460.553+/-0.000 χ^2/NDF:5198863480137060659378608981312064716 8.0/4

In: 368.553+/-0.000 χ^2/NDF:3326436043965208 7

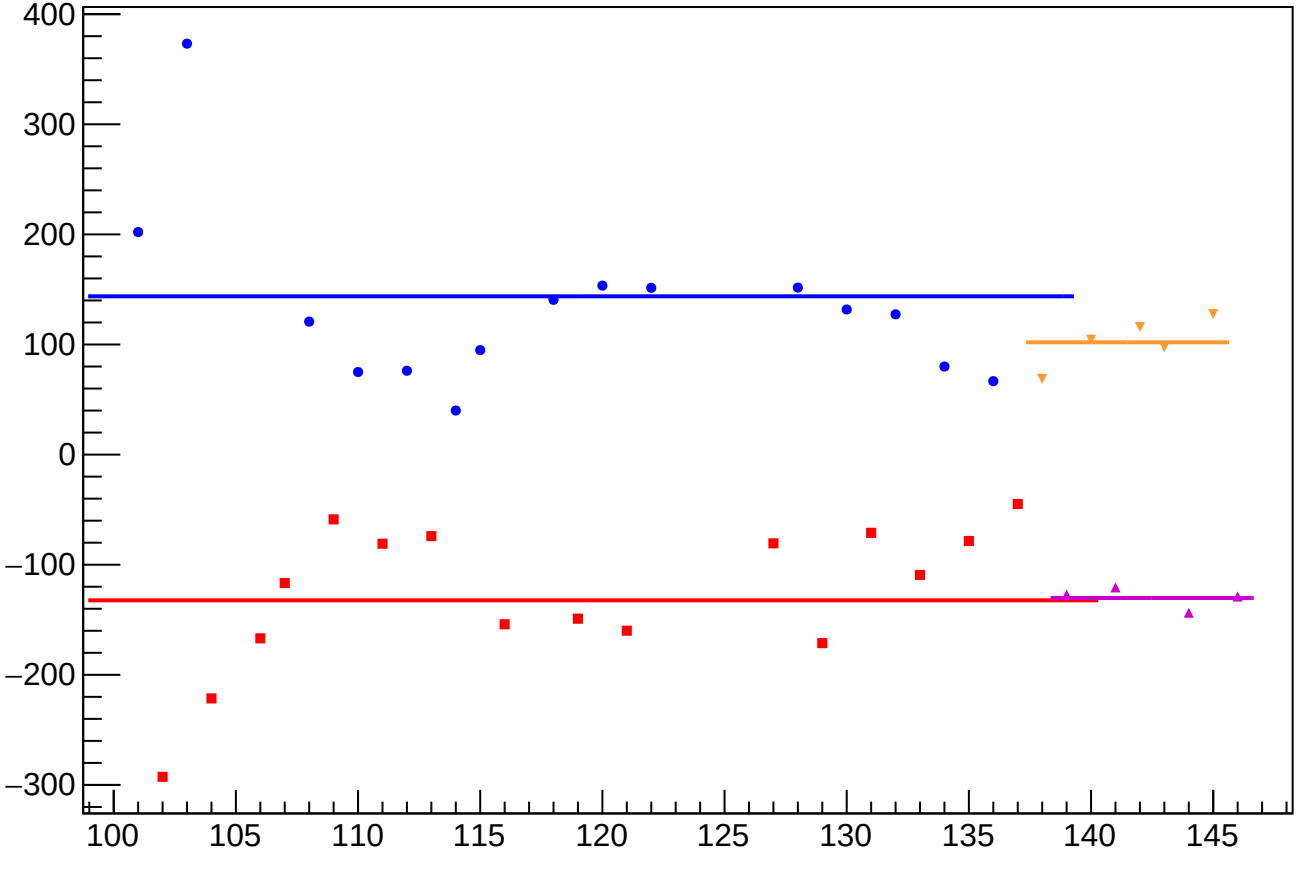
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -264.542+/-0.000 χ^2/NDF:575338457125317

Left In: 693.147+/-0.000 χ^2/NDF:4117234176557455625014493617749753856.0/3

All: 46.645+/-0.000 χ^2/NDF: 928096889858 6

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -11.427+/-0.000 χ^2/NDF: 9496718653207943

Right In: 143.764+/-0.000 χ^2/NDF: 4514785869565777849900508591821946880.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 101.985+/-0.000 χ^2/NDF:1499795935455759650728566651524997120.0/4

In: 49.942+/-0.000 χ^2/NDF:21221736684520028

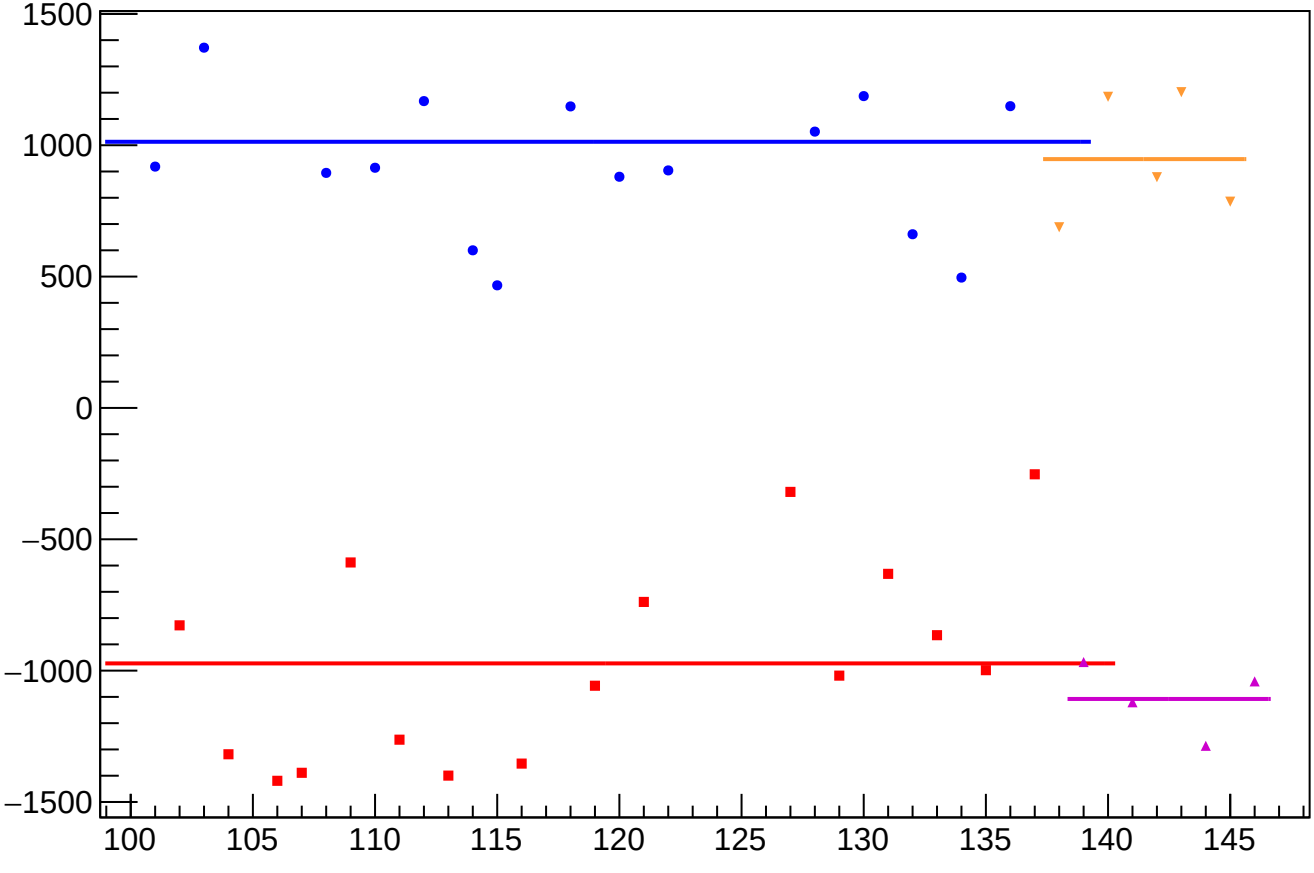
Right Out: -132.341+/-0.000 χ^2/NDF: 3174087908796245287682359914282352640.0/15

Out: -51.096+/-0.000 χ^2/NDF:1602228233143429

Left In: -130.208+/-0.000 χ^2/NDF:2469086398290386477553123492836147 2.0/3

All: -1.432+/-0.000 χ^2/NDF: 4236721261267

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

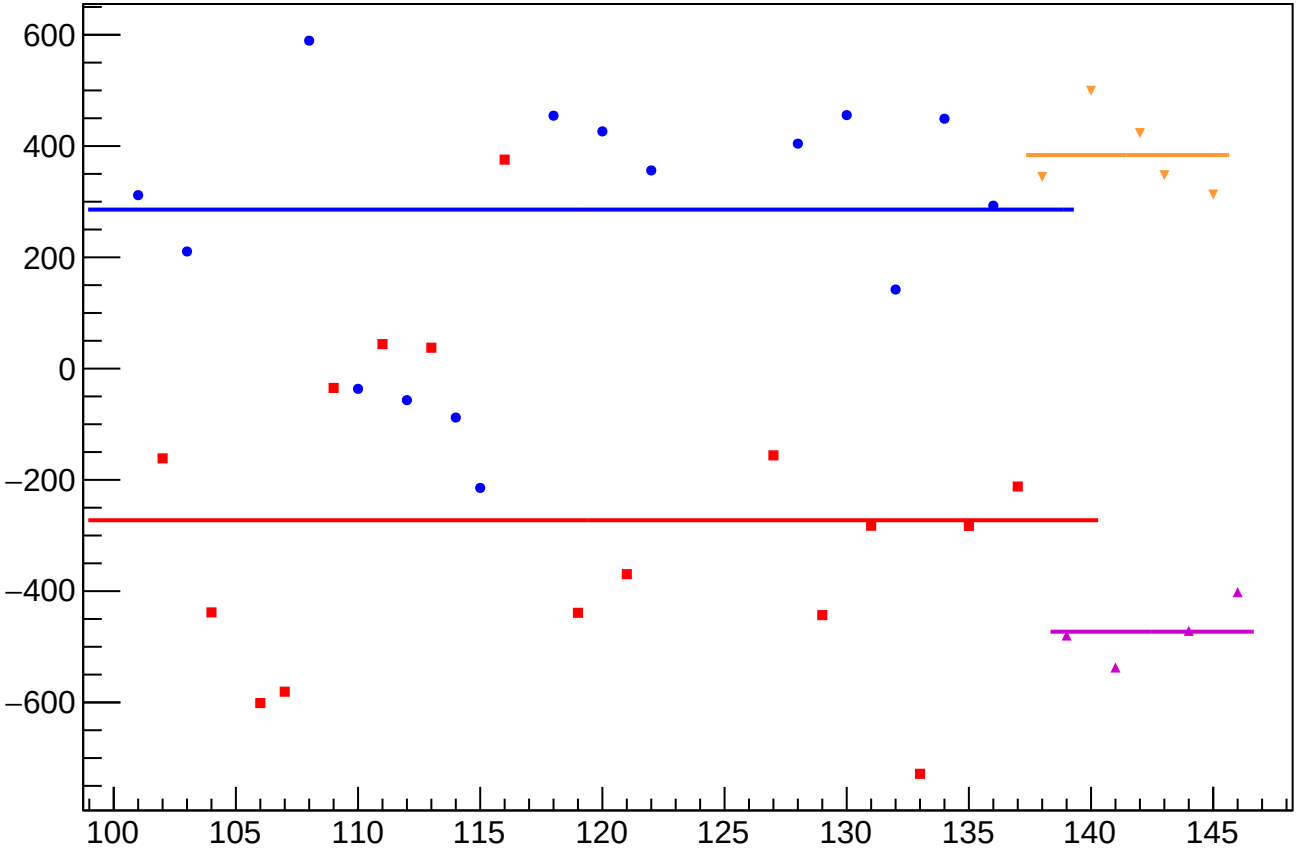
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

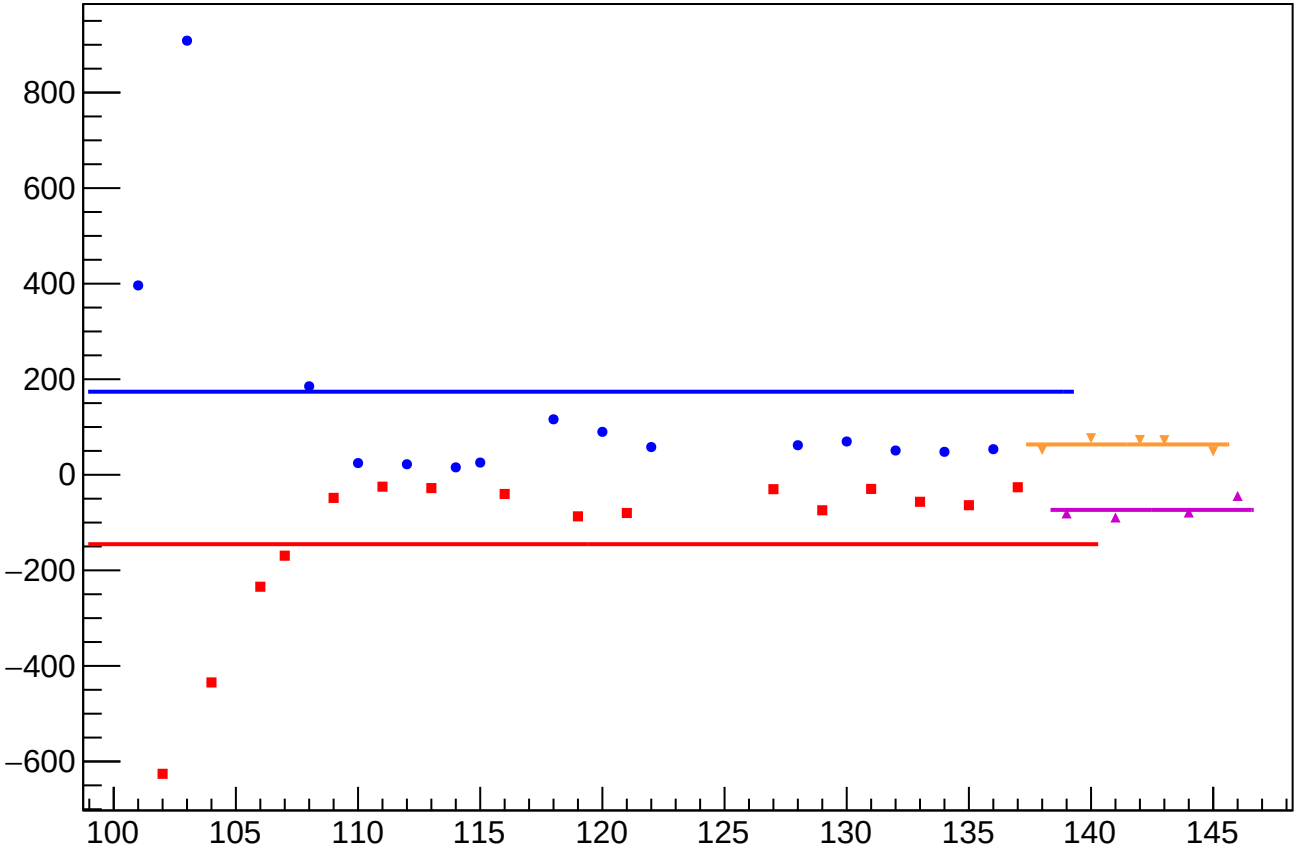
All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_sam7_coil6_mean vs Slug, Sign Corrected



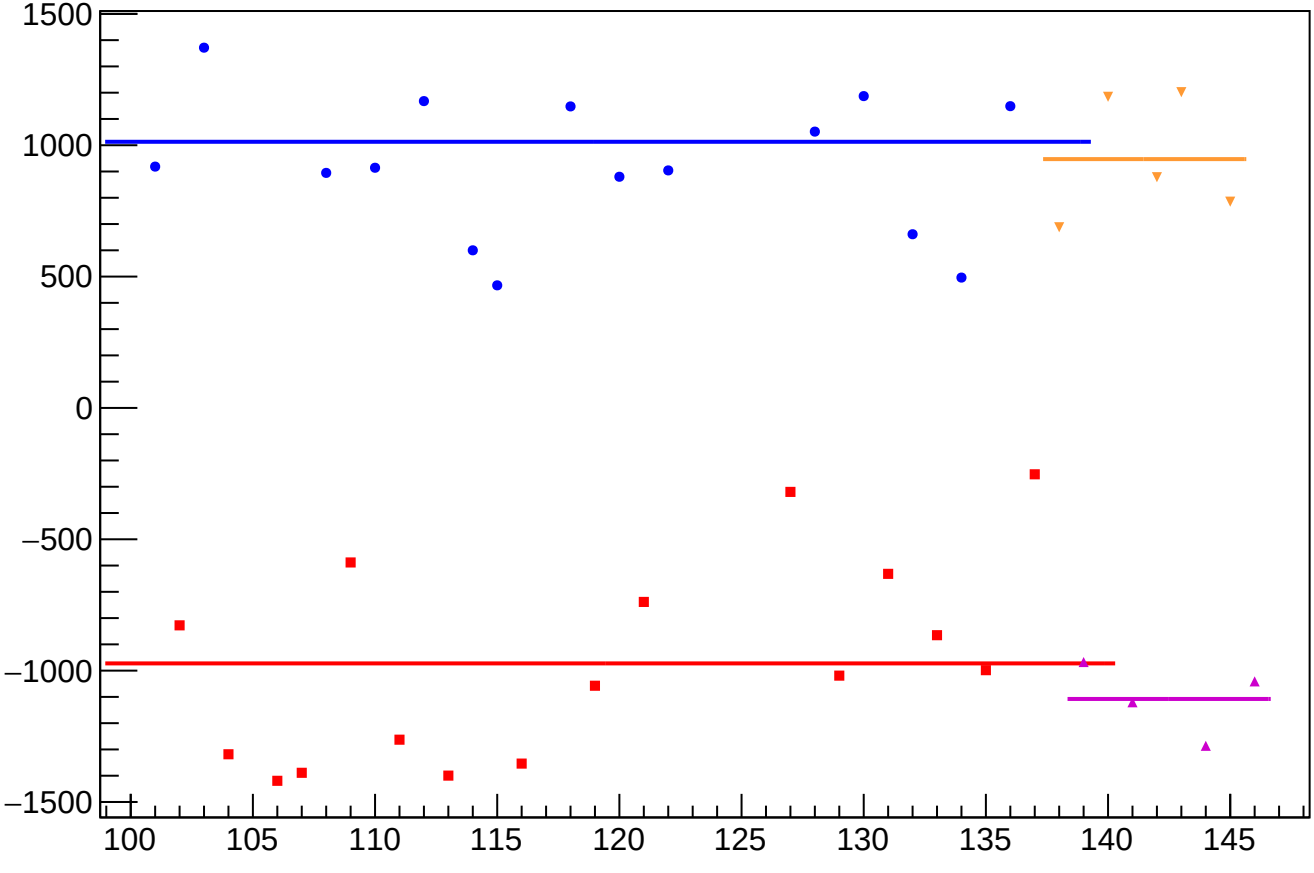
Left: -34.549+/-0.000 χ^2/NDF: 1294975175145616
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 17082276741945895
Left Out: 383.958+/-0.000 χ^2/NDF:17823043200953470787209145448241561 60.0/4
In: 26.030+/-0.000 χ^2/NDF:15282481114710221 3
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571 2768.0/15
Out: -44.919+/-0.000 χ^2/NDF:1456032402500781
Left In: -472.866+/-0.000 χ^2/NDF:7753661516566316336354012089506856 96.0/3
All: -10.045+/-0.000 χ^2/NDF: 300954266537

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -3.385+/-0.000 χ^2/NDF: 33943198453532148
Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14
Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637
Left Out: 63.520+/-0.000 χ^2/NDF:50749333467906651249918819977658368.0/4
In: 89.173+/-0.000 χ^2/NDF:55400251833298372
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15
Out: -72.851+/-0.000 χ^2/NDF:3265777199258395
Left In: -73.458+/-0.000 χ^2/NDF:99299938887792487629611256776753152.0/3
All: 6.789+/-0.000 χ^2/NDF: 10123259736832

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

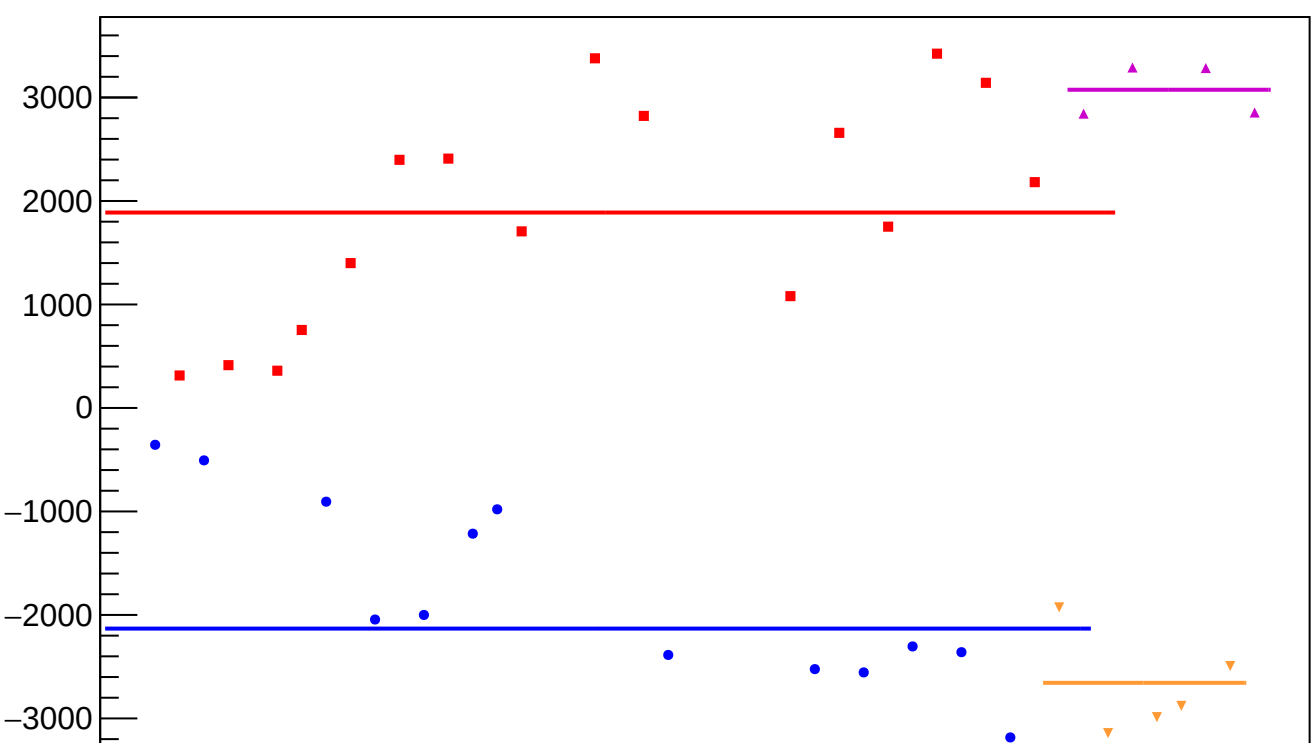
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

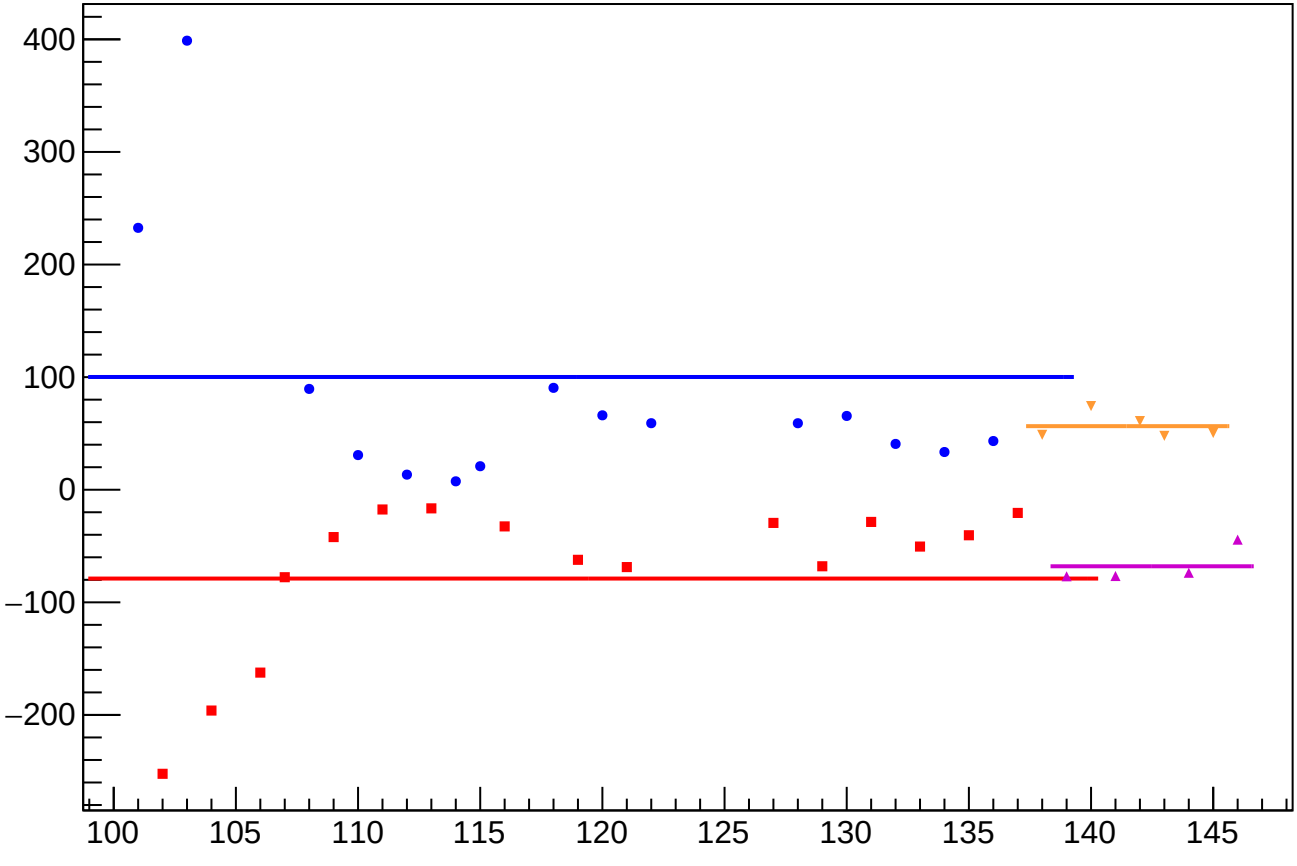
All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 143.190+/-0.000 χ^2/NDF: 576640877904555
Right In: -2131.905+/-0.000 χ^2/NDF: 722433384570495071131450661983670501376.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -2656.017+/-0.000 χ^2/NDF:713568590928048121578548523137446707 20.0/4
In: -348.823+/-0.000 χ^2/NDF:6764028632962757
Right Out: 1888.448+/-0.000 χ^2/NDF: 79198666555198069103271986261176981 9136.0/15
Out: 312.796+/-0.000 χ^2/NDF:563939311630069
Left In: 3074.904+/-0.000 χ^2/NDF:161719264594108139432076351304693186 56.0/3
All: -12.412+/-0.000 χ^2/NDF: 126231045003

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -4.317+/-0.000 χ^2/NDF: 27794588374110596

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 56.467+/-0.000 χ^2/NDF:39573895195825145802678448299180032.0/4

In: 42.565+/-0.000 χ^2/NDF:14157329635351556

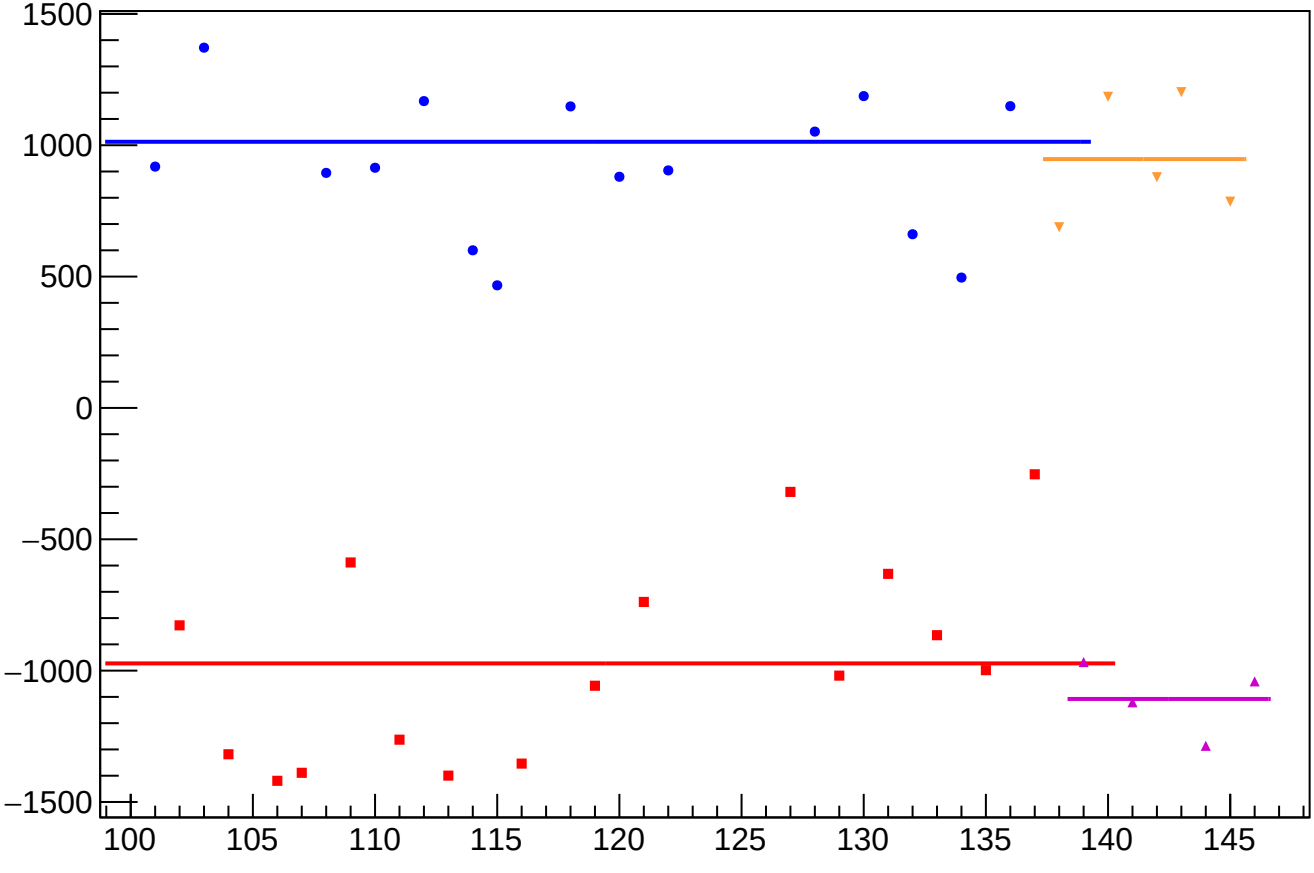
Right Out: -78.881+/-0.000 χ^2/NDF: 35251290784339012023043015129662750 72.0/15

Out: -31.953+/-0.000 χ^2/NDF:7801216785728365

Left In: -67.978+/-0.000 χ^2/NDF:62128136133259908679359914466869248.0/3

All: 4.675+/-0.000 χ^2/NDF: 2474530151079 3

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -56.568+/-0.000 χ^2/NDF: 7515601994612760

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: 947.169+/-0.000 χ^2/NDF:1656059789779901718441131796377 4230528.0/4

In: 286.818+/-0.000 χ^2/NDF:1036332436574966 6

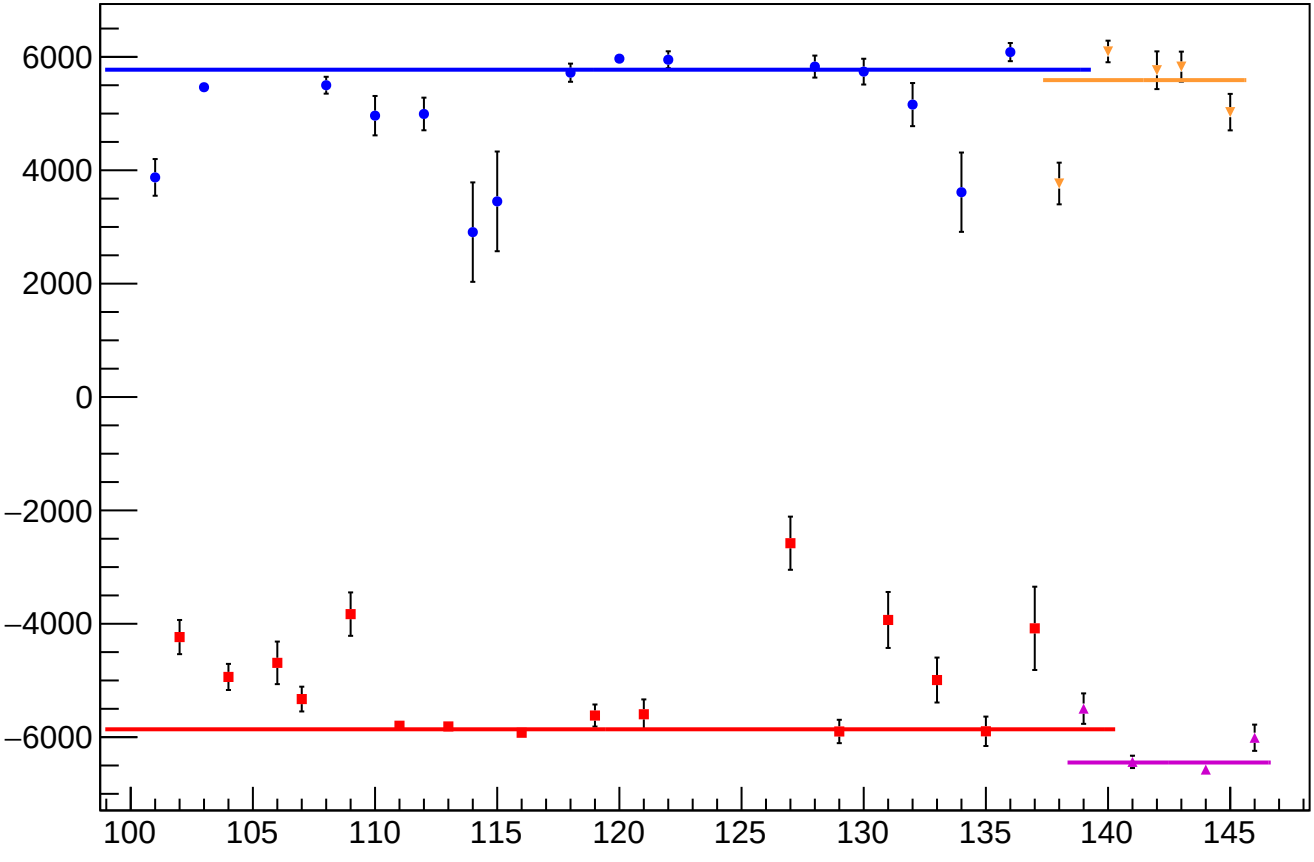
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -306.891+/-0.000 χ^2/NDF:947642716278453

Left In: -1107.820+/-0.000 χ^2/NDF:4814649577307381267656377641960734720.0/3

All: -15.063+/-0.000 χ^2/NDF: 216087453771

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5590.293+/-121.245 χ^2/NDF:35.8/4

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -6447.477+/-58.130 χ^2/NDF:18.9/3

Left: -4197.558+/-52.417 χ^2/NDF: 8069.8/8

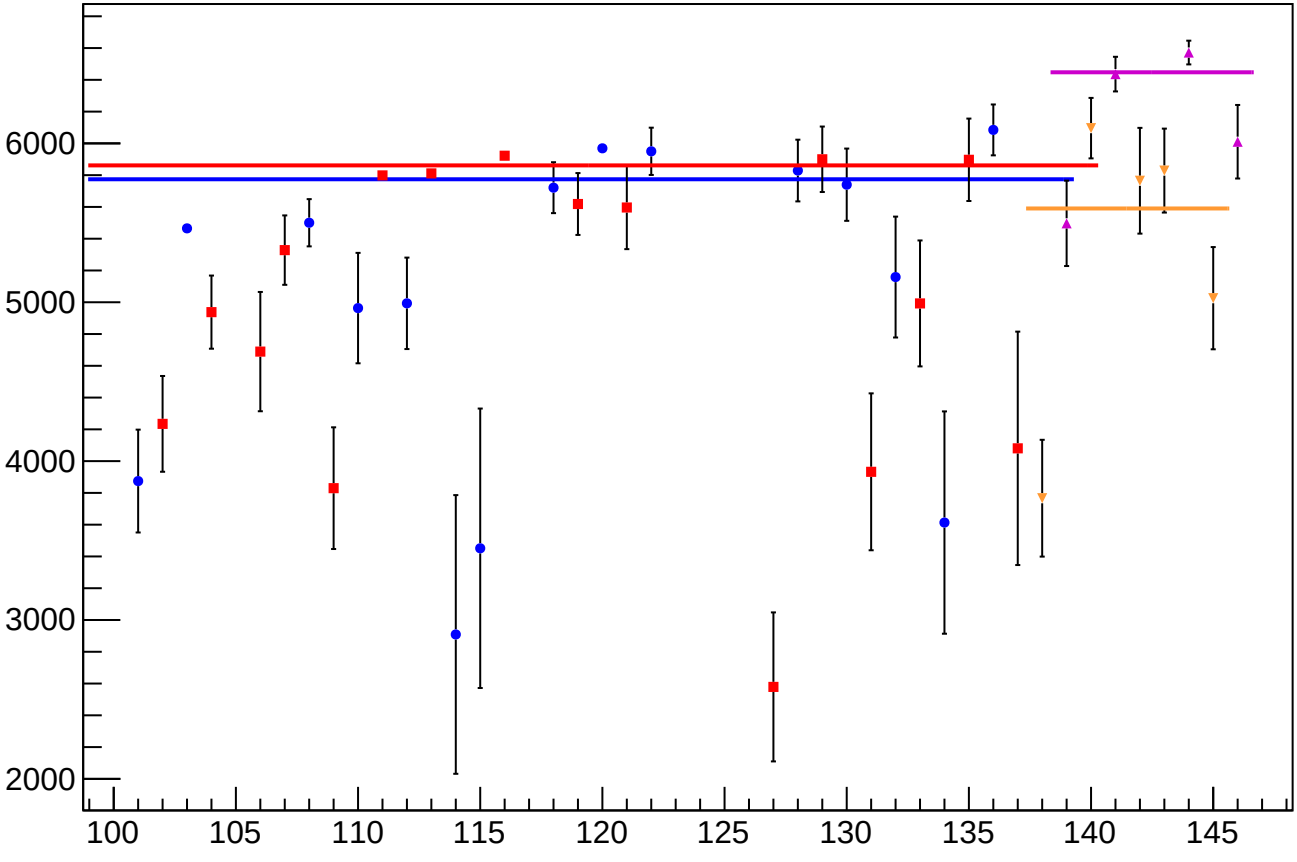
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: 5773.998+/-0.181 χ^2/NDF:1872747.7/18

Out: -5861.446+/-0.140 χ^2/NDF:188977.3/20

All: -1536.203+/-0.111 χ^2/NDF: 2585364878

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5590.293+/-121.245 χ^2/NDF:35.8/4

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6447.477+/-58.130 χ^2/NDF:18.9/3

Left: 6287.265+/-52.417 χ^2/NDF: 95.4/8

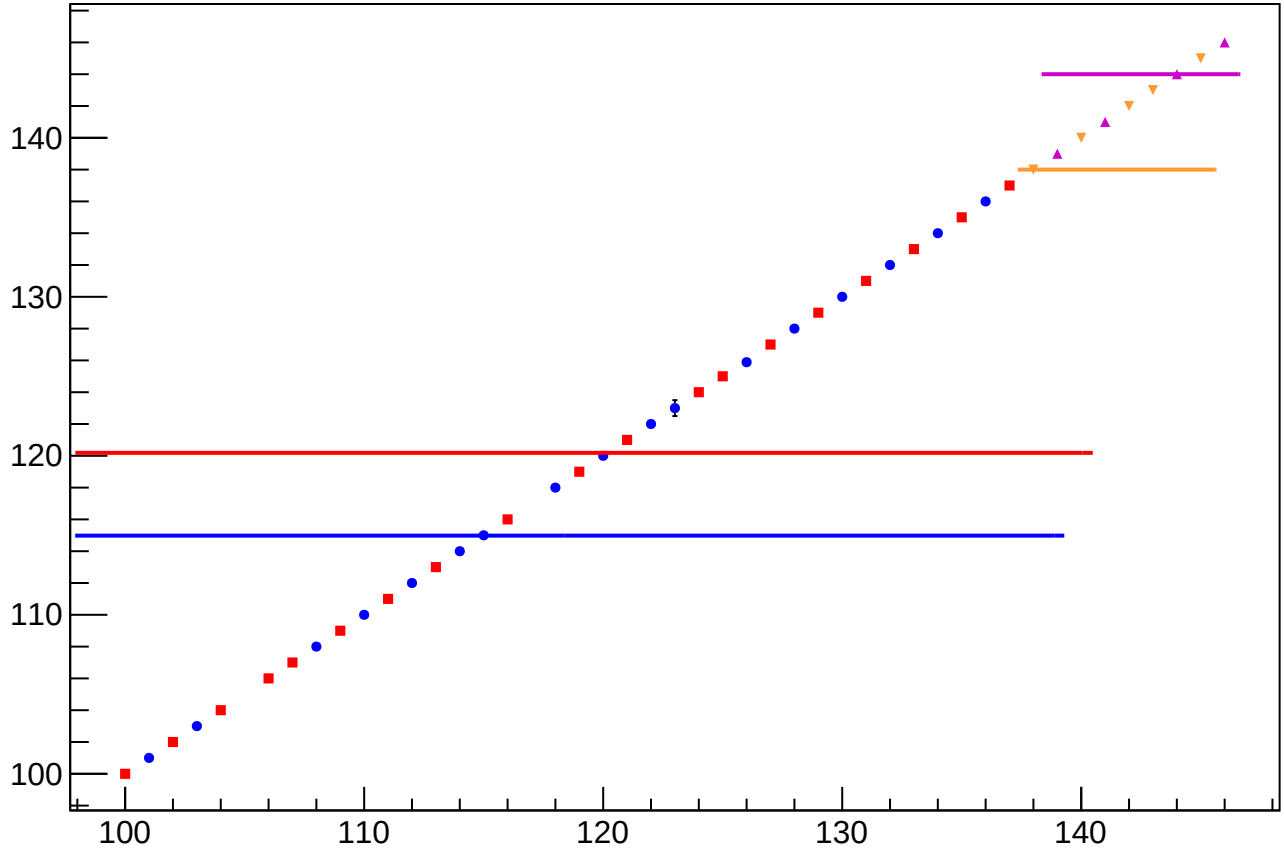
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 5774.123+/-0.181 χ^2/NDF:1828679.5/18

Out: 5861.461+/-0.140 χ^2/NDF:180061.3/20

All: 5828.995+/-0.111 χ^2/NDF: 2154290.1/39

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 138.000+/-0.000 χ^2/NDF:6785.0/4

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Left In: 144.000+/-0.000 χ^2/NDF:3122.0/3

Left: 141.200+/-0.000 χ^2/NDF: 1830170554079540

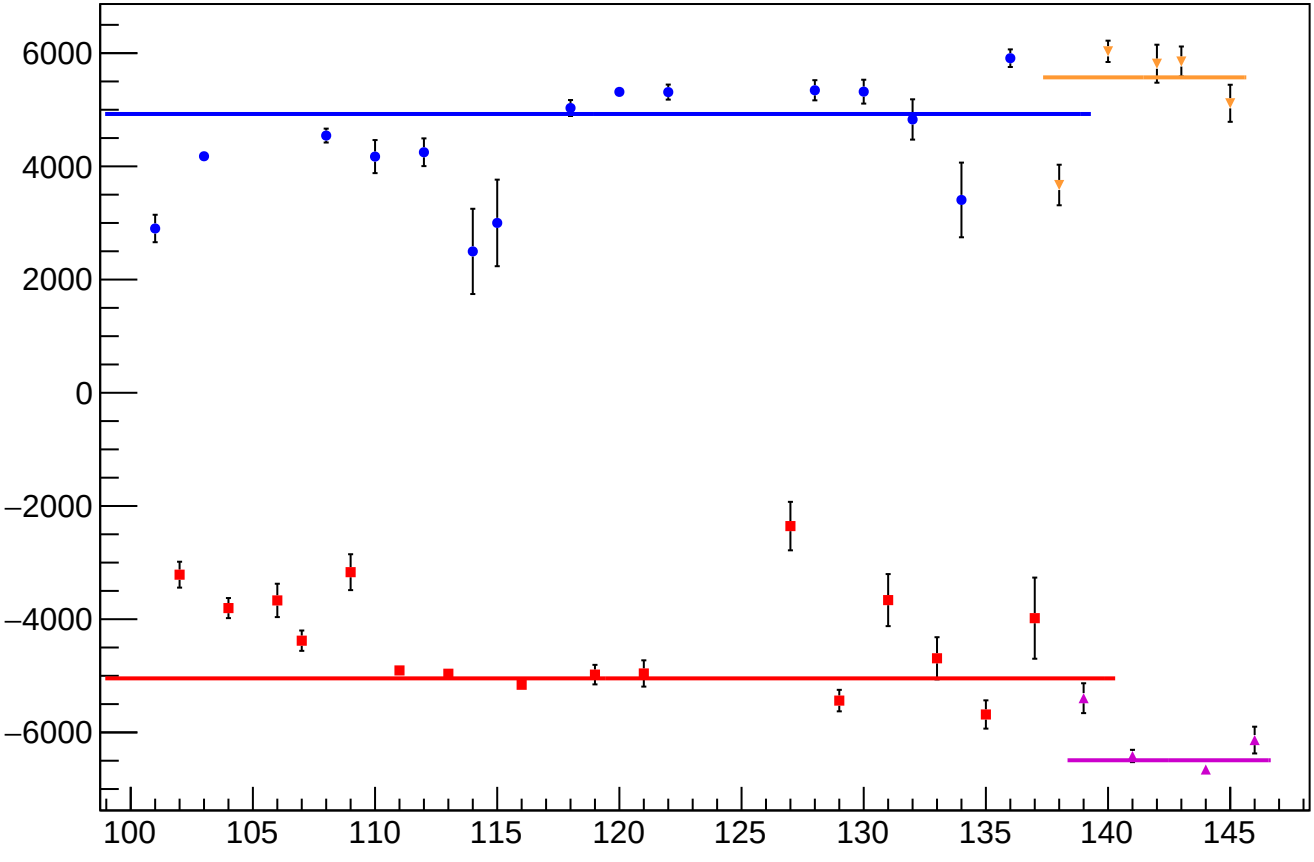
Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

In: 116.975+/-0.000 χ^2/NDF:1977822138445151

Out: 121.722+/-0.000 χ^2/NDF:798732859233595

All: 118.926+/-0.000 χ^2/NDF: 29233096299

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5572.145+/-120.908 χ^2/NDF:37.7/4

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -6491.872+/-58.556 χ^2/NDF:24.7/3

Left: -4199.868+/-52.701 χ^2/NDF: 8126.7/8

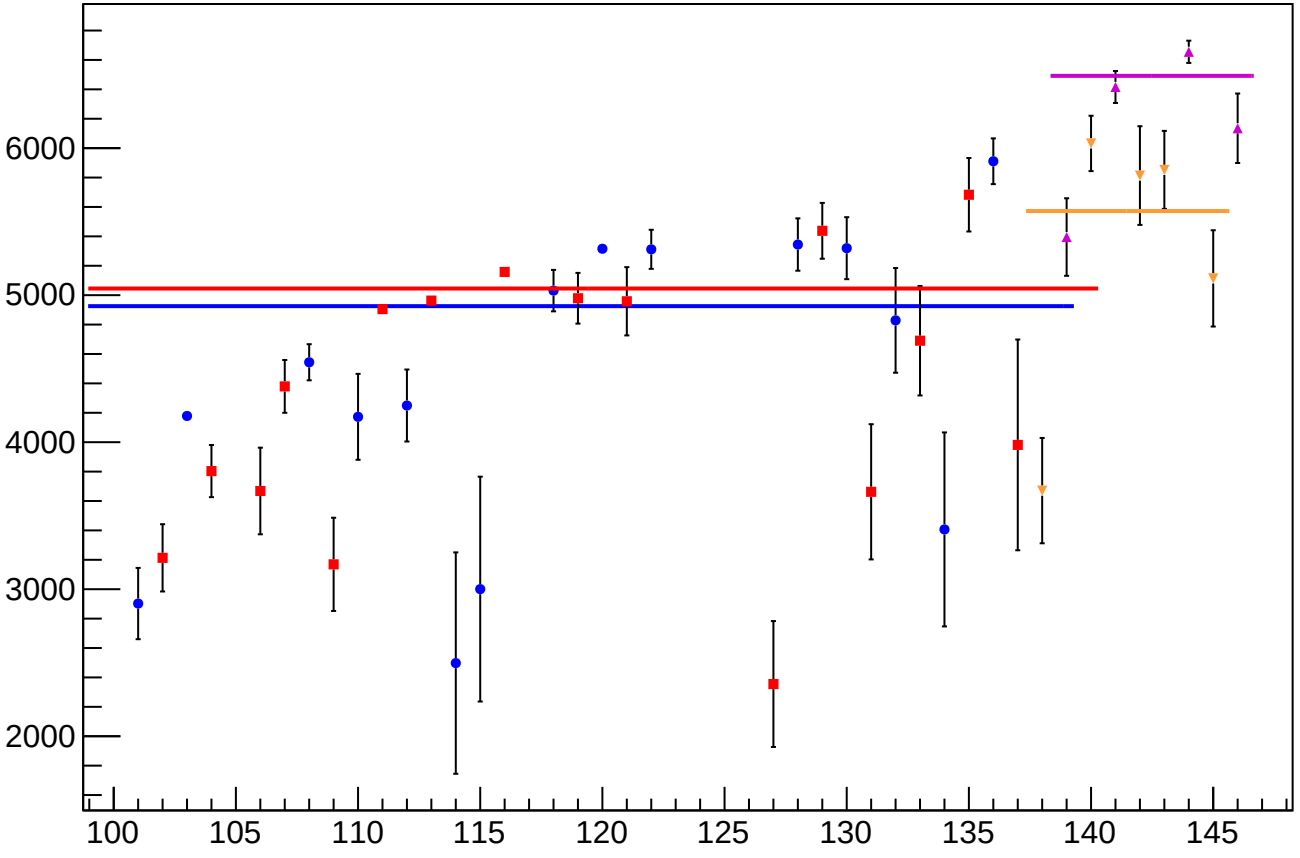
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: 4922.372+/-0.939 χ^2/NDF:369026.1/18

Out: -5044.897+/-0.668 χ^2/NDF:37928.6/20

All: -1694.777+/-0.544 χ^2/NDF: 75276668.9/

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5572.145+/-120.908 χ^2/NDF:37.7/4

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 6491.872+/-58.556 χ^2/NDF:24.7/3

Left: 6317.136+/-52.701 χ^2/NDF: 109.3/8

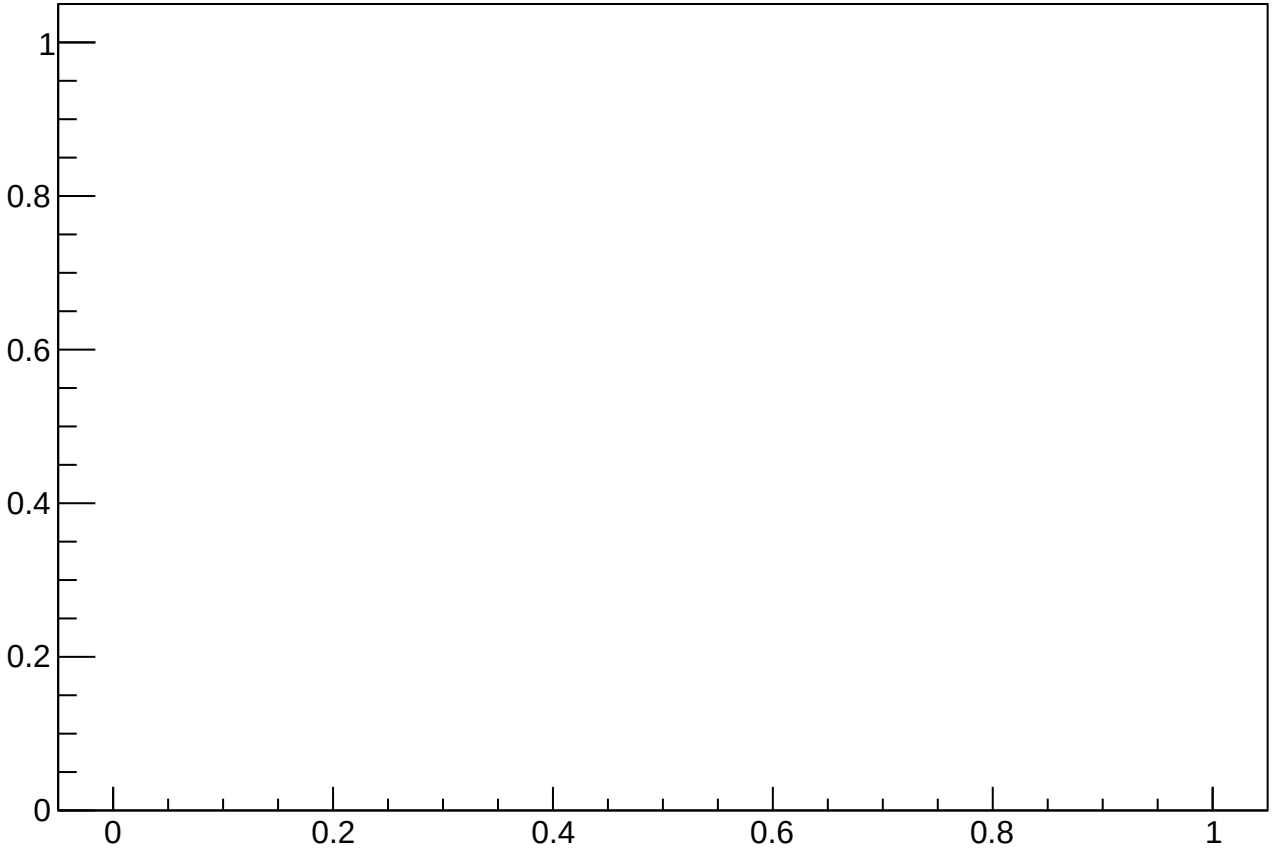
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 4925.708+/-0.939 χ^2/NDF:331734.8/18

Out: 5045.237+/-0.668 χ^2/NDF:30236.6/20

All: 5005.062+/-0.544 χ^2/NDF: 372738.7/39

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

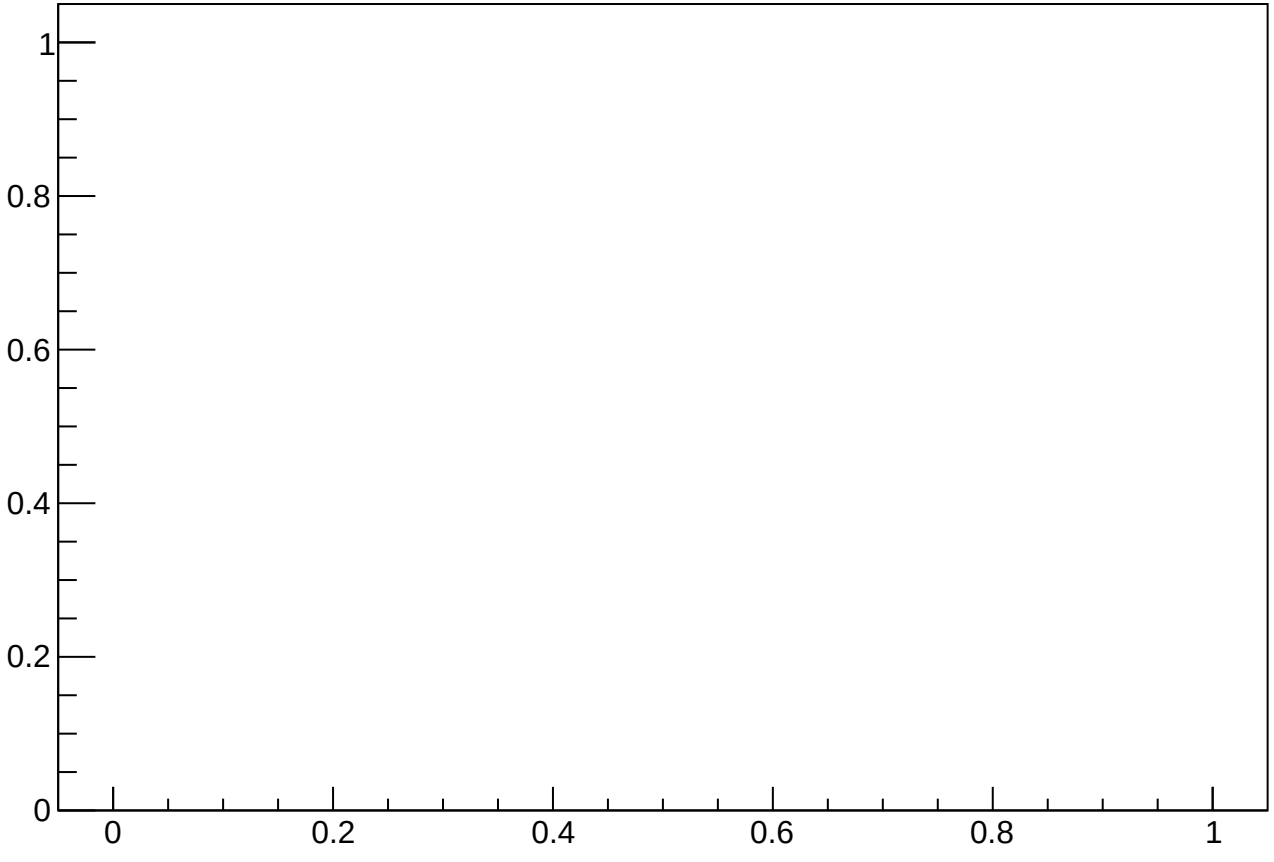
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

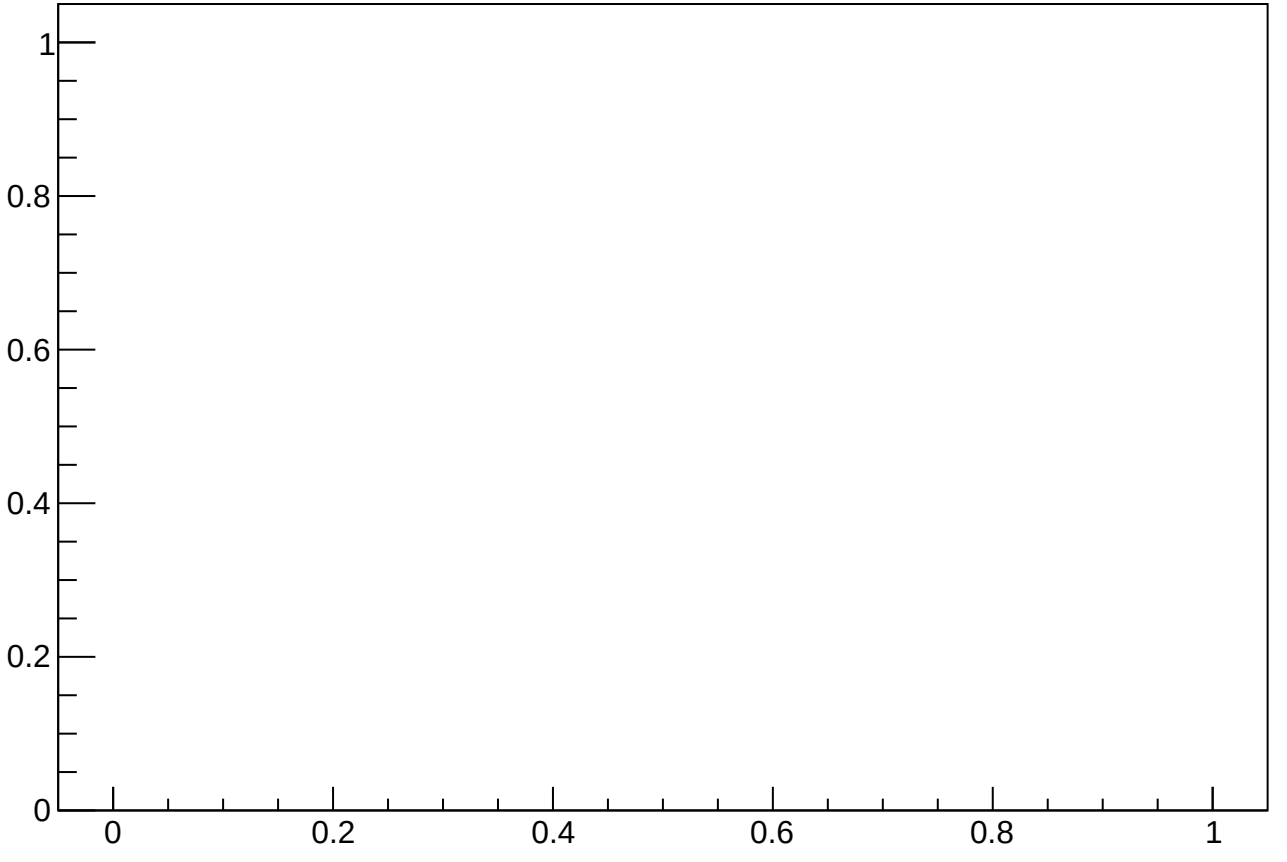
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

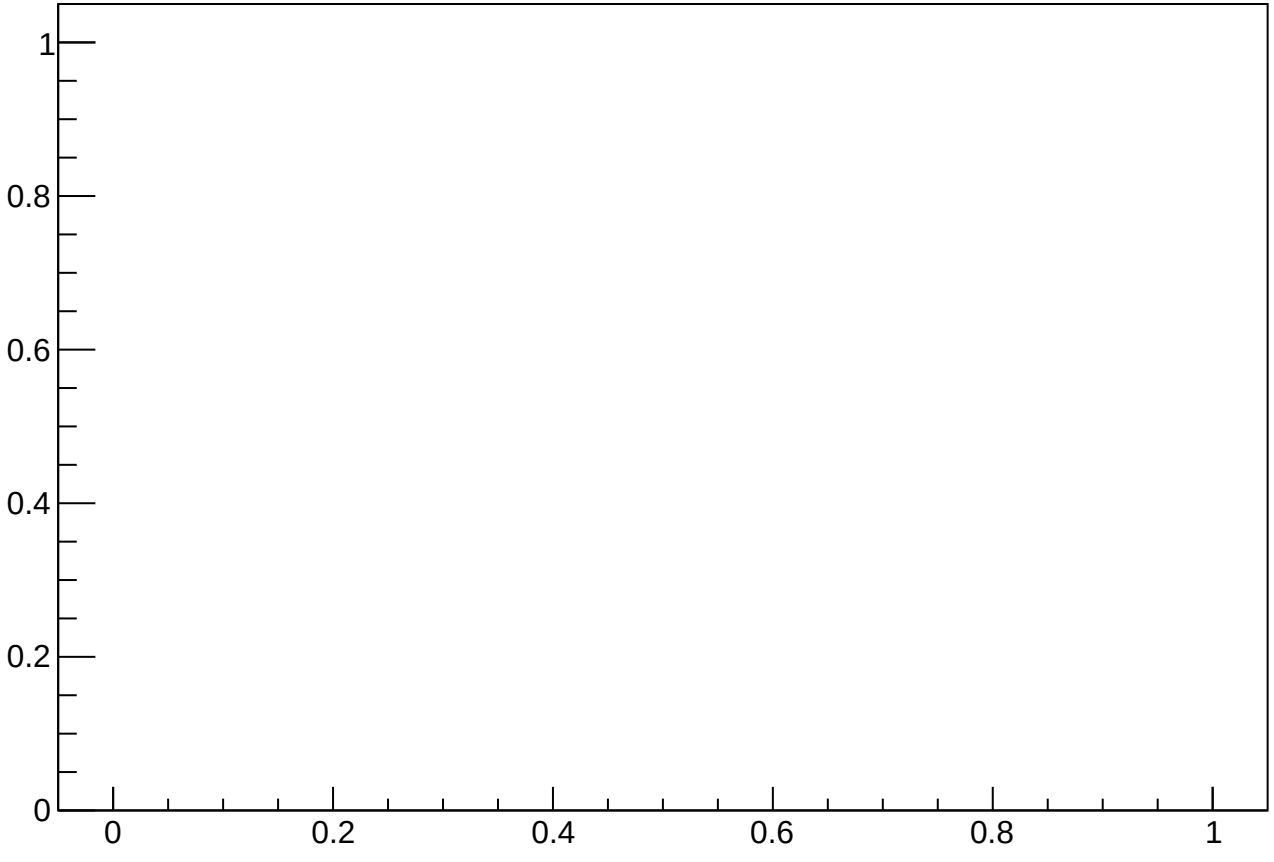
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

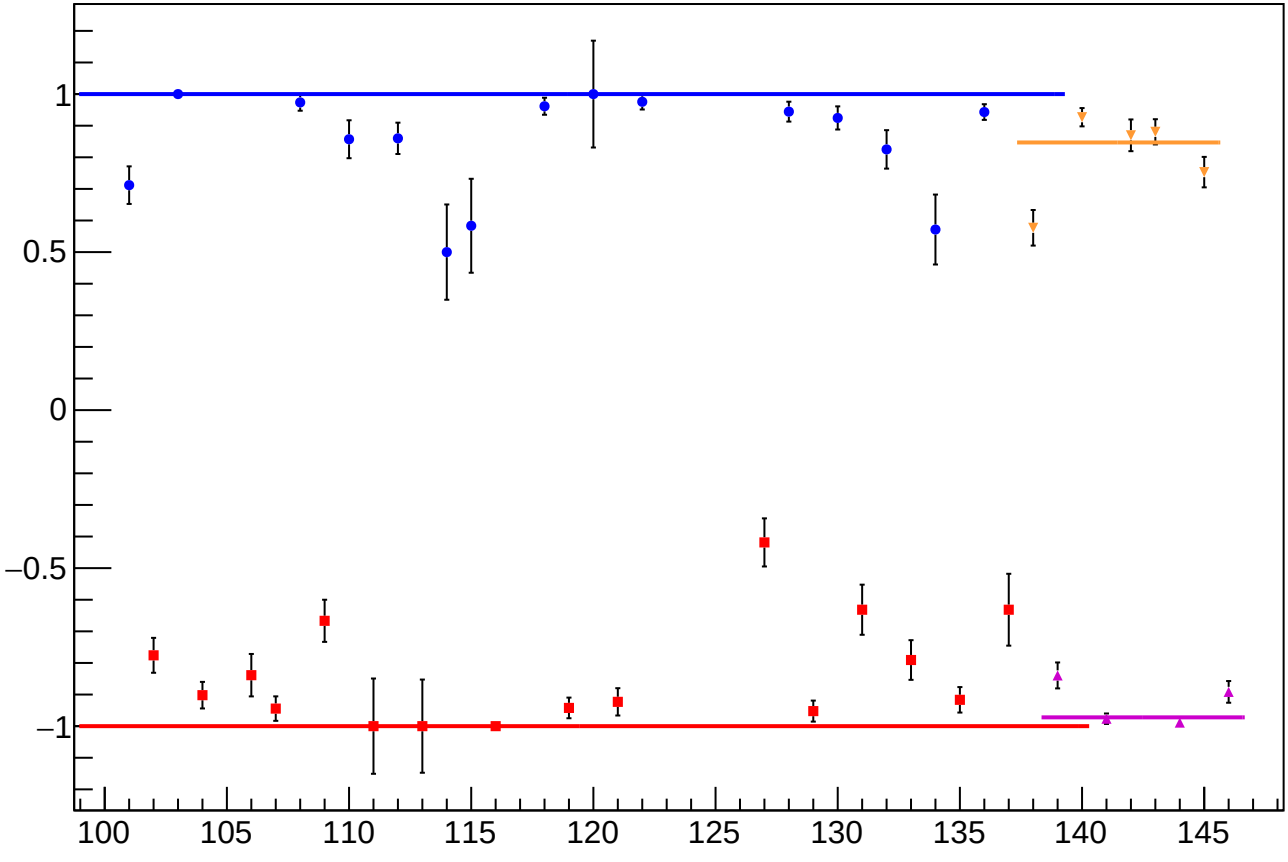
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 0.847+/-0.018 χ^2/NDF:35.3/4

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -0.972+/-0.009 χ^2/NDF:18.2/3

Left: -0.635+/-0.008 χ^2/NDF: 8044.0/8

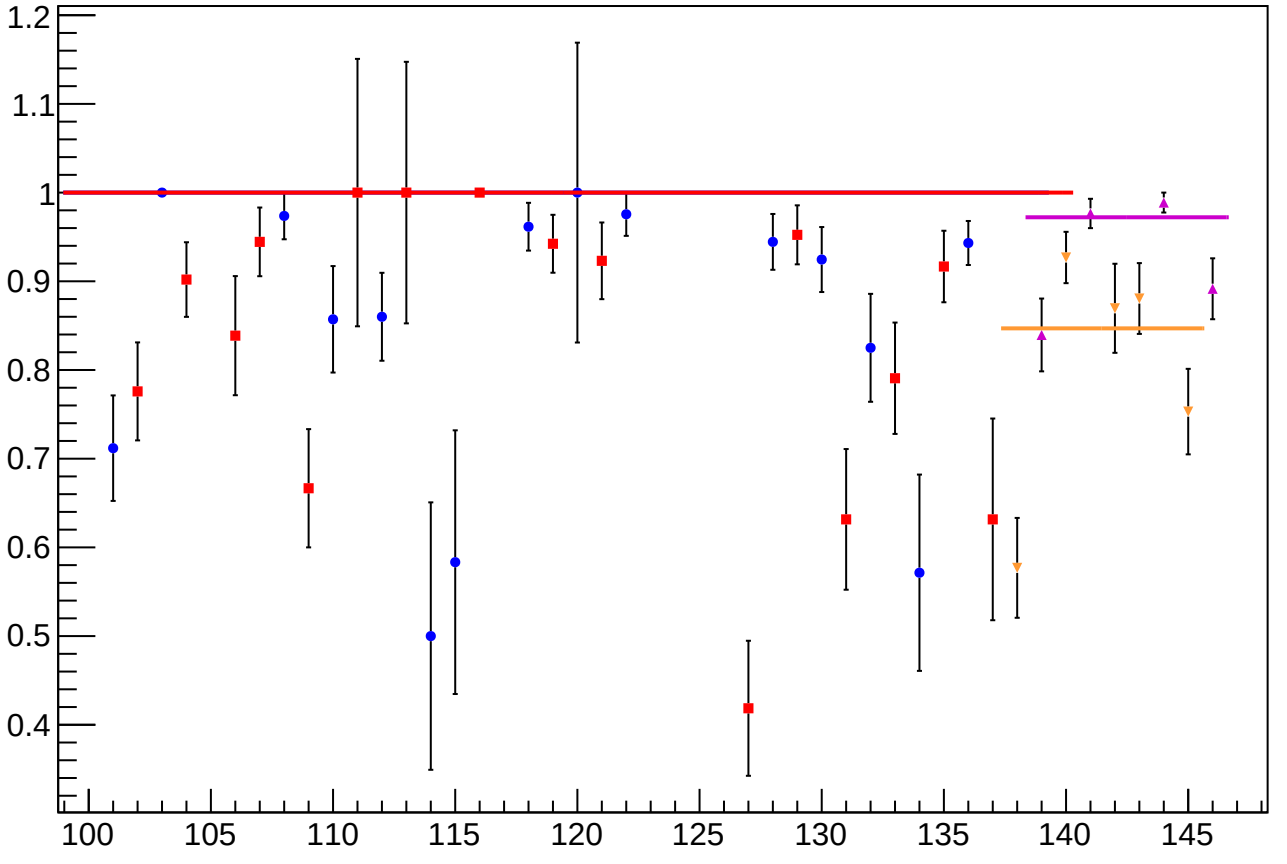
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: 1.000+/-0.000 χ^2/NDF:50750.9/18

Out: -1.000+/-0.000 χ^2/NDF:10316.7/20

All: 0.398+/-0.000 χ^2/NDF: 14173250084479

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.847+/-0.018 χ^2/NDF:35.3/4

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 0.972+/-0.009 χ^2/NDF:18.2/3

Left: 0.949+/-0.008 χ^2/NDF: 91.4/8

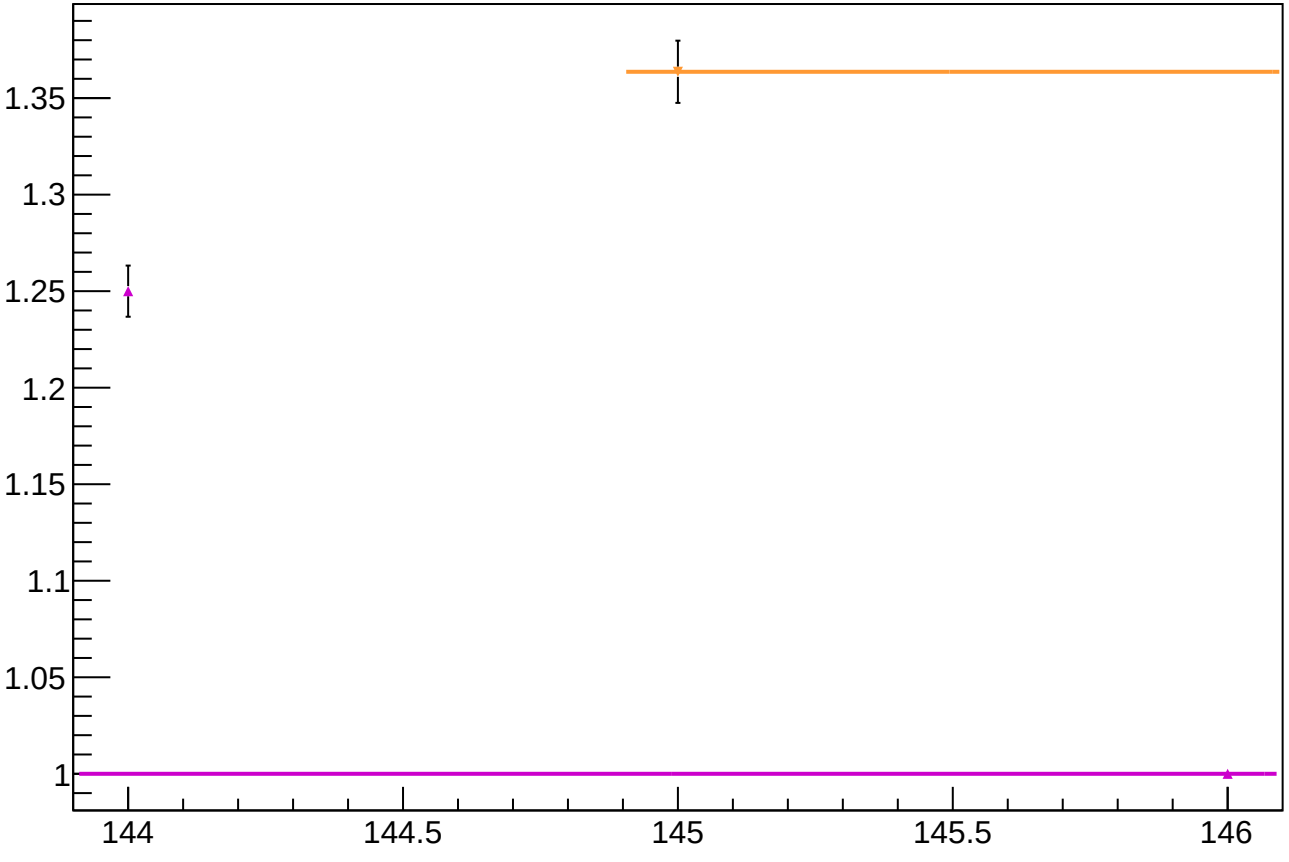
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:124.2/18

Out: 1.000+/-0.000 χ^2/NDF:273.7/20

All: 1.000+/-0.000 χ^2/NDF: 480.8/39

dit_segment_slope vs Slug, Sign Corrected



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

Left Out: 1.364+/-0.016 χ^2/NDF:0.0/0

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

Left In: 1.000+/-0.000 χ^2/NDF:356.0/1

Left: 1.000+/-0.000 χ^2/NDF: 865.1/2

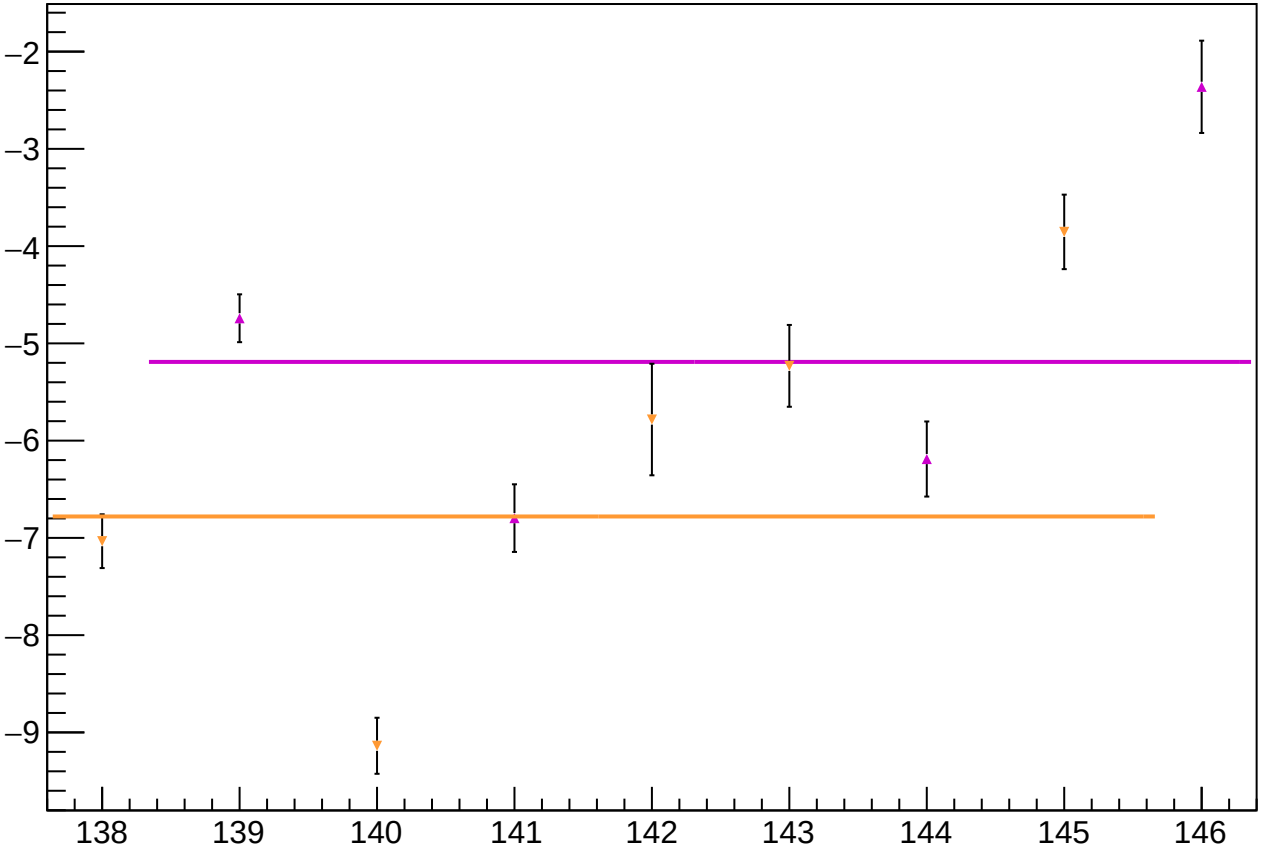
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:356.0/1

Out: 1.364+/-0.016 χ^2/NDF:0.0/0

All: 1.000+/-0.000 χ^2/NDF: 865.1/2

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -6.780+/-0.157 χ^2/NDF:142.7/4

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

Left In: -5.191+/-0.167 χ^2/NDF:66.9/3

Left: -6.034+/-0.114 χ^2/NDF: 257.8/8

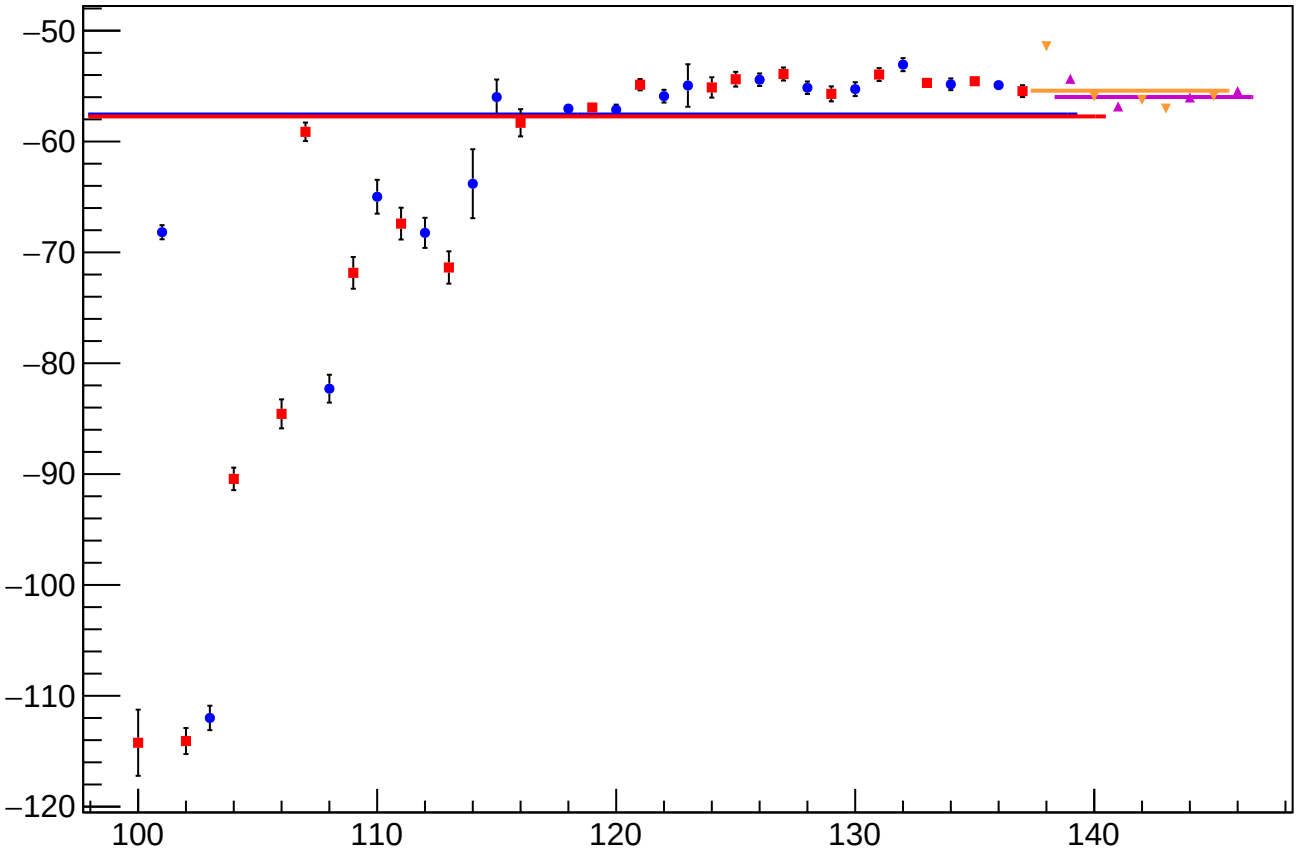
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.191+/-0.167 χ^2/NDF:66.9/3

Out: -6.780+/-0.157 χ^2/NDF:142.7/4

All: -6.034+/-0.114 χ^2/NDF: 257.8/8

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -55.415+/-0.134 χ^2/NDF:197.1/4

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -55.987+/-0.150 χ^2/NDF:28.1/3

Left: -55.668+/-0.100 χ^2/NDF: 233.3/8

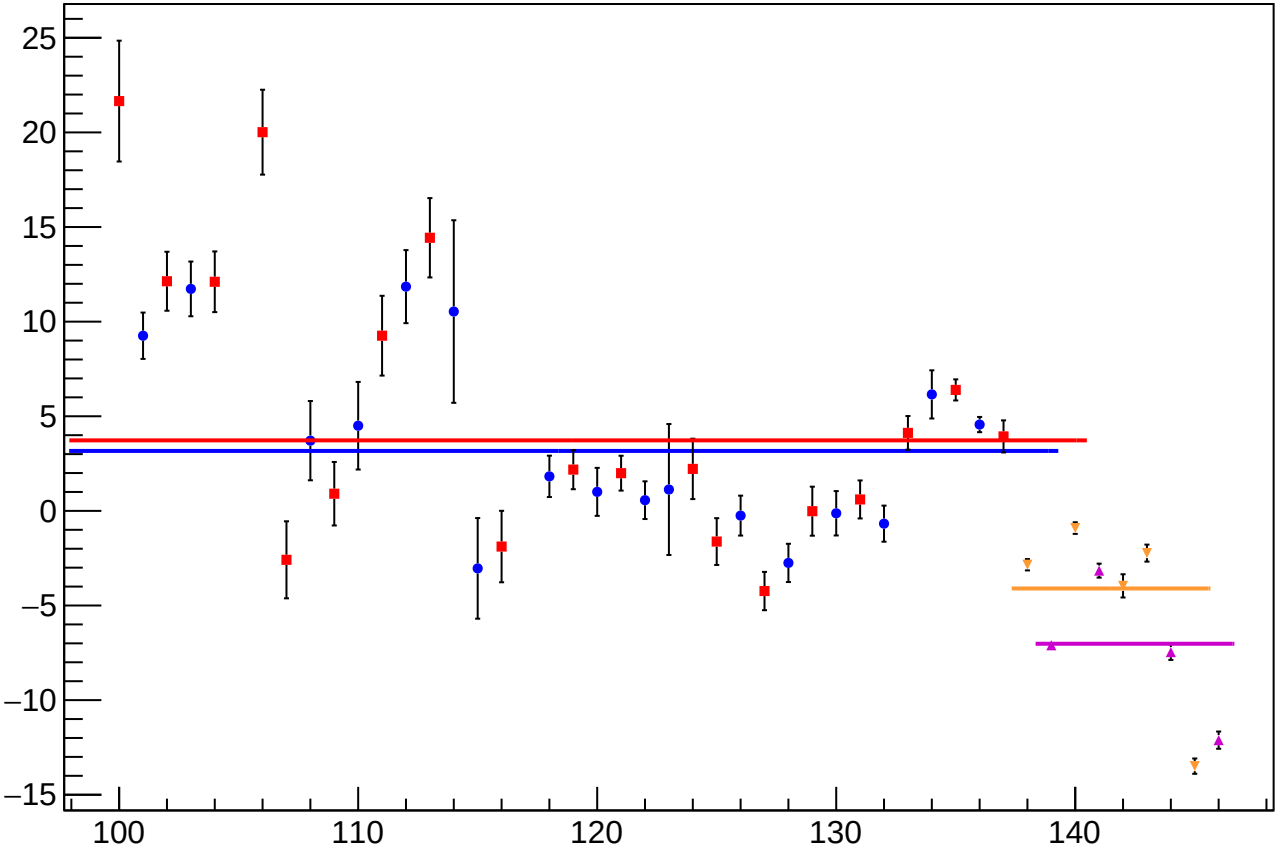
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -56.822+/-0.103 χ^2/NDF:3542.5/20

Out: -56.500+/-0.098 χ^2/NDF:5035.8/23

All: -56.653+/-0.071 χ^2/NDF: 8583.4/44

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -4.100+/-0.168 χ^2/NDF:681.8/4

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -7.021+/-0.177 χ^2/NDF:235.4/3

Left: -5.488+/-0.122 χ^2/NDF: 1061.0/8

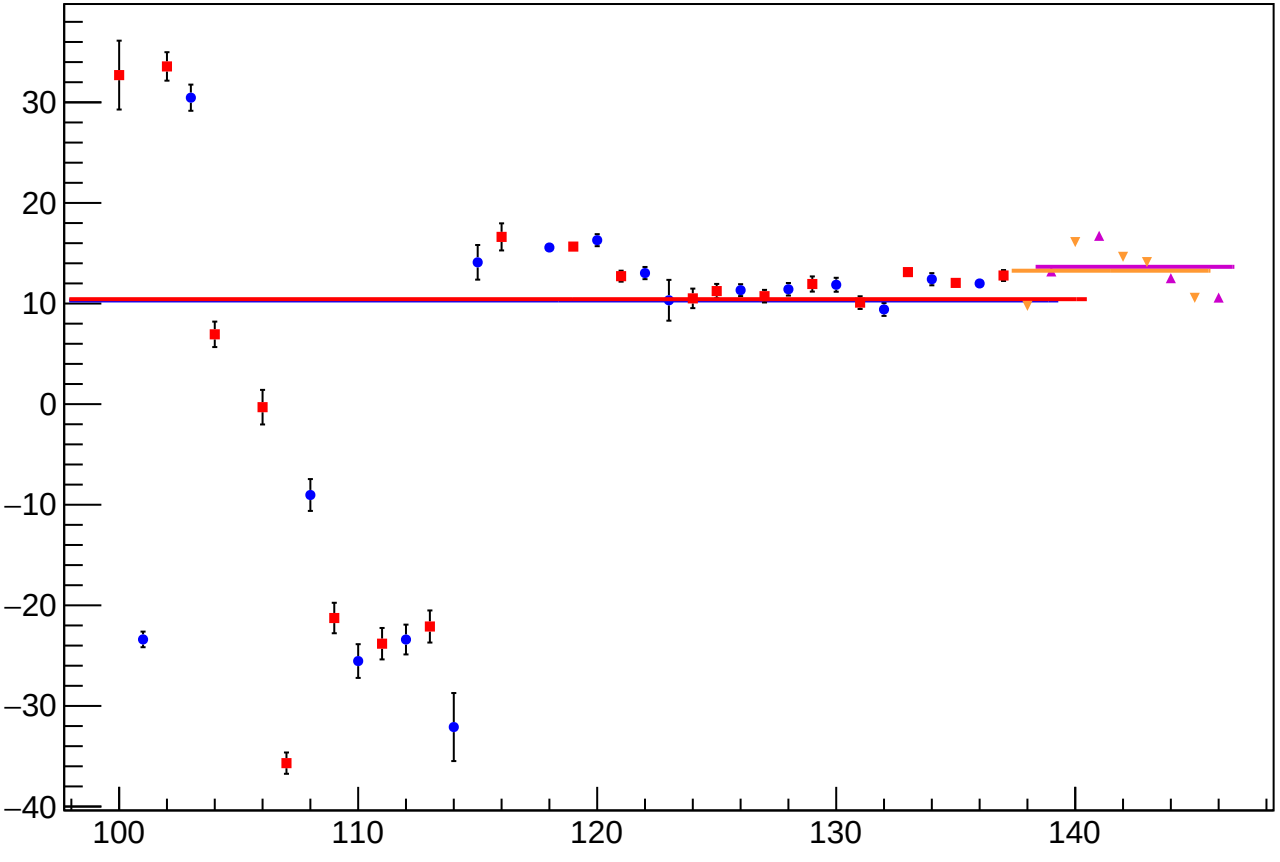
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -3.768+/-0.146 χ^2/NDF:1485.6/20

Out: -1.881+/-0.142 χ^2/NDF:1620.3/23

All: -2.802+/-0.102 χ^2/NDF: 3191.8/44

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.263+/-0.157 χ^2/NDF:264.9/4

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 13.650+/-0.175 χ^2/NDF:183.3/3

Left: 13.436+/-0.117 χ^2/NDF: 450.9/8

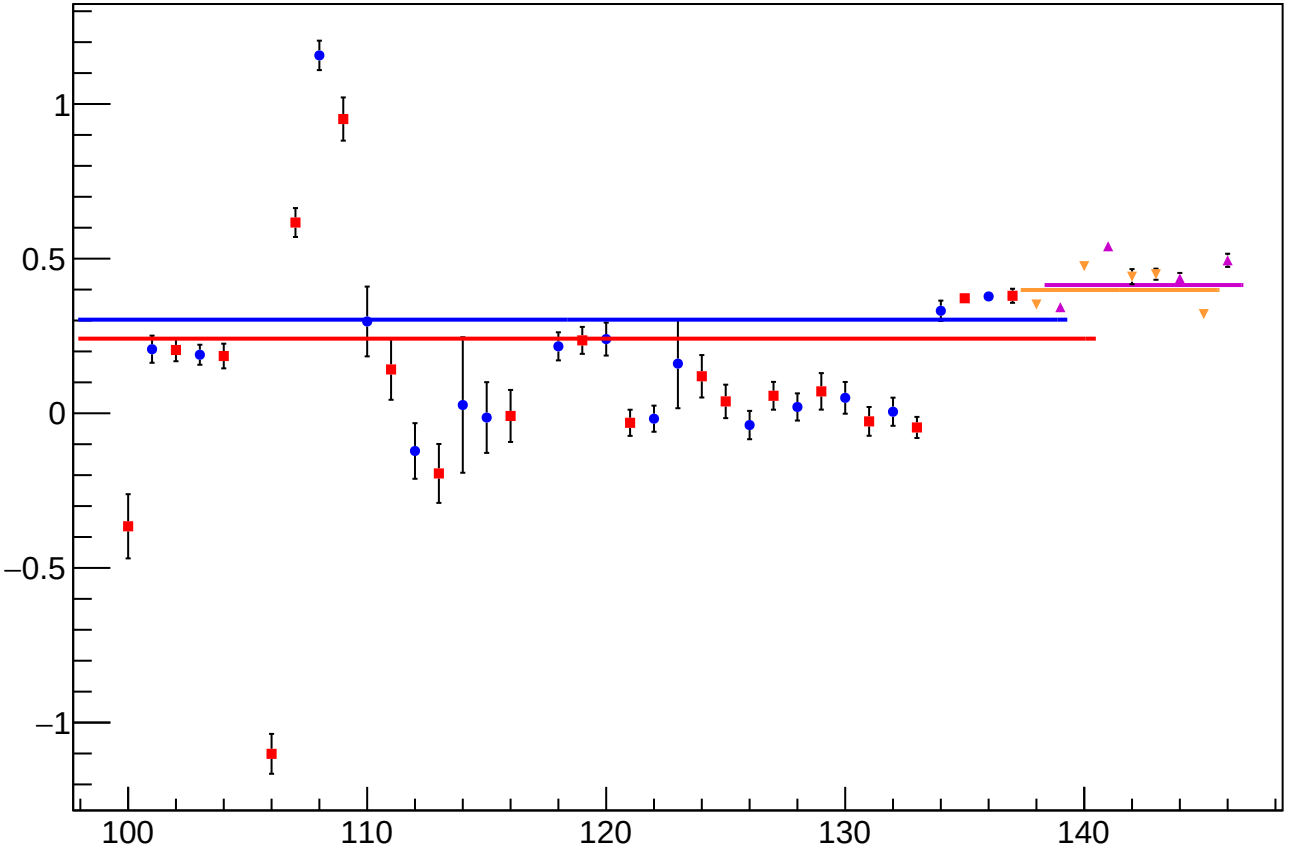
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 11.798+/-0.117 χ^2/NDF:4098.6/20

Out: 11.877+/-0.112 χ^2/NDF:4253.2/23

All: 11.839+/-0.081 χ^2/NDF: 8352.1/44

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.399+/-0.007 χ^2/NDF:85.6/4

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.415+/-0.007 χ^2/NDF:144.5/3

Left: 0.406+/-0.005 χ^2/NDF: 232.8/8

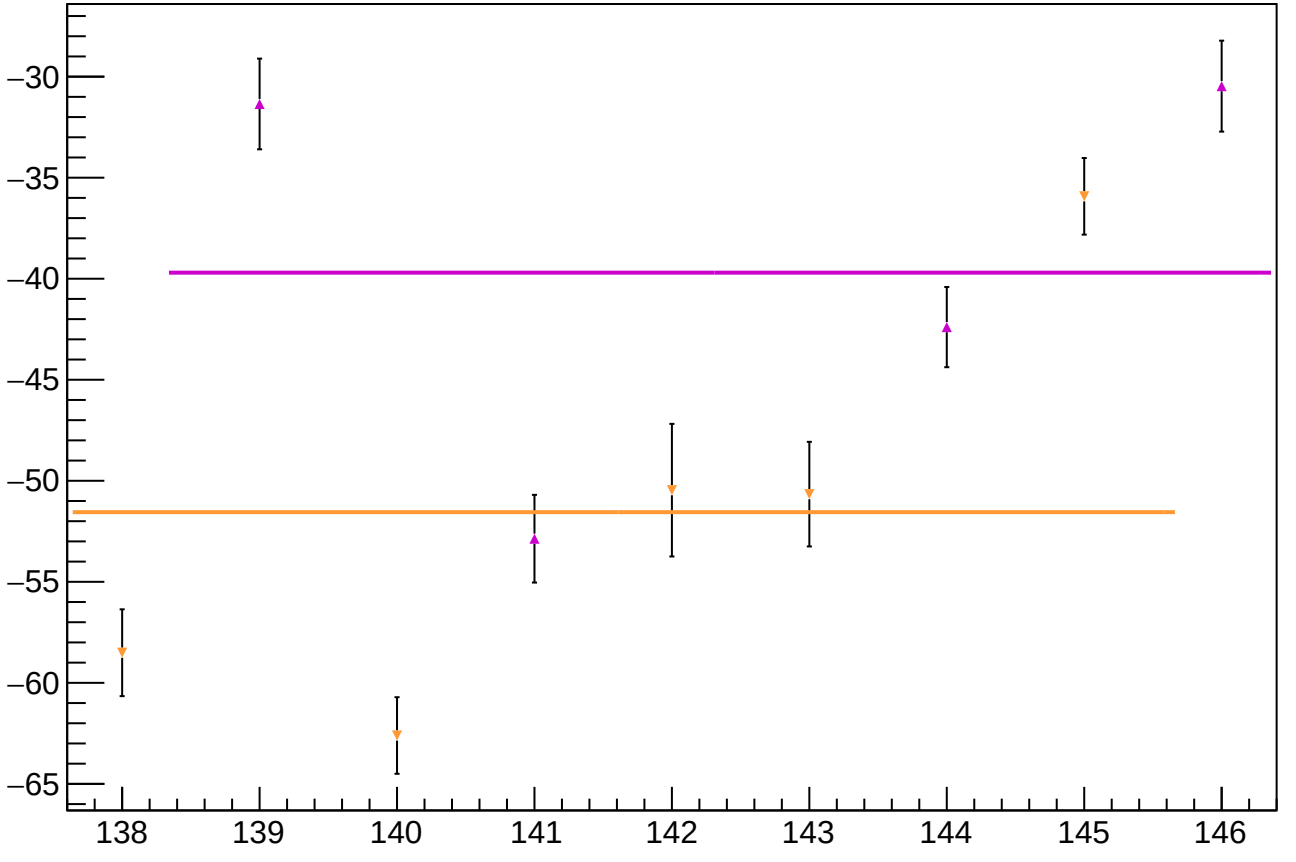
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.368+/-0.005 χ^2/NDF:900.5/20

Out: 0.338+/-0.005 χ^2/NDF:1282.5/23

All: 0.353+/-0.004 χ^2/NDF: 2199.9/44

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -51.554+/-0.992 χ^2/NDF:112.7/4

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

Left In: -39.700+/-1.077 χ^2/NDF:69.3/3

Left: -46.110+/-0.730 χ^2/NDF: 247.5/8

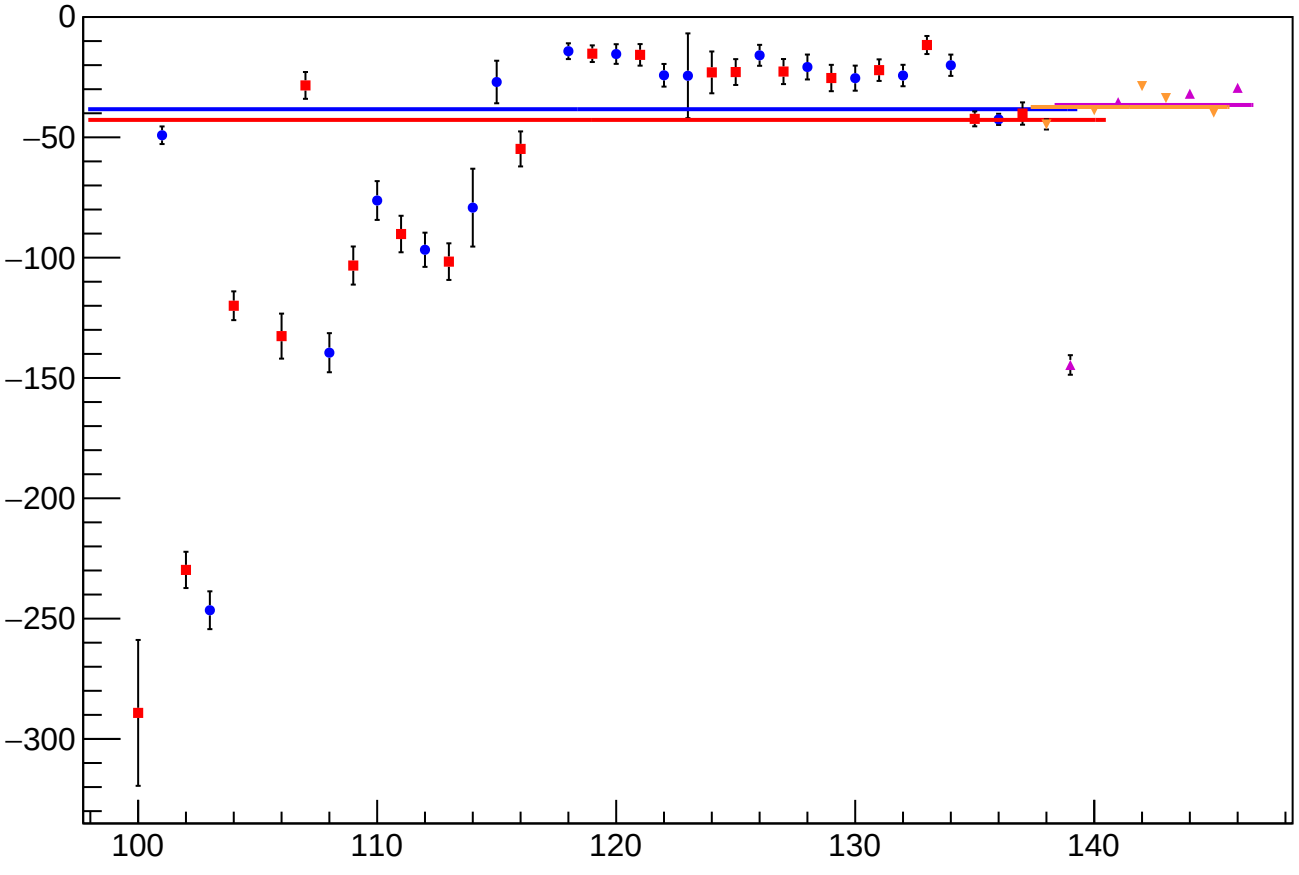
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.700+/-1.077 χ^2/NDF:69.3/3

Out: -51.554+/-0.992 χ^2/NDF:112.7/4

All: -46.110+/-0.730 χ^2/NDF: 247.5/8

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -37.389+/-0.786 χ^2/NDF:36.9/4

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -36.549+/-0.817 χ^2/NDF:742.1/3

Left: -36.985+/-0.566 χ^2/NDF: 779.6/8

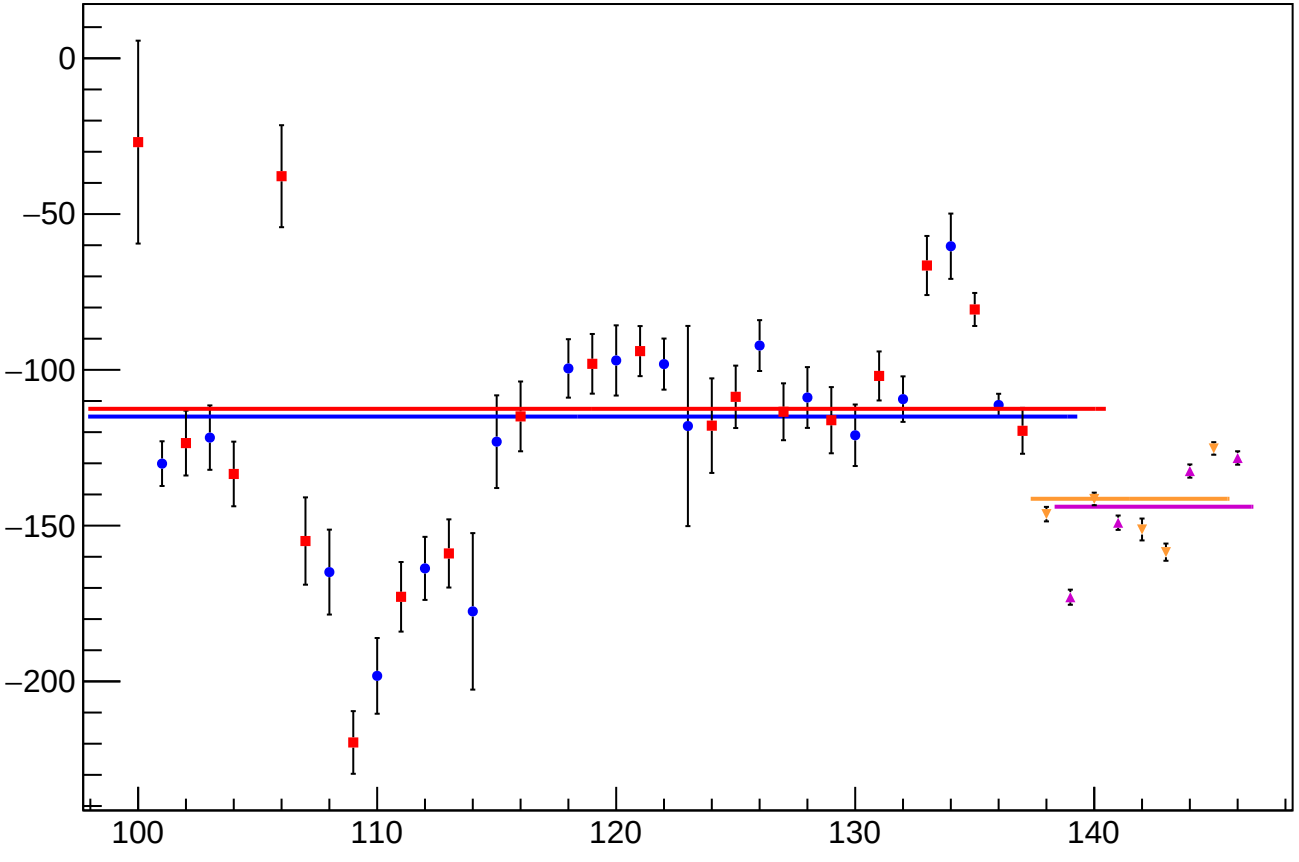
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -37.149+/-0.663 χ^2/NDF:1876.3/20

Out: -38.979+/-0.659 χ^2/NDF:1392.3/23

All: -38.070+/-0.468 χ^2/NDF: 3272.5/44

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -141.384+/-1.061 χ^2/NDF:114.9/4

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -143.930+/-1.123 χ^2/NDF:229.6/3

Left: -142.586+/-0.771 χ^2/NDF: 347.2/8

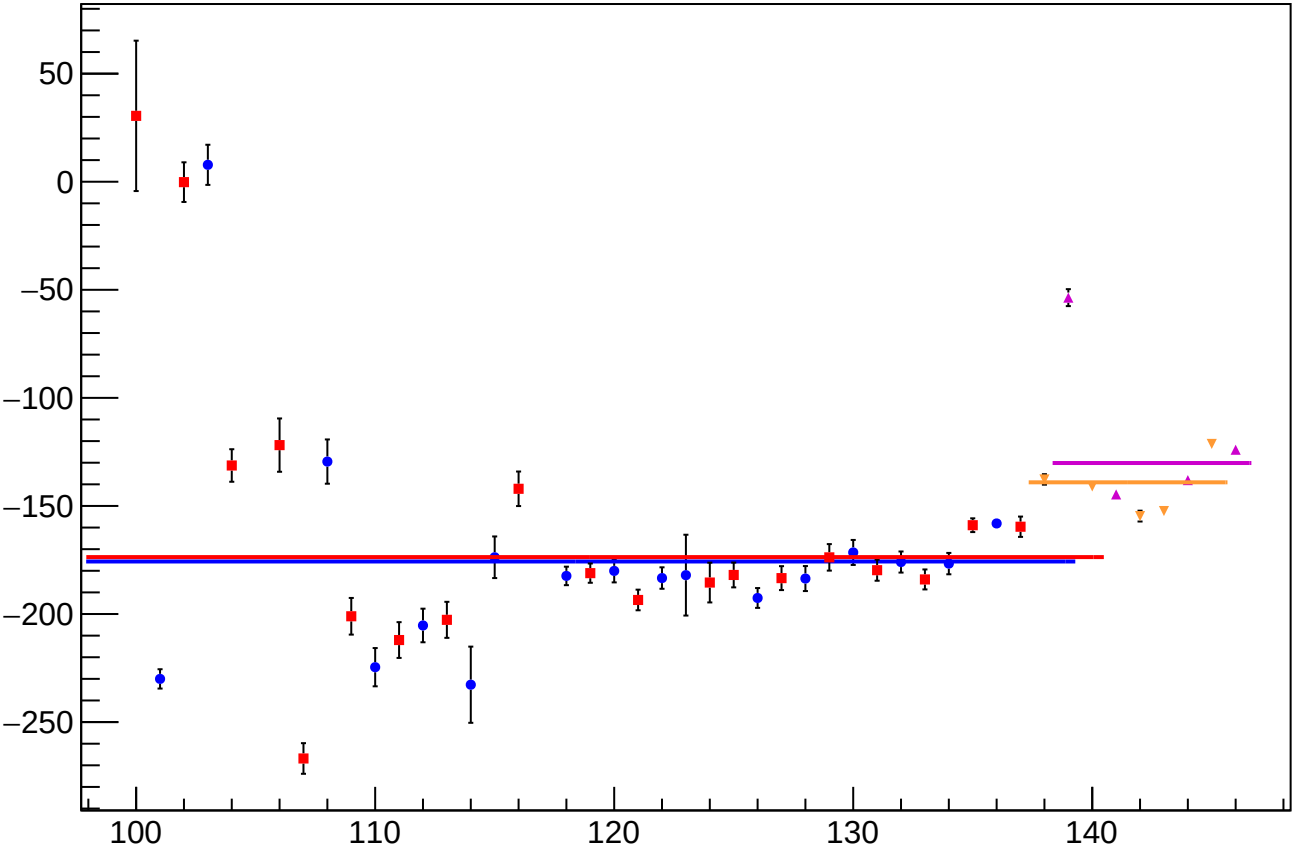
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -137.365+/-0.987 χ^2/NDF:522.1/20

Out: -135.958+/-0.957 χ^2/NDF:527.1/23

All: -136.639+/-0.687 χ^2/NDF: 1050.2/44

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -139.072+/-0.931 χ^2/NDF:180.2/4

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -130.138+/-0.982 χ^2/NDF:476.3/3

Left: -134.843+/-0.675 χ^2/NDF: 700.1/8

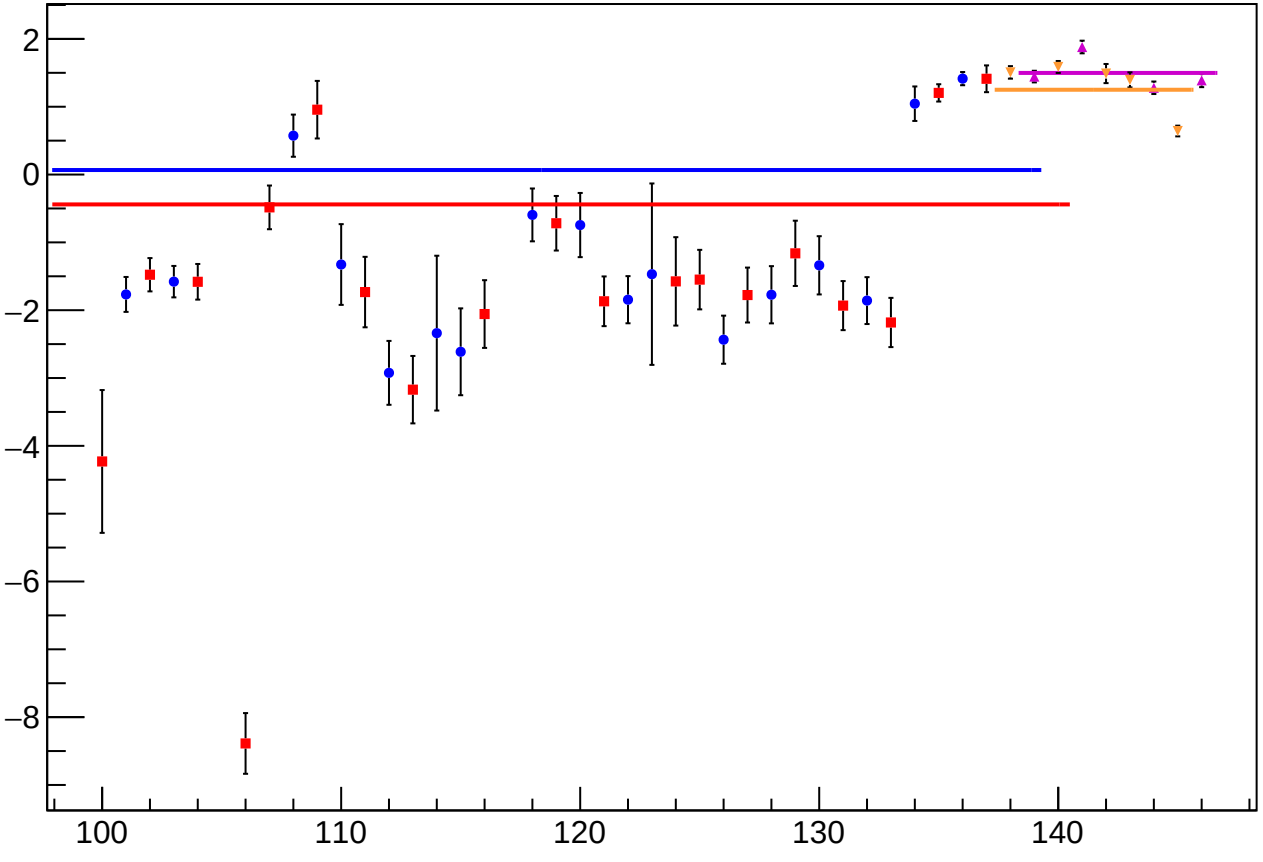
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -147.219+/-0.776 χ^2/NDF:1976.7/20

Out: -150.150+/-0.767 χ^2/NDF:1360.4/23

All: -148.701+/-0.546 χ^2/NDF: 3344.3/44

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.250+/-0.043 χ^2/NDF:86.1/4

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.498+/-0.046 χ^2/NDF:24.0/3

Left: 1.366+/-0.032 χ^2/NDF: 125.5/8

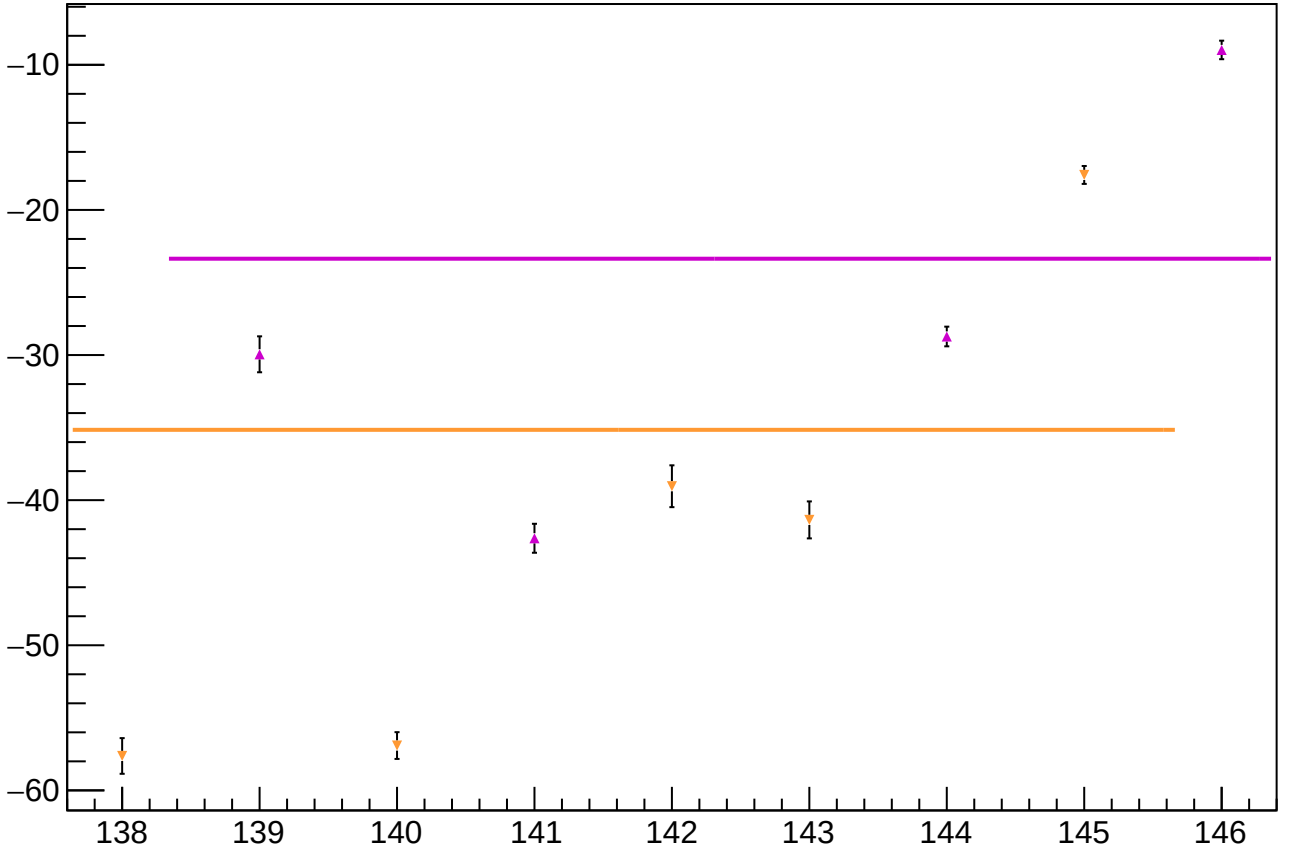
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.036+/-0.038 χ^2/NDF:859.5/20

Out: 0.796+/-0.037 χ^2/NDF:1254.3/23

All: 0.912+/-0.026 χ^2/NDF: 2134.4/44

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.154+/-0.424 χ^2/NDF:1731.3/4

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

Left In: -23.361+/-0.399 χ^2/NDF:970.8/3

Left: -28.897+/-0.291 χ^2/NDF: 3112.3/8

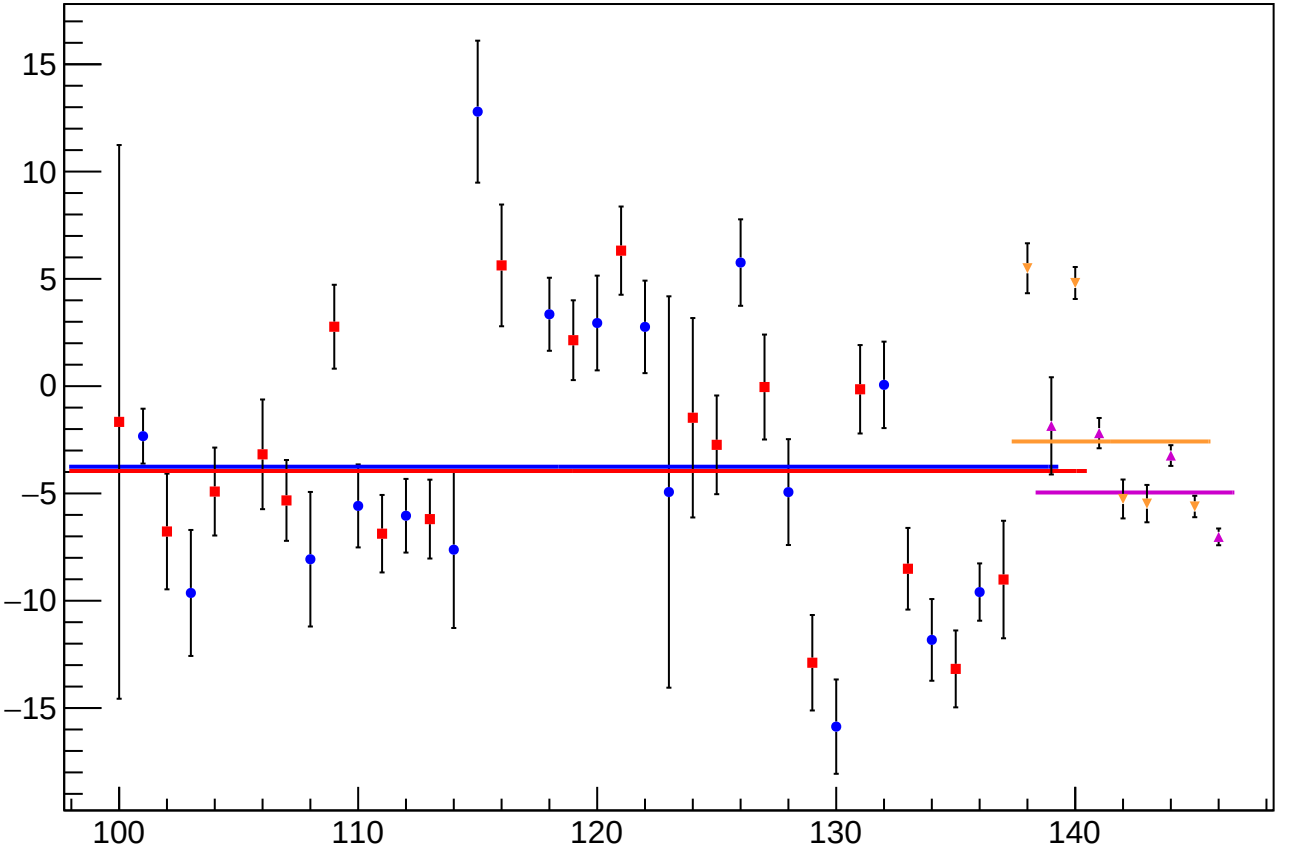
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -23.361+/-0.399 χ^2/NDF:970.8/3

Out: -35.154+/-0.424 χ^2/NDF:1731.3/4

All: -28.897+/-0.291 χ^2/NDF: 3112.3/8

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -2.578+/-0.332 χ^2/NDF:203.0/4

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -4.956+/-0.277 χ^2/NDF:58.0/3

Left: -3.980+/-0.213 χ^2/NDF: 291.3/8

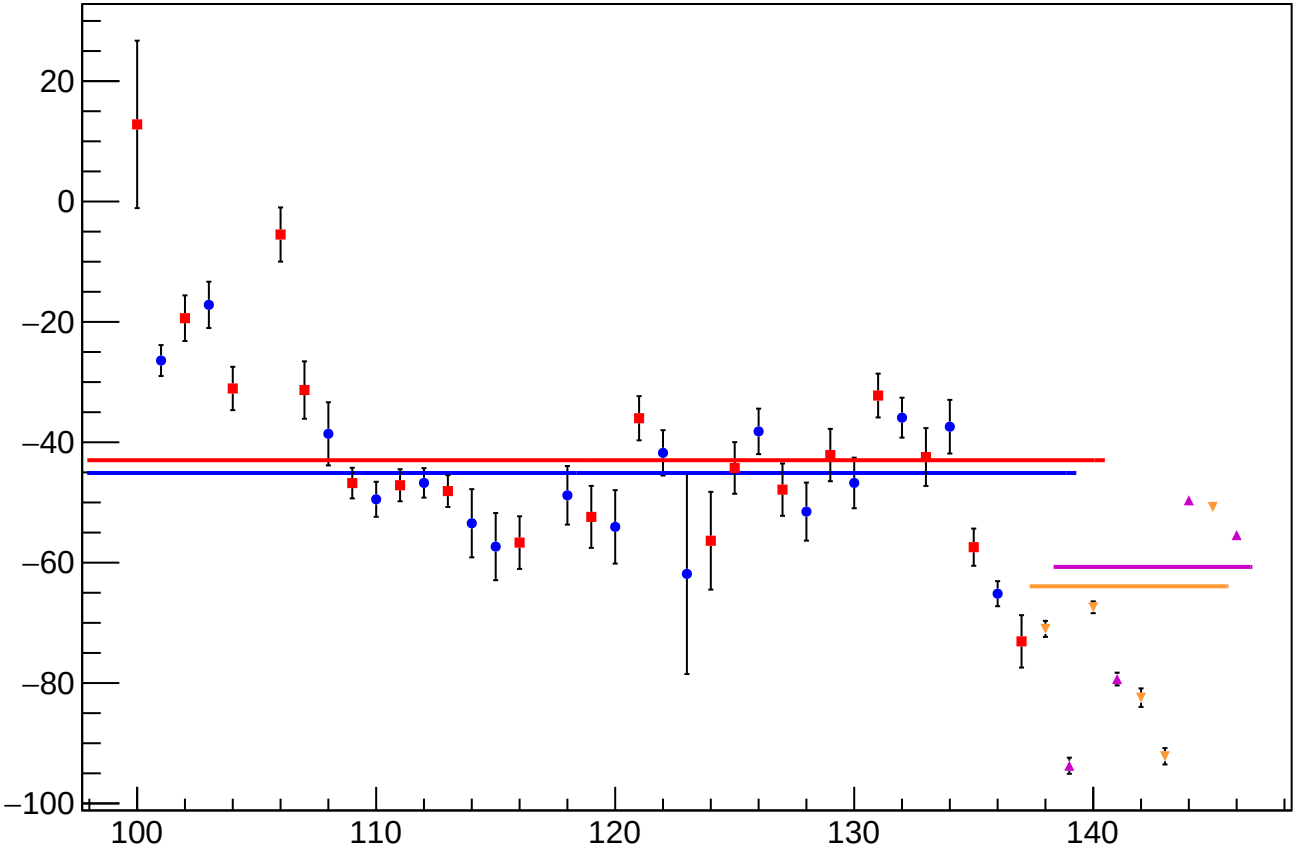
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -4.670+/-0.242 χ^2/NDF:227.8/20

Out: -2.991+/-0.278 χ^2/NDF:331.4/23

All: -3.946+/-0.182 χ^2/NDF: 580.1/44

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -63.923+/-0.452 χ^2/NDF:1020.1/4

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -60.705+/-0.408 χ^2/NDF:1223.8/3

Left: -62.150+/-0.303 χ^2/NDF: 2271.7/8

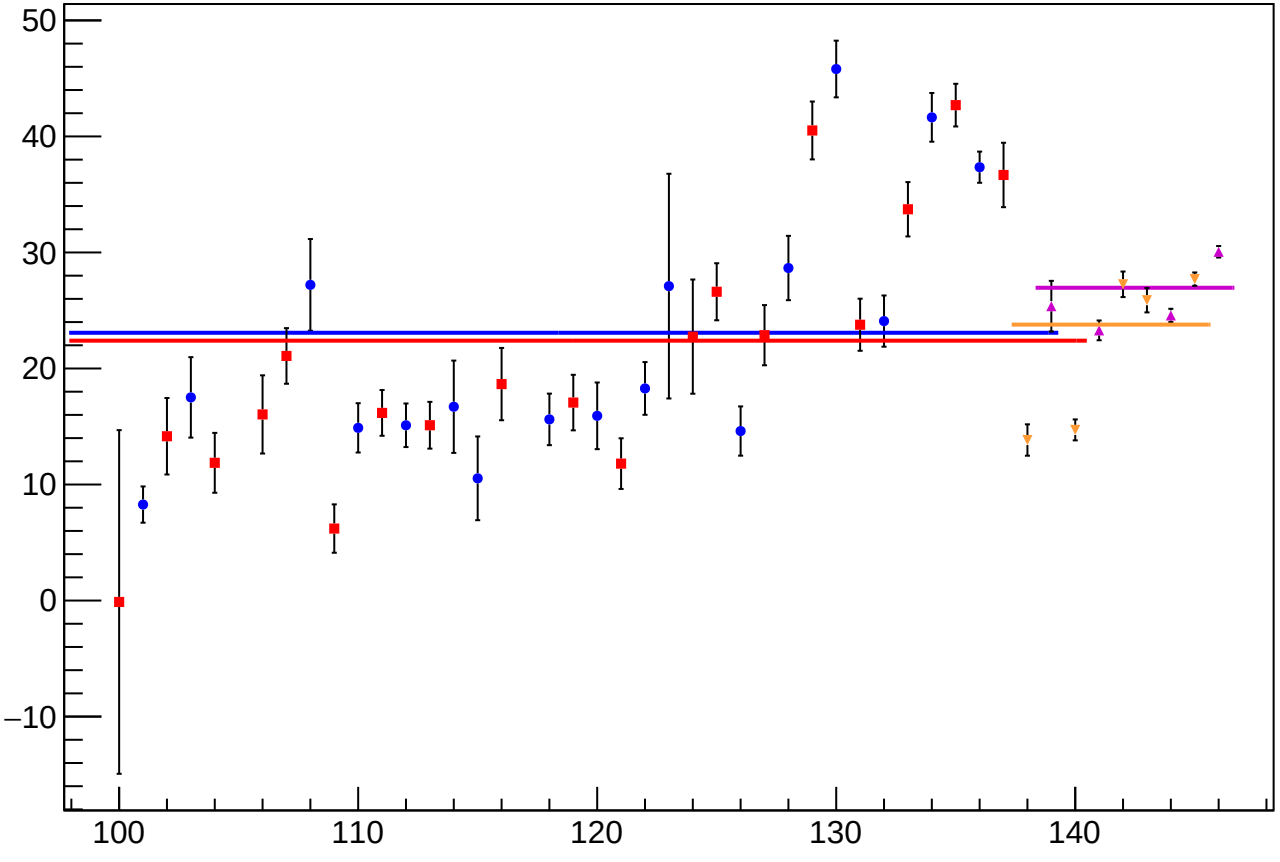
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -57.944+/-0.371 χ^2/NDF:1711.9/20

Out: -59.526+/-0.402 χ^2/NDF:1719.1/23

All: -58.671+/-0.272 χ^2/NDF: 3439.4/44

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 23.782+/-0.392 χ^2/NDF:215.4/4

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 26.958+/-0.339 χ^2/NDF:75.7/3

Left: 25.599+/-0.256 χ^2/NDF: 328.7/8

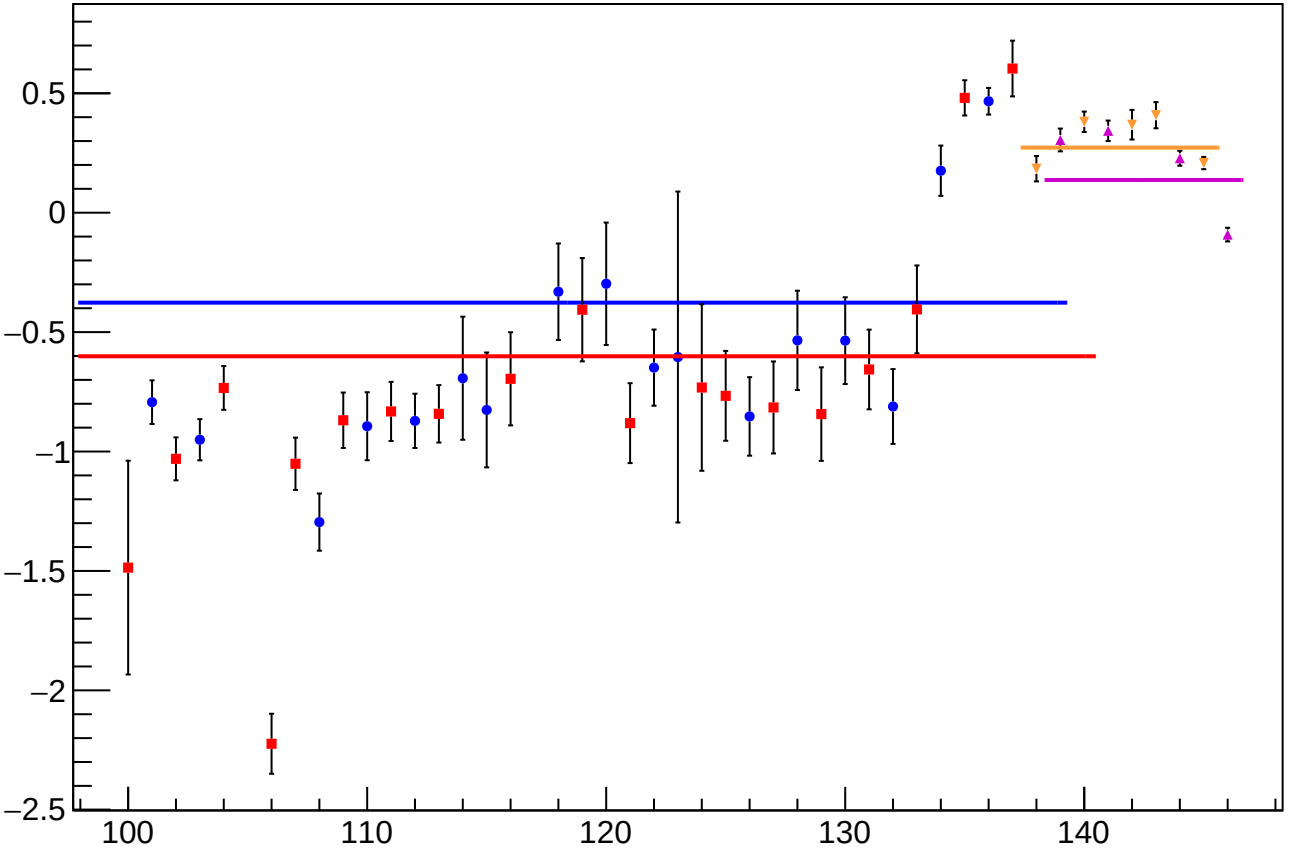
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 25.908+/-0.289 χ^2/NDF:572.3/20

Out: 23.340+/-0.323 χ^2/NDF:589.7/23

All: 24.766+/-0.216 χ^2/NDF: 1197.0/44

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.273+/-0.018 χ^2/NDF:24.0/4

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.137+/-0.018 χ^2/NDF:107.5/3

Left: 0.202+/-0.013 χ^2/NDF: 160.1/8

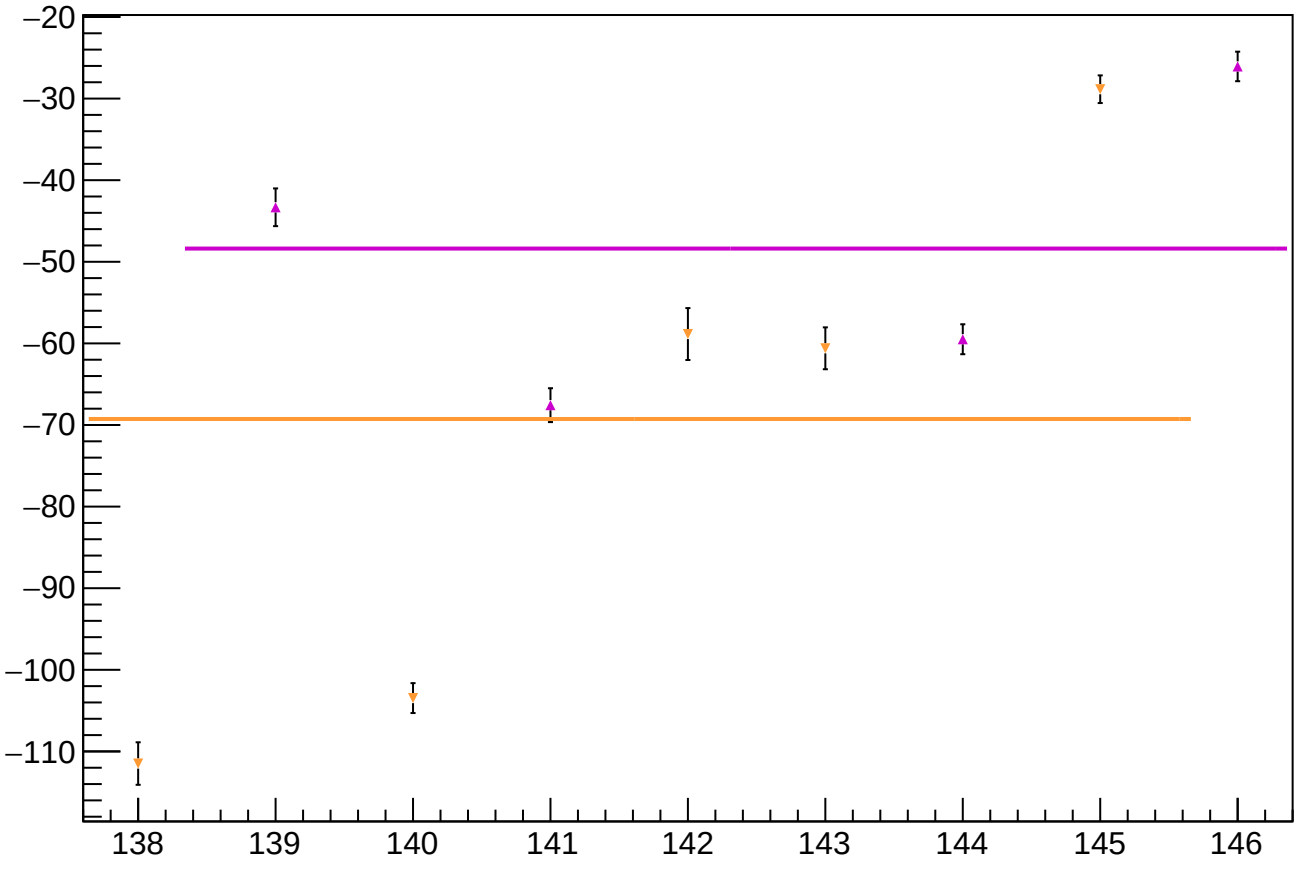
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.006+/-0.015 χ^2/NDF:761.9/20

Out: 0.039+/-0.016 χ^2/NDF:1193.8/23

All: 0.022+/-0.011 χ^2/NDF: 1958.0/44

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.264+/-0.979 χ^2/NDF:1201.5/4

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

Left In: -48.380+/-0.989 χ^2/NDF:279.0/3

Left: -58.935+/-0.696 χ^2/NDF: 1705.7/8

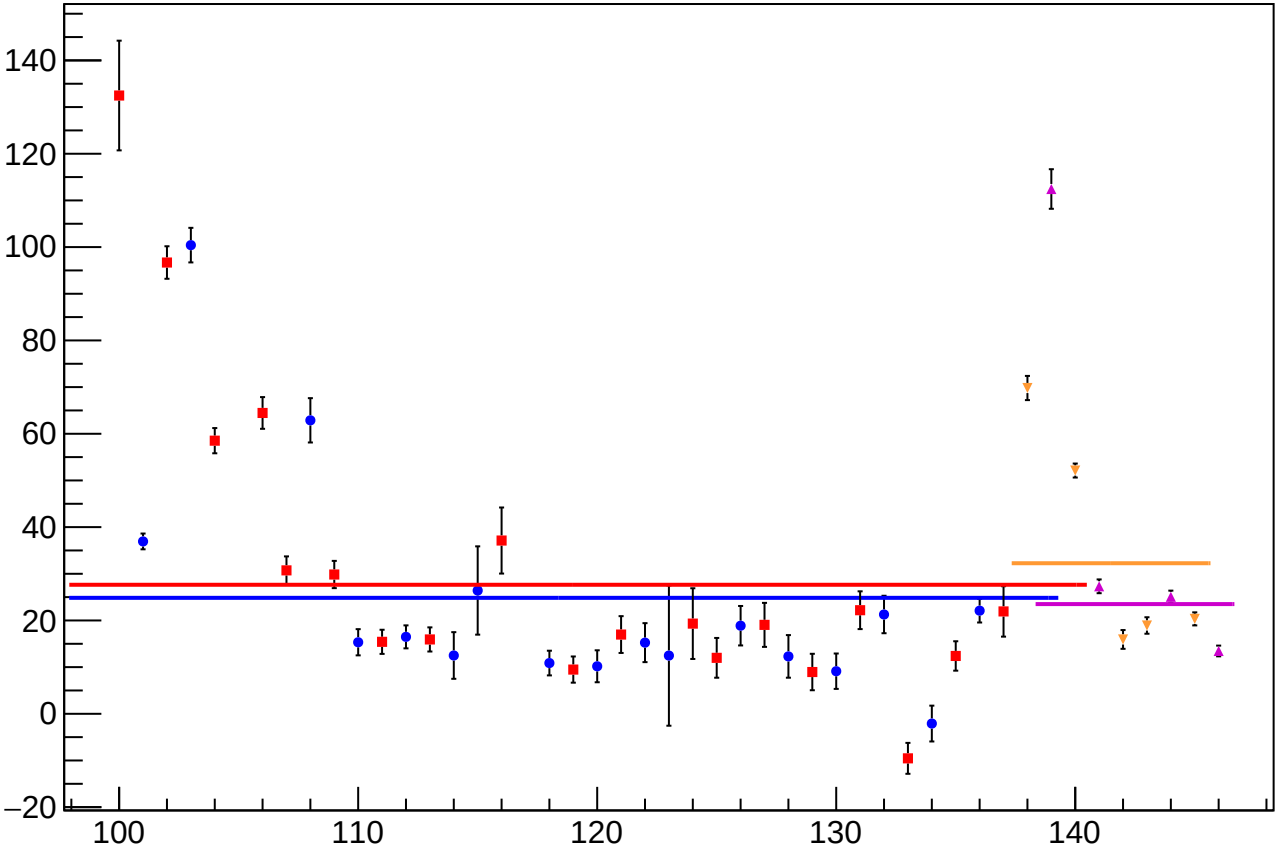
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -48.380+/-0.989 χ^2/NDF:279.0/3

Out: -69.264+/-0.979 χ^2/NDF:1201.5/4

All: -58.935+/-0.696 χ^2/NDF: 1705.7/8

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 32.262+/-0.773 χ^2/NDF:580.9/4

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 23.509+/-0.735 χ^2/NDF:523.9/3

Left: 27.667+/-0.533 χ^2/NDF: 1172.1/8

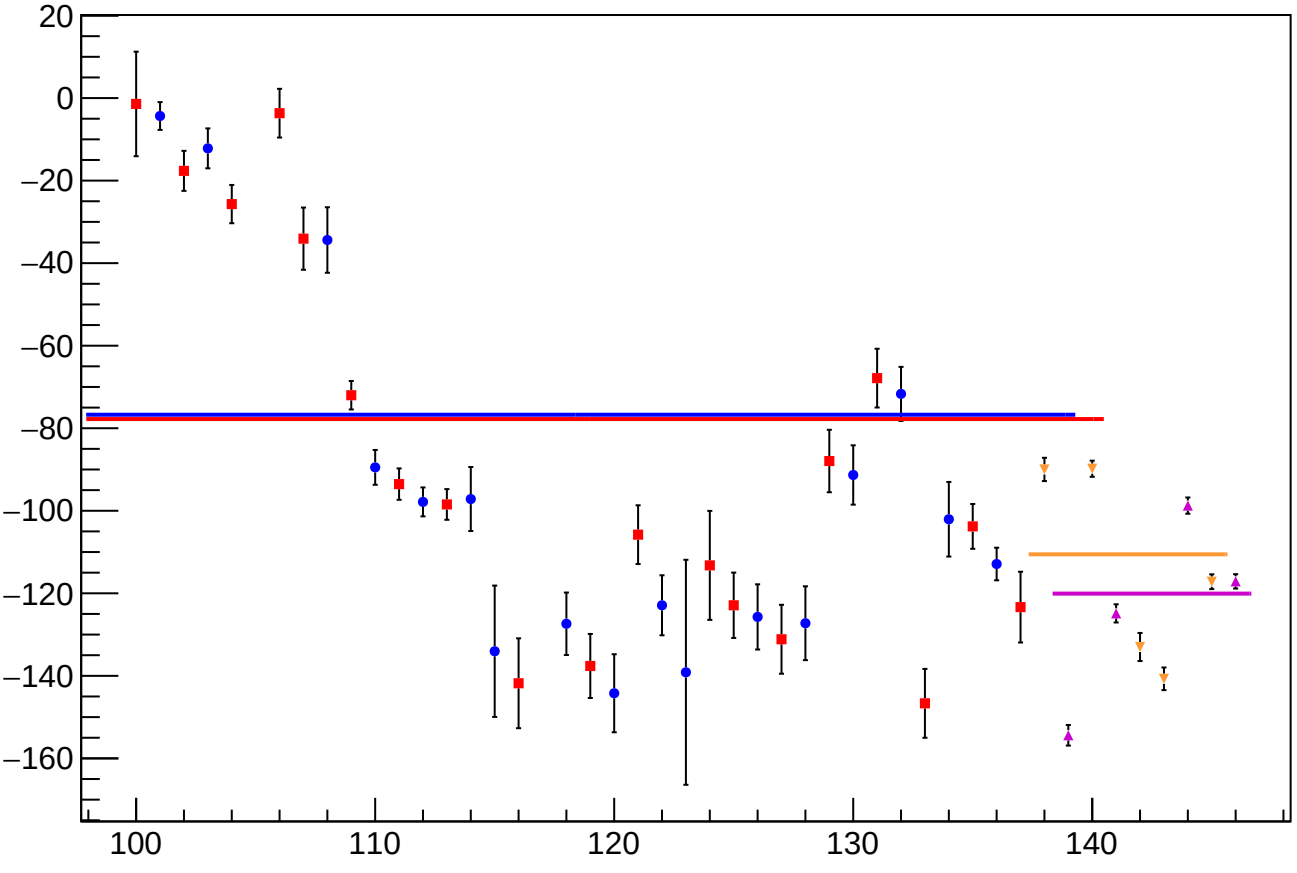
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 24.121+/-0.542 χ^2/NDF:1216.2/20

Out: 30.064+/-0.559 χ^2/NDF:1607.1/23

All: 26.997+/-0.389 χ^2/NDF: 2881.5/44

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -110.556+/-1.043 χ^2/NDF:344.5/4

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -120.072+/-1.023 χ^2/NDF:314.3/3

Left: -115.406+/-0.731 χ^2/NDF: 701.2/8

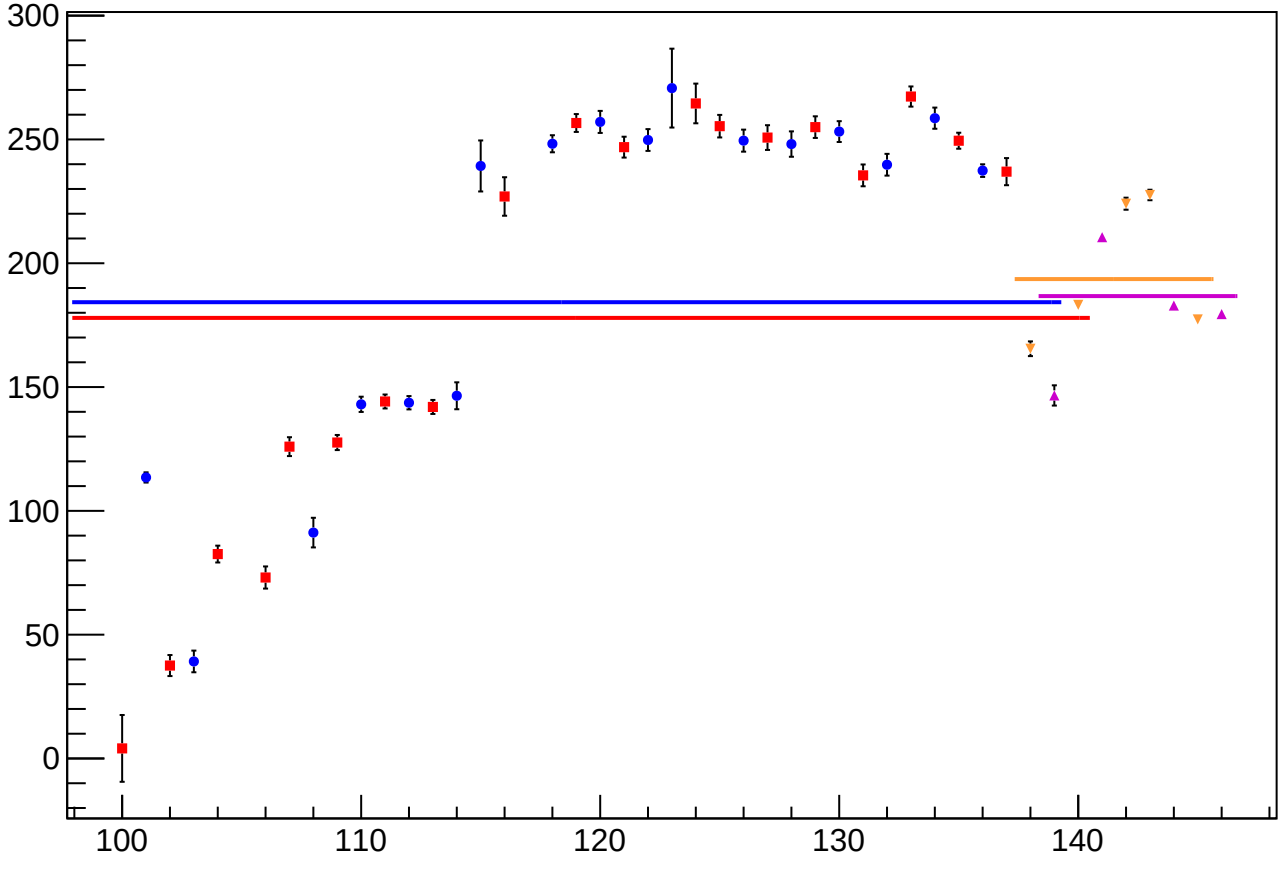
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -105.150+/-0.829 χ^2/NDF:1974.1/20

Out: -98.325+/-0.826 χ^2/NDF:1584.7/23

All: -101.726+/-0.585 χ^2/NDF: 3592.8/44

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 193.608+/-0.914 χ^2/NDF:638.2/4

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 186.736+/-0.884 χ^2/NDF:307.1/3

Left: 190.059+/-0.636 χ^2/NDF: 974.5/8

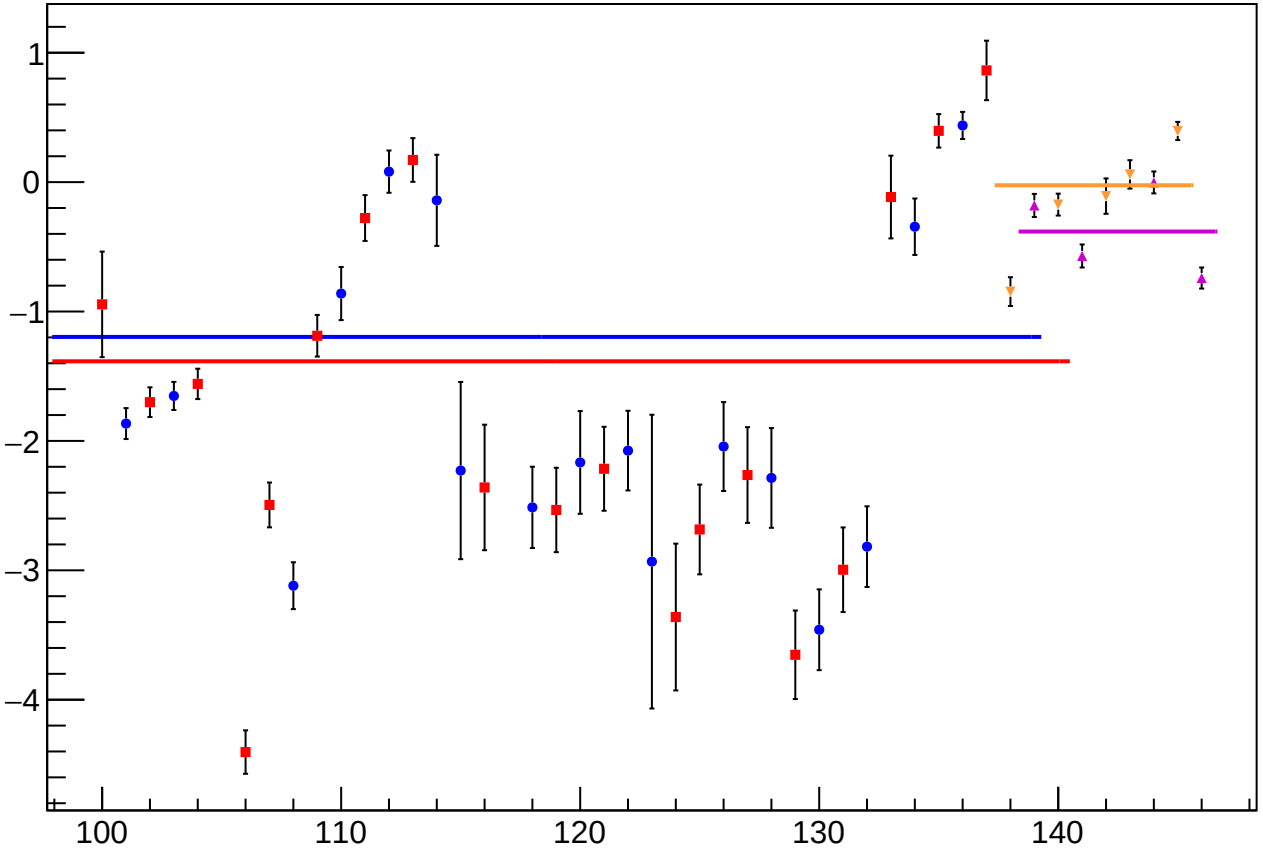
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 185.544+/-0.635 χ^2/NDF:5711.8/20

Out: 185.855+/-0.650 χ^2/NDF:7114.7/23

All: 185.696+/-0.454 χ^2/NDF: 12826.6/44

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.024+/-0.042 χ^2/NDF:94.3/4

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.382+/-0.043 χ^2/NDF:49.1/3

Left: -0.200+/-0.030 χ^2/NDF: 178.5/8

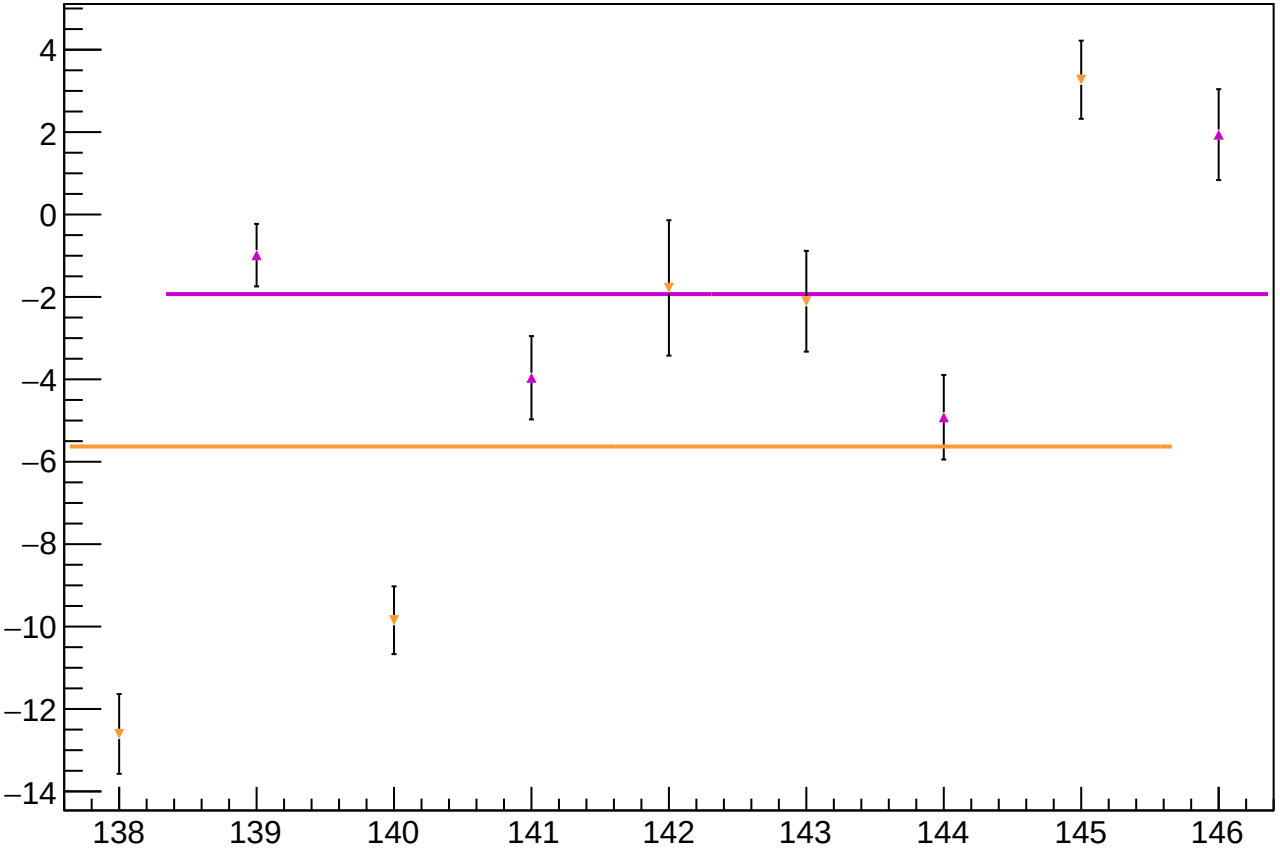
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.744+/-0.032 χ^2/NDF:831.6/20

Out: -0.651+/-0.031 χ^2/NDF:1495.2/23

All: -0.696+/-0.022 χ^2/NDF: 2331.1/44

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -5.630+/-0.461 χ^2/NDF:180.1/4

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

Left In: -1.931+/-0.472 χ^2/NDF:26.4/3

Left: -3.823+/-0.330 χ^2/NDF: 237.9/8

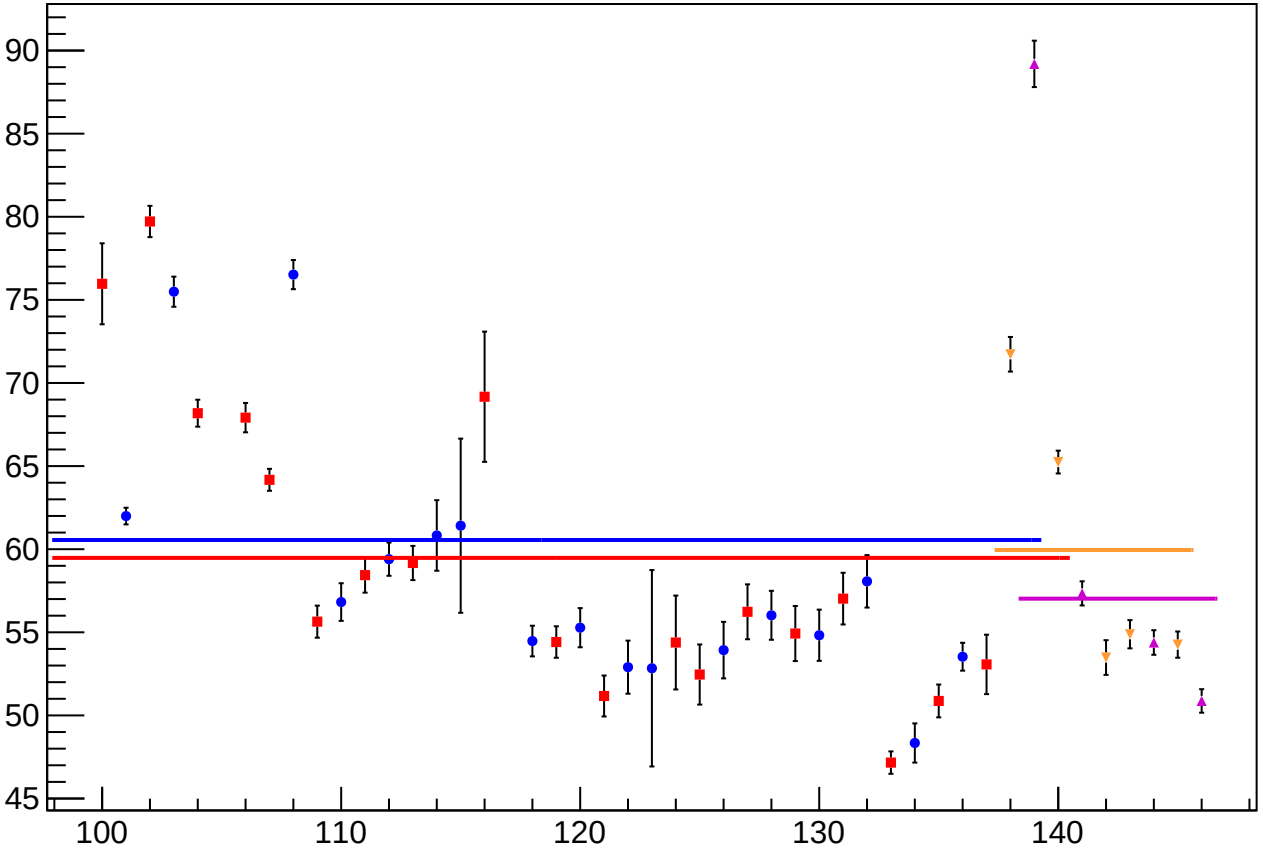
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.931+/-0.472 χ^2/NDF:26.4/3

Out: -5.630+/-0.461 χ^2/NDF:180.1/4

All: -3.823+/-0.330 χ^2/NDF: 237.9/8

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 59.951+/-0.379 χ^2/NDF:313.3/4

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 57.024+/-0.400 χ^2/NDF:619.6/3

Left: 58.567+/-0.275 χ^2/NDF: 961.1/8

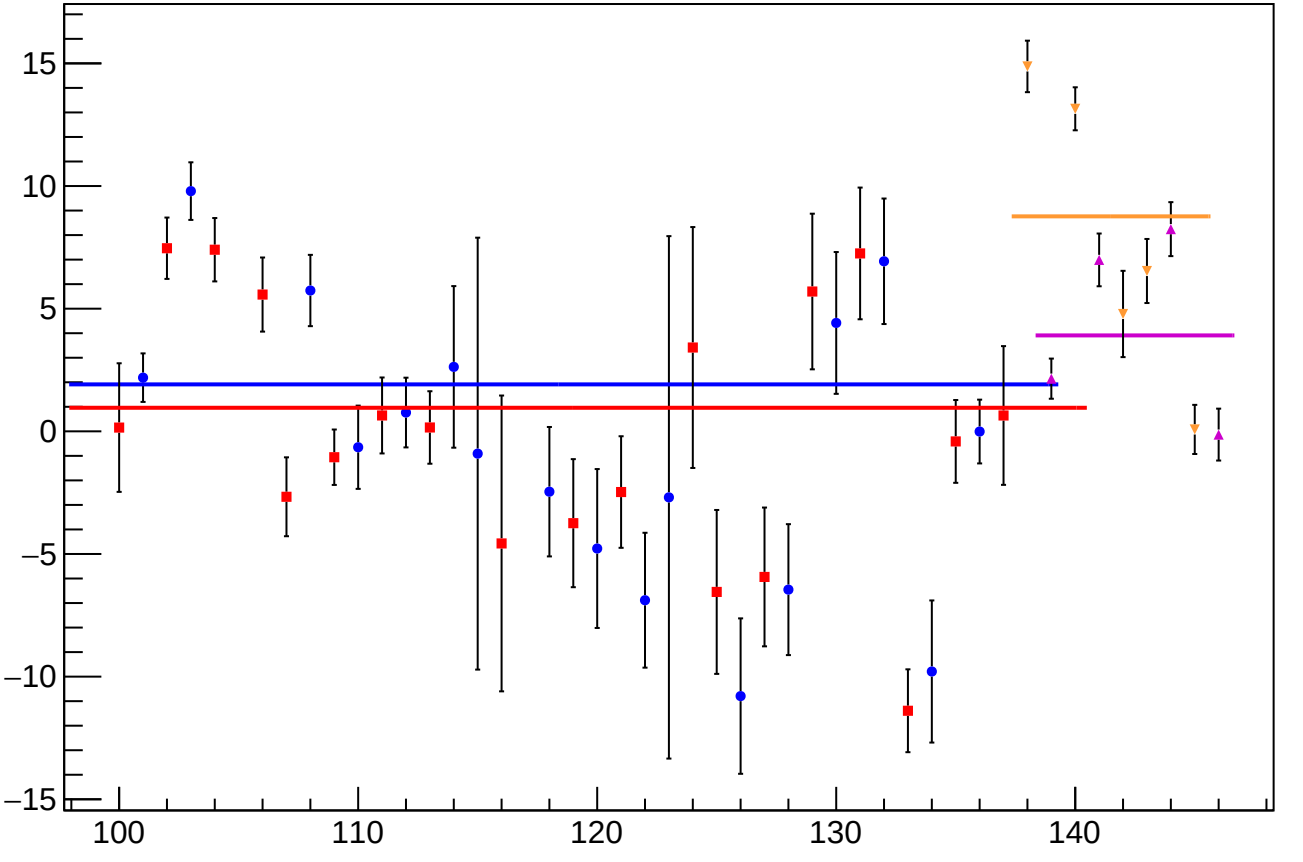
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 59.498+/-0.219 χ^2/NDF:1604.9/20

Out: 59.619+/-0.207 χ^2/NDF:1631.4/23

All: 59.562+/-0.151 χ^2/NDF: 3236.4/44

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 8.763+/-0.493 χ^2/NDF:142.1/4

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 3.910+/-0.495 χ^2/NDF:43.0/3

Left: 6.348+/-0.349 χ^2/NDF: 233.3/8

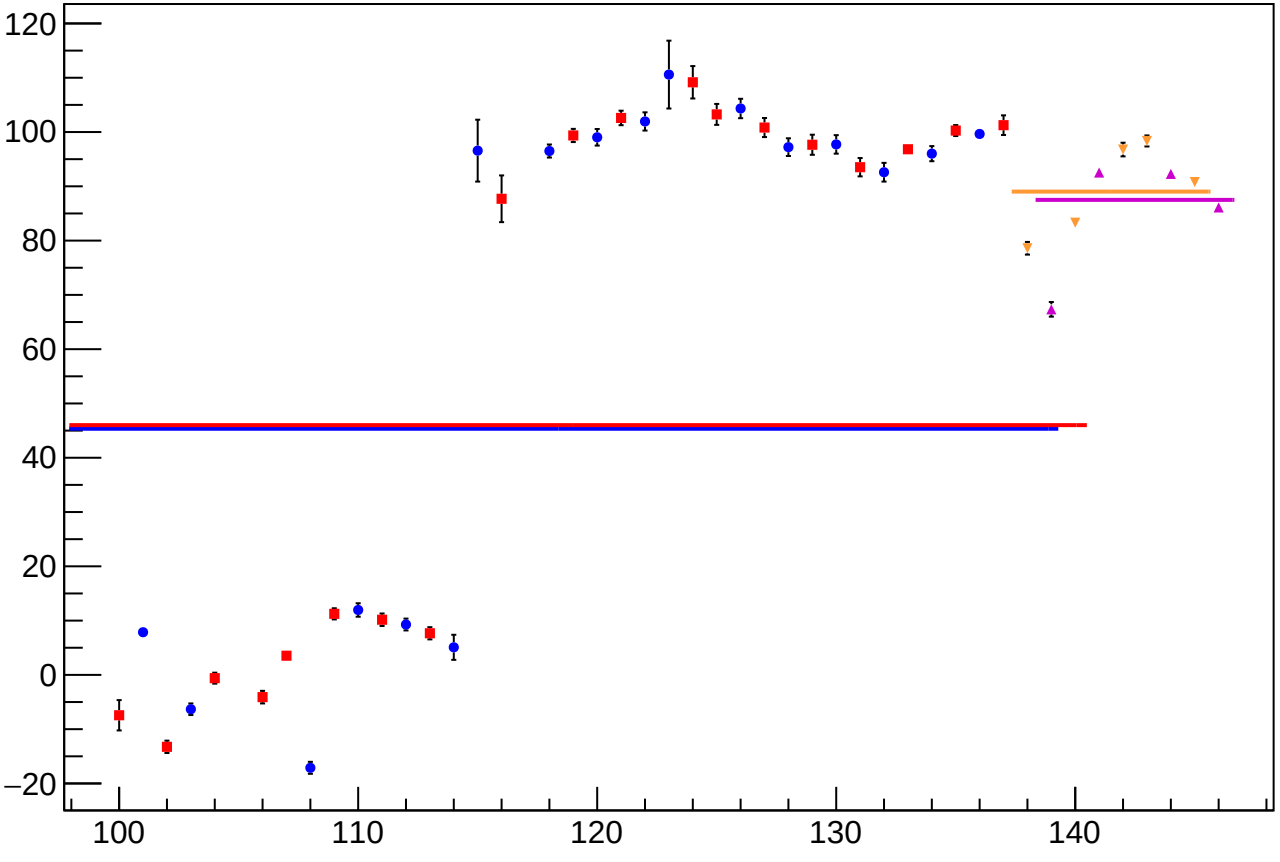
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 2.834+/-0.336 χ^2/NDF:173.3/20

Out: 4.280+/-0.322 χ^2/NDF:435.6/23

All: 3.589+/-0.232 χ^2/NDF: 618.6/44

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 89.027+/-0.446 χ^2/NDF:253.8/4

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 87.502+/-0.472 χ^2/NDF:290.4/3

Left: 88.307+/-0.324 χ^2/NDF: 549.6/8

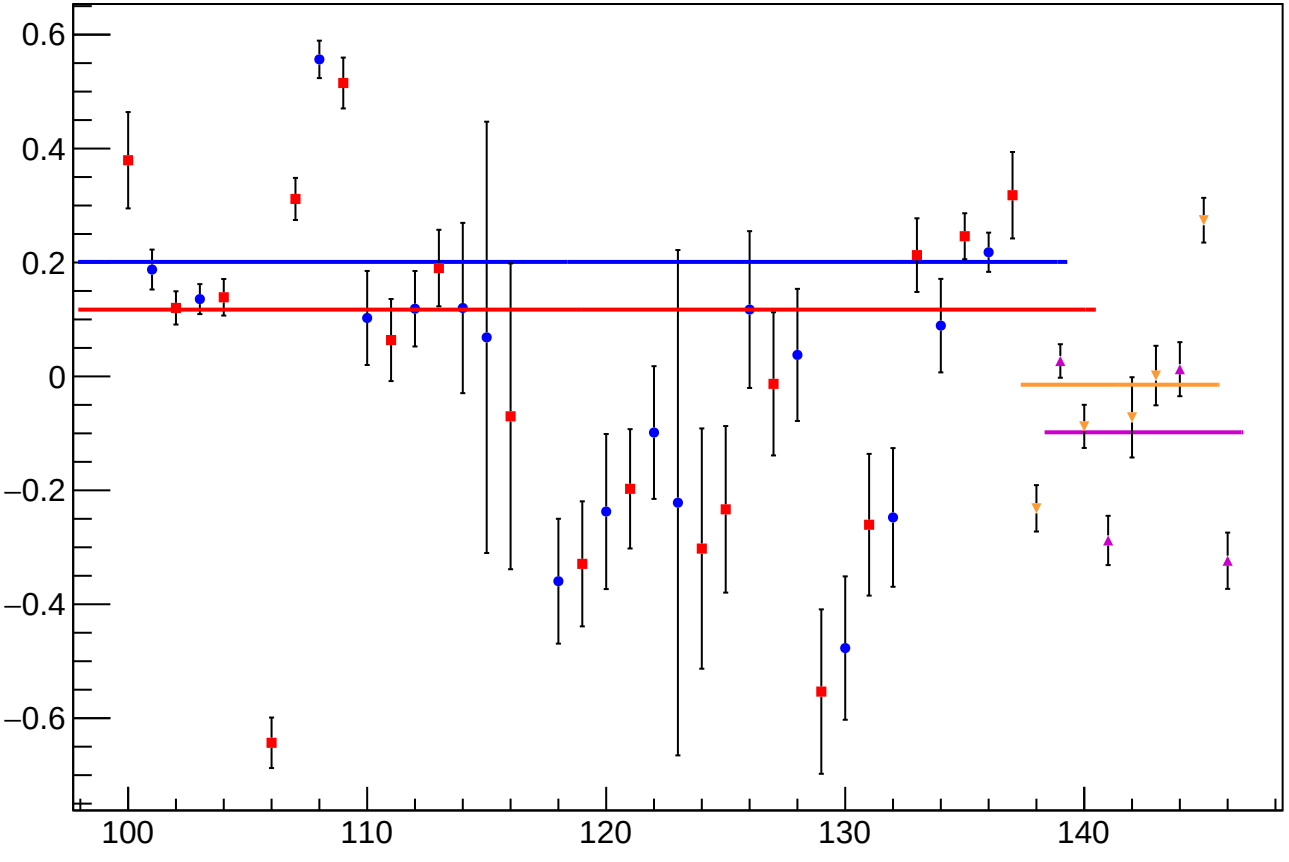
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 57.675+/-0.255 χ^2/NDF:31015.0/20

Out: 58.750+/-0.243 χ^2/NDF:35016.5/23

All: 58.239+/-0.176 χ^2/NDF: 66040.7/44

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.015+/-0.020 χ^2/NDF:87.0/4

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.098+/-0.020 χ^2/NDF:63.7/3

Left: -0.057+/-0.014 χ^2/NDF: 159.5/8

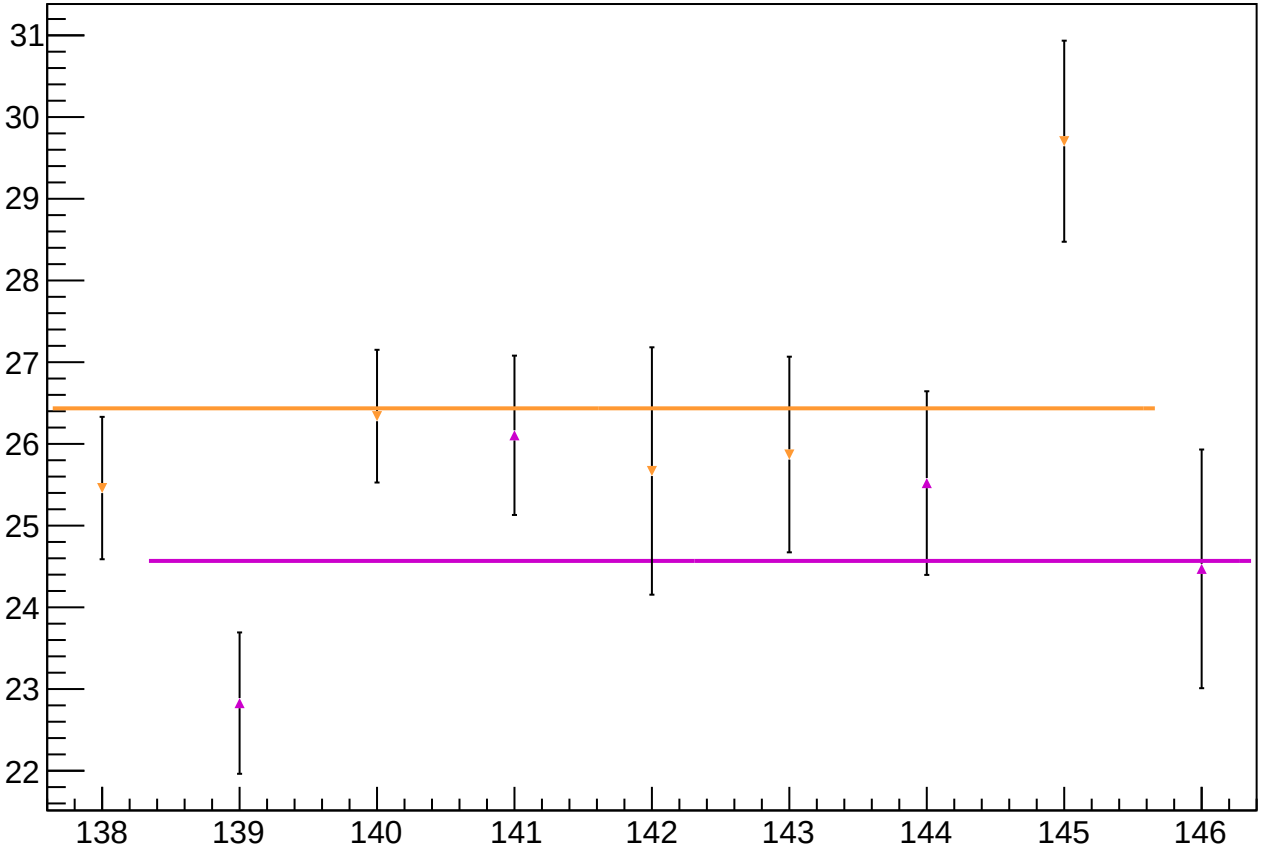
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: 0.101+/-0.011 χ^2/NDF:433.1/20

Out: 0.078+/-0.011 χ^2/NDF:617.8/23

All: 0.089+/-0.008 χ^2/NDF: 1053.1/44

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 26.435+/-0.465 χ^2/NDF:8.8/4

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

Left In: 24.568+/-0.523 χ^2/NDF:7.3/3

Left: 25.612+/-0.348 χ^2/NDF: 23.2/8

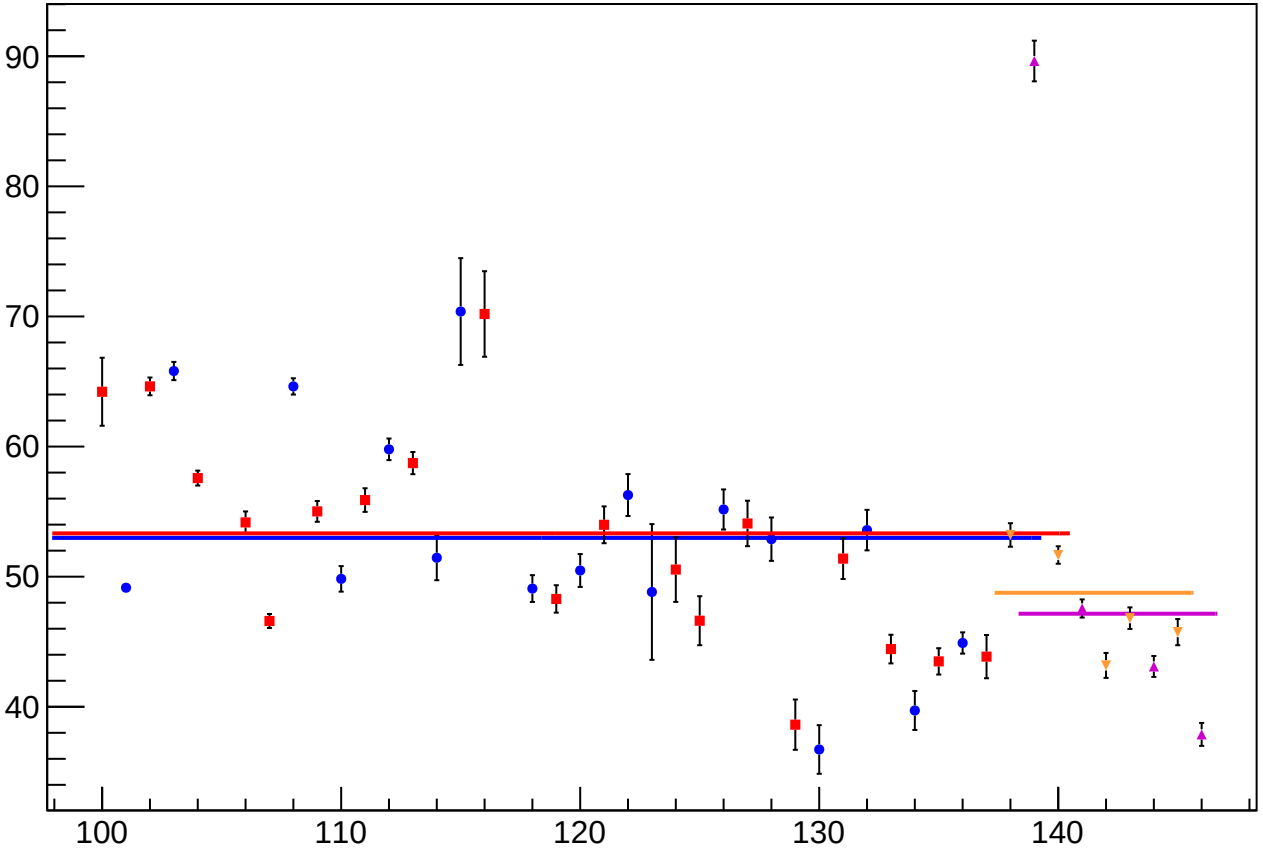
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 24.568+/-0.523 χ^2/NDF:7.3/3

Out: 26.435+/-0.465 χ^2/NDF:8.8/4

All: 25.612+/-0.348 χ^2/NDF: 23.2/8

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 48.761+/-0.378 χ^2/NDF:91.5/4

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 47.153+/-0.434 χ^2/NDF:874.9/3

Left: 48.068+/-0.285 χ^2/NDF: 974.2/8

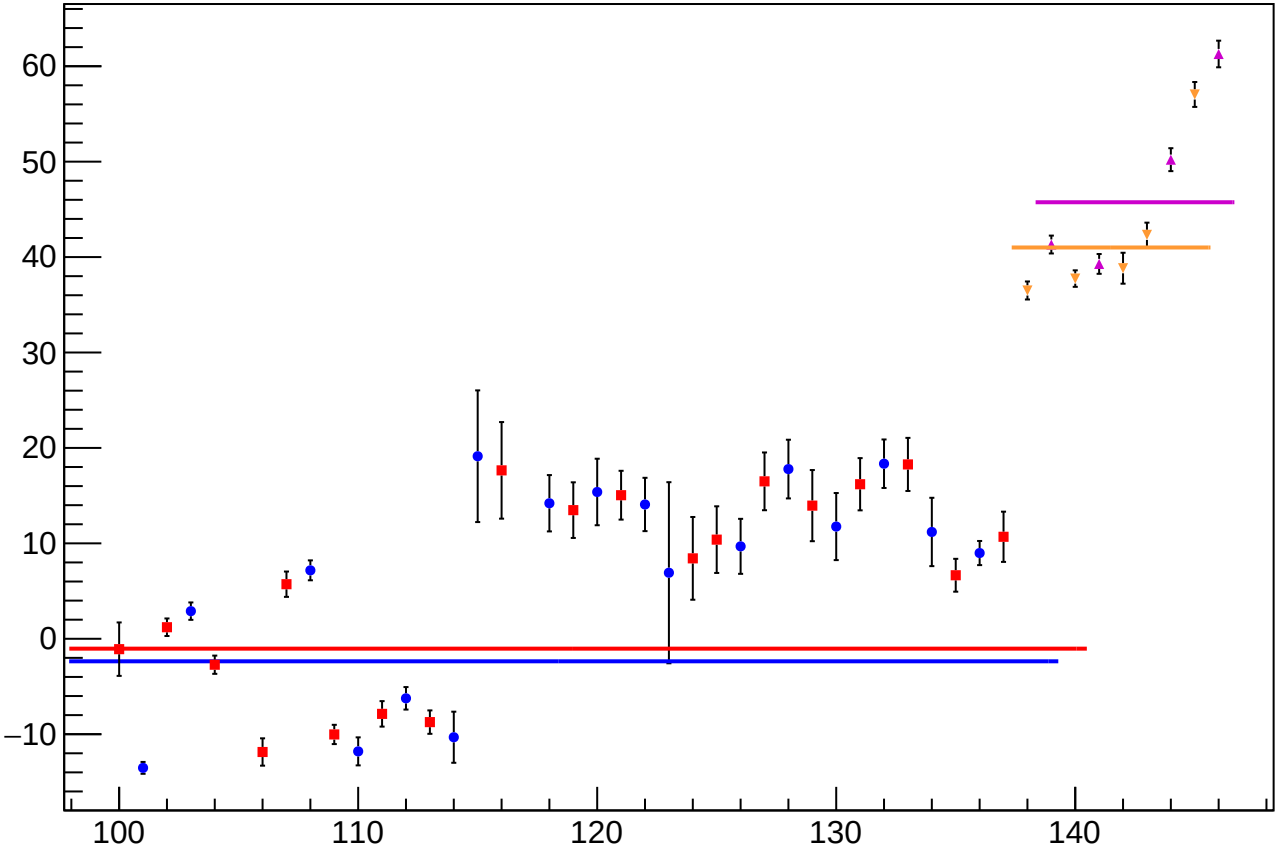
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 51.876+/-0.189 χ^2/NDF:2218.5/20

Out: 52.121+/-0.194 χ^2/NDF:1071.5/23

All: 51.995+/-0.136 χ^2/NDF: 3290.8/44

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 41.004+/-0.498 χ^2/NDF:190.8/4

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 45.746+/-0.552 χ^2/NDF:199.0/3

Left: 43.129+/-0.370 χ^2/NDF: 430.5/8

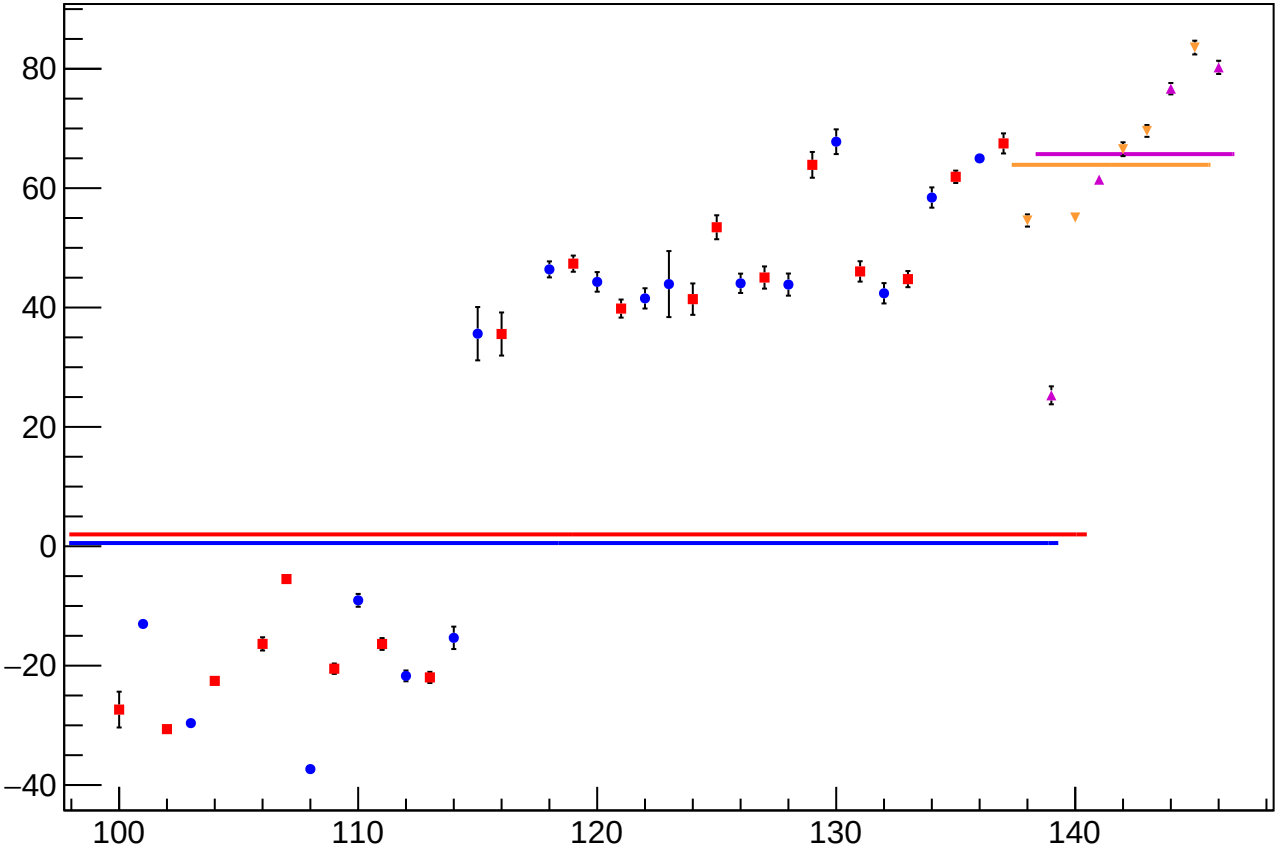
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 12.193+/-0.304 χ^2/NDF:6329.3/20

Out: 14.287+/-0.300 χ^2/NDF:5232.7/23

All: 13.252+/-0.214 χ^2/NDF: 11586.1/44

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 63.910+/-0.448 χ^2/NDF:529.1/4

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 65.703+/-0.514 χ^2/NDF:1051.3/3

Left: 64.683+/-0.338 χ^2/NDF: 1587.3/8

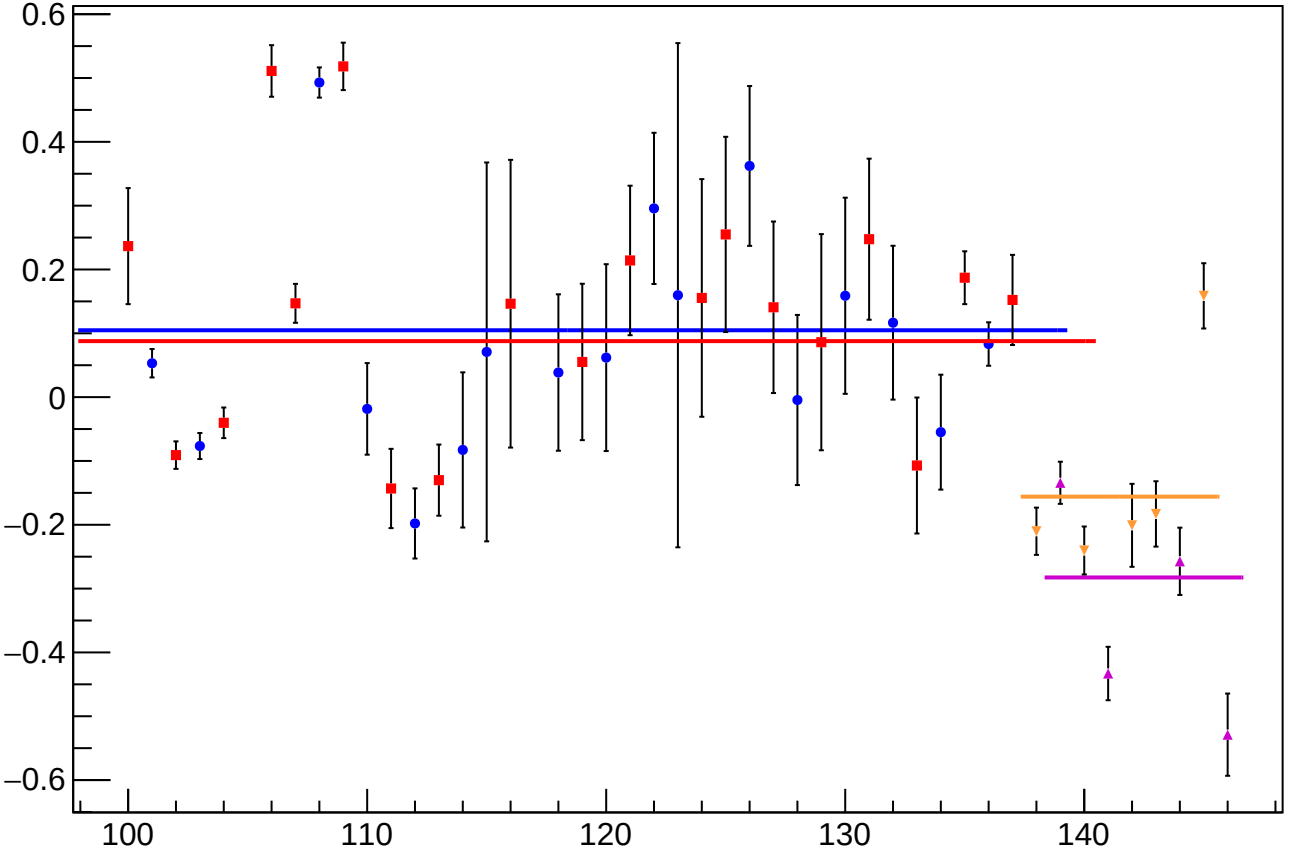
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 12.734+/-0.222 χ^2/NDF:32528.4/20

Out: 18.200+/-0.229 χ^2/NDF:30137.1/23

All: 15.388+/-0.160 χ^2/NDF: 62958.8/44

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.156+/-0.020 χ^2/NDF:45.8/4

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.283+/-0.022 χ^2/NDF:48.0/3

Left: -0.214+/-0.015 χ^2/NDF: 111.8/8

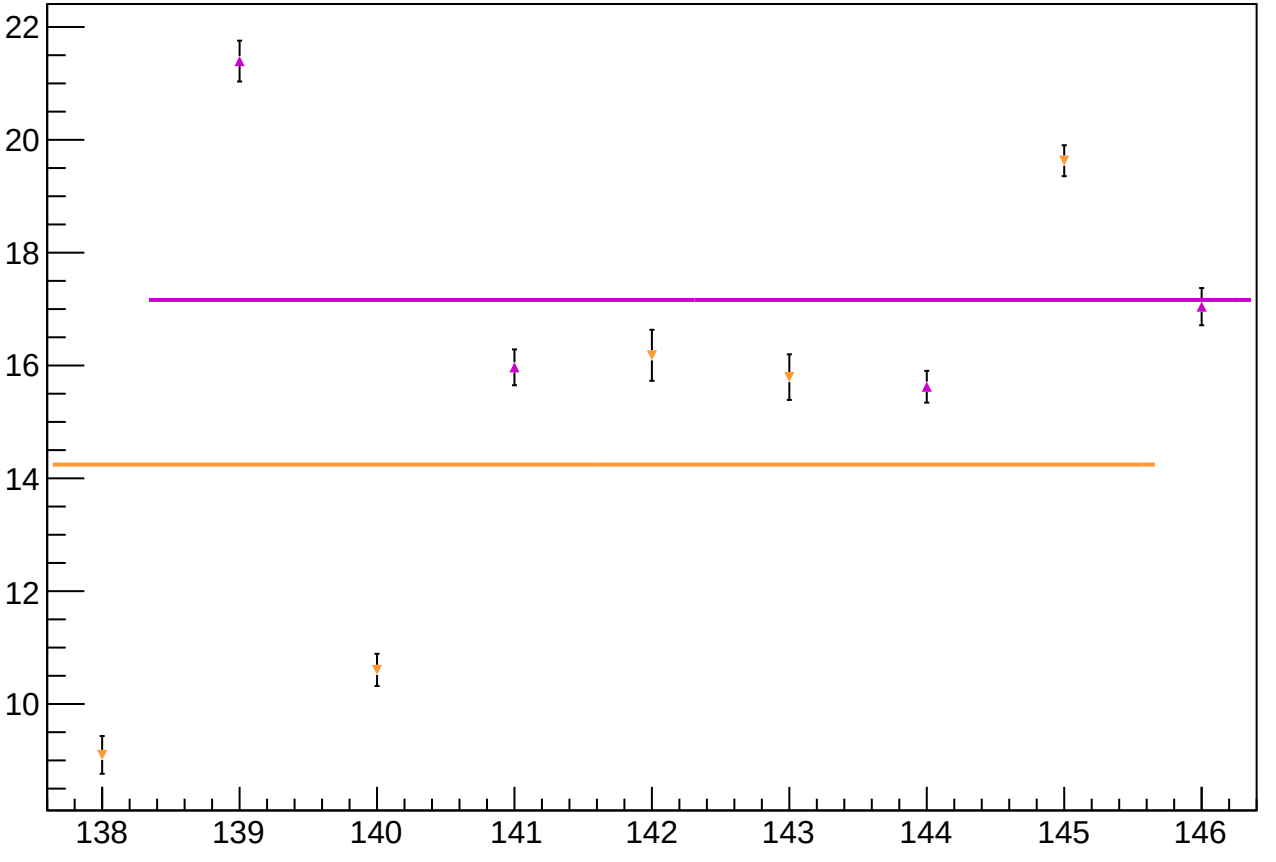
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: 0.026+/-0.010 χ^2/NDF:698.6/20

Out: 0.032+/-0.010 χ^2/NDF:548.6/23

All: 0.029+/-0.007 χ^2/NDF: 1247.4/44

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.244+/-0.148 χ^2/NDF:818.5/4

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

Left In: 17.162+/-0.160 χ^2/NDF:180.8/3

Left: 15.596+/-0.109 χ^2/NDF: 1179.0/8

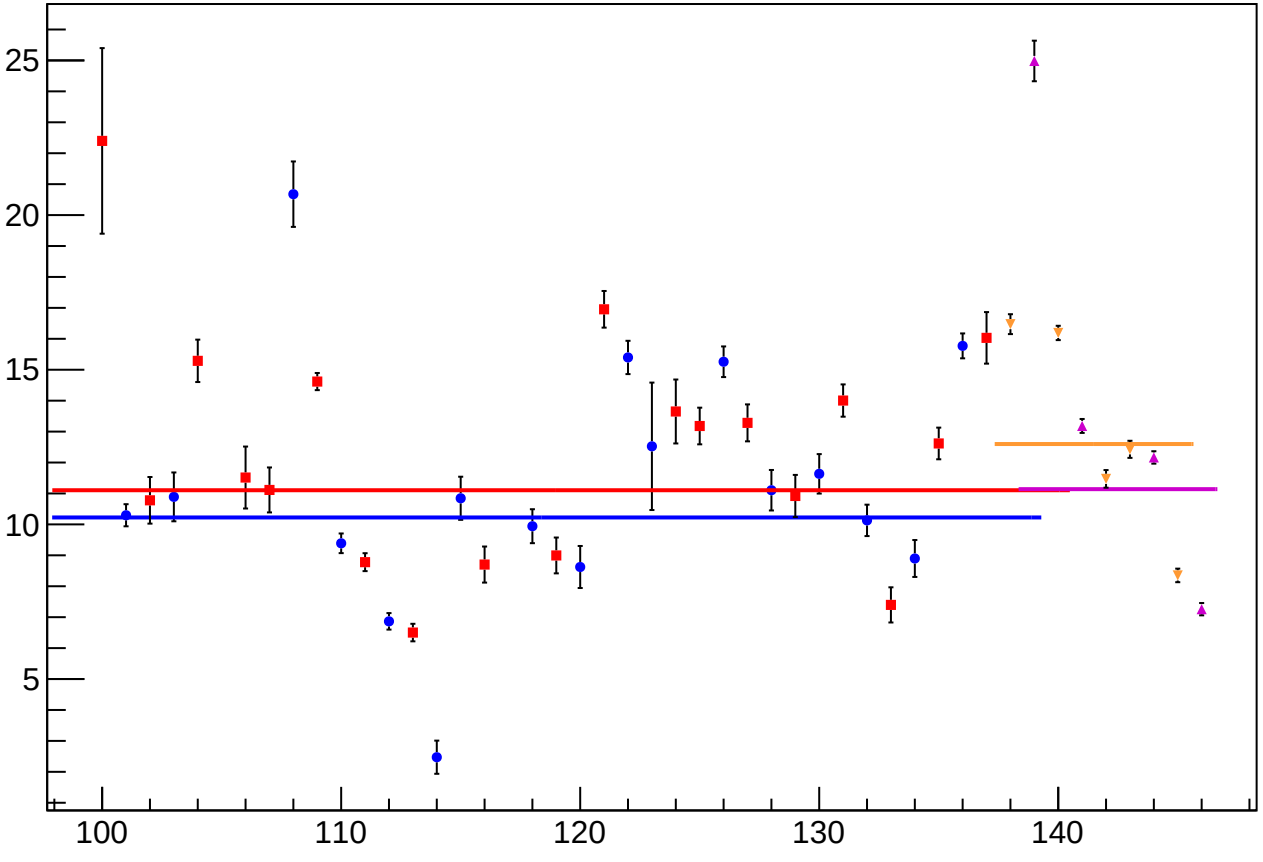
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 17.162+/-0.160 χ^2/NDF:180.8/3

Out: 14.244+/-0.148 χ^2/NDF:818.5/4

All: 15.596+/-0.109 χ^2/NDF: 1179.0/8

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 12.598+/-0.116 χ^2/NDF:777.4/4

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 11.139+/-0.118 χ^2/NDF:933.7/3

Left: 11.881+/-0.083 χ^2/NDF: 1789.1/8

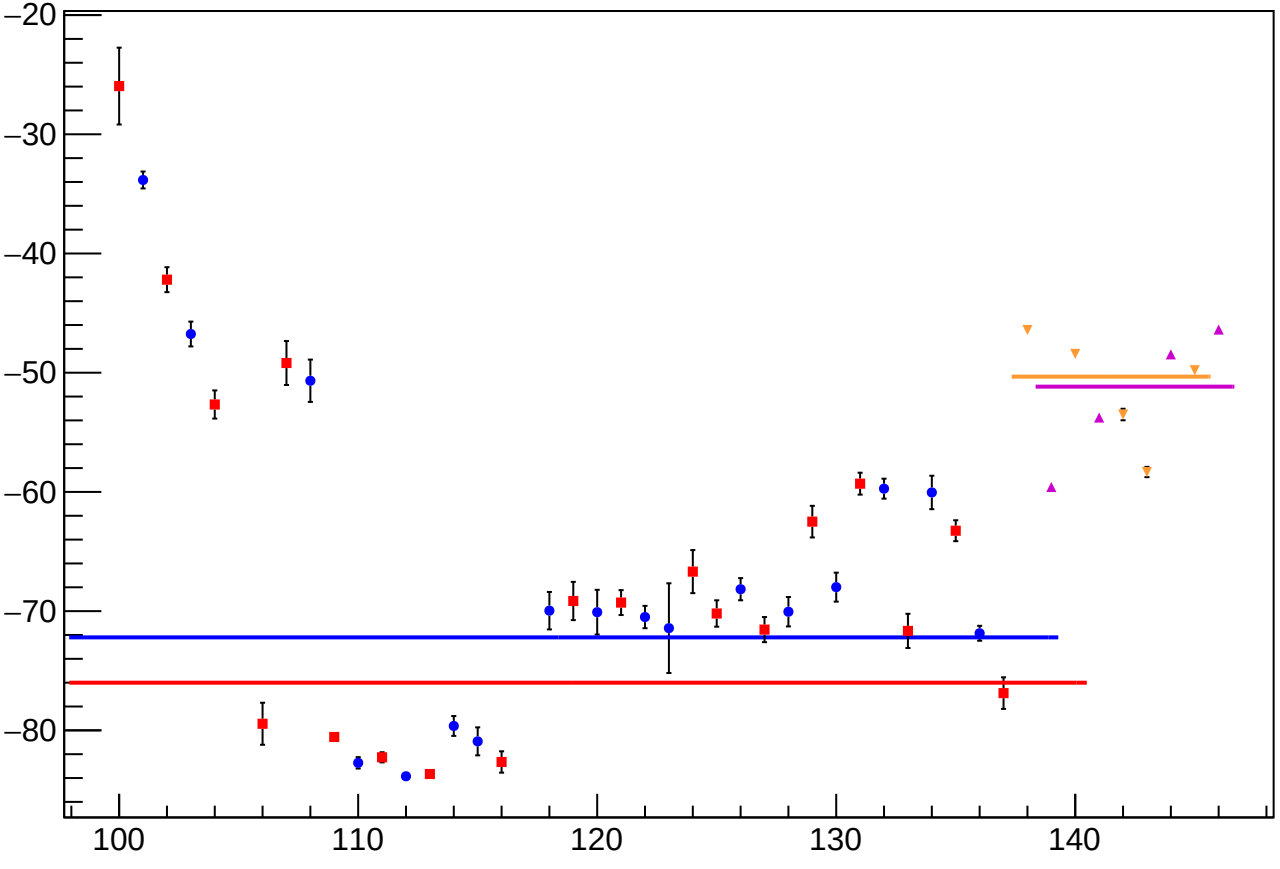
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 10.686+/-0.084 χ^2/NDF:1841.2/20

Out: 11.855+/-0.082 χ^2/NDF:1677.3/23

All: 11.281+/-0.059 χ^2/NDF: 3617.9/44

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -50.329+/-0.159 χ^2/NDF:546.7/4

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -51.169+/-0.166 χ^2/NDF:829.8/3

Left: -50.729+/-0.115 χ^2/NDF: 1389.9/8

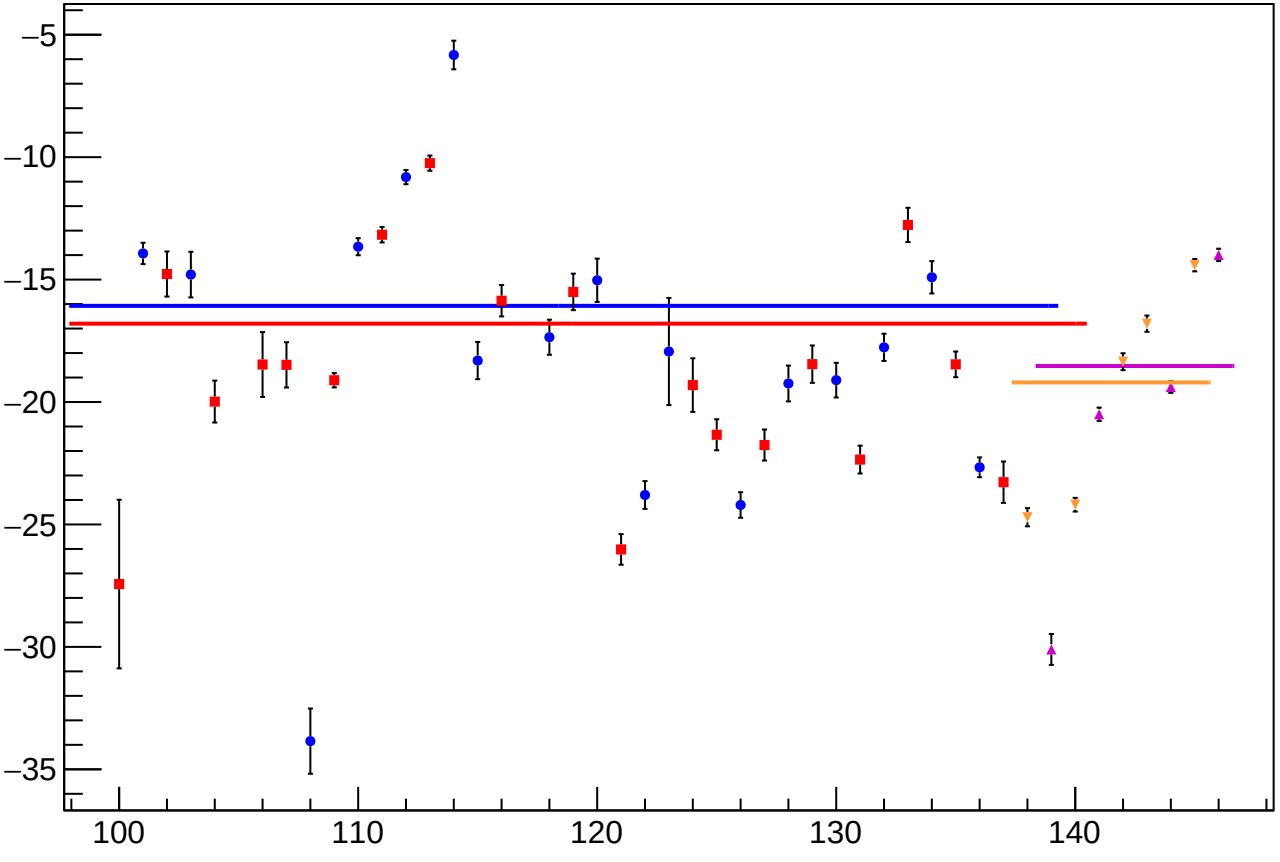
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -59.876+/-0.127 χ^2/NDF:13029.3/20

Out: -61.481+/-0.119 χ^2/NDF:15401.1/23

All: -60.730+/-0.087 χ^2/NDF: 28515.1/44

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -19.200+/-0.137 χ^2/NDF:952.0/4

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -18.528+/-0.142 χ^2/NDF:722.6/3

Left: -18.877+/-0.099 χ^2/NDF: 1686.1/8

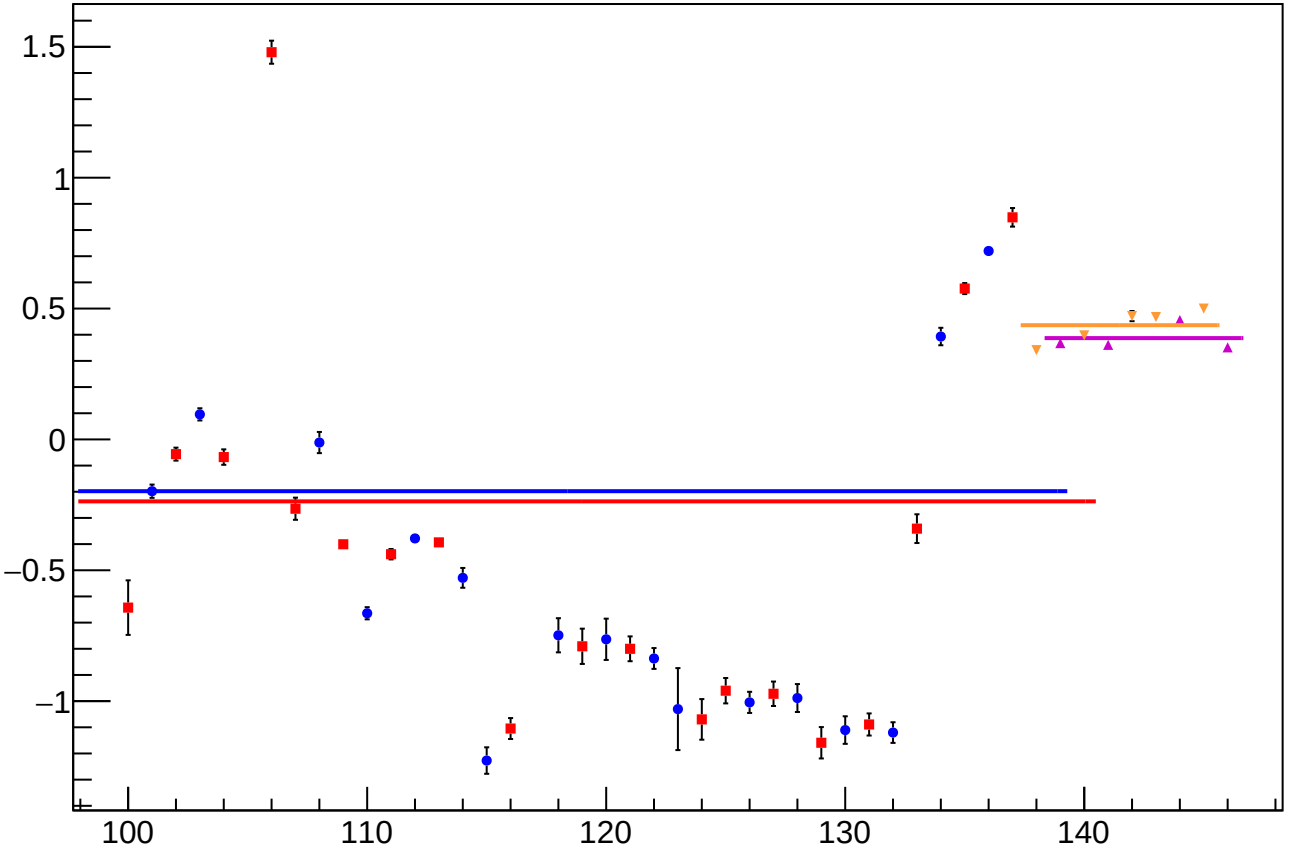
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -17.208+/-0.097 χ^2/NDF:2523.4/20

Out: -17.916+/-0.094 χ^2/NDF:2331.0/23

All: -17.574+/-0.067 χ^2/NDF: 4882.0/44

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.436+/-0.006 χ^2/NDF:89.2/4

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.387+/-0.007 χ^2/NDF:39.0/3

Left: 0.413+/-0.005 χ^2/NDF: 155.5/8

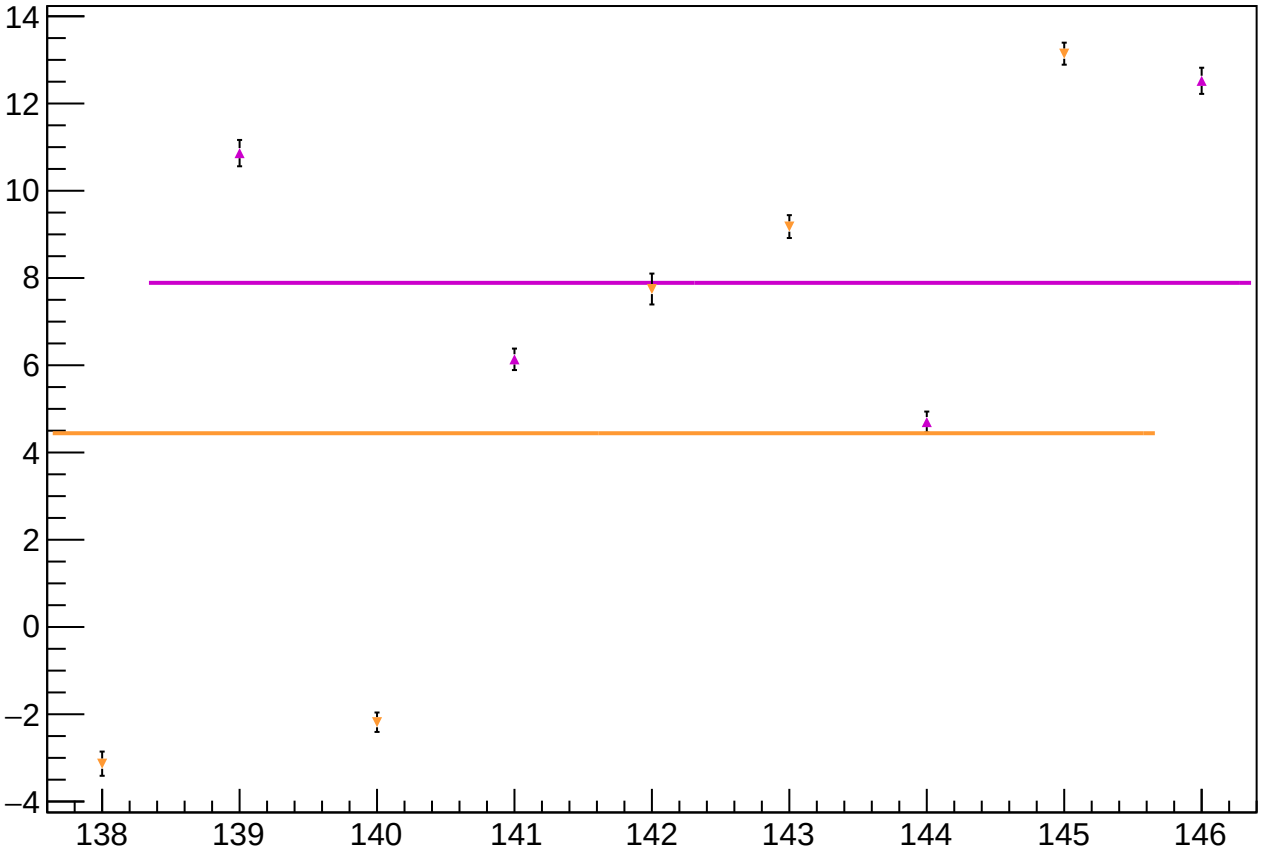
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.120+/-0.005 χ^2/NDF:9655.5/20

Out: 0.136+/-0.005 χ^2/NDF:11187.1/23

All: 0.128+/-0.003 χ^2/NDF: 20847.4/44

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 4.442+/-0.118 χ^2/NDF:3231.6/4

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

Left In: 7.889+/-0.134 χ^2/NDF:562.6/3

Left: 5.956+/-0.089 χ^2/NDF: 4166.8/8

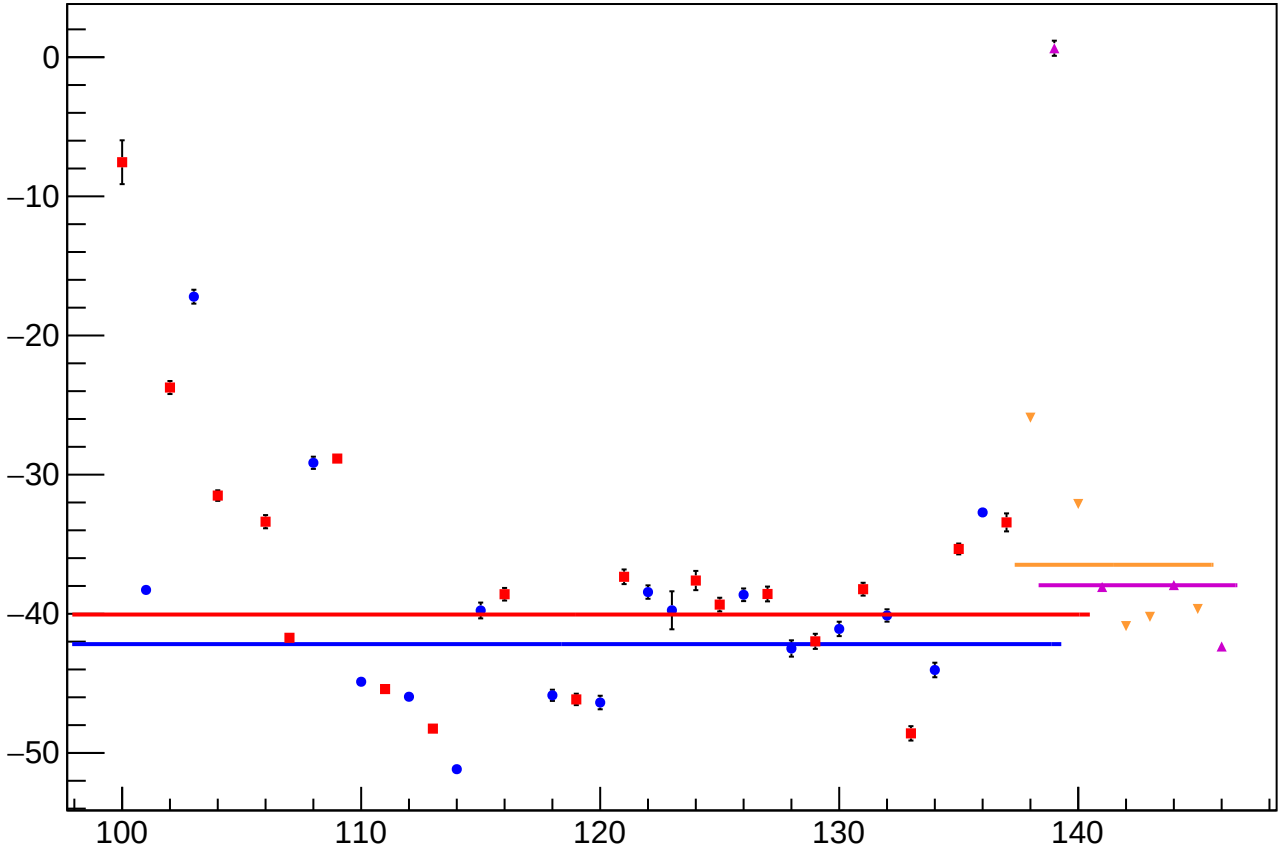
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.889+/-0.134 χ^2/NDF:562.6/3

Out: 4.442+/-0.118 χ^2/NDF:3231.6/4

All: 5.956+/-0.089 χ^2/NDF: 4166.8/8

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -36.477+/-0.092 χ^2/NDF:3184.4/4

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -37.947+/-0.101 χ^2/NDF:5577.7/3

Left: -37.145+/-0.068 χ^2/NDF: 8878.9/8

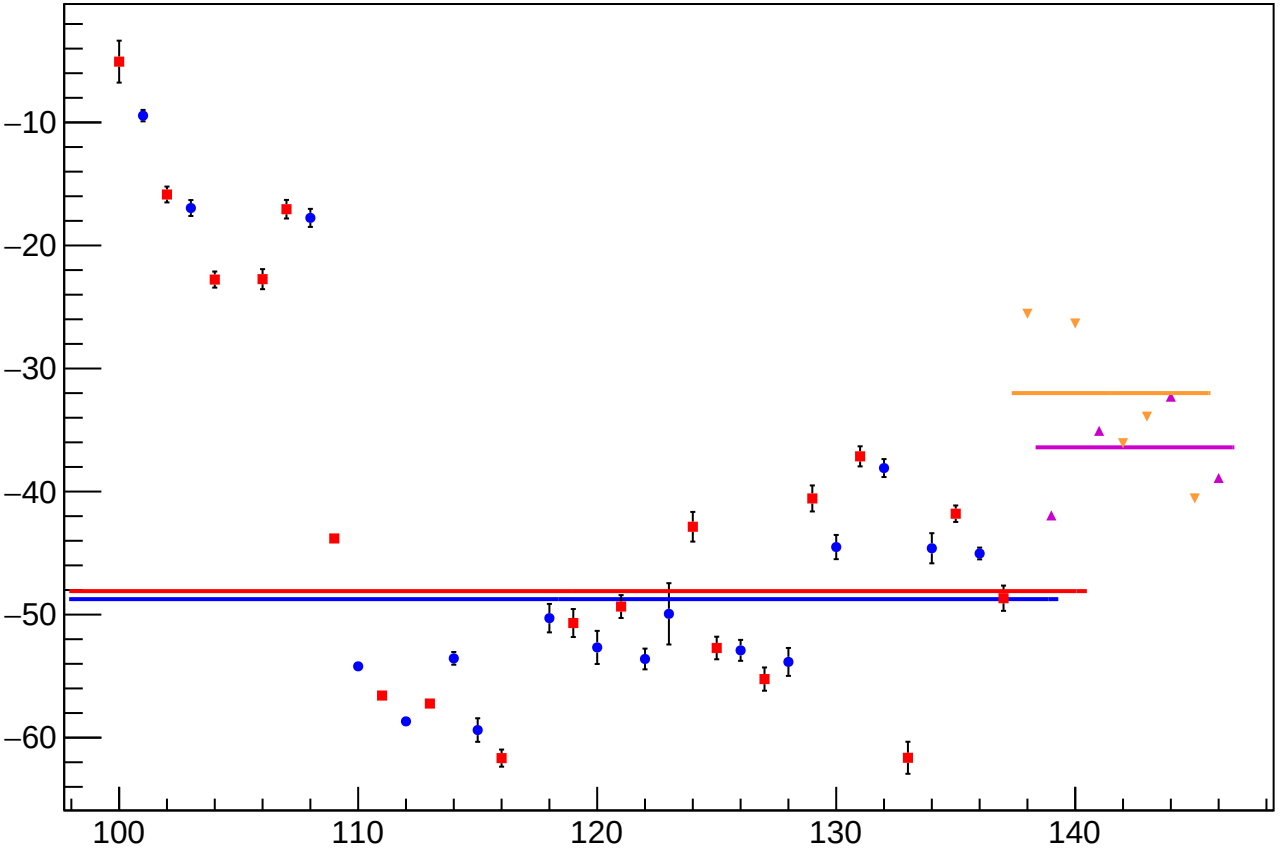
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -40.594+/-0.062 χ^2/NDF:13260.0/20

Out: -38.670+/-0.057 χ^2/NDF:15430.5/23

All: -39.559+/-0.042 χ^2/NDF: 29217.1/44

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -31.997+/-0.127 χ^2/NDF:2207.8/4

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -36.406+/-0.140 χ^2/NDF:644.2/3

Left: -33.982+/-0.094 χ^2/NDF: 3398.5/8

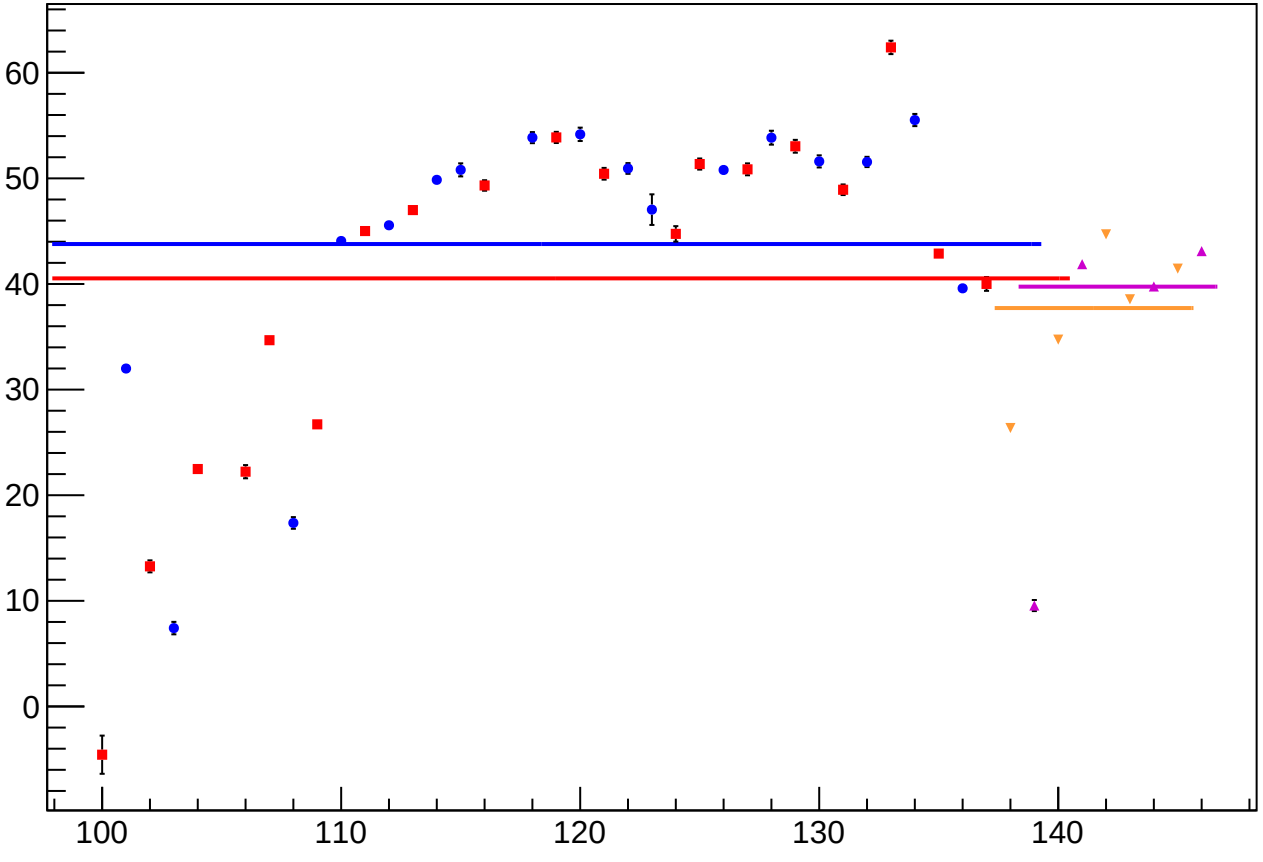
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -43.291+/-0.093 χ^2/NDF:19647.1/20

Out: -41.365+/-0.082 χ^2/NDF:23355.2/23

All: -42.206+/-0.061 χ^2/NDF: 43244.3/44

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 37.722+/-0.109 χ^2/NDF:2452.4/4

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 39.747+/-0.121 χ^2/NDF:3625.4/3

Left: 38.632+/-0.081 χ^2/NDF: 6233.0/8

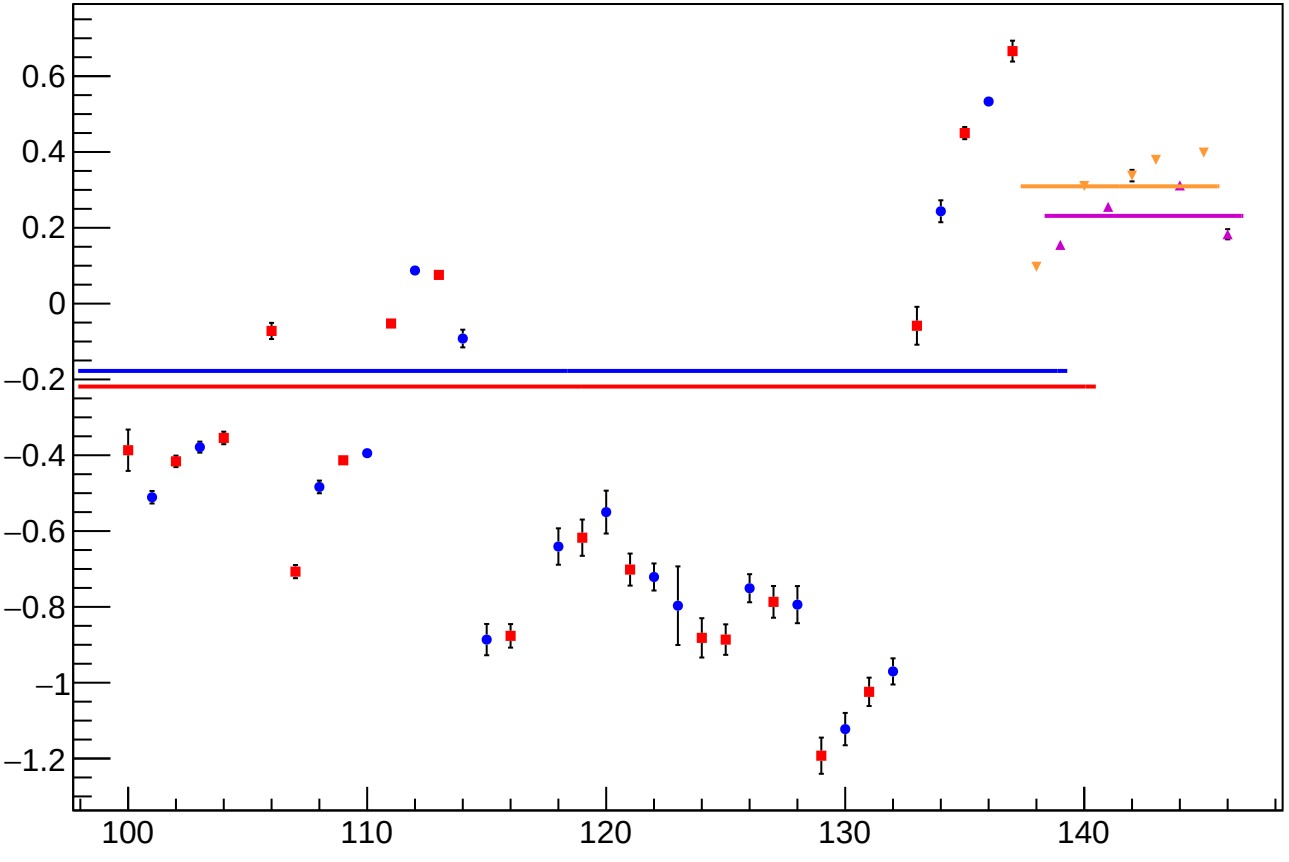
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 42.410+/-0.070 χ^2/NDF:15002.0/20

Out: 39.544+/-0.065 χ^2/NDF:20464.1/23

All: 40.854+/-0.048 χ^2/NDF: 36366.5/44

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.309+/-0.005 χ^2/NDF:429.0/4

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.231+/-0.006 χ^2/NDF:113.5/3

Left: 0.275+/-0.004 χ^2/NDF: 644.0/8

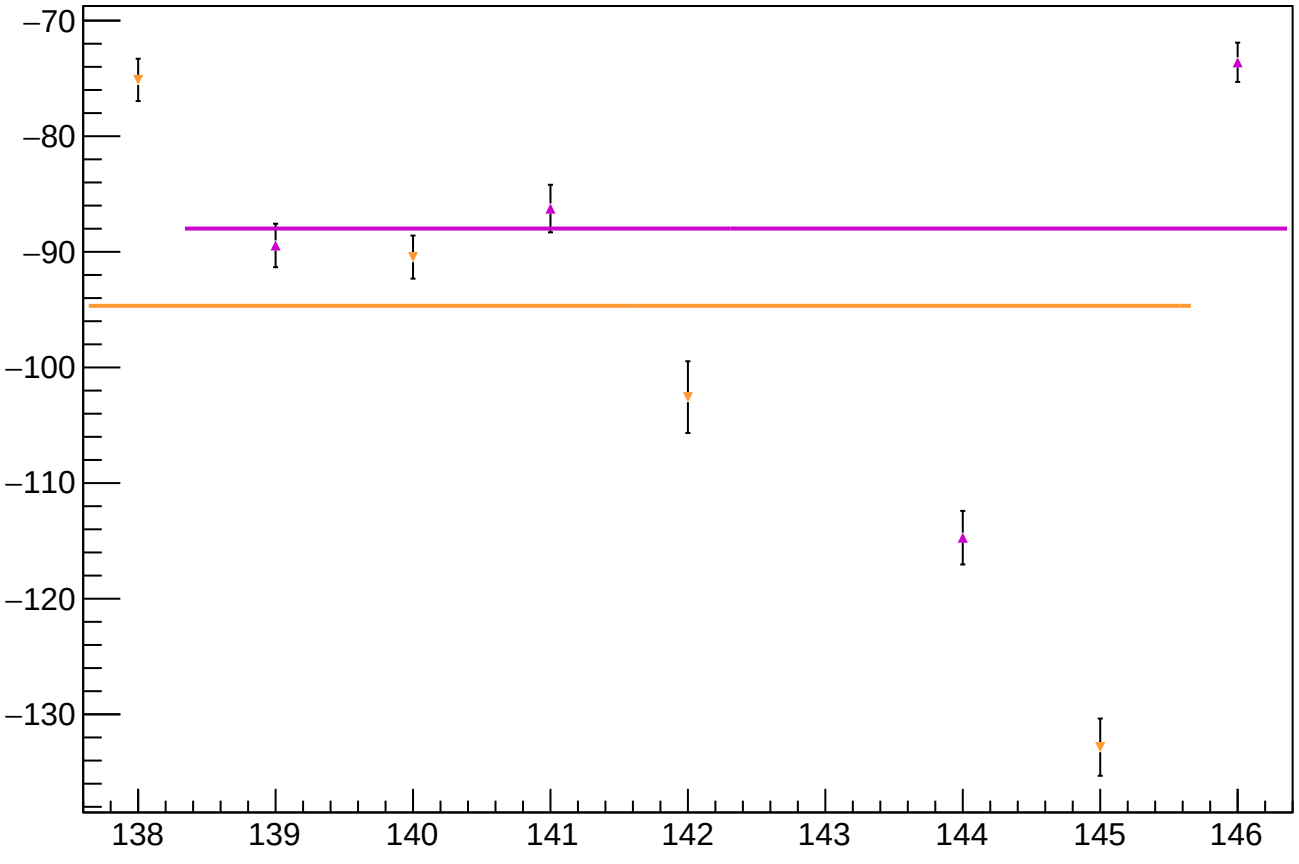
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: -0.009+/-0.004 χ^2/NDF:10438.6/20

Out: -0.002+/-0.003 χ^2/NDF:14094.9/23

All: -0.005+/-0.002 χ^2/NDF: 24535.5/44

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -94.668+/-1.082 χ^2/NDF:363.3/3

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

Left In: -87.986+/-0.975 χ^2/NDF:206.0/3

Left: -90.980+/-0.724 χ^2/NDF: 590.4/7

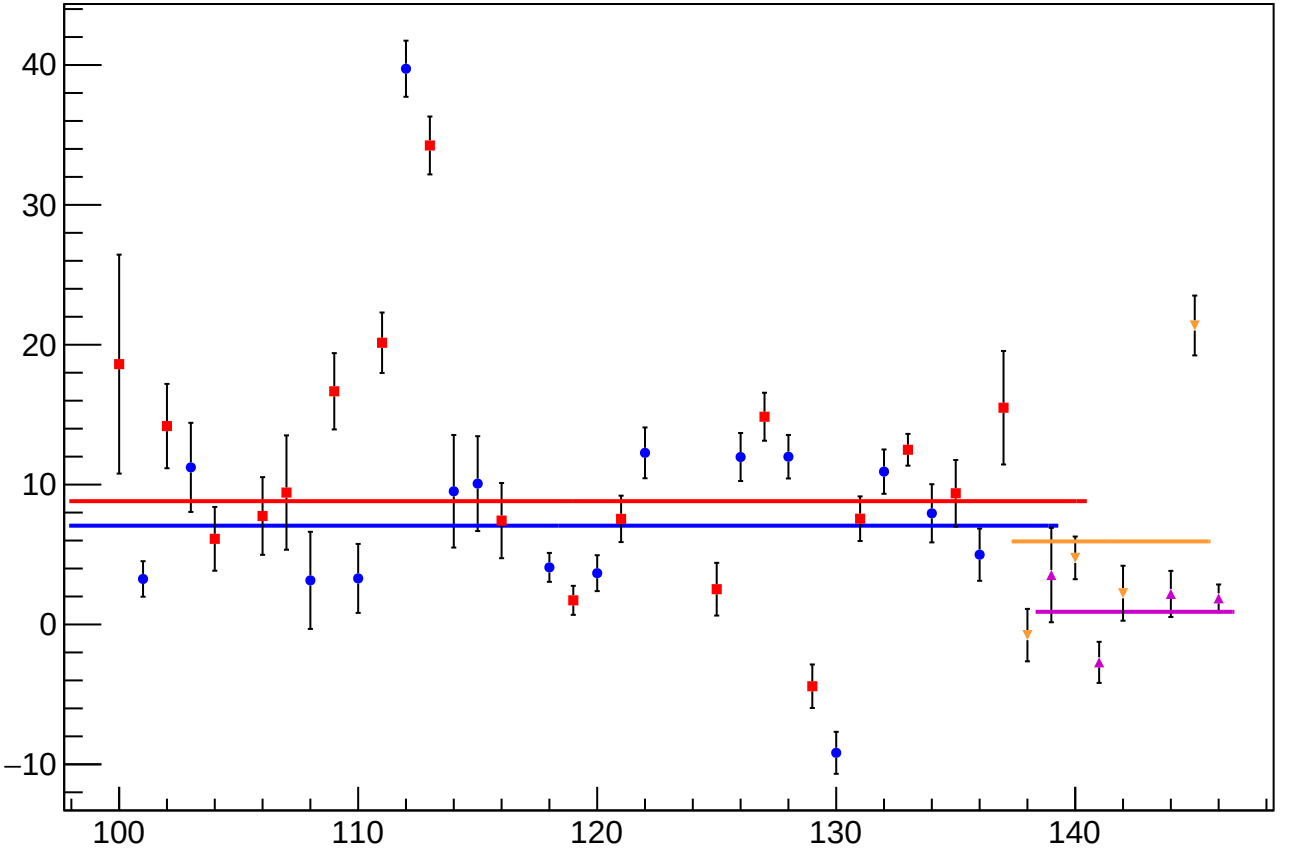
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -87.986+/-0.975 χ^2/NDF:206.0/3

Out: -94.668+/-1.082 χ^2/NDF:363.3/3

All: -90.980+/-0.724 χ^2/NDF: 590.4/7

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 5.939+/-0.916 χ^2/NDF:69.0/3

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 0.906+/-0.719 χ^2/NDF:8.2/3

Left: 2.823+/-0.565 χ^2/NDF: 95.9/7

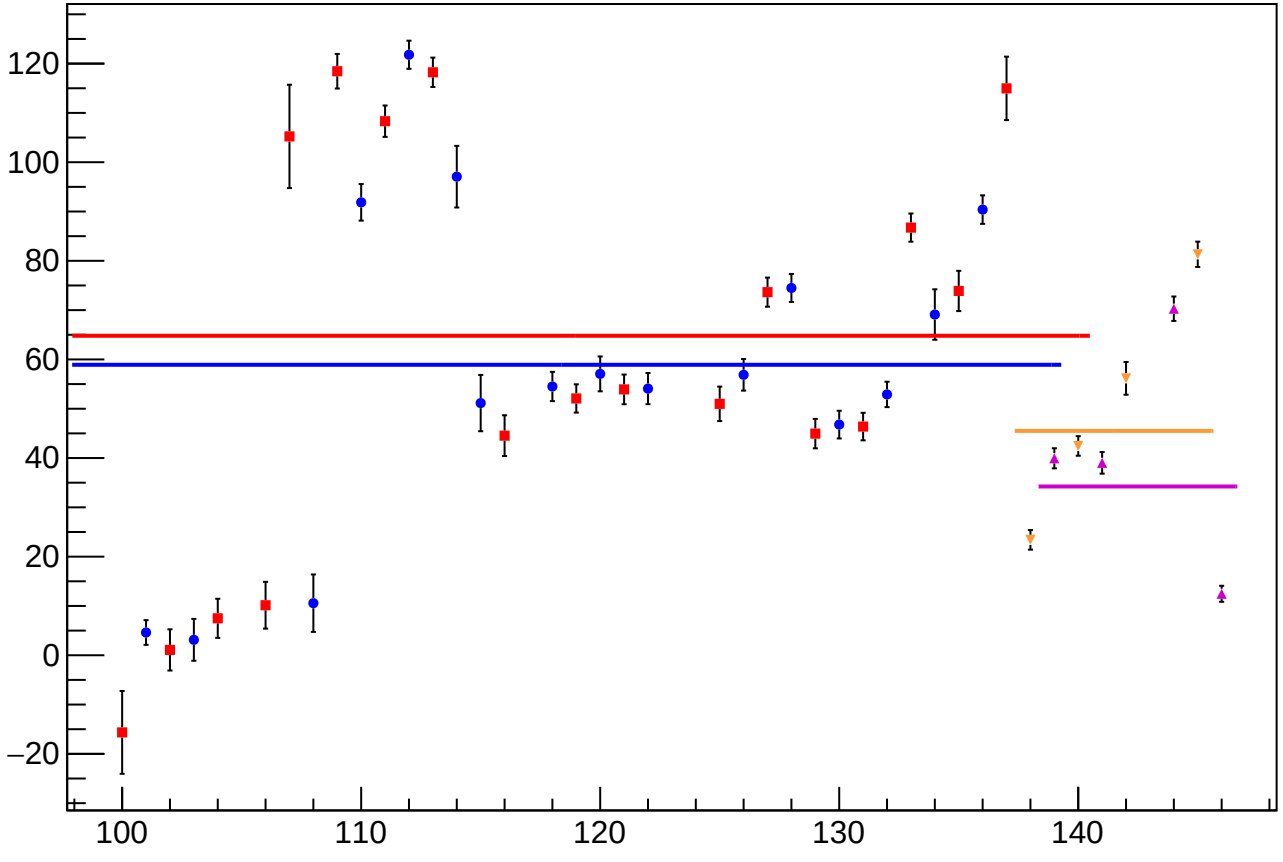
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 5.420+/-0.371 χ^2/NDF:508.9/19

Out: 8.259+/-0.403 χ^2/NDF:427.3/21

All: 6.722+/-0.273 χ^2/NDF: 963.0/41

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 45.508+/-1.154 χ^2/NDF:331.1/3

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 34.231+/-1.004 χ^2/NDF:403.8/3

Left: 39.090+/-0.758 χ^2/NDF: 789.2/7

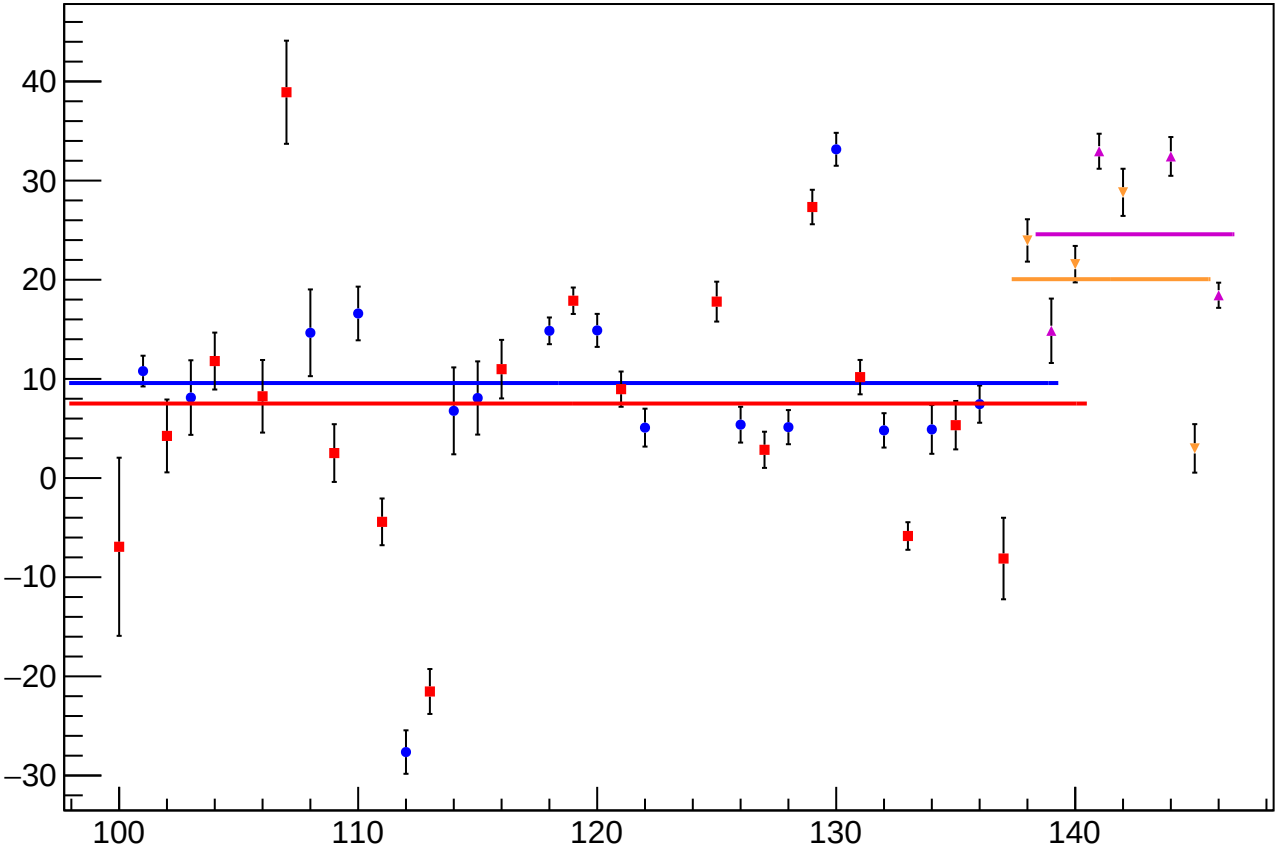
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 48.877+/-0.640 χ^2/NDF:2258.8/19

Out: 58.121+/-0.679 χ^2/NDF:2231.9/21

All: 53.227+/-0.466 χ^2/NDF: 4588.7/41

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 20.057+/-1.079 χ^2/NDF:66.3/3

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 24.586+/-0.878 χ^2/NDF:71.0/3

Left: 22.782+/-0.681 χ^2/NDF: 147.9/7

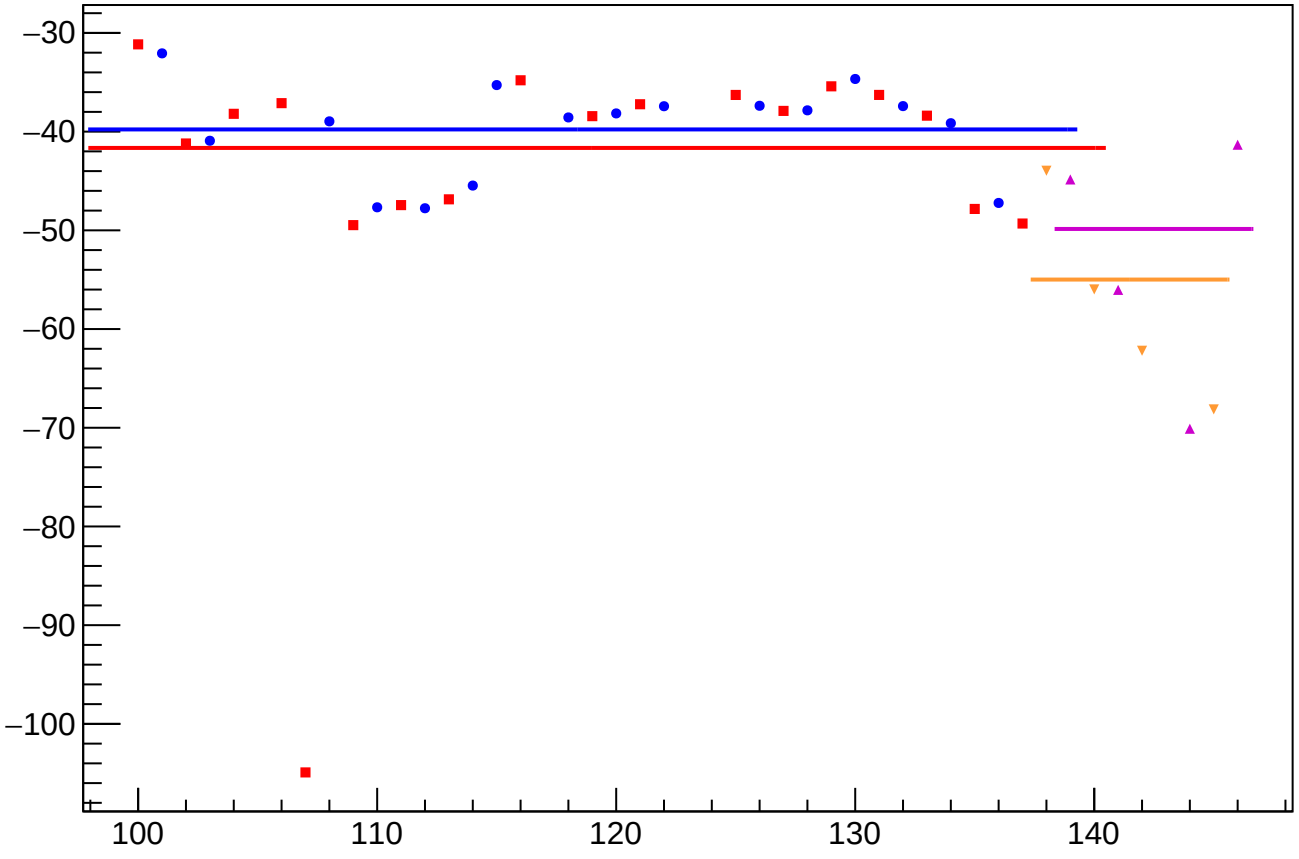
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 13.269+/-0.435 χ^2/NDF:845.7/19

Out: 9.847+/-0.465 χ^2/NDF:746.0/21

All: 11.672+/-0.318 χ^2/NDF: 1620.5/41

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -54.987+/-0.047 χ^2/NDF:39723.0/3

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -49.860+/-0.041 χ^2/NDF:57387.1/3

Left: -52.087+/-0.031 χ^2/NDF: 103803.1/7

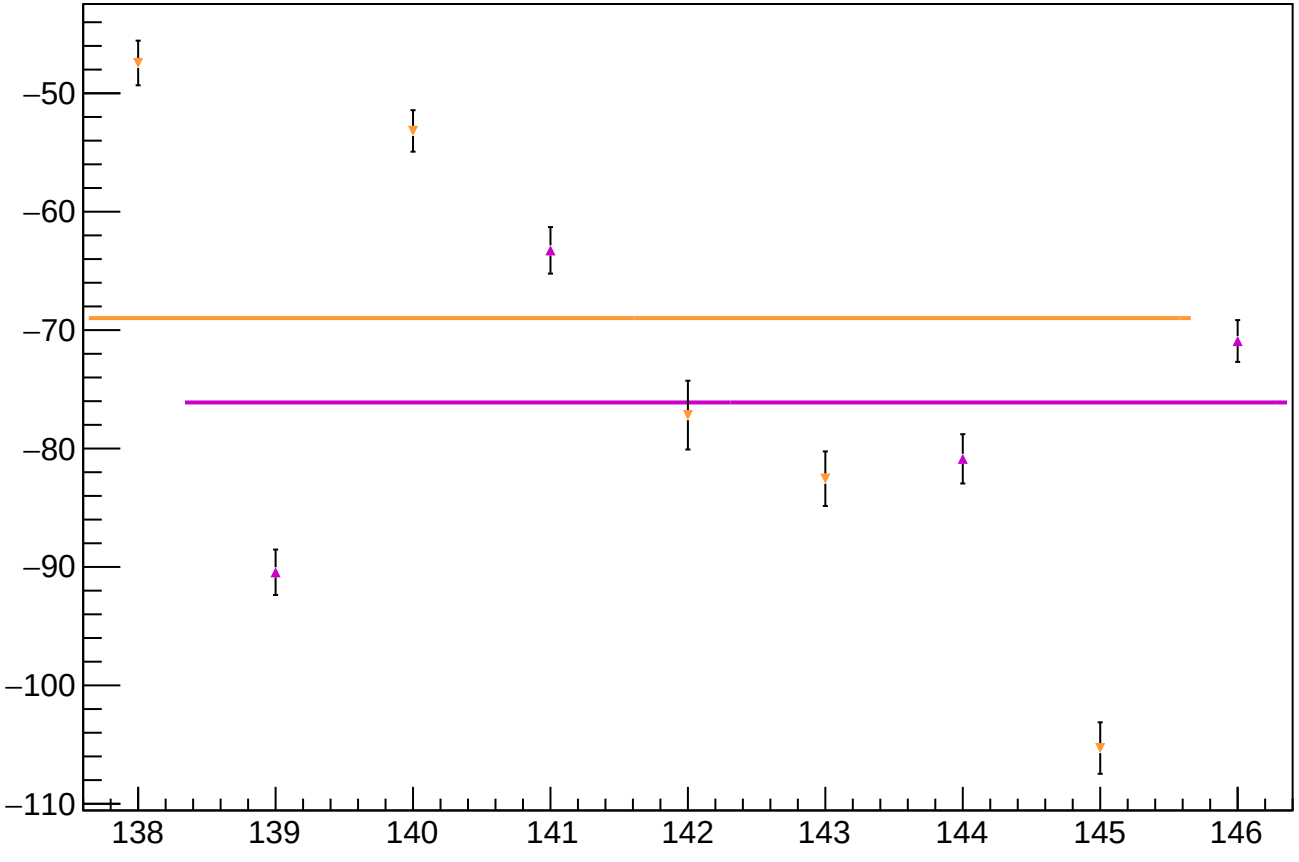
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -43.420+/-0.025 χ^2/NDF:121603.5/19

Out: -45.713+/-0.026 χ^2/NDF:189865.0/21

All: -44.513+/-0.018 χ^2/NDF: 315535.8/41

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -68.985+/-0.942 χ^2/NDF:533.6/4

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

Left In: -76.108+/-0.961 χ^2/NDF:112.4/3

Left: -72.476+/-0.673 χ^2/NDF: 674.0/8

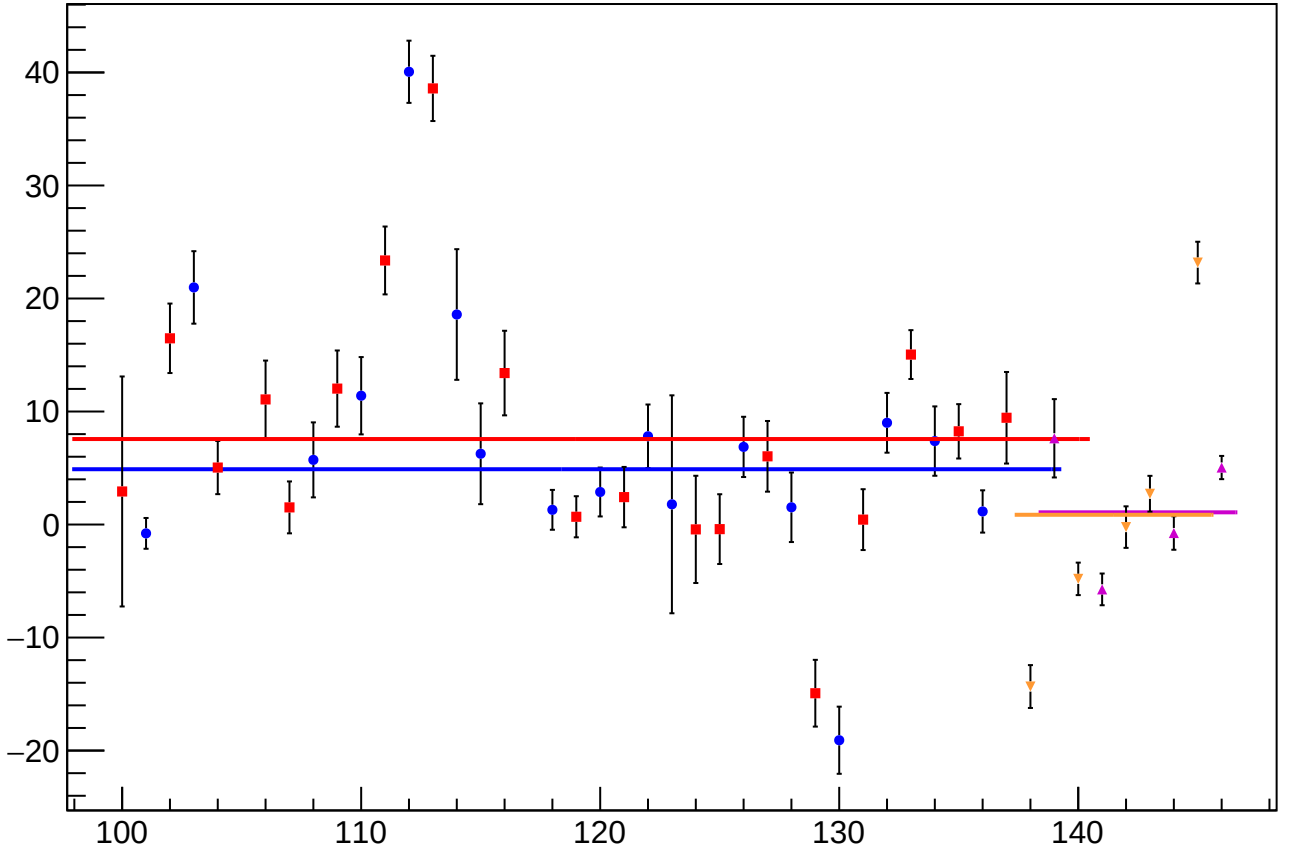
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -76.108+/-0.961 χ^2/NDF:112.4/3

Out: -68.985+/-0.942 χ^2/NDF:533.6/4

All: -72.476+/-0.673 χ^2/NDF: 674.0/8

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 0.863+/-0.756 χ^2/NDF:227.8/4

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 1.080+/-0.708 χ^2/NDF:43.6/3

Left: 0.979+/-0.517 χ^2/NDF: 271.5/8

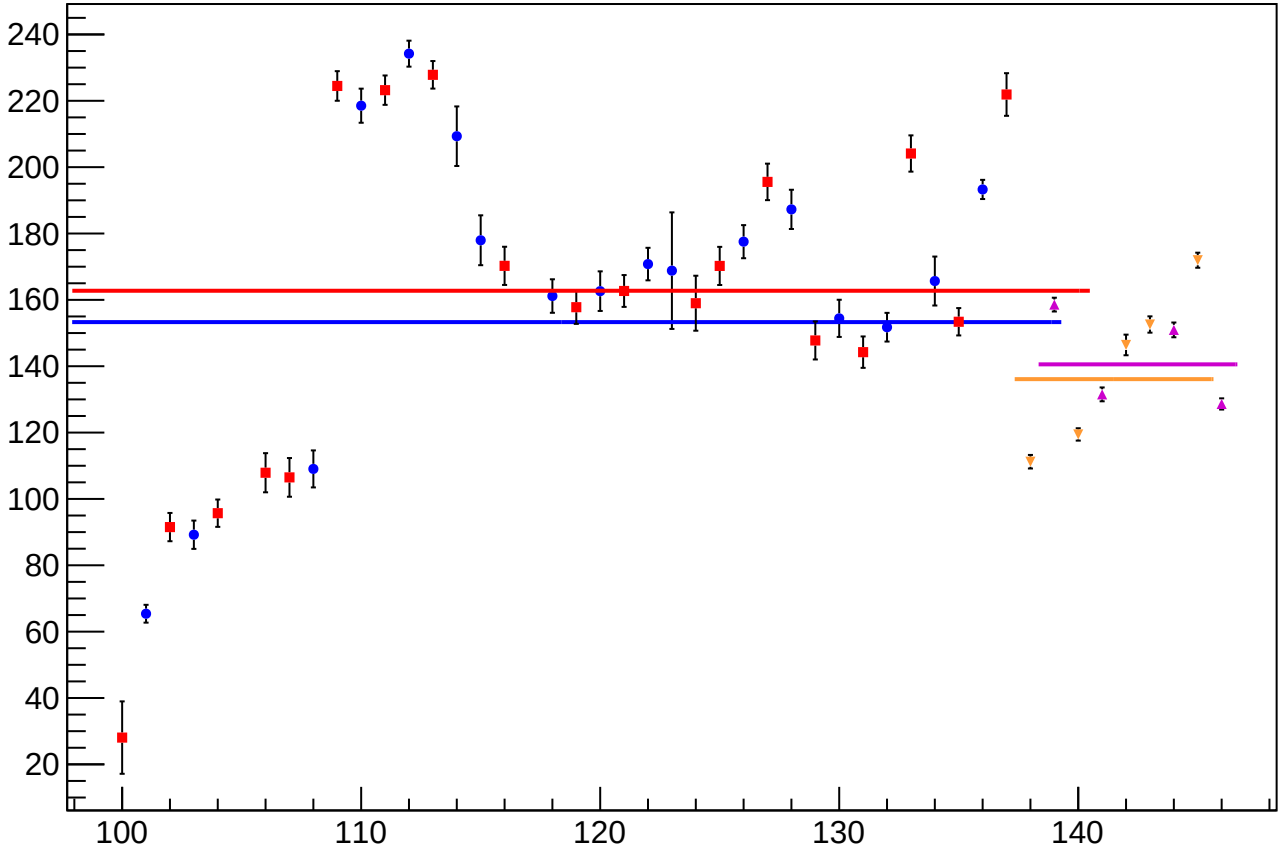
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 3.235+/-0.467 χ^2/NDF:355.3/20

Out: 4.709+/-0.494 χ^2/NDF:543.1/23

All: 3.931+/-0.339 χ^2/NDF: 903.2/44

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 136.107+/-1.005 χ^2/NDF:533.4/4

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 140.563+/-0.993 χ^2/NDF:165.6/3

Left: 138.362+/-0.706 χ^2/NDF: 709.0/8

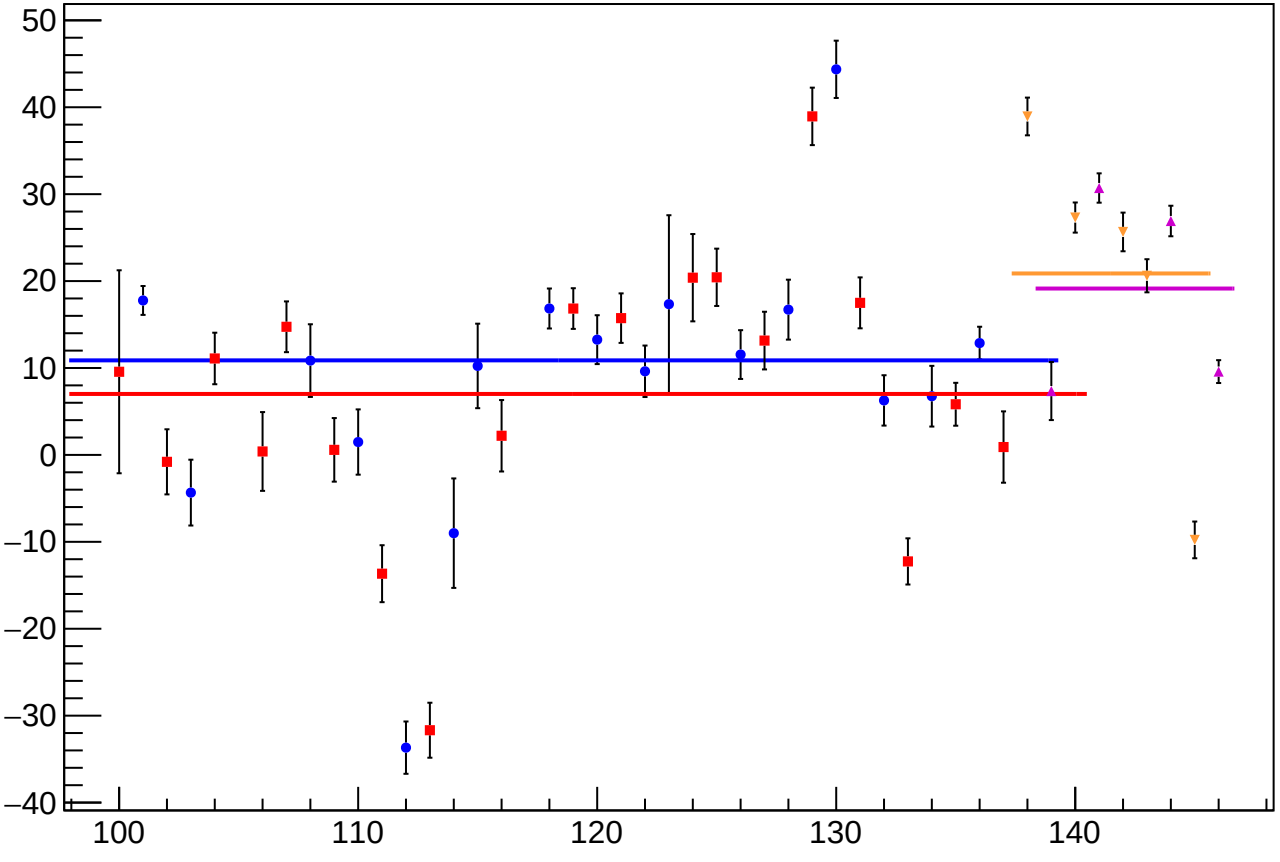
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 146.032+/-0.750 χ^2/NDF:2503.0/20

Out: 147.346+/-0.764 χ^2/NDF:2538.5/23

All: 146.677+/-0.535 χ^2/NDF: 5043.0/44

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 20.876+/-0.896 χ^2/NDF:298.1/4

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 19.142+/-0.863 χ^2/NDF:131.8/3

Left: 19.977+/-0.621 χ^2/NDF: 431.9/8

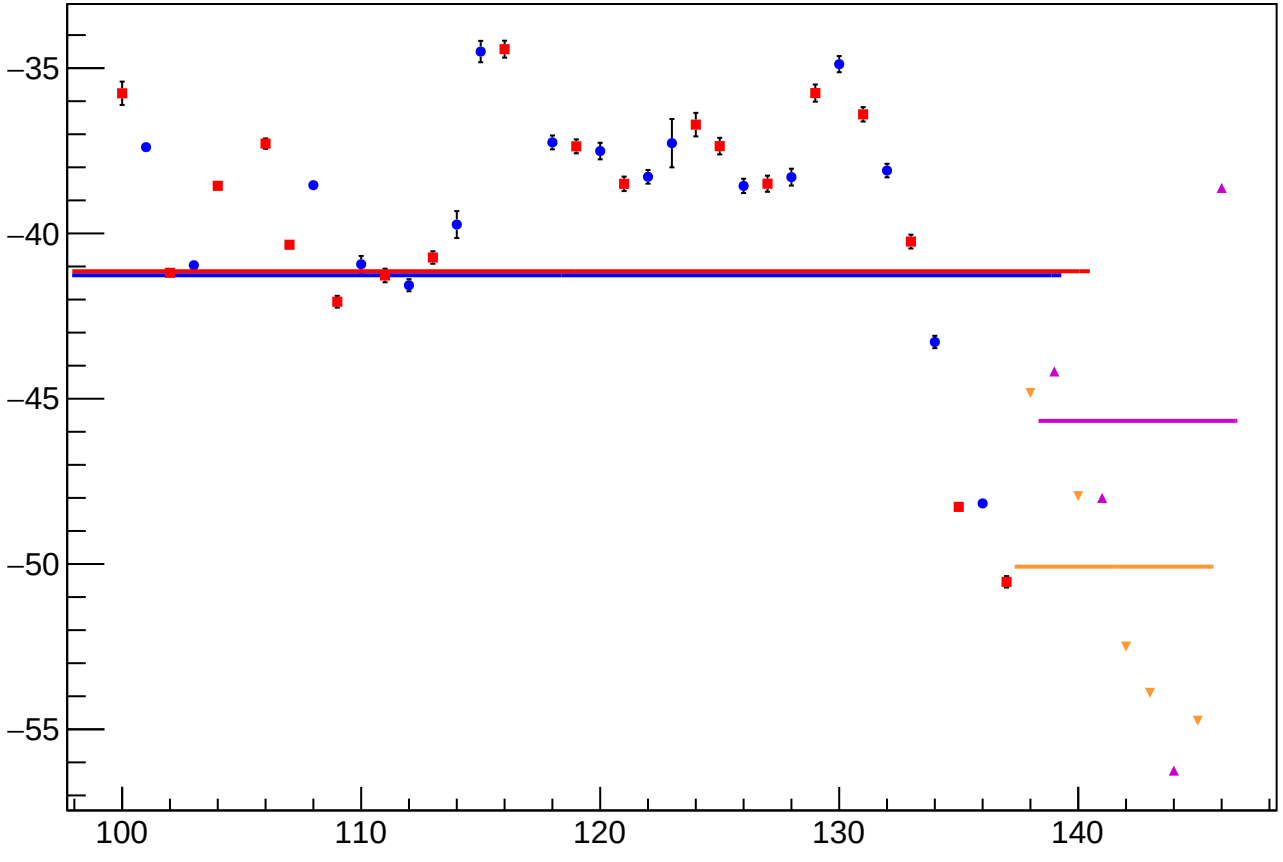
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 14.233+/-0.550 χ^2/NDF:574.3/20

Out: 12.711+/-0.574 χ^2/NDF:863.8/23

All: 13.505+/-0.397 χ^2/NDF: 1441.8/44

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -50.080+/-0.041 χ^2/NDF:9486.4/4

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -45.670+/-0.041 χ^2/NDF:21191.6/3

Left: -47.872+/-0.029 χ^2/NDF: 36472.8/8

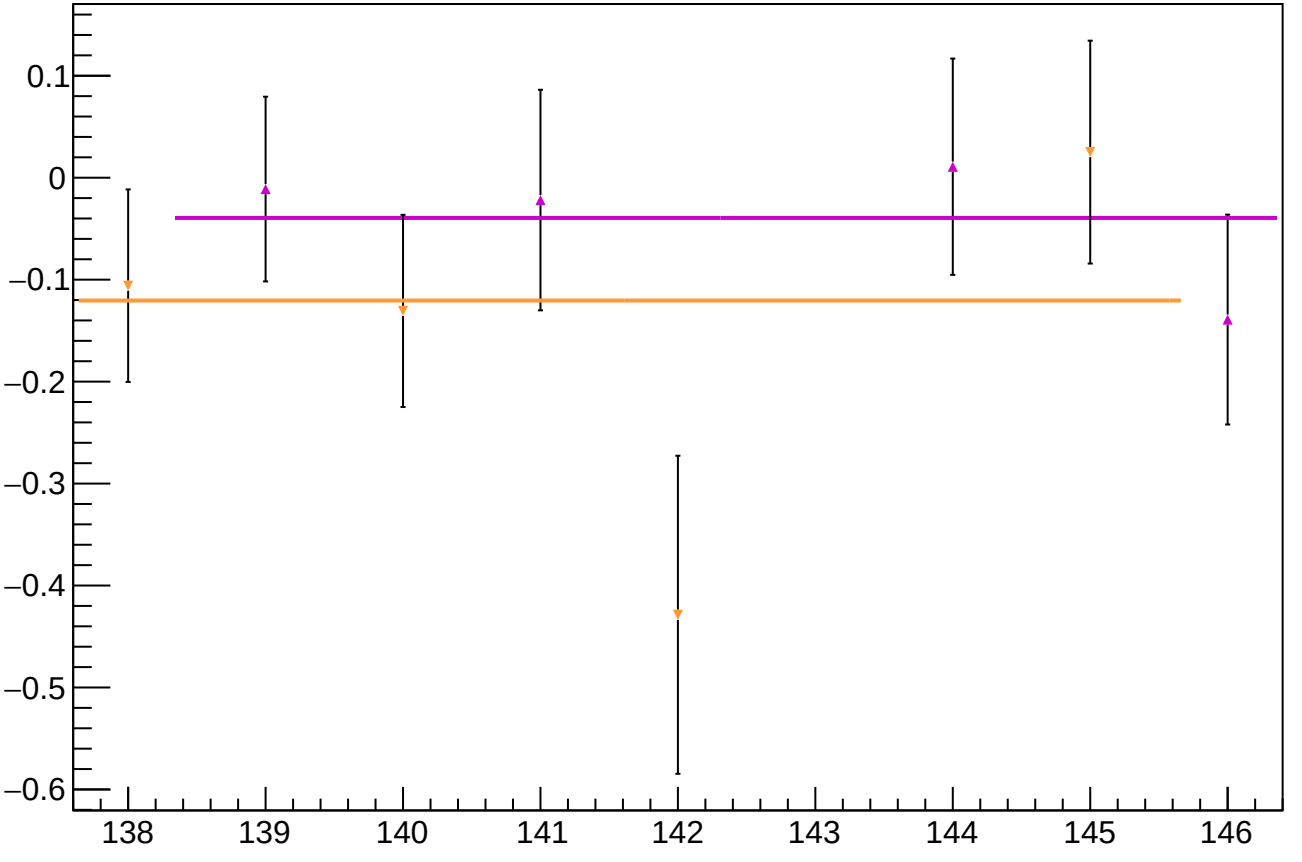
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -43.332+/-0.028 χ^2/NDF:39905.8/20

Out: -45.345+/-0.028 χ^2/NDF:46881.8/23

All: -44.336+/-0.020 χ^2/NDF: 89358.5/44

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.120+/-0.053 χ^2/NDF:5.7/3

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

Left In: -0.039+/-0.051 χ^2/NDF:1.3/3

Left: -0.078+/-0.037 χ^2/NDF: 8.2/7

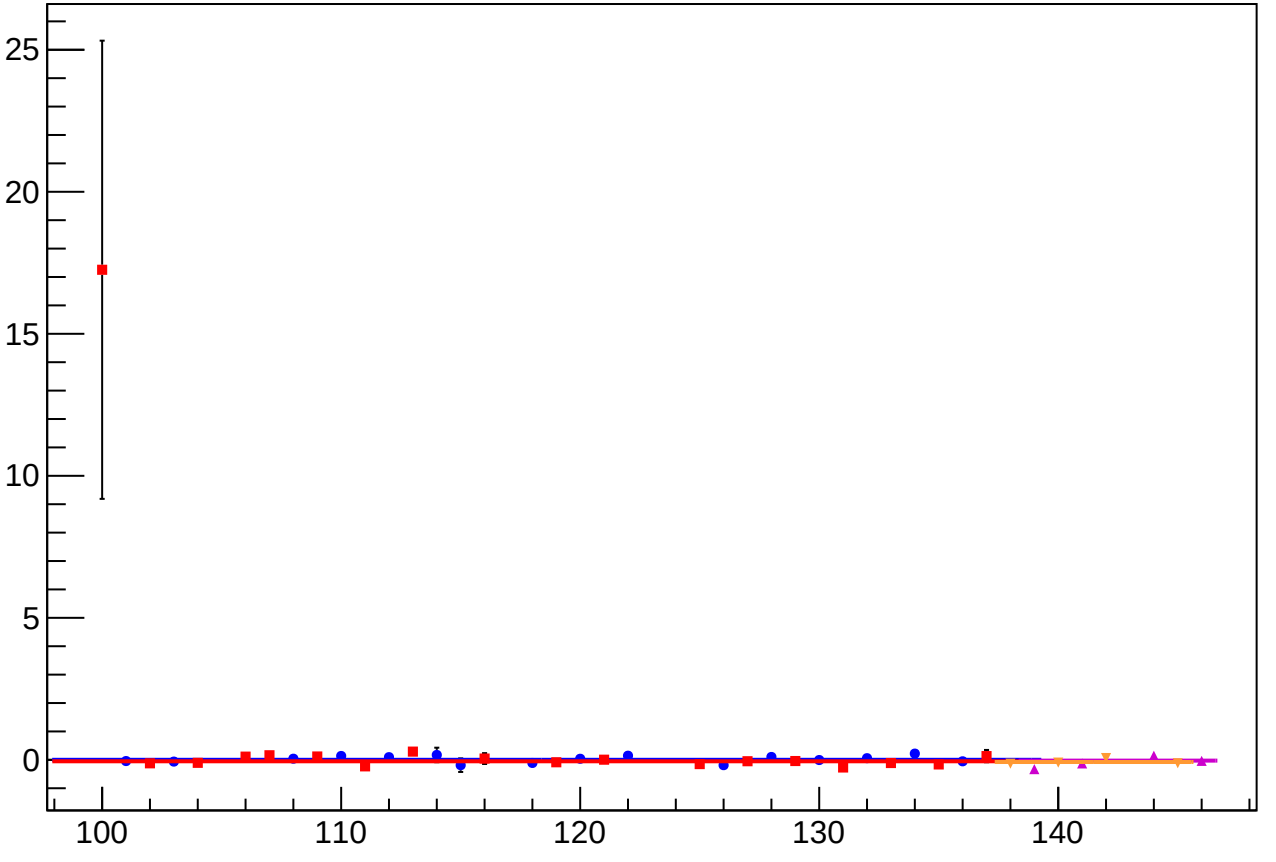
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.039+/-0.051 χ^2/NDF:1.3/3

Out: -0.120+/-0.053 χ^2/NDF:5.7/3

All: -0.078+/-0.037 χ^2/NDF: 8.2/7

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.076+/-0.046 χ^2/NDF:2.6/3

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.027+/-0.039 χ^2/NDF:10.1/3

Left: -0.048+/-0.030 χ^2/NDF: 13.4/7

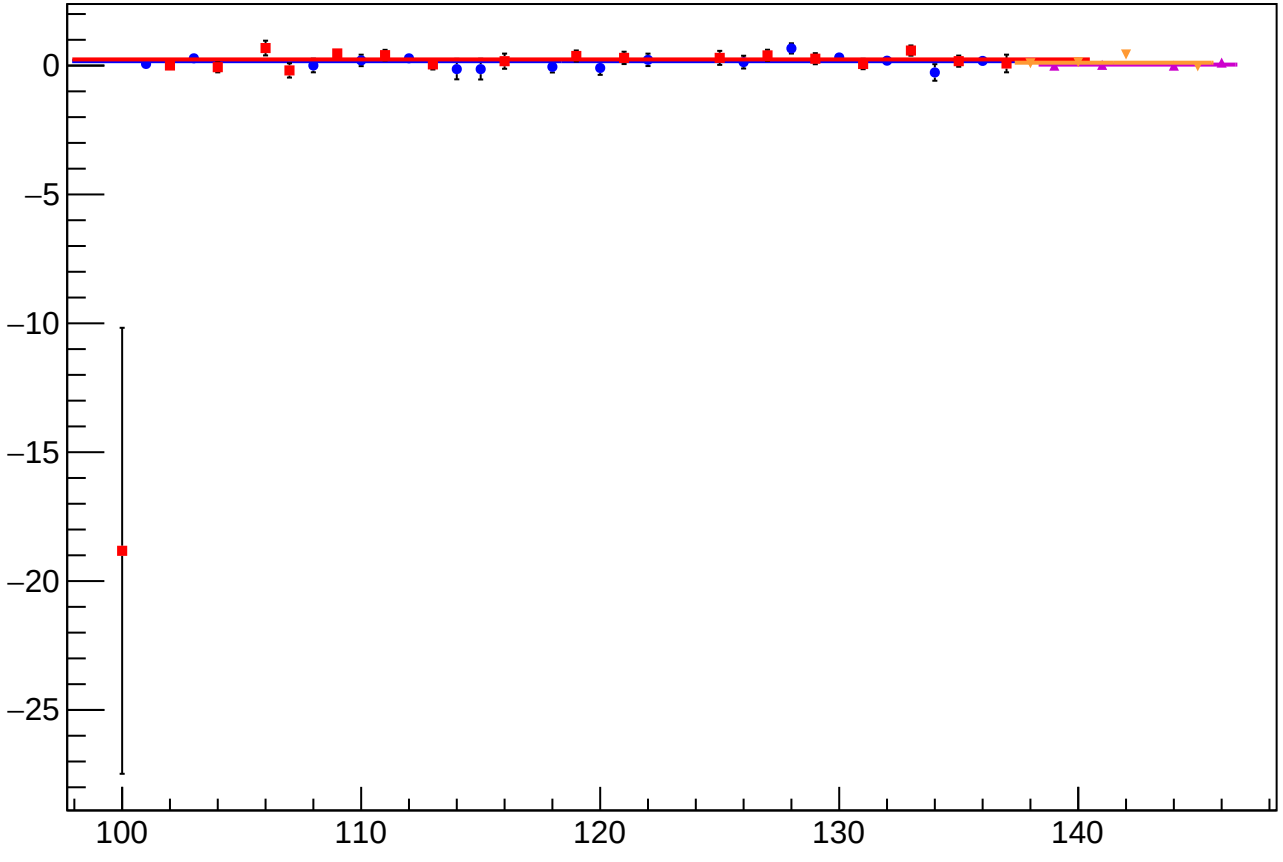
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.008+/-0.023 χ^2/NDF:23.0/19

Out: -0.058+/-0.025 χ^2/NDF:28.6/21

All: -0.031+/-0.017 χ^2/NDF: 53.9/41

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.112+/-0.057 χ^2/NDF:5.3/3

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.038+/-0.053 χ^2/NDF:0.9/3

Left: 0.072+/-0.039 χ^2/NDF: 7.1/7

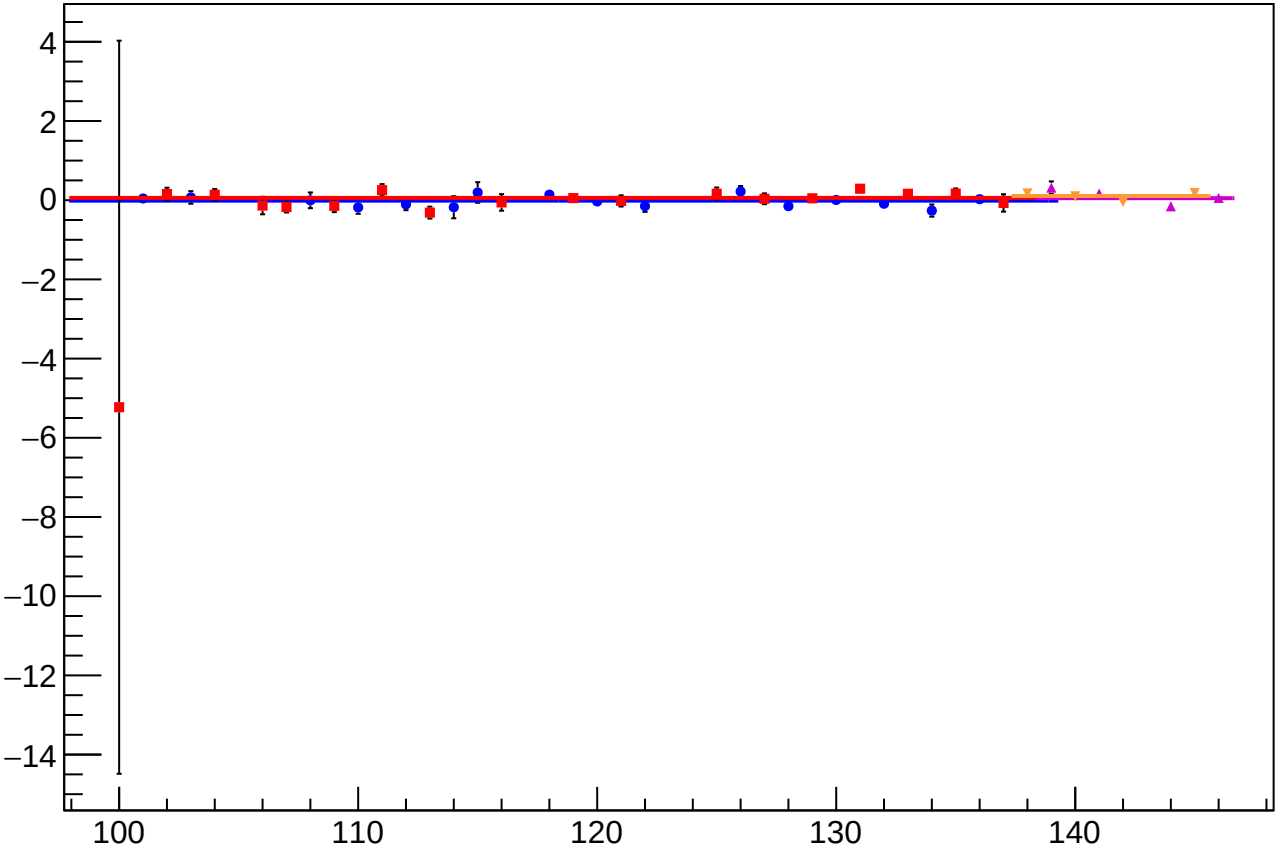
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.105+/-0.037 χ^2/NDF:17.8/19

Out: 0.179+/-0.039 χ^2/NDF:29.7/21

All: 0.140+/-0.027 χ^2/NDF: 49.4/41

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.106+/-0.053 χ^2/NDF:2.5/3

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.051+/-0.047 χ^2/NDF:9.7/3

Left: 0.075+/-0.035 χ^2/NDF: 12.8/7

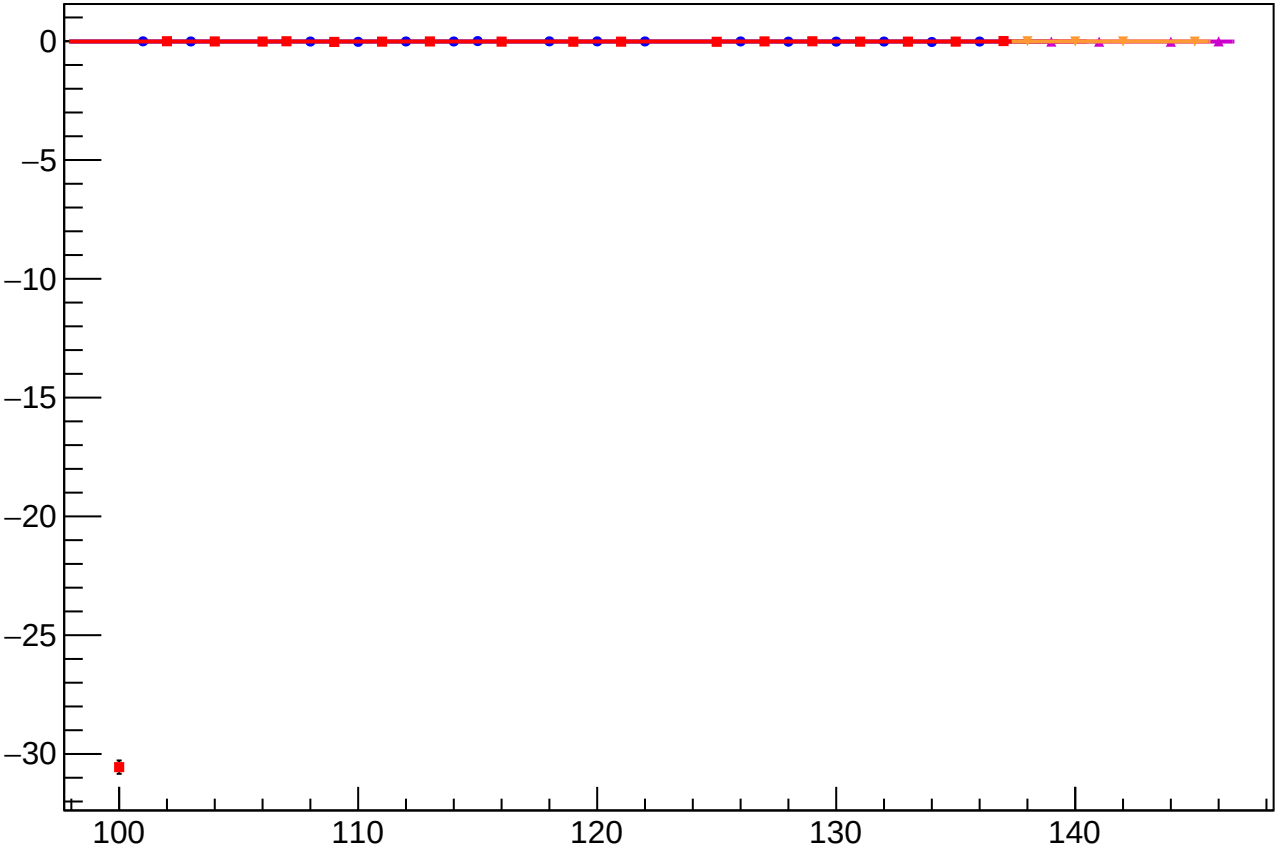
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.009+/-0.027 χ^2/NDF:24.6/19

Out: 0.072+/-0.029 χ^2/NDF:23.6/21

All: 0.039+/-0.020 χ^2/NDF: 50.8/41

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.009+/-0.002 χ^2/NDF:6.9/3

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.015+/-0.002 χ^2/NDF:5.0/3

Left: -0.012+/-0.002 χ^2/NDF: 15.2/7

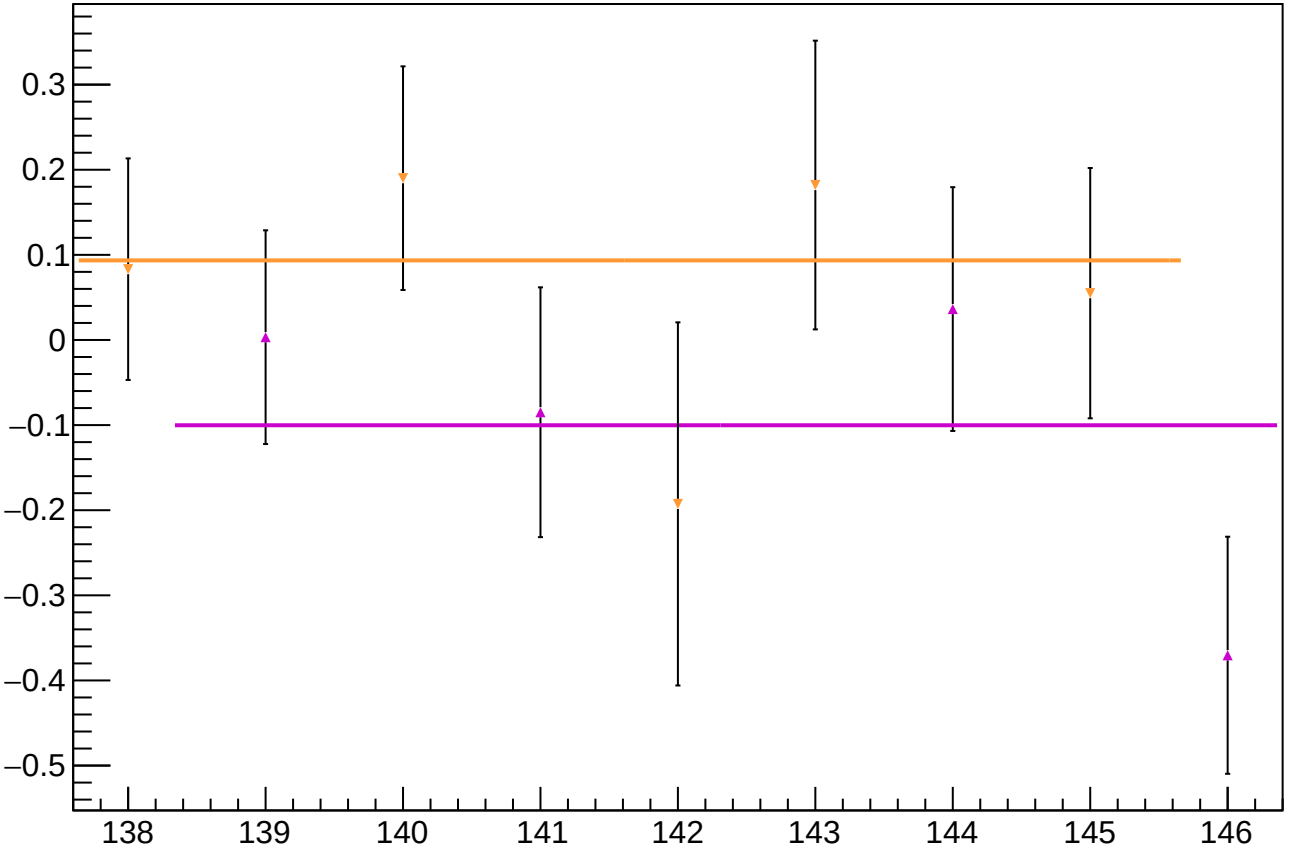
Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.013+/-0.001 χ^2/NDF:19.0/19

Out: -0.011+/-0.001 χ^2/NDF:11899.5/21

All: -0.012+/-0.001 χ^2/NDF: 11919.7/41

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.093+/-0.067 χ^2/NDF:2.7/4

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

Left In: -0.100+/-0.069 χ^2/NDF:5.4/3

Left: -0.001+/-0.048 χ^2/NDF: 12.1/8

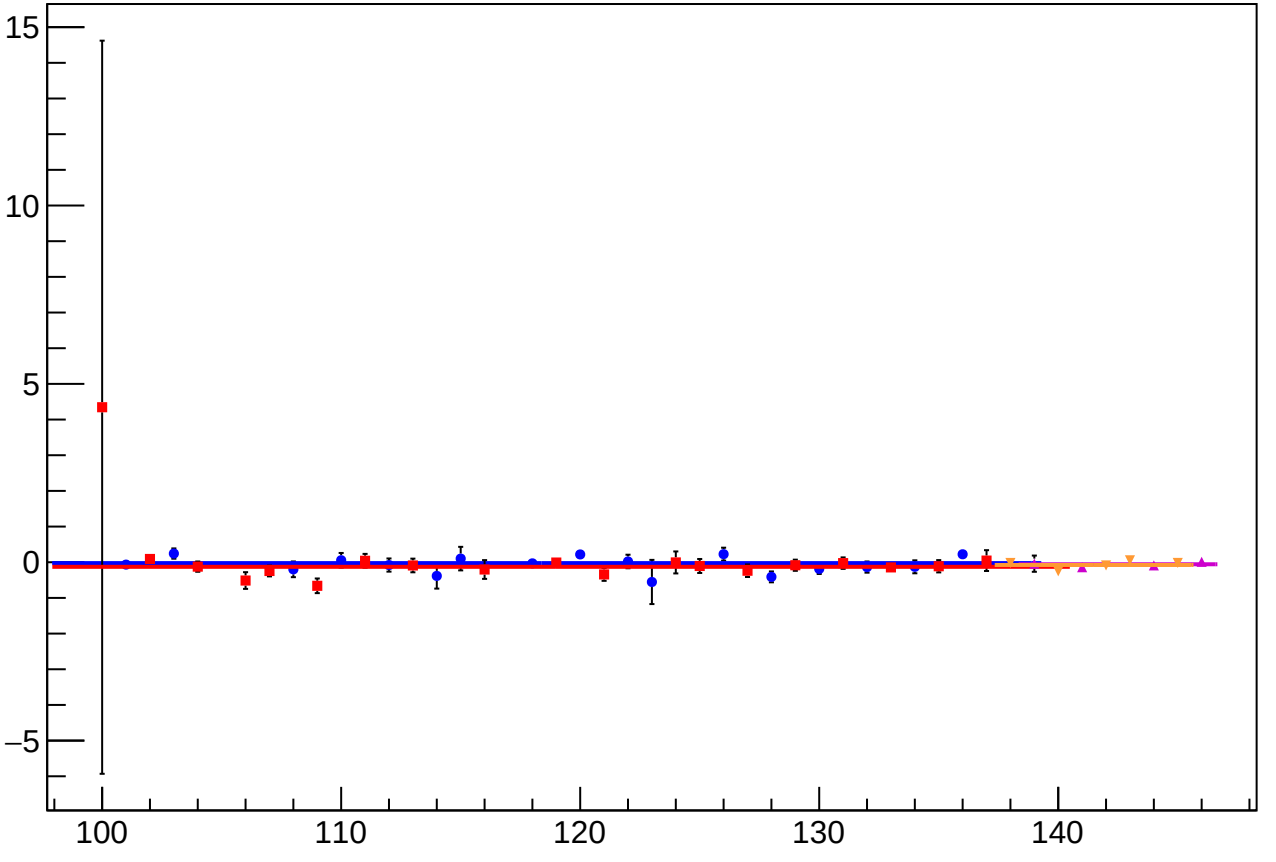
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.100+/-0.069 χ^2/NDF:5.4/3

Out: 0.093+/-0.067 χ^2/NDF:2.7/4

All: -0.001+/-0.048 χ^2/NDF: 12.1/8

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.076+/-0.055 χ^2/NDF:4.3/4

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.057+/-0.053 χ^2/NDF:1.4/3

Left: -0.066+/-0.038 χ^2/NDF: 5.8/8

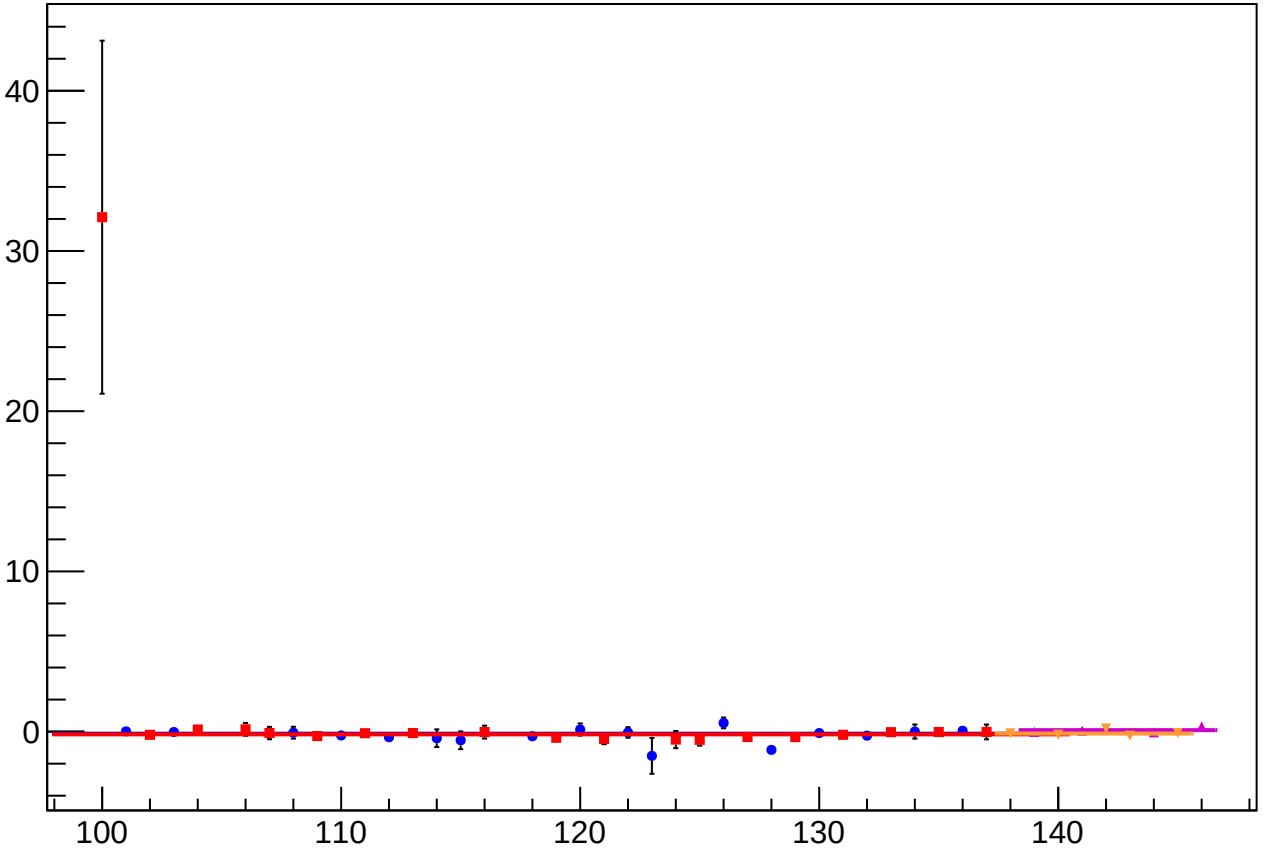
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.035+/-0.030 χ^2/NDF:25.0/20

Out: -0.111+/-0.032 χ^2/NDF:22.5/23

All: -0.070+/-0.022 χ^2/NDF: 50.5/44

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.120+/-0.072 χ^2/NDF:2.7/4

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: 0.092+/-0.072 χ^2/NDF:4.5/3

Left: -0.013+/-0.051 χ^2/NDF: 11.5/8

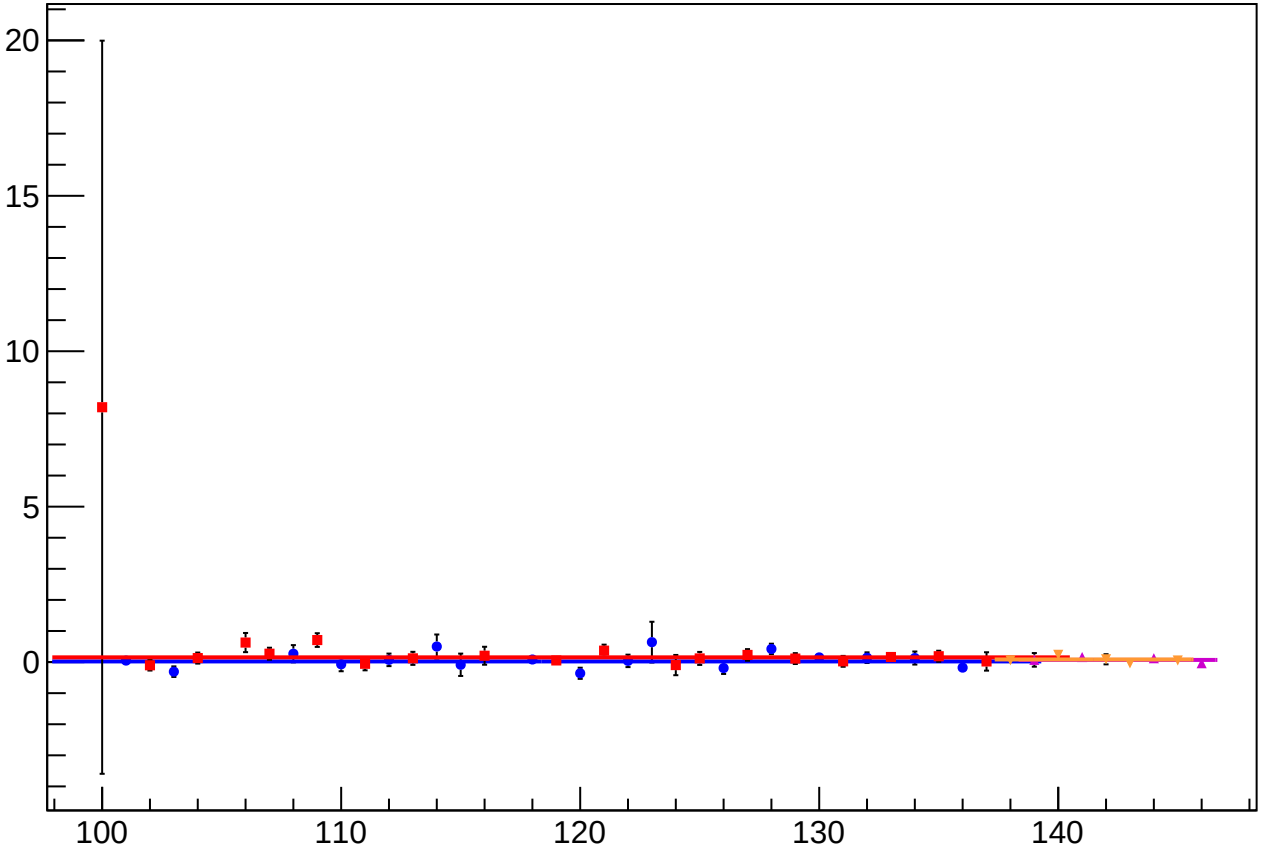
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.026+/-0.049 χ^2/NDF:33.3/20

Out: -0.146+/-0.051 χ^2/NDF:18.0/23

All: -0.084+/-0.035 χ^2/NDF: 54.2/44

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.084+/-0.065 χ^2/NDF:2.2/4

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.069+/-0.064 χ^2/NDF:1.8/3

Left: 0.076+/-0.046 χ^2/NDF: 4.0/8

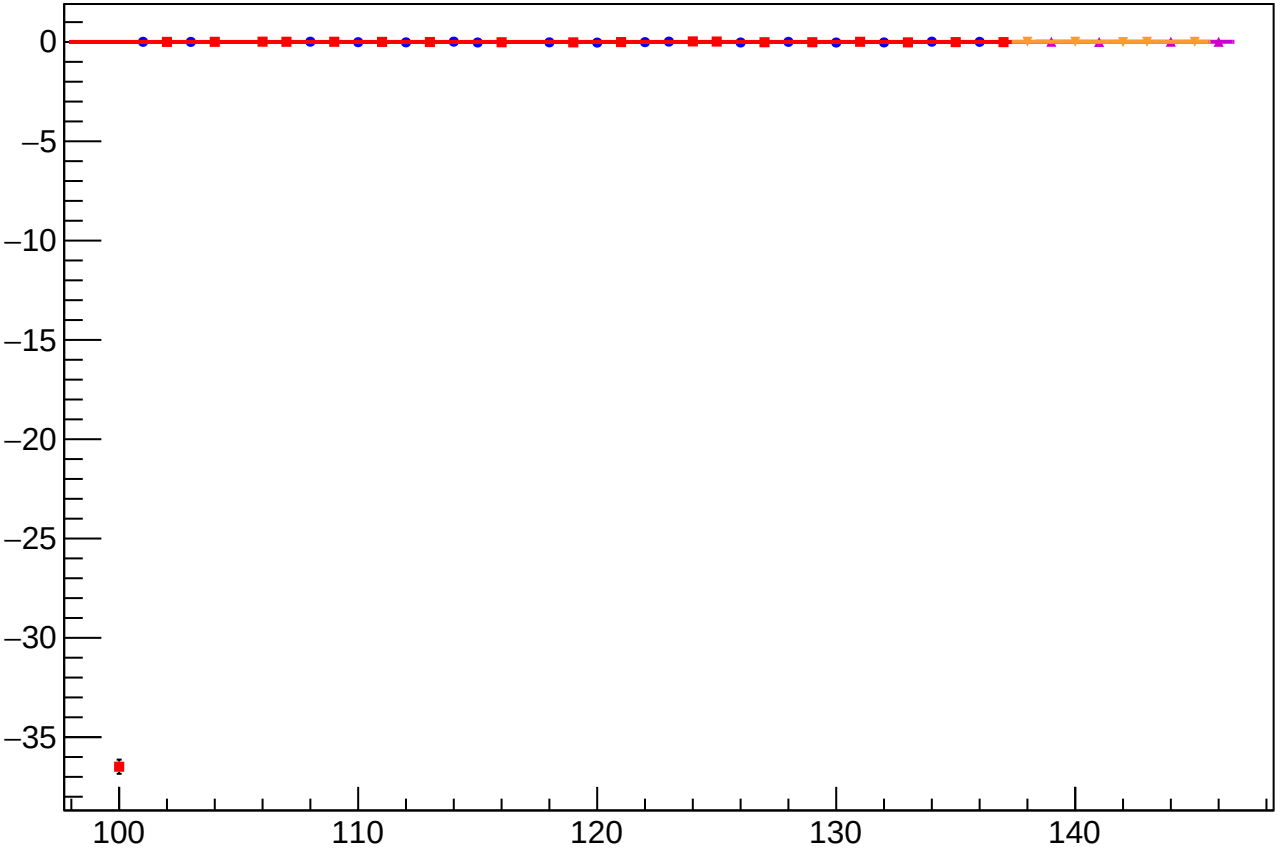
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.035+/-0.035 χ^2/NDF:24.7/20

Out: 0.130+/-0.037 χ^2/NDF:19.2/23

All: 0.080+/-0.026 χ^2/NDF: 47.2/44

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.003 χ^2/NDF:3.2/4

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.003 χ^2/NDF:2.0/3

Left: 0.010+/-0.002 χ^2/NDF: 5.6/8

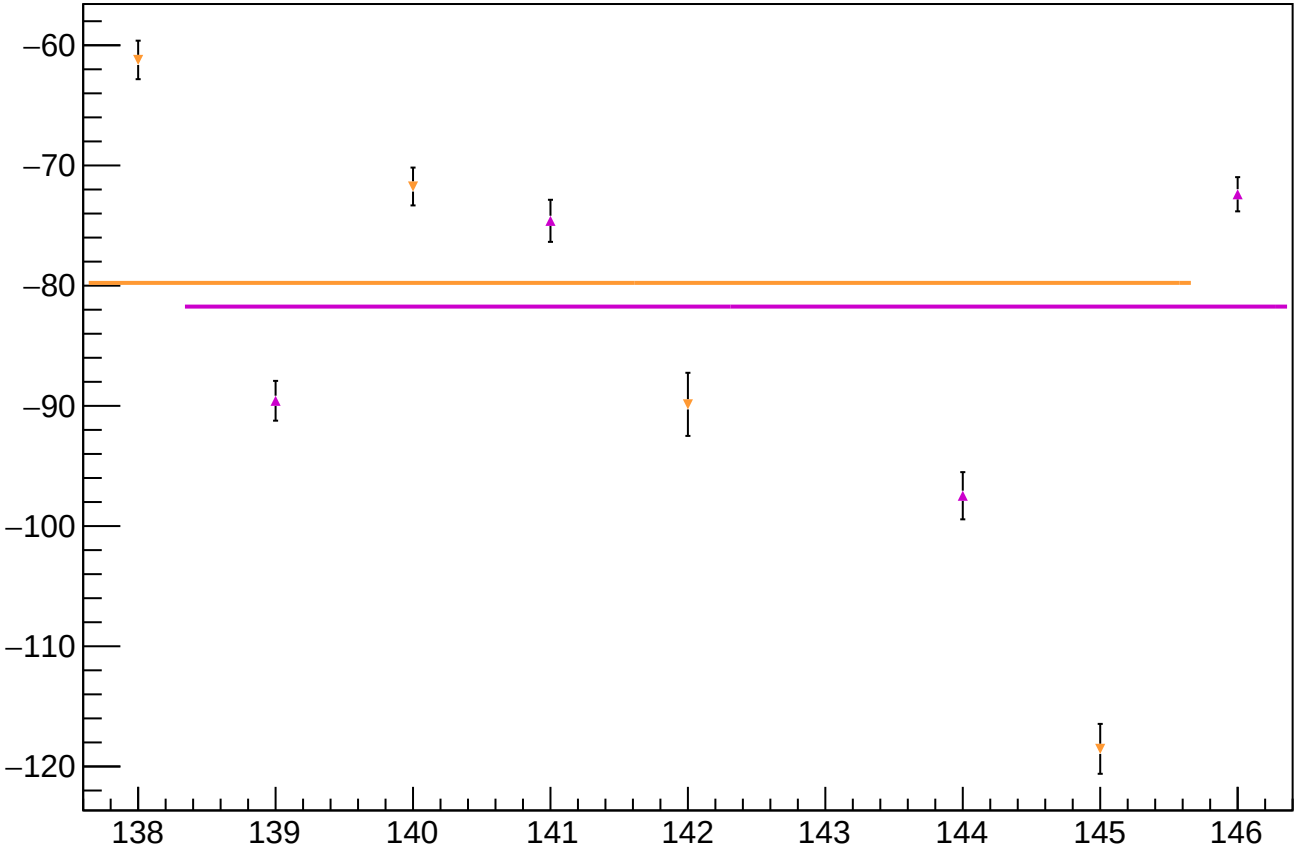
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.005+/-0.002 χ^2/NDF:41.6/20

Out: 0.004+/-0.002 χ^2/NDF:10456.6/23

All: 0.004+/-0.001 χ^2/NDF: 10498.3/44

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: -79.769+/-0.924 χ^2/NDF:523.7/3

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

Left In: -81.741+/-0.832 χ^2/NDF:146.4/3

Left: -80.858+/-0.618 χ^2/NDF: 672.5/7

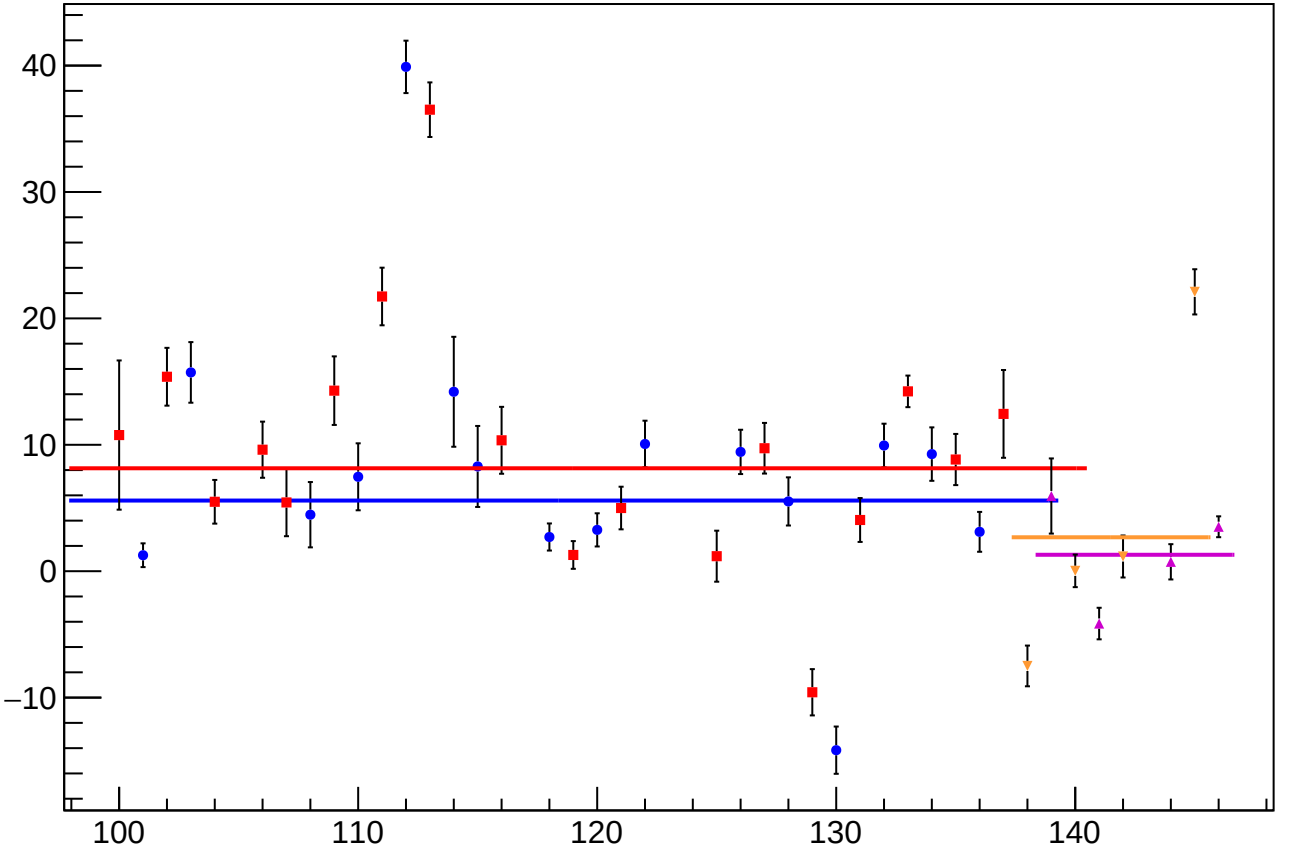
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -81.741+/-0.832 χ^2/NDF:146.4/3

Out: -79.769+/-0.924 χ^2/NDF:523.7/3

All: -80.858+/-0.618 χ^2/NDF: 672.5/7

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 2.683+/-0.776 χ^2/NDF:162.9/3

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 1.299+/-0.605 χ^2/NDF:28.8/3

Left: 1.822+/-0.477 χ^2/NDF: 193.7/7

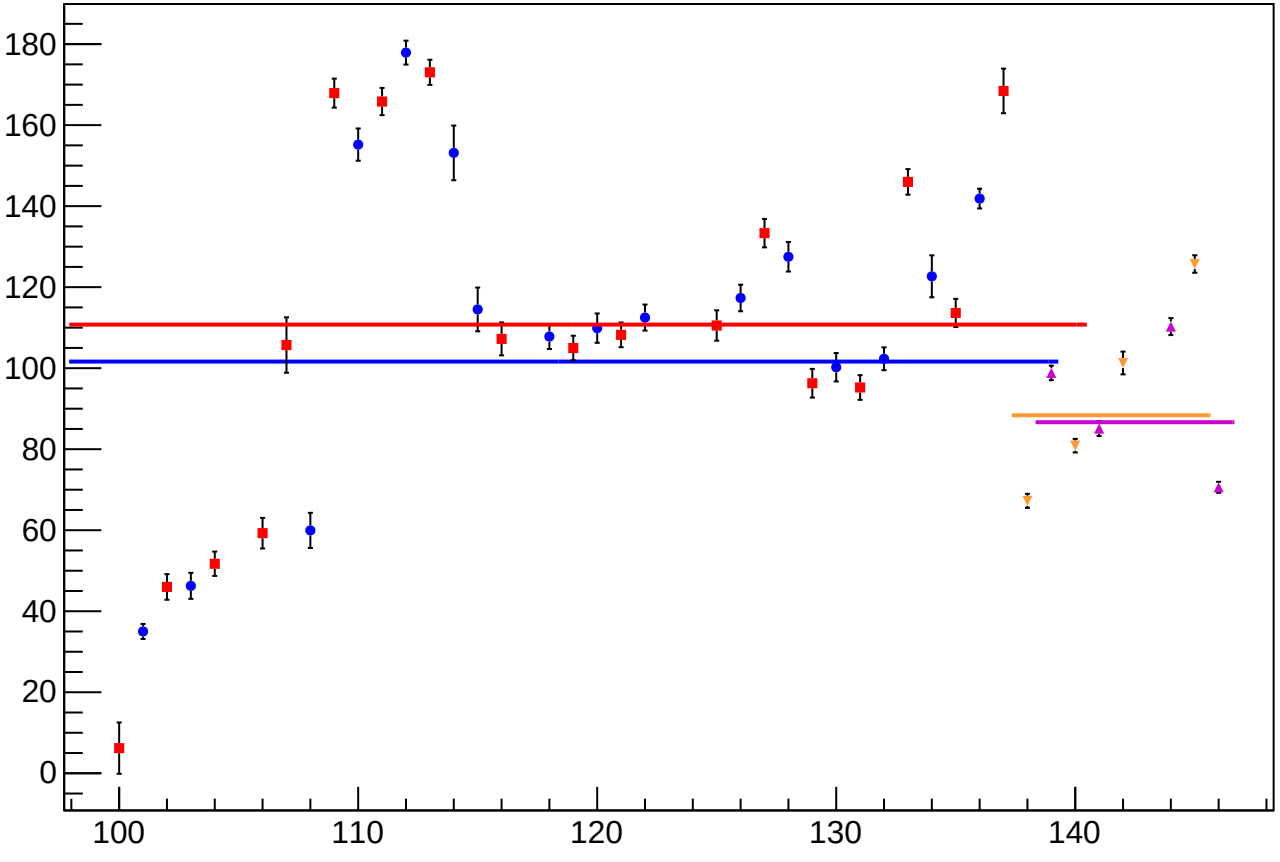
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 4.177+/-0.347 χ^2/NDF:525.4/19

Out: 6.751+/-0.392 χ^2/NDF:607.5/21

All: 5.309+/-0.260 χ^2/NDF: 1157.1/41

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: 88.379+/-0.985 χ^2/NDF:489.5/3

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 86.660+/-0.855 χ^2/NDF:313.0/3

Left: 87.398+/-0.646 χ^2/NDF: 804.2/7

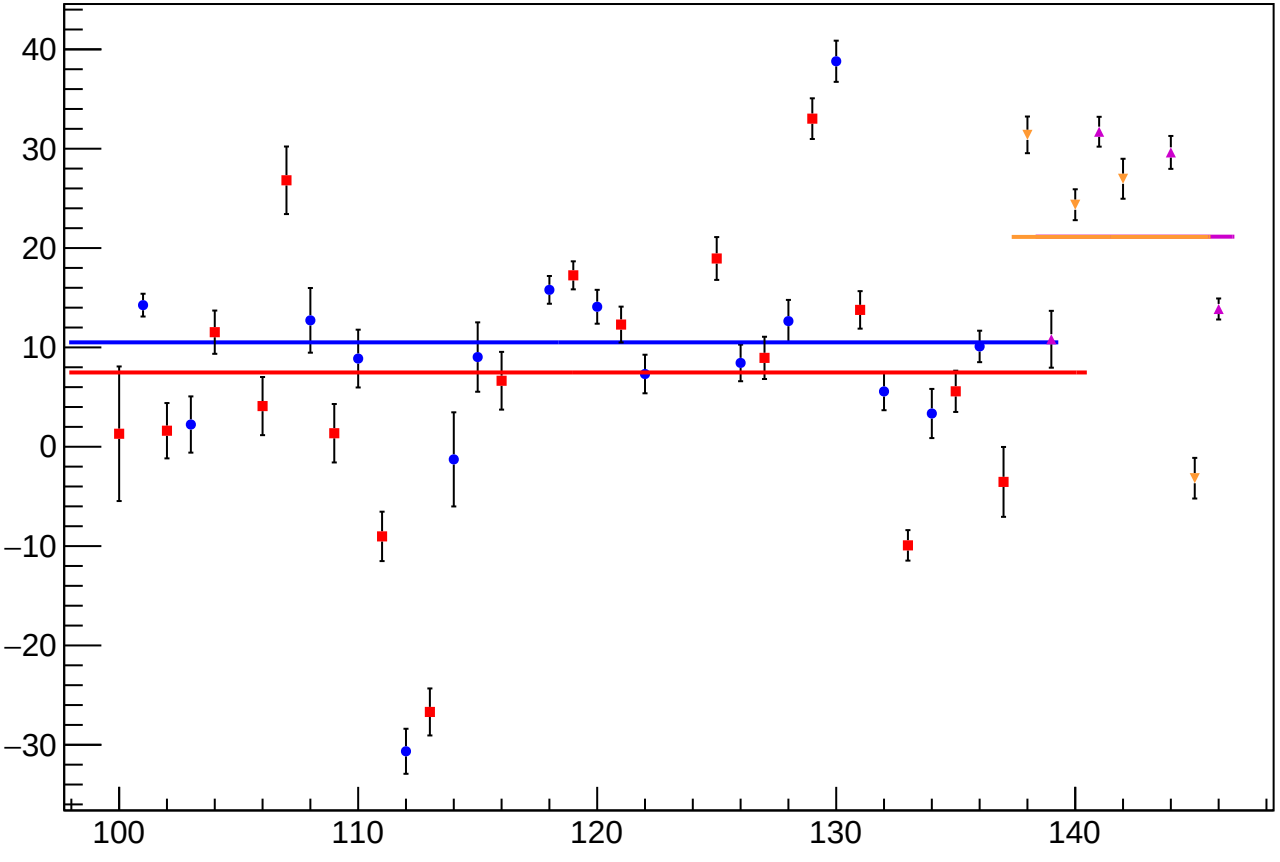
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 94.579+/-0.587 χ^2/NDF:3454.0/19

Out: 101.388+/-0.638 χ^2/NDF:3302.2/21

All: 97.702+/-0.432 χ^2/NDF: 6817.9/41

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: 21.121+/-0.916 χ^2/NDF:184.7/3

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 21.147+/-0.741 χ^2/NDF:136.0/3

Left: 21.137+/-0.576 χ^2/NDF: 320.7/7

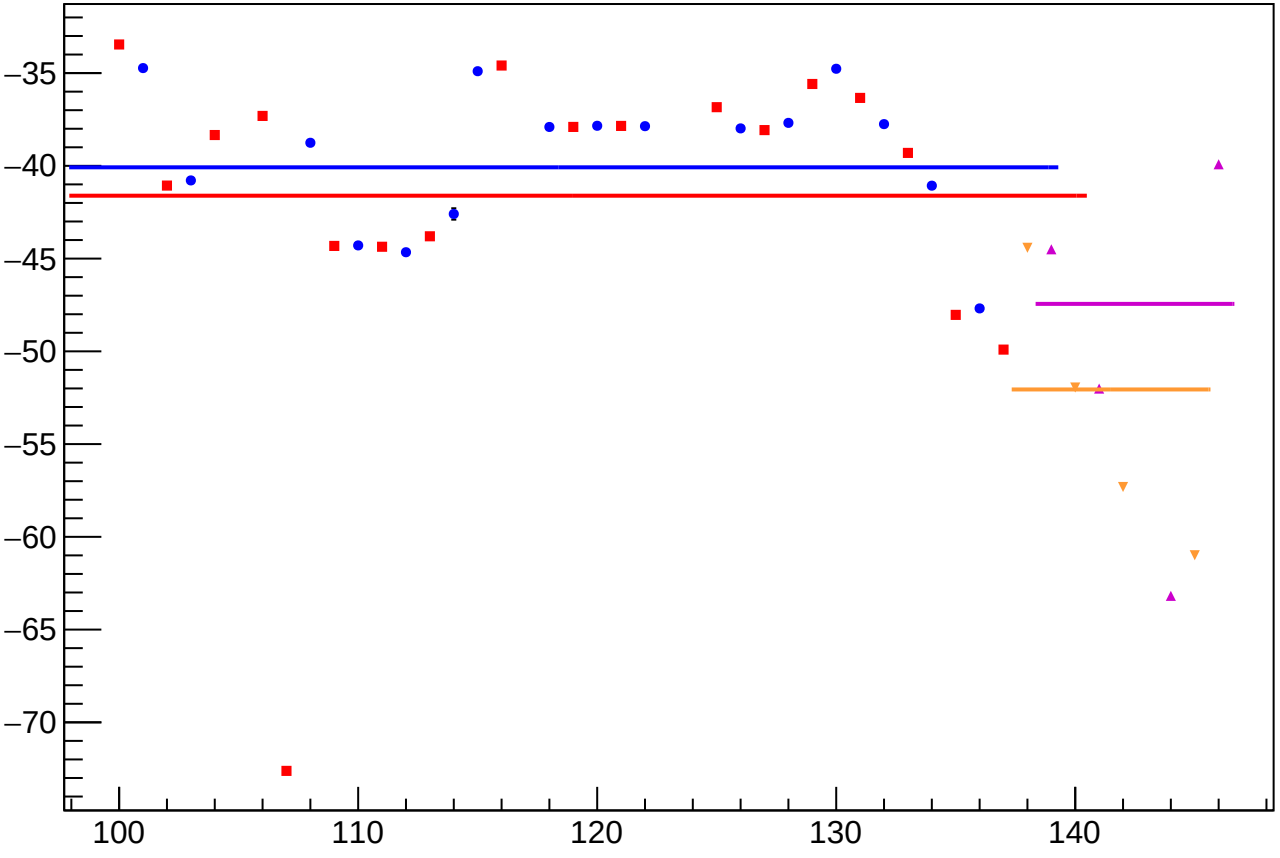
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 13.766+/-0.410 χ^2/NDF:860.7/19

Out: 10.844+/-0.455 χ^2/NDF:1041.3/21

All: 12.457+/-0.304 χ^2/NDF: 1924.8/41

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: -52.055+/-0.040 χ^2/NDF:25498.2/3

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -47.442+/-0.035 χ^2/NDF:49508.9/3

Left: -49.443+/-0.027 χ^2/NDF: 82405.4/7

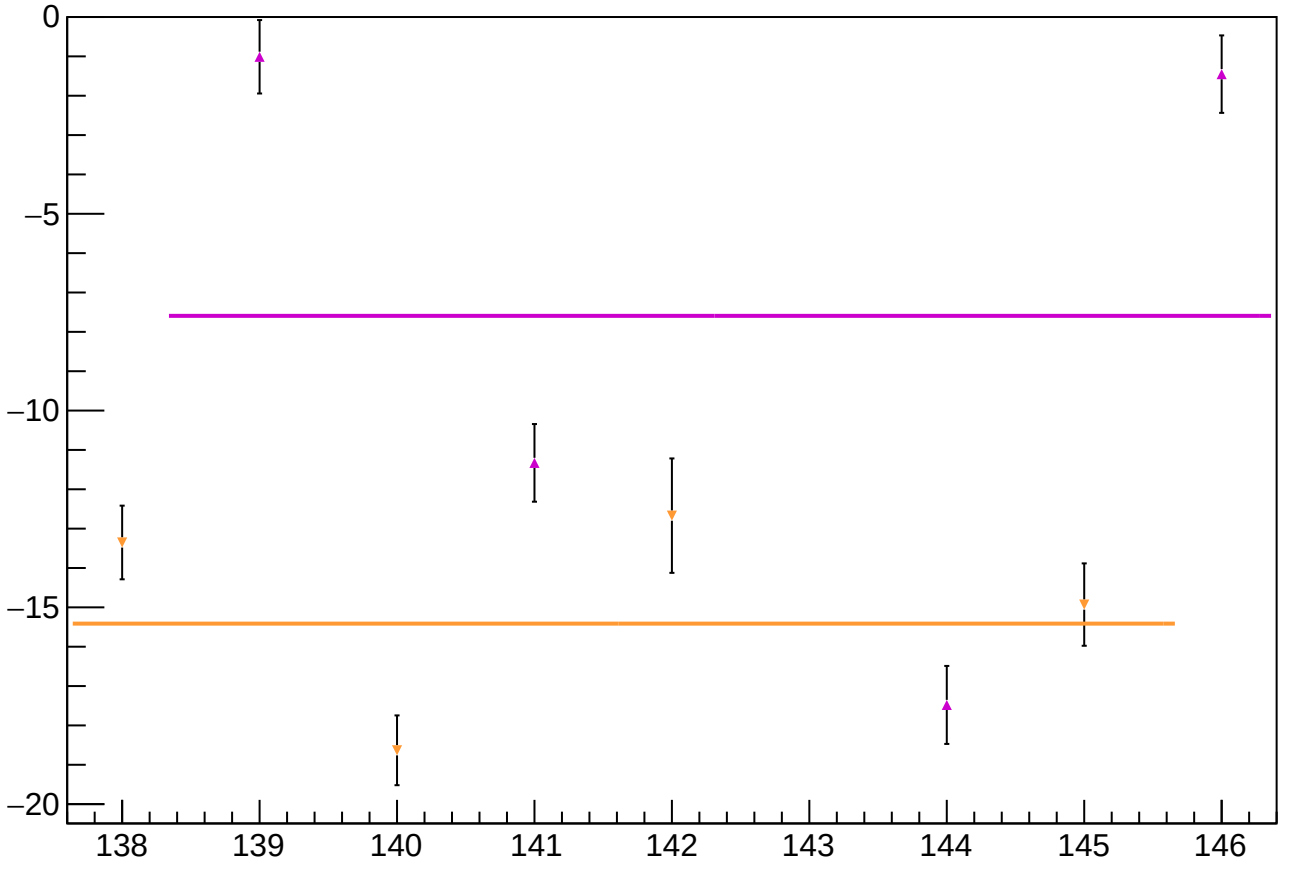
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -42.945+/-0.022 χ^2/NDF:101160.2/19

Out: -45.097+/-0.023 χ^2/NDF:131902.0/21

All: -43.960+/-0.016 χ^2/NDF: 237564.0/41

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: -15.413+/-0.513 χ^2/NDF:21.8/3

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

Left In: -7.593+/-0.486 χ^2/NDF:202.6/3

Left: -11.296+/-0.353 χ^2/NDF: 346.8/7

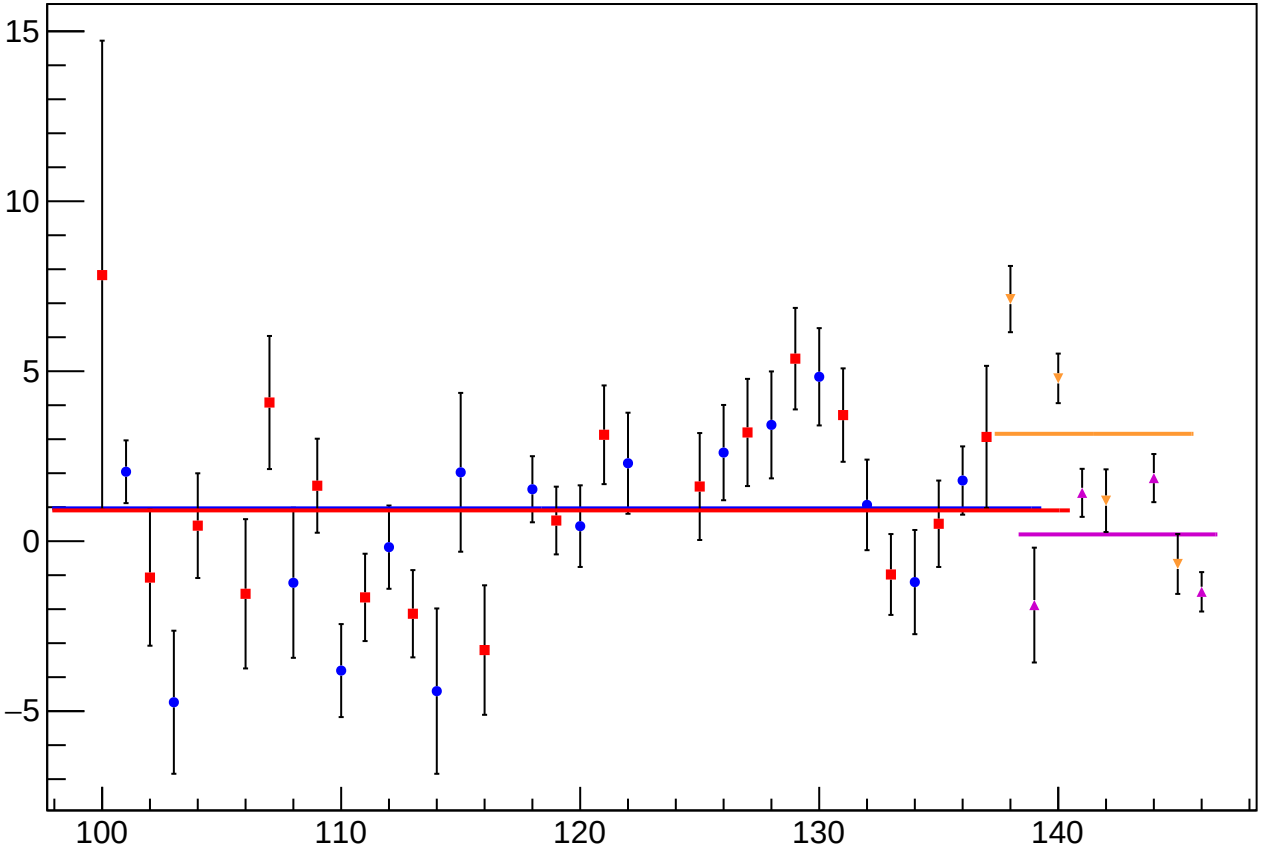
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.593+/-0.486 χ^2/NDF:202.6/3

Out: -15.413+/-0.513 χ^2/NDF:21.8/3

All: -11.296+/-0.353 χ^2/NDF: 346.8/7

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: 3.159+/-0.430 χ^2/NDF:45.0/3

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 0.199+/-0.369 χ^2/NDF:18.5/3

Left: 1.455+/-0.280 χ^2/NDF: 90.7/7

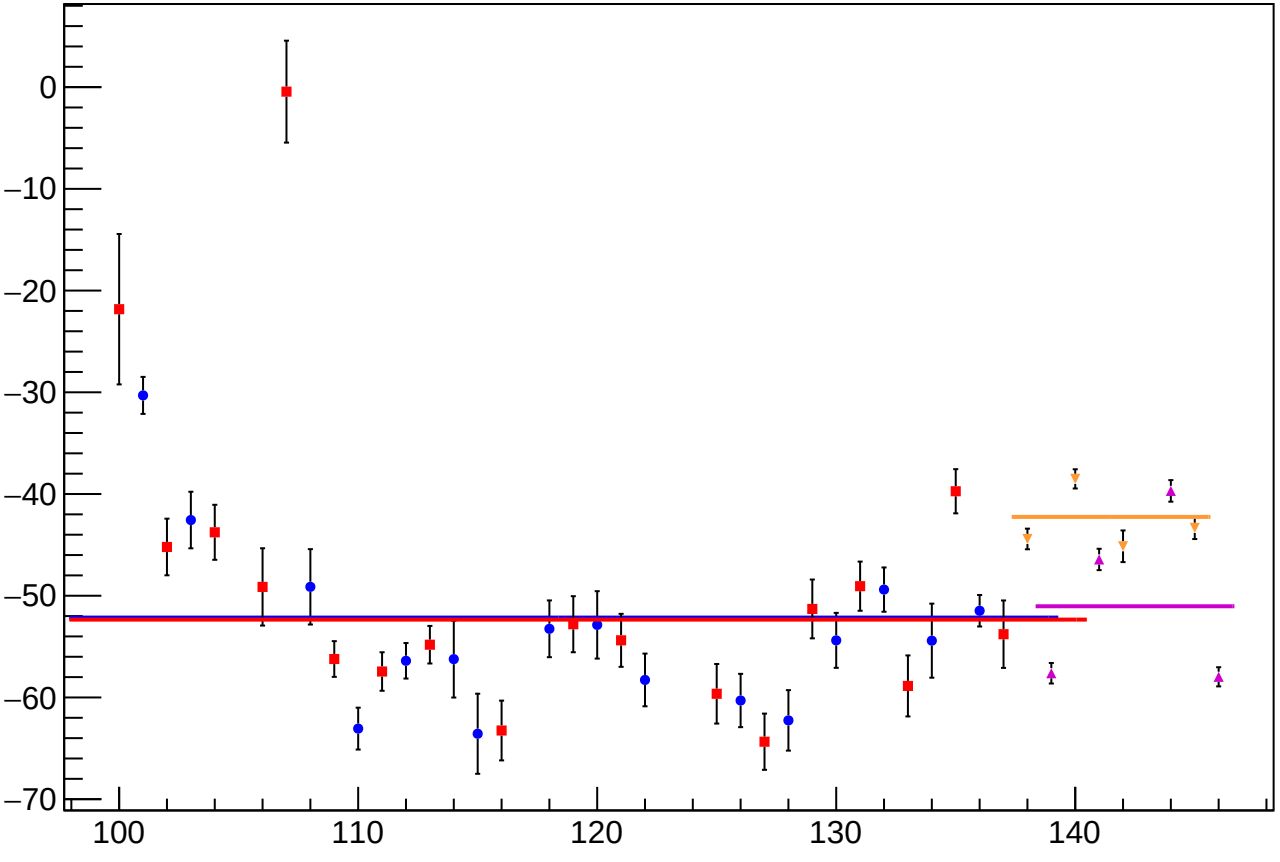
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: 0.616+/-0.249 χ^2/NDF:63.8/19

Out: 1.815+/-0.273 χ^2/NDF:103.3/21

All: 1.161+/-0.184 χ^2/NDF: 177.5/41

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: -42.250+/-0.548 χ^2/NDF:24.6/3

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -51.035+/-0.506 χ^2/NDF:230.4/3

Left: -46.990+/-0.372 χ^2/NDF: 393.9/7

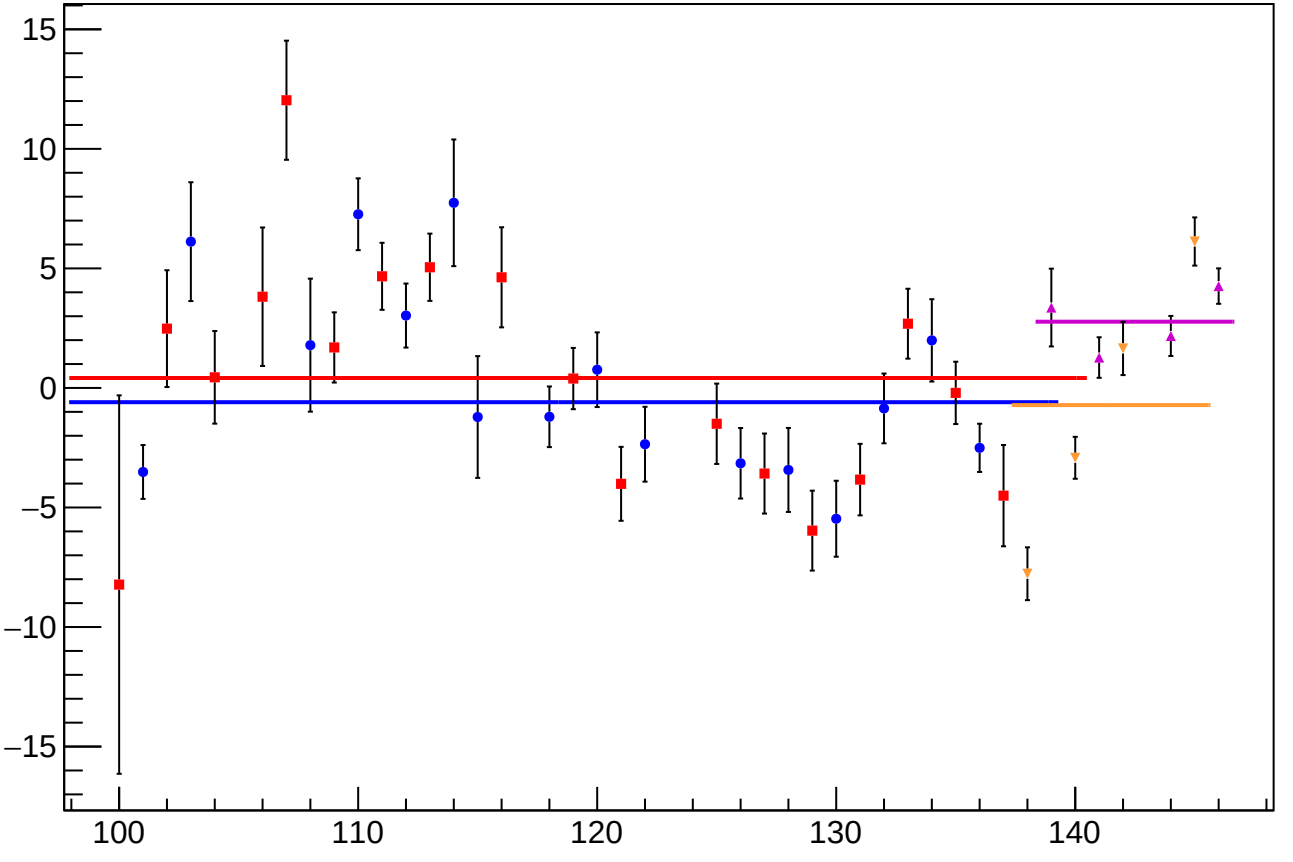
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -51.487+/-0.390 χ^2/NDF:462.6/19

Out: -46.709+/-0.409 χ^2/NDF:410.5/21

All: -49.214+/-0.282 χ^2/NDF: 944.5/41

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -0.717+/-0.506 χ^2/NDF:97.7/3

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 2.771+/-0.447 χ^2/NDF:7.8/3

Left: 1.242+/-0.335 χ^2/NDF: 132.2/7

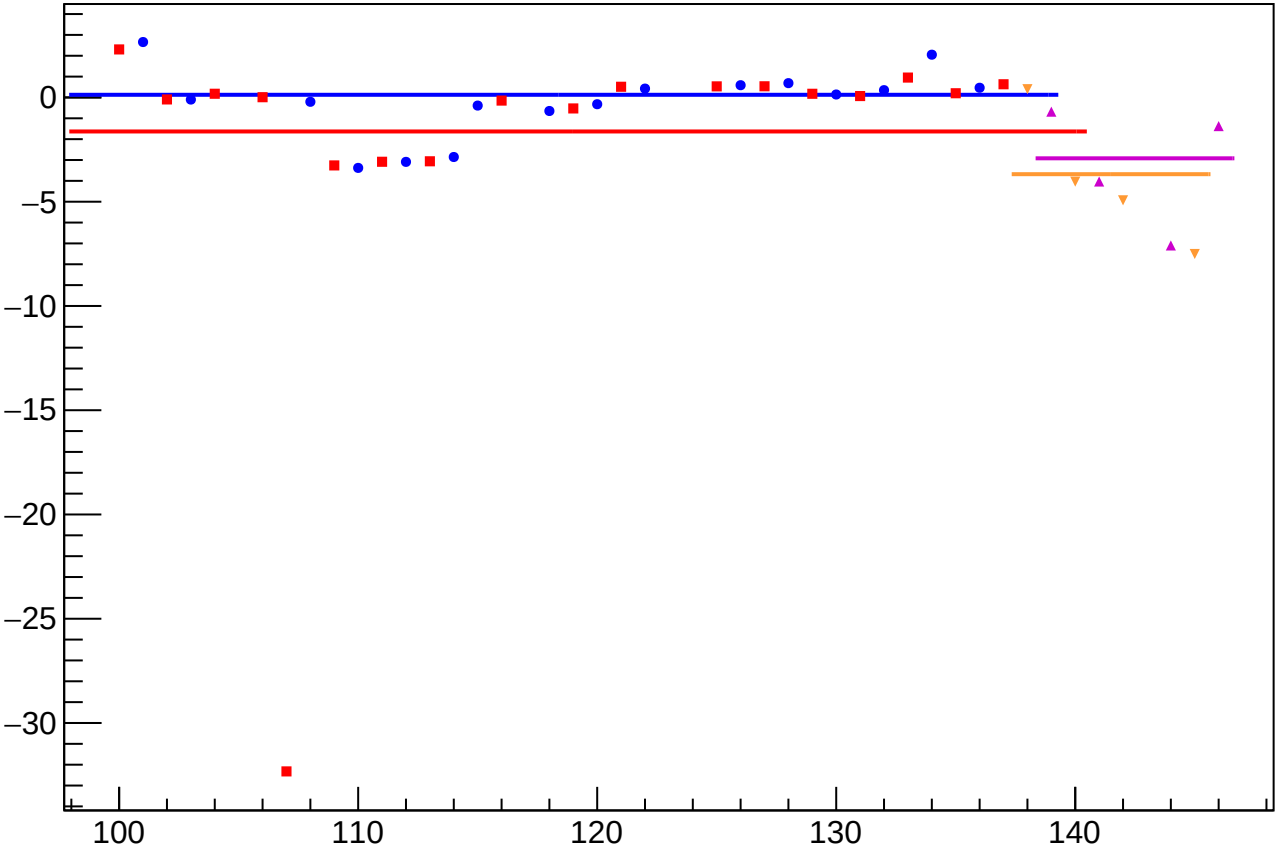
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 0.834+/-0.291 χ^2/NDF:123.1/19

Out: -0.020+/-0.314 χ^2/NDF:196.6/21

All: 0.439+/-0.213 χ^2/NDF: 323.6/41

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: -3.680+/-0.022 χ^2/NDF:18862.4/3

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -2.919+/-0.021 χ^2/NDF:14018.0/3

Left: -3.272+/-0.015 χ^2/NDF: 33508.2/7

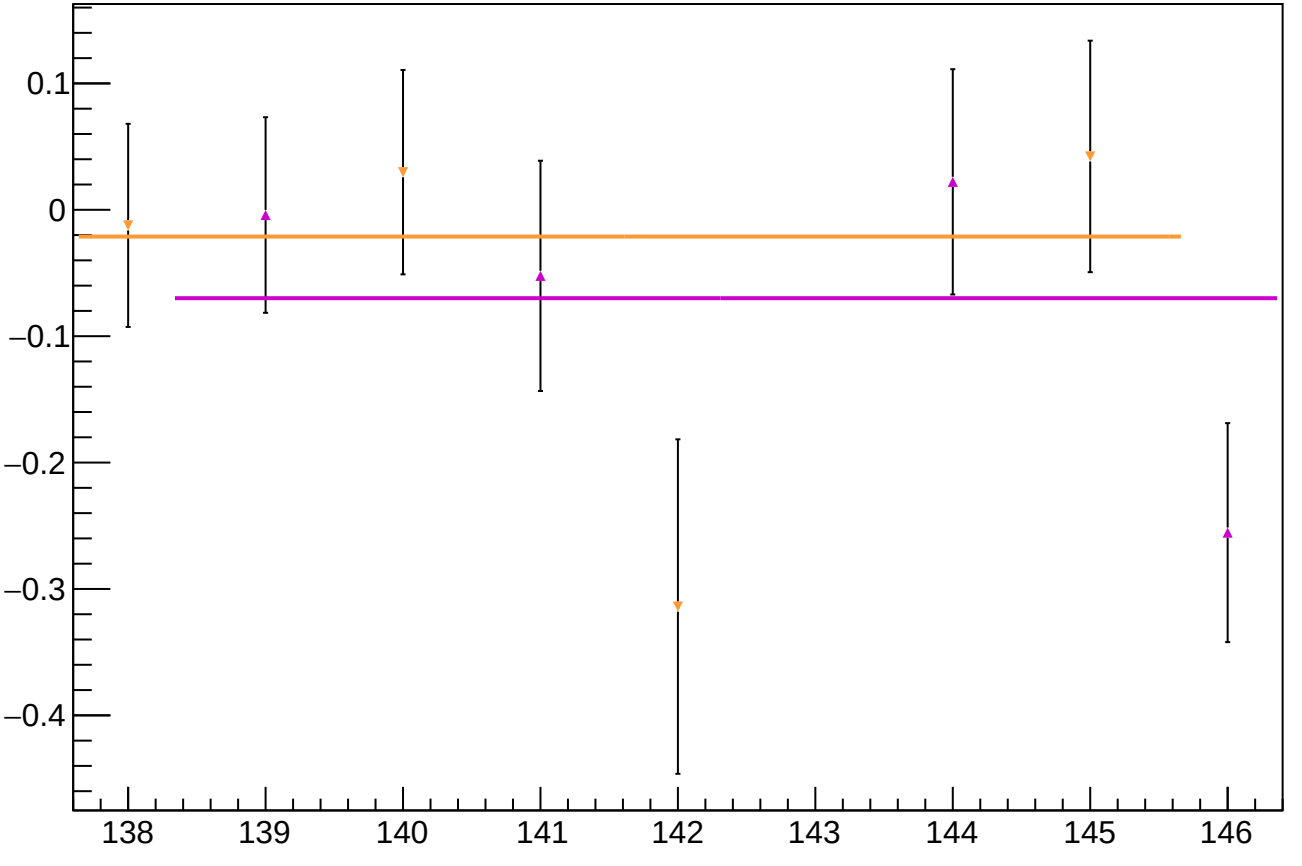
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.454+/-0.015 χ^2/NDF:29704.7/19

Out: -2.635+/-0.016 χ^2/NDF:101067.9/21

All: -2.019+/-0.011 χ^2/NDF: 133774.9/41

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: -0.021+/-0.045 χ^2/NDF:5.8/3

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

Left In: -0.070+/-0.043 χ^2/NDF:6.4/3

Left: -0.047+/-0.031 χ^2/NDF: 12.8/7

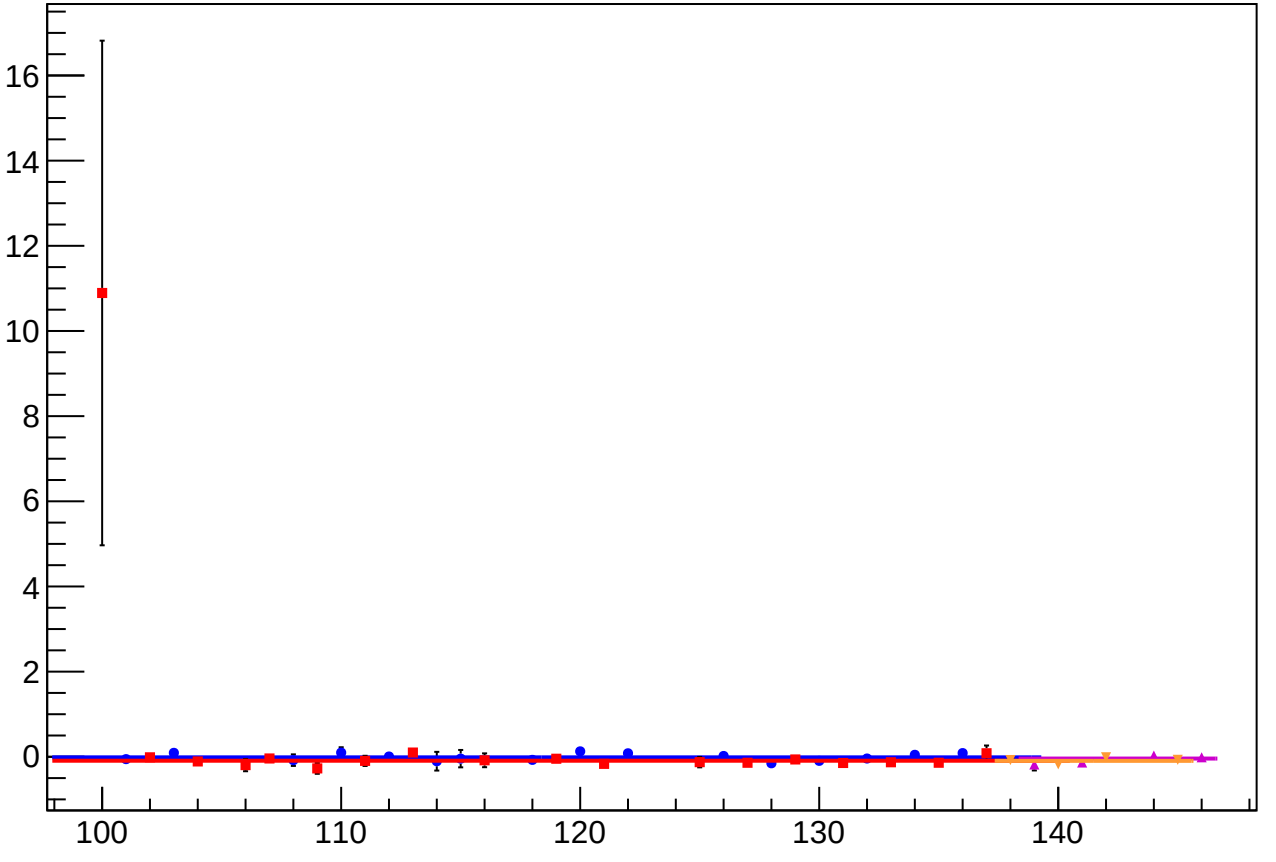
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.070+/-0.043 χ^2/NDF:6.4/3

Out: -0.021+/-0.045 χ^2/NDF:5.8/3

All: -0.047+/-0.031 χ^2/NDF: 12.8/7

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: -0.095+/-0.039 χ^2/NDF:2.6/3

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.041+/-0.033 χ^2/NDF:4.5/3

Left: -0.064+/-0.025 χ^2/NDF: 8.3/7

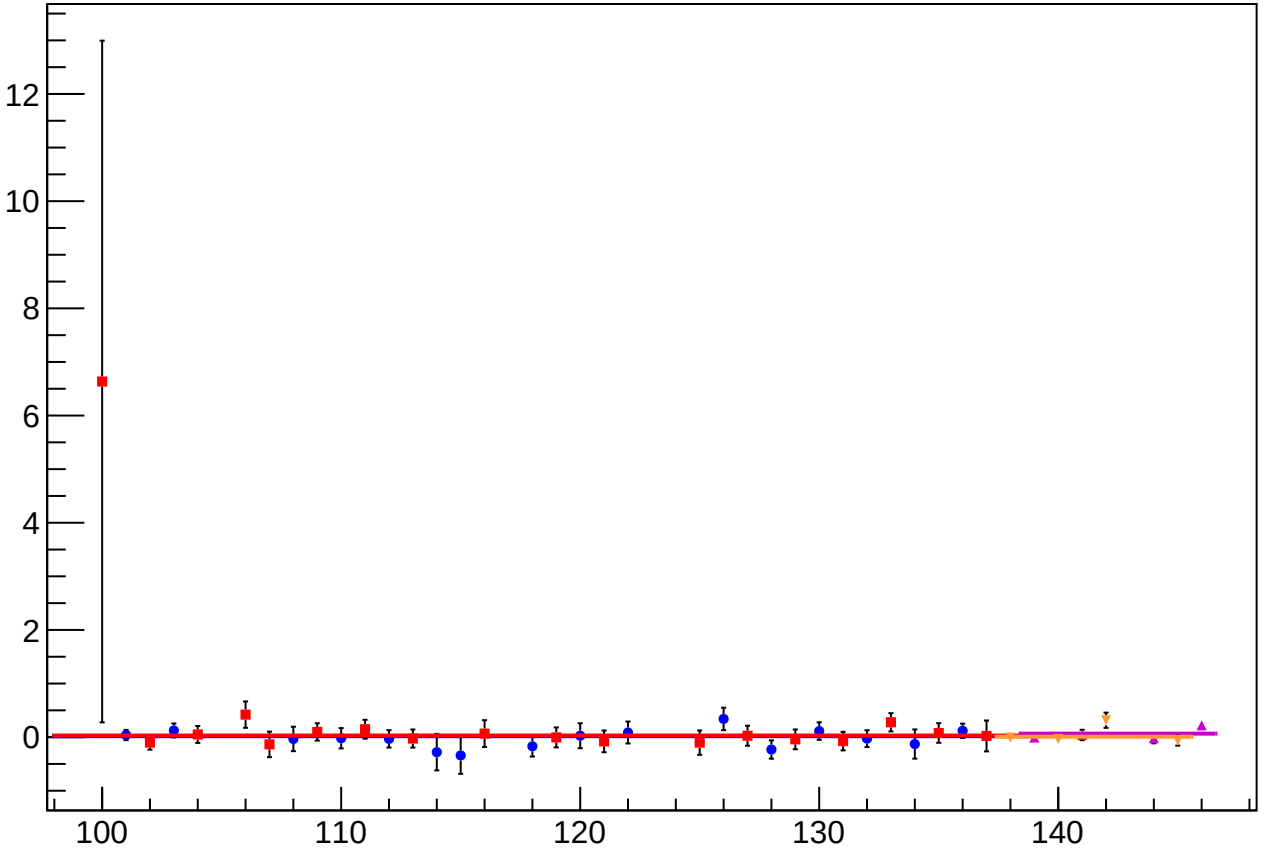
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.022+/-0.019 χ^2/NDF:17.3/19

Out: -0.093+/-0.021 χ^2/NDF:15.3/21

All: -0.054+/-0.014 χ^2/NDF: 38.8/41

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: 0.008+/-0.049 χ^2/NDF:5.5/3

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.065+/-0.045 χ^2/NDF:5.2/3

Left: 0.039+/-0.033 χ^2/NDF: 11.4/7

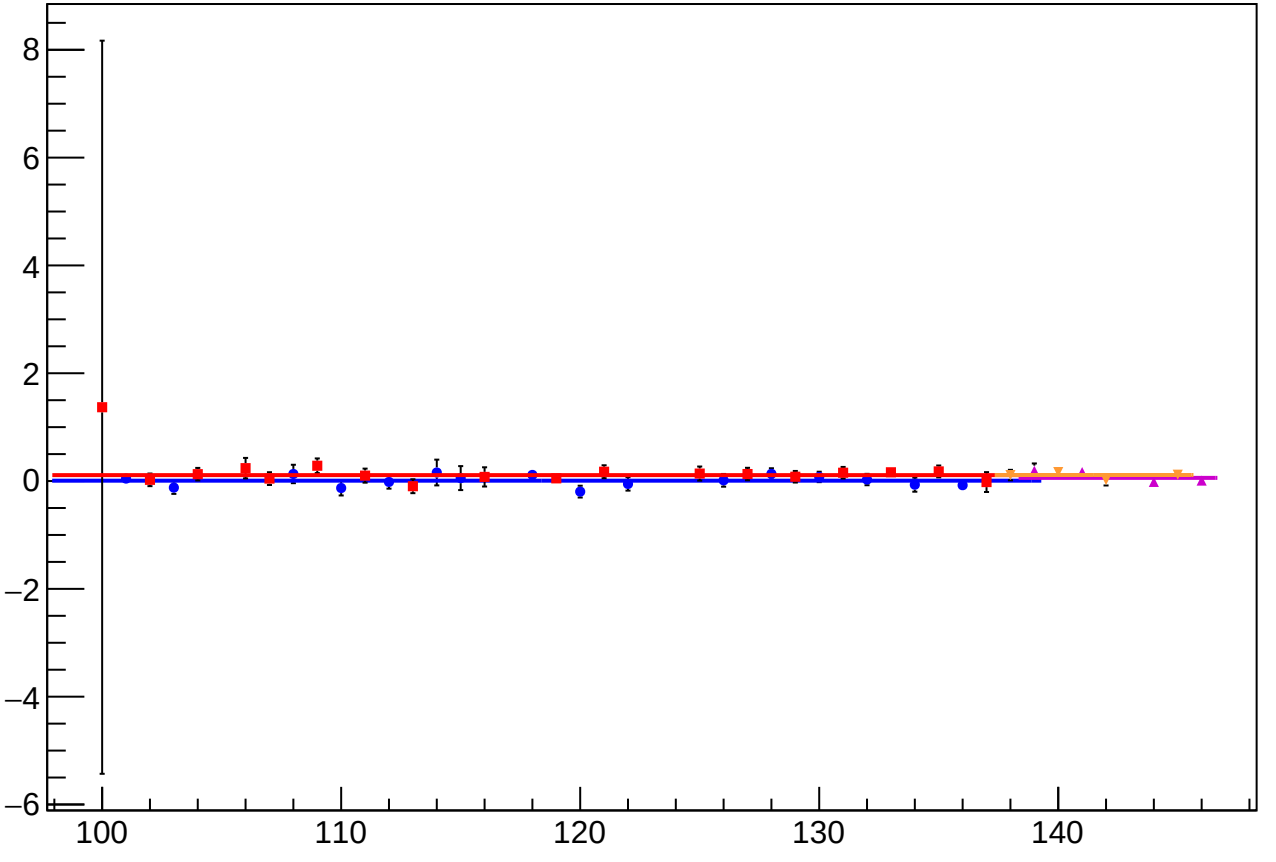
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.040+/-0.031 χ^2/NDF:15.4/19

Out: 0.020+/-0.033 χ^2/NDF:14.8/21

All: 0.031+/-0.023 χ^2/NDF: 30.4/41

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: 0.112+/-0.045 χ^2/NDF:1.3/3

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.059+/-0.040 χ^2/NDF:4.4/3

Left: 0.082+/-0.030 χ^2/NDF: 6.5/7

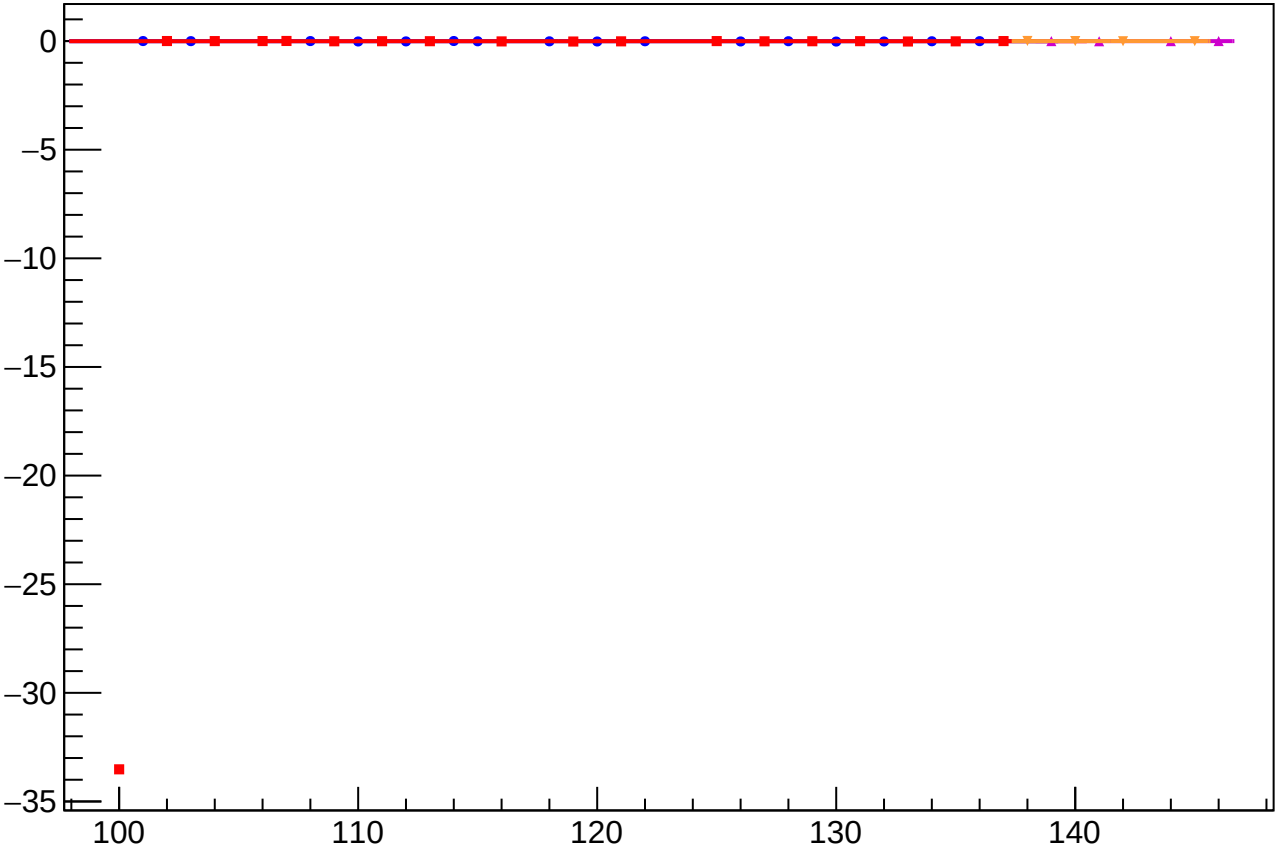
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.023+/-0.022 χ^2/NDF:17.7/19

Out: 0.111+/-0.024 χ^2/NDF:9.3/21

All: 0.063+/-0.016 χ^2/NDF: 34.0/41

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: -0.000+/-0.002 χ^2/NDF:5.7/3

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: -0.002+/-0.002 χ^2/NDF:2.9/3

Left: -0.001+/-0.001 χ^2/NDF: 9.0/7

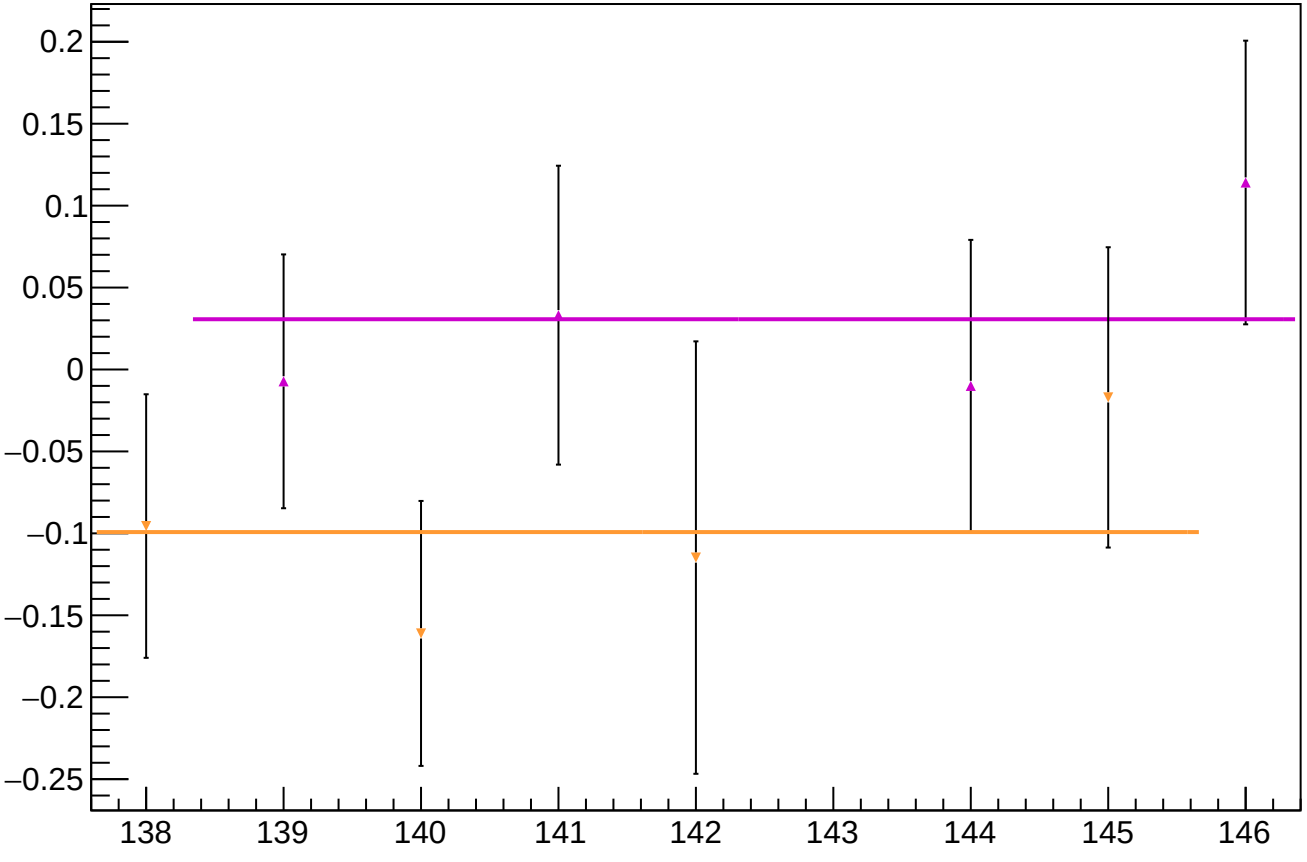
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.004+/-0.001 χ^2/NDF:27.9/19

Out: -0.004+/-0.001 χ^2/NDF:26520.0/21

All: -0.004+/-0.001 χ^2/NDF: 26547.8/41

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: -0.099+/-0.045 χ^2/NDF:1.4/3

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

Left In: 0.031+/-0.043 χ^2/NDF:1.4/3

Left: -0.030+/-0.031 χ^2/NDF: 7.1/7

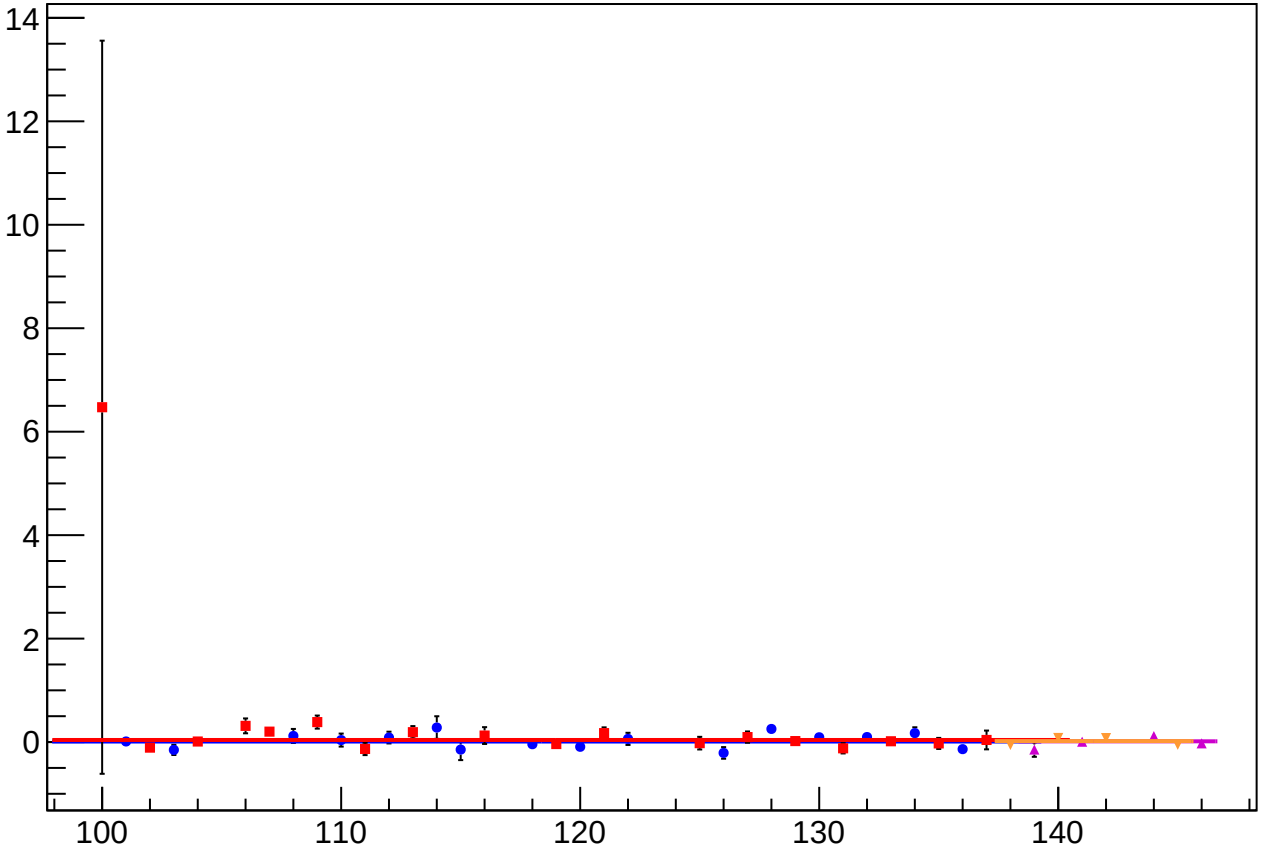
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.031+/-0.043 χ^2/NDF:1.4/3

Out: -0.099+/-0.045 χ^2/NDF:1.4/3

All: -0.030+/-0.031 χ^2/NDF: 7.1/7

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 25.4/15

Left Out: 0.019+/-0.039 χ^2/NDF:2.9/3

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.014+/-0.033 χ^2/NDF:4.4/3

Left: 0.016+/-0.025 χ^2/NDF: 7.3/7

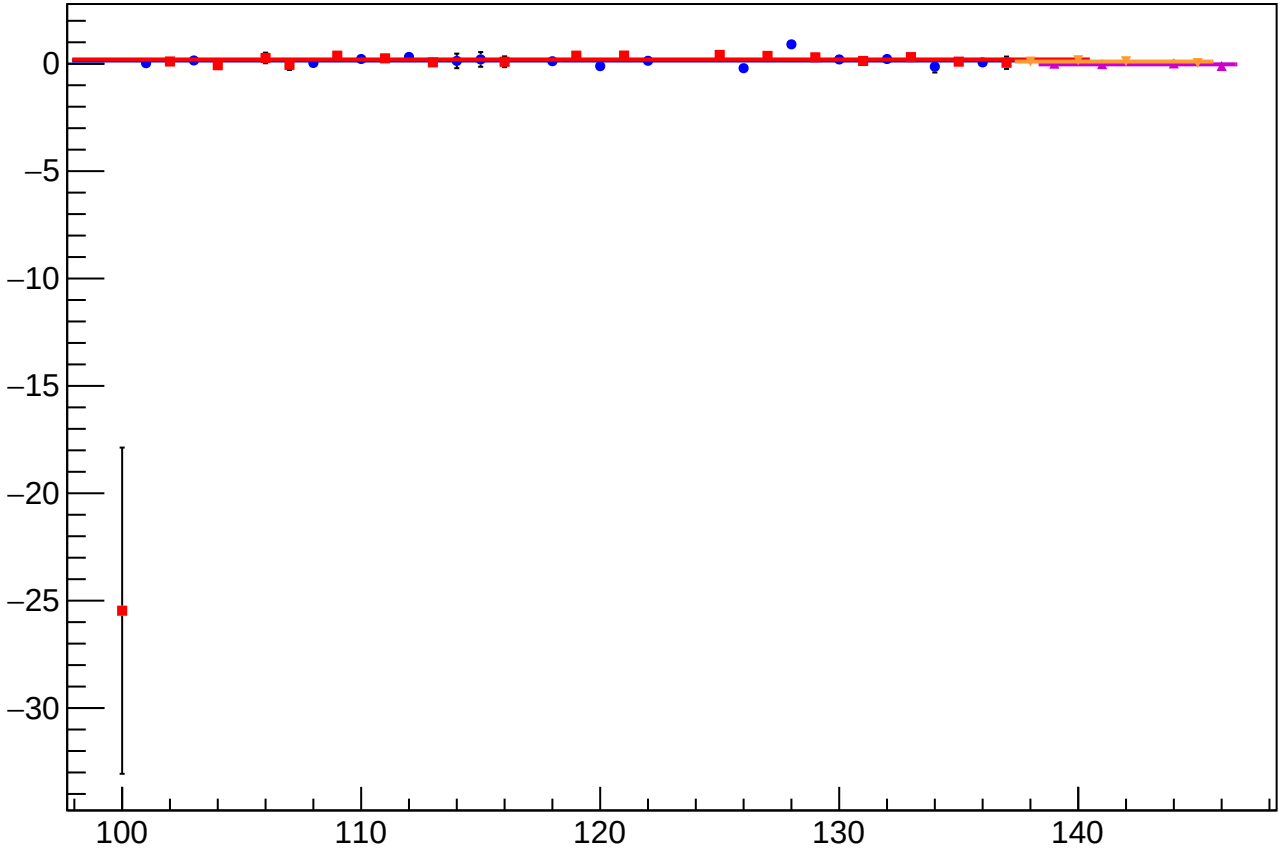
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.012+/-0.019 χ^2/NDF:29.9/19

Out: 0.034+/-0.021 χ^2/NDF:31.1/21

All: 0.022+/-0.014 χ^2/NDF: 61.5/41

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: 0.104+/-0.049 χ^2/NDF:1.0/3

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: -0.027+/-0.045 χ^2/NDF:1.2/3

Left: 0.033+/-0.033 χ^2/NDF: 6.2/7

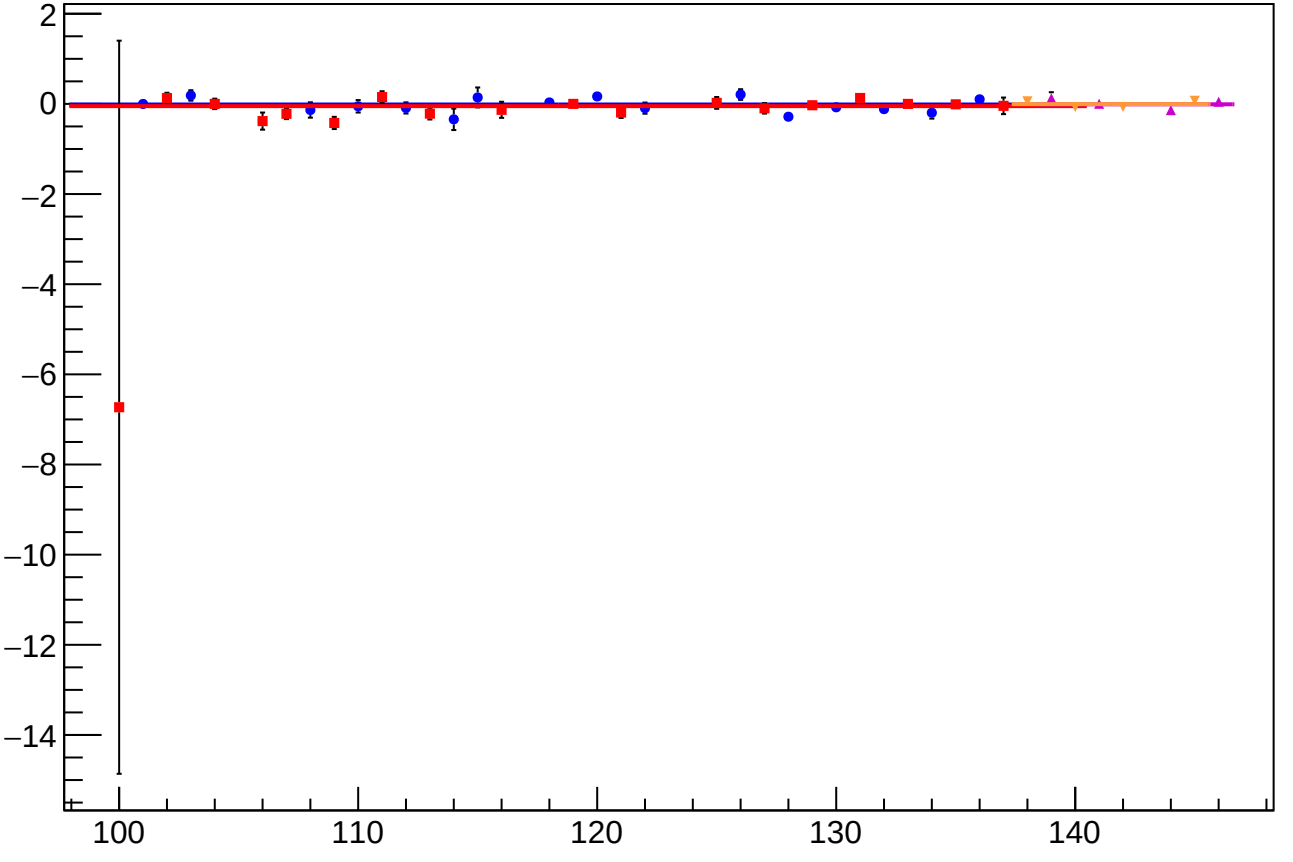
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.066+/-0.031 χ^2/NDF:38.4/19

Out: 0.156+/-0.033 χ^2/NDF:26.0/21

All: 0.108+/-0.023 χ^2/NDF: 68.4/41

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: -0.006+/-0.045 χ^2/NDF:2.1/3

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.009+/-0.040 χ^2/NDF:4.7/3

Left: -0.007+/-0.030 χ^2/NDF: 6.8/7

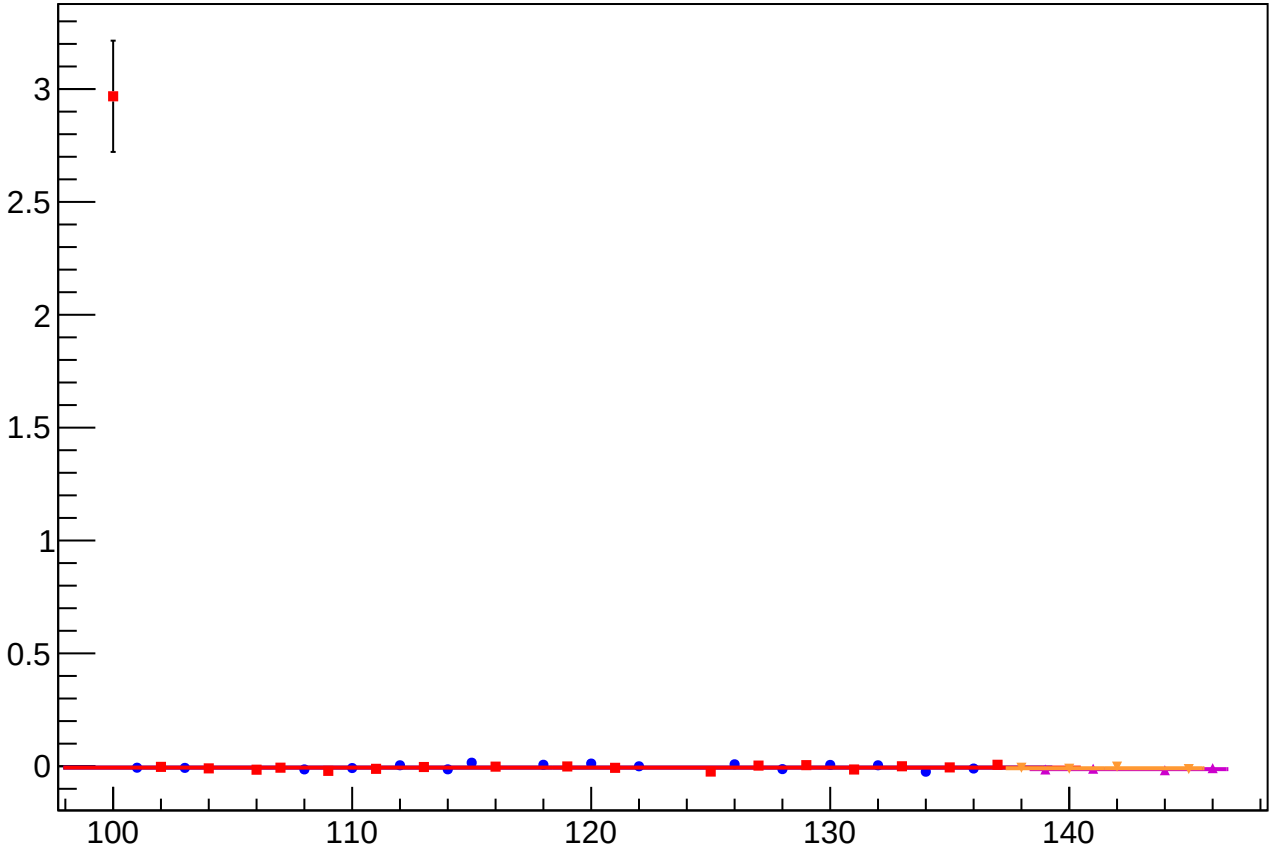
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.012+/-0.022 χ^2/NDF:29.8/19

Out: -0.037+/-0.024 χ^2/NDF:28.6/21

All: -0.024+/-0.016 χ^2/NDF: 59.0/41

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+/-0.002 χ^2/NDF:3.3/3

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.013+/-0.002 χ^2/NDF:3.1/3

Left: -0.011+/-0.001 χ^2/NDF: 8.7/7

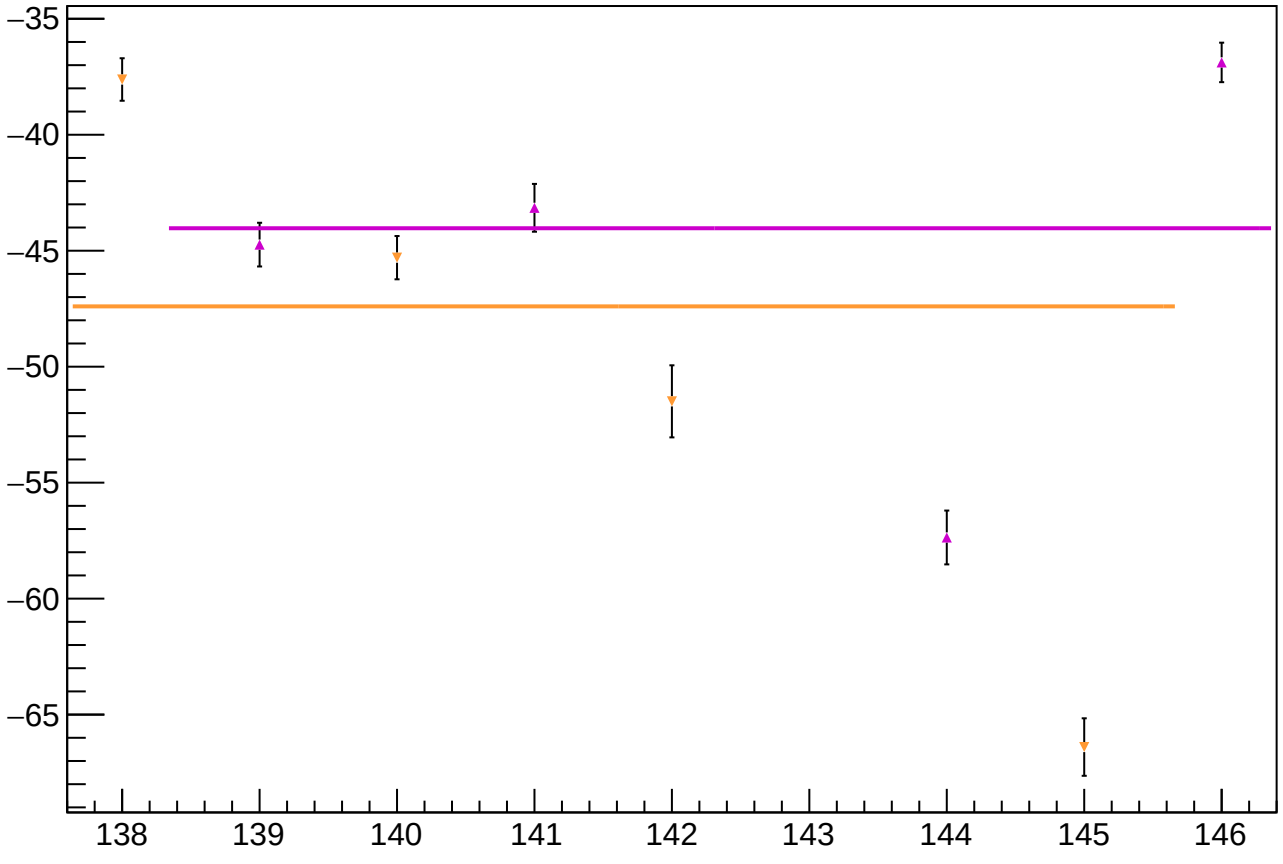
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:40.9/19

Out: -0.007+/-0.001 χ^2/NDF:170.6/21

All: -0.008+/-0.001 χ^2/NDF: 212.6/41

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: -47.400+/-0.542 χ^2/NDF:360.9/3

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

Left In: -44.031+/-0.488 χ^2/NDF:203.8/3

Left: -45.541+/-0.363 χ^2/NDF: 586.0/7

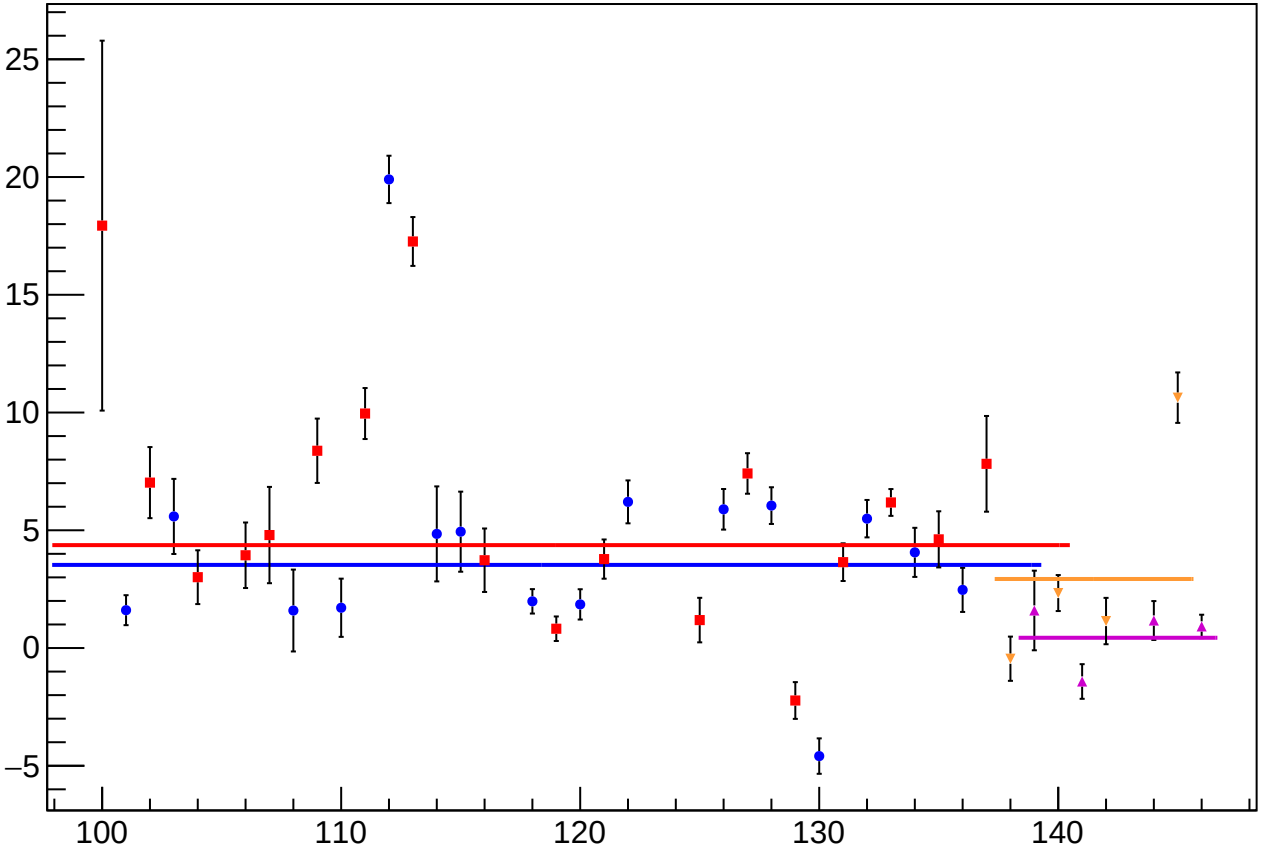
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.031+/-0.488 χ^2/NDF:203.8/3

Out: -47.400+/-0.542 χ^2/NDF:360.9/3

All: -45.541+/-0.363 χ^2/NDF: 586.0/7

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: 2.932+/-0.459 χ^2/NDF:68.5/3

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 0.436+/-0.360 χ^2/NDF:8.6/3

Left: 1.387+/-0.283 χ^2/NDF: 95.4/7

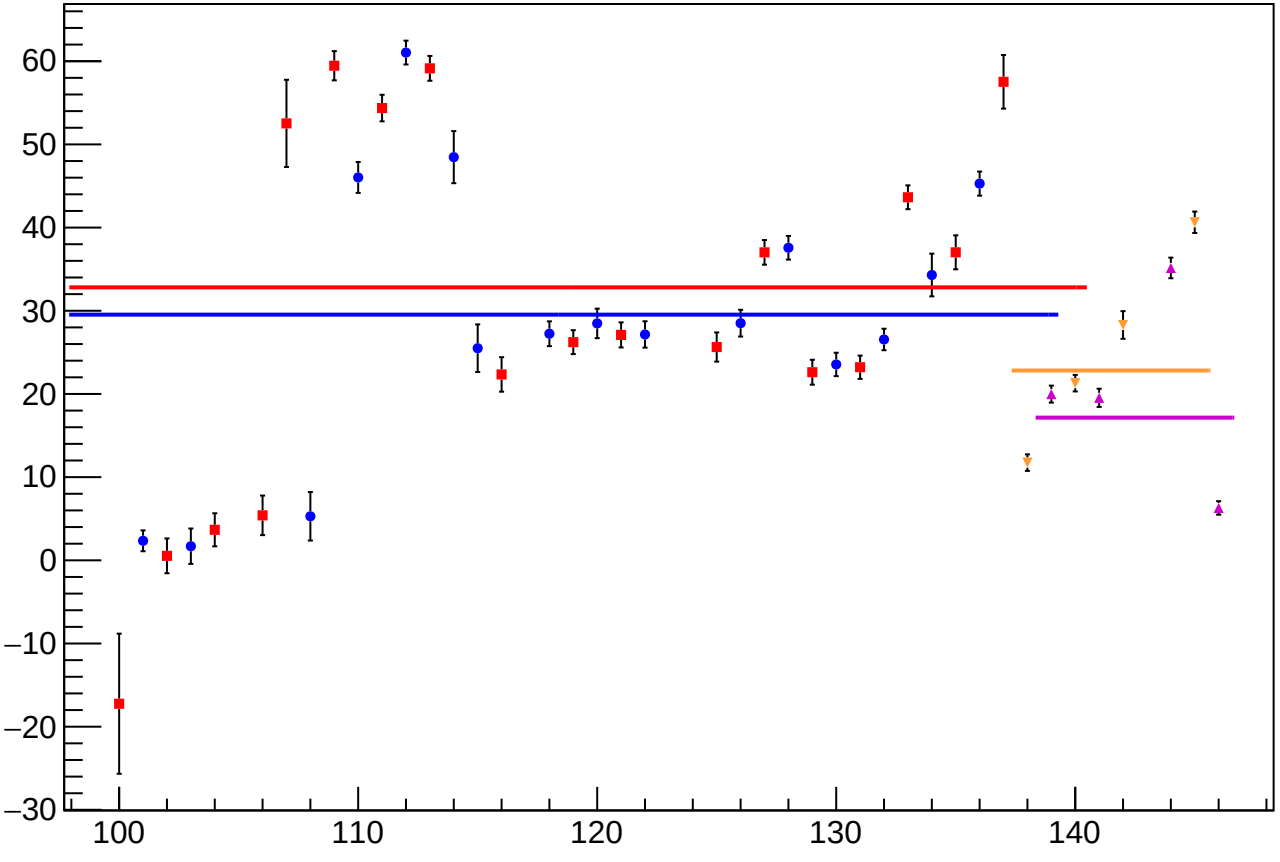
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.703+/-0.186 χ^2/NDF:509.3/19

Out: 4.090+/-0.202 χ^2/NDF:430.3/21

All: 3.339+/-0.137 χ^2/NDF: 965.0/41

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: 22.816+/-0.578 χ^2/NDF:329.3/3

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 17.154+/-0.503 χ^2/NDF:400.6/3

Left: 19.594+/-0.380 χ^2/NDF: 784.4/7

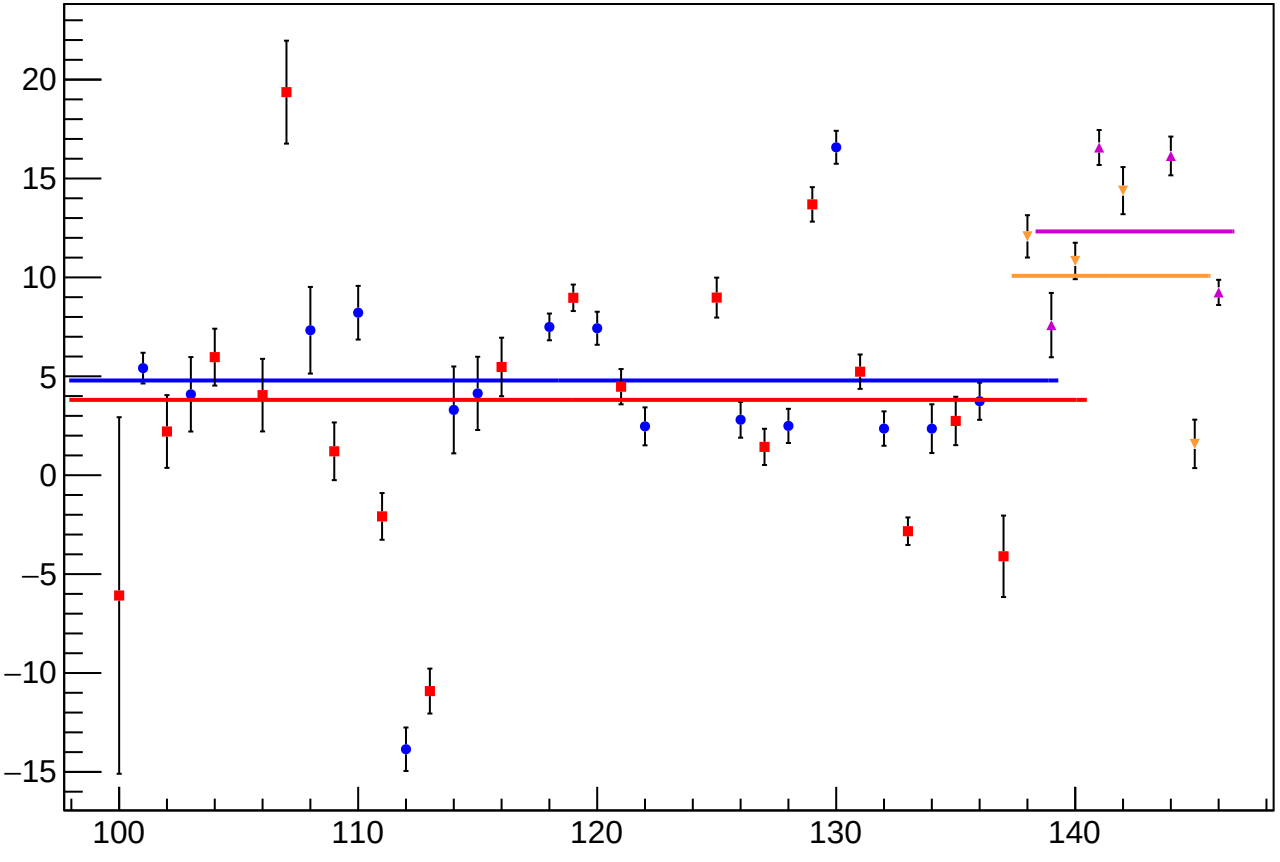
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 24.496+/-0.321 χ^2/NDF:2254.6/19

Out: 29.331+/-0.341 χ^2/NDF:2183.5/21

All: 26.765+/-0.234 χ^2/NDF: 4544.6/41

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: 10.080+/-0.540 χ^2/NDF:65.3/3

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 12.324+/-0.440 χ^2/NDF:70.1/3

Left: 11.430+/-0.341 χ^2/NDF: 145.9/7

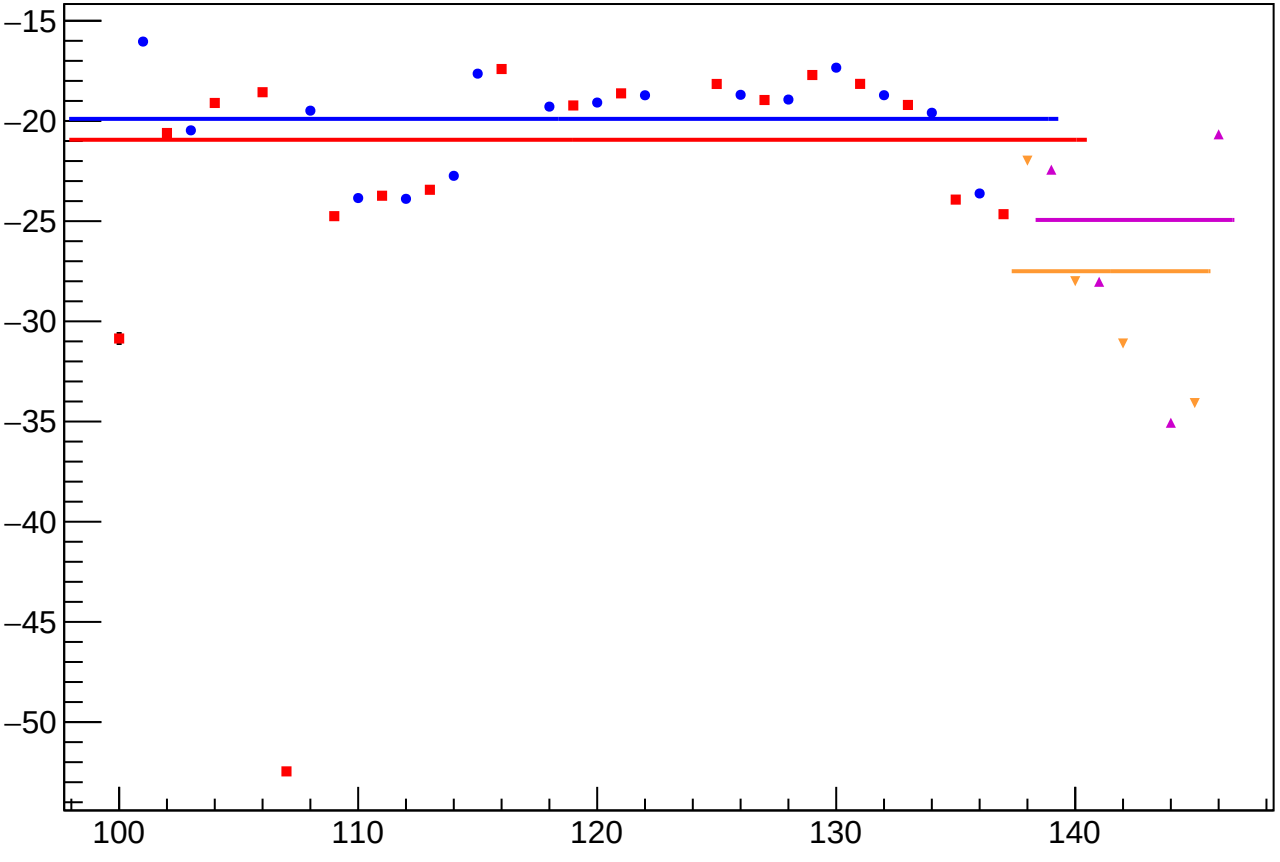
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 6.642+/-0.218 χ^2/NDF:845.4/19

Out: 4.979+/-0.233 χ^2/NDF:742.4/21

All: 5.867+/-0.159 χ^2/NDF: 1614.9/41

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: -27.498+/-0.024 χ^2/NDF:39661.6/3

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -24.939+/-0.021 χ^2/NDF:57260.4/3

Left: -26.051+/-0.016 χ^2/NDF: 103573.0/7

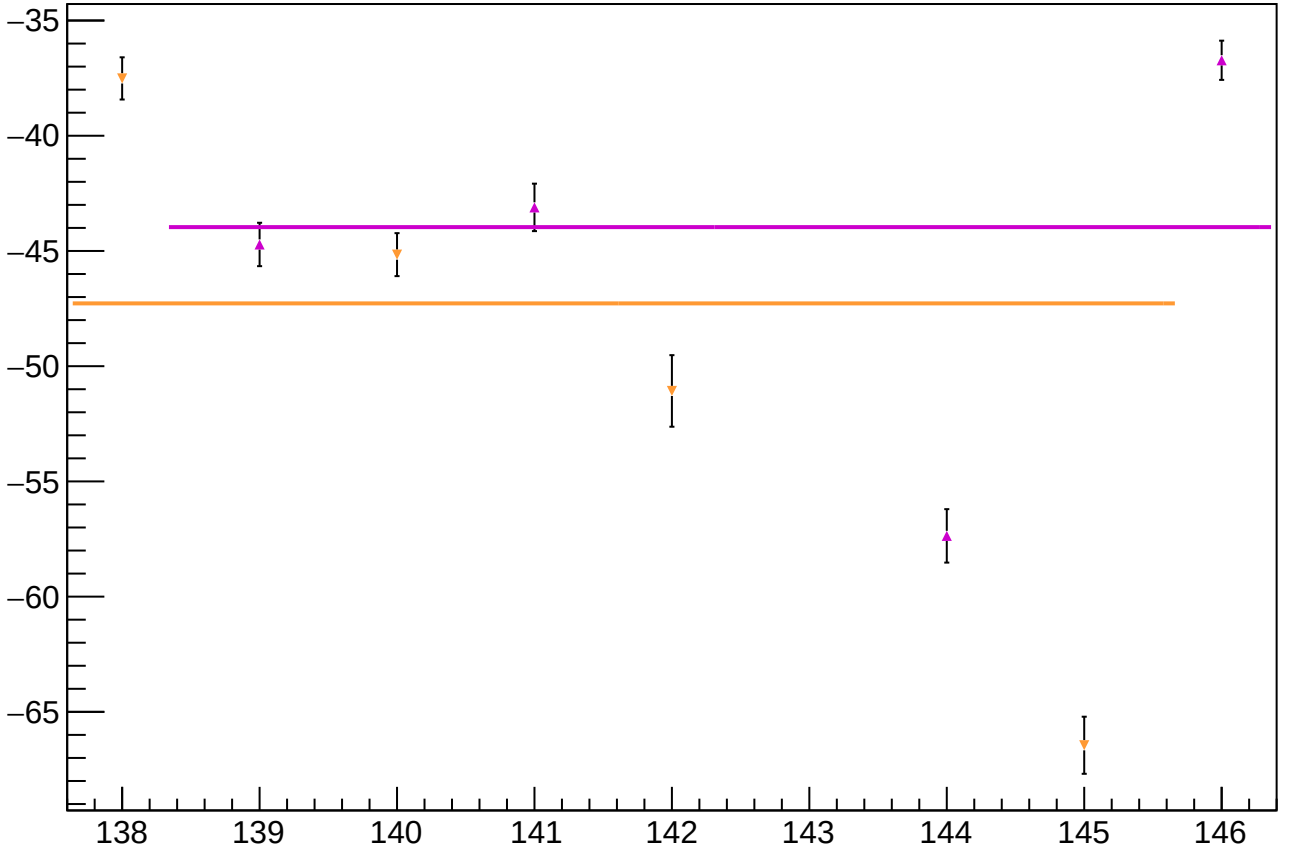
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -21.719+/-0.012 χ^2/NDF:121280.2/19

Out: -22.953+/-0.013 χ^2/NDF:187269.4/21

All: -22.305+/-0.009 χ^2/NDF: 313224.9/41

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: -47.275+/-0.542 χ^2/NDF:364.3/3

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

Left In: -43.965+/-0.488 χ^2/NDF:207.2/3

Left: -45.449+/-0.363 χ^2/NDF: 592.2/7

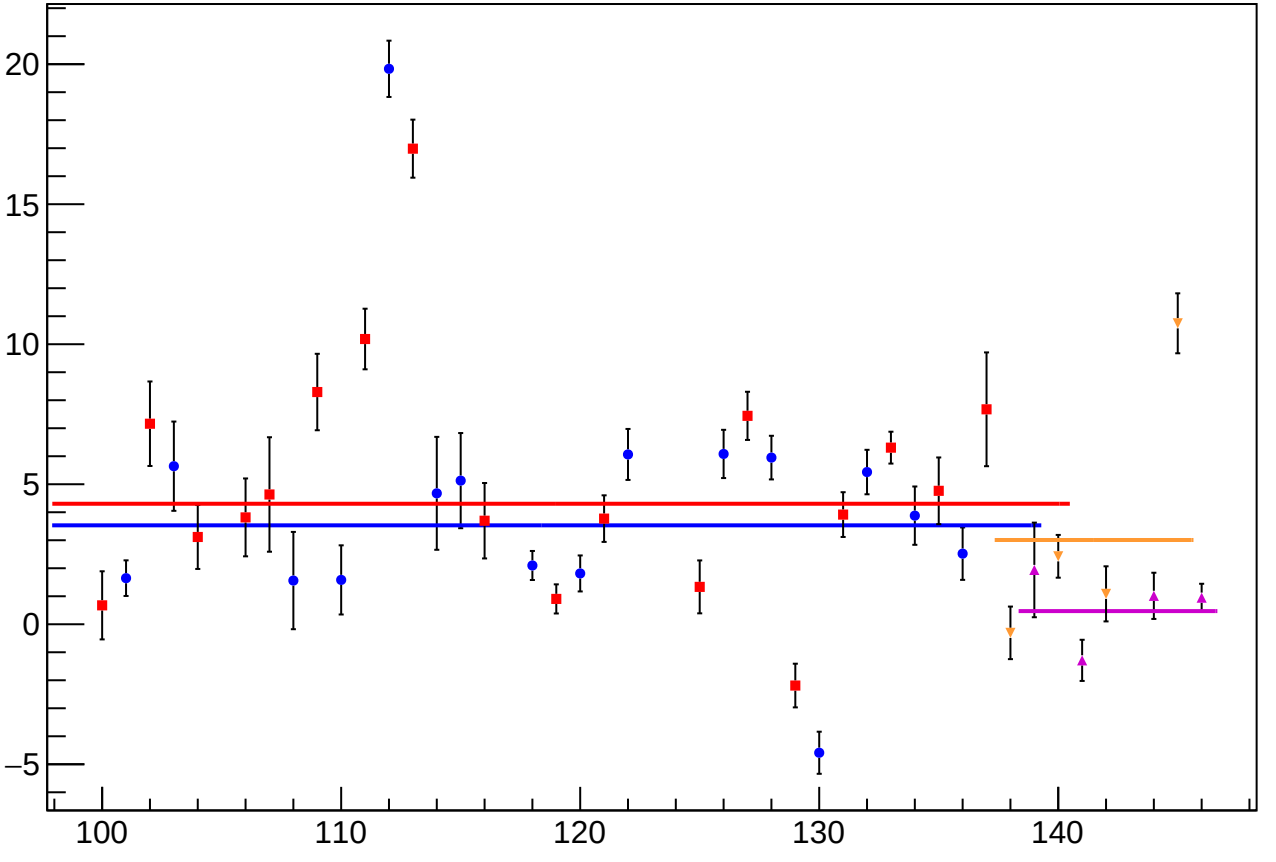
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -43.965+/-0.488 χ^2/NDF:207.2/3

Out: -47.275+/-0.542 χ^2/NDF:364.3/3

All: -45.449+/-0.363 χ^2/NDF: 592.2/7

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: 3.009+/-0.459 χ^2/NDF:69.1/3

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 0.470+/-0.360 χ^2/NDF:7.9/3

Left: 1.437+/-0.283 χ^2/NDF: 96.0/7

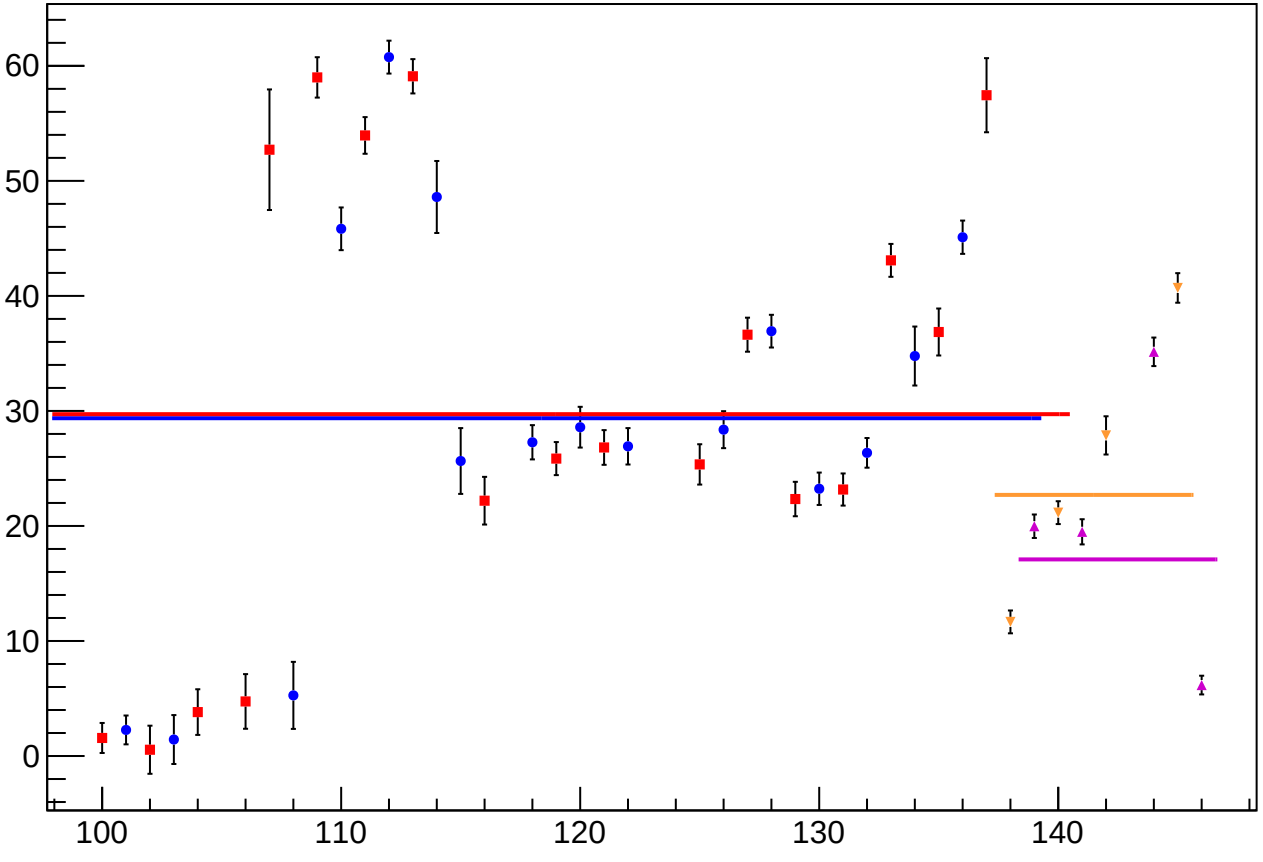
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.714+/-0.186 χ^2/NDF:504.2/19

Out: 4.058+/-0.199 χ^2/NDF:428.4/21

All: 3.339+/-0.136 χ^2/NDF: 956.9/41

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: 22.700+/-0.578 χ^2/NDF:331.6/3

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 17.092+/-0.503 χ^2/NDF:404.9/3

Left: 19.508+/-0.379 χ^2/NDF: 790.2/7

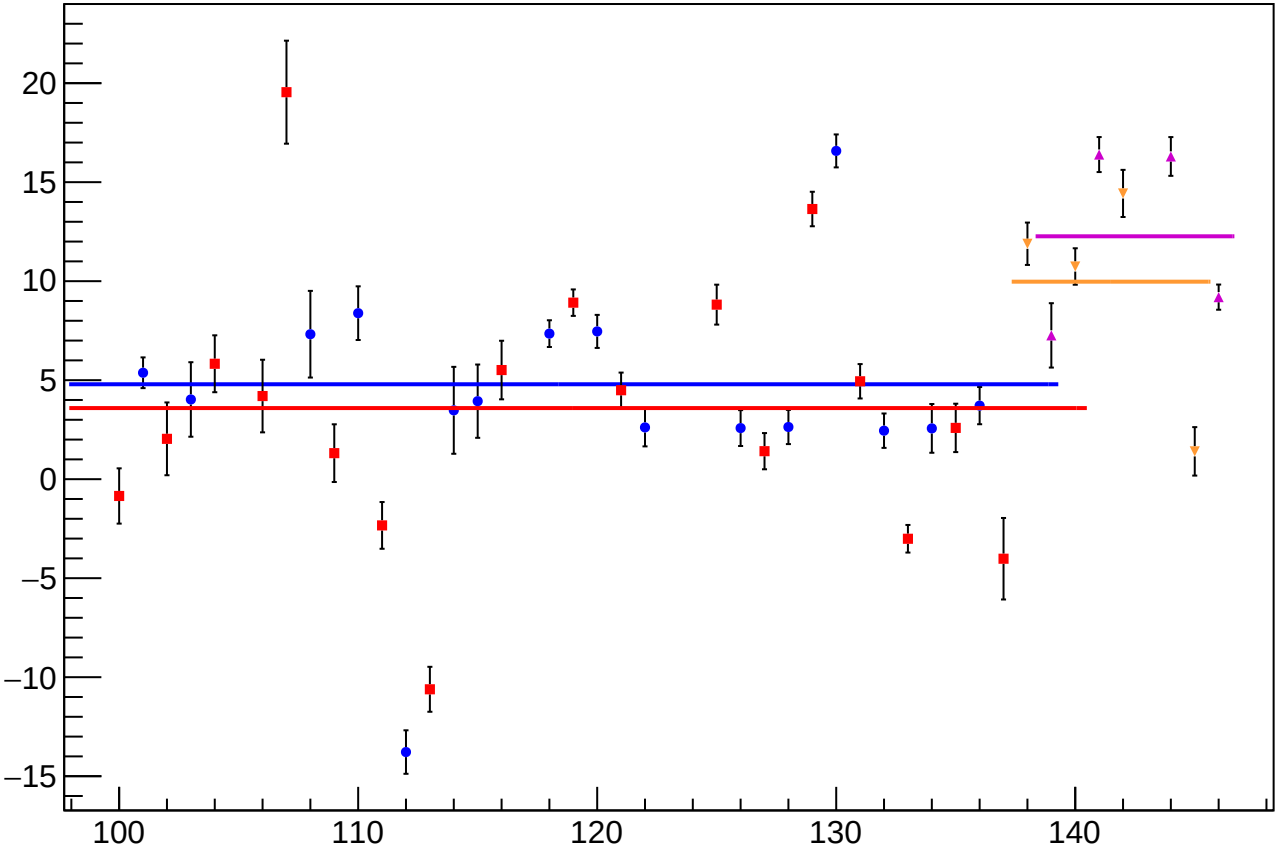
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 24.371+/-0.321 χ^2/NDF:2247.2/19

Out: 27.426+/-0.330 χ^2/NDF:2560.5/21

All: 25.854+/-0.230 χ^2/NDF: 4851.7/41

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: 9.975+/-0.540 χ^2/NDF:67.0/3

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 12.267+/-0.440 χ^2/NDF:71.6/3

Left: 11.354+/-0.341 χ^2/NDF: 149.4/7

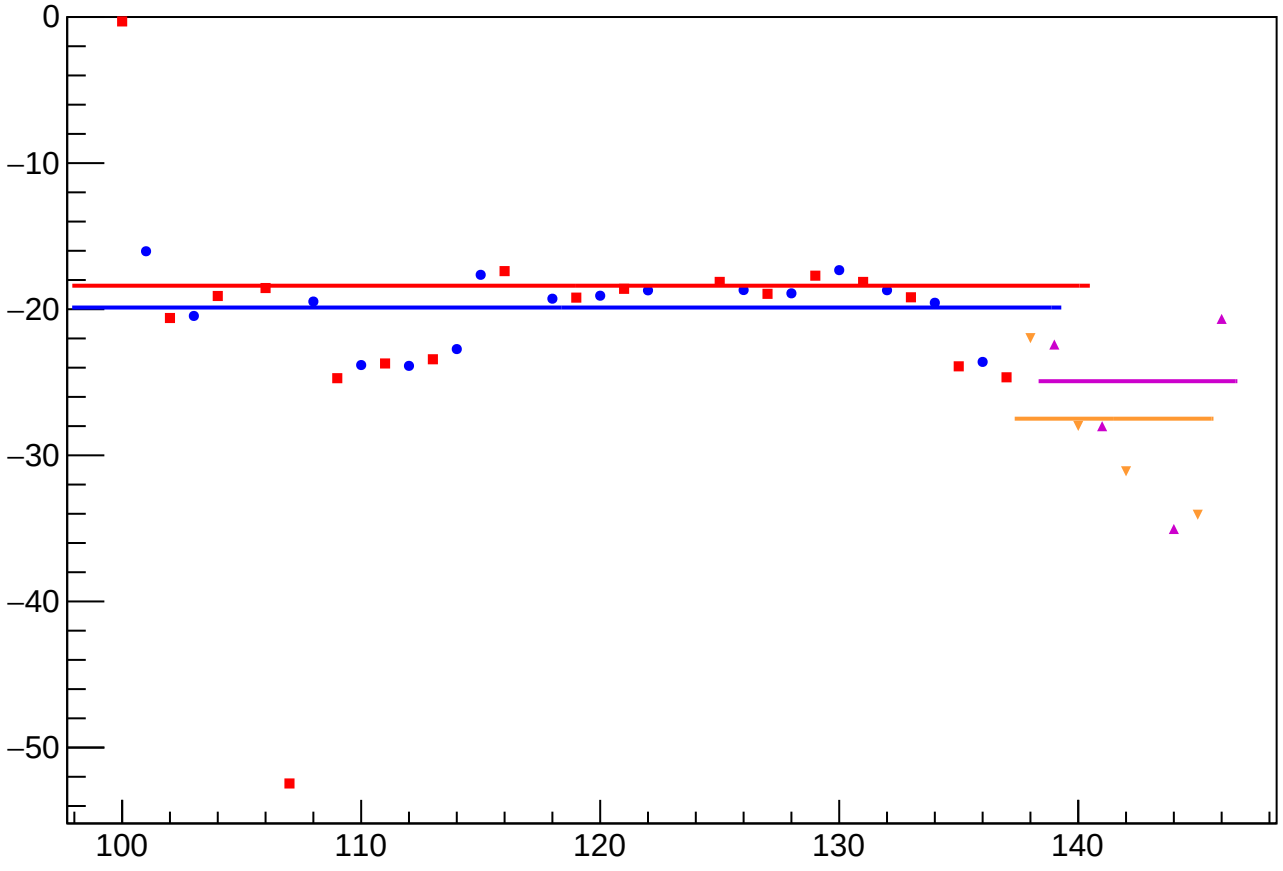
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 6.632+/-0.218 χ^2/NDF:839.5/19

Out: 4.751+/-0.230 χ^2/NDF:754.6/21

All: 5.742+/-0.158 χ^2/NDF: 1629.3/41

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: -27.491+/-0.024 χ^2/NDF:39621.4/3

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -24.926+/-0.021 χ^2/NDF:57216.4/3

Left: -26.040+/-0.016 χ^2/NDF: 103527.8/7

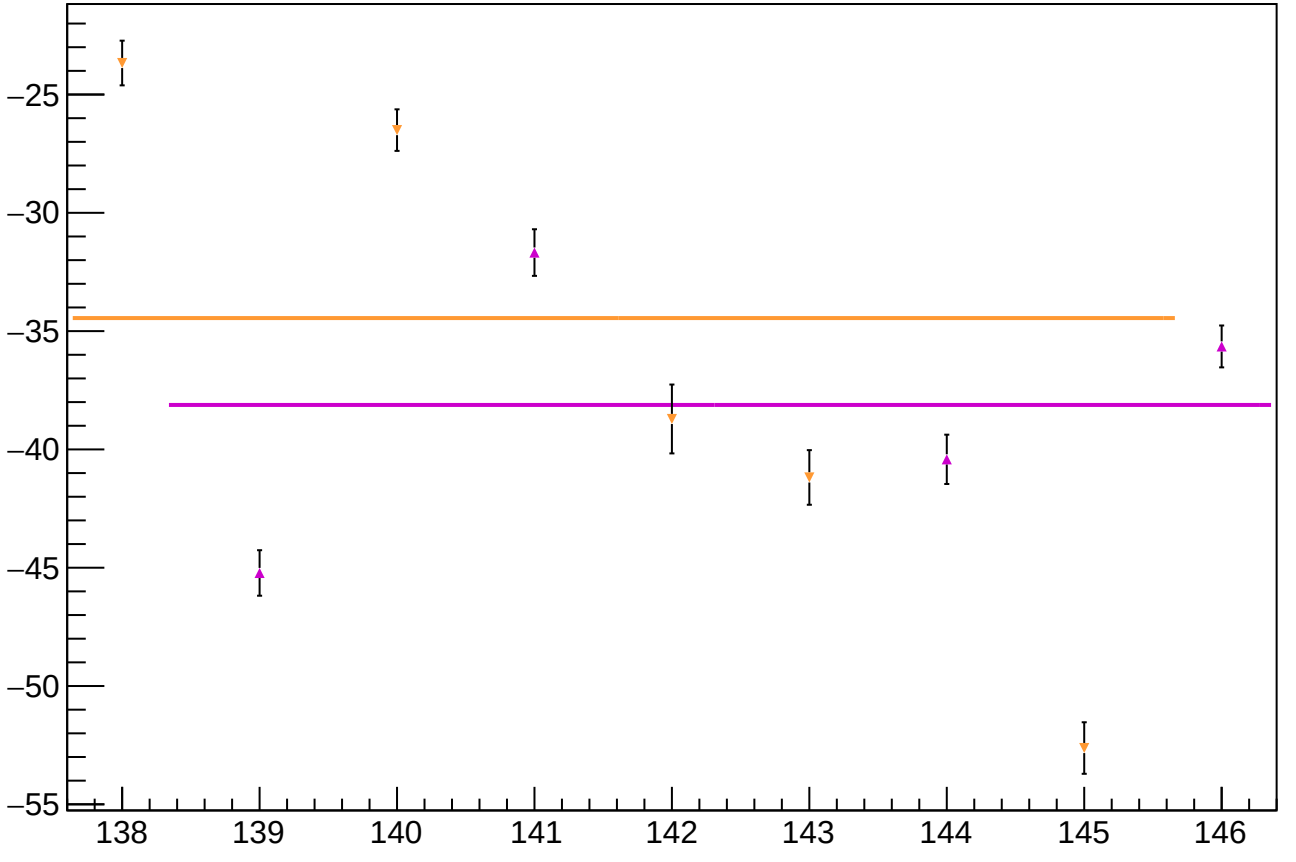
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -21.706+/-0.012 χ^2/NDF:121253.5/19

Out: -20.946+/-0.012 χ^2/NDF:447955.4/21

All: -21.328+/-0.009 χ^2/NDF: 571070.3/41

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: -34.448+/-0.472 χ^2/NDF:533.1/4

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

Left In: -38.120+/-0.482 χ^2/NDF:109.9/3

Left: -36.248+/-0.337 χ^2/NDF: 672.7/8

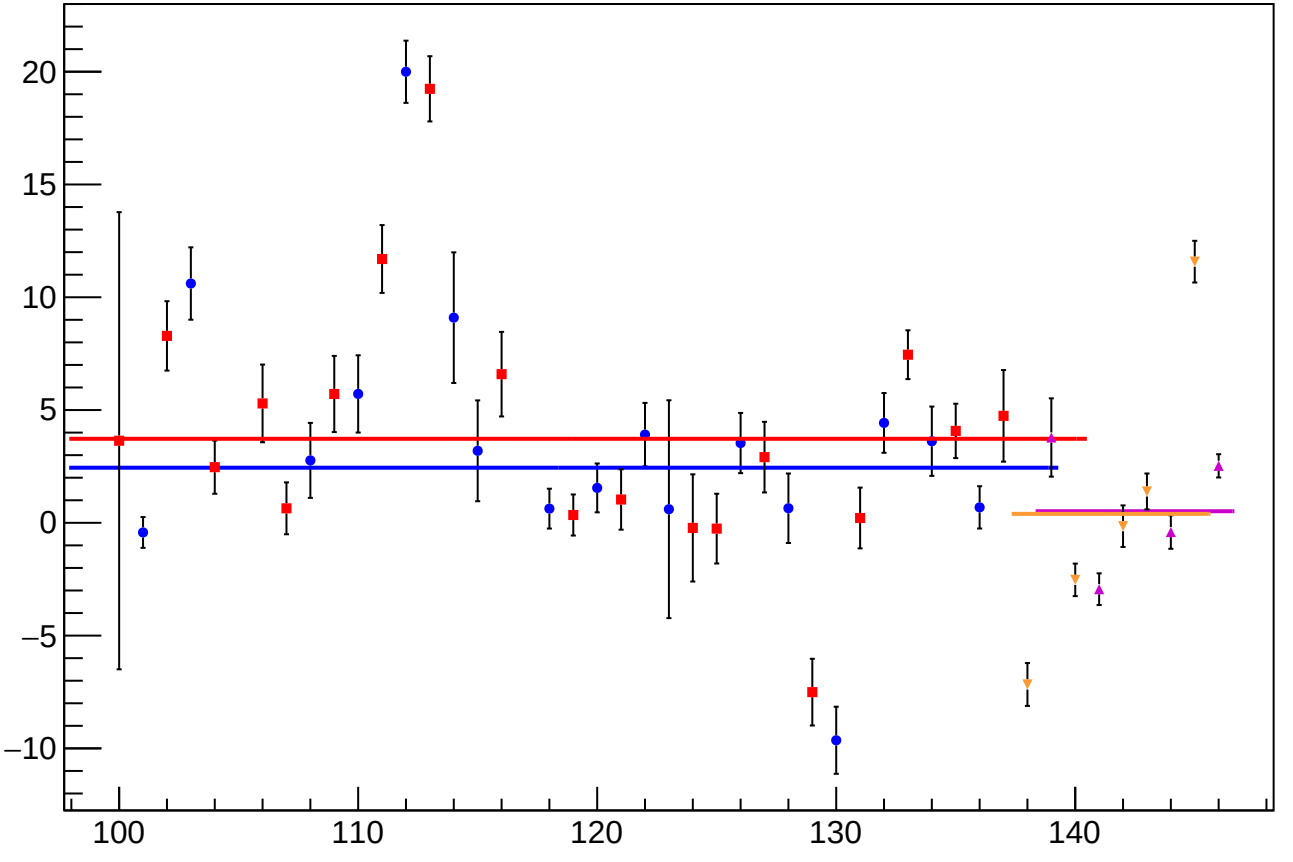
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.120+/-0.482 χ^2/NDF:109.9/3

Out: -34.448+/-0.472 χ^2/NDF:533.1/4

All: -36.248+/-0.337 χ^2/NDF: 672.7/8

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 0.398+/-0.379 χ^2/NDF:228.1/4

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 0.514+/-0.355 χ^2/NDF:44.5/3

Left: 0.460+/-0.259 χ^2/NDF: 272.6/8

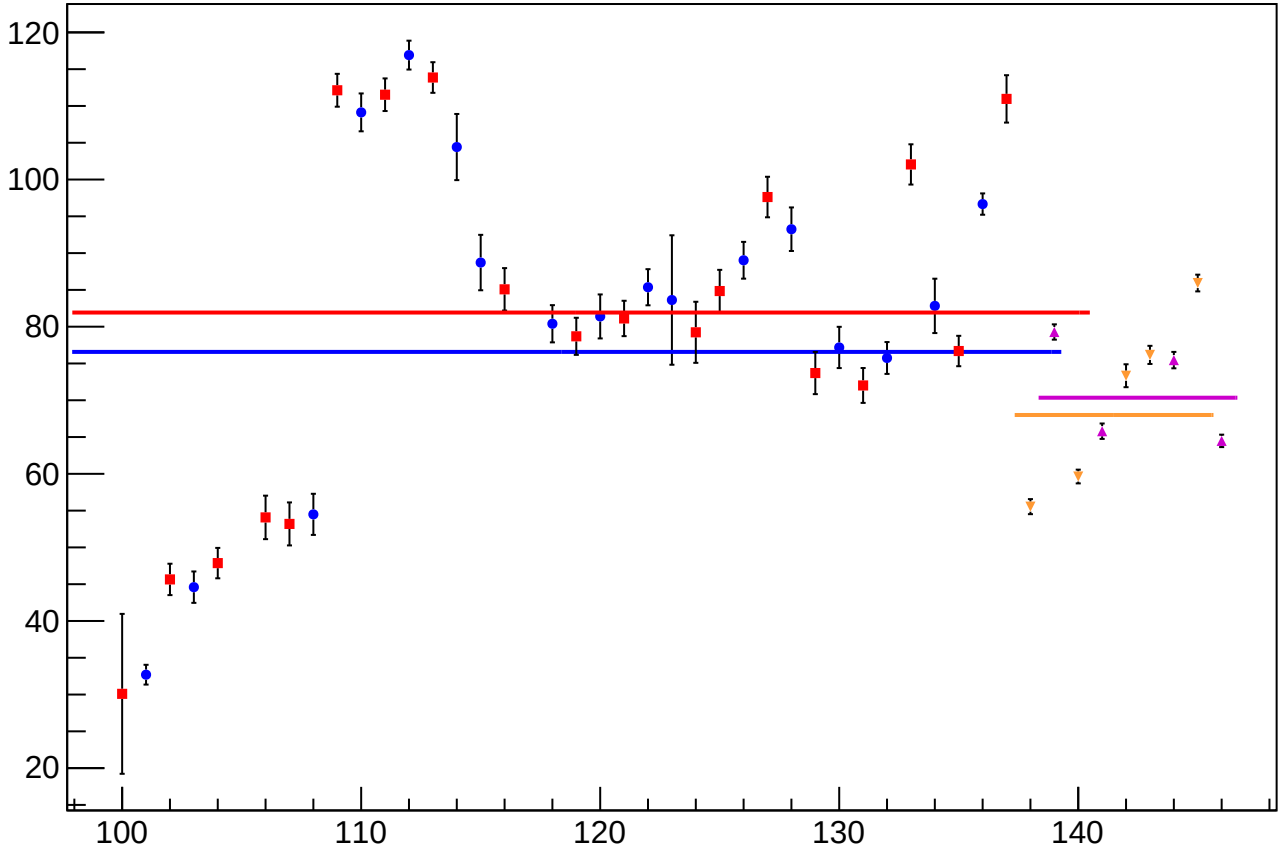
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 1.606+/-0.234 χ^2/NDF:356.5/20

Out: 2.306+/-0.248 χ^2/NDF:541.4/23

All: 1.936+/-0.170 χ^2/NDF: 902.1/44

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: 67.998+/-0.504 χ^2/NDF:532.3/4

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 70.346+/-0.498 χ^2/NDF:161.6/3

Left: 69.186+/-0.354 χ^2/NDF: 704.9/8

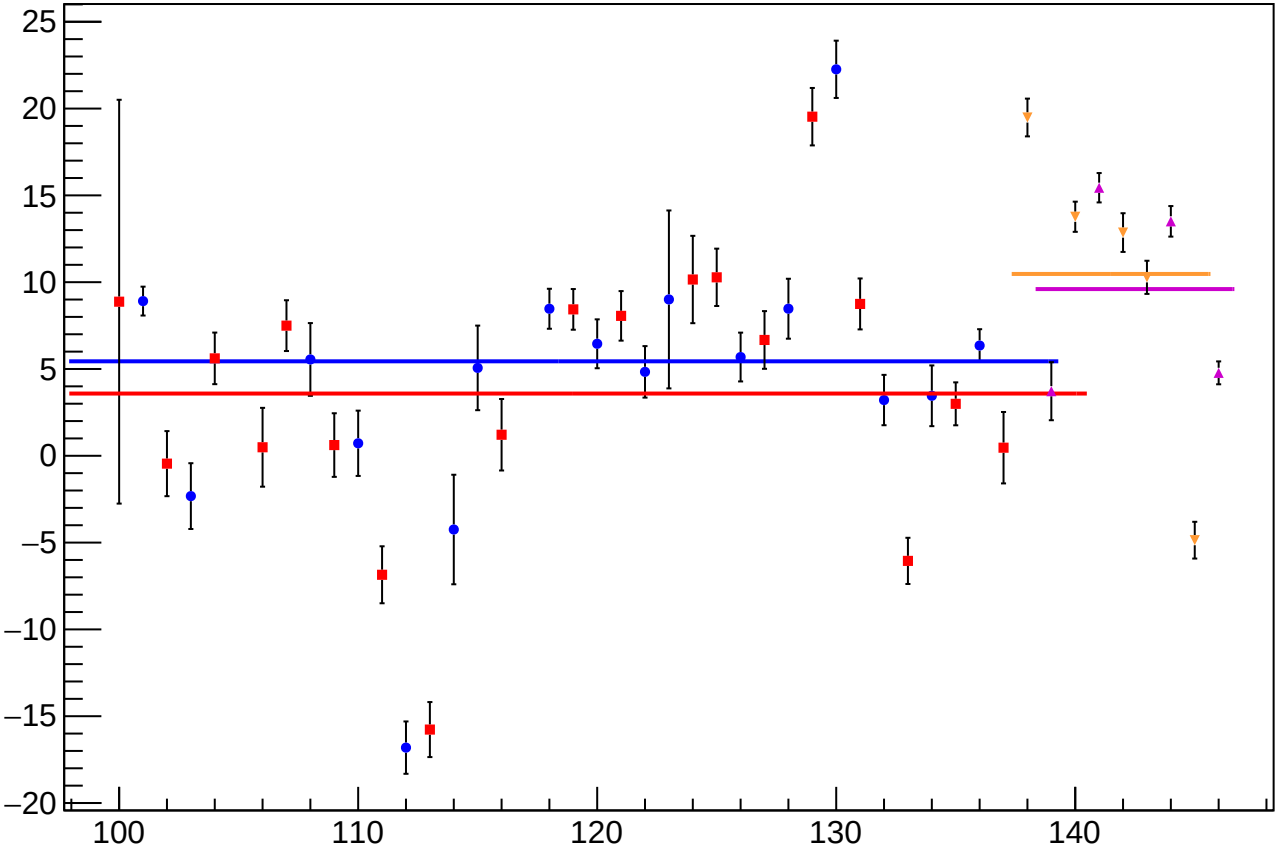
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 73.022+/-0.376 χ^2/NDF:2482.4/20

Out: 73.847+/-0.384 χ^2/NDF:2423.9/23

All: 73.426+/-0.268 χ^2/NDF: 4908.7/44

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: 10.474+/-0.449 χ^2/NDF:297.4/4

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 9.603+/-0.433 χ^2/NDF:133.2/3

Left: 10.022+/-0.311 χ^2/NDF: 432.6/8

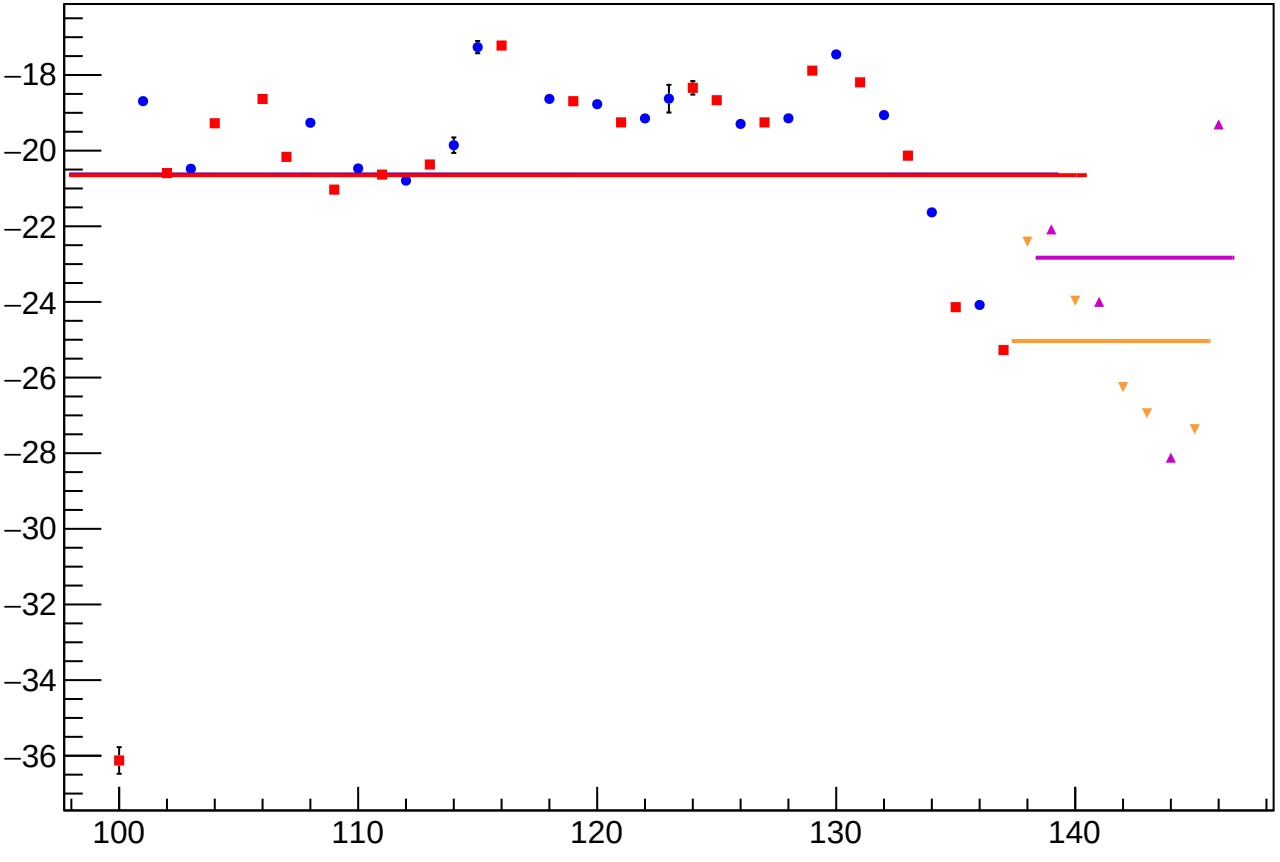
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 7.129+/-0.275 χ^2/NDF:575.6/20

Out: 6.419+/-0.288 χ^2/NDF:859.3/23

All: 6.790+/-0.199 χ^2/NDF: 1438.1/44

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: -25.036+/-0.021 χ^2/NDF:9459.5/4

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -22.831+/-0.021 χ^2/NDF:21092.6/3

Left: -23.932+/-0.015 χ^2/NDF: 36320.7/8

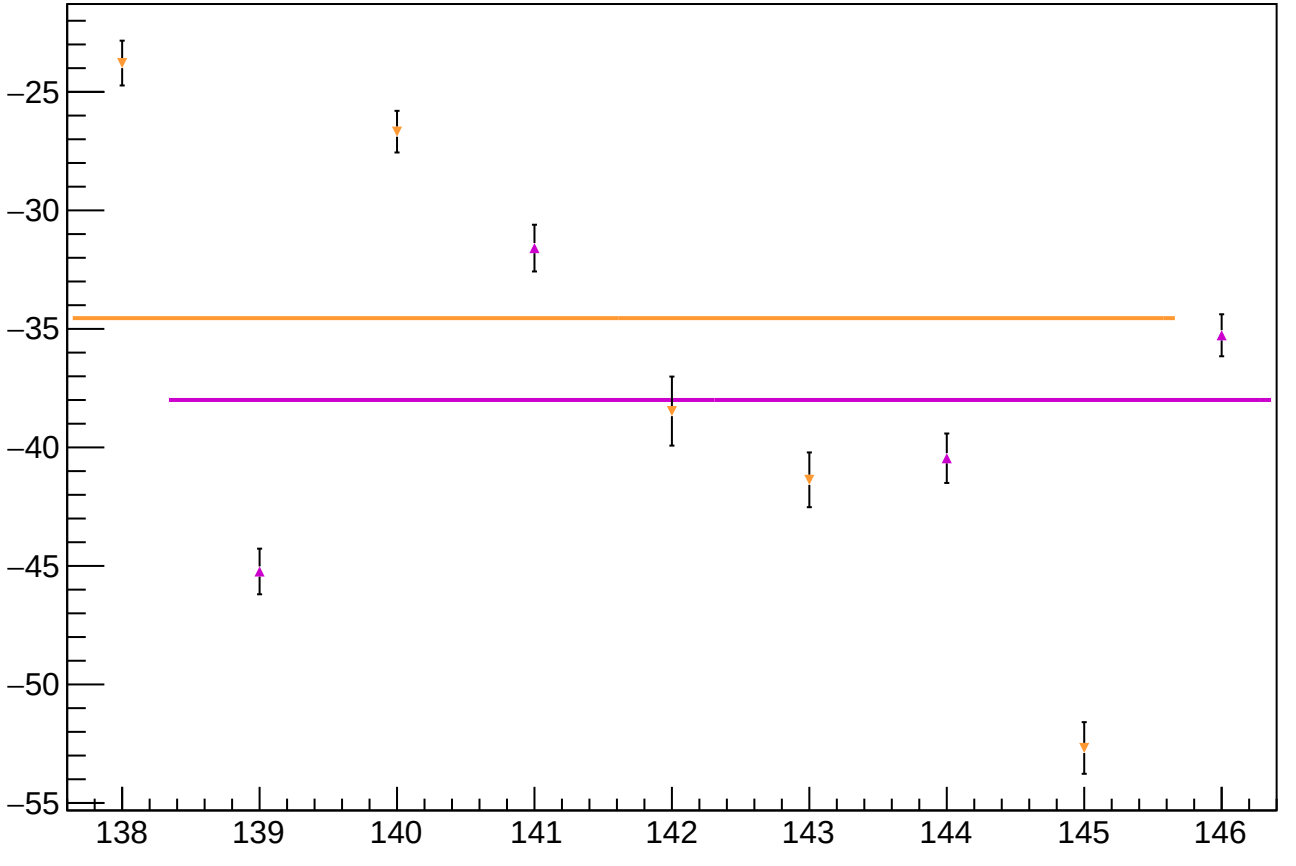
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -21.662+/-0.014 χ^2/NDF:39692.0/20

Out: -22.721+/-0.014 χ^2/NDF:47407.1/23

All: -22.189+/-0.010 χ^2/NDF: 89923.4/44

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: -34.546+/-0.473 χ^2/NDF:528.8/4

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

Left In: -37.998+/-0.482 χ^2/NDF:113.8/3

Left: -36.238+/-0.337 χ^2/NDF: 668.7/8

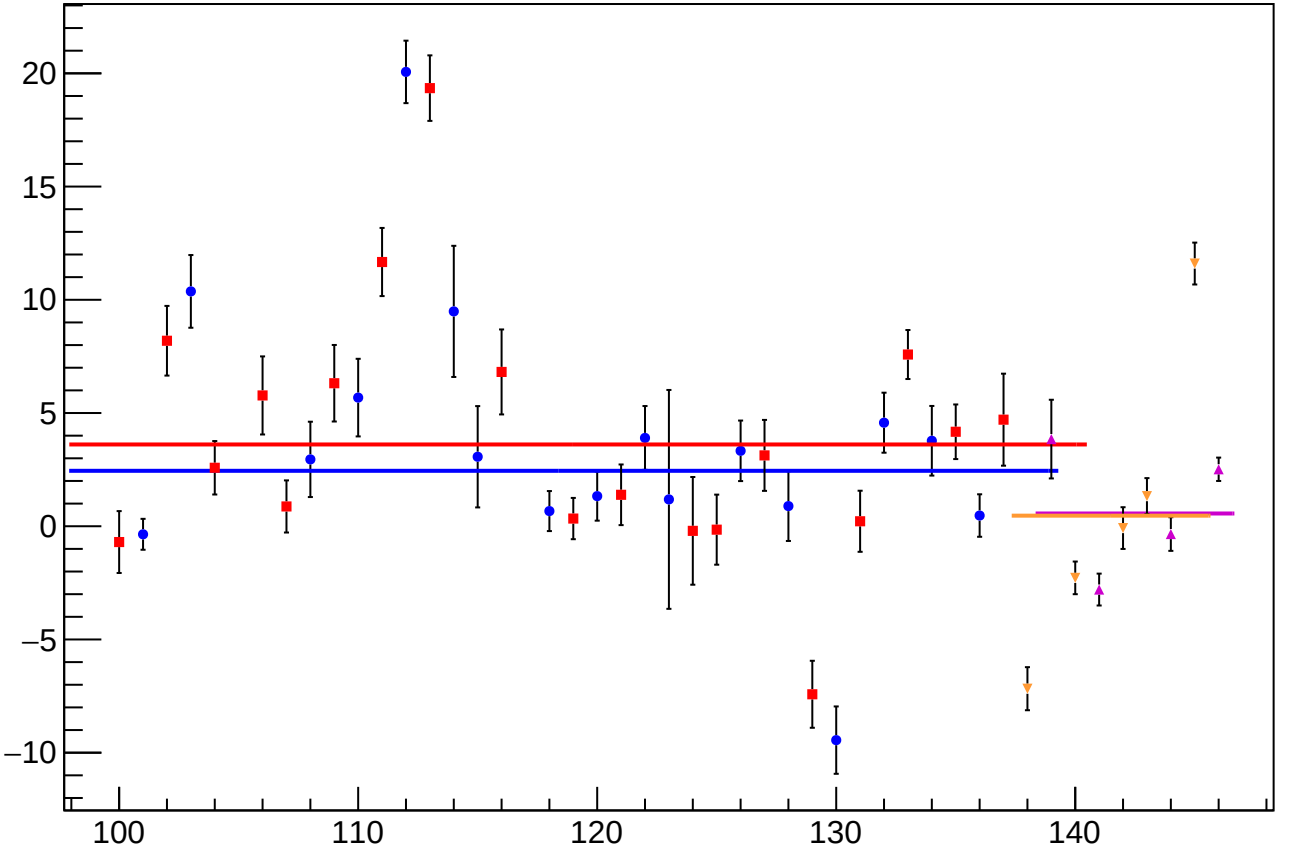
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -37.998+/-0.482 χ^2/NDF:113.8/3

Out: -34.546+/-0.473 χ^2/NDF:528.8/4

All: -36.238+/-0.337 χ^2/NDF: 668.7/8

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 0.467+/-0.379 χ^2/NDF:225.5/4

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 0.563+/-0.355 χ^2/NDF:42.2/3

Left: 0.518+/-0.259 χ^2/NDF: 267.7/8

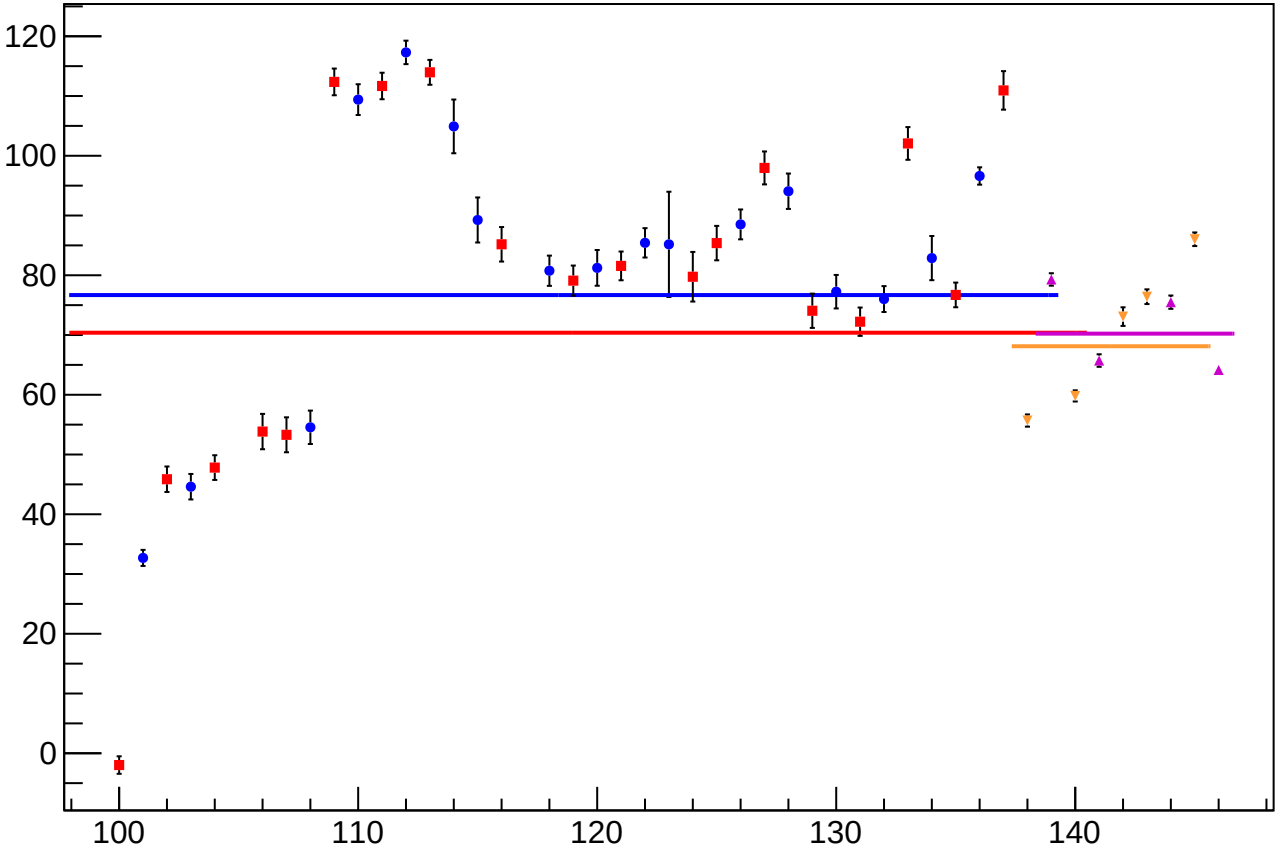
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 1.629+/-0.234 χ^2/NDF:351.5/20

Out: 2.312+/-0.244 χ^2/NDF:545.3/23

All: 1.957+/-0.169 χ^2/NDF: 900.8/44

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: 68.119+/-0.504 χ^2/NDF:529.2/4

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 70.231+/-0.498 χ^2/NDF:168.1/3

Left: 69.187+/-0.354 χ^2/NDF: 706.1/8

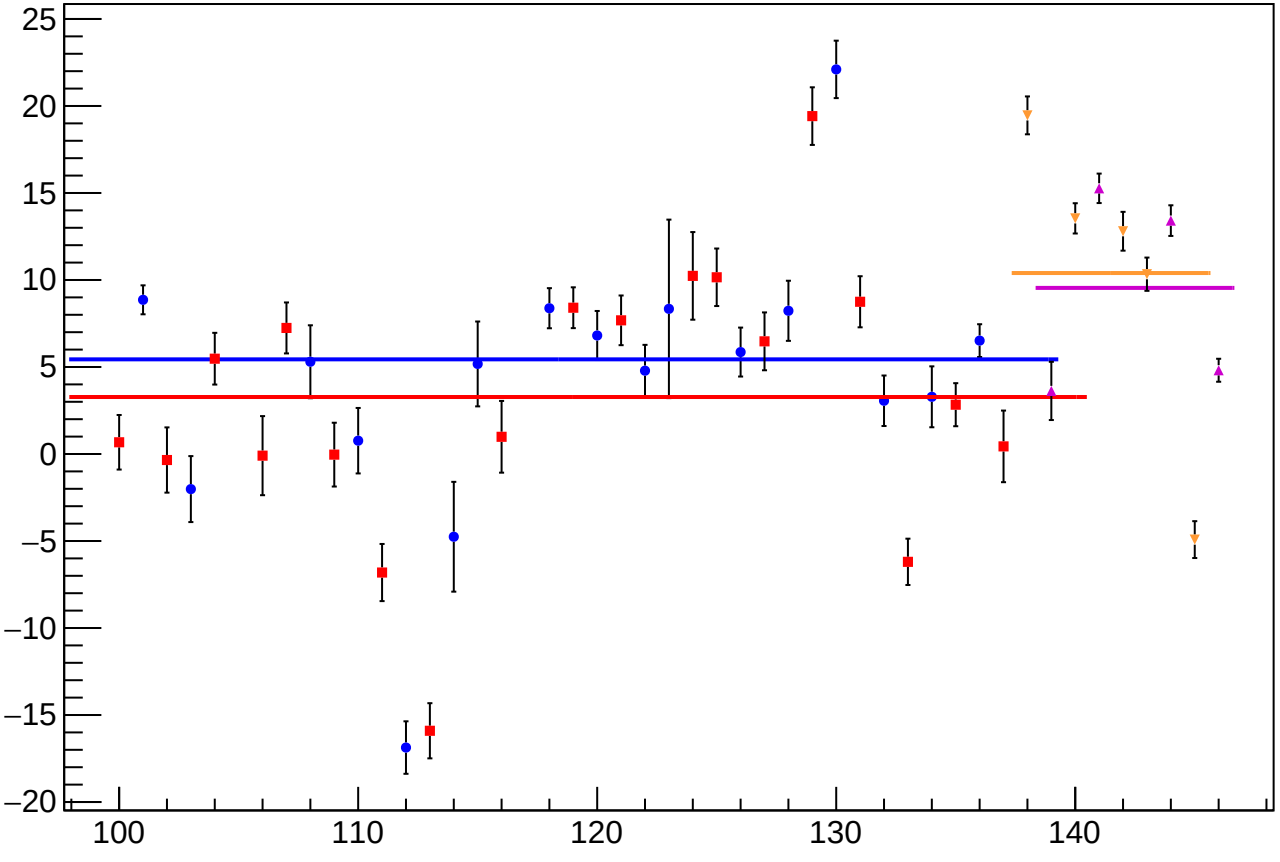
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 73.006+/-0.376 χ^2/NDF:2505.4/20

Out: 69.154+/-0.372 χ^2/NDF:4929.5/23

All: 71.057+/-0.264 χ^2/NDF: 7488.0/44

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: 10.400+/-0.449 χ^2/NDF:296.1/4

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 9.545+/-0.433 χ^2/NDF:128.9/3

Left: 9.957+/-0.312 χ^2/NDF: 426.9/8

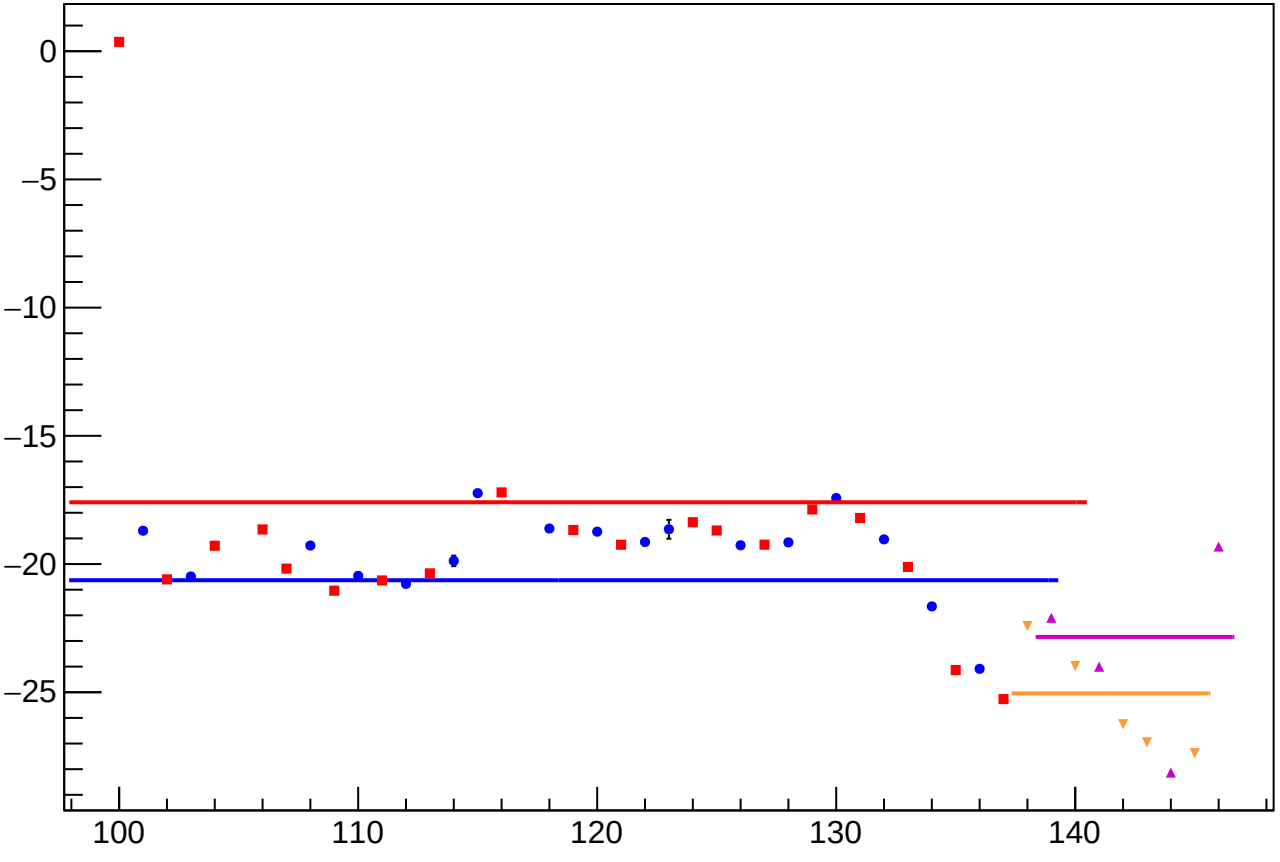
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 7.104+/-0.276 χ^2/NDF:568.3/20

Out: 6.112+/-0.283 χ^2/NDF:873.4/23

All: 6.622+/-0.198 χ^2/NDF: 1448.0/44

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: -25.044+/-0.021 χ^2/NDF:9429.4/4

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -22.842+/-0.021 χ^2/NDF:21060.3/3

Left: -23.942+/-0.015 χ^2/NDF: 36237.8/8

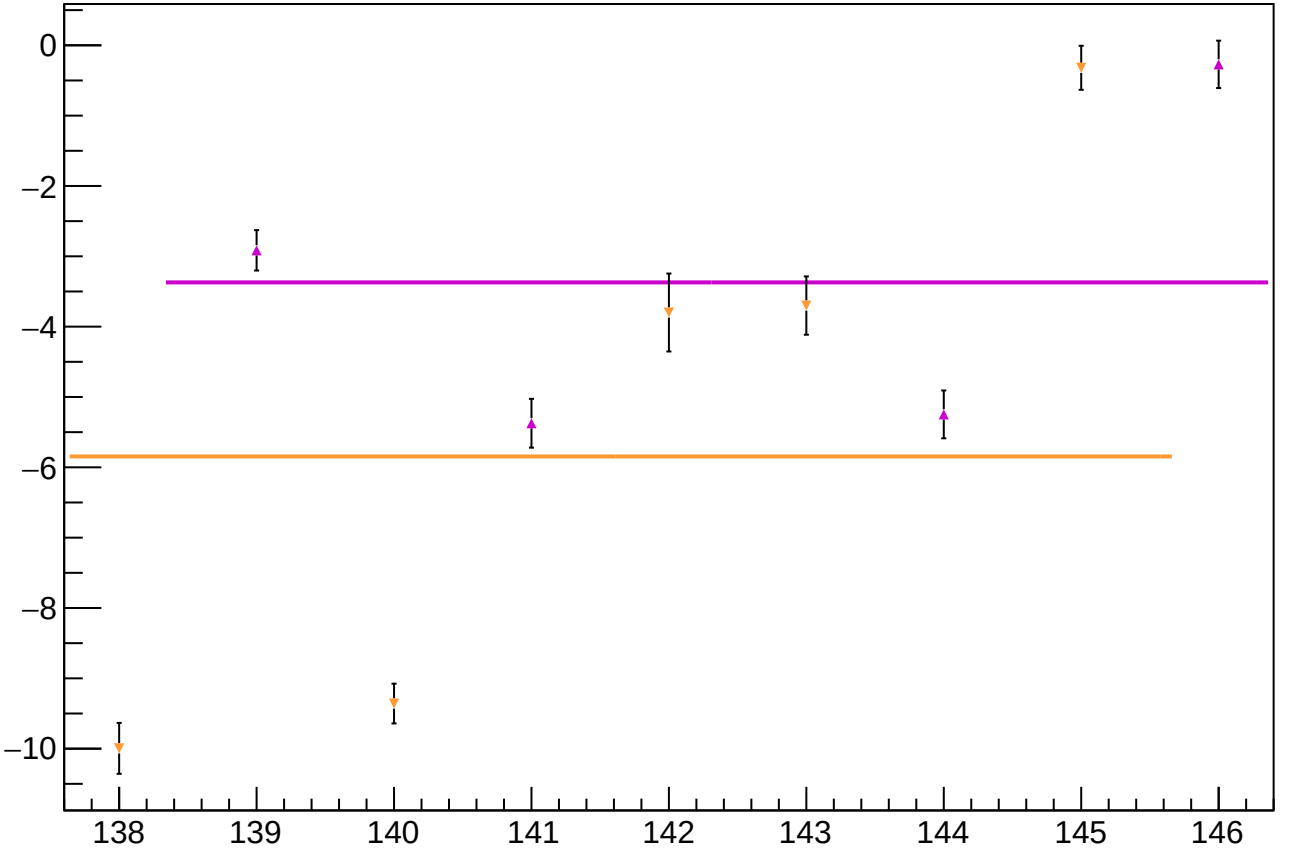
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -21.668+/-0.014 χ^2/NDF:39747.9/20

Out: -20.829+/-0.014 χ^2/NDF:262479.8/23

All: -21.233+/-0.010 χ^2/NDF: 304075.4/44

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: -5.846+/-0.159 χ^2/NDF:638.0/4

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

Left In: -3.371+/-0.162 χ^2/NDF:151.0/3

Left: -4.633+/-0.114 χ^2/NDF: 907.3/8

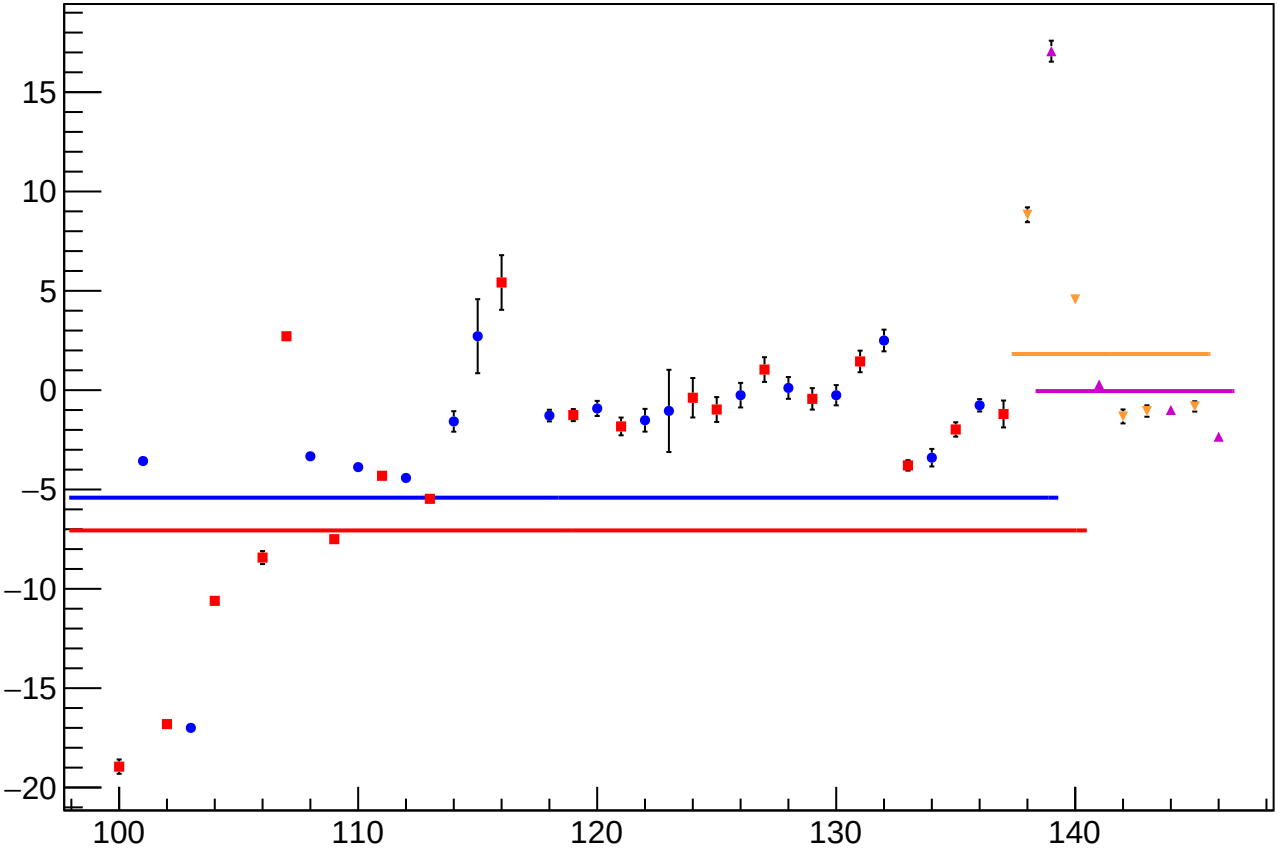
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.371+/-0.162 χ^2/NDF:151.0/3

Out: -5.846+/-0.159 χ^2/NDF:638.0/4

All: -4.633+/-0.114 χ^2/NDF: 907.3/8

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: 1.822+/-0.129 χ^2/NDF:770.8/4

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: -0.047+/-0.131 χ^2/NDF:1178.5/3

Left: 0.902+/-0.092 χ^2/NDF: 2053.0/8

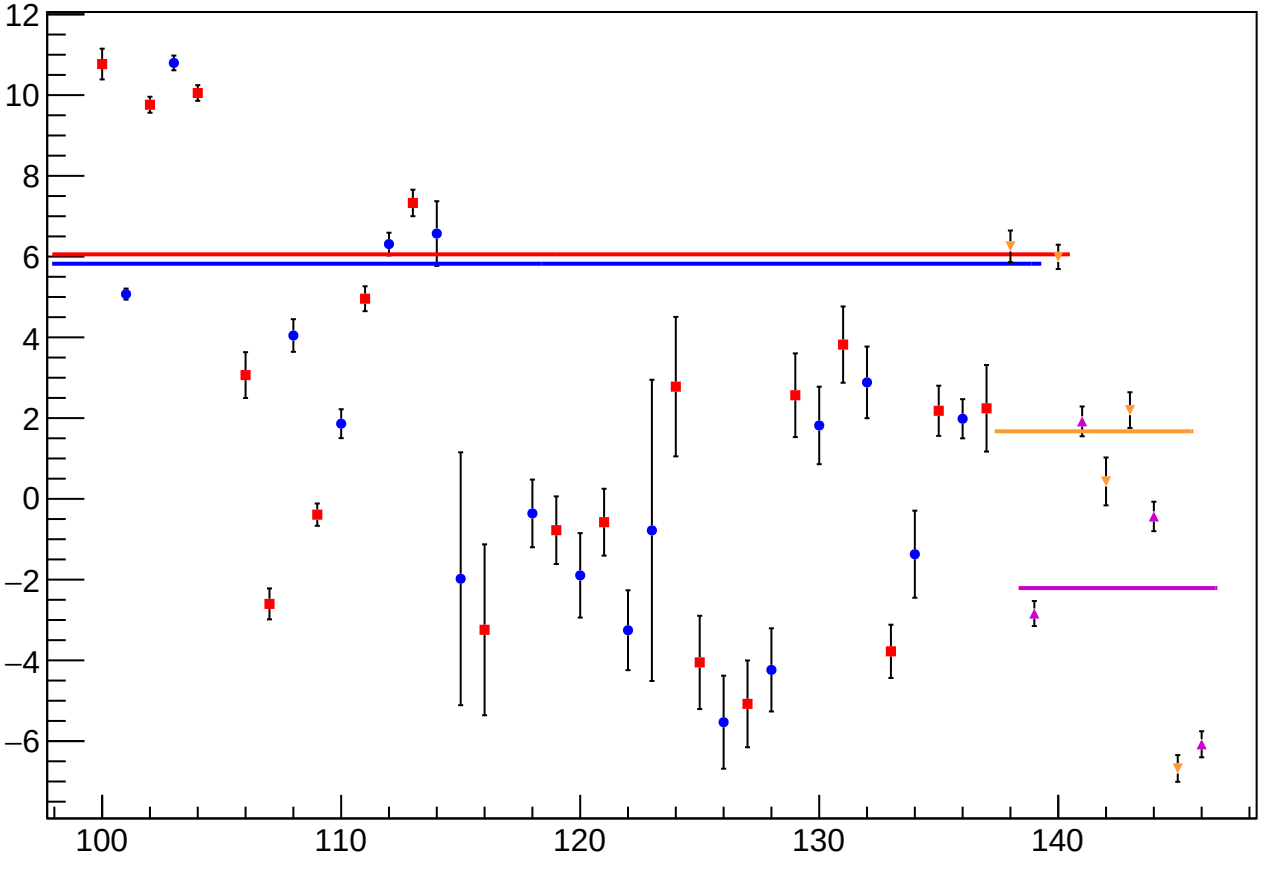
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -4.611+/-0.050 χ^2/NDF:11872.4/20

Out: -5.516+/-0.054 χ^2/NDF:17034.8/23

All: -5.036+/-0.037 χ^2/NDF: 29058.2/44

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 1.673+/-0.170 χ^2/NDF:985.6/4

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -2.210+/-0.169 χ^2/NDF:296.6/3

Left: -0.276+/-0.120 χ^2/NDF: 1544.1/8

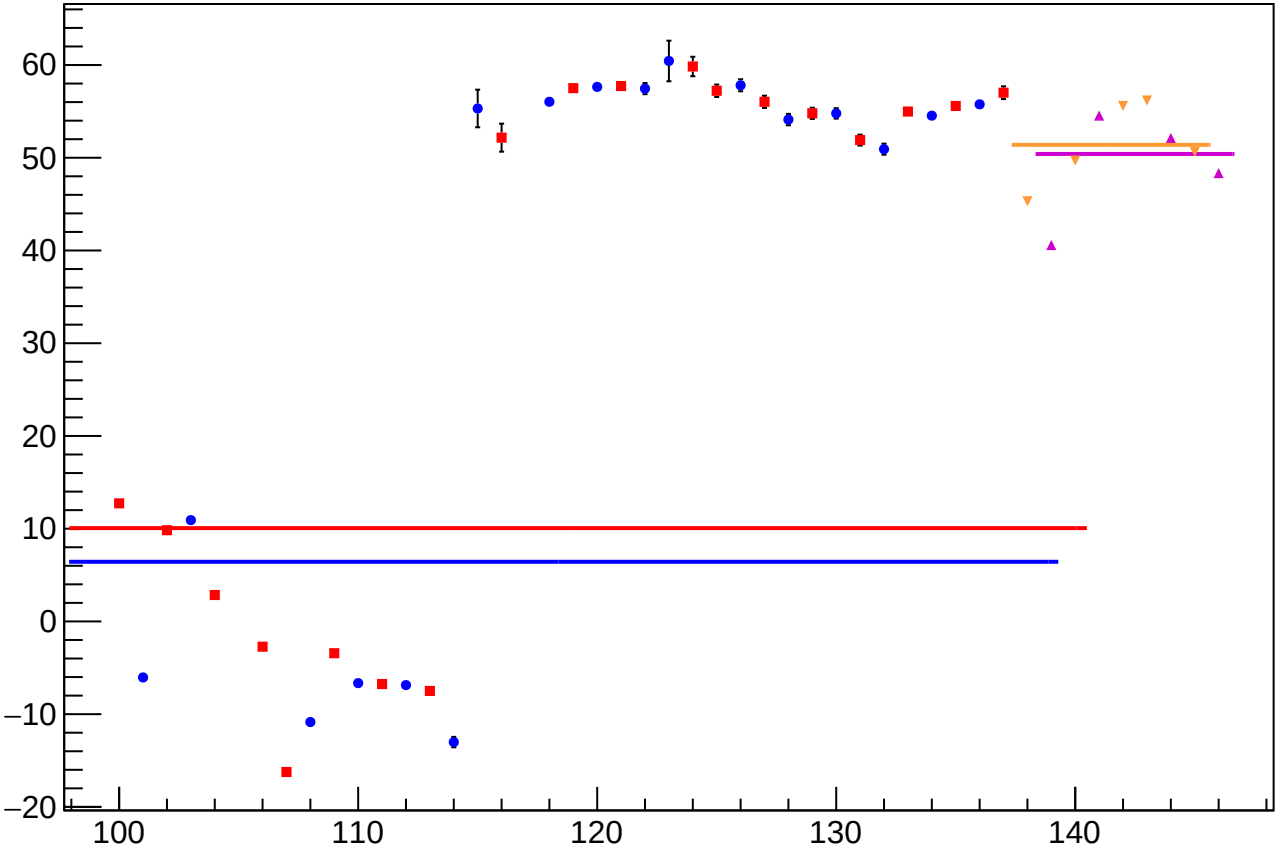
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 4.067+/-0.079 χ^2/NDF:3507.6/20

Out: 5.041+/-0.082 χ^2/NDF:4165.3/23

All: 4.538+/-0.057 χ^2/NDF: 7746.1/44

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: 51.394+/-0.152 χ^2/NDF:539.3/4

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 50.408+/-0.155 χ^2/NDF:659.3/3

Left: 50.912+/-0.109 χ^2/NDF: 1219.1/8

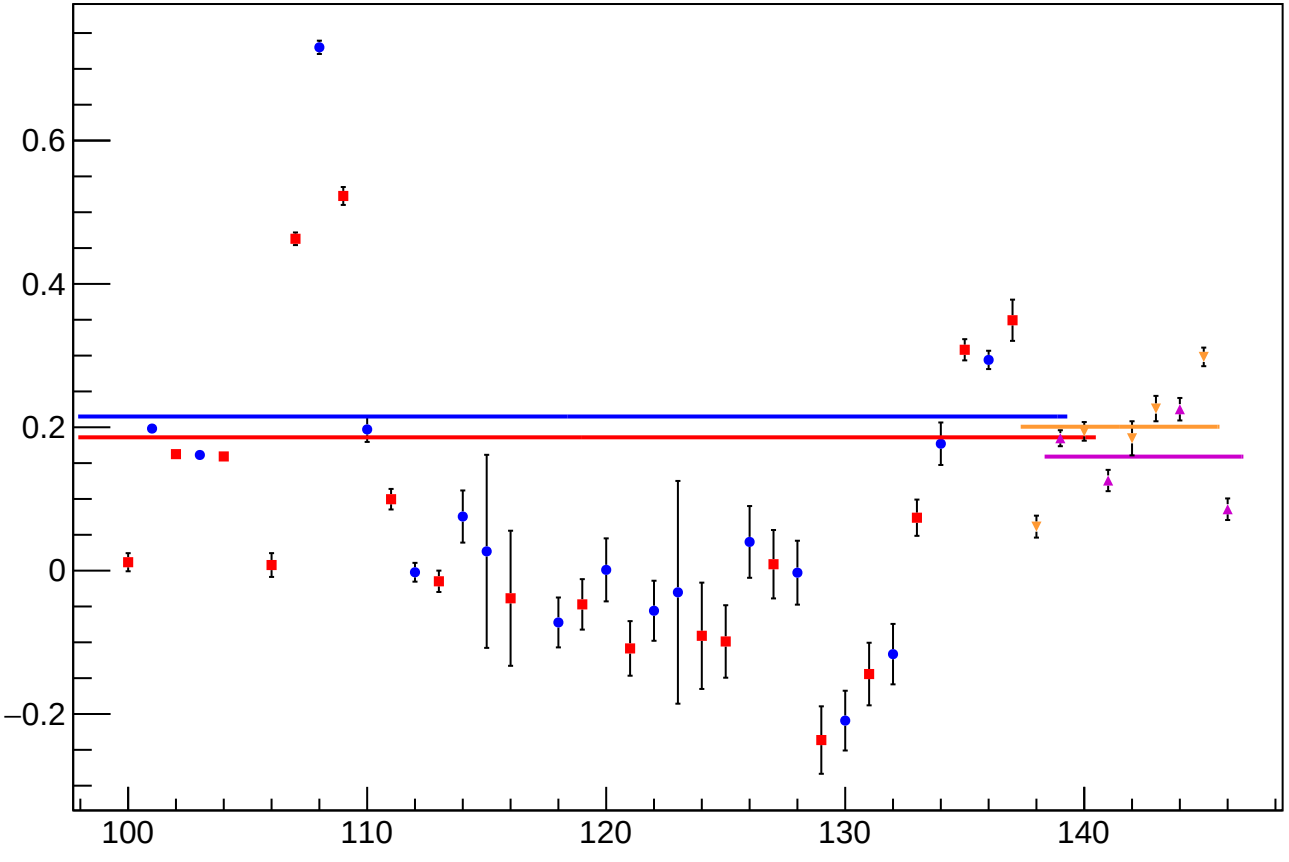
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 12.924+/-0.060 χ^2/NDF:192342.2/20

Out: 17.255+/-0.063 χ^2/NDF:183497.3/23

All: 14.961+/-0.043 χ^2/NDF: 378312.9/44

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: 0.201+/-0.007 χ^2/NDF:142.0/4

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.159+/-0.007 χ^2/NDF:51.9/3

Left: 0.180+/-0.005 χ^2/NDF: 212.2/8

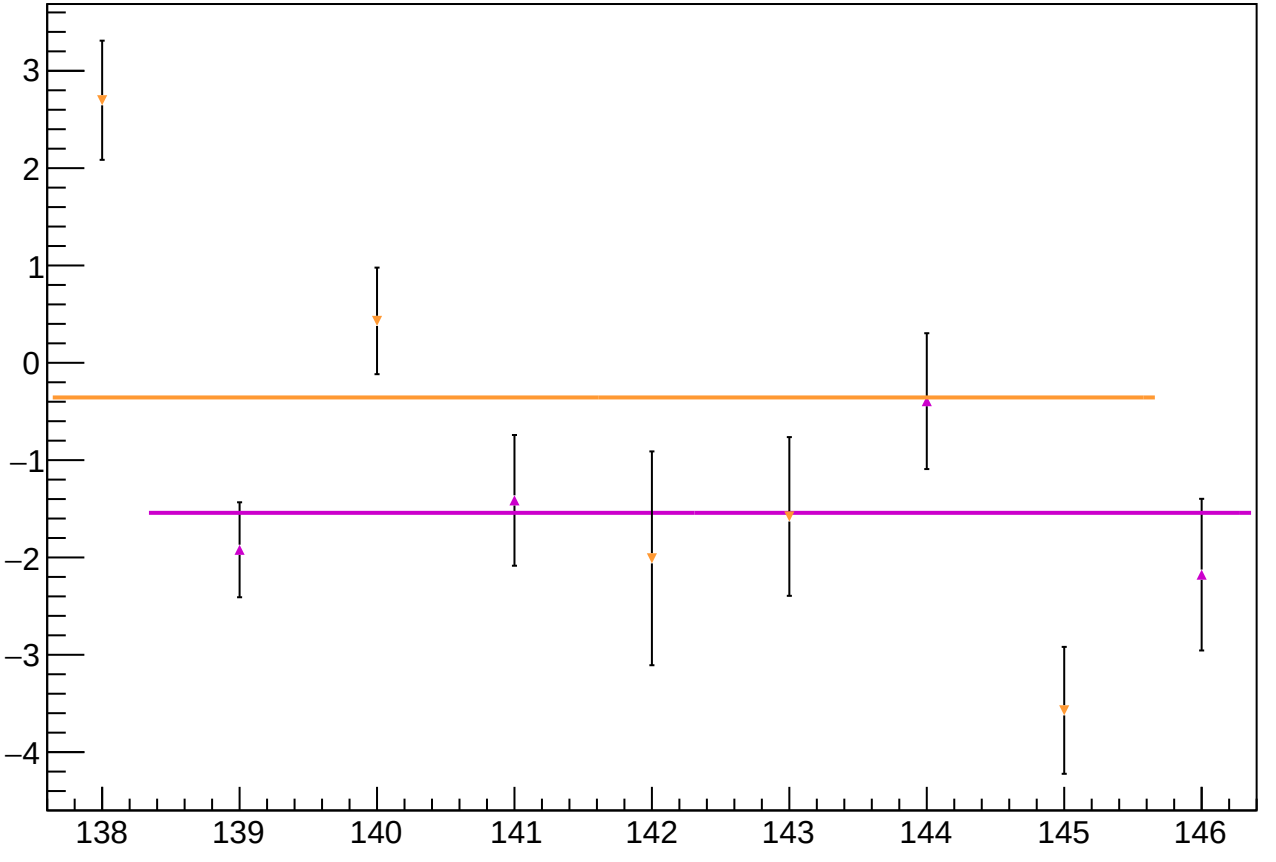
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.207+/-0.003 χ^2/NDF:4038.7/20

Out: 0.188+/-0.003 χ^2/NDF:2866.4/23

All: 0.197+/-0.002 χ^2/NDF: 6934.0/44

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.356+/-0.306 χ^2/NDF:55.8/4

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

Left In: -1.542+/-0.314 χ^2/NDF:4.0/3

Left: -0.933+/-0.219 χ^2/NDF: 67.1/8

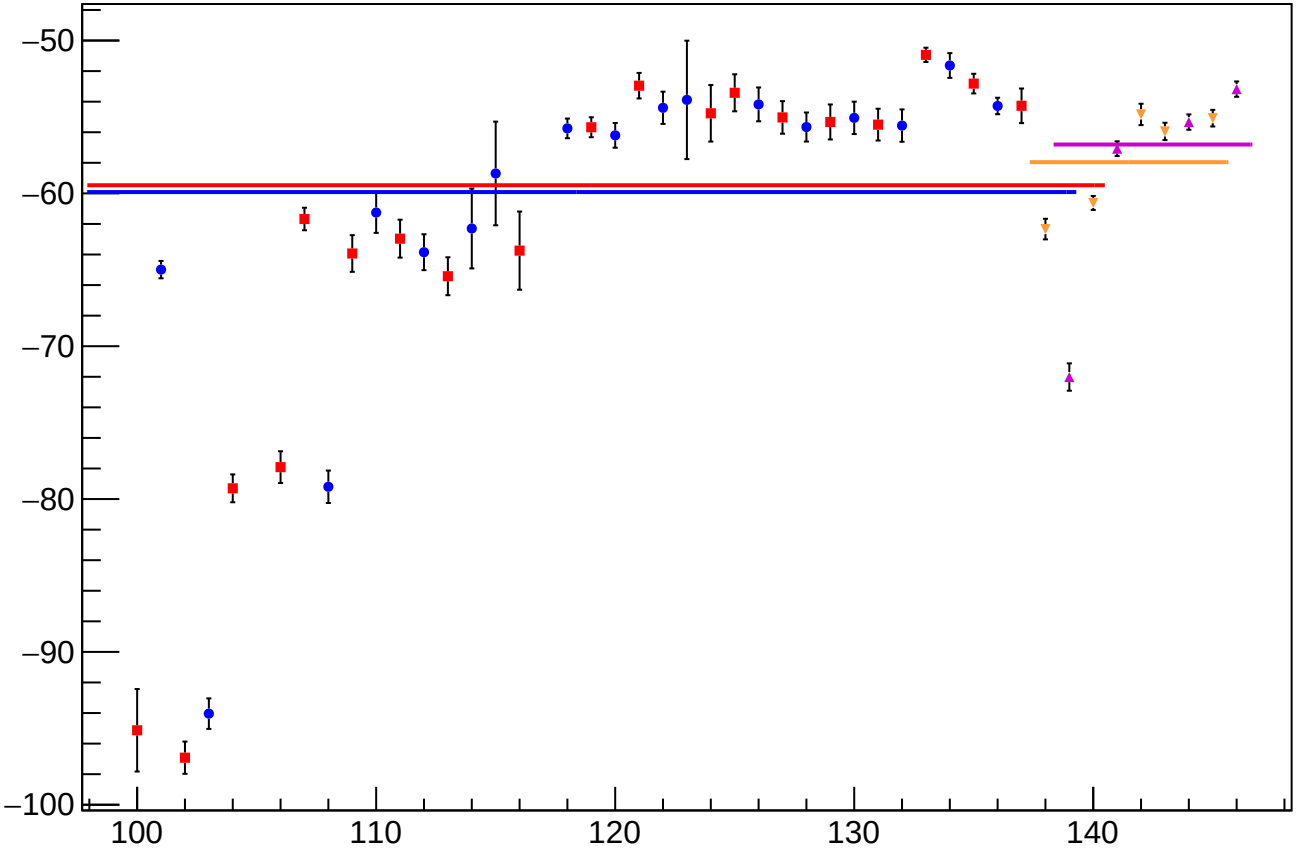
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.542+/-0.314 χ^2/NDF:4.0/3

Out: -0.356+/-0.306 χ^2/NDF:55.8/4

All: -0.933+/-0.219 χ^2/NDF: 67.1/8

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: -57.959+/-0.254 χ^2/NDF:137.0/4

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -56.804+/-0.273 χ^2/NDF:349.7/3

Left: -57.423+/-0.186 χ^2/NDF: 496.3/8

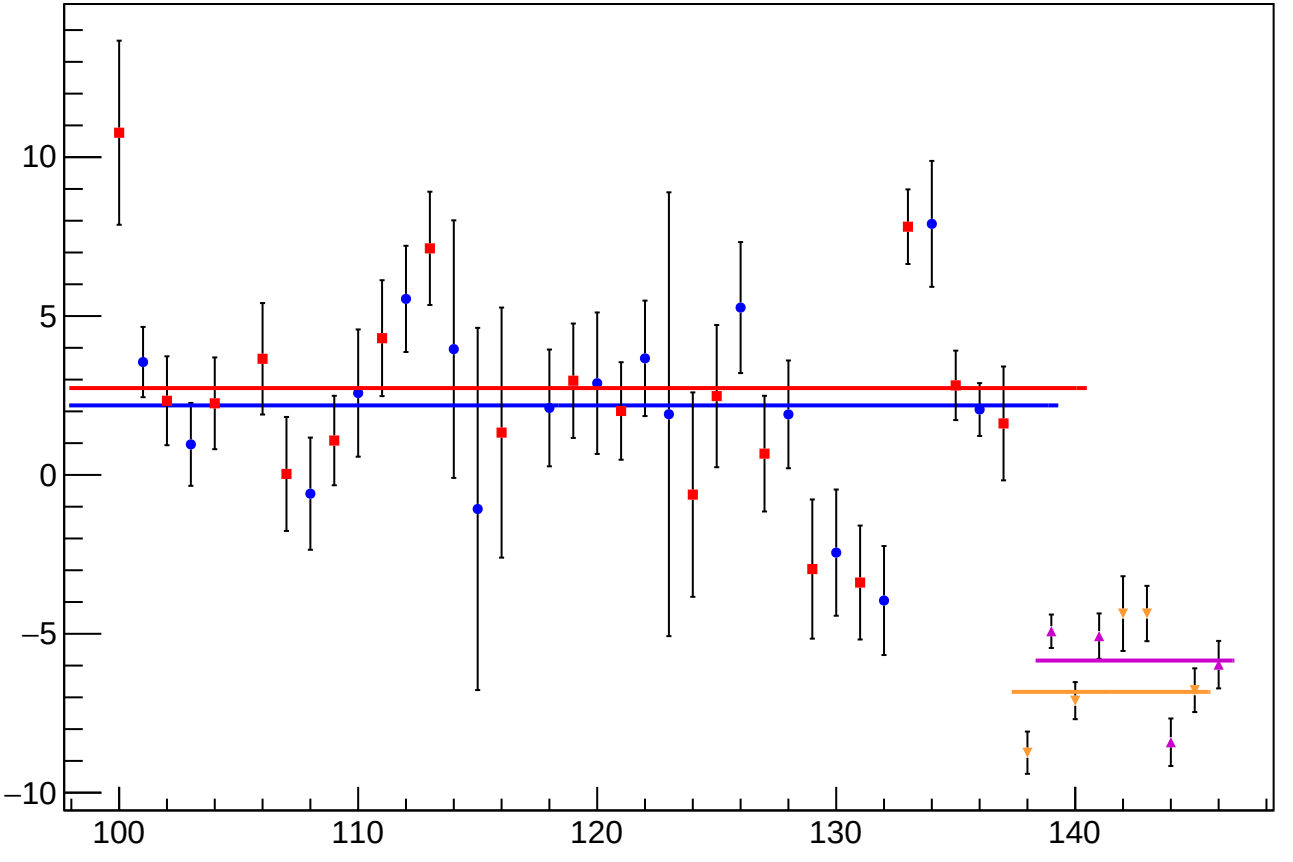
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -58.668+/-0.173 χ^2/NDF:2407.1/20

Out: -58.847+/-0.163 χ^2/NDF:3070.5/23

All: -58.763+/-0.118 χ^2/NDF: 5478.2/44

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: -6.828+/-0.327 χ^2/NDF:20.9/4

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -5.842+/-0.331 χ^2/NDF:16.1/3

Left: -6.341+/-0.232 χ^2/NDF: 41.5/8

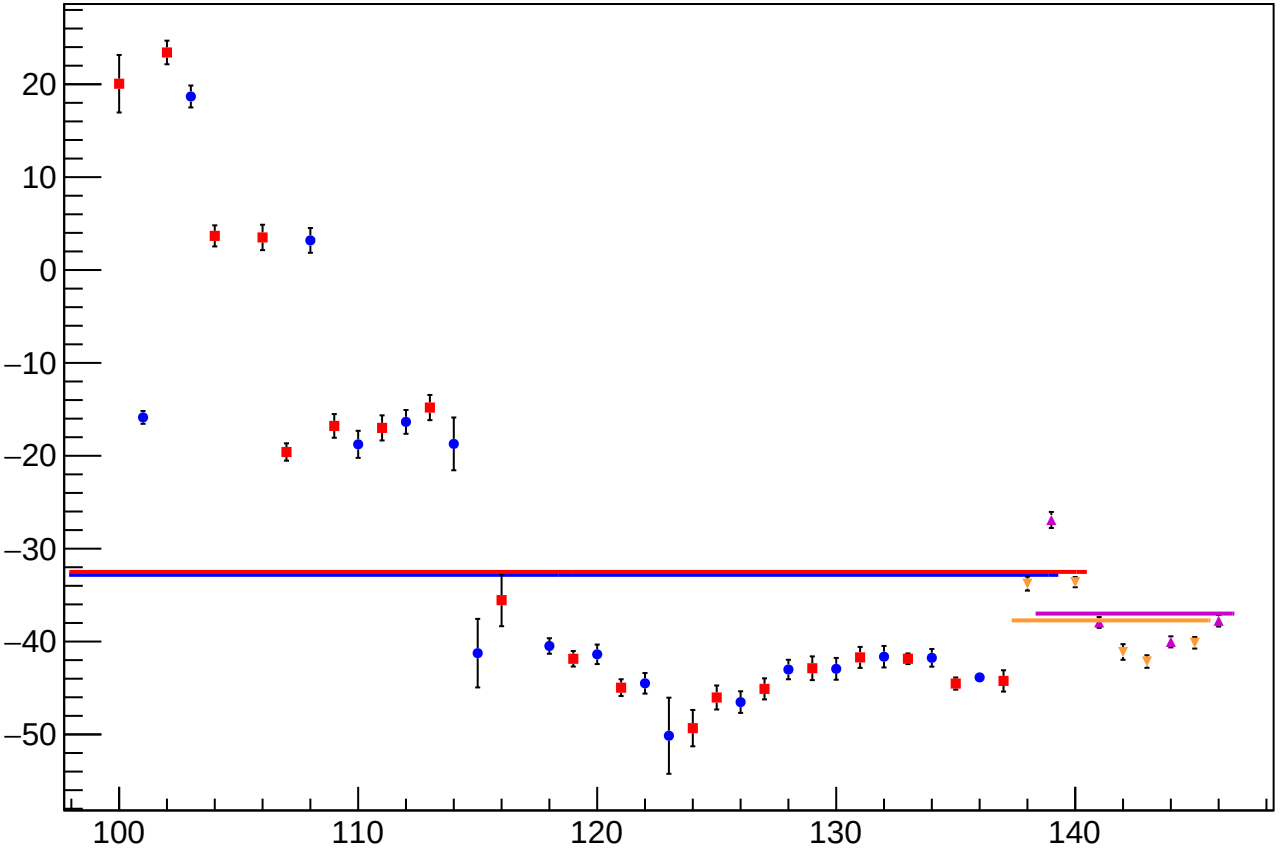
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -2.621+/-0.256 χ^2/NDF:291.6/20

Out: -2.854+/-0.250 χ^2/NDF:435.4/23

All: -2.740+/-0.179 χ^2/NDF: 727.4/44

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.722+/-0.298 χ^2/NDF:157.8/4

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -36.989+/-0.320 χ^2/NDF:167.0/3

Left: -37.381+/-0.218 χ^2/NDF: 327.6/8

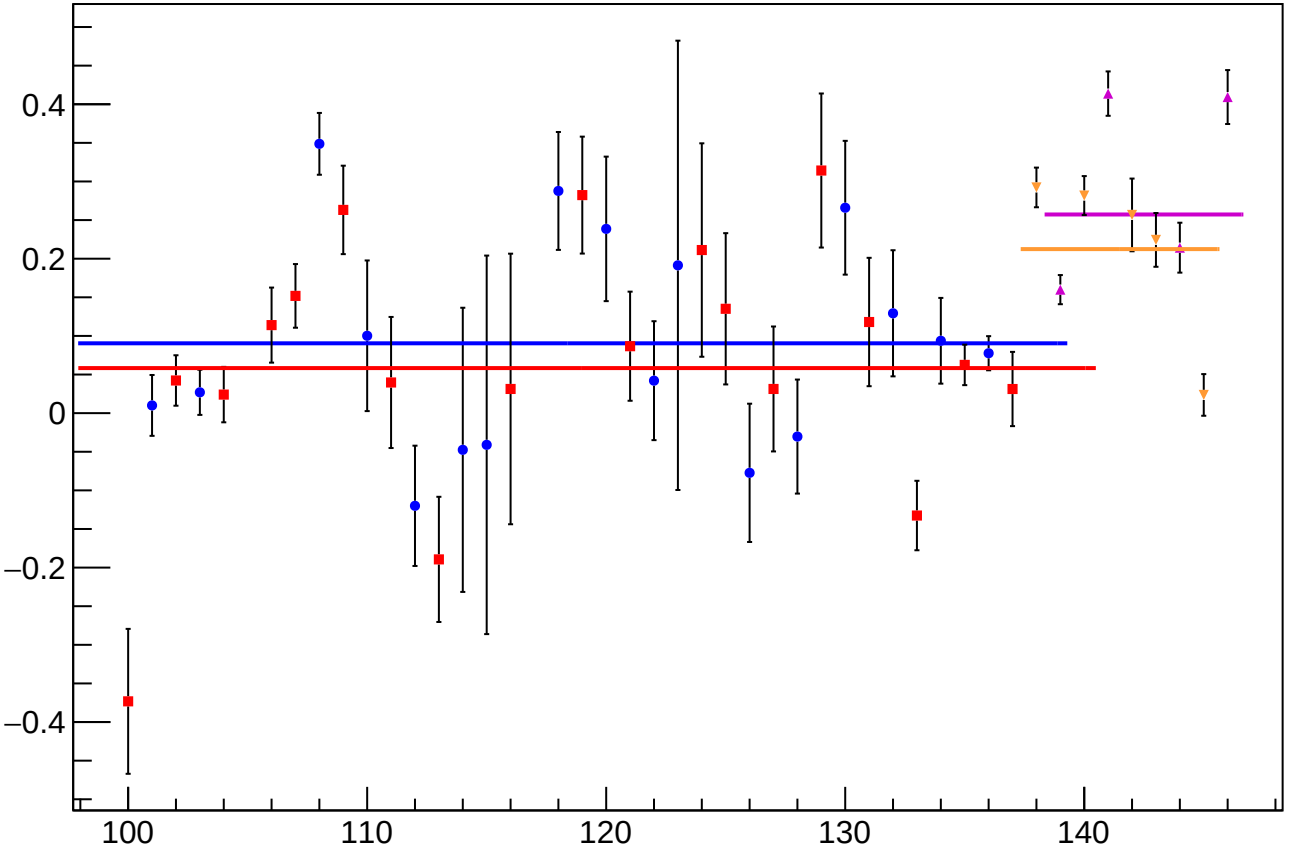
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -34.431+/-0.199 χ^2/NDF:4938.0/20

Out: -34.595+/-0.189 χ^2/NDF:6379.4/23

All: -34.517+/-0.137 χ^2/NDF: 11317.7/44

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: 0.212+/-0.013 χ^2/NDF:67.2/4

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.257+/-0.013 χ^2/NDF:77.0/3

Left: 0.235+/-0.009 χ^2/NDF: 150.0/8

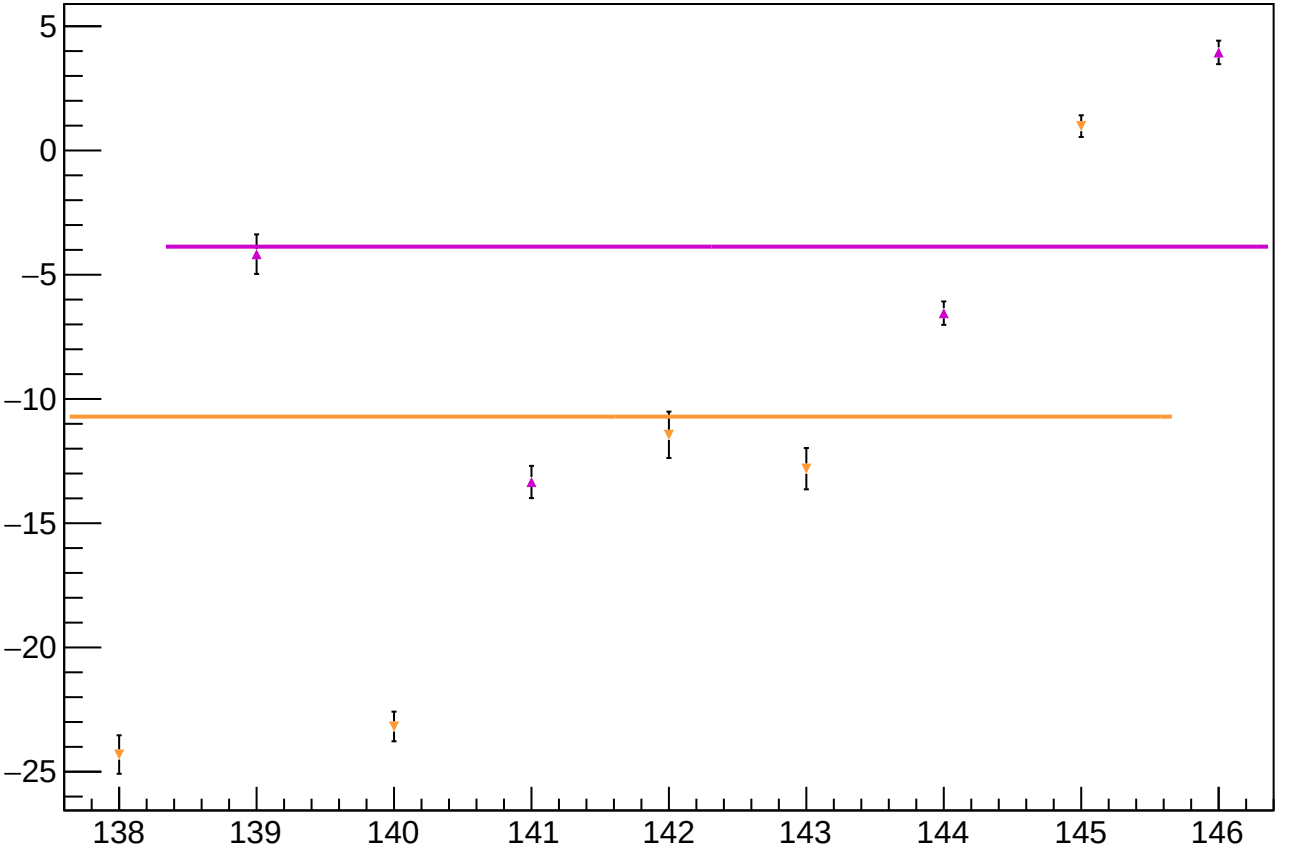
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.171+/-0.009 χ^2/NDF:239.5/20

Out: 0.129+/-0.009 χ^2/NDF:228.3/23

All: 0.150+/-0.006 χ^2/NDF: 478.7/44

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: -10.711+/-0.285 χ^2/NDF:1470.9/4

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

Left In: -3.870+/-0.278 χ^2/NDF:518.8/3

Left: -7.209+/-0.199 χ^2/NDF: 2285.1/8

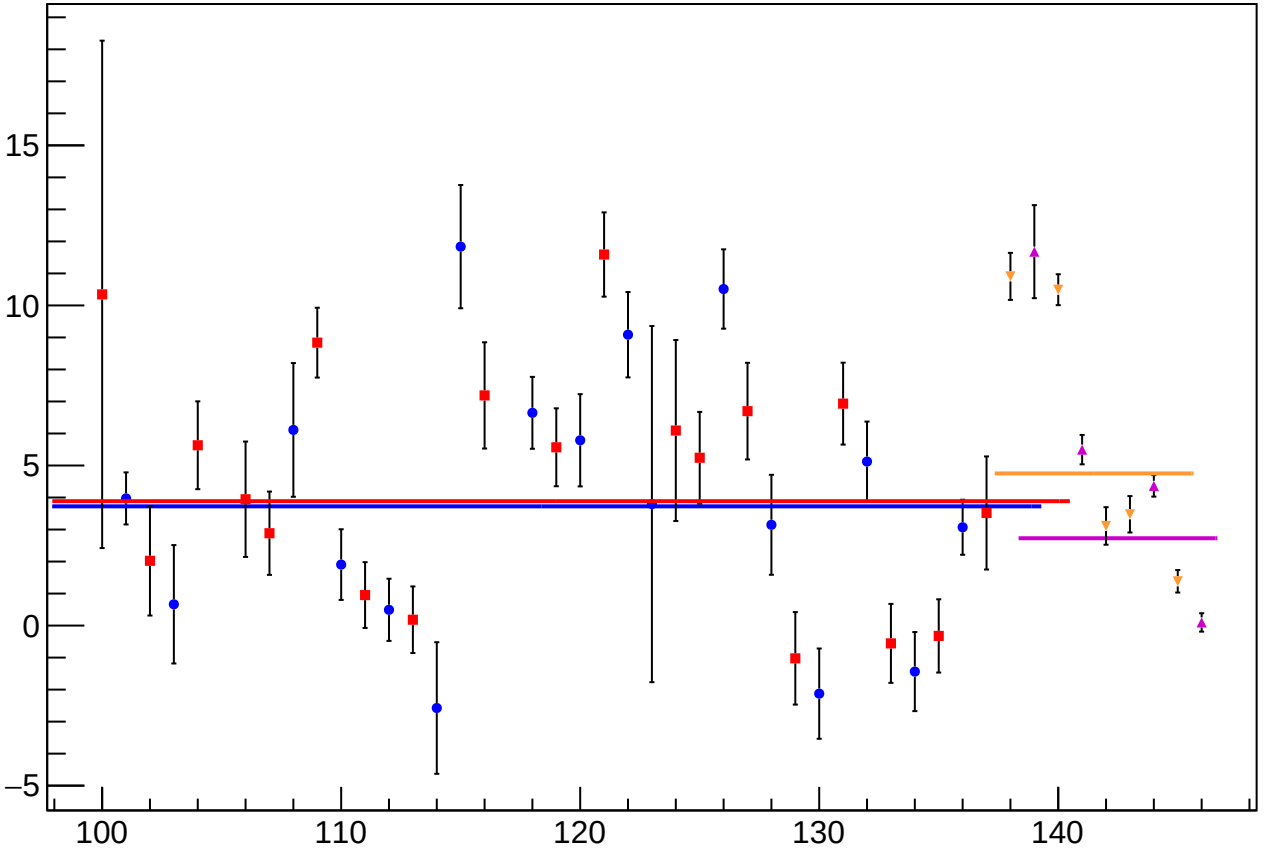
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.870+/-0.278 χ^2/NDF:518.8/3

Out: -10.711+/-0.285 χ^2/NDF:1470.9/4

All: -7.209+/-0.199 χ^2/NDF: 2285.1/8

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: 4.752+/-0.222 χ^2/NDF:316.8/4

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 2.728+/-0.195 χ^2/NDF:182.1/3

Left: 3.609+/-0.147 χ^2/NDF: 545.7/8

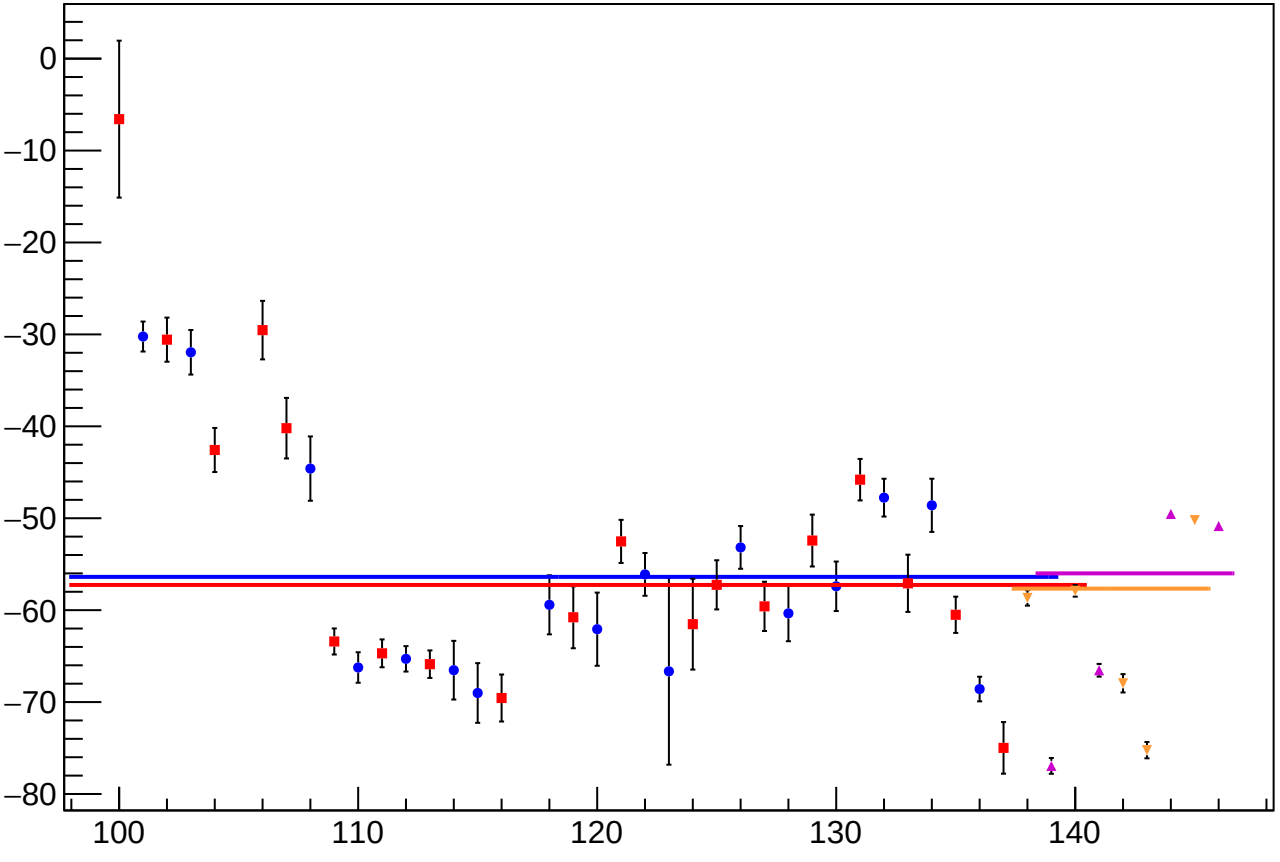
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 3.013+/-0.165 χ^2/NDF:326.3/20

Out: 4.465+/-0.182 χ^2/NDF:456.2/23

All: 3.669+/-0.122 χ^2/NDF: 817.5/44

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: -57.661+/-0.304 χ^2/NDF:758.0/4

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -55.998+/-0.286 χ^2/NDF:1118.4/3

Left: -56.779+/-0.208 χ^2/NDF: 1892.3/8

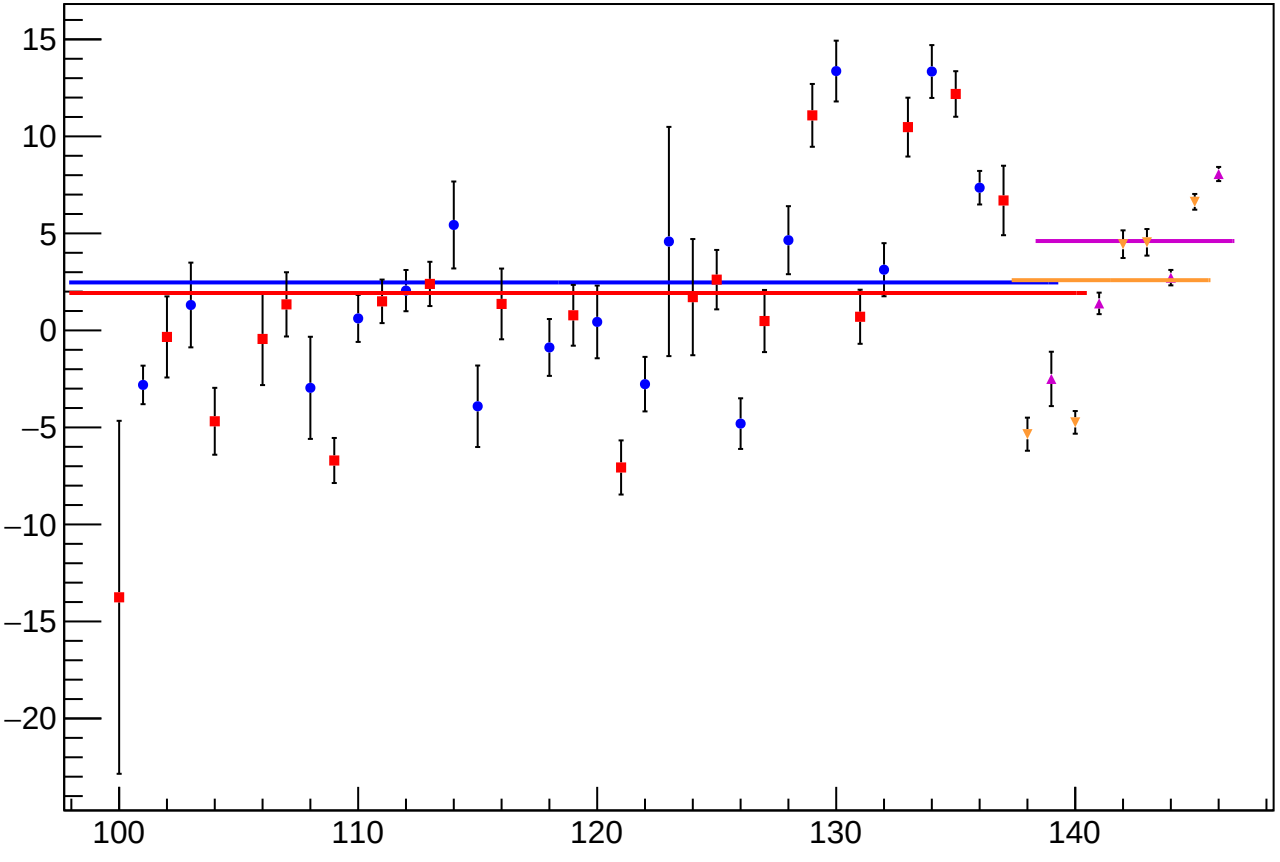
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -56.081+/-0.253 χ^2/NDF:1706.2/20

Out: -57.562+/-0.264 χ^2/NDF:1234.5/23

All: -56.789+/-0.183 χ^2/NDF: 2957.1/44

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: 2.589+/-0.263 χ^2/NDF:358.1/4

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 4.607+/-0.238 χ^2/NDF:171.7/3

Left: 3.696+/-0.177 χ^2/NDF: 562.2/8

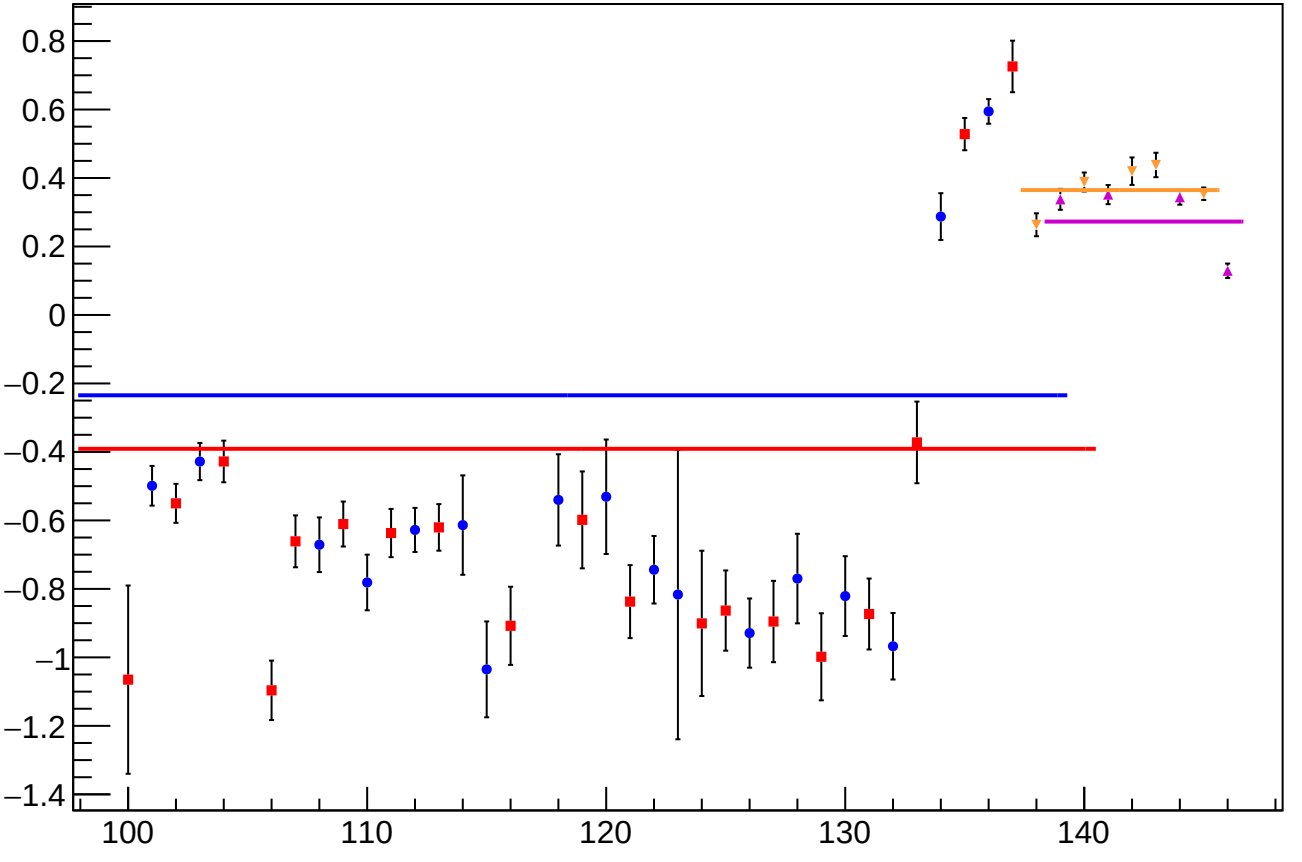
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 3.919+/-0.196 χ^2/NDF:441.1/20

Out: 2.355+/-0.211 χ^2/NDF:627.0/23

All: 3.194+/-0.144 χ^2/NDF: 1097.5/44

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: 0.365+/-0.012 χ^2/NDF:16.3/4

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.273+/-0.012 χ^2/NDF:69.2/3

Left: 0.318+/-0.009 χ^2/NDF: 113.8/8

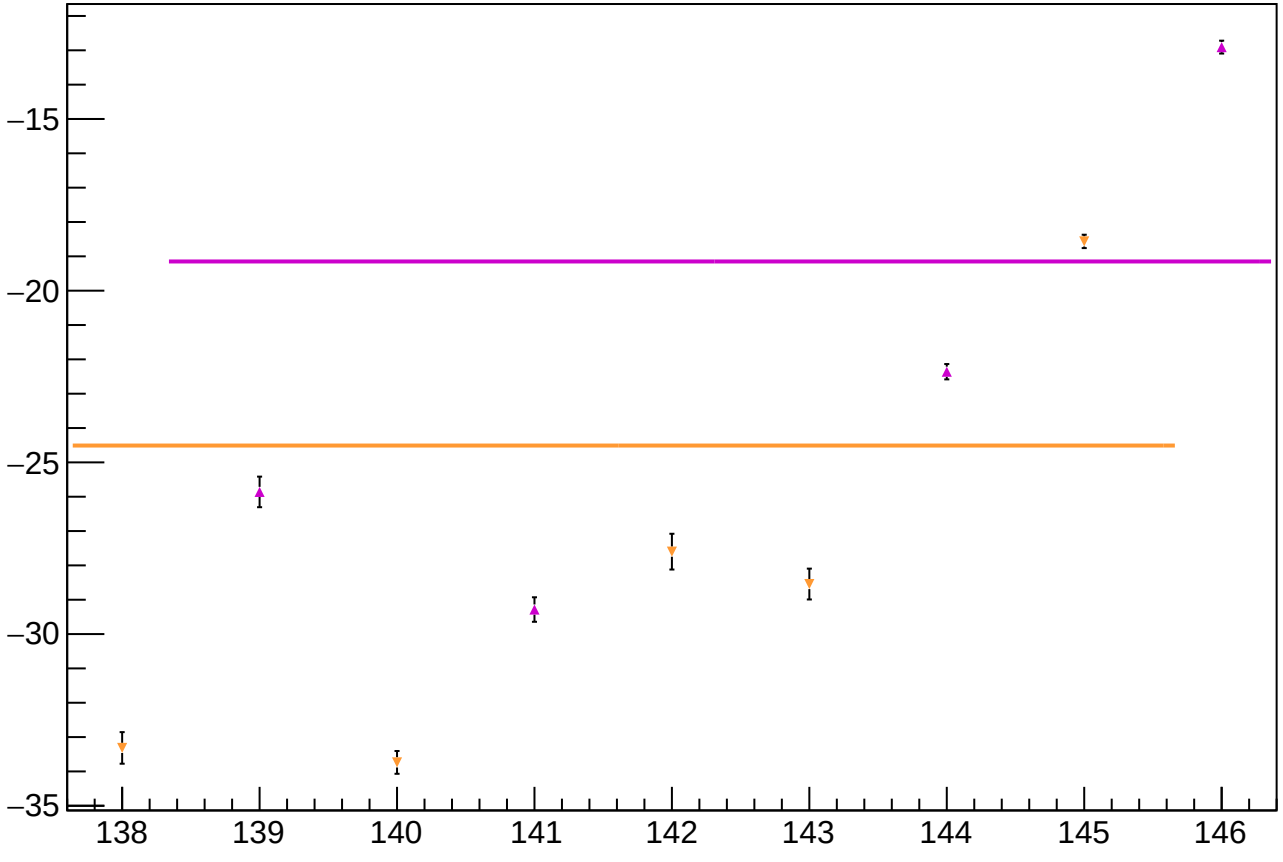
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.123+/-0.010 χ^2/NDF:1536.8/20

Out: 0.141+/-0.010 χ^2/NDF:1988.3/23

All: 0.132+/-0.007 χ^2/NDF: 3526.7/44

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: -24.510+/-0.143 χ^2/NDF:2186.2/4

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

Left In: -19.149+/-0.128 χ^2/NDF:2349.7/3

Left: -21.523+/-0.095 χ^2/NDF: 5317.3/8

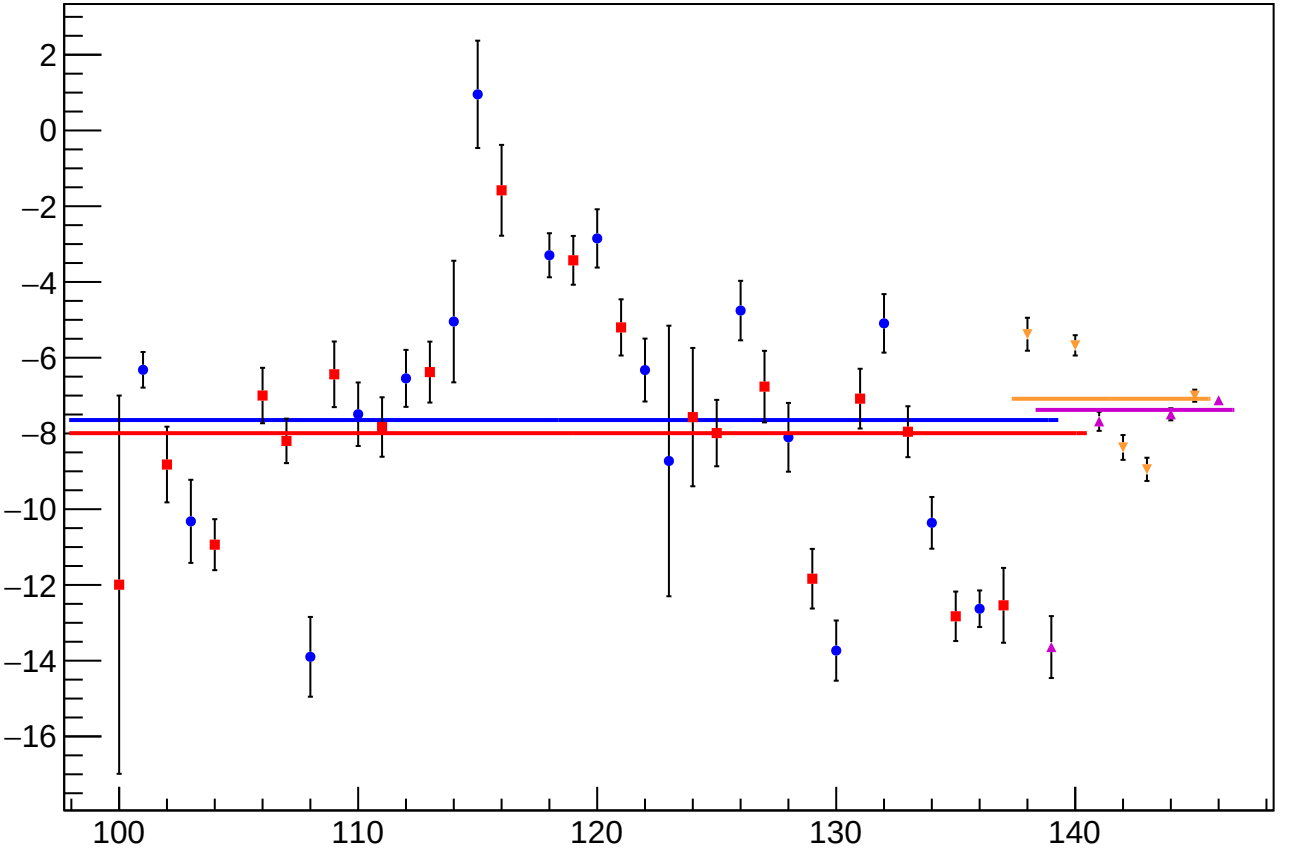
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.149+/-0.128 χ^2/NDF:2349.7/3

Out: -24.510+/-0.143 χ^2/NDF:2186.2/4

All: -21.523+/-0.095 χ^2/NDF: 5317.3/8

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: -7.084+/-0.113 χ^2/NDF:95.6/4

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -7.378+/-0.088 χ^2/NDF:65.4/3

Left: -7.267+/-0.069 χ^2/NDF: 165.2/8

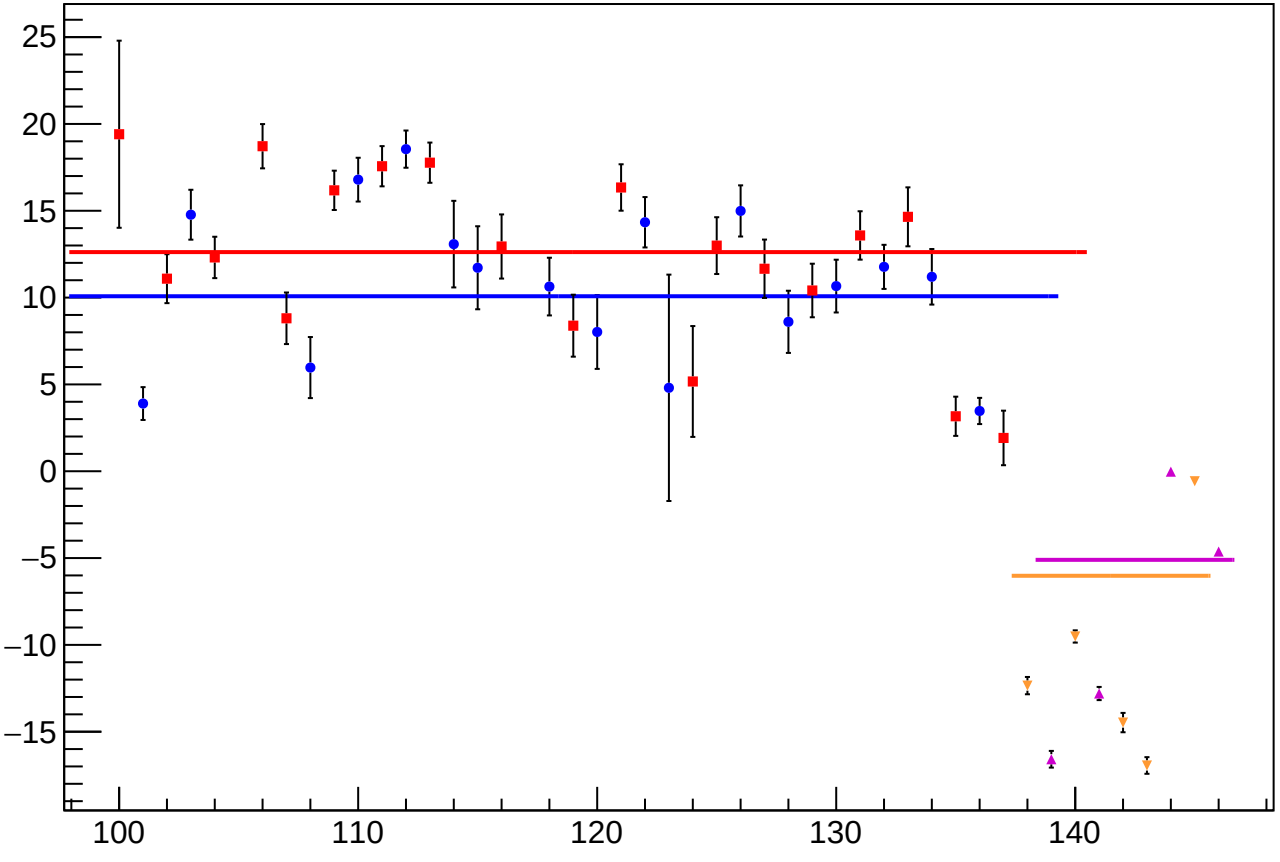
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -7.427+/-0.079 χ^2/NDF:460.7/20

Out: -7.329+/-0.096 χ^2/NDF:338.5/23

All: -7.388+/-0.061 χ^2/NDF: 799.8/44

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -6.020+/-0.152 χ^2/NDF:1707.1/4

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -5.102+/-0.130 χ^2/NDF:1438.3/3

Left: -5.488+/-0.099 χ^2/NDF: 3166.4/8

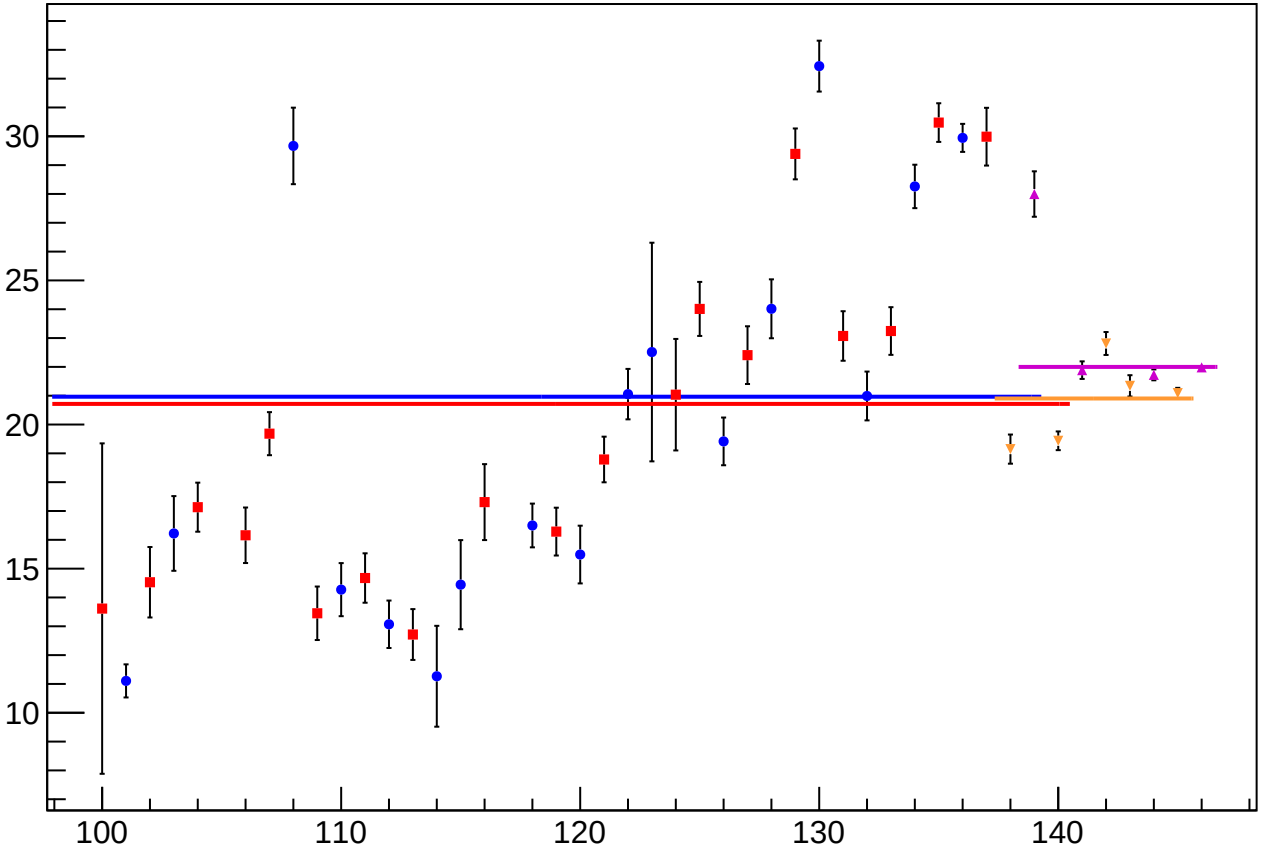
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -3.143+/-0.121 χ^2/NDF:3460.4/20

Out: -2.790+/-0.138 χ^2/NDF:4526.2/23

All: -2.990+/-0.091 χ^2/NDF: 7990.3/44

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.903+/-0.133 χ^2/NDF:57.9/4

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 21.999+/-0.107 χ^2/NDF:60.2/3

Left: 21.566+/-0.084 χ^2/NDF: 159.2/8

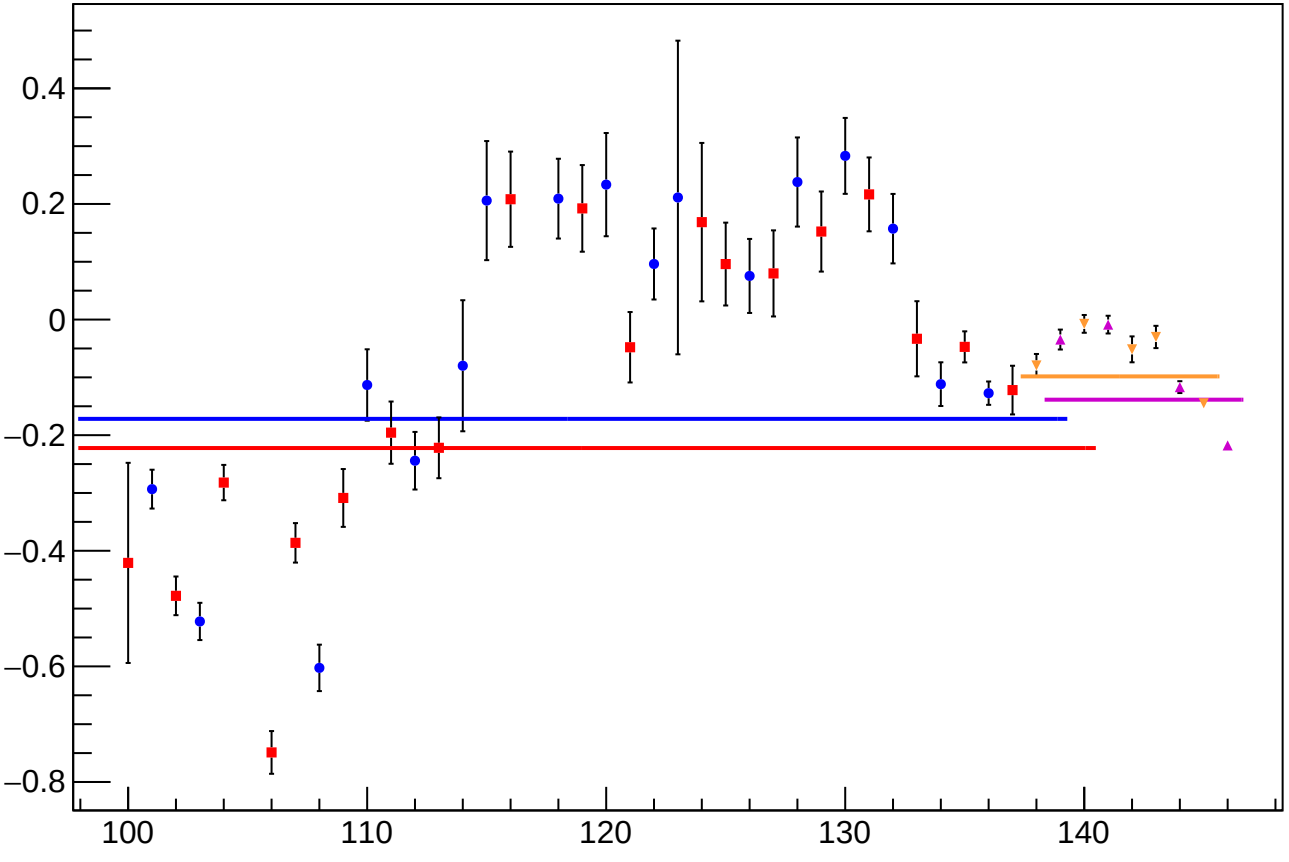
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 21.784+/-0.096 χ^2/NDF:1304.9/20

Out: 20.851+/-0.113 χ^2/NDF:788.4/23

All: 21.393+/-0.073 χ^2/NDF: 2133.2/44

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: -0.098+/-0.006 χ^2/NDF:85.6/4

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.139+/-0.006 χ^2/NDF:200.4/3

Left: -0.120+/-0.004 χ^2/NDF: 309.3/8

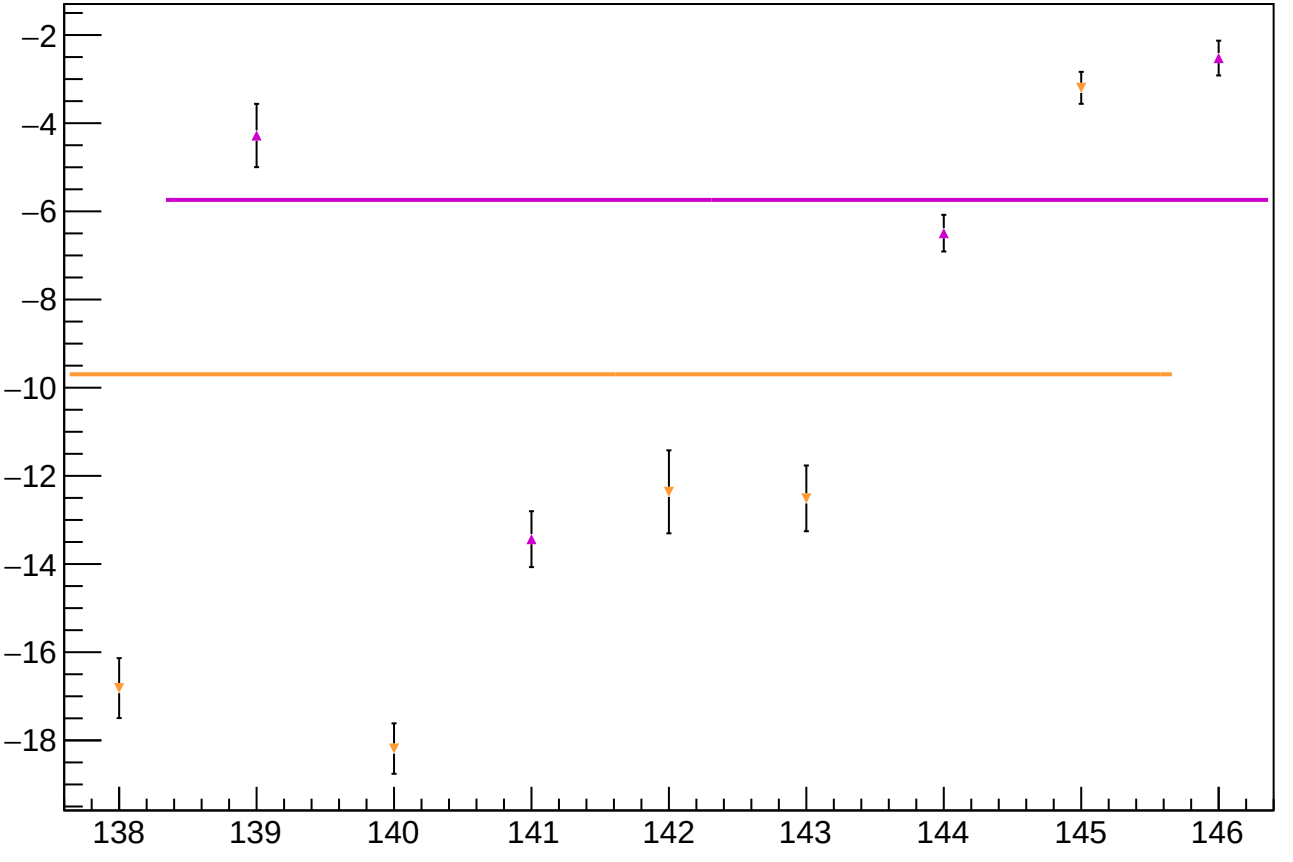
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.145+/-0.005 χ^2/NDF:671.6/20

Out: -0.128+/-0.005 χ^2/NDF:719.4/23

All: -0.137+/-0.004 χ^2/NDF: 1396.6/44

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.696+/-0.252 χ^2/NDF:673.1/4

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

Left In: -5.740+/-0.245 χ^2/NDF:221.3/3

Left: -7.664+/-0.176 χ^2/NDF: 1021.0/8

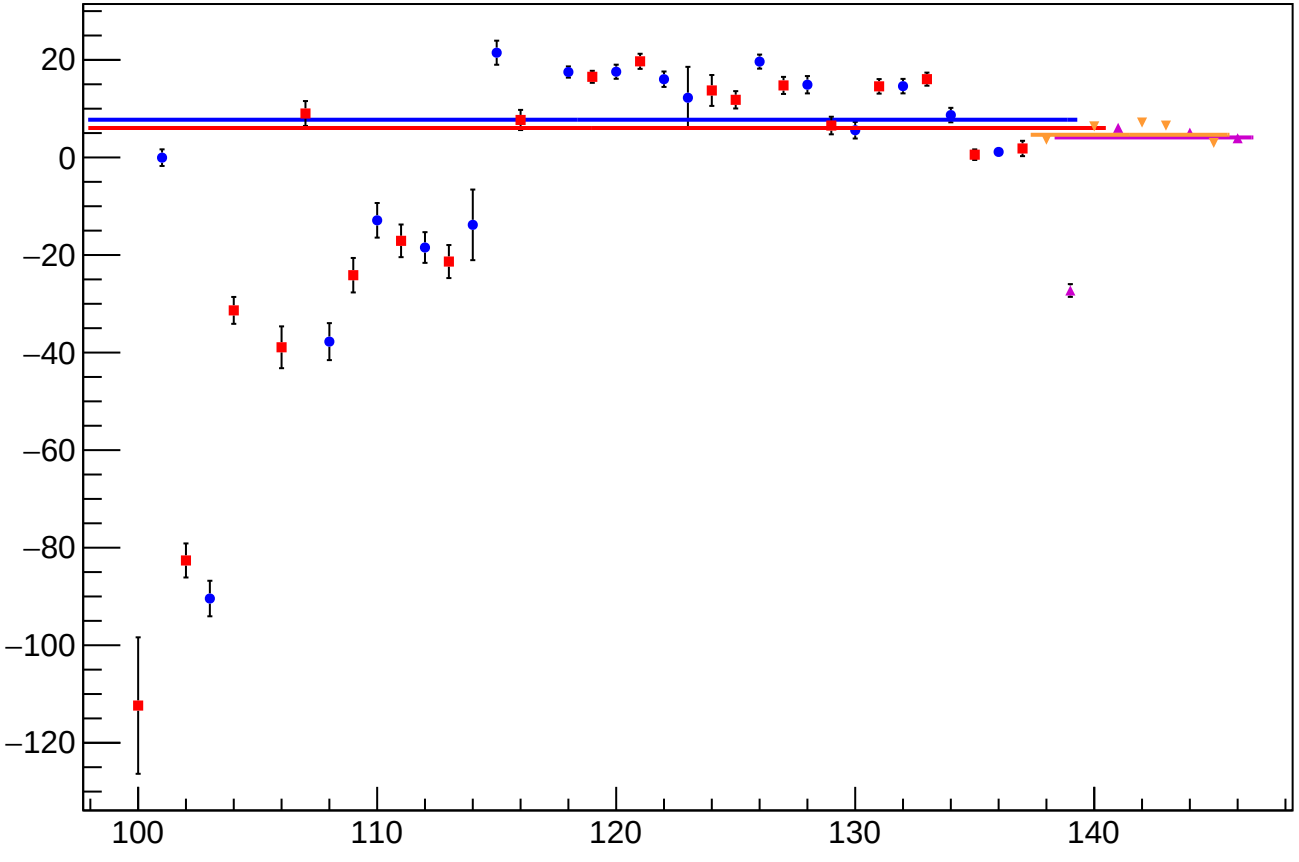
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.740+/-0.245 χ^2/NDF:221.3/3

Out: -9.696+/-0.252 χ^2/NDF:673.1/4

All: -7.664+/-0.176 χ^2/NDF: 1021.0/8

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: 4.650+/-0.197 χ^2/NDF:80.9/4

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 4.102+/-0.175 χ^2/NDF:606.7/3

Left: 4.344+/-0.131 χ^2/NDF: 691.9/8

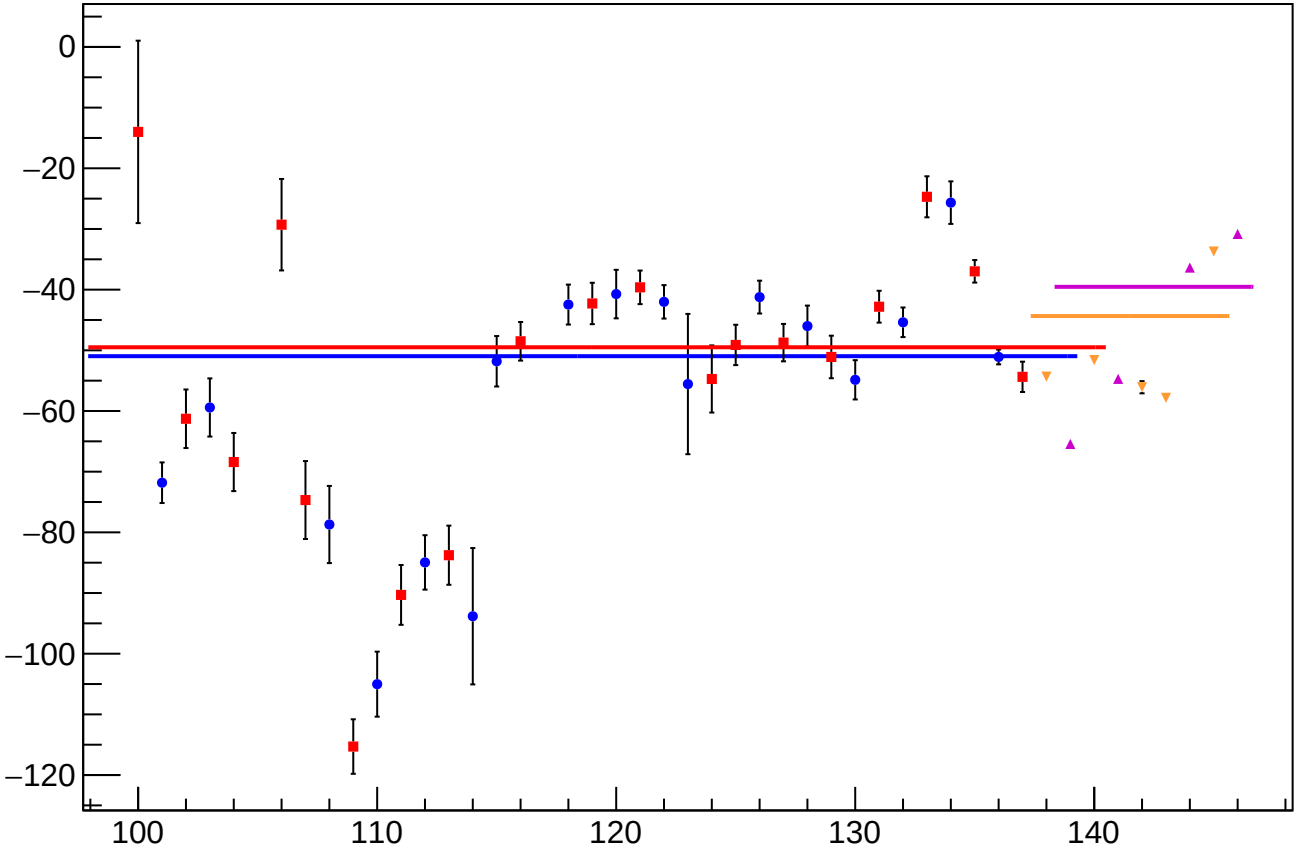
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 4.679+/-0.160 χ^2/NDF:2033.6/20

Out: 4.888+/-0.180 χ^2/NDF:1601.5/23

All: 4.772+/-0.120 χ^2/NDF: 3635.9/44

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: -44.351+/-0.270 χ^2/NDF:1500.9/4

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -39.534+/-0.251 χ^2/NDF:2195.6/3

Left: -41.775+/-0.184 χ^2/NDF: 3867.2/8

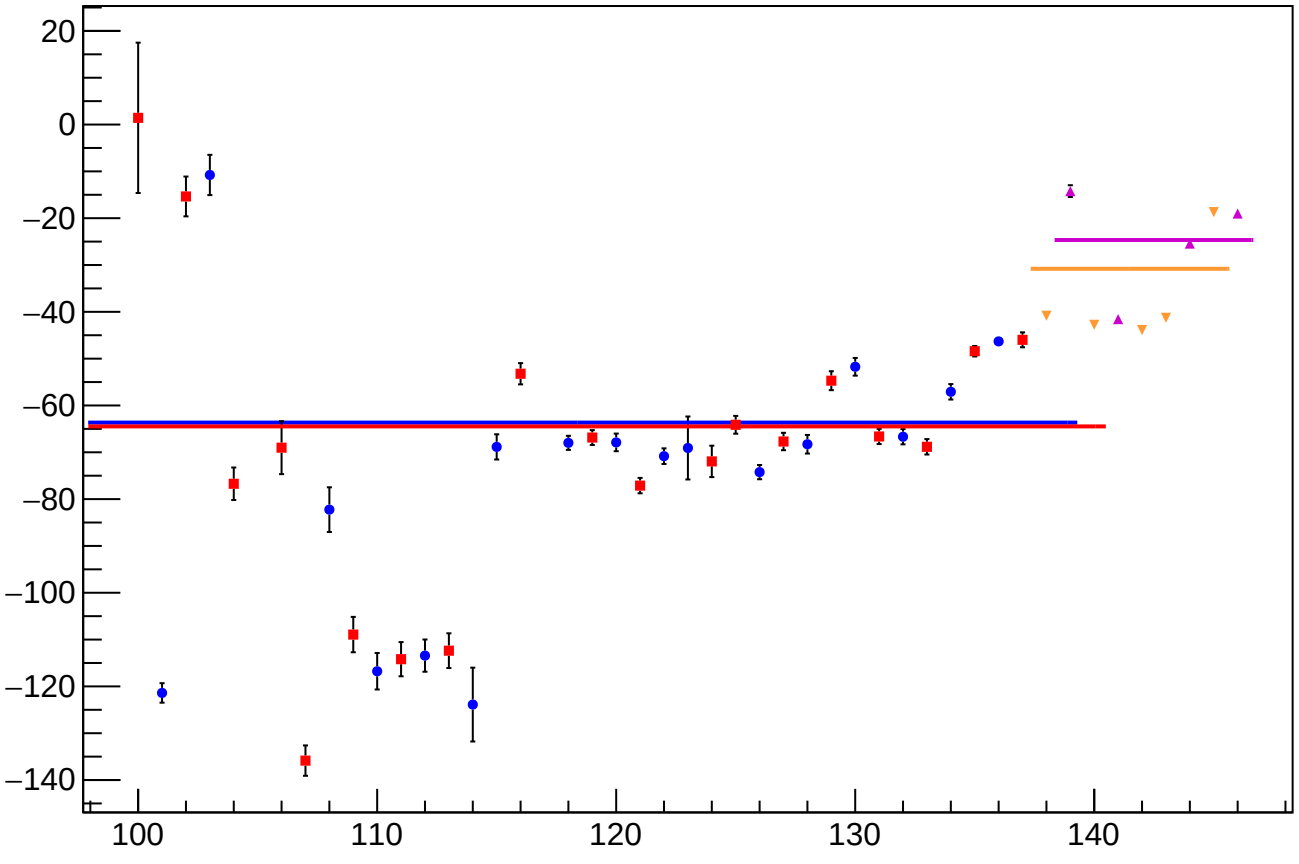
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -40.724+/-0.238 χ^2/NDF:2743.4/20

Out: -44.879+/-0.255 χ^2/NDF:2048.7/23

All: -42.655+/-0.174 χ^2/NDF: 4933.8/44

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: -30.808+/-0.233 χ^2/NDF:2565.6/4

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -24.662+/-0.212 χ^2/NDF:1368.1/3

Left: -27.454+/-0.157 χ^2/NDF: 4314.6/8

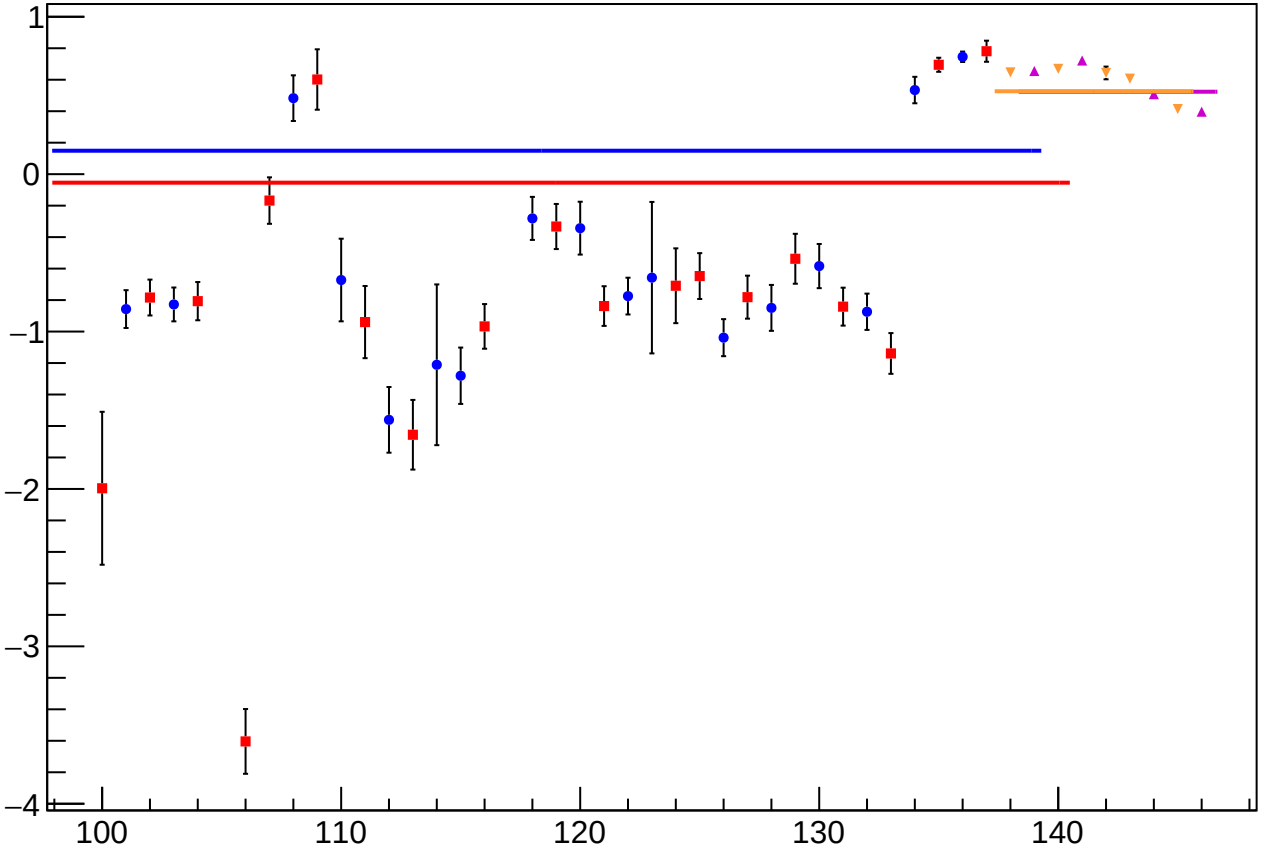
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -31.878+/-0.192 χ^2/NDF:9630.2/20

Out: -37.156+/-0.210 χ^2/NDF:8121.8/23

All: -34.282+/-0.141 χ^2/NDF: 18097.5/44

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: 0.527+/-0.011 χ^2/NDF:115.2/4

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.524+/-0.011 χ^2/NDF:126.8/3

Left: 0.525+/-0.008 χ^2/NDF: 242.1/8

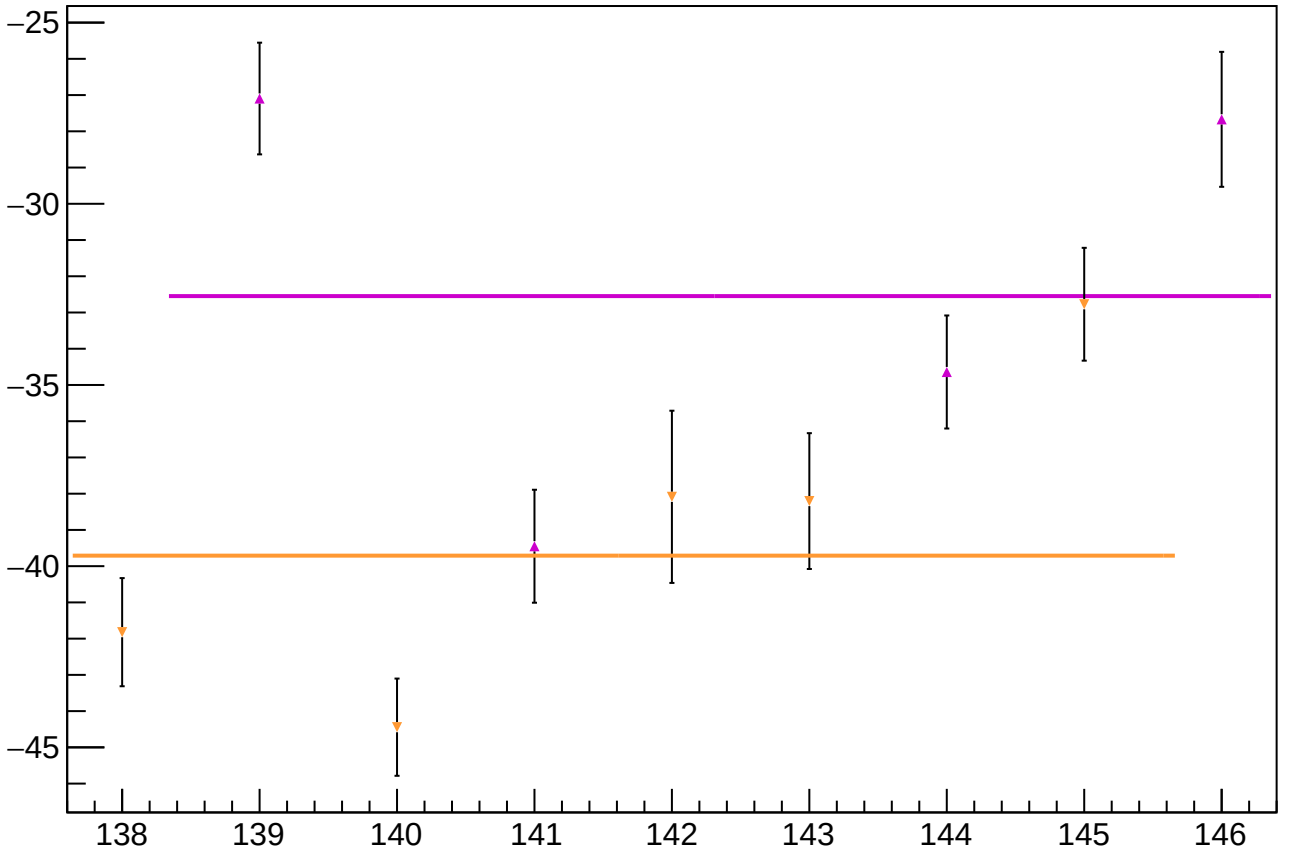
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.460+/-0.010 χ^2/NDF:1319.7/20

Out: 0.442+/-0.010 χ^2/NDF:1702.4/23

All: 0.451+/-0.007 χ^2/NDF: 3023.9/44

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: -39.710+/-0.729 χ^2/NDF:35.4/4

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

Left In: -32.547+/-0.808 χ^2/NDF:40.8/3

Left: -36.493+/-0.541 χ^2/NDF: 119.5/8

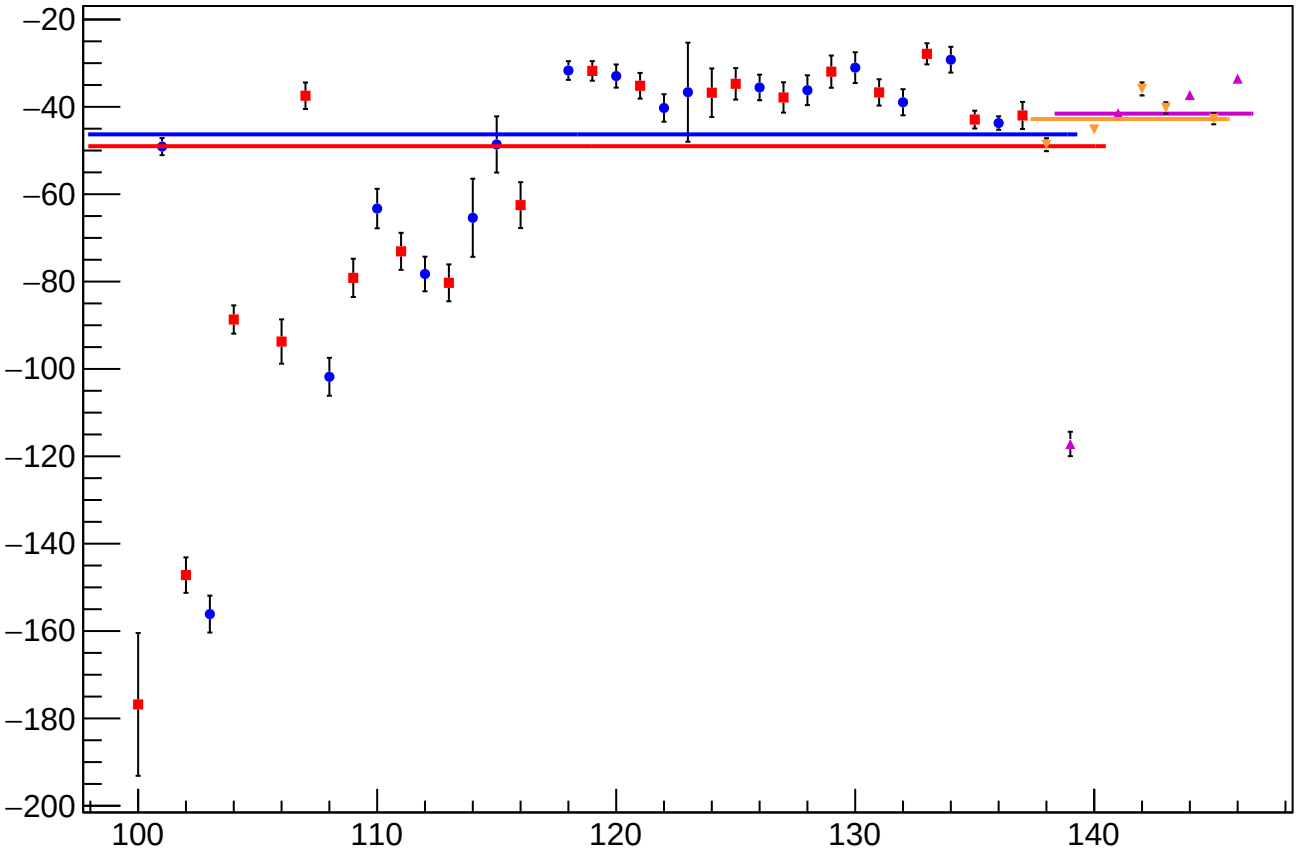
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.547+/-0.808 χ^2/NDF:40.8/3

Out: -39.710+/-0.729 χ^2/NDF:35.4/4

All: -36.493+/-0.541 χ^2/NDF: 119.5/8

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: -42.788+/-0.582 χ^2/NDF:45.4/4

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -41.557+/-0.630 χ^2/NDF:797.8/3

Left: -42.222+/-0.427 χ^2/NDF: 845.2/8

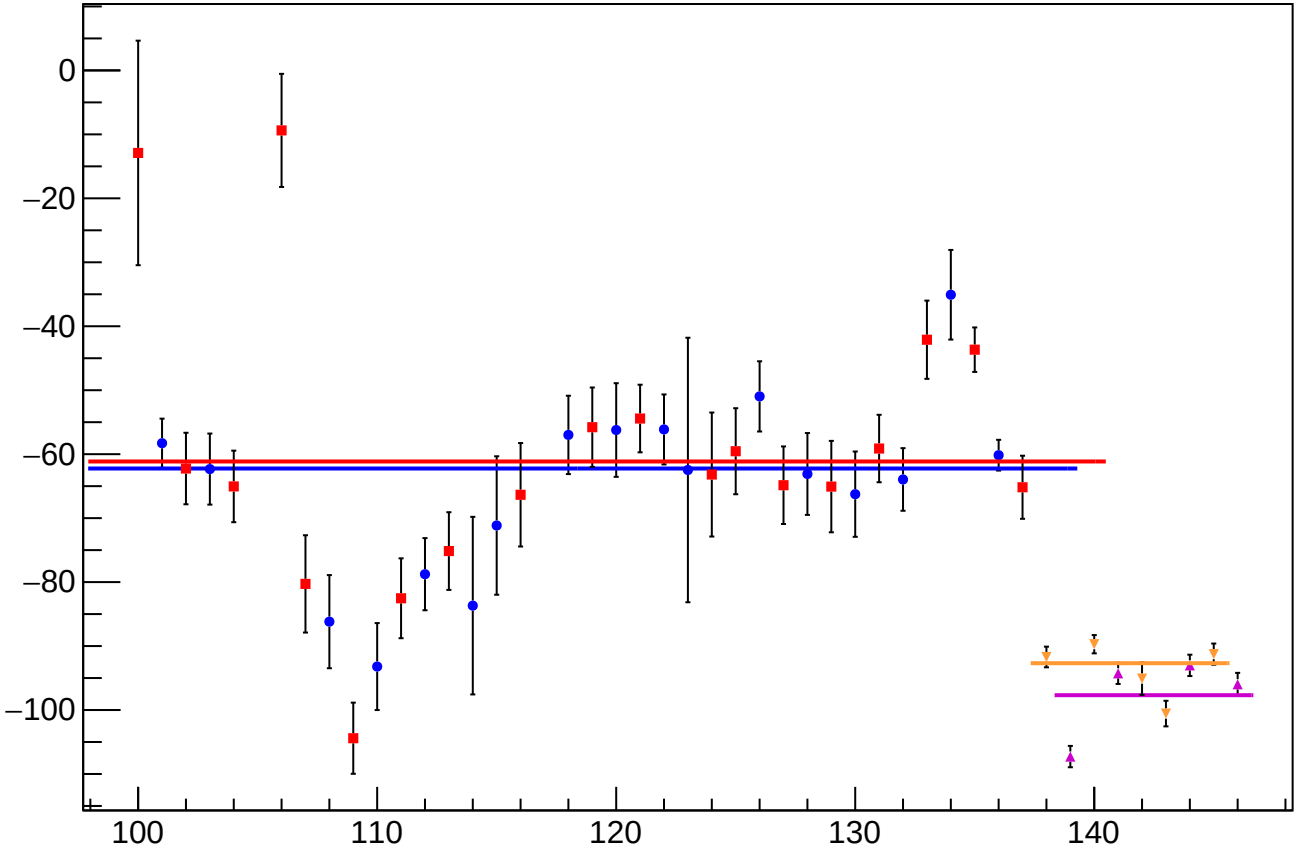
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -43.606+/-0.475 χ^2/NDF:1906.3/20

Out: -45.071+/-0.463 χ^2/NDF:1359.0/23

All: -44.358+/-0.331 χ^2/NDF: 3270.2/44

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: -92.678+/-0.780 χ^2/NDF:21.8/4

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -97.682+/-0.846 χ^2/NDF:46.1/3

Left: -94.978+/-0.574 χ^2/NDF: 86.8/8

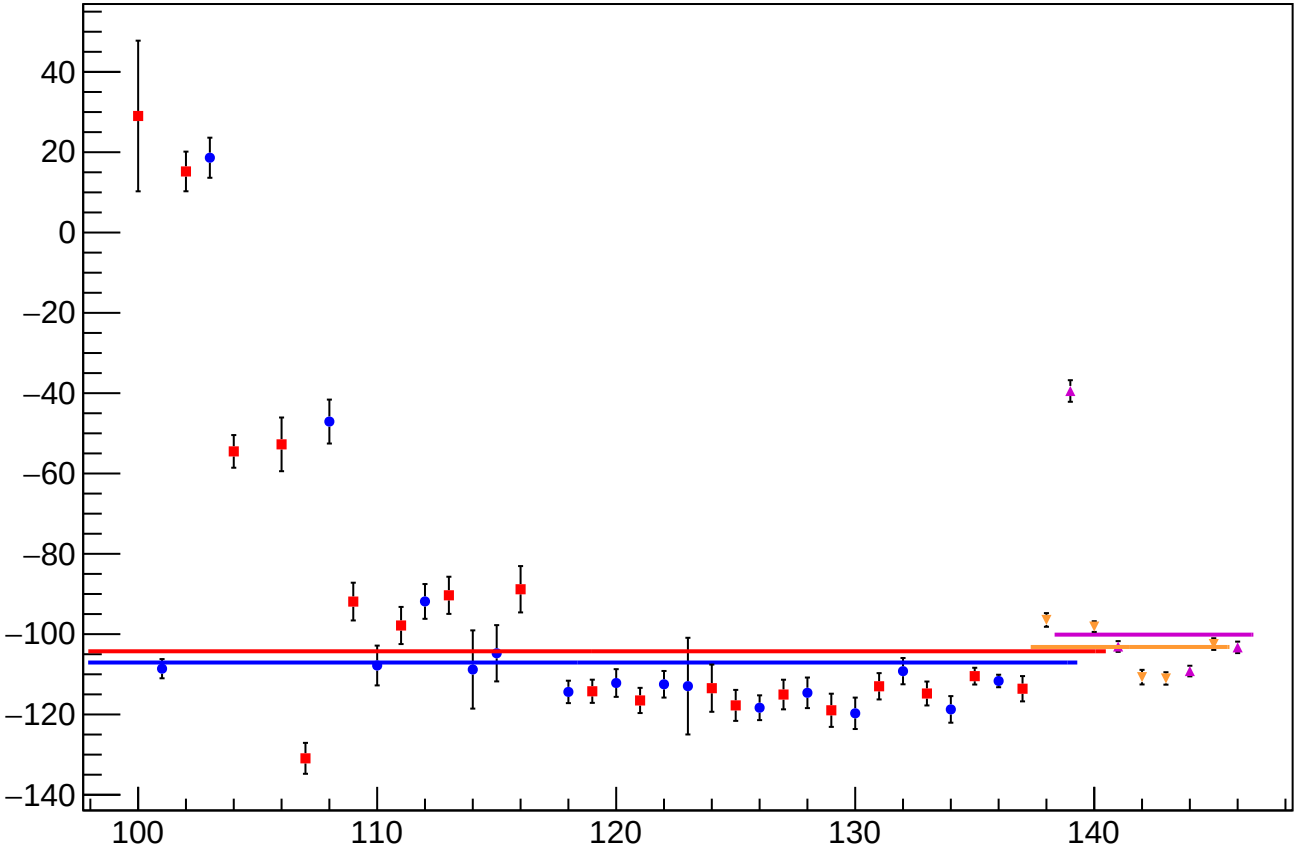
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -87.250+/-0.711 χ^2/NDF:629.8/20

Out: -85.032+/-0.679 χ^2/NDF:583.3/23

All: -86.090+/-0.491 χ^2/NDF: 1218.2/44

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: -103.194+/-0.689 χ^2/NDF:73.2/4

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -100.125+/-0.754 χ^2/NDF:565.9/3

Left: -101.797+/-0.509 χ^2/NDF: 648.1/8

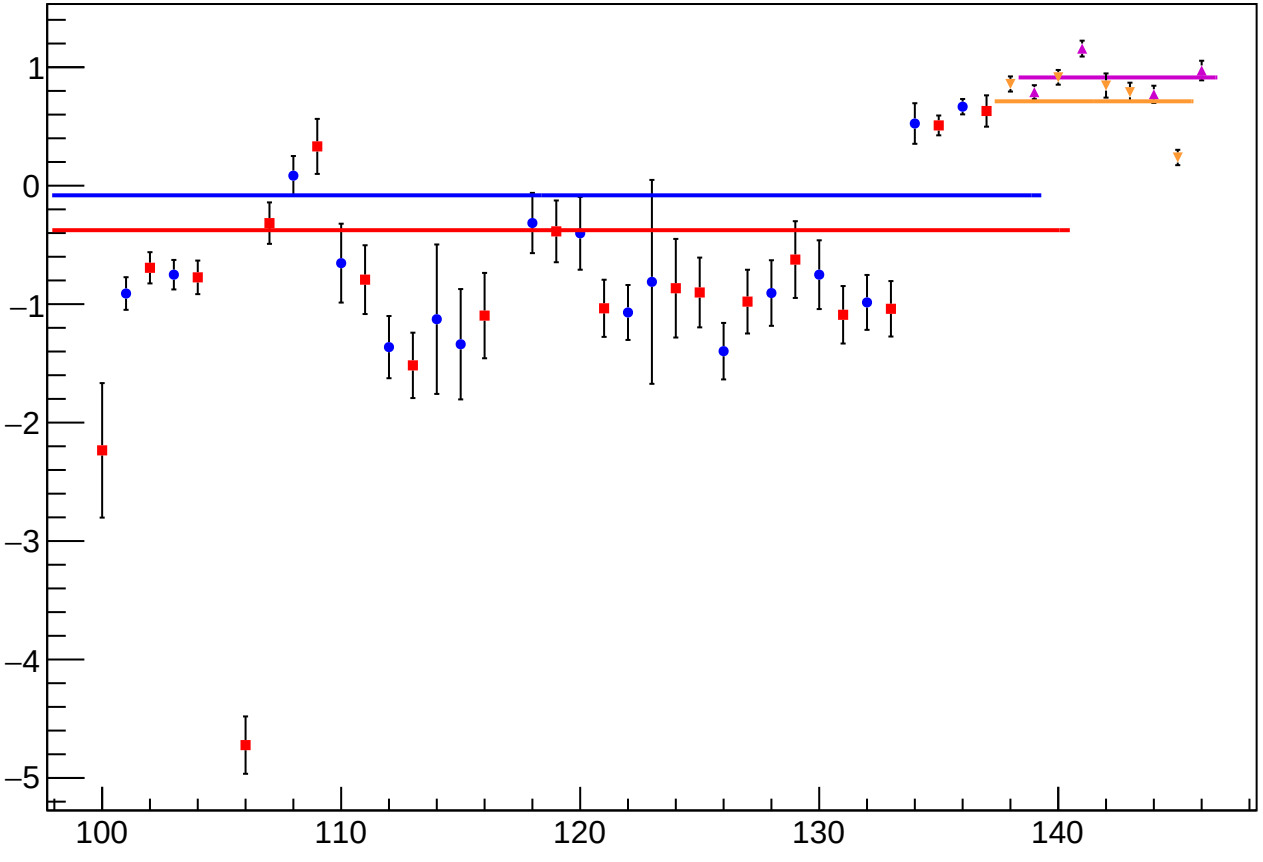
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -103.342+/-0.552 χ^2/NDF:1433.5/20

Out: -103.614+/-0.538 χ^2/NDF:1092.8/23

All: -103.481+/-0.385 χ^2/NDF: 2526.4/44

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: 0.712+/-0.032 χ^2/NDF:71.9/4

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.914+/-0.034 χ^2/NDF:22.0/3

Left: 0.805+/-0.023 χ^2/NDF: 112.5/8

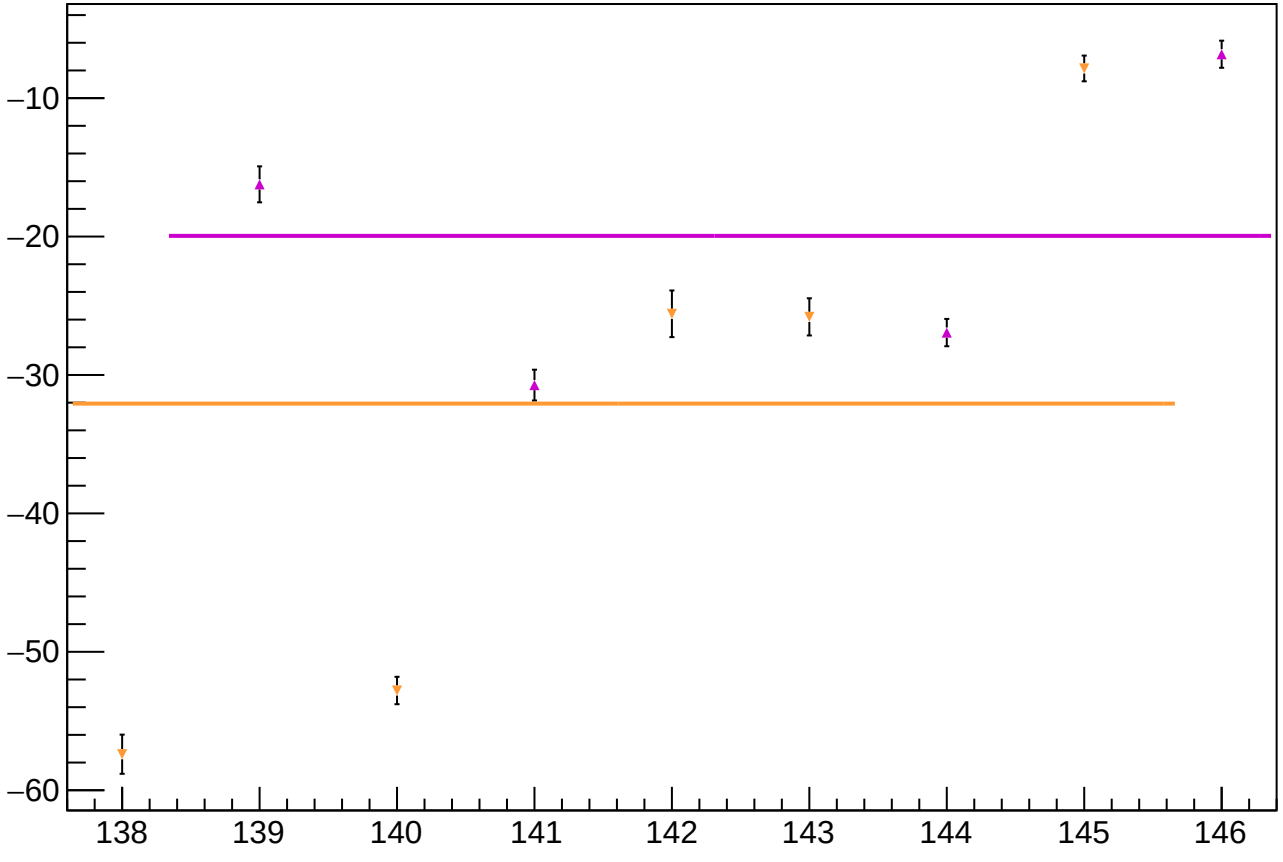
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.516+/-0.027 χ^2/NDF:685.5/20

Out: 0.339+/-0.026 χ^2/NDF:1058.4/23

All: 0.424+/-0.019 χ^2/NDF: 1767.0/44

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: -32.068+/-0.528 χ^2/NDF:1474.2/4

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

Left In: -19.950+/-0.537 χ^2/NDF:331.6/3

Left: -26.110+/-0.377 χ^2/NDF: 2064.5/8

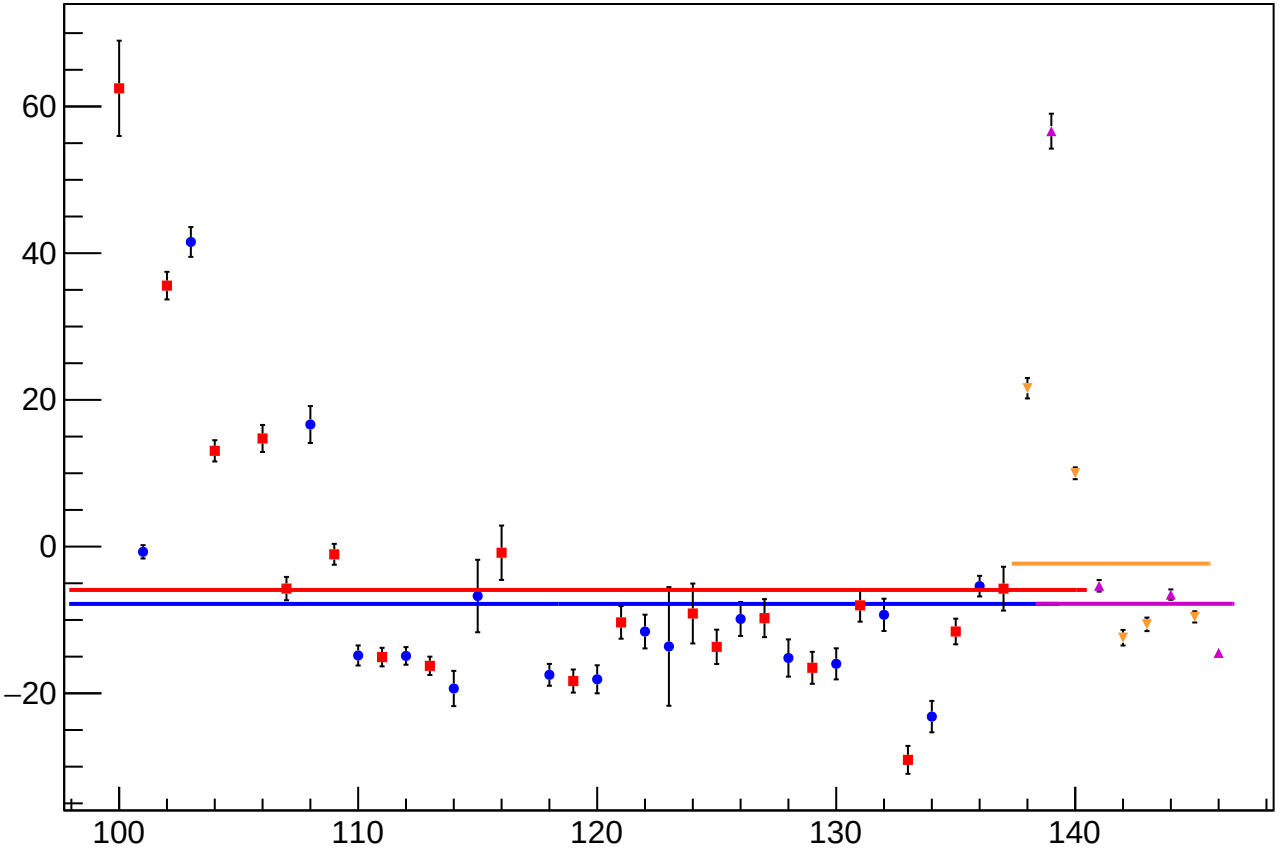
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.950+/-0.537 χ^2/NDF:331.6/3

Out: -32.068+/-0.528 χ^2/NDF:1474.2/4

All: -26.110+/-0.377 χ^2/NDF: 2064.5/8

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: -2.320+/-0.414 χ^2/NDF:788.0/4

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -7.795+/-0.394 χ^2/NDF:864.4/3

Left: -5.194+/-0.286 χ^2/NDF: 1744.1/8

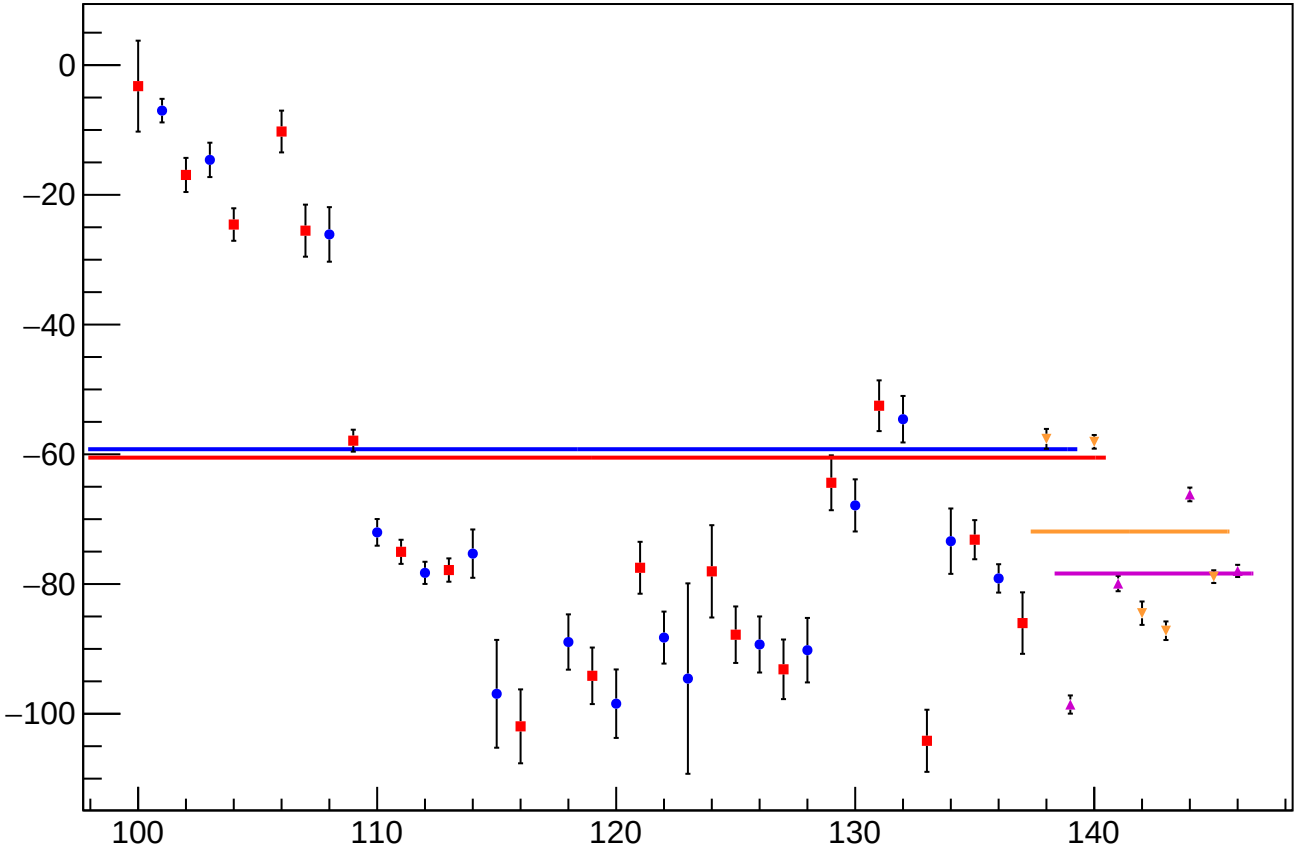
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -7.803+/-0.290 χ^2/NDF:1847.2/20

Out: -4.051+/-0.298 χ^2/NDF:2117.3/23

All: -5.980+/-0.208 χ^2/NDF: 4045.9/44

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: -71.904+/-0.563 χ^2/NDF:471.3/4

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -78.376+/-0.555 χ^2/NDF:341.6/3

Left: -75.187+/-0.395 χ^2/NDF: 879.9/8

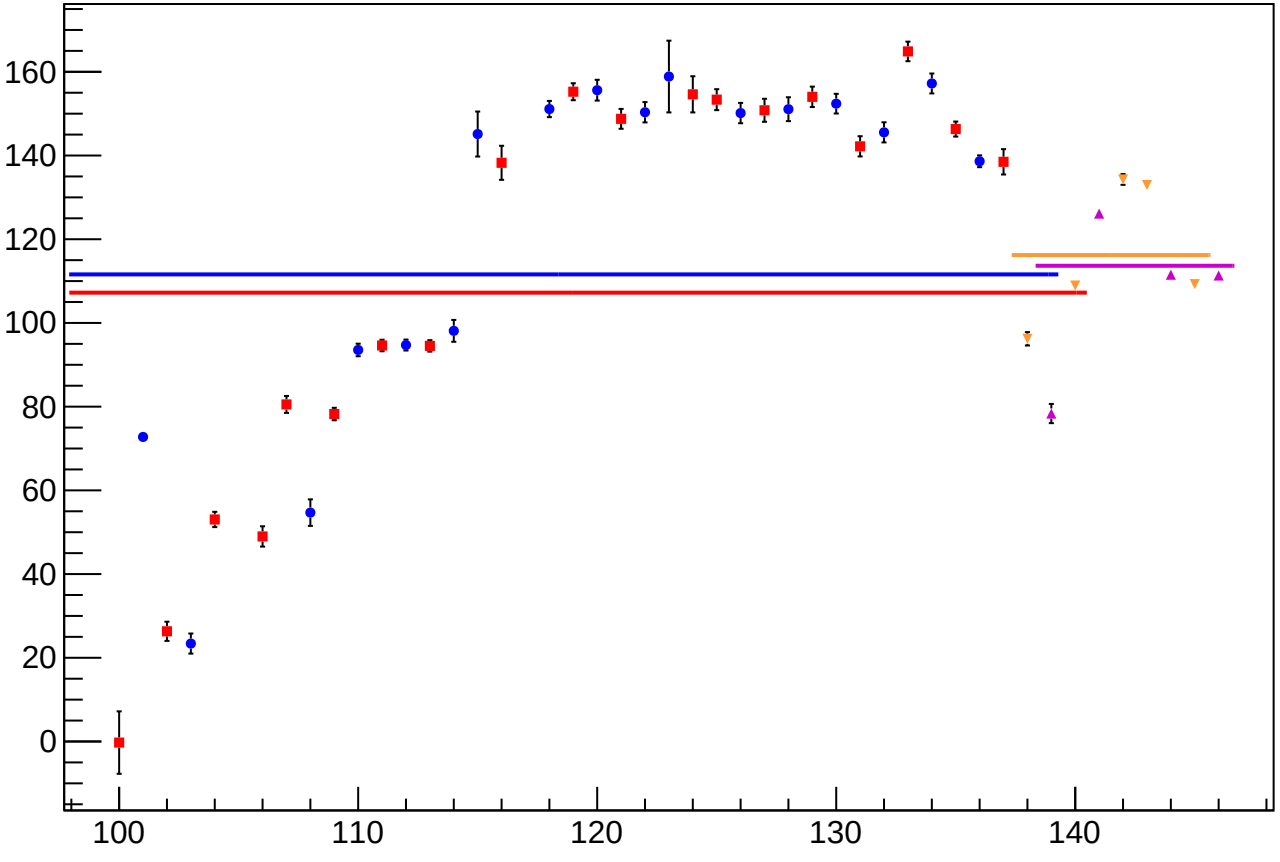
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -71.520+/-0.445 χ^2/NDF:2488.4/20

Out: -67.459+/-0.440 χ^2/NDF:2014.8/23

All: -69.466+/-0.313 χ^2/NDF: 4545.3/44

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 116.220+/-0.491 χ^2/NDF:698.5/4

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 113.663+/-0.476 χ^2/NDF:423.5/3

Left: 114.902+/-0.341 χ^2/NDF: 1136.0/8

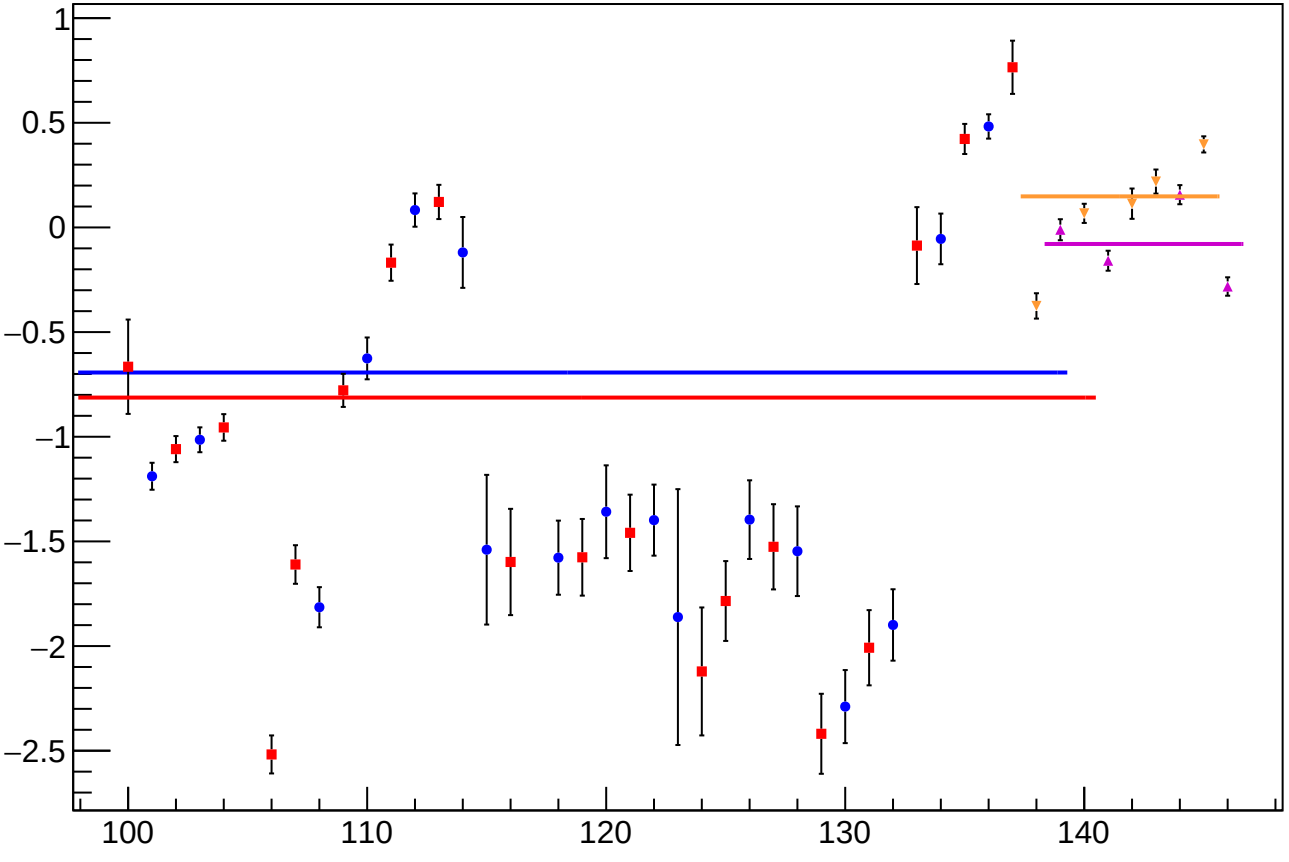
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 112.654+/-0.340 χ^2/NDF:6392.2/20

Out: 111.702+/-0.346 χ^2/NDF:7904.6/23

All: 112.186+/-0.243 χ^2/NDF: 14300.6/44

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+/-0.023 χ^2/NDF:120.9/4

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.079+/-0.023 χ^2/NDF:52.6/3

Left: 0.037+/-0.016 χ^2/NDF: 221.9/8

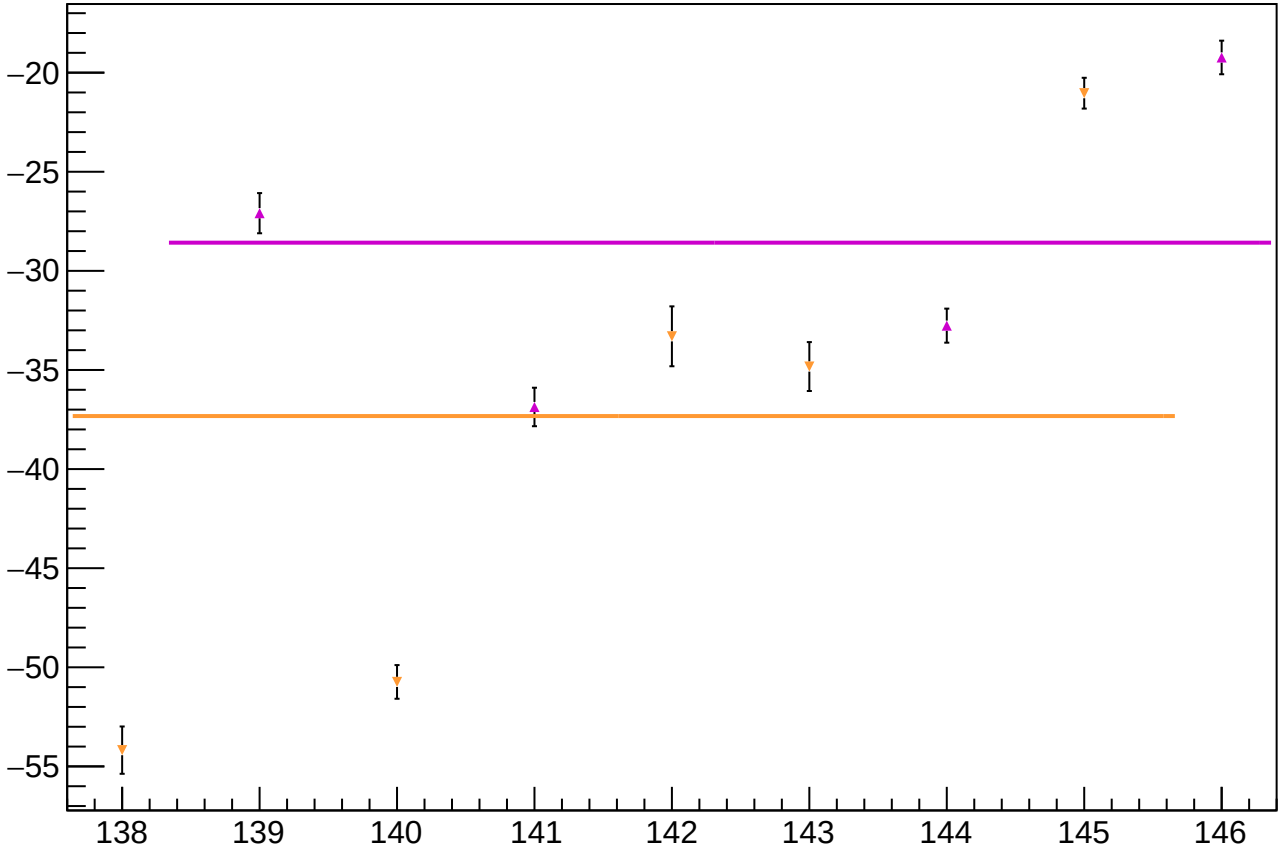
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.356+/-0.017 χ^2/NDF:1357.2/20

Out: -0.302+/-0.017 χ^2/NDF:2260.2/23

All: -0.328+/-0.012 χ^2/NDF: 3622.5/44

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.325+/-0.455 χ^2/NDF:899.4/4

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

Left In: -28.577+/-0.457 χ^2/NDF:220.4/3

Left: -32.977+/-0.322 χ^2/NDF: 1303.9/8

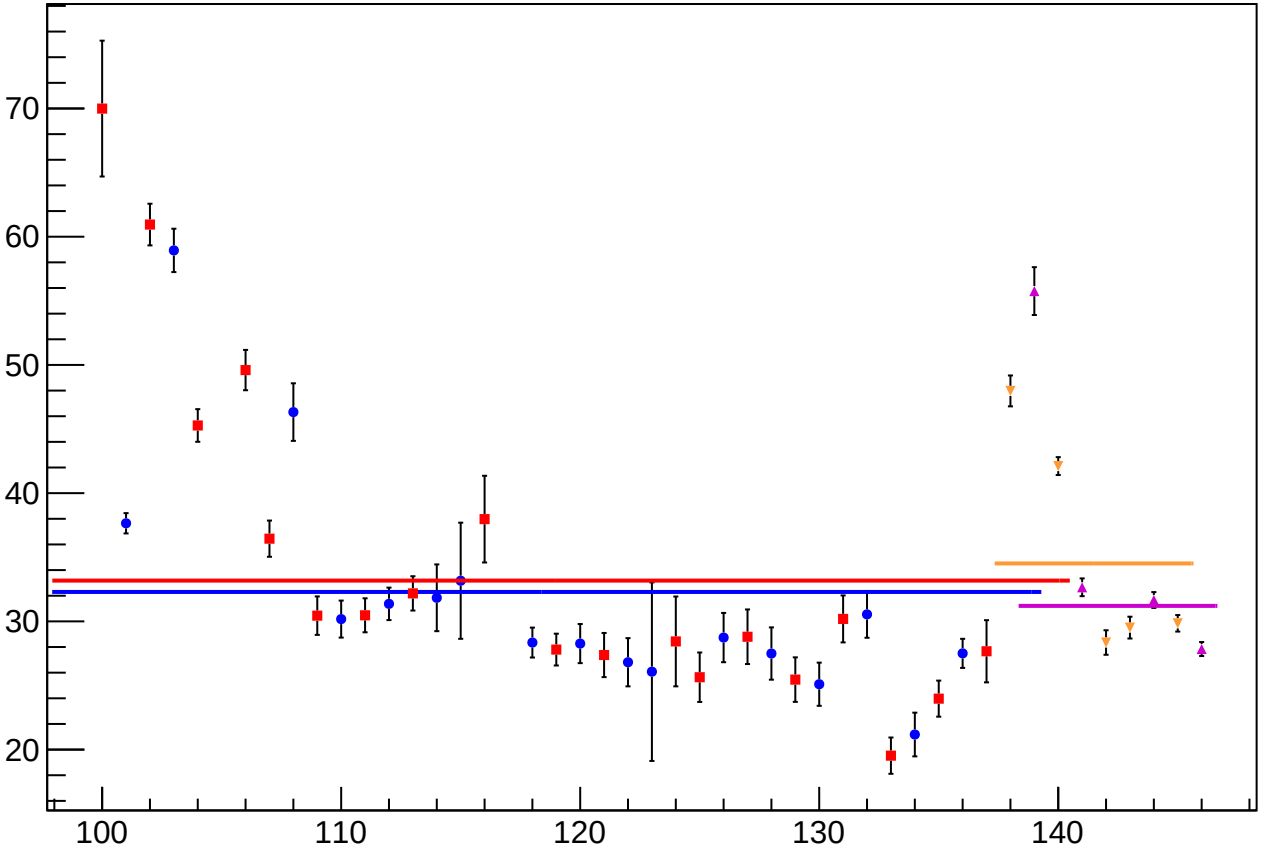
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.577+/-0.457 χ^2/NDF:220.4/3

Out: -37.325+/-0.455 χ^2/NDF:899.4/4

All: -32.977+/-0.322 χ^2/NDF: 1303.9/8

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: 34.518+/-0.362 χ^2/NDF:372.0/4

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 31.209+/-0.346 χ^2/NDF:216.2/3

Left: 32.788+/-0.250 χ^2/NDF: 631.8/8

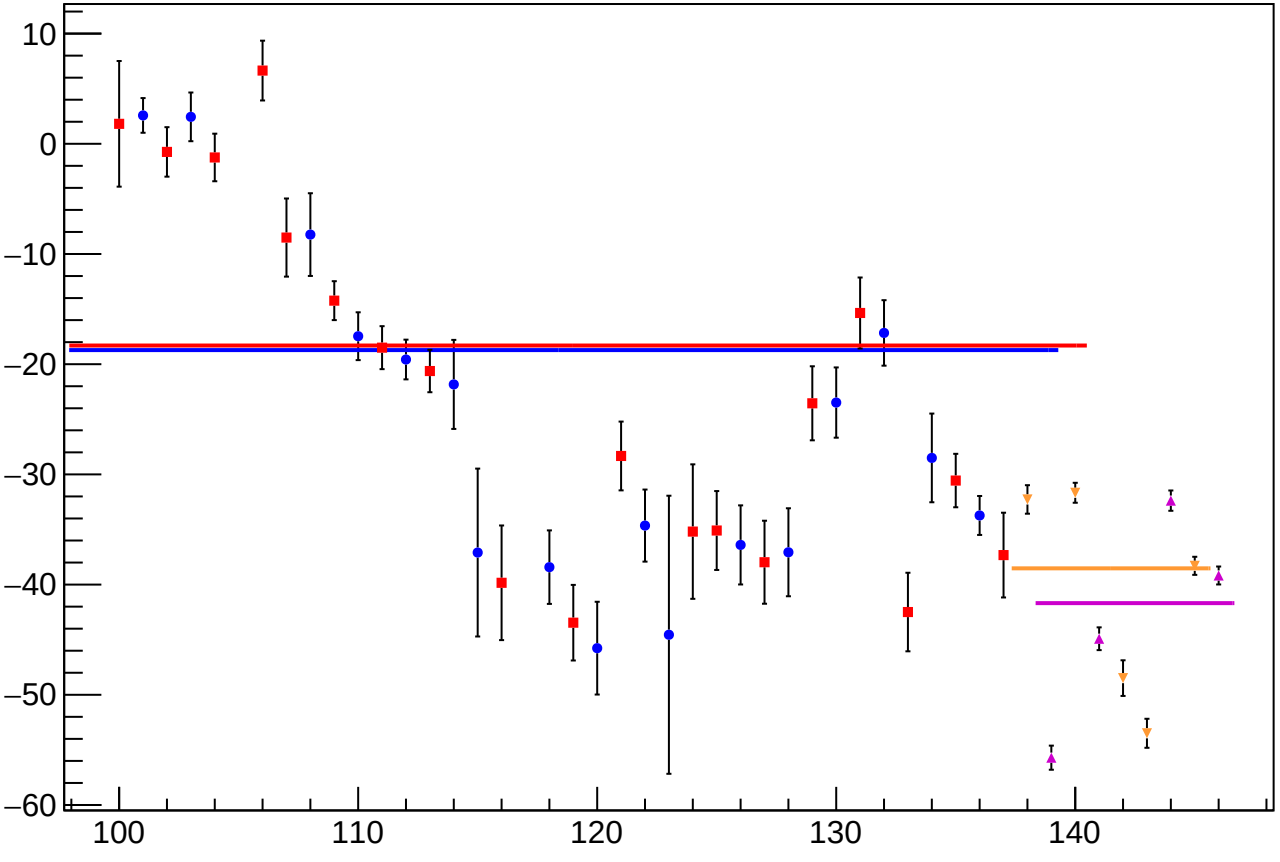
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 31.711+/-0.254 χ^2/NDF:673.0/20

Out: 33.879+/-0.262 χ^2/NDF:1148.8/23

All: 32.760+/-0.182 χ^2/NDF: 1857.1/44

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: -38.525+/-0.484 χ^2/NDF:247.9/4

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -41.682+/-0.473 χ^2/NDF:285.6/3

Left: -40.139+/-0.339 χ^2/NDF: 555.3/8

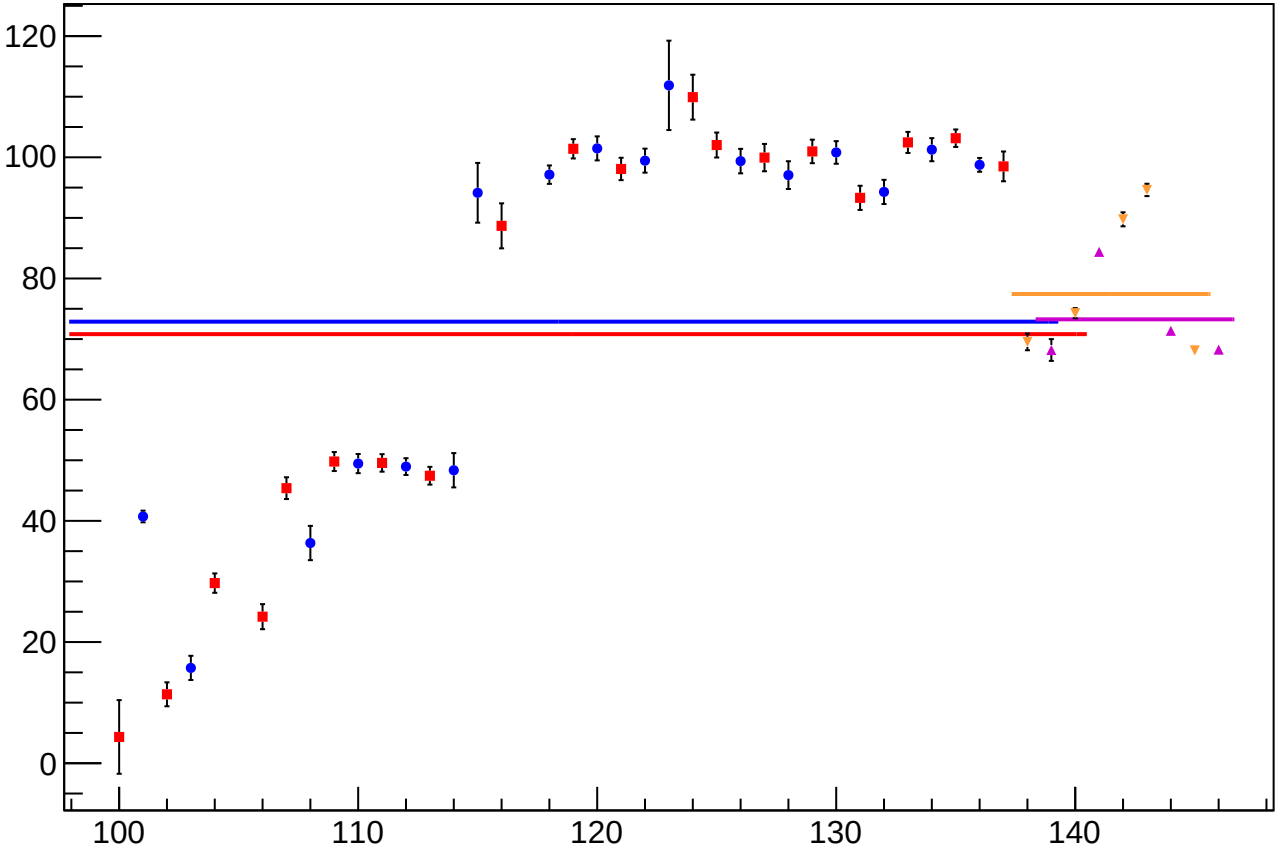
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -33.964+/-0.386 χ^2/NDF:1595.7/20

Out: -31.215+/-0.387 χ^2/NDF:1350.8/23

All: -32.593+/-0.273 χ^2/NDF: 2971.9/44

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: 77.443+/-0.427 χ^2/NDF:602.1/4

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 73.257+/-0.414 χ^2/NDF:248.3/3

Left: 75.285+/-0.297 χ^2/NDF: 899.8/8

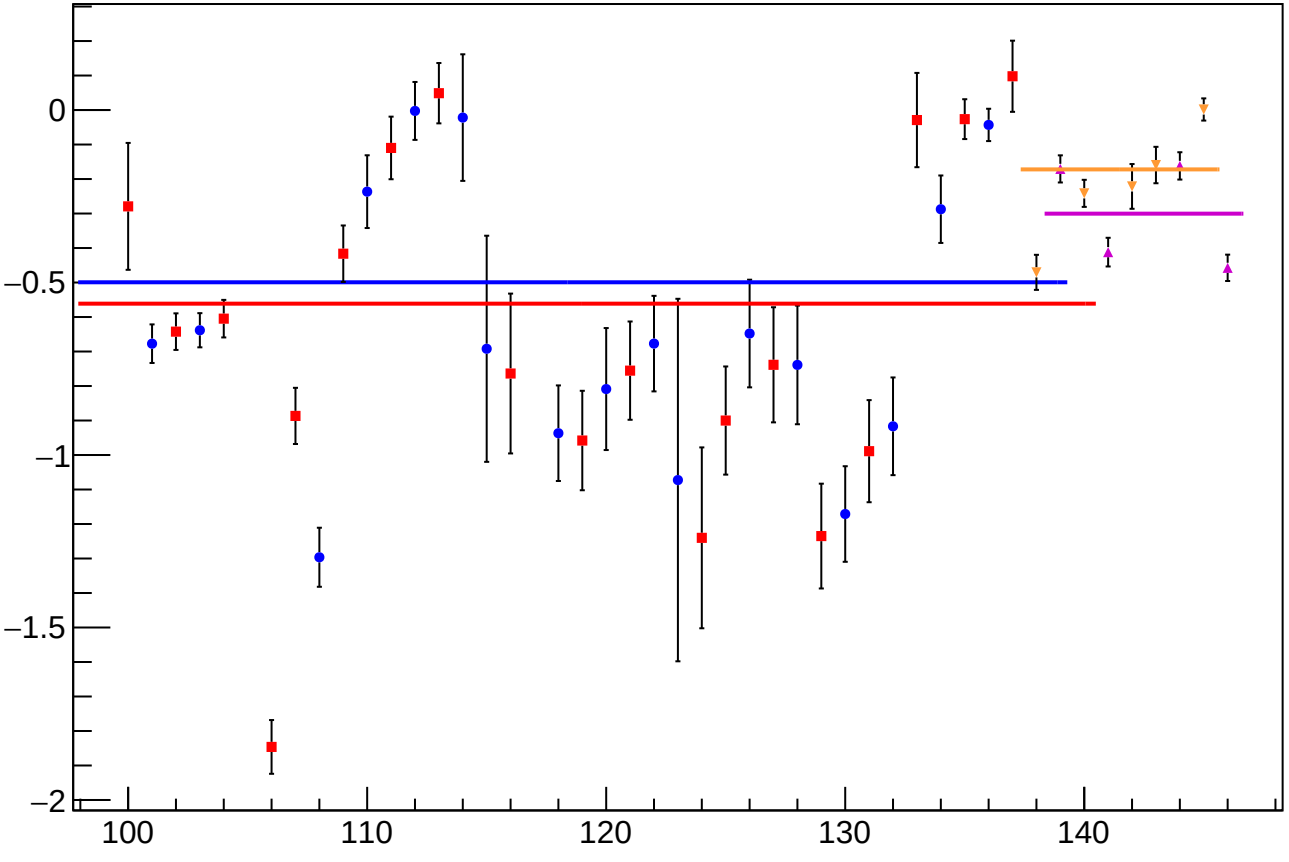
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 73.071+/-0.297 χ^2/NDF:4986.6/20

Out: 74.175+/-0.304 χ^2/NDF:6210.0/23

All: 73.610+/-0.212 χ^2/NDF: 11203.4/44

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: -0.172+/-0.020 χ^2/NDF:67.4/4

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.300+/-0.020 χ^2/NDF:47.2/3

Left: -0.236+/-0.014 χ^2/NDF: 135.7/8

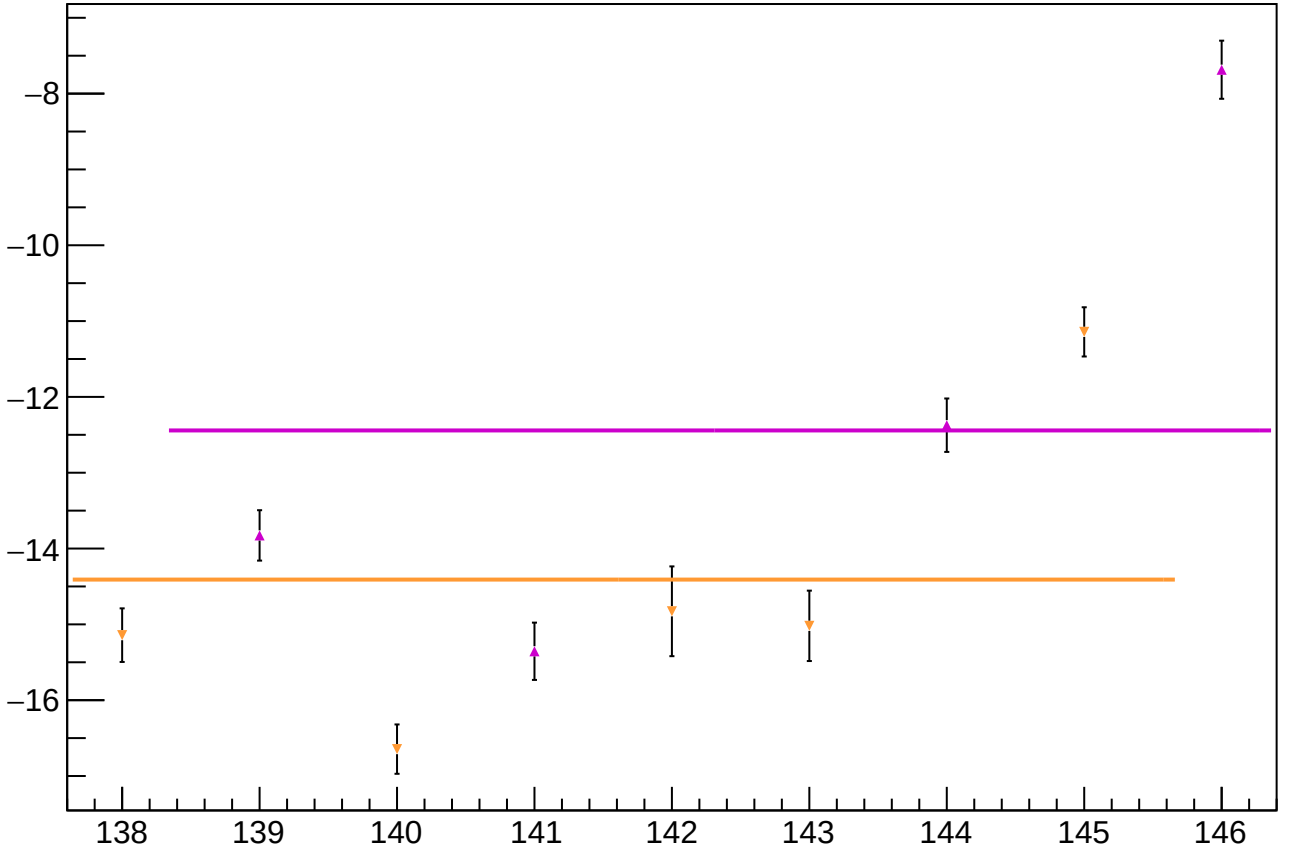
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.388+/-0.015 χ^2/NDF:395.1/20

Out: -0.350+/-0.014 χ^2/NDF:809.5/23

All: -0.369+/-0.010 χ^2/NDF: 1208.1/44

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: -14.409+/-0.170 χ^2/NDF:155.0/4

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

Left In: -12.442+/-0.180 χ^2/NDF:230.9/3

Left: -13.479+/-0.124 χ^2/NDF: 448.9/8

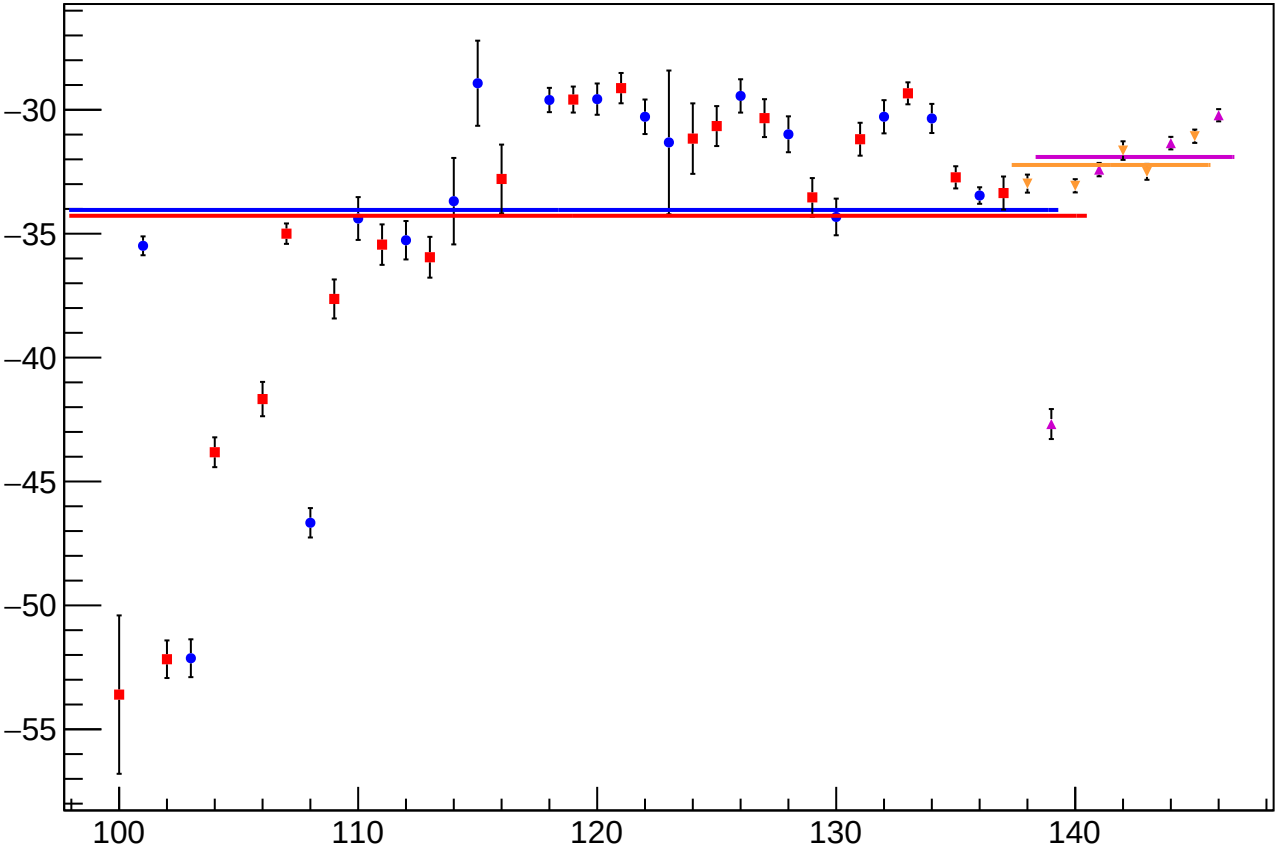
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.442+/-0.180 χ^2/NDF:230.9/3

Out: -14.409+/-0.170 χ^2/NDF:155.0/4

All: -13.479+/-0.124 χ^2/NDF: 448.9/8

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: -32.226+/-0.138 χ^2/NDF:35.8/4

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -31.904+/-0.144 χ^2/NDF:372.0/3

Left: -32.071+/-0.100 χ^2/NDF: 410.5/8

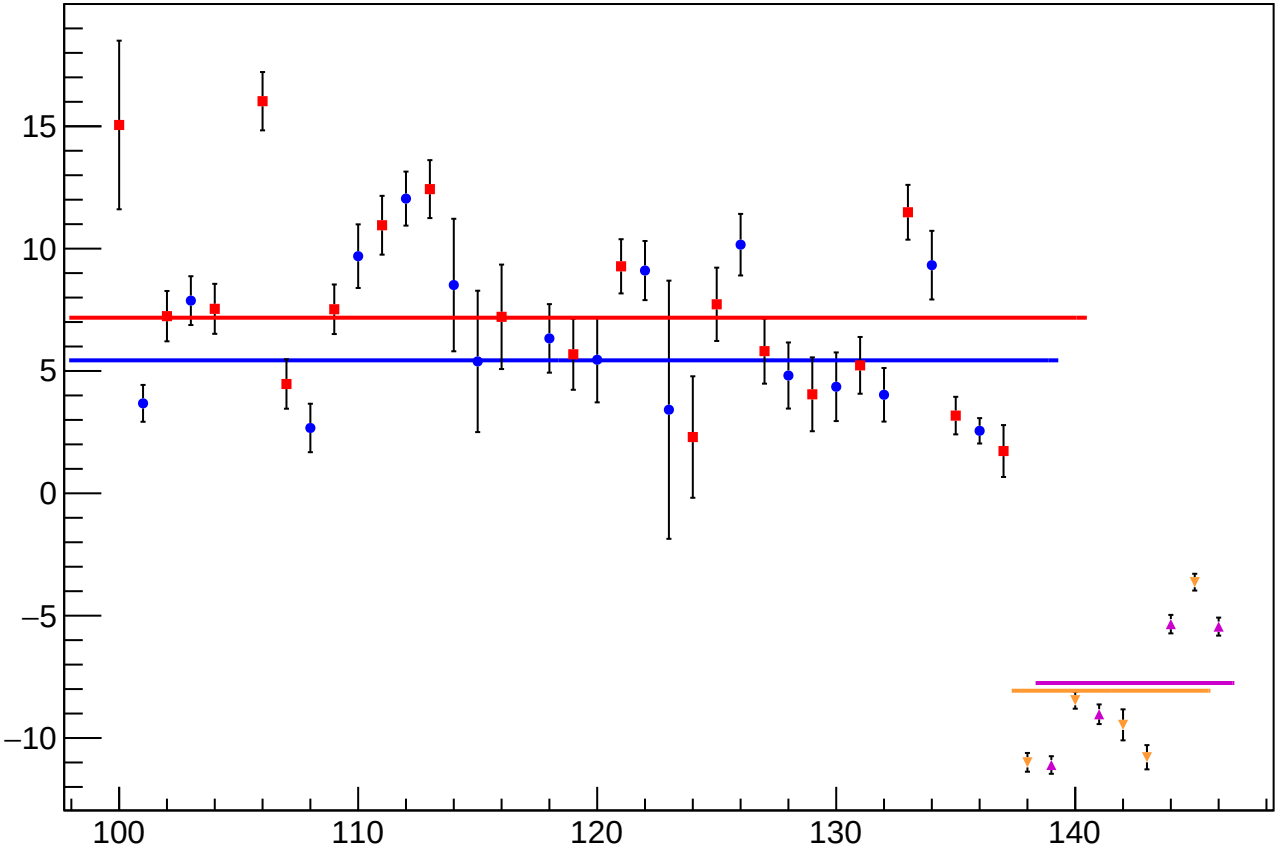
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -32.921+/-0.104 χ^2/NDF:1818.3/20

Out: -33.164+/-0.102 χ^2/NDF:1485.6/23

All: -33.045+/-0.073 χ^2/NDF: 3306.7/44

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -8.067+/-0.182 χ^2/NDF:261.8/4

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -7.752+/-0.188 χ^2/NDF:176.9/3

Left: -7.914+/-0.131 χ^2/NDF: 440.1/8

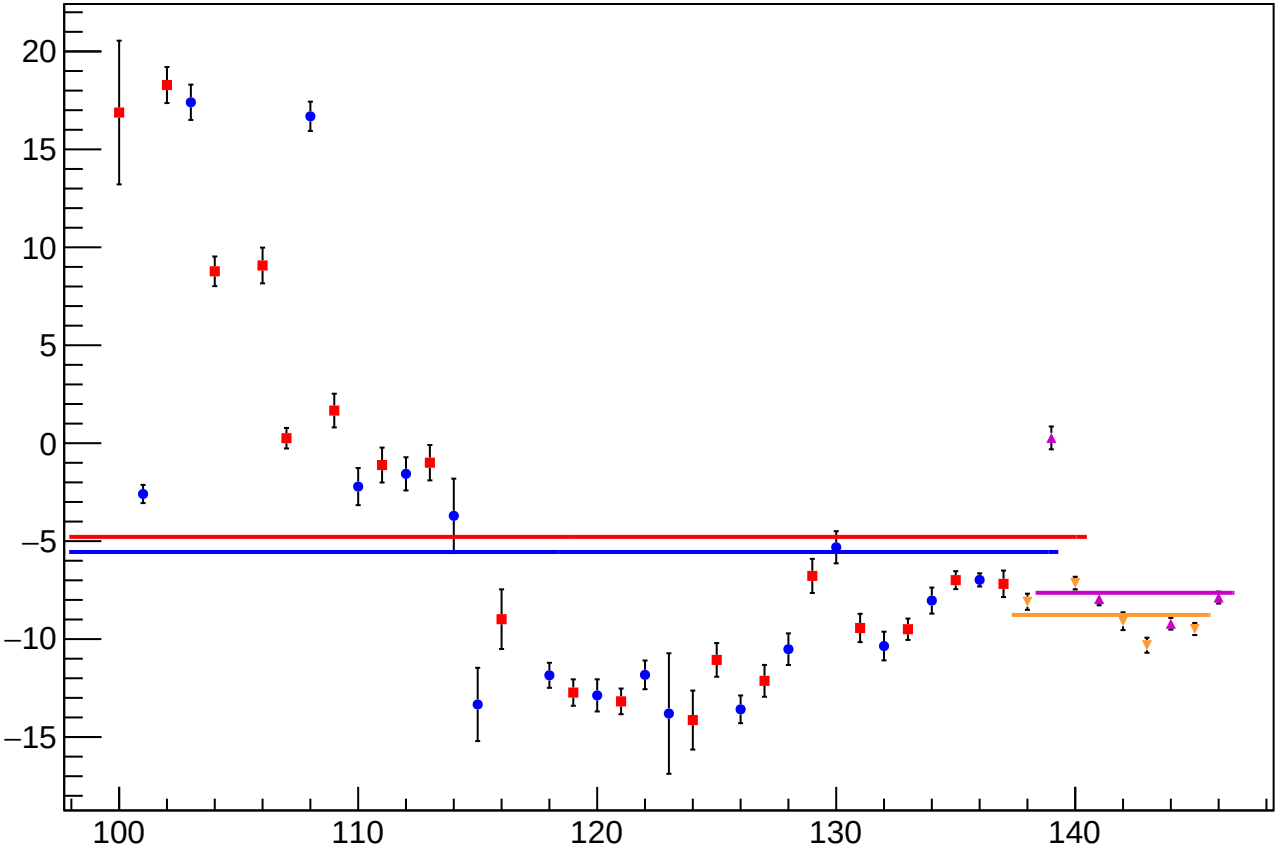
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -3.441+/-0.154 χ^2/NDF:1919.6/20

Out: -3.404+/-0.152 χ^2/NDF:2590.3/23

All: -3.422+/-0.108 χ^2/NDF: 4509.9/44

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.767+/-0.163 χ^2/NDF:50.2/4

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -7.636+/-0.171 χ^2/NDF:213.1/3

Left: -8.227+/-0.118 χ^2/NDF: 286.3/8

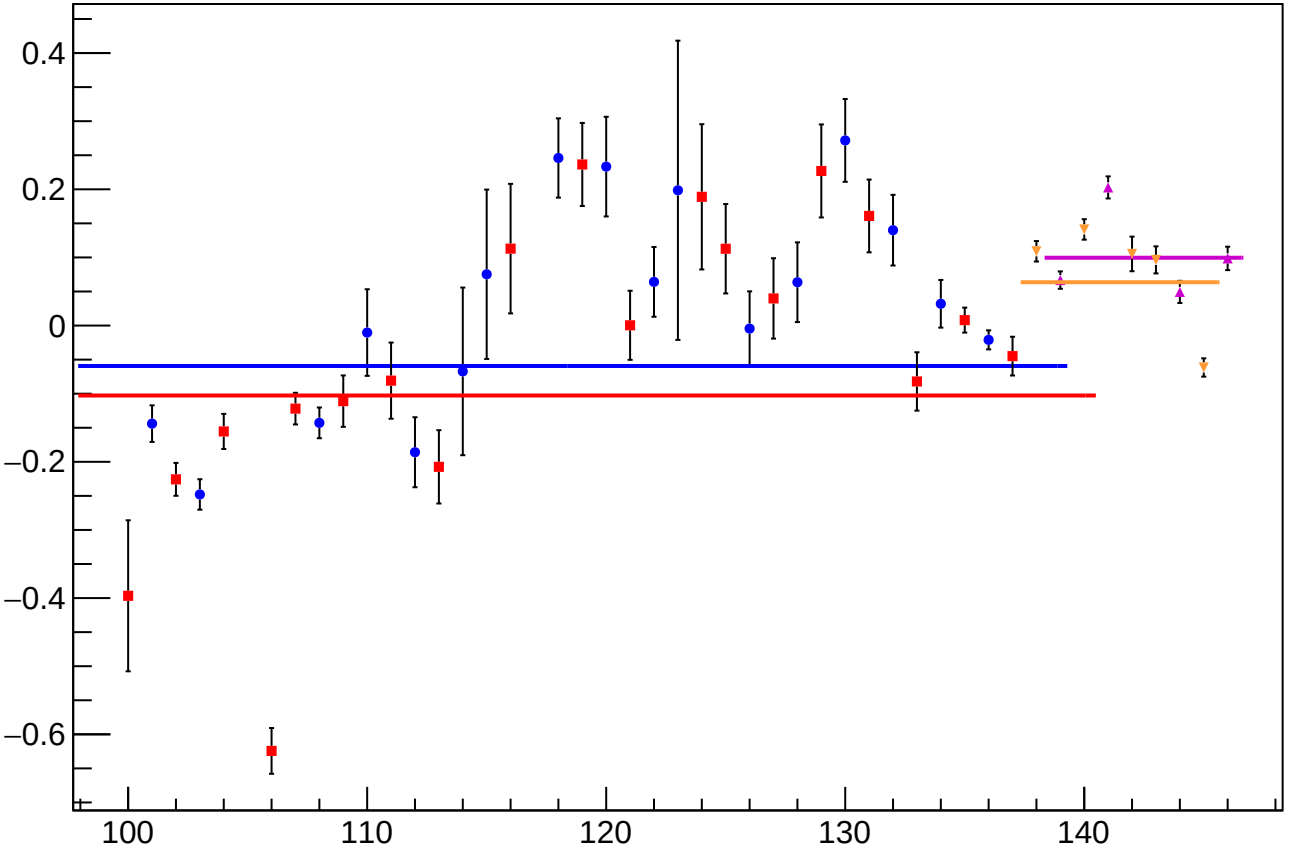
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -6.591+/-0.120 χ^2/NDF:2413.3/20

Out: -6.890+/-0.119 χ^2/NDF:2371.9/23

All: -6.743+/-0.084 χ^2/NDF: 4788.3/44

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: 0.064+/-0.007 χ^2/NDF:127.8/4

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.100+/-0.008 χ^2/NDF:56.7/3

Left: 0.081+/-0.005 χ^2/NDF: 196.0/8

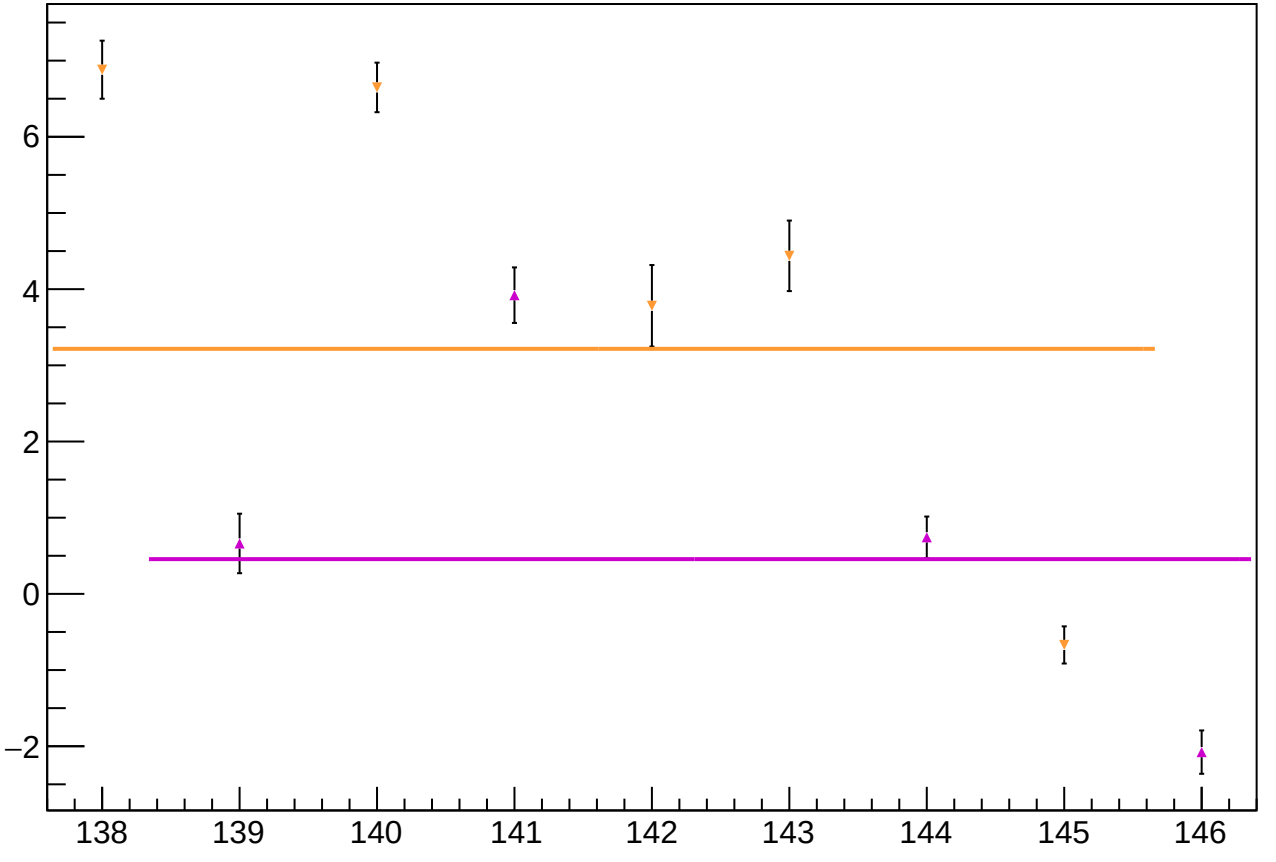
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.027+/-0.006 χ^2/NDF:470.2/20

Out: -0.008+/-0.006 χ^2/NDF:784.6/23

All: 0.009+/-0.004 χ^2/NDF: 1275.3/44

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: 3.217+/-0.156 χ^2/NDF:465.9/4

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

Left In: 0.456+/-0.158 χ^2/NDF:171.0/3

Left: 1.860+/-0.111 χ^2/NDF: 791.6/8

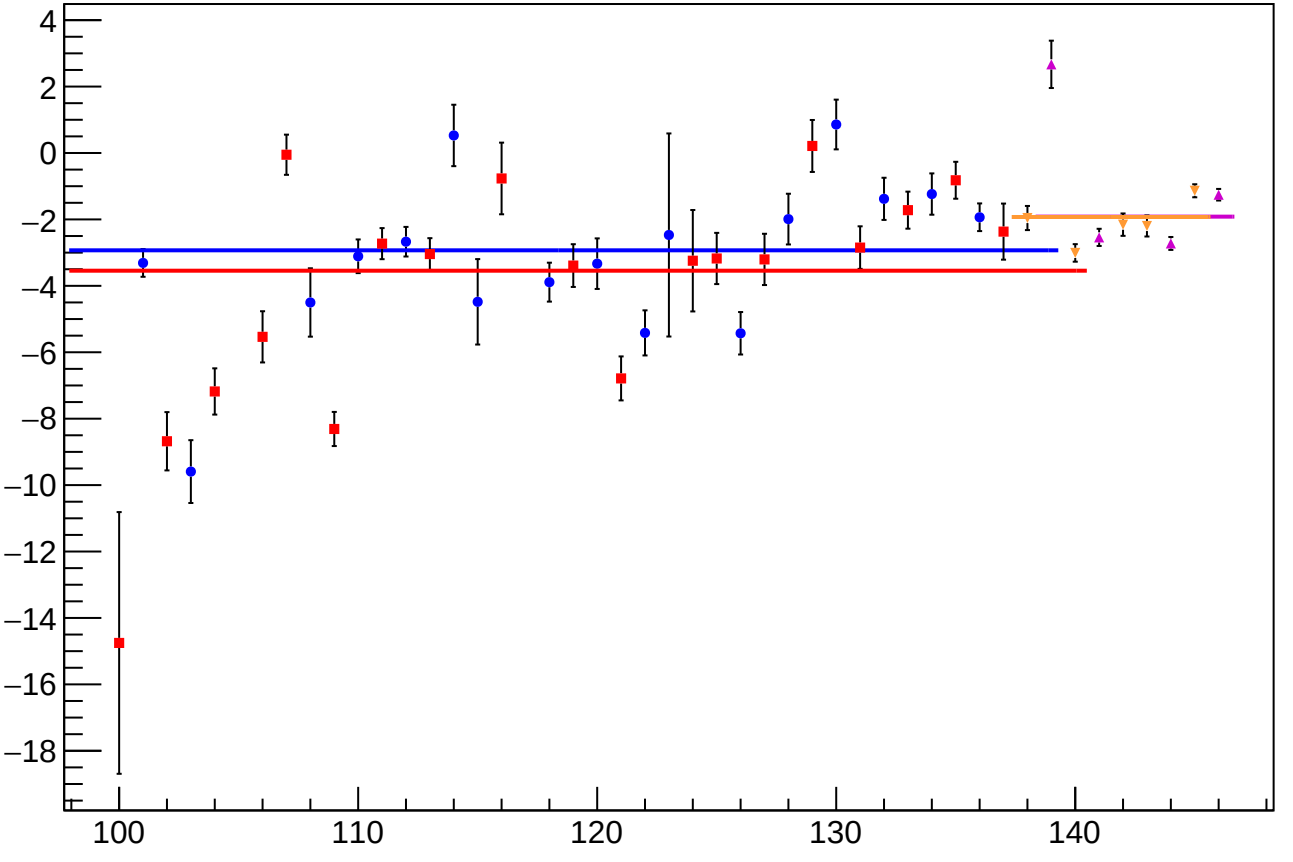
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.456+/-0.158 χ^2/NDF:171.0/3

Out: 3.217+/-0.156 χ^2/NDF:465.9/4

All: 1.860+/-0.111 χ^2/NDF: 791.6/8

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: -1.927+/-0.123 χ^2/NDF:34.2/4

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.916+/-0.115 χ^2/NDF:78.7/3

Left: -1.921+/-0.084 χ^2/NDF: 112.9/8

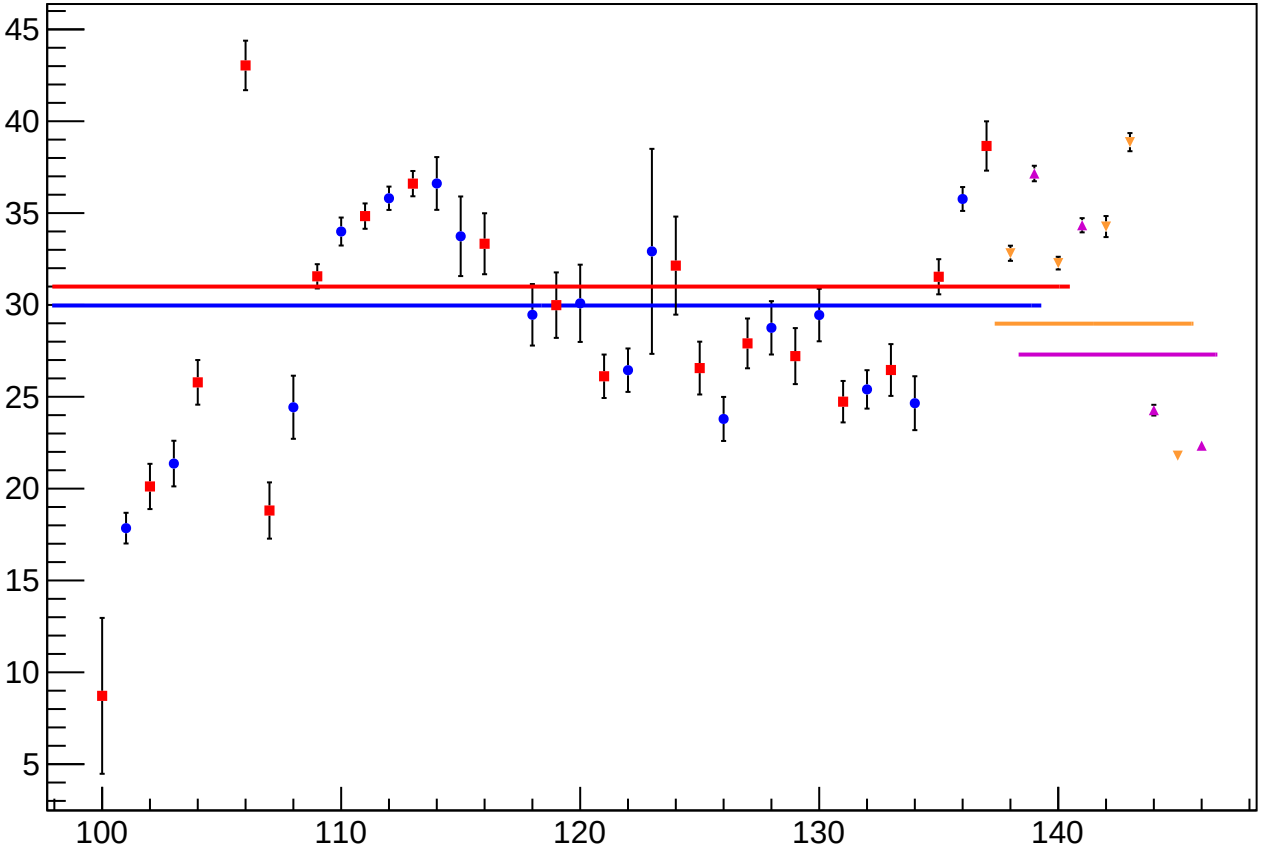
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -2.278+/-0.092 χ^2/NDF:253.2/20

Out: -2.551+/-0.096 χ^2/NDF:393.0/23

All: -2.408+/-0.066 χ^2/NDF: 650.4/44

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 28.981+/-0.166 χ^2/NDF:1427.9/4

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 27.298+/-0.163 χ^2/NDF:1312.7/3

Left: 28.125+/-0.117 χ^2/NDF: 2792.7/8

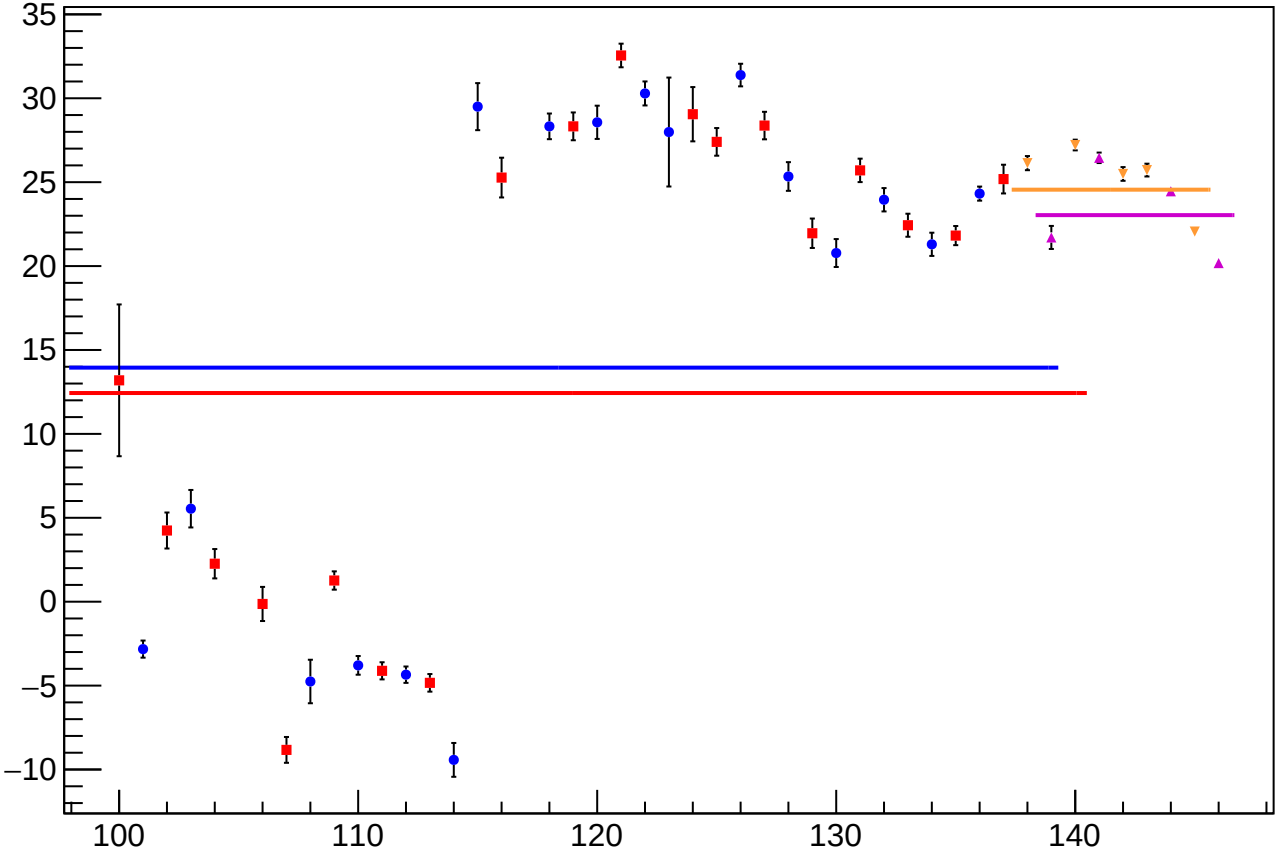
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 28.028+/-0.139 χ^2/NDF:1939.9/20

Out: 29.567+/-0.140 χ^2/NDF:1950.2/23

All: 28.793+/-0.099 χ^2/NDF: 3950.7/44

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: 24.553+/-0.145 χ^2/NDF:219.3/4

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 23.036+/-0.139 χ^2/NDF:330.4/3

Left: 23.763+/-0.100 χ^2/NDF: 606.9/8

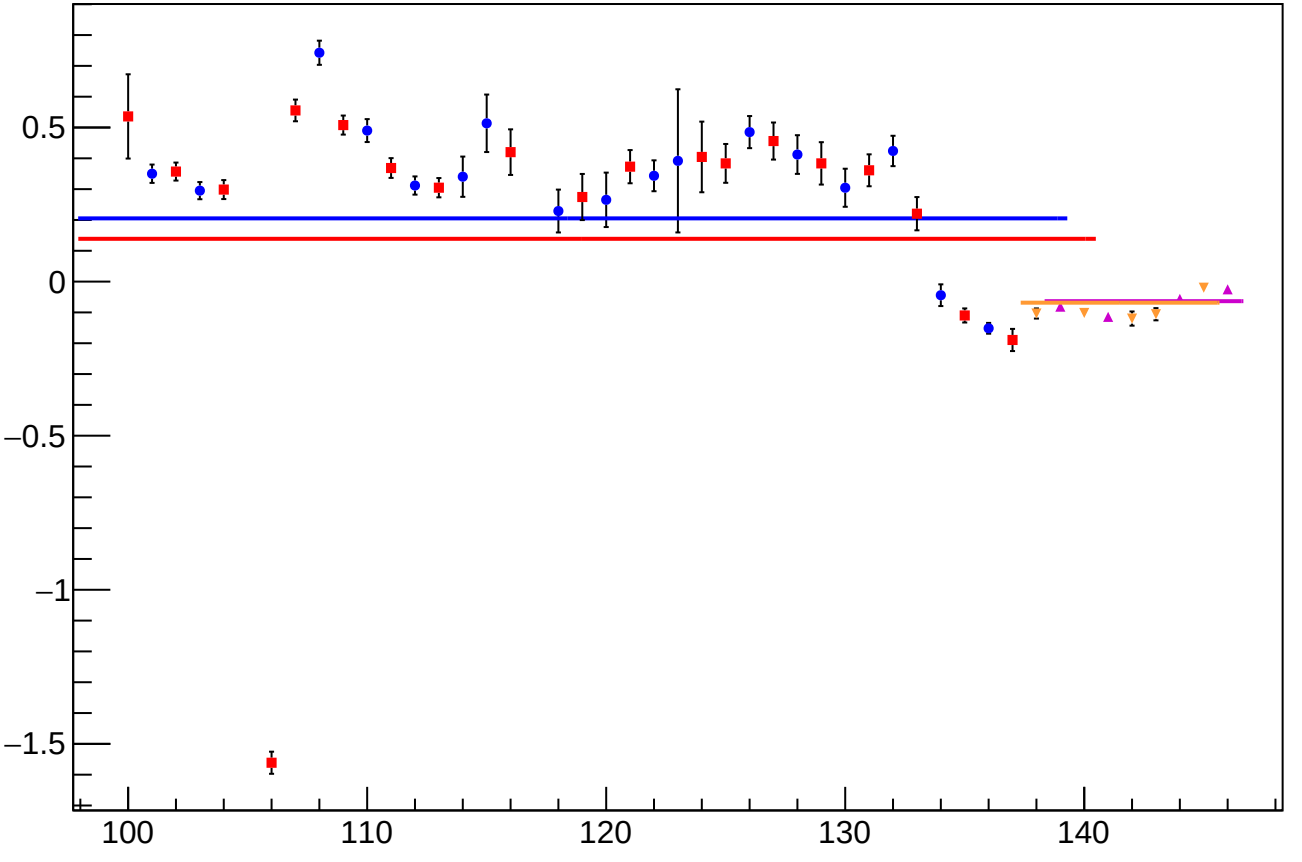
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 19.450+/-0.108 χ^2/NDF:9413.3/20

Out: 19.587+/-0.111 χ^2/NDF:10055.4/23

All: 19.516+/-0.077 χ^2/NDF: 19469.5/44

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: -0.068+/-0.007 χ^2/NDF:40.8/4

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.064+/-0.007 χ^2/NDF:21.5/3

Left: -0.066+/-0.005 χ^2/NDF: 62.5/8

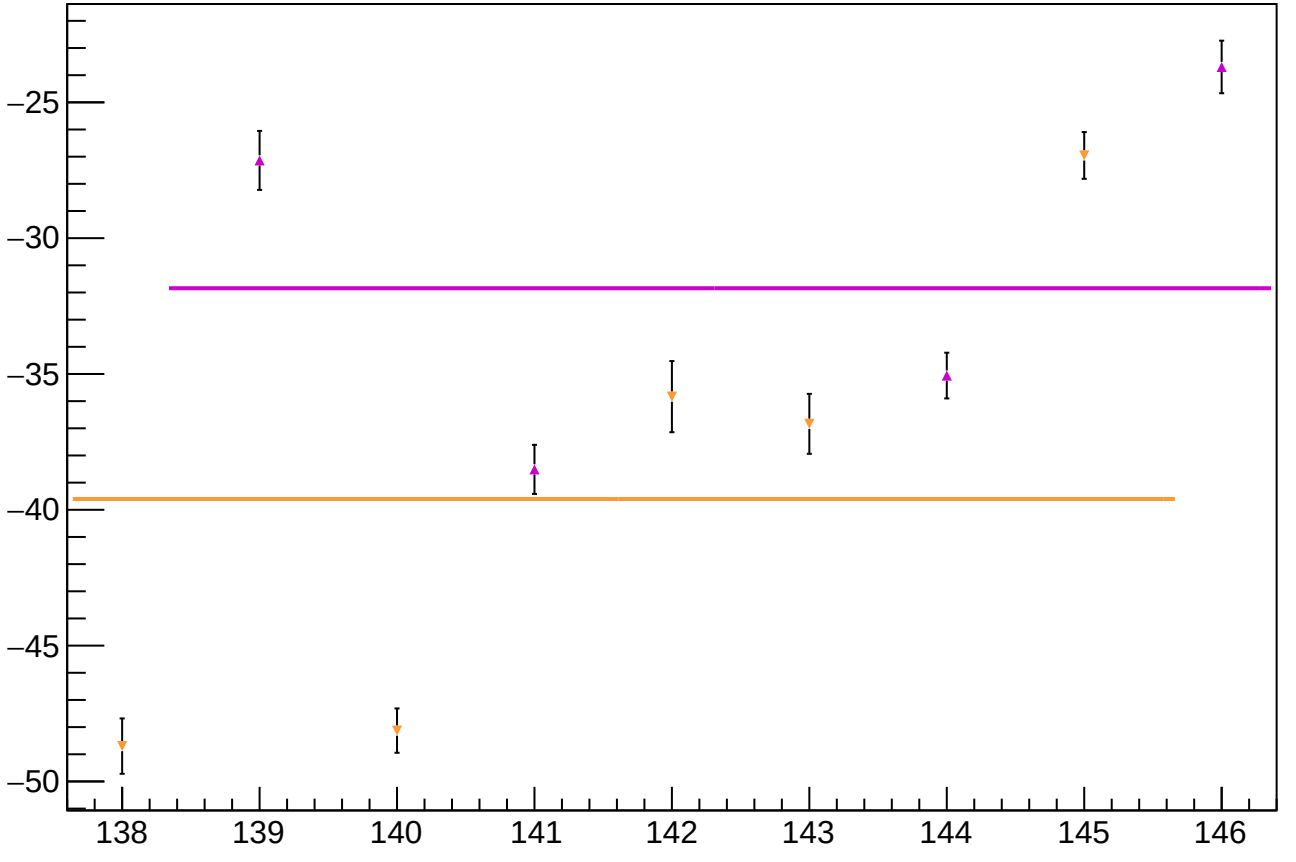
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: 0.031+/-0.006 χ^2/NDF:1402.1/20

Out: 0.004+/-0.005 χ^2/NDF:3388.9/23

All: 0.017+/-0.004 χ^2/NDF: 4803.3/44

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: -39.602+/-0.438 χ^2/NDF:419.2/4

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

Left In: -31.843+/-0.469 χ^2/NDF:158.7/3

Left: -35.986+/-0.320 χ^2/NDF: 724.3/8

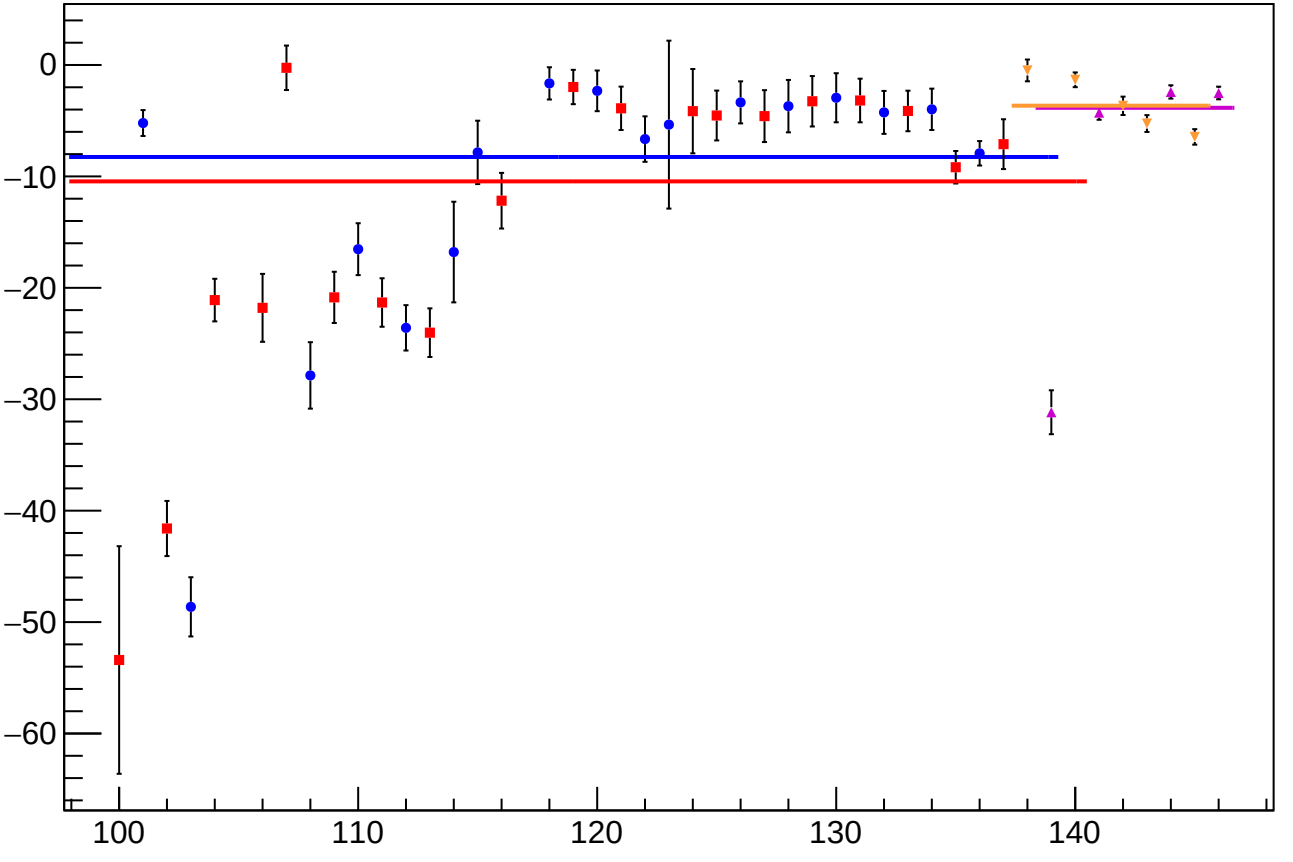
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.843+/-0.469 χ^2/NDF:158.7/3

Out: -39.602+/-0.438 χ^2/NDF:419.2/4

All: -35.986+/-0.320 χ^2/NDF: 724.3/8

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: -3.653+/-0.340 χ^2/NDF:43.6/4

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -3.843+/-0.341 χ^2/NDF:203.9/3

Left: -3.748+/-0.241 χ^2/NDF: 247.6/8

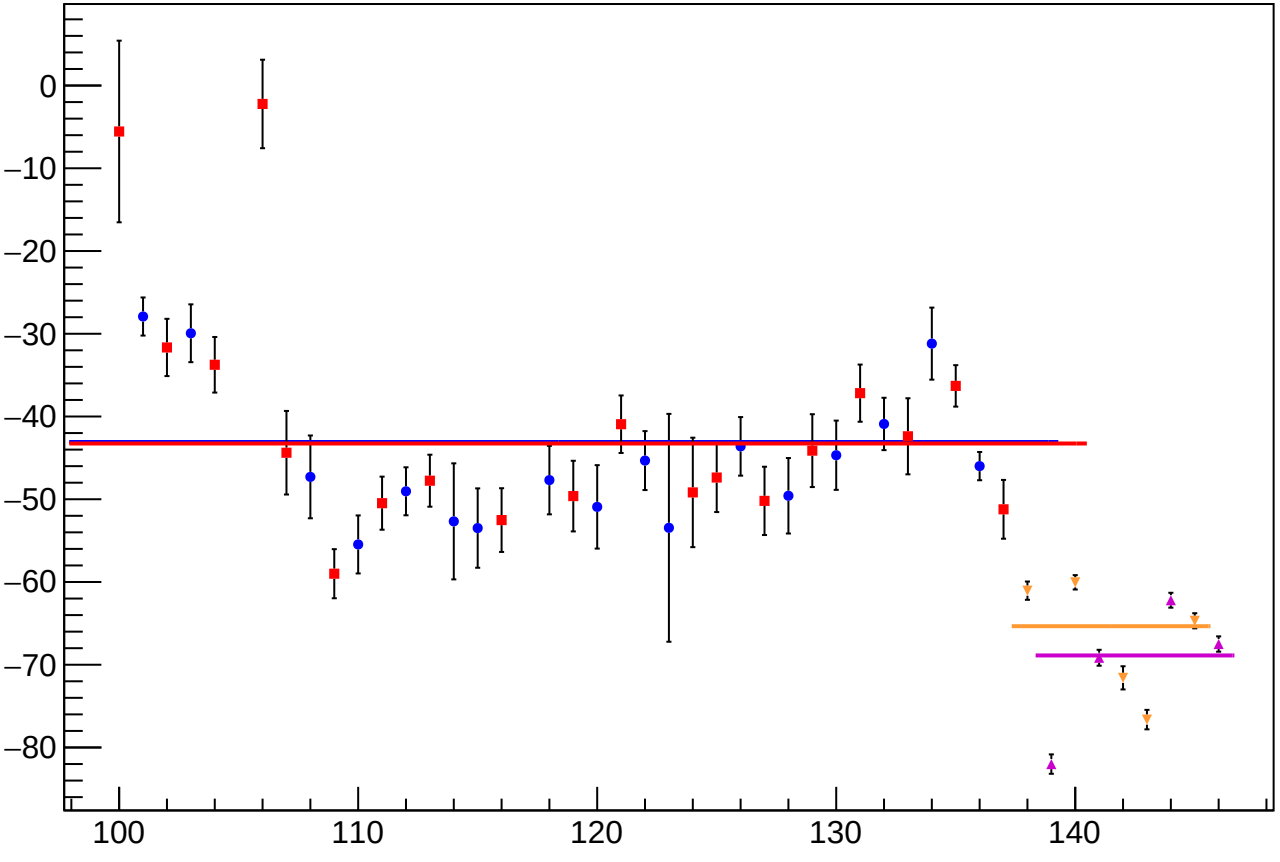
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -5.401+/-0.275 χ^2/NDF:675.0/20

Out: -5.857+/-0.280 χ^2/NDF:601.2/23

All: -5.625+/-0.196 χ^2/NDF: 1277.6/44

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: -65.344+/-0.468 χ^2/NDF:164.7/4

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -68.877+/-0.488 χ^2/NDF:182.4/3

Left: -67.038+/-0.338 χ^2/NDF: 374.4/8

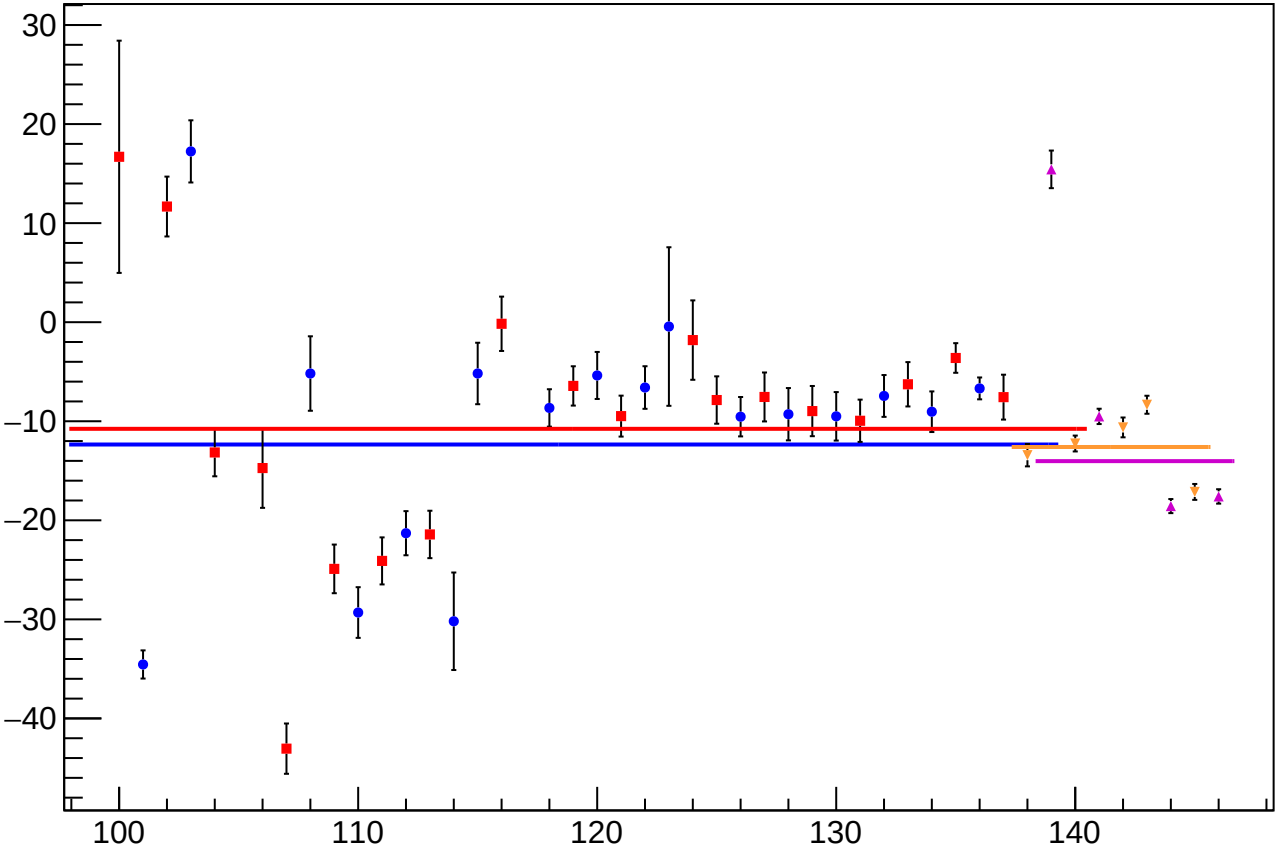
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -62.310+/-0.421 χ^2/NDF:994.2/20

Out: -60.360+/-0.412 χ^2/NDF:821.8/23

All: -61.313+/-0.294 χ^2/NDF: 1827.0/44

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: -12.599+/-0.405 χ^2/NDF:58.5/4

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -14.026+/-0.414 χ^2/NDF:339.7/3

Left: -13.296+/-0.290 χ^2/NDF: 404.3/8

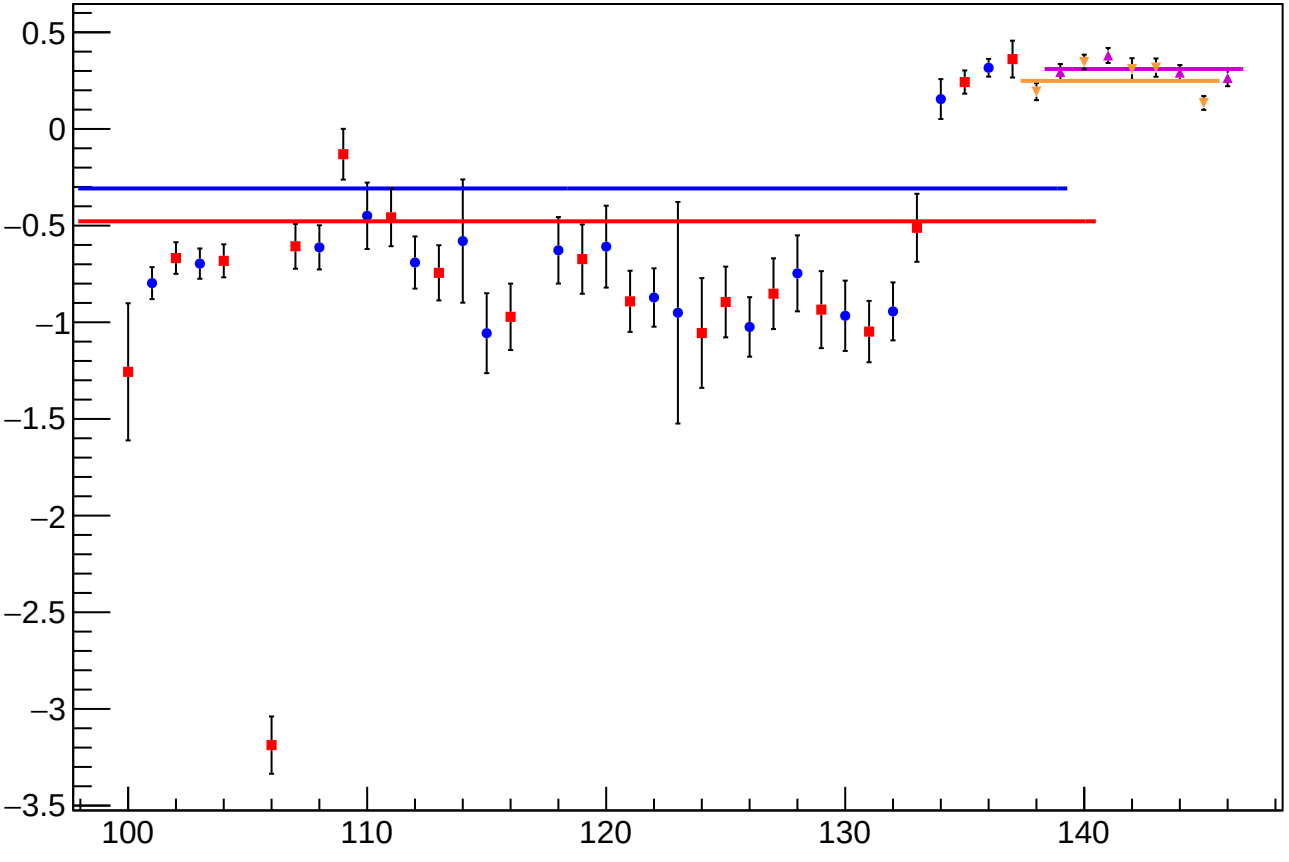
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -13.374+/-0.324 χ^2/NDF:822.0/20

Out: -11.960+/-0.327 χ^2/NDF:432.3/23

All: -12.673+/-0.230 χ^2/NDF: 1263.8/44

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: 0.249+/-0.019 χ^2/NDF:21.7/4

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.310+/-0.020 χ^2/NDF:4.8/3

Left: 0.278+/-0.014 χ^2/NDF: 31.3/8

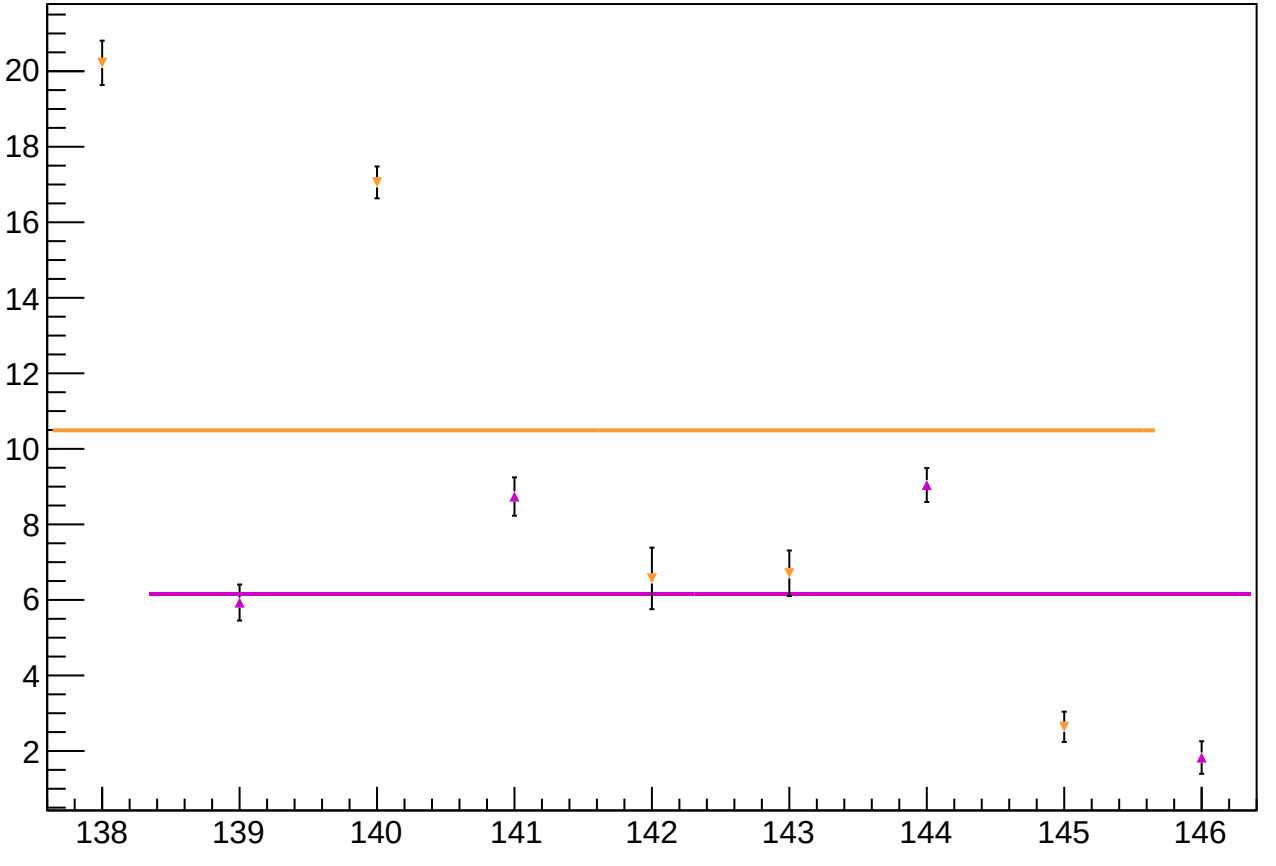
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.093+/-0.016 χ^2/NDF:704.1/20

Out: 0.024+/-0.016 χ^2/NDF:1101.3/23

All: 0.058+/-0.011 χ^2/NDF: 1814.4/44

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: 10.490+/-0.230 χ^2/NDF:961.2/4

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

Left In: 6.157+/-0.232 χ^2/NDF:168.1/3

Left: 8.345+/-0.163 χ^2/NDF: 1305.6/8

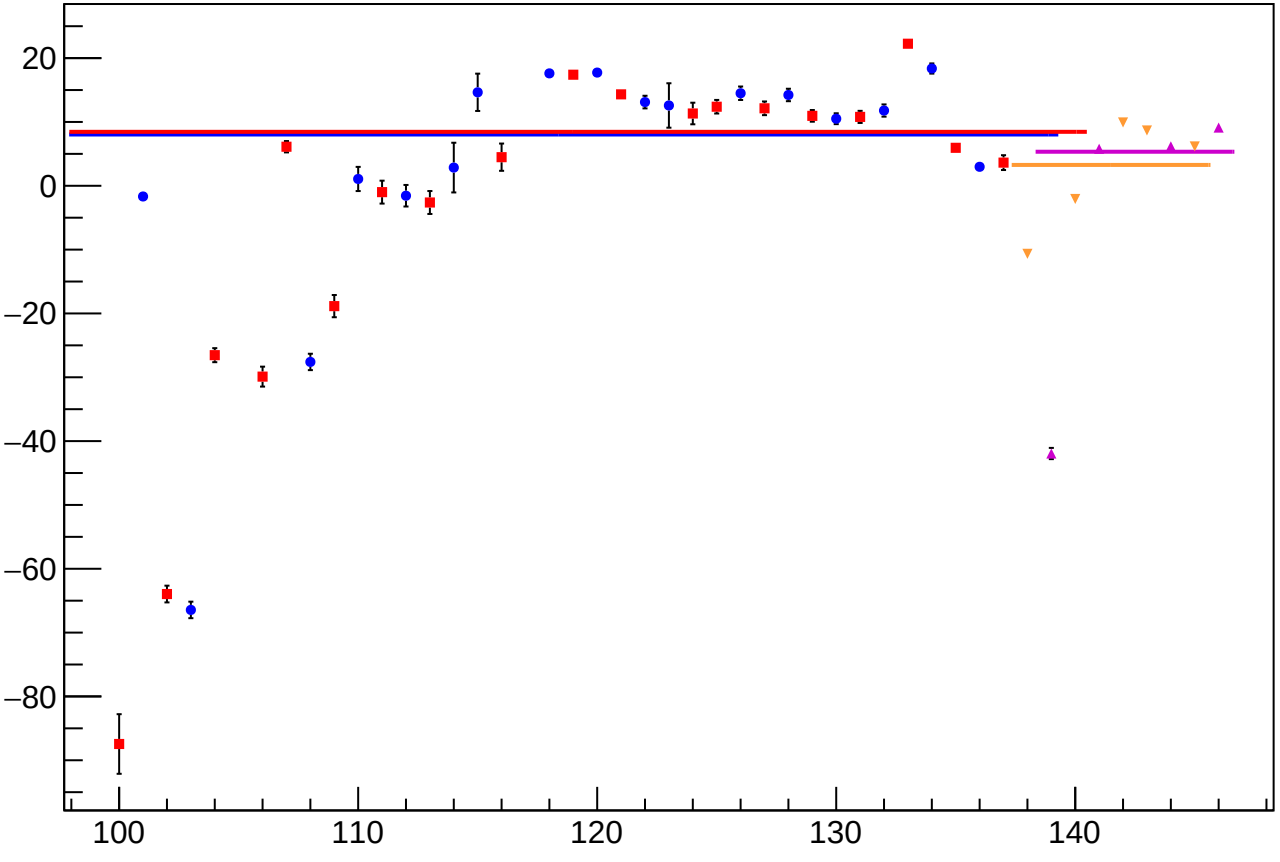
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 6.157+/-0.232 χ^2/NDF:168.1/3

Out: 10.490+/-0.230 χ^2/NDF:961.2/4

All: 8.345+/-0.163 χ^2/NDF: 1305.6/8

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: 3.267+/-0.183 χ^2/NDF:1188.9/4

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 5.335+/-0.178 χ^2/NDF:3085.0/3

Left: 4.332+/-0.128 χ^2/NDF: 4339.3/8

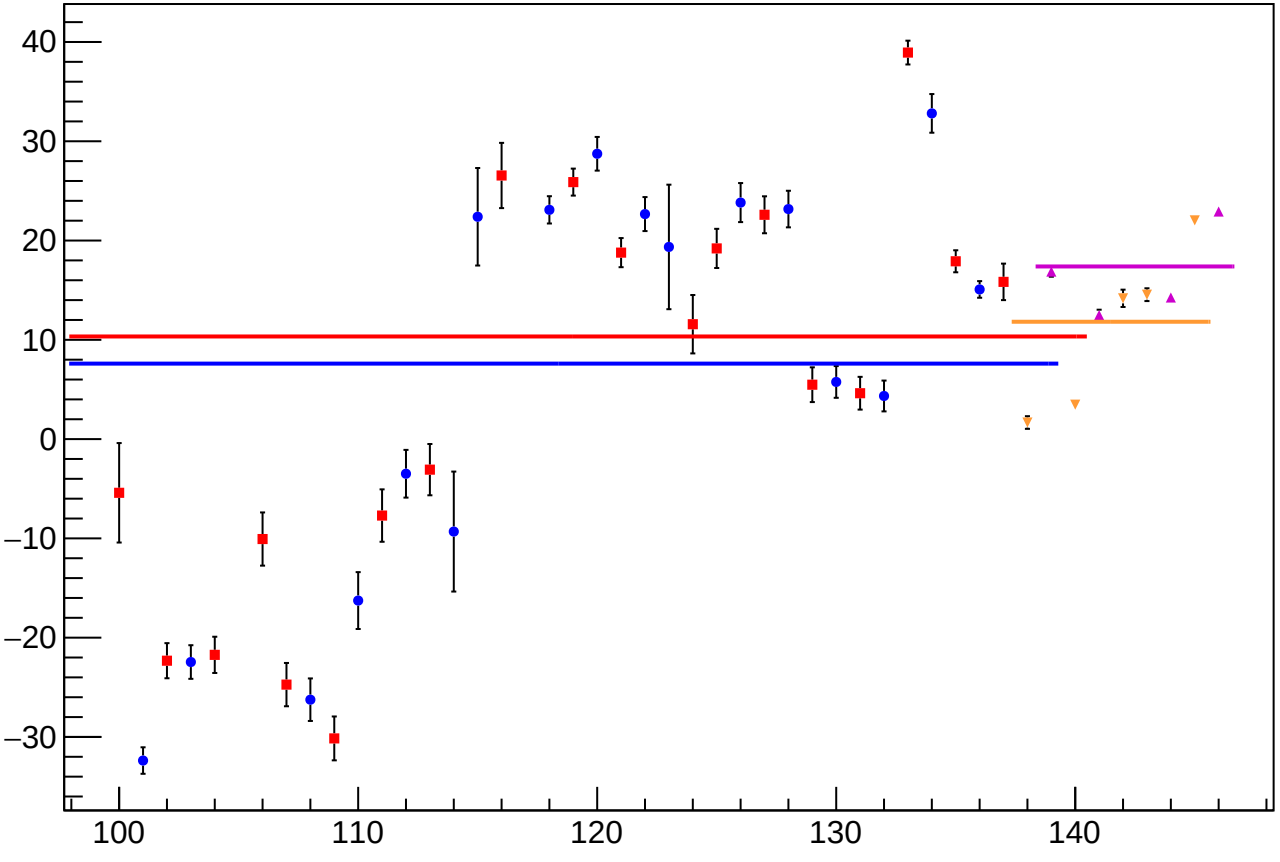
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 6.433+/-0.137 χ^2/NDF:8547.9/20

Out: 5.472+/-0.139 χ^2/NDF:8233.1/23

All: 5.959+/-0.098 χ^2/NDF: 16805.2/44

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 11.821+/-0.245 χ^2/NDF:1202.1/4

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 17.390+/-0.240 χ^2/NDF:303.6/3

Left: 14.659+/-0.171 χ^2/NDF: 1769.3/8

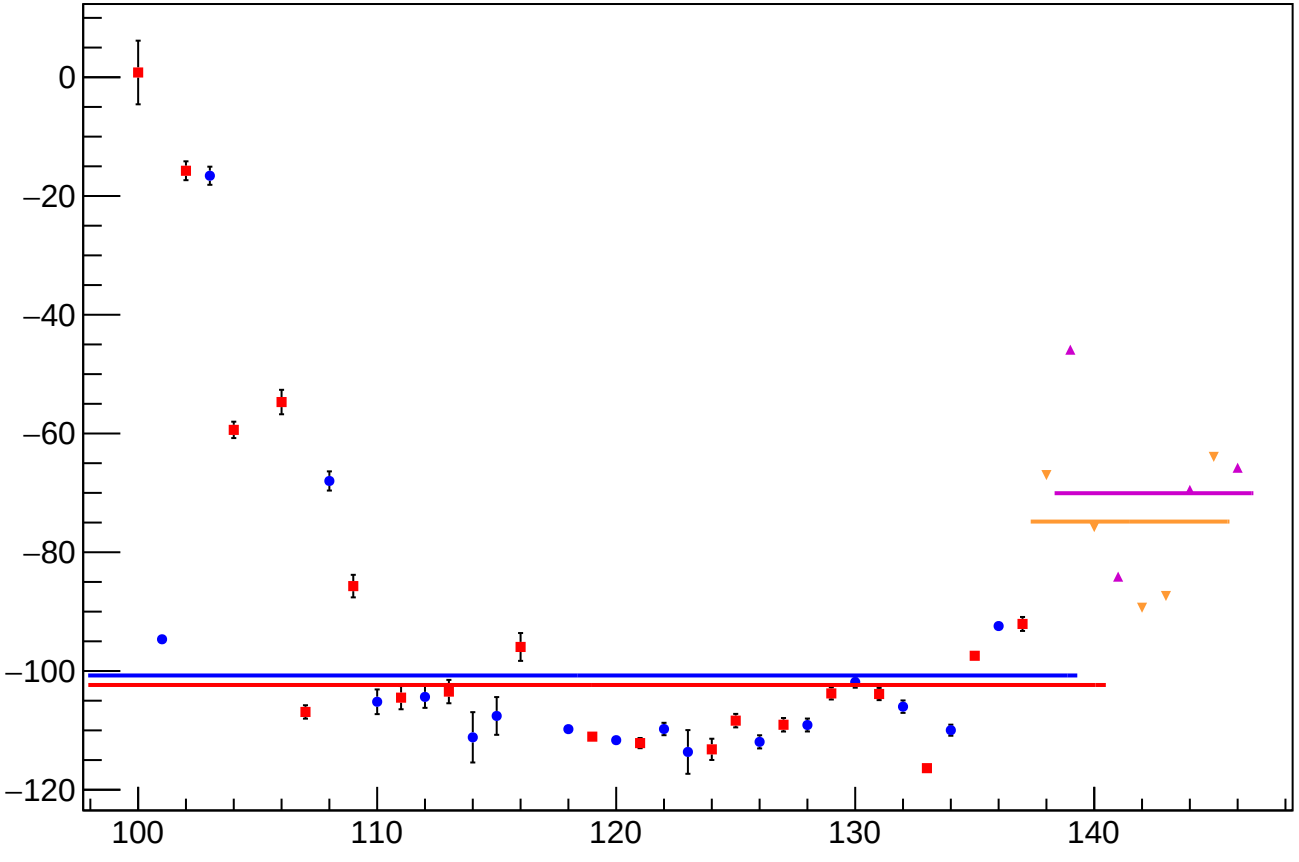
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 14.941+/-0.208 χ^2/NDF:3043.9/20

Out: 11.440+/-0.211 χ^2/NDF:3493.4/23

All: 13.217+/-0.148 χ^2/NDF: 6676.9/44

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: -74.833+/-0.217 χ^2/NDF:2131.8/4

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -70.055+/-0.213 χ^2/NDF:2009.0/3

Left: -72.405+/-0.152 χ^2/NDF: 4388.0/8

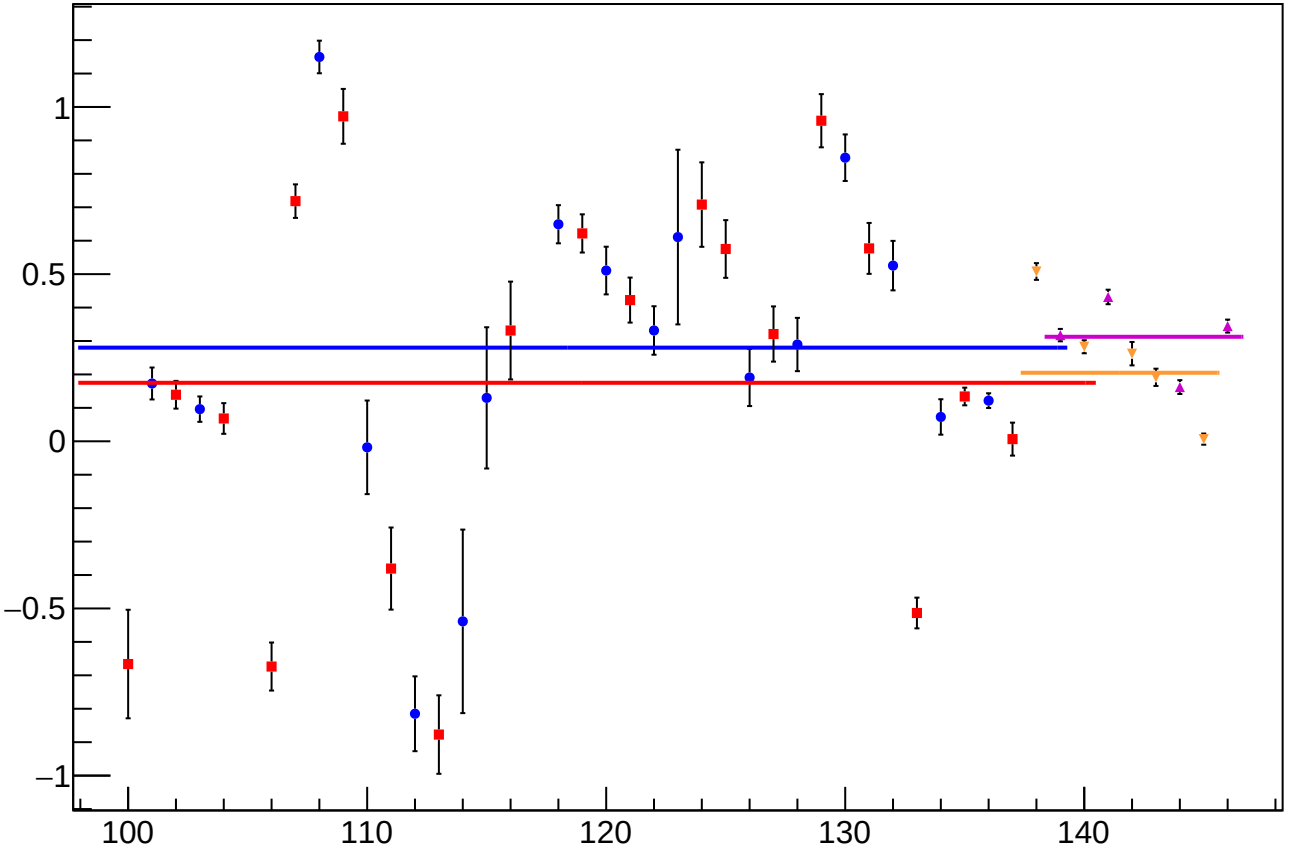
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -83.093+/-0.162 χ^2/NDF:15345.0/20

Out: -86.839+/-0.163 χ^2/NDF:15253.5/23

All: -84.955+/-0.115 χ^2/NDF: 30865.4/44

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: 0.205+/-0.010 χ^2/NDF:307.4/4

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.313+/-0.010 χ^2/NDF:85.5/3

Left: 0.258+/-0.007 χ^2/NDF: 451.3/8

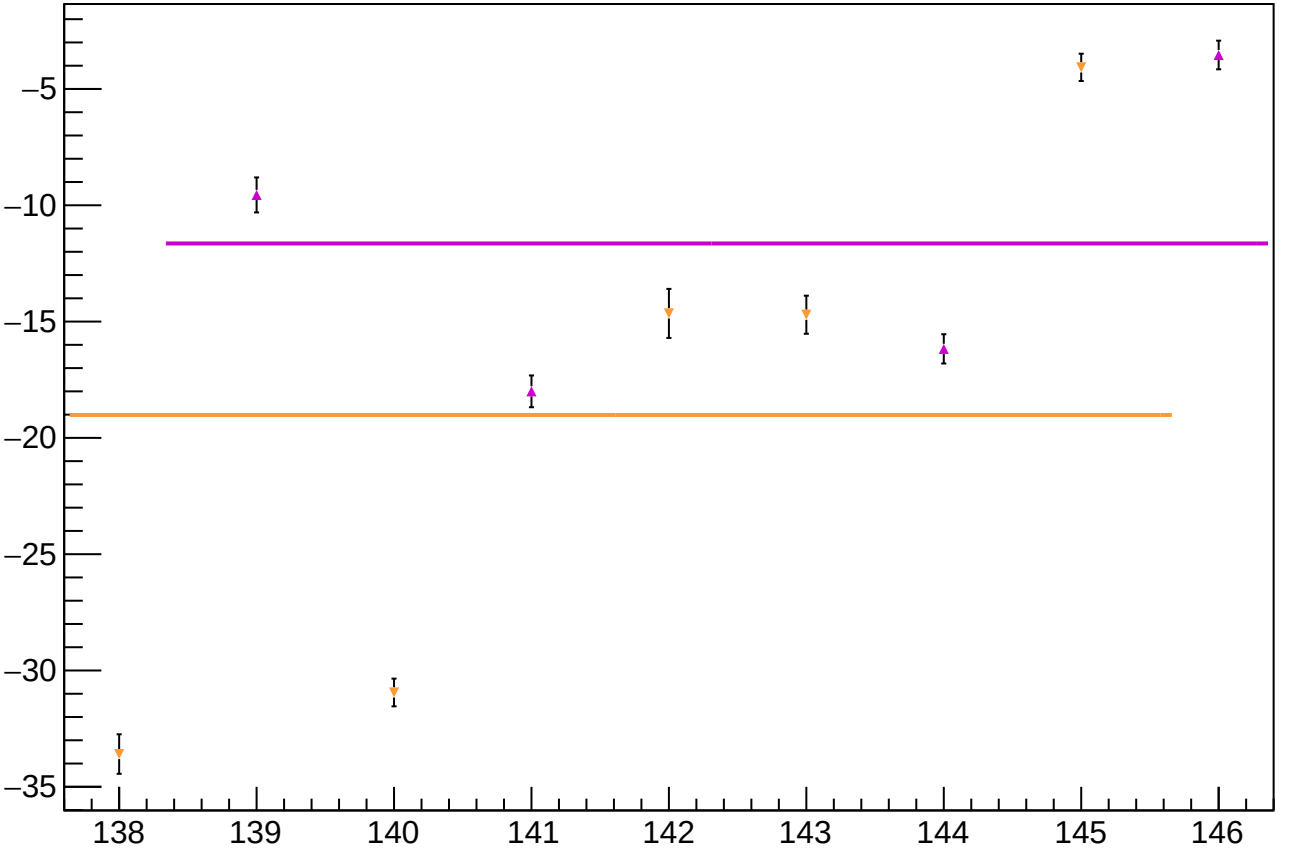
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.301+/-0.008 χ^2/NDF:745.3/20

Out: 0.194+/-0.008 χ^2/NDF:1277.3/23

All: 0.247+/-0.006 χ^2/NDF: 2111.3/44

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: -19.015+/-0.324 χ^2/NDF:1389.0/4

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

Left In: -11.642+/-0.332 χ^2/NDF:319.6/3

Left: -15.412+/-0.232 χ^2/NDF: 1961.0/8

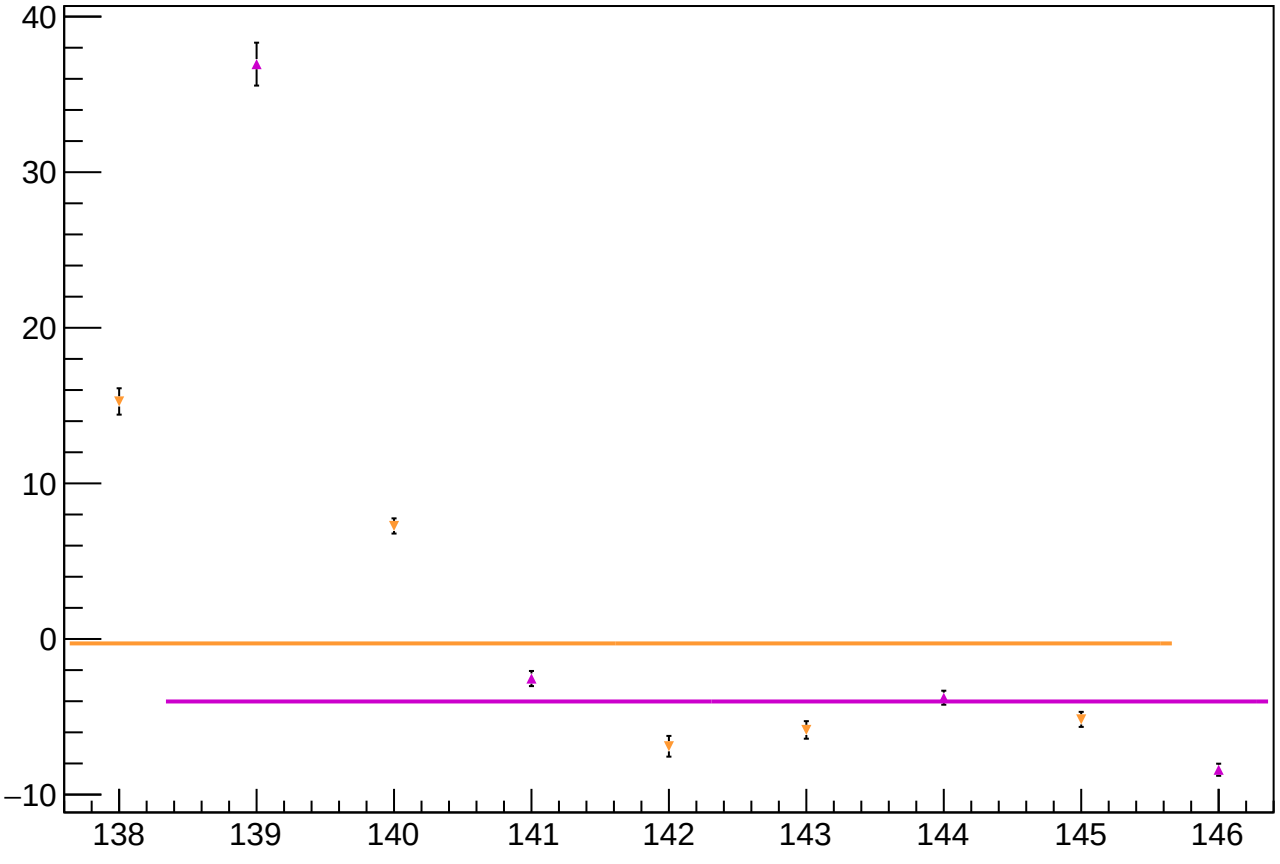
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.642+/-0.332 χ^2/NDF:319.6/3

Out: -19.015+/-0.324 χ^2/NDF:1389.0/4

All: -15.412+/-0.232 χ^2/NDF: 1961.0/8

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: -0.285+/-0.256 χ^2/NDF:873.3/4

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

Left In: -4.016+/-0.248 χ^2/NDF:1018.7/3

Left: -2.211+/-0.178 χ^2/NDF: 2001.7/8

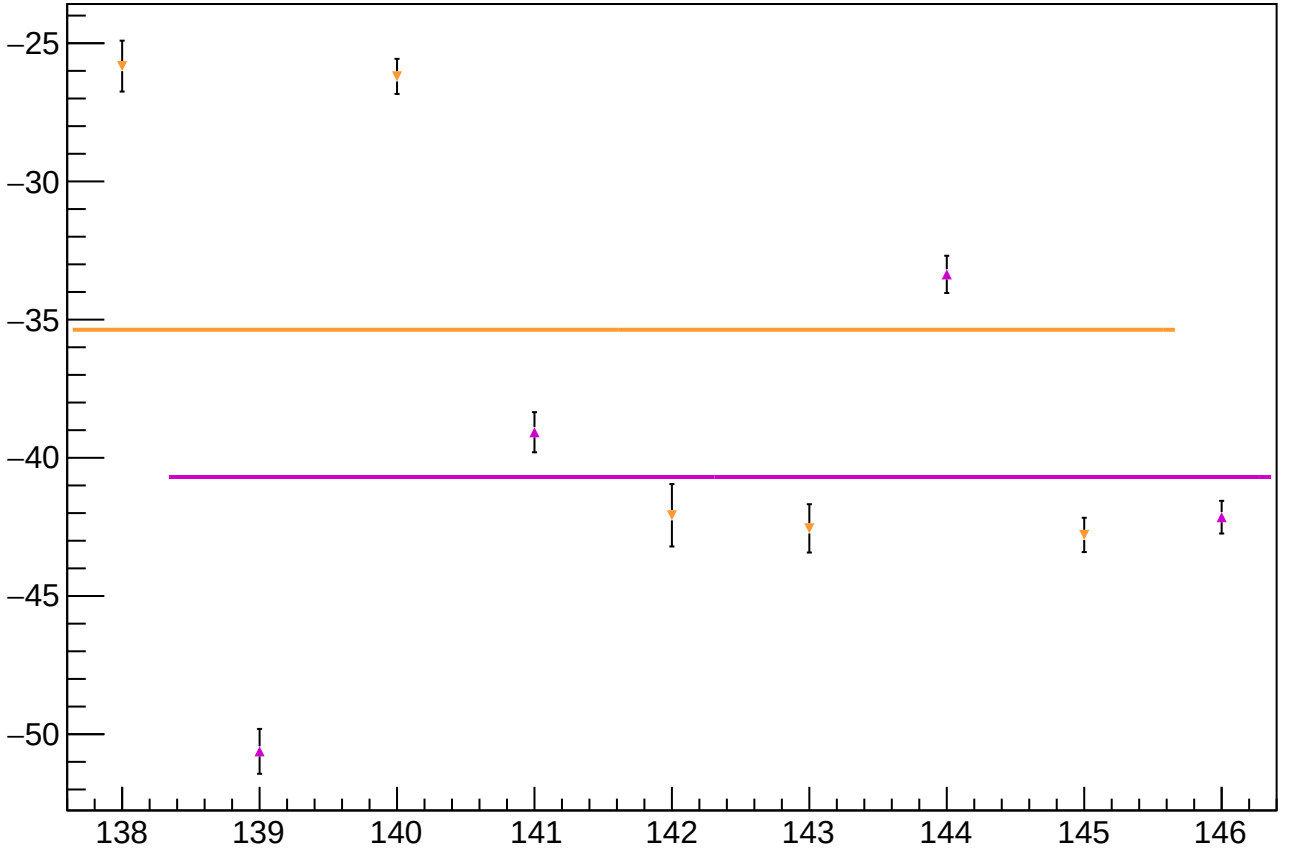
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.016+/-0.248 χ^2/NDF:1018.7/3

Out: -0.285+/-0.256 χ^2/NDF:873.3/4

All: -2.211+/-0.178 χ^2/NDF: 2001.7/8

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: -35.366+/-0.346 χ^2/NDF:562.1/4

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

Left In: -40.694+/-0.343 χ^2/NDF:278.7/3

Left: -38.049+/-0.244 χ^2/NDF: 960.2/8

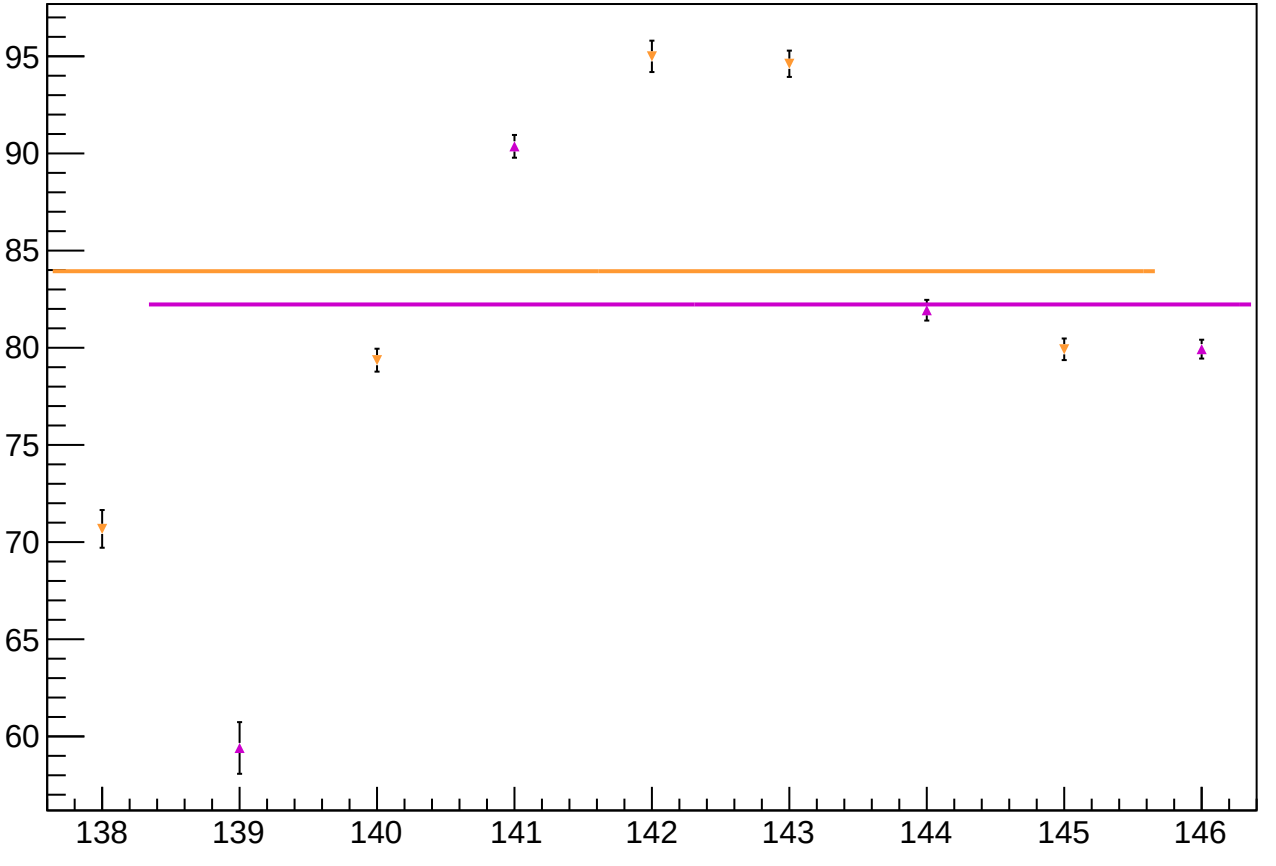
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.694+/-0.343 χ^2/NDF:278.7/3

Out: -35.366+/-0.346 χ^2/NDF:562.1/4

All: -38.049+/-0.244 χ^2/NDF: 960.2/8

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 83.940+/-0.303 χ^2/NDF:735.4/4

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

Left In: 82.229+/-0.298 χ^2/NDF:510.5/3

Left: 83.070+/-0.212 χ^2/NDF: 1262.1/8

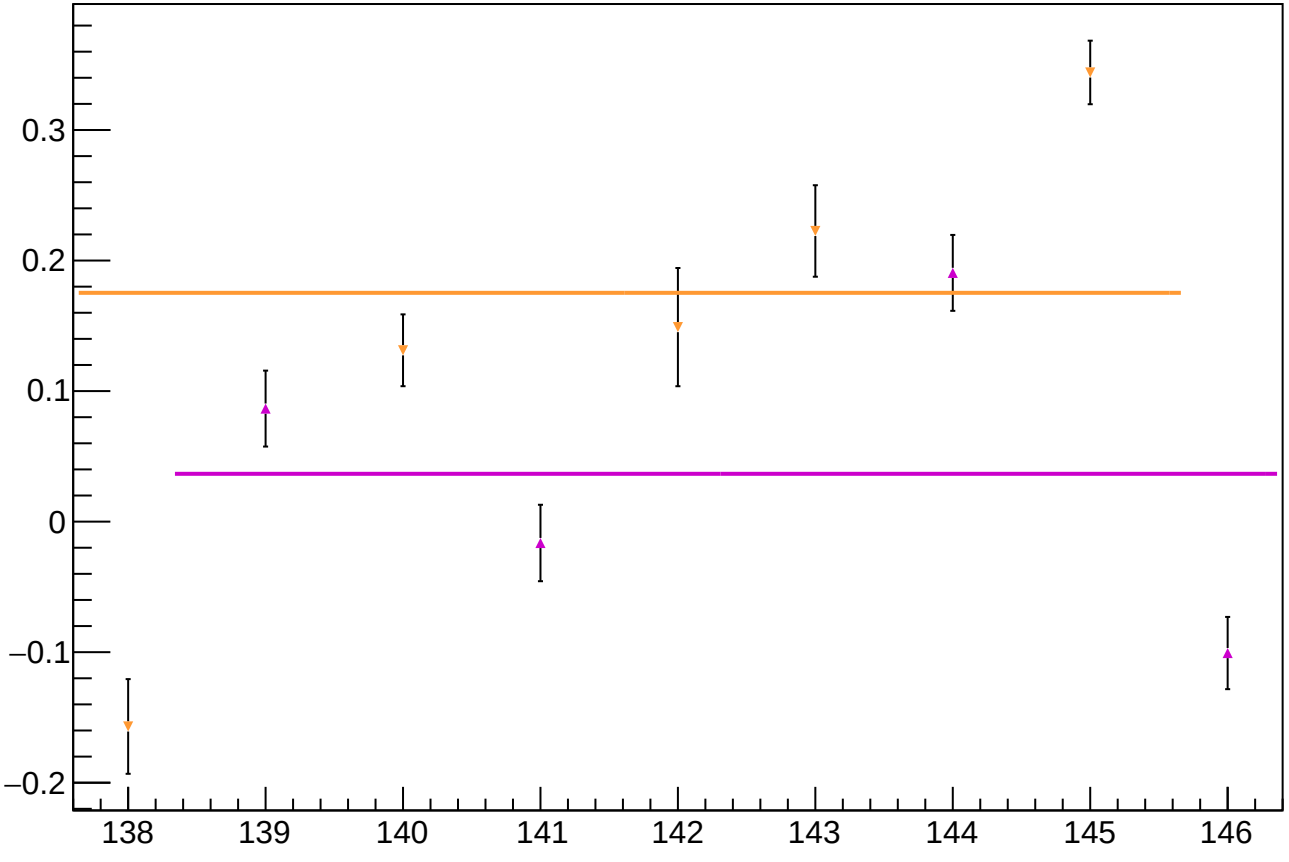
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.229+/-0.298 χ^2/NDF:510.5/3

Out: 83.940+/-0.303 χ^2/NDF:735.4/4

All: 83.070+/-0.212 χ^2/NDF: 1262.1/8

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: 0.175+/-0.014 χ^2/NDF:136.7/4

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

Left In: 0.037+/-0.014 χ^2/NDF:58.9/3

Left: 0.108+/-0.010 χ^2/NDF: 243.2/8

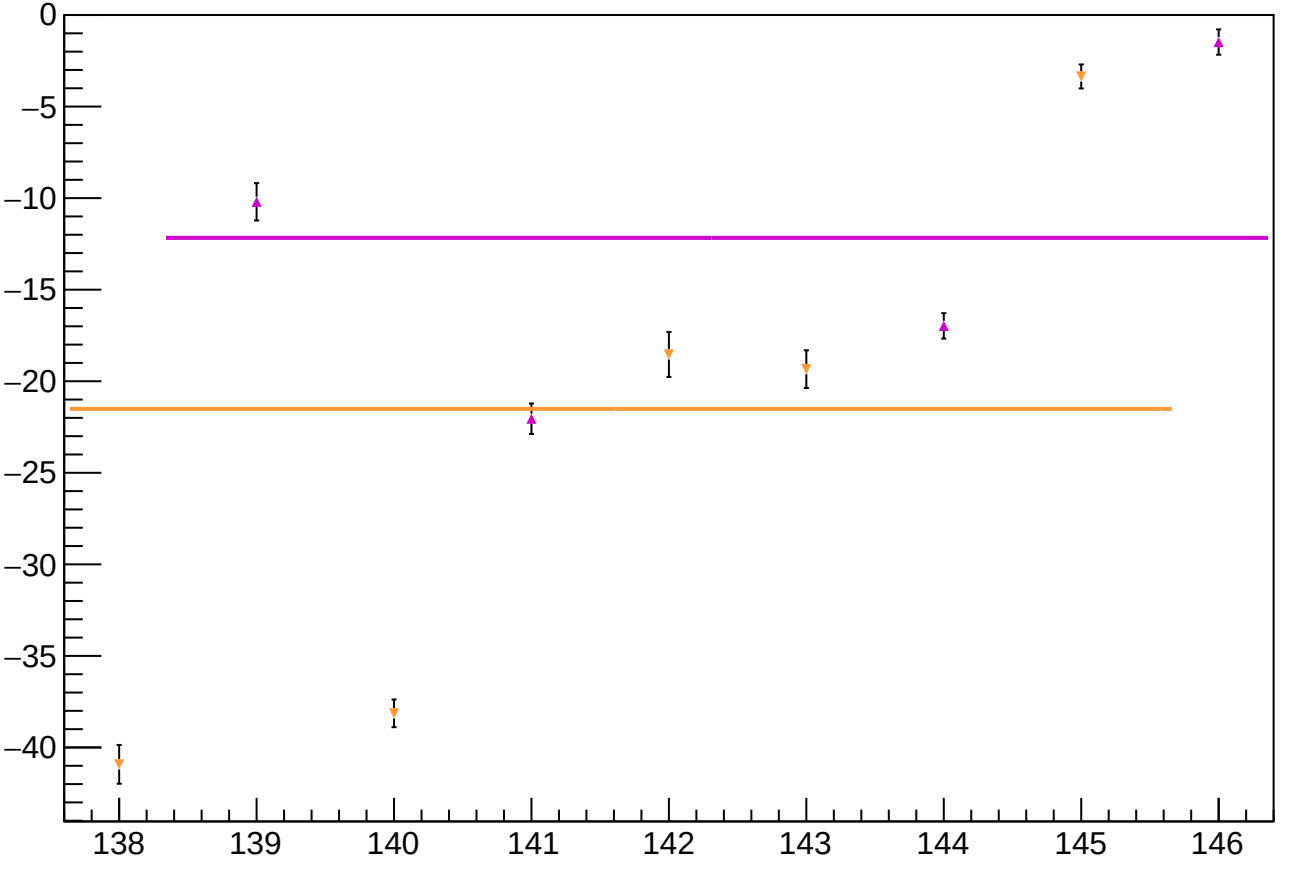
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.037+/-0.014 χ^2/NDF:58.9/3

Out: 0.175+/-0.014 χ^2/NDF:136.7/4

All: 0.108+/-0.010 χ^2/NDF: 243.2/8

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: -21.509+/-0.390 χ^2/NDF:1597.7/4

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

Left In: -12.171+/-0.390 χ^2/NDF:430.9/3

Left: -16.843+/-0.276 χ^2/NDF: 2315.0/8

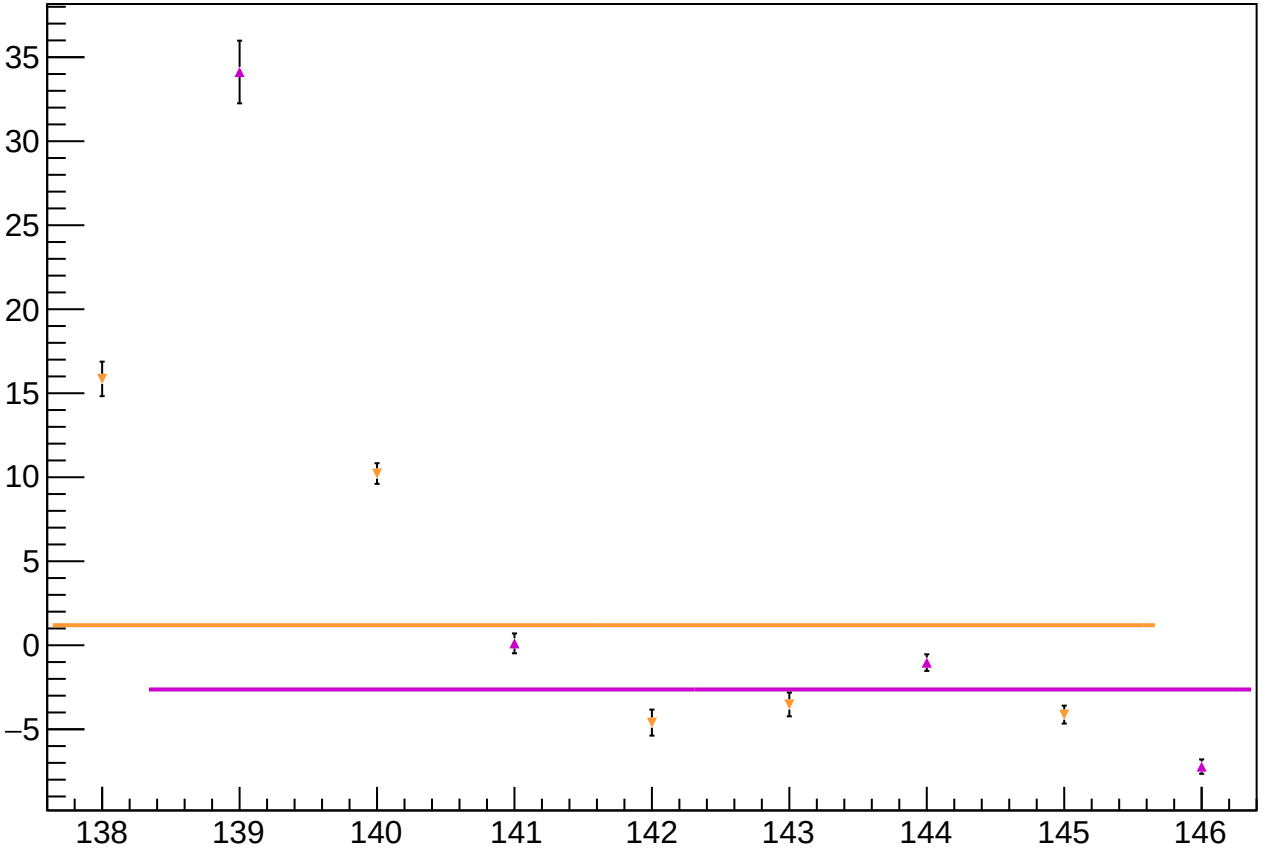
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.171+/-0.390 χ^2/NDF:430.9/3

Out: -21.509+/-0.390 χ^2/NDF:1597.7/4

All: -16.843+/-0.276 χ^2/NDF: 2315.0/8

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 1.194+/-0.305 χ^2/NDF:619.5/4

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

Left In: -2.632+/-0.281 χ^2/NDF:534.9/3

Left: -0.874+/-0.206 χ^2/NDF: 1239.7/8

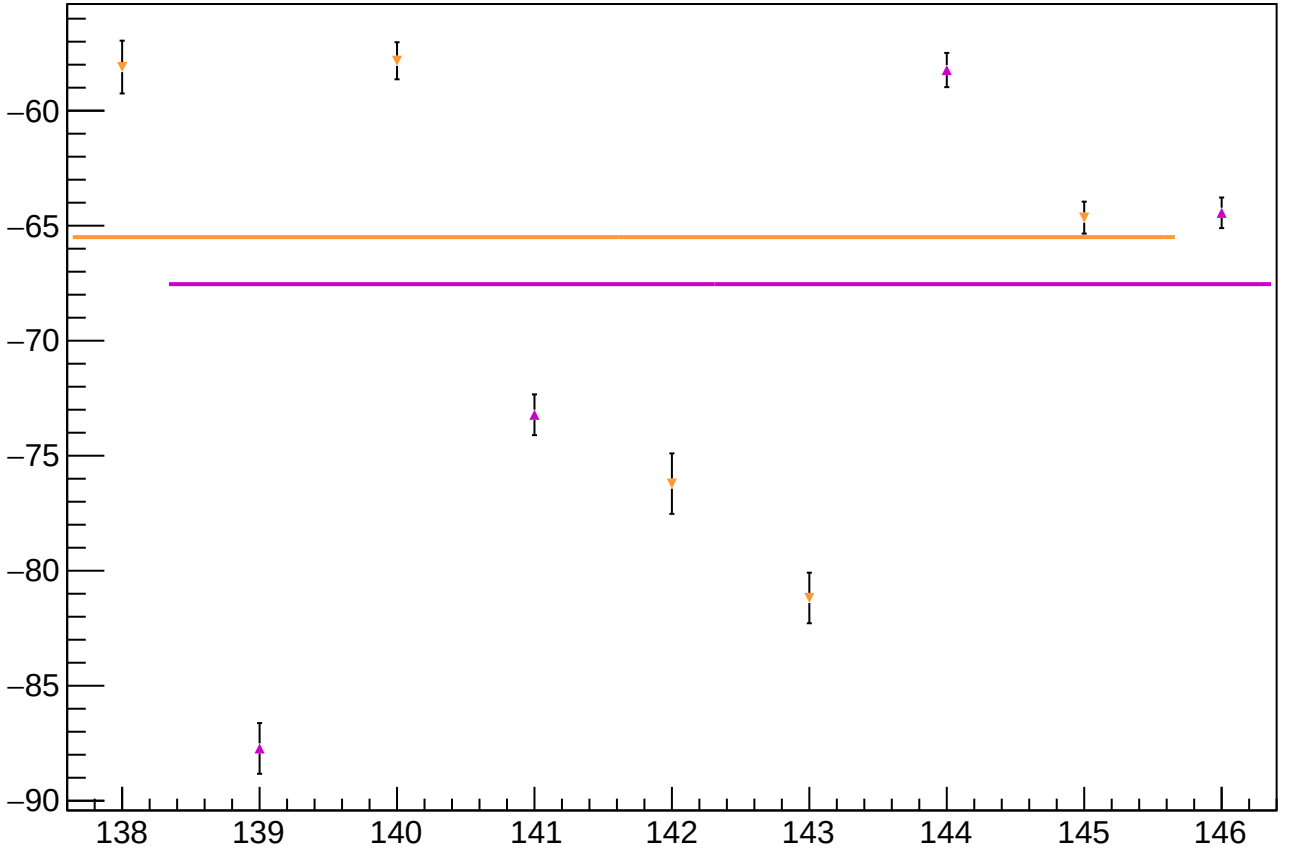
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.632+/-0.281 χ^2/NDF:534.9/3

Out: 1.194+/-0.305 χ^2/NDF:619.5/4

All: -0.874+/-0.206 χ^2/NDF: 1239.7/8

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -65.497+/-0.416 χ^2/NDF:403.7/4

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

Left In: -67.541+/-0.403 χ^2/NDF:555.0/3

Left: -66.552+/-0.289 χ^2/NDF: 971.2/8

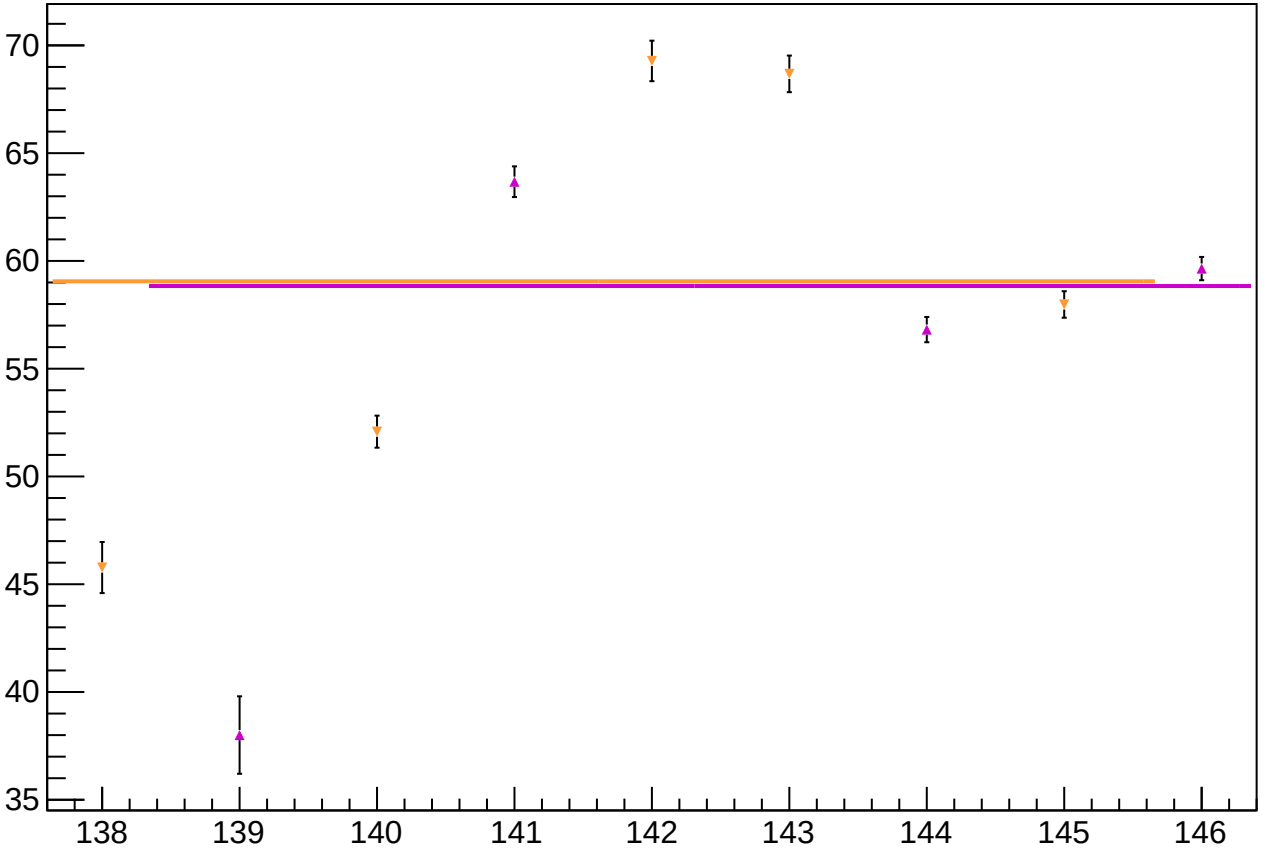
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -67.541+/-0.403 χ^2/NDF:555.0/3

Out: -65.497+/-0.416 χ^2/NDF:403.7/4

All: -66.552+/-0.289 χ^2/NDF: 971.2/8

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 59.053+/-0.361 χ^2/NDF:463.4/4

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

Left In: 58.835+/-0.341 χ^2/NDF:194.6/3

Left: 58.938+/-0.248 χ^2/NDF: 658.2/8

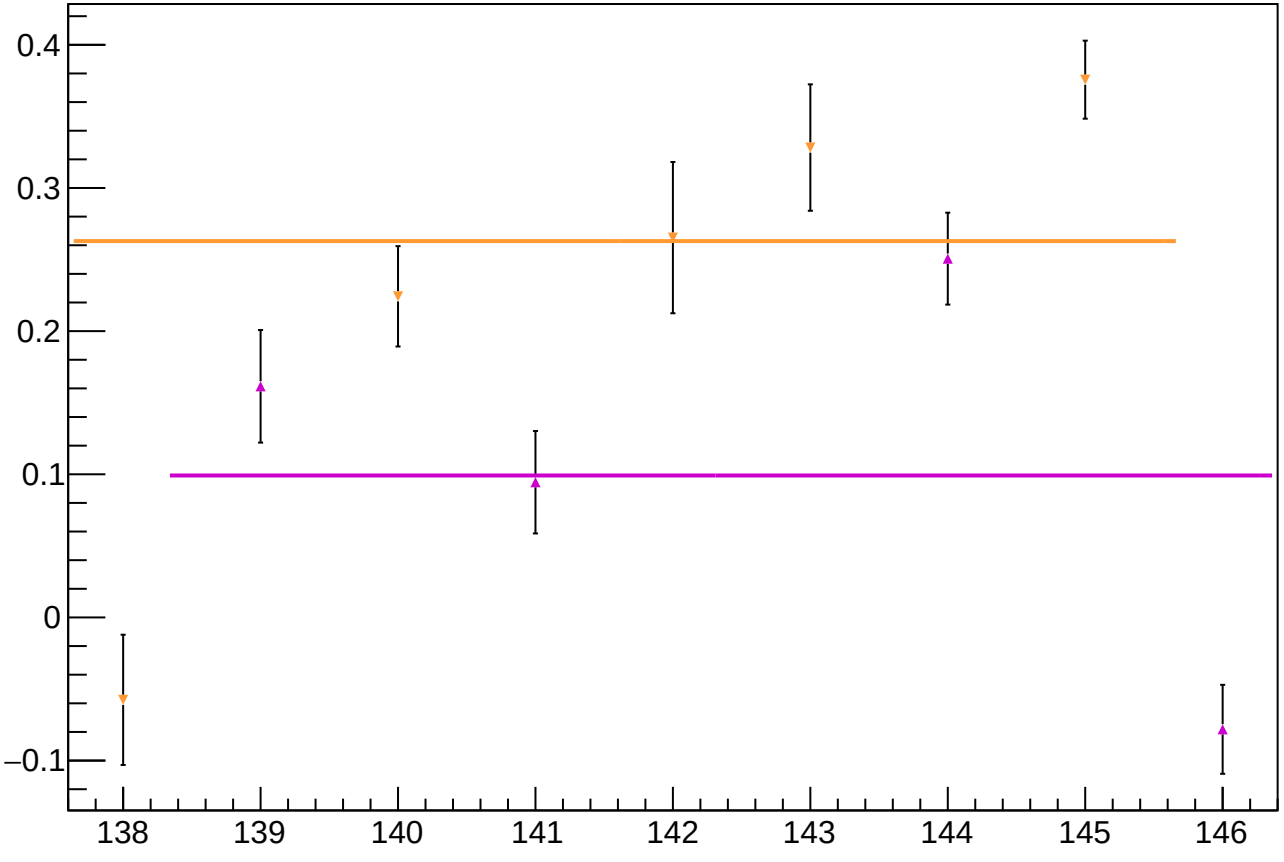
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.835+/-0.341 χ^2/NDF:194.6/3

Out: 59.053+/-0.361 χ^2/NDF:463.4/4

All: 58.938+/-0.248 χ^2/NDF: 658.2/8

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: 0.263+/-0.017 χ^2/NDF:70.1/4

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

Left In: 0.099+/-0.017 χ^2/NDF:57.3/3

Left: 0.182+/-0.012 χ^2/NDF: 174.0/8

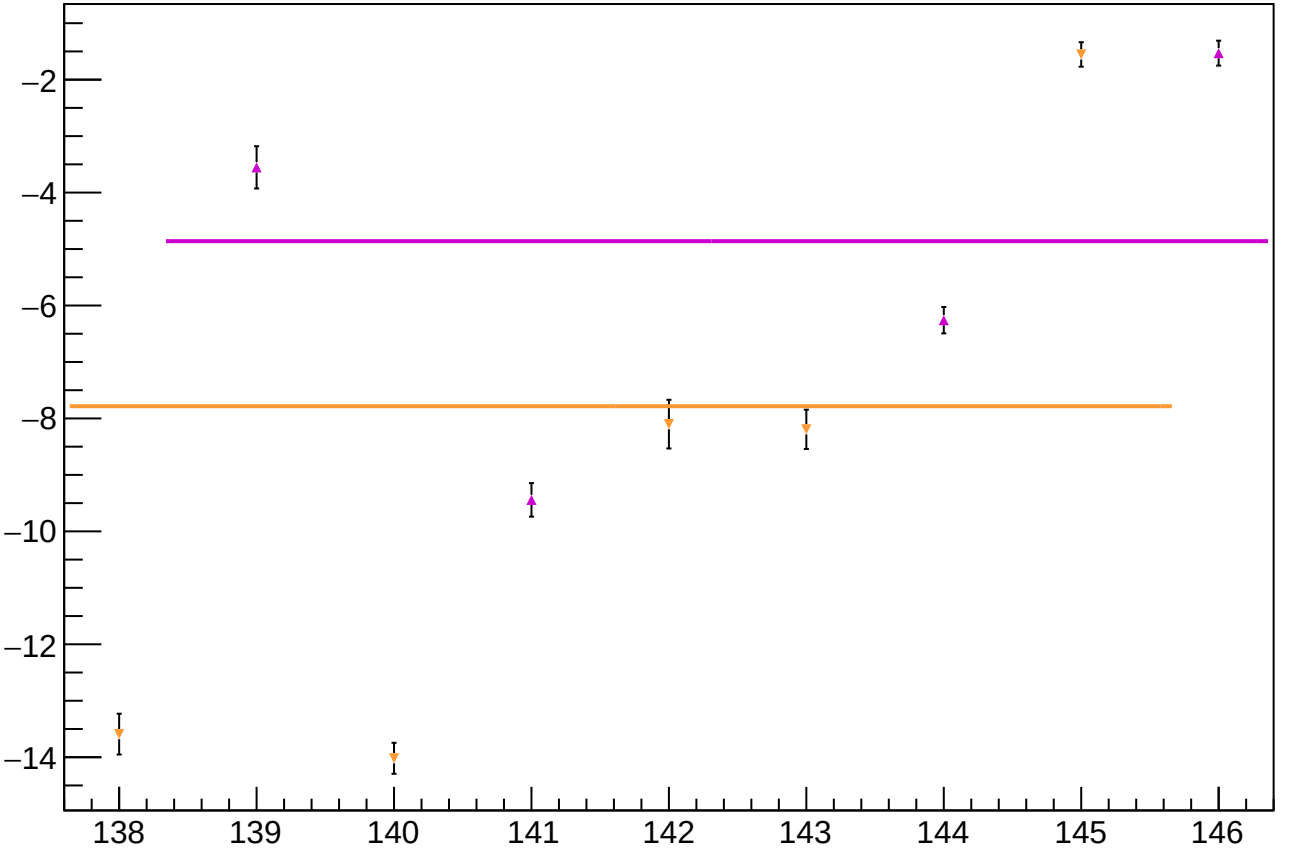
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.099+/-0.017 χ^2/NDF:57.3/3

Out: 0.263+/-0.017 χ^2/NDF:70.1/4

All: 0.182+/-0.012 χ^2/NDF: 174.0/8

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: -7.783+/-0.134 χ^2/NDF:1599.6/4

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

Left In: -4.860+/-0.132 χ^2/NDF:513.5/3

Left: -6.302+/-0.094 χ^2/NDF: 2354.5/8

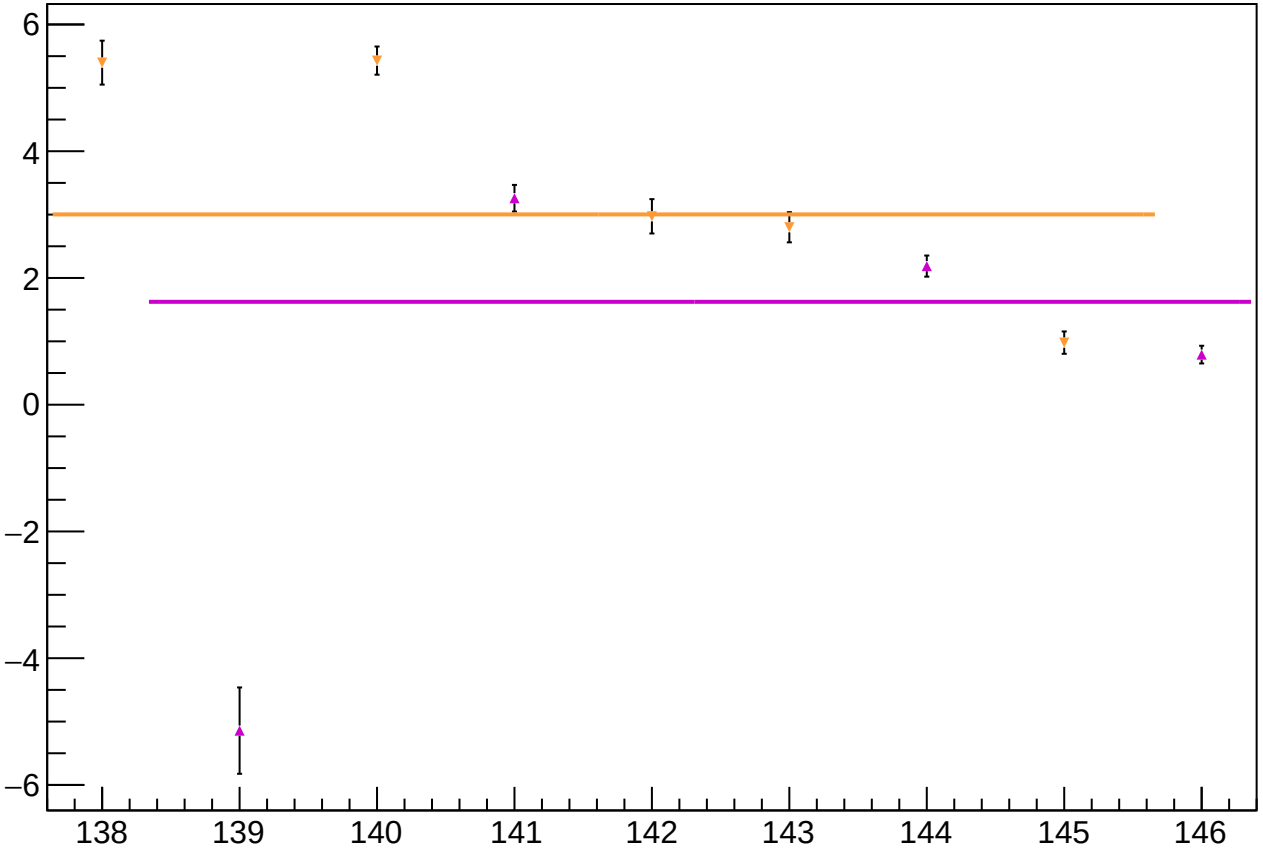
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.860+/-0.132 χ^2/NDF:513.5/3

Out: -7.783+/-0.134 χ^2/NDF:1599.6/4

All: -6.302+/-0.094 χ^2/NDF: 2354.5/8

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 3.003+/-0.104 χ^2/NDF:299.4/4

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

Left In: 1.624+/-0.094 χ^2/NDF:206.2/3

Left: 2.245+/-0.070 χ^2/NDF: 601.7/8

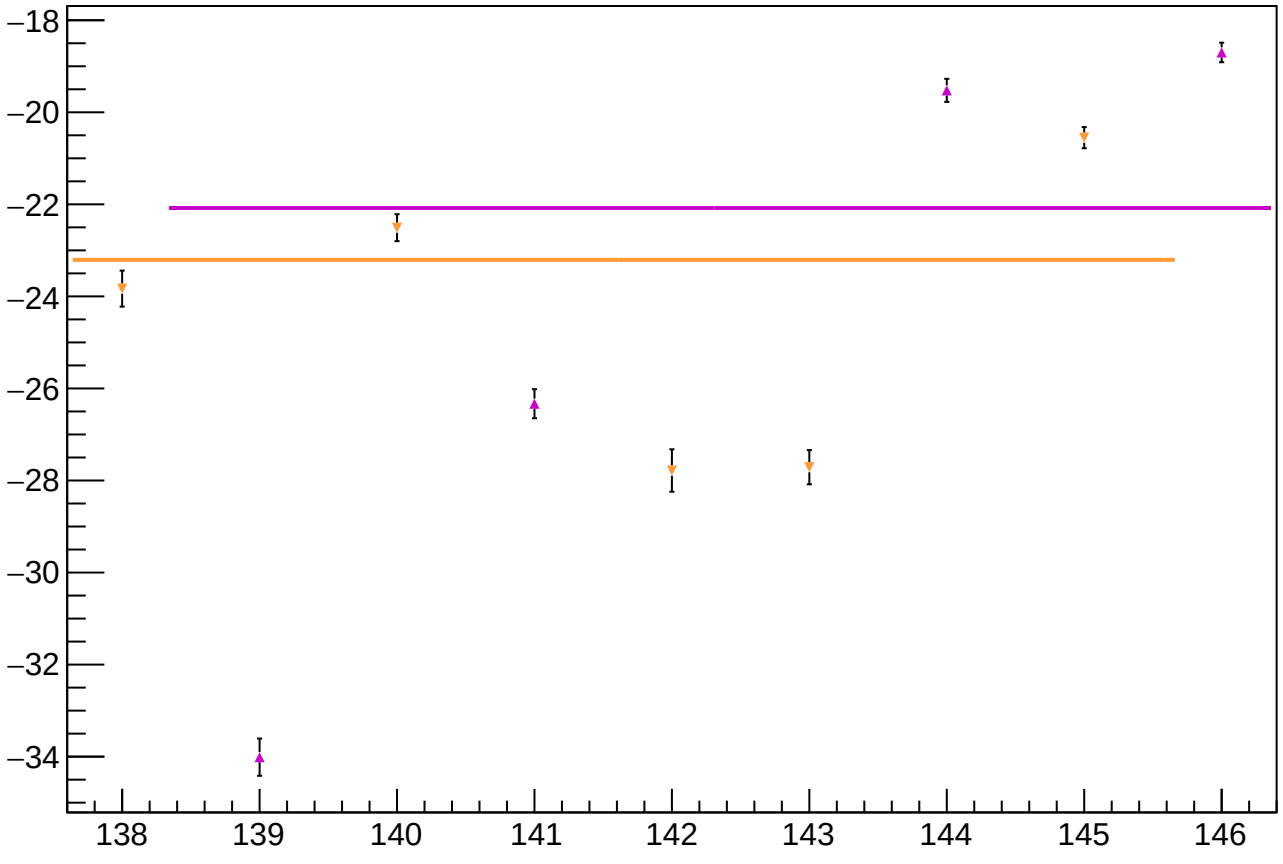
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.624+/-0.094 χ^2/NDF:206.2/3

Out: 3.003+/-0.104 χ^2/NDF:299.4/4

All: 2.245+/-0.070 χ^2/NDF: 601.7/8

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: -23.206+/-0.143 χ^2/NDF:386.4/4

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

Left In: -22.079+/-0.136 χ^2/NDF:1408.3/3

Left: -22.614+/-0.098 χ^2/NDF: 1827.4/8

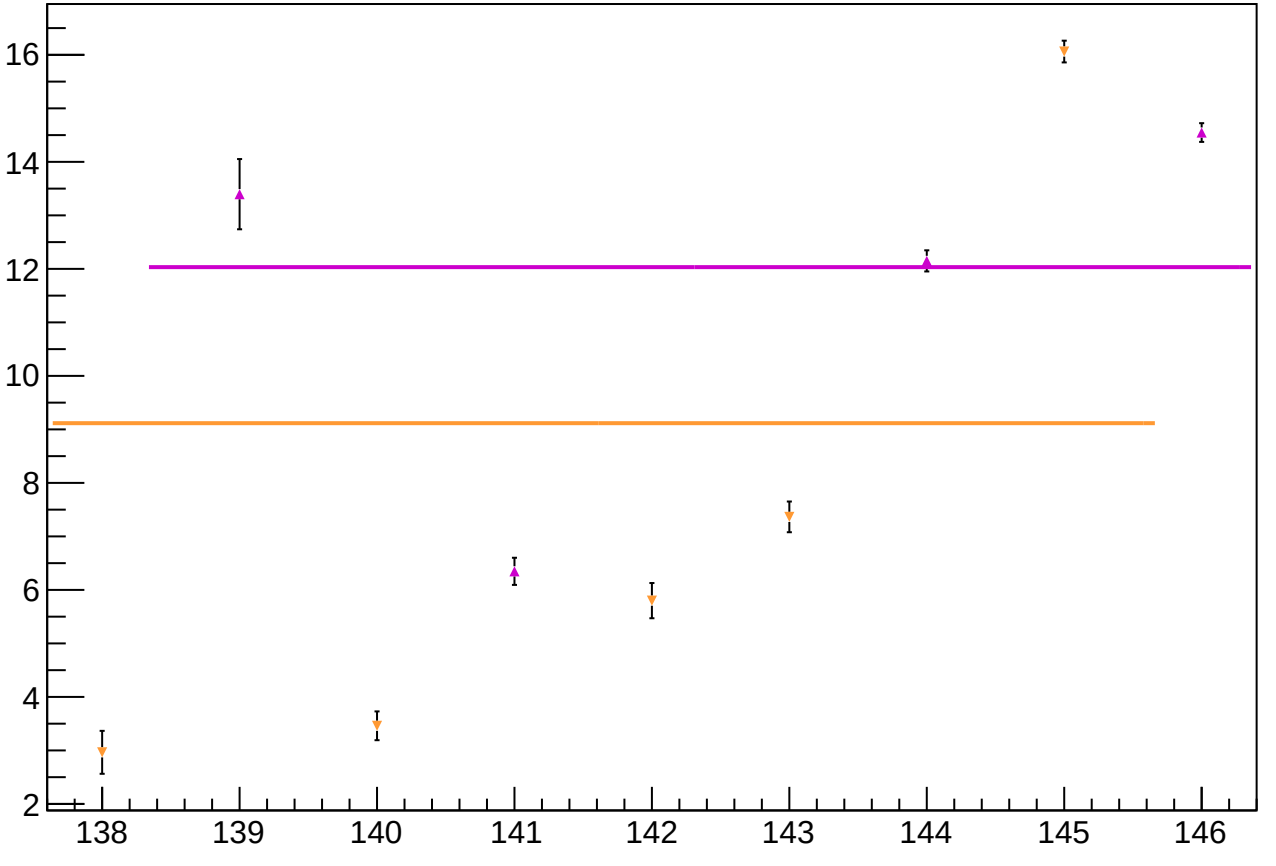
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.079+/-0.136 χ^2/NDF:1408.3/3

Out: -23.206+/-0.143 χ^2/NDF:386.4/4

All: -22.614+/-0.098 χ^2/NDF: 1827.4/8

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: 9.116+/-0.123 χ^2/NDF:1983.9/4

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

Left In: 12.033+/-0.115 χ^2/NDF:714.1/3

Left: 10.683+/-0.084 χ^2/NDF: 2997.8/8

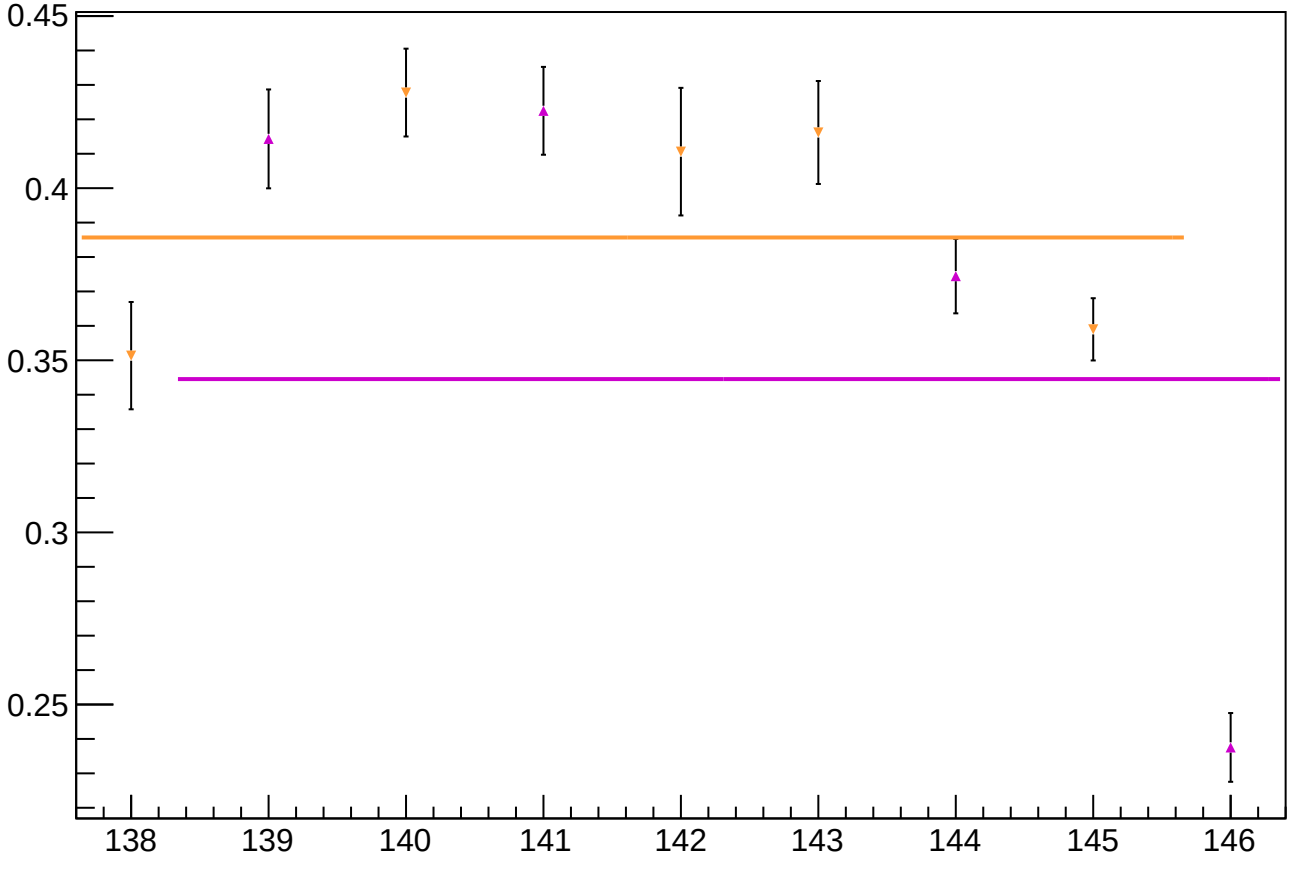
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 12.033+/-0.115 χ^2/NDF:714.1/3

Out: 9.116+/-0.123 χ^2/NDF:1983.9/4

All: 10.683+/-0.084 χ^2/NDF: 2997.8/8

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: 0.386+/-0.006 χ^2/NDF:30.4/4

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

Left In: 0.345+/-0.006 χ^2/NDF:183.3/3

Left: 0.365+/-0.004 χ^2/NDF: 238.9/8

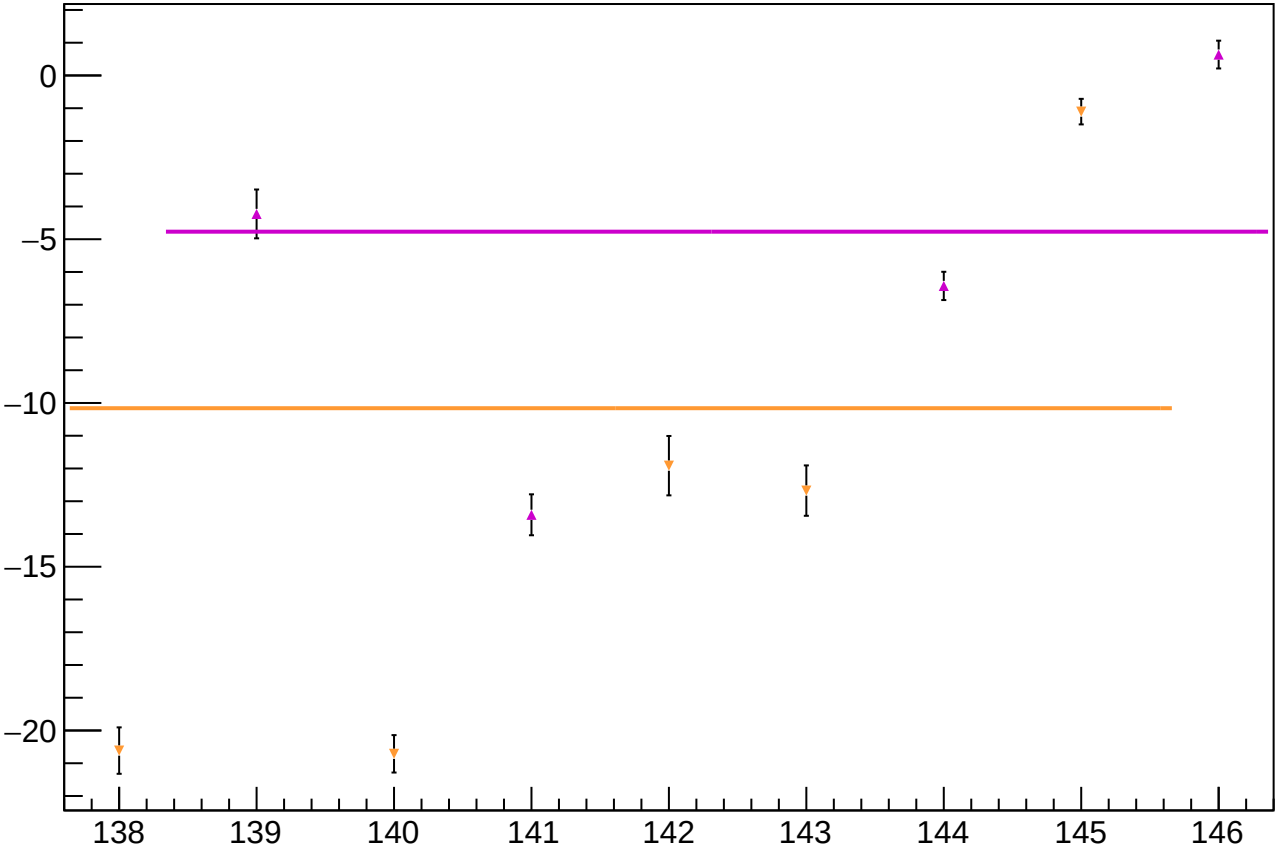
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.345+/-0.006 χ^2/NDF:183.3/3

Out: 0.386+/-0.006 χ^2/NDF:30.4/4

All: 0.365+/-0.004 χ^2/NDF: 238.9/8

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: -10.160+/-0.262 χ^2/NDF:1112.1/4

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

Left In: -4.770+/-0.256 χ^2/NDF:369.0/3

Left: -7.396+/-0.183 χ^2/NDF: 1697.6/8

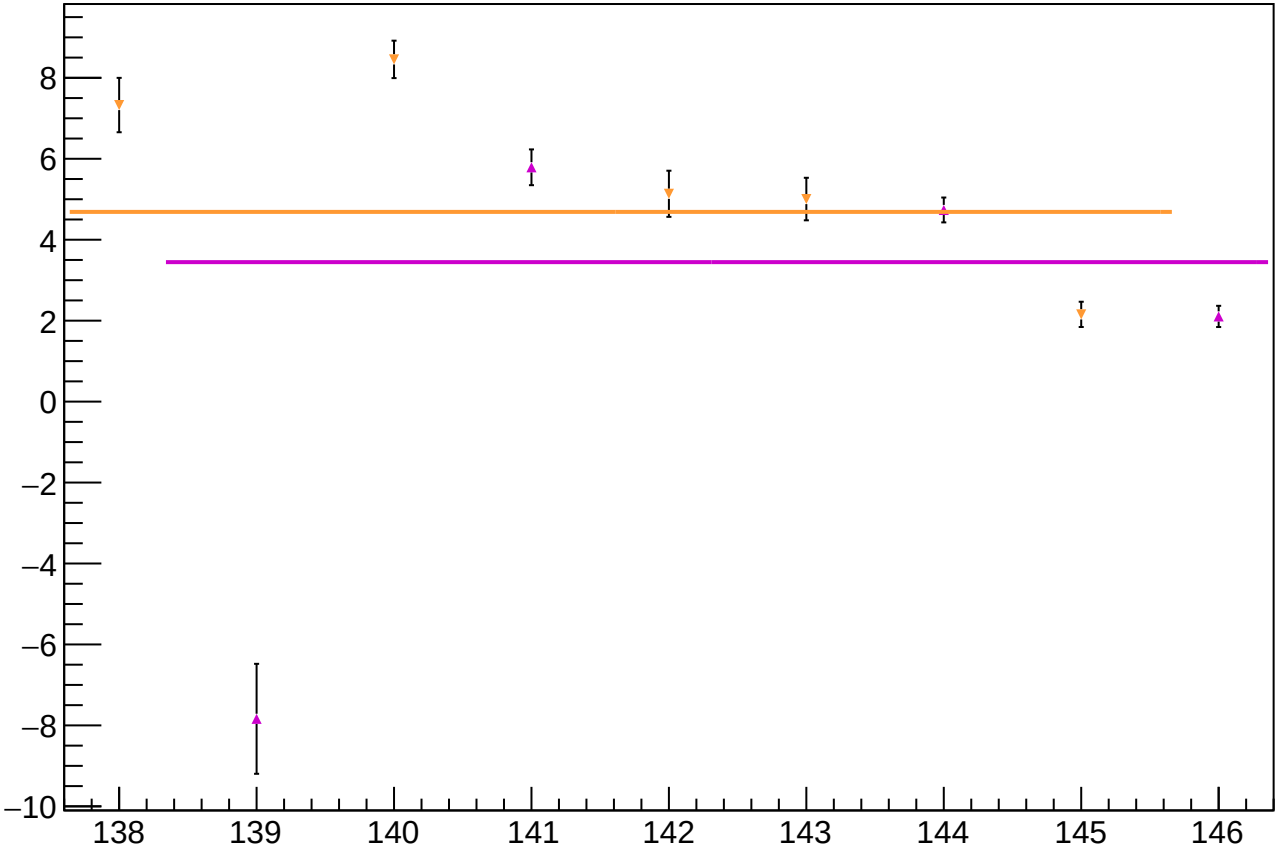
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.770+/-0.256 χ^2/NDF:369.0/3

Out: -10.160+/-0.262 χ^2/NDF:1112.1/4

All: -7.396+/-0.183 χ^2/NDF: 1697.6/8

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: 4.688+/-0.205 χ^2/NDF:148.7/4

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

Left In: 3.446+/-0.180 χ^2/NDF:140.9/3

Left: 3.988+/-0.135 χ^2/NDF: 310.3/8

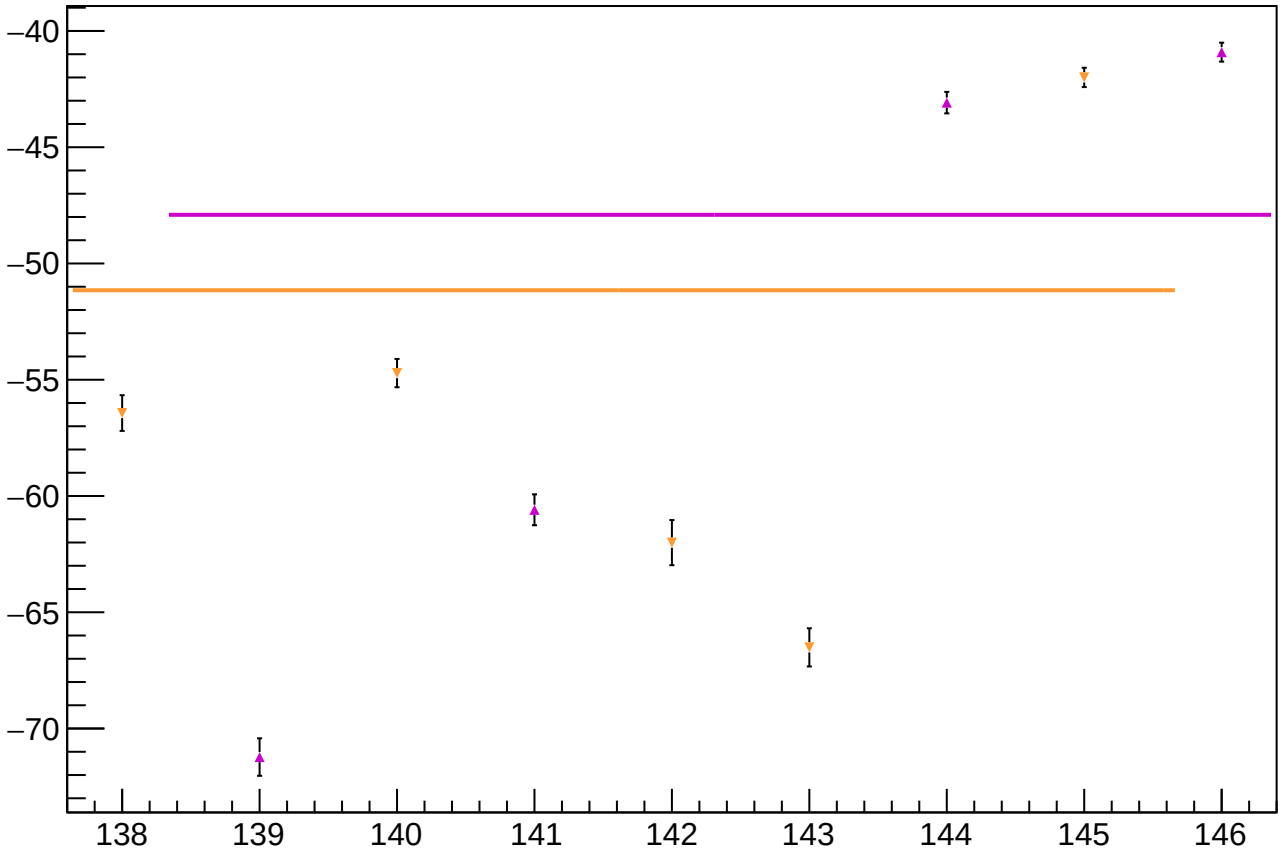
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.446+/-0.180 χ^2/NDF:140.9/3

Out: 4.688+/-0.205 χ^2/NDF:148.7/4

All: 3.988+/-0.135 χ^2/NDF: 310.3/8

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: -51.150+/-0.280 χ^2/NDF:1041.3/4

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

Left In: -47.906+/-0.263 χ^2/NDF:1604.6/3

Left: -49.423+/-0.192 χ^2/NDF: 2717.2/8

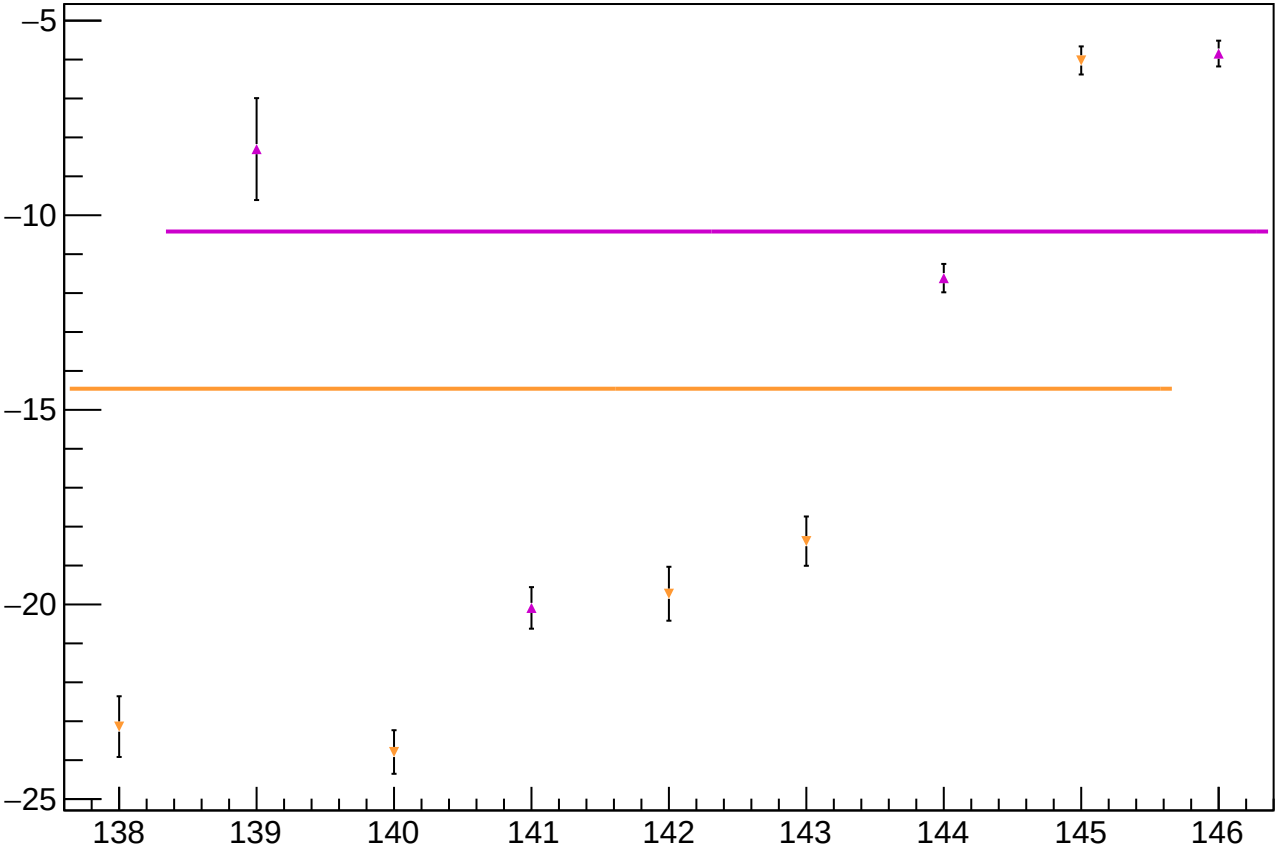
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -47.906+/-0.263 χ^2/NDF:1604.6/3

Out: -51.150+/-0.280 χ^2/NDF:1041.3/4

All: -49.423+/-0.192 χ^2/NDF: 2717.2/8

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: -14.457+/-0.242 χ^2/NDF:1044.0/4

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

Left In: -10.418+/-0.220 χ^2/NDF:532.1/3

Left: -12.243+/-0.163 χ^2/NDF: 1728.9/8

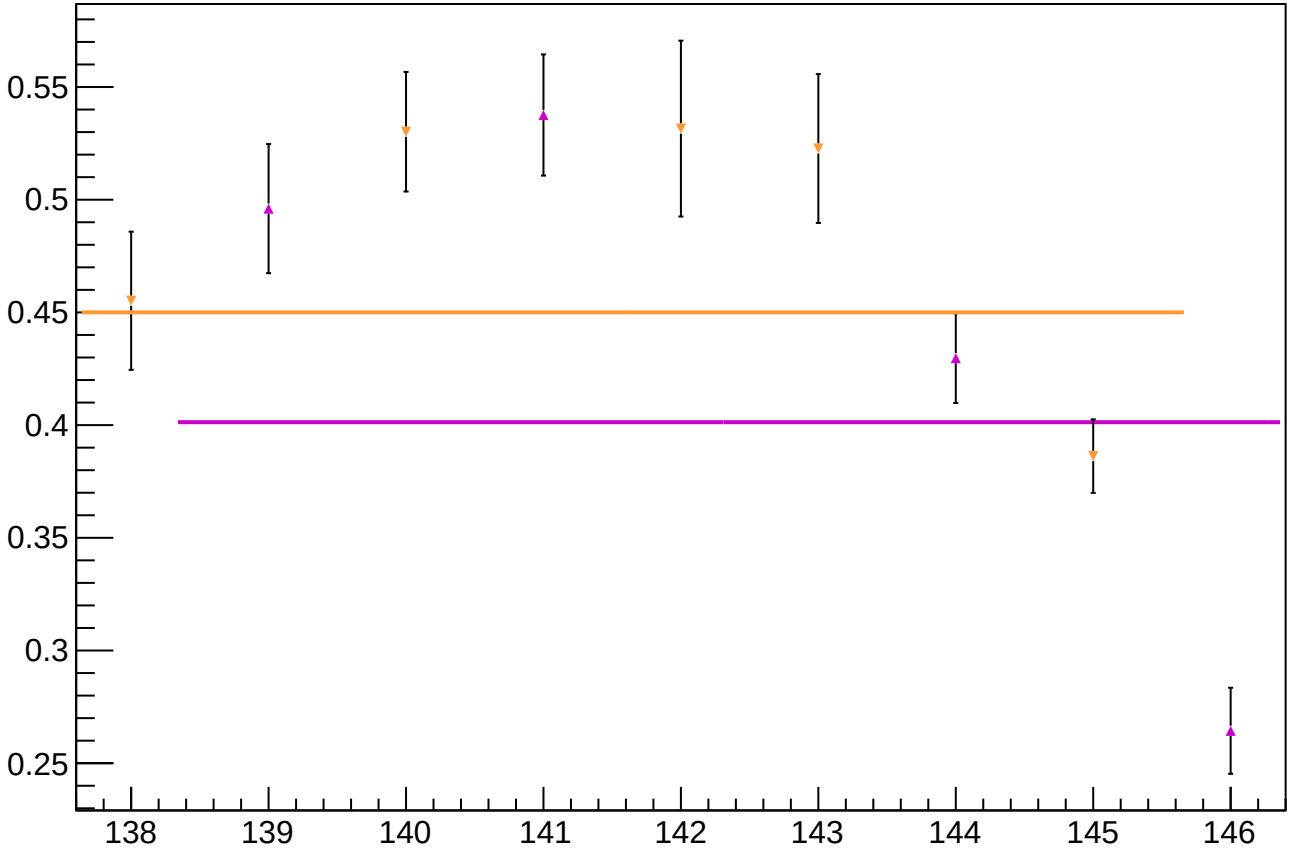
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.418+/-0.220 χ^2/NDF:532.1/3

Out: -14.457+/-0.242 χ^2/NDF:1044.0/4

All: -12.243+/-0.163 χ^2/NDF: 1728.9/8

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: 0.450+/-0.011 χ^2/NDF:33.6/4

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

Left In: 0.401+/-0.011 χ^2/NDF:90.1/3

Left: 0.426+/-0.008 χ^2/NDF: 133.1/8

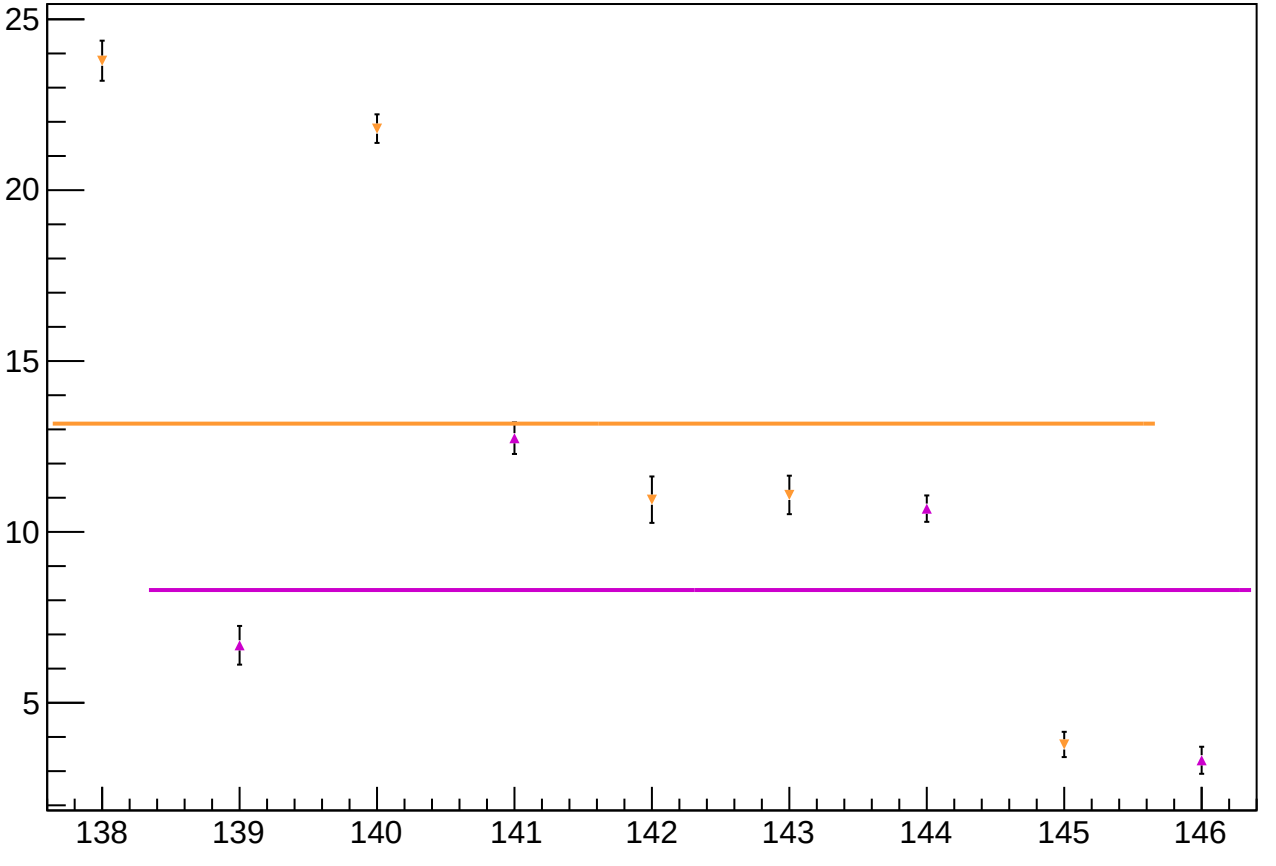
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.401+/-0.011 χ^2/NDF:90.1/3

Out: 0.450+/-0.011 χ^2/NDF:33.6/4

All: 0.426+/-0.008 χ^2/NDF: 133.1/8

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: 13.169+/-0.217 χ^2/NDF:1423.6/4

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

Left In: 8.300+/-0.219 χ^2/NDF:297.5/3

Left: 10.755+/-0.154 χ^2/NDF: 1971.1/8

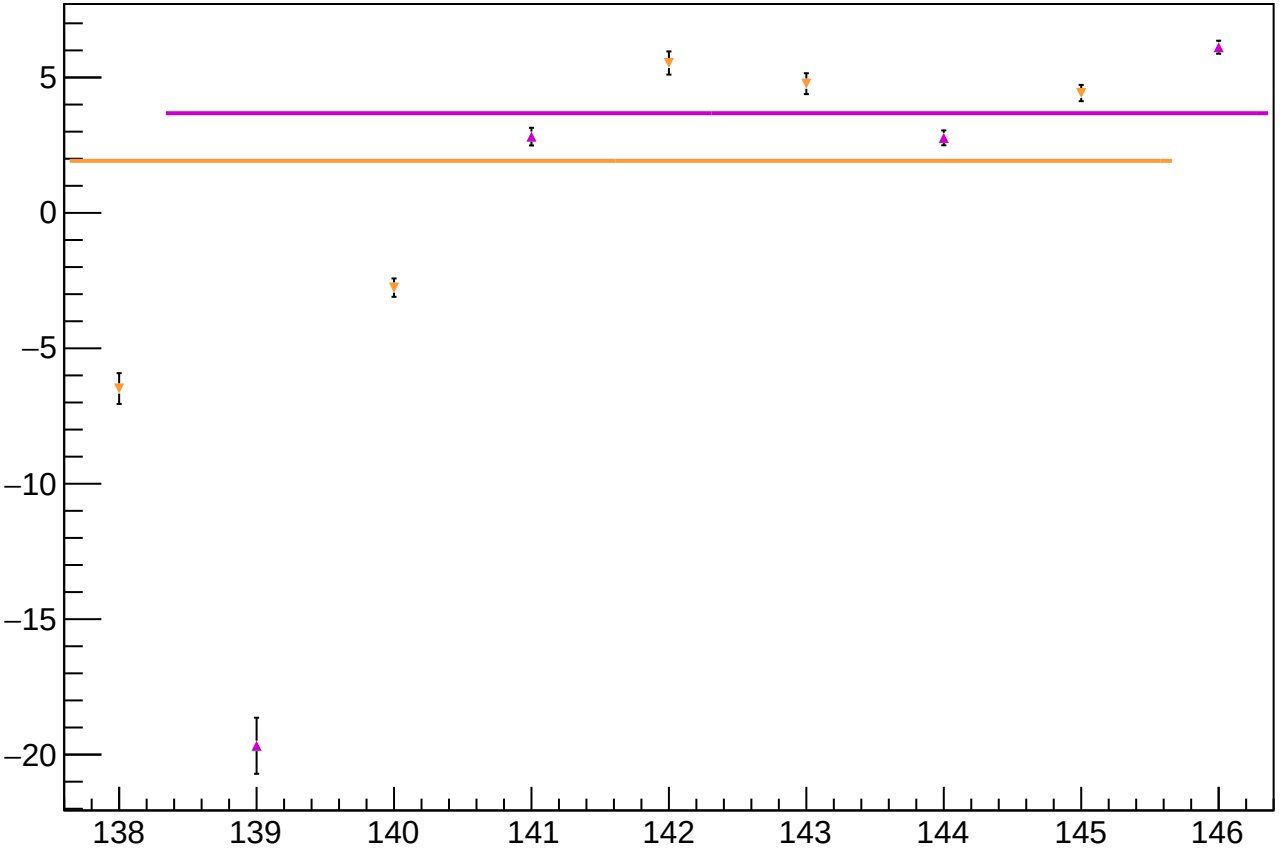
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.300+/-0.219 χ^2/NDF:297.5/3

Out: 13.169+/-0.217 χ^2/NDF:1423.6/4

All: 10.755+/-0.154 χ^2/NDF: 1971.1/8

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 1.922+/-0.169 χ^2/NDF:603.4/4

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

Left In: 3.680+/-0.157 χ^2/NDF:628.9/3

Left: 2.867+/-0.115 χ^2/NDF: 1290.4/8

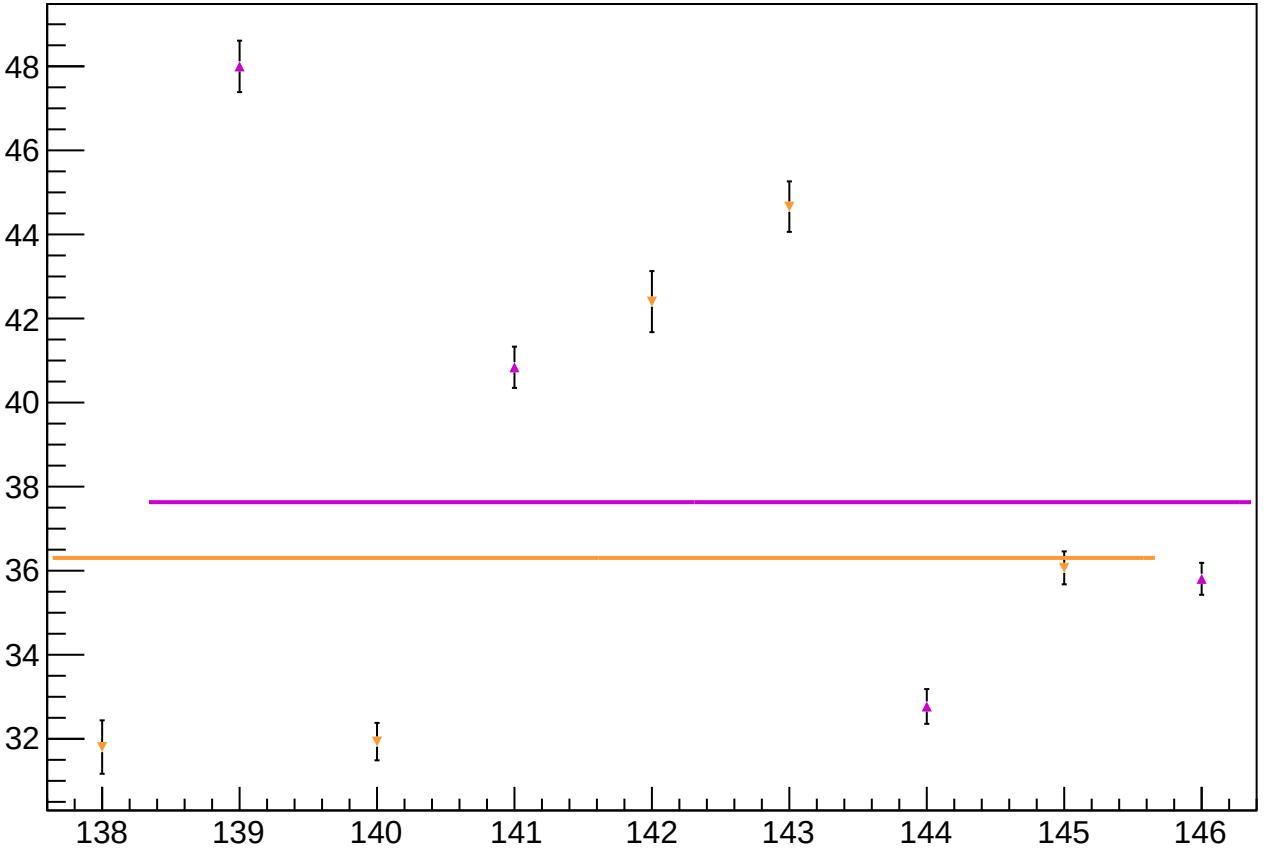
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.680+/-0.157 χ^2/NDF:628.9/3

Out: 1.922+/-0.169 χ^2/NDF:603.4/4

All: 2.867+/-0.115 χ^2/NDF: 1290.4/8

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 36.304+/-0.231 χ^2/NDF:410.6/4

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

Left In: 37.630+/-0.226 χ^2/NDF:490.9/3

Left: 36.983+/-0.162 χ^2/NDF: 918.4/8

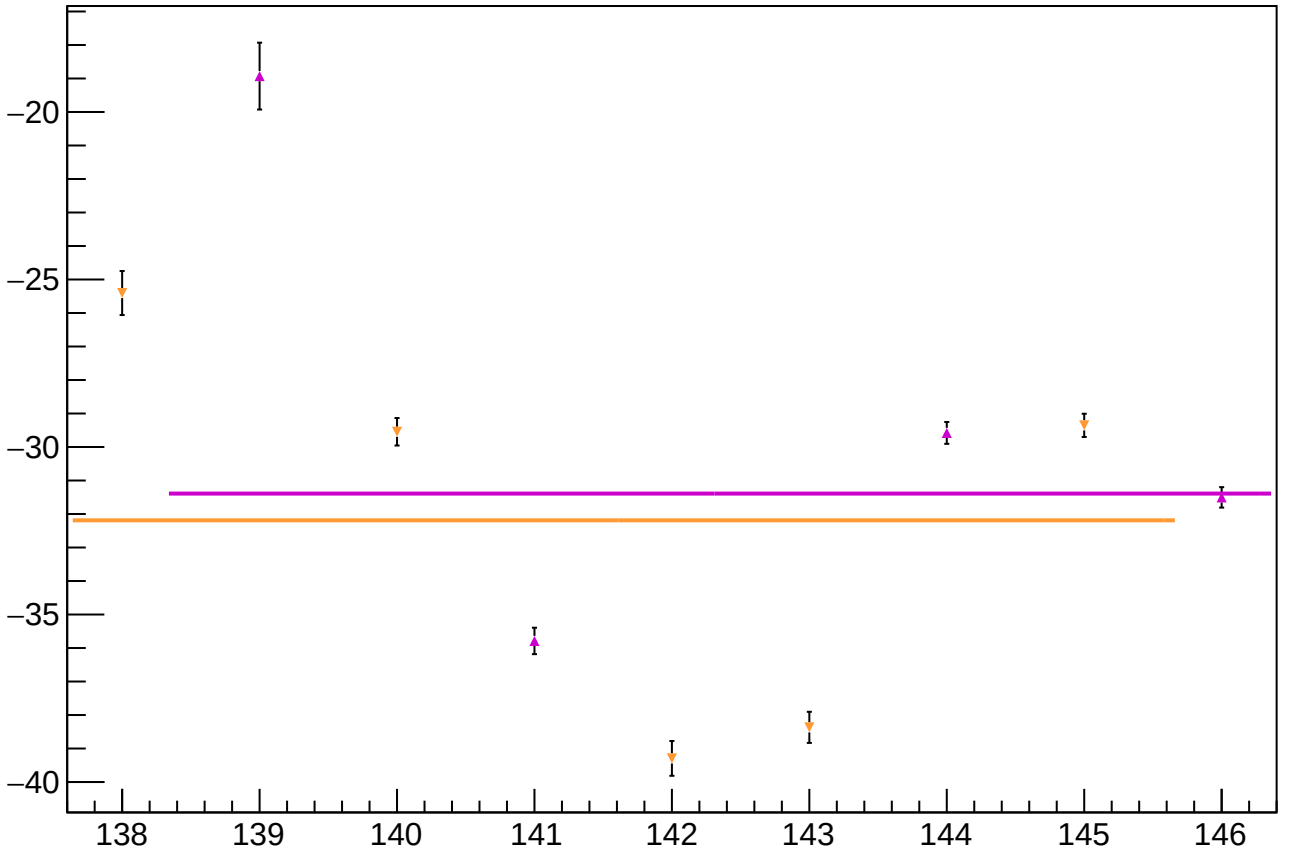
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 37.630+/-0.226 χ^2/NDF:490.9/3

Out: 36.304+/-0.231 χ^2/NDF:410.6/4

All: 36.983+/-0.162 χ^2/NDF: 918.4/8

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -32.188+/-0.200 χ^2/NDF:579.4/4

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

Left In: -31.390+/-0.190 χ^2/NDF:311.3/3

Left: -31.769+/-0.138 χ^2/NDF: 899.1/8

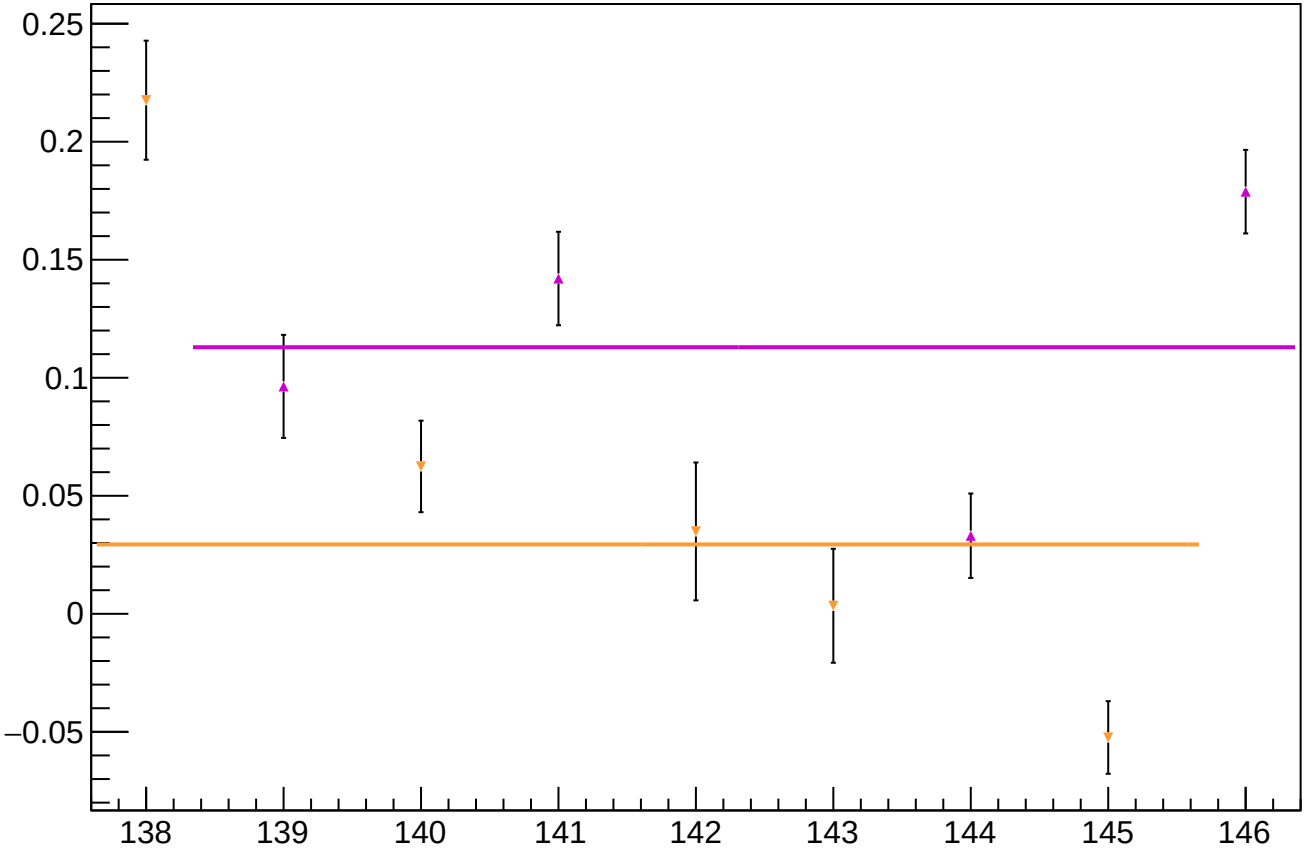
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.390+/-0.190 χ^2/NDF:311.3/3

Out: -32.188+/-0.200 χ^2/NDF:579.4/4

All: -31.769+/-0.138 χ^2/NDF: 899.1/8

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: 0.029+/-0.009 χ^2/NDF:88.1/4

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

Left In: 0.113+/-0.010 χ^2/NDF:36.6/3

Left: 0.070+/-0.007 χ^2/NDF: 163.6/8

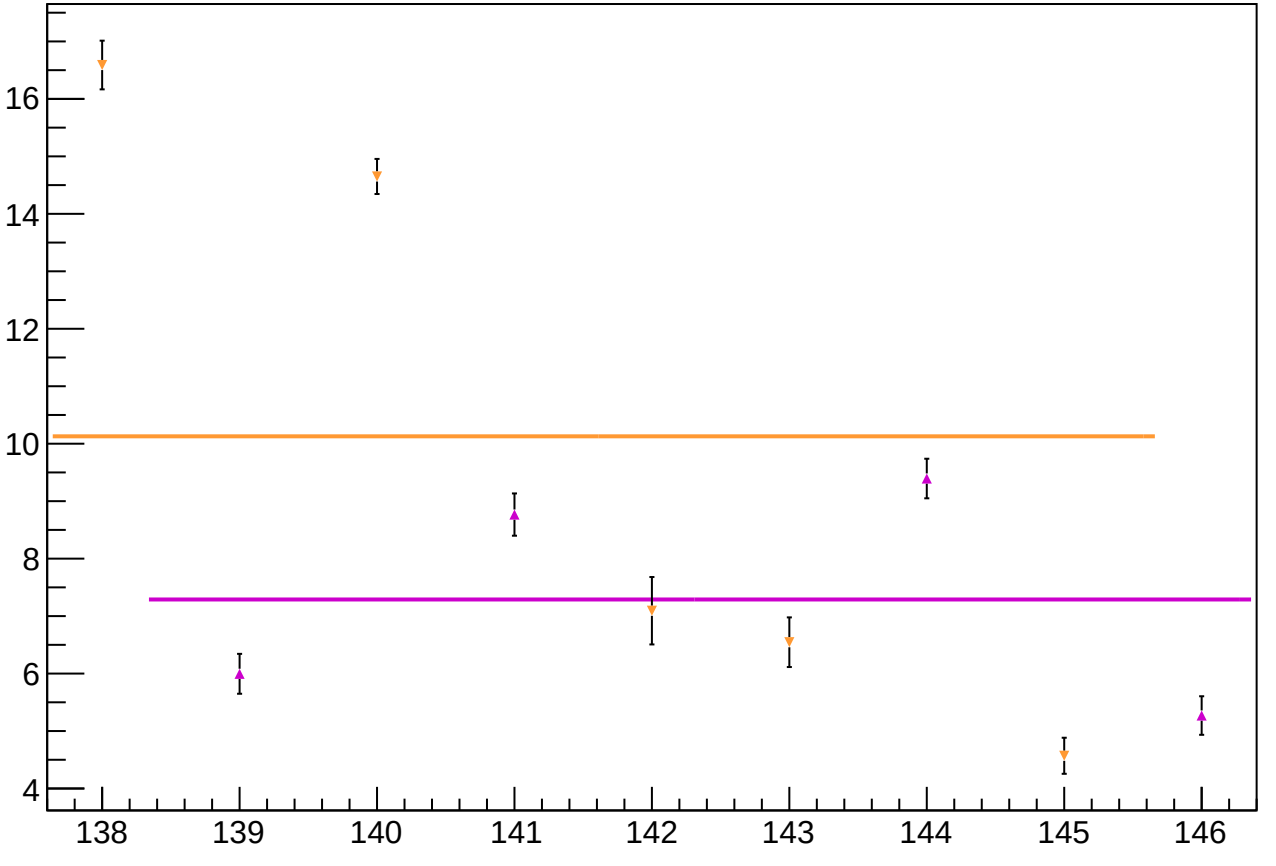
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.113+/-0.010 χ^2/NDF:36.6/3

Out: 0.029+/-0.009 χ^2/NDF:88.1/4

All: 0.070+/-0.007 χ^2/NDF: 163.6/8

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: 10.128+/-0.170 χ^2/NDF:861.6/4

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

Left In: 7.289+/-0.174 χ^2/NDF:103.6/3

Left: 8.745+/-0.122 χ^2/NDF: 1101.6/8

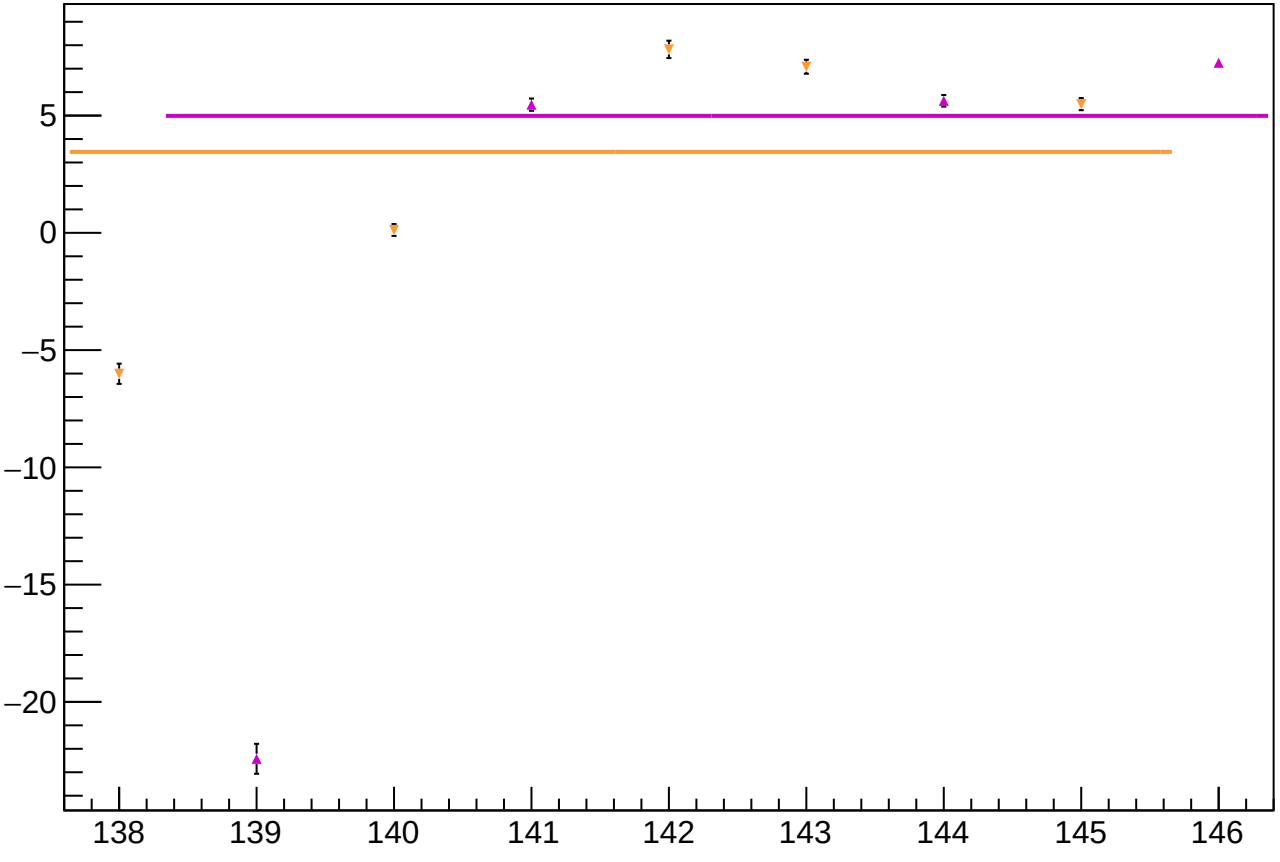
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.289+/-0.174 χ^2/NDF:103.6/3

Out: 10.128+/-0.170 χ^2/NDF:861.6/4

All: 8.745+/-0.122 χ^2/NDF: 1101.6/8

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: 3.452+/-0.136 χ^2/NDF:1002.8/4

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

Left In: 4.988+/-0.135 χ^2/NDF:1963.6/3

Left: 4.226+/-0.095 χ^2/NDF: 3031.1/8

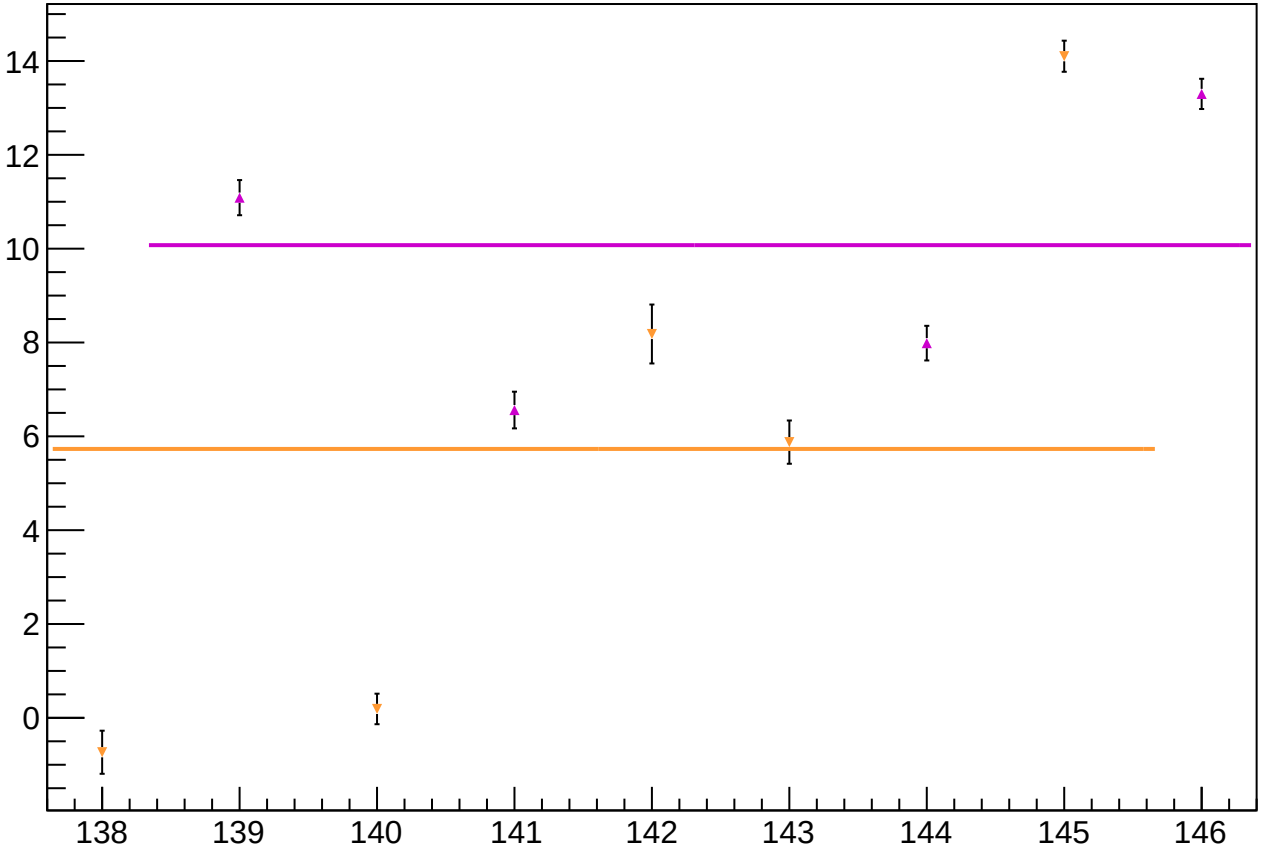
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.988+/-0.135 χ^2/NDF:1963.6/3

Out: 3.452+/-0.136 χ^2/NDF:1002.8/4

All: 4.226+/-0.095 χ^2/NDF: 3031.1/8

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: 5.732+/-0.181 χ^2/NDF:1140.7/4

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

Left In: 10.075+/-0.181 χ^2/NDF:220.3/3

Left: 7.908+/-0.128 χ^2/NDF: 1649.4/8

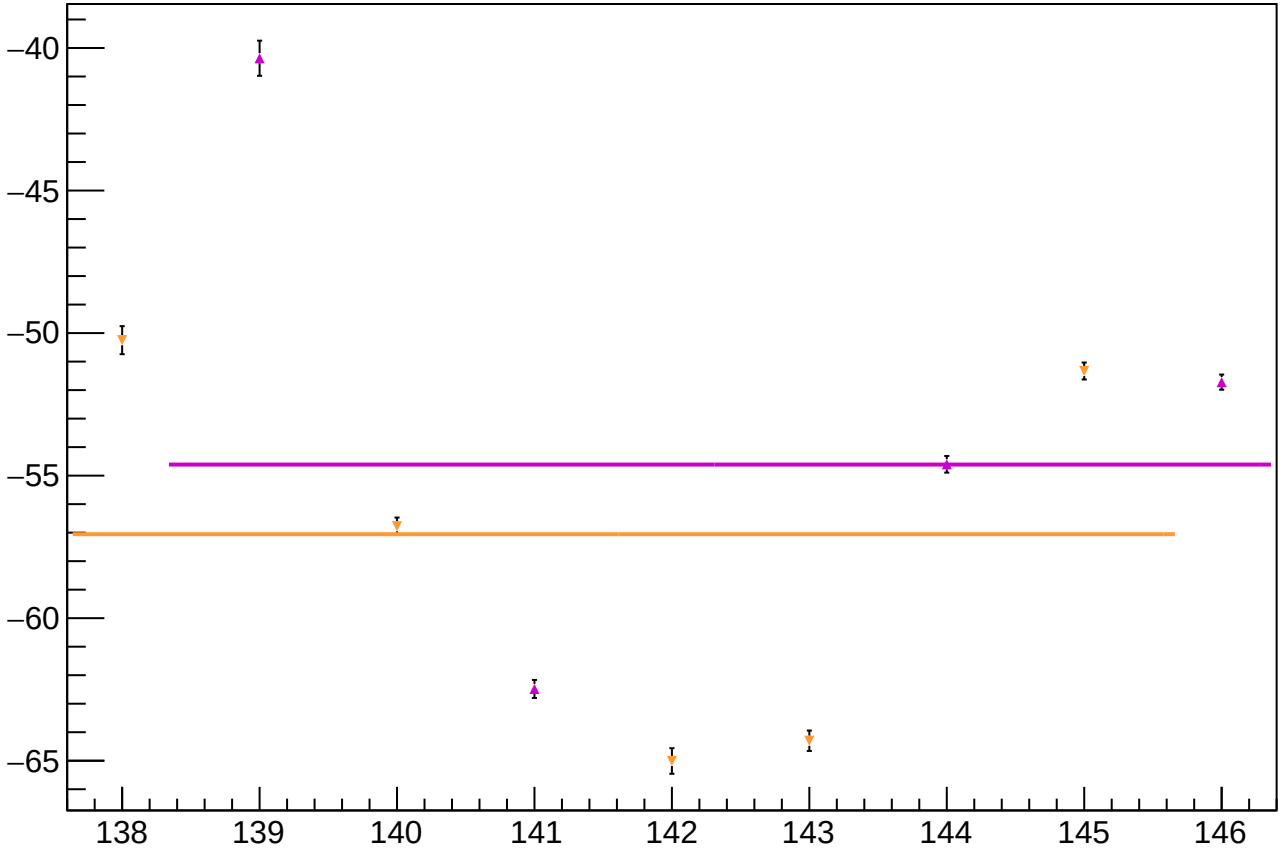
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.075+/-0.181 χ^2/NDF:220.3/3

Out: 5.732+/-0.181 χ^2/NDF:1140.7/4

All: 7.908+/-0.128 χ^2/NDF: 1649.4/8

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -57.054+/-0.160 χ^2/NDF:1286.9/4

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

Left In: -54.612+/-0.161 χ^2/NDF:1274.5/3

Left: -55.839+/-0.114 χ^2/NDF: 2677.1/8

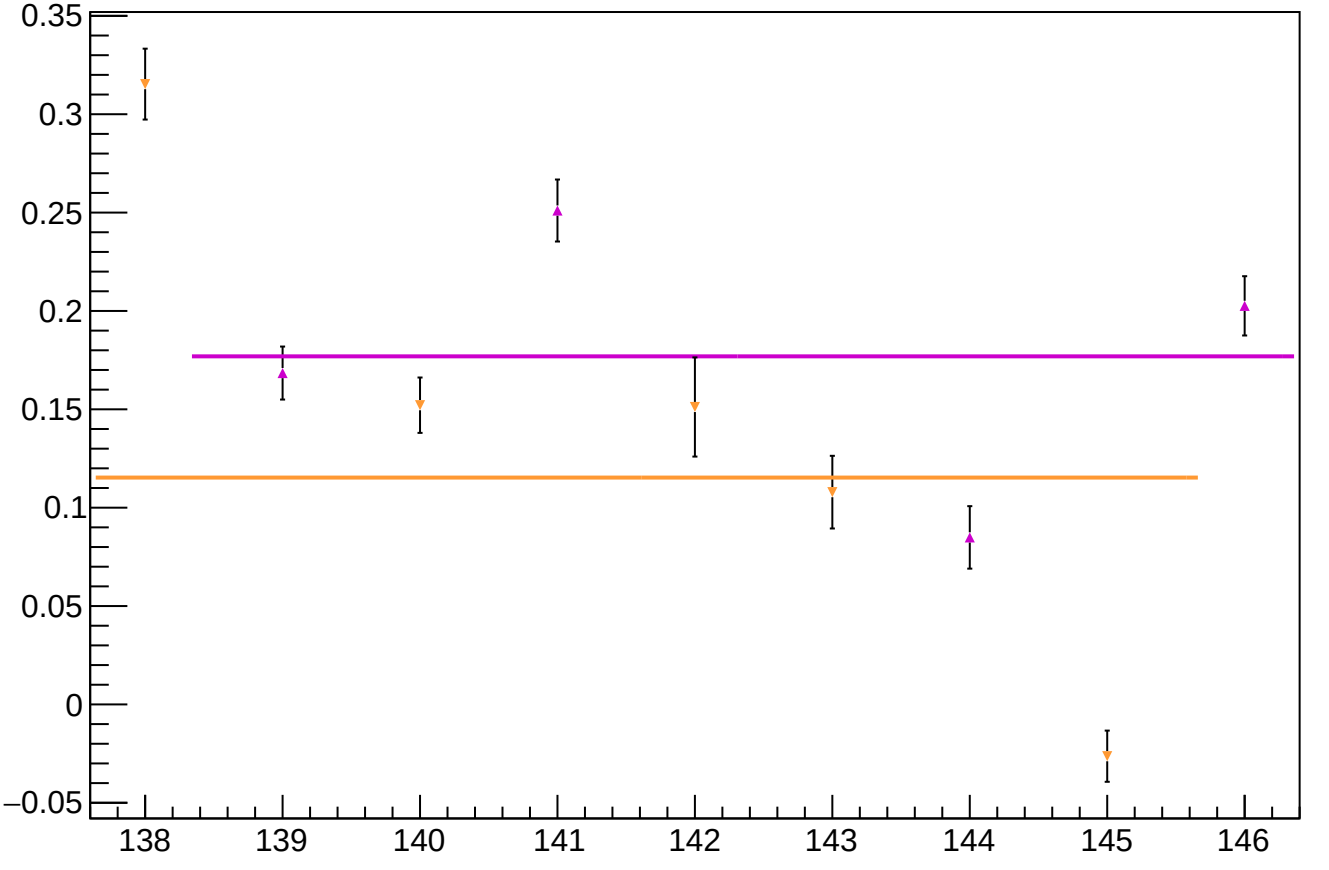
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -54.612+/-0.161 χ^2/NDF:1274.5/3

Out: -57.054+/-0.160 χ^2/NDF:1286.9/4

All: -55.839+/-0.114 χ^2/NDF: 2677.1/8

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: 0.115+/-0.007 χ^2/NDF:250.7/4

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

Left In: 0.177+/-0.007 χ^2/NDF:59.0/3

Left: 0.146+/-0.005 χ^2/NDF: 344.3/8

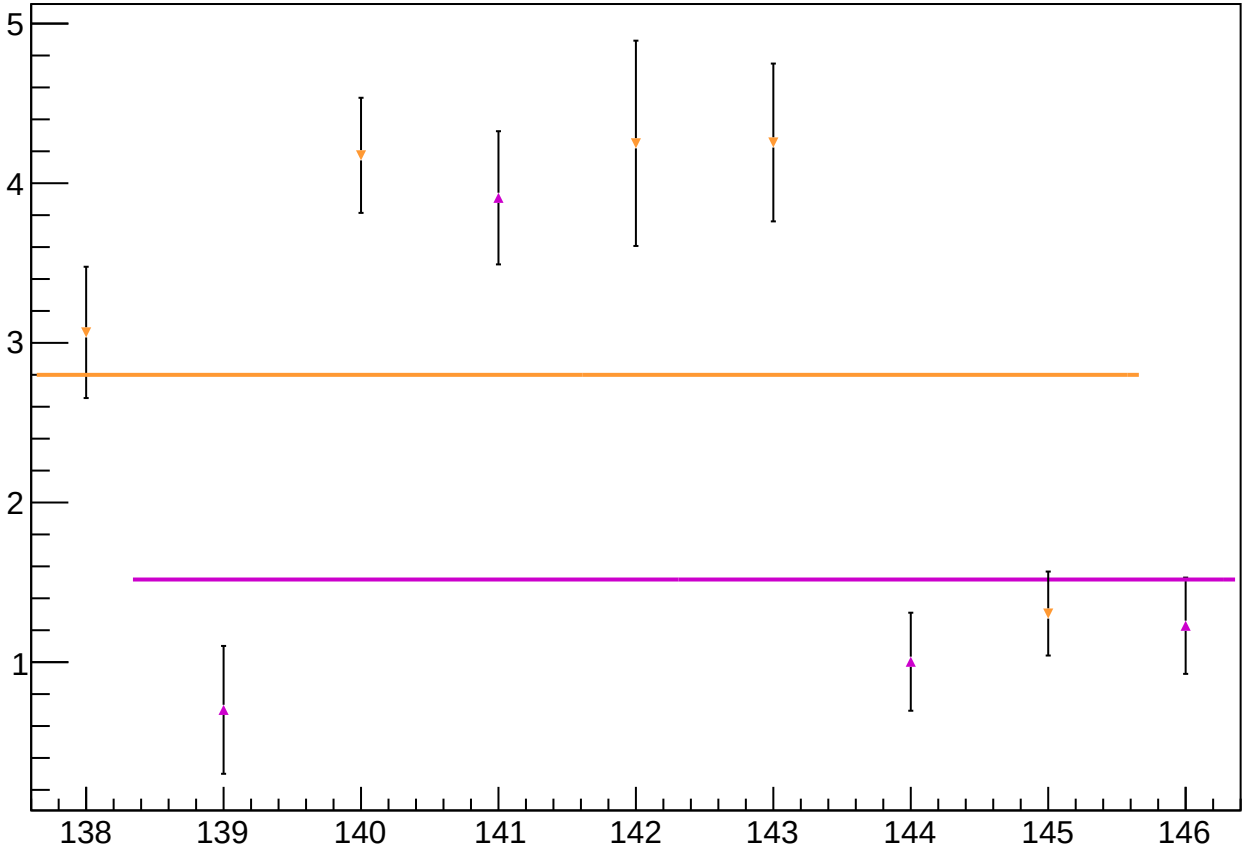
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.177+/-0.007 χ^2/NDF:59.0/3

Out: 0.115+/-0.007 χ^2/NDF:250.7/4

All: 0.146+/-0.005 χ^2/NDF: 344.3/8

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 2.800+/-0.170 χ^2/NDF:61.0/4

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

Left In: 1.518+/-0.173 χ^2/NDF:40.7/3

Left: 2.168+/-0.121 χ^2/NDF: 129.8/8

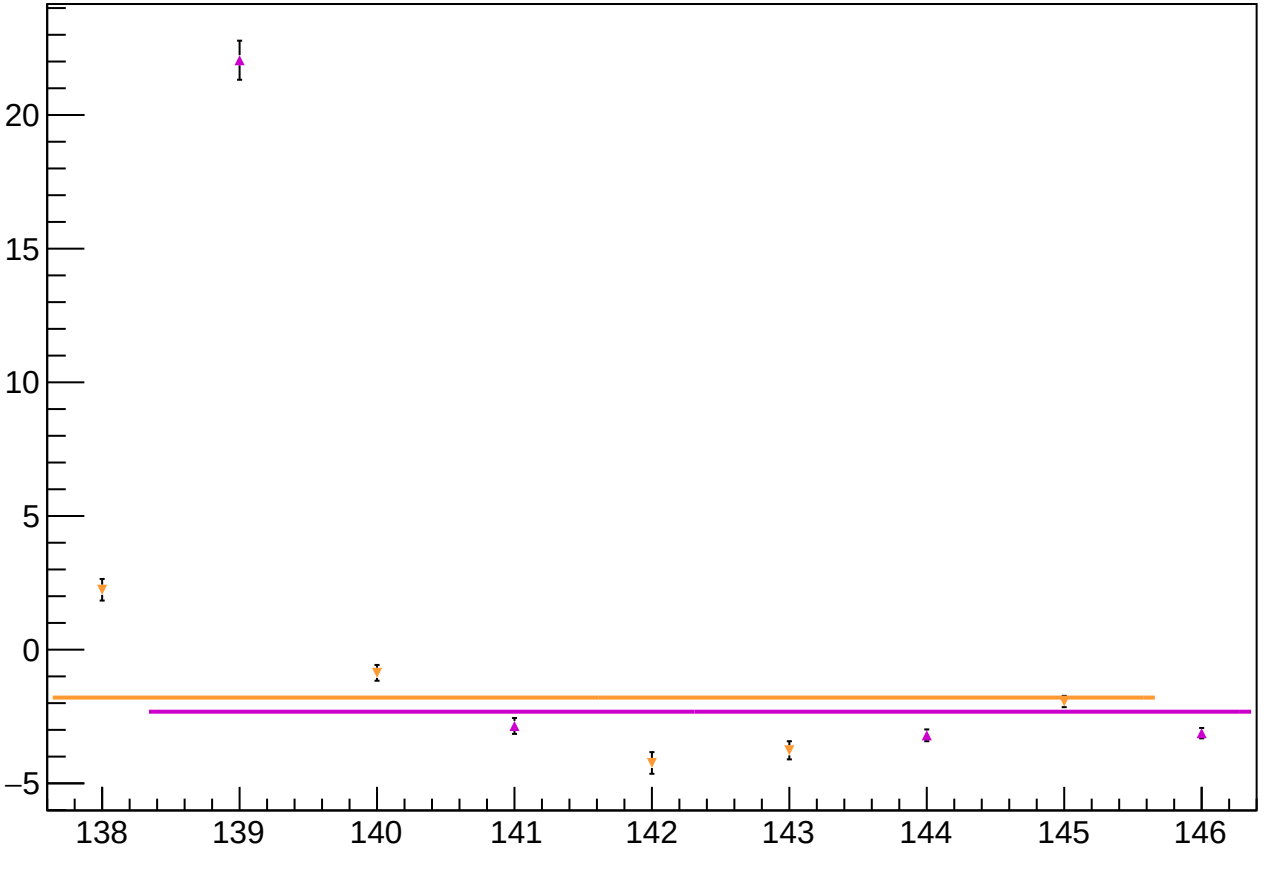
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.518+/-0.173 χ^2/NDF:40.7/3

Out: 2.800+/-0.170 χ^2/NDF:61.0/4

All: 2.168+/-0.121 χ^2/NDF: 129.8/8

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: -1.792+/-0.135 χ^2/NDF:180.0/4

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

Left In: -2.321+/-0.129 χ^2/NDF:1147.7/3

Left: -2.069+/-0.093 χ^2/NDF: 1335.8/8

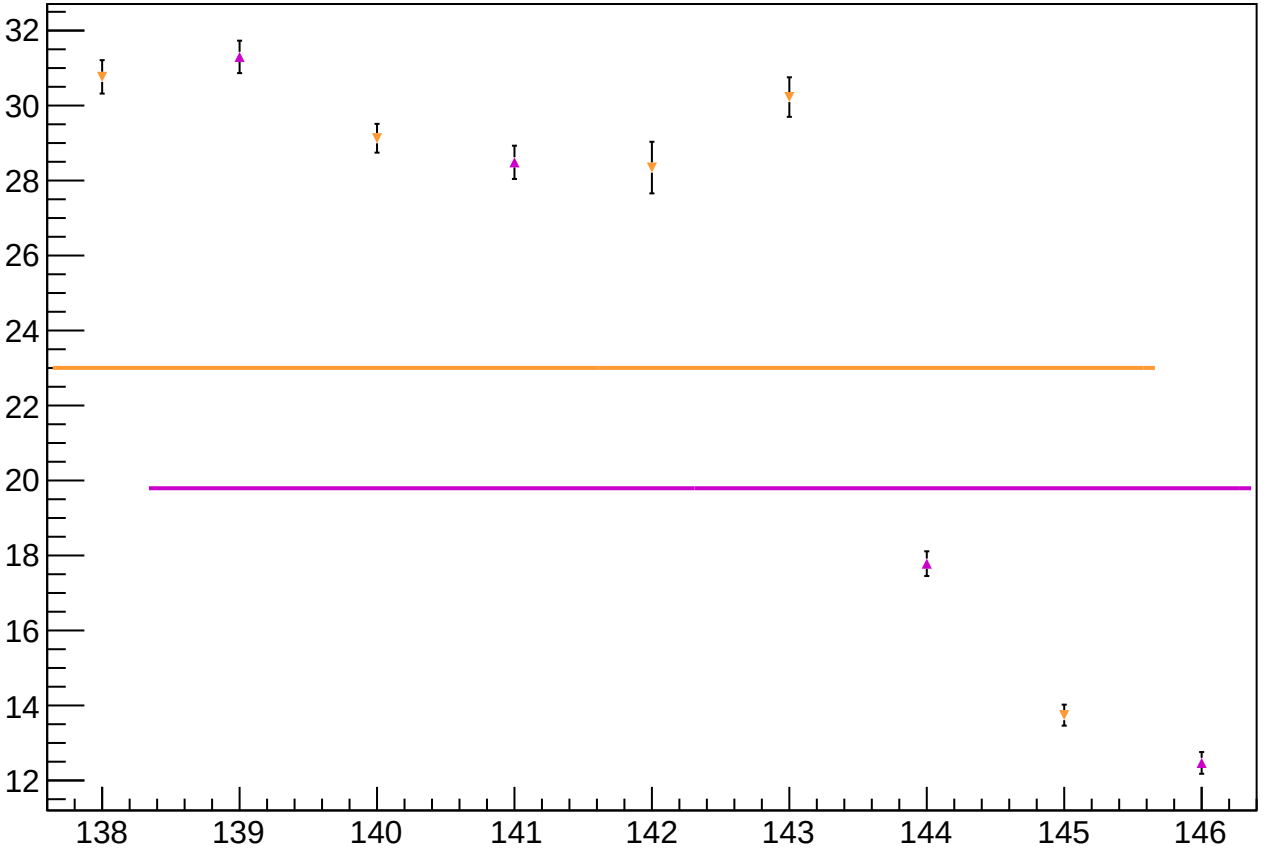
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.321+/-0.129 χ^2/NDF:1147.7/3

Out: -1.792+/-0.135 χ^2/NDF:180.0/4

All: -2.069+/-0.093 χ^2/NDF: 1335.8/8

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: 23.003+/-0.182 χ^2/NDF:1896.7/4

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

Left In: 19.793+/-0.178 χ^2/NDF:1766.2/3

Left: 21.365+/-0.127 χ^2/NDF: 3822.0/8

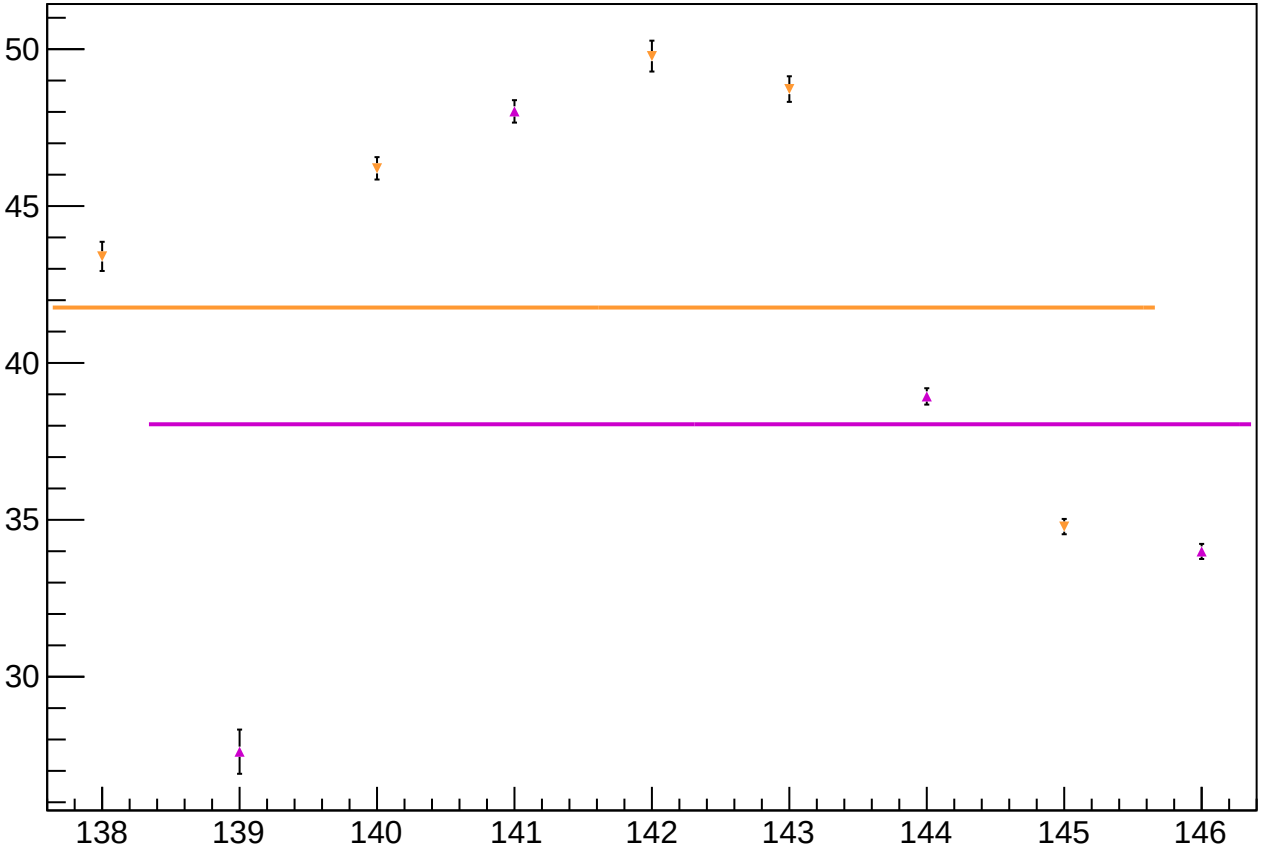
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.793+/-0.178 χ^2/NDF:1766.2/3

Out: 23.003+/-0.182 χ^2/NDF:1896.7/4

All: 21.365+/-0.127 χ^2/NDF: 3822.0/8

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: 41.766+/-0.159 χ^2/NDF:1542.1/4

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

Left In: 38.046+/-0.155 χ^2/NDF:1292.6/3

Left: 39.851+/-0.111 χ^2/NDF: 3115.5/8

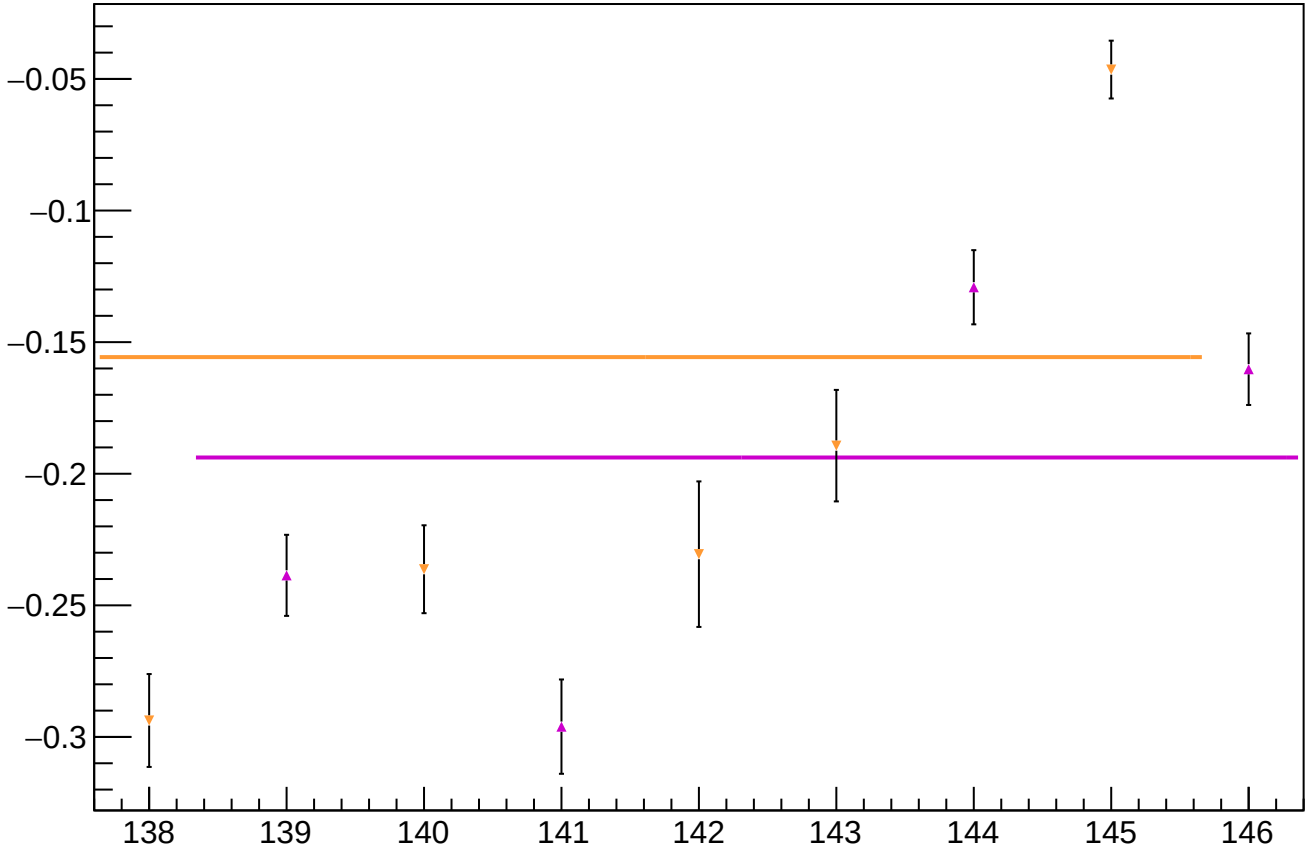
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 38.046+/-0.155 χ^2/NDF:1292.6/3

Out: 41.766+/-0.159 χ^2/NDF:1542.1/4

All: 39.851+/-0.111 χ^2/NDF: 3115.5/8

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: -0.156+/-0.007 χ^2/NDF:193.3/4

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

Left In: -0.194+/-0.008 χ^2/NDF:68.2/3

Left: -0.174+/-0.005 χ^2/NDF: 274.7/8

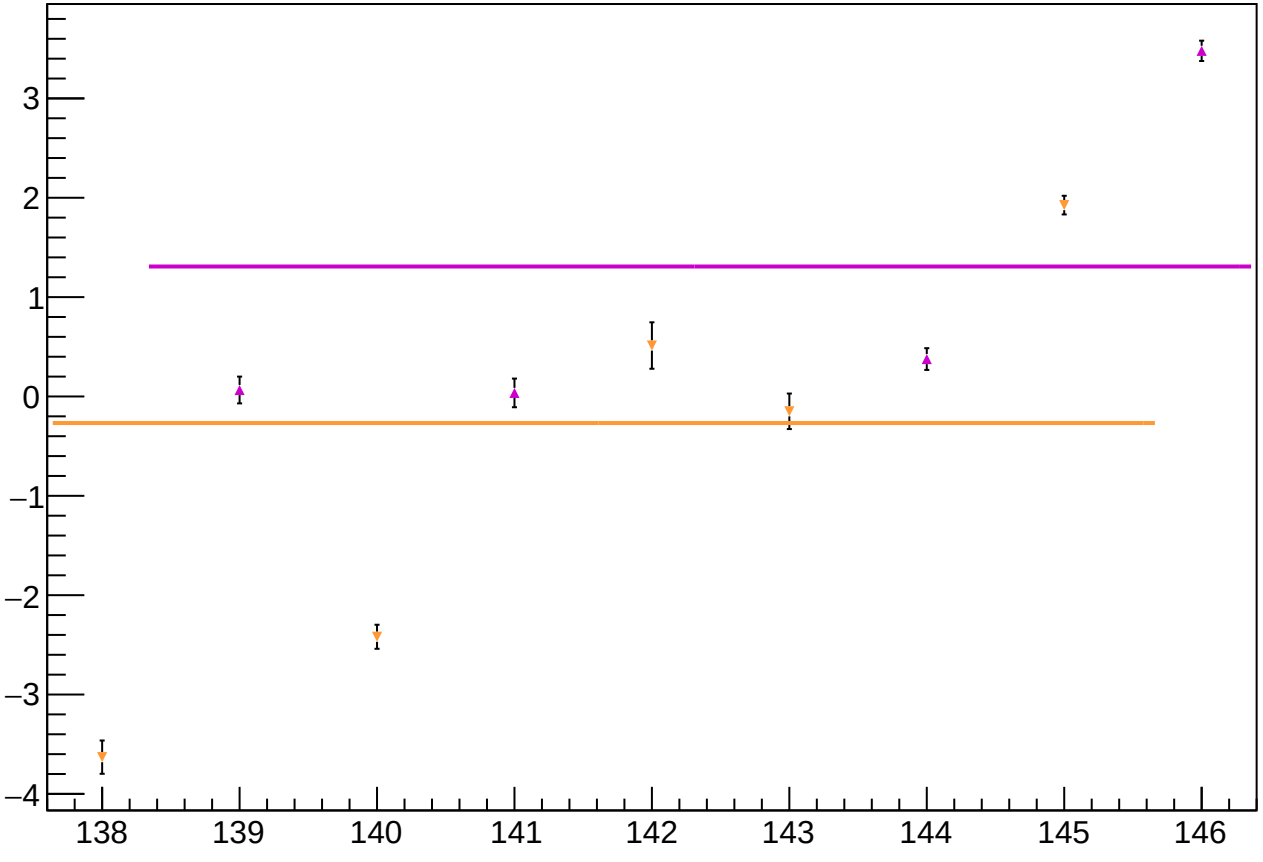
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.194+/-0.008 χ^2/NDF:68.2/3

Out: -0.156+/-0.007 χ^2/NDF:193.3/4

All: -0.174+/-0.005 χ^2/NDF: 274.7/8

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: -0.267+/-0.061 χ^2/NDF:1275.1/4

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

Left In: 1.308+/-0.060 χ^2/NDF:685.9/3

Left: 0.543+/-0.043 χ^2/NDF: 2301.5/8

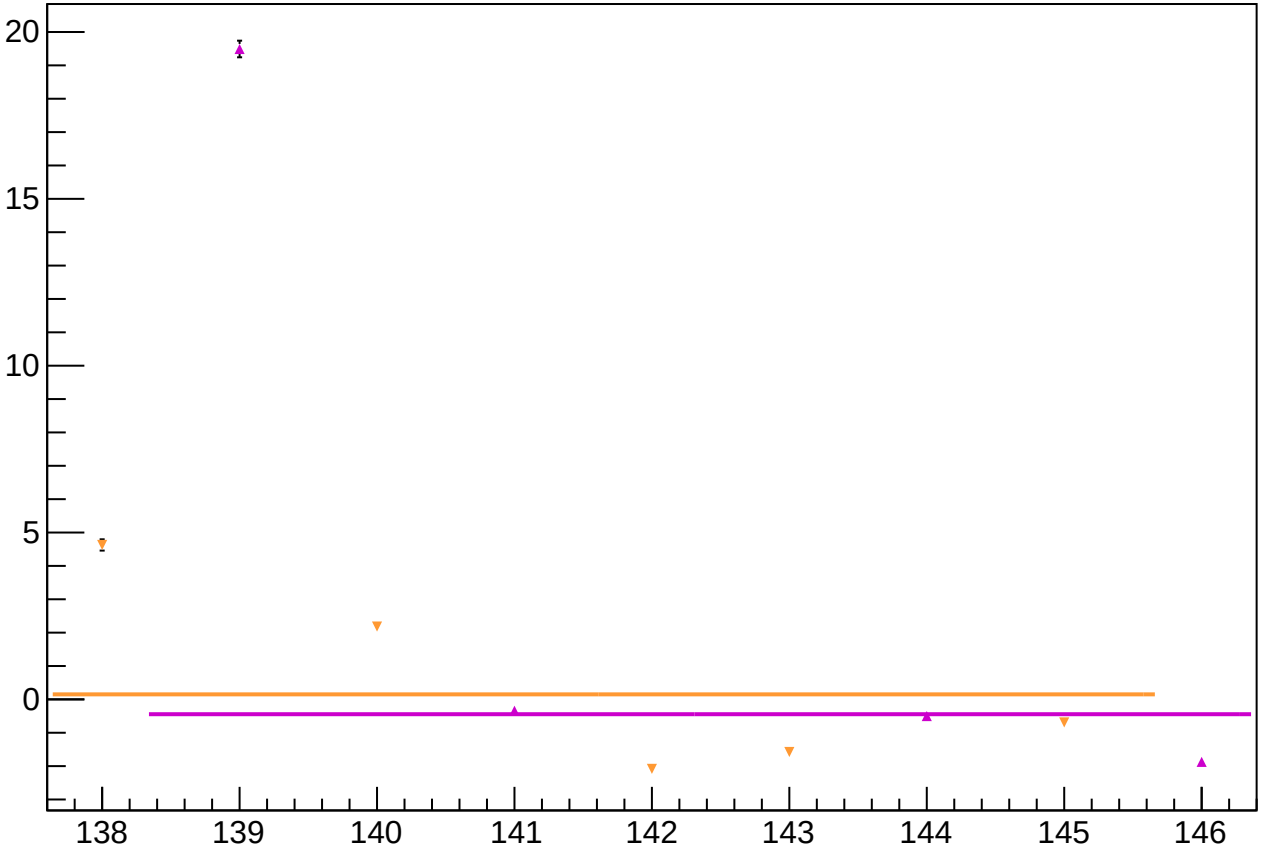
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.308+/-0.060 χ^2/NDF:685.9/3

Out: -0.267+/-0.061 χ^2/NDF:1275.1/4

All: 0.543+/-0.043 χ^2/NDF: 2301.5/8

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 0.151+/-0.049 χ^2/NDF:1657.3/4

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

Left In: -0.444+/-0.045 χ^2/NDF:6861.1/3

Left: -0.173+/-0.033 χ^2/NDF: 8598.6/8

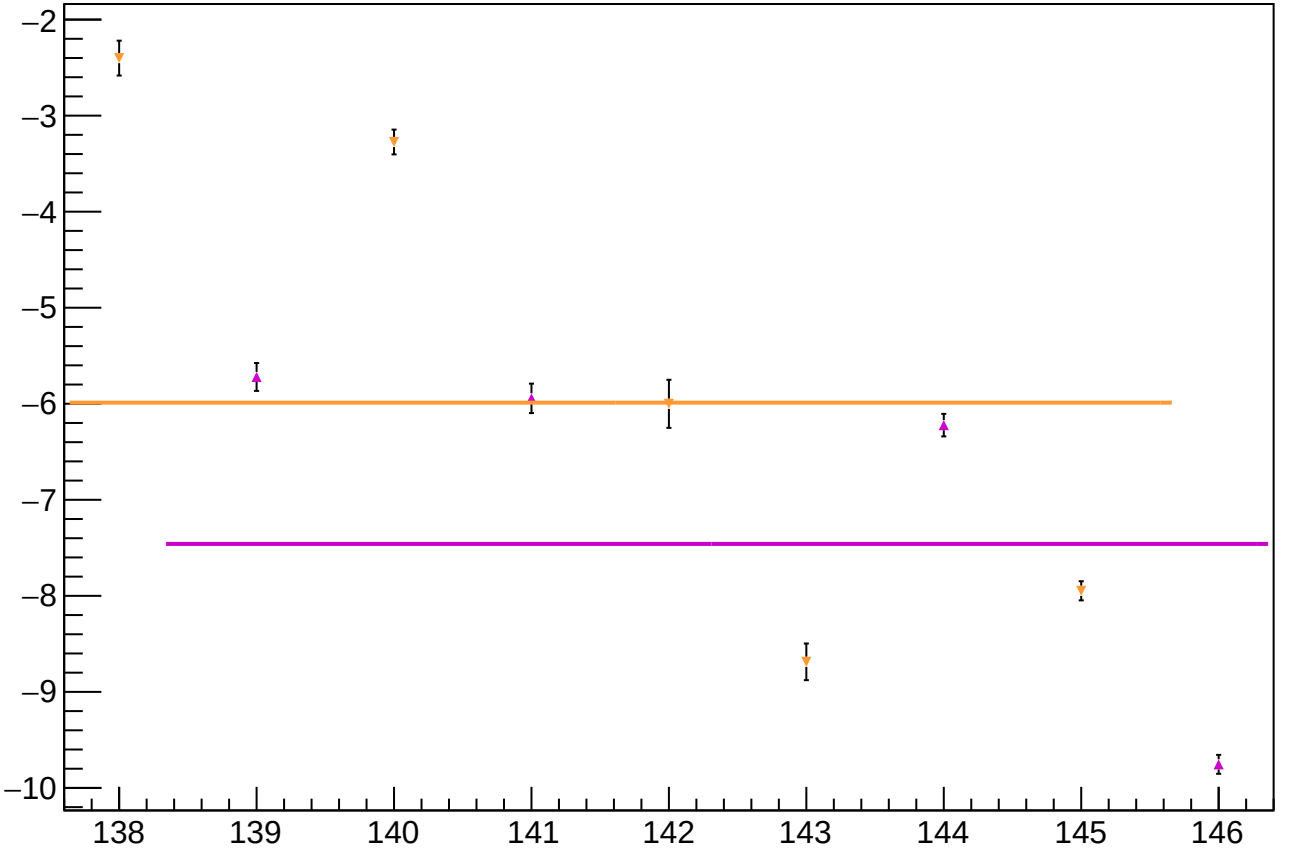
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.444+/-0.045 χ^2/NDF:6861.1/3

Out: 0.151+/-0.049 χ^2/NDF:1657.3/4

All: -0.173+/-0.033 χ^2/NDF: 8598.6/8

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -5.988+/-0.065 χ^2/NDF:1419.3/4

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

Left In: -7.459+/-0.061 χ^2/NDF:895.0/3

Left: -6.770+/-0.045 χ^2/NDF: 2583.8/8

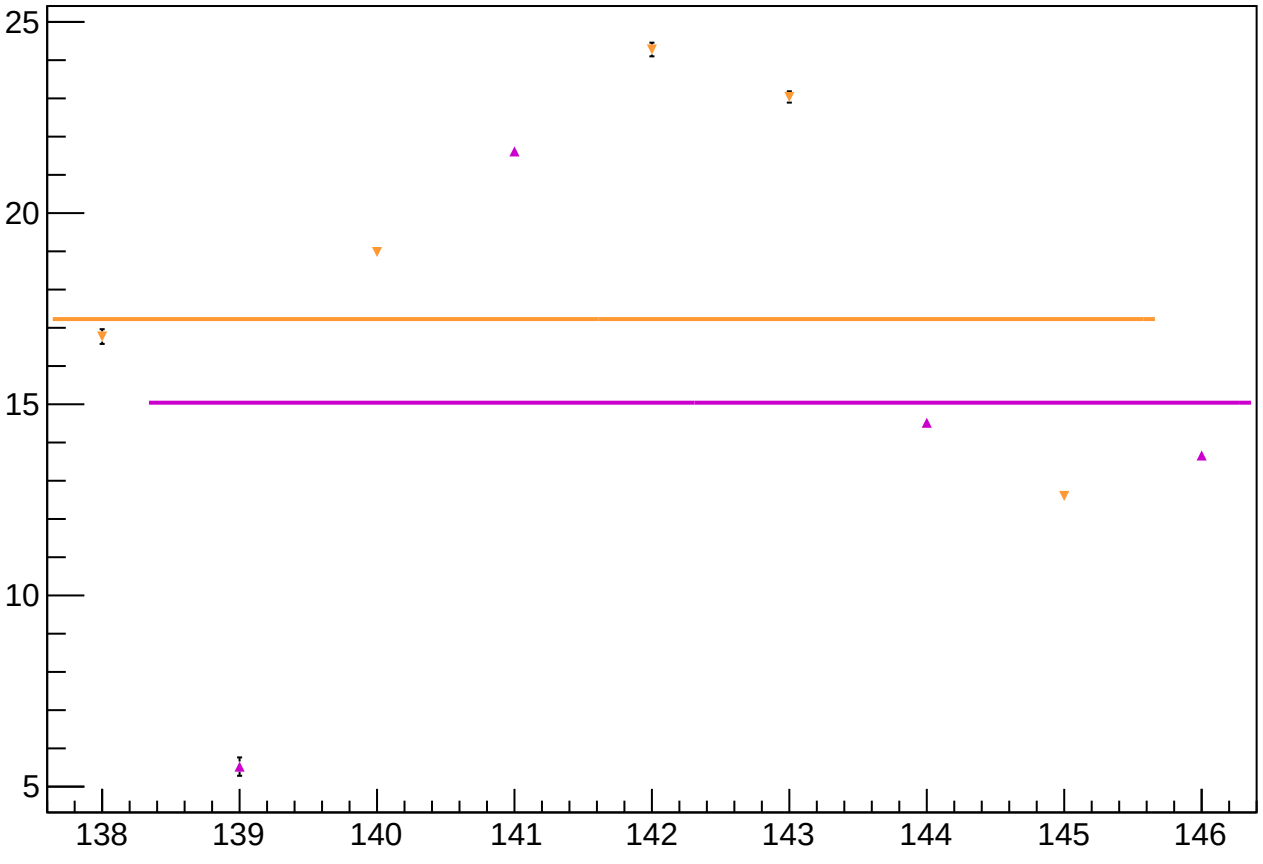
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.459+/-0.061 χ^2/NDF:895.0/3

Out: -5.988+/-0.065 χ^2/NDF:1419.3/4

All: -6.770+/-0.045 χ^2/NDF: 2583.8/8

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 17.228+/-0.058 χ^2/NDF:6056.8/4

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

Left In: 15.041+/-0.054 χ^2/NDF:4698.2/3

Left: 16.058+/-0.039 χ^2/NDF: 11524.1/8

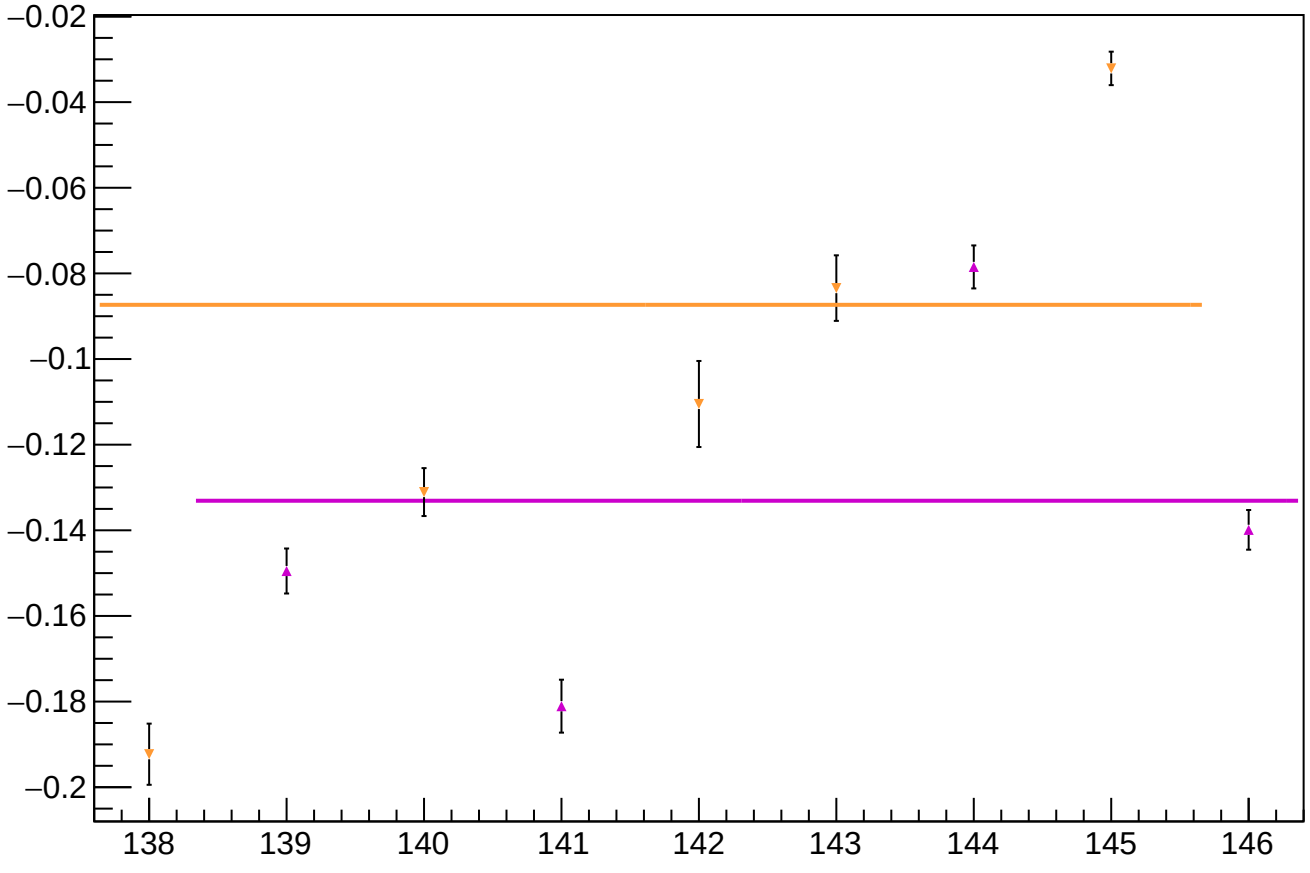
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 15.041+/-0.054 χ^2/NDF:4698.2/3

Out: 17.228+/-0.058 χ^2/NDF:6056.8/4

All: 16.058+/-0.039 χ^2/NDF: 11524.1/8

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: -0.087+/-0.003 χ^2/NDF:482.2/4

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

Left In: -0.133+/-0.003 χ^2/NDF:190.4/3

Left: -0.111+/-0.002 χ^2/NDF: 825.7/8

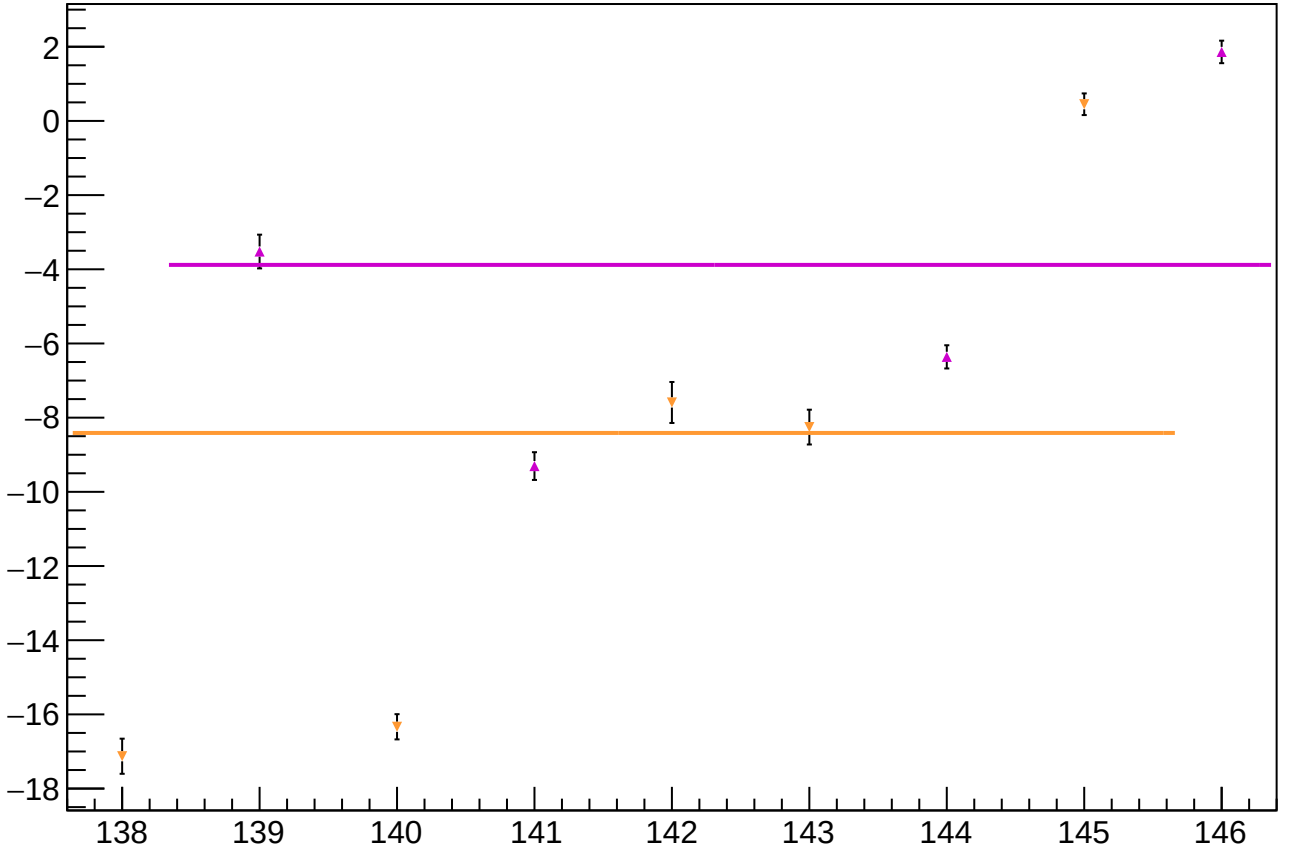
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.133+/-0.003 χ^2/NDF:190.4/3

Out: -0.087+/-0.003 χ^2/NDF:482.2/4

All: -0.111+/-0.002 χ^2/NDF: 825.7/8

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: -8.412+/-0.175 χ^2/NDF:1805.4/4

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

Left In: -3.881+/-0.174 χ^2/NDF:632.0/3

Left: -6.133+/-0.123 χ^2/NDF: 2774.7/8

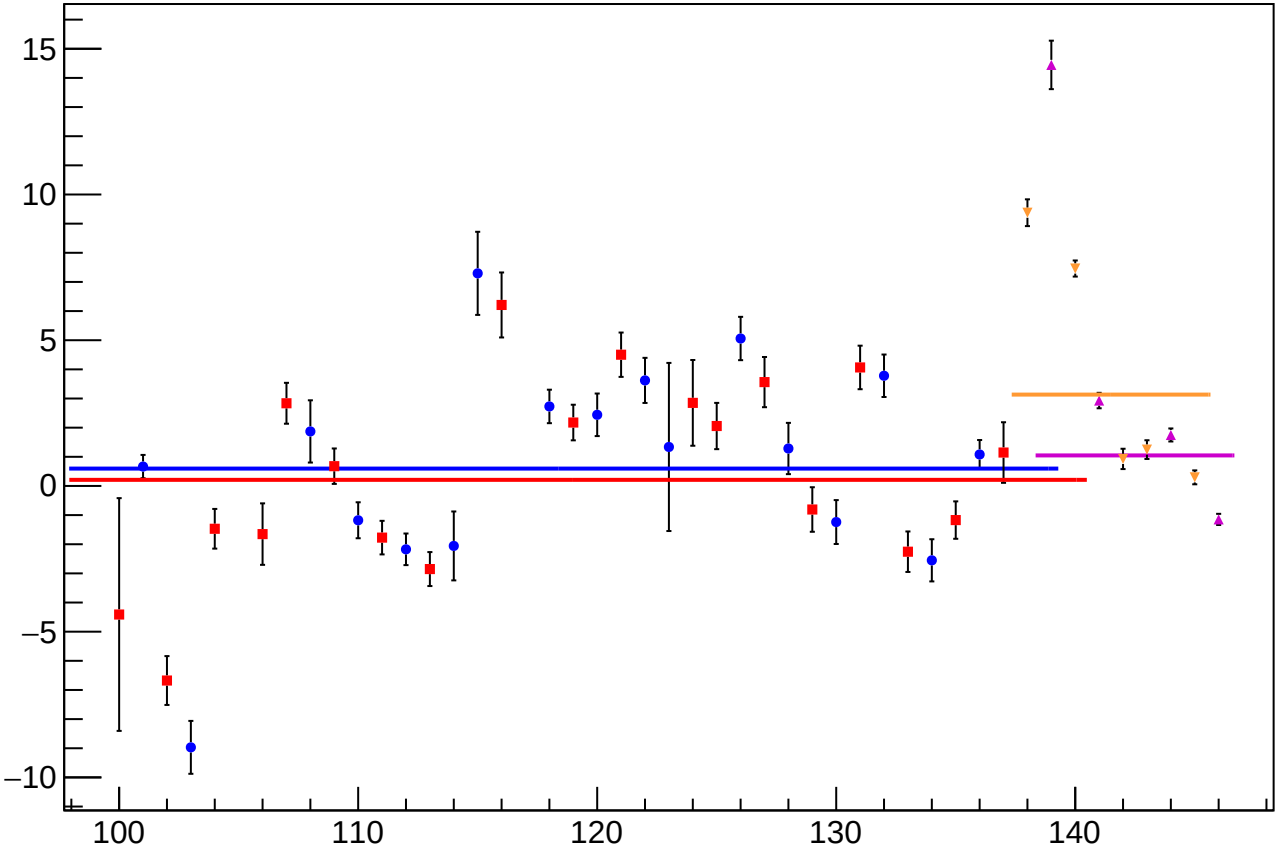
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.881+/-0.174 χ^2/NDF:632.0/3

Out: -8.412+/-0.175 χ^2/NDF:1805.4/4

All: -6.133+/-0.123 χ^2/NDF: 2774.7/8

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: 3.135+/-0.137 χ^2/NDF:645.6/4

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 1.048+/-0.126 χ^2/NDF:452.0/3

Left: 2.003+/-0.093 χ^2/NDF: 1223.5/8

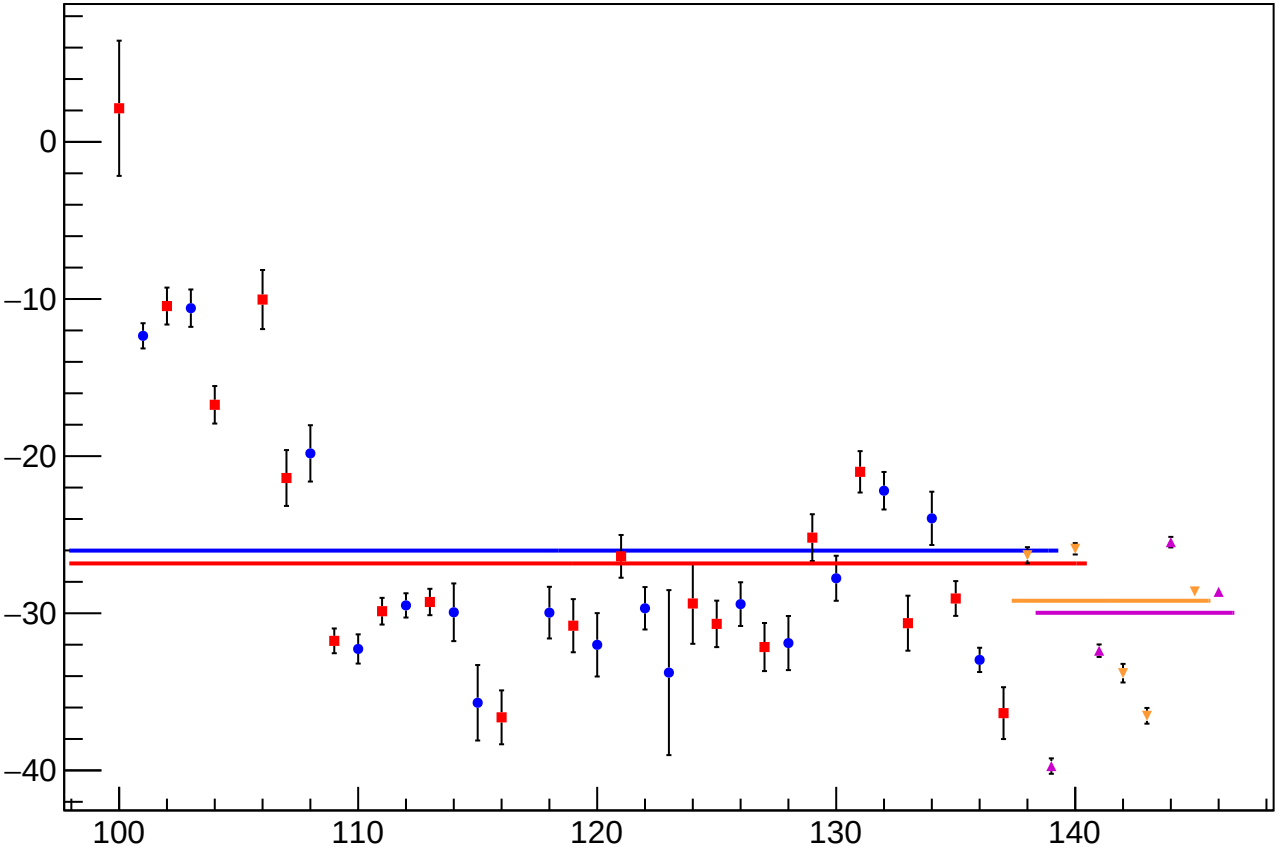
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 0.886+/-0.101 χ^2/NDF:747.8/20

Out: 2.021+/-0.108 χ^2/NDF:1092.8/23

All: 1.416+/-0.074 χ^2/NDF: 1899.6/44

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -29.203+/-0.187 χ^2/NDF:393.7/4

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -29.970+/-0.179 χ^2/NDF:631.7/3

Left: -29.602+/-0.129 χ^2/NDF: 1034.2/8

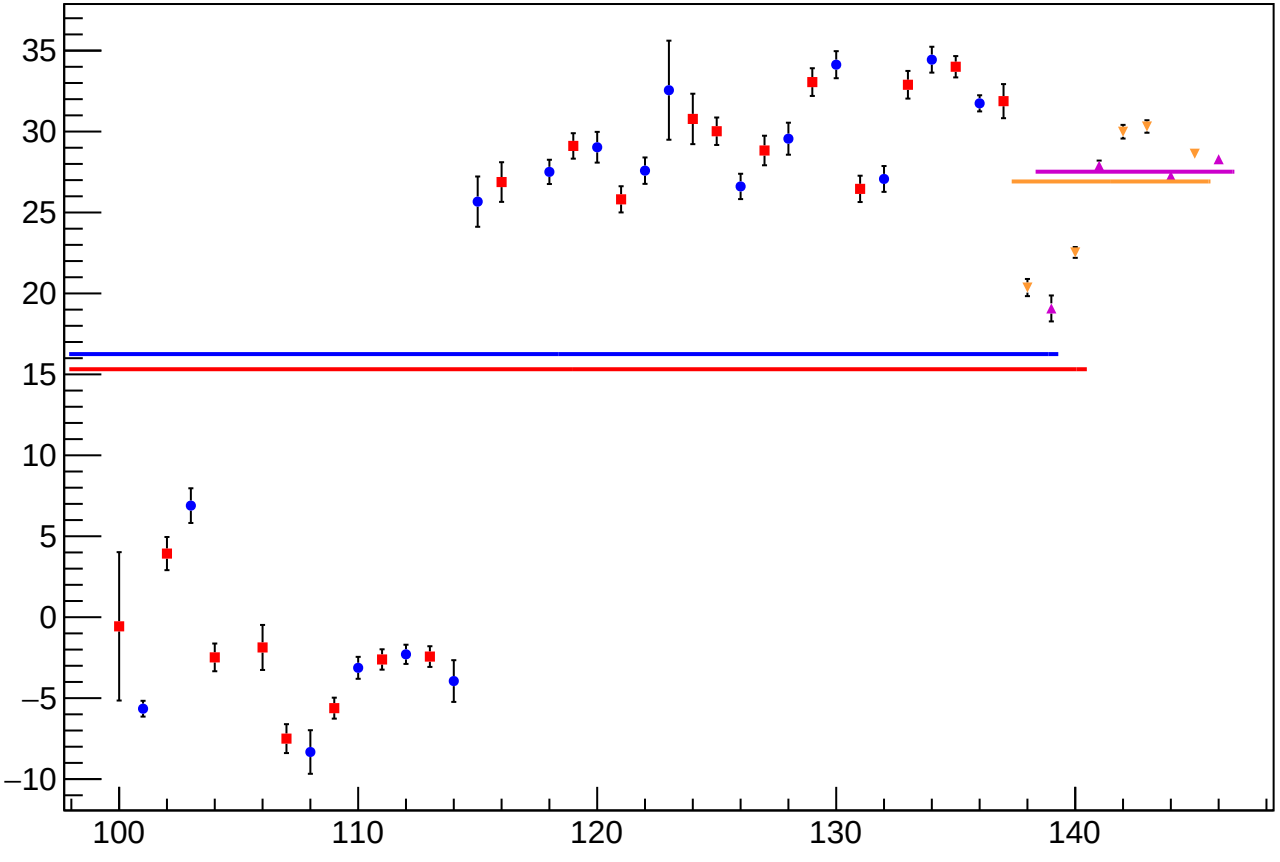
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -28.926+/-0.154 χ^2/NDF:1453.1/20

Out: -28.533+/-0.158 χ^2/NDF:1021.0/23

All: -28.735+/-0.110 χ^2/NDF: 2477.3/44

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 26.916+/-0.162 χ^2/NDF:493.8/4

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 27.520+/-0.152 χ^2/NDF:123.8/3

Left: 27.237+/-0.111 χ^2/NDF: 625.0/8

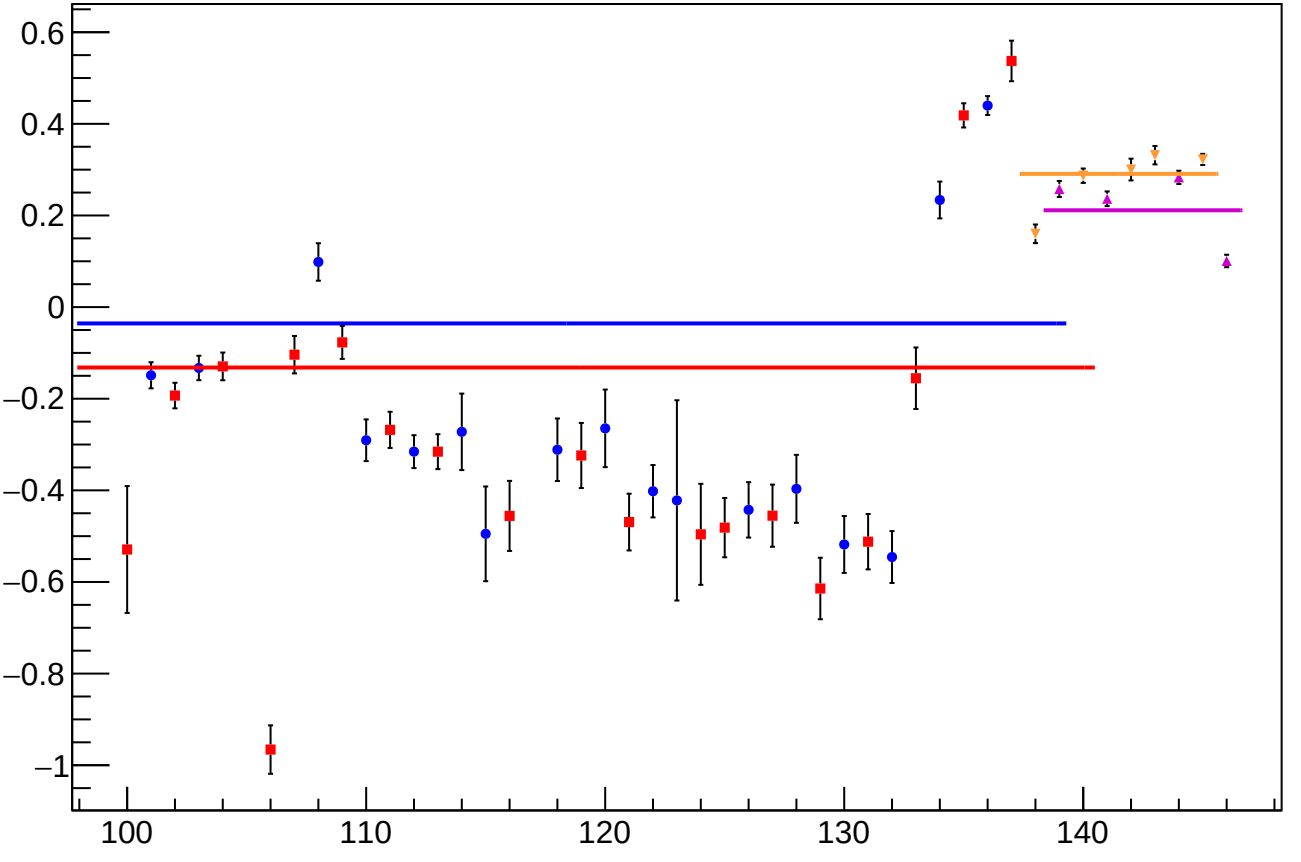
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 23.143+/-0.119 χ^2/NDF:9862.5/20

Out: 22.232+/-0.125 χ^2/NDF:9840.4/23

All: 22.710+/-0.086 χ^2/NDF: 19730.7/44

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: 0.291+/-0.008 χ^2/NDF:52.5/4

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.211+/-0.008 χ^2/NDF:99.7/3

Left: 0.251+/-0.005 χ^2/NDF: 207.0/8

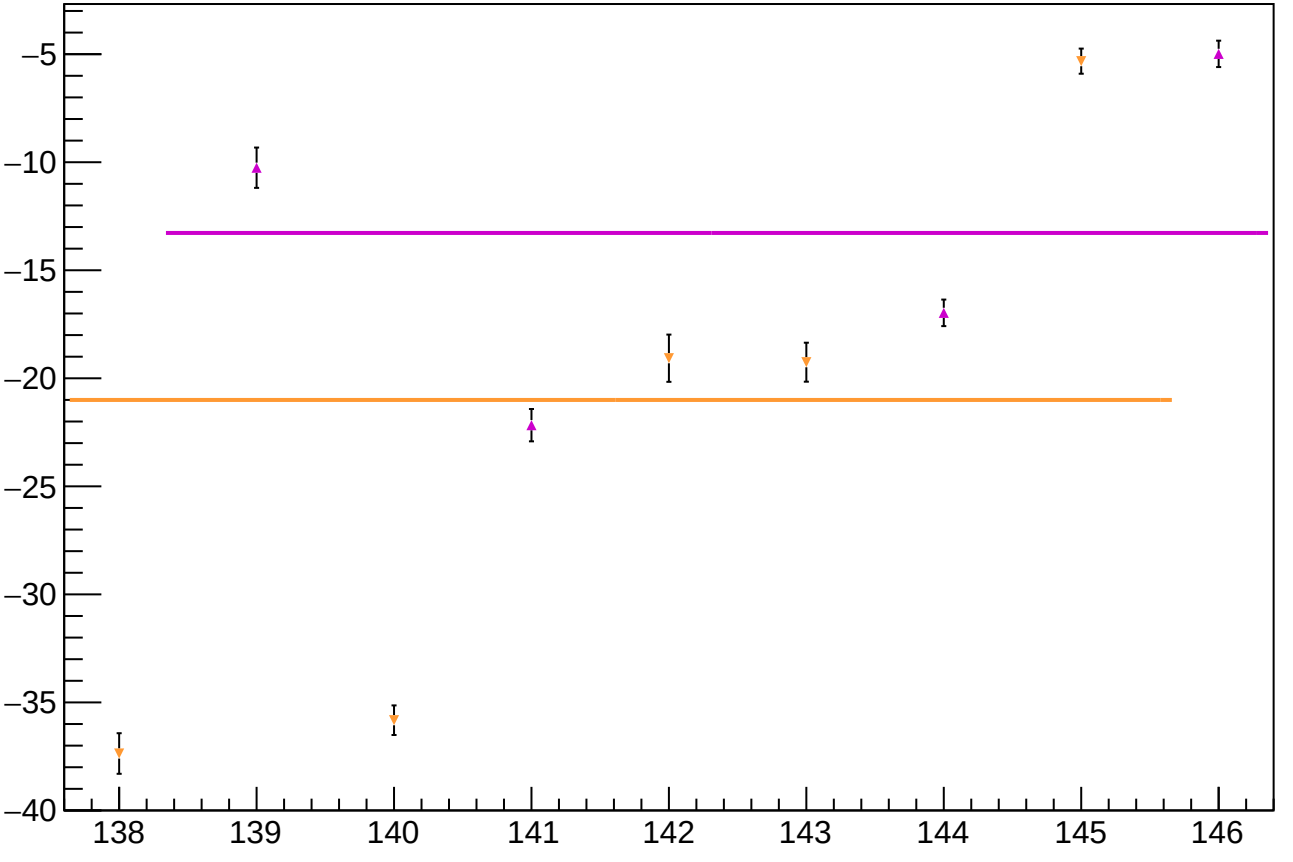
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.124+/-0.006 χ^2/NDF:1485.6/20

Out: 0.144+/-0.006 χ^2/NDF:2309.8/23

All: 0.134+/-0.004 χ^2/NDF: 3800.4/44

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: -21.002+/-0.347 χ^2/NDF:1505.9/4

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

Left In: -13.273+/-0.348 χ^2/NDF:372.3/3

Left: -17.142+/-0.246 χ^2/NDF: 2125.5/8

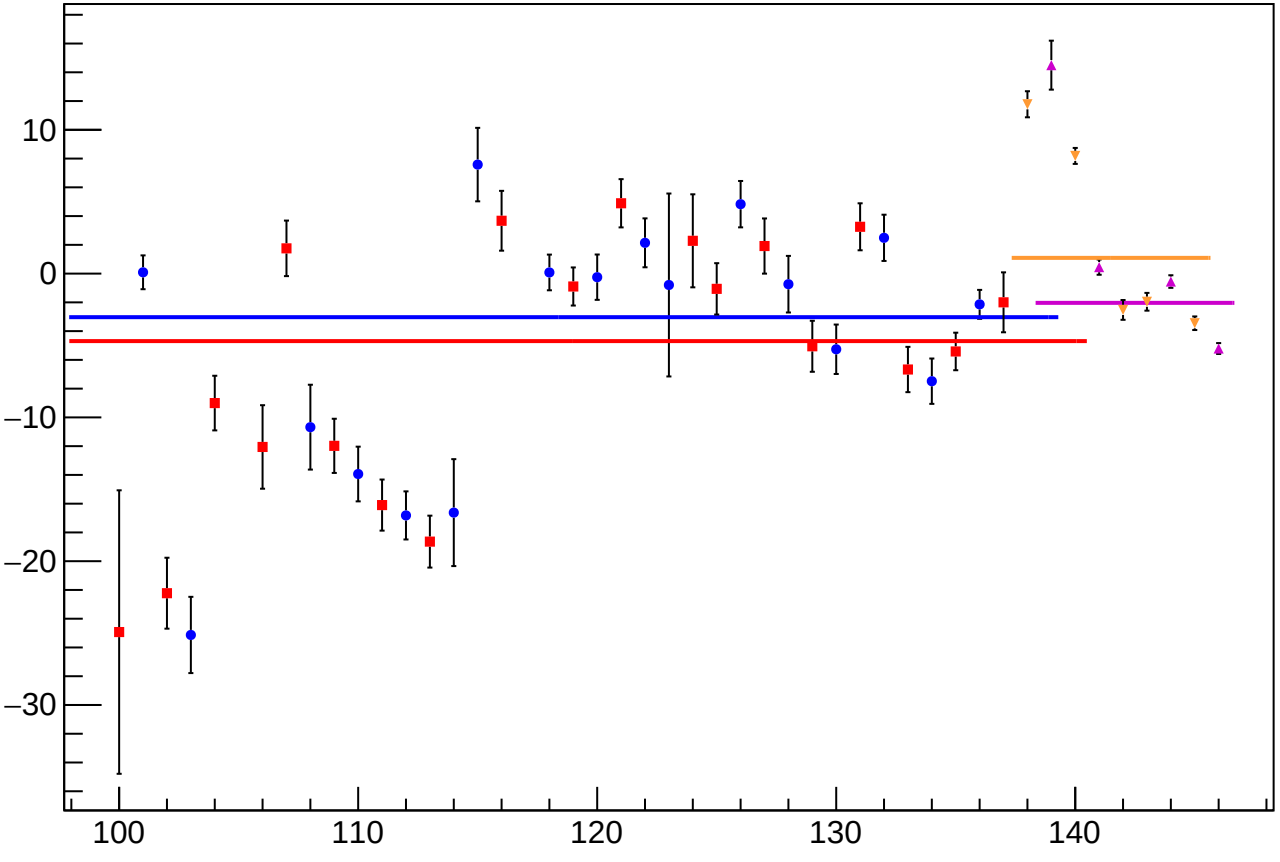
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.273+/-0.348 χ^2/NDF:372.3/3

Out: -21.002+/-0.347 χ^2/NDF:1505.9/4

All: -17.142+/-0.246 χ^2/NDF: 2125.5/8

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: 1.094+/-0.270 χ^2/NDF:446.5/4

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -2.034+/-0.249 χ^2/NDF:198.5/3

Left: -0.600+/-0.183 χ^2/NDF: 717.4/8

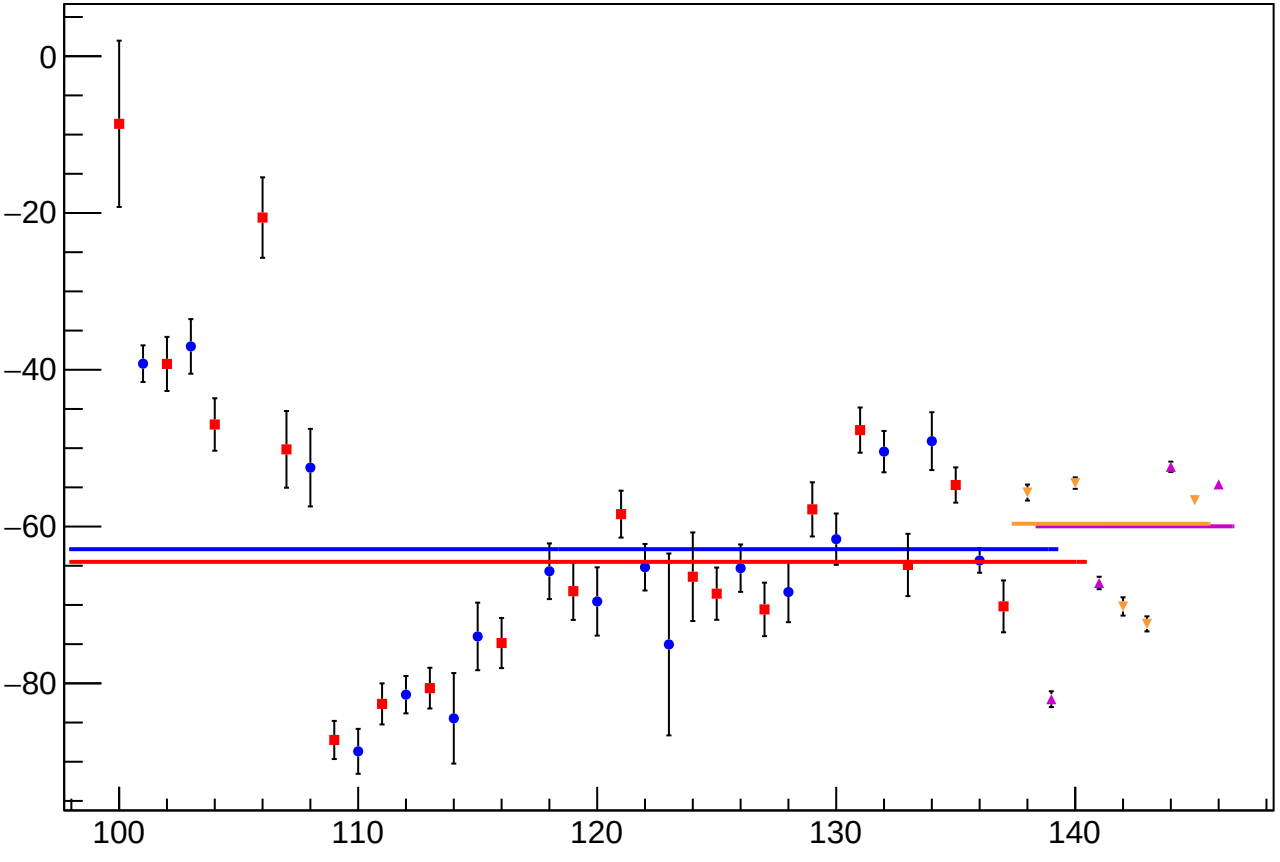
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -2.305+/-0.212 χ^2/NDF:483.6/20

Out: -0.565+/-0.228 χ^2/NDF:876.1/23

All: -1.498+/-0.156 χ^2/NDF: 1390.8/44

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: -59.644+/-0.371 χ^2/NDF:346.9/4

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -59.969+/-0.359 χ^2/NDF:777.0/3

Left: -59.812+/-0.258 χ^2/NDF: 1124.3/8

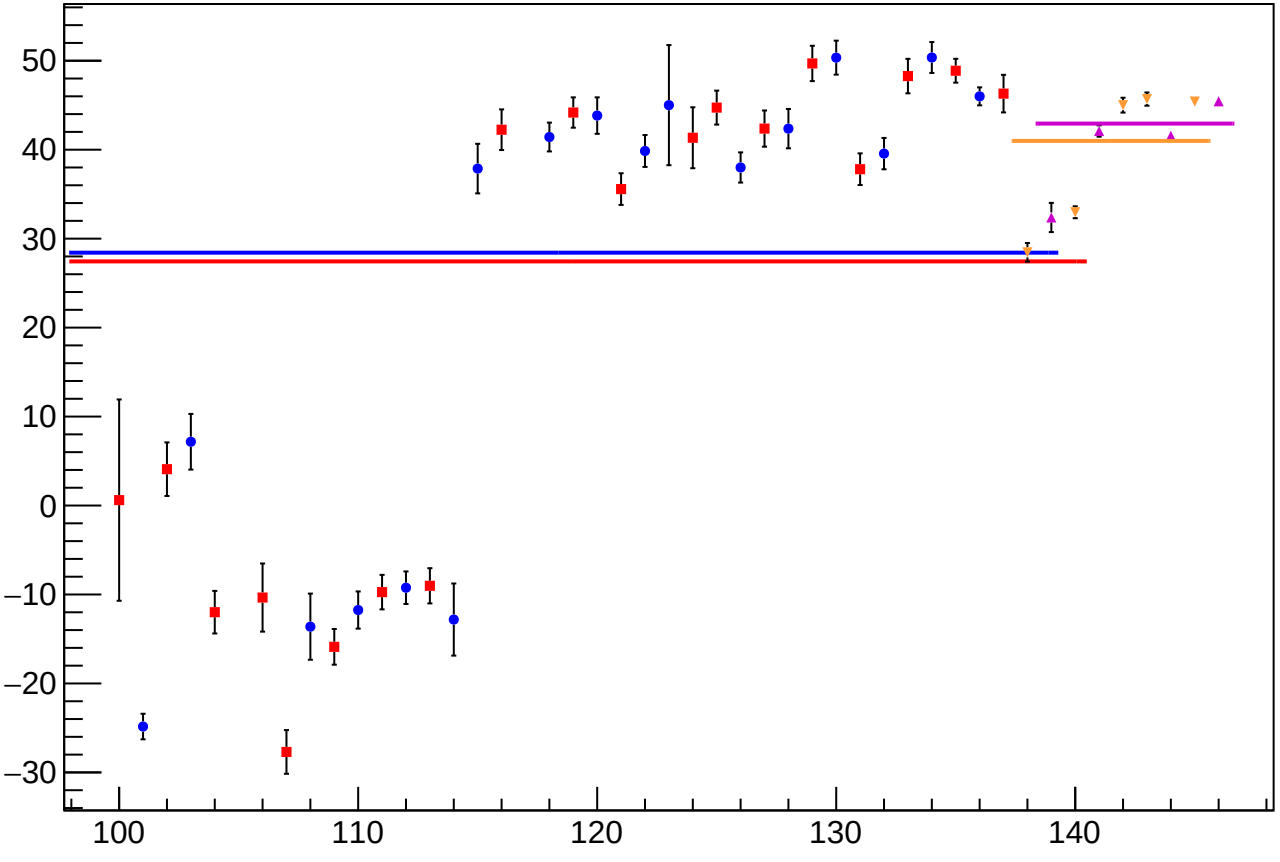
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -60.527+/-0.322 χ^2/NDF:1158.4/20

Out: -60.594+/-0.332 χ^2/NDF:824.7/23

All: -60.559+/-0.231 χ^2/NDF: 1983.1/44

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 40.986+/-0.320 χ^2/NDF:414.4/4

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 42.935+/-0.302 χ^2/NDF:77.8/3

Left: 42.017+/-0.220 χ^2/NDF: 511.9/8

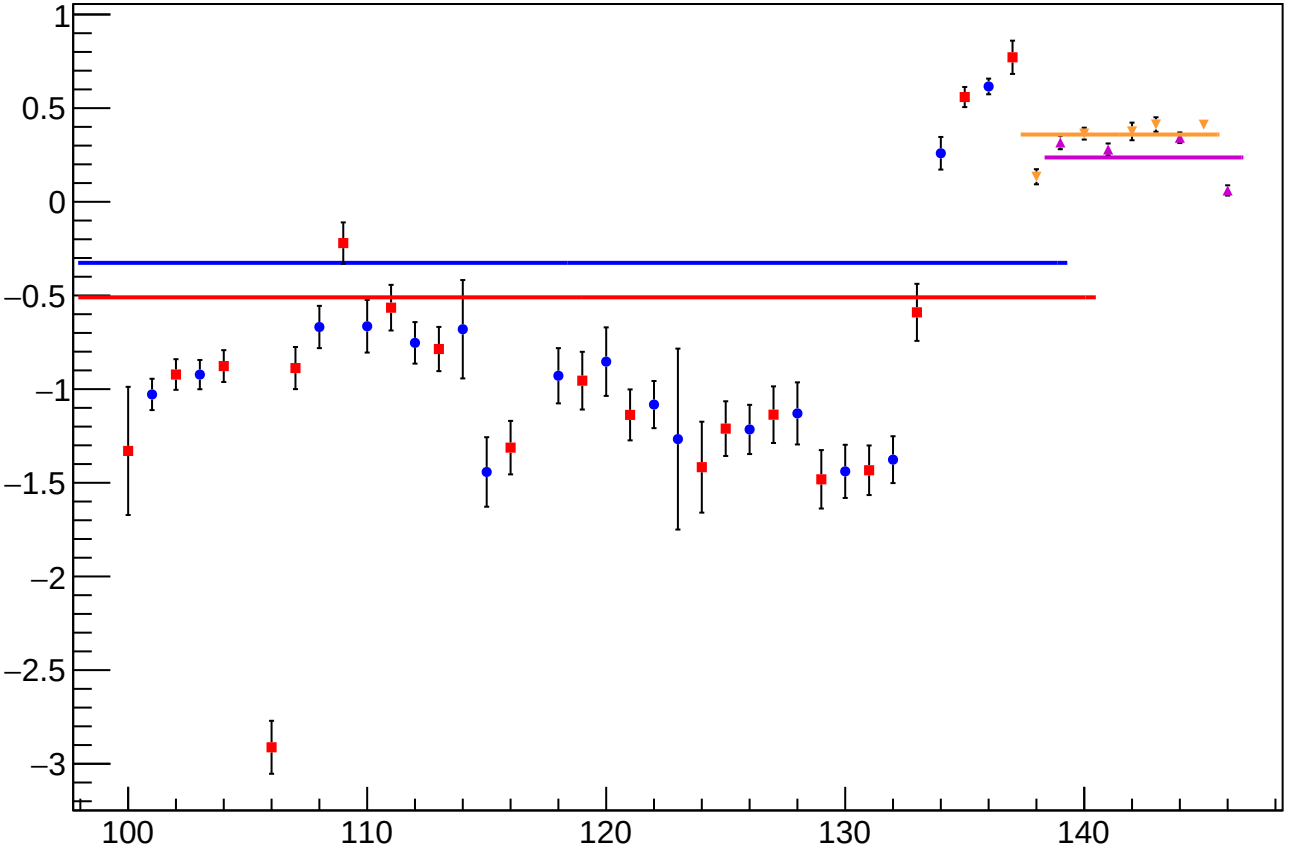
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 38.521+/-0.252 χ^2/NDF:4109.3/20

Out: 36.794+/-0.266 χ^2/NDF:4000.4/23

All: 37.704+/-0.183 χ^2/NDF: 8131.8/44

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: 0.359+/-0.015 χ^2/NDF:37.9/4

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.237+/-0.015 χ^2/NDF:61.7/3

Left: 0.299+/-0.011 χ^2/NDF: 132.3/8

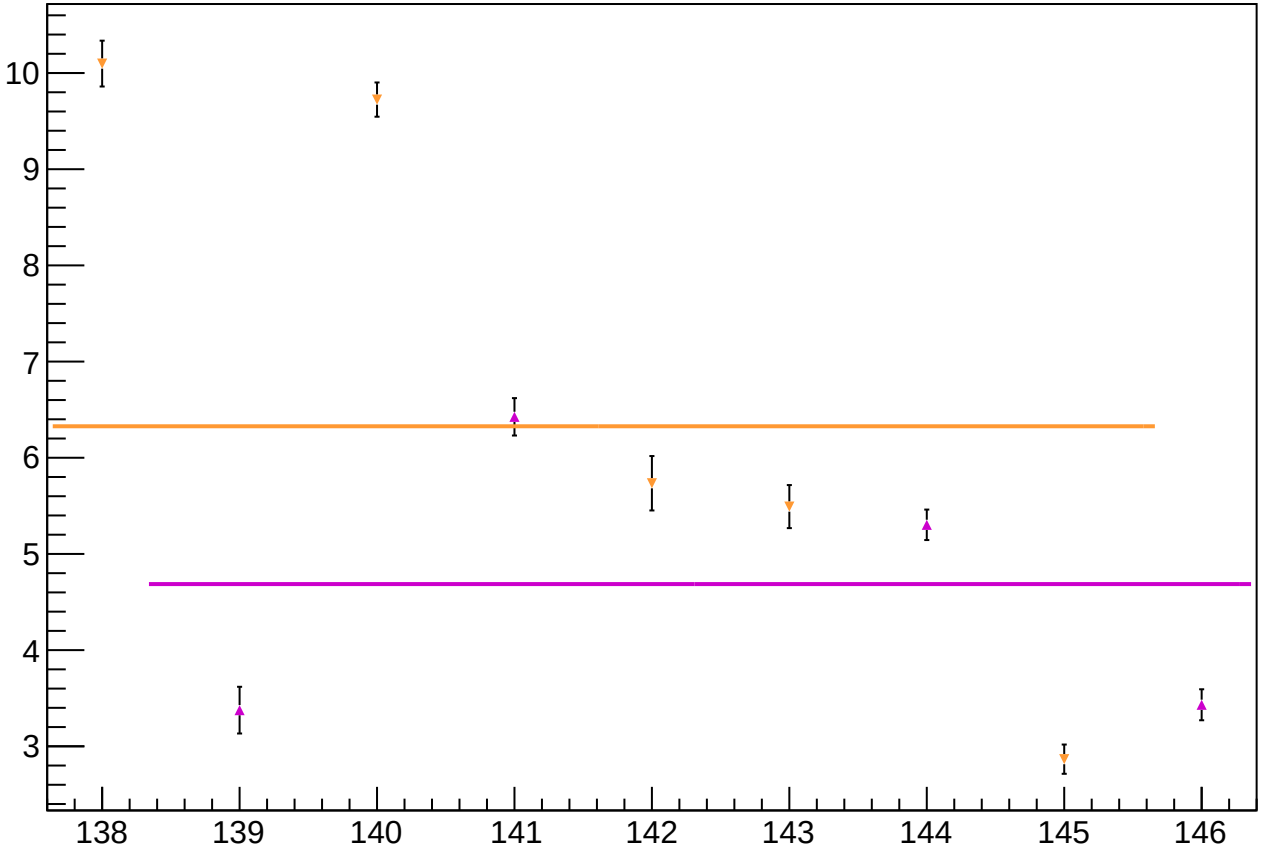
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.083+/-0.013 χ^2/NDF:1446.1/20

Out: 0.138+/-0.013 χ^2/NDF:2059.4/23

All: 0.111+/-0.009 χ^2/NDF: 3514.3/44

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 6.327+/-0.090 χ^2/NDF:1150.1/4

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

Left In: 4.687+/-0.091 χ^2/NDF:184.9/3

Left: 5.517+/-0.064 χ^2/NDF: 1500.9/8

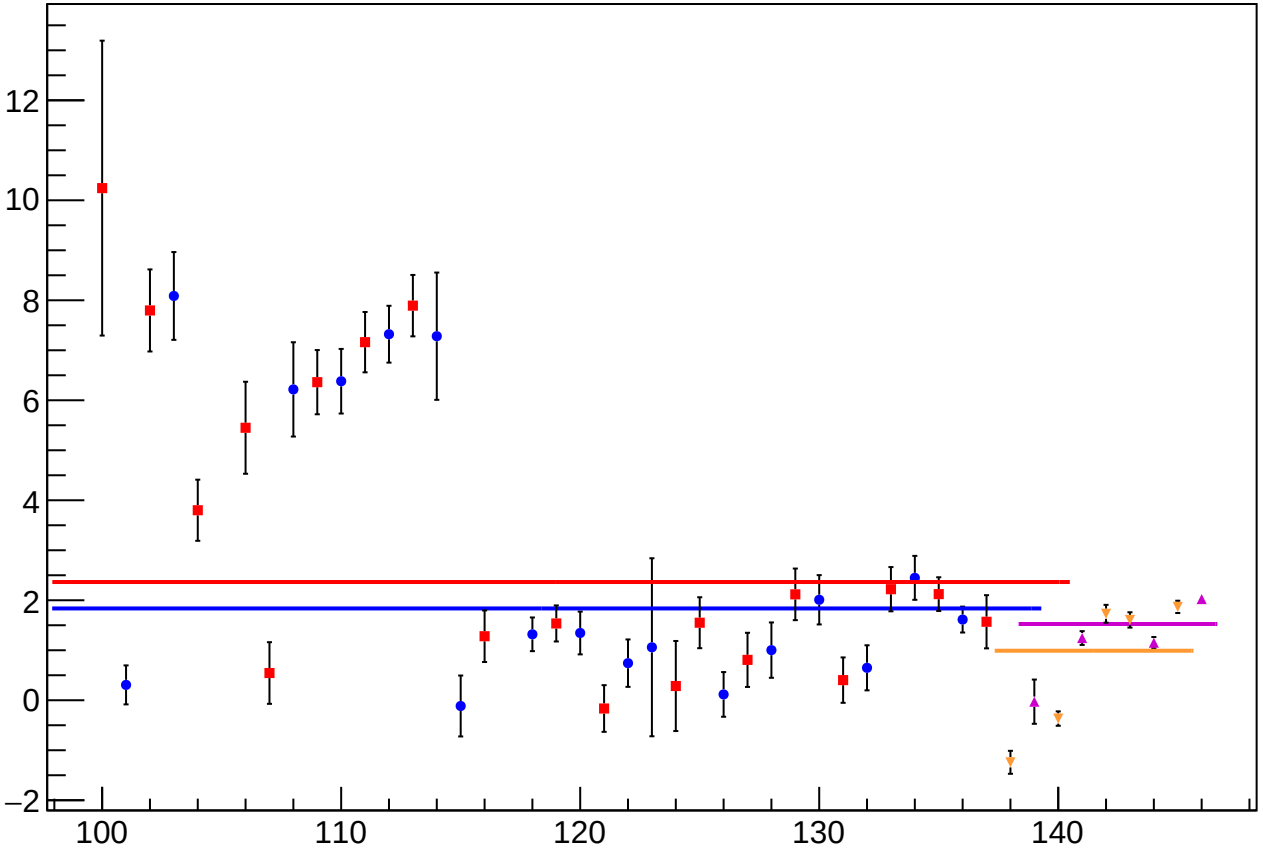
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.687+/-0.091 χ^2/NDF:184.9/3

Out: 6.327+/-0.090 χ^2/NDF:1150.1/4

All: 5.517+/-0.064 χ^2/NDF: 1500.9/8

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 0.990+/-0.069 χ^2/NDF:267.2/4

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.525+/-0.064 χ^2/NDF:53.4/3

Left: 1.278+/-0.047 χ^2/NDF: 352.5/8

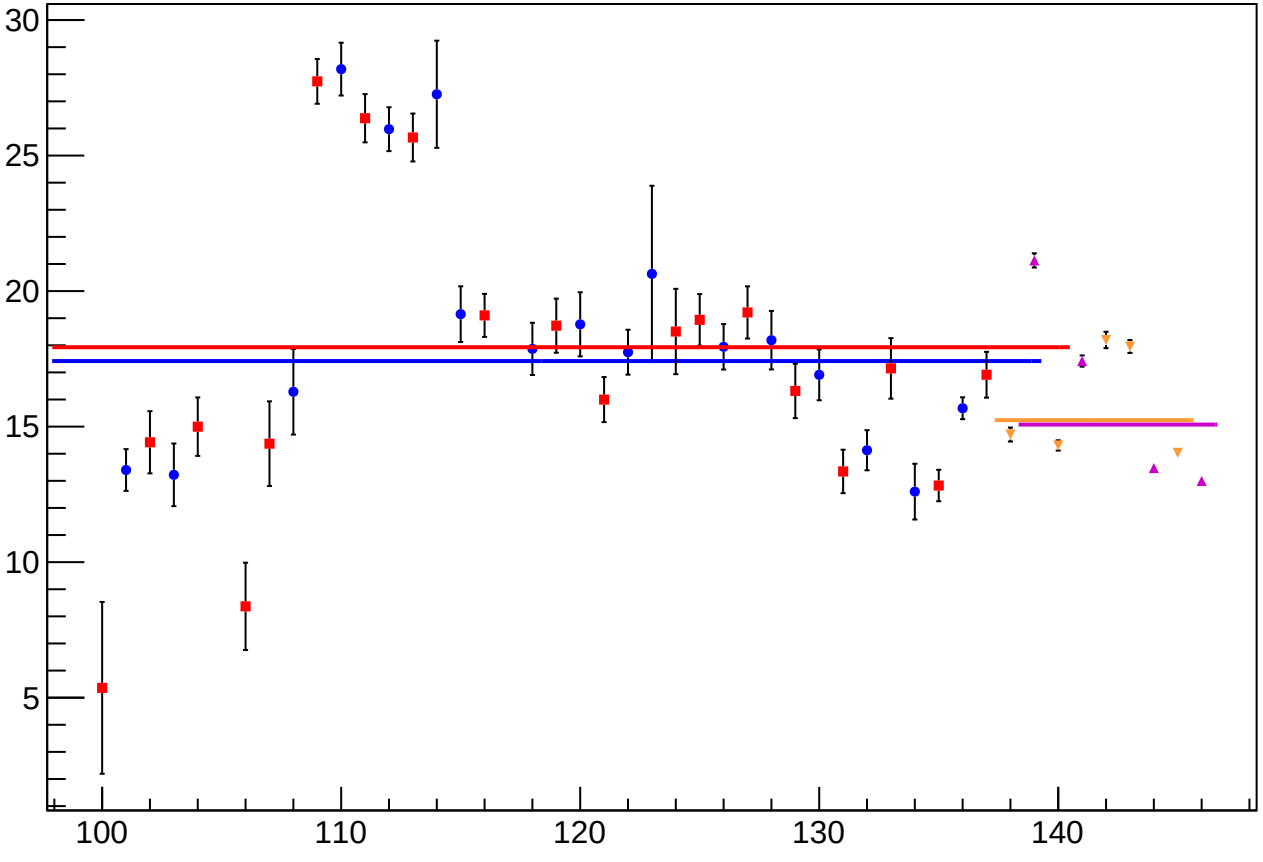
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.598+/-0.056 χ^2/NDF:353.8/20

Out: 1.324+/-0.060 χ^2/NDF:698.7/23

All: 1.471+/-0.041 χ^2/NDF: 1063.6/44

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 15.238+/-0.096 χ^2/NDF:309.0/4

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 15.076+/-0.093 χ^2/NDF:930.9/3

Left: 15.155+/-0.067 χ^2/NDF: 1241.4/8

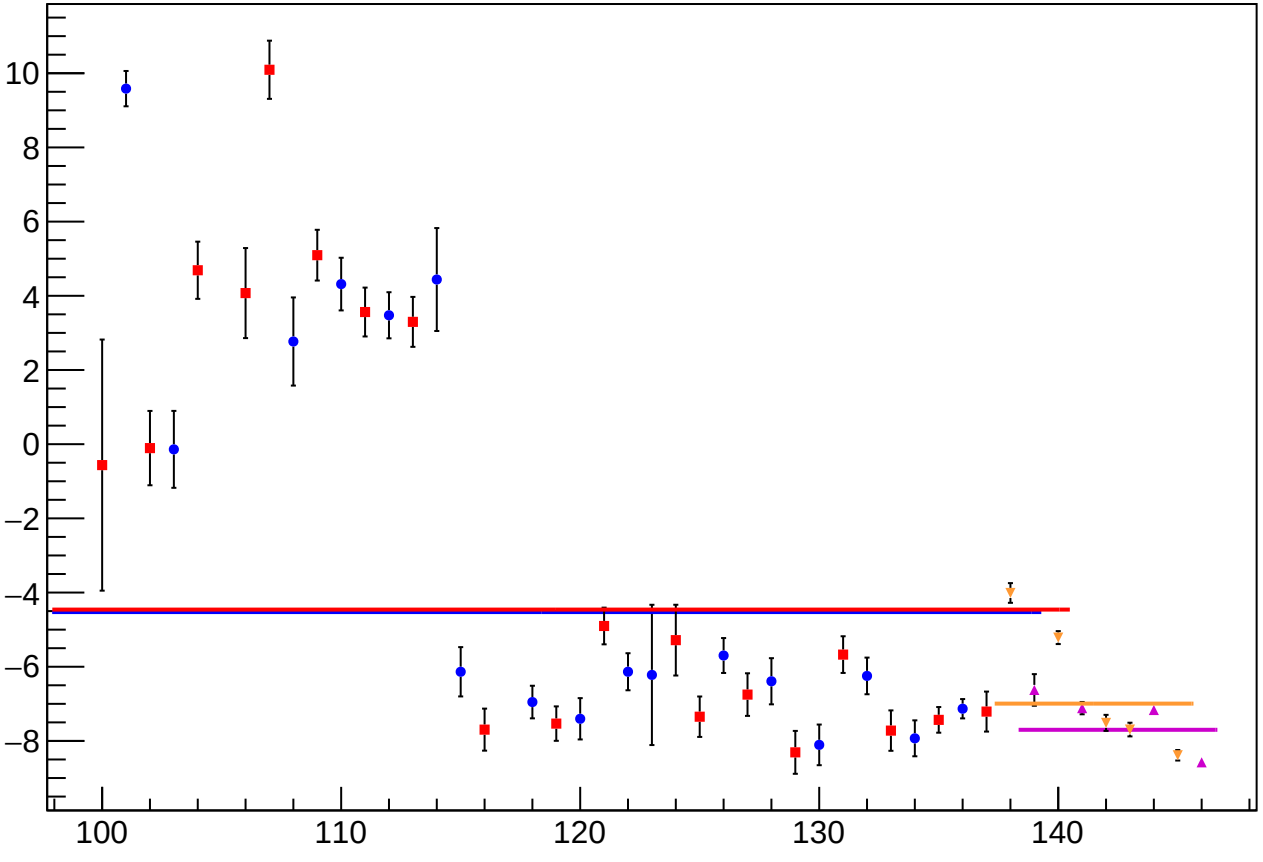
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 15.458+/-0.086 χ^2/NDF:1400.2/20

Out: 15.668+/-0.088 χ^2/NDF:942.4/23

All: 15.561+/-0.061 χ^2/NDF: 2345.5/44

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: -6.994+/-0.082 χ^2/NDF:346.5/4

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -7.700+/-0.078 χ^2/NDF:84.5/3

Left: -7.364+/-0.057 χ^2/NDF: 469.5/8

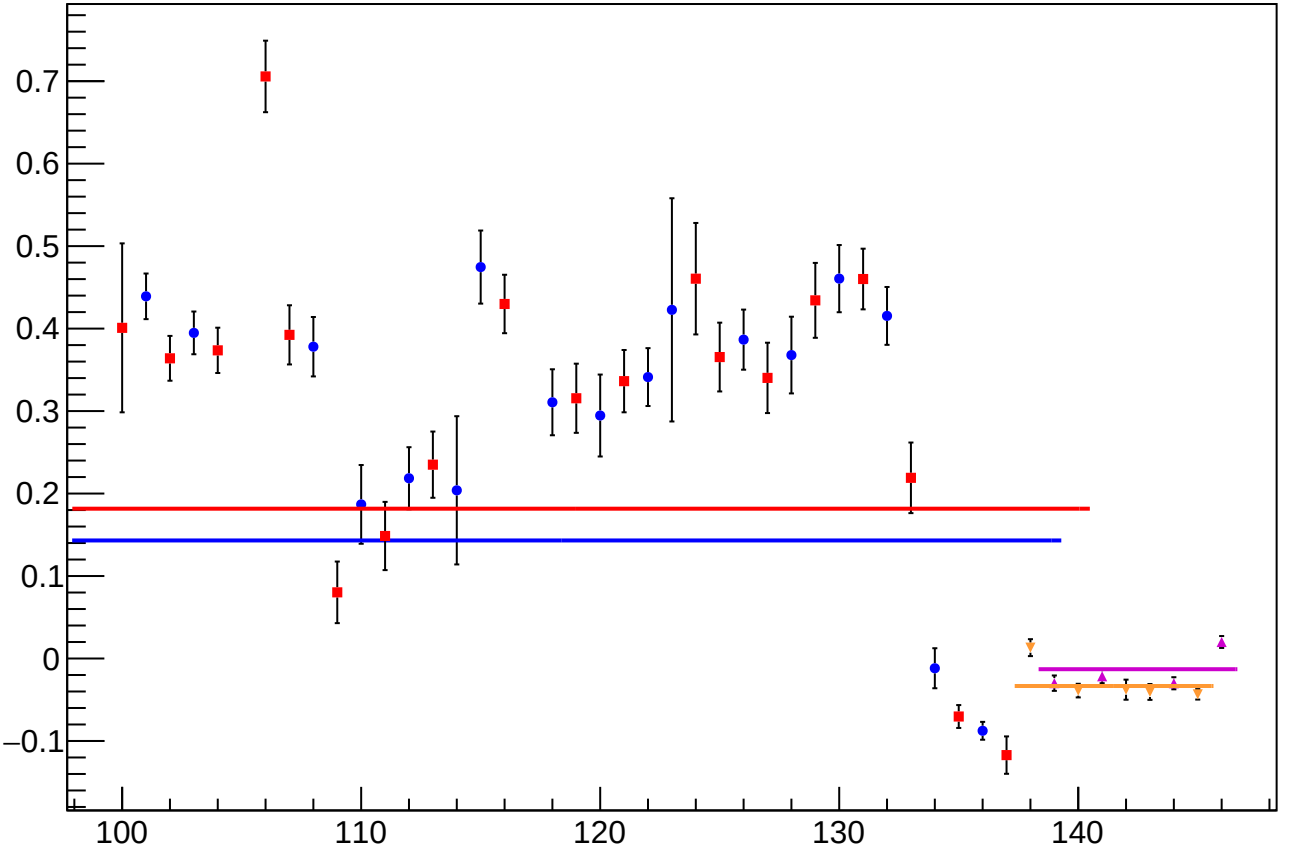
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.848+/-0.067 χ^2/NDF:2114.0/20

Out: -6.321+/-0.071 χ^2/NDF:1937.0/23

All: -6.598+/-0.049 χ^2/NDF: 4080.2/44

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: -0.033+/-0.004 χ^2/NDF:24.2/4

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.013+/-0.004 χ^2/NDF:30.6/3

Left: -0.023+/-0.003 χ^2/NDF: 68.3/8

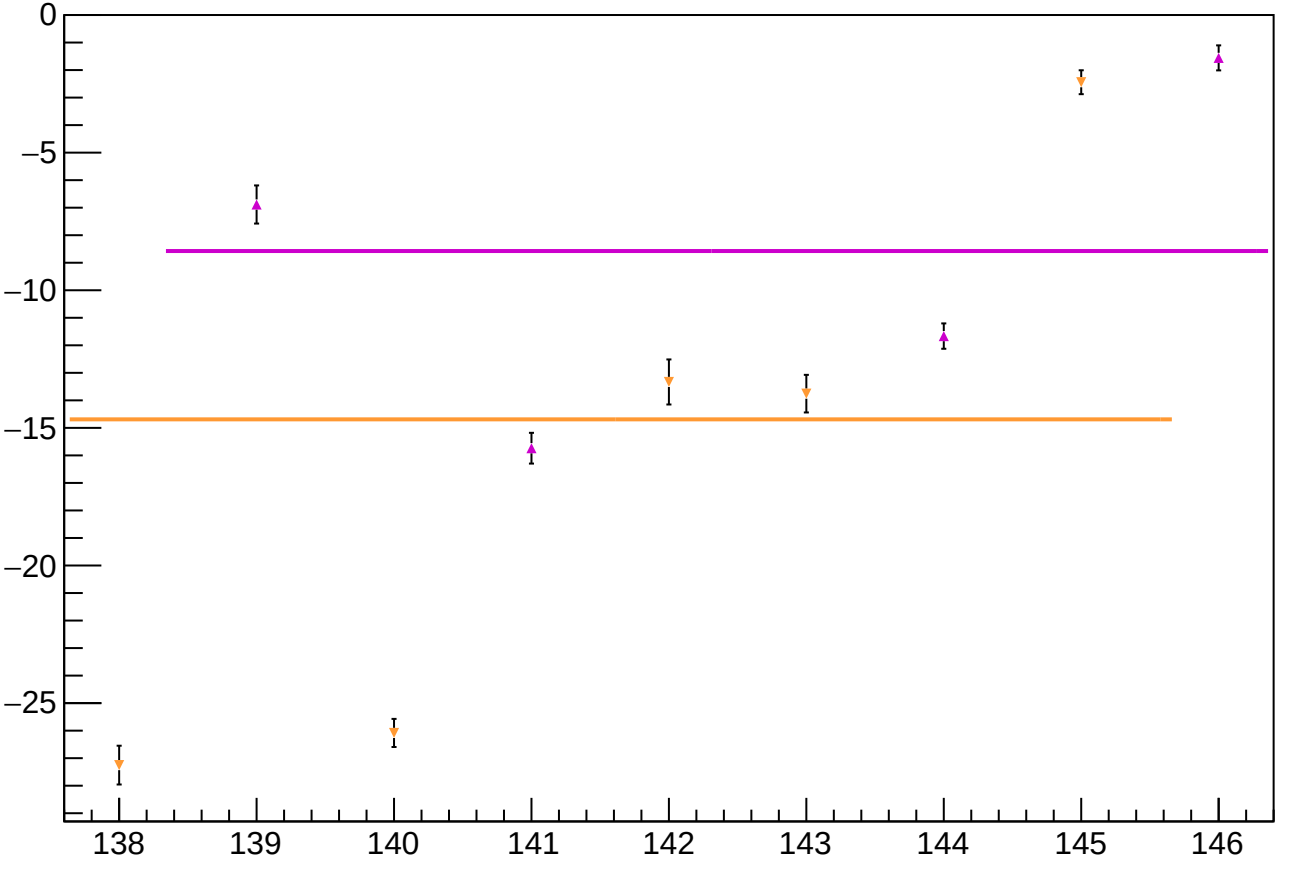
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.025+/-0.003 χ^2/NDF:1463.3/20

Out: 0.013+/-0.003 χ^2/NDF:1696.2/23

All: 0.019+/-0.002 χ^2/NDF: 3165.1/44

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: -14.690+/-0.260 χ^2/NDF:1616.3/4

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

Left In: -8.575+/-0.260 χ^2/NDF:453.8/3

Left: -11.627+/-0.184 χ^2/NDF: 2347.2/8

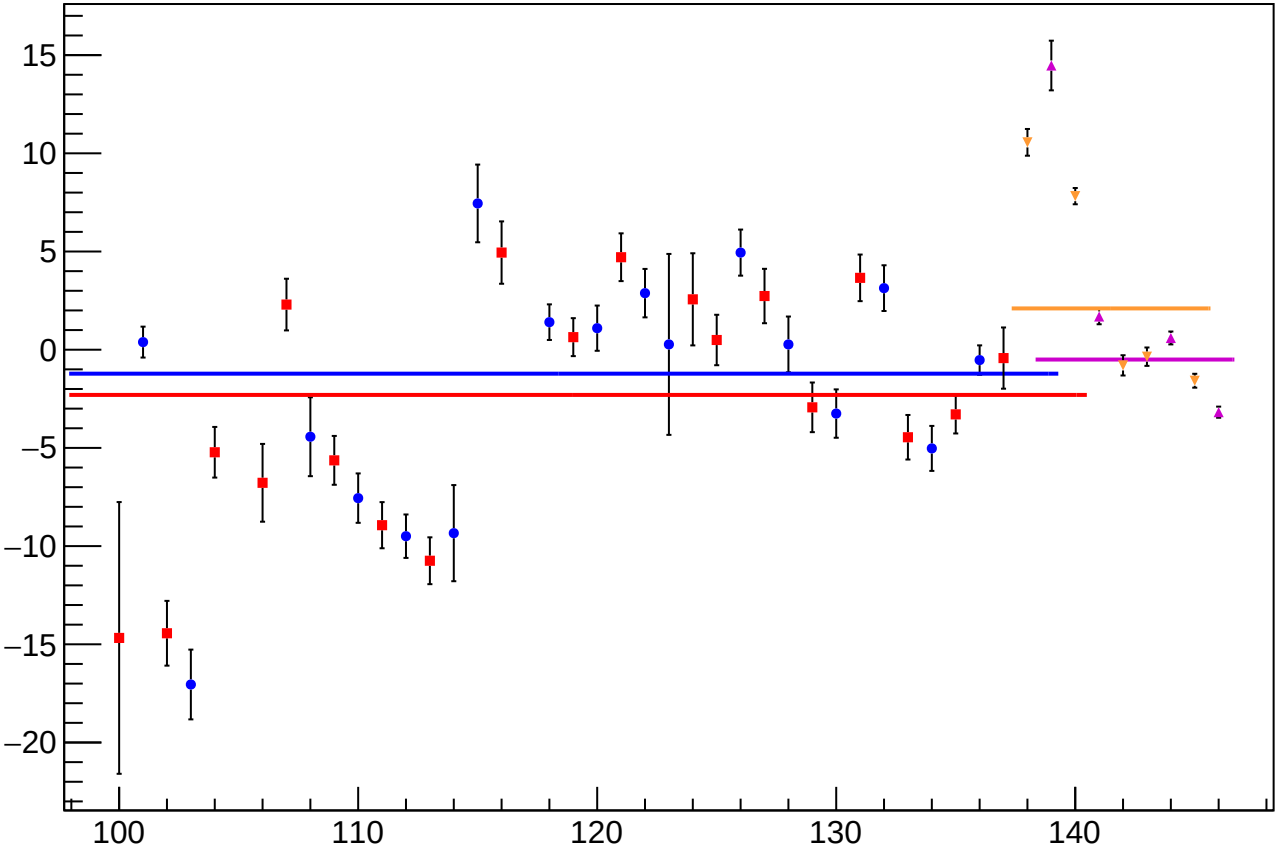
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.575+/-0.260 χ^2/NDF:453.8/3

Out: -14.690+/-0.260 χ^2/NDF:1616.3/4

All: -11.627+/-0.184 χ^2/NDF: 2347.2/8

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 2.102+/-0.203 χ^2/NDF:512.4/4

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: -0.501+/-0.186 χ^2/NDF:271.8/3

Left: 0.691+/-0.137 χ^2/NDF: 873.5/8

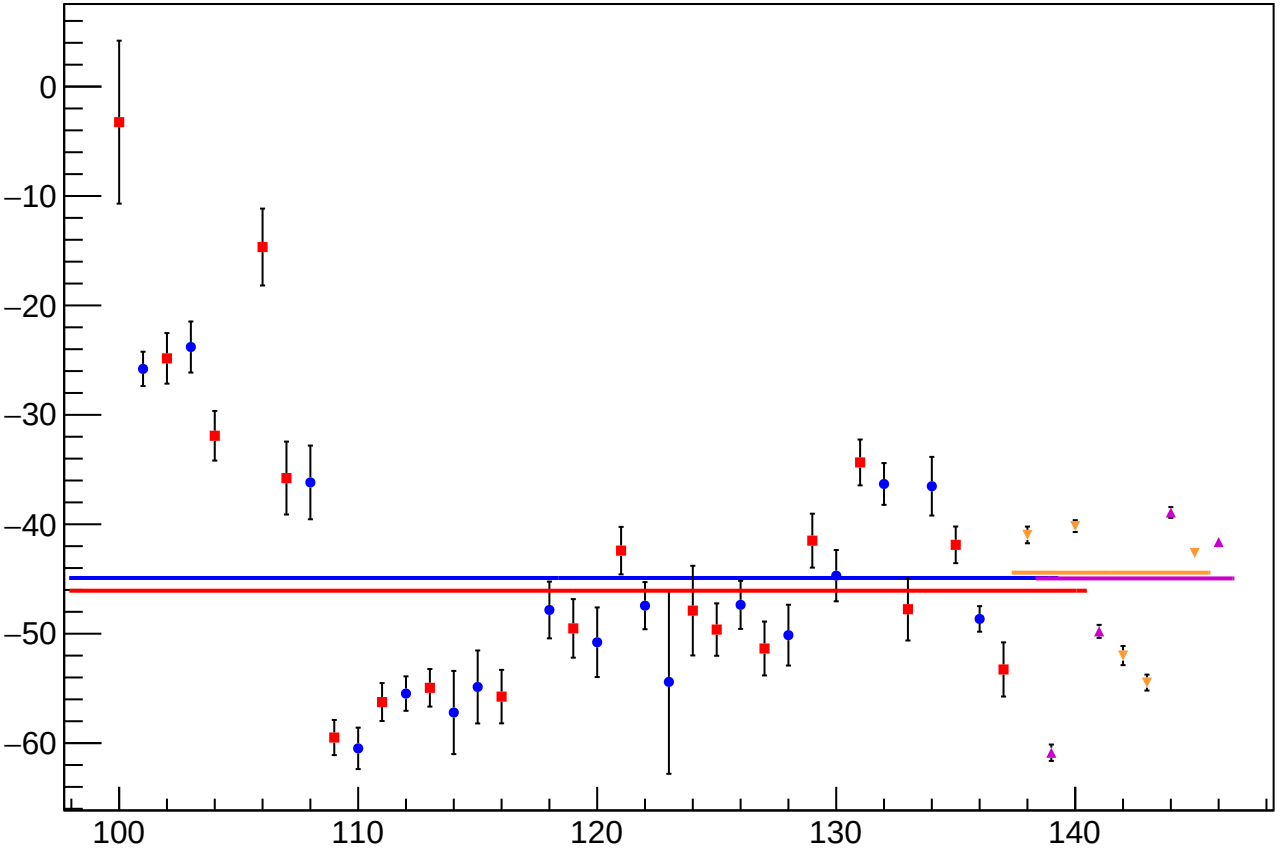
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: -0.711+/-0.157 χ^2/NDF:554.8/20

Out: 0.736+/-0.168 χ^2/NDF:944.9/23

All: -0.039+/-0.115 χ^2/NDF: 1539.2/44

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -44.420+/-0.277 χ^2/NDF:361.5/4

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -44.948+/-0.268 χ^2/NDF:726.0/3

Left: -44.694+/-0.193 χ^2/NDF: 1089.4/8

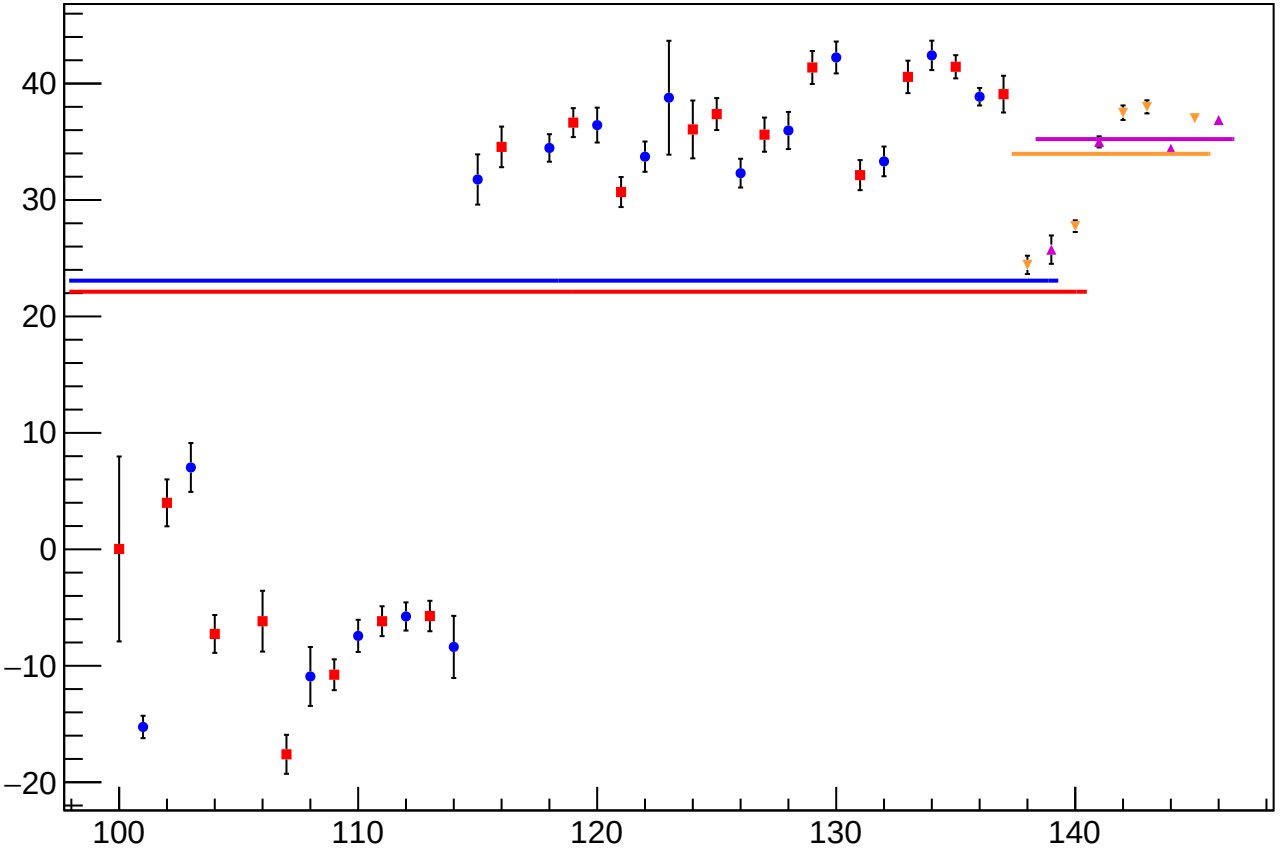
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -44.940+/-0.238 χ^2/NDF:1147.2/20

Out: -44.777+/-0.246 χ^2/NDF:823.2/23

All: -44.861+/-0.171 χ^2/NDF: 1970.6/44

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 33.964+/-0.240 χ^2/NDF:440.1/4

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 35.231+/-0.226 χ^2/NDF:86.6/3

Left: 34.636+/-0.165 χ^2/NDF: 541.4/8

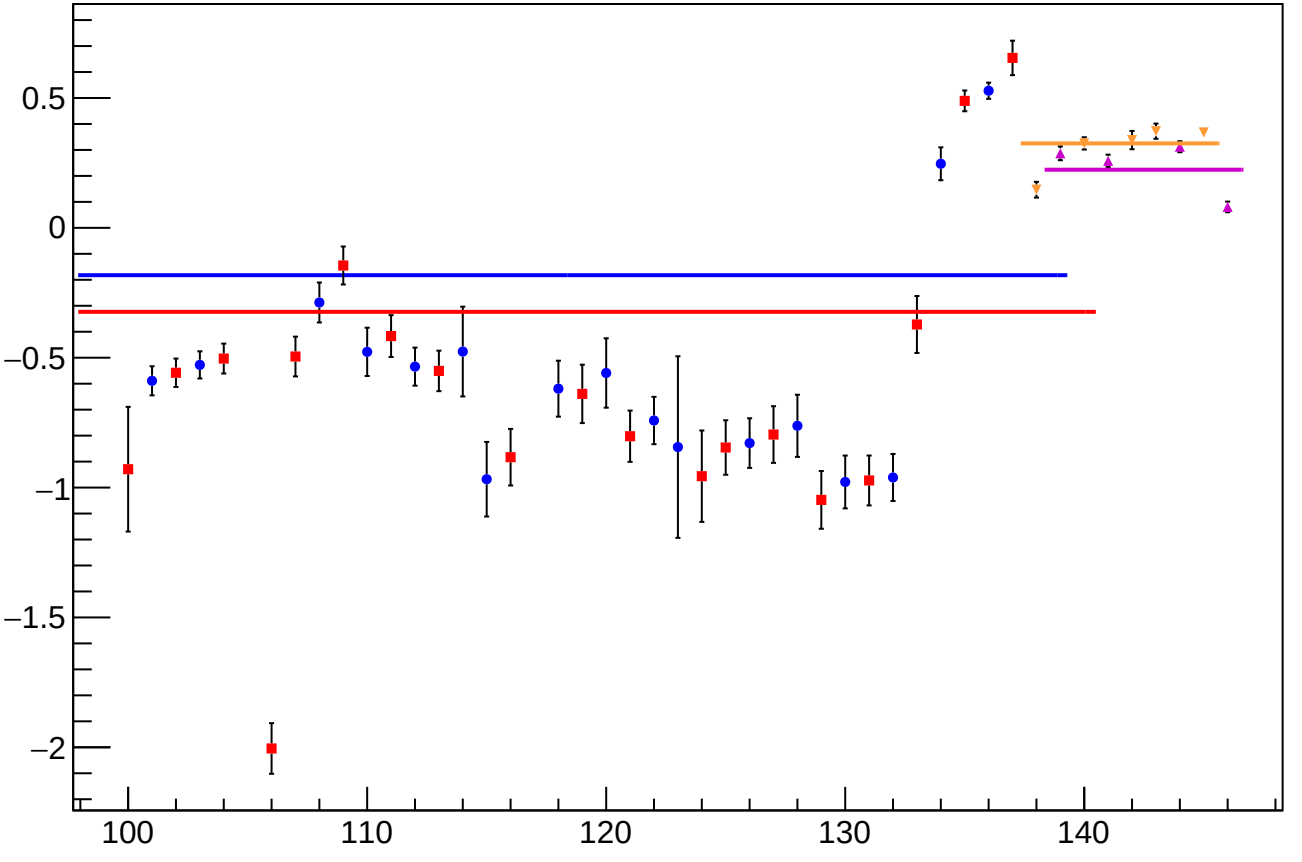
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 31.282+/-0.186 χ^2/NDF:5371.6/20

Out: 30.019+/-0.196 χ^2/NDF:5284.0/23

All: 30.685+/-0.135 χ^2/NDF: 10677.5/44

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: 0.325+/-0.011 χ^2/NDF:42.8/4

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.224+/-0.011 χ^2/NDF:74.0/3

Left: 0.275+/-0.008 χ^2/NDF: 157.0/8

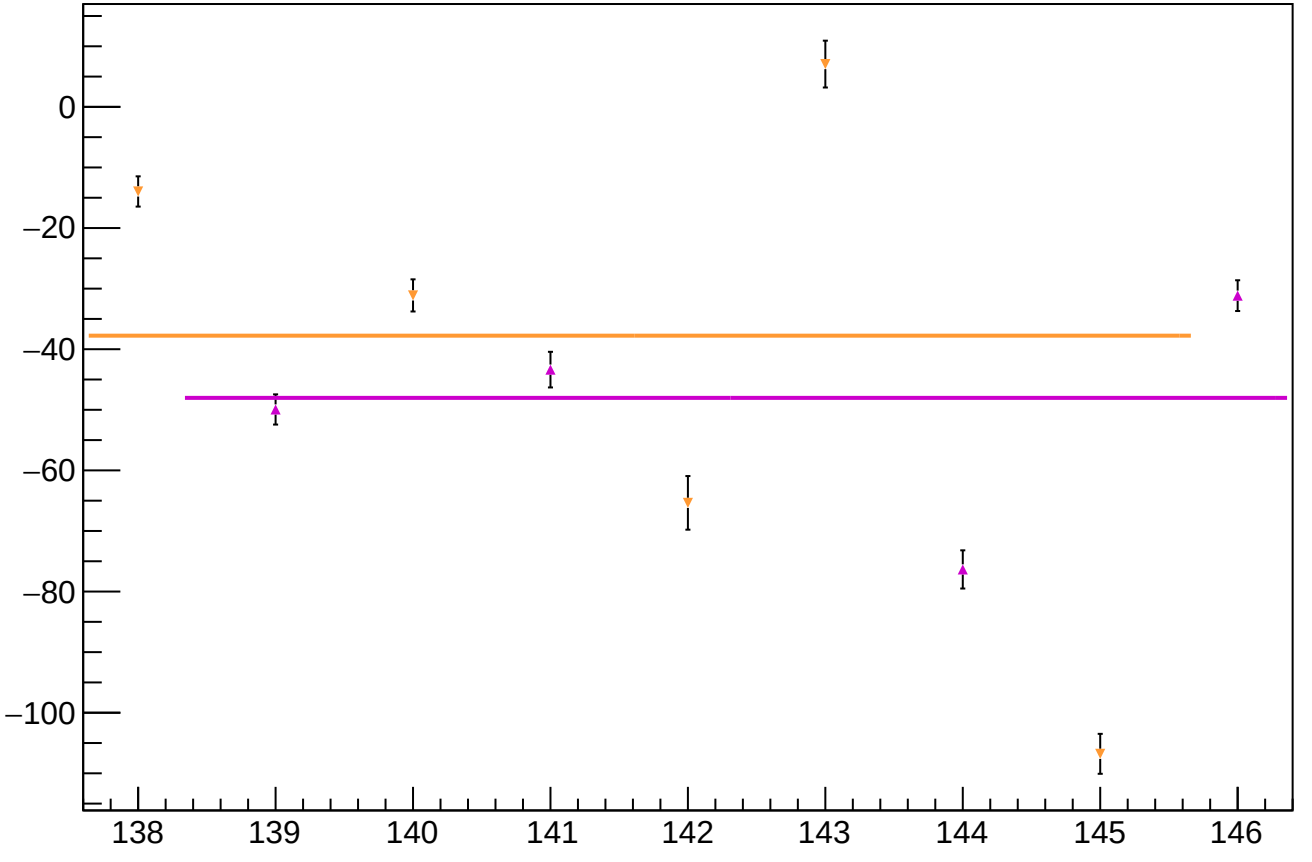
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.105+/-0.010 χ^2/NDF:1444.0/20

Out: 0.145+/-0.010 χ^2/NDF:2149.0/23

All: 0.126+/-0.007 χ^2/NDF: 3601.8/44

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.763+/-1.397 χ^2/NDF:708.9/4

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

Left In: -48.031+/-1.371 χ^2/NDF:128.0/3

Left: -42.995+/-0.978 χ^2/NDF: 864.4/8

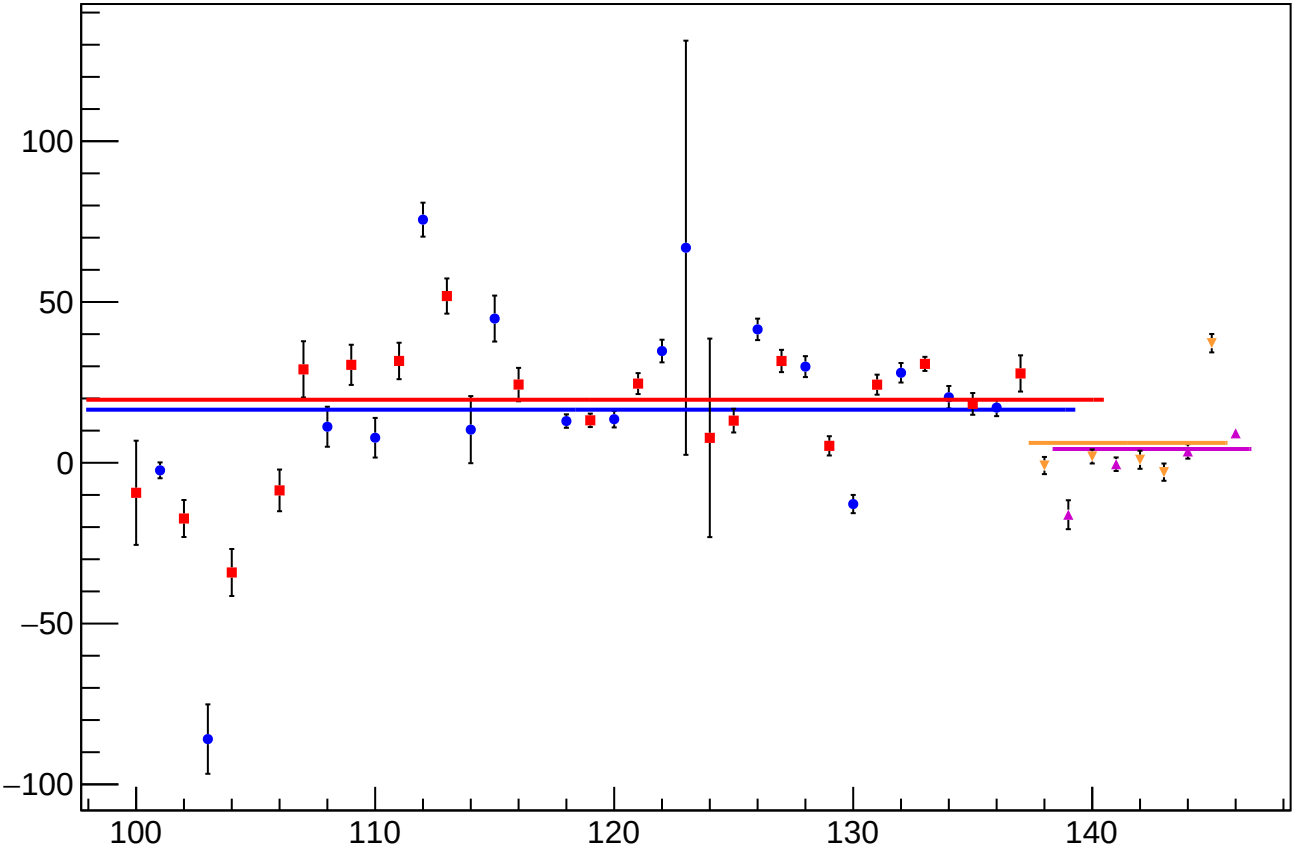
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -48.031+/-1.371 χ^2/NDF:128.0/3

Out: -37.763+/-1.397 χ^2/NDF:708.9/4

All: -42.995+/-0.978 χ^2/NDF: 864.4/8

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 6.184+/-1.165 χ^2/NDF:143.3/4

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 4.283+/-1.038 χ^2/NDF:36.6/3

Left: 5.125+/-0.775 χ^2/NDF: 181.4/8

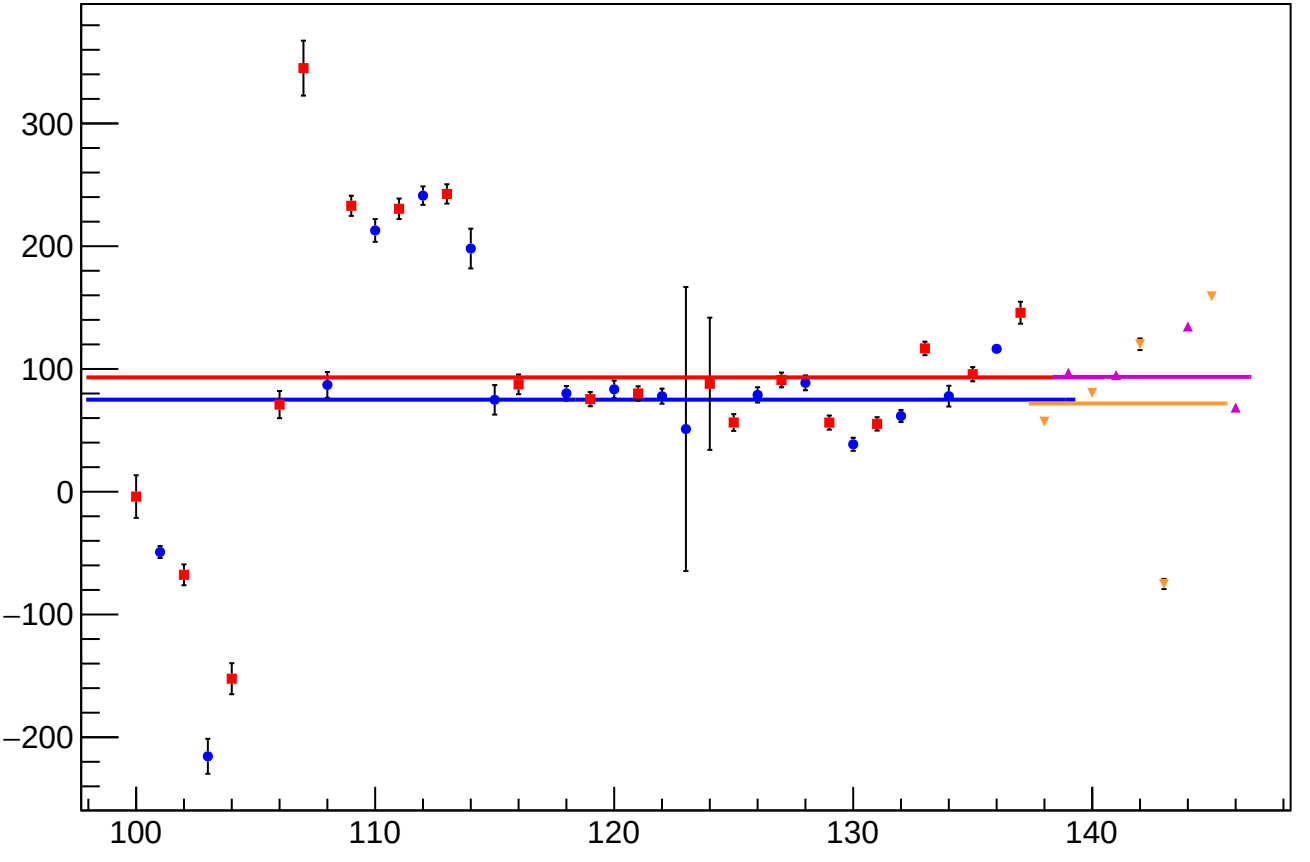
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 11.622+/-0.656 χ^2/NDF:639.5/20

Out: 14.599+/-0.711 χ^2/NDF:468.5/23

All: 12.991+/-0.482 χ^2/NDF: 1117.5/44

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 71.907+/-1.491 χ^2/NDF:2061.6/4

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 93.546+/-1.418 χ^2/NDF:256.0/3

Left: 83.264+/-1.027 χ^2/NDF: 2428.2/8

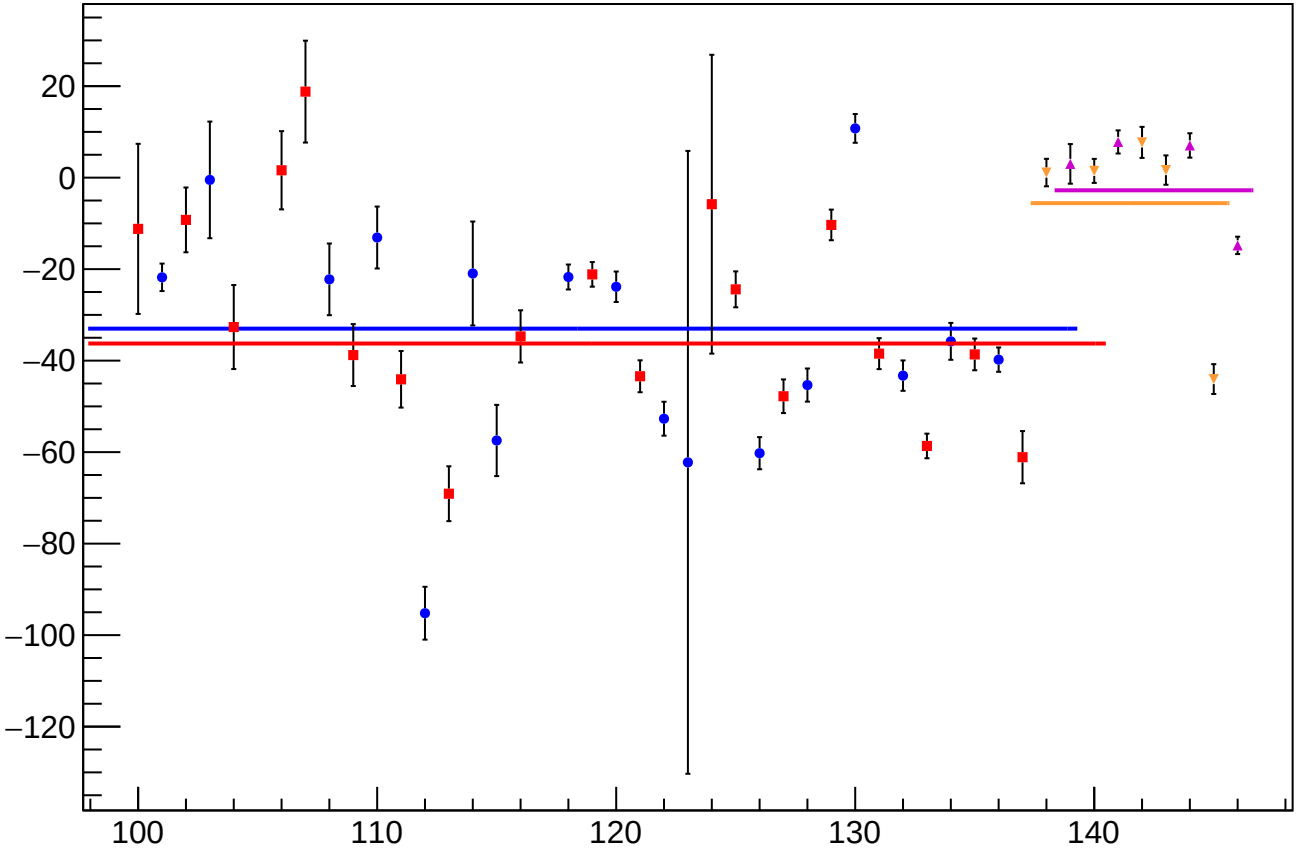
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 85.592+/-1.072 χ^2/NDF:2328.7/20

Out: 81.067+/-1.124 χ^2/NDF:4151.5/23

All: 83.438+/-0.776 χ^2/NDF: 6488.6/44

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -5.574+/-1.369 χ^2/NDF:171.6/4

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -2.769+/-1.262 χ^2/NDF:73.0/3

Left: -4.057+/-0.928 χ^2/NDF: 247.0/8

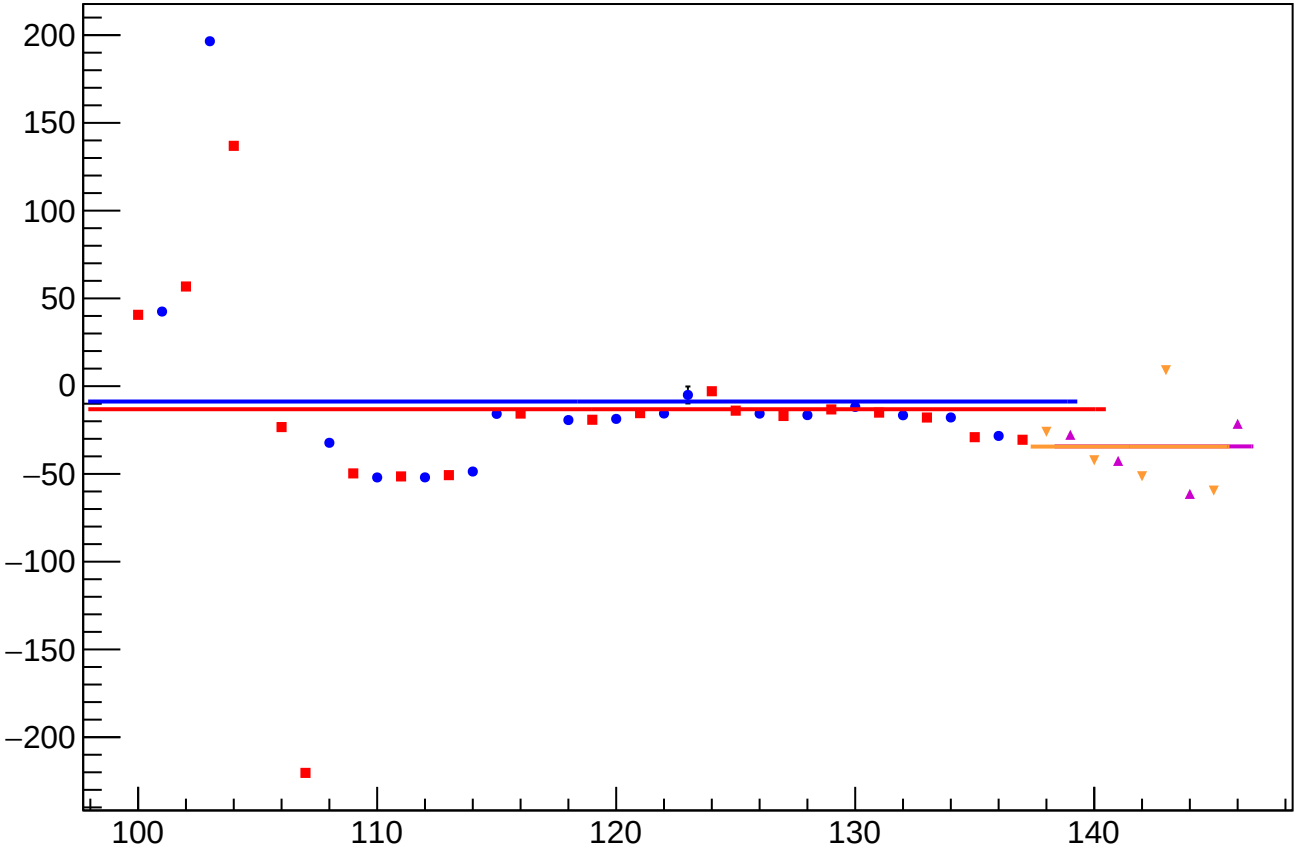
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -21.746+/-0.770 χ^2/NDF:926.6/20

Out: -25.232+/-0.821 χ^2/NDF:790.6/23

All: -23.378+/-0.561 χ^2/NDF: 1726.8/44

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -34.429+/-0.060 χ^2/NDF:122225.7/4

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -34.320+/-0.058 χ^2/NDF:55910.5/3

Left: -34.372+/-0.042 χ^2/NDF: 178137.9/8

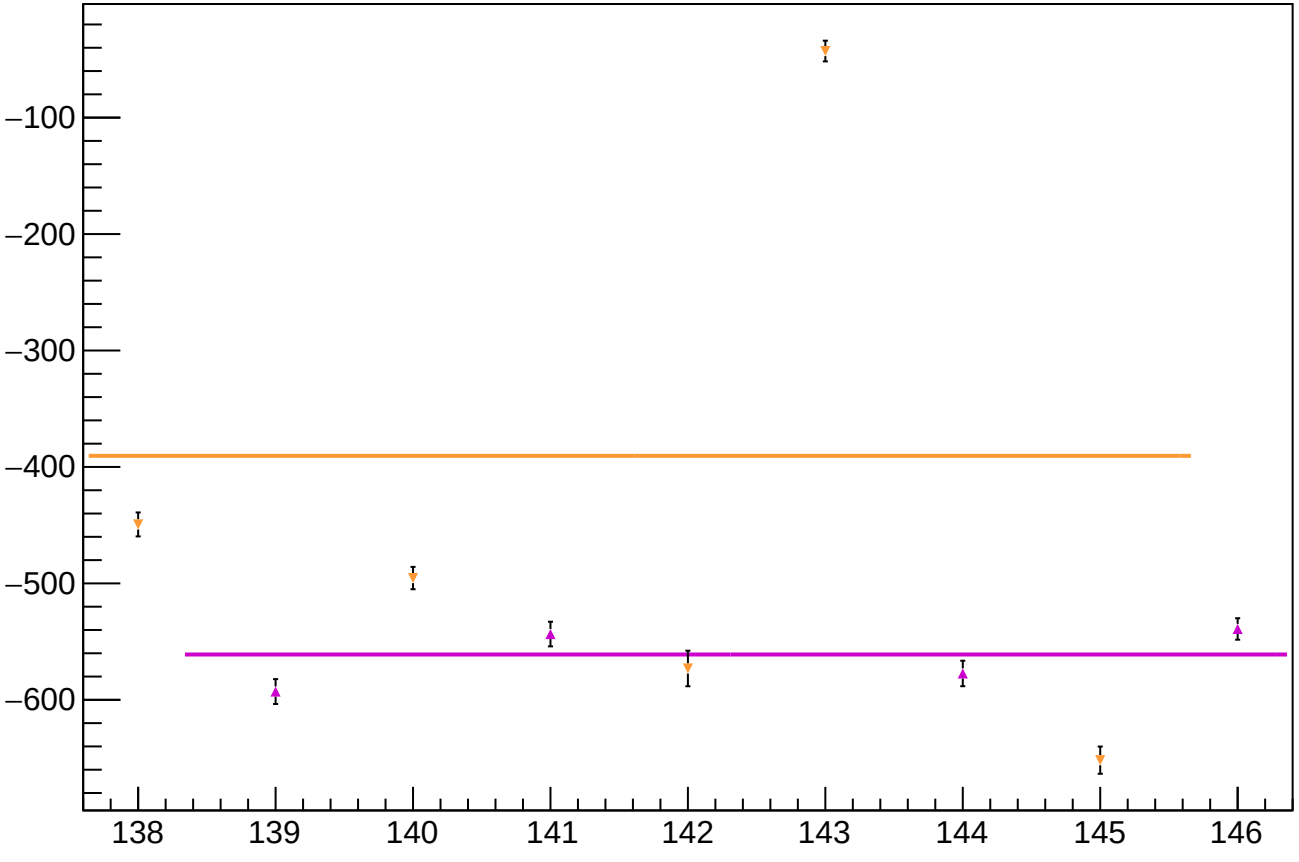
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -21.752+/-0.041 χ^2/NDF:728050.3/20

Out: -24.043+/-0.043 χ^2/NDF:741742.5/23

All: -22.846+/-0.030 χ^2/NDF: 1471267.4/44

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -390.450+/-4.739 χ^2/NDF:2320.8/4

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

Left In: -561.059+/-5.143 χ^2/NDF:19.5/3

Left: -468.787+/-3.485 χ^2/NDF: 2935.3/8

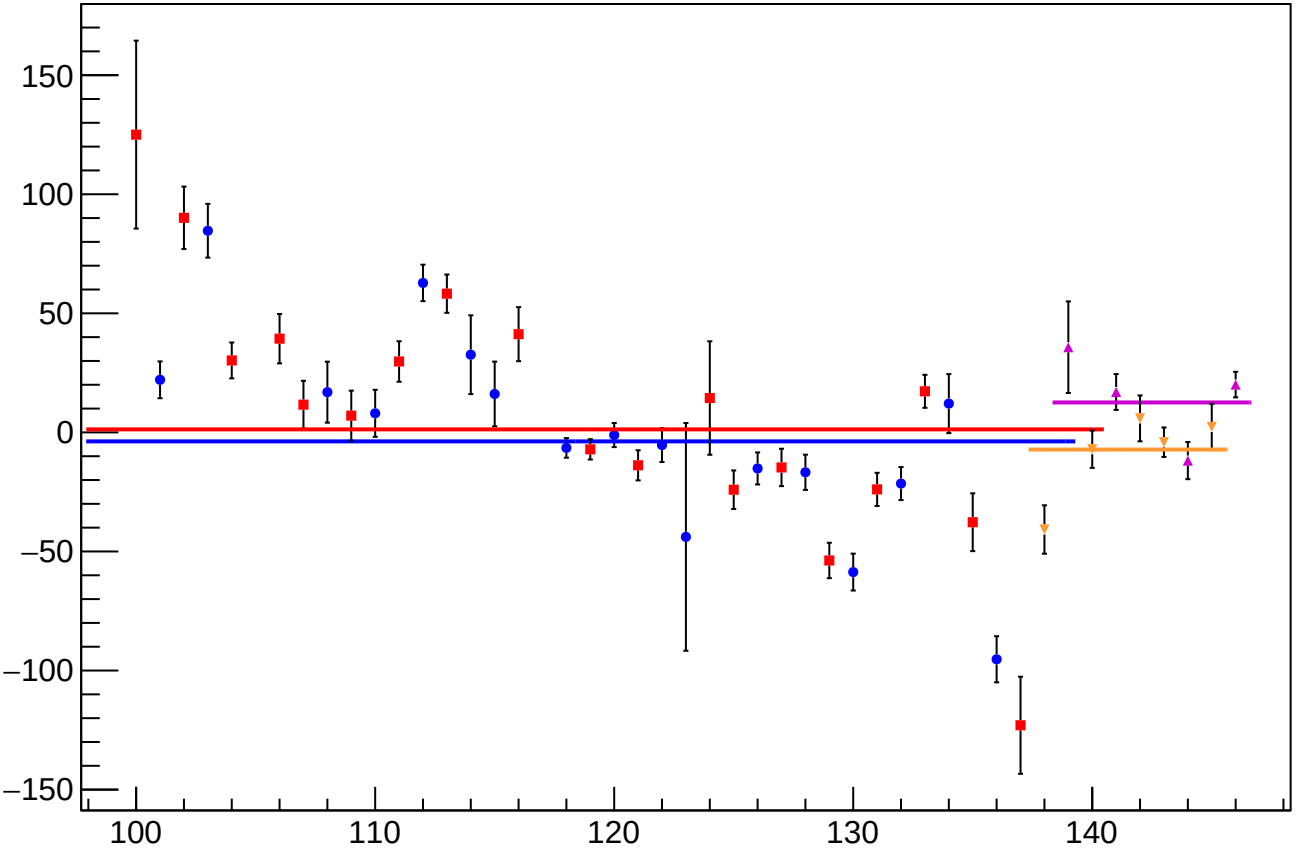
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -561.059+/-5.143 χ^2/NDF:19.5/3

Out: -390.450+/-4.739 χ^2/NDF:2320.8/4

All: -468.787+/-3.485 χ^2/NDF: 2935.3/8

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: -7.206+/-3.691 χ^2/NDF:14.0/4

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 12.571+/-3.737 χ^2/NDF:13.6/3

Left: 2.560+/-2.626 χ^2/NDF: 41.7/8

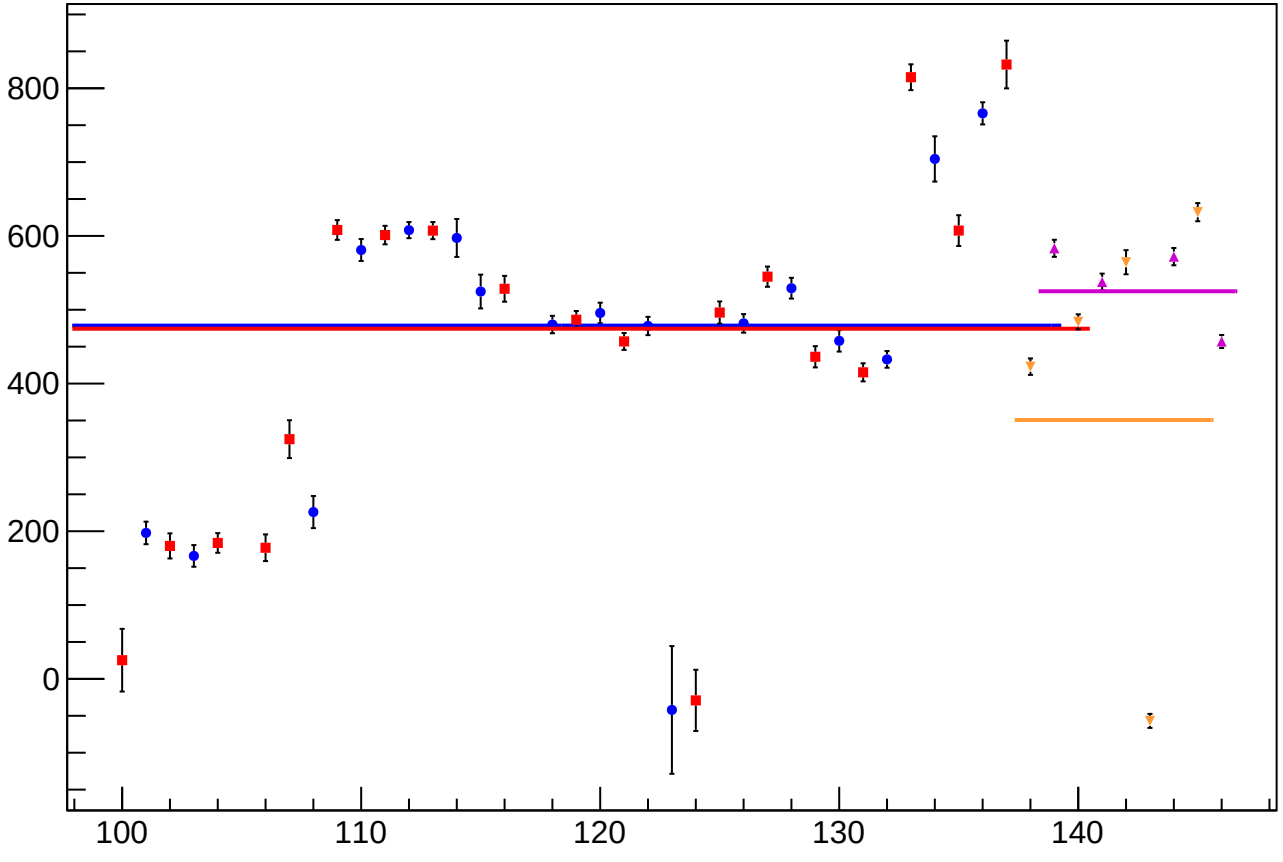
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: -0.448+/-1.685 χ^2/NDF:343.1/20

Out: -0.539+/-1.703 χ^2/NDF:321.8/23

All: -0.493+/-1.198 χ^2/NDF: 665.0/44

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 350.616+/-5.061 χ^2/NDF:2746.7/4

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 525.049+/-5.304 χ^2/NDF:102.2/3

Left: 433.747+/-3.661 χ^2/NDF: 3415.1/8

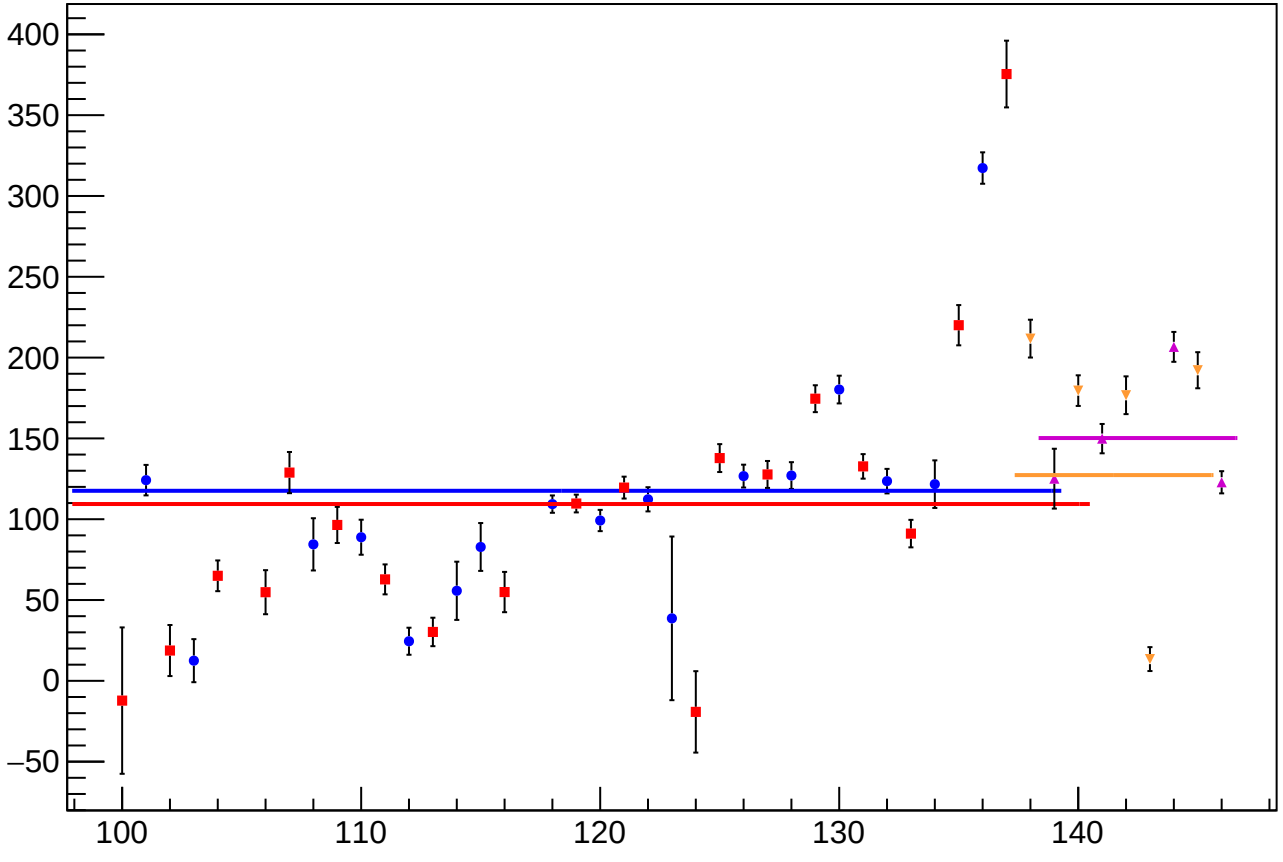
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 493.368+/-2.996 χ^2/NDF:1783.6/20

Out: 433.797+/-2.897 χ^2/NDF:5435.6/23

All: 462.583+/-2.082 χ^2/NDF: 7423.6/44

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 127.303+/-4.382 χ^2/NDF:371.1/4

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 150.224+/-4.564 χ^2/NDF:55.0/3

Left: 138.297+/-3.161 χ^2/NDF: 439.2/8

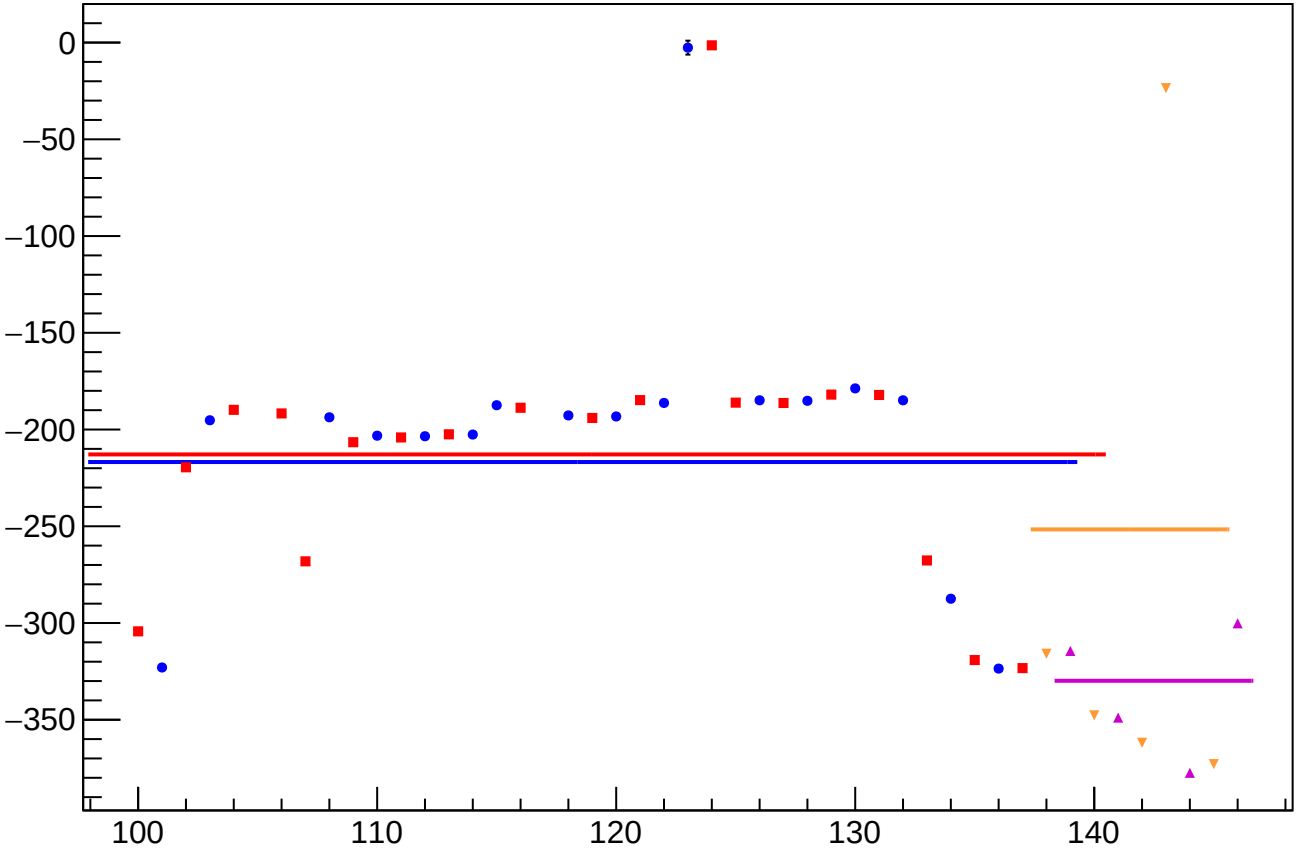
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 123.705+/-1.977 χ^2/NDF:803.4/20

Out: 113.029+/-1.973 χ^2/NDF:955.6/23

All: 118.358+/-1.396 χ^2/NDF: 1773.6/44

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -251.606+/-0.206 χ^2/NDF:517839.0/4

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -329.861+/-0.220 χ^2/NDF:17133.5/3

Left: -288.196+/-0.150 χ^2/NDF: 602465.4/8

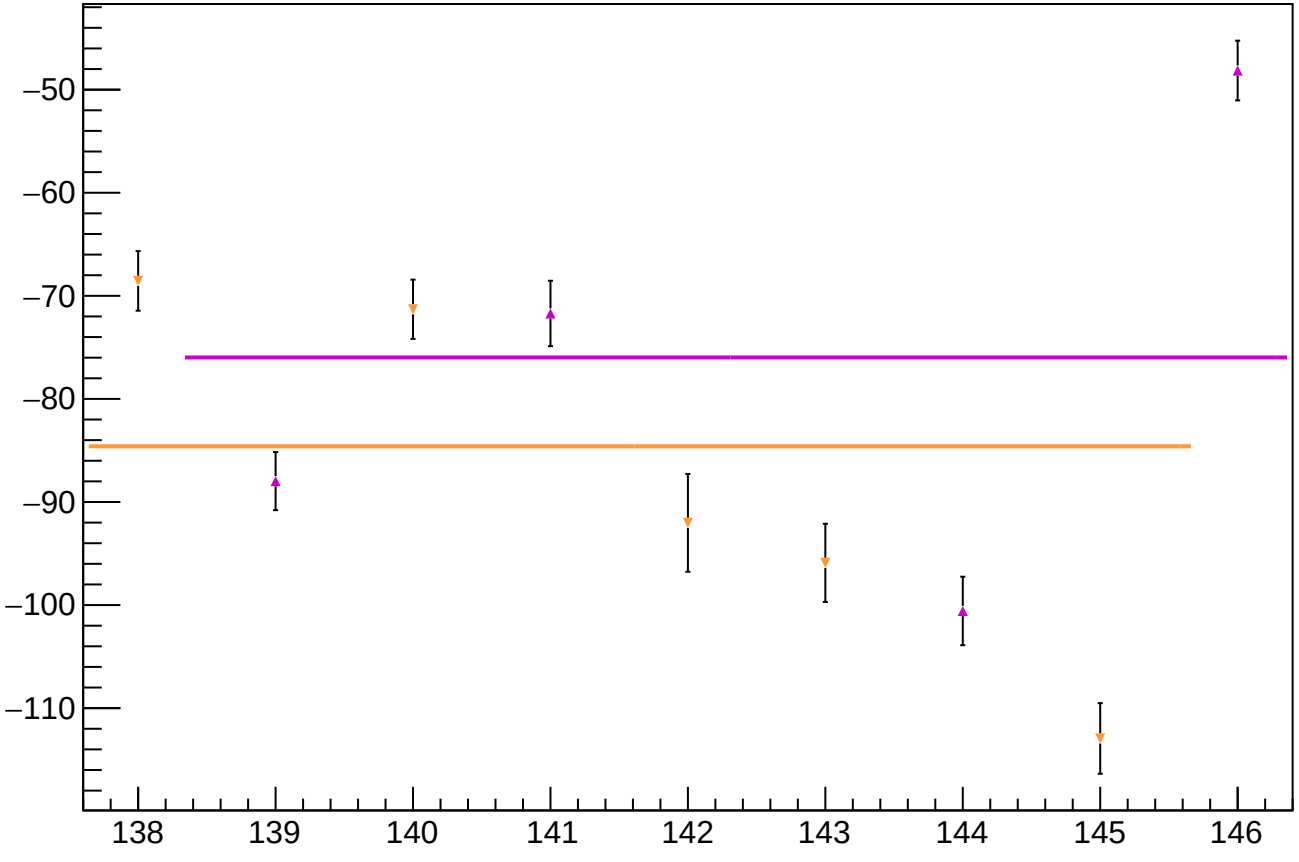
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -247.984+/-0.115 χ^2/NDF:355742.1/20

Out: -223.923+/-0.110 χ^2/NDF:659511.2/23

All: -235.376+/-0.080 χ^2/NDF: 1038018.5/44

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -84.598+/-1.508 χ^2/NDF:131.9/4

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

Left In: -75.978+/-1.516 χ^2/NDF:167.1/3

Left: -80.309+/-1.069 χ^2/NDF: 315.2/8

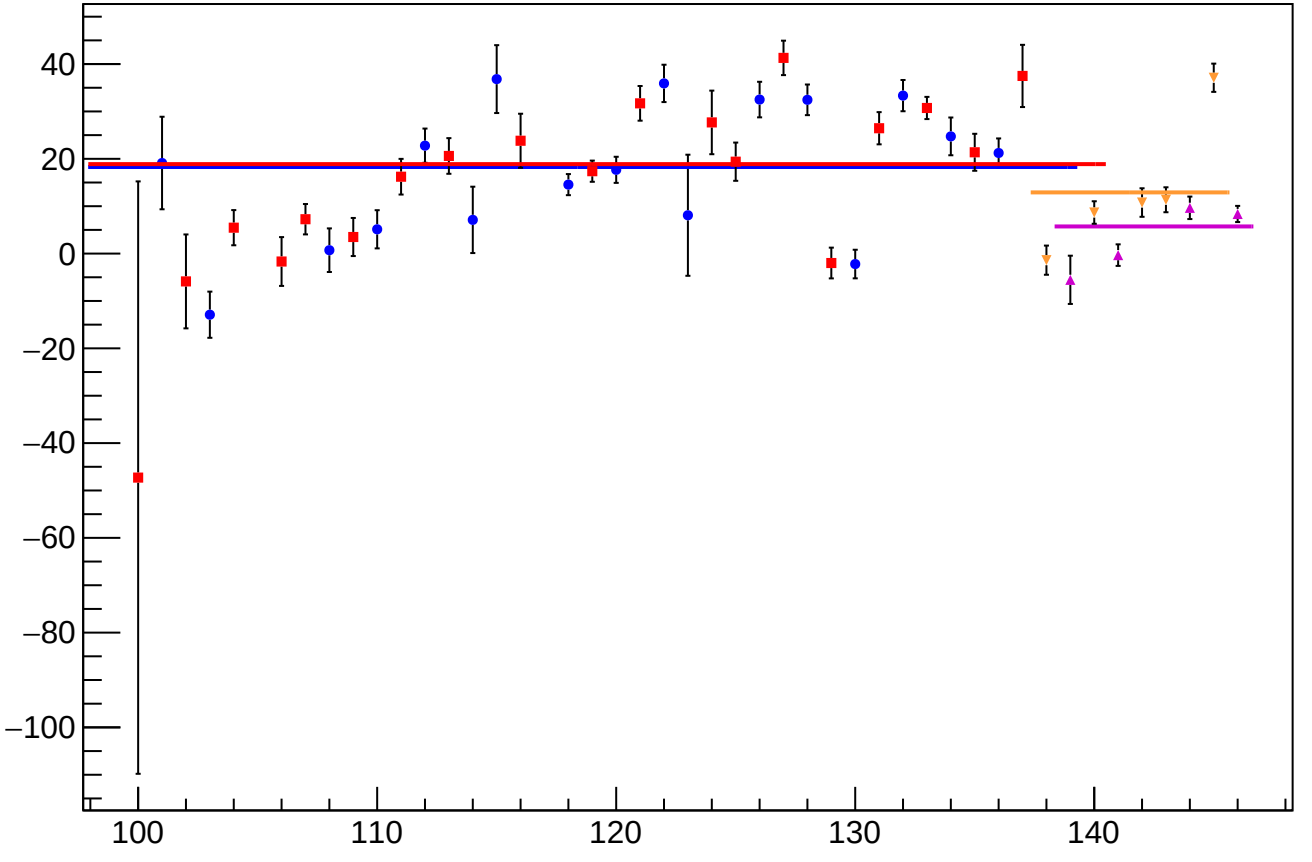
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -75.978+/-1.516 χ^2/NDF:167.1/3

Out: -84.598+/-1.508 χ^2/NDF:131.9/4

All: -80.309+/-1.069 χ^2/NDF: 315.2/8

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 12.913+/-1.240 χ^2/NDF:91.5/4

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 5.727+/-1.152 χ^2/NDF:17.1/3

Left: 9.055+/-0.844 χ^2/NDF: 126.6/8

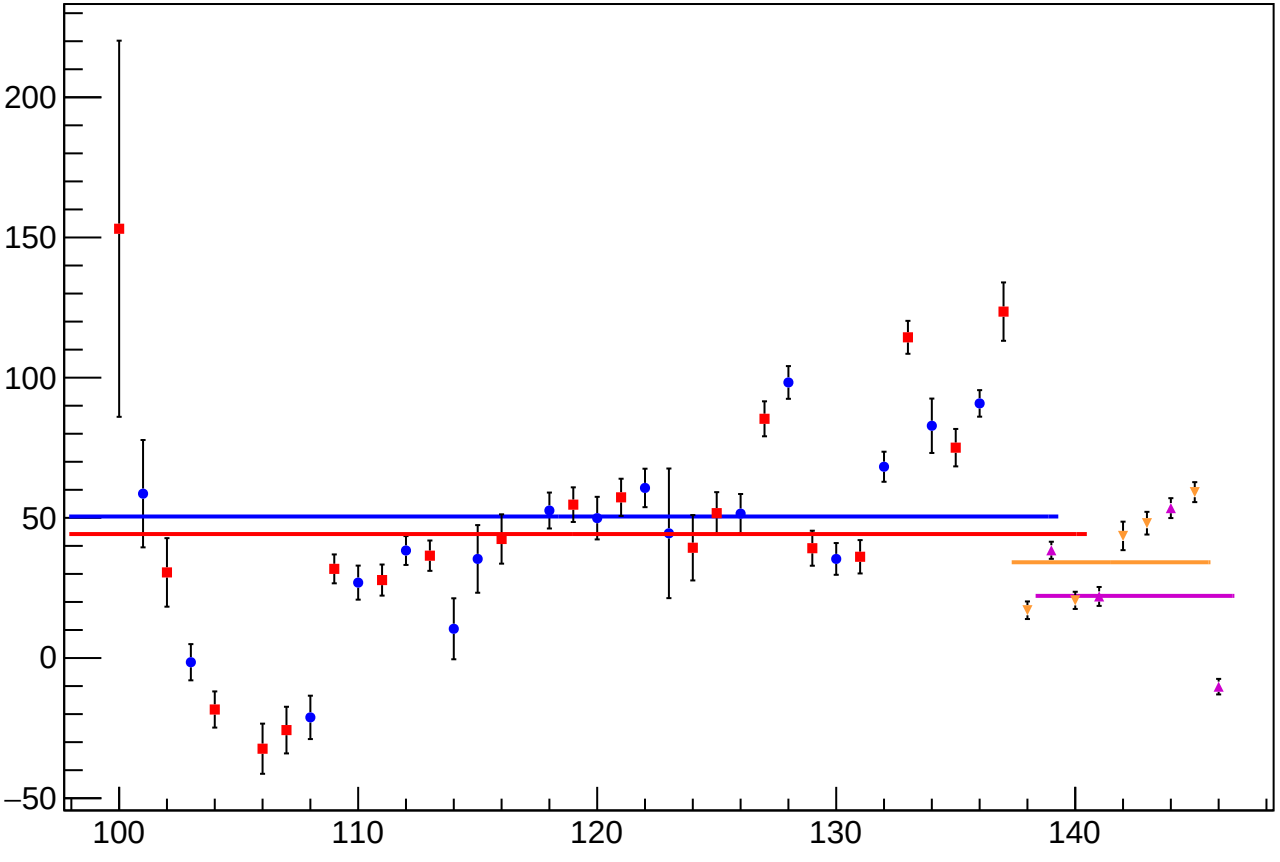
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 13.487+/-0.712 χ^2/NDF:295.0/20

Out: 16.931+/-0.709 χ^2/NDF:305.5/23

All: 15.216+/-0.502 χ^2/NDF: 612.3/44

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 34.158+/-1.607 χ^2/NDF:114.1/4

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: 22.171+/-1.572 χ^2/NDF:242.6/3

Left: 28.029+/-1.124 χ^2/NDF: 385.1/8

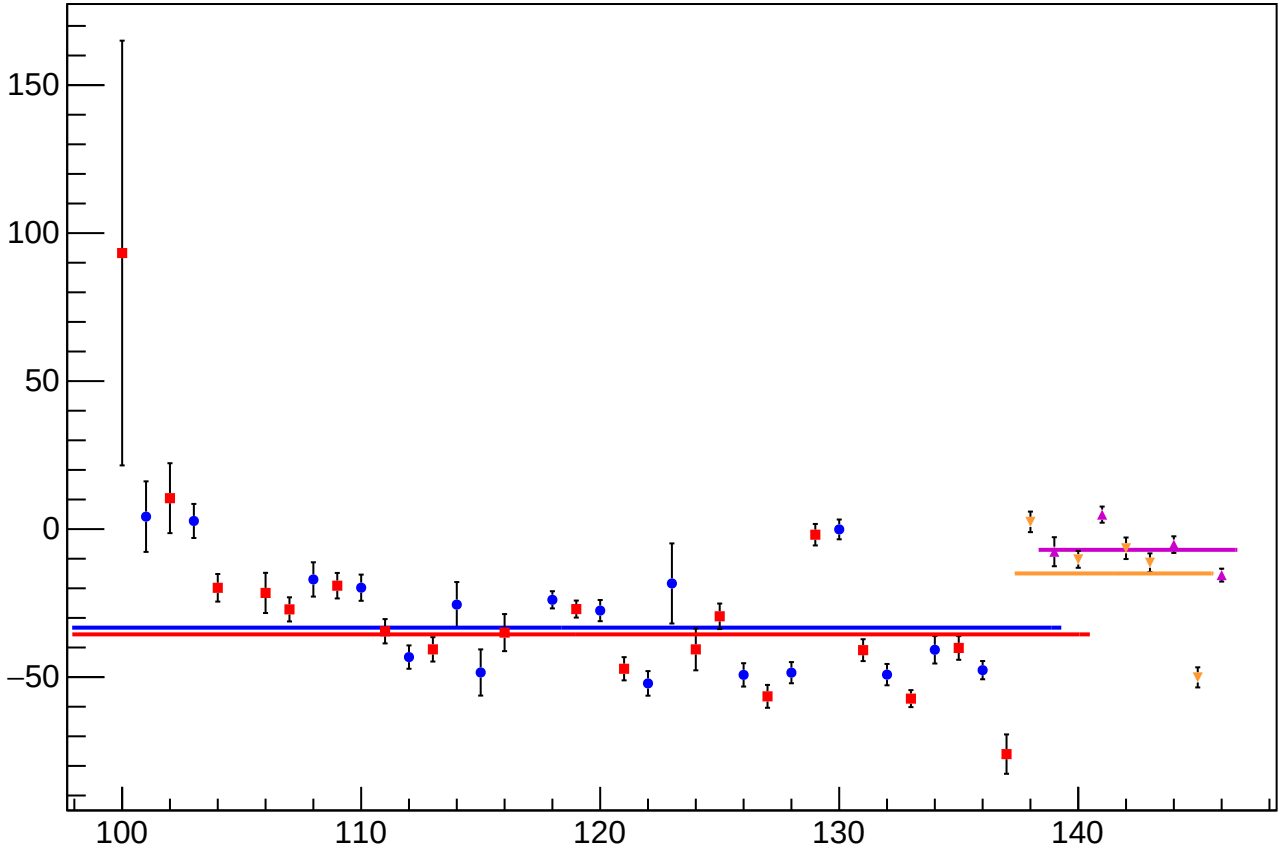
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 35.485+/-1.144 χ^2/NDF:753.1/20

Out: 39.205+/-1.135 χ^2/NDF:668.1/23

All: 37.360+/-0.806 χ^2/NDF: 1426.6/44

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -14.983+/-1.460 χ^2/NDF:141.6/4

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -7.002+/-1.396 χ^2/NDF:34.8/3

Left: -10.813+/-1.009 χ^2/NDF: 192.0/8

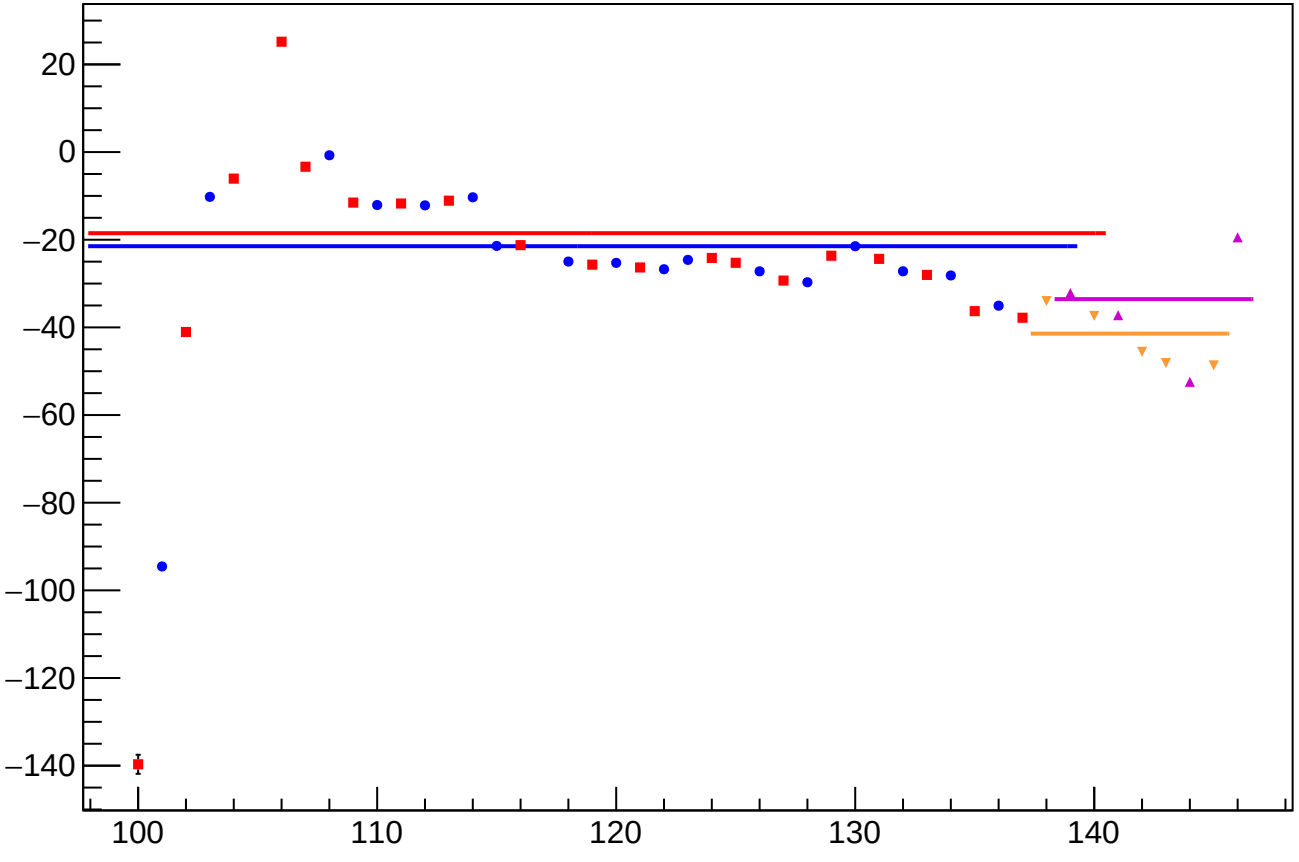
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -23.987+/-0.830 χ^2/NDF:553.1/20

Out: -29.062+/-0.821 χ^2/NDF:565.1/23

All: -26.554+/-0.584 χ^2/NDF: 1137.1/44

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -41.418+/-0.065 χ^2/NDF:9399.7/4

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -33.551+/-0.064 χ^2/NDF:27778.8/3

Left: -37.427+/-0.046 χ^2/NDF: 44588.9/8

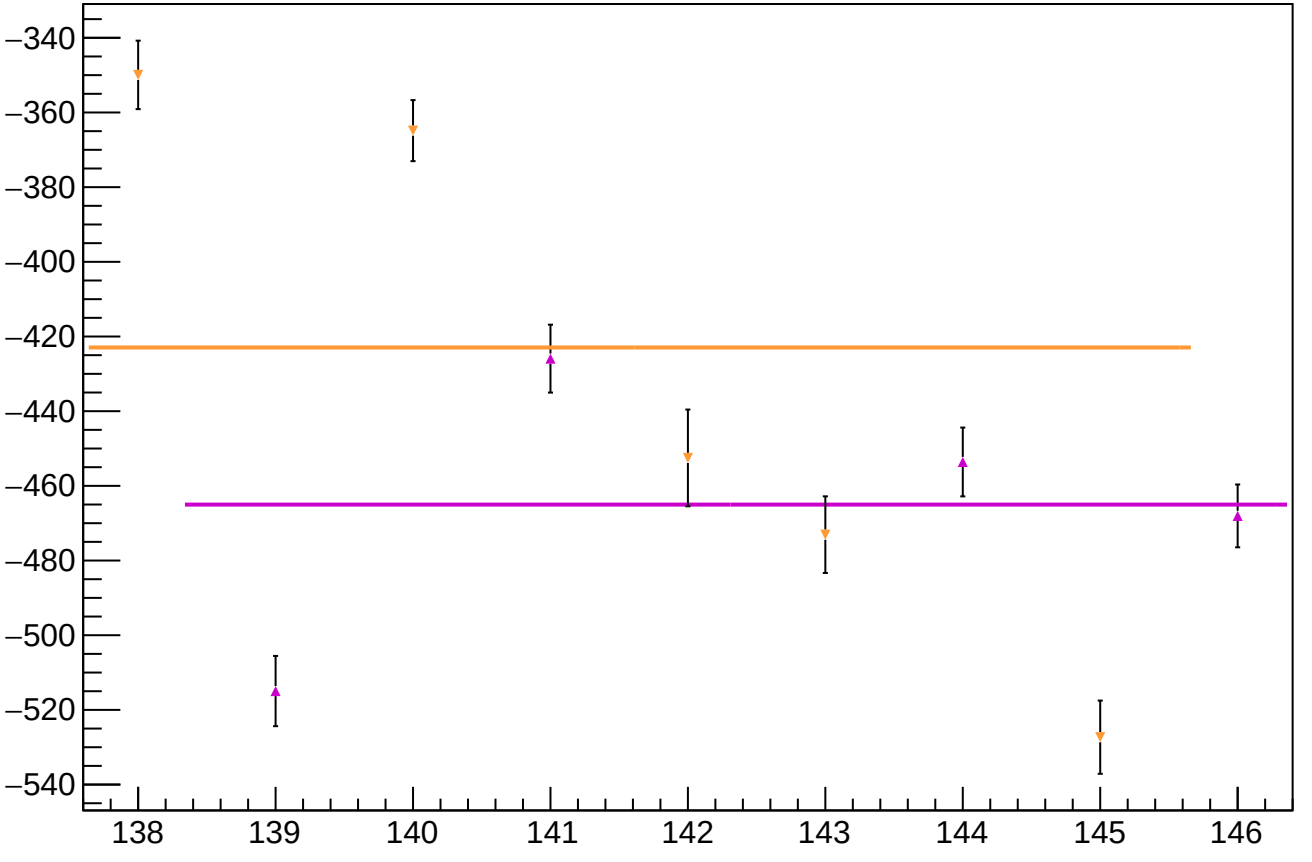
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -26.978+/-0.043 χ^2/NDF:96082.0/20

Out: -28.519+/-0.043 χ^2/NDF:159893.5/23

All: -27.753+/-0.031 χ^2/NDF: 256612.9/44

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -422.938+/-4.355 χ^2/NDF:256.3/4

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

Left In: -465.018+/-4.504 χ^2/NDF:48.3/3

Left: -443.271+/-3.131 χ^2/NDF: 349.8/8

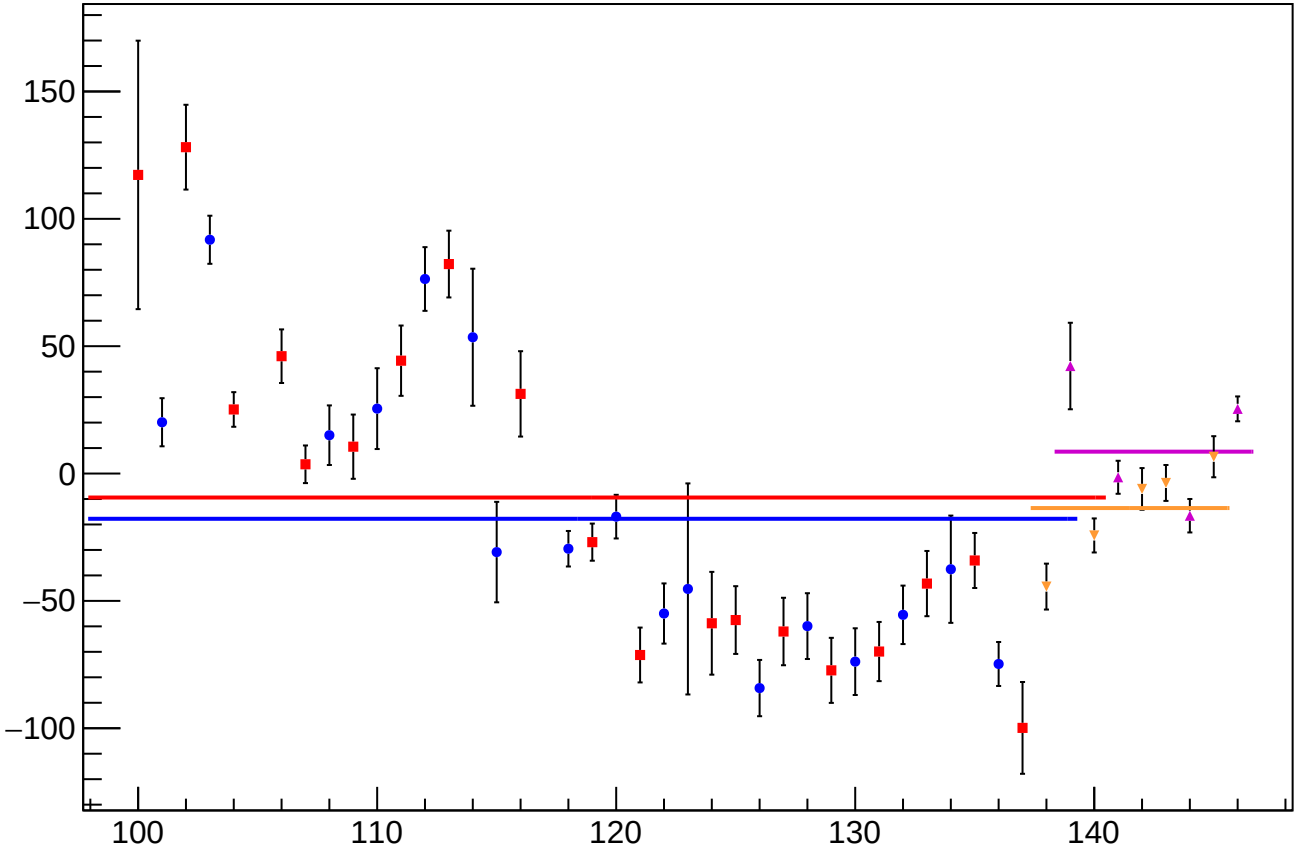
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -465.018+/-4.504 χ^2/NDF:48.3/3

Out: -422.938+/-4.355 χ^2/NDF:256.3/4

All: -443.271+/-3.131 χ^2/NDF: 349.8/8

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: -13.552+/-3.428 χ^2/NDF:23.3/4

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 8.589+/-3.288 χ^2/NDF:32.9/3

Left: -2.022+/-2.373 χ^2/NDF: 77.9/8

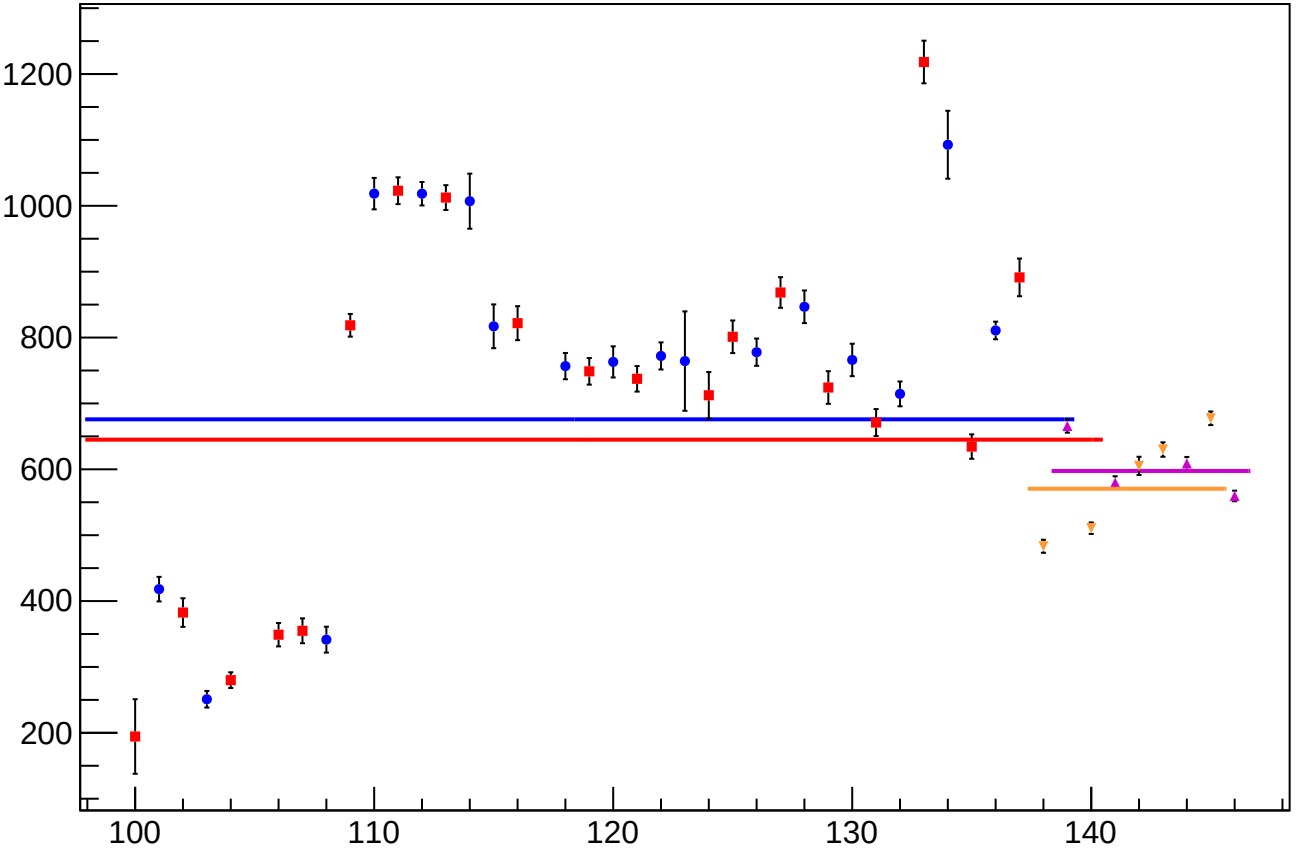
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: -6.773+/-2.124 χ^2/NDF:434.1/20

Out: -10.937+/-2.078 χ^2/NDF:393.8/23

All: -8.900+/-1.485 χ^2/NDF: 830.0/44

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 570.536+/-4.651 χ^2/NDF:267.2/4

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 597.484+/-4.656 χ^2/NDF:72.0/3

Left: 583.996+/-3.291 χ^2/NDF: 355.9/8

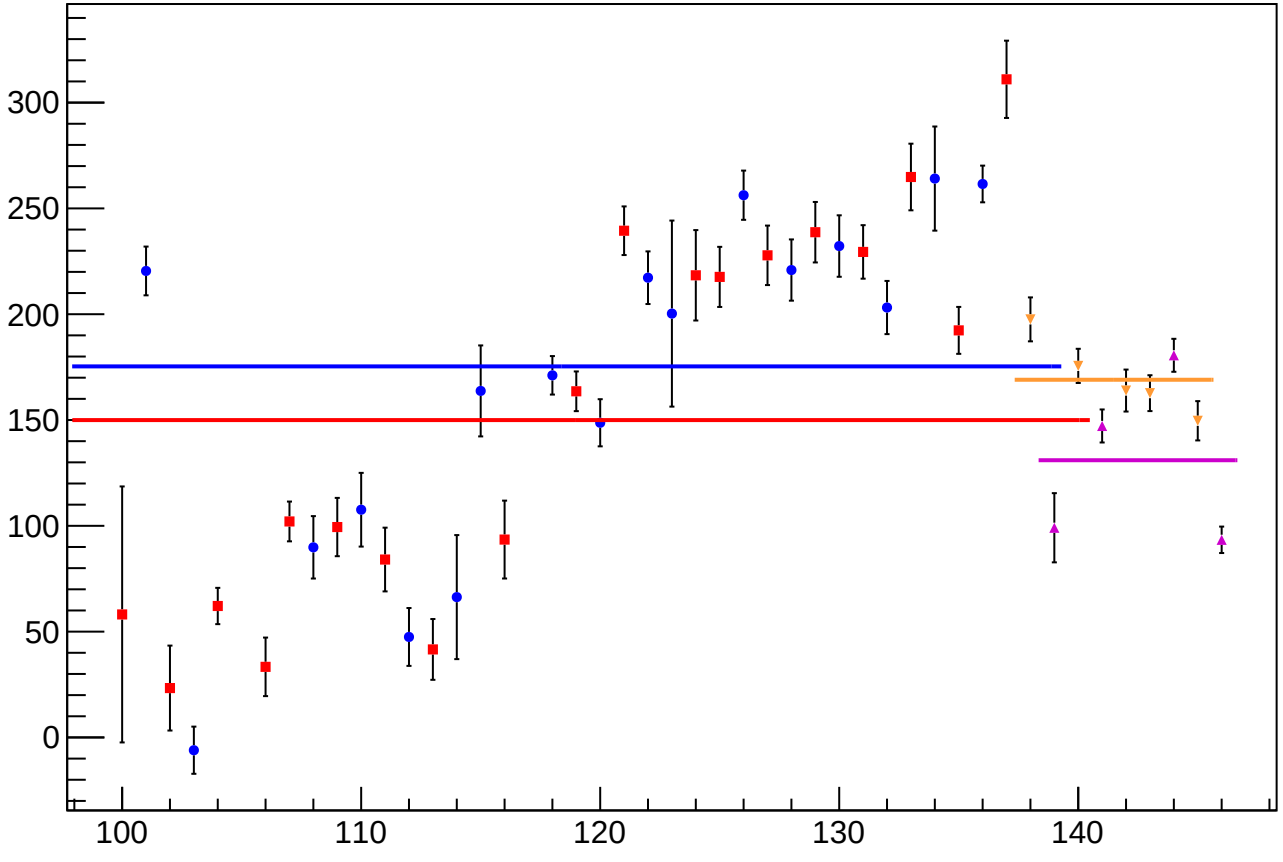
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 633.604+/-3.419 χ^2/NDF:2789.0/20

Out: 606.909+/-3.327 χ^2/NDF:3515.6/23

All: 619.892+/-2.385 χ^2/NDF: 6335.9/44

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 169.027+/-4.072 χ^2/NDF:13.4/4

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 130.998+/-4.008 χ^2/NDF:84.9/3

Left: 149.708+/-2.856 χ^2/NDF: 142.6/8

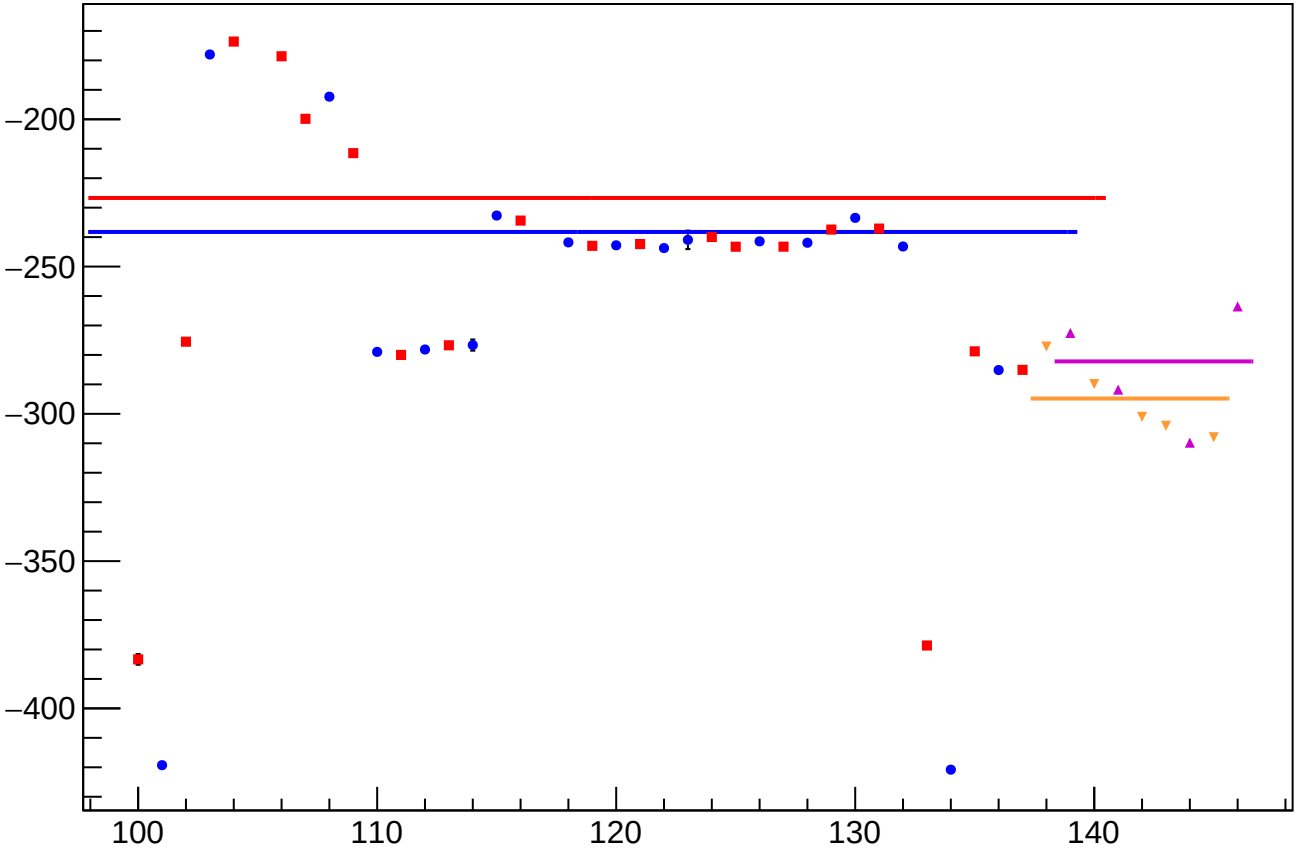
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 158.058+/-2.502 χ^2/NDF:798.0/20

Out: 156.802+/-2.439 χ^2/NDF:720.6/23

All: 157.414+/-1.746 χ^2/NDF: 1518.8/44

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -294.804+/-0.190 χ^2/NDF:3764.4/4

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -282.202+/-0.193 χ^2/NDF:7963.3/3

Left: -288.590+/-0.135 χ^2/NDF: 13895.2/8

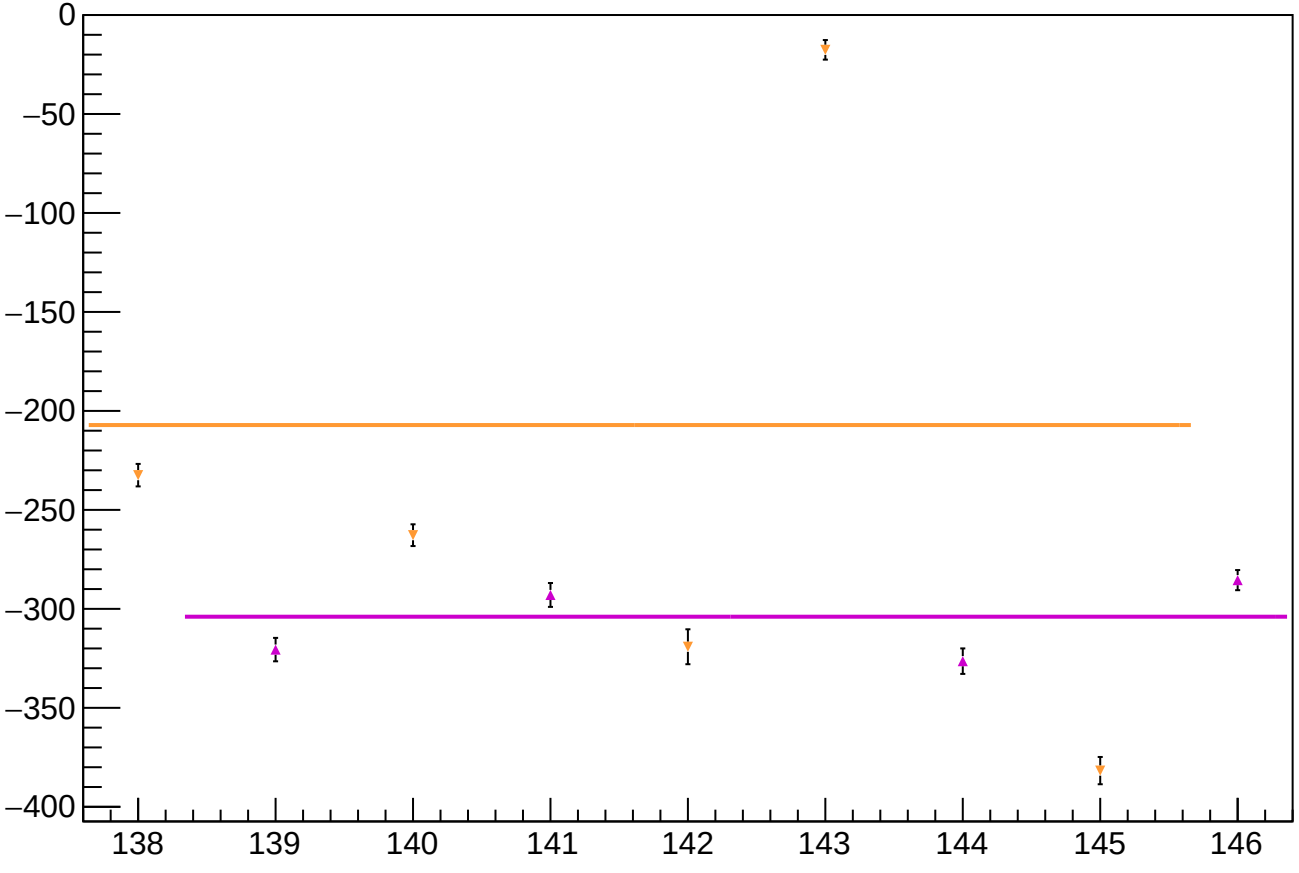
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.172+/-0.123 χ^2/NDF:205893.5/20

Out: -253.075+/-0.118 χ^2/NDF:185247.2/23

All: -254.562+/-0.085 χ^2/NDF: 391469.9/44

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: -207.142+/-2.683 χ^2/NDF:2394.3/4

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

Left In: -303.961+/-2.901 χ^2/NDF:36.6/3

Left: -251.779+/-1.970 χ^2/NDF: 3031.2/8

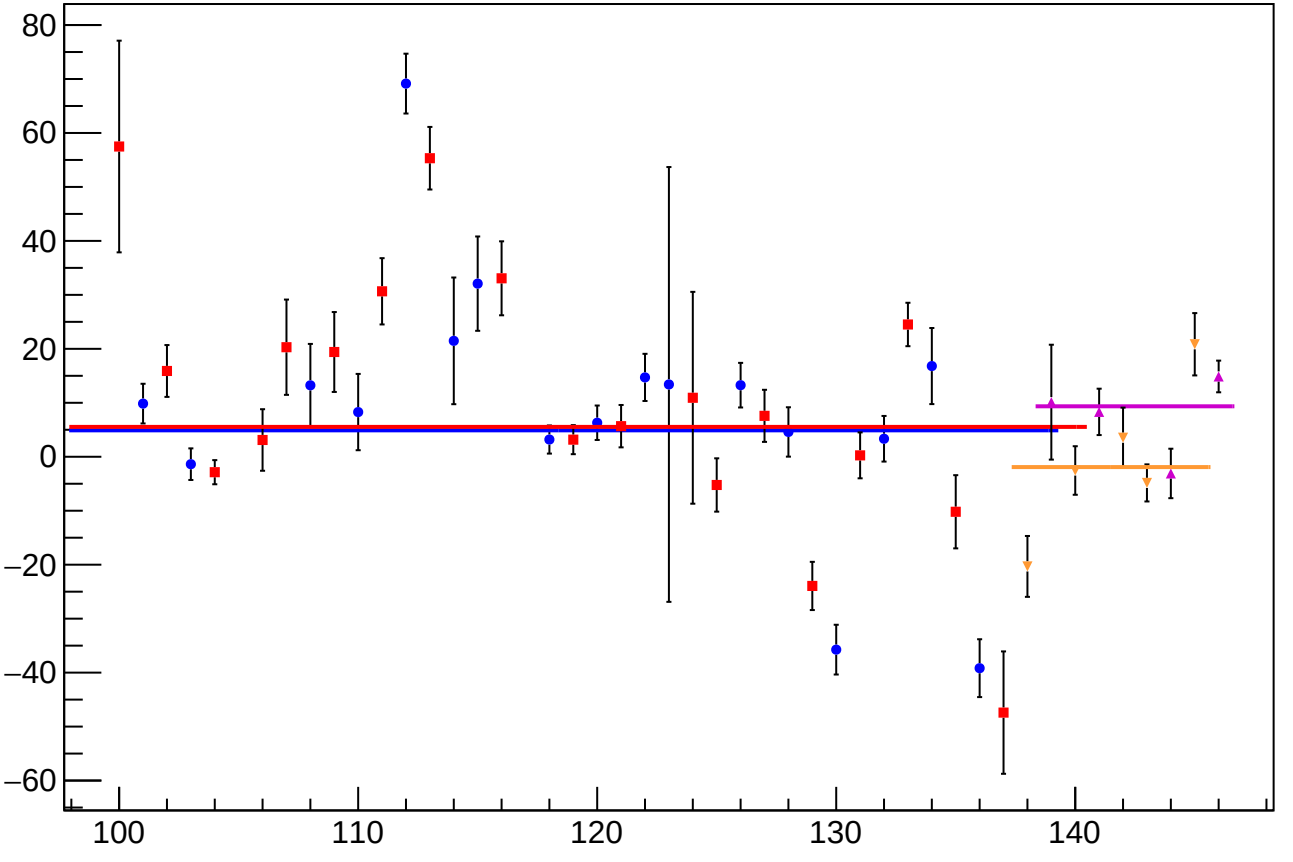
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -303.961+/-2.901 χ^2/NDF:36.6/3

Out: -207.142+/-2.683 χ^2/NDF:2394.3/4

All: -251.779+/-1.970 χ^2/NDF: 3031.2/8

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: -1.912+/-2.096 χ^2/NDF:27.9/4

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 9.350+/-2.100 χ^2/NDF:11.0/3

Left: 3.707+/-1.484 χ^2/NDF: 53.3/8

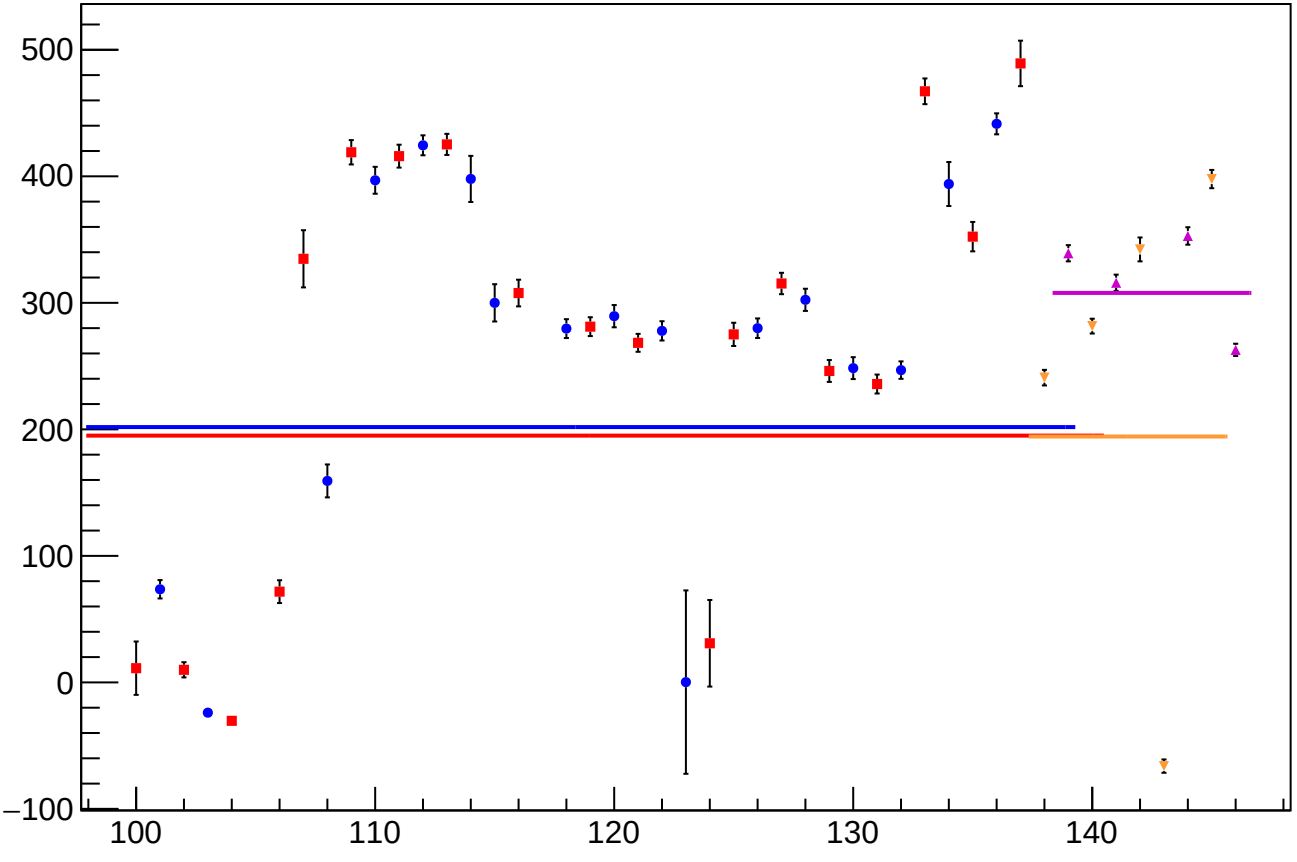
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 5.840+/-0.967 χ^2/NDF:326.5/20

Out: 3.991+/-0.954 χ^2/NDF:277.0/23

All: 4.903+/-0.679 χ^2/NDF: 605.4/44

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: 194.346+/-2.865 χ^2/NDF:3753.3/4

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 307.840+/-2.986 χ^2/NDF:154.1/3

Left: 248.738+/-2.067 χ^2/NDF: 4659.7/8

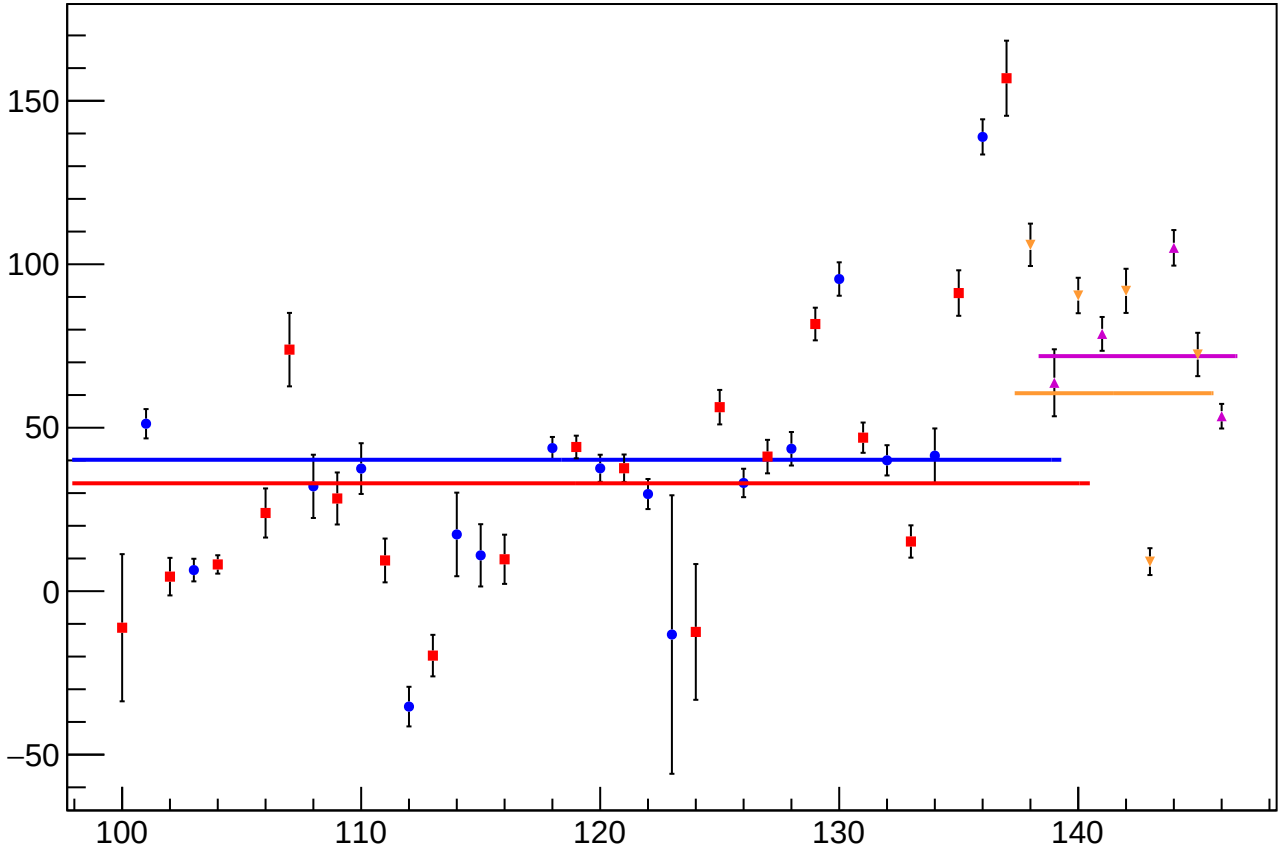
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 233.973+/-1.645 χ^2/NDF:7786.7/20

Out: 194.833+/-1.597 χ^2/NDF:12010.5/23

All: 213.833+/-1.146 χ^2/NDF: 20088.6/44

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 60.554+/-2.487 χ^2/NDF:261.3/4

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 71.901+/-2.571 χ^2/NDF:63.3/3

Left: 66.038+/-1.788 χ^2/NDF: 334.6/8

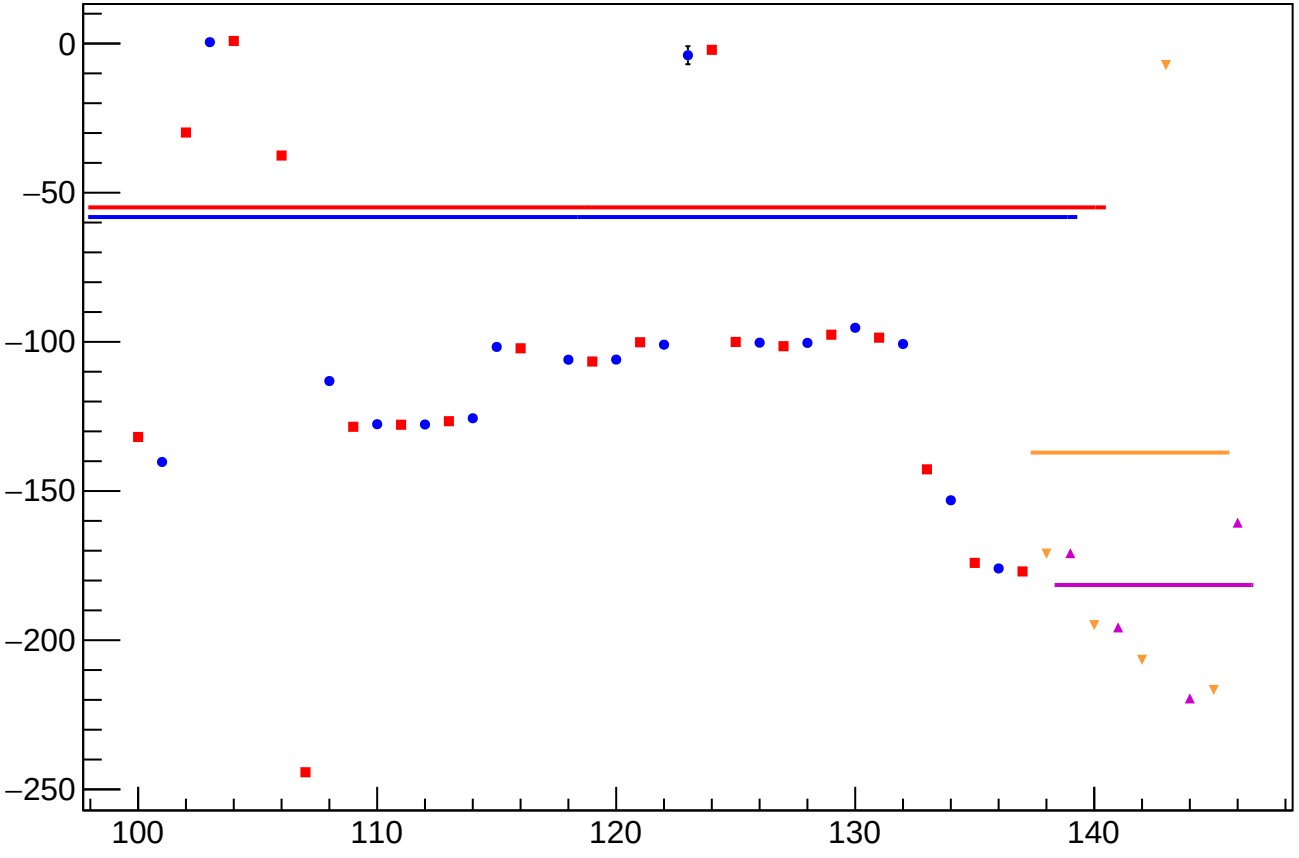
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 46.394+/-1.137 χ^2/NDF:920.6/20

Out: 38.575+/-1.119 χ^2/NDF:913.3/23

All: 42.421+/-0.797 χ^2/NDF: 1857.9/44

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: -137.111+/-0.116 χ^2/NDF:560045.9/4

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -181.496+/-0.124 χ^2/NDF:29831.3/3

Left: -157.985+/-0.085 χ^2/NDF: 658178.1/8

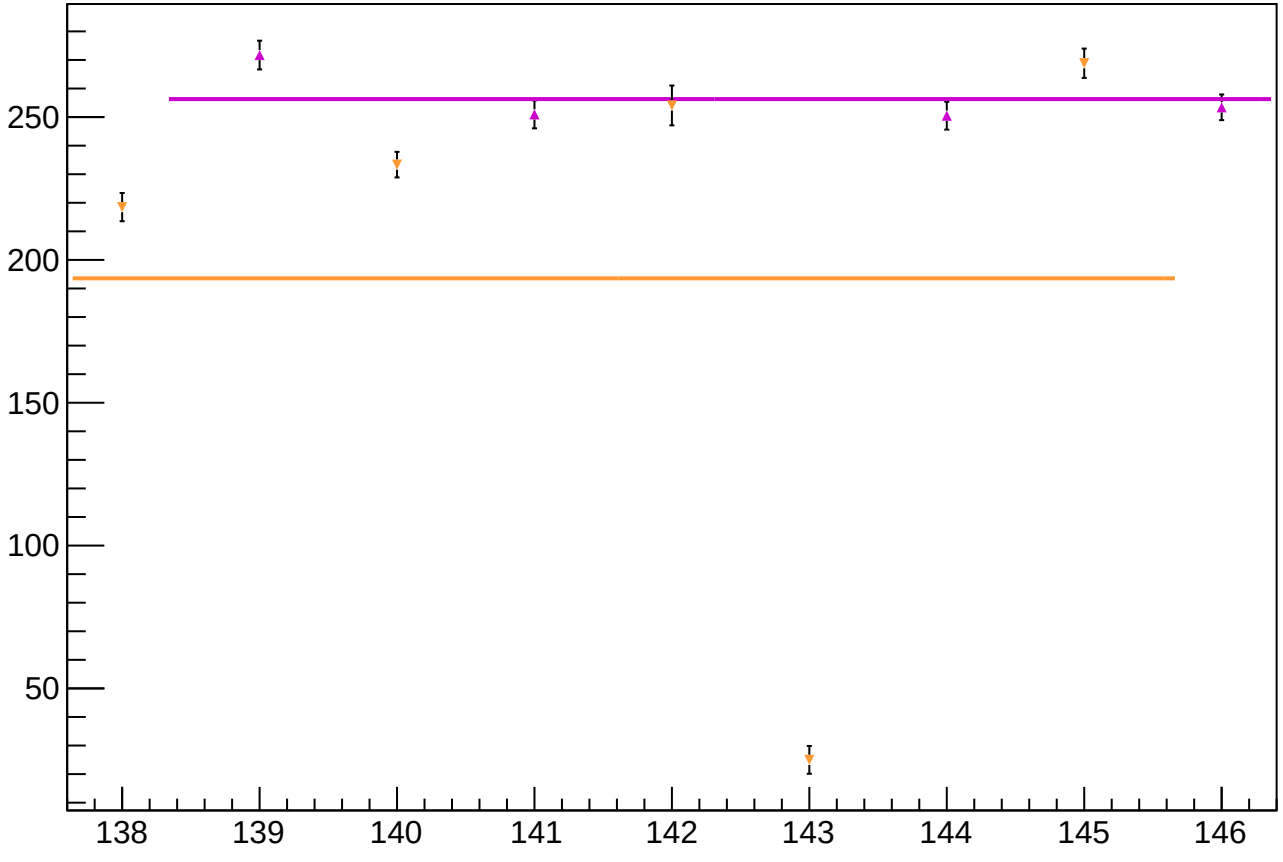
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -82.677+/-0.055 χ^2/NDF:1933094.9/20

Out: -72.254+/-0.053 χ^2/NDF:1956944.2/23

All: -77.310+/-0.038 χ^2/NDF: 3908455.6/44

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: 193.547+/-2.285 χ^2/NDF:1593.0/4

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

Left In: 256.299+/-2.407 χ^2/NDF:12.4/3

Left: 223.304+/-1.657 χ^2/NDF: 1962.9/8

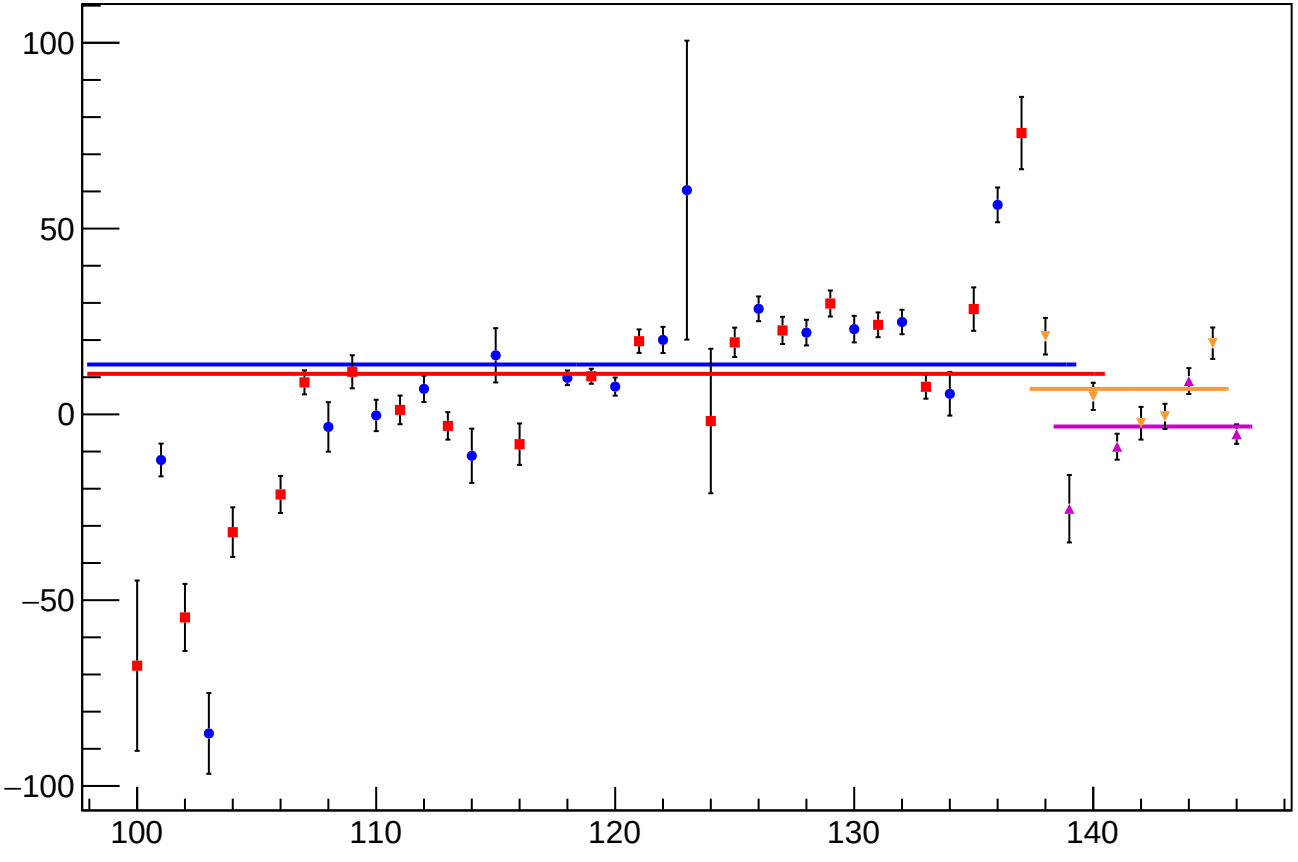
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 256.299+/-2.407 χ^2/NDF:12.4/3

Out: 193.547+/-2.285 χ^2/NDF:1593.0/4

All: 223.304+/-1.657 χ^2/NDF: 1962.9/8

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: 6.863+/-1.795 χ^2/NDF:26.2/4

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: -3.265+/-1.762 χ^2/NDF:21.3/3

Left: 1.706+/-1.258 χ^2/NDF: 63.7/8

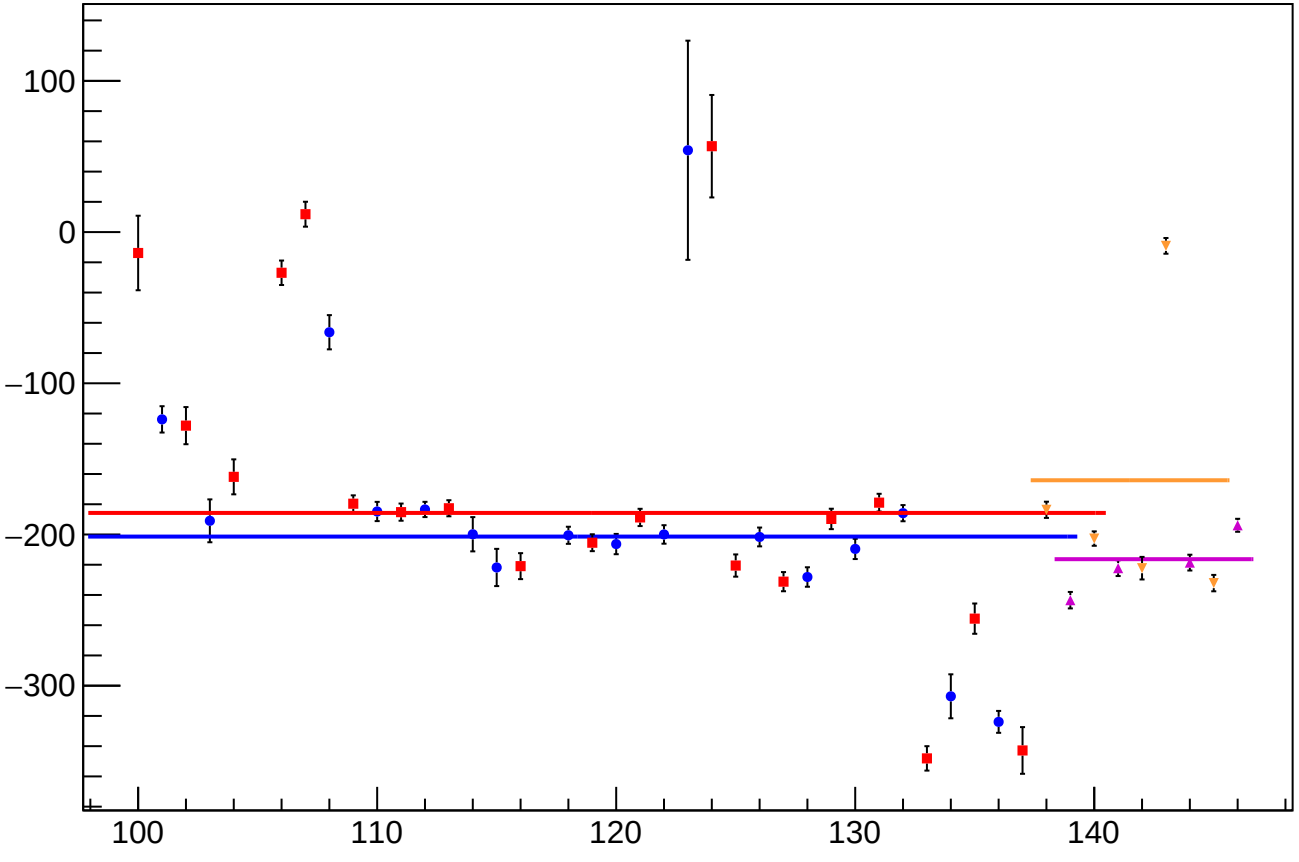
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 9.852+/-0.815 χ^2/NDF:387.0/20

Out: 10.072+/-0.816 χ^2/NDF:332.9/23

All: 9.962+/-0.577 χ^2/NDF: 719.9/44

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -164.138+/-2.441 χ^2/NDF:1185.9/4

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -216.332+/-2.489 χ^2/NDF:53.5/3

Left: -189.732+/-1.743 χ^2/NDF: 1463.6/8

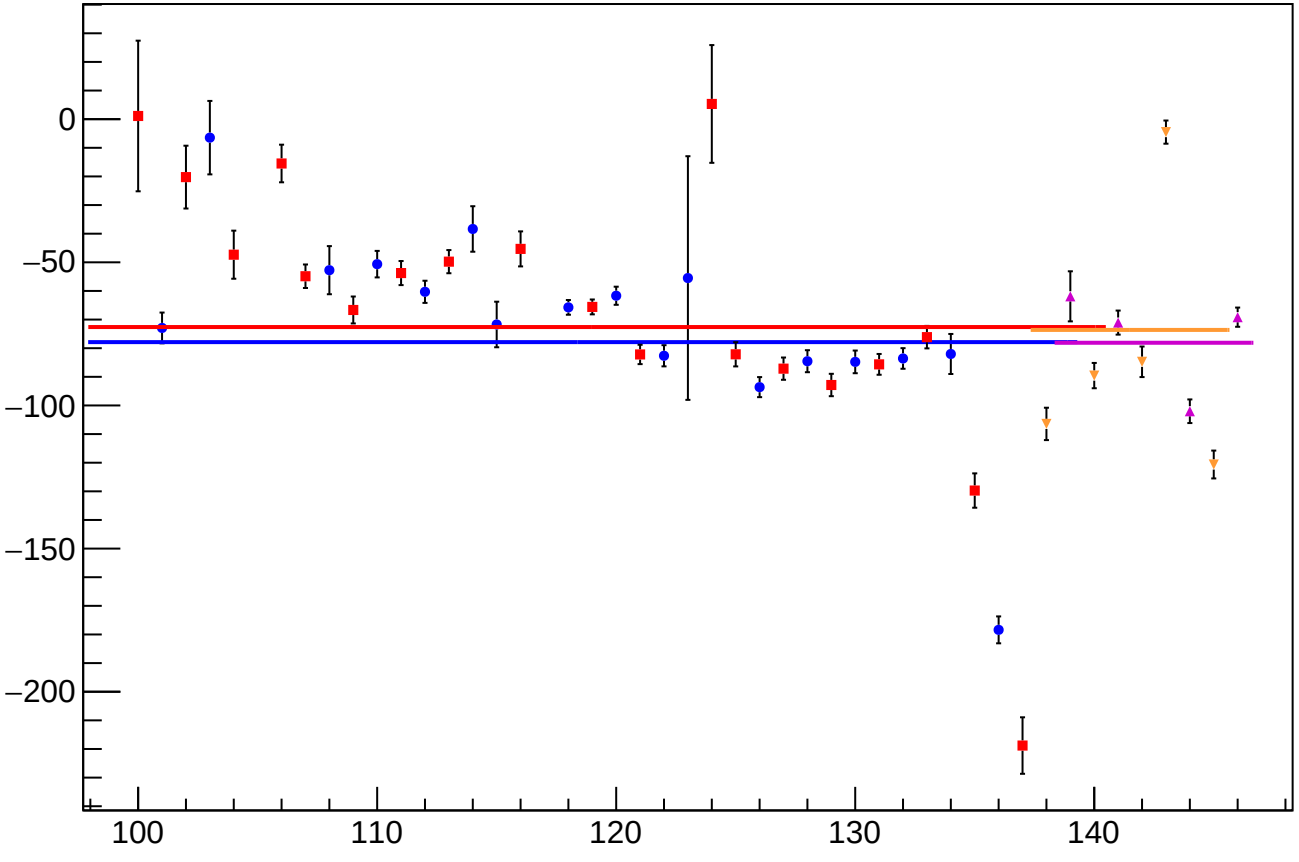
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -206.440+/-1.448 χ^2/NDF:700.9/20

Out: -178.685+/-1.395 χ^2/NDF:2987.9/23

All: -192.051+/-1.005 χ^2/NDF: 3879.4/44

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -73.615+/-2.127 χ^2/NDF:436.3/4

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -78.100+/-2.146 χ^2/NDF:46.9/3

Left: -75.838+/-1.511 χ^2/NDF: 485.5/8

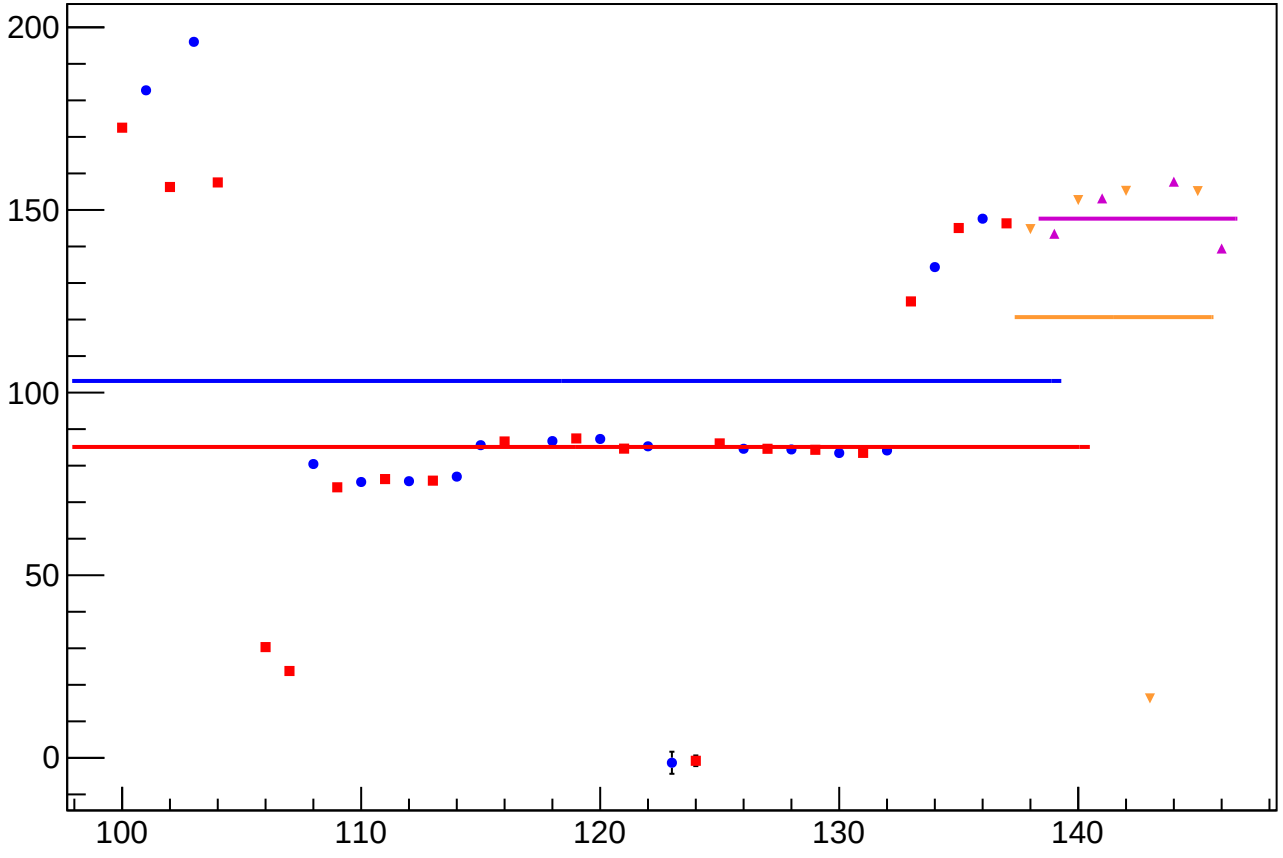
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -77.921+/-0.954 χ^2/NDF:705.1/20

Out: -72.809+/-0.944 χ^2/NDF:1043.4/23

All: -75.338+/-0.671 χ^2/NDF: 1763.0/44

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: 120.664+/-0.099 χ^2/NDF:327978.4/4

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 147.622+/-0.103 χ^2/NDF:4819.9/3

Left: 133.639+/-0.072 χ^2/NDF: 368279.9/8

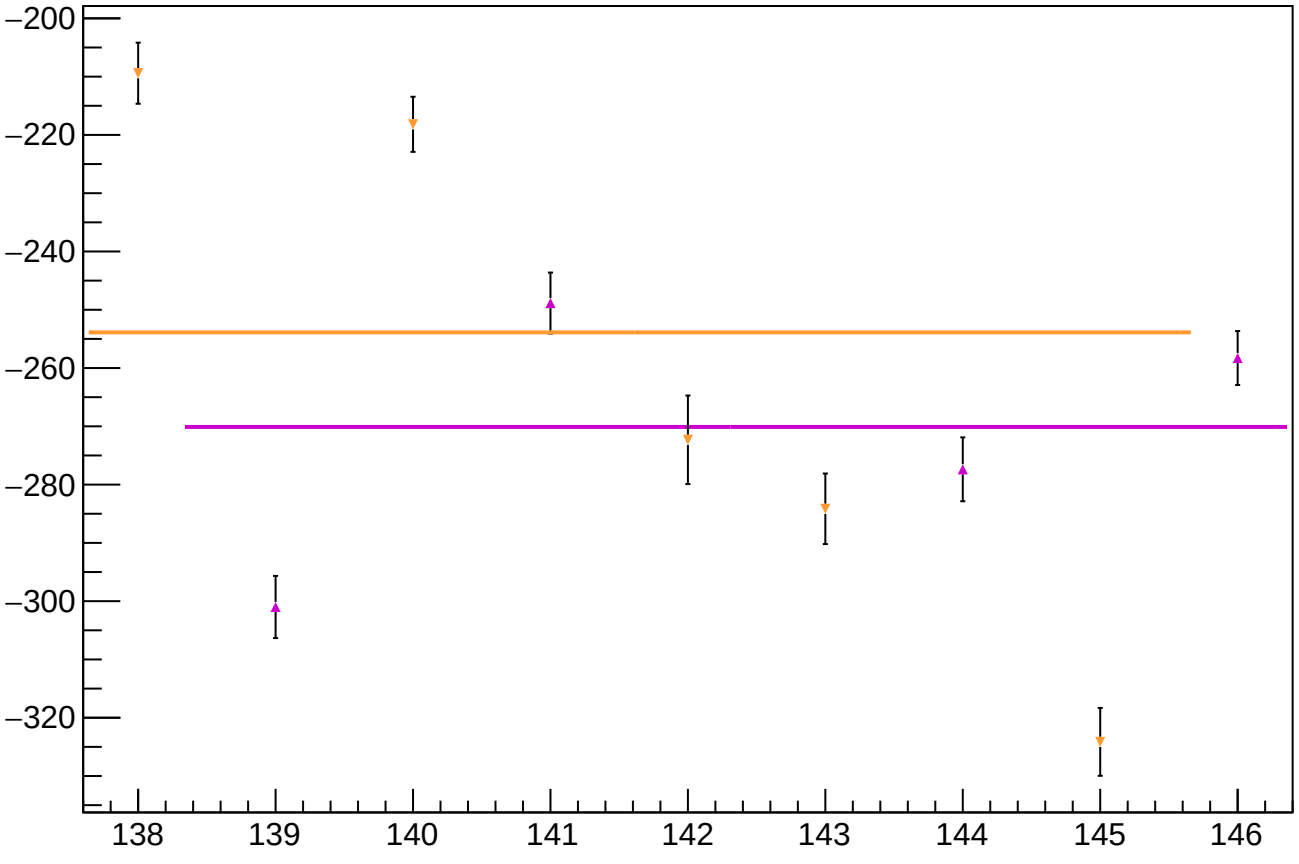
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 117.305+/-0.058 χ^2/NDF:405208.9/20

Out: 95.491+/-0.054 χ^2/NDF:842261.6/23

All: 105.527+/-0.039 χ^2/NDF: 1323591.8/44

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: -253.880+/-2.537 χ^2/NDF:305.6/4

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

Left In: -270.105+/-2.568 χ^2/NDF:58.3/3

Left: -261.895+/-1.805 χ^2/NDF: 384.1/8

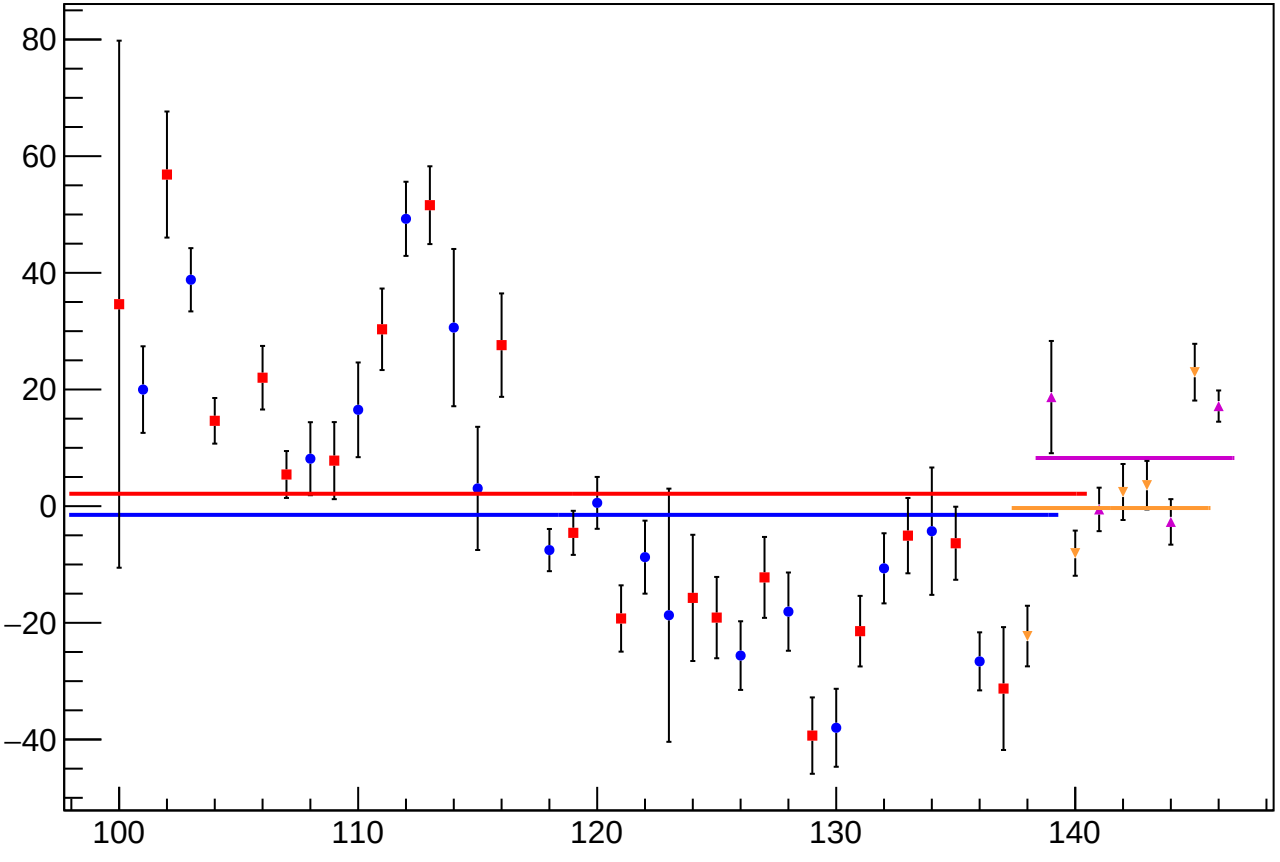
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -270.105+/-2.568 χ^2/NDF:58.3/3

Out: -253.880+/-2.537 χ^2/NDF:305.6/4

All: -261.895+/-1.805 χ^2/NDF: 384.1/8

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: -0.320+/-2.011 χ^2/NDF:46.0/4

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 8.257+/-1.864 χ^2/NDF:25.7/3

Left: 4.294+/-1.367 χ^2/NDF: 81.5/8

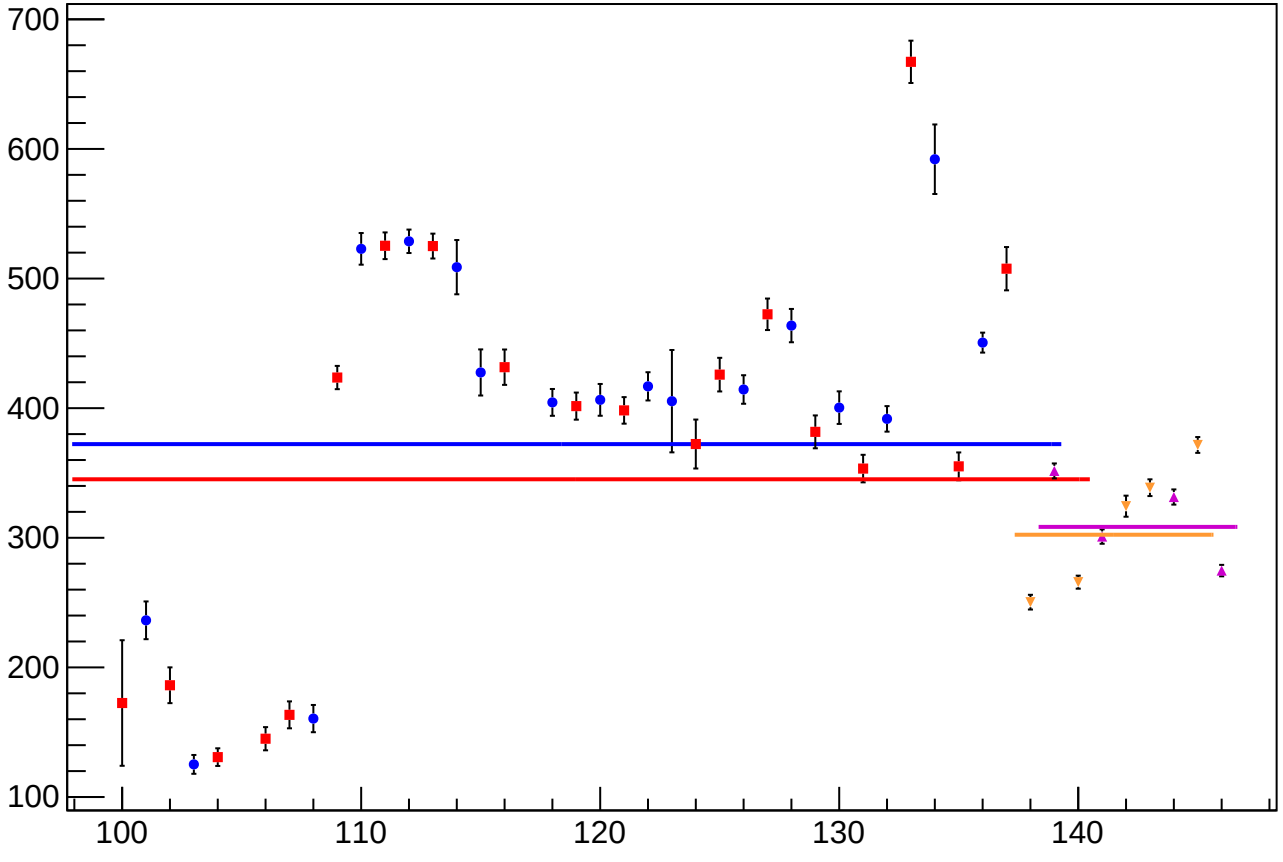
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 2.381+/-1.175 χ^2/NDF:268.3/20

Out: 1.326+/-1.150 χ^2/NDF:279.6/23

All: 1.843+/-0.822 χ^2/NDF: 548.3/44

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: 302.358+/-2.708 χ^2/NDF:304.3/4

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 308.409+/-2.648 χ^2/NDF:131.3/3

Left: 305.451+/-1.893 χ^2/NDF: 438.2/8

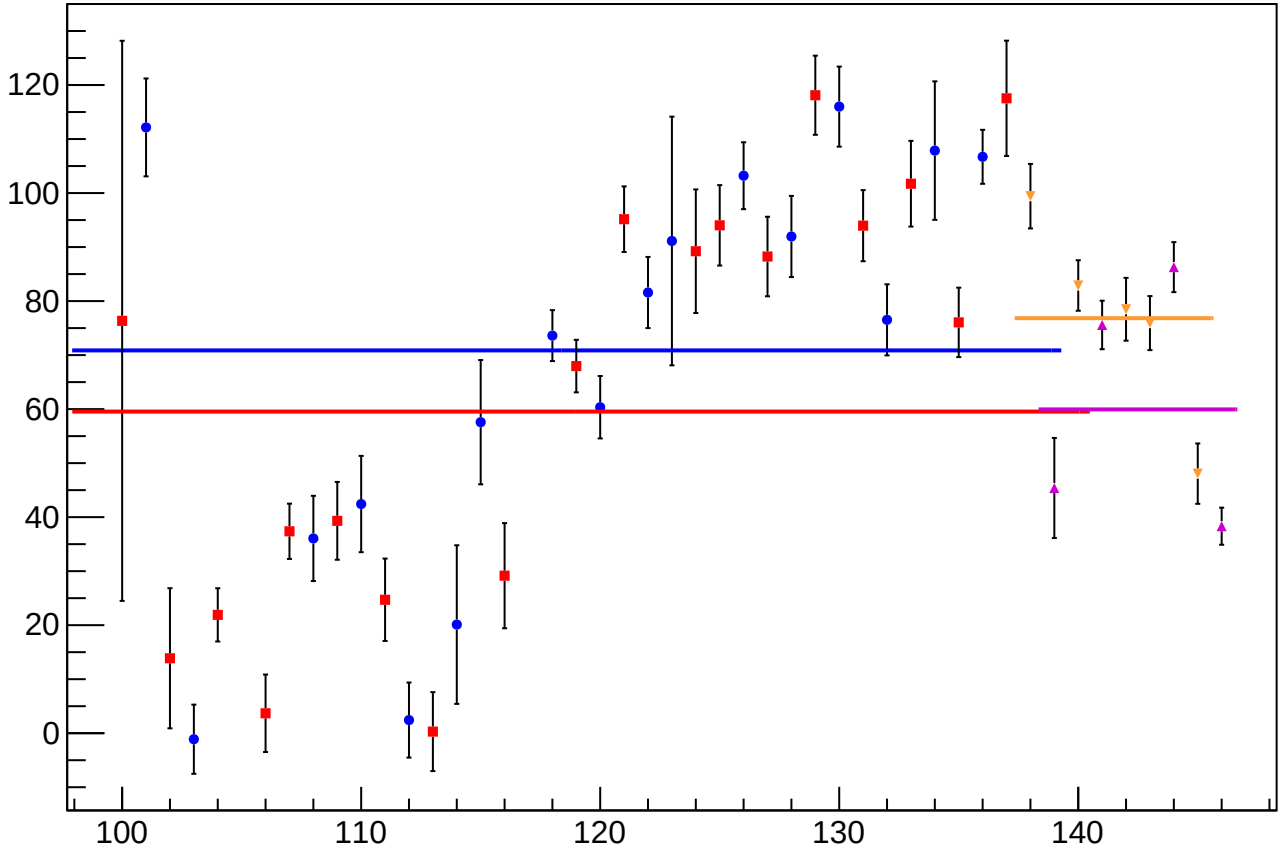
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 339.026+/-1.911 χ^2/NDF:2843.2/20

Out: 324.926+/-1.861 χ^2/NDF:3852.4/23

All: 331.790+/-1.333 χ^2/NDF: 6723.6/44

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: 76.836+/-2.388 χ^2/NDF:42.6/4

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 59.946+/-2.277 χ^2/NDF:86.7/3

Left: 67.991+/-1.648 χ^2/NDF: 155.5/8

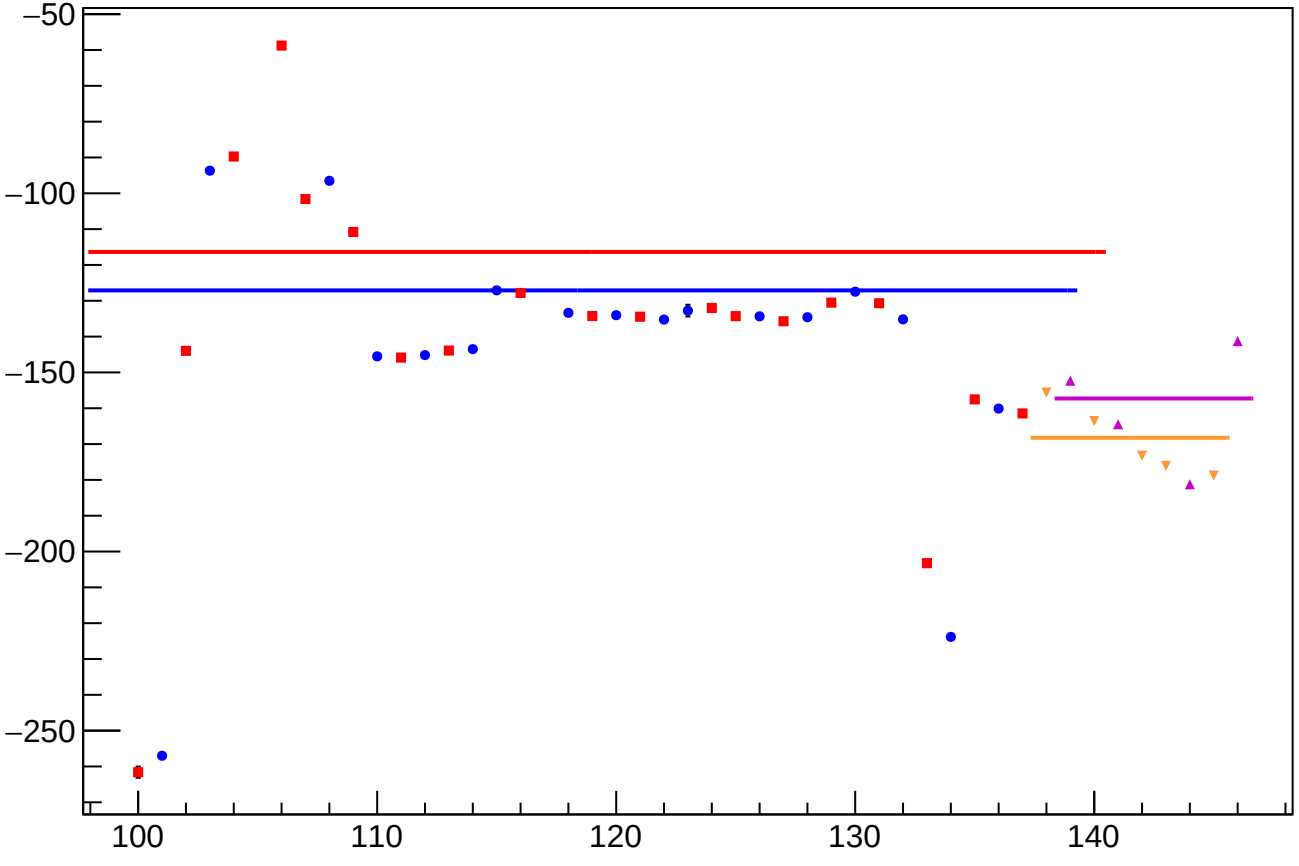
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 66.833+/-1.384 χ^2/NDF:528.2/20

Out: 65.056+/-1.348 χ^2/NDF:569.2/23

All: 65.921+/-0.966 χ^2/NDF: 1098.2/44

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: -168.246+/-0.111 χ^2/NDF:6637.7/4

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -157.273+/-0.110 χ^2/NDF:16524.3/3

Left: -162.710+/-0.078 χ^2/NDF: 28122.7/8

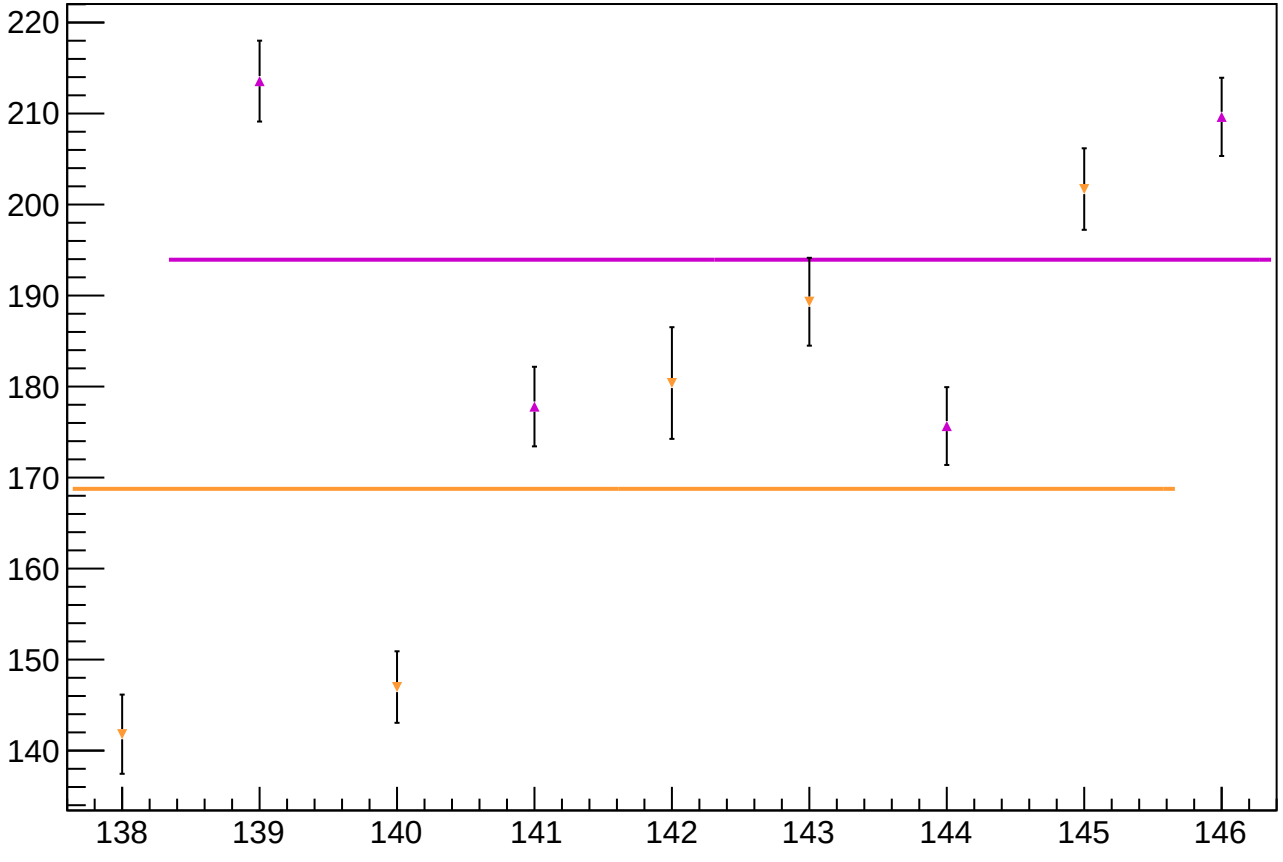
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -139.153+/-0.069 χ^2/NDF:229032.5/20

Out: -135.023+/-0.066 χ^2/NDF:314969.3/23

All: -136.998+/-0.048 χ^2/NDF: 545854.0/44

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: 168.763+/-2.055 χ^2/NDF:144.9/4

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

Left In: 193.937+/-2.173 χ^2/NDF:64.7/3

Left: 180.647+/-1.493 χ^2/NDF: 280.5/8

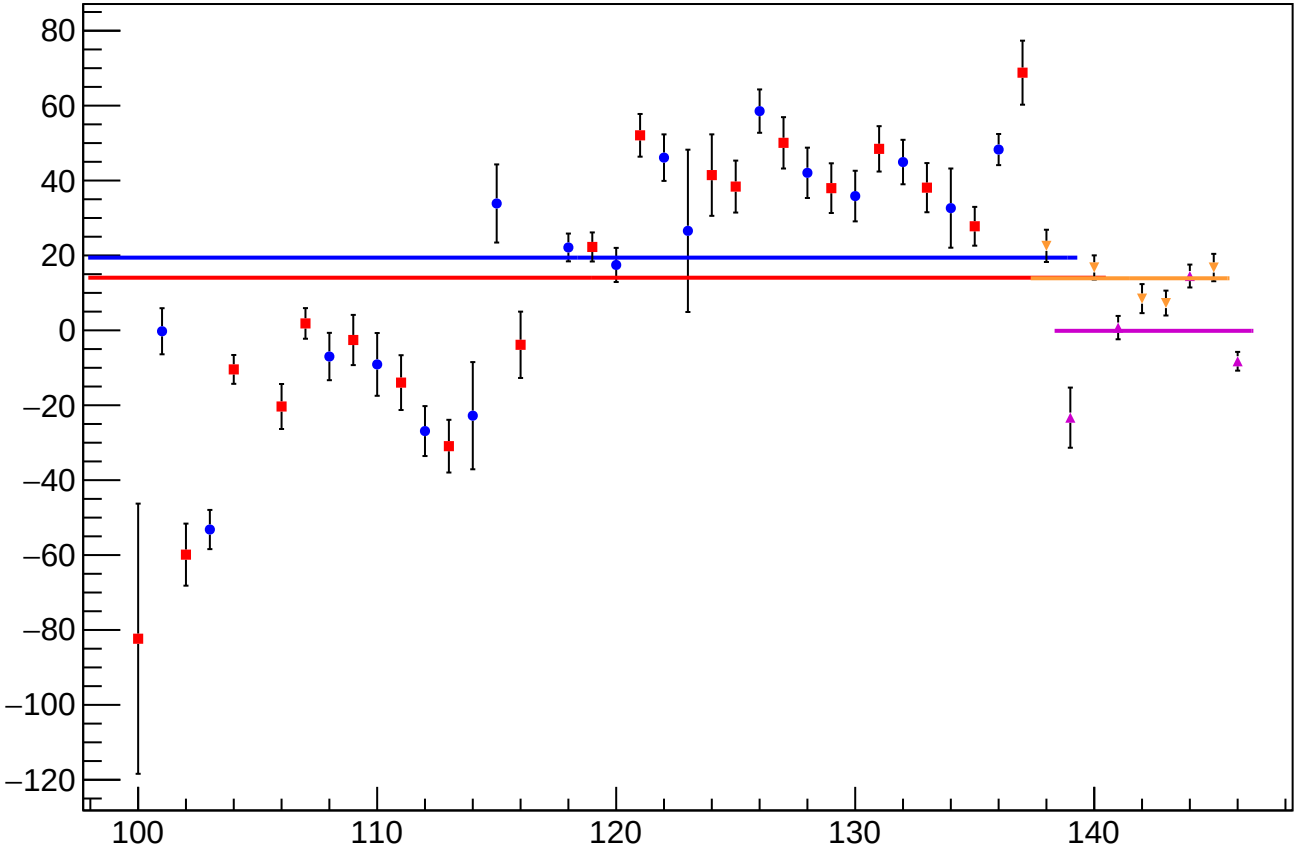
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 193.937+/-2.173 χ^2/NDF:64.7/3

Out: 168.763+/-2.055 χ^2/NDF:144.9/4

All: 180.647+/-1.493 χ^2/NDF: 280.5/8

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: 13.901+/-1.617 χ^2/NDF:11.4/4

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: -0.128+/-1.612 χ^2/NDF:41.9/3

Left: 6.863+/-1.141 χ^2/NDF: 91.0/8

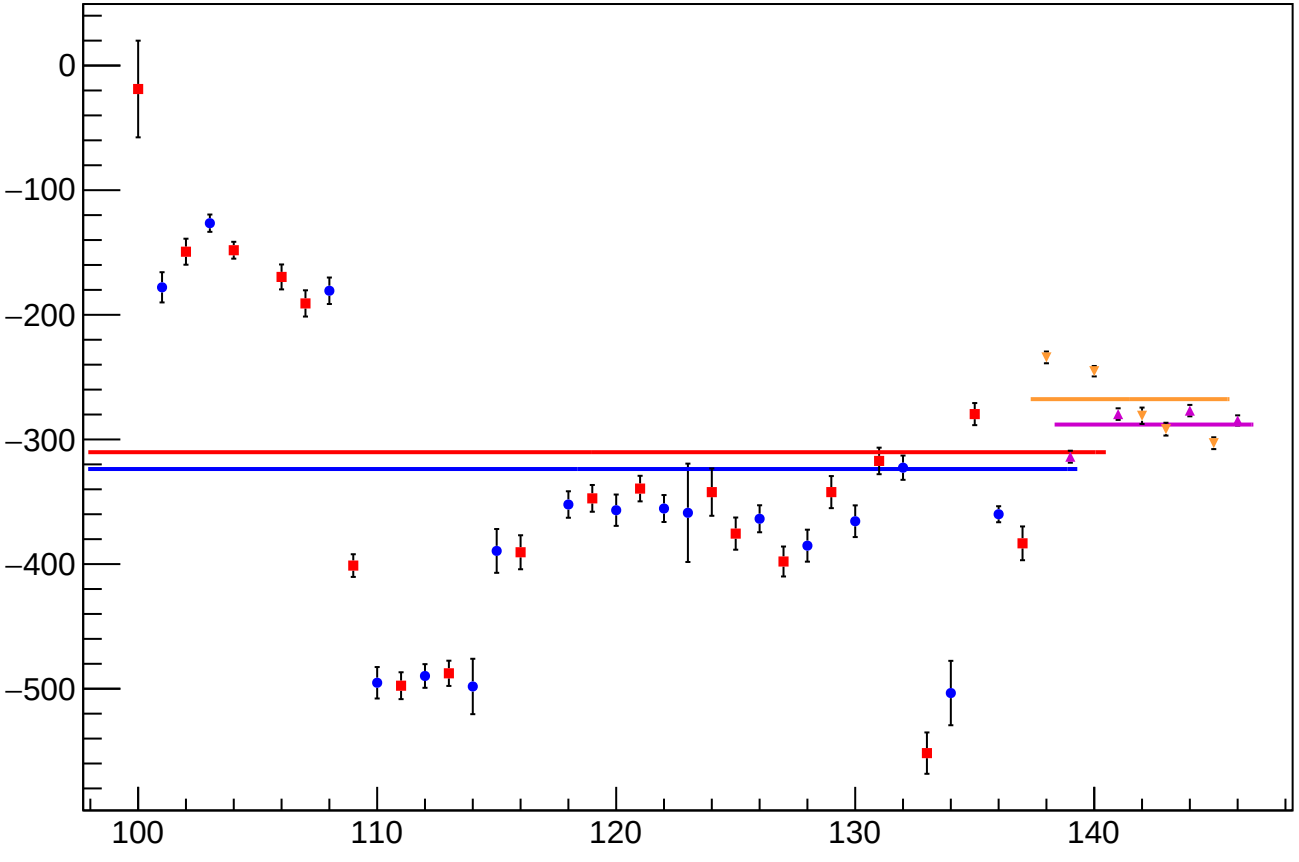
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 10.476+/-1.090 χ^2/NDF:562.8/20

Out: 13.990+/-1.055 χ^2/NDF:447.9/23

All: 12.290+/-0.758 χ^2/NDF: 1016.1/44

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: -267.663+/-2.196 χ^2/NDF:160.5/4

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -288.041+/-2.255 χ^2/NDF:38.6/3

Left: -277.582+/-1.574 χ^2/NDF: 241.1/8

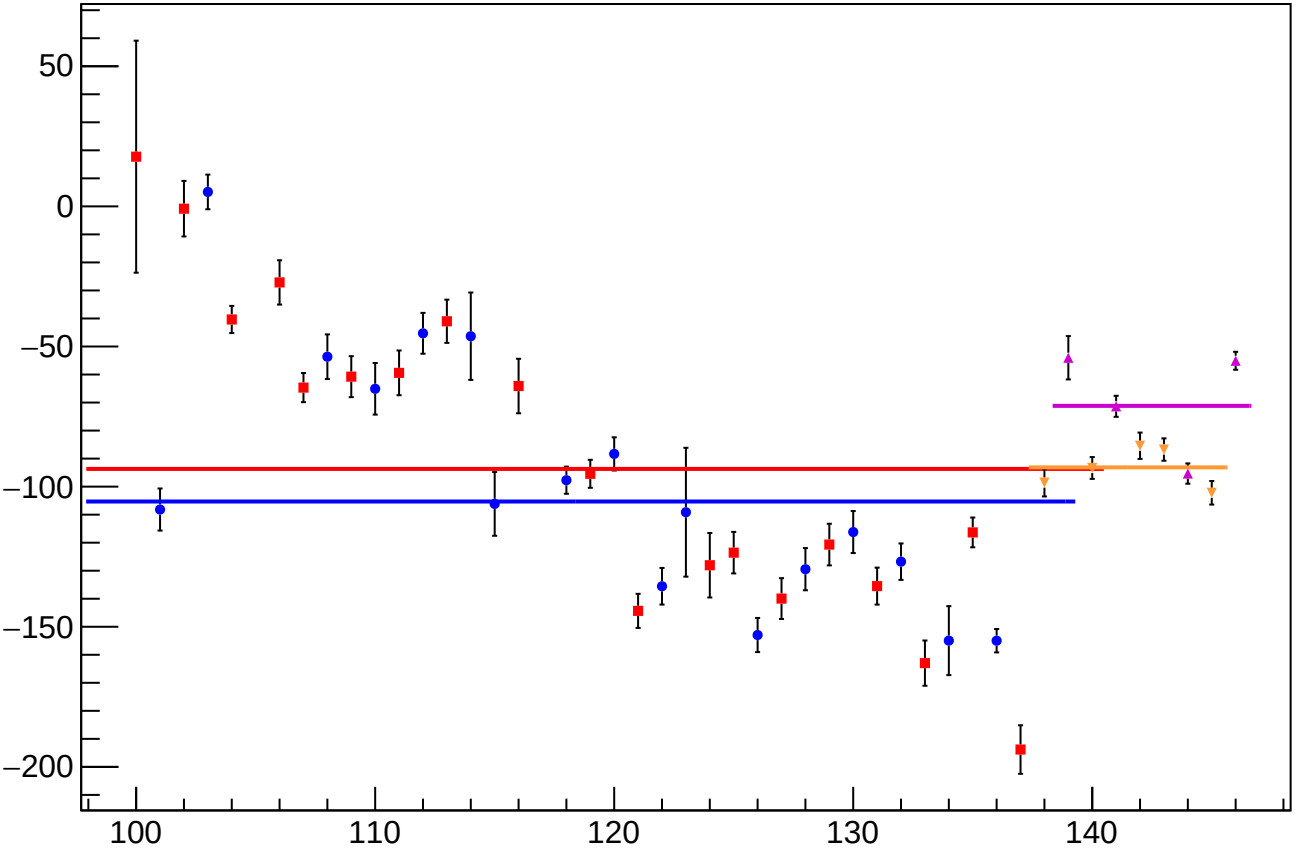
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -302.912+/-1.722 χ^2/NDF:1993.7/20

Out: -286.013+/-1.657 χ^2/NDF:2622.4/23

All: -294.133+/-1.194 χ^2/NDF: 4666.1/44

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: -93.125+/-1.919 χ^2/NDF:11.1/4

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -71.180+/-1.955 χ^2/NDF:74.7/3

Left: -82.360+/-1.369 χ^2/NDF: 150.0/8

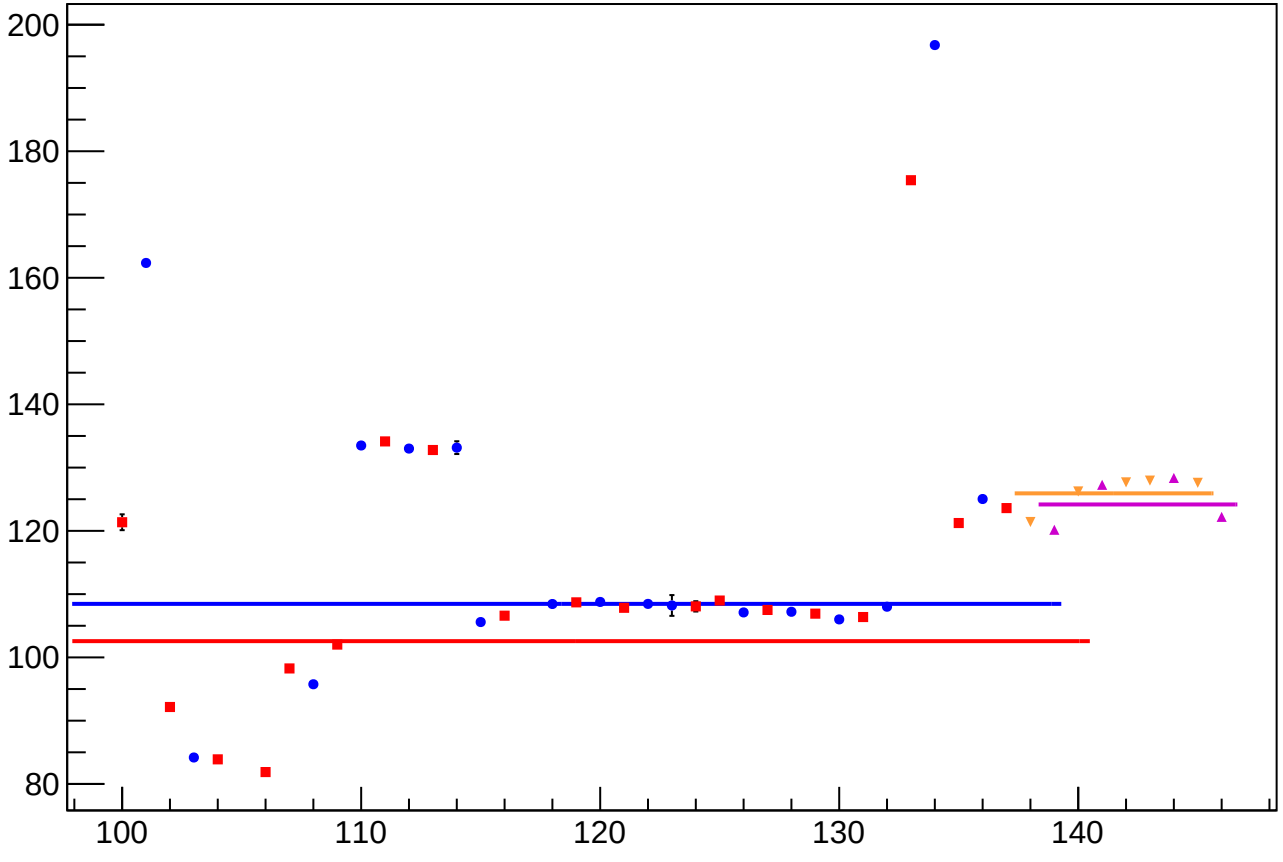
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -90.682+/-1.280 χ^2/NDF:986.3/20

Out: -93.450+/-1.234 χ^2/NDF:837.7/23

All: -92.117+/-0.888 χ^2/NDF: 1826.4/44

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: 125.927+/-0.090 χ^2/NDF:804.1/4

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 124.174+/-0.093 χ^2/NDF:1373.4/3

Left: 125.083+/-0.064 χ^2/NDF: 2362.1/8

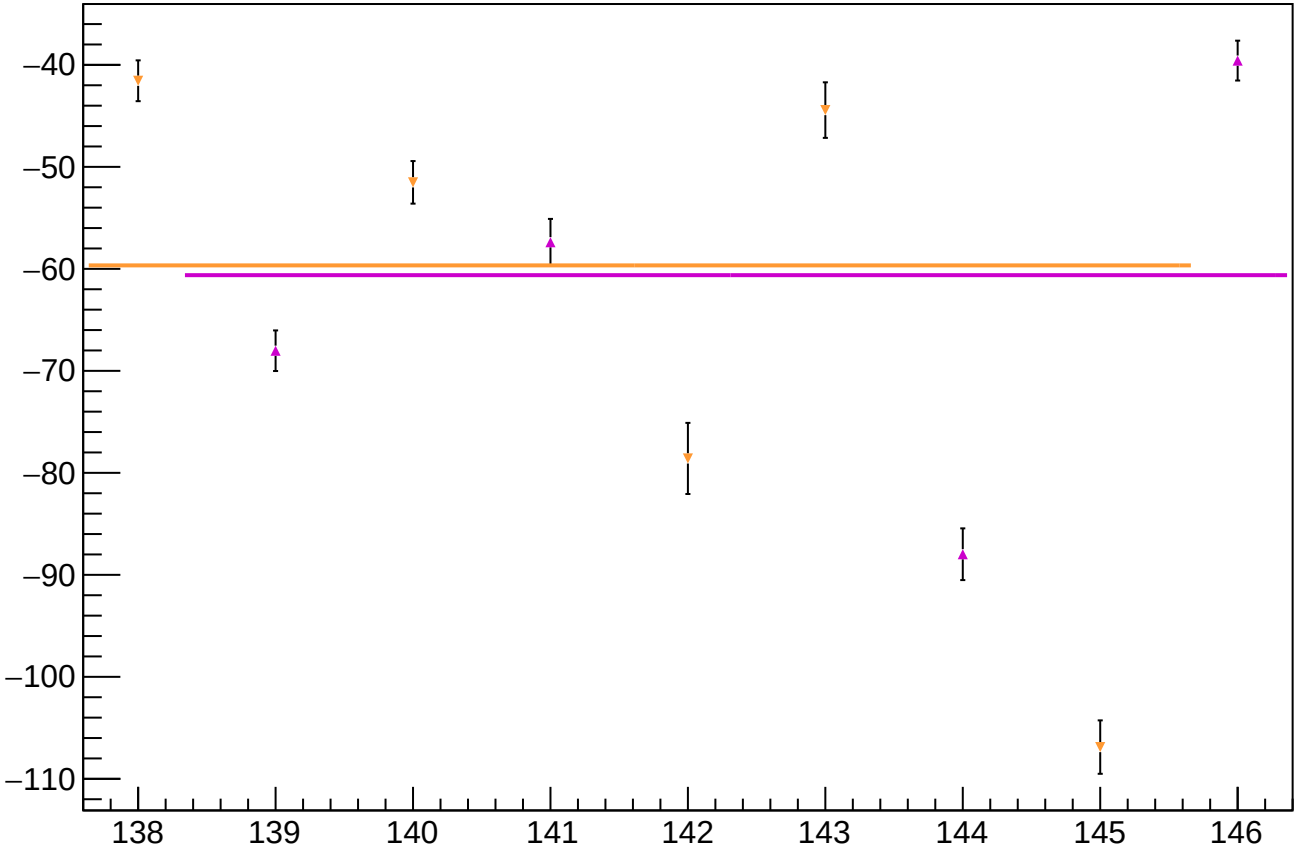
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 115.592+/-0.063 χ^2/NDF:90288.6/20

Out: 112.861+/-0.059 χ^2/NDF:92017.7/23

All: 114.156+/-0.043 χ^2/NDF: 183307.5/44

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: -59.659+/-1.090 χ^2/NDF:483.0/4

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

Left In: -60.618+/-1.078 χ^2/NDF:248.2/3

Left: -60.144+/-0.766 χ^2/NDF: 731.6/8

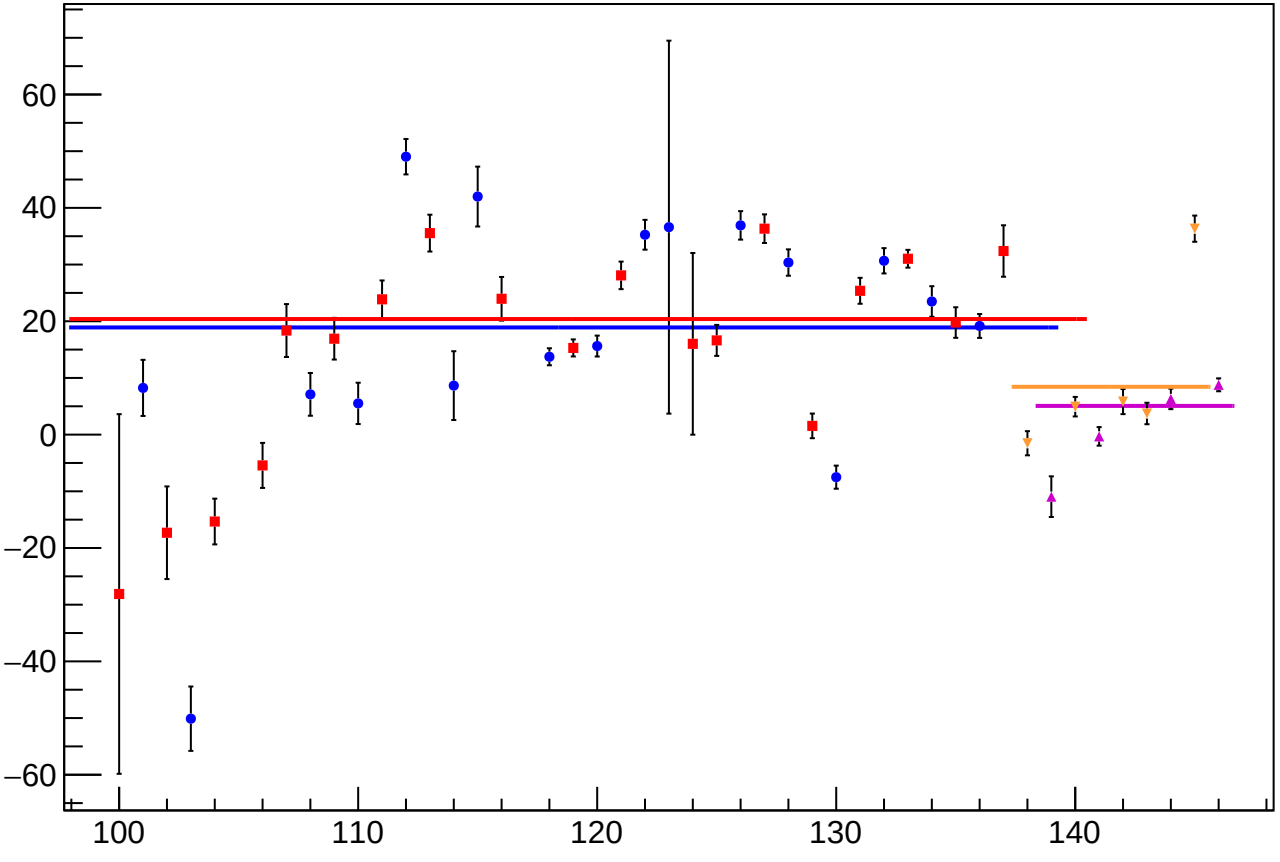
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -60.618+/-1.078 χ^2/NDF:248.2/3

Out: -59.659+/-1.090 χ^2/NDF:483.0/4

All: -60.144+/-0.766 χ^2/NDF: 731.6/8

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: 8.436+/-0.902 χ^2/NDF:179.3/4

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 5.066+/-0.809 χ^2/NDF:41.8/3

Left: 6.568+/-0.602 χ^2/NDF: 228.9/8

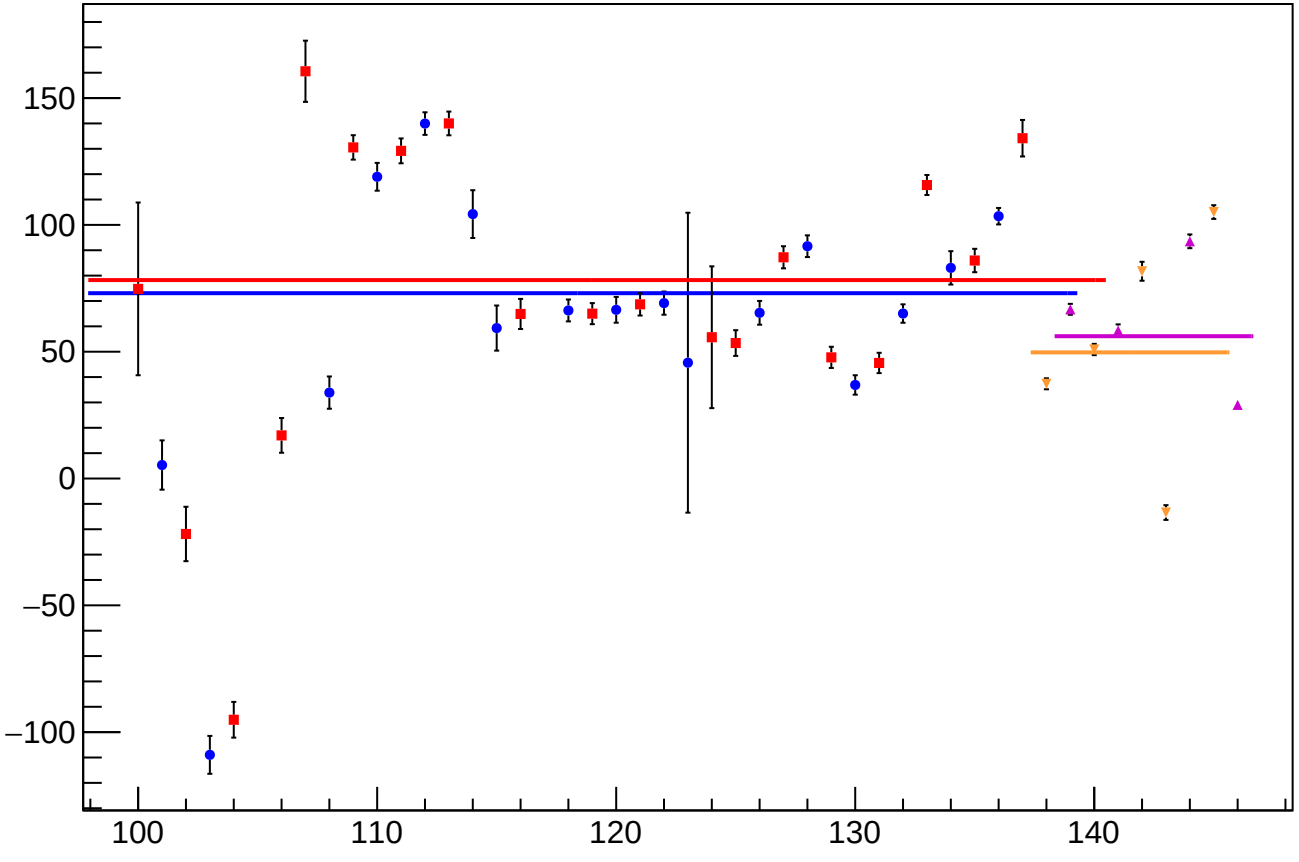
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 13.543+/-0.504 χ^2/NDF:840.0/20

Out: 16.357+/-0.524 χ^2/NDF:660.9/23

All: 14.894+/-0.363 χ^2/NDF: 1515.9/44

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: 49.732+/-1.161 χ^2/NDF:996.6/4

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 56.110+/-1.113 χ^2/NDF:425.5/3

Left: 53.055+/-0.804 χ^2/NDF: 1437.8/8

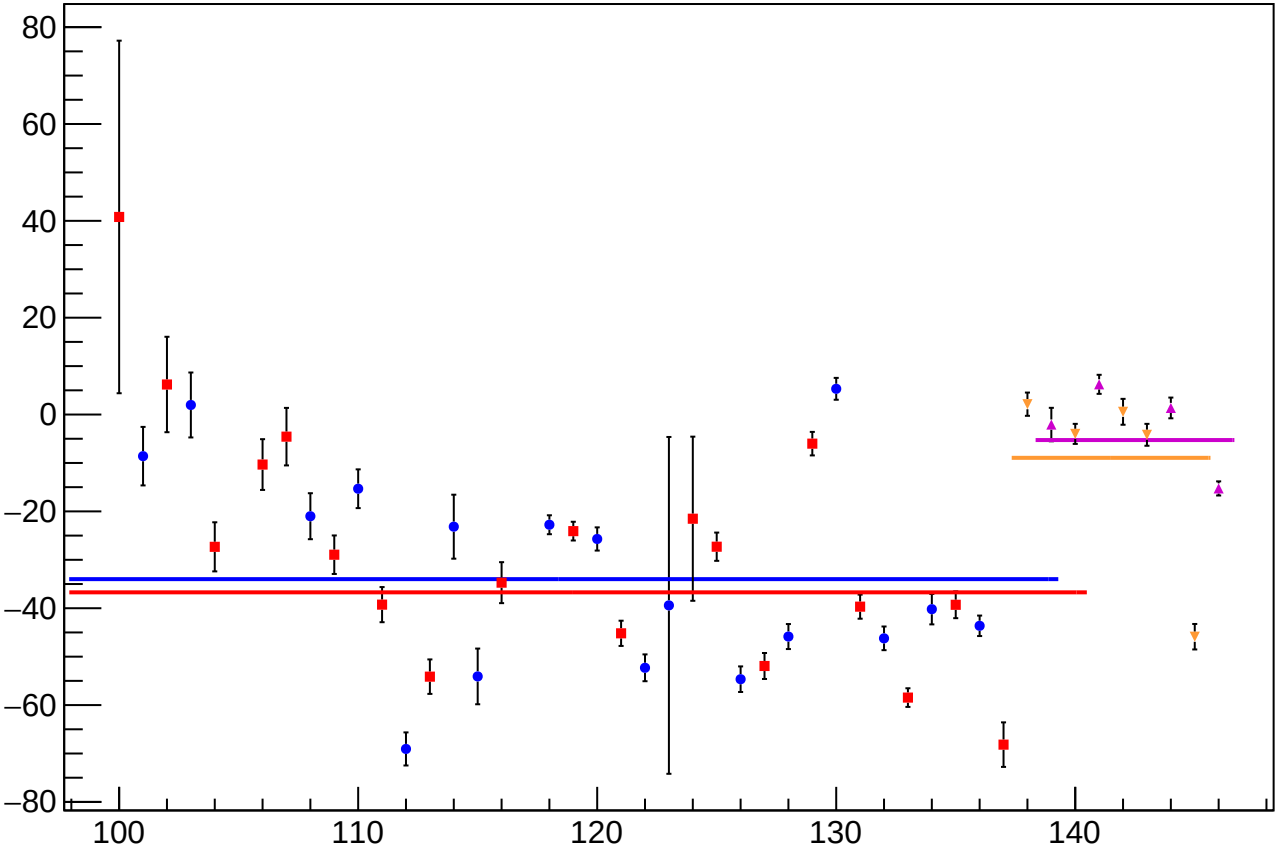
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 63.763+/-0.825 χ^2/NDF:1730.2/20

Out: 63.254+/-0.842 χ^2/NDF:2825.2/23

All: 63.514+/-0.589 χ^2/NDF: 4555.5/44

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: -8.941+/-1.062 χ^2/NDF:241.2/4

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -5.269+/-0.985 χ^2/NDF:91.6/3

Left: -6.968+/-0.722 χ^2/NDF: 339.2/8

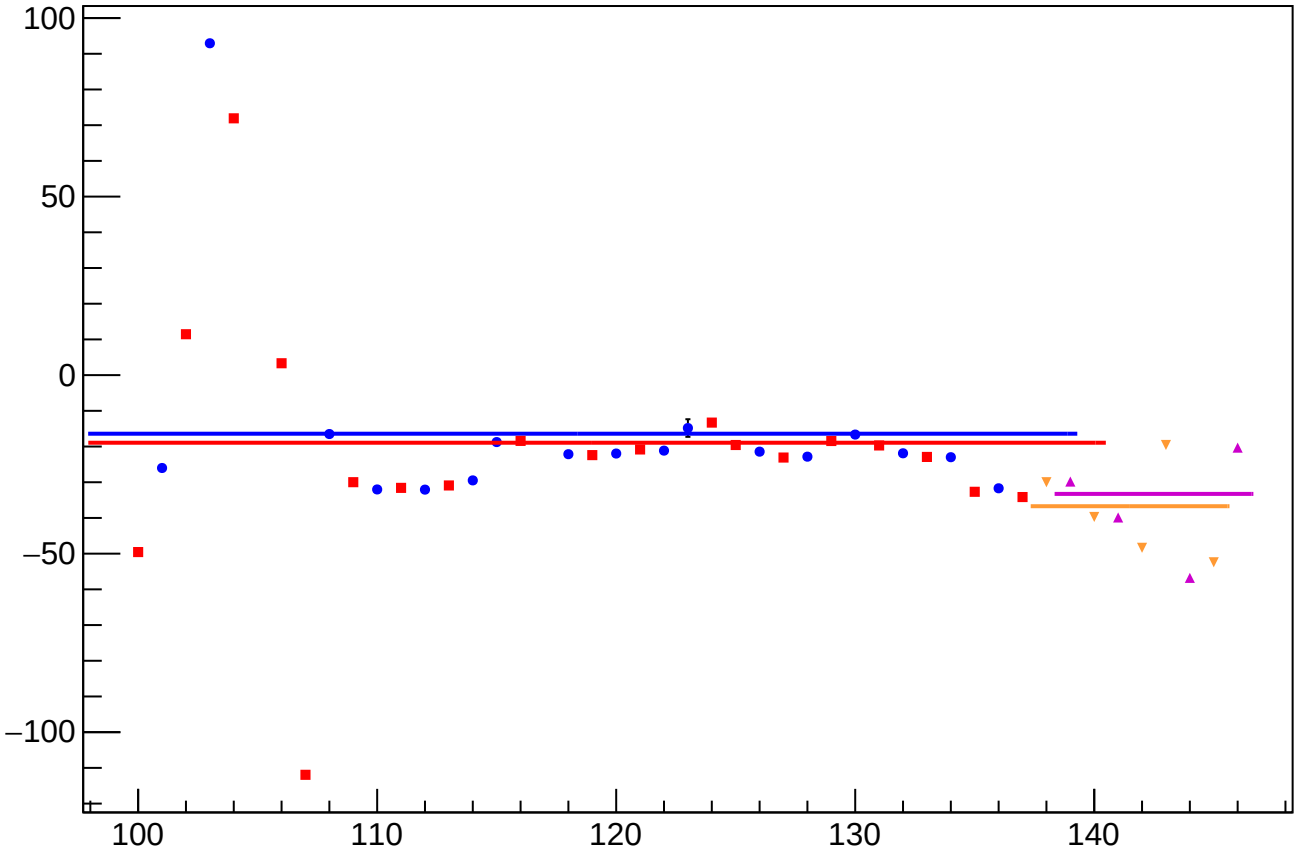
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -23.697+/-0.590 χ^2/NDF:1356.8/20

Out: -27.691+/-0.605 χ^2/NDF:1246.1/23

All: -25.642+/-0.422 χ^2/NDF: 2625.3/44

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: -36.716+/-0.047 χ^2/NDF:56603.7/4

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -33.265+/-0.045 χ^2/NDF:68355.9/3

Left: -34.933+/-0.033 χ^2/NDF: 127741.9/8

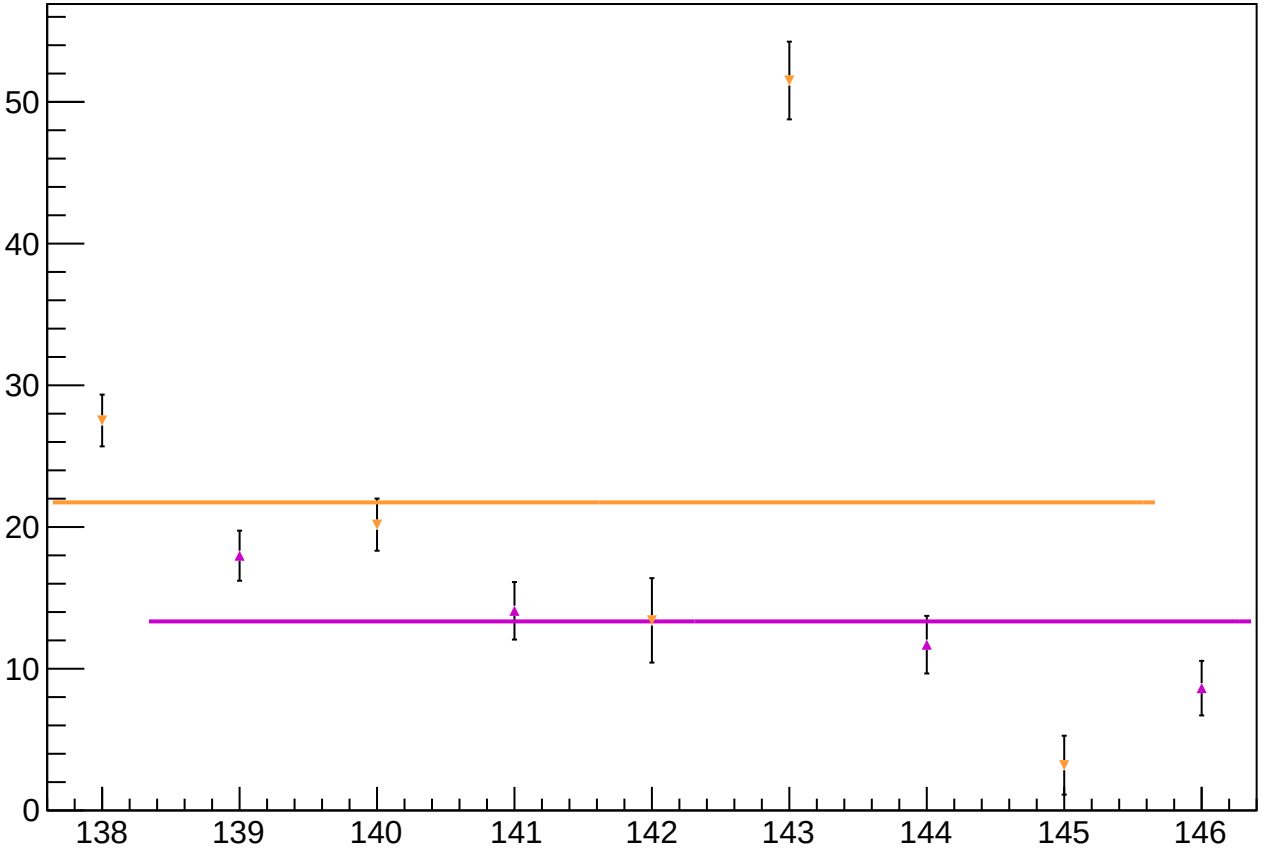
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -24.637+/-0.032 χ^2/NDF:613032.1/20

Out: -27.482+/-0.033 χ^2/NDF:565023.1/23

All: -26.023+/-0.023 χ^2/NDF: 1181958.5/44

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: 21.739+/-0.966 χ^2/NDF:216.1/4

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

Left In: 13.340+/-0.964 χ^2/NDF:13.7/3

Left: 17.533+/-0.682 χ^2/NDF: 267.6/8

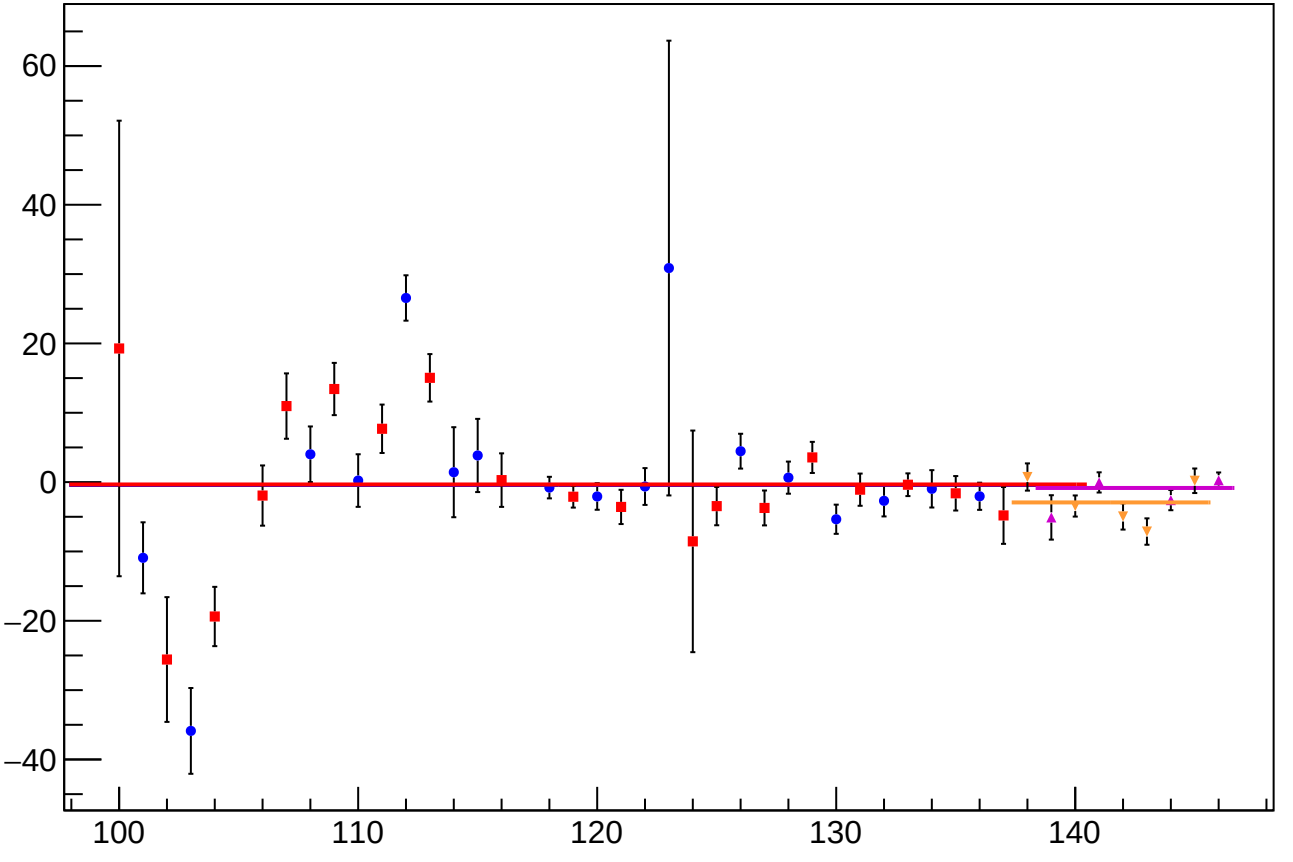
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.340+/-0.964 χ^2/NDF:13.7/3

Out: 21.739+/-0.966 χ^2/NDF:216.1/4

All: 17.533+/-0.682 χ^2/NDF: 267.6/8

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -2.930+/-0.799 χ^2/NDF:12.7/4

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -0.844+/-0.741 χ^2/NDF:4.5/3

Left: -1.807+/-0.543 χ^2/NDF: 20.9/8

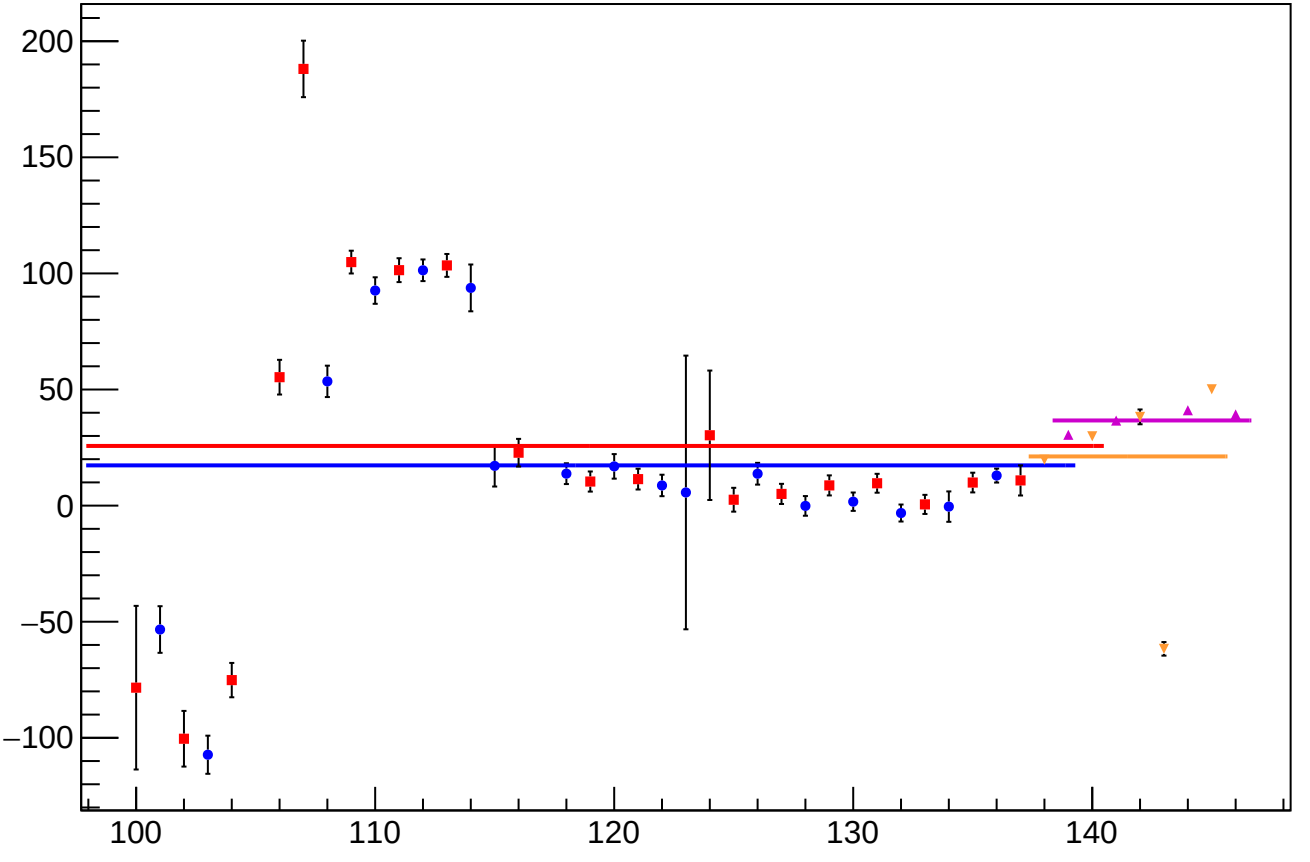
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.602+/-0.490 χ^2/NDF:124.6/20

Out: -1.386+/-0.508 χ^2/NDF:102.7/23

All: -0.980+/-0.353 χ^2/NDF: 228.5/44

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: 21.180+/-1.031 χ^2/NDF:1026.8/4

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 36.674+/-1.003 χ^2/NDF:16.5/3

Left: 29.142+/-0.719 χ^2/NDF: 1159.4/8

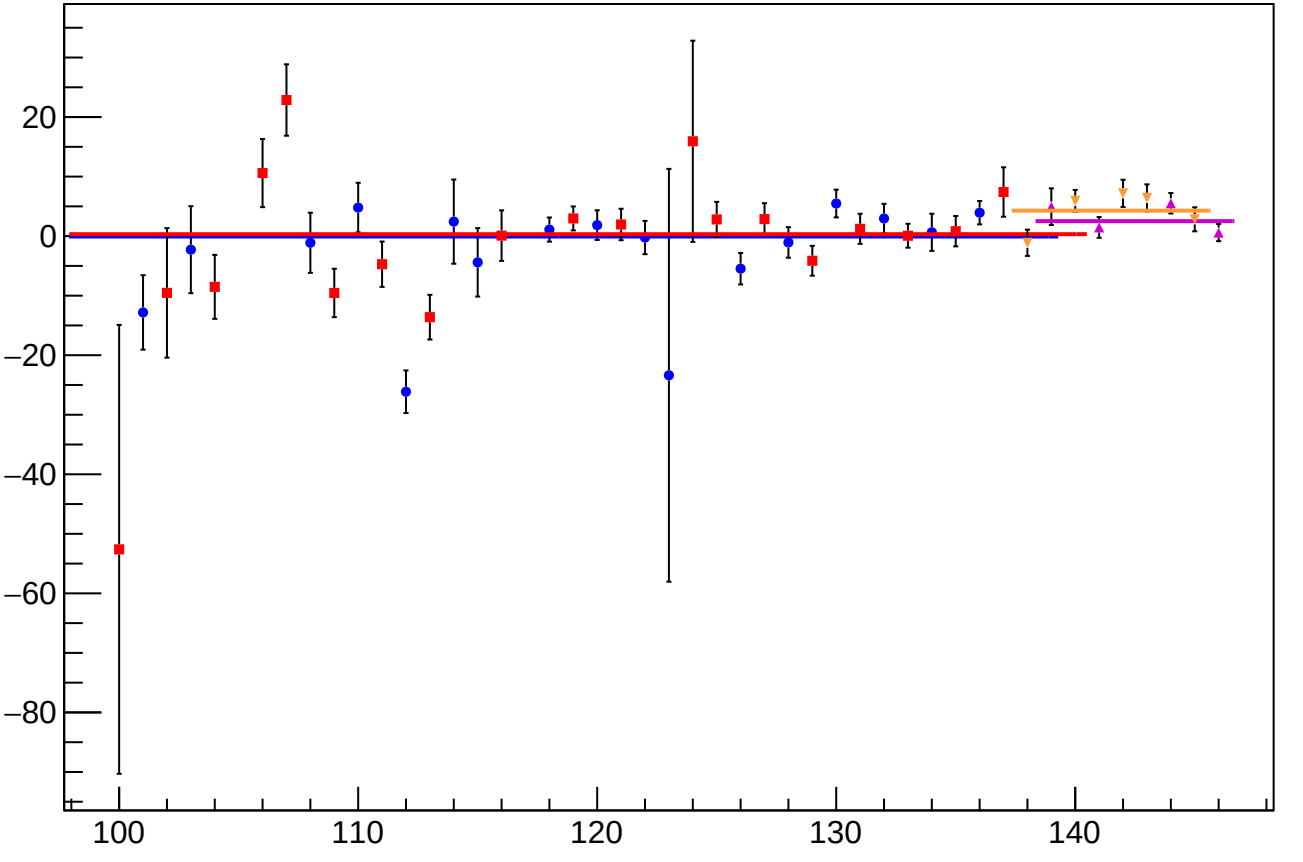
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 29.015+/-0.779 χ^2/NDF:1107.0/20

Out: 23.023+/-0.793 χ^2/NDF:2413.7/23

All: 26.073+/-0.556 χ^2/NDF: 3549.8/44

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: 4.280+/-0.939 χ^2/NDF:9.8/4

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 2.522+/-0.895 χ^2/NDF:5.8/3

Left: 3.359+/-0.648 χ^2/NDF: 17.5/8

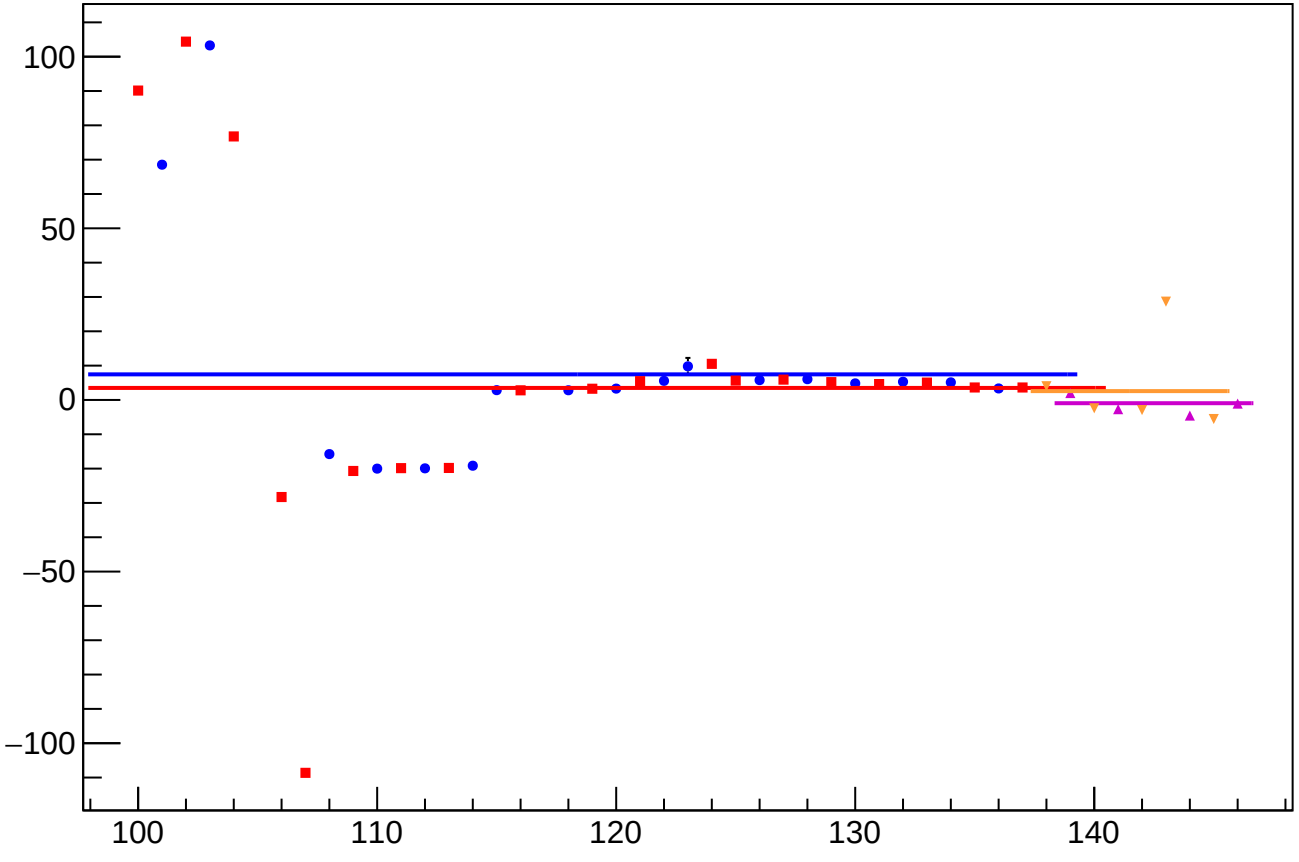
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 0.995+/-0.572 χ^2/NDF:87.3/20

Out: 1.865+/-0.586 χ^2/NDF:75.8/23

All: 1.420+/-0.409 χ^2/NDF: 164.2/44

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: 2.574+/-0.042 χ^2/NDF:64223.1/4

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -0.947+/-0.041 χ^2/NDF:3759.1/3

Left: 0.780+/-0.029 χ^2/NDF: 71632.6/8

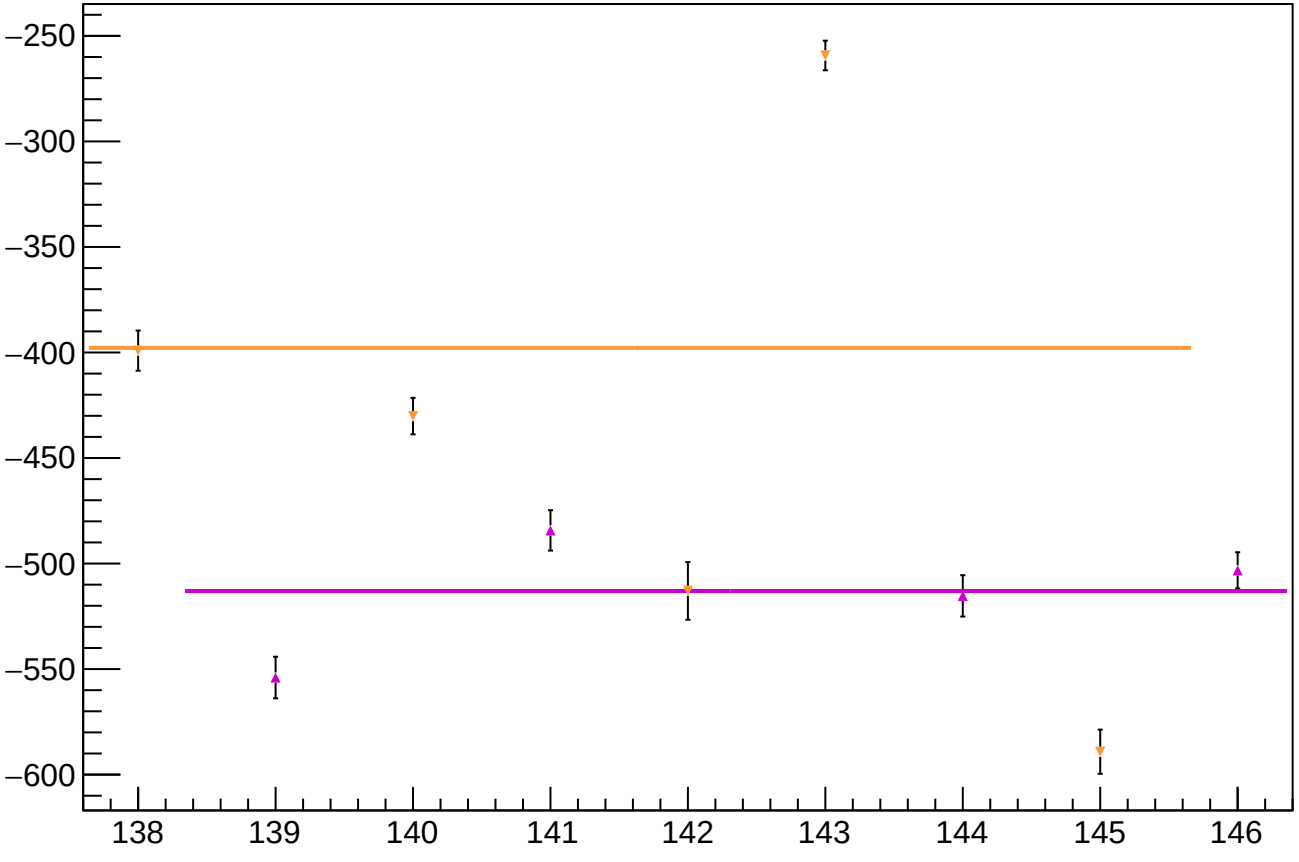
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 2.899+/-0.030 χ^2/NDF:379207.3/20

Out: 2.996+/-0.031 χ^2/NDF:575029.0/23

All: 2.946+/-0.021 χ^2/NDF: 954241.5/44

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: -397.810+/-4.109 χ^2/NDF:809.2/4

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

Left In: -513.007+/-4.700 χ^2/NDF:27.7/3

Left: -447.707+/-3.094 χ^2/NDF: 1177.4/8

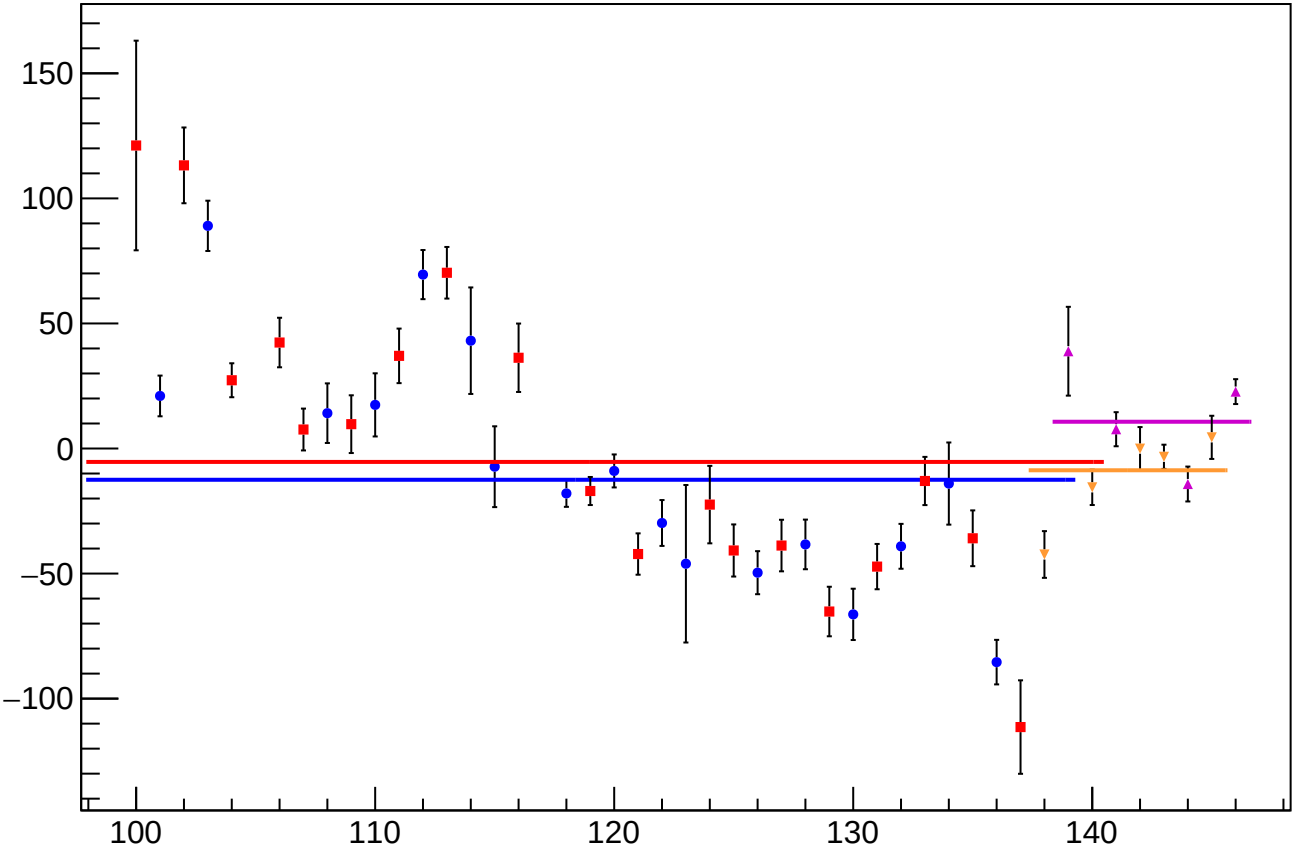
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -513.007+/-4.700 χ^2/NDF:27.7/3

Out: -397.810+/-4.109 χ^2/NDF:809.2/4

All: -447.707+/-3.094 χ^2/NDF: 1177.4/8

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: -8.703+/-3.147 χ^2/NDF:18.5/4

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 10.700+/-3.416 χ^2/NDF:21.3/3

Left: 0.203+/-2.315 χ^2/NDF: 57.3/8

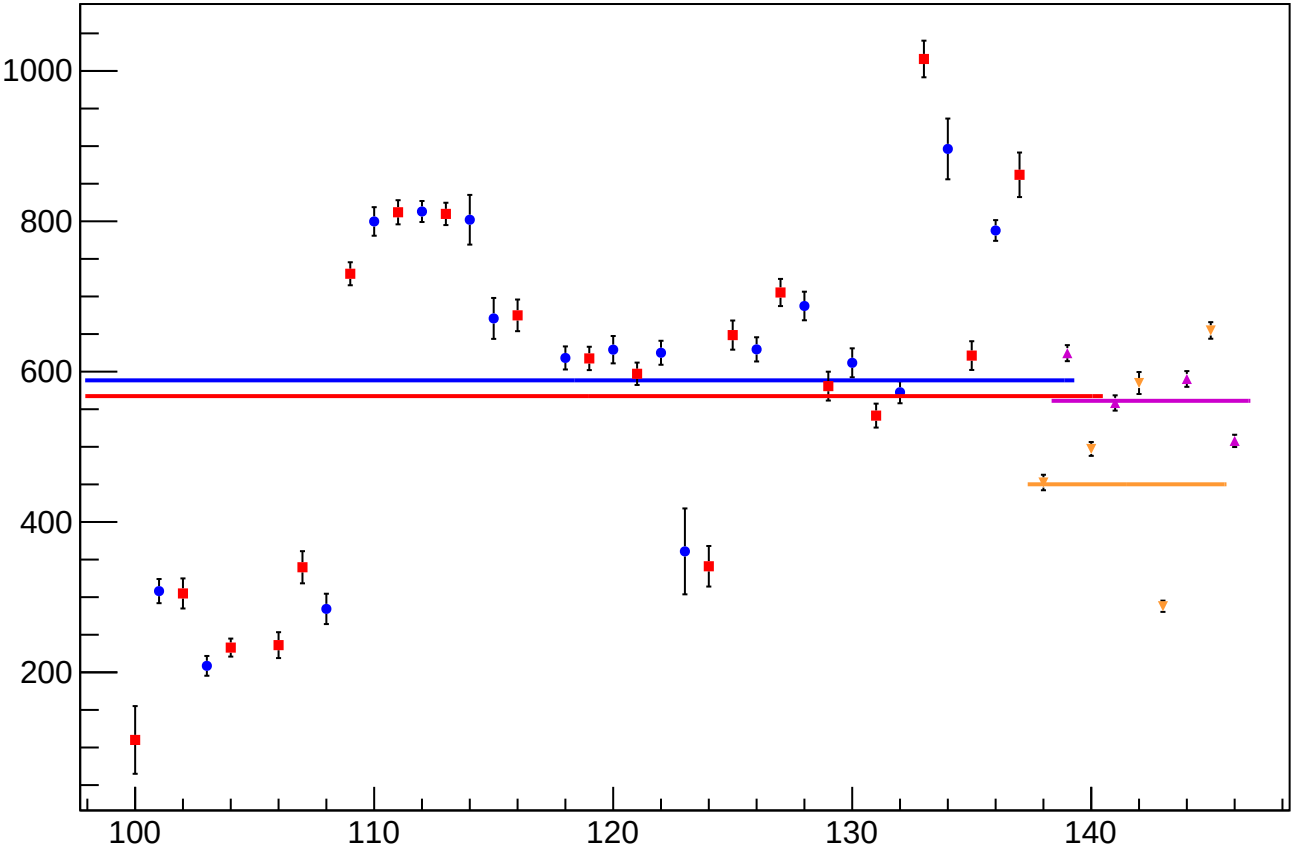
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: -5.217+/-1.914 χ^2/NDF:394.0/20

Out: -6.502+/-1.838 χ^2/NDF:363.8/23

All: -5.886+/-1.326 χ^2/NDF: 758.1/44

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: 450.135+/-4.388 χ^2/NDF:924.9/4

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 561.194+/-4.852 χ^2/NDF:85.5/3

Left: 500.097+/-3.254 χ^2/NDF: 1298.7/8

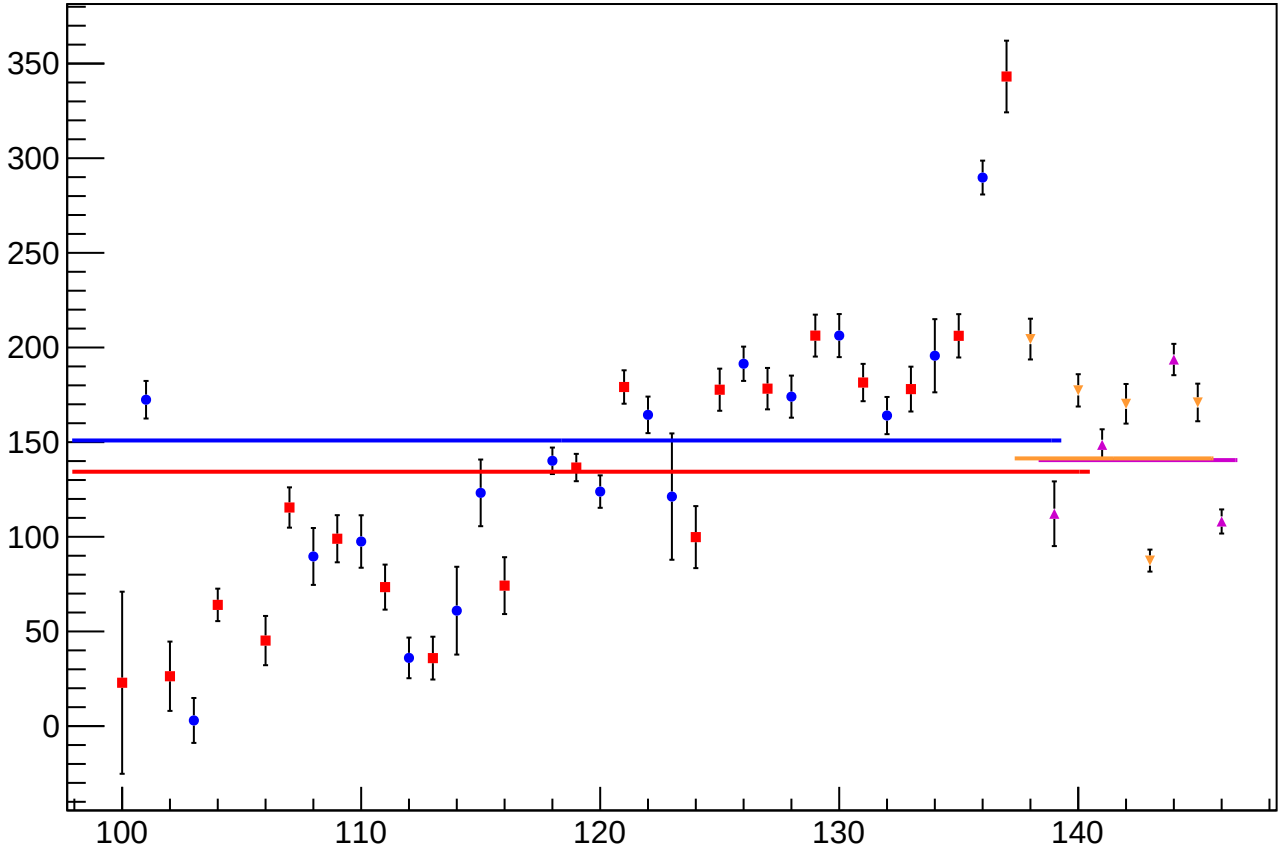
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 576.380+/-3.227 χ^2/NDF:2233.3/20

Out: 512.242+/-3.010 χ^2/NDF:4088.2/23

All: 542.085+/-2.201 χ^2/NDF: 6532.7/44

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: 141.415+/-3.746 χ^2/NDF:154.9/4

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 140.515+/-4.170 χ^2/NDF:70.9/3

Left: 141.013+/-2.787 χ^2/NDF: 225.7/8

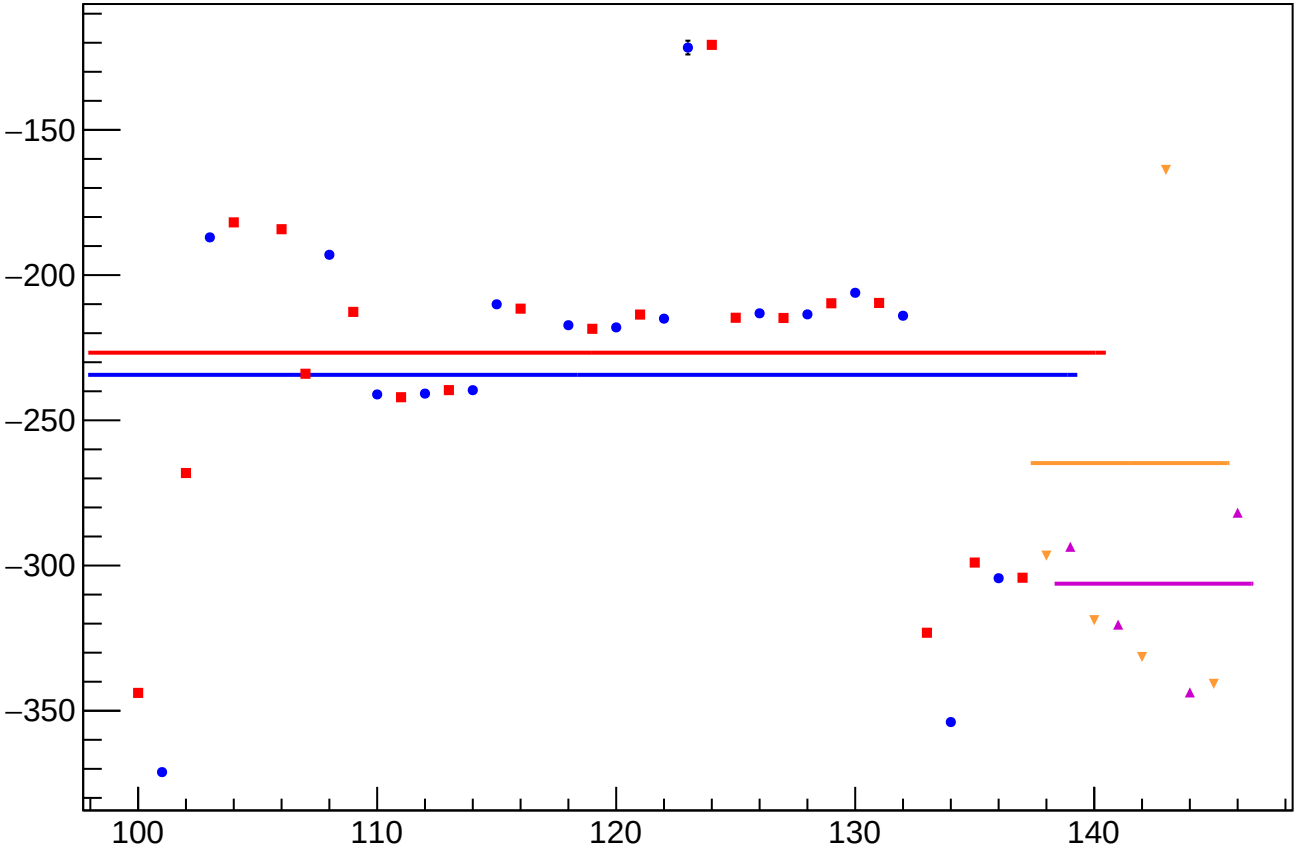
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 147.868+/-2.251 χ^2/NDF:710.0/20

Out: 136.691+/-2.147 χ^2/NDF:742.1/23

All: 142.015+/-1.553 χ^2/NDF: 1465.1/44

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -264.725+/-0.179 χ^2/NDF:180261.1/4

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -306.248+/-0.201 χ^2/NDF:13177.6/3

Left: -283.036+/-0.134 χ^2/NDF: 217271.7/8

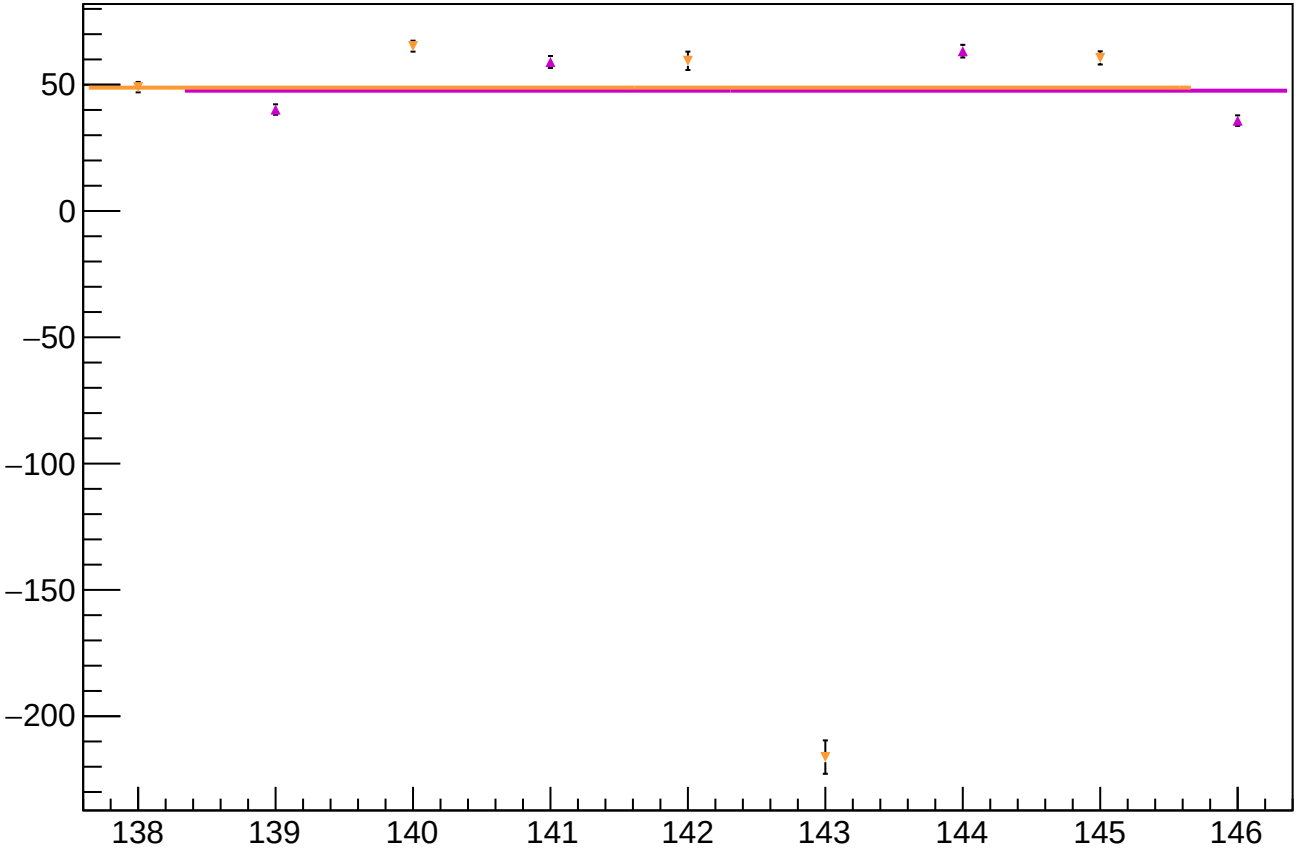
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -259.672+/-0.119 χ^2/NDF:241157.0/20

Out: -241.350+/-0.111 χ^2/NDF:307550.7/23

All: -249.833+/-0.081 χ^2/NDF: 561361.3/44

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: 48.836+/-1.203 χ^2/NDF:1692.0/4

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

Left In: 47.630+/-1.119 χ^2/NDF:106.9/3

Left: 48.189+/-0.819 χ^2/NDF: 1799.5/8

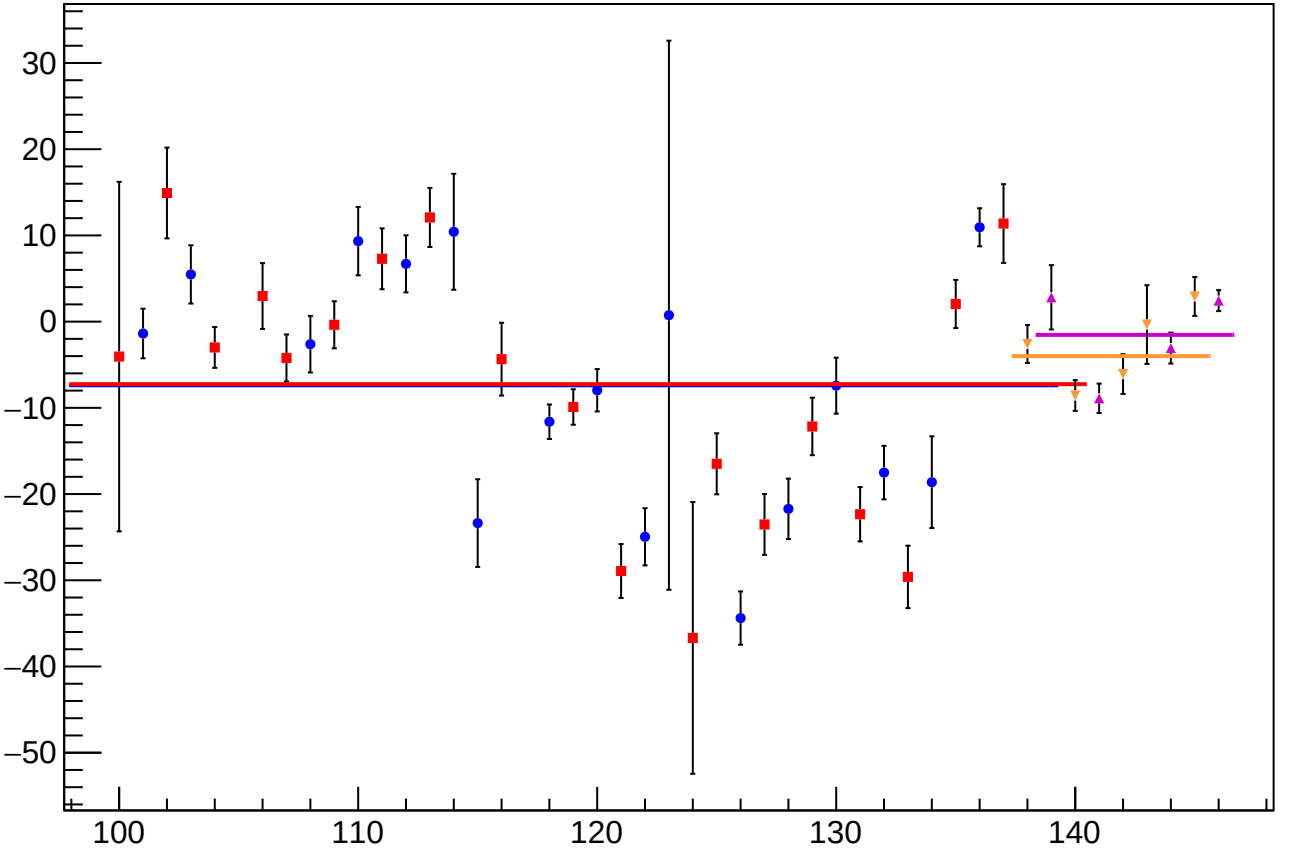
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 47.630+/-1.119 χ^2/NDF:106.9/3

Out: 48.836+/-1.203 χ^2/NDF:1692.0/4

All: 48.189+/-0.819 χ^2/NDF: 1799.5/8

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: -4.004+/-1.024 χ^2/NDF:17.8/4

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -1.538+/-0.844 χ^2/NDF:31.4/3

Left: -2.536+/-0.652 χ^2/NDF: 52.7/8

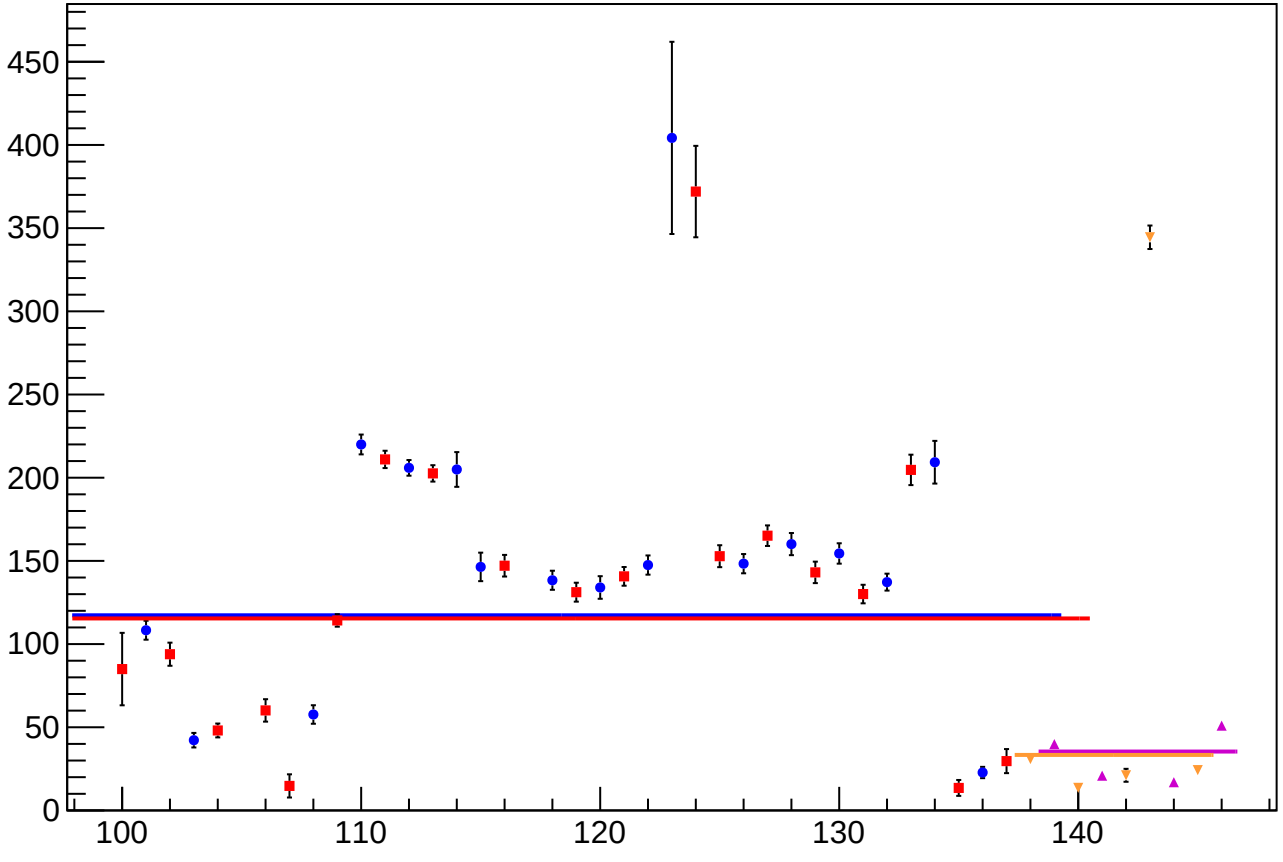
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -4.696+/-0.572 χ^2/NDF:340.8/20

Out: -6.097+/-0.611 χ^2/NDF:281.6/23

All: -5.351+/-0.418 χ^2/NDF: 625.3/44

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: 33.378+/-1.284 χ^2/NDF:2039.0/4

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 35.406+/-1.158 χ^2/NDF:144.9/3

Left: 34.496+/-0.860 χ^2/NDF: 2185.3/8

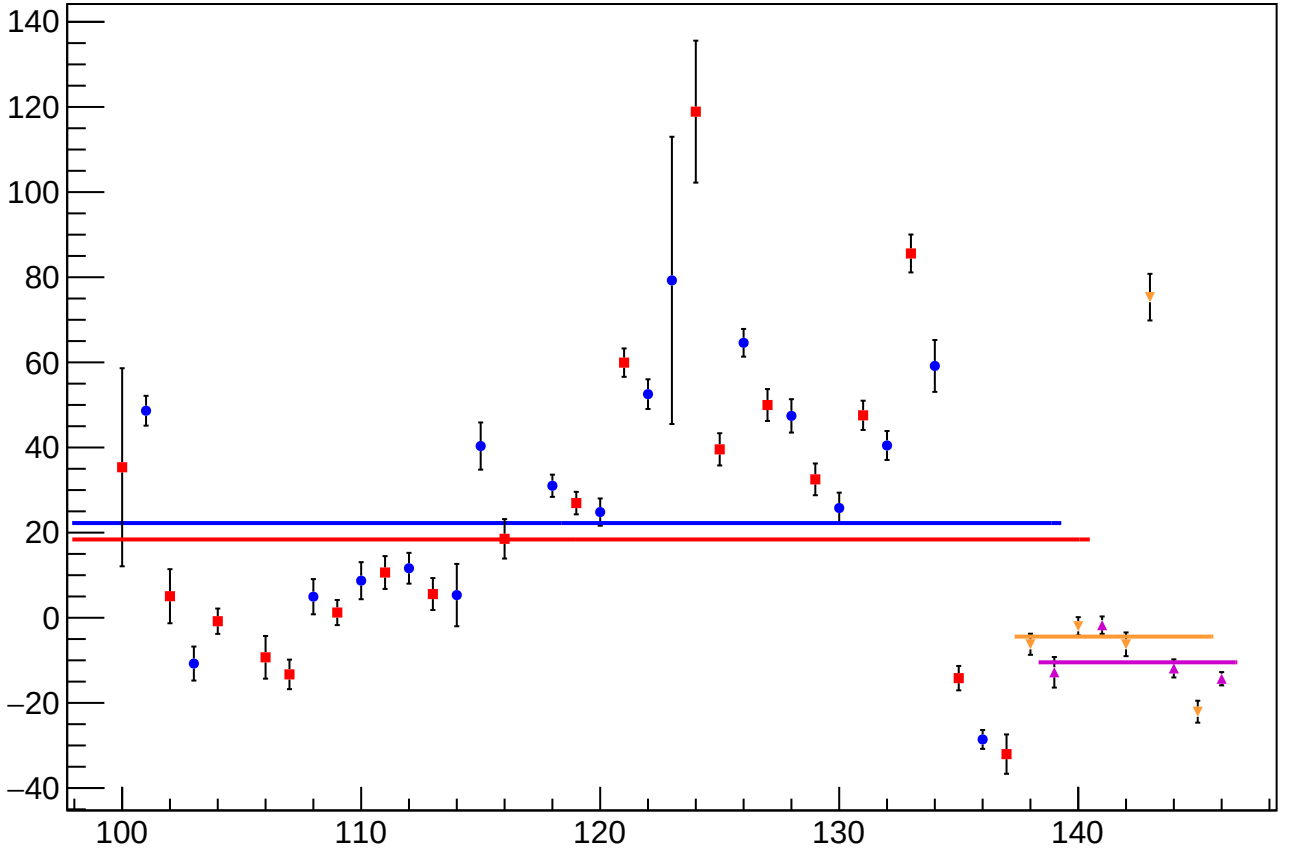
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 68.434+/-0.895 χ^2/NDF:4323.3/20

Out: 72.010+/-0.934 χ^2/NDF:6112.3/23

All: 70.145+/-0.646 χ^2/NDF: 10443.3/44

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: -4.426+/-1.201 χ^2/NDF:261.3/4

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -10.467+/-1.026 χ^2/NDF:25.2/3

Left: -7.918+/-0.780 χ^2/NDF: 301.1/8

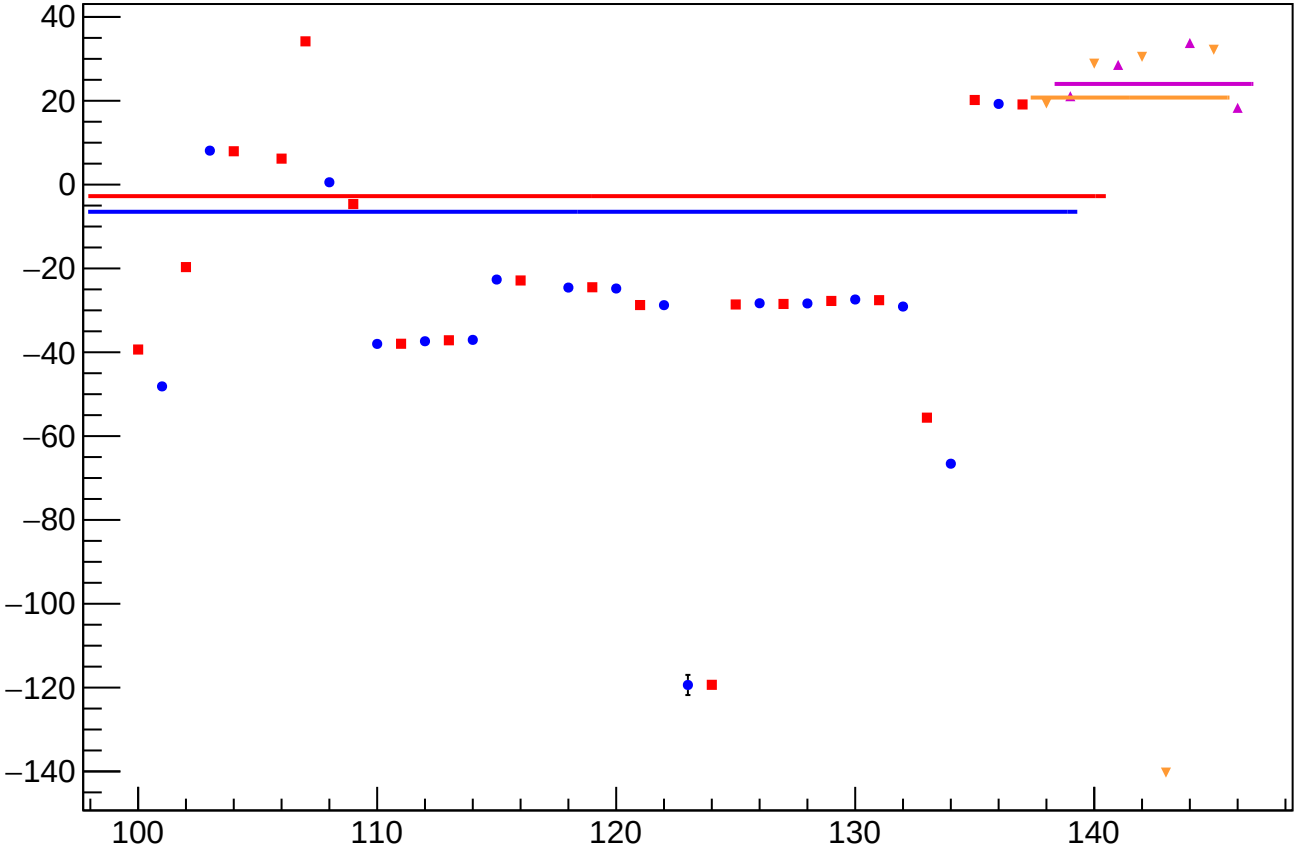
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: 8.222+/-0.672 χ^2/NDF:1677.2/20

Out: 10.519+/-0.706 χ^2/NDF:1574.9/23

All: 9.315+/-0.487 χ^2/NDF: 3257.6/44

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: 20.767+/-0.052 χ^2/NDF:345489.8/4

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 24.018+/-0.047 χ^2/NDF:14087.8/3

Left: 22.546+/-0.035 χ^2/NDF: 361719.9/8

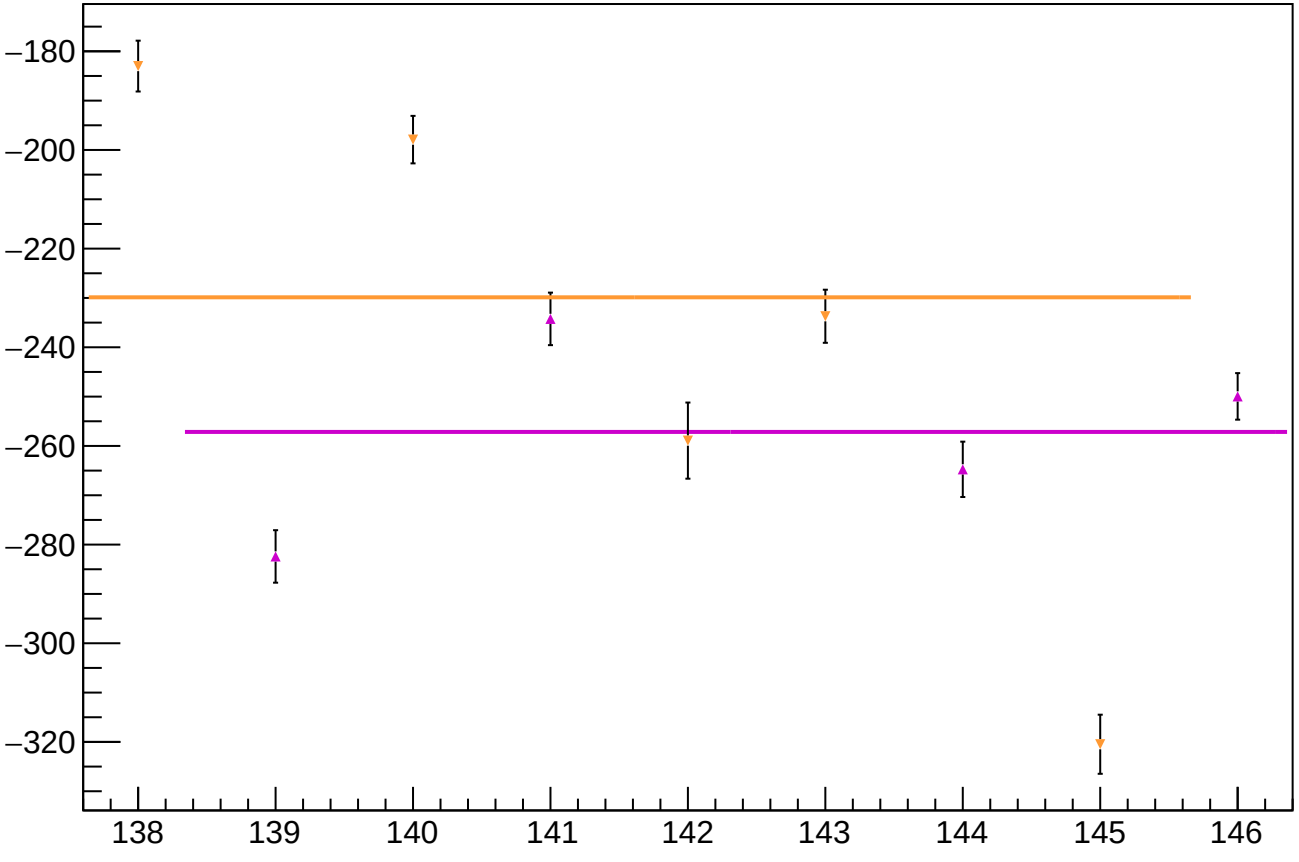
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 8.407+/-0.033 χ^2/NDF:492990.1/20

Out: 7.504+/-0.034 χ^2/NDF:727366.1/23

All: 7.972+/-0.024 χ^2/NDF: 1220716.0/44

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: -229.873+/-2.500 χ^2/NDF:370.2/4

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

Left In: -257.160+/-2.606 χ^2/NDF:45.2/3

Left: -242.953+/-1.804 χ^2/NDF: 472.5/8

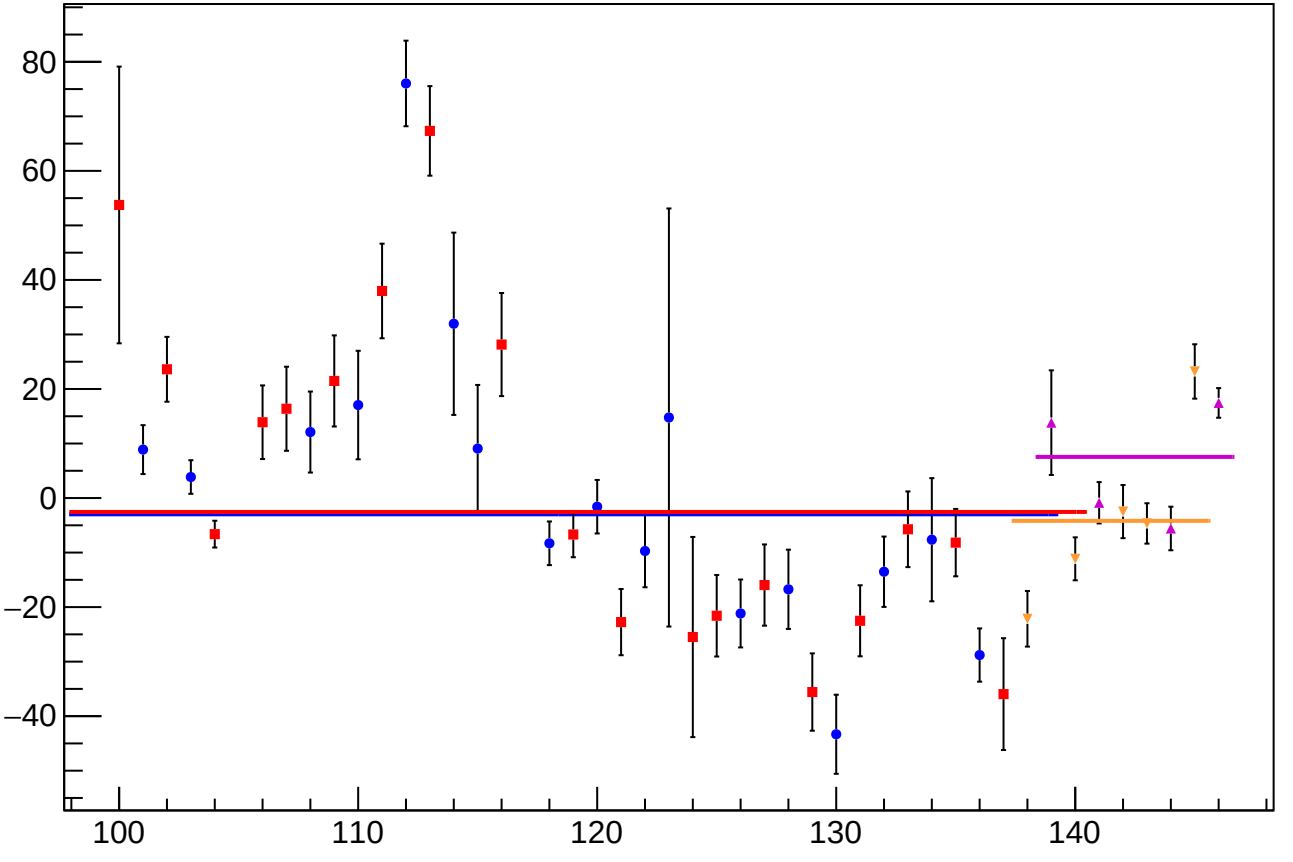
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -257.160+/-2.606 χ^2/NDF:45.2/3

Out: -229.873+/-2.500 χ^2/NDF:370.2/4

All: -242.953+/-1.804 χ^2/NDF: 472.5/8

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: -4.181+/-1.969 χ^2/NDF:45.8/4

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 7.546+/-1.896 χ^2/NDF:29.4/3

Left: 1.905+/-1.366 χ^2/NDF: 93.6/8

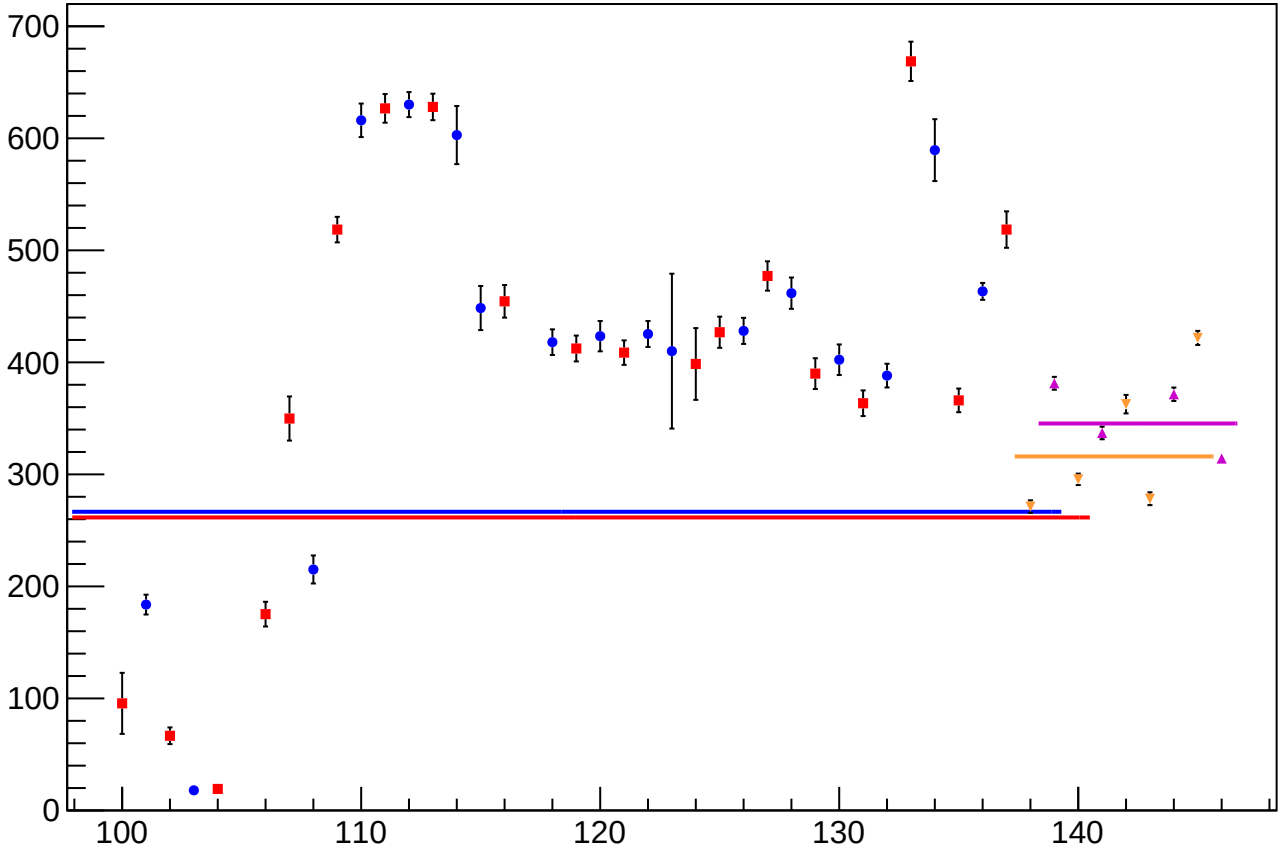
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 0.906+/-1.152 χ^2/NDF:252.8/20

Out: -3.096+/-1.140 χ^2/NDF:264.4/23

All: -1.115+/-0.810 χ^2/NDF: 523.2/44

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: 316.021+/-2.670 χ^2/NDF:437.7/4

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 345.432+/-2.688 χ^2/NDF:108.2/3

Left: 330.625+/-1.894 χ^2/NDF: 606.2/8

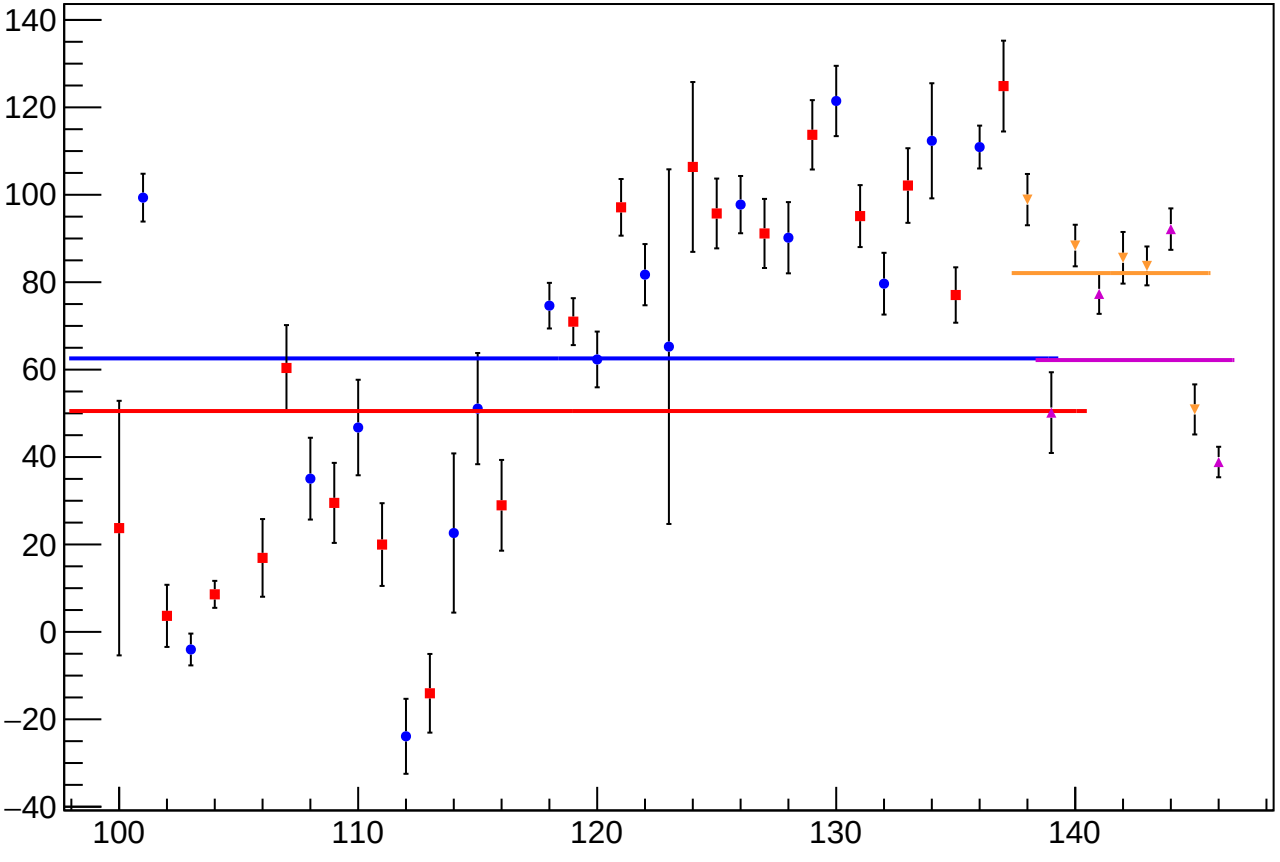
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 302.815+/-1.822 χ^2/NDF:8235.6/20

Out: 286.539+/-1.808 χ^2/NDF:8871.2/23

All: 294.617+/-1.283 χ^2/NDF: 17147.1/44

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: 82.087+/-2.338 χ^2/NDF:40.1/4

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 62.186+/-2.316 χ^2/NDF:97.3/3

Left: 72.044+/-1.646 χ^2/NDF: 174.0/8

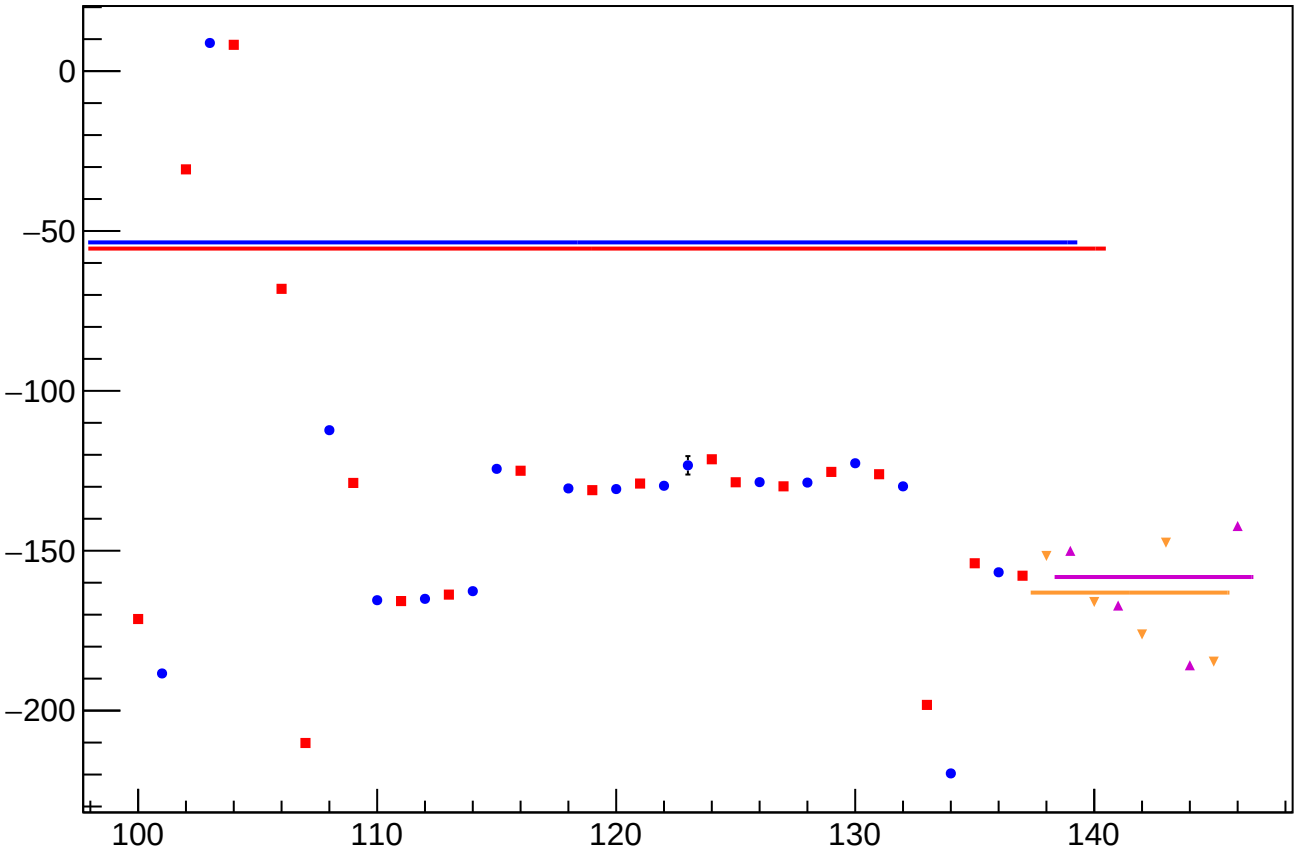
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 62.436+/-1.359 χ^2/NDF:819.8/20

Out: 60.962+/-1.345 χ^2/NDF:819.0/23

All: 61.691+/-0.956 χ^2/NDF: 1639.4/44

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: -163.096+/-0.109 χ^2/NDF:16531.6/4

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -158.218+/-0.111 χ^2/NDF:20100.3/3

Left: -160.706+/-0.078 χ^2/NDF: 37614.9/8

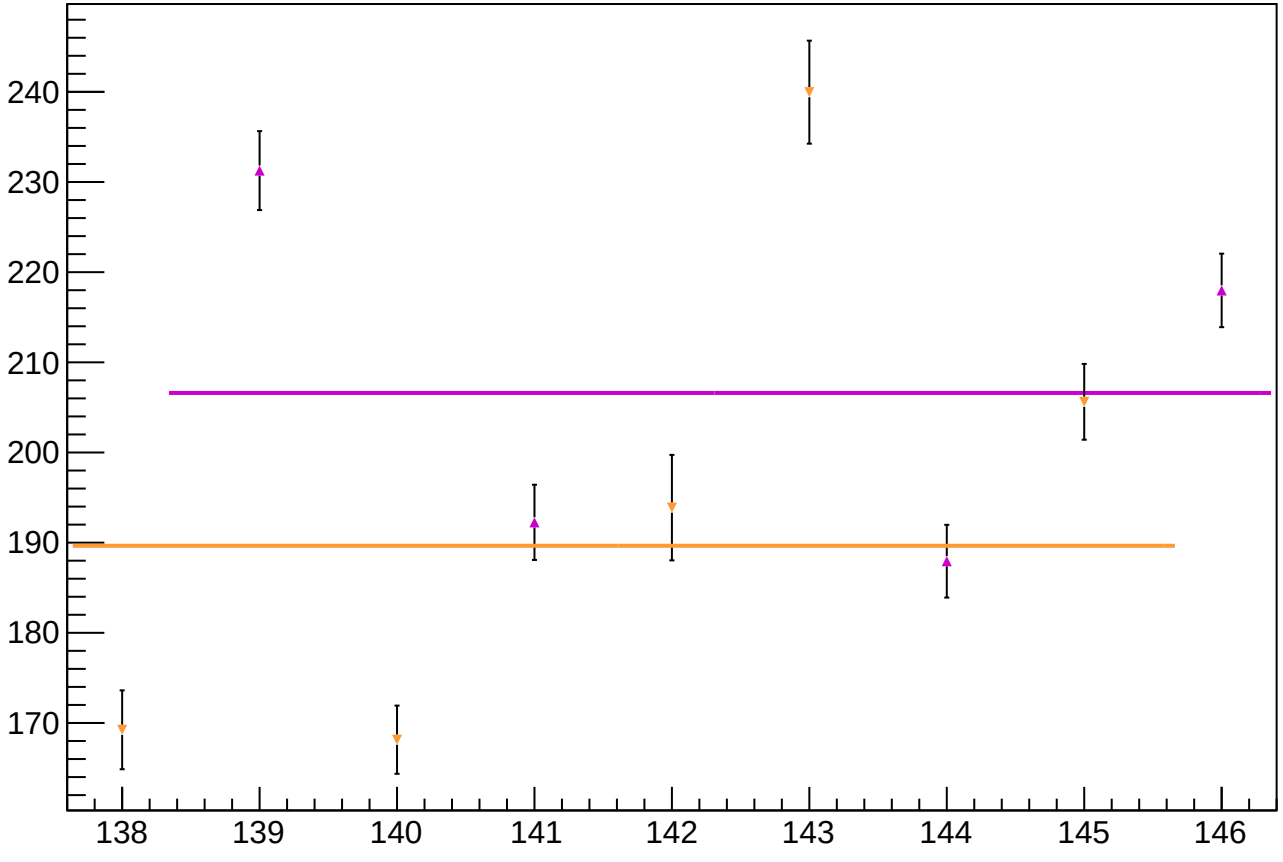
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -83.467+/-0.059 χ^2/NDF:1883959.4/20

Out: -88.167+/-0.060 χ^2/NDF:1665879.8/23

All: -85.793+/-0.042 χ^2/NDF: 3552937.3/44

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: 189.654+/-2.047 χ^2/NDF:146.6/4

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

Left In: 206.604+/-2.080 χ^2/NDF:72.7/3

Left: 197.996+/-1.459 χ^2/NDF: 253.1/8

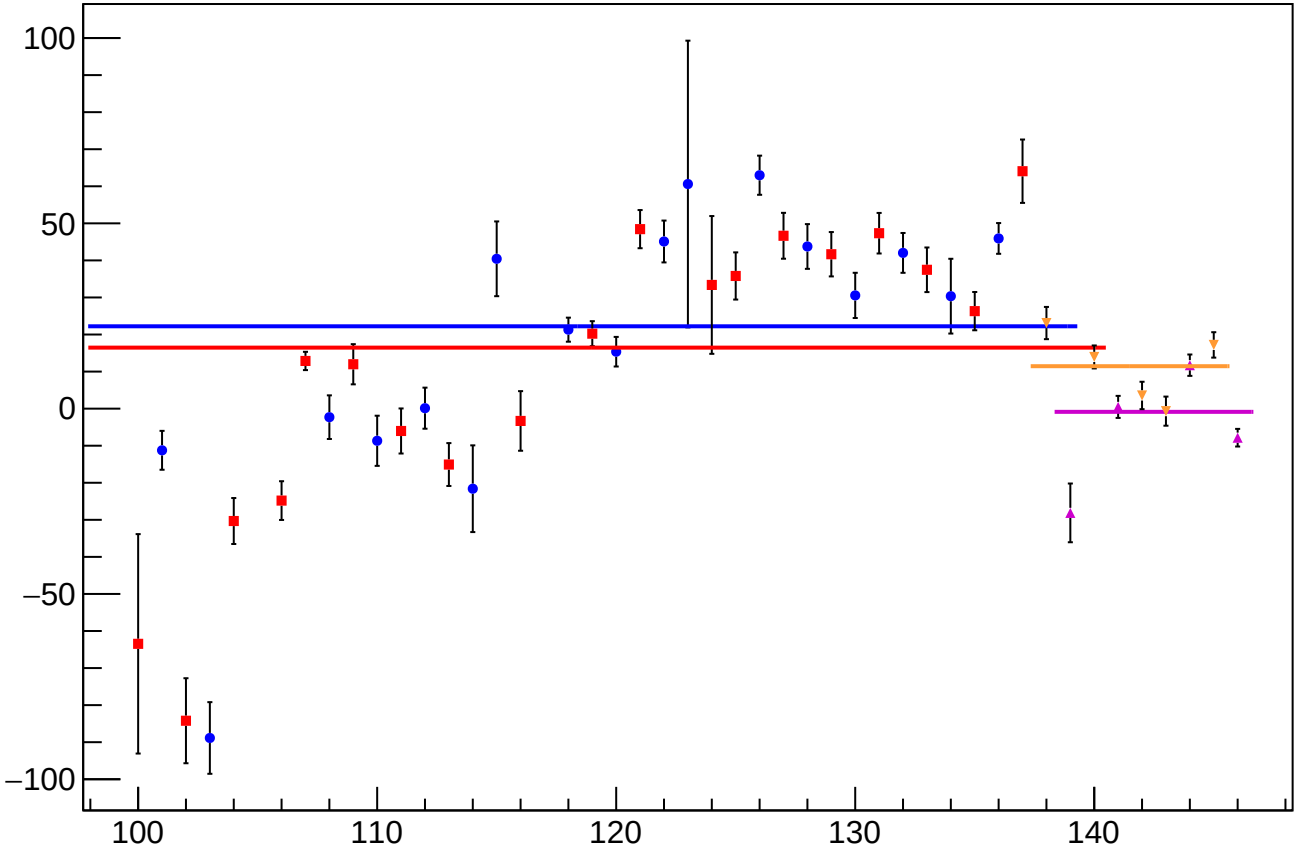
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 206.604+/-2.080 χ^2/NDF:72.7/3

Out: 189.654+/-2.047 χ^2/NDF:146.6/4

All: 197.996+/-1.459 χ^2/NDF: 253.1/8

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: 11.452+/-1.622 χ^2/NDF:24.7/4

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: -0.863+/-1.532 χ^2/NDF:39.7/3

Left: 4.943+/-1.114 χ^2/NDF: 94.9/8

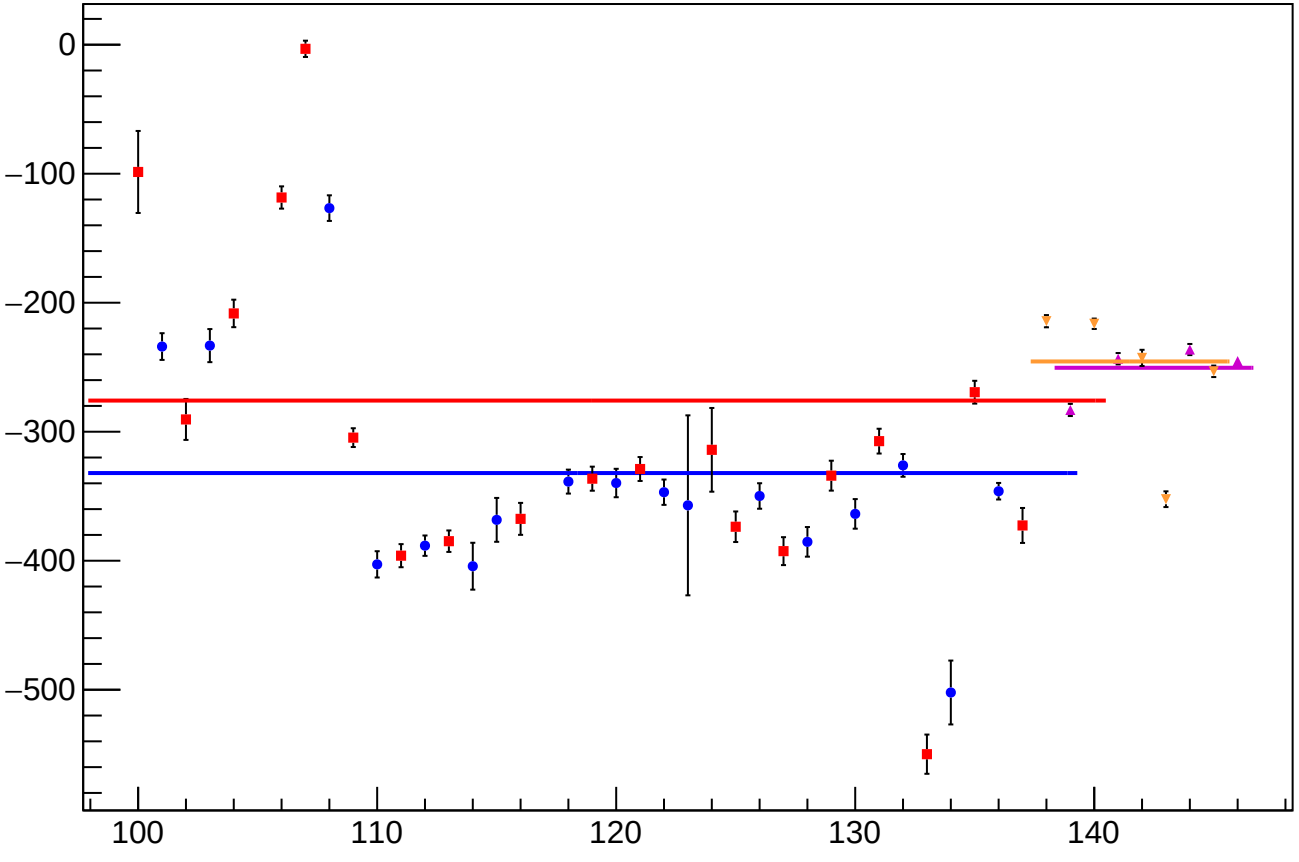
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 11.933+/-1.023 χ^2/NDF:551.2/20

Out: 14.636+/-0.980 χ^2/NDF:456.7/23

All: 13.343+/-0.708 χ^2/NDF: 1011.5/44

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: -245.534+/-2.188 χ^2/NDF:405.8/4

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -250.441+/-2.157 χ^2/NDF:62.6/3

Left: -248.022+/-1.536 χ^2/NDF: 470.9/8

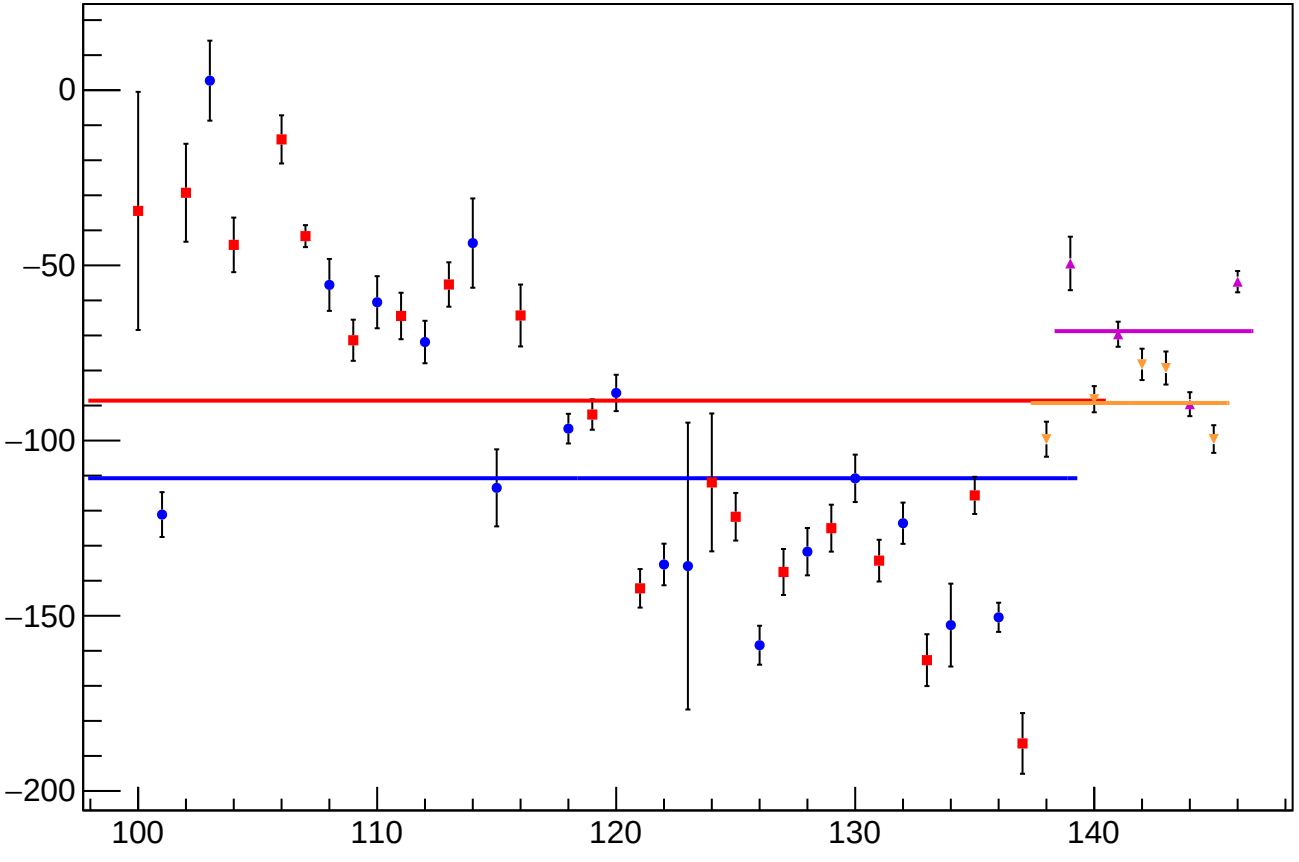
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -284.291+/-1.650 χ^2/NDF:1441.0/20

Out: -259.777+/-1.593 χ^2/NDF:3858.9/23

All: -271.604+/-1.146 χ^2/NDF: 5414.2/44

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: -89.273+/-1.922 χ^2/NDF:21.7/4

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -68.765+/-1.860 χ^2/NDF:65.3/3

Left: -78.683+/-1.337 χ^2/NDF: 145.7/8

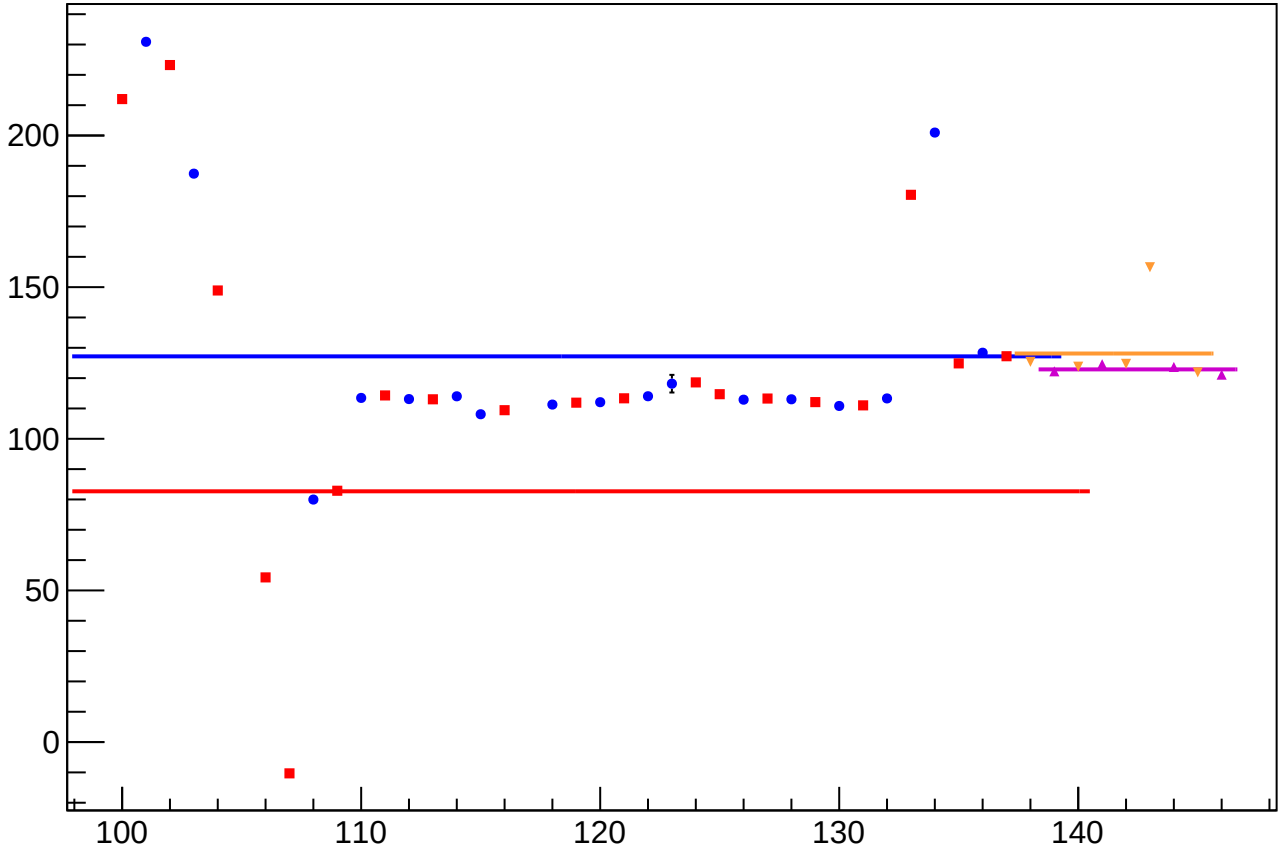
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -93.183+/-1.203 χ^2/NDF:874.9/20

Out: -88.841+/-1.150 χ^2/NDF:991.5/23

All: -90.913+/-0.831 χ^2/NDF: 1873.2/44

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: 128.119+/-0.089 χ^2/NDF:15762.0/4

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 122.883+/-0.089 χ^2/NDF:215.8/3

Left: 125.502+/-0.063 χ^2/NDF: 17700.3/8

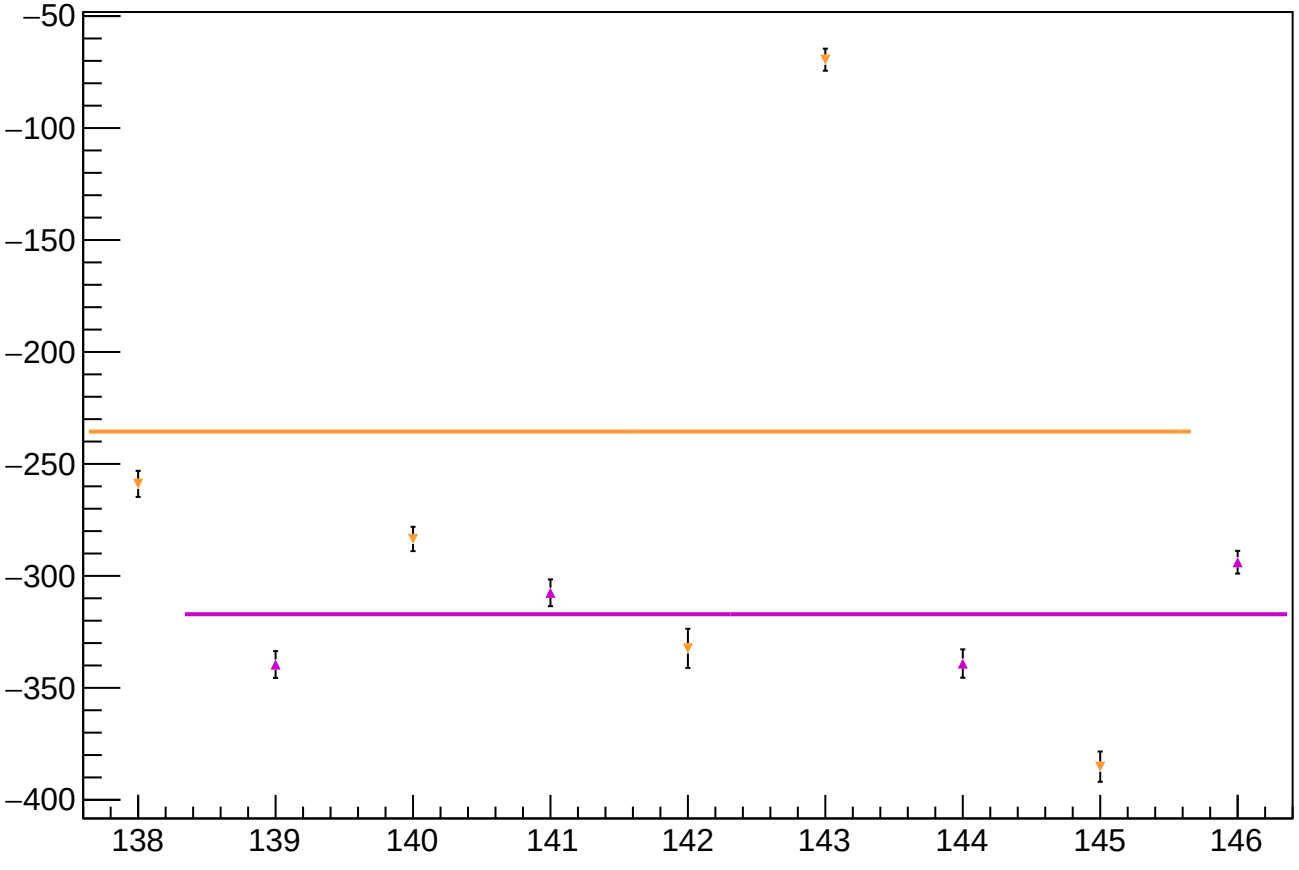
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 125.036+/-0.063 χ^2/NDF:189428.4/20

Out: 101.589+/-0.058 χ^2/NDF:932968.1/23

All: 112.250+/-0.042 χ^2/NDF: 1197895.9/44

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: -235.541+/-2.677 χ^2/NDF:1843.7/4

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

Left In: -317.124+/-2.891 χ^2/NDF:49.7/3

Left: -273.197+/-1.964 χ^2/NDF: 2322.1/8

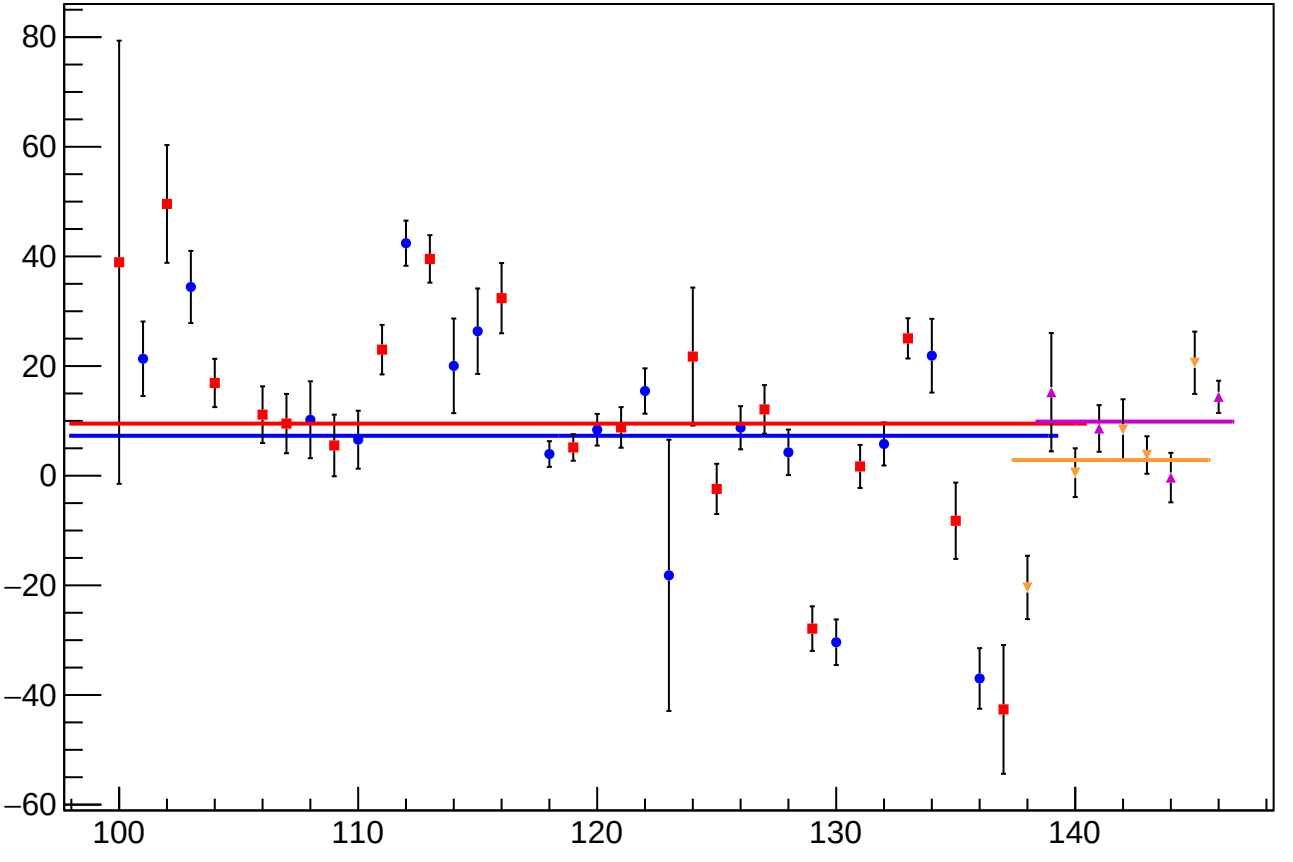
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -317.124+/-2.891 χ^2/NDF:49.7/3

Out: -235.541+/-2.677 χ^2/NDF:1843.7/4

All: -273.197+/-1.964 χ^2/NDF: 2322.1/8

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: 2.850+/-2.087 χ^2/NDF:27.3/4

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 9.870+/-2.090 χ^2/NDF:7.8/3

Left: 6.356+/-1.477 χ^2/NDF: 40.7/8

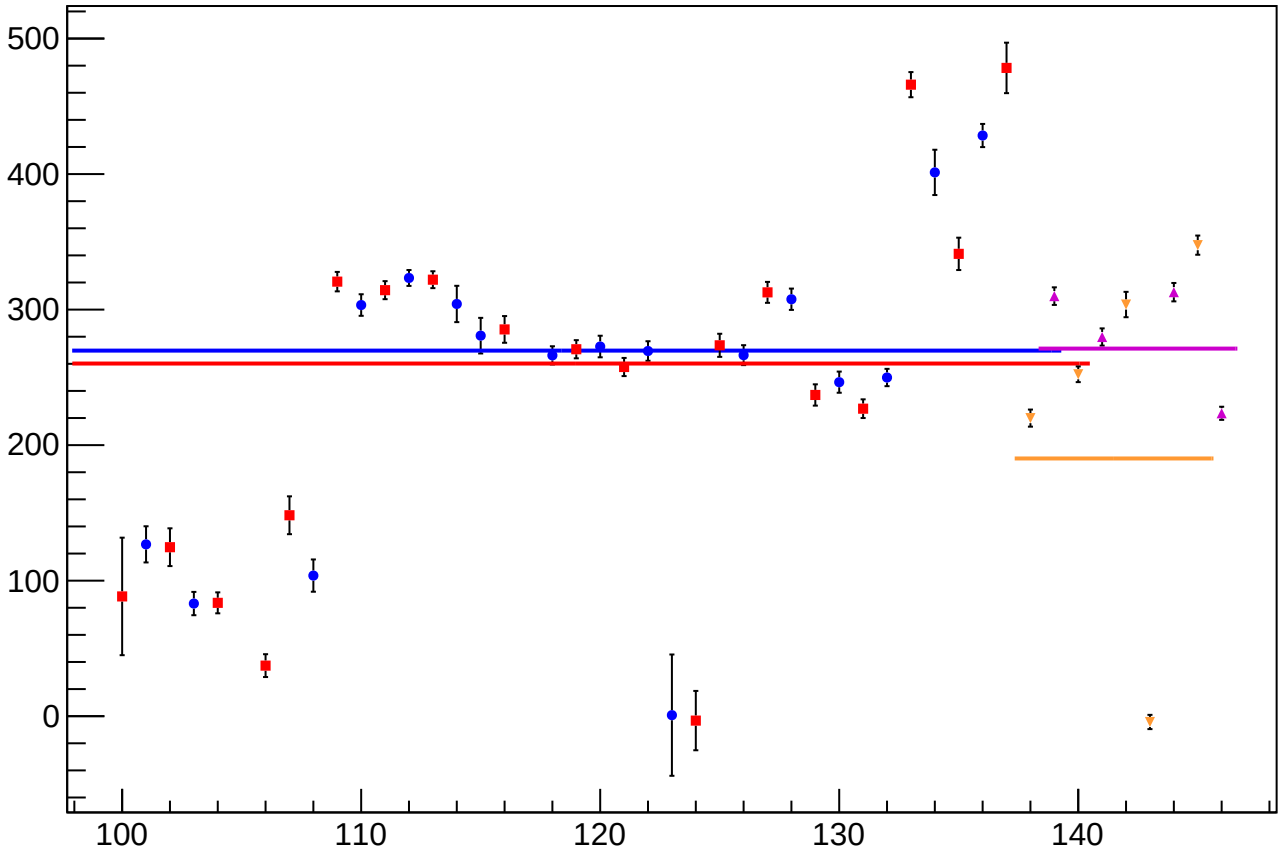
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 7.832+/-0.962 χ^2/NDF:270.1/20

Out: 8.111+/-0.955 χ^2/NDF:266.8/23

All: 7.972+/-0.678 χ^2/NDF: 536.9/44

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: 190.156+/-2.857 χ^2/NDF:2147.4/4

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 271.228+/-2.976 χ^2/NDF:172.2/3

Left: 229.034+/-2.061 χ^2/NDF: 2705.8/8

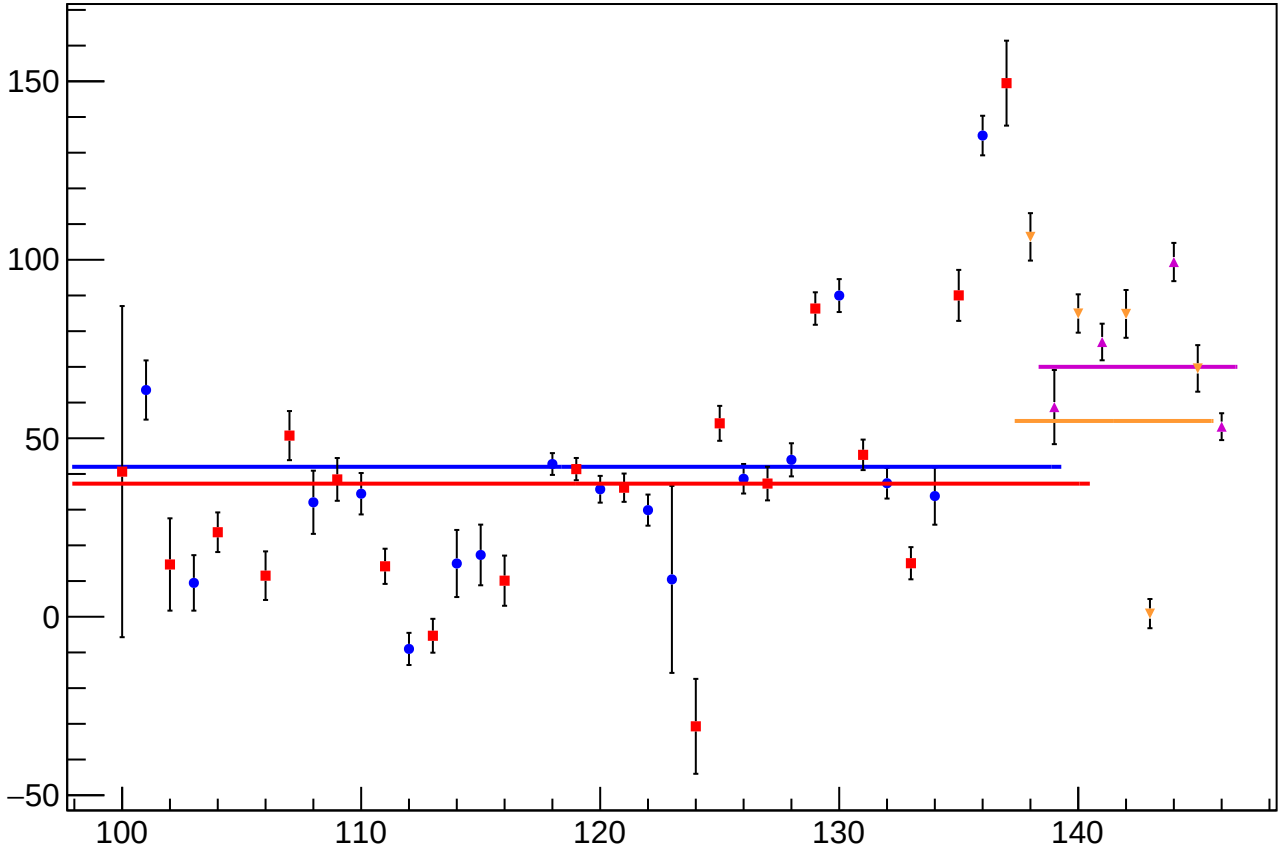
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 270.231+/-1.700 χ^2/NDF:1546.5/20

Out: 237.509+/-1.626 χ^2/NDF:5095.4/23

All: 253.142+/-1.175 χ^2/NDF: 6835.3/44

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: 54.848+/-2.478 χ^2/NDF:290.9/4

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 70.010+/-2.558 χ^2/NDF:52.9/3

Left: 62.189+/-1.780 χ^2/NDF: 361.9/8

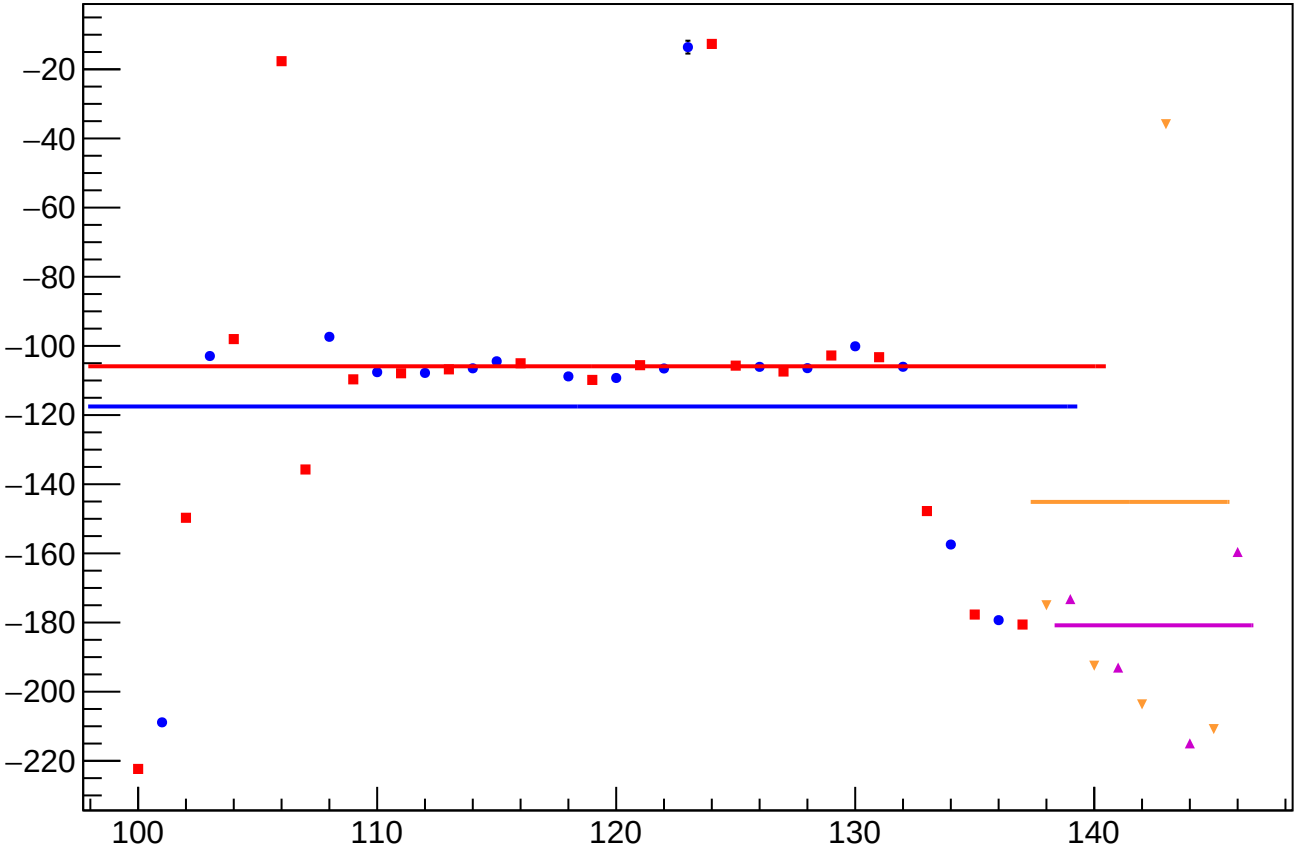
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 47.443+/-1.127 χ^2/NDF:725.1/20

Out: 40.788+/-1.107 χ^2/NDF:803.7/23

All: 44.055+/-0.790 χ^2/NDF: 1546.5/44

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: -145.113+/-0.116 χ^2/NDF:398156.7/4

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -180.805+/-0.123 χ^2/NDF:25596.3/3

Left: -161.899+/-0.085 χ^2/NDF: 468074.7/8

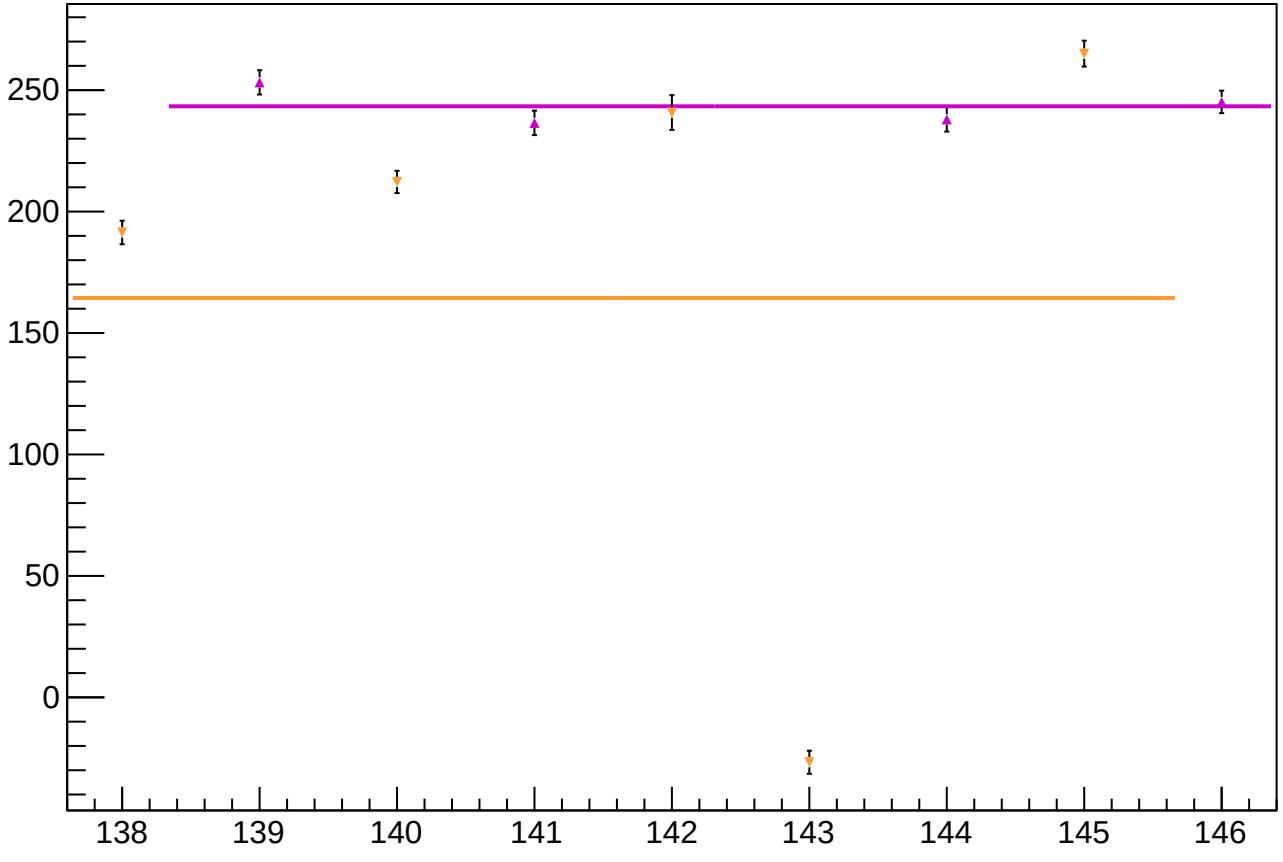
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -135.586+/-0.066 χ^2/NDF:355585.3/20

Out: -116.938+/-0.062 χ^2/NDF:804207.4/23

All: -125.645+/-0.045 χ^2/NDF: 1202439.8/44

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: 164.411+/-2.299 χ^2/NDF:2225.1/4

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

Left In: 243.338+/-2.462 χ^2/NDF:7.0/3

Left: 201.176+/-1.680 χ^2/NDF: 2781.3/8

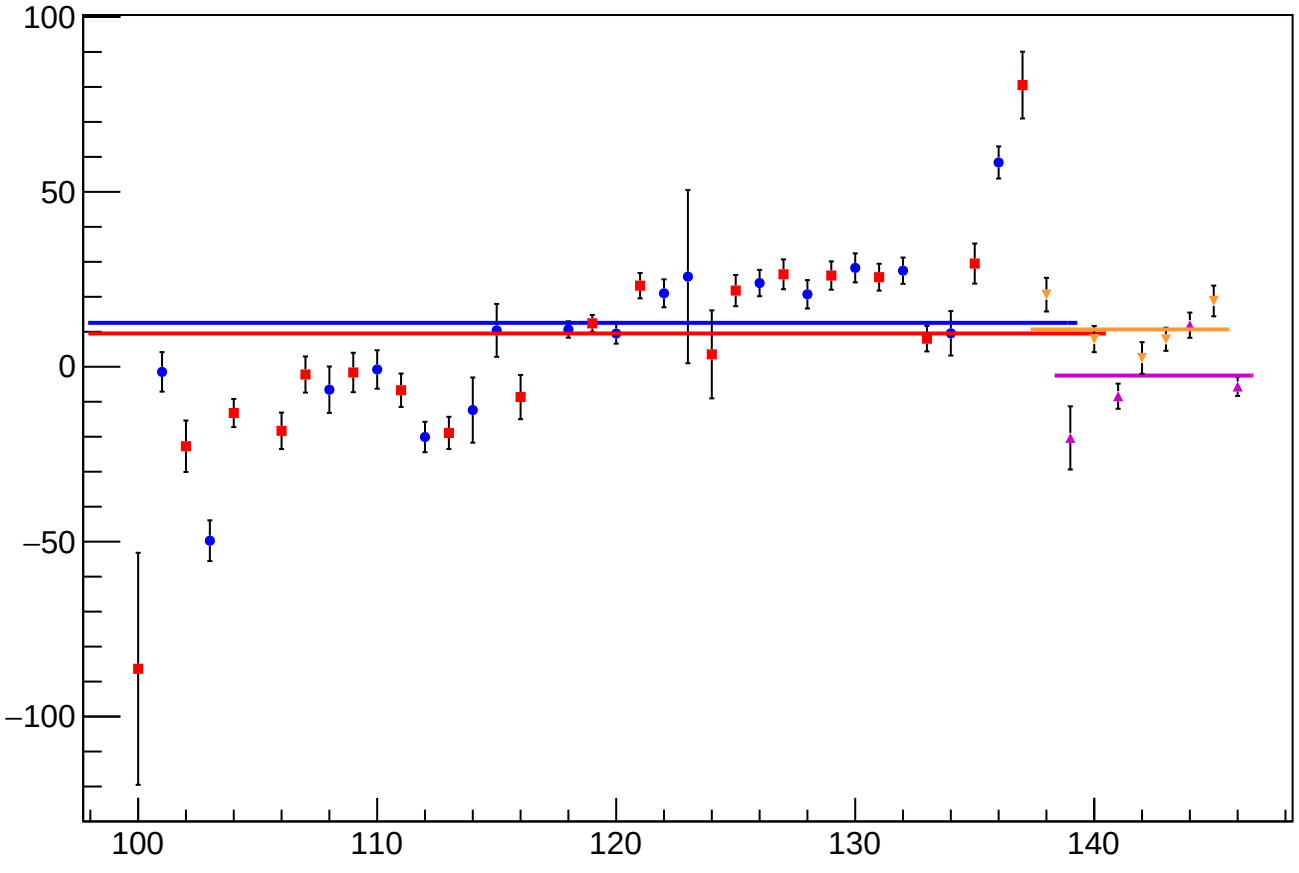
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 243.338+/-2.462 χ^2/NDF:7.0/3

Out: 164.411+/-2.299 χ^2/NDF:2225.1/4

All: 201.176+/-1.680 χ^2/NDF: 2781.3/8

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: 10.677+/-1.806 χ^2/NDF:12.2/4

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: -2.514+/-1.814 χ^2/NDF:23.9/3

Left: 4.109+/-1.280 χ^2/NDF: 62.7/8

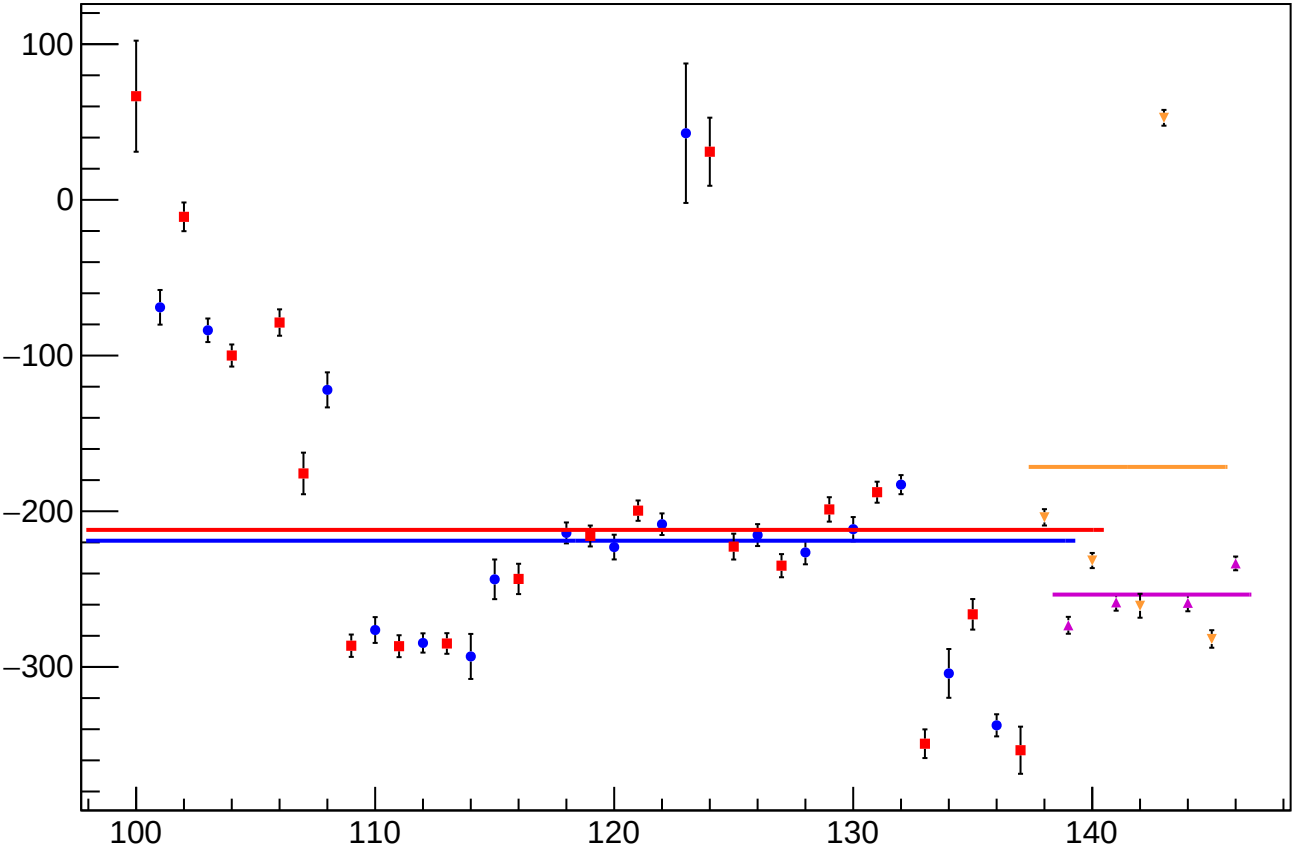
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 8.747+/-0.912 χ^2/NDF:423.2/20

Out: 9.812+/-0.908 χ^2/NDF:308.8/23

All: 9.282+/-0.644 χ^2/NDF: 732.7/44

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: -171.523+/-2.456 χ^2/NDF:2661.9/4

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -253.521+/-2.547 χ^2/NDF:35.6/3

Left: -211.032+/-1.768 χ^2/NDF: 3234.4/8

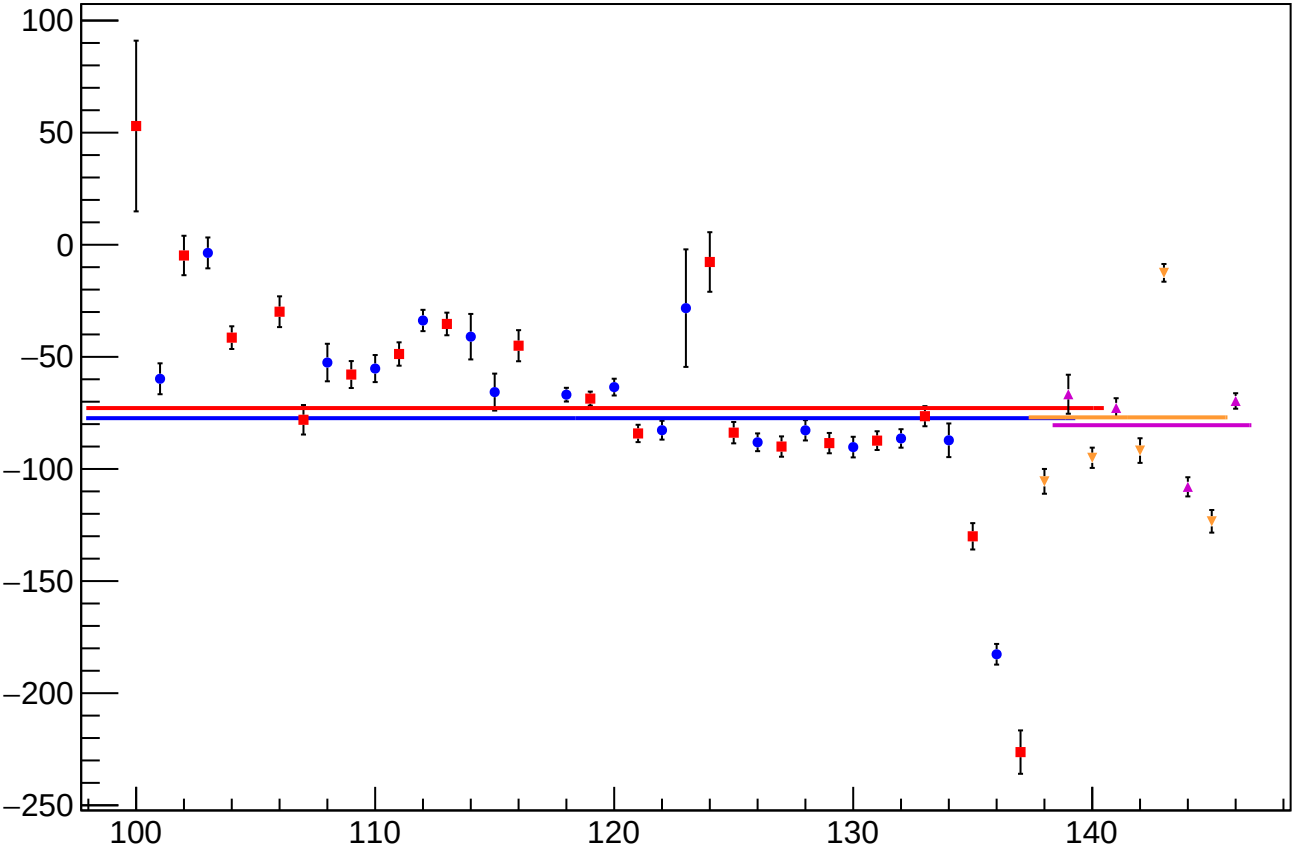
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -232.167+/-1.576 χ^2/NDF:1296.1/20

Out: -196.585+/-1.515 χ^2/NDF:4716.1/23

All: -213.673+/-1.092 χ^2/NDF: 6277.1/44

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -76.982+/-2.141 χ^2/NDF:400.2/4

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -80.479+/-2.207 χ^2/NDF:56.8/3

Left: -78.678+/-1.537 χ^2/NDF: 458.3/8

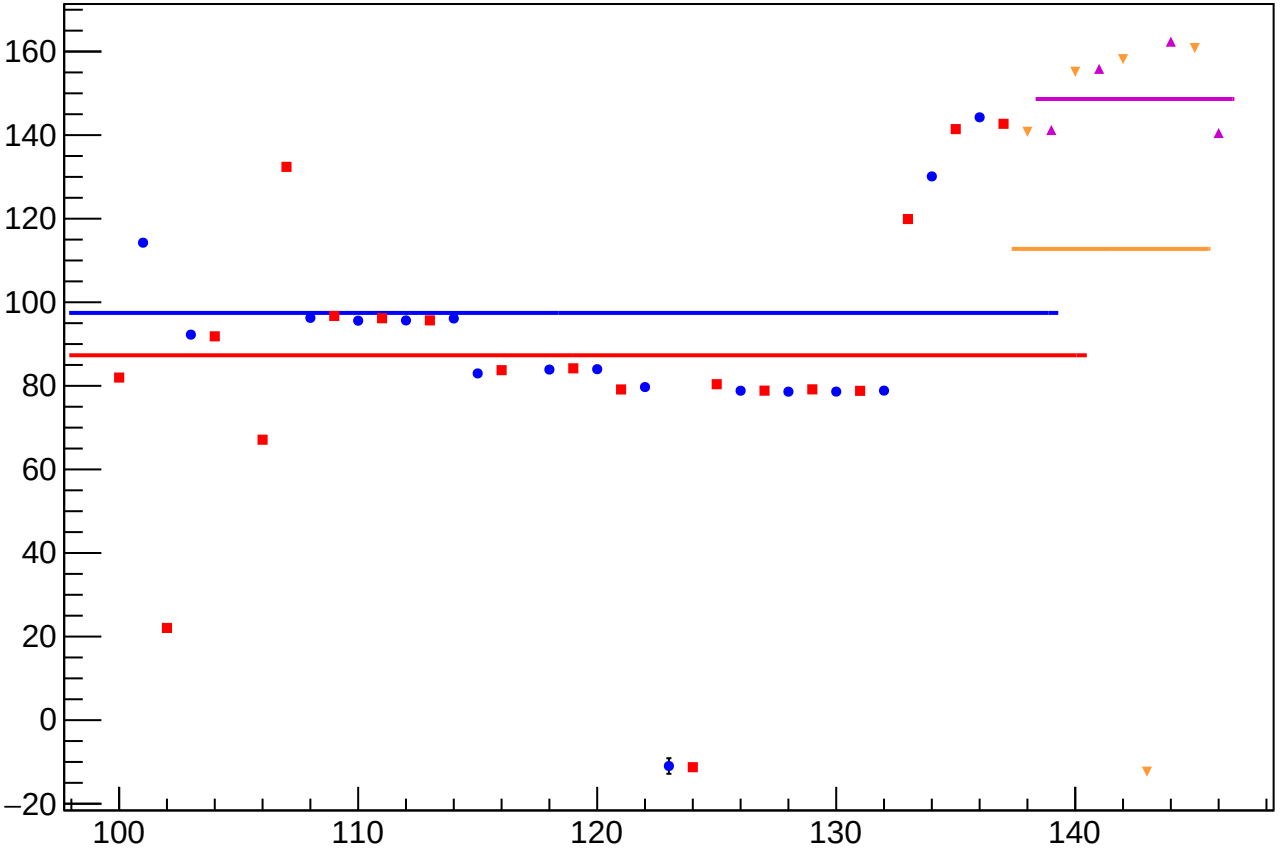
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -78.076+/-1.067 χ^2/NDF:875.6/20

Out: -73.837+/-1.052 χ^2/NDF:1075.9/23

All: -75.927+/-0.749 χ^2/NDF: 1959.5/44

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: 112.775+/-0.100 χ^2/NDF:505809.8/4

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 148.647+/-0.105 χ^2/NDF:7569.7/3

Left: 129.802+/-0.072 χ^2/NDF: 574551.0/8

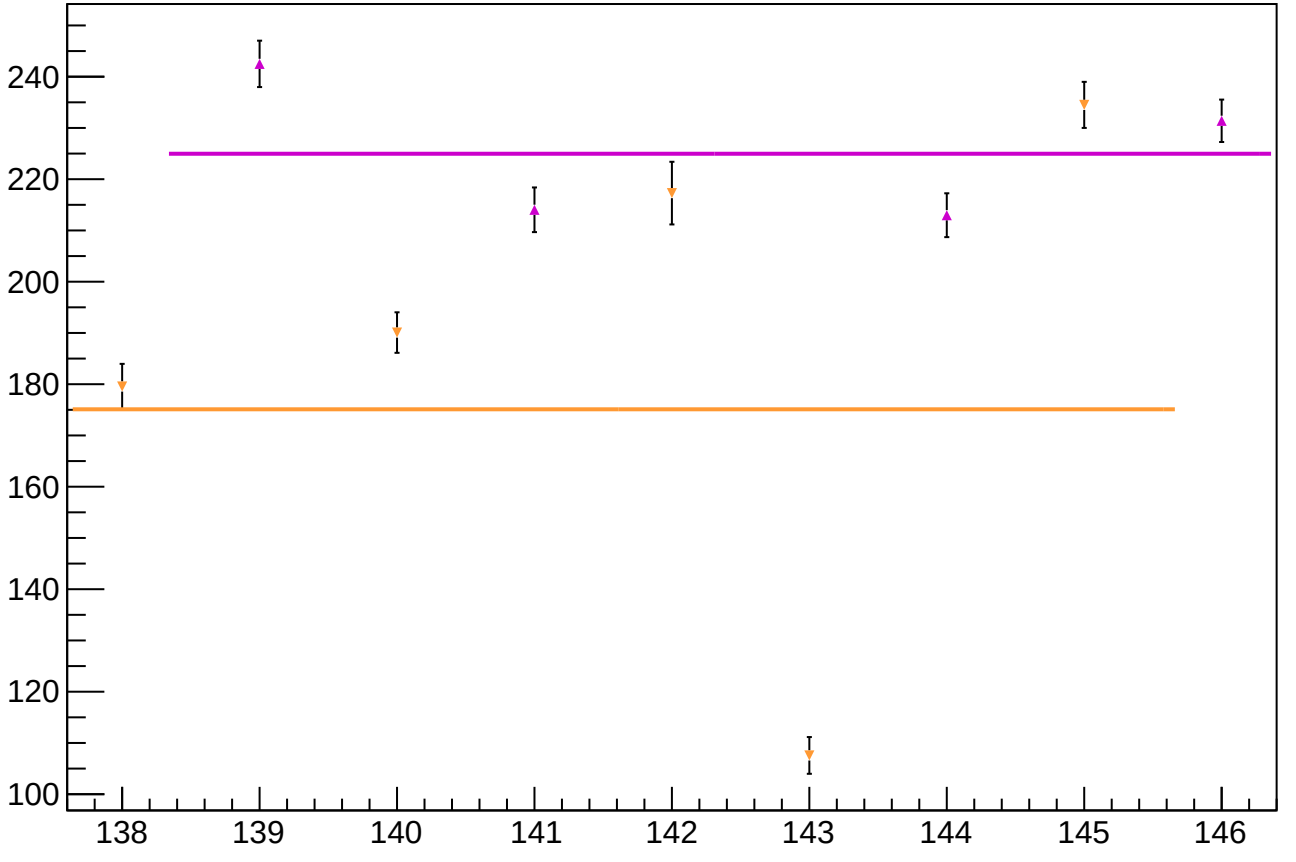
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 114.189+/-0.060 χ^2/NDF:261680.0/20

Out: 95.413+/-0.056 χ^2/NDF:771920.8/23

All: 104.196+/-0.041 χ^2/NDF: 1085535.0/44

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: 175.103+/-1.927 χ^2/NDF:592.5/4

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

Left In: 224.966+/-2.159 χ^2/NDF:31.6/3

Left: 197.212+/-1.438 χ^2/NDF: 921.0/8

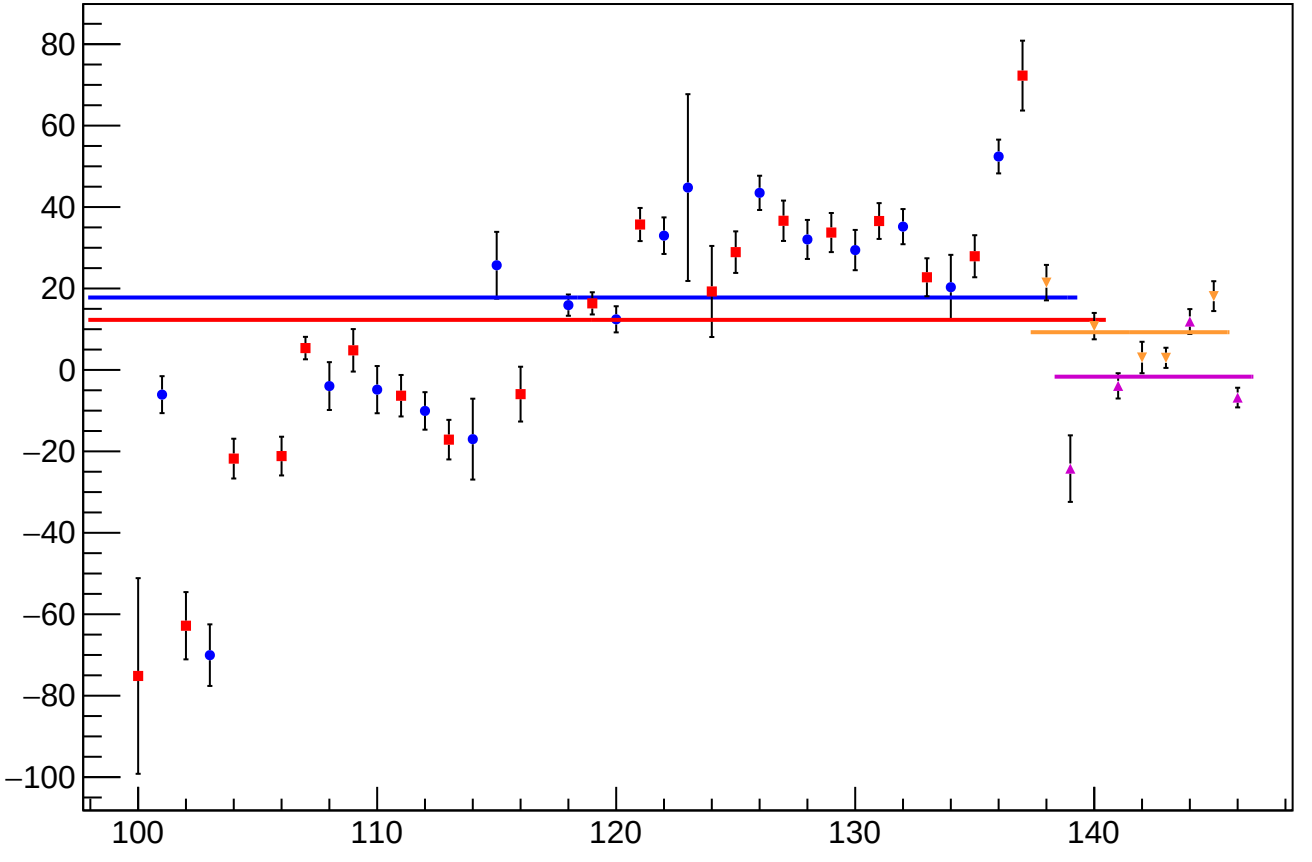
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 224.966+/-2.159 χ^2/NDF:31.6/3

Out: 175.103+/-1.927 χ^2/NDF:592.5/4

All: 197.212+/-1.438 χ^2/NDF: 921.0/8

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: 9.264+/-1.486 χ^2/NDF:22.9/4

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: -1.656+/-1.585 χ^2/NDF:32.4/3

Left: 4.156+/-1.084 χ^2/NDF: 80.5/8

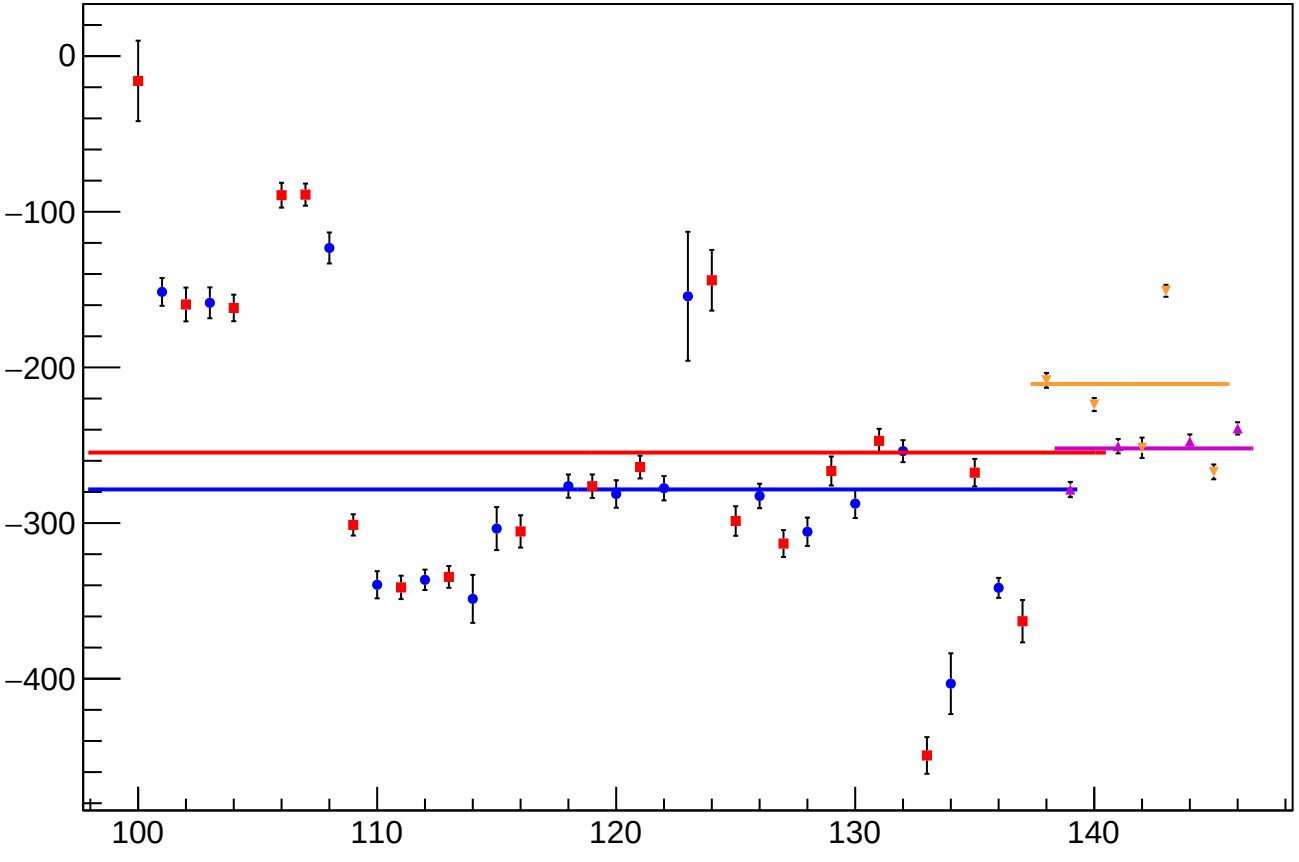
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 11.111+/-0.929 χ^2/NDF:526.2/20

Out: 11.239+/-0.877 χ^2/NDF:469.4/23

All: 11.179+/-0.638 χ^2/NDF: 995.6/44

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: -210.662+/-2.059 χ^2/NDF:434.9/4

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -252.035+/-2.236 χ^2/NDF:40.7/3

Left: -229.643+/-1.515 χ^2/NDF: 660.8/8

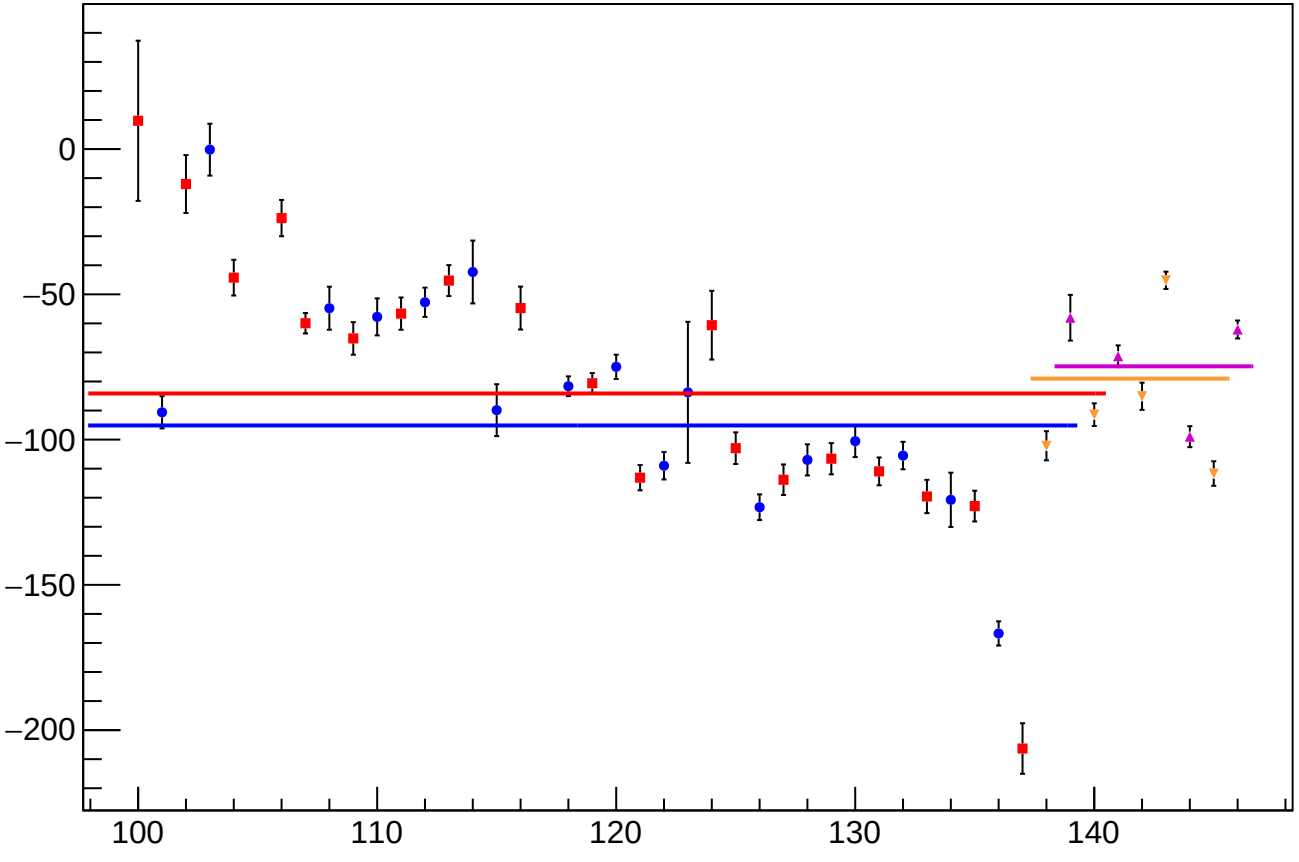
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -265.626+/-1.557 χ^2/NDF:1022.9/20

Out: -233.104+/-1.442 χ^2/NDF:2706.5/23

All: -248.125+/-1.058 χ^2/NDF: 3964.3/44

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: -79.012+/-1.766 χ^2/NDF:222.9/4

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -74.778+/-1.928 χ^2/NDF:67.0/3

Left: -77.080+/-1.302 χ^2/NDF: 292.6/8

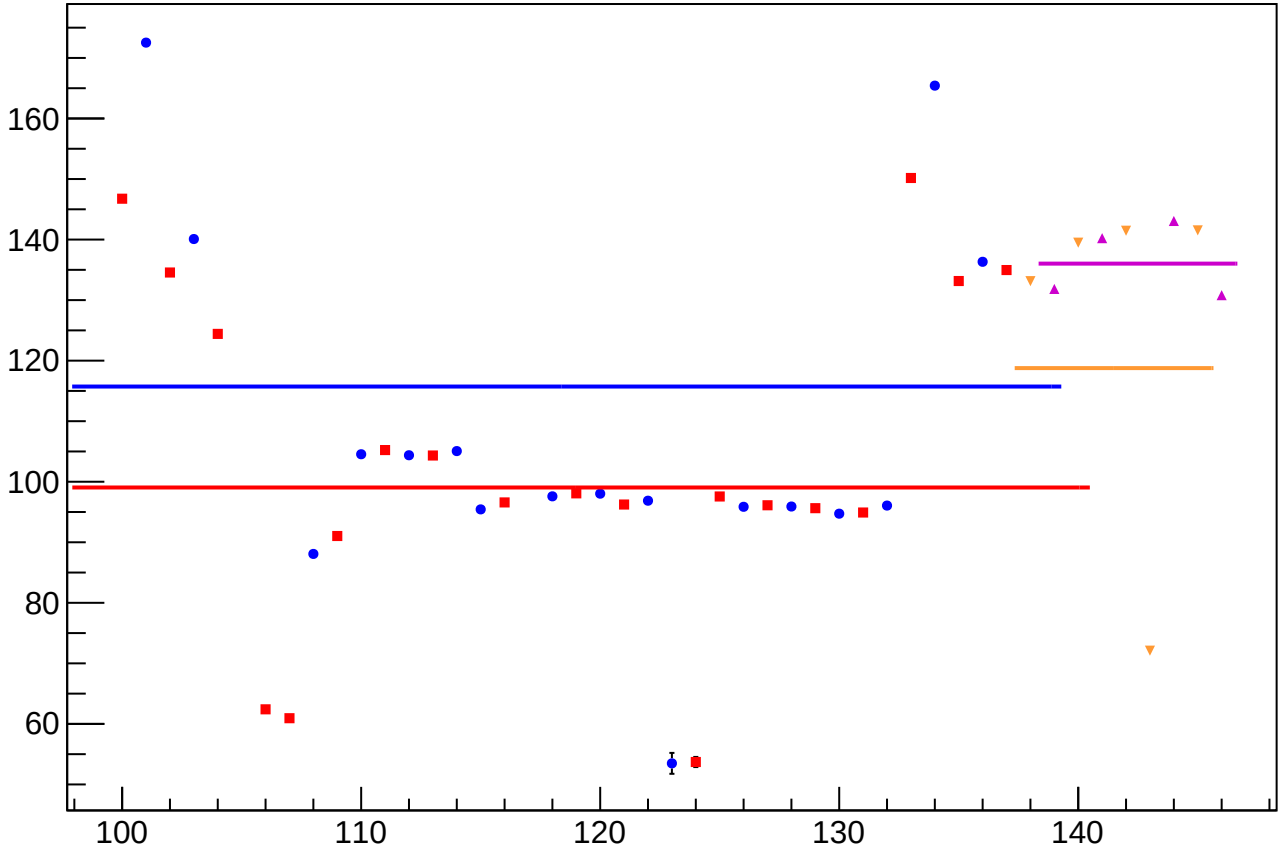
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -88.621+/-1.091 χ^2/NDF:817.8/20

Out: -82.402+/-1.025 χ^2/NDF:1011.3/23

All: -85.319+/-0.747 χ^2/NDF: 1846.4/44

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: 118.769+/-0.084 χ^2/NDF:133133.3/4

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 136.027+/-0.093 χ^2/NDF:3144.2/3

Left: 126.542+/-0.062 χ^2/NDF: 155399.4/8

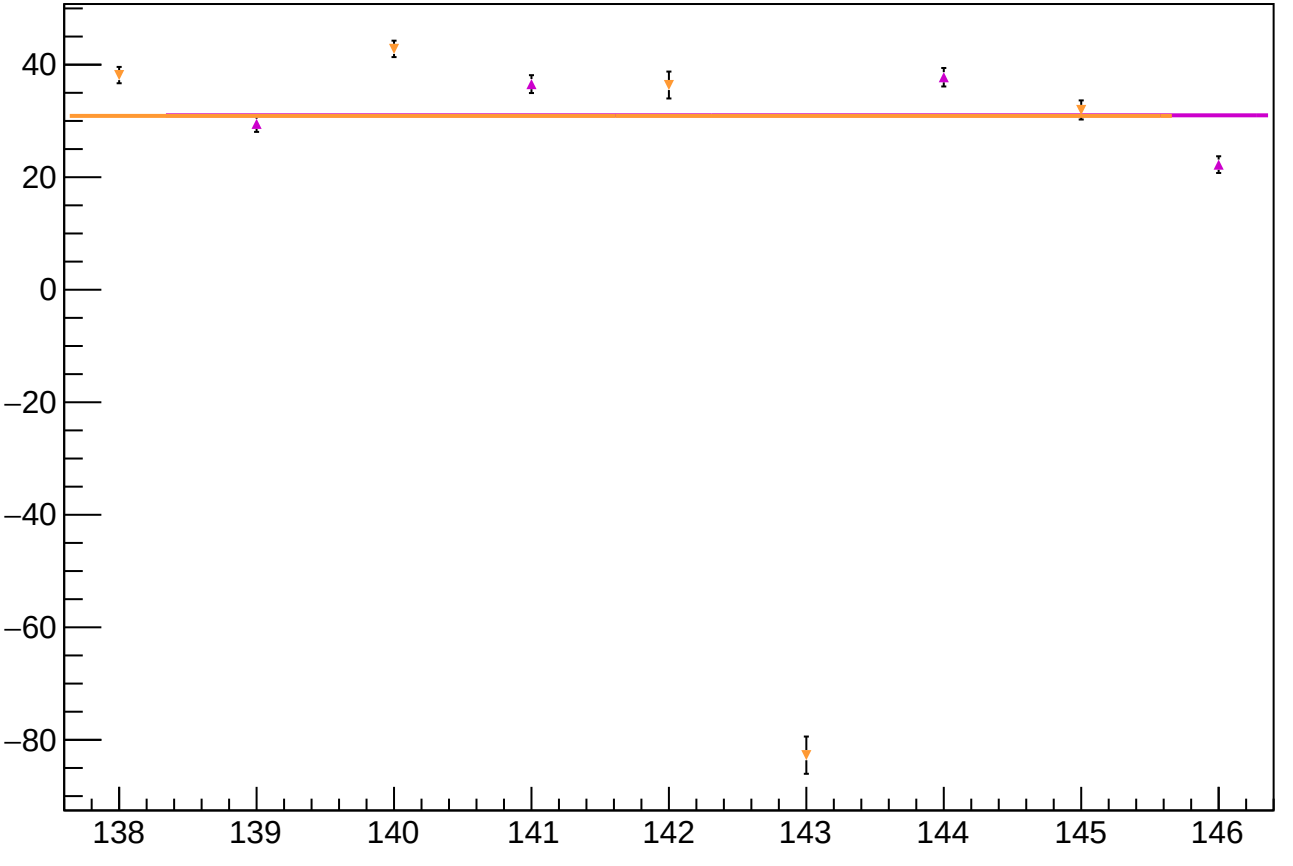
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 124.156+/-0.060 χ^2/NDF:137687.6/20

Out: 106.954+/-0.053 χ^2/NDF:339814.3/23

All: 114.550+/-0.040 χ^2/NDF: 523979.0/44

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: 30.897+/-0.801 χ^2/NDF:1275.2/4

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

Left In: 31.000+/-0.765 χ^2/NDF:65.1/3

Left: 30.951+/-0.553 χ^2/NDF: 1340.3/8

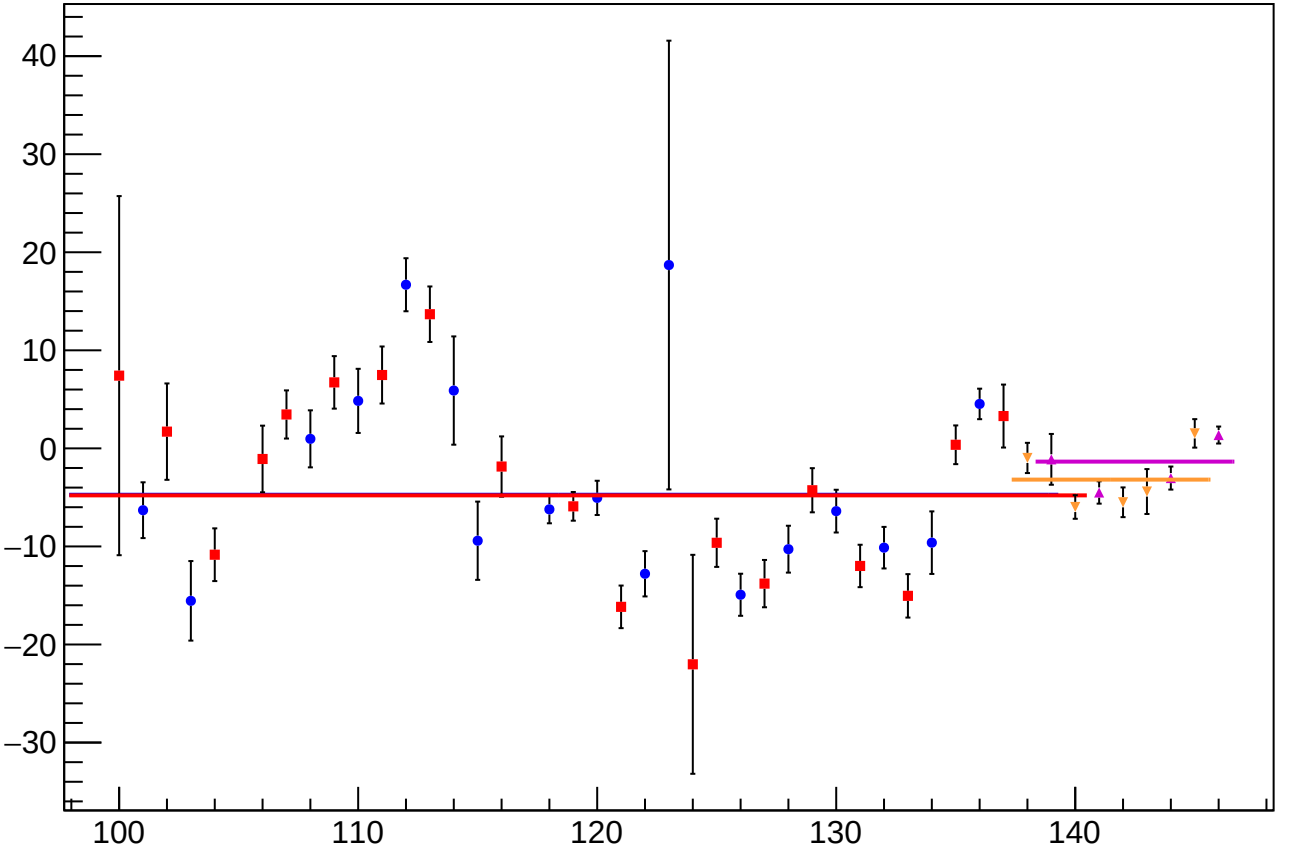
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 31.000+/-0.765 χ^2/NDF:65.1/3

Out: 30.897+/-0.801 χ^2/NDF:1275.2/4

All: 30.951+/-0.553 χ^2/NDF: 1340.3/8

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: -3.185+/-0.673 χ^2/NDF:20.6/4

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -1.351+/-0.579 χ^2/NDF:19.5/3

Left: -2.132+/-0.439 χ^2/NDF: 44.3/8

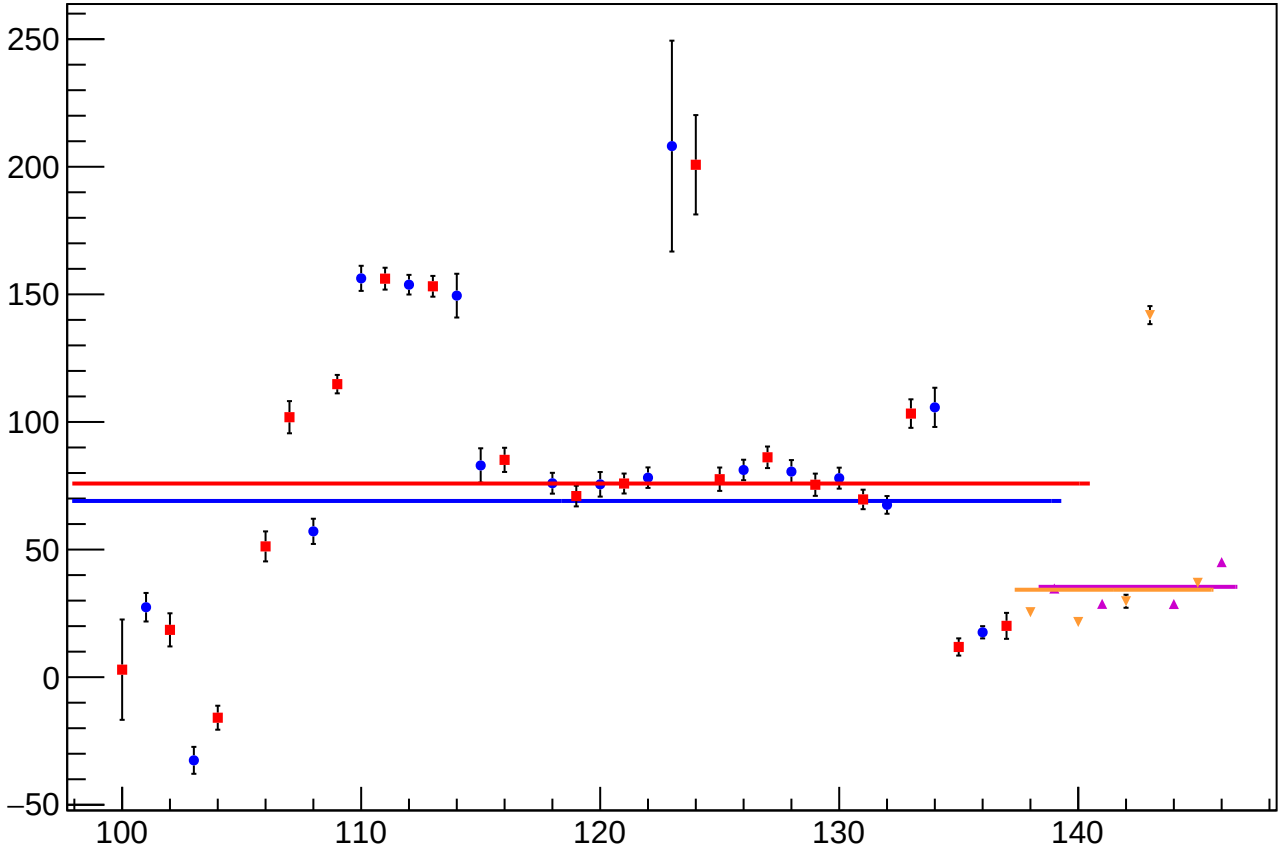
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -3.040+/-0.410 χ^2/NDF:211.3/20

Out: -4.100+/-0.442 χ^2/NDF:217.3/23

All: -3.530+/-0.300 χ^2/NDF: 431.7/44

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: 34.265+/-0.855 χ^2/NDF:1030.0/4

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 35.401+/-0.794 χ^2/NDF:76.8/3

Left: 34.875+/-0.582 χ^2/NDF: 1107.8/8

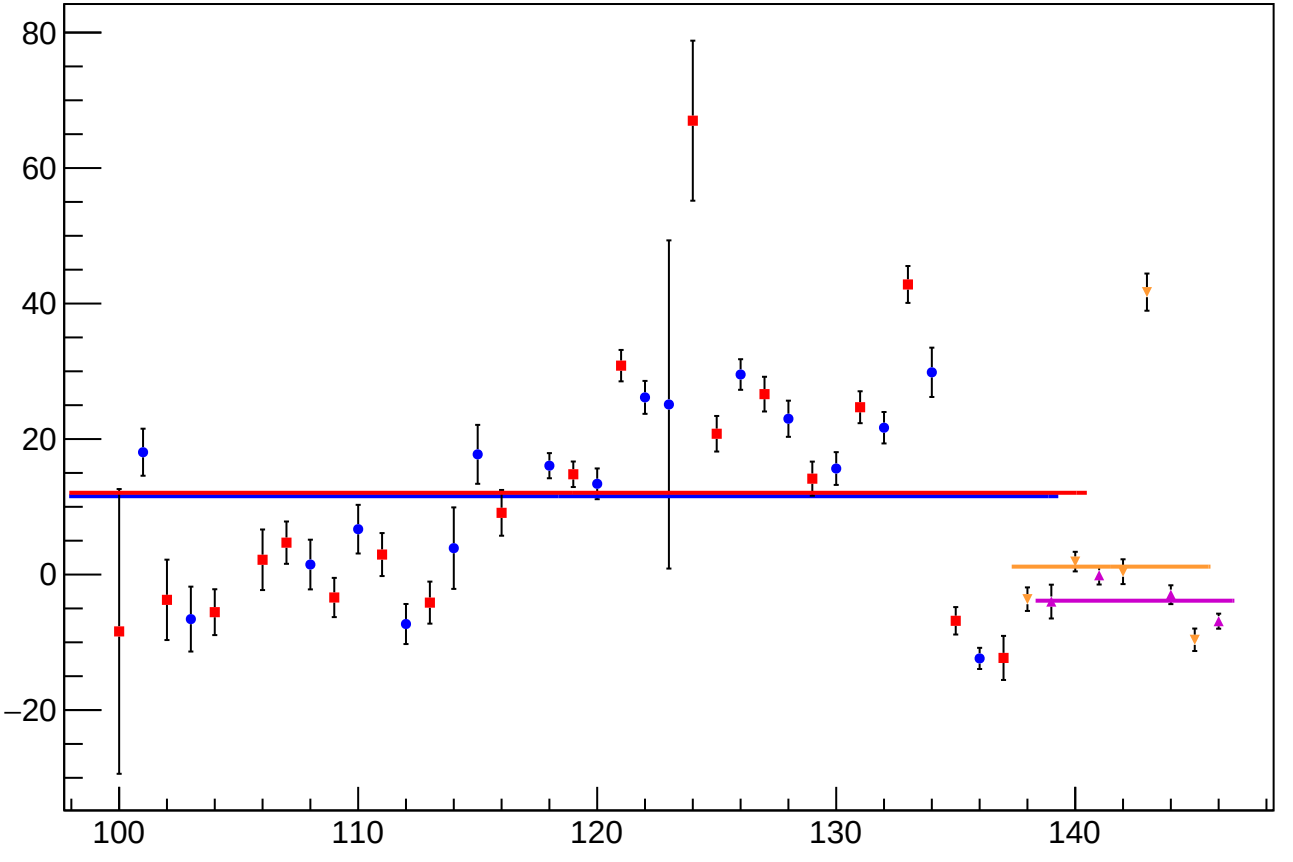
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 47.253+/-0.639 χ^2/NDF:2557.3/20

Out: 50.487+/-0.668 χ^2/NDF:3848.8/23

All: 48.799+/-0.462 χ^2/NDF: 6418.3/44

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: 1.170+/-0.789 χ^2/NDF:268.7/4

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -3.857+/-0.702 χ^2/NDF:15.4/3

Left: -1.636+/-0.525 χ^2/NDF: 306.7/8

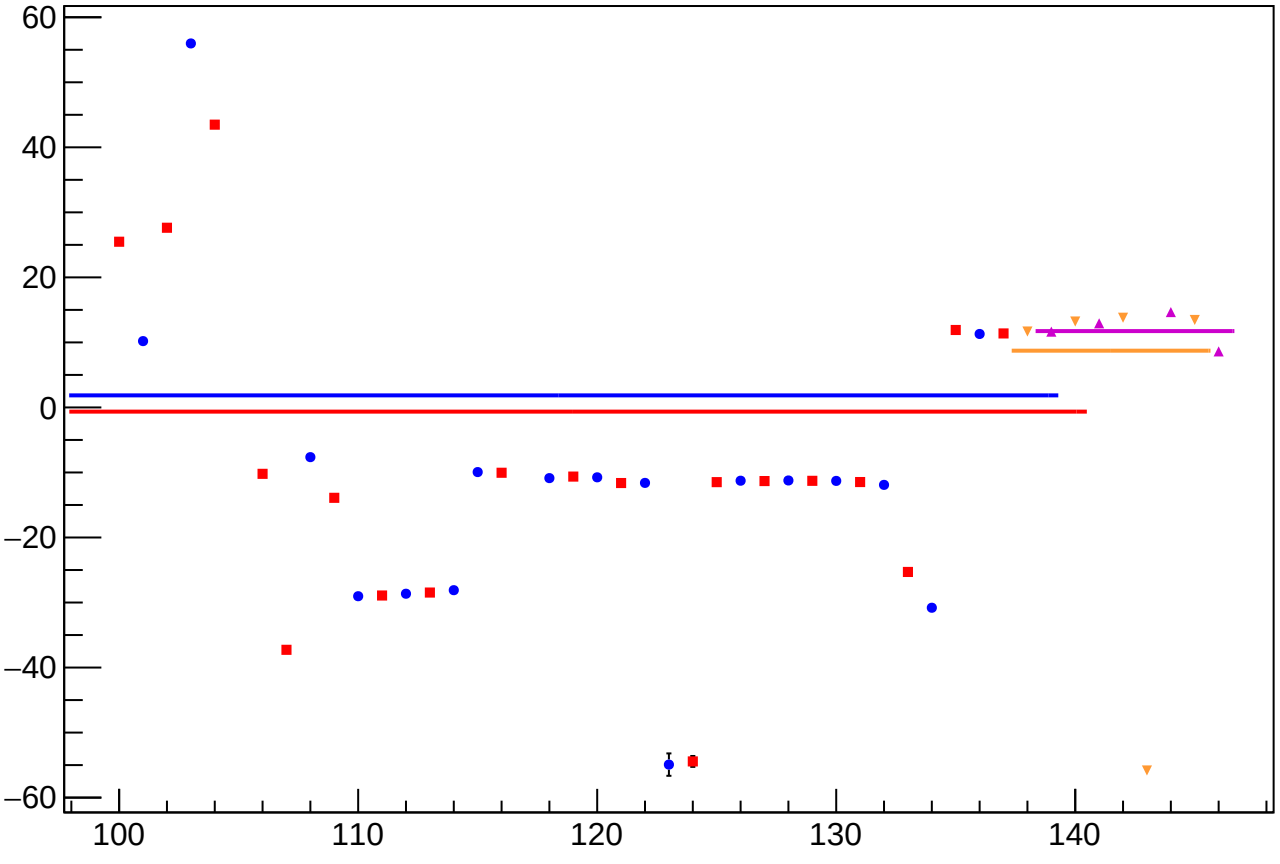
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: 4.355+/-0.480 χ^2/NDF:750.3/20

Out: 7.550+/-0.508 χ^2/NDF:923.6/23

All: 5.862+/-0.349 χ^2/NDF: 1694.7/44

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: 8.728+/-0.035 χ^2/NDF:221684.5/4

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 11.740+/-0.032 χ^2/NDF:4030.0/3

Left: 10.332+/-0.024 χ^2/NDF: 229755.7/8

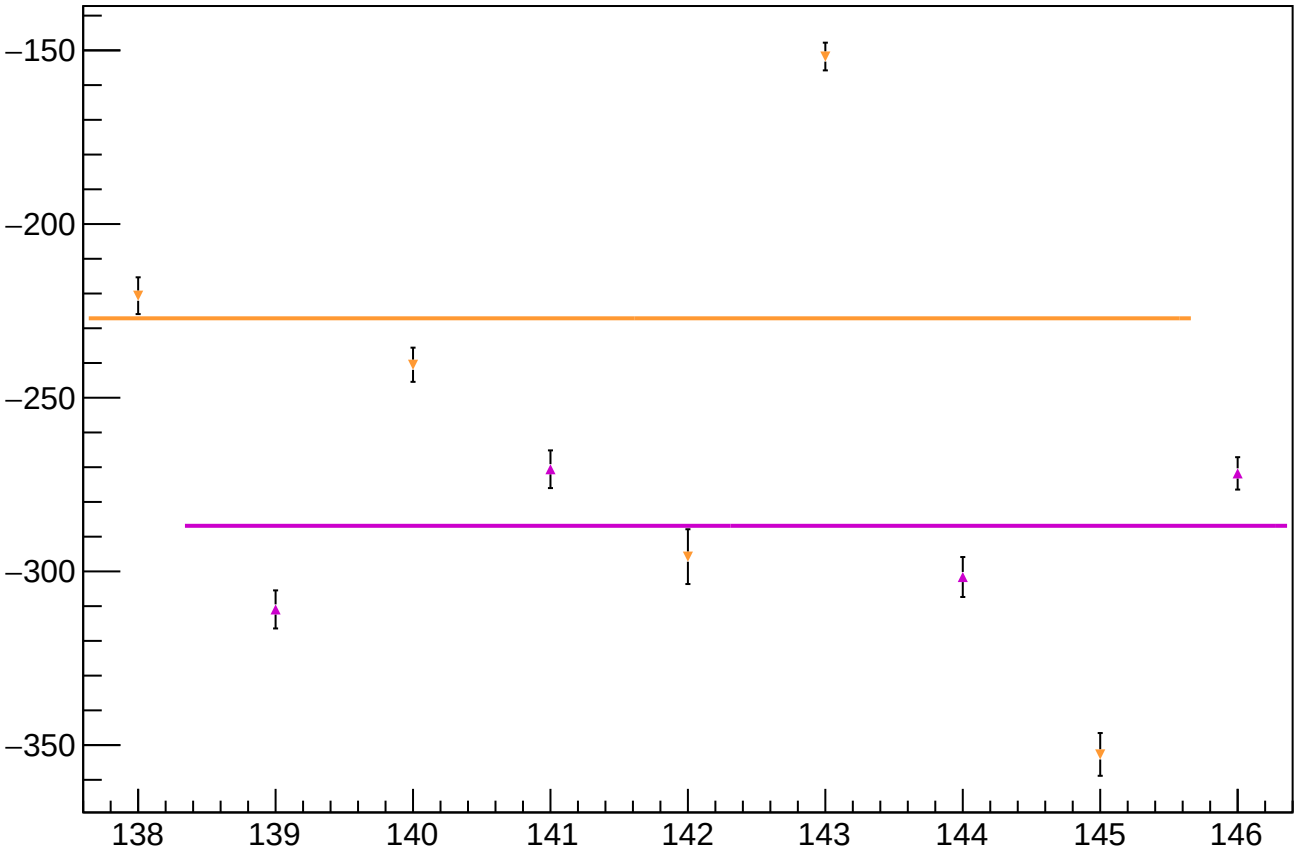
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.449+/-0.024 χ^2/NDF:403841.6/20

Out: 4.364+/-0.025 χ^2/NDF:617501.5/23

All: 5.963+/-0.018 χ^2/NDF: 1029058.7/44

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: -227.137+/-2.342 χ^2/NDF:857.3/4

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

Left In: -286.871+/-2.640 χ^2/NDF:45.3/3

Left: -253.445+/-1.752 χ^2/NDF: 1189.1/8

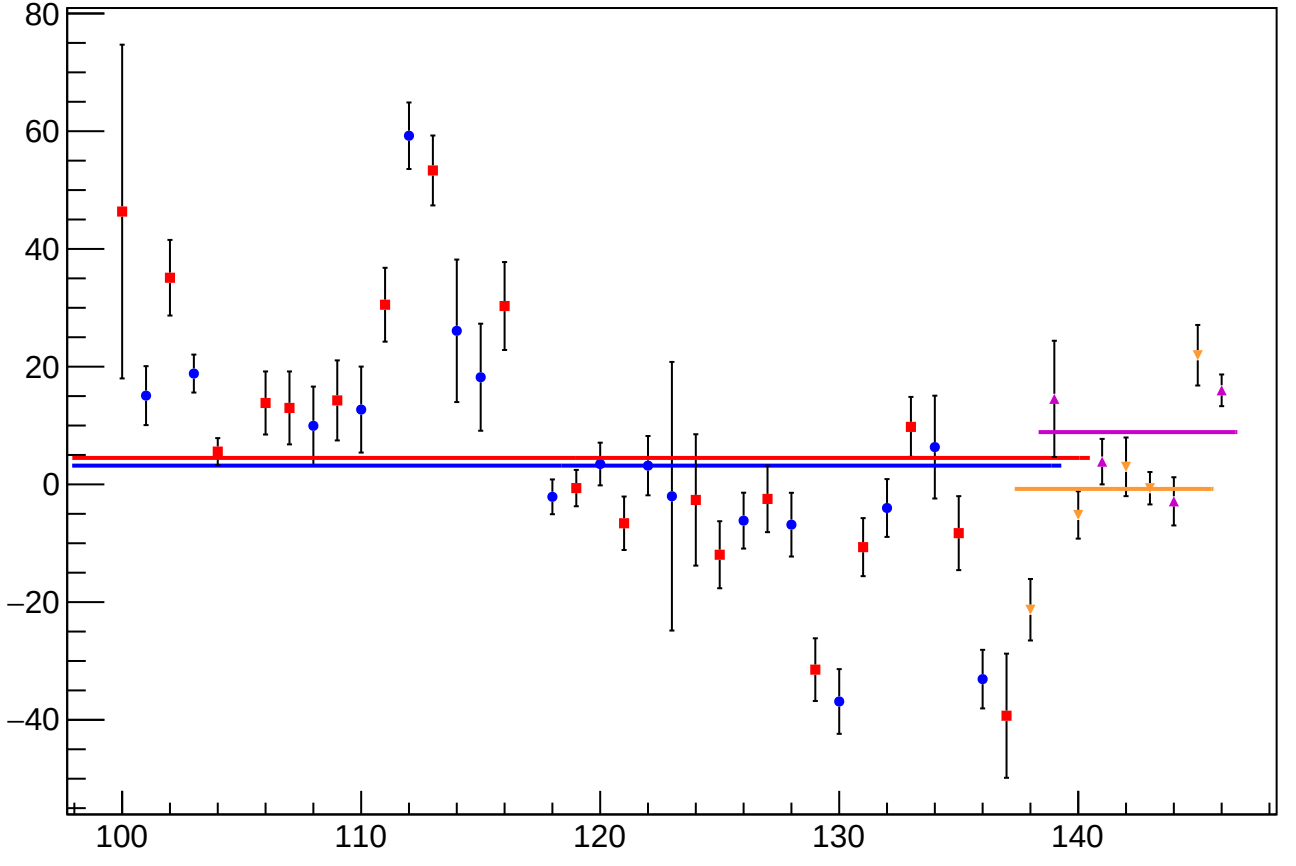
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -286.871+/-2.640 χ^2/NDF:45.3/3

Out: -227.137+/-2.342 χ^2/NDF:857.3/4

All: -253.445+/-1.752 χ^2/NDF: 1189.1/8

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: -0.766+/-1.801 χ^2/NDF:36.7/4

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 8.883+/-1.907 χ^2/NDF:17.2/3

Left: 3.783+/-1.309 χ^2/NDF: 67.5/8

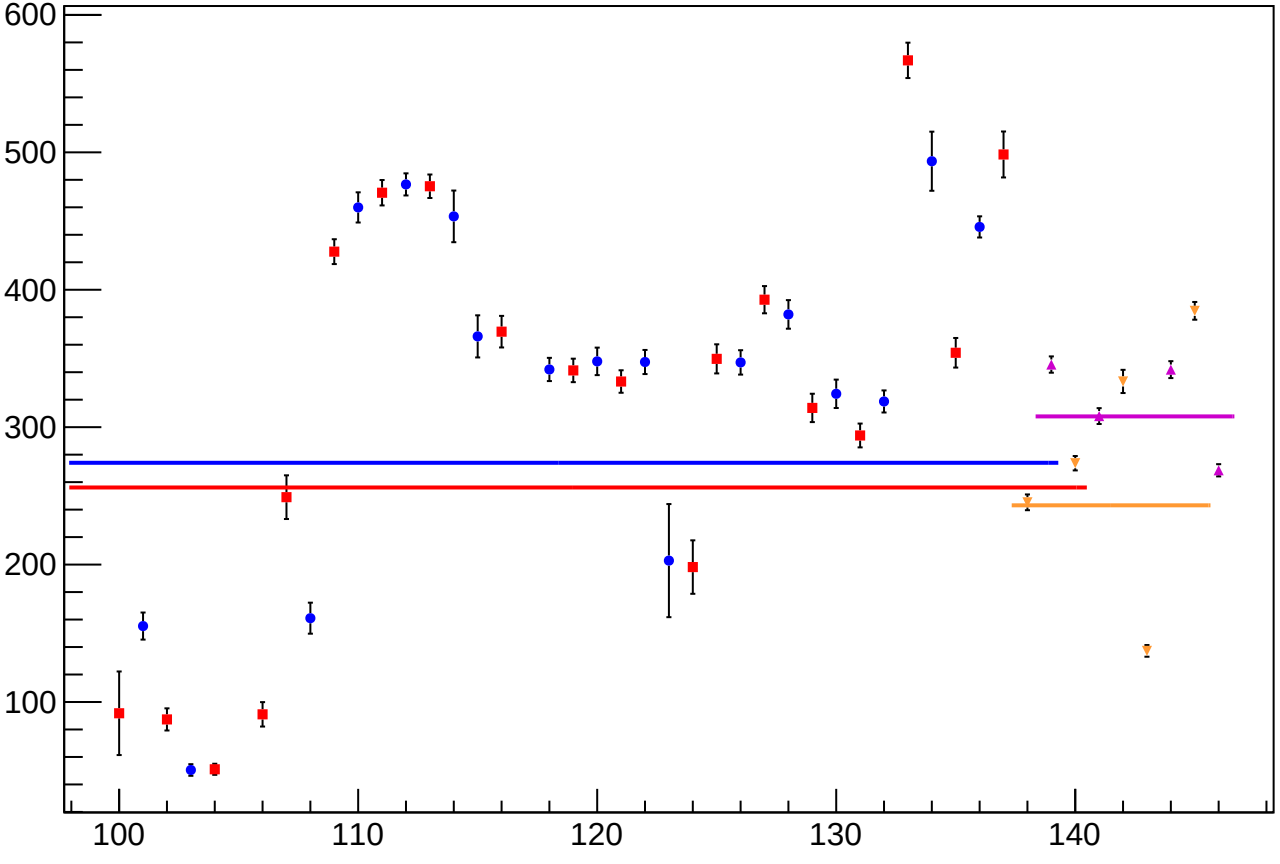
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 4.852+/-1.031 χ^2/NDF:279.2/20

Out: 2.955+/-0.975 χ^2/NDF:268.2/23

All: 3.851+/-0.708 χ^2/NDF: 549.1/44

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: 243.125+/-2.500 χ^2/NDF:1247.7/4

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 307.835+/-2.719 χ^2/NDF:148.6/3

Left: 272.775+/-1.840 χ^2/NDF: 1703.2/8

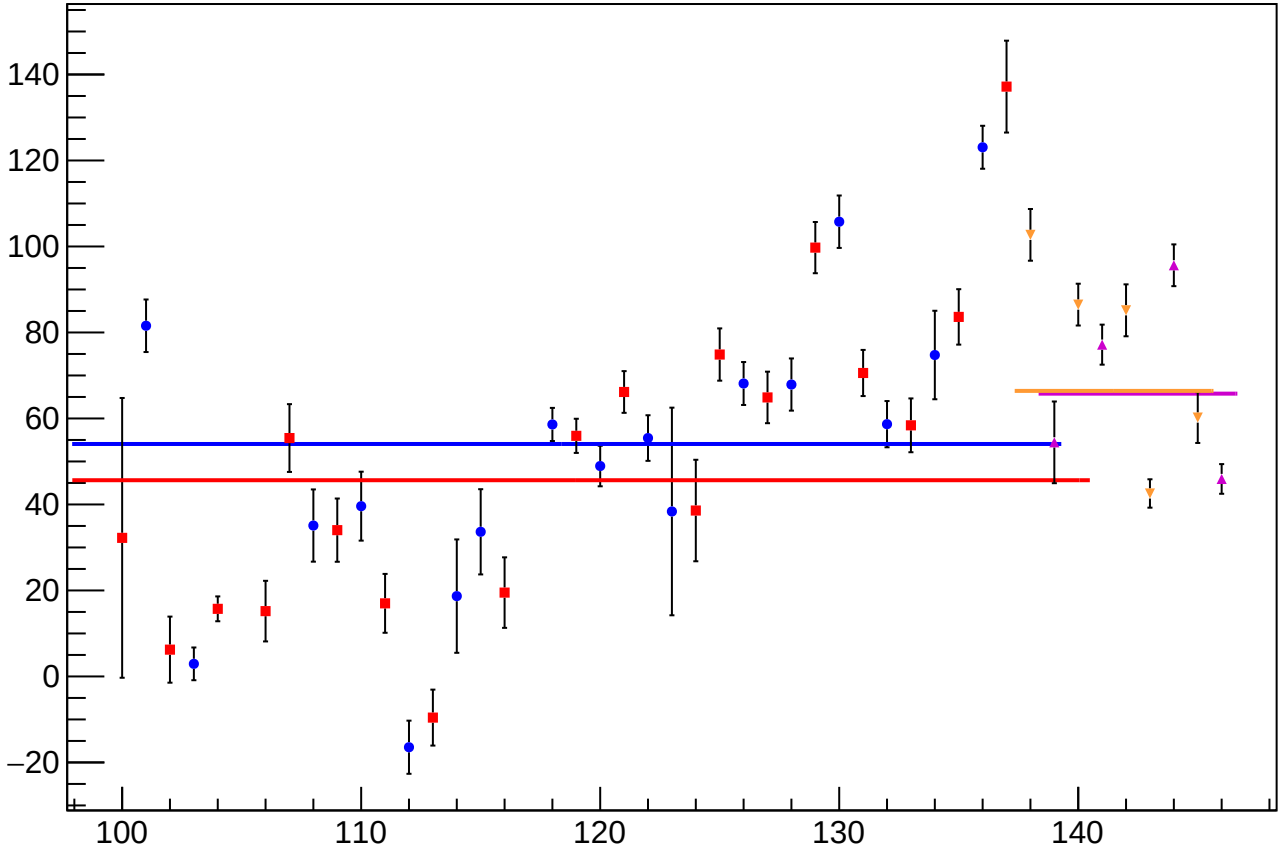
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 287.369+/-1.706 χ^2/NDF:5354.0/20

Out: 250.798+/-1.599 χ^2/NDF:7707.7/23

All: 267.902+/-1.167 χ^2/NDF: 13306.3/44

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: 66.411+/-2.143 χ^2/NDF:116.4/4

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 65.773+/-2.334 χ^2/NDF:78.2/3

Left: 66.119+/-1.579 χ^2/NDF: 194.7/8

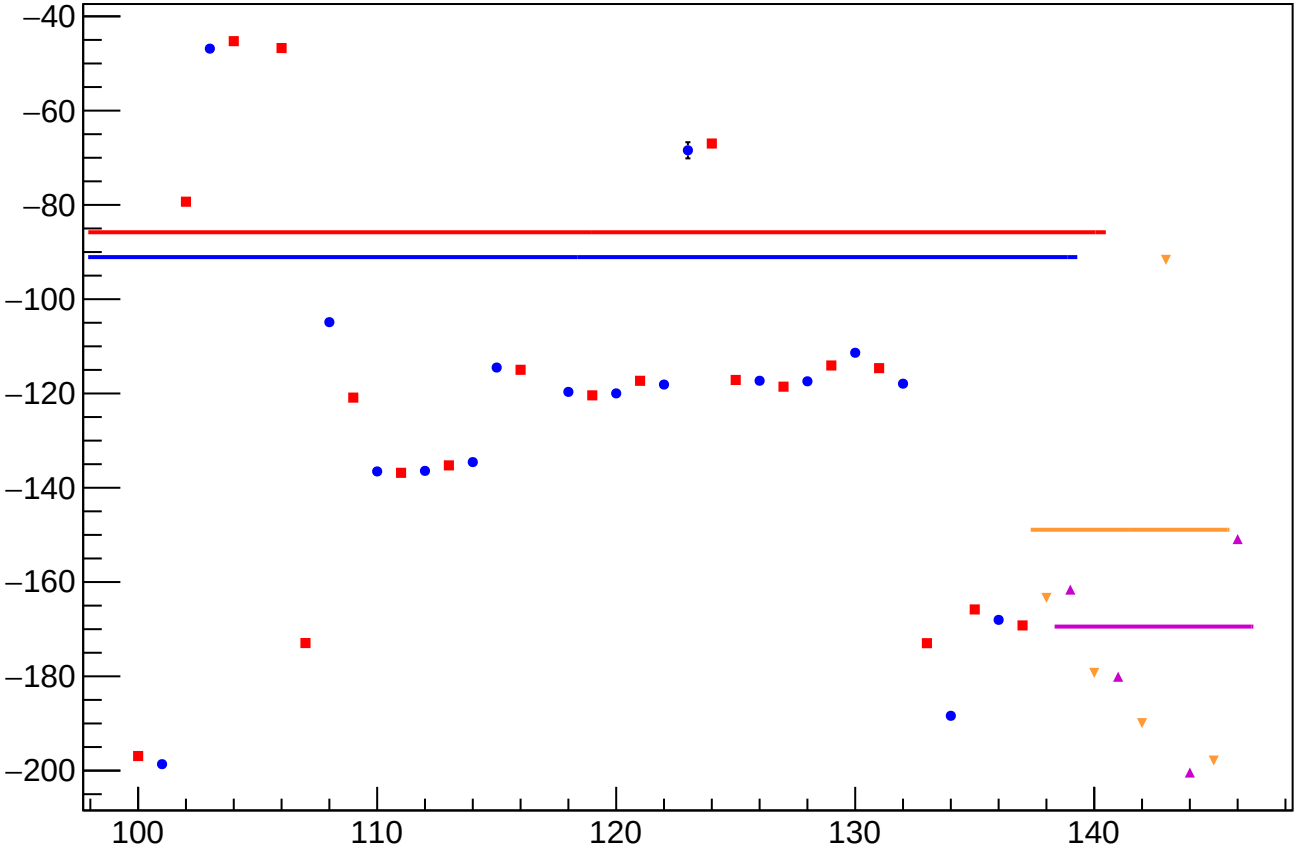
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 57.229+/-1.213 χ^2/NDF:731.0/20

Out: 51.596+/-1.148 χ^2/NDF:714.2/23

All: 54.256+/-0.834 χ^2/NDF: 1456.5/44

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: -148.910+/-0.102 χ^2/NDF:185344.3/4

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -169.448+/-0.113 χ^2/NDF:24875.0/3

Left: -158.134+/-0.076 χ^2/NDF: 228513.9/8

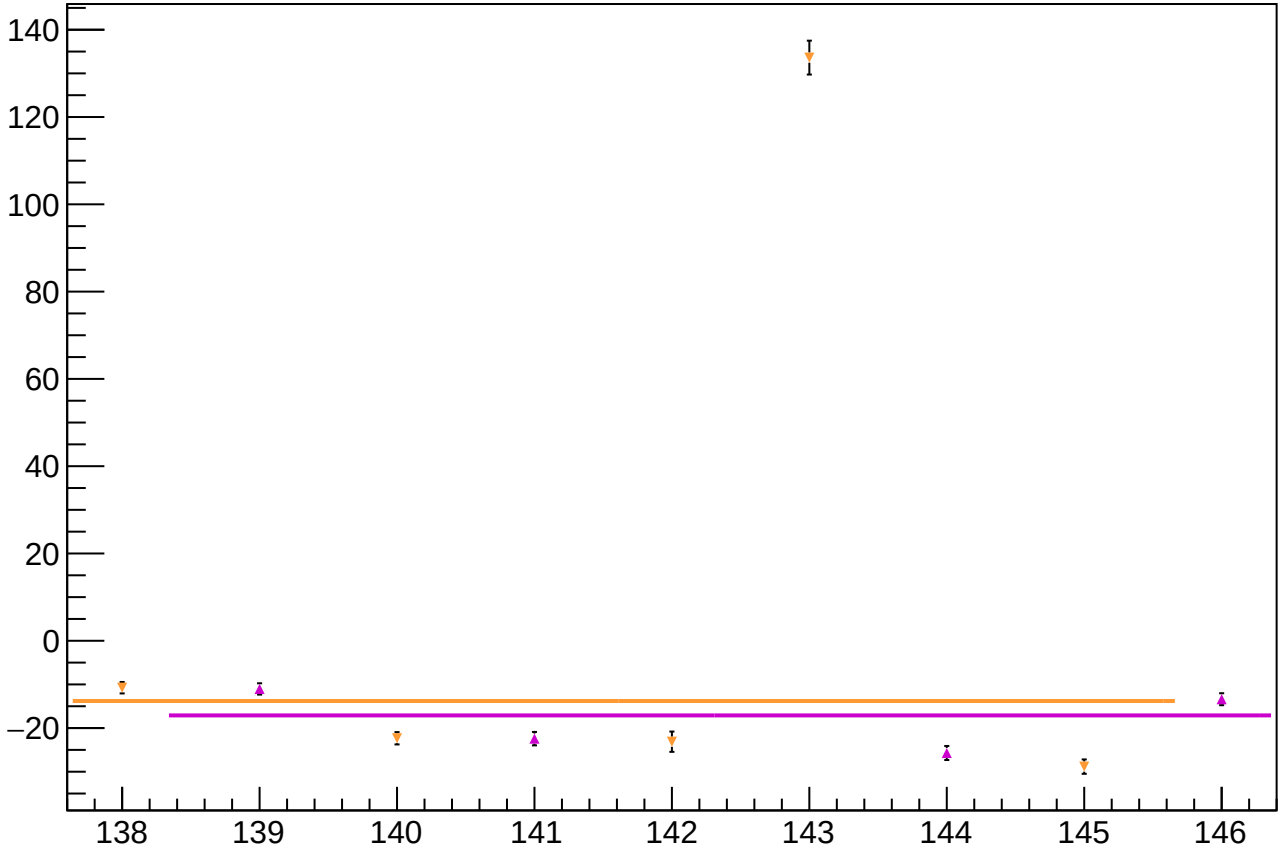
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -111.779+/-0.058 χ^2/NDF:915369.1/20

Out: -104.106+/-0.055 χ^2/NDF:954281.6/23

All: -107.730+/-0.040 χ^2/NDF: 1878908.6/44

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.797+/-0.766 χ^2/NDF:1584.0/4

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

Left In: -17.098+/-0.719 χ^2/NDF:69.9/3

Left: -15.553+/-0.524 χ^2/NDF: 1663.7/8

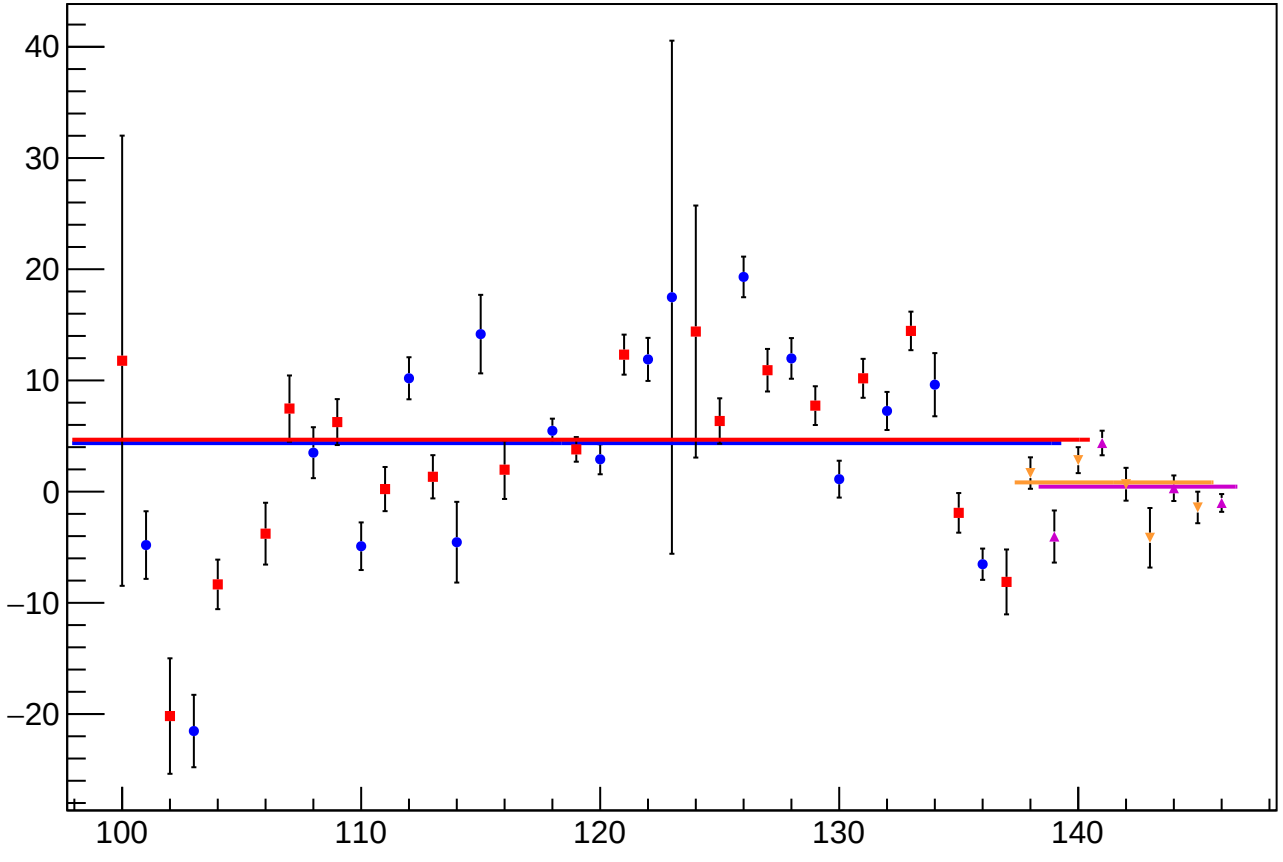
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.098+/-0.719 χ^2/NDF:69.9/3

Out: -13.797+/-0.766 χ^2/NDF:1584.0/4

All: -15.553+/-0.524 χ^2/NDF: 1663.7/8

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: 0.830+/-0.655 χ^2/NDF:9.3/4

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.448+/-0.549 χ^2/NDF:19.7/3

Left: 0.605+/-0.421 χ^2/NDF: 29.2/8

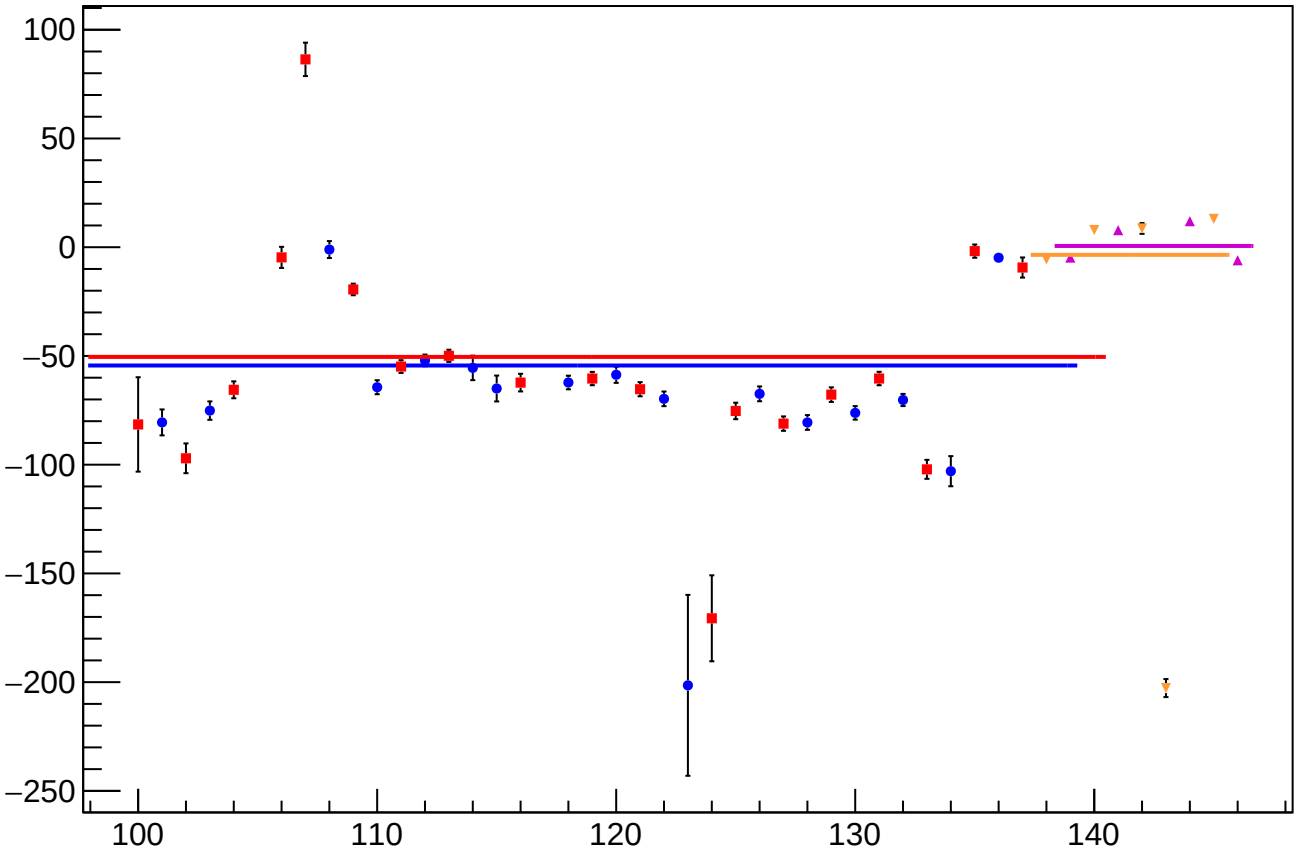
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 2.728+/-0.354 χ^2/NDF:335.8/20

Out: 3.350+/-0.384 χ^2/NDF:217.2/23

All: 3.014+/-0.260 χ^2/NDF: 554.4/44

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: -3.510+/-0.818 χ^2/NDF:2489.2/4

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: 0.585+/-0.745 χ^2/NDF:103.3/3

Left: -1.272+/-0.551 χ^2/NDF: 2606.2/8

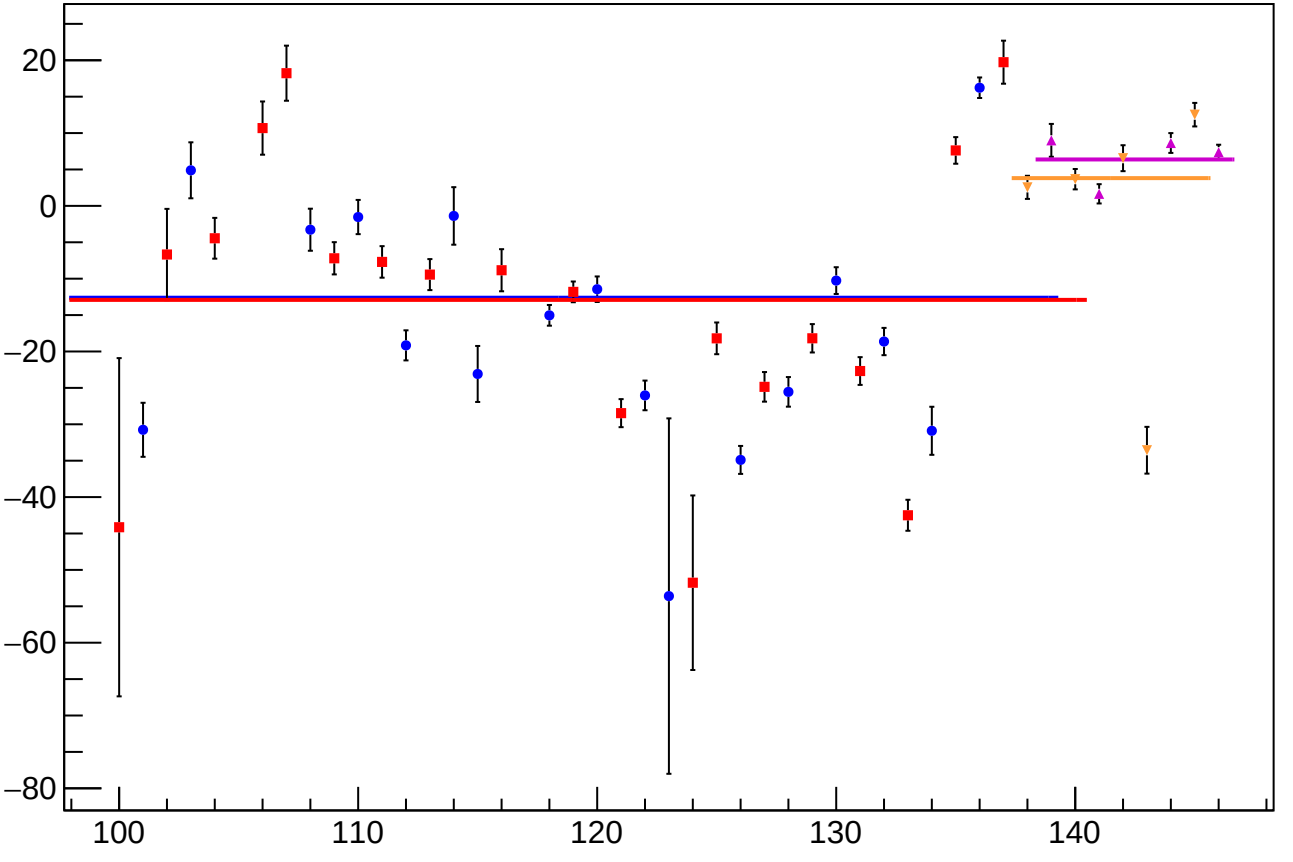
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -22.908+/-0.564 χ^2/NDF:3443.4/20

Out: -25.868+/-0.592 χ^2/NDF:5382.7/23

All: -24.316+/-0.408 χ^2/NDF: 8839.2/44

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: 3.812+/-0.767 χ^2/NDF:167.5/4

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 6.375+/-0.665 χ^2/NDF:17.8/3

Left: 5.275+/-0.502 χ^2/NDF: 191.7/8

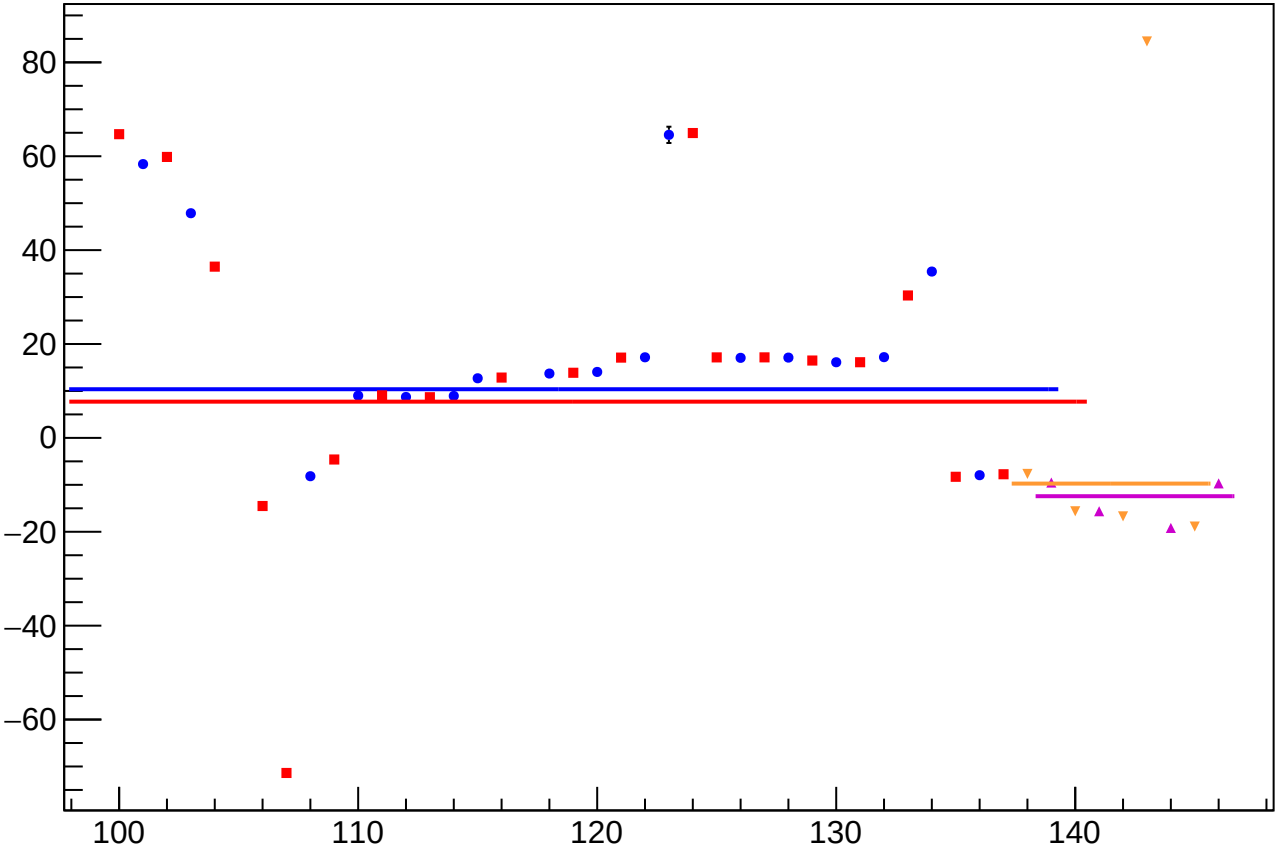
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: -5.237+/-0.415 χ^2/NDF:1304.5/20

Out: -7.391+/-0.440 χ^2/NDF:1216.5/23

All: -6.249+/-0.302 χ^2/NDF: 2533.7/44

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -9.736+/-0.033 χ^2/NDF:354314.0/4

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -12.422+/-0.030 χ^2/NDF:15938.4/3

Left: -11.193+/-0.022 χ^2/NDF: 373846.1/8

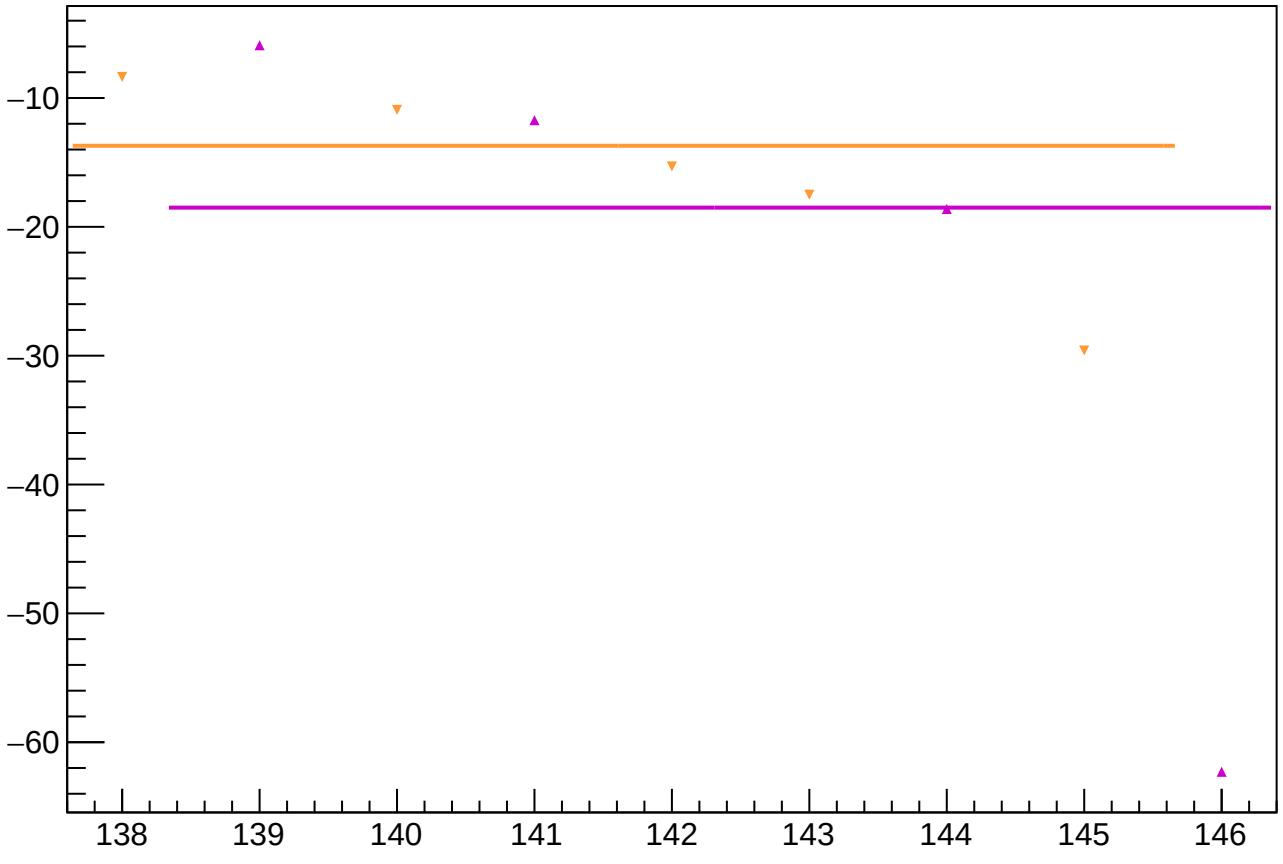
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -1.115+/-0.022 χ^2/NDF:677515.4/20

Out: -0.535+/-0.023 χ^2/NDF:1046893.2/23

All: -0.841+/-0.016 χ^2/NDF: 1724752.9/44

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: -13.707+/-0.120 χ^2/NDF:3075.5/4

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

Left In: -18.509+/-0.122 χ^2/NDF:24338.8/3

Left: -16.058+/-0.085 χ^2/NDF: 28204.1/8

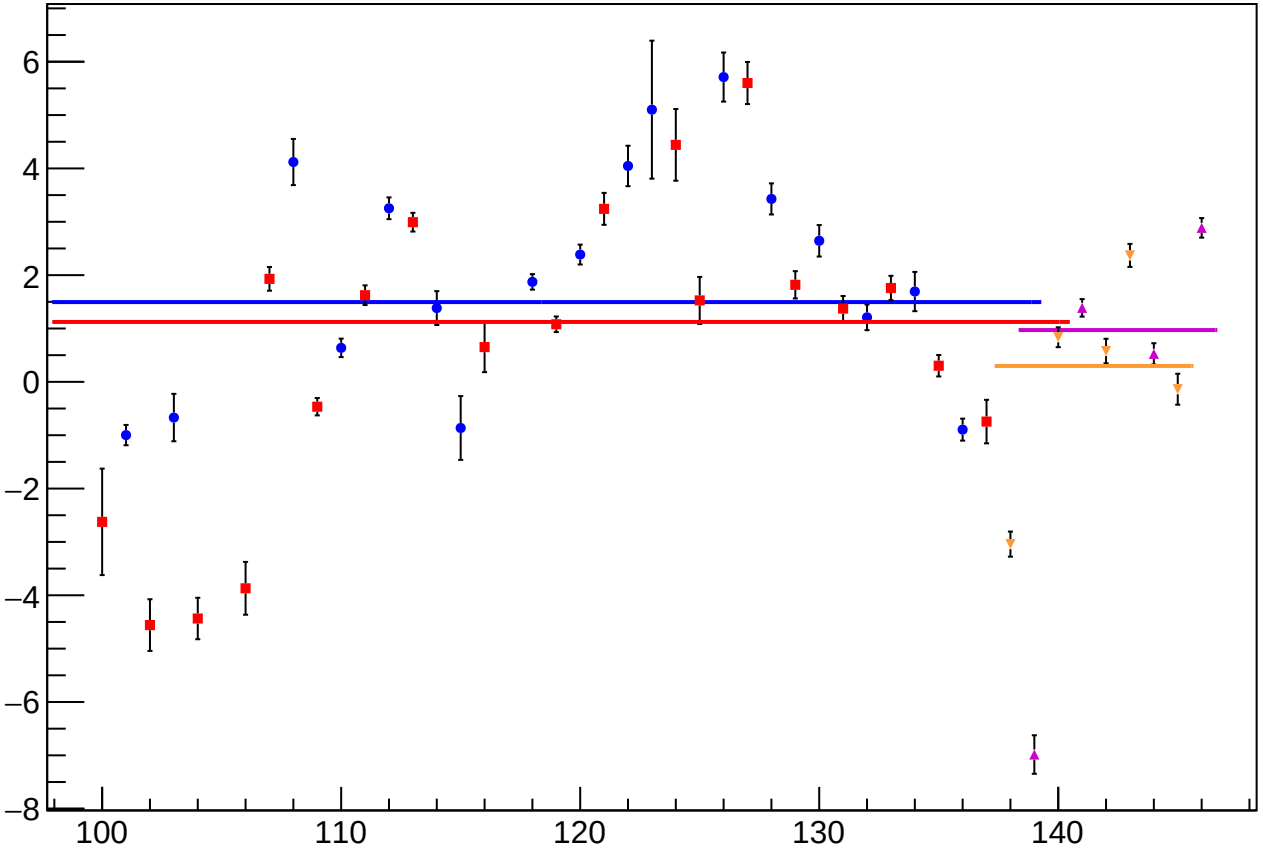
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.509+/-0.122 χ^2/NDF:24338.8/3

Out: -13.707+/-0.120 χ^2/NDF:3075.5/4

All: -16.058+/-0.085 χ^2/NDF: 28204.1/8

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: 0.298+/-0.100 χ^2/NDF:305.7/4

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 0.971+/-0.100 χ^2/NDF:605.8/3

Left: 0.635+/-0.071 χ^2/NDF: 933.9/8

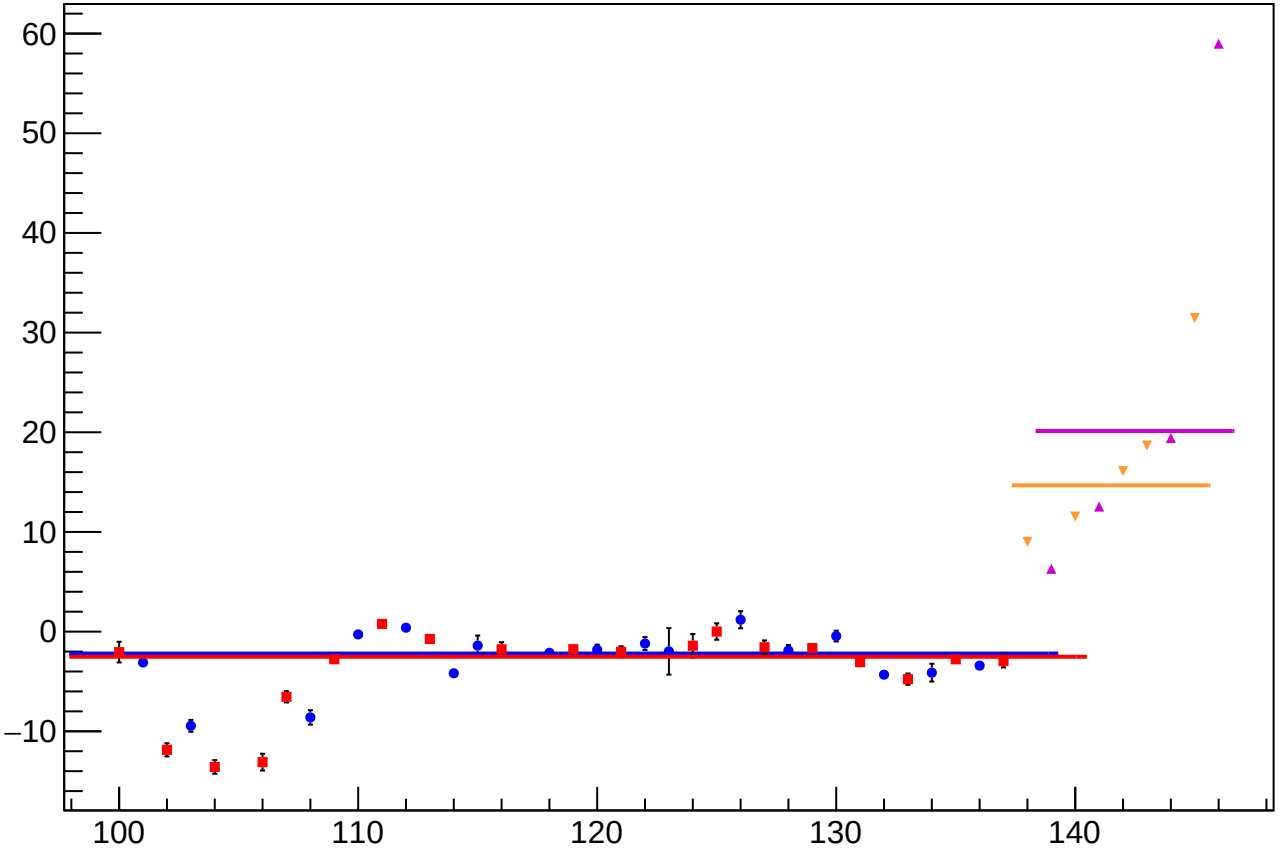
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.353+/-0.052 χ^2/NDF:1334.6/20

Out: 0.915+/-0.050 χ^2/NDF:1302.7/23

All: 1.126+/-0.036 χ^2/NDF: 2673.7/44

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: 14.680+/-0.128 χ^2/NDF:3049.8/4

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 20.125+/-0.128 χ^2/NDF:21872.4/3

Left: 17.397+/-0.091 χ^2/NDF: 25822.9/8

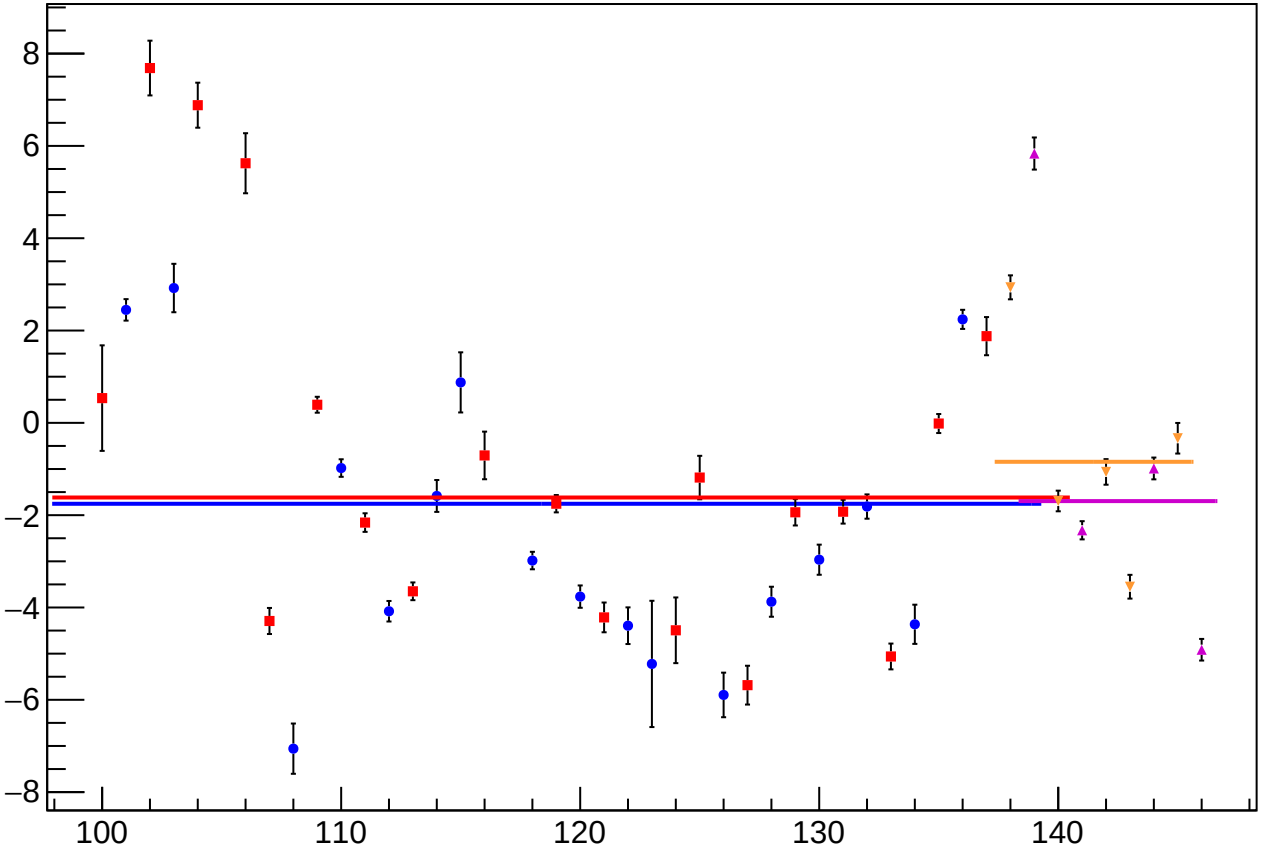
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 7.307+/-0.084 χ^2/NDF:39688.3/20

Out: 3.902+/-0.078 χ^2/NDF:15235.5/23

All: 5.490+/-0.057 χ^2/NDF: 55804.5/44

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: -0.844+/-0.118 χ^2/NDF:339.7/4

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -1.695+/-0.119 χ^2/NDF:676.6/3

Left: -1.264+/-0.084 χ^2/NDF: 1042.0/8

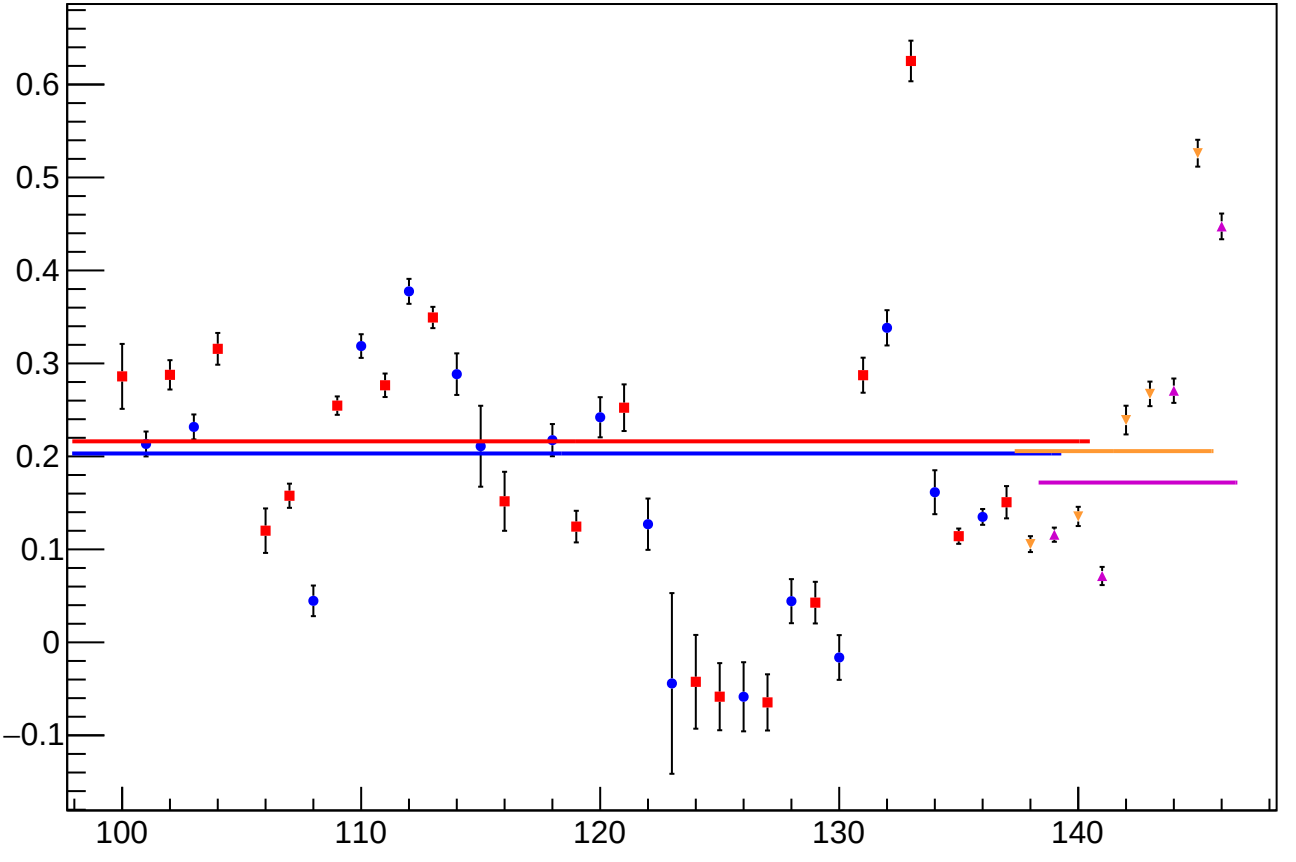
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -1.738+/-0.061 χ^2/NDF:2021.8/20

Out: -1.434+/-0.057 χ^2/NDF:1860.1/23

All: -1.578+/-0.042 χ^2/NDF: 3895.2/44

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: 0.206+/-0.005 χ^2/NDF:701.4/4

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.172+/-0.005 χ^2/NDF:613.7/3

Left: 0.189+/-0.004 χ^2/NDF: 1336.9/8

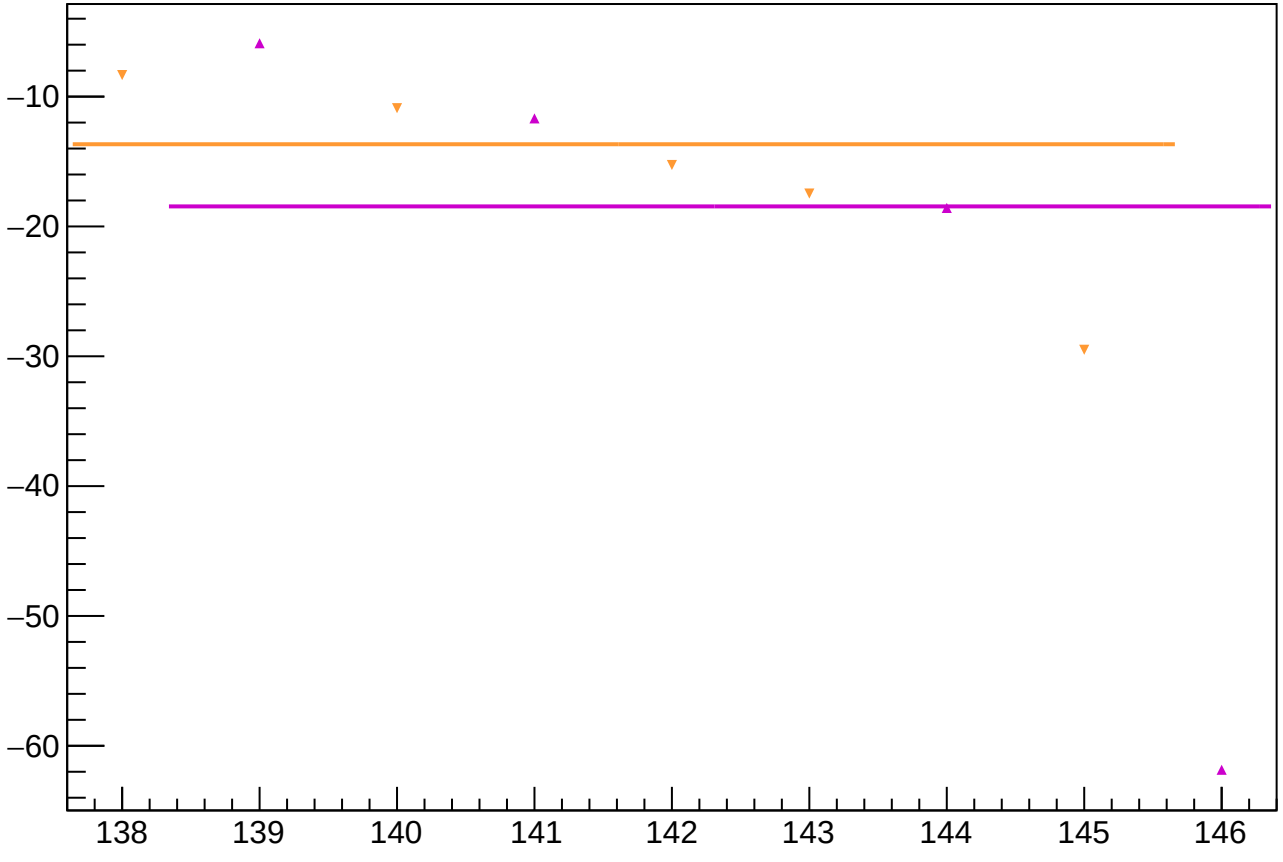
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.191+/-0.003 χ^2/NDF:1313.6/20

Out: 0.213+/-0.003 χ^2/NDF:1771.5/23

All: 0.202+/-0.002 χ^2/NDF: 3110.1/44

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: -13.668+/-0.119 χ^2/NDF:3082.7/4

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

Left In: -18.456+/-0.121 χ^2/NDF:24293.2/3

Left: -16.014+/-0.085 χ^2/NDF: 28168.4/8

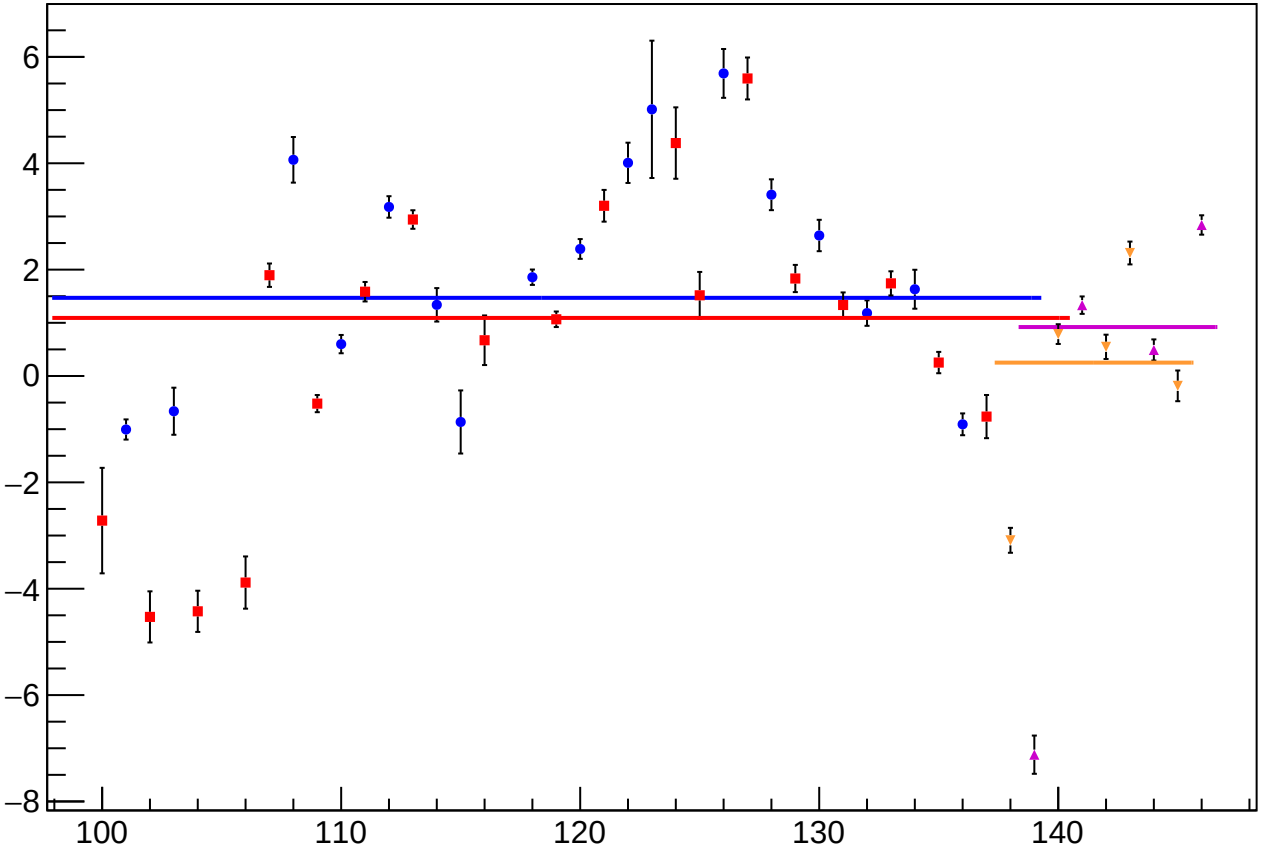
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.456+/-0.121 χ^2/NDF:24293.2/3

Out: -13.668+/-0.119 χ^2/NDF:3082.7/4

All: -16.014+/-0.085 χ^2/NDF: 28168.4/8

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: 0.252+/-0.100 χ^2/NDF:307.9/4

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 0.920+/-0.100 χ^2/NDF:622.3/3

Left: 0.587+/-0.071 χ^2/NDF: 952.6/8

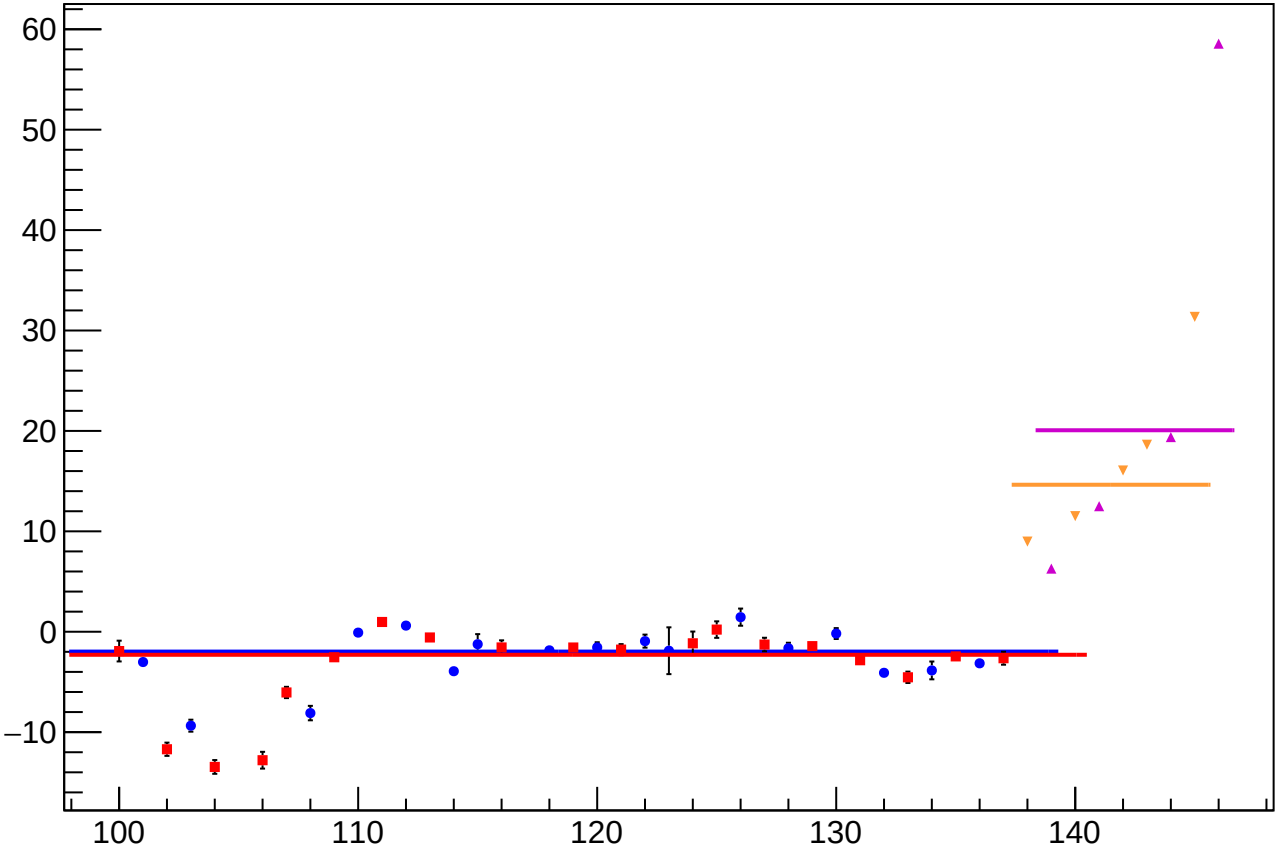
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.321+/-0.052 χ^2/NDF:1352.2/20

Out: 0.880+/-0.050 χ^2/NDF:1312.9/23

All: 1.093+/-0.036 χ^2/NDF: 2702.4/44

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: 14.639+/-0.128 χ^2/NDF:3057.3/4

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 20.066+/-0.128 χ^2/NDF:21821.5/3

Left: 17.349+/-0.090 χ^2/NDF: 25781.9/8

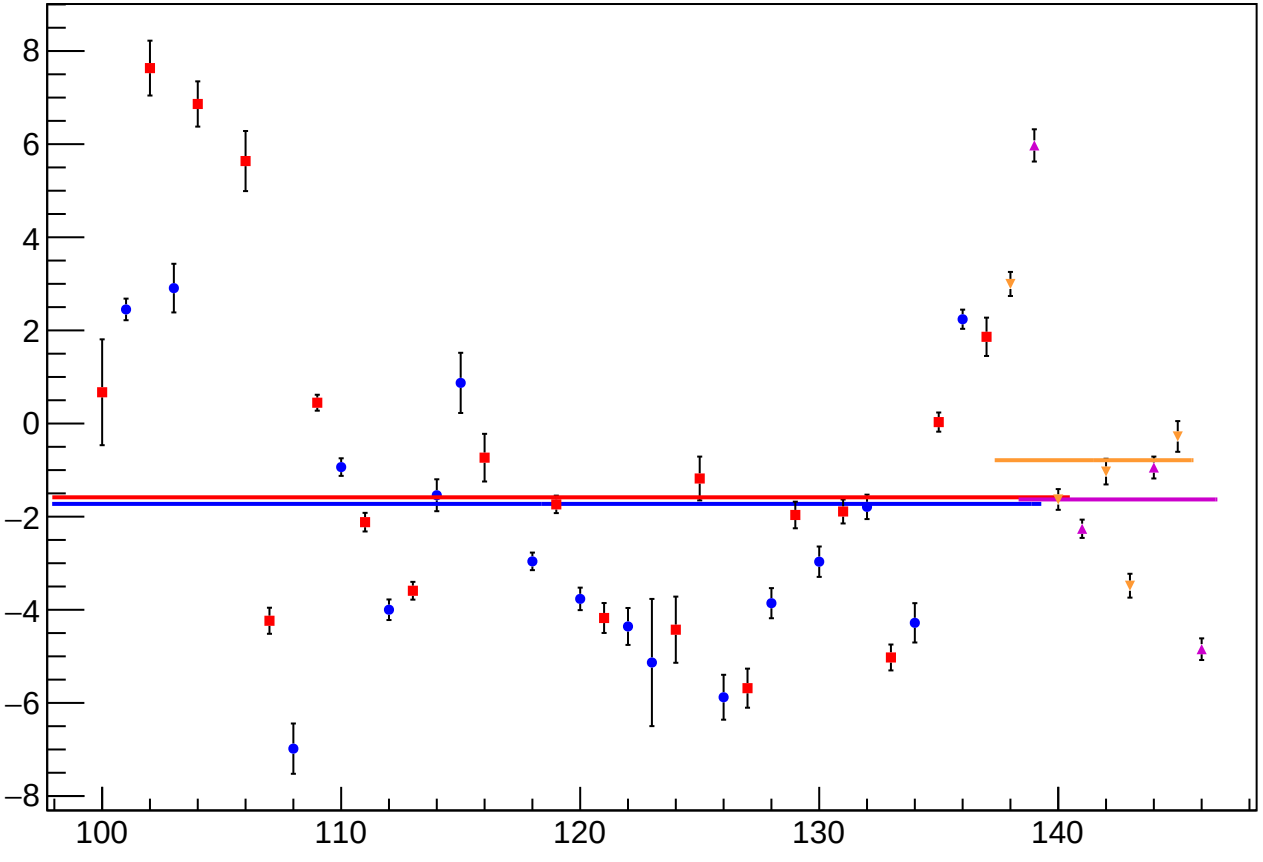
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 7.409+/-0.083 χ^2/NDF:39371.5/20

Out: 4.023+/-0.078 χ^2/NDF:15005.1/23

All: 5.602+/-0.057 χ^2/NDF: 55257.1/44

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: -0.788+/-0.117 χ^2/NDF:342.3/4

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -1.630+/-0.119 χ^2/NDF:691.8/3

Left: -1.204+/-0.083 χ^2/NDF: 1059.6/8

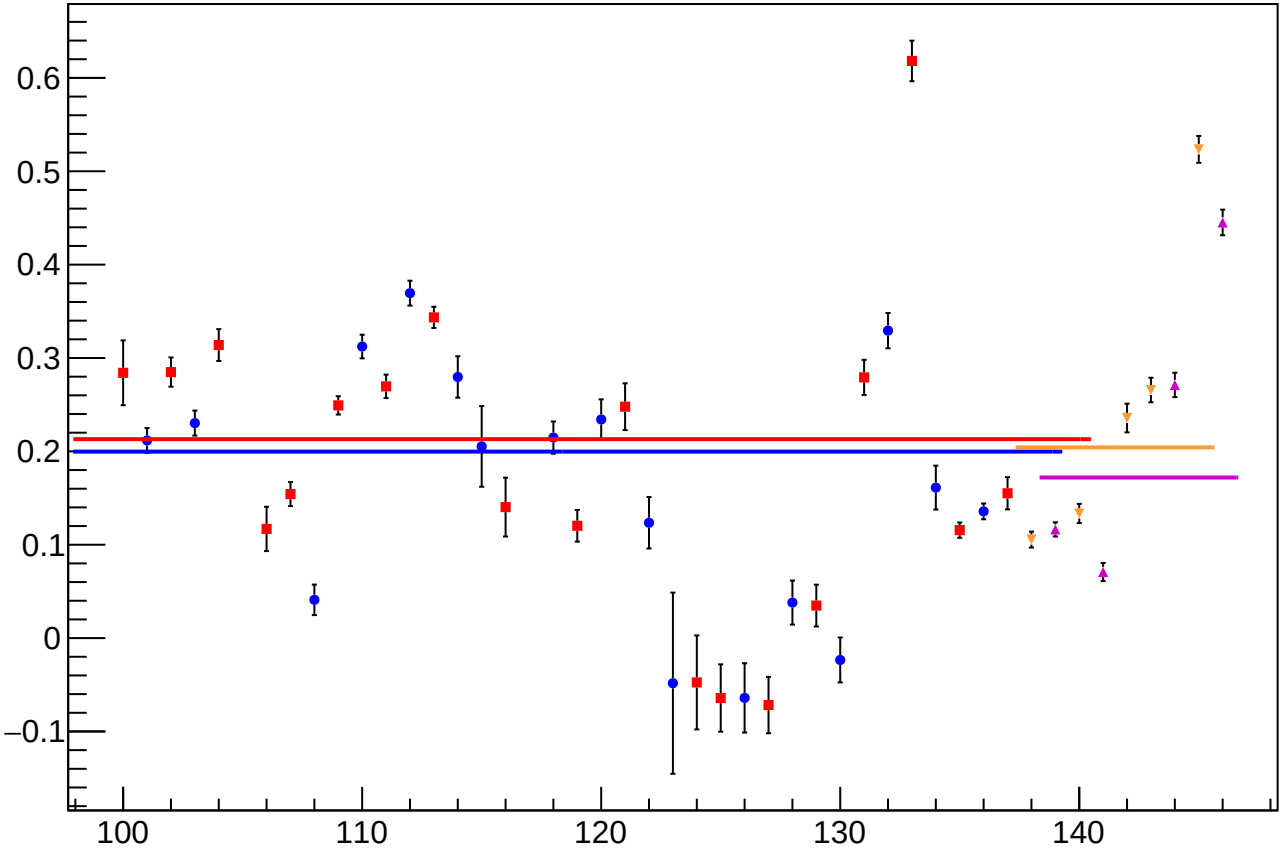
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -1.701+/-0.060 χ^2/NDF:2033.7/20

Out: -1.395+/-0.057 χ^2/NDF:1870.3/23

All: -1.540+/-0.041 χ^2/NDF: 3917.6/44

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: 0.204+/-0.005 χ^2/NDF:700.7/4

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.172+/-0.005 χ^2/NDF:615.8/3

Left: 0.188+/-0.004 χ^2/NDF: 1336.6/8

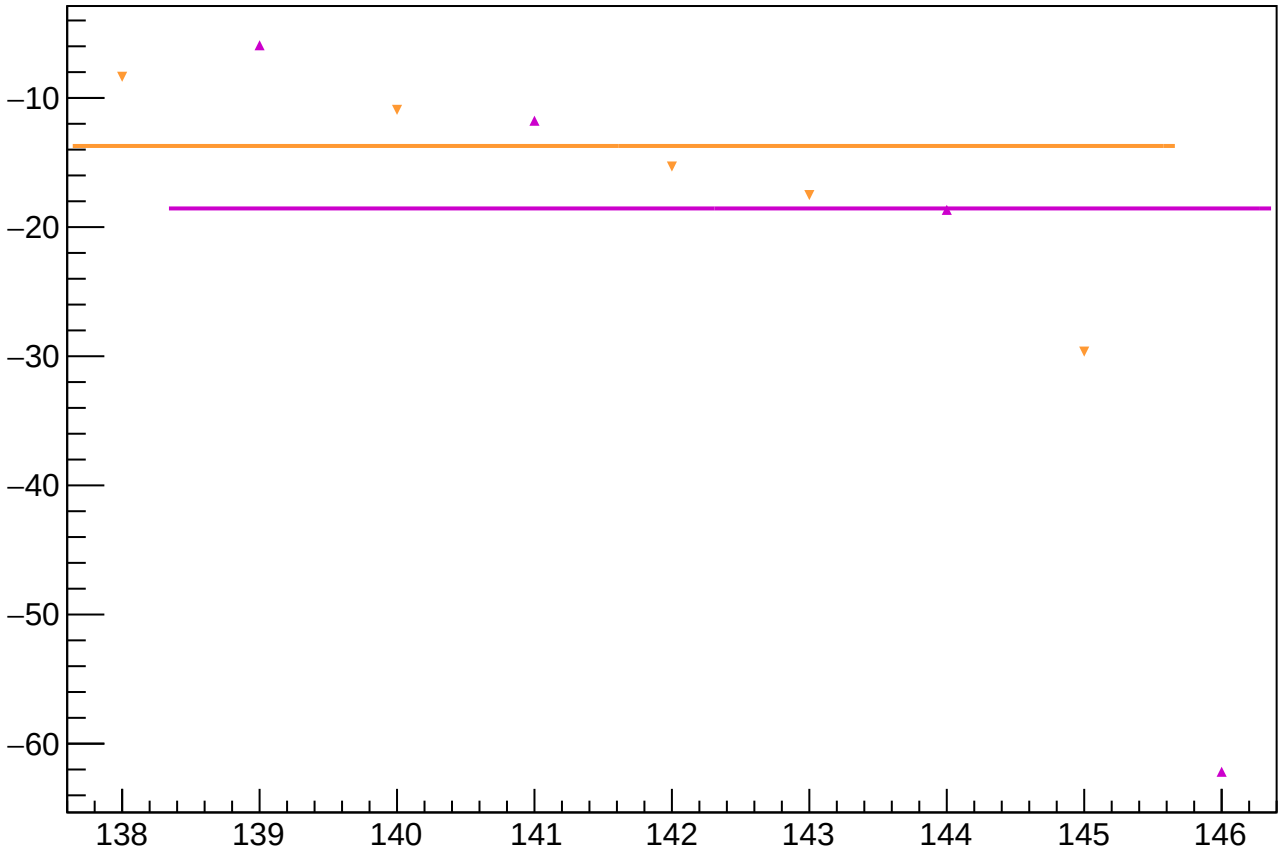
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.189+/-0.003 χ^2/NDF:1296.5/20

Out: 0.210+/-0.003 χ^2/NDF:1753.5/23

All: 0.200+/-0.002 χ^2/NDF: 3073.9/44

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: -13.717+/-0.120 χ^2/NDF:3088.7/4

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

Left In: -18.556+/-0.122 χ^2/NDF:24326.5/3

Left: -16.088+/-0.085 χ^2/NDF: 28217.4/8

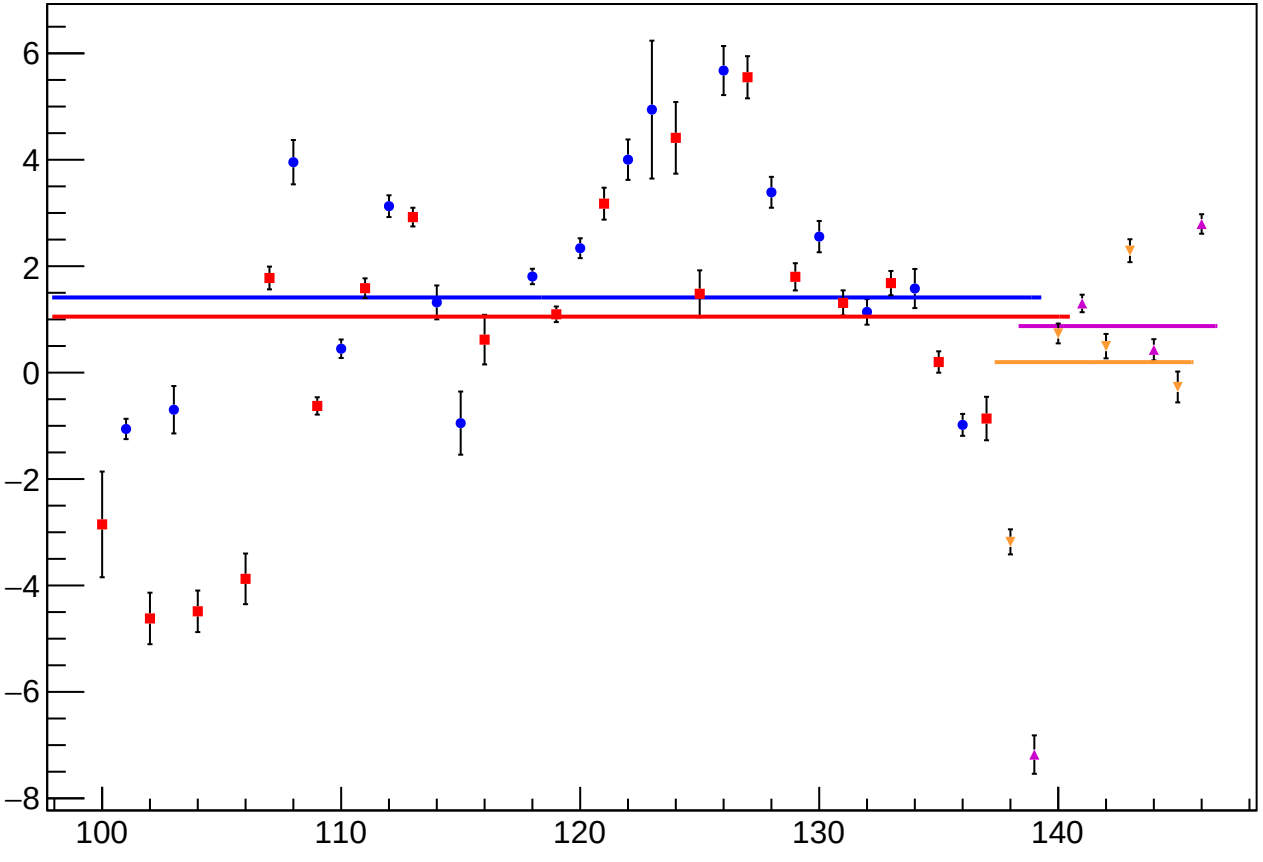
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.556+/-0.122 χ^2/NDF:24326.5/3

Out: -13.717+/-0.120 χ^2/NDF:3088.7/4

All: -16.088+/-0.085 χ^2/NDF: 28217.4/8

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: 0.197+/-0.100 χ^2/NDF:312.9/4

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 0.875+/-0.100 χ^2/NDF:618.8/3

Left: 0.536+/-0.071 χ^2/NDF: 954.5/8

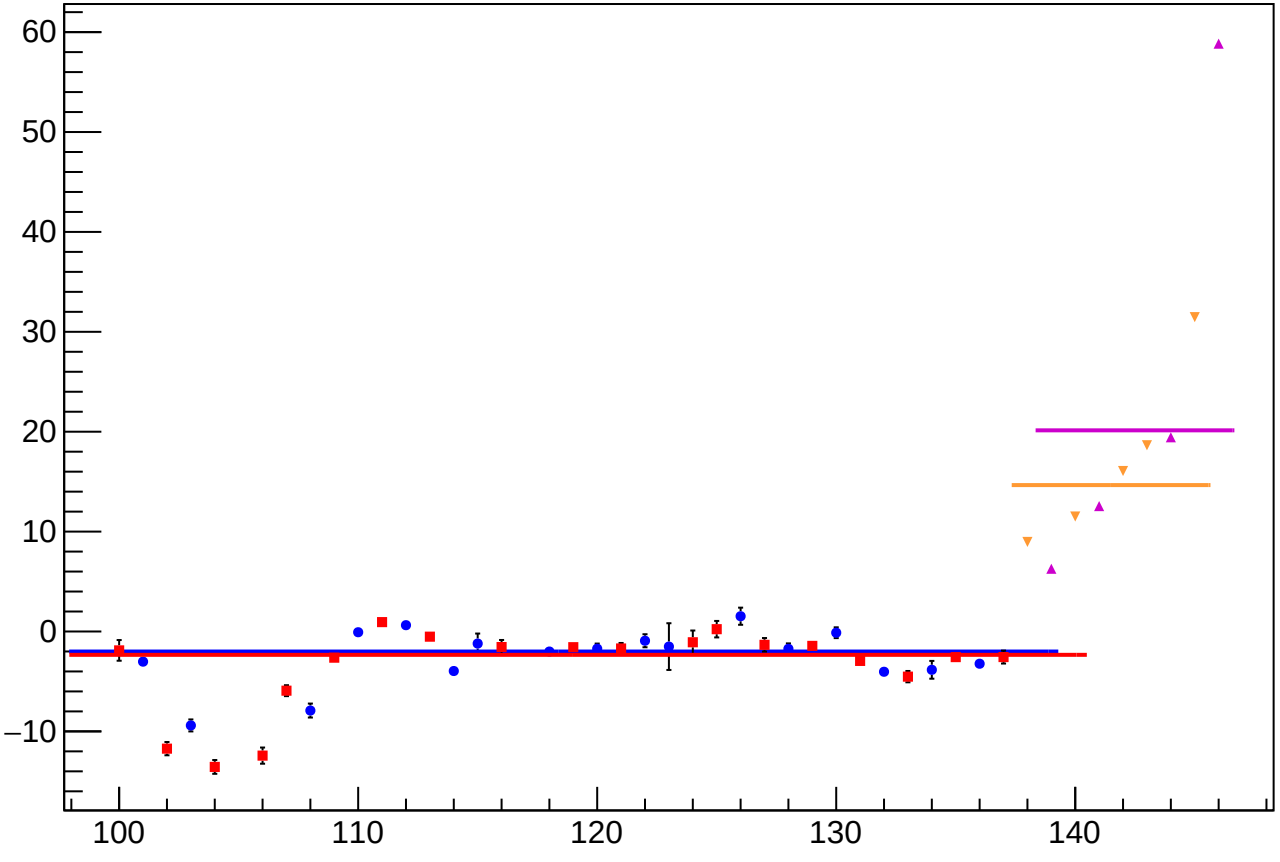
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.267+/-0.052 χ^2/NDF:1353.7/20

Out: 0.837+/-0.050 χ^2/NDF:1330.6/23

All: 1.044+/-0.036 χ^2/NDF: 2719.4/44

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: 14.656+/-0.128 χ^2/NDF:3061.1/4

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 20.137+/-0.128 χ^2/NDF:21854.9/3

Left: 17.393+/-0.091 χ^2/NDF: 25828.9/8

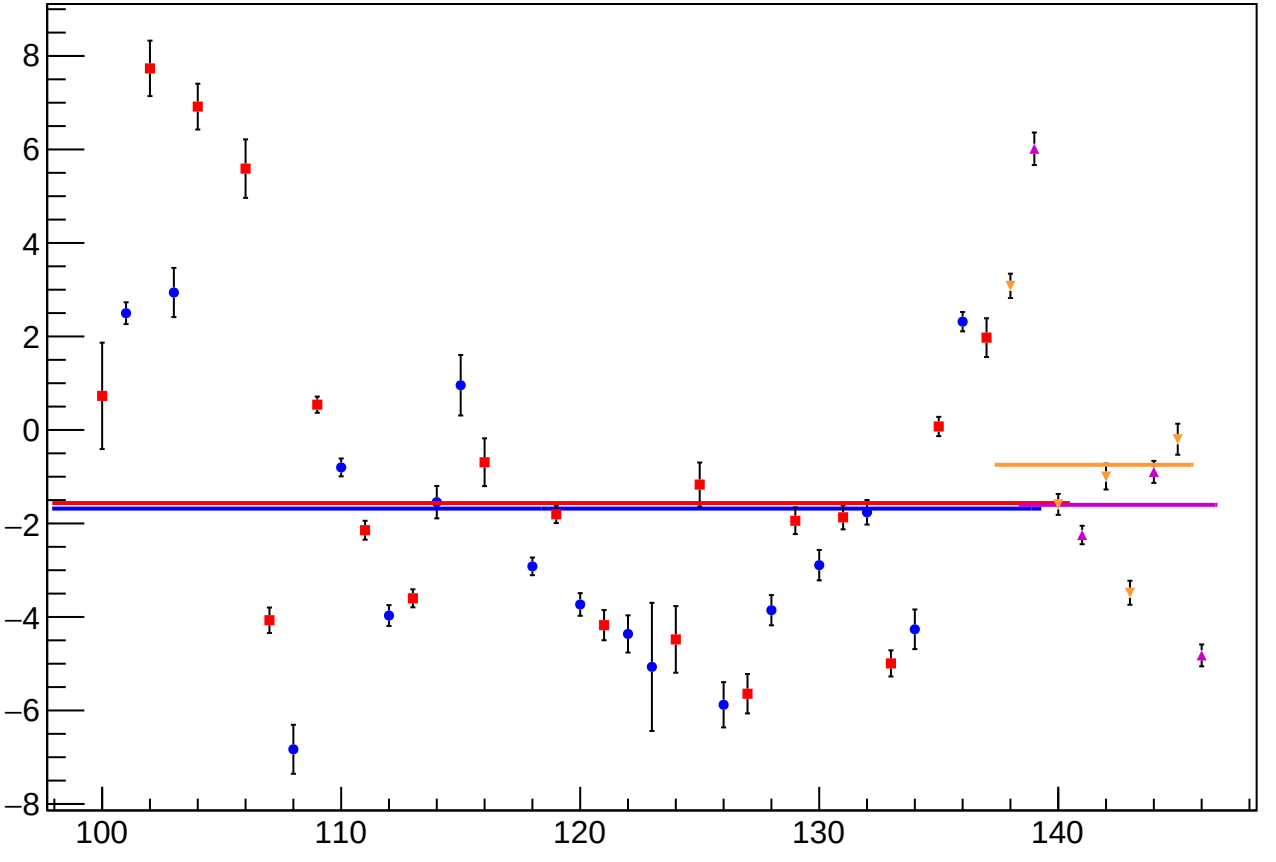
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 7.432+/-0.084 χ^2/NDF:39396.8/20

Out: 4.006+/-0.078 χ^2/NDF:14977.4/23

All: 5.603+/-0.057 χ^2/NDF: 55266.8/44

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: -0.745+/-0.118 χ^2/NDF:348.1/4

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -1.602+/-0.119 χ^2/NDF:688.6/3

Left: -1.168+/-0.084 χ^2/NDF: 1062.9/8

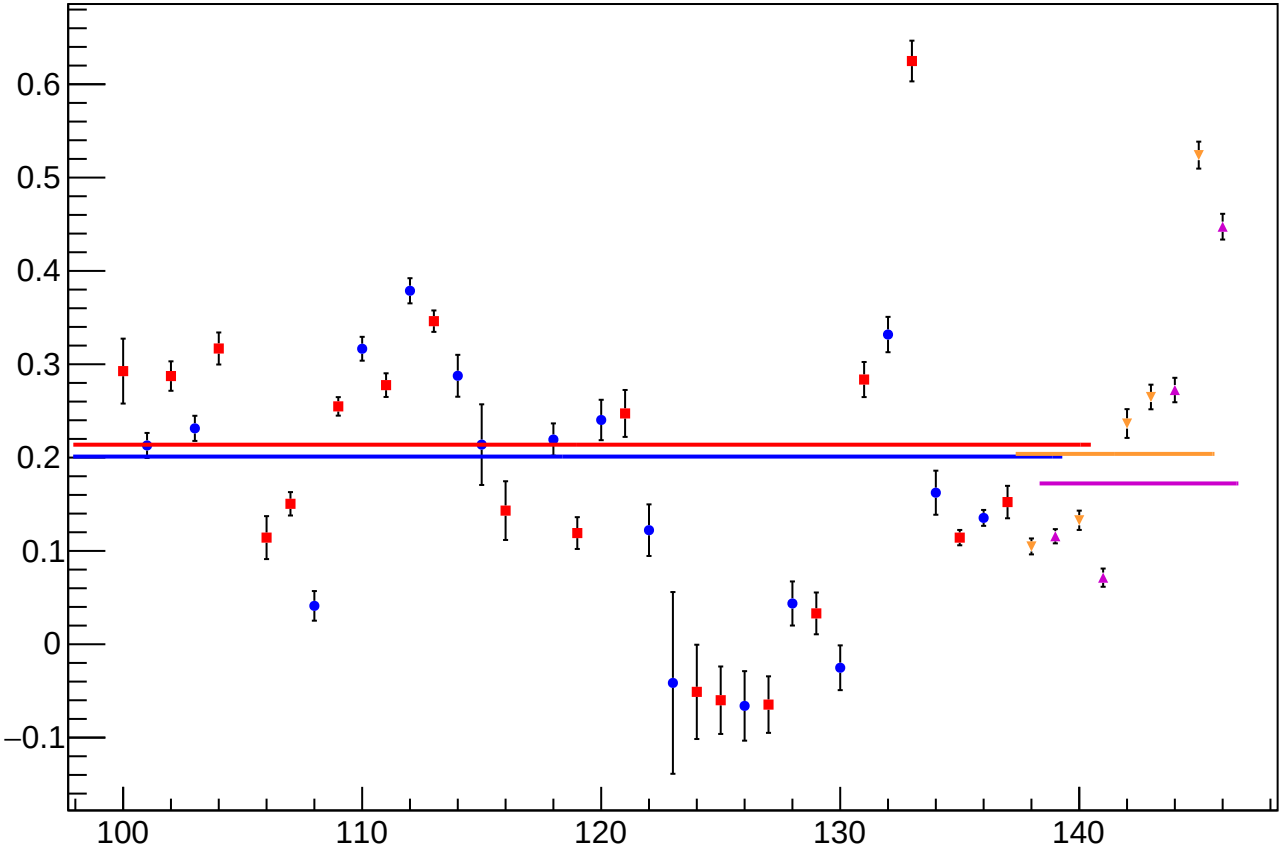
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -1.661+/-0.061 χ^2/NDF:2036.8/20

Out: -1.370+/-0.057 χ^2/NDF:1889.7/23

All: -1.507+/-0.042 χ^2/NDF: 3938.8/44

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: 0.204+/-0.005 χ^2/NDF:698.5/4

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.172+/-0.005 χ^2/NDF:618.1/3

Left: 0.188+/-0.004 χ^2/NDF: 1335.8/8

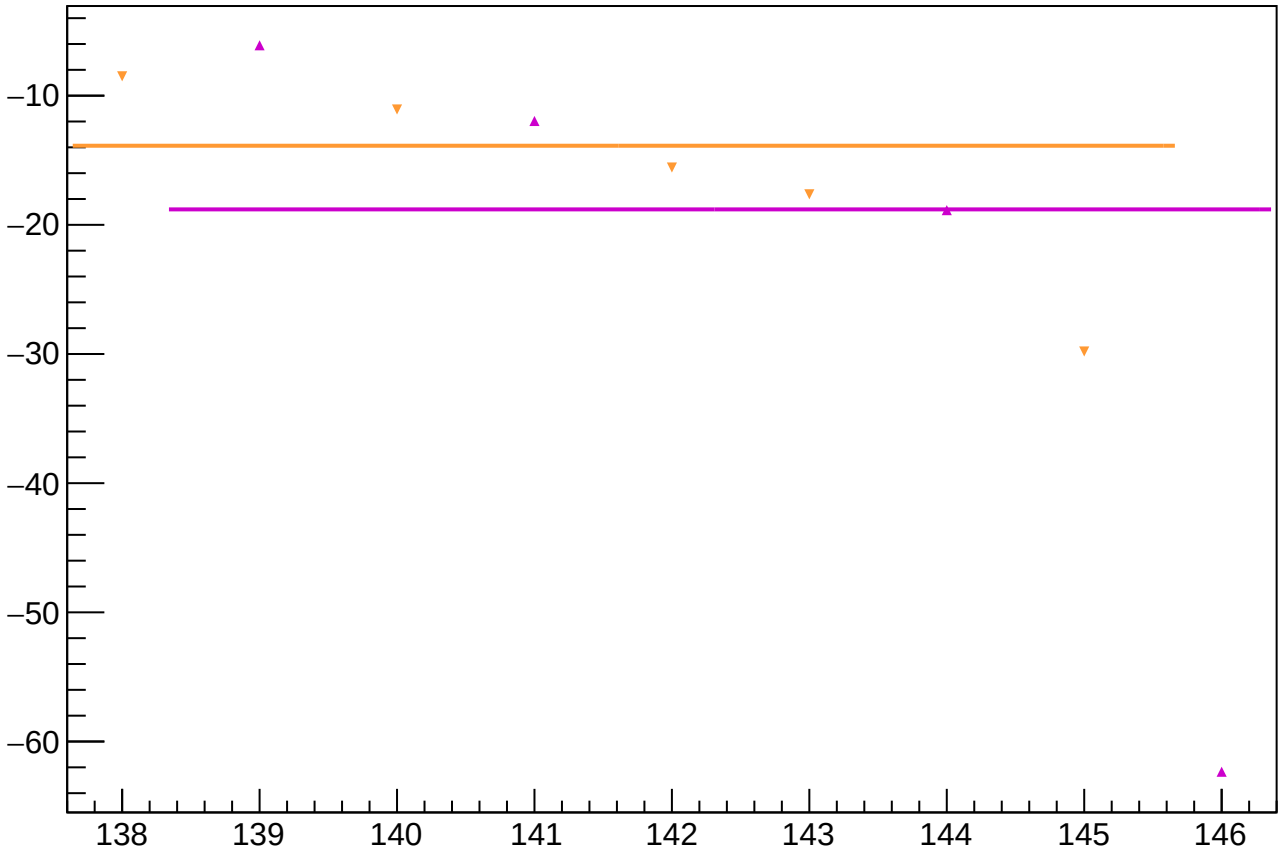
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.190+/-0.003 χ^2/NDF:1328.8/20

Out: 0.210+/-0.003 χ^2/NDF:1784.1/23

All: 0.201+/-0.002 χ^2/NDF: 3135.4/44

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: -13.876+/-0.121 χ^2/NDF:3047.9/4

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

Left In: -18.804+/-0.123 χ^2/NDF:23972.1/3

Left: -16.288+/-0.086 χ^2/NDF: 27836.8/8

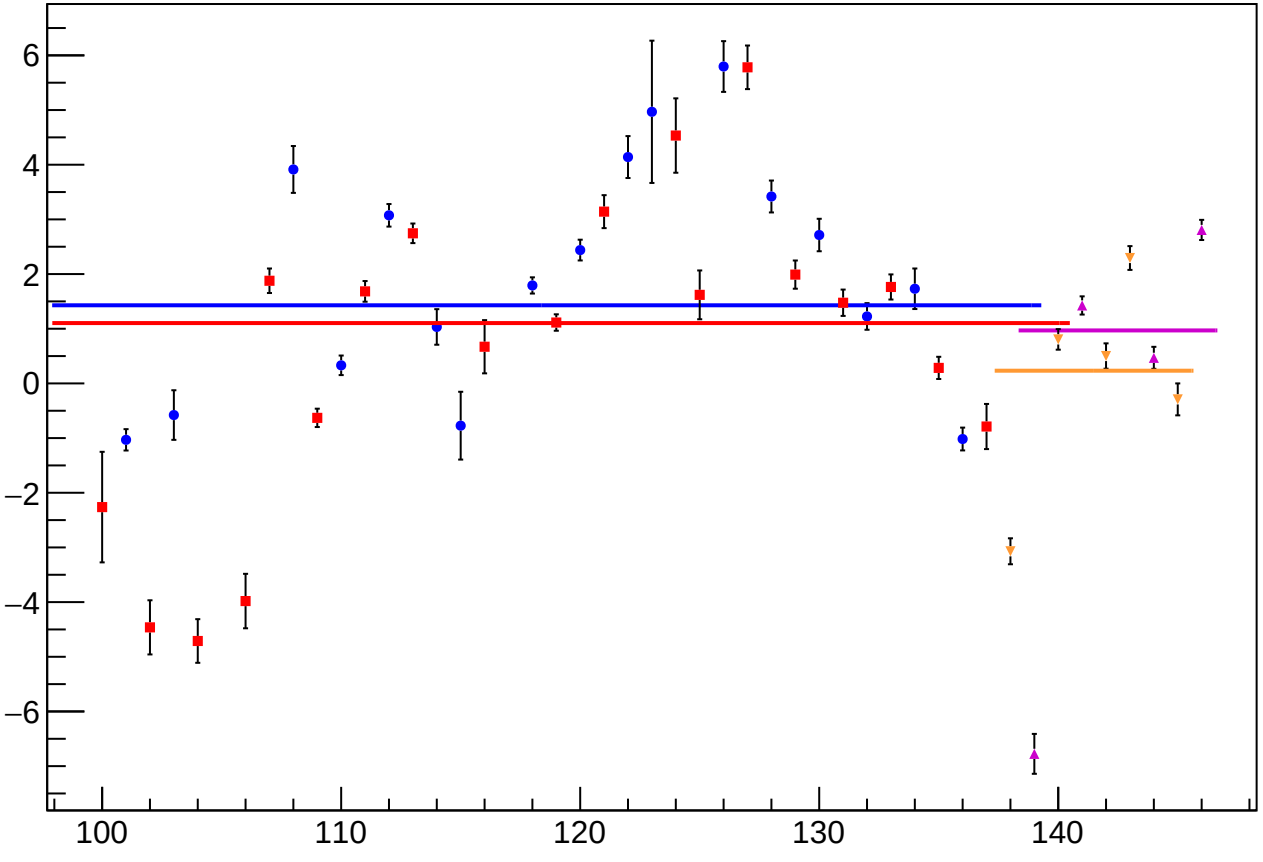
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.804+/-0.123 χ^2/NDF:23972.1/3

Out: -13.876+/-0.121 χ^2/NDF:3047.9/4

All: -16.288+/-0.086 χ^2/NDF: 27836.8/8

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: 0.232+/-0.101 χ^2/NDF:297.0/4

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 0.969+/-0.101 χ^2/NDF:563.7/3

Left: 0.601+/-0.072 χ^2/NDF: 887.1/8

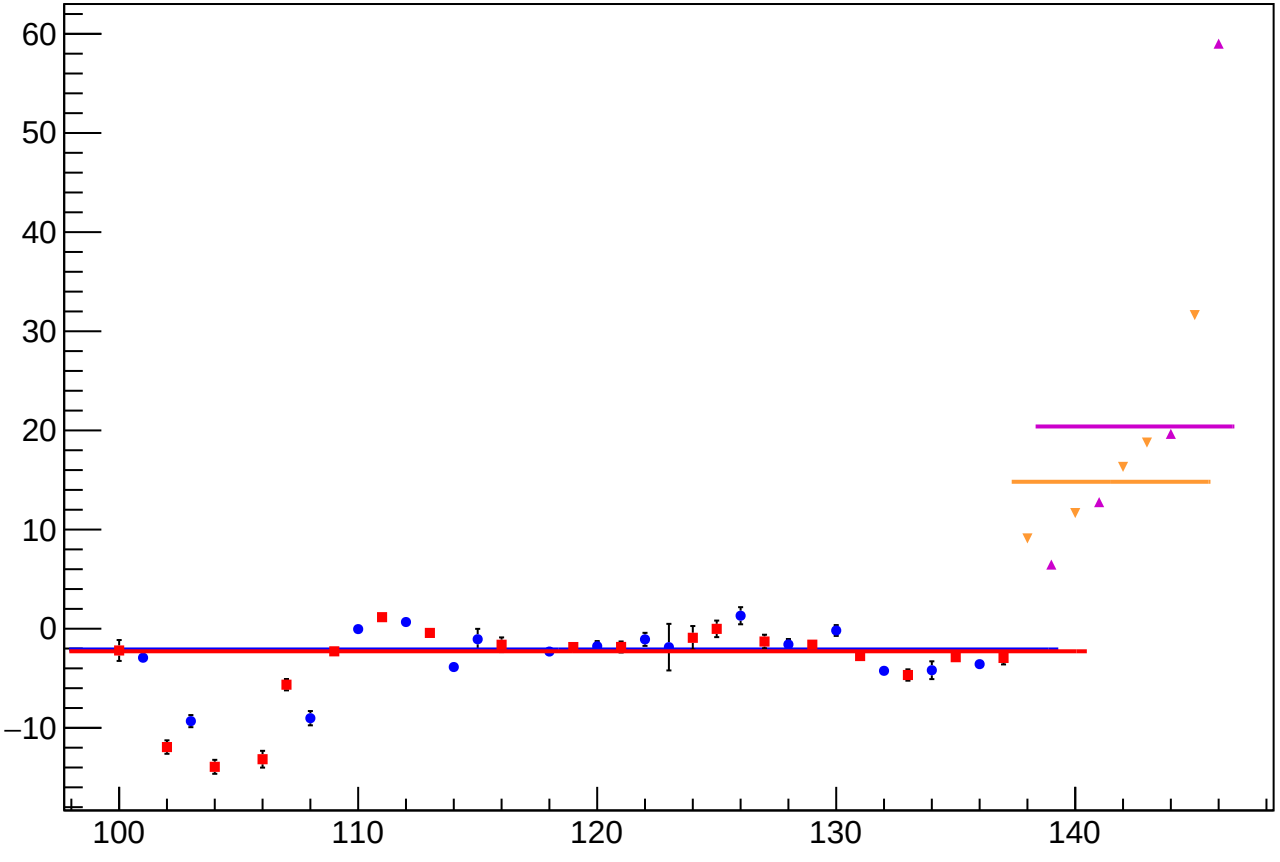
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.303+/-0.053 χ^2/NDF:1290.2/20

Out: 0.881+/-0.051 χ^2/NDF:1288.6/23

All: 1.085+/-0.037 χ^2/NDF: 2611.5/44

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: 14.821+/-0.129 χ^2/NDF:3020.9/4

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 20.398+/-0.130 χ^2/NDF:21517.1/3

Left: 17.604+/-0.092 χ^2/NDF: 25465.7/8

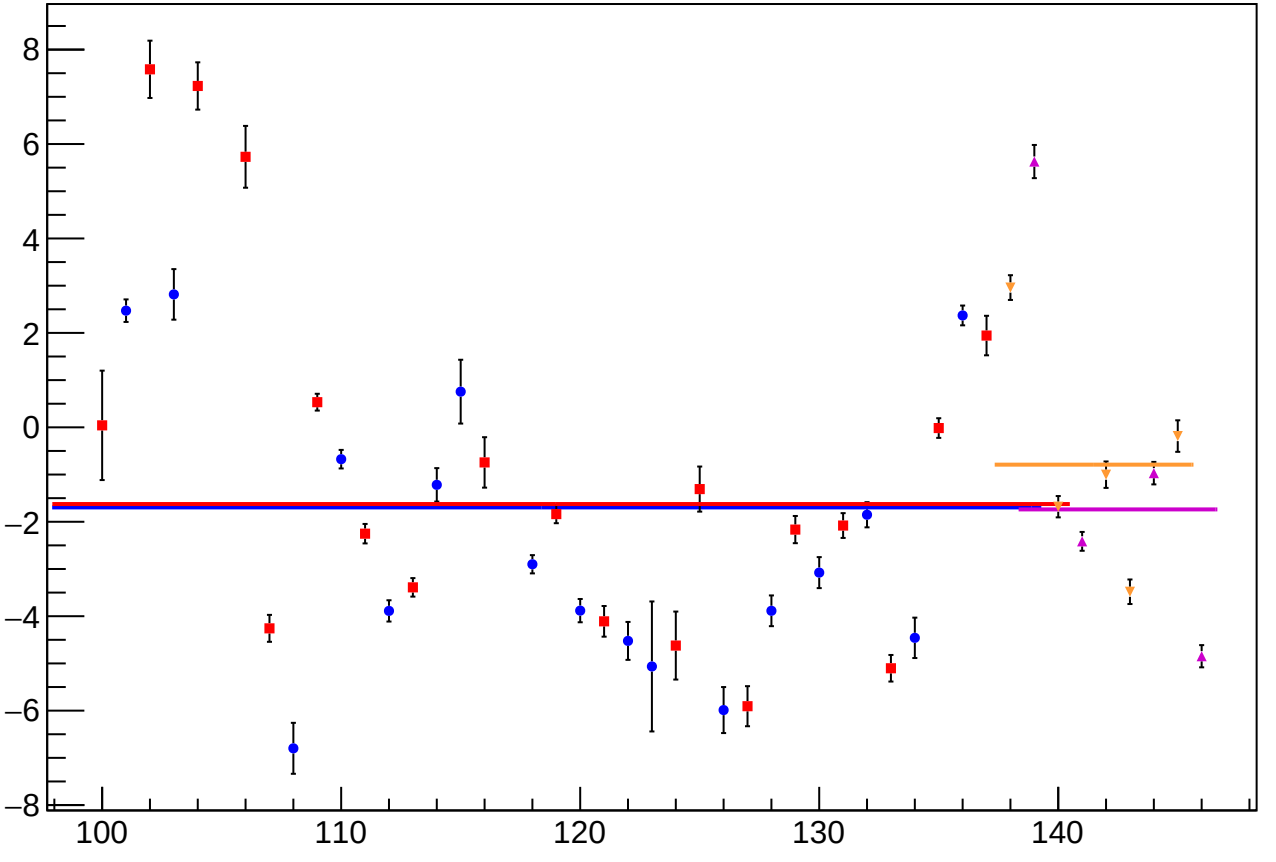
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 7.580+/-0.085 χ^2/NDF:39167.7/20

Out: 4.199+/-0.080 χ^2/NDF:14793.1/23

All: 5.779+/-0.058 χ^2/NDF: 54803.8/44

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: -0.790+/-0.119 χ^2/NDF:331.4/4

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -1.738+/-0.120 χ^2/NDF:635.8/3

Left: -1.258+/-0.085 χ^2/NDF: 998.6/8

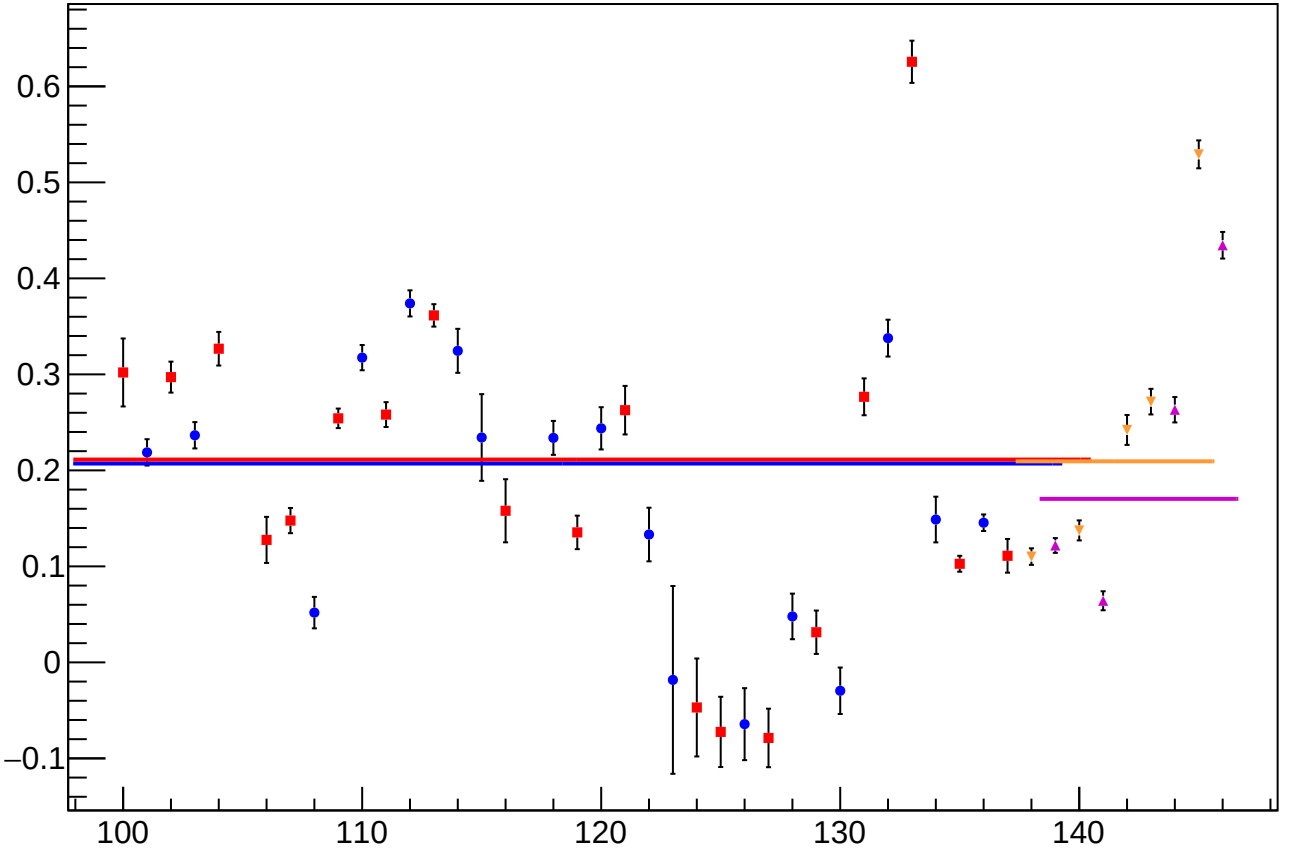
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -1.707+/-0.062 χ^2/NDF:1969.2/20

Out: -1.424+/-0.058 χ^2/NDF:1836.1/23

All: -1.558+/-0.042 χ^2/NDF: 3816.5/44

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: 0.209+/-0.005 χ^2/NDF:689.4/4

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.170+/-0.005 χ^2/NDF:566.7/3

Left: 0.190+/-0.004 χ^2/NDF: 1284.7/8

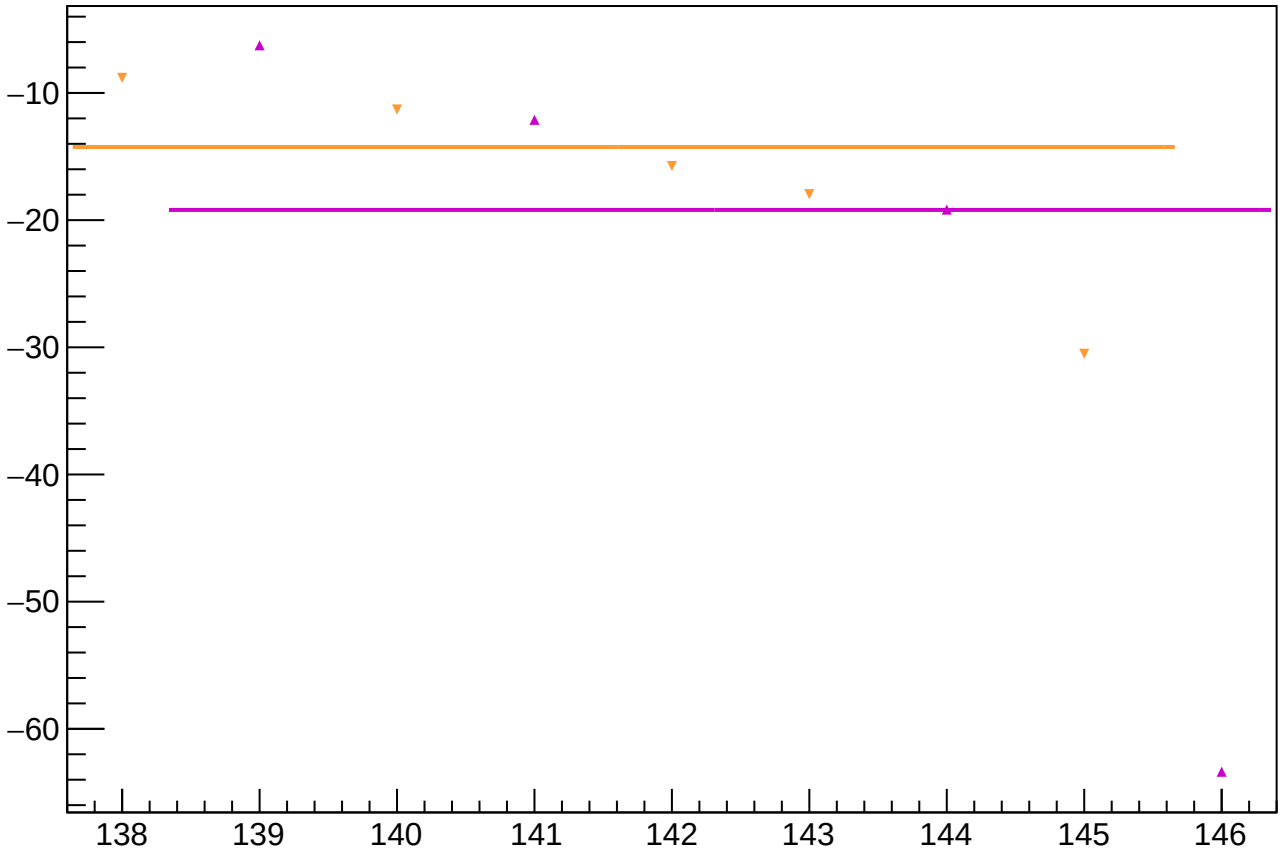
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.192+/-0.003 χ^2/NDF:1253.7/20

Out: 0.211+/-0.003 χ^2/NDF:1835.1/23

All: 0.202+/-0.002 χ^2/NDF: 3105.7/44

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: -14.251+/-0.123 χ^2/NDF:3036.5/4

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

Left In: -19.197+/-0.126 χ^2/NDF:23921.8/3

Left: -16.677+/-0.088 χ^2/NDF: 27747.8/8

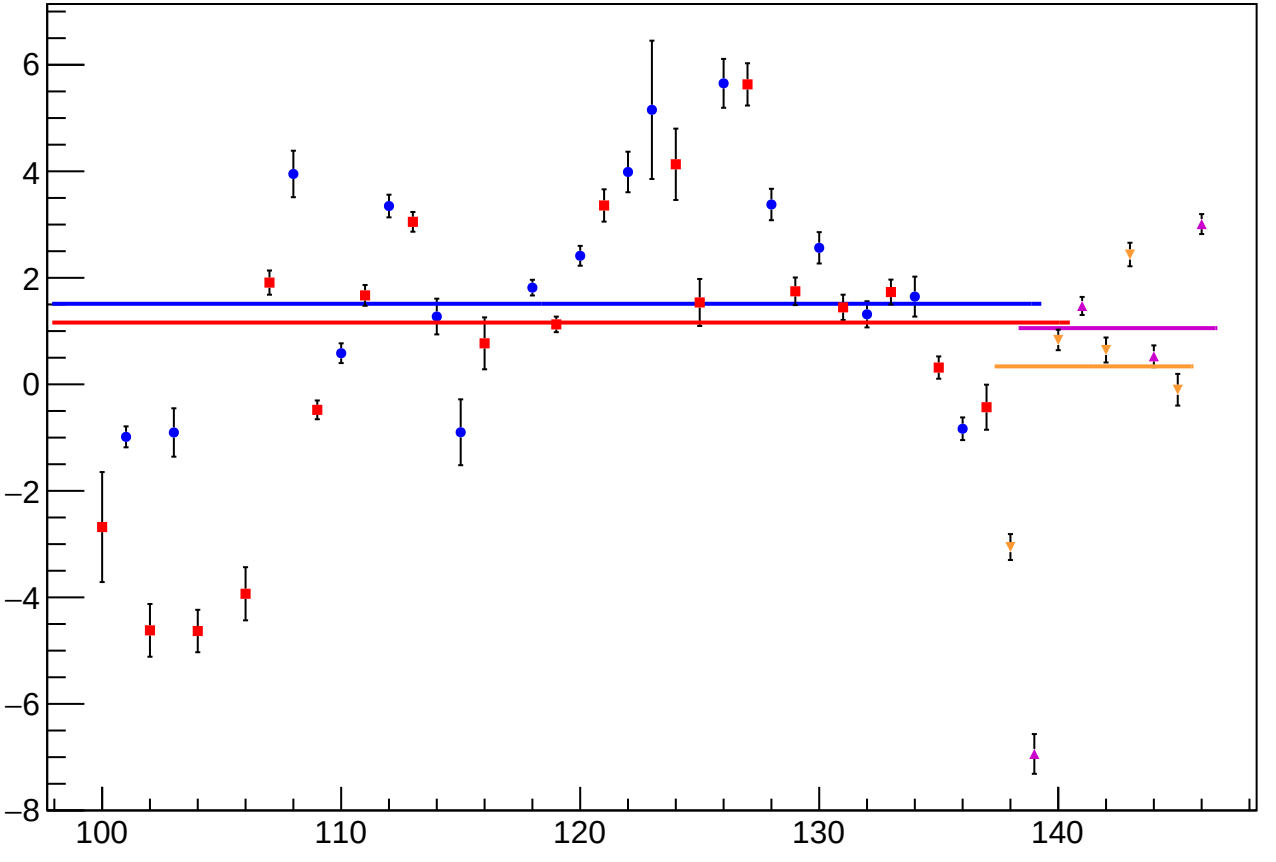
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.197+/-0.126 χ^2/NDF:23921.8/3

Out: -14.251+/-0.123 χ^2/NDF:3036.5/4

All: -16.677+/-0.088 χ^2/NDF: 27747.8/8

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: 0.337+/-0.103 χ^2/NDF:295.3/4

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.056+/-0.103 χ^2/NDF:581.0/3

Left: 0.697+/-0.073 χ^2/NDF: 900.6/8

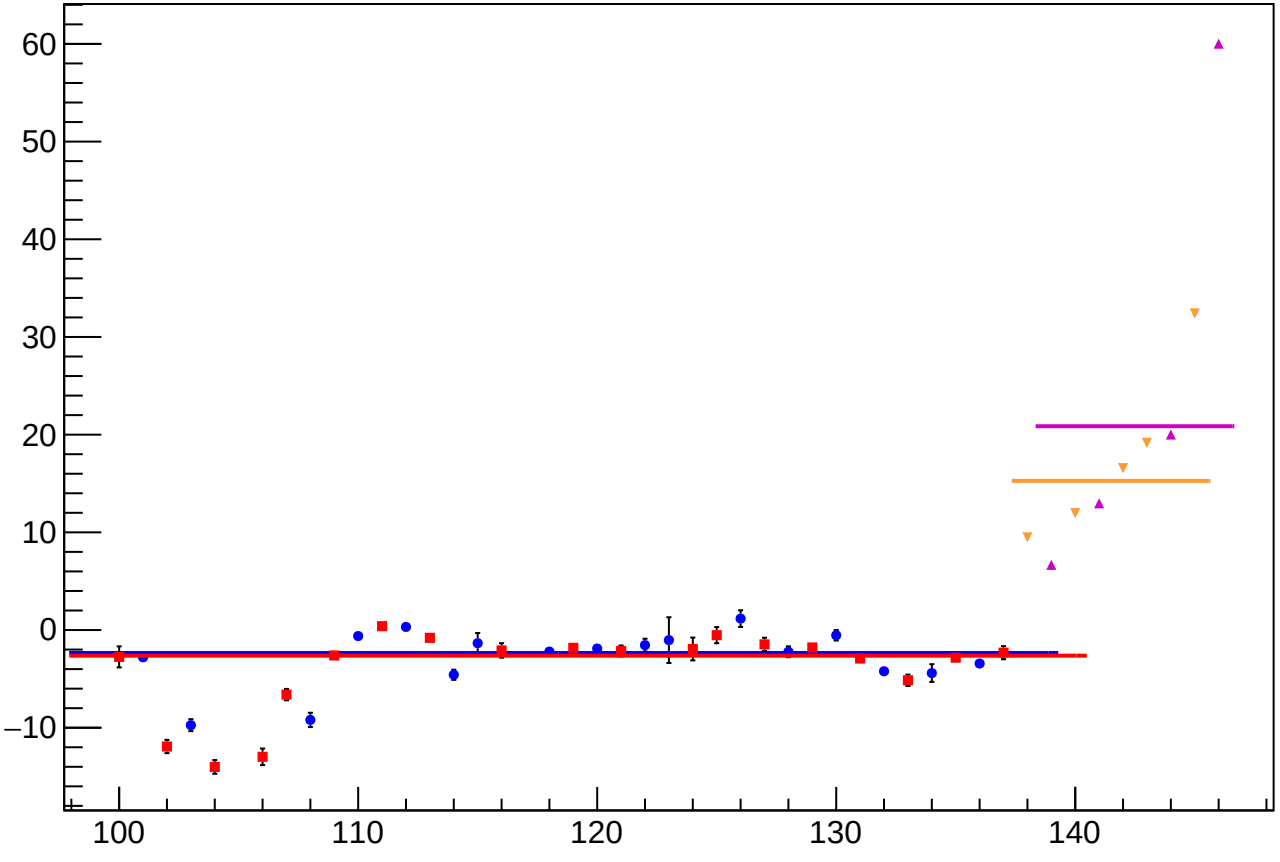
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.389+/-0.054 χ^2/NDF:1265.1/20

Out: 0.952+/-0.052 χ^2/NDF:1259.8/23

All: 1.164+/-0.037 χ^2/NDF: 2559.3/44

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: 15.268+/-0.132 χ^2/NDF:3009.0/4

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 20.862+/-0.132 χ^2/NDF:21455.7/3

Left: 18.064+/-0.093 χ^2/NDF: 25360.5/8

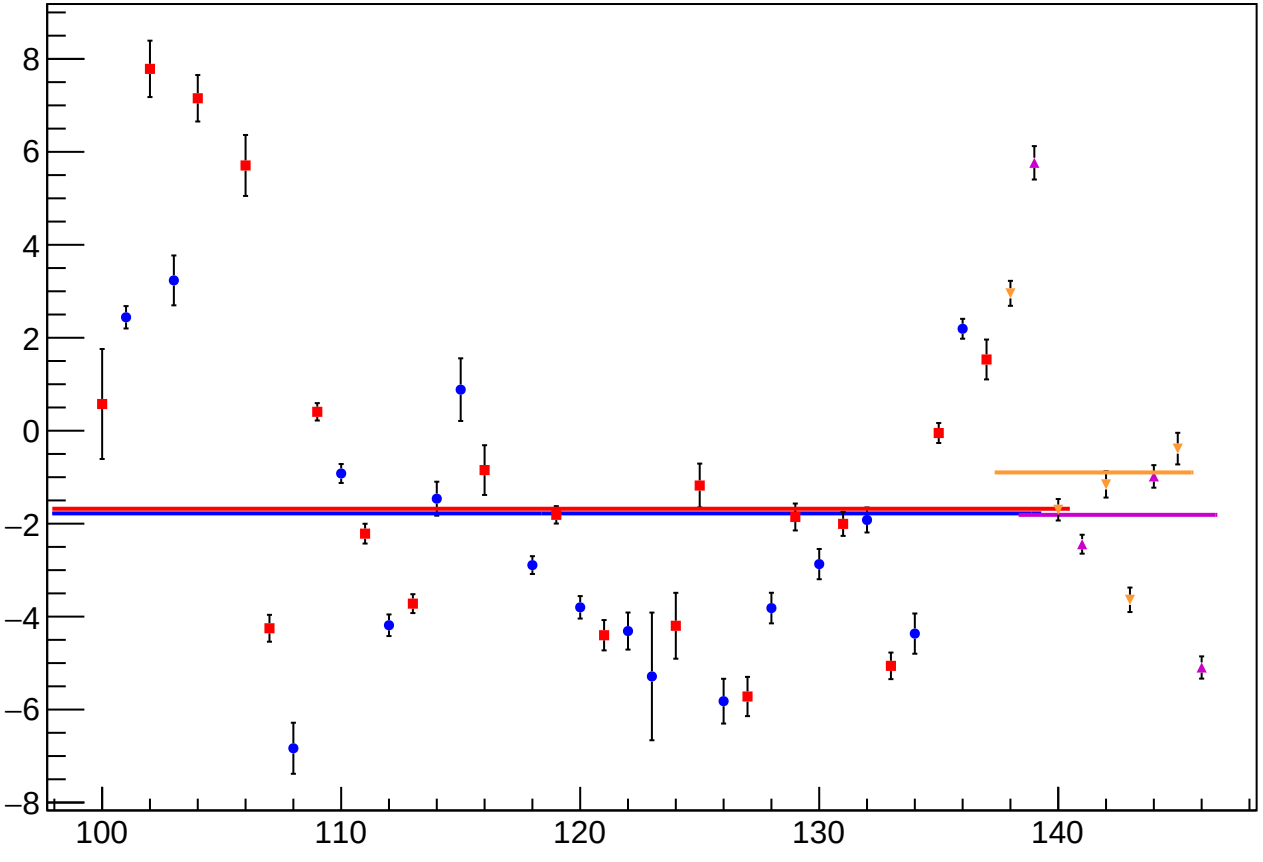
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 7.583+/-0.086 χ^2/NDF:39543.0/20

Out: 4.157+/-0.081 χ^2/NDF:15235.0/23

All: 5.766+/-0.059 χ^2/NDF: 55610.8/44

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: -0.898+/-0.121 χ^2/NDF:328.6/4

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -1.810+/-0.123 χ^2/NDF:654.4/3

Left: -1.348+/-0.086 χ^2/NDF: 1011.0/8

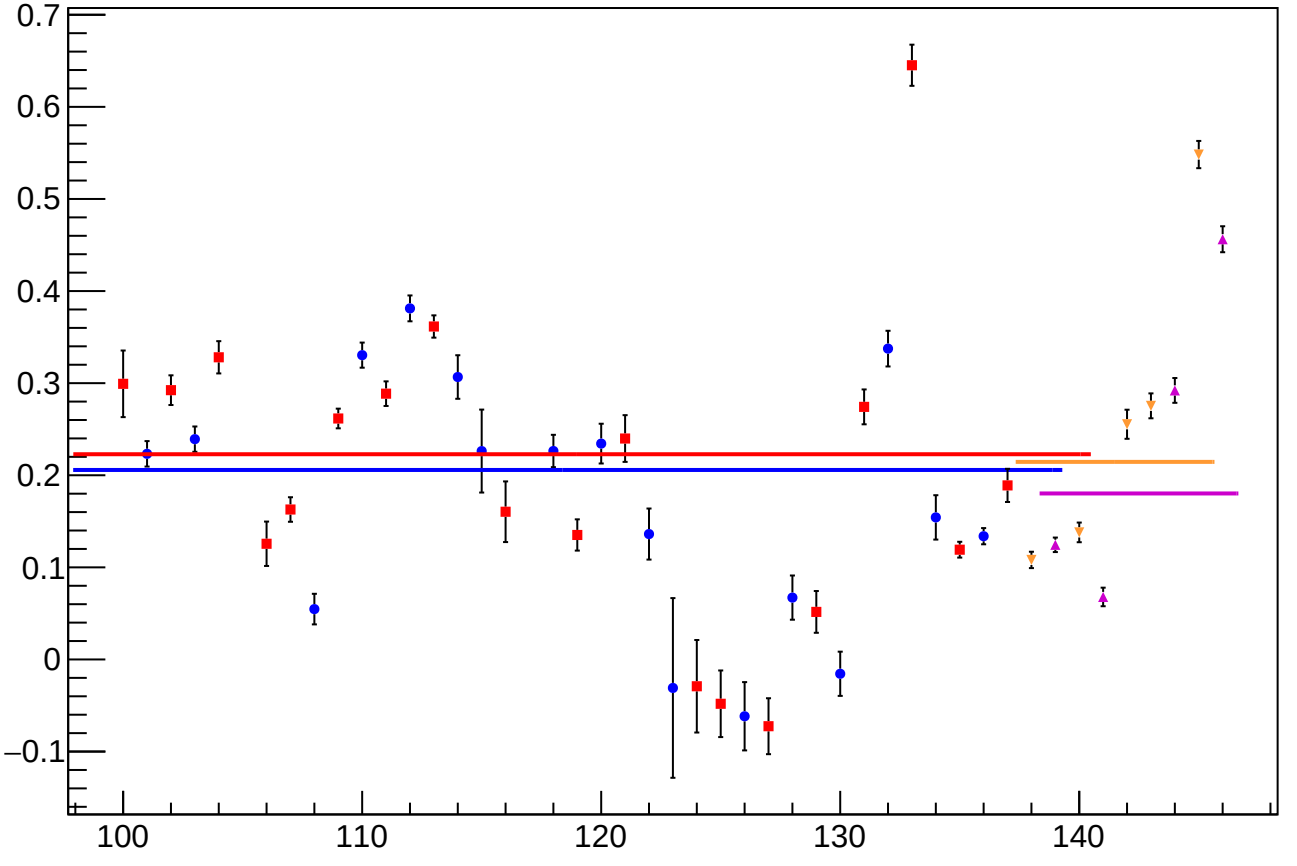
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -1.787+/-0.062 χ^2/NDF:1926.5/20

Out: -1.492+/-0.059 χ^2/NDF:1789.8/23

All: -1.632+/-0.043 χ^2/NDF: 3728.1/44

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: 0.215+/-0.005 χ^2/NDF:731.0/4

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.180+/-0.005 χ^2/NDF:626.8/3

Left: 0.197+/-0.004 χ^2/NDF: 1379.0/8

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.196+/-0.003 χ^2/NDF:1292.9/20

Out: 0.220+/-0.003 χ^2/NDF:1774.8/23

All: 0.209+/-0.002 χ^2/NDF: 3096.6/44