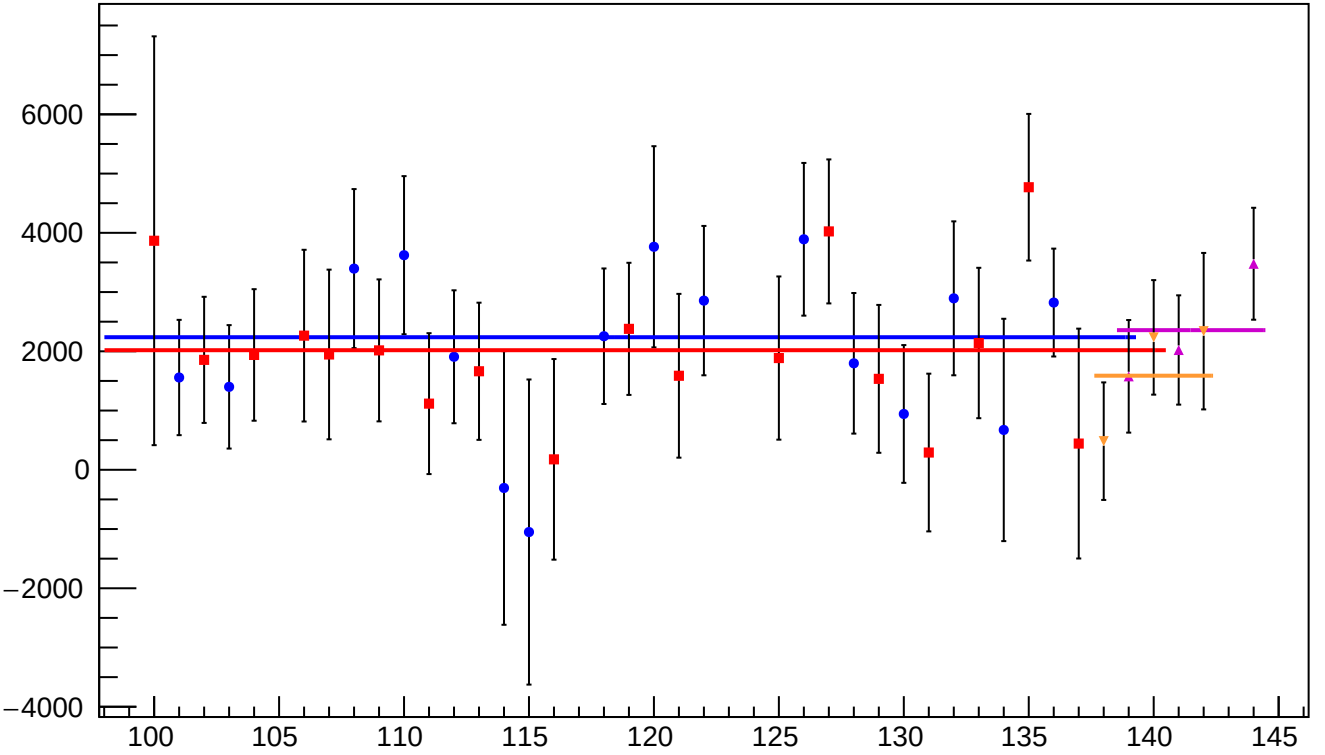
dit_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1588.384+/-613.210 χ^2/NDF:2.0/2

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

Left In: 2357.160+/-542.094 χ^2/NDF:2.2/2

Left: 2019.916+/-406.145 χ^2/NDF: 5.1/5

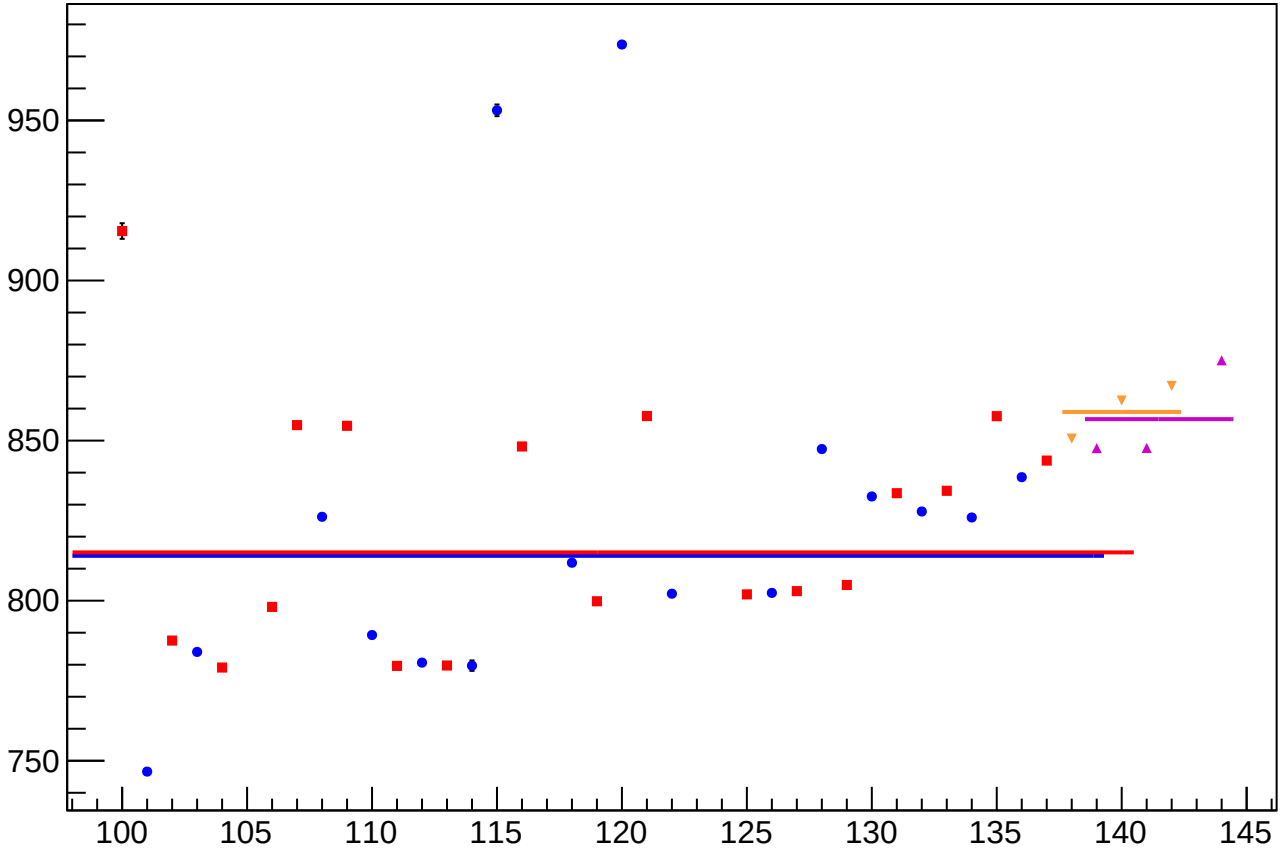
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2267.974+/-272.126 χ^2/NDF:13.6/18

Out: 1931.787+/-275.491 χ^2/NDF:15.0/20

All: 2101.947+/-193.601 χ^2/NDF: 29.3/39

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 858.952+/-0.434 χ^2/NDF:244.0/2

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

Left In: 856.710+/-0.383 χ^2/NDF:1128.9/2

Left: 857.694+/-0.287 χ^2/NDF: 1387.9/5

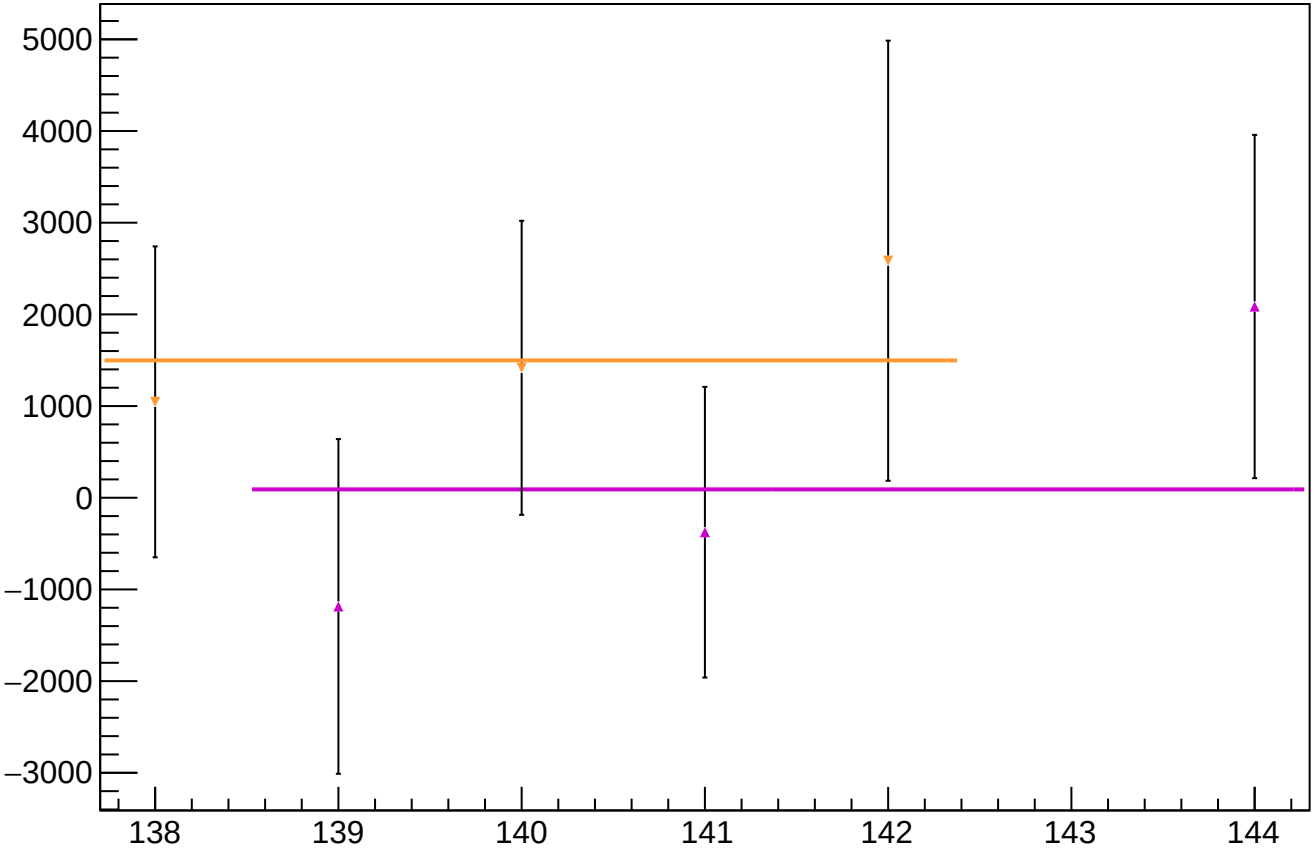
Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 824.778+/-0.192 χ^2/NDF:52447.8/18

Out: 823.938+/-0.195 χ^2/NDF:28372.9/20

All: 824.364+/-0.137 χ^2/NDF: 80830.1/39

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1498.173+/-1048.087 χ^2/NDF:0.3/2

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

Left In: 91.184+/-1008.330 χ^2/NDF:1.7/2

Left: 767.487+/-726.645 χ^2/NDF: 2.9/5

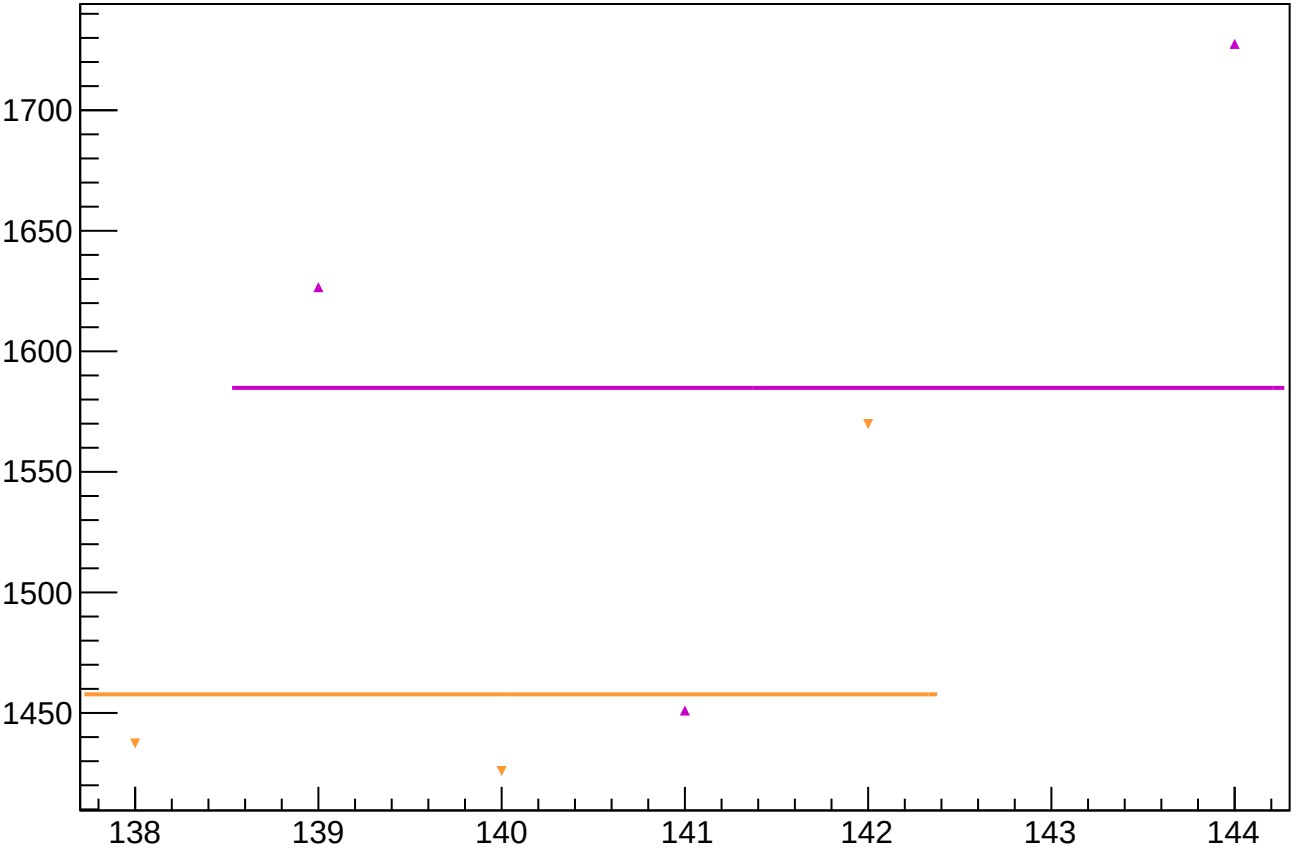
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.184+/-1008.330 χ^2/NDF:1.7/2

Out: 1498.173+/-1048.087 χ^2/NDF:0.3/2

All: 767.487+/-726.645 χ^2/NDF: 2.9/5

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1457.729+/-0.741 χ^2/NDF:5440.5/2

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

Left In: 1584.837+/-0.713 χ^2/NDF:26922.1/2

Left: 1523.739+/-0.514 χ^2/NDF: 47639.0/5

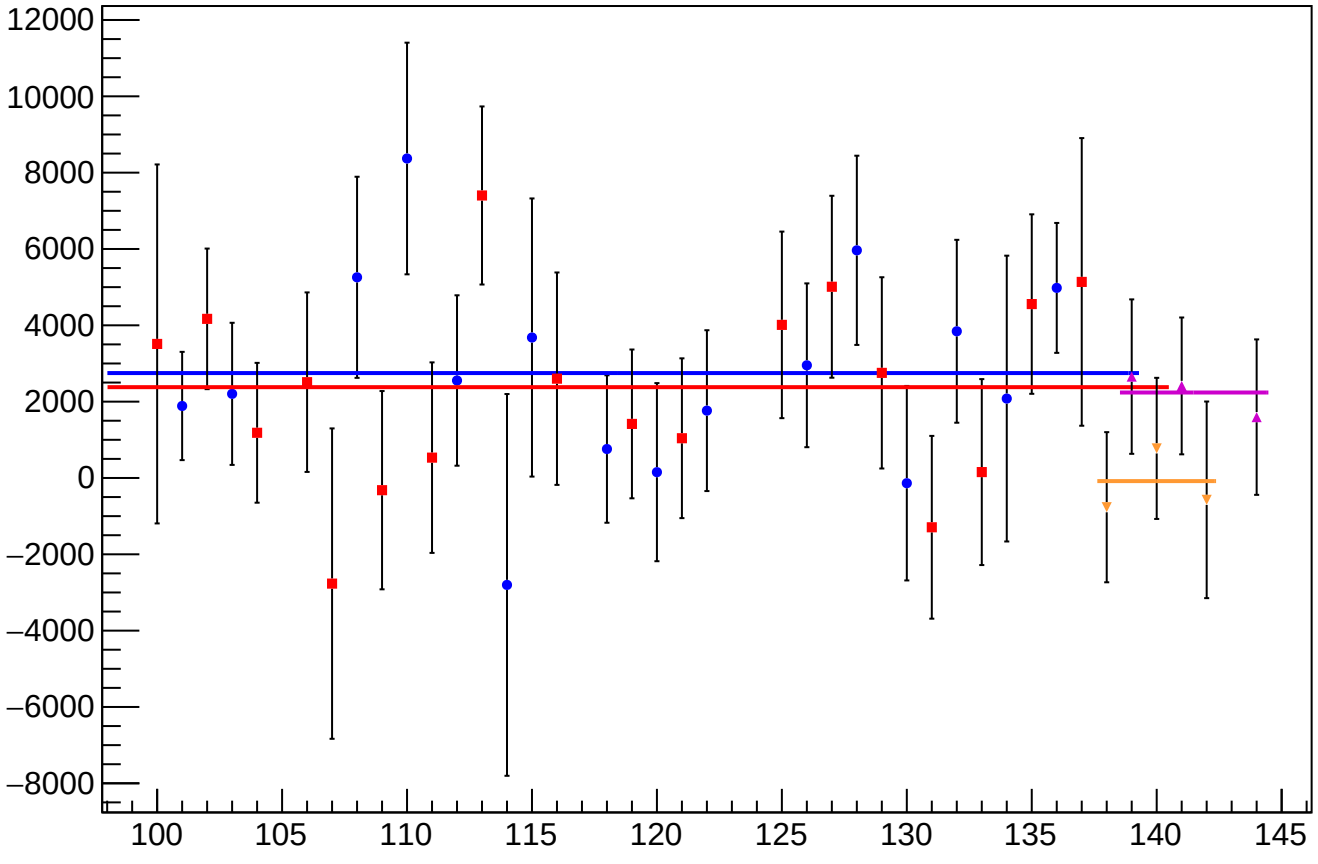
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1584.837+/-0.713 χ^2/NDF:26922.1/2

Out: 1457.729+/-0.741 χ^2/NDF:5440.5/2

All: 1523.739+/-0.514 χ^2/NDF: 47639.0/5

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: -81.974+/-1193.718 χ^2/NDF:0.4/2

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

Left In: 2239.398+/-1120.481 χ^2/NDF:0.2/2

Left: 1152.103+/-816.965 χ^2/NDF: 2.5/5

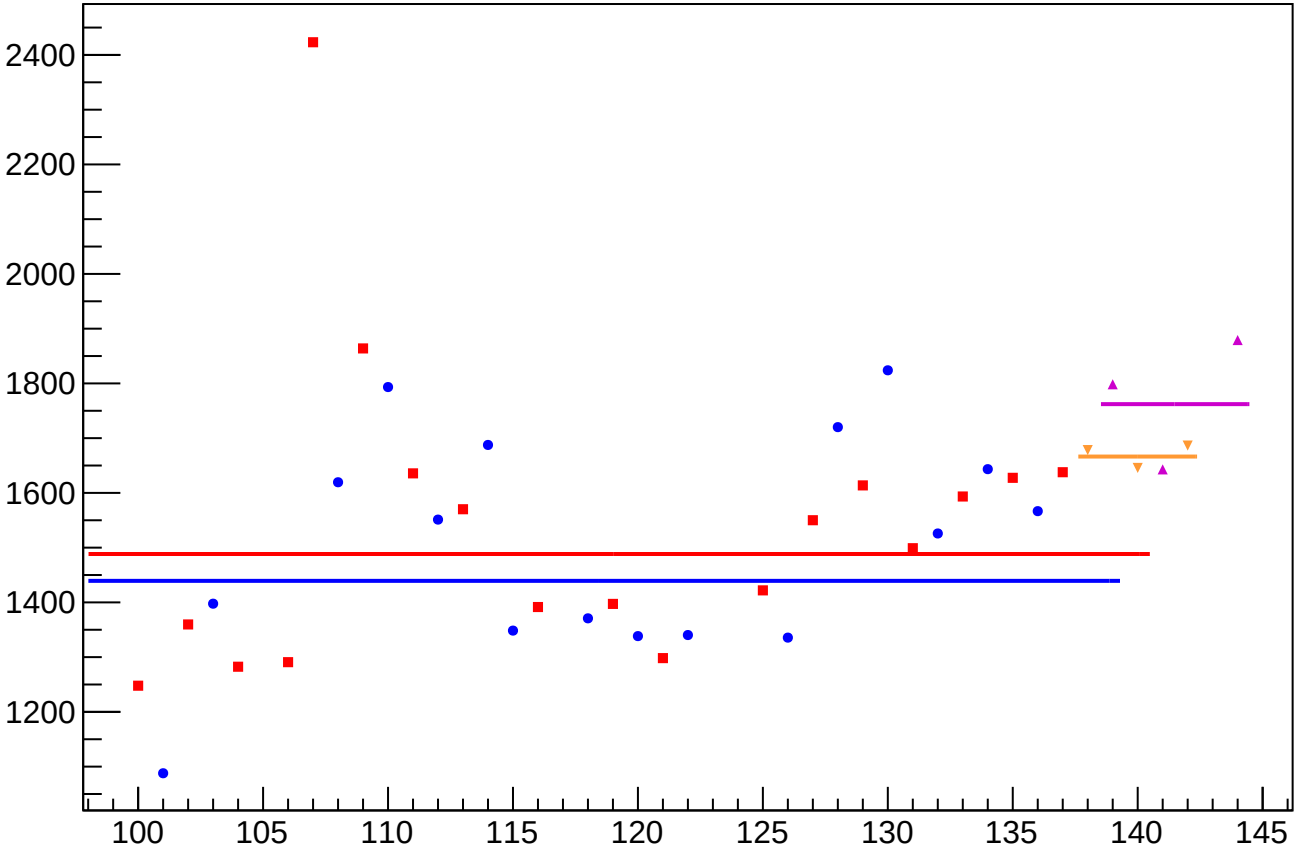
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2646.115+/-503.026 χ^2/NDF:13.9/18

Out: 1923.782+/-513.609 χ^2/NDF:20.1/20

All: 2292.468+/-359.376 χ^2/NDF: 34.9/39

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1666.396+/-0.844 χ^2/NDF:445.7/2

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

Left In: 1762.141+/-0.792 χ^2/NDF:16092.7/2

Left: 1717.296+/-0.578 χ^2/NDF: 23378.5/5

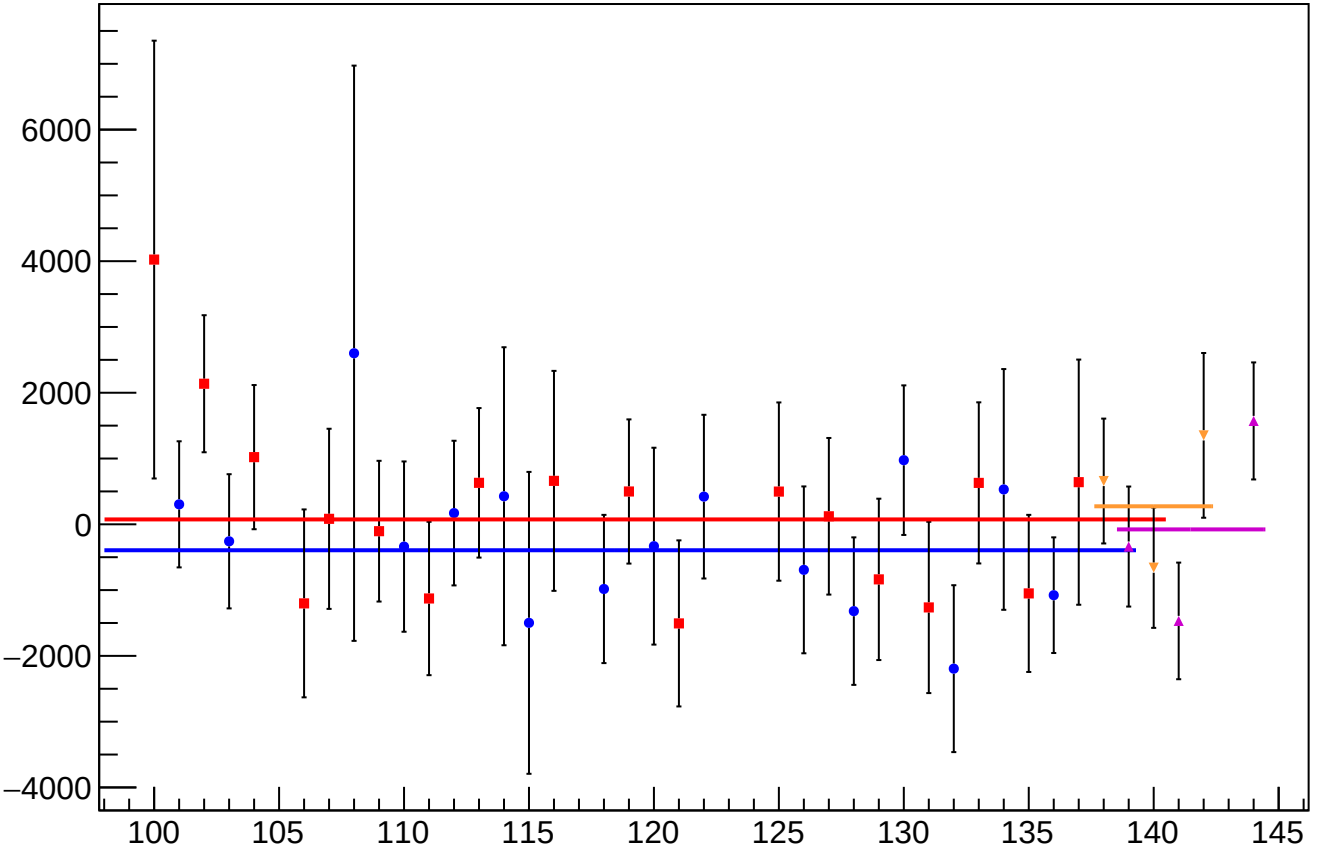
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1504.392+/-0.356 χ^2/NDF:426498.5/18

Out: 1521.338+/-0.363 χ^2/NDF:293012.9/20

All: 1512.689+/-0.254 χ^2/NDF: 720622.6/39

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 273.852+/-582.948 χ^2/NDF:1.9/2

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

Left In: -77.379+/-517.238 χ^2/NDF:6.0/2

Left: 77.333+/-386.898 χ^2/NDF: 8.1/5

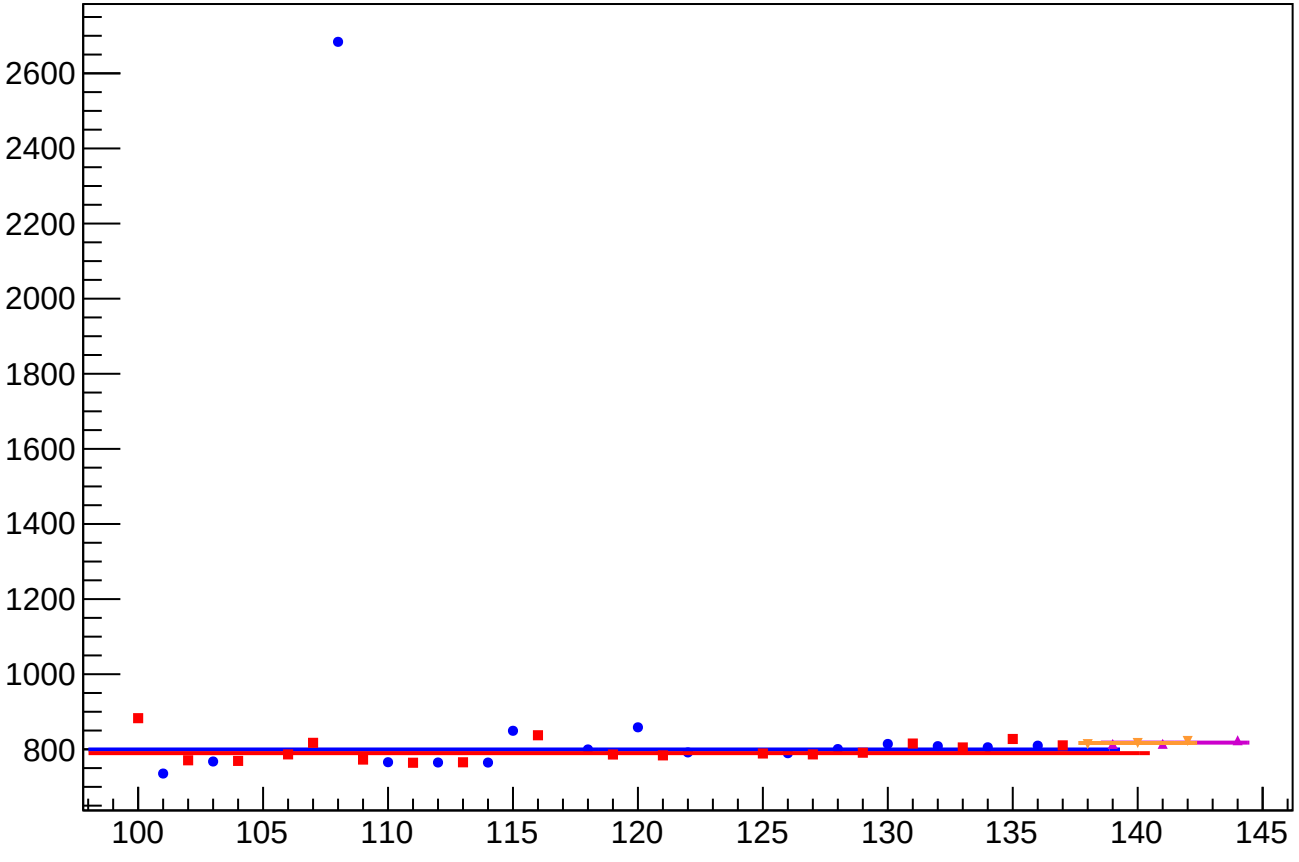
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -309.331+/-267.896 χ^2/NDF:13.7/18

Out: 115.722+/-265.621 χ^2/NDF:15.0/20

All: -94.993+/-188.622 χ^2/NDF: 29.9/39

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 816.835+/-0.412 χ^2/NDF:57.1/2

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

Left In: 817.833+/-0.366 χ^2/NDF:155.5/2

Left: 817.393+/-0.274 χ^2/NDF: 215.9/5

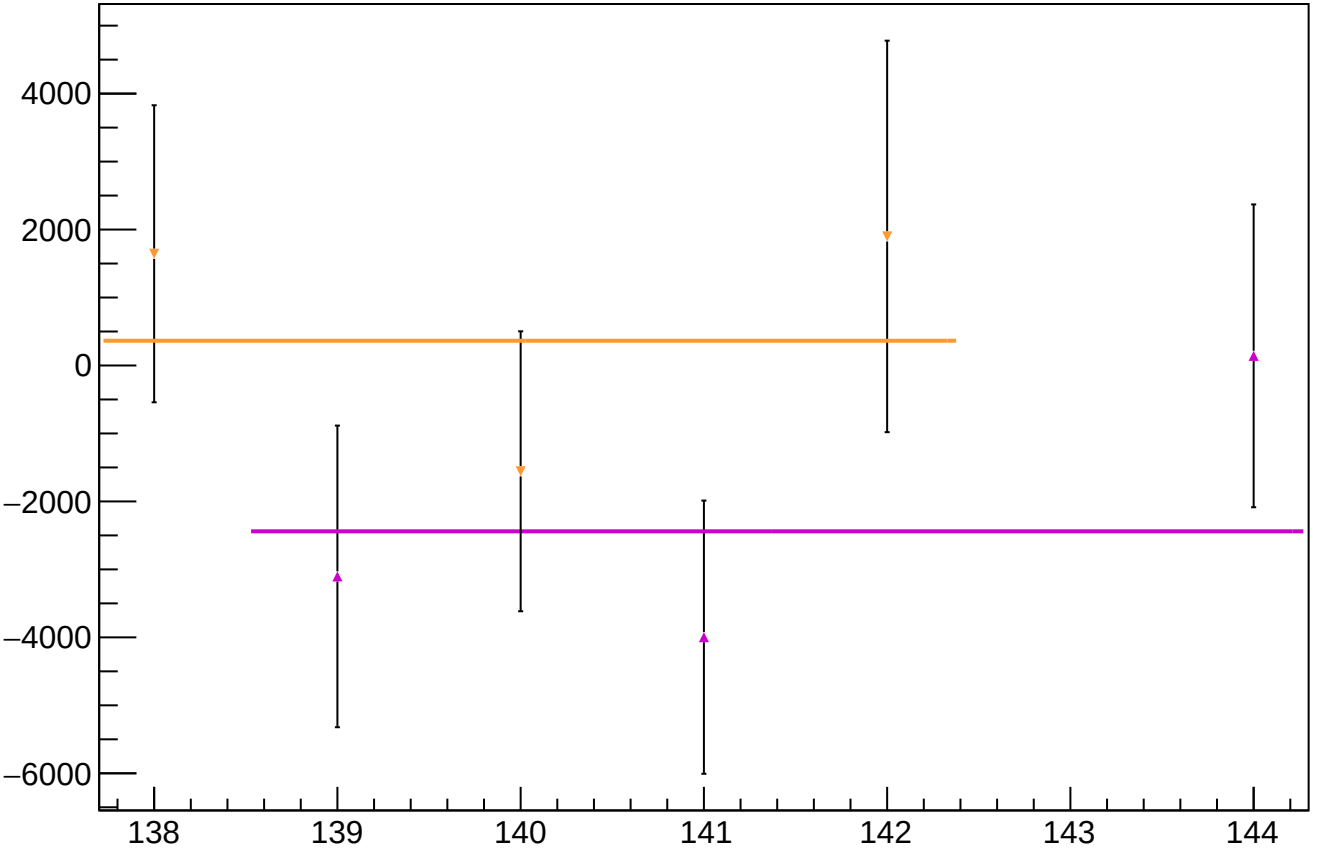
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 804.445+/-0.189 χ^2/NDF:393172.4/18

Out: 795.408+/-0.188 χ^2/NDF:14642.0/20

All: 799.888+/-0.133 χ^2/NDF: 408962.0/39

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 364.223+/-1329.483 χ^2/NDF:1.5/2

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

Left In: -2439.809+/-1238.310 χ^2/NDF:2.0/2

Left: -1137.228+/-906.136 χ^2/NDF: 5.9/5

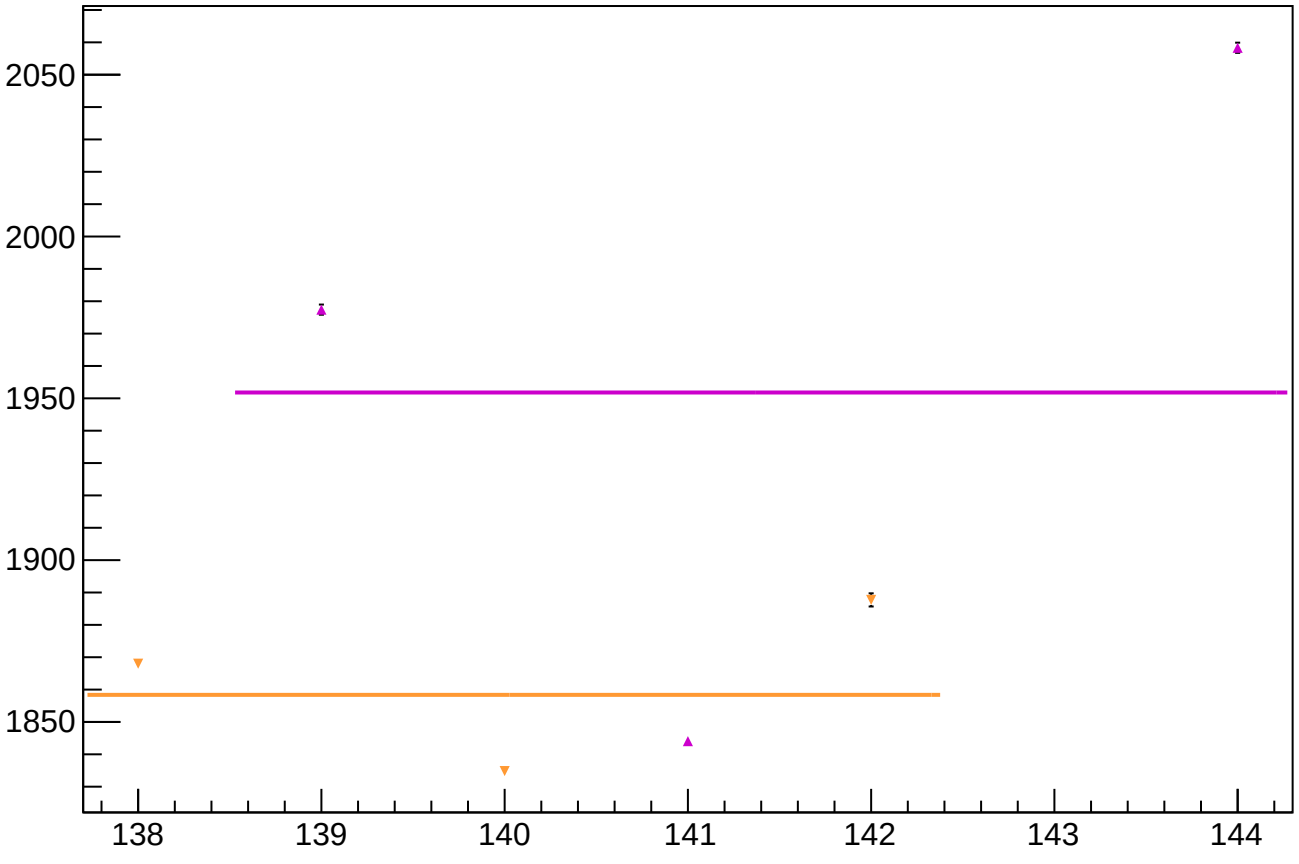
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2439.809+/-1238.310 χ^2/NDF:2.0/2

Out: 364.223+/-1329.483 χ^2/NDF:1.5/2

All: -1137.228+/-906.136 χ^2/NDF: 5.9/5

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1858.372+/-0.940 χ^2/NDF:508.1/2

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

Left In: 1951.803+/-0.876 χ^2/NDF:10585.2/2

Left: 1908.401+/-0.641 χ^2/NDF: 16382.2/5

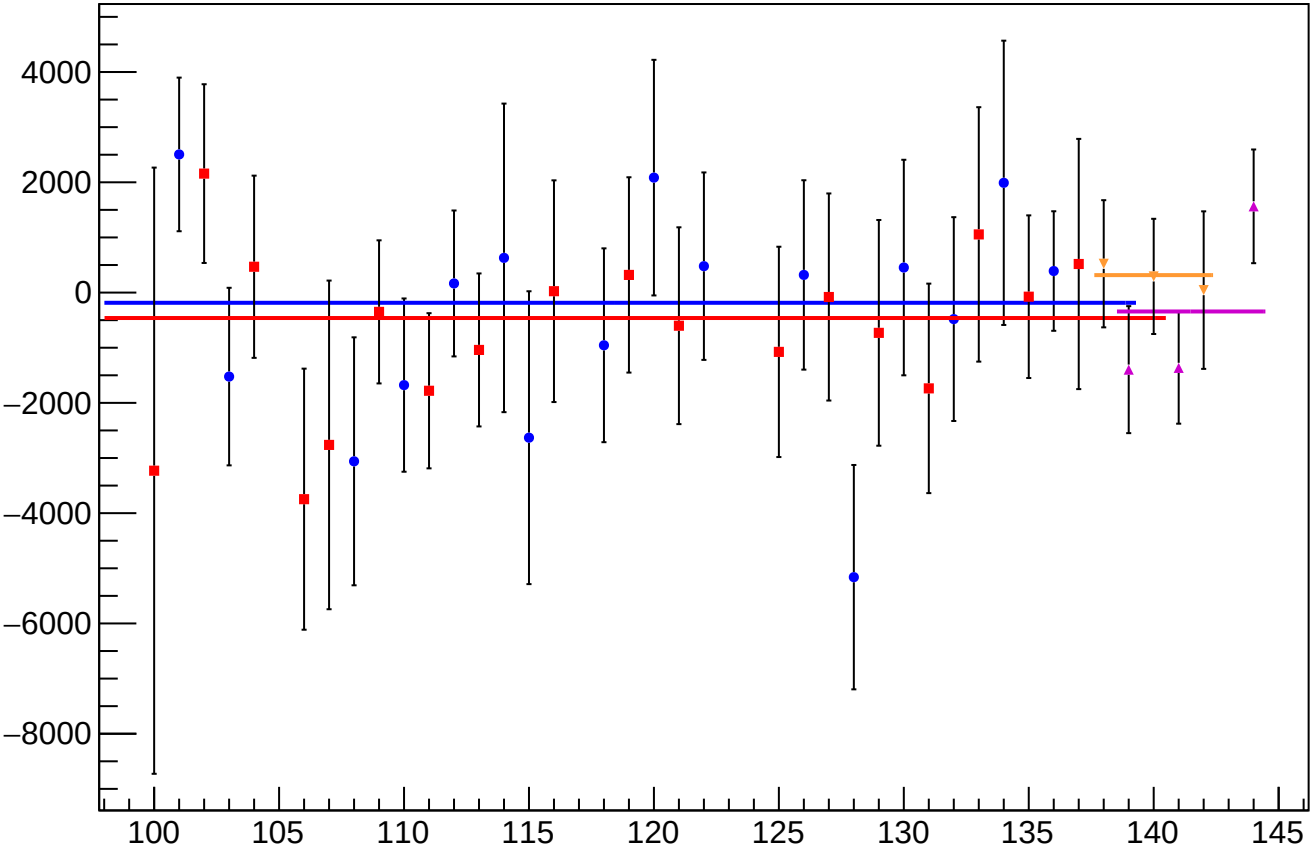
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1951.803+/-0.876 χ^2/NDF:10585.2/2

Out: 1858.372+/-0.940 χ^2/NDF:508.1/2

All: 1908.401+/-0.641 χ^2/NDF: 16382.2/5

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 316.821+/-680.646 χ^2/NDF:0.1/2

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

Left In: -342.649+/-611.854 χ^2/NDF:5.3/2

Left: -47.915+/-455.029 χ^2/NDF: 5.9/5

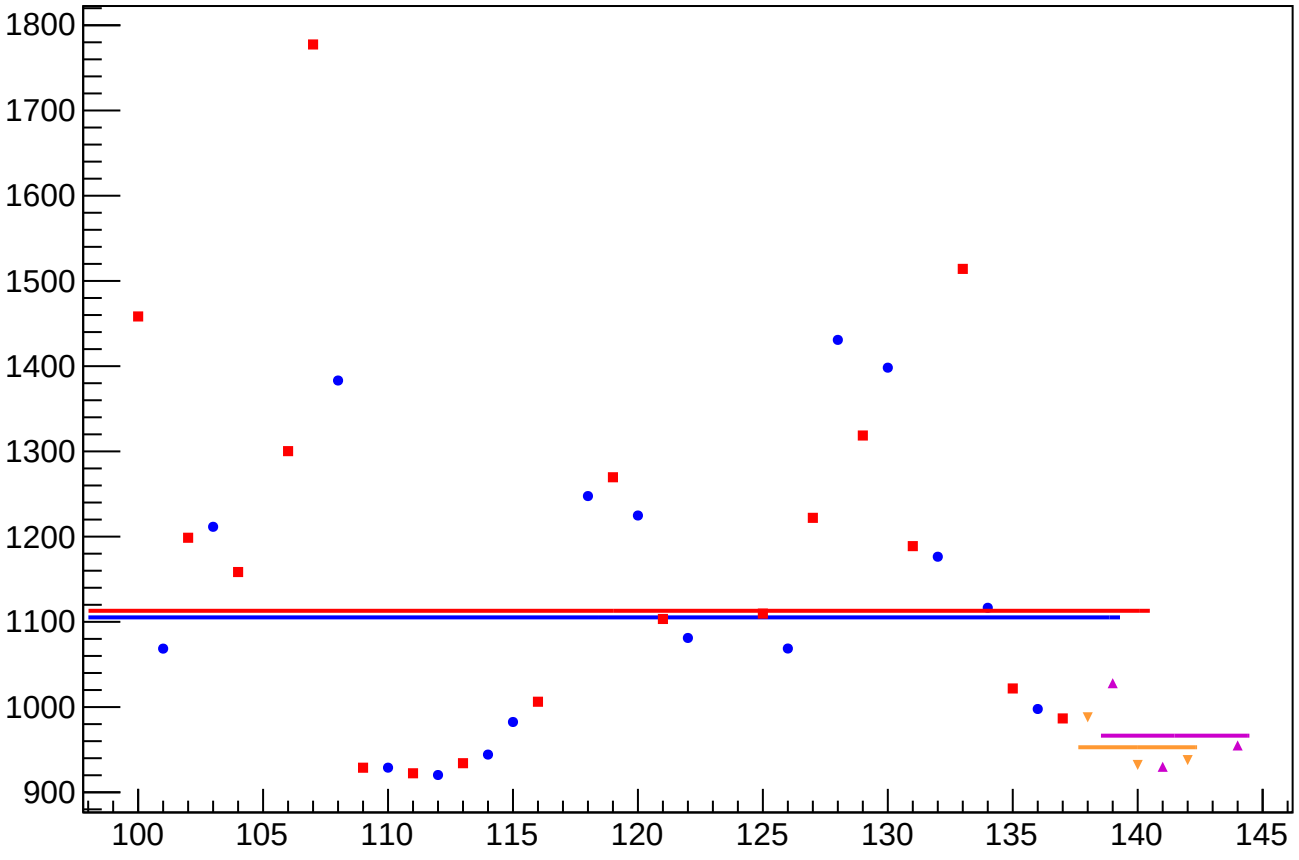
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -237.399+/-352.626 χ^2/NDF:22.0/18

Out: -241.572+/-361.665 χ^2/NDF:9.3/20

All: -239.433+/-252.480 χ^2/NDF: 31.3/39

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 952.851+/-0.481 χ^2/NDF:2868.7/2

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

Left In: 966.451+/-0.433 χ^2/NDF:8565.5/2

Left: 960.373+/-0.322 χ^2/NDF: 11875.8/5

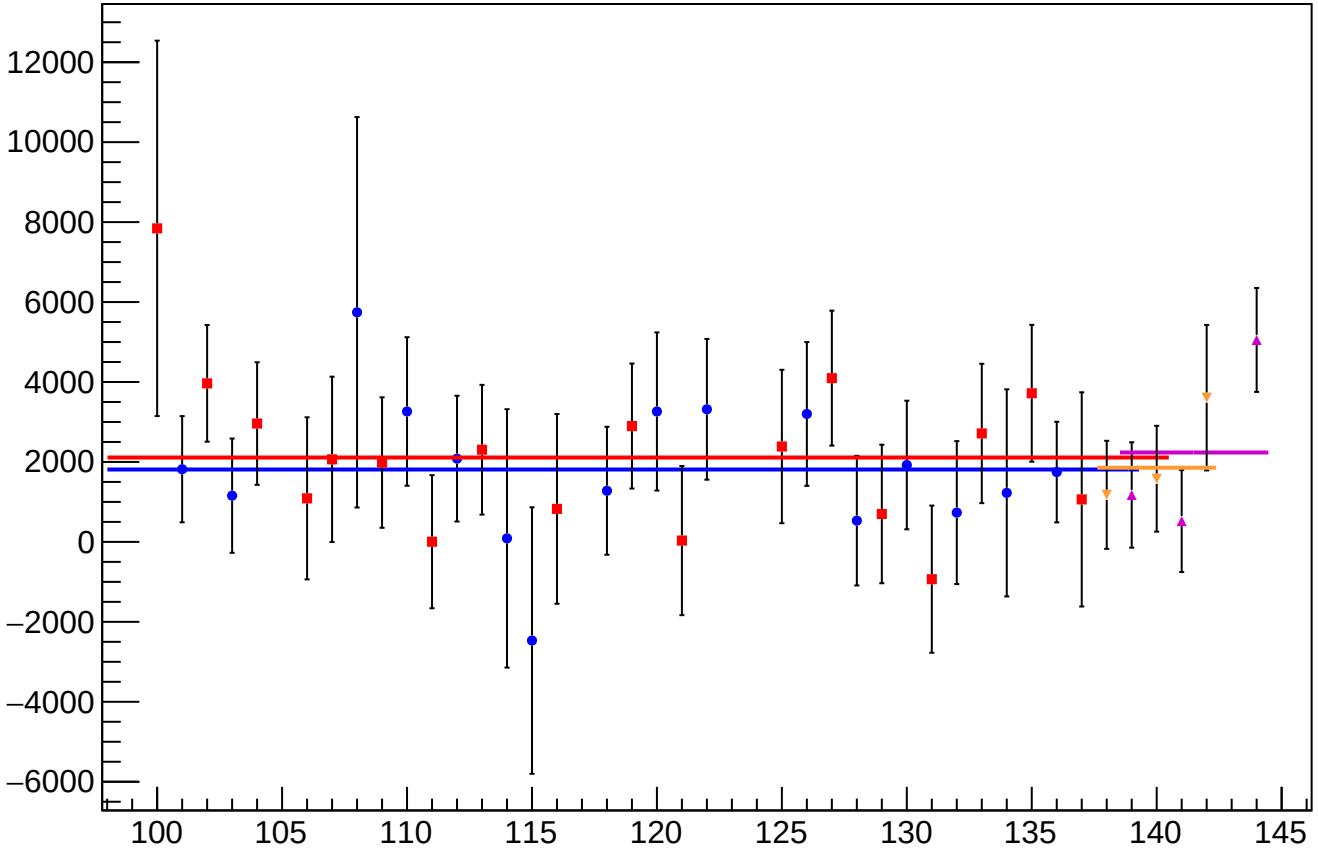
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 1059.138+/-0.249 χ^2/NDF:332654.1/18

Out: 1067.765+/-0.256 χ^2/NDF:445299.4/20

All: 1063.342+/-0.179 χ^2/NDF: 778536.9/39

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1855.950+/-839.208 χ^2/NDF:1.2/2

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

Left In: 2236.596+/-749.353 χ^2/NDF:7.1/2

Left: 2067.735+/-558.951 χ^2/NDF: 8.5/5

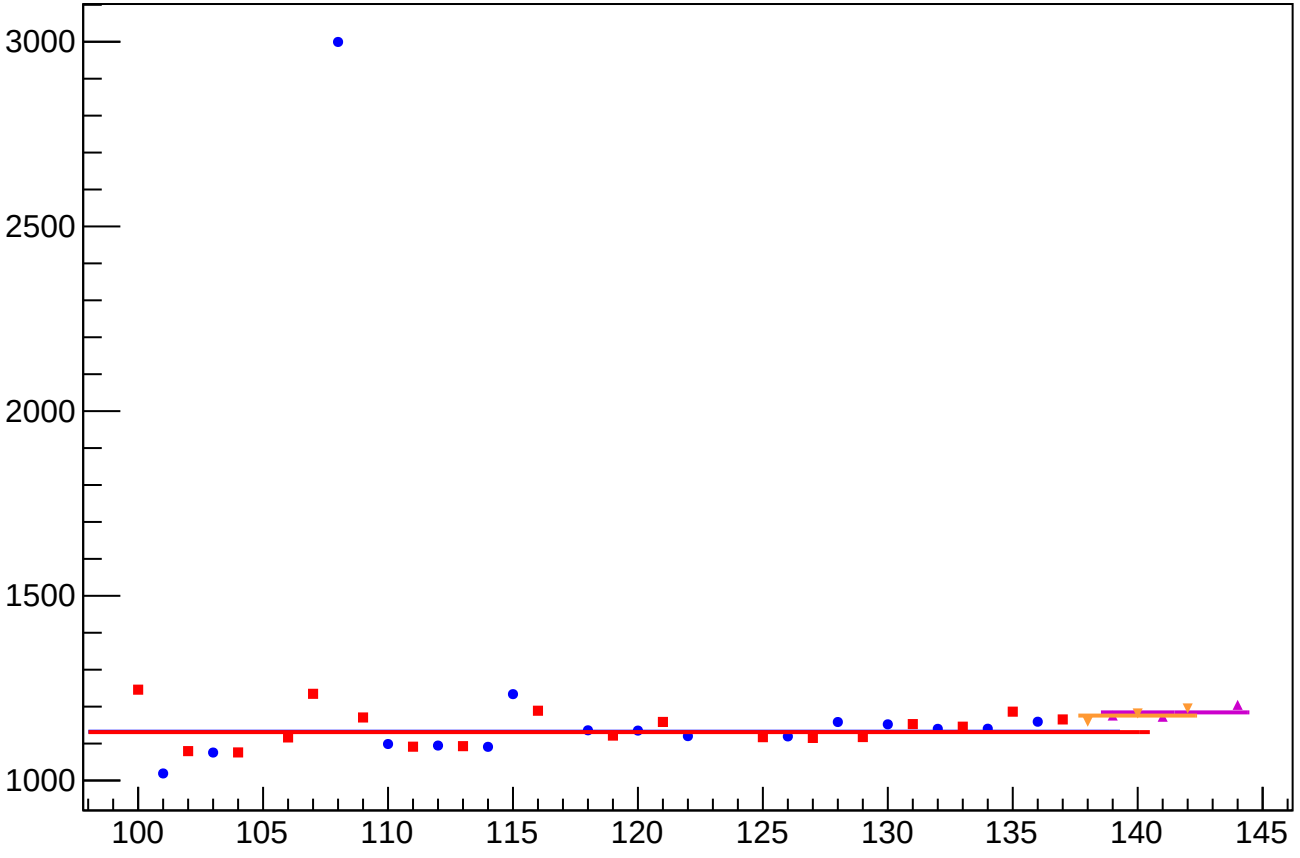
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1920.944+/-380.798 χ^2/NDF:13.8/18

Out: 2058.420+/-381.048 χ^2/NDF:14.3/20

All: 1989.637+/-269.353 χ^2/NDF: 28.2/39

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1175.750+/-0.593 χ^2/NDF:563.9/2

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

Left In: 1184.383+/-0.530 χ^2/NDF:747.2/2

Left: 1180.553+/-0.395 χ^2/NDF: 1428.8/5

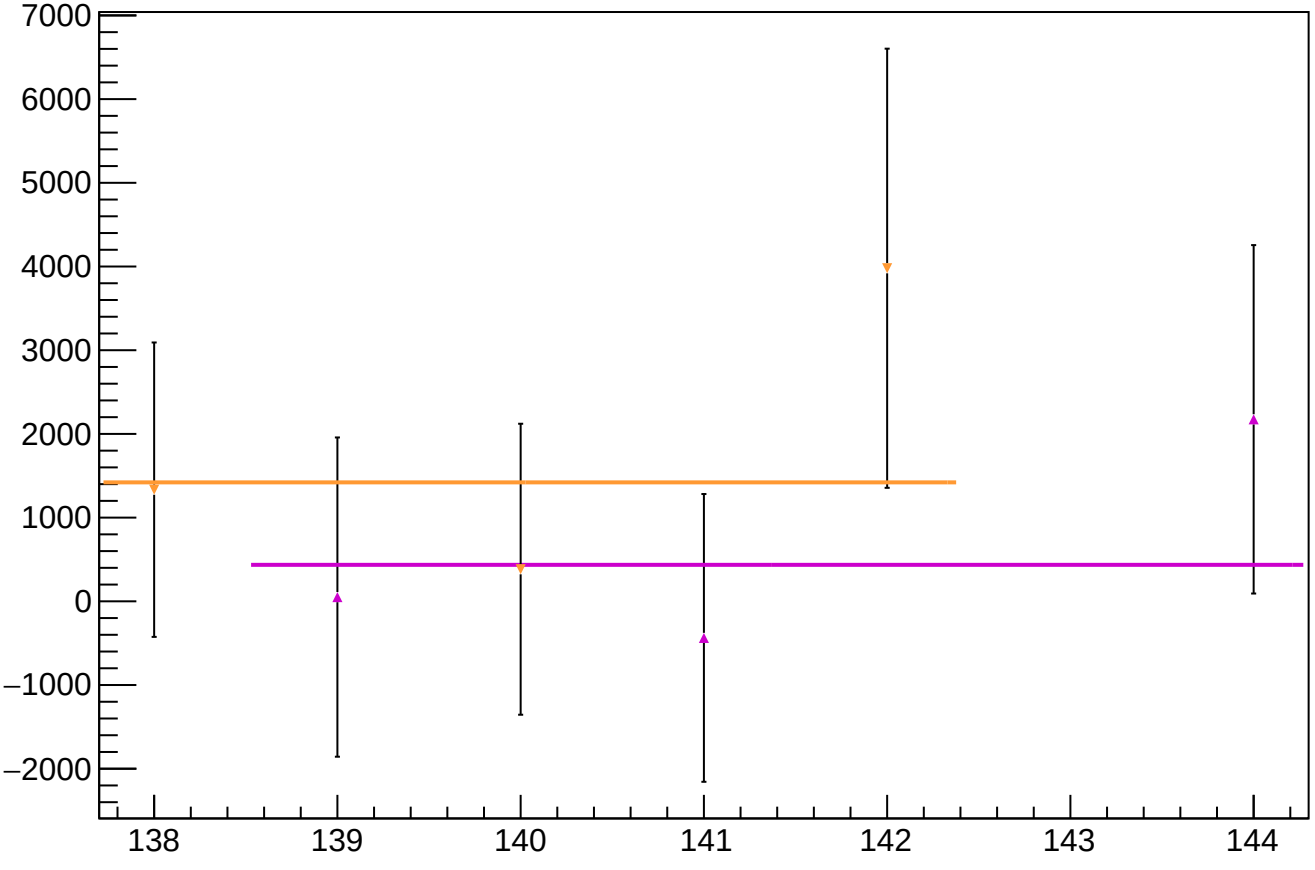
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1145.582+/-0.269 χ^2/NDF:324002.2/18

Out: 1140.239+/-0.269 χ^2/NDF:24794.2/20

All: 1142.912+/-0.190 χ^2/NDF: 348993.2/39

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 1421.048+/-1118.336 χ^2/NDF:1.3/2

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

Left In: 435.780+/-1088.419 χ^2/NDF:1.0/2

Left: 915.059+/-779.991 χ^2/NDF: 2.7/5

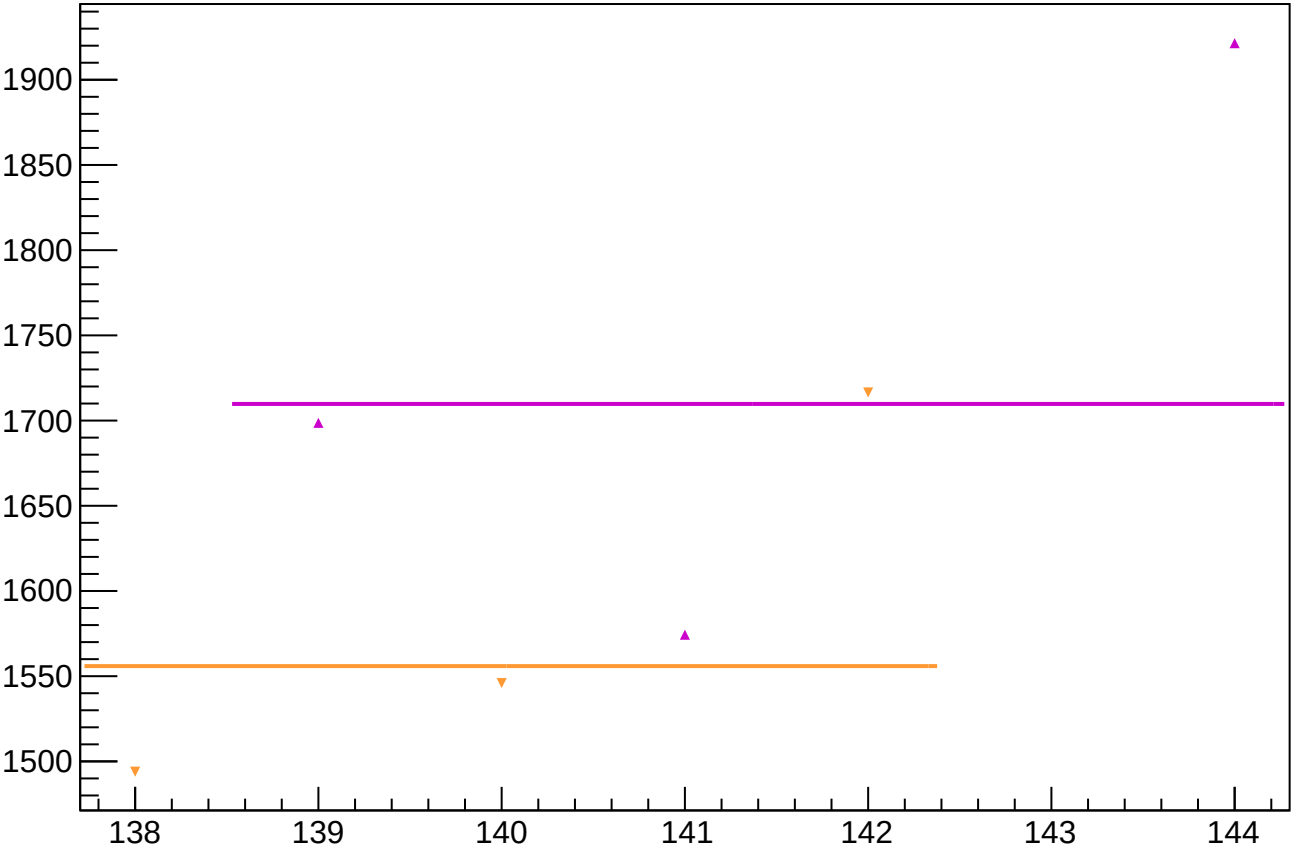
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 435.780+/-1088.419 χ^2/NDF:1.0/2

Out: 1421.048+/-1118.336 χ^2/NDF:1.3/2

All: 915.059+/-779.991 χ^2/NDF: 2.7/5

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1555.917+/-0.791 χ^2/NDF:10040.7/2

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

Left In: 1709.766+/-0.770 χ^2/NDF:33168.5/2

Left: 1634.927+/-0.552 χ^2/NDF: 62647.5/5

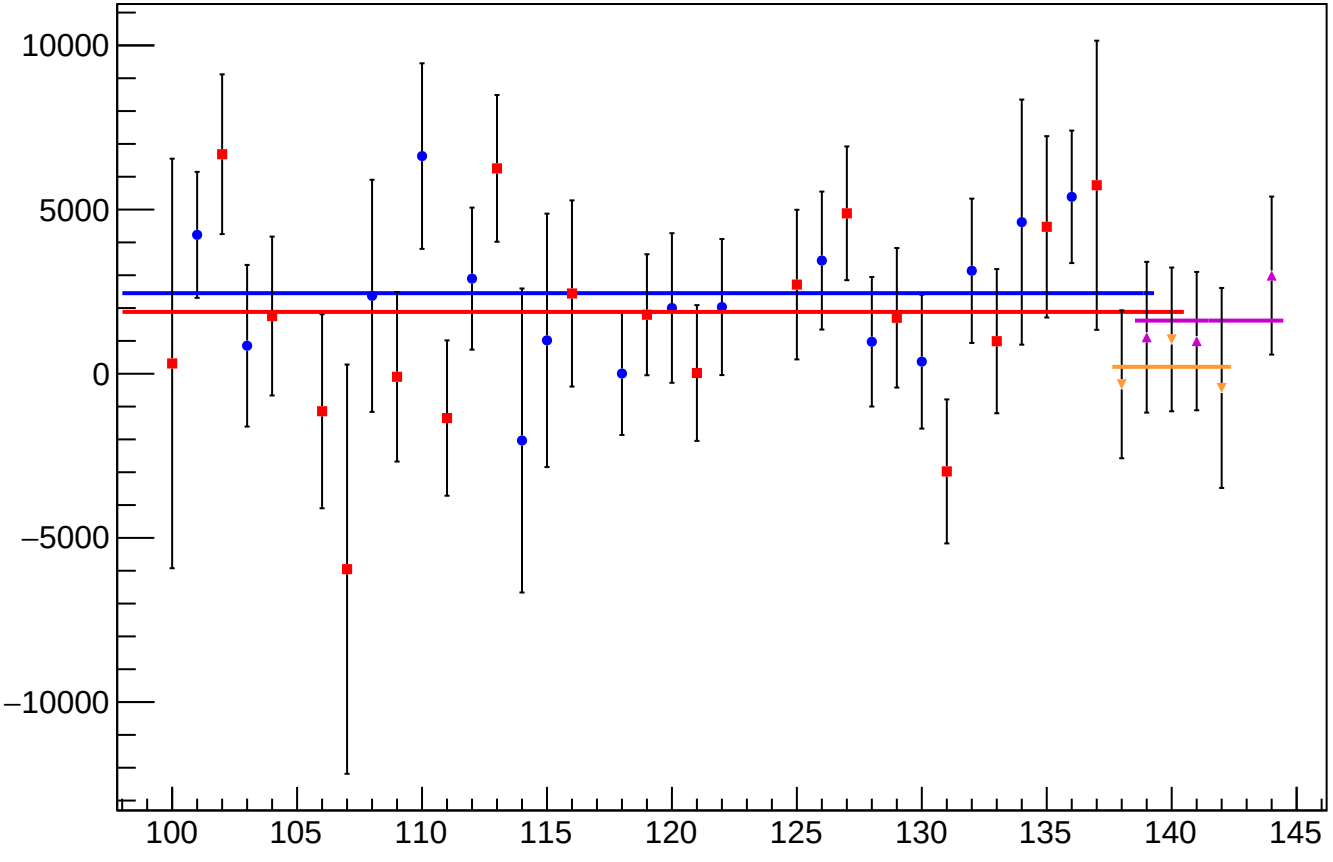
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1709.766+/-0.770 χ^2/NDF:33168.5/2

Out: 1555.917+/-0.791 χ^2/NDF:10040.7/2

All: 1634.927+/-0.552 χ^2/NDF: 62647.5/5

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 210.492+/-1395.362 χ^2/NDF:0.2/2

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

Left In: 1618.551+/-1304.667 χ^2/NDF:0.5/2

Left: 961.766+/-952.990 χ^2/NDF: 1.3/5

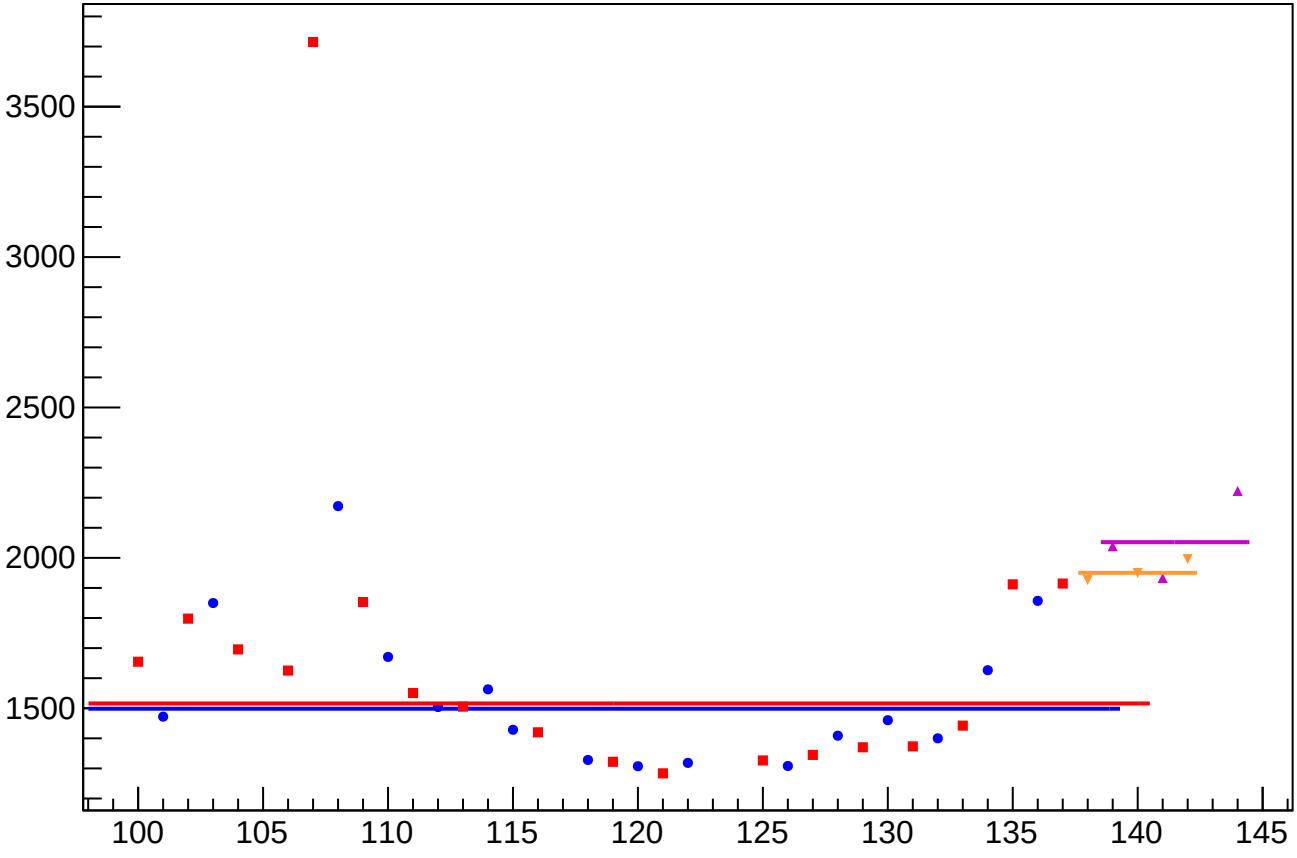
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 2314.149+/-533.268 χ^2/NDF:11.6/18

Out: 1634.082+/-538.082 χ^2/NDF:24.2/20

All: 1977.171+/-378.768 χ^2/NDF: 36.6/39

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1950.273+/-0.987 χ^2/NDF:678.9/2

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

Left In: 2052.242+/-0.923 χ^2/NDF:16456.1/2

Left: 2004.679+/-0.674 χ^2/NDF: 22833.7/5

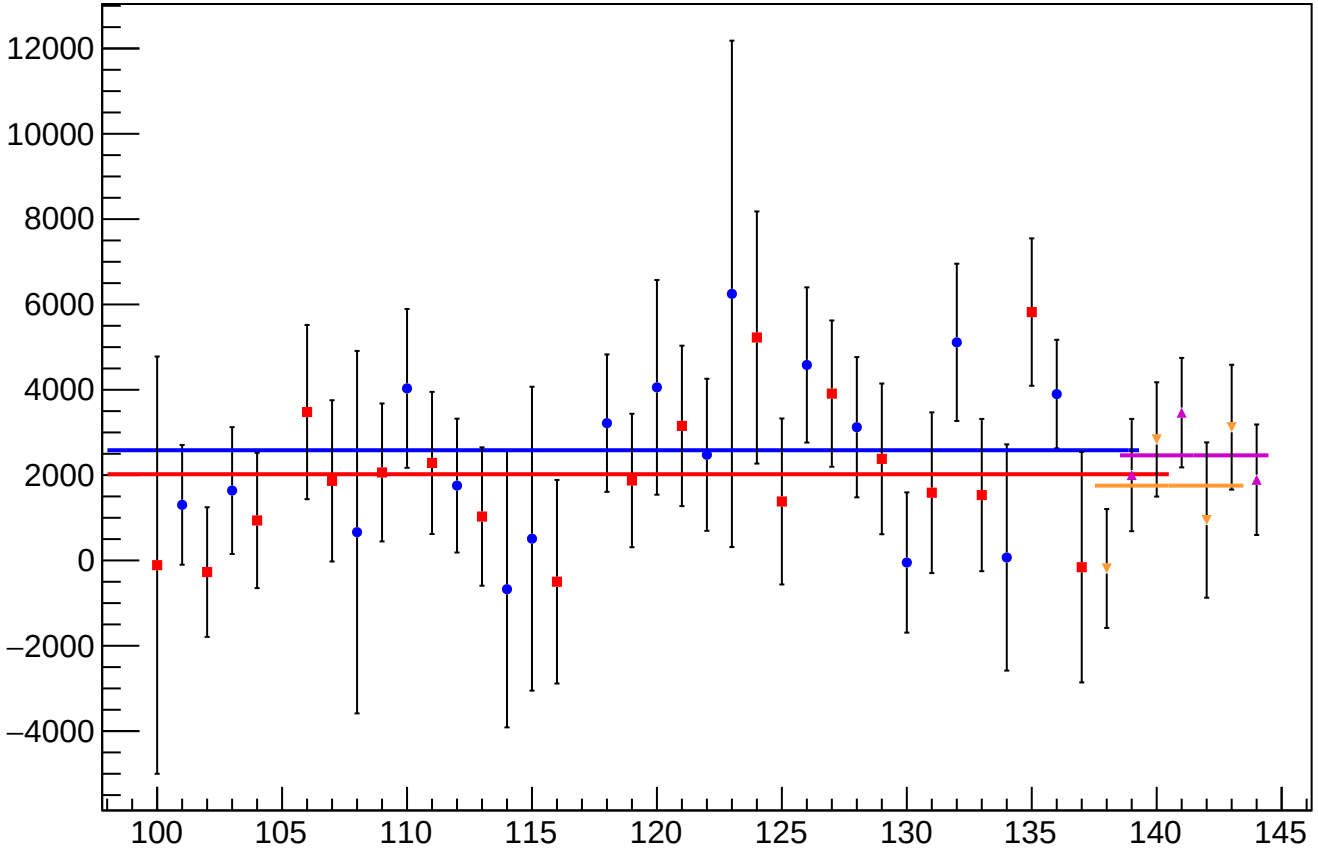
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1591.000+/-0.377 χ^2/NDF:575372.9/18

Out: 1580.535+/-0.380 χ^2/NDF:646175.3/20

All: 1585.814+/-0.268 χ^2/NDF: 1221929.8/39

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1753.845+/-736.935 χ^2/NDF:3.7/3

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

Left In: 2463.496+/-749.270 χ^2/NDF:0.9/2

Left: 2102.781+/-525.399 χ^2/NDF: 5.1/6

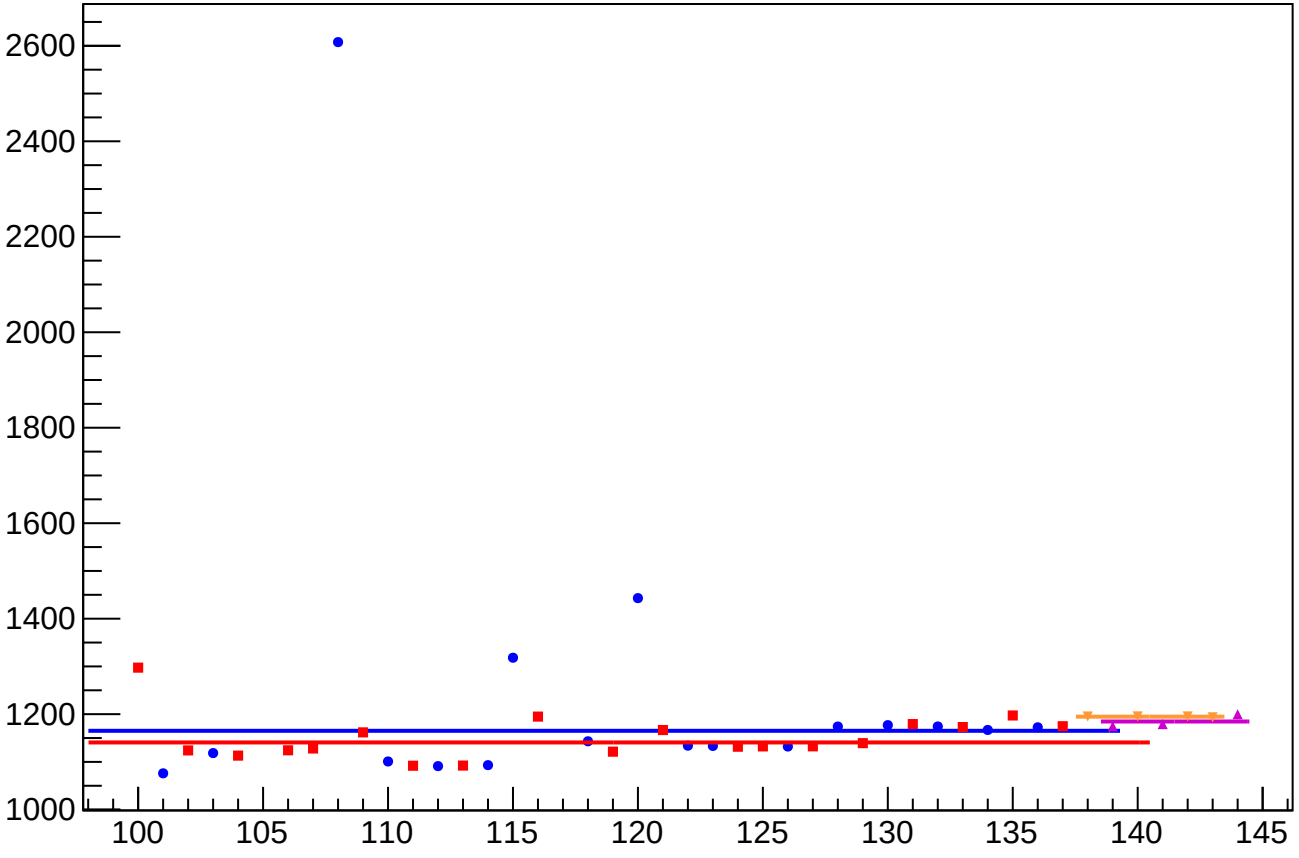
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2550.982+/-387.779 χ^2/NDF:13.2/19

Out: 1953.710+/-369.302 χ^2/NDF:17.3/22

All: 2237.778+/-267.429 χ^2/NDF: 31.7/42

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1194.740+/-0.521 χ^2/NDF:2.3/3

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

Left In: 1184.610+/-0.530 χ^2/NDF:423.8/2

Left: 1189.759+/-0.372 χ^2/NDF: 611.9/6

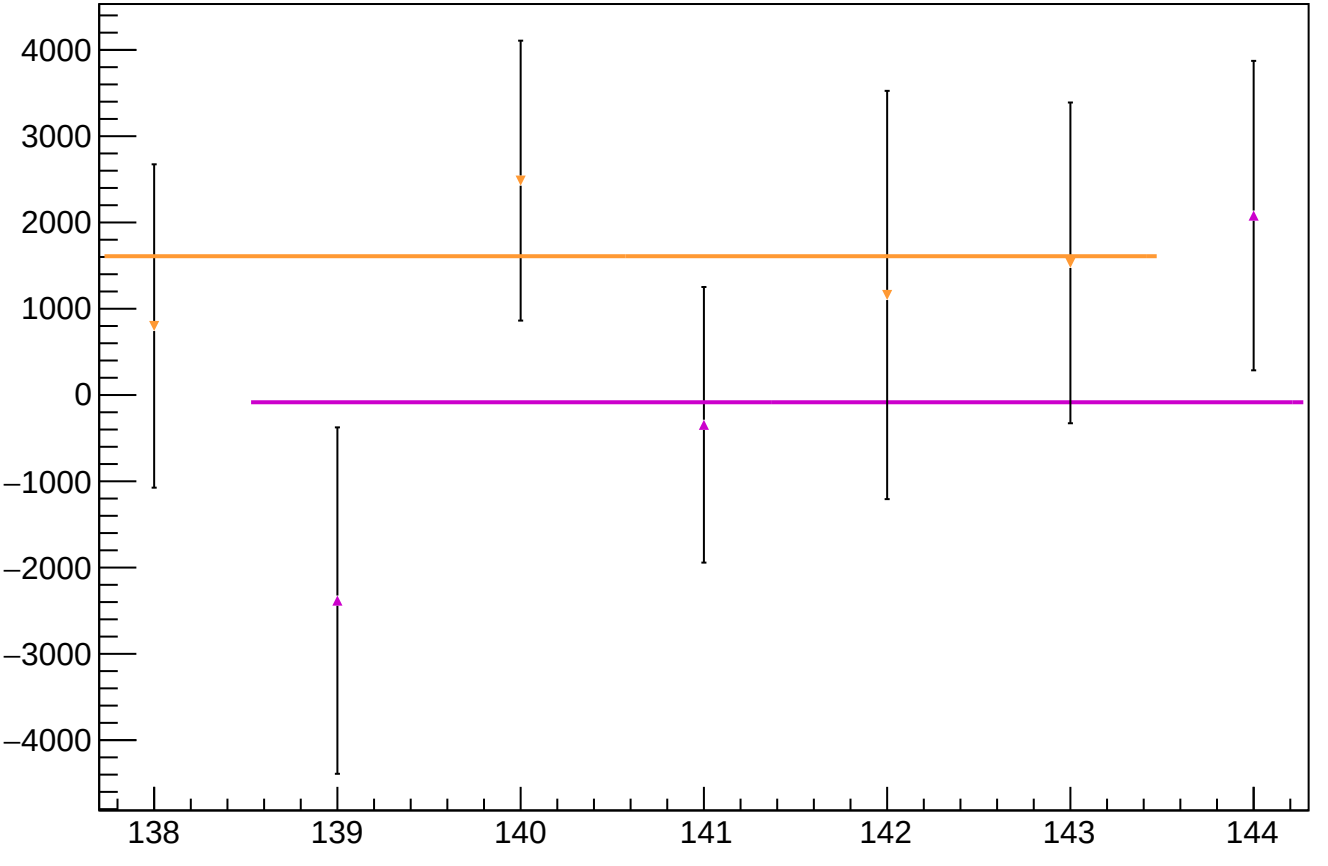
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1170.360+/-0.274 χ^2/NDF:279982.1/19

Out: 1154.310+/-0.261 χ^2/NDF:20758.4/22

All: 1161.943+/-0.189 χ^2/NDF: 302537.0/42

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1608.845+/-939.582 χ^2/NDF:0.5/3

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

Left In: -83.911+/-1025.458 χ^2/NDF:2.8/2

Left: 836.303+/-692.758 χ^2/NDF: 4.8/6

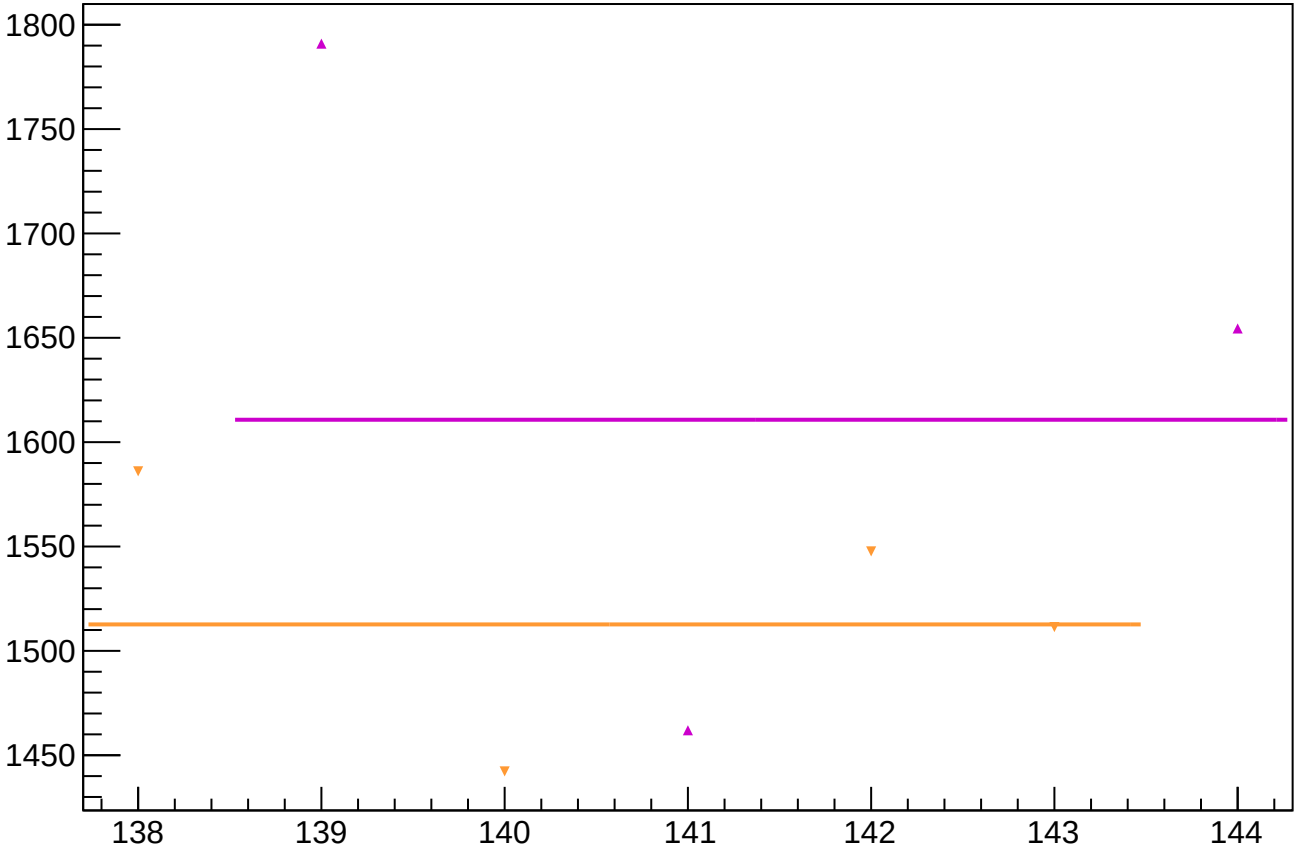
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -83.911+/-1025.458 χ^2/NDF:2.8/2

Out: 1608.845+/-939.582 χ^2/NDF:0.5/3

All: 836.303+/-692.758 χ^2/NDF: 4.8/6

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1512.677+/-0.664 χ^2/NDF:7271.5/3

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

Left In: 1610.739+/-0.725 χ^2/NDF:34653.4/2

Left: 1557.430+/-0.490 χ^2/NDF: 51867.2/6

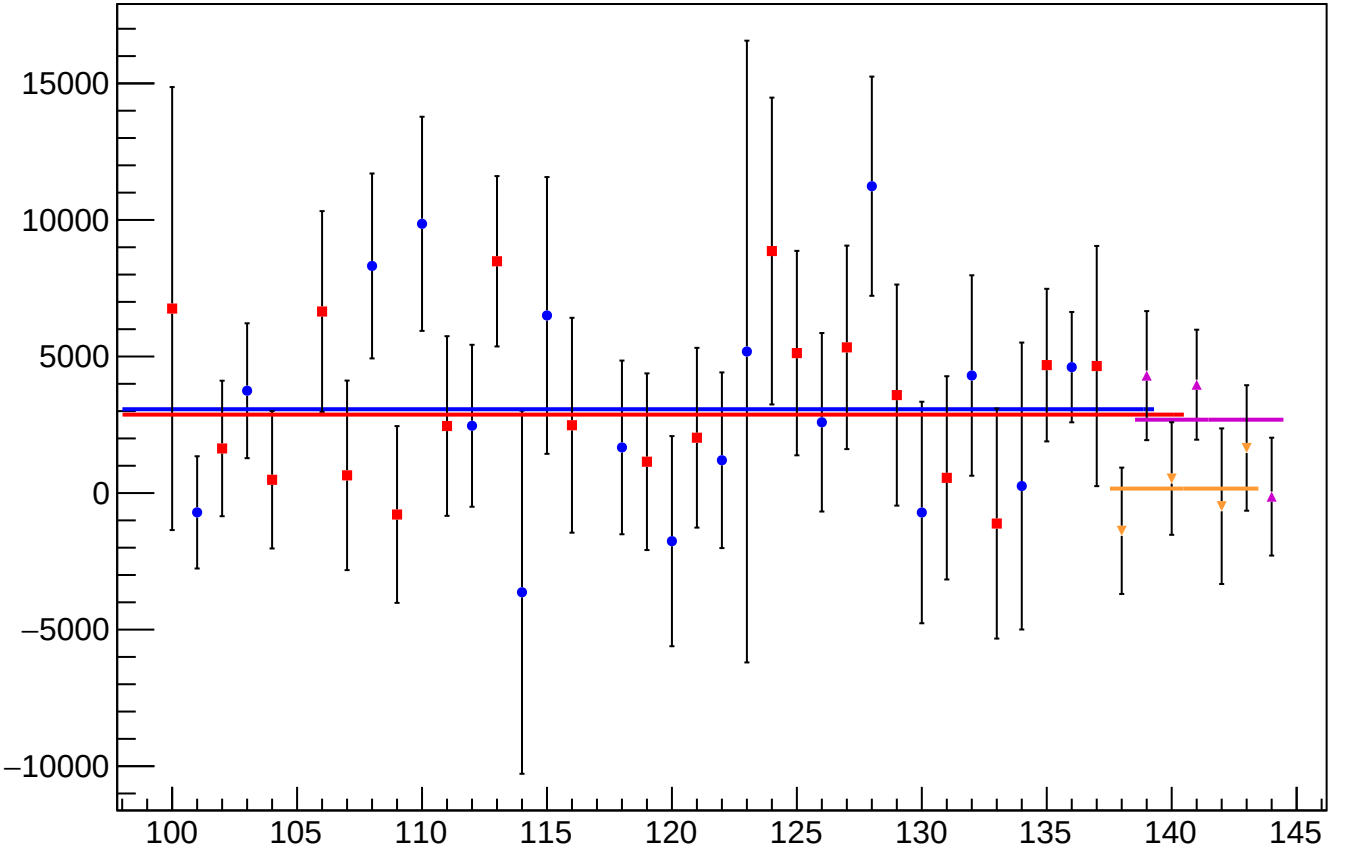
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1610.739+/-0.725 χ^2/NDF:34653.4/2

Out: 1512.677+/-0.664 χ^2/NDF:7271.5/3

All: 1557.430+/-0.490 χ^2/NDF: 51867.2/6

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 163.892+/-1166.364 χ^2/NDF:0.9/3

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

Left In: 2686.370+/-1249.479 χ^2/NDF:2.6/2

Left: 1338.450+/-852.614 χ^2/NDF: 5.7/6

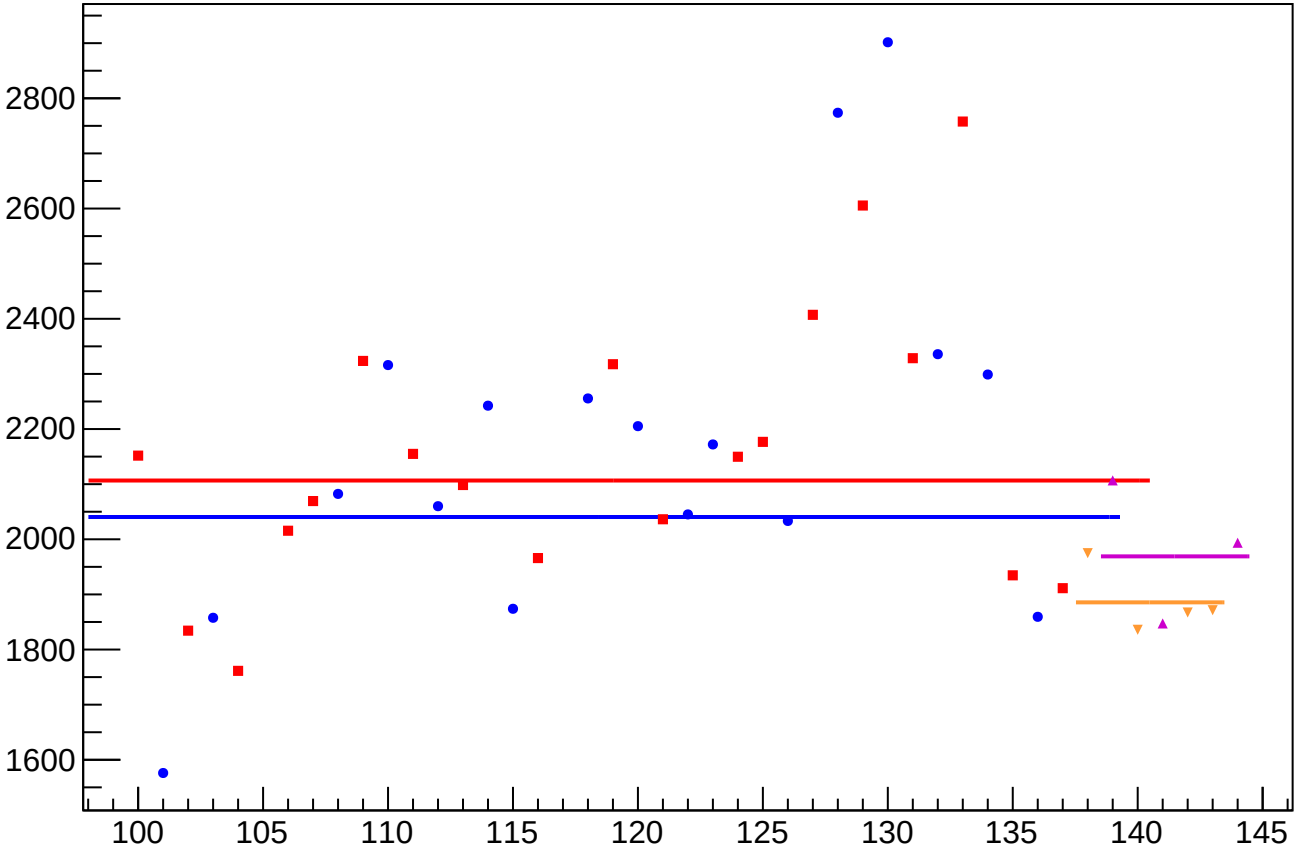
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2958.540+/-672.384 χ^2/NDF:21.2/19

Out: 2012.852+/-657.115 χ^2/NDF:16.2/22

All: 2474.836+/-469.956 χ^2/NDF: 38.4/42

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1885.591+/-0.825 χ^2/NDF:4301.6/3

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

Left In: 1969.029+/-0.884 χ^2/NDF:14372.8/2

Left: 1924.442+/-0.603 χ^2/NDF: 23440.2/6

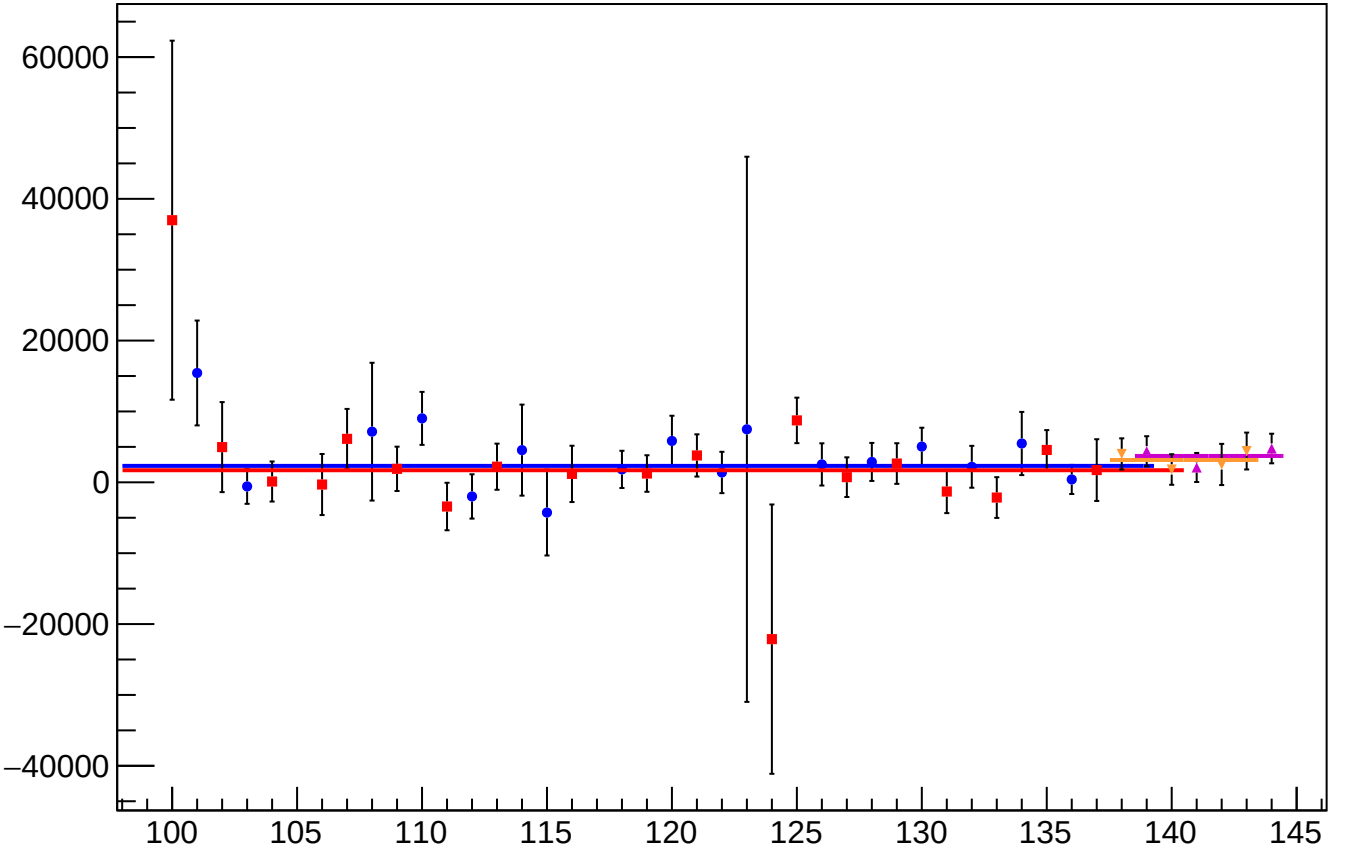
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 2019.756+/-0.475 χ^2/NDF:350353.0/19

Out: 2036.467+/-0.465 χ^2/NDF:248743.8/22

All: 2028.303+/-0.332 χ^2/NDF: 599728.7/42

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 3150.527+/-1205.932 χ^2/NDF:0.8/3

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

Left In: 3719.724+/-1204.085 χ^2/NDF:1.0/2

Left: 3435.561+/-852.069 χ^2/NDF: 1.9/6

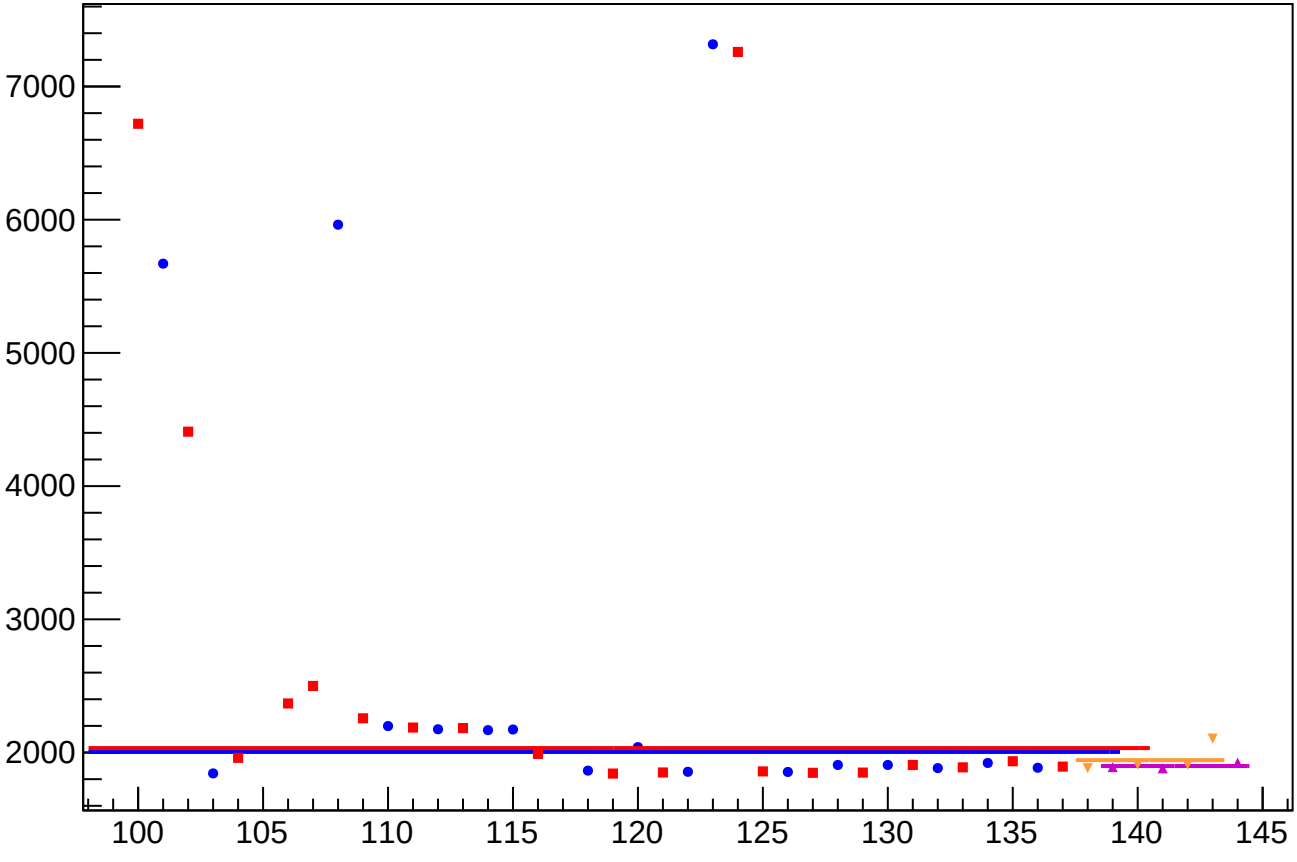
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2749.064+/-667.167 χ^2/NDF:16.7/19

Out: 2133.920+/-656.624 χ^2/NDF:19.0/22

All: 2436.593+/-467.986 χ^2/NDF: 36.1/42

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1942.799+/-0.853 χ^2/NDF:10008.4/3

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

Left In: 1898.734+/-0.851 χ^2/NDF:465.6/2

Left: 1920.733+/-0.603 χ^2/NDF: 11811.2/6

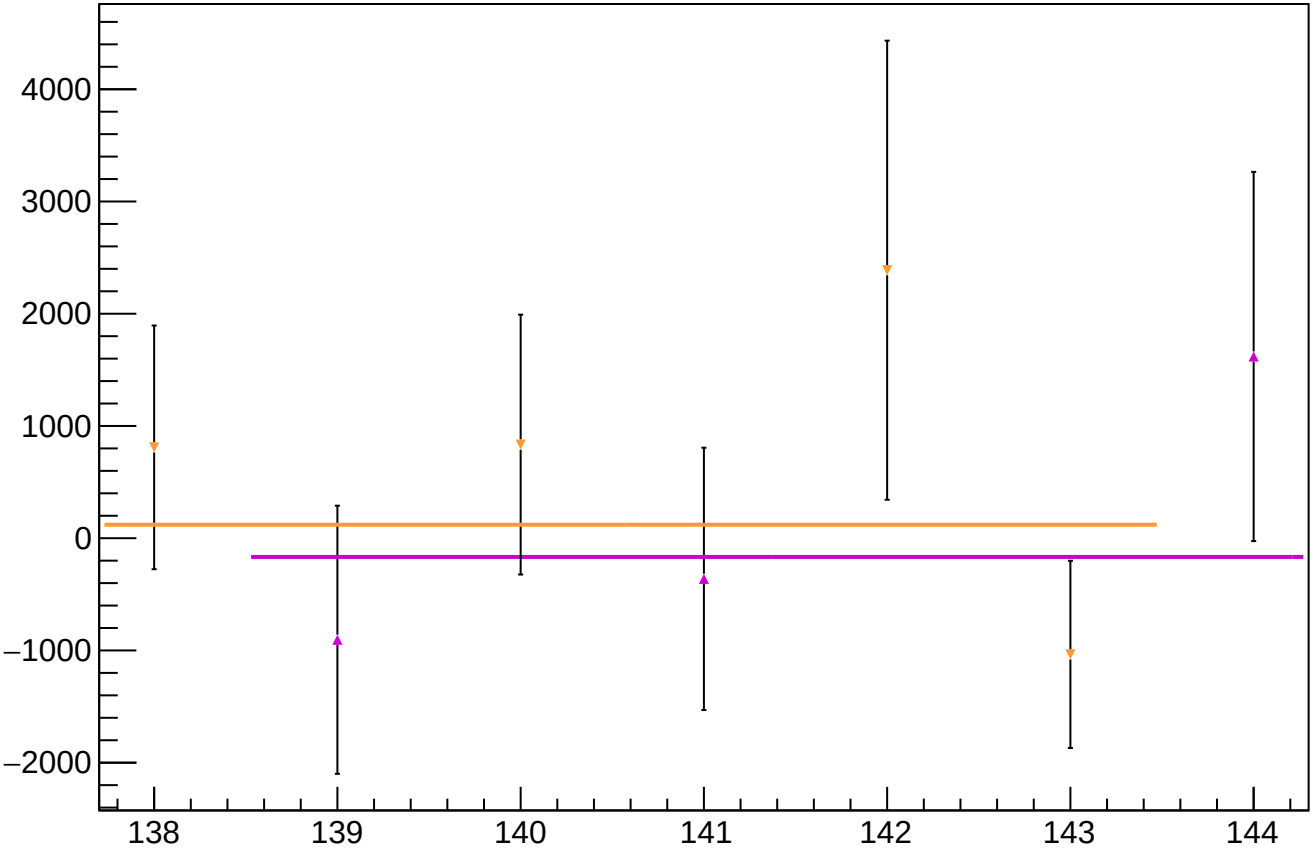
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1972.064+/-0.472 χ^2/NDF:927183.0/19

Out: 2006.602+/-0.464 χ^2/NDF:628976.2/22

All: 1989.608+/-0.331 χ^2/NDF: 1558881.9/42

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 120.047+/-552.954 χ^2/NDF:3.9/3

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

Left In: -166.864+/-744.728 χ^2/NDF:1.6/2

Left: 18.085+/-443.958 χ^2/NDF: 5.6/6

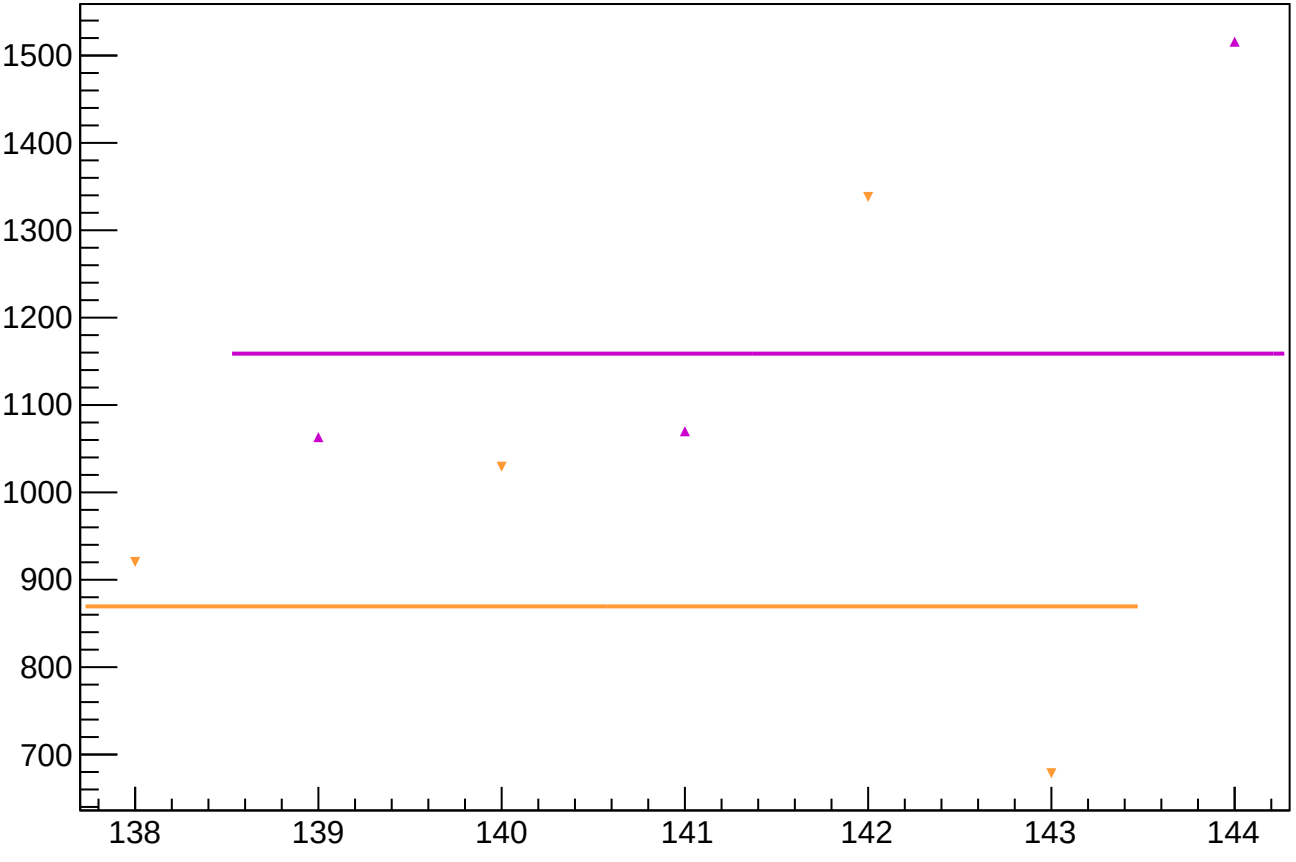
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -166.864+/-744.728 χ^2/NDF:1.6/2

Out: 120.047+/-552.954 χ^2/NDF:3.9/3

All: 18.085+/-443.958 χ^2/NDF: 5.6/6

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 869.527+/-0.391 χ^2/NDF:252343.6/3

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

Left In: 1158.817+/-0.527 χ^2/NDF:118601.8/2

Left: 972.334+/-0.314 χ^2/NDF: 565484.9/6

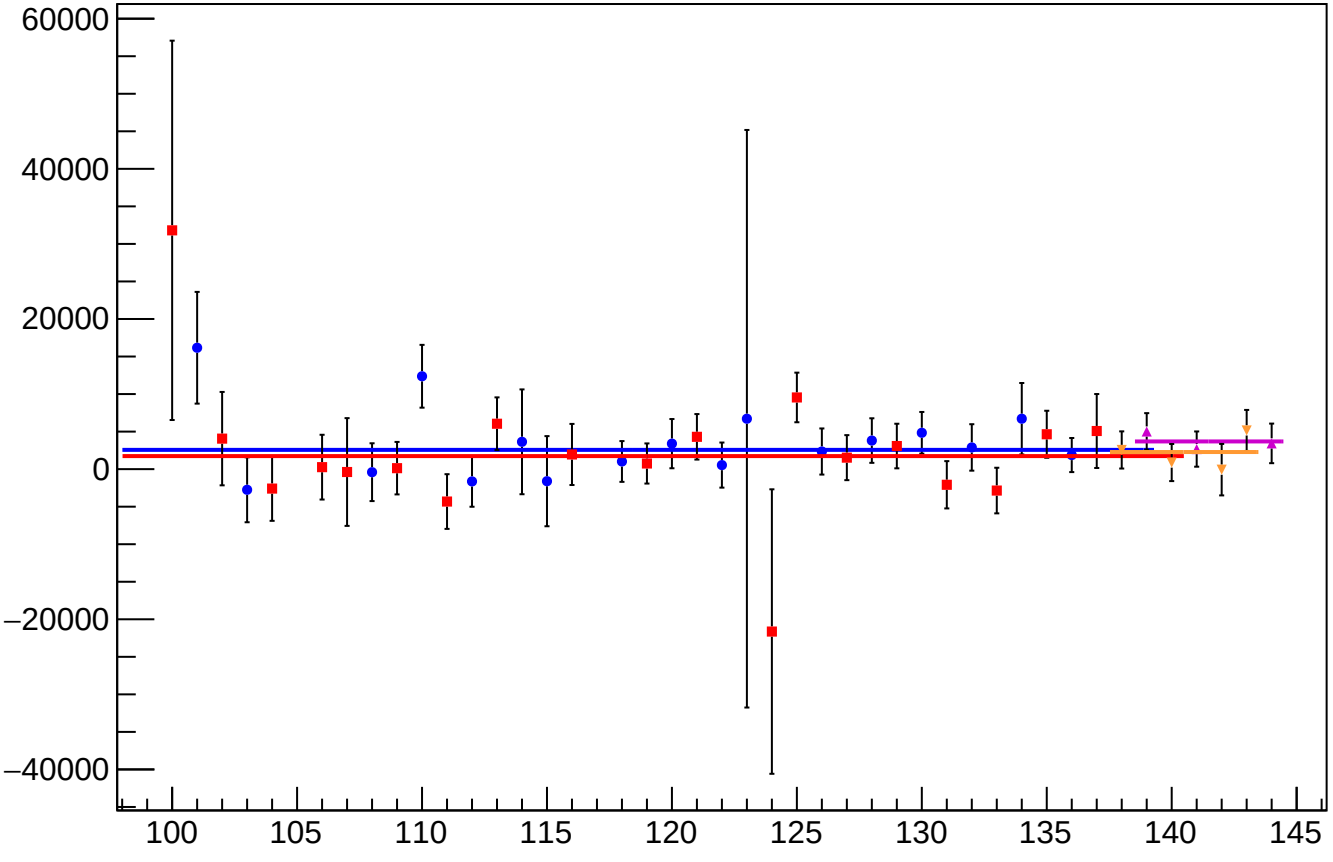
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1158.817+/-0.527 χ^2/NDF:118601.8/2

Out: 869.527+/-0.391 χ^2/NDF:252343.6/3

All: 972.334+/-0.314 χ^2/NDF: 565484.9/6

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2279.344+/-1353.190 χ^2/NDF:1.9/3

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

Left In: 3689.094+/-1424.565 χ^2/NDF:0.5/2

Left: 2948.019+/-981.113 χ^2/NDF: 2.9/6

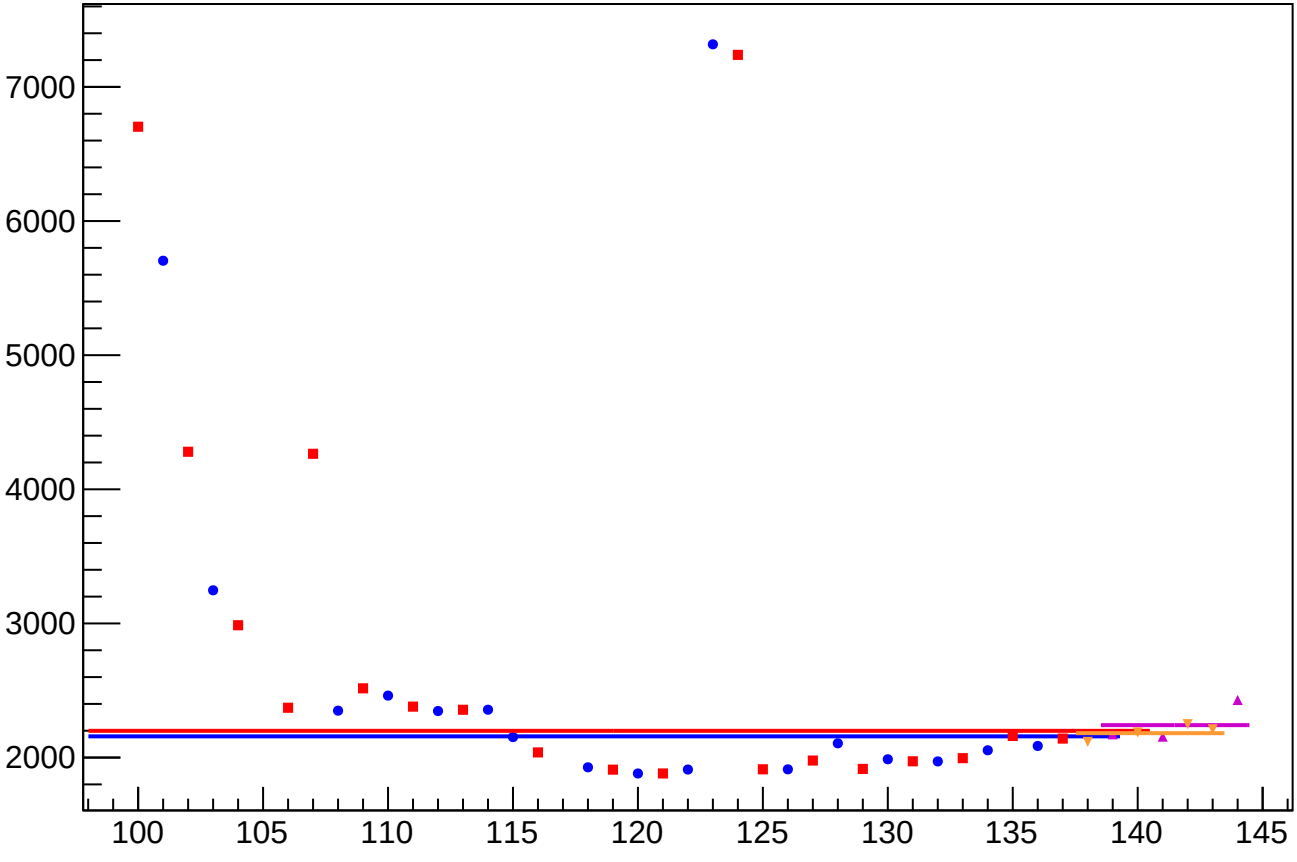
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2864.565+/-733.783 χ^2/NDF:16.5/19

Out: 1891.759+/-721.708 χ^2/NDF:22.5/22

All: 2370.092+/-514.541 χ^2/NDF: 39.9/42

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2181.985+/-0.957 χ^2/NDF:2364.6/3

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

Left In: 2241.789+/-1.007 χ^2/NDF:14358.2/2

Left: 2210.351+/-0.694 χ^2/NDF: 18575.7/6

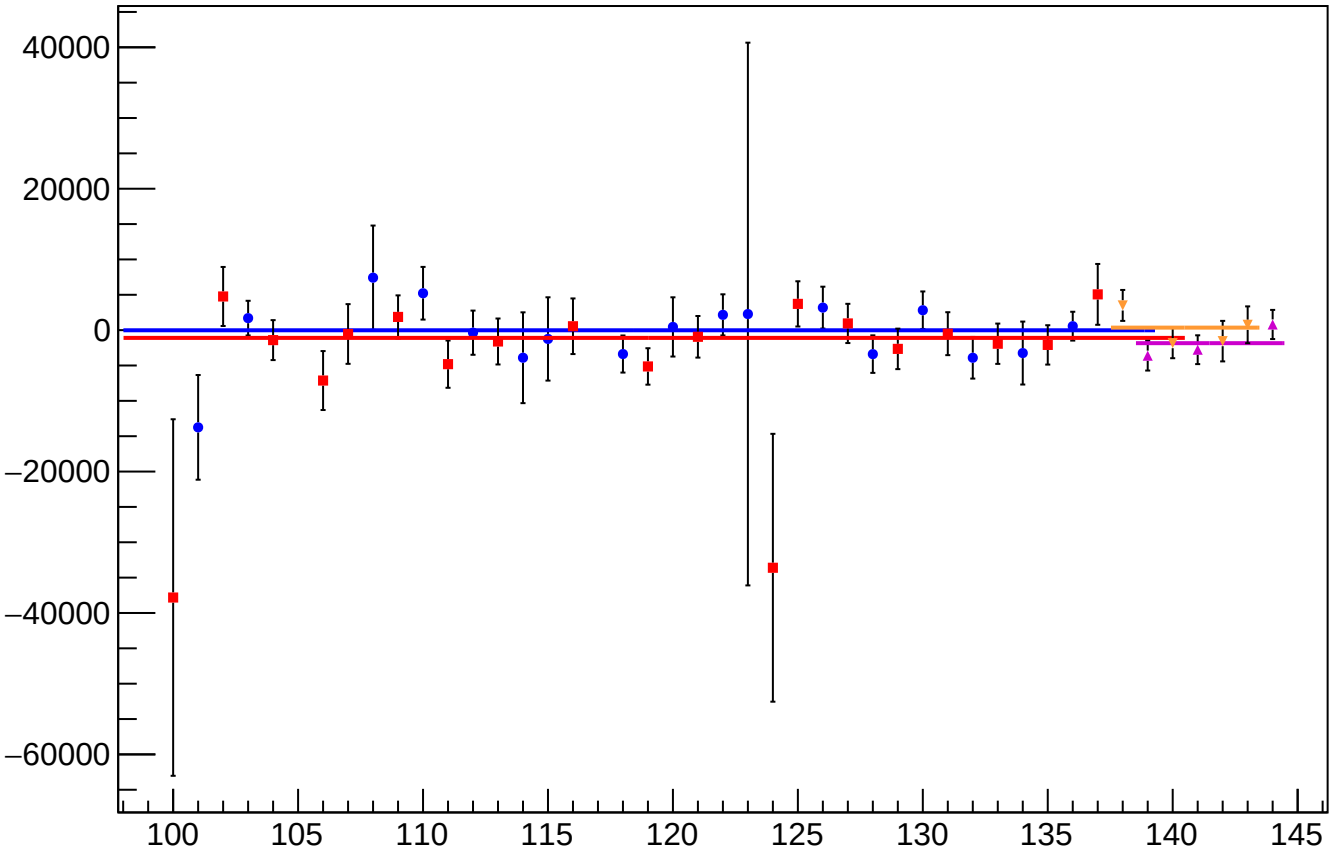
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2180.340+/-0.519 χ^2/NDF:733285.5/19

Out: 2194.406+/-0.510 χ^2/NDF:805622.2/22

All: 2187.489+/-0.364 χ^2/NDF: 1539281.2/42

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 356.374+/-1196.768 χ^2/NDF:3.6/3

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

Left In: -1842.245+/-1193.173 χ^2/NDF:2.6/2

Left: -746.242+/-844.969 χ^2/NDF: 7.8/6

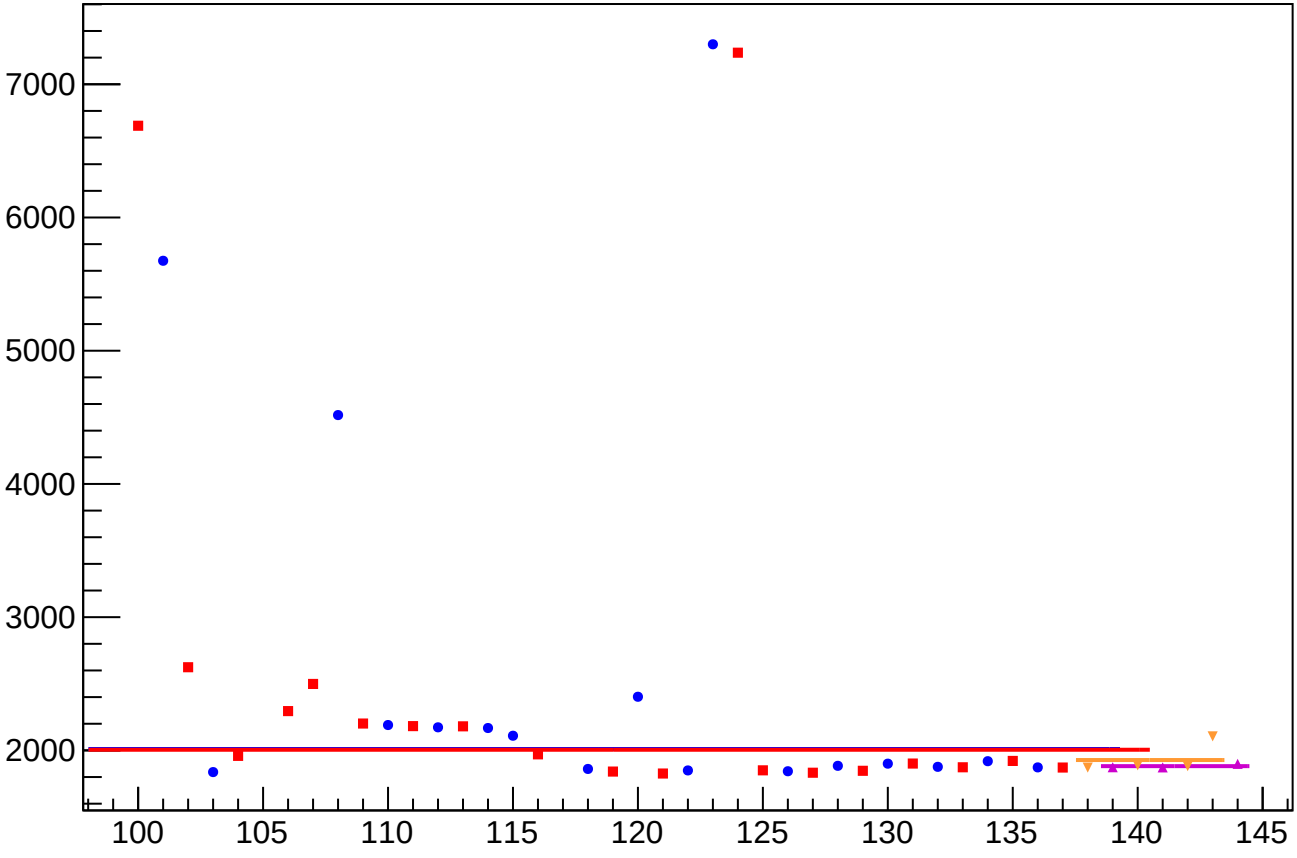
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -585.310+/-665.273 χ^2/NDF:20.0/19

Out: -670.607+/-647.382 χ^2/NDF:24.0/22

All: -629.121+/-463.964 χ^2/NDF: 44.1/42

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1927.645+/-0.846 χ^2/NDF:11867.6/3

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

Left In: 1881.779+/-0.844 χ^2/NDF:215.1/2

Left: 1904.643+/-0.597 χ^2/NDF: 13555.9/6

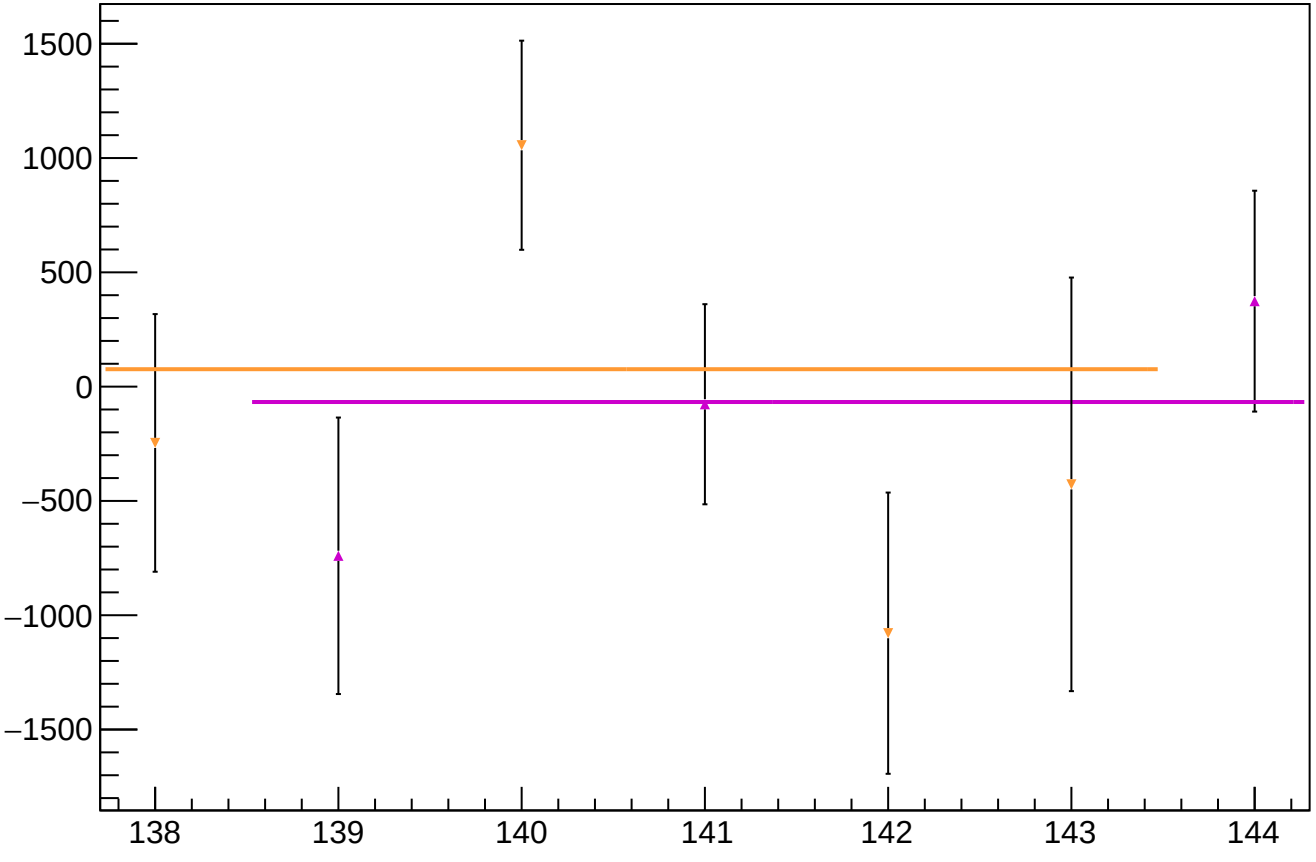
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1970.326+/-0.470 χ^2/NDF:855945.6/19

Out: 1982.281+/-0.458 χ^2/NDF:385273.4/22

All: 1976.467+/-0.328 χ^2/NDF: 1241550.7/42

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 76.257+/-291.209 χ^2/NDF:8.7/3

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

Left In: -67.283+/-285.859 χ^2/NDF:2.1/2

Left: 3.156+/-203.998 χ^2/NDF: 10.9/6

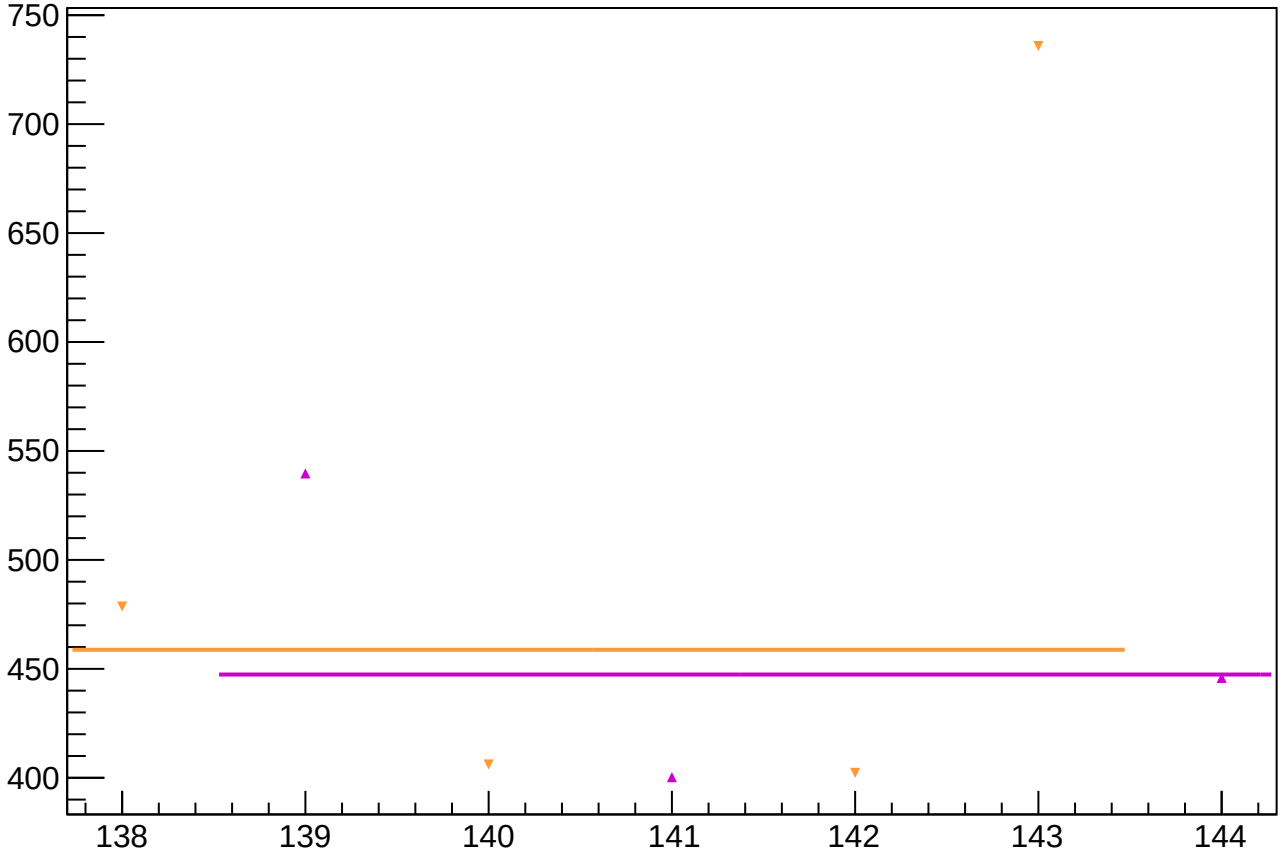
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -67.283+/-285.859 χ^2/NDF:2.1/2

Out: 76.257+/-291.209 χ^2/NDF:8.7/3

All: 3.156+/-203.998 χ^2/NDF: 10.9/6

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 458.762+/-0.206 χ^2/NDF:233420.5/3

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

Left In: 447.398+/-0.202 χ^2/NDF:69747.5/2

Left: 452.975+/-0.144 χ^2/NDF: 304719.2/6

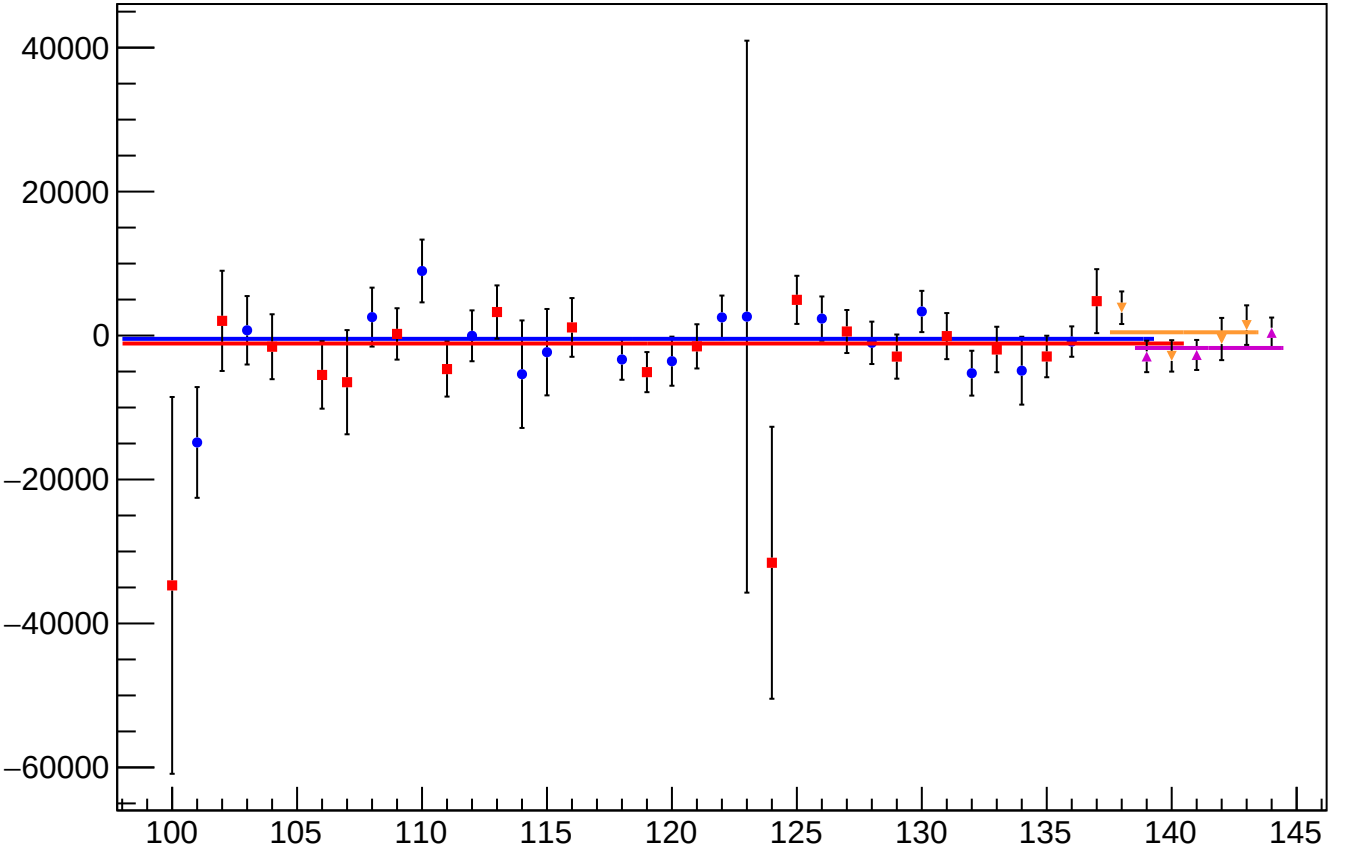
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 447.398+/-0.202 χ^2/NDF:69747.5/2

Out: 458.762+/-0.206 χ^2/NDF:233420.5/3

All: 452.975+/-0.144 χ^2/NDF: 304719.2/6

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 453.243+/-1236.718 χ^2/NDF:4.8/3

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

Left In: -1725.476+/-1228.578 χ^2/NDF:1.5/2

Left: -643.310+/-871.600 χ^2/NDF: 7.8/6

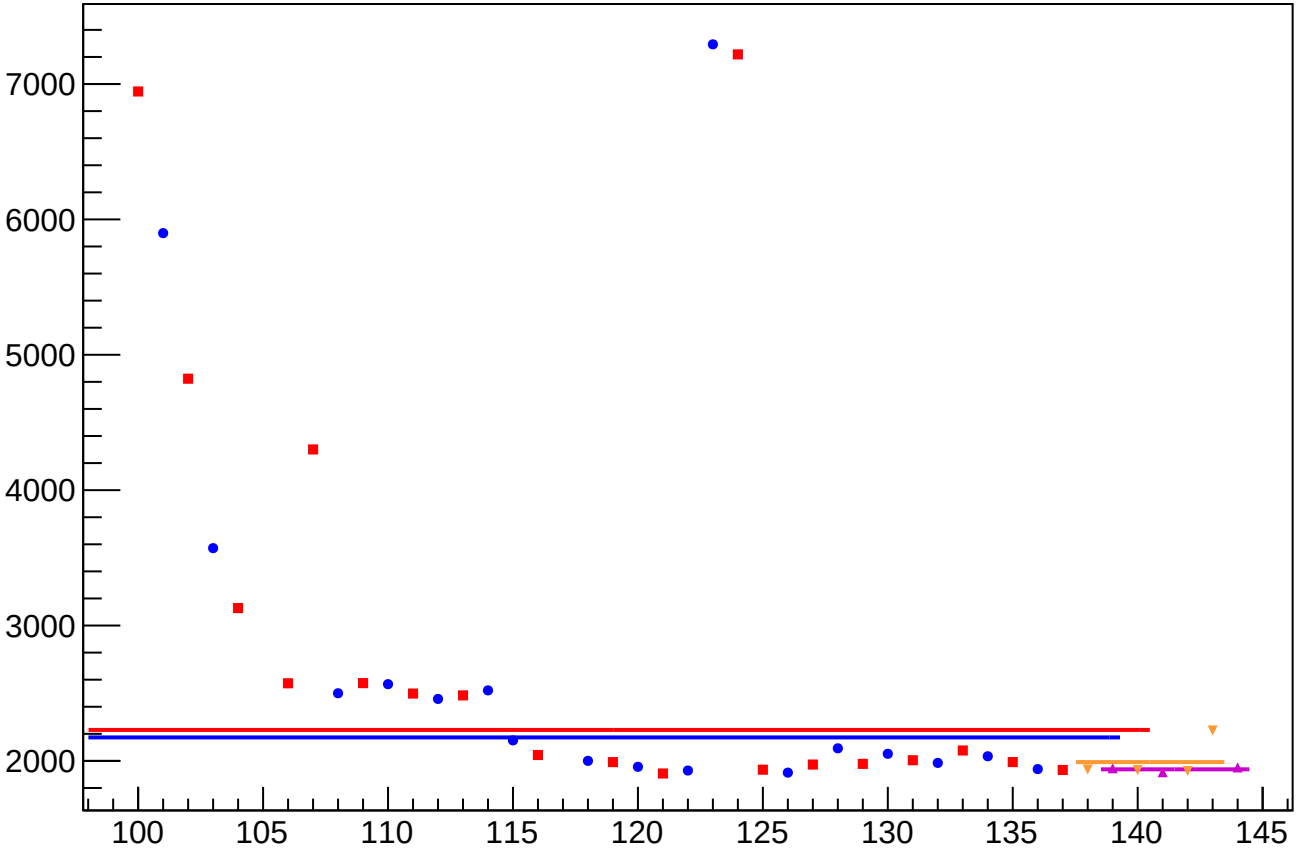
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -878.374+/-707.365 χ^2/NDF:20.3/19

Out: -590.938+/-710.012 χ^2/NDF:22.7/22

All: -735.193+/-501.116 χ^2/NDF: 43.1/42

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1991.209+/-0.874 χ^2/NDF:18095.5/3

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

Left In: 1937.735+/-0.869 χ^2/NDF:328.8/2

Left: 1964.295+/-0.616 χ^2/NDF: 20306.2/6

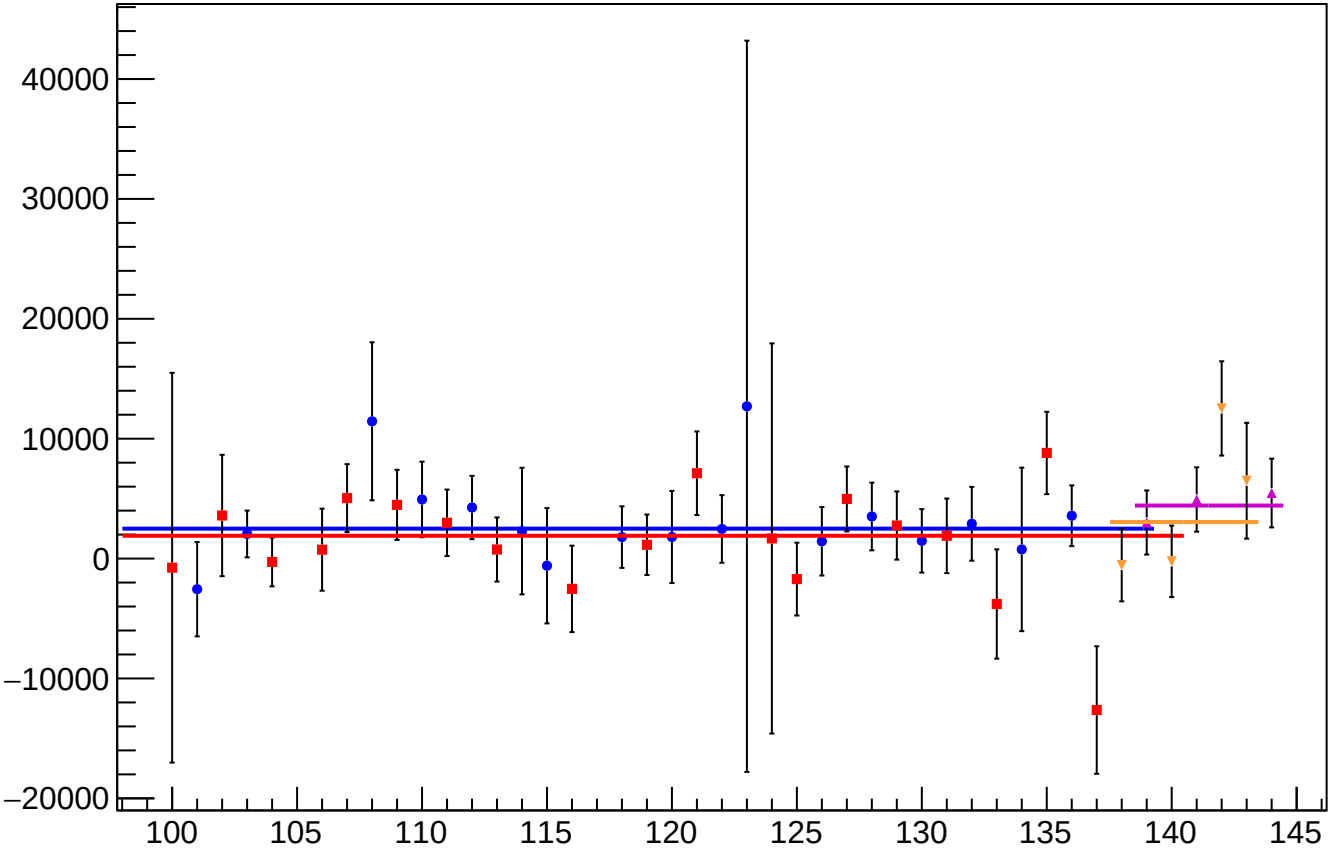
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 2095.363+/-0.500 χ^2/NDF:854937.8/19

Out: 2150.552+/-0.502 χ^2/NDF:963483.6/22

All: 2122.854+/-0.354 χ^2/NDF: 1824485.8/42

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 3048.914+/-1743.471 χ^2/NDF:8.9/3

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

Left In: 4423.004+/-1580.839 χ^2/NDF:0.4/2

Left: 3803.022+/-1171.107 χ^2/NDF: 9.7/6

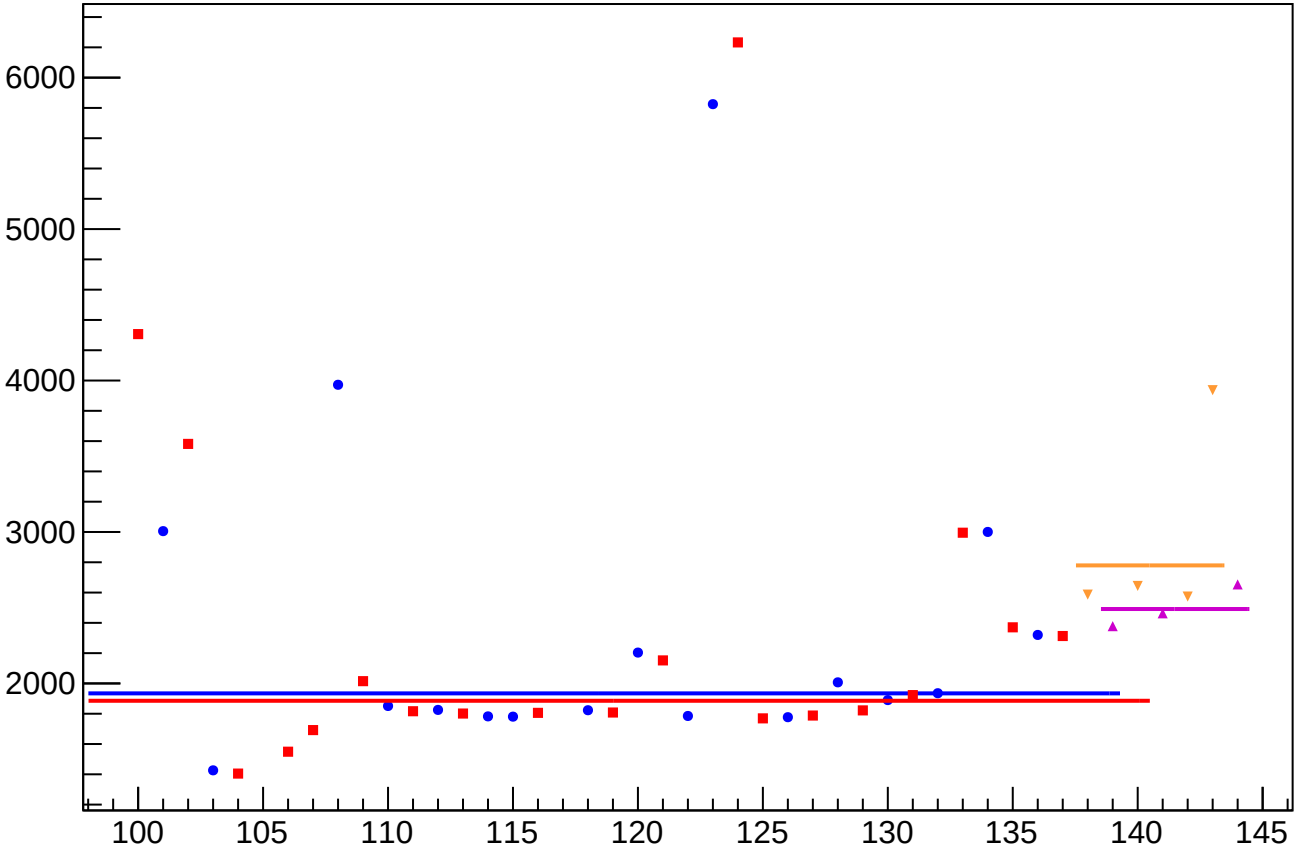
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 2864.685+/-691.009 χ^2/NDF:7.5/19

Out: 2076.615+/-678.678 χ^2/NDF:32.7/22

All: 2463.556+/-484.198 χ^2/NDF: 41.0/42

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2779.389+/-1.233 χ^2/NDF:132477.3/3

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

Left In: 2491.397+/-1.118 χ^2/NDF:10221.0/2

Left: 2621.337+/-0.828 χ^2/NDF: 172647.1/6

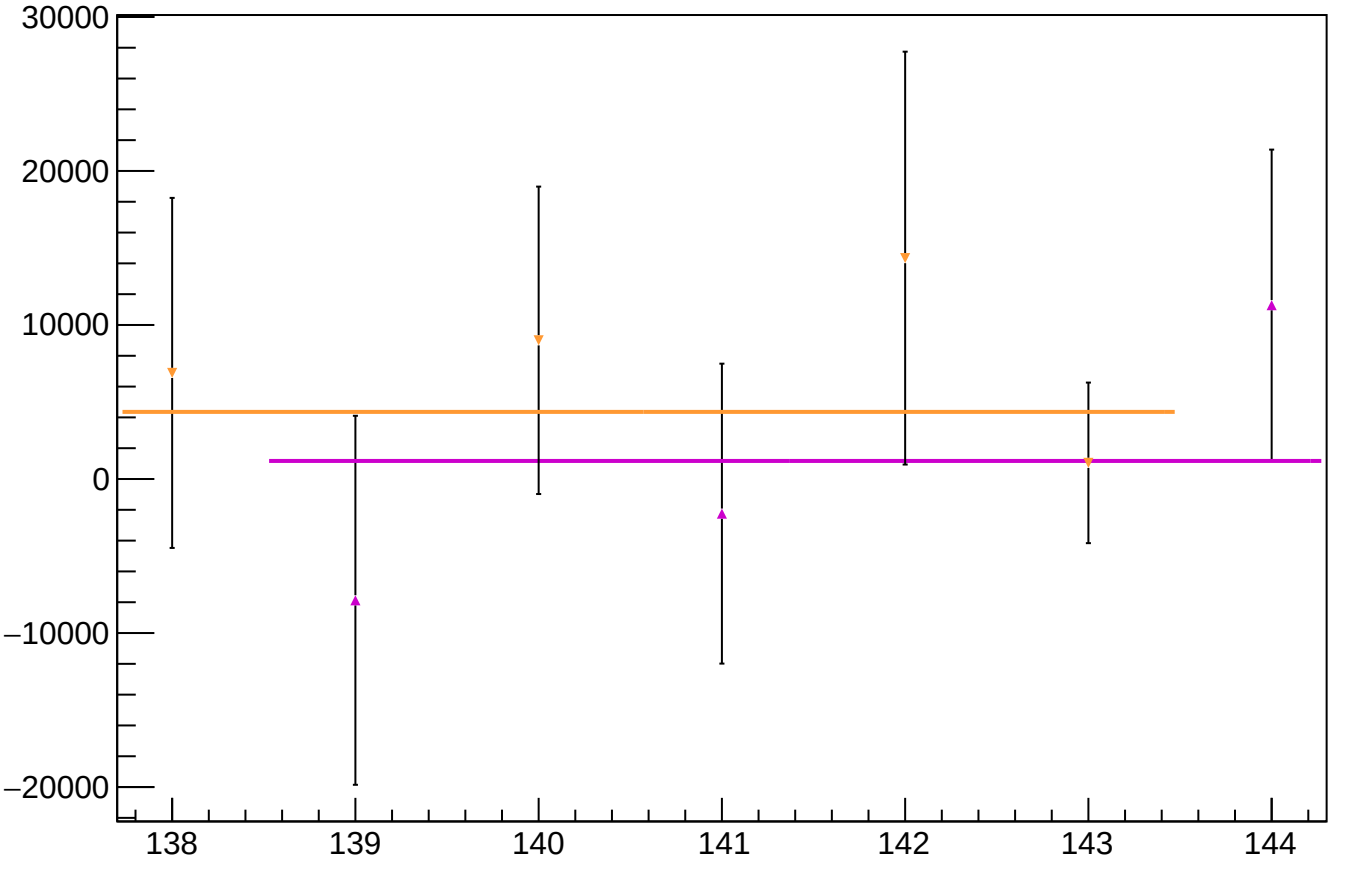
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2040.828+/-0.489 χ^2/NDF:849988.5/19

Out: 2020.948+/-0.480 χ^2/NDF:1330618.5/22

All: 2030.708+/-0.342 χ^2/NDF: 2181449.7/42

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4357.503+/-4076.986 χ^2/NDF:1.2/3

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

Left In: 1172.680+/-6049.906 χ^2/NDF:1.7/2

Left: 3362.870+/-3380.940 χ^2/NDF: 3.1/6

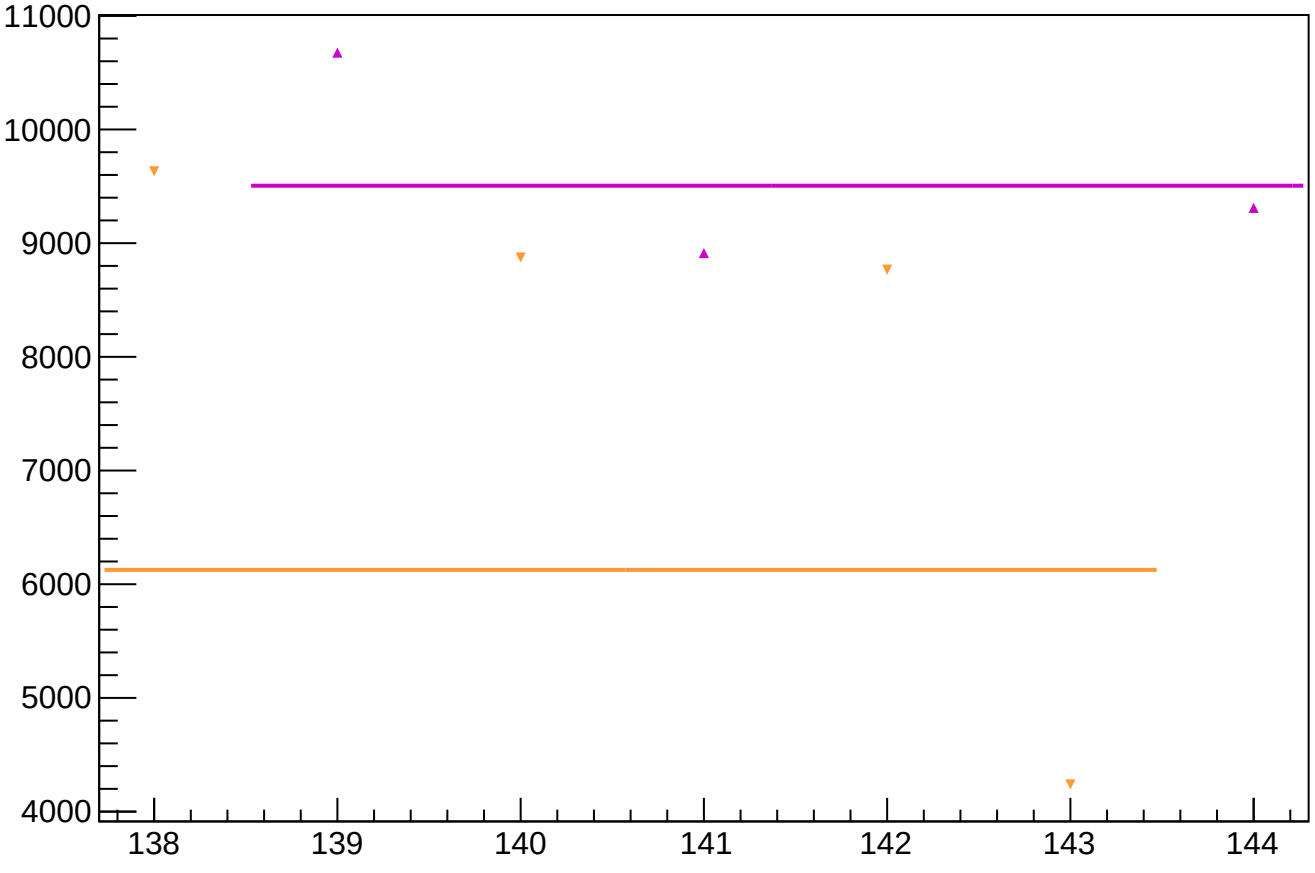
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1172.680+/-6049.906 χ^2/NDF:1.7/2

Out: 4357.503+/-4076.986 χ^2/NDF:1.2/3

All: 3362.870+/-3380.940 χ^2/NDF: 3.1/6

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6126.084+/-2.883 χ^2/NDF:681684.4/3

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

Left In: 9505.332+/-4.278 χ^2/NDF:27242.3/2

Left: 7181.437+/-2.391 χ^2/NDF: 1138037.4/6

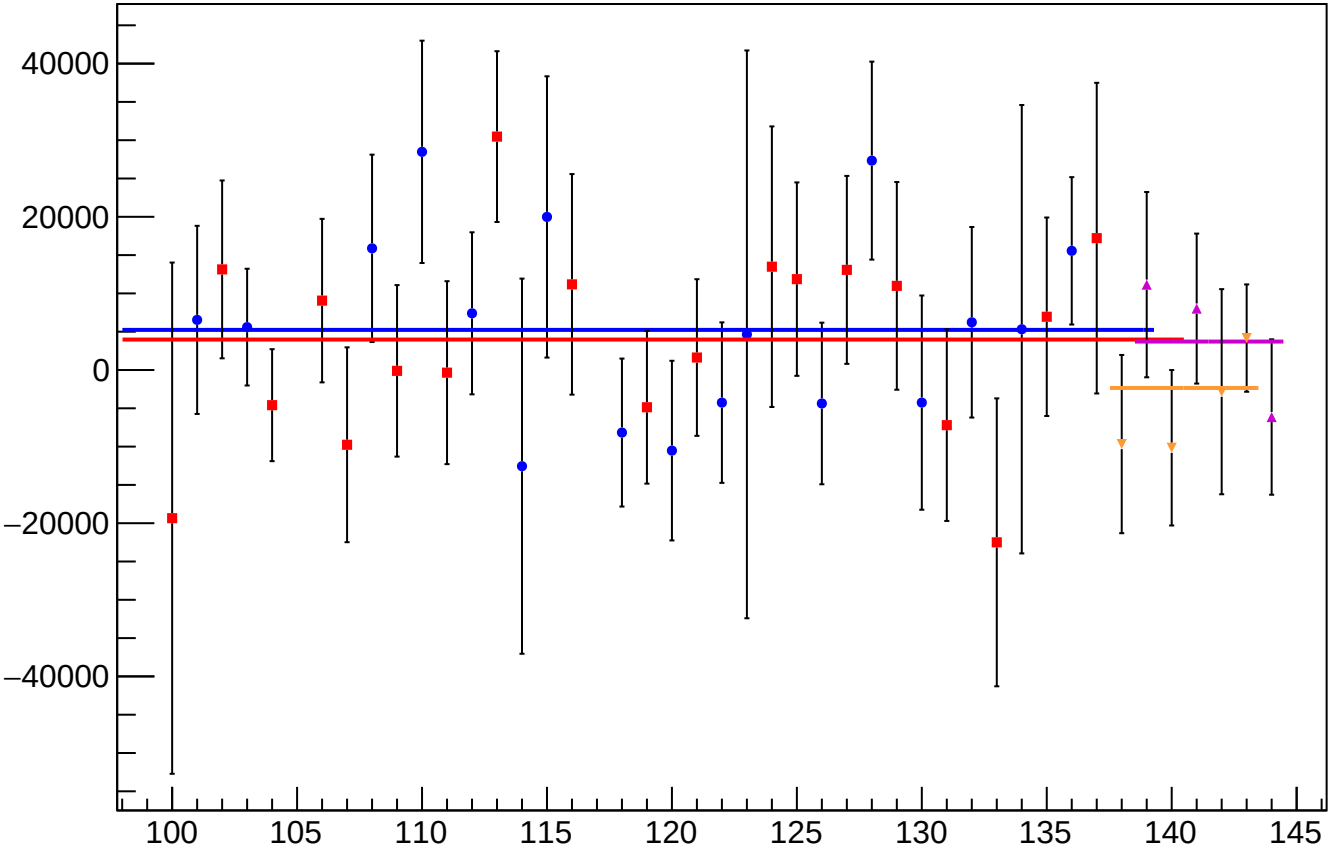
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9505.332+/-4.278 χ^2/NDF:27242.3/2

Out: 6126.084+/-2.883 χ^2/NDF:681684.4/3

All: 7181.437+/-2.391 χ^2/NDF: 1138037.4/6

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -2343.984+/-4819.520 χ^2/NDF:1.9/3

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

Left In: 3713.410+/-6087.688 χ^2/NDF:1.5/2

Left: -10.180+/-3778.694 χ^2/NDF: 4.0/6

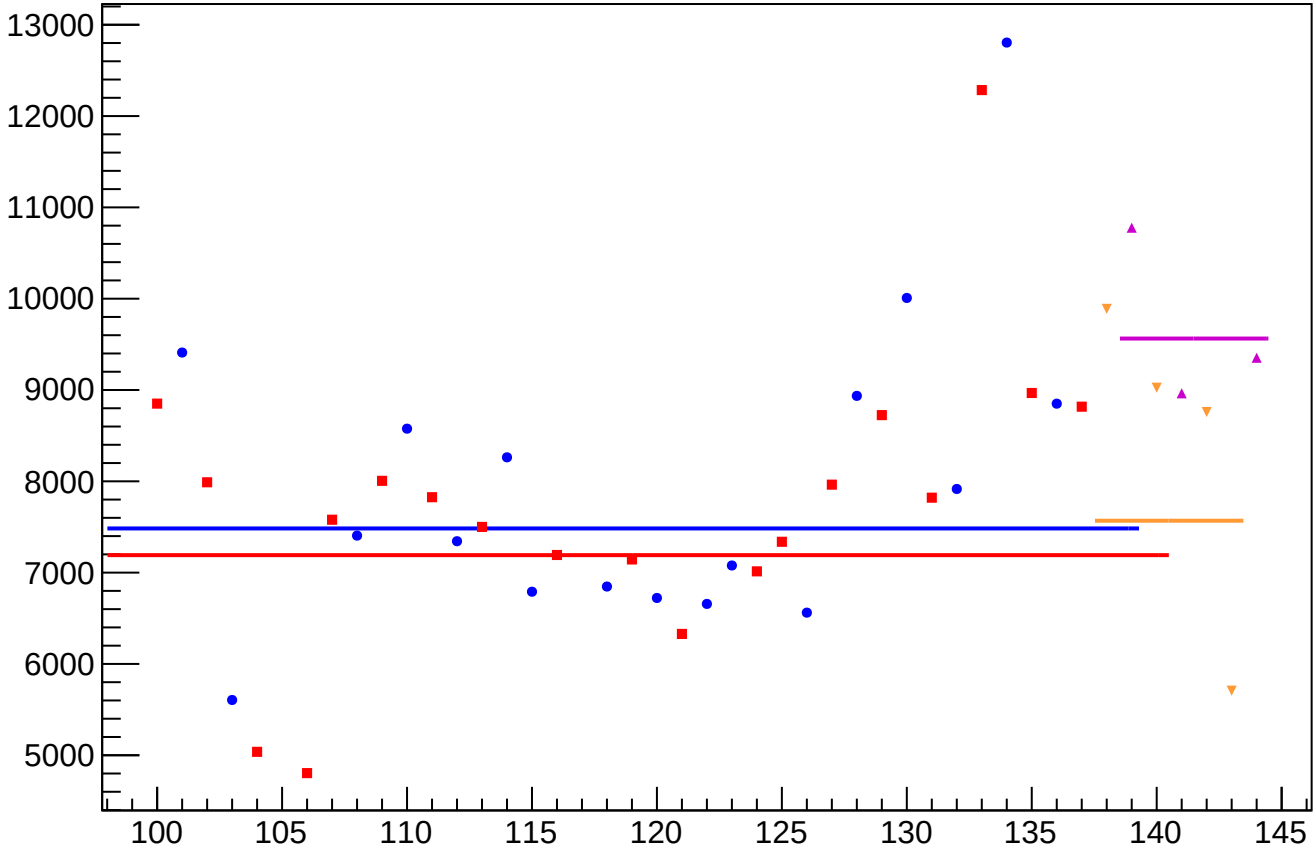
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 4949.133+/-2651.930 χ^2/NDF:16.0/19

Out: 2389.347+/-2414.866 χ^2/NDF:18.8/22

All: 3549.735+/-1785.508 χ^2/NDF: 35.3/42

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7568.469+/-3.408 χ^2/NDF:277730.9/3

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

Left In: 9563.495+/-4.305 χ^2/NDF:28508.4/2

Left: 8337.116+/-2.672 χ^2/NDF: 438277.1/6

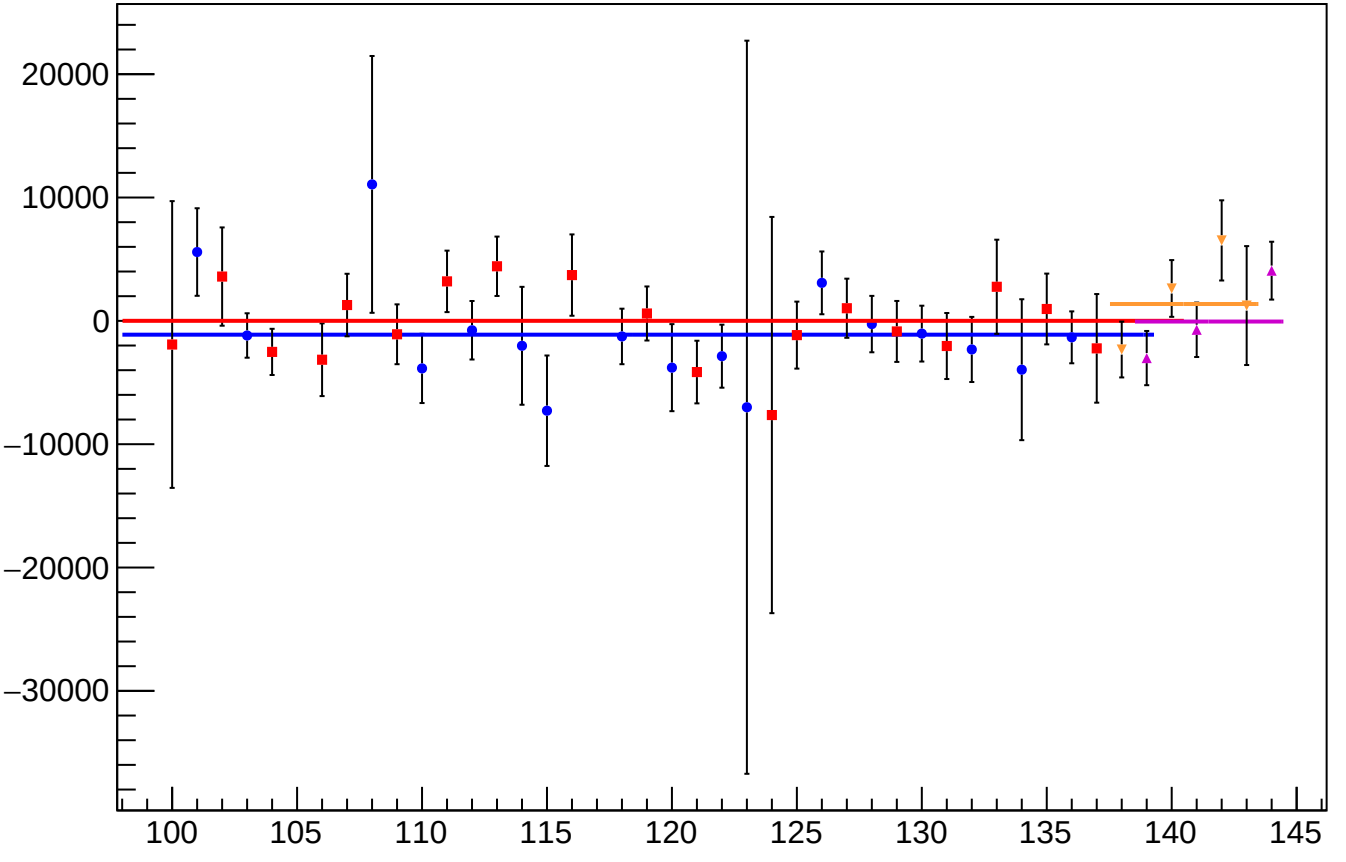
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 7878.428+/-1.875 χ^2/NDF:649437.8/19

Out: 7286.087+/-1.707 χ^2/NDF:845650.8/22

All: 7554.582+/-1.262 χ^2/NDF: 1549643.6/42

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 1366.614+/-1384.254 χ^2/NDF:5.5/3

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

Left In: -55.480+/-1297.847 χ^2/NDF:5.0/2

Left: 609.800+/-946.790 χ^2/NDF: 11.0/6

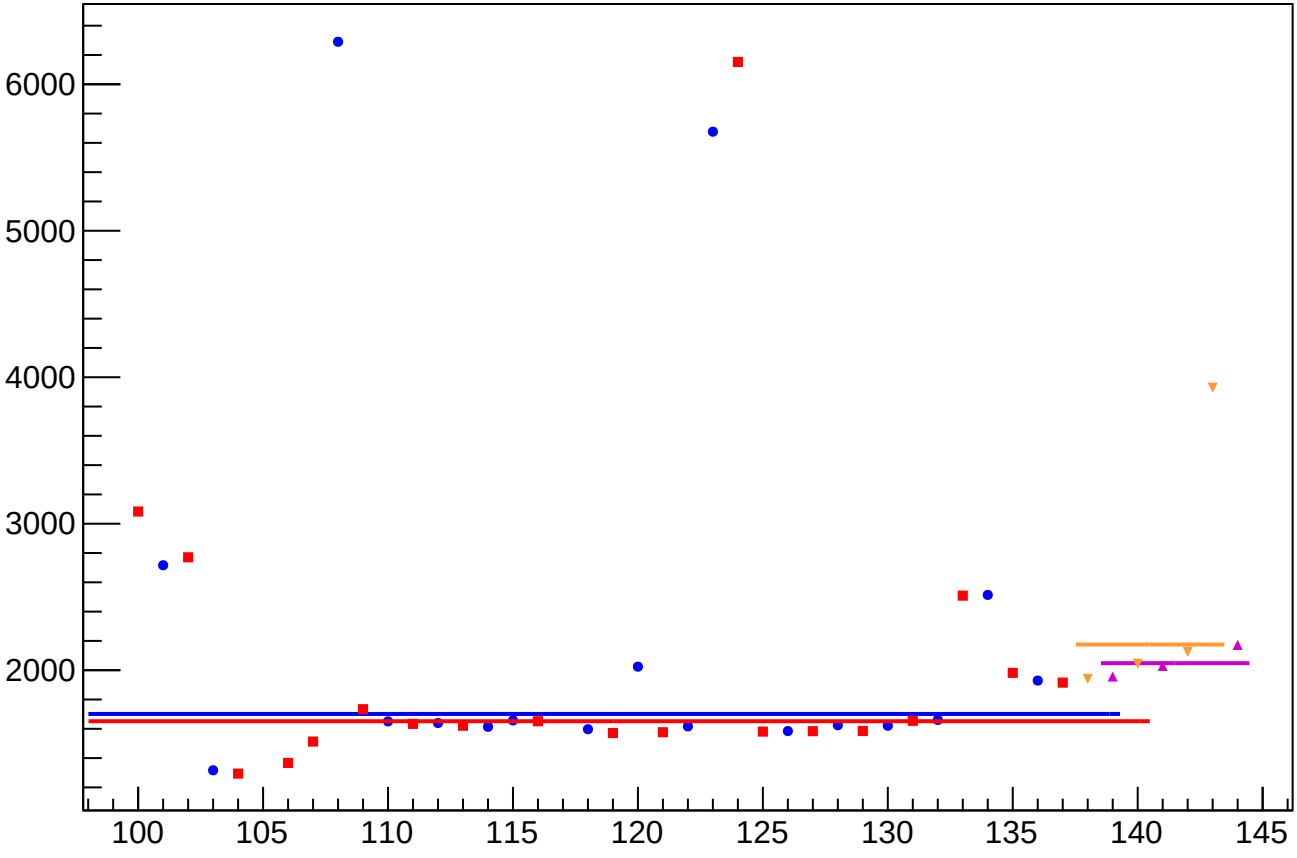
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -891.547+/-601.749 χ^2/NDF:17.8/19

Out: 242.553+/-580.675 χ^2/NDF:21.8/22

All: -304.290+/-417.851 χ^2/NDF: 41.4/42

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2175.421+/-0.979 χ^2/NDF:293005.4/3

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

Left In: 2048.183+/-0.918 χ^2/NDF:9245.3/2

Left: 2107.707+/-0.669 χ^2/NDF: 311243.4/6

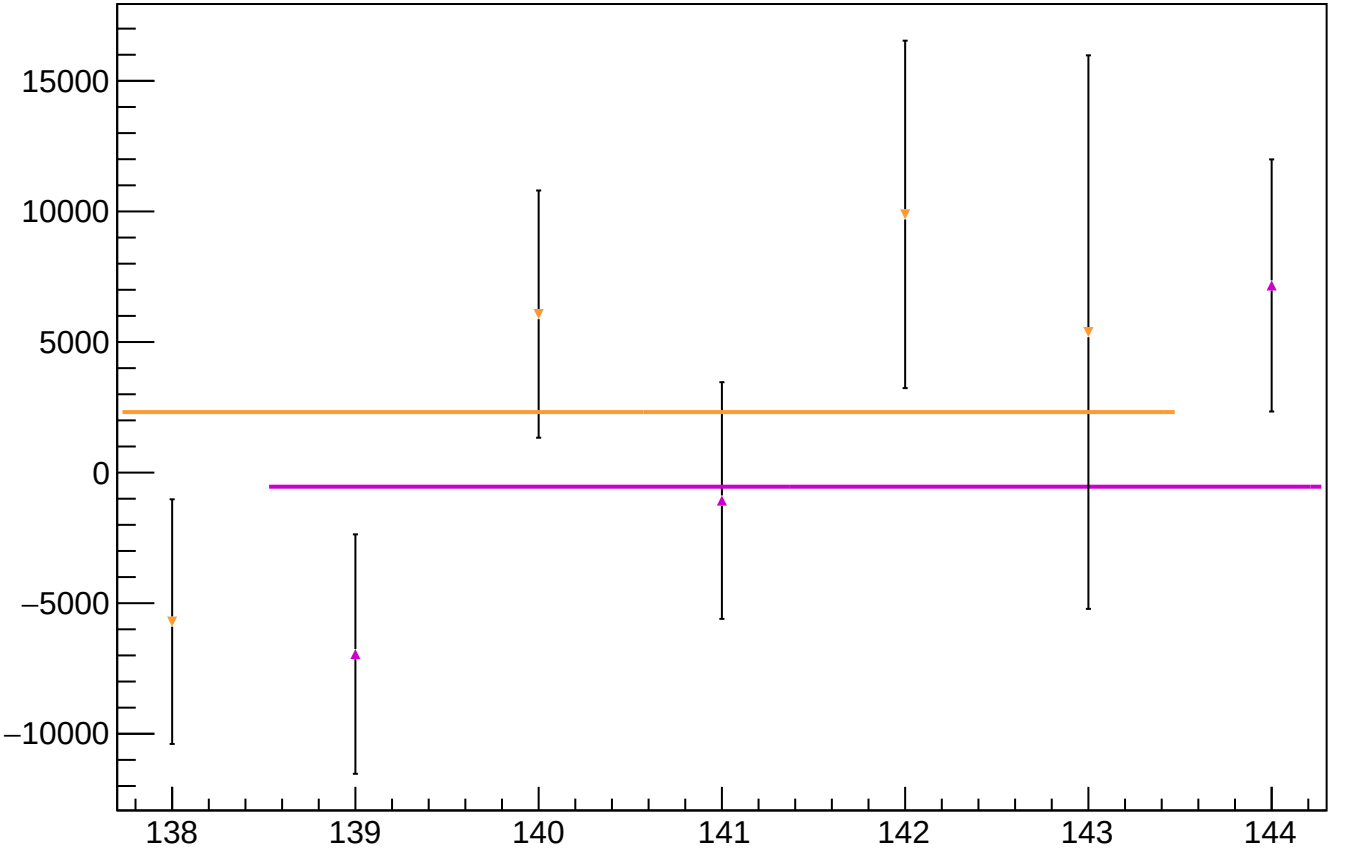
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1775.857+/-0.426 χ^2/NDF:900134.6/19

Out: 1743.886+/-0.411 χ^2/NDF:1117724.7/22

All: 1759.302+/-0.295 χ^2/NDF: 2020782.6/42

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2317.819+/-2866.211 χ^2/NDF:4.9/3

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

Left In: -539.556+/-2680.159 χ^2/NDF:4.5/2

Left: 793.389+/-1957.630 χ^2/NDF: 10.0/6

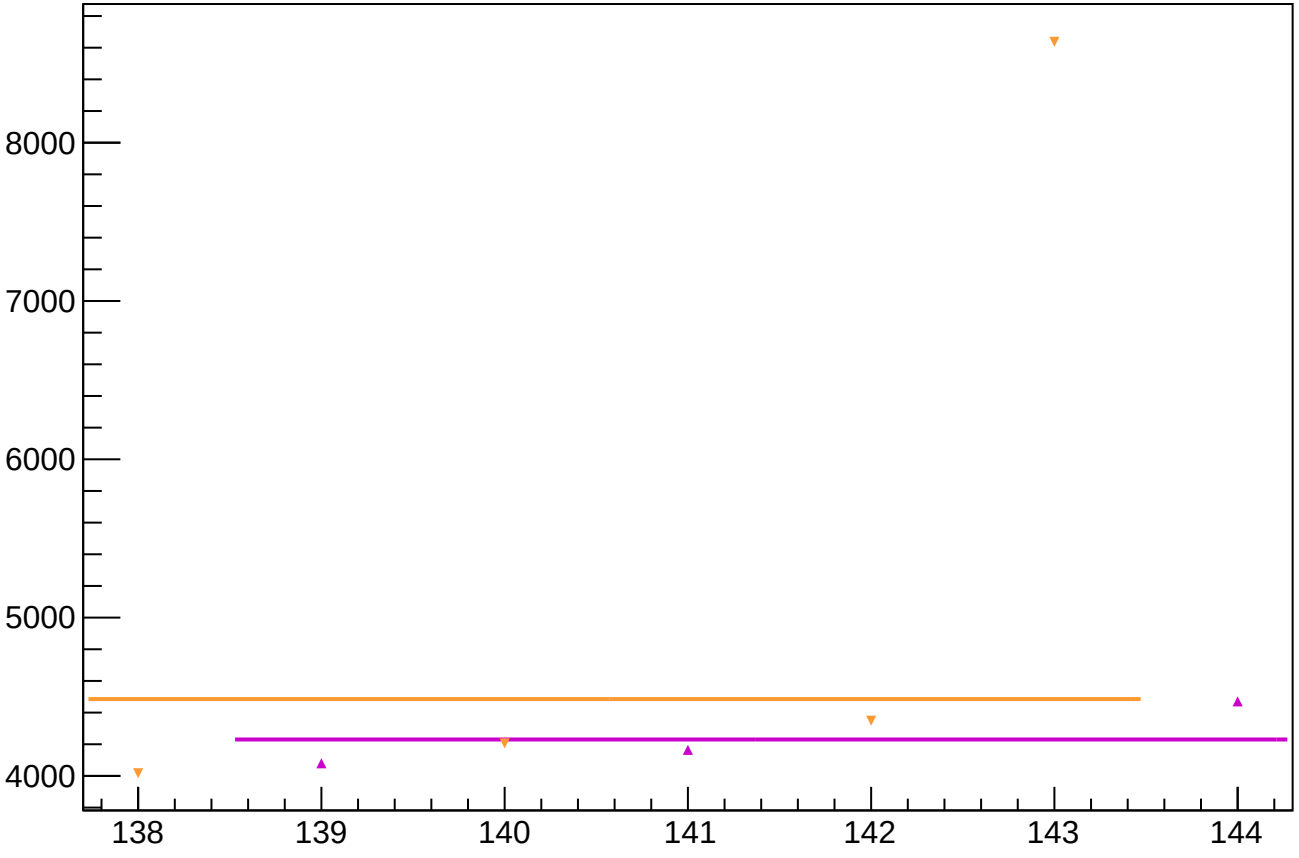
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -539.556+/-2680.159 χ^2/NDF:4.5/2

Out: 2317.819+/-2866.211 χ^2/NDF:4.9/3

All: 793.389+/-1957.630 χ^2/NDF: 10.0/6

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4485.528+/-2.027 χ^2/NDF:334754.4/3

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

Left In: 4230.126+/-1.895 χ^2/NDF:7547.2/2

Left: 4349.269+/-1.384 χ^2/NDF: 350773.8/6

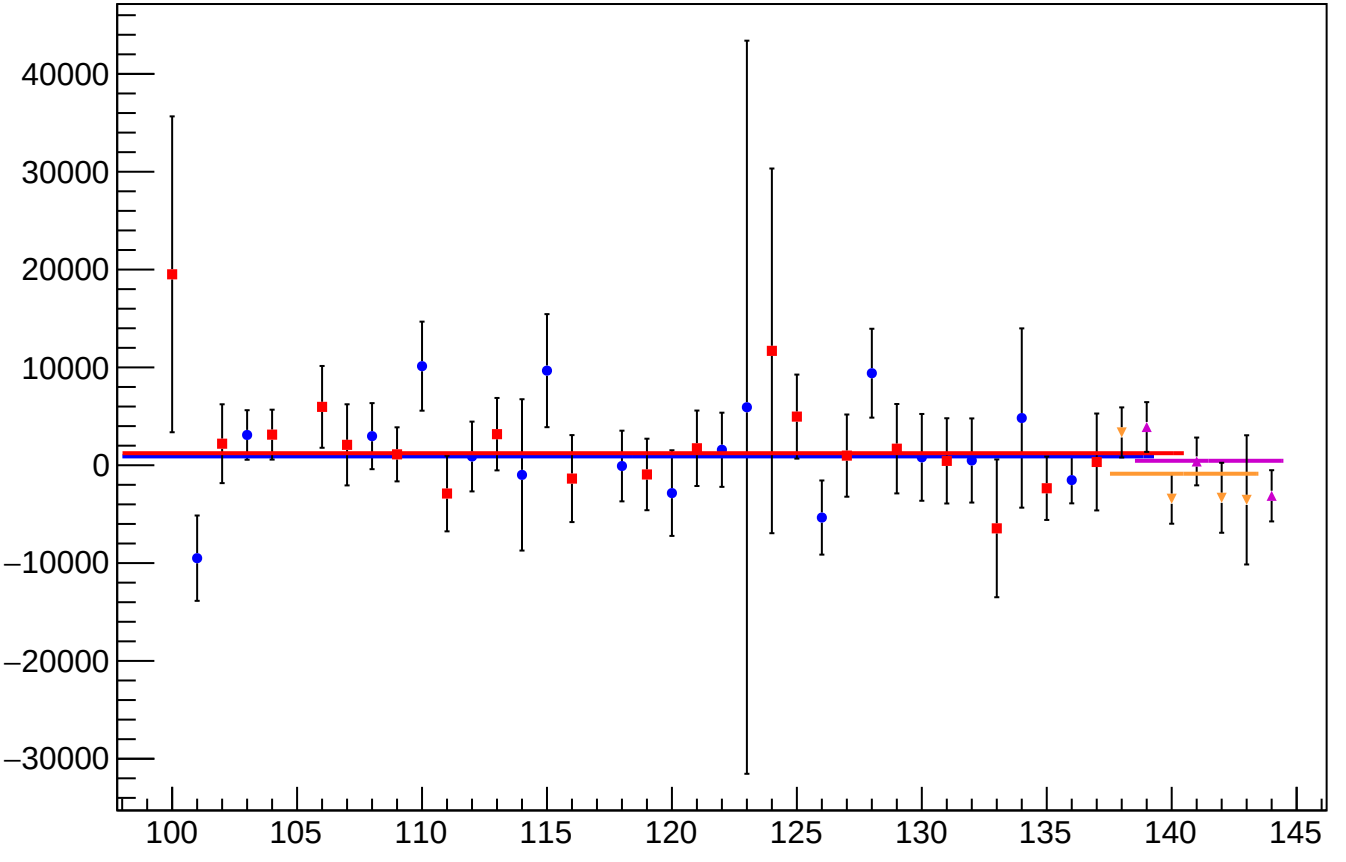
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4230.126+/-1.895 χ^2/NDF:7547.2/2

Out: 4485.528+/-2.027 χ^2/NDF:334754.4/3

All: 4349.269+/-1.384 χ^2/NDF: 350773.8/6

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -867.562+/-1567.973 χ^2/NDF:4.4/3

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

Left In: 455.735+/-1461.382 χ^2/NDF:3.7/2

Left: -159.409+/-1069.051 χ^2/NDF: 8.5/6

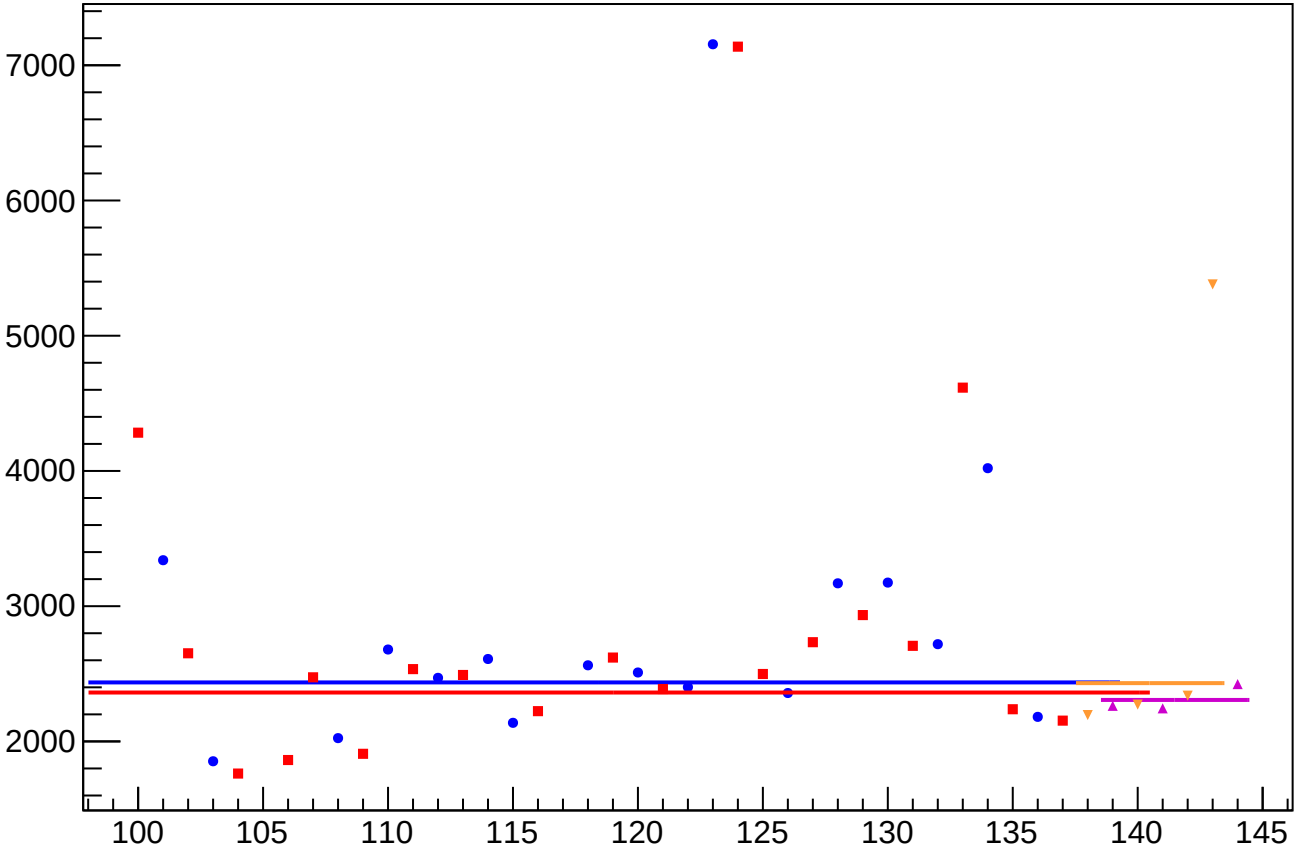
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 767.987+/-803.481 χ^2/NDF:25.4/19

Out: 689.195+/-796.716 χ^2/NDF:14.6/22

All: 728.258+/-565.740 χ^2/NDF: 40.0/42

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2431.042+/-1.109 χ^2/NDF:424822.1/3

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

Left In: 2306.655+/-1.033 χ^2/NDF:5894.1/2

Left: 2364.477+/-0.756 χ^2/NDF: 437451.8/6

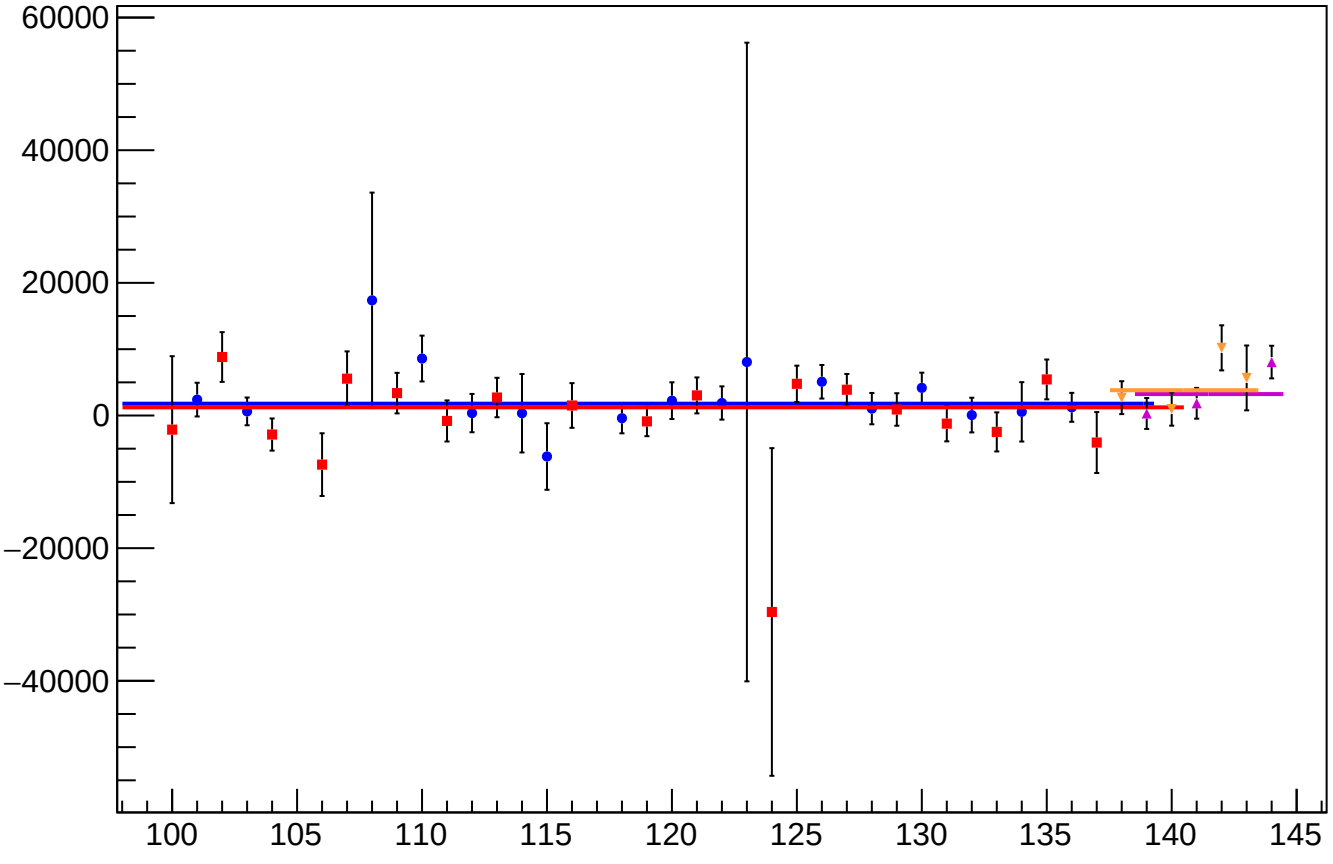
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2397.079+/-0.568 χ^2/NDF:485421.3/19

Out: 2379.498+/-0.563 χ^2/NDF:1083581.5/22

All: 2388.214+/-0.400 χ^2/NDF: 1569485.6/42

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 3811.939+/-1491.377 χ^2/NDF:5.2/3

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

Left In: 3233.670+/-1366.857 χ^2/NDF:5.8/2

Left: 3497.660+/-1007.665 χ^2/NDF: 11.0/6

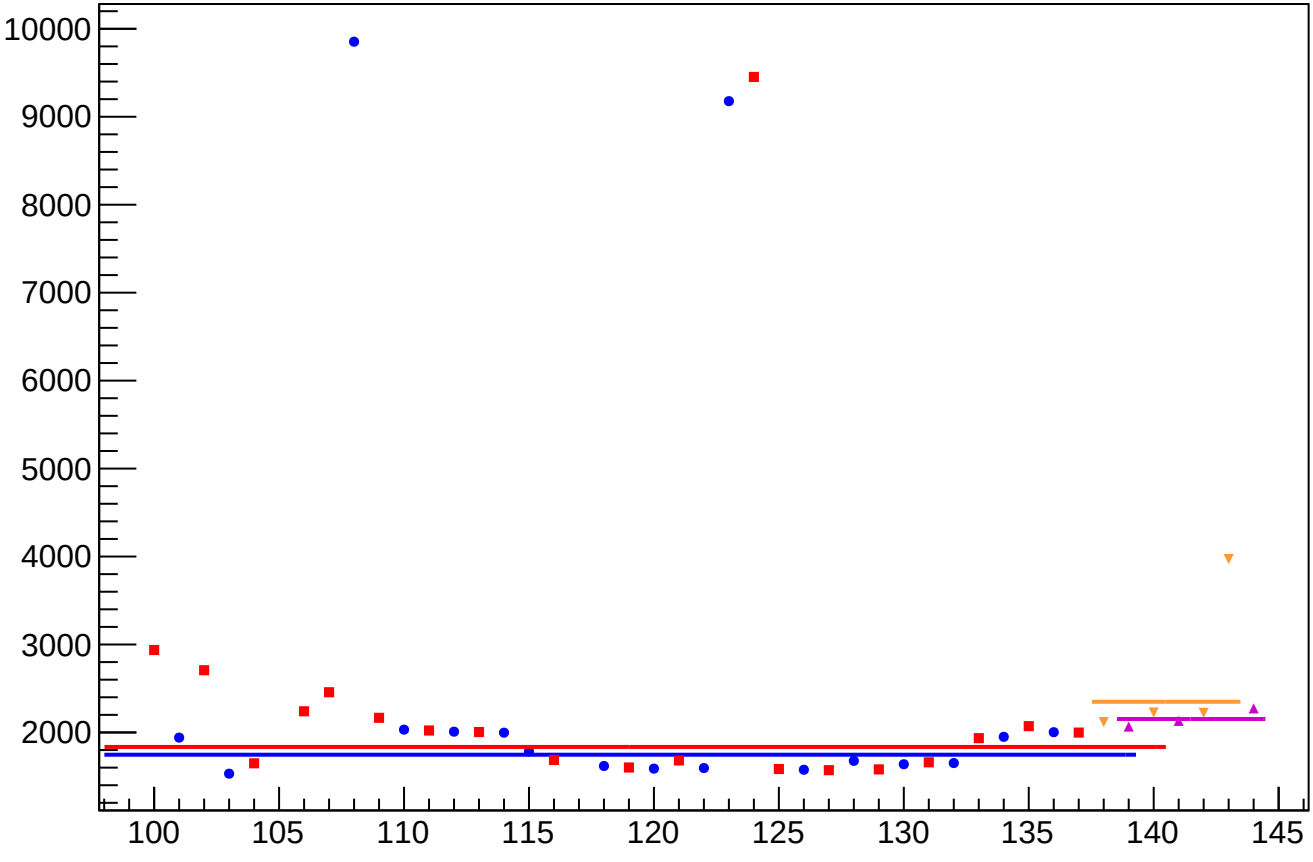
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 2081.001+/-619.092 χ^2/NDF:19.1/19

Out: 1704.447+/-639.694 χ^2/NDF:31.8/22

All: 1898.885+/-444.869 χ^2/NDF: 51.1/42

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2348.913+/-1.055 χ^2/NDF:245183.1/3

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

Left In: 2153.136+/-0.967 χ^2/NDF:7697.0/2

Left: 2242.511+/-0.713 χ^2/NDF: 271611.3/6

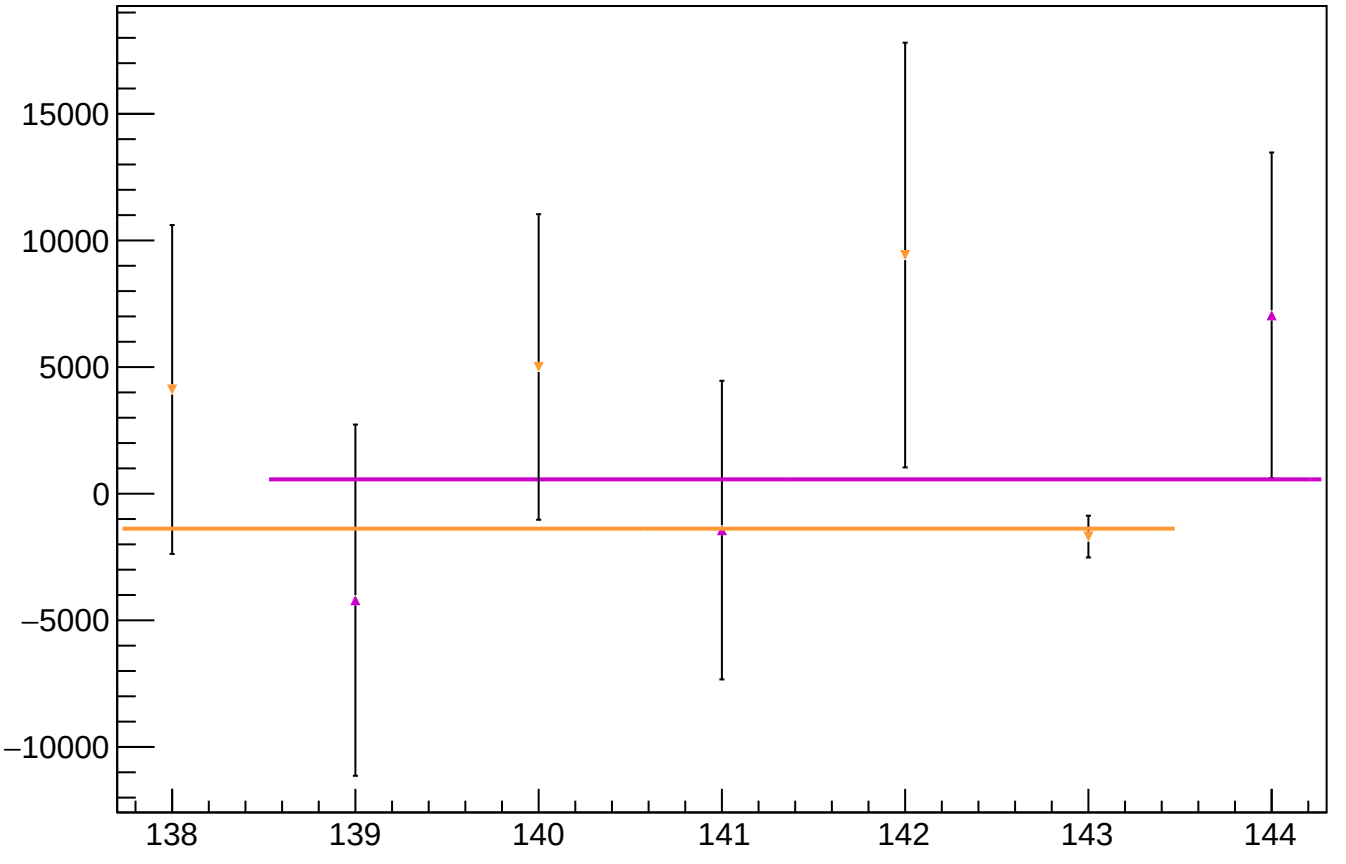
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1830.187+/-0.438 χ^2/NDF:830644.9/19

Out: 1929.702+/-0.452 χ^2/NDF:989151.4/22

All: 1878.365+/-0.314 χ^2/NDF: 1844814.3/42

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1380.366+/-806.586 χ^2/NDF:3.6/3

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

Left In: 565.870+/-3681.959 χ^2/NDF:1.6/2

Left: -1291.244+/-787.902 χ^2/NDF: 5.5/6

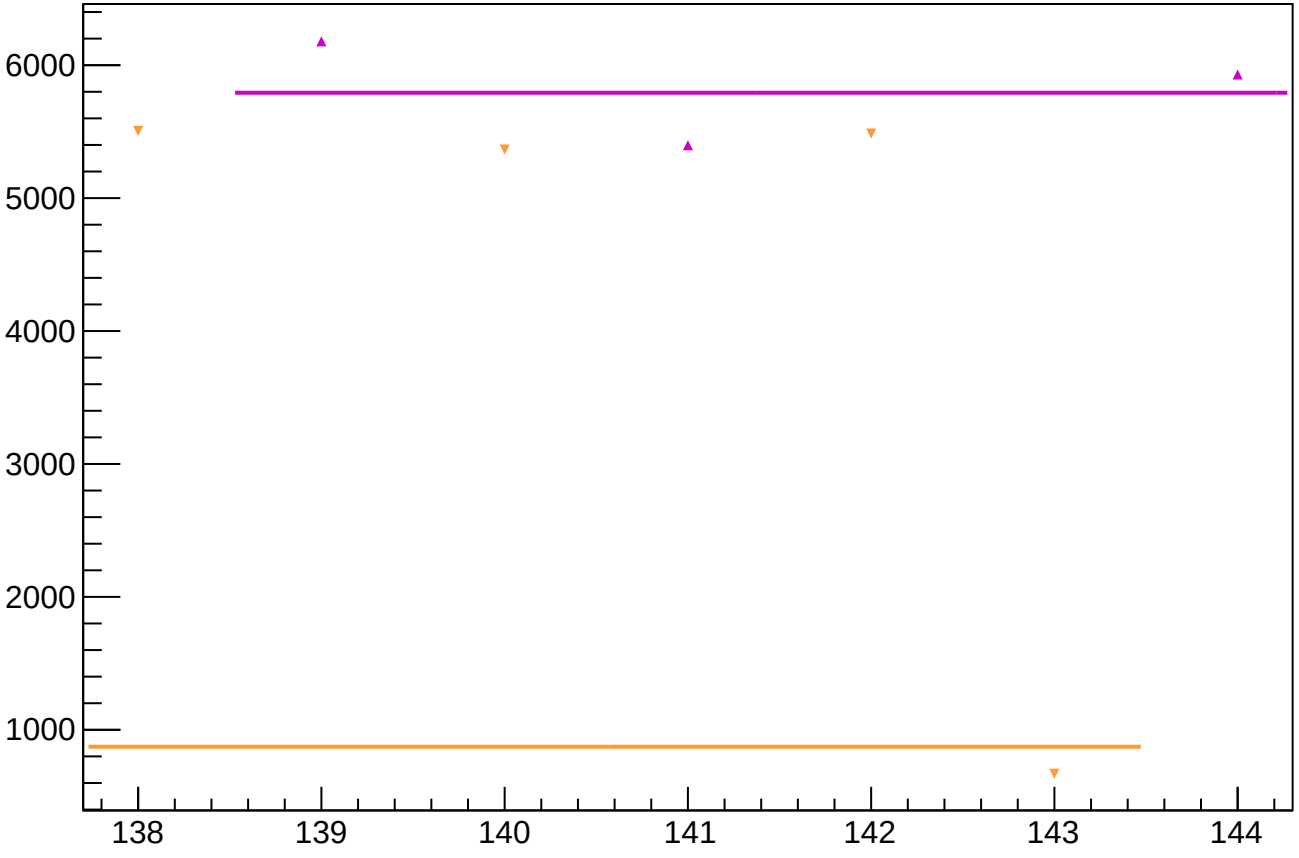
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 565.870+/-3681.959 χ^2/NDF:1.6/2

Out: -1380.366+/-806.586 χ^2/NDF:3.6/3

All: -1291.244+/-787.902 χ^2/NDF: 5.5/6

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 872.787+/-0.570 χ^2/NDF:2853114.6/3

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

Left In: 5792.801+/-2.604 χ^2/NDF:16117.1/2

Left: 1098.083+/-0.557 χ^2/NDF: 6276826.6/6

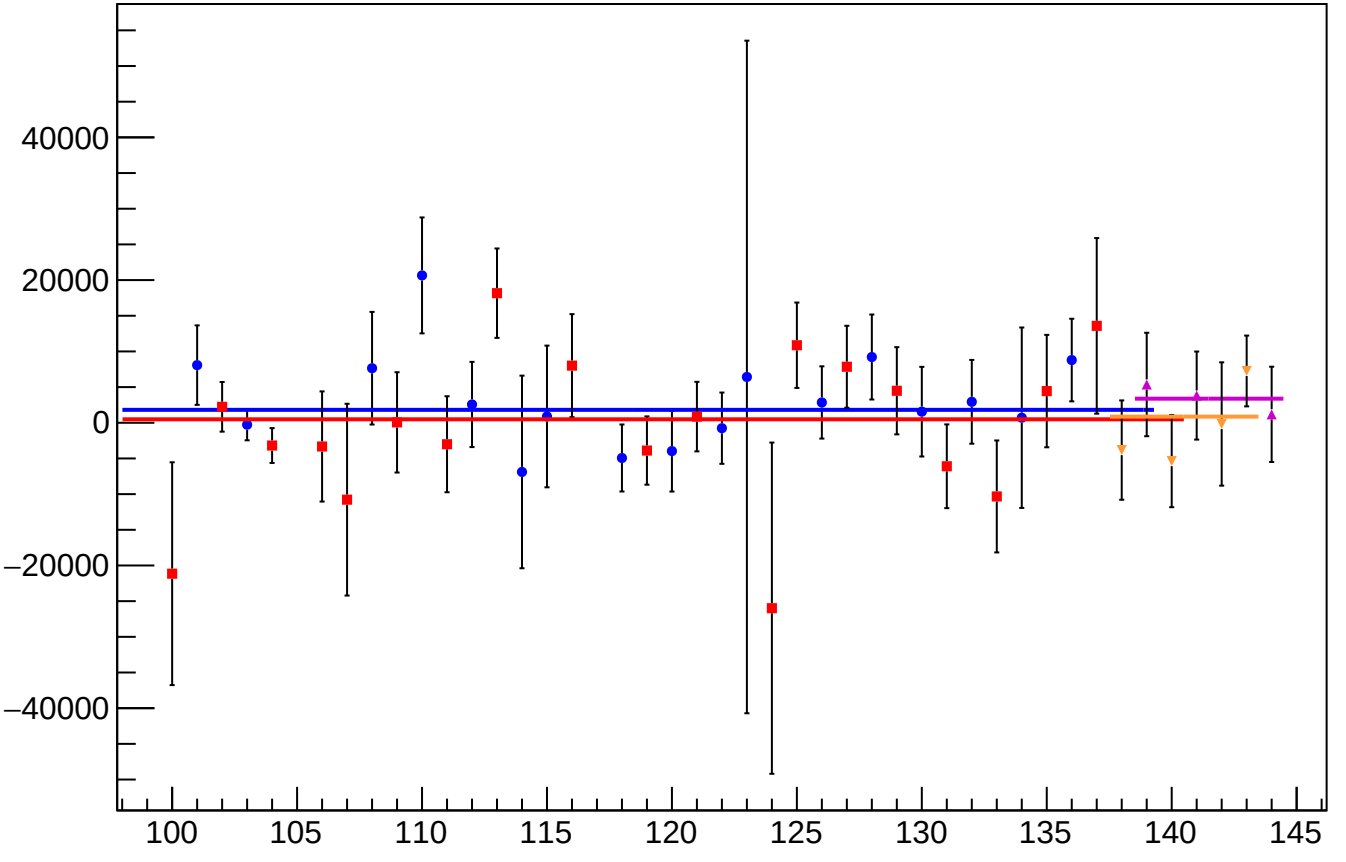
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5792.801+/-2.604 χ^2/NDF:16117.1/2

Out: 872.787+/-0.570 χ^2/NDF:2853114.6/3

All: 1098.083+/-0.557 χ^2/NDF: 6276826.6/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 862.895+/-3184.100 χ^2/NDF:3.1/3

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

Left In: 3379.508+/-3842.914 χ^2/NDF:0.2/2

Left: 1887.313+/-2451.835 χ^2/NDF: 3.5/6

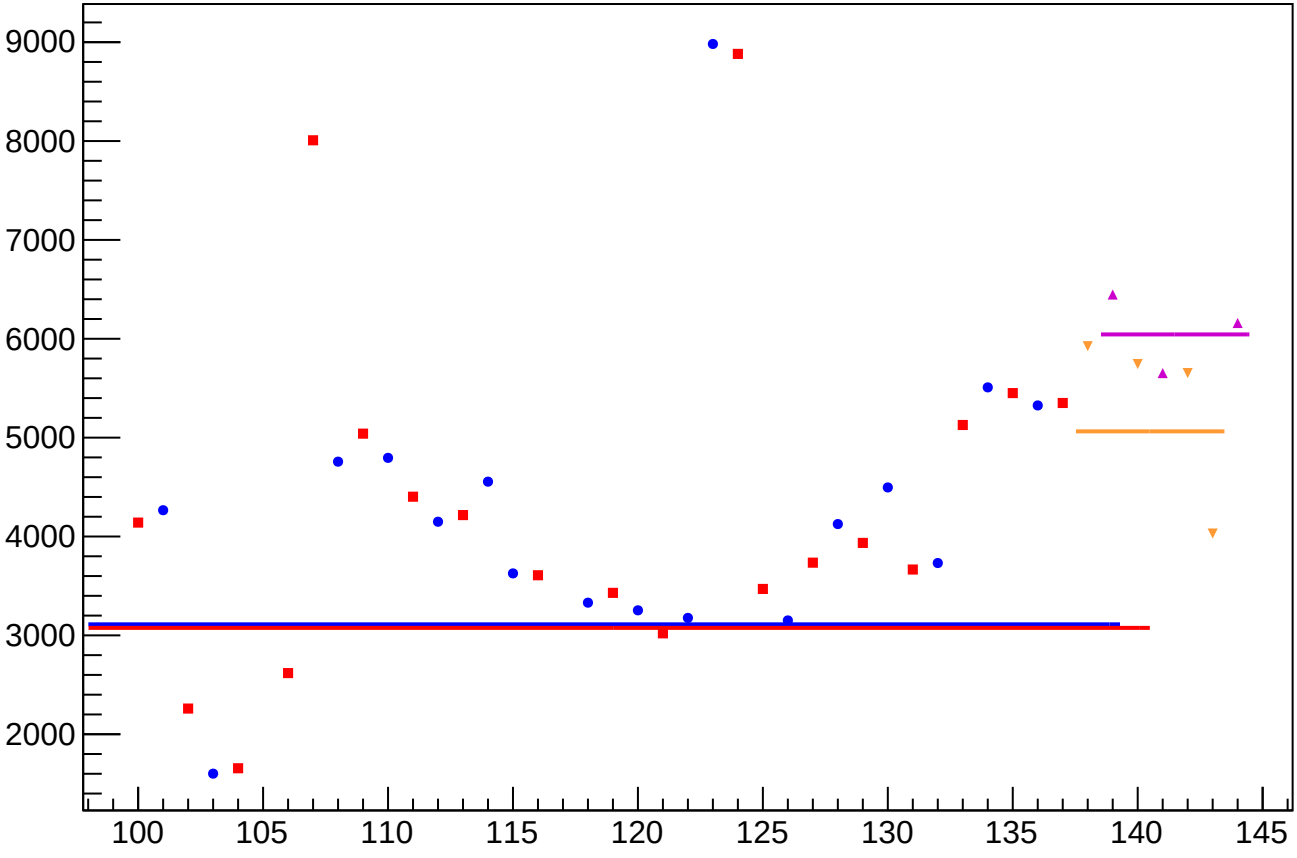
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 1975.286+/-1232.562 χ^2/NDF:15.3/19

Out: 540.891+/-1192.477 χ^2/NDF:29.6/22

All: 1234.385+/-857.029 χ^2/NDF: 45.6/42

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5063.446+/-2.251 χ^2/NDF:148977.1/3

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

Left In: 6044.111+/-2.717 χ^2/NDF:14830.2/2

Left: 5462.638+/-1.734 χ^2/NDF: 241032.4/6

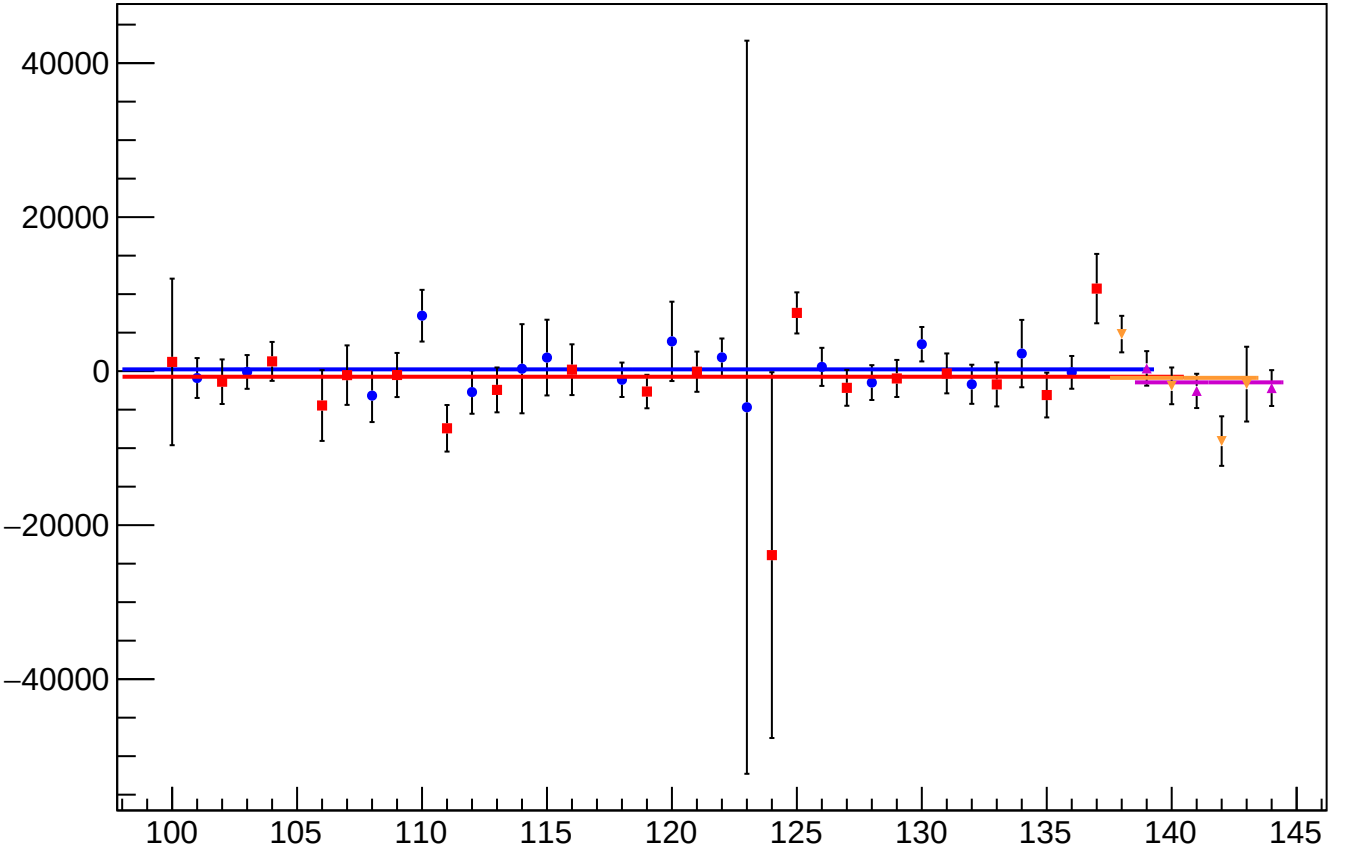
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 3413.234+/-0.872 χ^2/NDF:2938673.9/19

Out: 3347.667+/-0.833 χ^2/NDF:2831289.6/22

All: 3378.956+/-0.602 χ^2/NDF: 5772922.2/42

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -868.789+/-1424.476 χ^2/NDF:12.5/3

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

Left In: -1455.410+/-1306.774 χ^2/NDF:1.0/2

Left: -1187.333+/-962.955 χ^2/NDF: 13.6/6

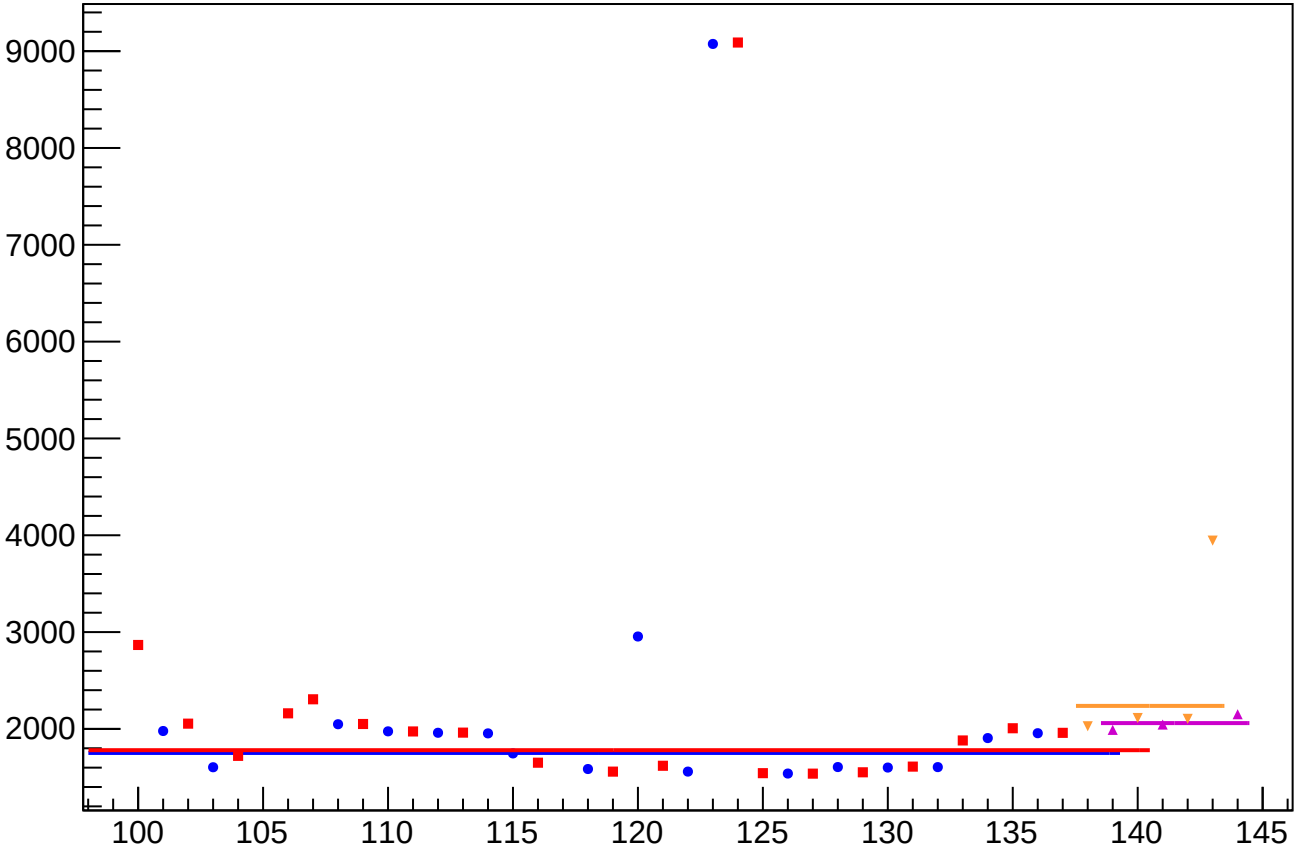
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -132.955+/-607.939 χ^2/NDF:13.9/19

Out: -752.902+/-616.727 χ^2/NDF:38.3/22

All: -438.480+/-432.952 χ^2/NDF: 52.7/42

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2237.676+/-1.007 χ^2/NDF:271861.1/3

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

Left In: 2060.052+/-0.924 χ^2/NDF:5131.1/2

Left: 2141.224+/-0.681 χ^2/NDF: 293878.6/6

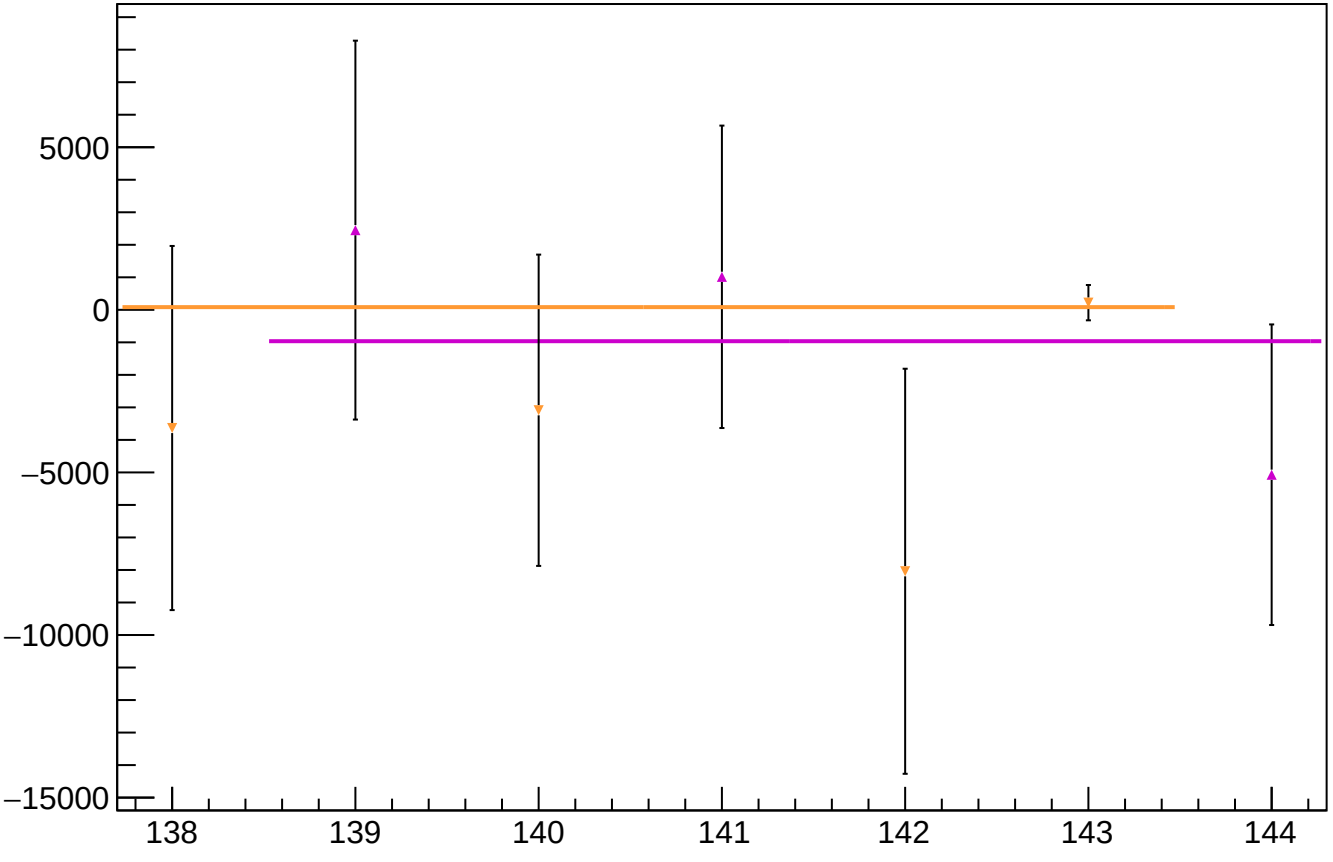
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1818.555+/-0.430 χ^2/NDF:393201.4/19

Out: 1865.738+/-0.436 χ^2/NDF:867895.1/22

All: 1841.838+/-0.306 χ^2/NDF: 1267041.5/42

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 82.861+/-534.994 χ^2/NDF:2.6/3

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

Left In: -964.589+/-2856.901 χ^2/NDF:1.3/2

Left: 47.374+/-525.853 χ^2/NDF: 4.1/6

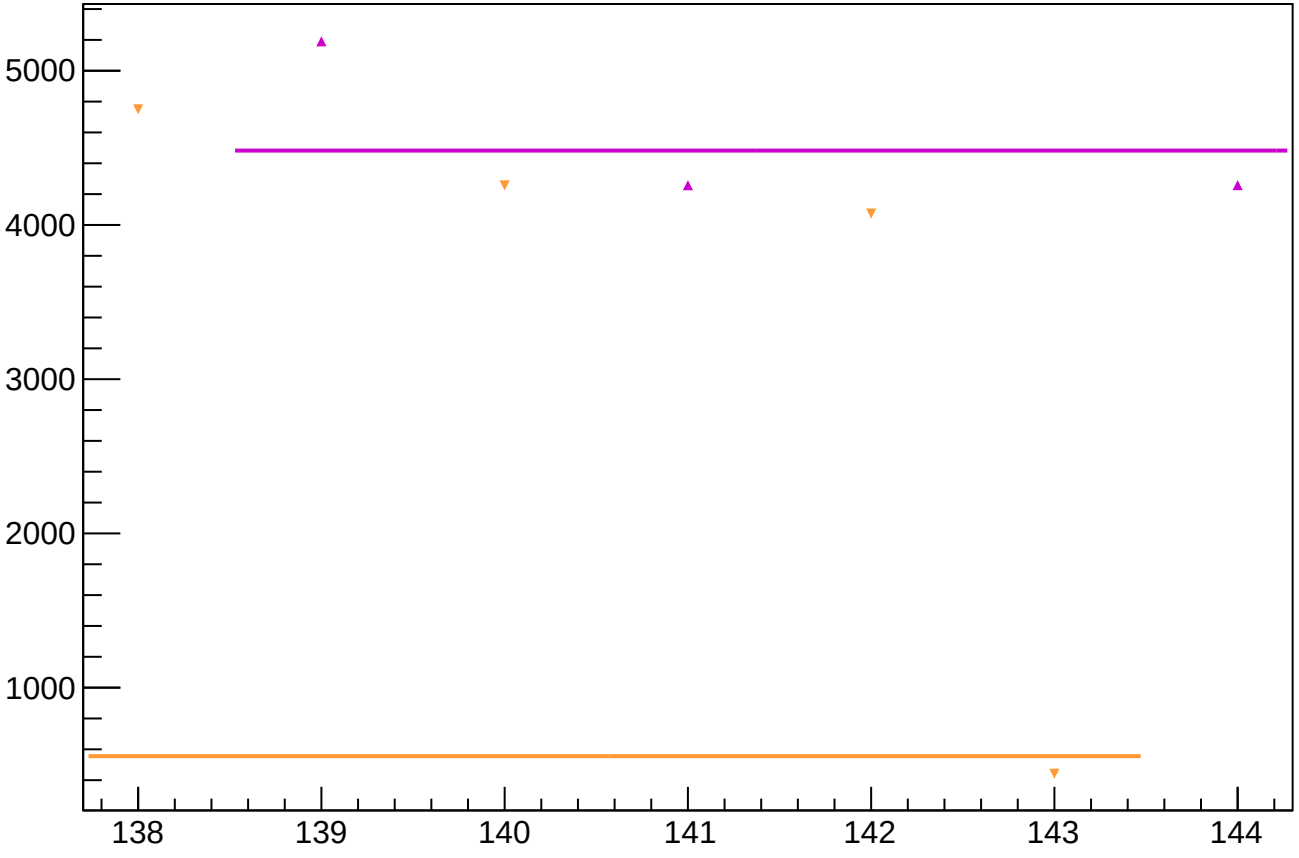
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -964.589+/-2856.901 χ^2/NDF:1.3/2

Out: 82.861+/-534.994 χ^2/NDF:2.6/3

All: 47.374+/-525.853 χ^2/NDF: 4.1/6

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 555.495+/-0.378 χ^2/NDF:3044358.1/3

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

Left In: 4482.359+/-2.020 χ^2/NDF:38946.5/2

Left: 688.536+/-0.372 χ^2/NDF: 6733890.7/6

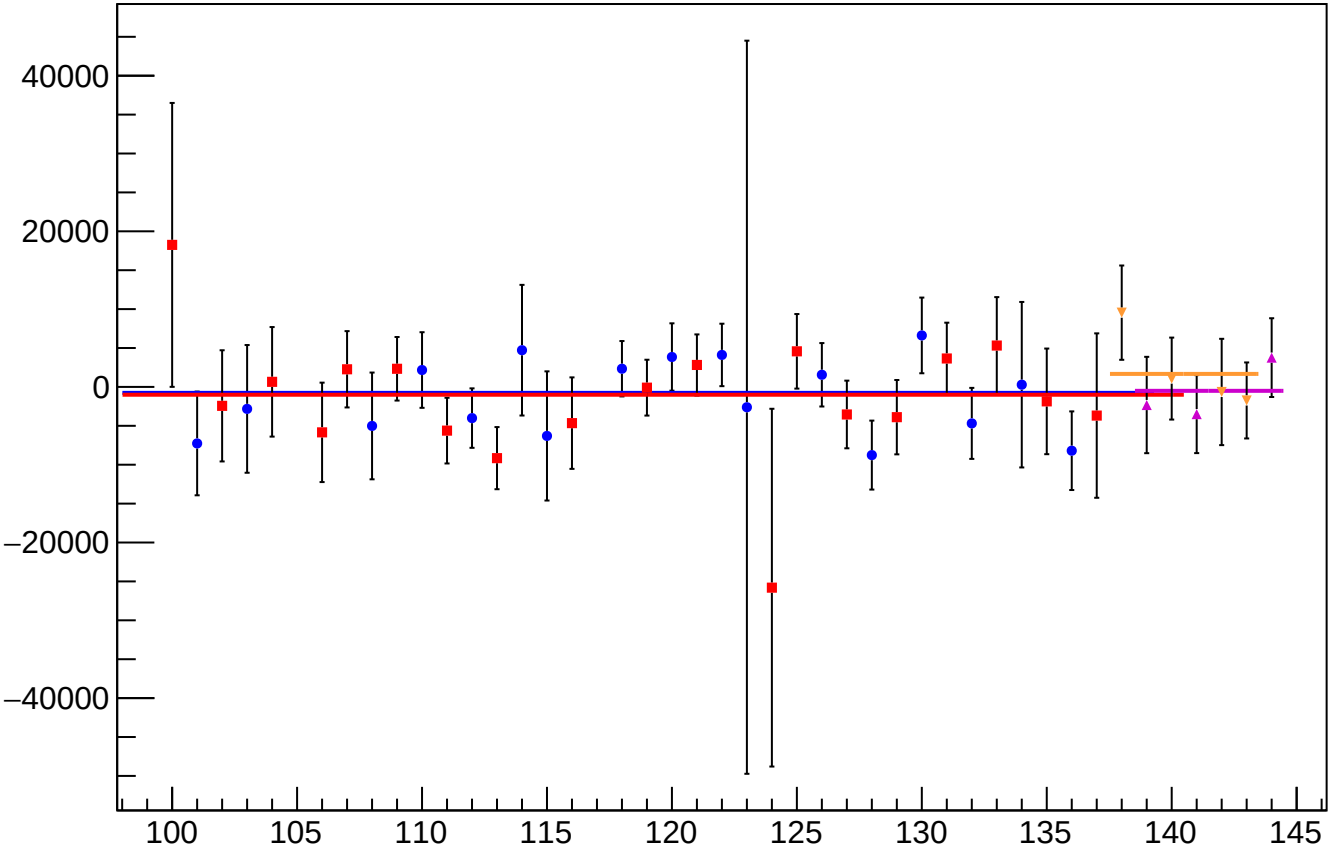
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4482.359+/-2.020 χ^2/NDF:38946.5/2

Out: 555.495+/-0.378 χ^2/NDF:3044358.1/3

All: 688.536+/-0.372 χ^2/NDF: 6733890.7/6

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1671.409+/-2810.471 χ^2/NDF:2.3/3

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

Left In: -503.974+/-3087.552 χ^2/NDF:1.2/2

Left: 685.689+/-2078.371 χ^2/NDF: 3.7/6

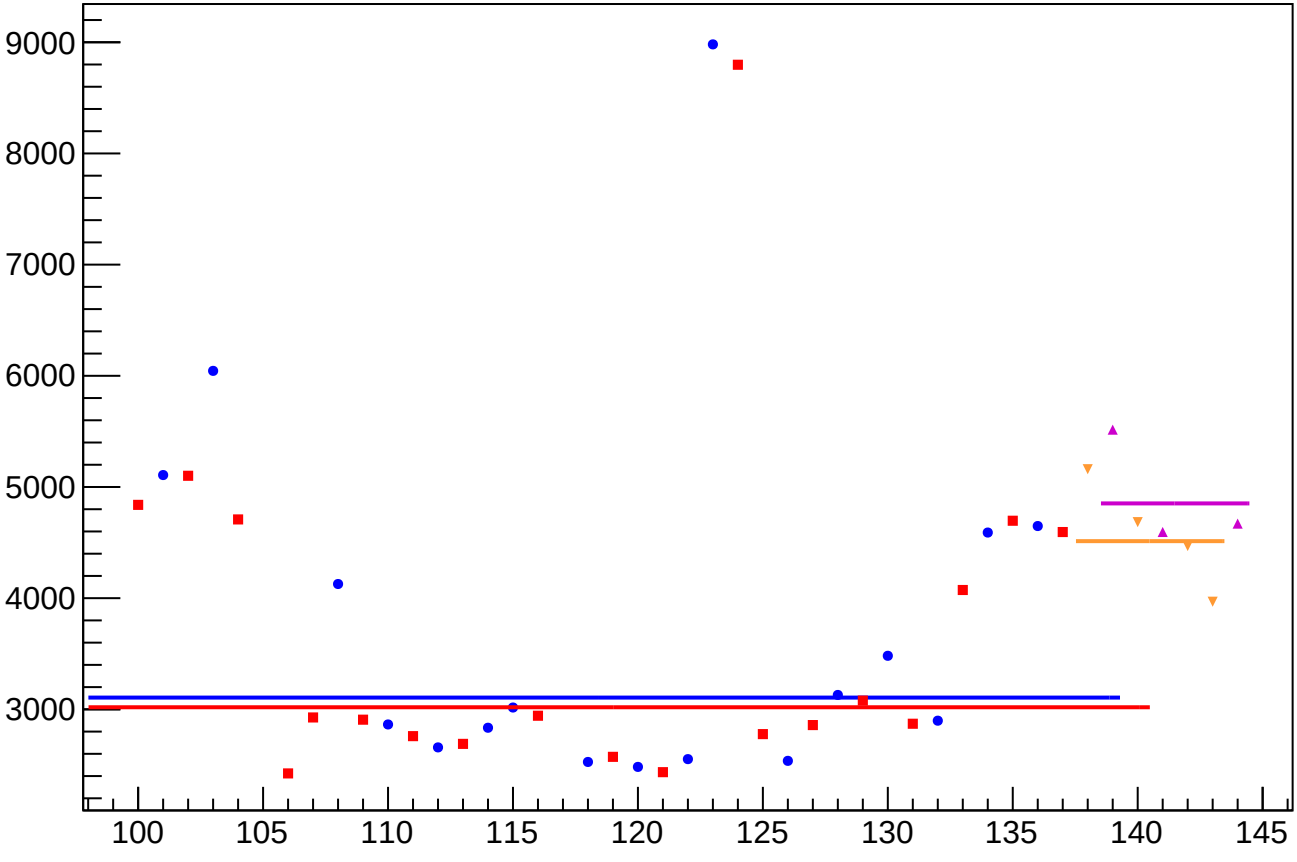
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -728.449+/-1156.818 χ^2/NDF:16.7/19

Out: -597.292+/-1096.689 χ^2/NDF:18.1/22

All: -659.374+/-795.884 χ^2/NDF: 34.8/42

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4512.873+/-1.987 χ^2/NDF:49863.5/3

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

Left In: 4852.283+/-2.183 χ^2/NDF:30783.6/2

Left: 4666.668+/-1.470 χ^2/NDF: 93864.3/6

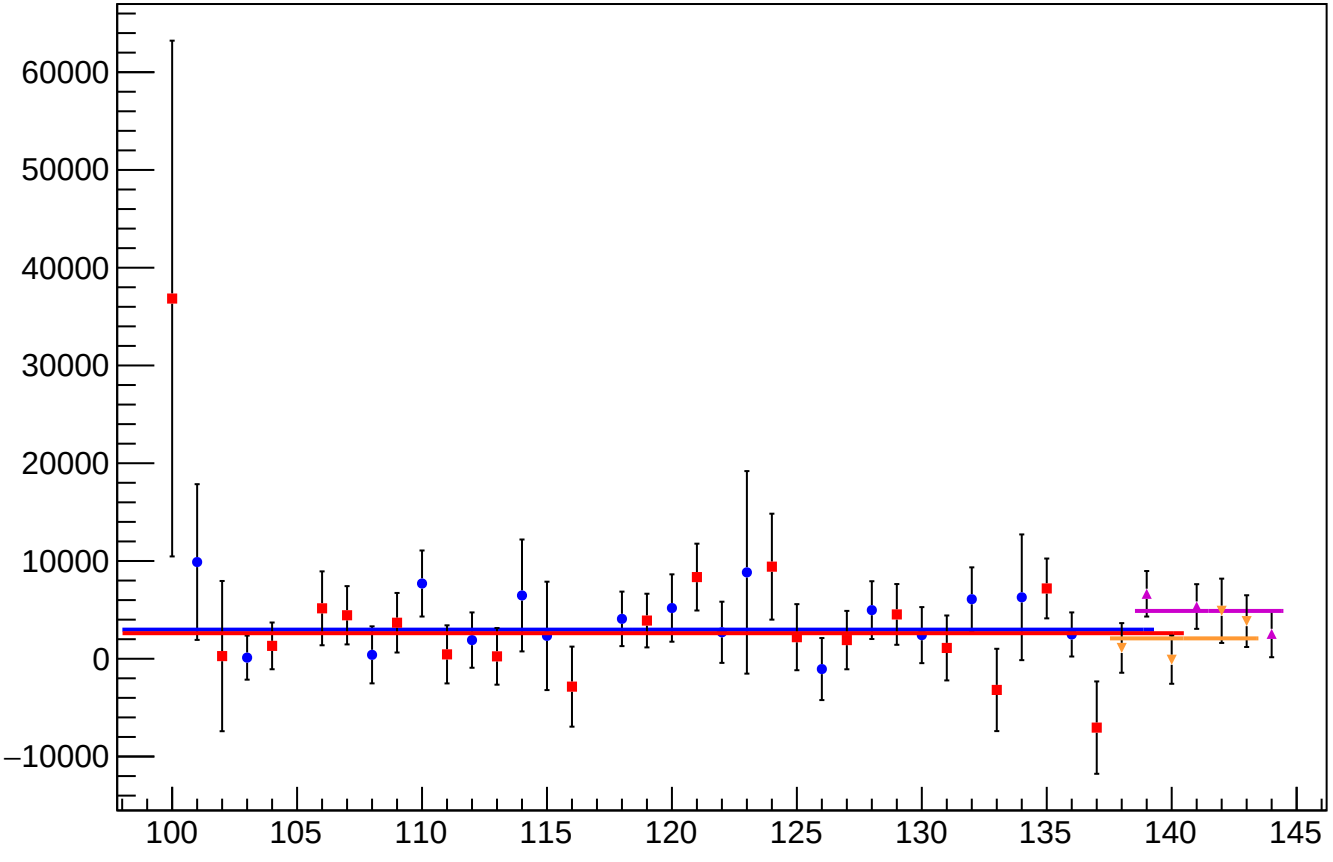
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3351.010+/-0.818 χ^2/NDF:1540674.0/19

Out: 3241.491+/-0.767 χ^2/NDF:1325116.7/22

All: 3292.750+/-0.560 χ^2/NDF: 2875326.6/42

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2084.398+/-1341.471 χ^2/NDF:2.1/3

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

Left In: 4891.220+/-1347.114 χ^2/NDF:1.6/2

Left: 3481.918+/-950.552 χ^2/NDF: 5.9/6

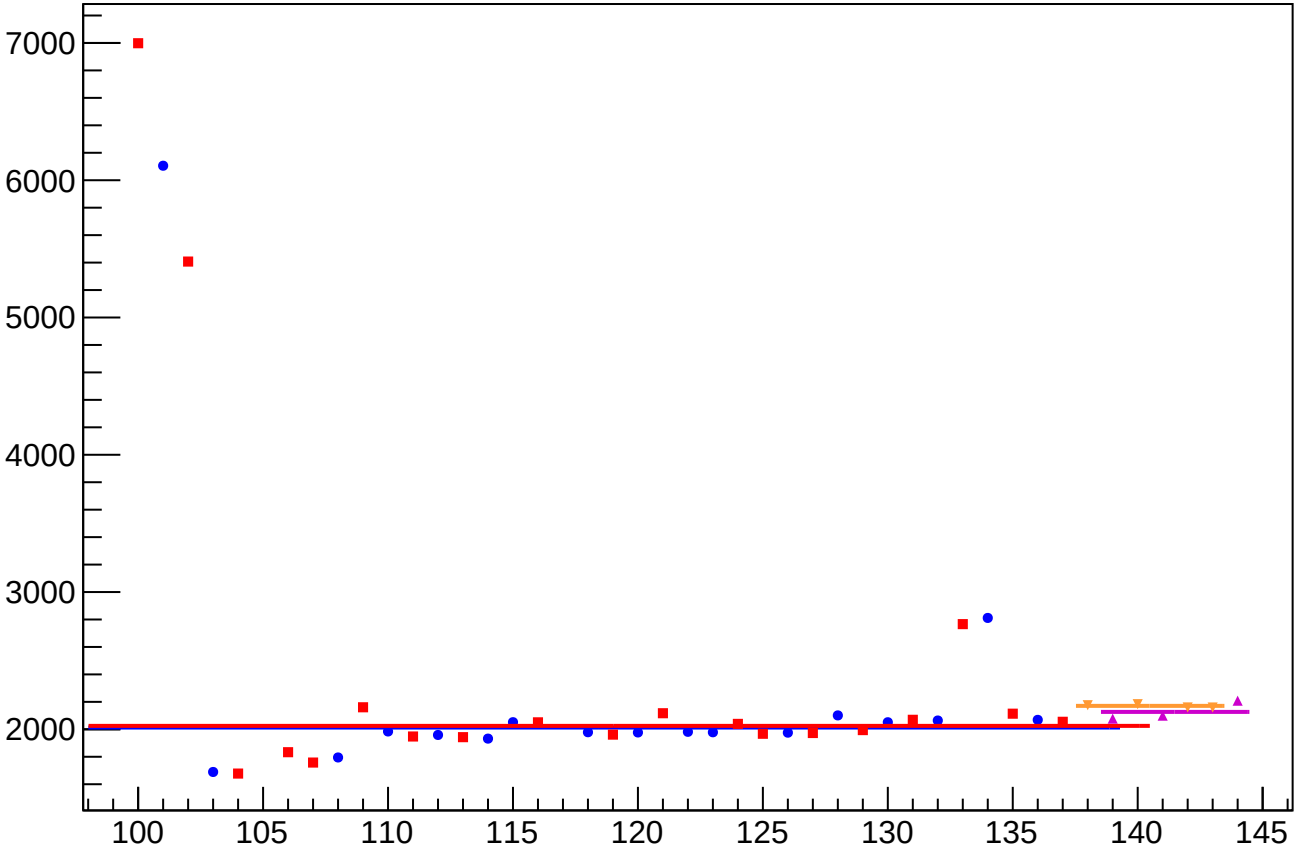
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3472.906+/-684.918 χ^2/NDF:12.9/19

Out: 2479.273+/-676.381 χ^2/NDF:21.8/22

All: 2969.859+/-481.264 χ^2/NDF: 35.8/42

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2170.803+/-0.949 χ^2/NDF:121.3/3

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

Left In: 2126.820+/-0.953 χ^2/NDF:3512.9/2

Left: 2148.904+/-0.672 χ^2/NDF: 4704.7/6

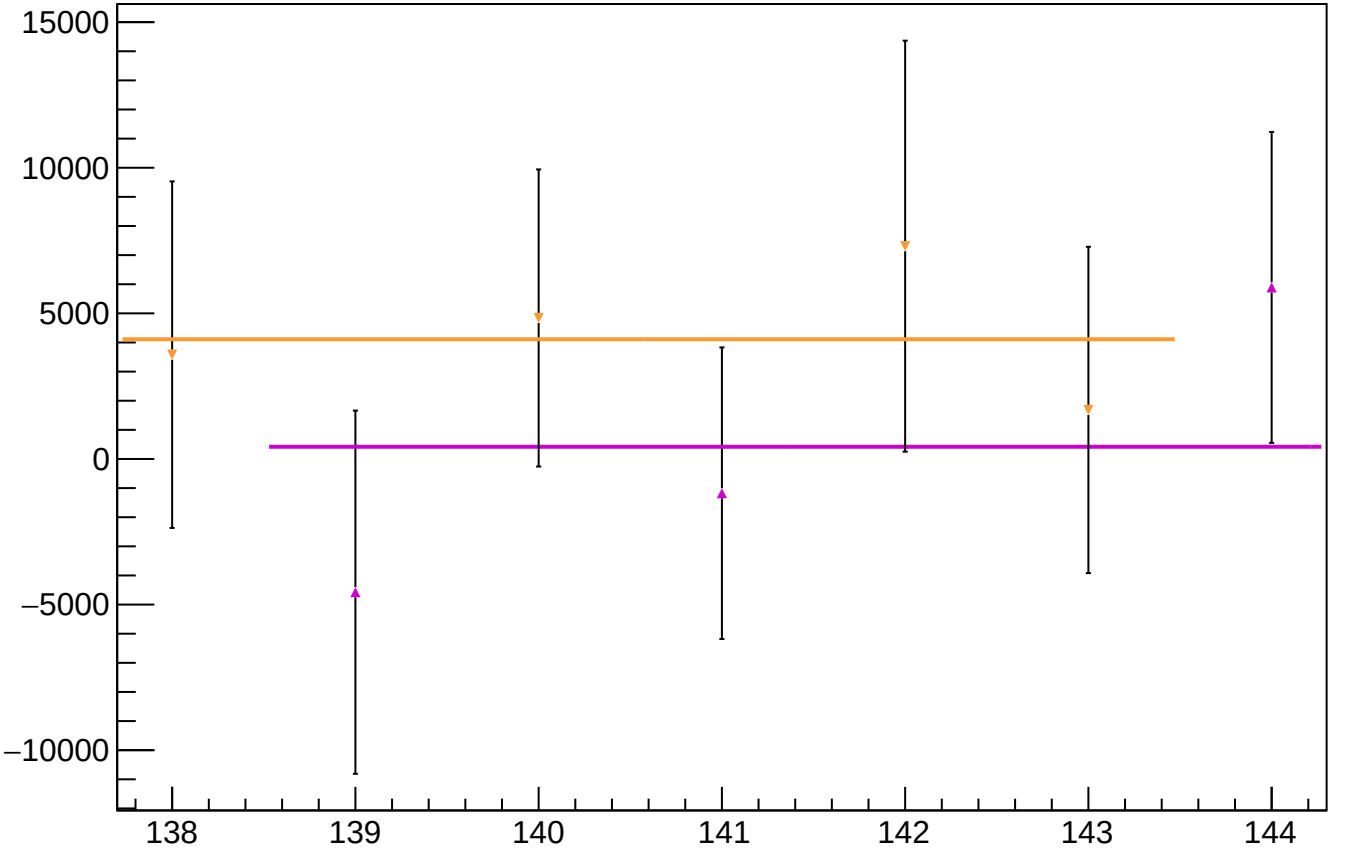
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2042.382+/-0.484 χ^2/NDF:631817.5/19

Out: 2062.101+/-0.478 χ^2/NDF:615149.9/22

All: 2052.368+/-0.340 χ^2/NDF: 1247806.8/42

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4110.889+/-2903.579 χ^2/NDF:0.4/3

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

Left In: 419.668+/-3151.181 χ^2/NDF:1.8/2

Left: 2415.975+/-2135.317 χ^2/NDF: 3.0/6

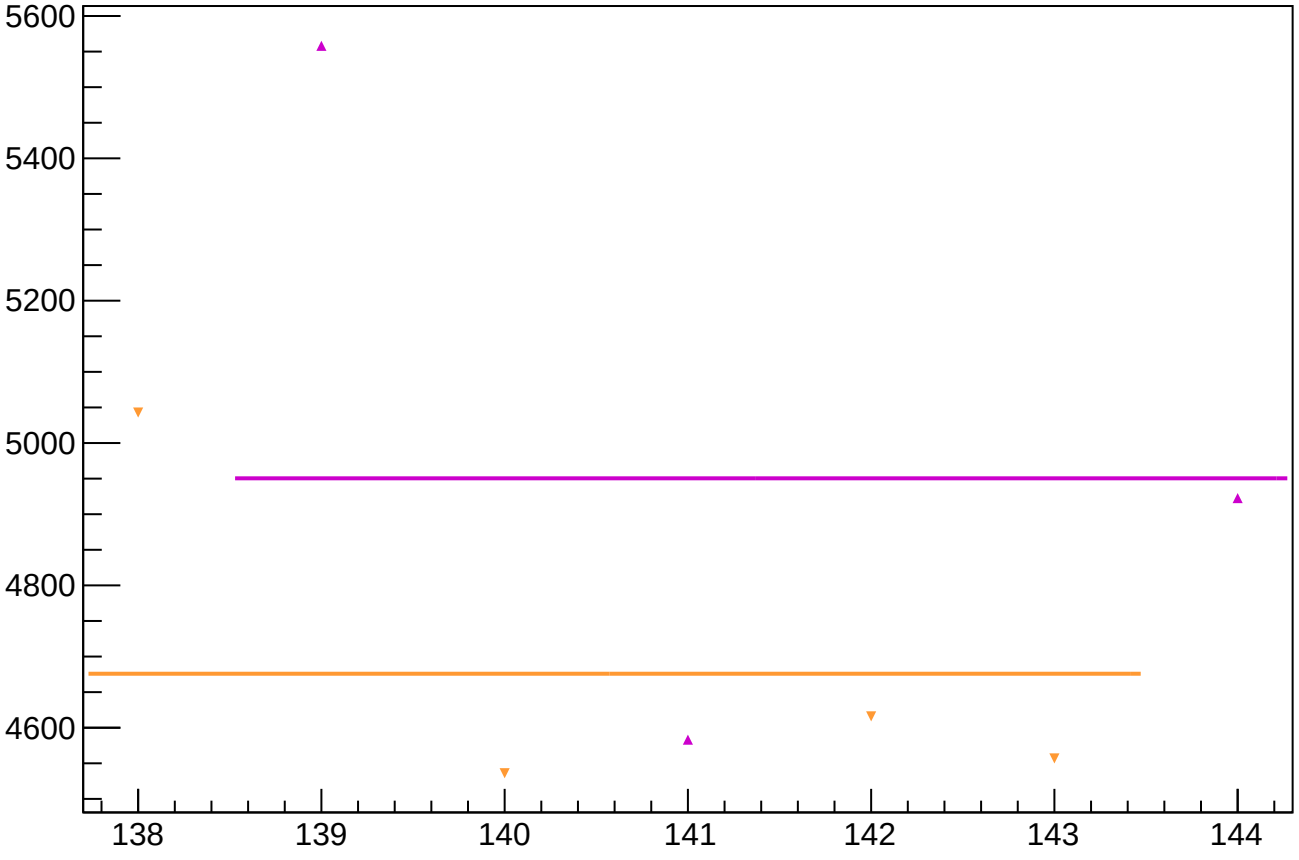
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 419.668+/-3151.181 χ^2/NDF:1.8/2

Out: 4110.889+/-2903.579 χ^2/NDF:0.4/3

All: 2415.975+/-2135.317 χ^2/NDF: 3.0/6

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4675.861+/-2.053 χ^2/NDF:10156.4/3

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

Left In: 4950.422+/-2.228 χ^2/NDF:29801.1/2

Left: 4801.932+/-1.510 χ^2/NDF: 48168.9/6

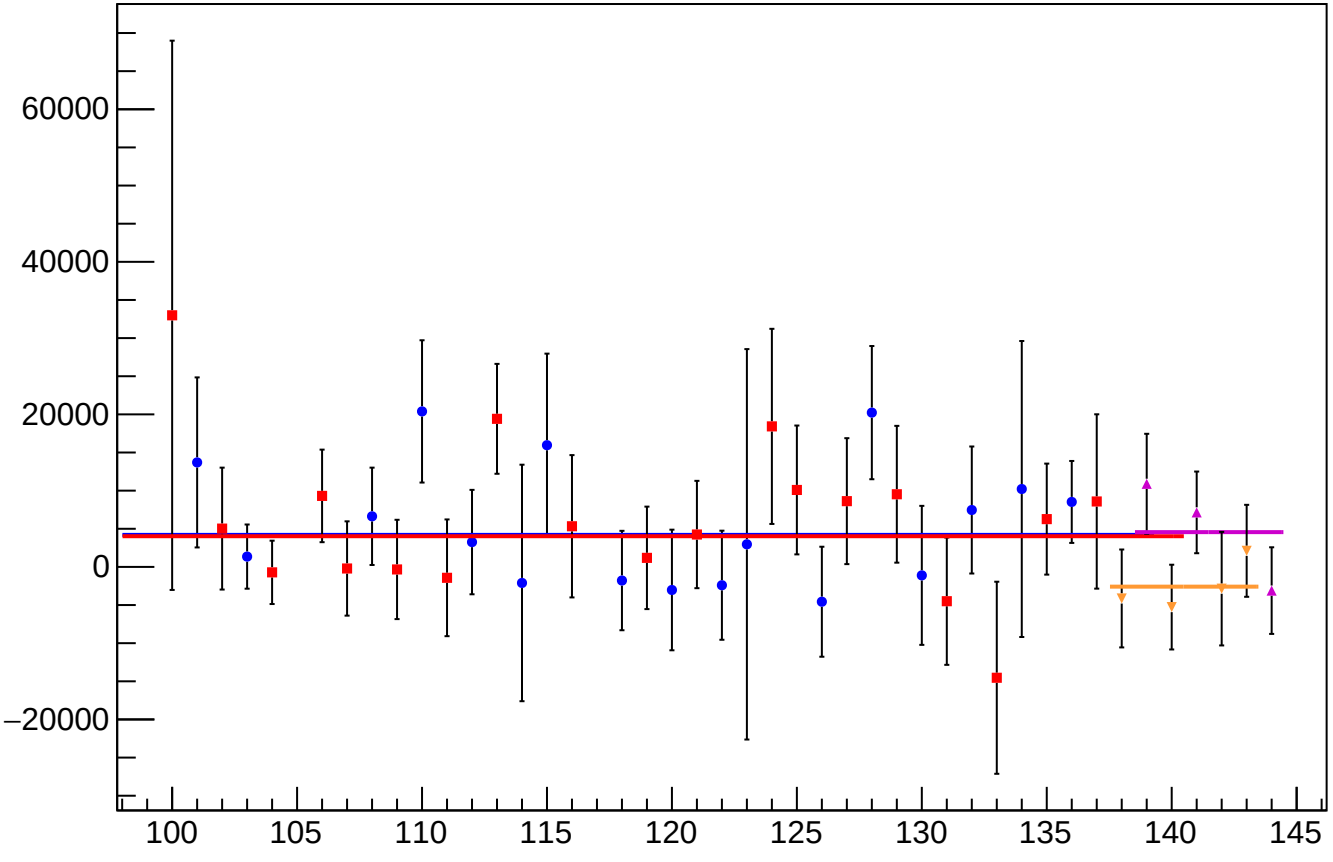
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4950.422+/-2.228 χ^2/NDF:29801.1/2

Out: 4675.861+/-2.053 χ^2/NDF:10156.4/3

All: 4801.932+/-1.510 χ^2/NDF: 48168.9/6

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -2587.794+/-3127.649 χ^2/NDF:0.9/3

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

Left In: 4560.175+/-3349.152 χ^2/NDF:3.0/2

Left: 742.020+/-2285.880 χ^2/NDF: 6.3/6

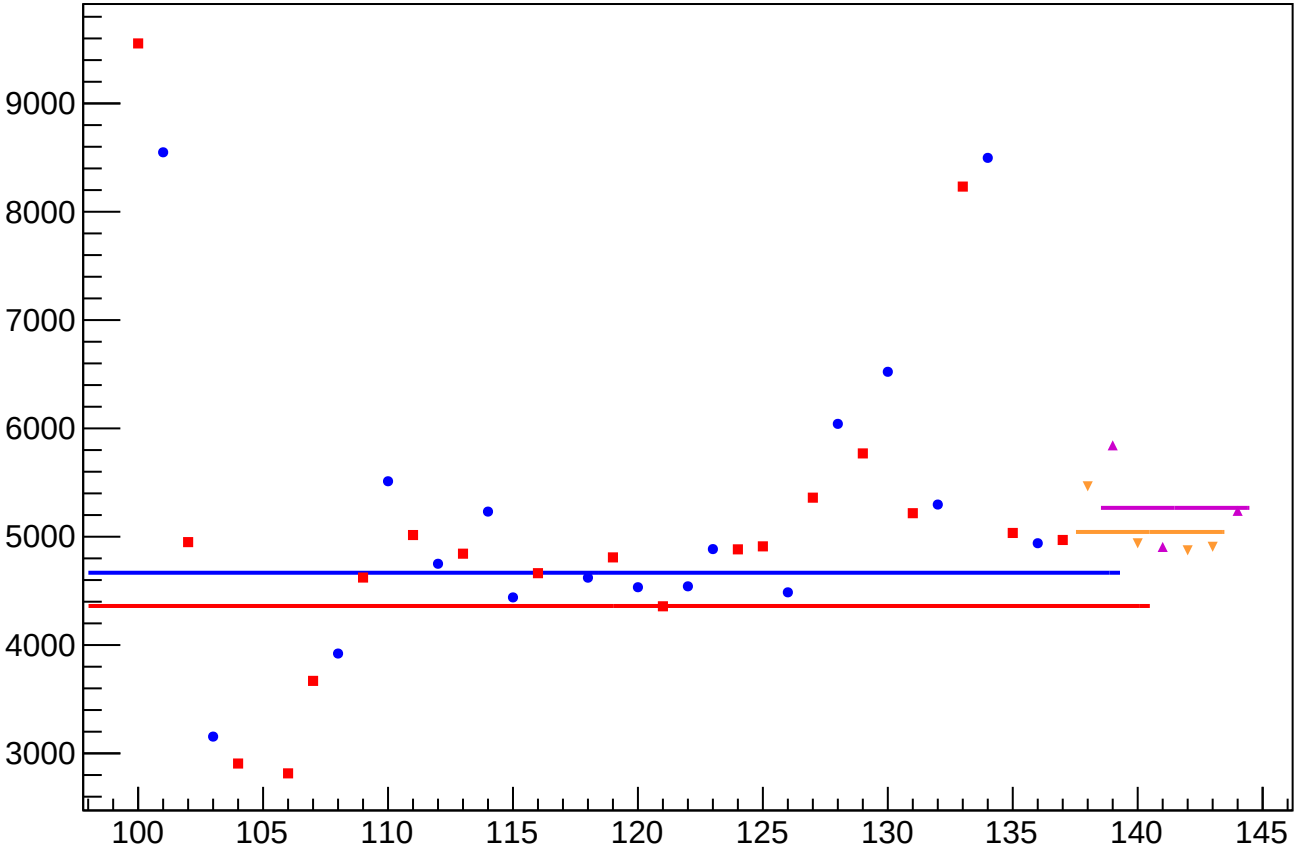
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 4283.809+/-1624.596 χ^2/NDF:17.1/19

Out: 2481.369+/-1510.620 χ^2/NDF:19.2/22

All: 3317.150+/-1106.270 χ^2/NDF: 36.9/42

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5043.984+/-2.212 χ^2/NDF:11392.5/3

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

Left In: 5266.402+/-2.368 χ^2/NDF:24628.8/2

Left: 5147.595+/-1.616 χ^2/NDF: 40733.0/6

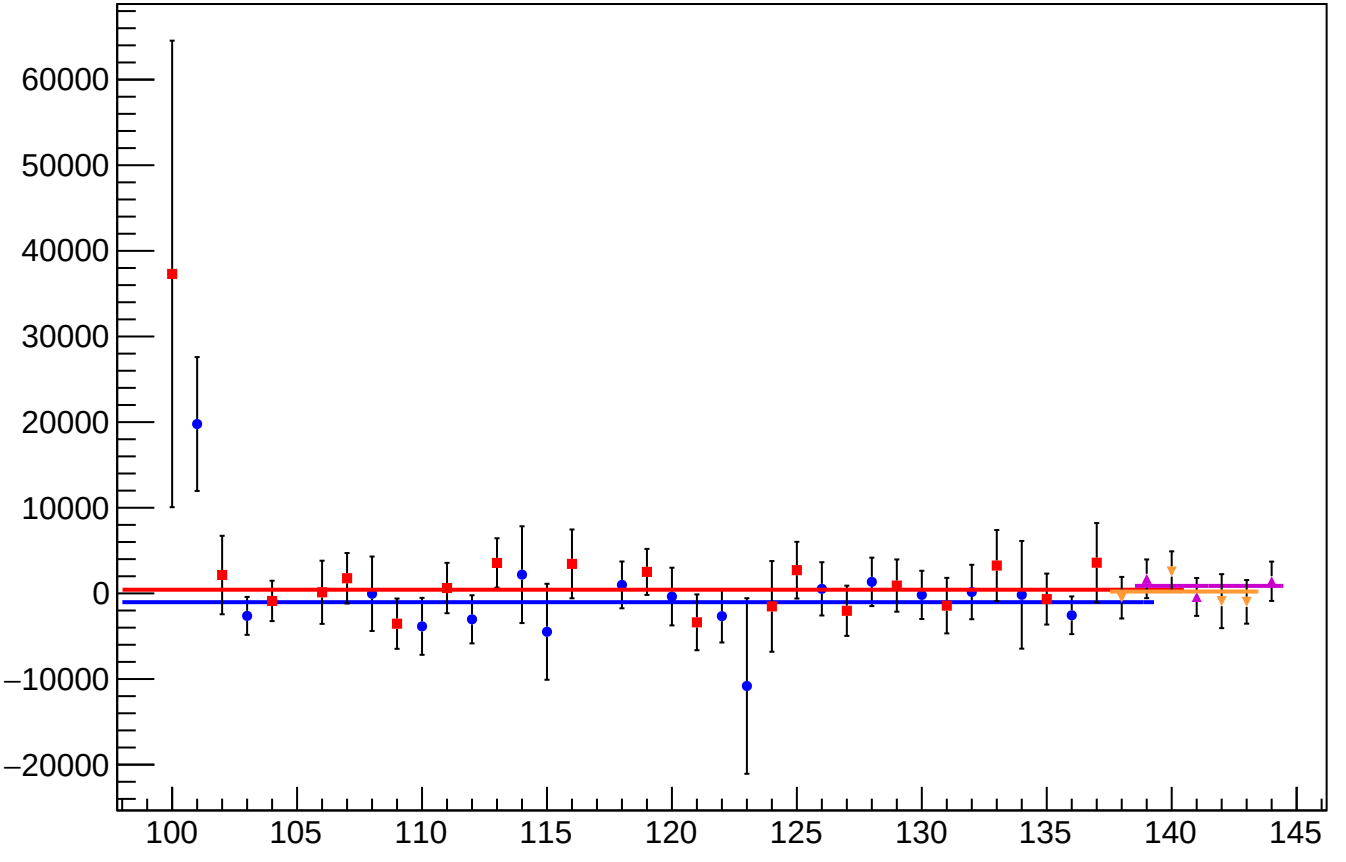
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 4808.399+/-1.149 χ^2/NDF:851397.8/19

Out: 4518.594+/-1.063 χ^2/NDF:917547.1/22

All: 4652.334+/-0.780 χ^2/NDF: 1803217.7/42

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 214.079+/-1286.579 χ^2/NDF:1.4/3

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

Left In: 875.804+/-1302.413 χ^2/NDF:0.5/2

Left: 540.895+/-915.296 χ^2/NDF: 2.1/6

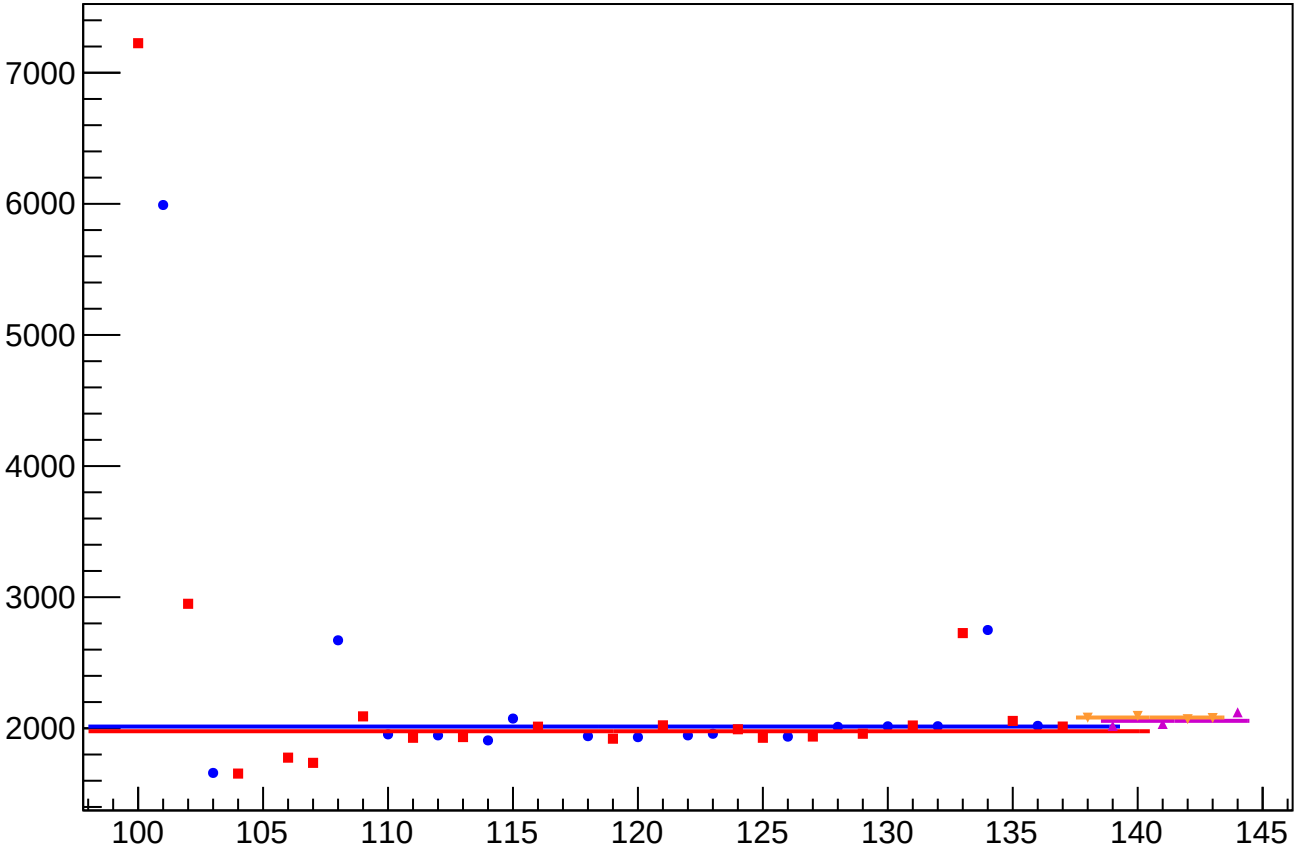
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -509.004+/-679.564 χ^2/NDF:15.1/19

Out: 372.937+/-654.881 χ^2/NDF:12.2/22

All: -51.727+/-471.556 χ^2/NDF: 28.2/42

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2082.254+/-0.910 χ^2/NDF:90.5/3

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

Left In: 2056.901+/-0.921 χ^2/NDF:2403.0/2

Left: 2069.733+/-0.647 χ^2/NDF: 2877.0/6

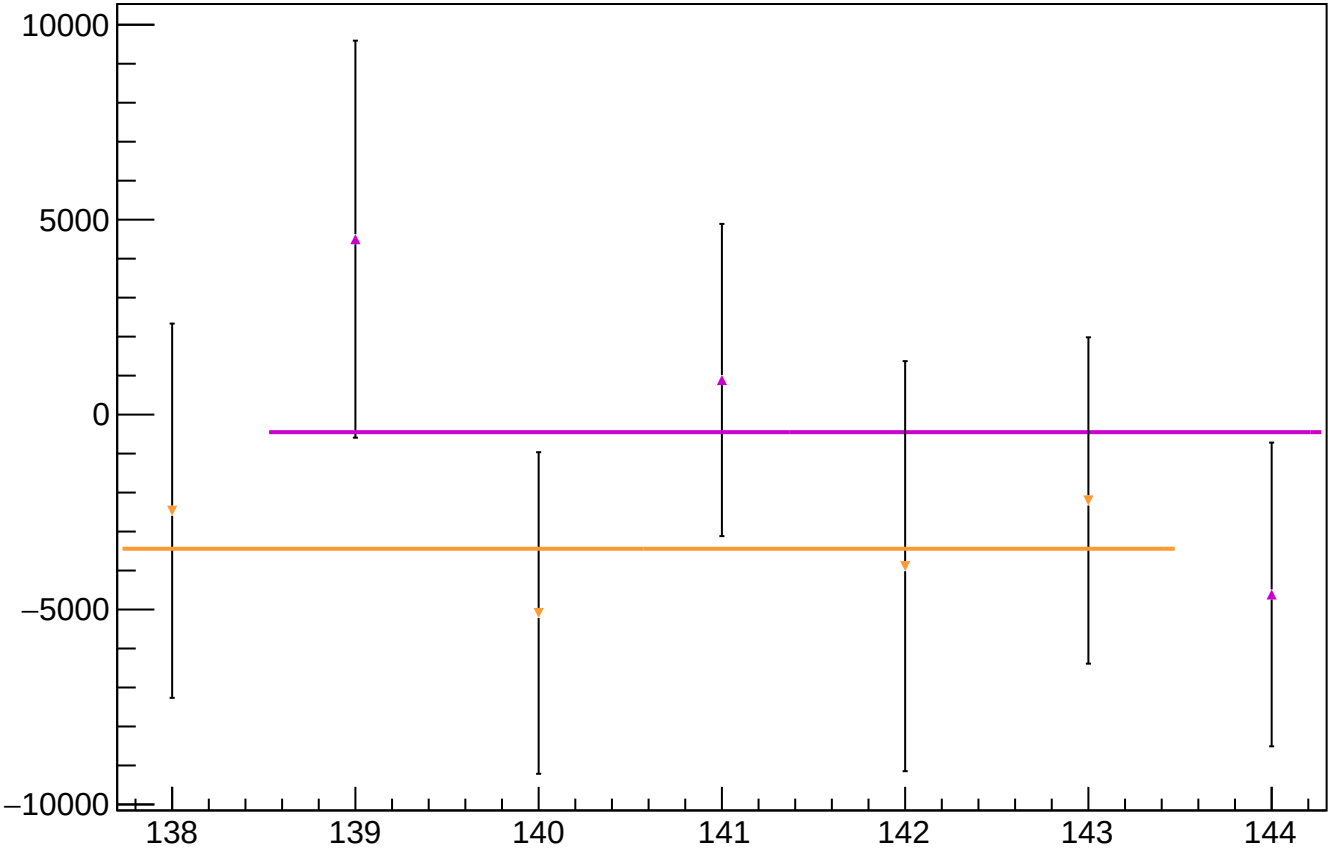
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 2025.148+/-0.481 χ^2/NDF:654085.1/19

Out: 2004.631+/-0.463 χ^2/NDF:304810.0/22

All: 2014.502+/-0.333 χ^2/NDF: 959841.1/42

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3441.118+/-2262.034 χ^2/NDF:0.3/3

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

Left In: -450.674+/-2448.297 χ^2/NDF:2.2/2

Left: -2063.964+/-1661.451 χ^2/NDF: 3.3/6

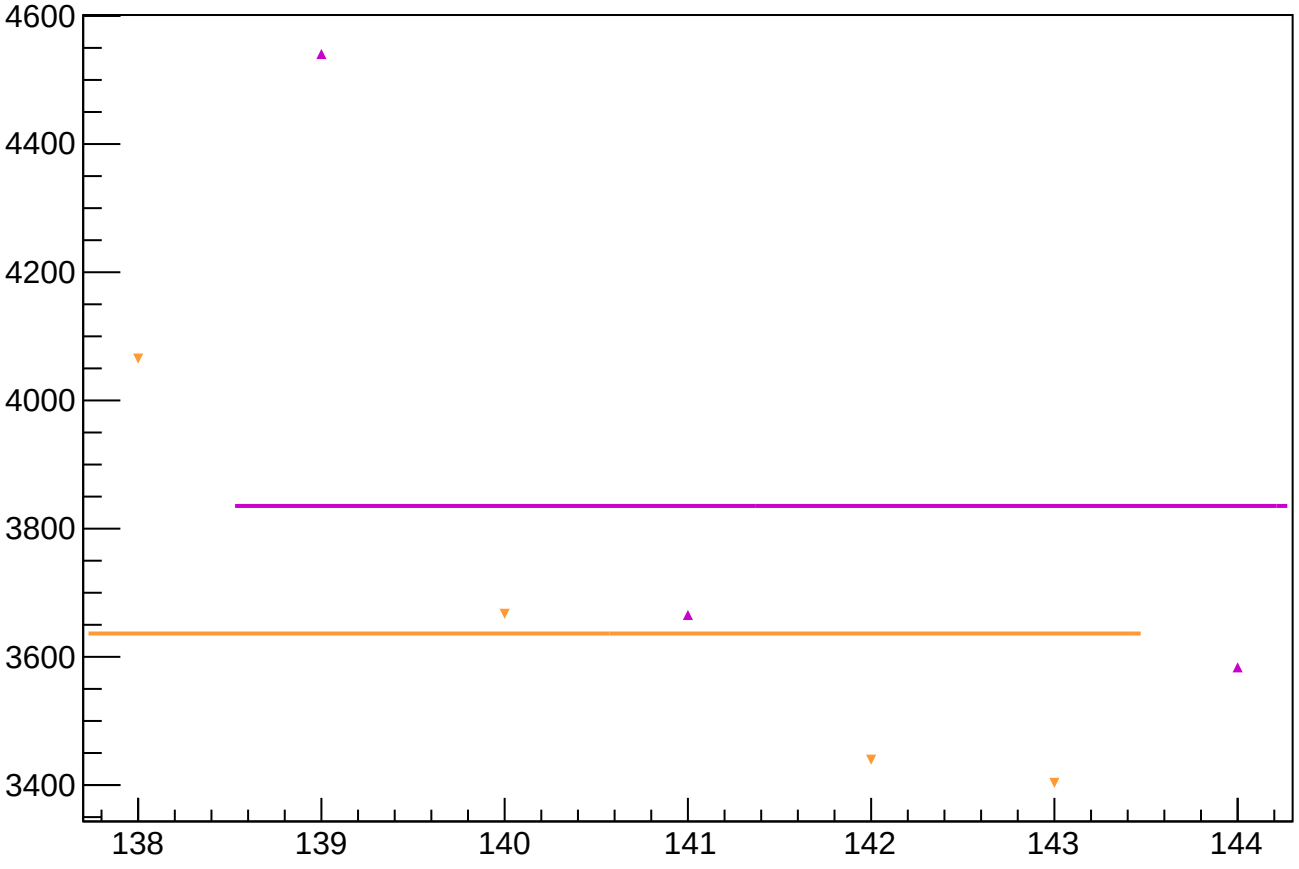
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -450.674+/-2448.297 χ^2/NDF:2.2/2

Out: -3441.118+/-2262.034 χ^2/NDF:0.3/3

All: -2063.964+/-1661.451 χ^2/NDF: 3.3/6

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3636.416+/-1.599 χ^2/NDF:25084.2/3

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

Left In: 3835.413+/-1.731 χ^2/NDF:50311.3/2

Left: 3728.058+/-1.175 χ^2/NDF: 82523.6/6

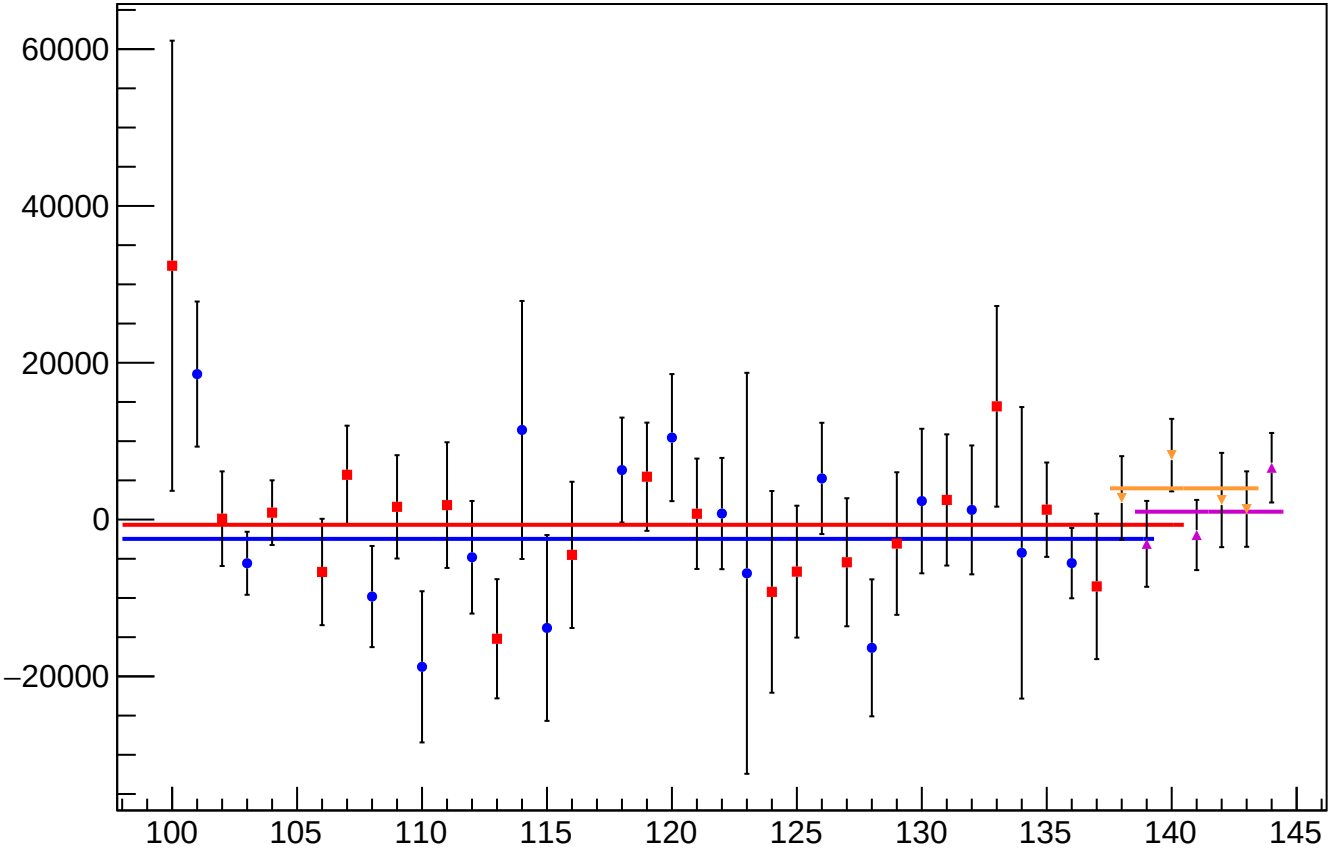
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3835.413+/-1.731 χ^2/NDF:50311.3/2

Out: 3636.416+/-1.599 χ^2/NDF:25084.2/3

All: 3728.058+/-1.175 χ^2/NDF: 82523.6/6

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 3982.165+/-2557.905 χ^2/NDF:1.3/3

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

Left In: 1005.224+/-2731.093 χ^2/NDF:2.6/2

Left: 2591.070+/-1866.938 χ^2/NDF: 4.5/6

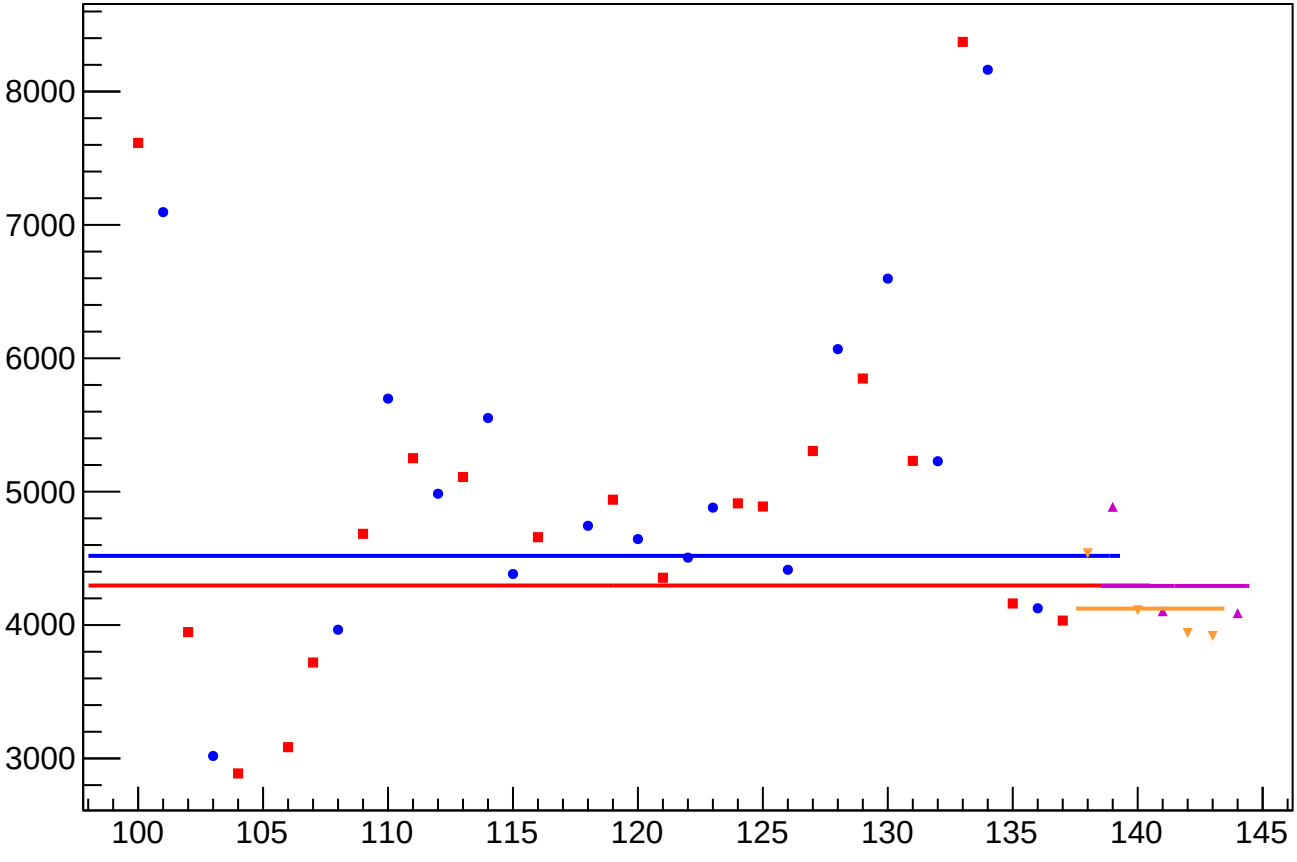
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -1414.380+/-1501.357 χ^2/NDF:24.6/19

Out: 746.116+/-1409.929 χ^2/NDF:15.5/22

All: -266.348+/-1027.773 χ^2/NDF: 41.1/42

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4123.484+/-1.809 χ^2/NDF:17620.7/3

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

Left In: 4293.197+/-1.931 χ^2/NDF:31248.5/2

Left: 4202.789+/-1.320 χ^2/NDF: 52983.2/6

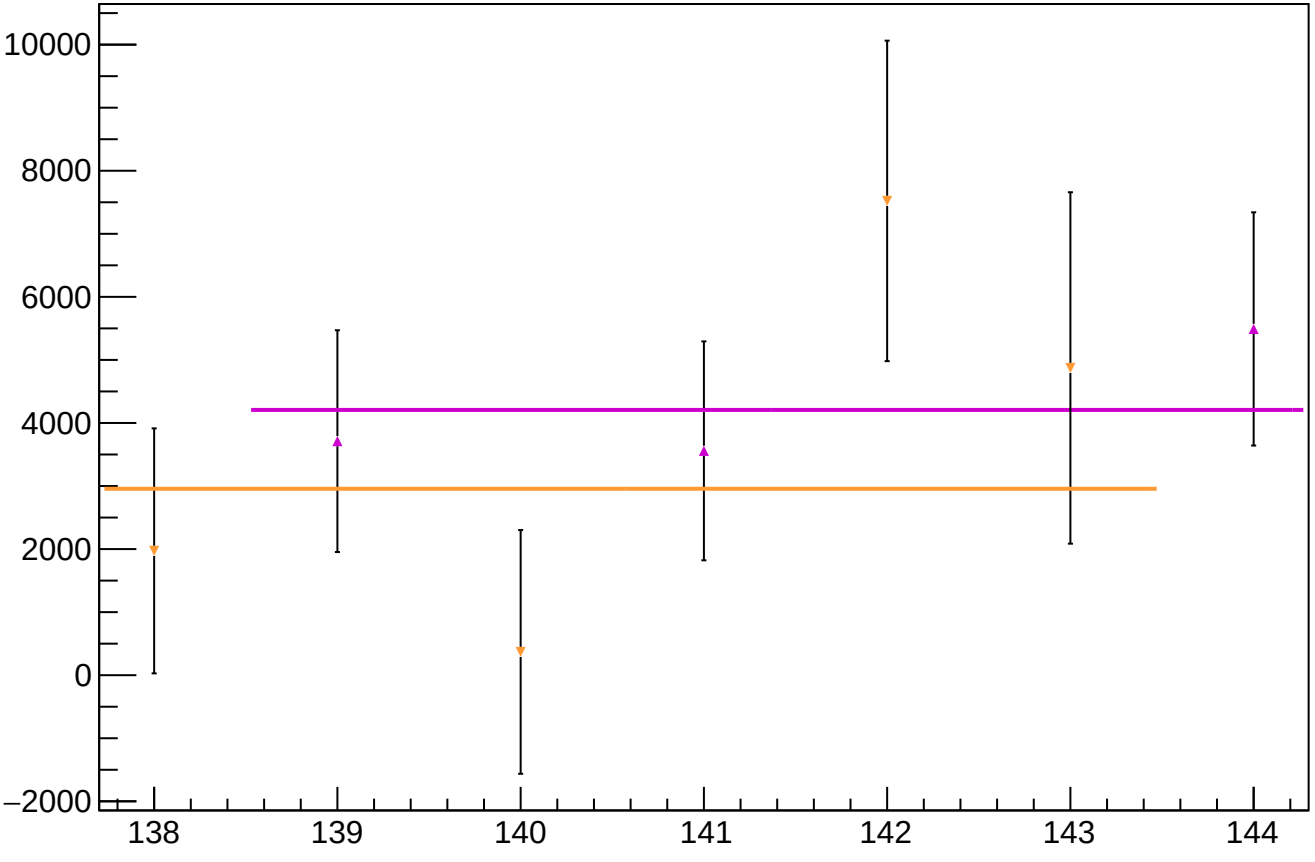
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4450.542+/-1.062 χ^2/NDF:810988.6/19

Out: 4244.254+/-0.993 χ^2/NDF:795705.8/22

All: 4340.528+/-0.725 χ^2/NDF: 1626830.8/42

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: 2956.575+/-1106.839 χ^2/NDF:5.7/3

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

Left In: 4207.059+/-1027.299 χ^2/NDF:0.7/2

Left: 3628.358+/-752.961 χ^2/NDF: 7.1/6

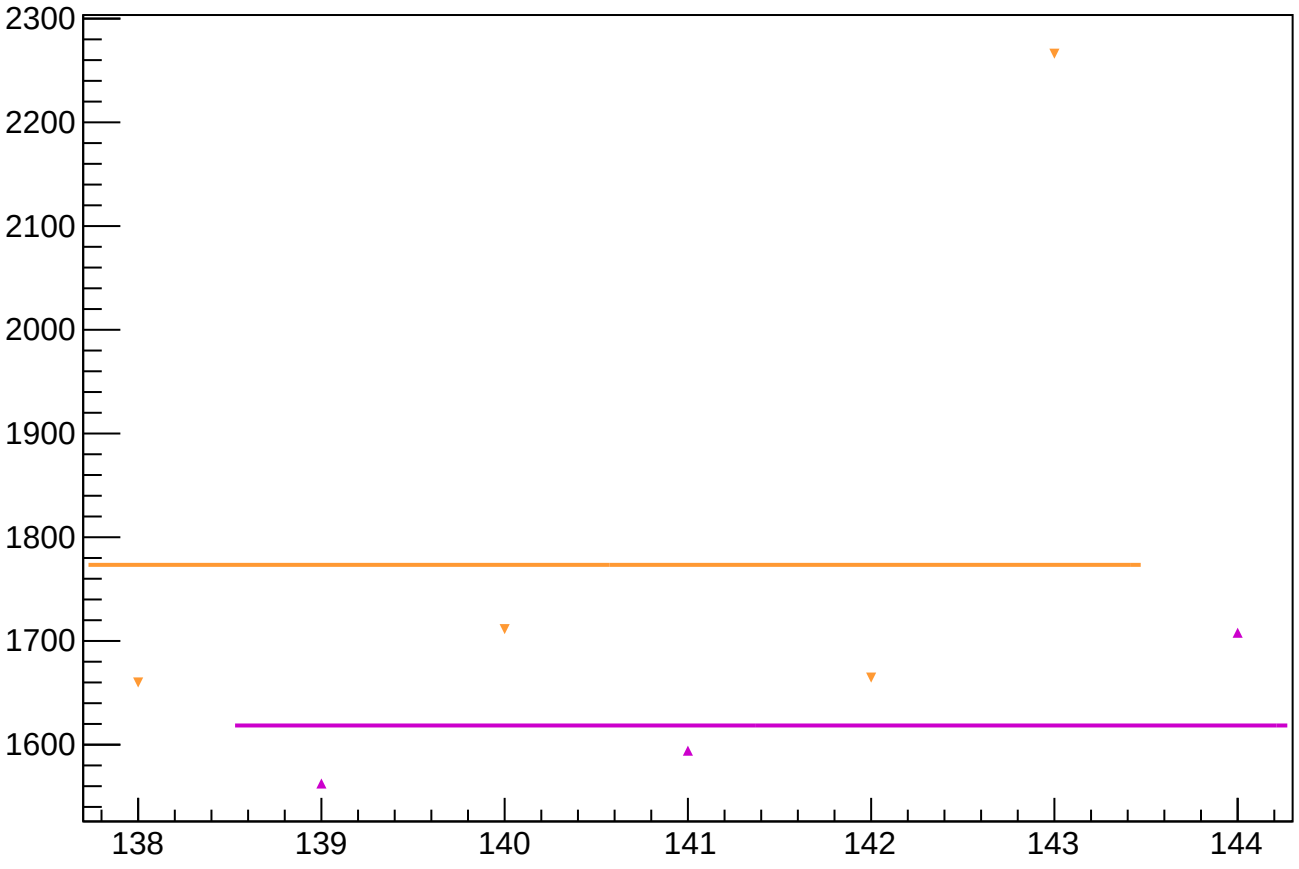
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4207.059+/-1027.299 χ^2/NDF:0.7/2

Out: 2956.575+/-1106.839 χ^2/NDF:5.7/3

All: 3628.358+/-752.961 χ^2/NDF: 7.1/6

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: 1773.376+/-0.783 χ^2/NDF:75080.9/3

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

Left In: 1618.519+/-0.726 χ^2/NDF:7090.8/2

Left: 1690.184+/-0.532 χ^2/NDF: 103203.3/6

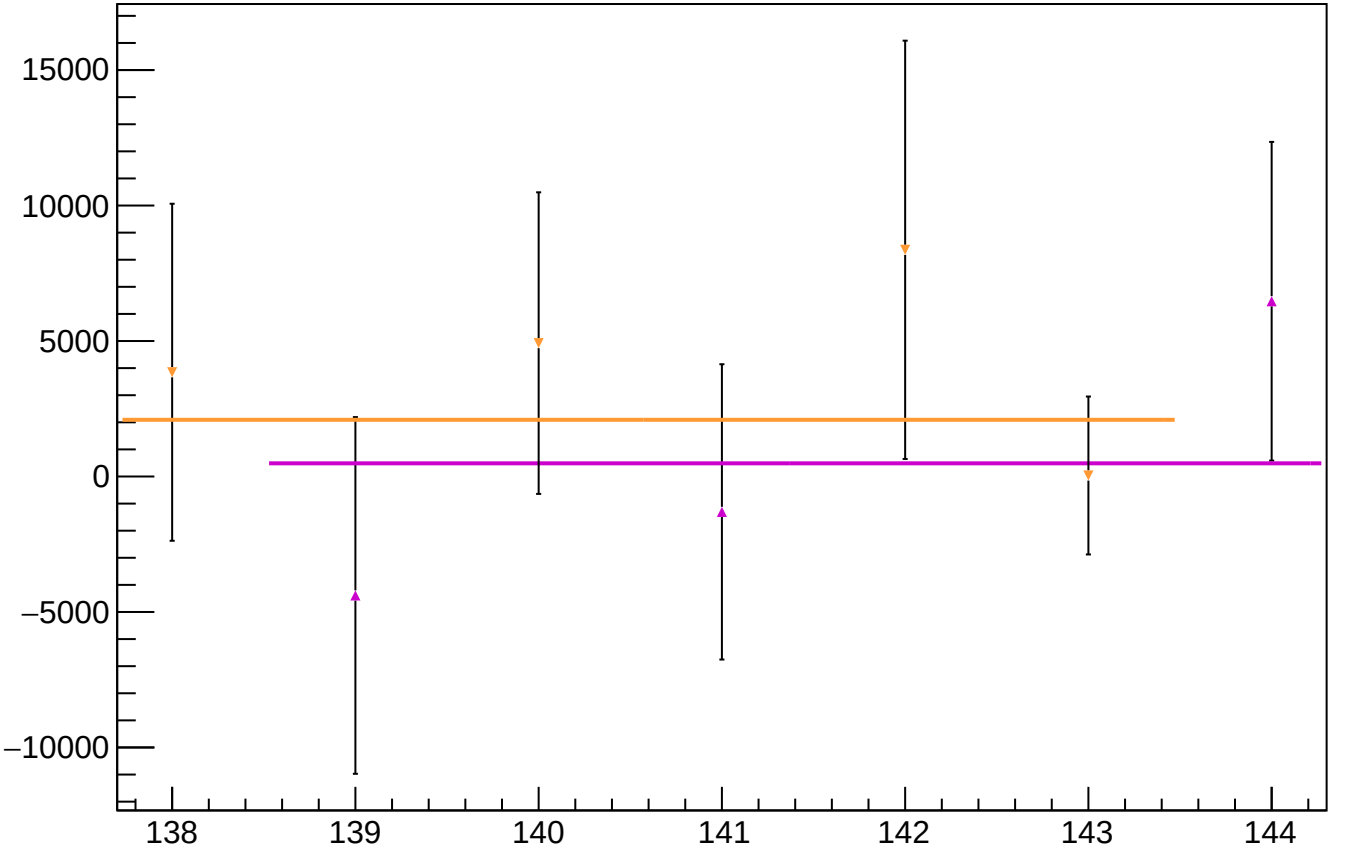
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1618.519+/-0.726 χ^2/NDF:7090.8/2

Out: 1773.376+/-0.783 χ^2/NDF:75080.9/3

All: 1690.184+/-0.532 χ^2/NDF: 103203.3/6

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: 2092.571+/-2278.105 χ^2/NDF:1.5/3

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

Left In: 486.524+/-3416.500 χ^2/NDF:1.7/2

Left: 1598.271+/-1895.386 χ^2/NDF: 3.3/6

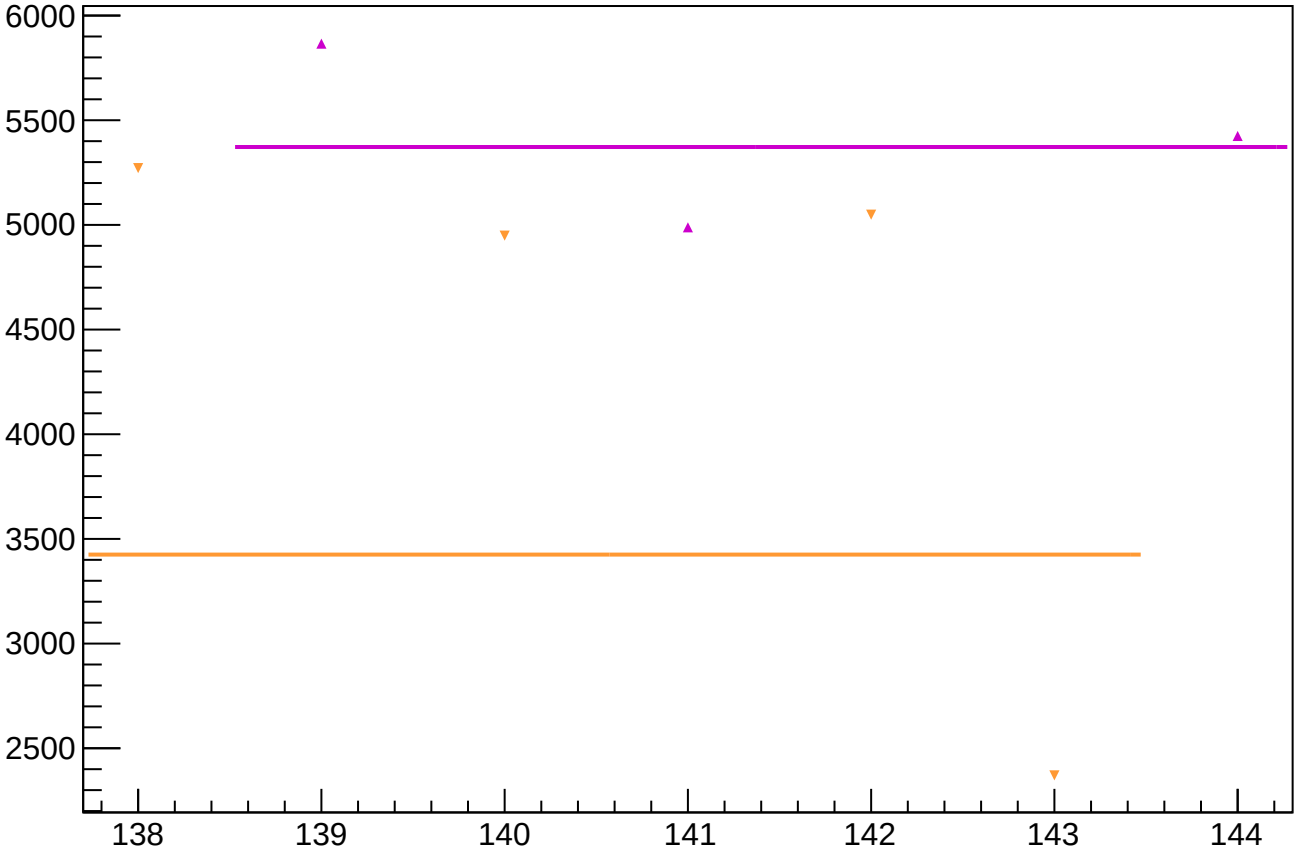
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 486.524+/-3416.500 χ^2/NDF:1.7/2

Out: 2092.571+/-2278.105 χ^2/NDF:1.5/3

All: 1598.271+/-1895.386 χ^2/NDF: 3.3/6

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: 3425.110+/-1.611 χ^2/NDF:676657.1/3

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

Left In: 5372.120+/-2.416 χ^2/NDF:21327.1/2

Left: 4024.350+/-1.340 χ^2/NDF: 1147609.9/6

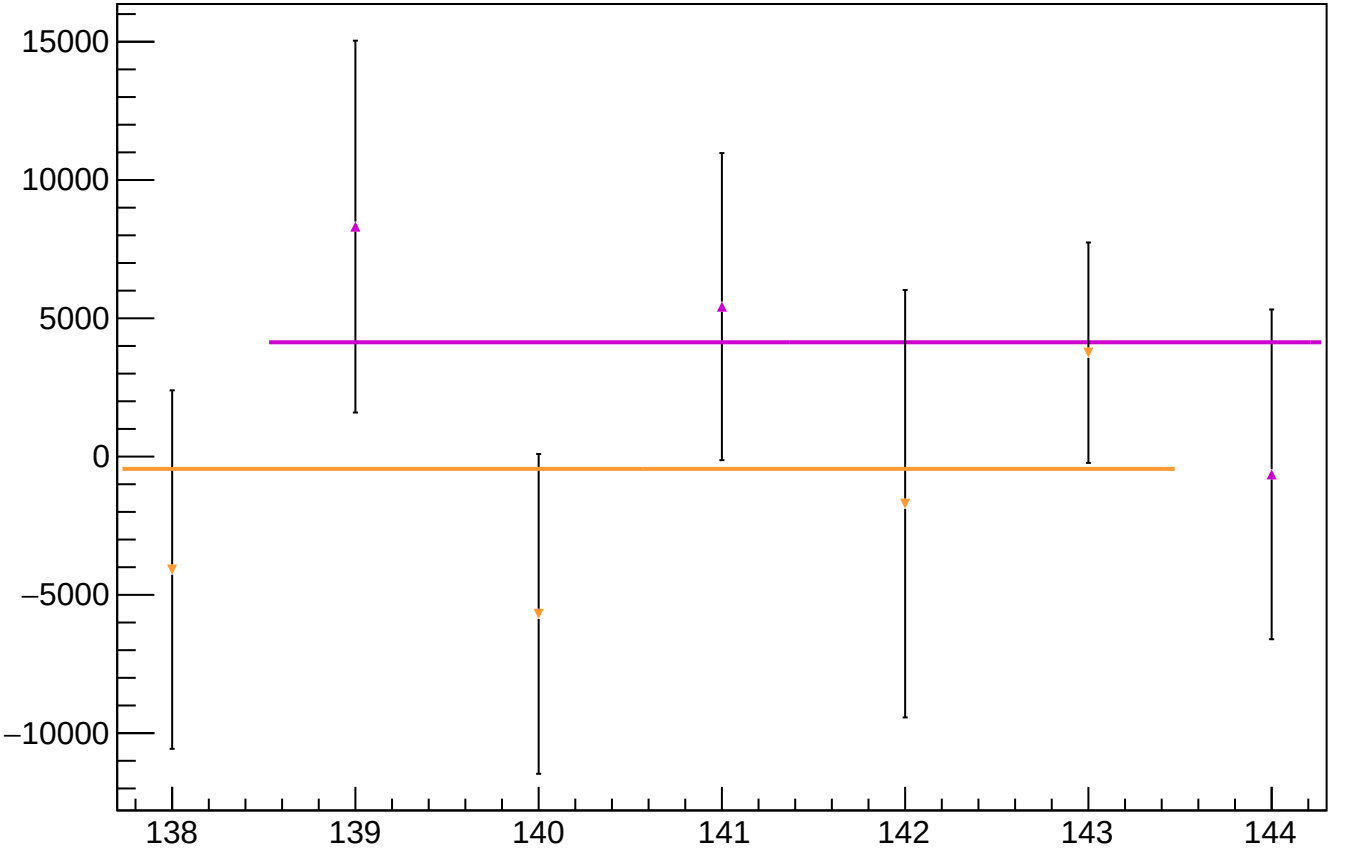
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5372.120+/-2.416 χ^2/NDF:21327.1/2

Out: 3425.110+/-1.611 χ^2/NDF:676657.1/3

All: 4024.350+/-1.340 χ^2/NDF: 1147609.9/6

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: -444.655+/-2737.307 χ^2/NDF:2.3/3

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

Left In: 4133.177+/-3477.103 χ^2/NDF:1.1/2

Left: 1306.907+/-2150.802 χ^2/NDF: 4.4/6

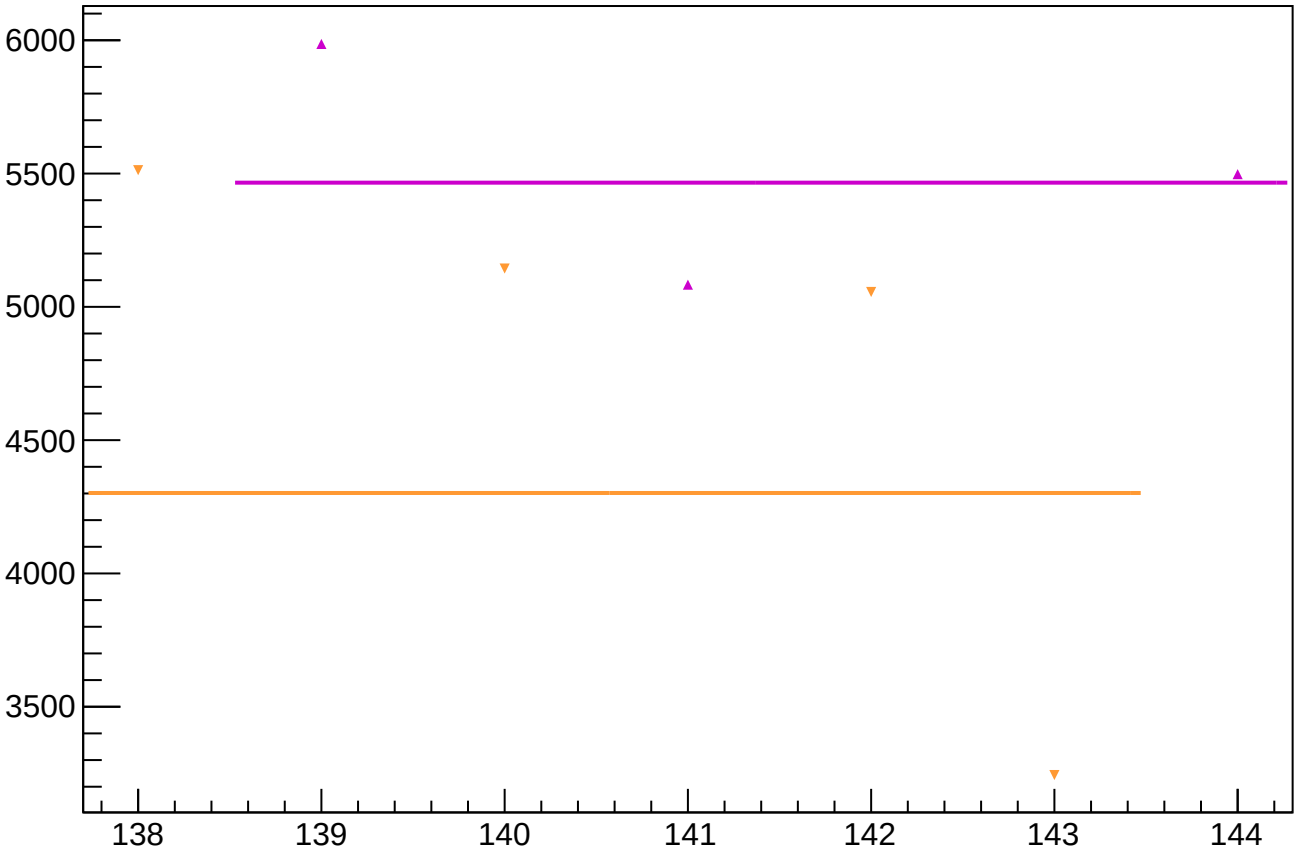
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4133.177+/-3477.103 χ^2/NDF:1.1/2

Out: -444.655+/-2737.307 χ^2/NDF:2.3/3

All: 1306.907+/-2150.802 χ^2/NDF: 4.4/6

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: 4301.808+/-1.936 χ^2/NDF:272297.6/3

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

Left In: 5465.849+/-2.459 χ^2/NDF:21537.4/2

Left: 4747.191+/-1.521 χ^2/NDF: 432218.9/6

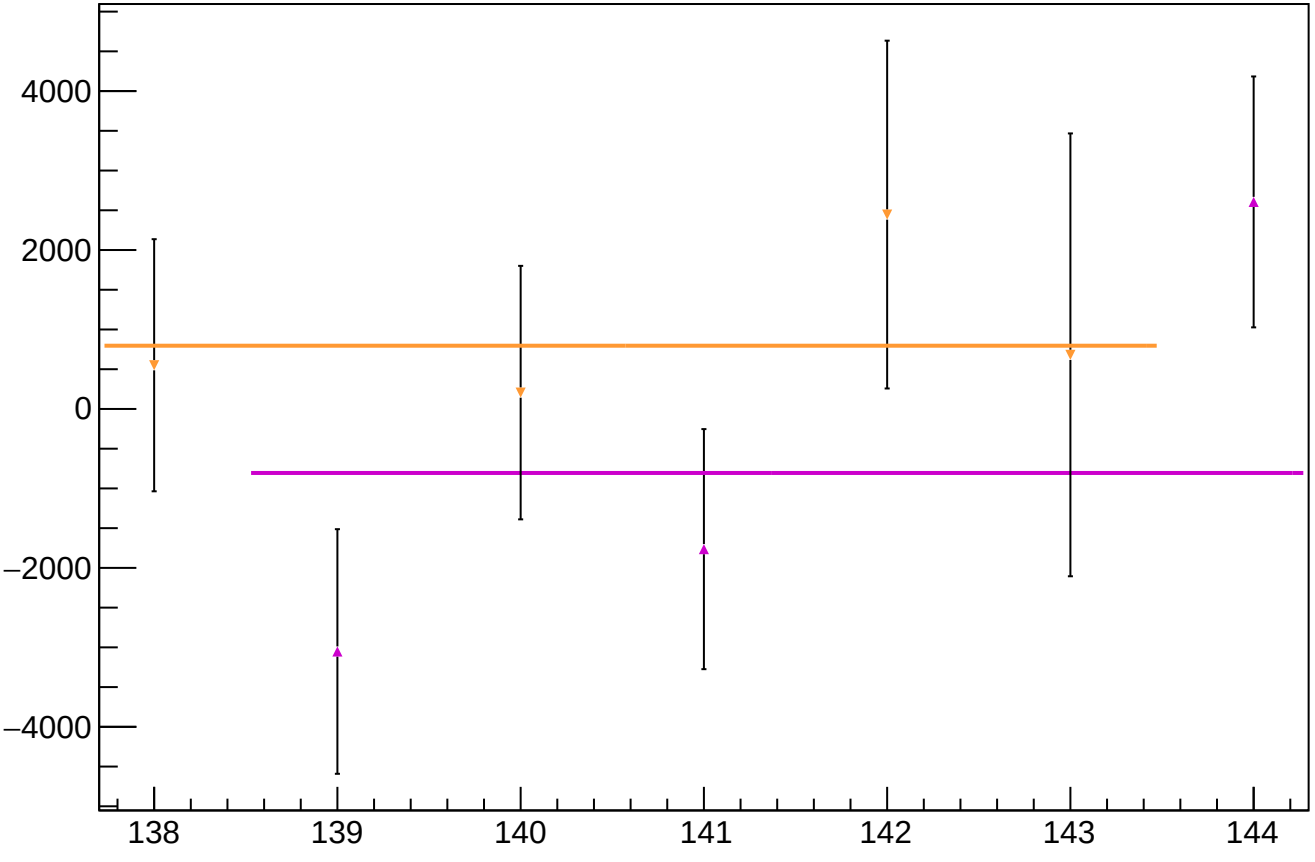
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5465.849+/-2.459 χ^2/NDF:21537.4/2

Out: 4301.808+/-1.936 χ^2/NDF:272297.6/3

All: 4747.191+/-1.521 χ^2/NDF: 432218.9/6

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: 795.919+/-941.494 χ^2/NDF:0.7/3

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

Left In: -805.451+/-890.284 χ^2/NDF:7.2/2

Left: -49.500+/-646.872 χ^2/NDF: 9.5/6

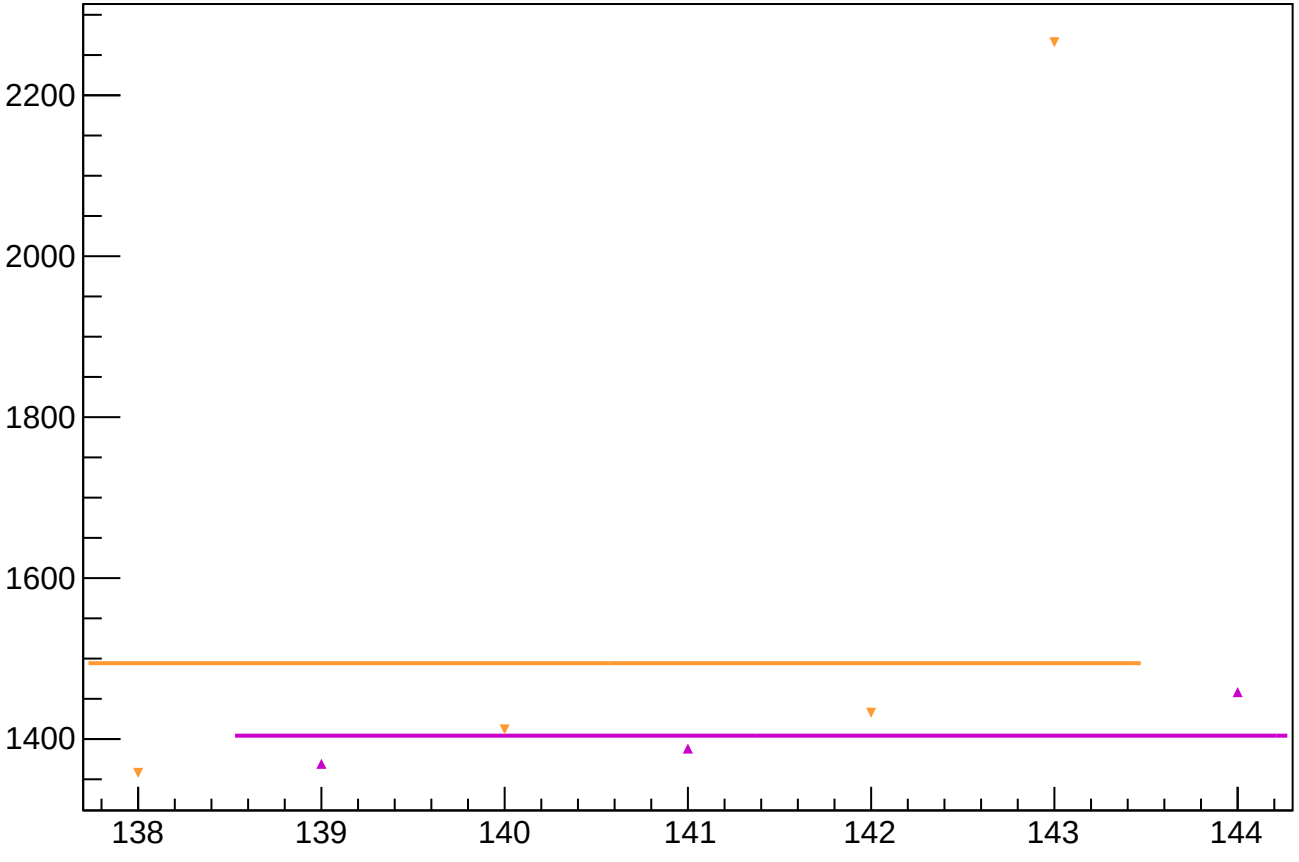
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -805.451+/-890.284 χ^2/NDF:7.2/2

Out: 795.919+/-941.494 χ^2/NDF:0.7/3

All: -49.500+/-646.872 χ^2/NDF: 9.5/6

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: 1494.266+/-0.666 χ^2/NDF:175060.3/3

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

Left In: 1404.188+/-0.630 χ^2/NDF:3609.6/2

Left: 1446.711+/-0.457 χ^2/NDF: 188335.1/6

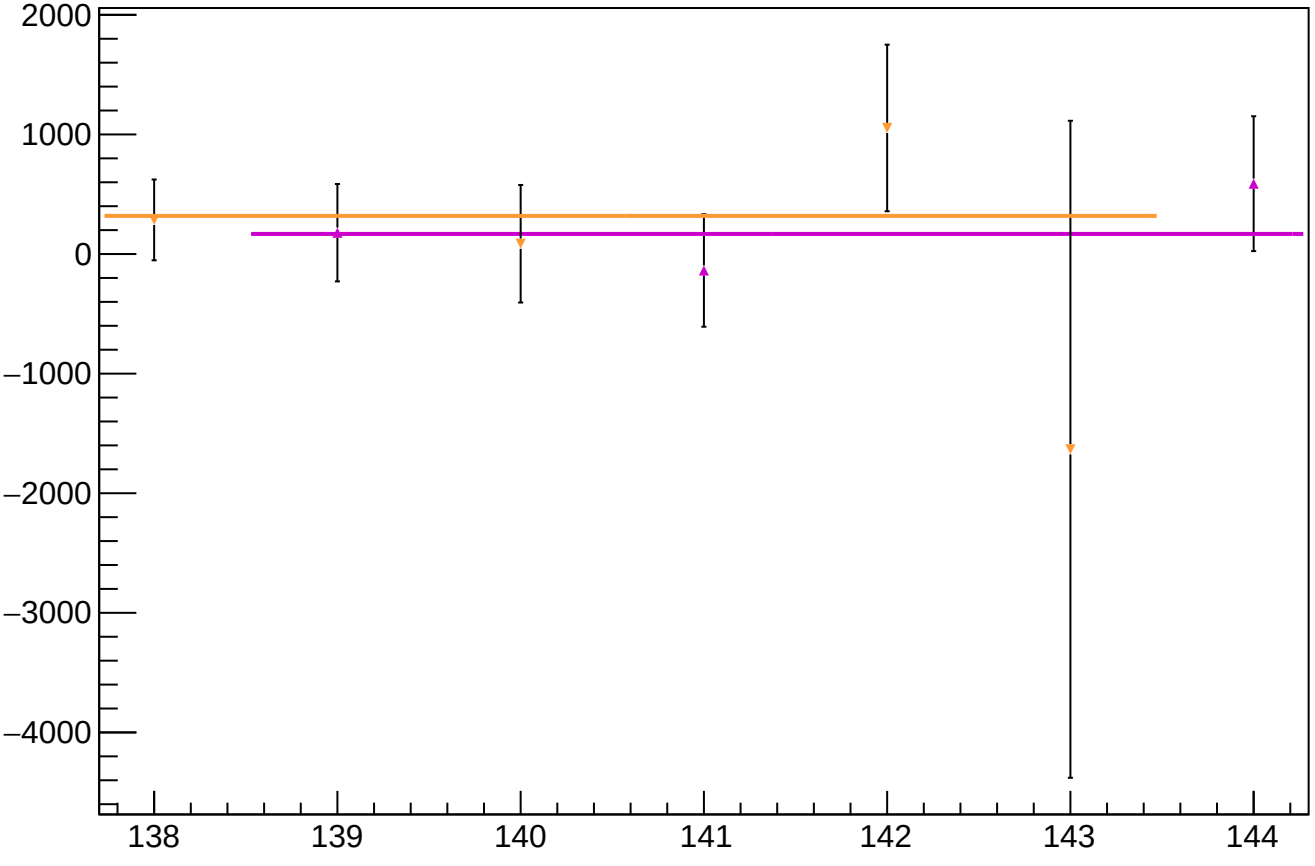
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1404.188+/-0.630 χ^2/NDF:3609.6/2

Out: 1494.266+/-0.666 χ^2/NDF:175060.3/3

All: 1446.711+/-0.457 χ^2/NDF: 188335.1/6

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: 318.961+/-257.371 χ^2/NDF:1.9/3

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

Left In: 168.193+/-270.192 χ^2/NDF:1.0/2

Left: 247.239+/-186.357 χ^2/NDF: 3.0/6

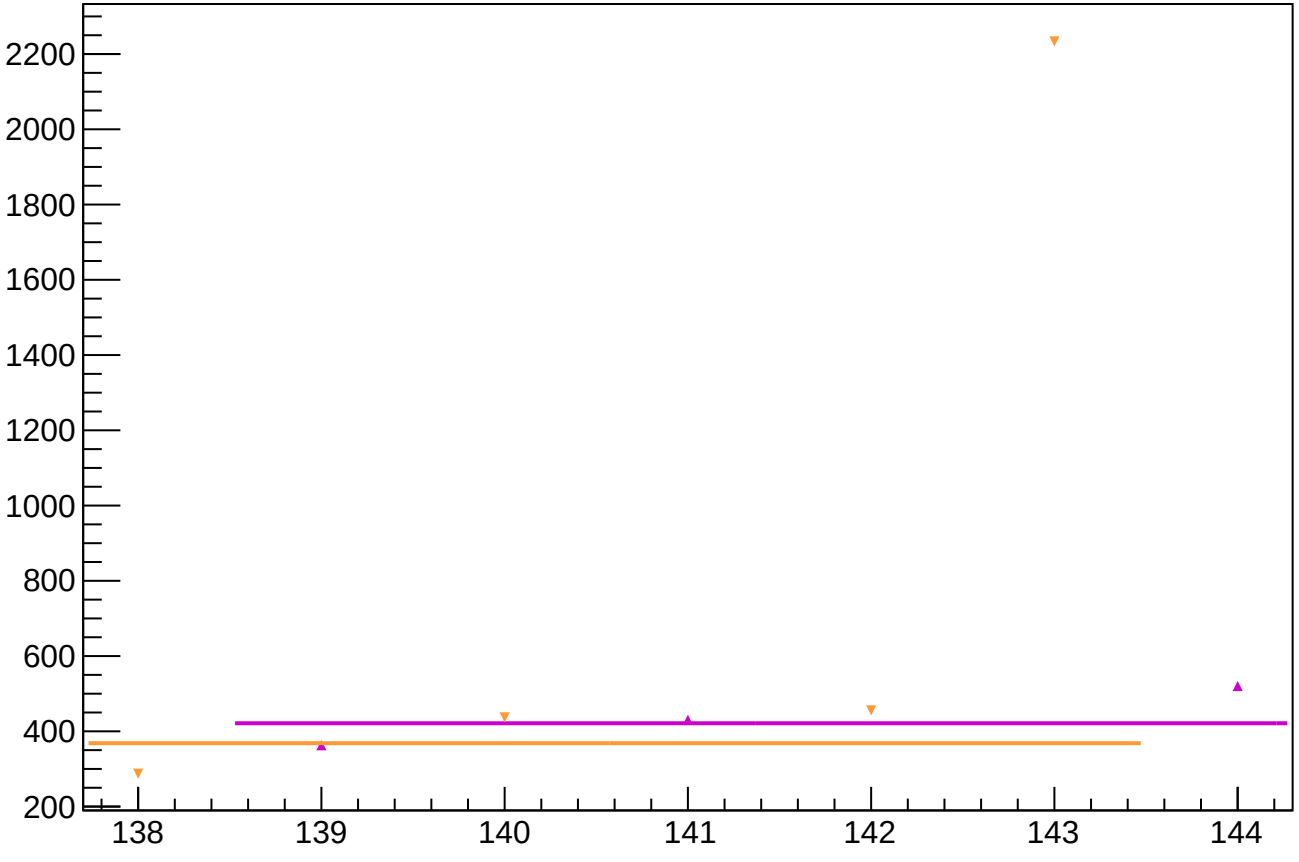
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 168.193+/-270.192 χ^2/NDF:1.0/2

Out: 318.961+/-257.371 χ^2/NDF:1.9/3

All: 247.239+/-186.357 χ^2/NDF: 3.0/6

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: 368.478+/-0.182 χ^2/NDF:1107816.5/3

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

Left In: 421.431+/-0.191 χ^2/NDF:103854.5/2

Left: 393.668+/-0.132 χ^2/NDF: 1251947.0/6

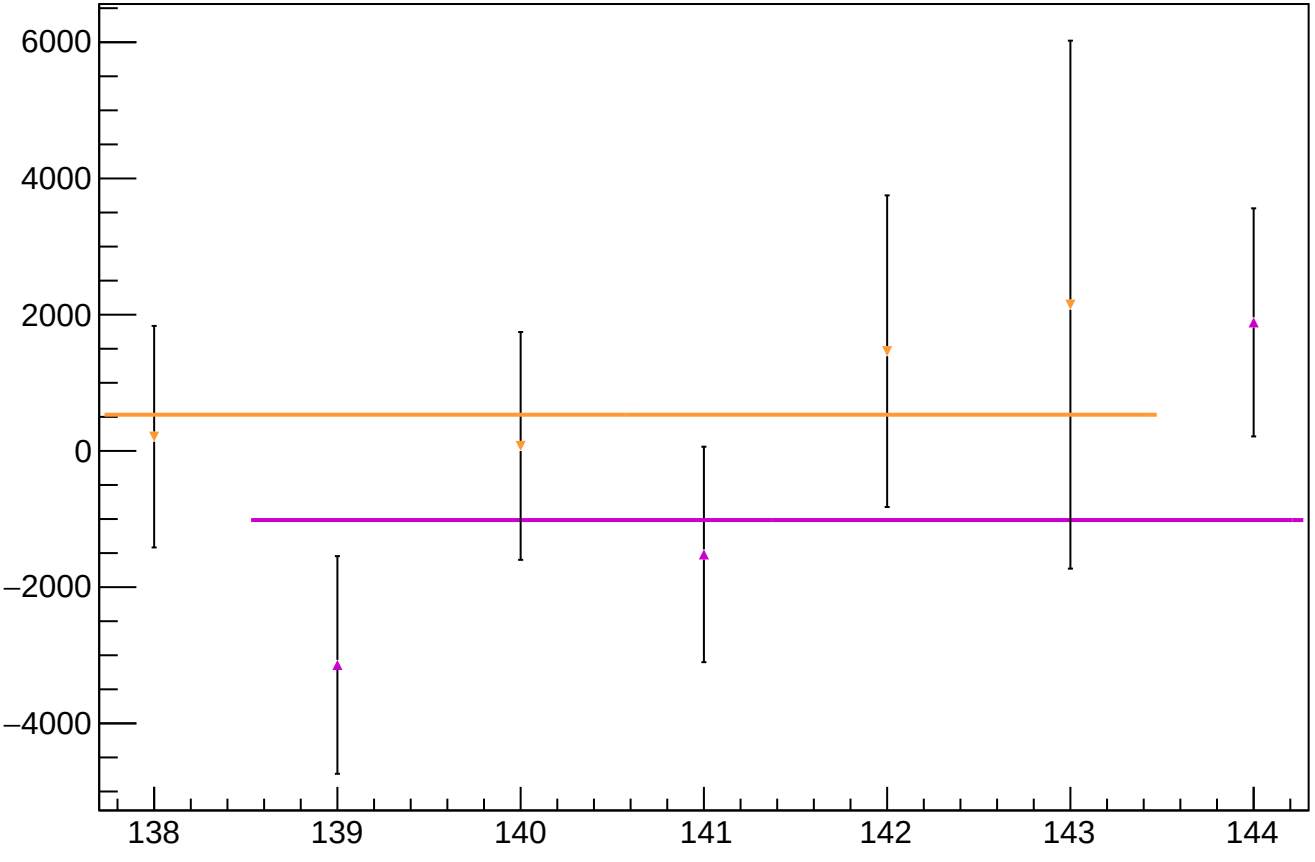
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 421.431+/-0.191 χ^2/NDF:103854.5/2

Out: 368.478+/-0.182 χ^2/NDF:1107816.5/3

All: 393.668+/-0.132 χ^2/NDF: 1251947.0/6

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: 531.578+/-1003.298 χ^2/NDF:0.5/3

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

Left In: -1014.943+/-933.271 χ^2/NDF:4.9/2

Left: -297.532+/-683.339 χ^2/NDF: 6.6/6

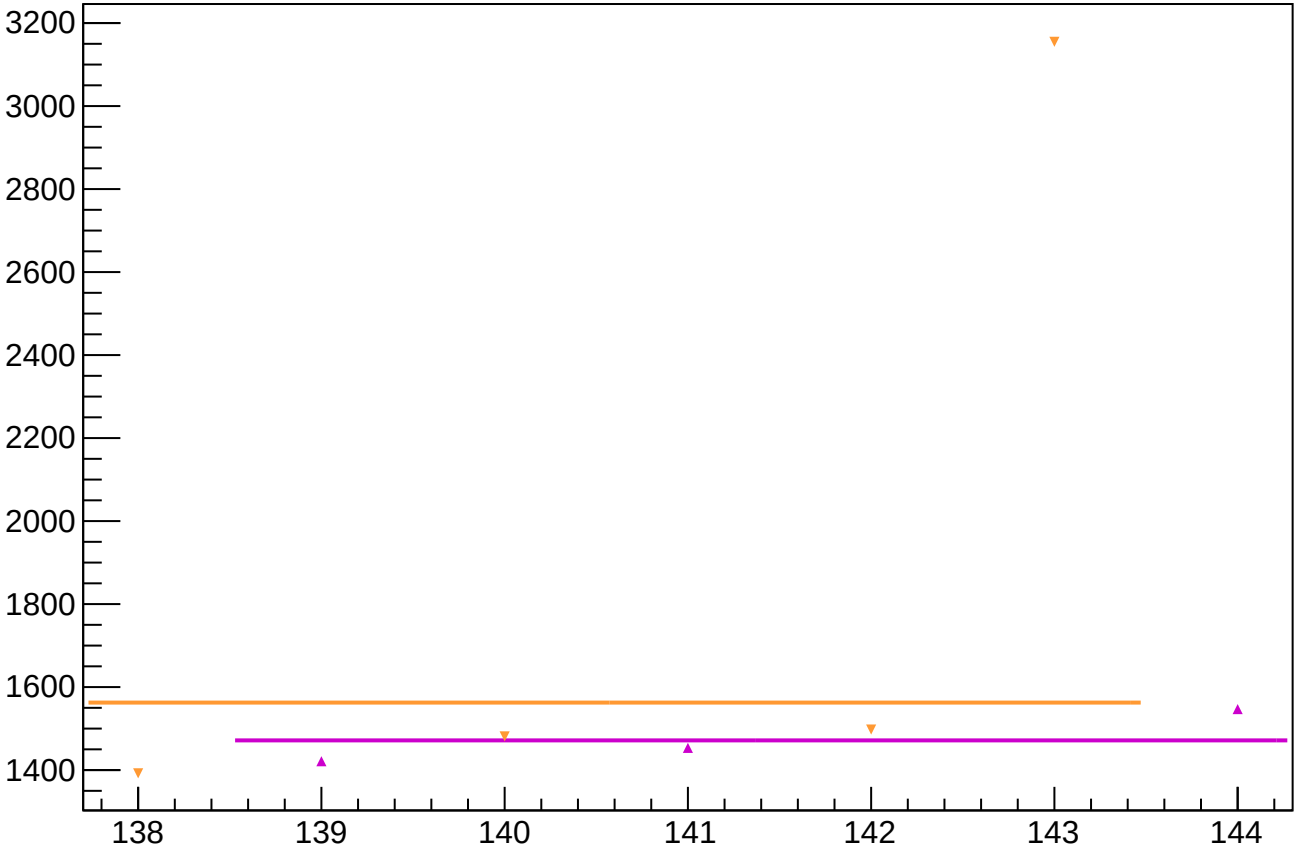
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1014.943+/-933.271 χ^2/NDF:4.9/2

Out: 531.578+/-1003.298 χ^2/NDF:0.5/3

All: -297.532+/-683.339 χ^2/NDF: 6.6/6

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: 1562.654+/-0.709 χ^2/NDF:365873.5/3

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

Left In: 1471.571+/-0.660 χ^2/NDF:6292.1/2

Left: 1513.823+/-0.483 χ^2/NDF: 381002.4/6

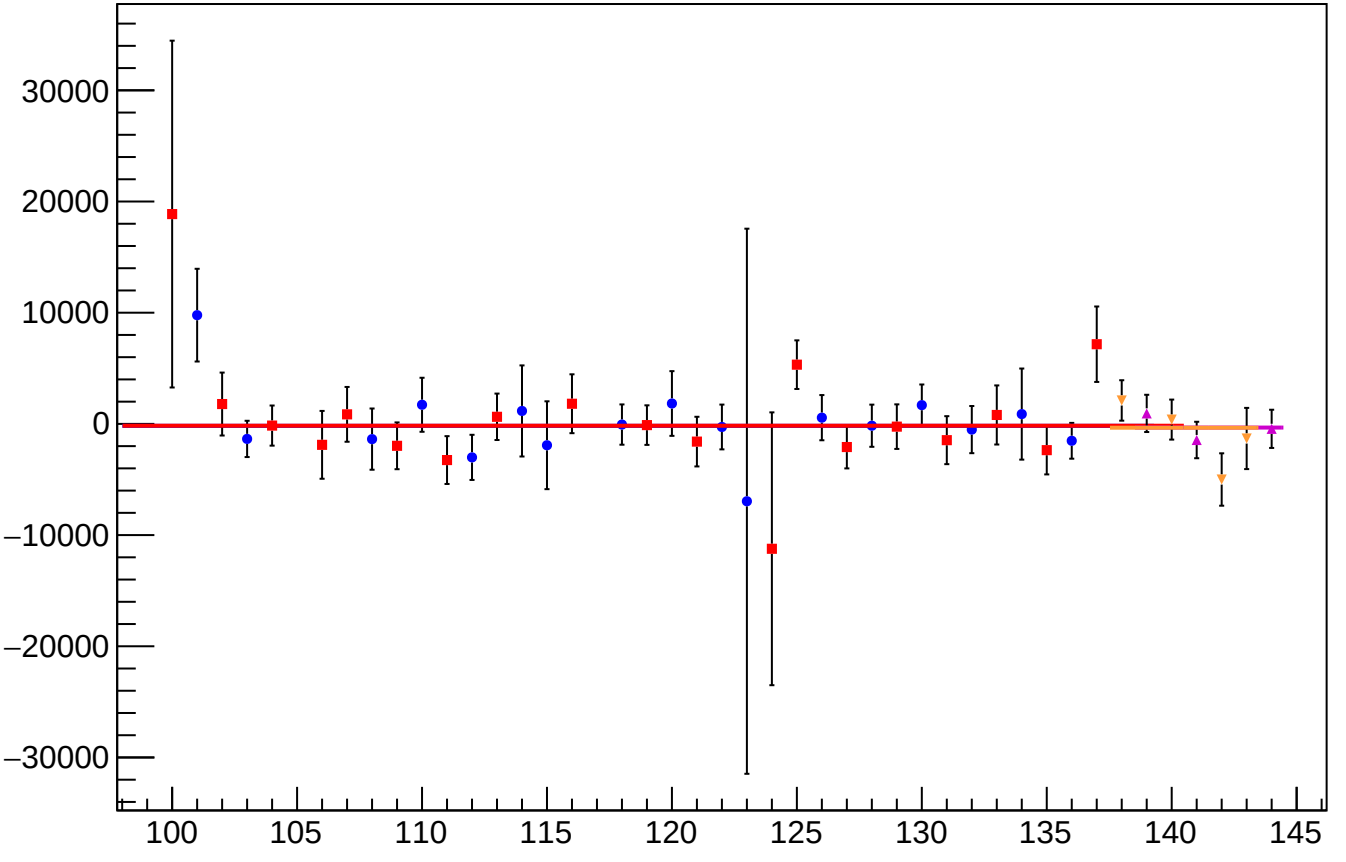
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1471.571+/-0.660 χ^2/NDF:6292.1/2

Out: 1562.654+/-0.709 χ^2/NDF:365873.5/3

All: 1513.823+/-0.483 χ^2/NDF: 381002.4/6

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: -343.346+/-1040.542 χ^2/NDF:6.0/3

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

Left In: -330.874+/-967.999 χ^2/NDF:1.0/2

Left: -336.660+/-708.738 χ^2/NDF: 7.1/6

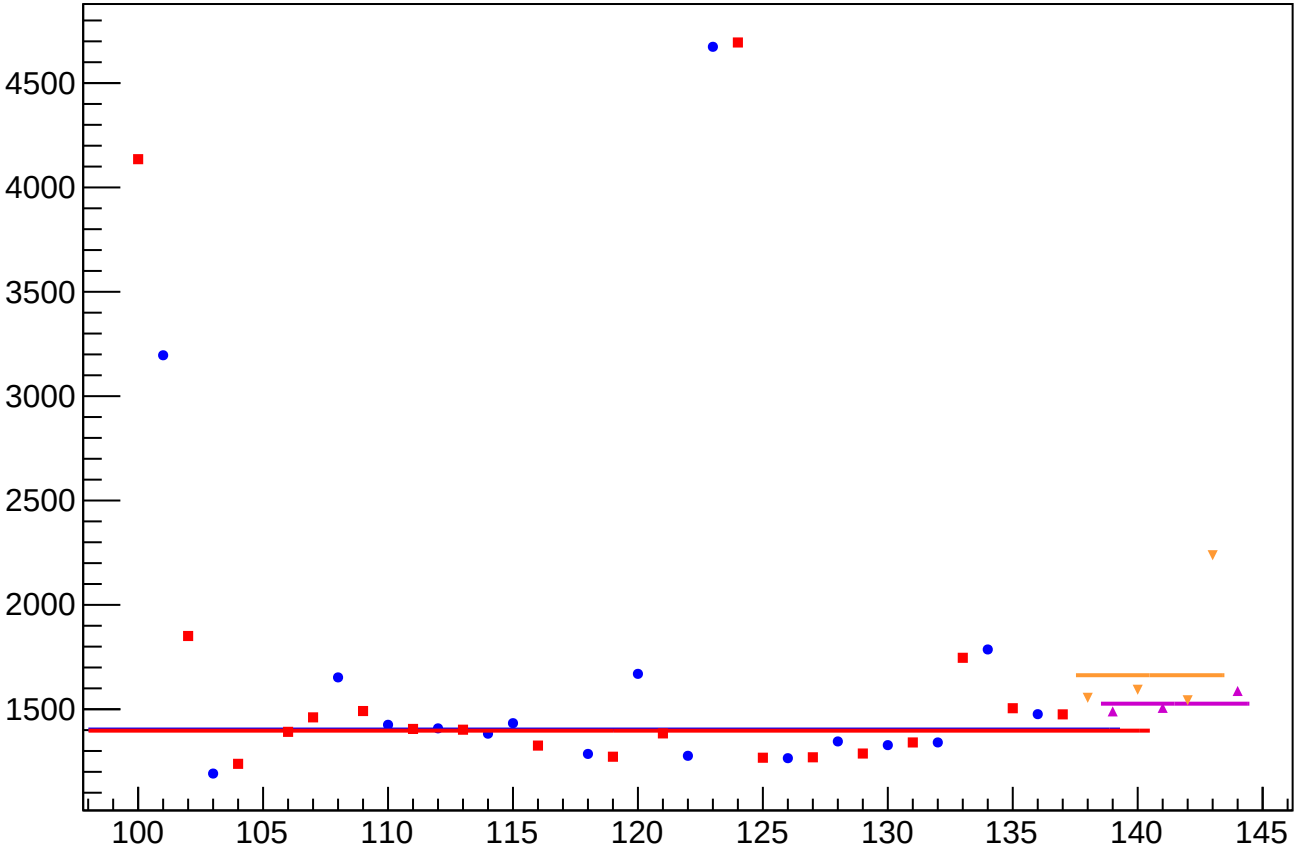
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -213.408+/-481.253 χ^2/NDF:12.8/19

Out: -202.802+/-479.371 χ^2/NDF:26.7/22

All: -208.084+/-339.630 χ^2/NDF: 39.5/42

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: 1662.982+/-0.736 χ^2/NDF:102528.2/3

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

Left In: 1526.633+/-0.684 χ^2/NDF:3781.7/2

Left: 1589.889+/-0.501 χ^2/NDF: 124719.2/6

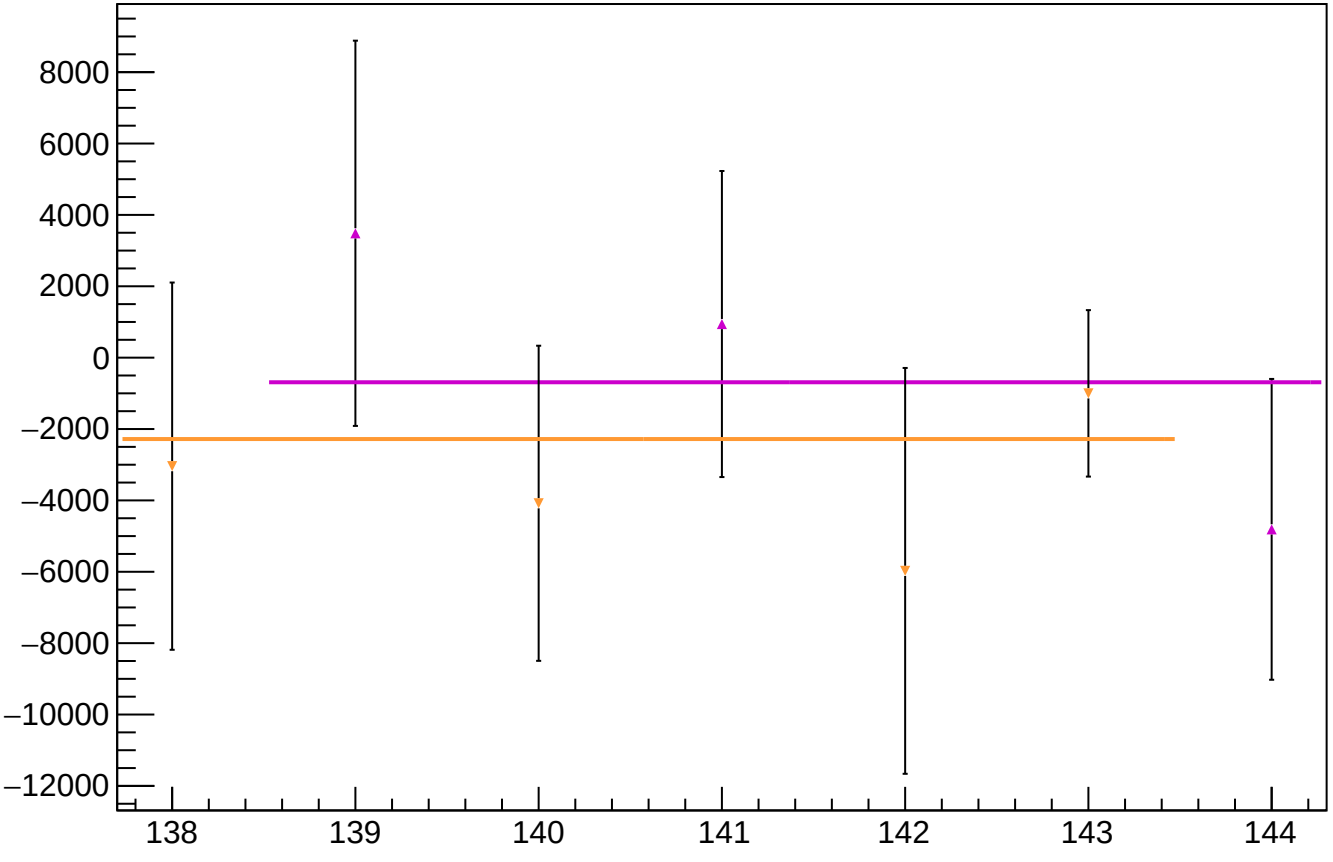
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1433.339+/-0.340 χ^2/NDF:554785.0/19

Out: 1453.749+/-0.339 χ^2/NDF:558522.7/22

All: 1443.589+/-0.240 χ^2/NDF: 1115114.2/42

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: -2280.599+/-1814.197 χ^2/NDF:0.9/3

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

Left In: -689.577+/-2626.067 χ^2/NDF:1.7/2

Left: -1766.584+/-1492.642 χ^2/NDF: 2.9/6

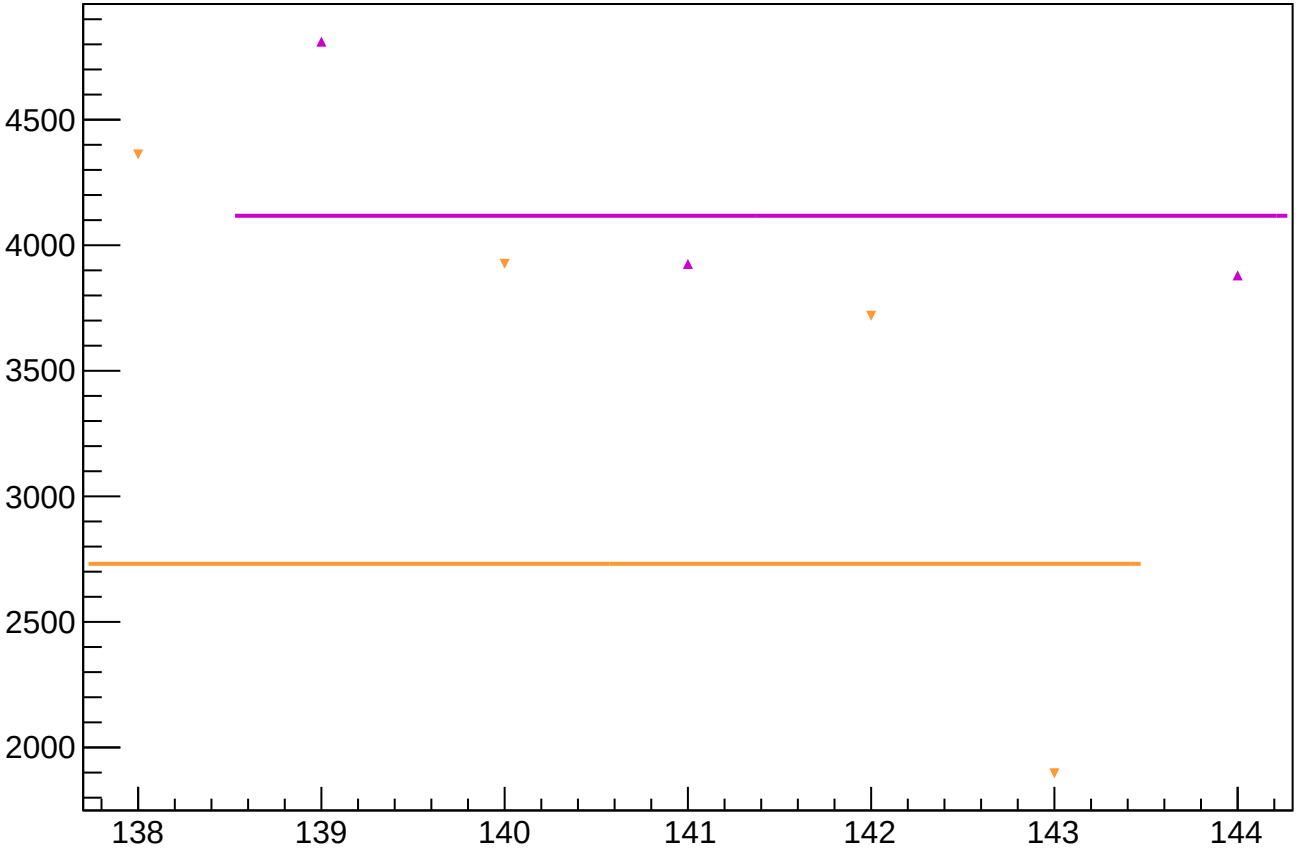
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -689.577+/-2626.067 χ^2/NDF:1.7/2

Out: -2280.599+/-1814.197 χ^2/NDF:0.9/3

All: -1766.584+/-1492.642 χ^2/NDF: 2.9/6

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: 2731.330+/-1.283 χ^2/NDF:663593.4/3

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

Left In: 4117.437+/-1.857 χ^2/NDF:43362.3/2

Left: 3179.142+/-1.055 χ^2/NDF: 1084140.6/6

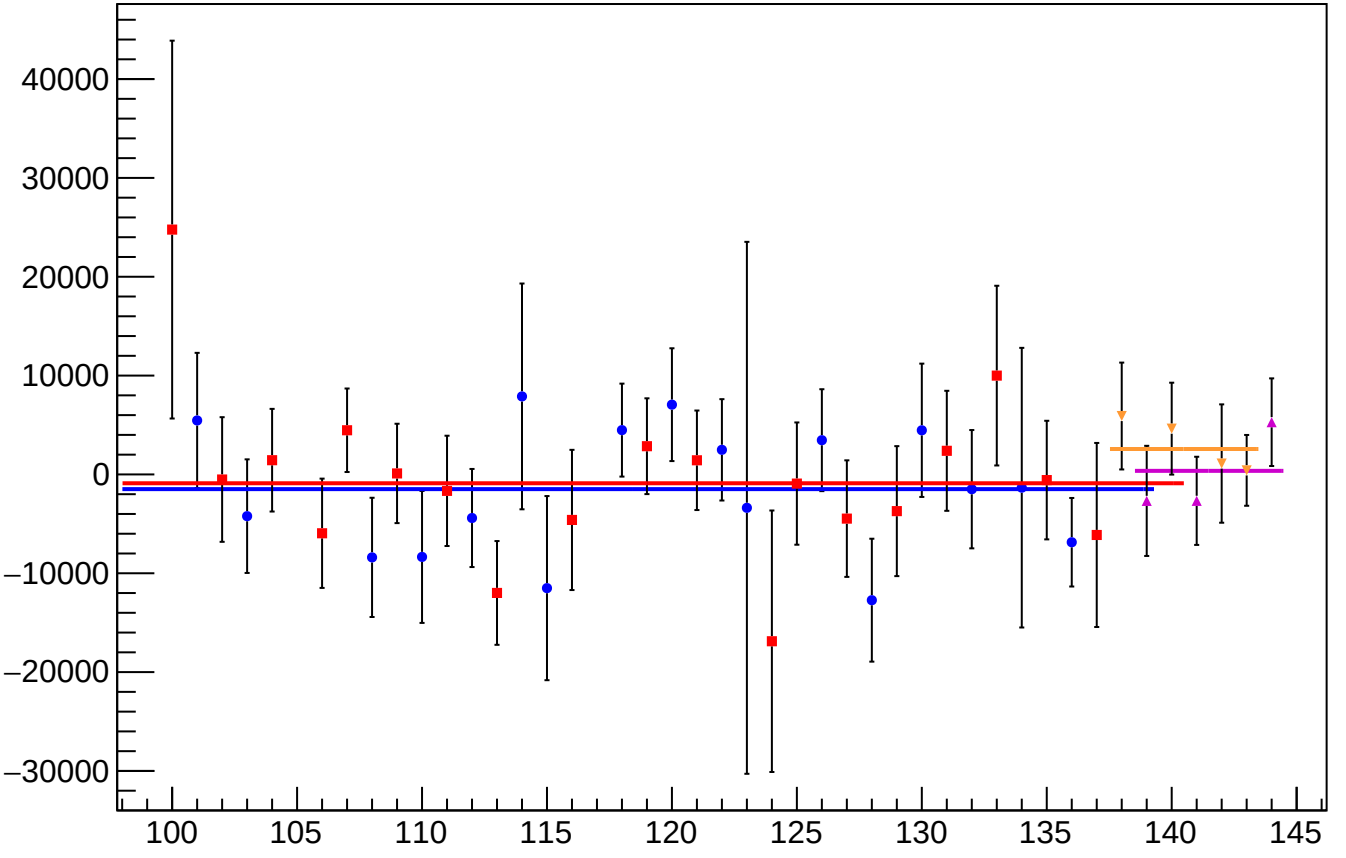
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4117.437+/-1.857 χ^2/NDF:43362.3/2

Out: 2731.330+/-1.283 χ^2/NDF:663593.4/3

All: 3179.142+/-1.055 χ^2/NDF: 1084140.6/6

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: 2572.488+/-2316.733 χ^2/NDF:1.0/3

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

Left In: 361.372+/-2738.294 χ^2/NDF:2.0/2

Left: 1650.051+/-1768.653 χ^2/NDF: 3.4/6

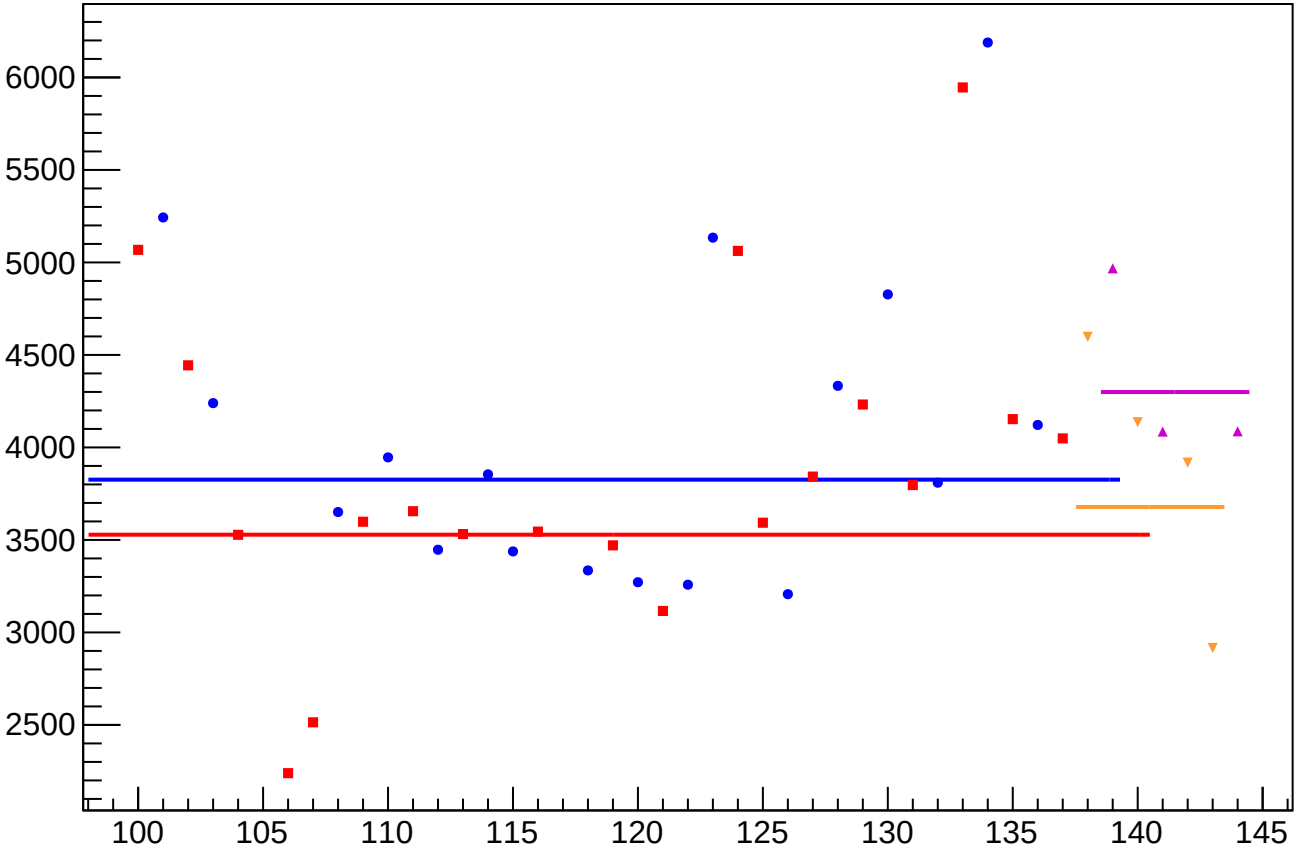
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -1060.792+/-1314.955 χ^2/NDF:19.0/19

Out: 12.674+/-1184.909 χ^2/NDF:16.8/22

All: -468.366+/-880.253 χ^2/NDF: 36.2/42

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: 3678.095+/-1.638 χ^2/NDF:171063.1/3

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

Left In: 4299.373+/-1.936 χ^2/NDF:37979.5/2

Left: 3937.281+/-1.251 χ^2/NDF: 269045.9/6

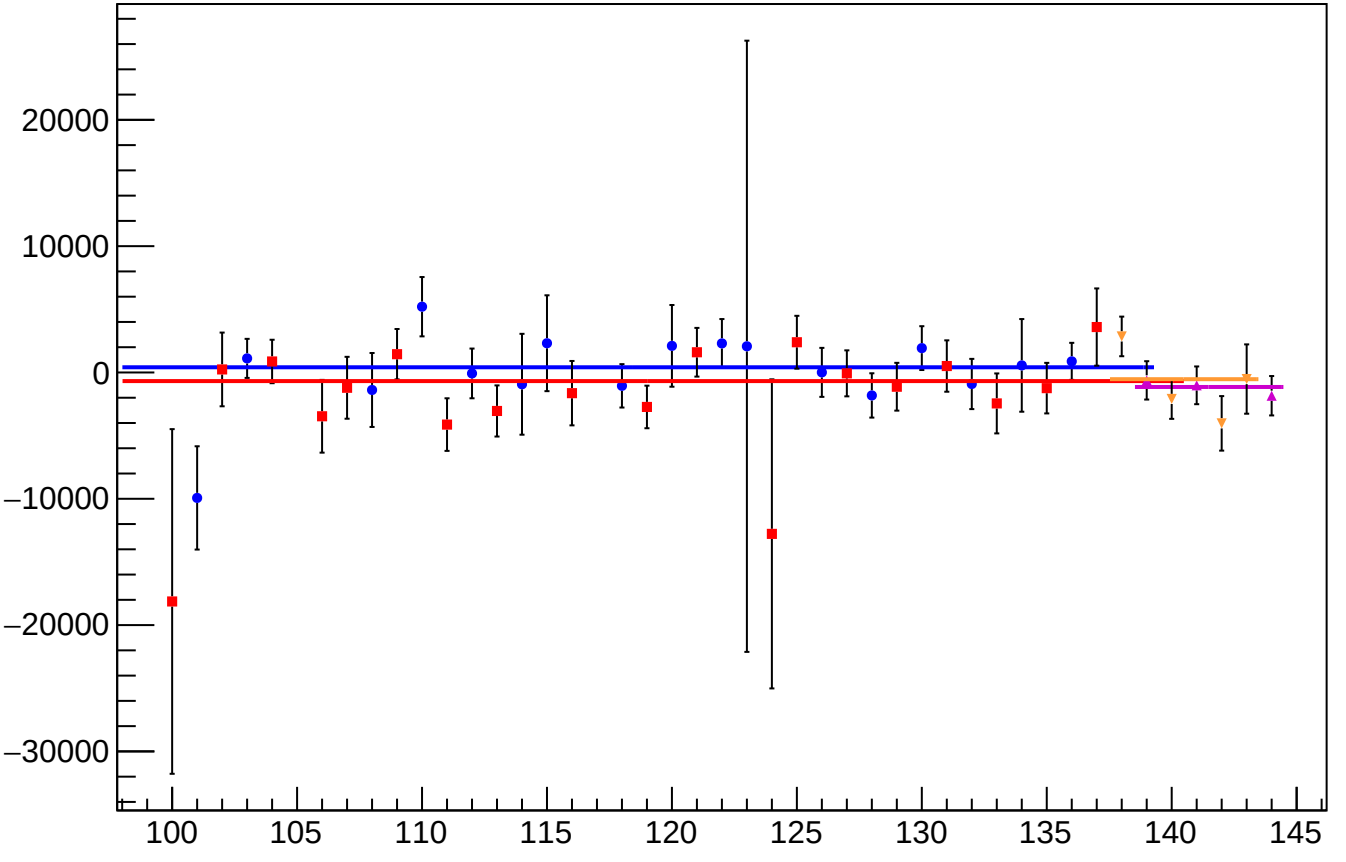
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 3935.036+/-0.930 χ^2/NDF:418401.0/19

Out: 3566.950+/-0.832 χ^2/NDF:732681.5/22

All: 3730.671+/-0.620 χ^2/NDF: 1238094.9/42

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: -531.820+/-930.124 χ^2/NDF:8.3/3

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

Left In: -1148.192+/-879.332 χ^2/NDF:0.3/2

Left: -857.294+/-638.984 χ^2/NDF: 8.8/6

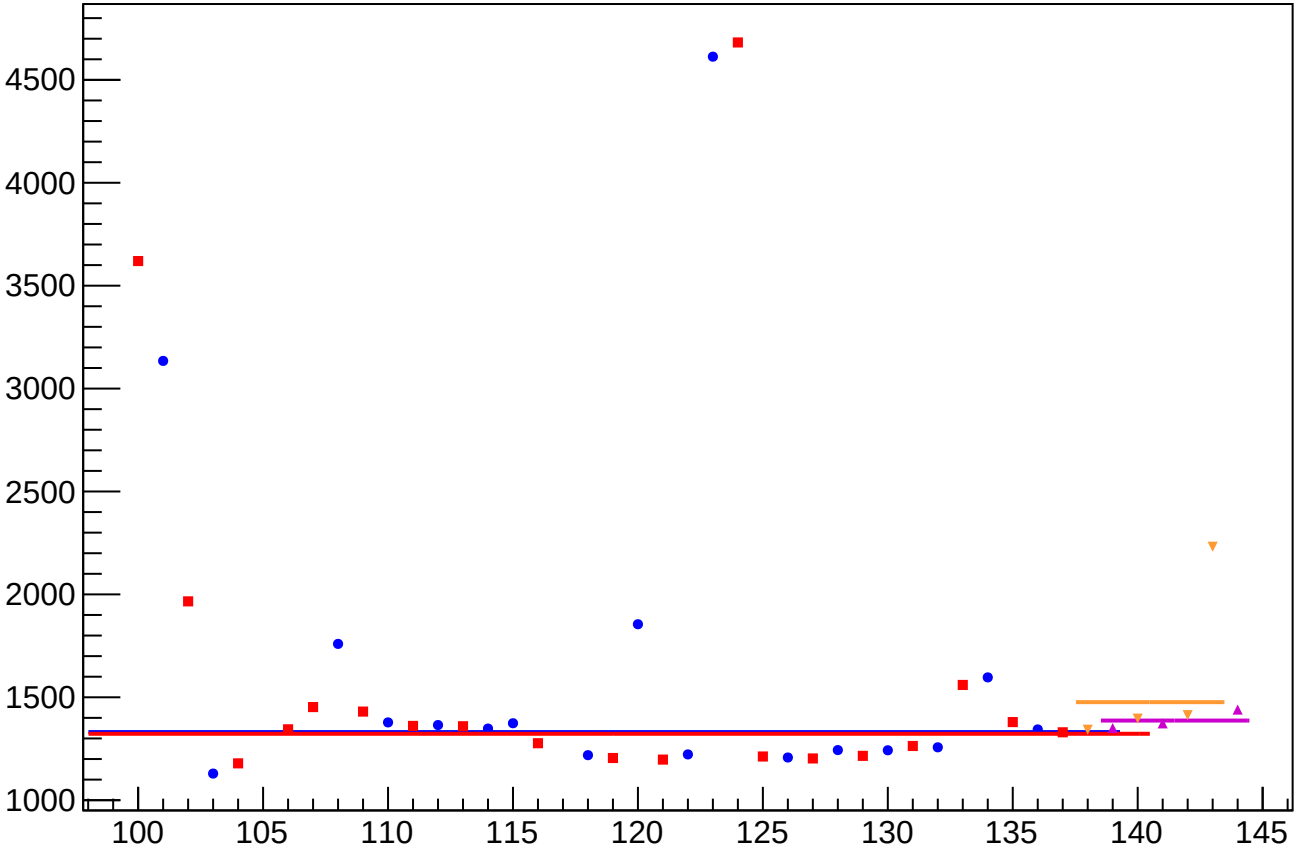
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: -1.857+/-452.653 χ^2/NDF:19.2/19

Out: -647.400+/-447.320 χ^2/NDF:26.3/22

All: -328.454+/-318.172 χ^2/NDF: 46.5/42

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: 1476.397+/-0.658 χ^2/NDF:172899.8/3

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

Left In: 1386.962+/-0.622 χ^2/NDF:3657.9/2

Left: 1429.171+/-0.452 χ^2/NDF: 186321.9/6

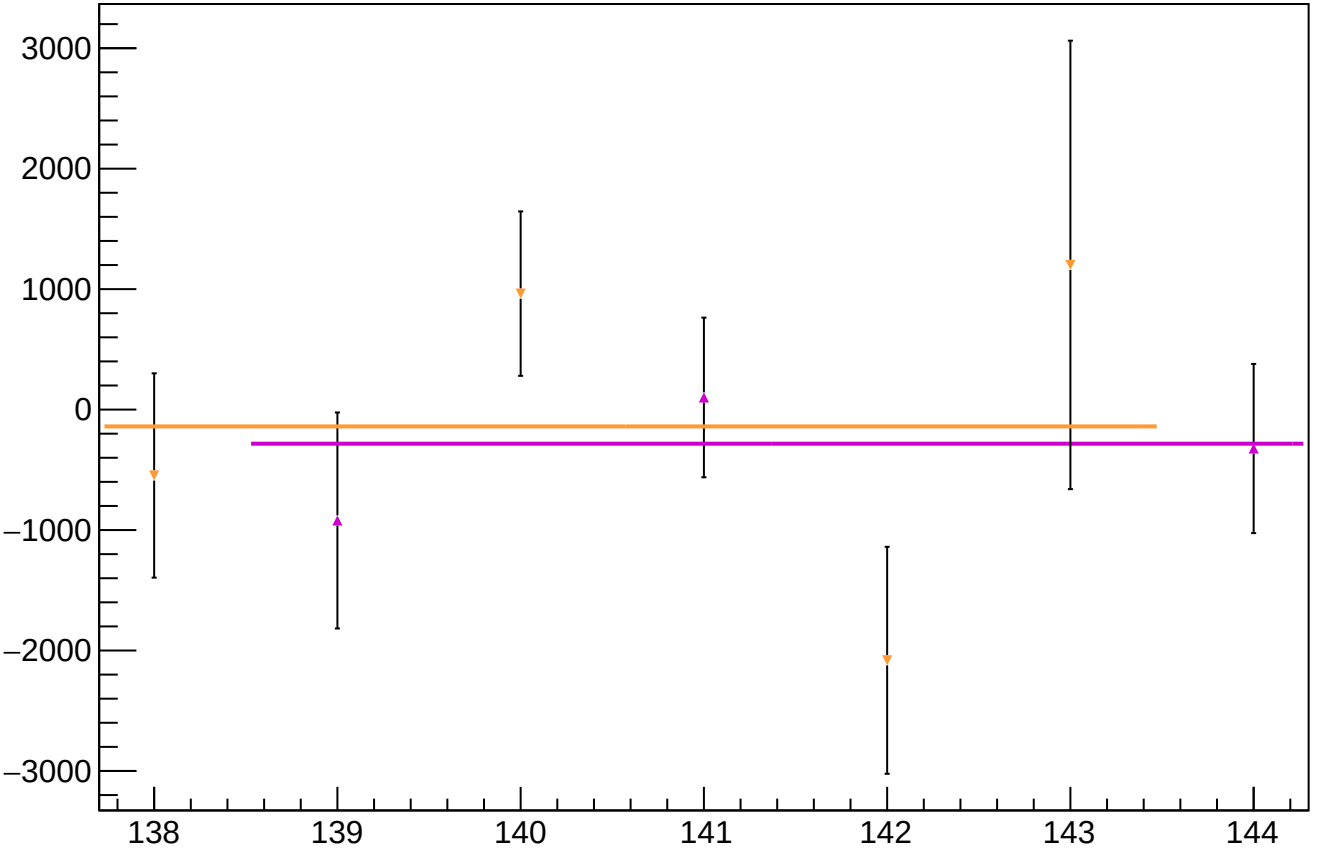
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1345.748+/-0.320 χ^2/NDF:613110.0/19

Out: 1358.253+/-0.316 χ^2/NDF:609290.7/22

All: 1352.074+/-0.225 χ^2/NDF: 1223172.8/42

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: -139.664+/-449.386 χ^2/NDF:7.6/3

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

Left In: -283.138+/-424.539 χ^2/NDF:0.8/2

Left: -215.477+/-308.605 χ^2/NDF: 8.5/6

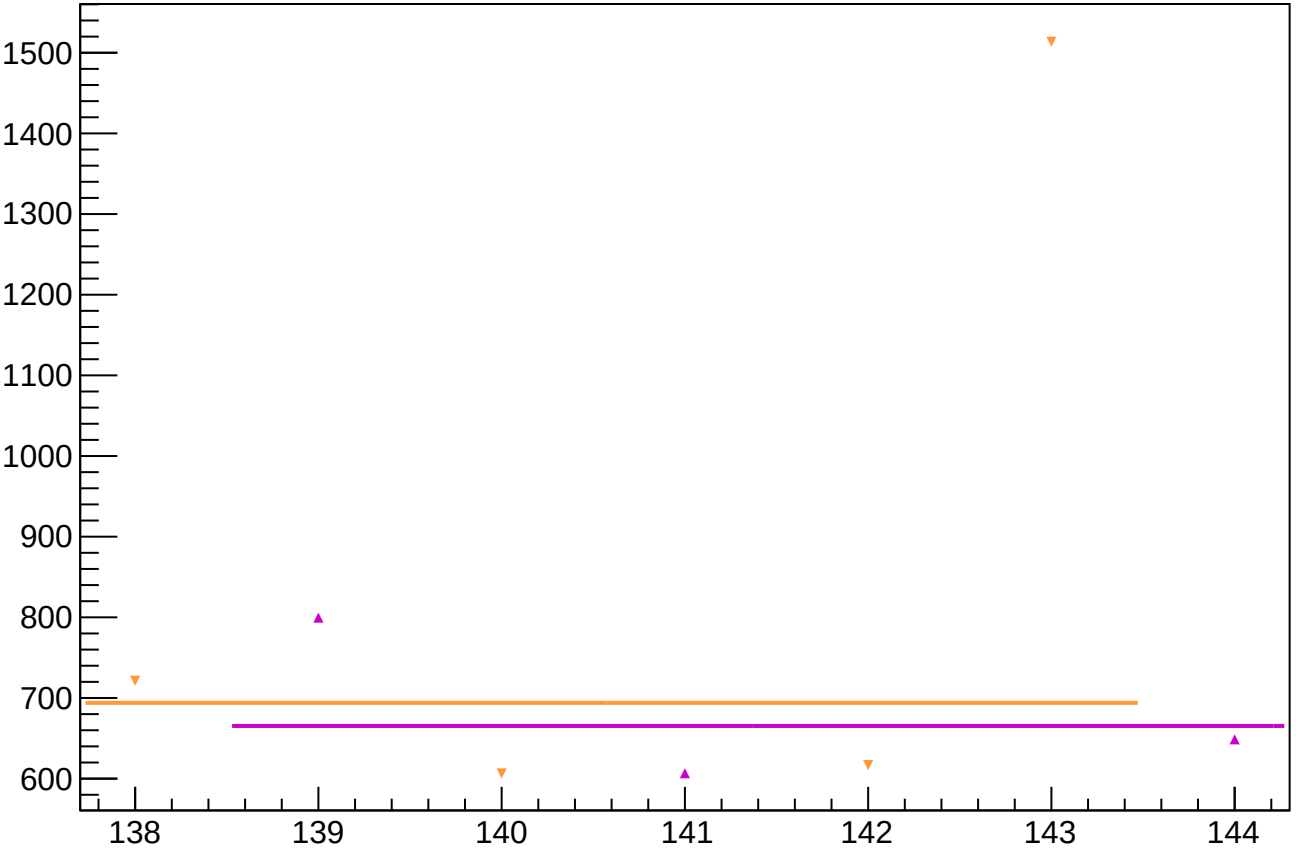
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -283.138+/-424.539 χ^2/NDF:0.8/2

Out: -139.664+/-449.386 χ^2/NDF:7.6/3

All: -215.477+/-308.605 χ^2/NDF: 8.5/6

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: 693.961+/-0.318 χ^2/NDF:436099.6/3

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

Left In: 665.337+/-0.300 χ^2/NDF:61621.3/2

Left: 678.836+/-0.218 χ^2/NDF: 502008.6/6

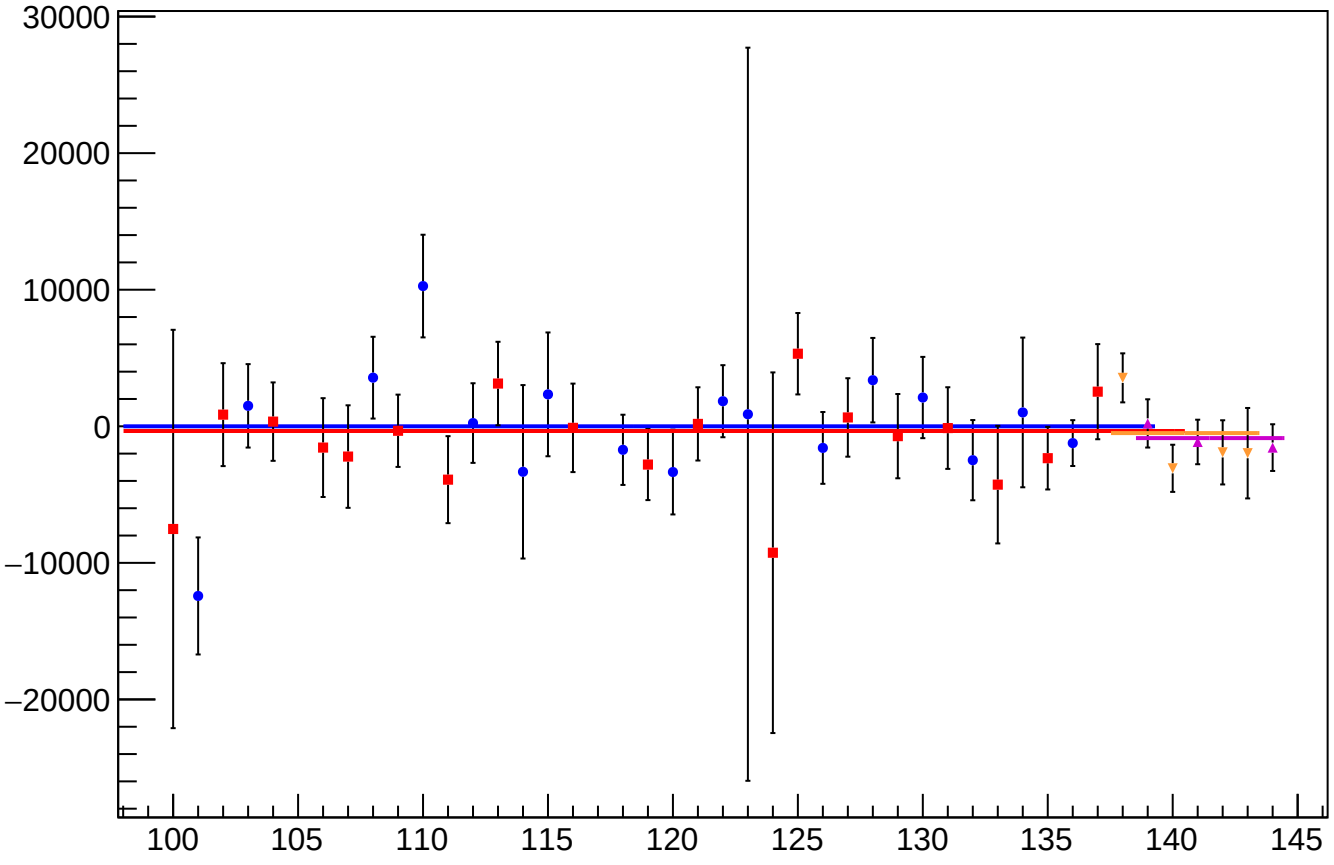
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 665.337+/-0.300 χ^2/NDF:61621.3/2

Out: 693.961+/-0.318 χ^2/NDF:436099.6/3

All: 678.836+/-0.218 χ^2/NDF: 502008.6/6

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: -497.489+/-1043.563 χ^2/NDF:7.9/3

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

Left In: -864.624+/-981.088 χ^2/NDF:0.6/2

Left: -692.374+/-714.800 χ^2/NDF: 8.5/6

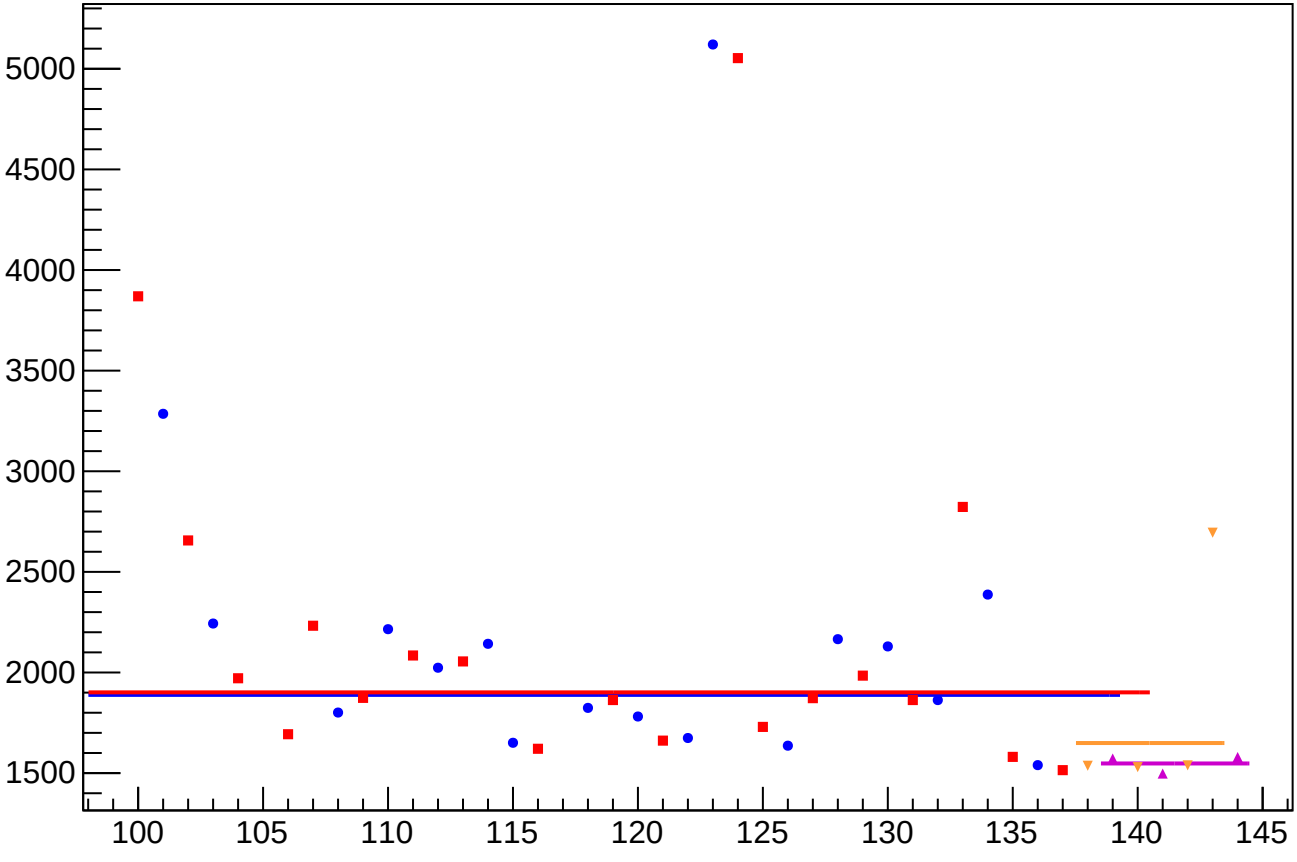
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -317.654+/-593.354 χ^2/NDF:24.6/19

Out: -395.544+/-600.215 χ^2/NDF:18.6/22

All: -356.151+/-421.970 χ^2/NDF: 43.2/42

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: 1649.490+/-0.738 χ^2/NDF:221303.4/3

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

Left In: 1547.940+/-0.694 χ^2/NDF:2993.0/2

Left: 1595.584+/-0.505 χ^2/NDF: 234349.5/6

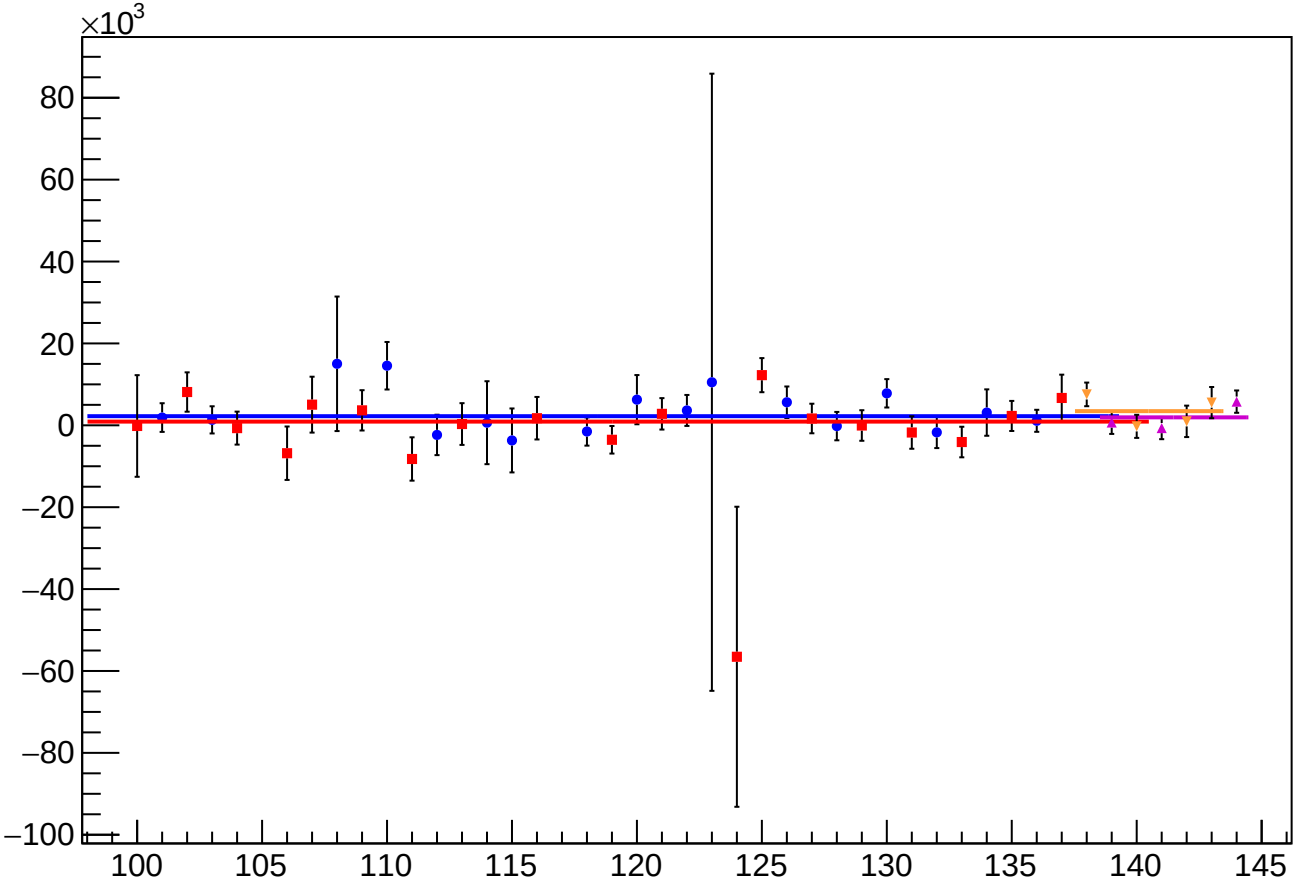
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1764.130+/-0.420 χ^2/NDF:621958.2/19

Out: 1817.966+/-0.424 χ^2/NDF:760623.7/22

All: 1790.739+/-0.298 χ^2/NDF: 1390719.6/42

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 3457.813+/-1617.082 χ^2/NDF:4.5/3

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

Left In: 1941.683+/-1583.239 χ^2/NDF:3.1/2

Left: 2683.717+/-1131.294 χ^2/NDF: 8.0/6

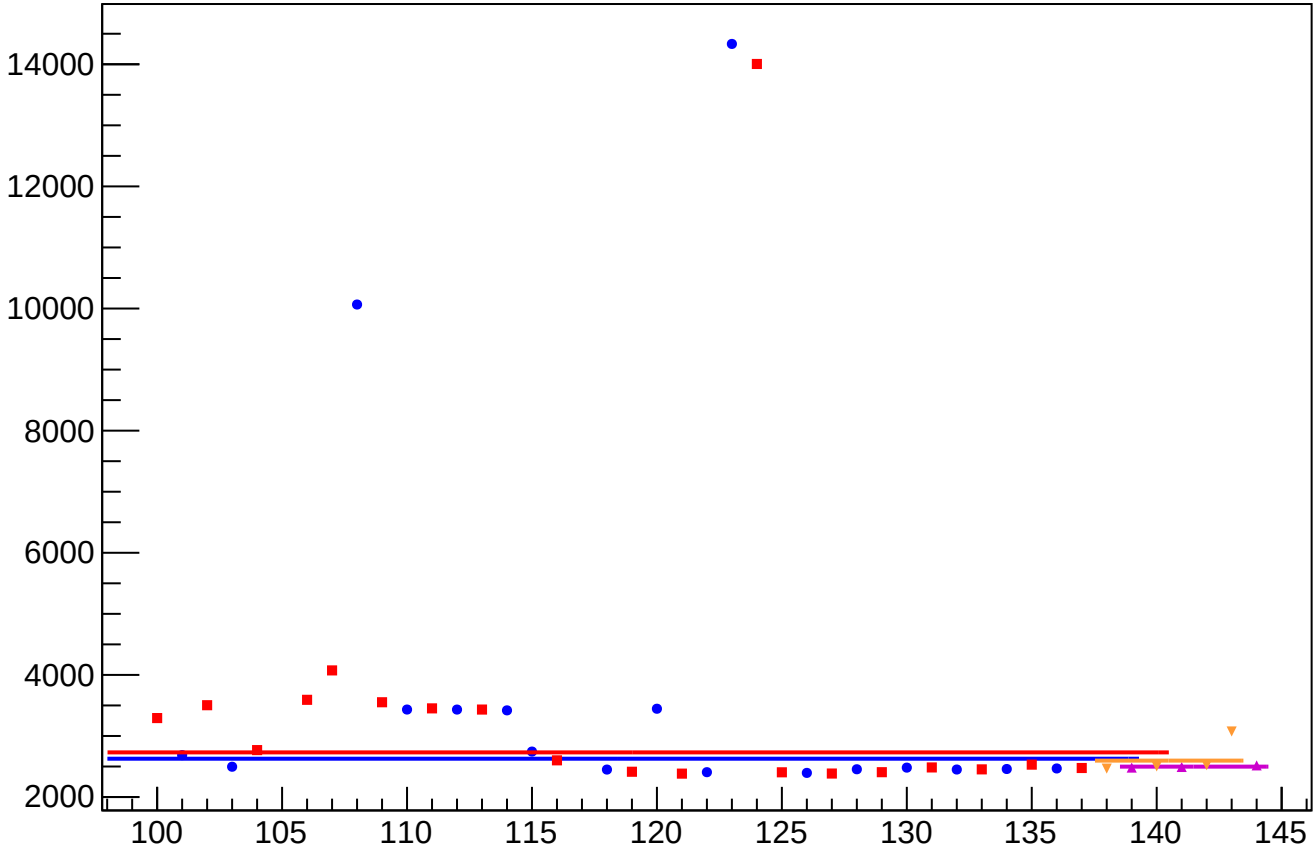
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 2141.441+/-868.822 χ^2/NDF:16.7/19

Out: 1660.929+/-878.796 χ^2/NDF:29.1/22

All: 1903.928+/-617.846 χ^2/NDF: 46.0/42

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2596.483+/-1.143 χ^2/NDF:38505.5/3

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

Left In: 2498.013+/-1.120 χ^2/NDF:181.6/2

Left: 2546.207+/-0.800 χ^2/NDF: 42473.6/6

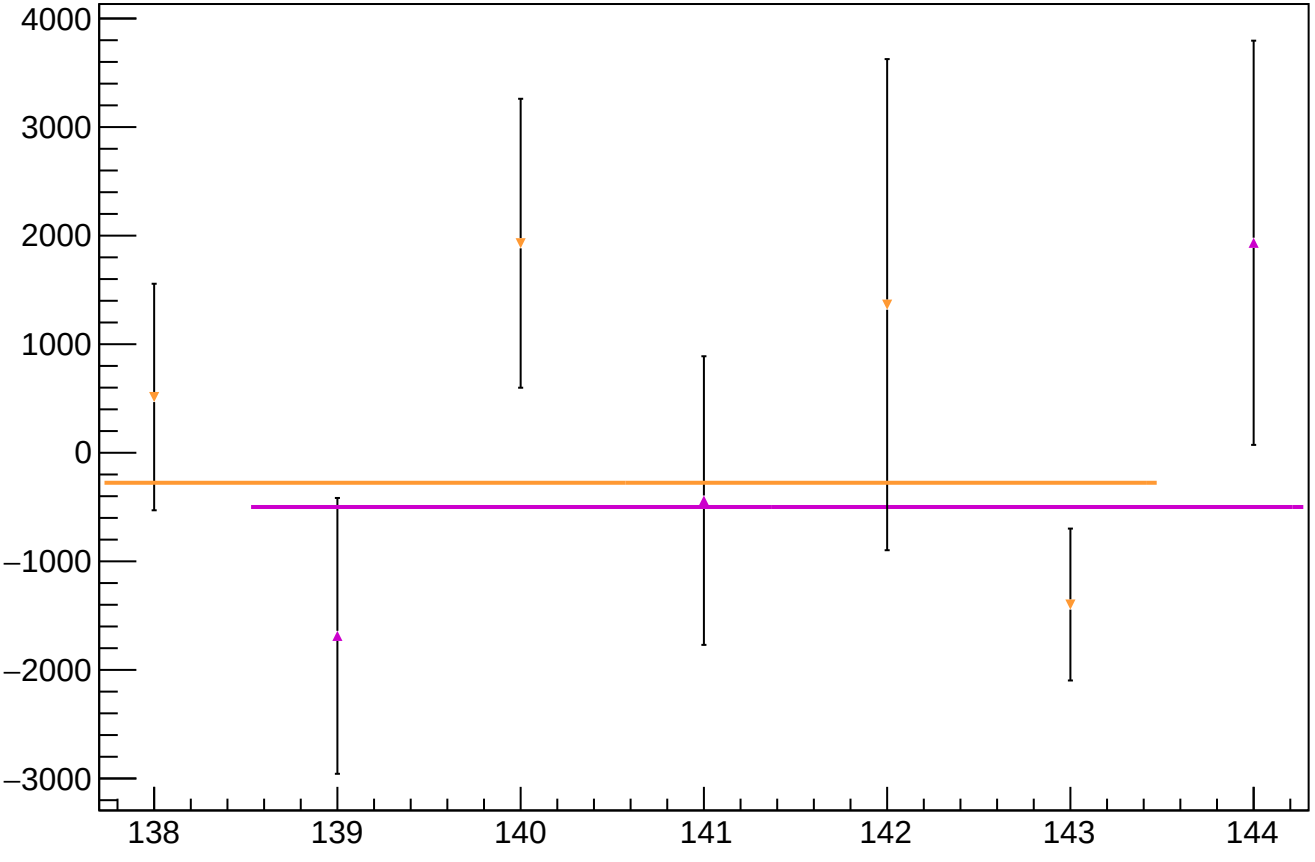
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2588.555+/-0.614 χ^2/NDF:653937.7/19

Out: 2691.464+/-0.621 χ^2/NDF:646504.5/22

All: 2639.422+/-0.437 χ^2/NDF: 1314311.5/42

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: -276.282+/-518.293 χ^2/NDF:6.4/3

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

Left In: -499.397+/-823.620 χ^2/NDF:2.6/2

Left: -339.573+/-438.664 χ^2/NDF: 9.1/6

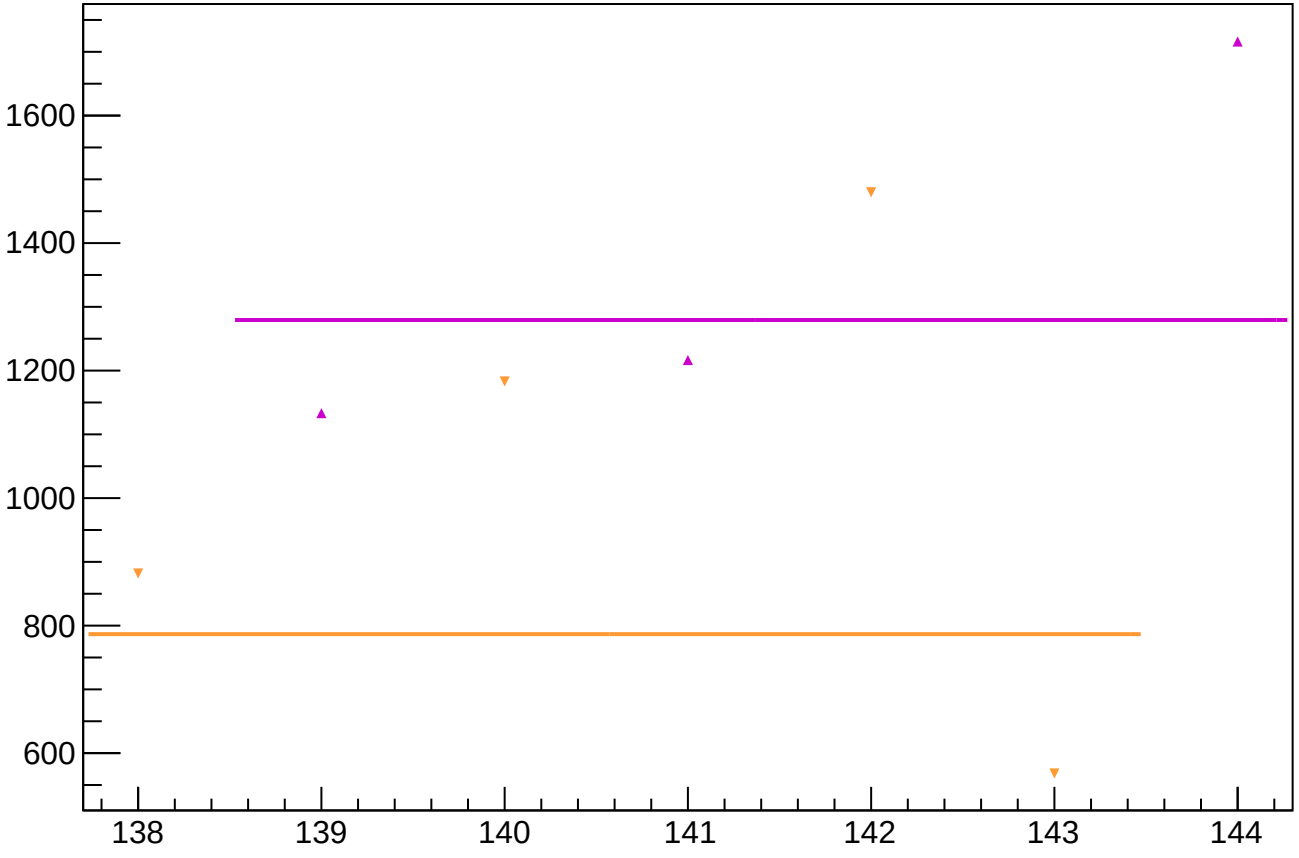
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -499.397+/-823.620 χ^2/NDF:2.6/2

Out: -276.282+/-518.293 χ^2/NDF:6.4/3

All: -339.573+/-438.664 χ^2/NDF: 9.1/6

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 786.636+/-0.366 χ^2/NDF:577051.2/3

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

Left In: 1279.362+/-0.582 χ^2/NDF:141023.8/2

Left: 926.407+/-0.310 χ^2/NDF: 1230821.3/6

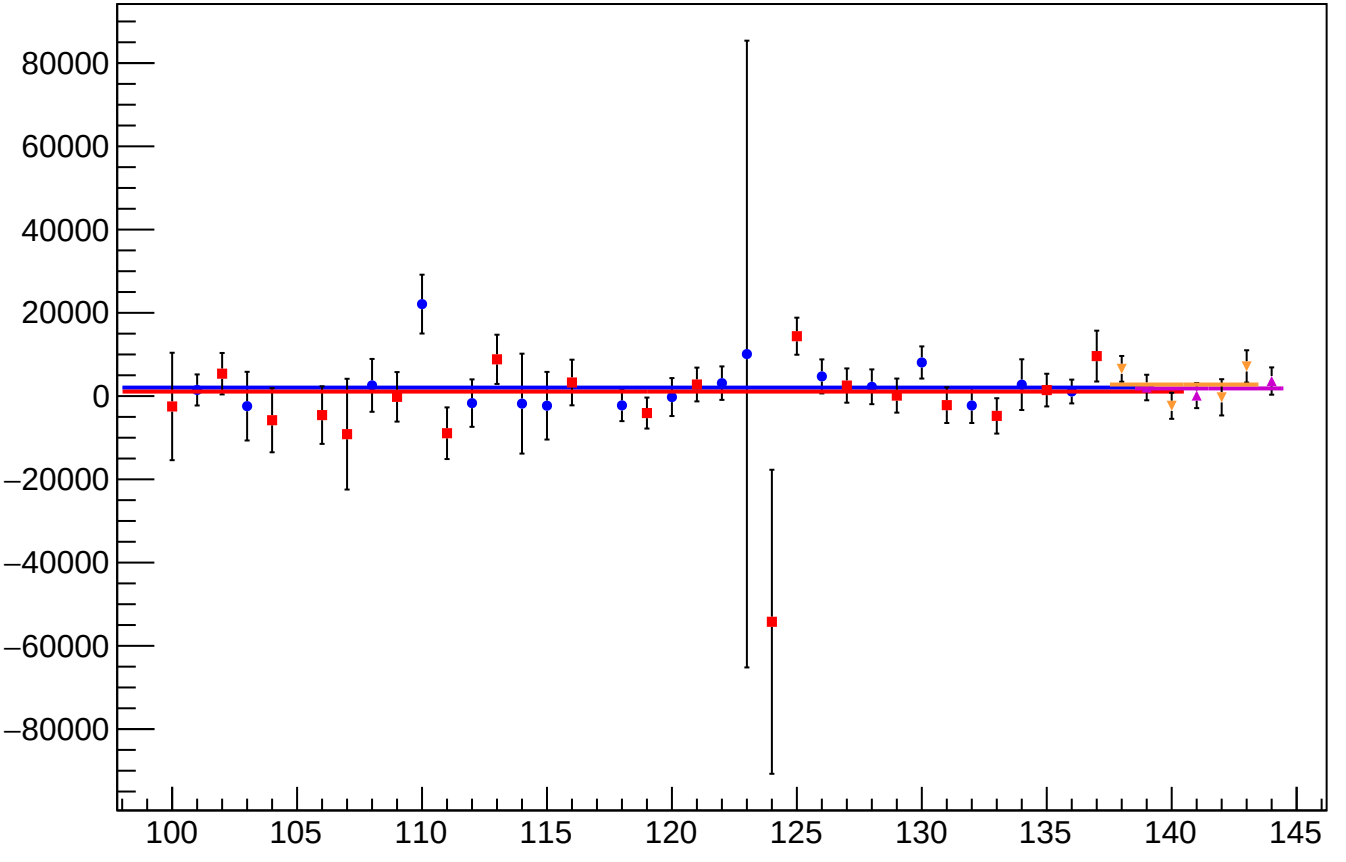
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1279.362+/-0.582 χ^2/NDF:141023.8/2

Out: 786.636+/-0.366 χ^2/NDF:577051.2/3

All: 926.407+/-0.310 χ^2/NDF: 1230821.3/6

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2778.194+/-1752.504 χ^2/NDF:5.9/3

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

Left In: 1841.847+/-1798.775 χ^2/NDF:0.6/2

Left: 2322.218+/-1255.247 χ^2/NDF: 6.7/6

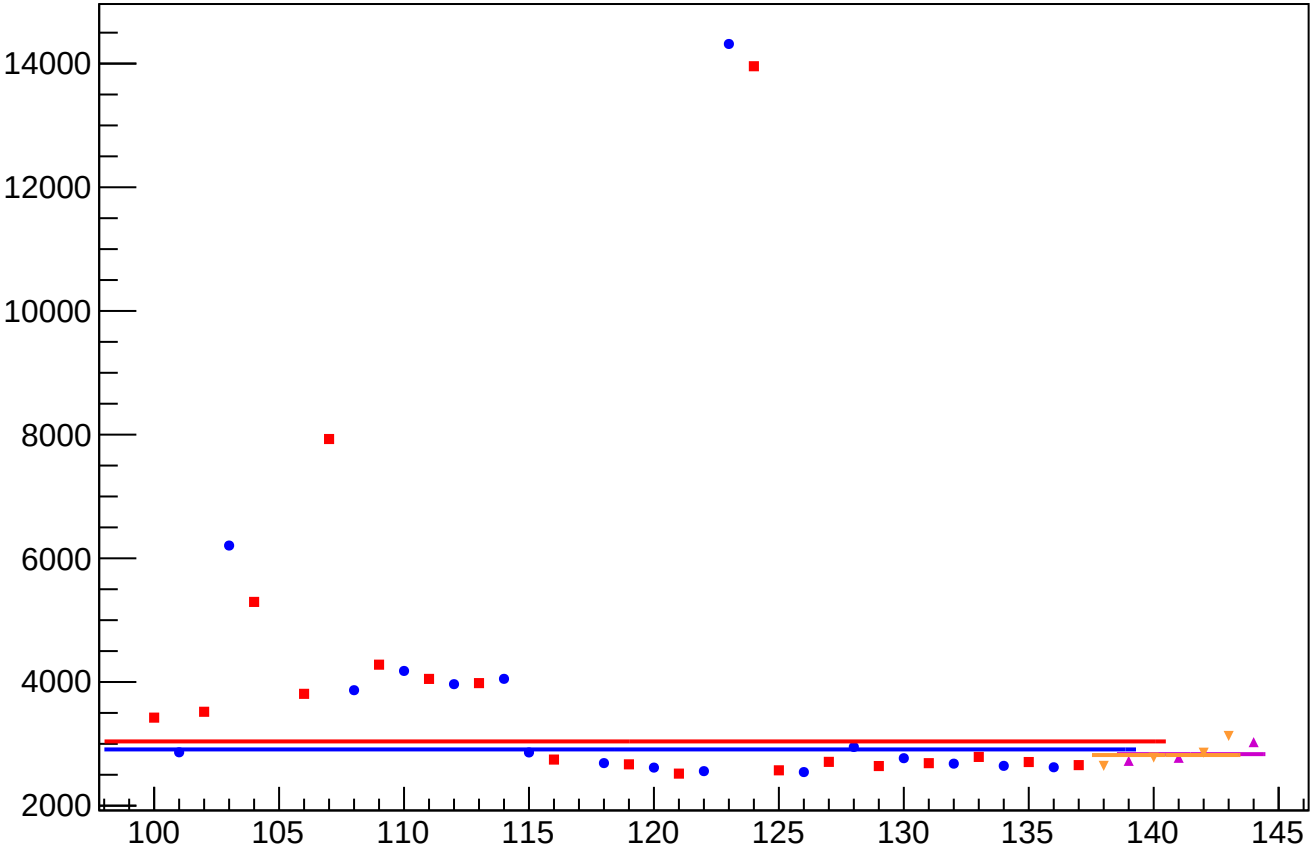
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1980.848+/-969.758 χ^2/NDF:15.5/19

Out: 1613.937+/-982.597 χ^2/NDF:31.9/22

All: 1799.805+/-690.217 χ^2/NDF: 47.4/42

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2819.036+/-1.239 χ^2/NDF:19578.7/3

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

Left In: 2833.571+/-1.272 χ^2/NDF:10268.2/2

Left: 2826.114+/-0.888 χ^2/NDF: 29913.9/6

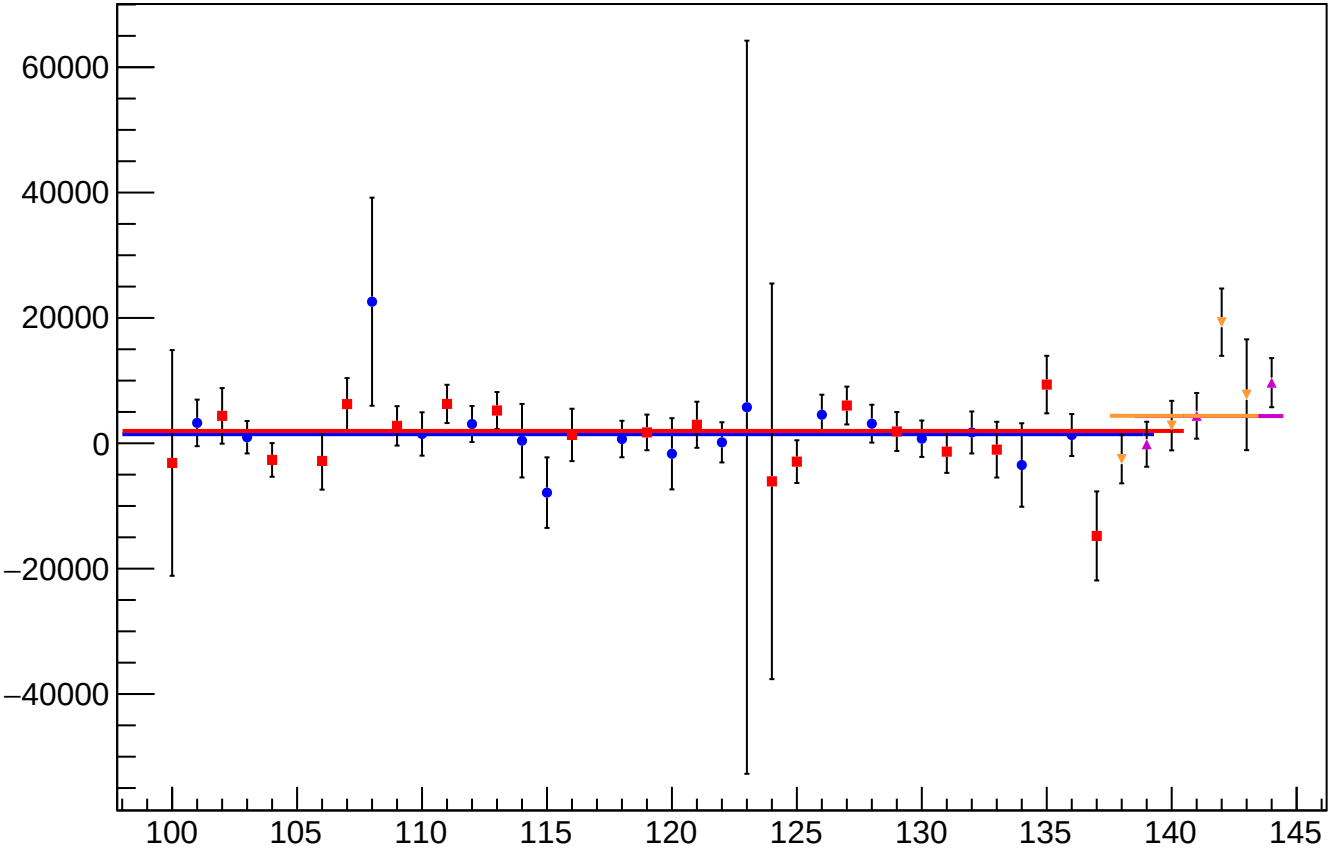
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2887.596+/-0.686 χ^2/NDF:654706.3/19

Out: 2969.932+/-0.695 χ^2/NDF:1052511.2/22

All: 2928.223+/-0.488 χ^2/NDF: 1714331.3/42

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 4385.622+/-2368.417 χ^2/NDF:11.2/3

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

Left In: 4347.716+/-2141.764 χ^2/NDF:3.4/2

Left: 4364.769+/-1588.558 χ^2/NDF: 14.6/6

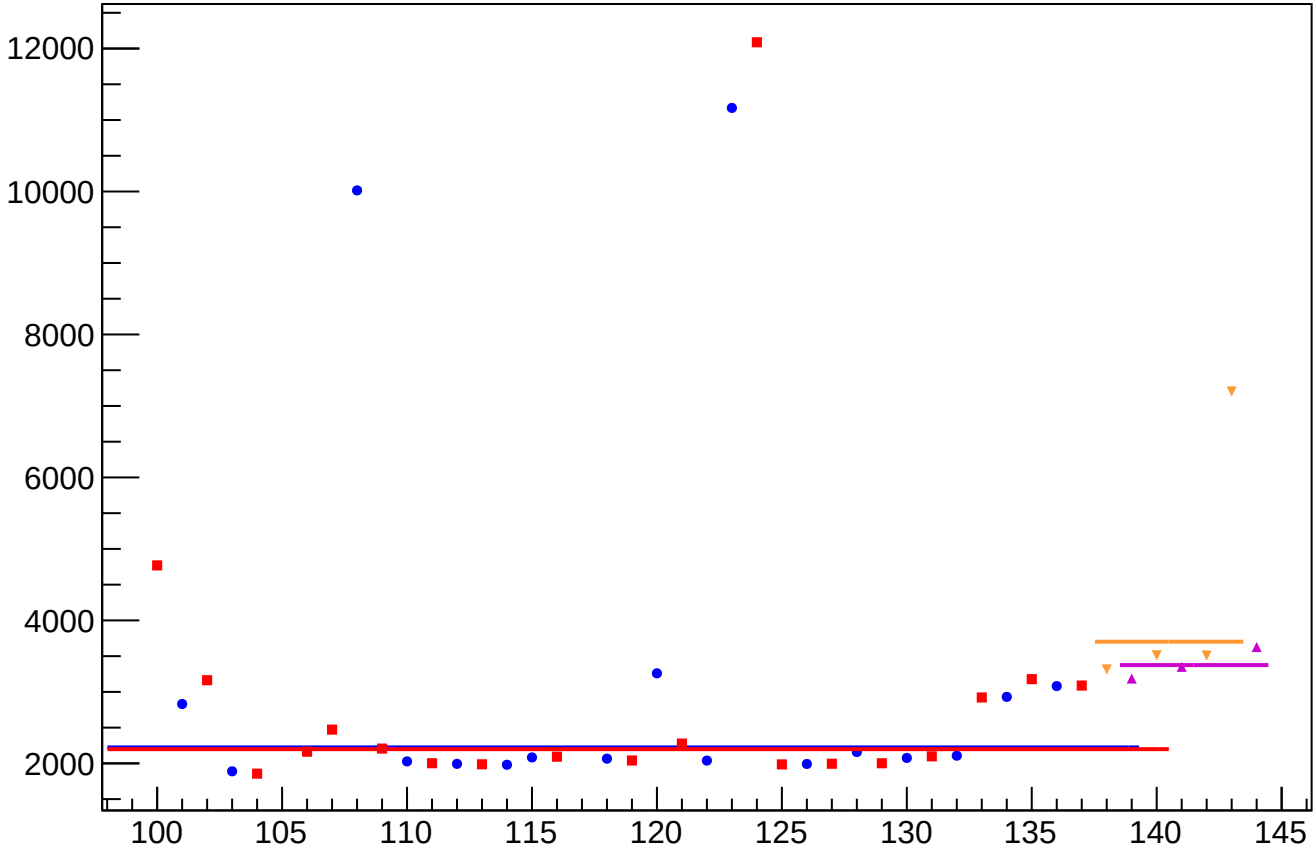
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 1877.569+/-821.084 χ^2/NDF:12.4/19

Out: 2245.191+/-800.446 χ^2/NDF:34.5/22

All: 2066.058+/-573.158 χ^2/NDF: 47.0/42

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 3702.039+/-1.675 χ^2/NDF:340956.4/3

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

Left In: 3375.038+/-1.514 χ^2/NDF:13921.1/2

Left: 3522.147+/-1.123 χ^2/NDF: 375851.2/6

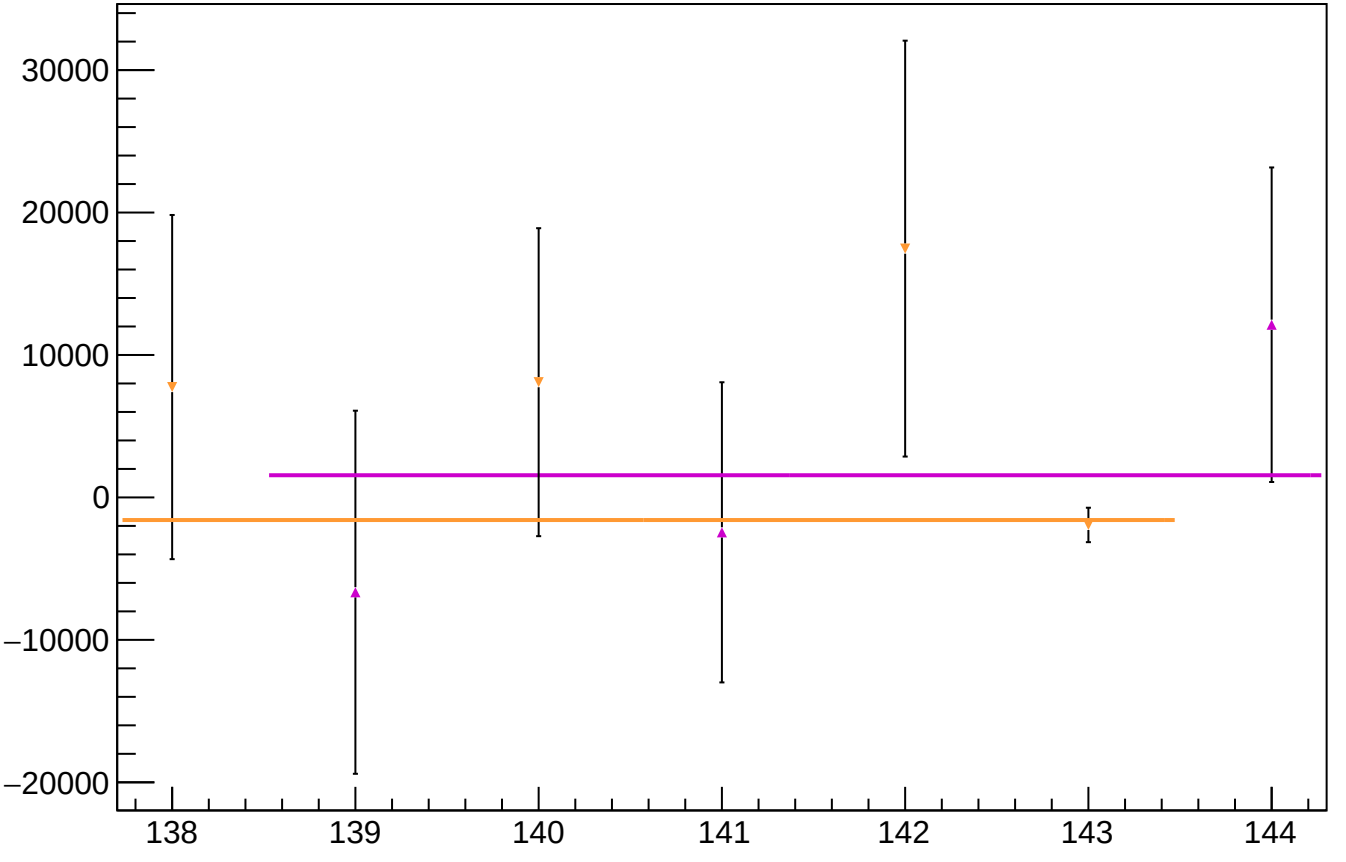
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2392.429+/-0.581 χ^2/NDF:1357708.0/19

Out: 2370.246+/-0.566 χ^2/NDF:1657196.8/22

All: 2381.048+/-0.405 χ^2/NDF: 3015653.7/42

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1587.278+/-1191.304 χ^2/NDF:3.2/3

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

Left In: 1557.790+/-6541.661 χ^2/NDF:1.5/2

Left: -1486.323+/-1172.028 χ^2/NDF: 4.9/6

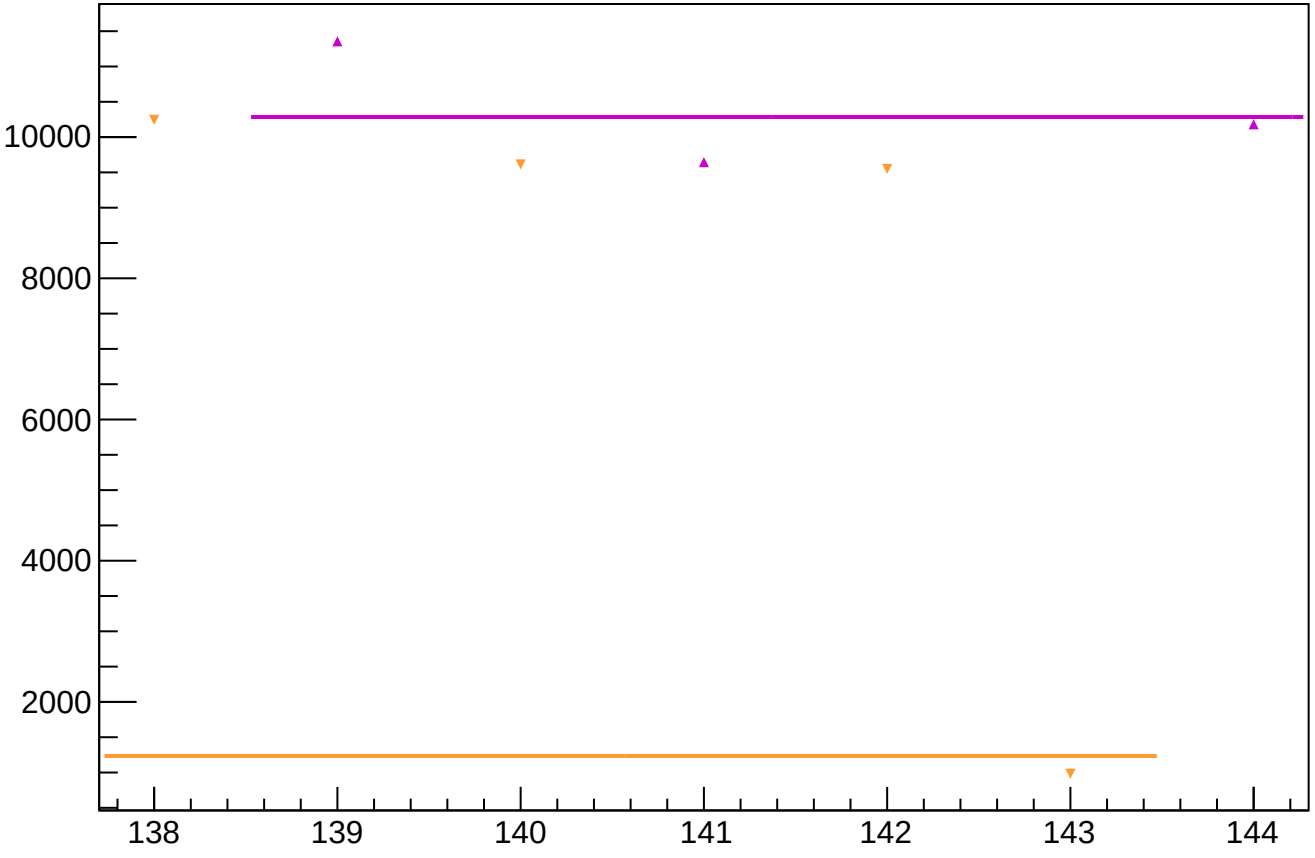
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1557.790+/-6541.661 χ^2/NDF:1.5/2

Out: -1587.278+/-1191.304 χ^2/NDF:3.2/3

All: -1486.323+/-1172.028 χ^2/NDF: 4.9/6

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1234.750+/-0.842 χ^2/NDF:3049562.5/3

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

Left In: 10284.641+/-4.626 χ^2/NDF:21677.1/2

Left: 1525.248+/-0.829 χ^2/NDF: 6776094.8/6

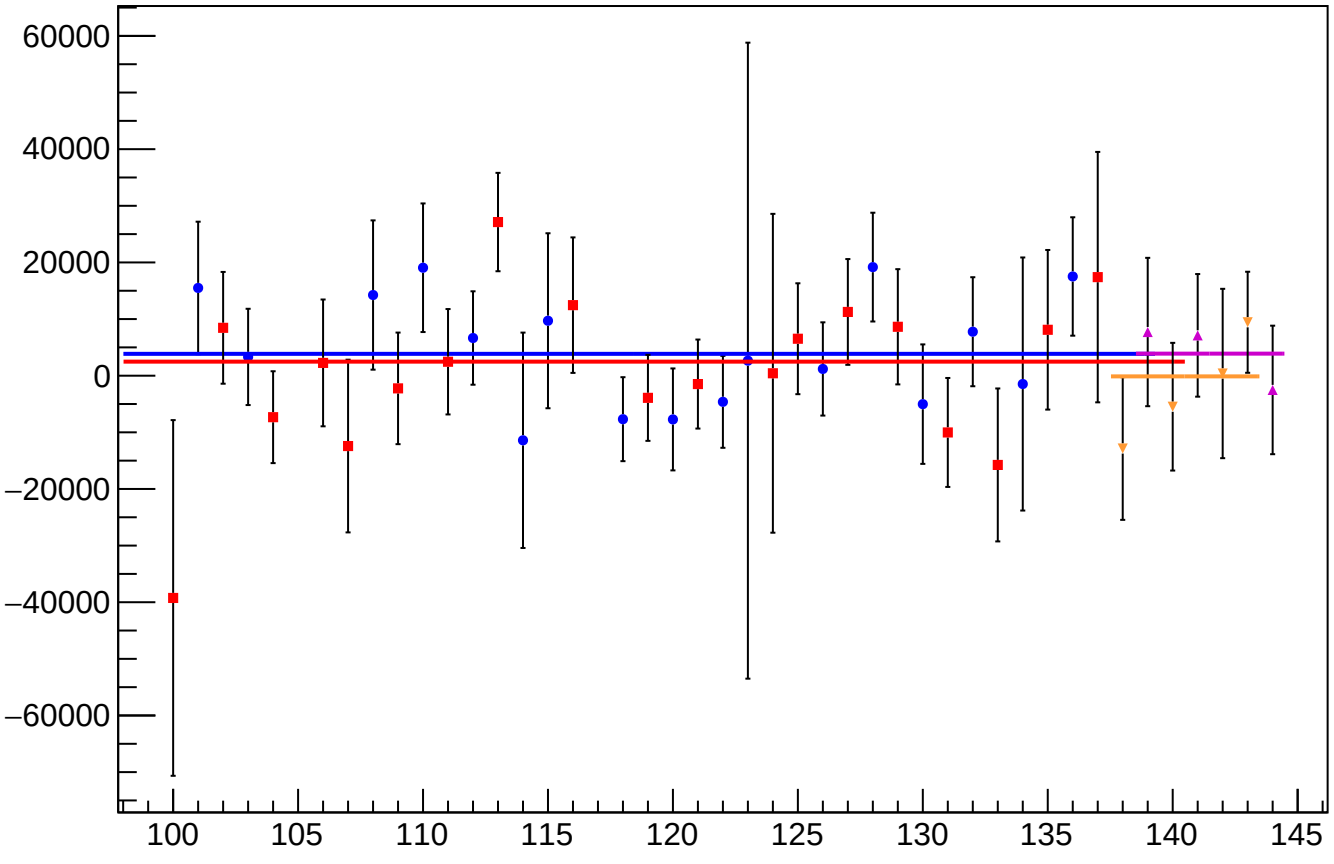
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10284.641+/-4.626 χ^2/NDF:21677.1/2

Out: 1234.750+/-0.842 χ^2/NDF:3049562.5/3

All: 1525.248+/-0.829 χ^2/NDF: 6776094.8/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: -120.381+/-5661.374 χ^2/NDF:2.4/3

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 3895.216+/-6722.969 χ^2/NDF:0.5/2

Left: 1545.708+/-4330.472 χ^2/NDF: 3.1/6

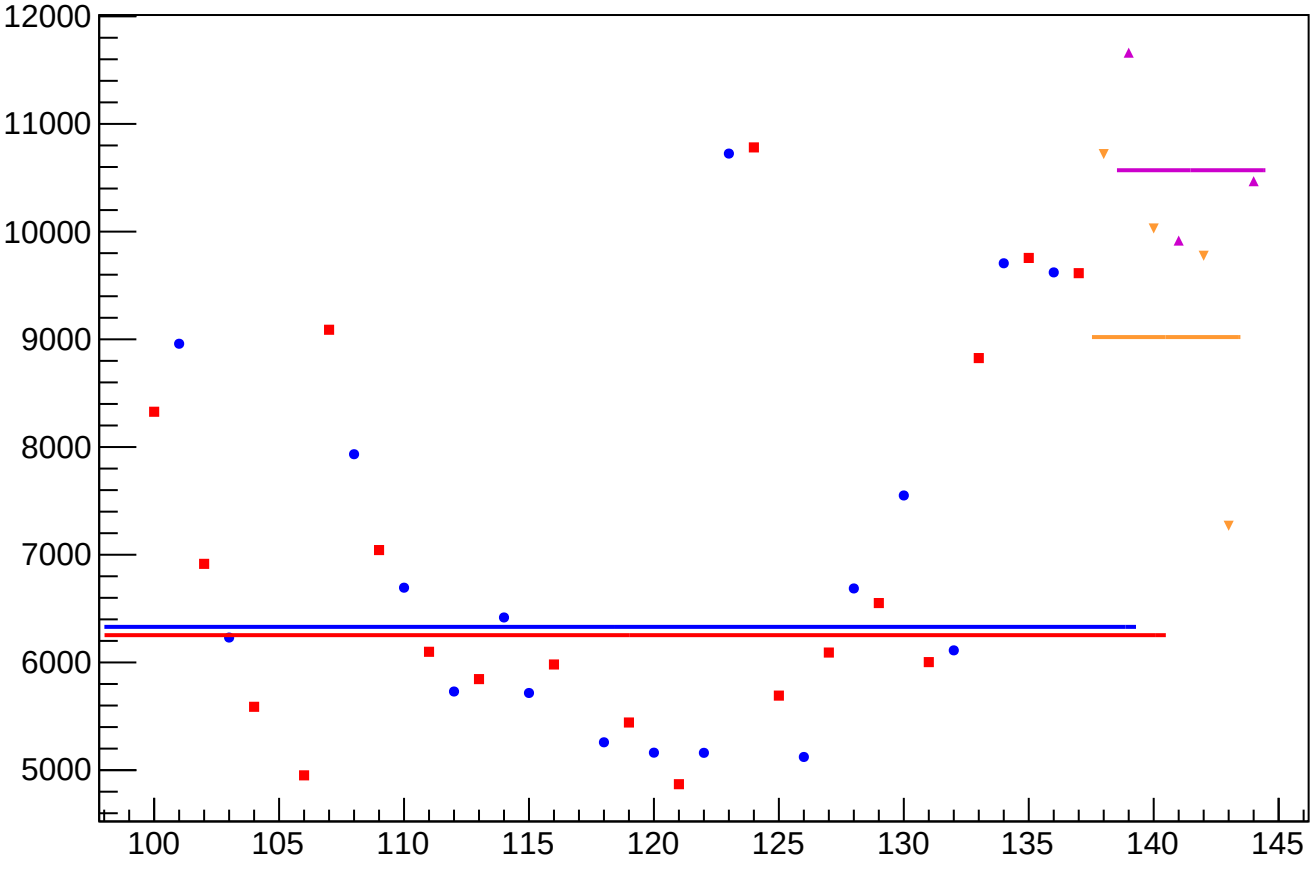
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 3864.187+/-2350.460 χ^2/NDF:15.3/19

Out: 2080.368+/-2226.245 χ^2/NDF:22.6/22

All: 2923.899+/-1616.323 χ^2/NDF: 38.2/42

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 9020.934+/-4.003 χ^2/NDF:134547.2/3

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10569.960+/-4.754 χ^2/NDF:21325.5/2

Left: 9663.632+/-3.062 χ^2/NDF: 217995.6/6

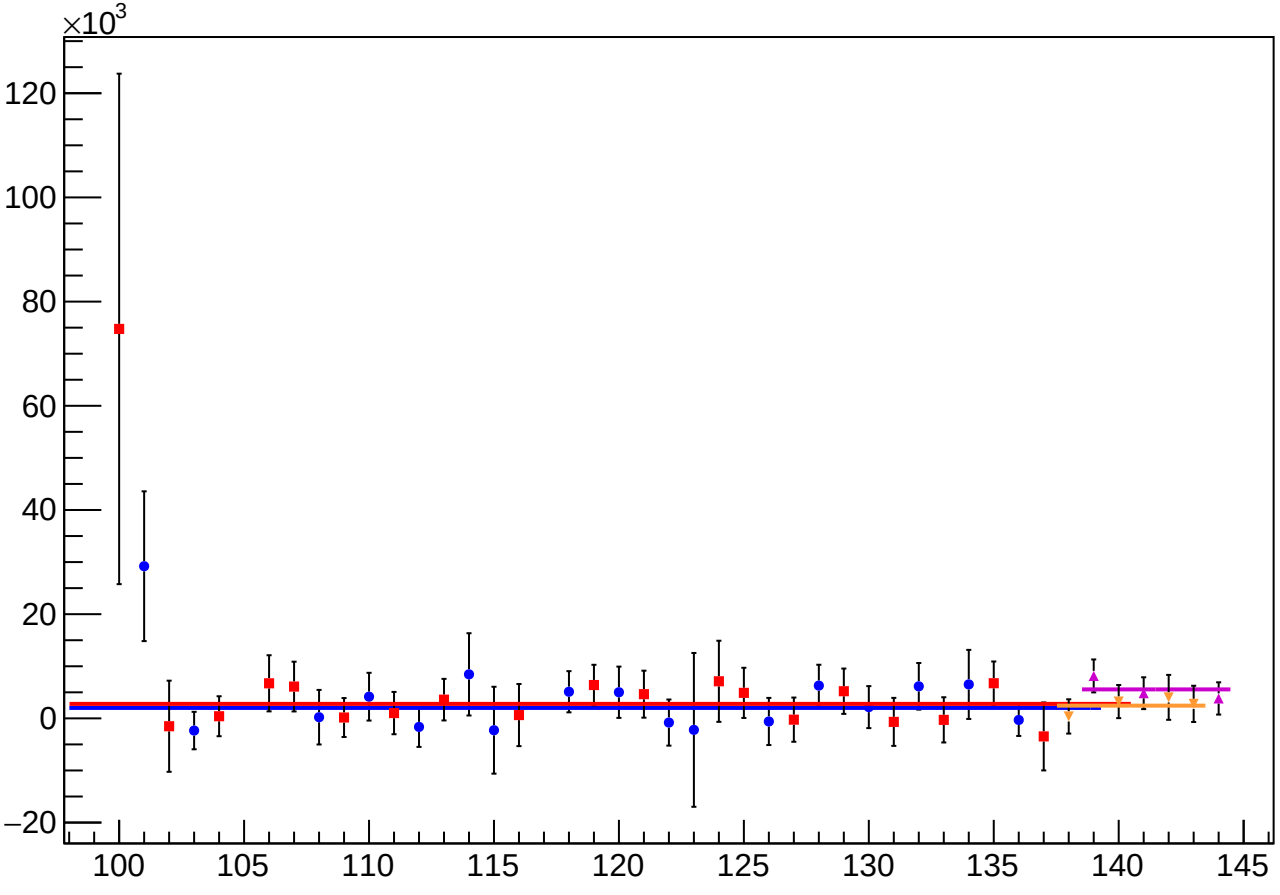
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 6848.509+/-1.662 χ^2/NDF:1312876.4/19

Out: 6681.260+/-1.574 χ^2/NDF:1073962.2/22

All: 6760.345+/-1.143 χ^2/NDF: 2392176.6/42

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2442.189+/-1746.671 χ^2/NDF:0.6/3

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 5560.379+/-1791.854 χ^2/NDF:1.0/2

Left: 3961.475+/-1250.751 χ^2/NDF: 3.2/6

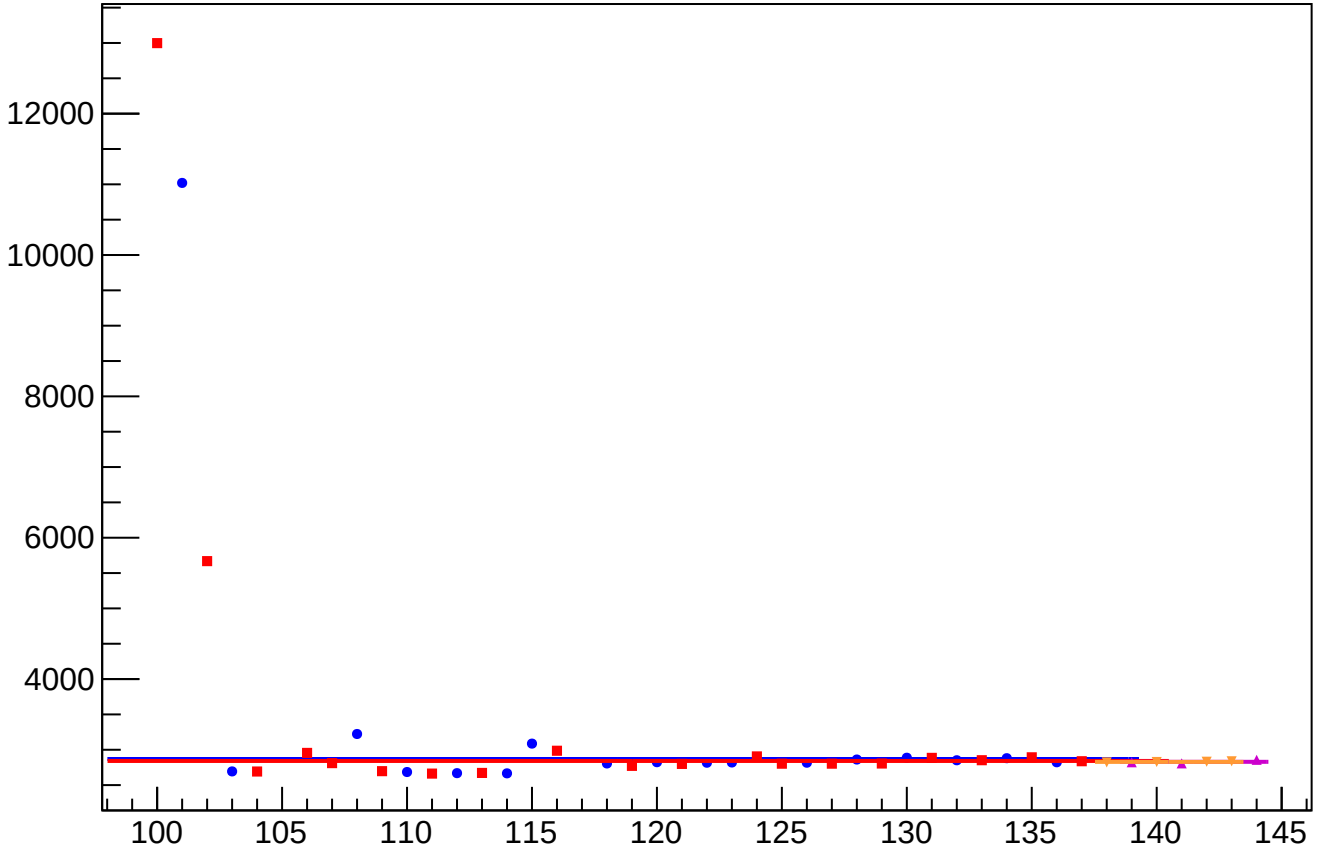
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 3022.340+/-958.373 χ^2/NDF:15.9/19

Out: 2686.523+/-922.369 χ^2/NDF:10.5/22

All: 2848.006+/-664.577 χ^2/NDF: 26.5/42

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2828.269+/-1.235 χ^2/NDF:22.3/3

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2829.266+/-1.267 χ^2/NDF:282.2/2

Left: 2828.755+/-0.884 χ^2/NDF: 304.7/6

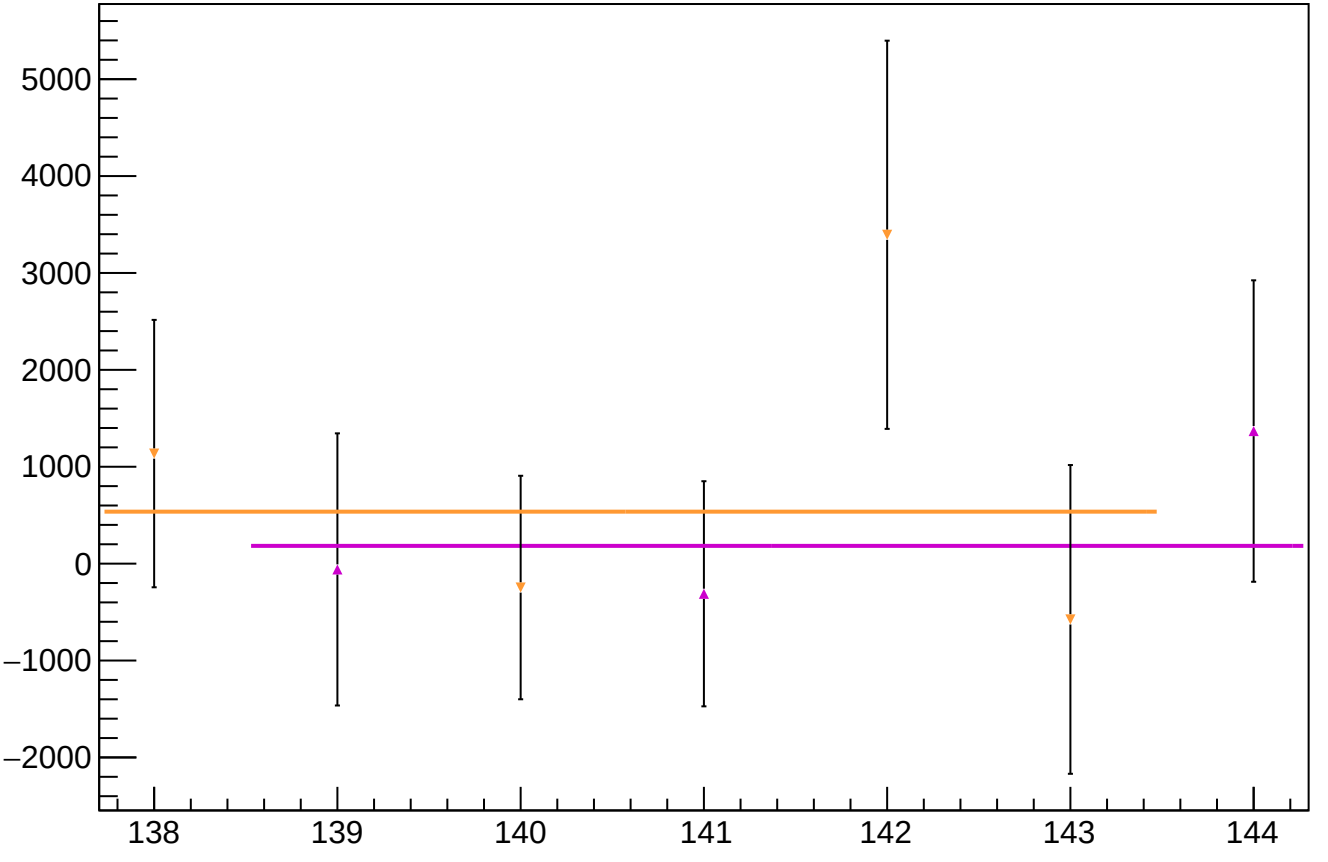
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2857.774+/-0.678 χ^2/NDF:670891.7/19

Out: 2837.854+/-0.652 χ^2/NDF:312628.7/22

All: 2847.433+/-0.470 χ^2/NDF: 983969.0/42

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 536.552+/-721.663 χ^2/NDF:3.2/3

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

Left In: 183.432+/-775.856 χ^2/NDF:0.8/2

Left: 372.754+/-528.414 χ^2/NDF: 4.1/6

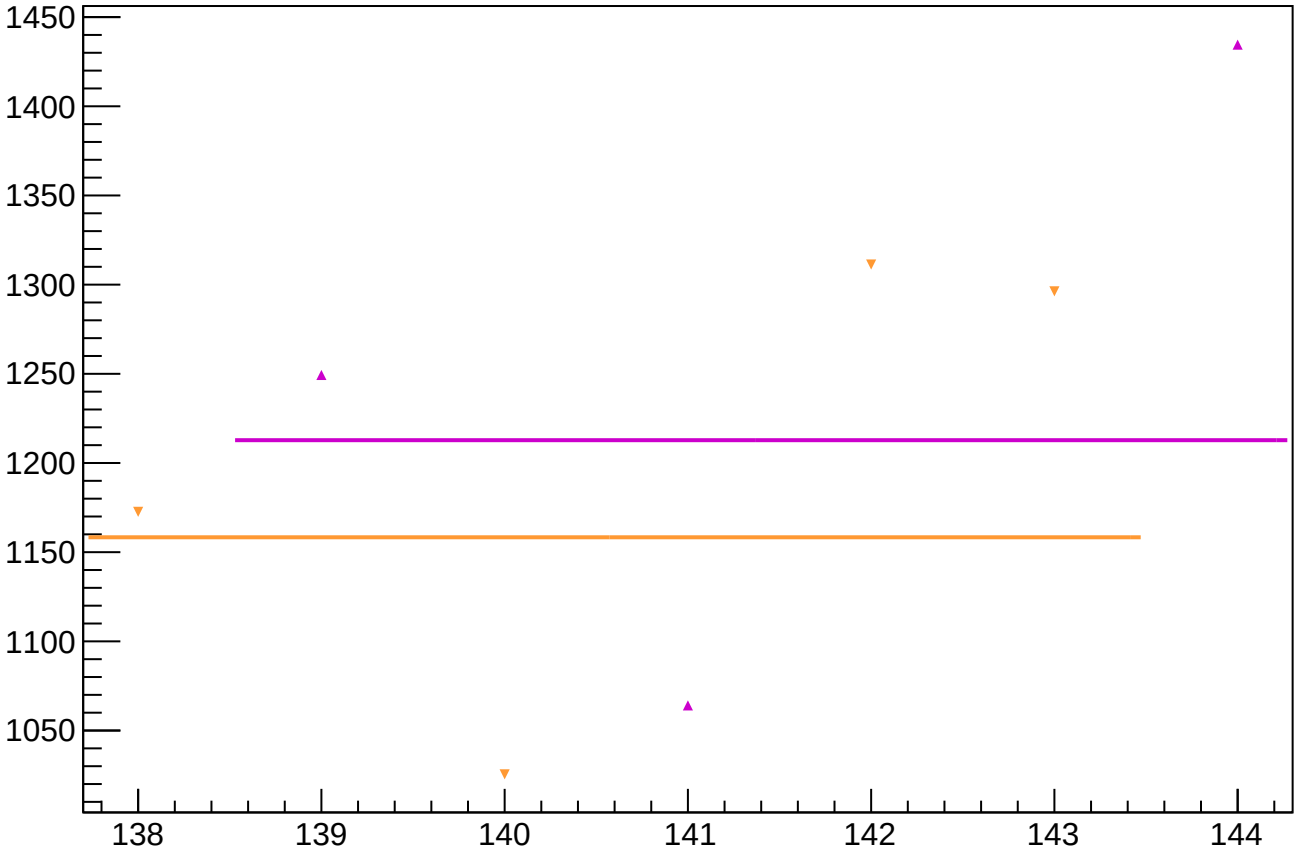
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 183.432+/-775.856 χ^2/NDF:0.8/2

Out: 536.552+/-721.663 χ^2/NDF:3.2/3

All: 372.754+/-528.414 χ^2/NDF: 4.1/6

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 1158.346+/-0.510 χ^2/NDF:53415.5/3

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

Left In: 1212.789+/-0.549 χ^2/NDF:74773.6/2

Left: 1183.600+/-0.374 χ^2/NDF: 133469.2/6

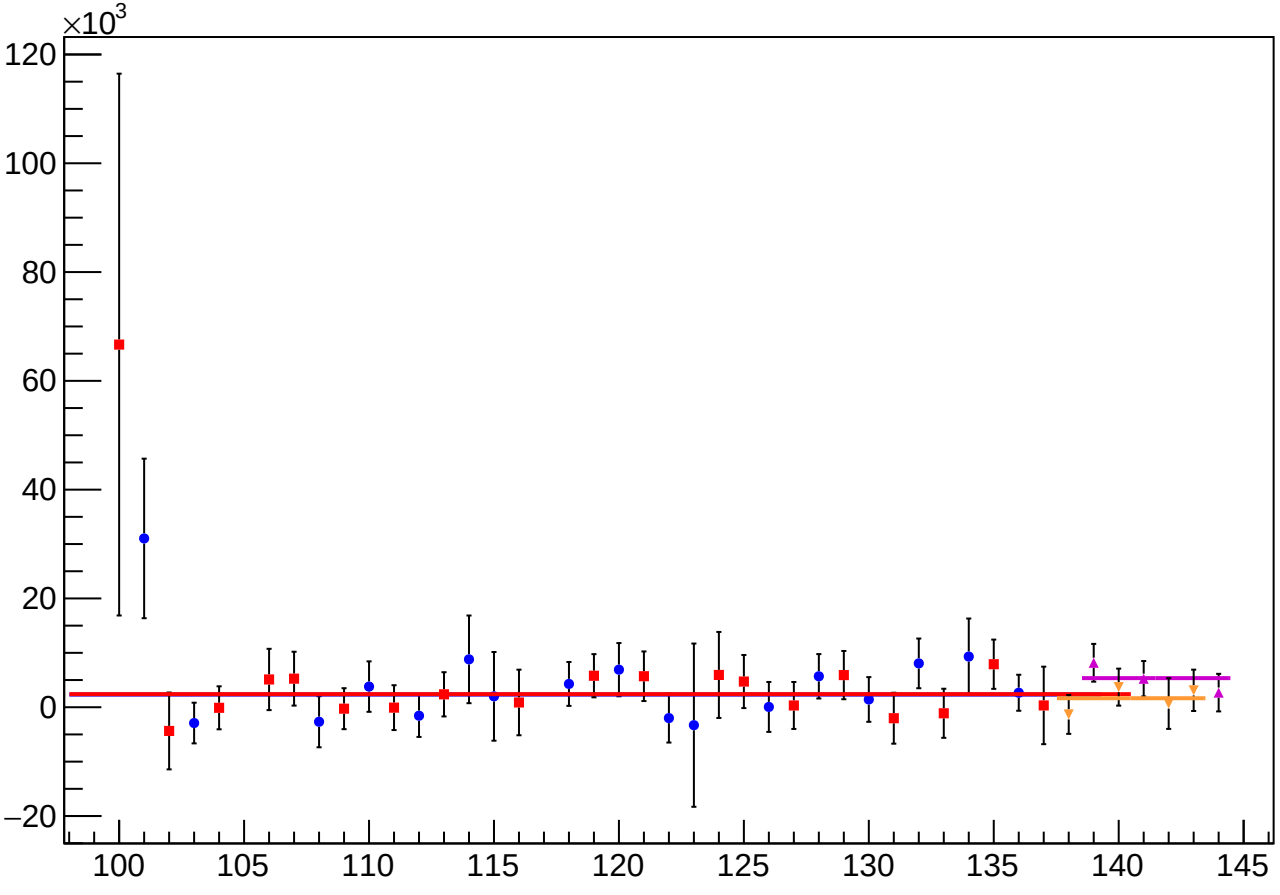
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1212.789+/-0.549 χ^2/NDF:74773.6/2

Out: 1158.346+/-0.510 χ^2/NDF:53415.5/3

All: 1183.600+/-0.374 χ^2/NDF: 133469.2/6

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 1655.690+/-1890.901 χ^2/NDF:1.2/3

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 5350.524+/-1956.991 χ^2/NDF:1.3/2

Left: 3439.664+/-1359.833 χ^2/NDF: 4.3/6

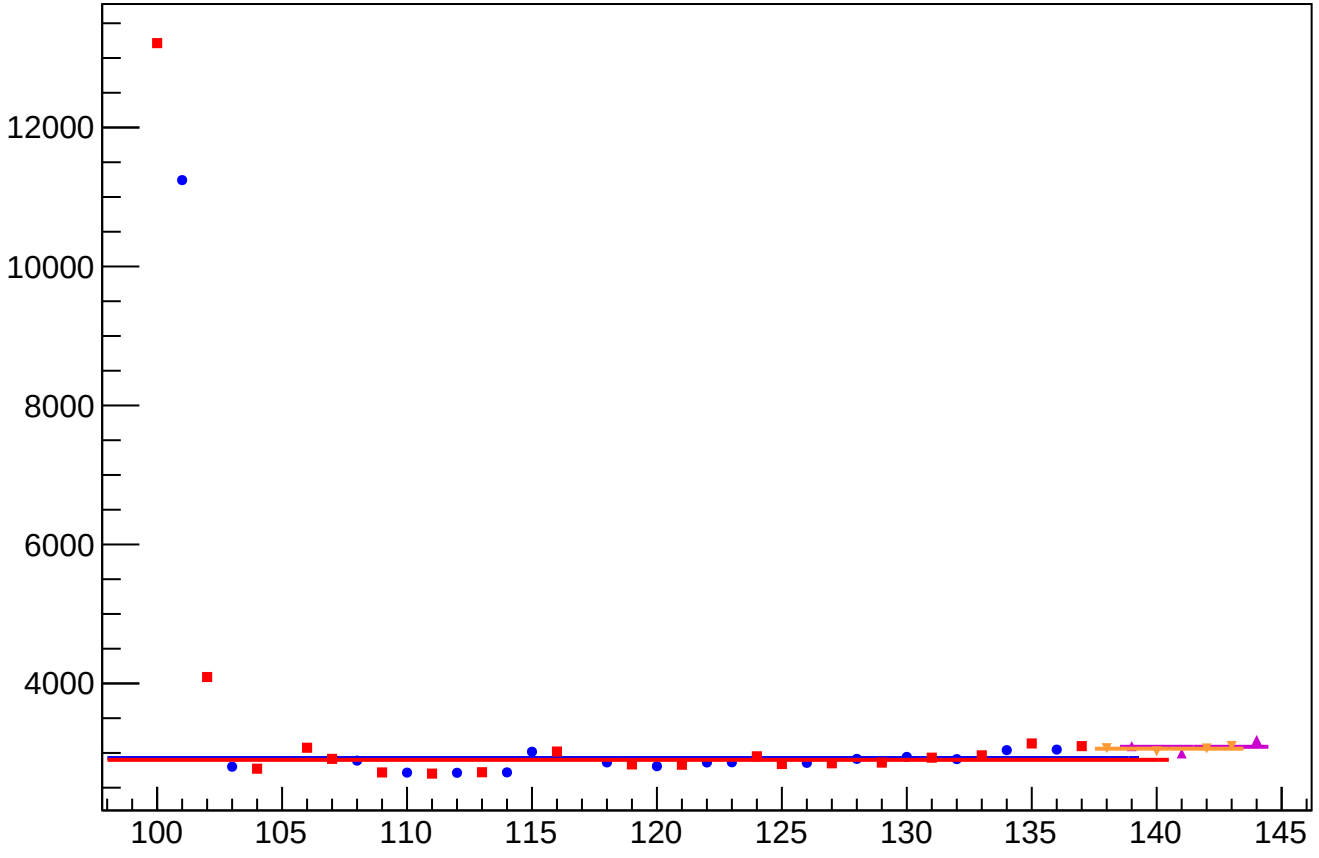
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 3111.978+/-995.675 χ^2/NDF:17.4/19

Out: 2212.012+/-957.314 χ^2/NDF:11.4/22

All: 2644.325+/-690.086 χ^2/NDF: 29.3/42

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 3061.396+/-1.337 χ^2/NDF:481.7/3

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 3088.428+/-1.384 χ^2/NDF:3323.2/2

Left: 3074.448+/-0.962 χ^2/NDF: 4002.2/6

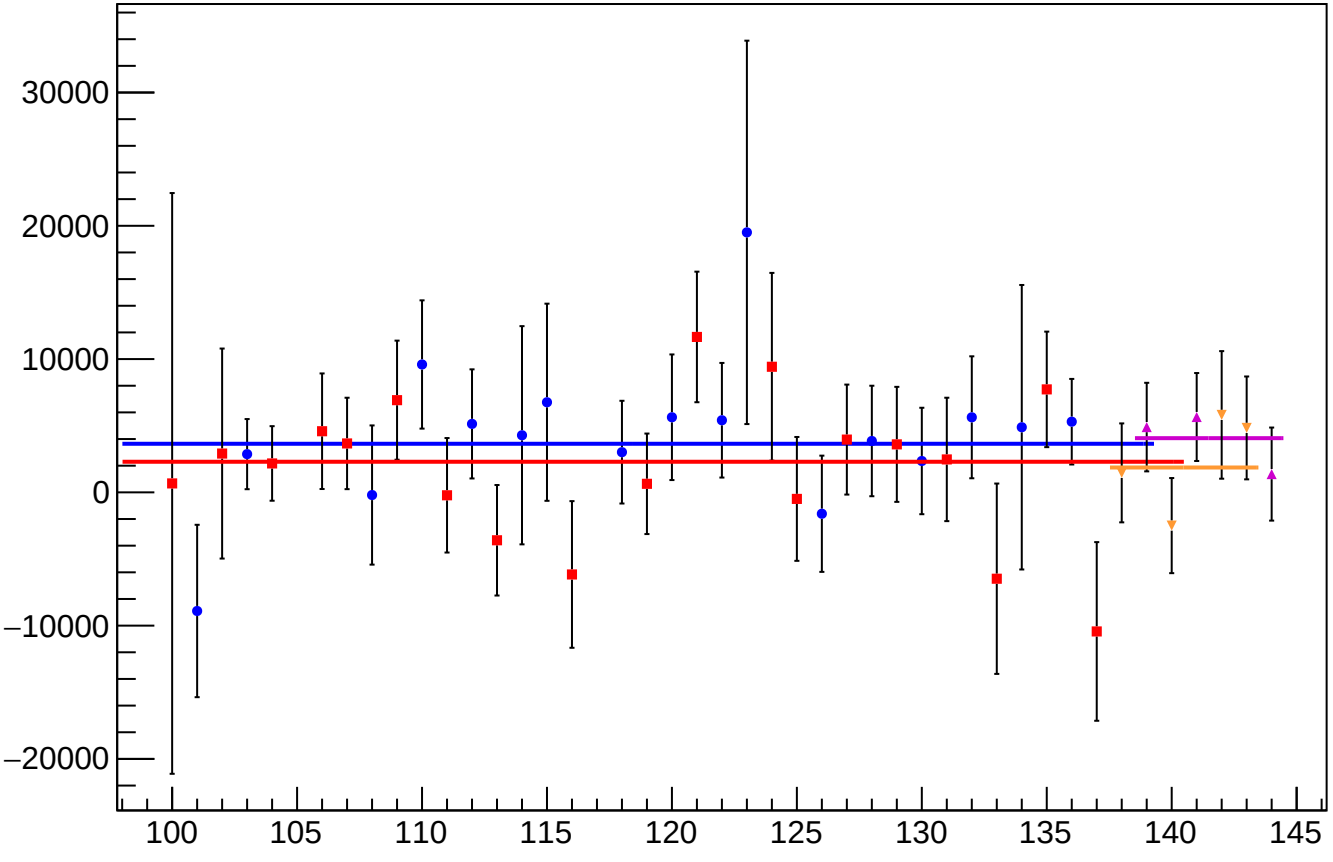
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2968.498+/-0.704 χ^2/NDF:676252.1/19

Out: 2941.983+/-0.677 χ^2/NDF:181073.6/22

All: 2954.720+/-0.488 χ^2/NDF: 858062.7/42

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 1864.614+/-1953.967 χ^2/NDF:2.8/3

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 4065.858+/-1944.561 χ^2/NDF:0.9/2

Left: 2970.547+/-1378.325 χ^2/NDF: 4.3/6

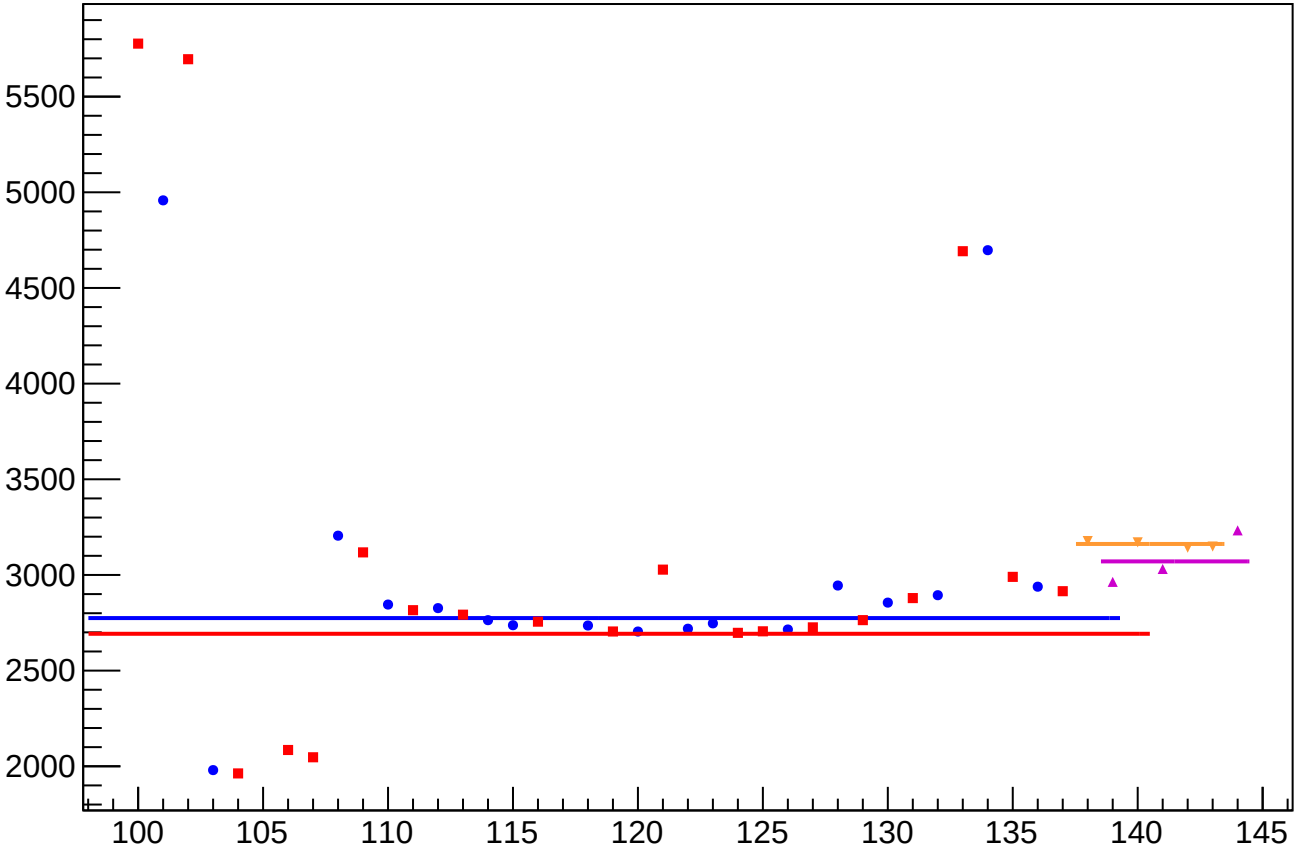
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3746.032+/-951.799 χ^2/NDF:10.8/19

Out: 2199.670+/-922.771 χ^2/NDF:21.2/22

All: 2948.911+/-662.522 χ^2/NDF: 33.4/42

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 3161.980+/-1.382 χ^2/NDF:103.2/3

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 3070.810+/-1.375 χ^2/NDF:6676.6/2

Left: 3116.175+/-0.975 χ^2/NDF: 8967.4/6

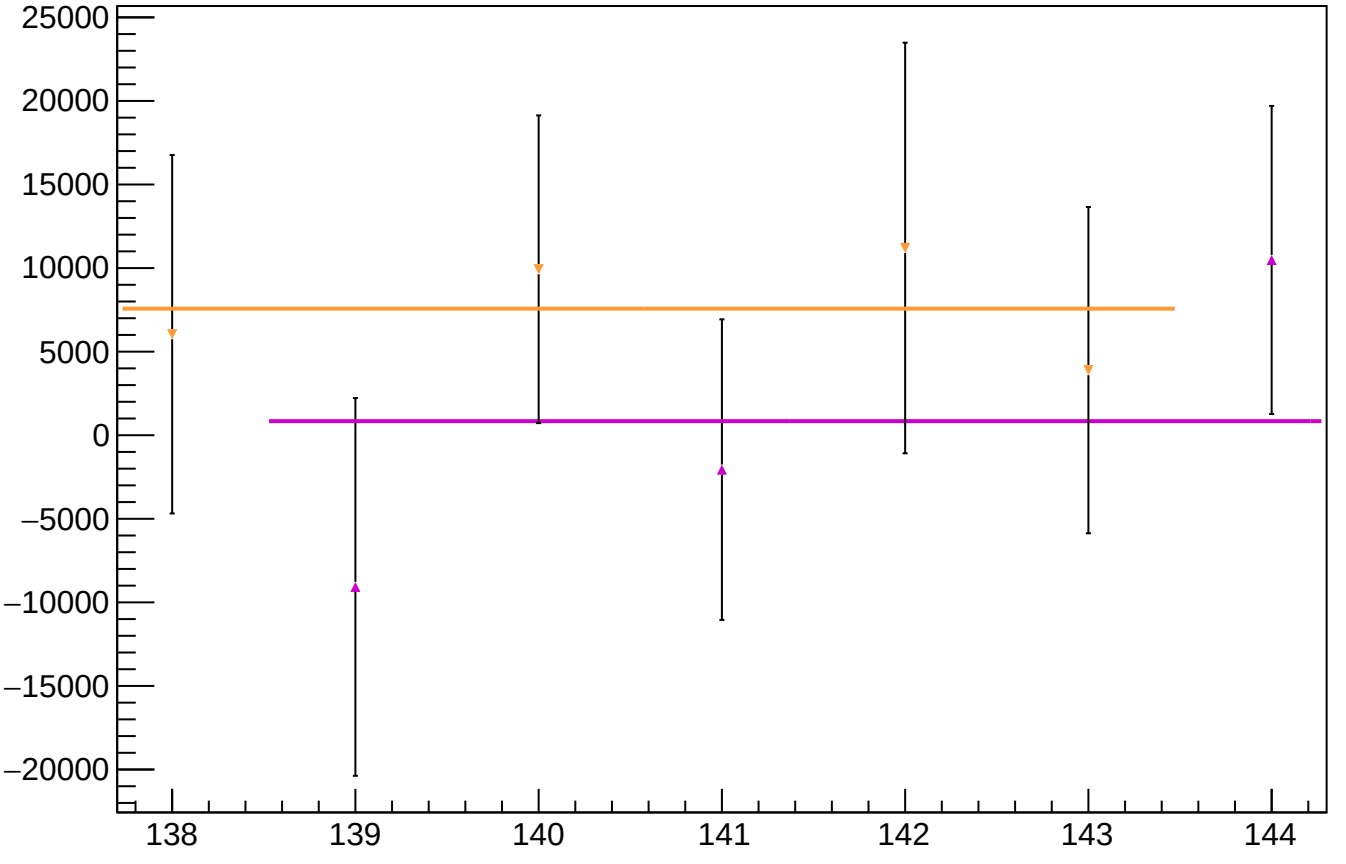
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2845.579+/-0.673 χ^2/NDF:543641.9/19

Out: 2797.160+/-0.652 χ^2/NDF:870088.9/22

All: 2820.614+/-0.468 χ^2/NDF: 1416399.5/42

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 7571.371+/-5155.634 χ^2/NDF:0.3/3

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

Left In: 842.450+/-5592.160 χ^2/NDF:2.0/2

Left: 4479.758+/-3790.526 χ^2/NDF: 3.1/6

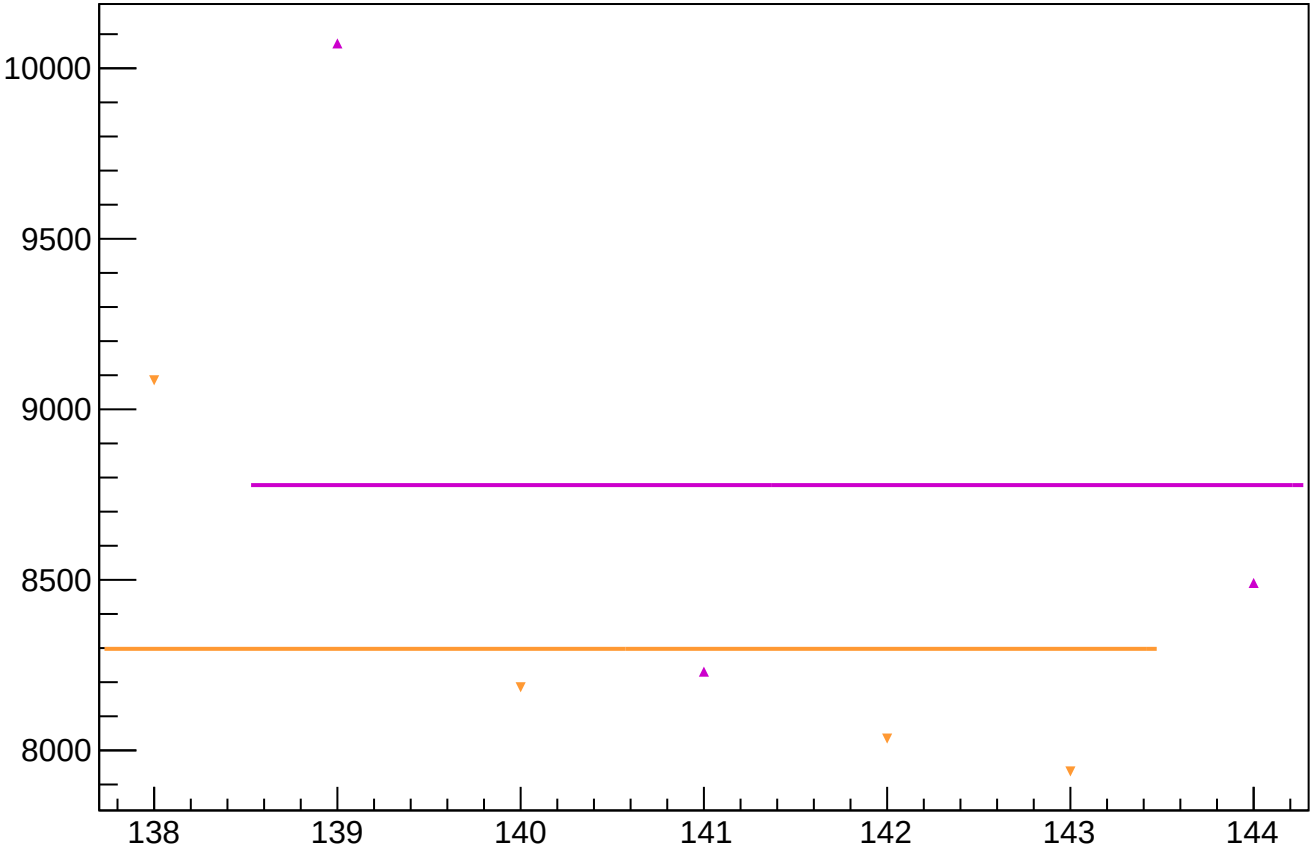
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 842.450+/-5592.160 χ^2/NDF:2.0/2

Out: 7571.371+/-5155.634 χ^2/NDF:0.3/3

All: 4479.758+/-3790.526 χ^2/NDF: 3.1/6

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8297.776+/-3.646 χ^2/NDF:14713.8/3

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

Left In: 8777.863+/-3.954 χ^2/NDF:35612.0/2

Left: 8518.353+/-2.680 χ^2/NDF: 58293.8/6

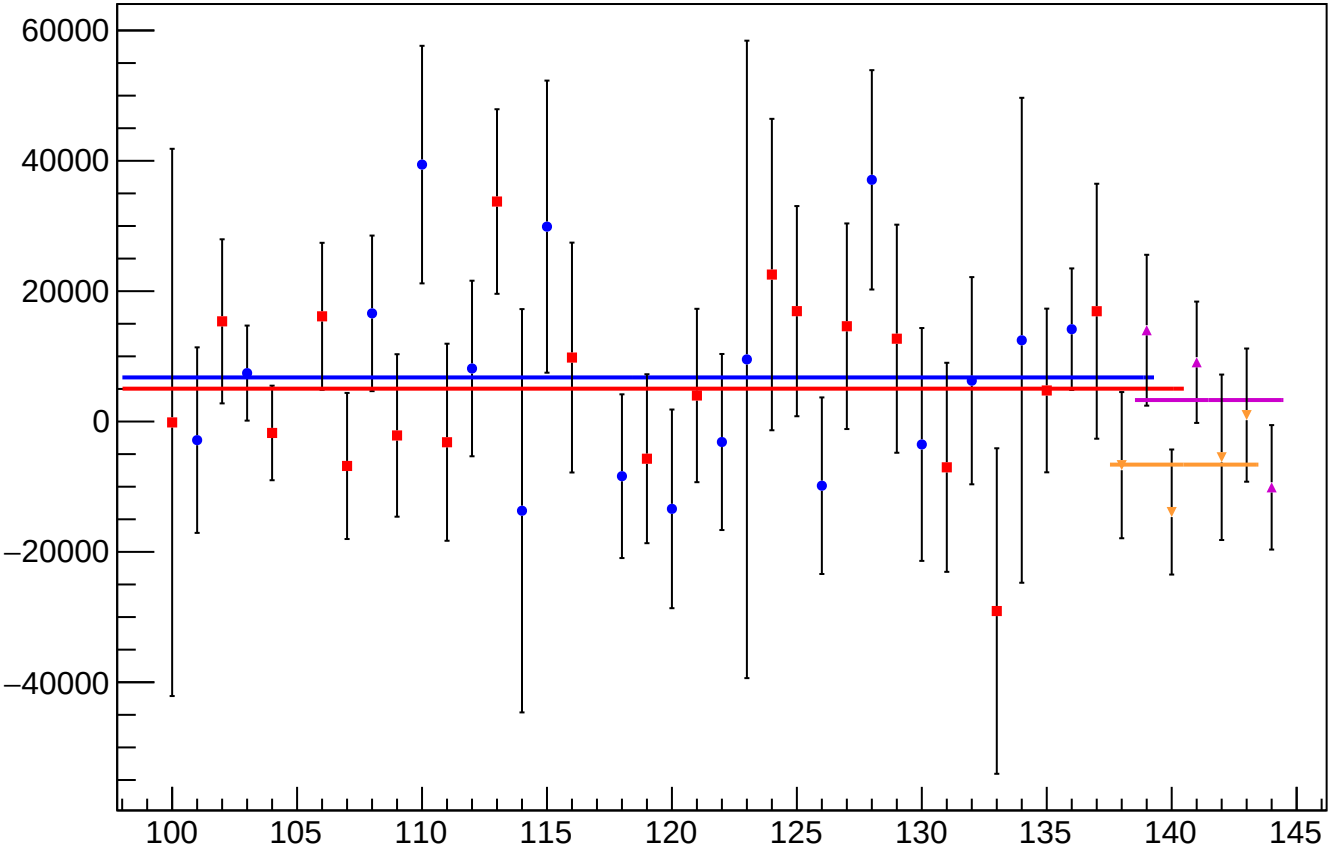
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8777.863+/-3.954 χ^2/NDF:35612.0/2

Out: 8297.776+/-3.646 χ^2/NDF:14713.8/3

All: 8518.353+/-2.680 χ^2/NDF: 58293.8/6

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -6610.071+/-5375.835 χ^2/NDF:1.1/3

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 3296.327+/-5775.887 χ^2/NDF:3.2/2

Left: -2011.793+/-3935.124 χ^2/NDF: 5.9/6

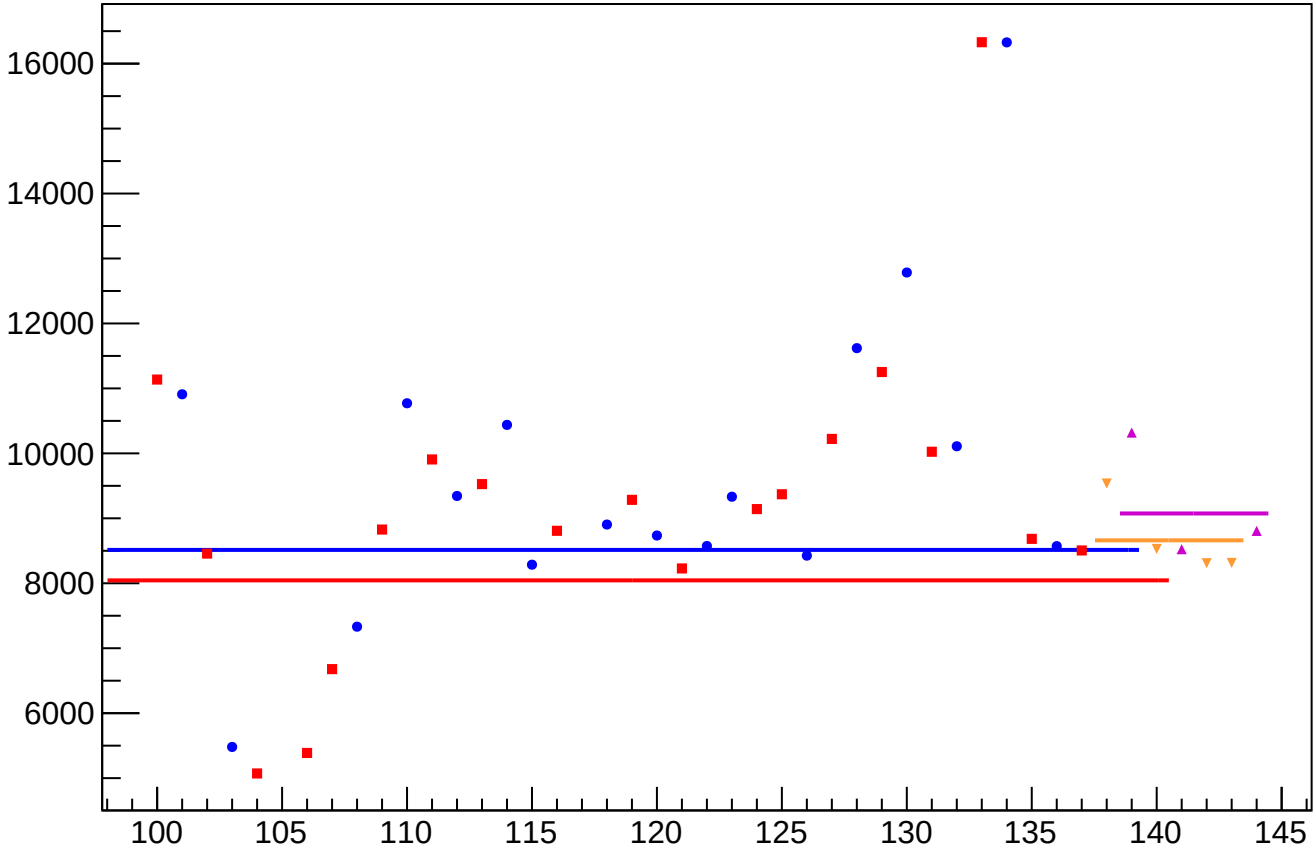
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 5879.169+/-2921.797 χ^2/NDF:18.8/19

Out: 2038.649+/-2729.087 χ^2/NDF:18.2/22

All: 3828.089+/-1994.406 χ^2/NDF: 38.0/42

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 8660.958+/-3.801 χ^2/NDF:16395.7/3

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 9074.726+/-4.084 χ^2/NDF:31724.3/2

Left: 8853.018+/-2.783 χ^2/NDF: 53619.6/6

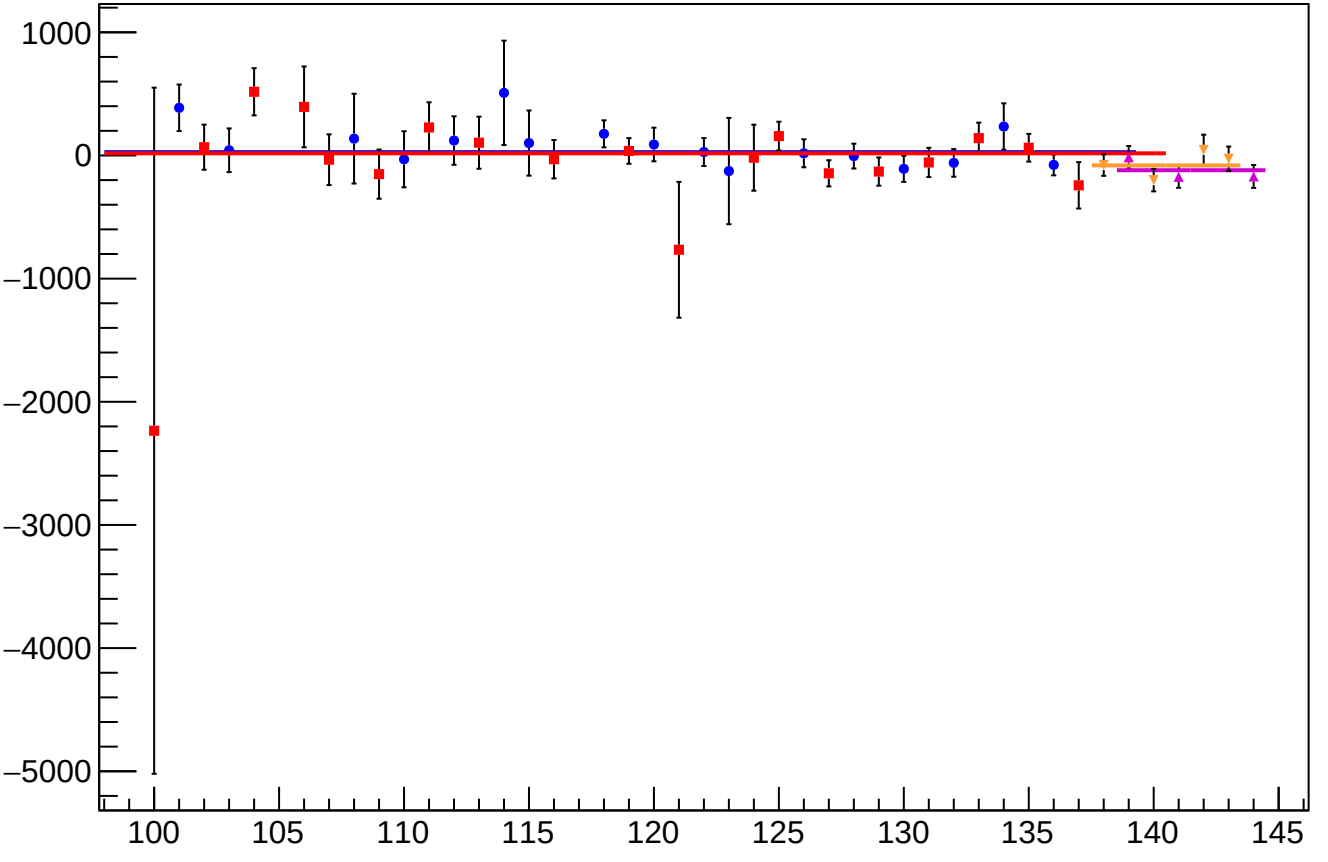
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 8657.238+/-2.066 χ^2/NDF:808381.3/19

Out: 8203.540+/-1.930 χ^2/NDF:988213.0/22

All: 8414.929+/-1.410 χ^2/NDF: 1822349.7/42

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -80.730+/-48.880 χ^2/NDF:3.0/3

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -119.775+/-52.653 χ^2/NDF:2.0/2

Left: -98.804+/-35.823 χ^2/NDF: 5.3/6

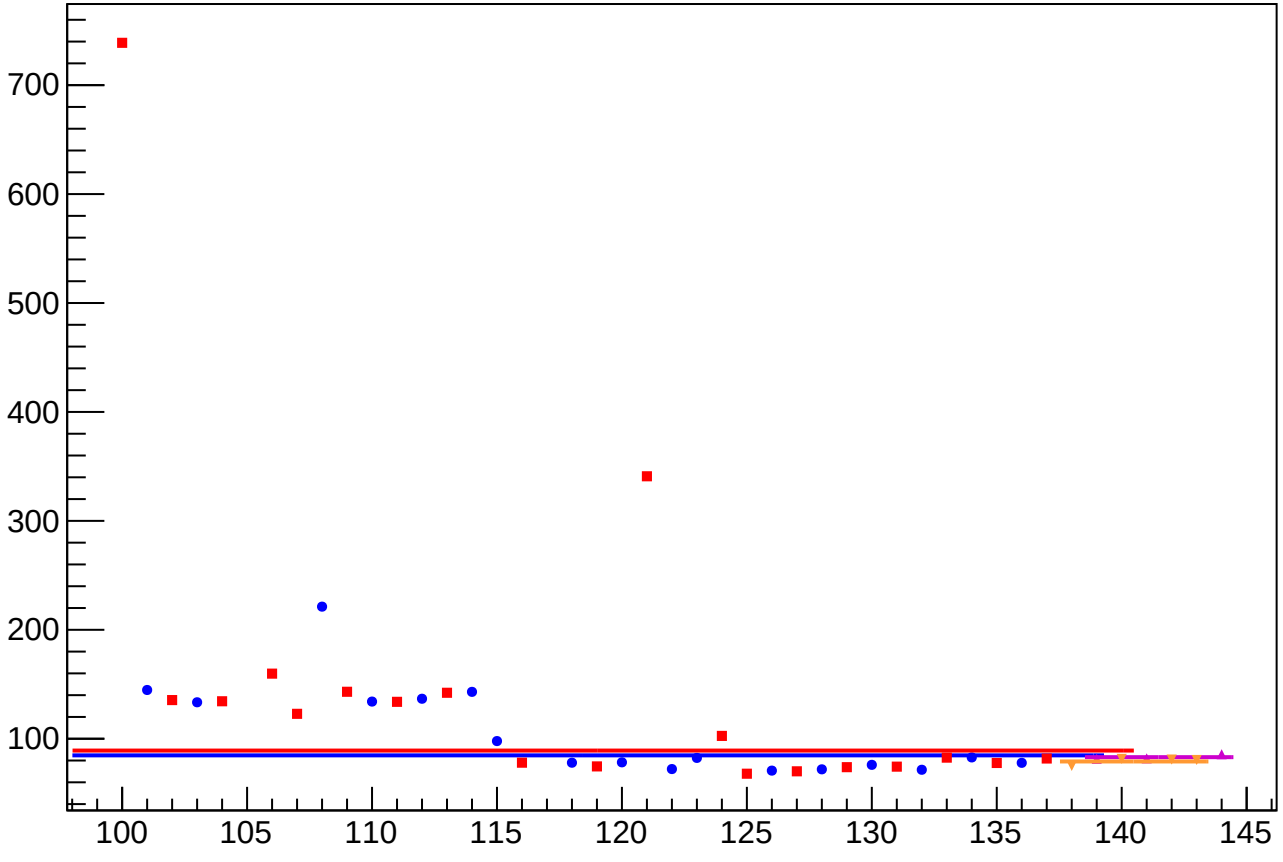
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -16.291+/-28.580 χ^2/NDF:20.1/19

Out: -16.567+/-28.749 χ^2/NDF:27.5/22

All: -16.428+/-20.268 χ^2/NDF: 47.6/42

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 79.134+/-0.035 χ^2/NDF:6547.7/3

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.082+/-0.037 χ^2/NDF:2511.2/2

Left: 80.961+/-0.025 χ^2/NDF: 15097.5/6

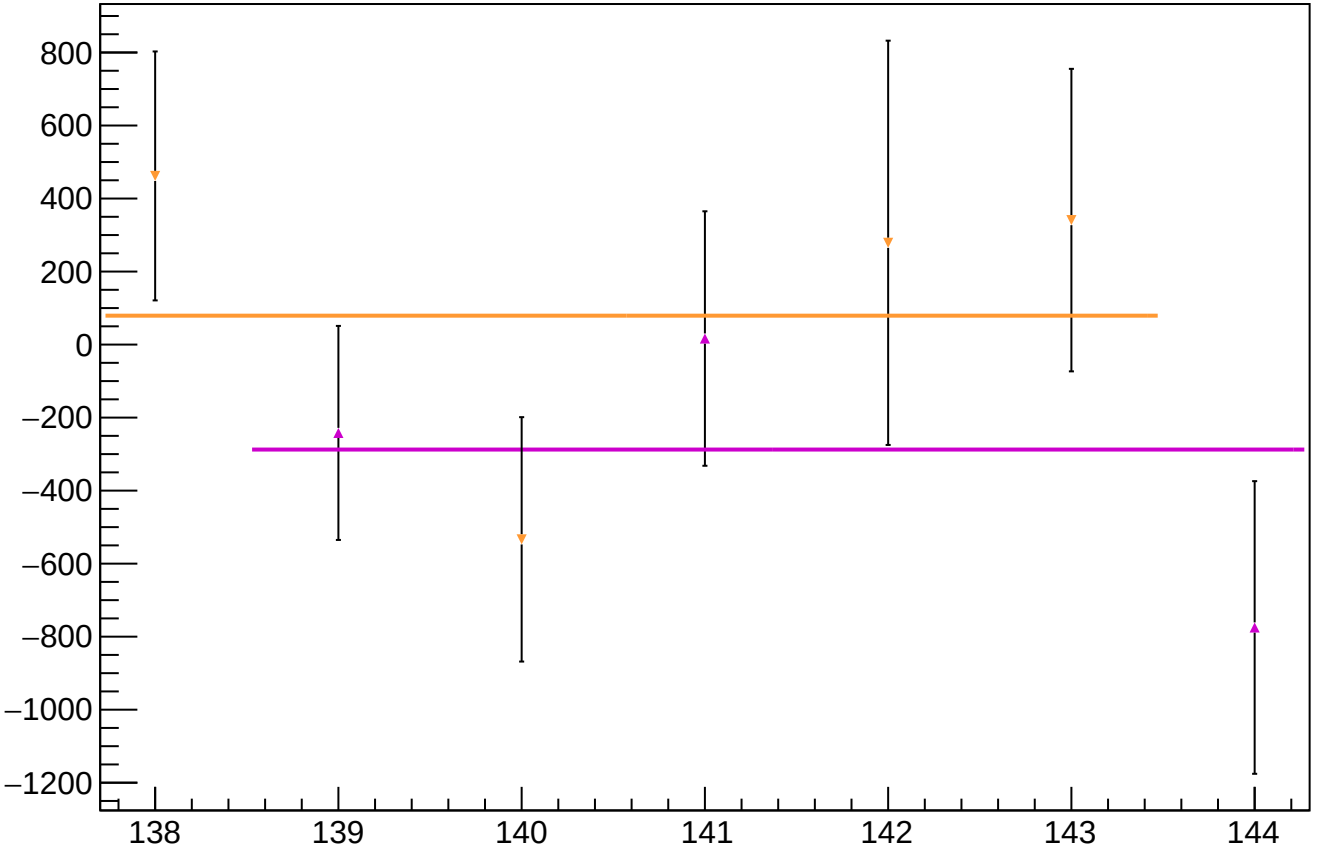
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 84.249+/-0.020 χ^2/NDF:1068325.7/19

Out: 85.681+/-0.020 χ^2/NDF:1620668.6/22

All: 84.961+/-0.014 χ^2/NDF: 2691487.6/42

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 79.187+/-193.827 χ^2/NDF:5.1/3

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

Left In: -287.525+/-195.750 χ^2/NDF:2.3/2

Left: -102.359+/-137.731 χ^2/NDF: 9.2/6

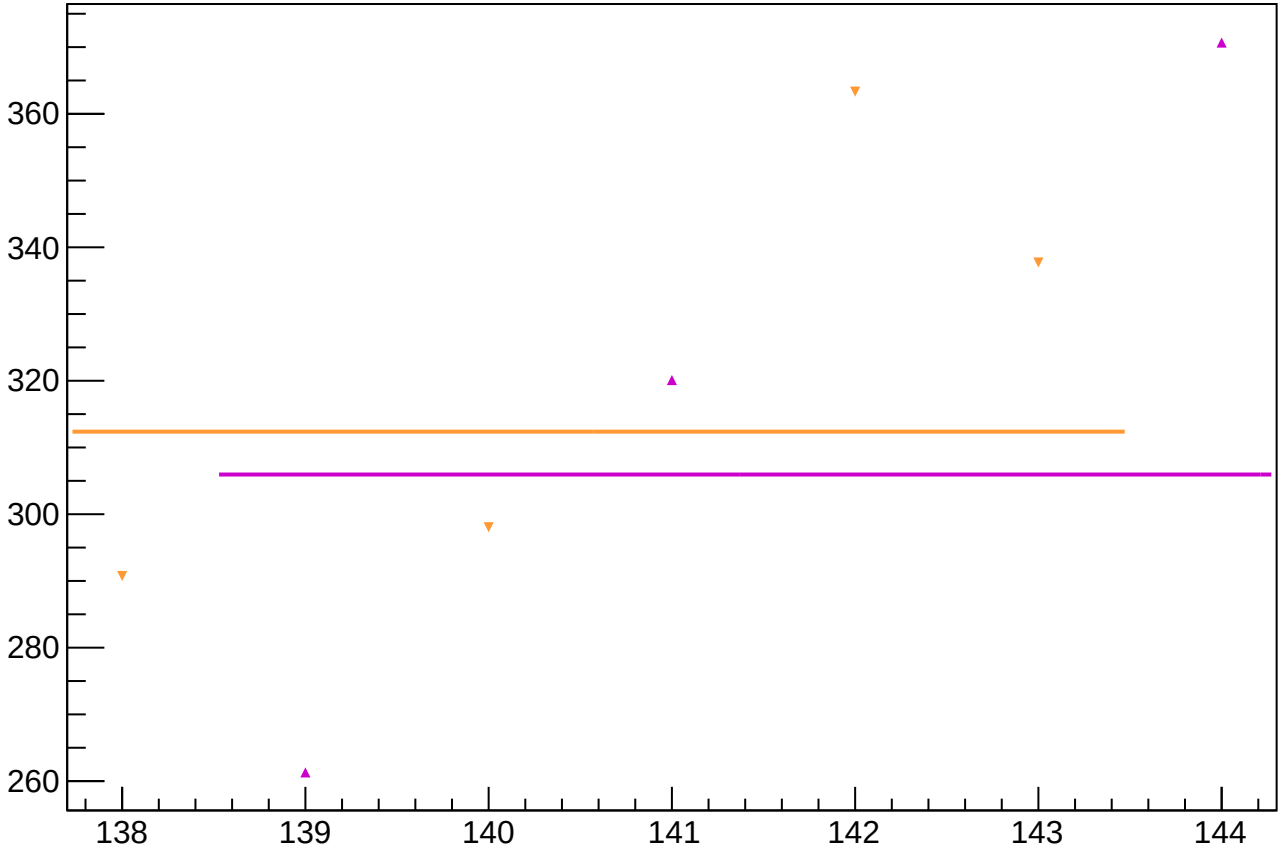
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -287.525+/-195.750 χ^2/NDF:2.3/2

Out: 79.187+/-193.827 χ^2/NDF:5.1/3

All: -102.359+/-137.731 χ^2/NDF: 9.2/6

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 312.371+/-0.137 χ^2/NDF:36149.6/3

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

Left In: 305.948+/-0.138 χ^2/NDF:101873.7/2

Left: 309.191+/-0.097 χ^2/NDF: 139110.5/6

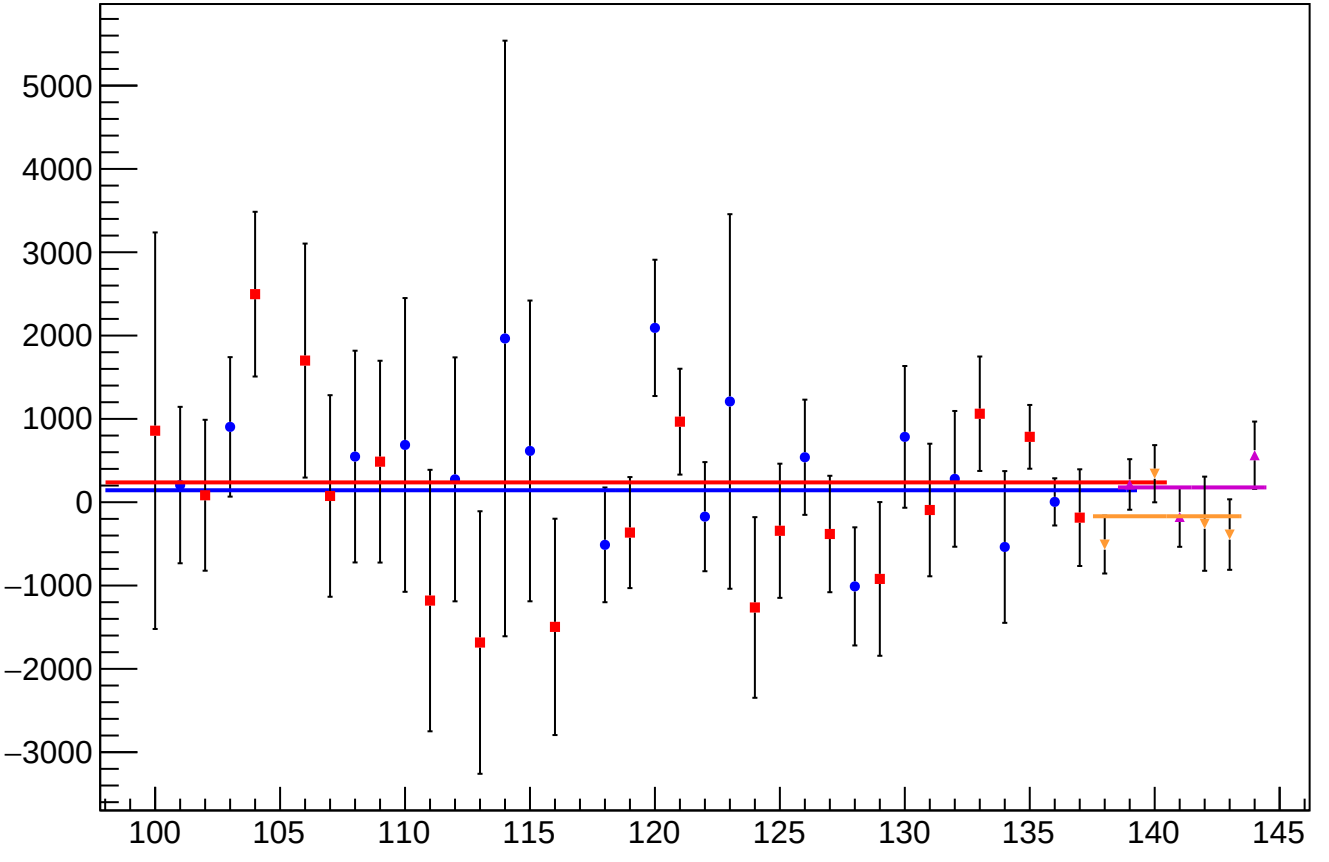
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 305.948+/-0.138 χ^2/NDF:101873.7/2

Out: 312.371+/-0.137 χ^2/NDF:36149.6/3

All: 309.191+/-0.097 χ^2/NDF: 139110.5/6

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -168.567+/-197.991 χ^2/NDF:3.5/3

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: 177.581+/-200.957 χ^2/NDF:1.9/2

Left: 1.933+/-141.038 χ^2/NDF: 6.9/6

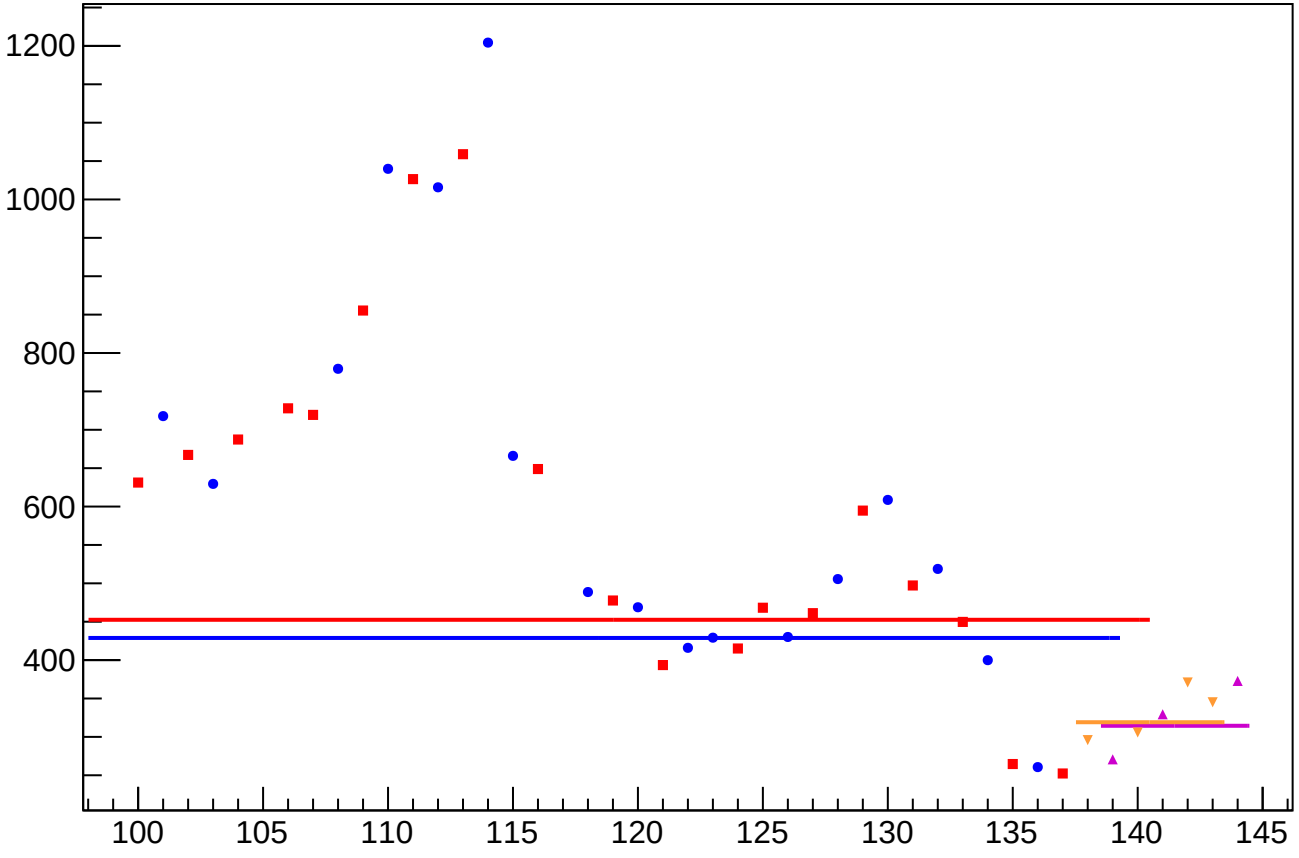
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: 158.592+/-133.762 χ^2/NDF:14.7/19

Out: 49.497+/-134.781 χ^2/NDF:27.4/22

All: 104.458+/-94.942 χ^2/NDF: 42.4/42

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 319.089+/-0.140 χ^2/NDF:36385.3/3

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 314.459+/-0.142 χ^2/NDF:86803.7/2

Left: 316.808+/-0.100 χ^2/NDF: 123727.7/6

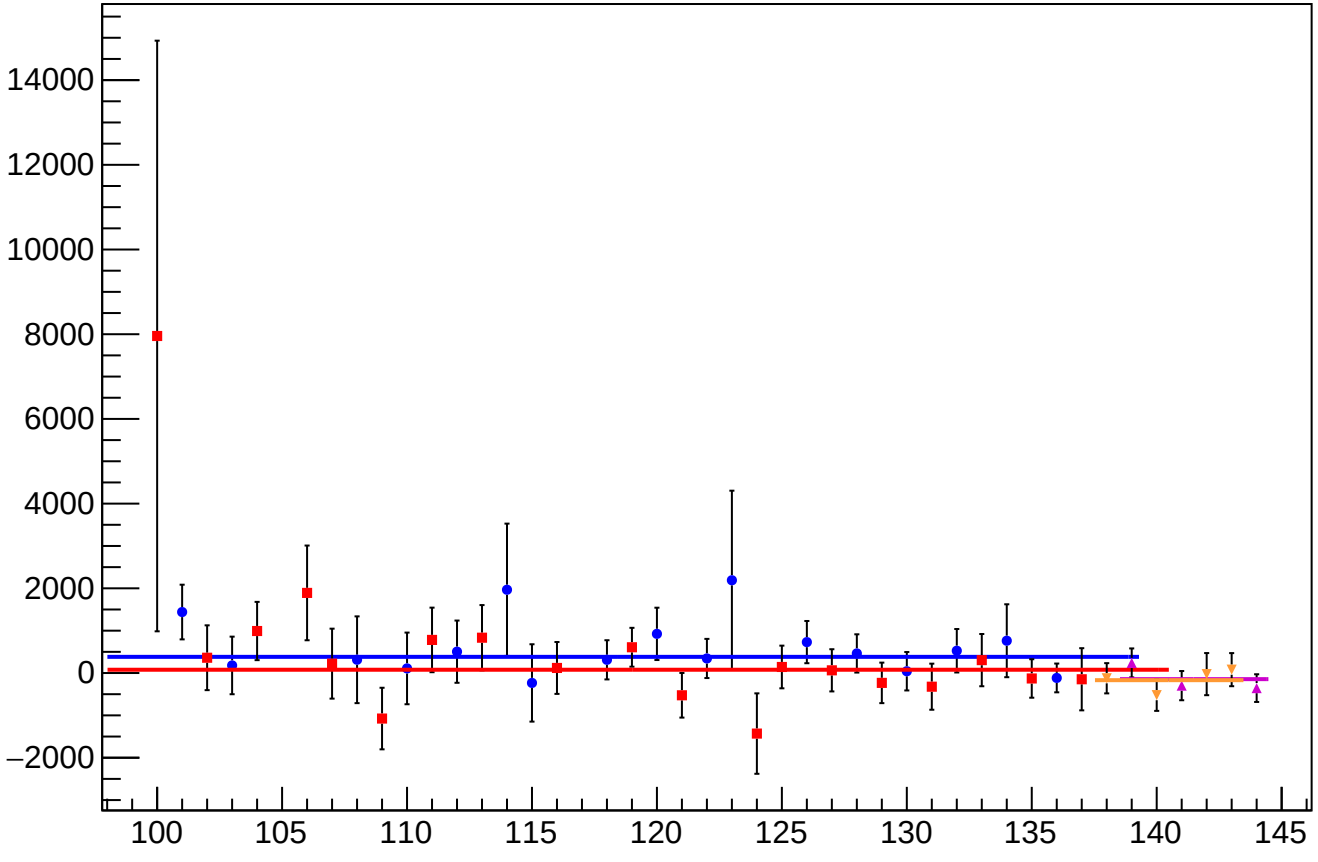
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 378.172+/-0.095 χ^2/NDF:2460095.9/19

Out: 390.685+/-0.095 χ^2/NDF:2563018.2/22

All: 384.381+/-0.067 χ^2/NDF: 5031799.6/42

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -168.941+/-197.359 χ^2/NDF:1.4/3

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -144.401+/-194.991 χ^2/NDF:1.9/2

Left: -156.523+/-138.709 χ^2/NDF: 3.3/6

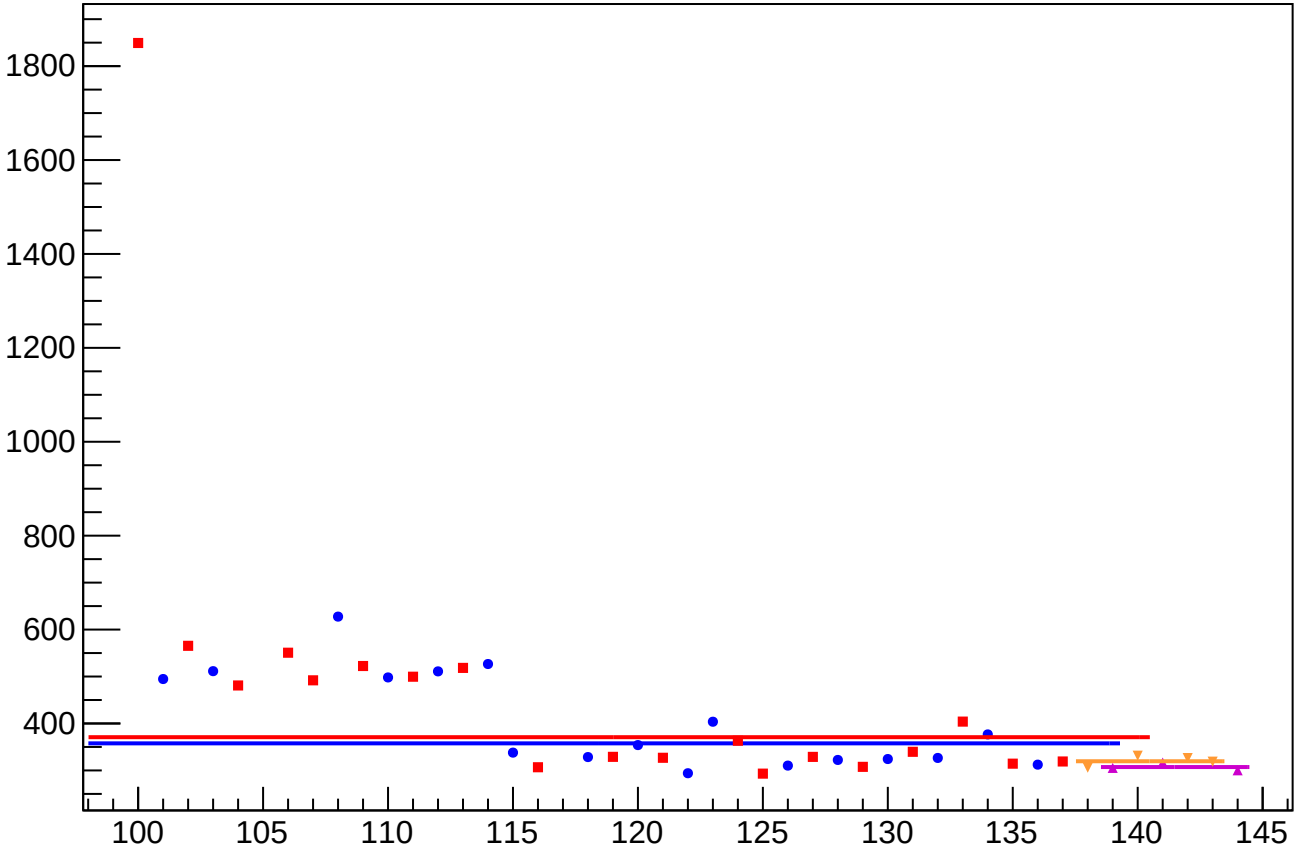
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: 200.864+/-114.360 χ^2/NDF:16.1/19

Out: -7.711+/-116.046 χ^2/NDF:19.2/22

All: 98.103+/-81.454 χ^2/NDF: 36.9/42

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 319.538+/-0.140 χ^2/NDF:5348.5/3

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 307.208+/-0.138 χ^2/NDF:2465.9/2

Left: 313.299+/-0.098 χ^2/NDF: 11764.6/6

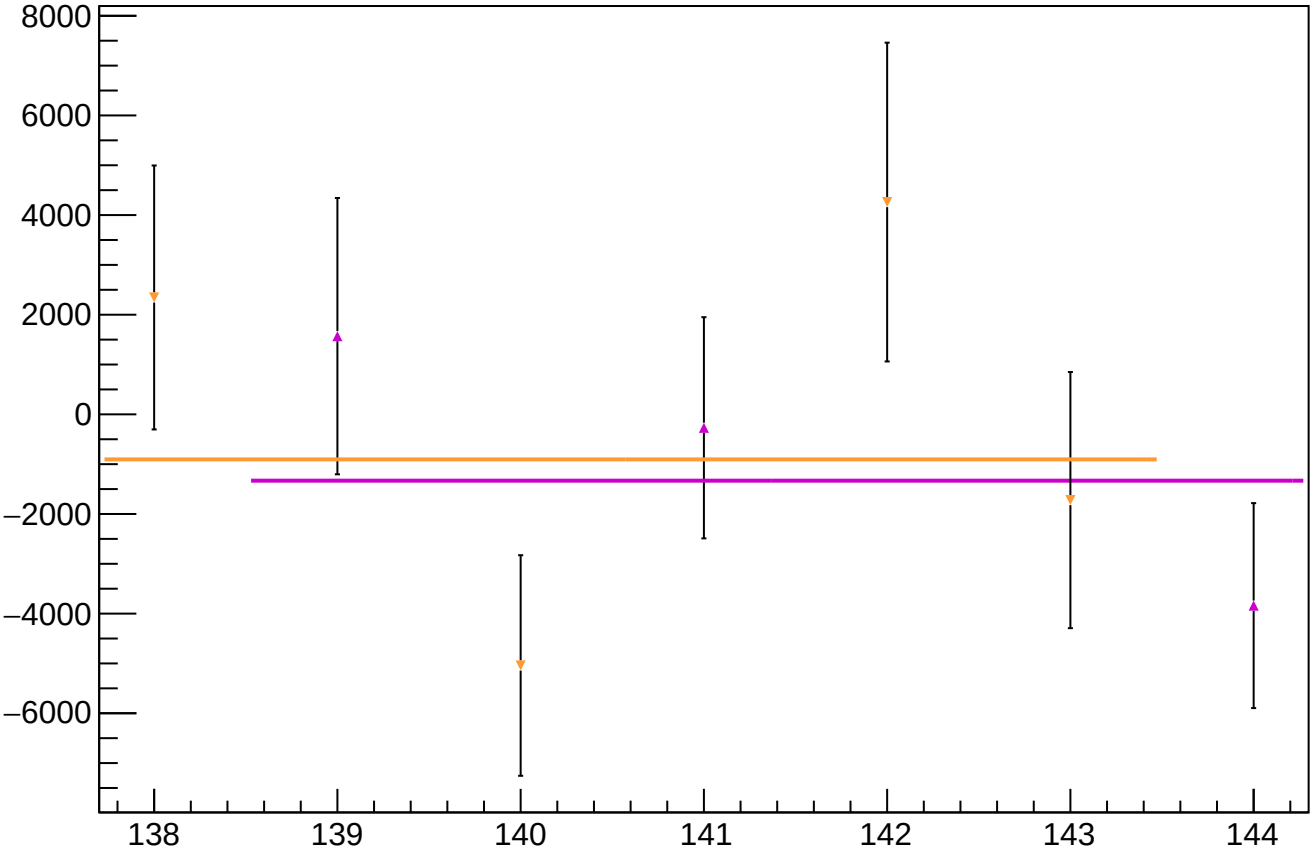
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 340.309+/-0.081 χ^2/NDF:719989.4/19

Out: 353.073+/-0.082 χ^2/NDF:878391.4/22

All: 346.597+/-0.058 χ^2/NDF: 1610655.3/42

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -904.420+/-1295.832 χ^2/NDF:7.7/3

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

Left In: -1331.284+/-1325.433 χ^2/NDF:2.8/2

Left: -1113.032+/-926.580 χ^2/NDF: 10.6/6

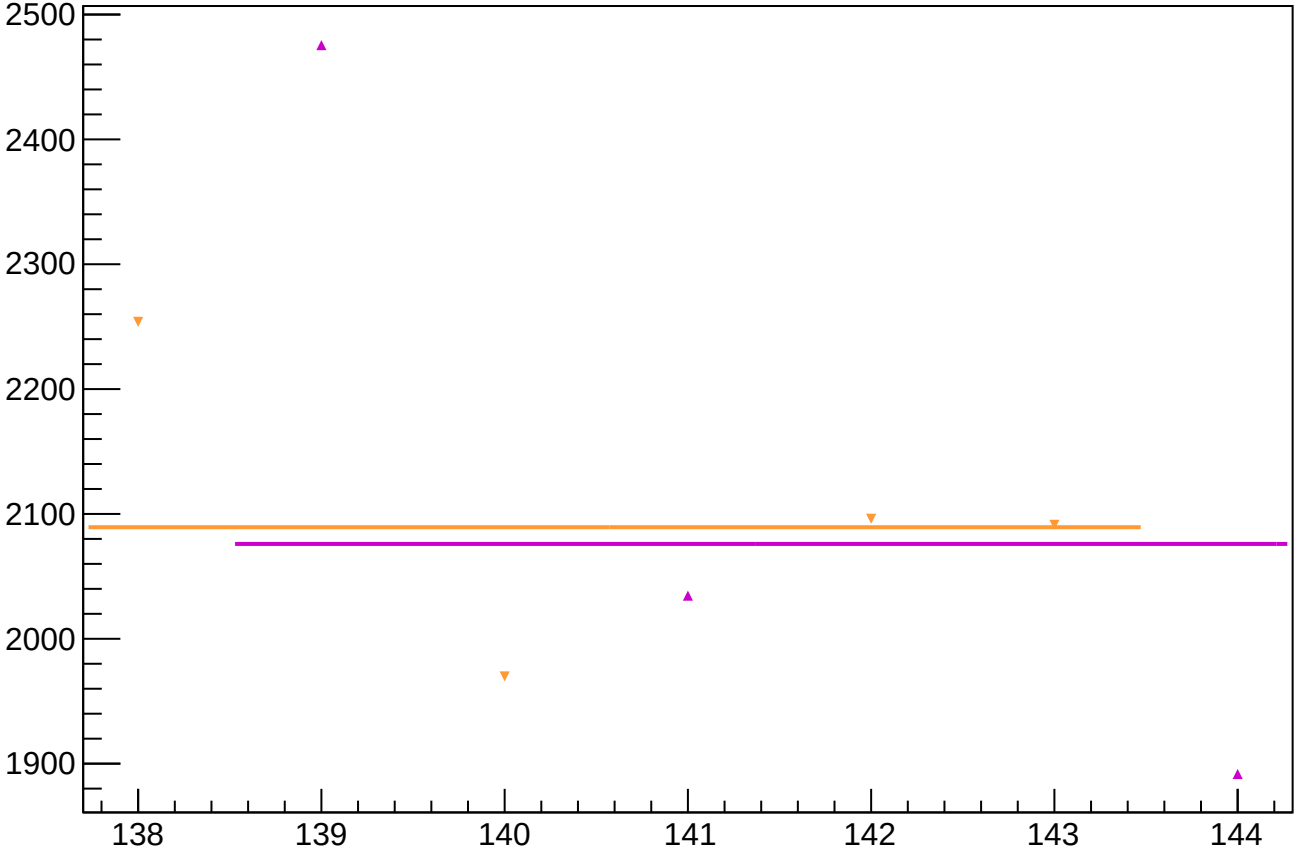
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1331.284+/-1325.433 χ^2/NDF:2.8/2

Out: -904.420+/-1295.832 χ^2/NDF:7.7/3

All: -1113.032+/-926.580 χ^2/NDF: 10.6/6

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2089.376+/-0.916 χ^2/NDF:13546.9/3

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

Left In: 2075.984+/-0.937 χ^2/NDF:58249.2/2

Left: 2082.831+/-0.655 χ^2/NDF: 71900.5/6

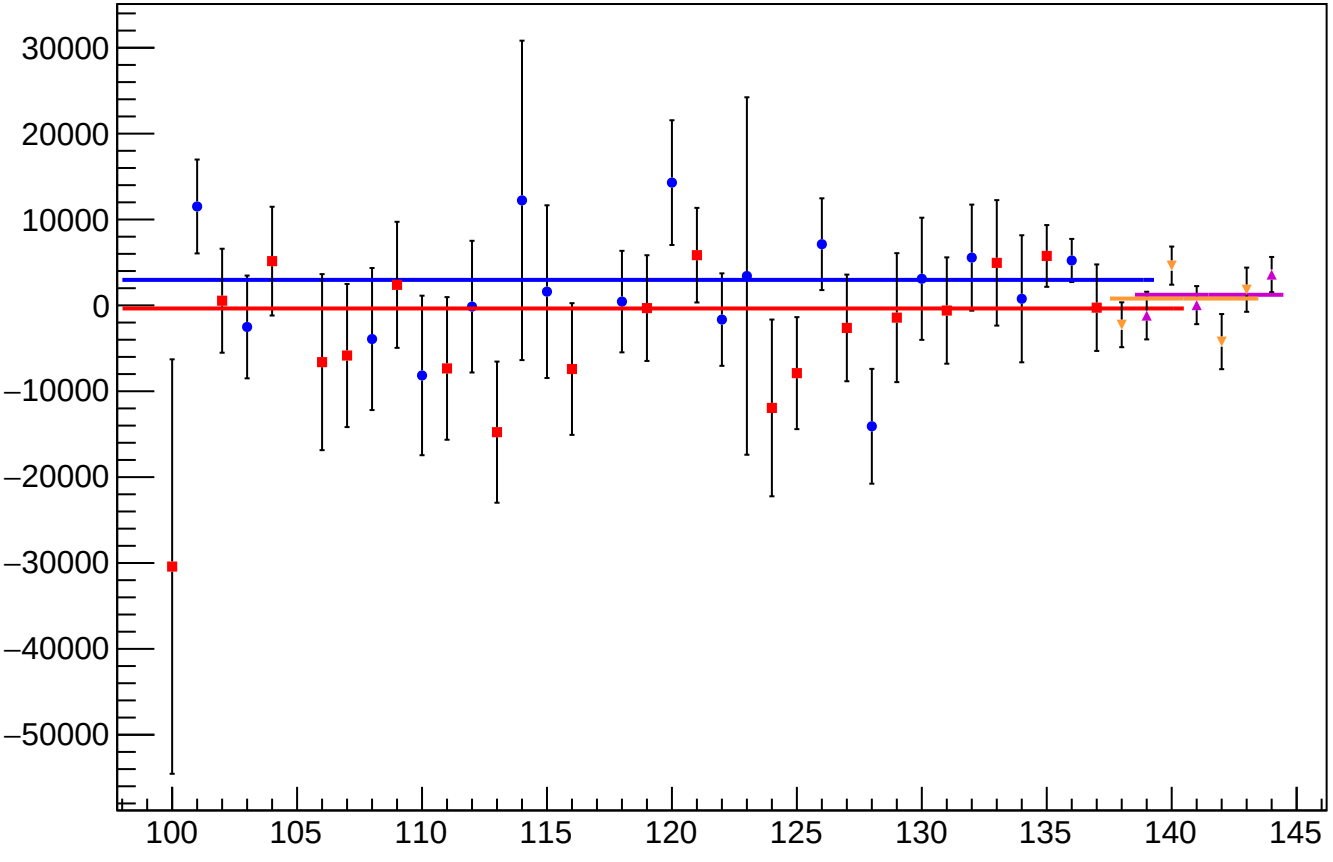
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2075.984+/-0.937 χ^2/NDF:58249.2/2

Out: 2089.376+/-0.916 χ^2/NDF:13546.9/3

All: 2082.831+/-0.655 χ^2/NDF: 71900.5/6

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 793.890+/-1293.921 χ^2/NDF:6.9/3

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 1233.454+/-1322.729 χ^2/NDF:2.4/2

Left: 1008.833+/-924.957 χ^2/NDF: 9.4/6

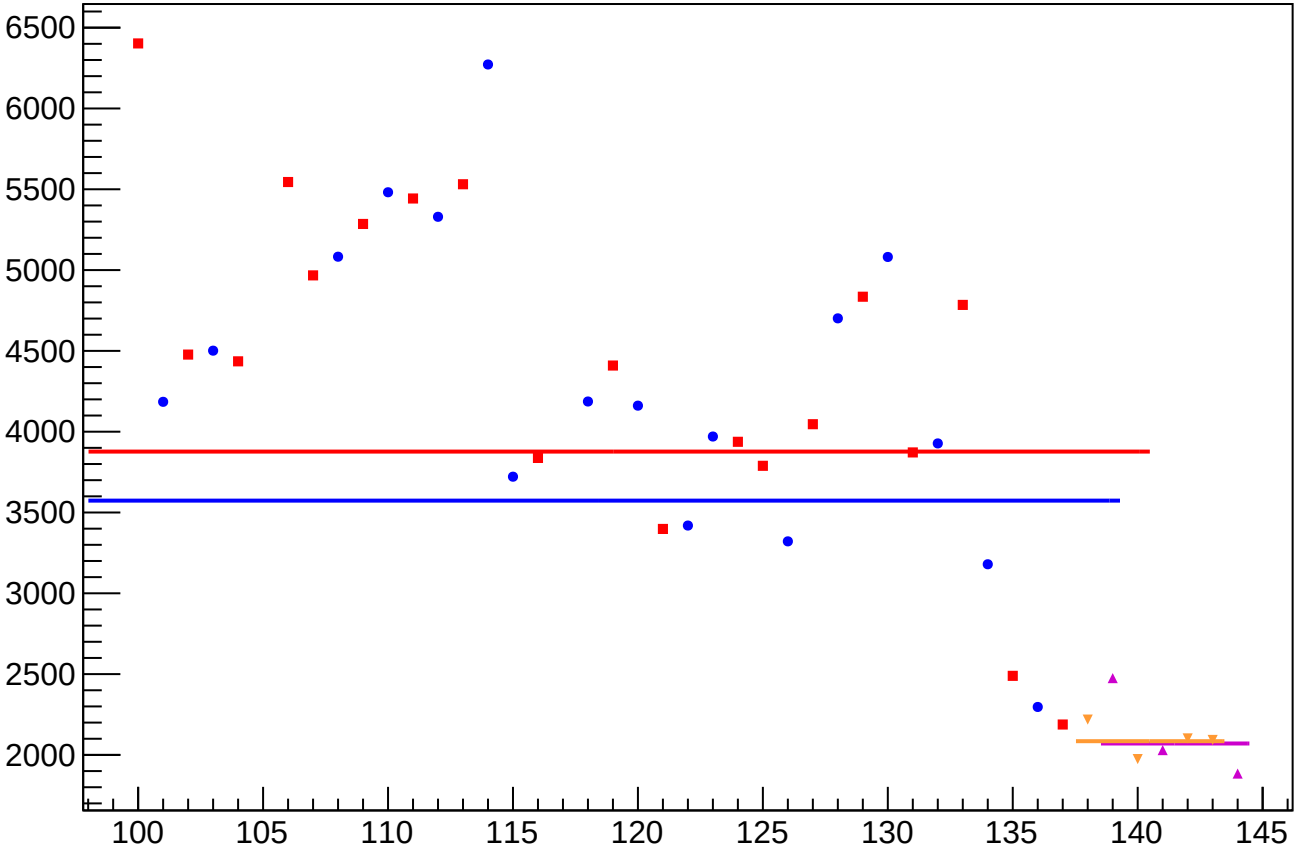
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 2027.454+/-974.286 χ^2/NDF:20.5/19

Out: 304.804+/-981.725 χ^2/NDF:22.6/22

All: 1172.680+/-691.539 χ^2/NDF: 44.7/42

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2084.873+/-0.915 χ^2/NDF:10282.6/3

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2070.662+/-0.935 χ^2/NDF:59713.3/2

Left: 2077.924+/-0.654 χ^2/NDF: 70113.9/6

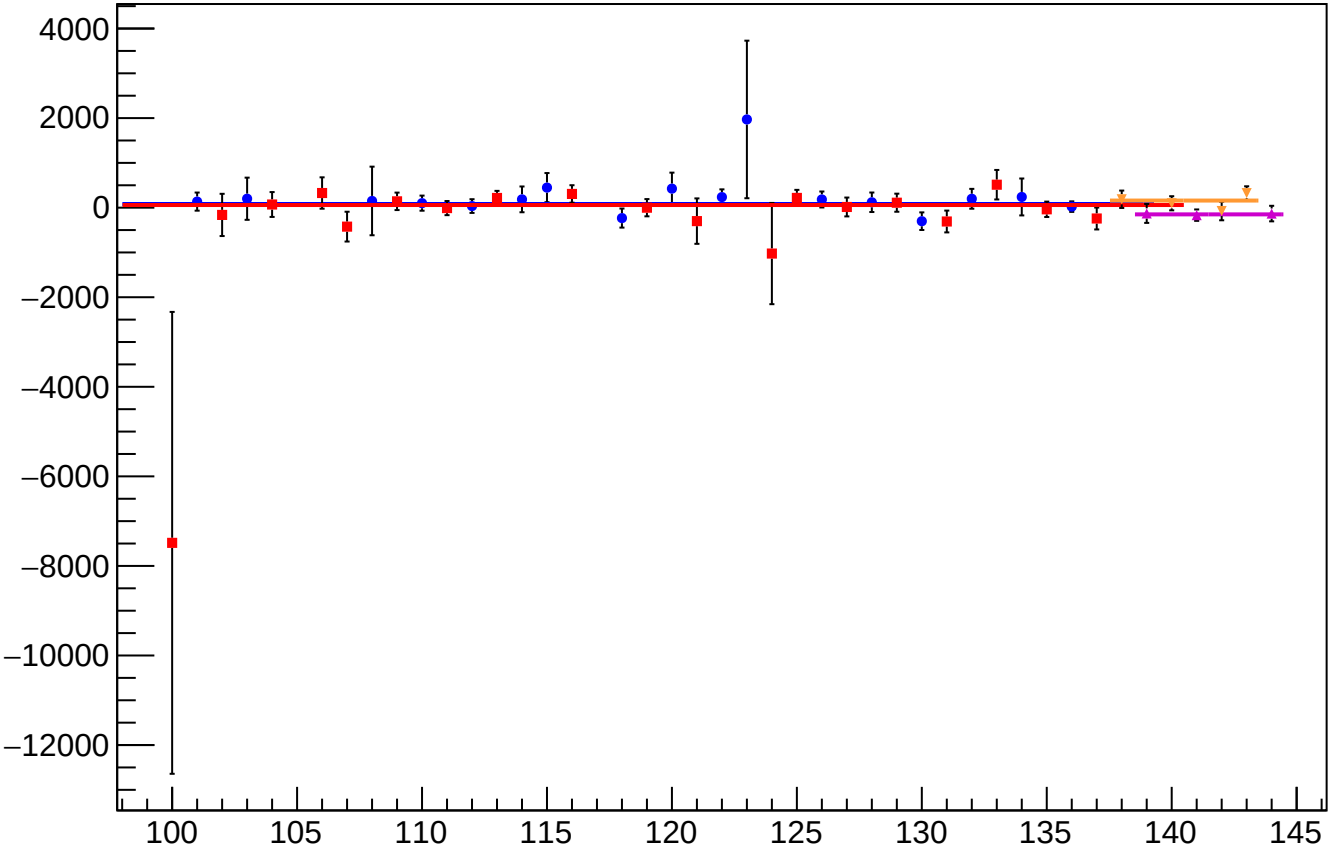
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2758.136+/-0.689 χ^2/NDF:2329442.1/19

Out: 2845.311+/-0.694 χ^2/NDF:2626589.2/22

All: 2801.392+/-0.489 χ^2/NDF: 4963976.3/42

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 158.736+/-86.714 χ^2/NDF:2.6/3

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: -149.835+/-92.353 χ^2/NDF:0.0/2

Left: 14.159+/-63.216 χ^2/NDF: 8.6/6

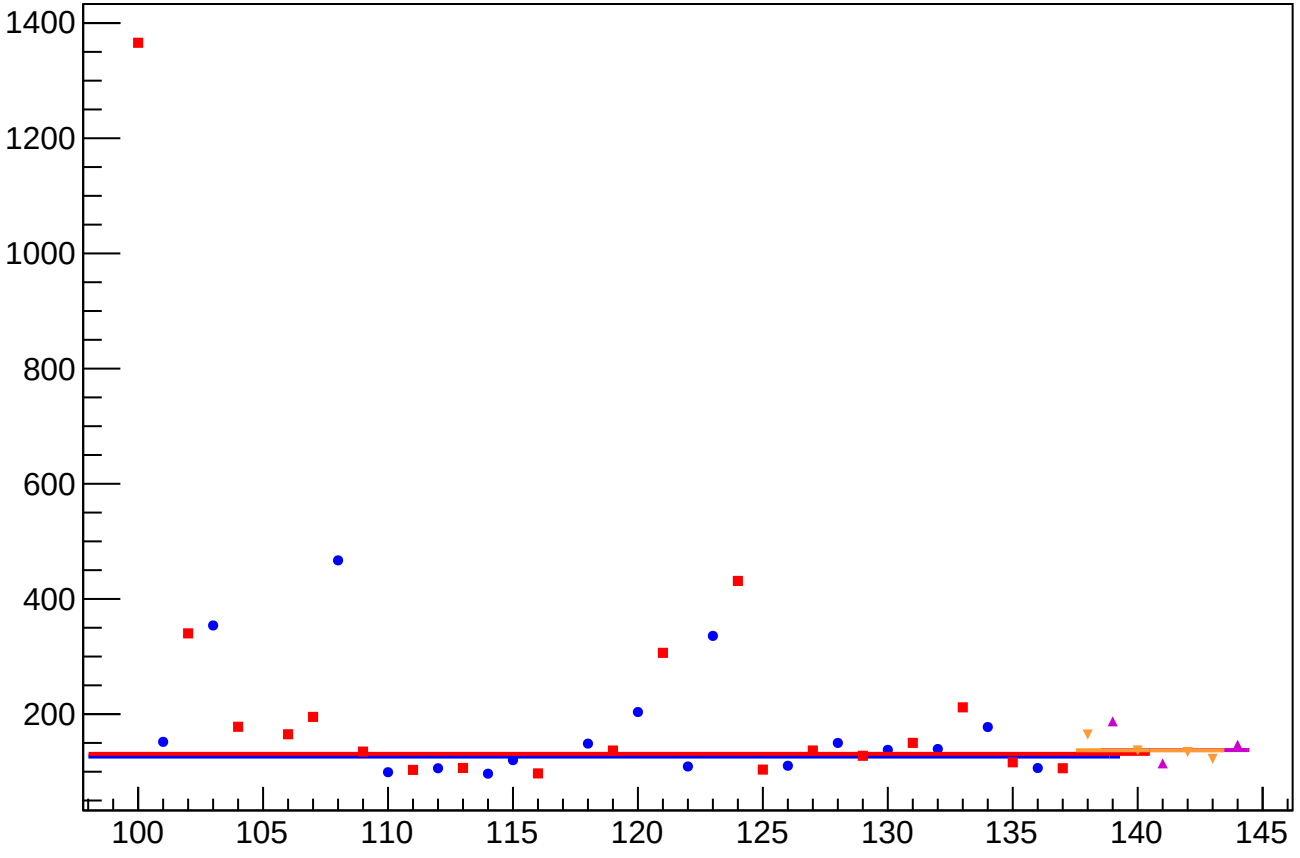
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 26.231+/-45.250 χ^2/NDF:16.4/19

Out: 86.254+/-45.325 χ^2/NDF:20.0/22

All: 56.193+/-32.023 χ^2/NDF: 37.2/42

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 137.254+/-0.061 χ^2/NDF:59169.5/3

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 137.630+/-0.065 χ^2/NDF:182732.6/2

Left: 137.430+/-0.045 χ^2/NDF: 241919.7/6

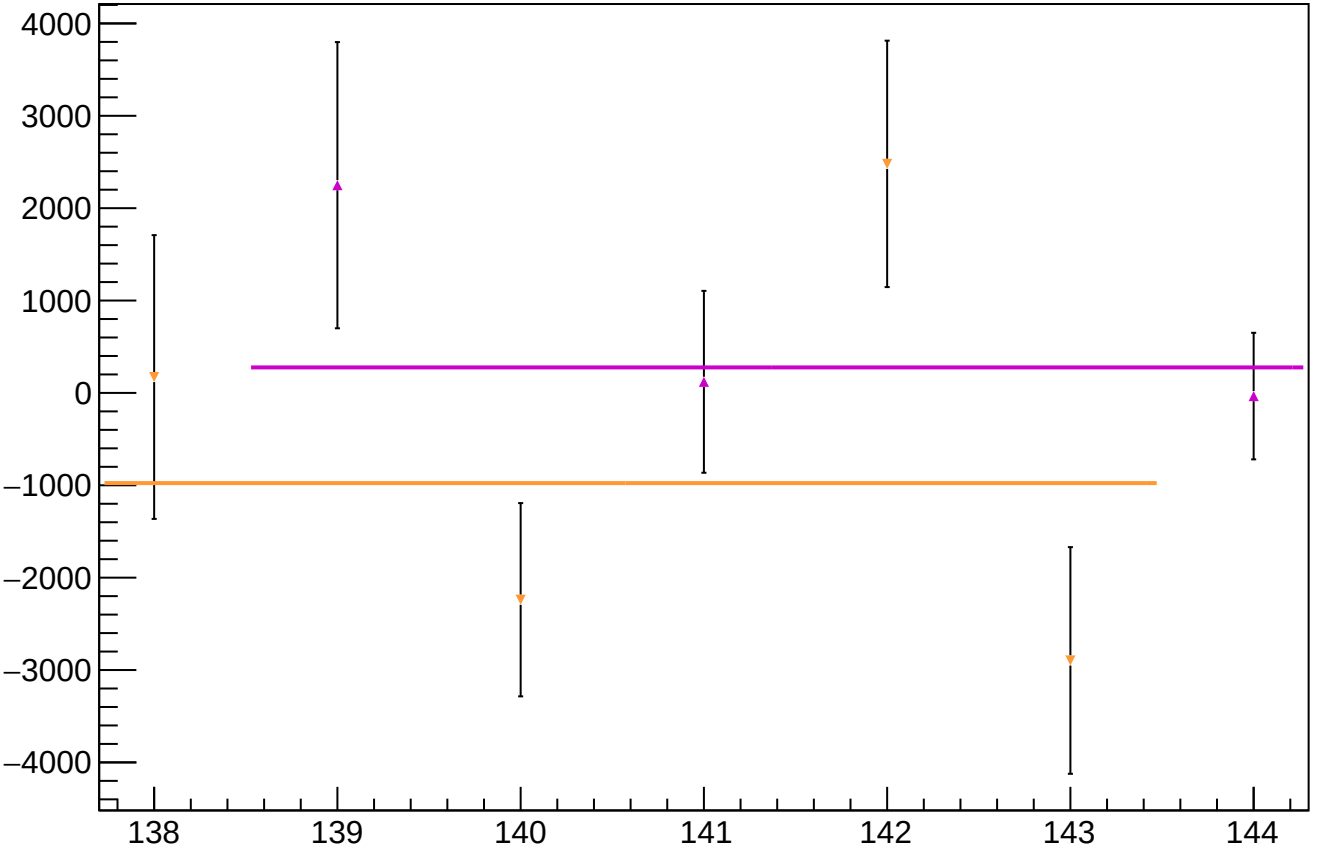
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 129.050+/-0.032 χ^2/NDF:1516034.4/19

Out: 132.714+/-0.032 χ^2/NDF:1495973.1/22

All: 130.879+/-0.023 χ^2/NDF: 3018553.0/42

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -976.286+/-624.539 χ^2/NDF:11.2/3

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

Left In: 276.019+/-528.594 χ^2/NDF:1.9/2

Left: -246.654+/-403.478 χ^2/NDF: 15.4/6

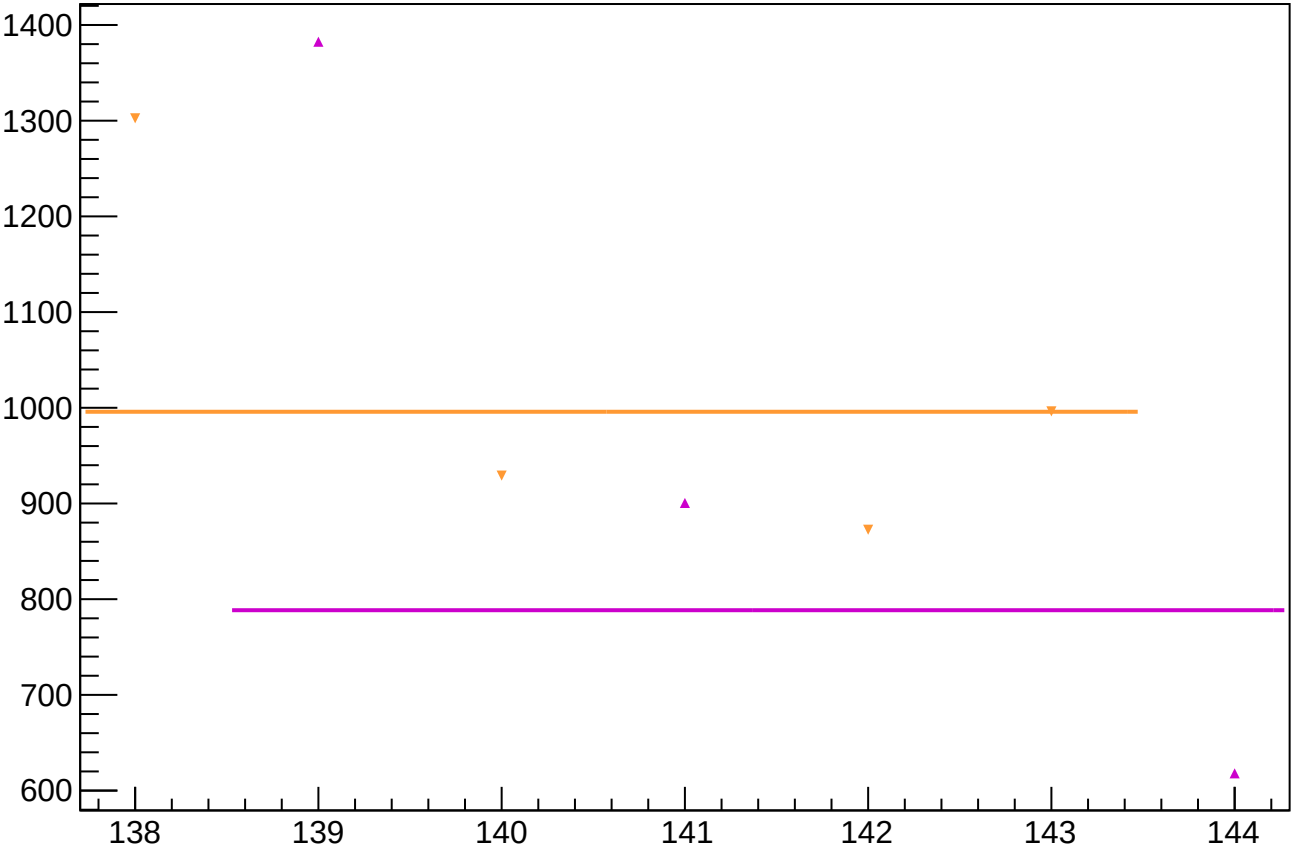
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 276.019+/-528.594 χ^2/NDF:1.9/2

Out: -976.286+/-624.539 χ^2/NDF:11.2/3

All: -246.654+/-403.478 χ^2/NDF: 15.4/6

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 995.851+/-0.442 χ^2/NDF:104919.6/3

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

Left In: 788.481+/-0.374 χ^2/NDF:443803.7/2

Left: 875.031+/-0.285 χ^2/NDF: 677191.5/6

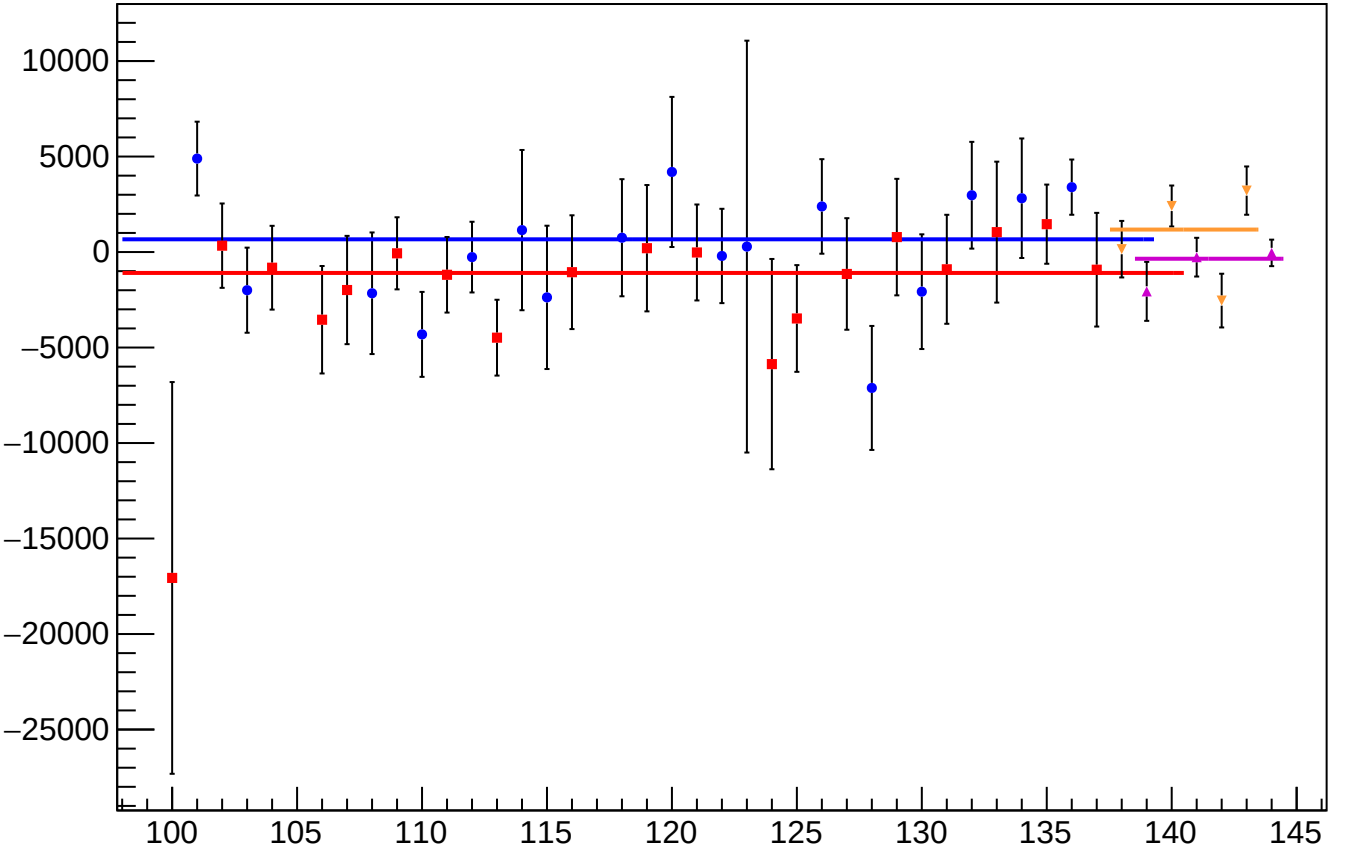
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 788.481+/-0.374 χ^2/NDF:443803.7/2

Out: 995.851+/-0.442 χ^2/NDF:104919.6/3

All: 875.031+/-0.285 χ^2/NDF: 677191.5/6

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1176.851+/-637.853 χ^2/NDF:11.4/3

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: -350.960+/-536.770 χ^2/NDF:1.4/2

Left: 282.436+/-410.699 χ^2/NDF: 16.2/6

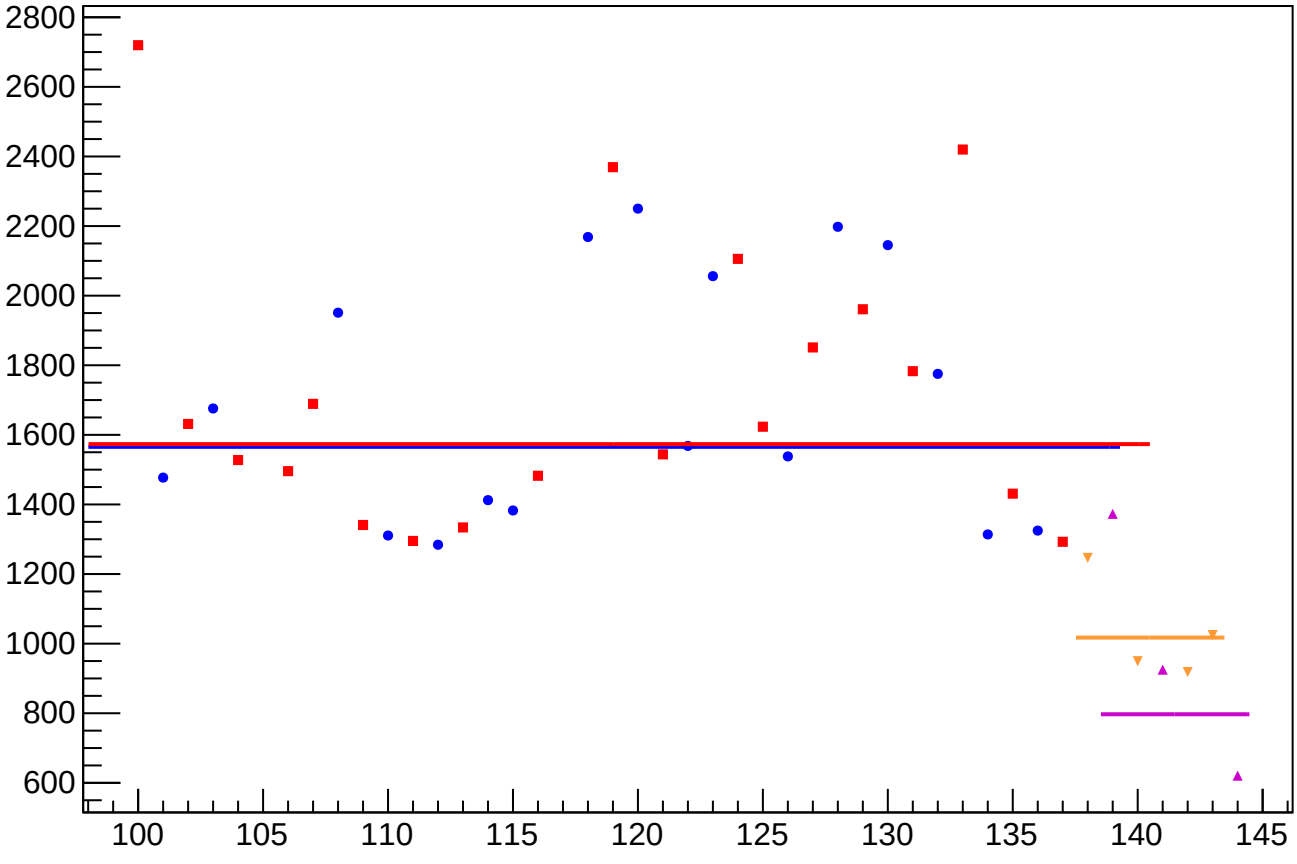
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 85.855+/-405.488 χ^2/NDF:28.6/19

Out: -23.132+/-438.050 χ^2/NDF:29.1/22

All: 35.562+/-297.570 χ^2/NDF: 57.7/42

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 1017.406+/-0.451 χ^2/NDF:65874.4/3

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 797.077+/-0.380 χ^2/NDF:439606.9/2

Left: 888.420+/-0.290 χ^2/NDF: 645183.1/6

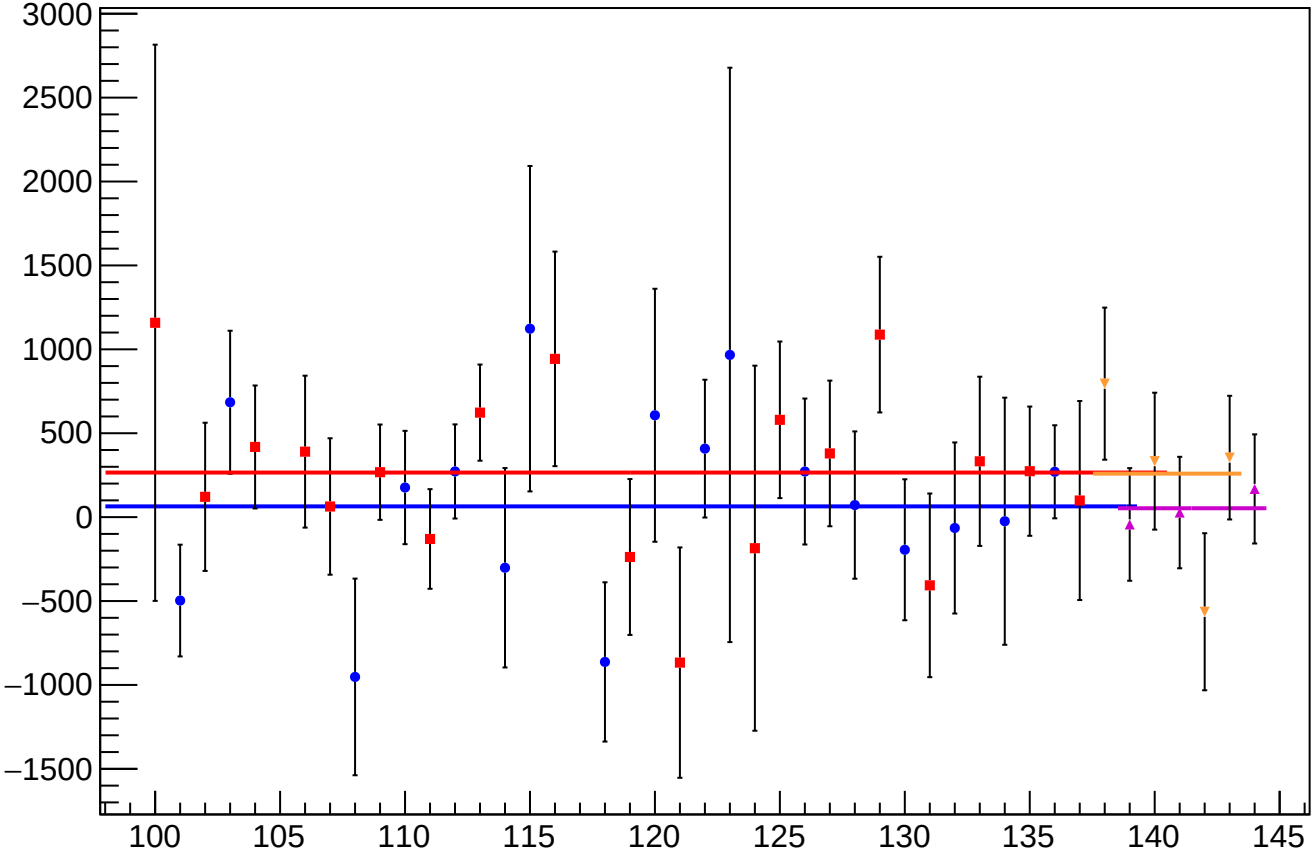
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 1127.043+/-0.287 χ^2/NDF:2690720.7/19

Out: 1311.155+/-0.310 χ^2/NDF:1330716.8/22

All: 1212.003+/-0.210 χ^2/NDF: 4211706.3/42

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 259.265+/-209.396 χ^2/NDF:4.6/3

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 52.912+/-191.046 χ^2/NDF:0.2/2

Left: 146.652+/-141.132 χ^2/NDF: 5.3/6

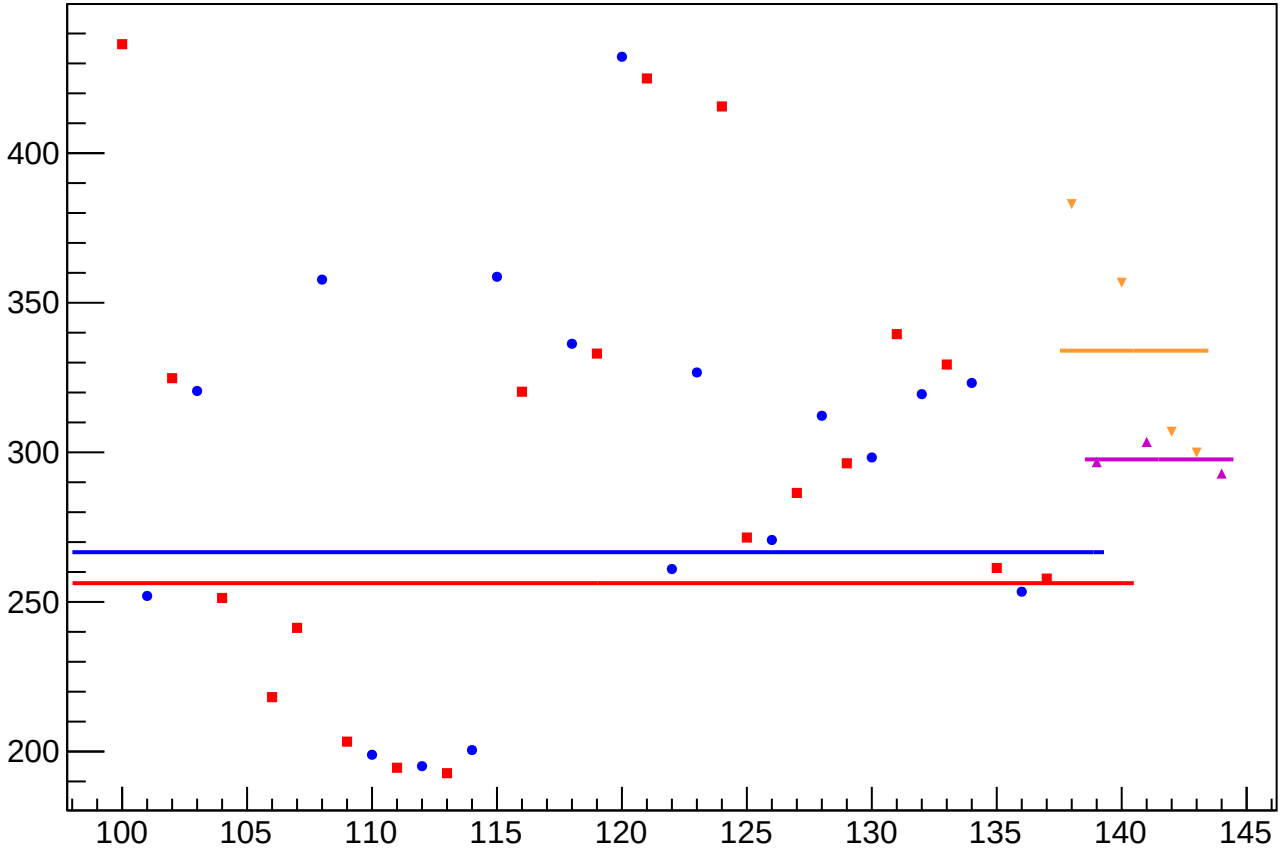
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 61.482+/-92.244 χ^2/NDF:17.0/19

Out: 264.485+/-89.781 χ^2/NDF:19.3/22

All: 165.730+/-64.338 χ^2/NDF: 38.7/42

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 333.989+/-0.148 χ^2/NDF:53361.3/3

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 297.643+/-0.135 χ^2/NDF:1057.7/2

Left: 314.154+/-0.100 χ^2/NDF: 87302.2/6

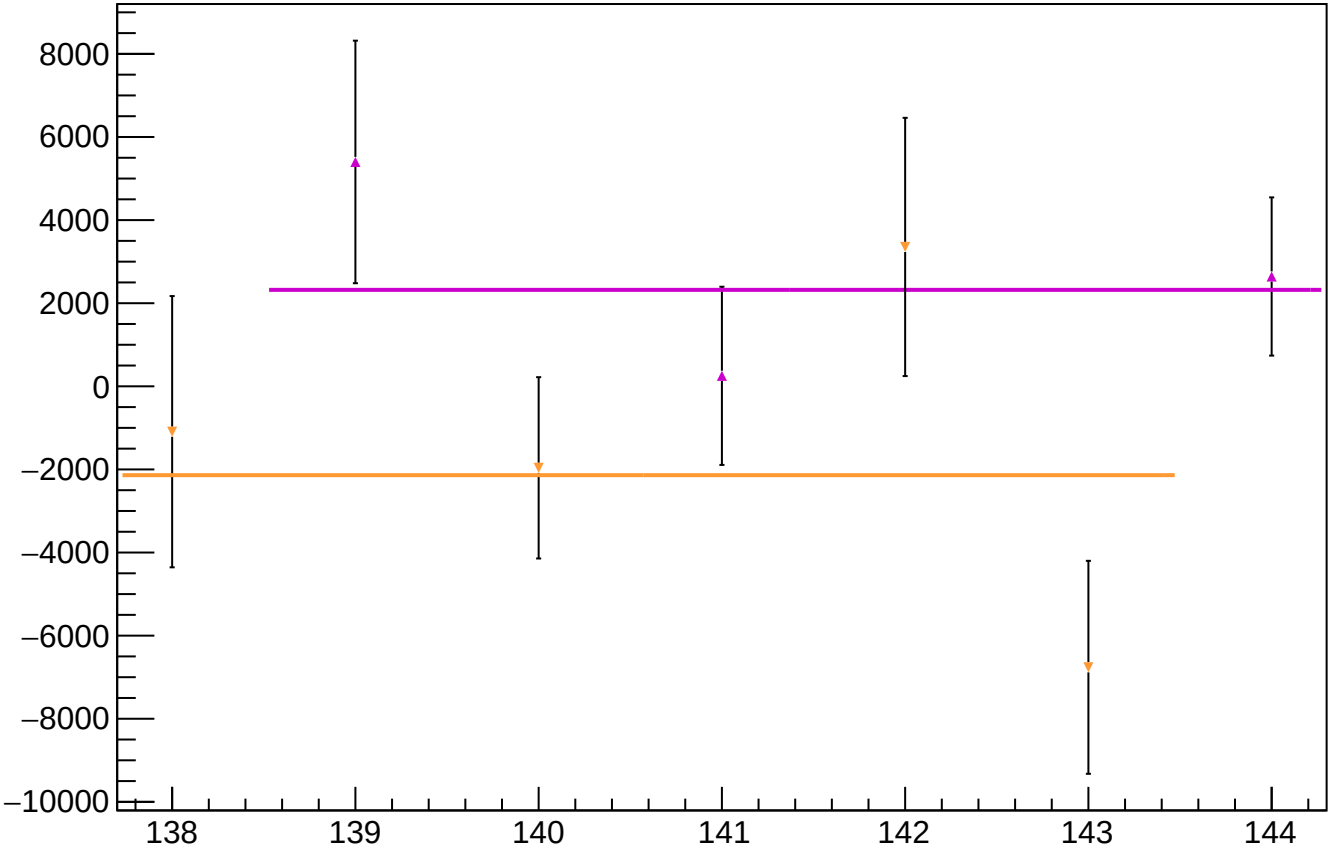
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 273.856+/-0.065 χ^2/NDF:592241.9/19

Out: 270.556+/-0.063 χ^2/NDF:975131.8/22

All: 272.161+/-0.045 χ^2/NDF: 1568688.0/42

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -2138.219+/-1336.478 χ^2/NDF:6.5/3

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

Left In: 2321.441+/-1279.456 χ^2/NDF:2.1/2

Left: 188.778+/-924.213 χ^2/NDF: 14.4/6

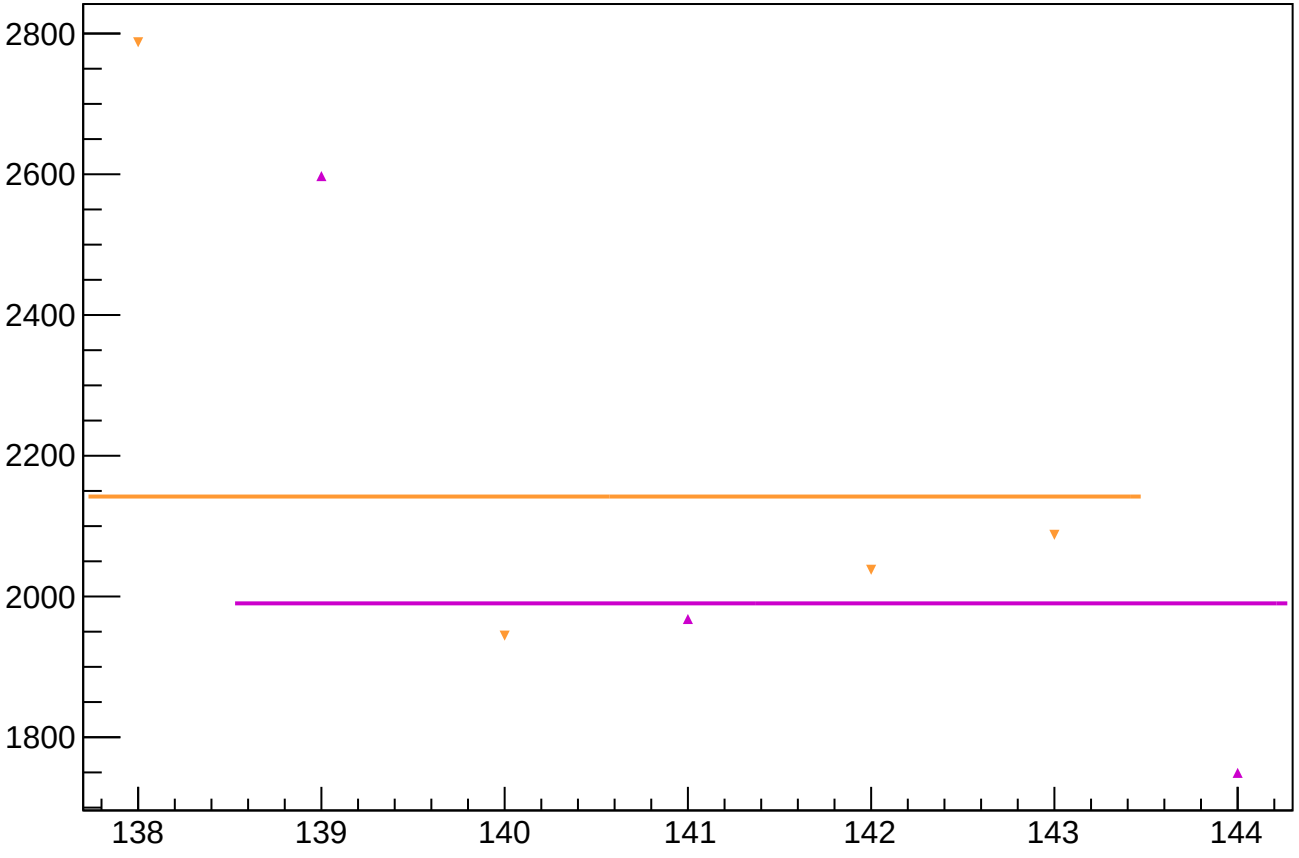
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2321.441+/-1279.456 χ^2/NDF:2.1/2

Out: -2138.219+/-1336.478 χ^2/NDF:6.5/3

All: 188.778+/-924.213 χ^2/NDF: 14.4/6

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2142.032+/-0.945 χ^2/NDF:97802.9/3

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

Left In: 1990.239+/-0.905 χ^2/NDF:118796.1/2

Left: 2062.828+/-0.654 χ^2/NDF: 230060.7/6

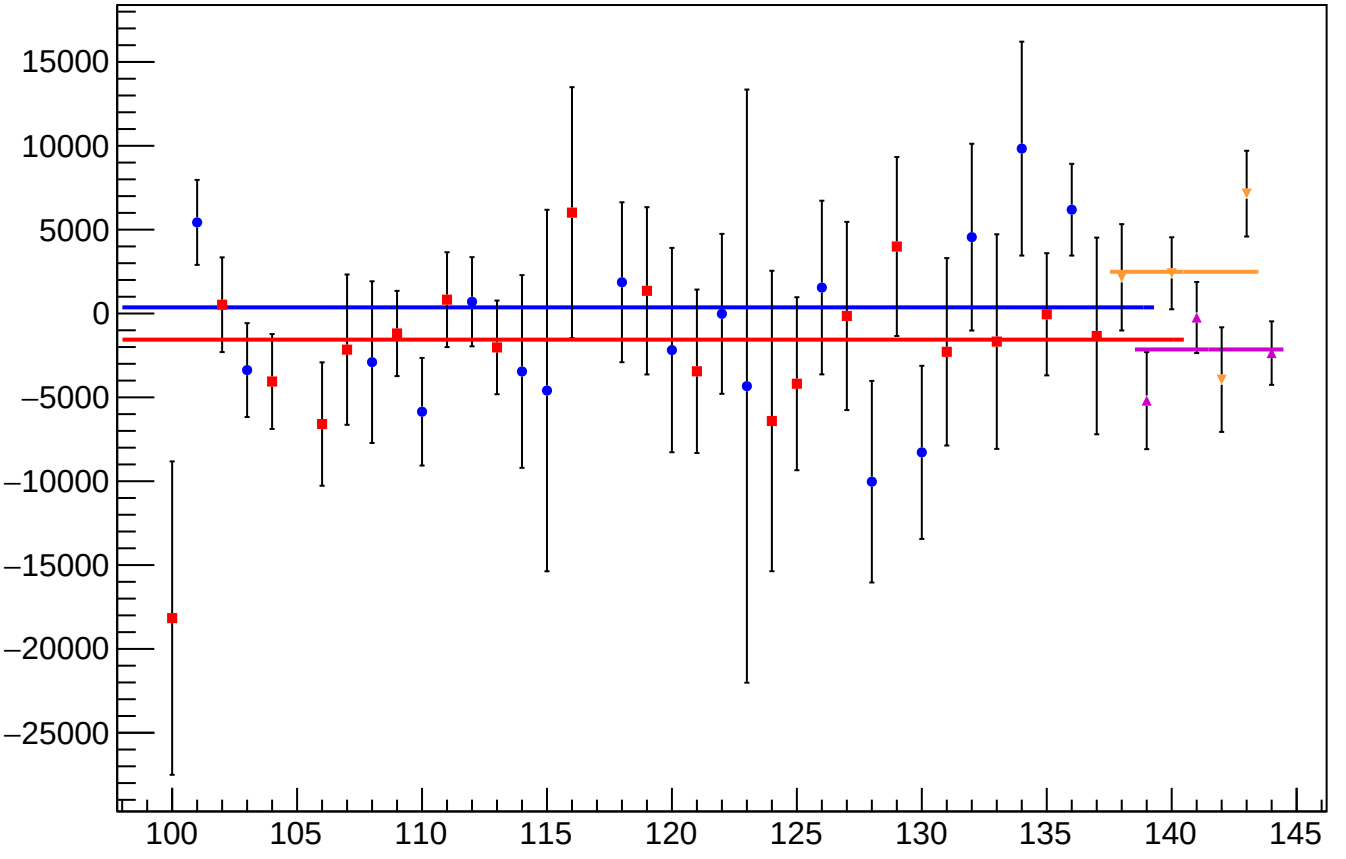
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1990.239+/-0.905 χ^2/NDF:118796.1/2

Out: 2142.032+/-0.945 χ^2/NDF:97802.9/3

All: 2062.828+/-0.654 χ^2/NDF: 230060.7/6

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 2487.155+/-1321.769 χ^2/NDF:7.6/3

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -2144.103+/-1269.129 χ^2/NDF:1.9/2

Left: 77.470+/-915.454 χ^2/NDF: 15.9/6

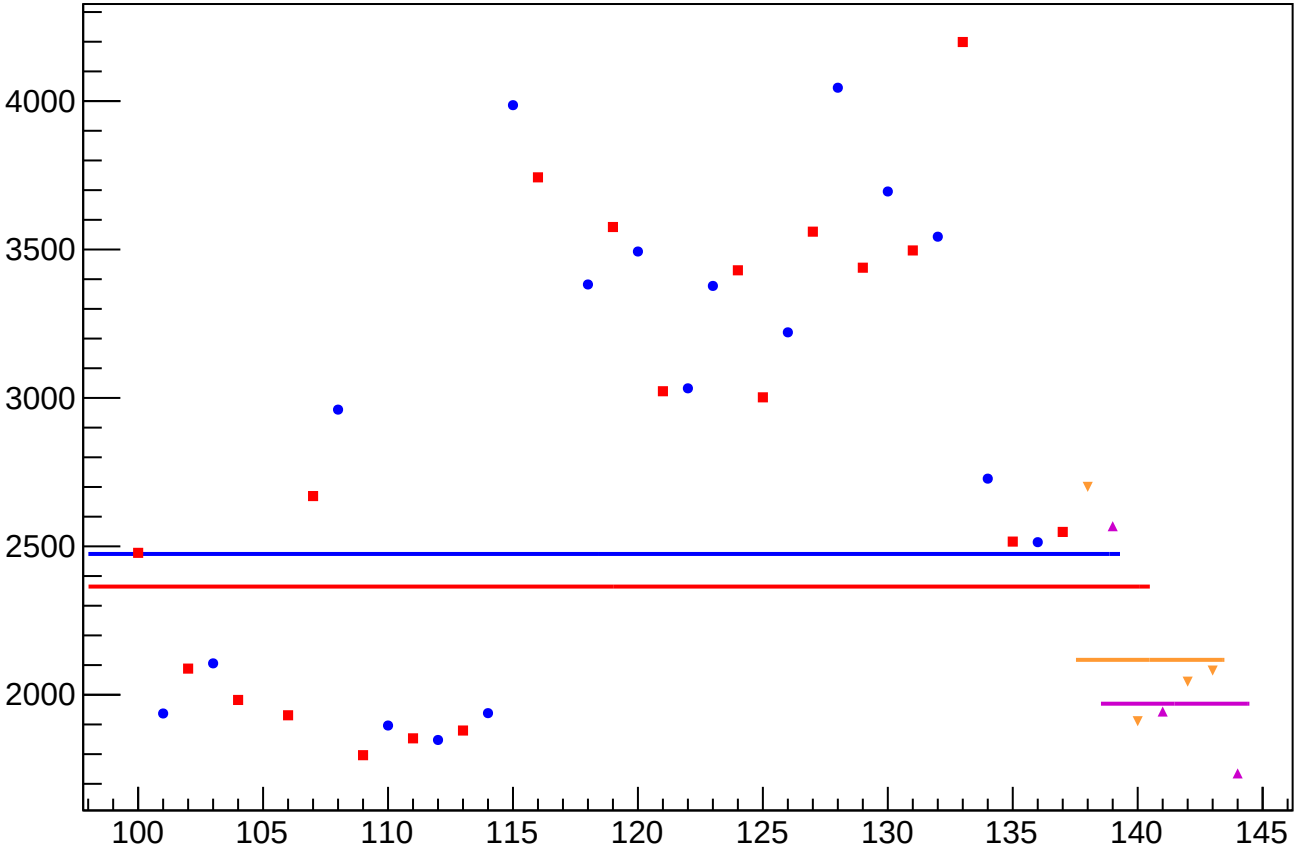
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -586.251+/-781.808 χ^2/NDF:28.5/19

Out: -229.689+/-757.305 χ^2/NDF:24.4/22

All: -402.295+/-543.952 χ^2/NDF: 53.1/42

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2117.667+/-0.935 χ^2/NDF:87654.8/3

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 1969.925+/-0.897 χ^2/NDF:116371.2/2

Left: 2040.795+/-0.647 χ^2/NDF: 217027.4/6

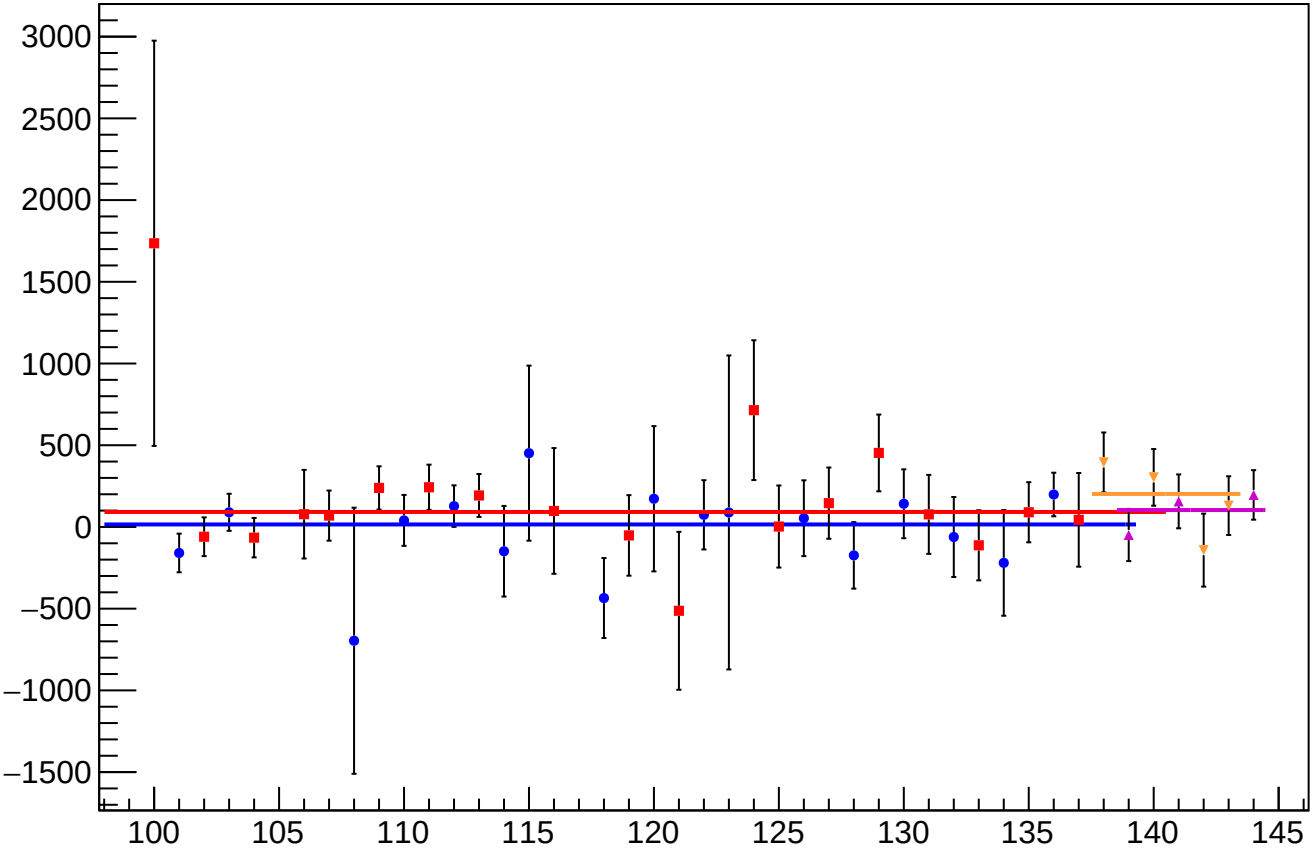
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2282.955+/-0.553 χ^2/NDF:1218714.0/19

Out: 2283.477+/-0.535 χ^2/NDF:1157911.5/22

All: 2283.224+/-0.385 χ^2/NDF: 2376625.9/42

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 201.976+/-93.633 χ^2/NDF:4.0/3

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 103.391+/-91.441 χ^2/NDF:1.4/2

Left: 151.516+/-65.420 χ^2/NDF: 5.9/6

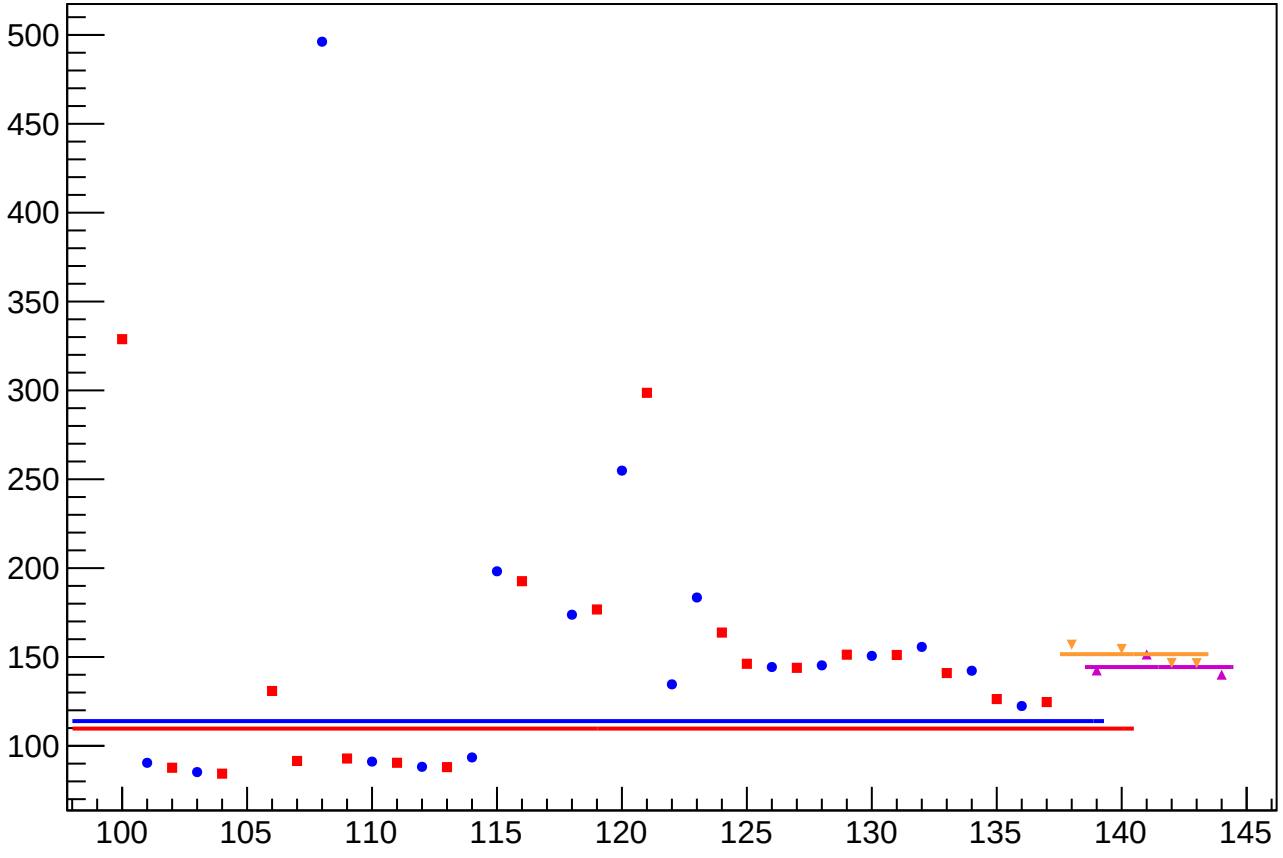
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 33.367+/-41.409 χ^2/NDF:14.7/19

Out: 111.087+/-39.315 χ^2/NDF:20.8/22

All: 74.242+/-28.511 χ^2/NDF: 37.3/42

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 151.588+/-0.066 χ^2/NDF:4839.4/3

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 144.341+/-0.065 χ^2/NDF:5574.0/2

Left: 147.879+/-0.046 χ^2/NDF: 16544.8/6

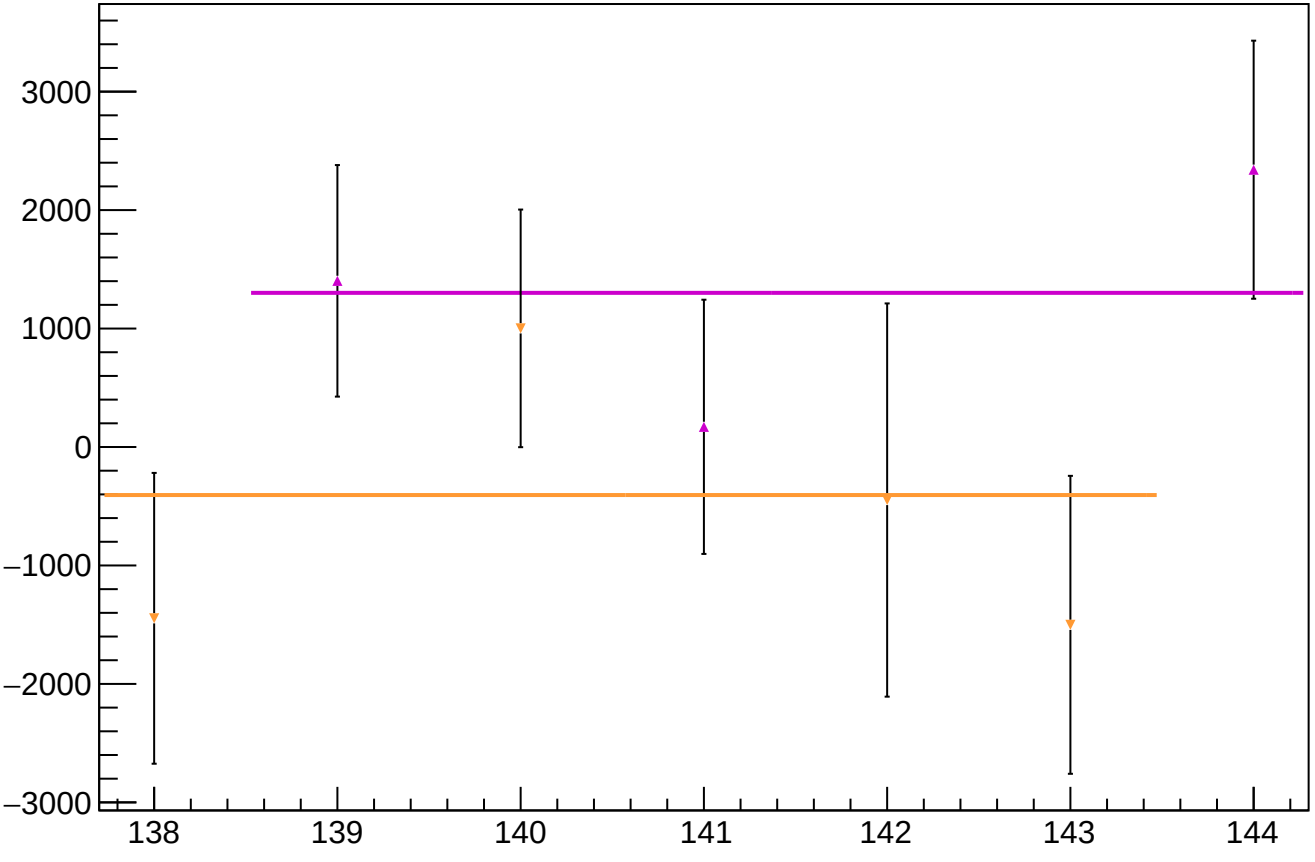
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 120.168+/-0.029 χ^2/NDF:1589255.5/19

Out: 117.093+/-0.028 χ^2/NDF:1576402.7/22

All: 118.550+/-0.020 χ^2/NDF: 3171459.1/42

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -405.542+/-613.948 χ^2/NDF:3.4/3

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

Left In: 1301.386+/-602.127 χ^2/NDF:2.0/2

Left: 464.512+/-429.887 χ^2/NDF: 9.4/6

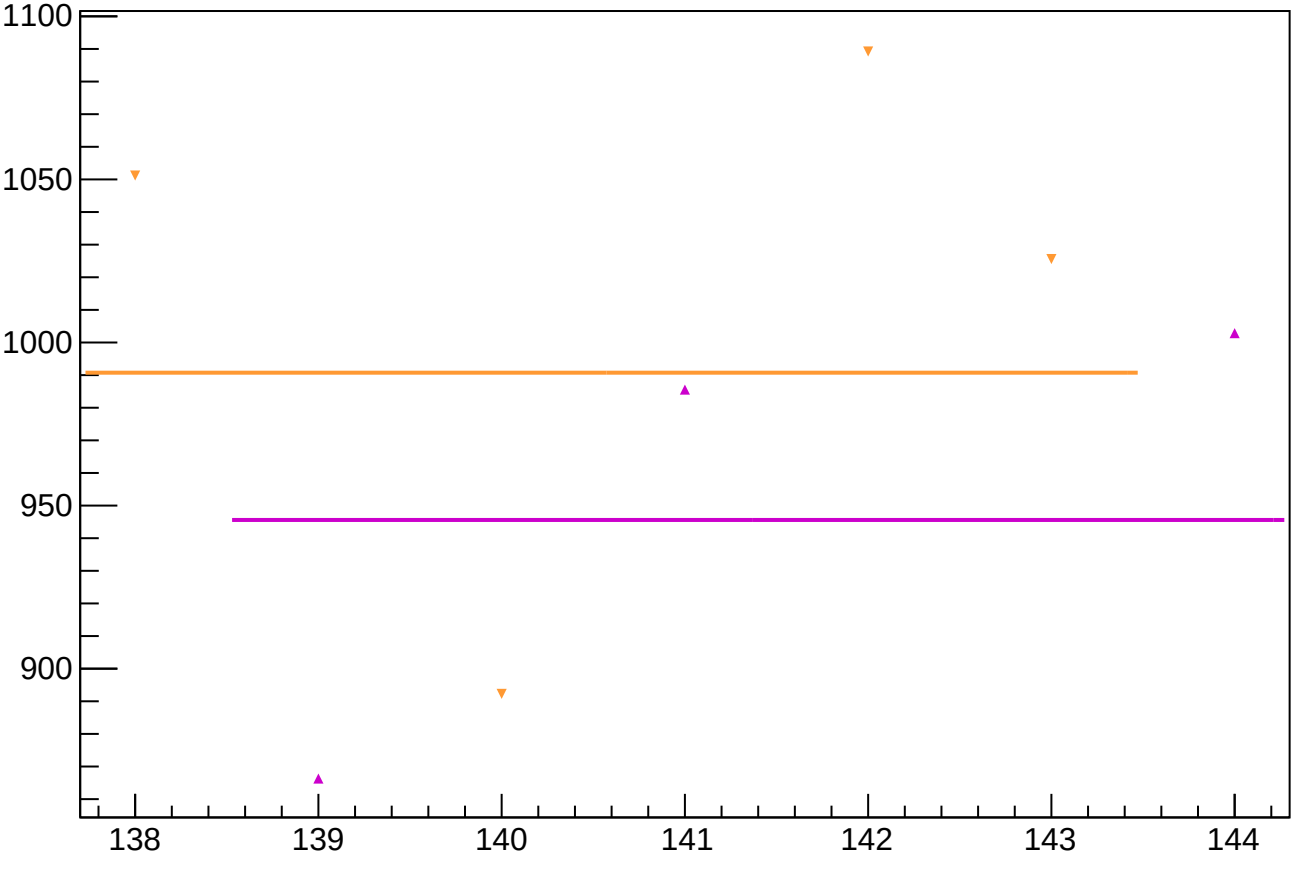
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1301.386+/-602.127 χ^2/NDF:2.0/2

Out: -405.542+/-613.948 χ^2/NDF:3.4/3

All: 464.512+/-429.887 χ^2/NDF: 9.4/6

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 990.746+/-0.434 χ^2/NDF:32703.1/3

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

Left In: 945.593+/-0.426 χ^2/NDF:21463.2/2

Left: 967.731+/-0.304 χ^2/NDF: 59680.3/6

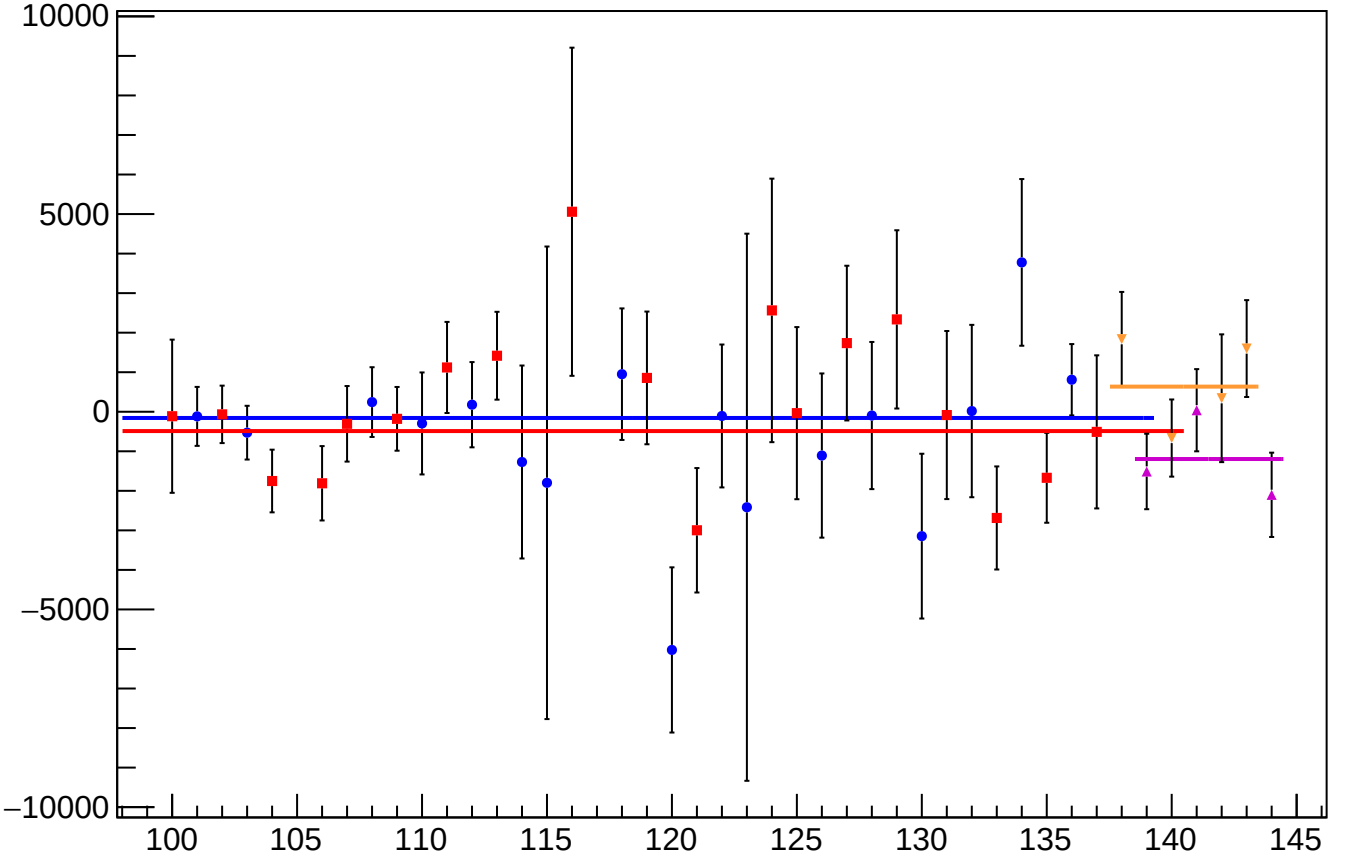
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 945.593+/-0.426 χ^2/NDF:21463.2/2

Out: 990.746+/-0.434 χ^2/NDF:32703.1/3

All: 967.731+/-0.304 χ^2/NDF: 59680.3/6

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 635.716+/-597.738 χ^2/NDF:3.4/3

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -1195.438+/-586.863 χ^2/NDF:2.2/2

Left: -296.669+/-418.767 χ^2/NDF: 10.5/6

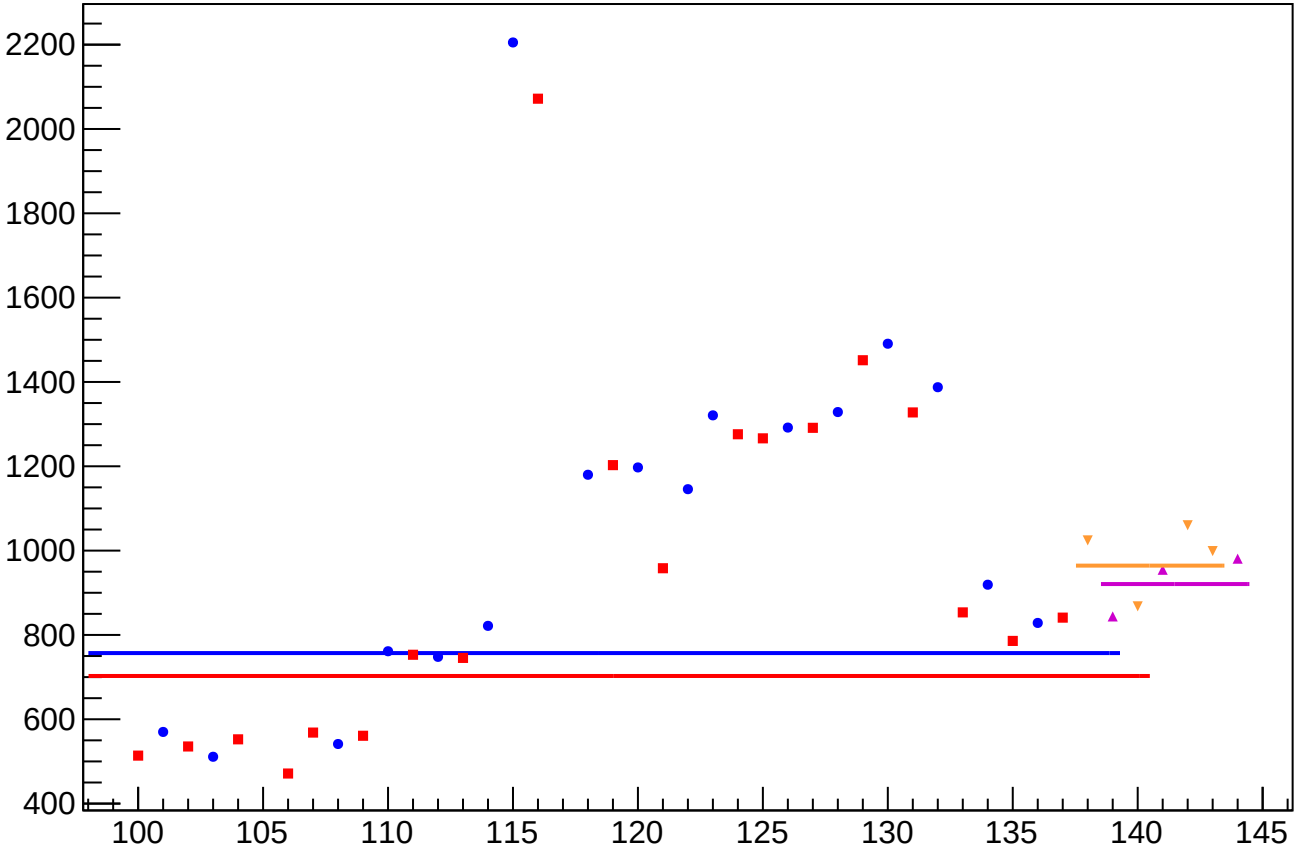
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -386.539+/-275.831 χ^2/NDF:20.9/19

Out: -282.998+/-255.602 χ^2/NDF:29.0/22

All: -330.833+/-187.482 χ^2/NDF: 50.0/42

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 964.392+/-0.423 χ^2/NDF:33218.1/3

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 920.699+/-0.415 χ^2/NDF:21458.5/2

Left: 942.145+/-0.296 χ^2/NDF: 60117.7/6

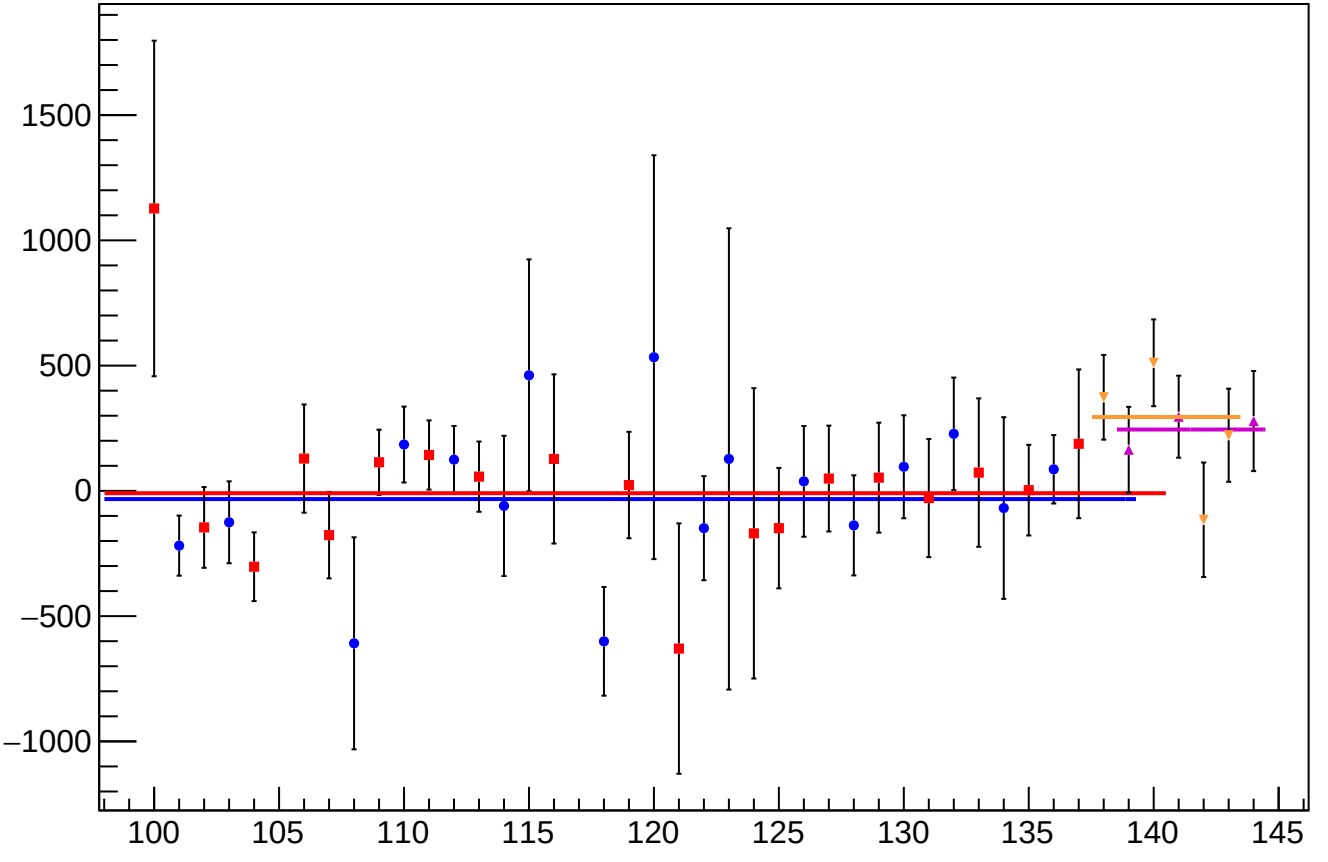
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 793.151+/-0.195 χ^2/NDF:1854004.7/19

Out: 750.516+/-0.181 χ^2/NDF:2036150.9/22

All: 770.213+/-0.133 χ^2/NDF: 3915863.5/42

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 294.948+/-92.674 χ^2/NDF:5.2/3

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 244.919+/-101.792 χ^2/NDF:0.3/2

Left: 272.274+/-68.528 χ^2/NDF: 5.6/6

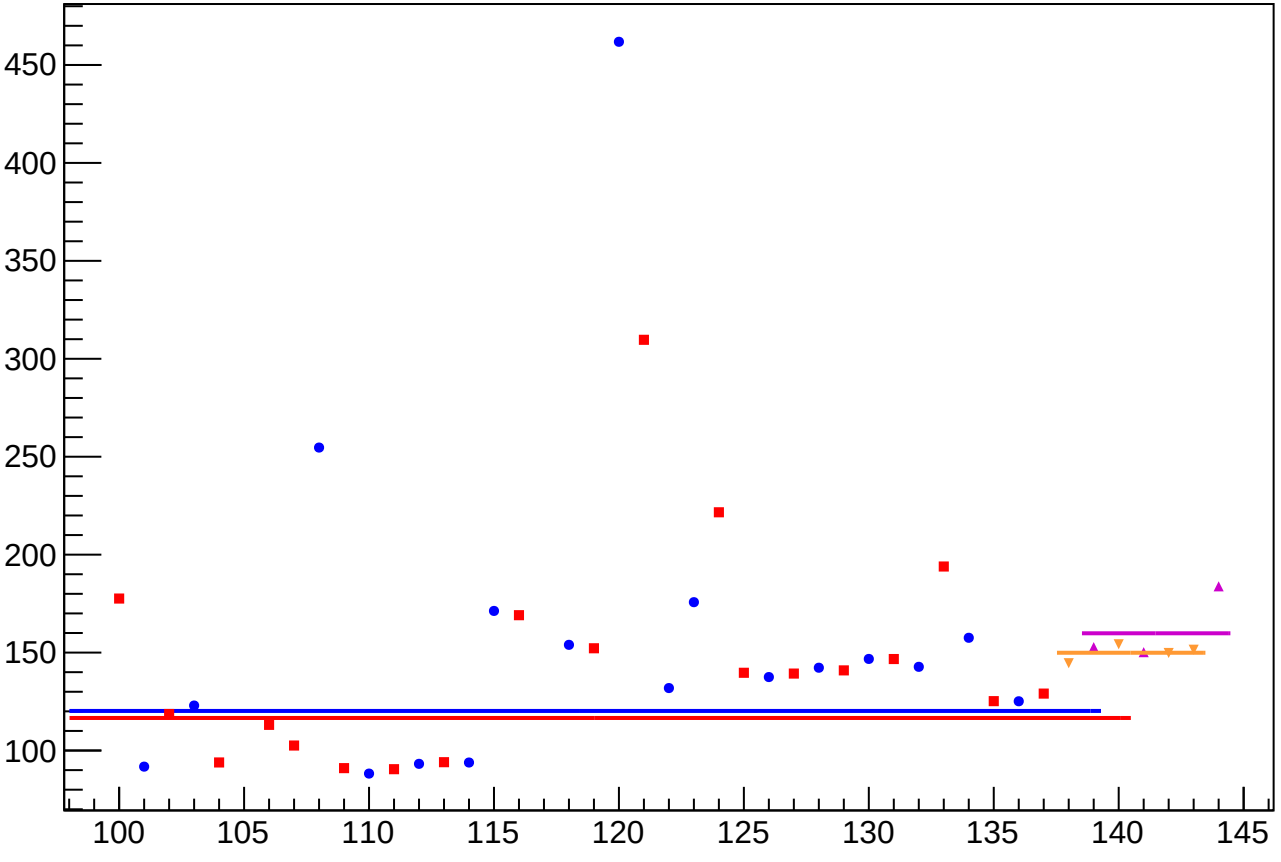
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 18.550+/-43.733 χ^2/NDF:26.1/19

Out: 50.021+/-40.915 χ^2/NDF:28.5/22

All: 35.332+/-29.878 χ^2/NDF: 54.9/42

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 149.917+/-0.066 χ^2/NDF:3389.4/3

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 159.852+/-0.072 χ^2/NDF:39146.4/2

Left: 154.420+/-0.048 χ^2/NDF: 52952.3/6

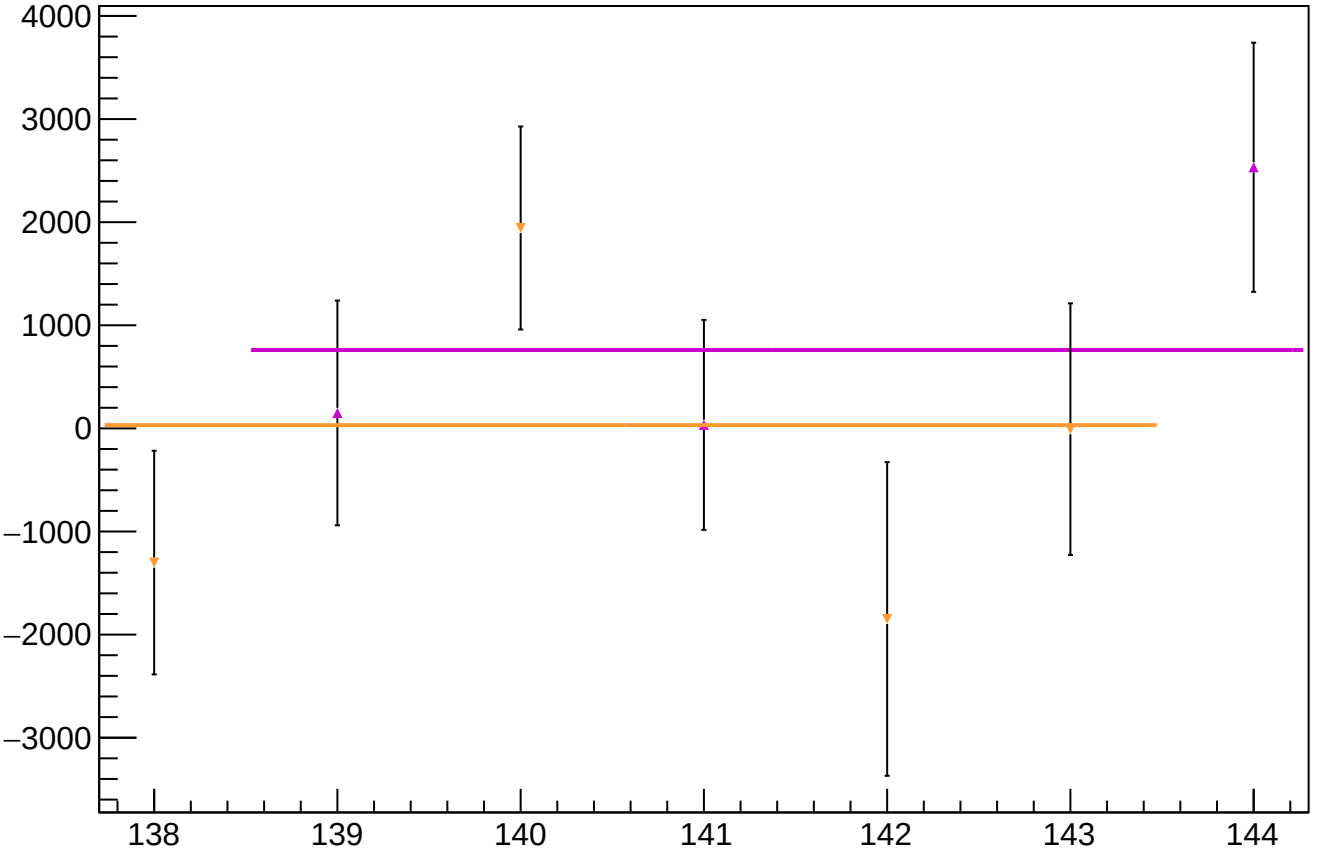
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 127.525+/-0.031 χ^2/NDF:1348850.6/19

Out: 123.109+/-0.029 χ^2/NDF:1209229.5/22

All: 125.170+/-0.021 χ^2/NDF: 2568955.0/42

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 31.552+/-578.779 χ^2/NDF:6.8/3

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

Left In: 760.052+/-633.599 χ^2/NDF:3.0/2

Left: 362.928+/-427.327 χ^2/NDF: 10.5/6

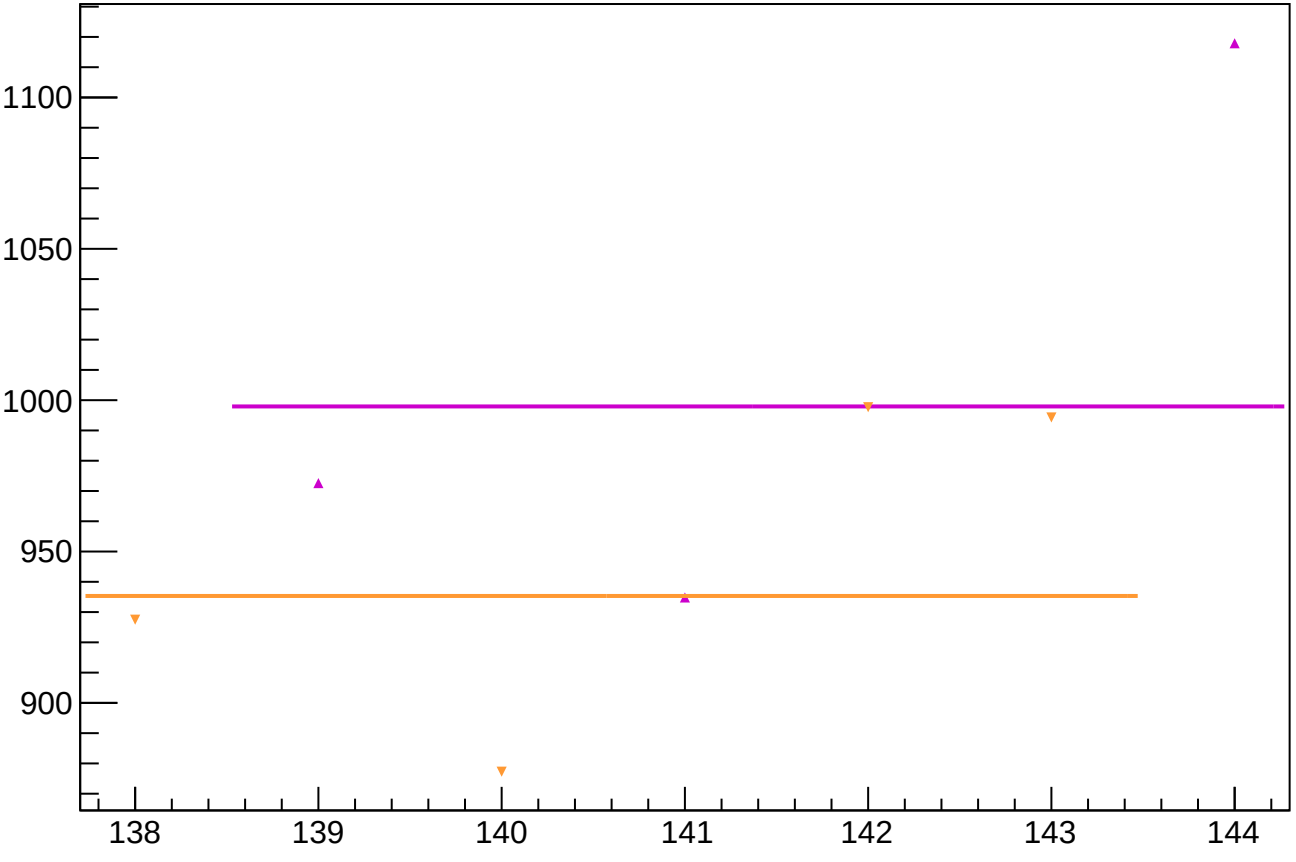
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 760.052+/-633.599 χ^2/NDF:3.0/2

Out: 31.552+/-578.779 χ^2/NDF:6.8/3

All: 362.928+/-427.327 χ^2/NDF: 10.5/6

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 935.324+/-0.409 χ^2/NDF:15087.9/3

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

Left In: 997.933+/-0.448 χ^2/NDF:28472.0/2

Left: 963.803+/-0.302 χ^2/NDF: 54205.6/6

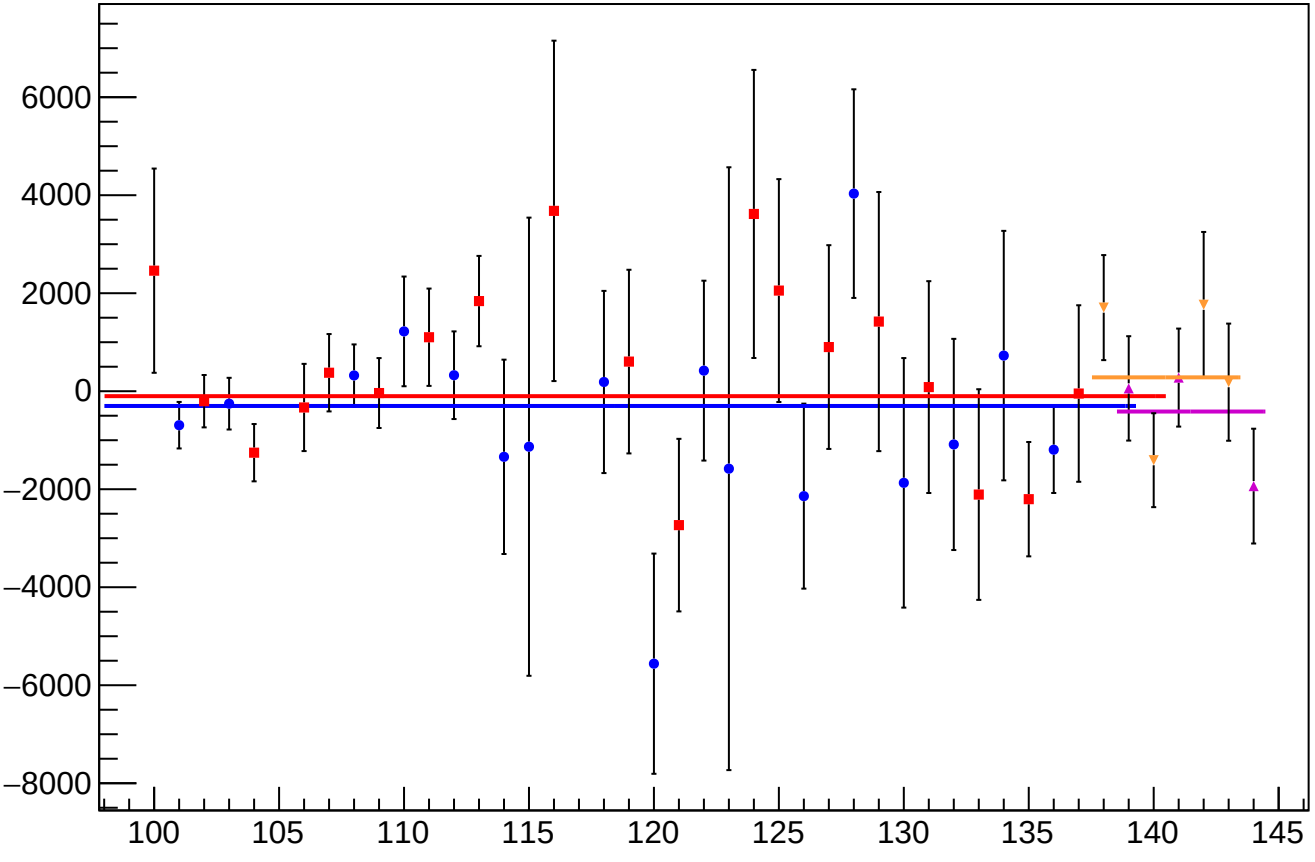
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 997.933+/-0.448 χ^2/NDF:28472.0/2

Out: 935.324+/-0.409 χ^2/NDF:15087.9/3

All: 963.803+/-0.302 χ^2/NDF: 54205.6/6

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: 282.883+/-566.810 χ^2/NDF:5.9/3

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: -414.752+/-619.004 χ^2/NDF:2.4/2

Left: -35.288+/-418.032 χ^2/NDF: 8.9/6

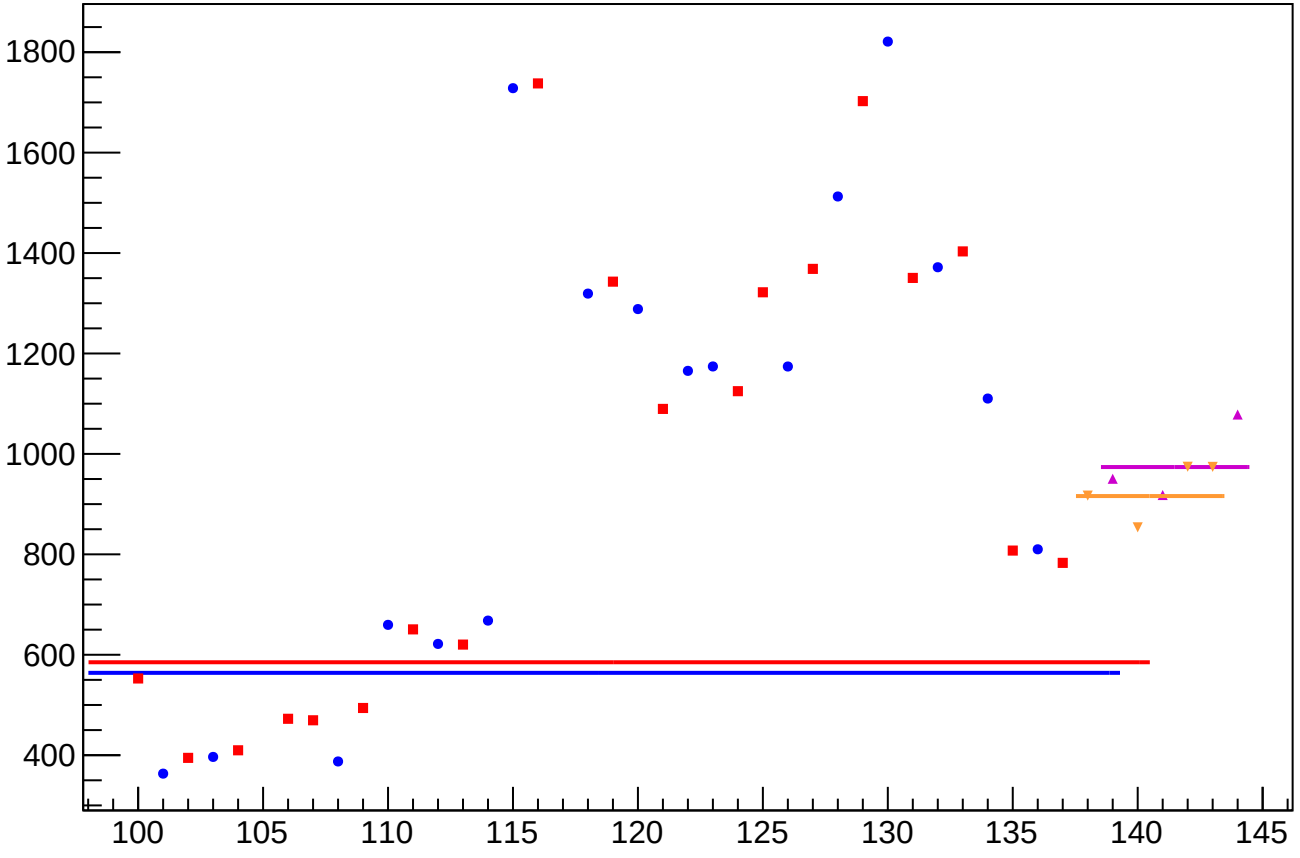
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -316.957+/-231.842 χ^2/NDF:19.2/19

Out: -40.040+/-225.648 χ^2/NDF:28.8/22

All: -174.750+/-161.703 χ^2/NDF: 48.8/42

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 916.055+/-0.401 χ^2/NDF:16272.8/3

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 973.845+/-0.438 χ^2/NDF:23105.9/2

Left: 942.411+/-0.296 χ^2/NDF: 48860.5/6

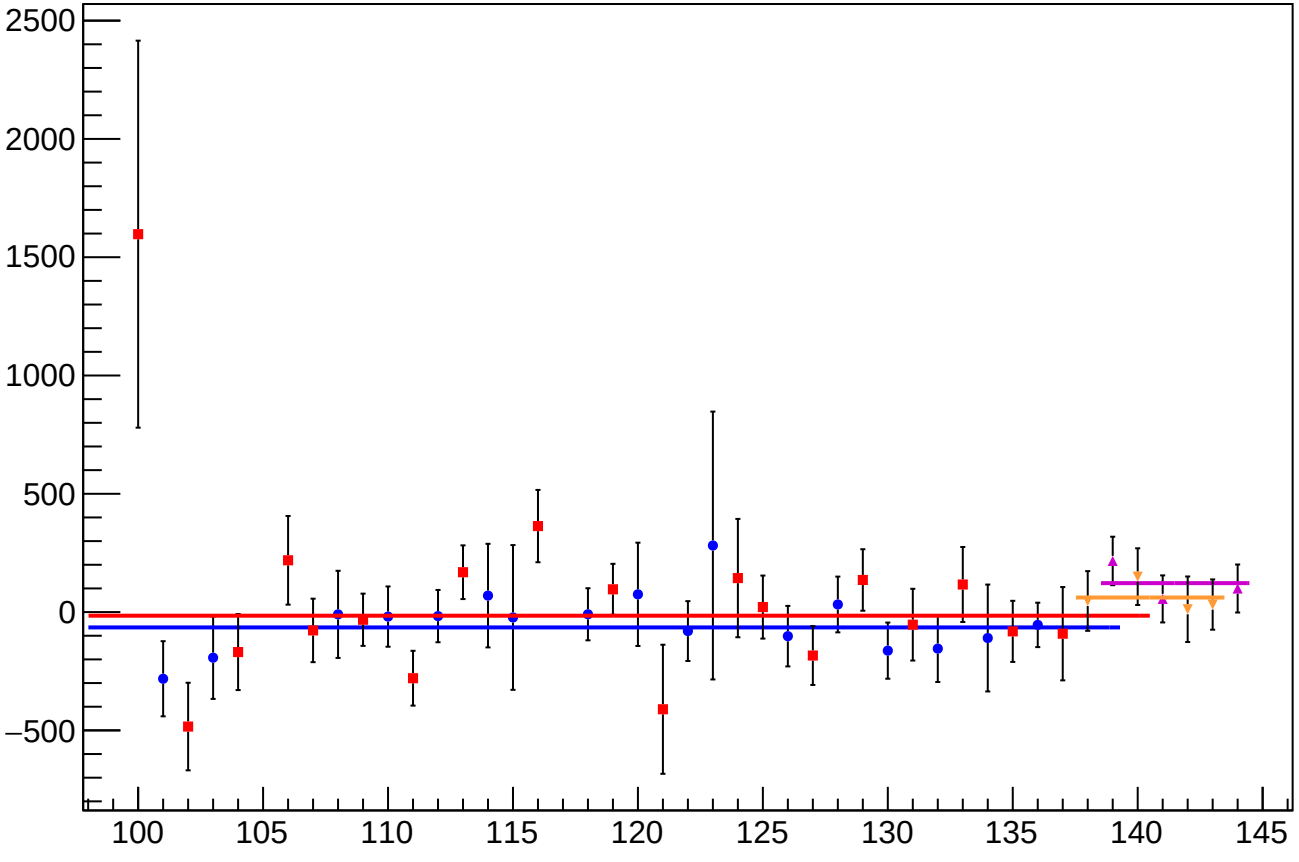
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 621.496+/-0.164 χ^2/NDF:4038355.8/19

Out: 637.526+/-0.160 χ^2/NDF:3411007.8/22

All: 629.728+/-0.114 χ^2/NDF: 7454273.4/42

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 61.550+/-60.508 χ^2/NDF:0.8/3

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 122.358+/-58.356 χ^2/NDF:1.3/2

Left: 93.055+/-42.004 χ^2/NDF: 2.6/6

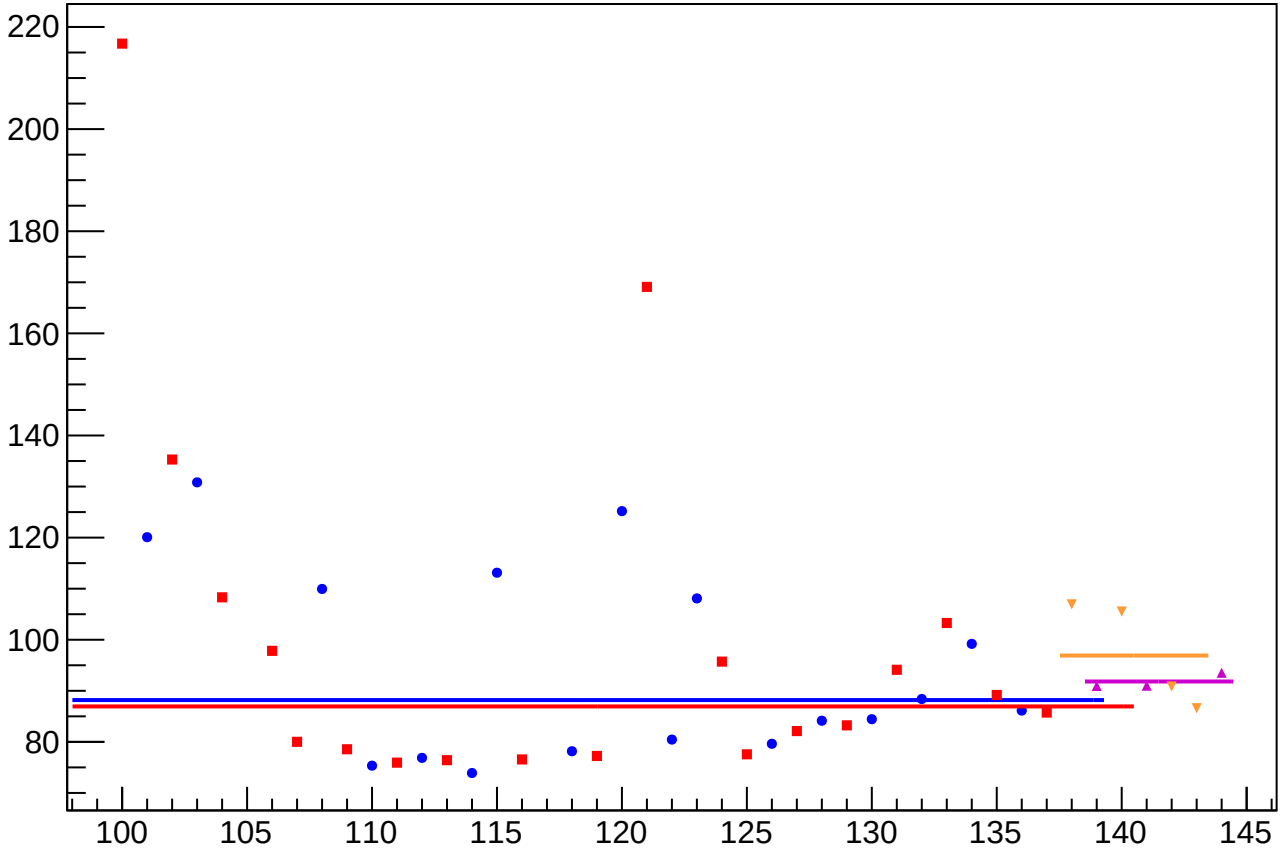
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: -16.056+/-29.781 χ^2/NDF:15.1/19

Out: 2.670+/-29.255 χ^2/NDF:37.0/22

All: -6.526+/-20.870 χ^2/NDF: 52.3/42

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 96.907+/-0.043 χ^2/NDF:45639.1/3

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 91.825+/-0.041 χ^2/NDF:852.3/2

Left: 94.274+/-0.030 χ^2/NDF: 53801.3/6

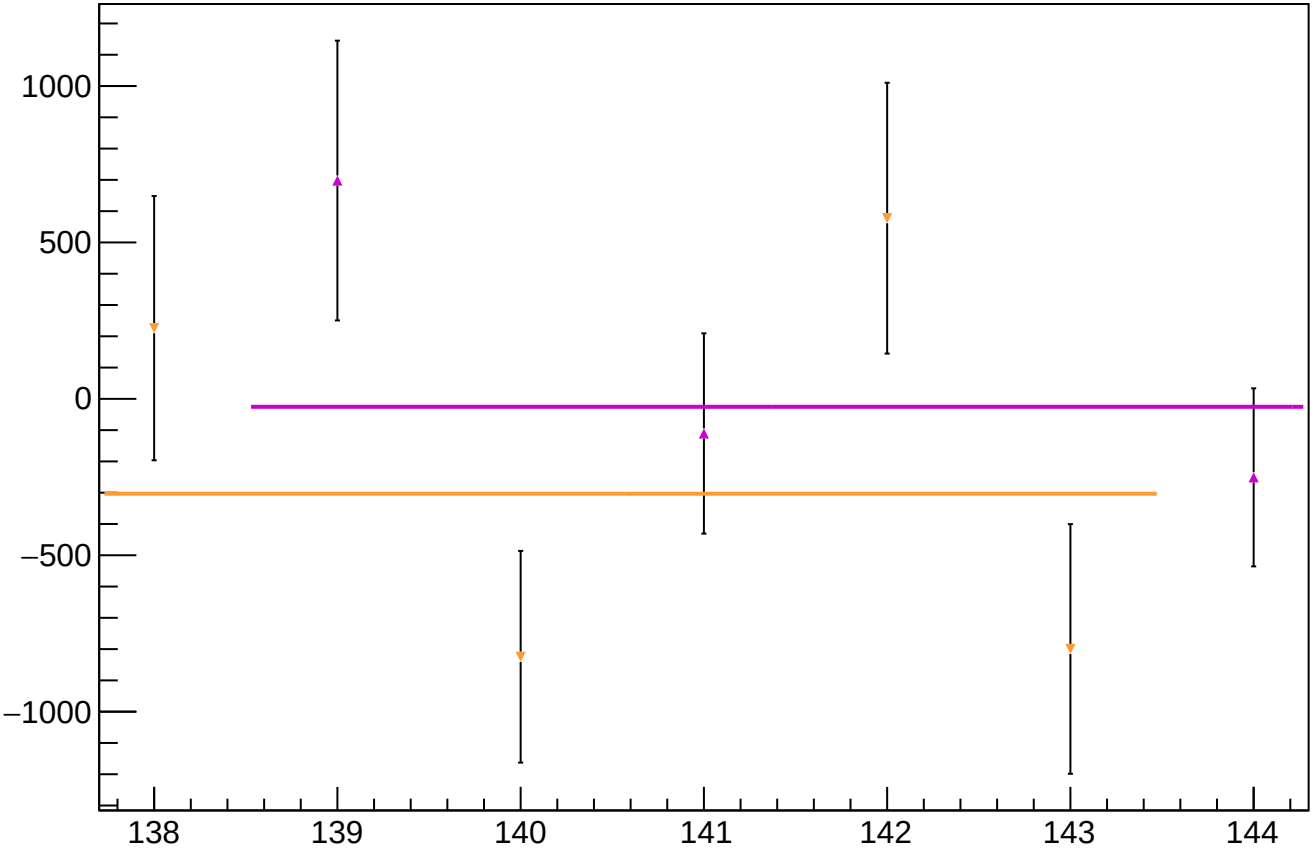
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 89.134+/-0.021 χ^2/NDF:401051.7/19

Out: 89.272+/-0.021 χ^2/NDF:618557.2/22

All: 89.204+/-0.015 χ^2/NDF: 1019630.9/42

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -303.274+/-196.283 χ^2/NDF:9.6/3

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

Left In: -25.393+/-192.084 χ^2/NDF:3.3/2

Left: -161.330+/-137.285 χ^2/NDF: 14.0/6

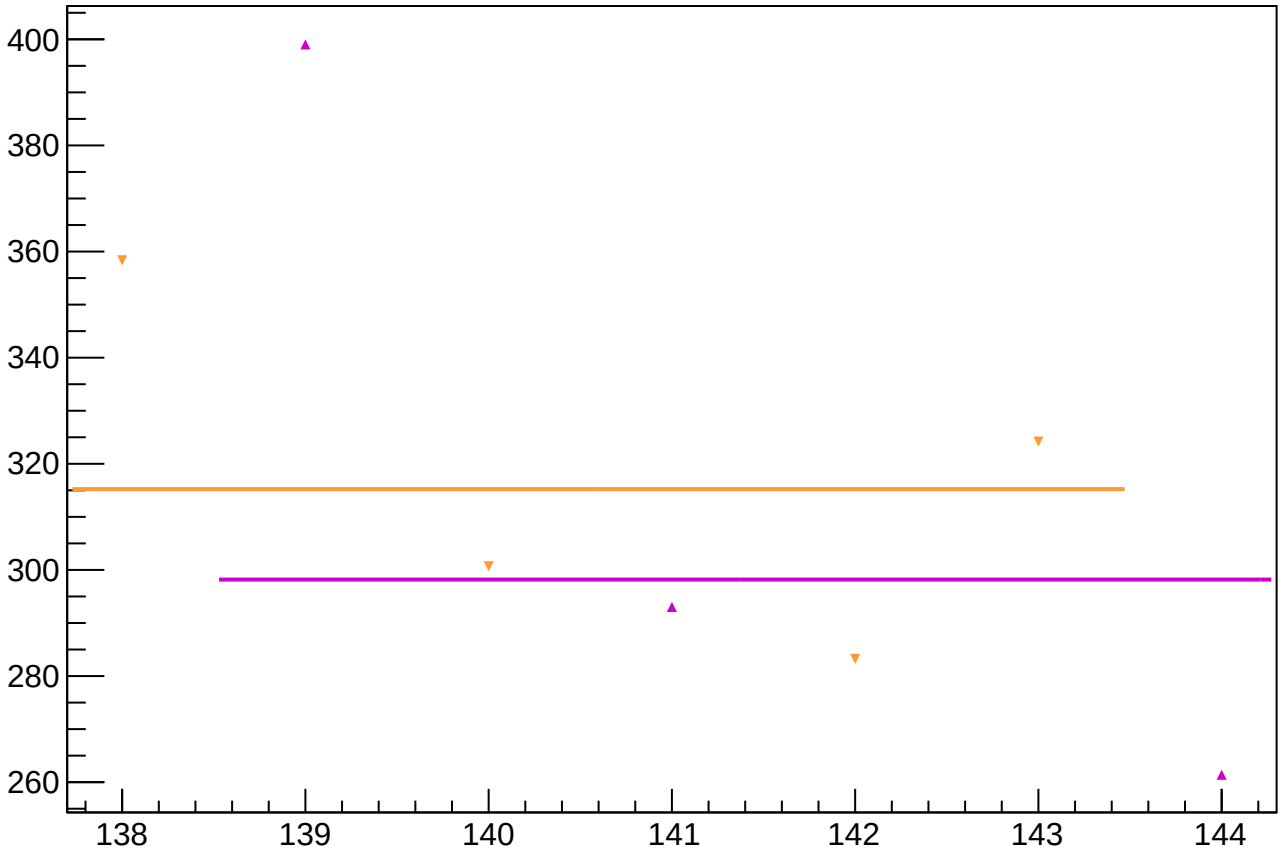
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.393+/-192.084 χ^2/NDF:3.3/2

Out: -303.274+/-196.283 χ^2/NDF:9.6/3

All: -161.330+/-137.285 χ^2/NDF: 14.0/6

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 315.233+/-0.139 χ^2/NDF:36470.1/3

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

Left In: 298.184+/-0.136 χ^2/NDF:135683.0/2

Left: 306.524+/-0.097 χ^2/NDF: 179861.2/6

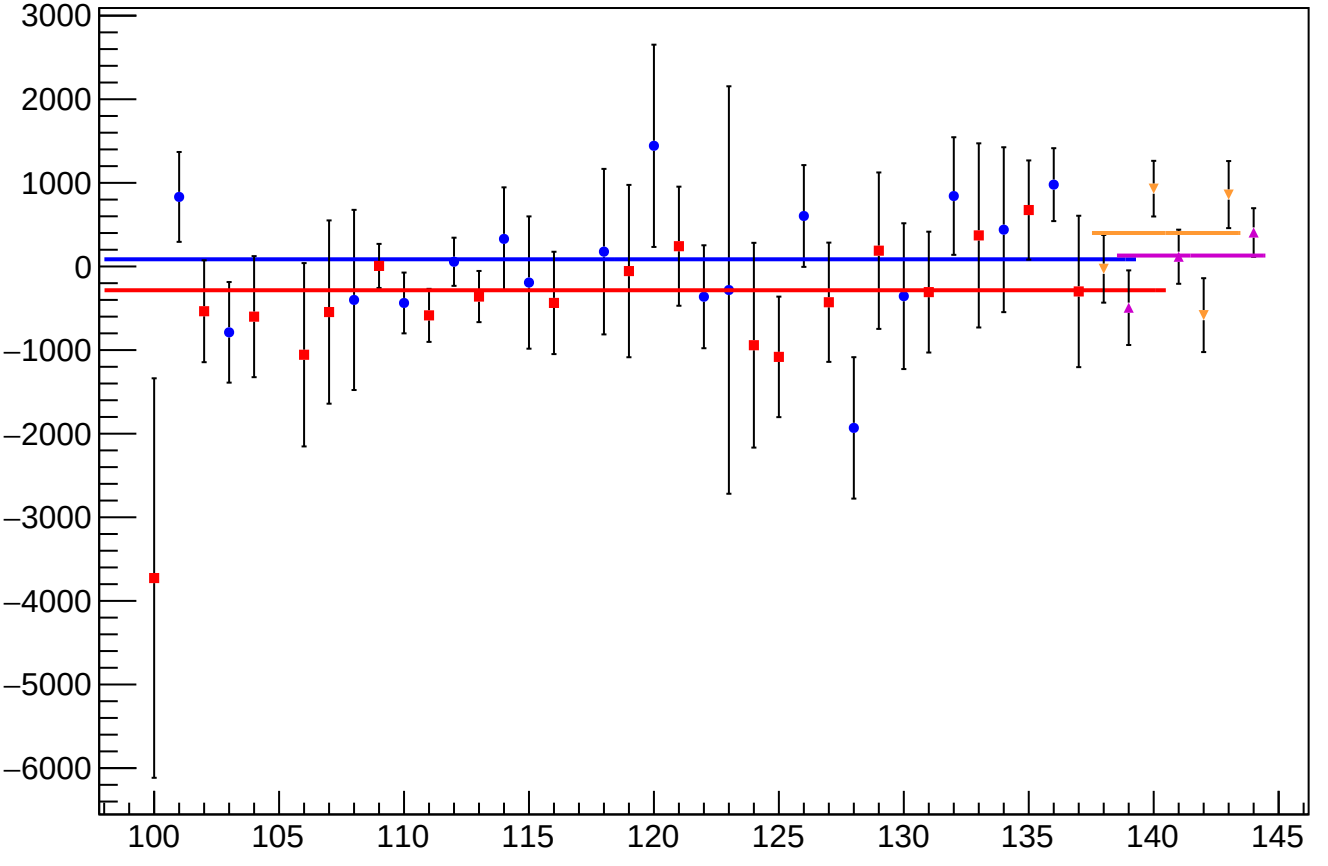
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 298.184+/-0.136 χ^2/NDF:135683.0/2

Out: 315.233+/-0.139 χ^2/NDF:36470.1/3

All: 306.524+/-0.097 χ^2/NDF: 179861.2/6

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 400.340+/-194.387 χ^2/NDF:9.9/3

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 130.536+/-194.612 χ^2/NDF:2.9/2

Left: 265.594+/-137.532 χ^2/NDF: 13.7/6

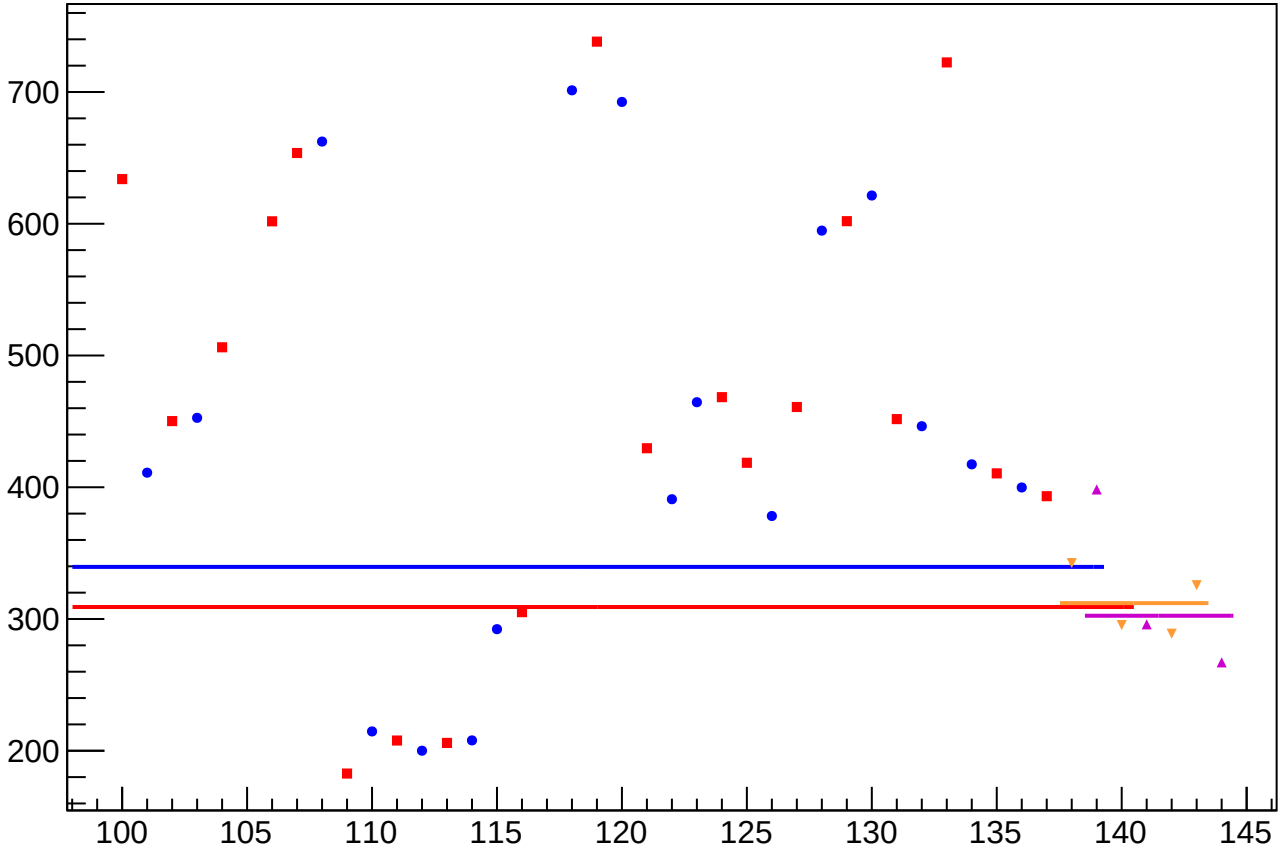
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 101.435+/-115.026 χ^2/NDF:23.4/19

Out: -73.733+/-107.831 χ^2/NDF:29.1/22

All: 8.201+/-78.669 χ^2/NDF: 53.8/42

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 312.057+/-0.137 χ^2/NDF:24080.0/3

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 302.477+/-0.138 χ^2/NDF:122703.0/2

Left: 307.272+/-0.097 χ^2/NDF: 149208.9/6

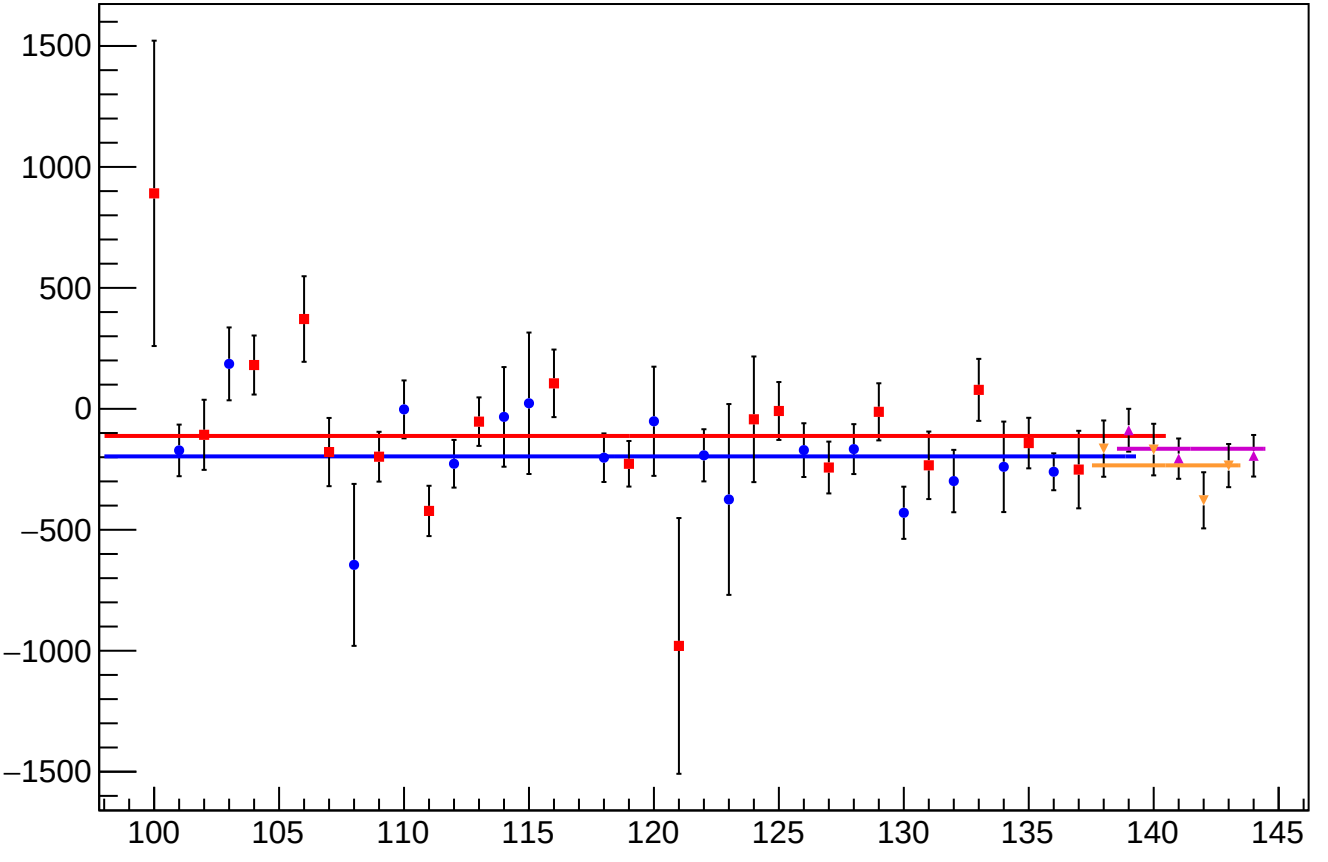
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 326.600+/-0.081 χ^2/NDF:2212177.4/19

Out: 310.013+/-0.076 χ^2/NDF:2754707.9/22

All: 317.772+/-0.056 χ^2/NDF: 4989020.8/42

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -233.672+/-52.583 χ^2/NDF:2.3/3

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -165.081+/-49.561 χ^2/NDF:1.1/2

Left: -197.349+/-36.066 χ^2/NDF: 4.3/6

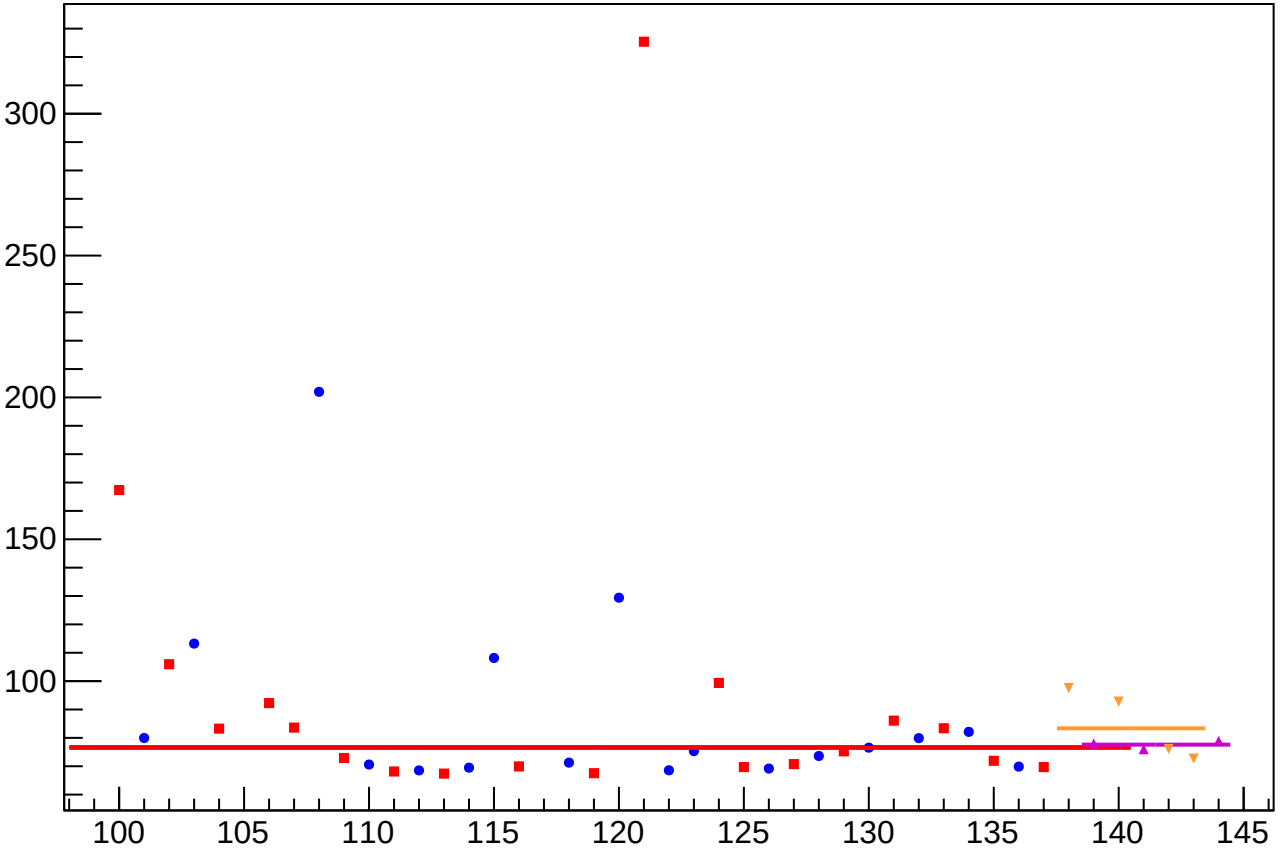
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -187.983+/-25.913 χ^2/NDF:20.4/19

Out: -141.384+/-25.808 χ^2/NDF:45.7/22

All: -164.590+/-18.286 χ^2/NDF: 67.7/42

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 83.360+/-0.037 χ^2/NDF:81838.2/3

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 77.612+/-0.035 χ^2/NDF:1243.9/2

Left: 80.316+/-0.026 χ^2/NDF: 95739.8/6

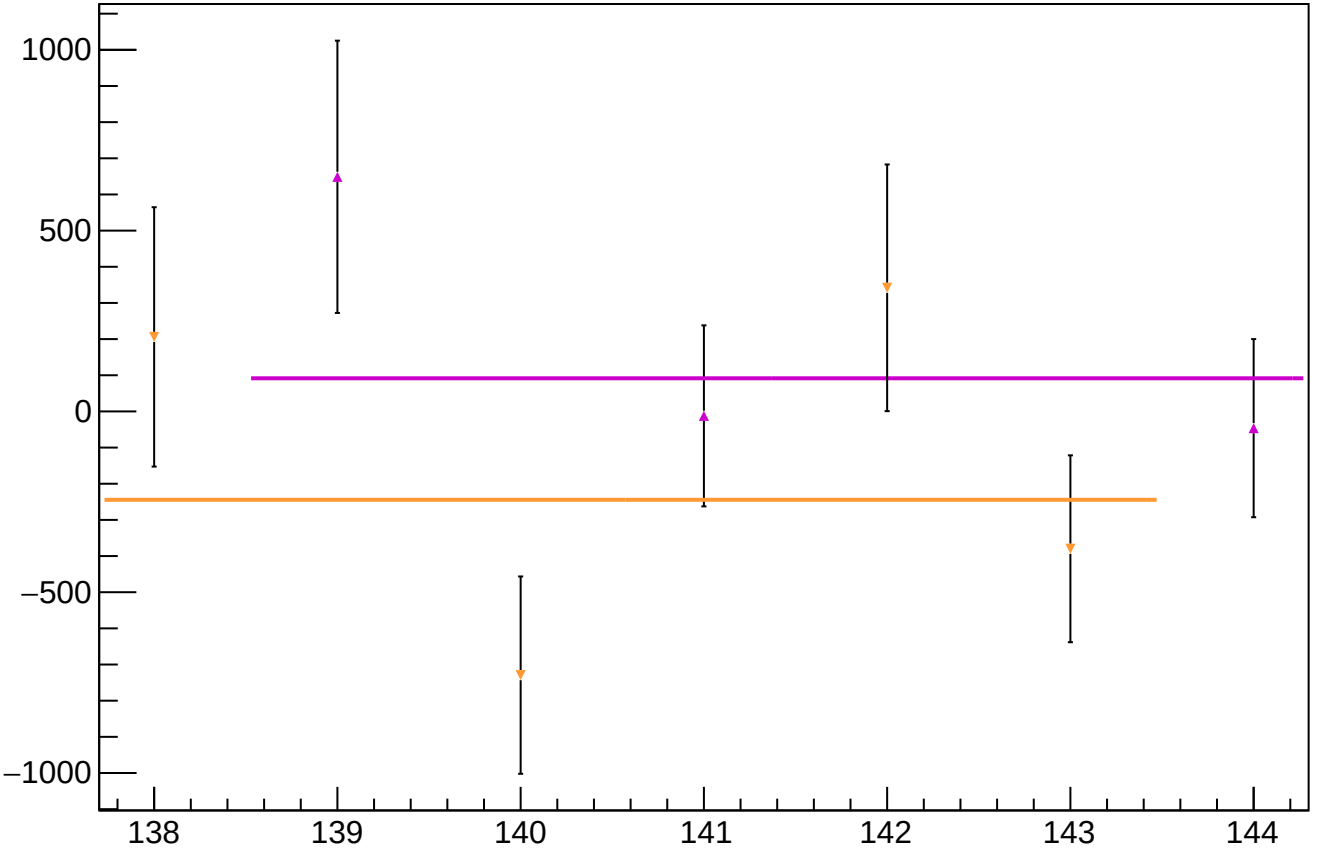
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 76.944+/-0.018 χ^2/NDF:602092.7/19

Out: 78.137+/-0.018 χ^2/NDF:807202.2/22

All: 77.543+/-0.013 χ^2/NDF: 1411423.3/42

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -244.411+/-149.446 χ^2/NDF:8.0/3

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

Left In: 91.619+/-159.125 χ^2/NDF:2.7/2

Left: -86.925+/-108.935 χ^2/NDF: 13.0/6

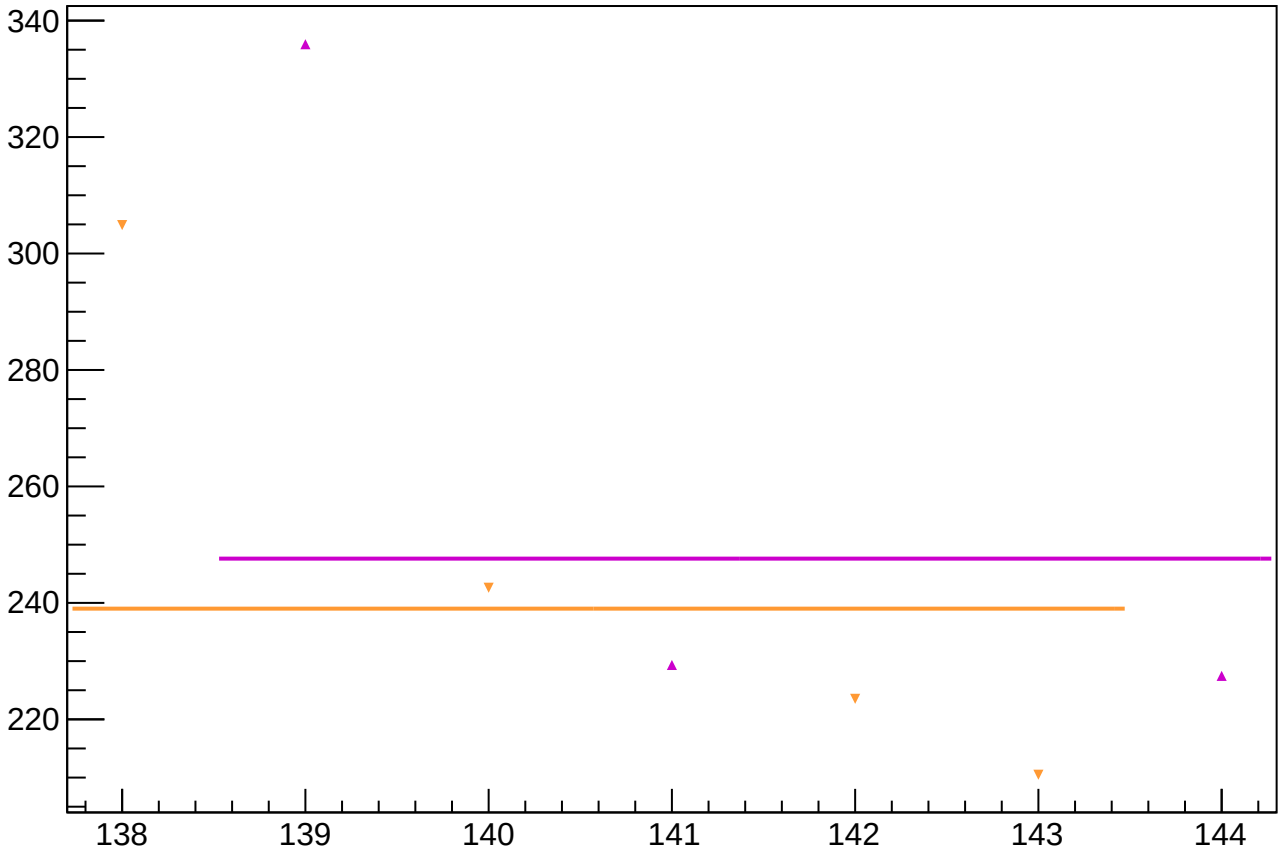
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.619+/-159.125 χ^2/NDF:2.7/2

Out: -244.411+/-149.446 χ^2/NDF:8.0/3

All: -86.925+/-108.935 χ^2/NDF: 13.0/6

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 239.012+/-0.106 χ^2/NDF:96292.6/3

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

Left In: 247.602+/-0.113 χ^2/NDF:134112.1/2

Left: 243.038+/-0.077 χ^2/NDF: 233501.2/6

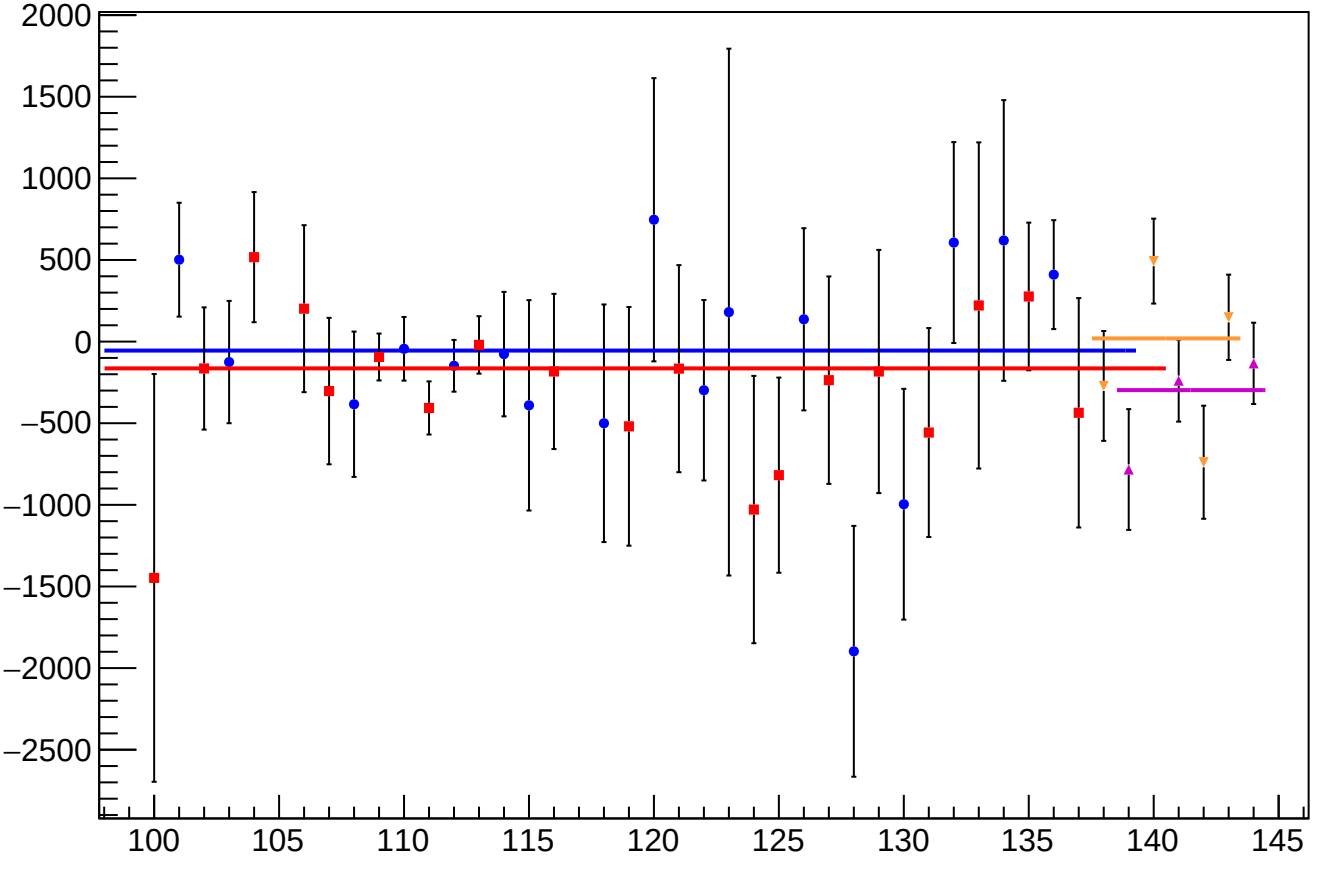
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 247.602+/-0.113 χ^2/NDF:134112.1/2

Out: 239.012+/-0.106 χ^2/NDF:96292.6/3

All: 243.038+/-0.077 χ^2/NDF: 233501.2/6

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 19.537+/-146.512 χ^2/NDF:9.1/3

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -297.084+/-159.512 χ^2/NDF:2.2/2

Left: -125.346+/-107.903 χ^2/NDF: 13.4/6

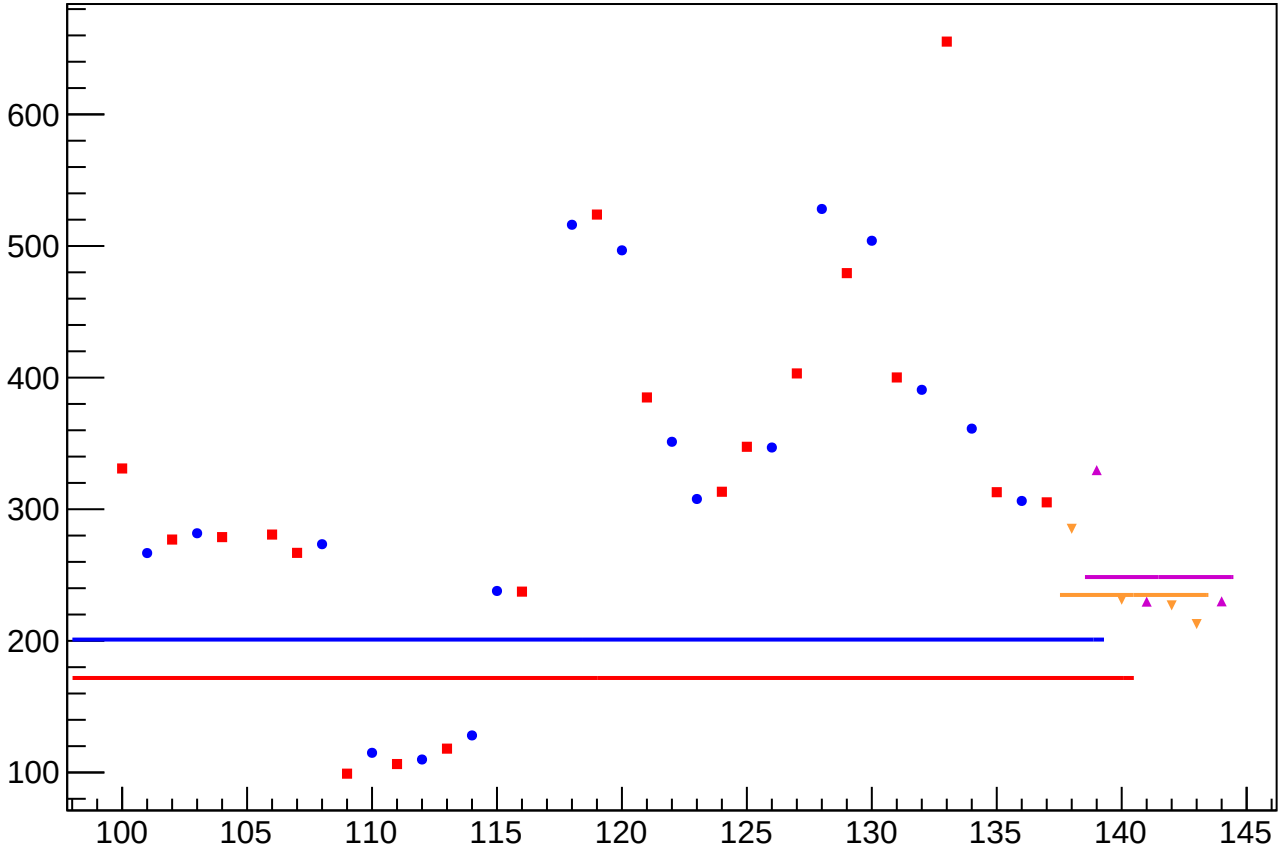
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -113.756+/-78.618 χ^2/NDF:20.5/19

Out: -124.466+/-68.093 χ^2/NDF:22.2/22

All: -119.875+/-51.471 χ^2/NDF: 42.7/42

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 234.881+/-0.104 χ^2/NDF:60394.6/3

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 248.483+/-0.113 χ^2/NDF:118528.5/2

Left: 241.105+/-0.076 χ^2/NDF: 186810.4/6

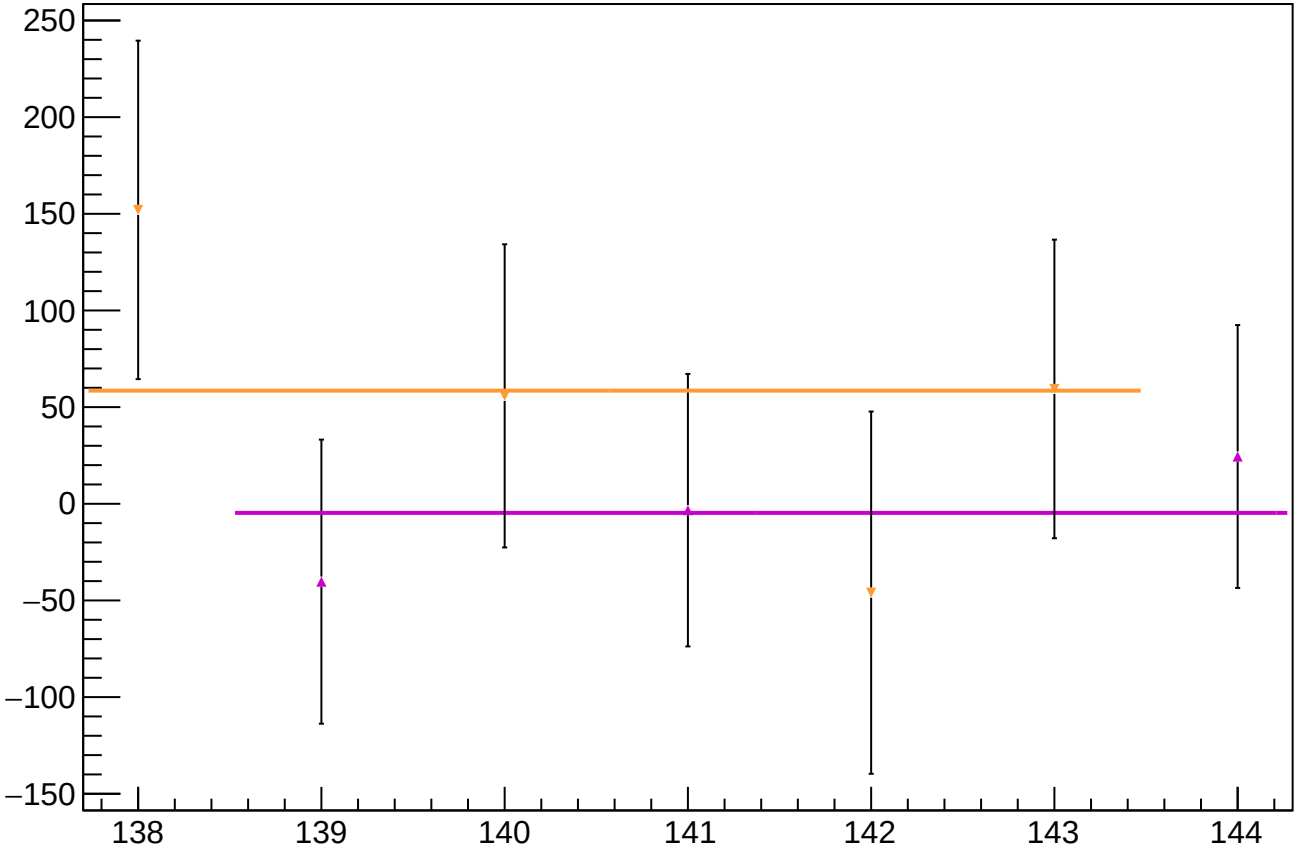
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 212.512+/-0.056 χ^2/NDF:3689018.5/19

Out: 185.421+/-0.048 χ^2/NDF:4443758.8/22

All: 197.033+/-0.036 χ^2/NDF: 8268472.2/42

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 58.534+/-41.713 χ^2/NDF:2.4/3

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

Left In: -4.702+/-40.727 χ^2/NDF:0.4/2

Left: 26.160+/-29.141 χ^2/NDF: 4.0/6

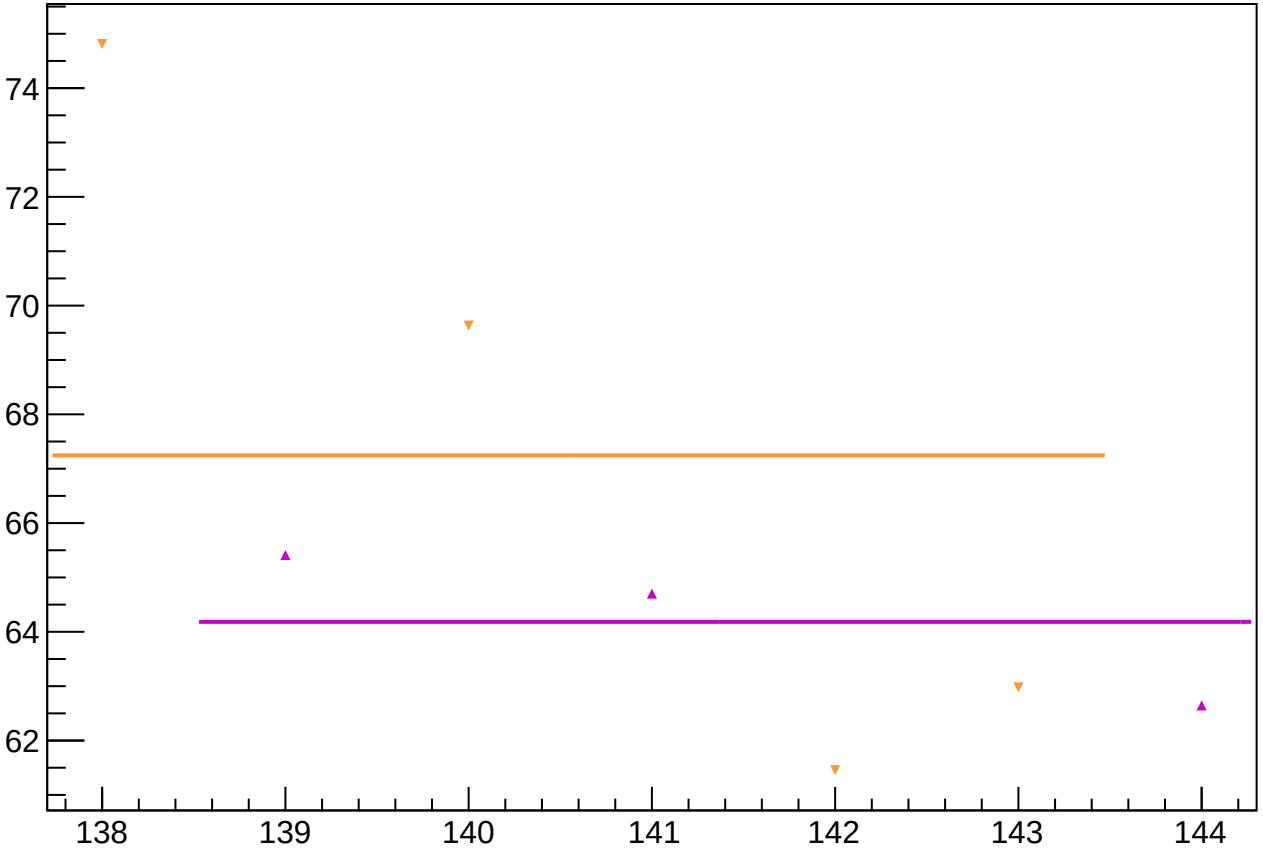
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.702+/-40.727 χ^2/NDF:0.4/2

Out: 58.534+/-41.713 χ^2/NDF:2.4/3

All: 26.160+/-29.141 χ^2/NDF: 4.0/6

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 67.246+/-0.029 χ^2/NDF:30538.6/3

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

Left In: 64.183+/-0.029 χ^2/NDF:1690.6/2

Left: 65.678+/-0.021 χ^2/NDF: 37748.9/6

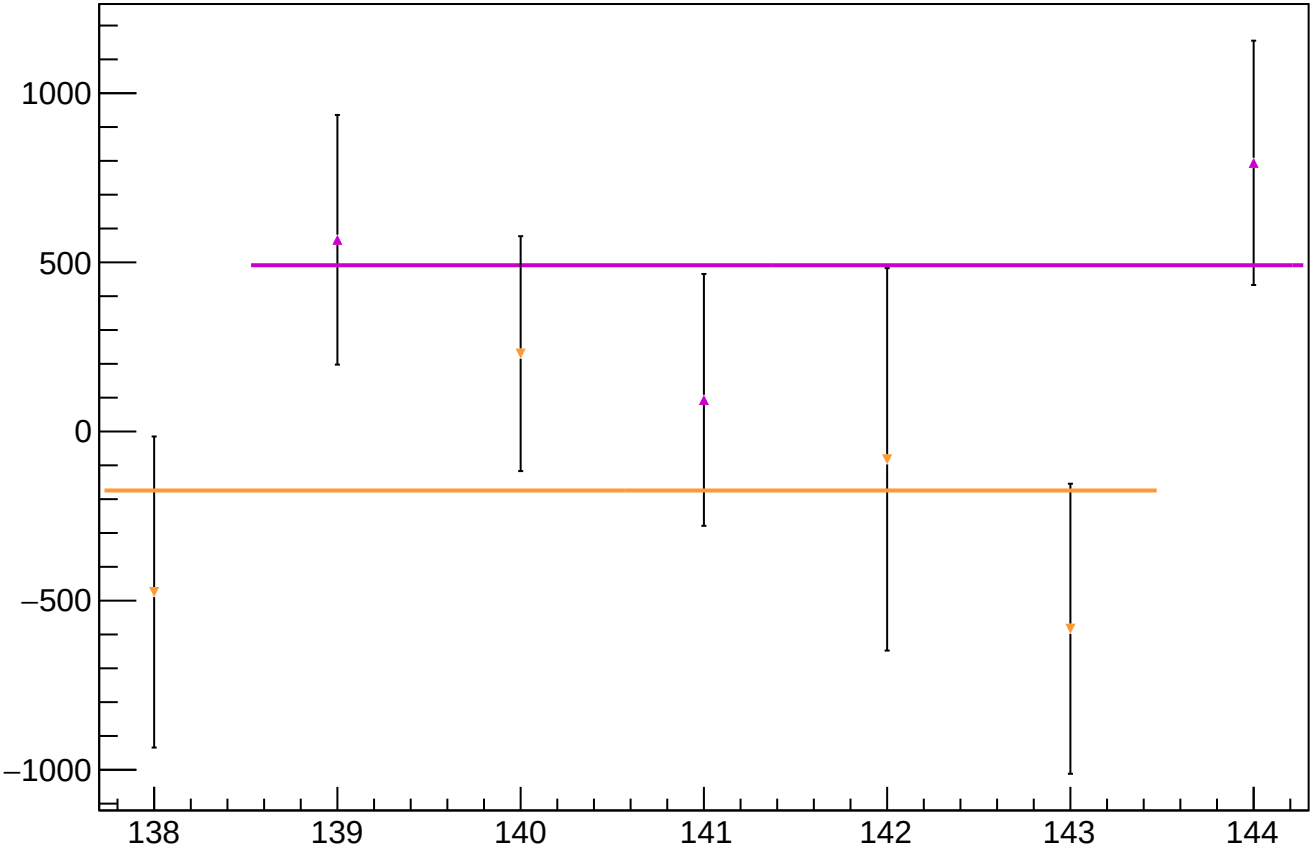
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 64.183+/-0.029 χ^2/NDF:1690.6/2

Out: 67.246+/-0.029 χ^2/NDF:30538.6/3

All: 65.678+/-0.021 χ^2/NDF: 37748.9/6

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -174.338+/-215.180 χ^2/NDF:2.7/3

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

Left In: 491.517+/-212.101 χ^2/NDF:1.9/2

Left: 163.387+/-151.055 χ^2/NDF: 9.5/6

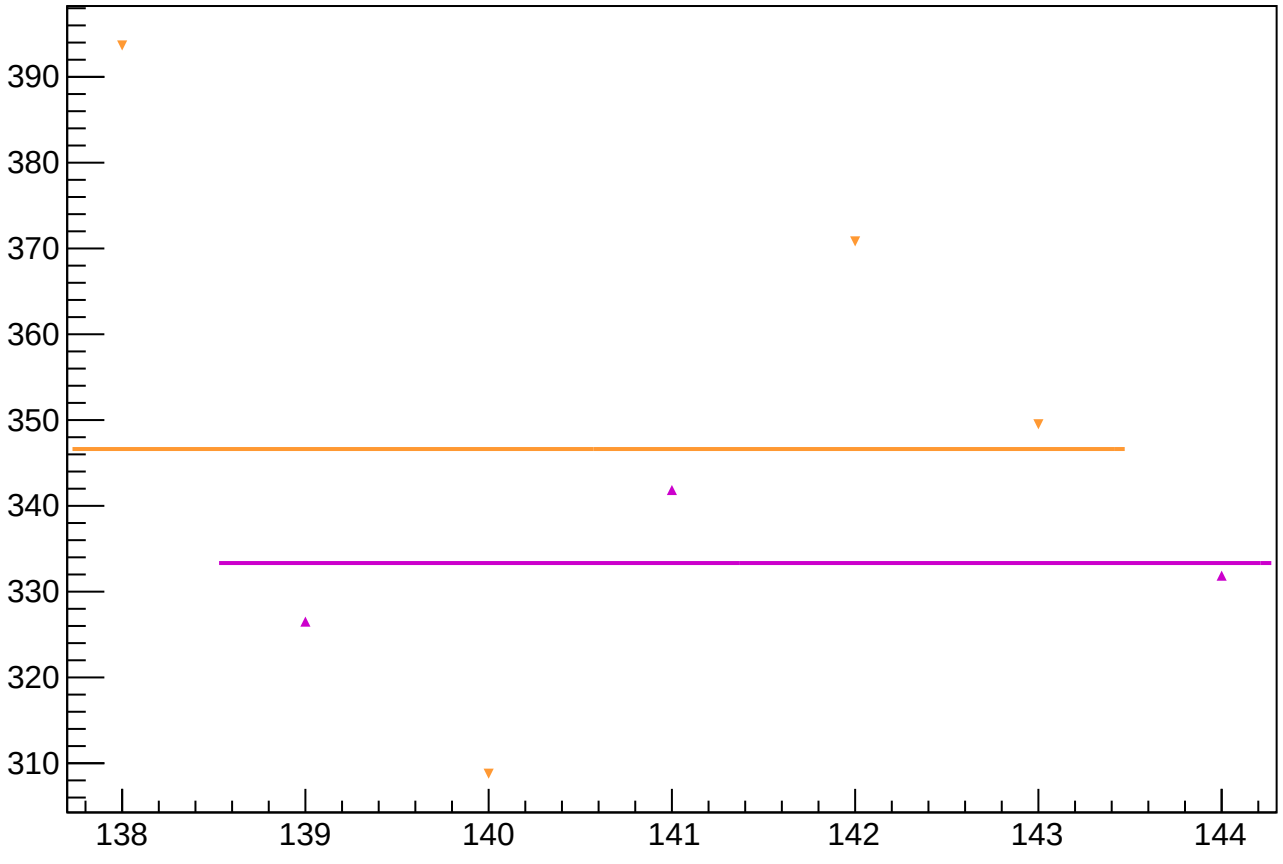
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 491.517+/-212.101 χ^2/NDF:1.9/2

Out: -174.338+/-215.180 χ^2/NDF:2.7/3

All: 163.387+/-151.055 χ^2/NDF: 9.5/6

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 346.624+/-0.152 χ^2/NDF:48452.0/3

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

Left In: 333.334+/-0.150 χ^2/NDF:1763.8/2

Left: 339.883+/-0.107 χ^2/NDF: 54085.3/6

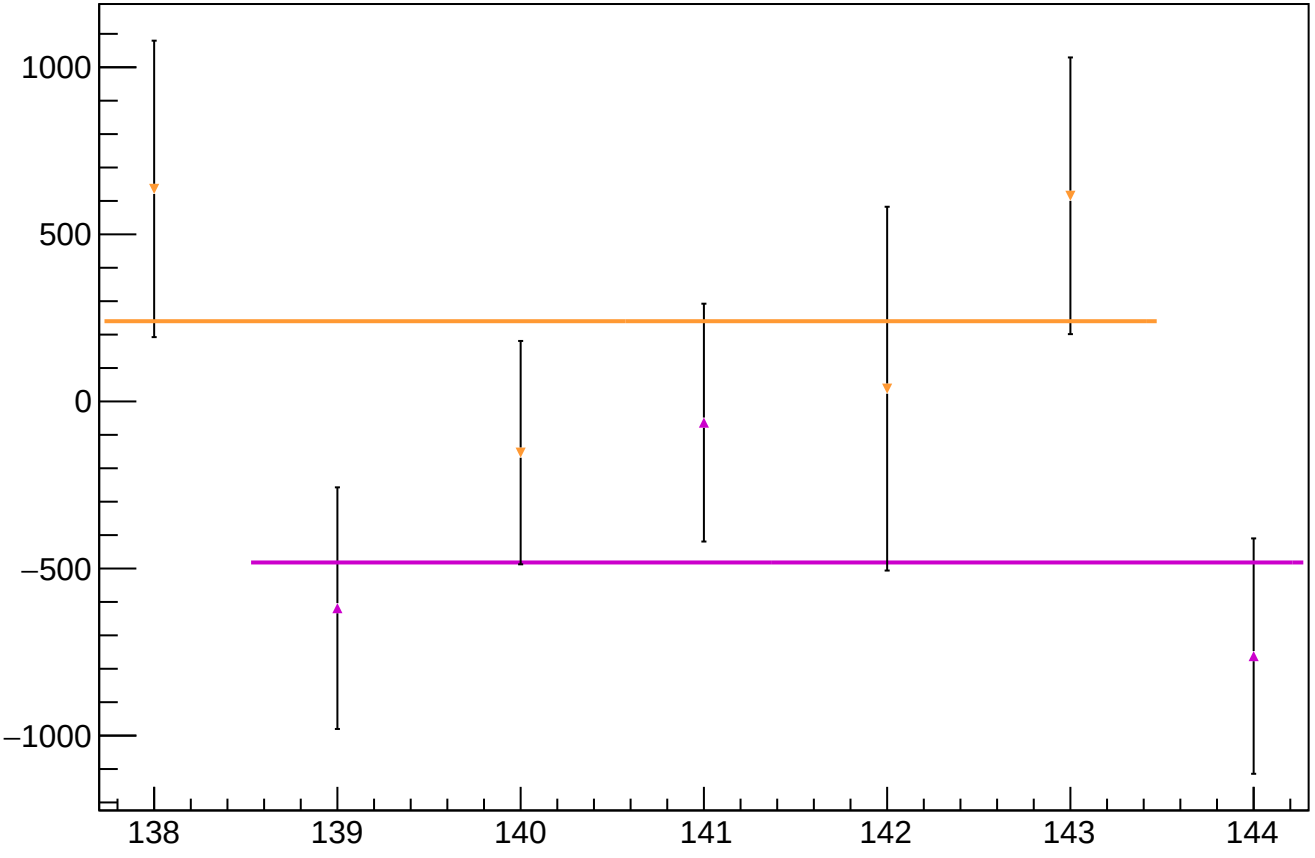
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 333.334+/-0.150 χ^2/NDF:1763.8/2

Out: 346.624+/-0.152 χ^2/NDF:48452.0/3

All: 339.883+/-0.107 χ^2/NDF: 54085.3/6

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 240.101+/-207.413 χ^2/NDF:3.1/3

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

Left In: -481.890+/-205.811 χ^2/NDF:2.2/2

Left: -123.692+/-146.094 χ^2/NDF: 11.4/6

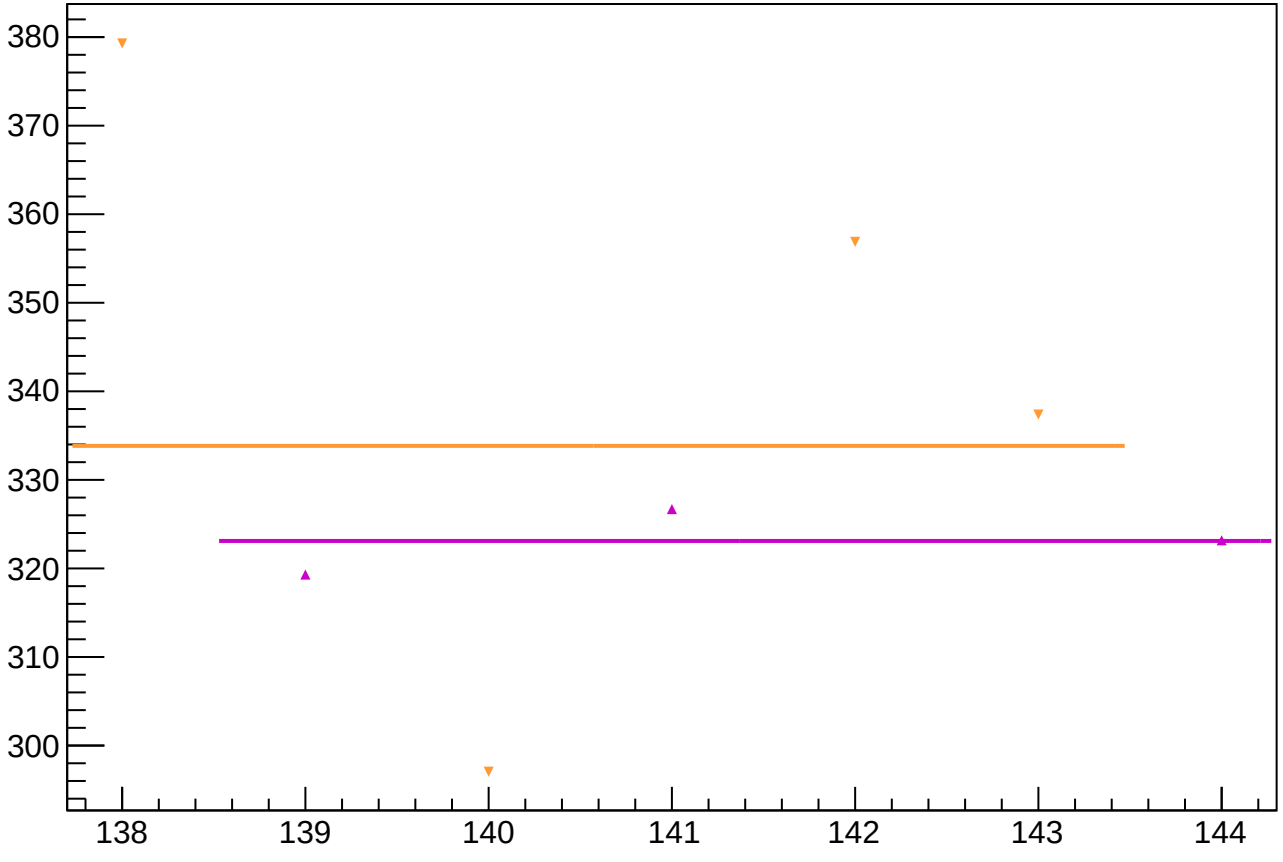
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -481.890+/-205.811 χ^2/NDF:2.2/2

Out: 240.101+/-207.413 χ^2/NDF:3.1/3

All: -123.692+/-146.094 χ^2/NDF: 11.4/6

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 333.840+/-0.147 χ^2/NDF:48960.4/3

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

Left In: 323.105+/-0.146 χ^2/NDF:425.1/2

Left: 328.431+/-0.103 χ^2/NDF: 52085.2/6

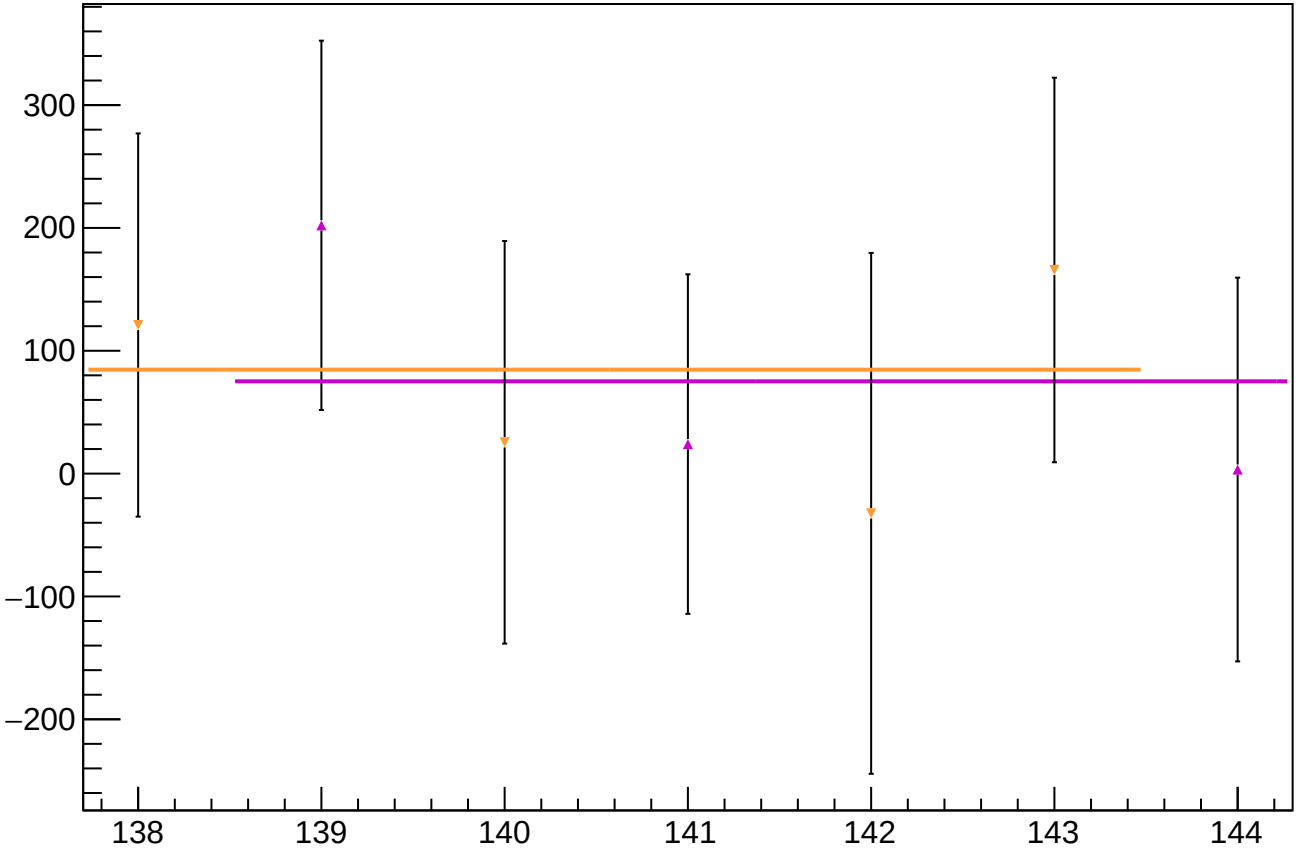
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 323.105+/-0.146 χ^2/NDF:425.1/2

Out: 333.840+/-0.147 χ^2/NDF:48960.4/3

All: 328.431+/-0.103 χ^2/NDF: 52085.2/6

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 84.628+/-84.099 χ^2/NDF:0.8/3

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

Left In: 75.140+/-85.253 χ^2/NDF:1.1/2

Left: 79.949+/-59.871 χ^2/NDF: 1.8/6

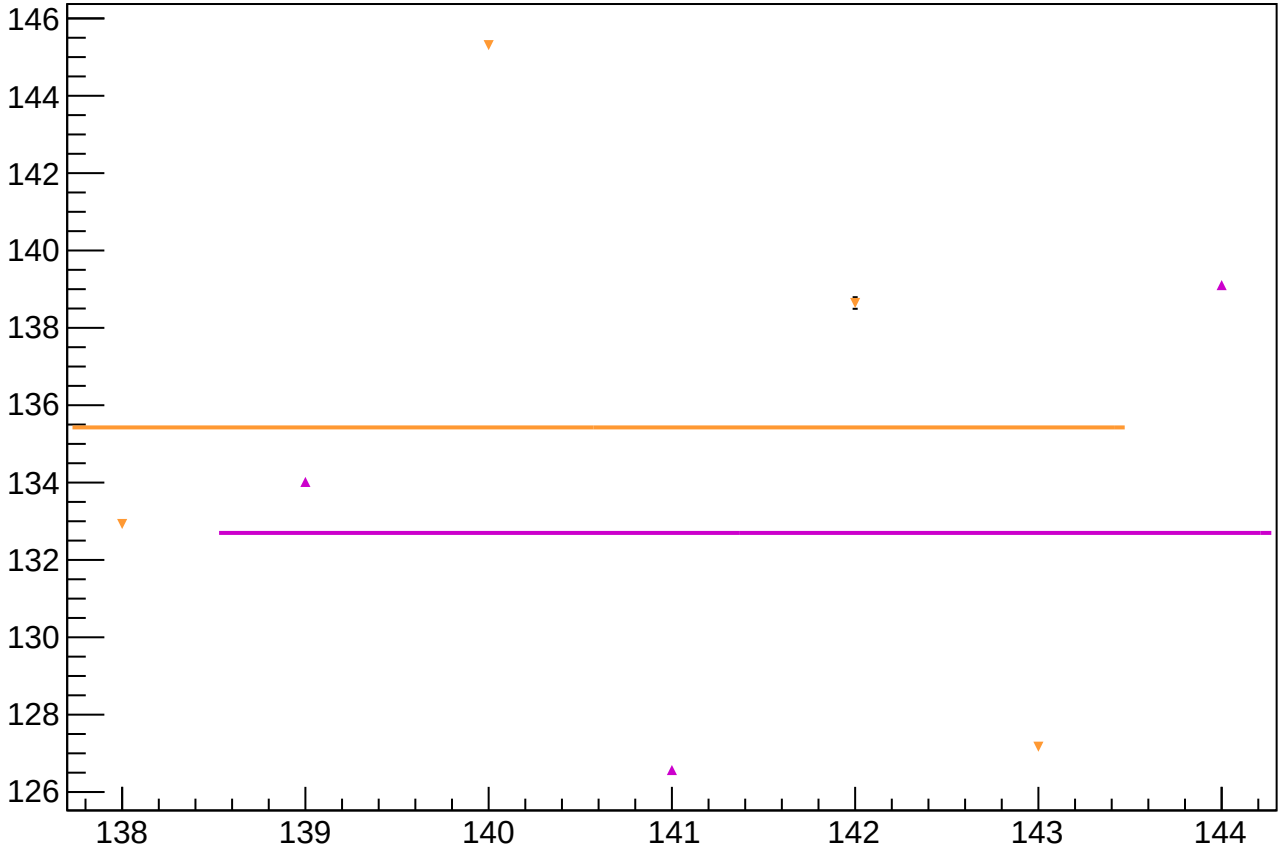
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 75.140+/-85.253 χ^2/NDF:1.1/2

Out: 84.628+/-84.099 χ^2/NDF:0.8/3

All: 79.949+/-59.871 χ^2/NDF: 1.8/6

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 135.426+/-0.059 χ^2/NDF:13807.3/3

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

Left In: 132.698+/-0.060 χ^2/NDF:7452.6/2

Left: 134.081+/-0.042 χ^2/NDF: 22297.5/6

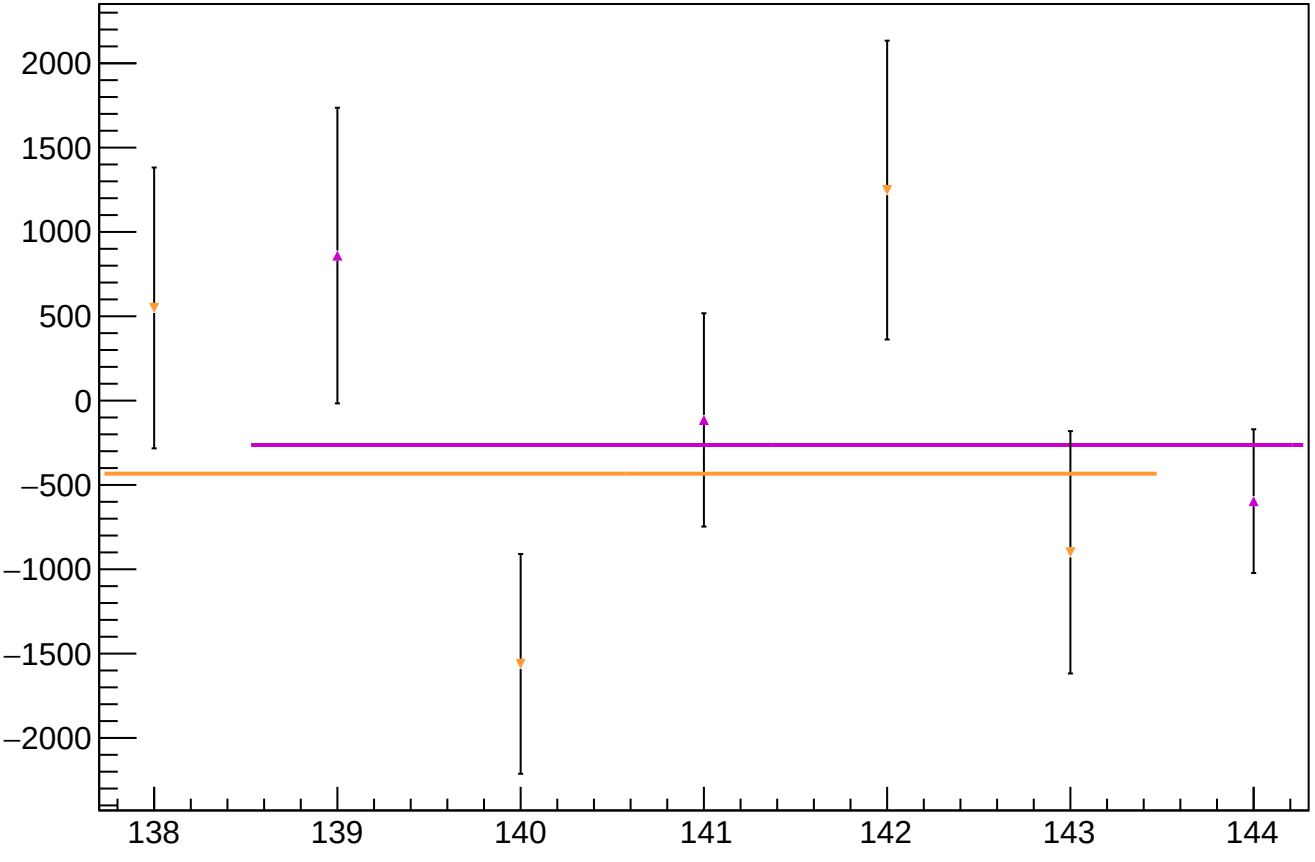
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 132.698+/-0.060 χ^2/NDF:7452.6/2

Out: 135.426+/-0.059 χ^2/NDF:13807.3/3

All: 134.081+/-0.042 χ^2/NDF: 22297.5/6

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -433.098+/-377.696 χ^2/NDF:8.4/3

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

Left In: -263.134+/-327.704 χ^2/NDF:2.3/2

Left: -336.131+/-247.523 χ^2/NDF: 10.8/6

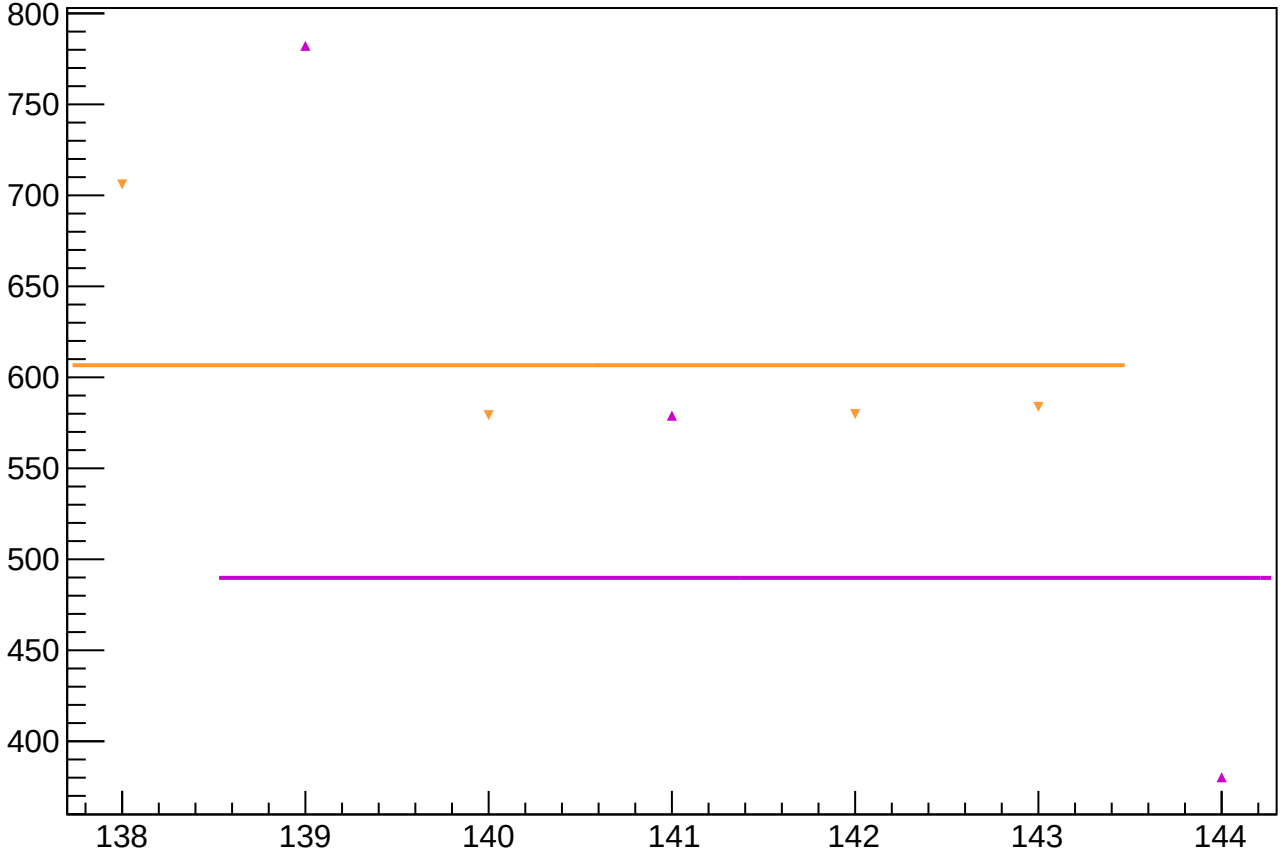
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -263.134+/-327.704 χ^2/NDF:2.3/2

Out: -433.098+/-377.696 χ^2/NDF:8.4/3

All: -336.131+/-247.523 χ^2/NDF: 10.8/6

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 606.662+/-0.267 χ^2/NDF:35896.4/3

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

Left In: 489.800+/-0.232 χ^2/NDF:394665.1/2

Left: 539.991+/-0.175 χ^2/NDF: 539795.5/6

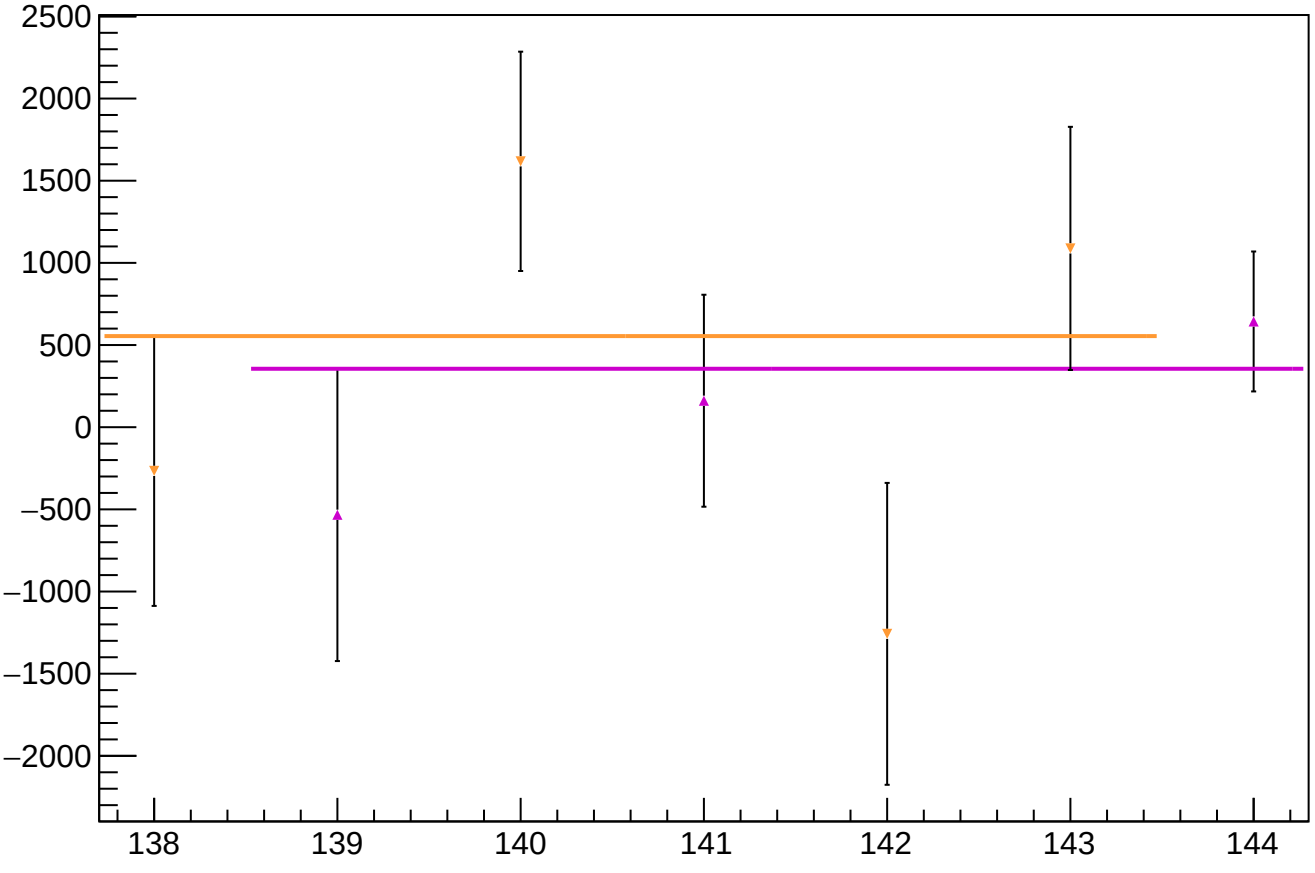
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 489.800+/-0.232 χ^2/NDF:394665.1/2

Out: 606.662+/-0.267 χ^2/NDF:35896.4/3

All: 539.991+/-0.175 χ^2/NDF: 539795.5/6

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 554.397+/-385.228 χ^2/NDF:7.9/3

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

Left In: 355.604+/-330.029 χ^2/NDF:1.5/2

Left: 439.750+/-250.630 χ^2/NDF: 9.6/6

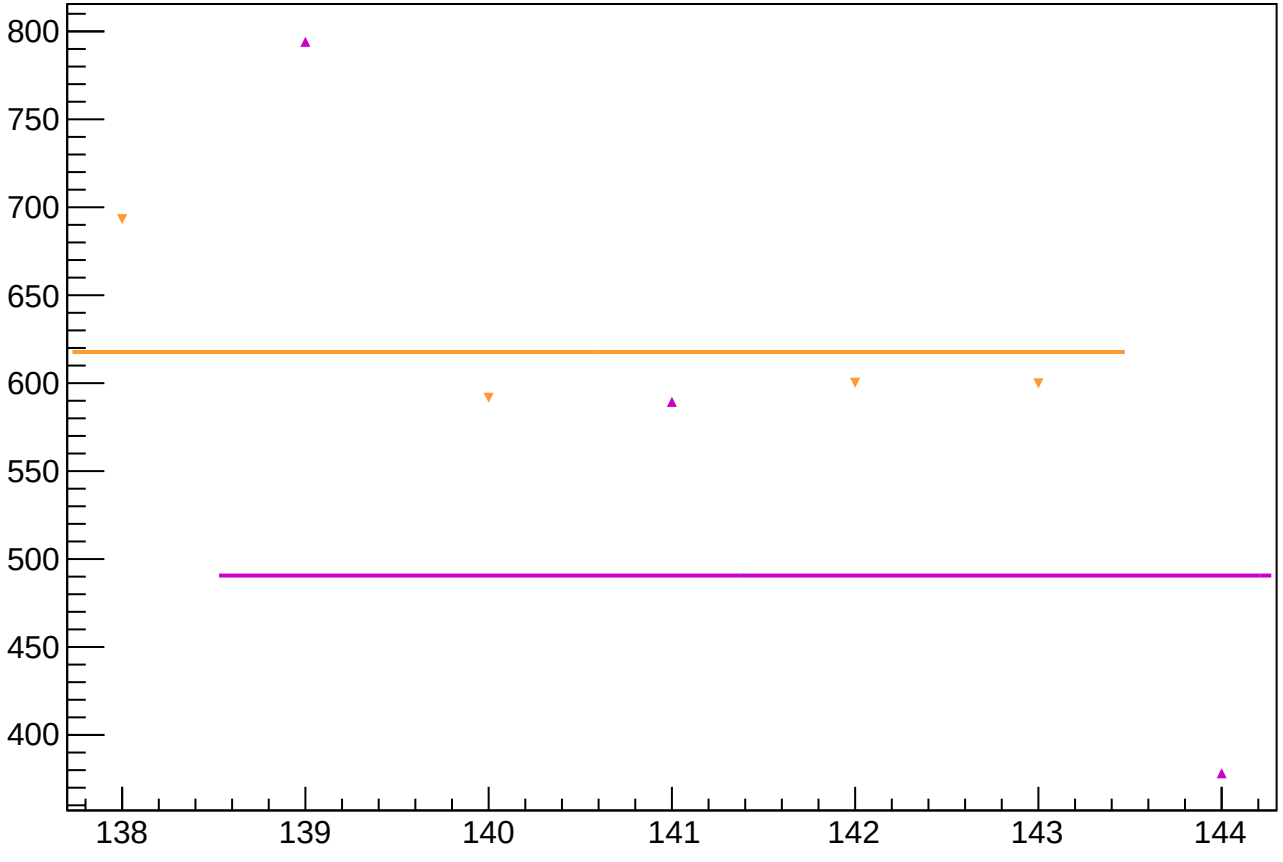
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 355.604+/-330.029 χ^2/NDF:1.5/2

Out: 554.397+/-385.228 χ^2/NDF:7.9/3

All: 439.750+/-250.630 χ^2/NDF: 9.6/6

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 617.715+/-0.272 χ^2/NDF:21830.1/3

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

Left In: 490.626+/-0.233 χ^2/NDF:418571.8/2

Left: 544.421+/-0.177 χ^2/NDF: 565940.4/6

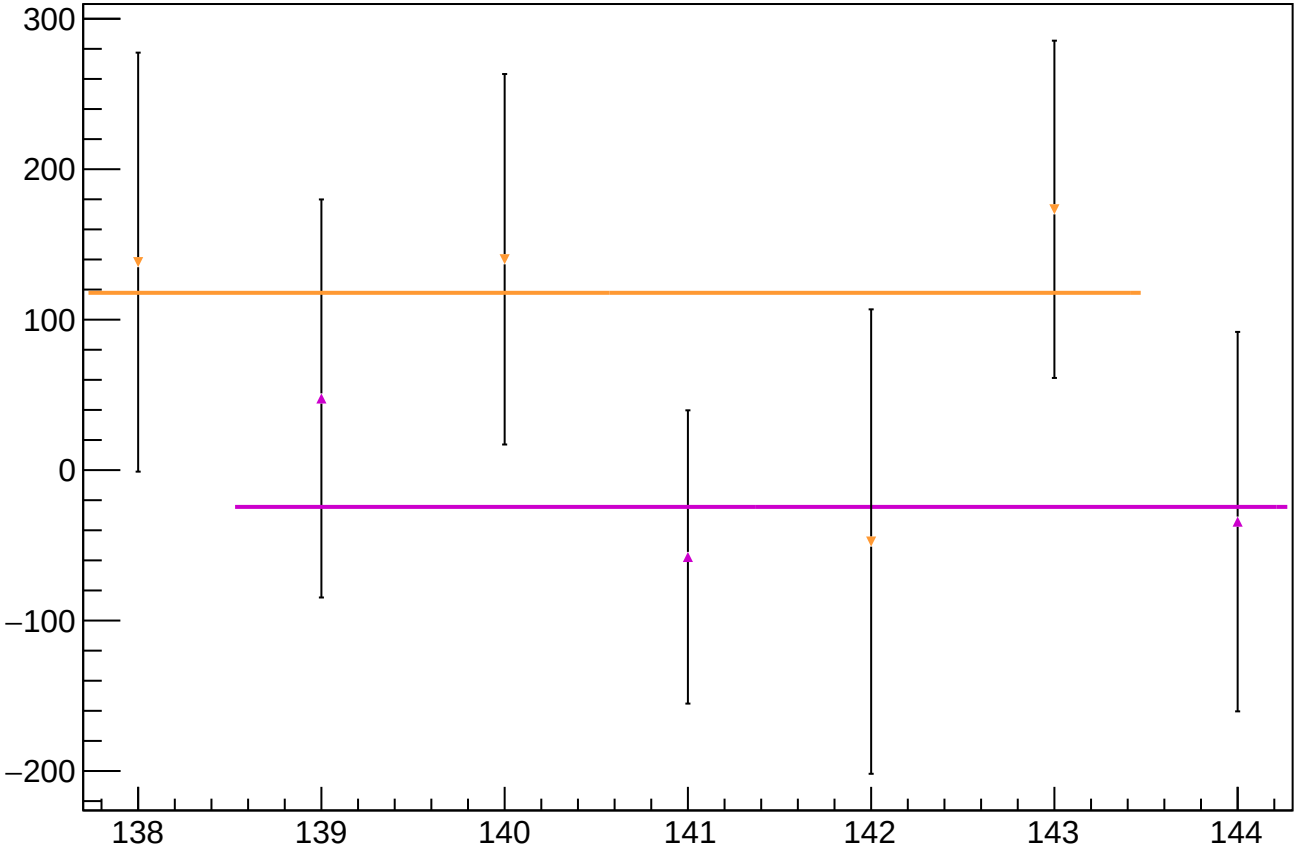
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 490.626+/-0.233 χ^2/NDF:418571.8/2

Out: 617.715+/-0.272 χ^2/NDF:21830.1/3

All: 544.421+/-0.177 χ^2/NDF: 565940.4/6

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 117.846+/-64.672 χ^2/NDF:1.4/3

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

Left In: -24.453+/-66.626 χ^2/NDF:0.4/2

Left: 48.814+/-46.406 χ^2/NDF: 4.2/6

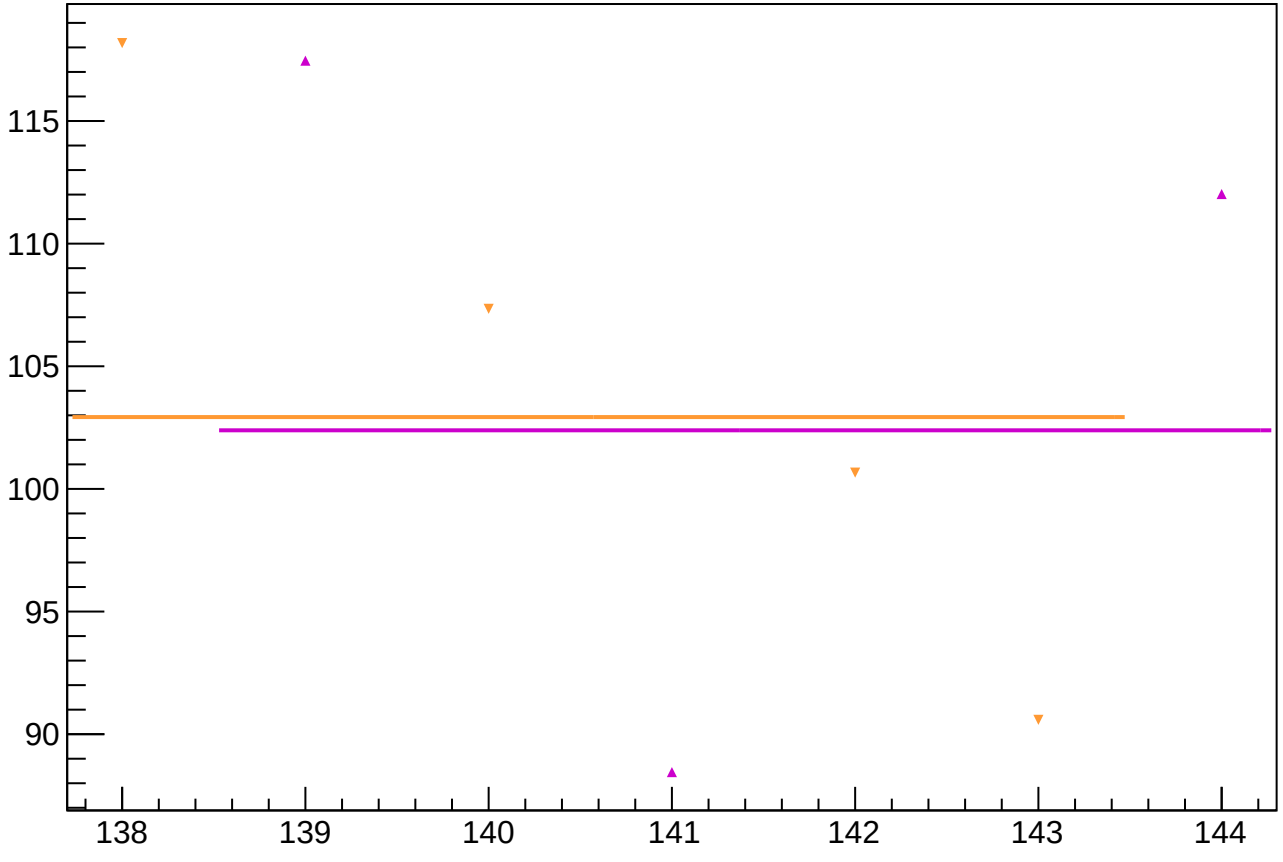
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.453+/-66.626 χ^2/NDF:0.4/2

Out: 117.846+/-64.672 χ^2/NDF:1.4/3

All: 48.814+/-46.406 χ^2/NDF: 4.2/6

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 102.929+/-0.046 χ^2/NDF:51233.6/3

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

Left In: 102.389+/-0.047 χ^2/NDF:78505.7/2

Left: 102.667+/-0.033 χ^2/NDF: 129806.8/6

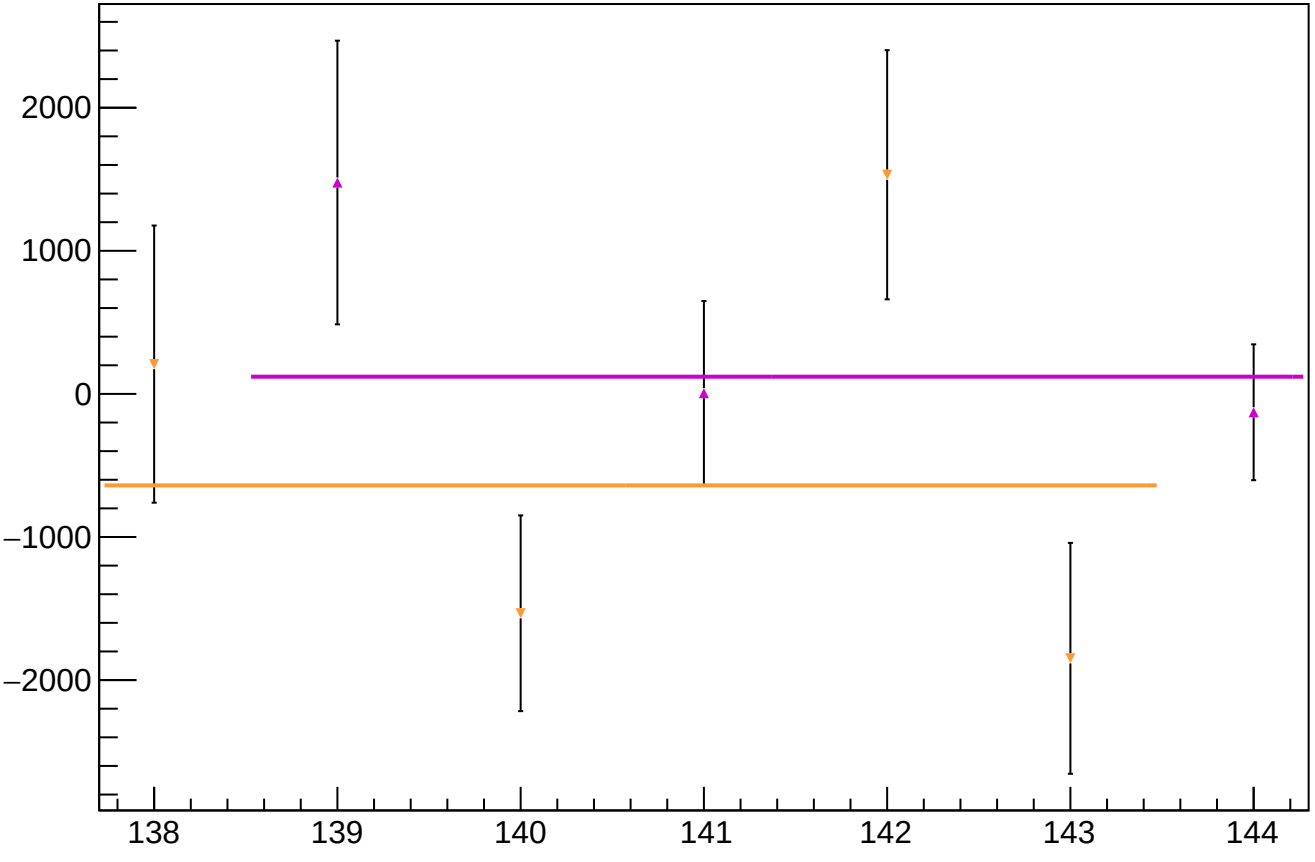
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 102.389+/-0.047 χ^2/NDF:78505.7/2

Out: 102.929+/-0.046 χ^2/NDF:51233.6/3

All: 102.667+/-0.033 χ^2/NDF: 129806.8/6

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -639.236+/-406.244 χ^2/NDF:10.9/3

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

Left In: 120.290+/-356.490 χ^2/NDF:2.2/2

Left: -210.139+/-267.950 χ^2/NDF: 15.1/6

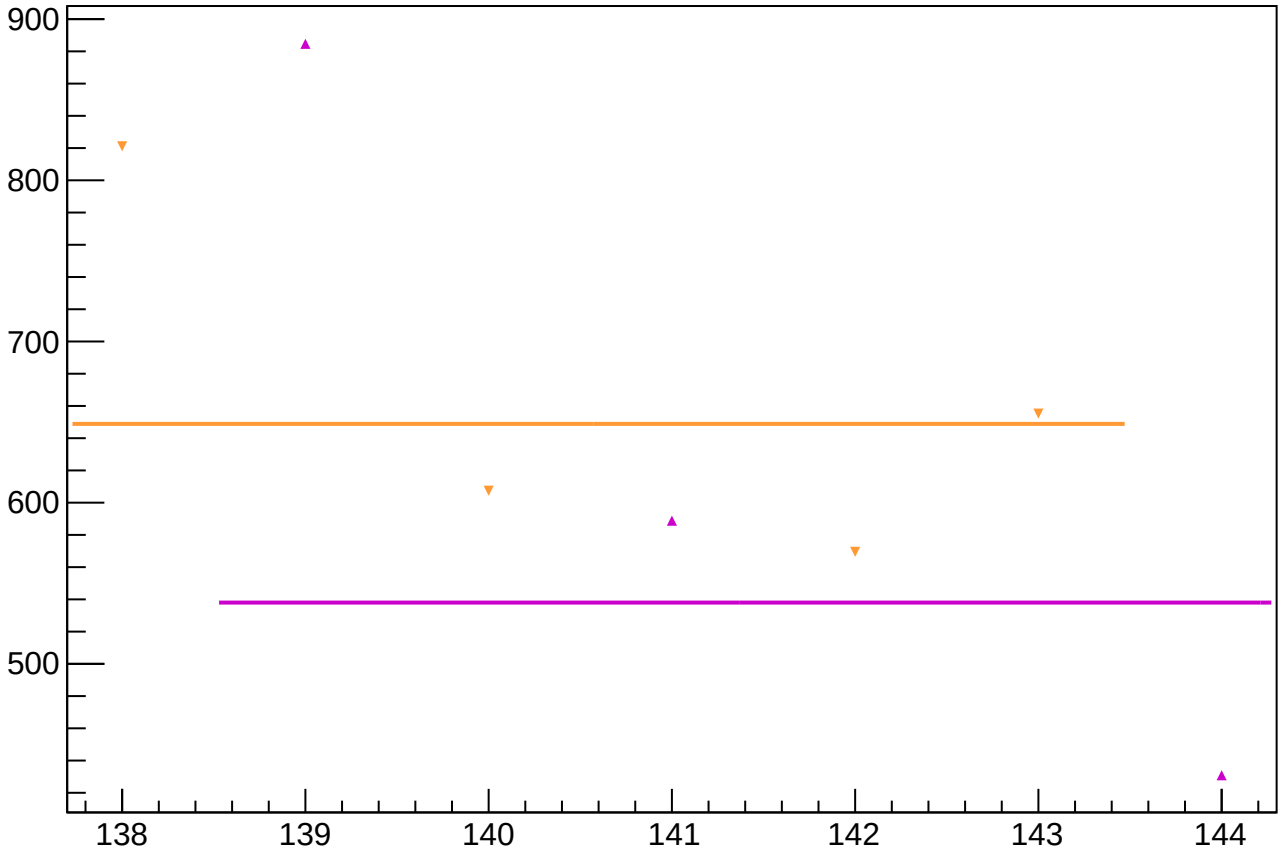
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 120.290+/-356.490 χ^2/NDF:2.2/2

Out: -639.236+/-406.244 χ^2/NDF:10.9/3

All: -210.139+/-267.950 χ^2/NDF: 15.1/6

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 648.873+/-0.287 χ^2/NDF:87345.2/3

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

Left In: 538.011+/-0.252 χ^2/NDF:358942.6/2

Left: 586.241+/-0.189 χ^2/NDF: 530434.5/6

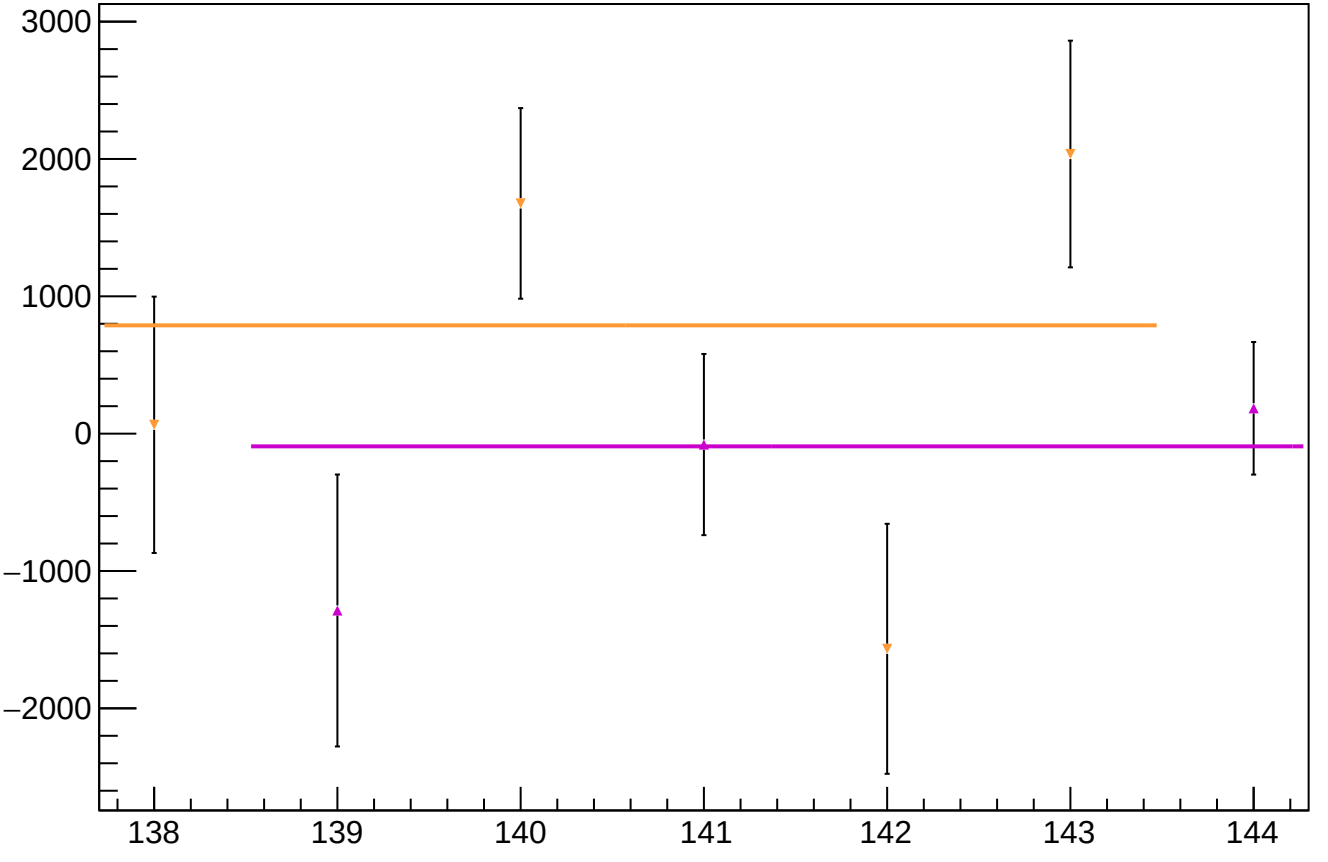
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 538.011+/-0.252 χ^2/NDF:358942.6/2

Out: 648.873+/-0.287 χ^2/NDF:87345.2/3

All: 586.241+/-0.189 χ^2/NDF: 530434.5/6

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 788.594+/-411.692 χ^2/NDF:11.2/3

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

Left In: -92.502+/-362.461 χ^2/NDF:1.8/2

Left: 292.240+/-272.048 χ^2/NDF: 15.6/6

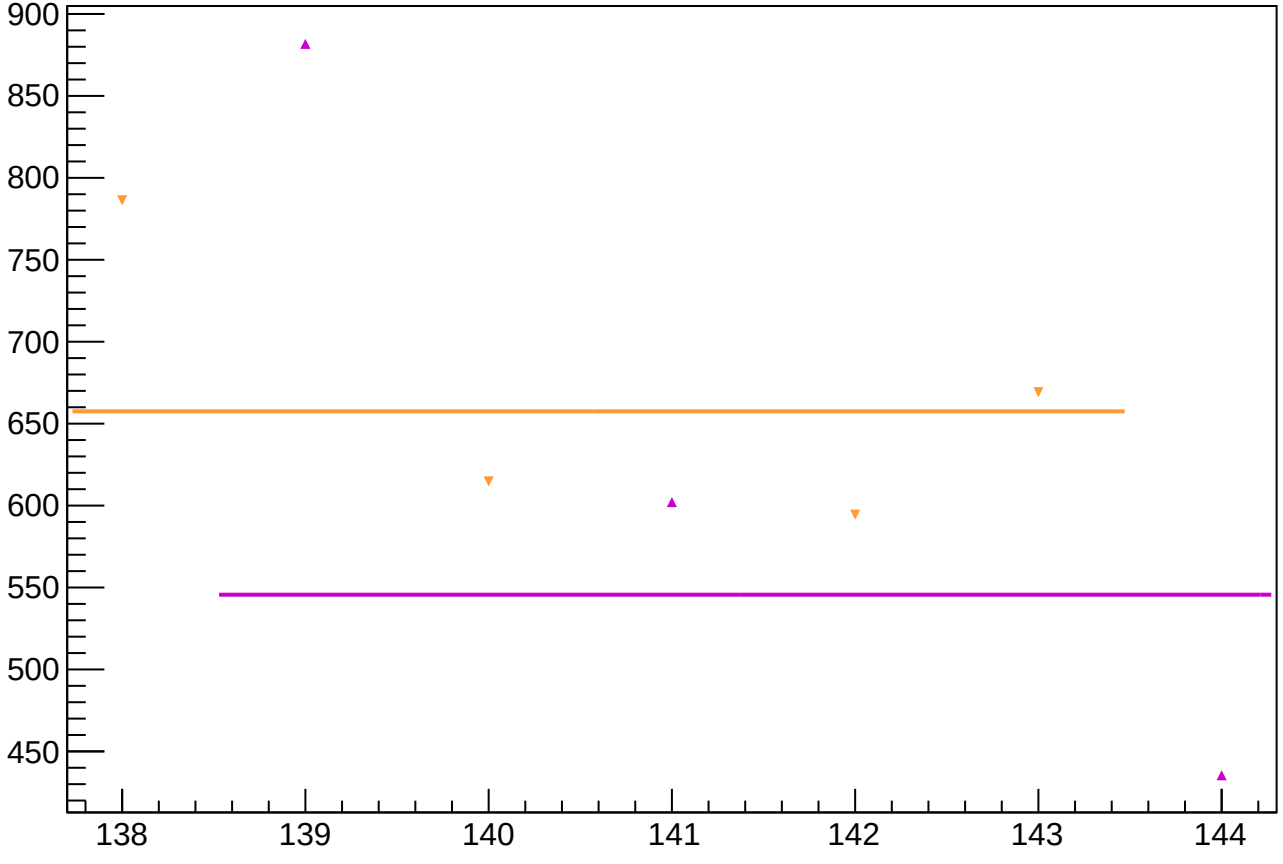
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -92.502+/-362.461 χ^2/NDF:1.8/2

Out: 788.594+/-411.692 χ^2/NDF:11.2/3

All: 292.240+/-272.048 χ^2/NDF: 15.6/6

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 657.527+/-0.291 χ^2/NDF:55668.0/3

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

Left In: 545.614+/-0.256 χ^2/NDF:349481.9/2

Left: 594.482+/-0.192 χ^2/NDF: 488406.3/6

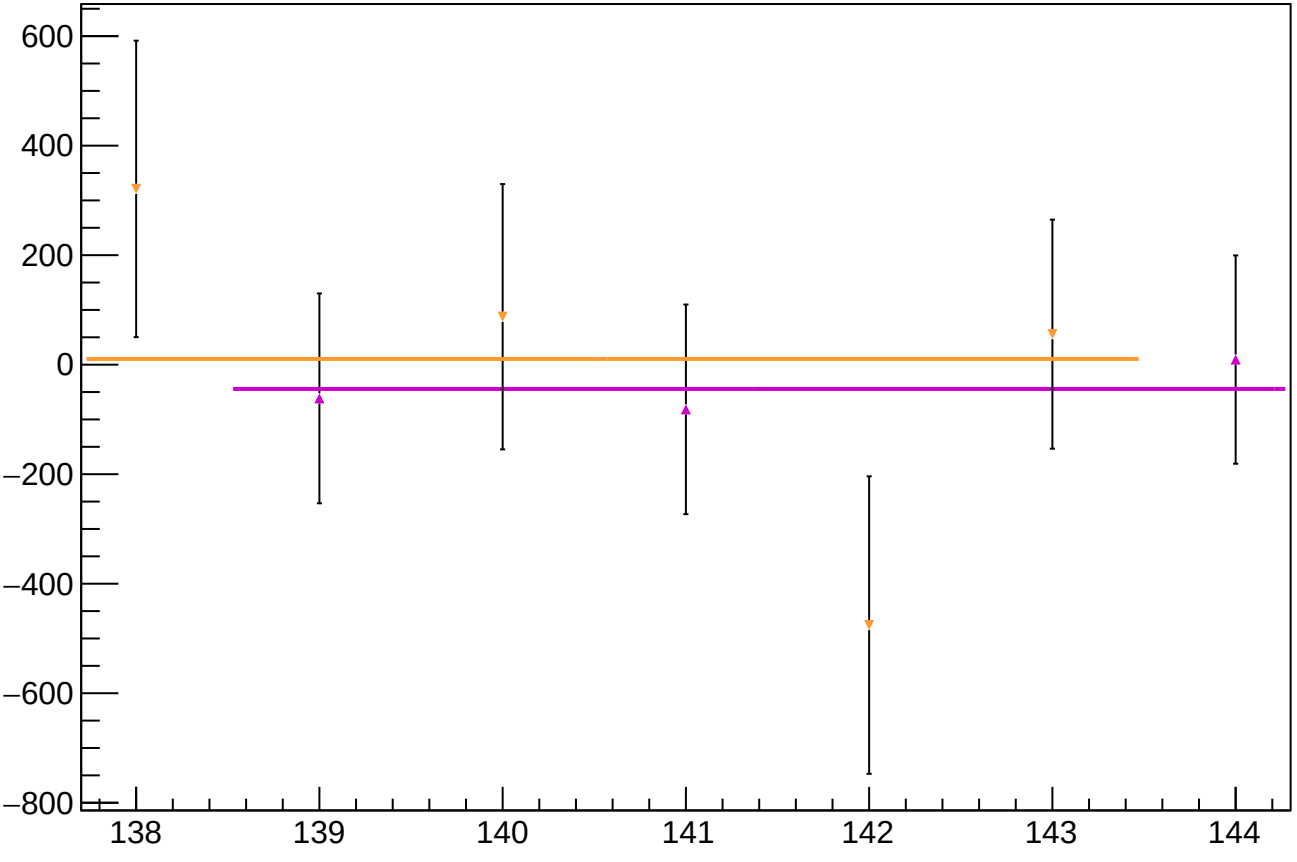
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 545.614+/-0.256 χ^2/NDF:349481.9/2

Out: 657.527+/-0.291 χ^2/NDF:55668.0/3

All: 594.482+/-0.192 χ^2/NDF: 488406.3/6

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 10.481+/-122.086 χ^2/NDF:4.7/3

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

Left In: -44.330+/-110.321 χ^2/NDF:0.1/2

Left: -19.692+/-81.853 χ^2/NDF: 4.9/6

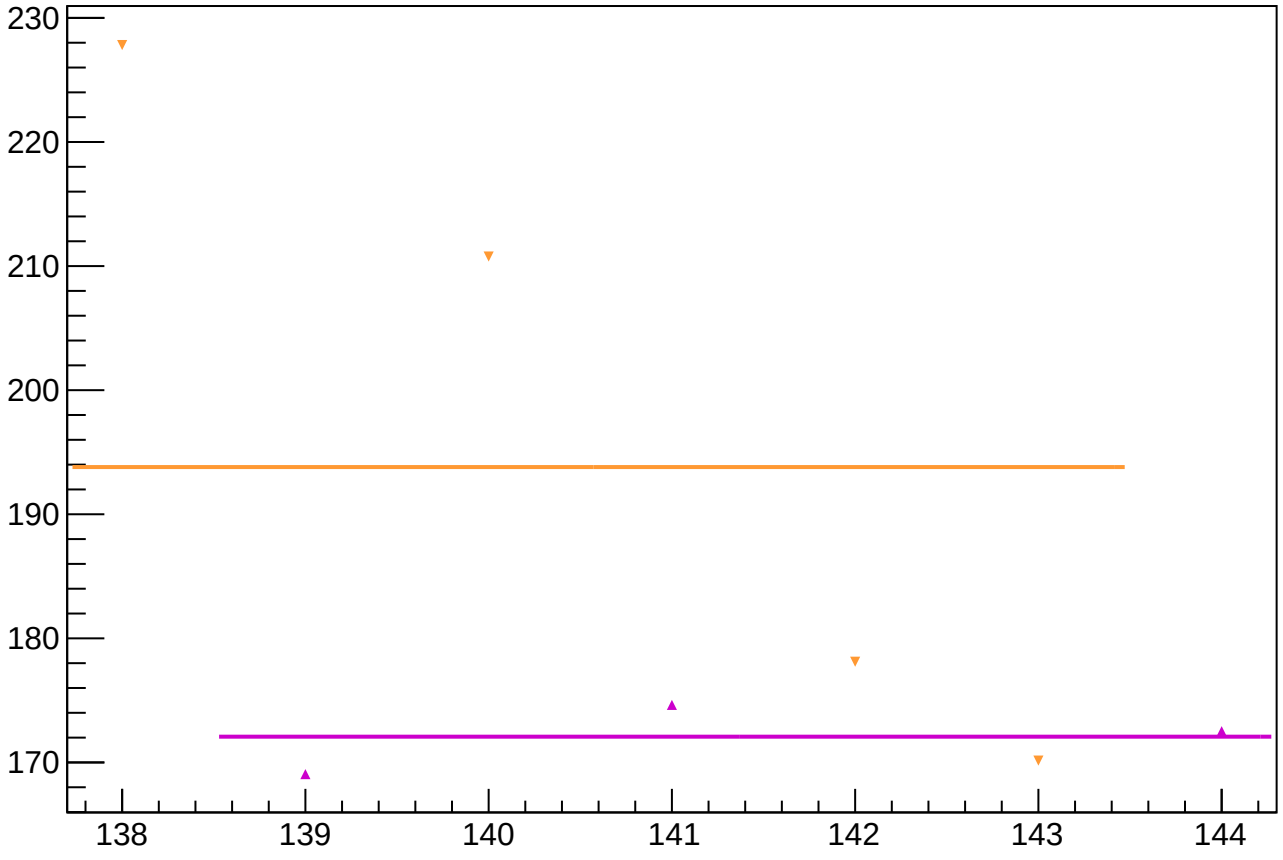
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.330+/-110.321 χ^2/NDF:0.1/2

Out: 10.481+/-122.086 χ^2/NDF:4.7/3

All: -19.692+/-81.853 χ^2/NDF: 4.9/6

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 193.804+/-0.086 χ^2/NDF:73625.4/3

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

Left In: 172.077+/-0.078 χ^2/NDF:865.1/2

Left: 181.843+/-0.058 χ^2/NDF: 109360.4/6

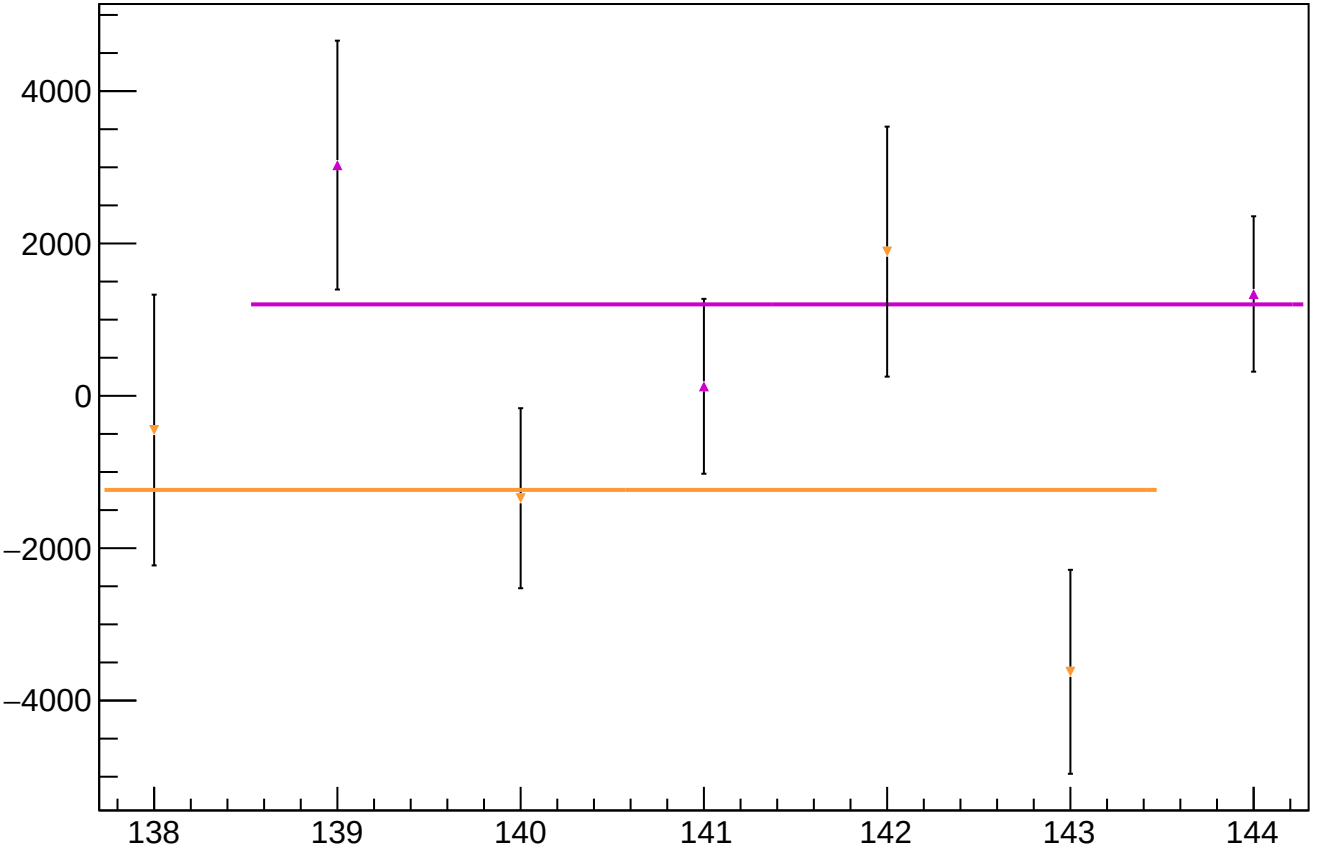
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 172.077+/-0.078 χ^2/NDF:865.1/2

Out: 193.804+/-0.086 χ^2/NDF:73625.4/3

All: 181.843+/-0.058 χ^2/NDF: 109360.4/6

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1234.947+/-713.896 χ^2/NDF:7.0/3

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

Left In: 1200.634+/-690.863 χ^2/NDF:2.1/2

Left: 22.767+/-496.457 χ^2/NDF: 15.2/6

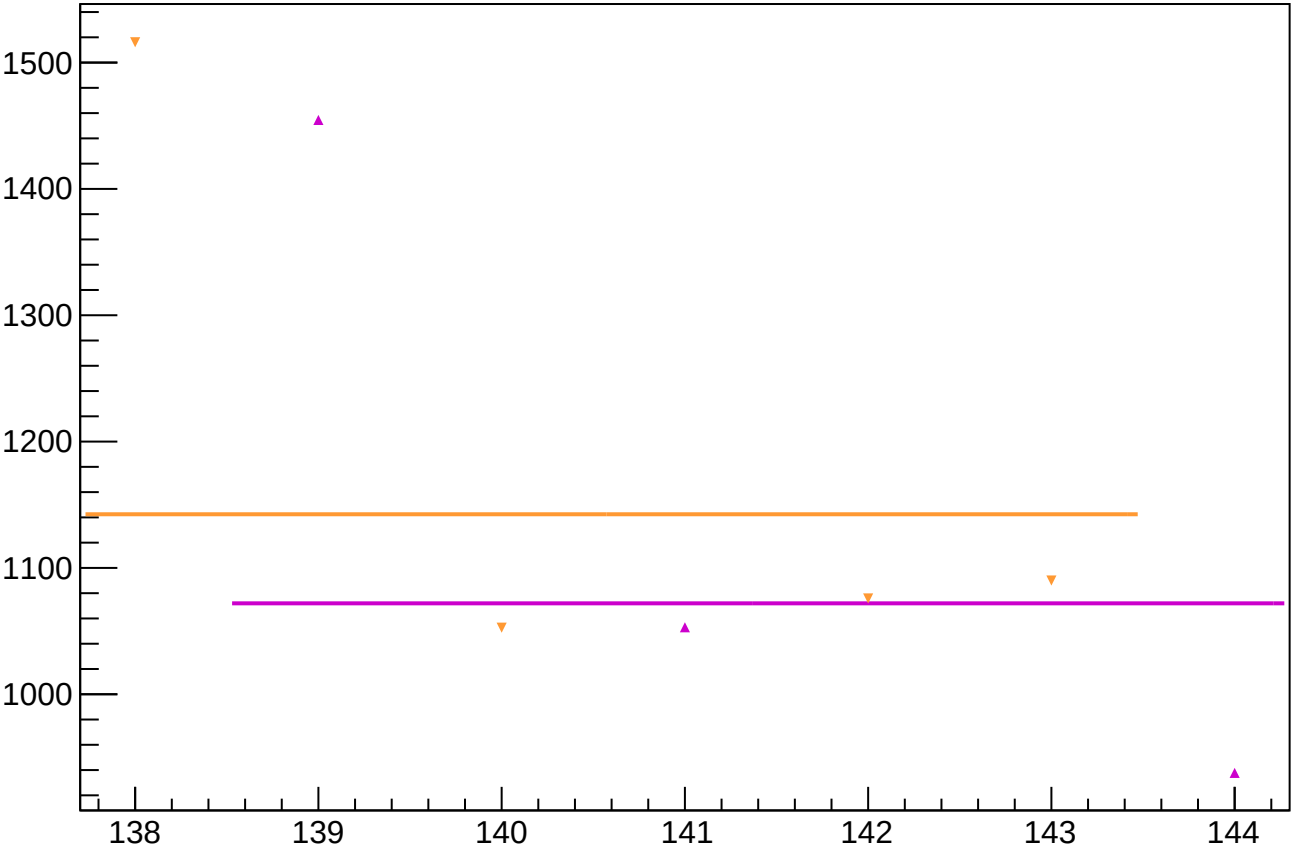
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1200.634+/-690.863 χ^2/NDF:2.1/2

Out: -1234.947+/-713.896 χ^2/NDF:7.0/3

All: 22.767+/-496.457 χ^2/NDF: 15.2/6

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1142.473+/-0.505 χ^2/NDF:106301.0/3

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

Left In: 1071.972+/-0.489 χ^2/NDF:144909.8/2

Left: 1106.067+/-0.351 χ^2/NDF: 261283.3/6

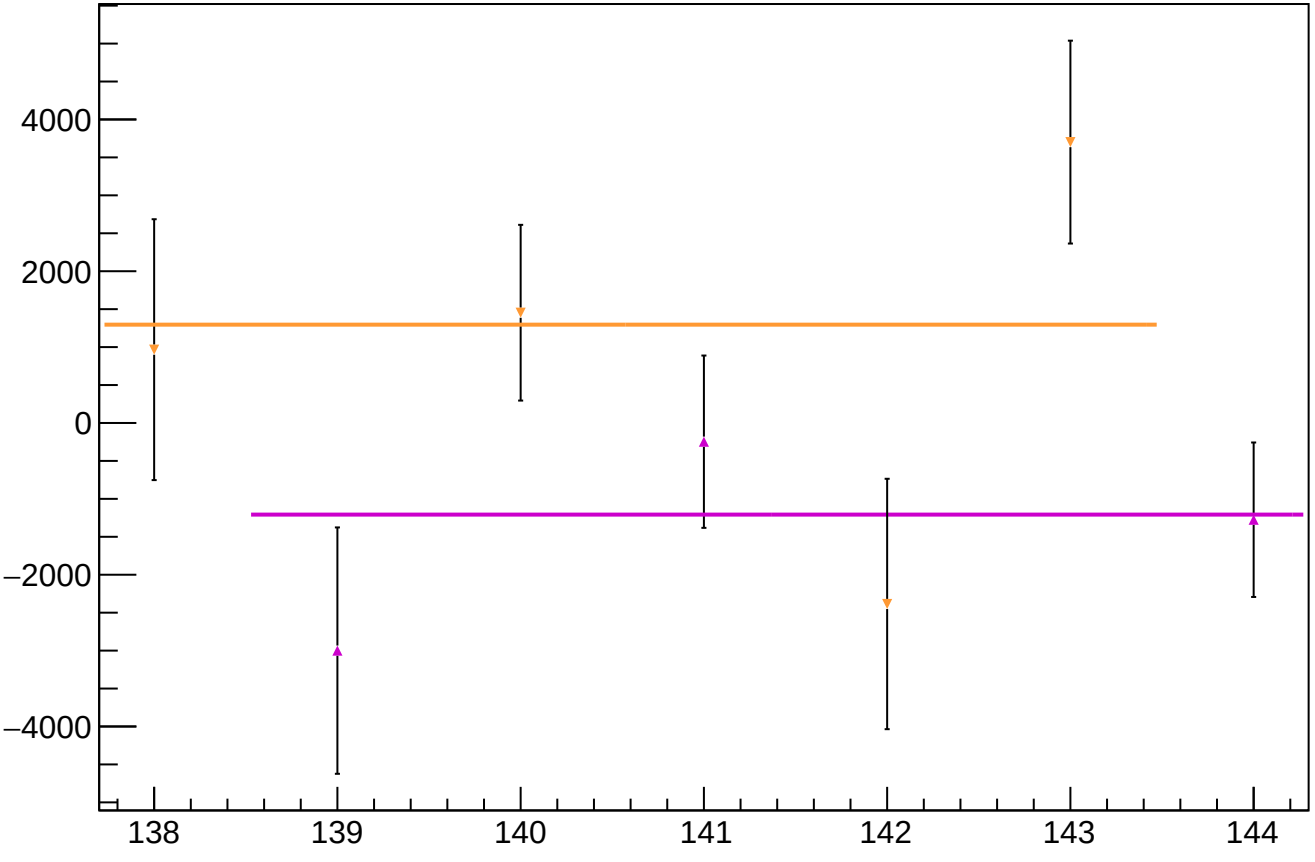
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1071.972+/-0.489 χ^2/NDF:144909.8/2

Out: 1142.473+/-0.505 χ^2/NDF:106301.0/3

All: 1106.067+/-0.351 χ^2/NDF: 261283.3/6

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1295.728+/-705.139 χ^2/NDF:8.3/3

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

Left In: -1207.609+/-686.782 χ^2/NDF:1.9/2

Left: 11.050+/-491.990 χ^2/NDF: 16.7/6

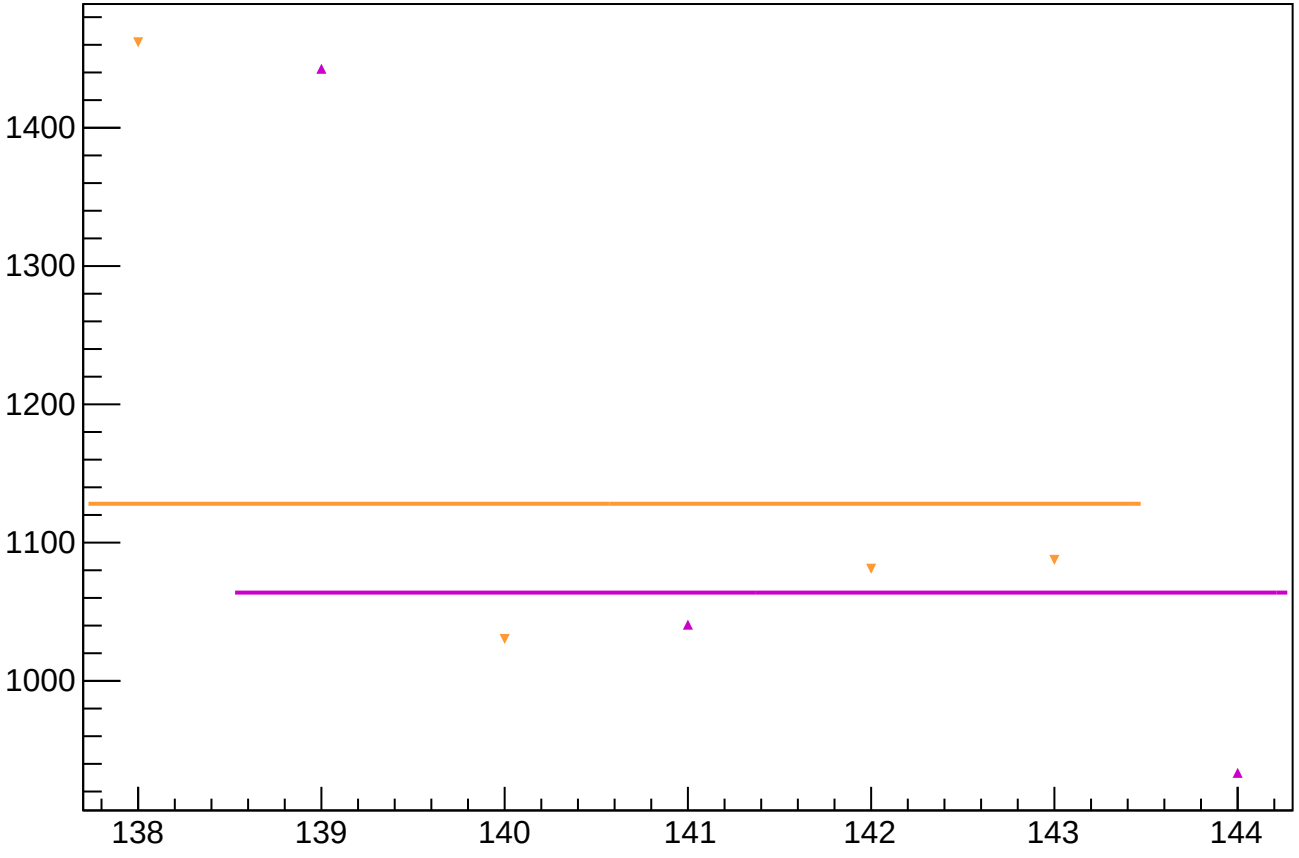
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1207.609+/-686.782 χ^2/NDF:1.9/2

Out: 1295.728+/-705.139 χ^2/NDF:8.3/3

All: 11.050+/-491.990 χ^2/NDF: 16.7/6

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1128.098+/-0.499 χ^2/NDF:93099.4/3

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

Left In: 1063.858+/-0.486 χ^2/NDF:142527.9/2

Left: 1095.131+/-0.348 χ^2/NDF: 244145.9/6

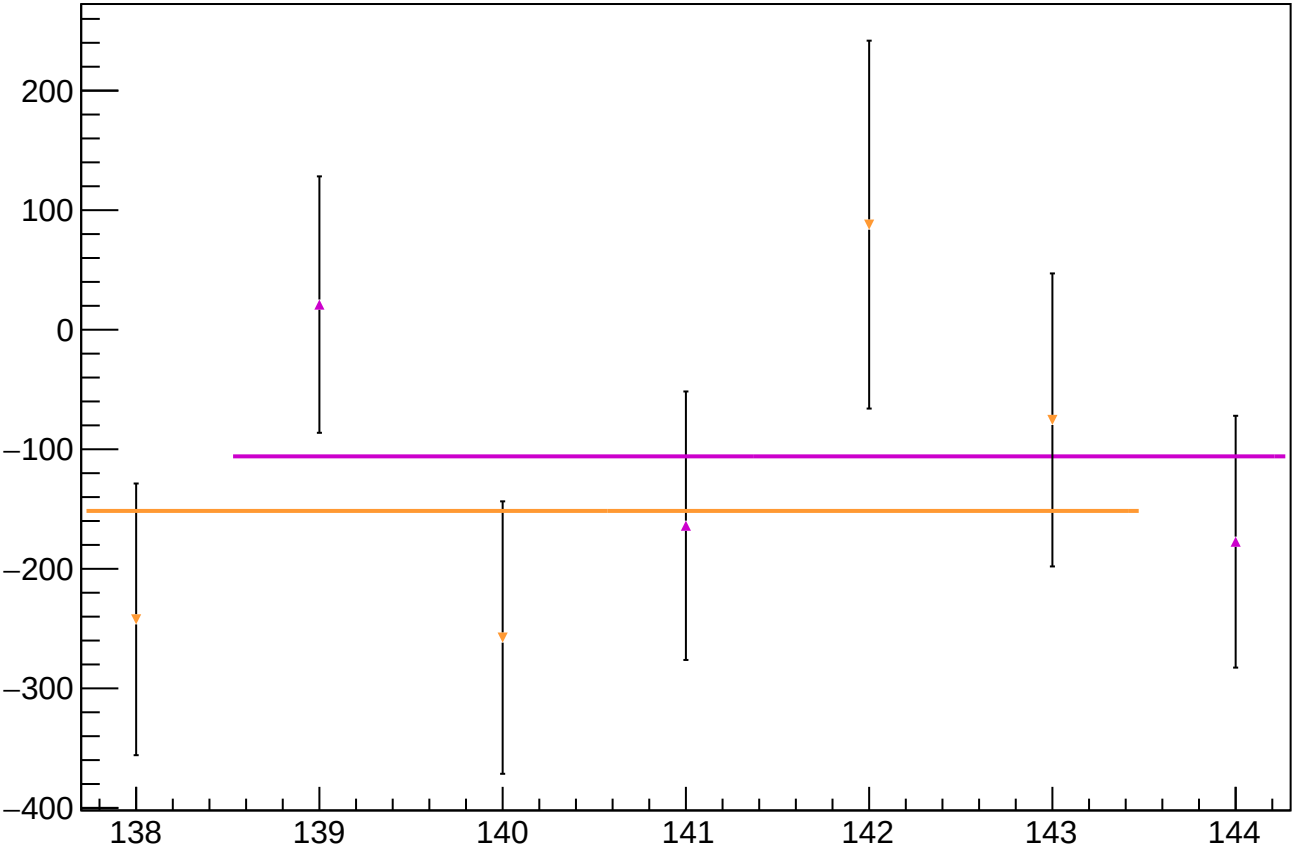
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1063.858+/-0.486 χ^2/NDF:142527.9/2

Out: 1128.098+/-0.499 χ^2/NDF:93099.4/3

All: 1095.131+/-0.348 χ^2/NDF: 244145.9/6

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -151.570+/-61.628 χ^2/NDF:4.3/3

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

Left In: -105.926+/-62.452 χ^2/NDF:2.1/2

Left: -129.051+/-43.866 χ^2/NDF: 6.7/6

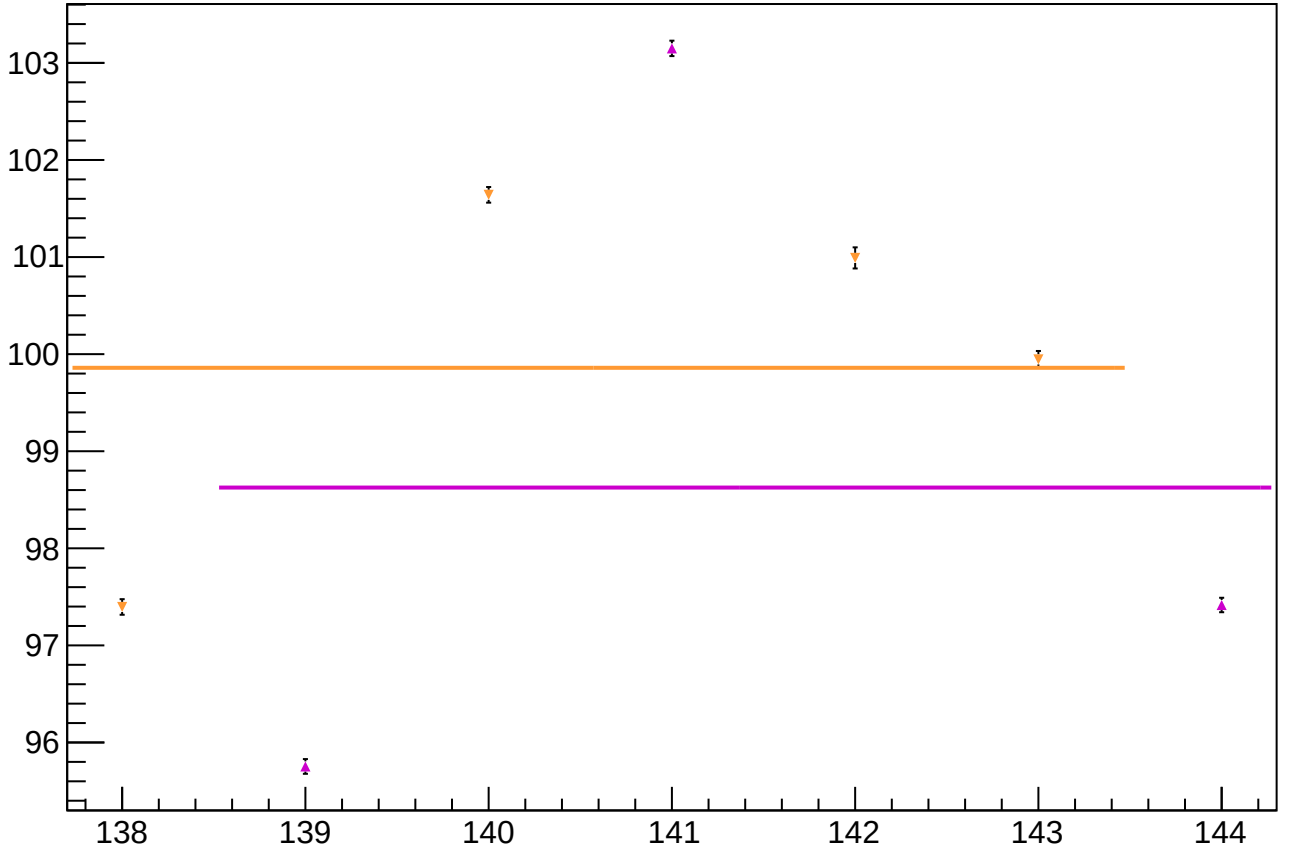
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -105.926+/-62.452 χ^2/NDF:2.1/2

Out: -151.570+/-61.628 χ^2/NDF:4.3/3

All: -129.051+/-43.866 χ^2/NDF: 6.7/6

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 99.859+/-0.044 χ^2/NDF:1538.3/3

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

Left In: 98.626+/-0.044 χ^2/NDF:4944.4/2

Left: 99.251+/-0.031 χ^2/NDF: 6878.1/6

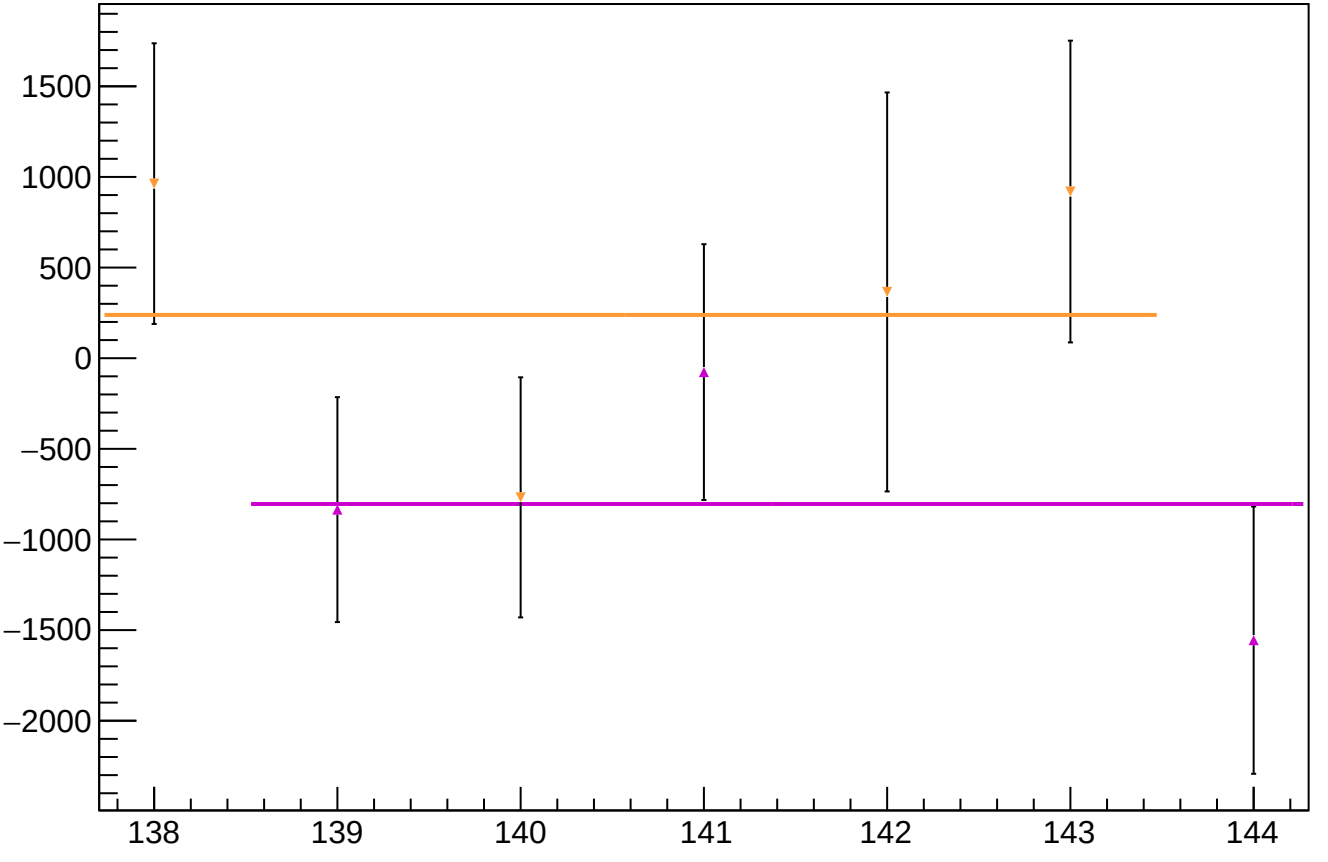
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 98.626+/-0.044 χ^2/NDF:4944.4/2

Out: 99.859+/-0.044 χ^2/NDF:1538.3/3

All: 99.251+/-0.031 χ^2/NDF: 6878.1/6

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 238.759+/-401.011 χ^2/NDF:3.9/3

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

Left In: -804.280+/-393.869 χ^2/NDF:2.1/2

Left: -292.131+/-280.998 χ^2/NDF: 9.4/6

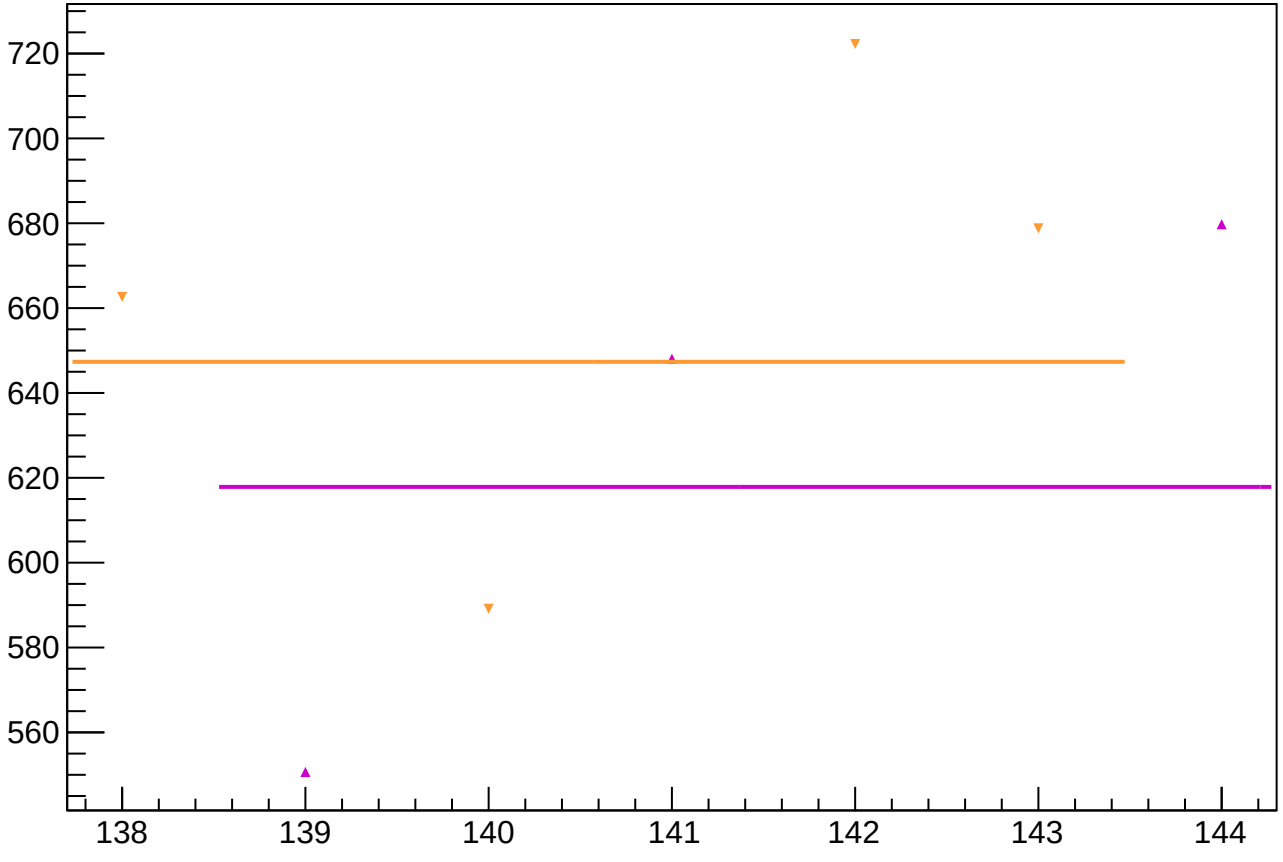
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -804.280+/-393.869 χ^2/NDF:2.1/2

Out: 238.759+/-401.011 χ^2/NDF:3.9/3

All: -292.131+/-280.998 χ^2/NDF: 9.4/6

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 647.346+/-0.284 χ^2/NDF:28361.4/3

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

Left In: 617.861+/-0.279 χ^2/NDF:41213.5/2

Left: 632.339+/-0.199 χ^2/NDF: 75078.5/6

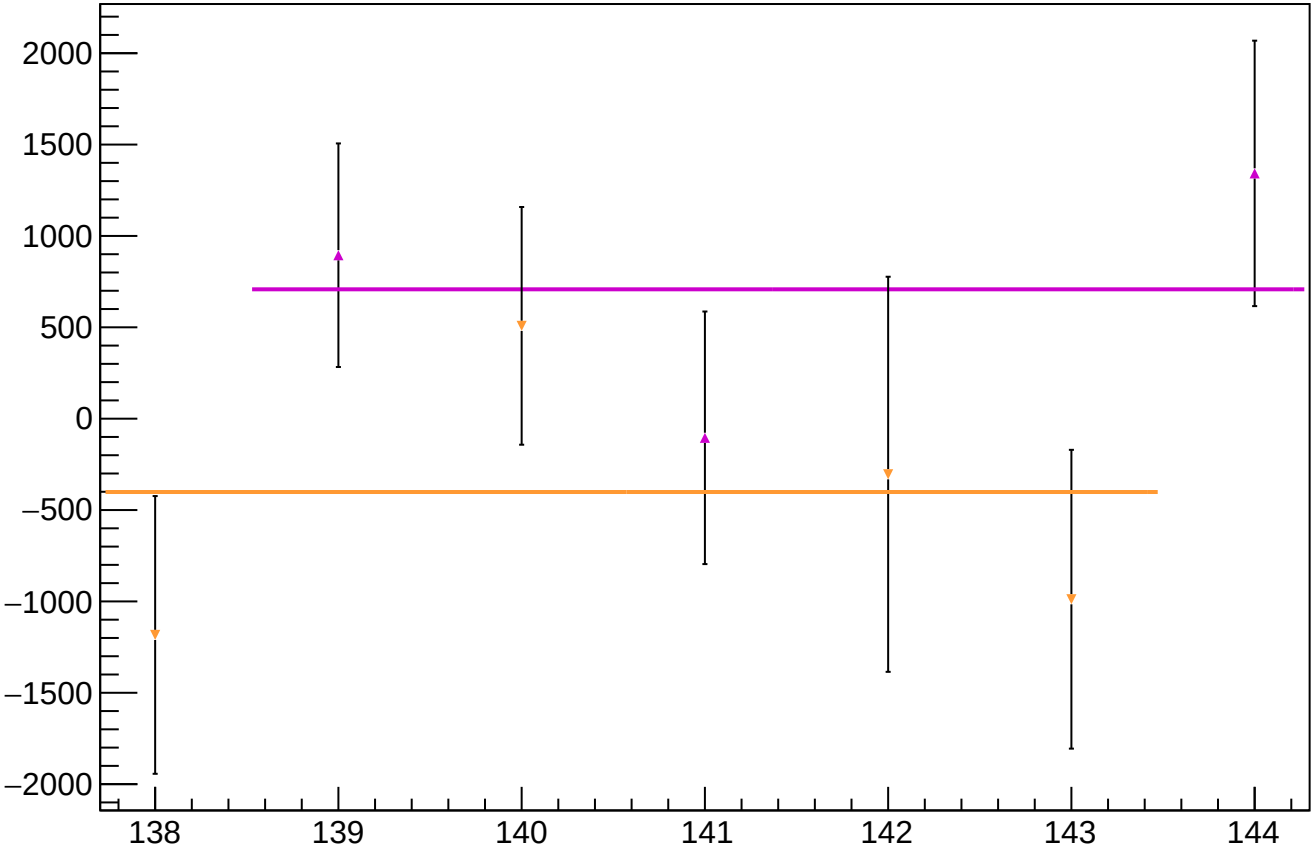
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 617.861+/-0.279 χ^2/NDF:41213.5/2

Out: 647.346+/-0.284 χ^2/NDF:28361.4/3

All: 632.339+/-0.199 χ^2/NDF: 75078.5/6

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -401.275+/-393.841 χ^2/NDF:3.5/3

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

Left In: 707.908+/-387.452 χ^2/NDF:2.2/2

Left: 162.387+/-276.201 χ^2/NDF: 9.8/6

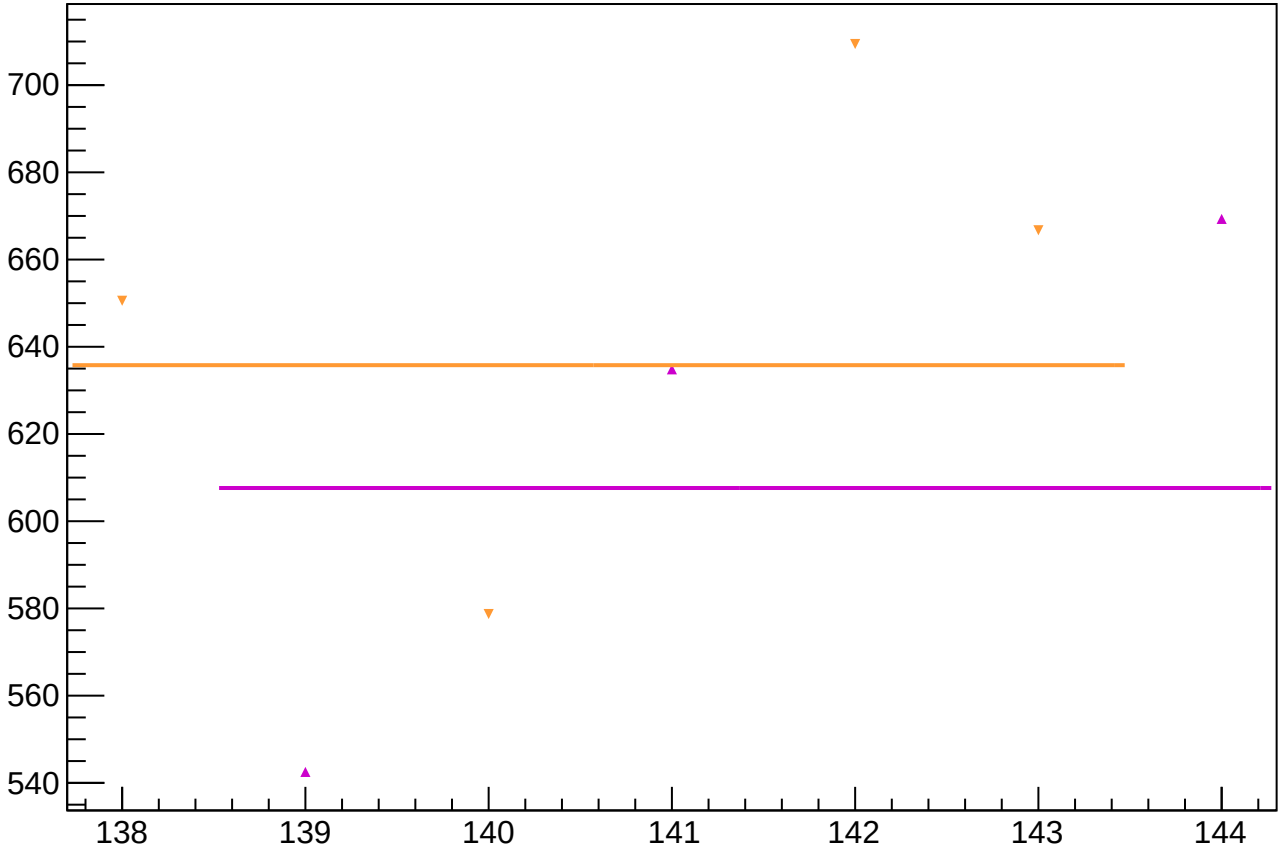
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 707.908+/-387.452 χ^2/NDF:2.2/2

Out: -401.275+/-393.841 χ^2/NDF:3.5/3

All: 162.387+/-276.201 χ^2/NDF: 9.8/6

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 635.780+/-0.278 χ^2/NDF:28294.3/3

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

Left In: 607.616+/-0.274 χ^2/NDF:40187.2/2

Left: 621.468+/-0.195 χ^2/NDF: 73679.1/6

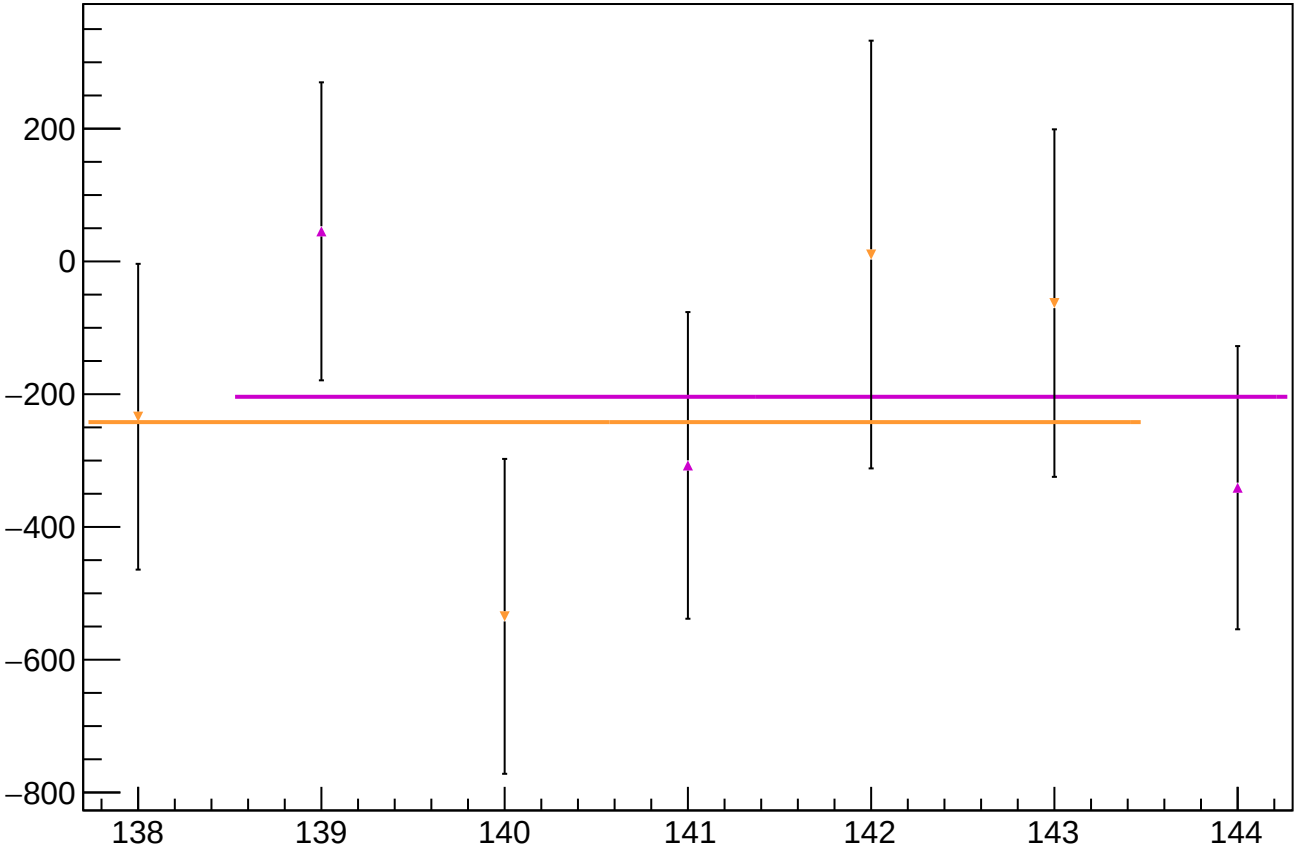
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 607.616+/-0.274 χ^2/NDF:40187.2/2

Out: 635.780+/-0.278 χ^2/NDF:28294.3/3

All: 621.468+/-0.195 χ^2/NDF: 73679.1/6

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -242.062+/-128.190 χ^2/NDF:2.6/3

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

Left In: -203.908+/-128.496 χ^2/NDF:1.8/2

Left: -223.030+/-90.752 χ^2/NDF: 4.5/6

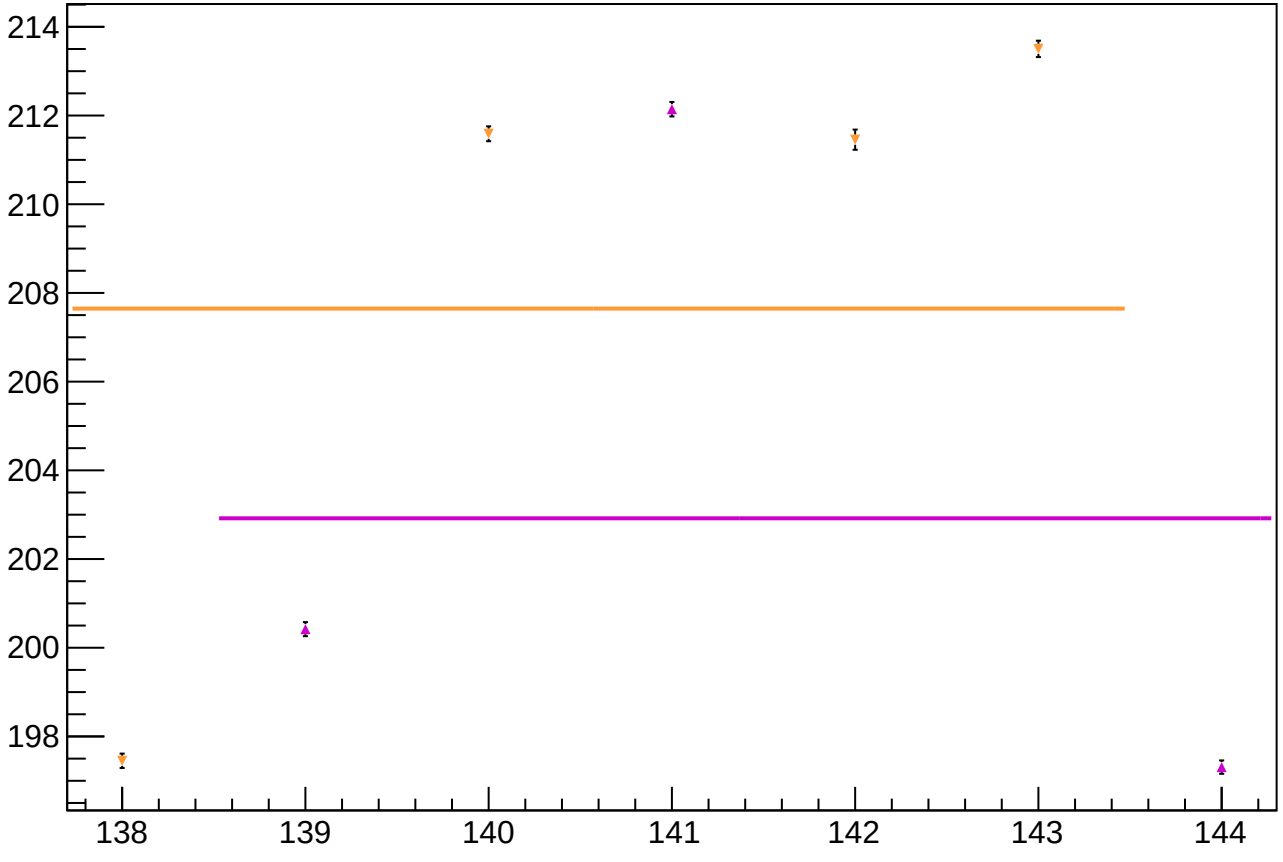
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -203.908+/-128.496 χ^2/NDF:1.8/2

Out: -242.062+/-128.190 χ^2/NDF:2.6/3

All: -223.030+/-90.752 χ^2/NDF: 4.5/6

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 207.647+/-0.091 χ^2/NDF:5752.4/3

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

Left In: 202.918+/-0.091 χ^2/NDF:4820.8/2

Left: 205.288+/-0.064 χ^2/NDF: 11930.6/6

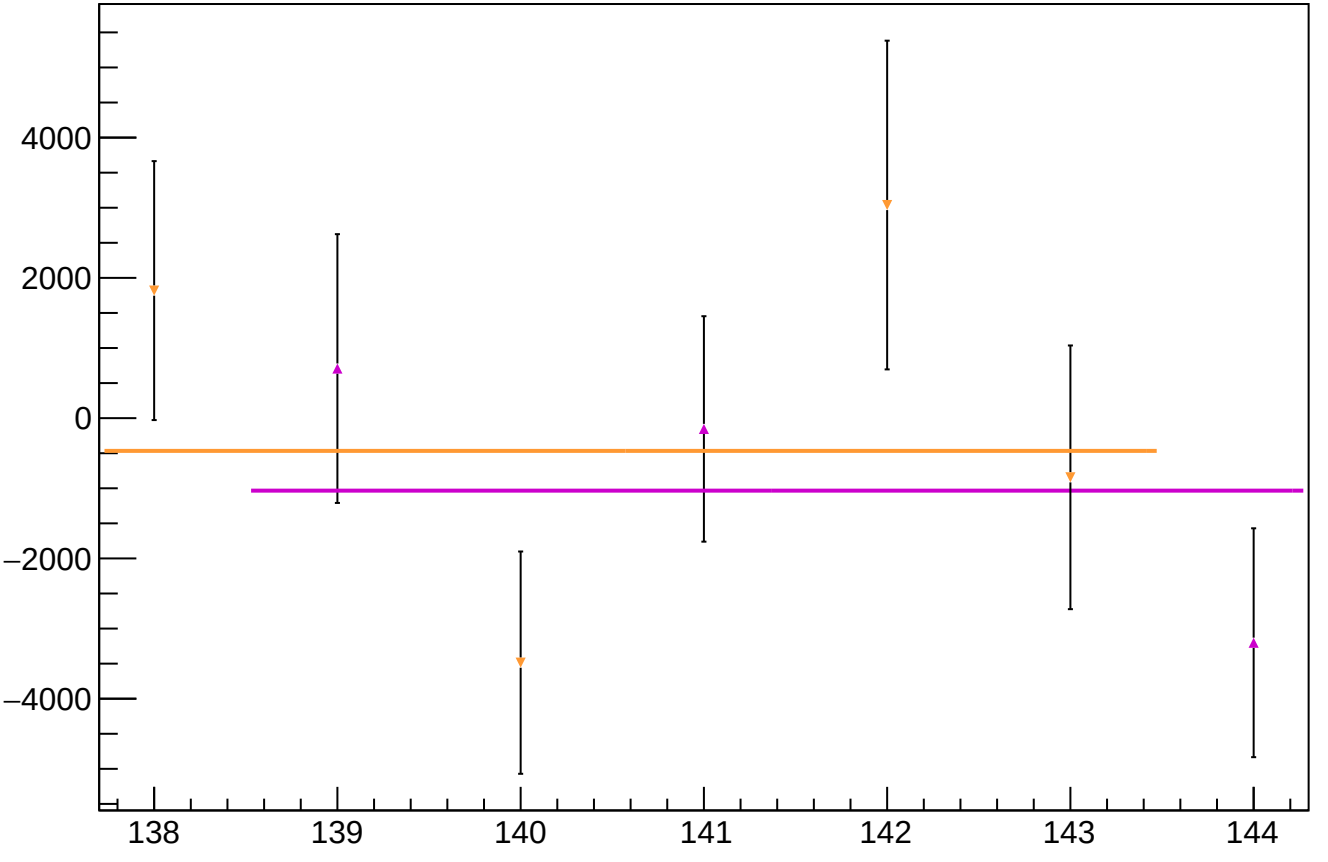
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 202.918+/-0.091 χ^2/NDF:4820.8/2

Out: 207.647+/-0.091 χ^2/NDF:5752.4/3

All: 205.288+/-0.064 χ^2/NDF: 11930.6/6

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -466.674+/-929.772 χ^2/NDF:7.4/3

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

Left In: -1033.440+/-982.895 χ^2/NDF:2.9/2

Left: -734.327+/-675.448 χ^2/NDF: 10.5/6

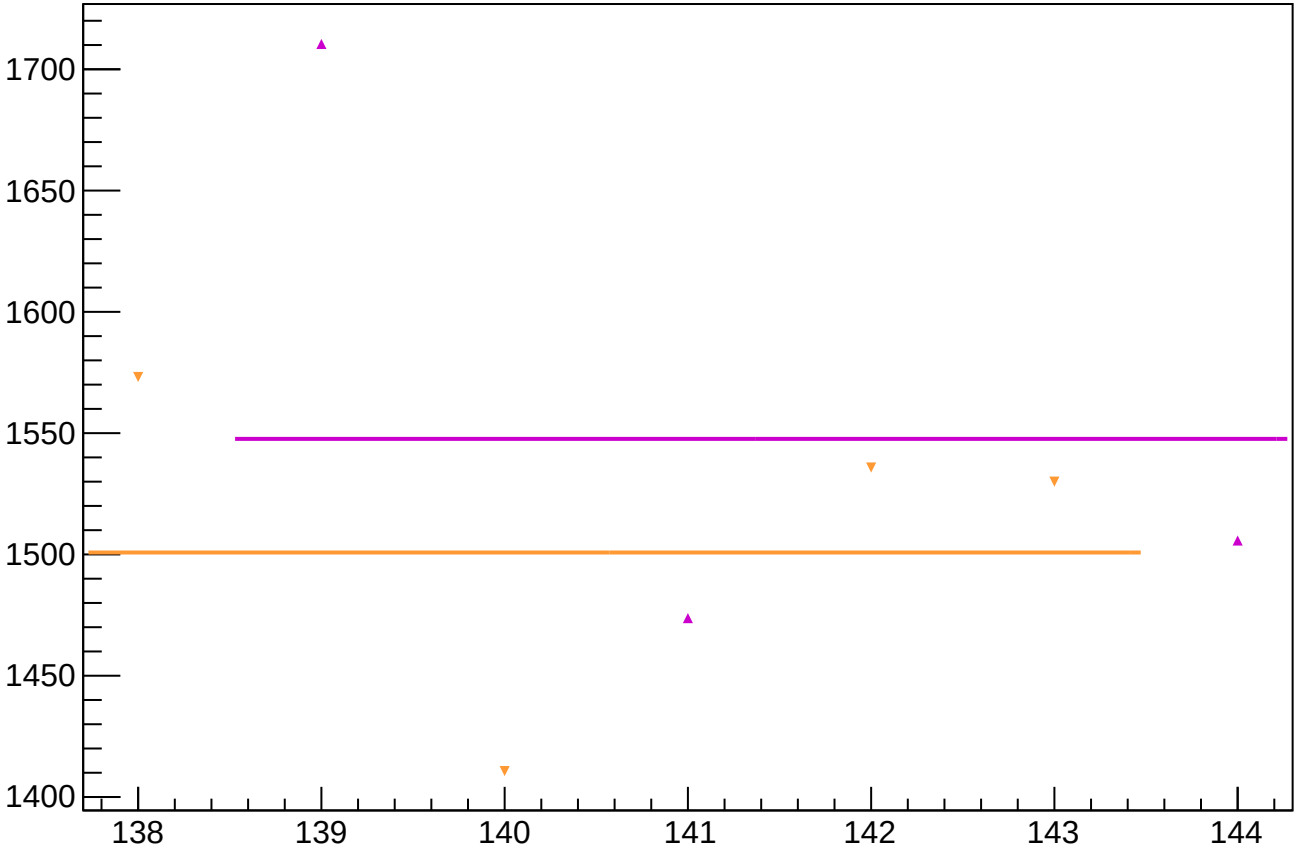
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1033.440+/-982.895 χ^2/NDF:2.9/2

Out: -466.674+/-929.772 χ^2/NDF:7.4/3

All: -734.327+/-675.448 χ^2/NDF: 10.5/6

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1500.796+/-0.657 χ^2/NDF:10469.4/3

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

Left In: 1547.638+/-0.695 χ^2/NDF:19984.1/2

Left: 1522.917+/-0.478 χ^2/NDF: 32850.7/6

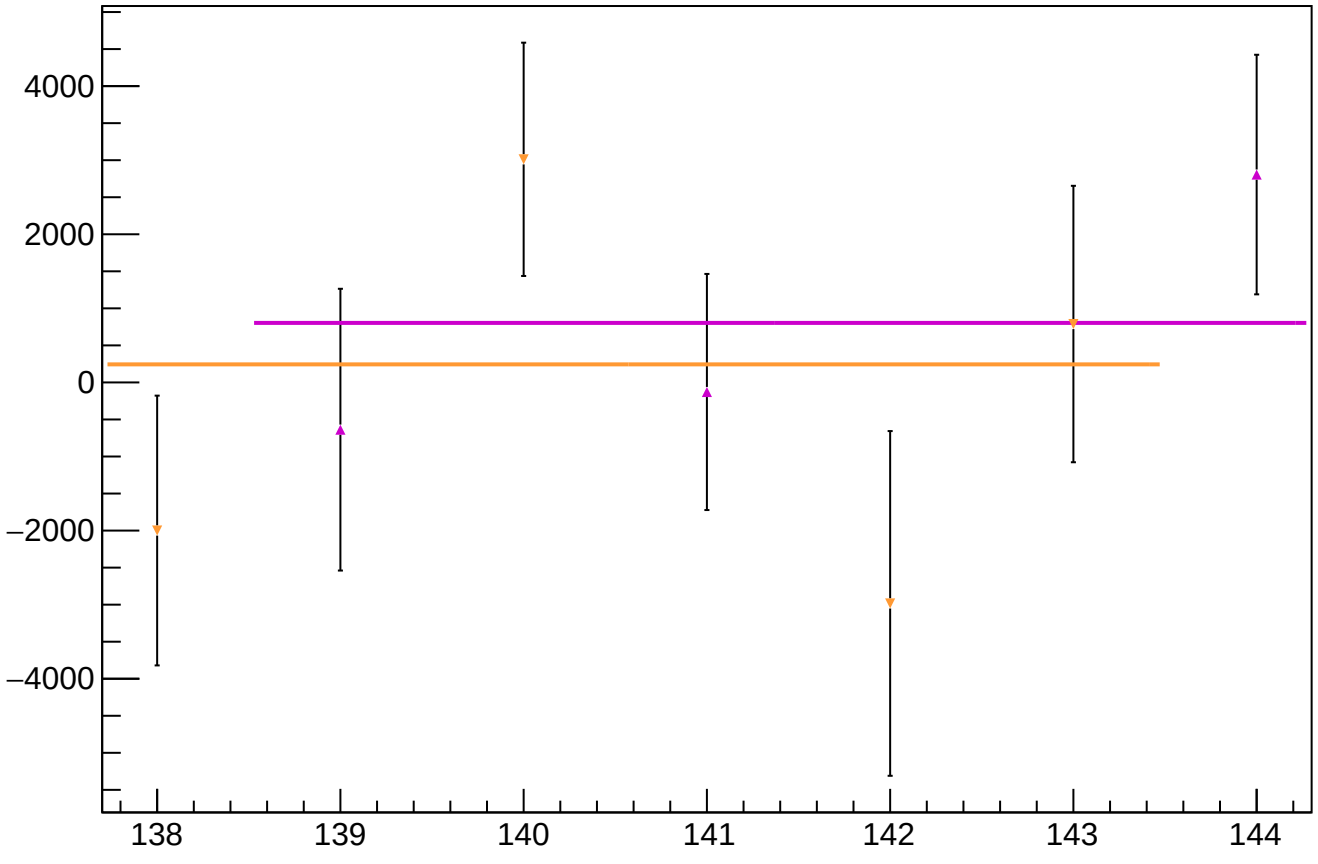
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1547.638+/-0.695 χ^2/NDF:19984.1/2

Out: 1500.796+/-0.657 χ^2/NDF:10469.4/3

All: 1522.917+/-0.478 χ^2/NDF: 32850.7/6

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 243.772+/-921.837 χ^2/NDF:6.6/3

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

Left In: 803.556+/-974.680 χ^2/NDF:2.5/2

Left: 508.079+/-669.740 χ^2/NDF: 9.2/6

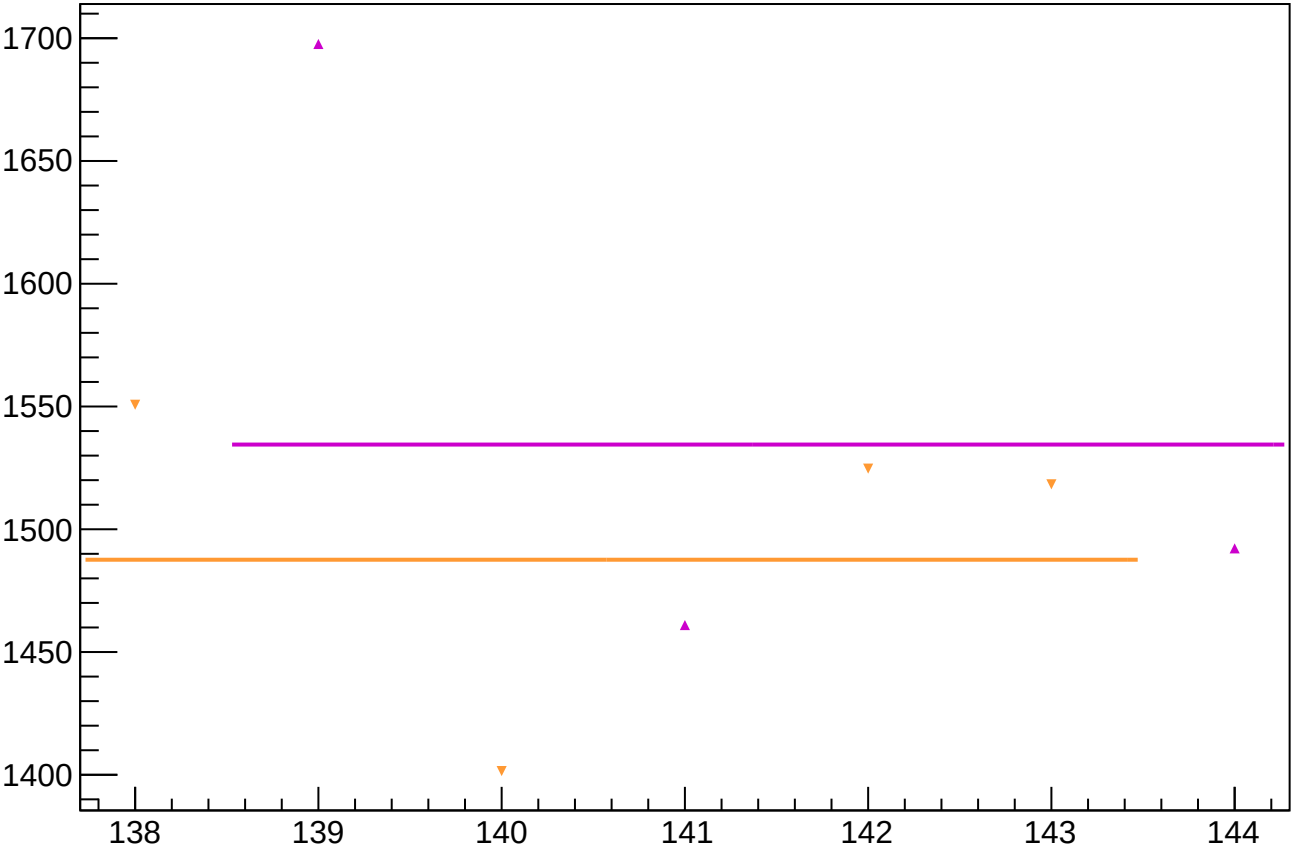
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 803.556+/-974.680 χ^2/NDF:2.5/2

Out: 243.772+/-921.837 χ^2/NDF:6.6/3

All: 508.079+/-669.740 χ^2/NDF: 9.2/6

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1487.595+/-0.652 χ^2/NDF:9428.7/3

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

Left In: 1534.499+/-0.689 χ^2/NDF:20343.3/2

Left: 1509.741+/-0.474 χ^2/NDF: 32216.7/6

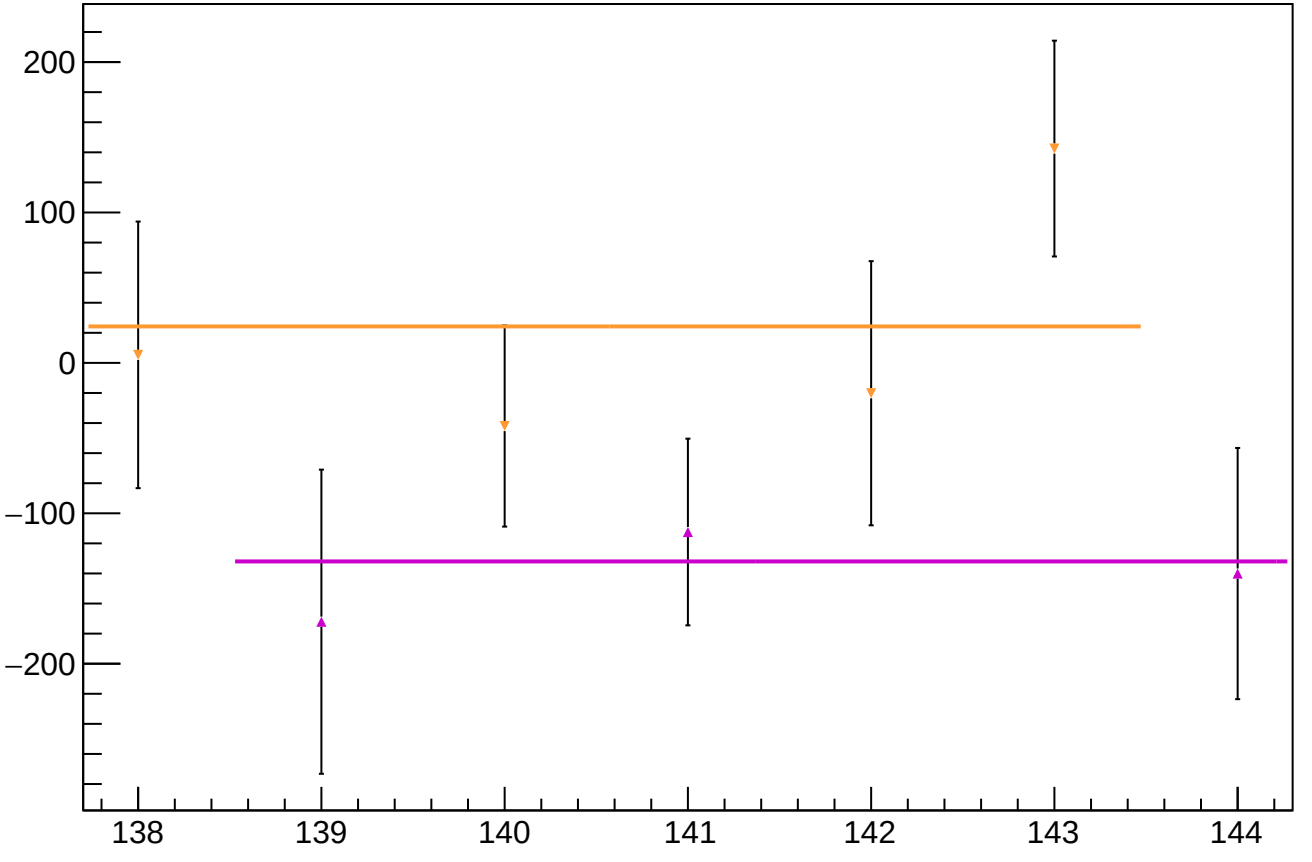
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1534.499+/-0.689 χ^2/NDF:20343.3/2

Out: 1487.595+/-0.652 χ^2/NDF:9428.7/3

All: 1509.741+/-0.474 χ^2/NDF: 32216.7/6

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 24.246+/-38.492 χ^2/NDF:4.0/3

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

Left In: -132.001+/-44.685 χ^2/NDF:0.3/2

Left: -42.308+/-29.164 χ^2/NDF: 11.3/6

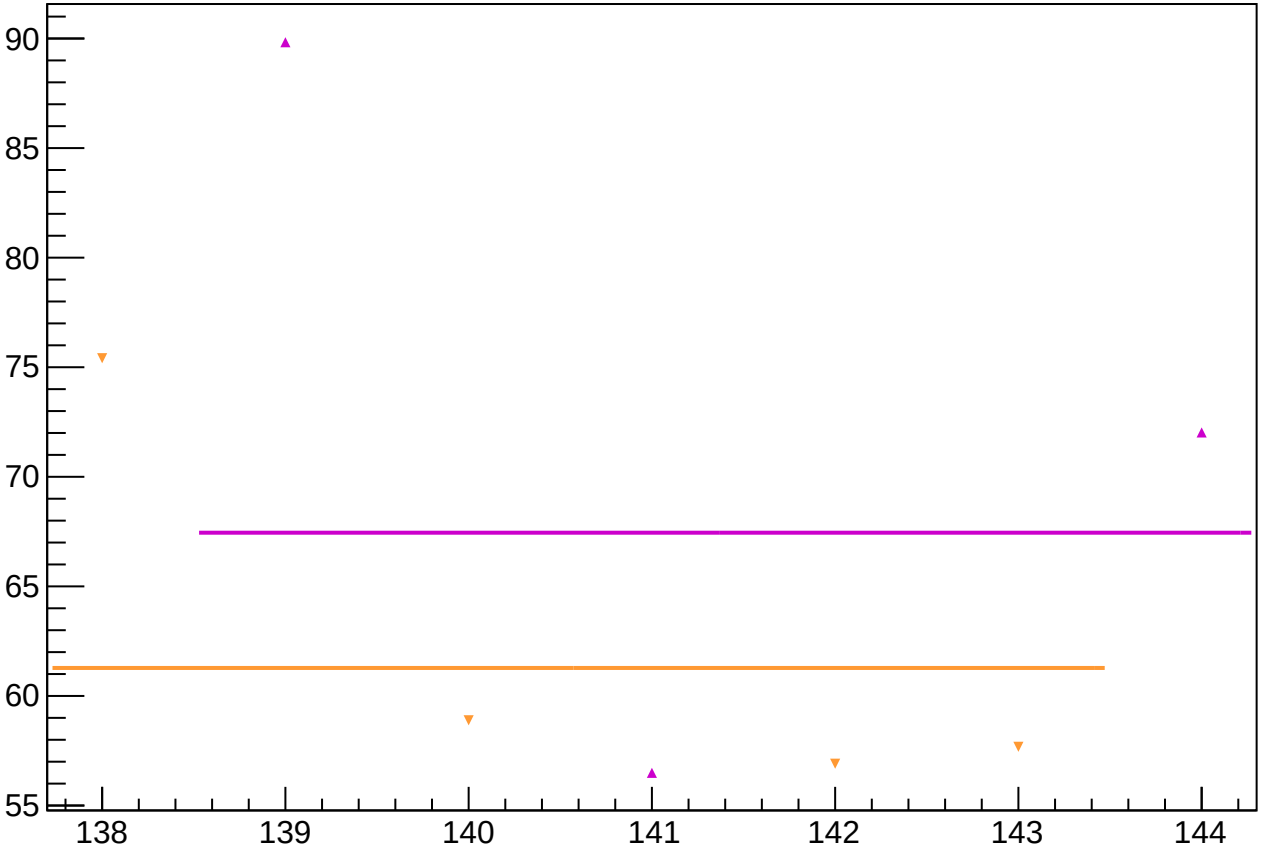
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -132.001+/-44.685 χ^2/NDF:0.3/2

Out: 24.246+/-38.492 χ^2/NDF:4.0/3

All: -42.308+/-29.164 χ^2/NDF: 11.3/6

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 61.277+/-0.027 χ^2/NDF:63398.3/3

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

Left In: 67.449+/-0.032 χ^2/NDF:166322.4/2

Left: 63.906+/-0.021 χ^2/NDF: 251623.0/6

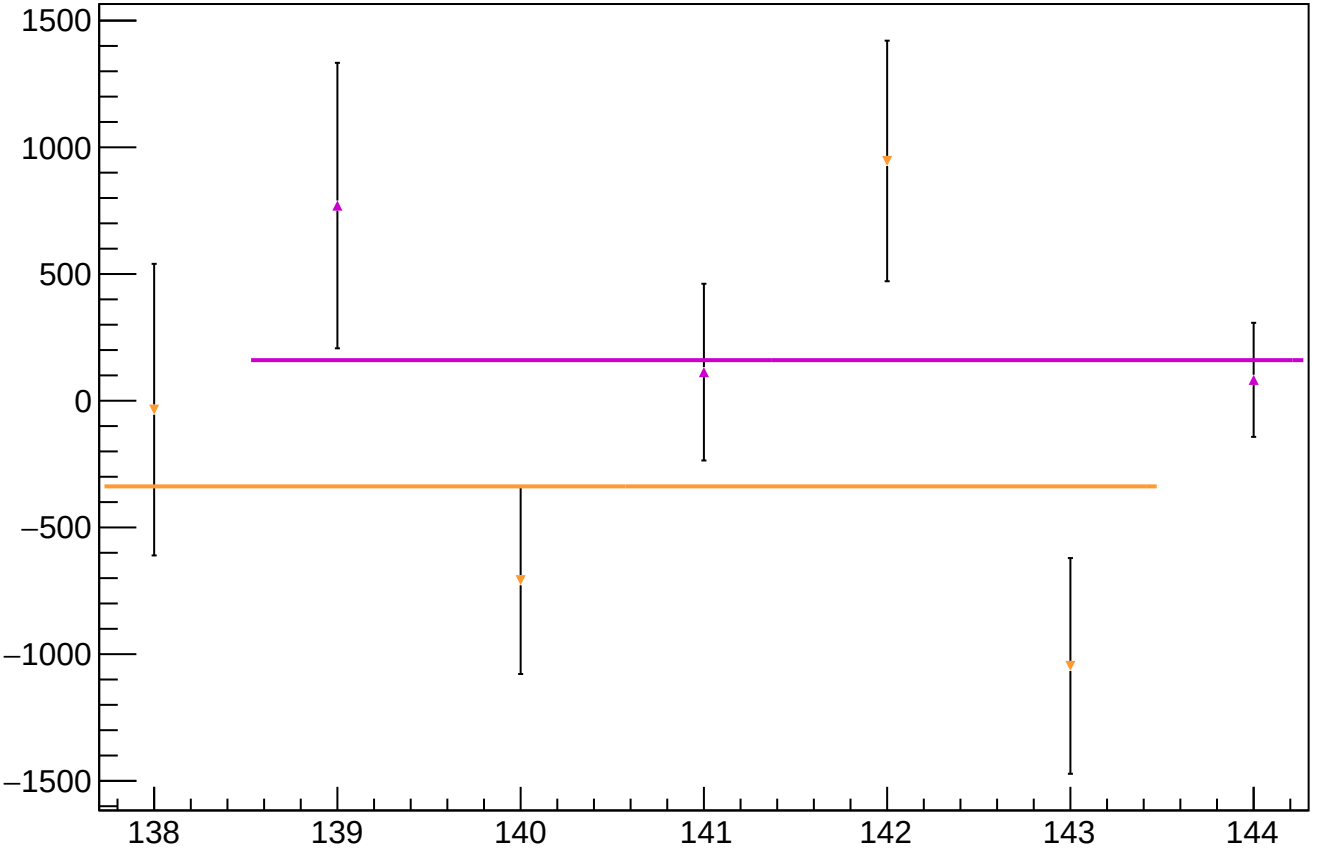
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.449+/-0.032 χ^2/NDF:166322.4/2

Out: 61.277+/-0.027 χ^2/NDF:63398.3/3

All: 63.906+/-0.021 χ^2/NDF: 251623.0/6

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -337.918+/-222.062 χ^2/NDF:11.4/3

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

Left In: 160.157+/-179.264 χ^2/NDF:1.3/2

Left: -36.362+/-139.486 χ^2/NDF: 15.7/6

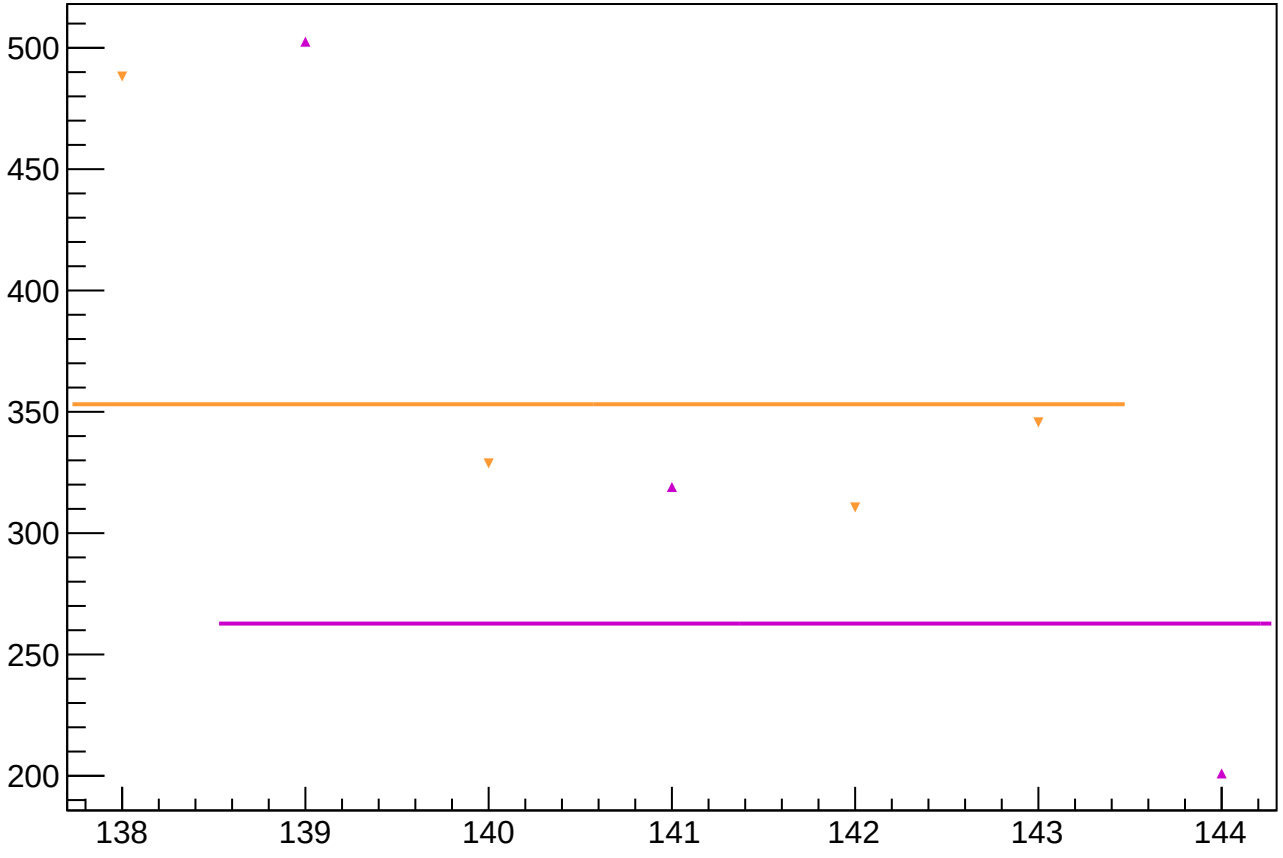
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 160.157+/-179.264 χ^2/NDF:1.3/2

Out: -337.918+/-222.062 χ^2/NDF:11.4/3

All: -36.362+/-139.486 χ^2/NDF: 15.7/6

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 353.122+/-0.157 χ^2/NDF:135557.9/3

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

Left In: 262.736+/-0.127 χ^2/NDF:565224.9/2

Left: 298.399+/-0.099 χ^2/NDF: 901391.4/6

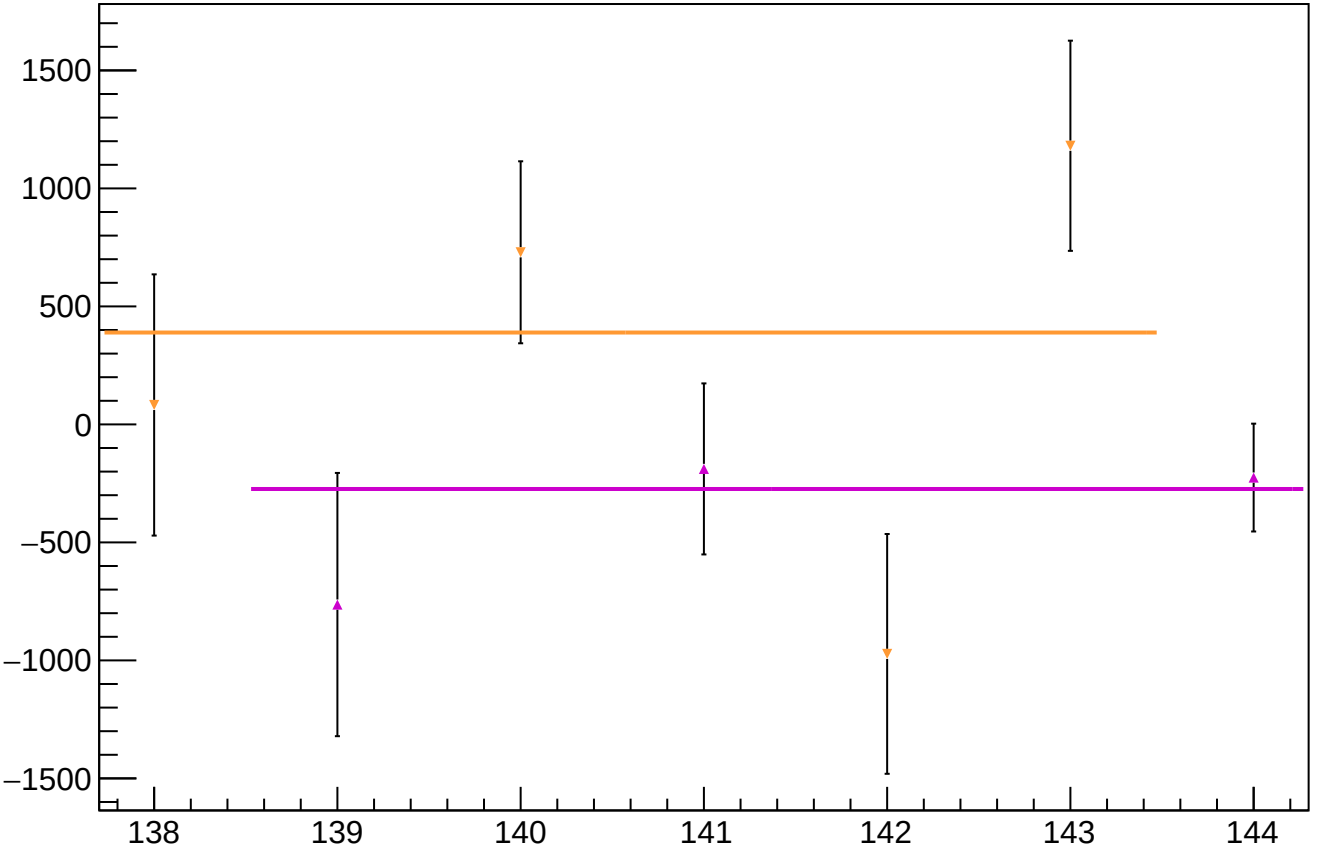
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 262.736+/-0.127 χ^2/NDF:565224.9/2

Out: 353.122+/-0.157 χ^2/NDF:135557.9/3

All: 298.399+/-0.099 χ^2/NDF: 901391.4/6

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 389.314+/-229.984 χ^2/NDF:11.4/3

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

Left In: -273.684+/-182.607 χ^2/NDF:0.9/2

Left: -17.324+/-143.010 χ^2/NDF: 17.4/6

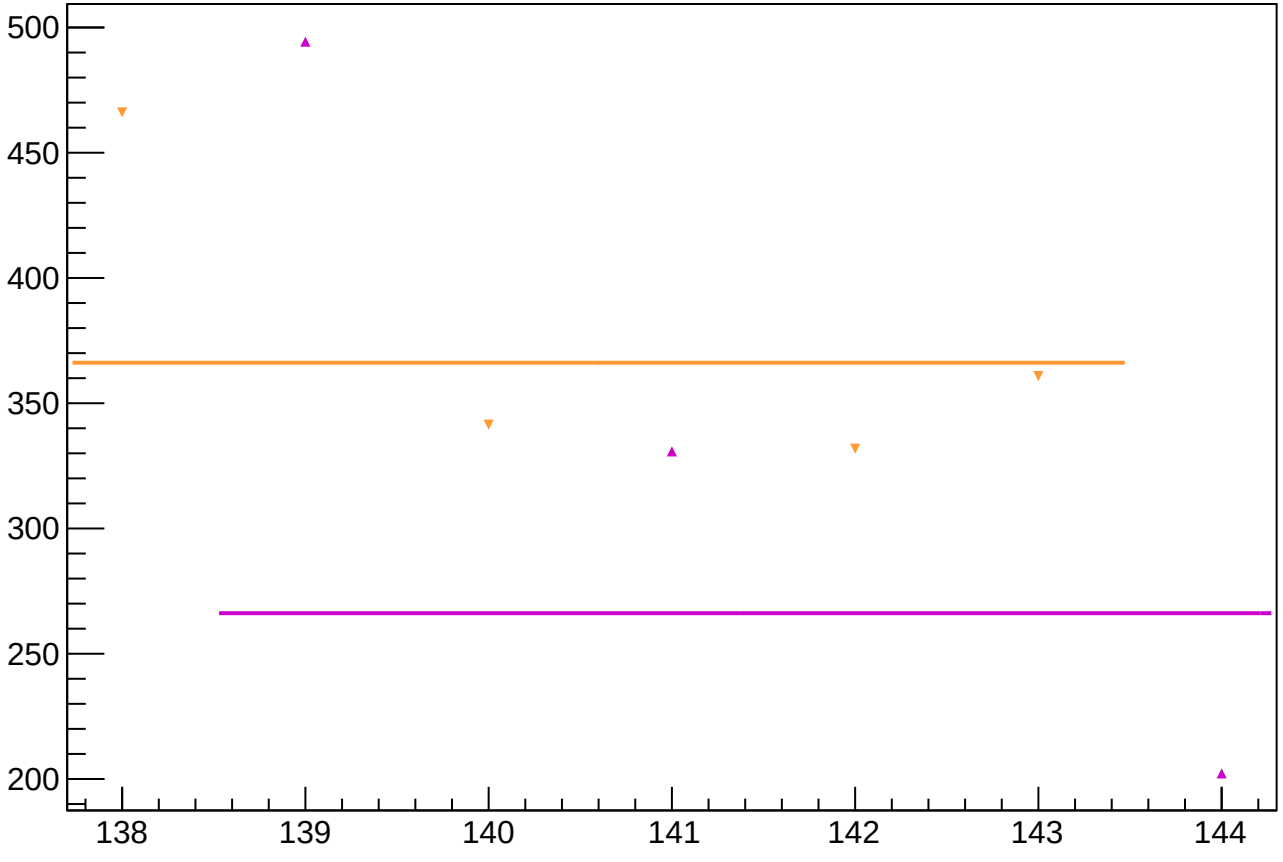
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -273.684+/-182.607 χ^2/NDF:0.9/2

Out: 389.314+/-229.984 χ^2/NDF:11.4/3

All: -17.324+/-143.010 χ^2/NDF: 17.4/6

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 366.172+/-0.163 χ^2/NDF:82847.2/3

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

Left In: 266.184+/-0.129 χ^2/NDF:554935.3/2

Left: 304.846+/-0.101 χ^2/NDF: 869646.4/6

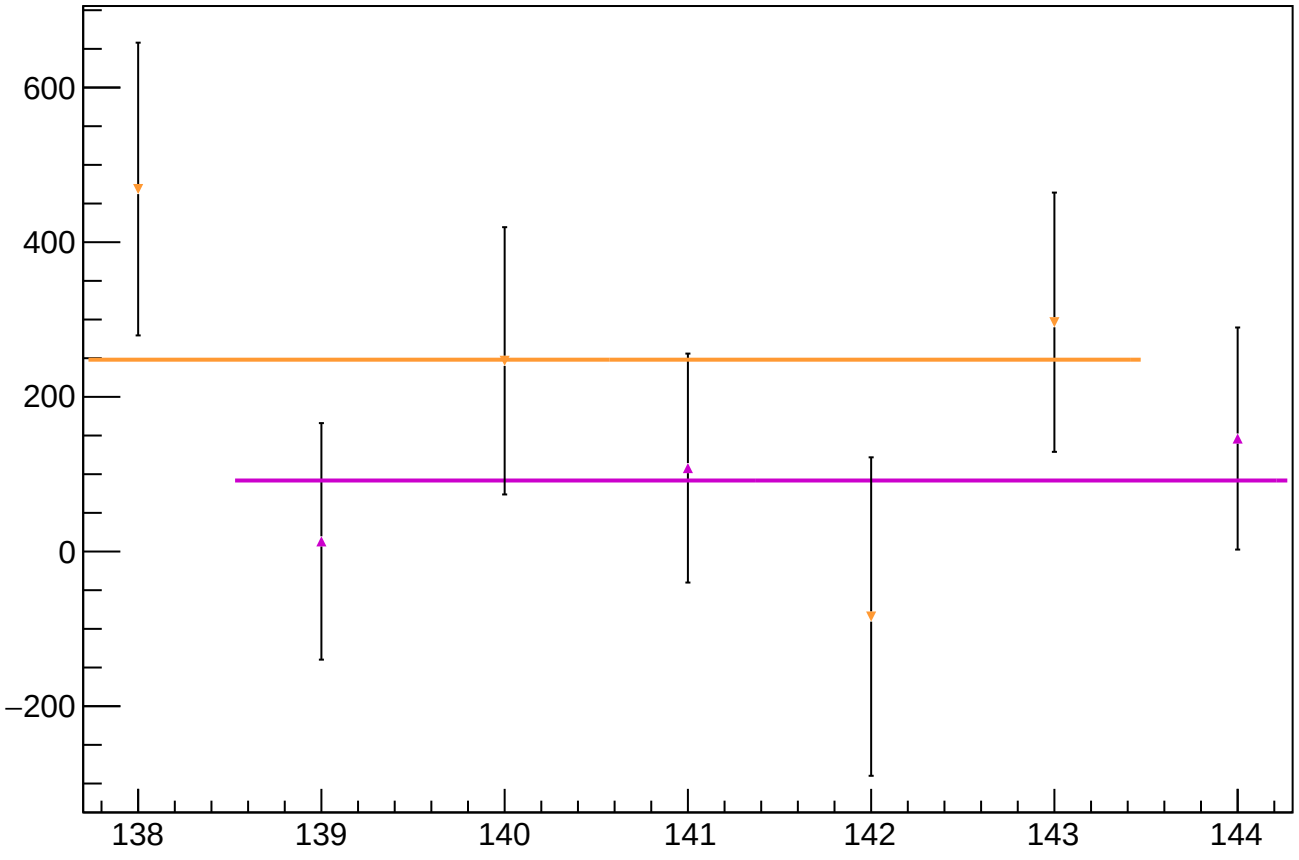
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 266.184+/-0.129 χ^2/NDF:554935.3/2

Out: 366.172+/-0.163 χ^2/NDF:82847.2/3

All: 304.846+/-0.101 χ^2/NDF: 869646.4/6

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 248.078+/-91.072 χ^2/NDF:4.0/3

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

Left In: 91.846+/-85.472 χ^2/NDF:0.4/2

Left: 165.011+/-62.323 χ^2/NDF: 6.0/6

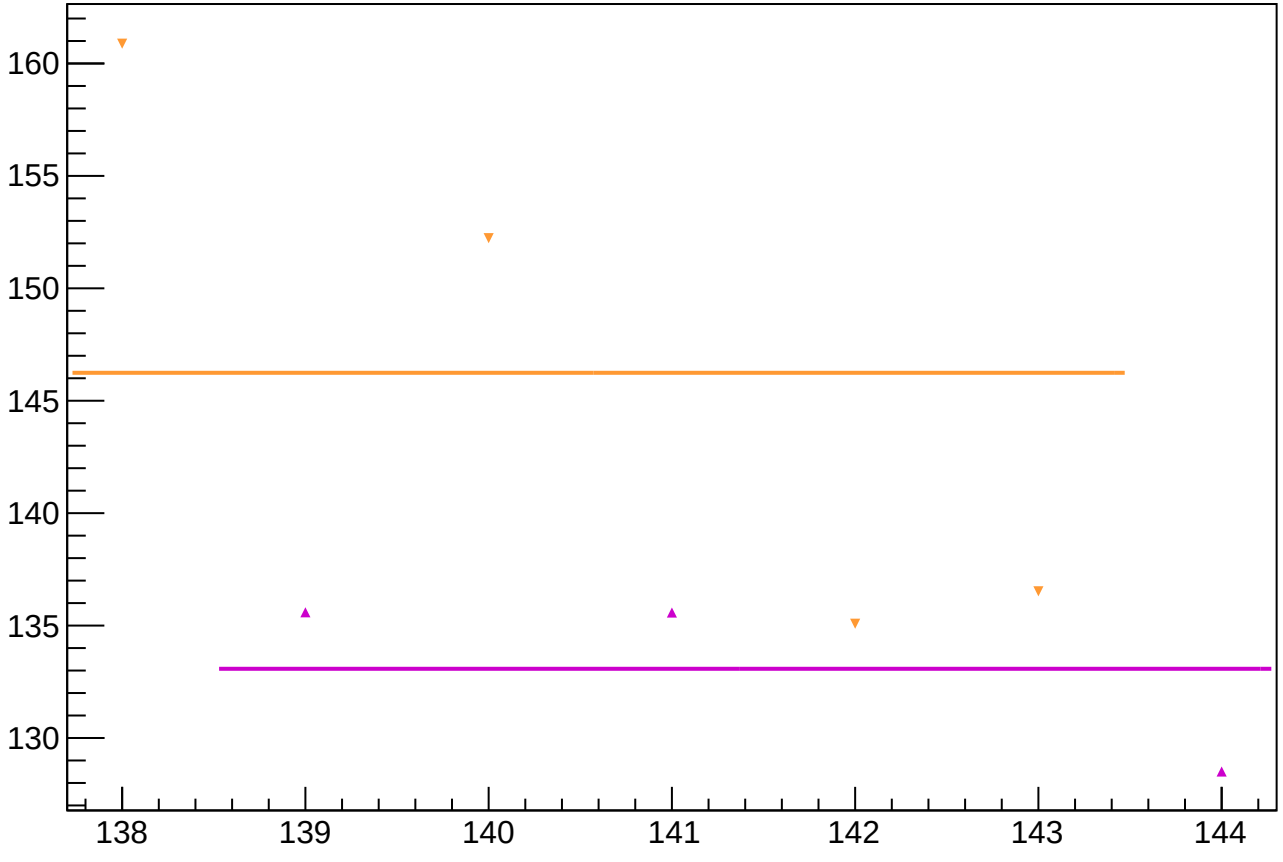
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.846+/-85.472 χ^2/NDF:0.4/2

Out: 248.078+/-91.072 χ^2/NDF:4.0/3

All: 165.011+/-62.323 χ^2/NDF: 6.0/6

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 146.243+/-0.064 χ^2/NDF:26960.0/3

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

Left In: 133.078+/-0.060 χ^2/NDF:3136.0/2

Left: 139.243+/-0.044 χ^2/NDF: 52315.9/6

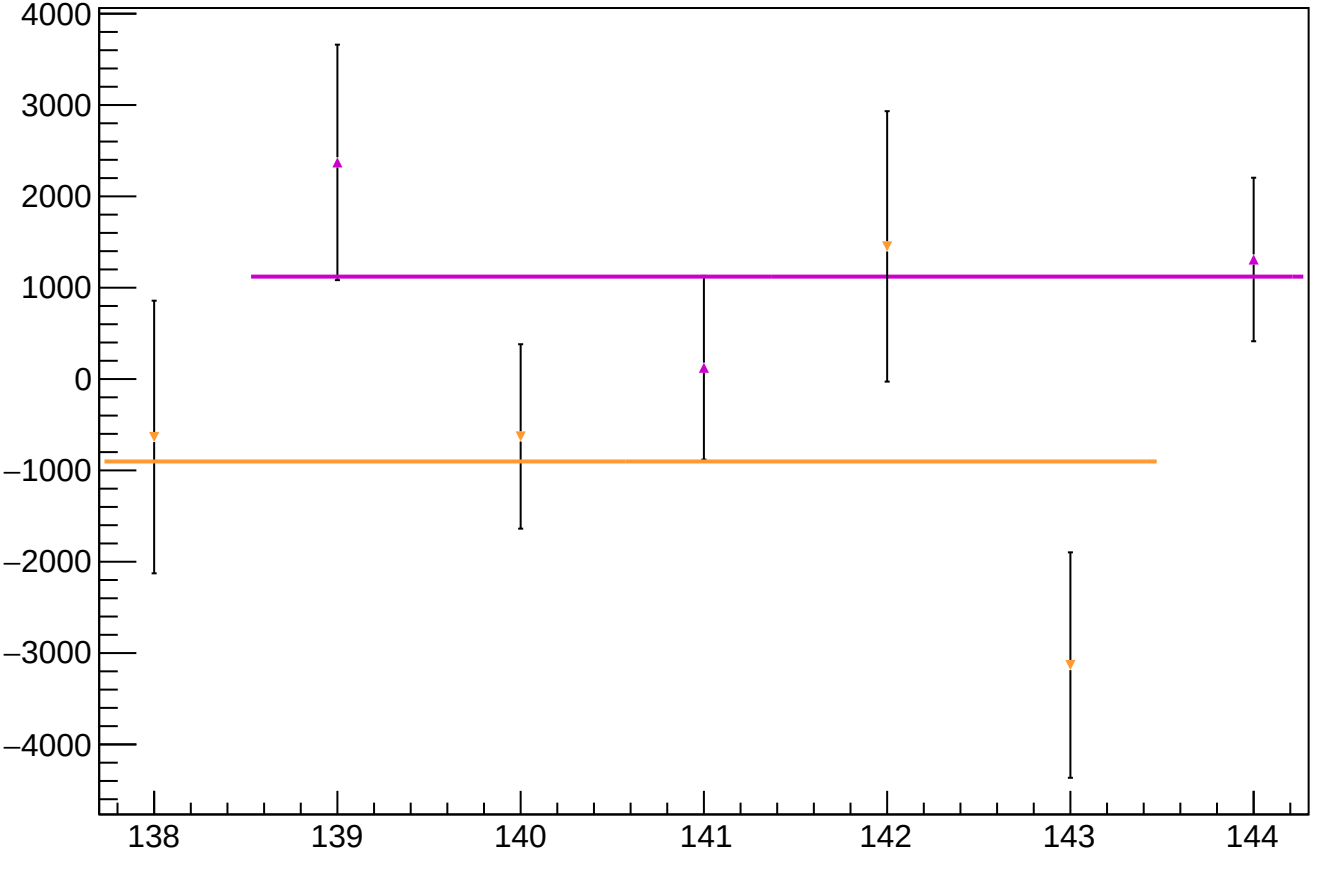
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 133.078+/-0.060 χ^2/NDF:3136.0/2

Out: 146.243+/-0.064 χ^2/NDF:26960.0/3

All: 139.243+/-0.044 χ^2/NDF: 52315.9/6

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -902.298+/-627.048 χ^2/NDF:5.9/3

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

Left In: 1121.448+/-593.501 χ^2/NDF:2.0/2

Left: 165.156+/-431.040 χ^2/NDF: 13.4/6

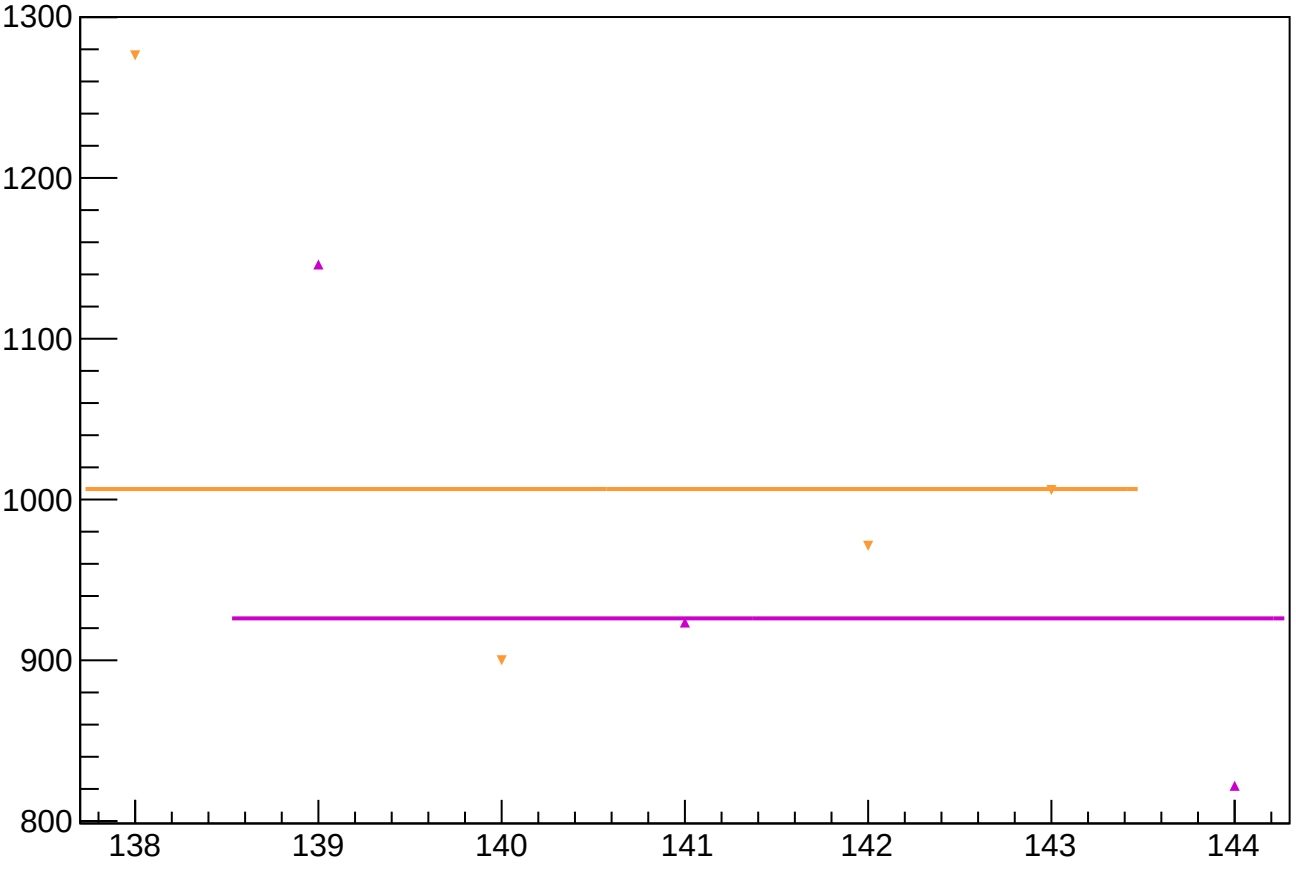
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1121.448+/-593.501 χ^2/NDF:2.0/2

Out: -902.298+/-627.048 χ^2/NDF:5.9/3

All: 165.156+/-431.040 χ^2/NDF: 13.4/6

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1006.538+/-0.443 χ^2/NDF:88725.9/3

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

Left In: 926.082+/-0.420 χ^2/NDF:85404.8/2

Left: 964.100+/-0.305 χ^2/NDF: 191498.1/6

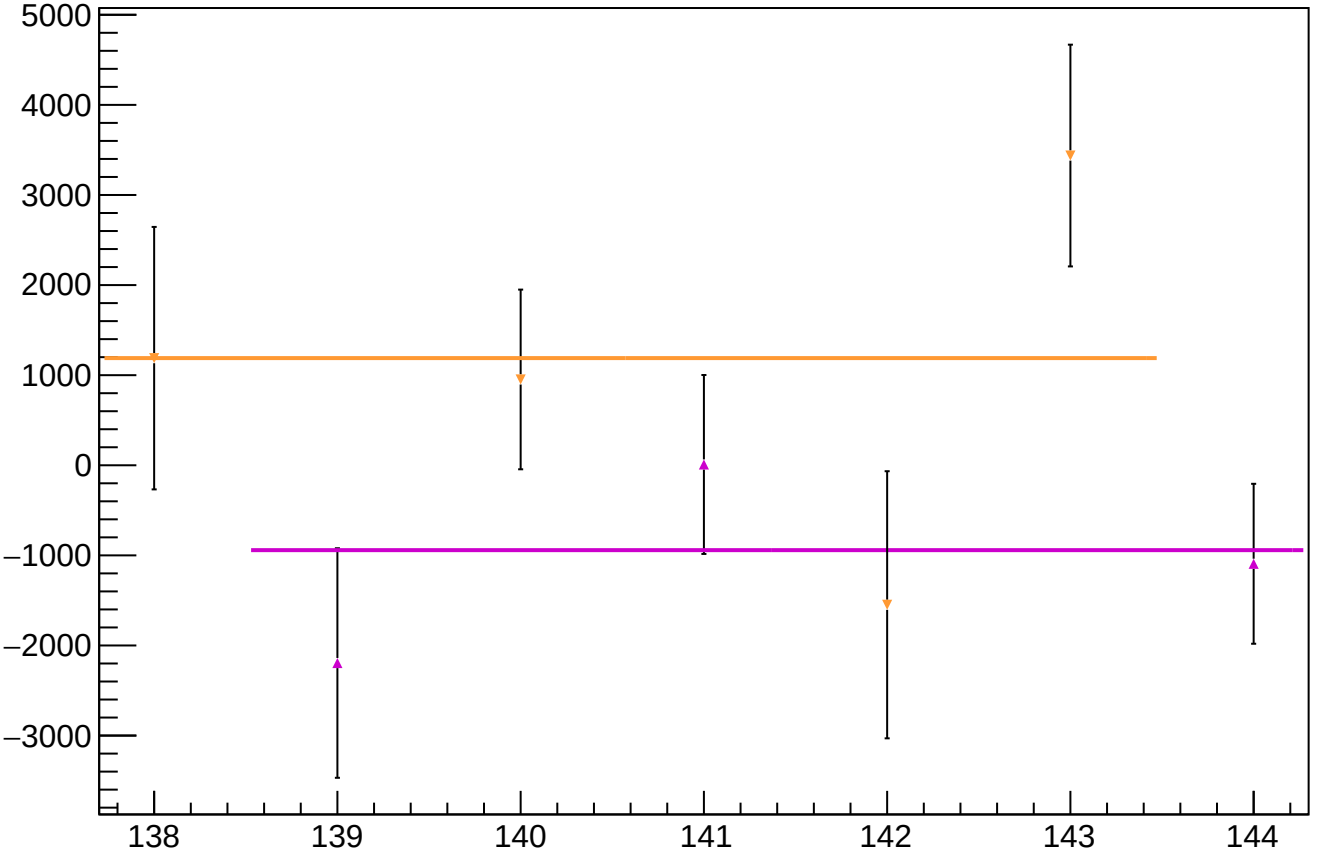
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 926.082+/-0.420 χ^2/NDF:85404.8/2

Out: 1006.538+/-0.443 χ^2/NDF:88725.9/3

All: 964.100+/-0.305 χ^2/NDF: 191498.1/6

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1189.599+/-621.082 χ^2/NDF:6.8/3

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

Left In: -941.951+/-587.260 χ^2/NDF:1.9/2

Left: 64.206+/-426.712 χ^2/NDF: 14.9/6

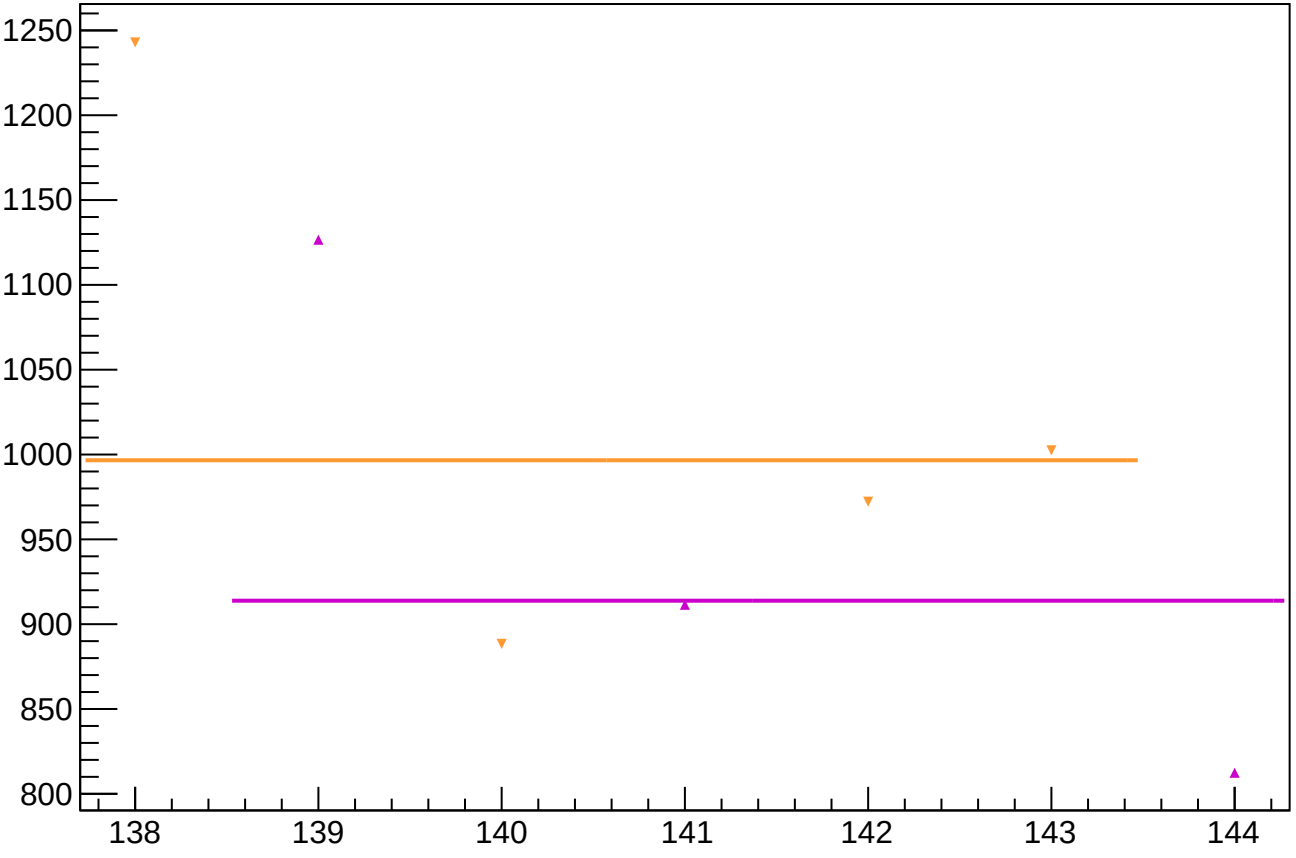
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -941.951+/-587.260 χ^2/NDF:1.9/2

Out: 1189.599+/-621.082 χ^2/NDF:6.8/3

All: 64.206+/-426.712 χ^2/NDF: 14.9/6

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 996.616+/-0.439 χ^2/NDF:81342.4/3

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

Left In: 913.832+/-0.415 χ^2/NDF:81928.5/2

Left: 952.909+/-0.302 χ^2/NDF: 182030.7/6

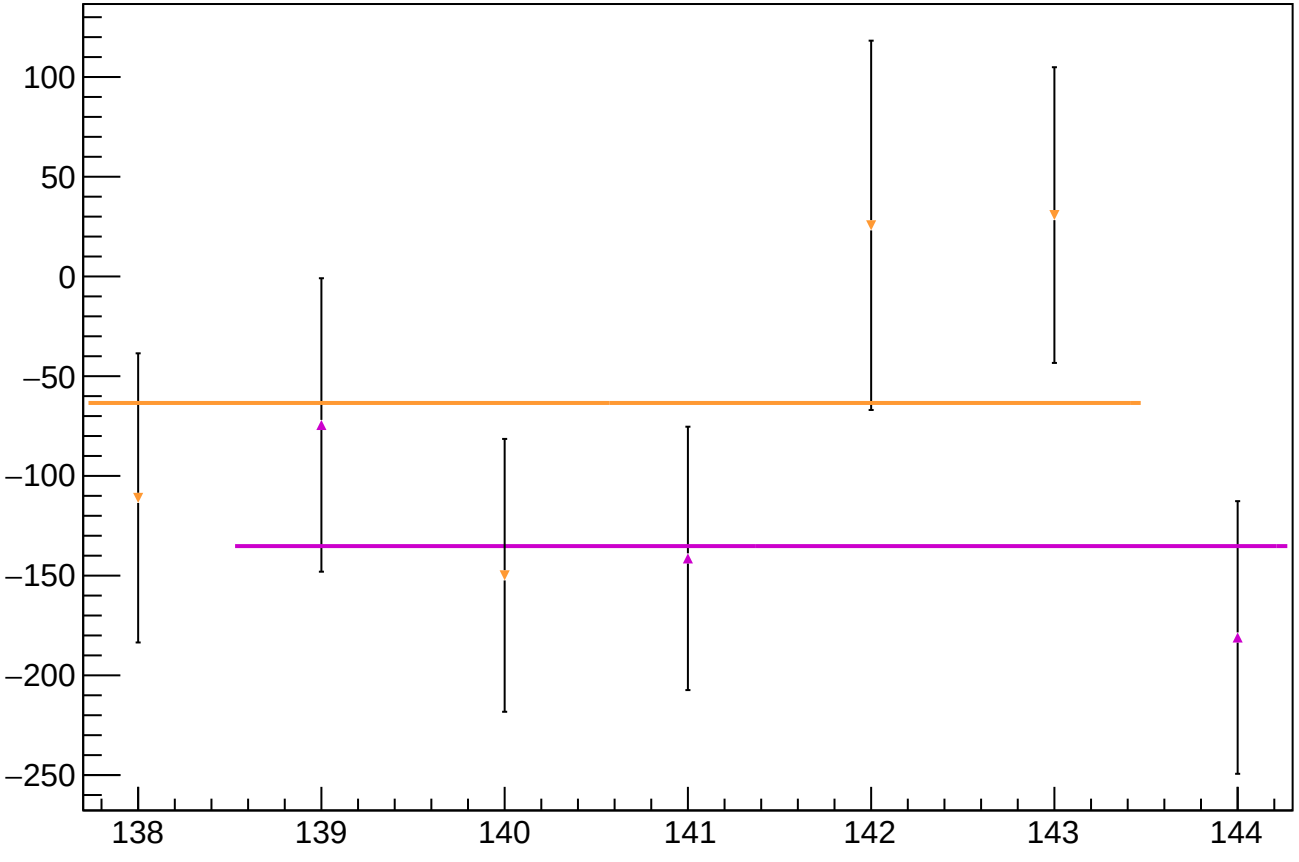
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 913.832+/-0.415 χ^2/NDF:81928.5/2

Out: 996.616+/-0.439 χ^2/NDF:81342.4/3

All: 952.909+/-0.302 χ^2/NDF: 182030.7/6

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: -63.426+/-37.726 χ^2/NDF:4.6/3

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

Left In: -135.194+/-39.898 χ^2/NDF:1.1/2

Left: -97.303+/-27.412 χ^2/NDF: 7.4/6

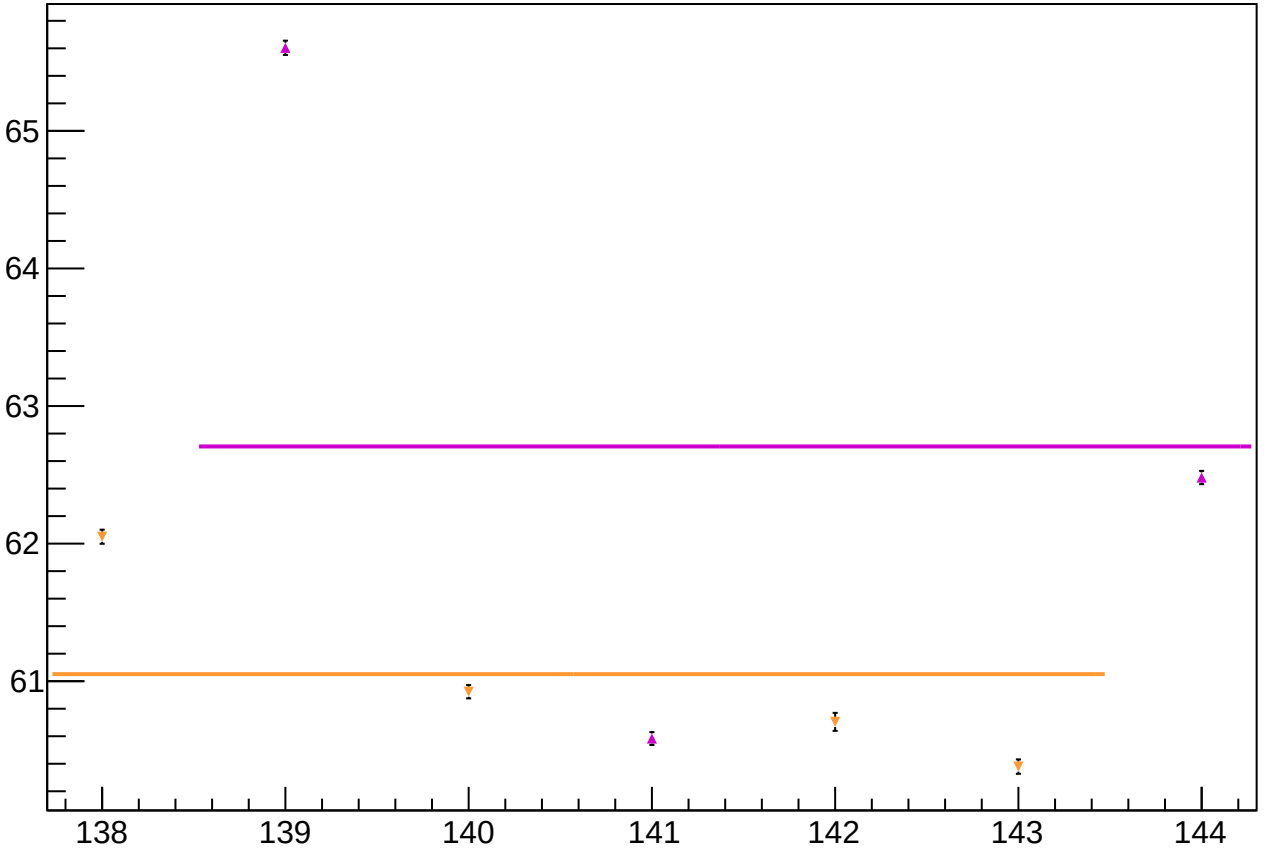
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -135.194+/-39.898 χ^2/NDF:1.1/2

Out: -63.426+/-37.726 χ^2/NDF:4.6/3

All: -97.303+/-27.412 χ^2/NDF: 7.4/6

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: 61.051+/-0.027 χ^2/NDF:579.1/3

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

Left In: 62.706+/-0.028 χ^2/NDF:5191.8/2

Left: 61.833+/-0.019 χ^2/NDF: 7587.4/6

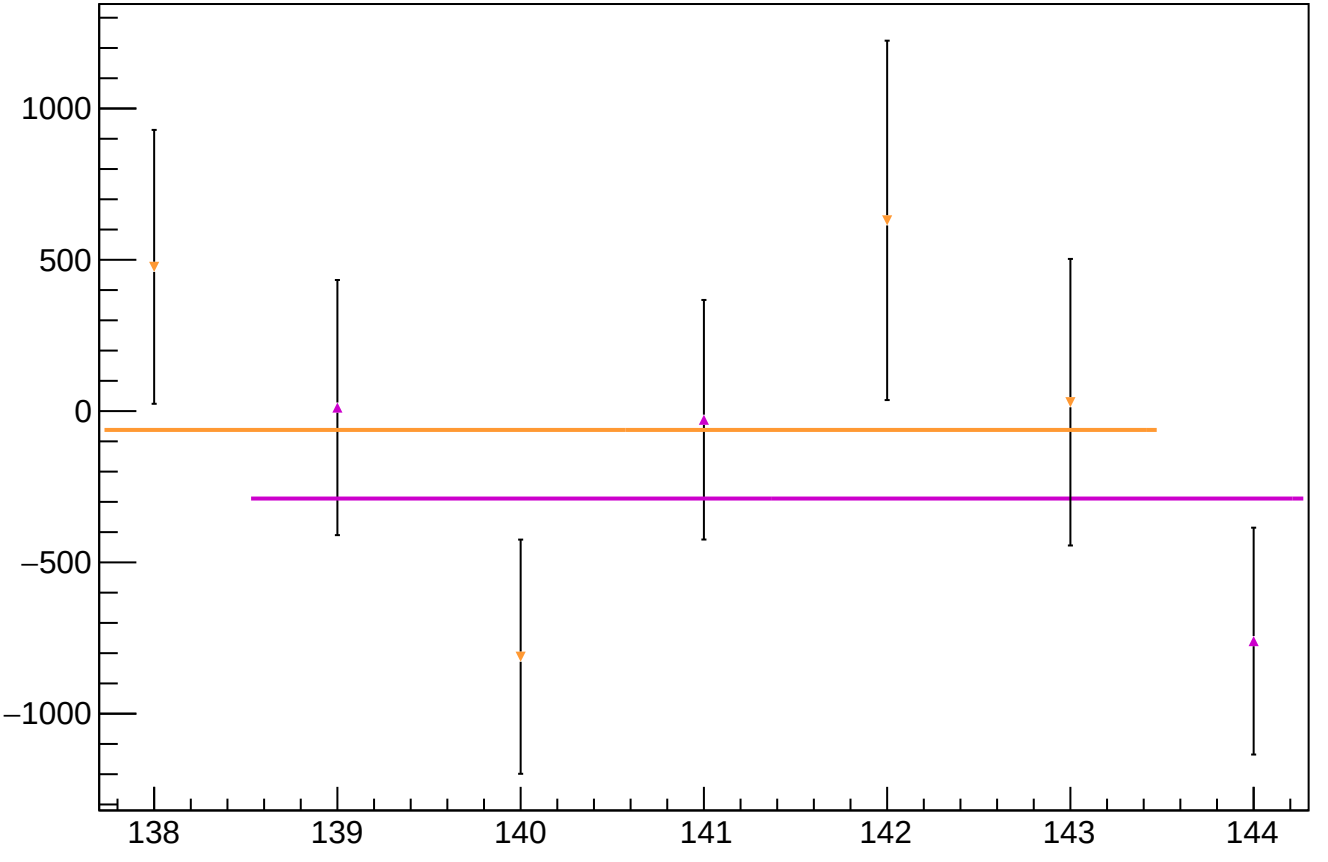
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.706+/-0.028 χ^2/NDF:5191.8/2

Out: 61.051+/-0.027 χ^2/NDF:579.1/3

All: 61.833+/-0.019 χ^2/NDF: 7587.4/6

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: -62.240+/-230.291 χ^2/NDF:6.6/3

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

Left In: -288.975+/-228.667 χ^2/NDF:2.5/2

Left: -176.410+/-162.263 χ^2/NDF: 9.6/6

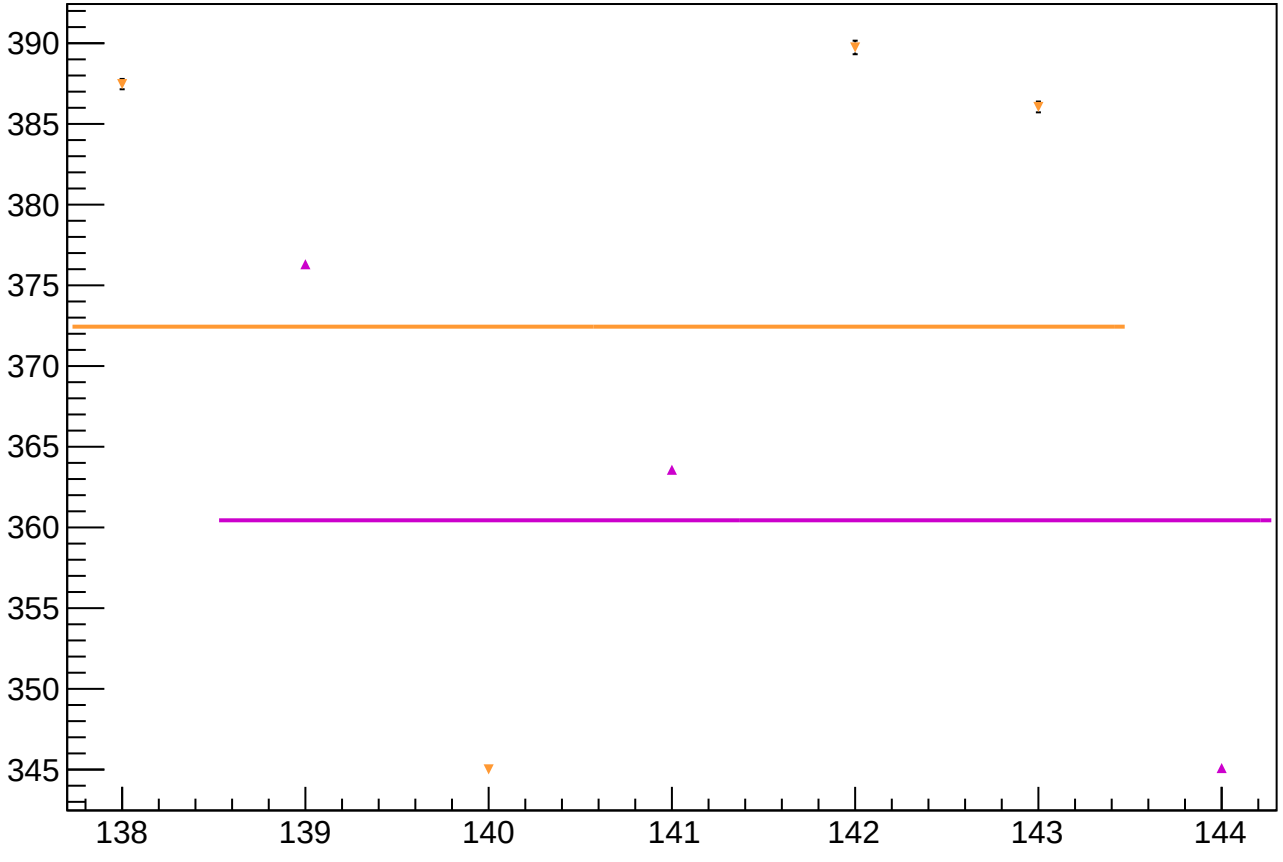
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -288.975+/-228.667 χ^2/NDF:2.5/2

Out: -62.240+/-230.291 χ^2/NDF:6.6/3

All: -176.410+/-162.263 χ^2/NDF: 9.6/6

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: 372.440+/-0.163 χ^2/NDF:15602.3/3

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

Left In: 360.443+/-0.162 χ^2/NDF:6310.7/2

Left: 366.399+/-0.115 χ^2/NDF: 24645.9/6

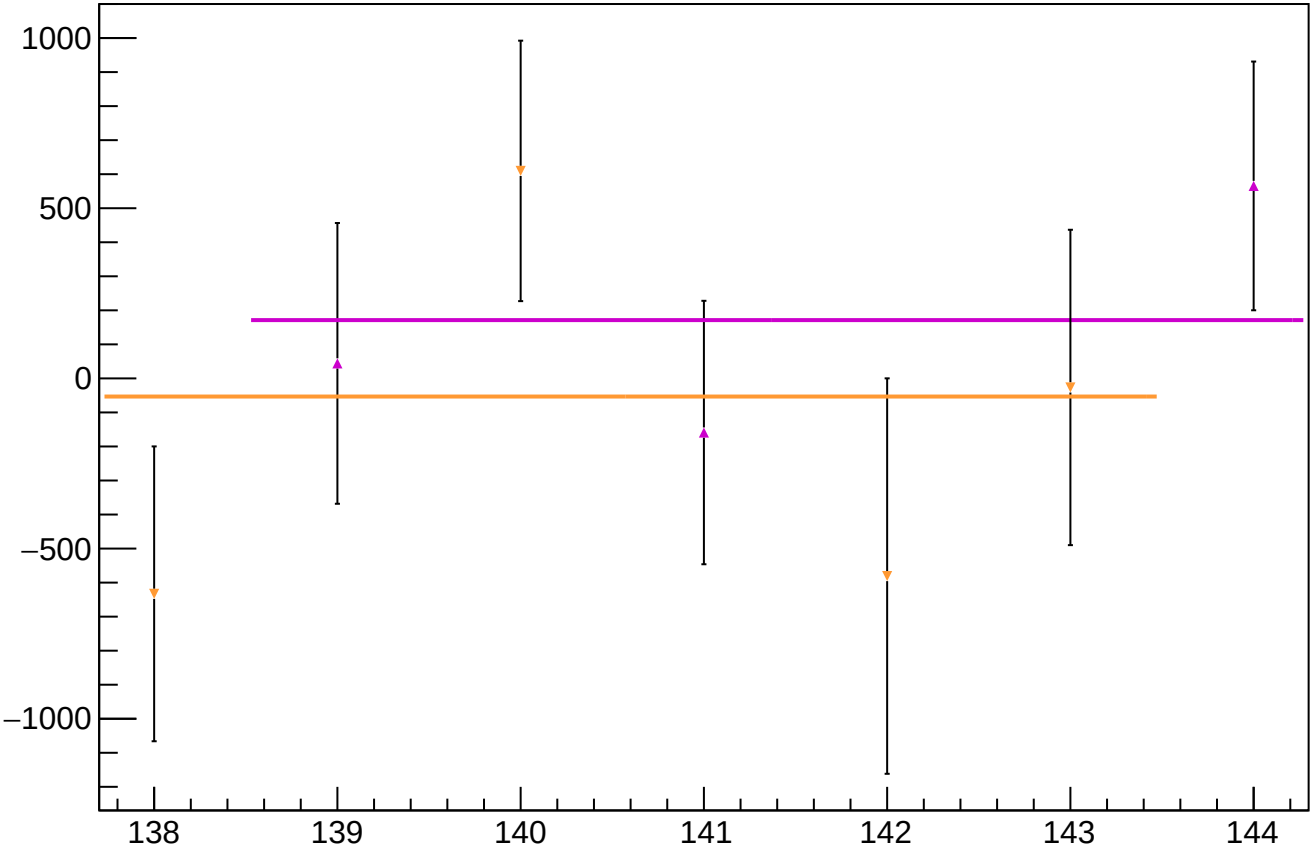
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 360.443+/-0.162 χ^2/NDF:6310.7/2

Out: 372.440+/-0.163 χ^2/NDF:15602.3/3

All: 366.399+/-0.115 χ^2/NDF: 24645.9/6

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -53.293+/-224.835 χ^2/NDF:5.6/3

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

Left In: 171.287+/-223.357 χ^2/NDF:2.0/2

Left: 59.737+/-158.457 χ^2/NDF: 8.1/6

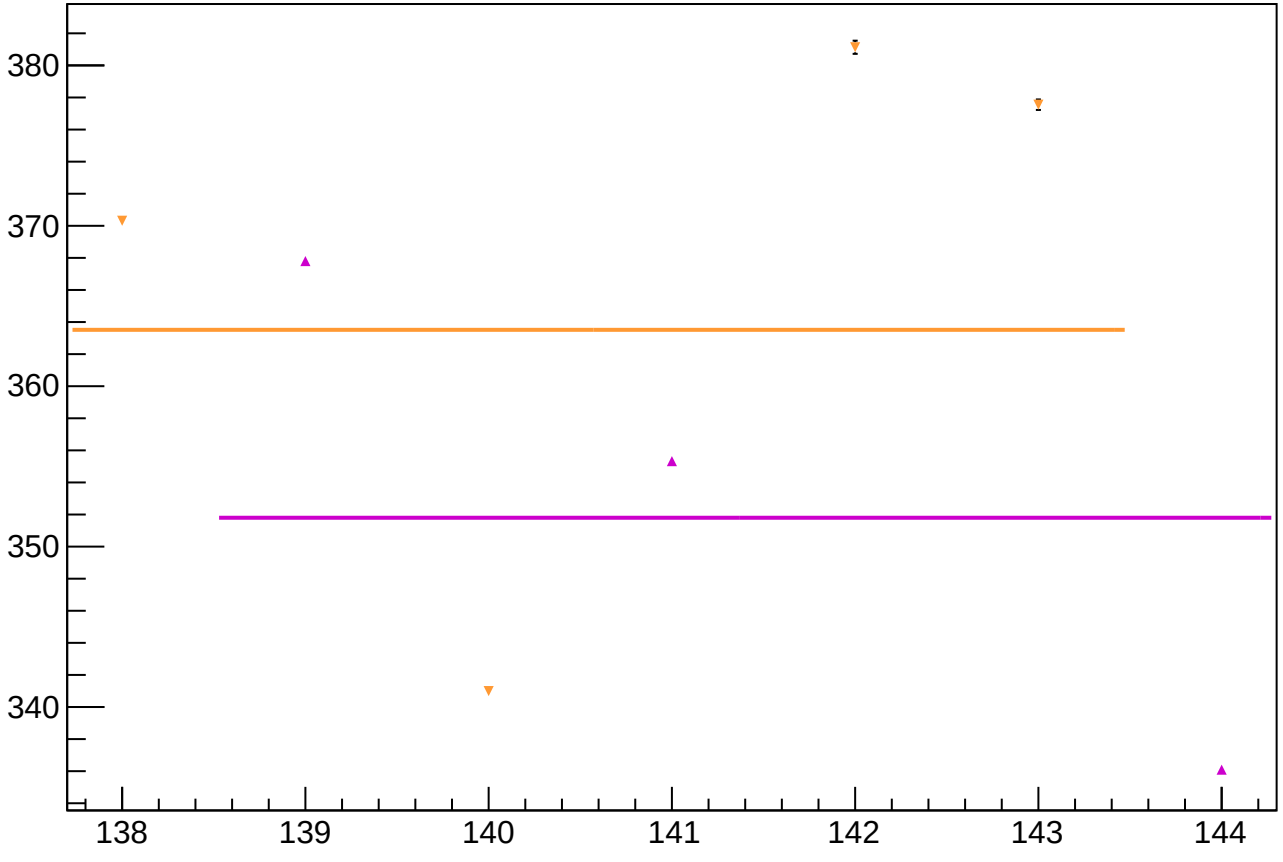
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 171.287+/-223.357 χ^2/NDF:2.0/2

Out: -53.293+/-224.835 χ^2/NDF:5.6/3

All: 59.737+/-158.457 χ^2/NDF: 8.1/6

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 363.515+/-0.159 χ^2/NDF:11097.0/3

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

Left In: 351.799+/-0.158 χ^2/NDF:6871.5/2

Left: 357.619+/-0.112 χ^2/NDF: 20701.6/6

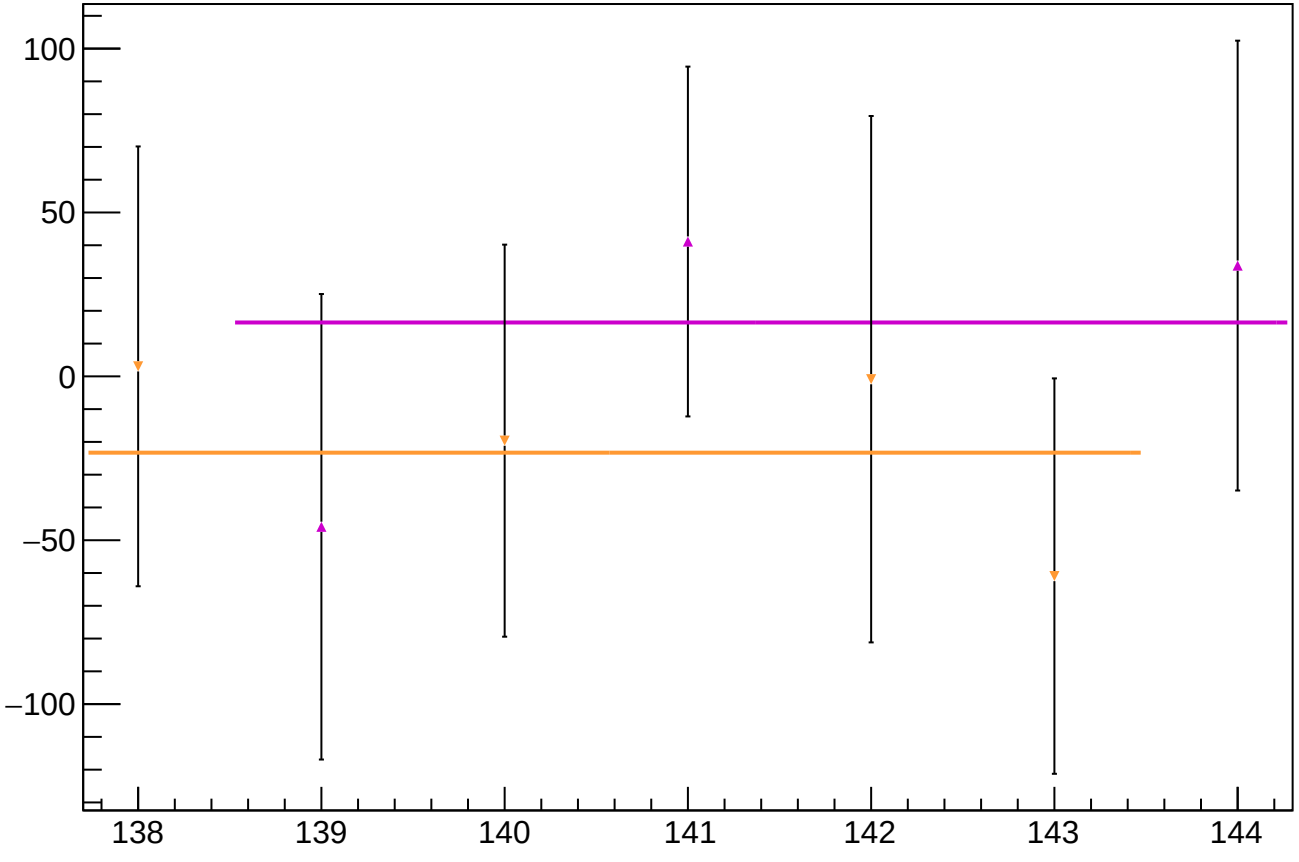
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 351.799+/-0.158 χ^2/NDF:6871.5/2

Out: 363.515+/-0.159 χ^2/NDF:11097.0/3

All: 357.619+/-0.112 χ^2/NDF: 20701.6/6

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: -23.283+/-32.764 χ^2/NDF:0.6/3

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

Left In: 16.436+/-36.232 χ^2/NDF:1.0/2

Left: -5.415+/-24.301 χ^2/NDF: 2.3/6

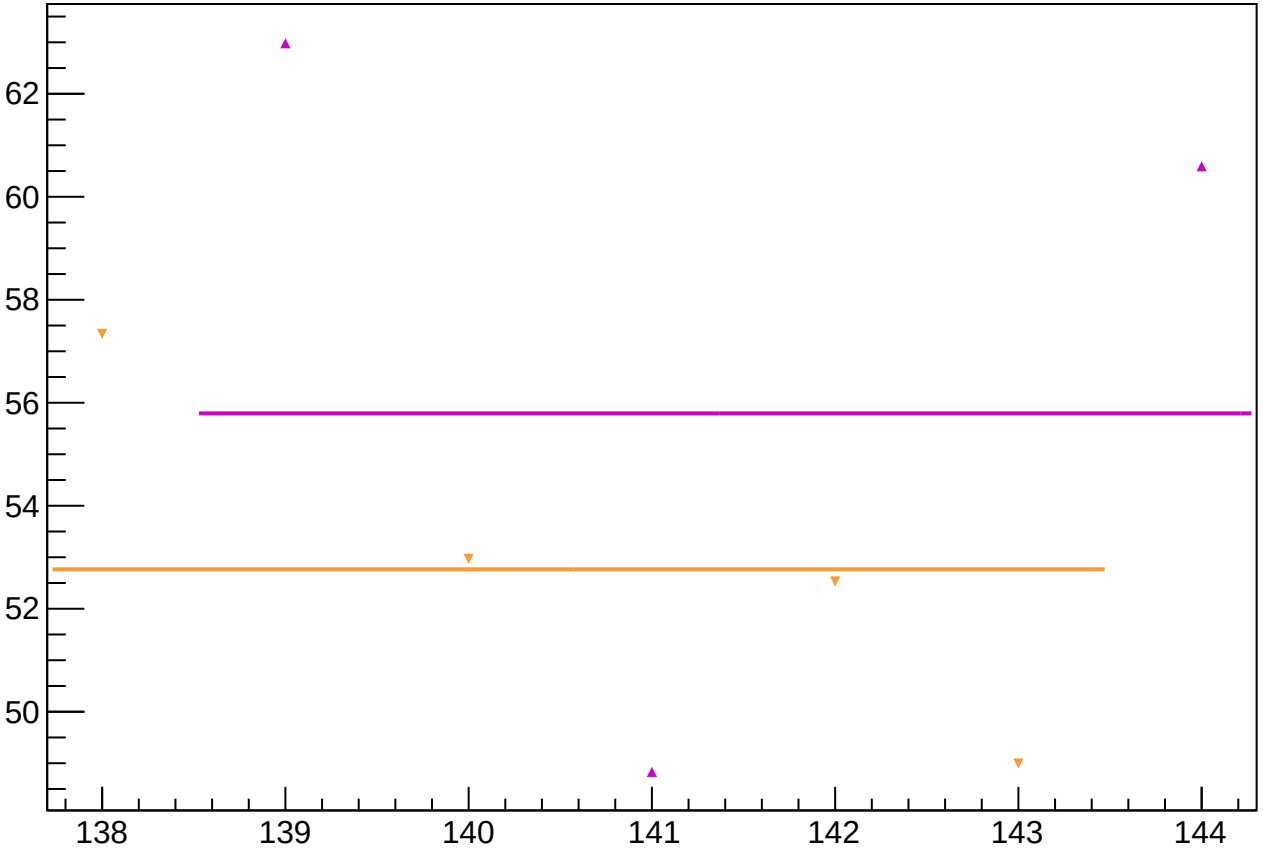
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.436+/-36.232 χ^2/NDF:1.0/2

Out: -23.283+/-32.764 χ^2/NDF:0.6/3

All: -5.415+/-24.301 χ^2/NDF: 2.3/6

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: 52.766+/-0.023 χ^2/NDF:17144.3/3

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

Left In: 55.794+/-0.026 χ^2/NDF:64301.7/2

Left: 54.128+/-0.017 χ^2/NDF: 89129.3/6

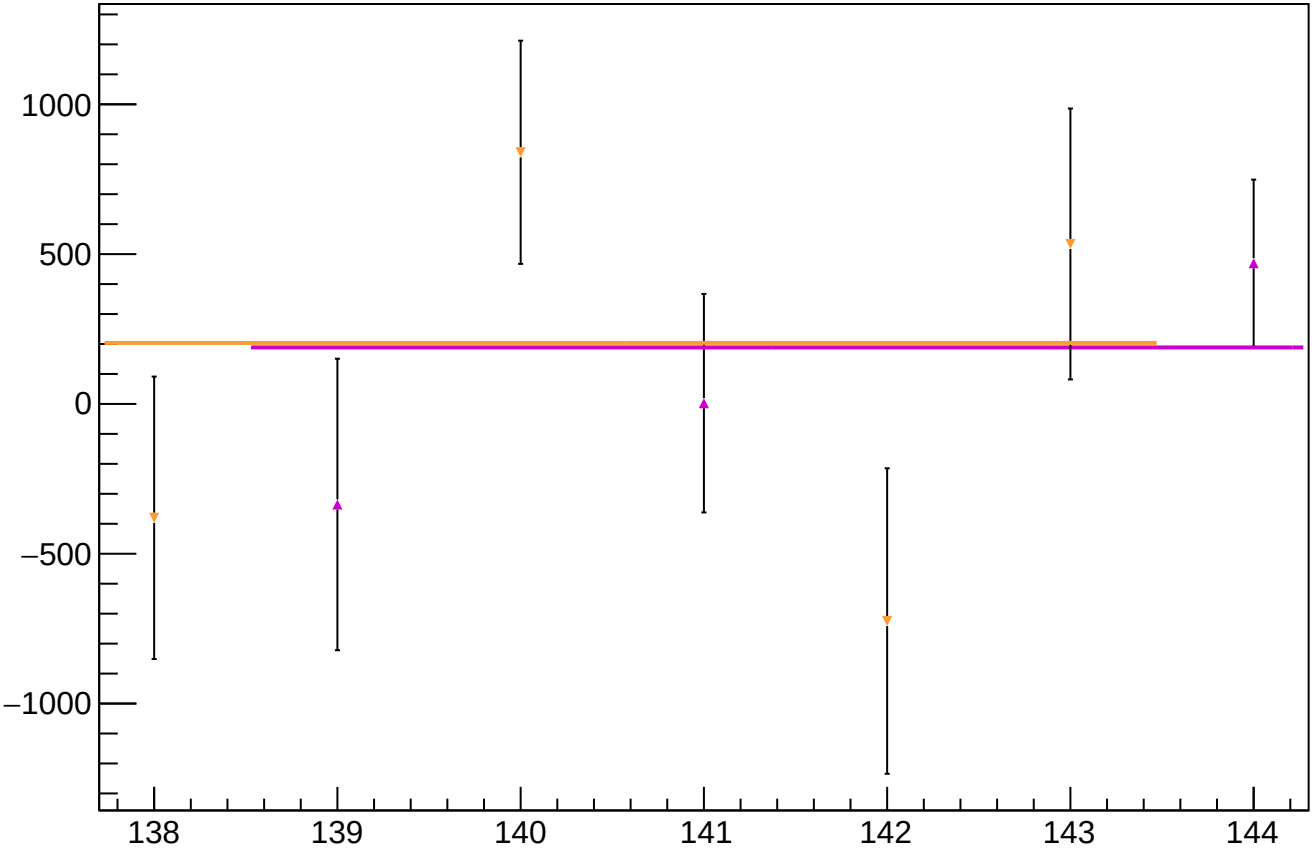
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 55.794+/-0.026 χ^2/NDF:64301.7/2

Out: 52.766+/-0.023 χ^2/NDF:17144.3/3

All: 54.128+/-0.017 χ^2/NDF: 89129.3/6

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: 203.753+/-221.149 χ^2/NDF:8.3/3

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

Left In: 188.529+/-201.625 χ^2/NDF:2.4/2

Left: 195.440+/-148.995 χ^2/NDF: 10.7/6

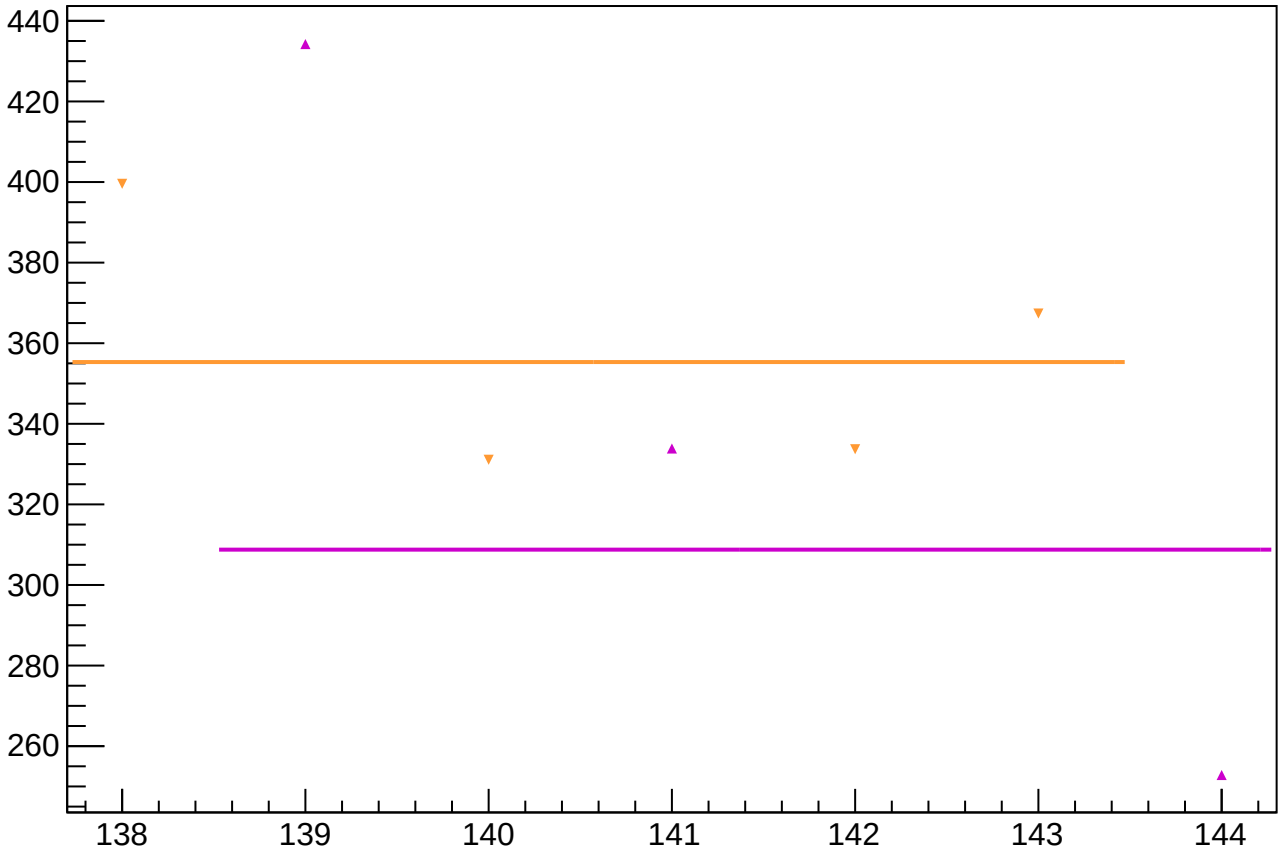
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 188.529+/-201.625 χ^2/NDF:2.4/2

Out: 203.753+/-221.149 χ^2/NDF:8.3/3

All: 195.440+/-148.995 χ^2/NDF: 10.7/6

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: 355.325+/-0.156 χ^2/NDF:31110.2/3

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

Left In: 308.770+/-0.143 χ^2/NDF:222939.8/2

Left: 329.902+/-0.105 χ^2/NDF: 302452.3/6

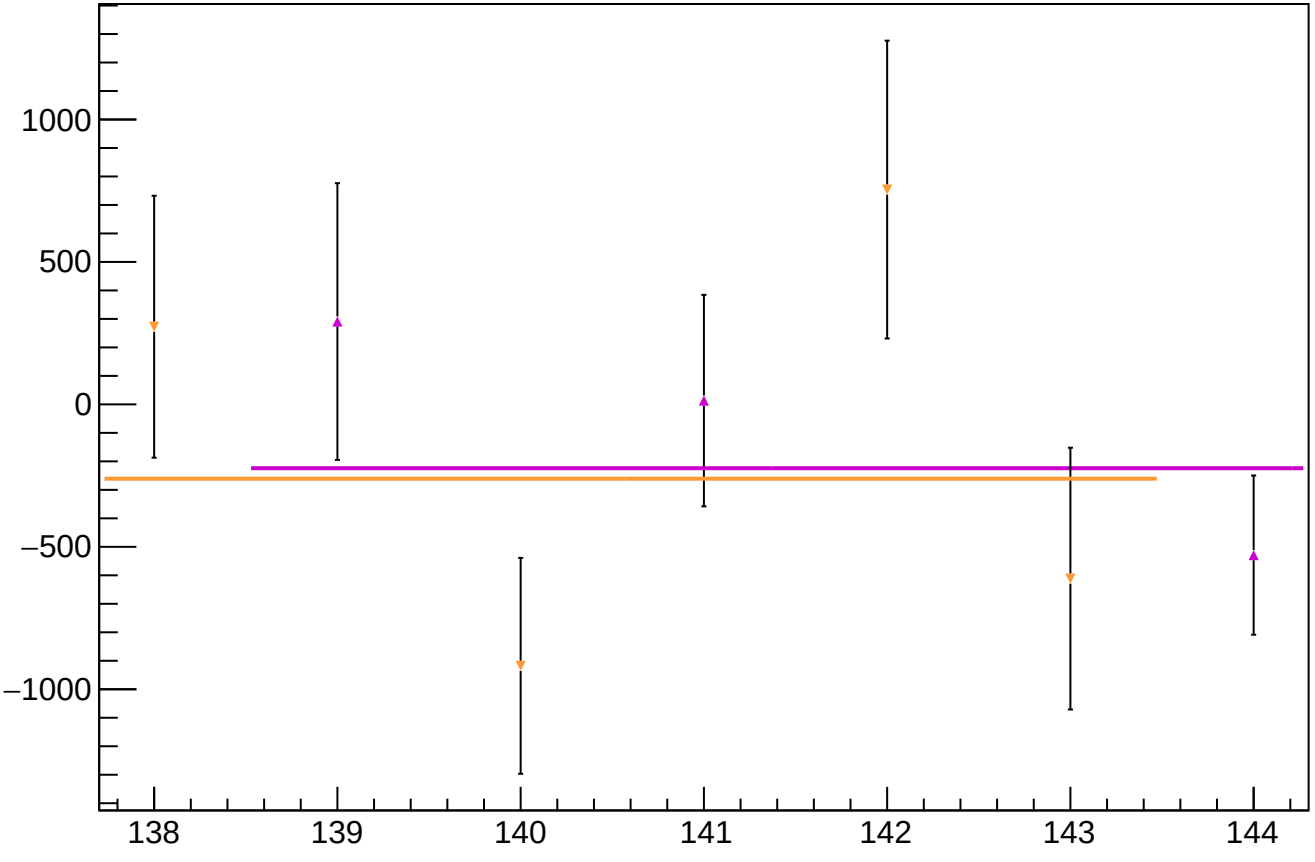
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 308.770+/-0.143 χ^2/NDF:222939.8/2

Out: 355.325+/-0.156 χ^2/NDF:31110.2/3

All: 329.902+/-0.105 χ^2/NDF: 302452.3/6

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -260.739+/-223.085 χ^2/NDF:8.7/3

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

Left In: -224.120+/-202.830 χ^2/NDF:2.7/2

Left: -240.692+/-150.074 χ^2/NDF: 11.4/6

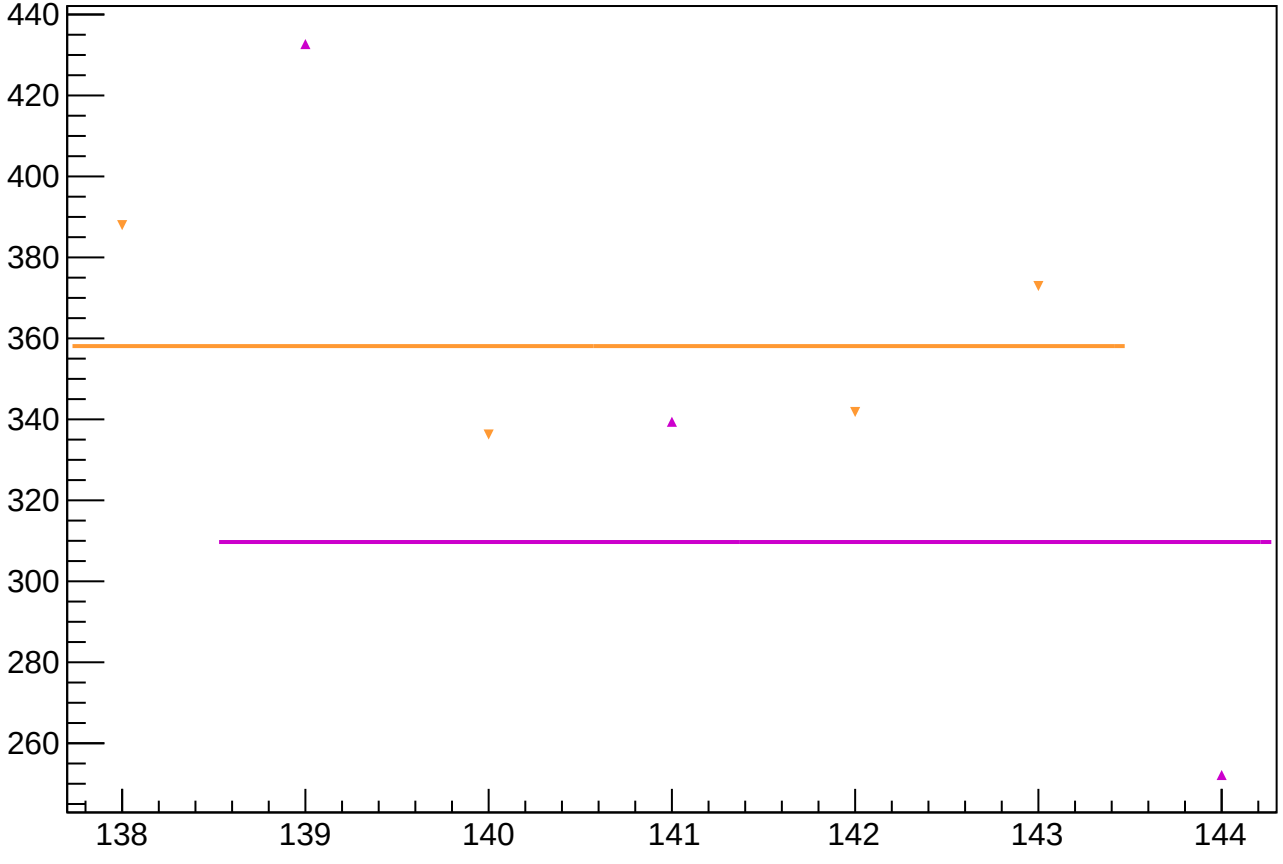
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -224.120+/-202.830 χ^2/NDF:2.7/2

Out: -260.739+/-223.085 χ^2/NDF:8.7/3

All: -240.692+/-150.074 χ^2/NDF: 11.4/6

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 358.096+/-0.158 χ^2/NDF:19113.7/3

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

Left In: 309.705+/-0.143 χ^2/NDF:225882.0/2

Left: 331.604+/-0.106 χ^2/NDF: 296513.0/6

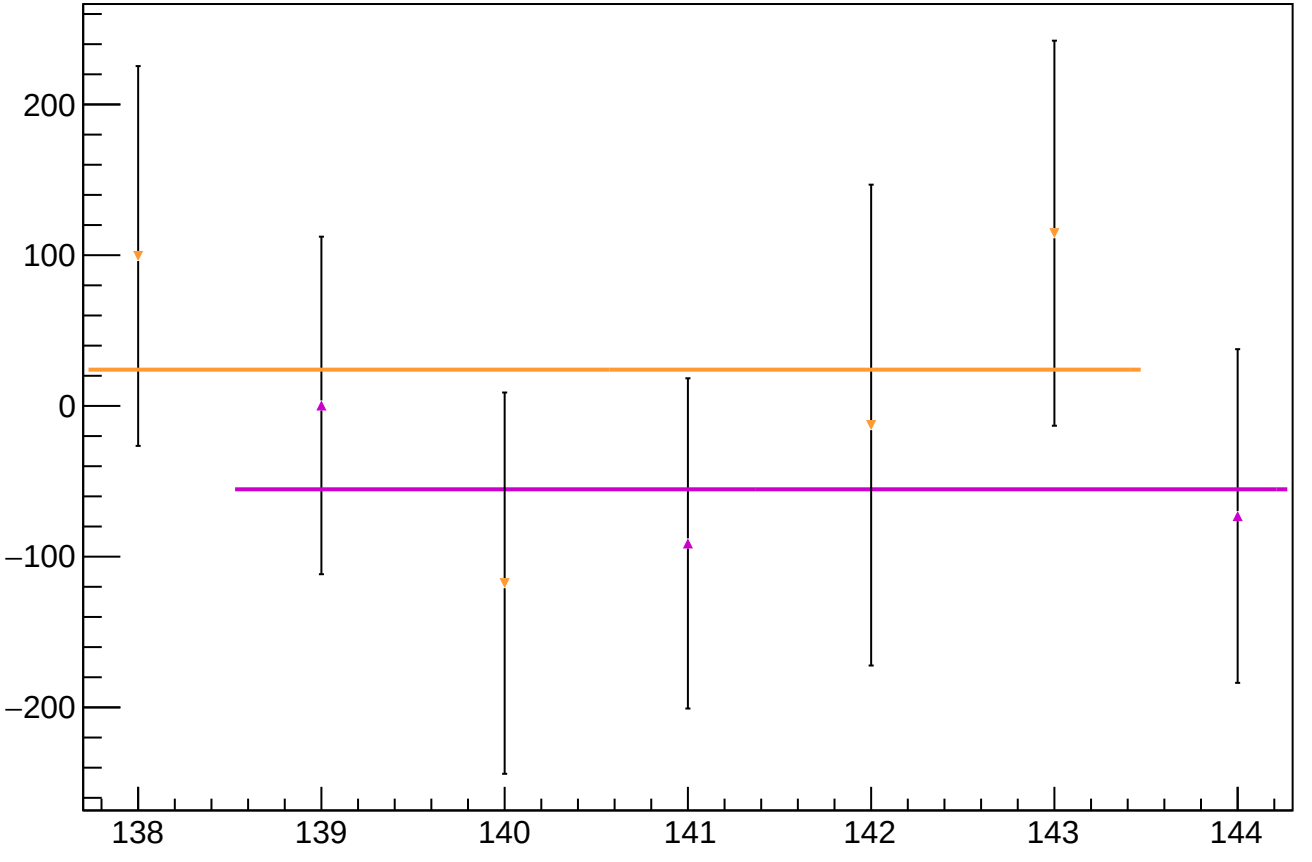
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 309.705+/-0.143 χ^2/NDF:225882.0/2

Out: 358.096+/-0.158 χ^2/NDF:19113.7/3

All: 331.604+/-0.106 χ^2/NDF: 296513.0/6

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: 24.059+/-66.502 χ^2/NDF:2.2/3

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

Left In: -55.312+/-63.923 χ^2/NDF:0.4/2

Left: -17.195+/-46.085 χ^2/NDF: 3.3/6

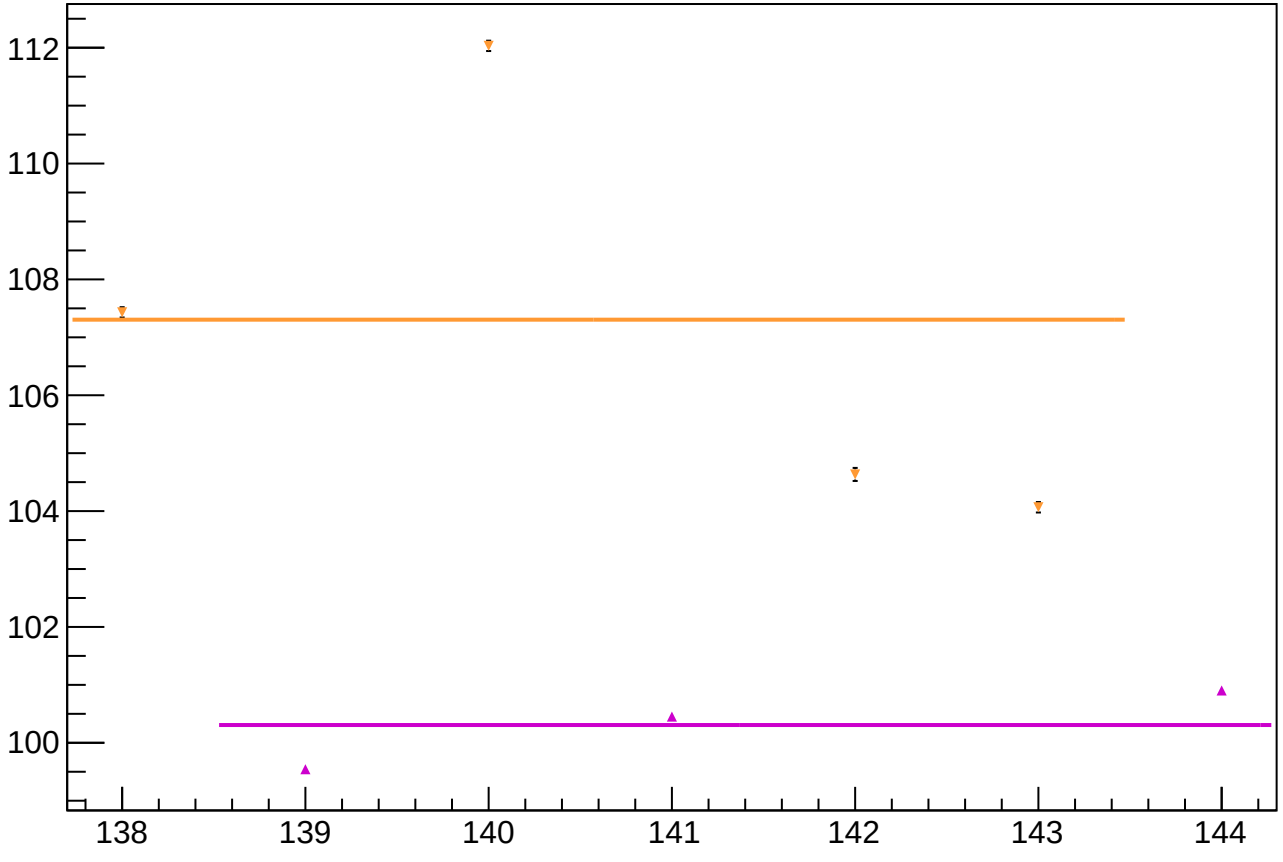
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -55.312+/-63.923 χ^2/NDF:0.4/2

Out: 24.059+/-66.502 χ^2/NDF:2.2/3

All: -17.195+/-46.085 χ^2/NDF: 3.3/6

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: 107.305+/-0.047 χ^2/NDF:4643.3/3

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

Left In: 100.307+/-0.045 χ^2/NDF:154.5/2

Left: 103.667+/-0.033 χ^2/NDF: 16308.9/6

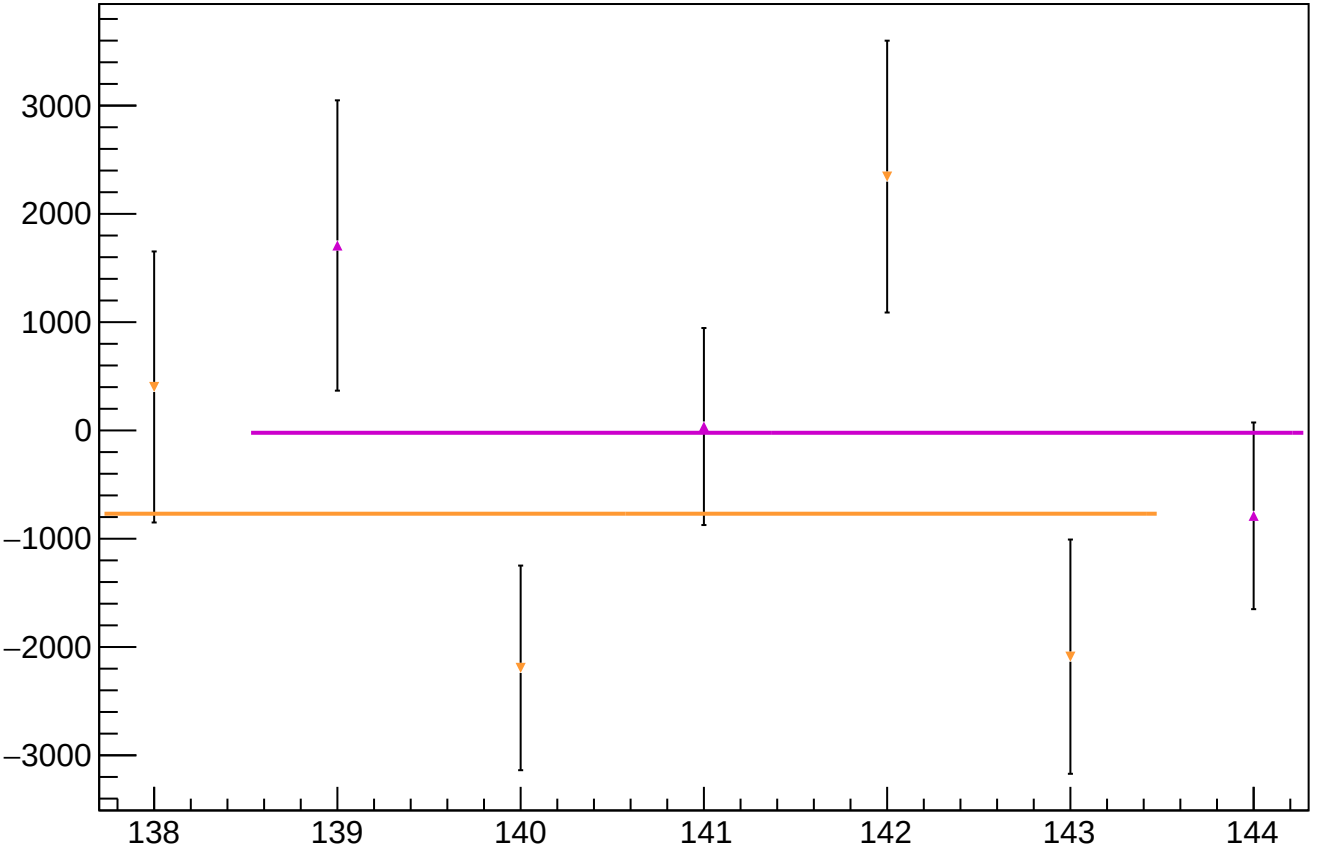
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 100.307+/-0.045 χ^2/NDF:154.5/2

Out: 107.305+/-0.047 χ^2/NDF:4643.3/3

All: 103.667+/-0.033 χ^2/NDF: 16308.9/6

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: -768.977+/-554.875 χ^2/NDF:10.8/3

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

Left In: -21.607+/-566.960 χ^2/NDF:2.5/2

Left: -403.342+/-396.559 χ^2/NDF: 14.1/6

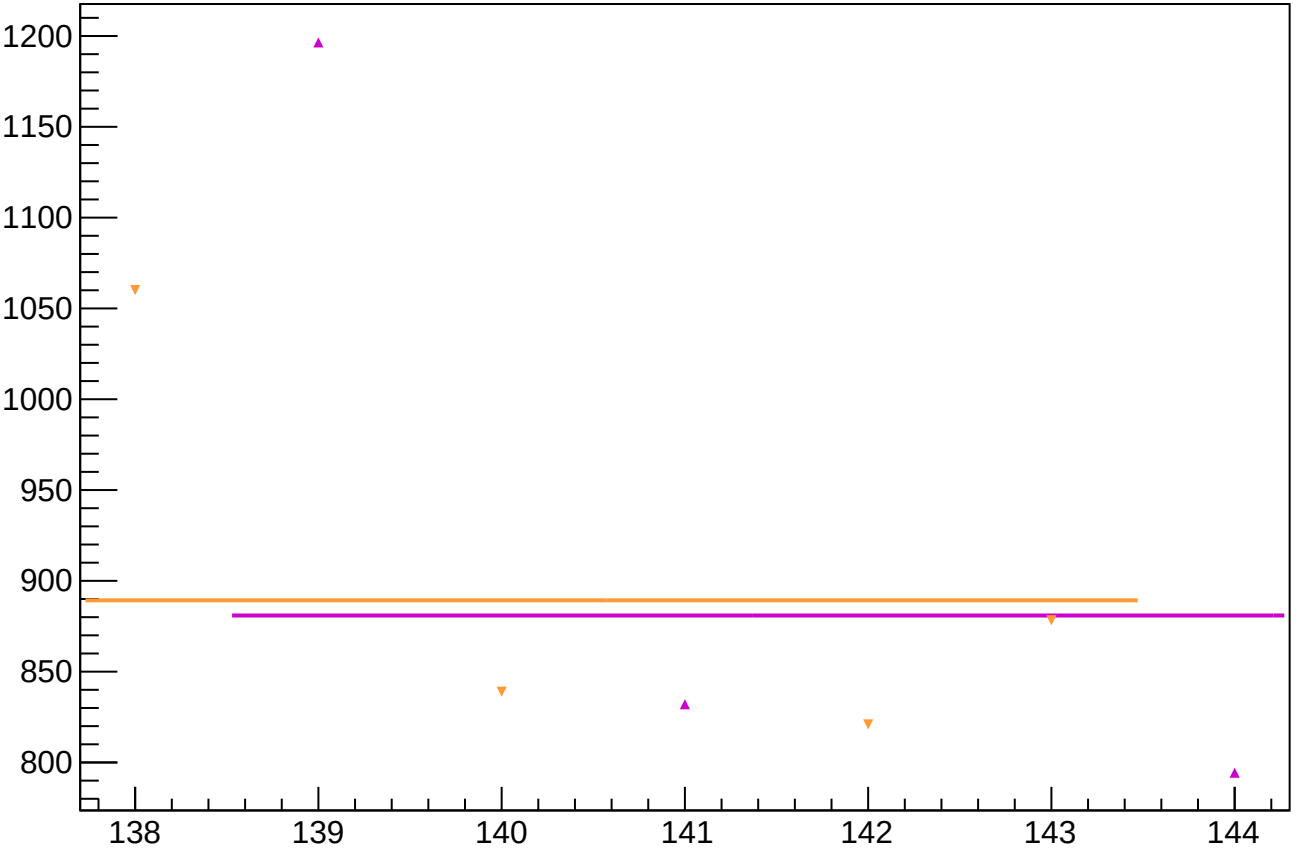
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.607+/-566.960 χ^2/NDF:2.5/2

Out: -768.977+/-554.875 χ^2/NDF:10.8/3

All: -403.342+/-396.559 χ^2/NDF: 14.1/6

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: 889.262+/-0.392 χ^2/NDF:49067.4/3

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

Left In: 880.929+/-0.401 χ^2/NDF:136761.4/2

Left: 885.185+/-0.280 χ^2/NDF: 186049.4/6

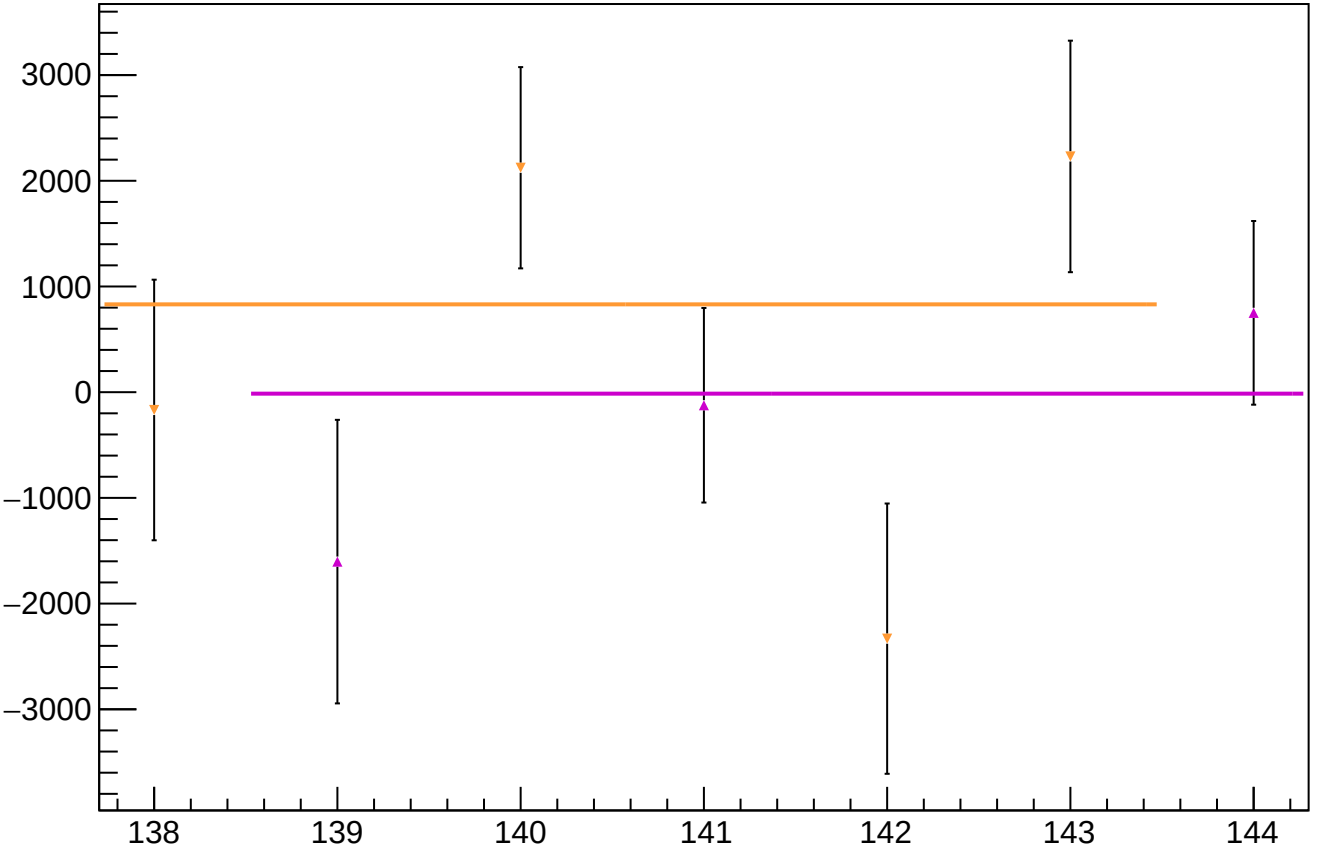
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 880.929+/-0.401 χ^2/NDF:136761.4/2

Out: 889.262+/-0.392 χ^2/NDF:49067.4/3

All: 885.185+/-0.280 χ^2/NDF: 186049.4/6

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 830.940+/-558.430 χ^2/NDF:10.3/3

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

Left In: -13.947+/-571.594 χ^2/NDF:2.2/2

Left: 418.337+/-399.443 χ^2/NDF: 13.6/6

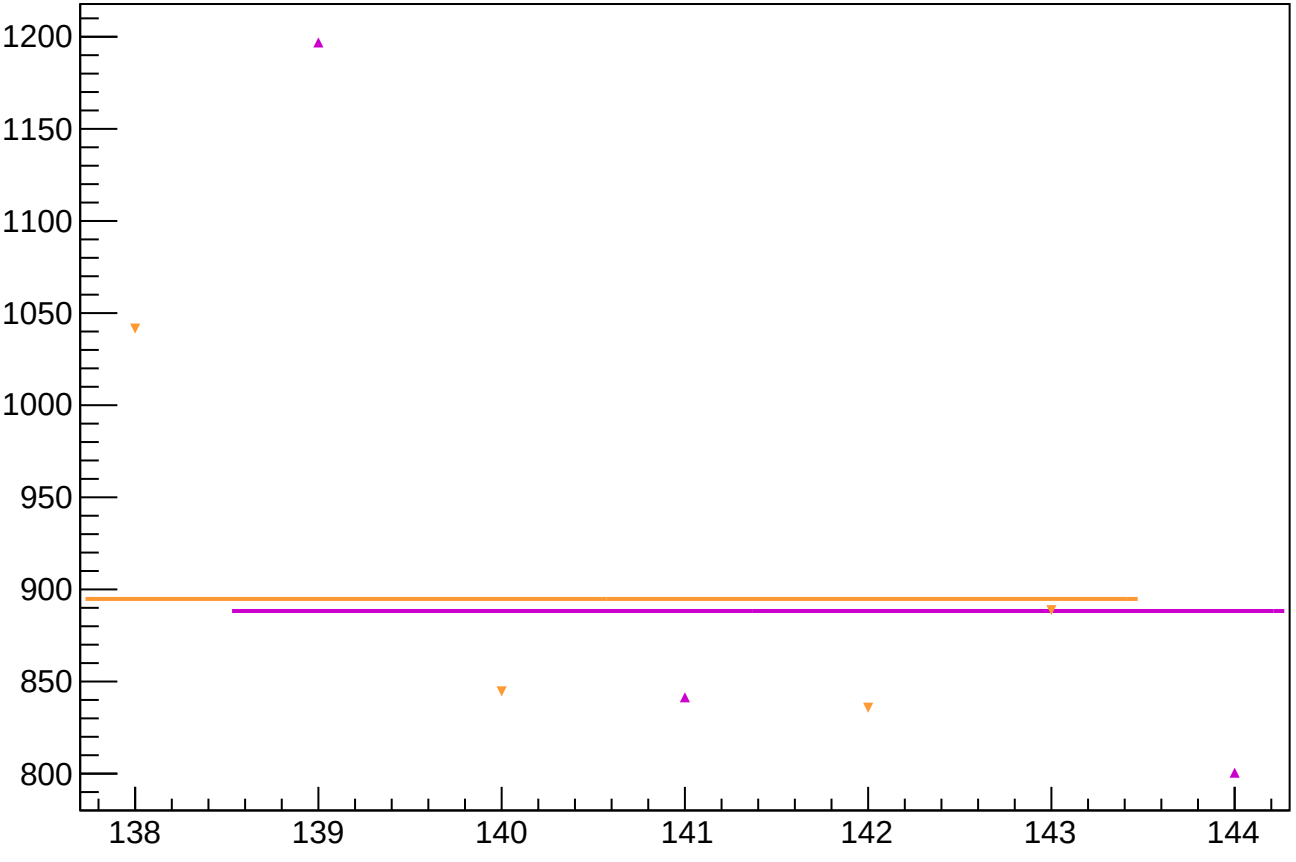
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.947+/-571.594 χ^2/NDF:2.2/2

Out: 830.940+/-558.430 χ^2/NDF:10.3/3

All: 418.337+/-399.443 χ^2/NDF: 13.6/6

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 894.834+/-0.395 χ^2/NDF:38228.1/3

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

Left In: 888.290+/-0.404 χ^2/NDF:131475.4/2

Left: 891.638+/-0.282 χ^2/NDF: 169837.6/6

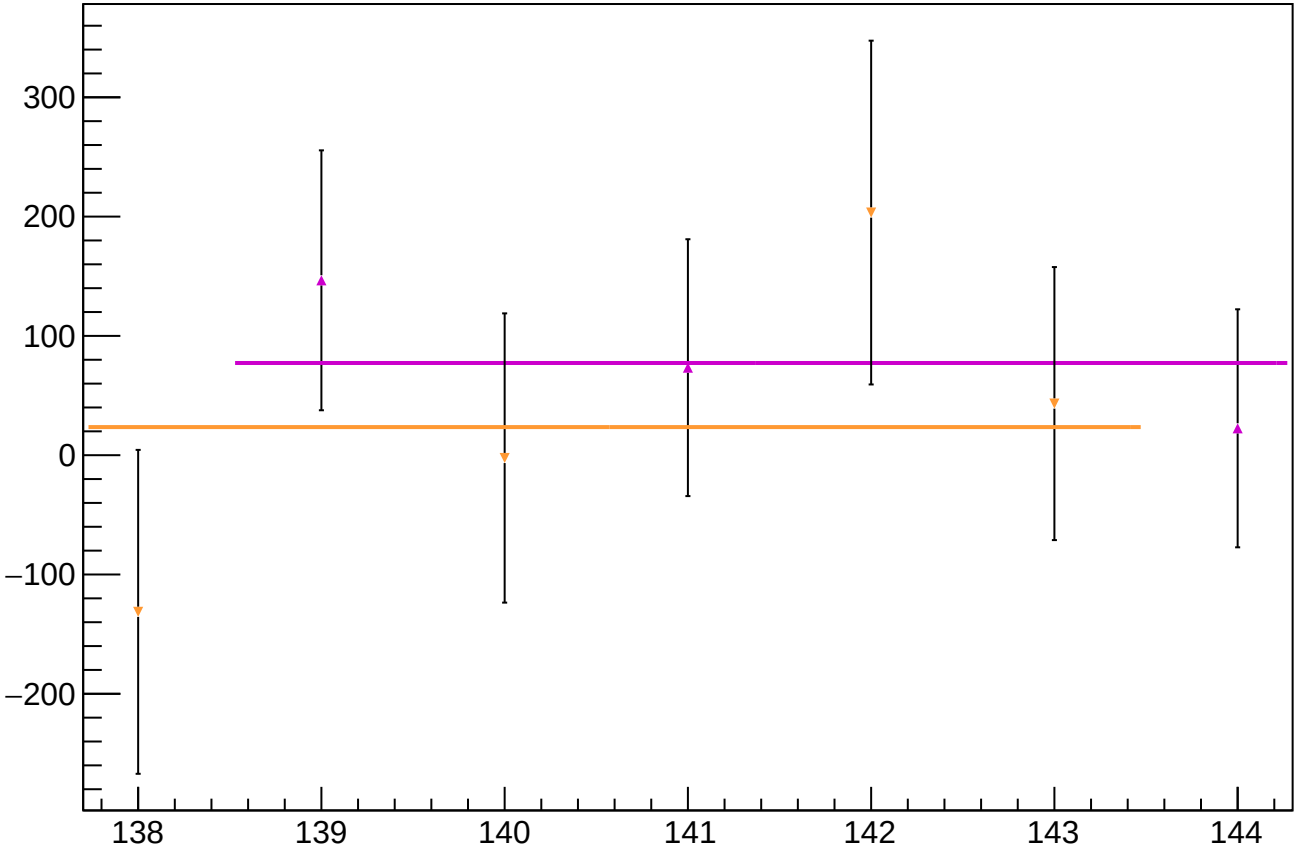
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 888.290+/-0.404 χ^2/NDF:131475.4/2

Out: 894.834+/-0.395 χ^2/NDF:38228.1/3

All: 891.638+/-0.282 χ^2/NDF: 169837.6/6

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: 23.561+/-63.649 χ^2/NDF:2.9/3

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

Left In: 77.294+/-60.741 χ^2/NDF:0.7/2

Left: 51.683+/-43.942 χ^2/NDF: 4.0/6

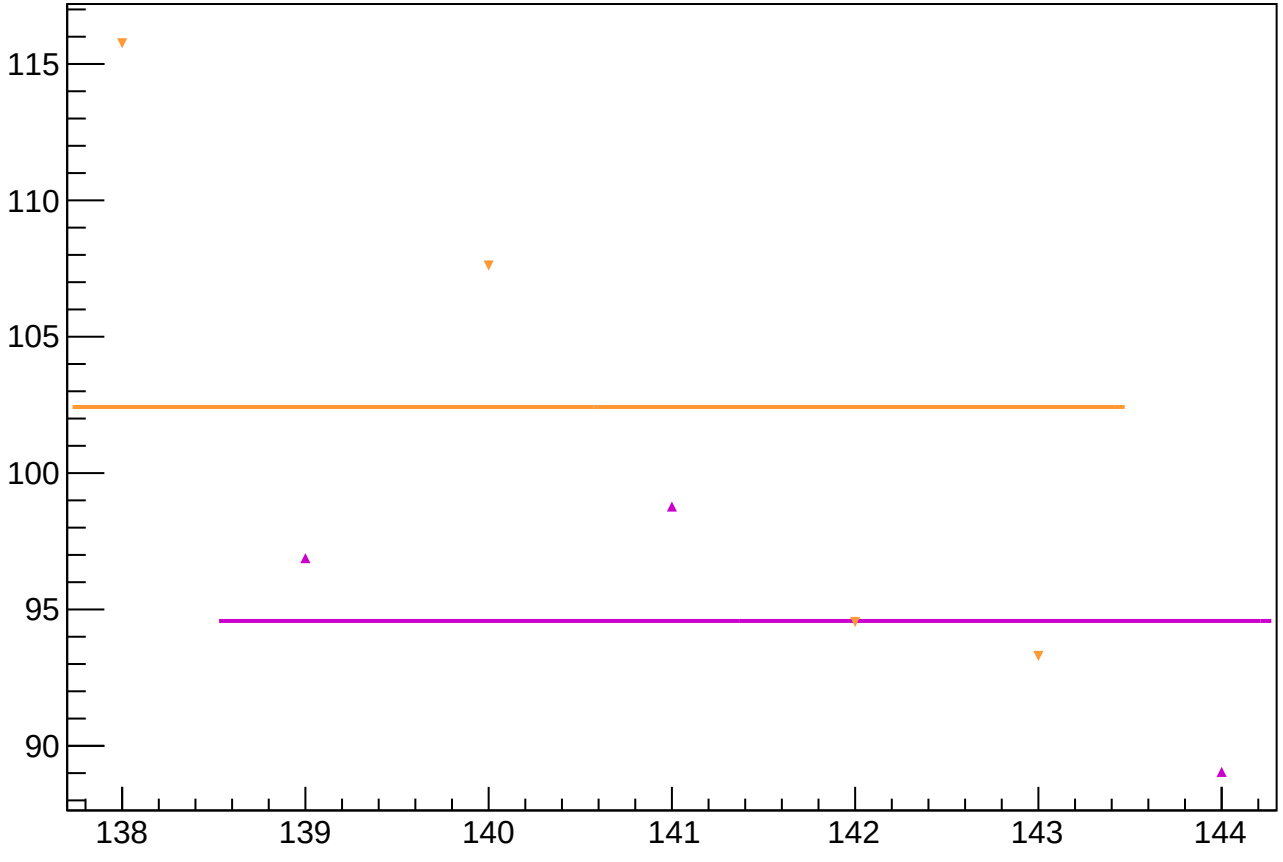
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 77.294+/-60.741 χ^2/NDF:0.7/2

Out: 23.561+/-63.649 χ^2/NDF:2.9/3

All: 51.683+/-43.942 χ^2/NDF: 4.0/6

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: 102.423+/-0.045 χ^2/NDF:41670.1/3

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

Left In: 94.579+/-0.043 χ^2/NDF:10084.2/2

Left: 98.318+/-0.031 χ^2/NDF: 67652.6/6

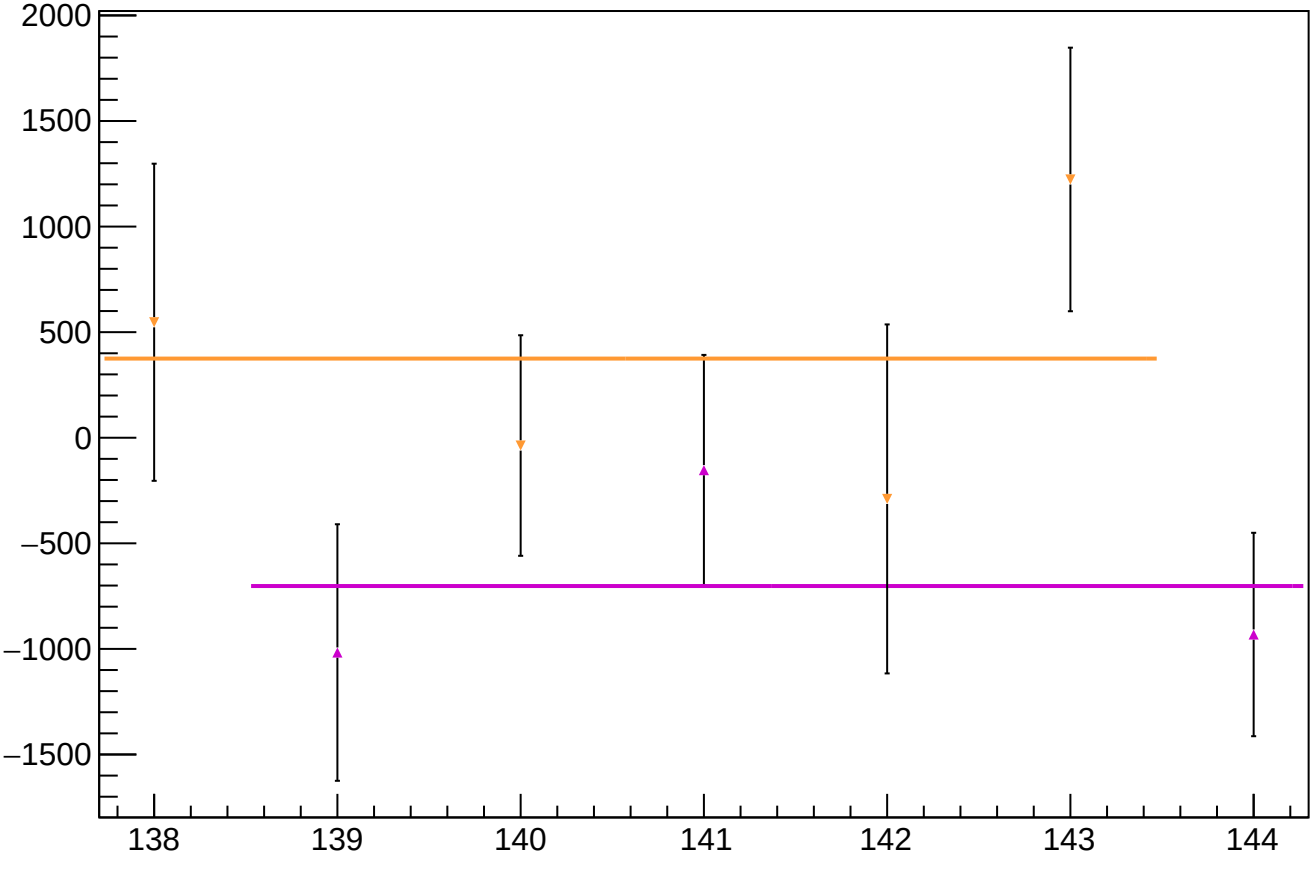
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 94.579+/-0.043 χ^2/NDF:10084.2/2

Out: 102.423+/-0.045 χ^2/NDF:41670.1/3

All: 98.318+/-0.031 χ^2/NDF: 67652.6/6

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: 374.889+/-324.934 χ^2/NDF:3.2/3

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

Left In: -702.257+/-310.414 χ^2/NDF:1.5/2

Left: -188.288+/-224.454 χ^2/NDF: 10.4/6

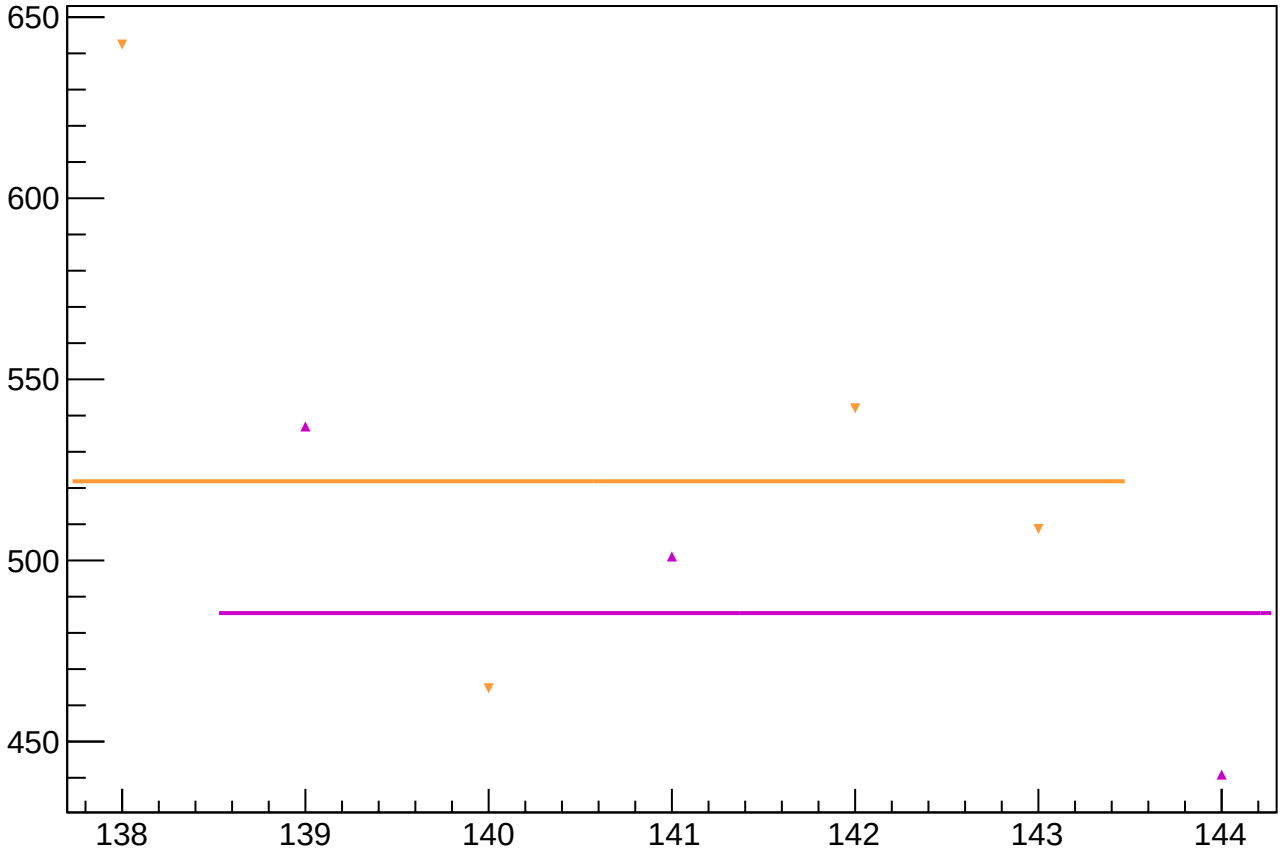
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -702.257+/-310.414 χ^2/NDF:1.5/2

Out: 374.889+/-324.934 χ^2/NDF:3.2/3

All: -188.288+/-224.454 χ^2/NDF: 10.4/6

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: 521.859+/-0.230 χ^2/NDF:77581.8/3

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

Left In: 485.466+/-0.219 χ^2/NDF:33168.8/2

Left: 502.831+/-0.159 χ^2/NDF: 123868.4/6

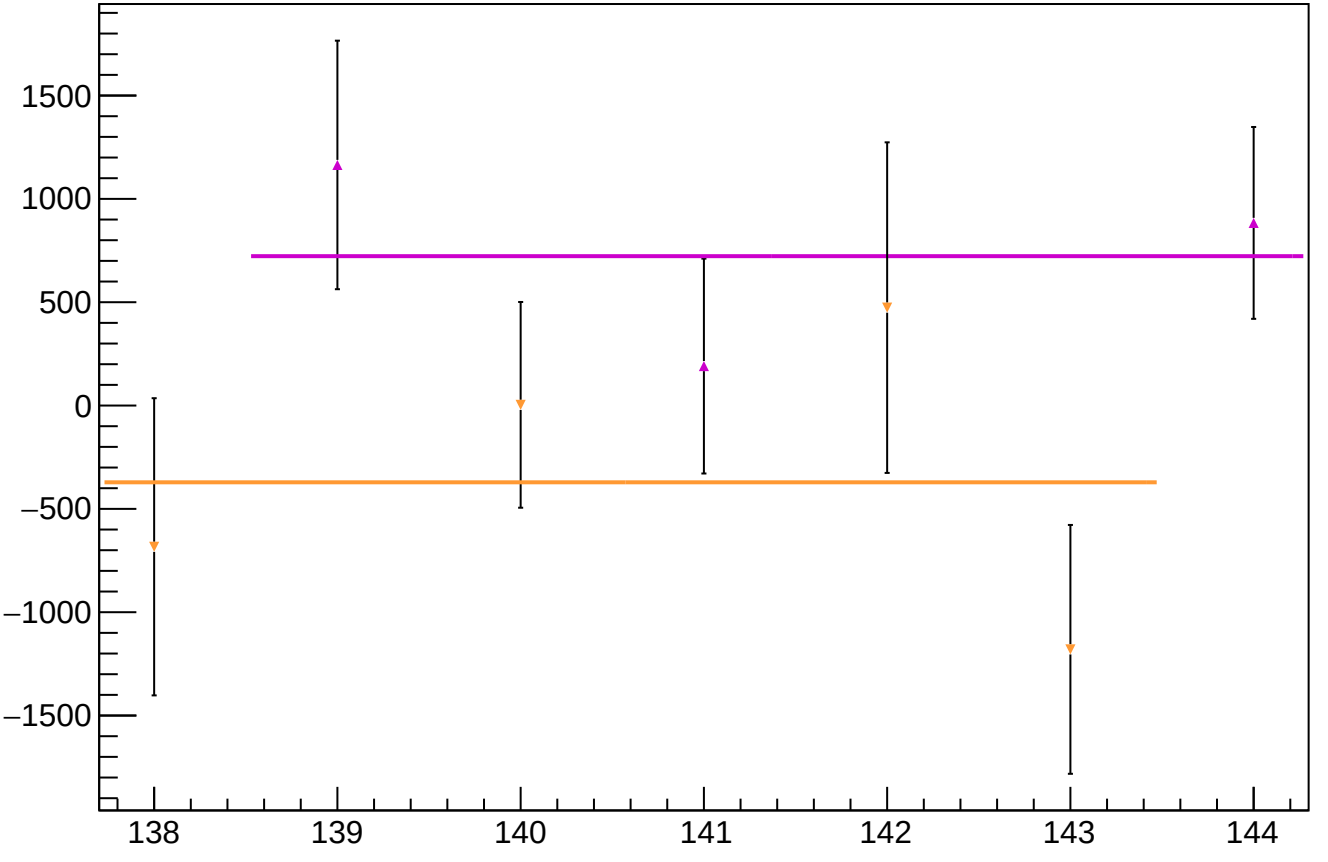
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 485.466+/-0.219 χ^2/NDF:33168.8/2

Out: 521.859+/-0.230 χ^2/NDF:77581.8/3

All: 502.831+/-0.159 χ^2/NDF: 123868.4/6

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -371.449+/-311.708 χ^2/NDF:3.7/3

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

Left In: 722.828+/-300.054 χ^2/NDF:1.7/2

Left: 196.527+/-216.173 χ^2/NDF: 11.8/6

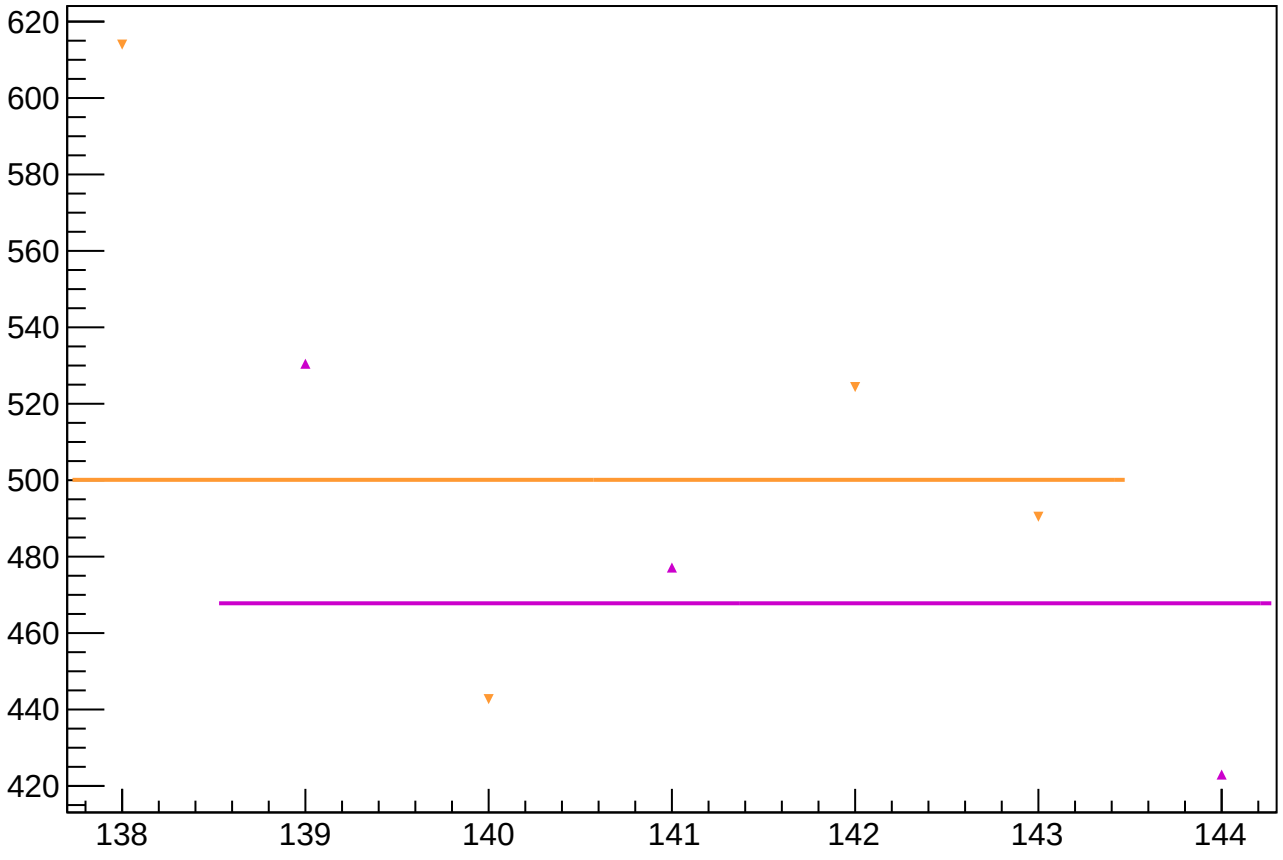
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 722.828+/-300.054 χ^2/NDF:1.7/2

Out: -371.449+/-311.708 χ^2/NDF:3.7/3

All: 196.527+/-216.173 χ^2/NDF: 11.8/6

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 500.096+/-0.220 χ^2/NDF:79101.4/3

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

Left In: 467.793+/-0.212 χ^2/NDF:41021.8/2

Left: 483.329+/-0.153 χ^2/NDF: 131272.3/6

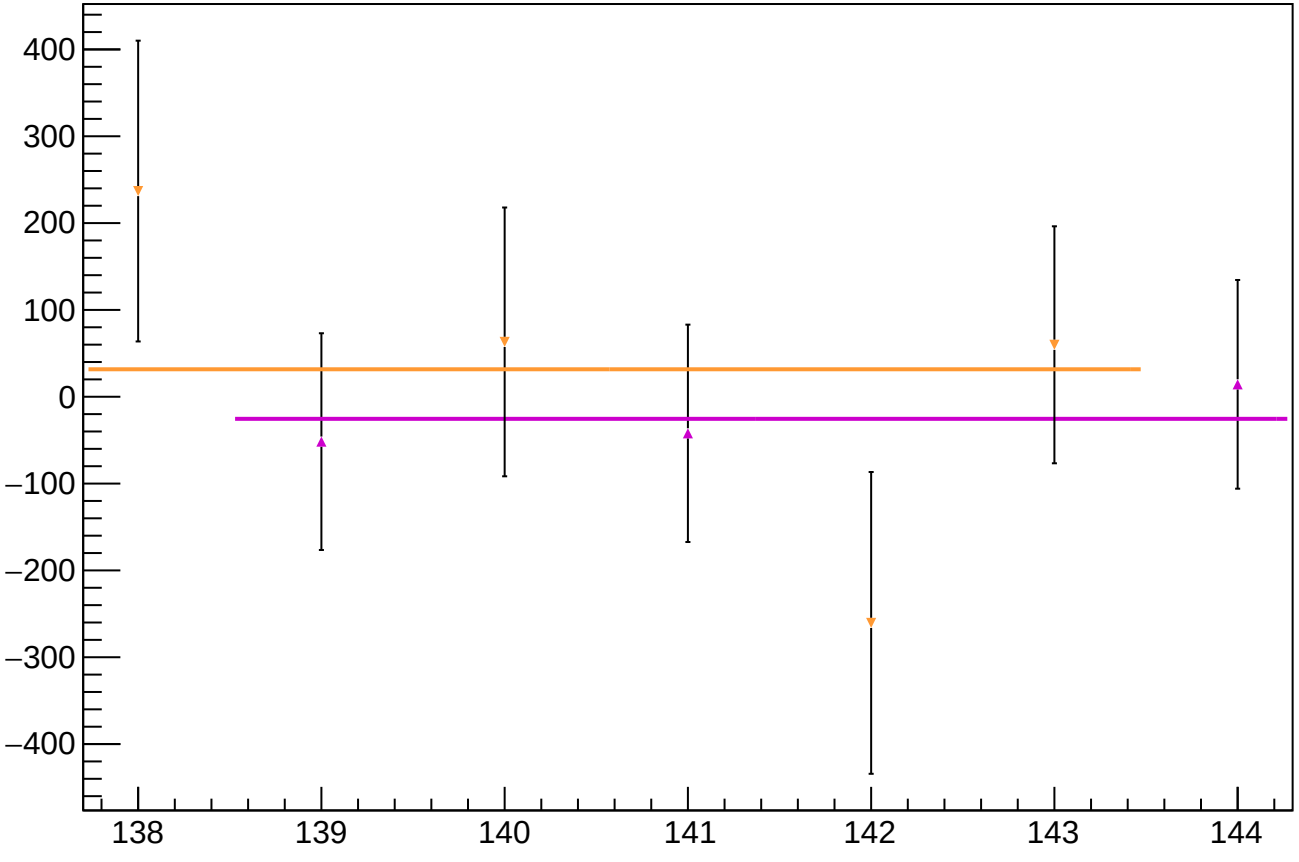
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 467.793+/-0.212 χ^2/NDF:41021.8/2

Out: 500.096+/-0.220 χ^2/NDF:79101.4/3

All: 483.329+/-0.153 χ^2/NDF: 131272.3/6

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 31.634+/-78.597 χ^2/NDF:4.3/3

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

Left In: -25.432+/-71.199 χ^2/NDF:0.2/2

Left: 0.289+/-52.768 χ^2/NDF: 4.8/6

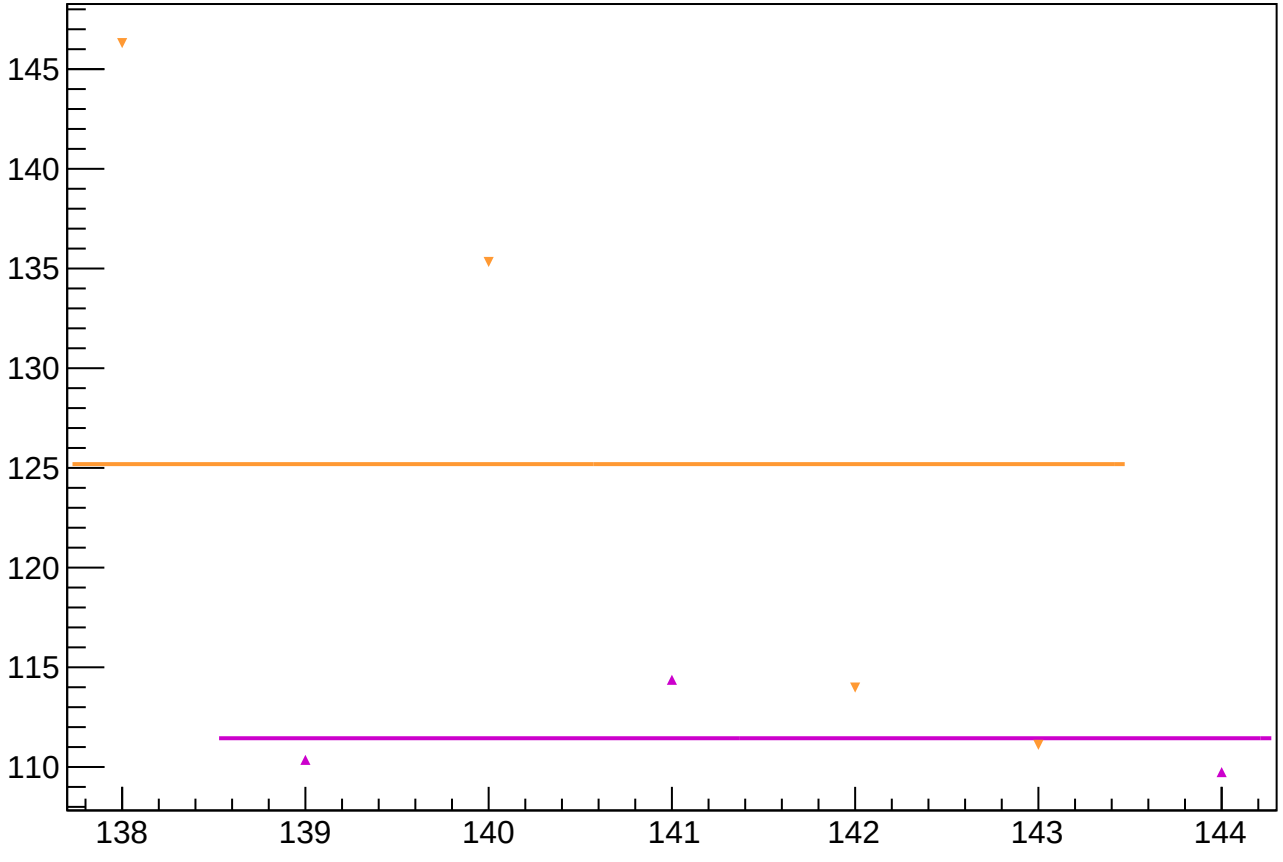
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.432+/-71.199 χ^2/NDF:0.2/2

Out: 31.634+/-78.597 χ^2/NDF:4.3/3

All: 0.289+/-52.768 χ^2/NDF: 4.8/6

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 125.190+/-0.056 χ^2/NDF:67907.1/3

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

Left In: 111.442+/-0.050 χ^2/NDF:1647.5/2

Left: 117.639+/-0.037 χ^2/NDF: 103163.6/6

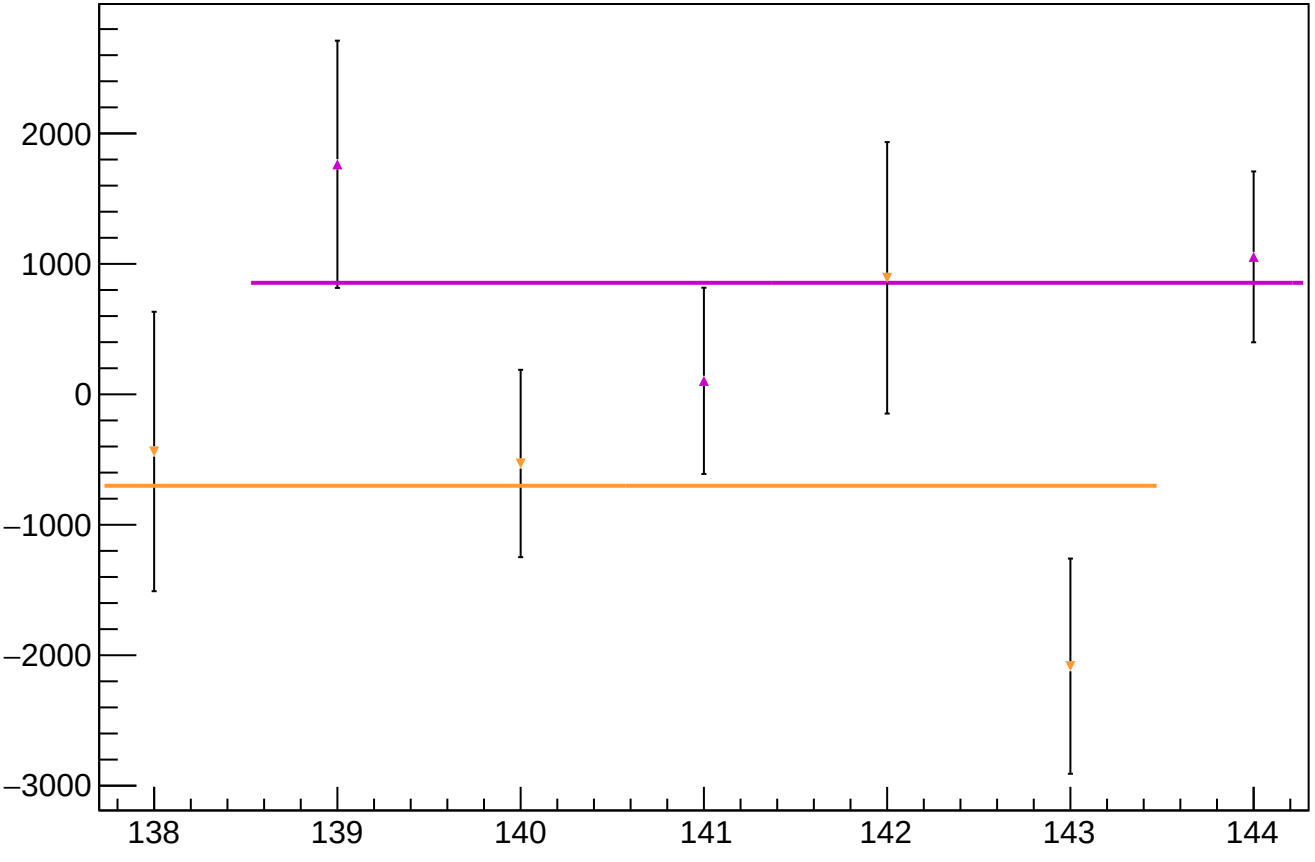
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.442+/-0.050 χ^2/NDF:1647.5/2

Out: 125.190+/-0.056 χ^2/NDF:67907.1/3

All: 117.639+/-0.037 χ^2/NDF: 103163.6/6

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -700.821+/-438.357 χ^2/NDF:5.3/3

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

Left In: 855.023+/-430.015 χ^2/NDF:2.1/2

Left: 92.046+/-306.973 χ^2/NDF: 13.8/6

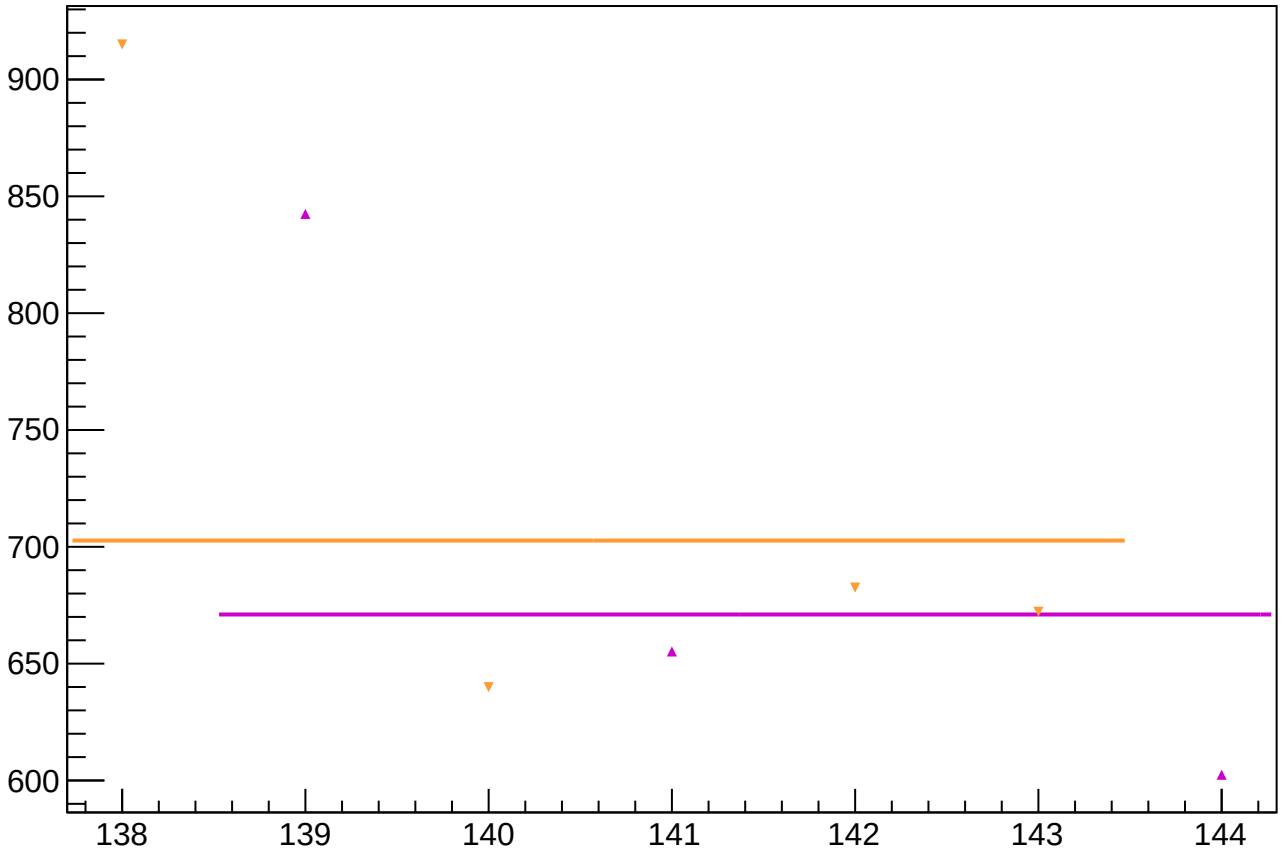
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 855.023+/-430.015 χ^2/NDF:2.1/2

Out: -700.821+/-438.357 χ^2/NDF:5.3/3

All: 92.046+/-306.973 χ^2/NDF: 13.8/6

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 702.682+/-0.310 χ^2/NDF:97363.4/3

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

Left In: 671.043+/-0.304 χ^2/NDF:88377.3/2

Left: 686.558+/-0.217 χ^2/NDF: 191050.2/6

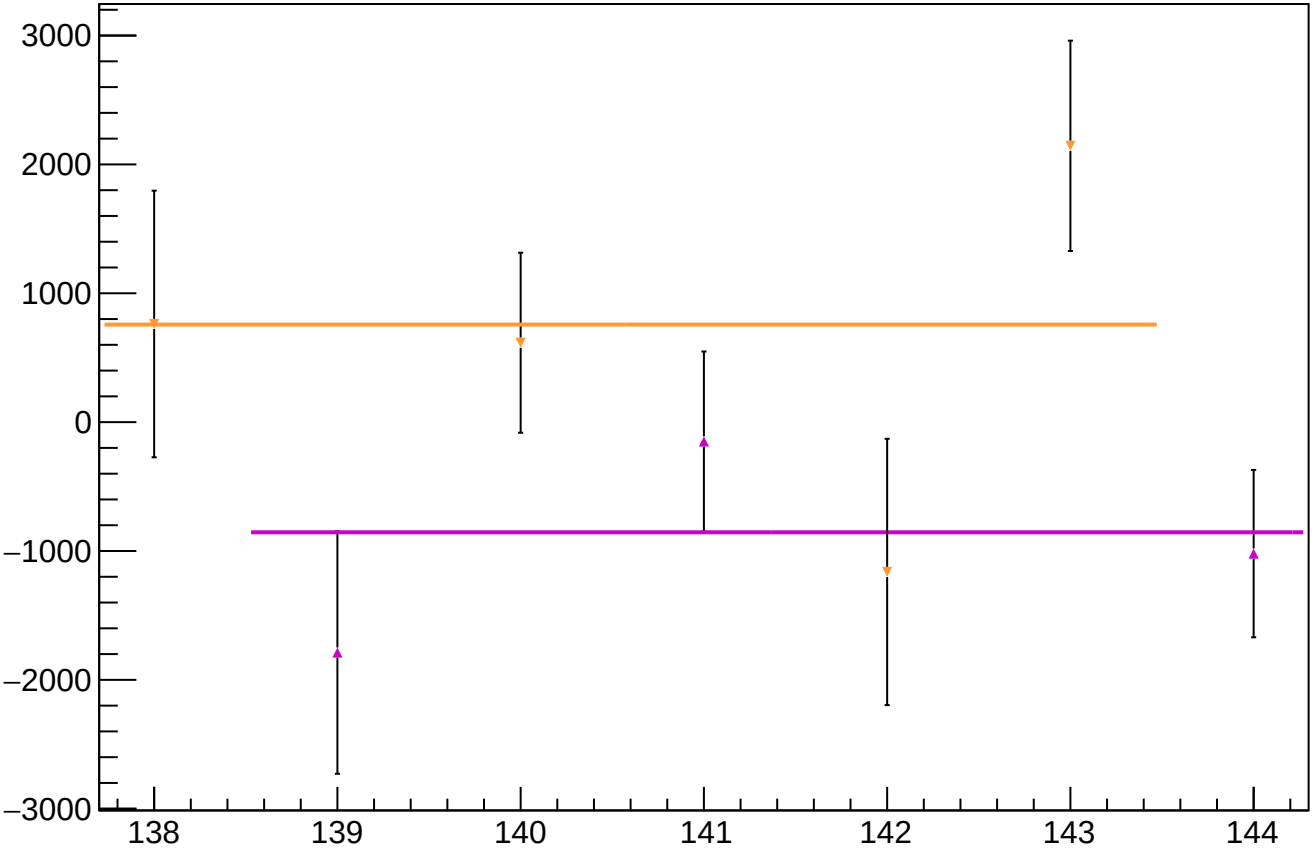
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 671.043+/-0.304 χ^2/NDF:88377.3/2

Out: 702.682+/-0.310 χ^2/NDF:97363.4/3

All: 686.558+/-0.217 χ^2/NDF: 191050.2/6

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 757.250+/-429.491 χ^2/NDF:6.4/3

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

Left In: -854.828+/-424.369 χ^2/NDF:2.1/2

Left: -58.460+/-301.869 χ^2/NDF: 15.6/6

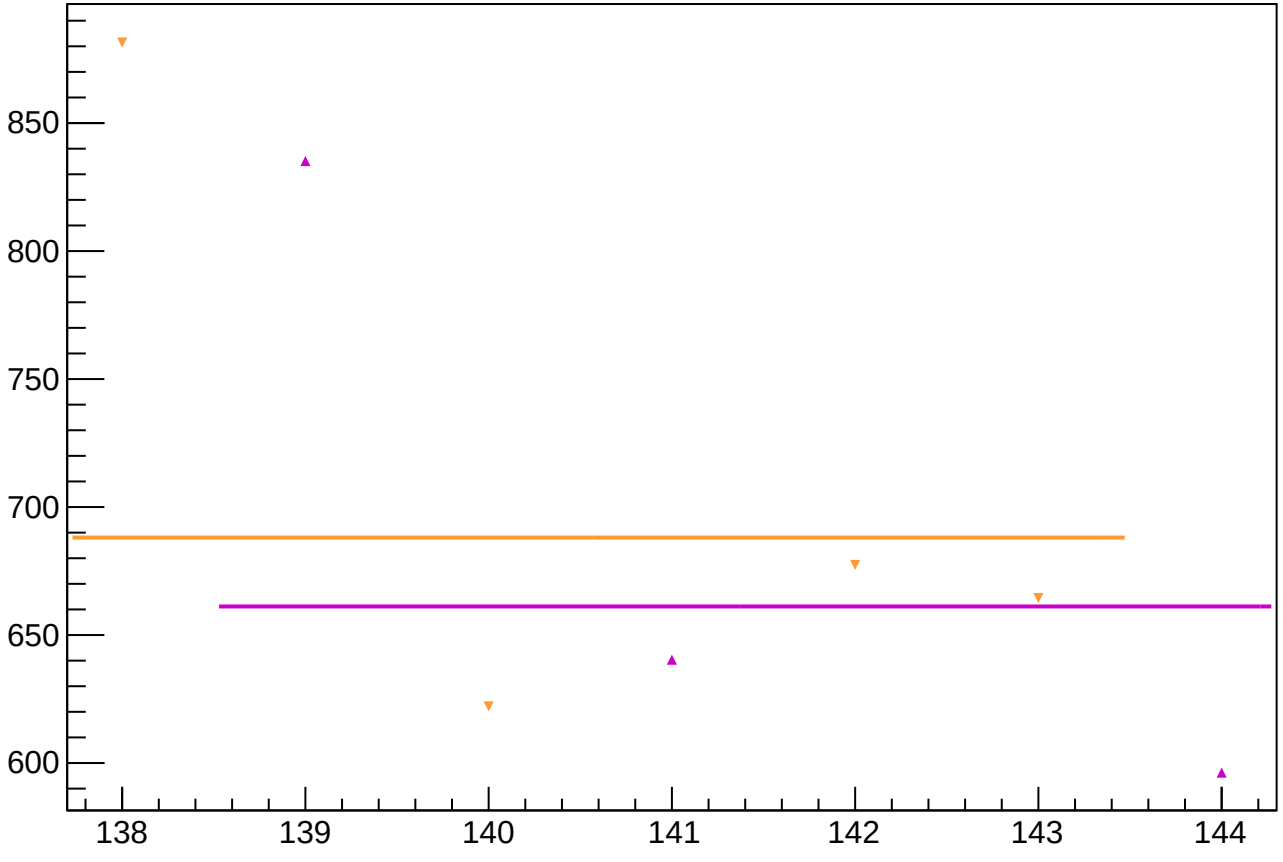
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -854.828+/-424.369 χ^2/NDF:2.1/2

Out: 757.250+/-429.491 χ^2/NDF:6.4/3

All: -58.460+/-301.869 χ^2/NDF: 15.6/6

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 688.086+/-0.304 χ^2/NDF:89609.4/3

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

Left In: 661.162+/-0.300 χ^2/NDF:90166.5/2

Left: 674.463+/-0.213 χ^2/NDF: 183752.7/6

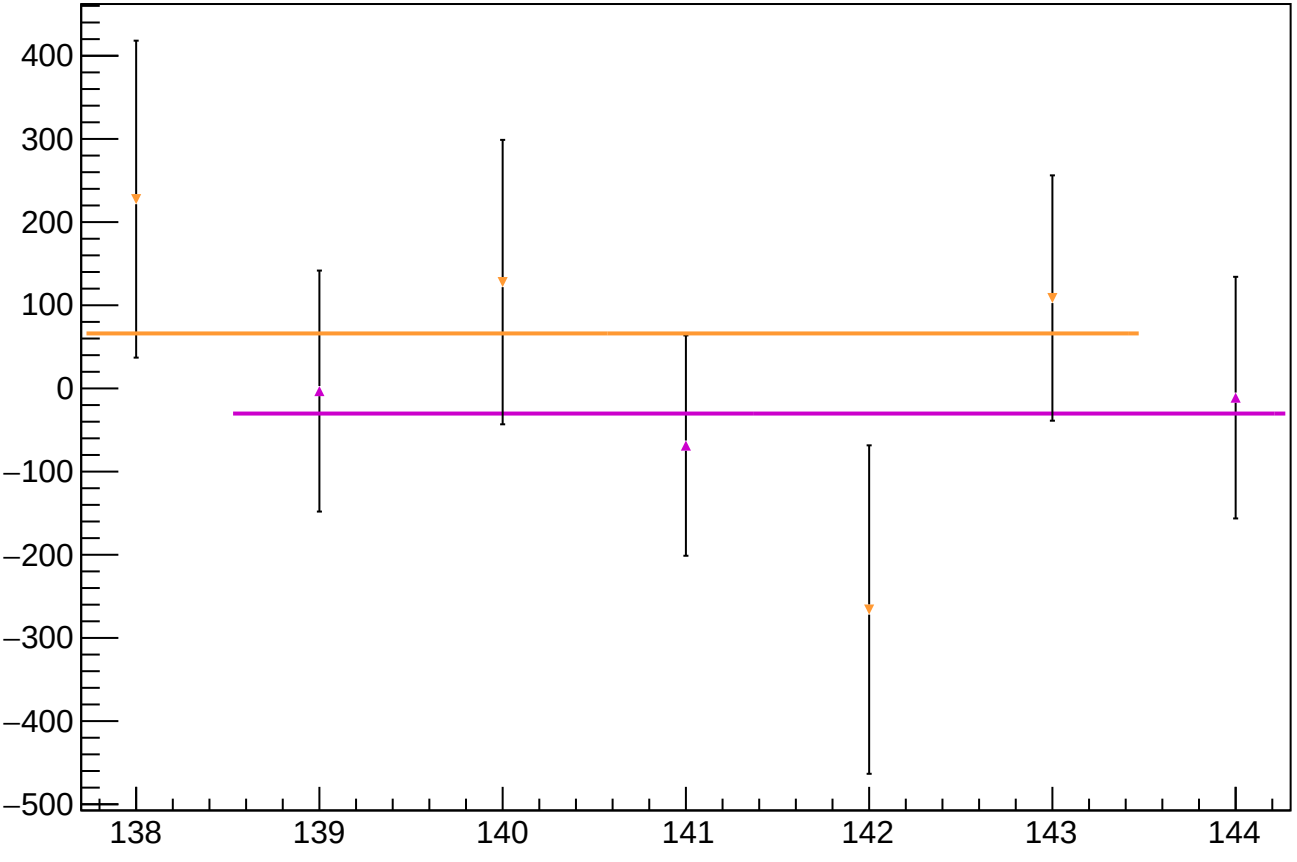
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 661.162+/-0.300 χ^2/NDF:90166.5/2

Out: 688.086+/-0.304 χ^2/NDF:89609.4/3

All: 674.463+/-0.213 χ^2/NDF: 183752.7/6

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 66.131+/-86.597 χ^2/NDF:3.8/3

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

Left In: -30.205+/-81.112 χ^2/NDF:0.1/2

Left: 14.815+/-59.199 χ^2/NDF: 4.6/6

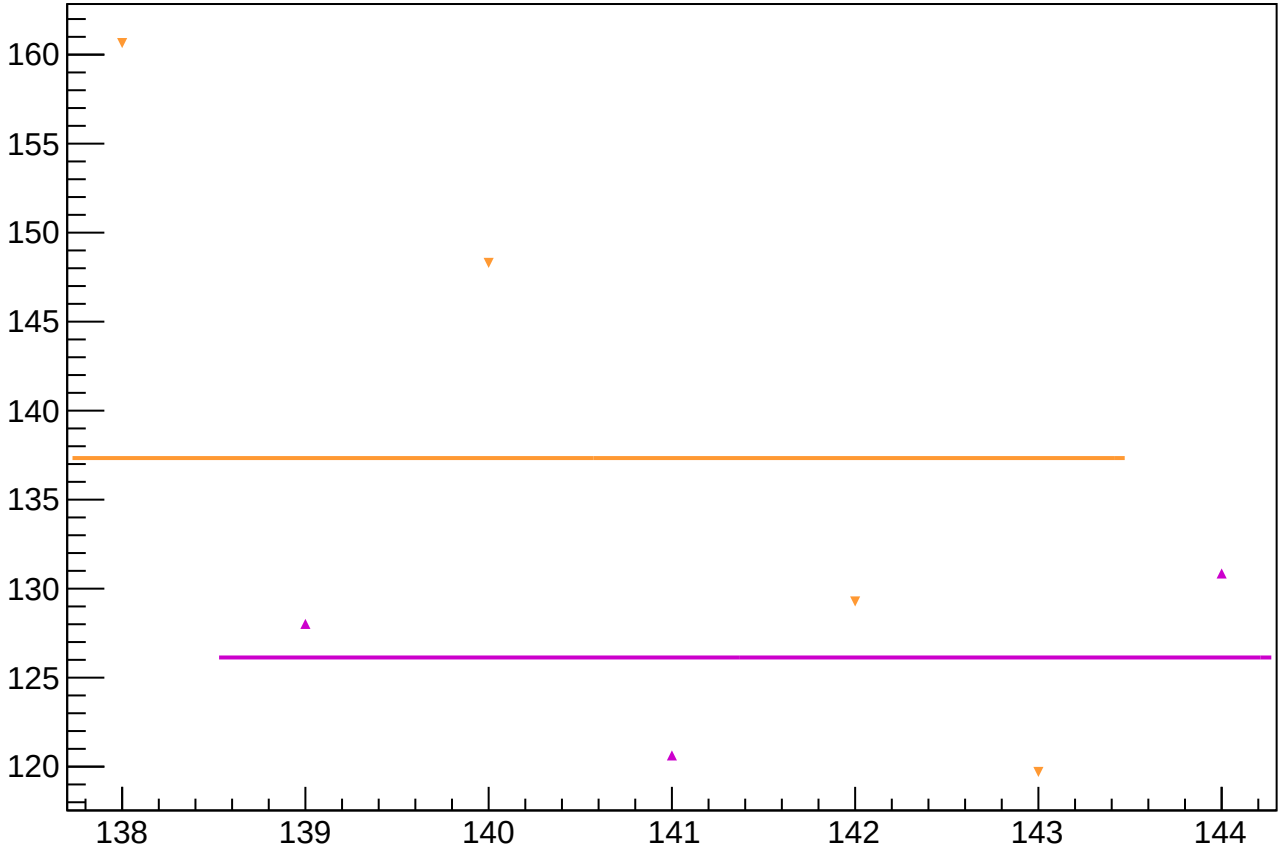
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.205+/-81.112 χ^2/NDF:0.1/2

Out: 66.131+/-86.597 χ^2/NDF:3.8/3

All: 14.815+/-59.199 χ^2/NDF: 4.6/6

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 137.336+/-0.061 χ^2/NDF:70073.8/3

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

Left In: 126.133+/-0.057 χ^2/NDF:5899.5/2

Left: 131.368+/-0.042 χ^2/NDF: 93803.0/6

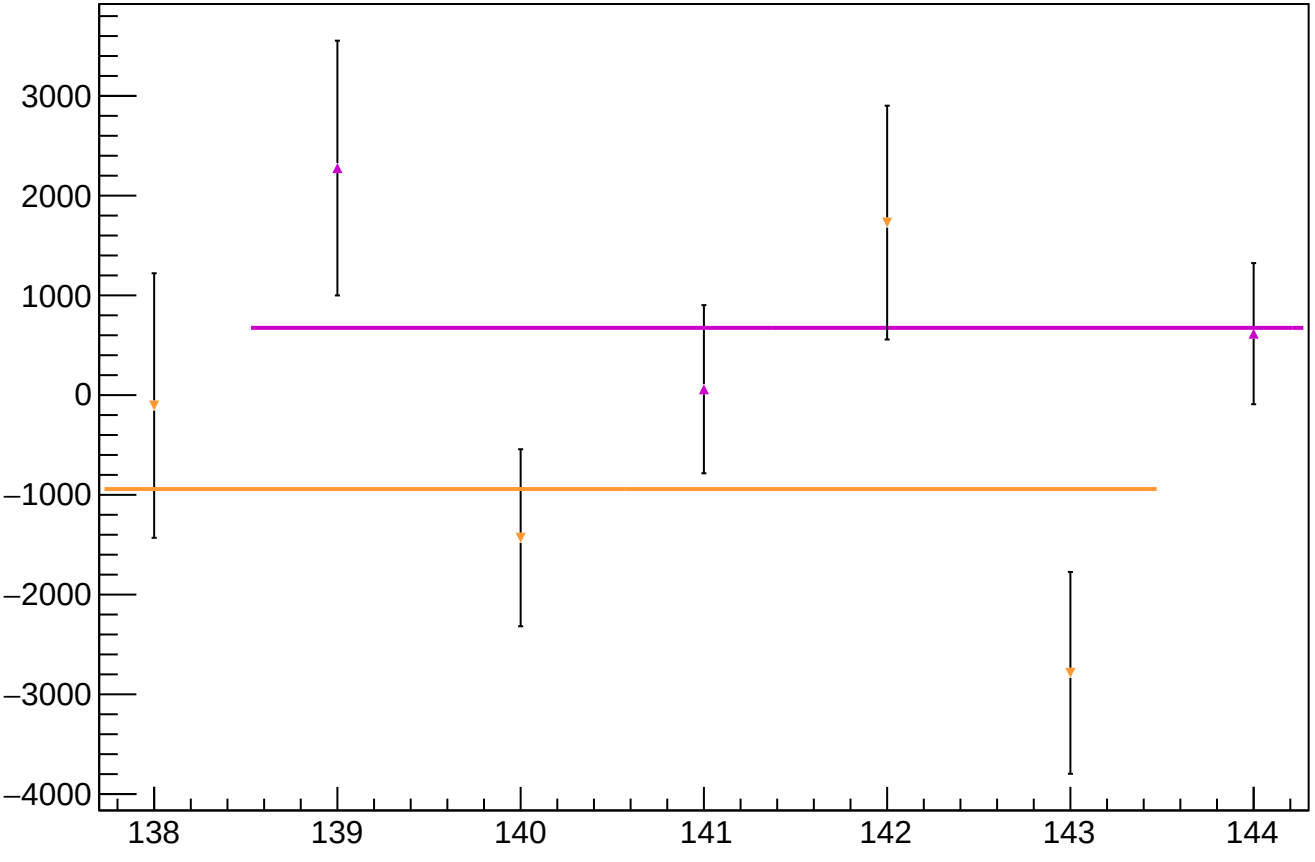
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 126.133+/-0.057 χ^2/NDF:5899.5/2

Out: 137.336+/-0.061 χ^2/NDF:70073.8/3

All: 131.368+/-0.042 χ^2/NDF: 93803.0/6

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -941.782+/-531.303 χ^2/NDF:9.2/3

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

Left In: 674.392+/-498.921 χ^2/NDF:2.1/2

Left: -82.946+/-363.700 χ^2/NDF: 16.2/6

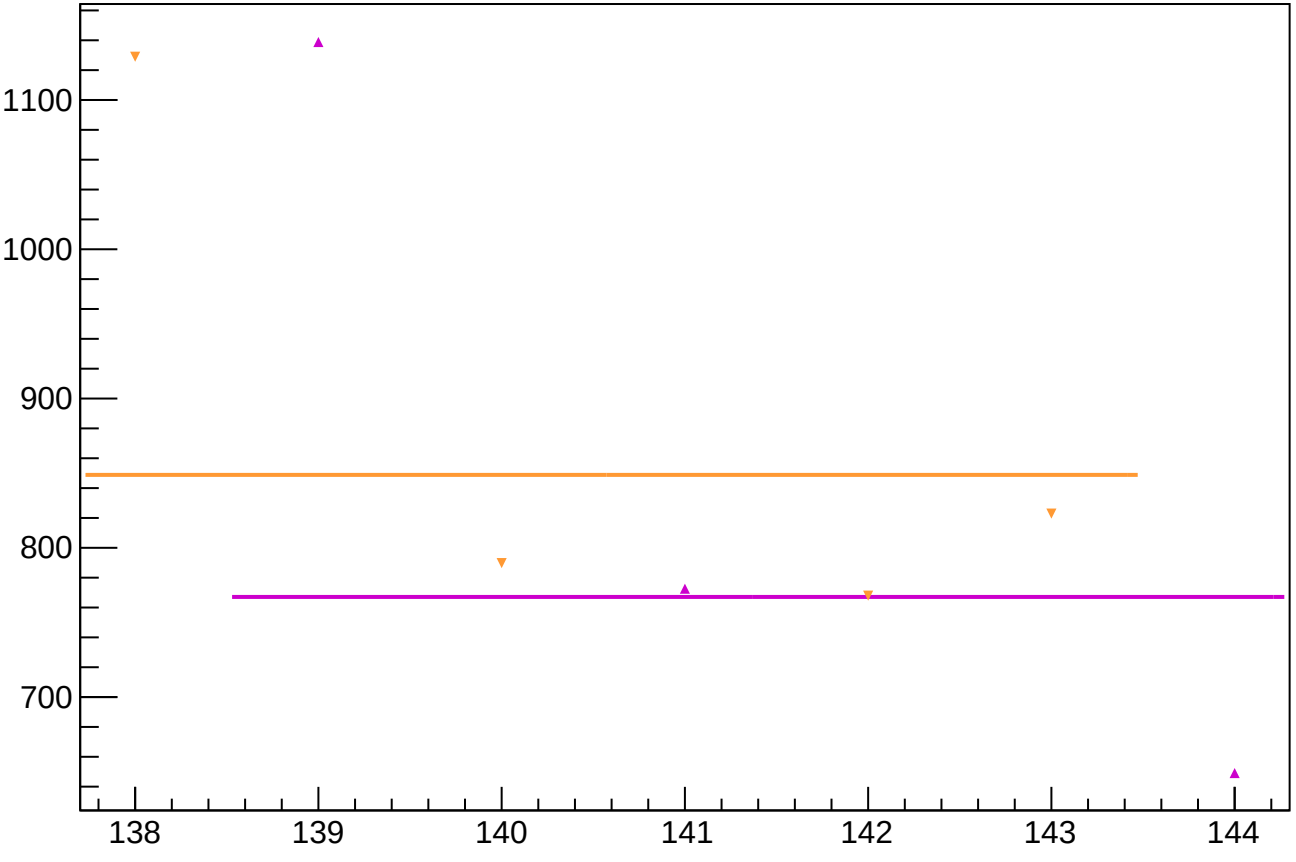
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 674.392+/-498.921 χ^2/NDF:2.1/2

Out: -941.782+/-531.303 χ^2/NDF:9.2/3

All: -82.946+/-363.700 χ^2/NDF: 16.2/6

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 848.857+/-0.376 χ^2/NDF:108921.1/3

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

Left In: 767.093+/-0.353 χ^2/NDF:225148.3/2

Left: 805.407+/-0.257 χ^2/NDF: 359239.9/6

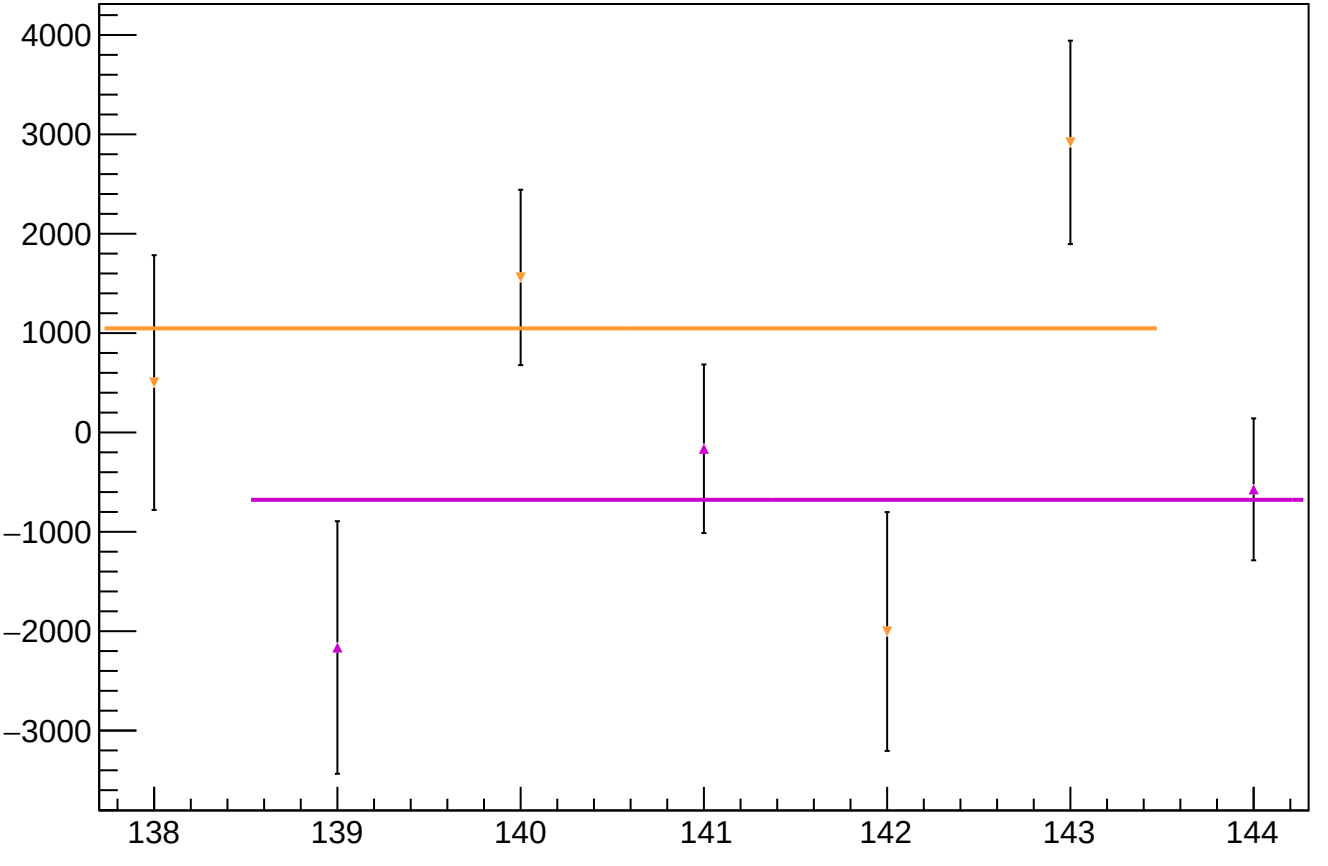
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 767.093+/-0.353 χ^2/NDF:225148.3/2

Out: 848.857+/-0.376 χ^2/NDF:108921.1/3

All: 805.407+/-0.257 χ^2/NDF: 359239.9/6

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1047.660+/-531.534 χ^2/NDF:10.3/3

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

Left In: -677.613+/-501.866 χ^2/NDF:1.8/2

Left: 135.533+/-364.911 χ^2/NDF: 17.6/6

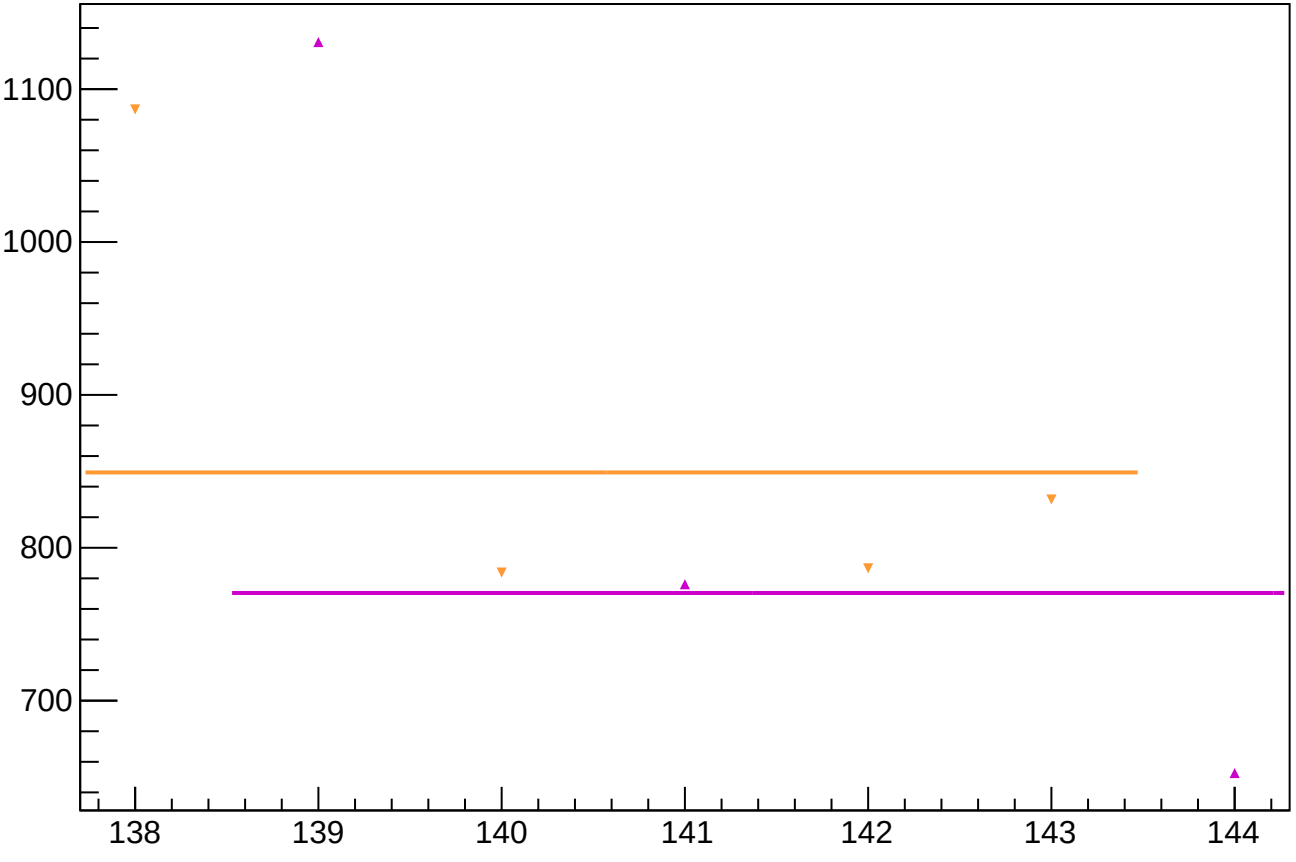
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -677.613+/-501.866 χ^2/NDF:1.8/2

Out: 1047.660+/-531.534 χ^2/NDF:10.3/3

All: 135.533+/-364.911 χ^2/NDF: 17.6/6

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 849.291+/-0.376 χ^2/NDF:85669.4/3

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

Left In: 770.440+/-0.355 χ^2/NDF:215261.2/2

Left: 807.604+/-0.258 χ^2/NDF: 324200.0/6

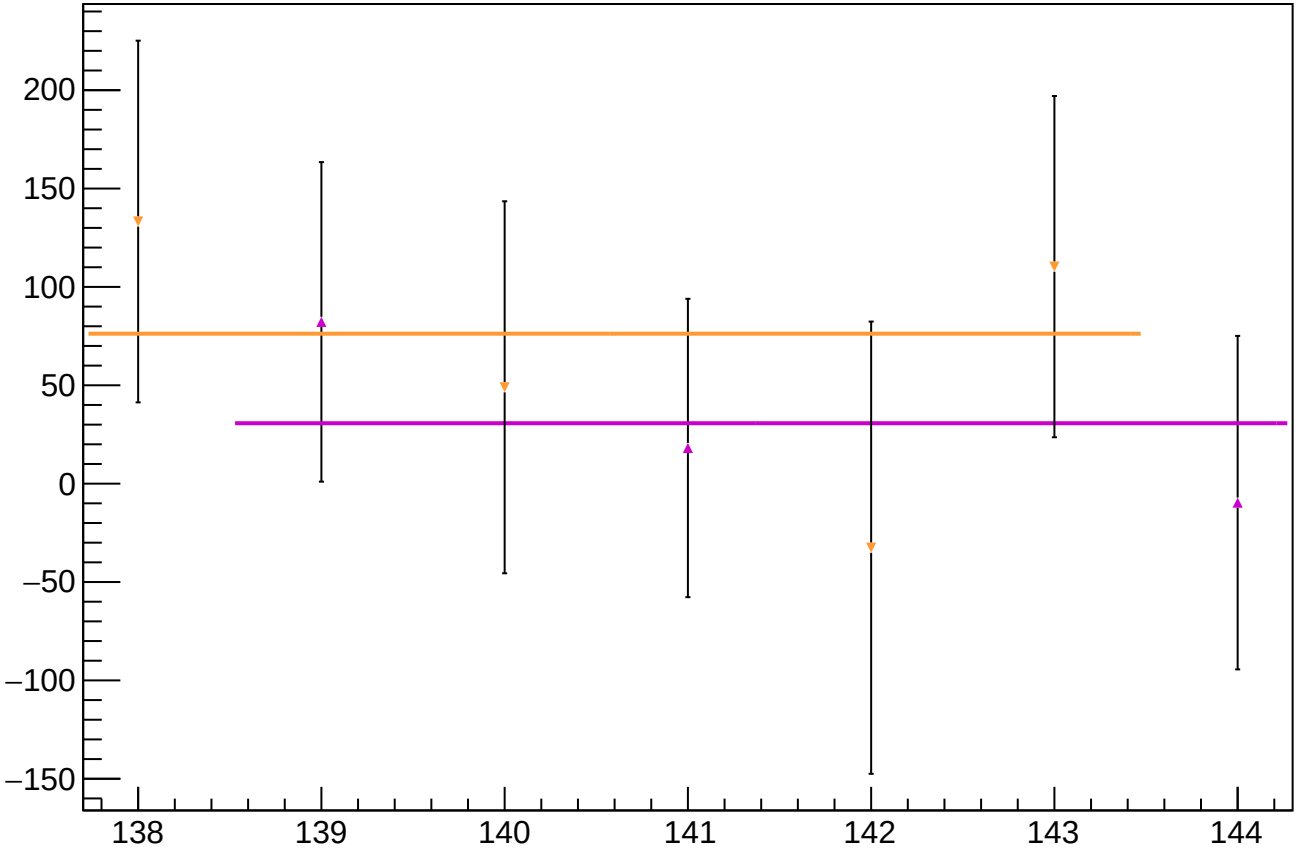
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 770.440+/-0.355 χ^2/NDF:215261.2/2

Out: 849.291+/-0.376 χ^2/NDF:85669.4/3

All: 807.604+/-0.258 χ^2/NDF: 324200.0/6

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 76.216+/-47.736 χ^2/NDF:1.5/3

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

Left In: 30.720+/-46.387 χ^2/NDF:0.7/2

Left: 52.816+/-33.267 χ^2/NDF: 2.6/6

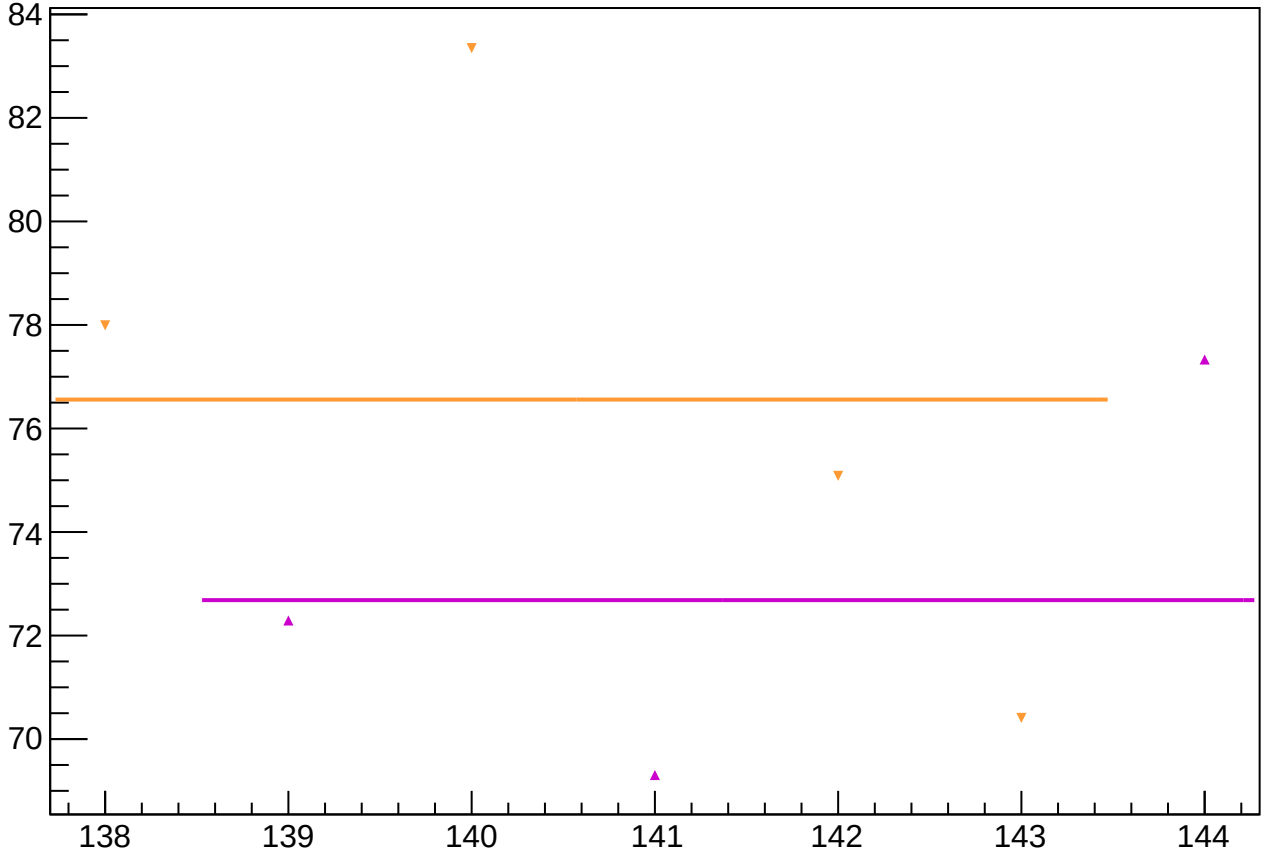
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 30.720+/-46.387 χ^2/NDF:0.7/2

Out: 76.216+/-47.736 χ^2/NDF:1.5/3

All: 52.816+/-33.267 χ^2/NDF: 2.6/6

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 76.559+/-0.034 χ^2/NDF:21182.5/3

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

Left In: 72.684+/-0.033 χ^2/NDF:10033.6/2

Left: 74.566+/-0.024 χ^2/NDF: 37992.6/6

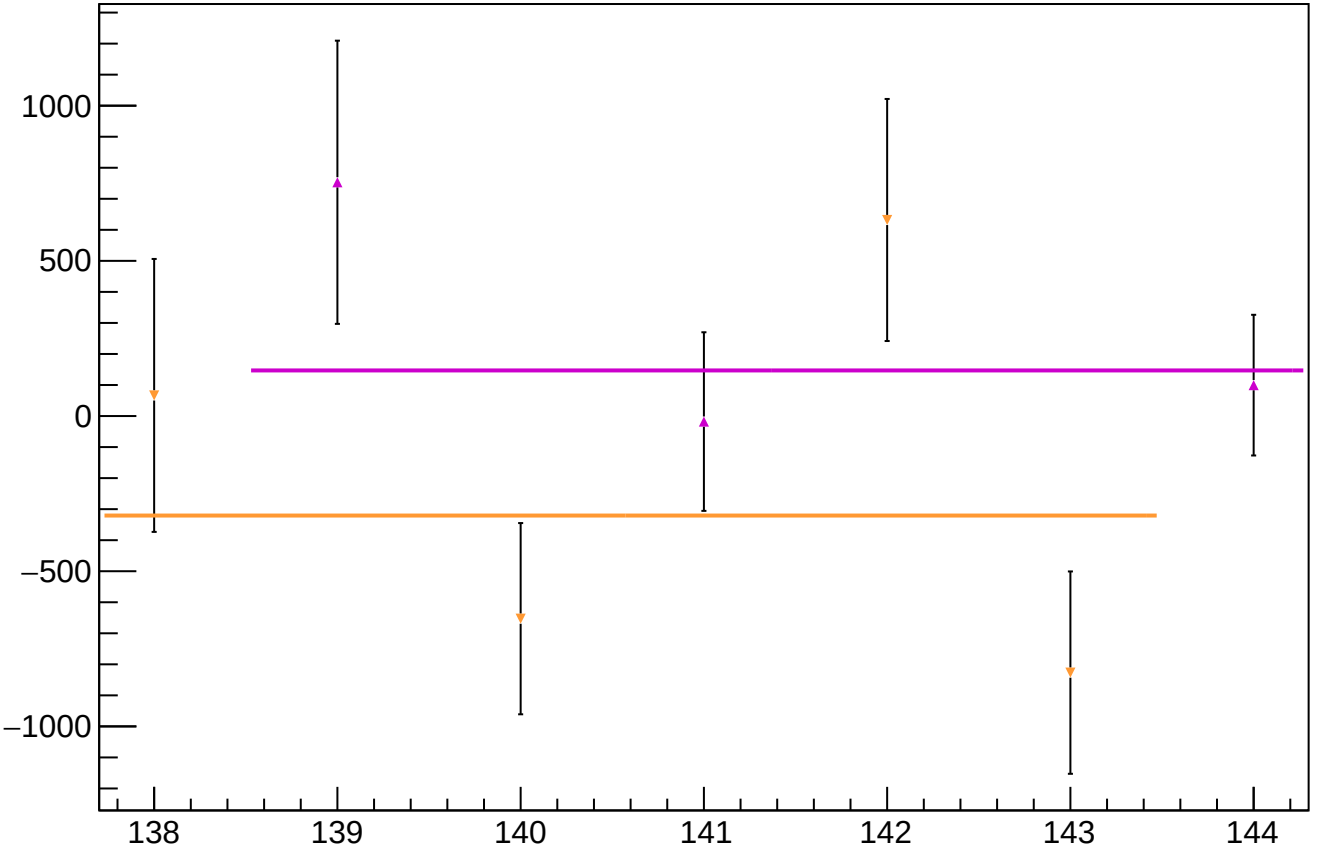
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 72.684+/-0.033 χ^2/NDF:10033.6/2

Out: 76.559+/-0.034 χ^2/NDF:21182.5/3

All: 74.566+/-0.024 χ^2/NDF: 37992.6/6

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -320.590+/-177.635 χ^2/NDF:10.3/3

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

Left In: 146.960+/-165.866 χ^2/NDF:2.1/2

Left: -70.816+/-121.232 χ^2/NDF: 16.2/6

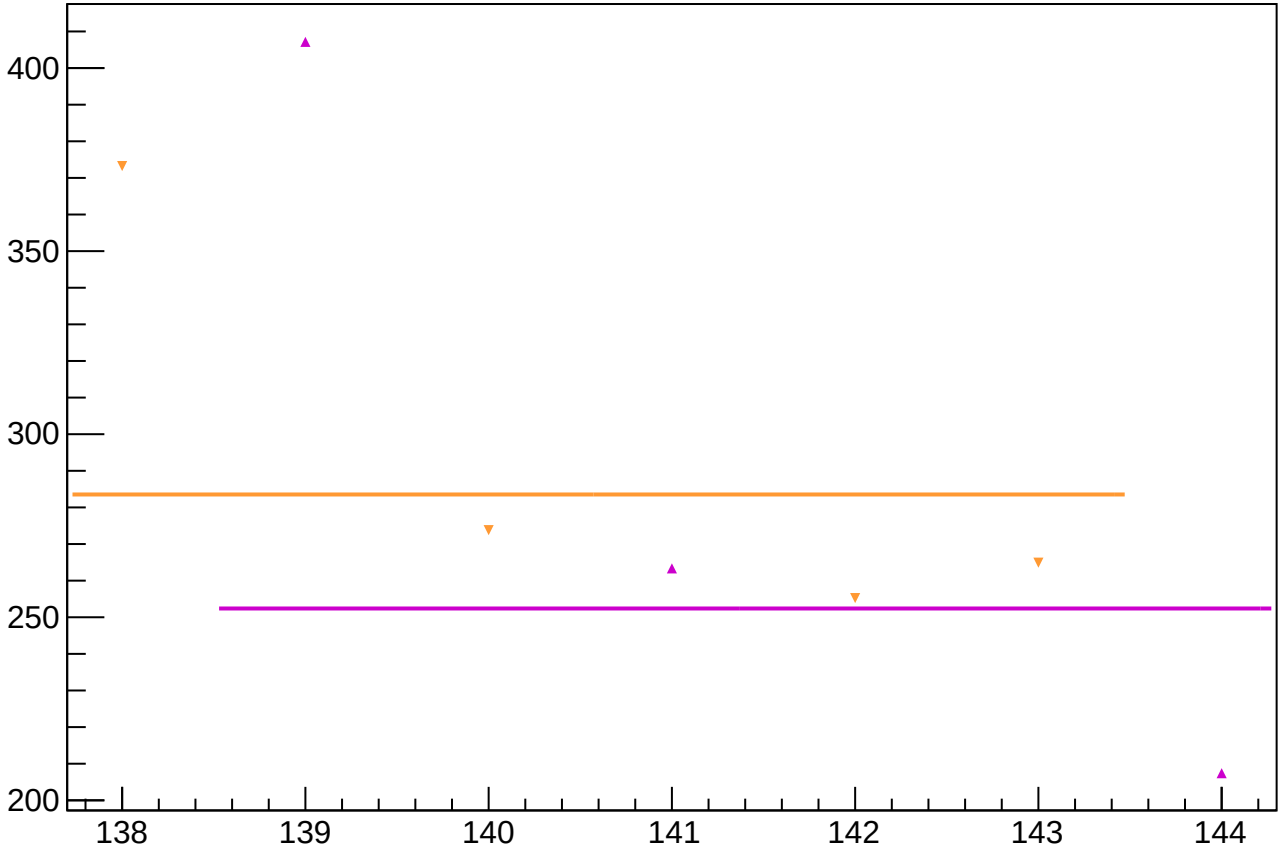
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 146.960+/-165.866 χ^2/NDF:2.1/2

Out: -320.590+/-177.635 χ^2/NDF:10.3/3

All: -70.816+/-121.232 χ^2/NDF: 16.2/6

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 283.535+/-0.126 χ^2/NDF:102288.3/3

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

Left In: 252.395+/-0.117 χ^2/NDF:311834.5/2

Left: 266.900+/-0.086 χ^2/NDF: 446957.8/6

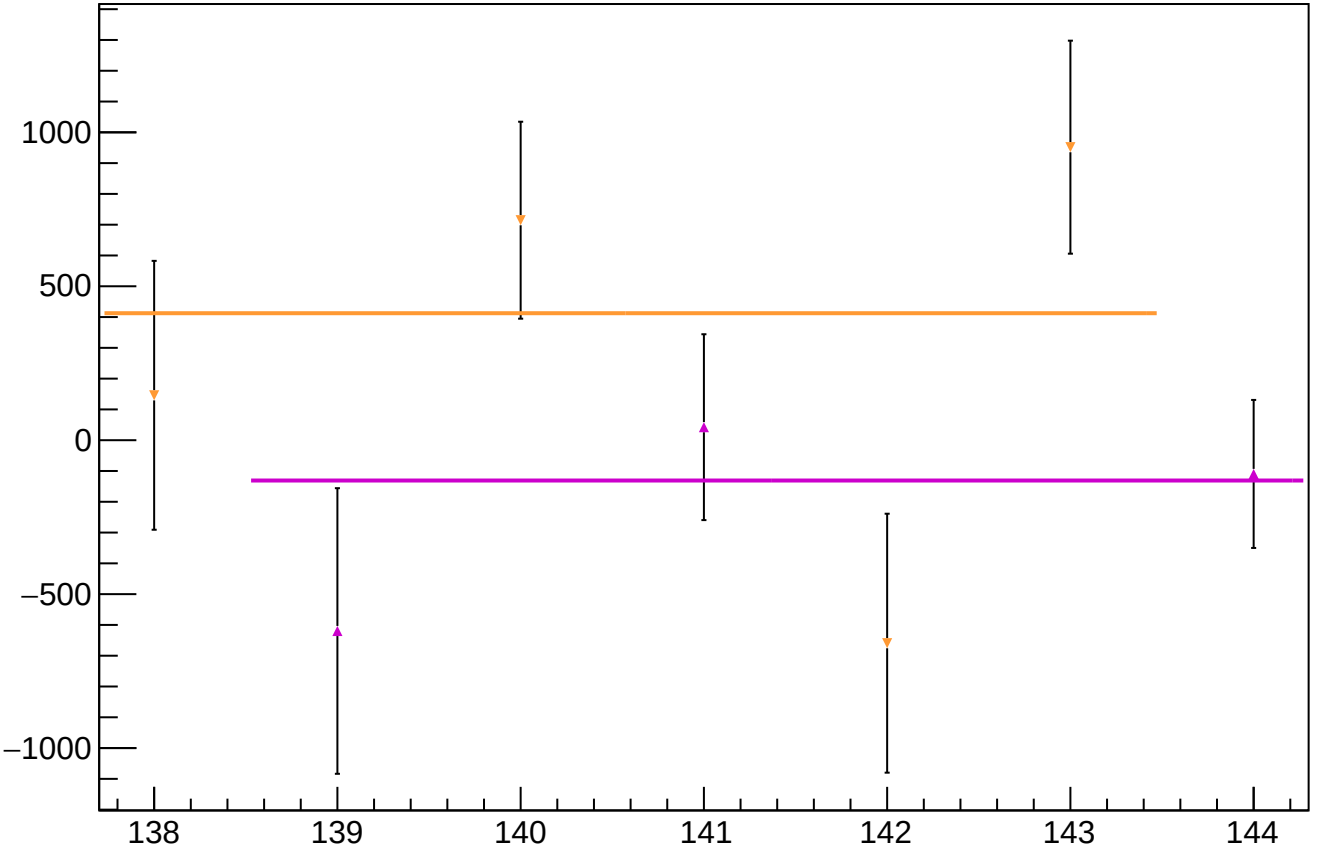
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 252.395+/-0.117 χ^2/NDF:311834.5/2

Out: 283.535+/-0.126 χ^2/NDF:102288.3/3

All: 266.900+/-0.086 χ^2/NDF: 446957.8/6

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 412.498+/-185.605 χ^2/NDF:10.2/3

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

Left In: -130.942+/-174.269 χ^2/NDF:1.4/2

Left: 123.676+/-127.045 χ^2/NDF: 16.2/6

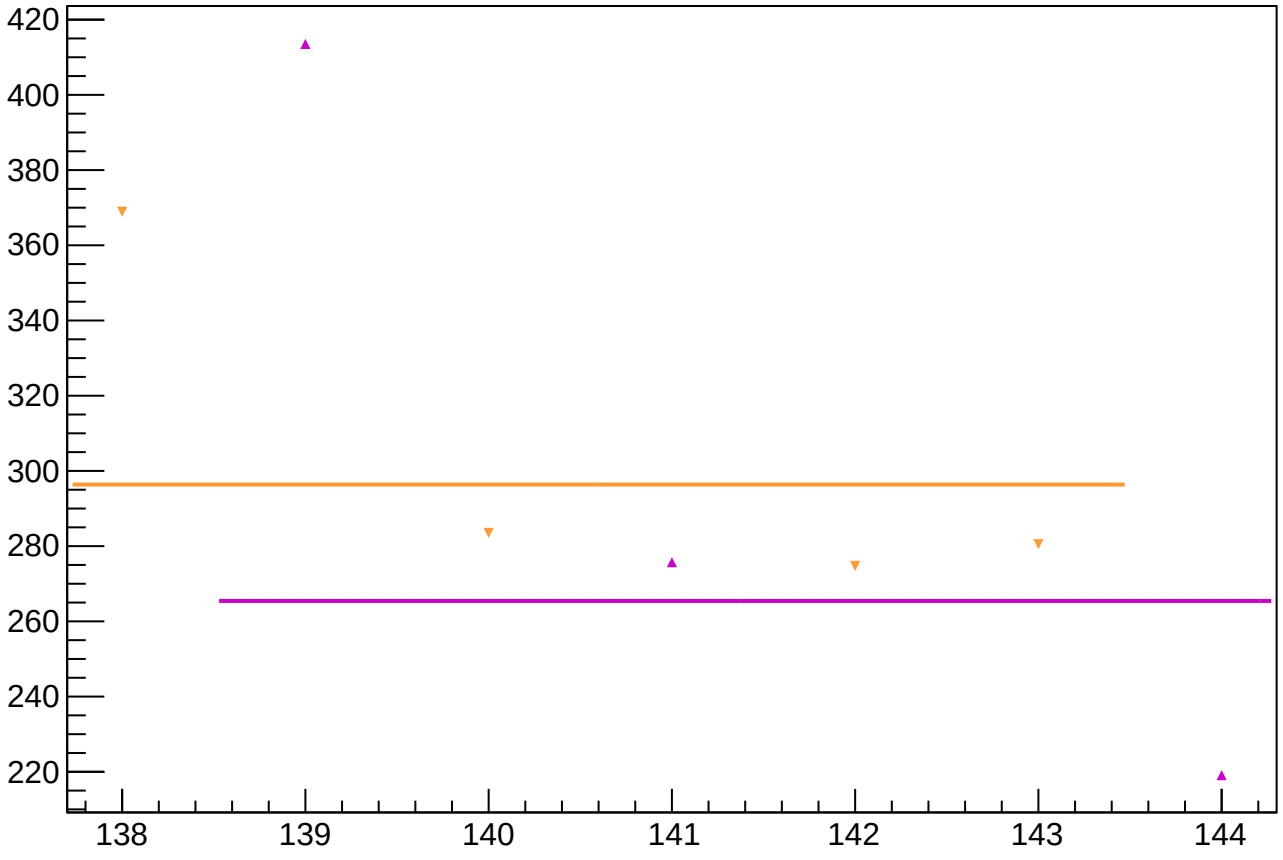
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -130.942+/-174.269 χ^2/NDF:1.4/2

Out: 412.498+/-185.605 χ^2/NDF:10.2/3

All: 123.676+/-127.045 χ^2/NDF: 16.2/6

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 296.377+/-0.131 χ^2/NDF:67918.1/3

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

Left In: 265.430+/-0.123 χ^2/NDF:280541.2/2

Left: 279.929+/-0.090 χ^2/NDF: 378011.1/6

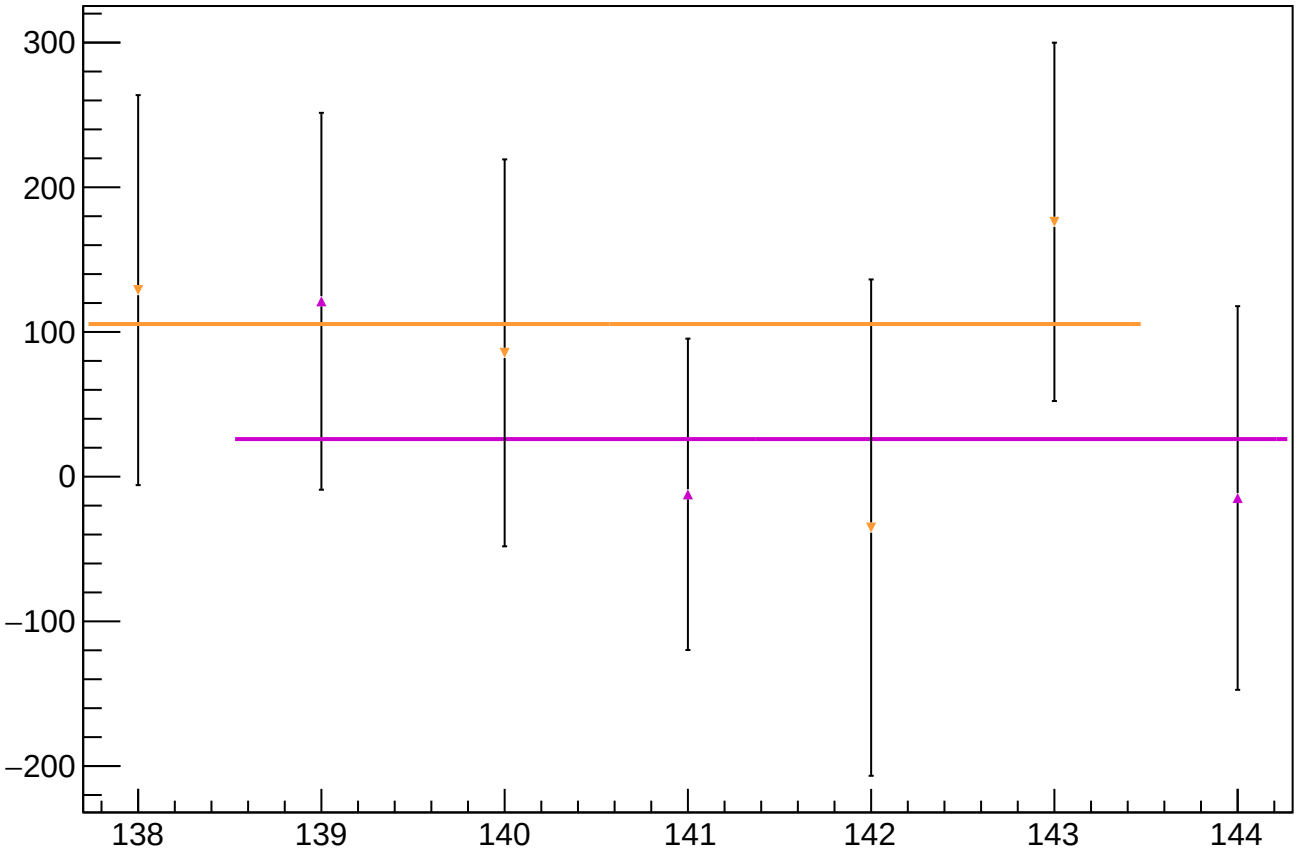
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 265.430+/-0.123 χ^2/NDF:280541.2/2

Out: 296.377+/-0.131 χ^2/NDF:67918.1/3

All: 279.929+/-0.090 χ^2/NDF: 378011.1/6

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 105.476+/-68.975 χ^2/NDF:1.1/3

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

Left In: 25.980+/-70.316 χ^2/NDF:0.8/2

Left: 66.494+/-49.240 χ^2/NDF: 2.5/6

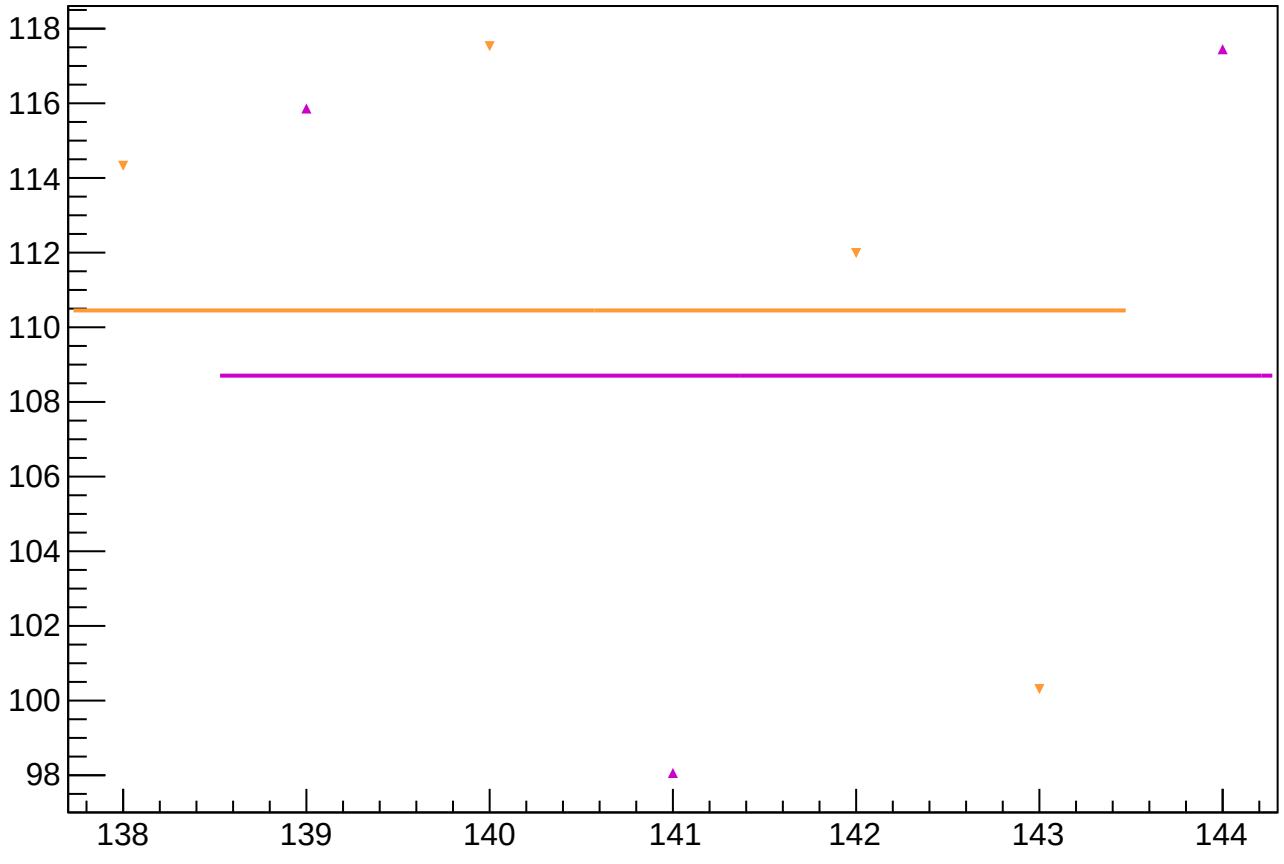
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 25.980+/-70.316 χ^2/NDF:0.8/2

Out: 105.476+/-68.975 χ^2/NDF:1.1/3

All: 66.494+/-49.240 χ^2/NDF: 2.5/6

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 110.452+/-0.049 χ^2/NDF:20835.9/3

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

Left In: 108.705+/-0.050 χ^2/NDF:34313.8/2

Left: 109.595+/-0.035 χ^2/NDF: 55778.9/6

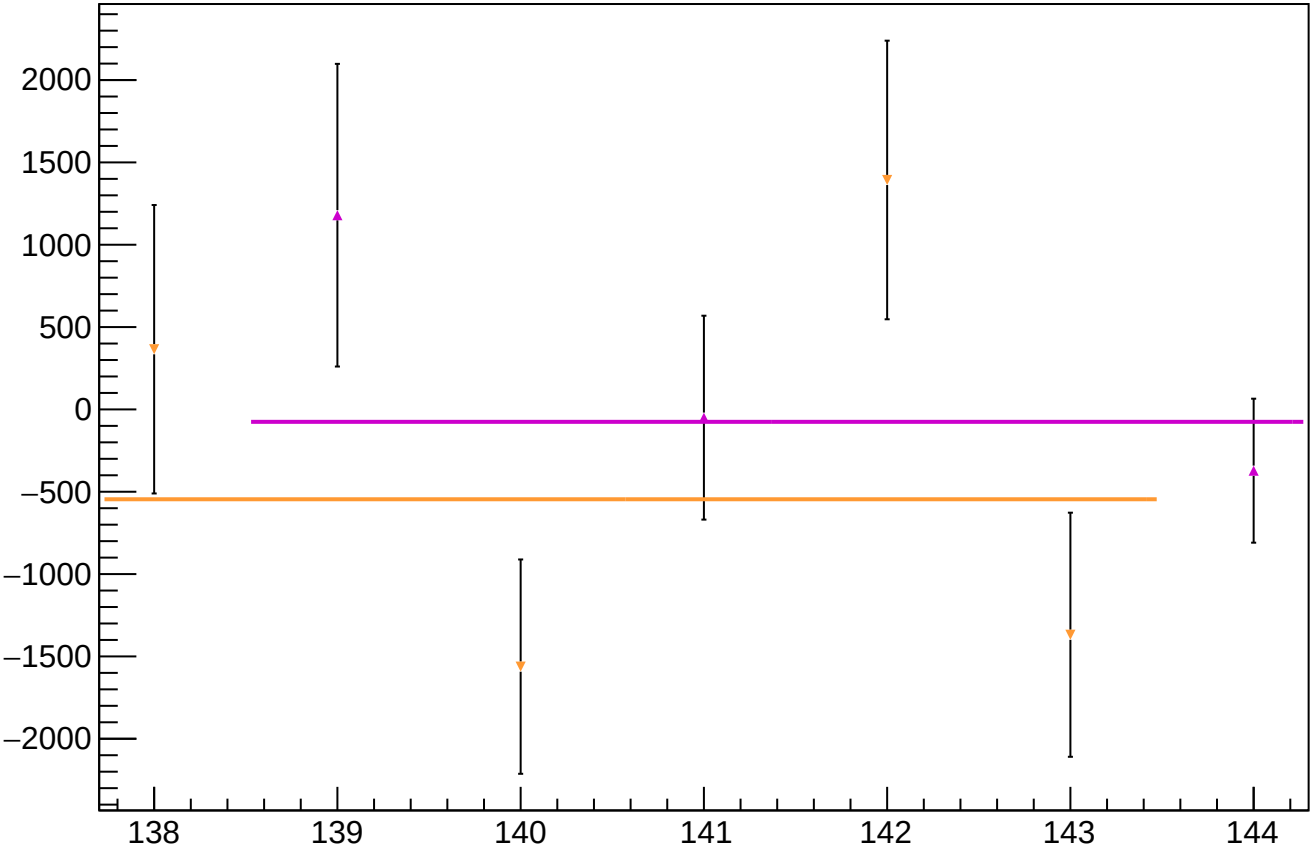
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 108.705+/-0.050 χ^2/NDF:34313.8/2

Out: 110.452+/-0.049 χ^2/NDF:20835.9/3

All: 109.595+/-0.035 χ^2/NDF: 55778.9/6

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -545.672+/-381.180 χ^2/NDF:10.0/3

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

Left In: -75.478+/-332.870 χ^2/NDF:2.3/2

Left: -278.908+/-250.726 χ^2/NDF: 13.2/6

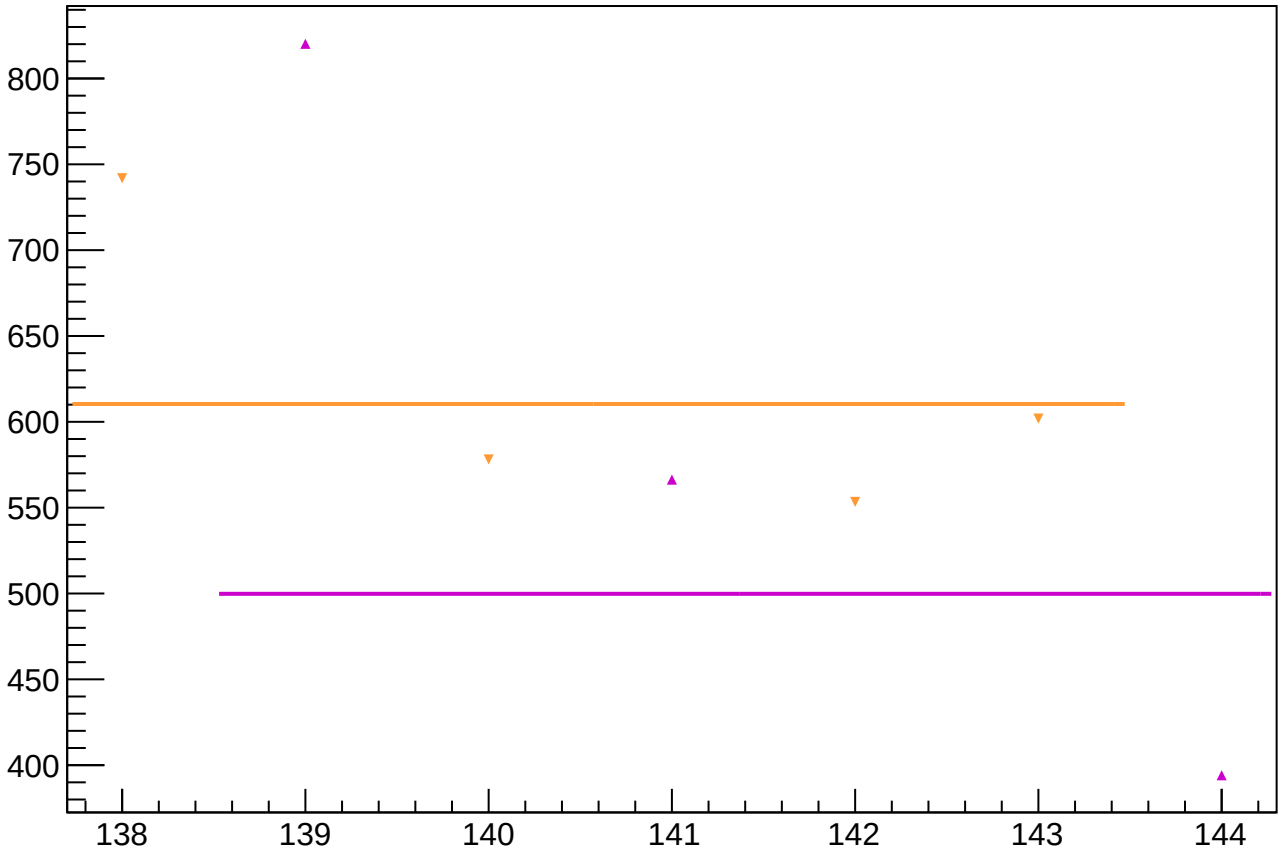
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -75.478+/-332.870 χ^2/NDF:2.3/2

Out: -545.672+/-381.180 χ^2/NDF:10.0/3

All: -278.908+/-250.726 χ^2/NDF: 13.2/6

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 610.389+/-0.270 χ^2/NDF:59381.5/3

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

Left In: 499.815+/-0.235 χ^2/NDF:383093.3/2

Left: 547.655+/-0.177 χ^2/NDF: 537957.0/6

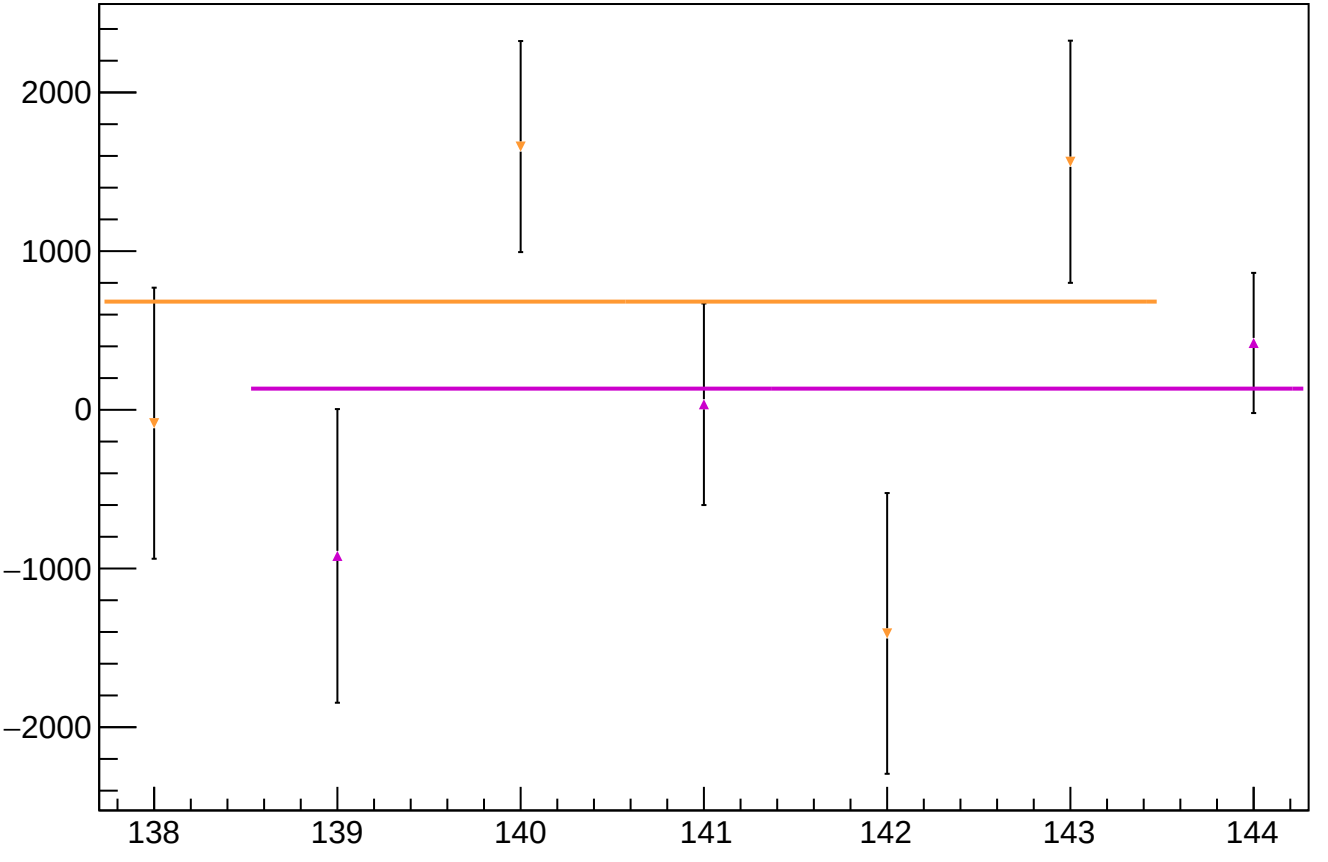
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 499.815+/-0.235 χ^2/NDF:383093.3/2

Out: 610.389+/-0.270 χ^2/NDF:59381.5/3

All: 547.655+/-0.177 χ^2/NDF: 537957.0/6

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 681.955+/-388.458 χ^2/NDF:9.9/3

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

Left In: 133.546+/-337.622 χ^2/NDF:1.7/2

Left: 369.541+/-254.826 χ^2/NDF: 12.8/6

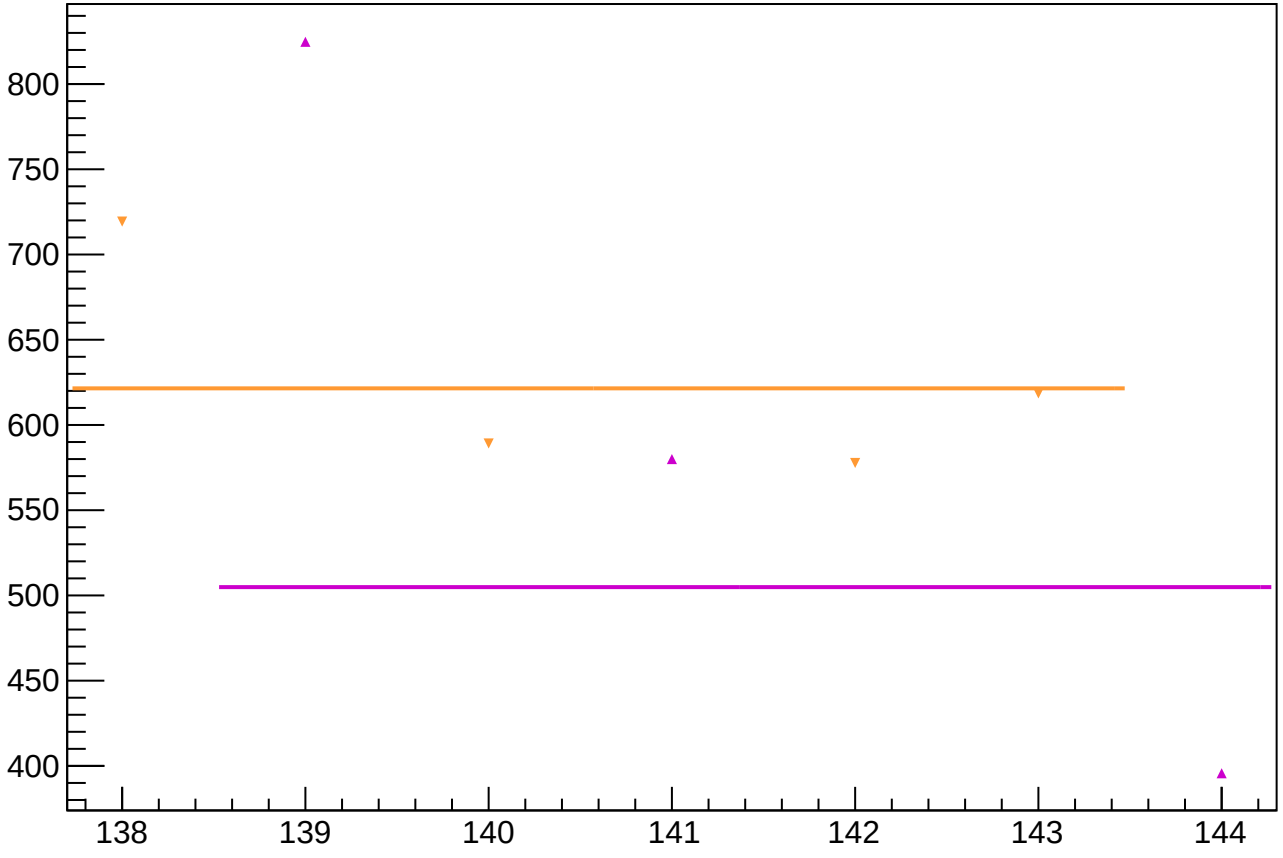
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 133.546+/-337.622 χ^2/NDF:1.7/2

Out: 681.955+/-388.458 χ^2/NDF:9.9/3

All: 369.541+/-254.826 χ^2/NDF: 12.8/6

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 621.481+/-0.275 χ^2/NDF:35896.8/3

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

Left In: 504.882+/-0.239 χ^2/NDF:389300.9/2

Left: 555.057+/-0.180 χ^2/NDF: 527847.0/6

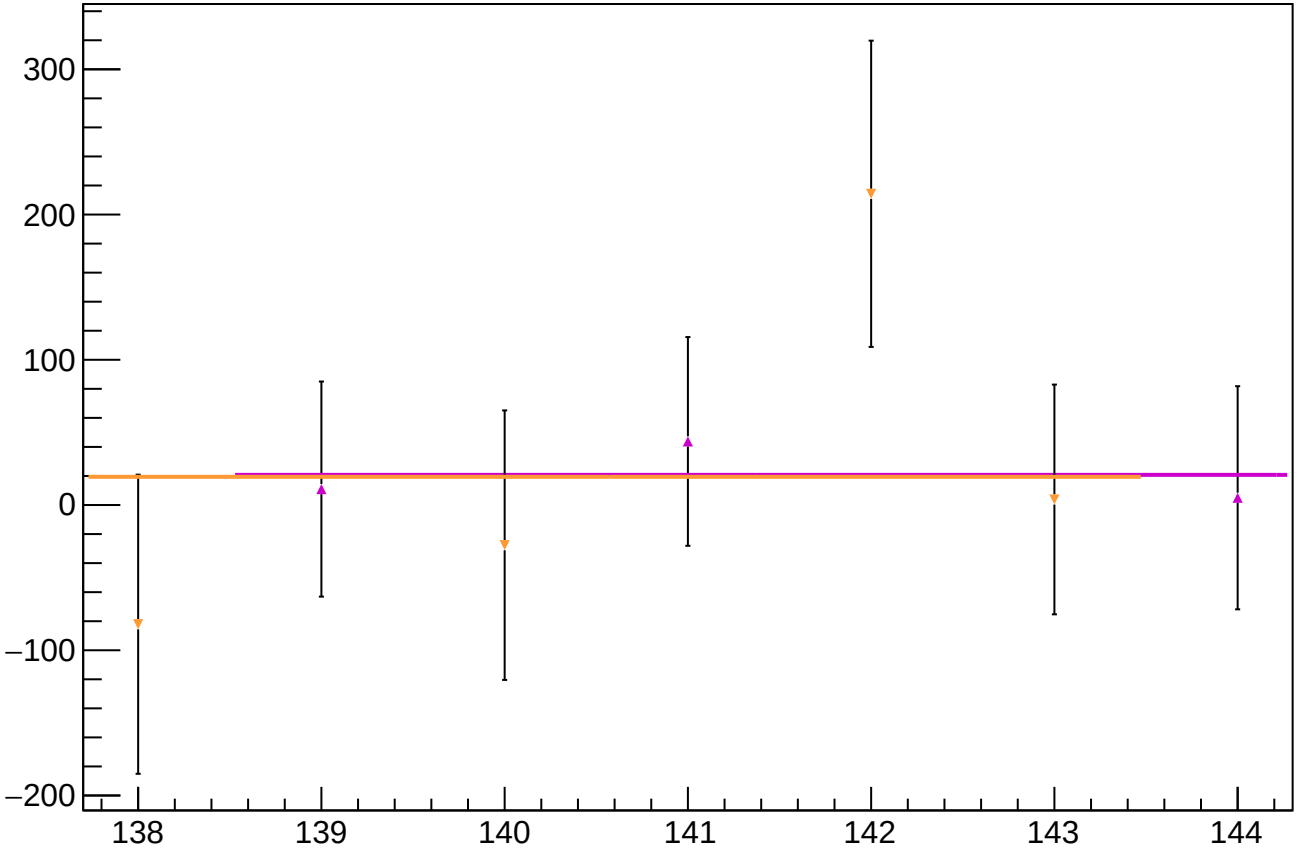
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 504.882+/-0.239 χ^2/NDF:389300.9/2

Out: 621.481+/-0.275 χ^2/NDF:35896.8/3

All: 555.057+/-0.180 χ^2/NDF: 527847.0/6

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: 19.425+/-46.612 χ^2/NDF:4.7/3

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

Left In: 20.764+/-42.817 χ^2/NDF:0.2/2

Left: 20.151+/-31.533 χ^2/NDF: 4.8/6

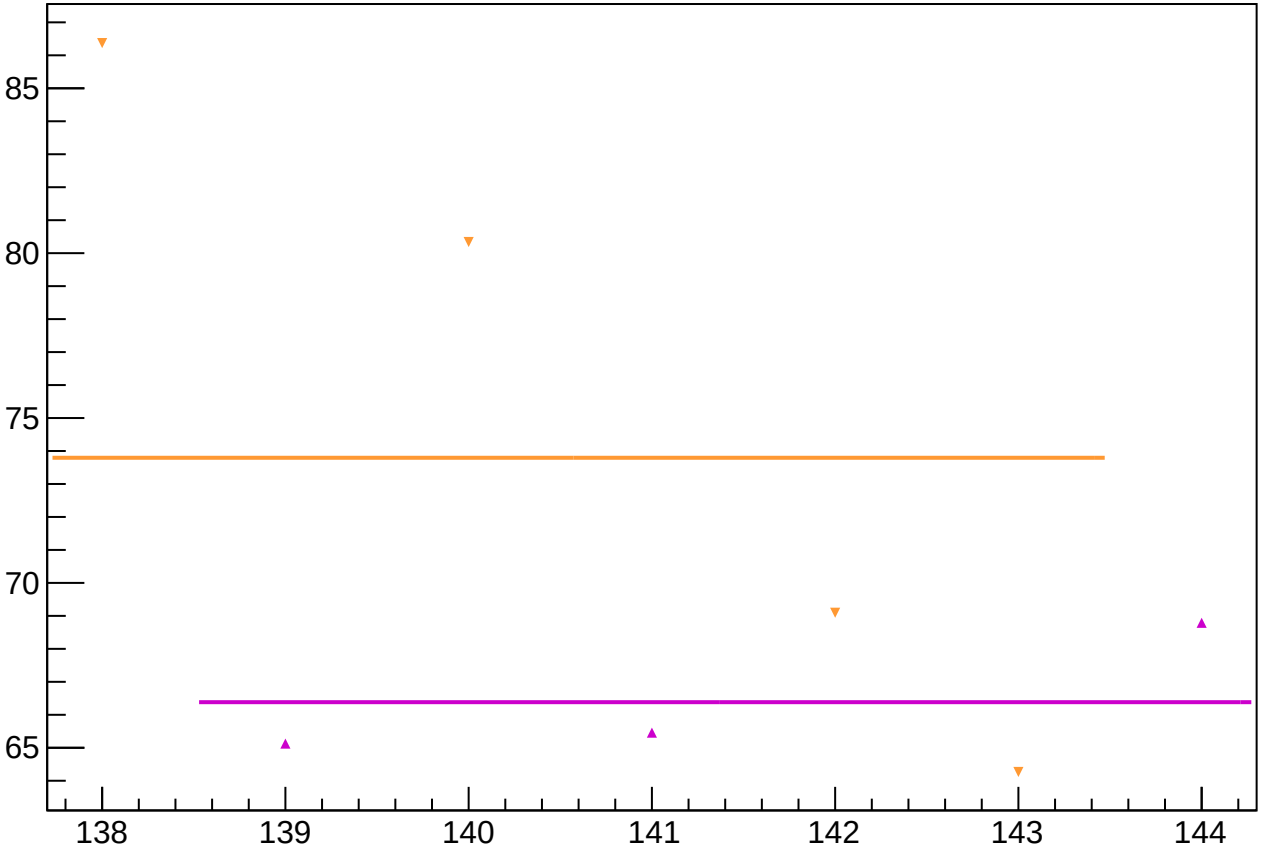
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.764+/-42.817 χ^2/NDF:0.2/2

Out: 19.425+/-46.612 χ^2/NDF:4.7/3

All: 20.151+/-31.533 χ^2/NDF: 4.8/6

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: 73.795+/-0.033 χ^2/NDF:72774.6/3

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

Left In: 66.383+/-0.030 χ^2/NDF:2870.4/2

Left: 69.775+/-0.022 χ^2/NDF: 103075.2/6

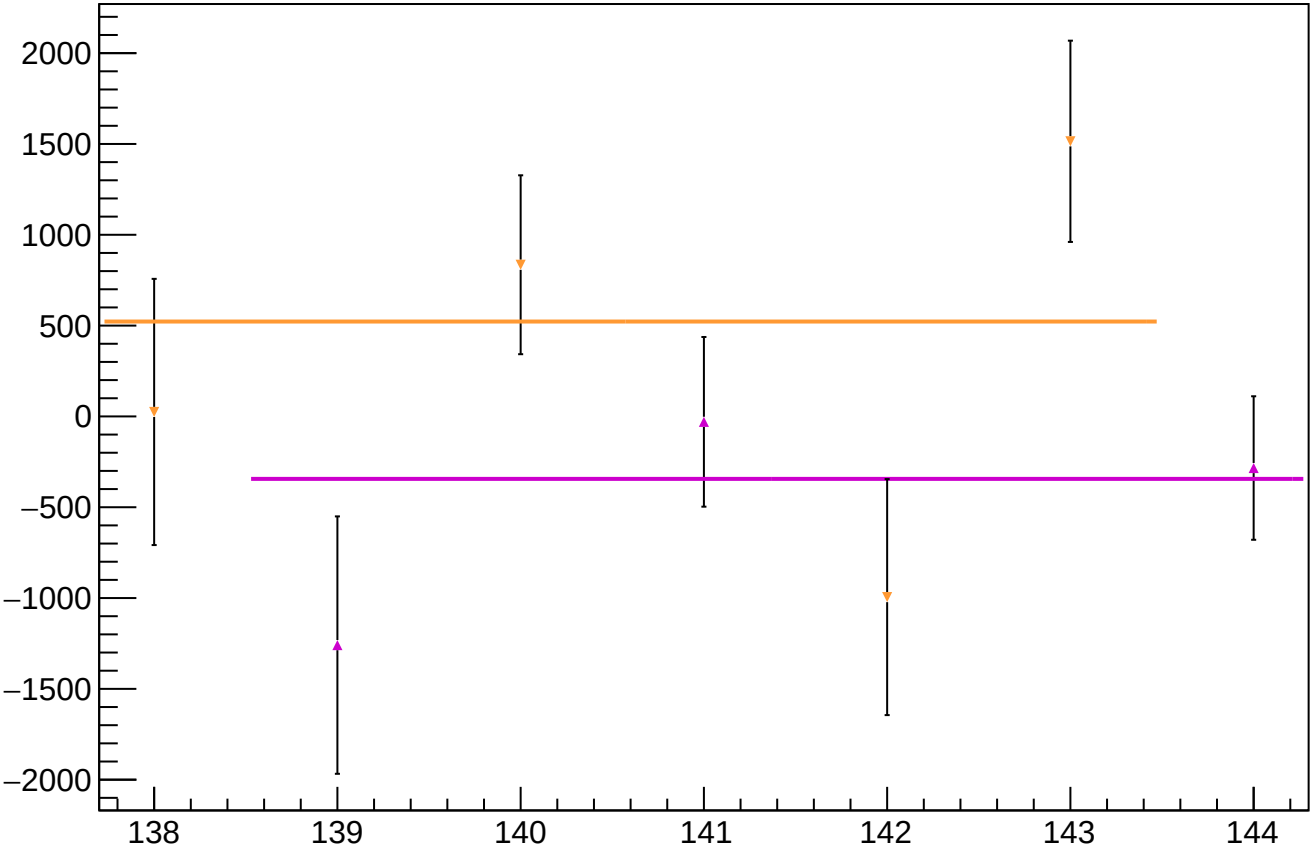
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.383+/-0.030 χ^2/NDF:2870.4/2

Out: 73.795+/-0.033 χ^2/NDF:72774.6/3

All: 69.775+/-0.022 χ^2/NDF: 103075.2/6

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: 522.386+/-293.454 χ^2/NDF:9.5/3

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

Left In: -343.909+/-277.532 χ^2/NDF:2.1/2

Left: 65.101+/-201.639 χ^2/NDF: 16.3/6

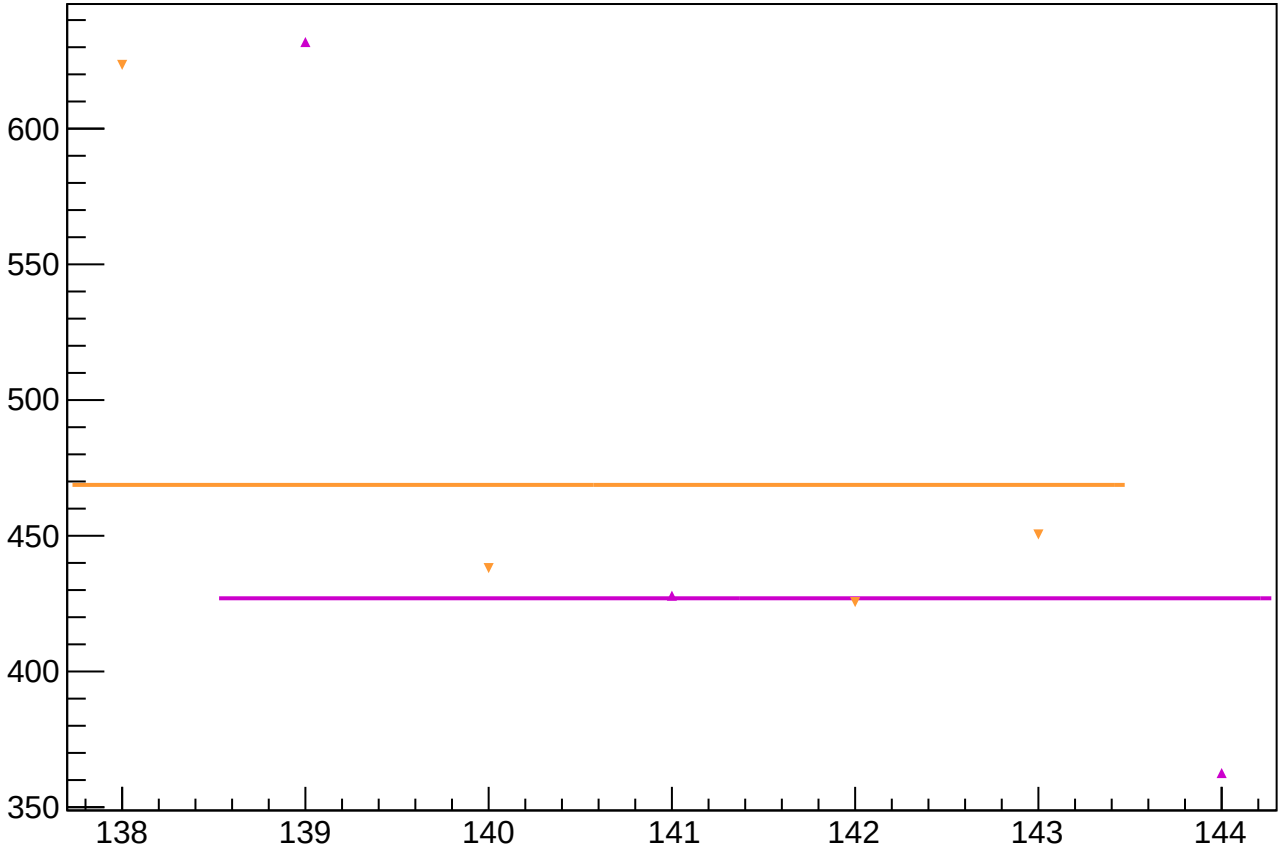
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -343.909+/-277.532 χ^2/NDF:2.1/2

Out: 522.386+/-293.454 χ^2/NDF:9.5/3

All: 65.101+/-201.639 χ^2/NDF: 16.3/6

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: 468.744+/-0.208 χ^2/NDF:107939.2/3

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

Left In: 426.967+/-0.196 χ^2/NDF:220441.9/2

Left: 446.692+/-0.143 χ^2/NDF: 349778.4/6

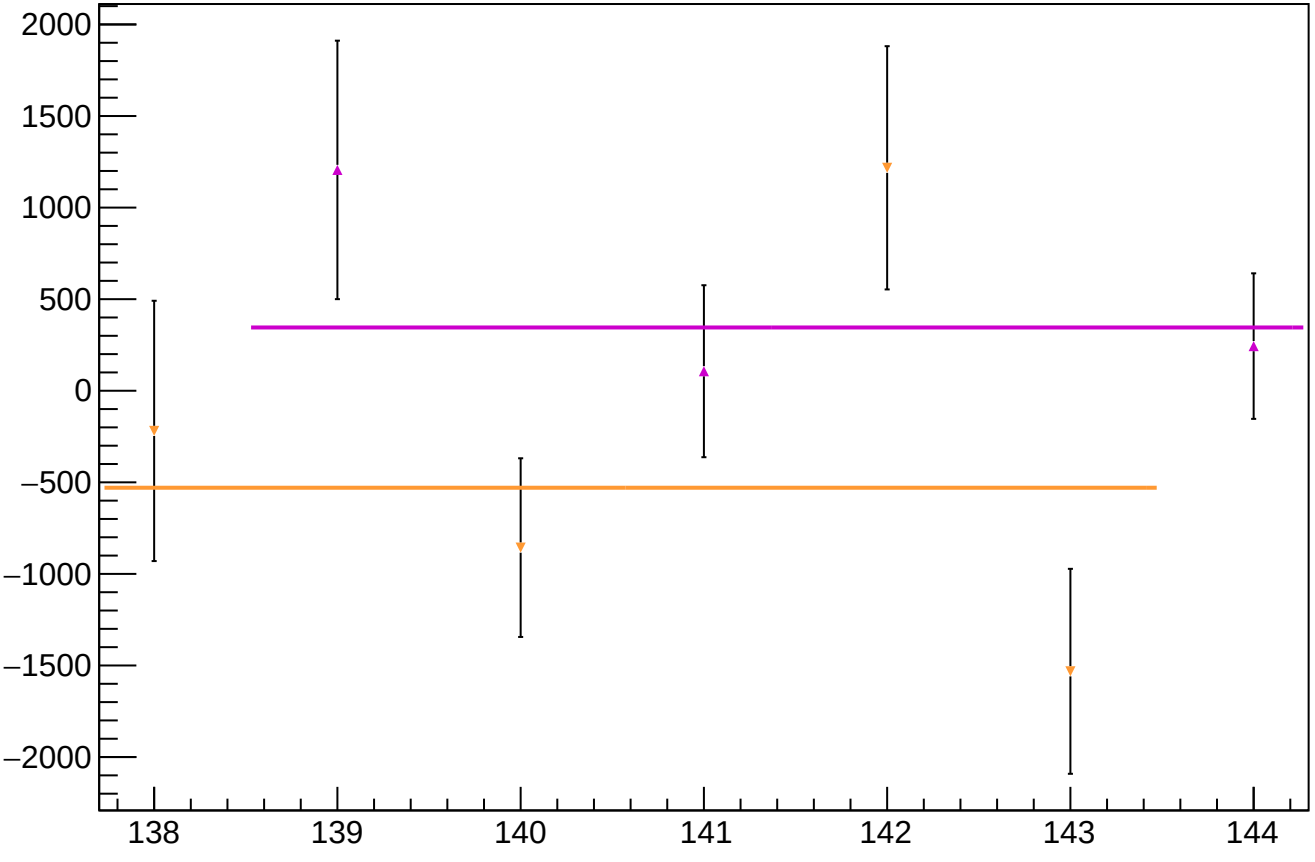
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 426.967+/-0.196 χ^2/NDF:220441.9/2

Out: 468.744+/-0.208 χ^2/NDF:107939.2/3

All: 446.692+/-0.143 χ^2/NDF: 349778.4/6

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -529.529+/-293.046 χ^2/NDF:10.8/3

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

Left In: 345.477+/-278.641 χ^2/NDF:1.8/2

Left: -69.992+/-201.929 χ^2/NDF: 17.3/6

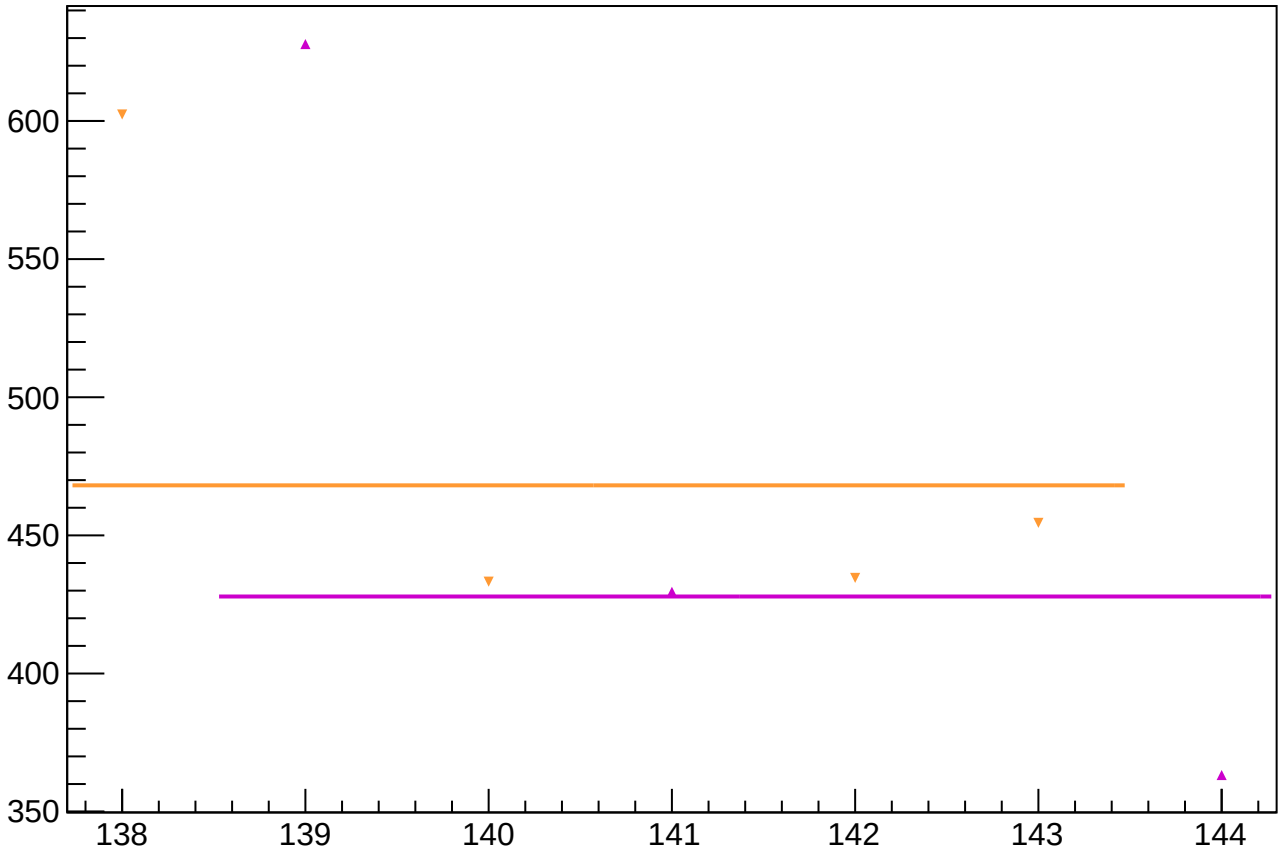
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 345.477+/-278.641 χ^2/NDF:1.8/2

Out: -529.529+/-293.046 χ^2/NDF:10.8/3

All: -69.992+/-201.929 χ^2/NDF: 17.3/6

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 468.111+/-0.207 χ^2/NDF:87856.1/3

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

Left In: 427.878+/-0.197 χ^2/NDF:213540.4/2

Left: 446.982+/-0.143 χ^2/NDF: 321195.4/6

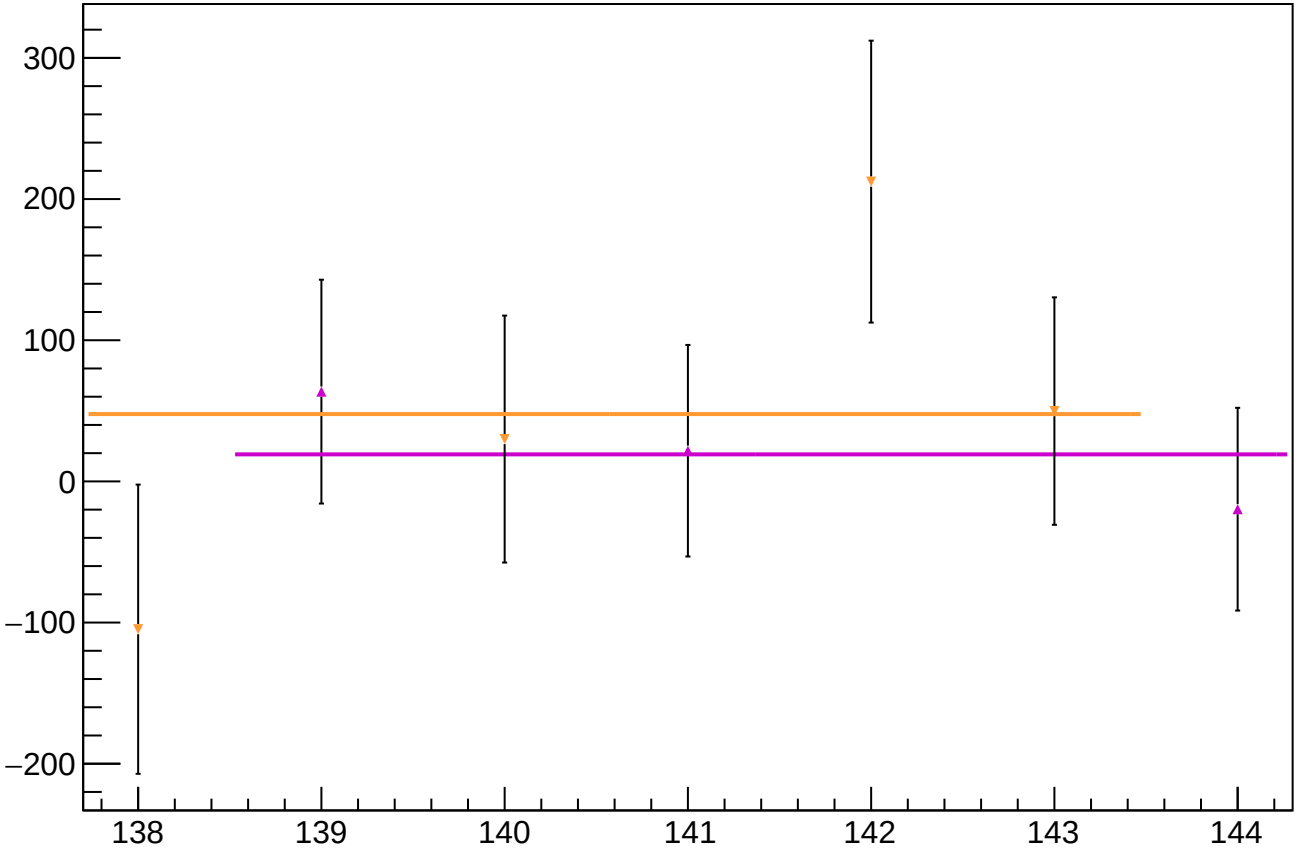
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 427.878+/-0.197 χ^2/NDF:213540.4/2

Out: 468.111+/-0.207 χ^2/NDF:87856.1/3

All: 446.982+/-0.143 χ^2/NDF: 321195.4/6

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: 47.699+/-45.626 χ^2/NDF:5.0/3

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

Left In: 19.149+/-43.392 χ^2/NDF:0.6/2

Left: 32.708+/-31.443 χ^2/NDF: 5.8/6

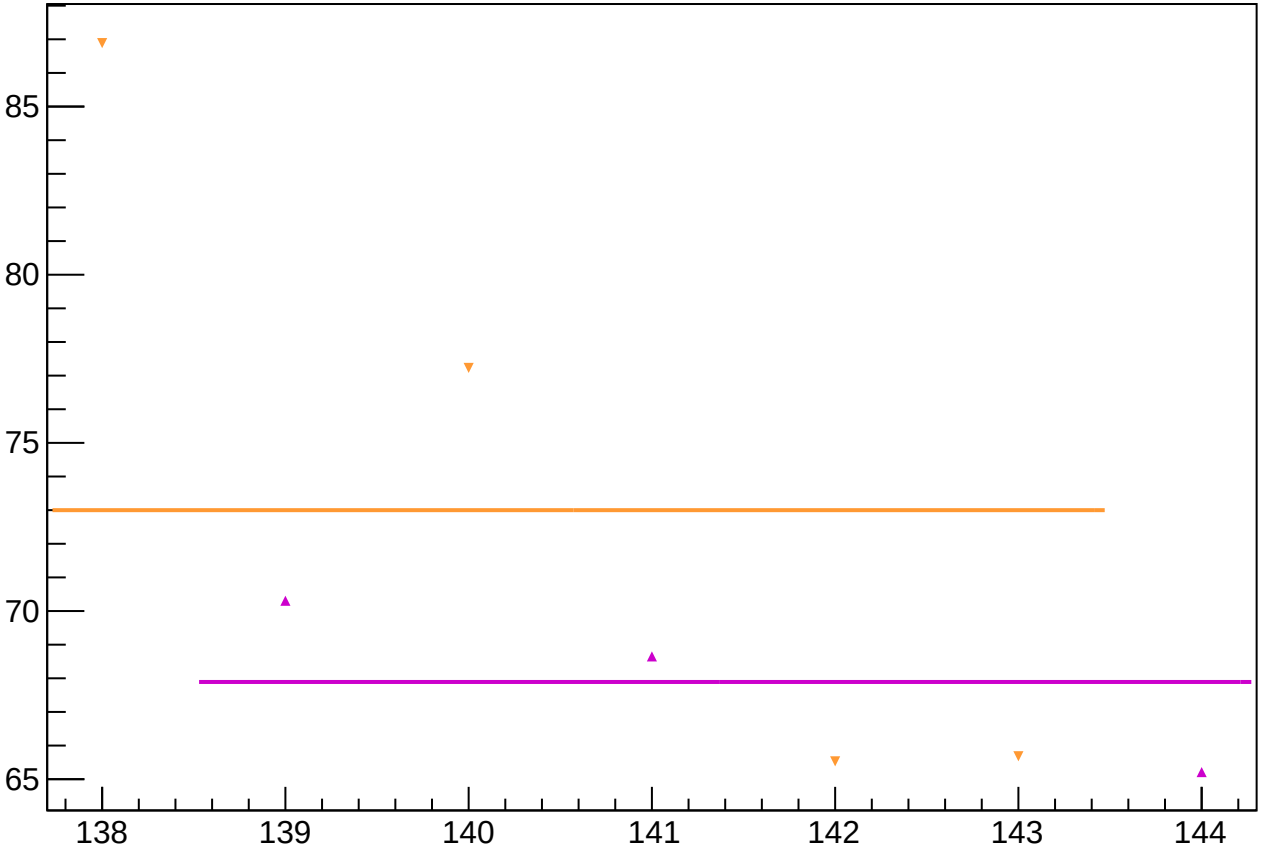
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.149+/-43.392 χ^2/NDF:0.6/2

Out: 47.699+/-45.626 χ^2/NDF:5.0/3

All: 32.708+/-31.443 χ^2/NDF: 5.8/6

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: 72.999+/-0.032 χ^2/NDF:69124.9/3

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

Left In: 67.891+/-0.031 χ^2/NDF:4846.5/2

Left: 70.317+/-0.022 χ^2/NDF: 87135.5/6

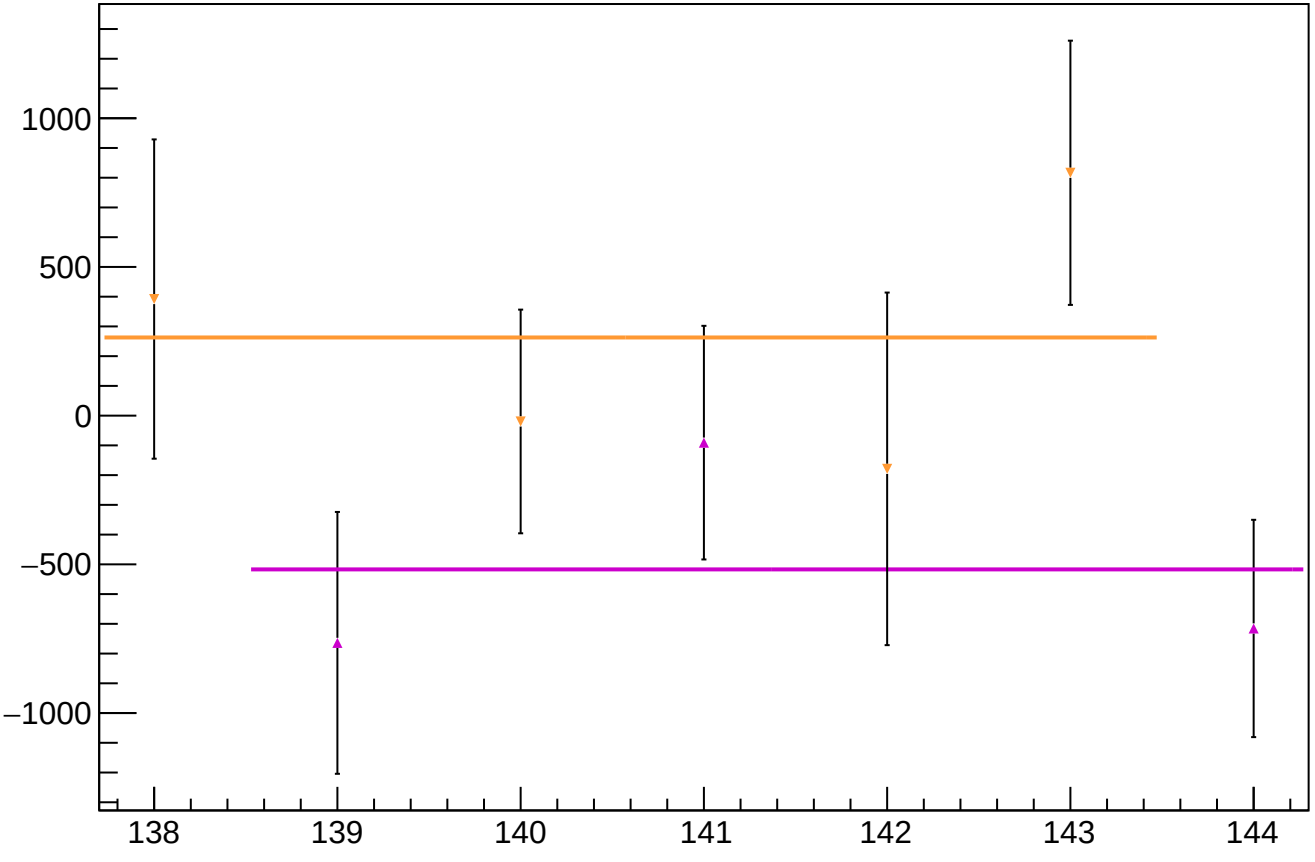
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.891+/-0.031 χ^2/NDF:4846.5/2

Out: 72.999+/-0.032 χ^2/NDF:69124.9/3

All: 70.317+/-0.022 χ^2/NDF: 87135.5/6

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: 262.844+/-232.776 χ^2/NDF:2.7/3

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

Left In: -516.985+/-228.609 χ^2/NDF:1.8/2

Left: -134.113+/-163.104 χ^2/NDF: 10.2/6

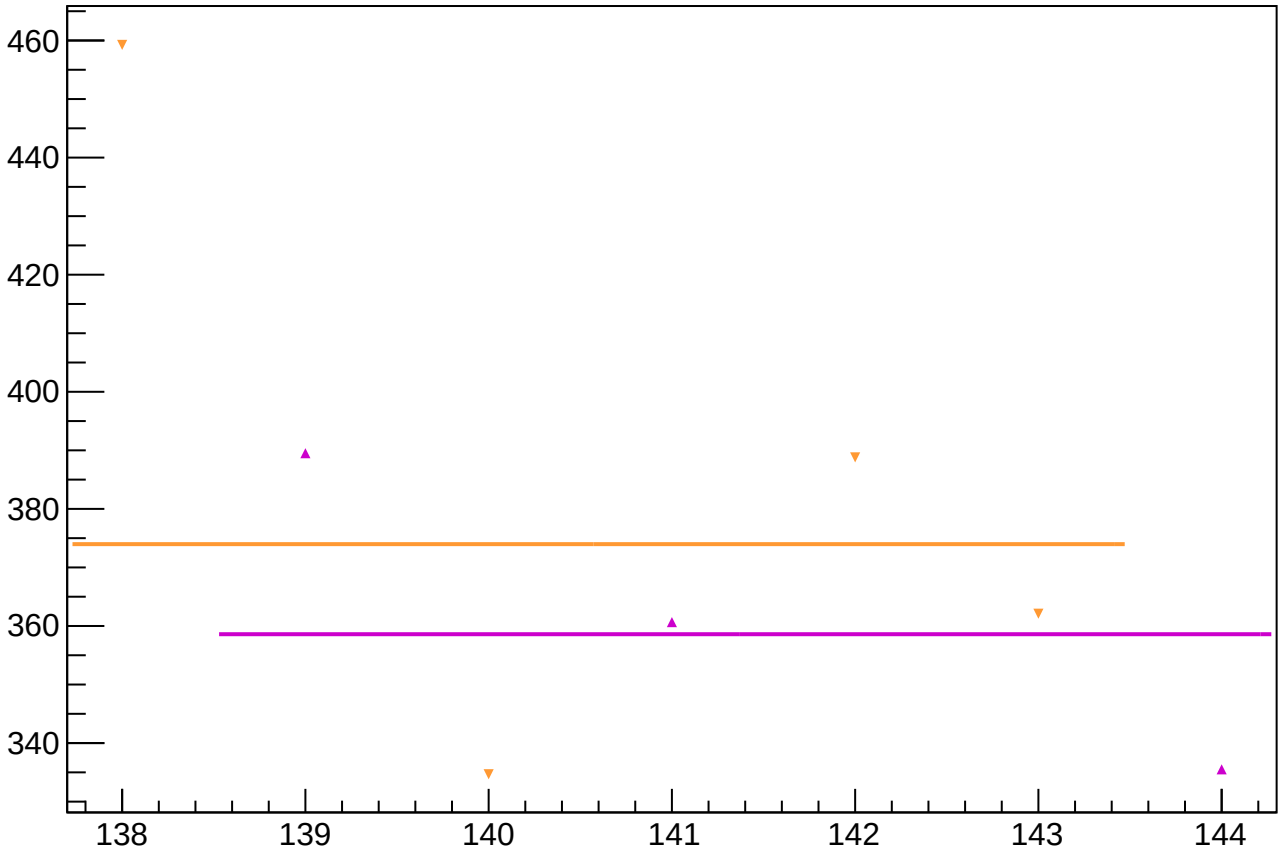
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -516.985+/-228.609 χ^2/NDF:1.8/2

Out: 262.844+/-232.776 χ^2/NDF:2.7/3

All: -134.113+/-163.104 χ^2/NDF: 10.2/6

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 373.979+/-0.165 χ^2/NDF:74993.2/3

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

Left In: 358.596+/-0.162 χ^2/NDF:17898.3/2

Left: 366.149+/-0.115 χ^2/NDF: 97337.7/6

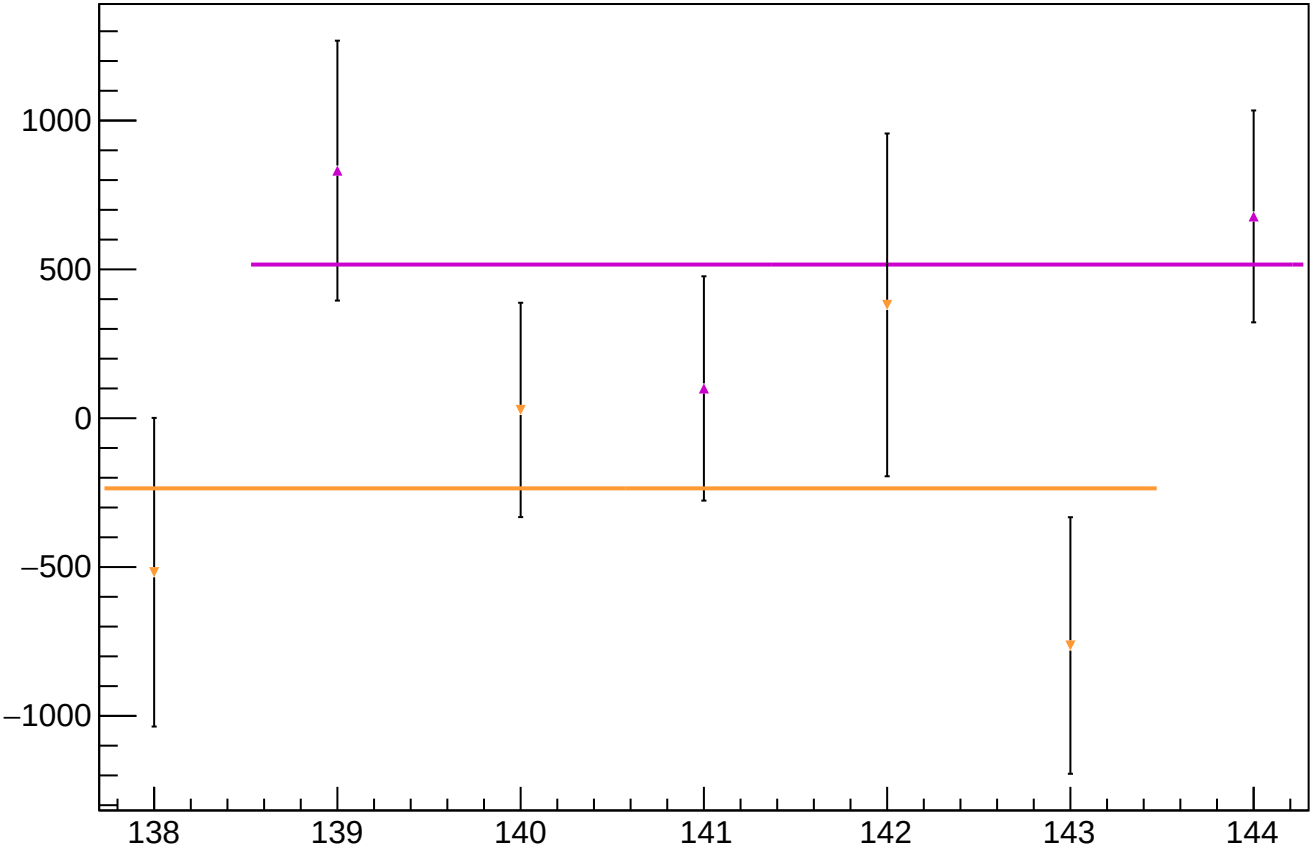
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 358.596+/-0.162 χ^2/NDF:17898.3/2

Out: 373.979+/-0.165 χ^2/NDF:74993.2/3

All: 366.149+/-0.115 χ^2/NDF: 97337.7/6

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -235.598+/-224.532 χ^2/NDF:3.5/3

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

Left In: 516.244+/-222.577 χ^2/NDF:1.9/2

Left: 143.610+/-158.072 χ^2/NDF: 11.1/6

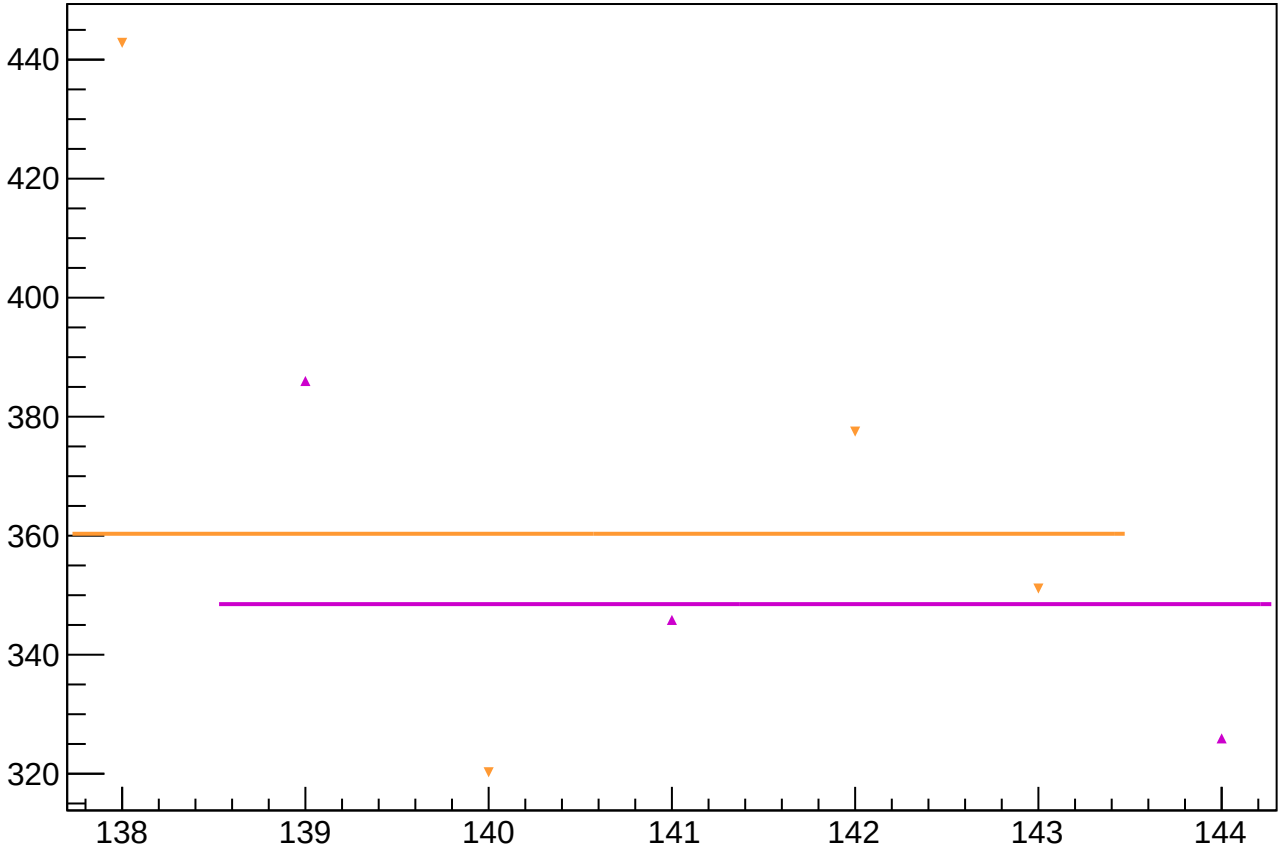
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 516.244+/-222.577 χ^2/NDF:1.9/2

Out: -235.598+/-224.532 χ^2/NDF:3.5/3

All: 143.610+/-158.072 χ^2/NDF: 11.1/6

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 360.324+/-0.159 χ^2/NDF:78121.8/3

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

Left In: 348.501+/-0.157 χ^2/NDF:22891.6/2

Left: 354.361+/-0.112 χ^2/NDF: 103810.3/6

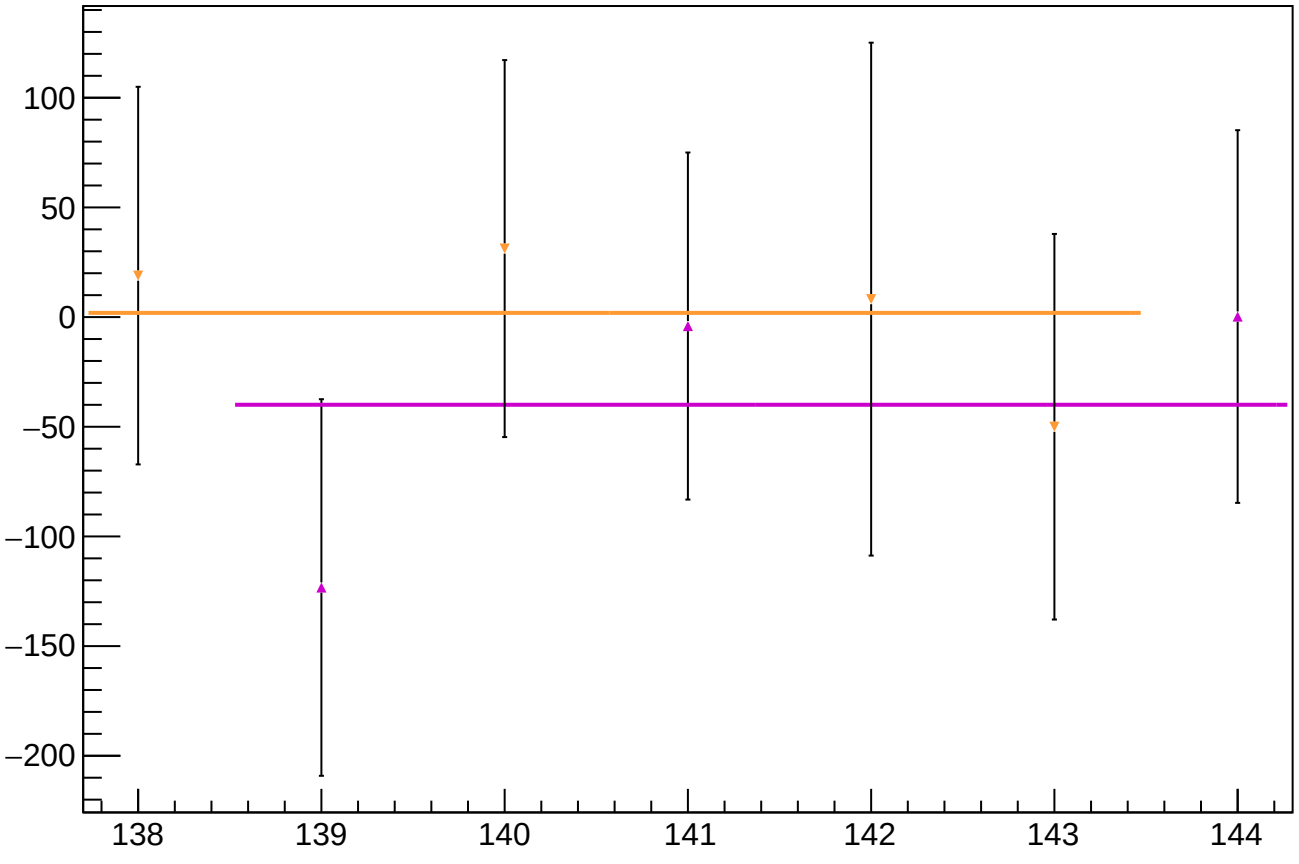
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 348.501+/-0.157 χ^2/NDF:22891.6/2

Out: 360.324+/-0.159 χ^2/NDF:78121.8/3

All: 354.361+/-0.112 χ^2/NDF: 103810.3/6

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: 1.925+/-45.982 χ^2/NDF:0.5/3

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

Left In: -39.970+/-48.001 χ^2/NDF:1.4/2

Left: -18.123+/-33.205 χ^2/NDF: 2.3/6

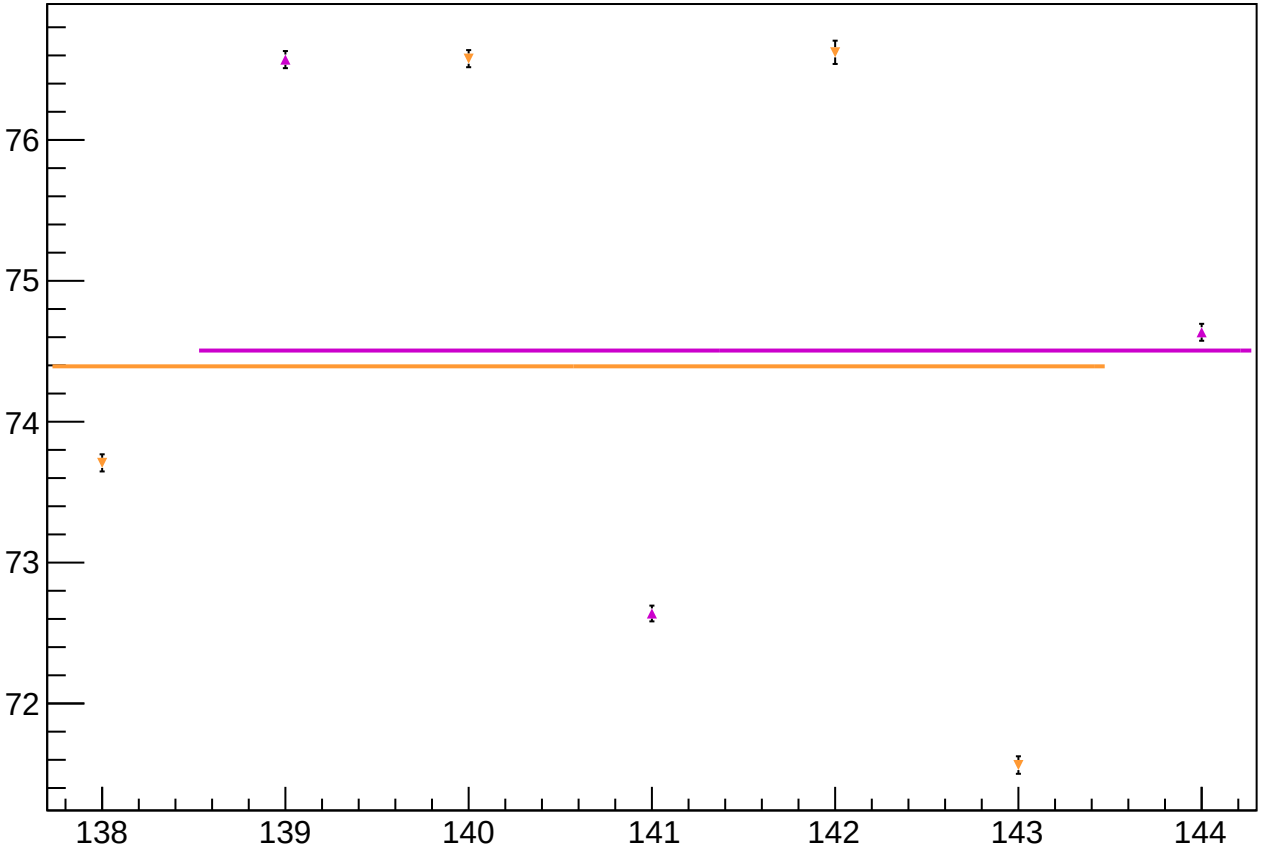
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.970+/-48.001 χ^2/NDF:1.4/2

Out: 1.925+/-45.982 χ^2/NDF:0.5/3

All: -18.123+/-33.205 χ^2/NDF: 2.3/6

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: 74.393+/-0.033 χ^2/NDF:4219.0/3

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

Left In: 74.505+/-0.034 χ^2/NDF:2275.5/2

Left: 74.447+/-0.023 χ^2/NDF: 6500.1/6

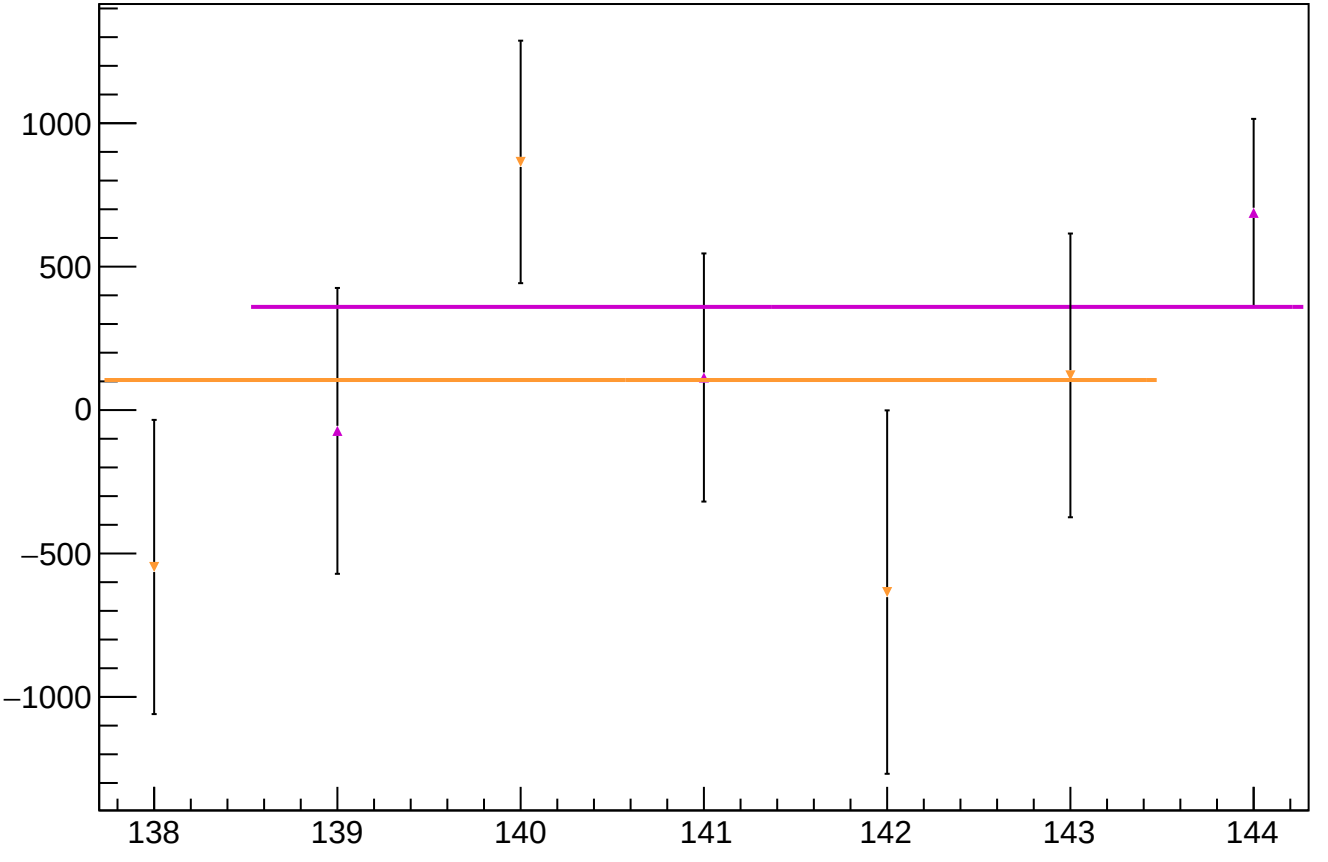
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 74.505+/-0.034 χ^2/NDF:2275.5/2

Out: 74.393+/-0.033 χ^2/NDF:4219.0/3

All: 74.447+/-0.023 χ^2/NDF: 6500.1/6

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: 104.794+/-250.156 χ^2/NDF:6.2/3

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

Left In: 359.686+/-231.275 χ^2/NDF:2.1/2

Left: 242.221+/-169.819 χ^2/NDF: 8.9/6

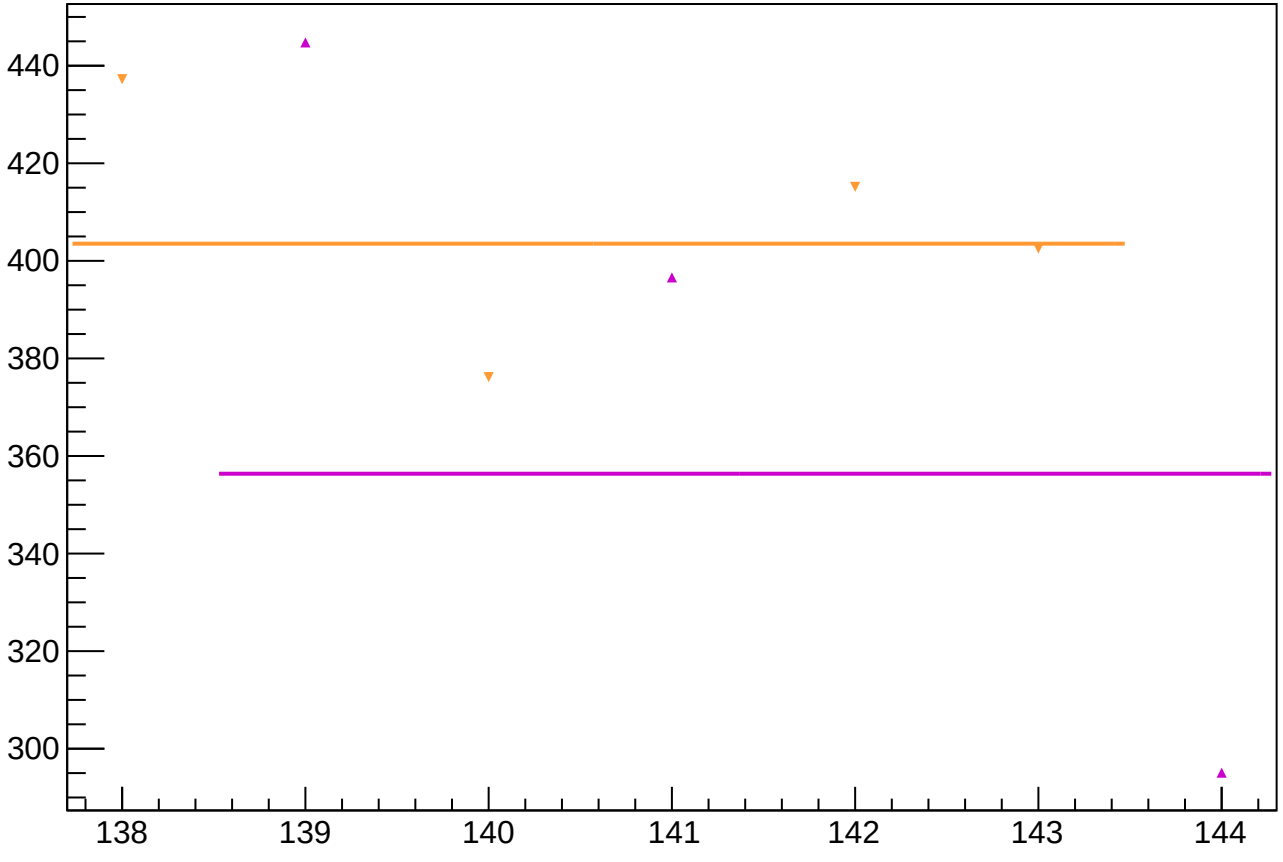
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 359.686+/-231.275 χ^2/NDF:2.1/2

Out: 104.794+/-250.156 χ^2/NDF:6.2/3

All: 242.221+/-169.819 χ^2/NDF: 8.9/6

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: 403.522+/-0.177 χ^2/NDF:17708.4/3

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

Left In: 356.366+/-0.164 χ^2/NDF:150303.1/2

Left: 378.098+/-0.120 χ^2/NDF: 206329.6/6

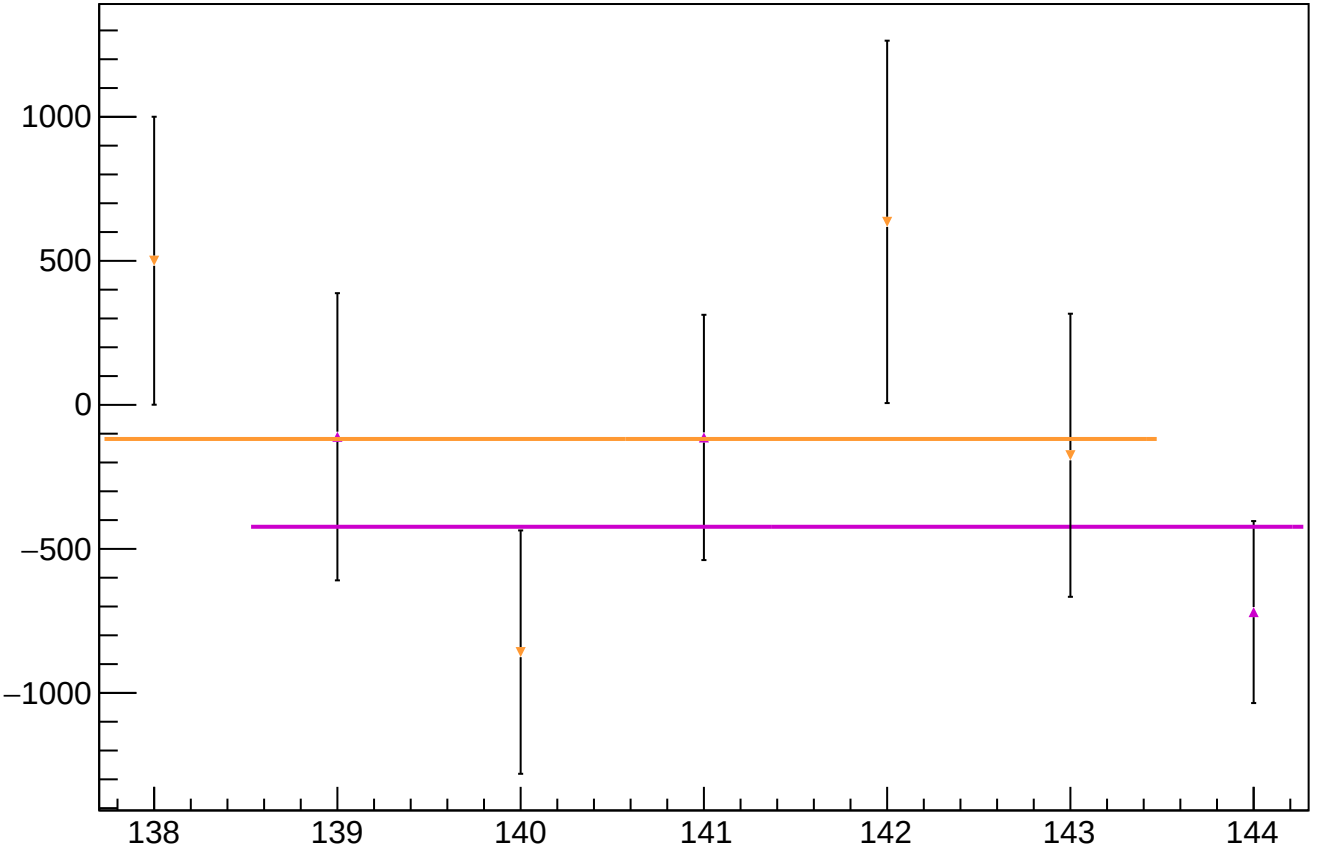
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 356.366+/-0.164 χ^2/NDF:150303.1/2

Out: 403.522+/-0.177 χ^2/NDF:17708.4/3

All: 378.098+/-0.120 χ^2/NDF: 206329.6/6

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -118.320+/-247.894 χ^2/NDF:6.0/3

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

Left In: -423.164+/-226.091 χ^2/NDF:1.8/2

Left: -284.735+/-167.048 χ^2/NDF: 8.7/6

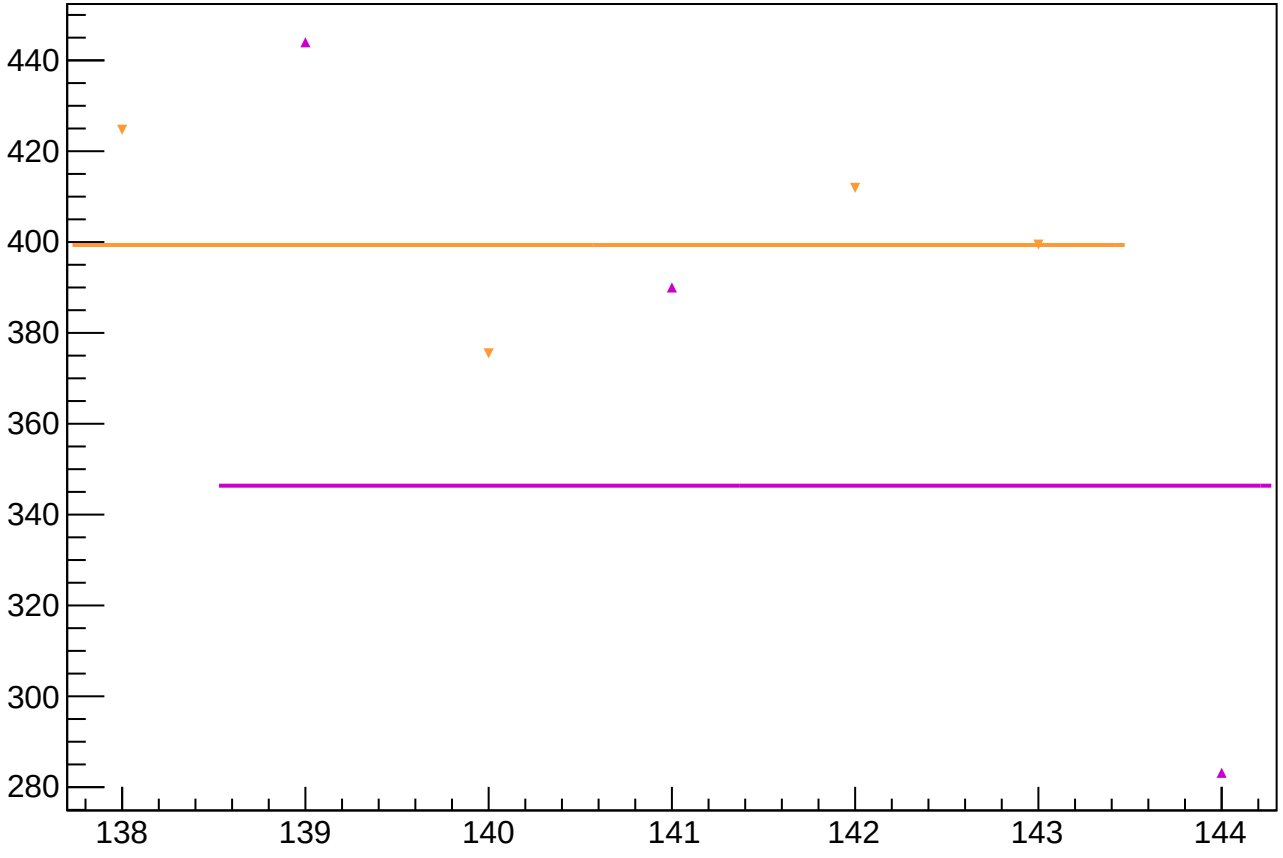
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -423.164+/-226.091 χ^2/NDF:1.8/2

Out: -118.320+/-247.894 χ^2/NDF:6.0/3

All: -284.735+/-167.048 χ^2/NDF: 8.7/6

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 399.354+/-0.175 χ^2/NDF:12325.1/3

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

Left In: 346.369+/-0.160 χ^2/NDF:177766.7/2

Left: 370.429+/-0.118 χ^2/NDF: 239968.9/6

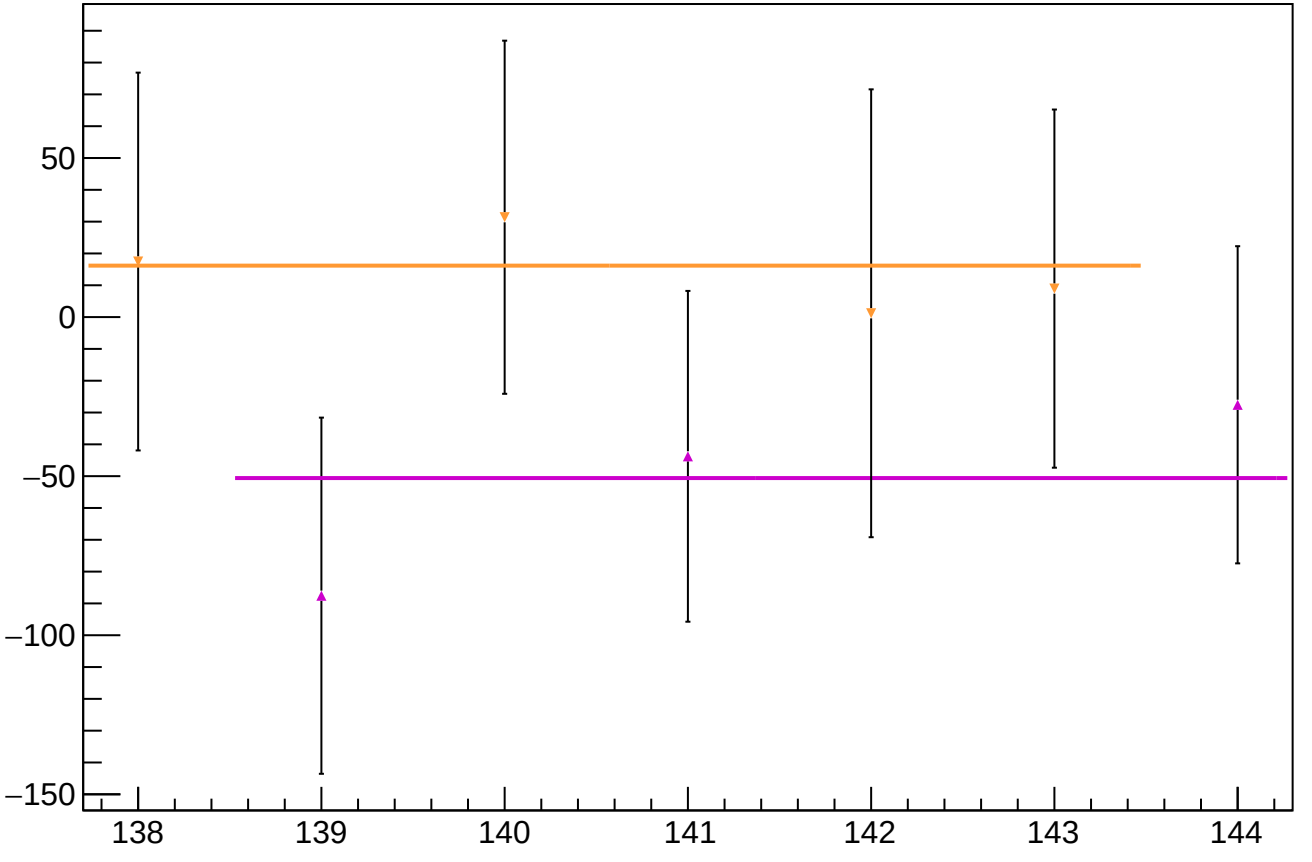
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 346.369+/-0.160 χ^2/NDF:177766.7/2

Out: 399.354+/-0.175 χ^2/NDF:12325.1/3

All: 370.429+/-0.118 χ^2/NDF: 239968.9/6

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: 16.173+/-29.804 χ^2/NDF:0.1/3

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

Left In: -50.600+/-30.267 χ^2/NDF:0.7/2

Left: -16.700+/-21.236 χ^2/NDF: 3.3/6

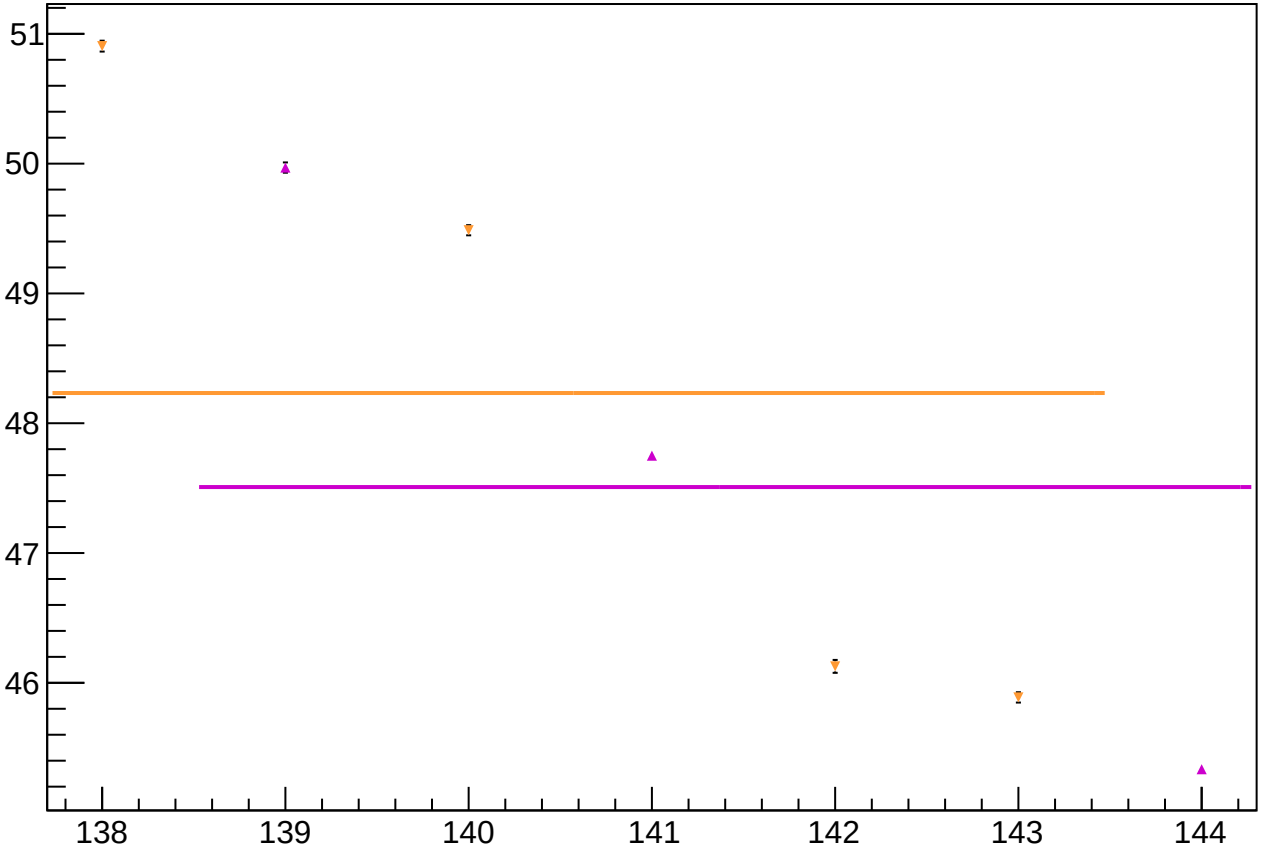
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -50.600+/-30.267 χ^2/NDF:0.7/2

Out: 16.173+/-29.804 χ^2/NDF:0.1/3

All: -16.700+/-21.236 χ^2/NDF: 3.3/6

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: 48.233+/-0.021 χ^2/NDF:10335.2/3

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

Left In: 47.508+/-0.021 χ^2/NDF:7714.7/2

Left: 47.876+/-0.015 χ^2/NDF: 18631.8/6

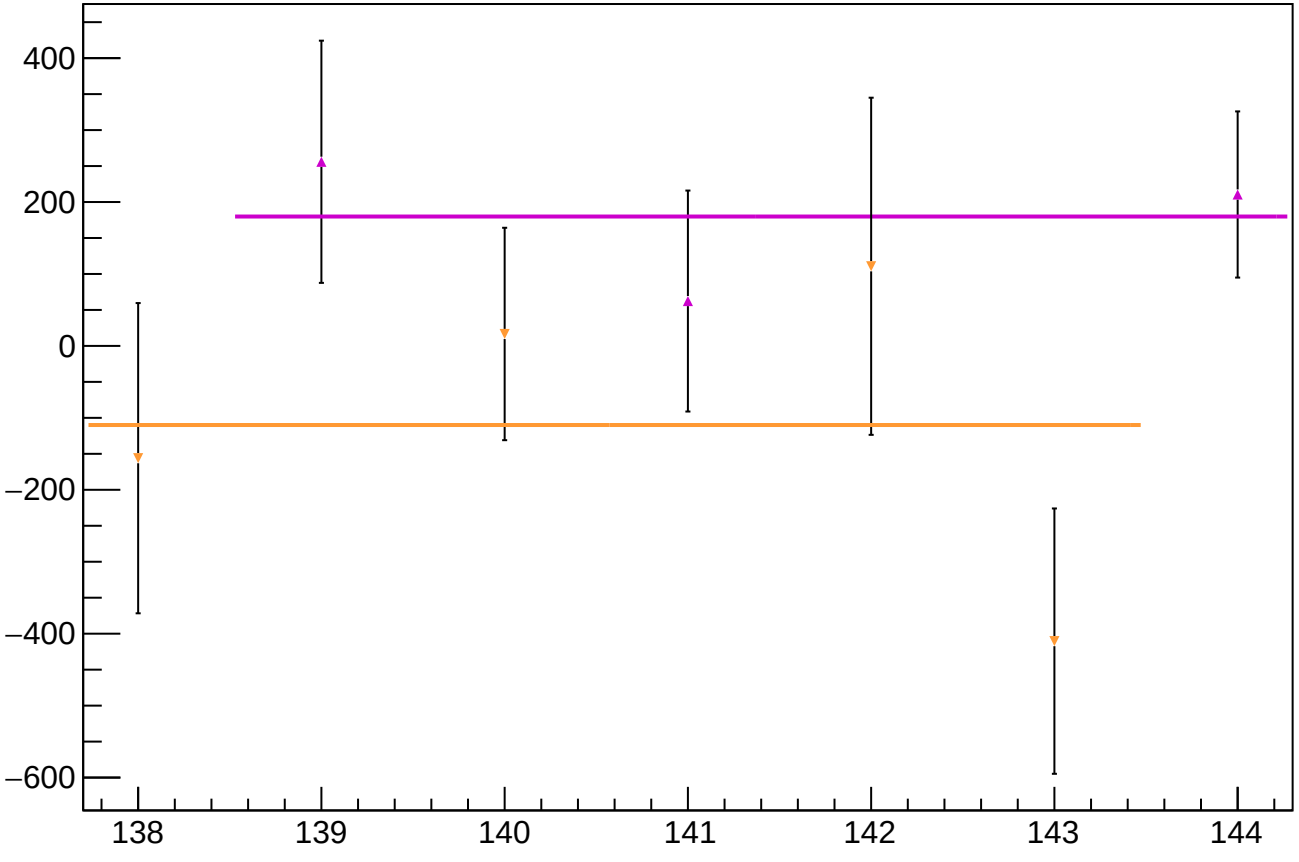
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 47.508+/-0.021 χ^2/NDF:7714.7/2

Out: 48.233+/-0.021 χ^2/NDF:10335.2/3

All: 47.876+/-0.015 χ^2/NDF: 18631.8/6

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: -109.955+/-93.242 χ^2/NDF:4.3/3

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

Left In: 179.842+/-80.932 χ^2/NDF:0.9/2

Left: 55.323+/-61.120 χ^2/NDF: 10.7/6

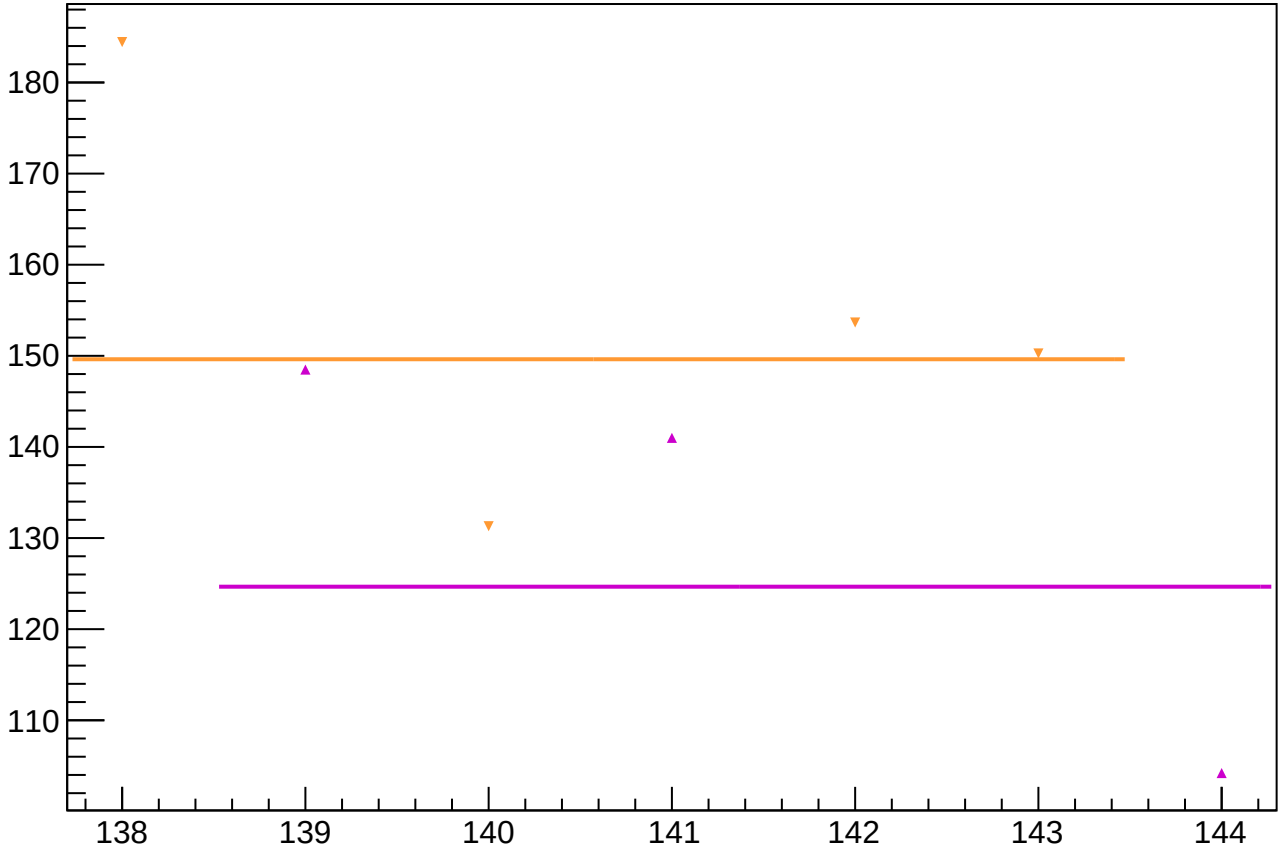
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 179.842+/-80.932 χ^2/NDF:0.9/2

Out: -109.955+/-93.242 χ^2/NDF:4.3/3

All: 55.323+/-61.120 χ^2/NDF: 10.7/6

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: 149.624+/-0.066 χ^2/NDF:83577.7/3

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

Left In: 124.661+/-0.057 χ^2/NDF:125446.6/2

Left: 135.387+/-0.043 χ^2/NDF: 290778.7/6

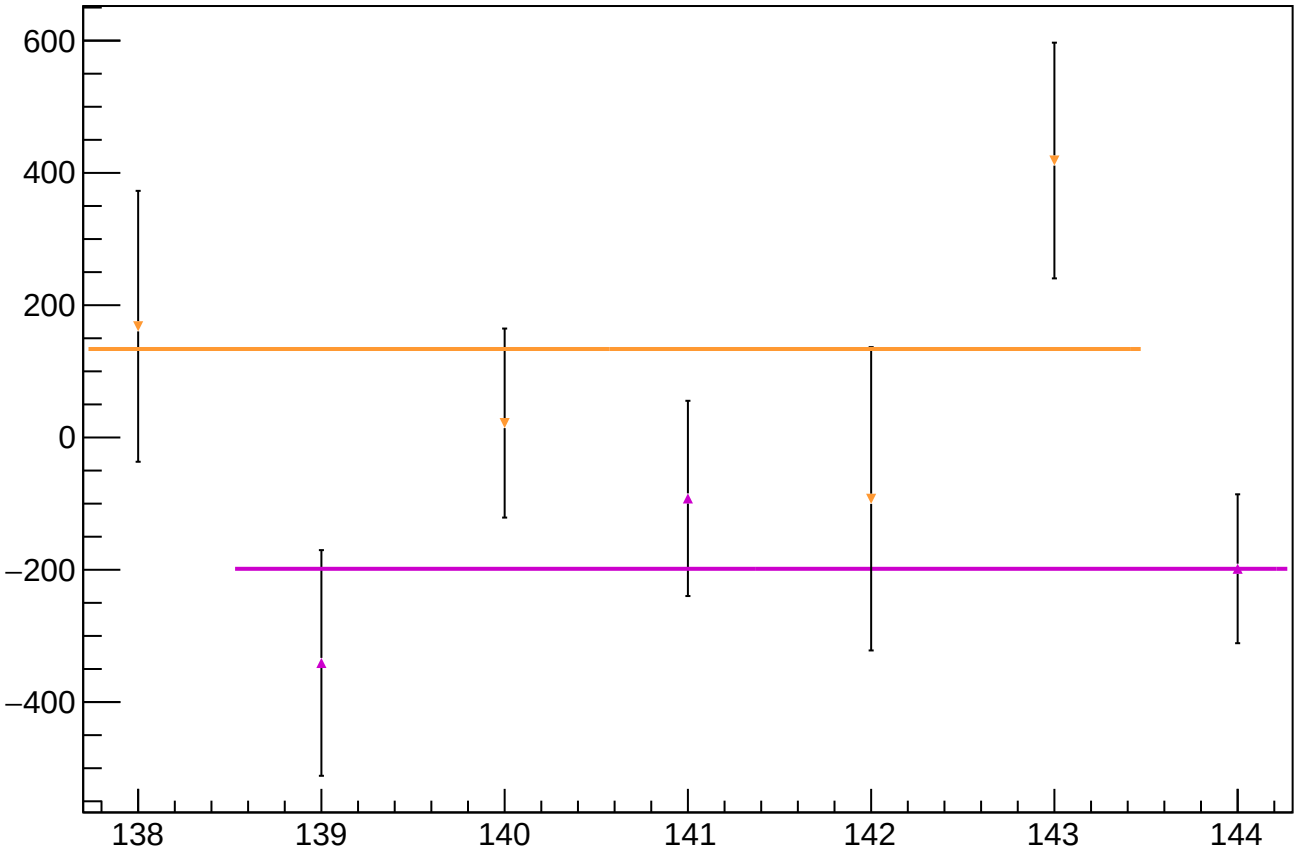
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 124.661+/-0.057 χ^2/NDF:125446.6/2

Out: 149.624+/-0.066 χ^2/NDF:83577.7/3

All: 135.387+/-0.043 χ^2/NDF: 290778.7/6

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 133.786+/-90.043 χ^2/NDF:4.2/3

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

Left In: -198.523+/-79.254 χ^2/NDF:1.2/2

Left: -53.461+/-59.492 χ^2/NDF: 13.1/6

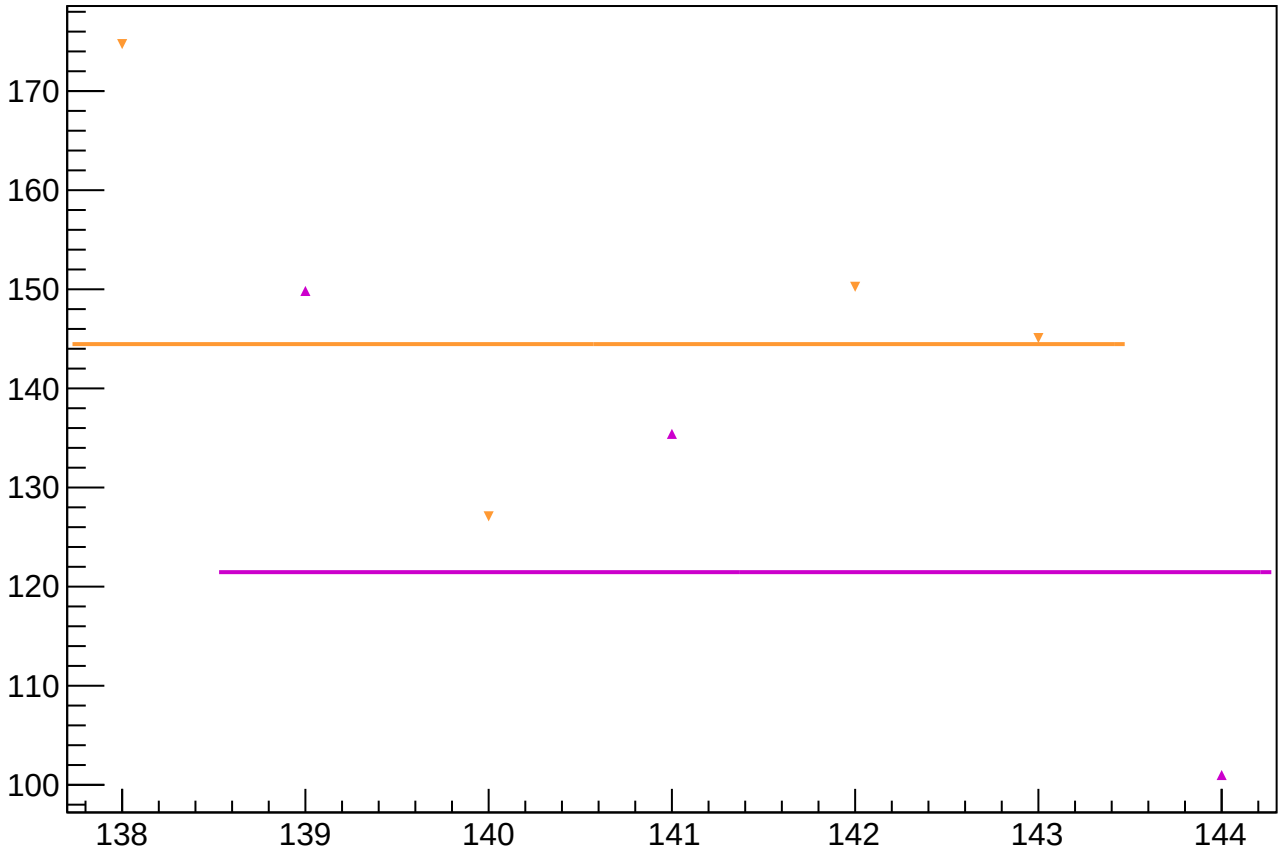
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -198.523+/-79.254 χ^2/NDF:1.2/2

Out: 133.786+/-90.043 χ^2/NDF:4.2/3

All: -53.461+/-59.492 χ^2/NDF: 13.1/6

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 144.470+/-0.064 χ^2/NDF:74572.8/3

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

Left In: 121.460+/-0.056 χ^2/NDF:139335.1/2

Left: 131.505+/-0.042 χ^2/NDF: 287495.6/6

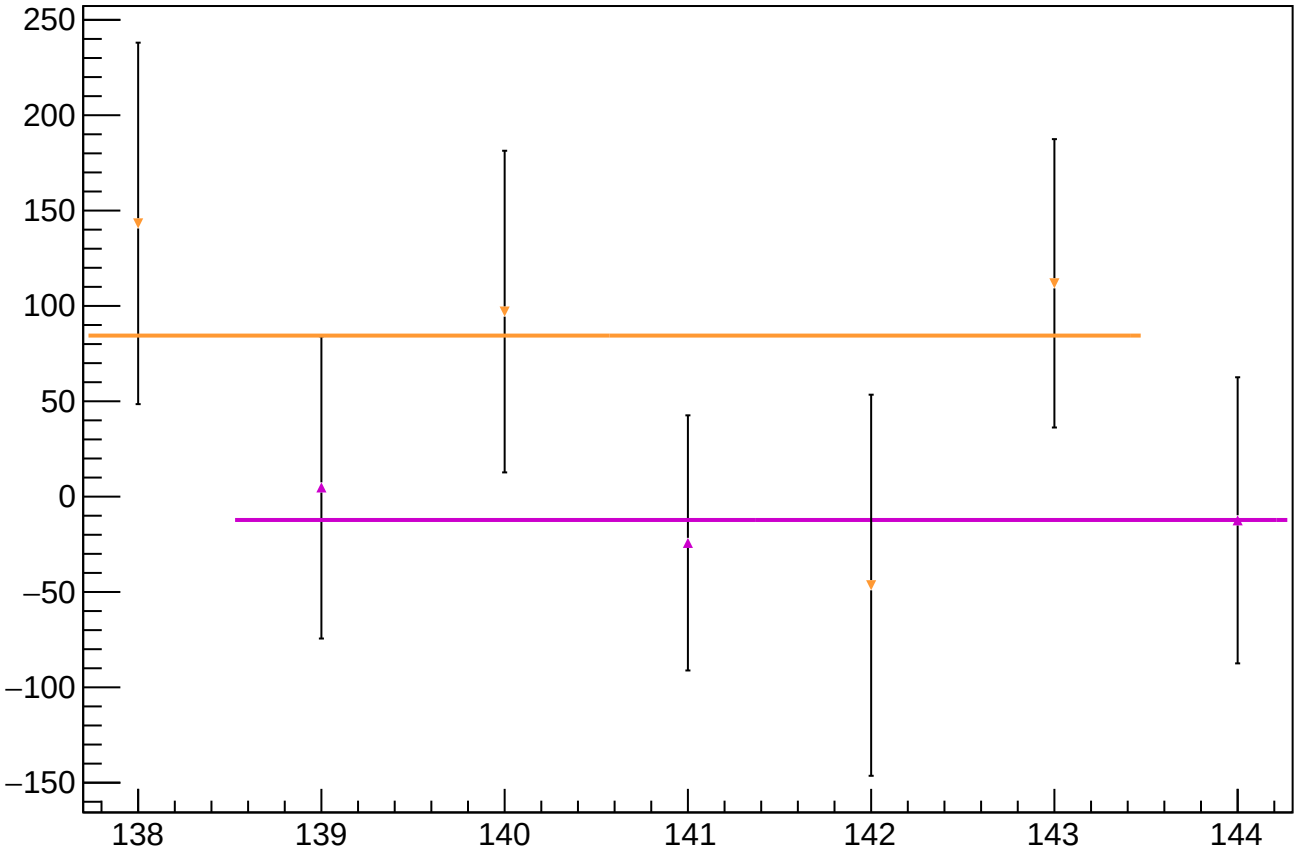
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 121.460+/-0.056 χ^2/NDF:139335.1/2

Out: 144.470+/-0.064 χ^2/NDF:74572.8/3

All: 131.505+/-0.042 χ^2/NDF: 287495.6/6

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 84.451+/-43.559 χ^2/NDF:2.3/3

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

Left In: -12.238+/-42.241 χ^2/NDF:0.1/2

Left: 34.621+/-30.324 χ^2/NDF: 4.9/6

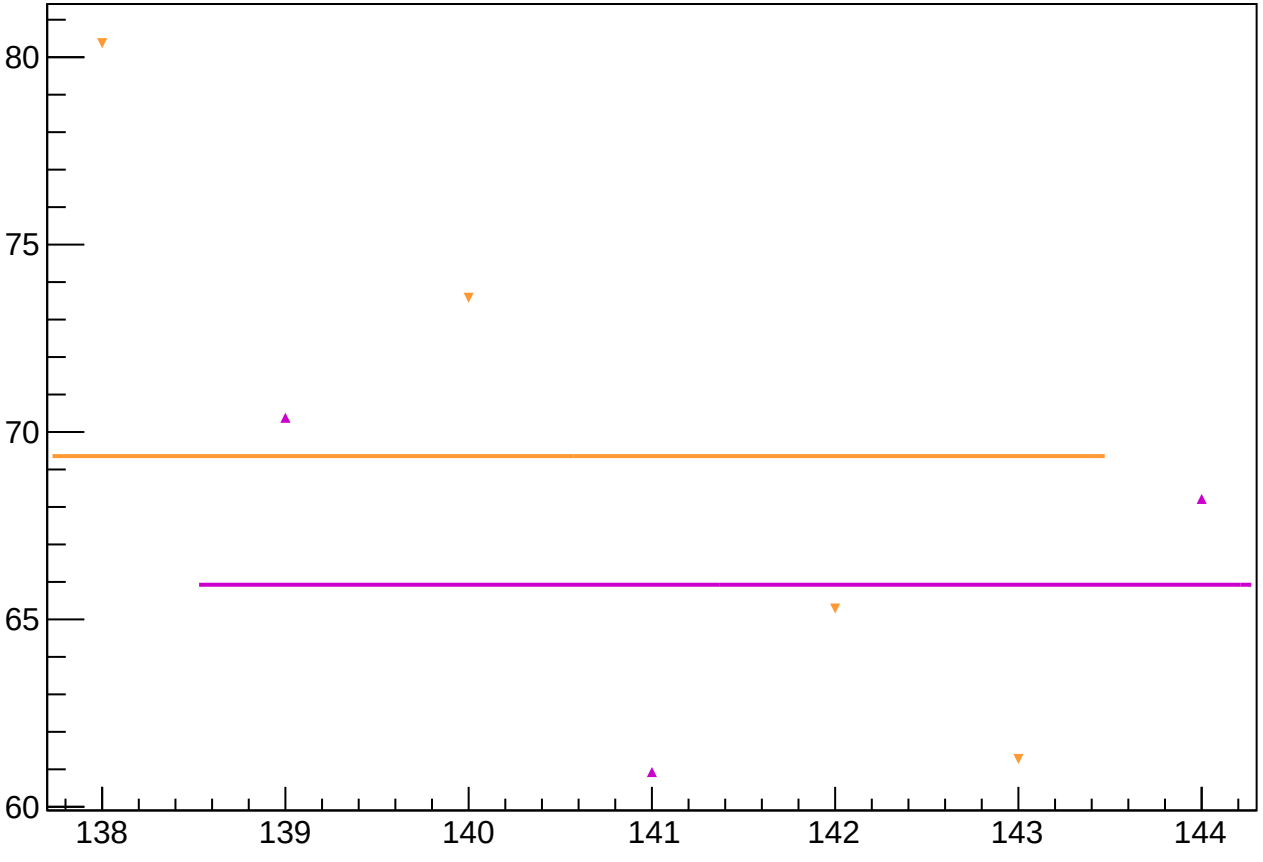
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.238+/-42.241 χ^2/NDF:0.1/2

Out: 84.451+/-43.559 χ^2/NDF:2.3/3

All: 34.621+/-30.324 χ^2/NDF: 4.9/6

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 69.356+/-0.031 χ^2/NDF:58208.6/3

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

Left In: 65.925+/-0.030 χ^2/NDF:19346.8/2

Left: 67.588+/-0.021 χ^2/NDF: 83952.5/6

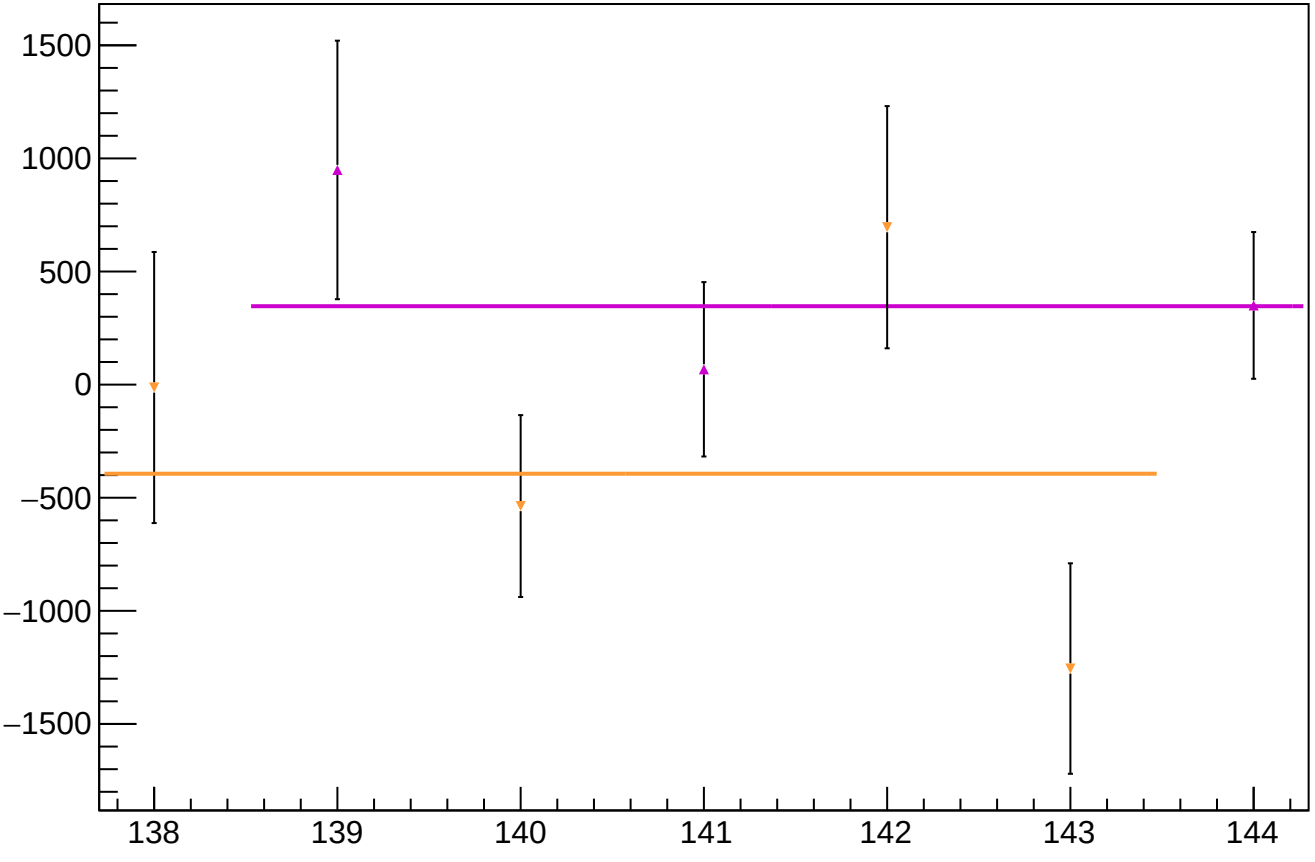
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.925+/-0.030 χ^2/NDF:19346.8/2

Out: 69.356+/-0.031 χ^2/NDF:58208.6/3

All: 67.588+/-0.021 χ^2/NDF: 83952.5/6

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -393.876+/-241.966 χ^2/NDF:8.1/3

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

Left In: 346.651+/-227.632 χ^2/NDF:1.6/2

Left: -1.030+/-165.796 χ^2/NDF: 14.7/6

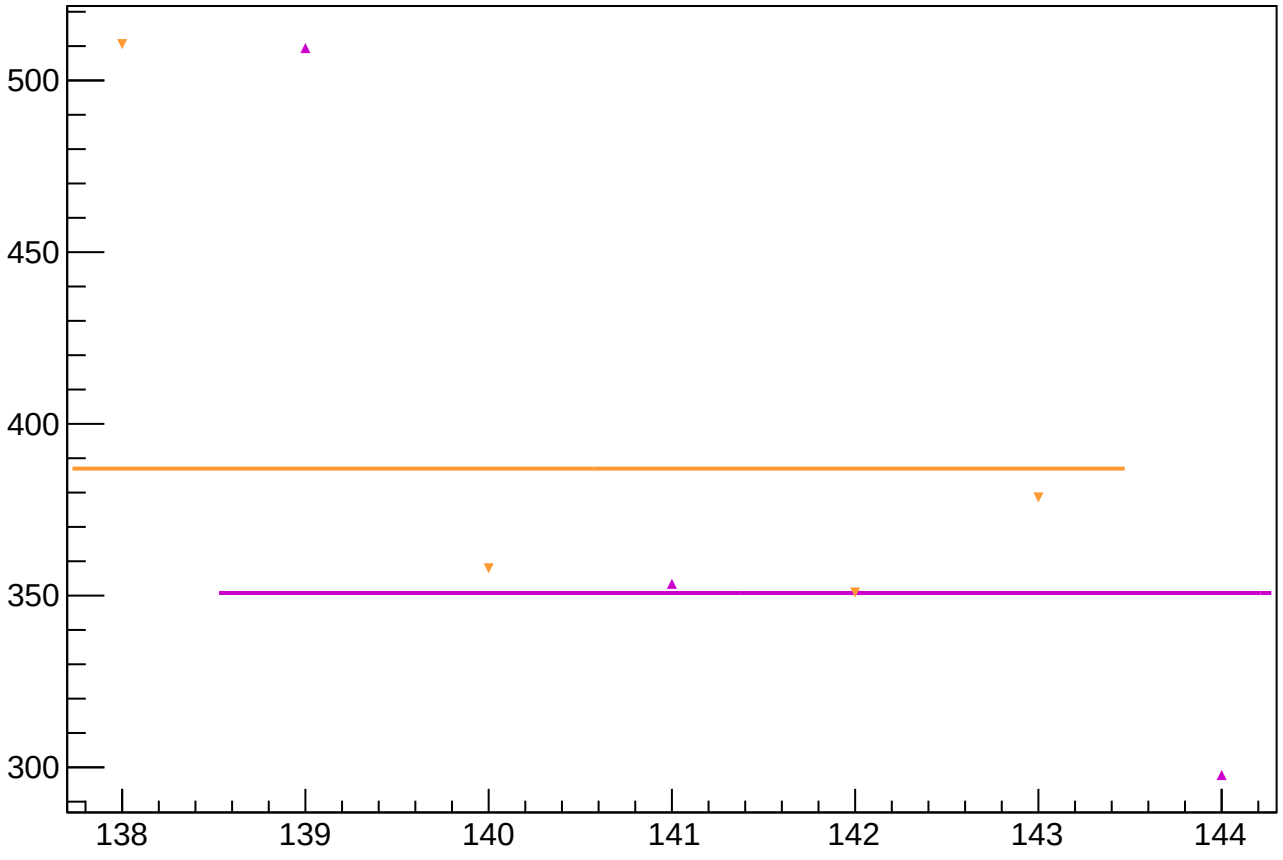
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 346.651+/-227.632 χ^2/NDF:1.6/2

Out: -393.876+/-241.966 χ^2/NDF:8.1/3

All: -1.030+/-165.796 χ^2/NDF: 14.7/6

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 386.976+/-0.171 χ^2/NDF:105256.9/3

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

Left In: 350.759+/-0.161 χ^2/NDF:207672.9/2

Left: 367.763+/-0.117 χ^2/NDF: 336700.3/6

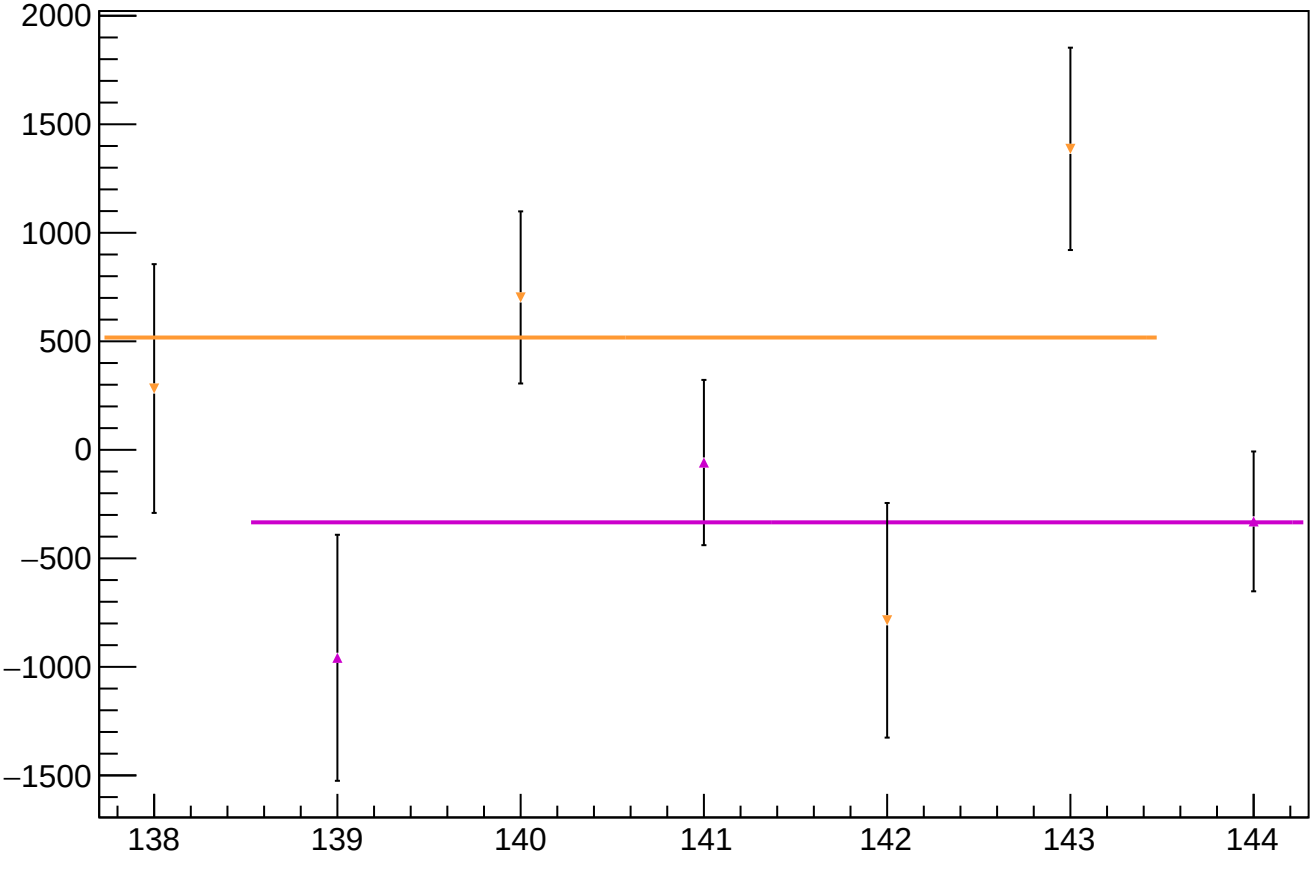
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 350.759+/-0.161 χ^2/NDF:207672.9/2

Out: 386.976+/-0.171 χ^2/NDF:105256.9/3

All: 367.763+/-0.117 χ^2/NDF: 336700.3/6

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 517.502+/-239.537 χ^2/NDF:9.7/3

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

Left In: -334.054+/-225.609 χ^2/NDF:1.7/2

Left: 66.248+/-164.233 χ^2/NDF: 18.1/6

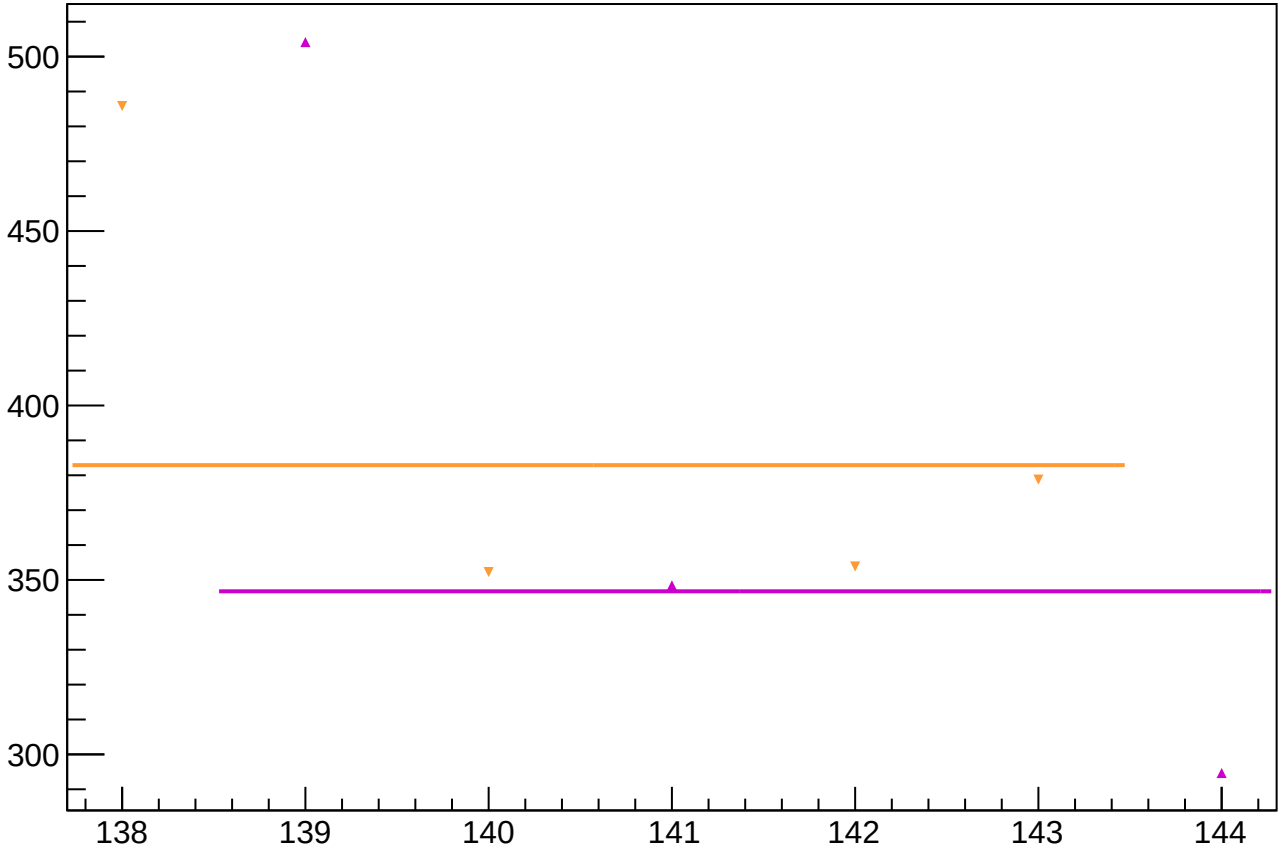
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -334.054+/-225.609 χ^2/NDF:1.7/2

Out: 517.502+/-239.537 χ^2/NDF:9.7/3

All: 66.248+/-164.233 χ^2/NDF: 18.1/6

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 382.901+/-0.169 χ^2/NDF:82384.9/3

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

Left In: 346.746+/-0.160 χ^2/NDF:206588.4/2

Left: 363.742+/-0.116 χ^2/NDF: 313118.8/6

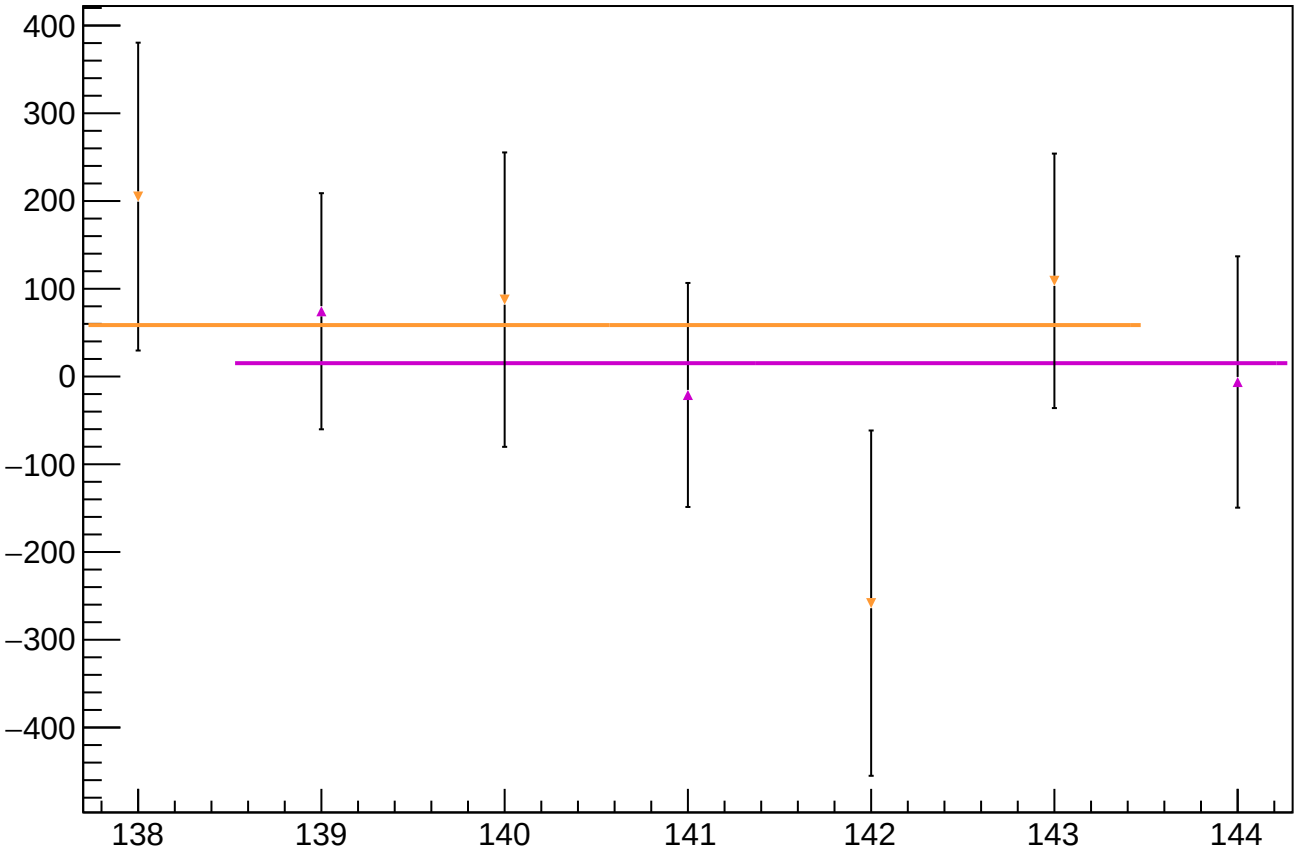
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 346.746+/-0.160 χ^2/NDF:206588.4/2

Out: 382.901+/-0.169 χ^2/NDF:82384.9/3

All: 363.742+/-0.116 χ^2/NDF: 313118.8/6

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 58.625+/-84.092 χ^2/NDF:3.4/3

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

Left In: 15.206+/-77.765 χ^2/NDF:0.3/2

Left: 35.221+/-57.094 χ^2/NDF: 3.9/6

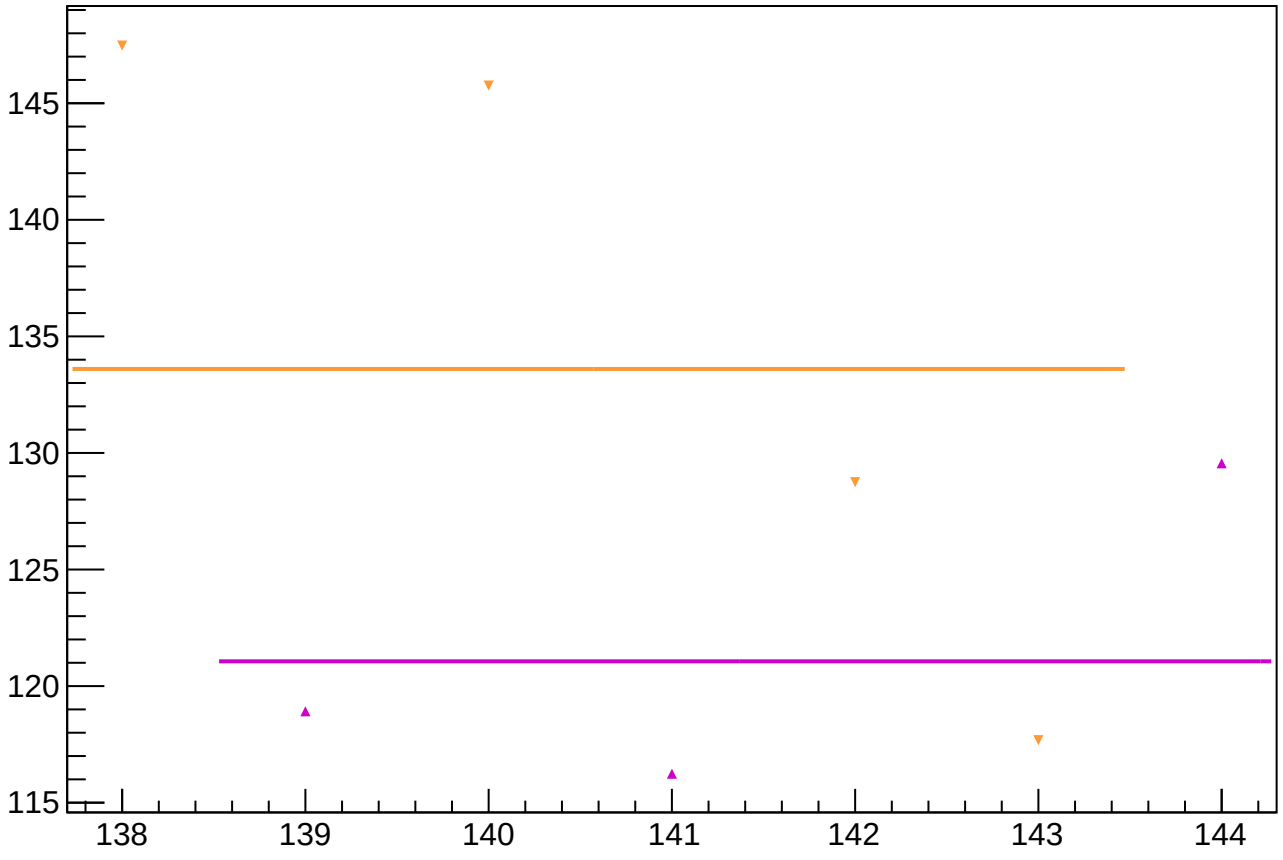
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 15.206+/-77.765 χ^2/NDF:0.3/2

Out: 58.625+/-84.092 χ^2/NDF:3.4/3

All: 35.221+/-57.094 χ^2/NDF: 3.9/6

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 133.603+/-0.059 χ^2/NDF:48337.7/3

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

Left In: 121.063+/-0.055 χ^2/NDF:10394.9/2

Left: 126.843+/-0.040 χ^2/NDF: 82707.3/6

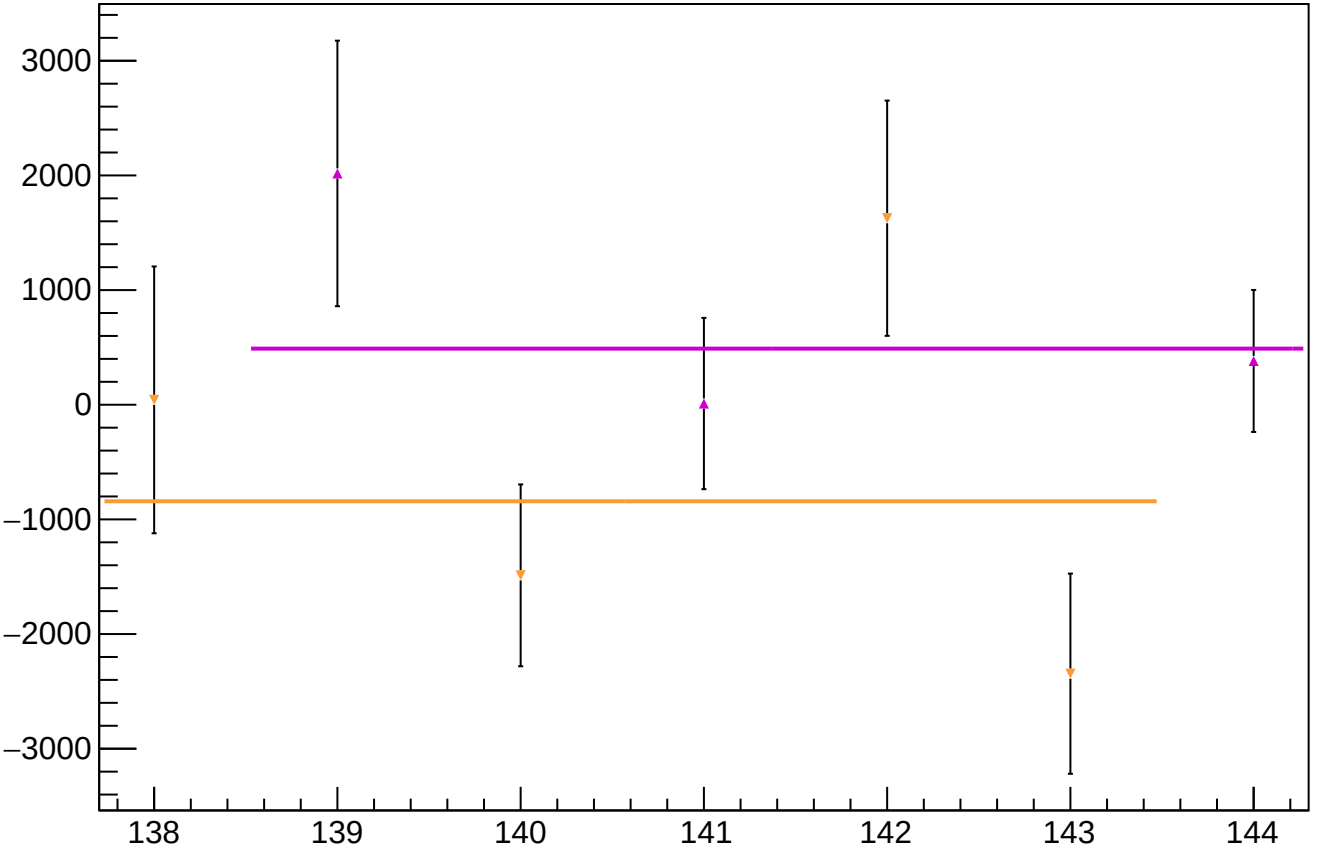
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 121.063+/-0.055 χ^2/NDF:10394.9/2

Out: 133.603+/-0.059 χ^2/NDF:48337.7/3

All: 126.843+/-0.040 χ^2/NDF: 82707.3/6

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -842.161+/-466.722 χ^2/NDF:10.0/3

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

Left In: 489.476+/-440.850 χ^2/NDF:2.2/2

Left: -138.413+/-320.484 χ^2/NDF: 16.5/6

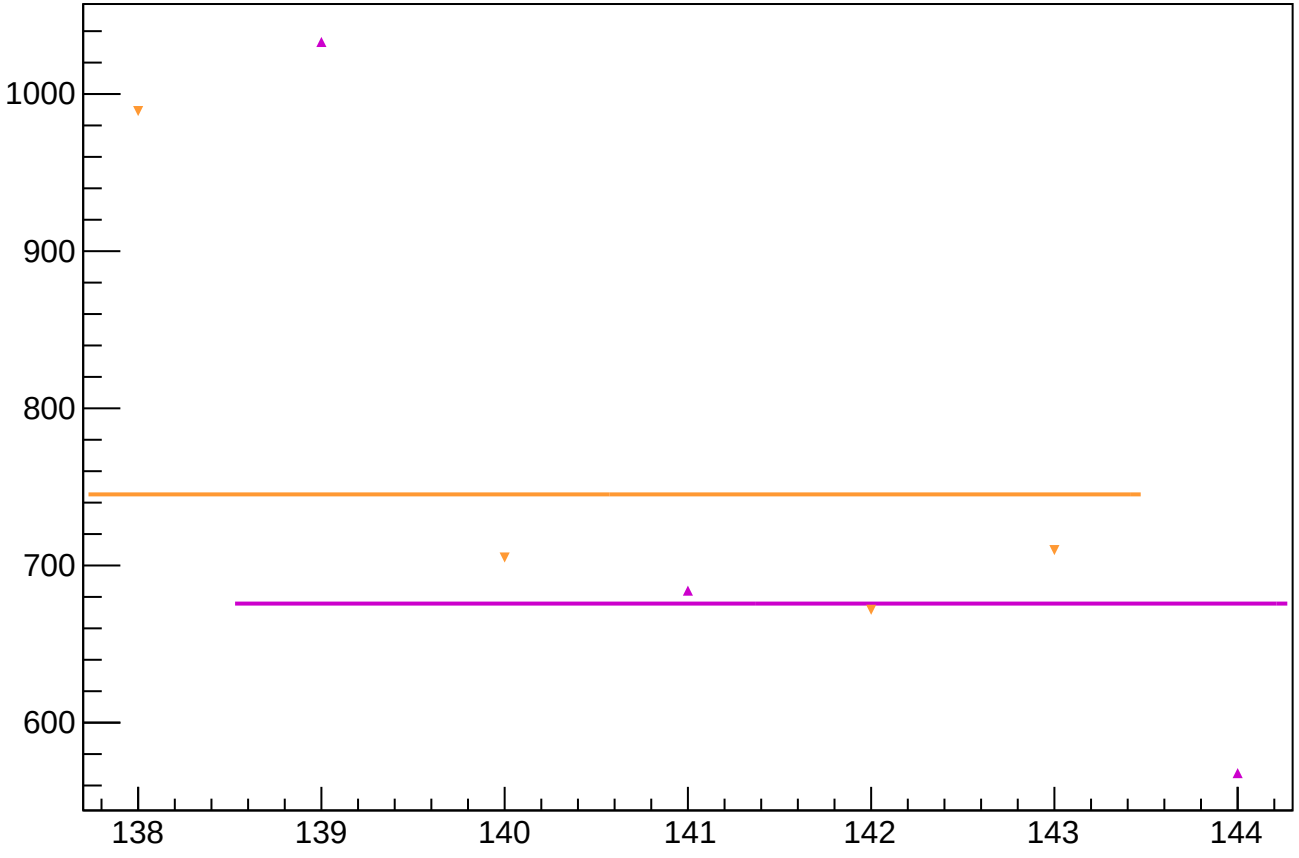
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 489.476+/-440.850 χ^2/NDF:2.2/2

Out: -842.161+/-466.722 χ^2/NDF:10.0/3

All: -138.413+/-320.484 χ^2/NDF: 16.5/6

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 745.241+/-0.330 χ^2/NDF:106561.3/3

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

Left In: 675.757+/-0.312 χ^2/NDF:251391.5/2

Left: 708.520+/-0.227 χ^2/NDF: 381379.3/6

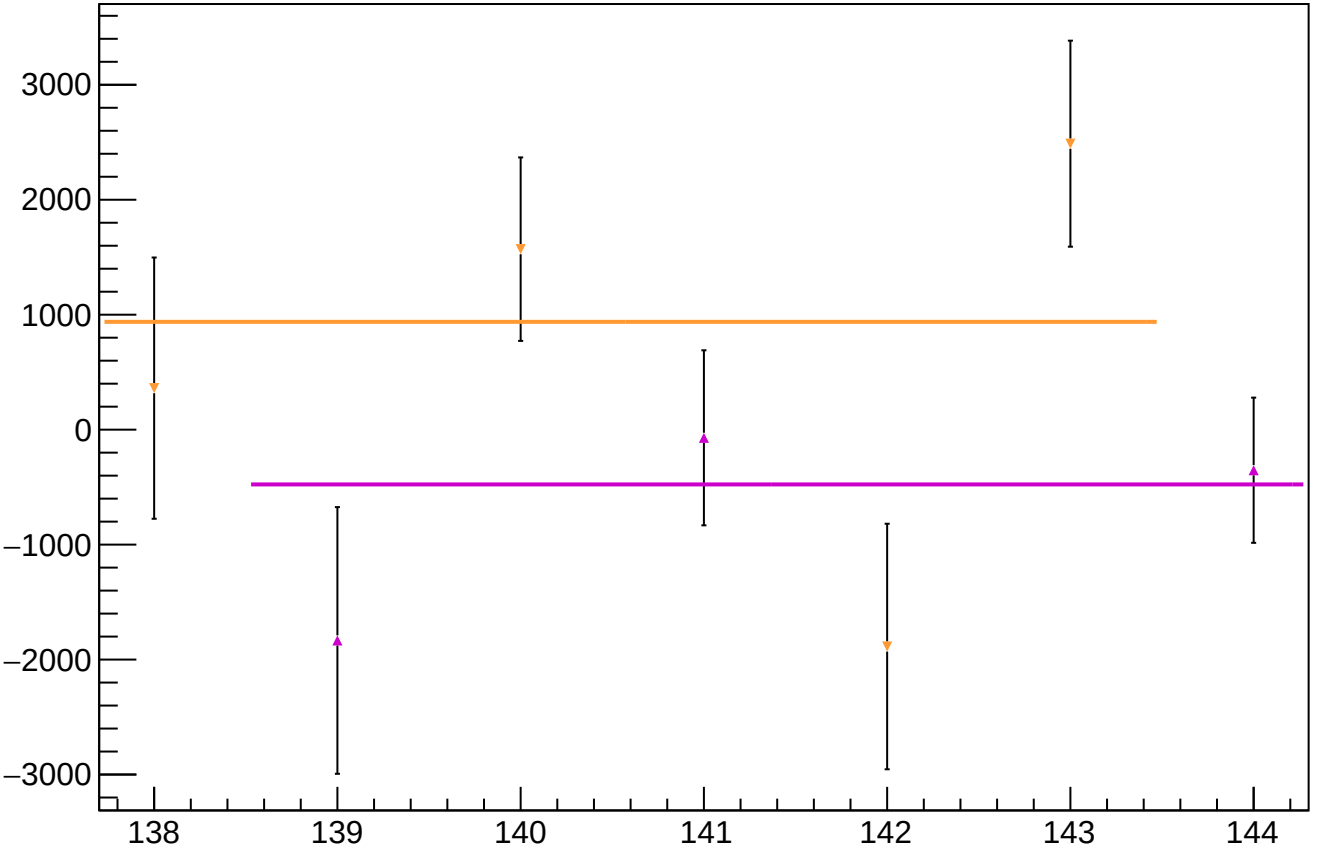
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 675.757+/-0.312 χ^2/NDF:251391.5/2

Out: 745.241+/-0.330 χ^2/NDF:106561.3/3

All: 708.520+/-0.227 χ^2/NDF: 381379.3/6

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 937.921+/-473.163 χ^2/NDF:10.9/3

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

Left In: -476.331+/-448.321 χ^2/NDF:1.7/2

Left: 192.696+/-325.439 χ^2/NDF: 17.3/6

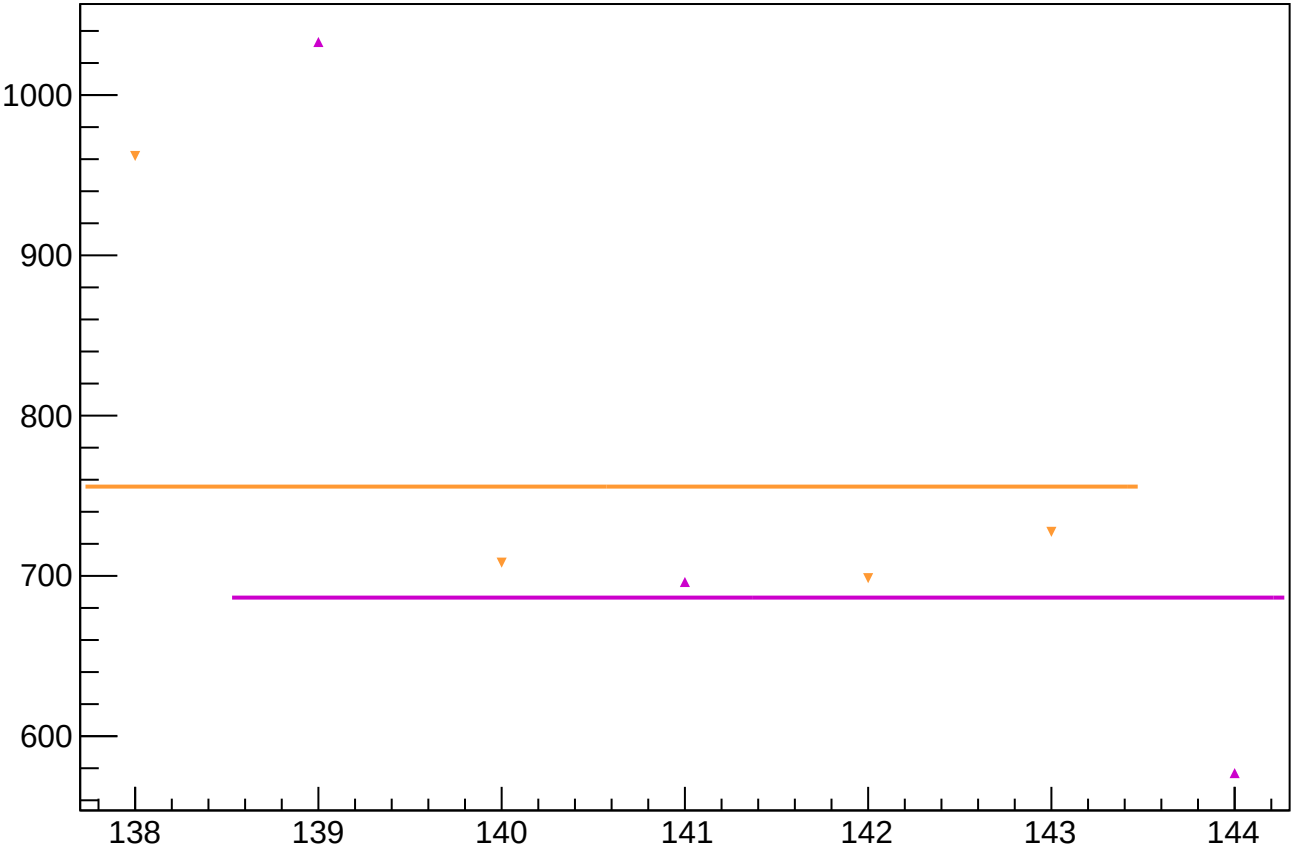
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -476.331+/-448.321 χ^2/NDF:1.7/2

Out: 937.921+/-473.163 χ^2/NDF:10.9/3

All: 192.696+/-325.439 χ^2/NDF: 17.3/6

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 755.714+/-0.335 χ^2/NDF:80686.5/3

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

Left In: 686.457+/-0.317 χ^2/NDF:239061.1/2

Left: 719.220+/-0.230 χ^2/NDF: 342325.7/6

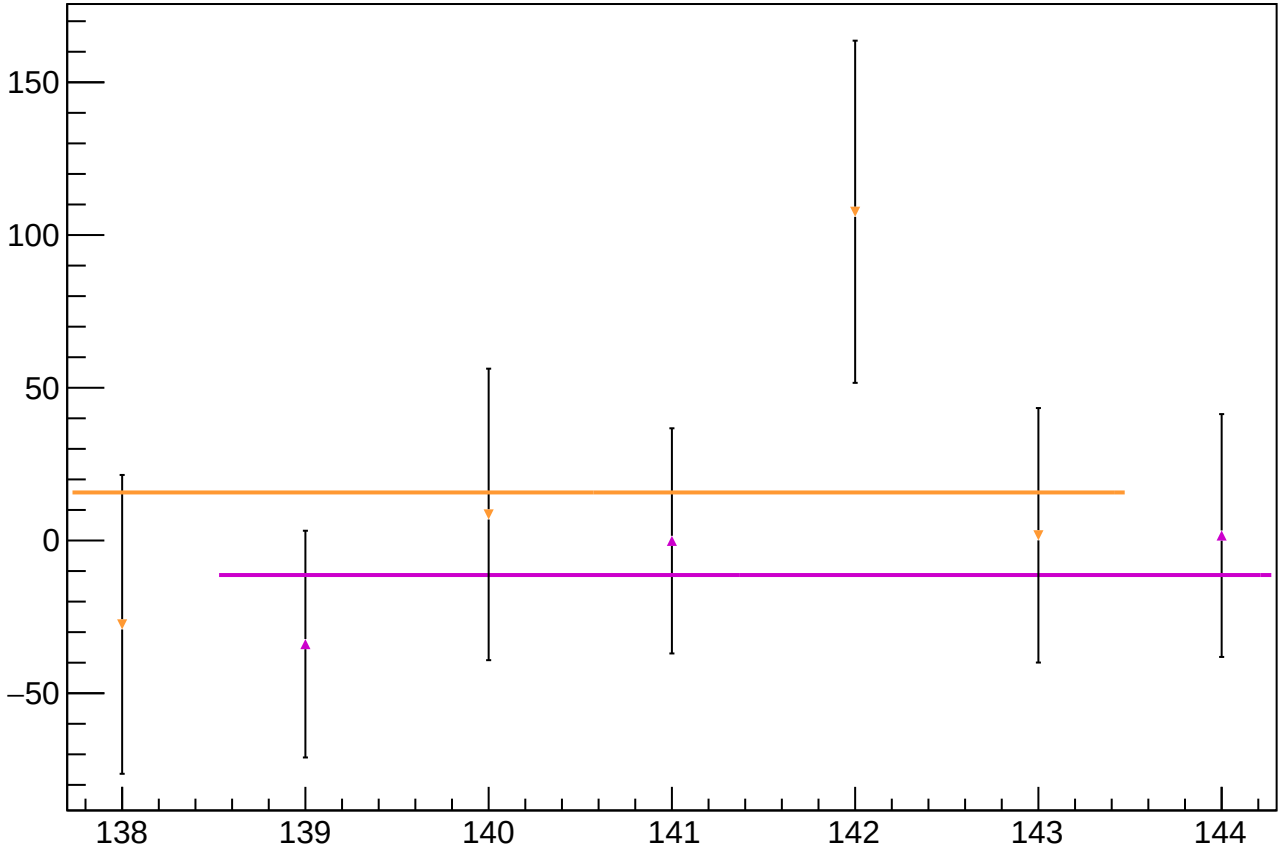
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 686.457+/-0.317 χ^2/NDF:239061.1/2

Out: 755.714+/-0.335 χ^2/NDF:80686.5/3

All: 719.220+/-0.230 χ^2/NDF: 342325.7/6

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: 15.731+/-23.890 χ^2/NDF:3.6/3

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

Left In: -11.302+/-21.847 χ^2/NDF:0.6/2

Left: 1.010+/-16.122 χ^2/NDF: 4.9/6

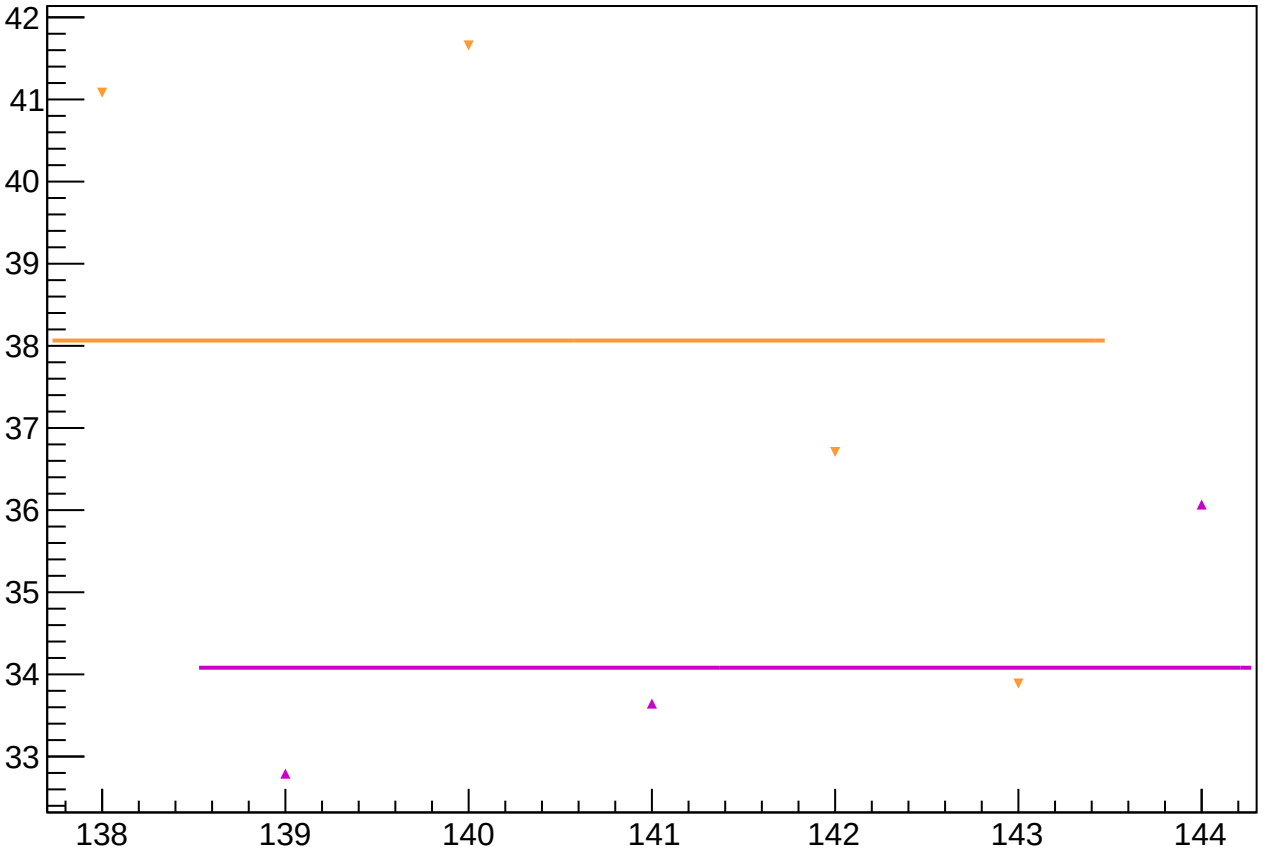
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.302+/-21.847 χ^2/NDF:0.6/2

Out: 15.731+/-23.890 χ^2/NDF:3.6/3

All: 1.010+/-16.122 χ^2/NDF: 4.9/6

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: 38.065+/-0.017 χ^2/NDF:40225.5/3

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

Left In: 34.081+/-0.015 χ^2/NDF:7693.2/2

Left: 35.895+/-0.011 χ^2/NDF: 78203.1/6

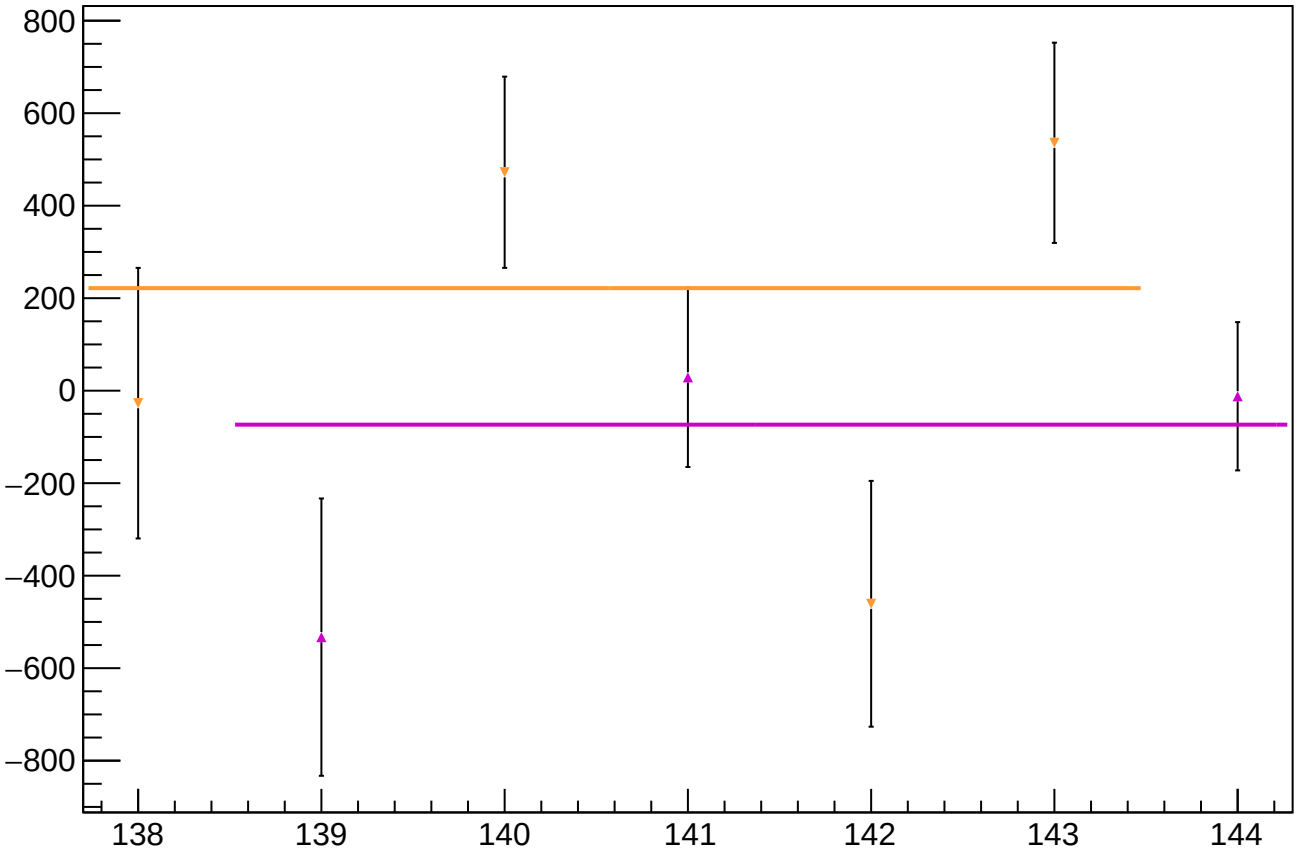
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 34.081+/-0.015 χ^2/NDF:7693.2/2

Out: 38.065+/-0.017 χ^2/NDF:40225.5/3

All: 35.895+/-0.011 χ^2/NDF: 78203.1/6

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: 221.669+/-119.035 χ^2/NDF:10.9/3

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

Left In: -73.474+/-114.229 χ^2/NDF:2.8/2

Left: 68.020+/-82.419 χ^2/NDF: 16.9/6

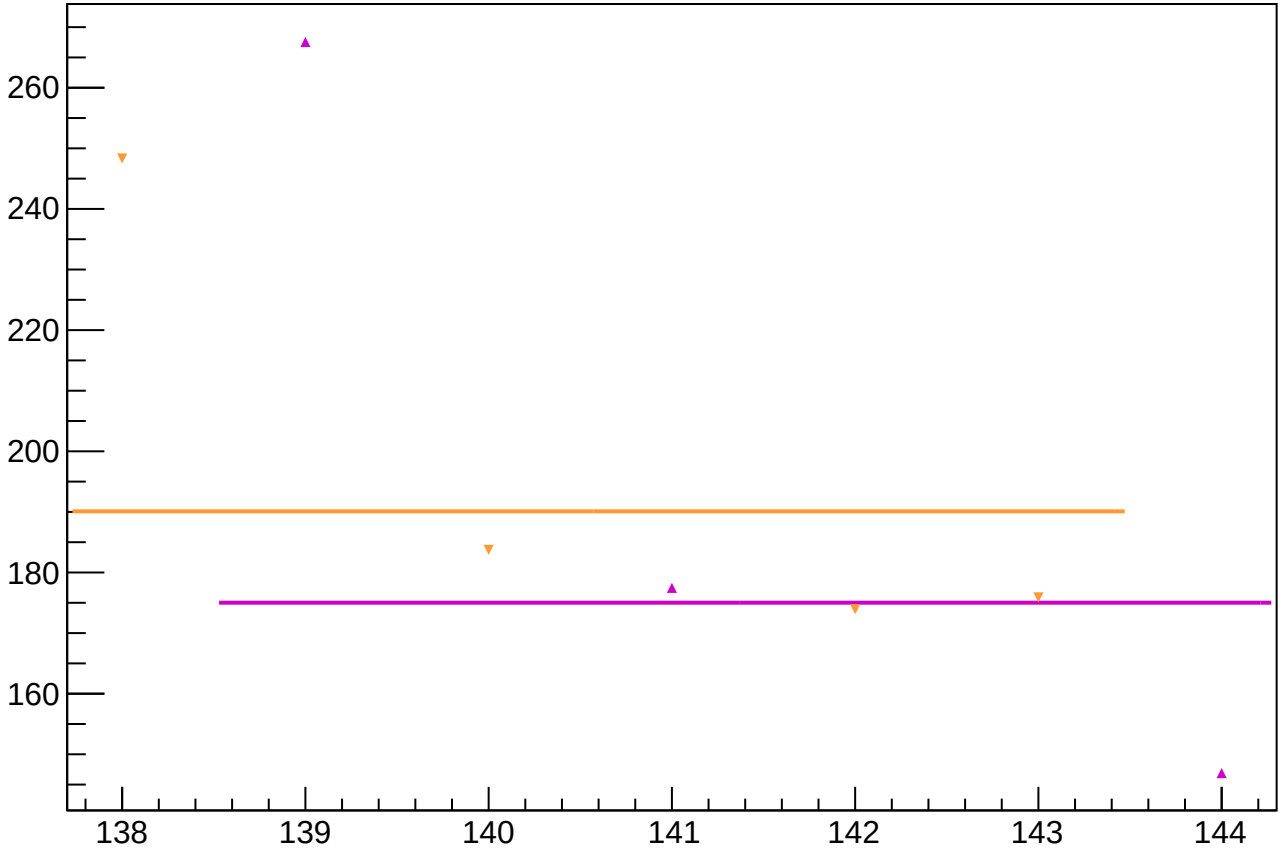
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -73.474+/-114.229 χ^2/NDF:2.8/2

Out: 221.669+/-119.035 χ^2/NDF:10.9/3

All: 68.020+/-82.419 χ^2/NDF: 16.9/6

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: 190.092+/-0.084 χ^2/NDF:97149.7/3

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

Left In: 175.018+/-0.081 χ^2/NDF:252417.3/2

Left: 182.245+/-0.058 χ^2/NDF: 366263.9/6

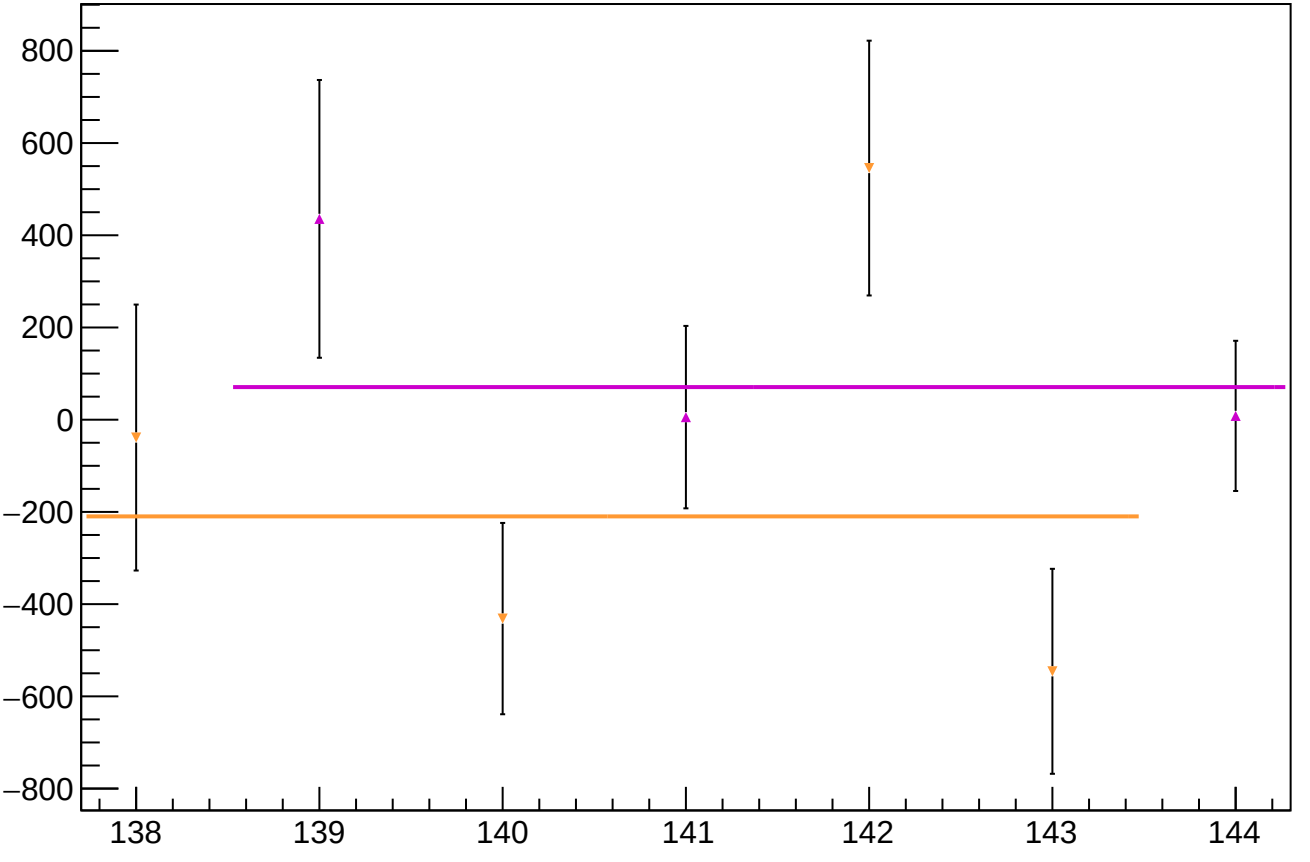
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 175.018+/-0.081 χ^2/NDF:252417.3/2

Out: 190.092+/-0.084 χ^2/NDF:97149.7/3

All: 182.245+/-0.058 χ^2/NDF: 366263.9/6

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -209.703+/-120.741 χ^2/NDF:11.3/3

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

Left In: 70.749+/-116.034 χ^2/NDF:1.7/2

Left: -63.904+/-83.663 χ^2/NDF: 15.8/6

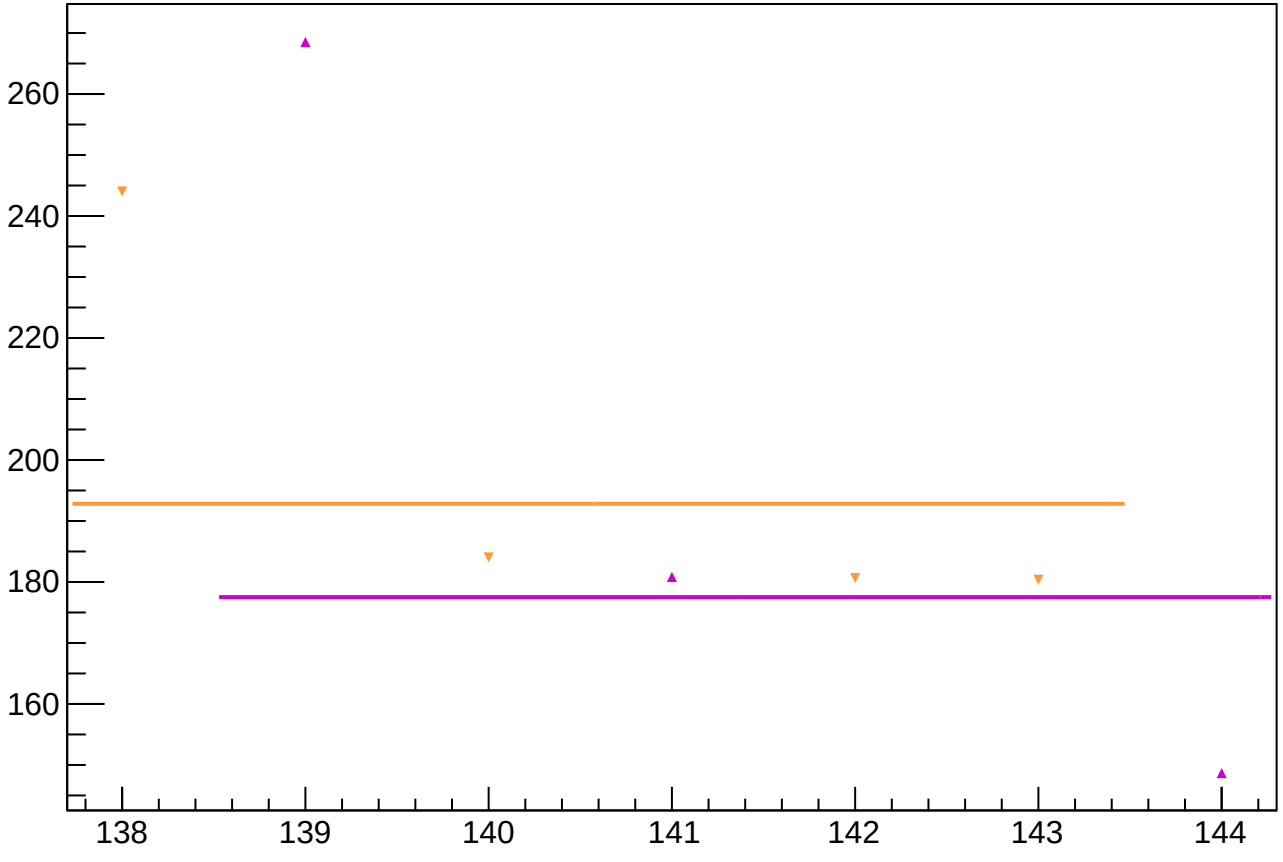
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 70.749+/-116.034 χ^2/NDF:1.7/2

Out: -209.703+/-120.741 χ^2/NDF:11.3/3

All: -63.904+/-83.663 χ^2/NDF: 15.8/6

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 192.818+/-0.085 χ^2/NDF:76801.0/3

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

Left In: 177.516+/-0.082 χ^2/NDF:245901.5/2

Left: 184.863+/-0.059 χ^2/NDF: 339401.3/6

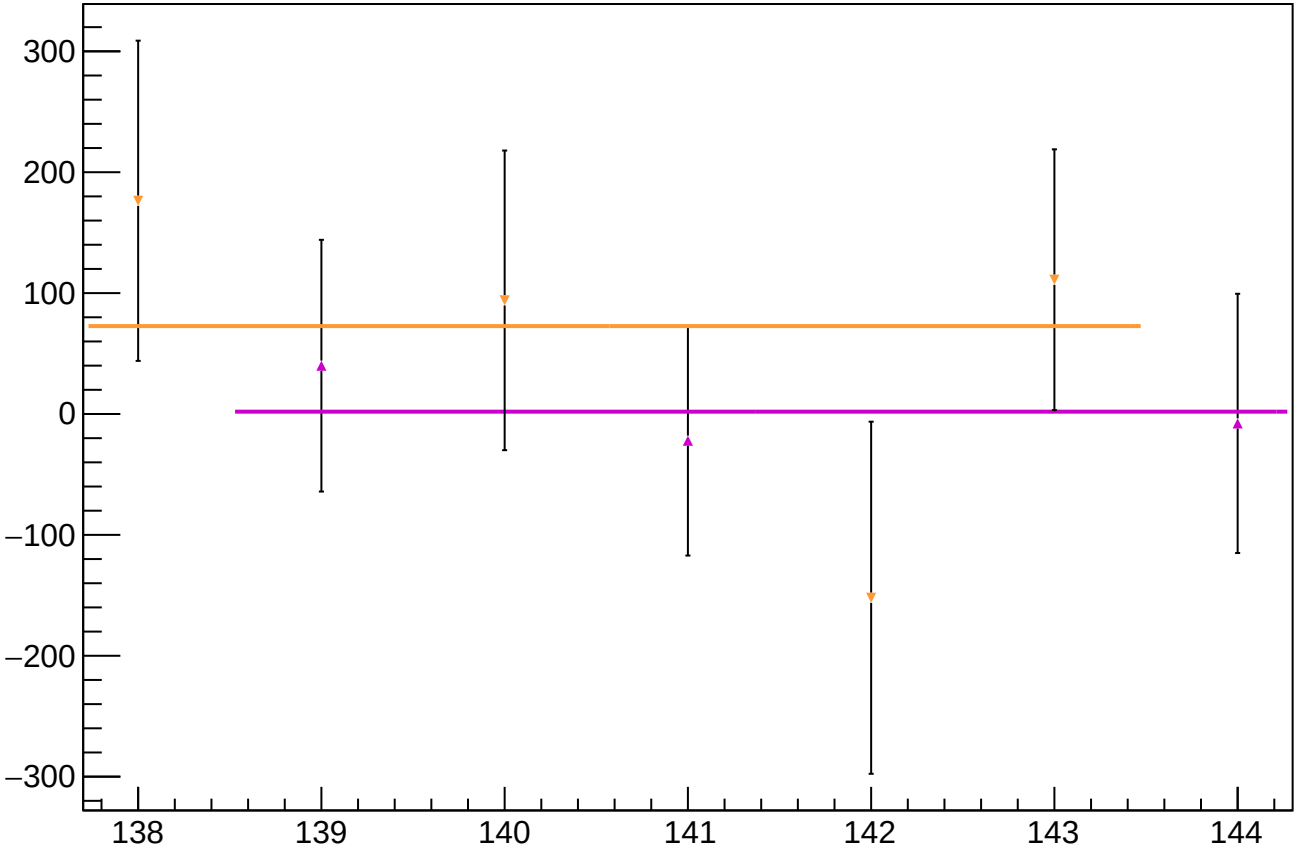
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 177.516+/-0.082 χ^2/NDF:245901.5/2

Out: 192.818+/-0.085 χ^2/NDF:76801.0/3

All: 184.863+/-0.059 χ^2/NDF: 339401.3/6

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 72.701+/-62.595 χ^2/NDF:3.1/3

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

Left In: 1.925+/-58.719 χ^2/NDF:0.2/2

Left: 35.054+/-42.825 χ^2/NDF: 4.0/6

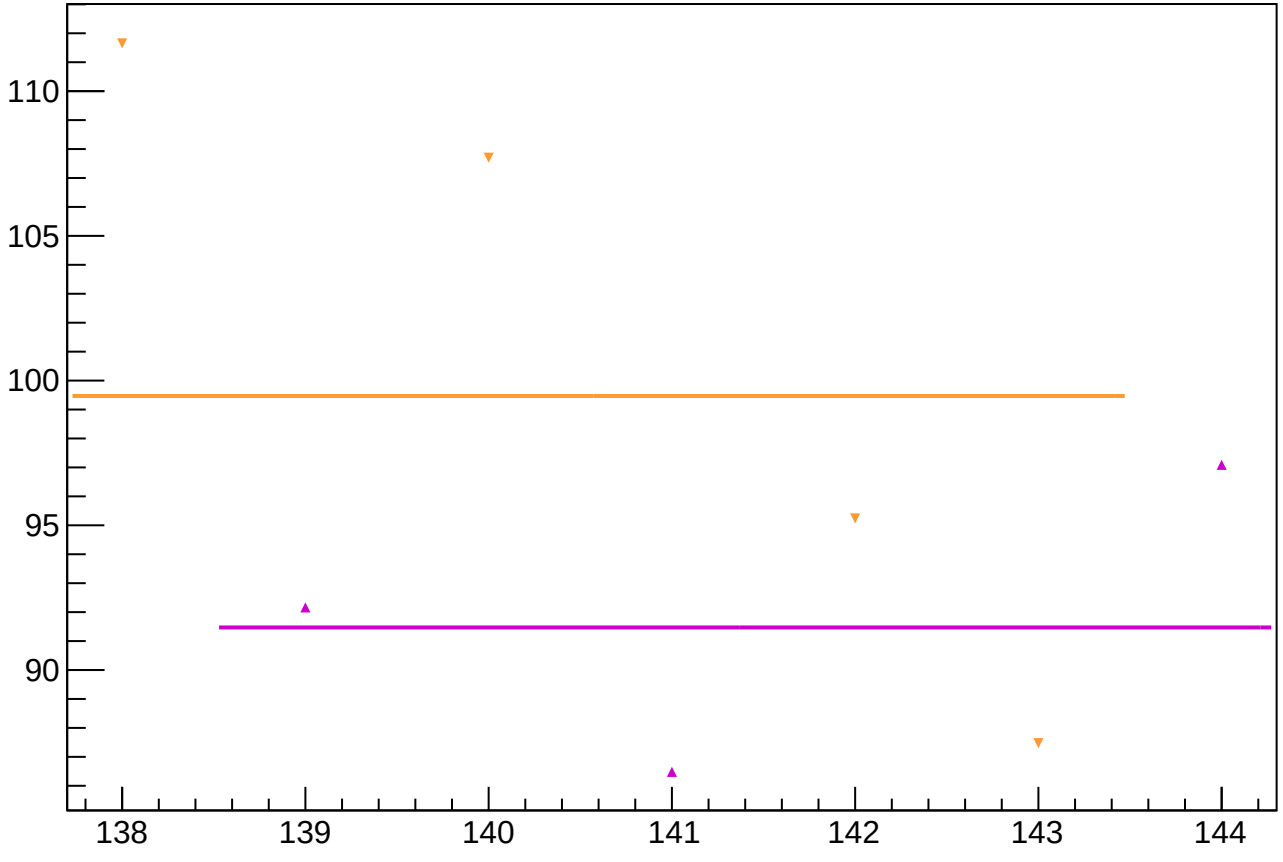
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.925+/-58.719 χ^2/NDF:0.2/2

Out: 72.701+/-62.595 χ^2/NDF:3.1/3

All: 35.054+/-42.825 χ^2/NDF: 4.0/6

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 99.469+/-0.044 χ^2/NDF:52169.1/3

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

Left In: 91.470+/-0.042 χ^2/NDF:11096.6/2

Left: 95.214+/-0.030 χ^2/NDF: 80635.3/6

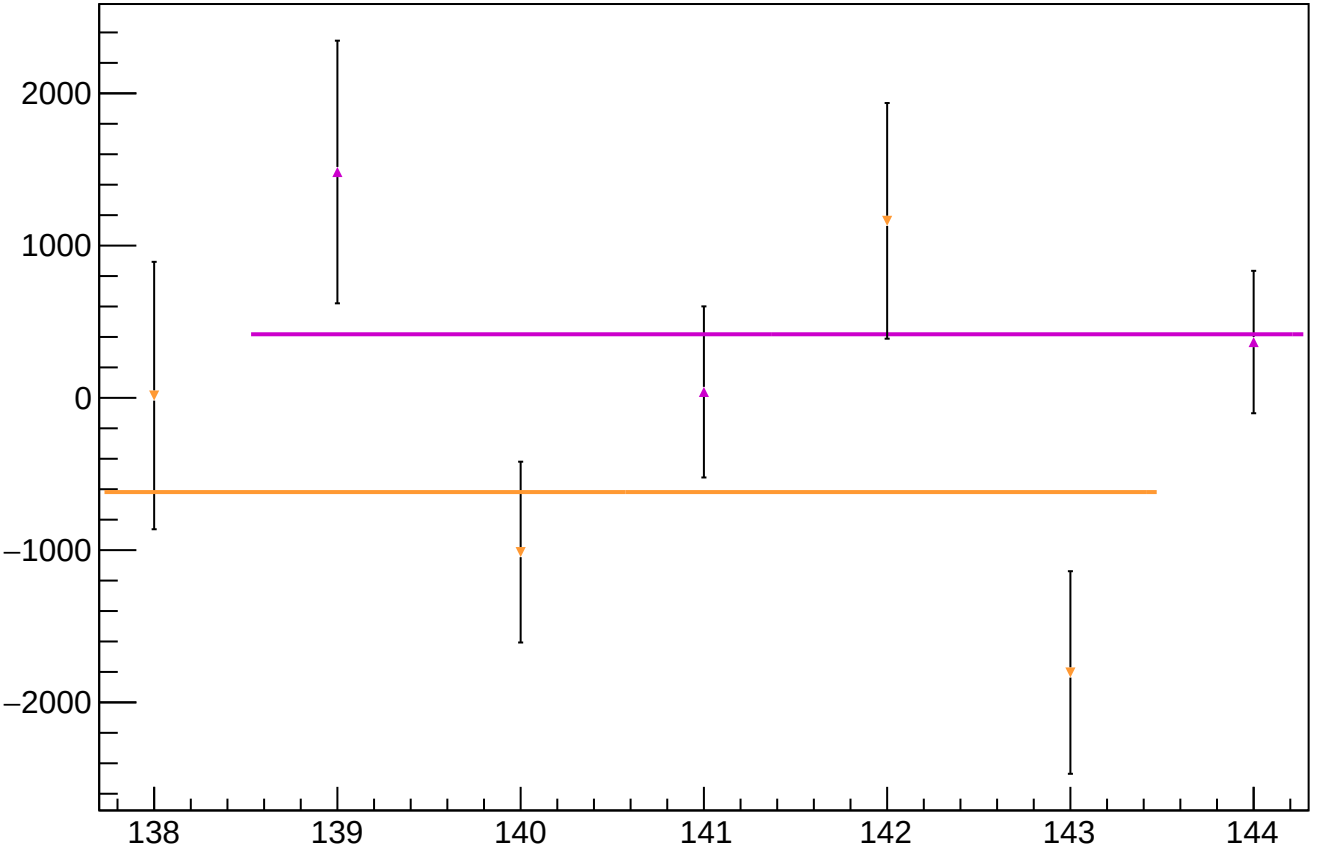
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.470+/-0.042 χ^2/NDF:11096.6/2

Out: 99.469+/-0.044 χ^2/NDF:52169.1/3

All: 95.214+/-0.030 χ^2/NDF: 80635.3/6

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -618.697+/-352.186 χ^2/NDF:9.4/3

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

Left In: 417.640+/-331.781 χ^2/NDF:2.0/2

Left: -69.639+/-241.496 χ^2/NDF: 16.0/6

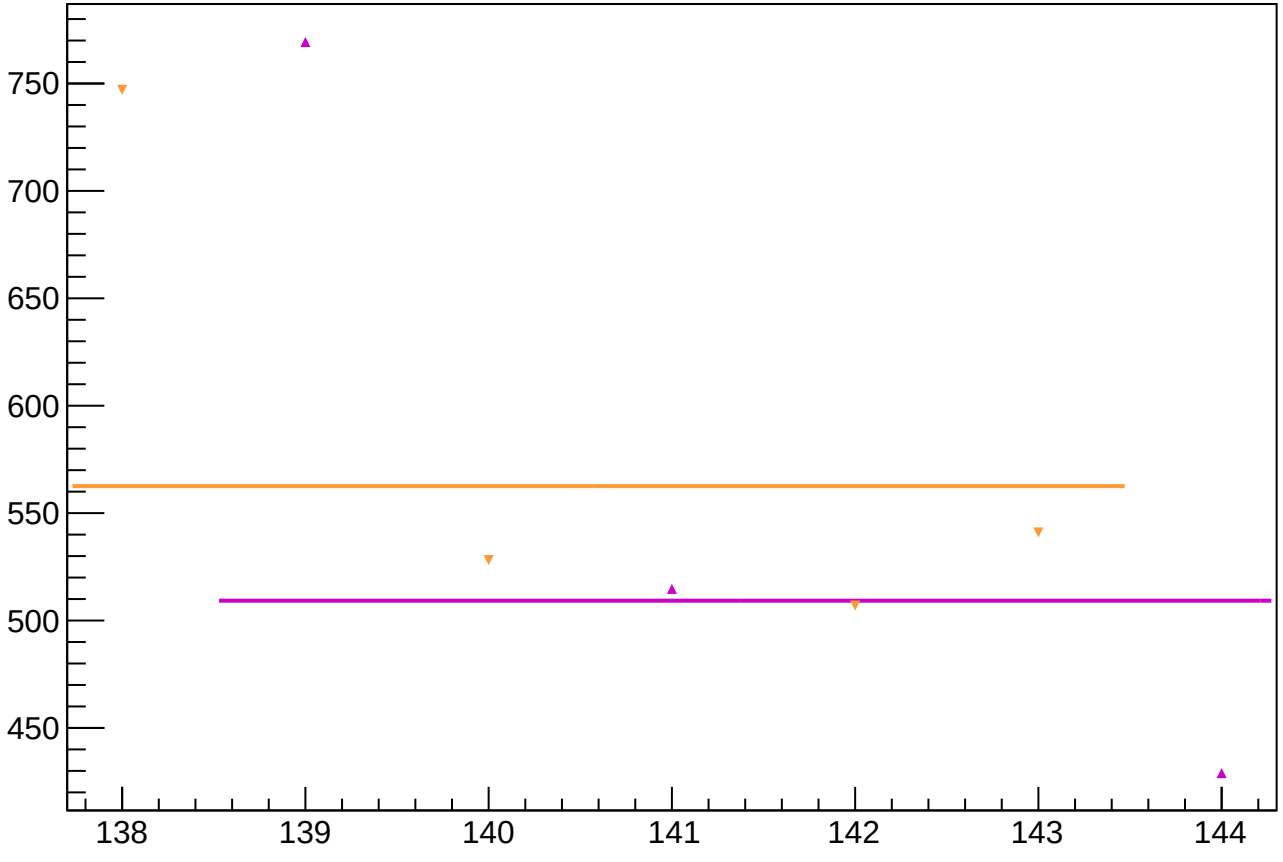
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 417.640+/-331.781 χ^2/NDF:2.0/2

Out: -618.697+/-352.186 χ^2/NDF:9.4/3

All: -69.639+/-241.496 χ^2/NDF: 16.0/6

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 562.566+/-0.249 χ^2/NDF:107400.9/3

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

Left In: 509.239+/-0.235 χ^2/NDF:240956.3/2

Left: 534.313+/-0.171 χ^2/NDF: 372651.0/6

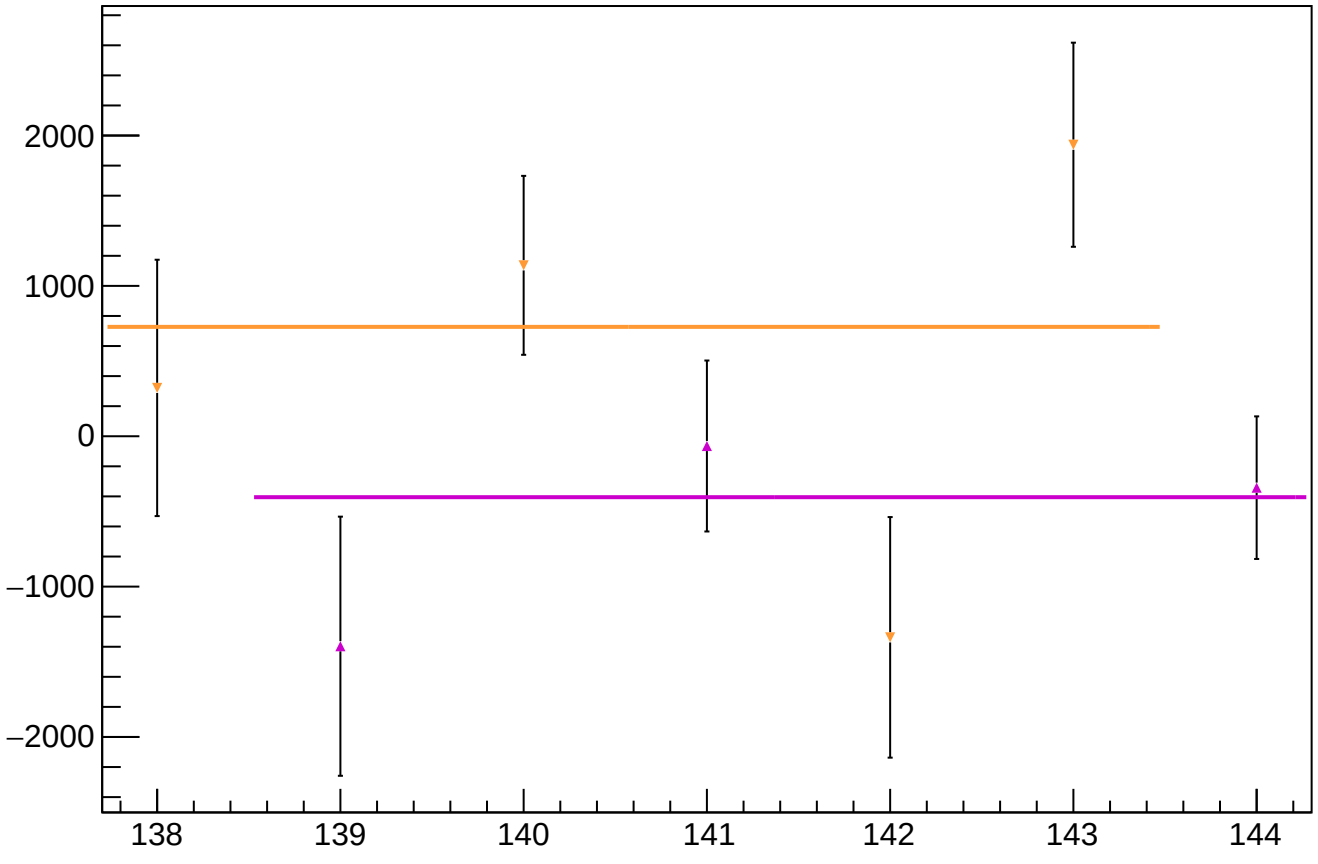
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 509.239+/-0.235 χ^2/NDF:240956.3/2

Out: 562.566+/-0.249 χ^2/NDF:107400.9/3

All: 534.313+/-0.171 χ^2/NDF: 372651.0/6

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 727.469+/-355.044 χ^2/NDF:10.5/3

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

Left In: -405.272+/-335.422 χ^2/NDF:1.7/2

Left: 128.934+/-243.821 χ^2/NDF: 17.6/6

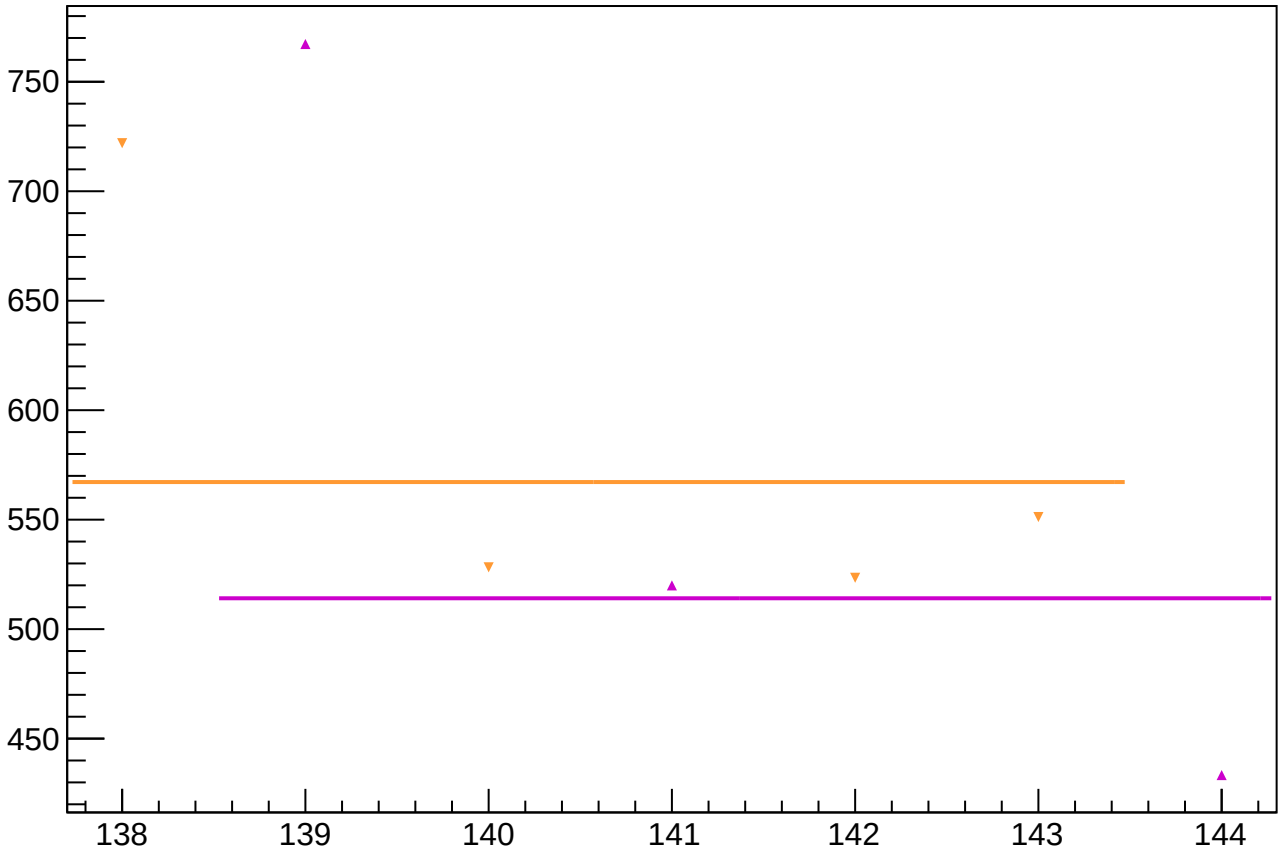
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -405.272+/-335.422 χ^2/NDF:1.7/2

Out: 727.469+/-355.044 χ^2/NDF:10.5/3

All: 128.934+/-243.821 χ^2/NDF: 17.6/6

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 567.178+/-0.251 χ^2/NDF:81576.5/3

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

Left In: 514.093+/-0.237 χ^2/NDF:230801.4/2

Left: 539.128+/-0.172 χ^2/NDF: 336002.7/6

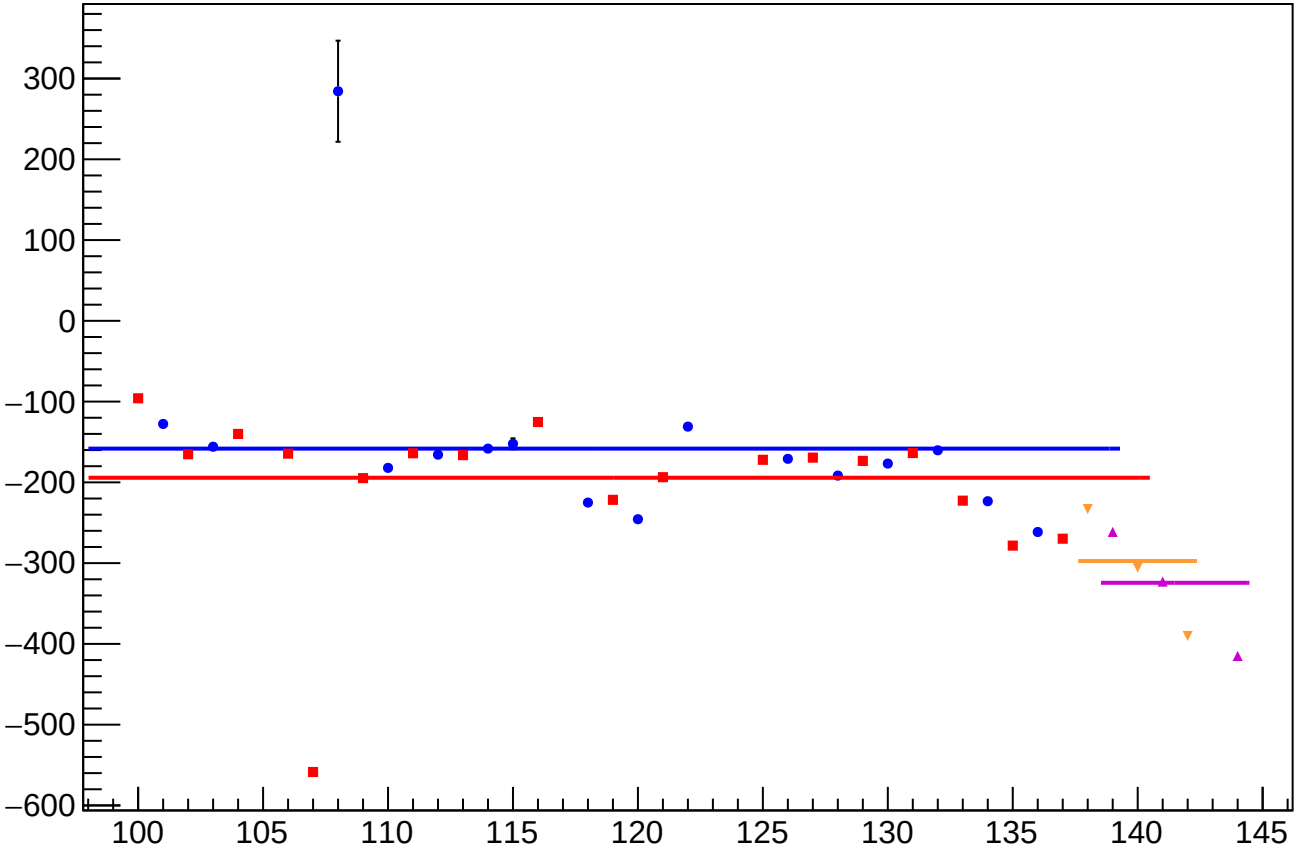
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 514.093+/-0.237 χ^2/NDF:230801.4/2

Out: 567.178+/-0.251 χ^2/NDF:81576.5/3

All: 539.128+/-0.172 χ^2/NDF: 336002.7/6

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -297.411+/-0.455 χ^2/NDF:12346.8/2

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -324.327+/-0.378 χ^2/NDF:11926.2/2

Left: -313.352+/-0.291 χ^2/NDF: 26344.2/5

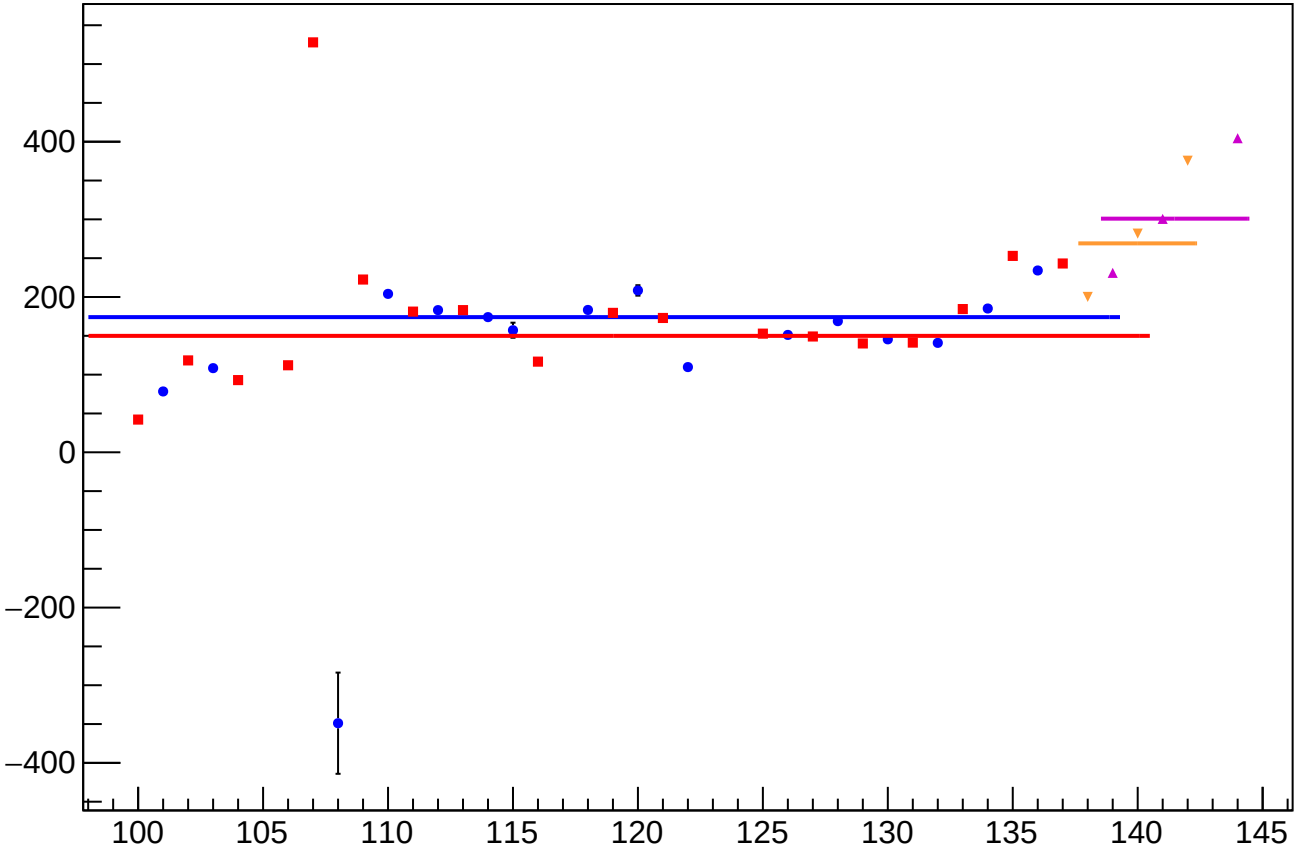
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:322551.5/18

Out: -206.267+/-0.155 χ^2/NDF:234285.9/20

All: -158.222+/-0.000 χ^2/NDF: 652619.5/39

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 269.061+/-0.486 χ^2/NDF:14015.6/2

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 300.903+/-0.402 χ^2/NDF:11923.0/2

Left: 287.960+/-0.310 χ^2/NDF: 28490.6/5

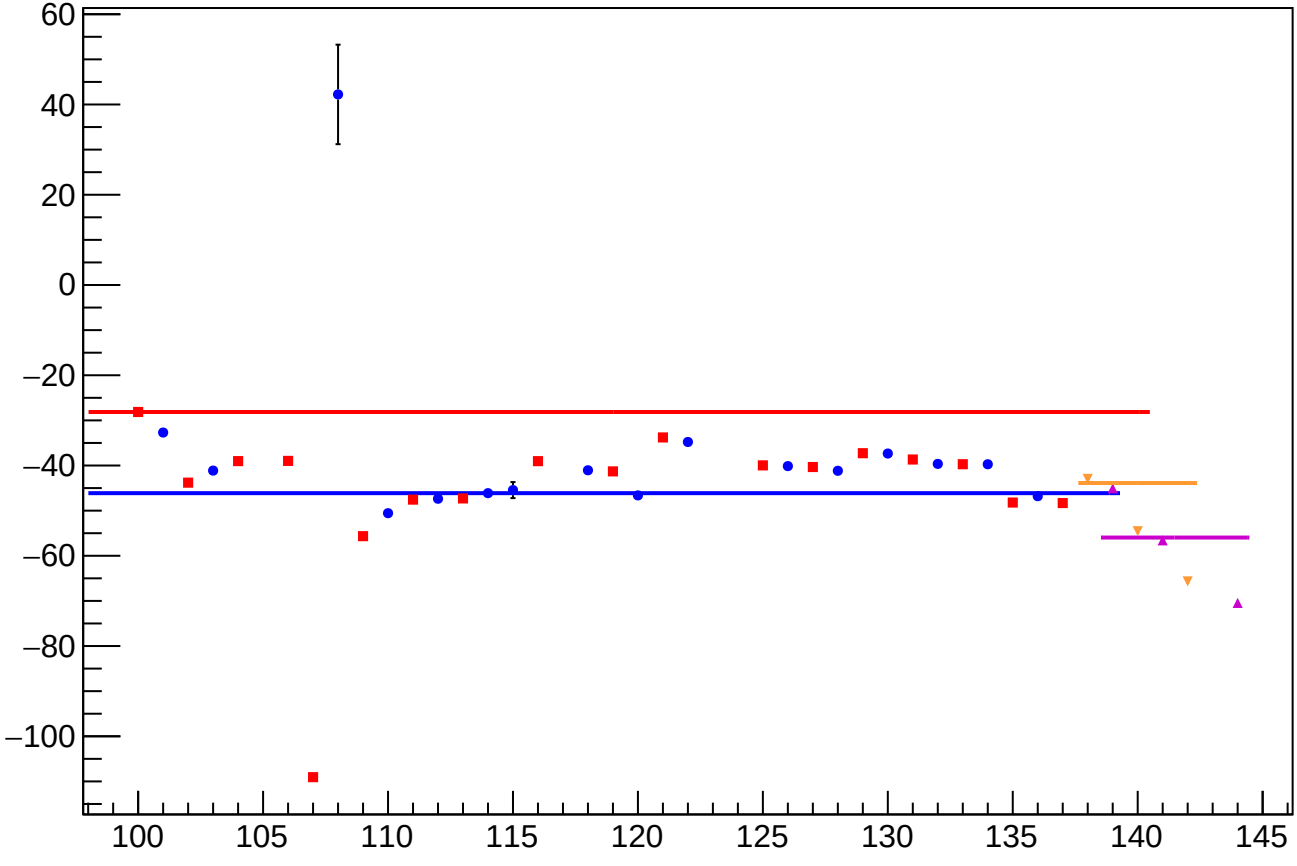
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:164891.1/18

Out: 166.567+/-0.181 χ^2/NDF:233633.0/20

All: 174.085+/-0.000 χ^2/NDF: 400242.0/39

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -43.878+/-0.018 χ^2/NDF:41586.3/2

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -55.961+/-0.043 χ^2/NDF:18447.5/2

Left: -45.681+/-0.017 χ^2/NDF: 126597.4/5

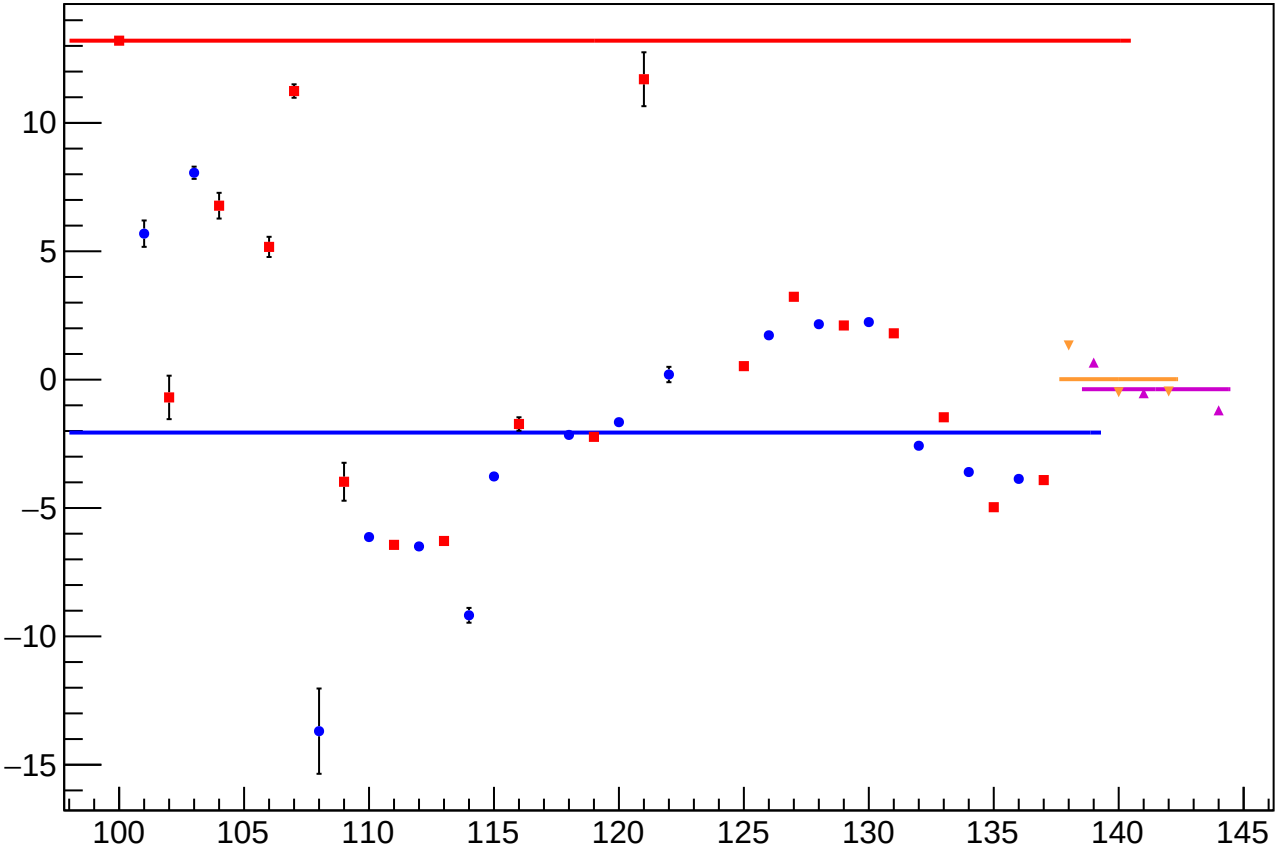
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:271552.8/18

Out: -28.139+/-0.000 χ^2/NDF:1545312.3/20

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: 0.018+/-0.026 χ^2/NDF:980.8/2

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -0.372+/-0.021 χ^2/NDF:833.0/2

Left: -0.214+/-0.017 χ^2/NDF: 1948.9/5

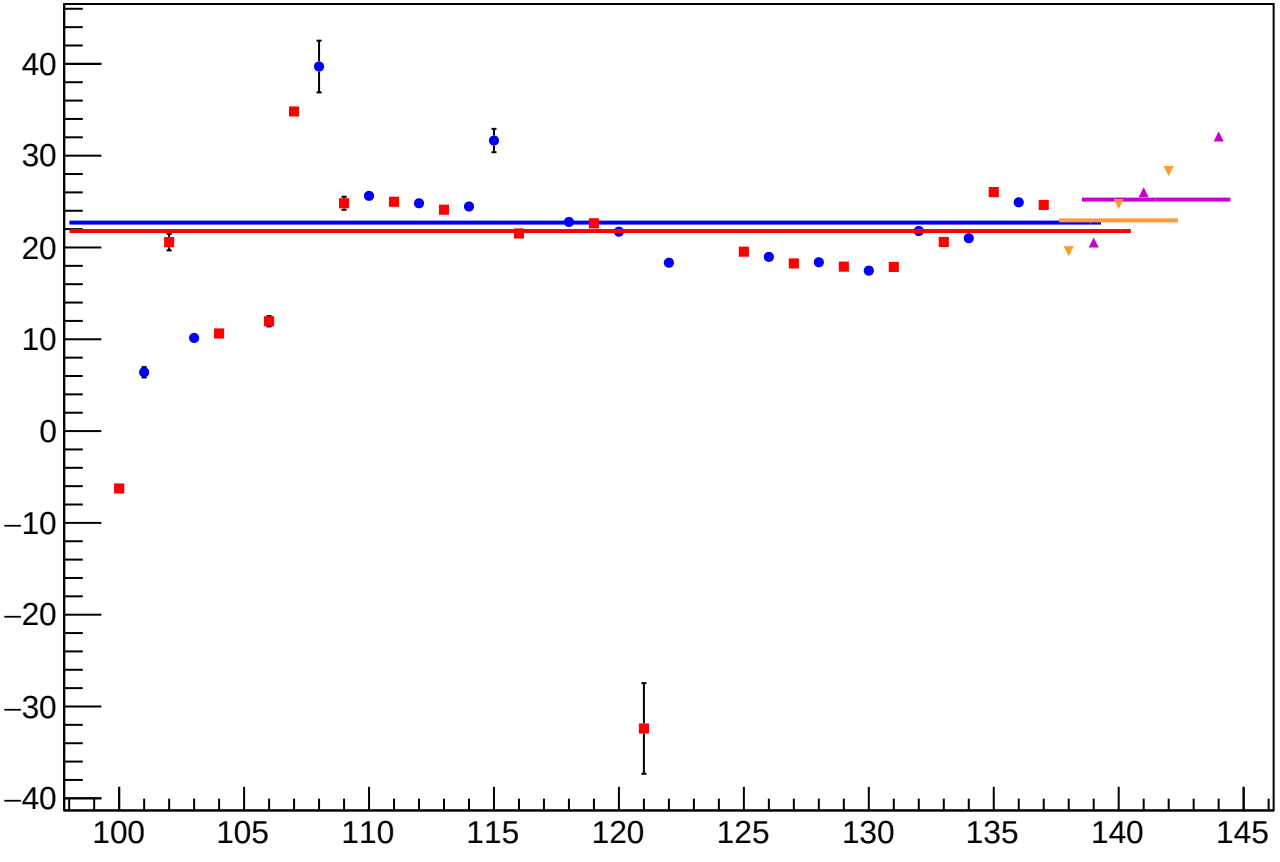
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -1.369+/-0.014 χ^2/NDF:30174.0/18

Out: 13.204+/-0.000 χ^2/NDF:768909.2/20

All: 13.204+/-0.000 χ^2/NDF: 1931300.2/39

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 22.951+/-0.046 χ^2/NDF:4290.1/2

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 25.214+/-0.039 χ^2/NDF:7647.6/2

Left: 24.264+/-0.030 χ^2/NDF: 13330.7/5

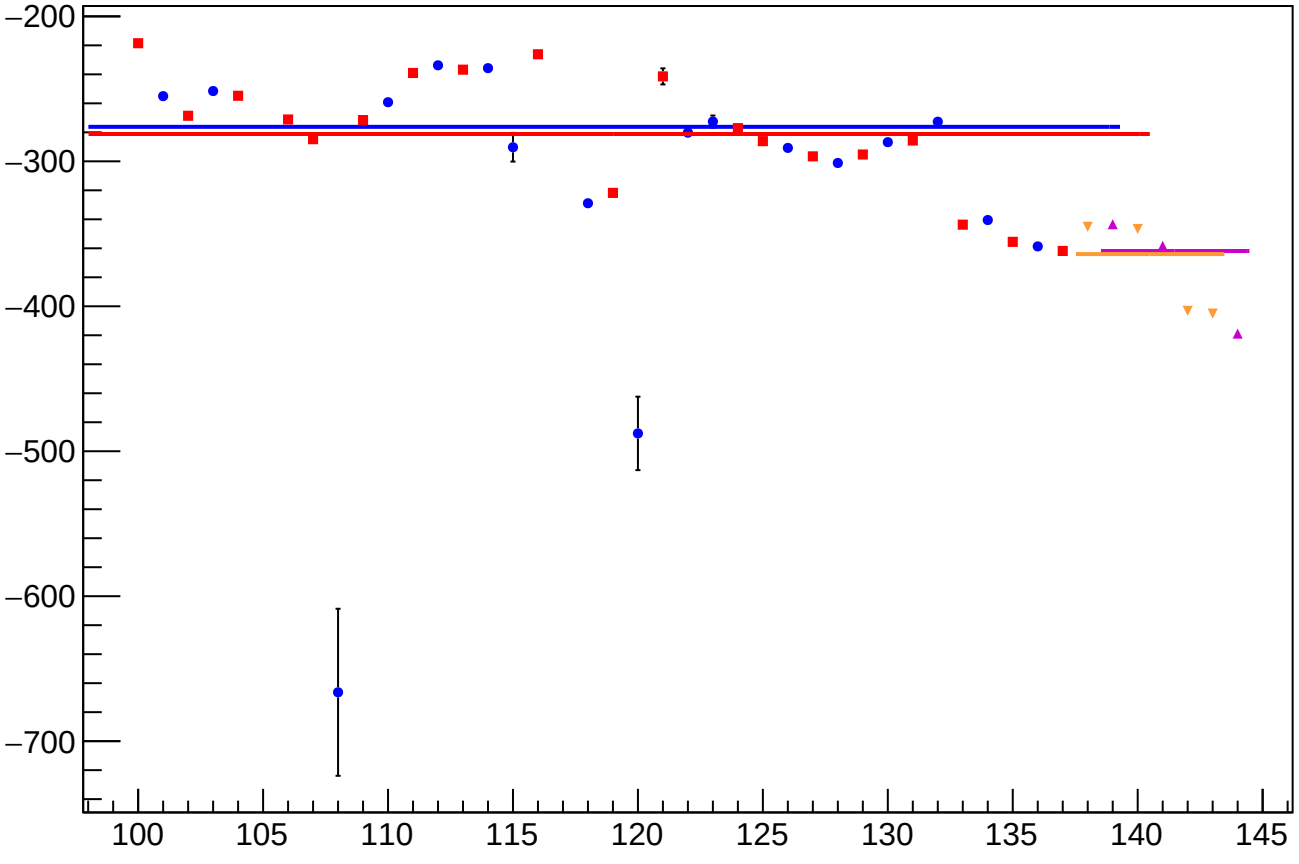
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 23.175+/-0.017 χ^2/NDF:33722.0/18

Out: 21.997+/-0.020 χ^2/NDF:31480.1/20

All: 22.669+/-0.013 χ^2/NDF: 67281.3/39

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -363.986+/-0.298 χ^2/NDF:8196.5/3

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -361.859+/-0.246 χ^2/NDF:11043.3/2

Left: -362.720+/-0.190 χ^2/NDF: 19270.1/6

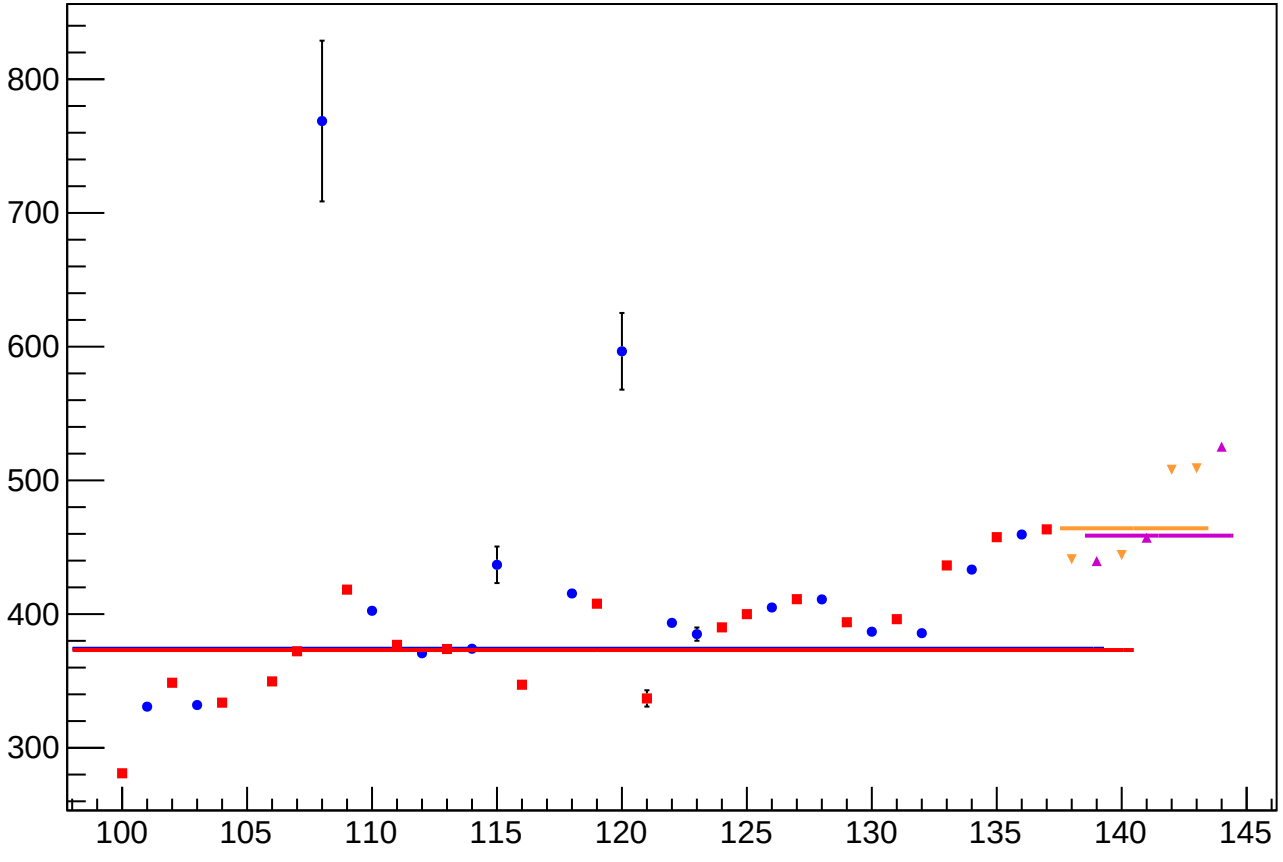
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -303.106+/-0.138 χ^2/NDF:152218.3/19

Out: -297.434+/-0.132 χ^2/NDF:147765.0/22

All: -300.151+/-0.095 χ^2/NDF: 300864.1/42

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 464.177+/-0.319 χ^2/NDF:9468.7/3

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 458.684+/-0.260 χ^2/NDF:11111.1/2

Left: 460.871+/-0.202 χ^2/NDF: 20757.9/6

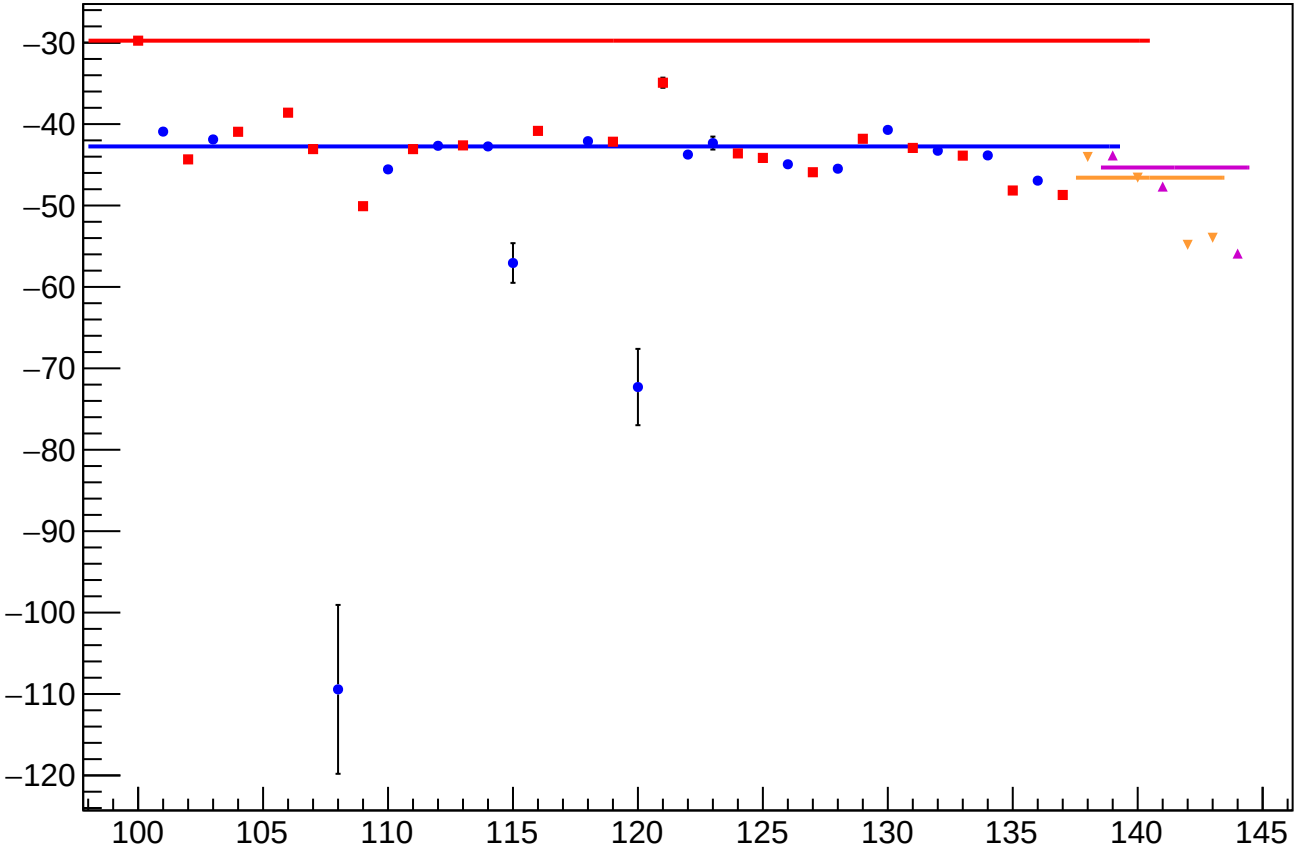
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:152160.6/19

Out: 391.023+/-0.142 χ^2/NDF:182972.2/22

All: 374.094+/-0.000 χ^2/NDF: 349430.6/42

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -46.582+/-0.020 χ^2/NDF:40324.4/3

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -45.333+/-0.022 χ^2/NDF:17358.6/2

Left: -45.996+/-0.015 χ^2/NDF: 59455.4/6

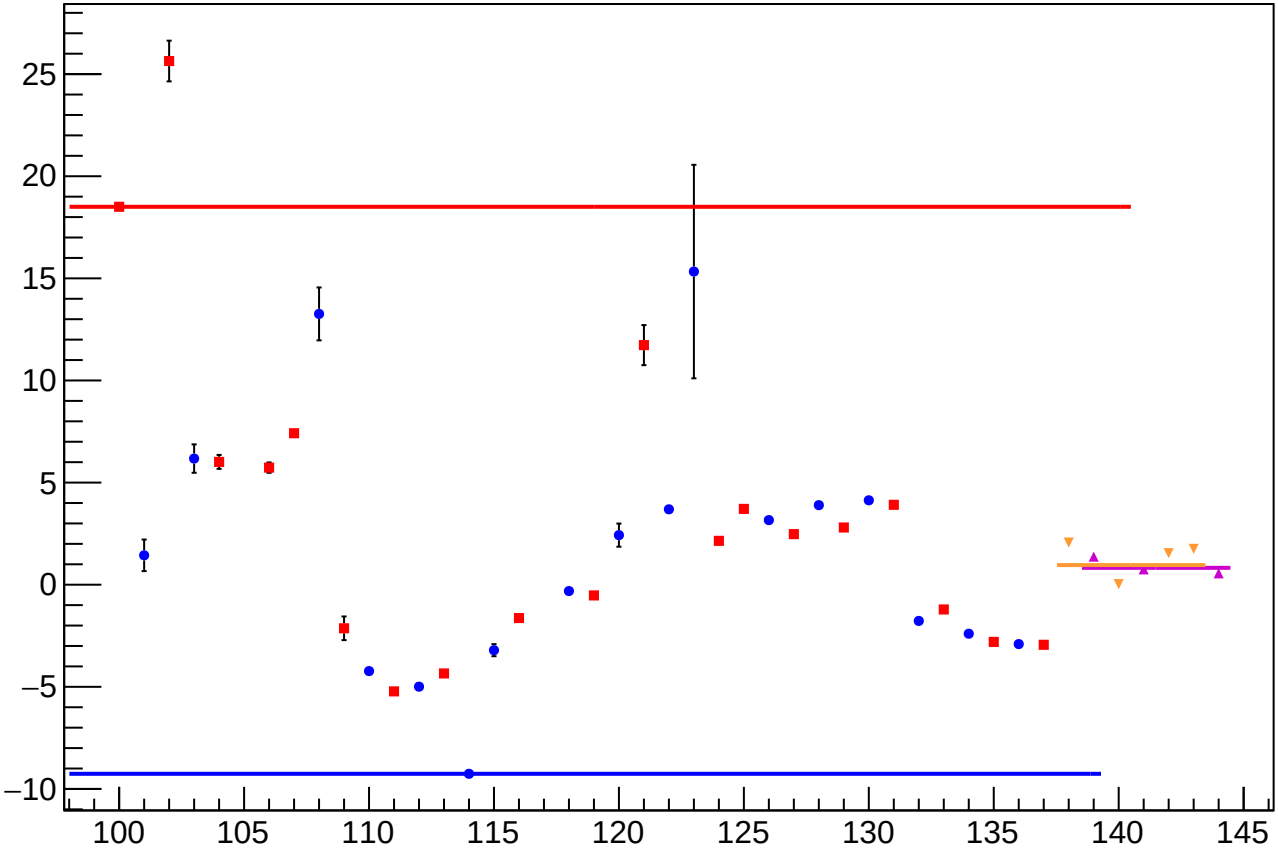
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:44939.6/19

Out: -29.754+/-0.000 χ^2/NDF:1209924.5/22

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: 0.961+/-0.018 χ^2/NDF:2651.8/3

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: 0.827+/-0.019 χ^2/NDF:214.8/2

Left: 0.896+/-0.013 χ^2/NDF: 2892.9/6

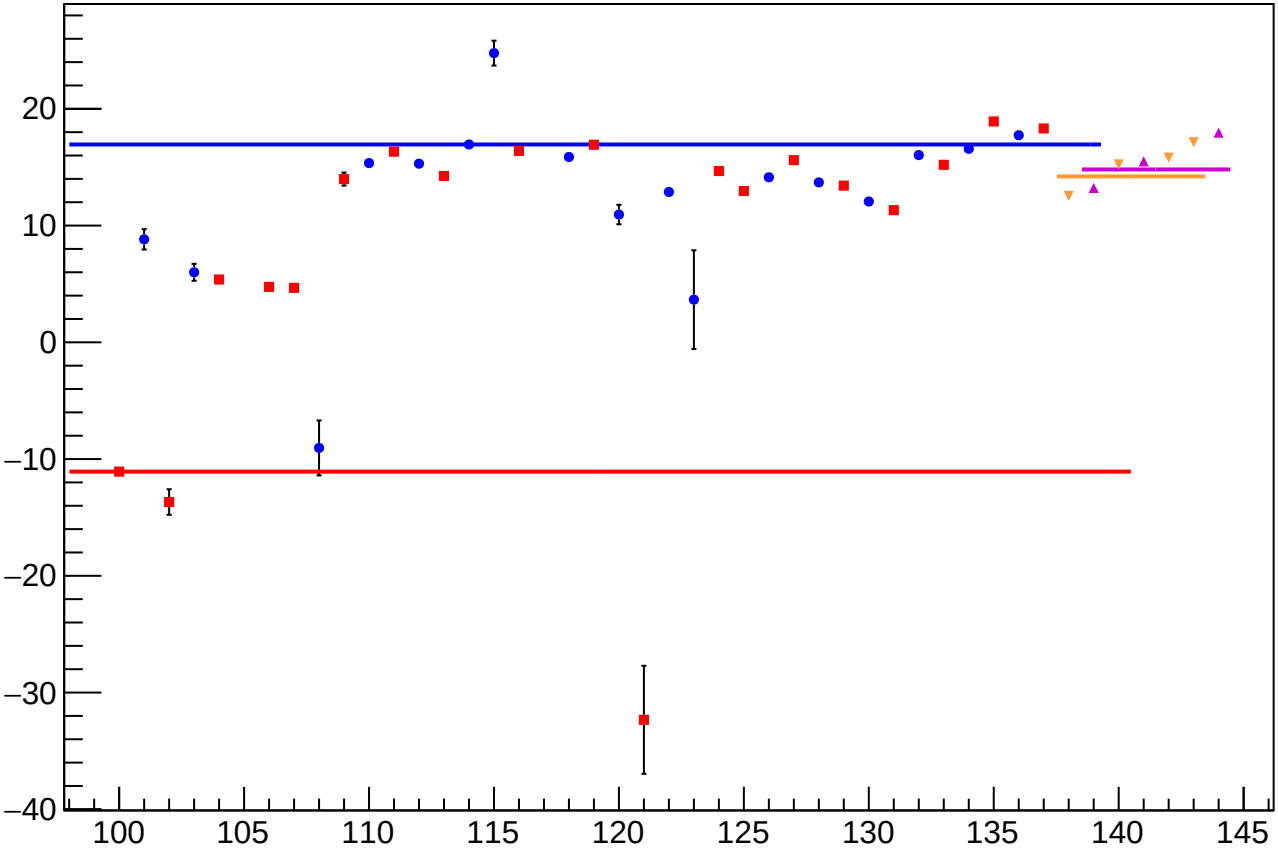
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:691722.3/19

Out: 18.504+/-0.000 χ^2/NDF:8290125.9/22

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: 14.212+/-0.020 χ^2/NDF:7188.0/3

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 14.807+/-0.029 χ^2/NDF:3084.9/2

Left: 14.410+/-0.016 χ^2/NDF: 10562.5/6

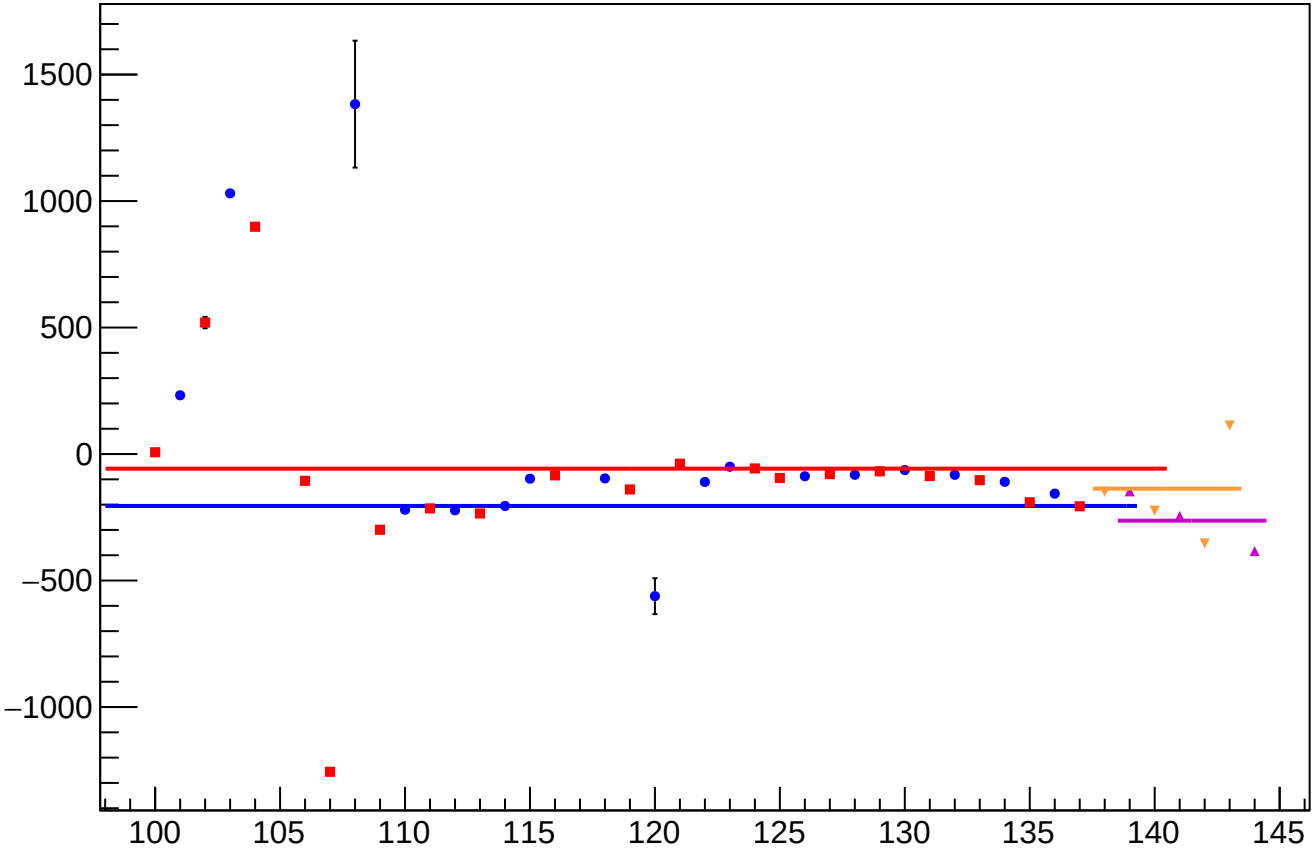
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:19923.4/19

Out: -11.075+/-0.000 χ^2/NDF:4291147.5/22

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: -136.767+/-0.555 χ^2/NDF:37626.6/3

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -263.331+/-0.756 χ^2/NDF:13390.0/2

Left: -181.077+/-0.448 χ^2/NDF: 69210.8/6

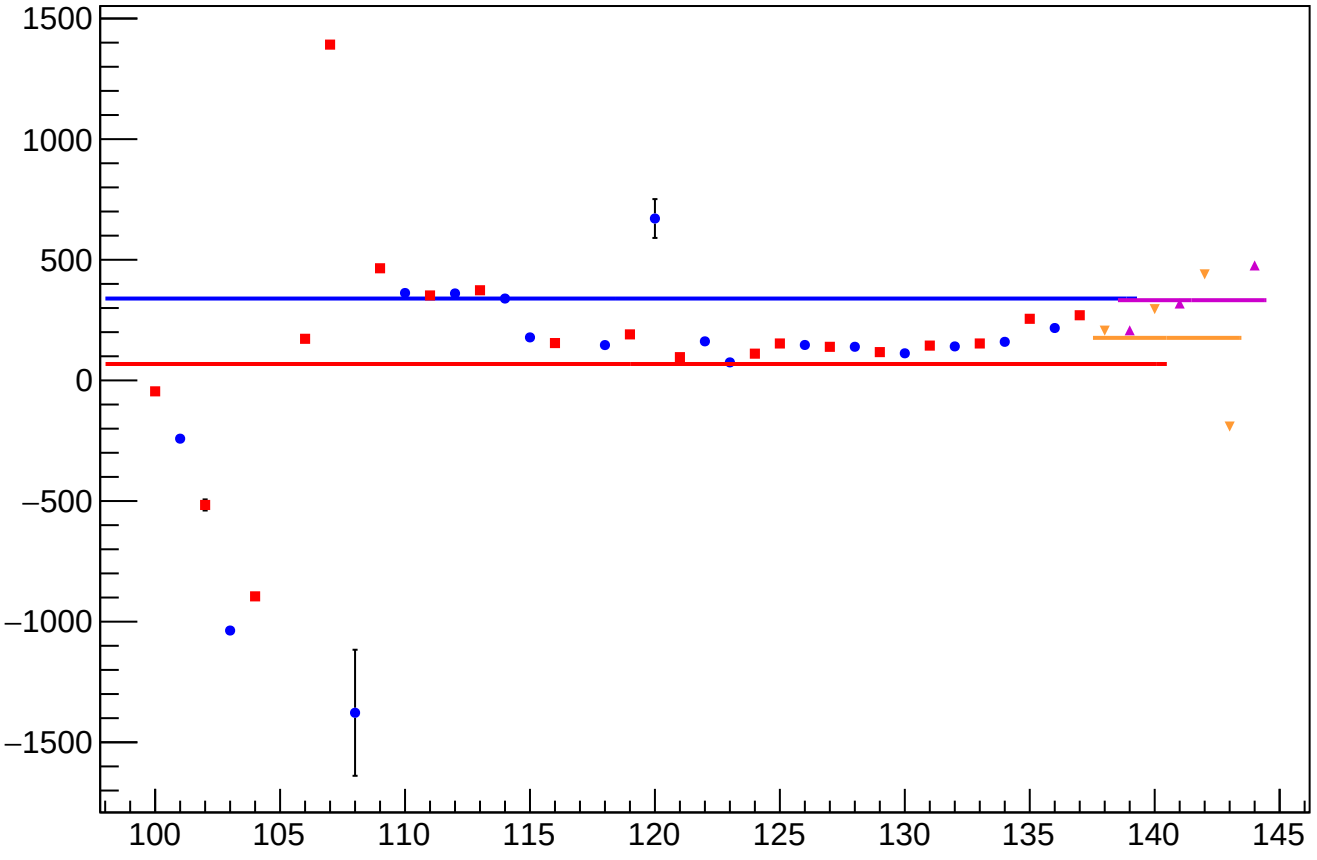
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:602079.7/19

Out: -74.027+/-0.252 χ^2/NDF:168579.1/22

All: -205.160+/-0.000 χ^2/NDF: 1040628.5/42

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 176.347+/-0.570 χ^2/NDF:73227.7/3

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 332.488+/-0.817 χ^2/NDF:13658.4/2

Left: 227.486+/-0.467 χ^2/NDF: 111473.7/6

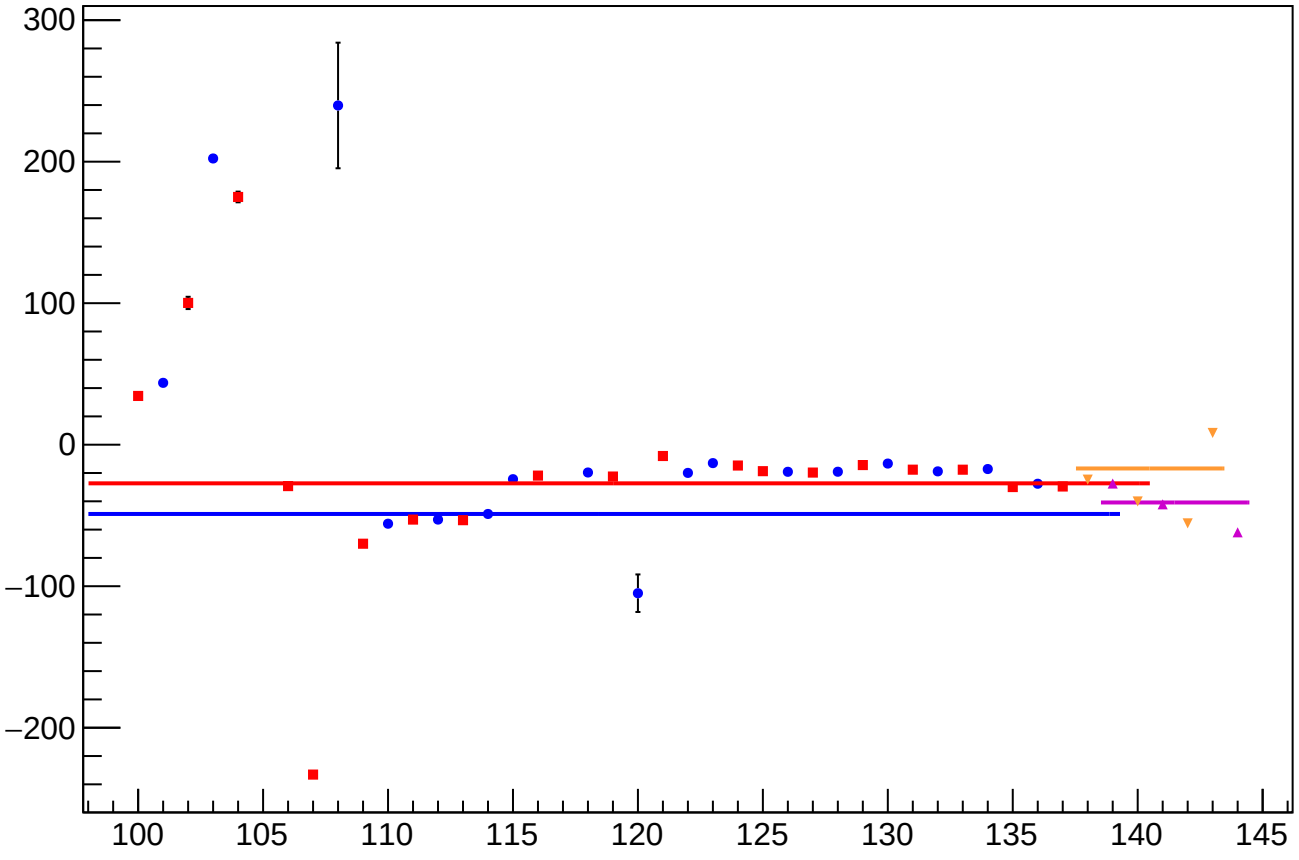
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1044334.8/19

Out: 89.828+/-0.256 χ^2/NDF:374418.0/22

All: 339.325+/-0.000 χ^2/NDF: 2371034.1/42

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -16.798+/-0.021 χ^2/NDF:523378.7/3

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -40.831+/-0.064 χ^2/NDF:17504.3/2

Left: -19.175+/-0.020 χ^2/NDF: 669654.0/6

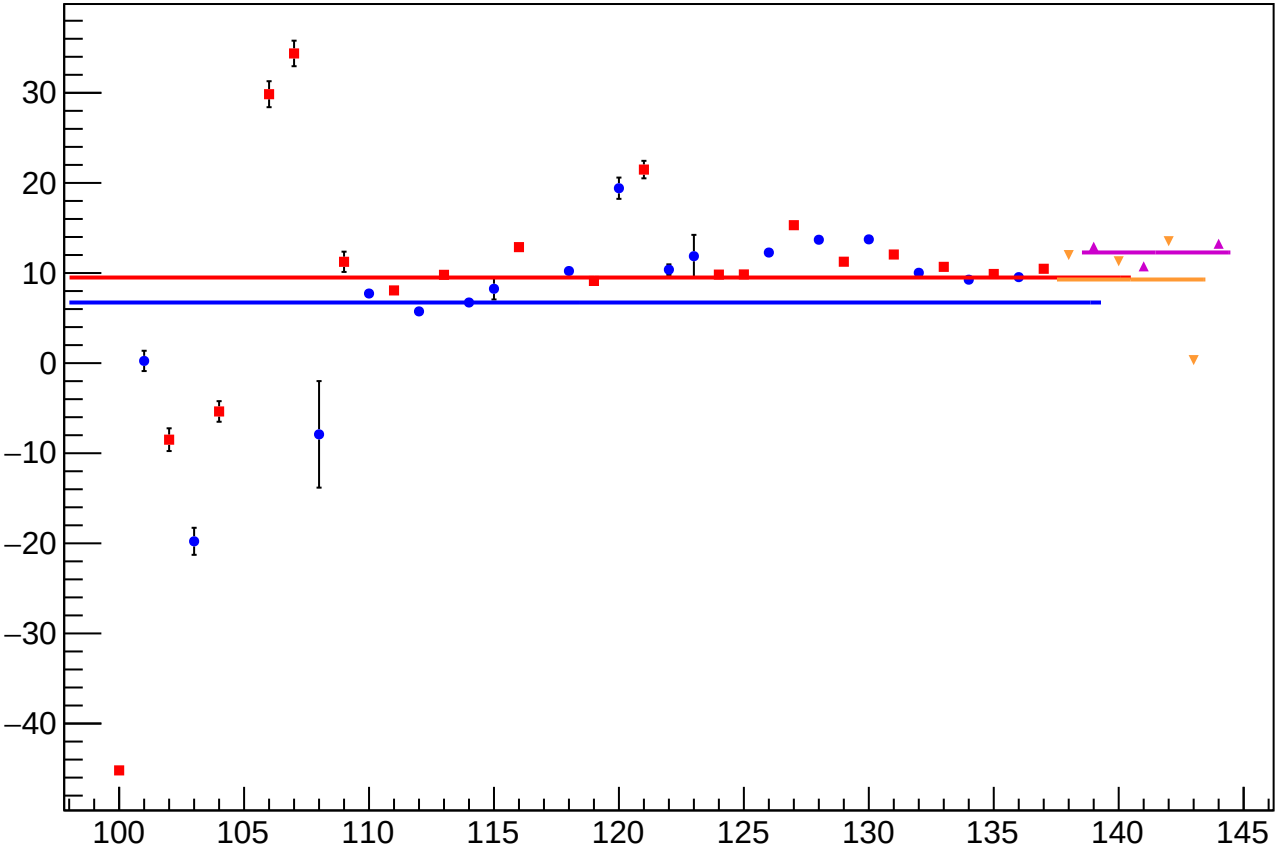
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:5442164.1/19

Out: -18.294+/-0.020 χ^2/NDF:726674.3/22

All: -48.945+/-0.000 χ^2/NDF: 8637652.5/42

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.282+/-0.037 χ^2/NDF:19978.9/3

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 12.282+/-0.047 χ^2/NDF:555.4/2

Left: 10.411+/-0.029 χ^2/NDF: 23038.9/6

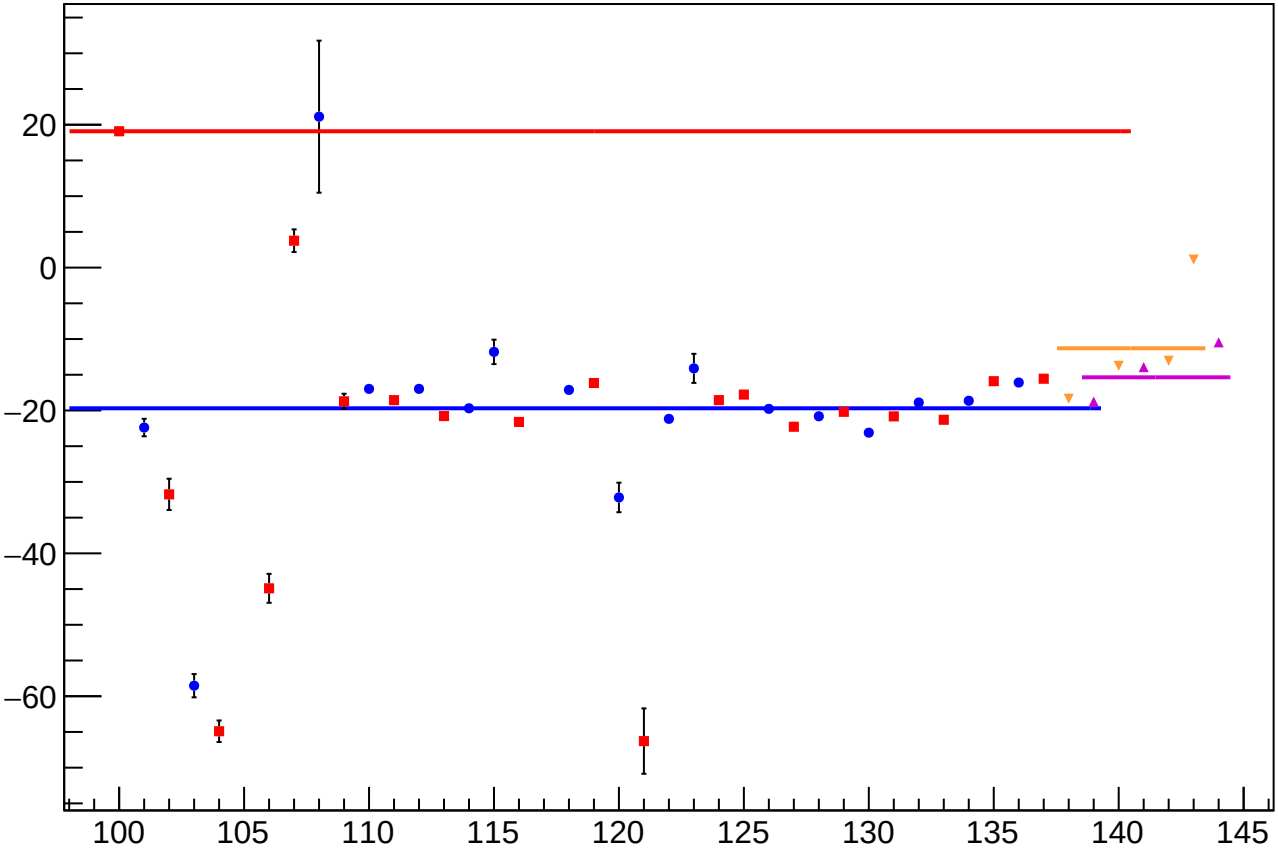
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:28068.2/19

Out: 9.396+/-0.026 χ^2/NDF:46819.4/22

All: 6.728+/-0.000 χ^2/NDF: 85755.8/42

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -11.294+/-0.051 χ^2/NDF:16785.0/3

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -15.359+/-0.071 χ^2/NDF:2251.6/2

Left: -12.674+/-0.042 χ^2/NDF: 21176.5/6

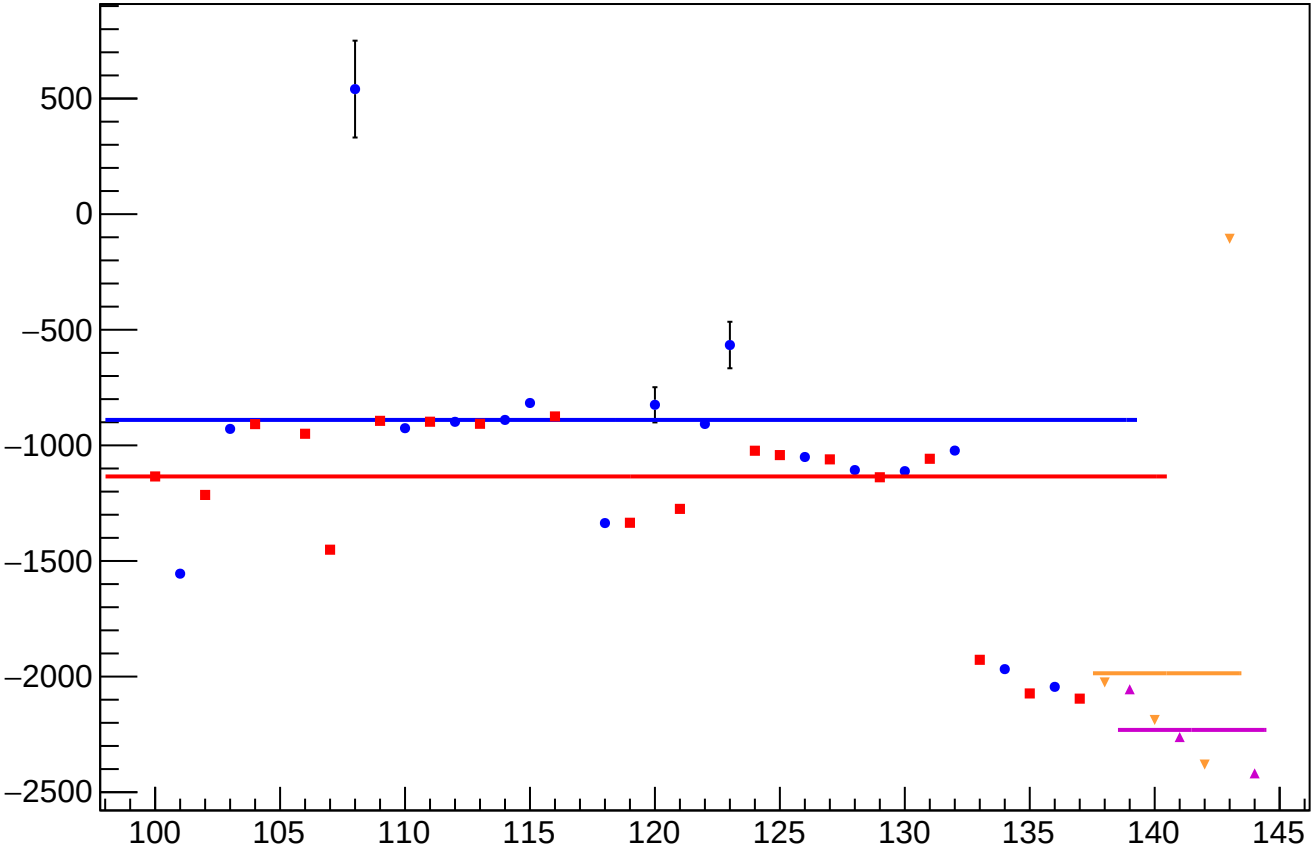
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:13514.5/19

Out: 19.086+/-0.000 χ^2/NDF:979769.3/22

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: -1985.678+/-1.233 χ^2/NDF:239758.7/3

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2230.623+/-1.134 χ^2/NDF:18825.5/2

Left: -2118.289+/-0.835 χ^2/NDF: 279965.9/6

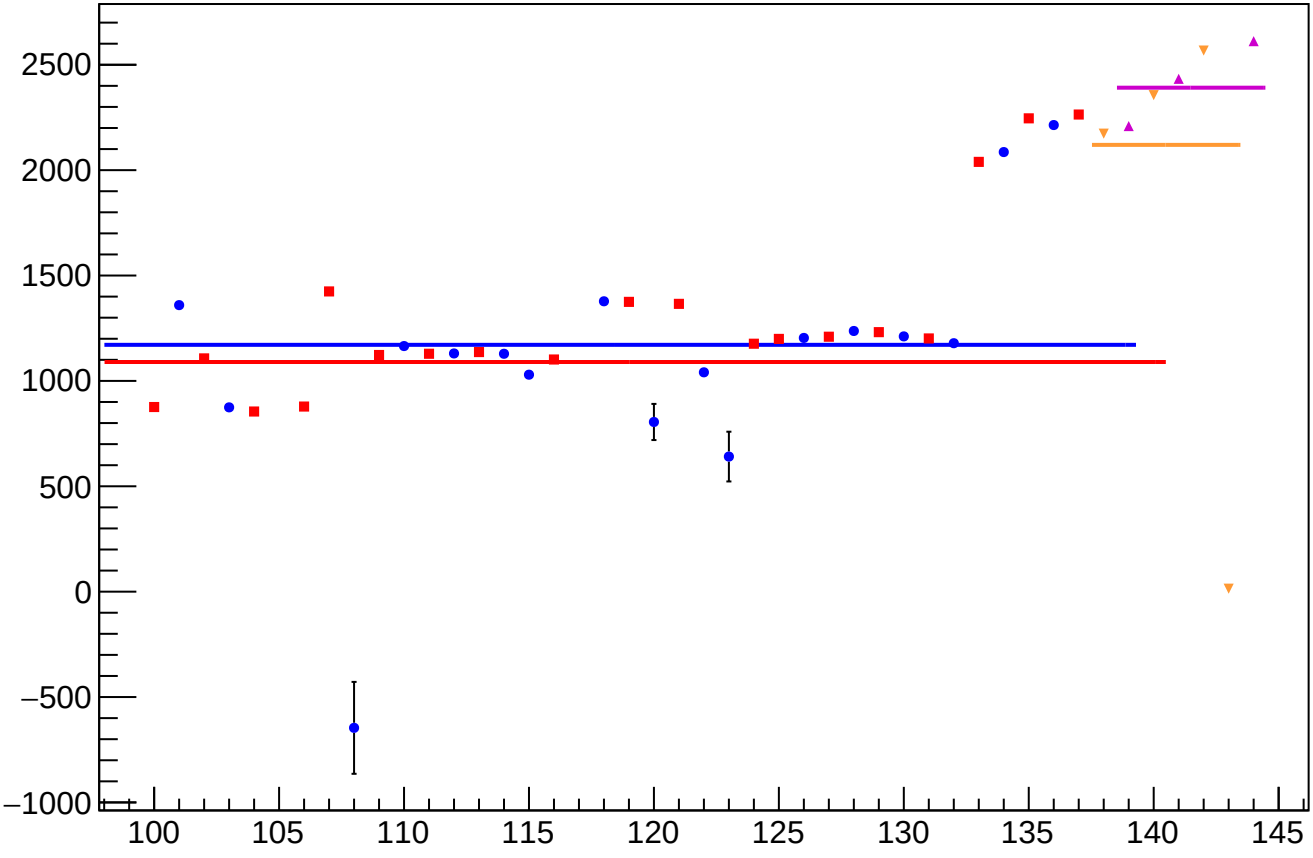
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:2191485.5/19

Out: -1134.421+/-0.000 χ^2/NDF:1450568.4/22

All: -976.220+/-0.000 χ^2/NDF: 44889787387

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2119.929+/-1.264 χ^2/NDF:289384.7/3

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2391.271+/-1.232 χ^2/NDF:18326.3/2

Left: 2259.027+/-0.882 χ^2/NDF: 331340.7/6

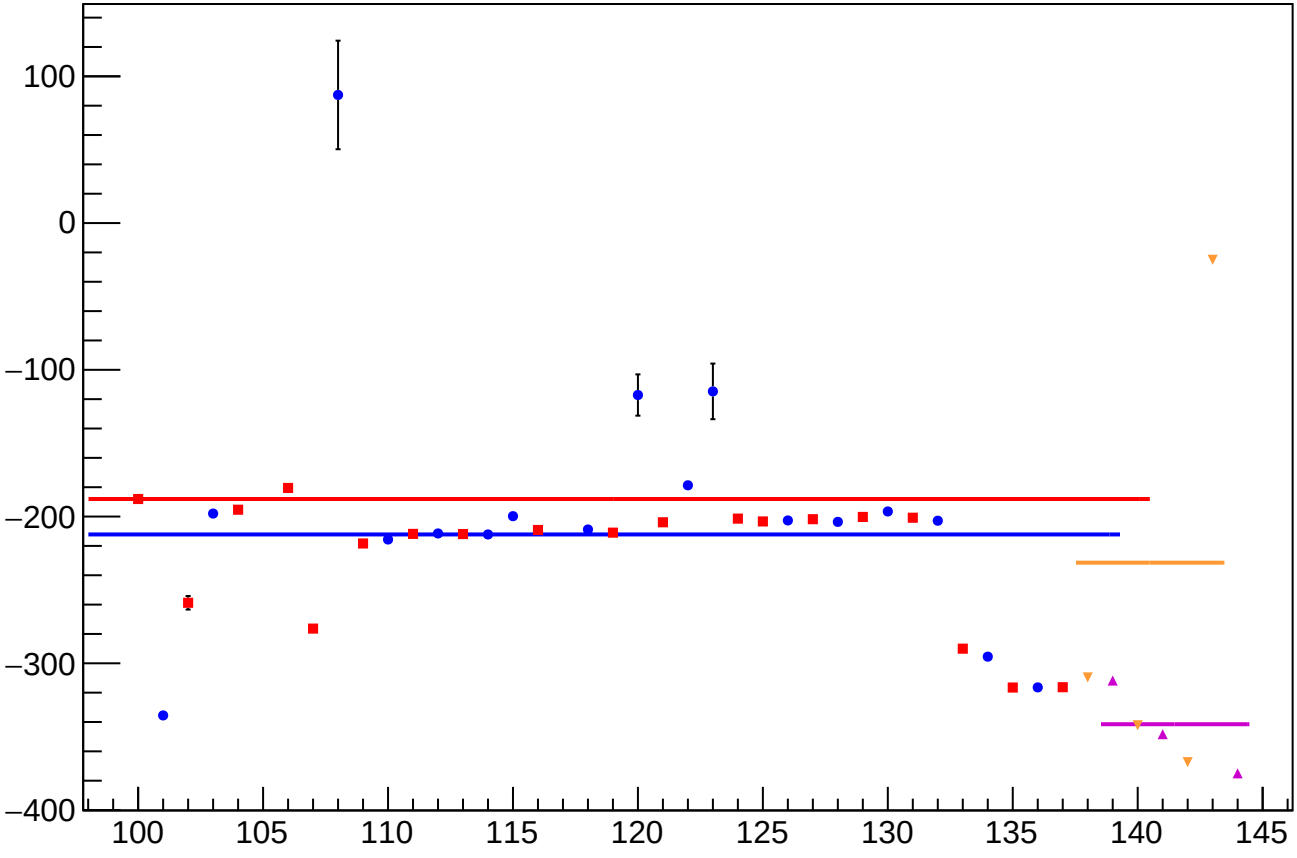
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1217.717+/-0.241 χ^2/NDF:1470194.1/19

Out: 1129.534+/-0.248 χ^2/NDF:2028503.6/22

All: 1175.040+/-0.173 χ^2/NDF: 3563682.3/42

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -231.429+/-0.060 χ^2/NDF:4887561.6/3

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -341.516+/-0.098 χ^2/NDF:37541.1/2

Left: -261.123+/-0.051 χ^2/NDF: 5842041.9/6

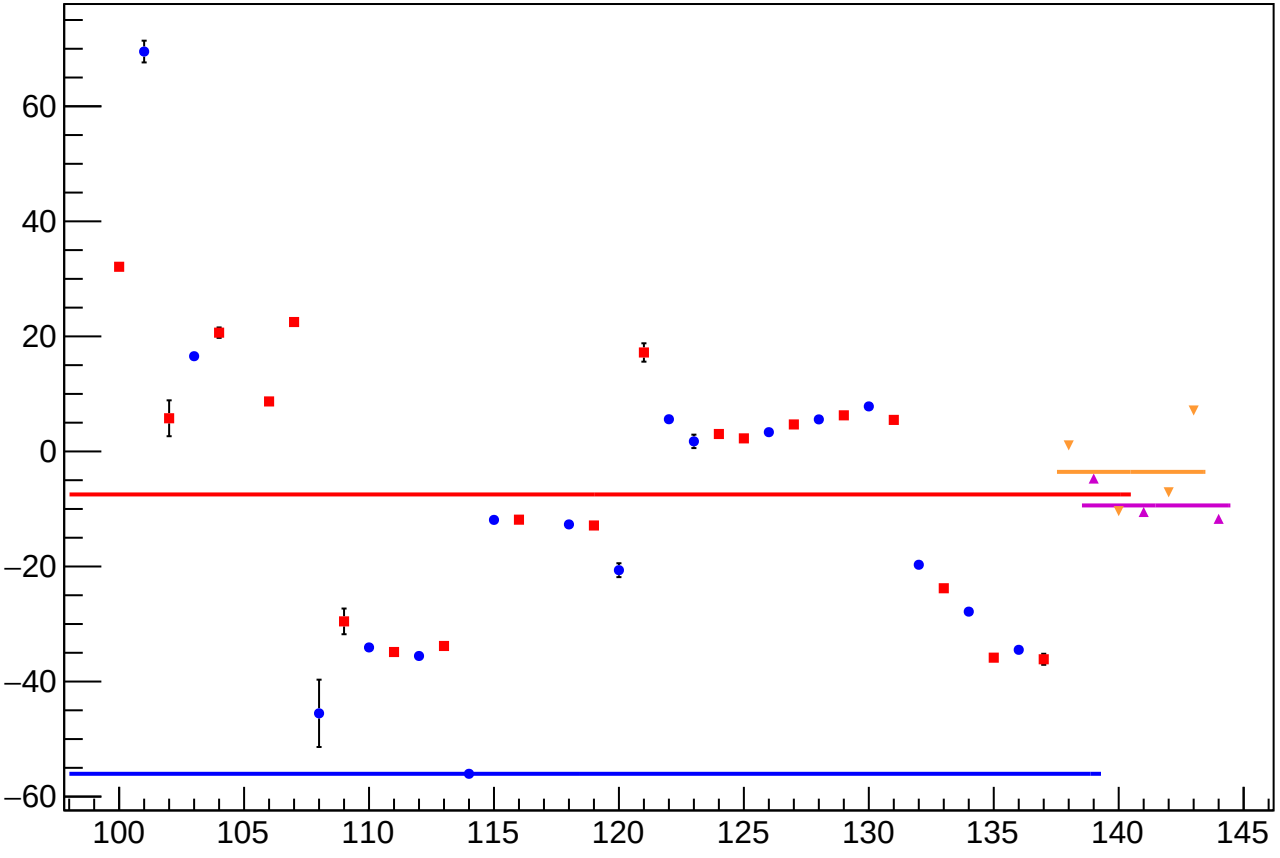
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:2919588.3/19

Out: -188.033+/-0.000 χ^2/NDF:6018076.4/22

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: -3.550+/-0.093 χ^2/NDF:7135.8/3

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -9.386+/-0.076 χ^2/NDF:1108.7/2

Left: -7.063+/-0.059 χ^2/NDF: 10591.6/6

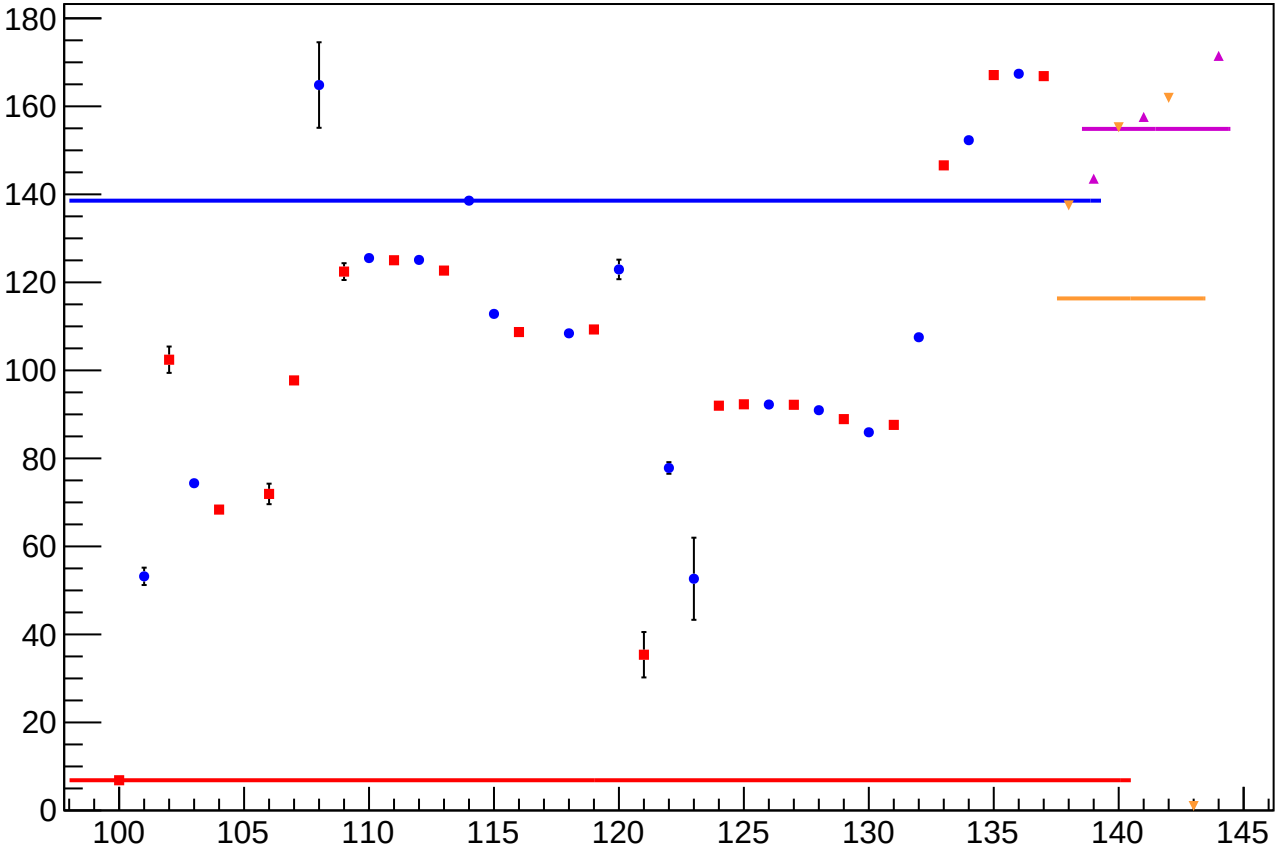
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:1963341.7/19

Out: -6.812+/-0.038 χ^2/NDF:182495.8/22

All: -56.037+/-0.000 χ^2/NDF: 3785275.0/42

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 116.349+/-0.130 χ^2/NDF:255259.2/3

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 154.873+/-0.093 χ^2/NDF:7489.2/2

Left: 141.730+/-0.076 χ^2/NDF: 320905.2/6

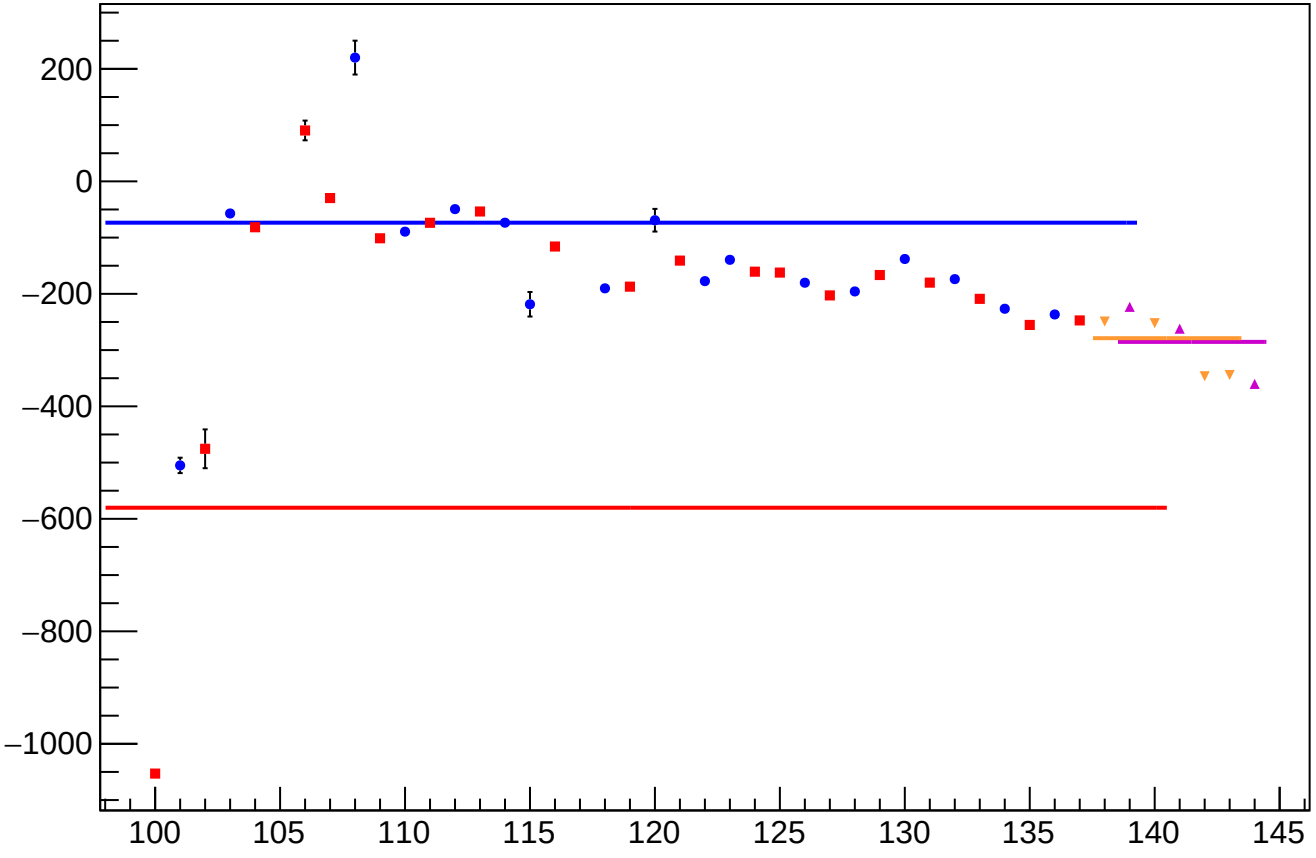
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:939195.1/19

Out: 6.866+/-0.000 χ^2/NDF:9015586.5/22

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: -278.819+/-0.494 χ^2/NDF:7681.7/3

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -285.395+/-0.559 χ^2/NDF:7309.6/2

Left: -281.702+/-0.370 χ^2/NDF: 15069.1/6

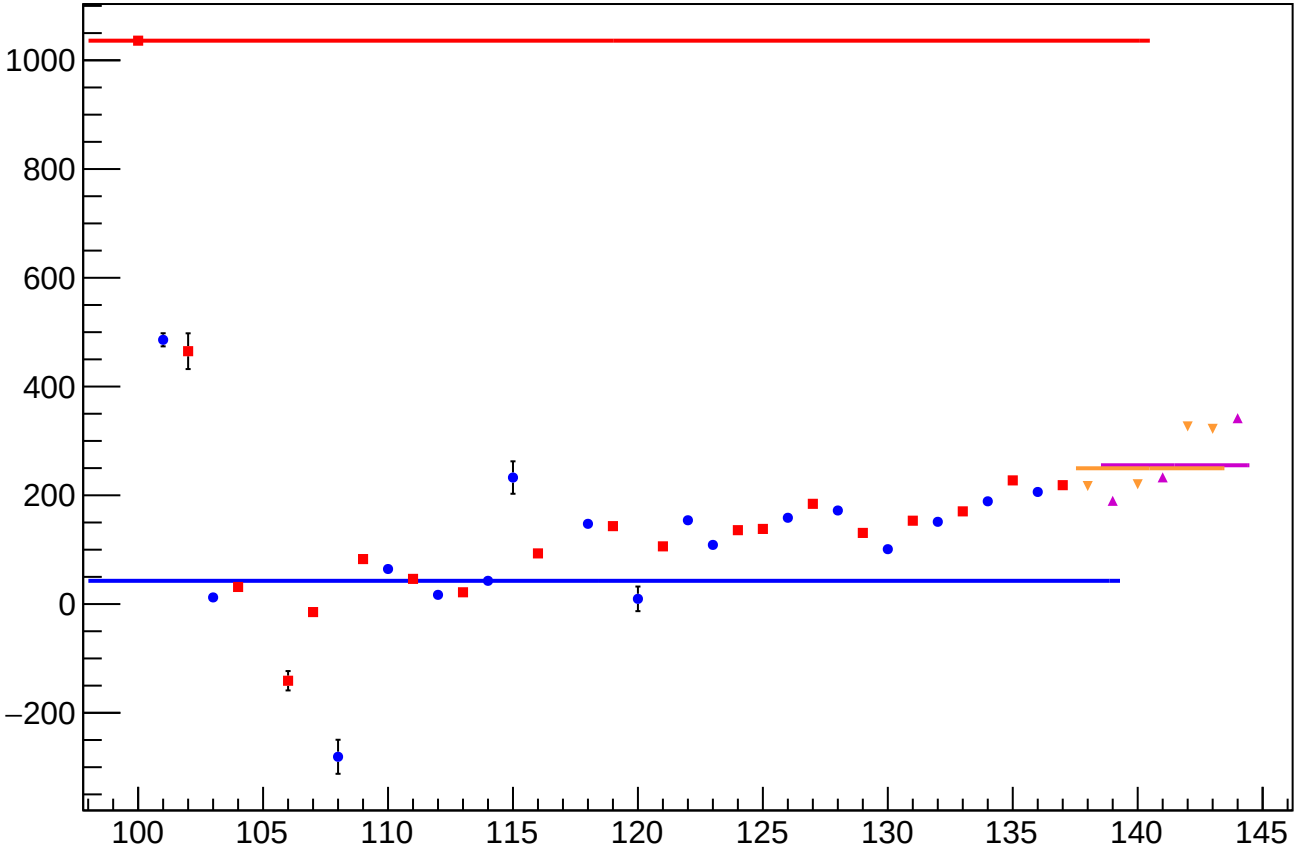
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:249875.0/19

Out: -514.425+/-0.231 χ^2/NDF:3330757.0/22

All: -73.485+/-0.000 χ^2/NDF: 7233978.5/42

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 249.702+/-0.515 χ^2/NDF:8736.8/3

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 255.237+/-0.590 χ^2/NDF:7514.8/2

Left: 252.095+/-0.388 χ^2/NDF: 16301.6/6

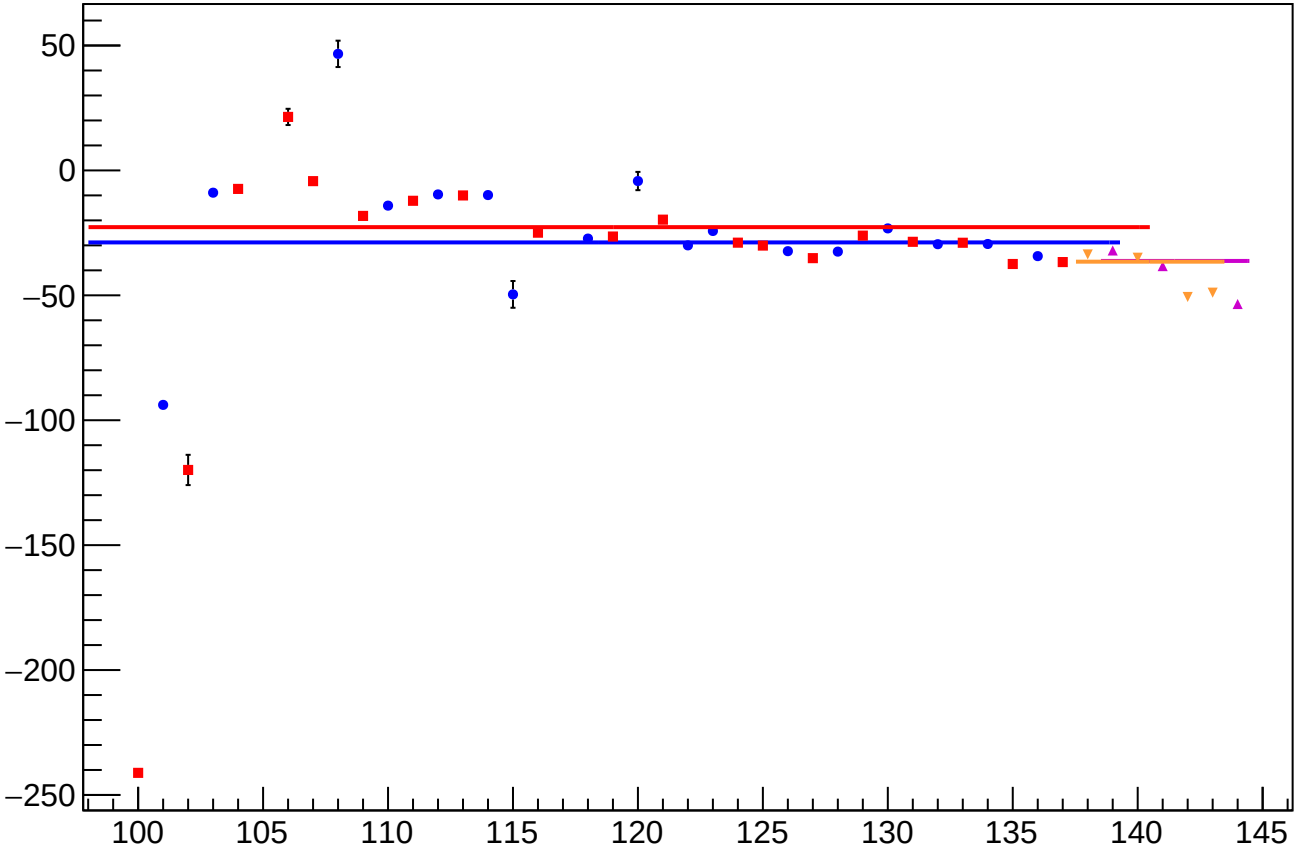
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:221781.6/19

Out: 1036.068+/-0.000 χ^2/NDF:7274963.9/22

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: -36.529+/-0.032 χ^2/NDF:34015.6/3

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -36.237+/-0.043 χ^2/NDF:17912.7/2

Left: -36.424+/-0.026 χ^2/NDF: 51957.5/6

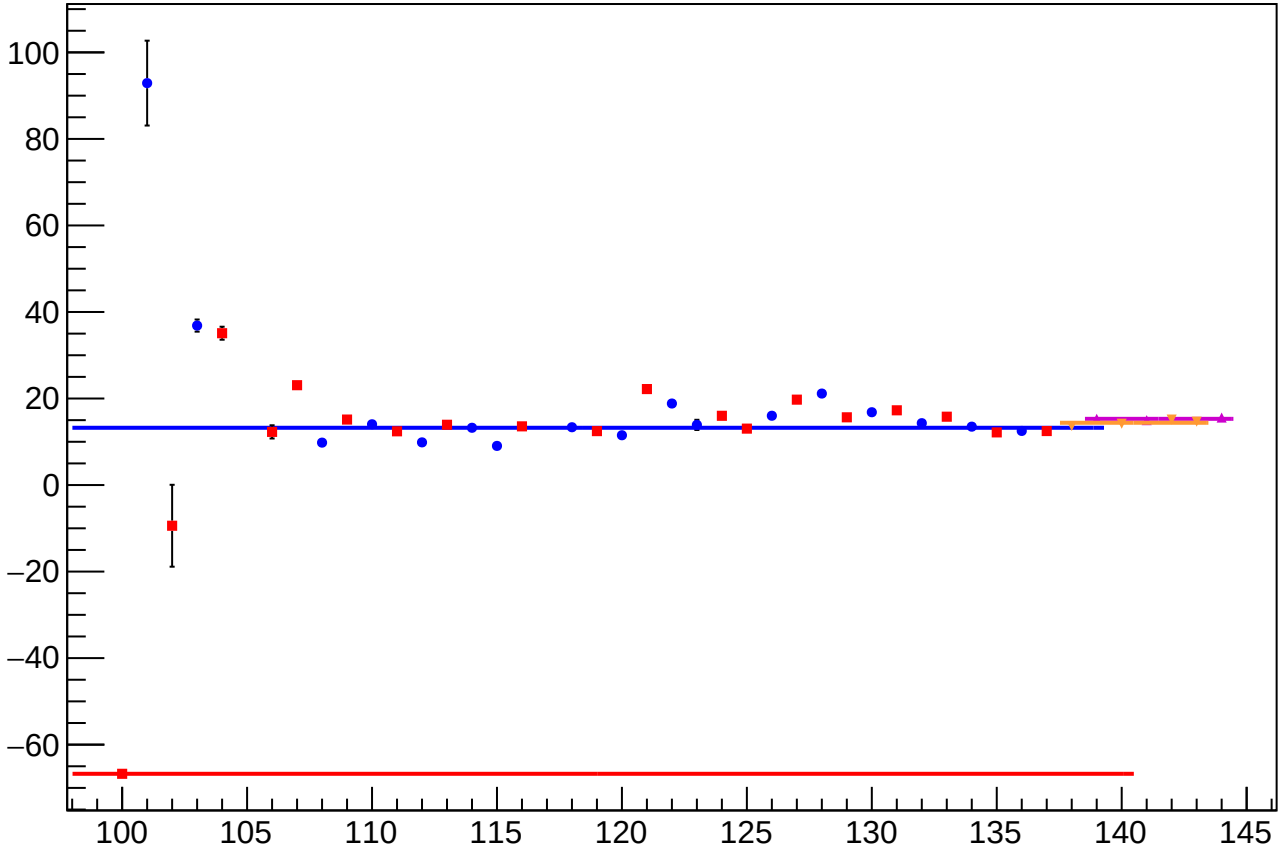
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -31.724+/-0.027 χ^2/NDF:85242.3/19

Out: -30.744+/-0.025 χ^2/NDF:520788.7/22

All: -31.188+/-0.018 χ^2/NDF: 606746.0/42

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.393+/-0.038 χ^2/NDF:102.8/3

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 15.303+/-0.037 χ^2/NDF:50.2/2

Left: 14.869+/-0.026 χ^2/NDF: 447.6/6

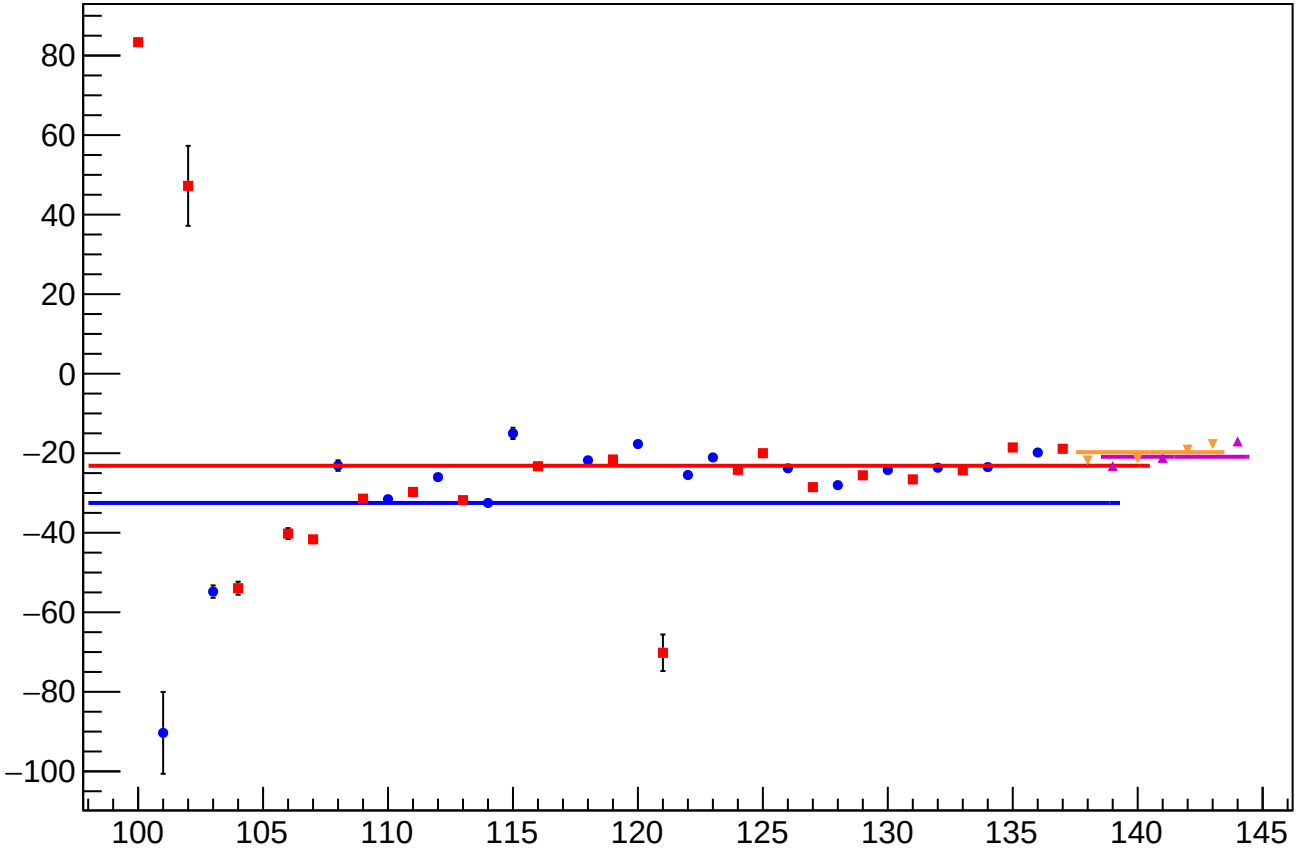
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:8984.0/19

Out: -66.739+/-0.000 χ^2/NDF:7505732.3/22

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: -19.735+/-0.045 χ^2/NDF:1613.5/3

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -20.890+/-0.065 χ^2/NDF:1518.4/2

Left: -20.110+/-0.037 χ^2/NDF: 3345.3/6

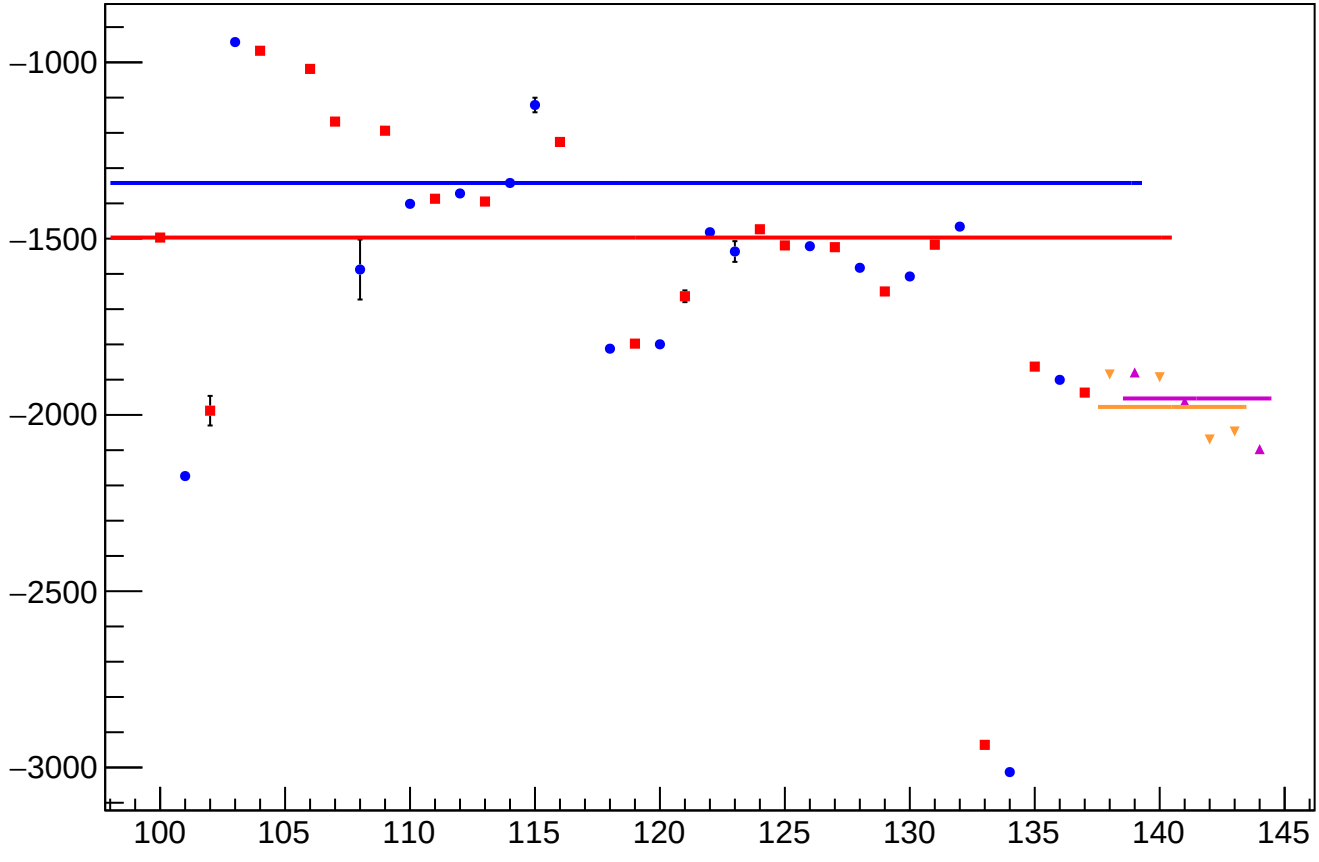
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:107666.1/19

Out: -21.350+/-0.033 χ^2/NDF:95077.1/22

All: -32.504+/-0.000 χ^2/NDF: 318829.2/42

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1977.330+/-1.129 χ^2/NDF:5317.8/3

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1953.329+/-0.775 χ^2/NDF:12501.2/2

Left: -1961.026+/-0.639 χ^2/NDF: 18126.2/6

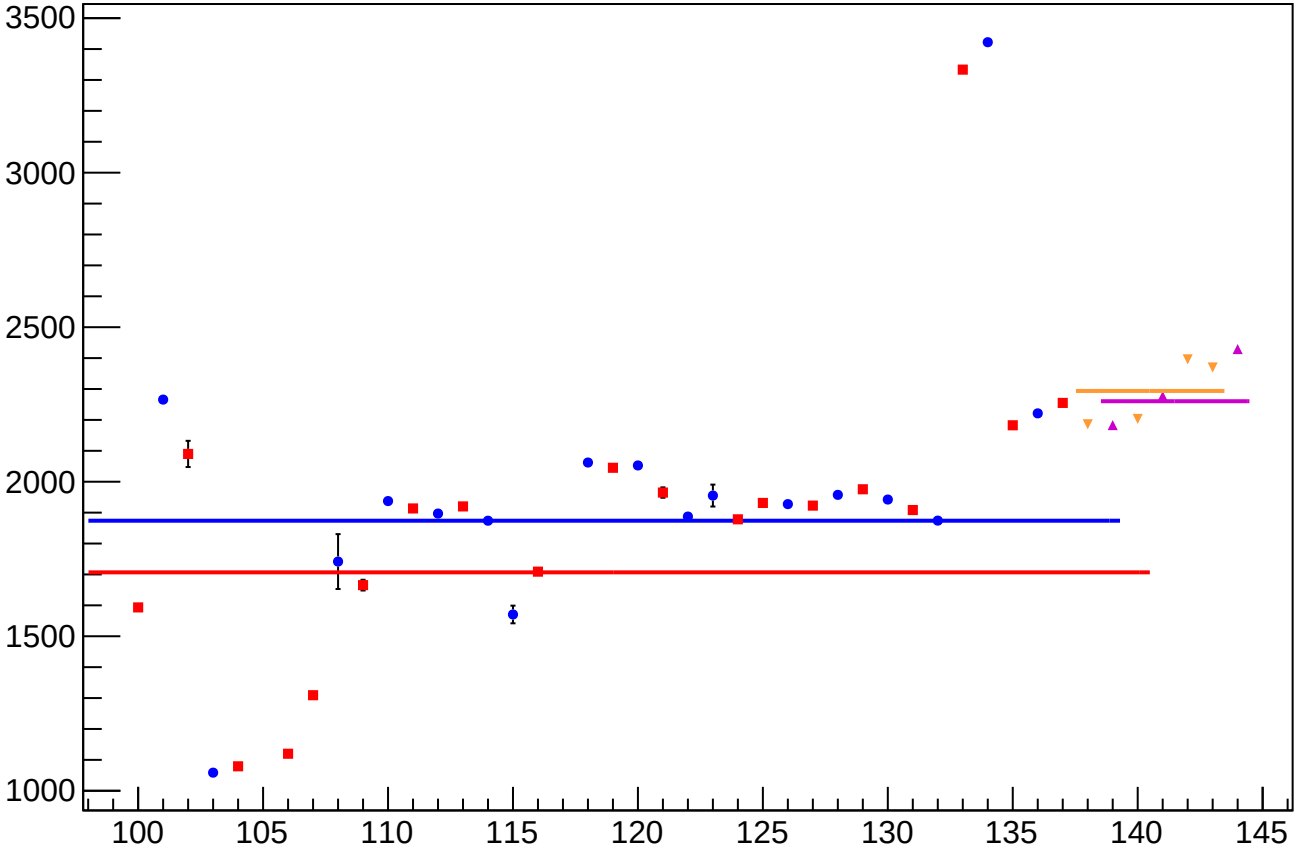
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:1004720.8/19

Out: -1496.932+/-0.000 χ^2/NDF:691197.4/22

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: 2293.712+/-1.182 χ^2/NDF:6000.3/3

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2260.488+/-0.805 χ^2/NDF:14079.7/2

Left: 2271.013+/-0.665 χ^2/NDF: 20619.8/6

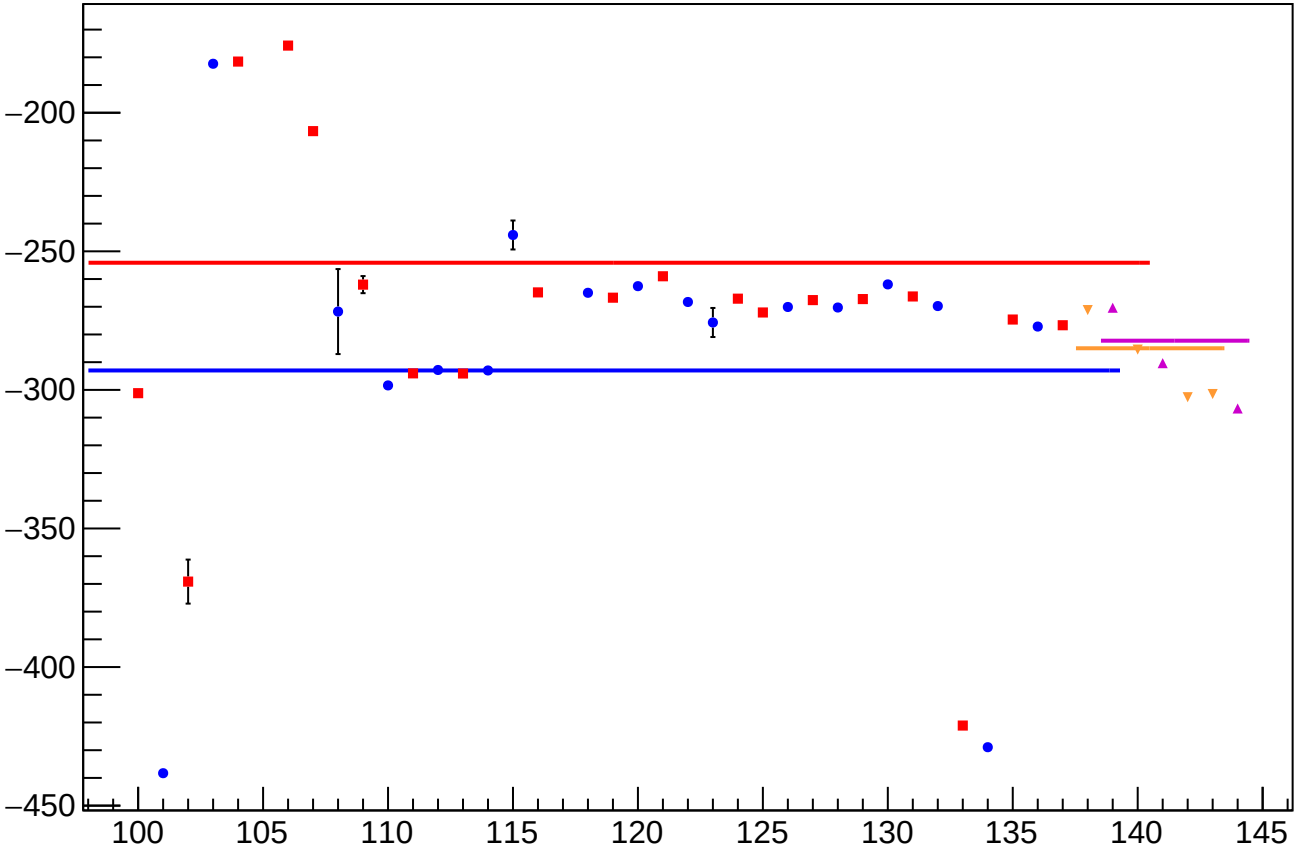
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:446441.7/19

Out: 1742.802+/-0.293 χ^2/NDF:1075433.5/22

All: 1873.852+/-0.000 χ^2/NDF: 1721983.6/42

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -284.980+/-0.074 χ^2/NDF:35704.2/3

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -282.246+/-0.059 χ^2/NDF:45034.7/2

Left: -283.313+/-0.046 χ^2/NDF: 81573.7/6

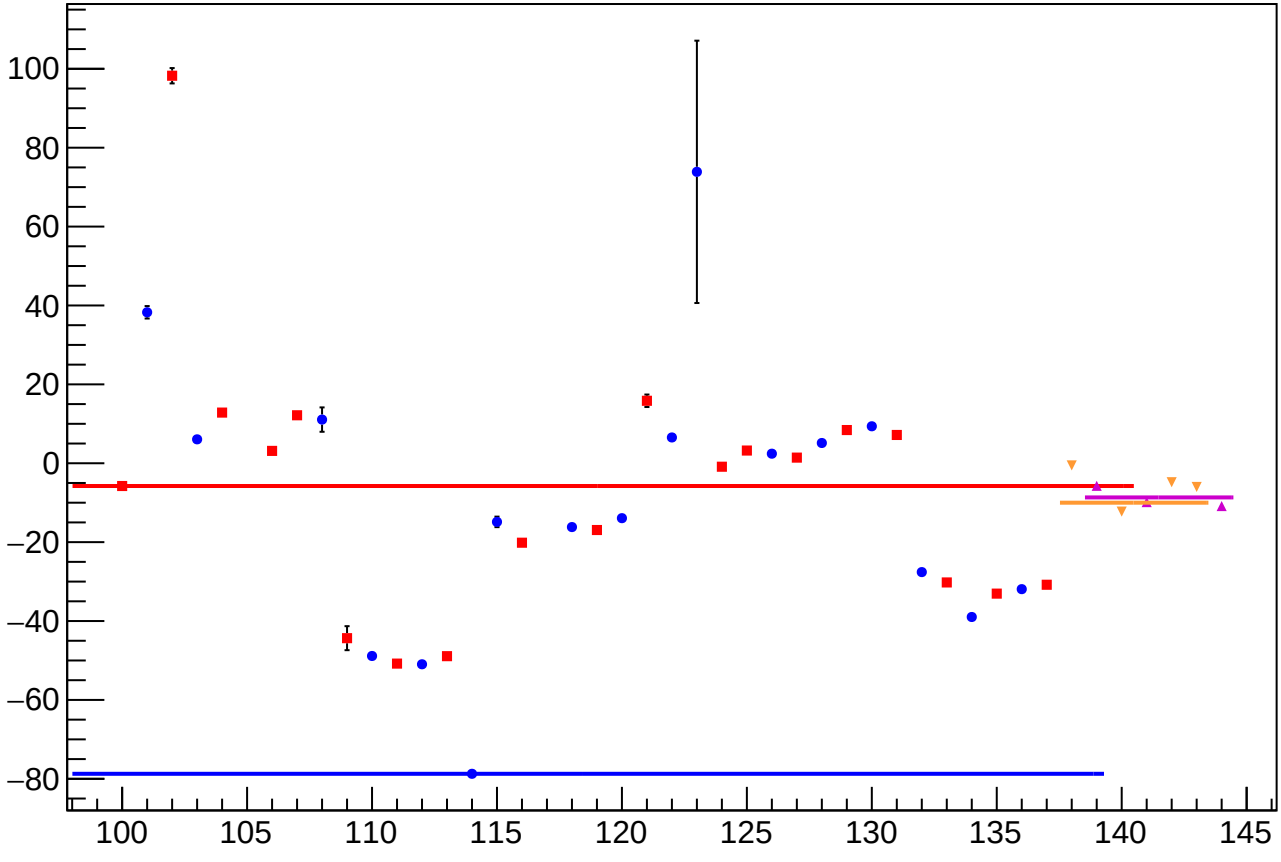
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:1093624.1/19

Out: -266.137+/-0.046 χ^2/NDF:644907.5/22

All: -292.986+/-0.000 χ^2/NDF: 2077705.8/42

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -10.000+/-0.074 χ^2/NDF:2502.5/3

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -8.664+/-0.062 χ^2/NDF:1068.8/2

Left: -9.213+/-0.047 χ^2/NDF: 3765.2/6

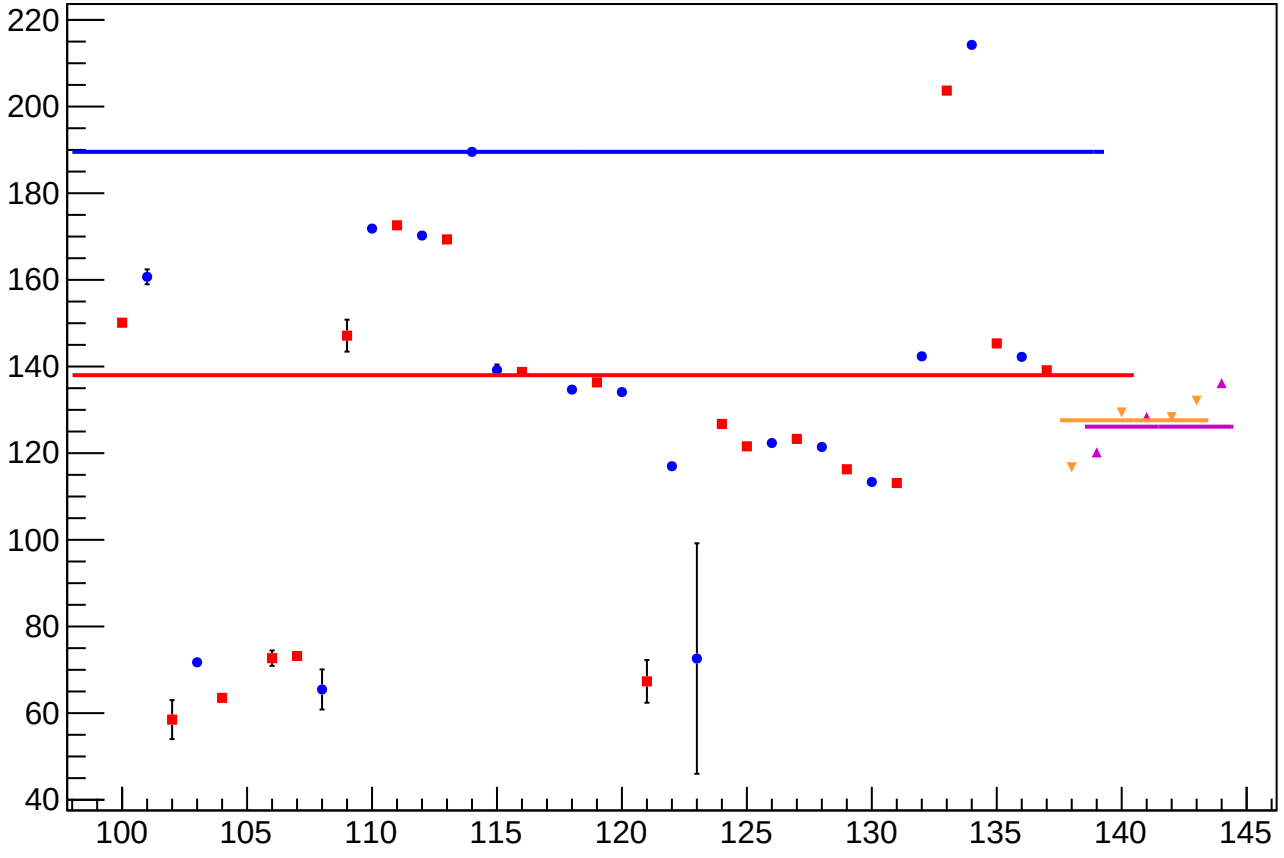
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:2696307.8/19

Out: -5.769+/-0.000 χ^2/NDF:117376.5/22

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: 127.586+/-0.095 χ^2/NDF:2863.9/3

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 126.120+/-0.065 χ^2/NDF:5150.6/2

Left: 126.592+/-0.054 χ^2/NDF: 8177.8/6

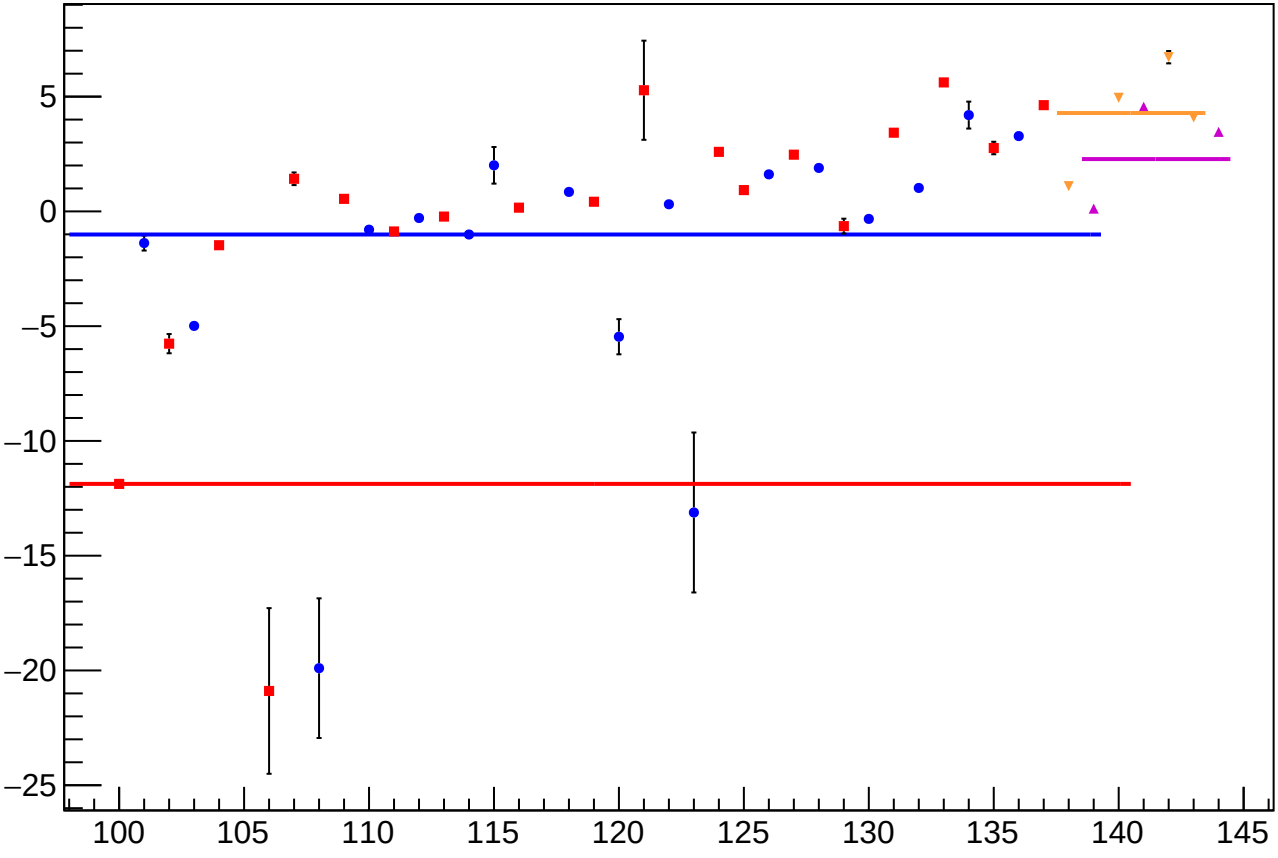
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:1883468.8/19

Out: 135.076+/-0.050 χ^2/NDF:128956.0/22

All: 189.551+/-0.000 χ^2/NDF: 3195297.8/42

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 4.286+/-0.070 χ^2/NDF:389.5/3

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.279+/-0.043 χ^2/NDF:1961.1/2

Left: 2.838+/-0.037 χ^2/NDF: 2947.8/6

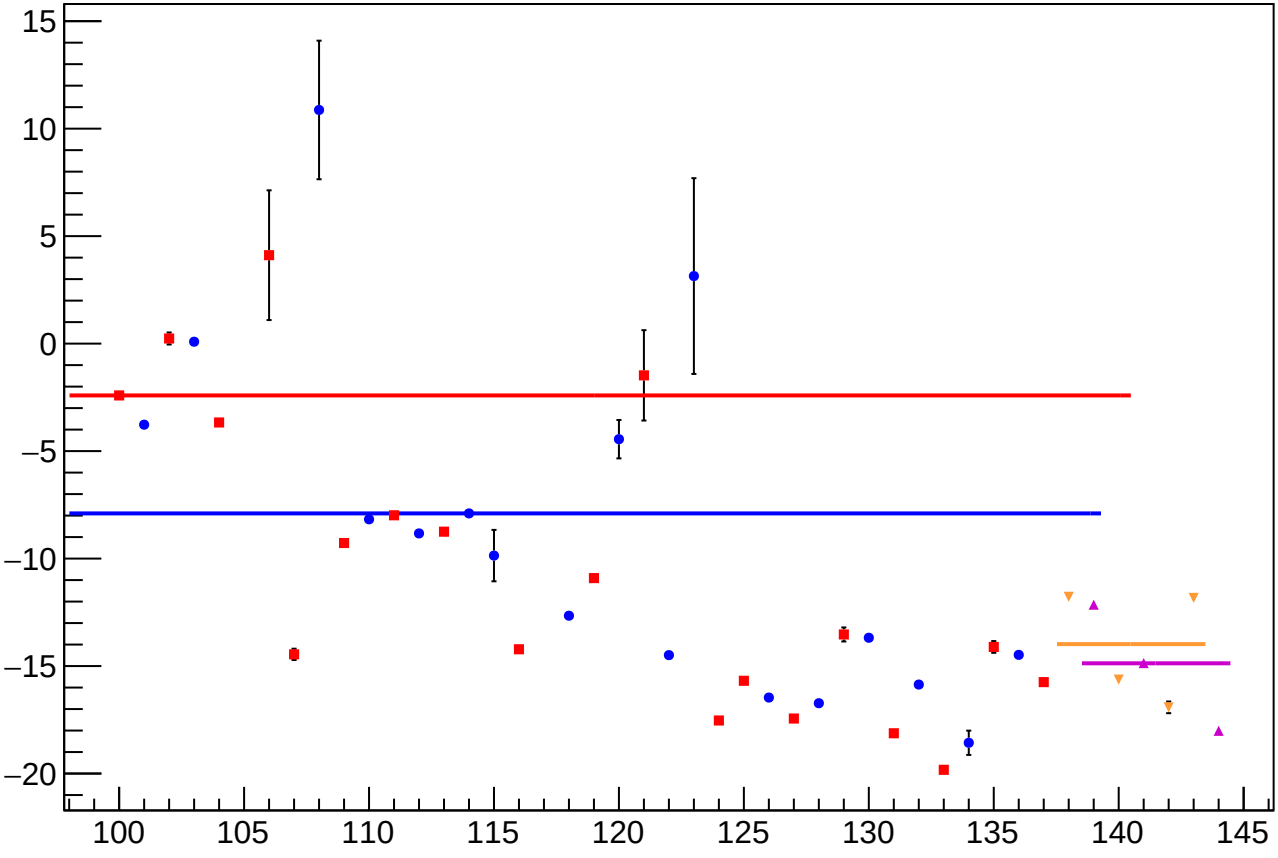
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:14774.2/19

Out: -11.872+/-0.000 χ^2/NDF:557660.1/22

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: -13.979+/-0.069 χ^2/NDF:834.7/3

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -14.872+/-0.062 χ^2/NDF:1115.6/2

Left: -14.474+/-0.046 χ^2/NDF: 2042.6/6

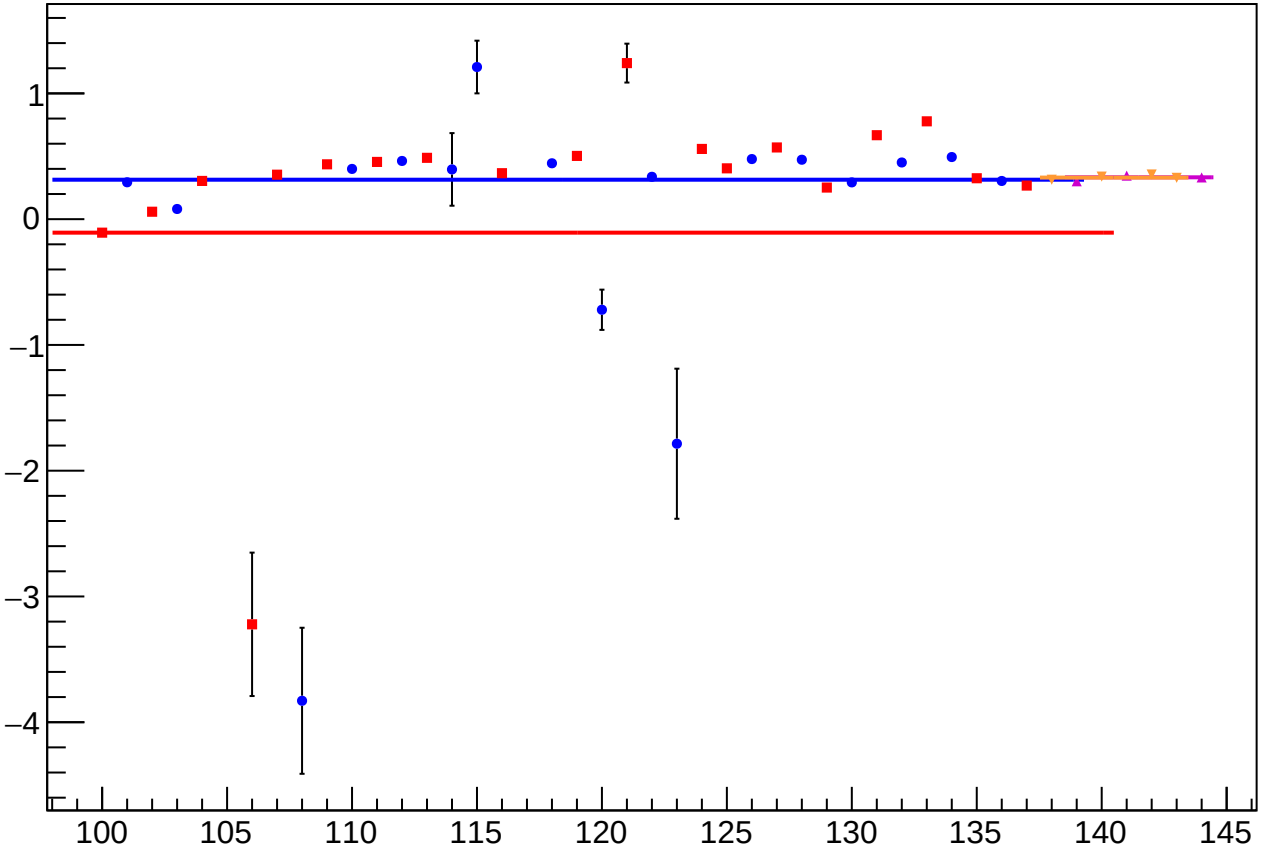
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:53179.7/19

Out: -2.410+/-0.000 χ^2/NDF:231824.7/22

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: 0.331+/-0.001 χ^2/NDF:230.3/3

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.333+/-0.001 χ^2/NDF:259.2/2

Left: 0.332+/-0.001 χ^2/NDF: 493.6/6

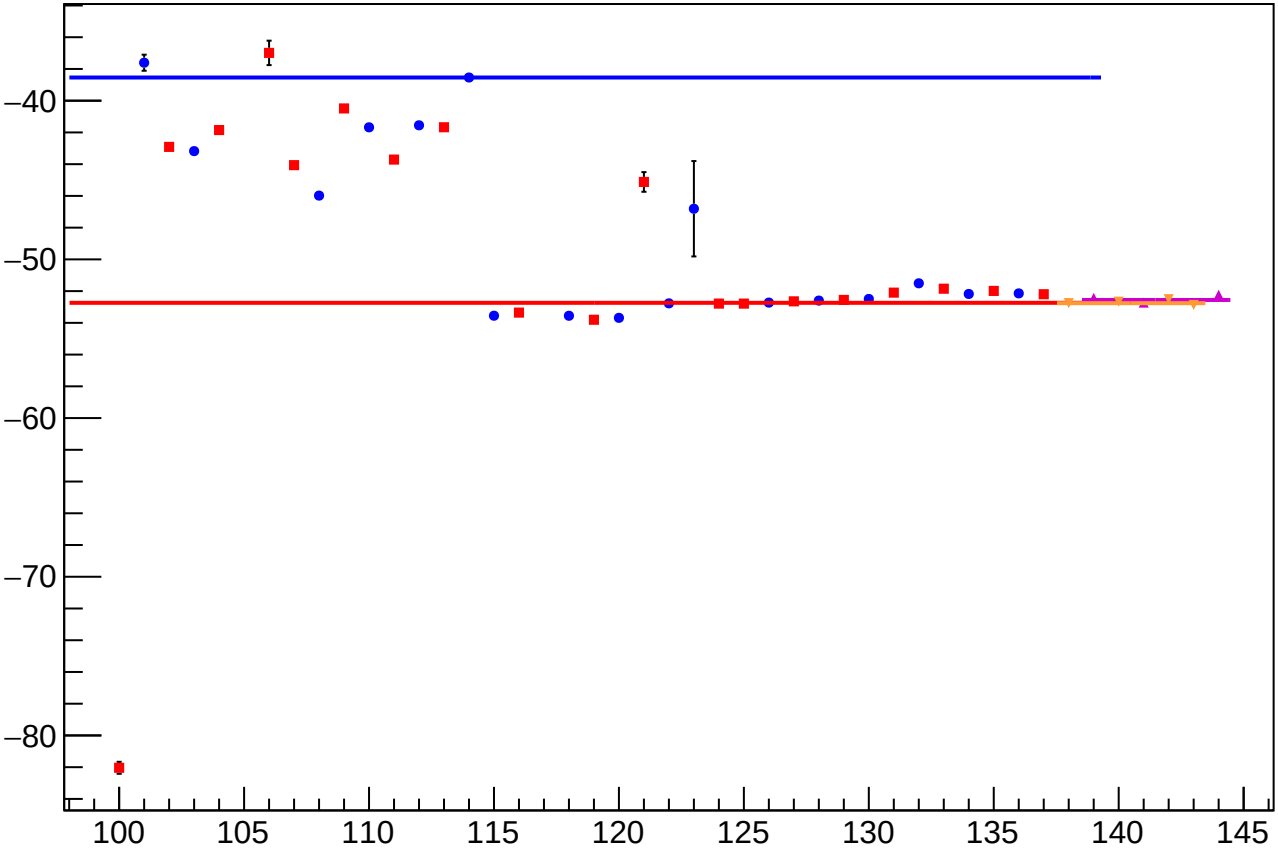
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.326+/-0.001 χ^2/NDF:3253.9/19

Out: -0.107+/-0.000 χ^2/NDF:536659.3/22

All: -0.107+/-0.000 χ^2/NDF: 1097619.4/42

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -52.761+/-0.005 χ^2/NDF:505.2/3

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -52.558+/-0.006 χ^2/NDF:847.9/2

Left: -52.679+/-0.004 χ^2/NDF: 1945.2/6

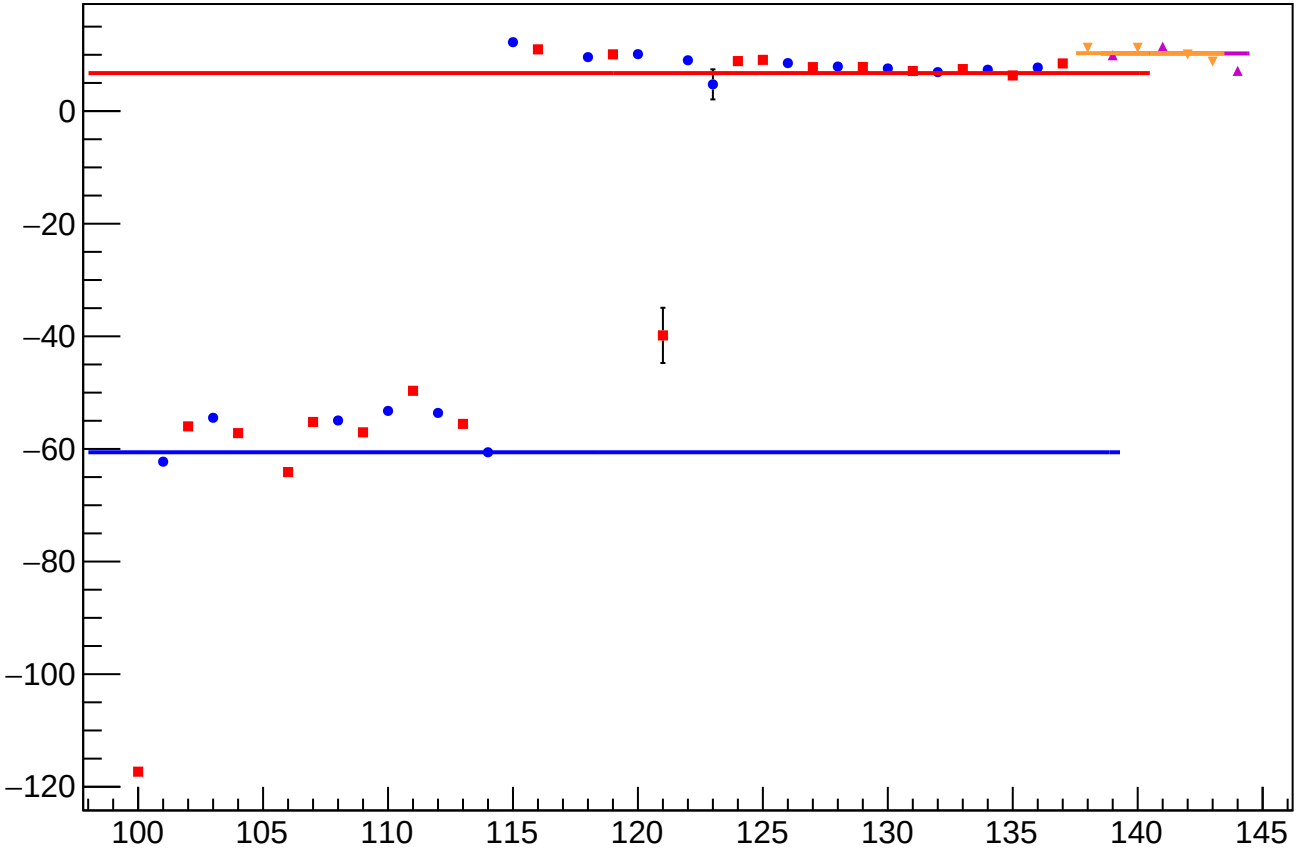
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:19653421.5/19

Out: -52.740+/-0.002 χ^2/NDF:87954.0/22

All: -38.539+/-0.000 χ^2/NDF: 83979345.8/42

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 10.291+/-0.014 χ^2/NDF:5288.3/3

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 10.244+/-0.018 χ^2/NDF:2931.2/2

Left: 10.273+/-0.011 χ^2/NDF: 8223.6/6

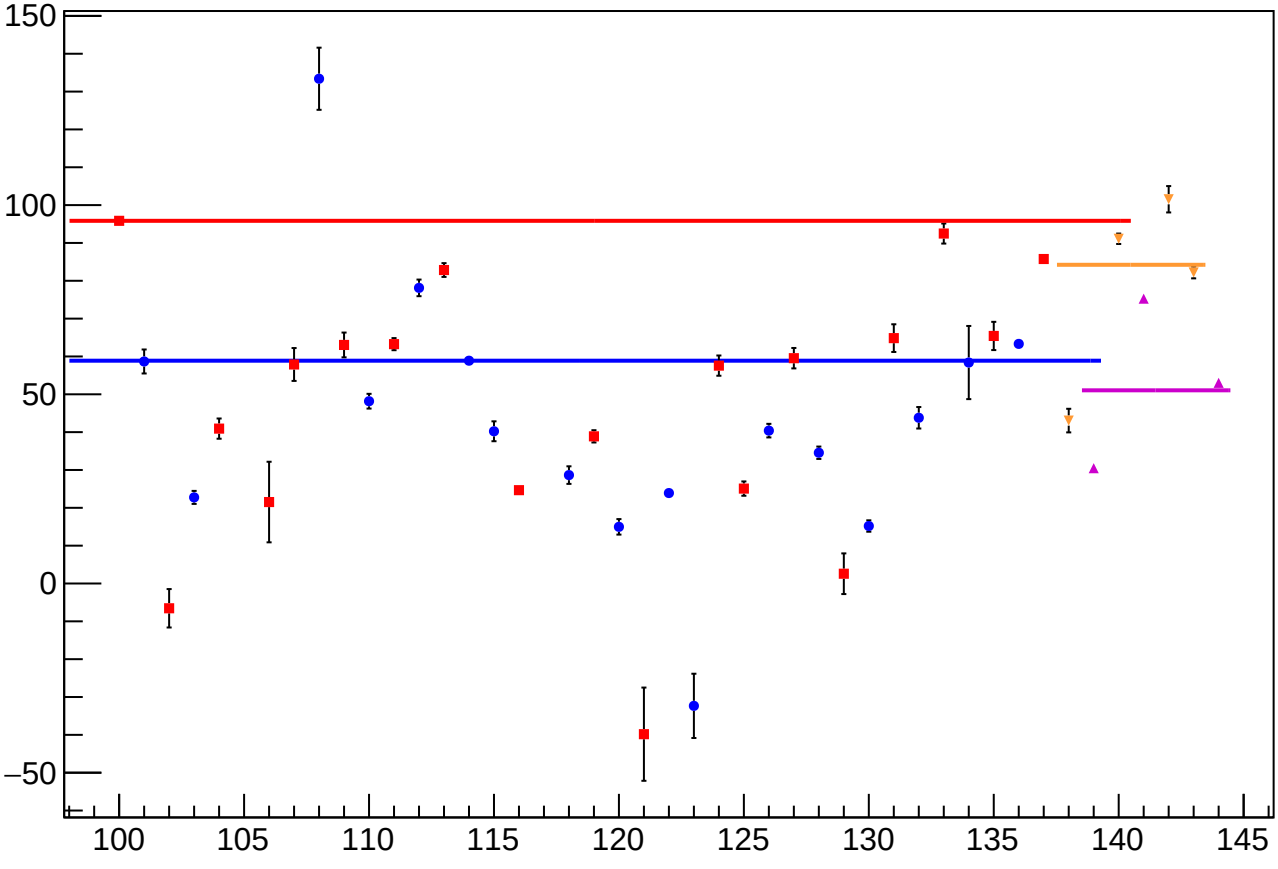
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:41409705.2/19

Out: 8.076+/-0.009 χ^2/NDF:1310645.1/22

All: -60.594+/-0.000 χ^2/NDF: 104885129.9/4

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 84.225+/-0.945 χ^2/NDF:225.7/3

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 51.052+/-0.592 χ^2/NDF:905.7/2

Left: 60.415+/-0.502 χ^2/NDF: 2016.2/6

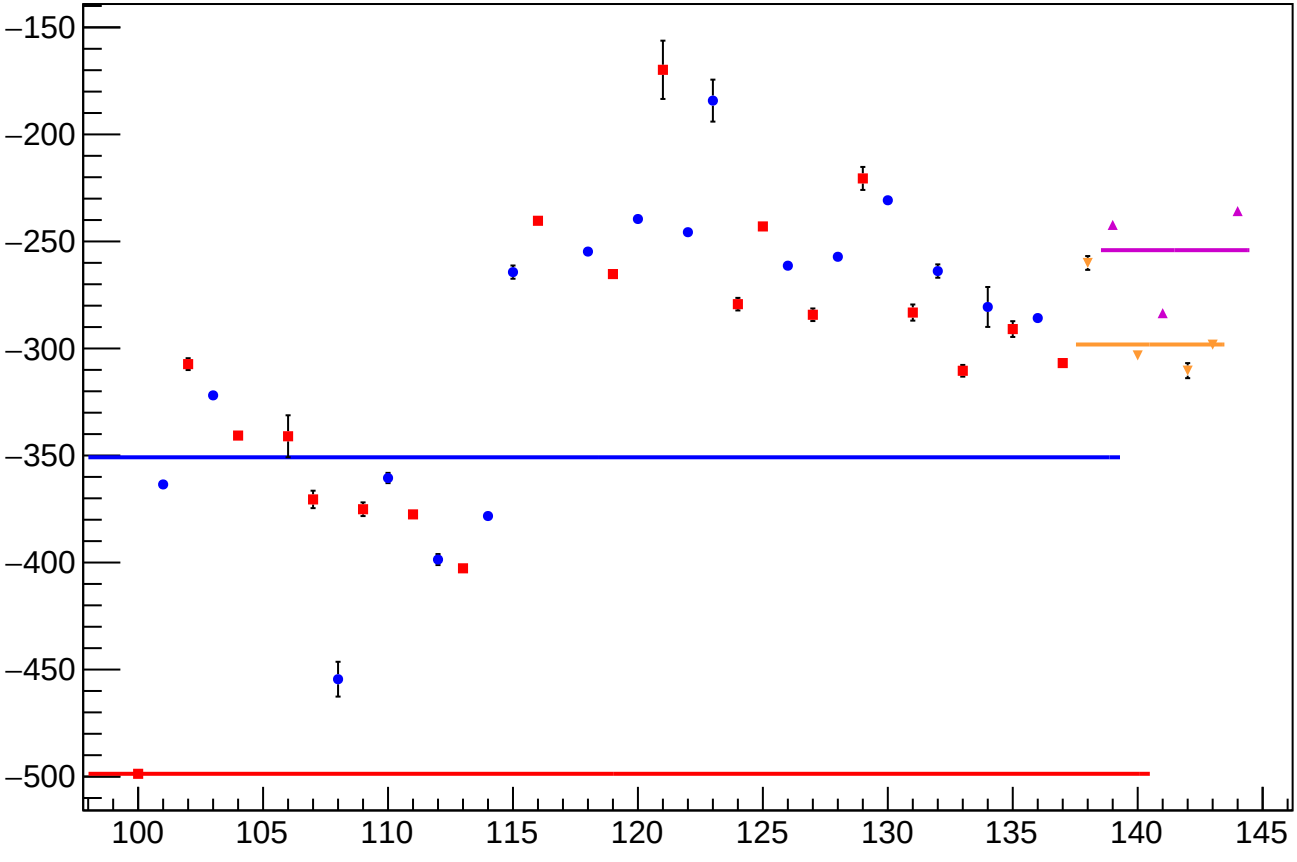
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:4894.9/19

Out: 95.846+/-0.000 χ^2/NDF:39762.0/22

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: -298.141+/-0.949 χ^2/NDF:164.6/3

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -254.075+/-0.631 χ^2/NDF:1068.9/2

Left: -267.565+/-0.525 χ^2/NDF: 2728.2/6

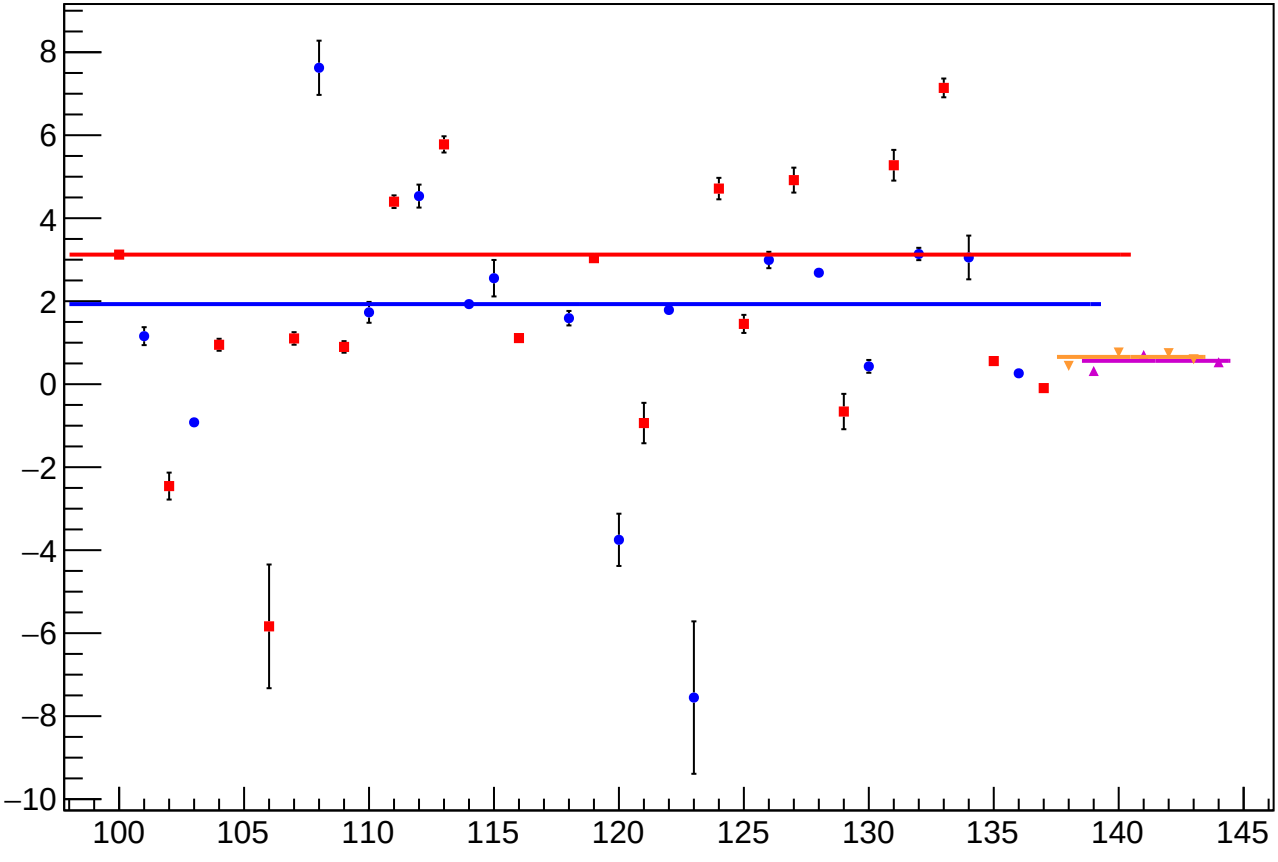
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -338.186+/-0.228 χ^2/NDF:62833.8/19

Out: -498.692+/-0.000 χ^2/NDF:556655.8/22

All: -498.692+/-0.000 χ^2/NDF: 1115093.3/42

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.657+/-0.006 χ^2/NDF:314.2/3

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.563+/-0.004 χ^2/NDF:1433.6/2

Left: 0.593+/-0.003 χ^2/NDF: 1932.5/6

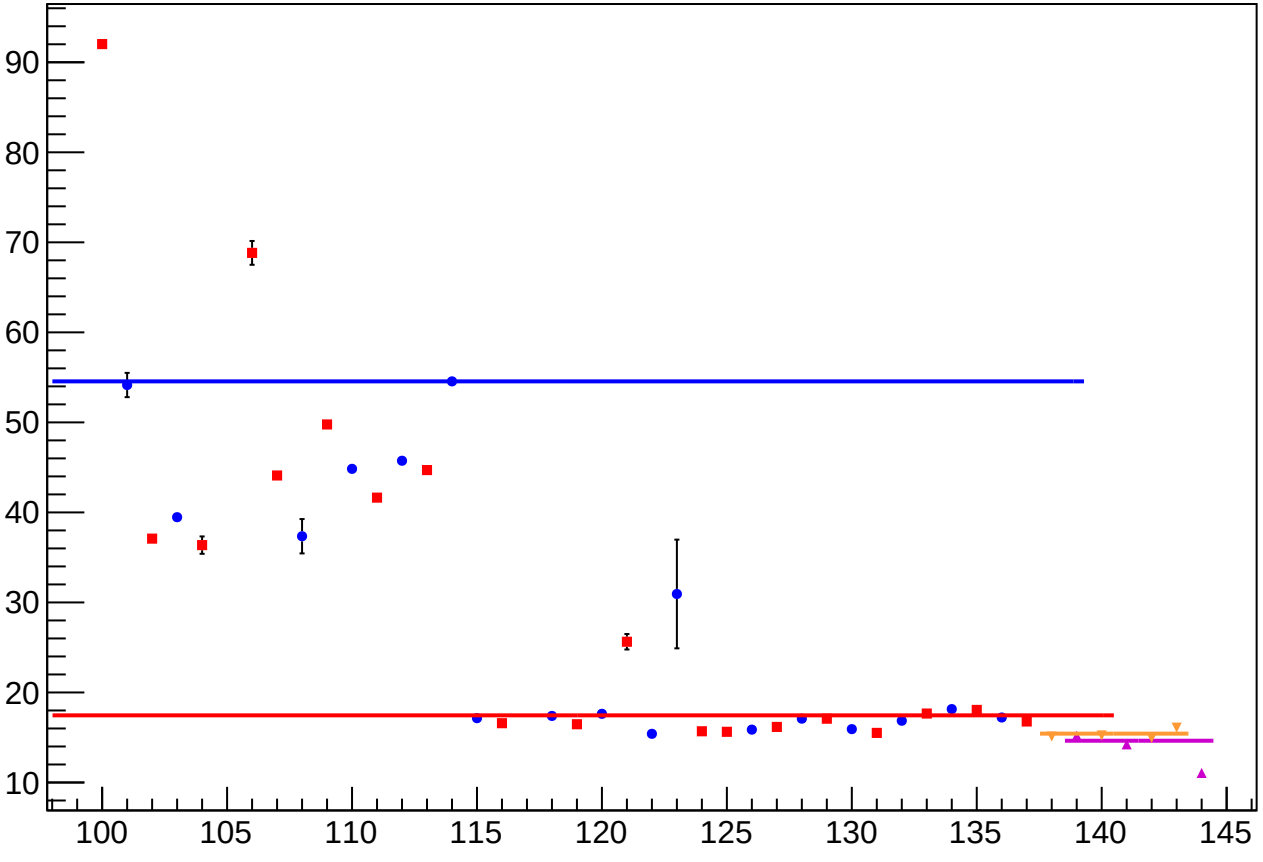
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:182338.6/19

Out: 3.123+/-0.000 χ^2/NDF:697605.7/22

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: 15.428+/-0.017 χ^2/NDF:630.5/3

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 14.638+/-0.023 χ^2/NDF:1891.9/2

Left: 15.134+/-0.014 χ^2/NDF: 3287.9/6

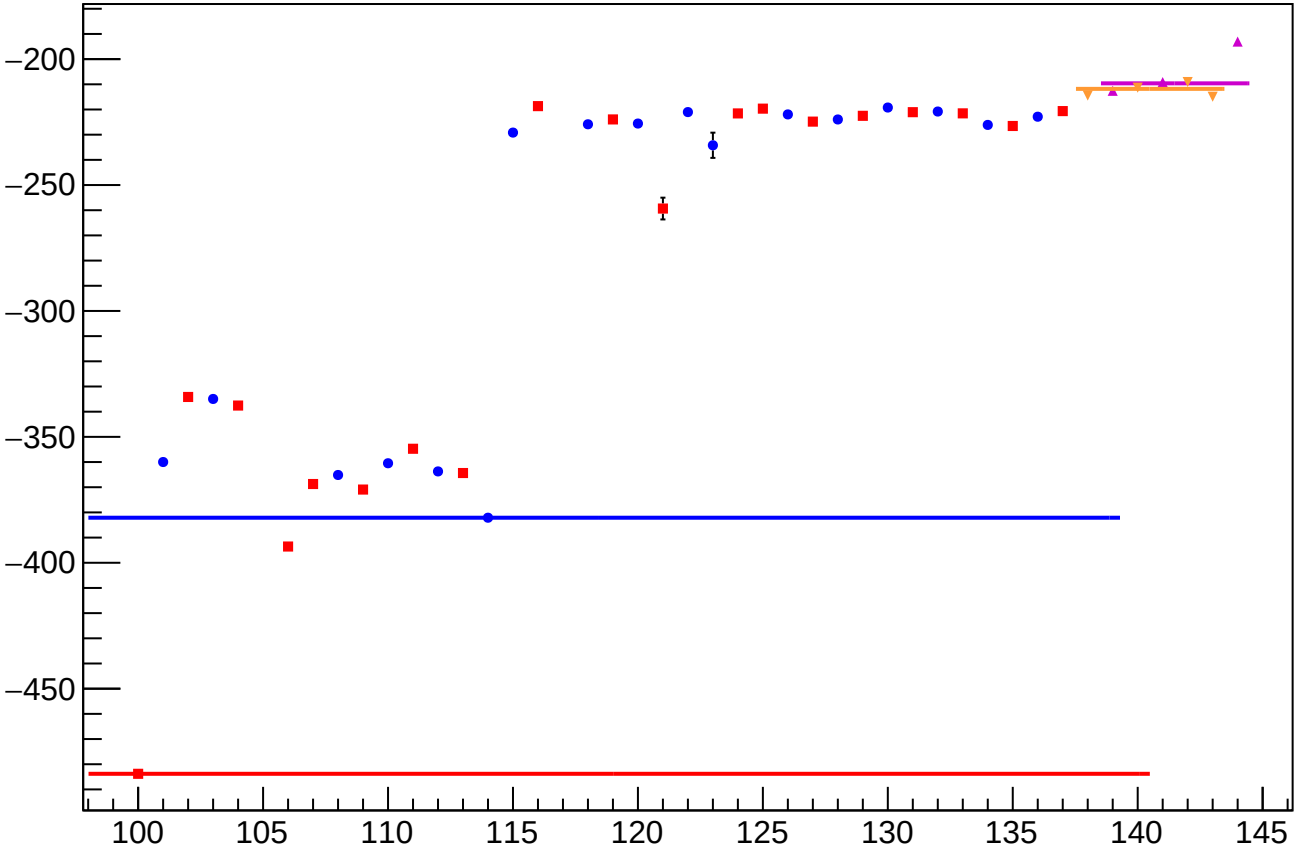
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:10359668.9/19

Out: 16.393+/-0.013 χ^2/NDF:106413.0/22

All: 54.556+/-0.000 χ^2/NDF: 19633740.8/42

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -211.808+/-0.040 χ^2/NDF:3353.3/3

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -209.615+/-0.043 χ^2/NDF:3225.8/2

Left: -210.788+/-0.029 χ^2/NDF: 7961.4/6

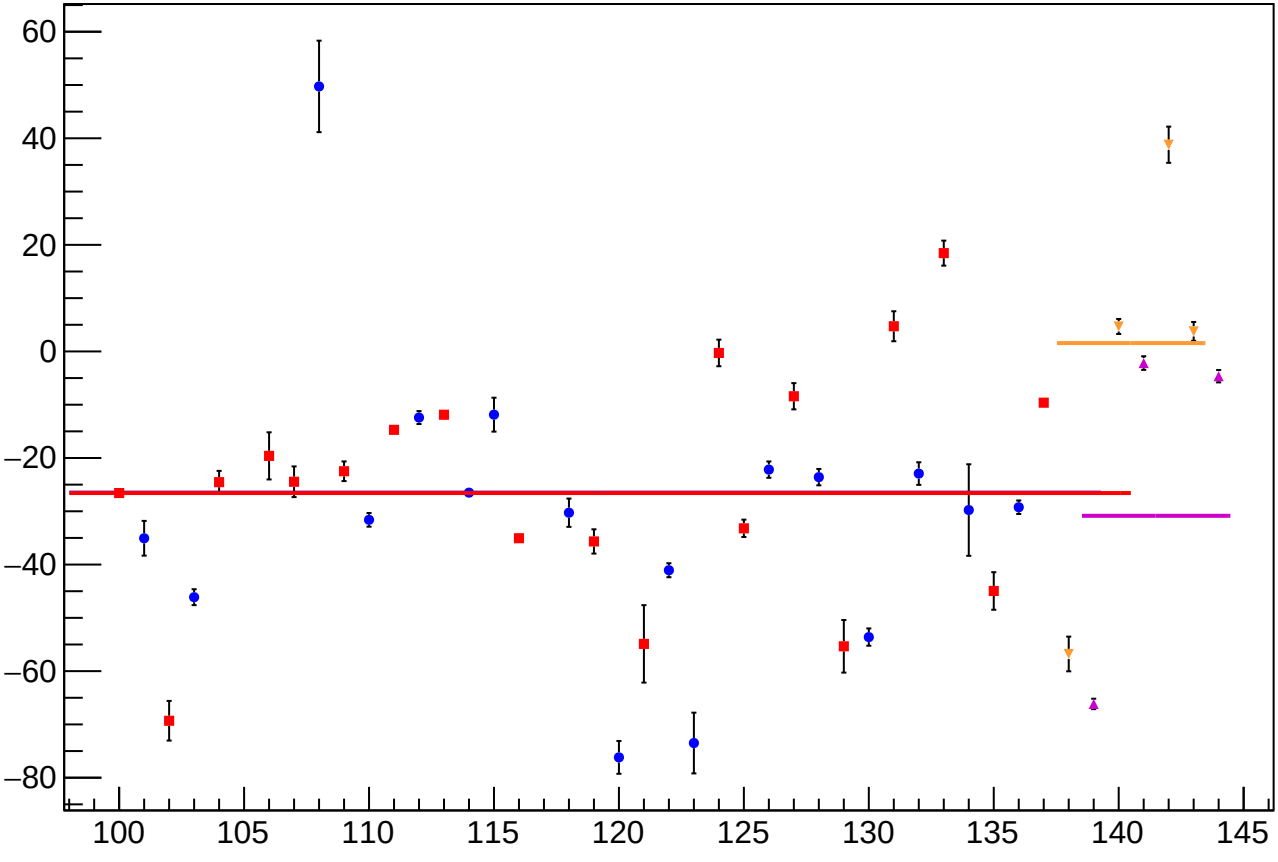
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:34393594.1/19

Out: -483.800+/-0.000 χ^2/NDF:70078961.6/22

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: 1.565+/-0.997 χ^2/NDF:448.1/3

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -30.845+/-0.646 χ^2/NDF:2314.6/2

Left: -21.265+/-0.542 χ^2/NDF: 3507.3/6

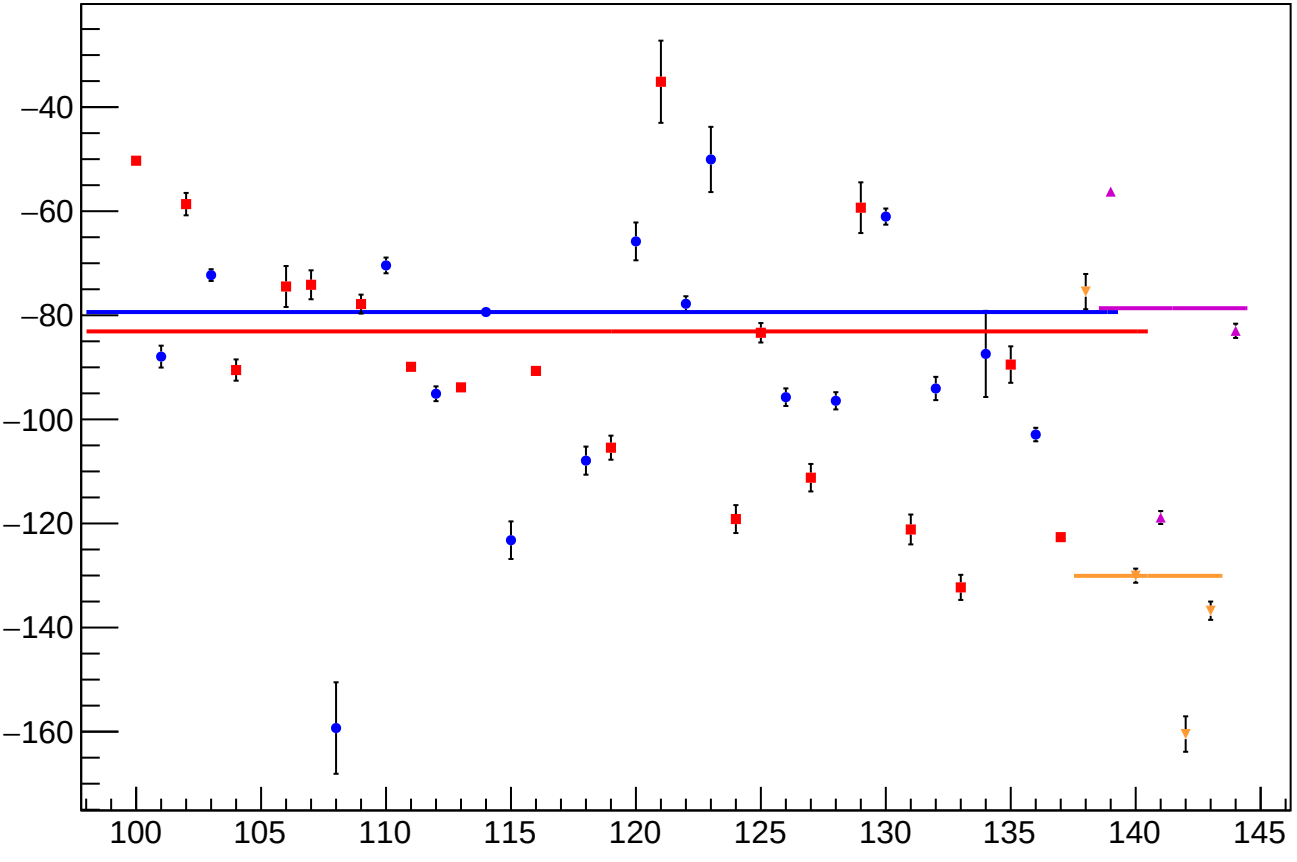
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:3540.4/19

Out: -26.577+/-0.000 χ^2/NDF:3886.1/22

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: -130.062+/-0.982 χ^2/NDF:354.6/3

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -78.638+/-0.642 χ^2/NDF:1676.8/2

Left: -94.042+/-0.537 χ^2/NDF: 3953.4/6

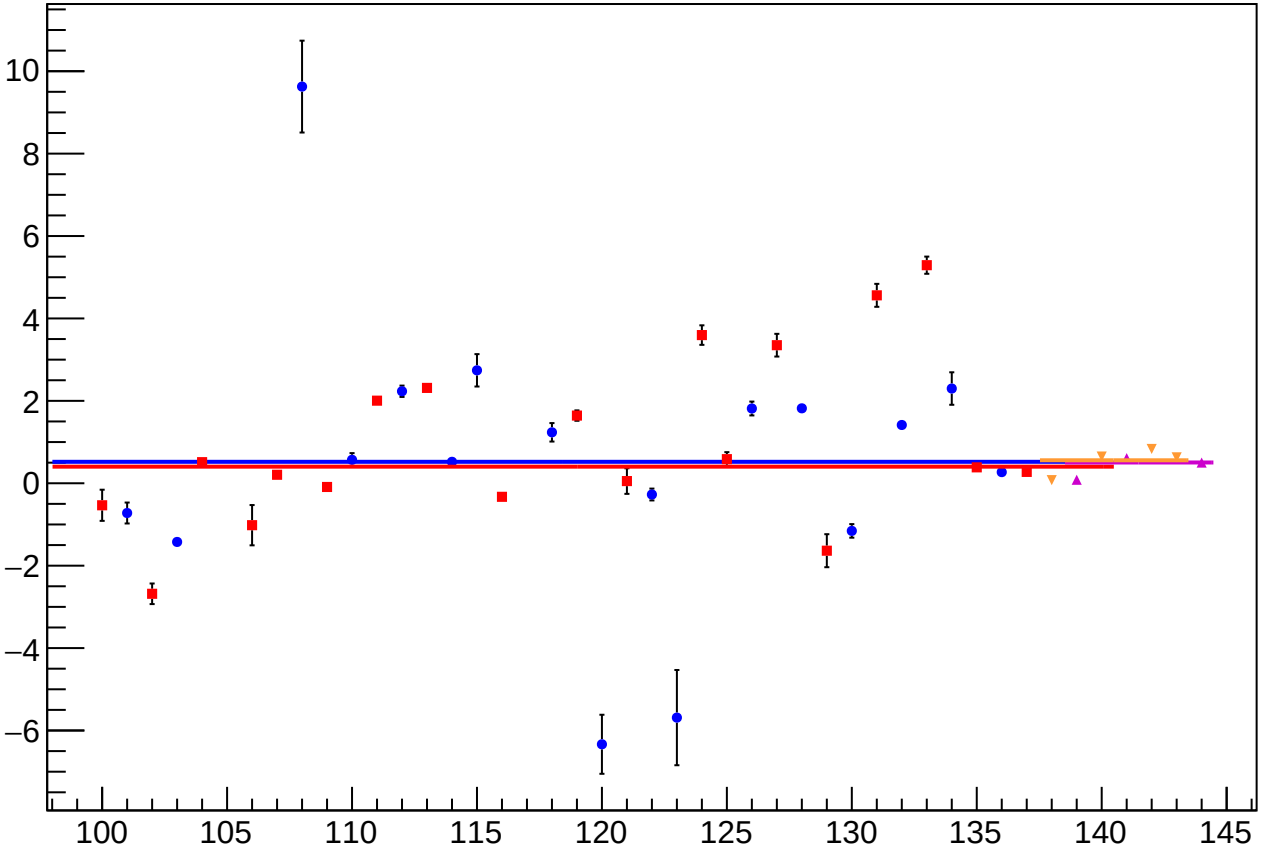
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:2982.8/19

Out: -84.597+/-0.175 χ^2/NDF:14486.0/22

All: -79.376+/-0.000 χ^2/NDF: 18355.5/42

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.558+/-0.007 χ^2/NDF:979.2/3

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.504+/-0.003 χ^2/NDF:2615.1/2

Left: 0.514+/-0.003 χ^2/NDF: 3639.1/6

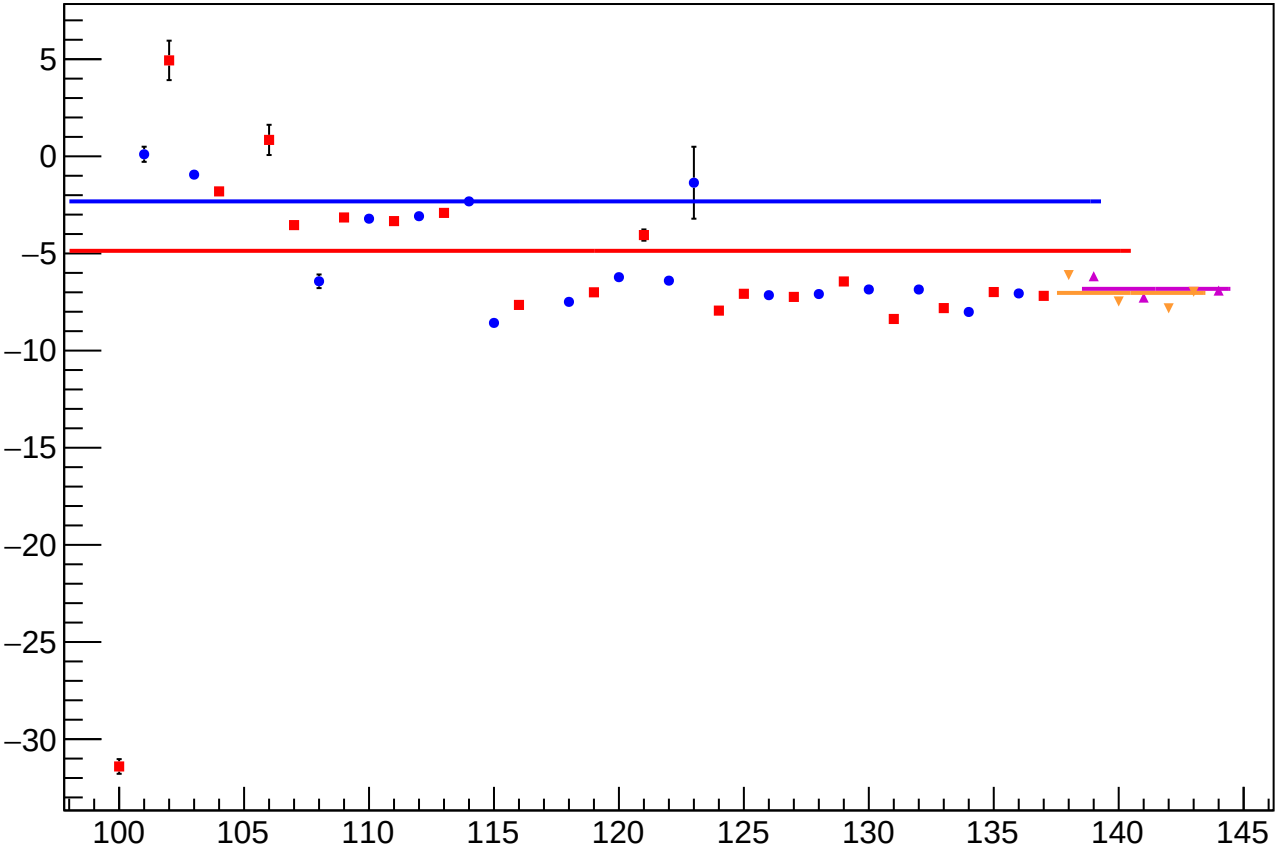
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:6008.6/19

Out: 0.511+/-0.006 χ^2/NDF:3847.2/22

All: 0.521+/-0.000 χ^2/NDF: 9858.5/42

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -7.030+/-0.016 χ^2/NDF:1092.0/3

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.822+/-0.008 χ^2/NDF:2069.8/2

Left: -6.864+/-0.007 χ^2/NDF: 3292.7/6

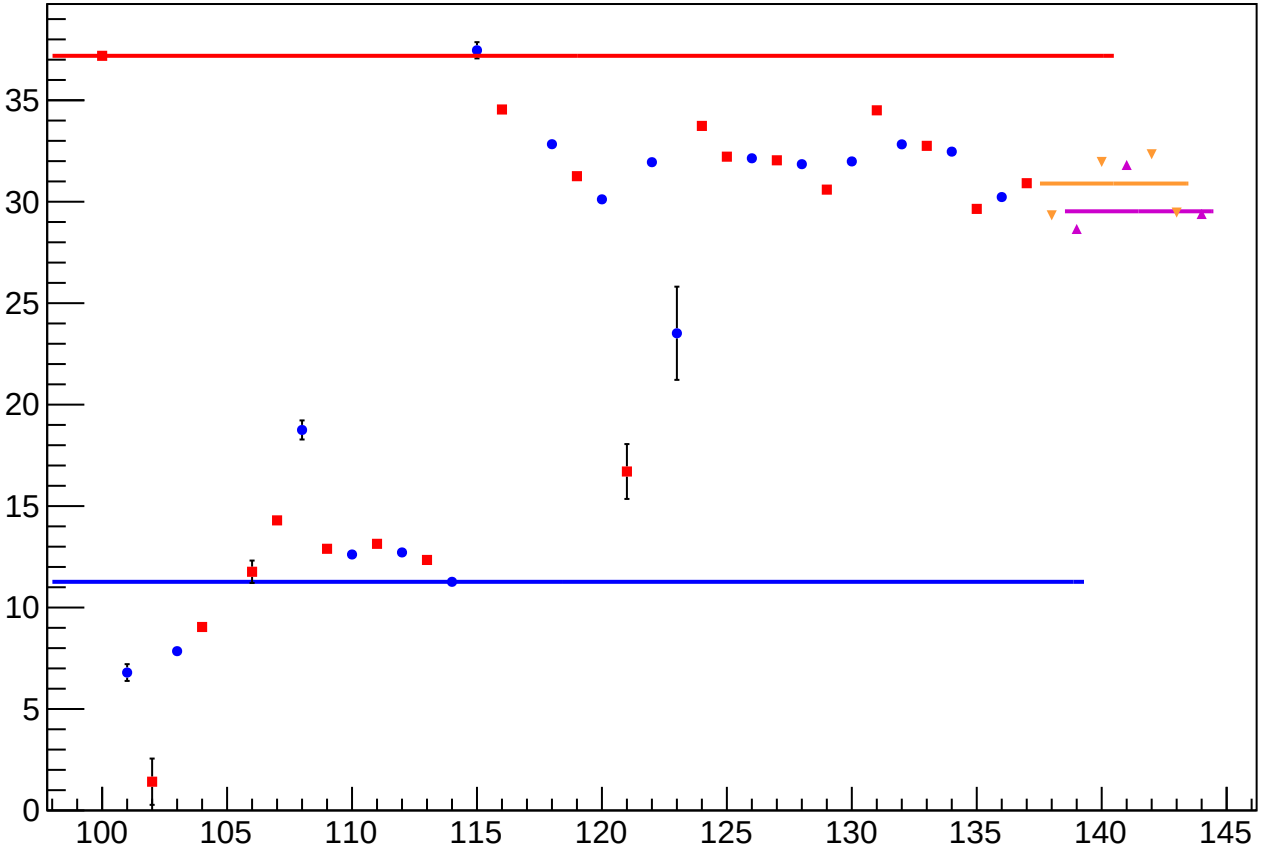
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:570338.1/19

Out: -5.485+/-0.009 χ^2/NDF:63139.3/22

All: -2.320+/-0.000 χ^2/NDF: 765826.5/42

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 30.896+/-0.035 χ^2/NDF:1391.9/3

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.528+/-0.029 χ^2/NDF:1418.8/2

Left: 30.091+/-0.022 χ^2/NDF: 3710.3/6

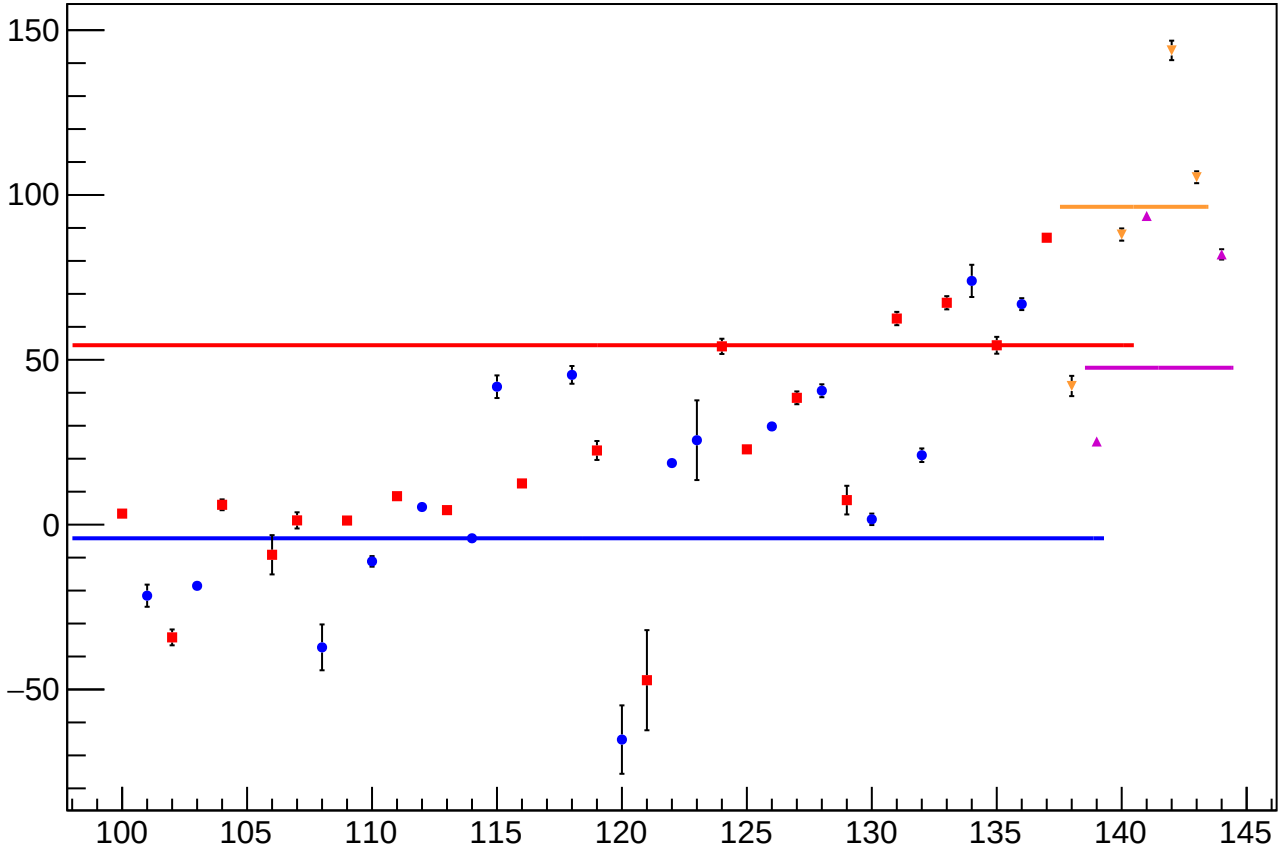
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:1348573.3/19

Out: 37.191+/-0.000 χ^2/NDF:1155694.1/22

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: 96.416+/-1.106 χ^2/NDF:616.1/3

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 47.594+/-0.588 χ^2/NDF:2708.7/2

Left: 58.352+/-0.519 χ^2/NDF: 4844.3/6

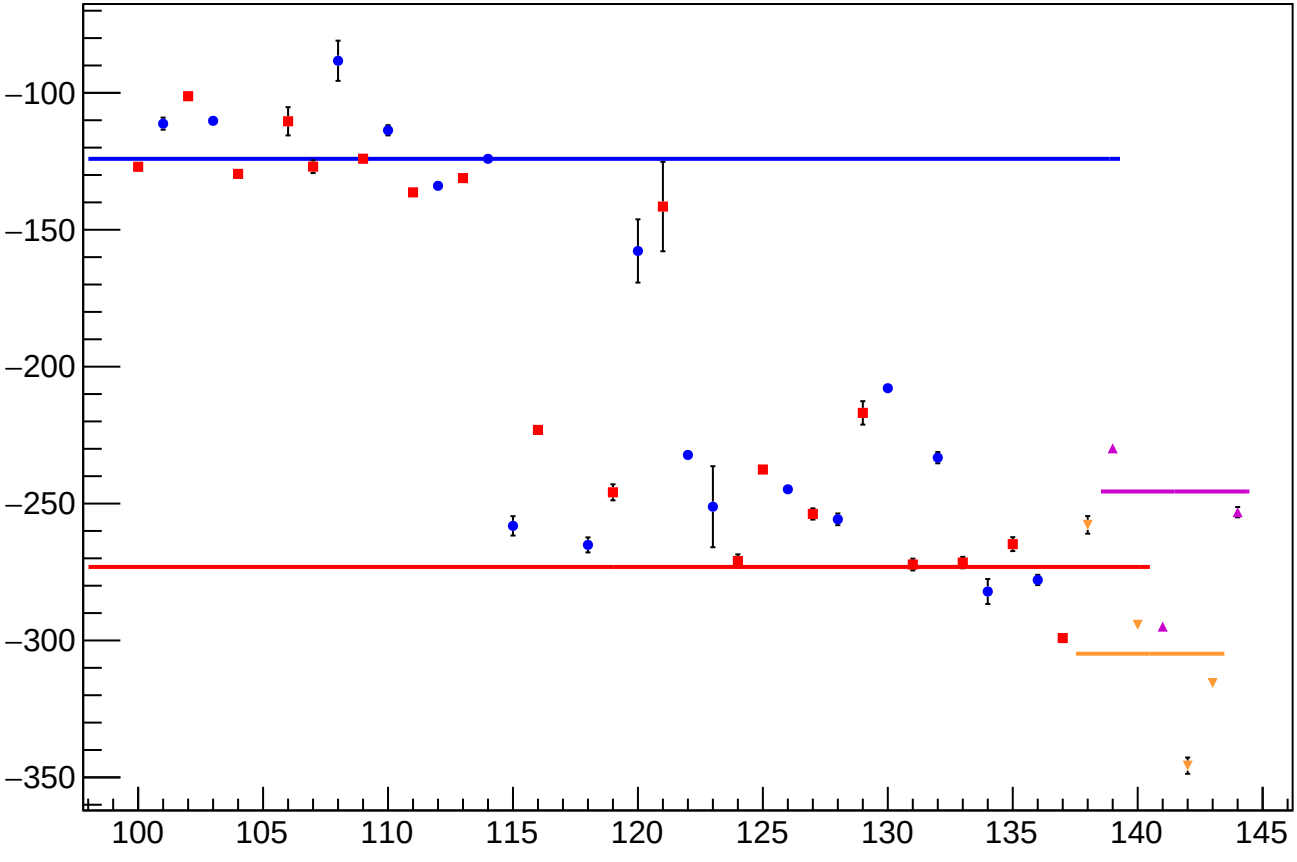
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:15106.1/19

Out: 55.399+/-0.168 χ^2/NDF:56023.1/22

All: -4.139+/-0.000 χ^2/NDF: 196365.1/42

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -304.840+/-1.102 χ^2/NDF:471.6/3

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -245.590+/-0.569 χ^2/NDF:2127.2/2

Left: -258.062+/-0.506 χ^2/NDF: 4881.4/6

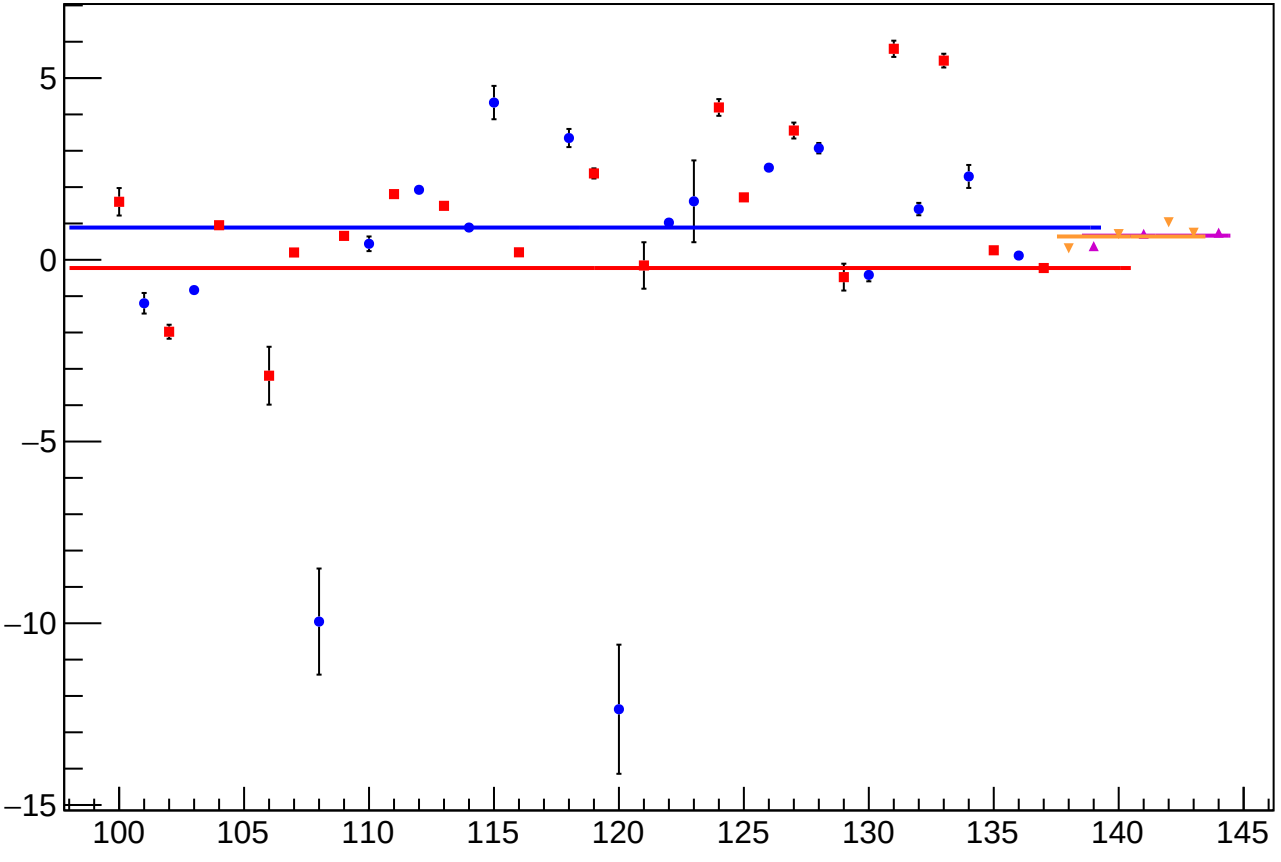
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:85876.4/19

Out: -273.472+/-0.112 χ^2/NDF:281432.3/22

All: -124.095+/-0.000 χ^2/NDF: 2141877.3/42

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.642+/-0.008 χ^2/NDF:969.2/3

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.665+/-0.005 χ^2/NDF:748.8/2

Left: 0.658+/-0.004 χ^2/NDF: 1724.1/6

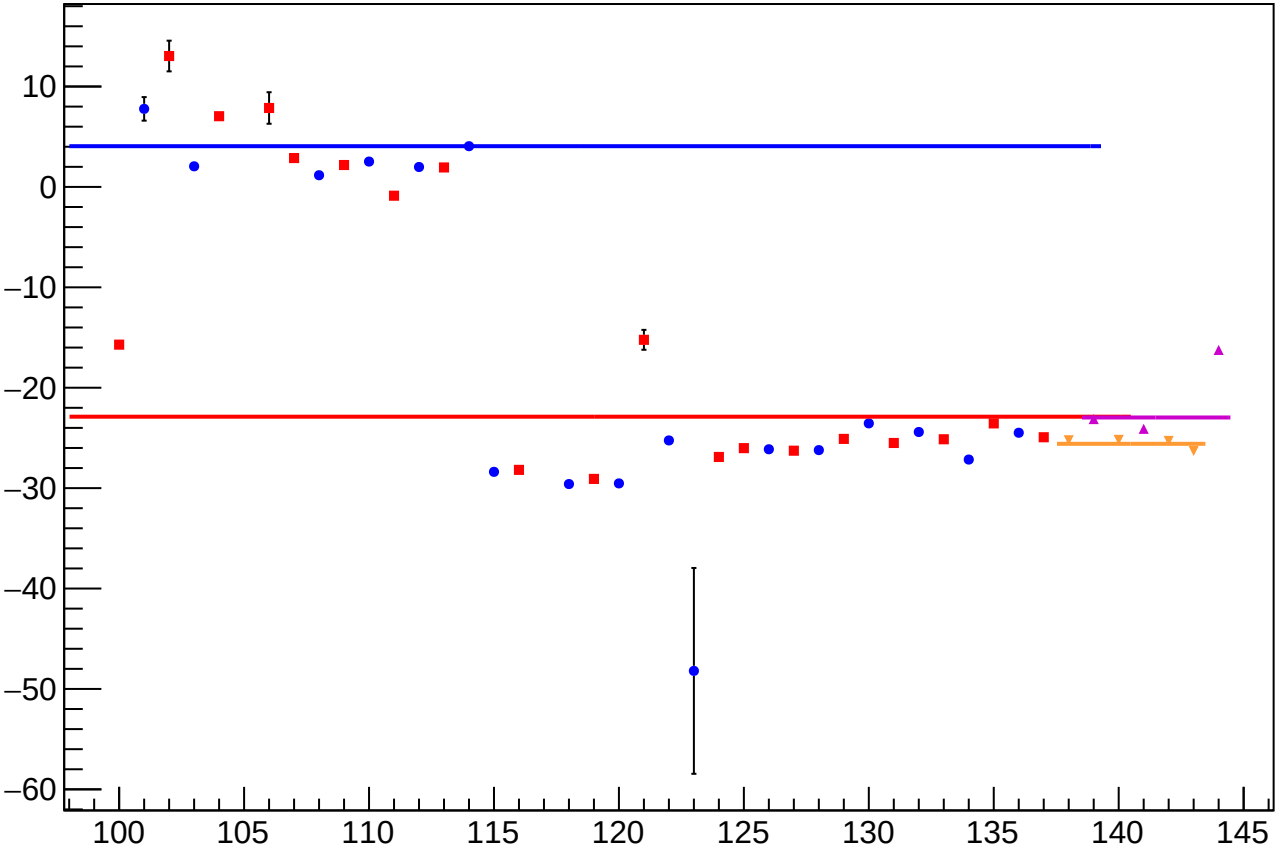
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:11187.1/19

Out: -0.226+/-0.000 χ^2/NDF:18692.7/22

All: 0.888+/-0.000 χ^2/NDF: 422225031.0/42

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -25.585+/-0.047 χ^2/NDF:107.0/3

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -22.964+/-0.059 χ^2/NDF:1212.5/2

Left: -24.574+/-0.037 χ^2/NDF: 2519.8/6

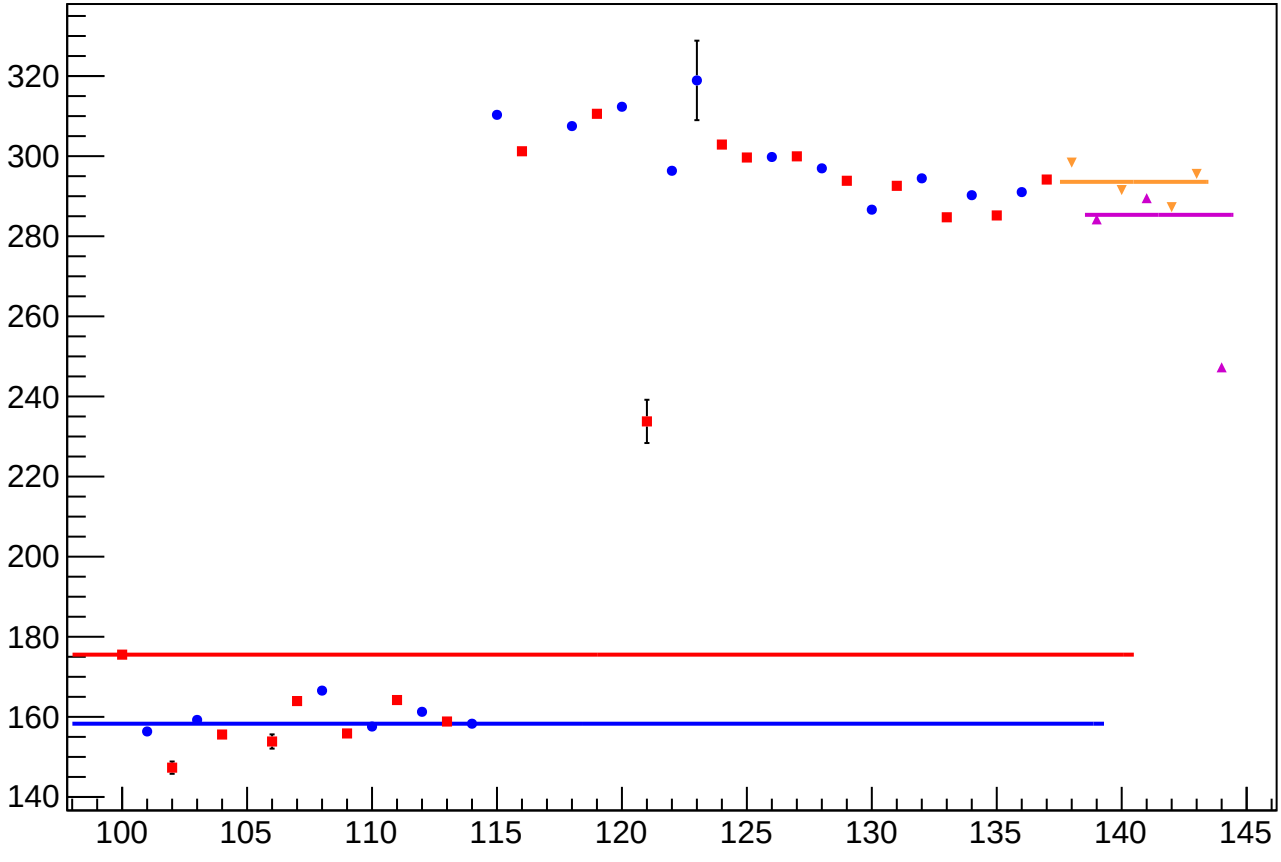
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:1456733.7/19

Out: -23.530+/-0.023 χ^2/NDF:119128.7/22

All: 4.057+/-0.000 χ^2/NDF: 3018888.6/42

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 293.588+/-0.092 χ^2/NDF:1853.4/3

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 285.349+/-0.189 χ^2/NDF:1794.4/2

Left: 292.003+/-0.083 χ^2/NDF: 5185.2/6

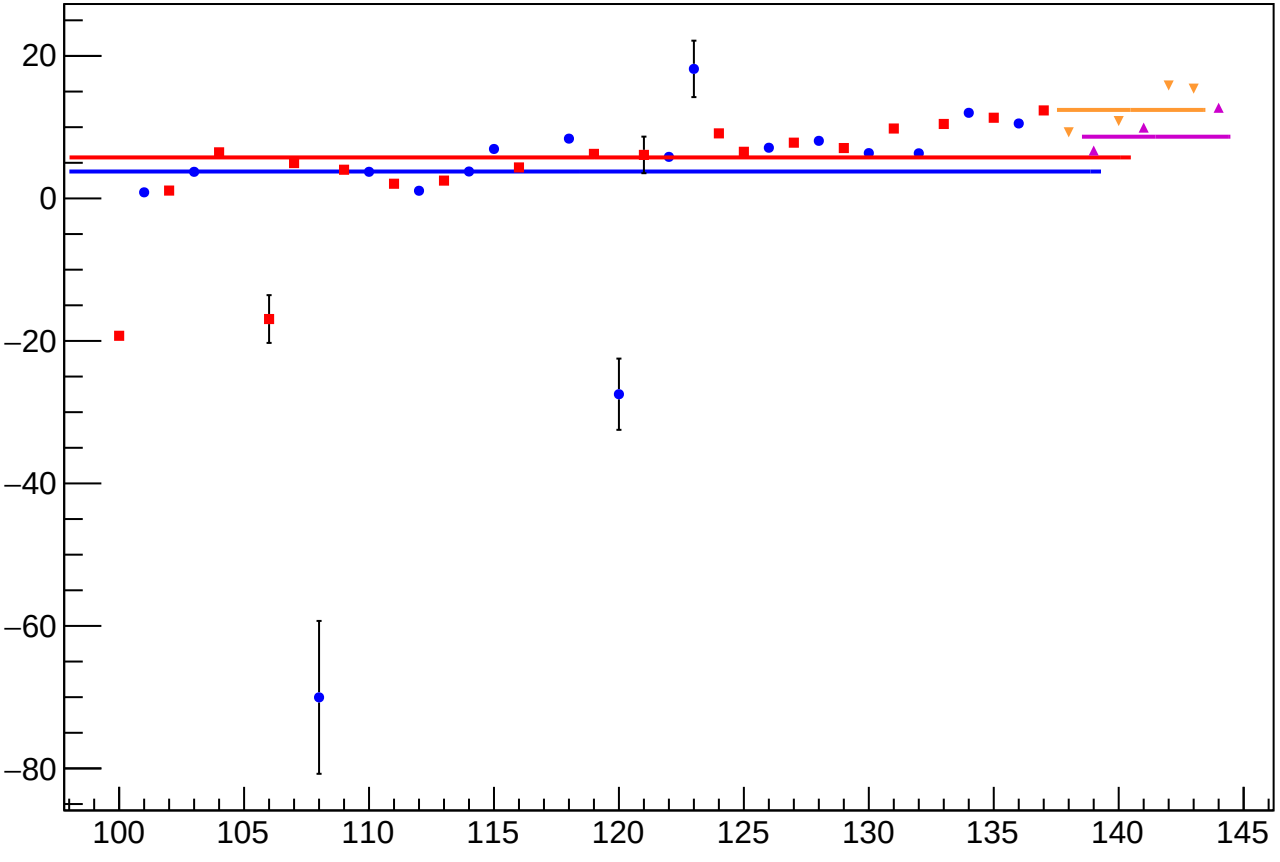
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:2865341.8/19

Out: 175.536+/-0.000 χ^2/NDF:3743247.8/22

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: 12.424+/-0.124 χ^2/NDF:412.8/3

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 8.665+/-0.062 χ^2/NDF:1202.5/2

Left: 9.424+/-0.056 χ^2/NDF: 2350.3/6

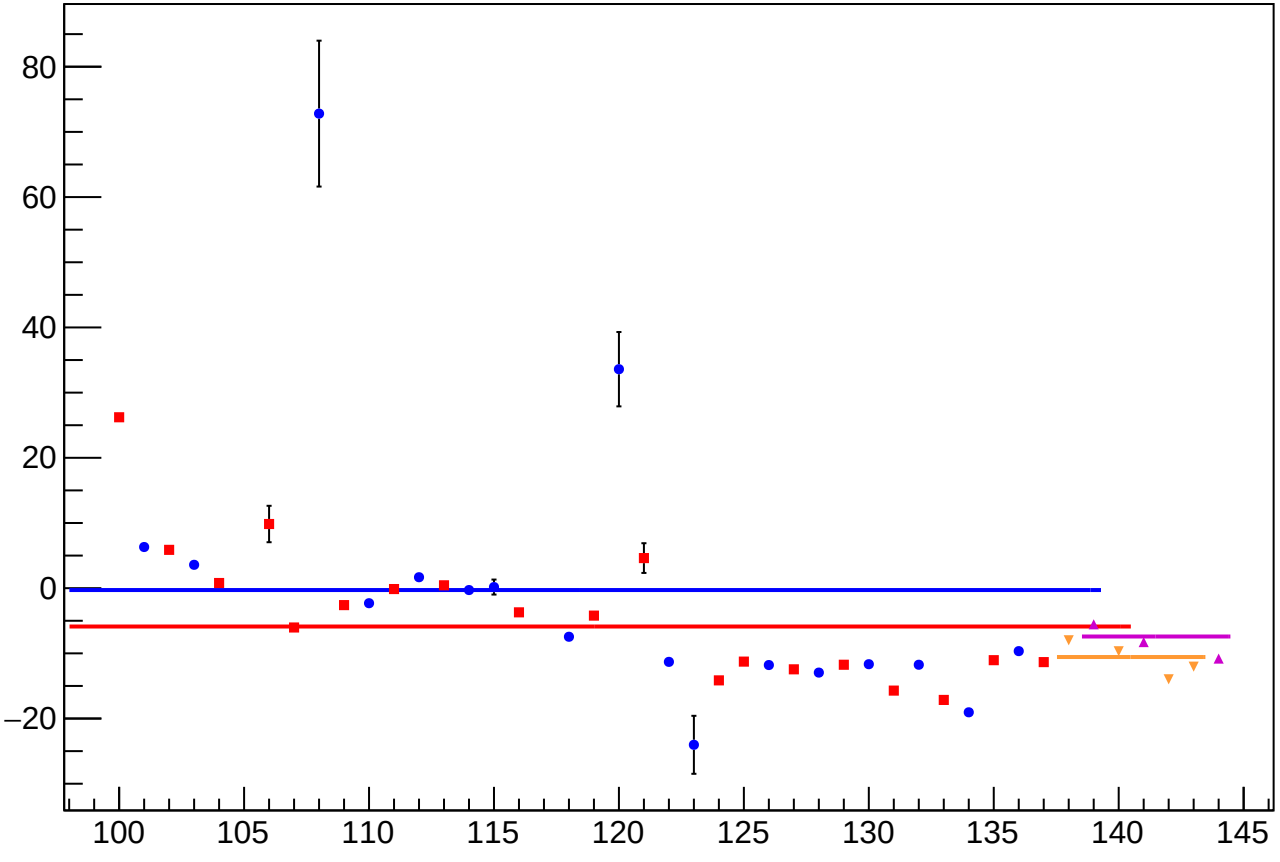
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:14223.7/19

Out: 6.032+/-0.025 χ^2/NDF:25482.0/22

All: 3.778+/-0.000 χ^2/NDF: 47692.4/42

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -10.563+/-0.124 χ^2/NDF:203.7/3

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -7.415+/-0.066 χ^2/NDF:828.5/2

Left: -8.111+/-0.058 χ^2/NDF: 1531.3/6

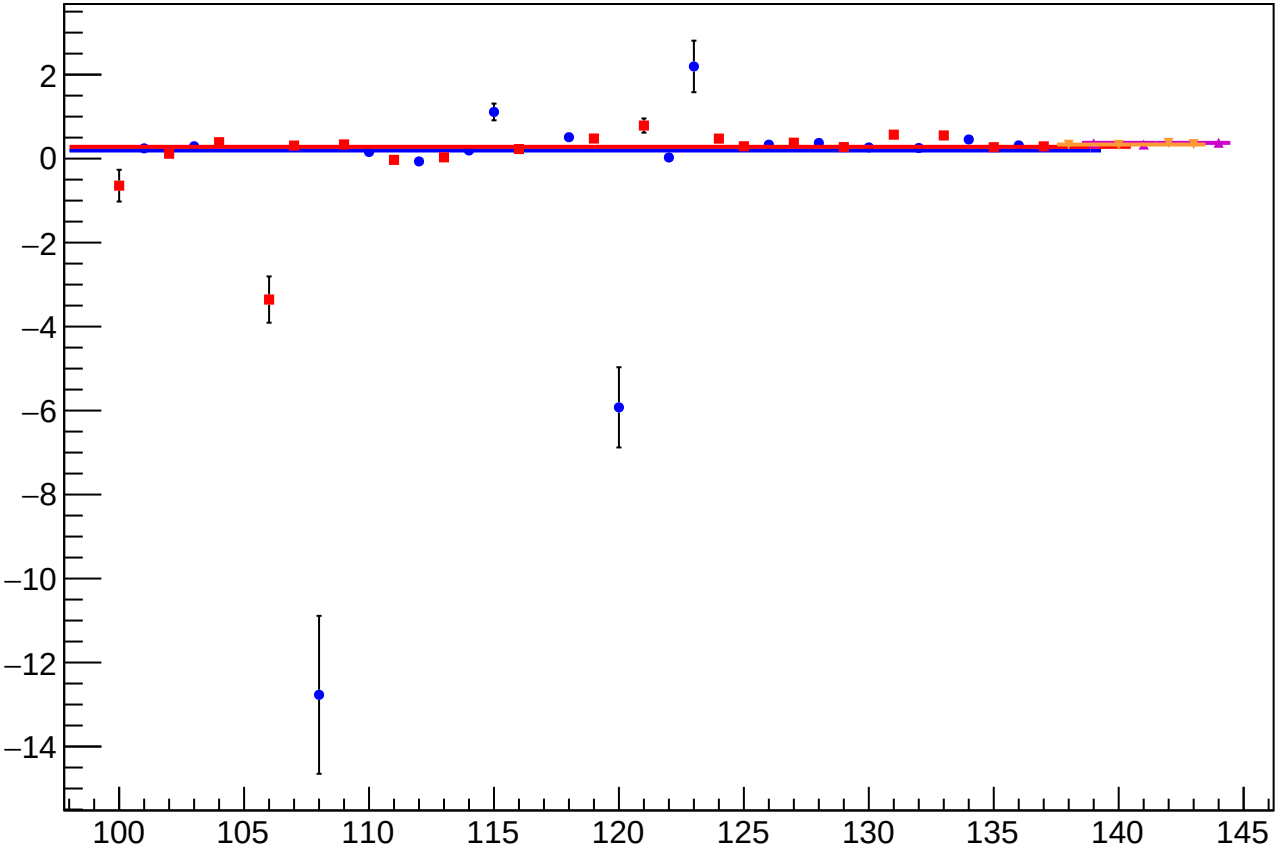
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:56673.0/19

Out: -6.096+/-0.027 χ^2/NDF:65049.7/22

All: -0.287+/-0.000 χ^2/NDF: 169489.4/42

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:79.5/3

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.375+/-0.001 χ^2/NDF:67.0/2

Left: 0.354+/-0.001 χ^2/NDF: 642.0/6

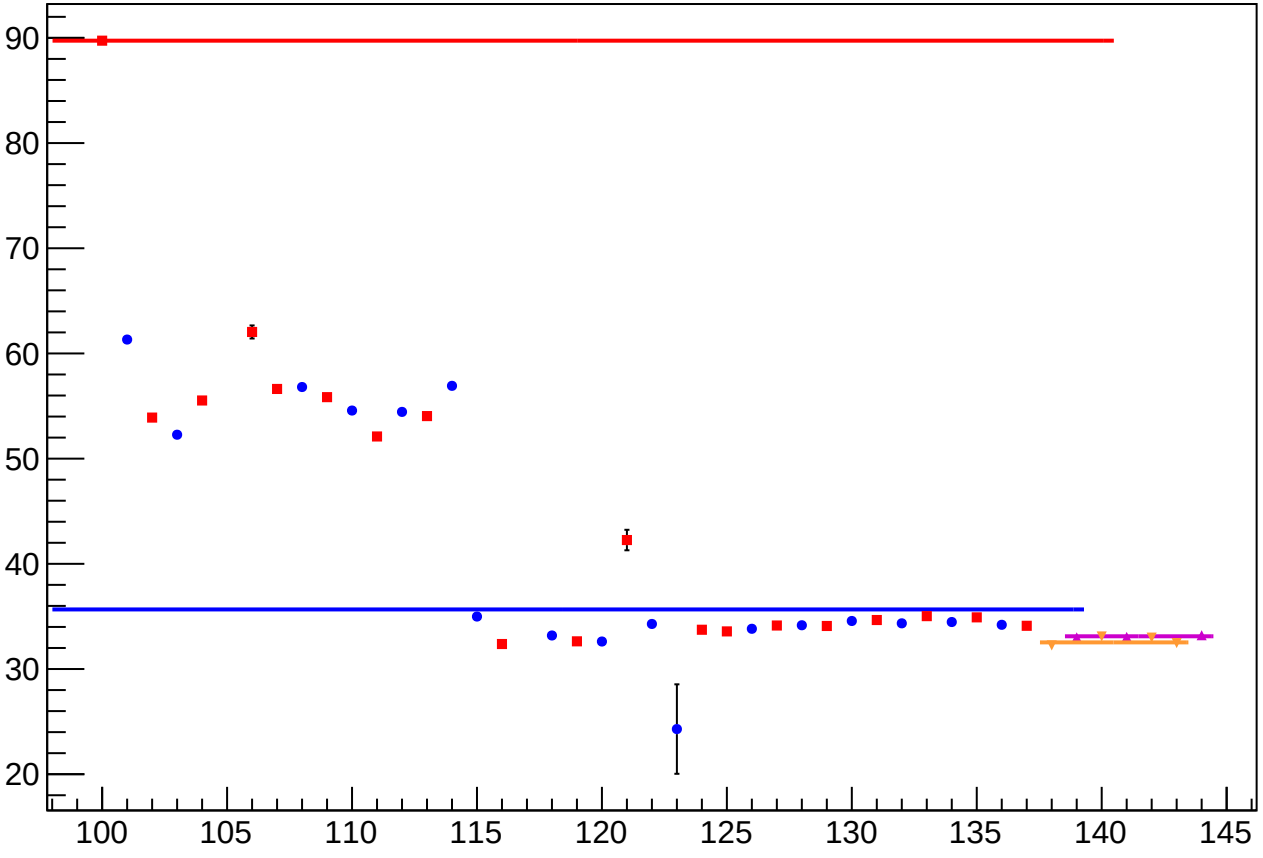
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:29688.6/19

Out: 0.313+/-0.001 χ^2/NDF:6952.7/22

All: 0.193+/-0.000 χ^2/NDF: 52812.5/42

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.532+/-0.015 χ^2/NDF:449.6/3

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 33.112+/-0.016 χ^2/NDF:33.9/2

Left: 32.802+/-0.011 χ^2/NDF: 1204.9/6

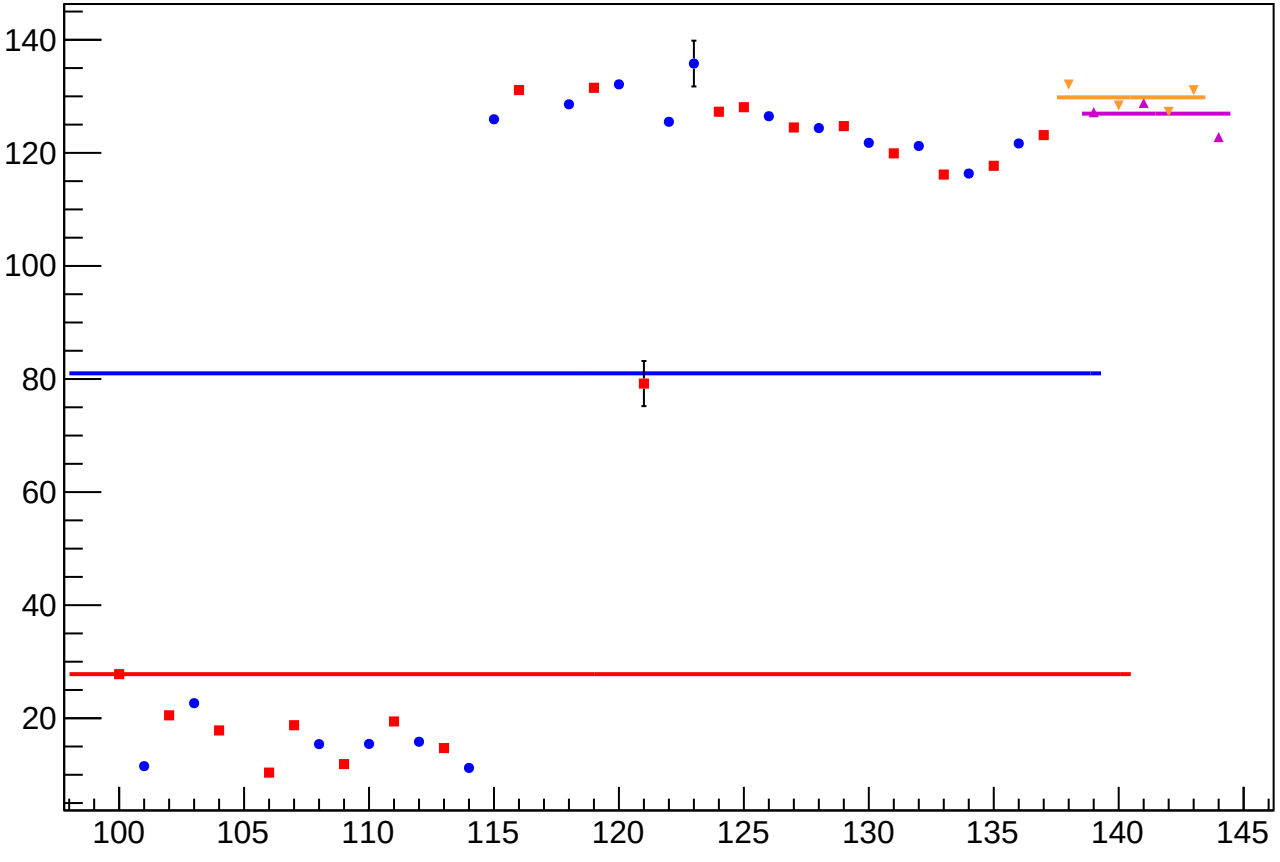
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 34.791+/-0.009 χ^2/NDF:235945.9/19

Out: 89.735+/-0.000 χ^2/NDF:40834854.1/22

All: 89.735+/-0.000 χ^2/NDF: 76585538.9/42

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 129.820+/-0.037 χ^2/NDF:2885.8/3

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 126.941+/-0.060 χ^2/NDF:1380.4/2

Left: 129.030+/-0.032 χ^2/NDF: 5920.8/6

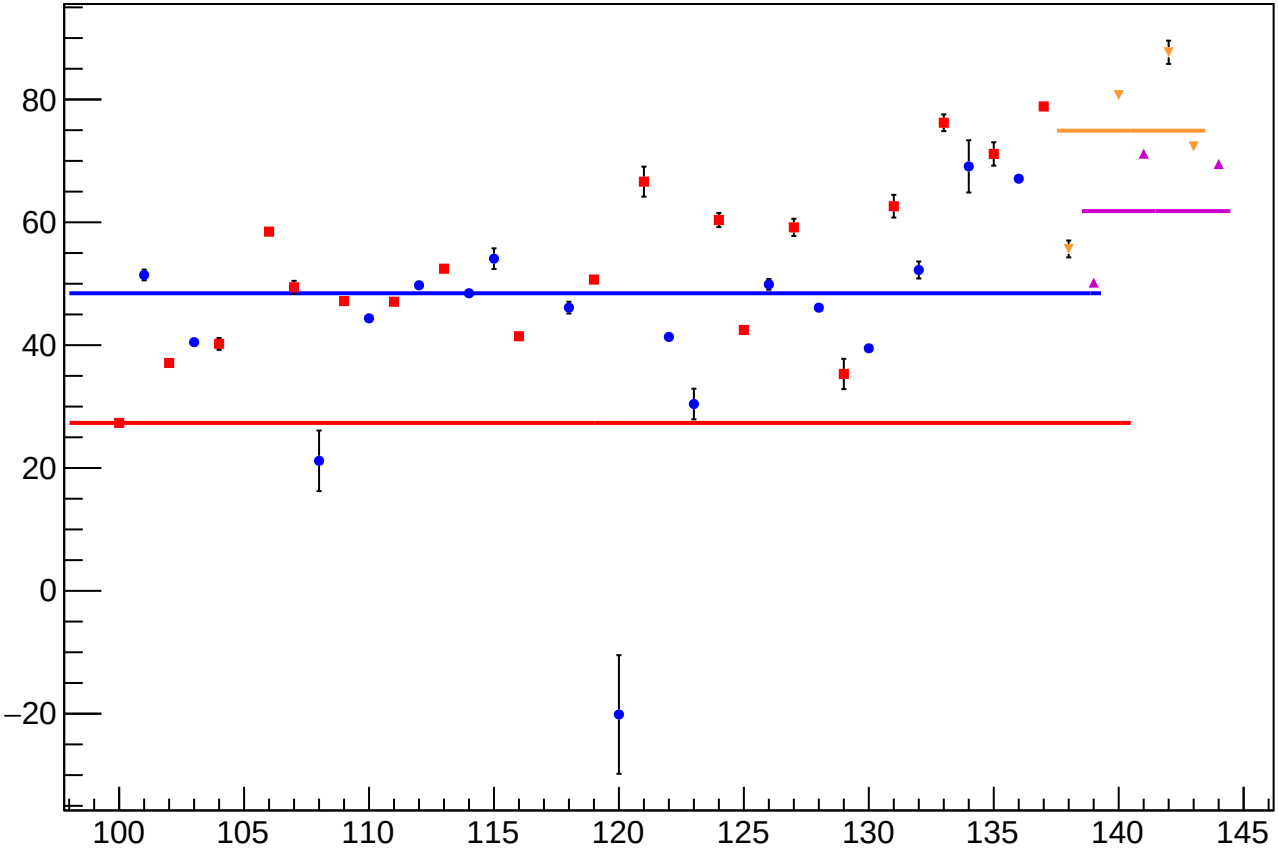
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 92.357+/-0.030 χ^2/NDF:2667551.6/19

Out: 27.798+/-0.000 χ^2/NDF:16764118.6/22

All: 27.798+/-0.000 χ^2/NDF: 24074106.9/42

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 74.919+/-0.485 χ^2/NDF:314.2/3

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 61.823+/-0.331 χ^2/NDF:917.6/2

Left: 65.996+/-0.274 χ^2/NDF: 1729.2/6

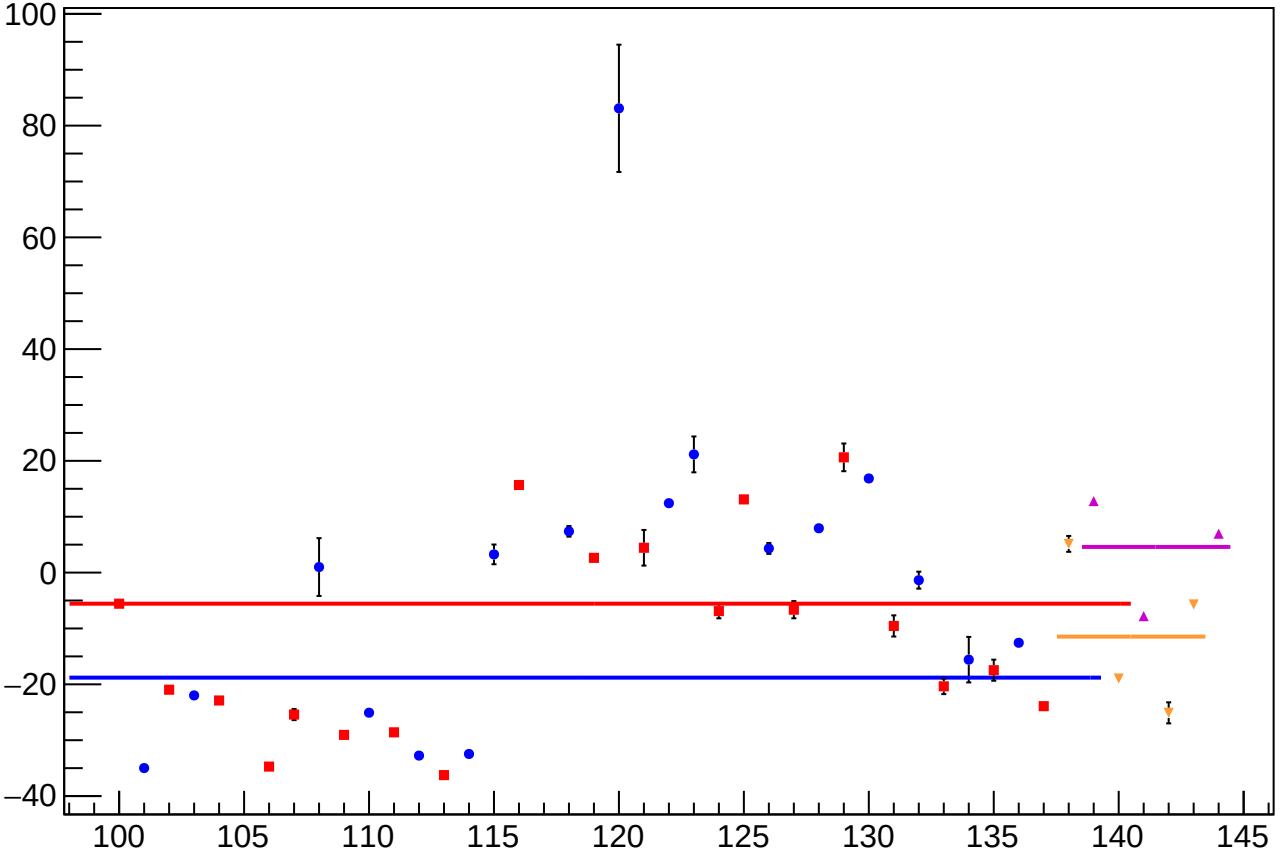
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:5296.9/19

Out: 27.342+/-0.000 χ^2/NDF:35760.9/22

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: -11.457+/-0.486 χ^2/NDF:345.9/3

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 4.592+/-0.326 χ^2/NDF:769.0/2

Left: -0.388+/-0.271 χ^2/NDF: 1866.8/6

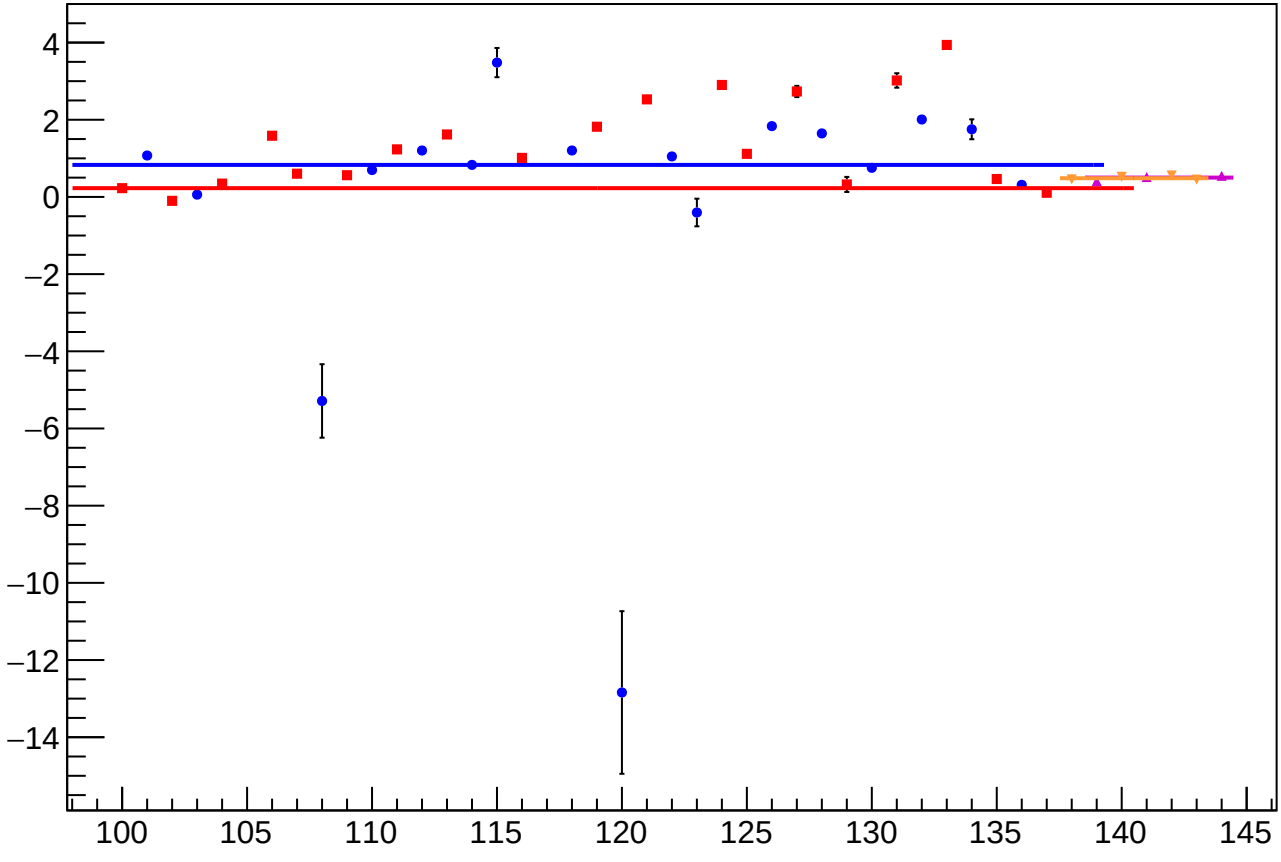
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -14.784+/-0.135 χ^2/NDF:16797.4/19

Out: -5.568+/-0.000 χ^2/NDF:23590.0/22

All: -5.568+/-0.000 χ^2/NDF: 45041.3/42

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.485+/-0.003 χ^2/NDF:202.8/3

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.501+/-0.003 χ^2/NDF:414.4/2

Left: 0.494+/-0.002 χ^2/NDF: 634.7/6

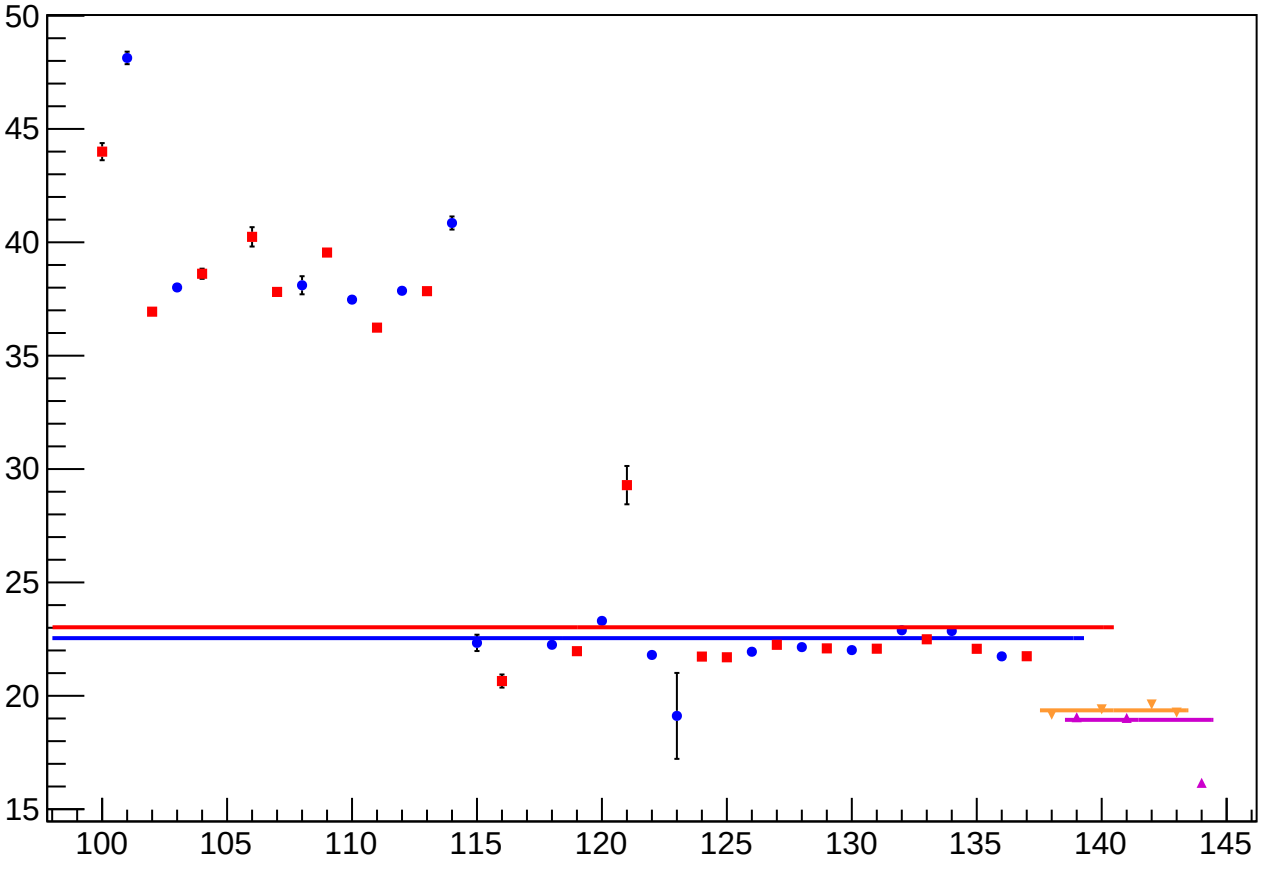
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:30765.1/19

Out: 0.227+/-0.000 χ^2/NDF:20402.2/22

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: 19.359+/-0.013 χ^2/NDF:134.7/3

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 18.940+/-0.016 χ^2/NDF:1054.8/2

Left: 19.200+/-0.010 χ^2/NDF: 1612.1/6

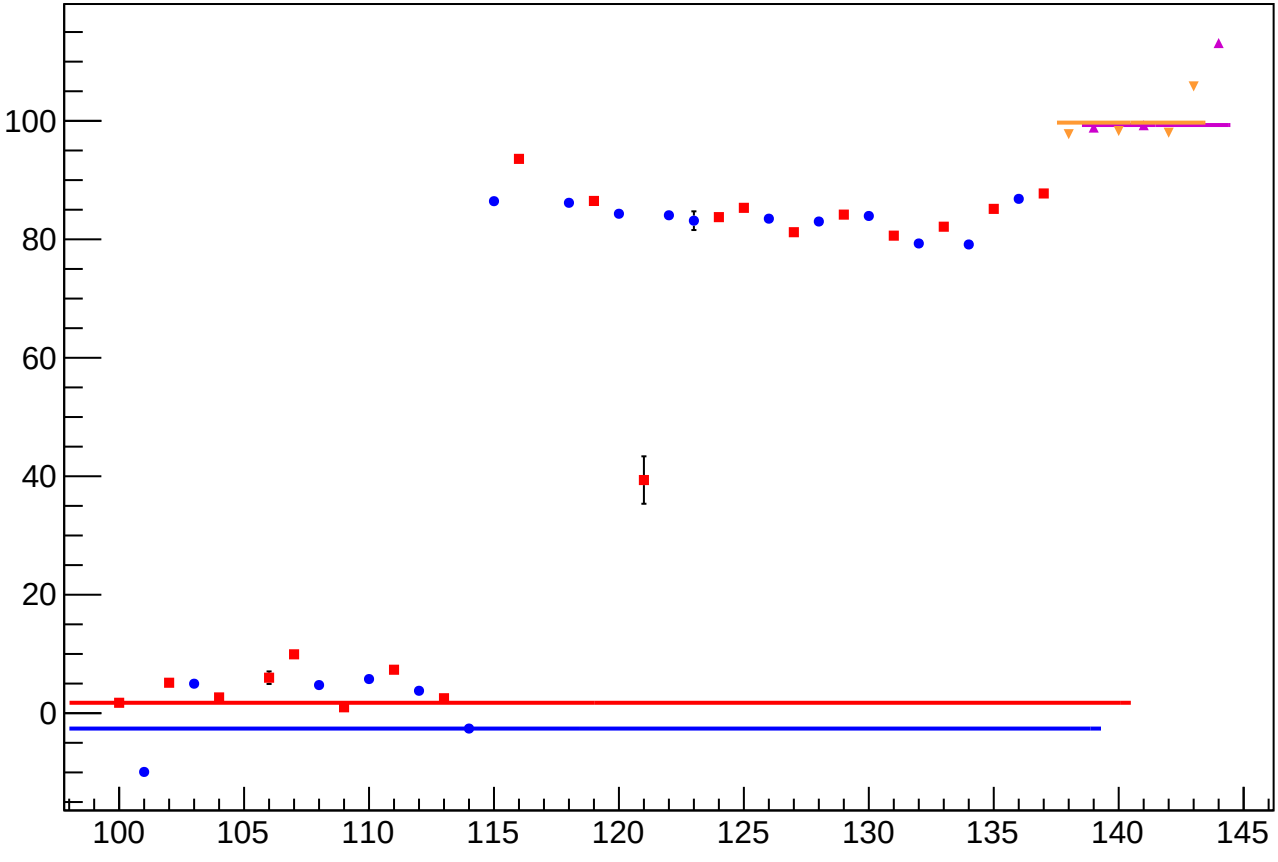
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 21.637+/-0.008 χ^2/NDF:144170.0/19

Out: 21.771+/-0.007 χ^2/NDF:221994.3/22

All: 21.710+/-0.005 χ^2/NDF: 366316.0/42

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.706+/-0.030 χ^2/NDF:11203.6/3

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 99.299+/-0.031 χ^2/NDF:1219.2/2

Left: 99.508+/-0.022 χ^2/NDF: 12512.3/6

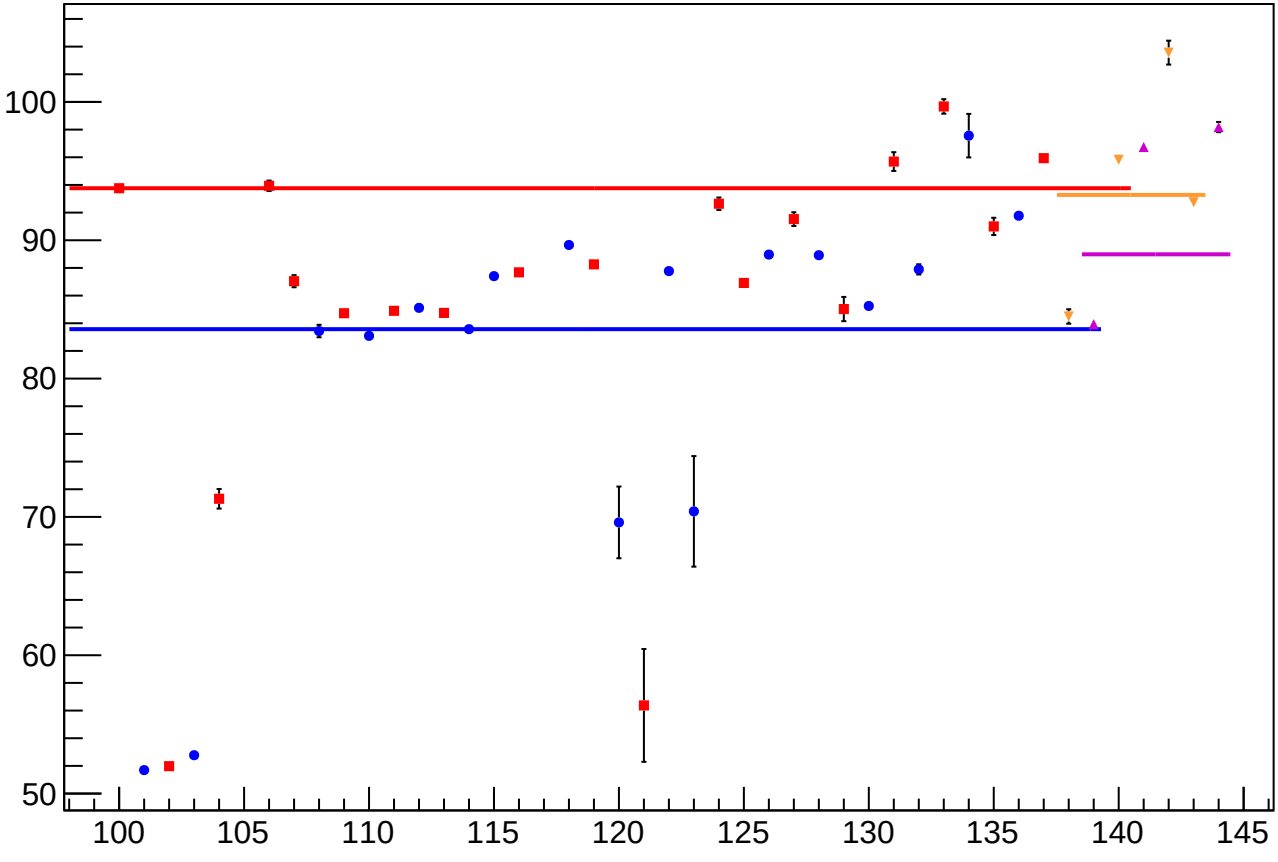
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:18305833.3/19

Out: 1.758+/-0.000 χ^2/NDF:14881616.8/22

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: 93.278+/-0.177 χ^2/NDF:499.0/3

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 88.983+/-0.145 χ^2/NDF:2008.8/2

Left: 90.716+/-0.112 χ^2/NDF: 2860.9/6

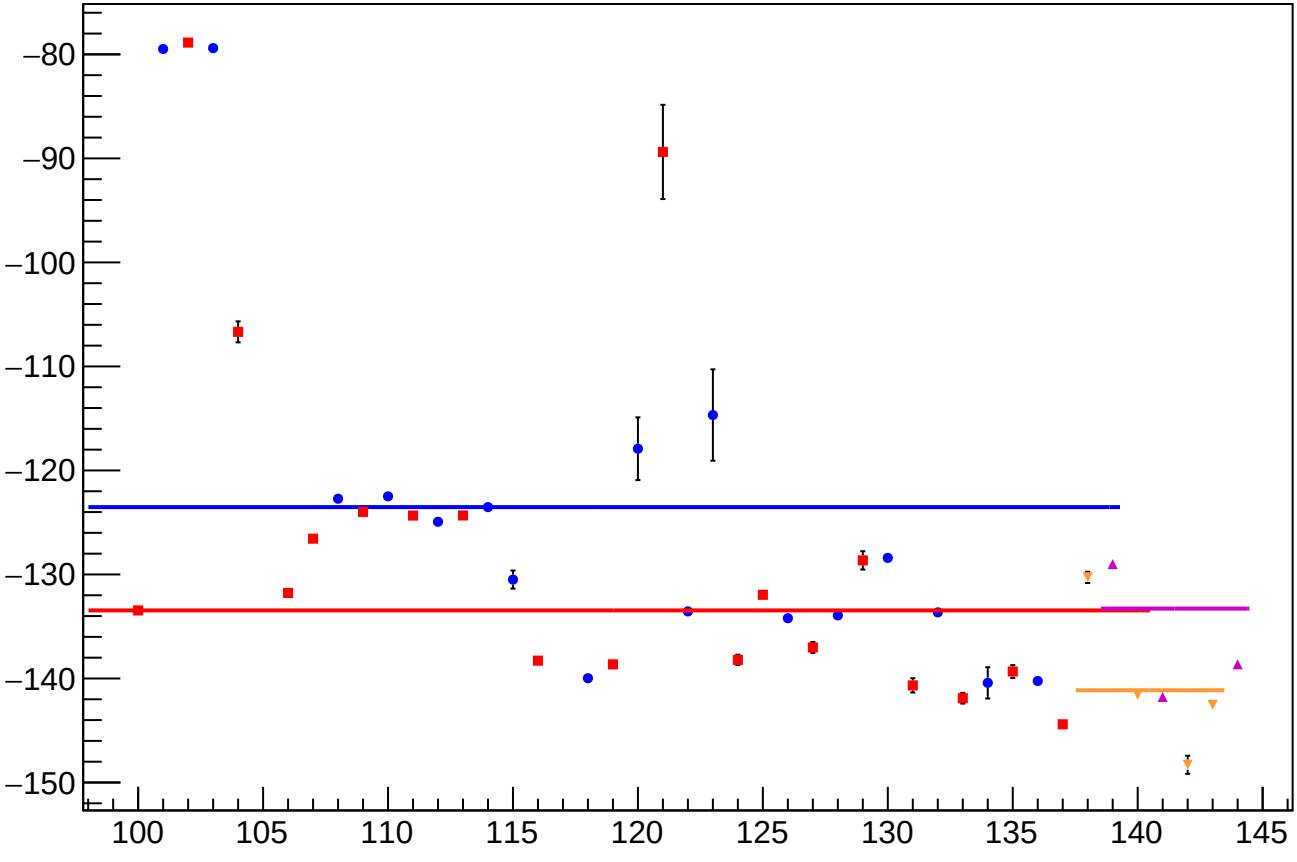
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:52865.8/19

Out: 93.762+/-0.000 χ^2/NDF:83355.3/22

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: -141.132+/-0.176 χ^2/NDF:506.3/3

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -133.281+/-0.139 χ^2/NDF:1621.1/2

Left: -136.312+/-0.109 χ^2/NDF: 3350.7/6

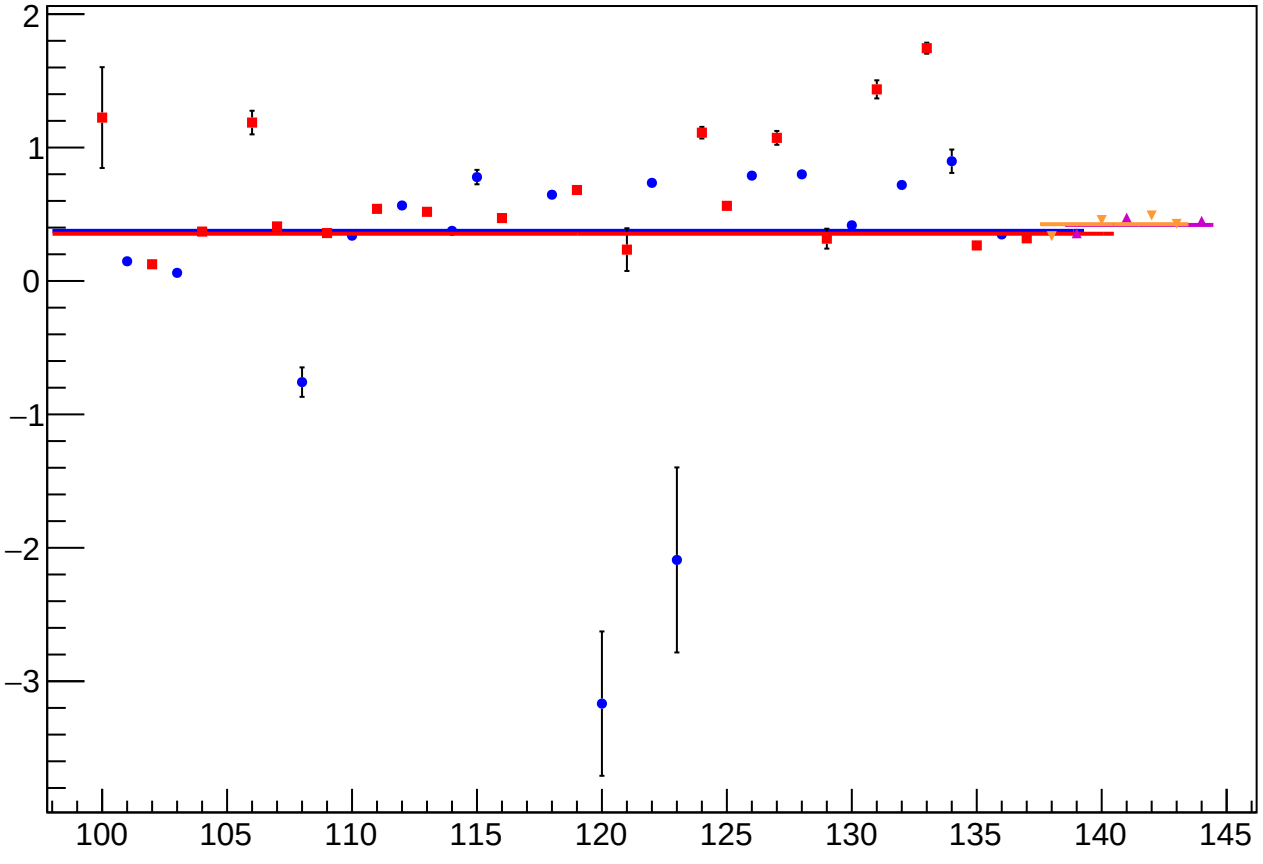
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:166872.3/19

Out: -133.456+/-0.000 χ^2/NDF:397307.3/22

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: 0.425+/-0.001 χ^2/NDF:635.1/3

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.420+/-0.001 χ^2/NDF:2603.4/2

Left: 0.422+/-0.001 χ^2/NDF: 3247.8/6

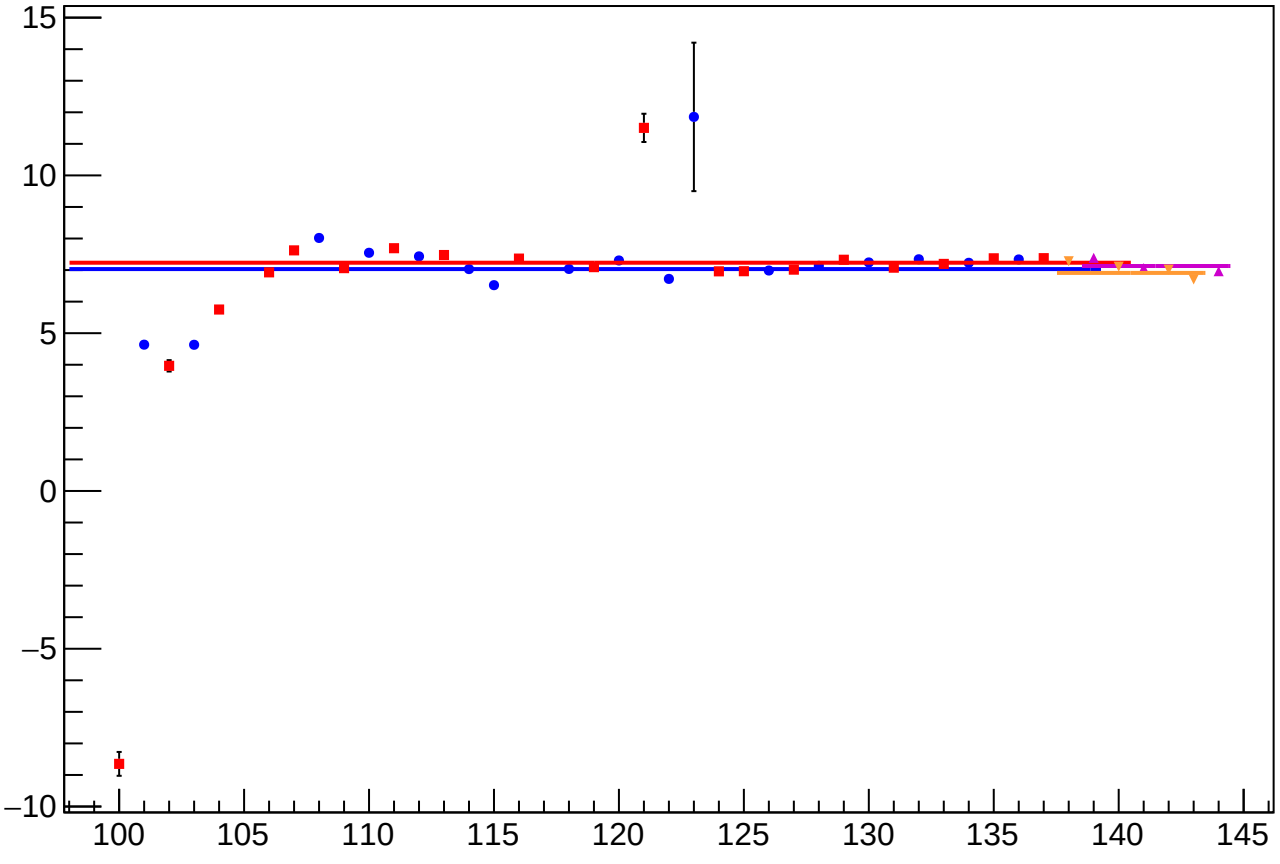
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:8226.0/19

Out: 0.392+/-0.001 χ^2/NDF:6422.3/22

All: 0.376+/-0.000 χ^2/NDF: 14900.0/42

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 6.910+/-0.003 χ^2/NDF:6561.3/3

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.129+/-0.002 χ^2/NDF:5509.3/2

Left: 7.040+/-0.002 χ^2/NDF: 15278.4/6

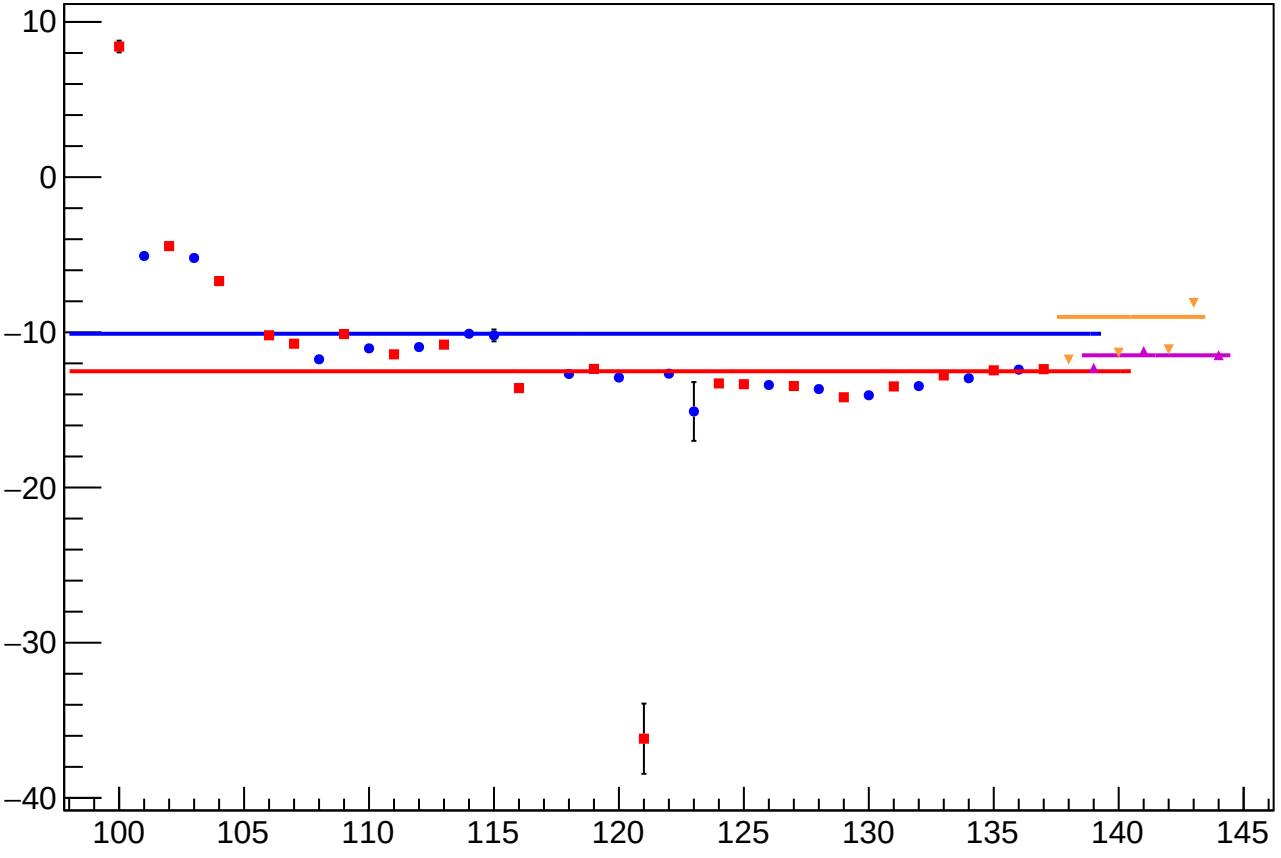
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:26848.5/19

Out: 7.107+/-0.002 χ^2/NDF:23791.4/22

All: 7.032+/-0.000 χ^2/NDF: 52290.2/42

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -9.006+/-0.005 χ^2/NDF:83218.5/3

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -11.480+/-0.007 χ^2/NDF:3066.4/2

Left: -9.830+/-0.004 χ^2/NDF: 164686.1/6

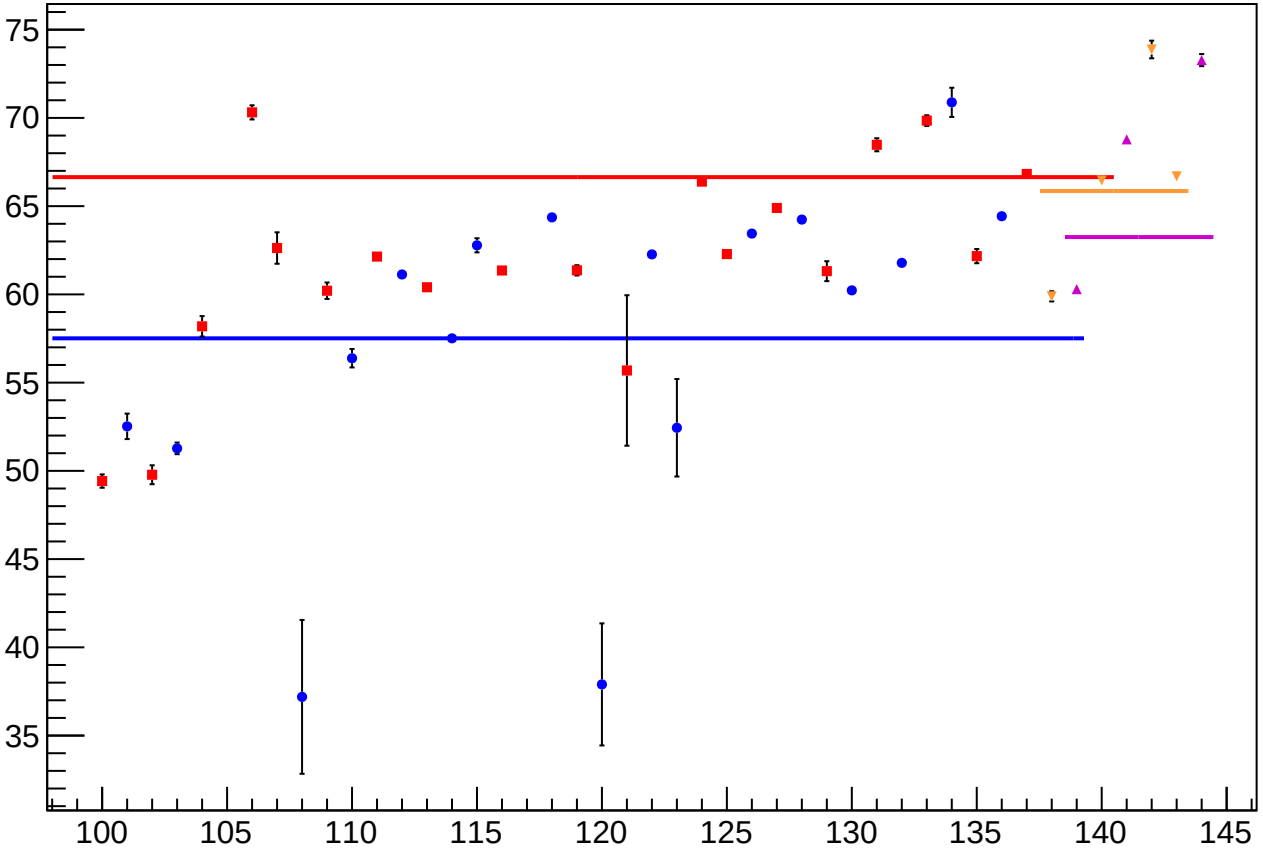
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:583592.1/19

Out: -11.280+/-0.003 χ^2/NDF:492777.6/22

All: -10.092+/-0.000 χ^2/NDF: 1230867.2/42

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 65.857+/-0.121 χ^2/NDF:716.0/3

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 63.249+/-0.098 χ^2/NDF:2184.9/2

Left: 64.289+/-0.076 χ^2/NDF: 3181.3/6

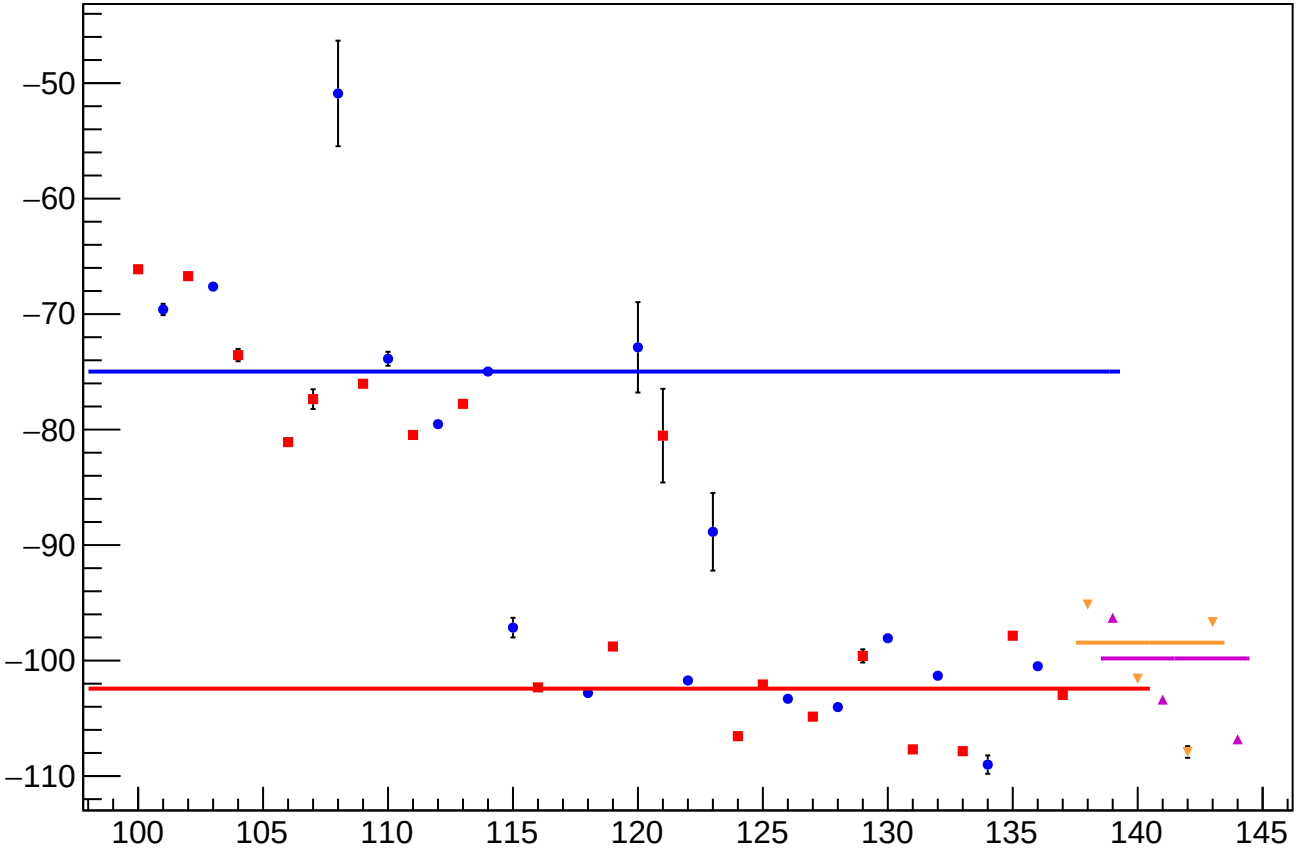
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:13698.5/19

Out: 66.636+/-0.013 χ^2/NDF:8921.8/22

All: 57.510+/-0.000 χ^2/NDF: 515521.5/42

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -98.450+/-0.121 χ^2/NDF:768.8/3

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -99.815+/-0.116 χ^2/NDF:1253.5/2

Left: -99.164+/-0.084 χ^2/NDF: 2088.7/6

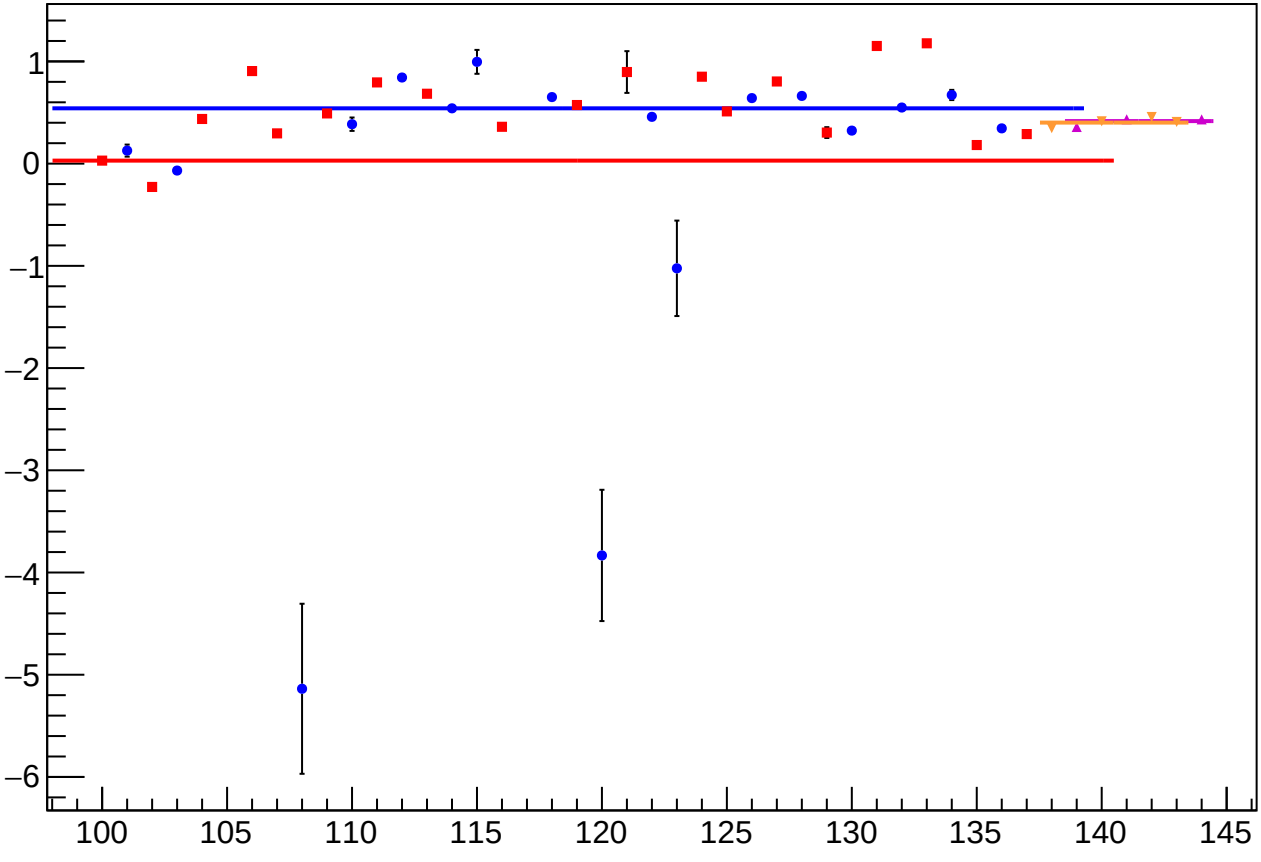
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:177915.2/19

Out: -102.346+/-0.018 χ^2/NDF:52201.5/22

All: -74.974+/-0.000 χ^2/NDF: 2642160.1/42

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:491.7/3

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.416+/-0.001 χ^2/NDF:1037.2/2

Left: 0.410+/-0.001 χ^2/NDF: 1622.1/6

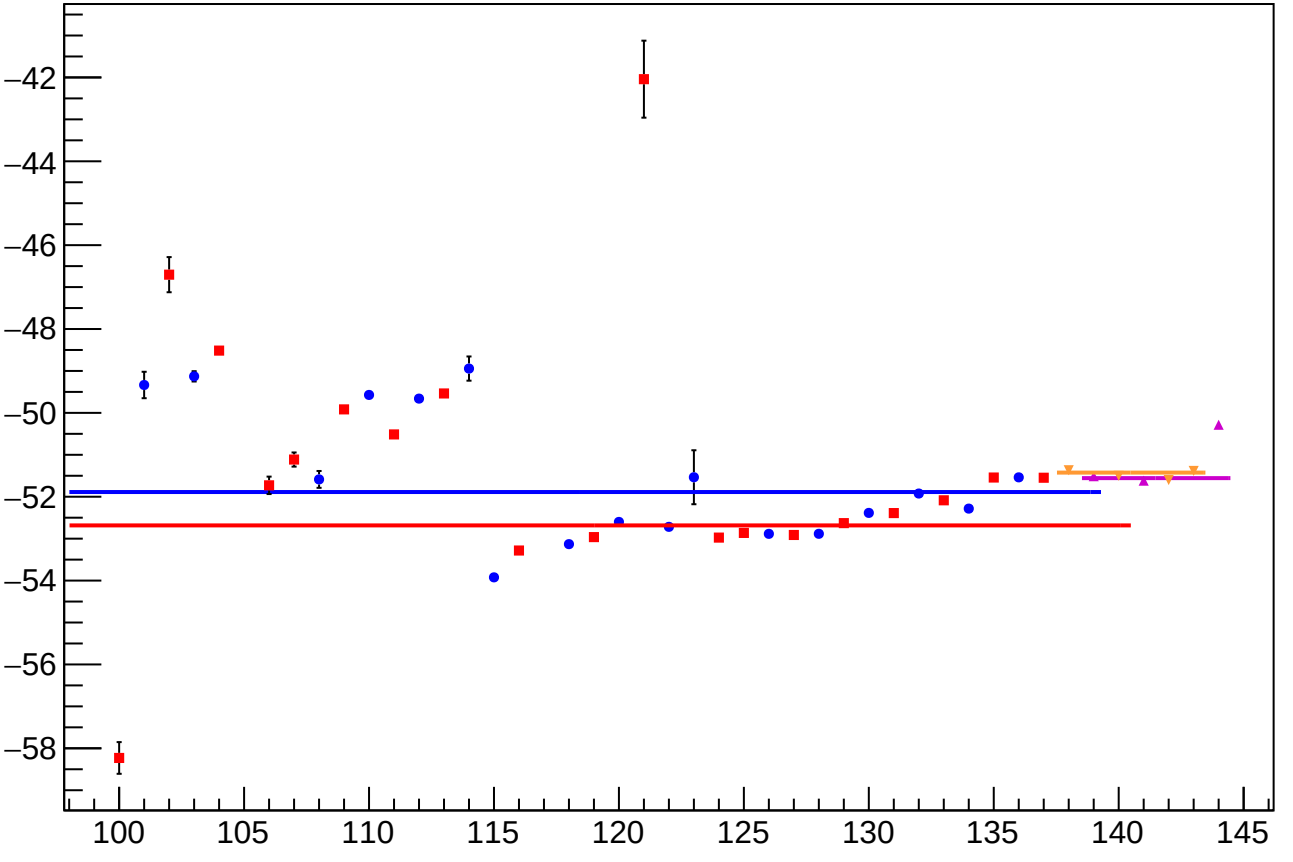
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:46318.6/19

Out: 0.030+/-0.000 χ^2/NDF:227437.3/22

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: -51.424+/-0.004 χ^2/NDF:356.0/3

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -51.556+/-0.004 χ^2/NDF:2664.3/2

Left: -51.498+/-0.003 χ^2/NDF: 3530.8/6

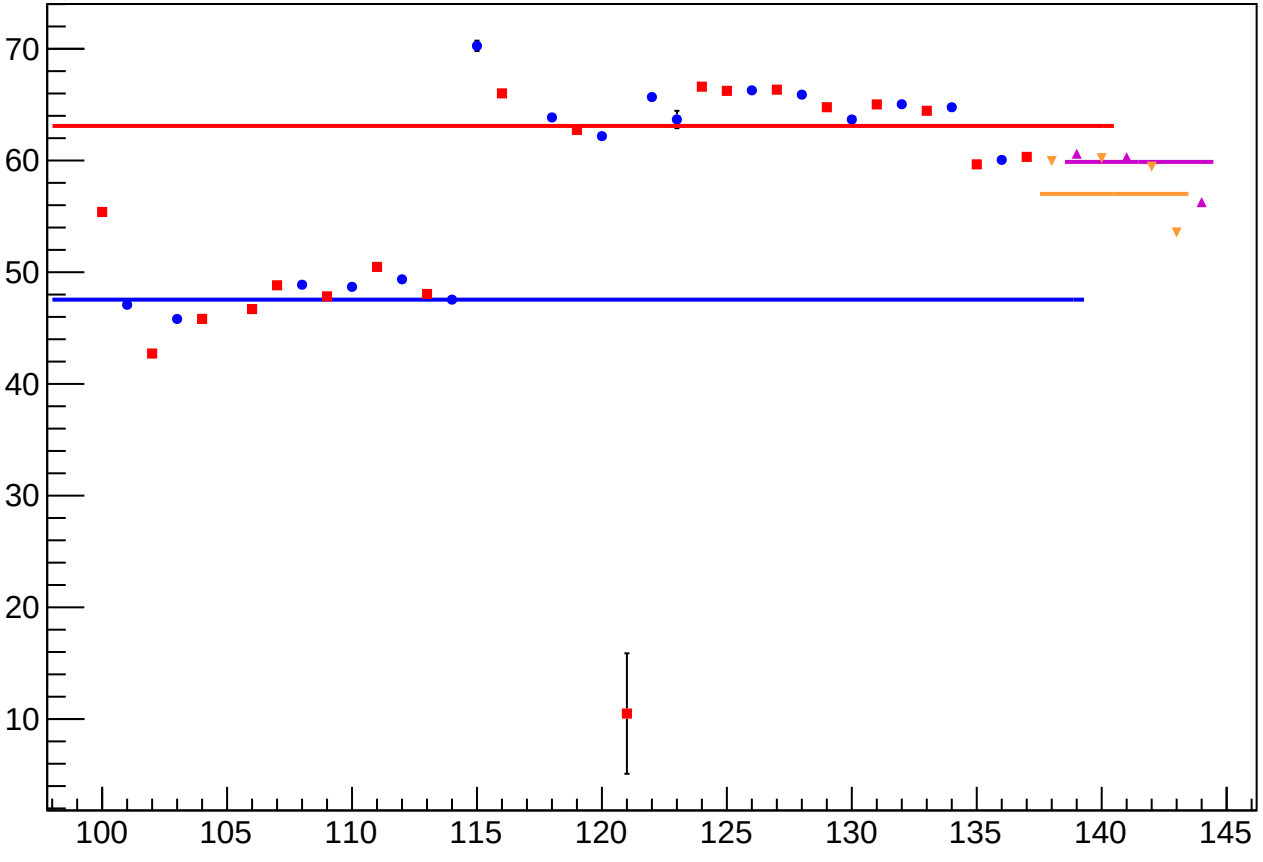
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -51.805+/-0.002 χ^2/NDF:85778.2/19

Out: -52.362+/-0.002 χ^2/NDF:118311.9/22

All: -52.046+/-0.001 χ^2/NDF: 240152.8/42

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 57.012+/-0.008 χ^2/NDF:154645.5/3

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 59.876+/-0.022 χ^2/NDF:3655.0/2

Left: 57.366+/-0.008 χ^2/NDF: 173708.4/6

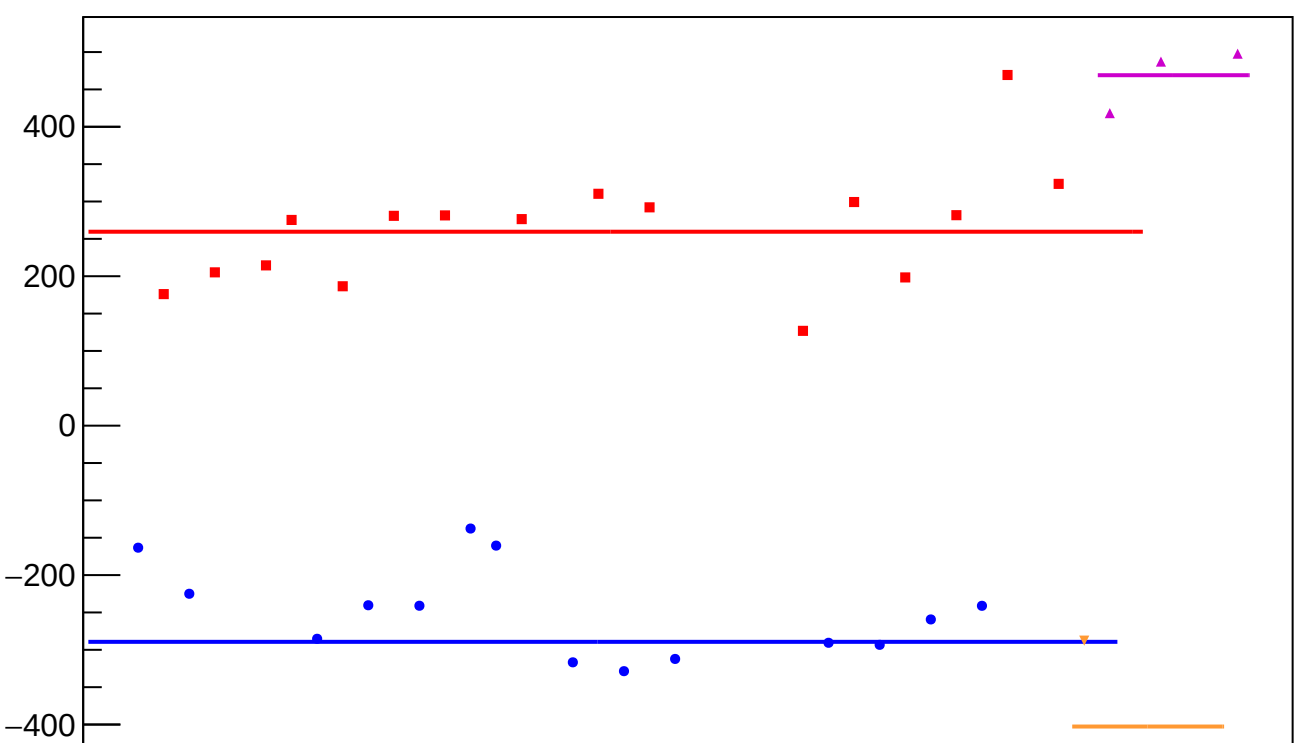
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:3821256.8/19

Out: 60.300+/-0.005 χ^2/NDF:792779.2/22

All: 47.545+/-0.000 χ^2/NDF: 10003913.8/42

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 18.316+/-0.000 χ^2/NDF: 1019697361963493

Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -402.677+/-0.000 χ^2/NDF:1472818314619278679848426421927018496.0/3

In: -75.407+/-0.000 χ^2/NDF:1109627973334836 4

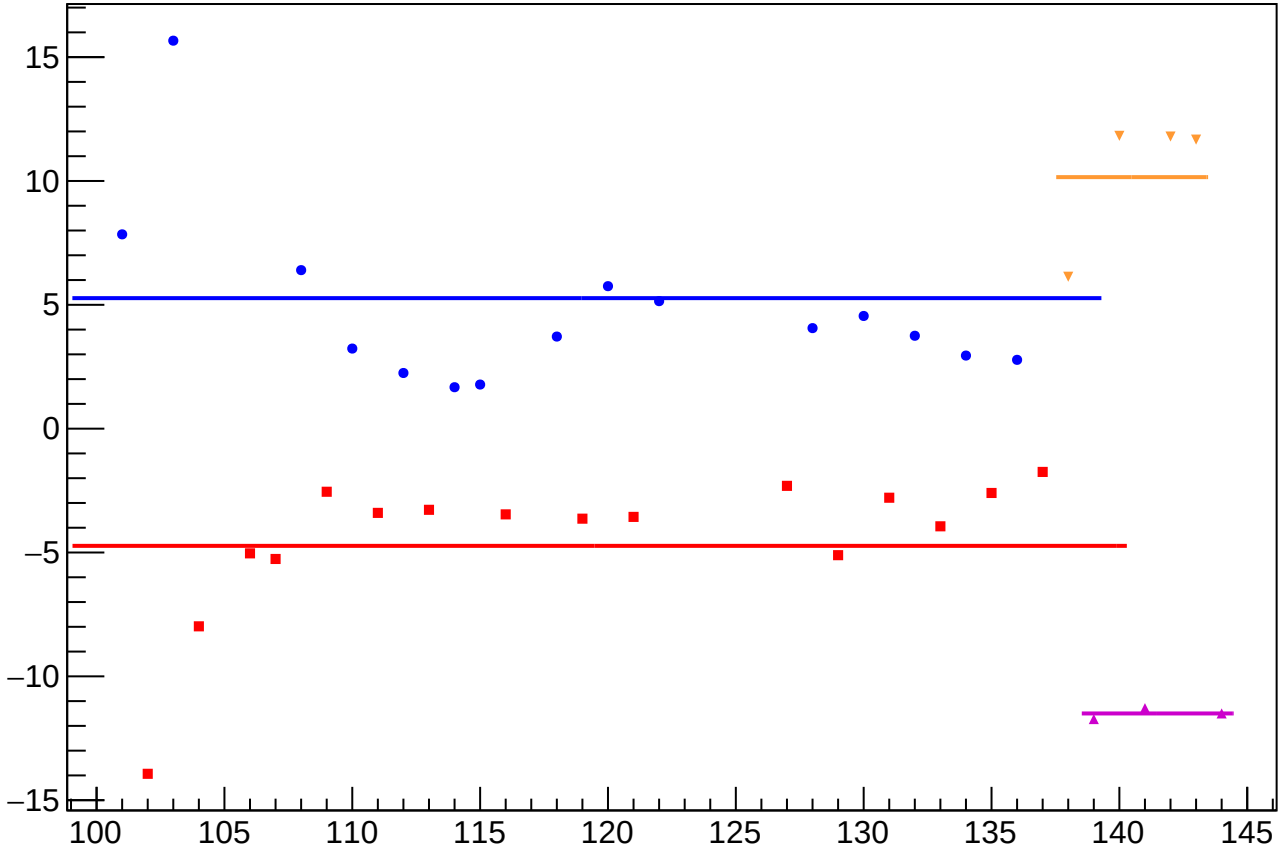
Right Out: 259.558+/-0.000 χ^2/NDF: 429988679269212397078456398377071411 2.0/15

Out: 67.228+/-0.000 χ^2/NDF:9072678089264700 6

Left In: 469.027+/-0.000 χ^2/NDF:3110149490938360370415679166008524 80.0/2

All: -2.697+/-0.000 χ^2/NDF: 2110649495853

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.303+/-0.000 χ^2/NDF: 63593115664099509

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 10.155+/-0.000 χ^2/NDF:17666009234969856996565328152494 08.0/3

In: 0.540+/-0.000 χ^2/NDF:601900317317883889

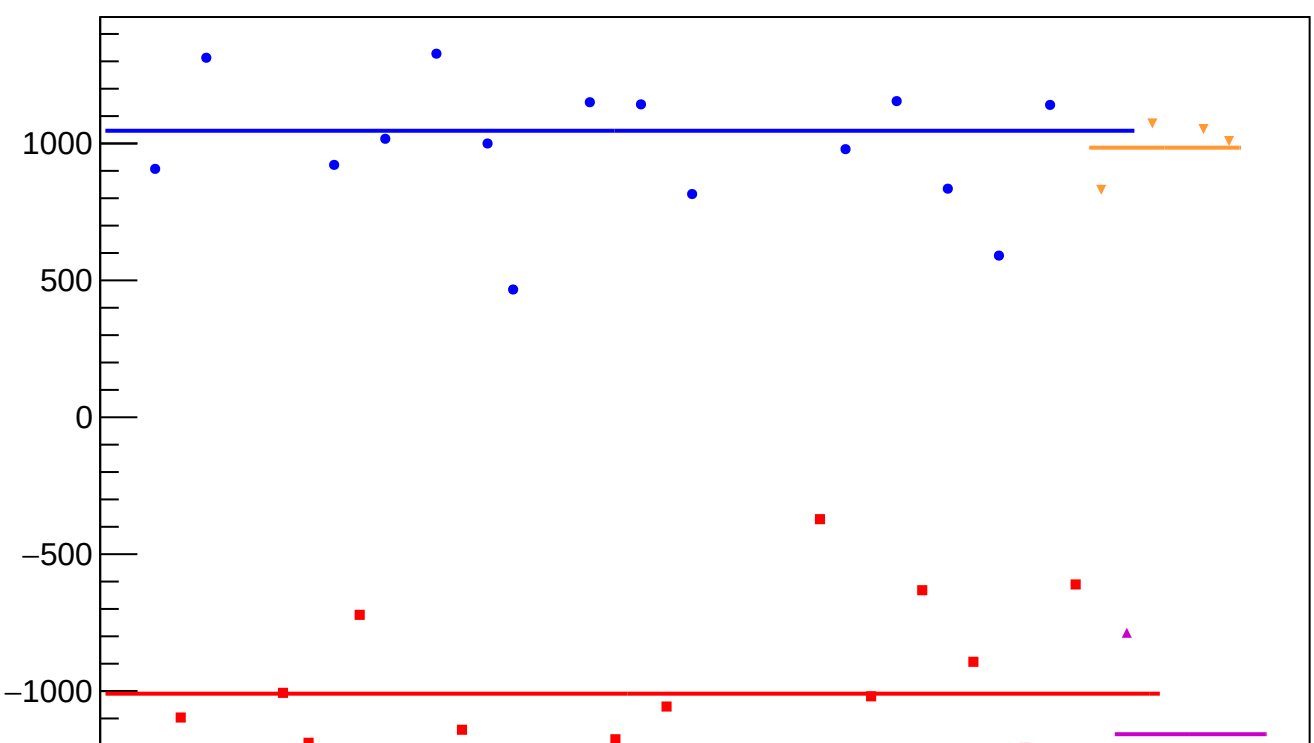
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: -0.408+/-0.000 χ^2/NDF:5155245272936696 8

Left In: -11.498+/-0.000 χ^2/NDF:80625757383219691672752860692 48.0/2

All: 0.057+/-0.000 χ^2/NDF: 1121564731300 6

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

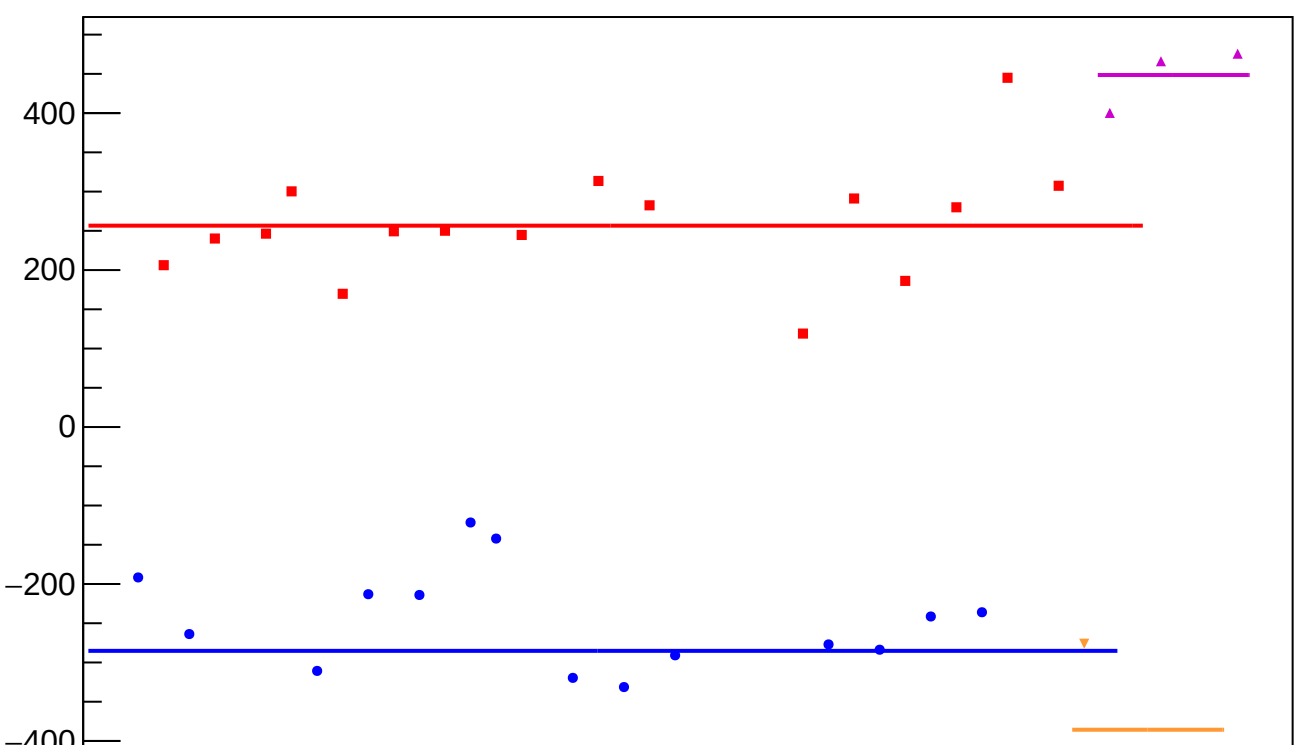
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 17.207+/-0.000 χ^2/NDF: 9337902438616151

Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Right: -10.589+/-0.000 χ^2/NDF: 104681795299957

Left Out: -385.694+/-0.000 χ^2/NDF:1338300286478112678860628555282251776.0/3

In: -78.215+/-0.000 χ^2/NDF:10331905940424601

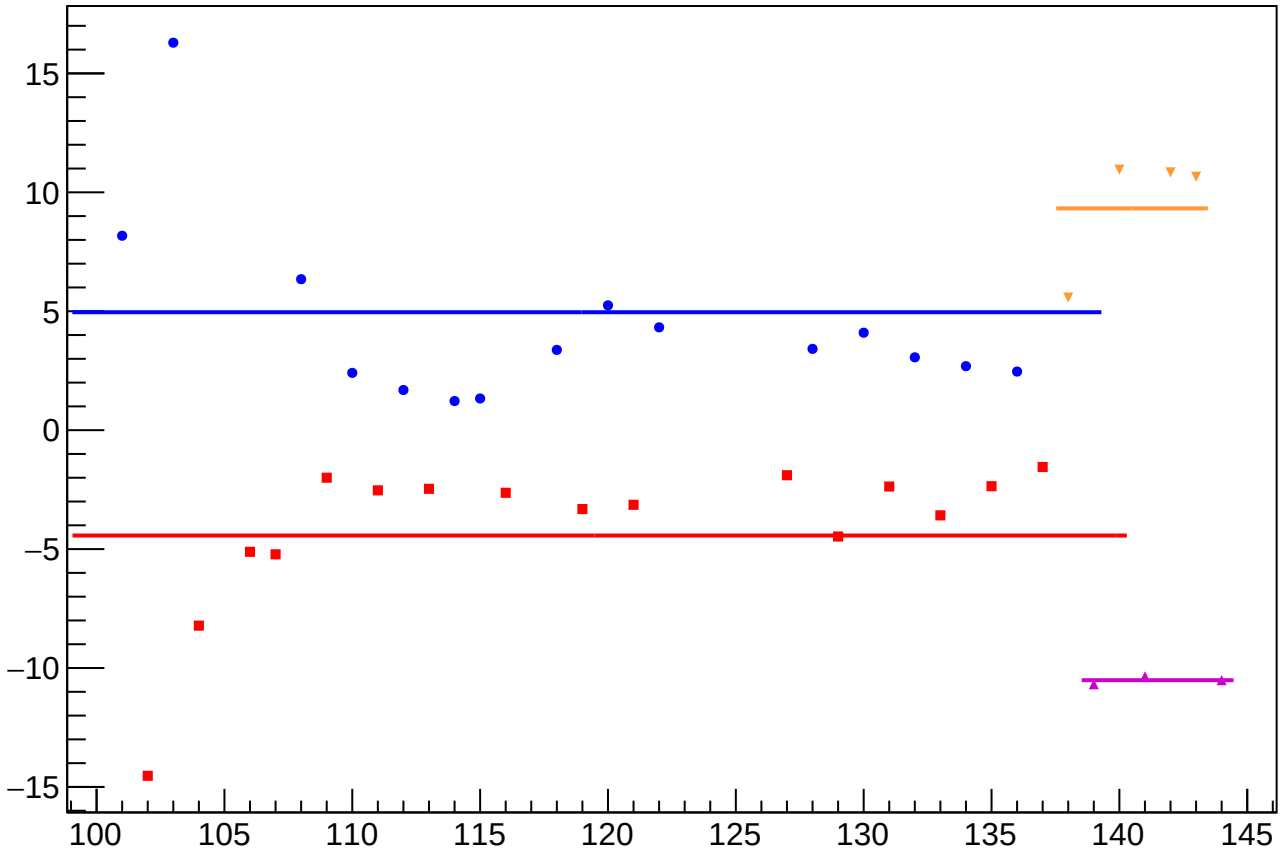
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

Out: 70.061+/-0.000 χ^2/NDF:8490133865203180 2

Left In: 448.548+/-0.000 χ^2/NDF:280730374821686557425100776712175616.0/2

All: -2.630+/-0.000 χ^2/NDF: 1983519504547

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 53423858944918125

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Right: 0.201+/-0.000 χ^2/NDF: 47826300884905300

Left Out: 9.325+/-0.000 χ^2/NDF:153815968980076447208058228677017 6.0/3

In: 0.595+/-0.000 χ^2/NDF:542873562155859690 0

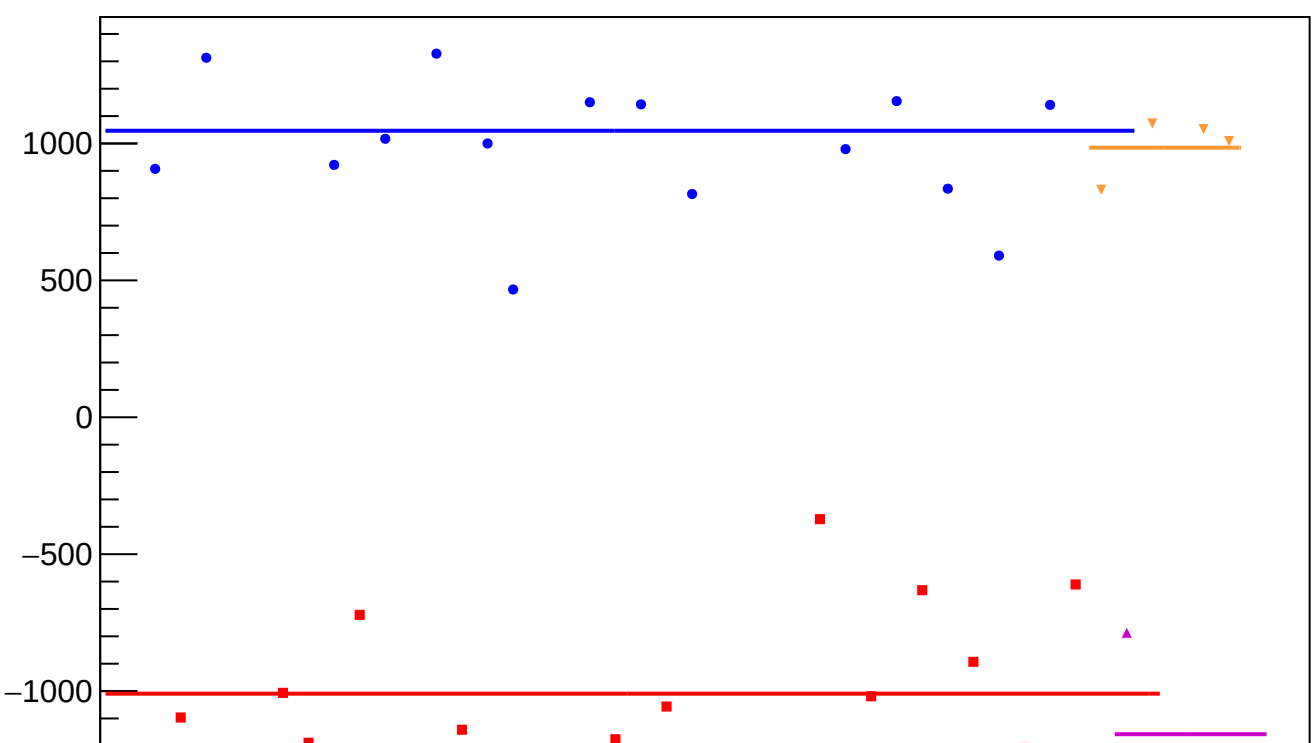
Right Out: -4.429+/-0.000 χ^2/NDF: 83714404003345245711317967726182 40.0/15

Out: -0.434+/-0.000 χ^2/NDF:46552990746512170

Left In: -10.512+/-0.000 χ^2/NDF:458891159221658897942291100467 2.0/2

All: 0.070+/-0.000 χ^2/NDF: 1013286117817 8

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

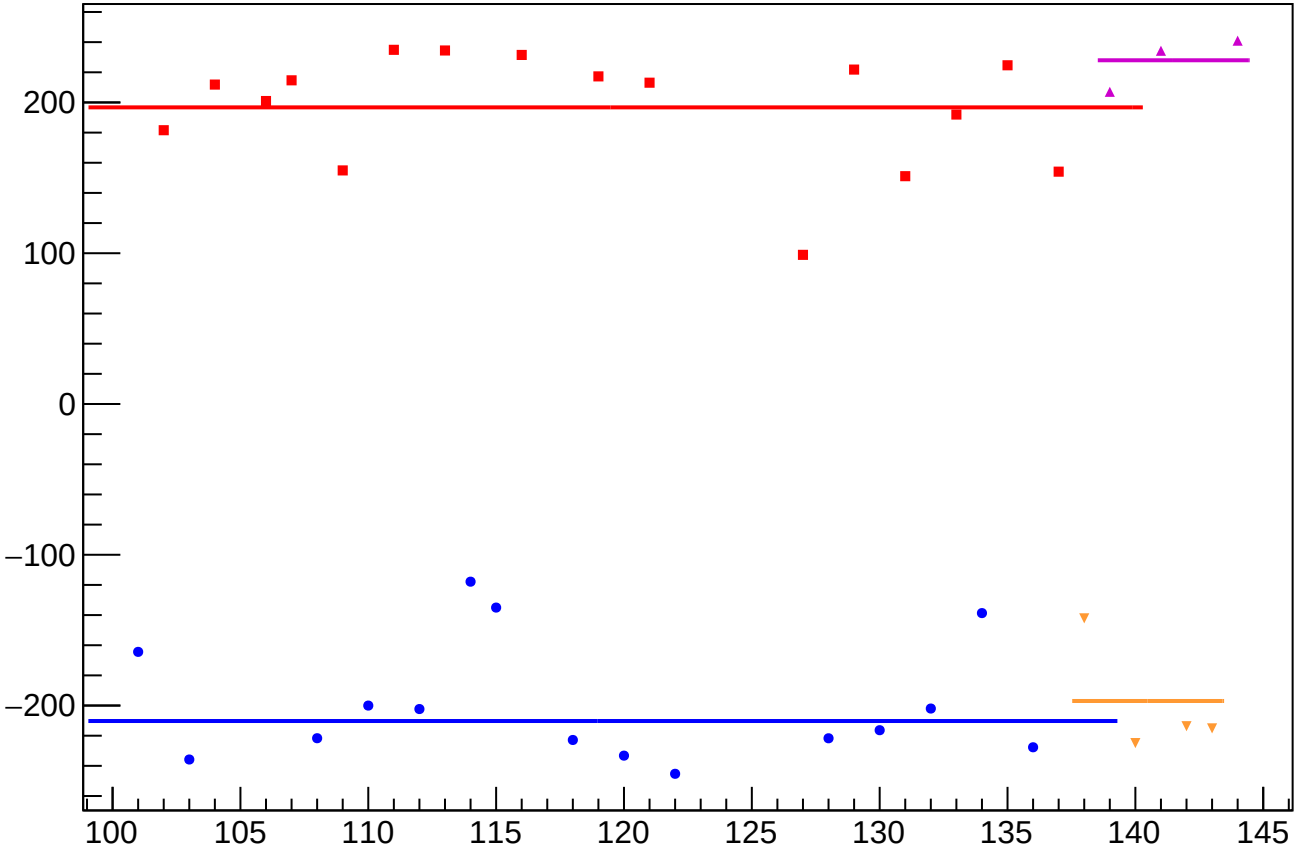
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

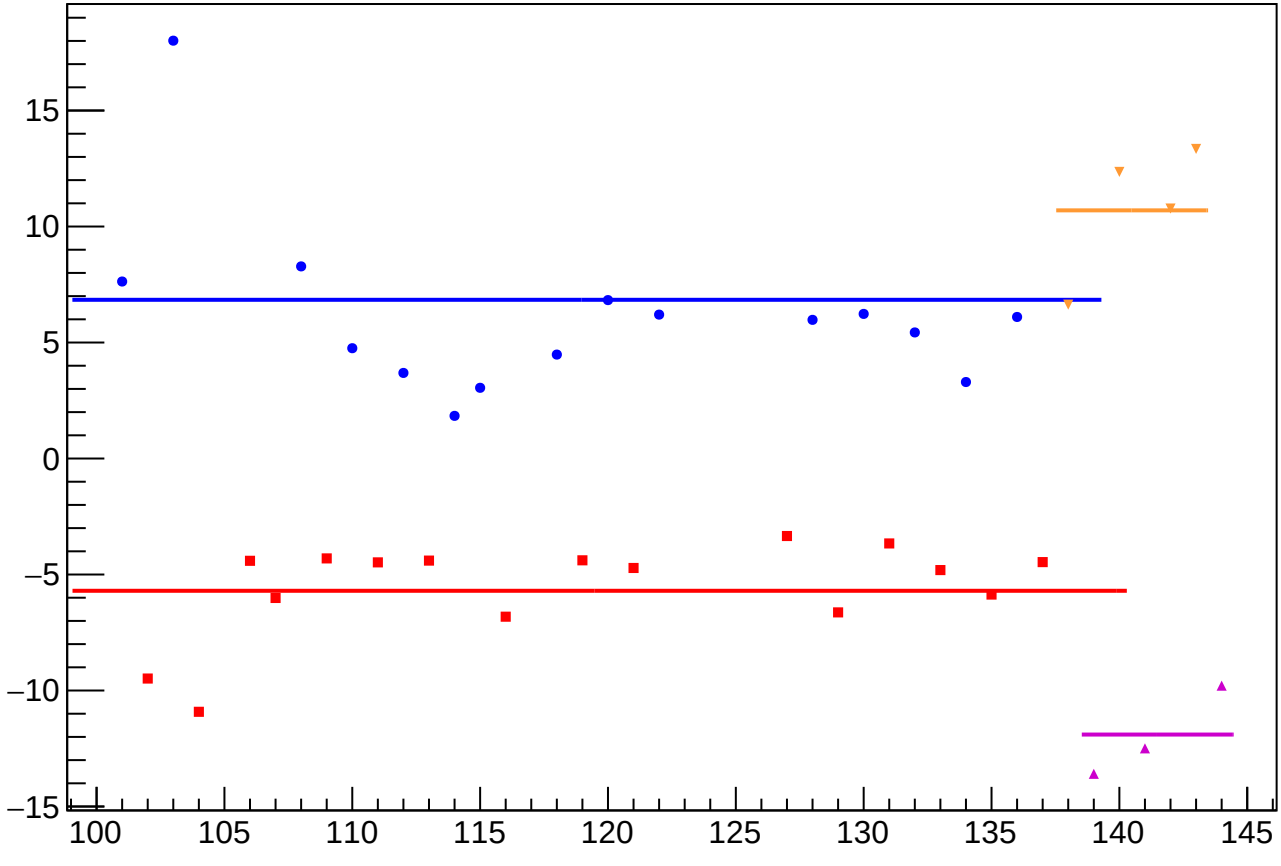
All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Left: 8.254+/-0.000 χ^2/NDF: 24196506681082510
Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14
Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263
Left Out: -196.979+/-0.000 χ^2/NDF:3332762413451234693501468007496417 28.0/3
In: -86.644+/-0.000 χ^2/NDF:3577997488866862
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15
Out: 82.391+/-0.000 χ^2/NDF:3127079391932174
Left In: 227.973+/-0.000 χ^2/NDF:5384529467642255441281200118824960 0.0/2
All: -0.476+/-0.000 χ^2/NDF: 8021797809387

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: -0.216+/-0.000 χ^2/NDF: 69953725338809066

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 10.697+/-0.000 χ^2/NDF:198337958355436462394810694211993 6.0/3

In: 1.555+/-0.000 χ^2/NDF:7430324103214013577

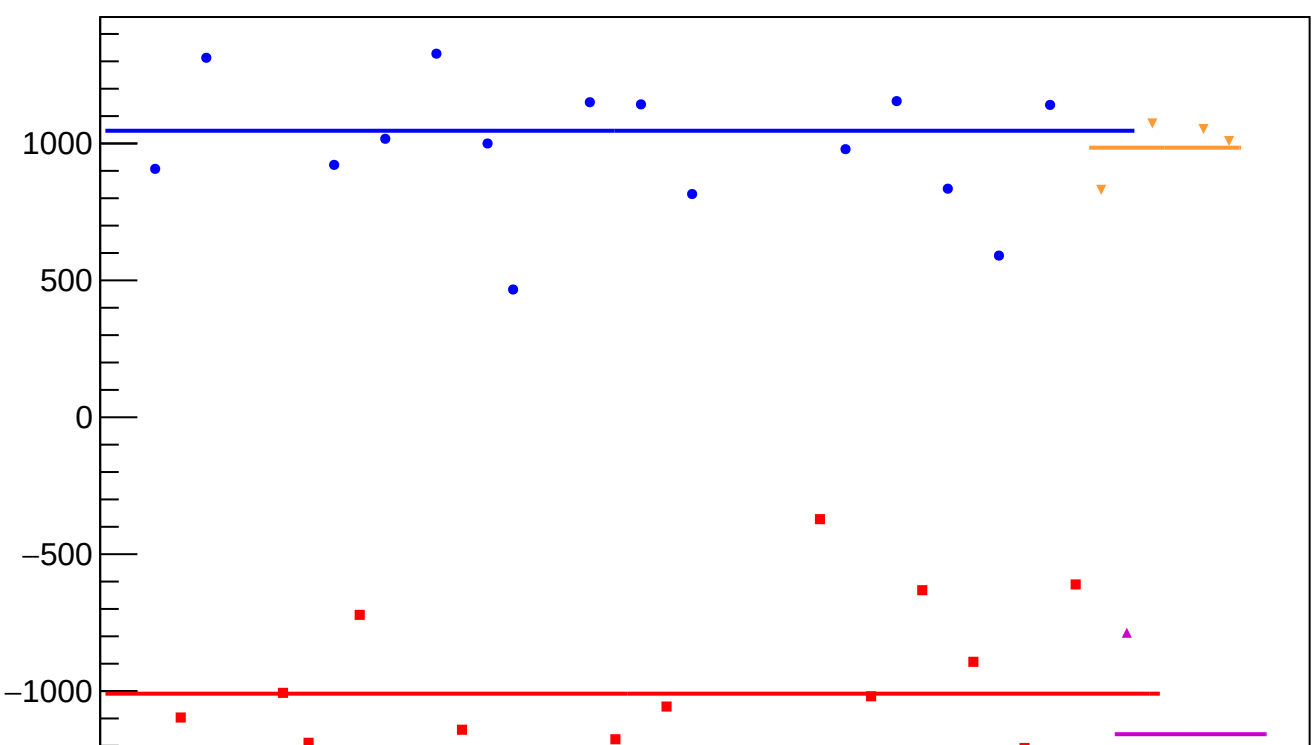
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: -0.939+/-0.000 χ^2/NDF:57246940247076600

Left In: -11.898+/-0.000 χ^2/NDF:657114598684096782724249239420928.0/2

All: 0.284+/-0.000 χ^2/NDF: 13441679302113

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

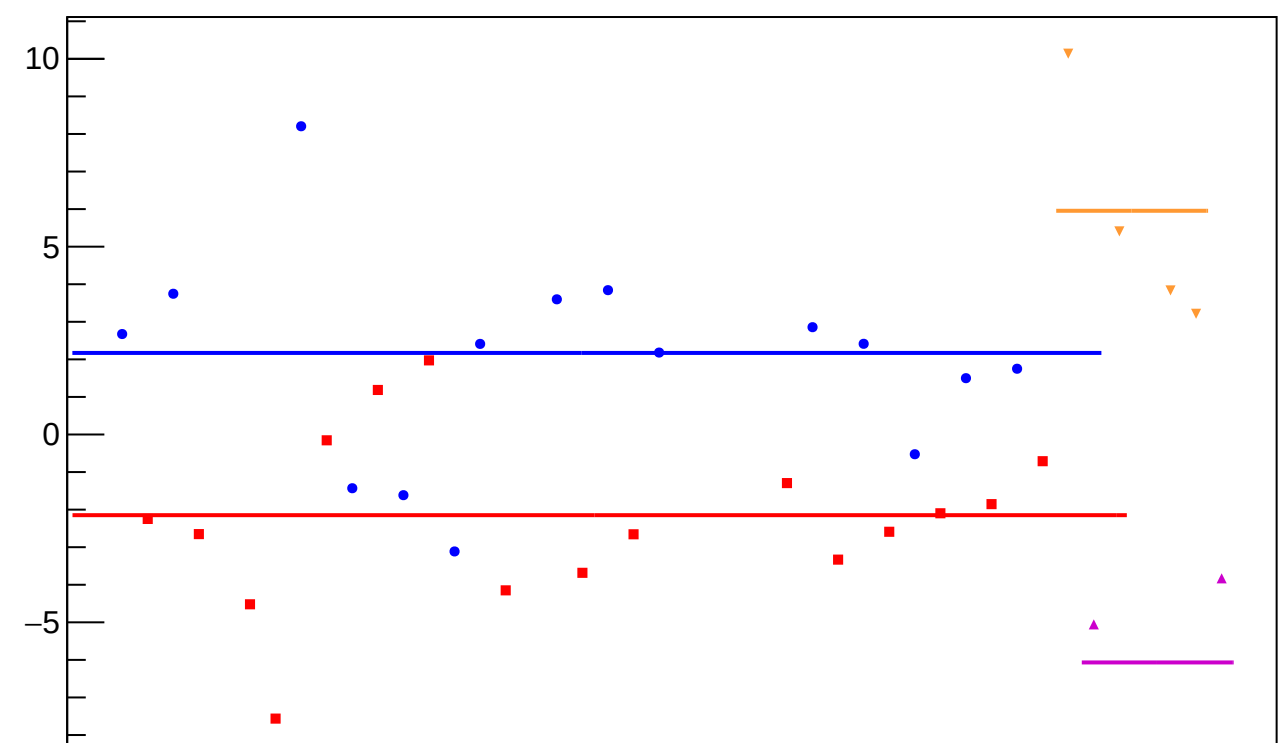
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288 4992.0/2

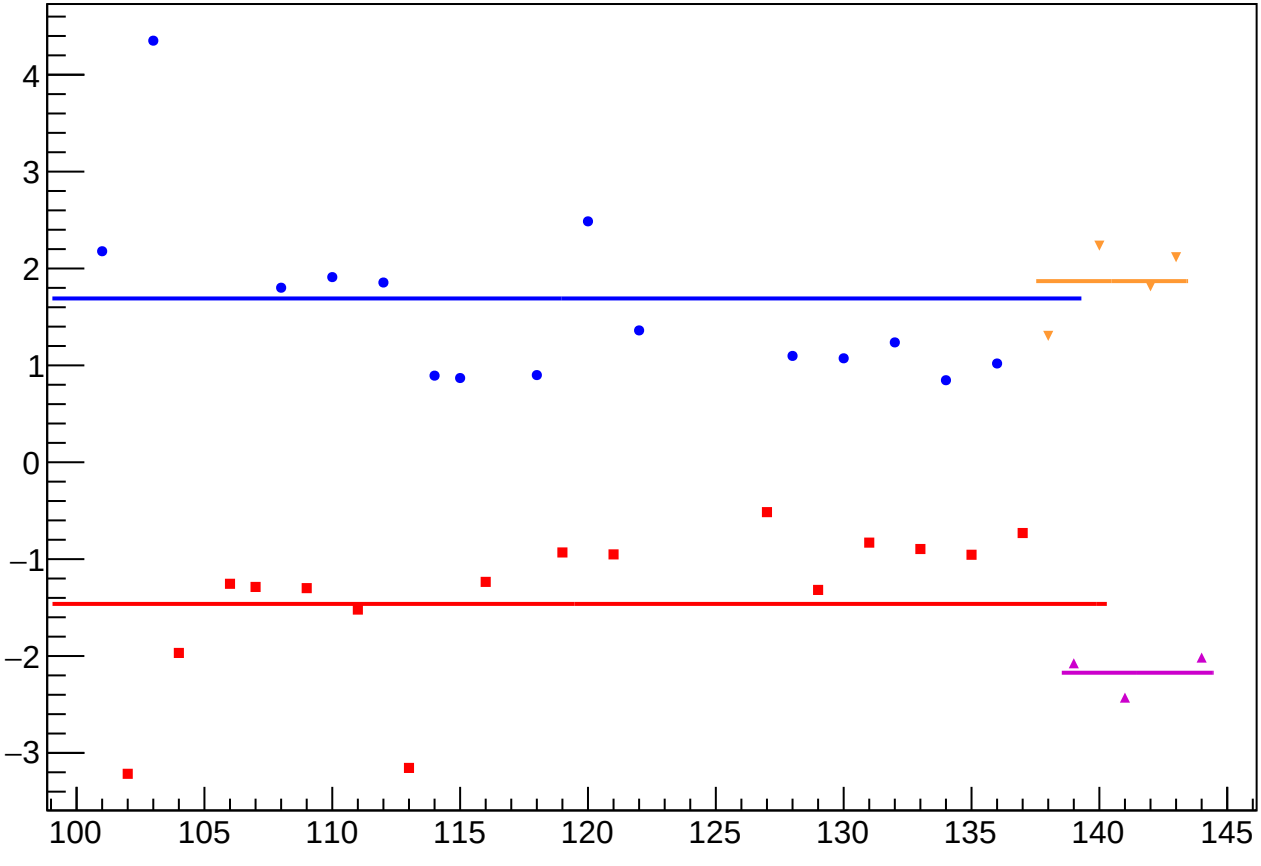
All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.149+/-0.000 χ^2/NDF: 22620716986415086
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 5.955+/-0.000 χ^2/NDF:20993996199173099085772583369441 28.0/3
In: -0.153+/-0.000 χ^2/NDF:17488919553473542 1
Right Out: -2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15
Out: 0.206+/-0.000 χ^2/NDF:17912473855107656 5
Left In: -6.068+/-0.000 χ^2/NDF:14608194999122624710145358042234 88.0/2
All: 0.030+/-0.000 χ^2/NDF: 3546064067198

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.082+/-0.000 χ^2/NDF: 22028938747178172

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.870+/-0.000 χ^2/NDF:40107644373138562112135911964672.0/3

In: 0.601+/-0.000 χ^2/NDF:335293720642186568

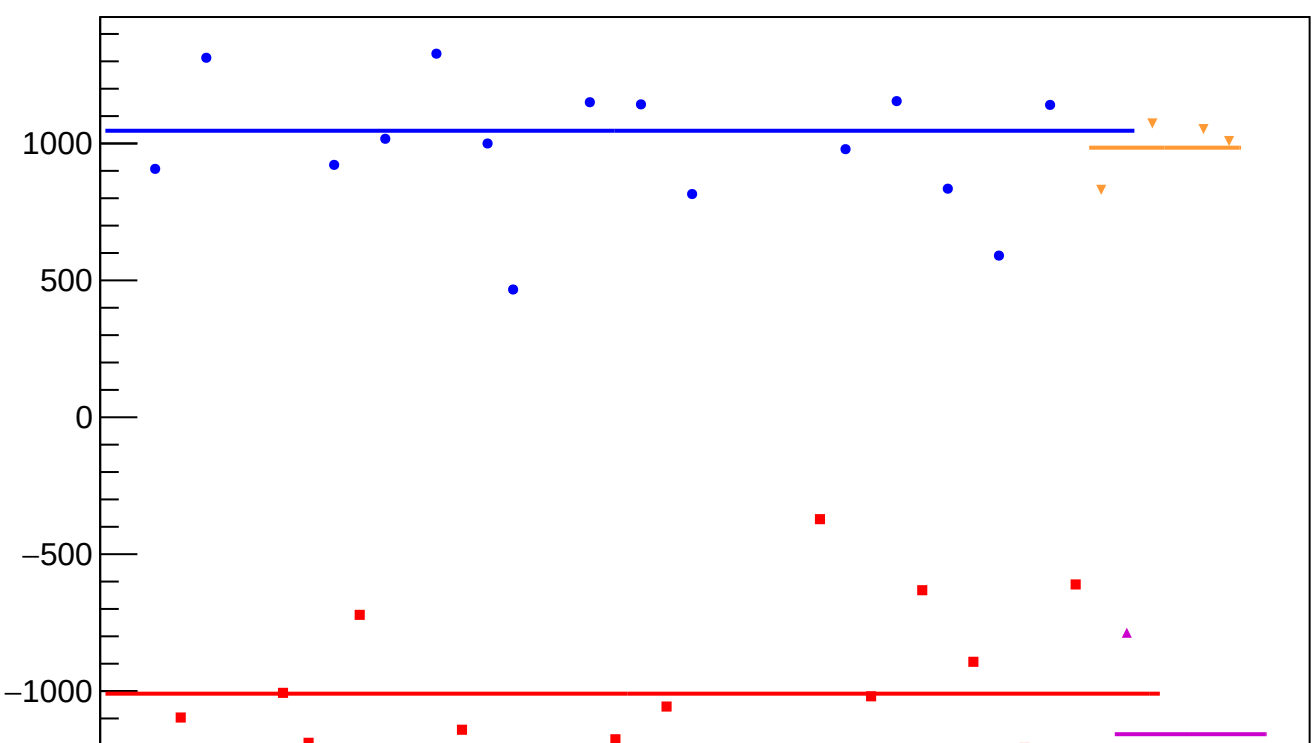
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: -0.494+/-0.000 χ^2/NDF:26348429287451631

Left In: -2.172+/-0.000 χ^2/NDF:855295387658557056200167181516 8.0/2

All: 0.043+/-0.000 χ^2/NDF: 6540800295266

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

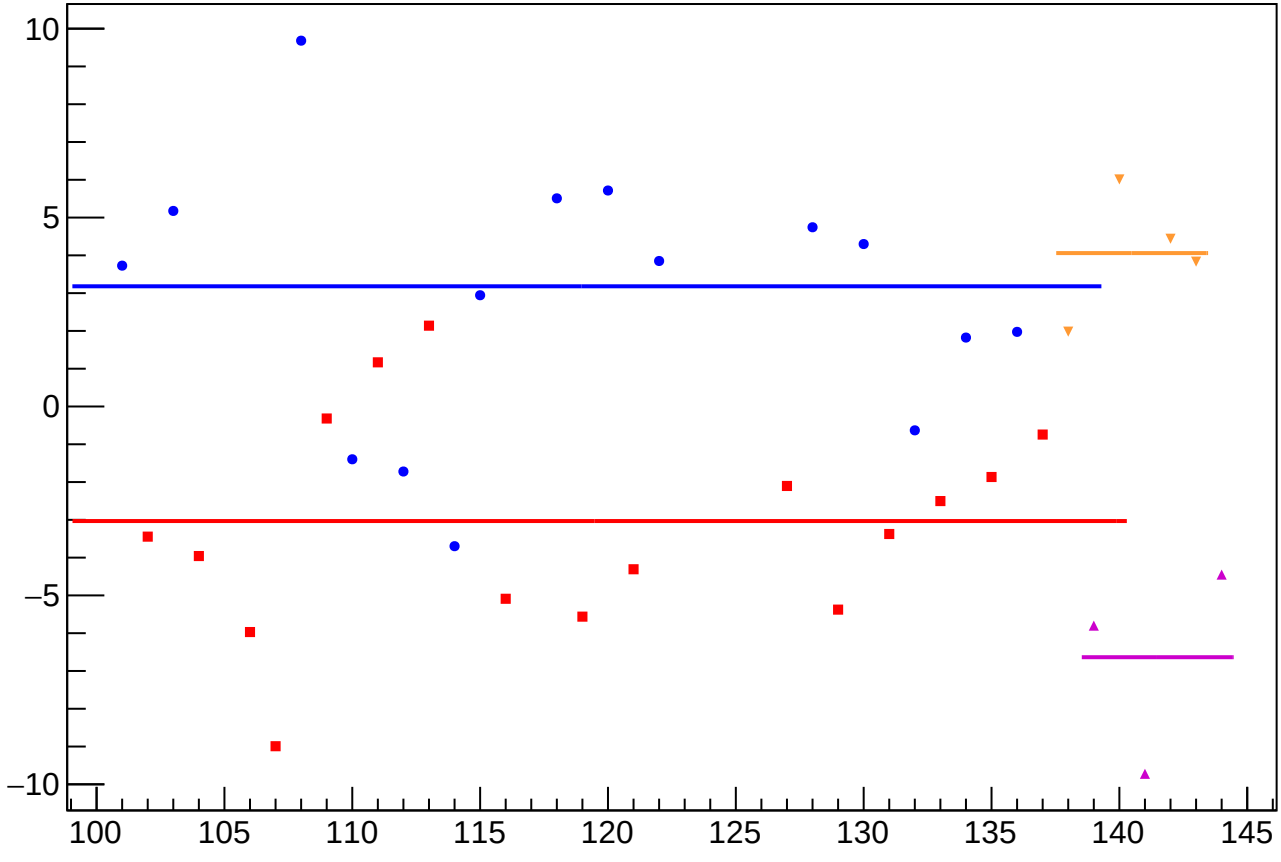
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -1.106+/-0.000 χ^2/NDF: 17033511883449745

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 4.060+/-0.000 χ^2/NDF:65892020908846988717380098588672 0.0/3

In: 0.412+/-0.000 χ^2/NDF:247674341041160964 6

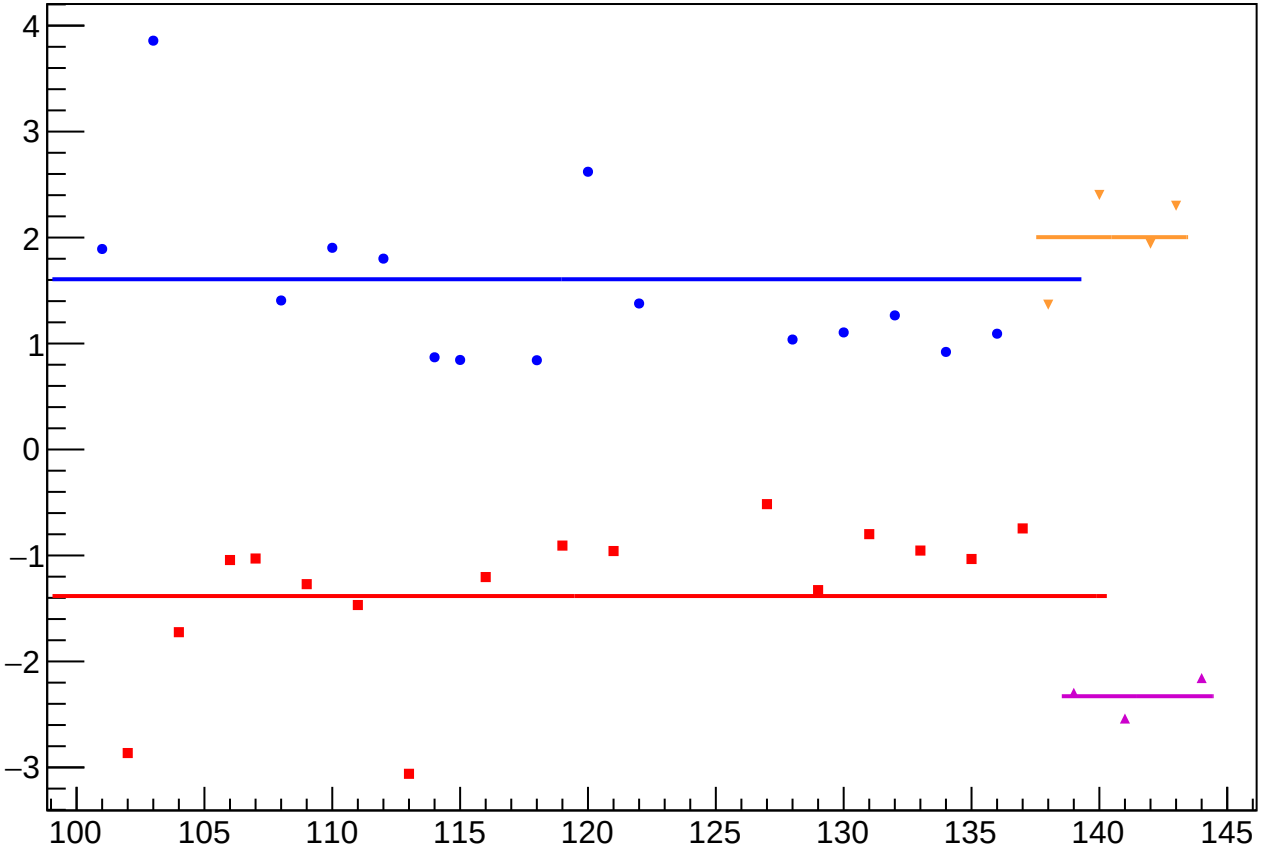
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: -0.972+/-0.000 χ^2/NDF:15338739824857389

Left In: -6.636+/-0.000 χ^2/NDF:12913853327265353605555010226094 08.0/2

All: -0.294+/-0.000 χ^2/NDF: 4098905706919

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.088+/-0.000 χ^2/NDF: 25313864287294208

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624 7

Left Out: 2.004+/-0.000 χ^2/NDF:507195754993029361361006918369 28.0/3

In: 0.497+/-0.000 χ^2/NDF:3301822909339419043

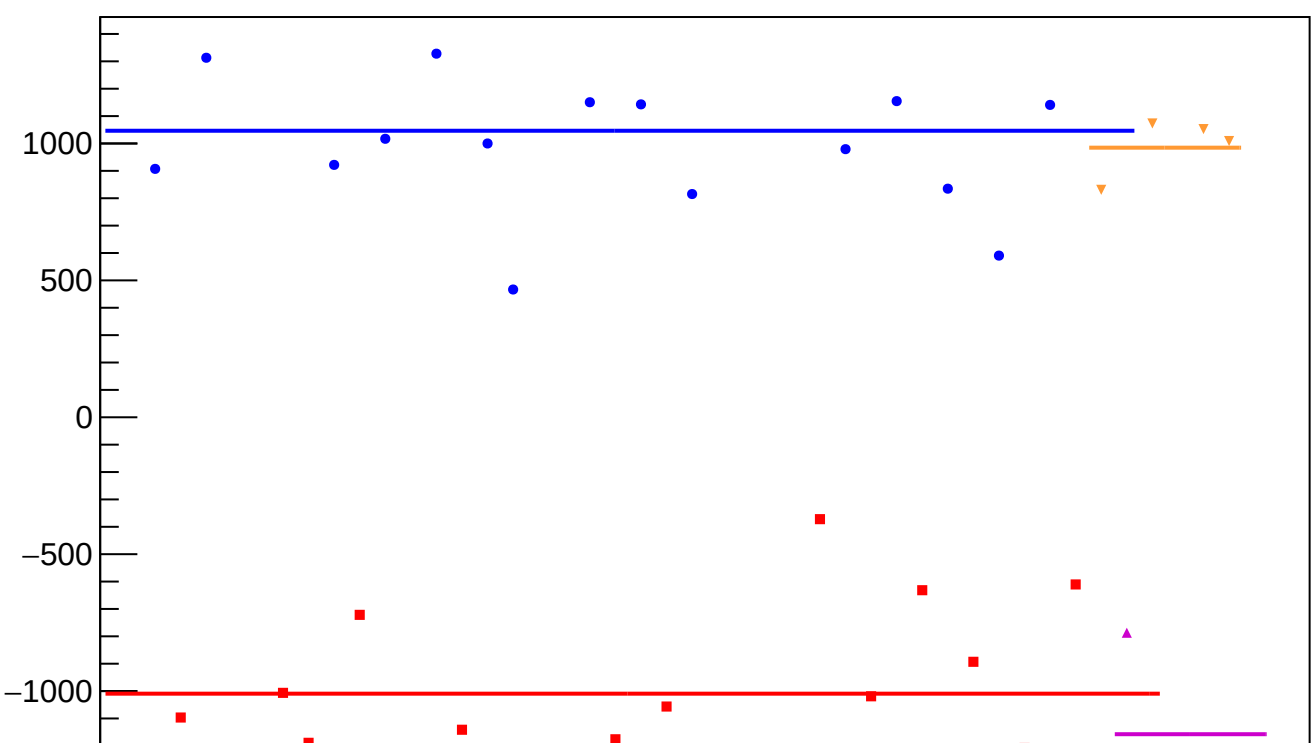
Right Out: -1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

Out: -0.399+/-0.000 χ^2/NDF:2630822354215227 9

Left In: -2.328+/-0.000 χ^2/NDF:6461914311520642499750393806848.0/2

All: 0.040+/-0.000 χ^2/NDF: 6302596451969 9

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

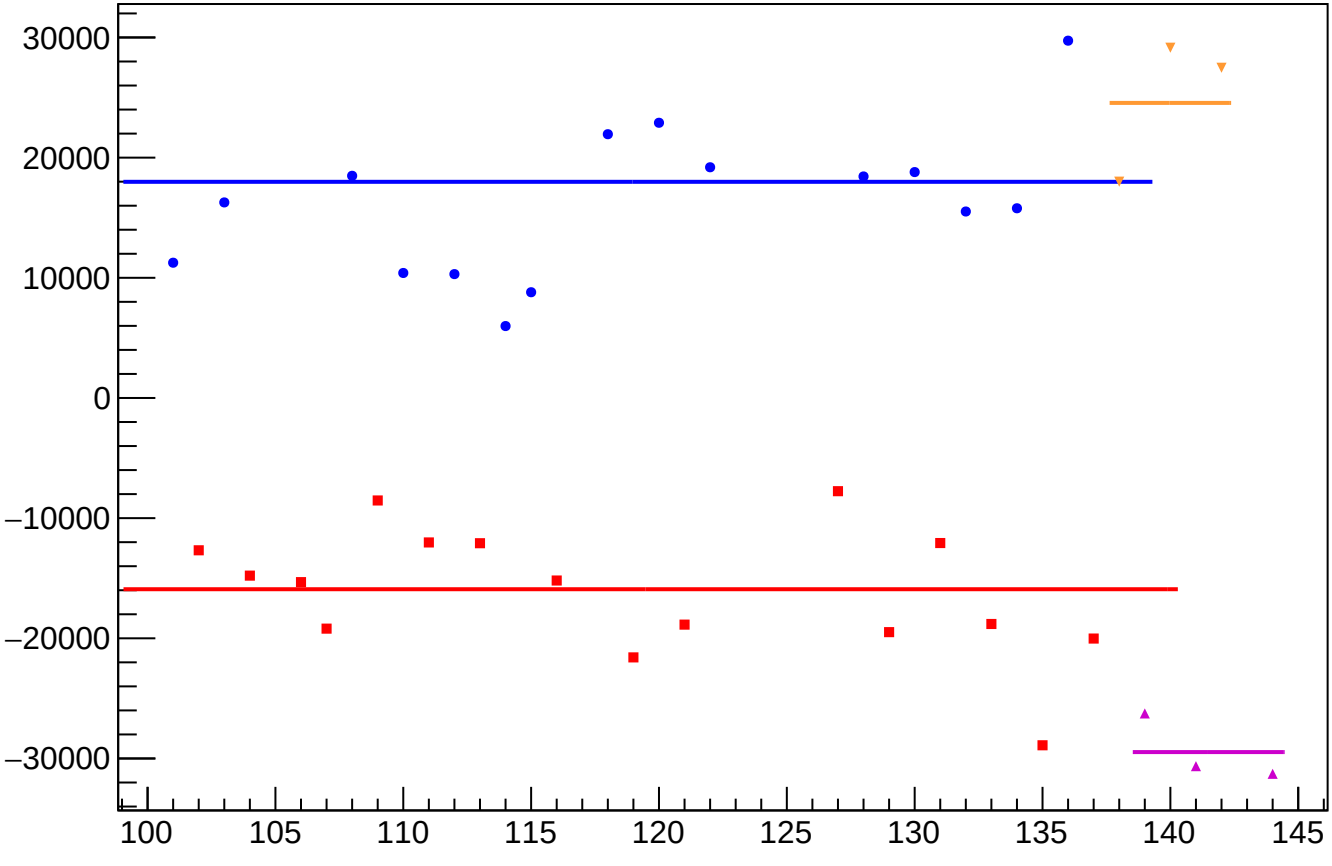
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288 4992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_usl_coil1_mean vs Slug, Sign Corrected



Left: -5327.486+/-0.000 χ^2/NDF: 33925974162336

Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14

Right: 804.617+/-0.000 χ^2/NDF: 422864756621879

Left Out: 24554.423+/-0.000 χ^2/NDF:5474141393484236201179337731011824844800.0/2

In: 4601.936+/-0.000 χ^2/NDF:4383387070769501

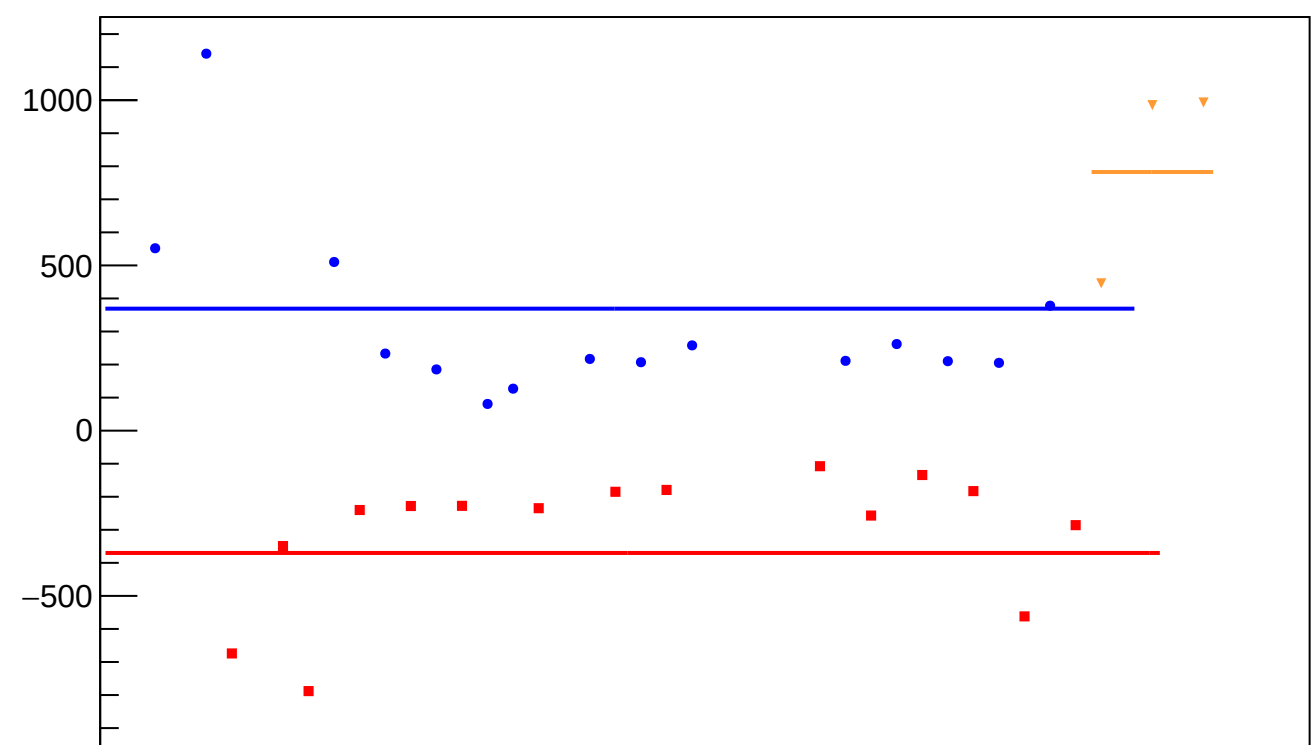
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15

Out: -6365.688+/-0.000 χ^2/NDF:28320150147503

Left In: -29467.381+/-0.000 χ^2/NDF:1245023516567454816593882745054712299520.0/2

All: -786.210+/-0.000 χ^2/NDF: 7749622275 2

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -228.413+/-0.000 χ^2/NDF: 395177706988183

Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14

Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500

Left Out: 782.643+/-0.000 χ^2/NDF:1424464809572156011937168818633179136 0.0/2

In: -29.793+/-0.000 χ^2/NDF:4145031617888373 1

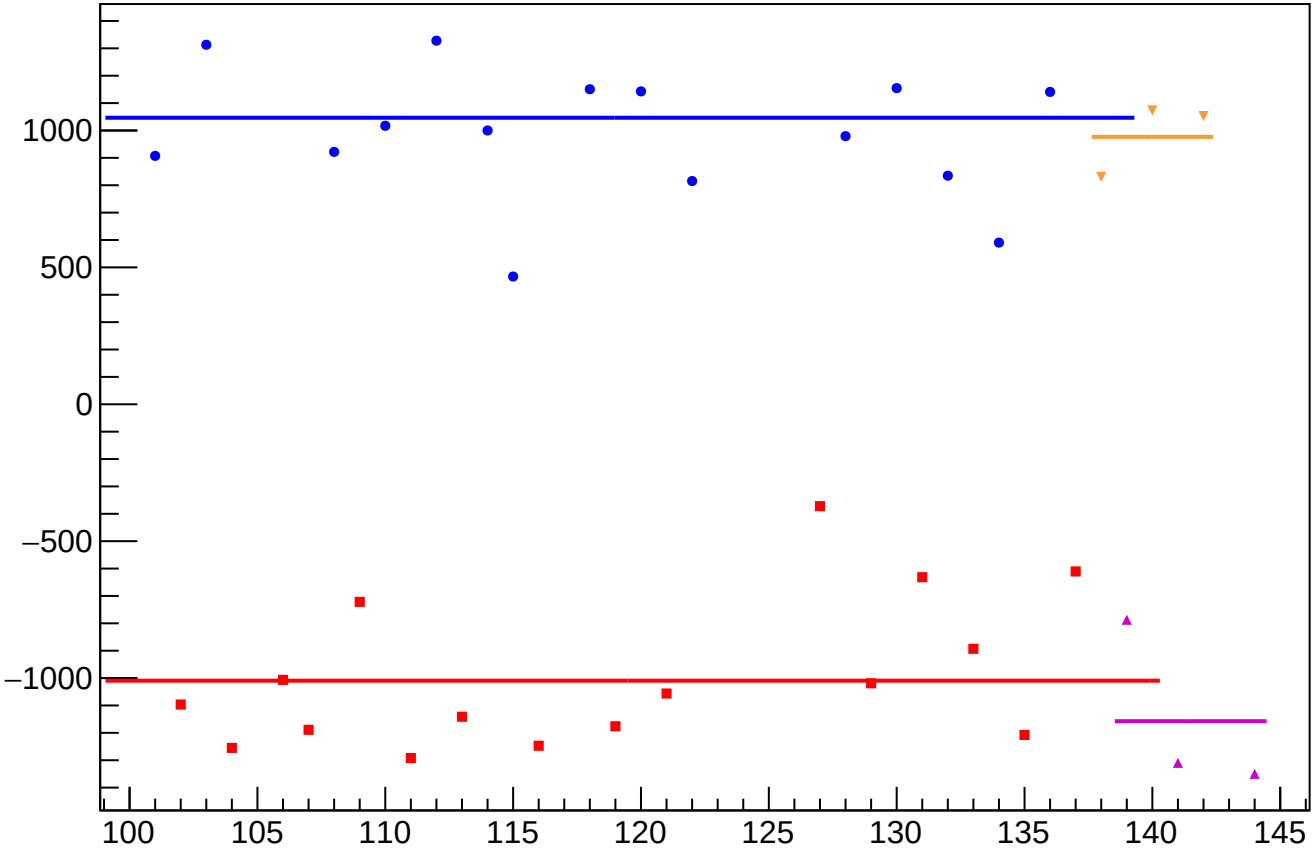
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15

Out: -98.083+/-0.000 χ^2/NDF:2715992752478790

Left In: -1045.188+/-0.000 χ^2/NDF:2366225595491399349020120021498593 28.0/2

All: -63.342+/-0.000 χ^2/NDF: 688173583356

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -203.774+/-0.000 χ^2/NDF: 538106526755363

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: 976.786+/-0.000 χ^2/NDF:2688965841683988916568819627152375808.0/2

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

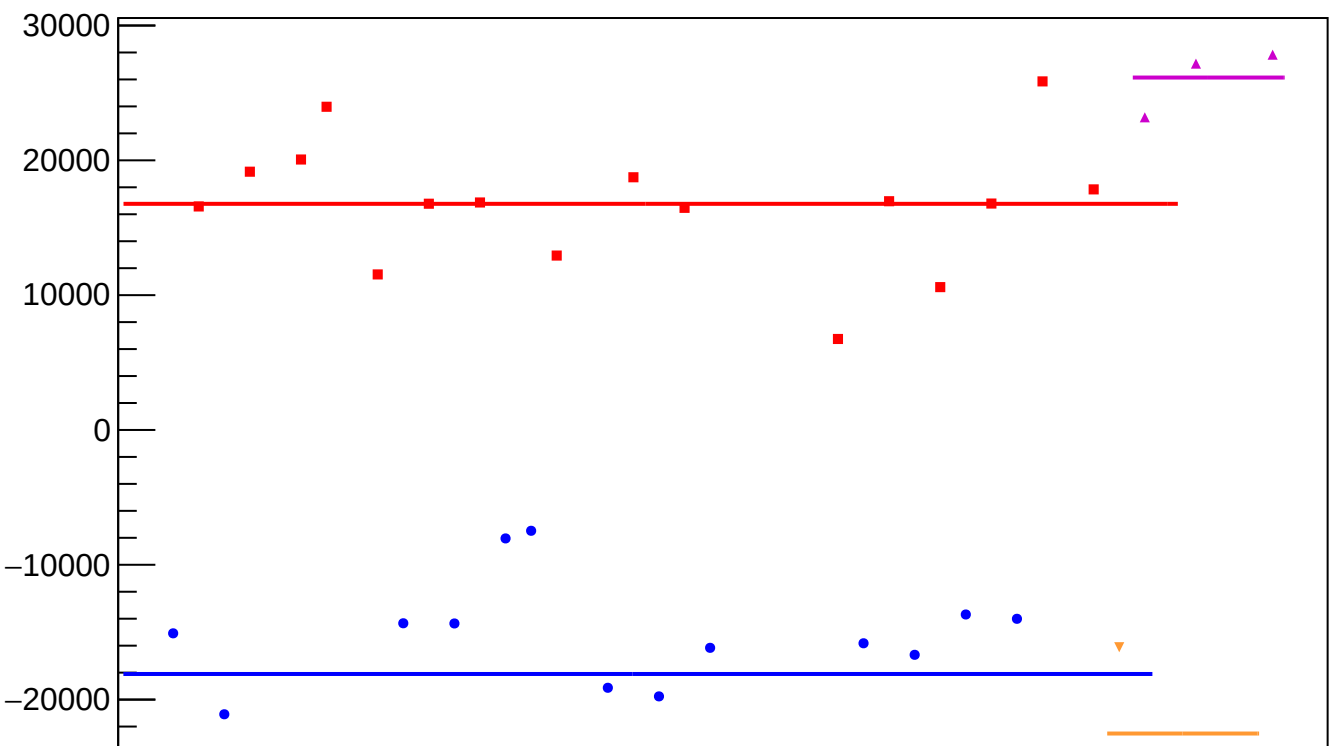
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: -540.758+/-0.000 χ^2/NDF:668216000171137

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

All: -49.560+/-0.000 χ^2/NDF: 201276005959

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 982.374+/-0.000 χ^2/NDF: 3177527860855766

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -22517.481+/-0.000 χ^2/NDF:4534630714000650706542121281932276793344.0/3

In: -5620.960+/-0.000 χ^2/NDF:374013386961369

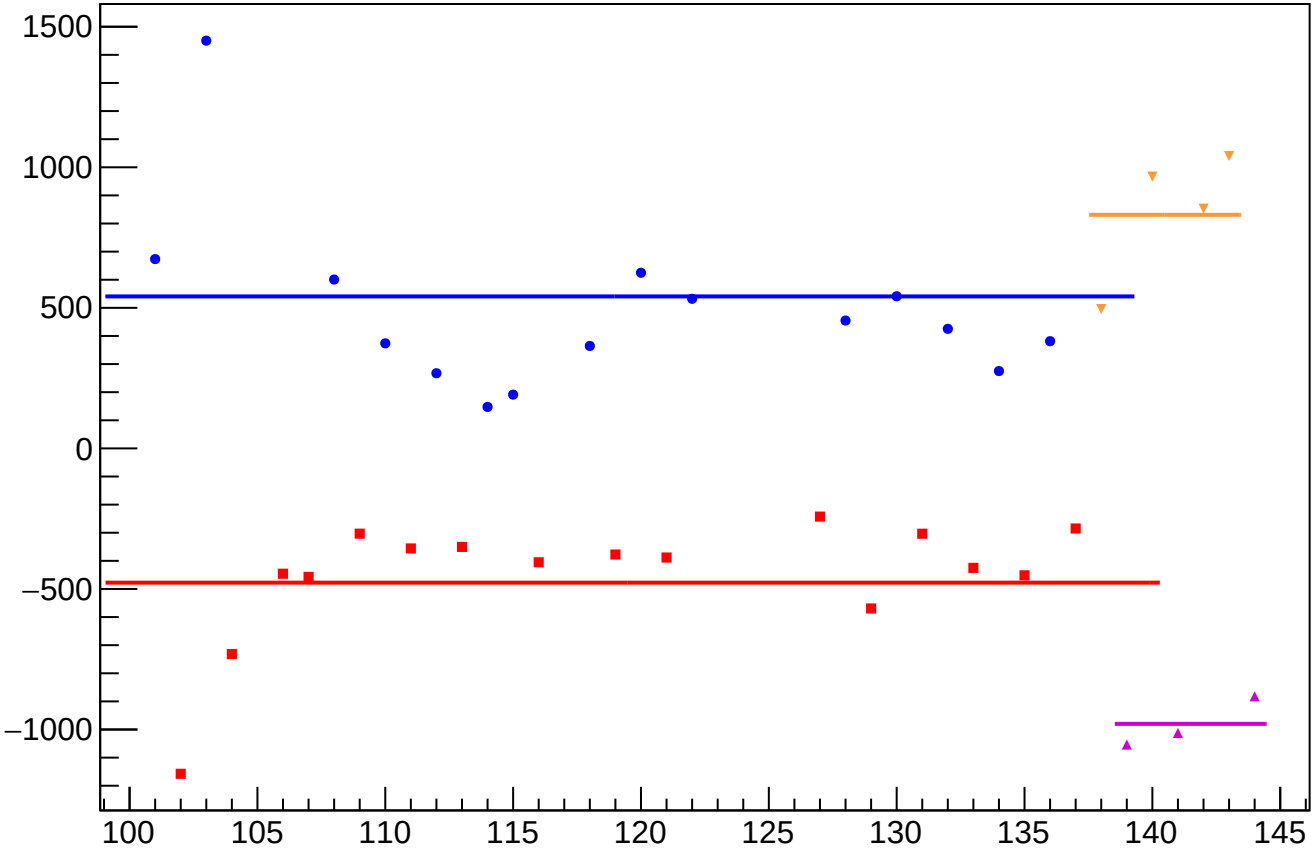
Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Out: 5362.470+/-0.000 χ^2/NDF:31782253662101 1

Left In: 26141.042+/-0.000 χ^2/NDF:1051321681750423467129889898603198021632.0/2

All: -22.032+/-0.000 χ^2/NDF: 747427796614

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Left: -43.601+/-0.000 χ^2/NDF: 4469211780539324

Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

Left Out: 830.909+/-0.000 χ^2/NDF:13237462807262854581391800165948456960.0/3

In: 111.760+/-0.000 χ^2/NDF:4891745335770082

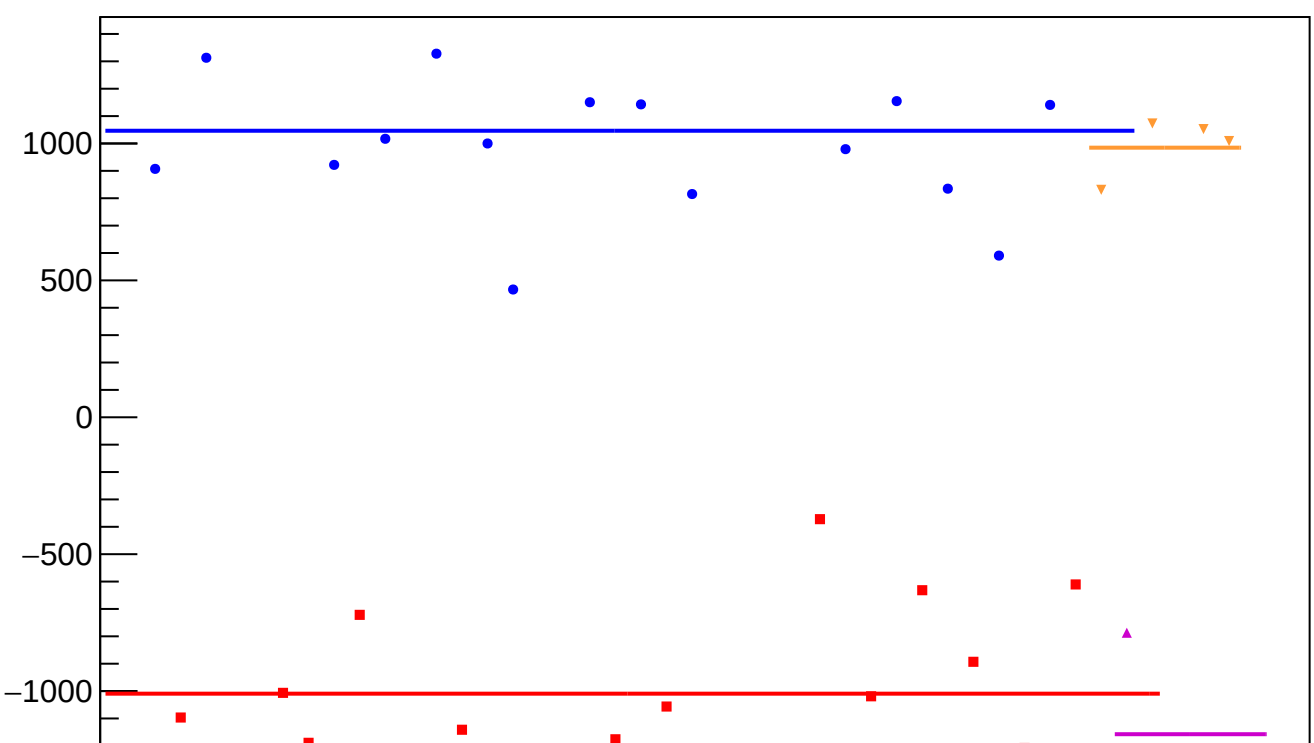
Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Out: -97.537+/-0.000 χ^2/NDF:3836843019151895

Left In: -979.840+/-0.000 χ^2/NDF:13834779129447353098587541150158028 80.0/2

All: 5.068+/-0.000 χ^2/NDF: 8930453711384 6

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

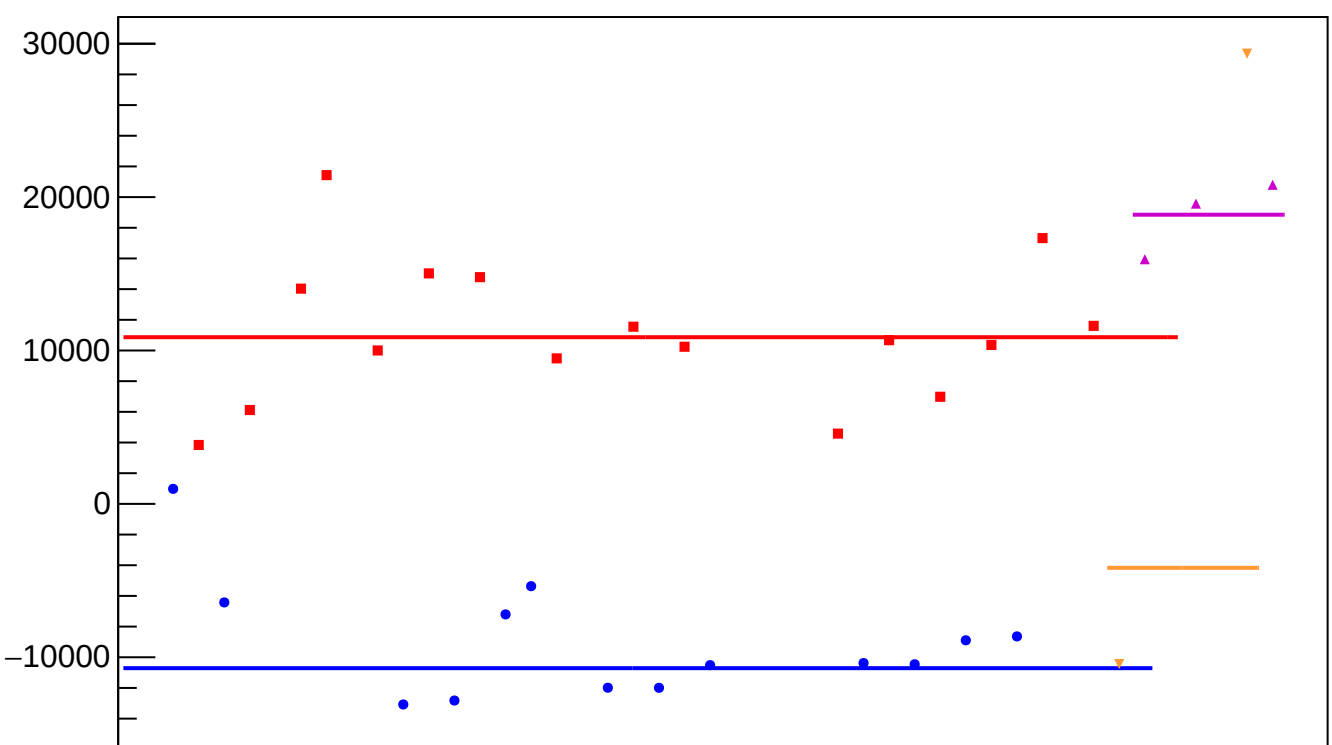
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 6949.861+/-0.000 χ^2/NDF: 173407420756401

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -4168.212+/-0.000 χ^2/NDF:102468316429632460023050678513723661877248.0/3

In: -2371.163+/-0.000 χ^2/NDF:178008294673692

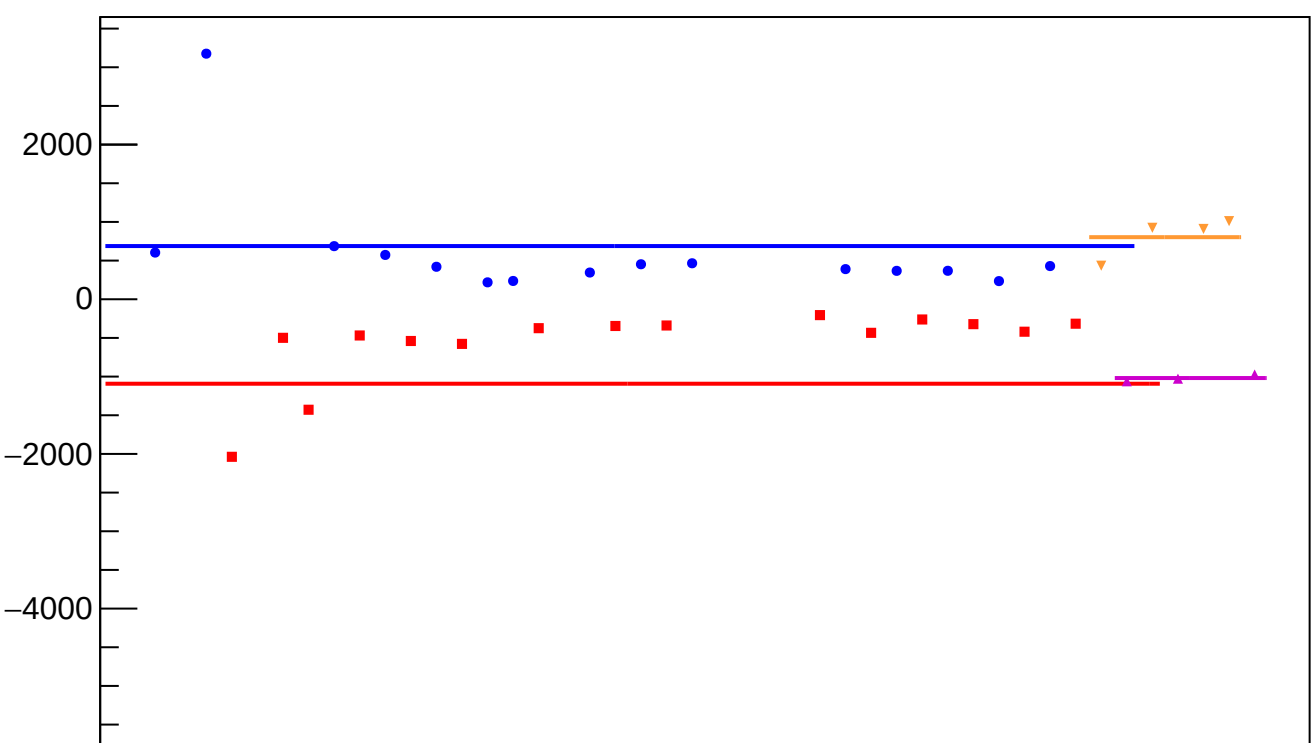
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: 6499.868+/-0.000 χ^2/NDF:160489275133532

Left In: 18852.739+/-0.000 χ^2/NDF:1065132879651684570838491681269619884032.0/2

All: 2150.946+/-0.000 χ^2/NDF: 3747622277 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -76.946+/-0.000 χ^2/NDF: 4530411402206076

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 802.796+/-0.000 χ^2/NDF:1521805206156784855357451859426436710 4.0/3

In: 206.506+/-0.000 χ^2/NDF:9428975087008118

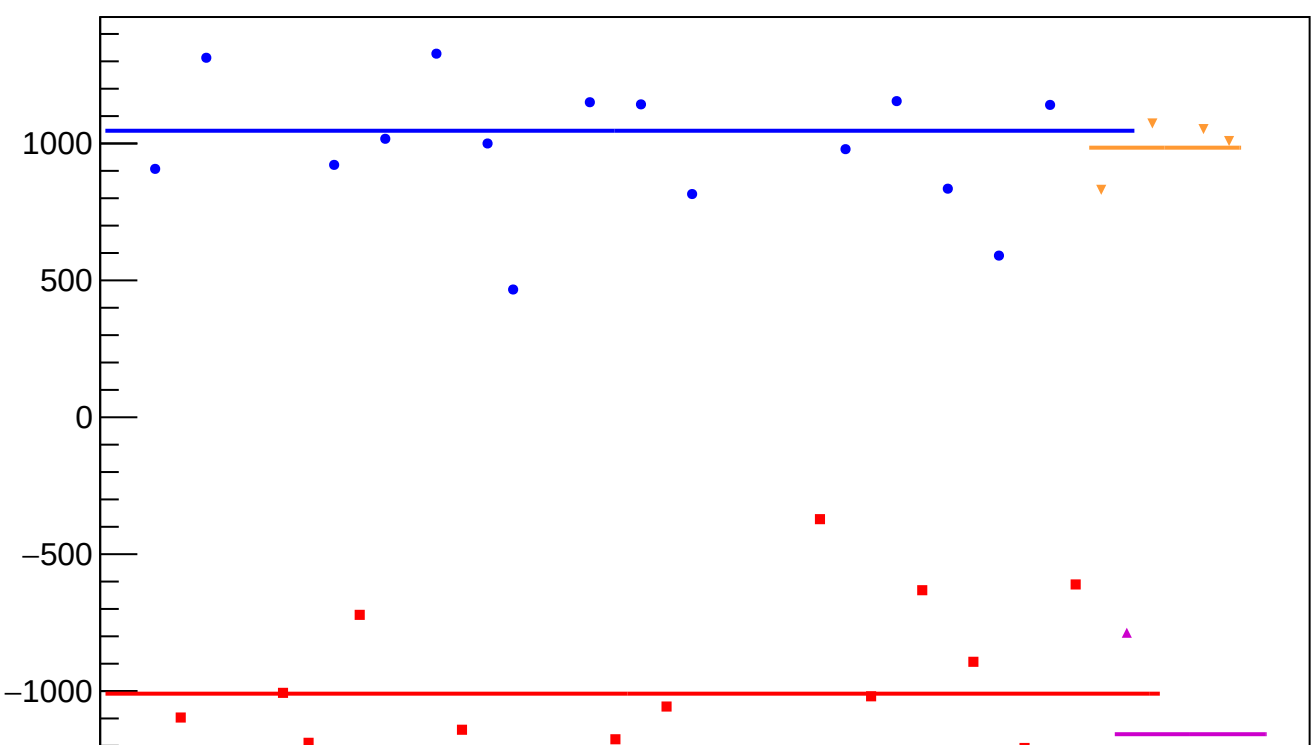
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -541.891+/-0.000 χ^2/NDF:259409196187048

Left In: -1018.786+/-0.000 χ^2/NDF:3348225377596981361812276121153044 48.0/2

All: -174.998+/-0.000 χ^2/NDF: 37950963793

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

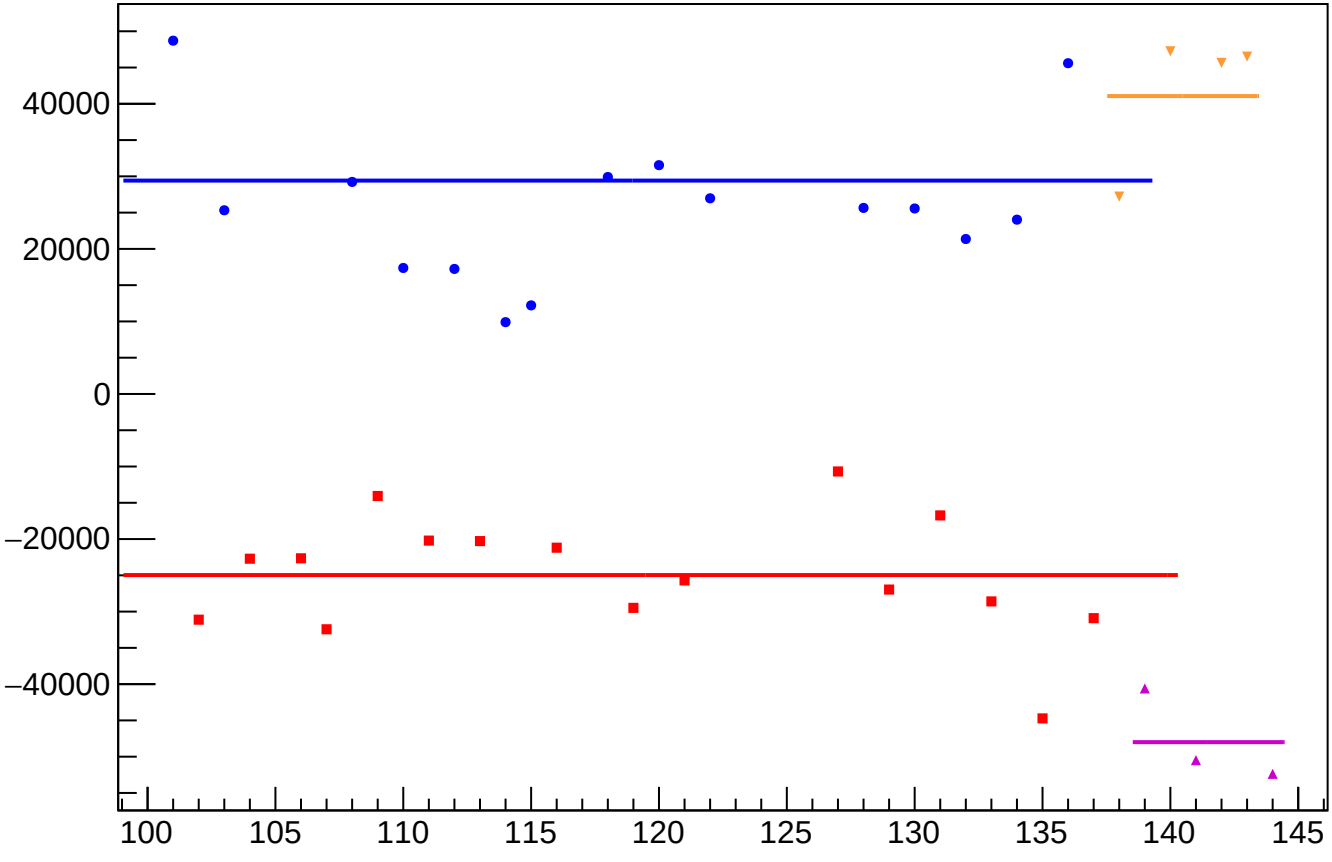
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_atl2_coil1_mean vs Slug, Sign Corrected



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Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 41066.759+/-0.000 χ^2/NDF:2104607011994214967938315690578513231872 0.0/3

In: 7580.003+/-0.000 χ^2/NDF:1175434998653113

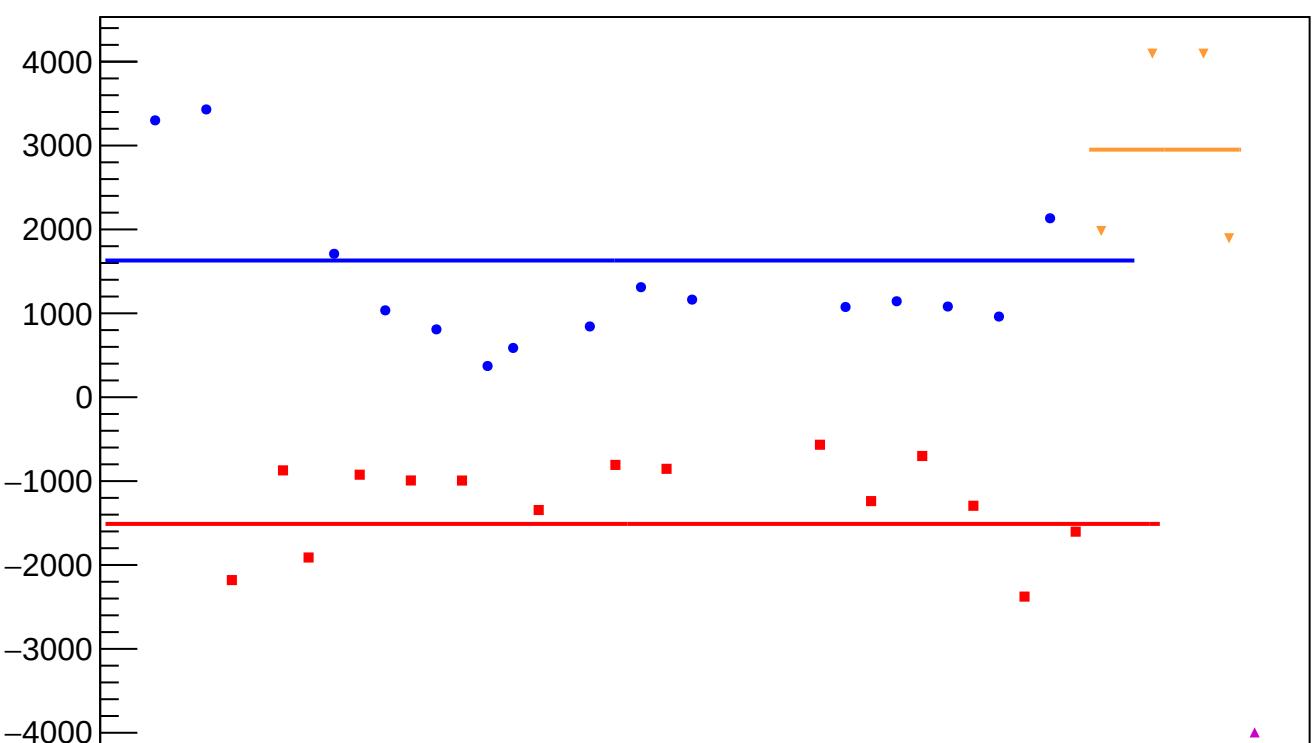
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

Out: -5786.279+/-0.000 χ^2/NDF:91125646239861

Left In: -47994.318+/-0.000 χ^2/NDF:6655834418531099913147687935756289966080.0/2

All: 766.388+/-0.000 χ^2/NDF: 21690211730 5

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Left: -554.882+/-0.000 χ^2/NDF: 728222410509196

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

Left Out: 2951.104+/-0.000 χ^2/NDF:3156661909985937543426533988155942502 40.0/3

In: -45.416+/-0.000 χ^2/NDF:7024798773036684 6

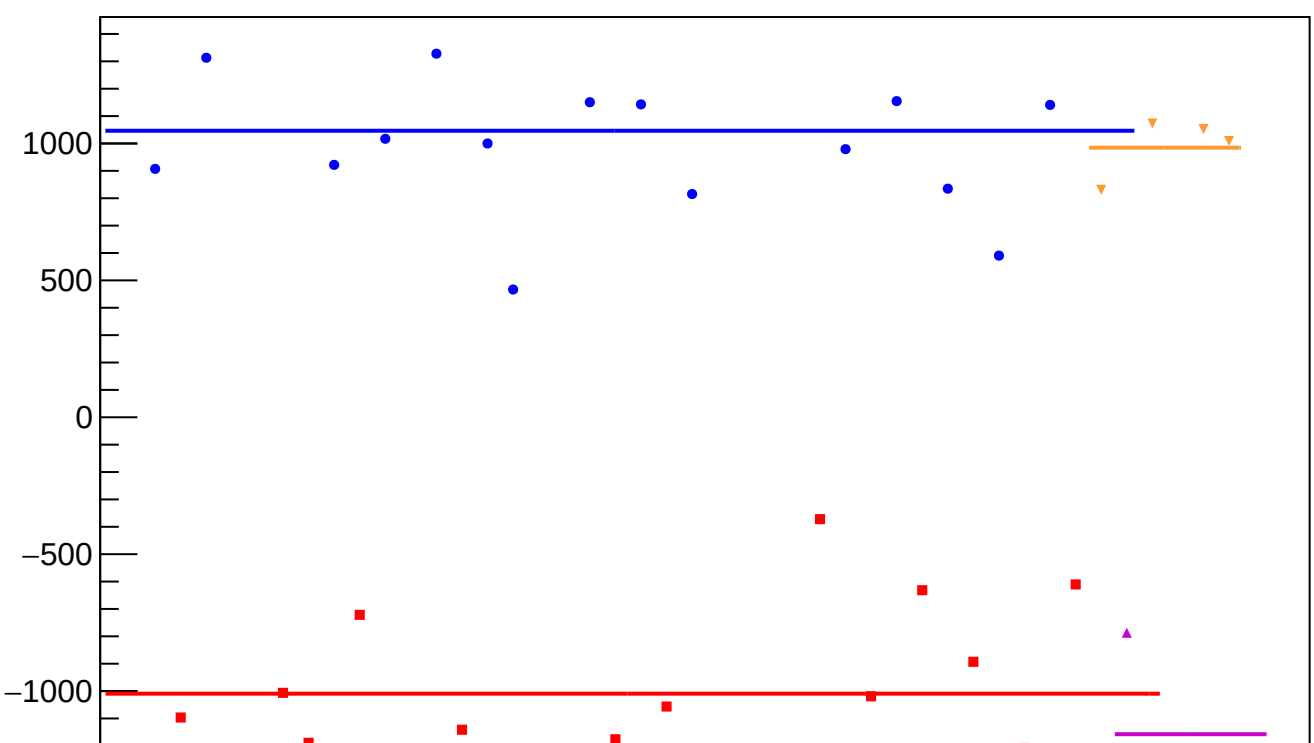
Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Out: -214.590+/-0.000 χ^2/NDF:485959000417811

Left In: -4308.350+/-0.000 χ^2/NDF:1828664443300291614307832391804754329 6.0/2

All: -131.654+/-0.000 χ^2/NDF: 1189757357

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

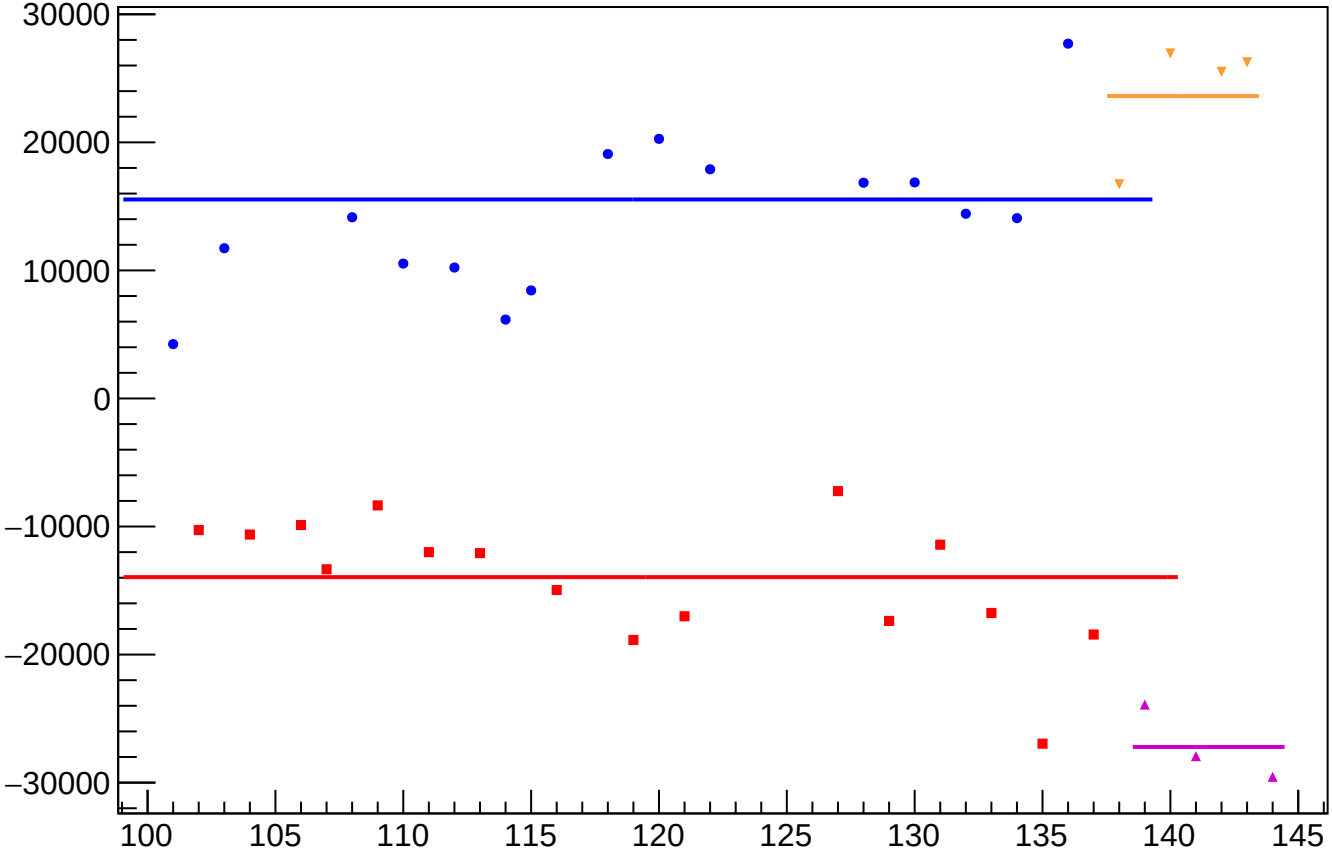
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288 4992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_atr1_coil1_mean vs Slug, Sign Corrected



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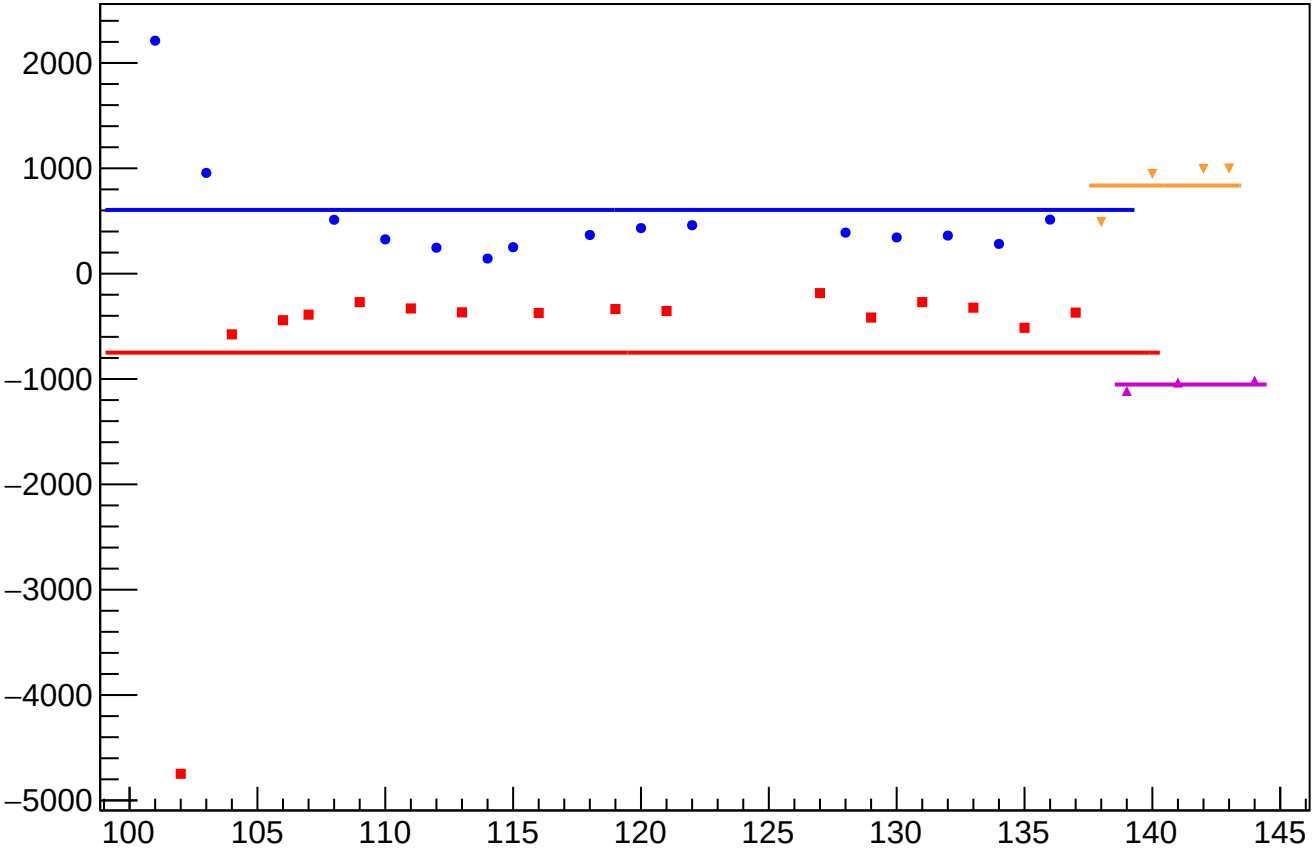
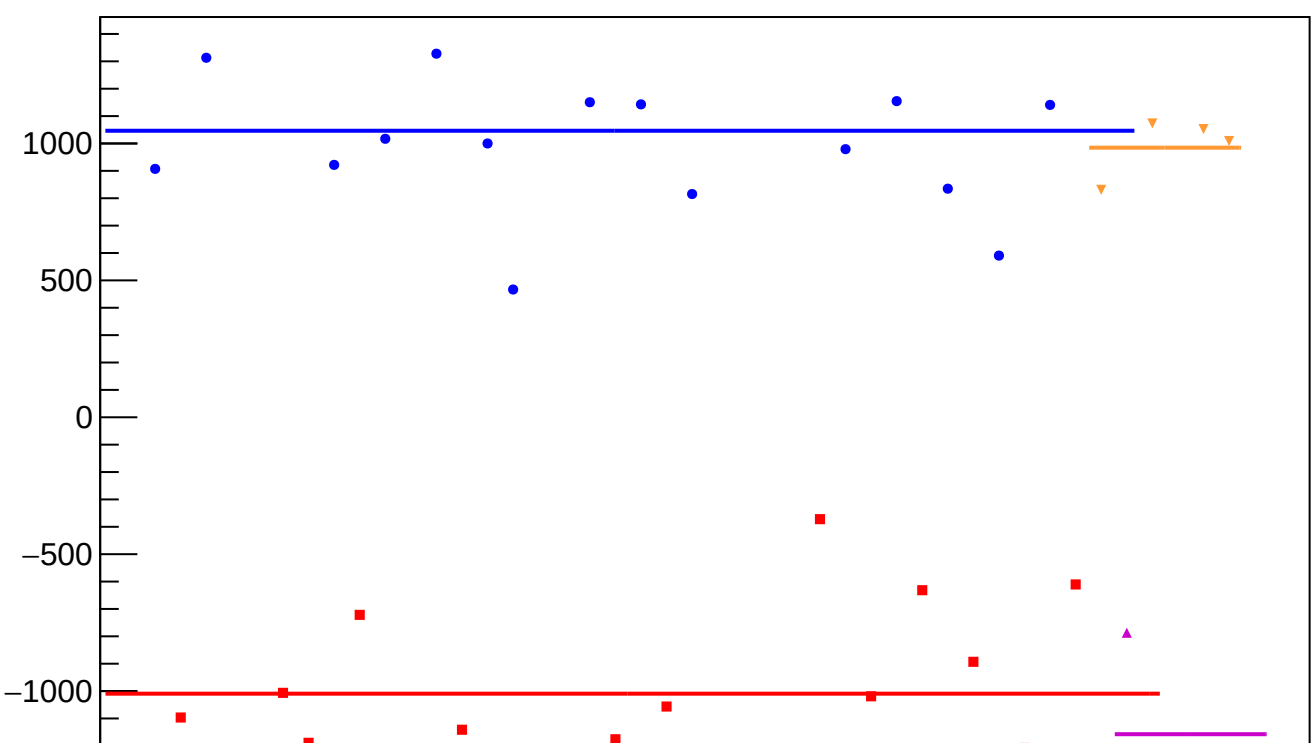
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 23614.136+/-0.000 χ^2/NDF:5239184590036378811971075138202160332800.0/3
In: 3480.377+/-0.000 χ^2/NDF:363454032899887 3
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: -3041.692+/-0.000 χ^2/NDF:29556211633735
Left In: -27214.548+/-0.000 χ^2/NDF:1415581609744082944937911521834040295424.0/2
All: 155.678+/-0.000 χ^2/NDF: 67861840984 5

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Left: -75.480+/-0.000 χ^2/NDF: 4842567405640596
Right In: 605.034+/-0.000 χ^2/NDF: 189401522791607614448600157723362852864.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 836.904+/-0.000 χ^2/NDF:132361422458280203579015997233697914 88.0/3
In: 137.543+/-0.000 χ^2/NDF:6926937237510330
Right Out: -749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
Out: -288.826+/-0.000 χ^2/NDF:152216089842299
Left In: -1052.268+/-0.000 χ^2/NDF:463732471152790855193091093129330688.0/2
All: -79.804+/-0.000 χ^2/NDF: 229862805511

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

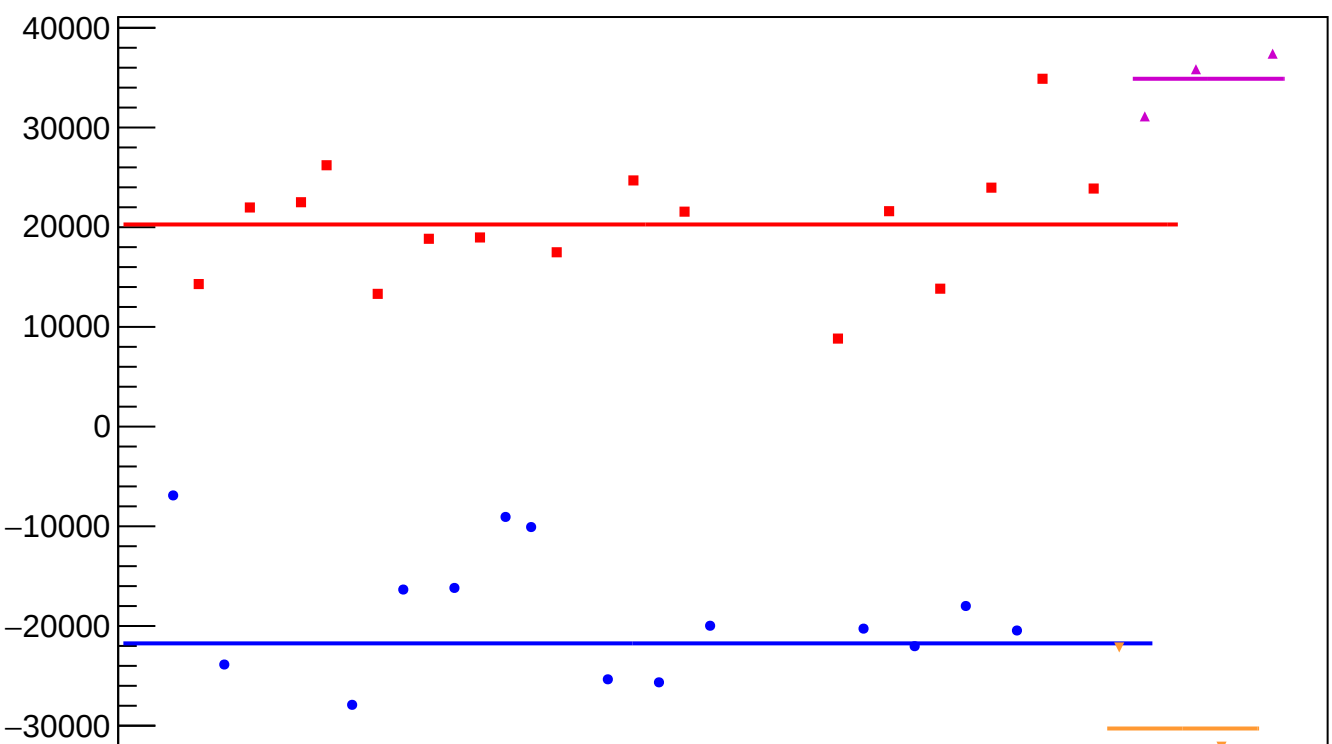
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_atr2_coil1_mean vs Slug, Sign Corrected



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Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

Right: -446.610+/-0.000 χ^2/NDF: 64780902874572

Left Out: -30282.271+/-0.000 χ^2/NDF:7388744856184900054168561337066175070208.0/3

In: -5768.541+/-0.000 χ^2/NDF:630045442367861

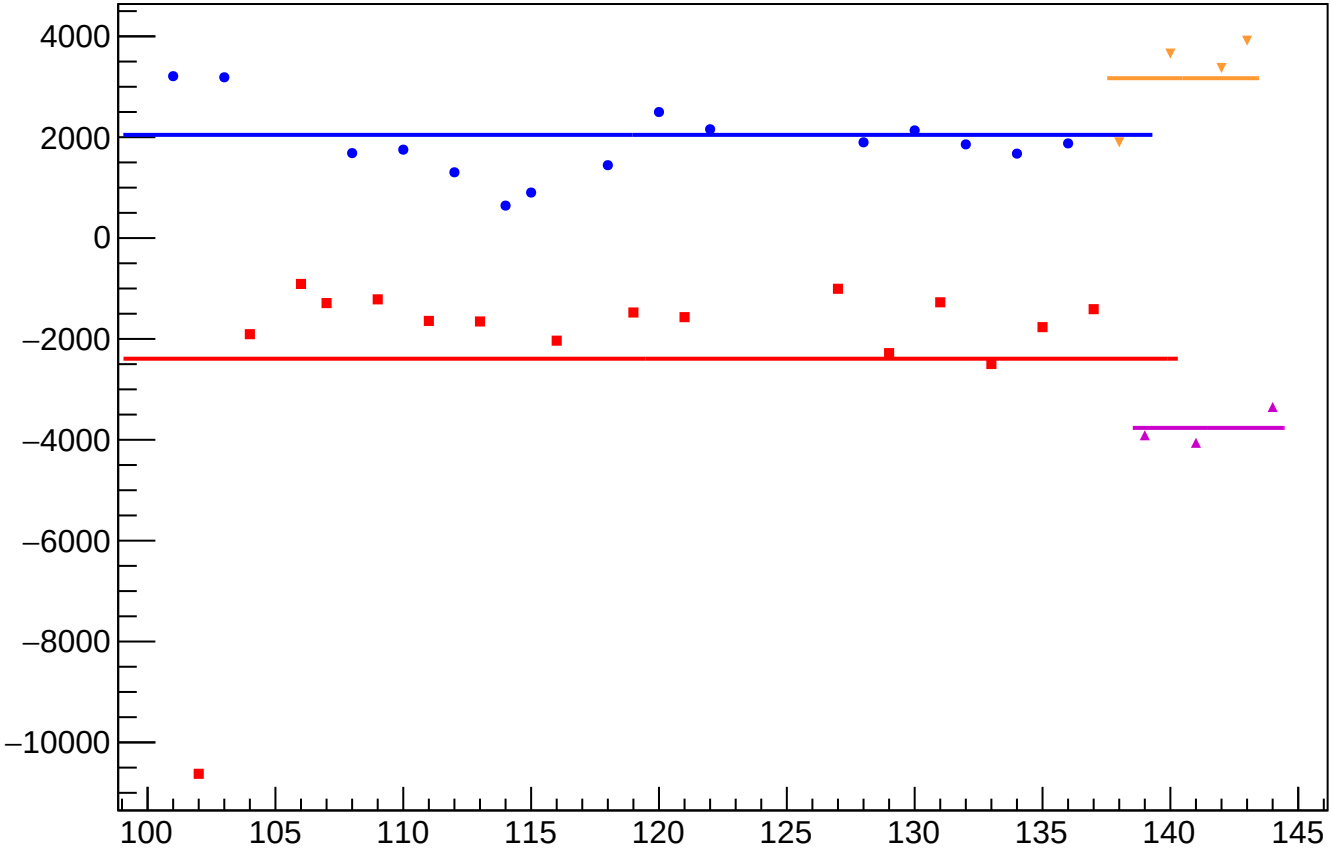
Right Out: 20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

Out: 5592.172+/-0.000 χ^2/NDF:52847257487105 0

Left In: 34888.940+/-0.000 χ^2/NDF:1794297976607311441640009436121891078144.0/2

All: 22.712+/-0.000 χ^2/NDF: 1217994673191

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -178.747+/-0.000 χ^2/NDF: 654777977518243

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Right: -203.146+/-0.000 χ^2/NDF: 11161426338405

Left Out: 3169.927+/-0.000 χ^2/NDF:184631247266405720127844960372135034880.0/3

In: 407.428+/-0.000 χ^2/NDF:6471017494914674

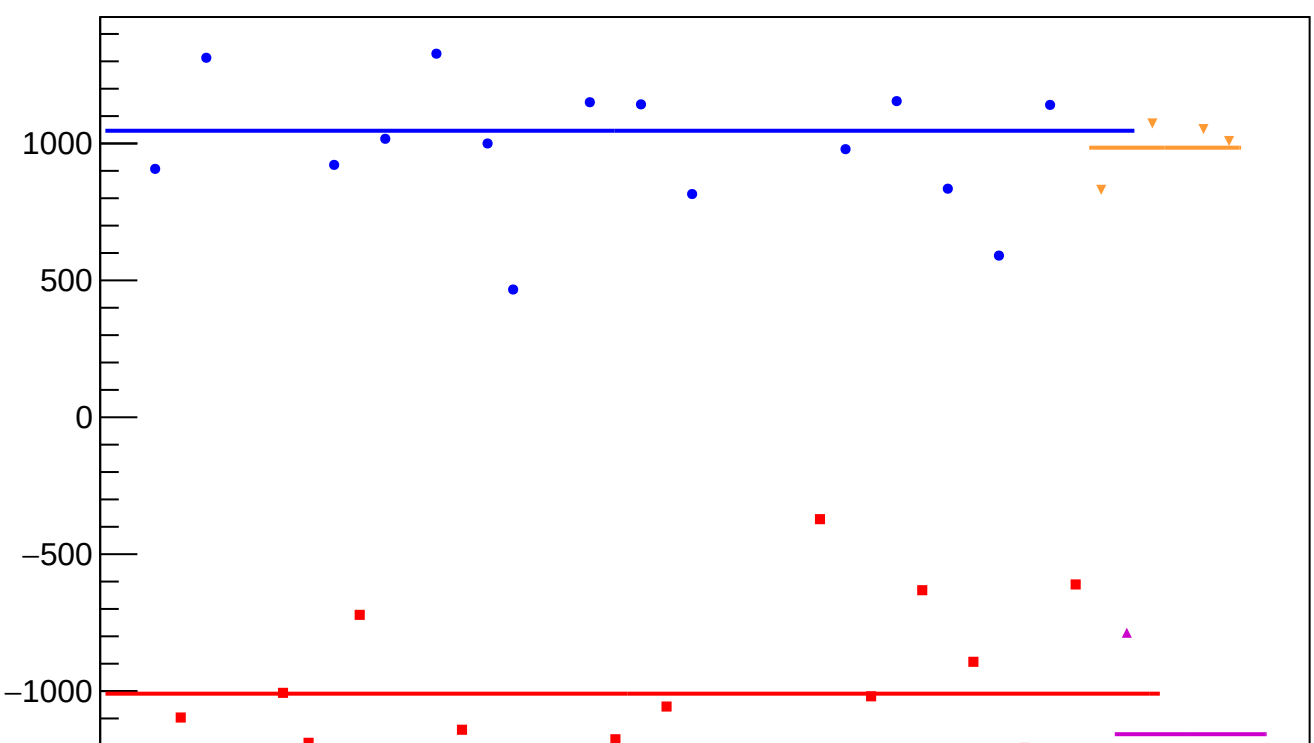
Right Out: -2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981900 8.0/15

Out: -776.631+/-0.000 χ^2/NDF:105923387543644

Left In: -3763.798+/-0.000 χ^2/NDF:244201325511393690948740380934736445 44.0/2

All: -196.159+/-0.000 χ^2/NDF: 1770943043 1

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

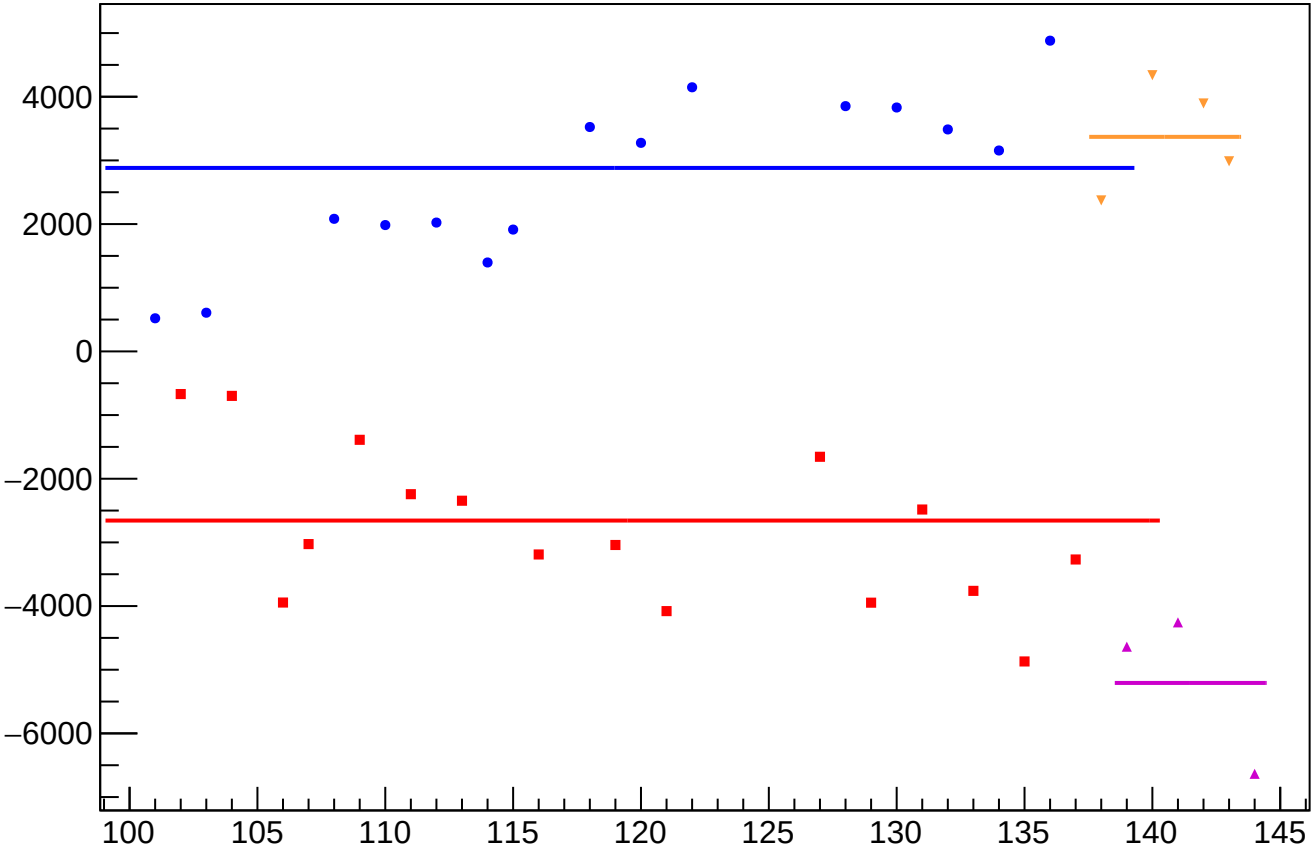
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

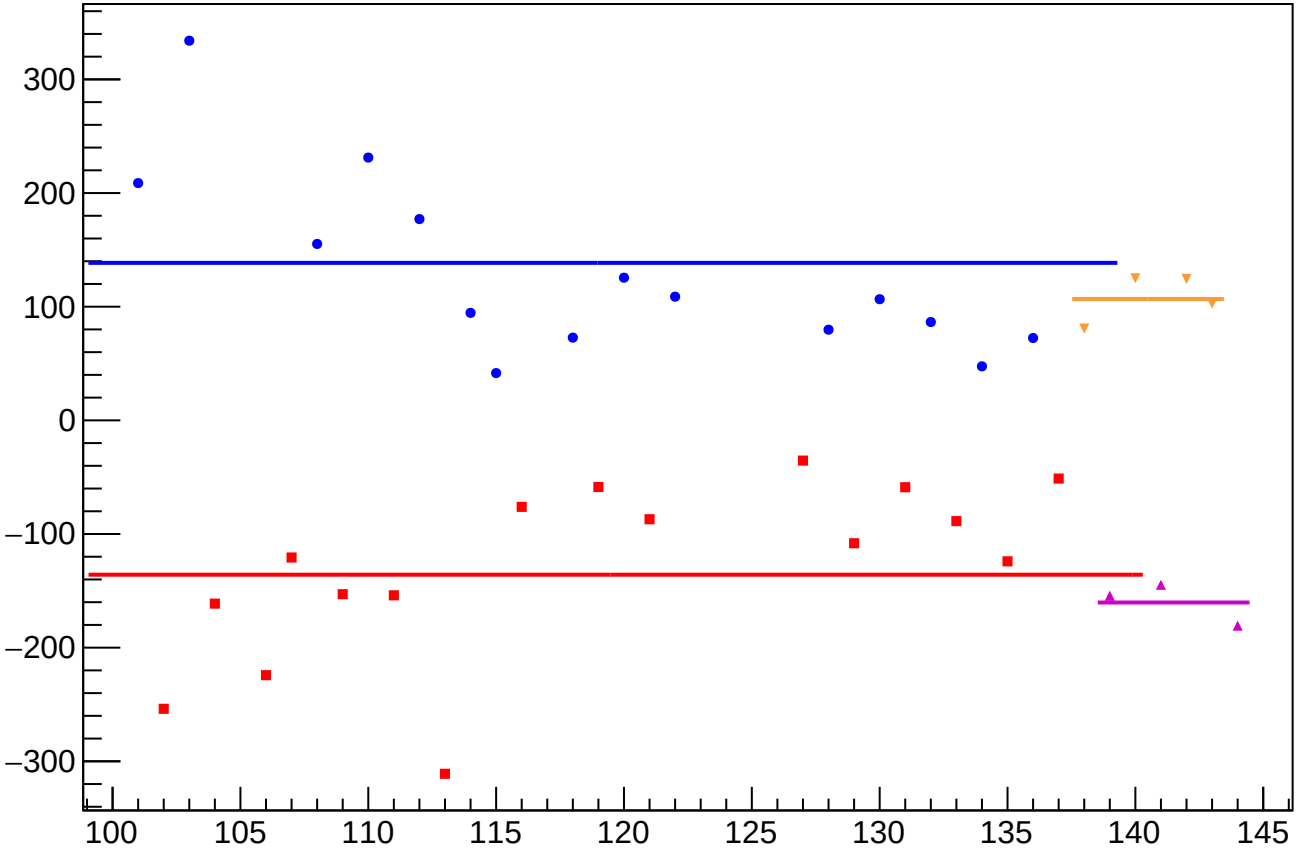
All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -772.612+/-0.000 χ^2/NDF: 101619685940557
Right In: 2881.935+/-0.000 χ^2/NDF: 13203193914965255336920823658788348231 68.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 3369.909+/-0.000 χ^2/NDF:17714141562303568569927113405221568512 0.0/3
In: 600.057+/-0.000 χ^2/NDF:1358485924048938 2
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: -906.574+/-0.000 χ^2/NDF:829103824960313
Left In: -5207.548+/-0.000 χ^2/NDF:2845087313084150210279504022784096337 92.0/2
All: -167.965+/-0.000 χ^2/NDF: 22921938807

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -22.189+/-0.000 χ^2/NDF: 9560075440864131

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 106.793+/-0.000 χ^2/NDF:9557785064157101662826700554947788 8.0/3

In: 54.277+/-0.000 χ^2/NDF:20653310255846957 2

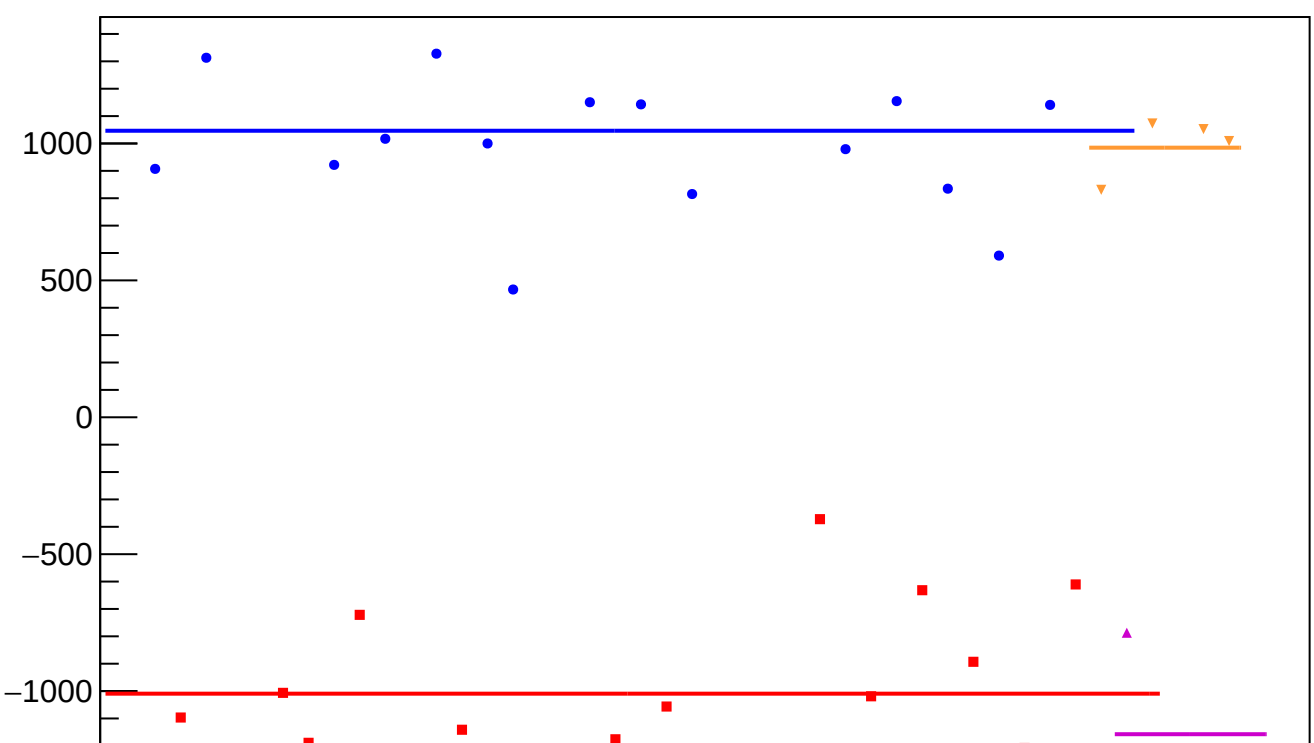
Right Out: -135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736437 76.0/15

Out: -65.351+/-0.000 χ^2/NDF:1545309887201309

Left In: -160.275+/-0.000 χ^2/NDF:605198589040757060543555354377584 64.0/2

All: -6.705+/-0.000 χ^2/NDF: 4270121071617

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

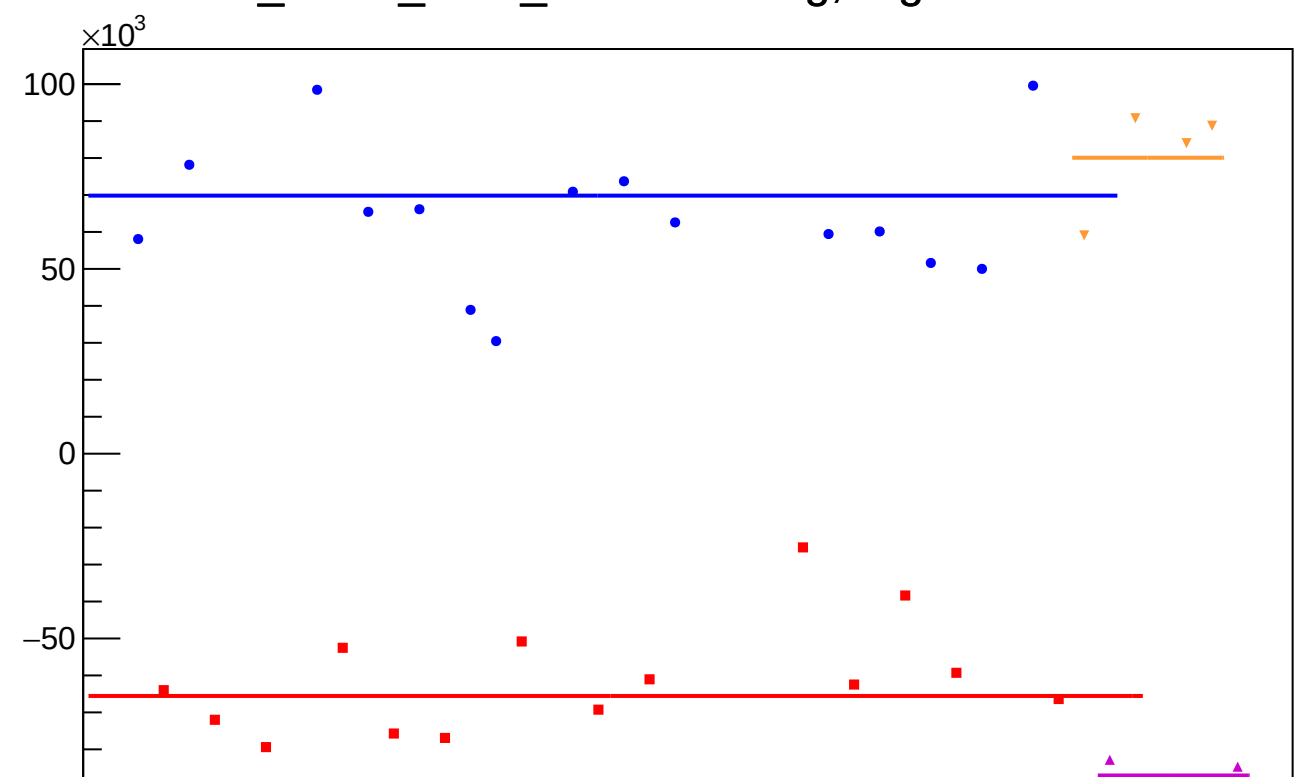
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -645.003+/-0.000 χ^2/NDF: 373879790240155

Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 80081.094+/-0.000 χ^2/NDF:4951003758388788134723161041211888762880 0.0/3

In: 25570.288+/-0.000 χ^2/NDF:469996872540938

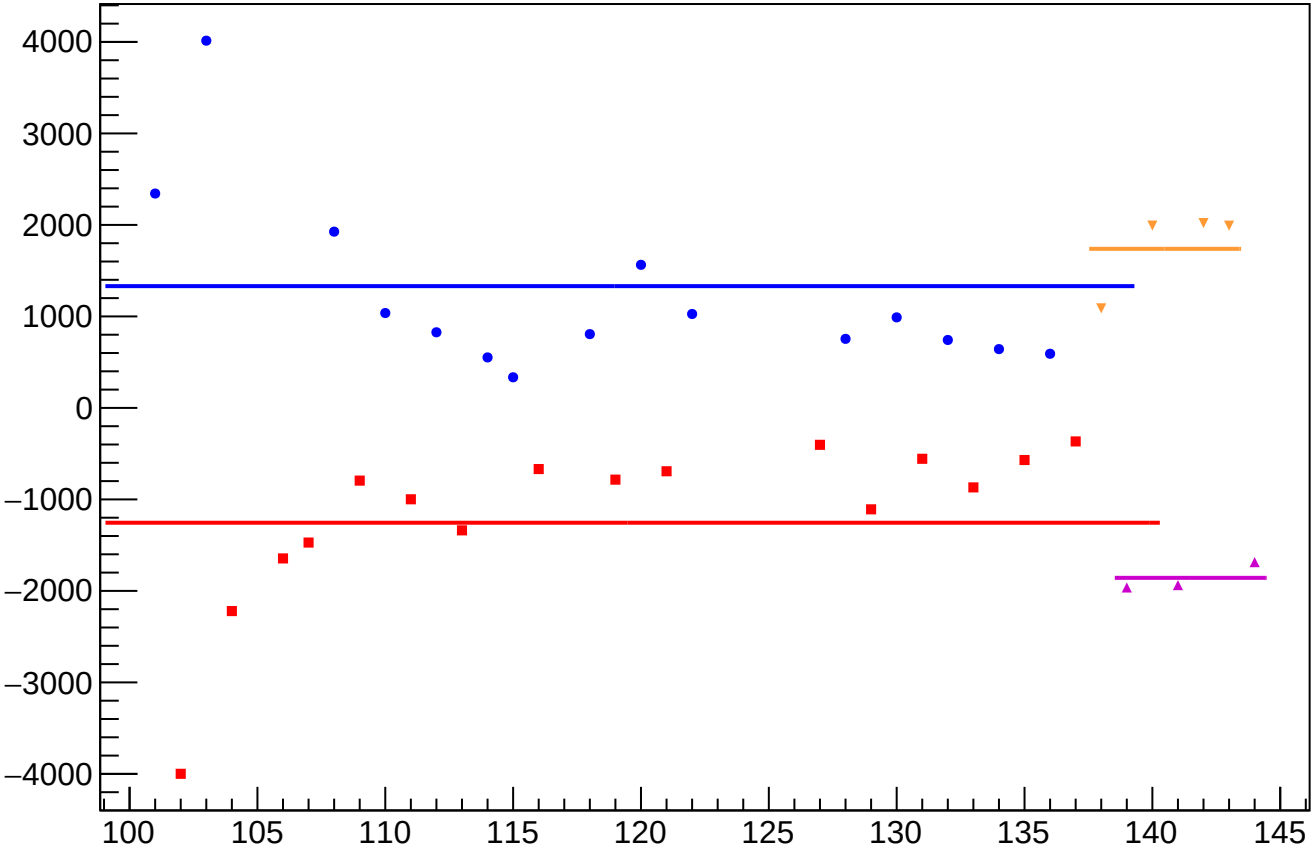
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: -23258.665+/-0.000 χ^2/NDF:4370165315605

Left In: -87069.413+/-0.000 χ^2/NDF:5587486066089386984440336610668761317376.0/2

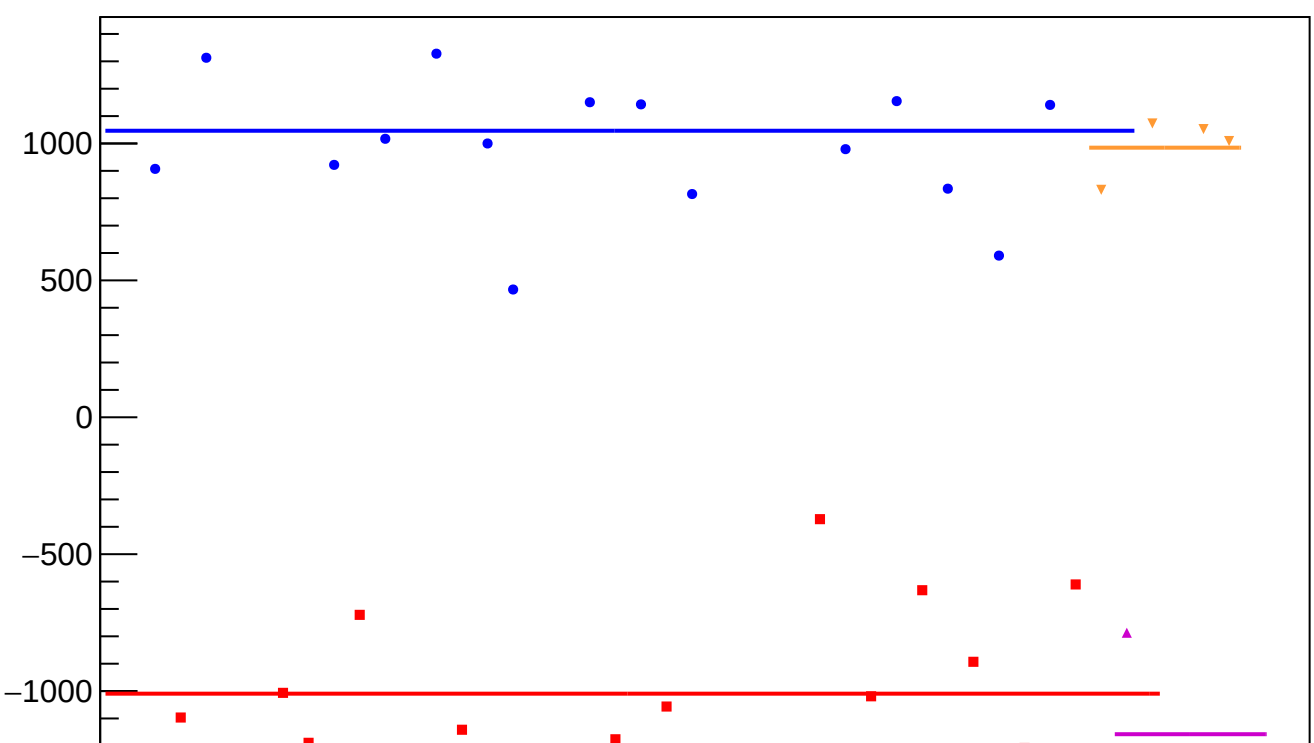
All: 679.173+/-0.000 χ^2/NDF: 10168862008

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Left: 2.001+/-0.000 χ^2/NDF: 17552441734067944
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1738.713+/-0.000 χ^2/NDF:4623740493367312221885460775890111692 8.0/3
In: 431.613+/-0.000 χ^2/NDF:2514438094163654
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: -385.458+/-0.000 χ^2/NDF:241435356616012
Left In: -1857.302+/-0.000 χ^2/NDF:4055310637003292541326244065063206912.0/2
All: 15.102+/-0.000 χ^2/NDF: 5236440399709

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

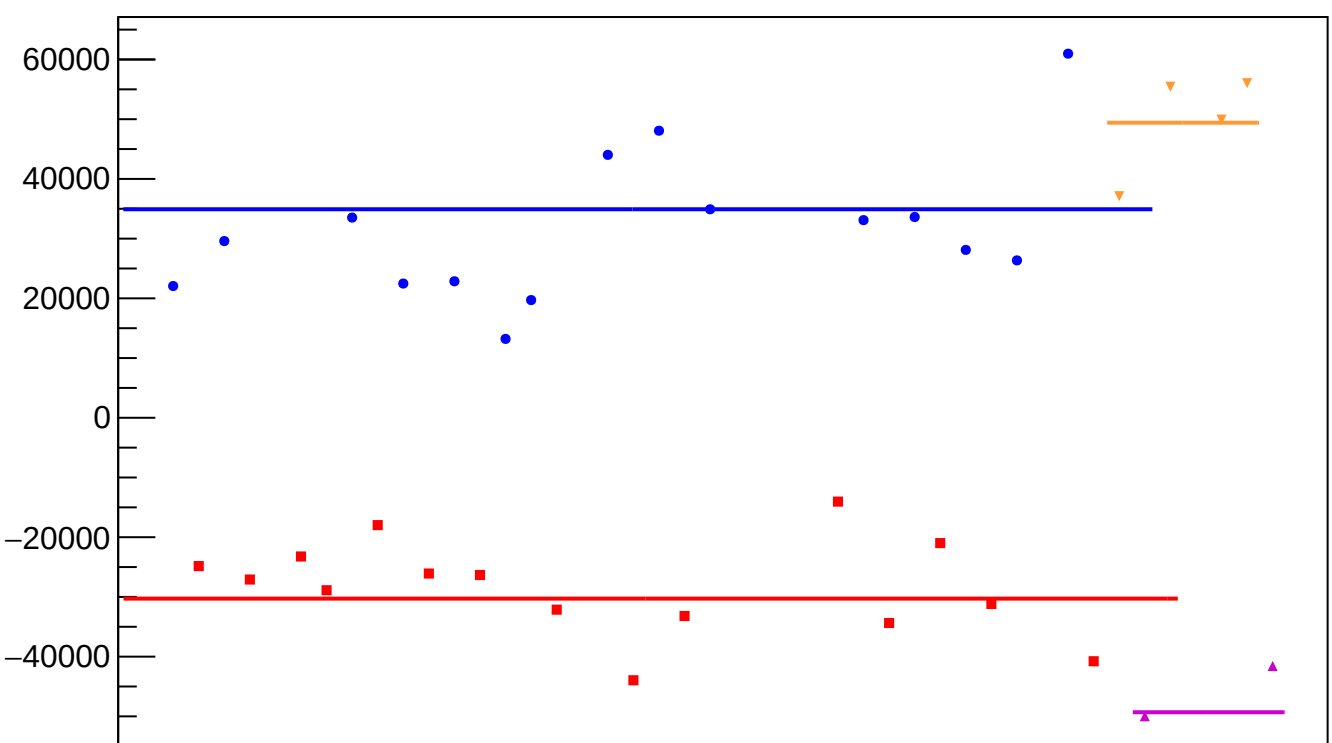
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288 4992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: 1733.331+/-0.000 χ^2/NDF: 131296393497669

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 49413.647+/-0.000 χ^2/NDF:17736165203842715061343433548903231782912.0/3

In: 11159.479+/-0.000 χ^2/NDF:14154182410372 8

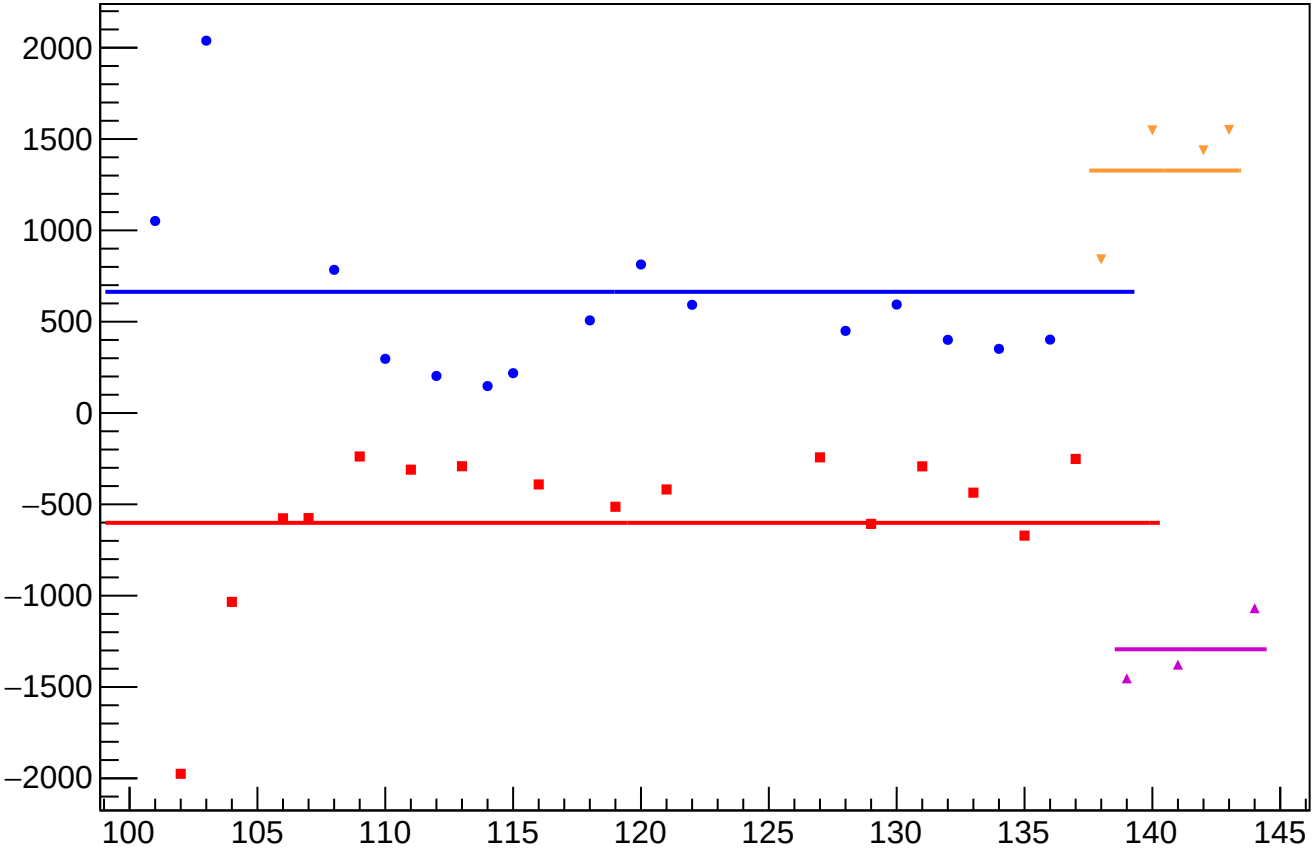
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306 7520.0/15

Out: -7136.614+/-0.000 χ^2/NDF:13364471169442

Left In: -49312.654+/-0.000 χ^2/NDF:1013455844371247510335177881401839478 3744.0/2

All: 1832.837+/-0.000 χ^2/NDF: 2906124916 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Left: 61.739+/-0.000 χ^2/NDF: 93921908450681216

Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14

Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641

Left Out: 1327.589+/-0.000 χ^2/NDF:2629214274822161691461867802729014886 4.0/3

In: 111.533+/-0.000 χ^2/NDF:8659996613738540 4

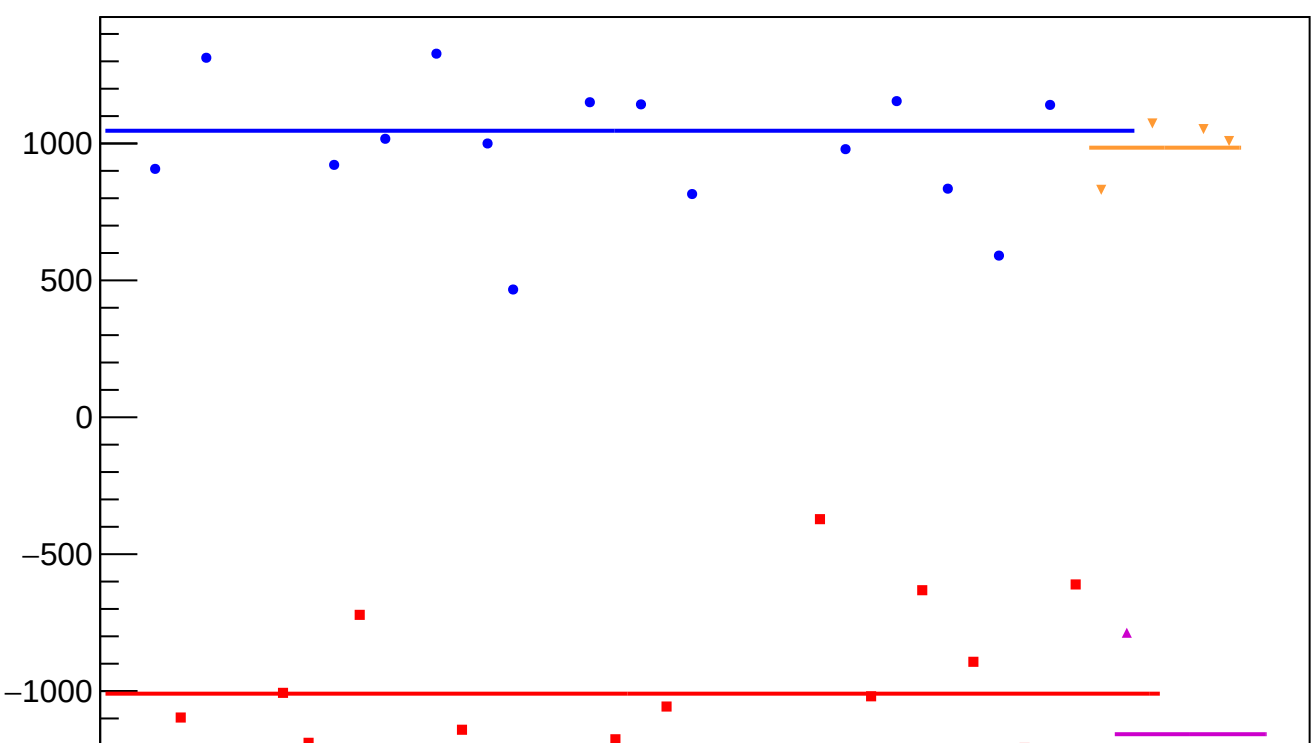
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15

Out: -41.042+/-0.000 χ^2/NDF:8966813174446703

Left In: -1293.464+/-0.000 χ^2/NDF:7151753375699380784094372930741338112.0/2

All: 33.756+/-0.000 χ^2/NDF: 1773408565249

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

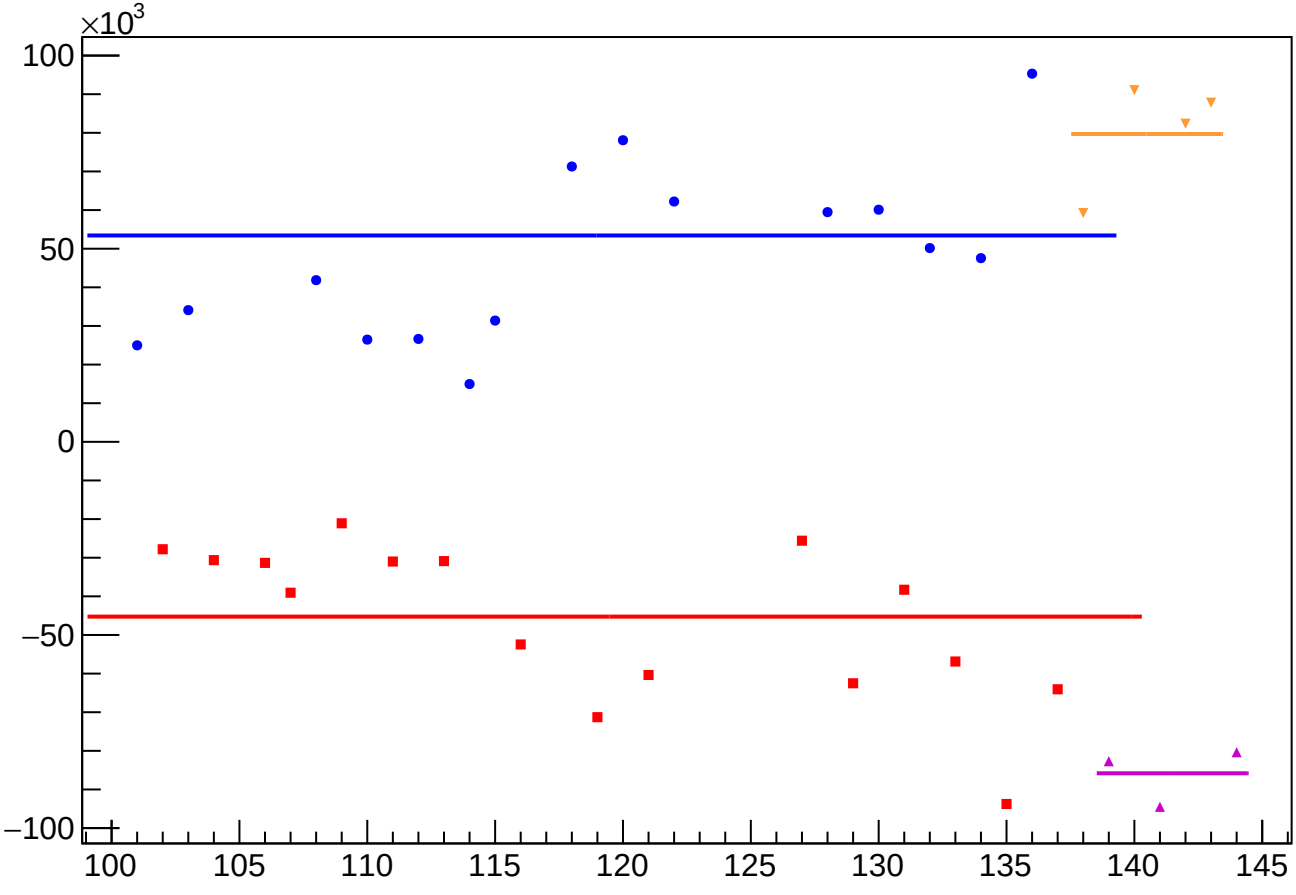
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -234.419+/-0.000 χ^2/NDF: 366911367732704

Right In: 53422.452+/-0.000 χ^2/NDF: 360635757315133800133751123167777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 79694.948+/-0.000 χ^2/NDF:479333040882855657298109461909194407936 00.0/3

In: 14148.979+/-0.000 χ^2/NDF:391918837149033

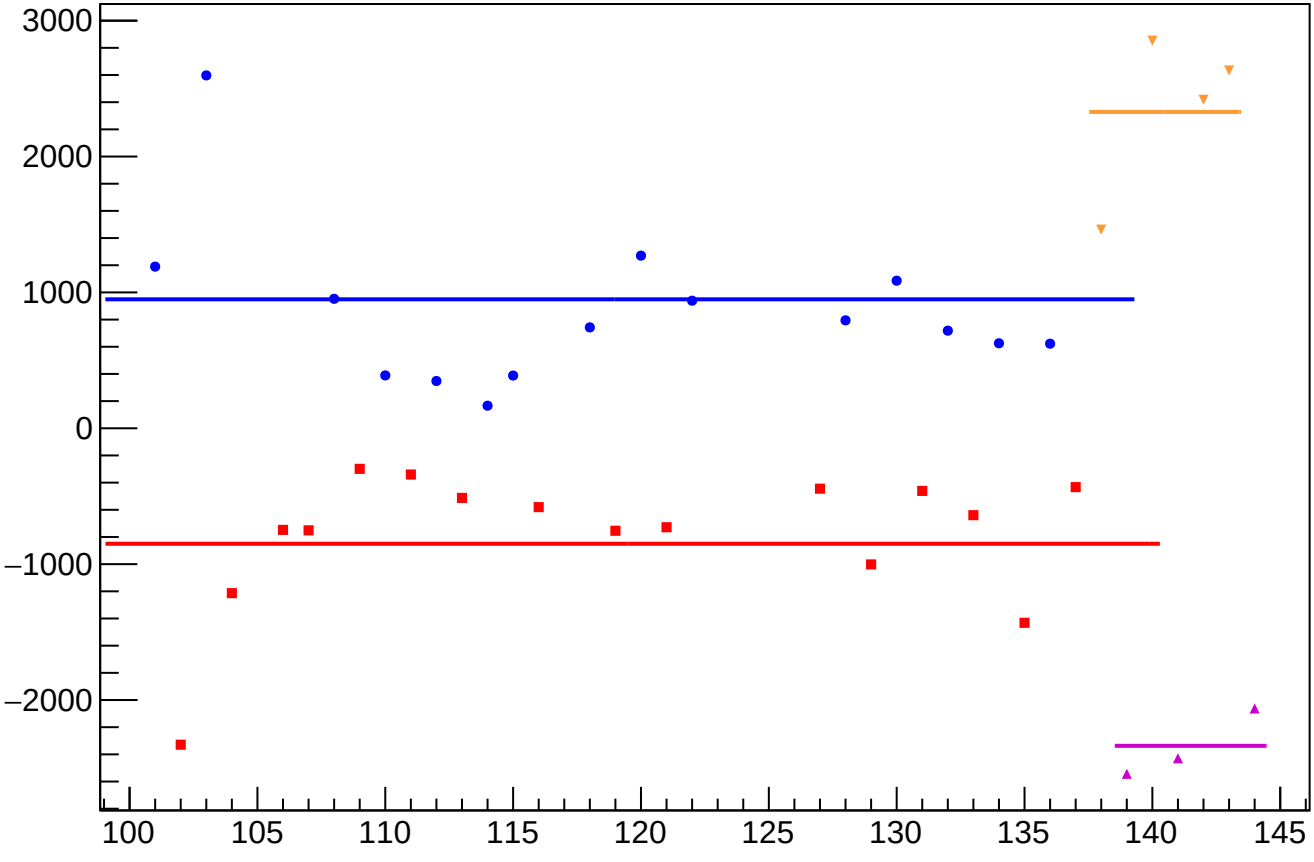
Right Out: -45247.617+/-0.000 χ^2/NDF: 286060196488034430215784613374055547928576.0/15

Out: -8961.106+/-0.000 χ^2/NDF:33579912241260

Left In: -85805.859+/-0.000 χ^2/NDF:983409694972857539537156542676781655 6544.0/2

All: 2368.350+/-0.000 χ^2/NDF: 7523294814

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 75.124+/-0.000 χ^2/NDF: 2968314590783571

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 2328.282+/-0.000 χ^2/NDF:8771812642211803209635646627071708 3648.0/3

In: 22.205+/-0.000 χ^2/NDF:2213649896271267 53

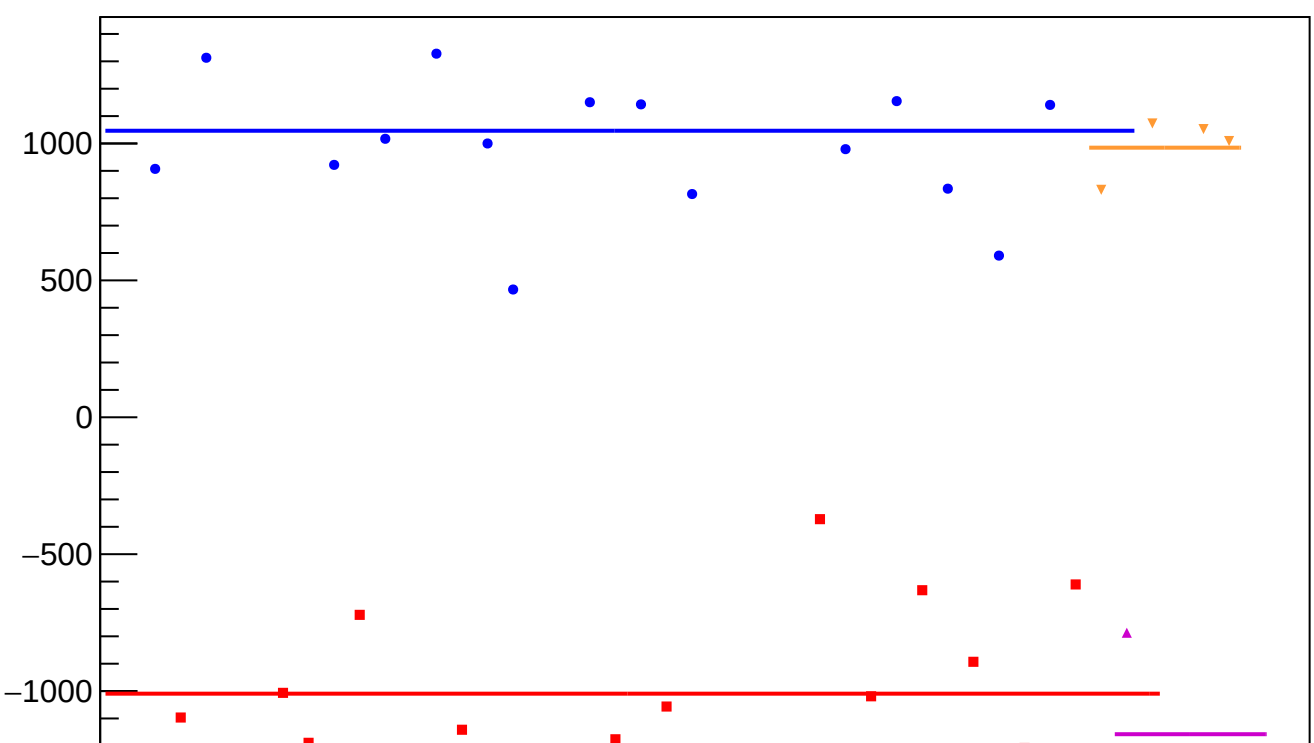
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973 38624.0/15

Out: 73.177+/-0.000 χ^2/NDF:2248922085030845 8

Left In: -2337.080+/-0.000 χ^2/NDF:1087587052042406614791689665384756 0192.0/2

All: 48.189+/-0.000 χ^2/NDF: 4463769276313

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

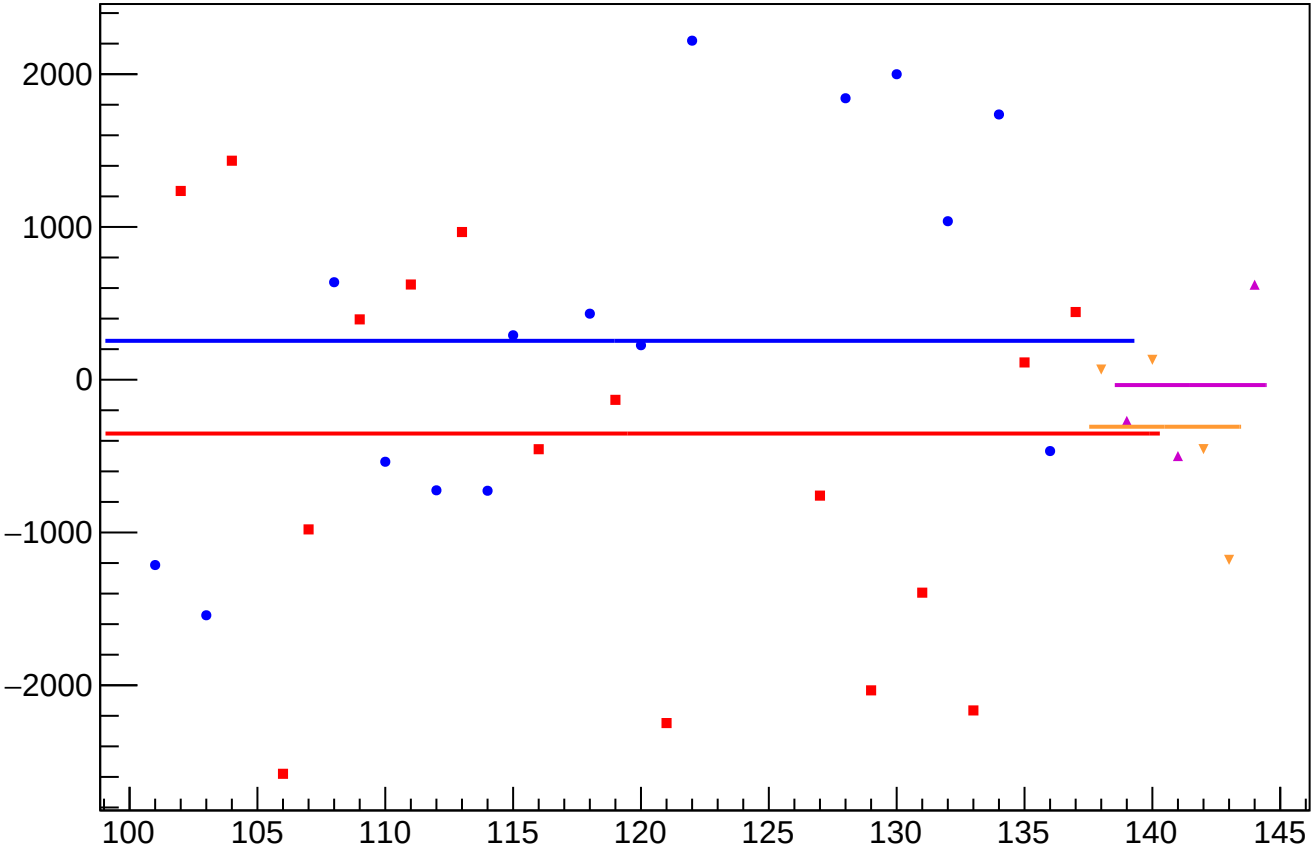
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

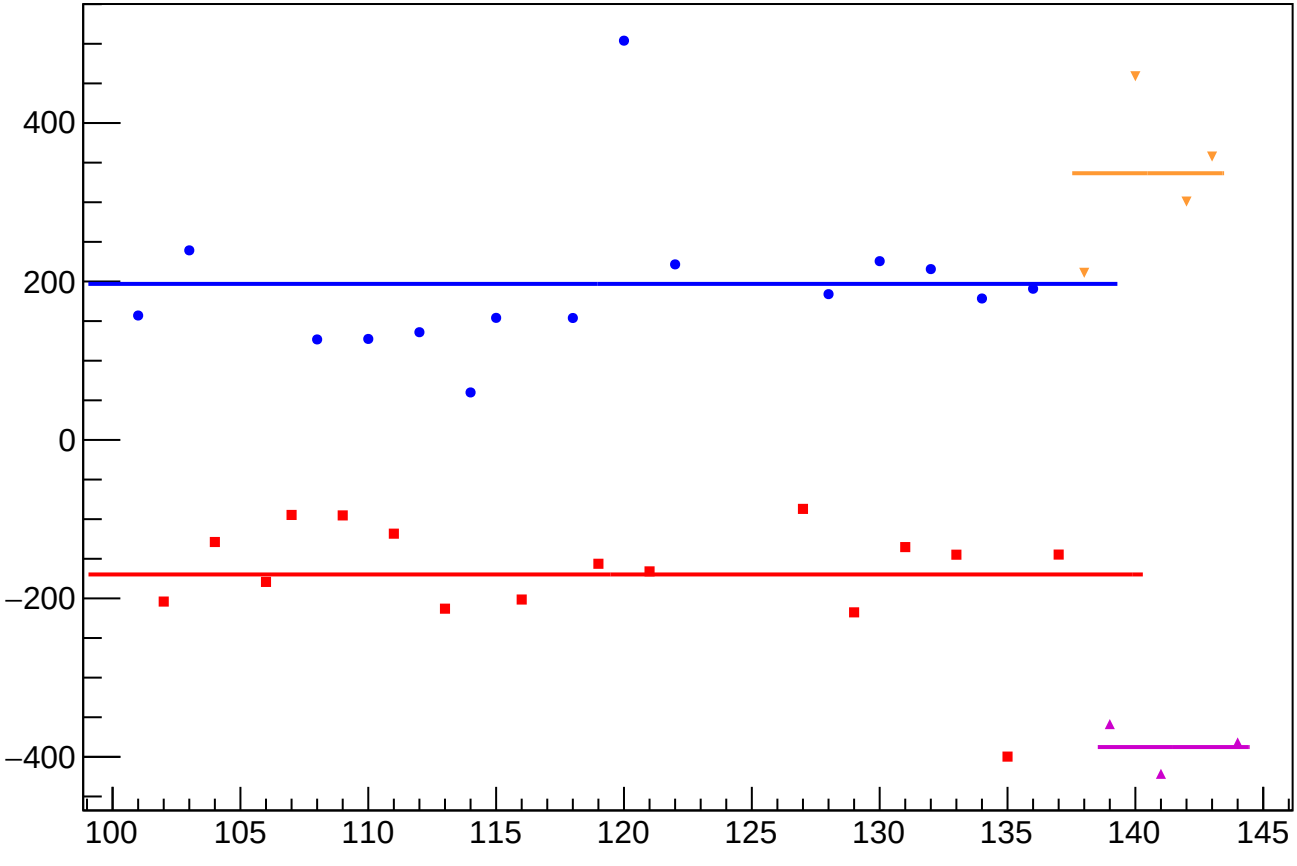
All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -176.031+/-0.000 χ^2/NDF: 149528619945581
Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
Right: -53.015+/-0.000 χ^2/NDF: 220036732540735
Left Out: -307.762+/-0.000 χ^2/NDF:785105212012086465369828392729397 16608.0/3
In: 172.894+/-0.000 χ^2/NDF:1054962558443517
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
Out: -339.370+/-0.000 χ^2/NDF:117970856141237
Left In: -35.001+/-0.000 χ^2/NDF:612089128587740480253247510009358581 76.0/2
All: -88.239+/-0.000 χ^2/NDF: 235559823966

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Left Out: 336.620+/-0.000 χ^2/NDF:2549102640247666581339087247494873088.0/3

Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Left In: -387.628+/-0.000 χ^2/NDF:1679530390616061363420357555682017 28.0/2

Left: -13.159+/-0.000 χ^2/NDF: 7187529911505599

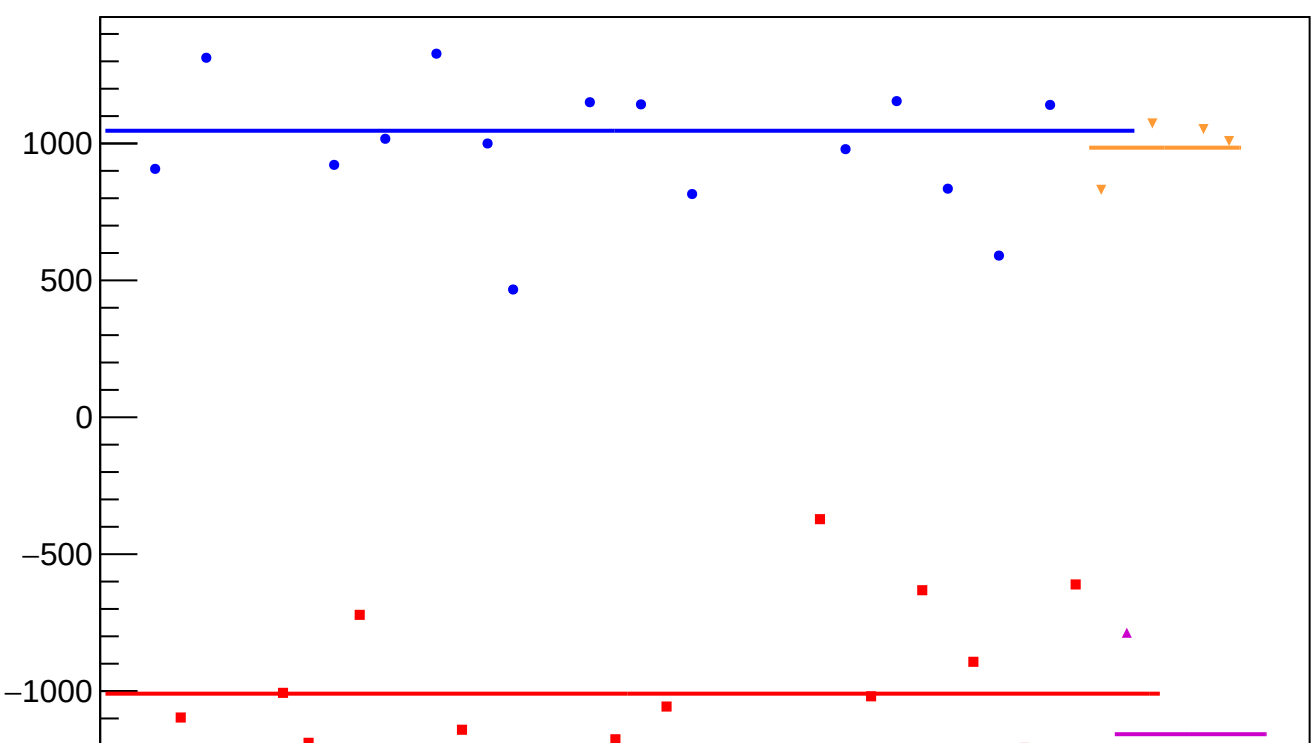
Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

In: 32.056+/-0.000 χ^2/NDF:67215055143149935 4

Out: -22.707+/-0.000 χ^2/NDF:5611753838545060

All: 4.140+/-0.000 χ^2/NDF: 12471461769197

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

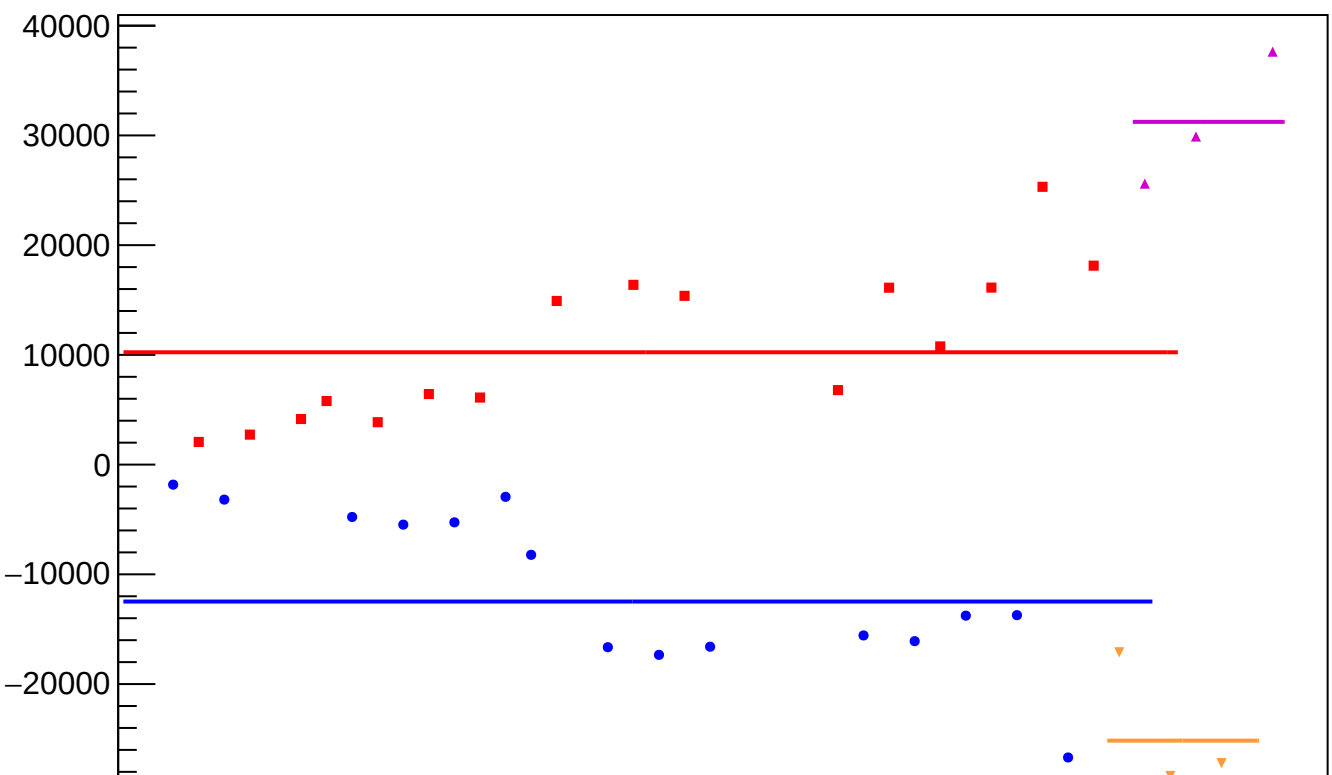
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288 4992.0/2

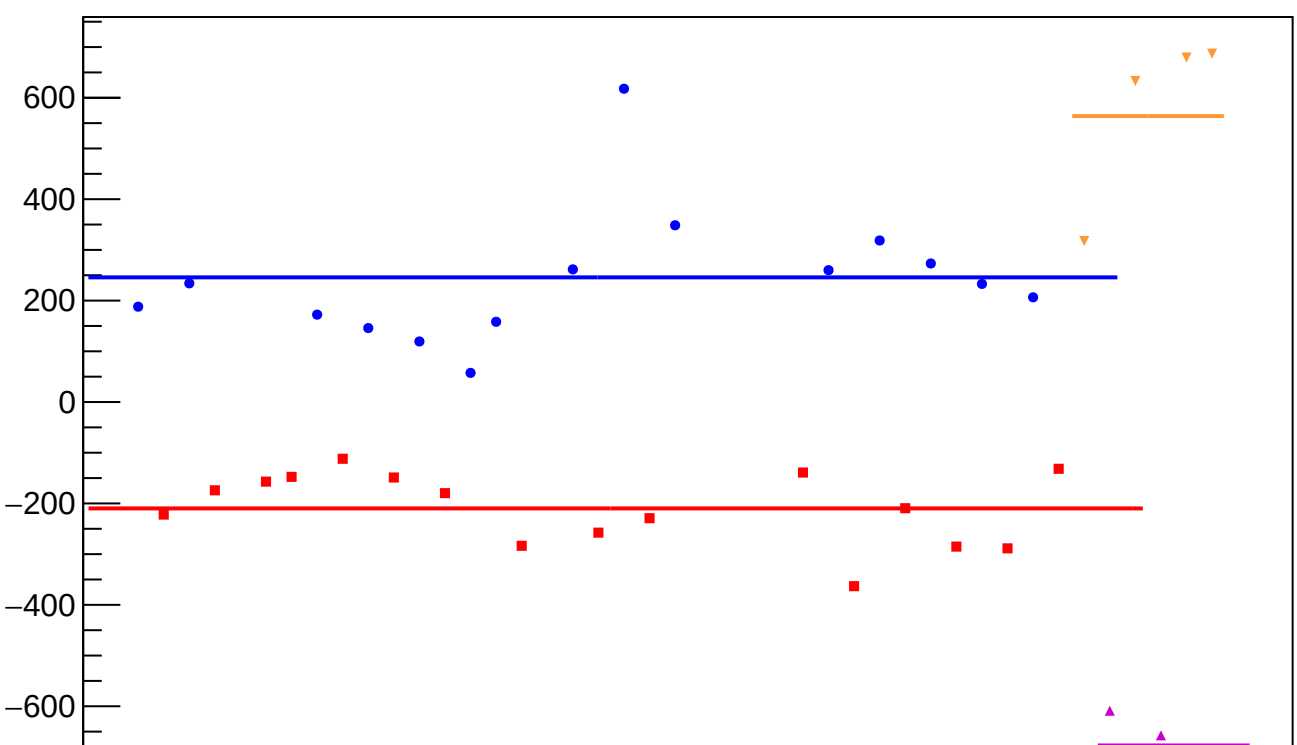
All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 2078.194+/-0.000 χ^2/NDF: 432808556331911
Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14
Right: -965.413+/-0.000 χ^2/NDF: 24217037814564
Left Out: -25155.910+/-0.000 χ^2/NDF:71895673033016087071001216550941690429 44.0/3
In: -148.722+/-0.000 χ^2/NDF:3973745789942815
Right Out: 10238.098+/-0.000 χ^2/NDF: 3122786112615953403196150192322371806822 4.0/15
Out: -41.226+/-0.000 χ^2/NDF:2810896780040140
Left In: 31234.705+/-0.000 χ^2/NDF:6359816735007144169417168476559172960256.0/2
All: -93.925+/-0.000 χ^2/NDF: 678469582051

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Left: -35.540+/-0.000 χ^2/NDF: 2109089927914910

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

Left Out: 563.942+/-0.000 χ^2/NDF:6756923352279194283167281060692099072.0/3

In: -14.575+/-0.000 χ^2/NDF:16485429386847144

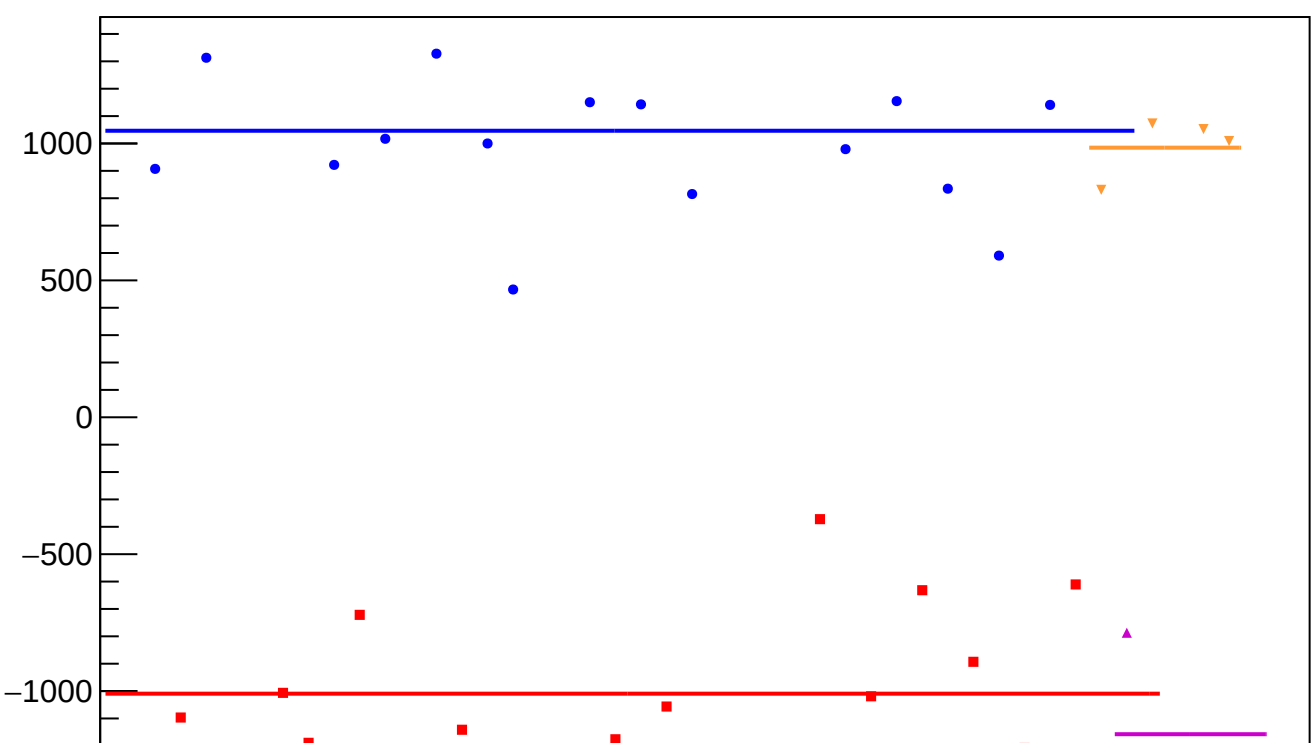
Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Out: 14.883+/-0.000 χ^2/NDF:1258704557532249

Left In: -677.338+/-0.000 χ^2/NDF:1005939075521032214361936305043013632.0/2

All: 0.442+/-0.000 χ^2/NDF: 2911246563514

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

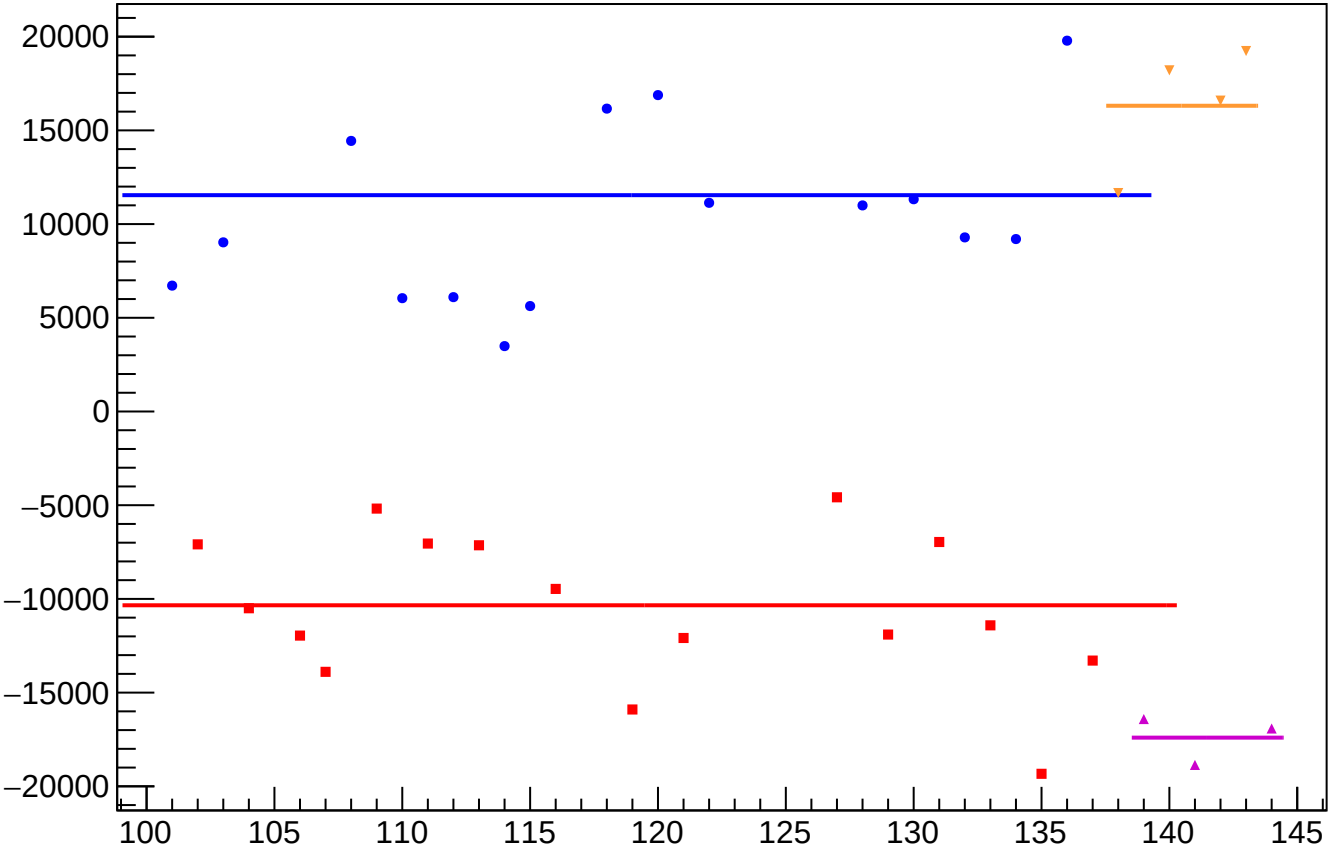
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

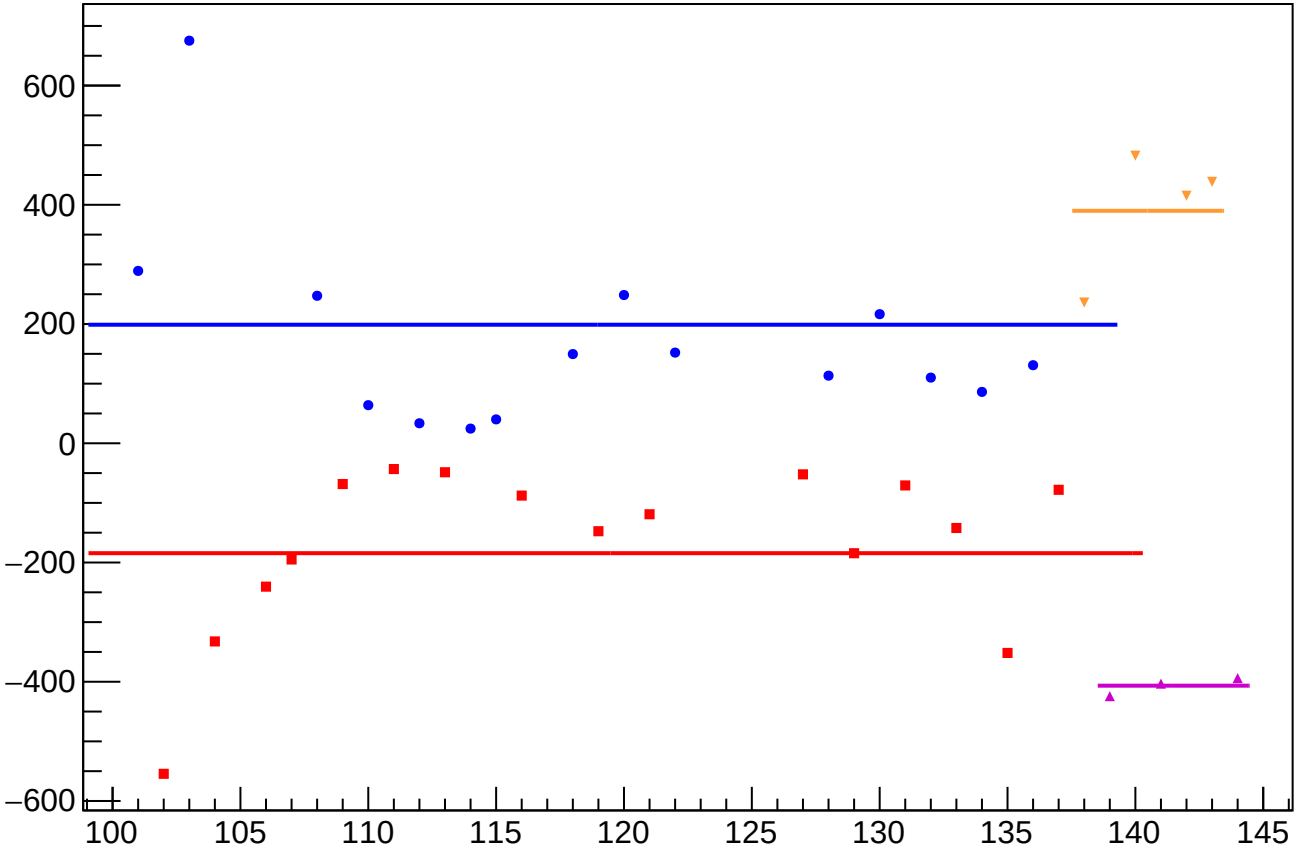
All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: 30.317+/-0.000 χ^2/NDF: 1527201152971794
Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14
Right: 451.741+/-0.000 χ^2/NDF: 183007796935000
Left Out: 16313.605+/-0.000 χ^2/NDF:2560104338497151514780322811752533196800.0/3
In: 3377.925+/-0.000 χ^2/NDF:1678942647413991
Right Out: -10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15
Out: -2599.090+/-0.000 χ^2/NDF:15143775615042
Left In: -17402.380+/-0.000 χ^2/NDF:2810730581447160661754381309877409546 24.0/2
All: 331.073+/-0.000 χ^2/NDF: 335794834262

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Left: 5.256+/-0.000 χ^2/NDF: 864248063257343854

Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257 0

Left Out: 389.940+/-0.000 χ^2/NDF:2734904938312082855577054309699813376.0/3

In: 28.070+/-0.000 χ^2/NDF:8547815312940075 83

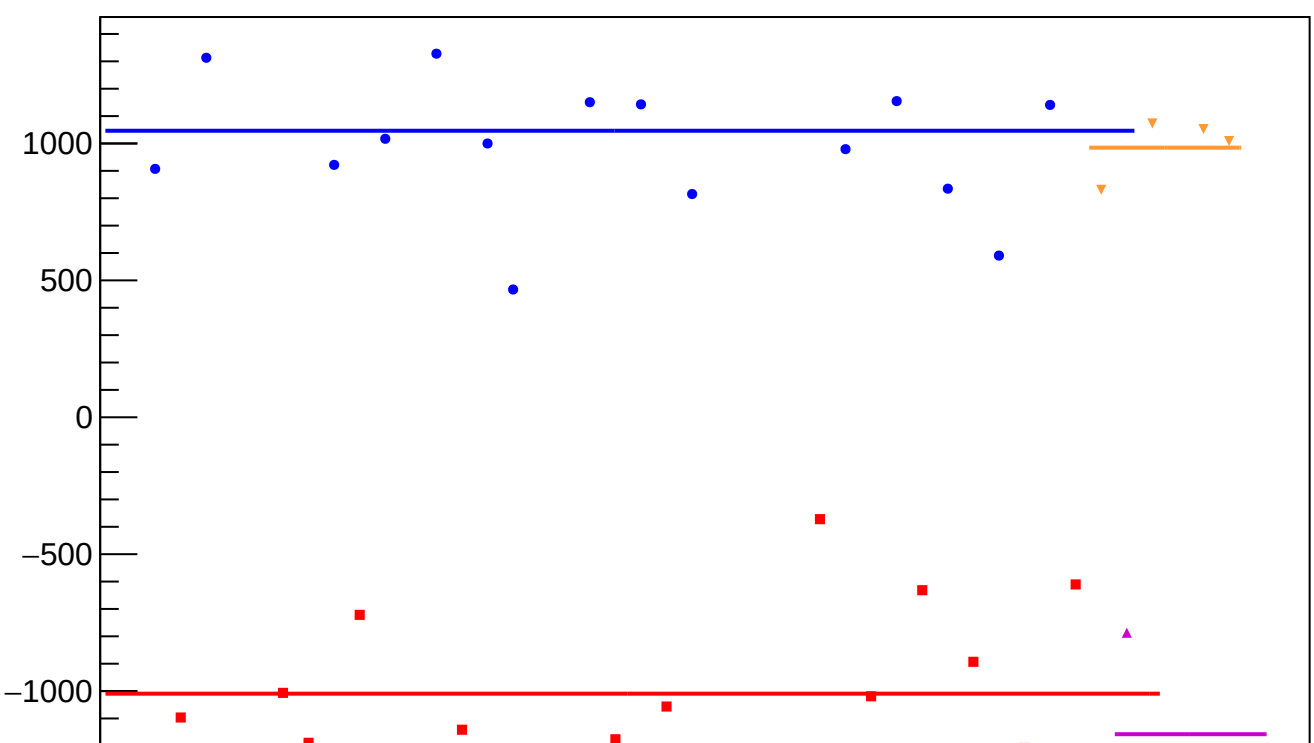
Right Out: -184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837 2403200.0/15

Out: -17.546+/-0.000 χ^2/NDF:8154601585024874

Left In: -406.581+/-0.000 χ^2/NDF:4039082294676028961703455127869 8496.0/2

All: 4.817+/-0.000 χ^2/NDF: 1679830907475 9

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

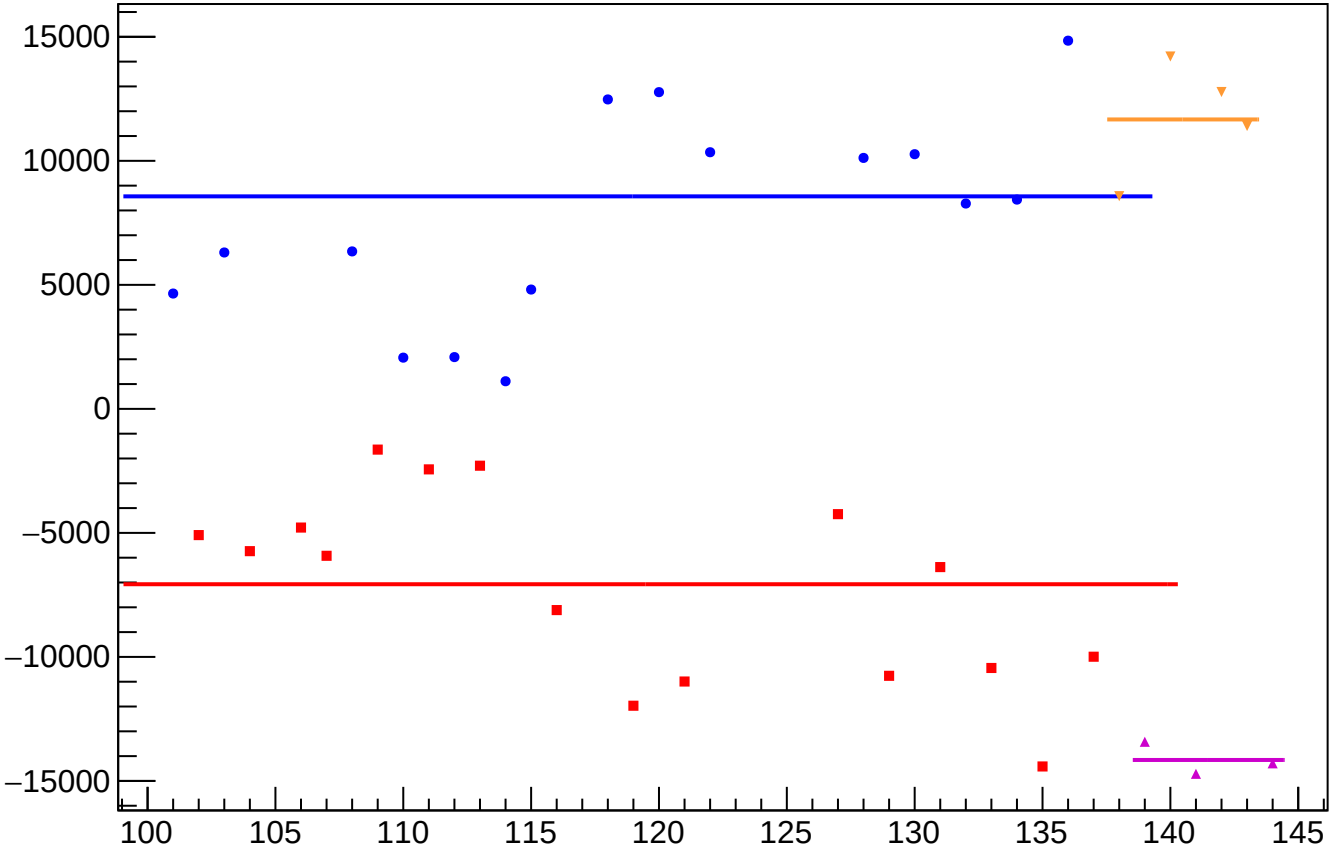
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_sam8_coil1_mean vs Slug, Sign Corrected



Left: -802.894+/-0.000 χ^2/NDF: 893309916472792

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Right: 642.005+/-0.000 χ^2/NDF: 101620430321781

Left Out: 11668.779+/-0.000 χ^2/NDF:1335628743787083547277349312305918115840.0/3

In: 2158.172+/-0.000 χ^2/NDF:105700522252968 3

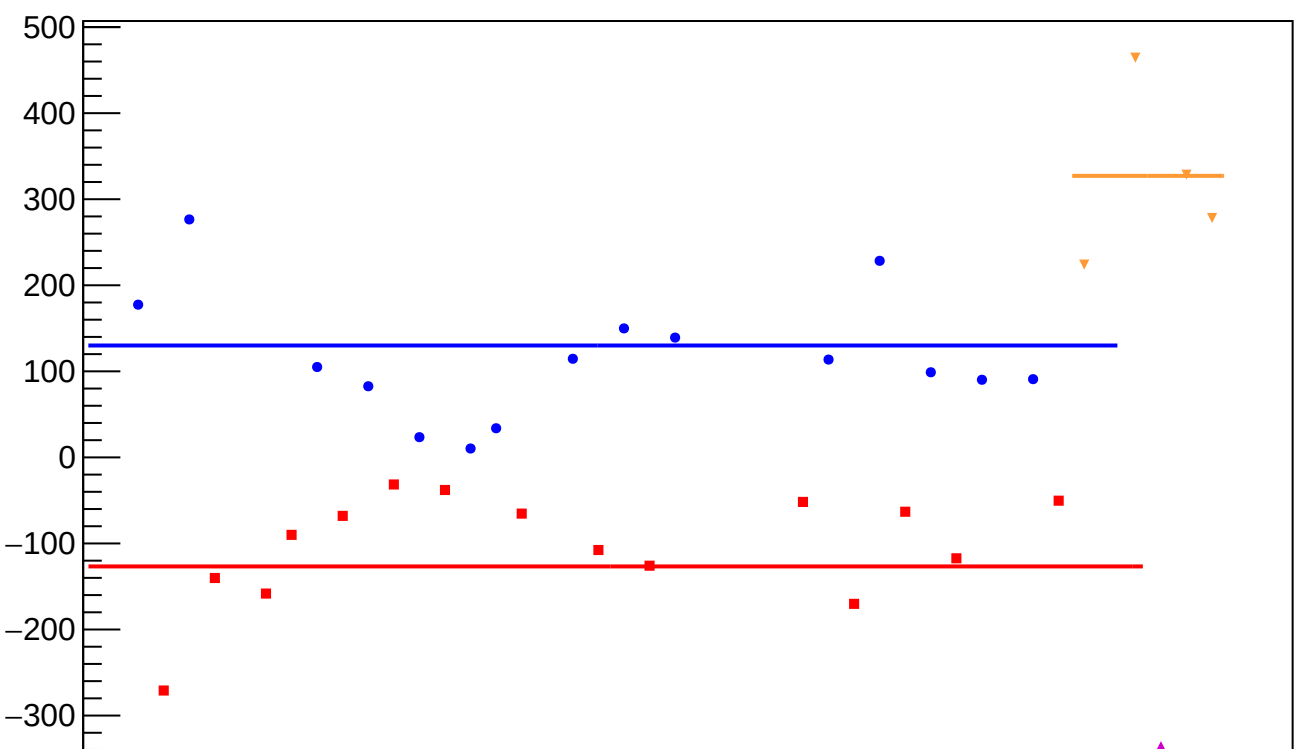
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

Out: -1627.698+/-0.000 χ^2/NDF:79432681431761

Left In: -14154.920+/-0.000 χ^2/NDF:7169664130683735470517814917557806694 4.0/2

All: 228.282+/-0.000 χ^2/NDF: 19173811258 6

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Left: -3.295+/-0.000 χ^2/NDF: 6438326515108033

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835

Left Out: 327.162+/-0.000 χ^2/NDF:2536447229870285505452810978260418560.0/3

In: -7.380+/-0.000 χ^2/NDF:466696460181822008

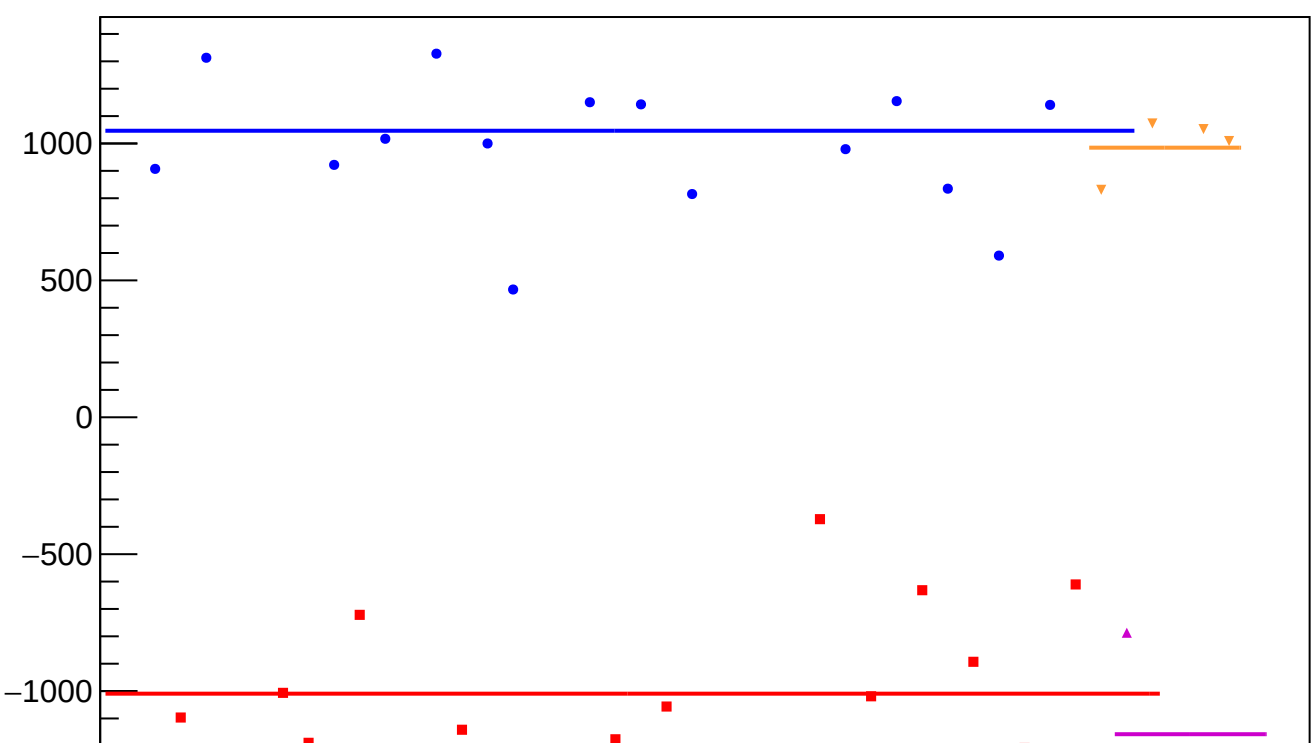
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Out: 5.107+/-0.000 χ^2/NDF:478382970549139227

Left In: -357.077+/-0.000 χ^2/NDF:1185200800149617811629120794174423 04.0/2

All: -1.015+/-0.000 χ^2/NDF: 9457979314570

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -49.886+/-0.000 χ^2/NDF: 6241404605335486

Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

In: 424.794+/-0.000 χ^2/NDF:9304995032888973 8

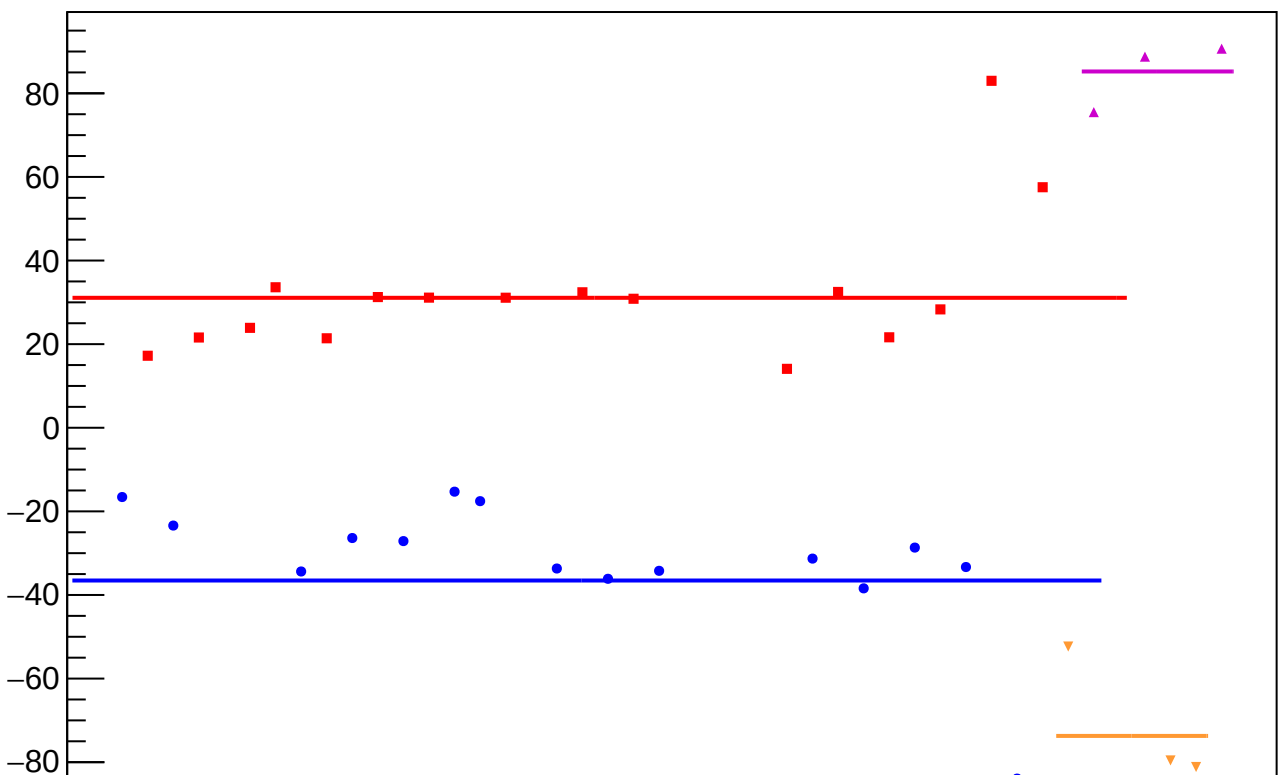
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

Out: -430.300+/-0.000 χ^2/NDF:817655030703175

Left In: -1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

All: -11.100+/-0.000 χ^2/NDF: 208510288650

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 3.046+/-0.000 χ^2/NDF: 339284017649597293

Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060

Left Out: -73.715+/-0.000 χ^2/NDF:508171823300876330055694374928384 00.0/3

In: -2.193+/-0.000 χ^2/NDF:298000900214469721

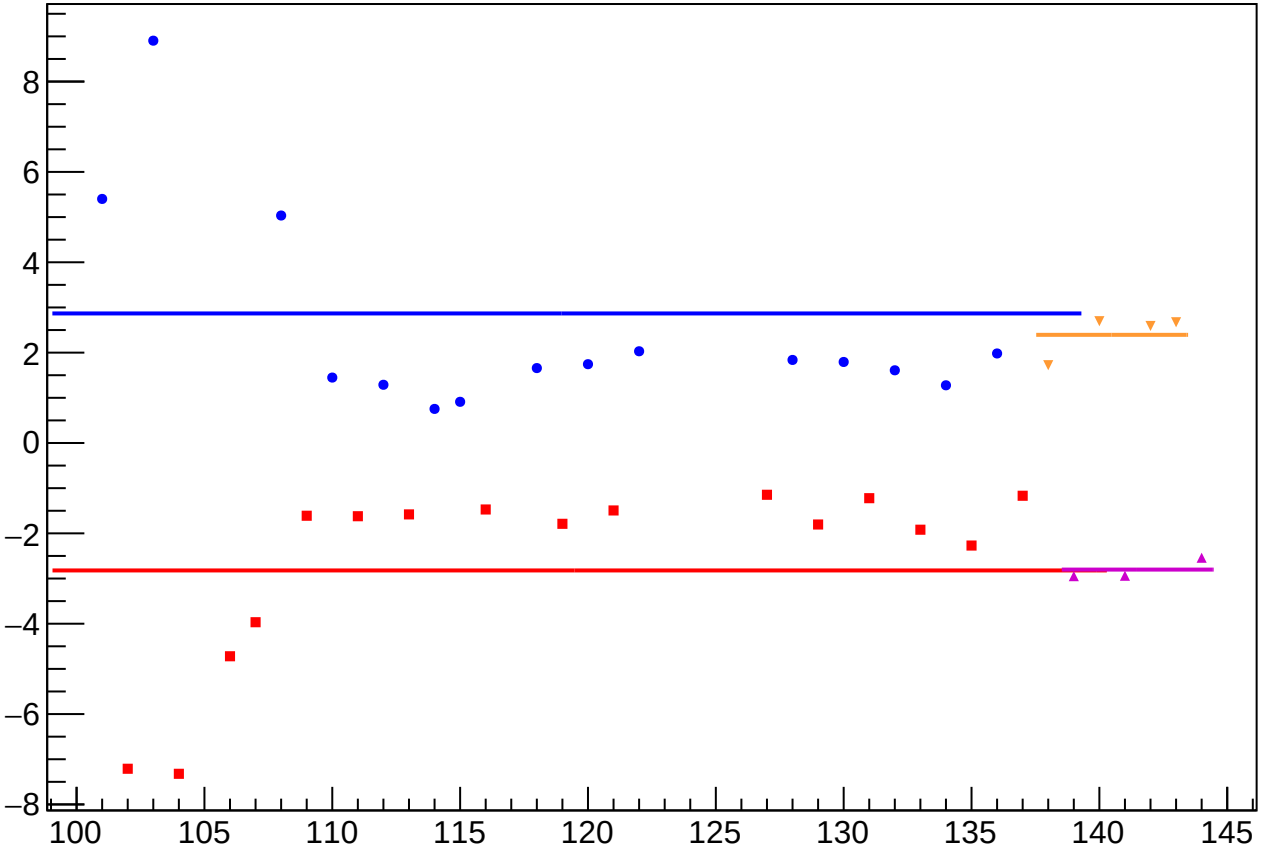
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

Out: 0.649+/-0.000 χ^2/NDF:235967007917354701

Left In: 85.224+/-0.000 χ^2/NDF:1137541112129477680289474218767155 2.0/2

All: -0.744+/-0.000 χ^2/NDF: 5343399712351

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.116+/-0.000 χ^2/NDF: 36186337693491608

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

Left Out: 2.394+/-0.000 χ^2/NDF:4965166188177753808833282572288 0.0/3

In: 1.268+/-0.000 χ^2/NDF:93494064103021269 65

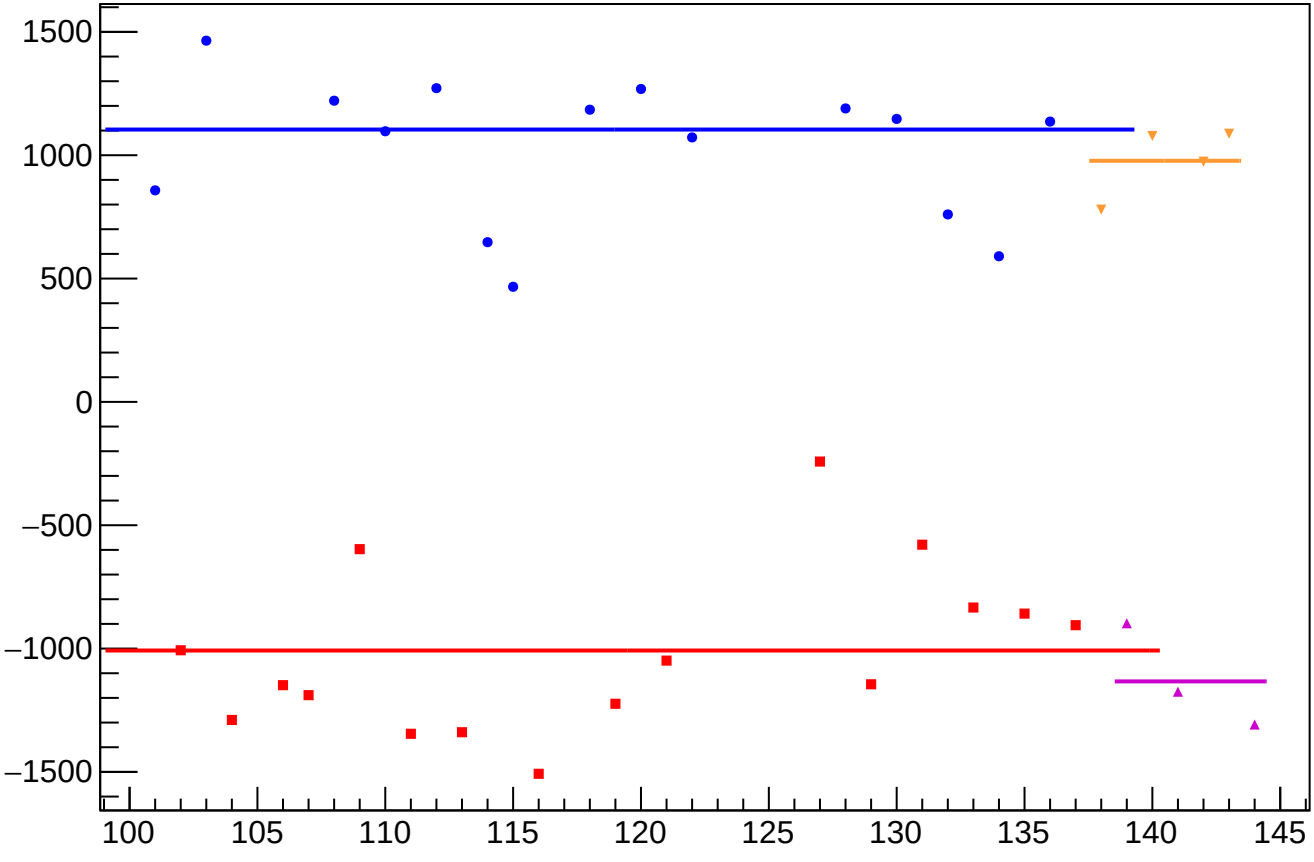
Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Out: -1.306+/-0.000 χ^2/NDF:83705313306036995

Left In: -2.802+/-0.000 χ^2/NDF:9415737876637926204190557732864.0/2

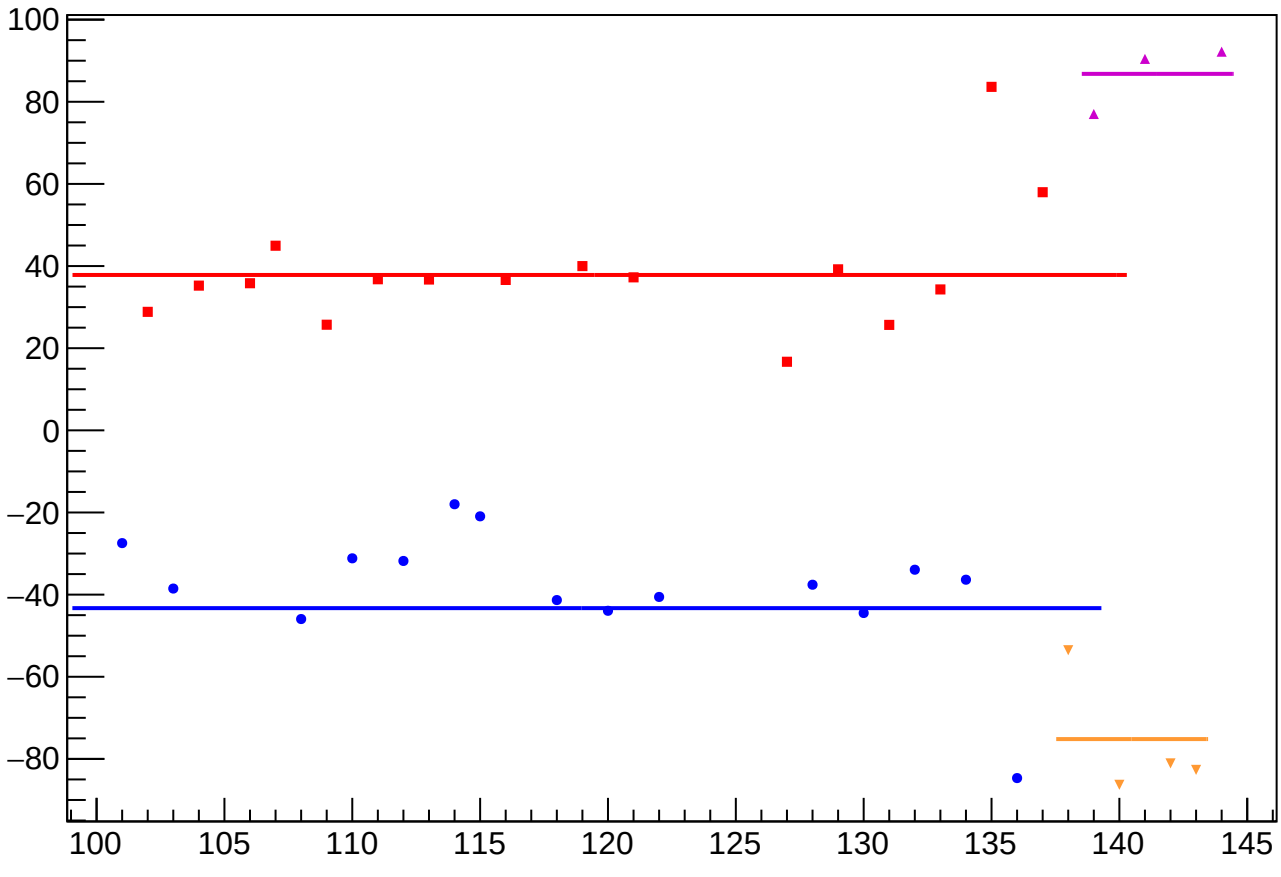
All: -0.044+/-0.000 χ^2/NDF: 2077461360566

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.051+/-0.000 χ^2/NDF: 352232482652492040

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -75.173+/-0.000 χ^2/NDF:52043987632425258820666244886167552.0/3

In: -6.595+/-0.000 χ^2/NDF:330872970603873619

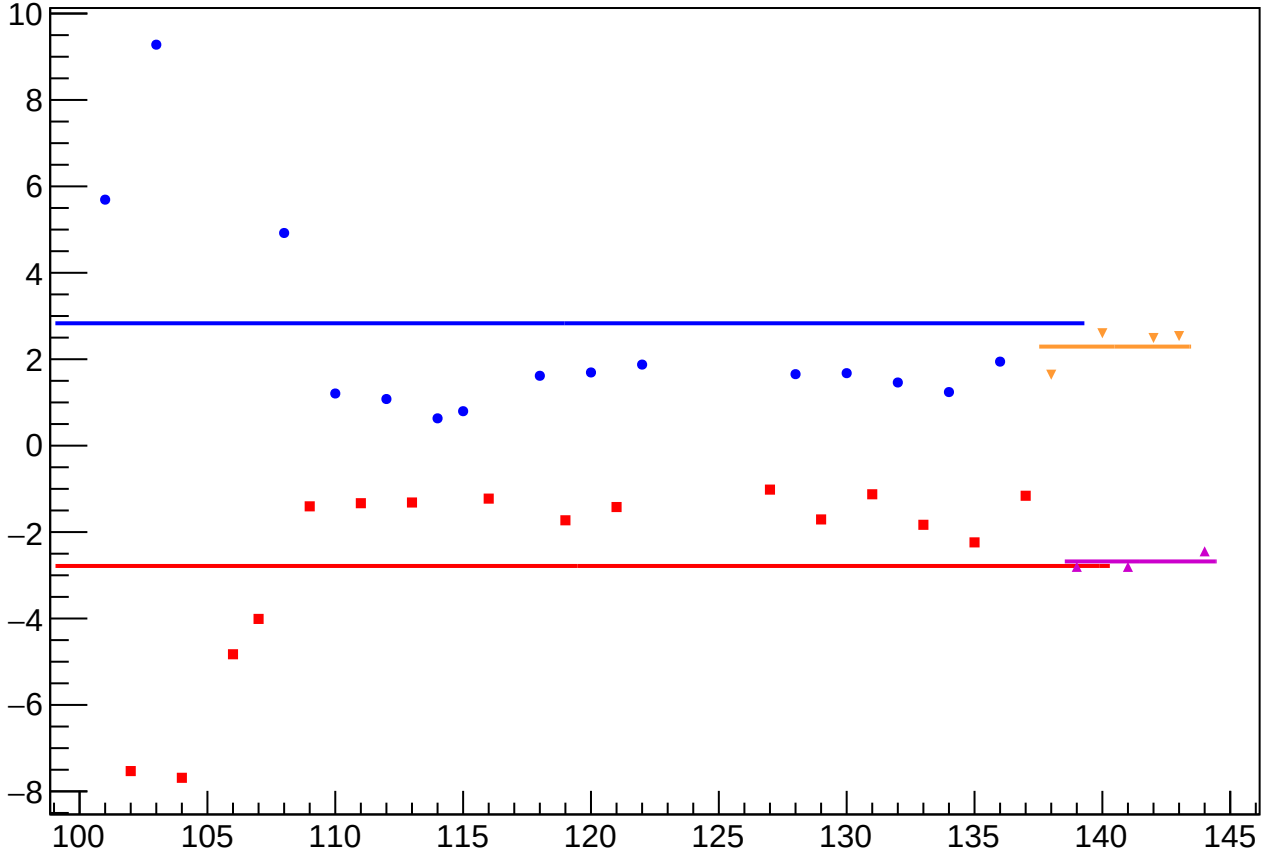
Right Out: 37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

Out: 5.013+/-0.000 χ^2/NDF:267447399548443462

Left In: 86.796+/-0.000 χ^2/NDF:1145912497686672132389498366879334 4.0/2

All: -0.678+/-0.000 χ^2/NDF: 6045297179874

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.109+/-0.000 χ^2/NDF: 33130361763222399

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.292+/-0.000 χ^2/NDF:46595415532977796743838786650112.0/3

In: 1.277+/-0.000 χ^2/NDF:952558674776730123 3

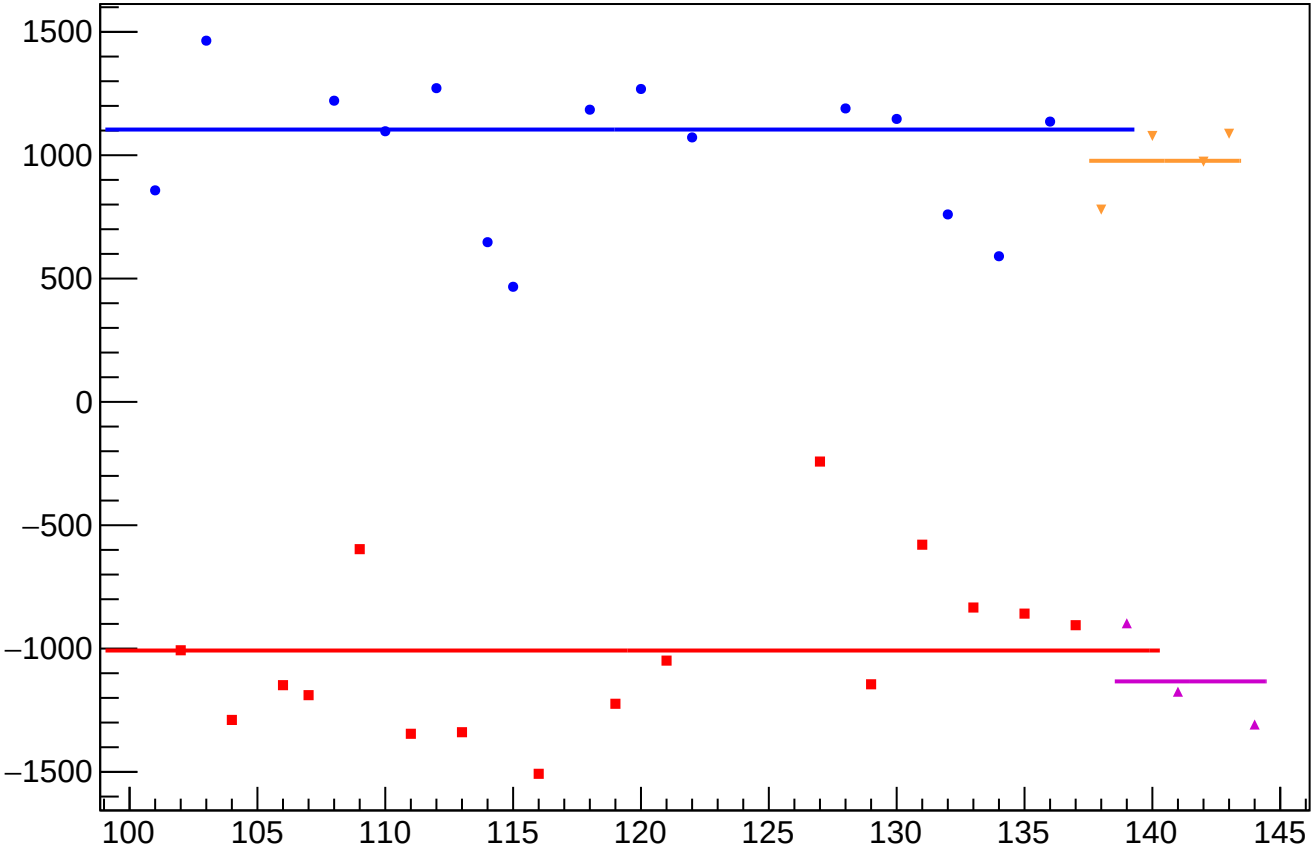
Right Out: -2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

Out: -1.310+/-0.000 χ^2/NDF:8628284400490500 4

Left In: -2.679+/-0.000 χ^2/NDF:74874112096041690552030367580 16.0/2

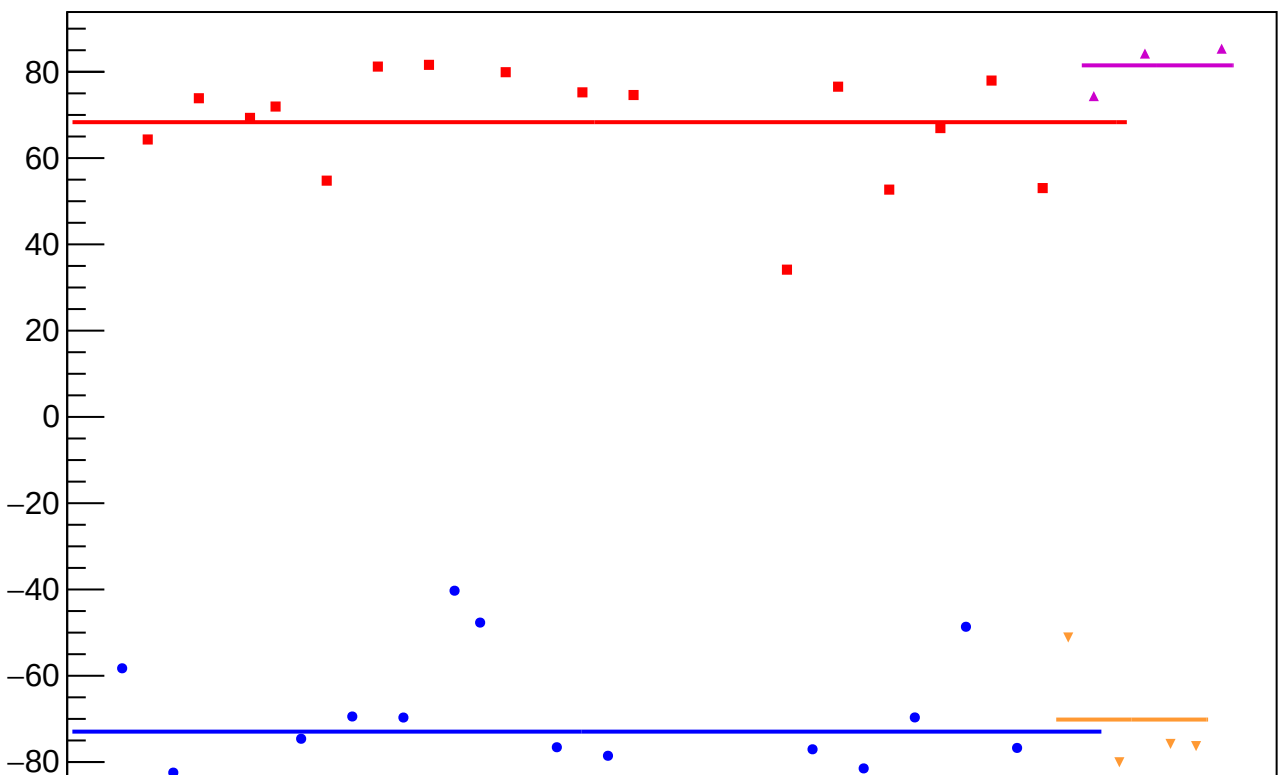
All: -0.042+/-0.000 χ^2/NDF: 2123808461237

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 3.085+/-0.000 χ^2/NDF: 307831024272160237

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -70.152+/-0.000 χ^2/NDF:4027328339835660958079977815592140 8.0/3

In: -29.384+/-0.000 χ^2/NDF:4438438202679707 1

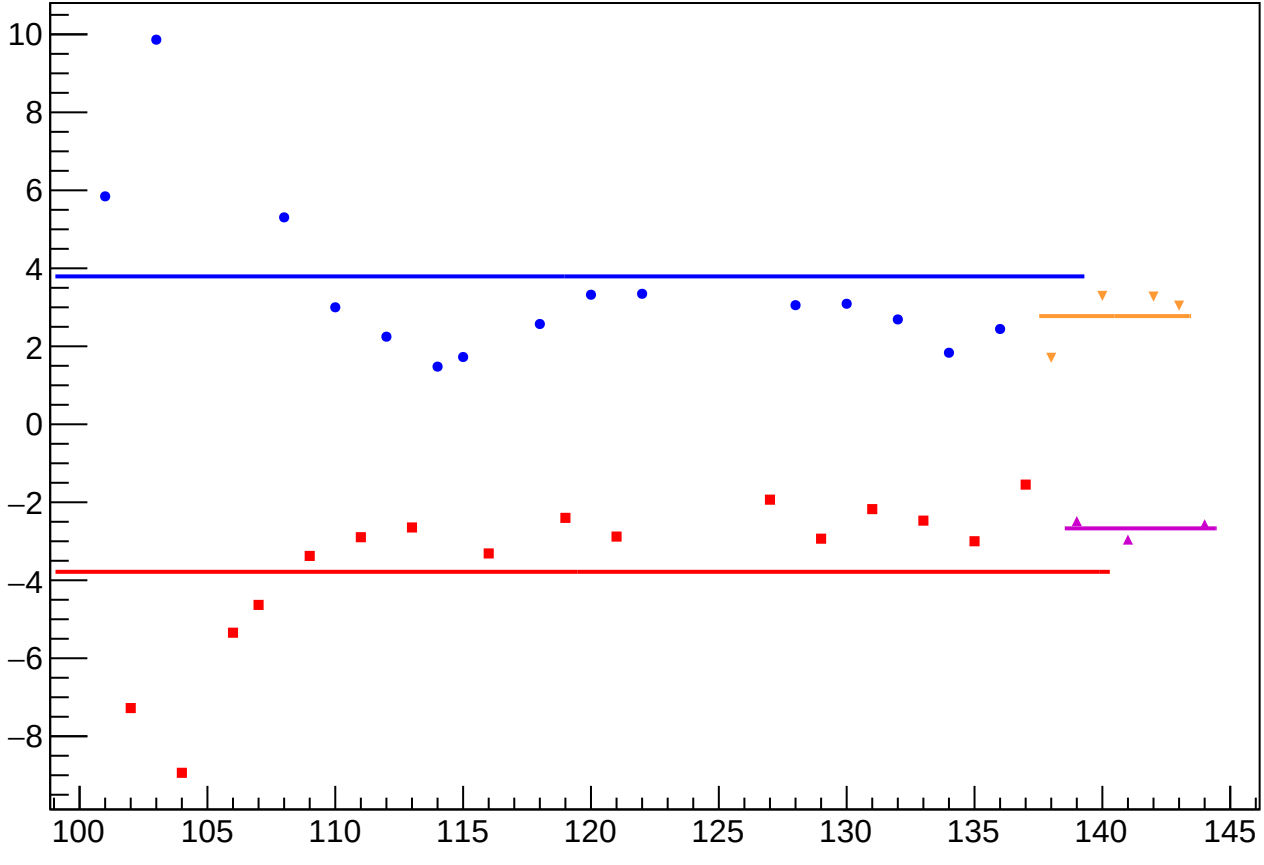
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: 28.107+/-0.000 χ^2/NDF:3861543302903566 6

Left In: 81.492+/-0.000 χ^2/NDF:6082224586466231959034941302374400.0/2

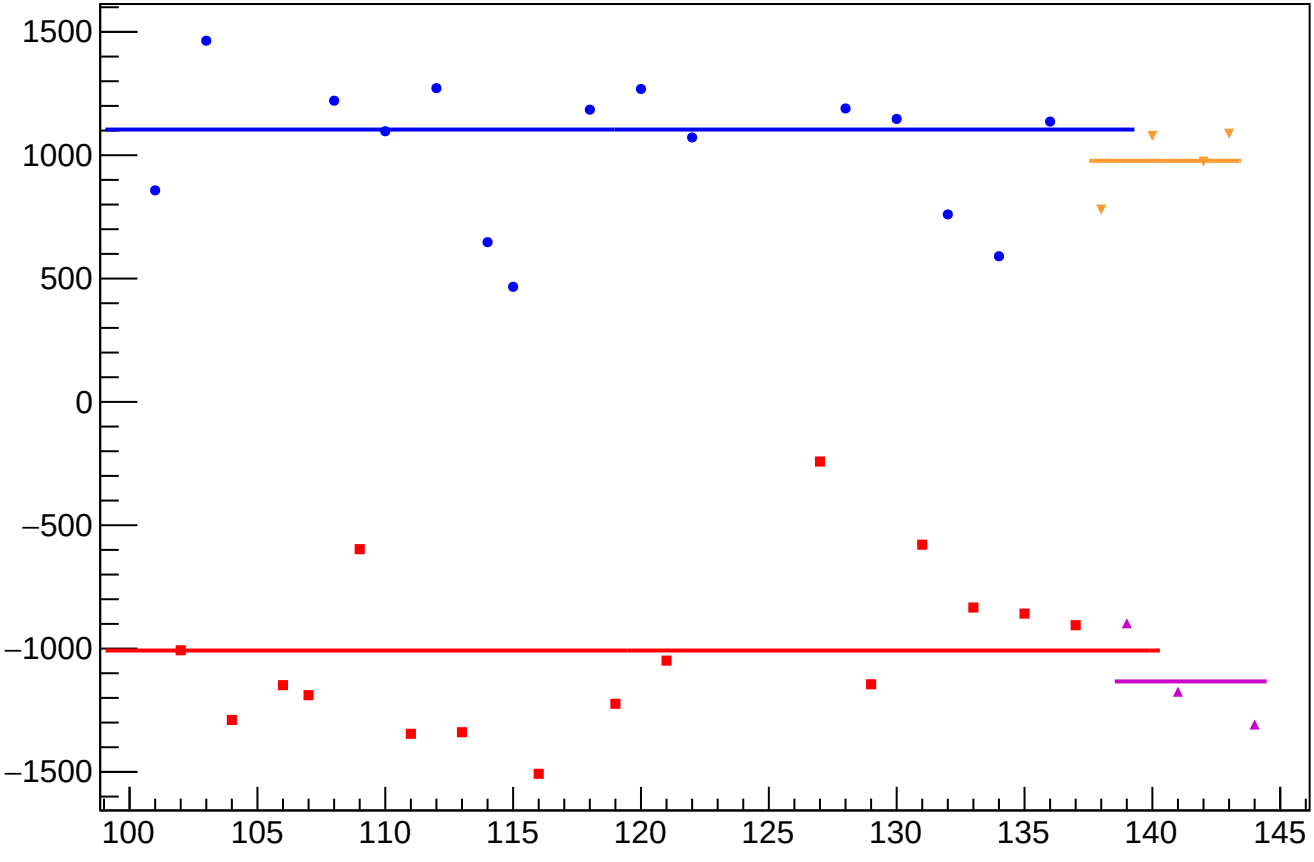
All: -0.078+/-0.000 χ^2/NDF: 9823103261067

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



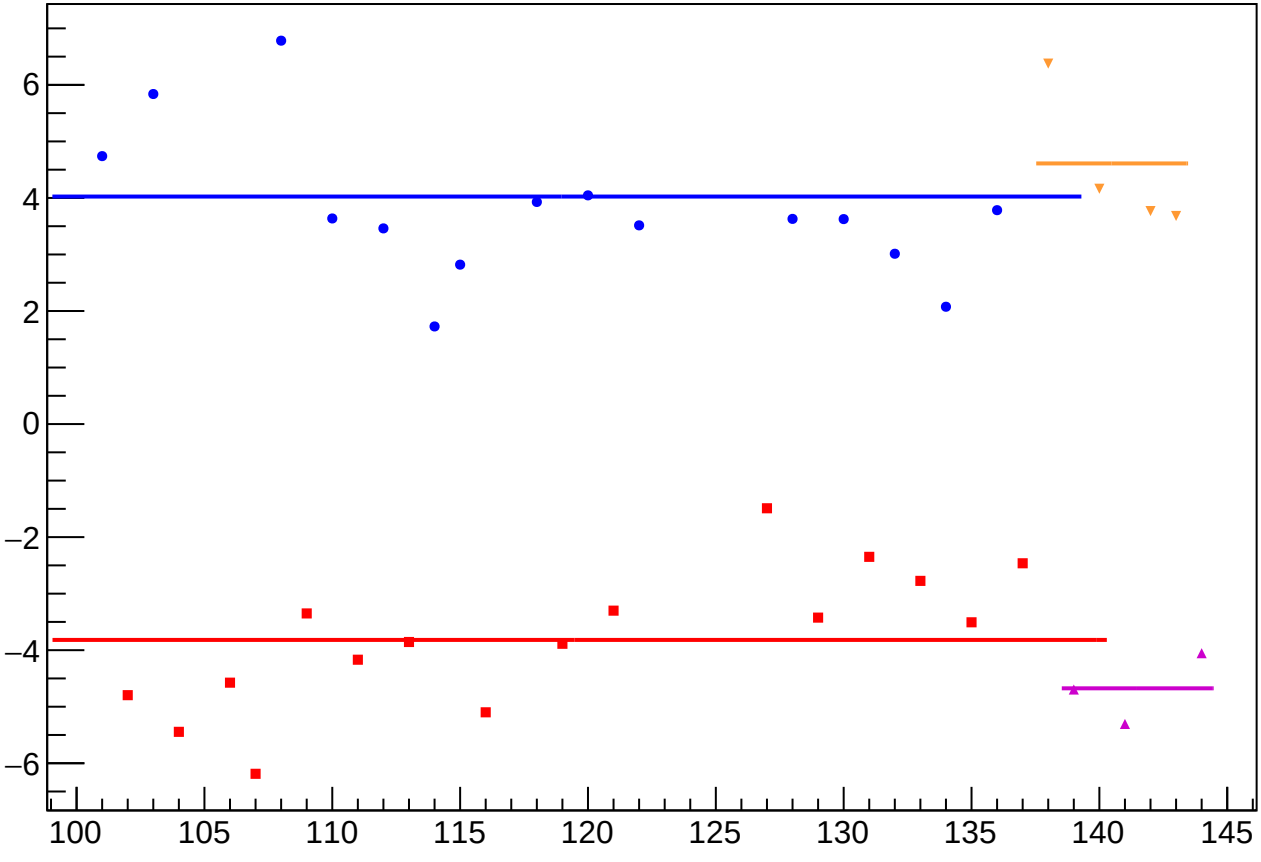
Left: 0.146+/-0.000 χ^2/NDF: 40454873358205164
Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14
Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656
Left Out: 2.775+/-0.000 χ^2/NDF:1275233141937599432051349981757 44.0/3
In: 1.970+/-0.000 χ^2/NDF:108602267634279644
Right Out: -3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15
Out: -1.879+/-0.000 χ^2/NDF:11337049686627709
Left In: -2.669+/-0.000 χ^2/NDF:1083164426383158105440585252864 0.0/2
All: 0.008+/-0.000 χ^2/NDF: 2902315427579

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



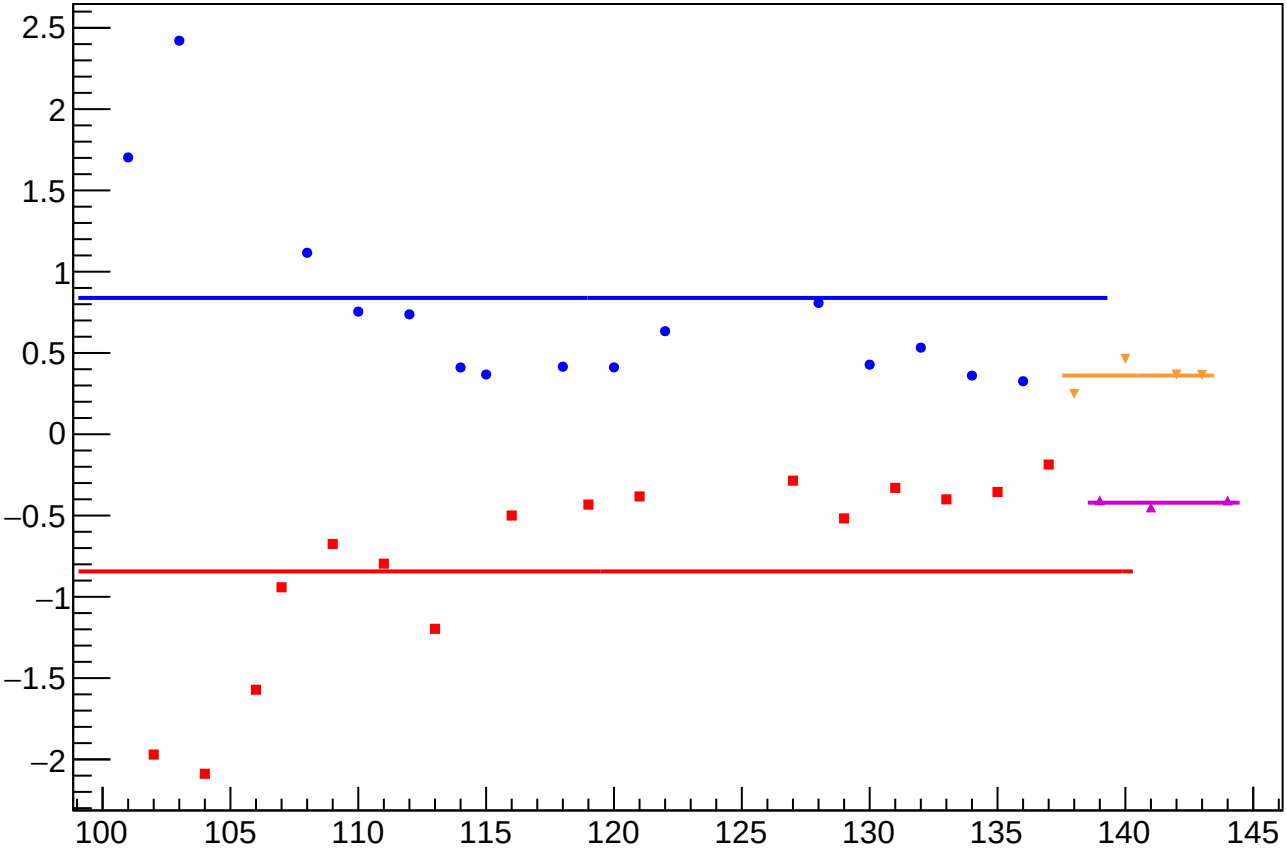
Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: 0.126+/-0.000 χ^2/NDF: 11785902527851719
Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14
Right: 0.050+/-0.000 χ^2/NDF: 2189275488787973
Left Out: 4.611+/-0.000 χ^2/NDF:350237745088913975679215193817088.0/3
In: 1.571+/-0.000 χ^2/NDF:146924132245691541
Right Out: -3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15
Out: -1.370+/-0.000 χ^2/NDF:15001707466445637
Left In: -4.675+/-0.000 χ^2/NDF:681091009715424529560708422041 60.0/2
All: 0.071+/-0.000 χ^2/NDF: 33680871073103

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.016+/-0.000 χ^2/NDF: 82612765712083186

Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244

Left Out: 0.361+/-0.000 χ^2/NDF:185936469999035673193551495168 0.0/3

In: 0.483+/-0.000 χ^2/NDF:5489386745988784657

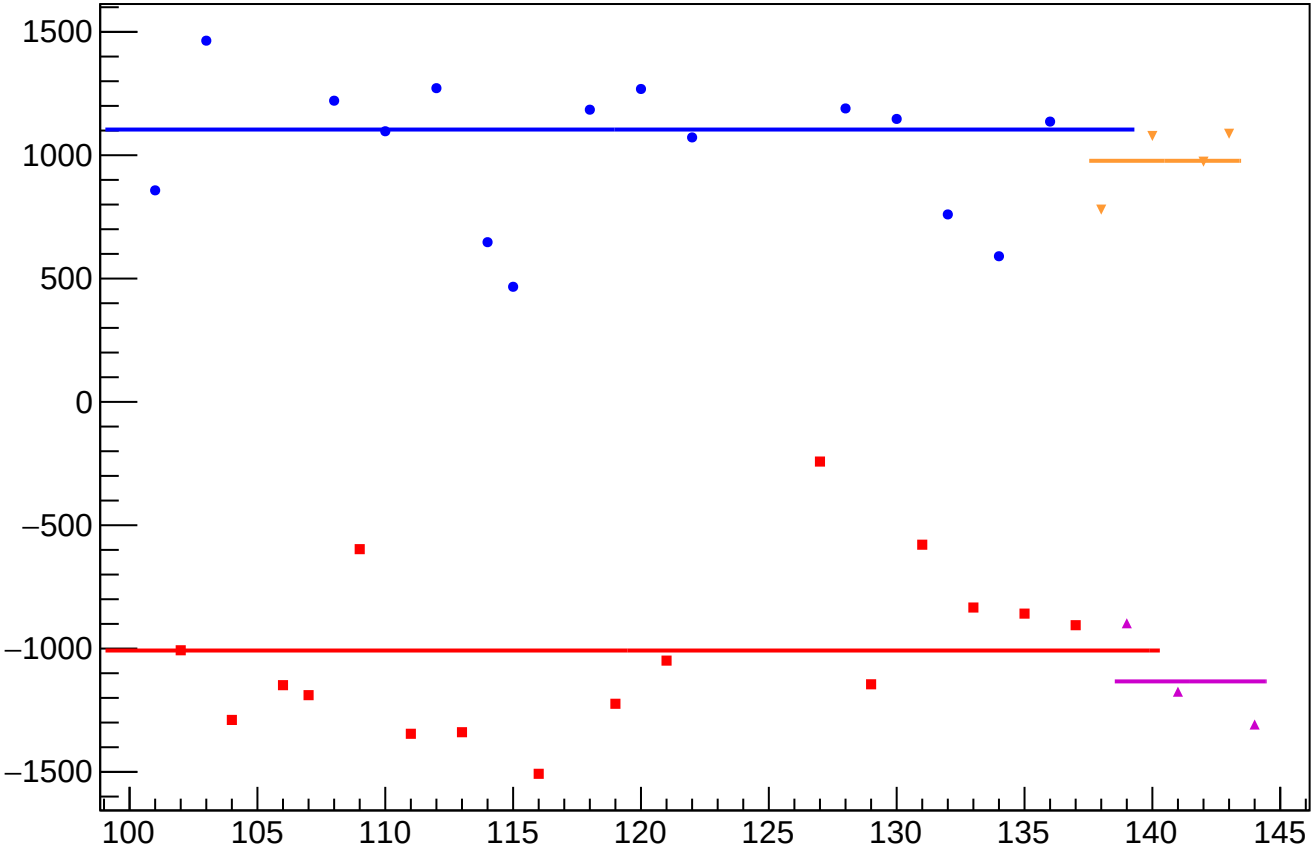
Right Out: -0.844+/-0.000 χ^2/NDF: 252917509393432760240648918925312.0/15

Out: -0.494+/-0.000 χ^2/NDF:53597310127379007

Left In: -0.421+/-0.000 χ^2/NDF:1050632958370158331237477908 48.0/2

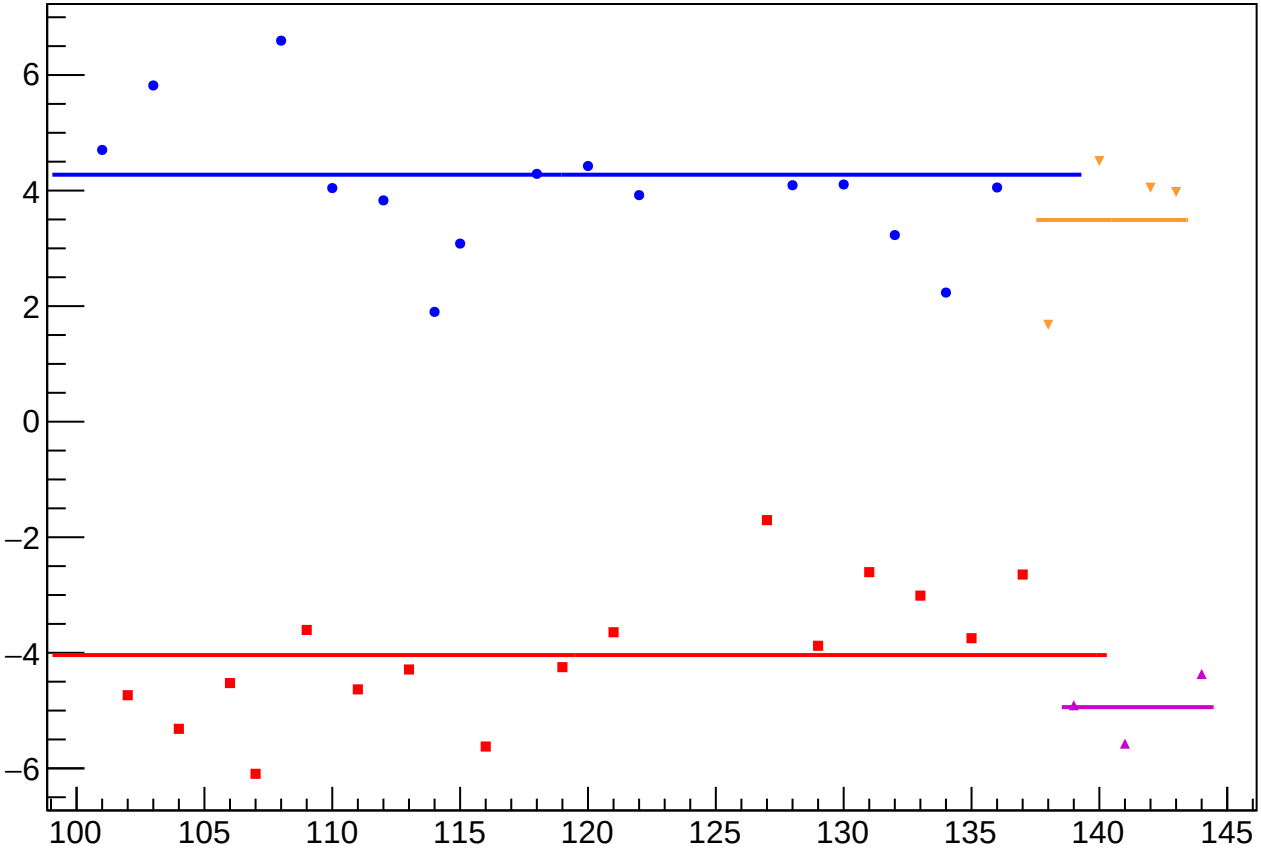
All: -0.015+/-0.000 χ^2/NDF: 1524821042869

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.581+/-0.000 χ^2/NDF: 98088501948210158

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 2410811716301541 6

Left Out: 3.491+/-0.000 χ^2/NDF:37176953802105311209603111216742 4.0/3

In: 1.675+/-0.000 χ^2/NDF:162070643814799269 5

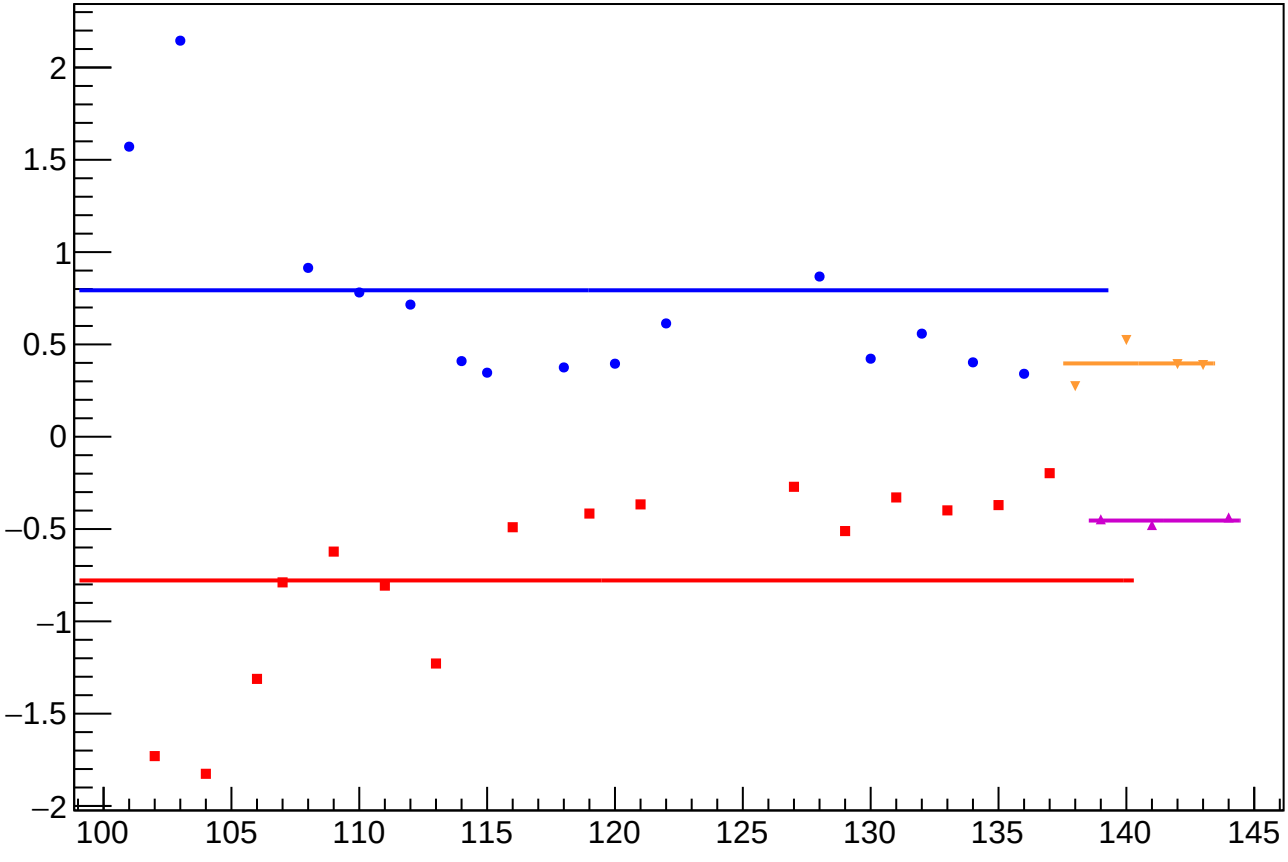
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: -1.852+/-0.000 χ^2/NDF:12130306820169402

Left In: -4.940+/-0.000 χ^2/NDF:632963897711534830765317847777 28.0/2

All: -0.123+/-0.000 χ^2/NDF: 3407210646238

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.014+/-0.000 χ^2/NDF: 98081582767885668

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.397+/-0.000 χ^2/NDF:250964955103699640217332665548 8.0/3

In: 0.441+/-0.000 χ^2/NDF:480364730973793502

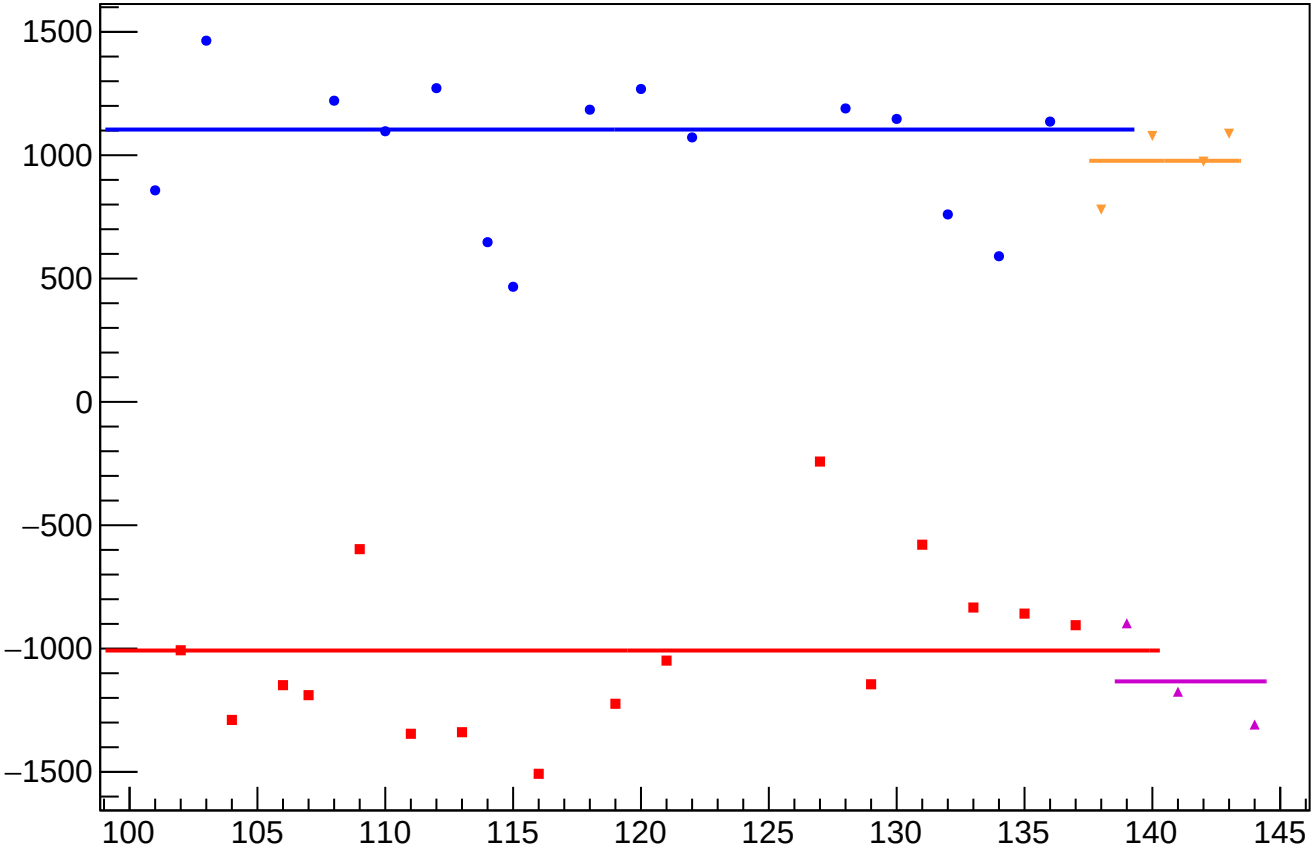
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.437+/-0.000 χ^2/NDF:4559887858257953 2

Left In: -0.454+/-0.000 χ^2/NDF:795448929453578004525440040 96.0/2

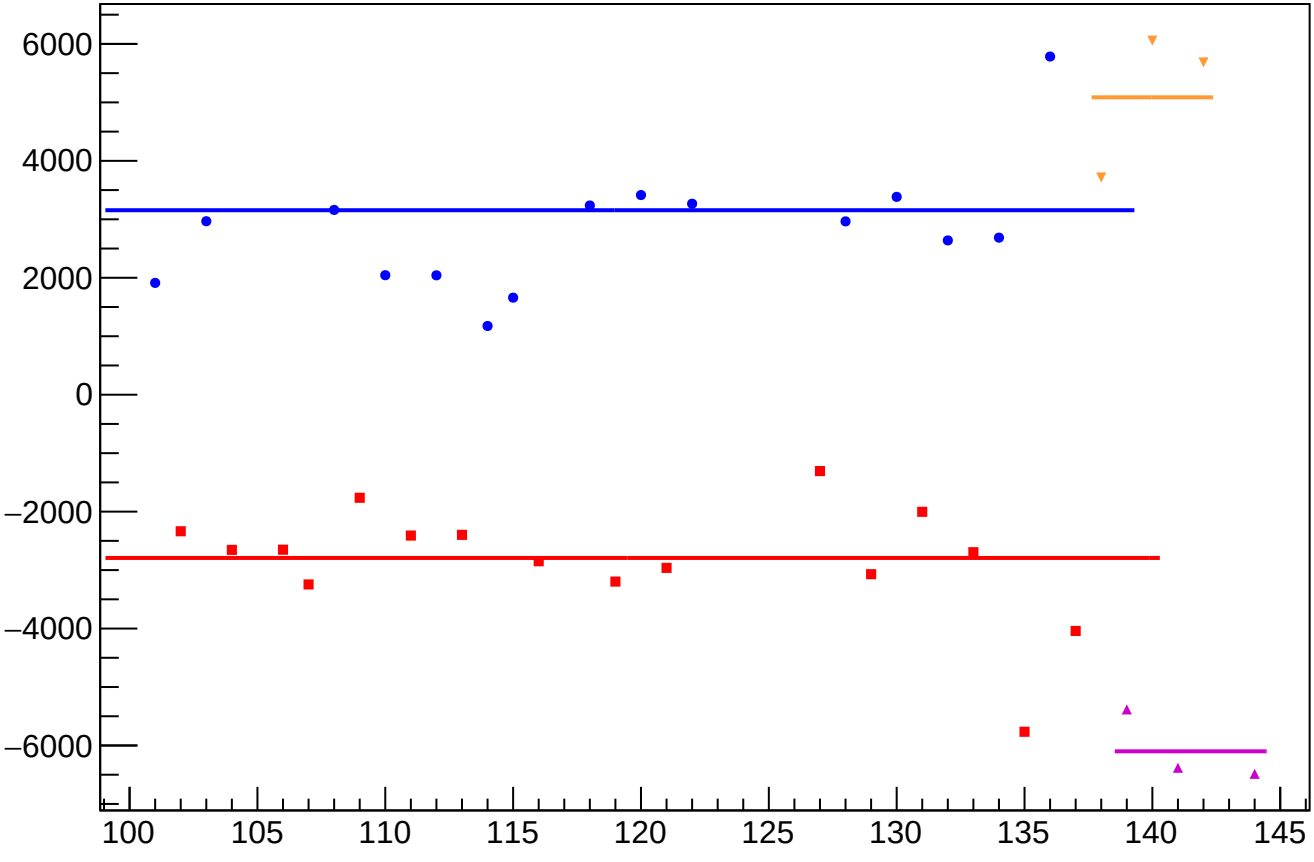
All: -0.006+/-0.000 χ^2/NDF: 1291965059718

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -1101.281+/-0.000 χ^2/NDF: 14559878466769

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 5086.285+/-0.000 χ^2/NDF:240095693832794968776434255889208180736.0/2

In: 544.703+/-0.000 χ^2/NDF:16646884593347067

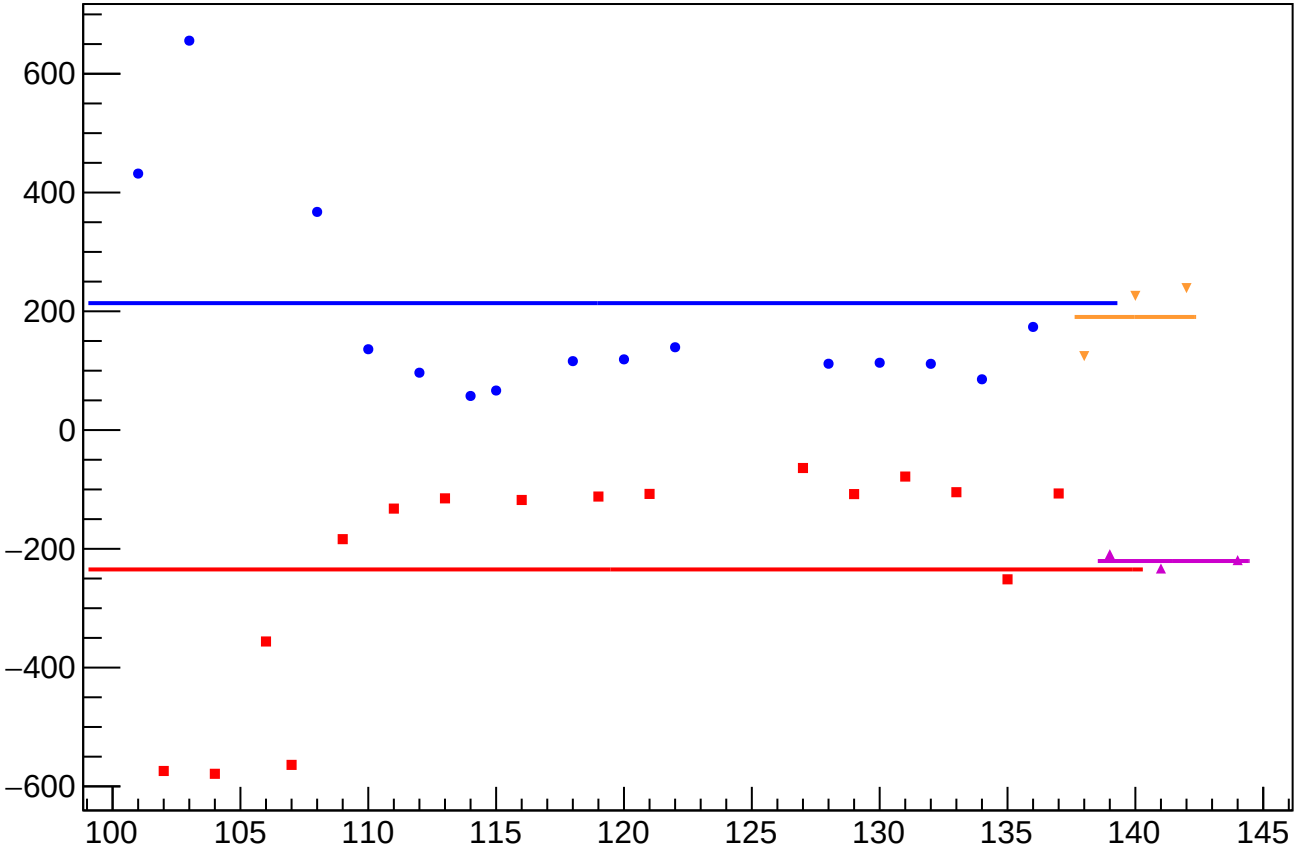
Right Out: -2792.245+/-0.000 χ^2/NDF: 674635749324173001973264427530986717184.0/15

Out: -933.165+/-0.000 χ^2/NDF:106841604196736

Left In: -6099.863+/-0.000 χ^2/NDF:614876497822634682141309124918755983 36.0/2

All: -181.340+/-0.000 χ^2/NDF: 28301033133

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -36.869+/-0.000 χ^2/NDF: 1982380146755668

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 190.473+/-0.000 χ^2/NDF:5512914591699470162494307367974338 56.0/2

In: 91.241+/-0.000 χ^2/NDF:54266953906565449

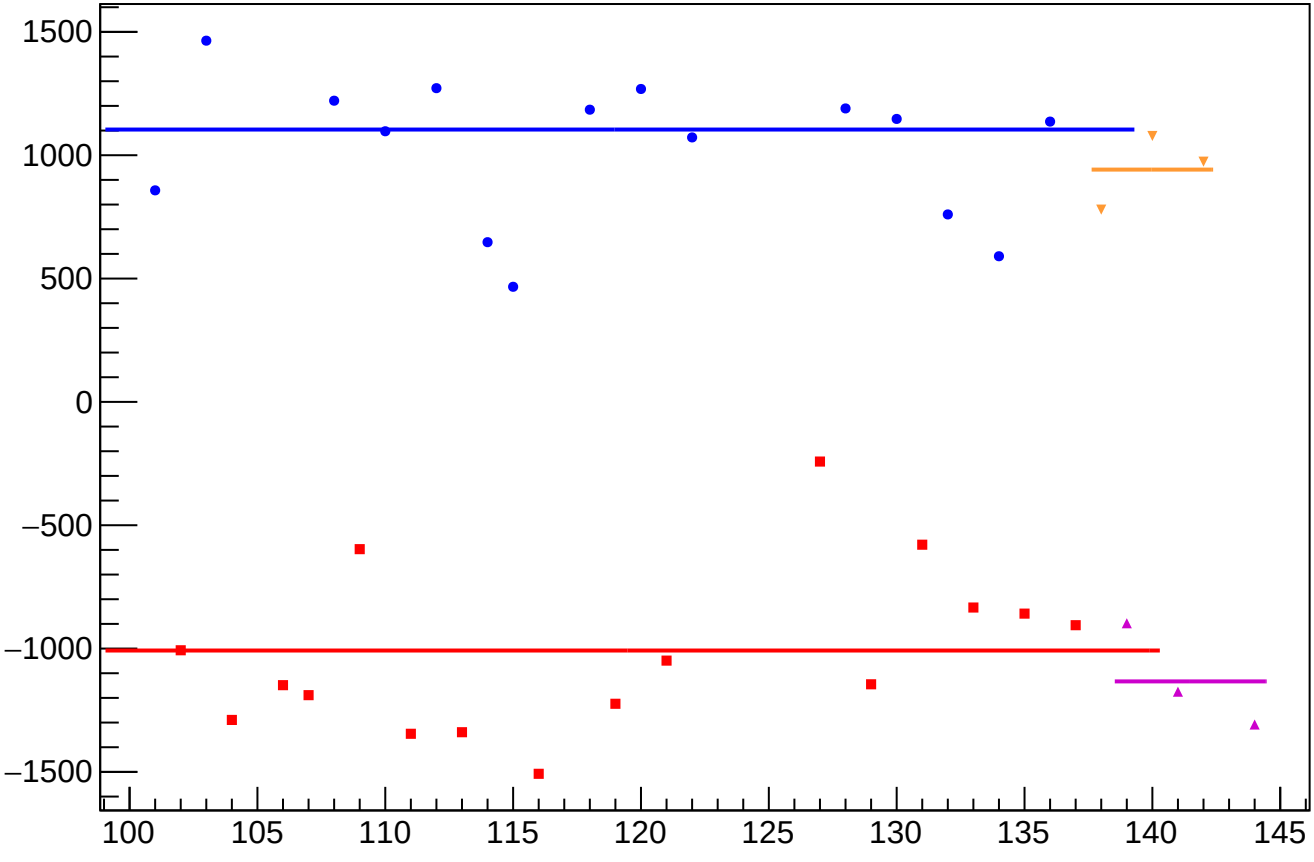
Right Out: -234.712+/-0.000 χ^2/NDF: 24013134107167214895189050481067425792.0/15

Out: -134.382+/-0.000 χ^2/NDF:530179791672438

Left In: -220.527+/-0.000 χ^2/NDF:24276702648851162069893258227482624.0/2

All: -19.602+/-0.000 χ^2/NDF: 129893050890

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -205.957+/-0.000 χ^2/NDF: 501545409497569

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 941.748+/-0.000 χ^2/NDF:362460792955495445978731767563236147 2.0/2

In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4

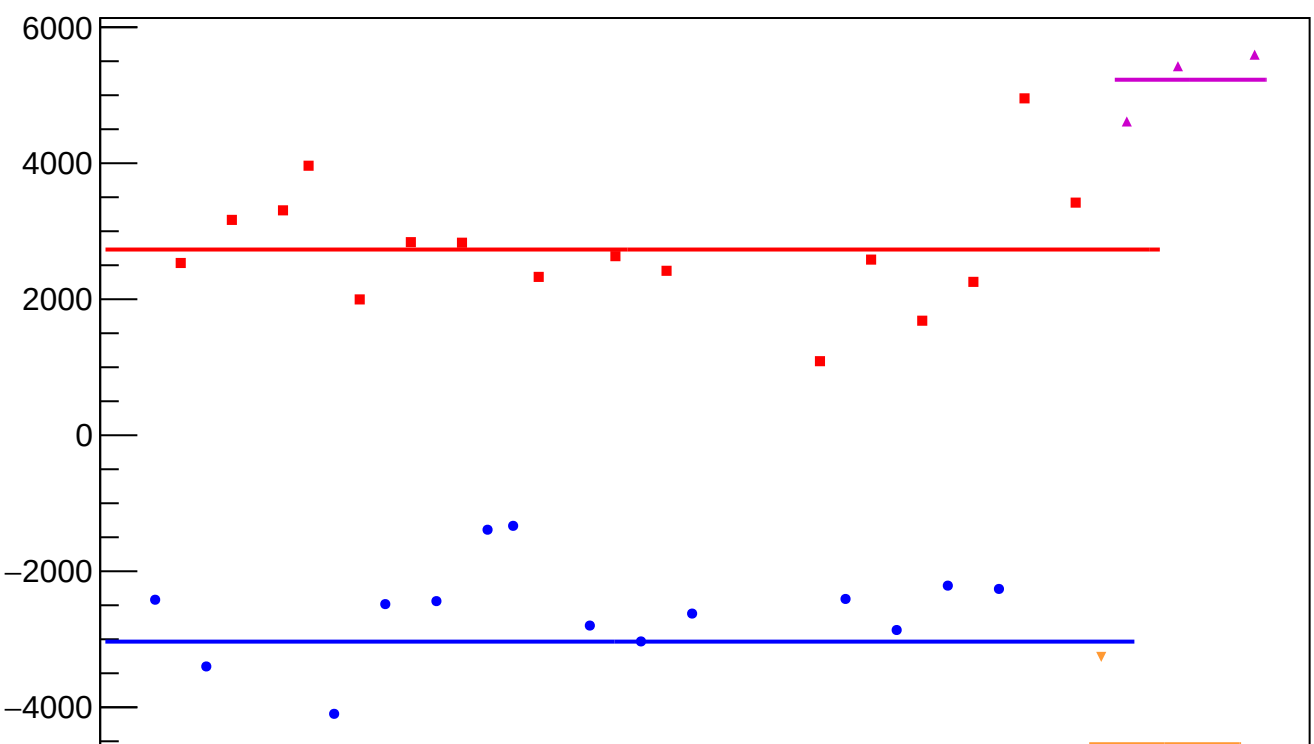
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: -547.850+/-0.000 χ^2/NDF:670967365358664

Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

All: -28.504+/-0.000 χ^2/NDF: 209023040113

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 175.700+/-0.000 χ^2/NDF: 1281700976667180

Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -4543.334+/-0.000 χ^2/NDF:1829009256031201730848570072362909696 00.0/3

In: -703.881+/-0.000 χ^2/NDF:1317420724266185

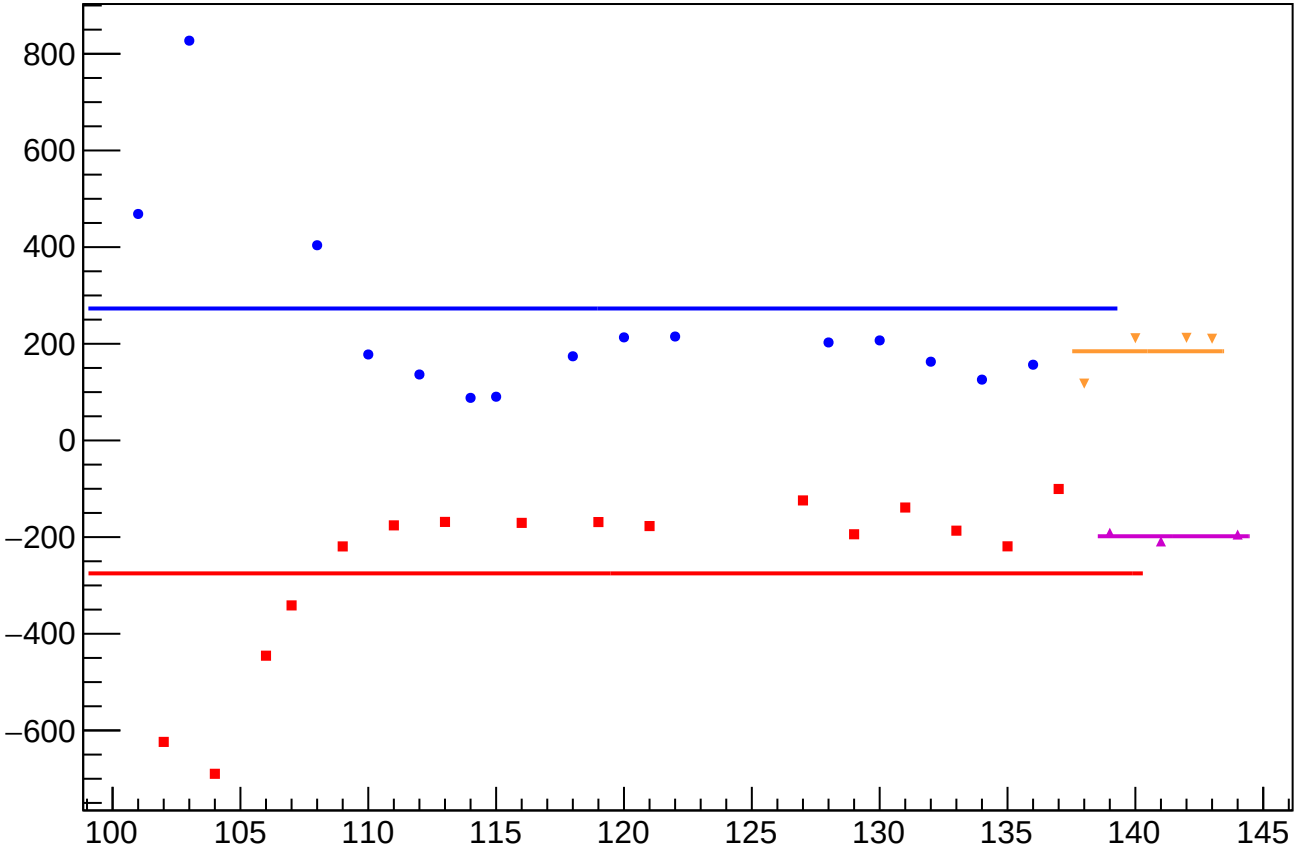
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: 618.372+/-0.000 χ^2/NDF:1096183691804440

Left In: 5227.843+/-0.000 χ^2/NDF:4593916287107231887329574858972253388 8.0/2

All: -29.847+/-0.000 χ^2/NDF: 249417280868

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 184.542+/-0.000 χ^2/NDF:4896329902559855526598143376235994 88.0/3

Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705 0112.0/15

Left In: -198.228+/-0.000 χ^2/NDF:1501623247939128833360131186176819 2.0/2

Left: -0.319+/-0.000 χ^2/NDF: 19821834935198317

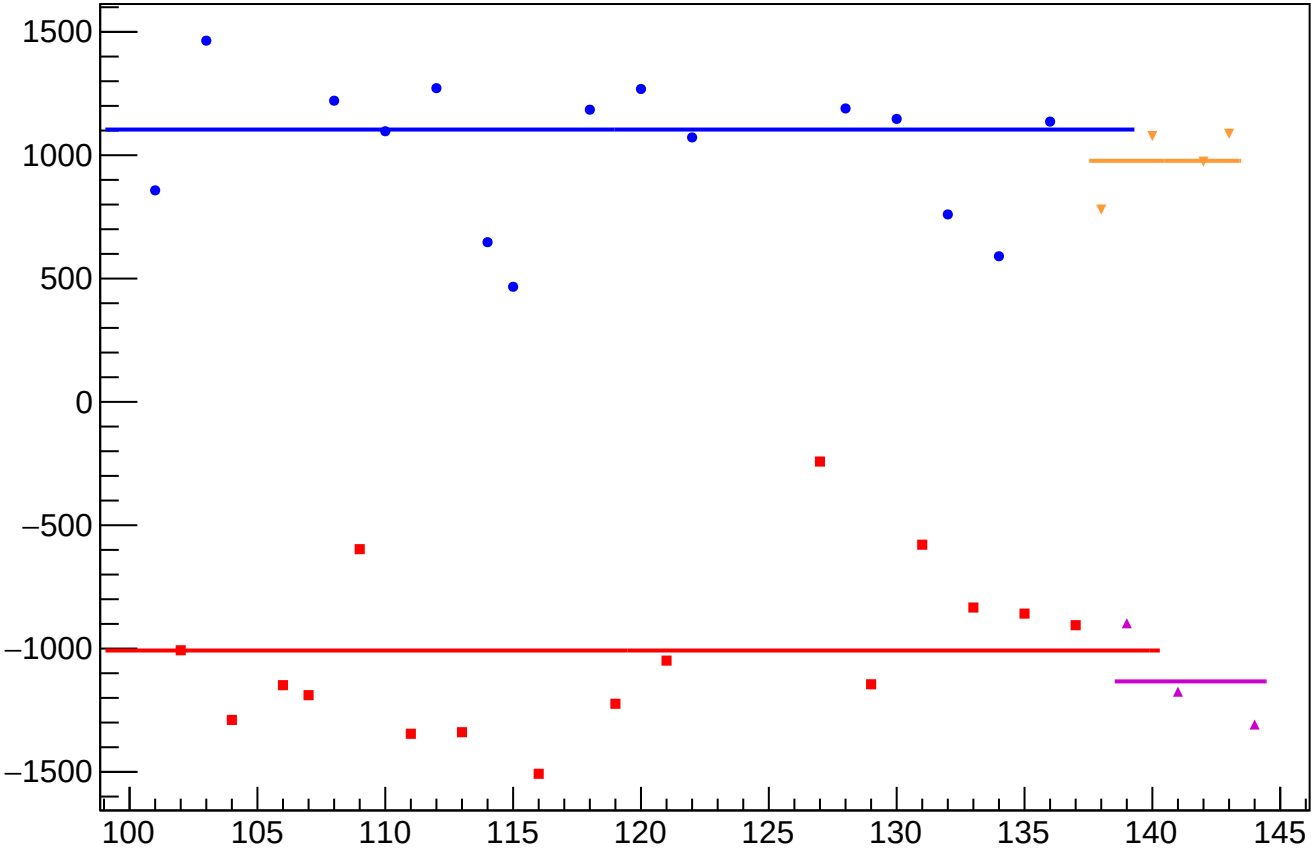
Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

In: 140.104+/-0.000 χ^2/NDF:6715931877644346

Out: -141.568+/-0.000 χ^2/NDF:636703299210222

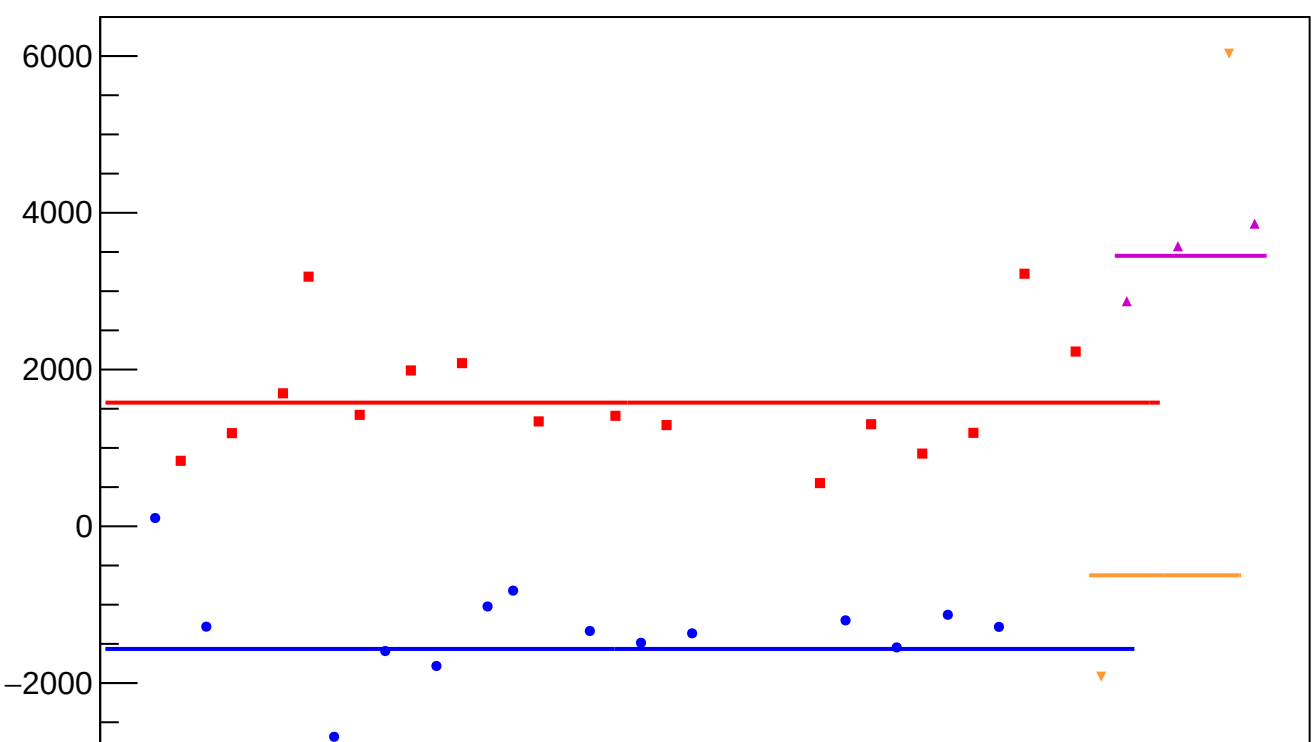
All: -3.482+/-0.000 χ^2/NDF: 1673910840762

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_atl1_coil3_mean vs Slug, Sign Corrected



Left: 1343.469+/-0.000 χ^2/NDF: 626293959200048

Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14

Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694

Left Out: -625.309+/-0.000 χ^2/NDF:4028466661997418102708846865084422553600.0/3

In: -149.736+/-0.000 χ^2/NDF:5133049407777049

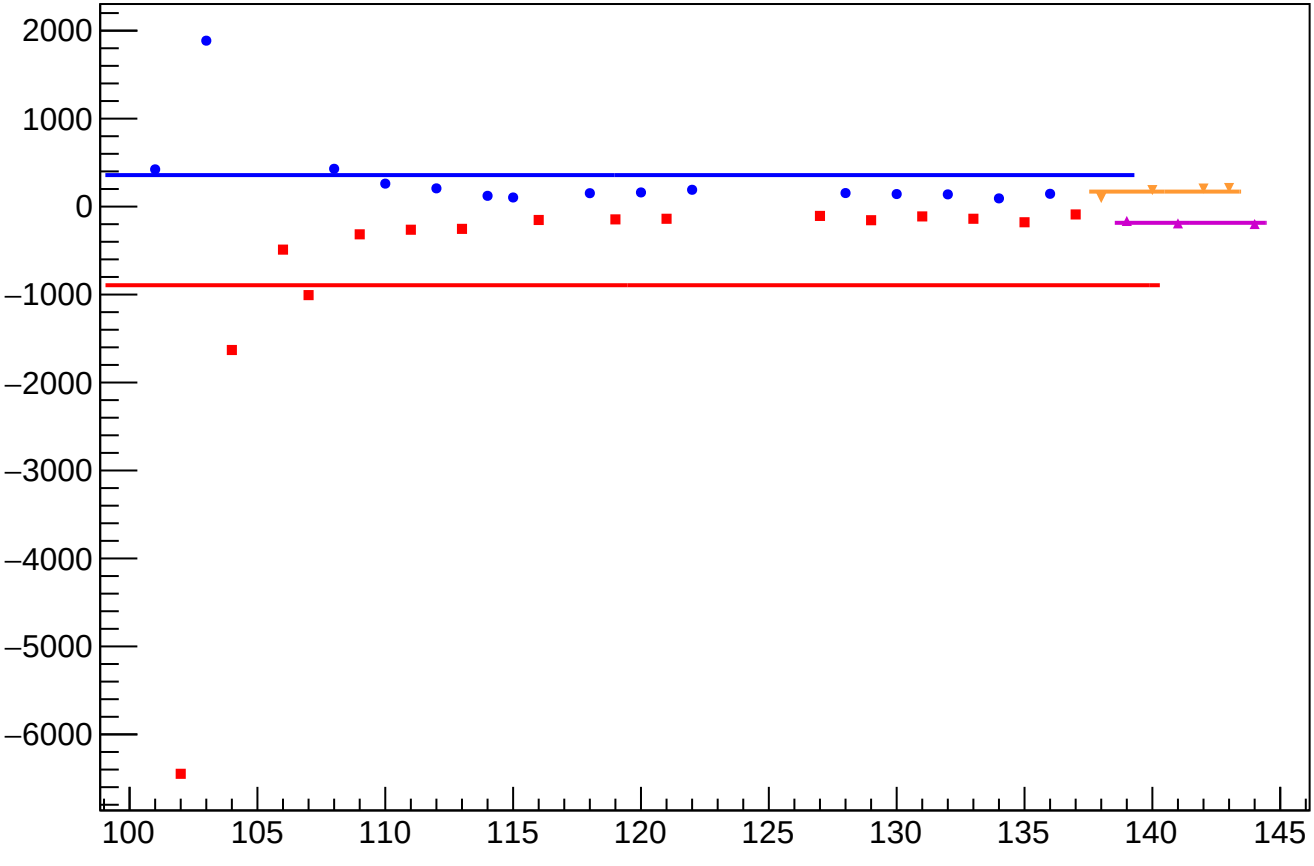
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15

Out: 938.229+/-0.000 χ^2/NDF:5337466748047890

Left In: 3451.219+/-0.000 χ^2/NDF:4343566186606372993871628920665250201 6.0/2

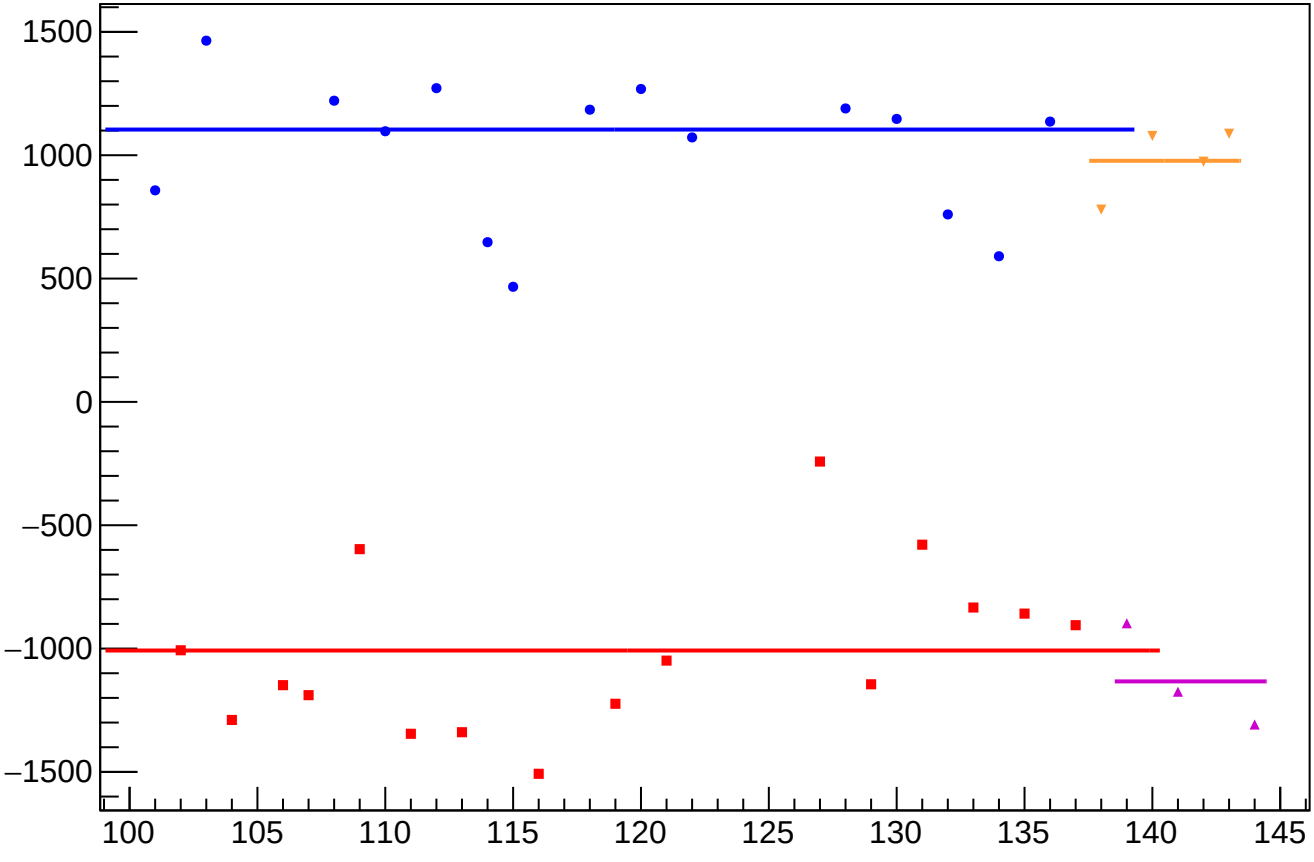
All: 404.867+/-0.000 χ^2/NDF: 11015979325 8

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



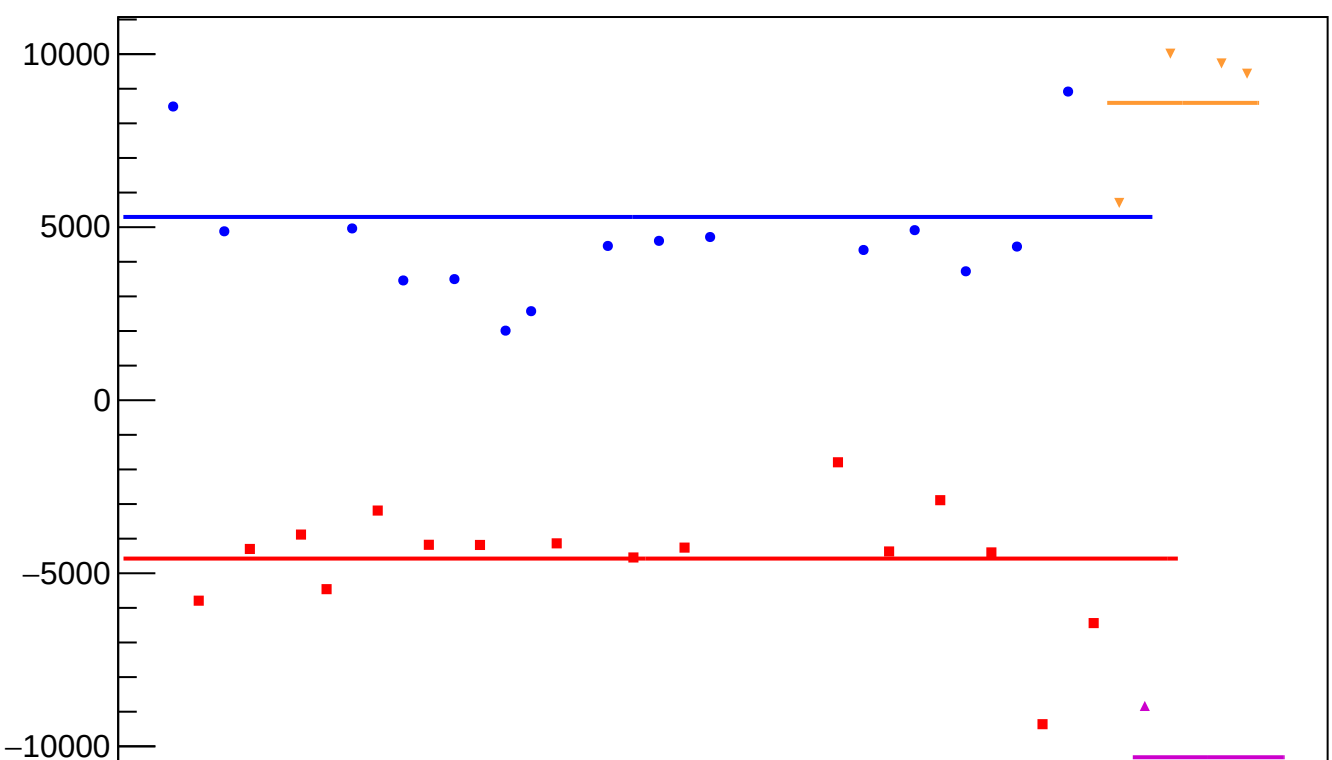
Left: -0.930+/-0.000 χ^2/NDF: 17278137911779192
Right In: 358.080+/-0.000 χ^2/NDF: 15792278914569785816564445209020281651 2.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 170.502+/-0.000 χ^2/NDF:60925586677121880478719364162807398 4.0/3
In: 205.039+/-0.000 χ^2/NDF:2118661310706365
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039050 24.0/15
Out: -584.768+/-0.000 χ^2/NDF:229599646237628
Left In: -184.463+/-0.000 χ^2/NDF:5615664634488346994435891779967385 6.0/2
All: -197.574+/-0.000 χ^2/NDF: 2795323097 1

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



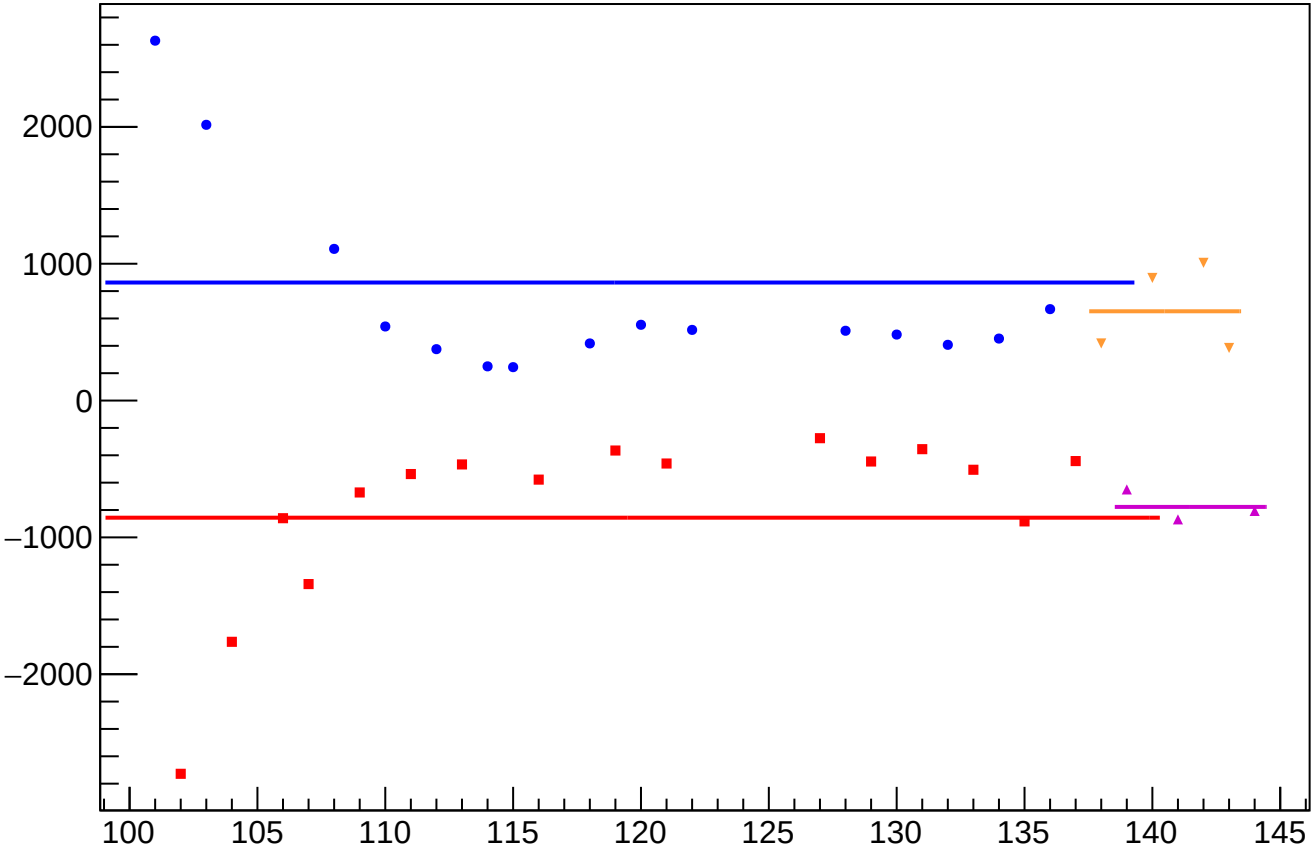
Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_atl2_coil3_mean vs Slug, Sign Corrected



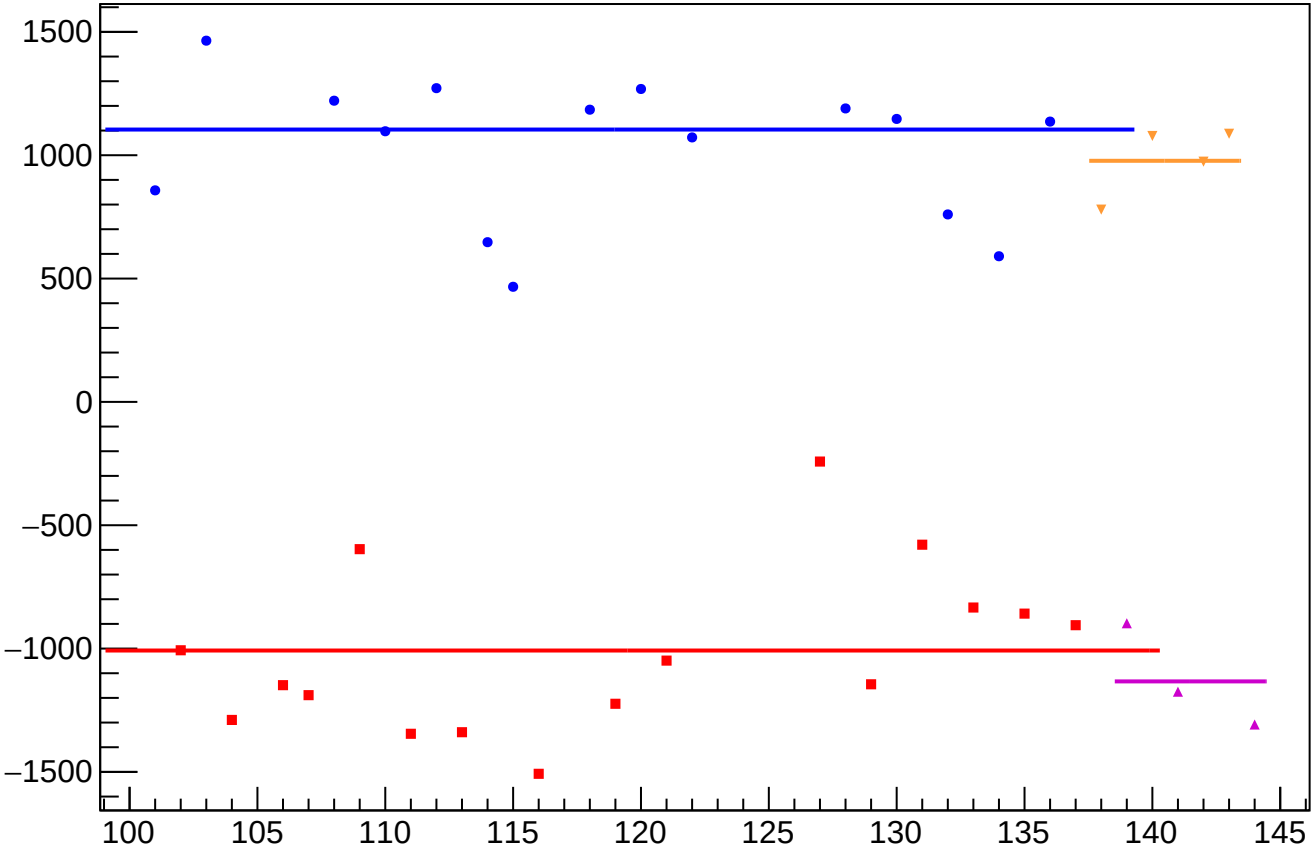
Left: -539.879+/-0.000 χ^2/NDF: 483244932452096
Right In: 5295.485+/-0.000 χ^2/NDF: 2505645232968263275444048016093183213568.0/14
Right: 292.602+/-0.000 χ^2/NDF: 364180360676330
Left Out: 8591.529+/-0.000 χ^2/NDF:9249986696575106761087391314107705589 76.0/3
In: 891.843+/-0.000 χ^2/NDF:4738804744549817 6
Right Out: -4575.270+/-0.000 χ^2/NDF: 1863322094770403739096100800072716910592.0/15
Out: -751.295+/-0.000 χ^2/NDF:363714432830185
Left In: -10315.858+/-0.000 χ^2/NDF:2657508402324186797201459142236171141 12.0/2
All: 54.234+/-0.000 χ^2/NDF: 8500367212858

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



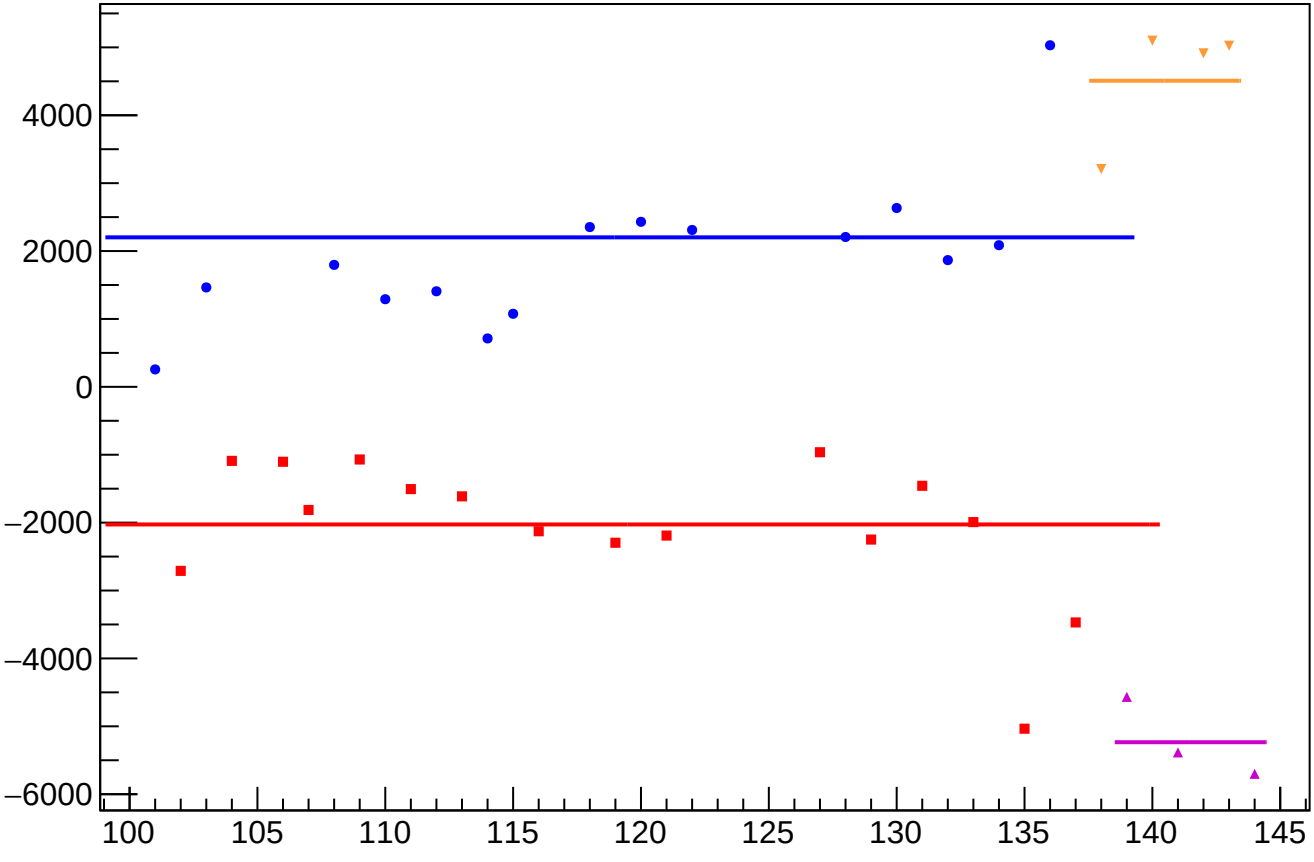
Left: -38.032+/-0.000 χ^2/NDF: 2914058304671828
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 652.495+/-0.000 χ^2/NDF:1976543105266553720191429975085364019 2.0/3
In: 400.076+/-0.000 χ^2/NDF:8321631255937492
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: -417.936+/-0.000 χ^2/NDF:787801873048214
Left In: -777.302+/-0.000 χ^2/NDF:2103706258136864462788887698915459072.0/2
All: -16.915+/-0.000 χ^2/NDF: 192832315341

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -196.725+/-0.000 χ^2/NDF: 127587510477711

Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

Right: 58.517+/-0.000 χ^2/NDF: 767753071120733 1

Left Out: 4508.681+/-0.000 χ^2/NDF:185846094151652680923061350454200893440.0/3

In: 104.265+/-0.000 χ^2/NDF:1126688205331546 6

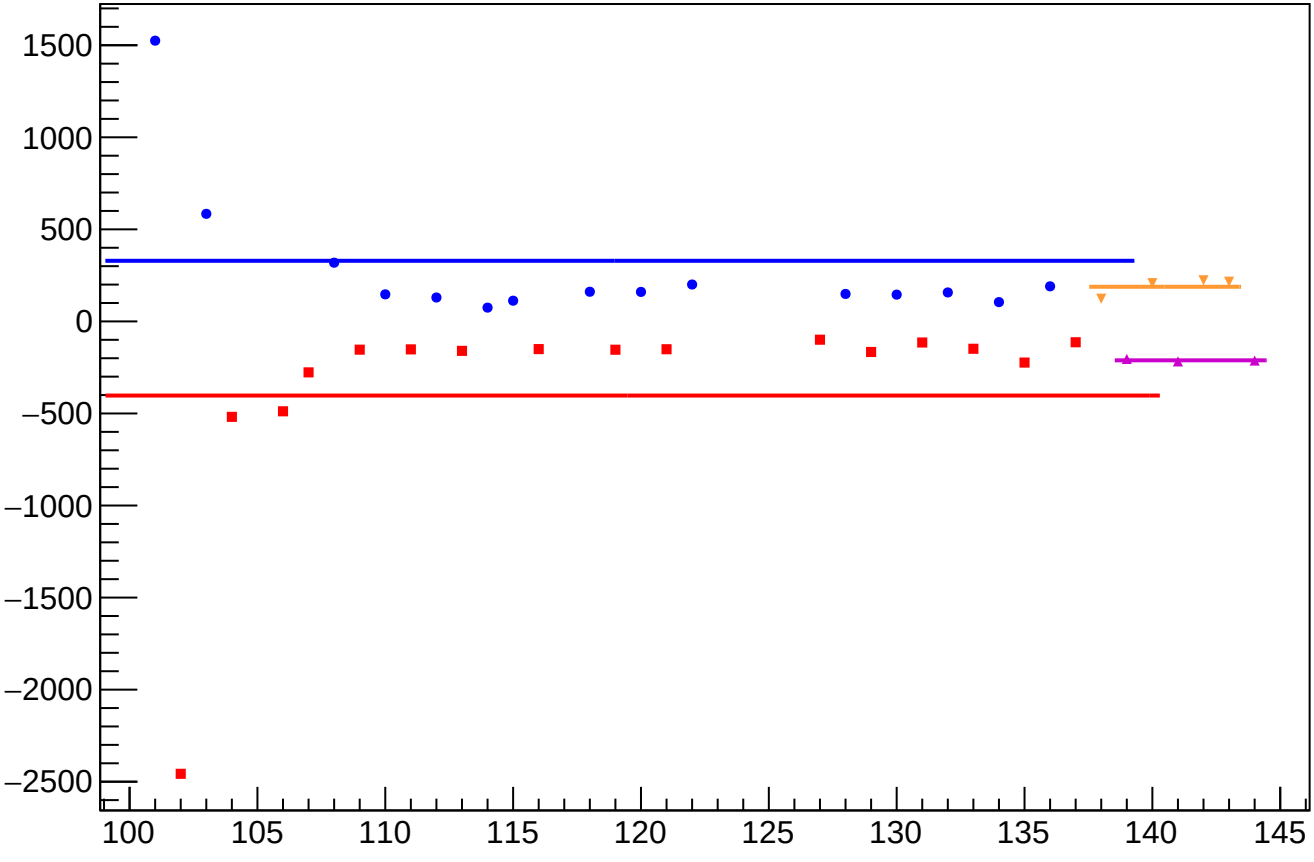
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

Out: -128.849+/-0.000 χ^2/NDF:916890625252641

Left In: -5234.277+/-0.000 χ^2/NDF:5733531911575393407722226647262298112 0.0/2

All: -14.568+/-0.000 χ^2/NDF: 204608306261

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.818+/-0.000 χ^2/NDF: 21517334165685640

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 188.130+/-0.000 χ^2/NDF:46521315268883625849347941835001036 8.0/3

In: 176.733+/-0.000 χ^2/NDF:1567975103771899

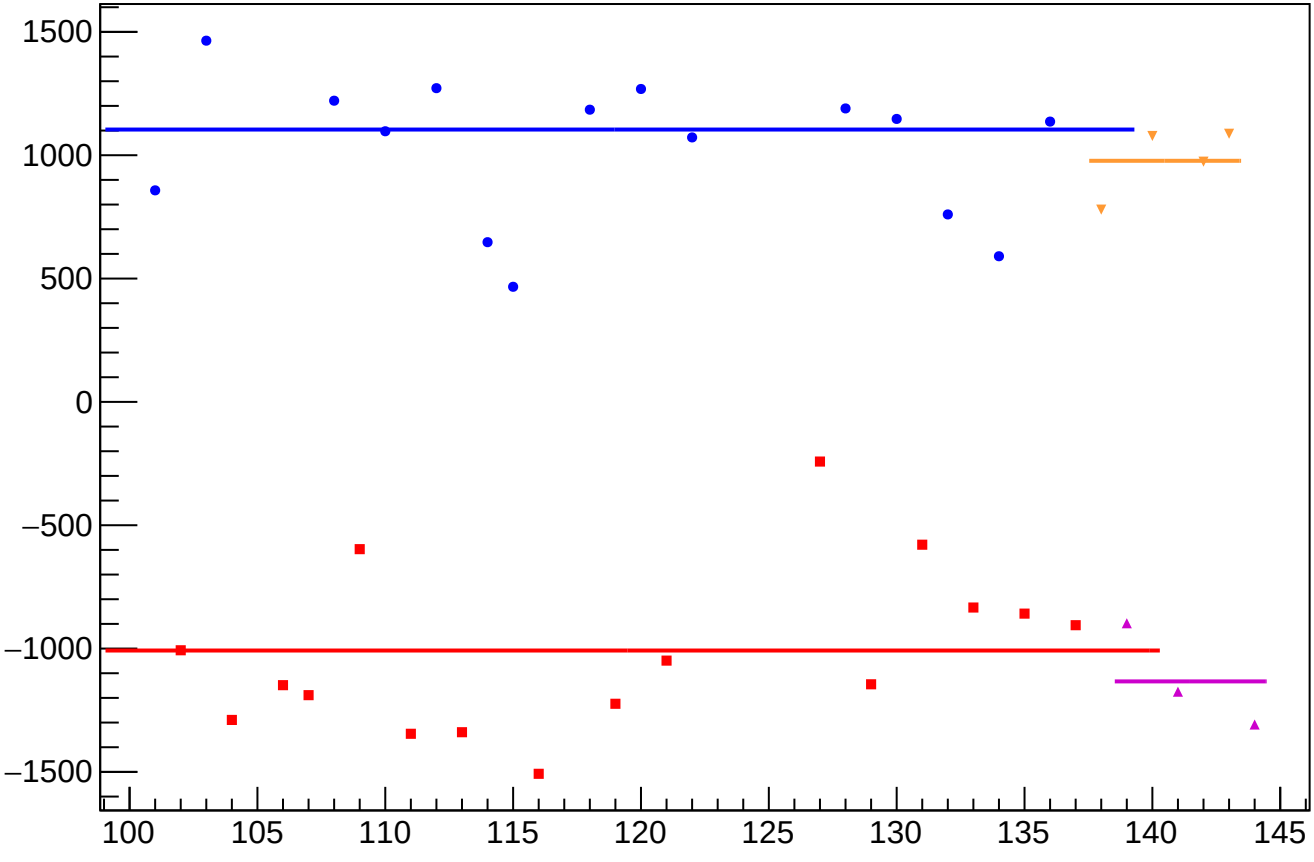
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -231.101+/-0.000 χ^2/NDF:345720719365160

Left In: -211.386+/-0.000 χ^2/NDF:7650416775217898413900901105270784.0/2

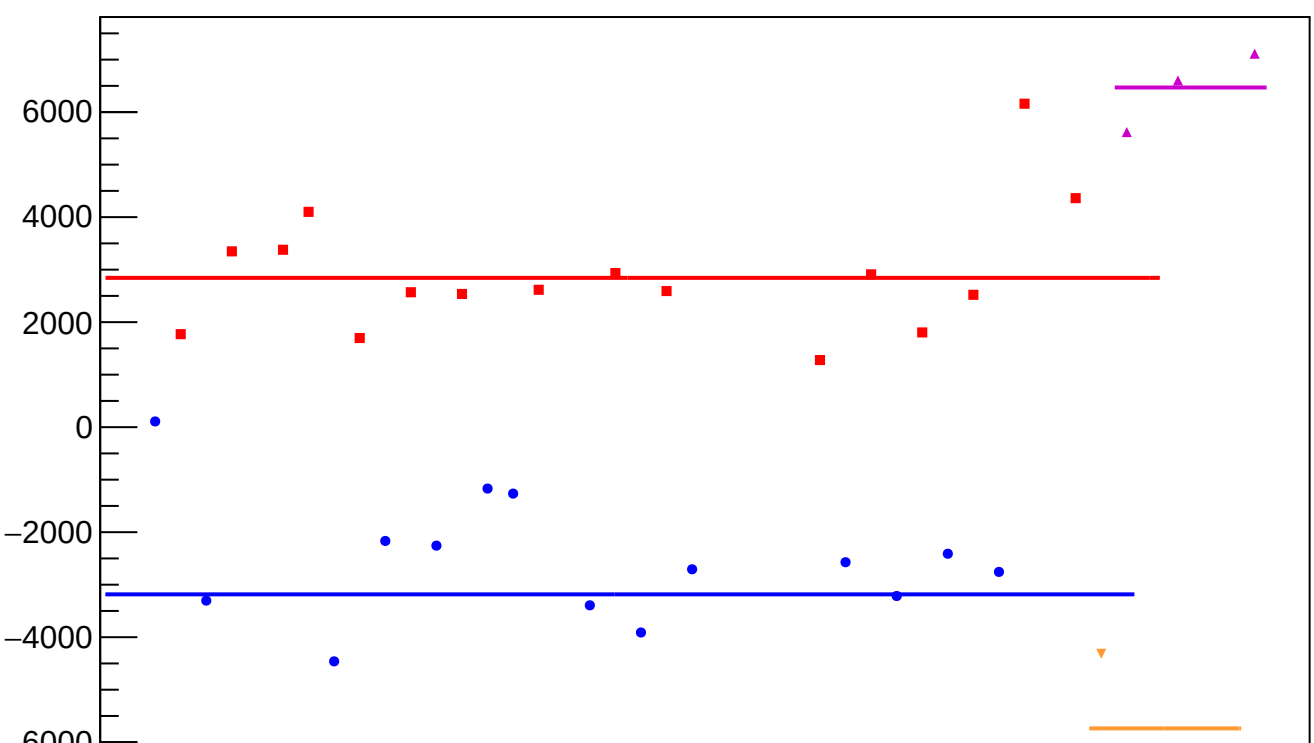
All: -31.165+/-0.000 χ^2/NDF: 579166259147

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



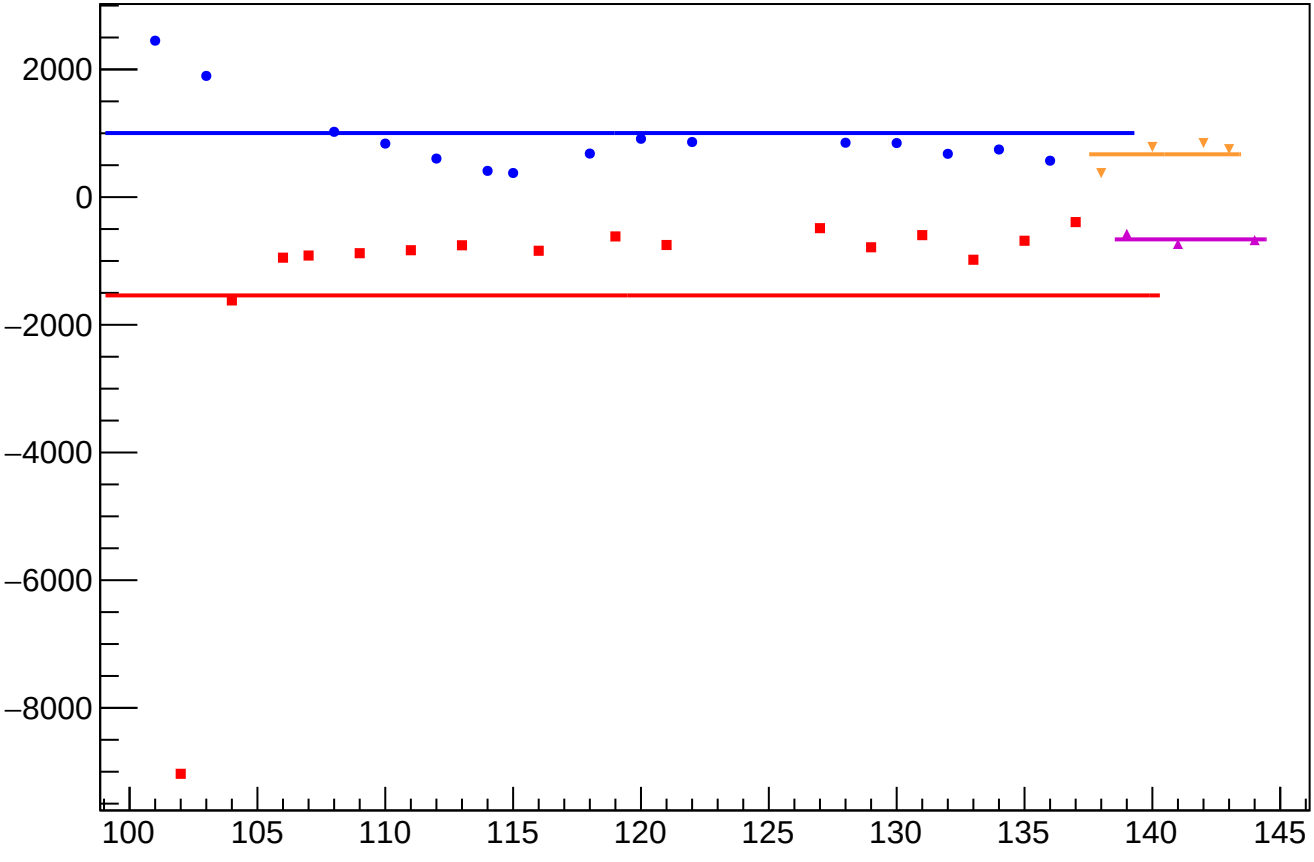
Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_atr2_coil3_mean vs Slug, Sign Corrected



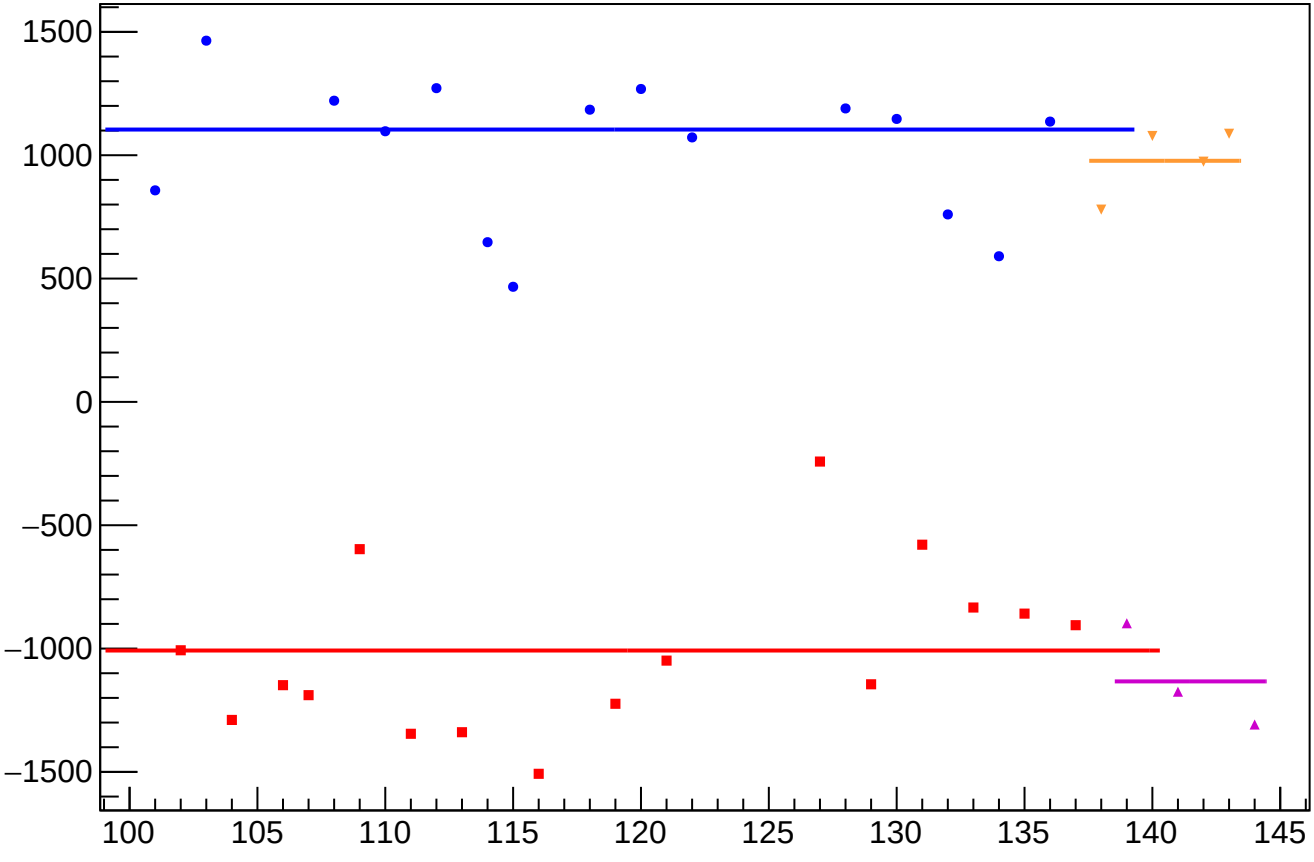
Left: 158.025+/-0.000 χ^2/NDF: 199627852763637
Right In: -3183.928+/-0.000 χ^2/NDF: 213492328138442253729604411964273354342 4.0/14
Right: -128.944+/-0.000 χ^2/NDF: 150326813424419
Left Out: -5736.865+/-0.000 χ^2/NDF:222990955088384636957757809837201162240.0/3
In: -461.026+/-0.000 χ^2/NDF:1929006090795371
Right Out: 2843.597+/-0.000 χ^2/NDF: 947077611563723244705531091944015396864.0/15
Out: 351.612+/-0.000 χ^2/NDF:1543211775137384
Left In: 6469.026+/-0.000 χ^2/NDF:967932010652551867614628824343547740 16.0/2
All: -46.775+/-0.000 χ^2/NDF: 350264979167

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



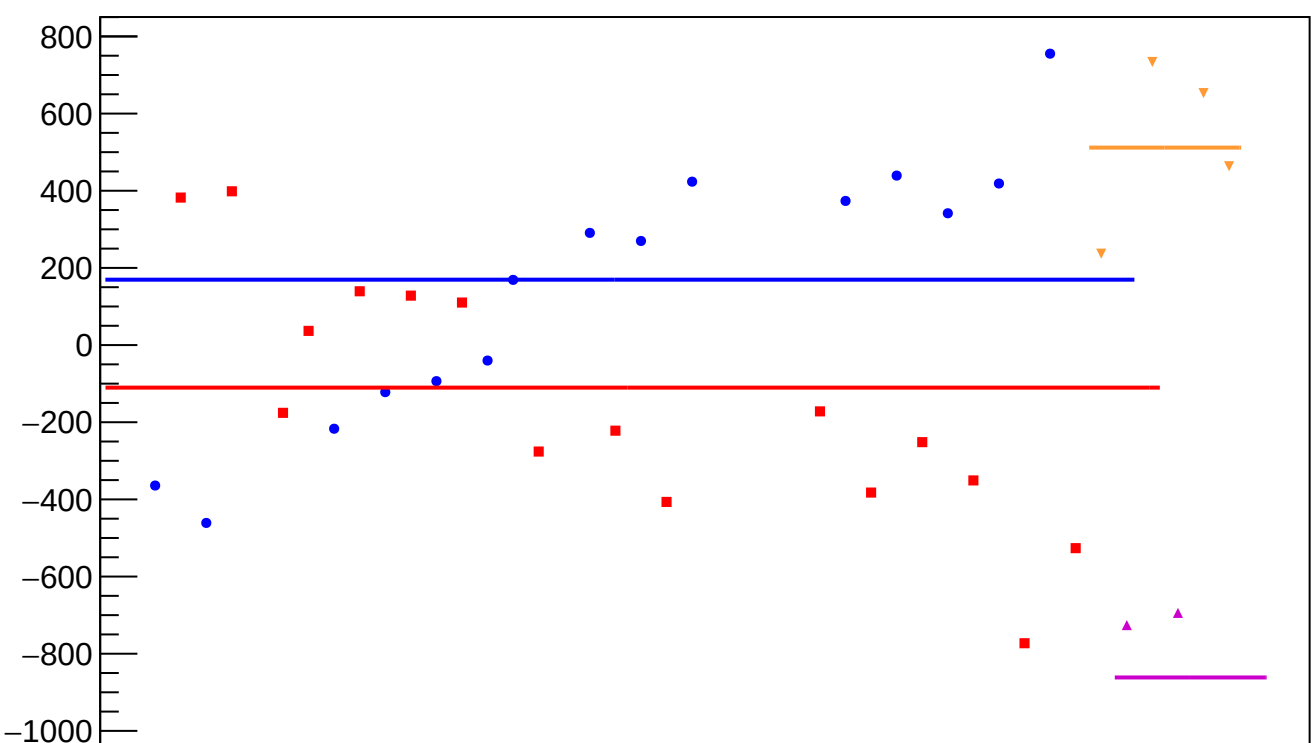
Left: 27.176+/-0.000 χ^2/NDF: 2448555194914365
Right In: 1003.407+/-0.000 χ^2/NDF: 2198152572948111988110646198221961953 28.0/14
Right: -285.472+/-0.000 χ^2/NDF: 59617429830759
Left Out: 670.649+/-0.000 χ^2/NDF:9725571646074174293919258942961090560.0/3
In: 533.709+/-0.000 χ^2/NDF:7284775765552169
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
Out: -897.665+/-0.000 χ^2/NDF:457080337480251
Left In: -661.718+/-0.000 χ^2/NDF:1075732279748122261073408936690843648.0/2
All: -195.950+/-0.000 χ^2/NDF: 6243431685

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -151.427+/-0.000 χ^2/NDF: 270718858192039

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: 511.851+/-0.000 χ^2/NDF:110122298529882406268274558202858700 80.0/3

In: -121.339+/-0.000 χ^2/NDF:301059736612070 1

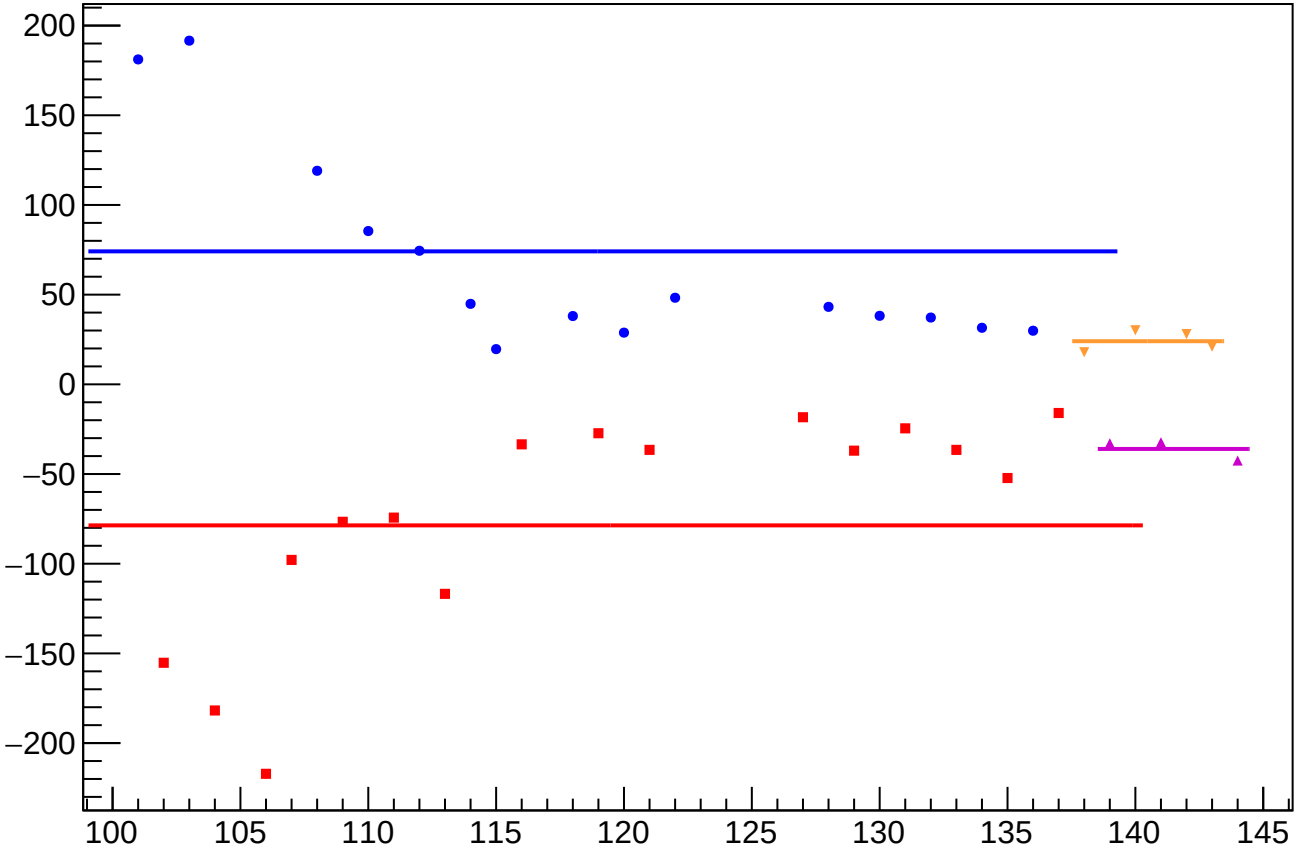
Right Out: -110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

Out: 70.397+/-0.000 χ^2/NDF:157761530966644 40

Left In: -861.524+/-0.000 χ^2/NDF:110227469329063060843341840783213854 72.0/2

All: -23.599+/-0.000 χ^2/NDF: 475762302513

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.965+/-0.000 χ^2/NDF: 48866980982882782

Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 24.041+/-0.000 χ^2/NDF:7353920175068448071387376731029504.0/3

In: 43.058+/-0.000 χ^2/NDF:43951877460346796

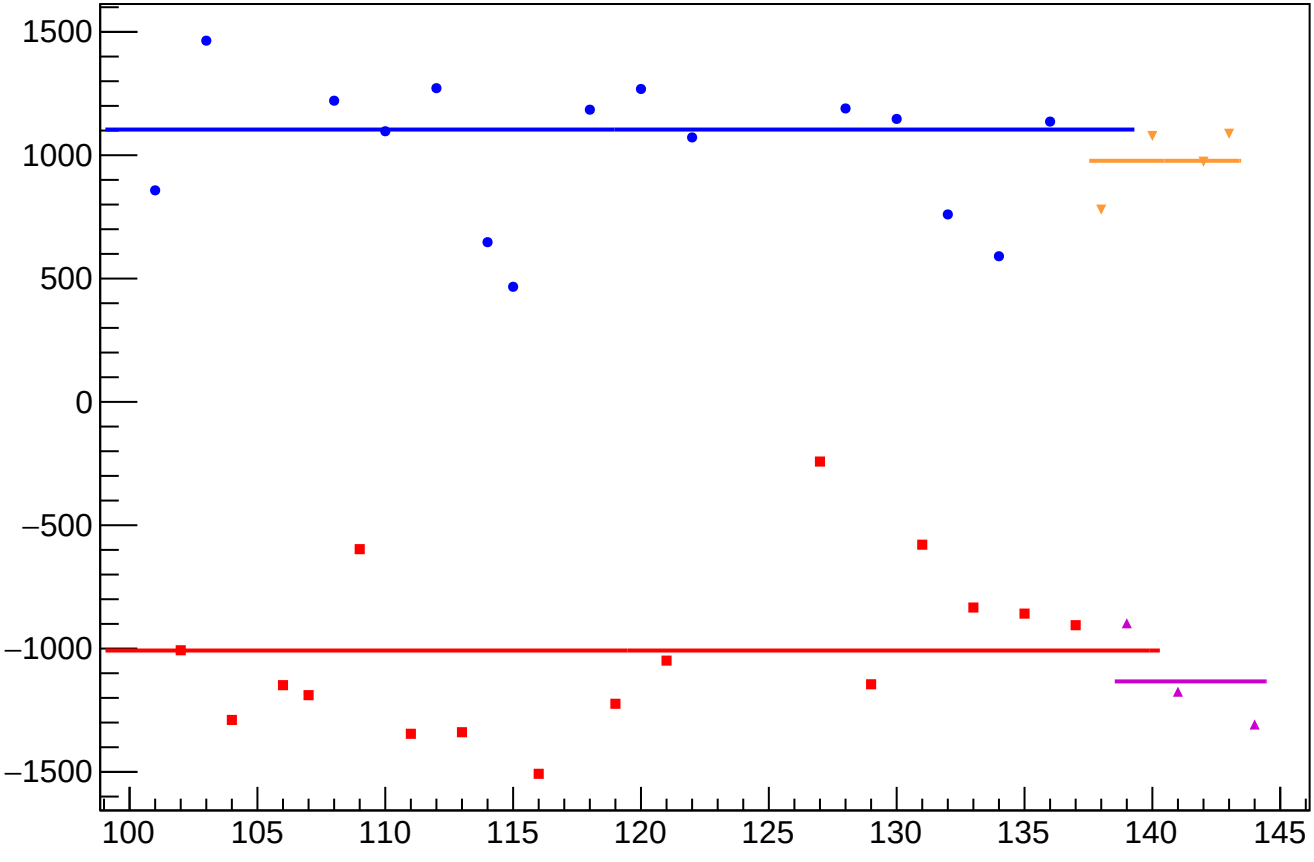
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -48.814+/-0.000 χ^2/NDF:4392690613860352

Left In: -36.019+/-0.000 χ^2/NDF:5726182763375034198367545782697984.0/2

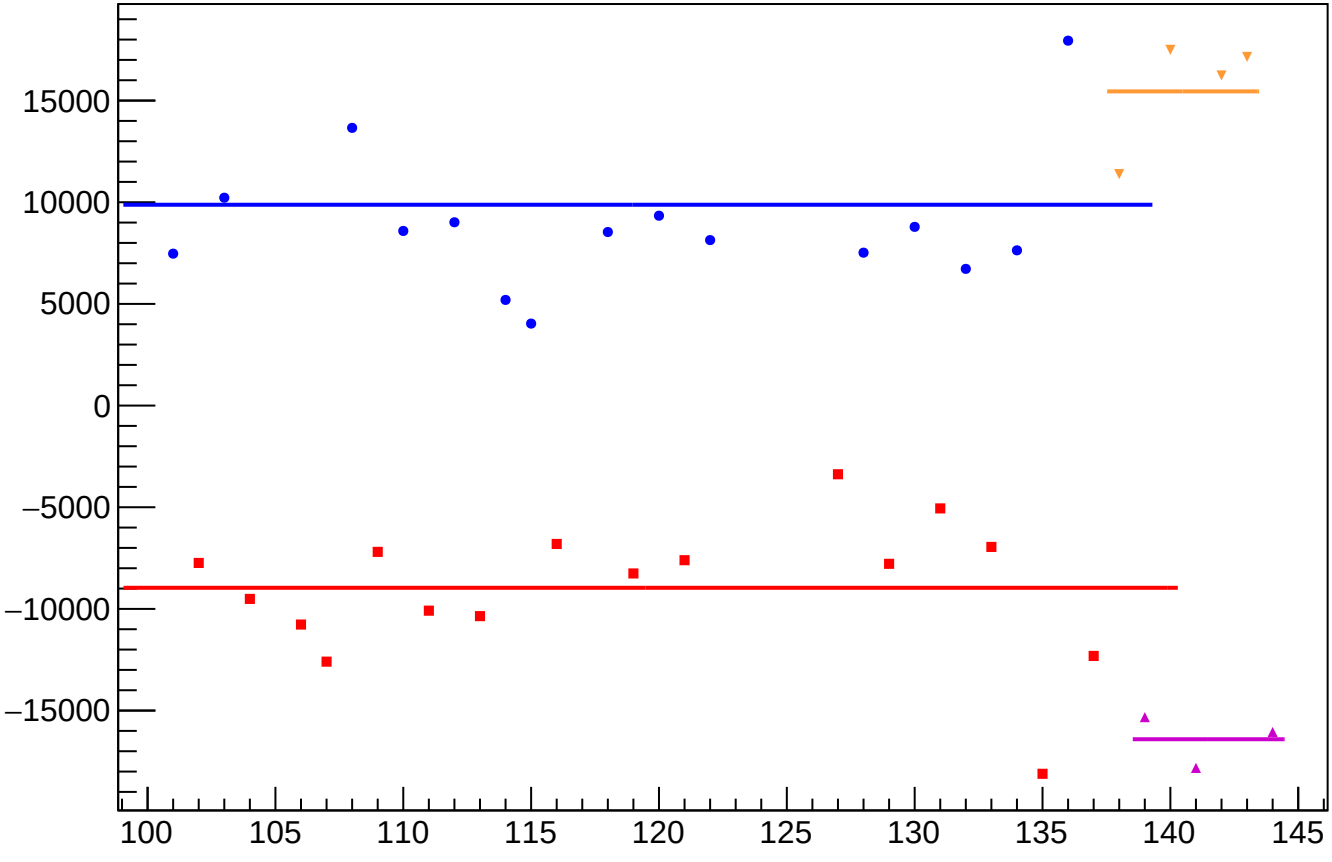
All: -3.775+/-0.000 χ^2/NDF: 1267746348171

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Left Out: 15451.363+/-0.000 χ^2/NDF:185433365639126666277586798346537376153 6.0/3

Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Left In: -16410.005+/-0.000 χ^2/NDF:2757524822921523148900299743889562009 60.0/2

Left: 63.770+/-0.000 χ^2/NDF: 1359737336772828 4

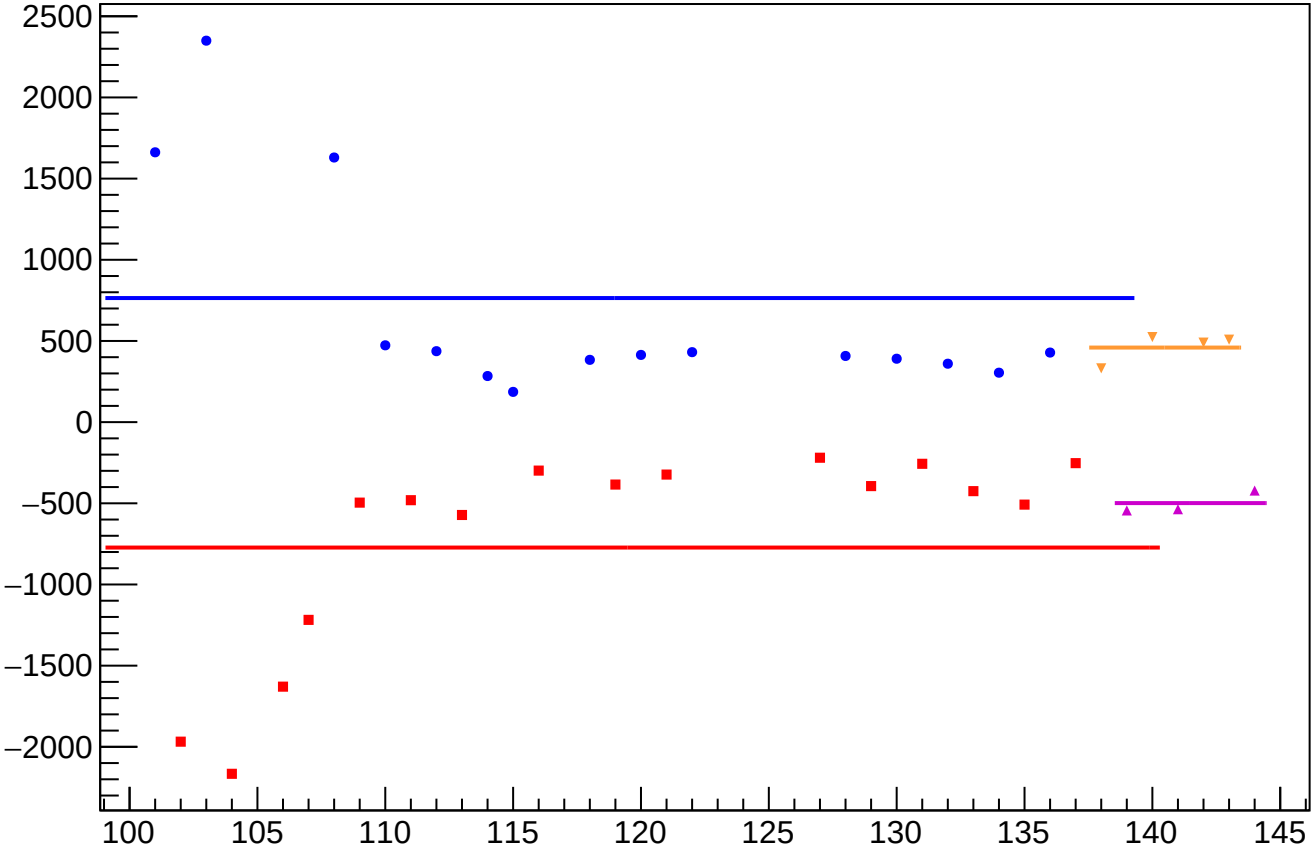
Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

In: 2461.634+/-0.000 χ^2/NDF:135256968001677 9

Out: -1871.447+/-0.000 χ^2/NDF:12489003591194

All: 252.797+/-0.000 χ^2/NDF: 2687992507 82

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.376+/-0.000 χ^2/NDF: 12364543812614087

Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

Right: -14.642+/-0.000 χ^2/NDF: 135377066004634

Left Out: 459.297+/-0.000 χ^2/NDF:18223088480161958706693344421834915 84.0/3

In: 408.019+/-0.000 χ^2/NDF:5838062761374977 8

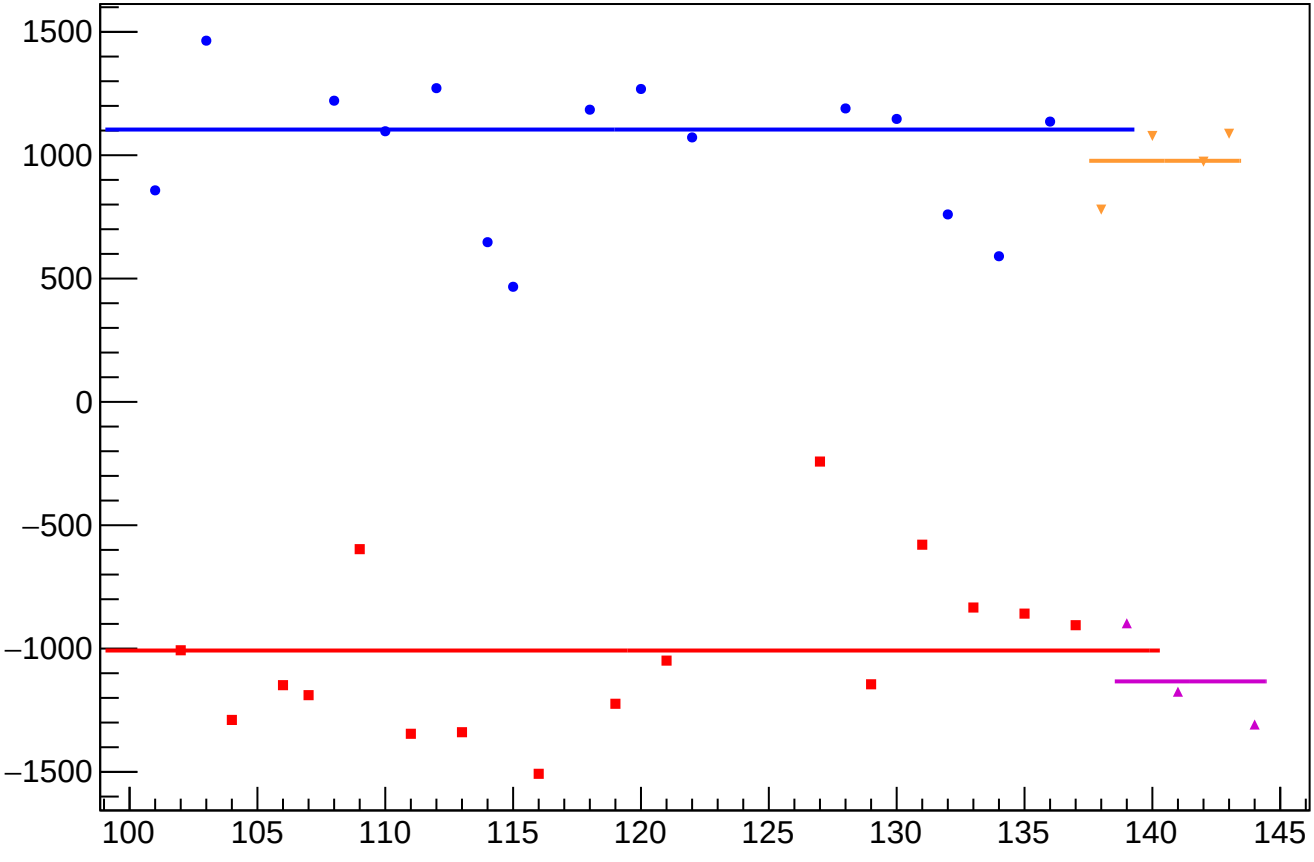
Right Out: -772.547+/-0.000 χ^2/NDF: 2859021389046424012786255876318916771 84.0/15

Out: -414.788+/-0.000 χ^2/NDF:581673676316687

Left In: -498.709+/-0.000 χ^2/NDF:8175754140651919588073561912959303 68.0/2

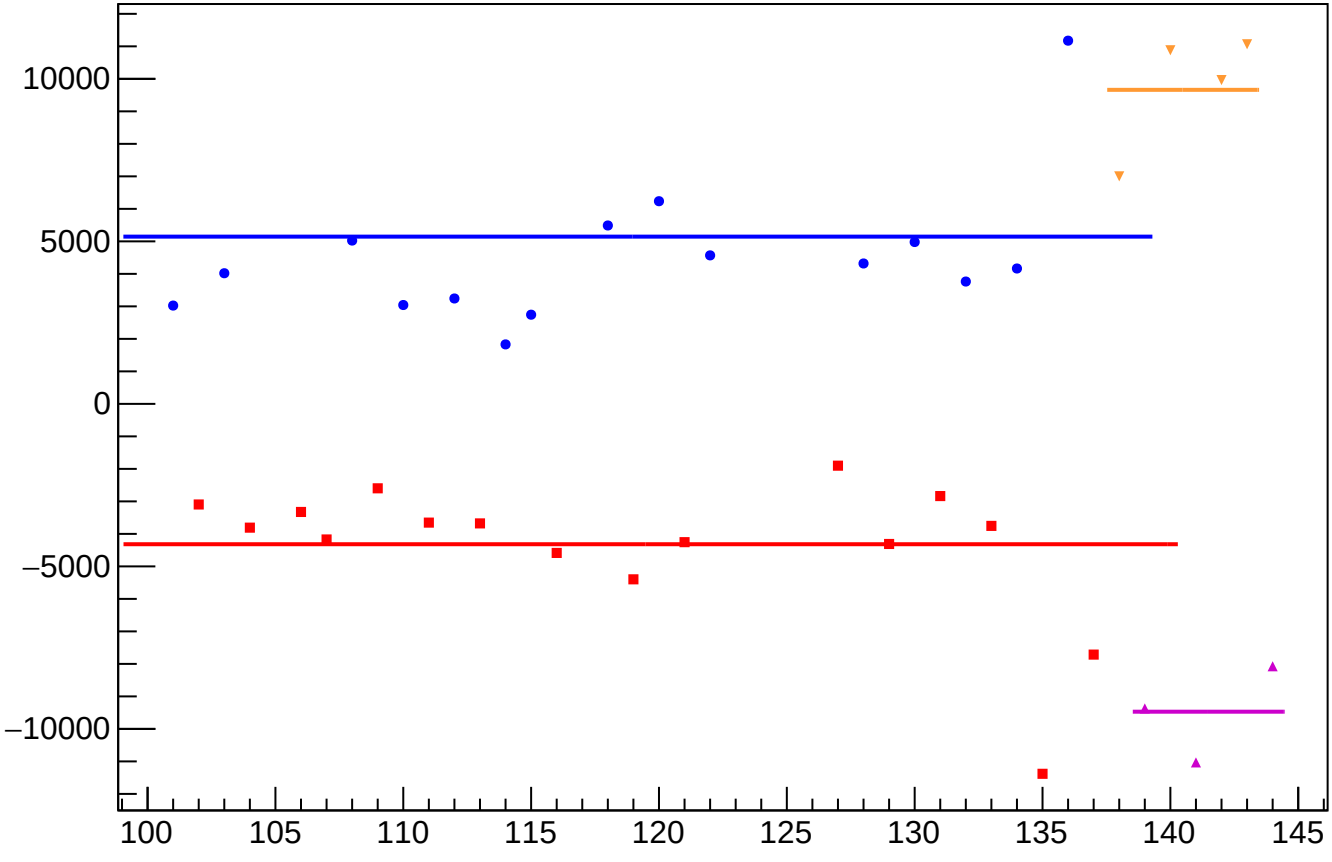
All: -11.416+/-0.000 χ^2/NDF: 147746392035

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: 421.611+/-0.000 χ^2/NDF: 4945472437744502

Right In: 5145.657+/-0.000 χ^2/NDF: 42728672624593722378105401958516622622 72.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9661.770+/-0.000 χ^2/NDF:810080683105191467379428275253955002368.0/3

In: 1022.654+/-0.000 χ^2/NDF:437655321132577

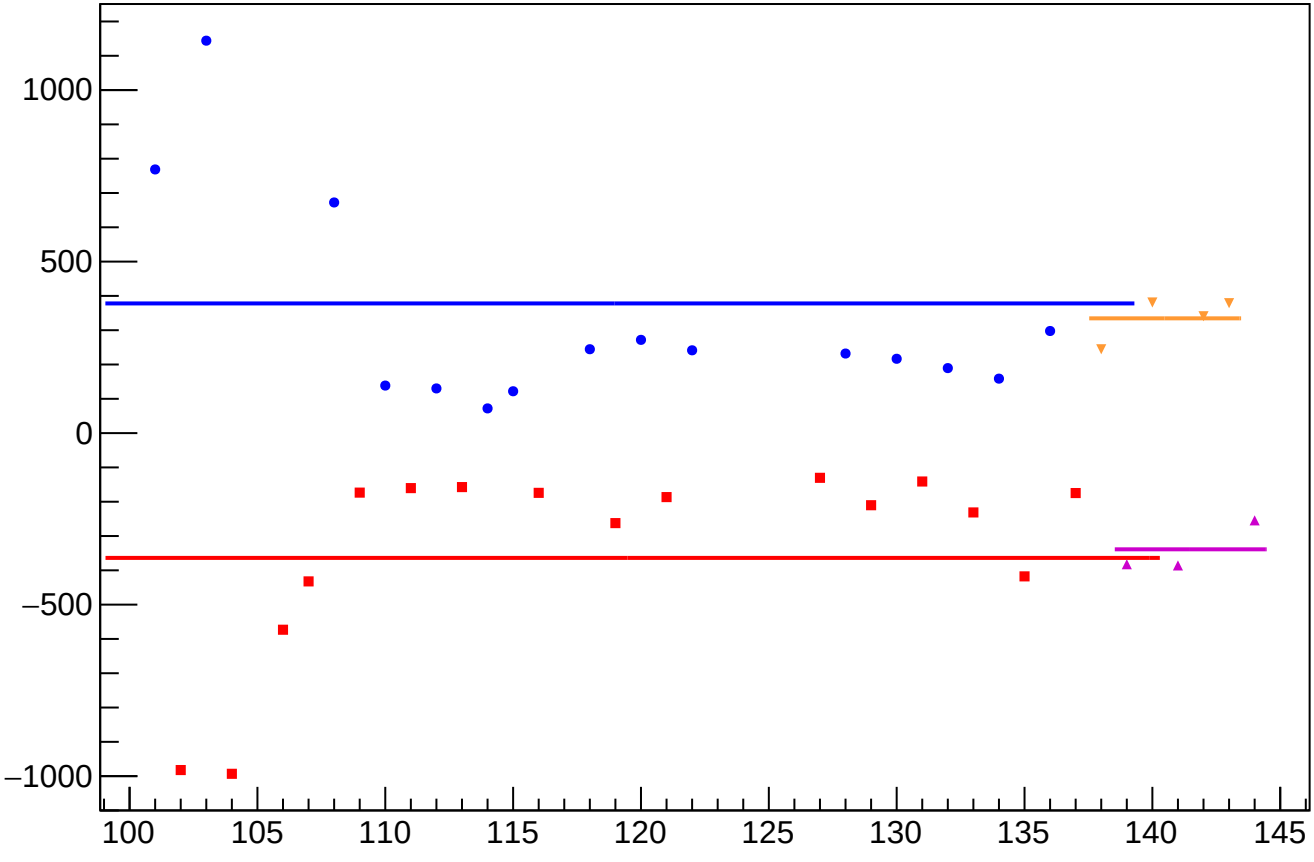
Right Out: -4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

Out: -258.007+/-0.000 χ^2/NDF:420142041279476

Left In: -9470.795+/-0.000 χ^2/NDF:381535480306379050437919418379600396288.0/2

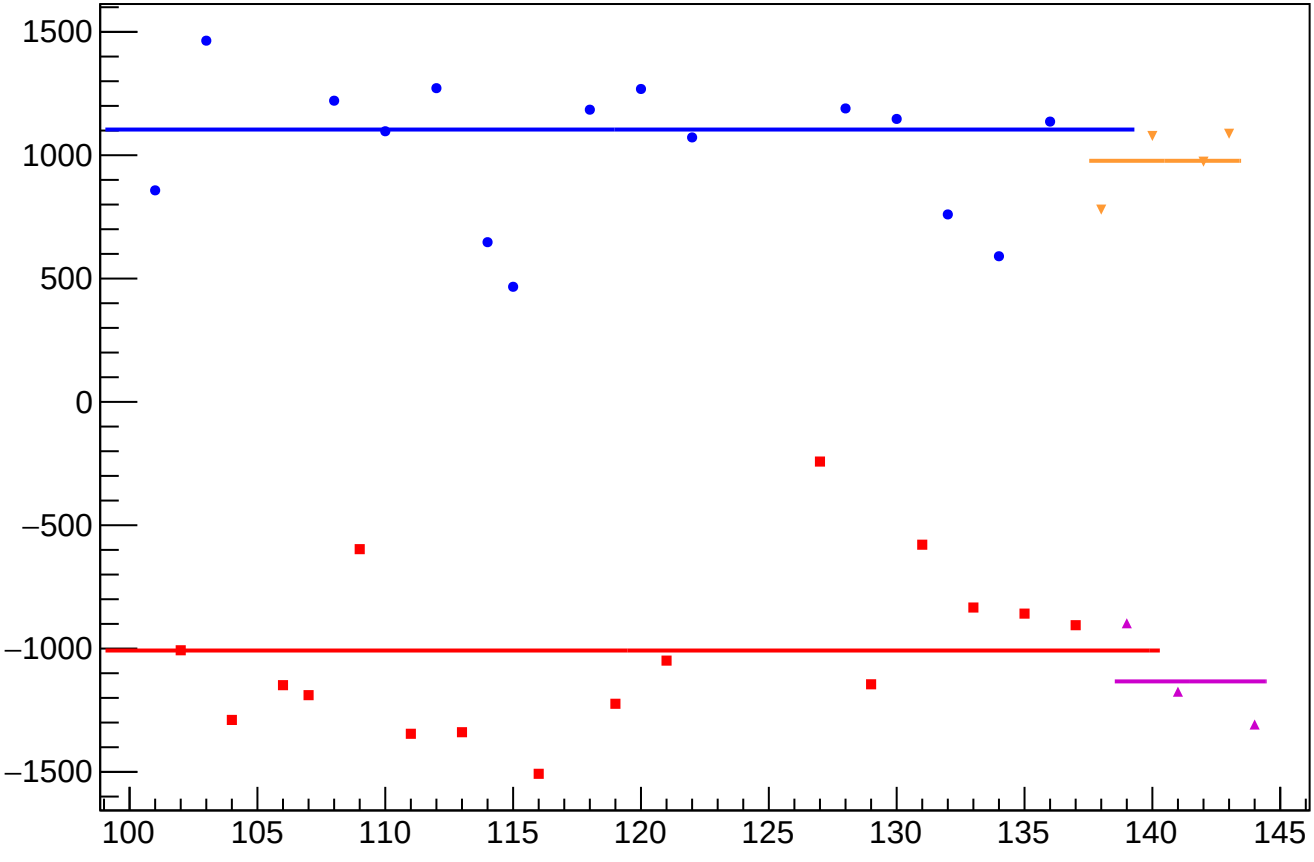
All: 369.822+/-0.000 χ^2/NDF: 865355306754

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



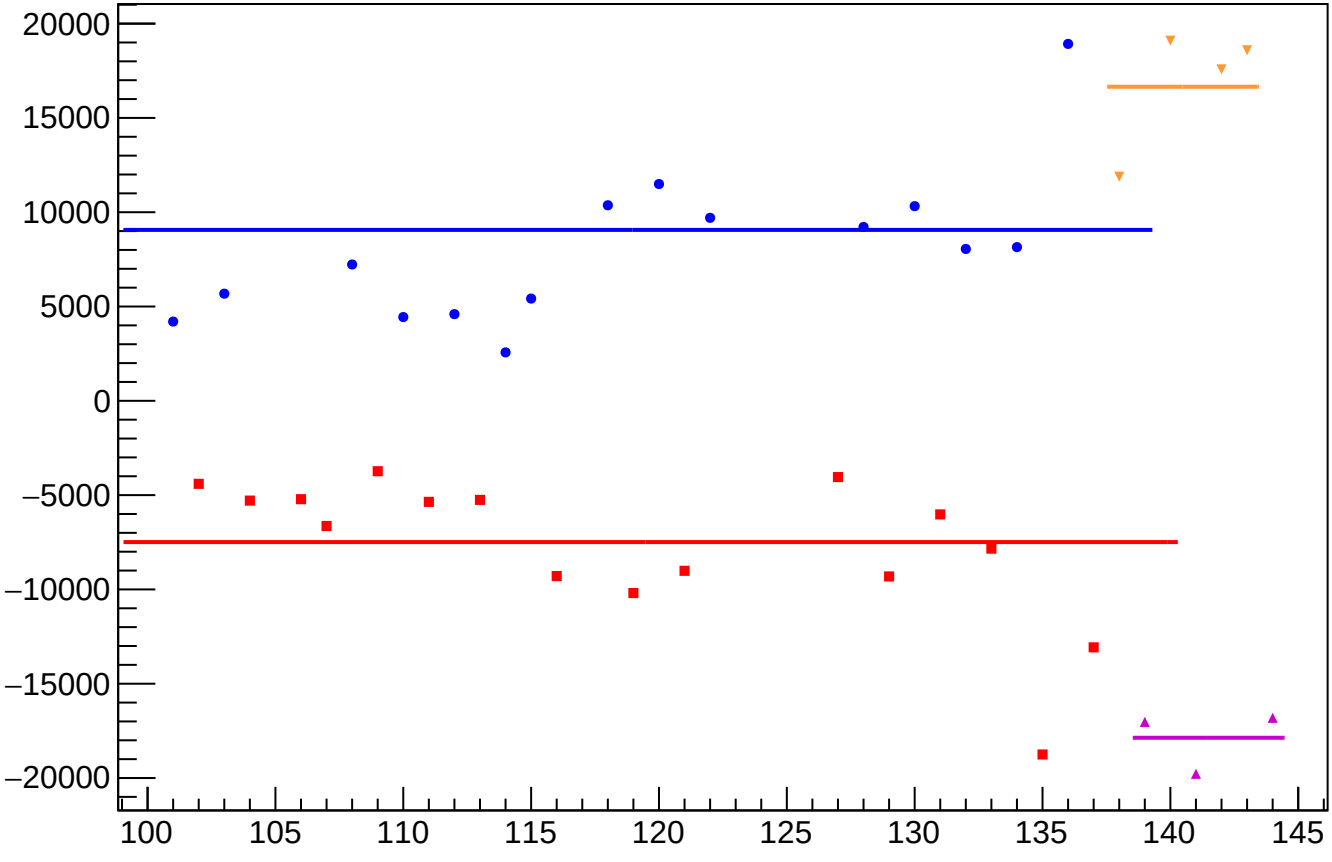
Left: 9.389+/-0.000 χ^2/NDF: 61695155434618168
Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14
Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658
Left Out: 334.583+/-0.000 χ^2/NDF:942121031098478837976368851128942592.0/3
In: 175.854+/-0.000 χ^2/NDF:1565563245819400
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15
Out: -160.952+/-0.000 χ^2/NDF:154447755906118
Left In: -338.760+/-0.000 χ^2/NDF:9750434694379486930578346202009436 16.0/2
All: 4.163+/-0.000 χ^2/NDF: 3632792383676

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -17.570+/-0.000 χ^2/NDF: 1601274852773256

Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

Right: 673.078+/-0.000 χ^2/NDF: 113857439938422

Left Out: 16653.755+/-0.000 χ^2/NDF:255272113137611483103759619250186092544 0.0/3

In: 1466.755+/-0.000 χ^2/NDF:146839404684372 9

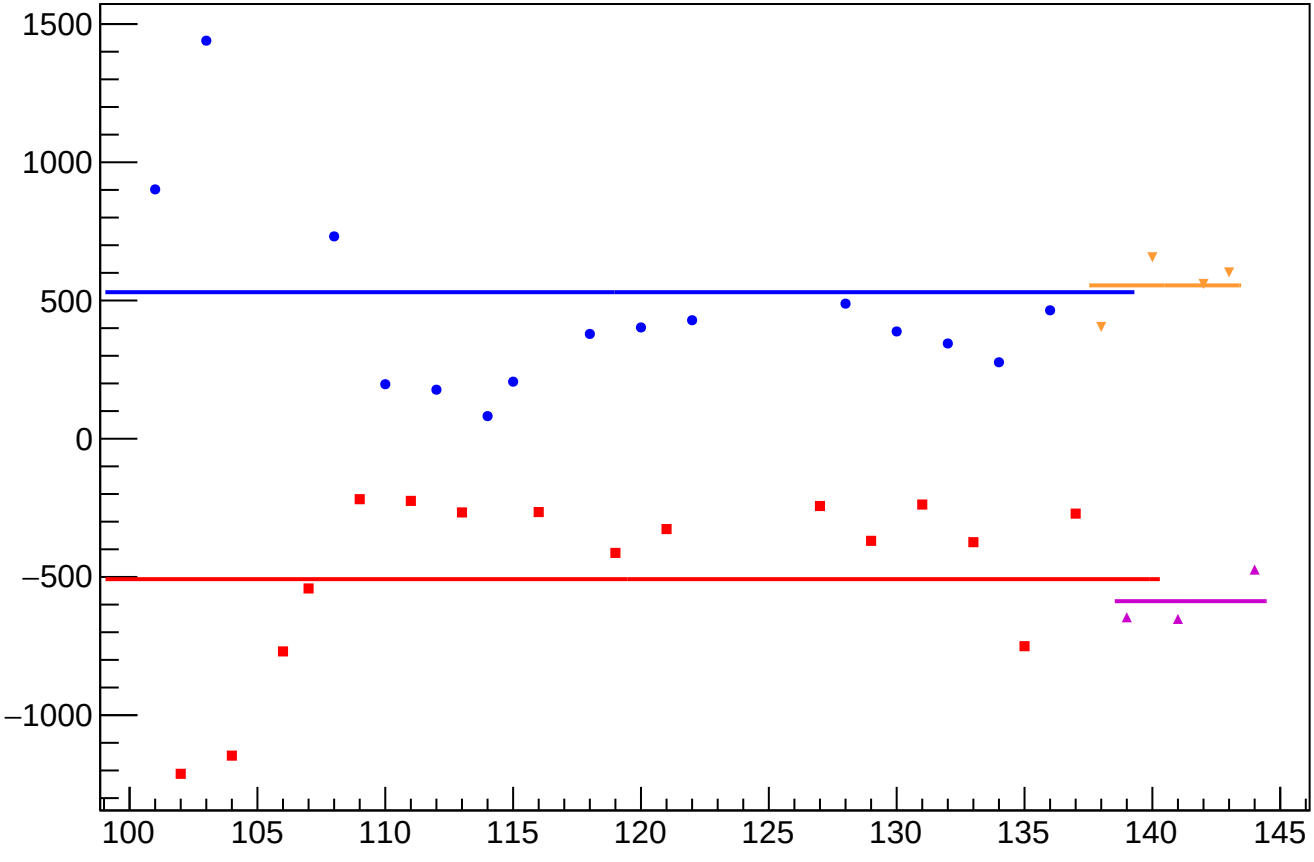
Right Out: -7490.147+/-0.000 χ^2/NDF: 101082021242041399322850064573882391592 96.0/15

Out: -478.142+/-0.000 χ^2/NDF:125582134623198

Left In: -17865.694+/-0.000 χ^2/NDF:467380968357764639906668875137918435328.0/2

All: 475.322+/-0.000 χ^2/NDF: 274164664201

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: 3.003+/-0.000 χ^2/NDF: 176583345206349442

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 5098872396372912 6

Left Out: 554.685+/-0.000 χ^2/NDF:275654753777149594924406057908305920 0.0/3

In: 214.783+/-0.000 χ^2/NDF:309231325760793 33

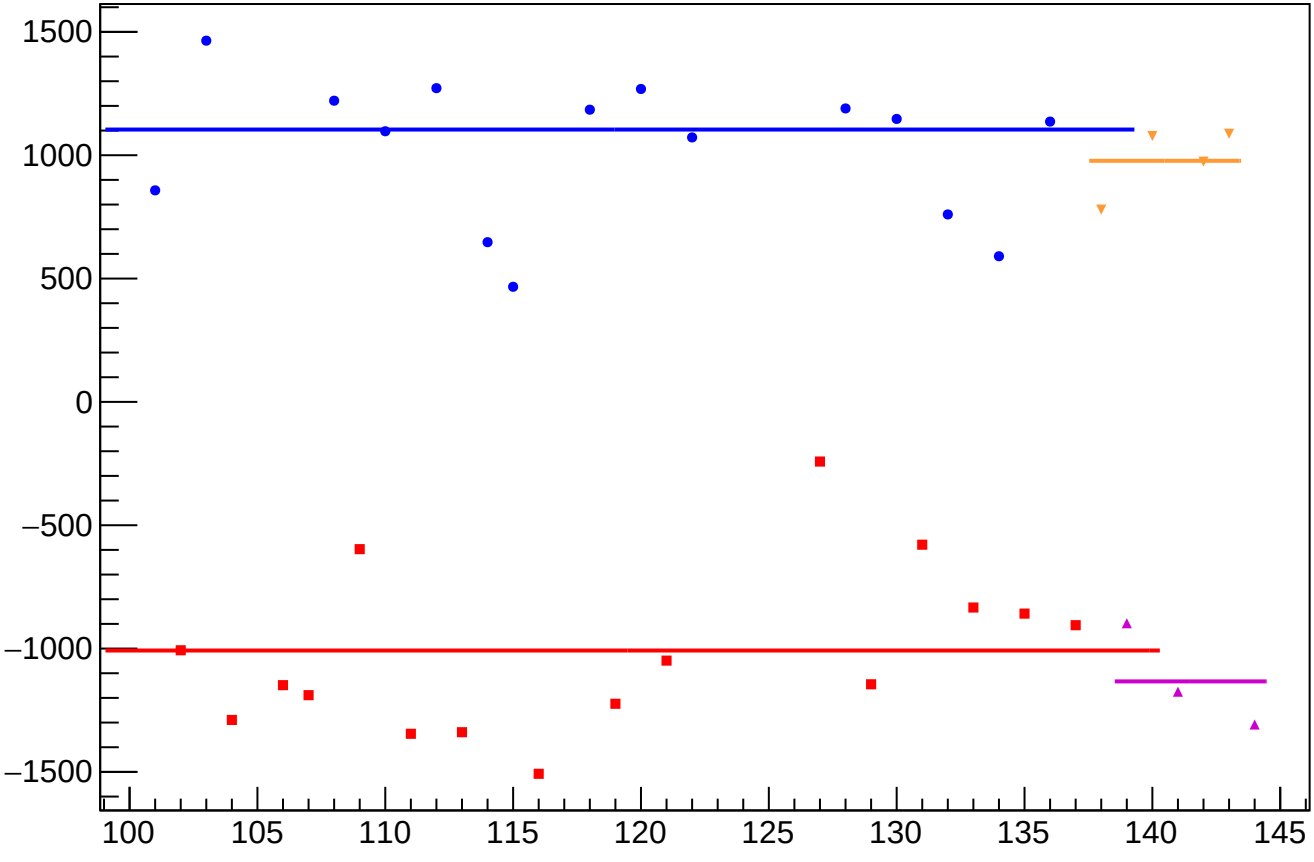
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: -199.360+/-0.000 χ^2/NDF:298201578023643

Left In: -587.621+/-0.000 χ^2/NDF:178533128914963227259206387533611008 0.0/2

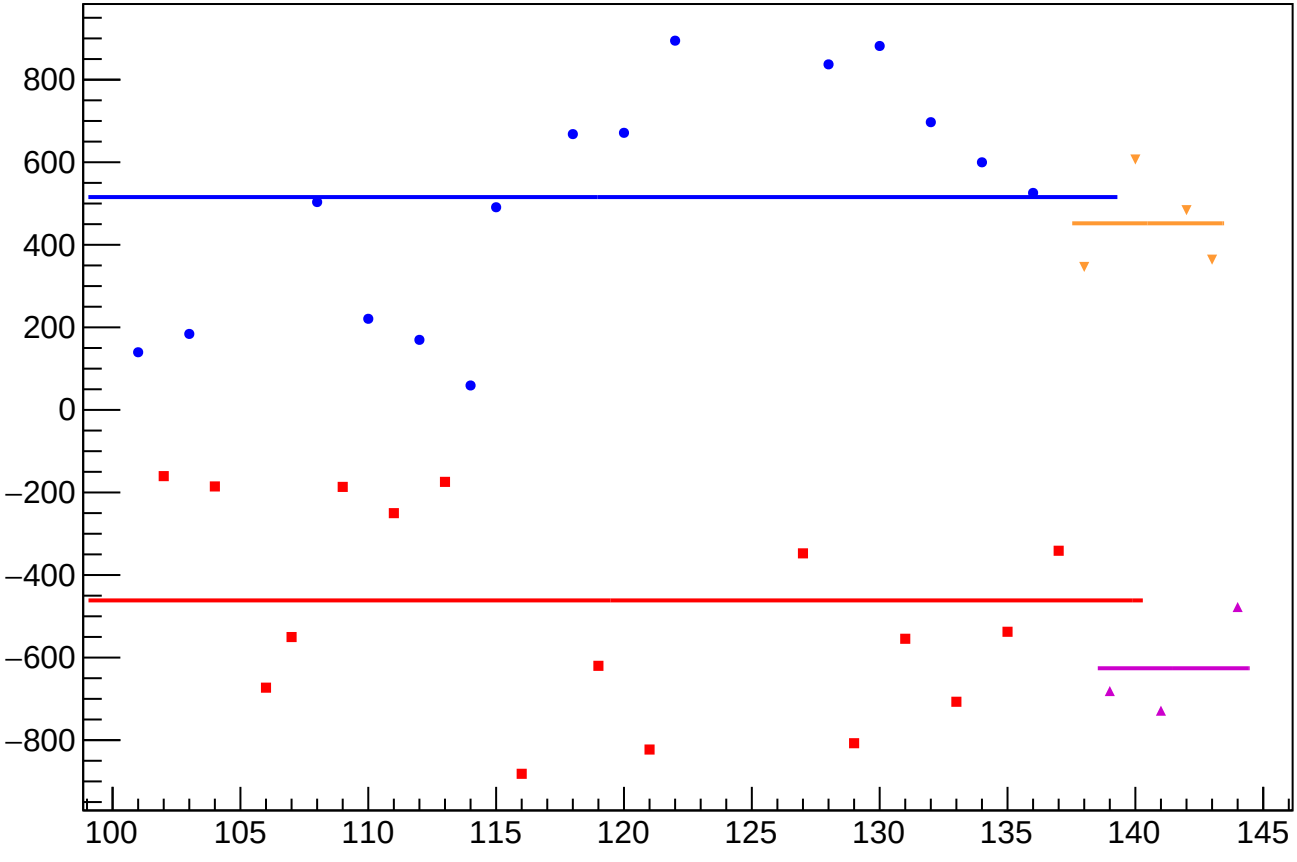
All: 3.669+/-0.000 χ^2/NDF: 6864709128686 0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



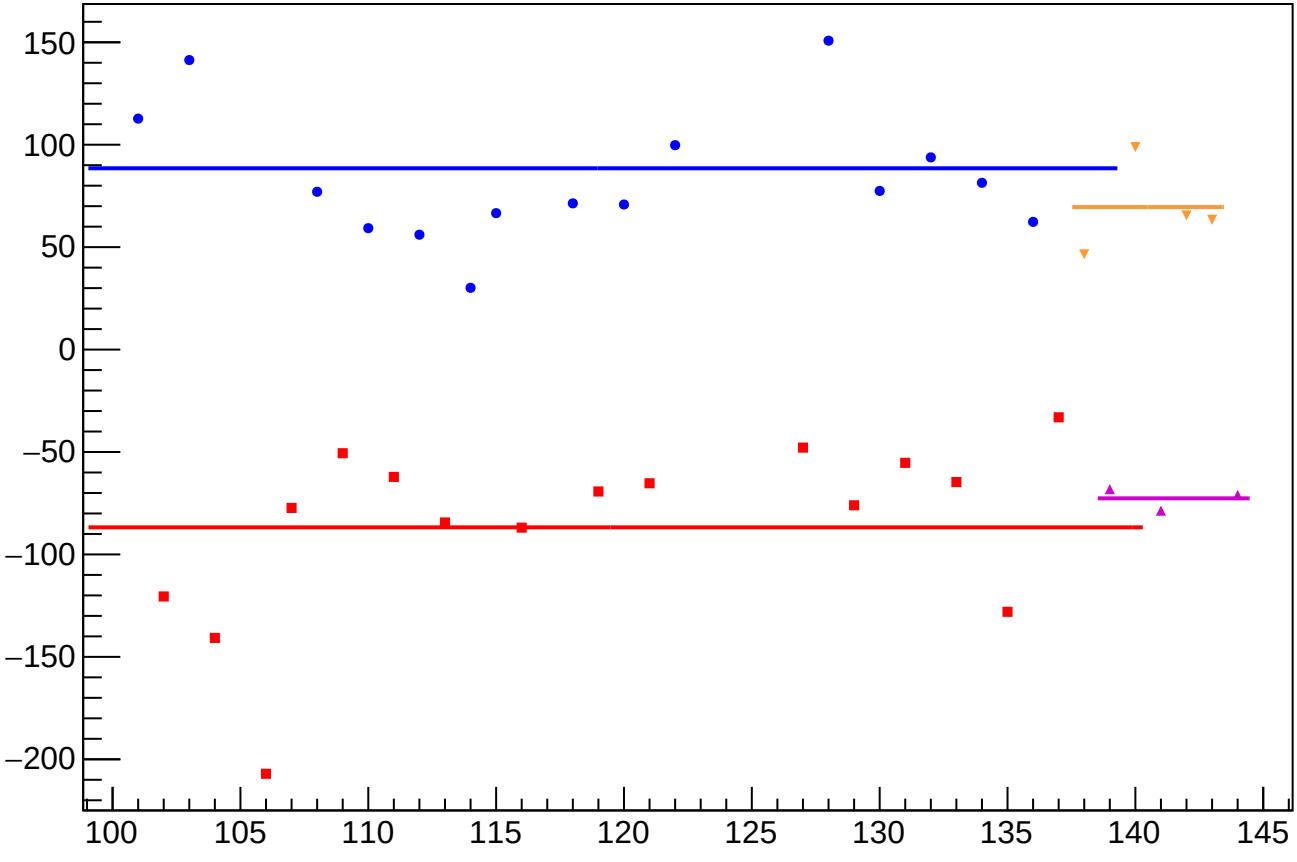
Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_sam5_coil3_mean vs Slug, Sign Corrected



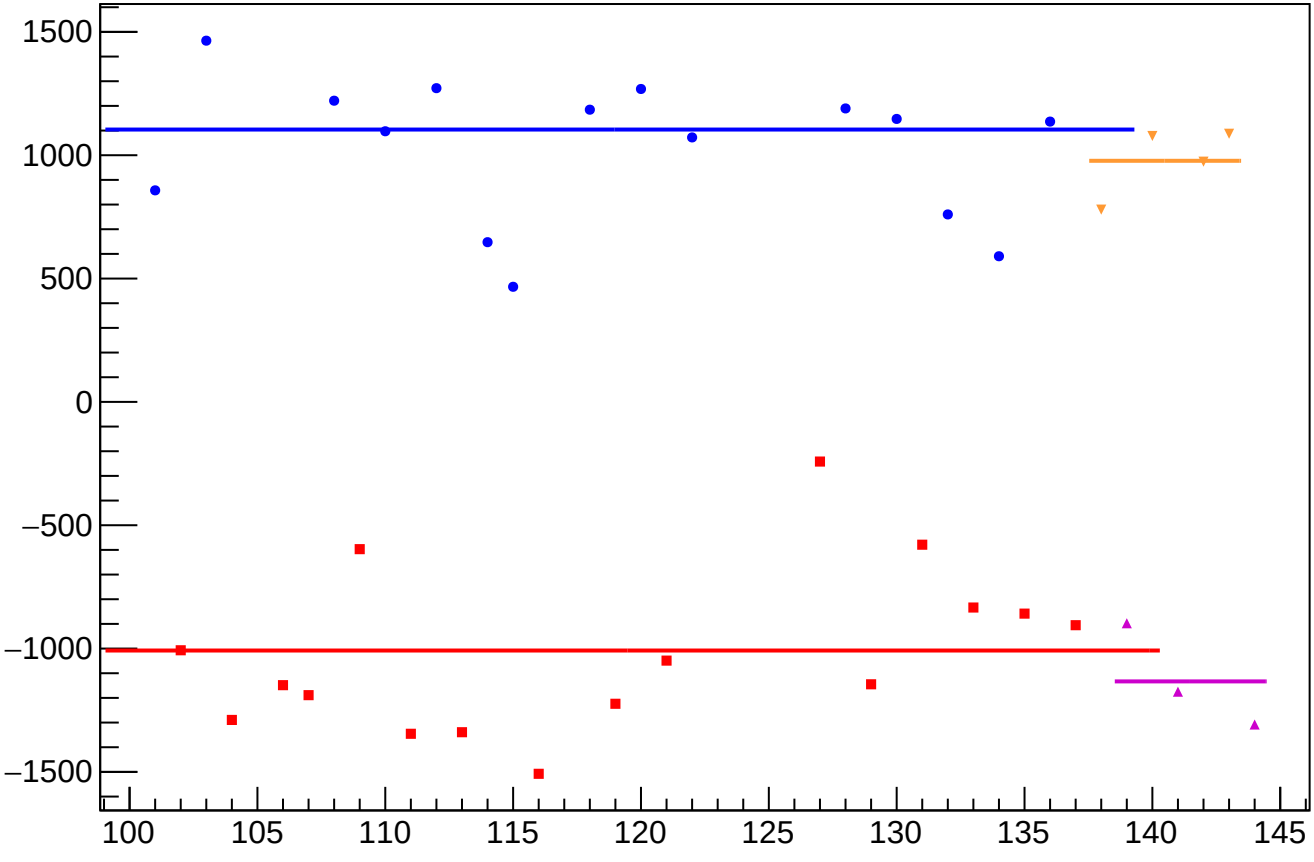
Left: -68.536+/-0.000 χ^2/NDF: 1596950884204779
Right In: 515.635+/-0.000 χ^2/NDF: 4846540342057395729267306237116232499 2.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: 452.049+/-0.000 χ^2/NDF:3397975293787039349538044746548641792.0/3
In: 193.640+/-0.000 χ^2/NDF:2901146196158321 4
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856422 4.0/15
Out: -196.180+/-0.000 χ^2/NDF:205538866684778
Left In: -625.869+/-0.000 χ^2/NDF:3103656294311520626133385781853552640.0/2
All: -5.075+/-0.000 χ^2/NDF: 5656802778396

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



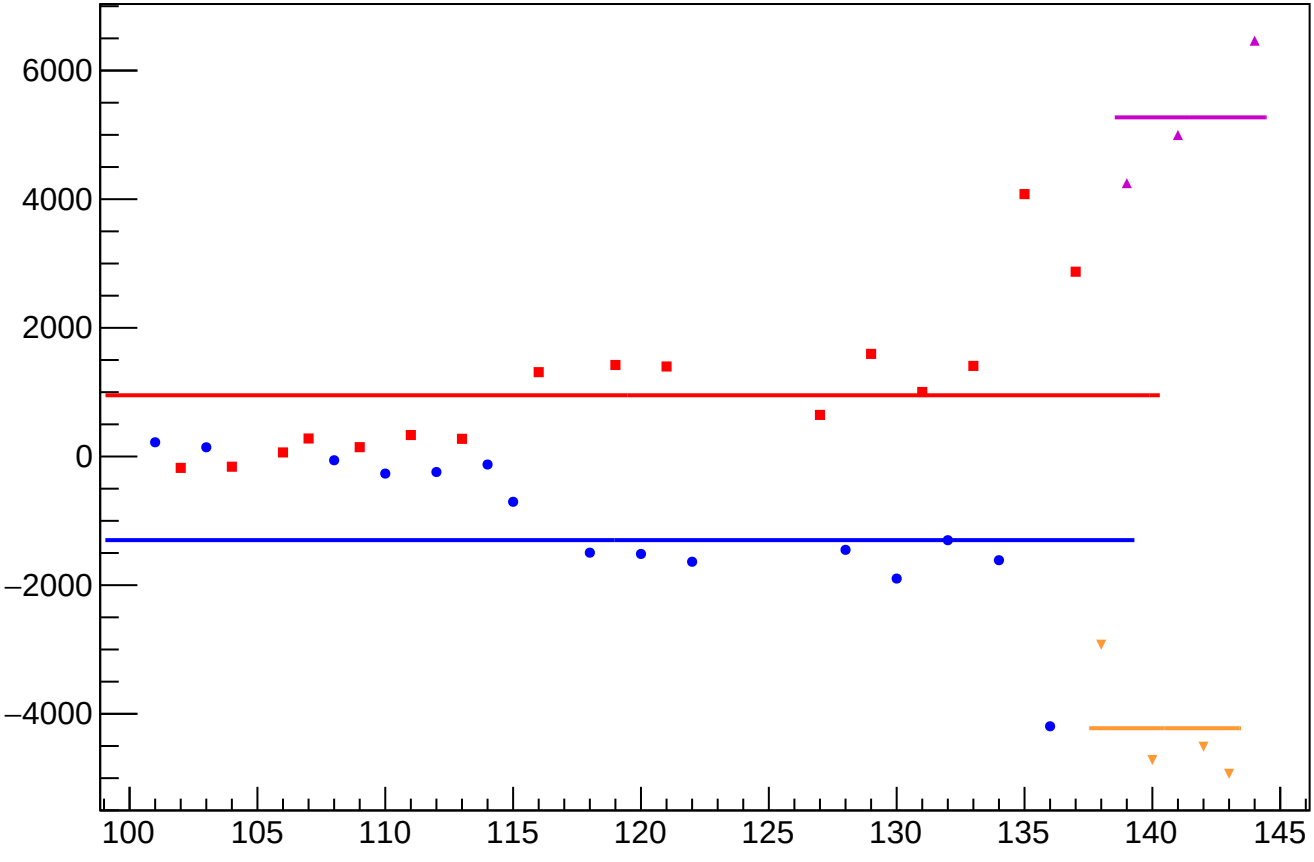
Left: 0.892+/-0.000 χ^2/NDF: 27851416936488747
Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14
Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666
Left Out: 69.555+/-0.000 χ^2/NDF:1151867734085278984030184619733155 84.0/3
In: 43.047+/-0.000 χ^2/NDF:54000465085719284
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15
Out: -41.372+/-0.000 χ^2/NDF:5908463437252831
Left In: -72.618+/-0.000 χ^2/NDF:4948947322620614876612126413160448.0/2
All: 0.014+/-0.000 χ^2/NDF: 1459258621577

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 362.242+/-0.000 χ^2/NDF: 1229492729592813

Right In: -1299.904+/-0.000 χ^2/NDF: 119964925216321636708640869157752432 2304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -4223.778+/-0.000 χ^2/NDF:188817617015380895178940398849692270592.0/3

In: 553.892+/-0.000 χ^2/NDF:93239440985229243

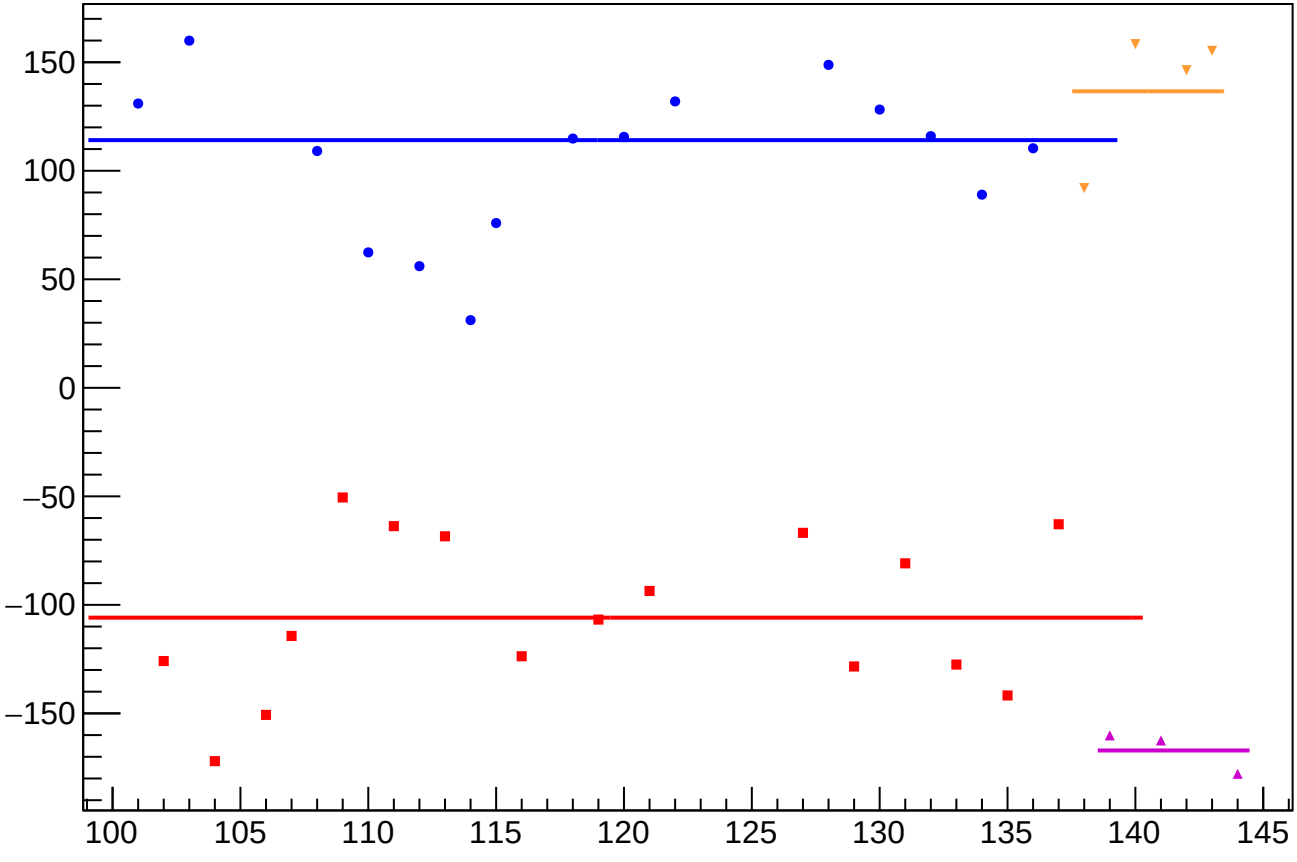
Right Out: 951.903+/-0.000 χ^2/NDF: 841314696863657044174468284217089327104.0/15

Out: -551.247+/-0.000 χ^2/NDF:621927613436567

Left In: 5271.982+/-0.000 χ^2/NDF:217572147147716974471493158039428530176.0/2

All: -9.465+/-0.000 χ^2/NDF: 1610603928765

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -10.057+/-0.000 χ^2/NDF: 1239893341536622

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 1738078571808844

Left Out: 136.622+/-0.000 χ^2/NDF:221354183544623190814808564457013248.0/3

In: 34.795+/-0.000 χ^2/NDF:15099907195352530

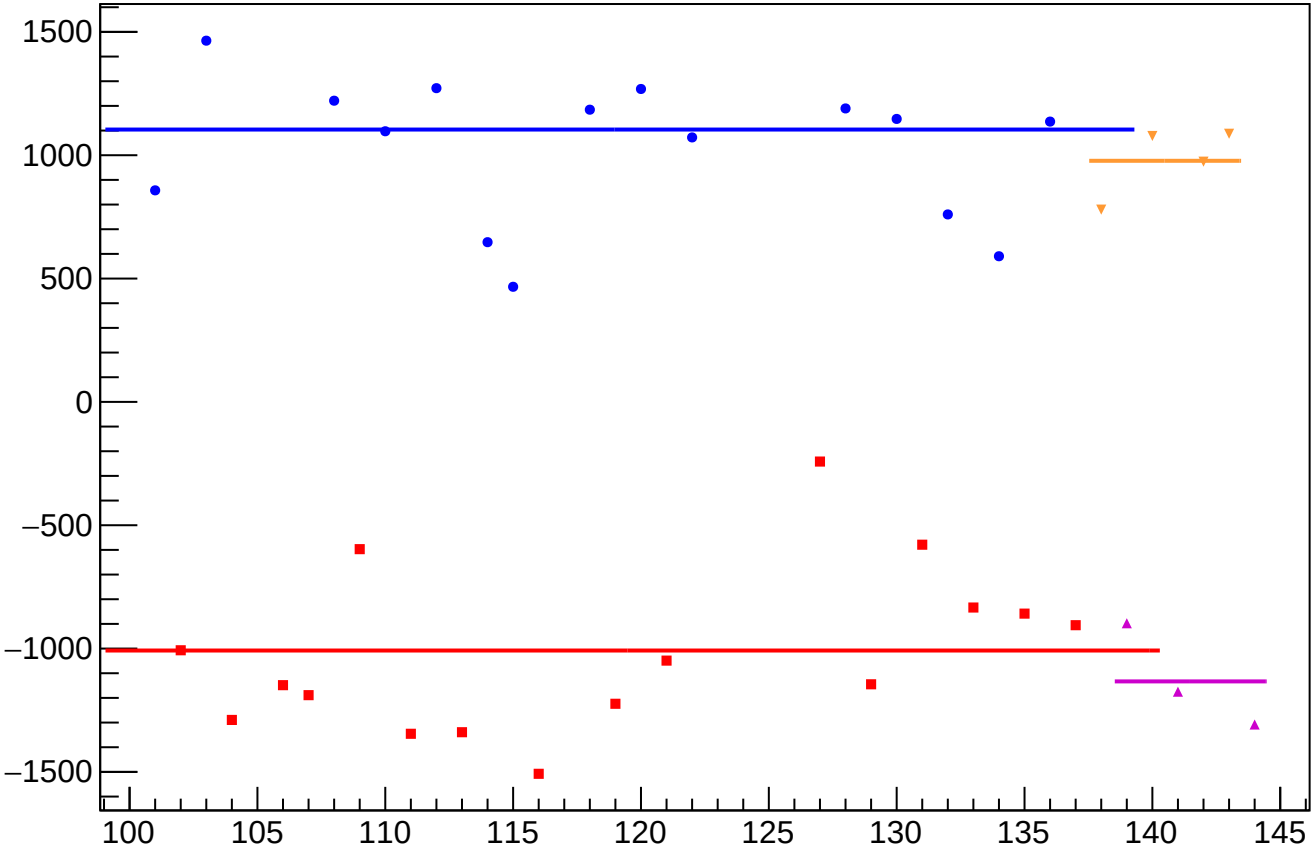
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: -35.458+/-0.000 χ^2/NDF:1246585996102046

Left In: -167.089+/-0.000 χ^2/NDF:160241372028024634292059157351628 80.0/2

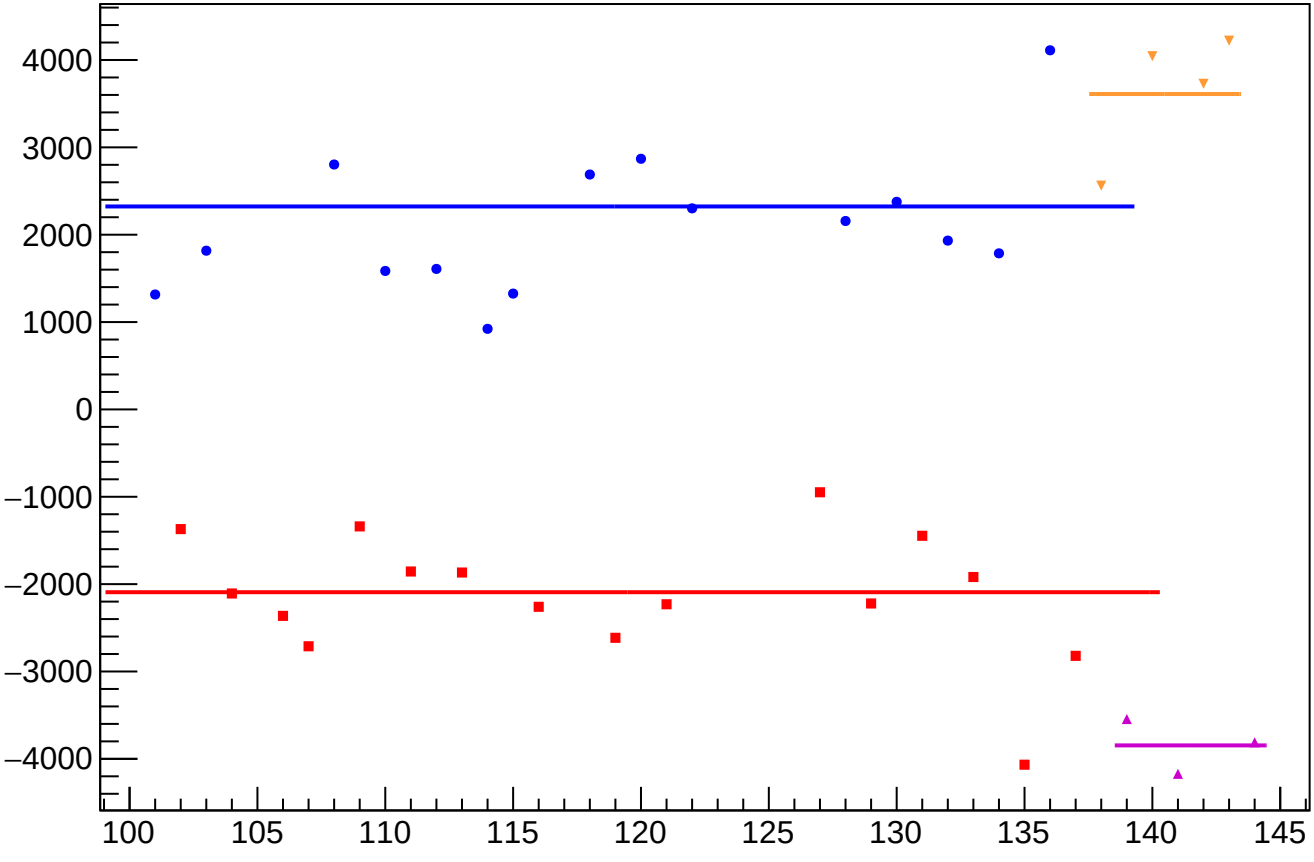
All: -1.017+/-0.000 χ^2/NDF: 2984017349170

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



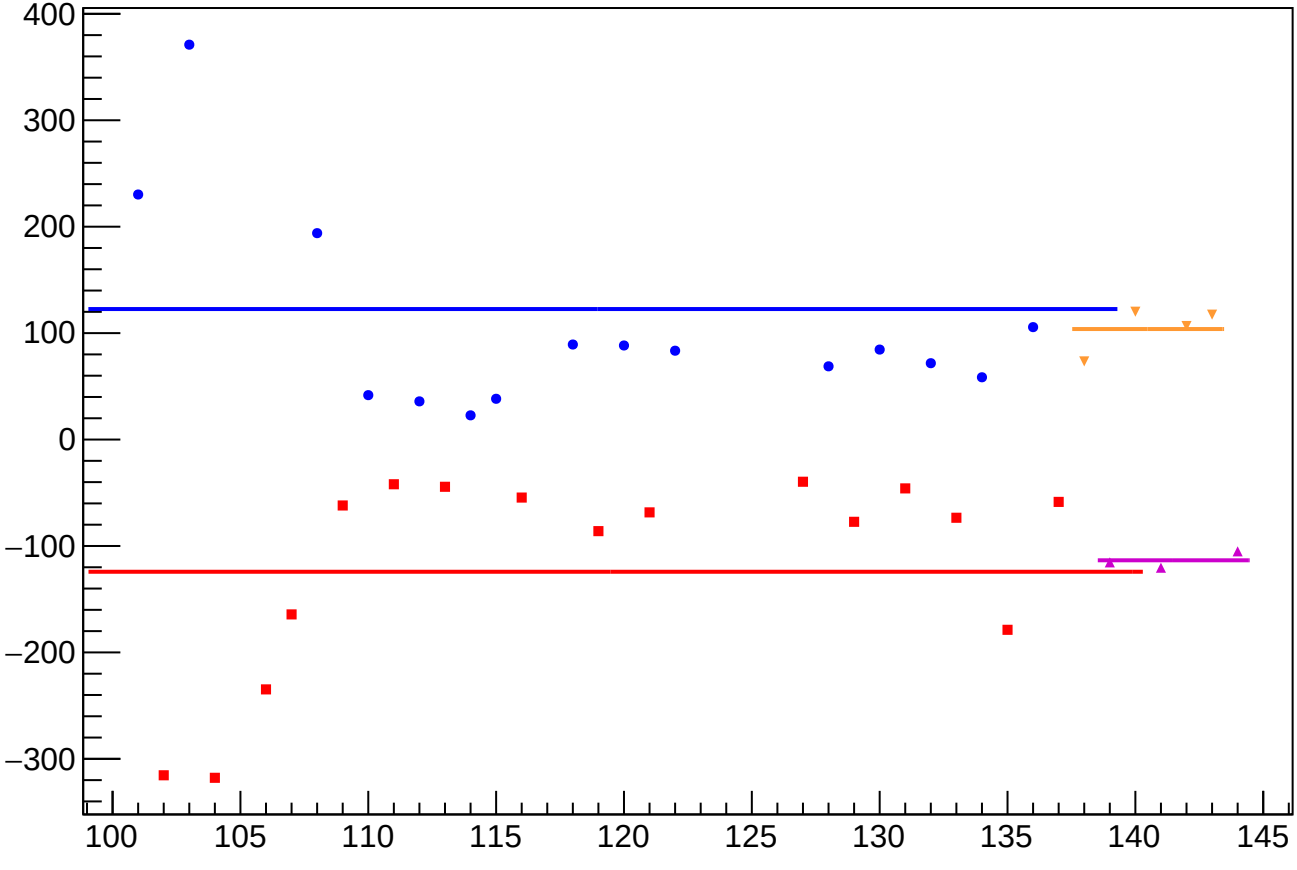
Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: 9.292+/-0.000 χ^2/NDF: 74741682187948079
Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14
Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348
Left Out: 3610.506+/-0.000 χ^2/NDF:1268451385179887486309397674024144732 16.0/3
In: 583.082+/-0.000 χ^2/NDF:7460972770983806
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15
Out: -436.172+/-0.000 χ^2/NDF:679427997499043
Left In: -3846.125+/-0.000 χ^2/NDF:164751277675168607373268175814991544 32.0/2
All: 63.506+/-0.000 χ^2/NDF: 147339934426

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -1.104+/-0.000 χ^2/NDF: 63422650345098073

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 103.836+/-0.000 χ^2/NDF:1064625969968340527379874488002805 76.0/3

In: 56.030+/-0.000 χ^2/NDF:16150942937717887 5

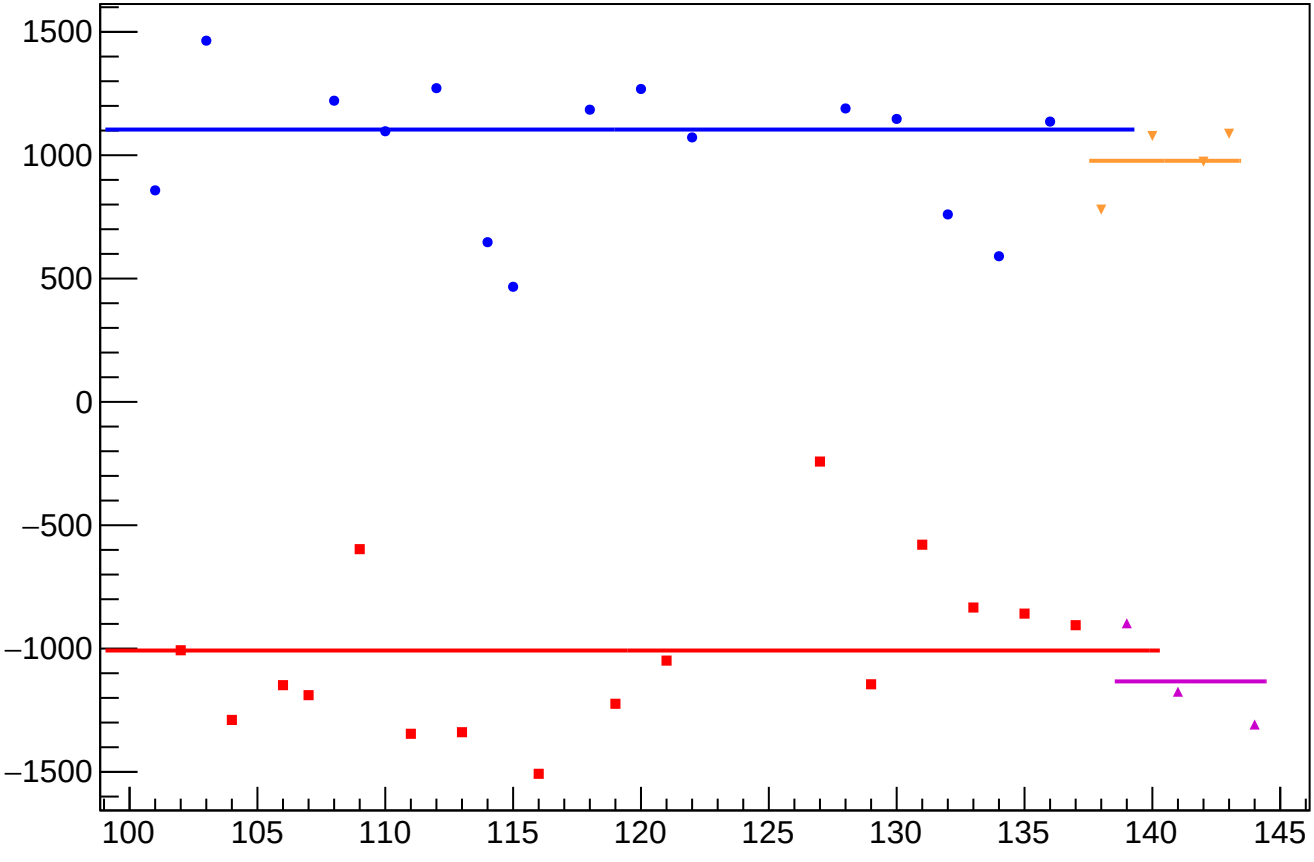
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: -57.984+/-0.000 χ^2/NDF:1673077862921476

Left In: -113.453+/-0.000 χ^2/NDF:1072722375042606472898496307606323 2.0/2

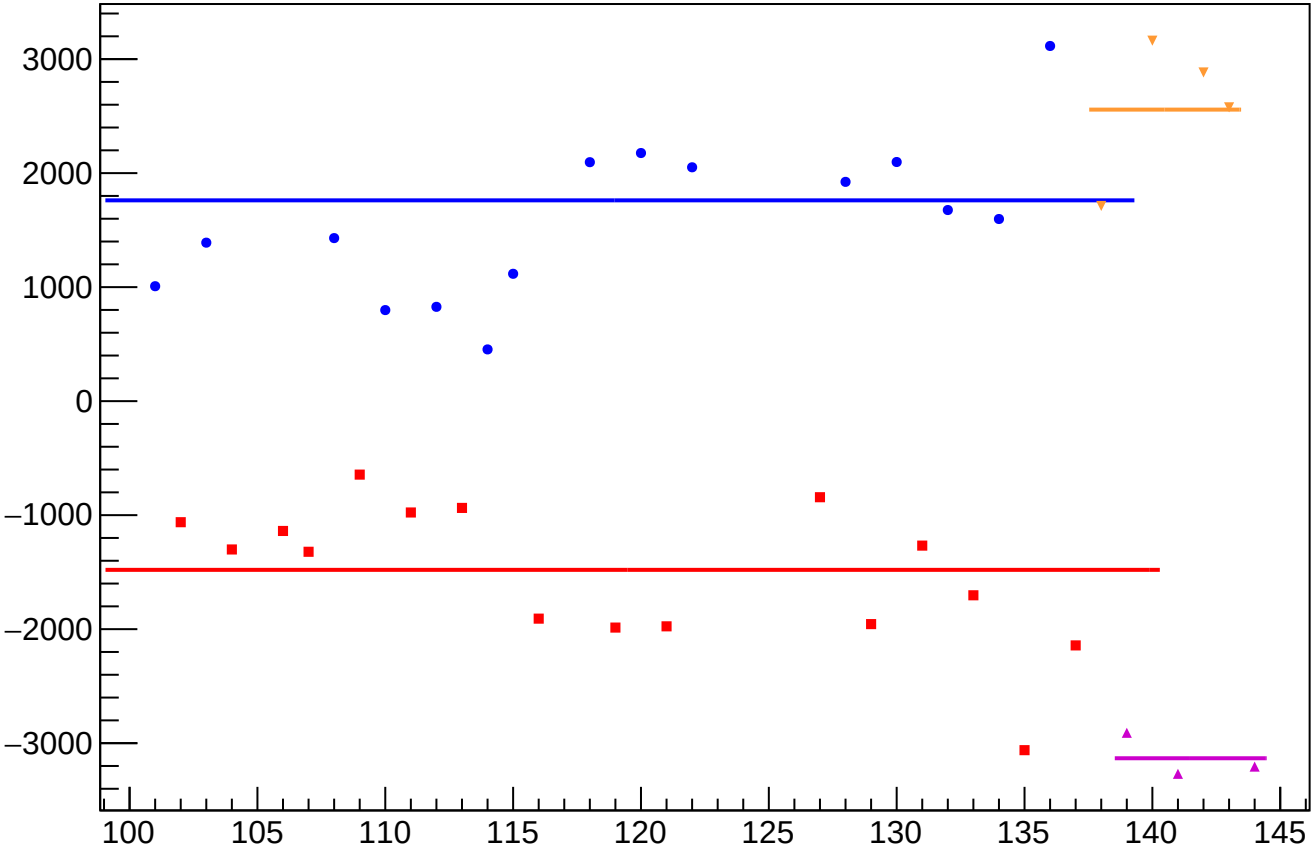
All: -2.090+/-0.000 χ^2/NDF: 3887209711822

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -190.619+/-0.000 χ^2/NDF: 436449483539003

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 2557.111+/-0.000 χ^2/NDF:905900607025021104015376578884812144 64.0/3

In: 380.874+/-0.000 χ^2/NDF:4722249417888249 3

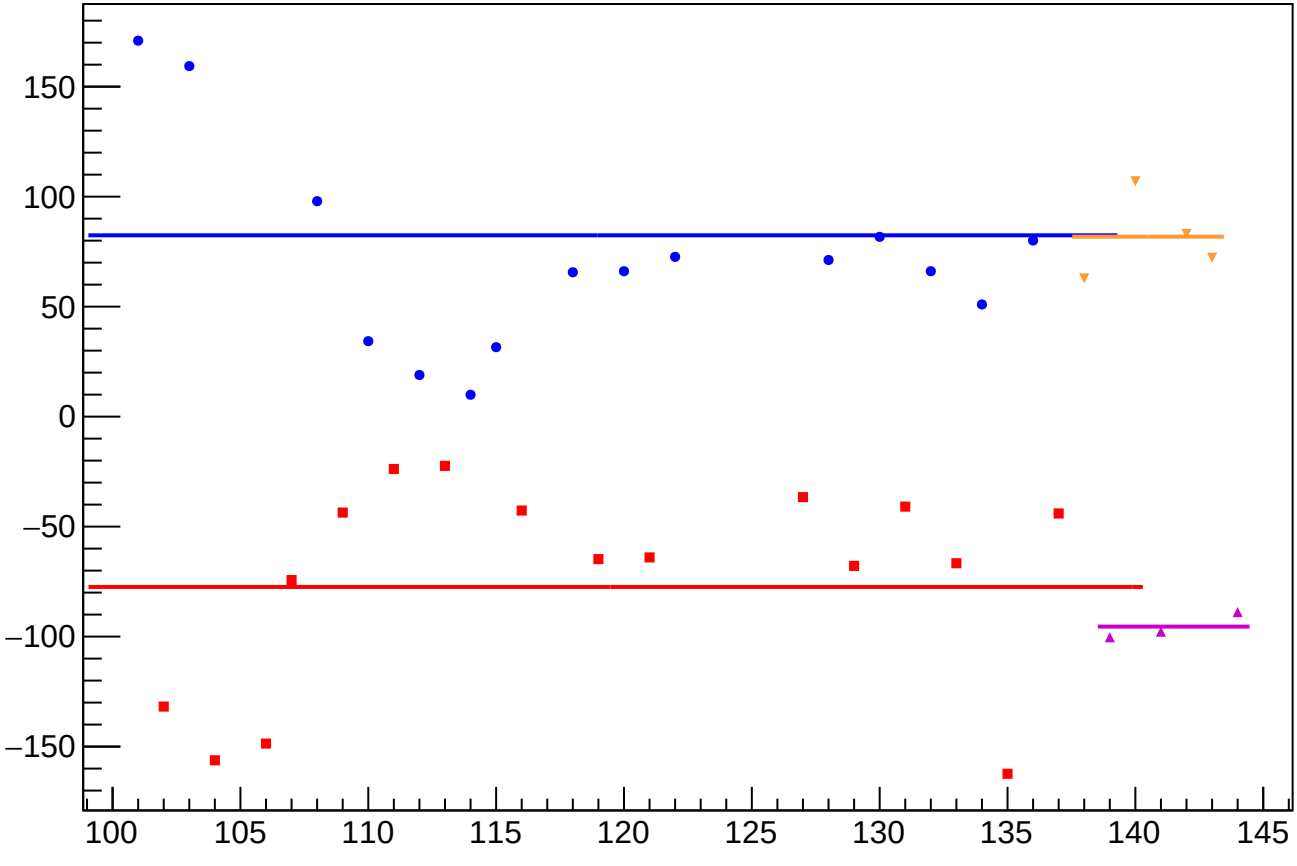
Right Out: -1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

Out: -307.379+/-0.000 χ^2/NDF:351094488167493

Left In: -3132.307+/-0.000 χ^2/NDF:6100210108906256631027046000132882432.0/2

All: 30.029+/-0.000 χ^2/NDF: 8451482583737

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -3.809+/-0.000 χ^2/NDF: 42352124774371935

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 81.798+/-0.000 χ^2/NDF:863170856768147962844195642838876 16.0/3

In: 32.245+/-0.000 χ^2/NDF:70625249822396371 3

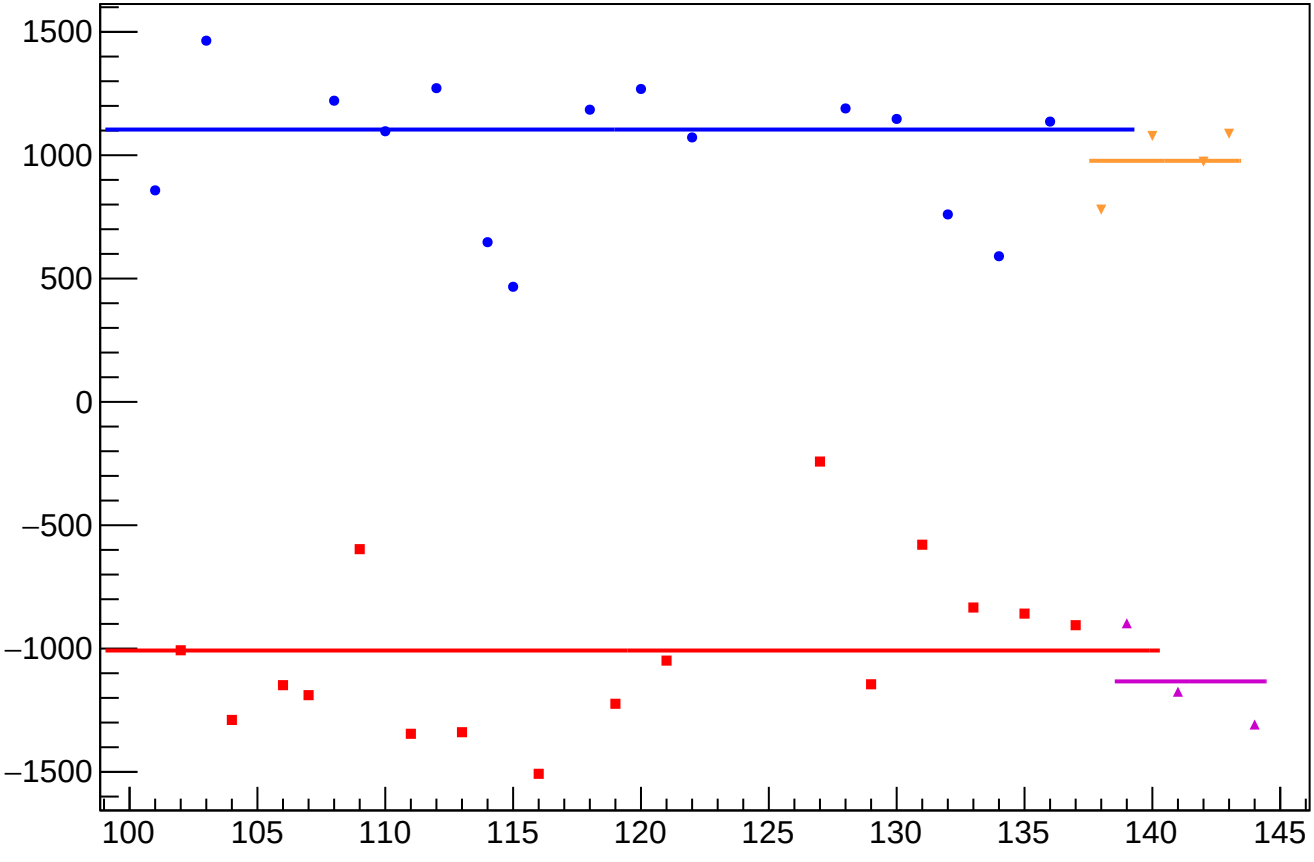
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: -31.186+/-0.000 χ^2/NDF:6513129277651466

Left In: -95.459+/-0.000 χ^2/NDF:6237963989028409568753279991545856.0/2

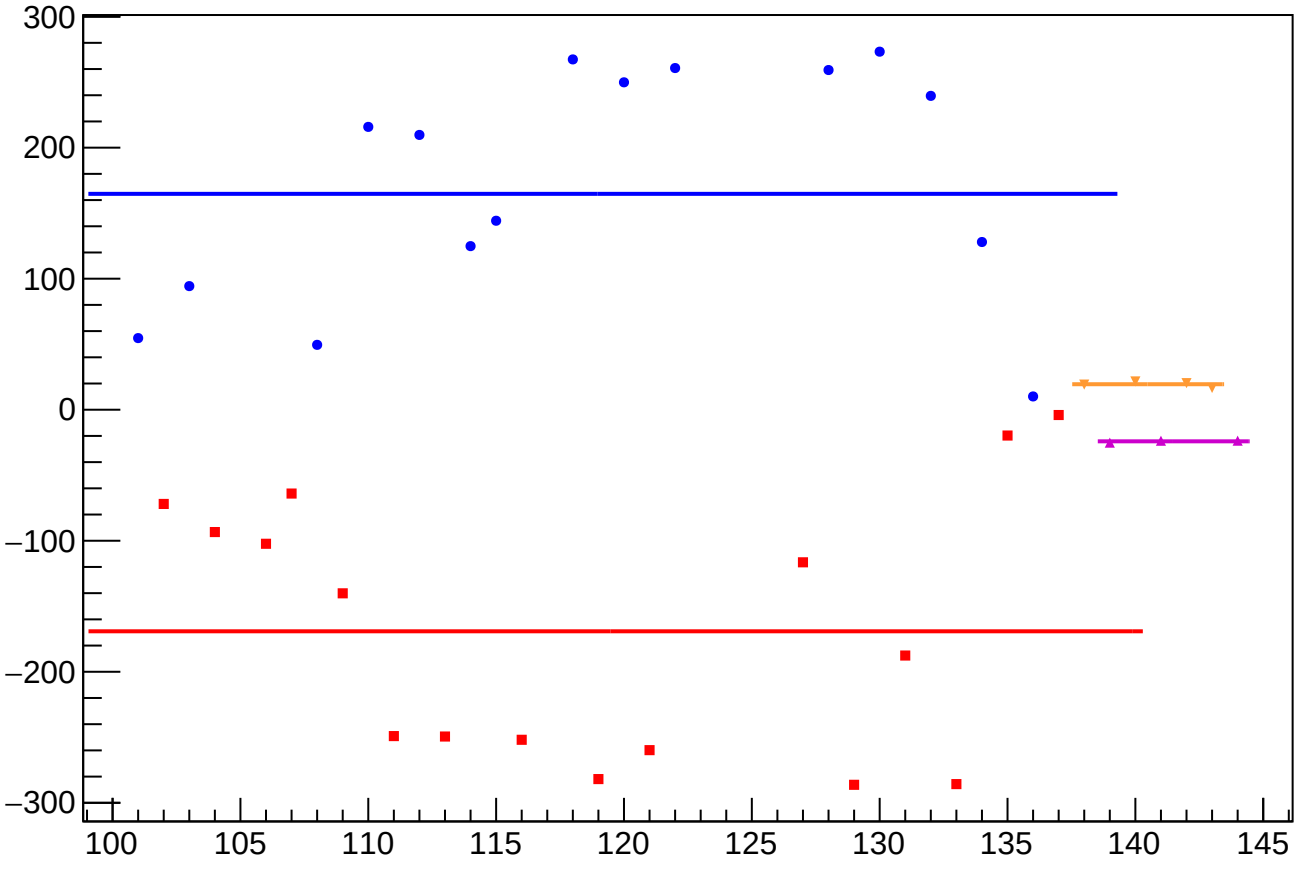
All: -0.090+/-0.000 χ^2/NDF: 1542979885241

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -41.881+/-0.000 χ^2/NDF: 5993478780870092
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
In: 473.033+/-0.000 χ^2/NDF:9564055418931662 4
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
Out: -431.319+/-0.000 χ^2/NDF:837288984510292
Left In: -1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2
All: 12.029+/-0.000 χ^2/NDF: 2170581125562

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.590+/-0.000 χ^2/NDF: 25145902146892796

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 19.455+/-0.000 χ^2/NDF:96163029943377096531862478861107 2.0/3

In: 111.474+/-0.000 χ^2/NDF:1290064525094622

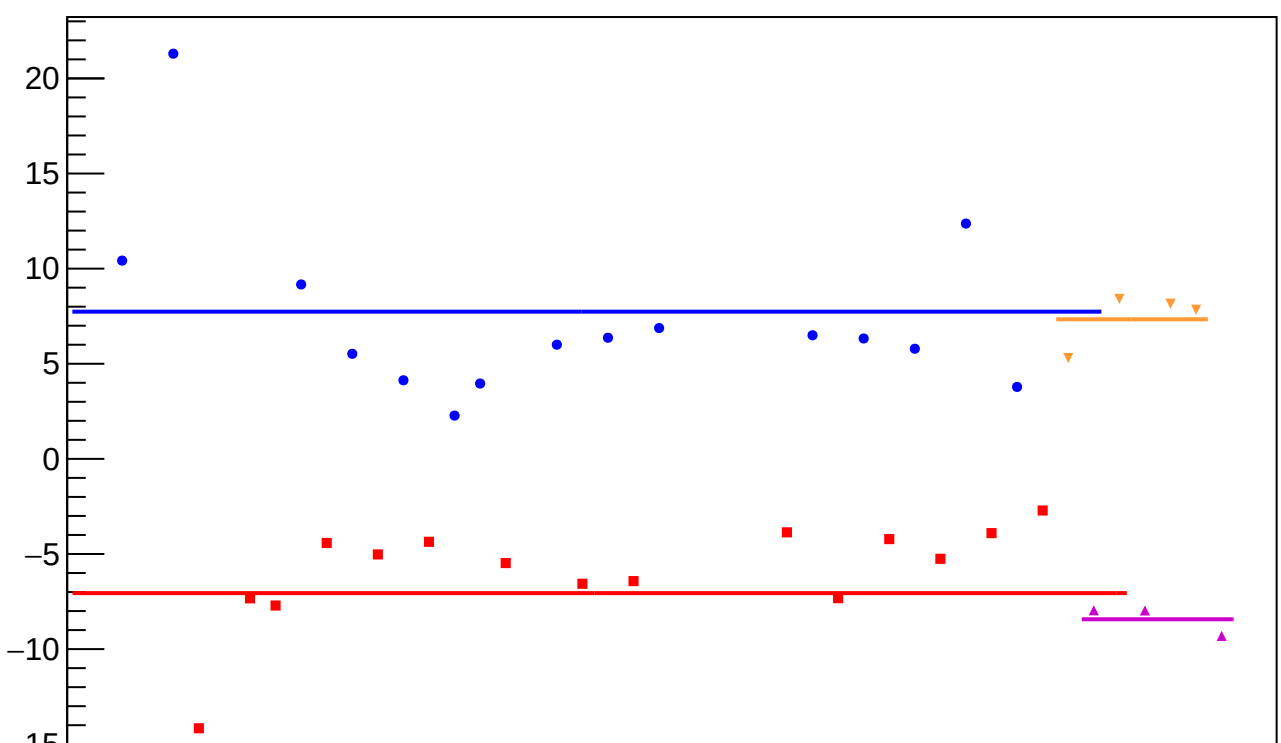
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

Out: -114.344+/-0.000 χ^2/NDF:129293649505808

Left In: -24.122+/-0.000 χ^2/NDF:122786044110205898100488542355456.0/2

All: -3.639+/-0.000 χ^2/NDF: 4932924596889

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.278+/-0.000 χ^2/NDF: 33358469804548828

Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Right: 0.240+/-0.000 χ^2/NDF: 98424389249981268

Left Out: 7.338+/-0.000 χ^2/NDF:46516460160159476834558071642521 6.0/3

In: 3.177+/-0.000 χ^2/NDF:630999387079000797 0

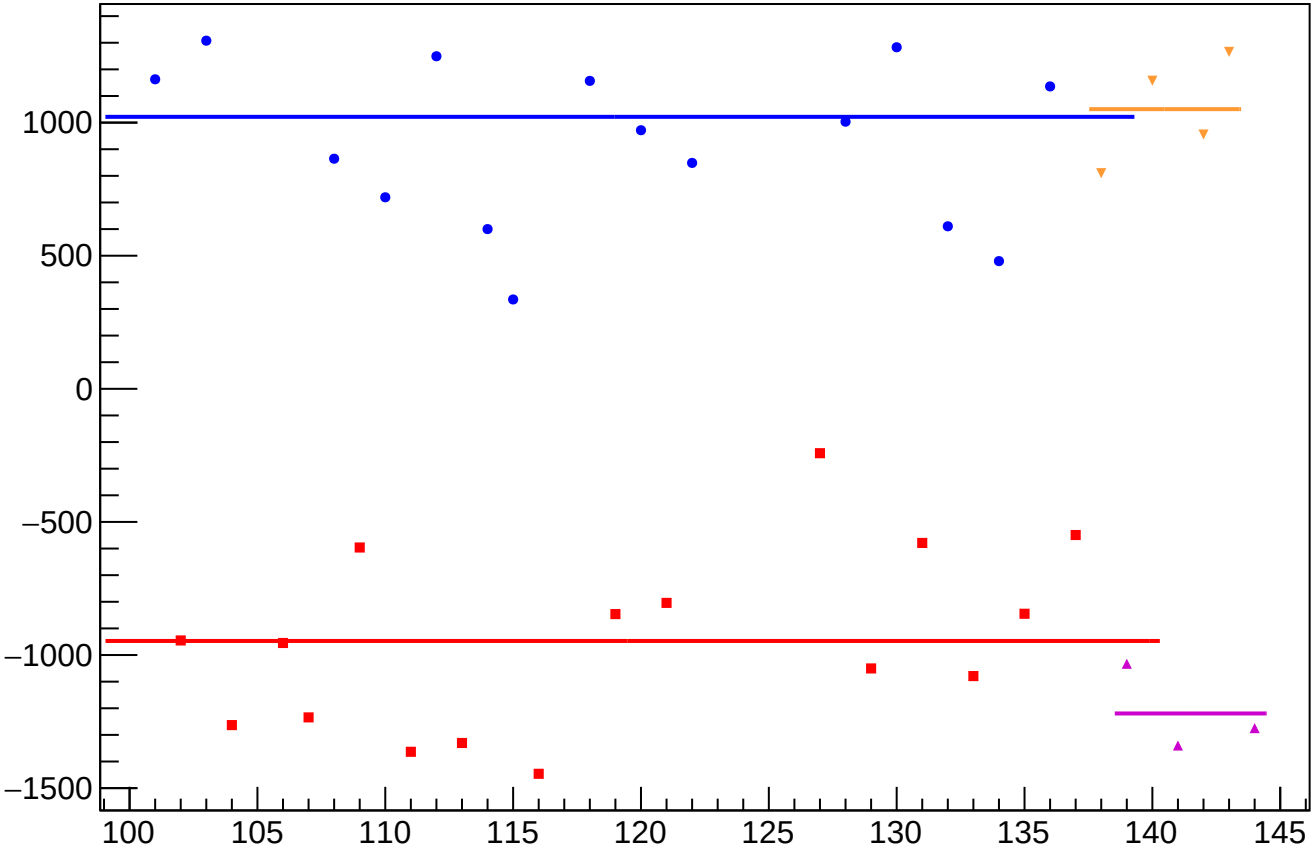
Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Out: -2.876+/-0.000 χ^2/NDF:5189804639088976 8

Left In: -8.432+/-0.000 χ^2/NDF:1043273123837569219051567940894 72.0/2

All: 0.091+/-0.000 χ^2/NDF: 1318838278247 0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

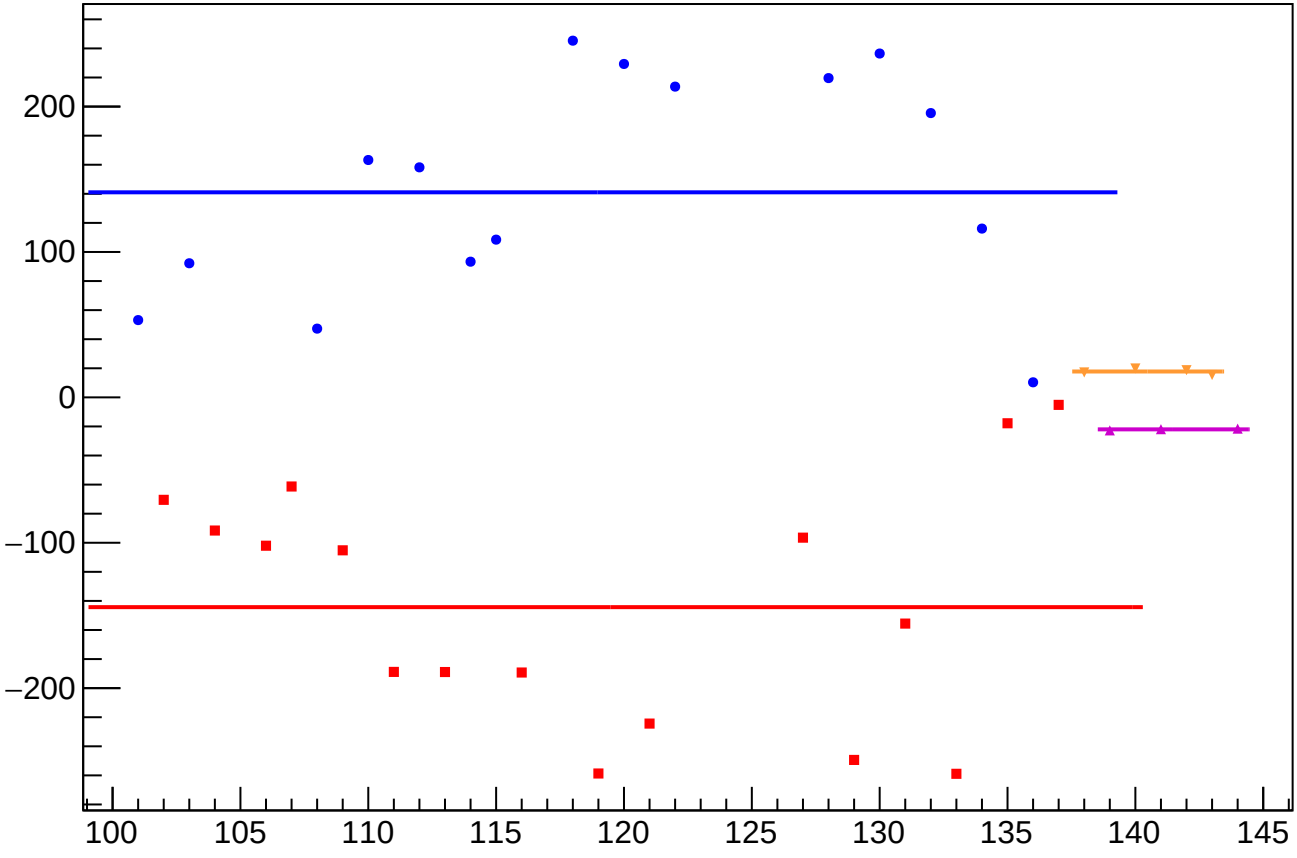
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.429+/-0.000 χ^2/NDF: 20977992917520153

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 17.795+/-0.000 χ^2/NDF:817887565570467001099105876312064.0/3

In: 95.041+/-0.000 χ^2/NDF:93745216080953070

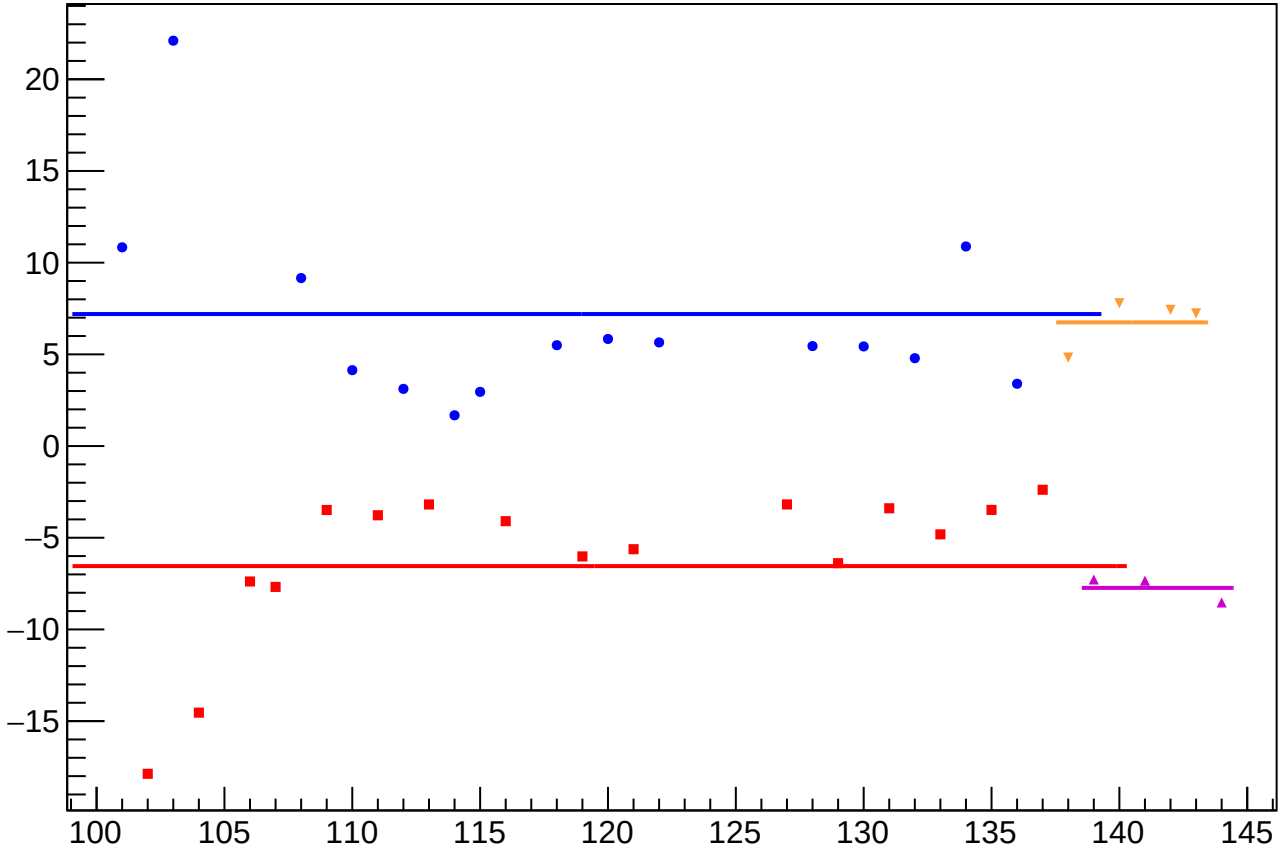
Right Out: -144.283+/-0.000 χ^2/NDF: 426833357151774088606536166392882790 4.0/15

Out: -97.212+/-0.000 χ^2/NDF:9357851692200231

Left In: -22.010+/-0.000 χ^2/NDF:63171630721435337378905121095680.0/2

All: -2.962+/-0.000 χ^2/NDF: 3576490449053

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.248+/-0.000 χ^2/NDF: 28140439875941806

Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Right: 0.232+/-0.000 χ^2/NDF: 94430884745367791

Left Out: 6.744+/-0.000 χ^2/NDF:41482426797824914838638067240140 8.0/3

In: 2.986+/-0.000 χ^2/NDF:591188396993656005 9

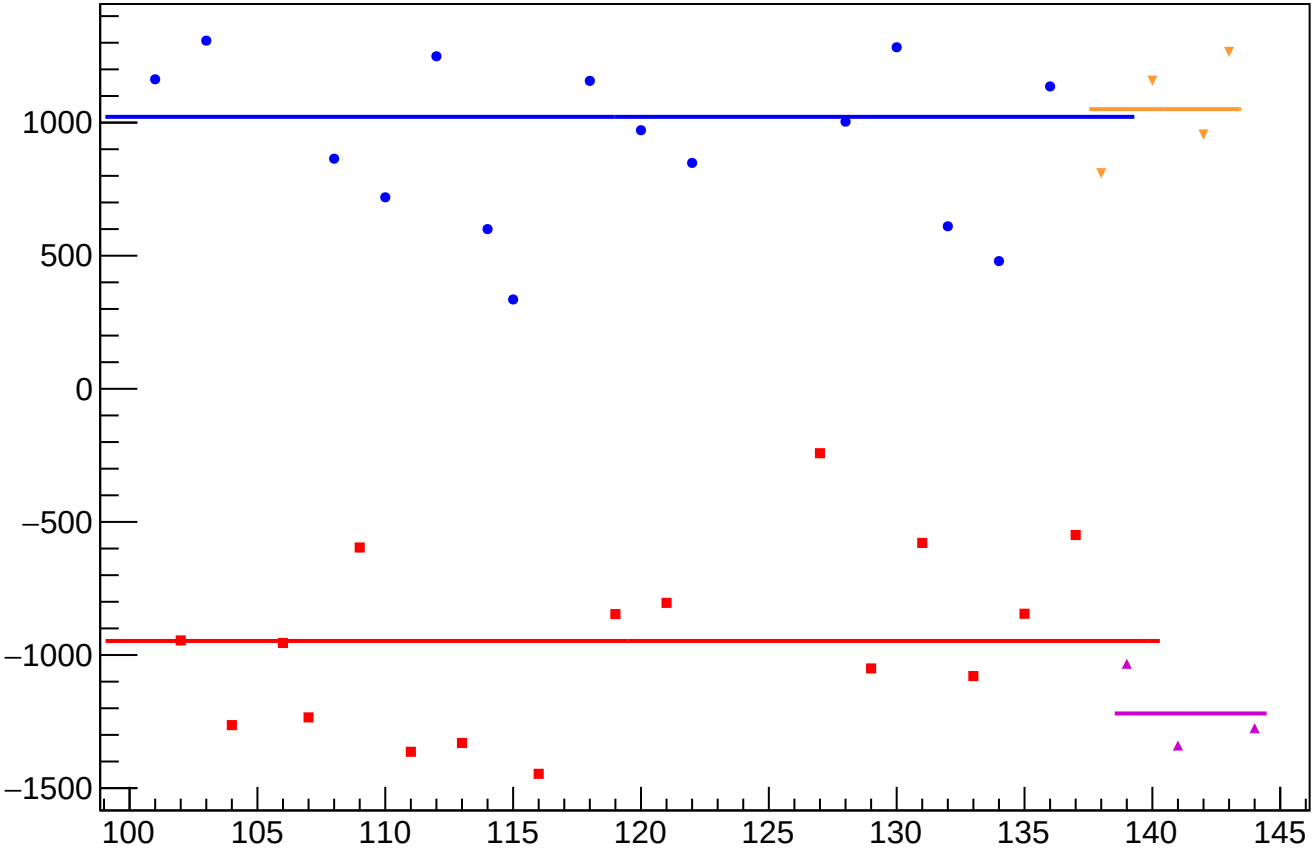
Right Out: -6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

Out: -2.687+/-0.000 χ^2/NDF:48712133047805325

Left In: -7.735+/-0.000 χ^2/NDF:863871563169276376129937290035 20.0/2

All: 0.094+/-0.000 χ^2/NDF: 1226581401605 0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

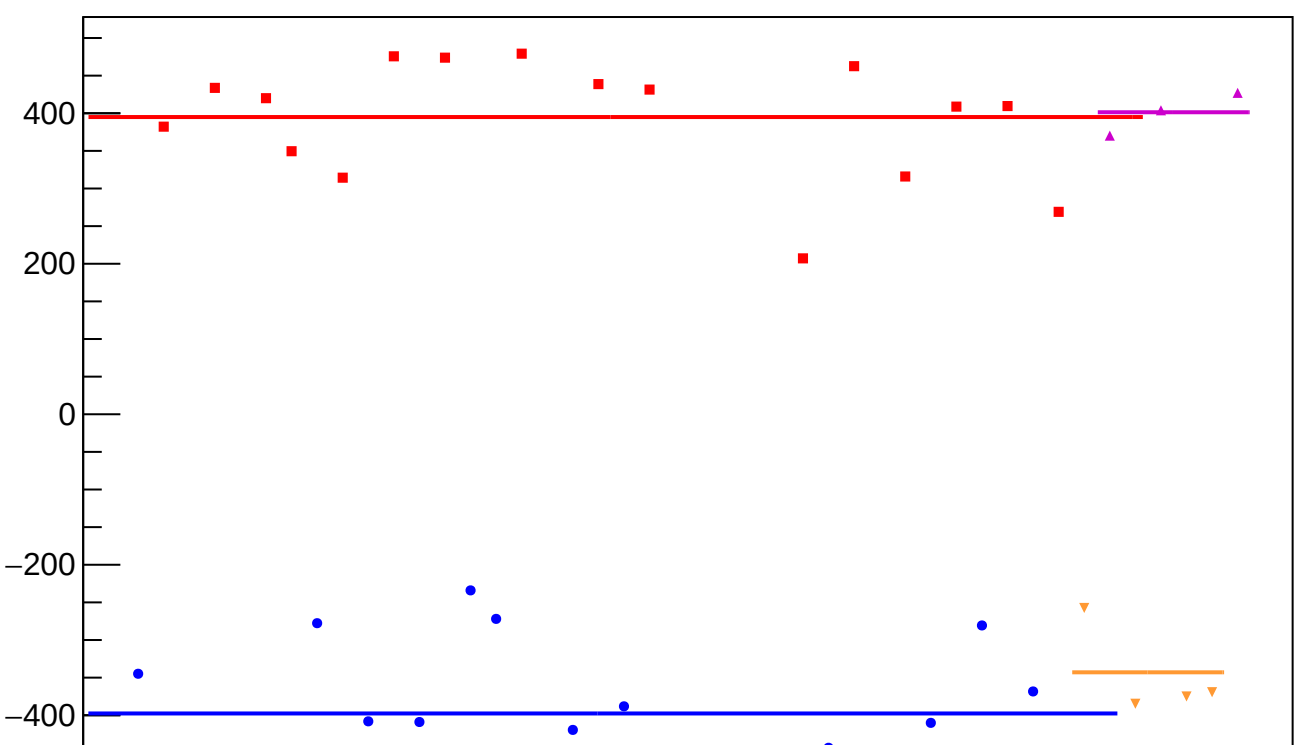
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 16.517+/-0.000 χ^2/NDF: 73980615708837281

Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Right: 4.100+/-0.000 χ^2/NDF: 21298342988437283

Left Out: -342.932+/-0.000 χ^2/NDF:807653524791121182675662875435991040.0/3

In: -172.245+/-0.000 χ^2/NDF:1196571319815531

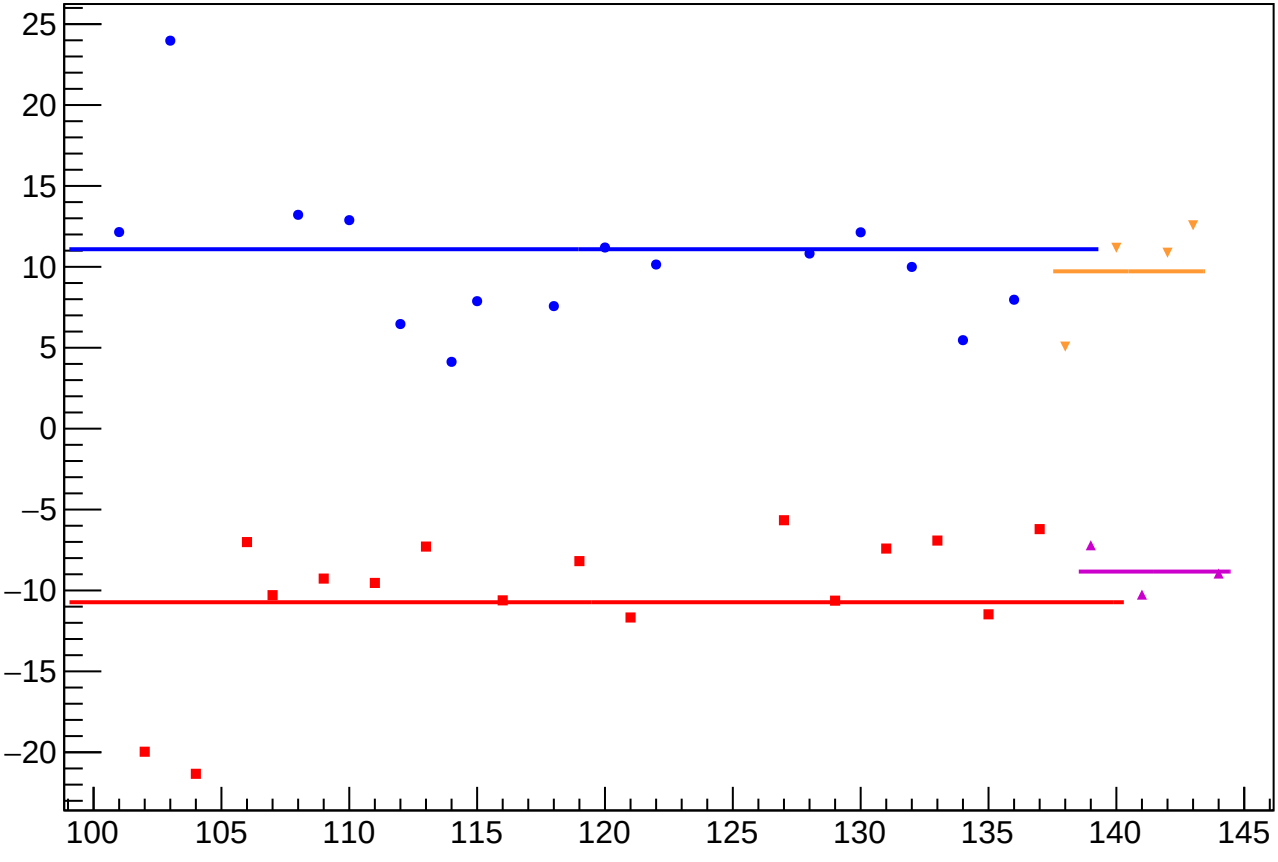
Right Out: 394.973+/-0.000 χ^2/NDF: 36855955134271835015961652808741 02784.0/15

Out: 180.666+/-0.000 χ^2/NDF:109971010134756 8

Left In: 401.339+/-0.000 χ^2/NDF:137975712227954492539046278182469632.0/2

All: 7.656+/-0.000 χ^2/NDF: 28702214362891

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.761+/-0.000 χ^2/NDF: 482446292669156897

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: 9.722+/-0.000 χ^2/NDF:2464407336119684972014055192526848.0/3

In: 5.469+/-0.000 χ^2/NDF:8727804200104956404

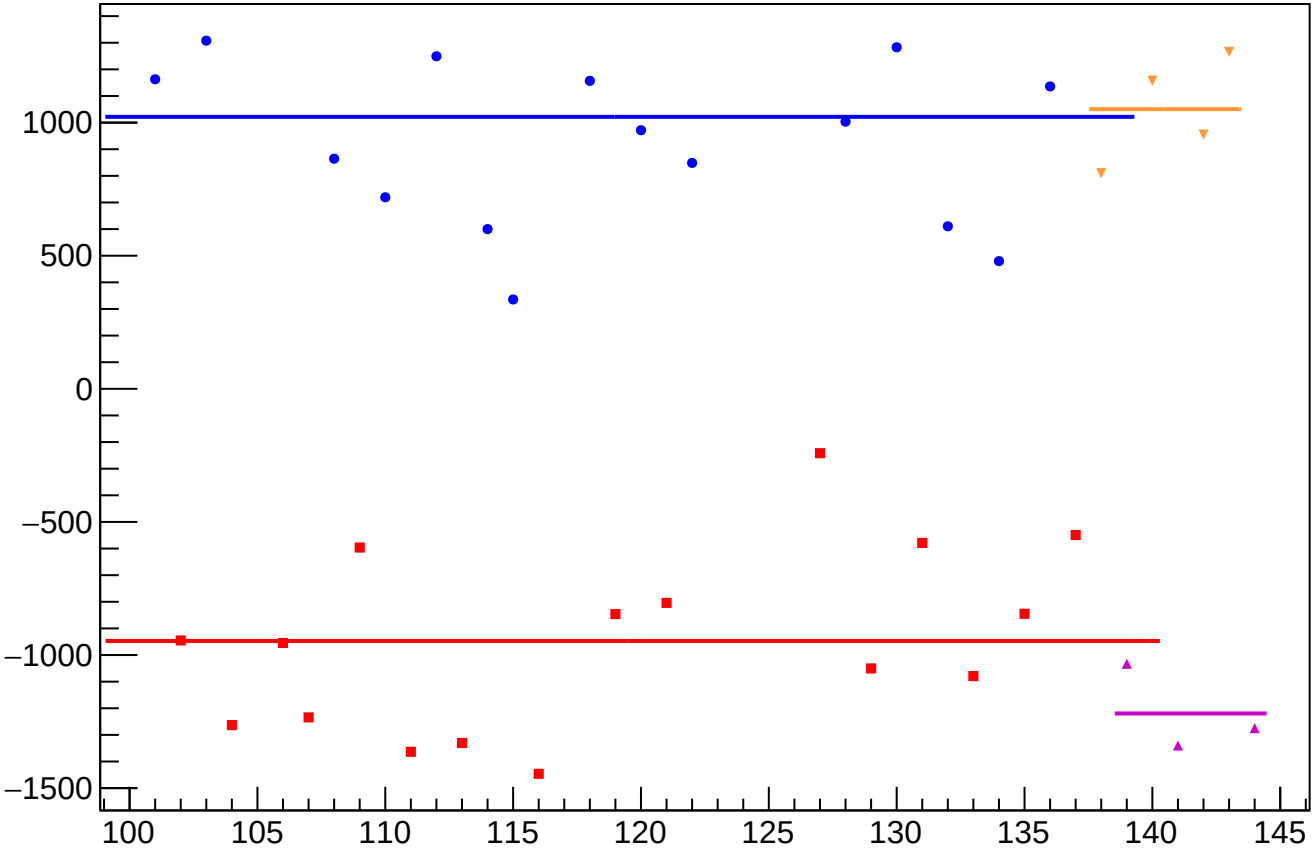
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: -4.788+/-0.000 χ^2/NDF:98242006770037876

Left In: -8.833+/-0.000 χ^2/NDF:3876200934010733715523269421957 12.0/2

All: 0.240+/-0.000 χ^2/NDF: 2340099225465 0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

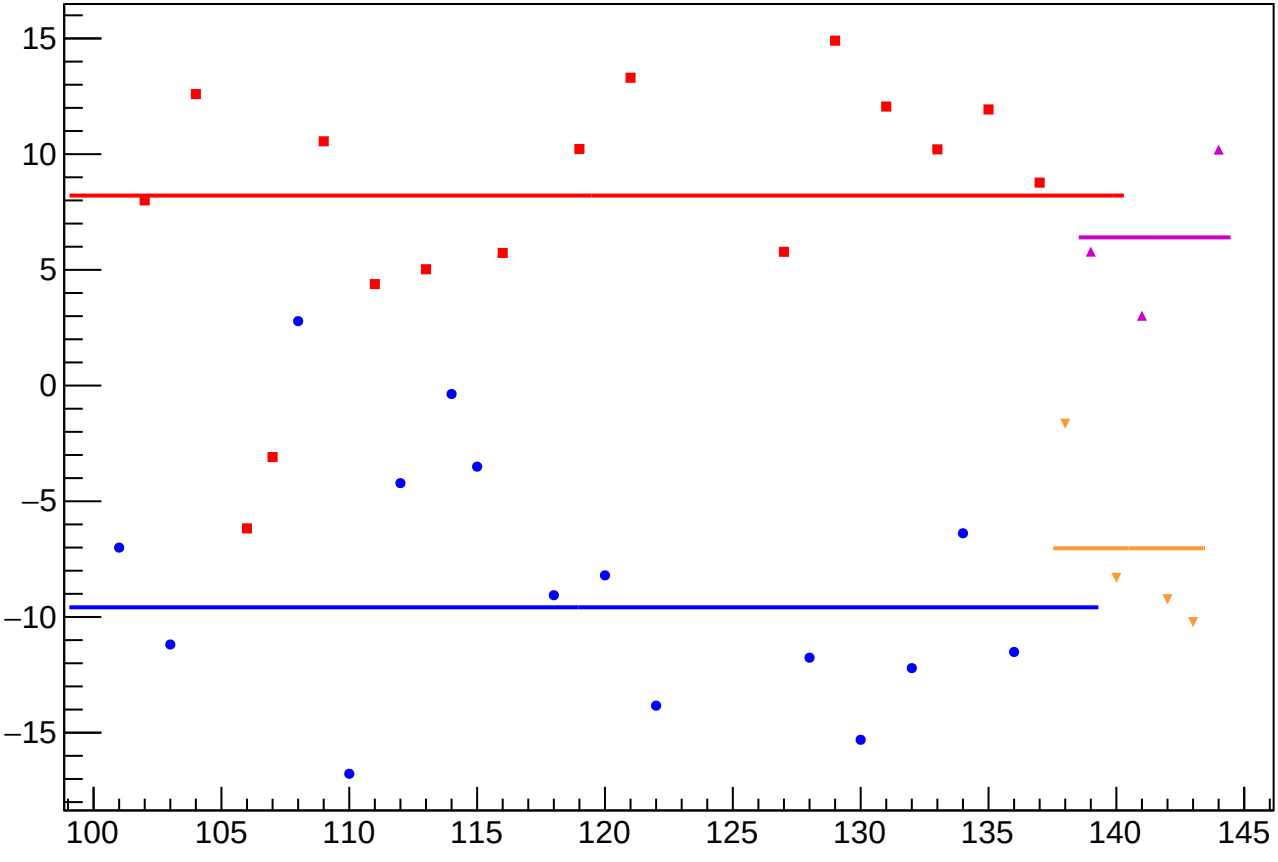
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: -0.542+/-0.000 χ^2/NDF: 29380847498059709

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -7.030+/-0.000 χ^2/NDF:3300890255682655116184434618925056.0/3

In: -5.073+/-0.000 χ^2/NDF:63774638405544081 7

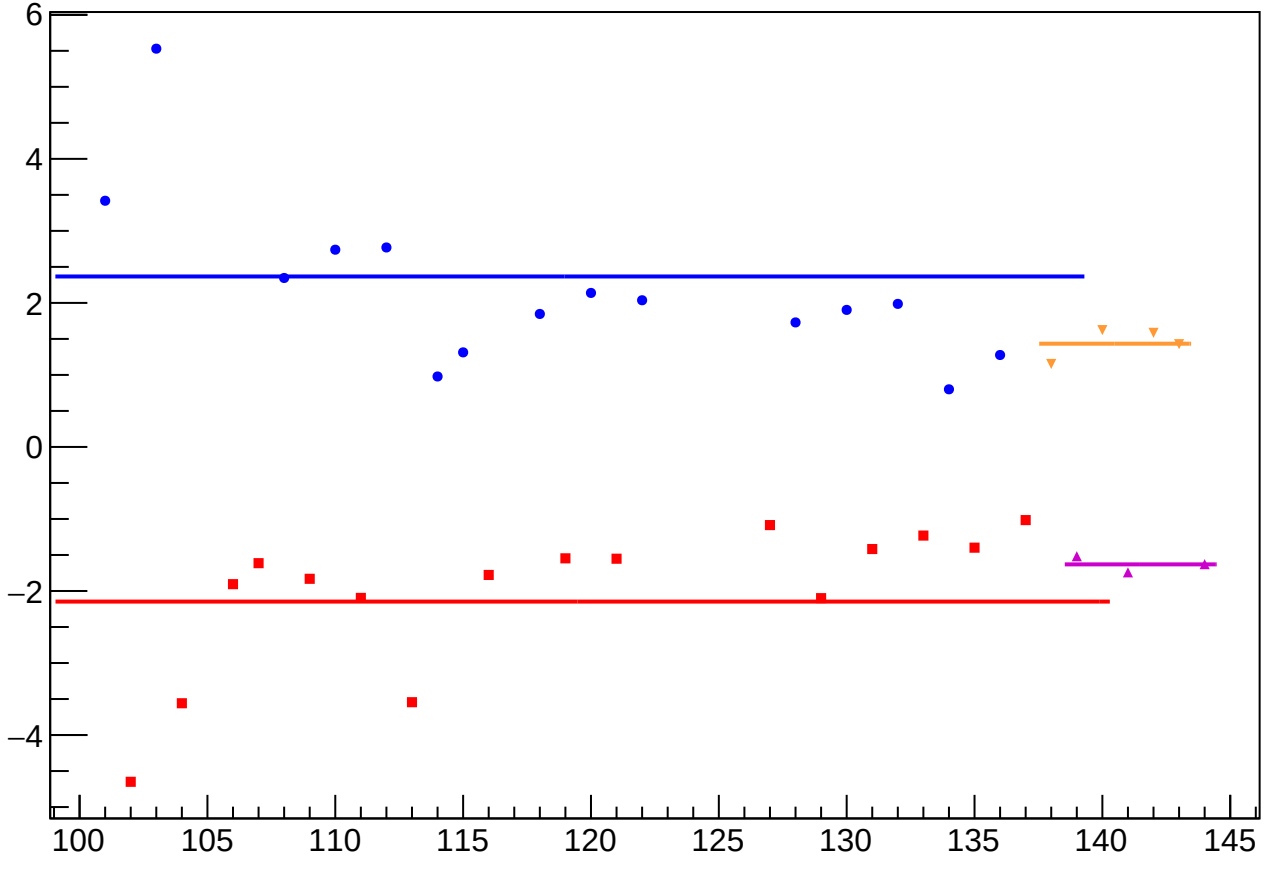
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

Out: 3.785+/-0.000 χ^2/NDF:6660077947530806 66

Left In: 6.404+/-0.000 χ^2/NDF:2286356538528806853674457198755840.0/2

All: -0.557+/-0.000 χ^2/NDF: 1665303570176

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.046+/-0.000 χ^2/NDF: 12501262128388911

Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Right: 0.079+/-0.000 χ^2/NDF: 83877353838823588

Left Out: 1.434+/-0.000 χ^2/NDF:10134321479309911964547507290112.0/3

In: 1.239+/-0.000 χ^2/NDF:384819584228711553

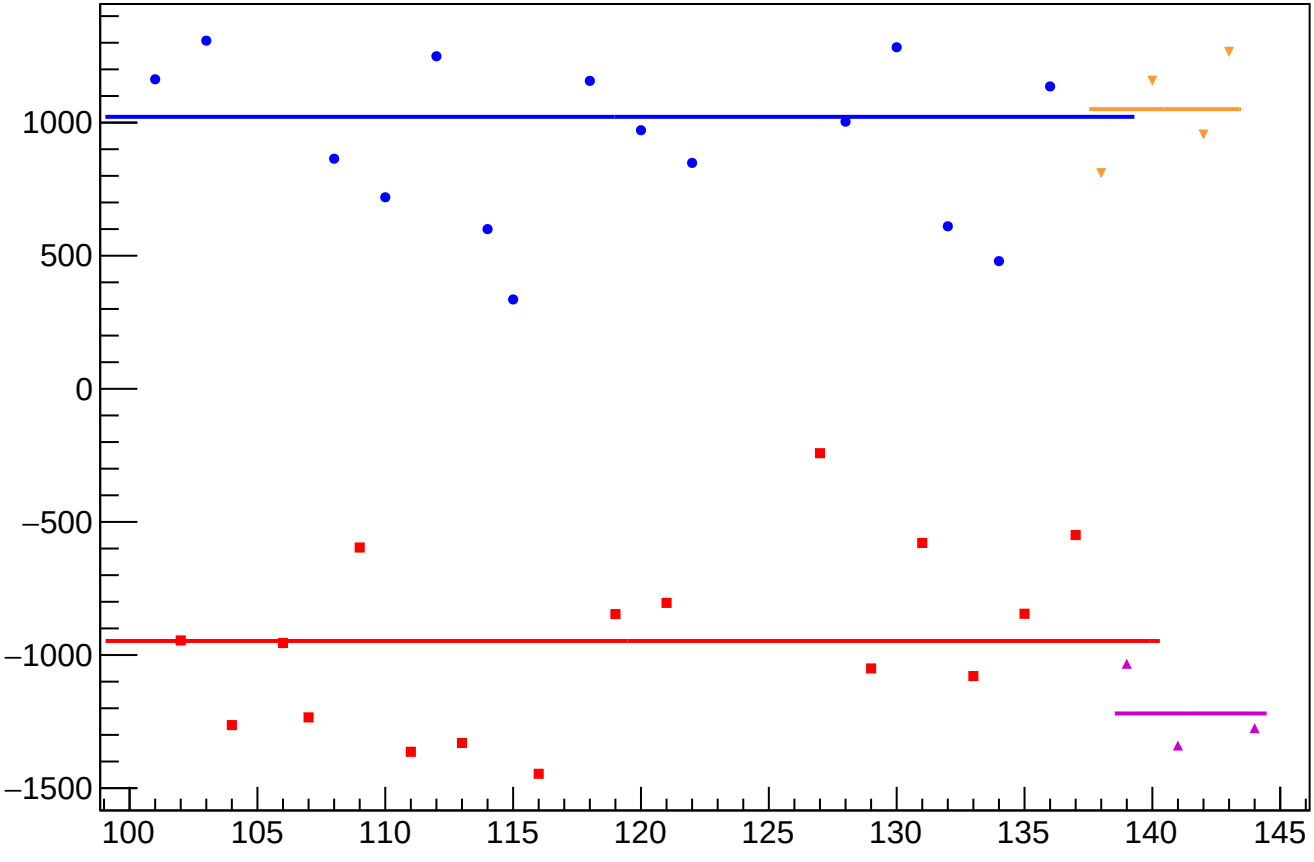
Right Out: -2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

Out: -1.107+/-0.000 χ^2/NDF:3258096278196687

Left In: -1.631+/-0.000 χ^2/NDF:2076564937091778730723465232384.0/2

All: 0.043+/-0.000 χ^2/NDF: 9643774903896

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

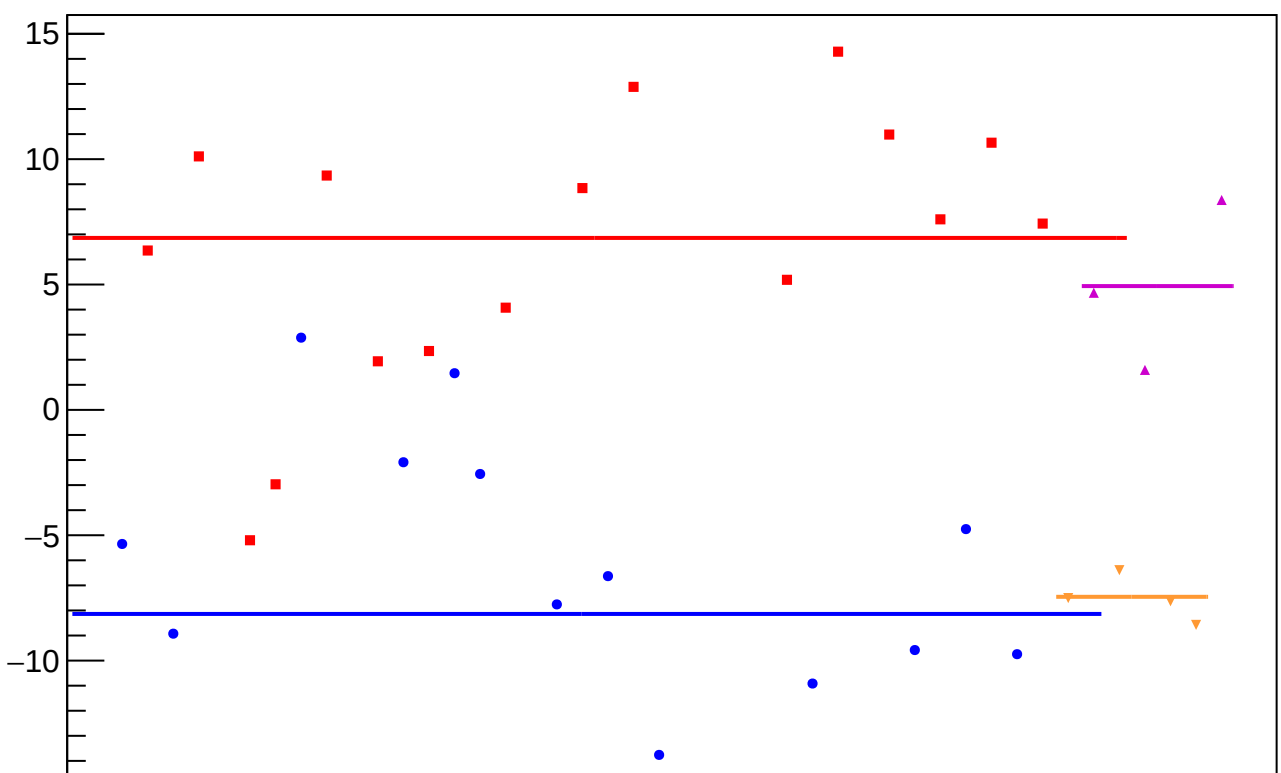
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -1.470+/-0.000 χ^2/NDF: 22435803849313385

Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -7.456+/-0.000 χ^2/NDF:1782366233794648895259300121804 80.0/3

In: -4.450+/-0.000 χ^2/NDF:479872733483750722

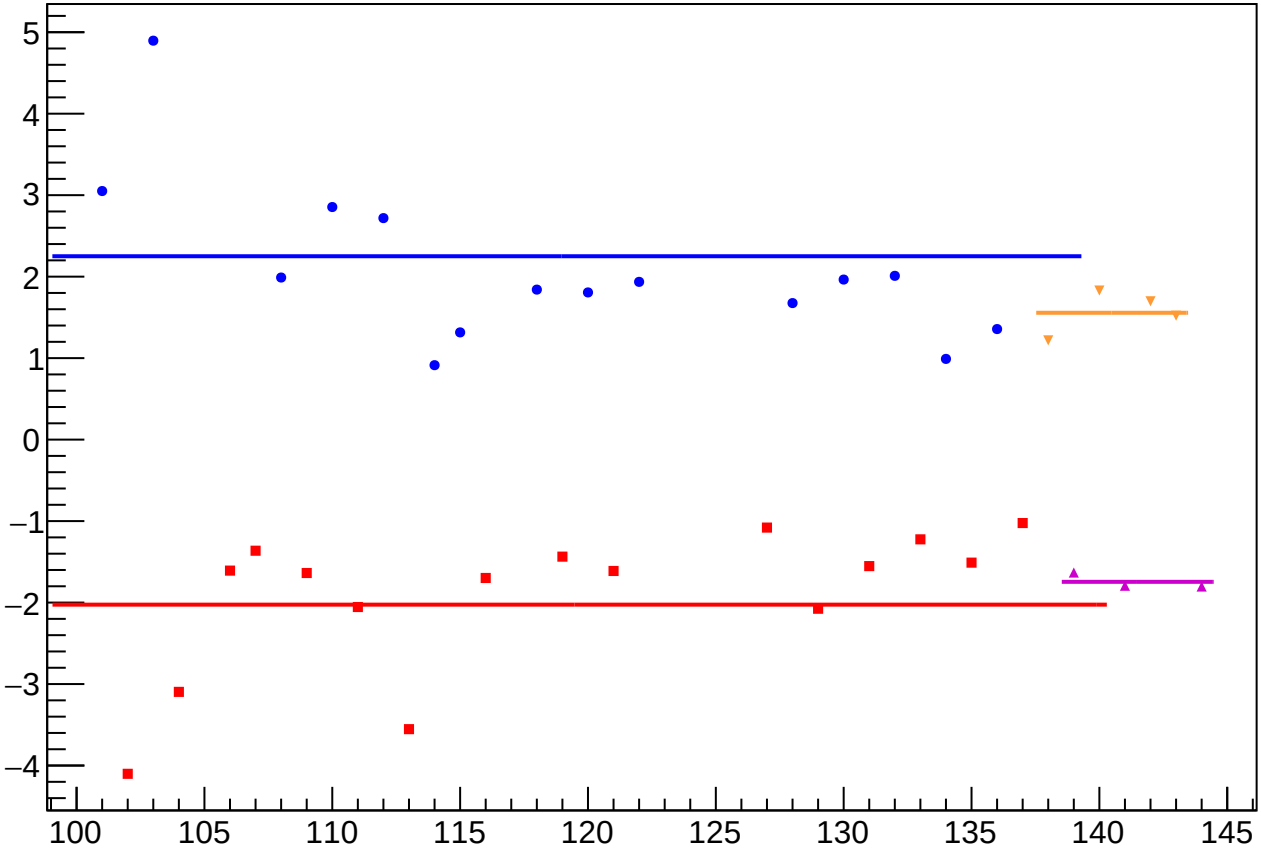
Right Out: 6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307 9808.0/15

Out: 2.701+/-0.000 χ^2/NDF:563545569556567284

Left In: 4.938+/-0.000 χ^2/NDF:2005779000422122230498559740870656.0/2

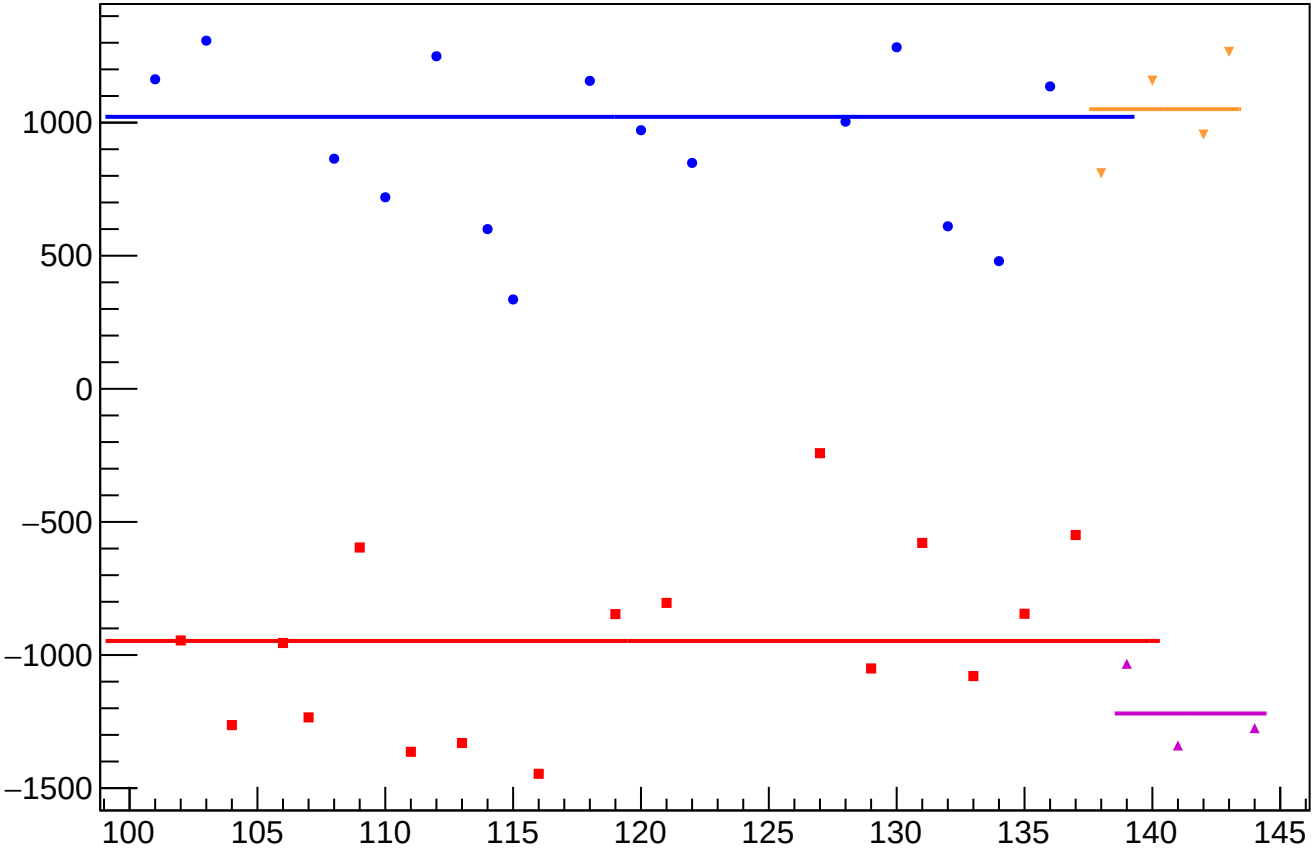
All: -0.805+/-0.000 χ^2/NDF: 1279110538318

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.038+/-0.000 χ^2/NDF: 1455258794029303
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: 1.557+/-0.000 χ^2/NDF:1604744893687053443777358620 2624.0/3
In: 1.123+/-0.000 χ^2/NDF:3581256943520548028
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15
Out: -0.985+/-0.000 χ^2/NDF:30804492165616755
Left In: -1.745+/-0.000 χ^2/NDF:1541709448552271189707048615936.0/2
All: 0.049+/-0.000 χ^2/NDF: 8710060409600 2

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

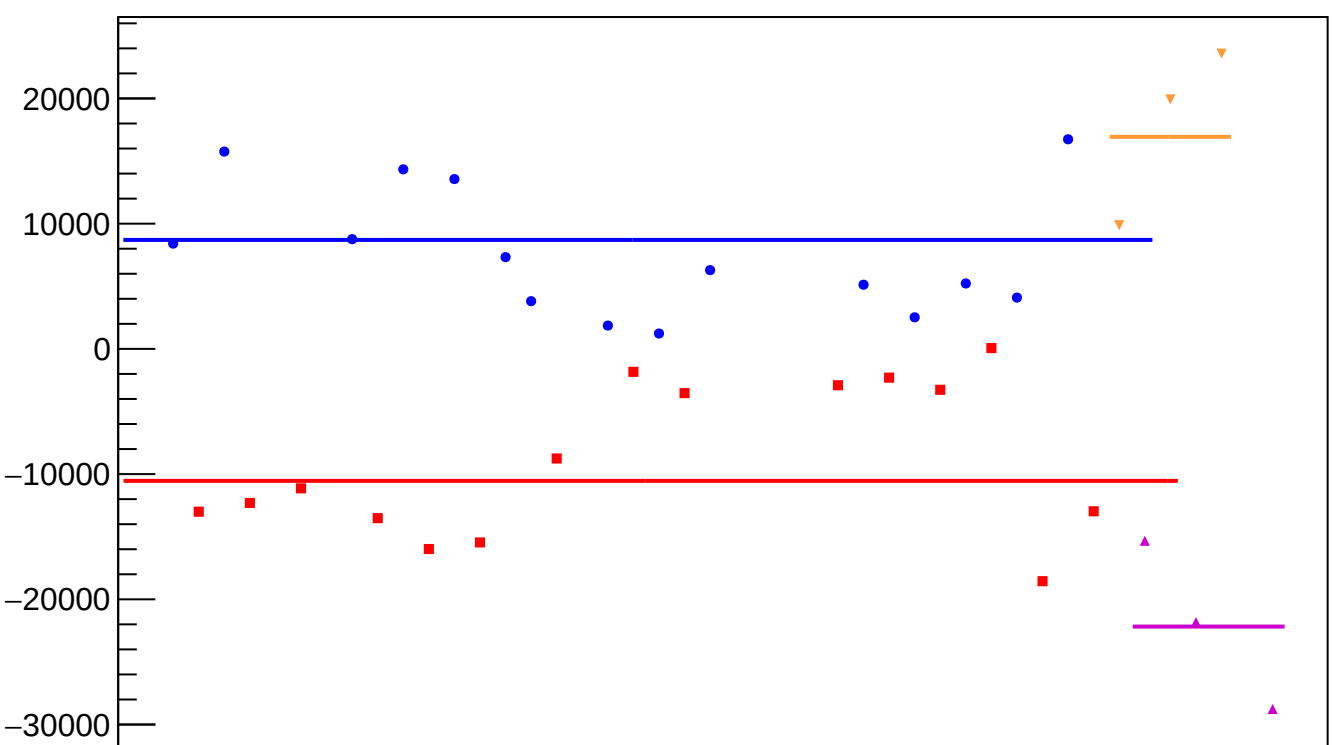
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -4698.450+/-0.000 χ^2/NDF: 18862757969551

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16936.177+/-0.000 χ^2/NDF:6646710921788244129422426256816969089024.0/2

In: -7.052+/-0.000 χ^2/NDF:201731358901902444

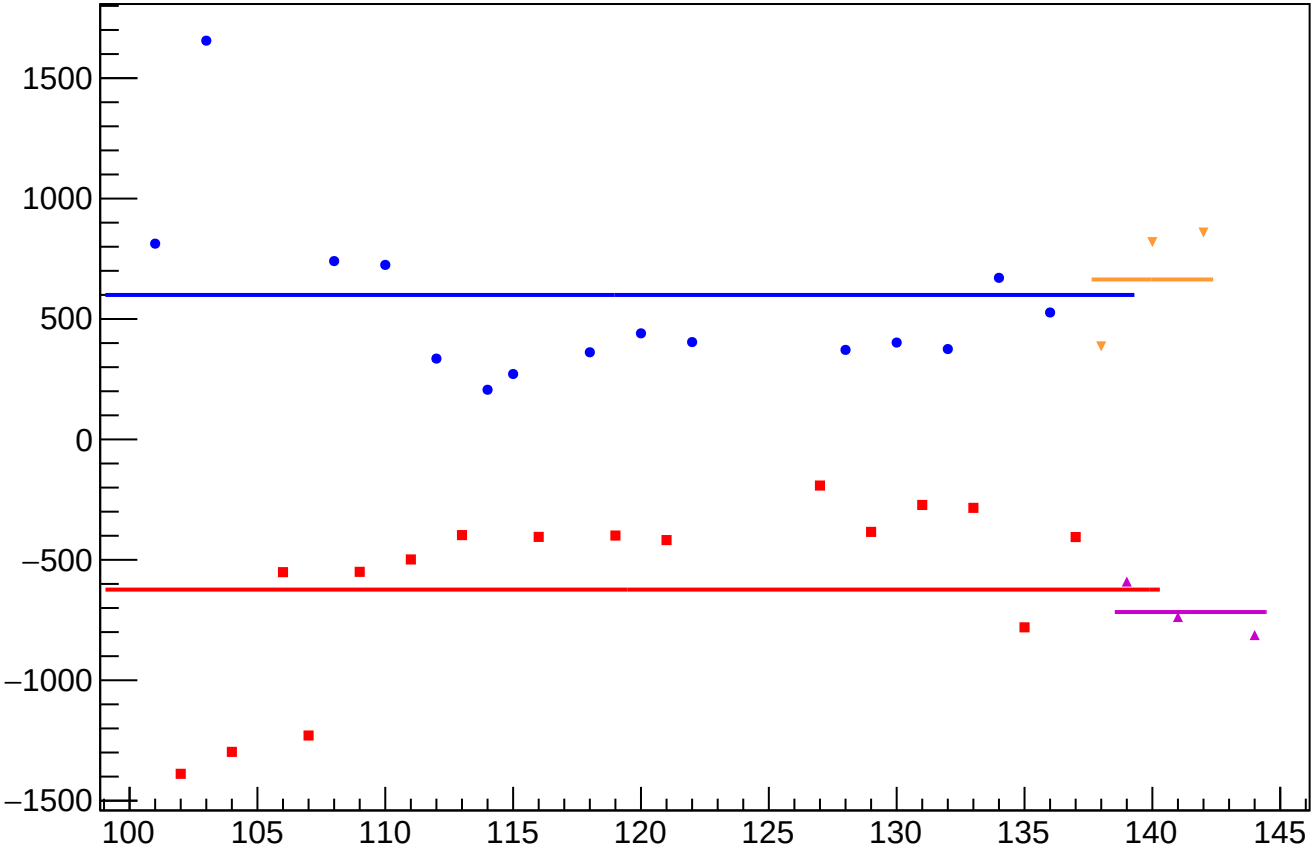
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: -4055.989+/-0.000 χ^2/NDF:17168808653823

Left In: -22175.836+/-0.000 χ^2/NDF:7669060996601189715266967274711920148480.0/2

All: -1996.204+/-0.000 χ^2/NDF: 3807002143

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -99.716+/-0.000 χ^2/NDF: 2290867313104701

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 663.981+/-0.000 χ^2/NDF:9734894599574410654576162279931248640.0/2

In: 228.488+/-0.000 χ^2/NDF:4087031906272547 6

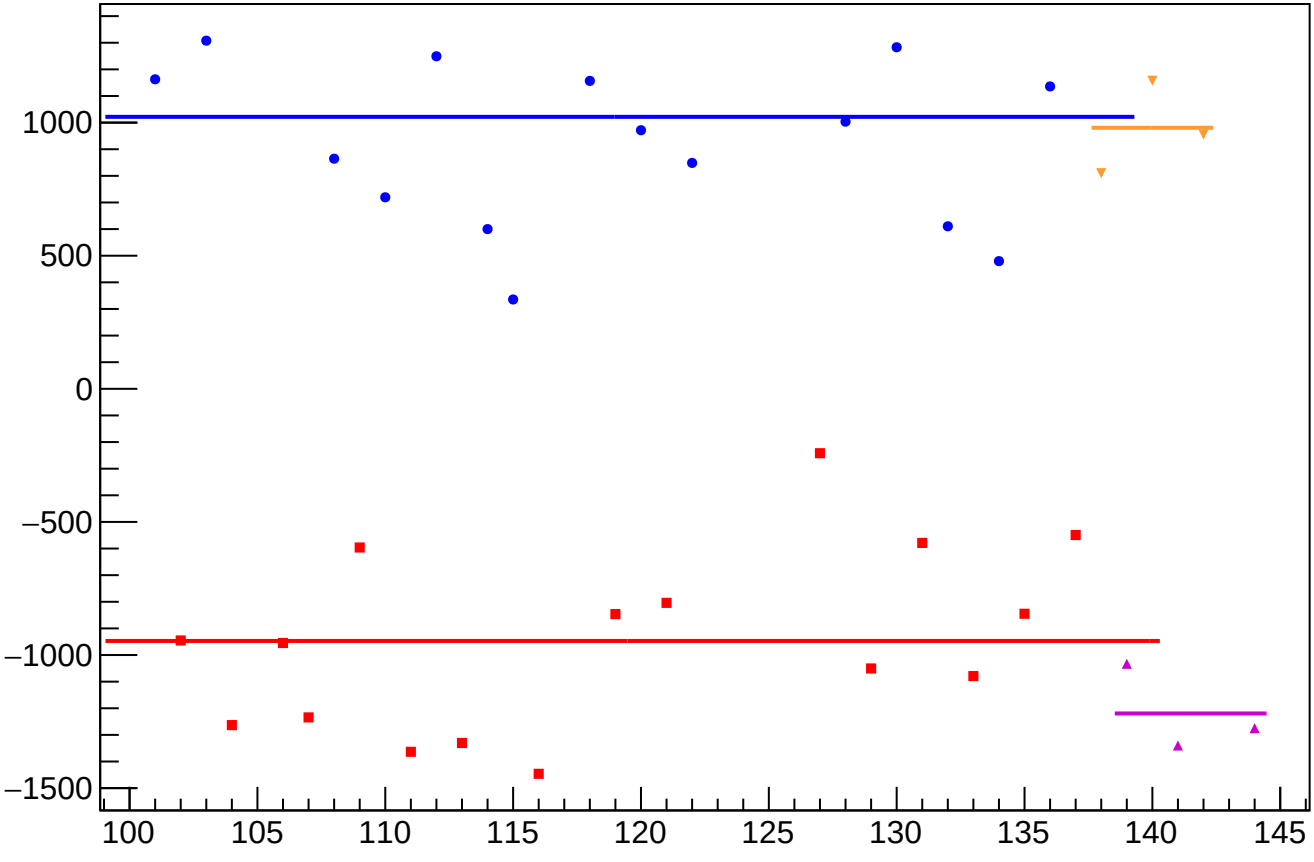
Right Out: -623.569+/-0.000 χ^2/NDF: 10144884547929760304415261812687949004 8.0/15

Out: -319.749+/-0.000 χ^2/NDF:372103305088361

Left In: -716.663+/-0.000 χ^2/NDF:2146821746702083421903081915839152128.0/2

All: -40.848+/-0.000 χ^2/NDF: 914291030701

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 980.660+/-0.000 χ^2/NDF:486052346317757429011129802393701 5808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

Left: -236.356+/-0.000 χ^2/NDF: 560781591127106

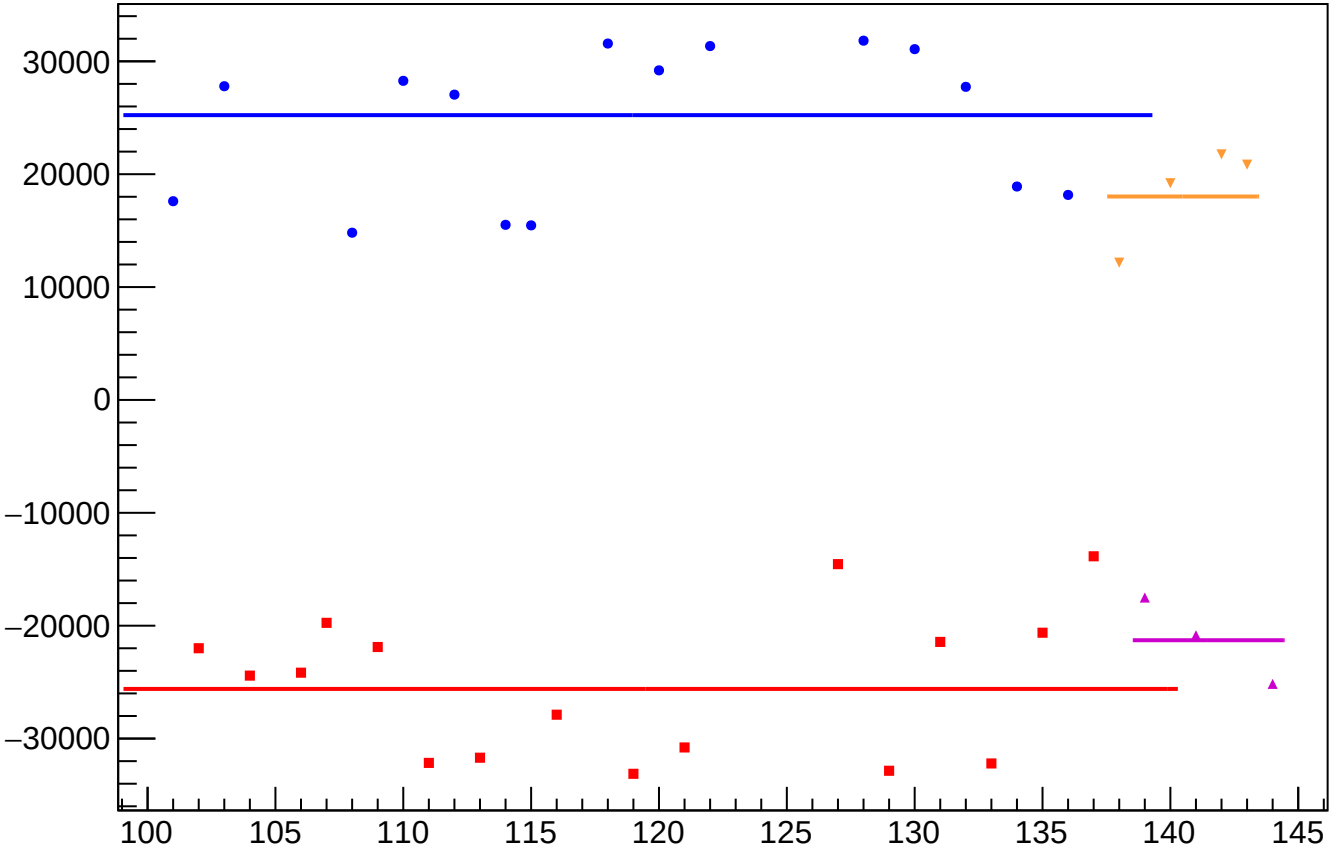
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: 389.488+/-0.000 χ^2/NDF:964372105310742 17

Out: -492.245+/-0.000 χ^2/NDF:657577063909778

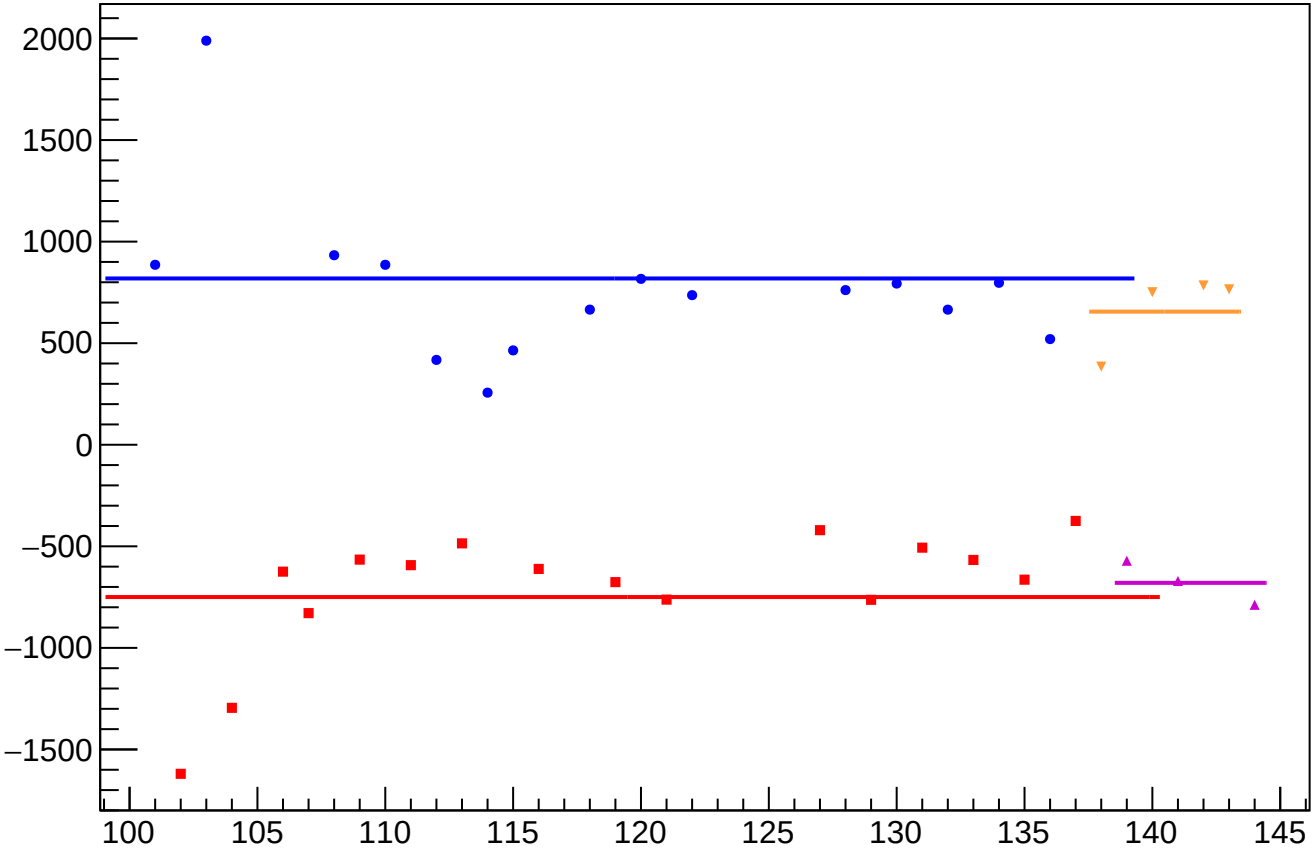
All: -43.688+/-0.000 χ^2/NDF: 196722756147

dit_usr_coil7_mean vs Slug, Sign Corrected



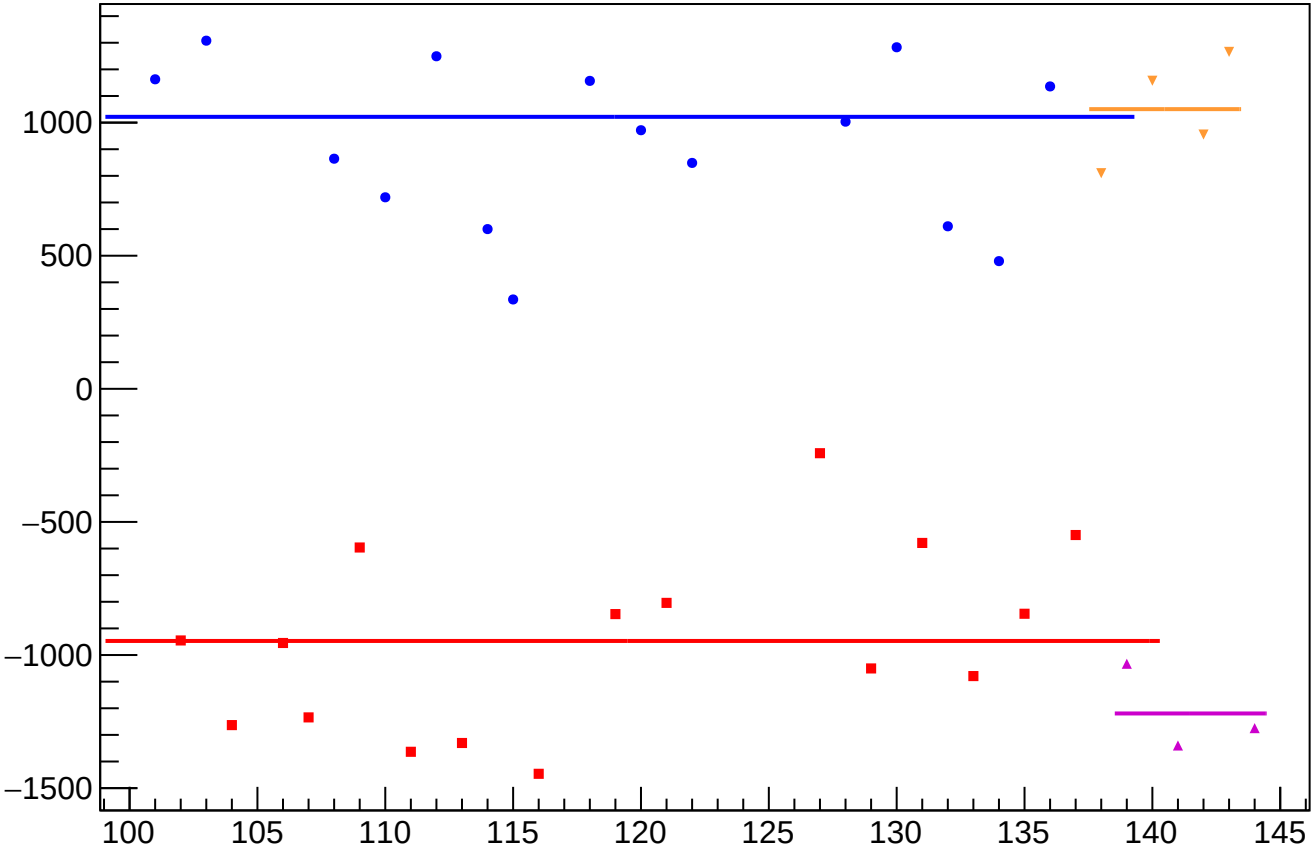
Left: -962.066+/-0.000 χ^2/NDF: 210238308230143
Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14
Right: -532.226+/-0.000 χ^2/NDF: 89888992461613
Left Out: 18024.077+/-0.000 χ^2/NDF:3968443192307123475591230272815784525824.0/3
In: 12109.705+/-0.000 χ^2/NDF:423233160782127
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15
Out: -12931.439+/-0.000 χ^2/NDF:3970007168742
Left In: -21288.406+/-0.000 χ^2/NDF:2504746071667990936714745163461328633856.0/2
All: -655.304+/-0.000 χ^2/NDF: 11091978540

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: 10.498+/-0.000 χ^2/NDF: 2450860171725009
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 655.329+/-0.000 χ^2/NDF:8036674160010598780318375042869100544.0/3
In: 395.966+/-0.000 χ^2/NDF:5187057531169093
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: -341.616+/-0.000 χ^2/NDF:468400257749255
Left In: -679.850+/-0.000 χ^2/NDF:2005809881553195199400467556150018048.0/2
All: 19.975+/-0.000 χ^2/NDF: 1237807412755

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

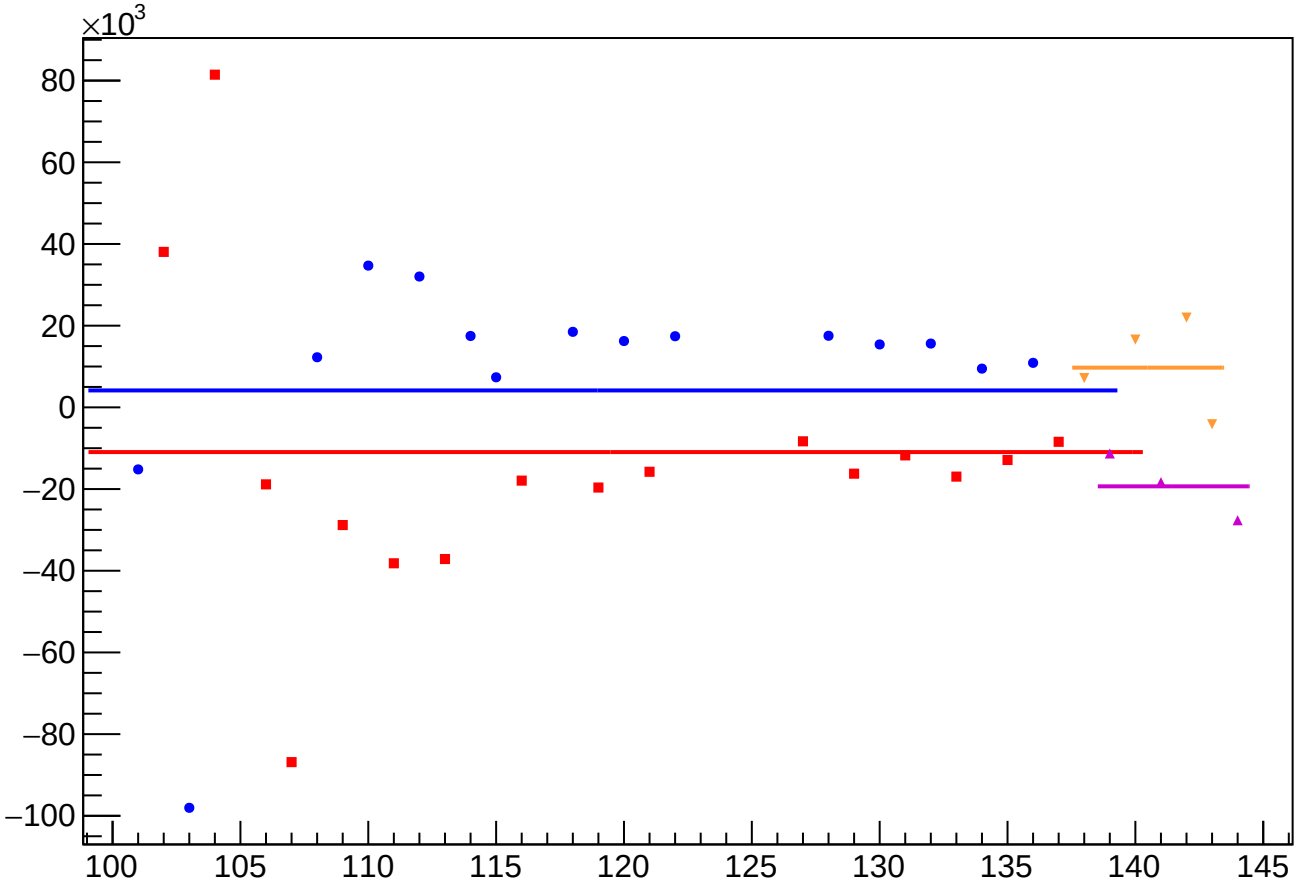
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -4308.875+/-0.000 χ^2/NDF: 14695862069428

Right In: 4145.268+/-0.000 χ^2/NDF: 763693998395064689637972381933507648159744.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 9726.604+/-0.000 χ^2/NDF:2414228369055436829378537957993210917683 2.0/3

In: -2478.064+/-0.000 χ^2/NDF:876086374755579

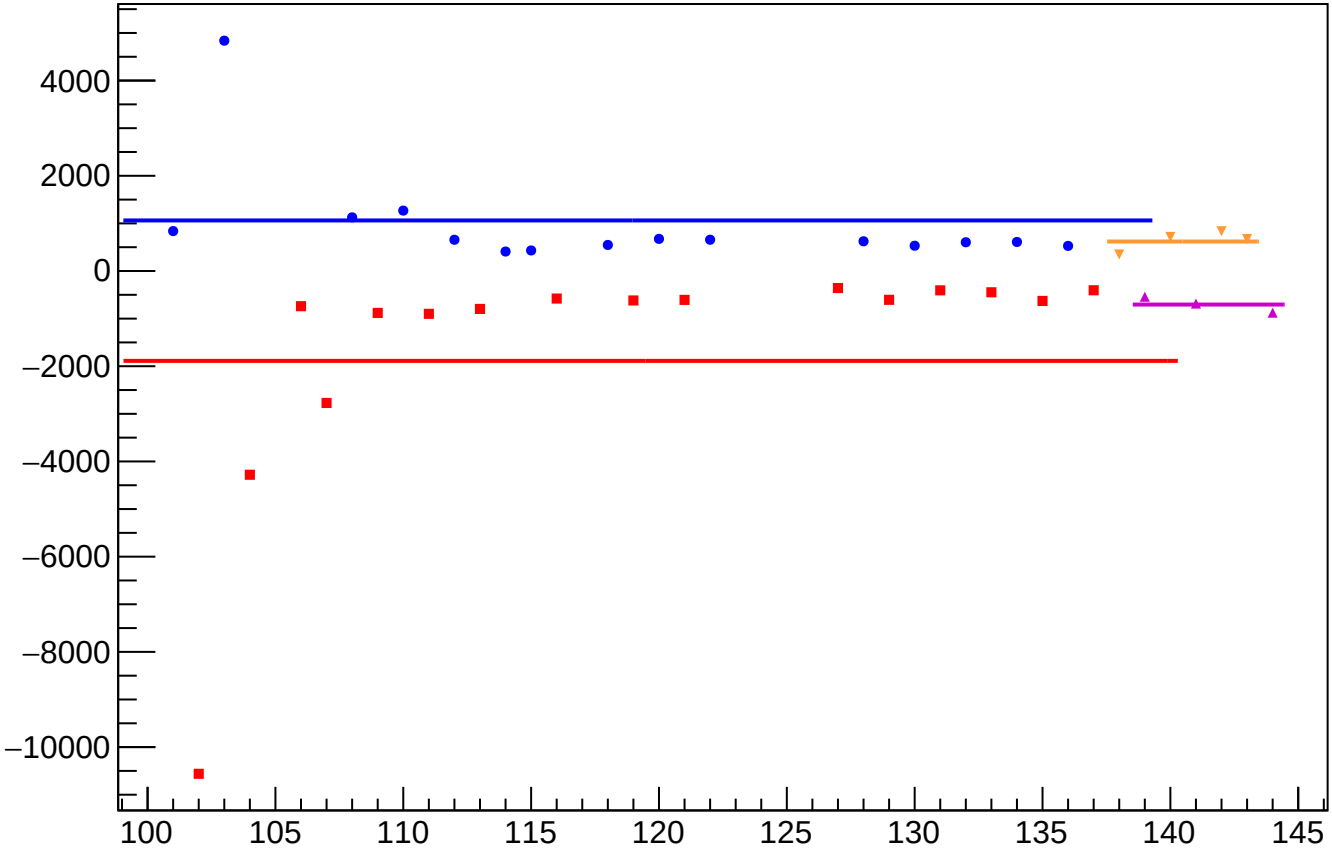
Right Out: -10948.073+/-0.000 χ^2/NDF: 873949668510327201514601463115396191092736.0/15

Out: -4943.619+/-0.000 χ^2/NDF:98089343138194

Left In: -19335.093+/-0.000 χ^2/NDF:1146105560175588238882587660918586343424 0.0/2

All: -3734.909+/-0.000 χ^2/NDF: 1859781140

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 619.489+/-0.000 χ^2/NDF:88572665222360696675201063312791961 60.0/3

In: 563.788+/-0.000 χ^2/NDF:1529029005329936

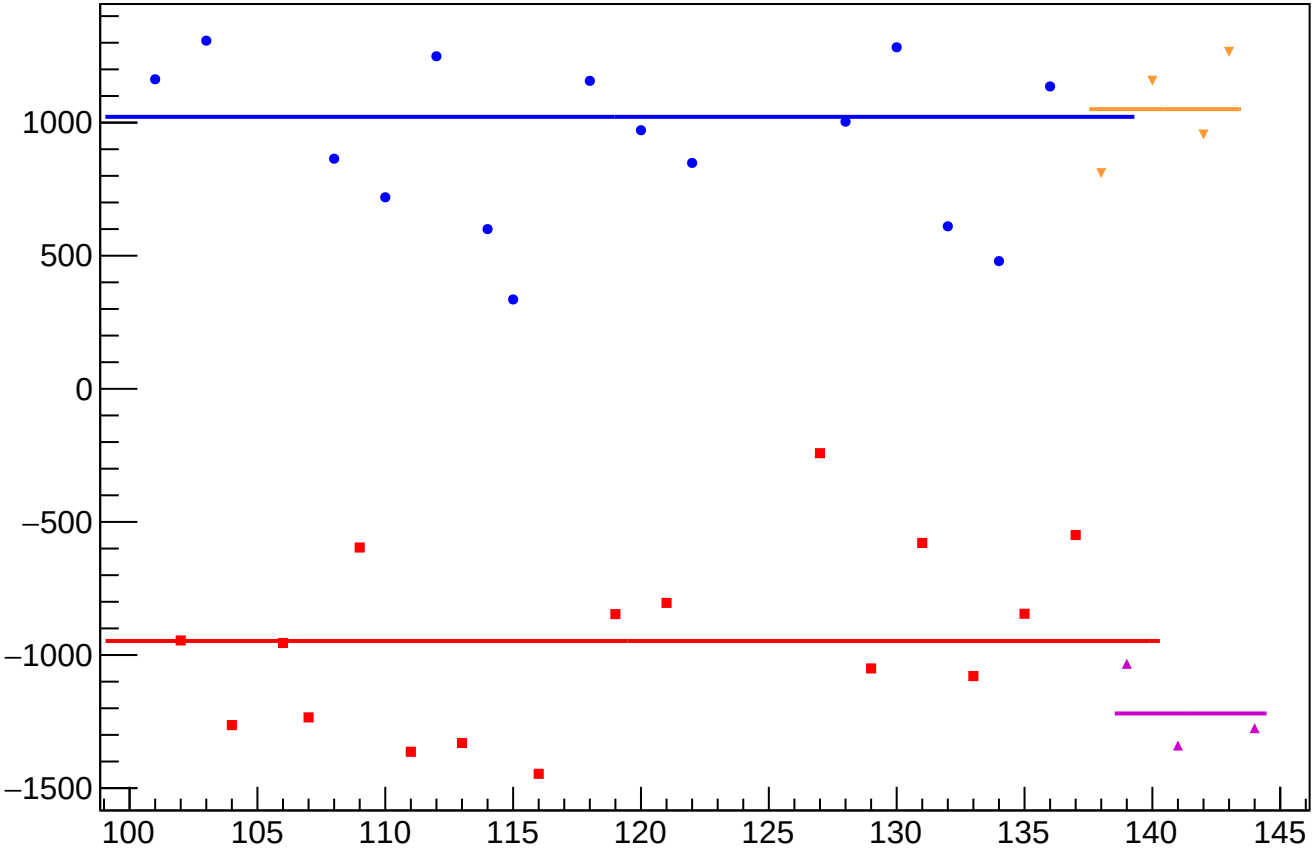
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828352 0.0/15

Out: -1159.106+/-0.000 χ^2/NDF:67518090849473

Left In: -704.567+/-0.000 χ^2/NDF:4815331616905876433510704978749030400.0/2

All: -314.477+/-0.000 χ^2/NDF: 96487331592

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

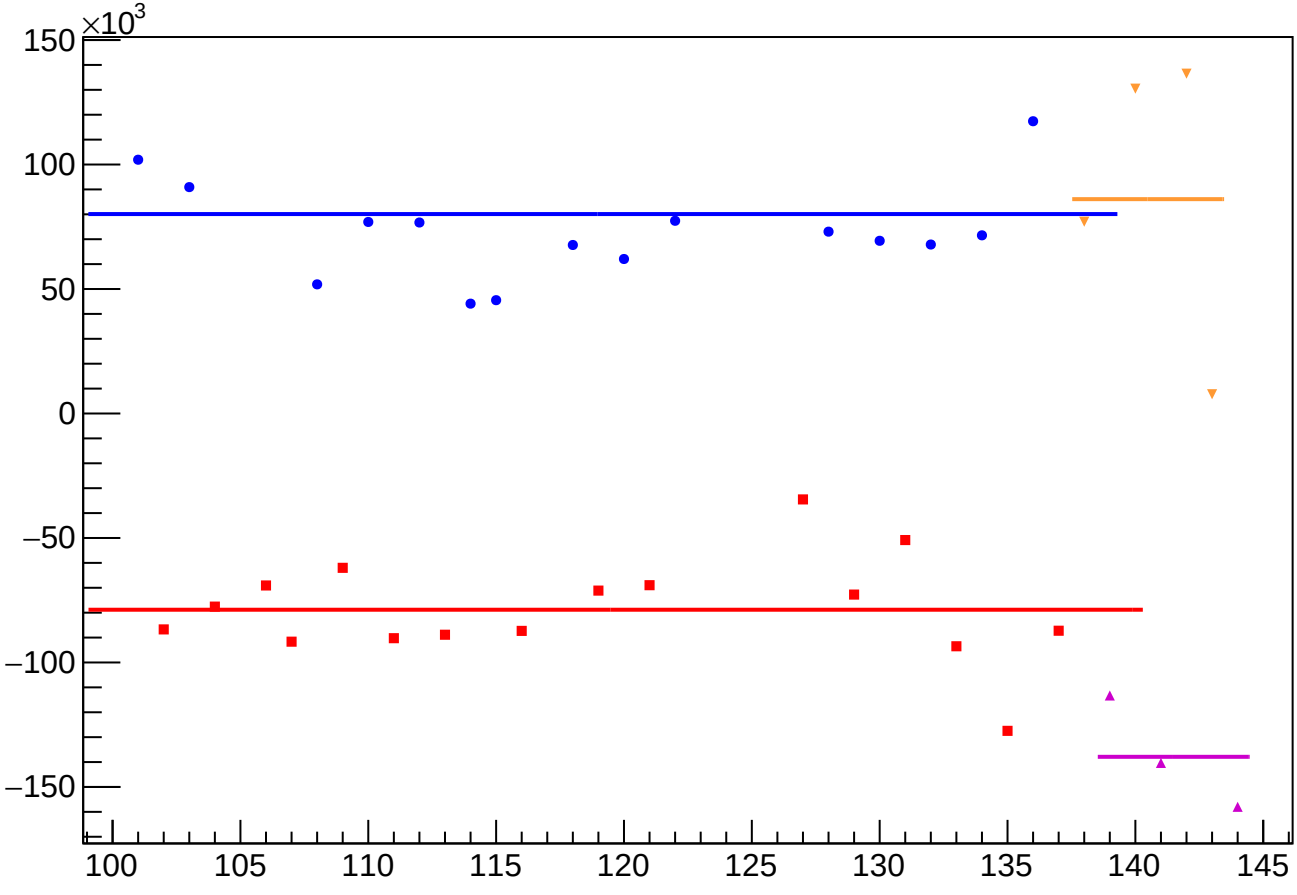
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

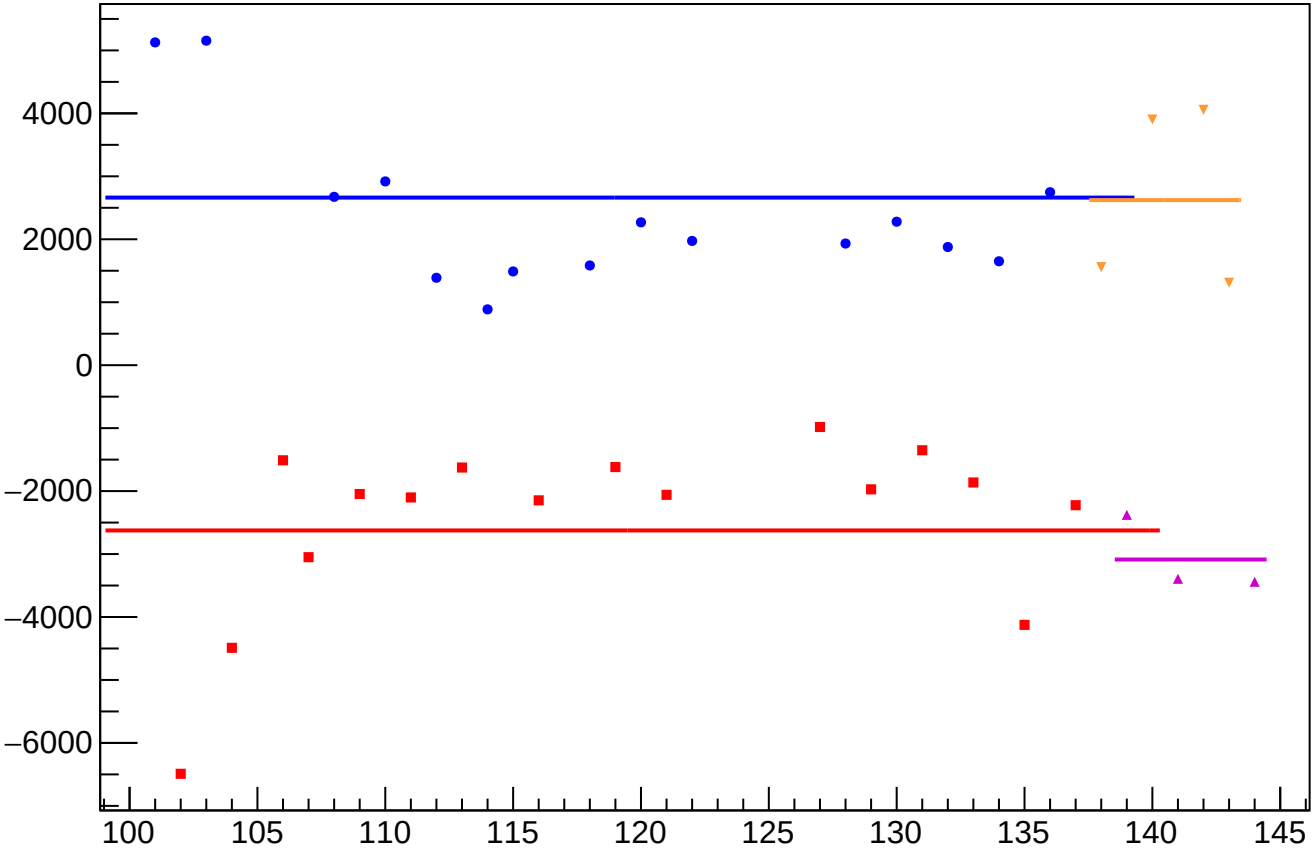
All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -22080.914+/-0.000 χ^2/NDF: 7396272303819
Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
Right: -443.492+/-0.000 χ^2/NDF: 88479516524724
Left Out: 86093.406+/-0.000 χ^2/NDF:69613032228982255988438841960864887603 2000.0/3
In: 18610.954+/-0.000 χ^2/NDF:90397372055490 9
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15
Out: -30921.979+/-0.000 χ^2/NDF:6250265855912
Left In: -137891.069+/-0.000 χ^2/NDF:8552443146008608640470581391864358764 5440.0/2
All: -6639.023+/-0.000 χ^2/NDF: 1642064076

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -135.017+/-0.000 χ^2/NDF: 478950522531801

Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

Right: -17.413+/-0.000 χ^2/NDF: 117922842657675

Left Out: 2621.997+/-0.000 χ^2/NDF:432932866528146477456999723616914374656.0/3

In: 1040.556+/-0.000 χ^2/NDF:7141540147898667

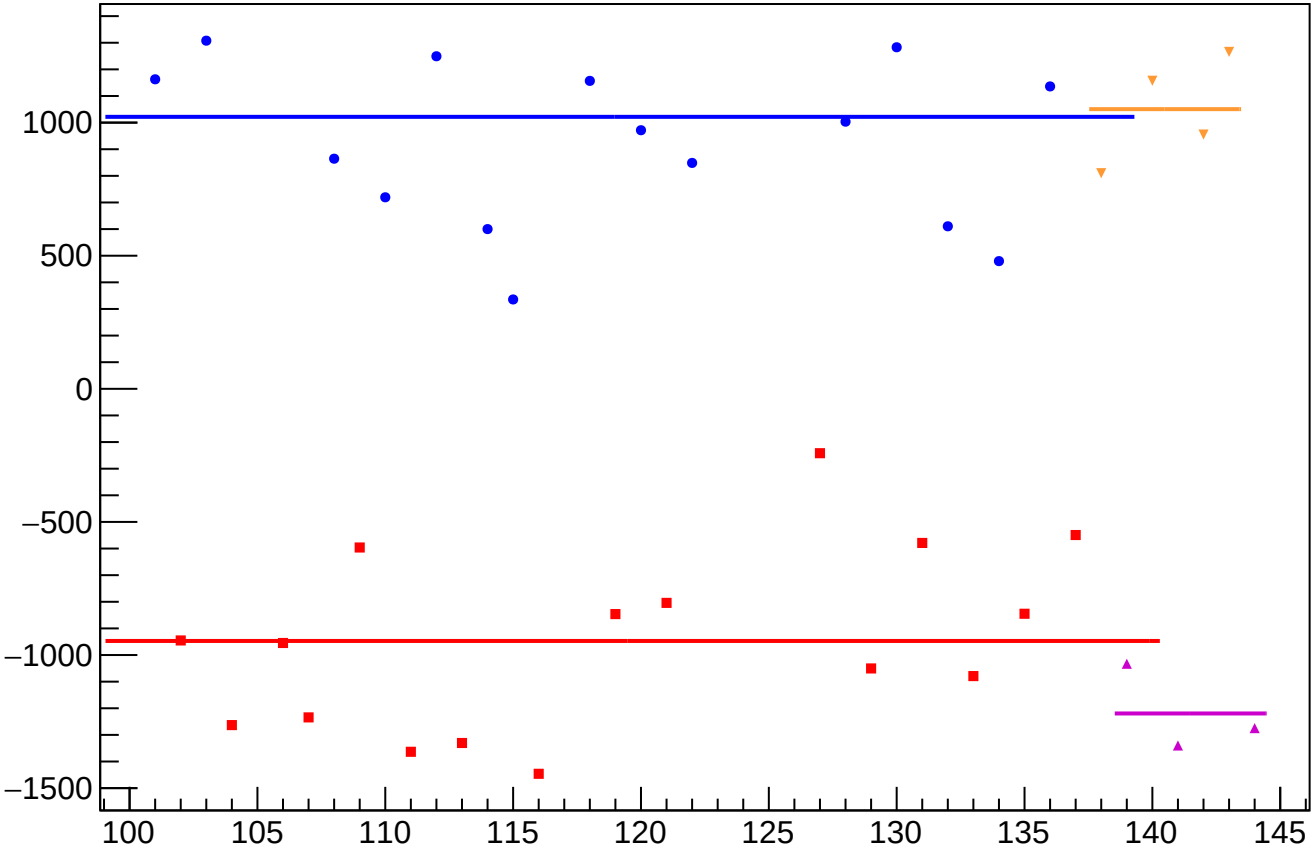
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Out: -1100.922+/-0.000 χ^2/NDF:73321524790363

Left In: -3086.643+/-0.000 χ^2/NDF:5987918000208964270941811173044833484 8.0/2

All: -51.087+/-0.000 χ^2/NDF: 165870010877

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

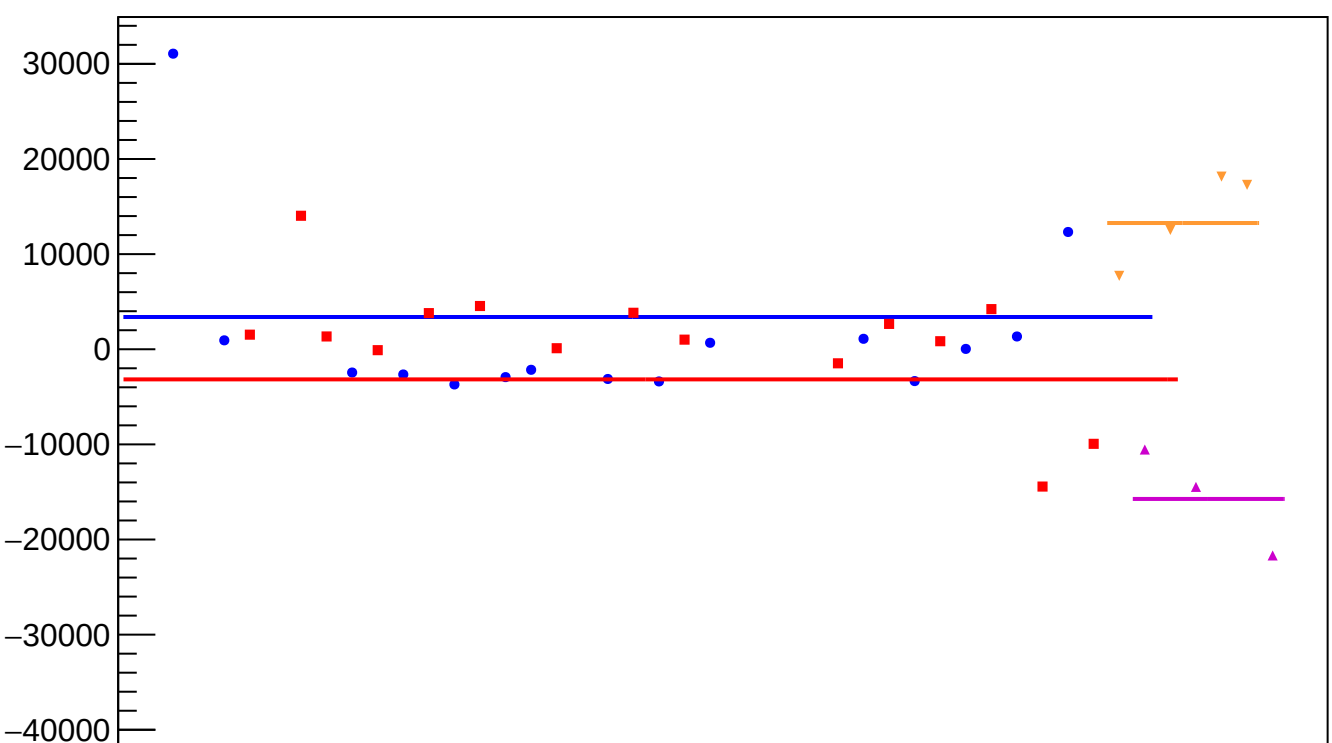
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: -737.653+/-0.000 χ^2/NDF: 121019781592363

Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 13271.348+/-0.000 χ^2/NDF:4620842486349904588705342150711424581632.0/3

In: -2004.526+/-0.000 χ^2/NDF:138303450531057

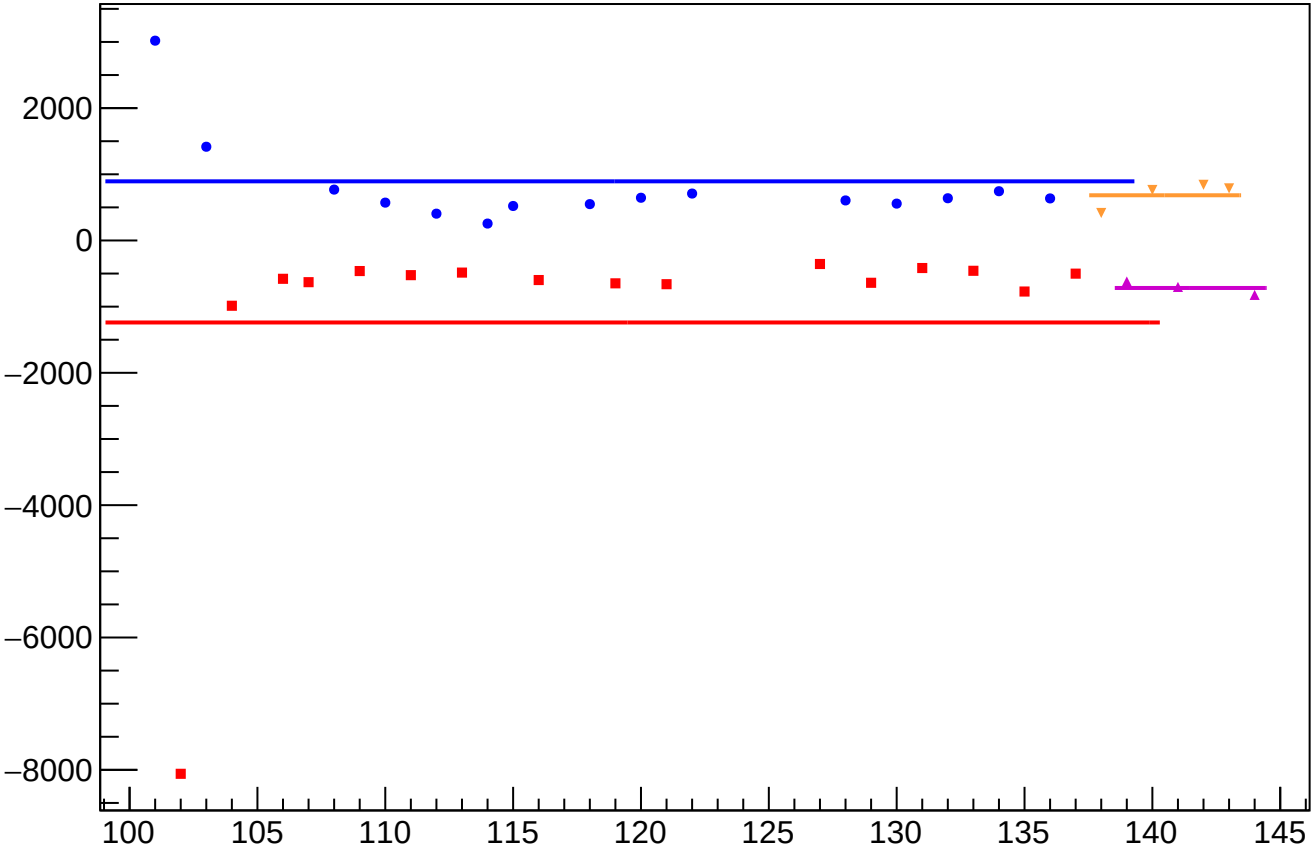
Right Out: -3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15

Out: 1606.835+/-0.000 χ^2/NDF:194722459155130

Left In: -15735.525+/-0.000 χ^2/NDF:546339488024463928377705835188027234 7136.0/2

All: -163.594+/-0.000 χ^2/NDF: 33903594848

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: 6.463+/-0.000 χ^2/NDF: 26851485135824871

Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14

Right: -187.395+/-0.000 χ^2/NDF: 48021156818850

Left Out: 683.039+/-0.000 χ^2/NDF:7985056793554891495760411111039434752.0/3

In: 439.096+/-0.000 χ^2/NDF:8118096121802221

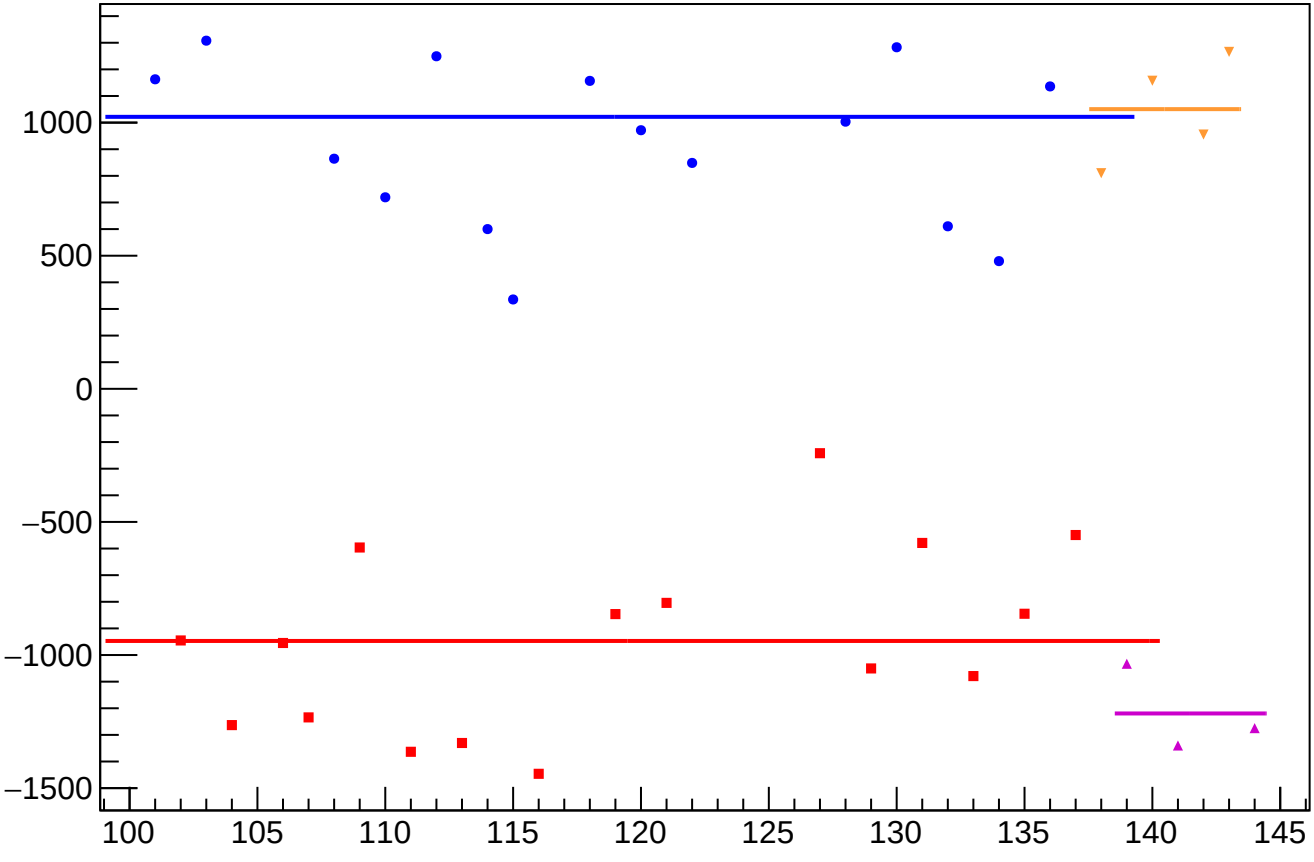
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15

Out: -681.003+/-0.000 χ^2/NDF:369482203565525

Left In: -717.871+/-0.000 χ^2/NDF:1774370087086829203611994102993780736.0/2

All: -131.887+/-0.000 χ^2/NDF: 50847915764

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

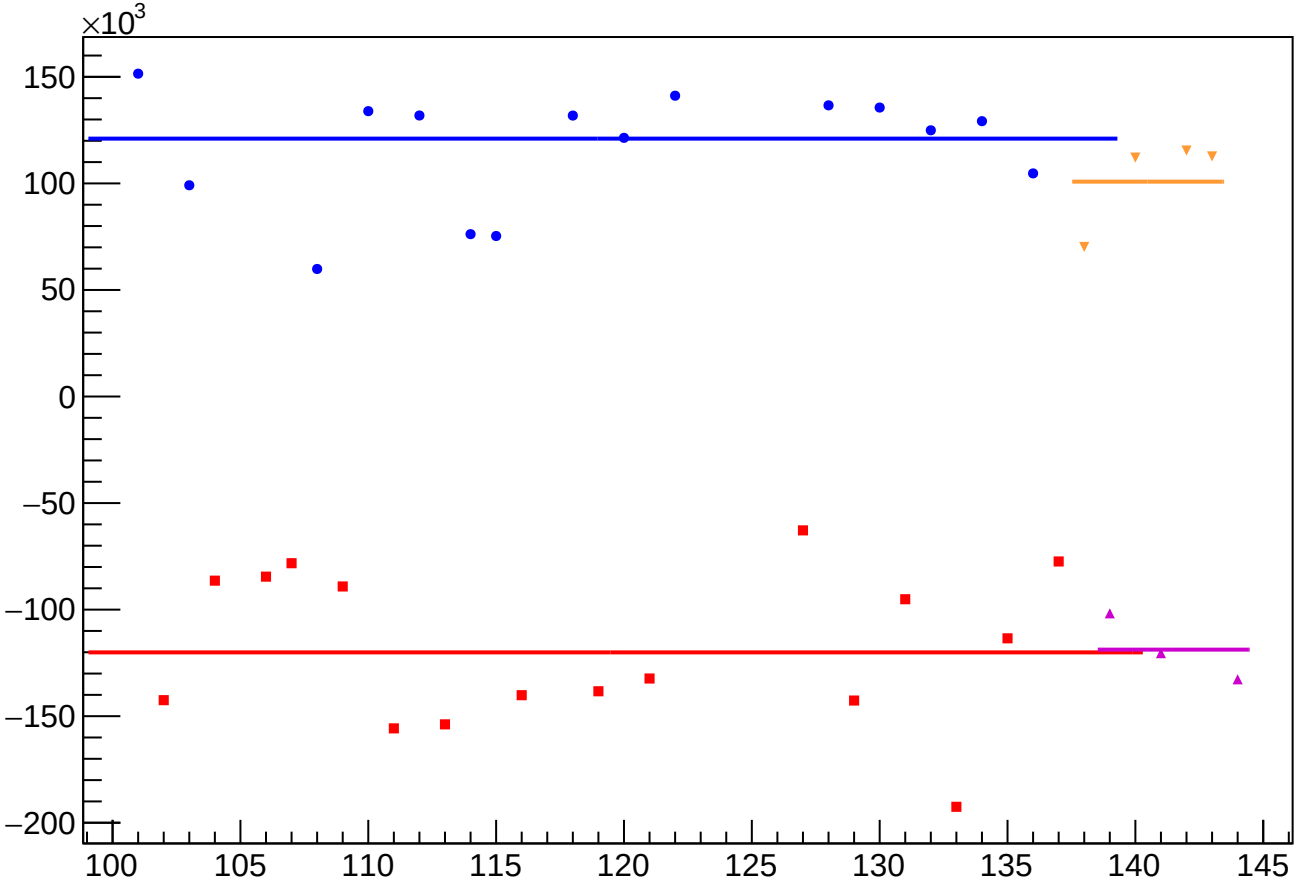
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

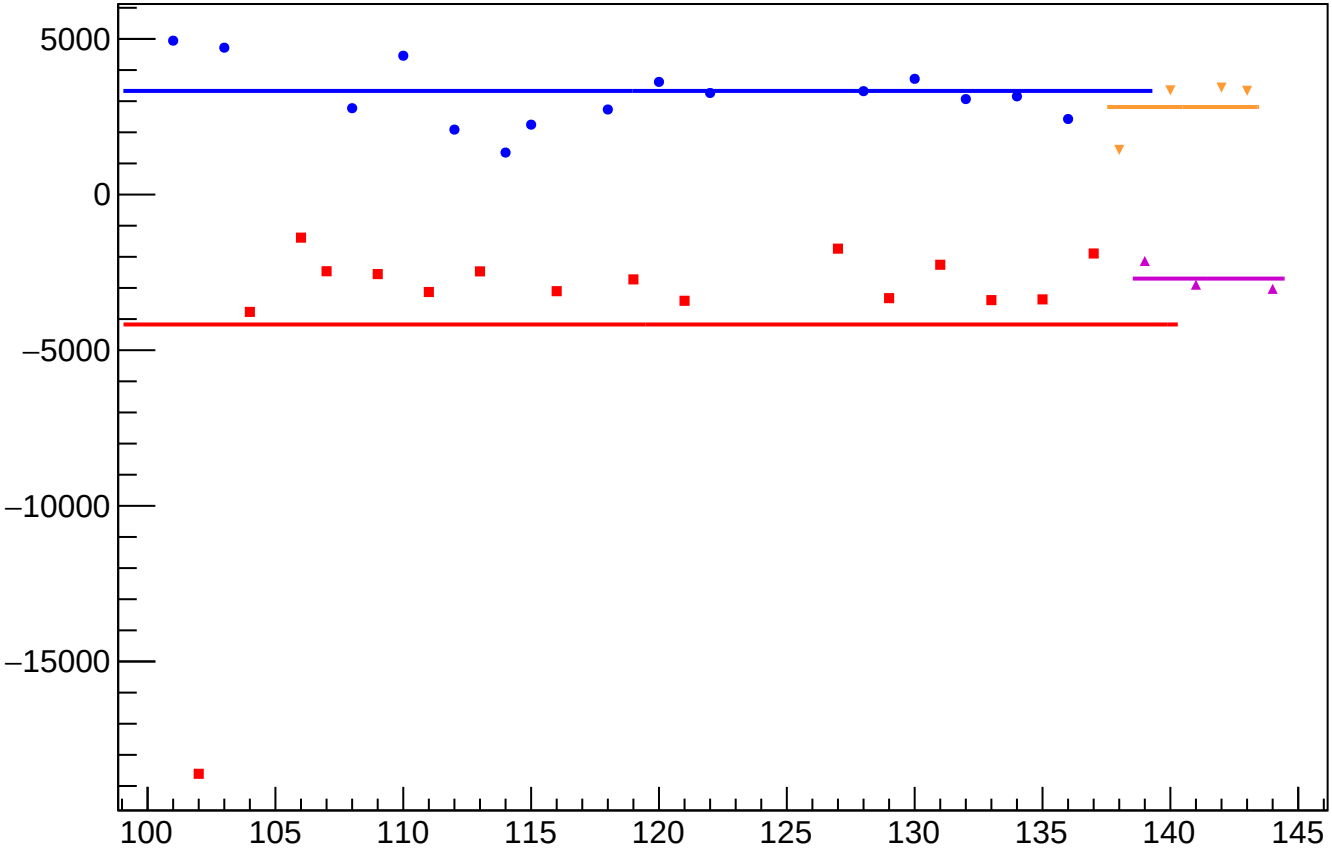
All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -5229.502+/-0.000 χ^2/NDF: 65020702361918
Right In: 121016.482+/-0.000 χ^2/NDF: 35871385640430355498778497598360966817382 4.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 100827.316+/-0.000 χ^2/NDF:102892269965422467105383671872969190146048.0/3
In: 53376.839+/-0.000 χ^2/NDF:109259962961953
Right Out: -120060.693+/-0.000 χ^2/NDF: 82841978234670760144862031001413595273625 6.0/15
Out: -55909.176+/-0.000 χ^2/NDF:1038290283871
Left In: -118772.684+/-0.000 χ^2/NDF:40986851774393973178505578122378169286656.0/2
All: -2332.952+/-0.000 χ^2/NDF: 2681272320

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: 150.508+/-0.000 χ^2/NDF: 4252706844778441

Right In: 3329.488+/-0.000 χ^2/NDF: 5670347743984563762275268245137213358 08.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2812.743+/-0.000 χ^2/NDF:2075460646805960965523439311735121510 40.0/3

In: 1628.791+/-0.000 χ^2/NDF:7260516227028487

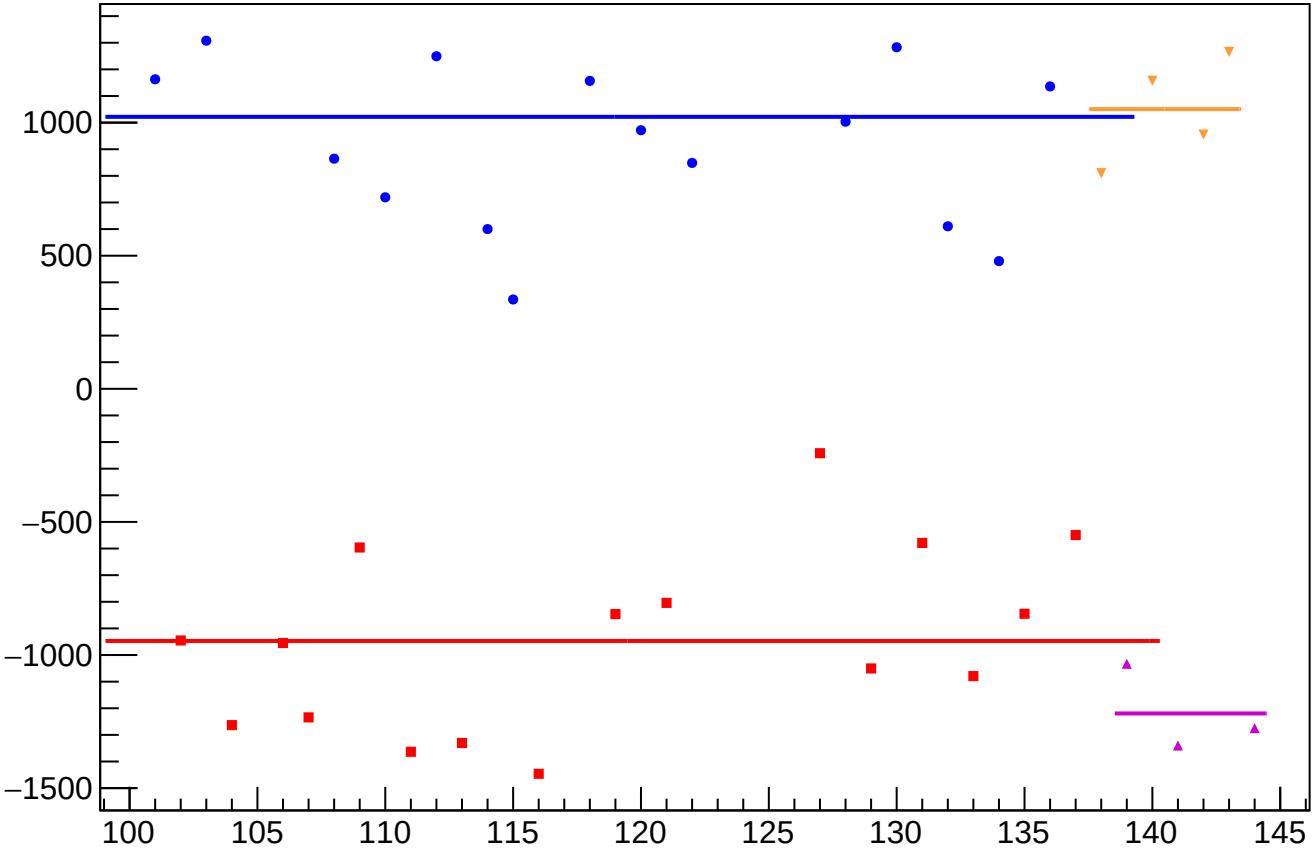
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810 6240.0/15

Out: -2144.470+/-0.000 χ^2/NDF:23160319417030

Left In: -2699.649+/-0.000 χ^2/NDF:3880818343788388882247394975356970 5984.0/2

All: -294.672+/-0.000 χ^2/NDF: 36981818965

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

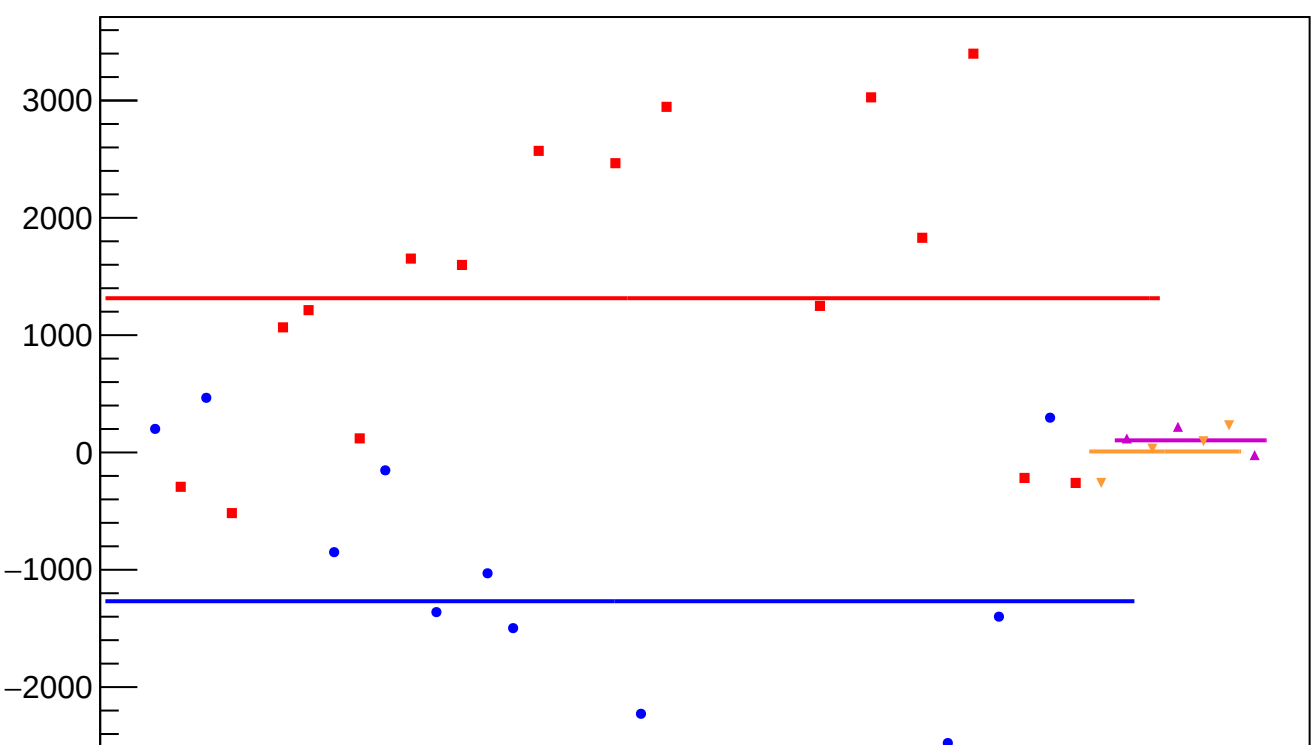
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 54.245+/-0.000 χ^2/NDF: 1307539754127577

Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815

Left Out: 8.471+/-0.000 χ^2/NDF:93290946443747318234305166633462661 12.0/3

In: -881.242+/-0.000 χ^2/NDF:1439103658808649

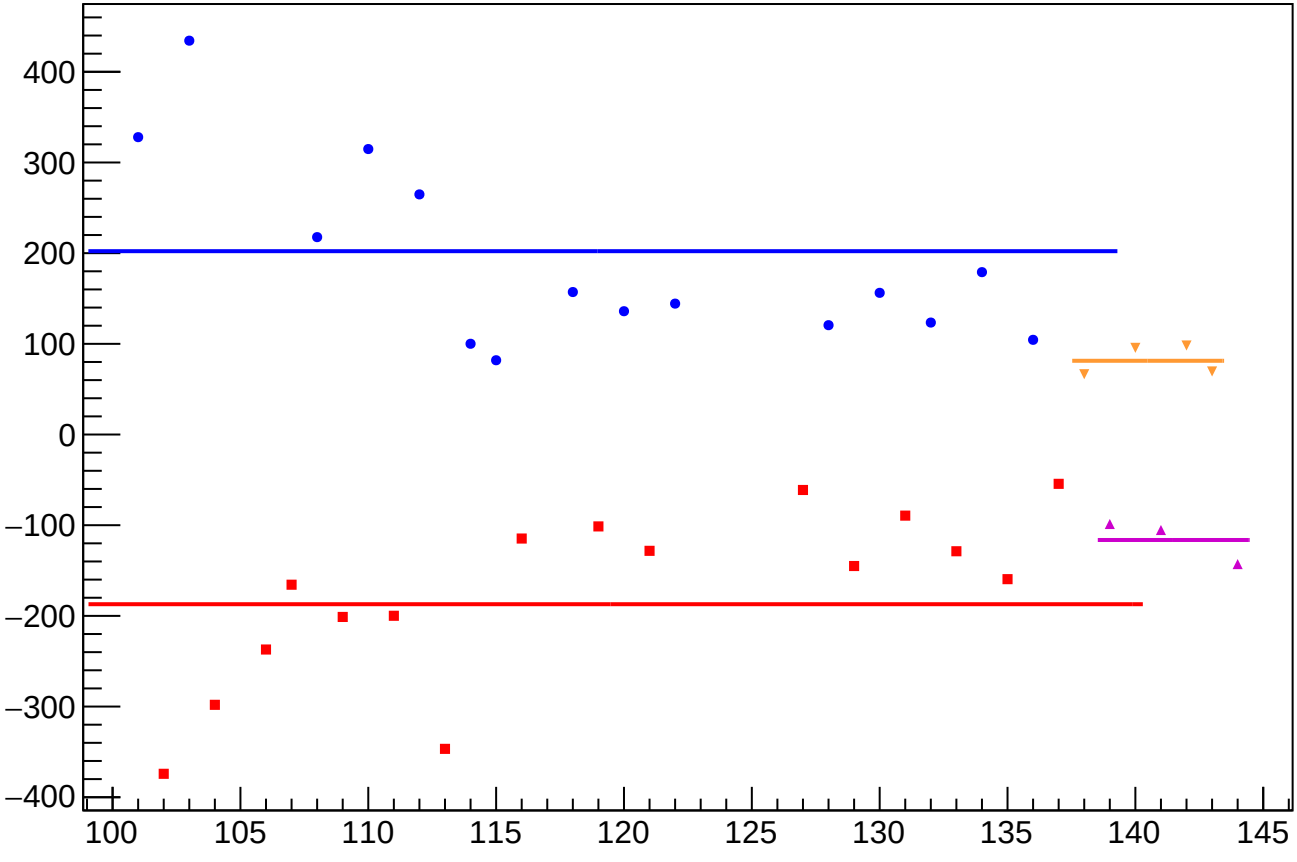
Right Out: 1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

Out: 935.386+/-0.000 χ^2/NDF:1438355899141138

Left In: 103.250+/-0.000 χ^2/NDF:2561919147150950897089349677947551744.0/2

All: 44.805+/-0.000 χ^2/NDF: 439824198464

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -14.123+/-0.000 χ^2/NDF: 5303838239005940

Right In: 202.191+/-0.000 χ^2/NDF: 7027941052752849066369040650615128064.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950

Left Out: 81.320+/-0.000 χ^2/NDF:5619813448167565239502153064015462 4.0/3

In: 112.350+/-0.000 χ^2/NDF:2569660471976192

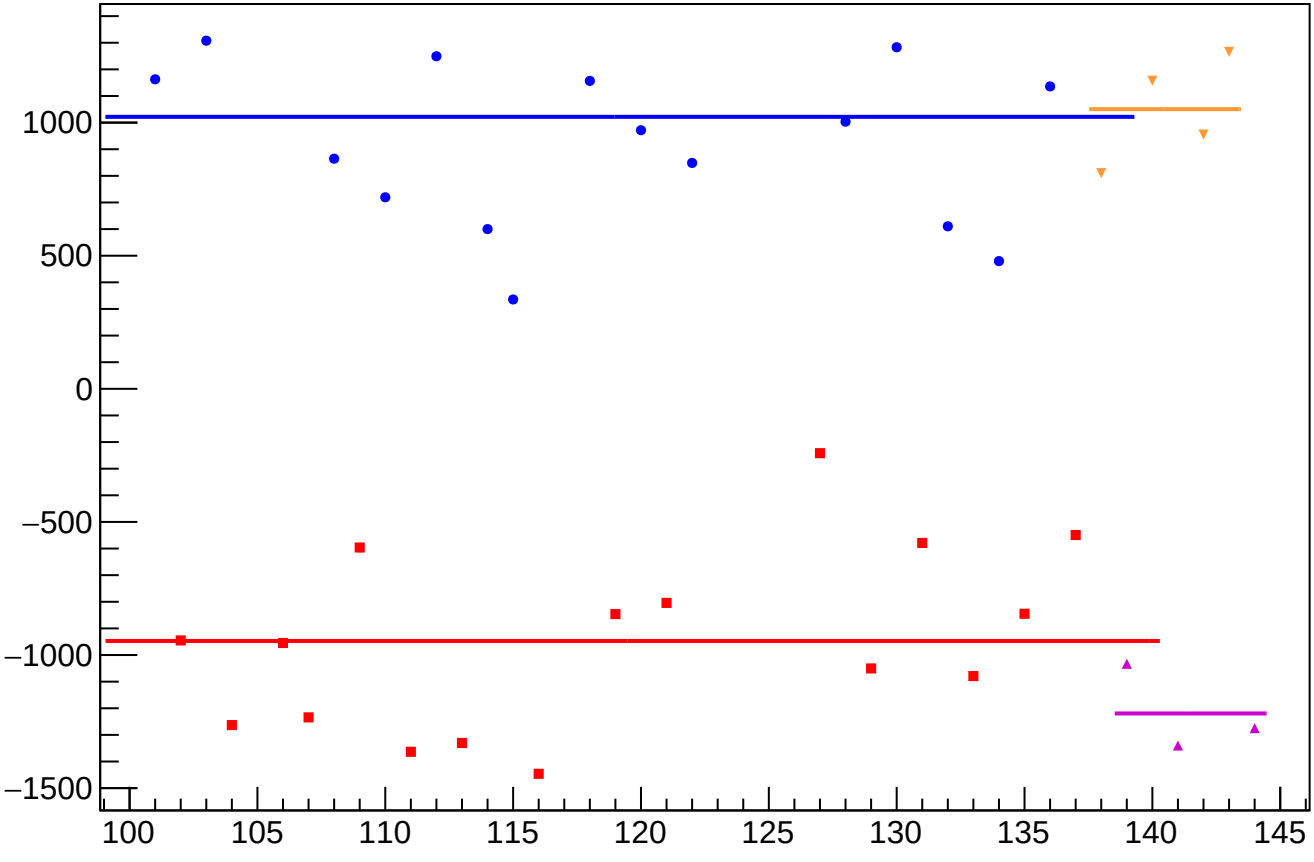
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -109.162+/-0.000 χ^2/NDF:202459001501263

Left In: -116.303+/-0.000 χ^2/NDF:9835418252432415186239111987357286 4.0/2

All: -0.568+/-0.000 χ^2/NDF: 6855408244764

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

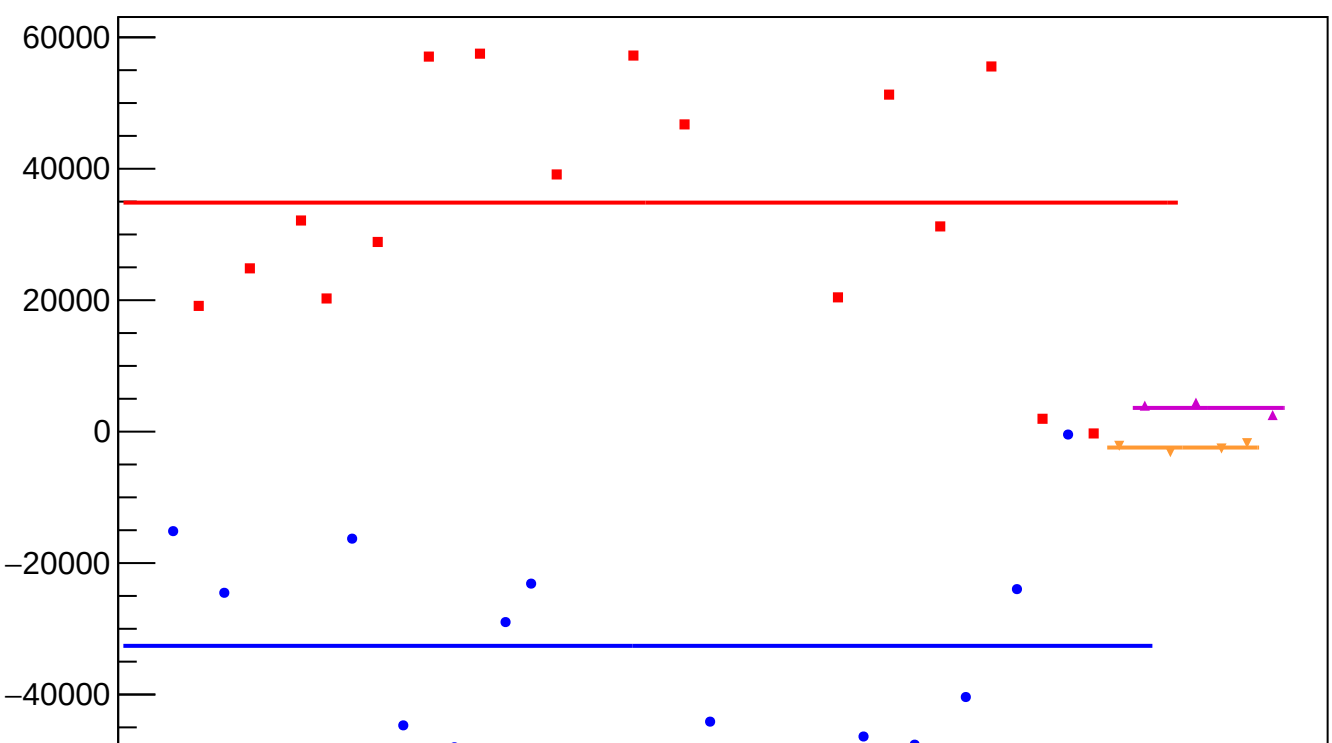
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_sam2_coil7_mean vs Slug, Sign Corrected



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Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14

Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603

Left Out: -2419.815+/-0.000 χ^2/NDF:7704792083239981880871448235409512857 6.0/3

In: -22382.530+/-0.000 χ^2/NDF:44927581622640

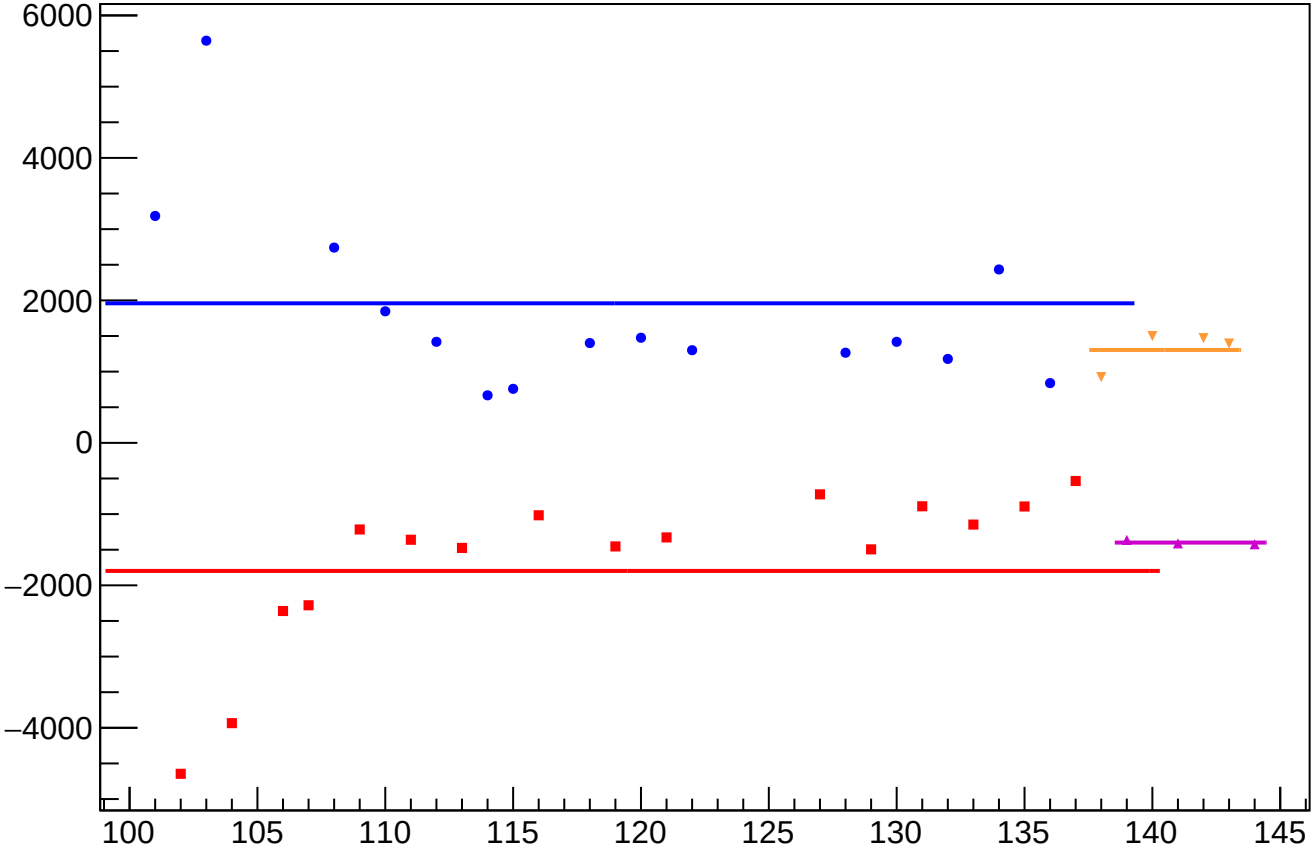
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15

Out: 24024.507+/-0.000 χ^2/NDF:49025262691496

Left In: 3609.110+/-0.000 χ^2/NDF:1696254215126283131401398654341637734 40.0/2

All: 1273.986+/-0.000 χ^2/NDF: 1931965691C

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -1.632+/-0.000 χ^2/NDF: 98039591412456113

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1304.247+/-0.000 χ^2/NDF:1625258323993665924230922753787140505 6.0/3

In: 1011.463+/-0.000 χ^2/NDF:3254468845305633

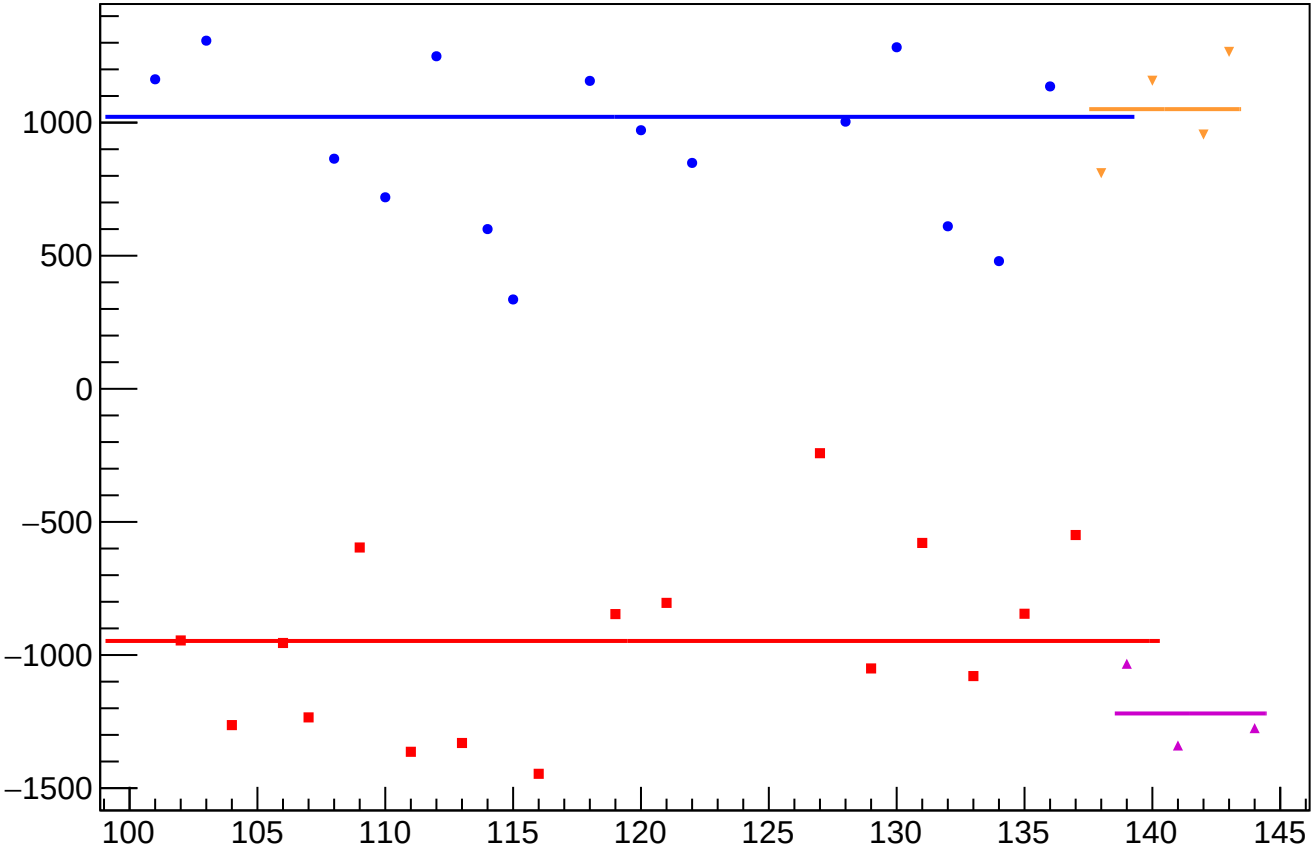
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -896.597+/-0.000 χ^2/NDF:283490815029880

Left In: -1399.691+/-0.000 χ^2/NDF:1761244655663875123009123808004014 08.0/2

All: 38.808+/-0.000 χ^2/NDF: 7767096483418

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

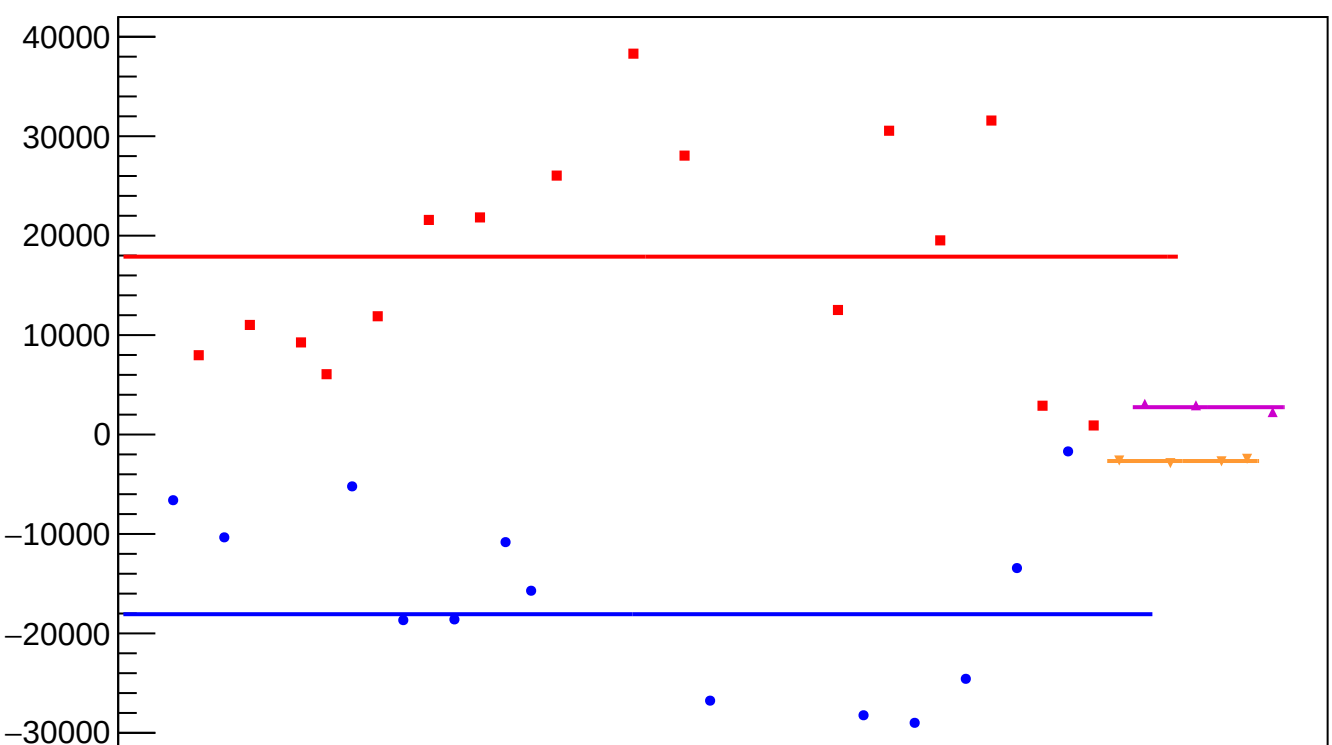
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: -48.797+/-0.000 χ^2/NDF: 3904974222105742

Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14

Right: 155.704+/-0.000 χ^2/NDF: 587997392225656

Left Out: -2663.175+/-0.000 χ^2/NDF:735270131748316463290527666605444300 8.0/3

In: -12196.025+/-0.000 χ^2/NDF:16369173615922

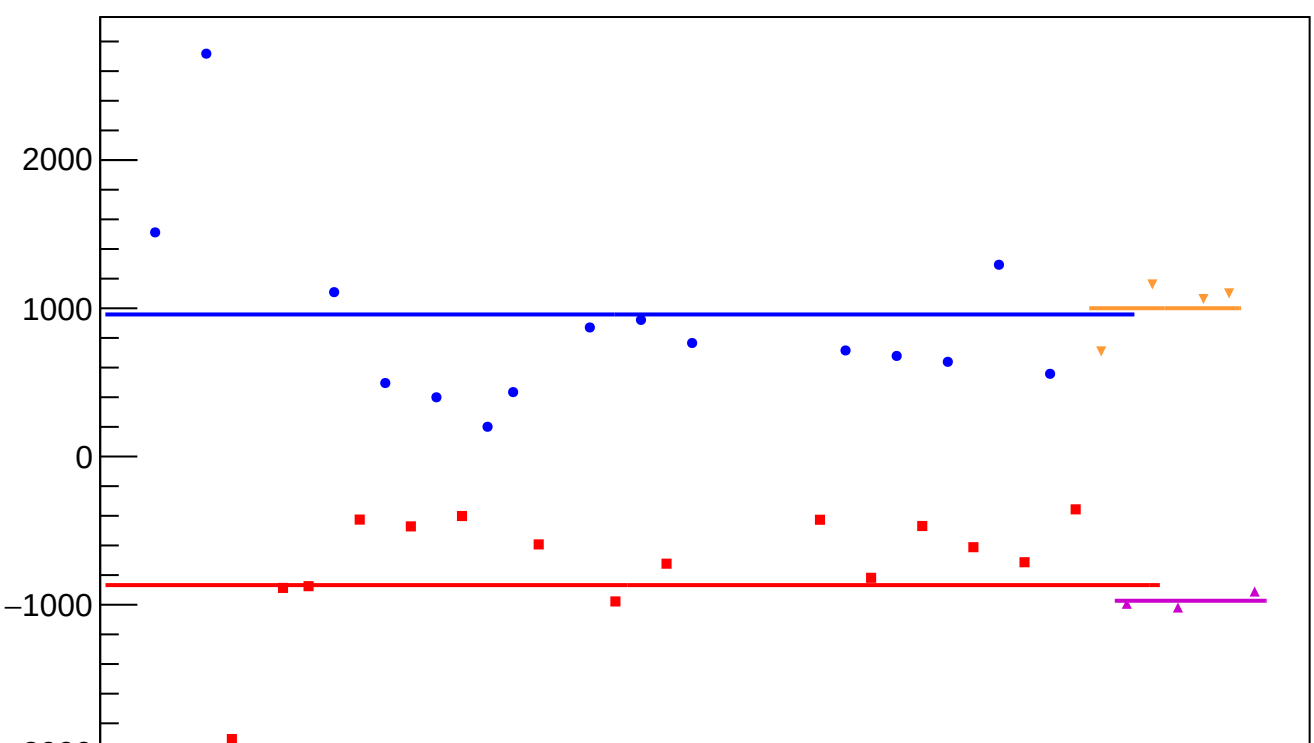
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301580 8.0/15

Out: 11919.520+/-0.000 χ^2/NDF:16022964504184

Left In: 2750.126+/-0.000 χ^2/NDF:3401062491518367650006328959820837683 2.0/2

All: 97.148+/-0.000 χ^2/NDF: 5919181250422

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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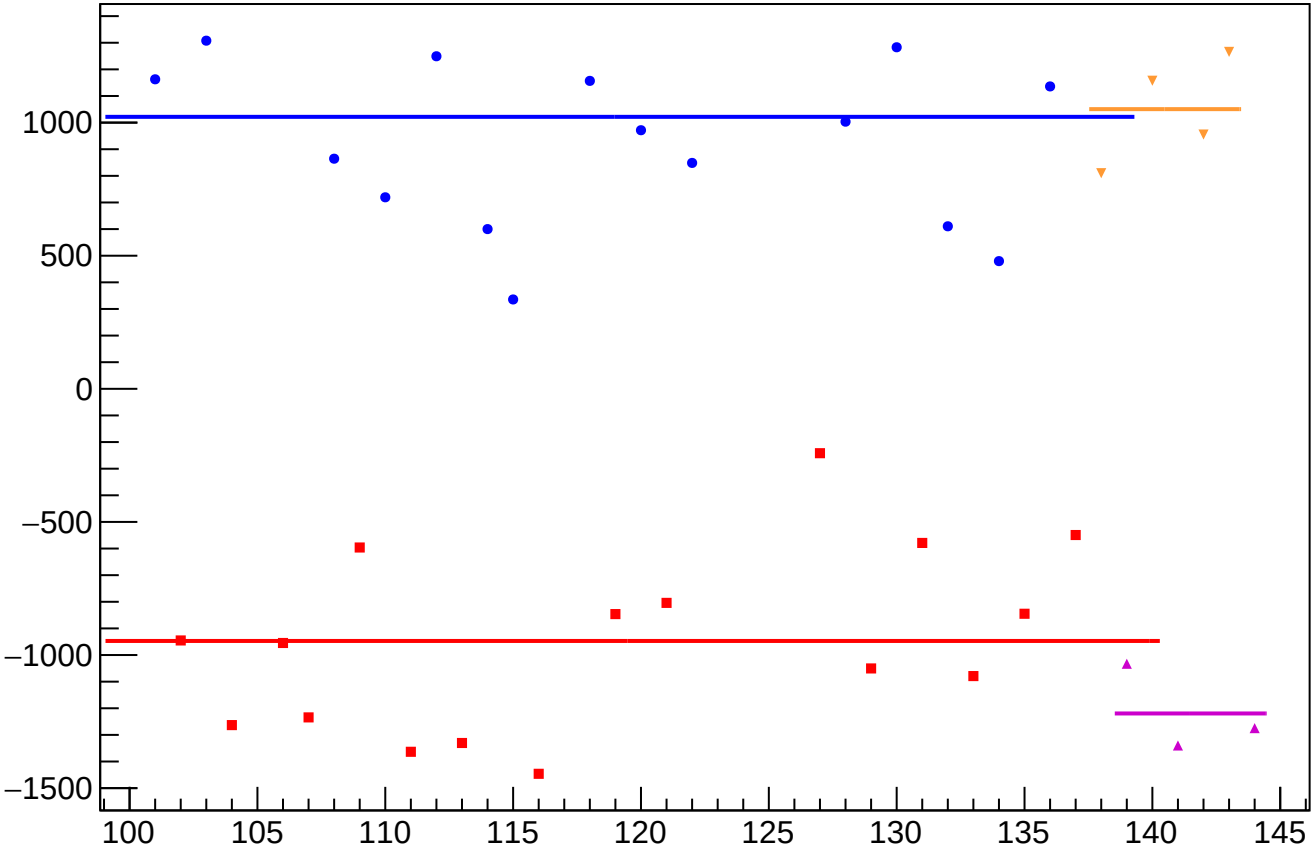
Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14
Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451
Left Out: 1000.467+/-0.000 χ^2/NDF:9578666900922242118254882877465427968.0/3
In: 413.562+/-0.000 χ^2/NDF:9482928840748257 4
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15
Out: -325.021+/-0.000 χ^2/NDF:901661497590605
Left In: -973.130+/-0.000 χ^2/NDF:5542182305326852192181521160360427 52.0/2
All: 37.061+/-0.000 χ^2/NDF: 2101336655491

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

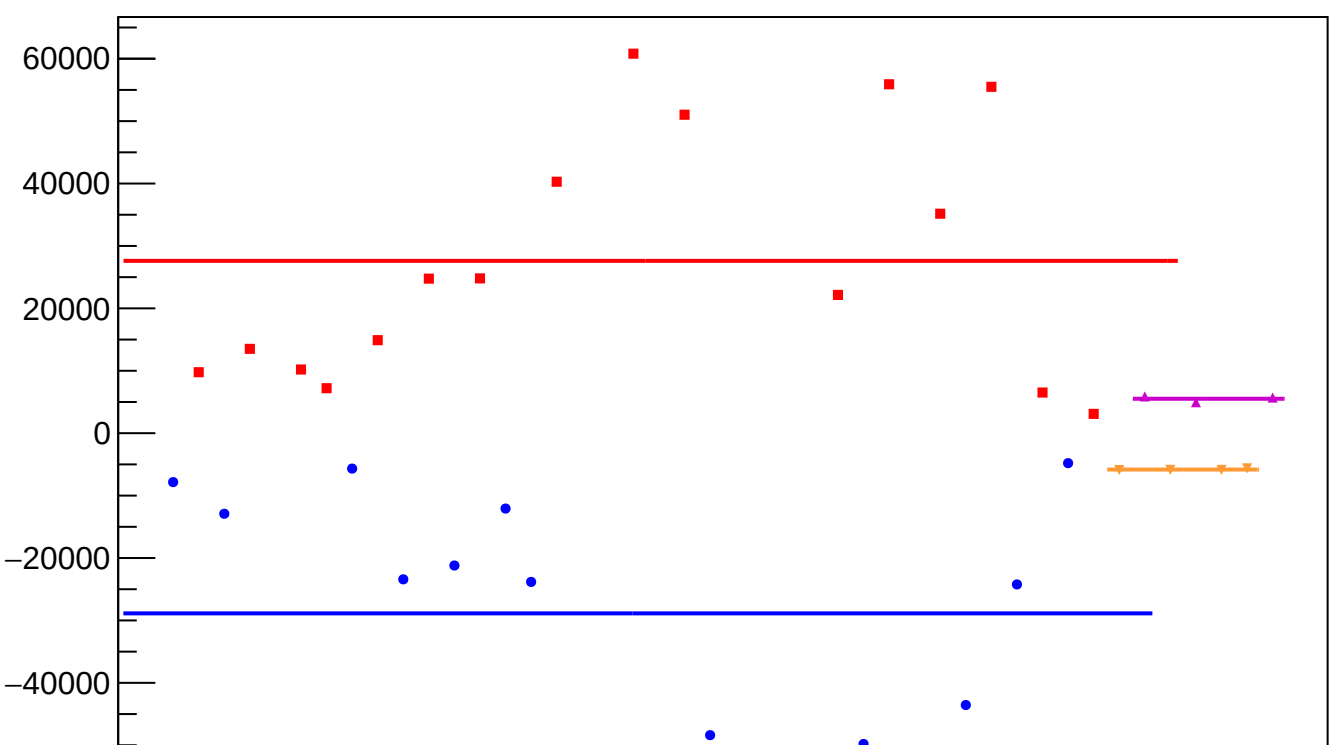
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: -346.547+/-0.000 χ^2/NDF: 170060007583320

Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

Right: -242.630+/-0.000 χ^2/NDF: 15588395560755

Left Out: -5824.311+/-0.000 χ^2/NDF:3274231708799227813583623667377504256.0/3

In: -19168.890+/-0.000 χ^2/NDF:47795939906558

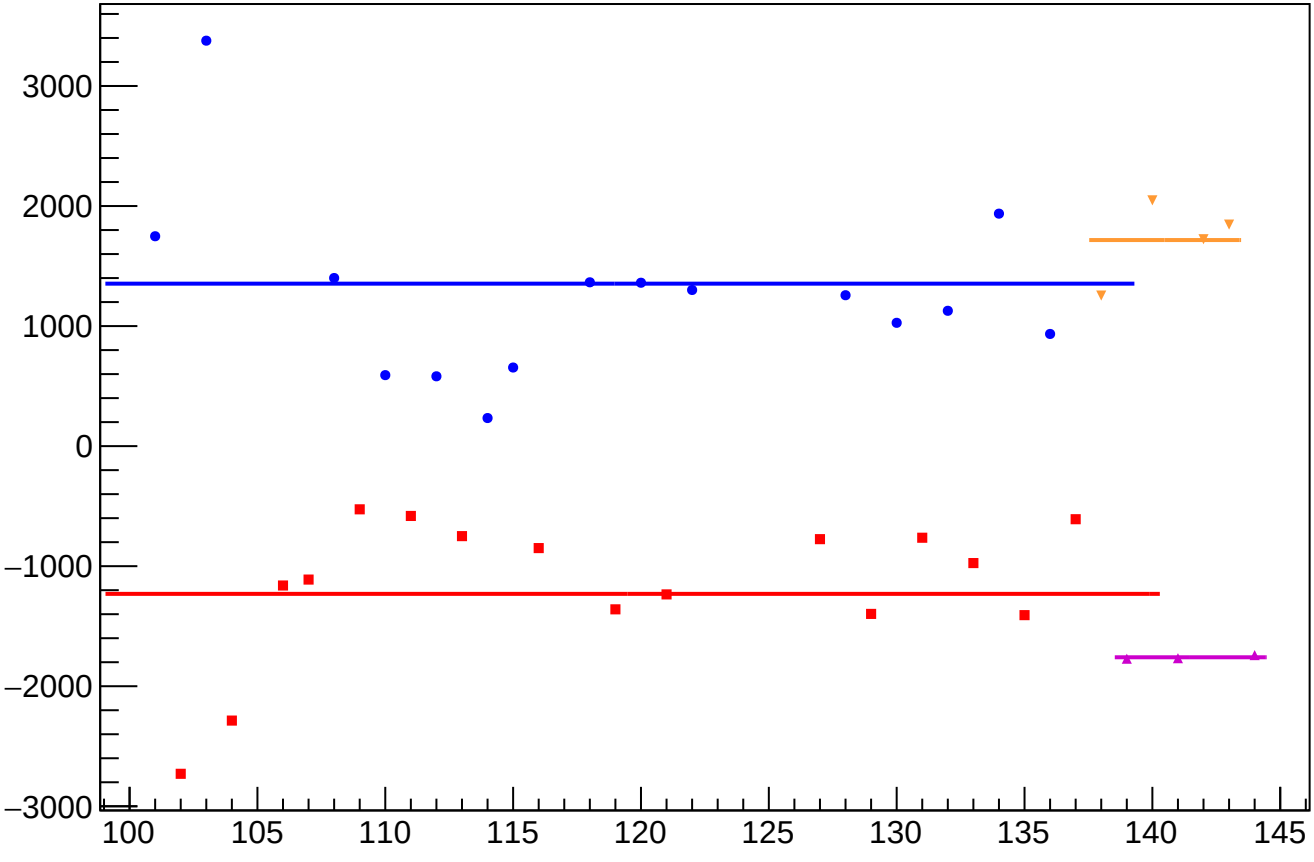
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

Out: 17900.424+/-0.000 χ^2/NDF:46465585174933

Left In: 5517.882+/-0.000 χ^2/NDF:4127813885405818965540629103178573414 4.0/2

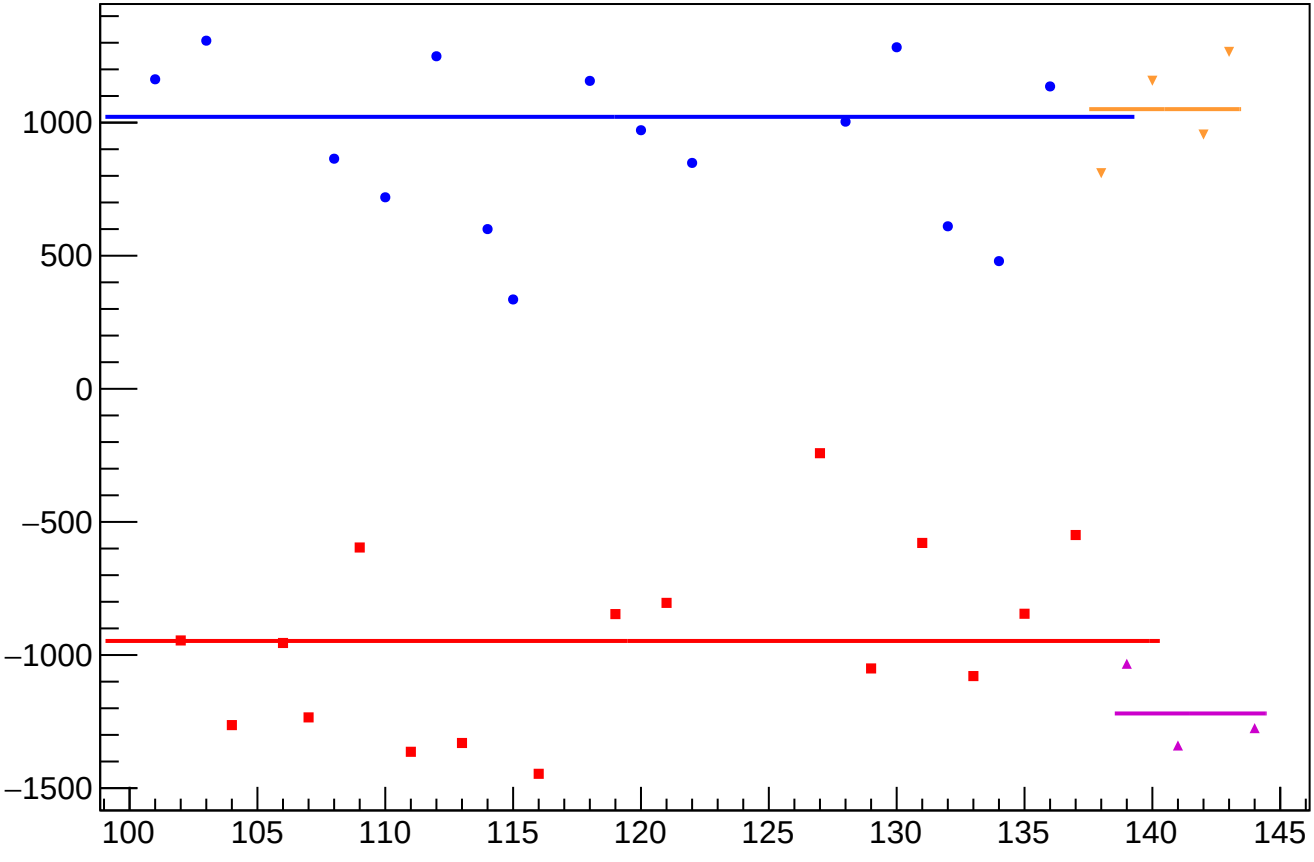
All: -272.385+/-0.000 χ^2/NDF: 15758496259

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: 38.130+/-0.000 χ^2/NDF: 1619436232179312
Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14
Right: 43.718+/-0.000 χ^2/NDF: 282629572114396
Left Out: 1716.663+/-0.000 χ^2/NDF:267553302217600402888714144794961510 40.0/3
In: 475.496+/-0.000 χ^2/NDF:212622299861639
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15
Out: -374.663+/-0.000 χ^2/NDF:198645060242193
Left In: -1758.888+/-0.000 χ^2/NDF:4568864166789374582295148050461491 2.0/2
All: 42.118+/-0.000 χ^2/NDF: 444574371947

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

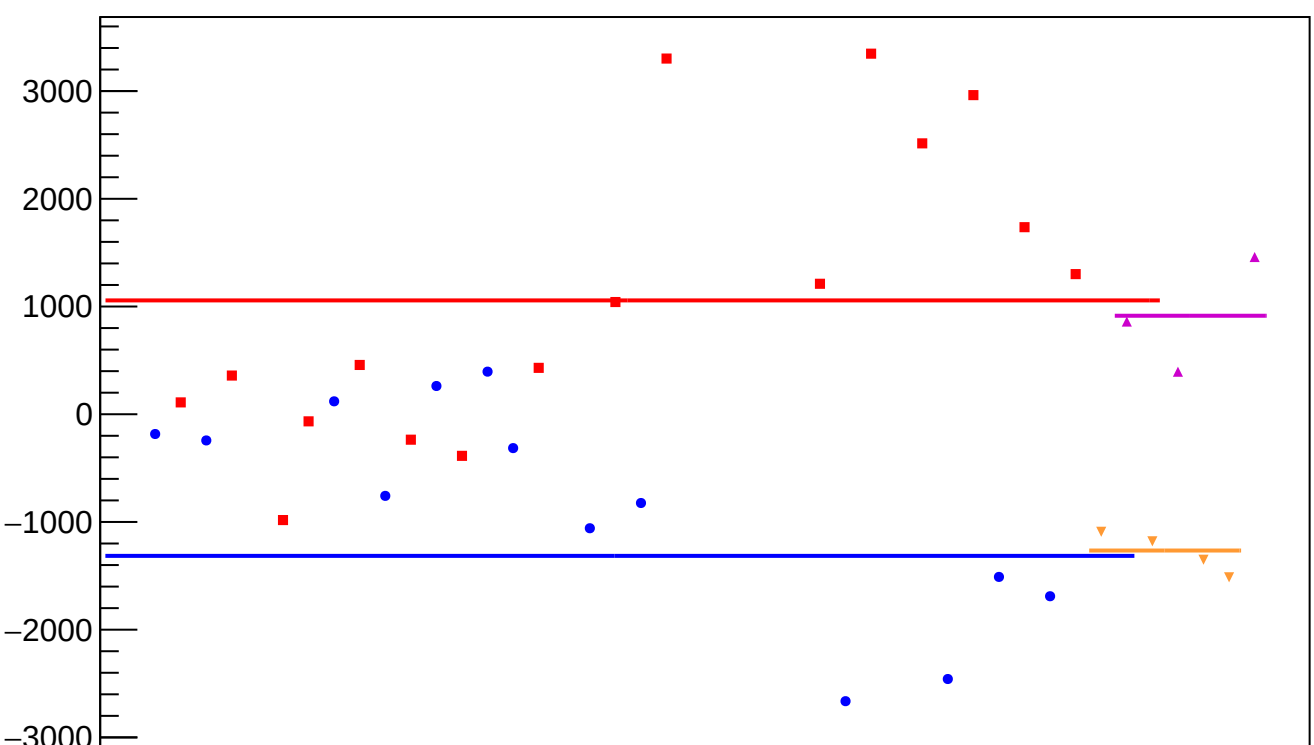
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -212.539+/-0.000 χ^2/NDF: 683366027759977

Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14

Right: -112.789+/-0.000 χ^2/NDF: 39432514405702

Left Out: -1265.134+/-0.000 χ^2/NDF:74409589815706963379703012233744220 16.0/3

In: -685.987+/-0.000 χ^2/NDF:1925396331662172

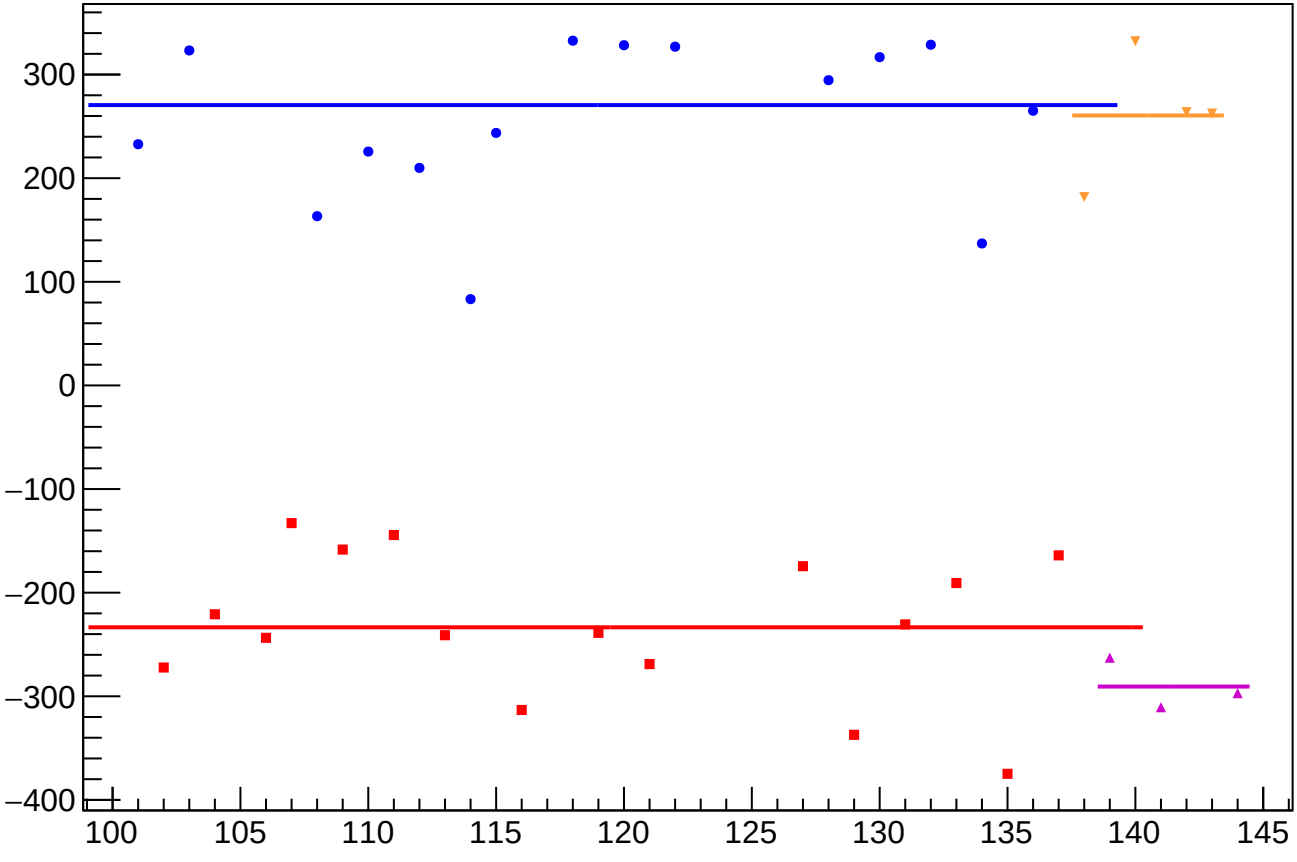
Right Out: 1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15

Out: 382.426+/-0.000 χ^2/NDF:2178936032735104

Left In: 914.357+/-0.000 χ^2/NDF:496297766245619758359751068469826682 88.0/2

All: -141.351+/-0.000 χ^2/NDF: 46303667817

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -5.666+/-0.000 χ^2/NDF: 41052270929039946

Right In: 270.538+/-0.000 χ^2/NDF: 247383990534795032390784840517025792 0.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 260.500+/-0.000 χ^2/NDF:905340145741554246727262482680774656.0/3

In: 112.246+/-0.000 χ^2/NDF:6022292032268379

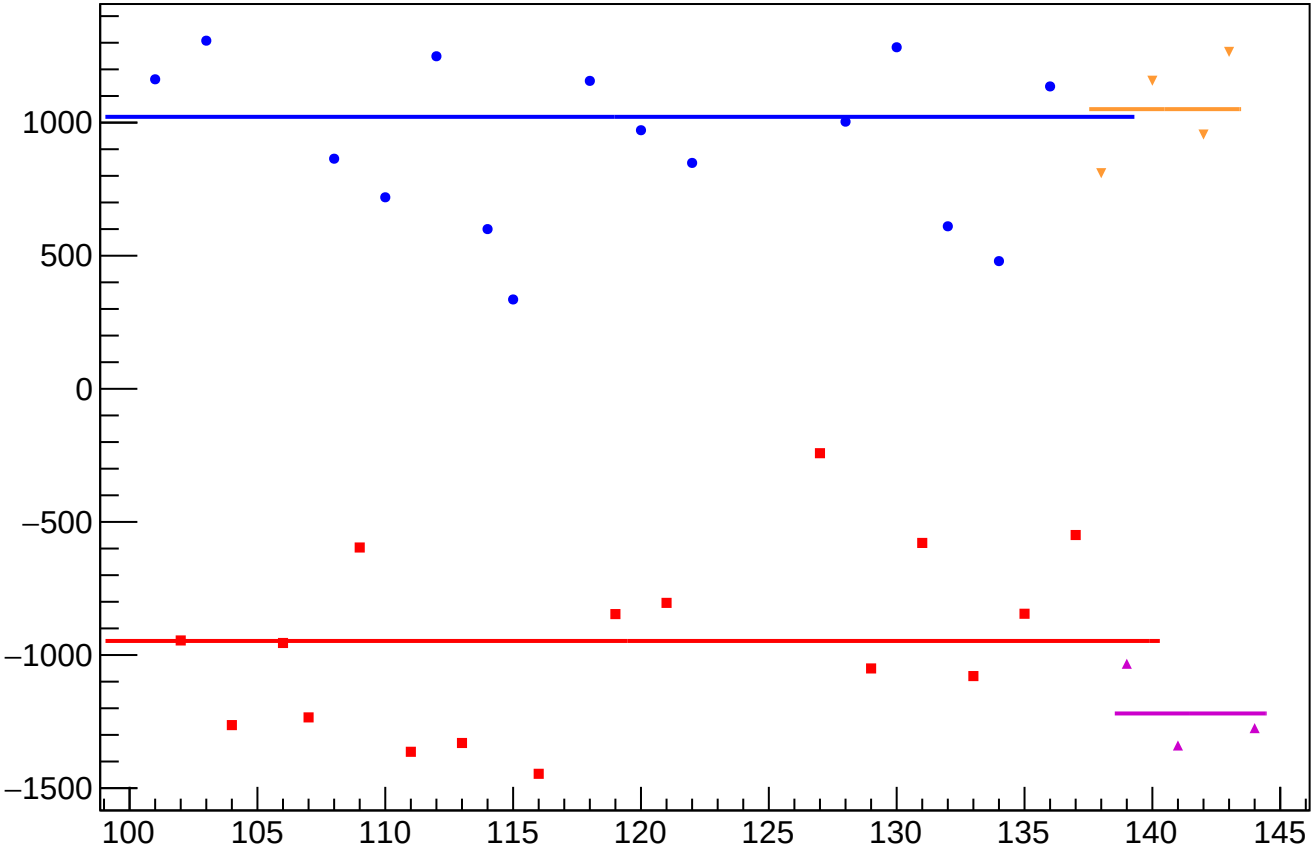
Right Out: -233.421+/-0.000 χ^2/NDF: 304852908731788861506401024774399590 4.0/15

Out: -89.974+/-0.000 χ^2/NDF:5121196506027096

Left In: -290.621+/-0.000 χ^2/NDF:100520065131677805448864638103977984.0/2

All: 9.163+/-0.000 χ^2/NDF: 13027934503327

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

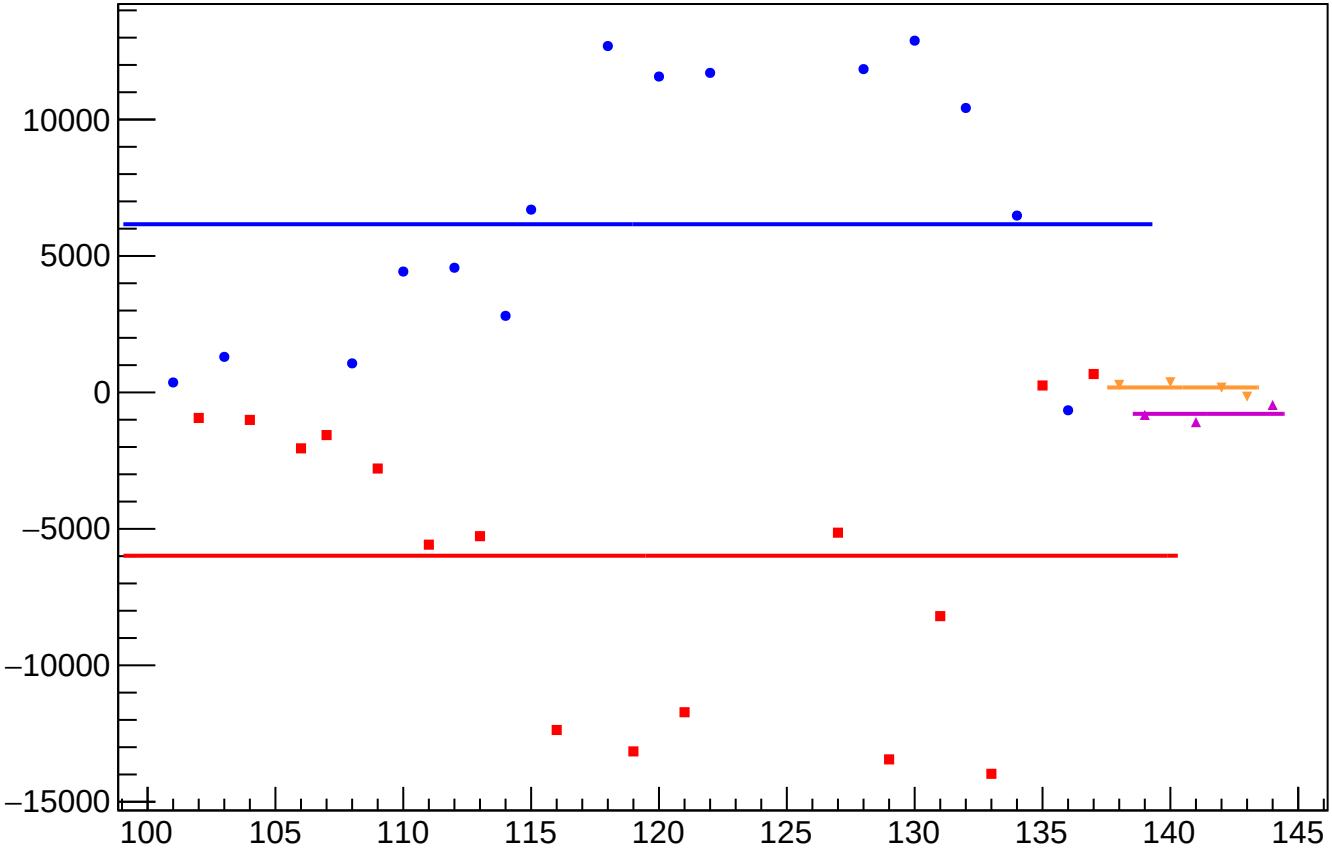
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -285.064+/-0.000 χ^2/NDF: 151886806437645

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 84243130977336022

Left Out: 181.808+/-0.000 χ^2/NDF:11319414114209206968075402706367283200.0/3

In: 4203.461+/-0.000 χ^2/NDF:270564667442102

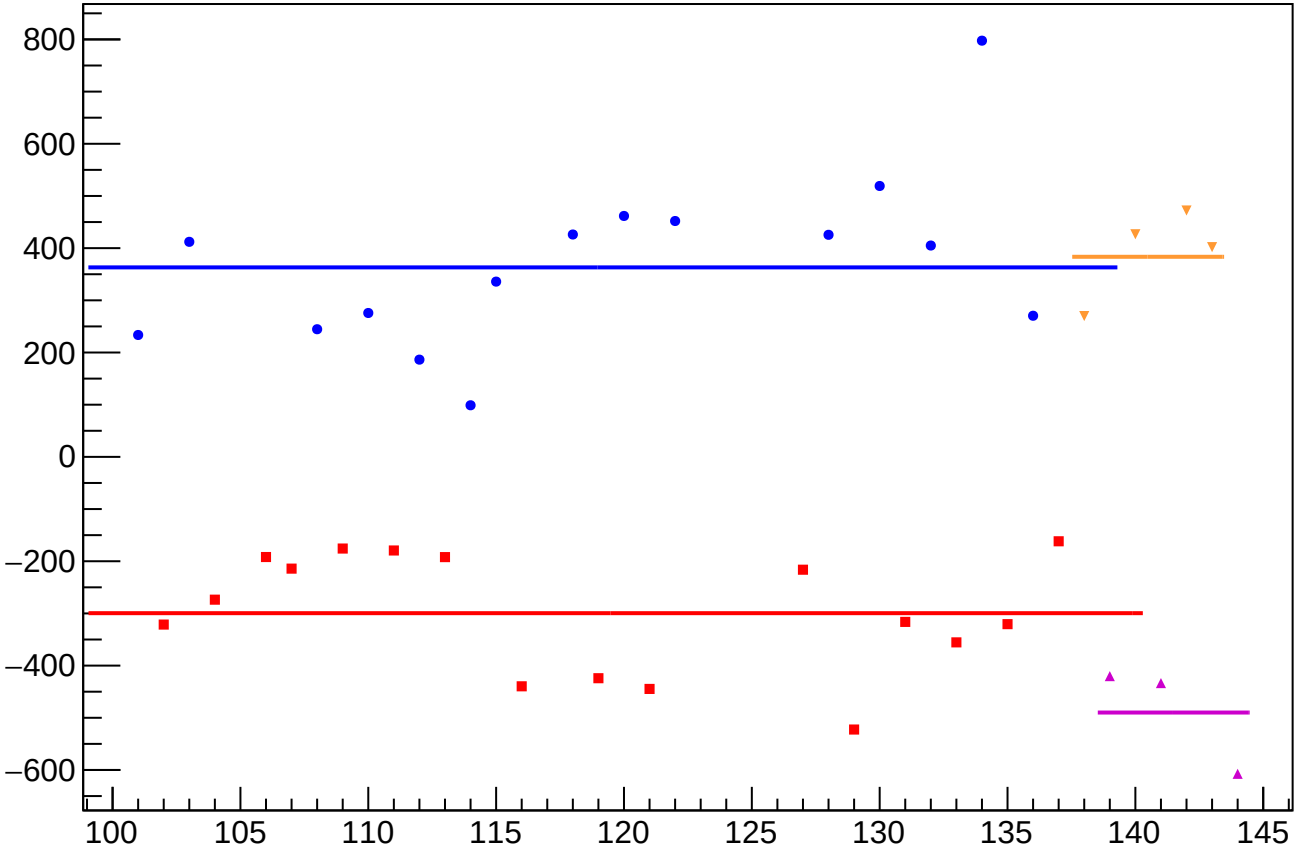
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -4193.204+/-0.000 χ^2/NDF:24880680011107

Left In: -784.890+/-0.000 χ^2/NDF:17356094199583326668571977769463840768.0/2

All: -76.835+/-0.000 χ^2/NDF: 844270967681

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -38.360+/-0.000 χ^2/NDF: 1040059699835512

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 383.440+/-0.000 χ^2/NDF:1543868159299205870929864799259983872.0/3

In: 122.500+/-0.000 χ^2/NDF:1466187649782339 7

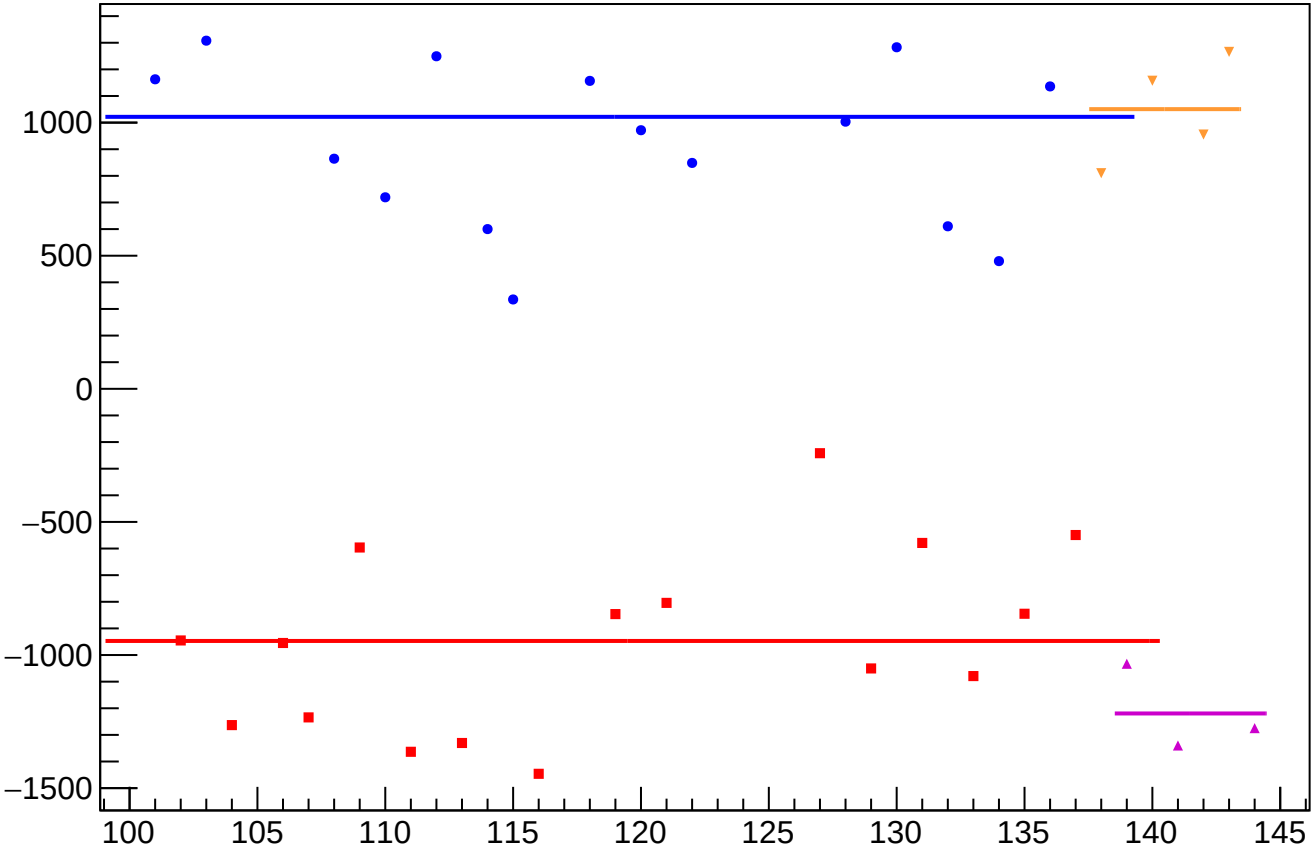
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: -101.167+/-0.000 χ^2/NDF:995827735885860

Left In: -489.934+/-0.000 χ^2/NDF:1891746846547732499821499588498423808.0/2

All: 8.483+/-0.000 χ^2/NDF: 2692552067118 3

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

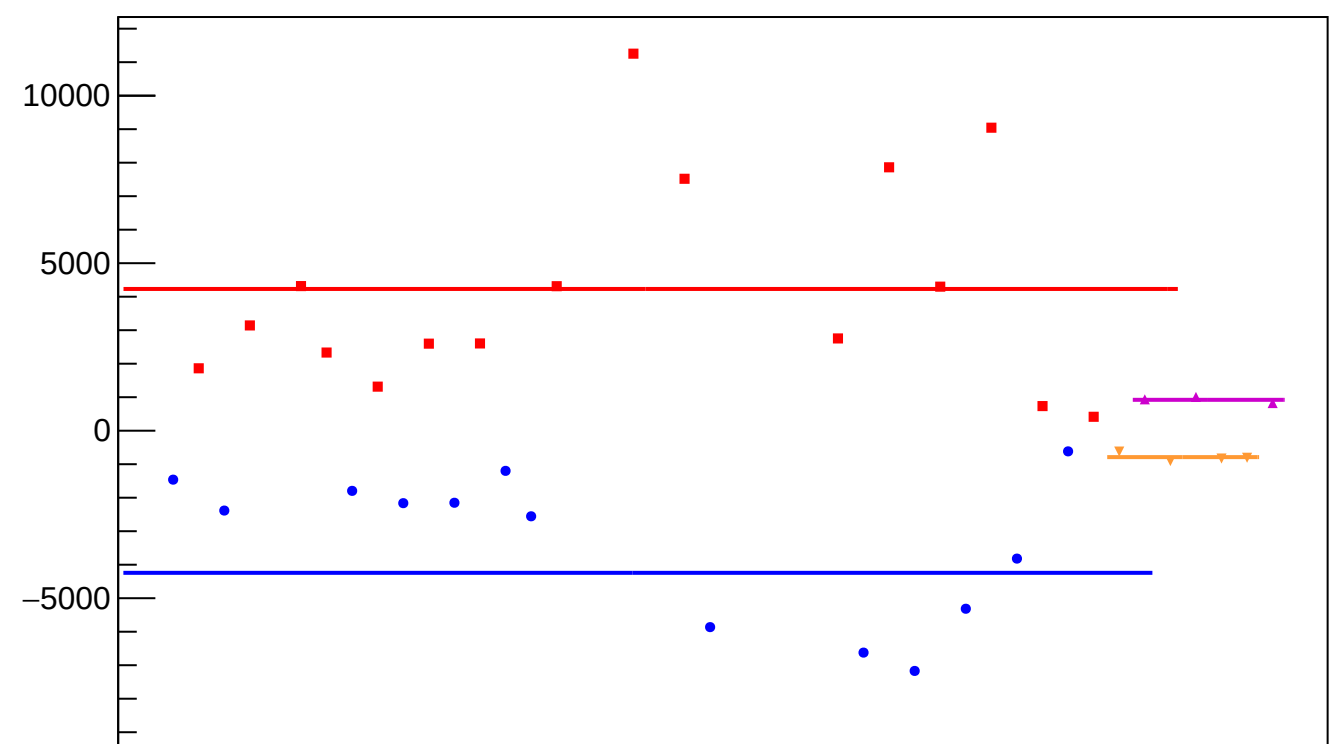
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

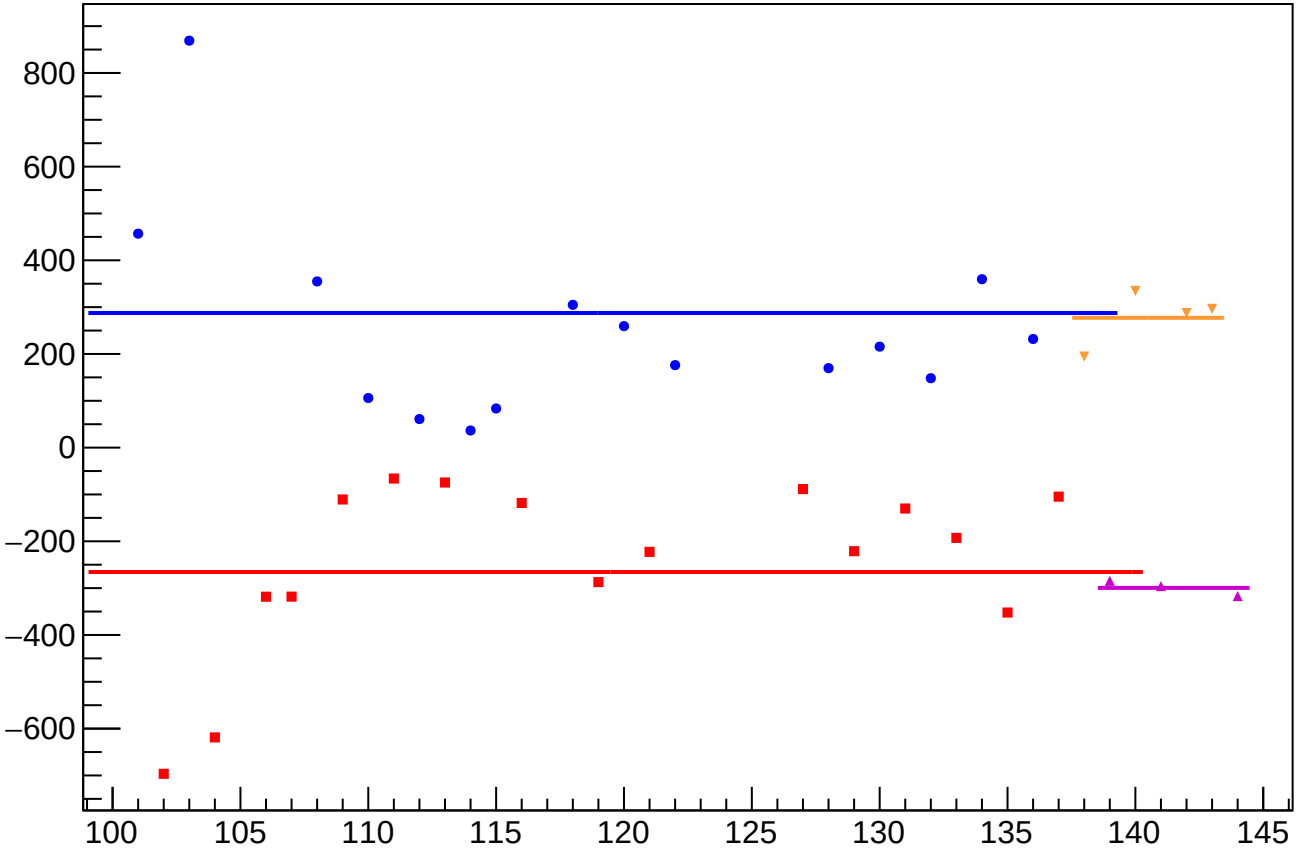
All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 37.598+/-0.000 χ^2/NDF: 3905172079165901
Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228
Left Out: -788.389+/-0.000 χ^2/NDF:337200907739646100008978592634922598 4.0/3
In: -2785.497+/-0.000 χ^2/NDF:116669799964577
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
Out: 2773.226+/-0.000 χ^2/NDF:115662160210804
Left In: 921.889+/-0.000 χ^2/NDF:148742192373887505990430799546233651 2.0/2
All: 48.125+/-0.000 χ^2/NDF: 3747239183470

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -1.308+/-0.000 χ^2/NDF: 44728736119430541

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 277.204+/-0.000 χ^2/NDF:8341235160764767536685802696673853 44.0/3

In: 121.896+/-0.000 χ^2/NDF:9263131334801226 5

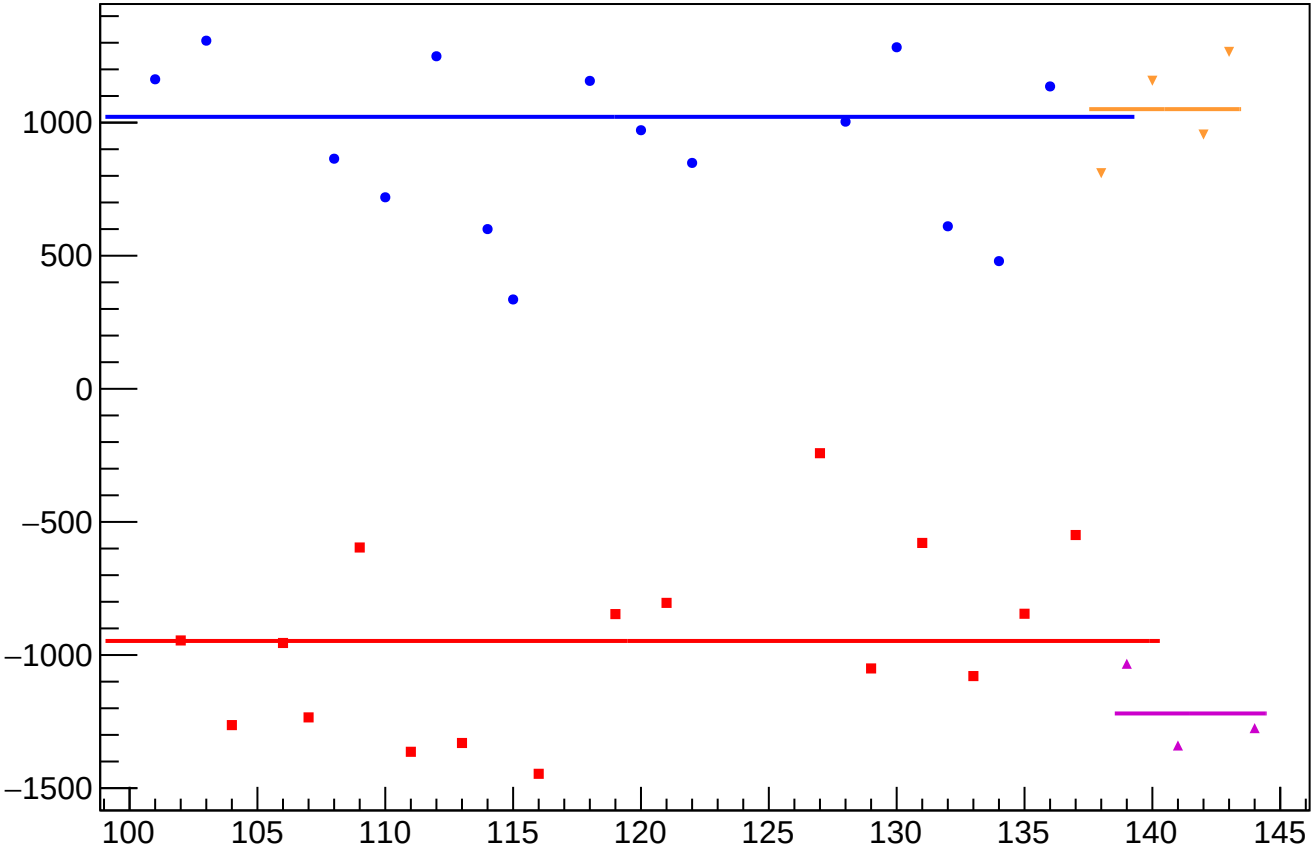
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: -107.951+/-0.000 χ^2/NDF:837509948797259

Left In: -299.480+/-0.000 χ^2/NDF:4712472284418306635506059381099724 8.0/2

All: 4.729+/-0.000 χ^2/NDF: 20072741636450

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

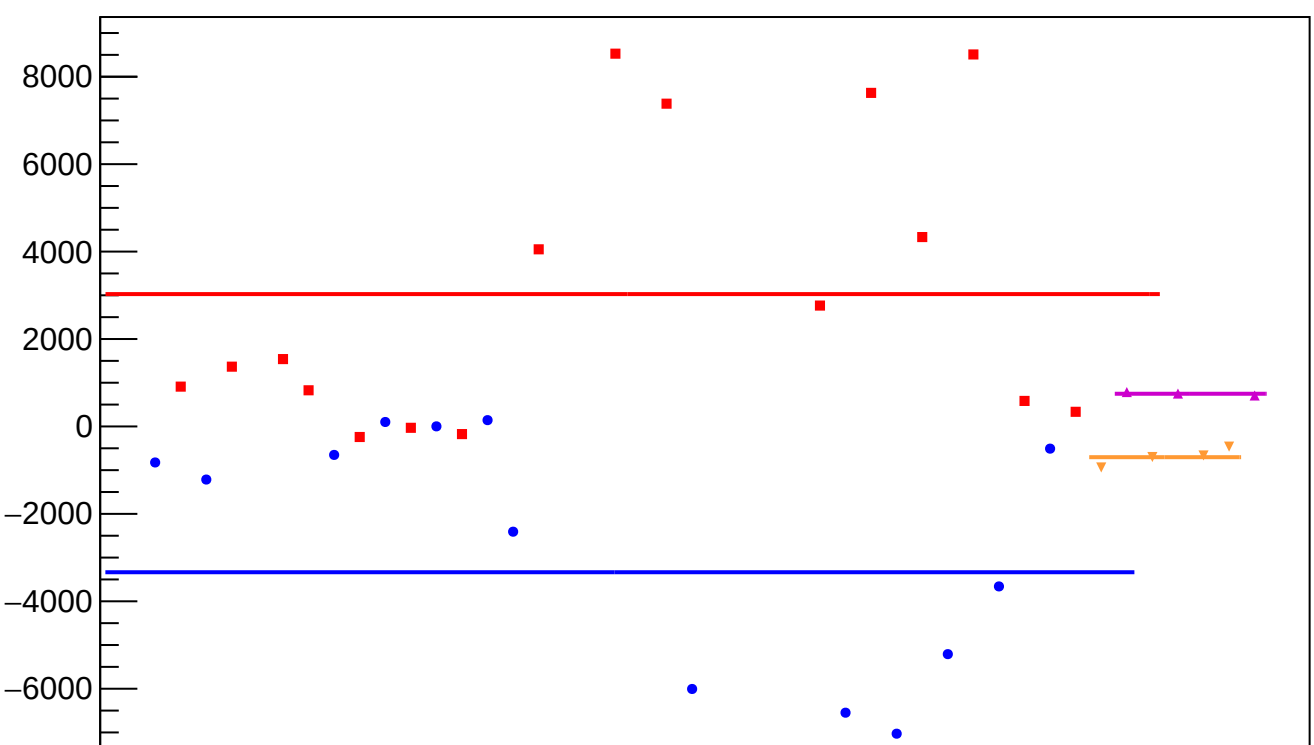
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: -2.473+/-0.000 χ^2/NDF: 28615316469546901

Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14

Right: -110.320+/-0.000 χ^2/NDF: 26741707536001

Left Out: -703.250+/-0.000 χ^2/NDF:82890772264988092024451589039319941 12.0/3

In: -2183.529+/-0.000 χ^2/NDF:939035307478296

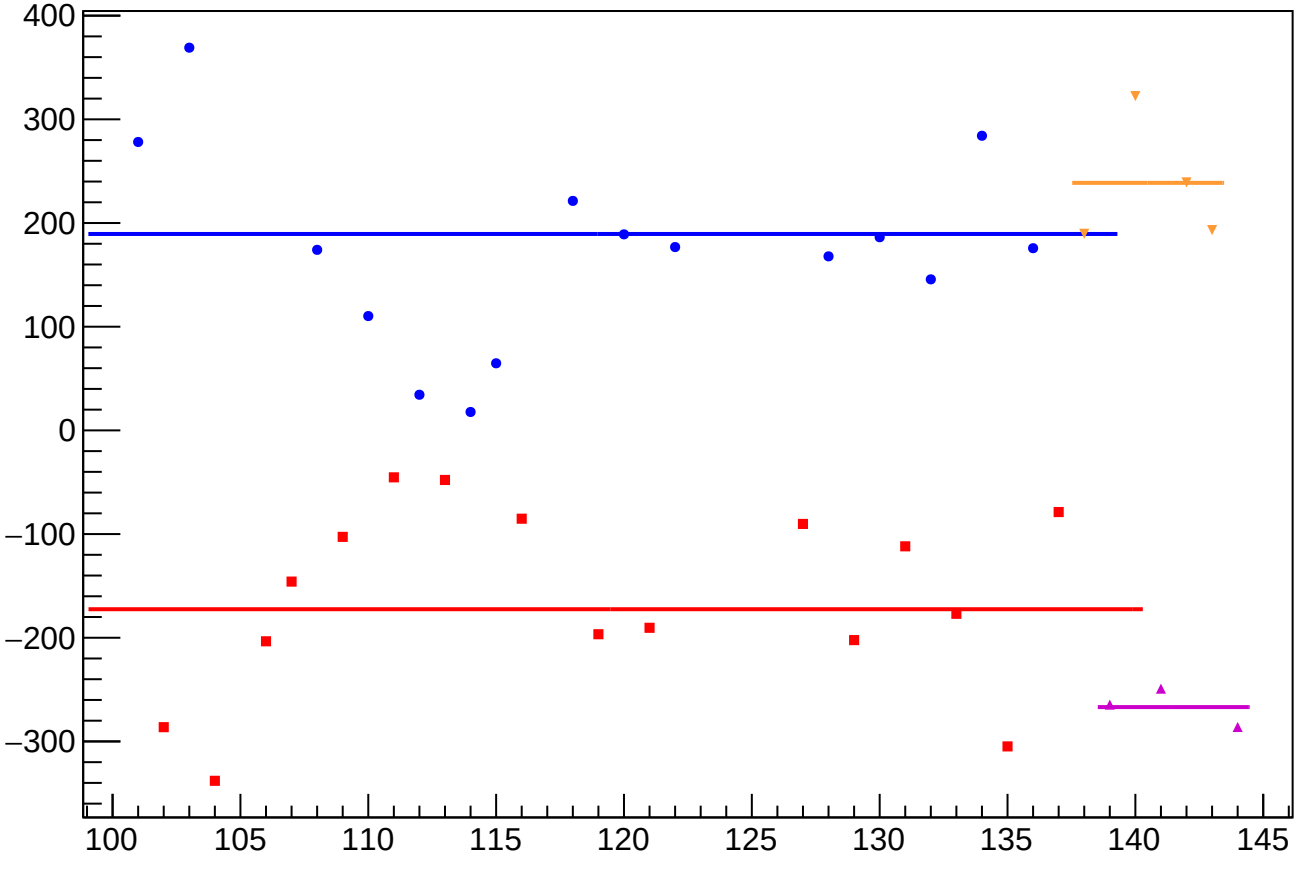
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15

Out: 1944.068+/-0.000 χ^2/NDF:979080062126269

Left In: 747.771+/-0.000 χ^2/NDF:2659094285971739534309694001601576 96.0/2

All: -79.439+/-0.000 χ^2/NDF: 270322434161

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -5.446+/-0.000 χ^2/NDF: 34667980349766287

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 53389896429660457

Left Out: 238.744+/-0.000 χ^2/NDF:9012408085627230705587776795631943 68.0/3

In: 60.724+/-0.000 χ^2/NDF:42886888820666922

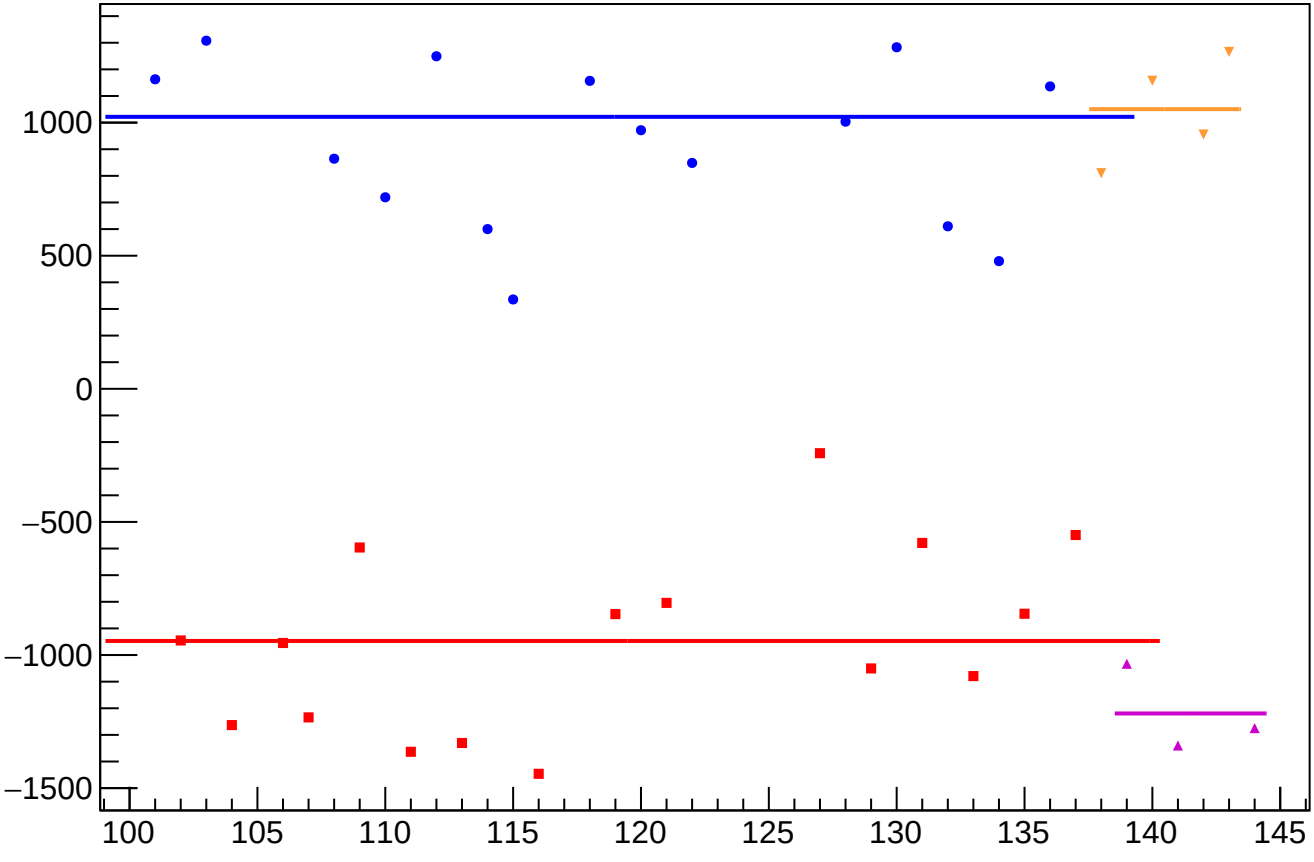
Right Out: -172.485+/-0.000 χ^2/NDF: 55948134089967282619387114704045 34272.0/15

Out: -53.053+/-0.000 χ^2/NDF:3925487783462556

Left In: -266.874+/-0.000 χ^2/NDF:60126714615945865723332606140874752.0/2

All: 2.725+/-0.000 χ^2/NDF: 88107275541551

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -45.758+/-0.000 χ^2/NDF: 6927583656634168

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

In: 389.488+/-0.000 χ^2/NDF:9643721053107421 7

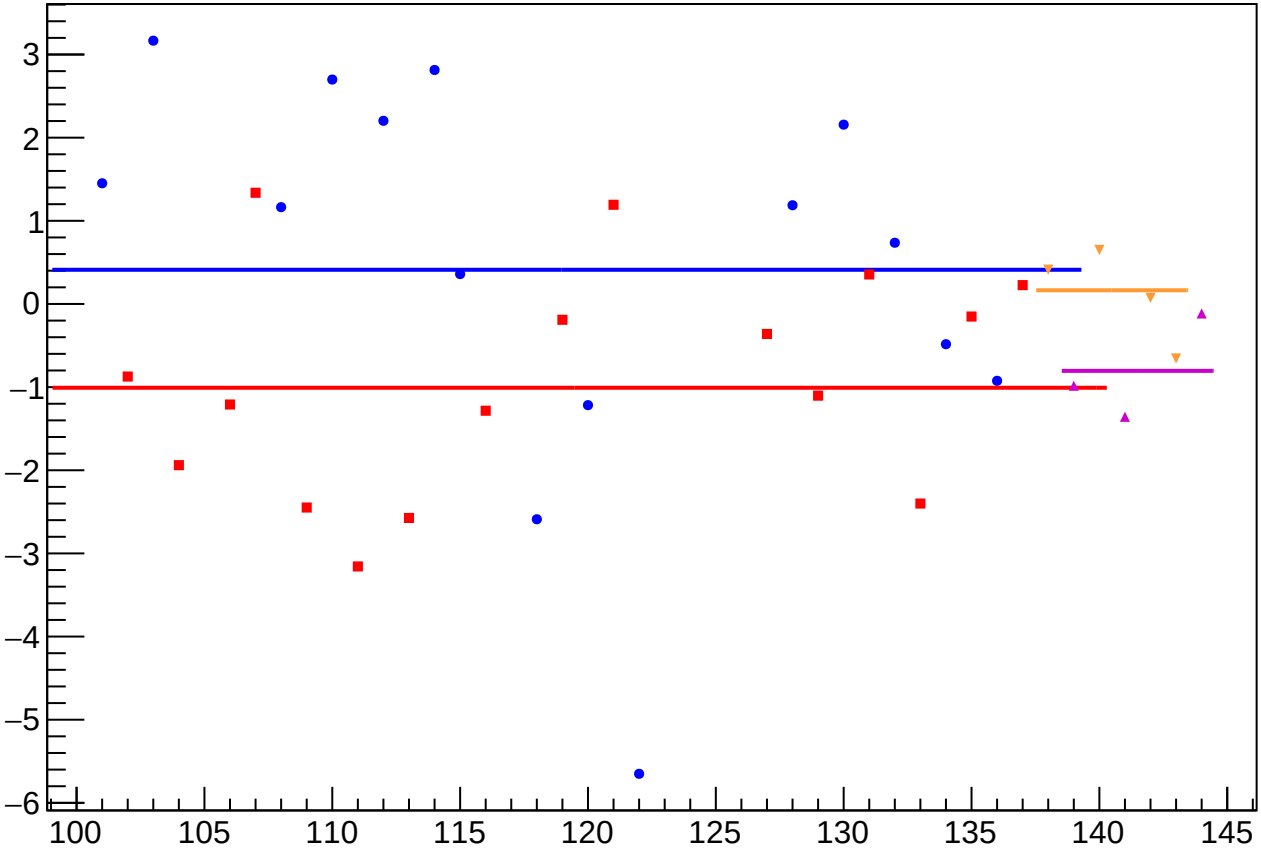
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

Out: -366.947+/-0.000 χ^2/NDF:849867556932275

Left In: -1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

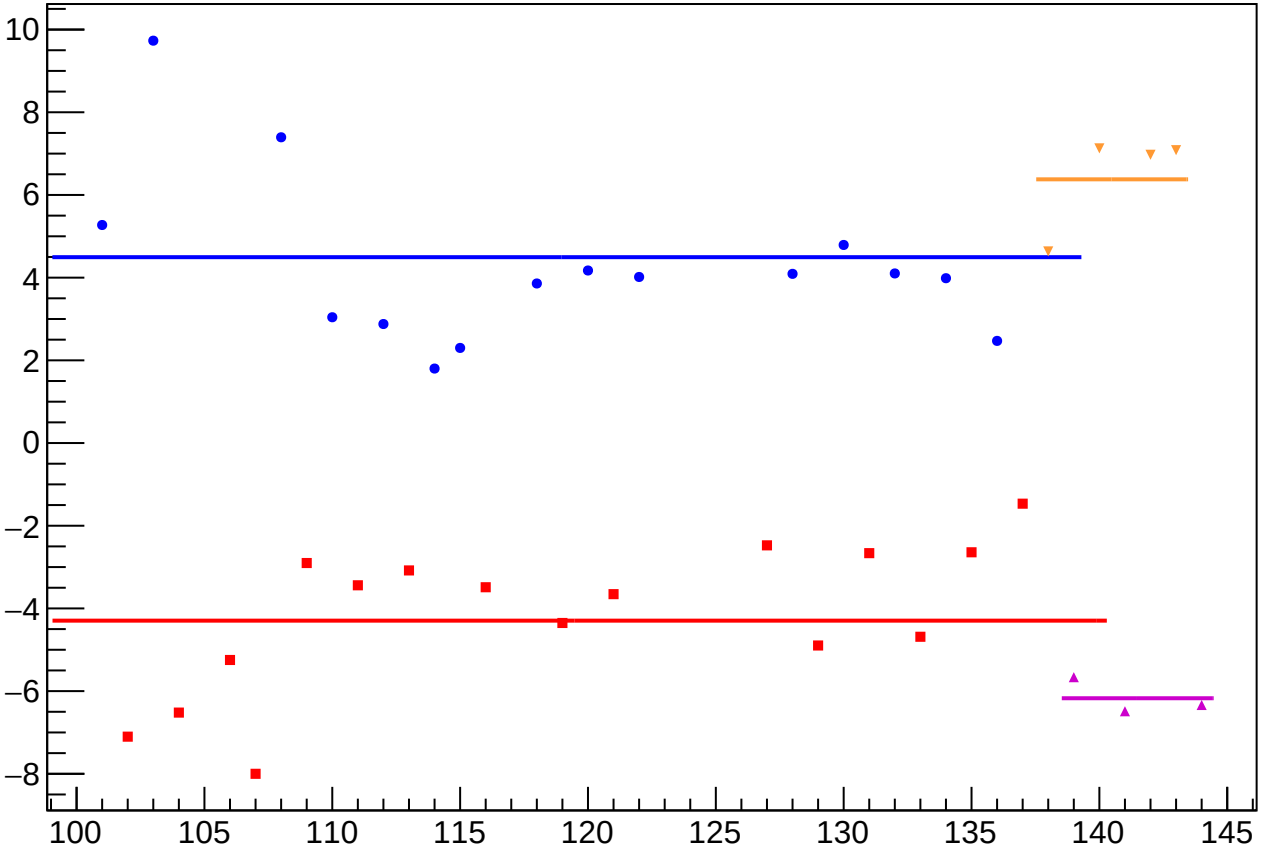
All: 3.887+/-0.000 χ^2/NDF: 20779202663482

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.303+/-0.000 χ^2/NDF: 2643604711381919
Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14
Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172
Left Out: 0.165+/-0.000 χ^2/NDF:69568702239209849773727816876032.0/3
In: 0.068+/-0.000 χ^2/NDF:37271081515125696 42
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15
Out: -0.667+/-0.000 χ^2/NDF:1464268391183117 0
Left In: -0.805+/-0.000 χ^2/NDF:709222353553439283620392783052 80.0/2
All: -0.307+/-0.000 χ^2/NDF: 5440688166204

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.317+/-0.000 χ^2/NDF: 211314231898444678

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 6.378+/-0.000 χ^2/NDF:3326514368458747965710380690309 12.0/3

In: 1.486+/-0.000 χ^2/NDF:236068834635666072 1

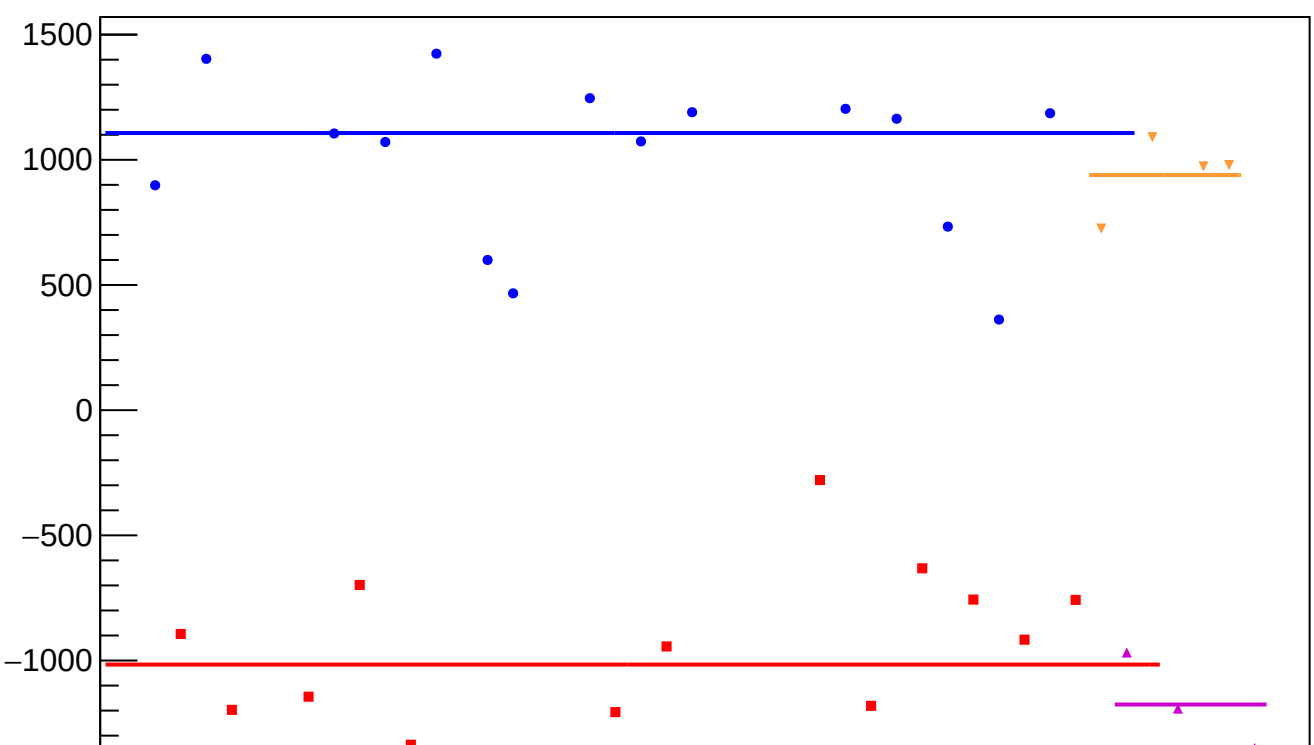
Right Out: -4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

Out: -1.196+/-0.000 χ^2/NDF:24412707080980001

Left In: -6.172+/-0.000 χ^2/NDF:3179999171484423943458753662 1568.0/2

All: 0.119+/-0.000 χ^2/NDF: 5133385922392 7

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

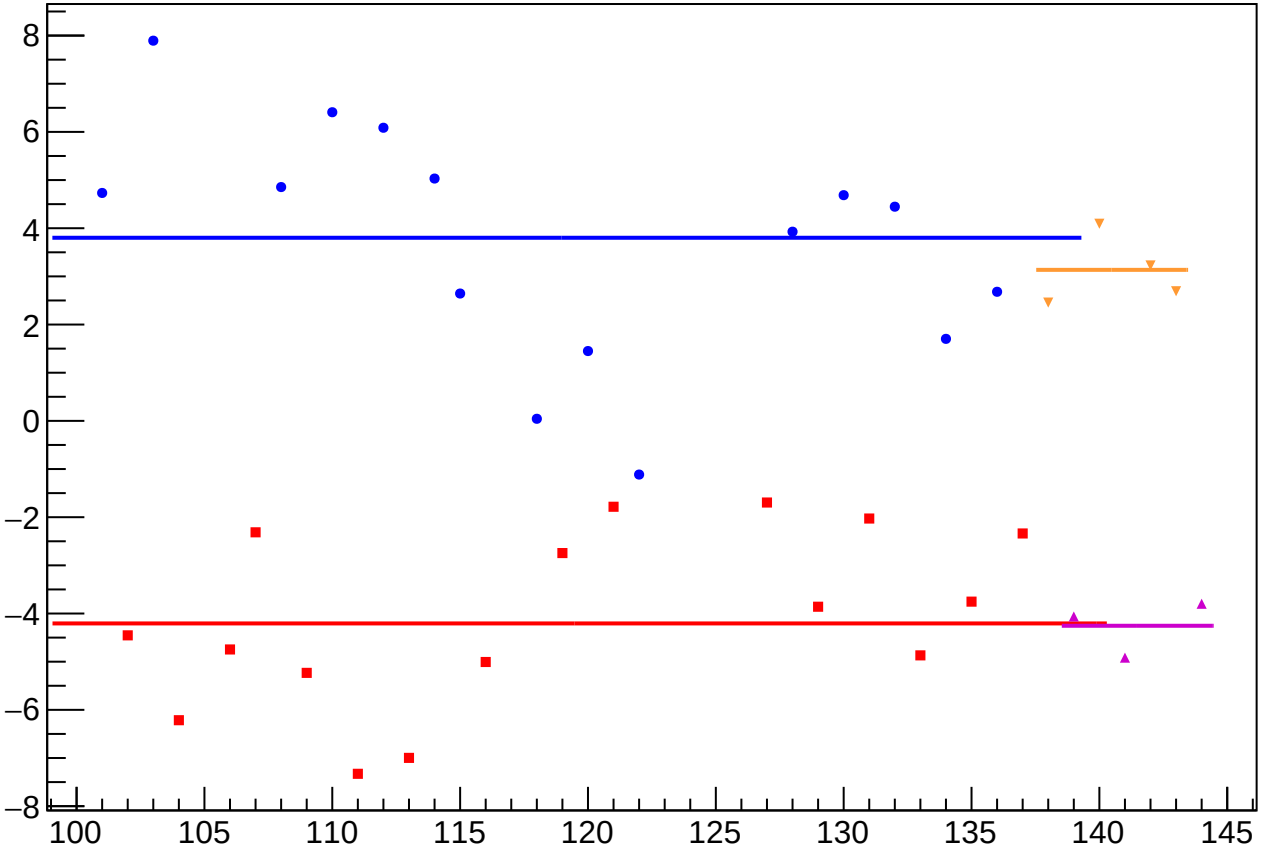
Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.433+/-0.000 χ^2/NDF: 73835181512522963

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.136+/-0.000 χ^2/NDF:1248540639436826391443458941255 68.0/3

In: 1.530+/-0.000 χ^2/NDF:157356713581425723

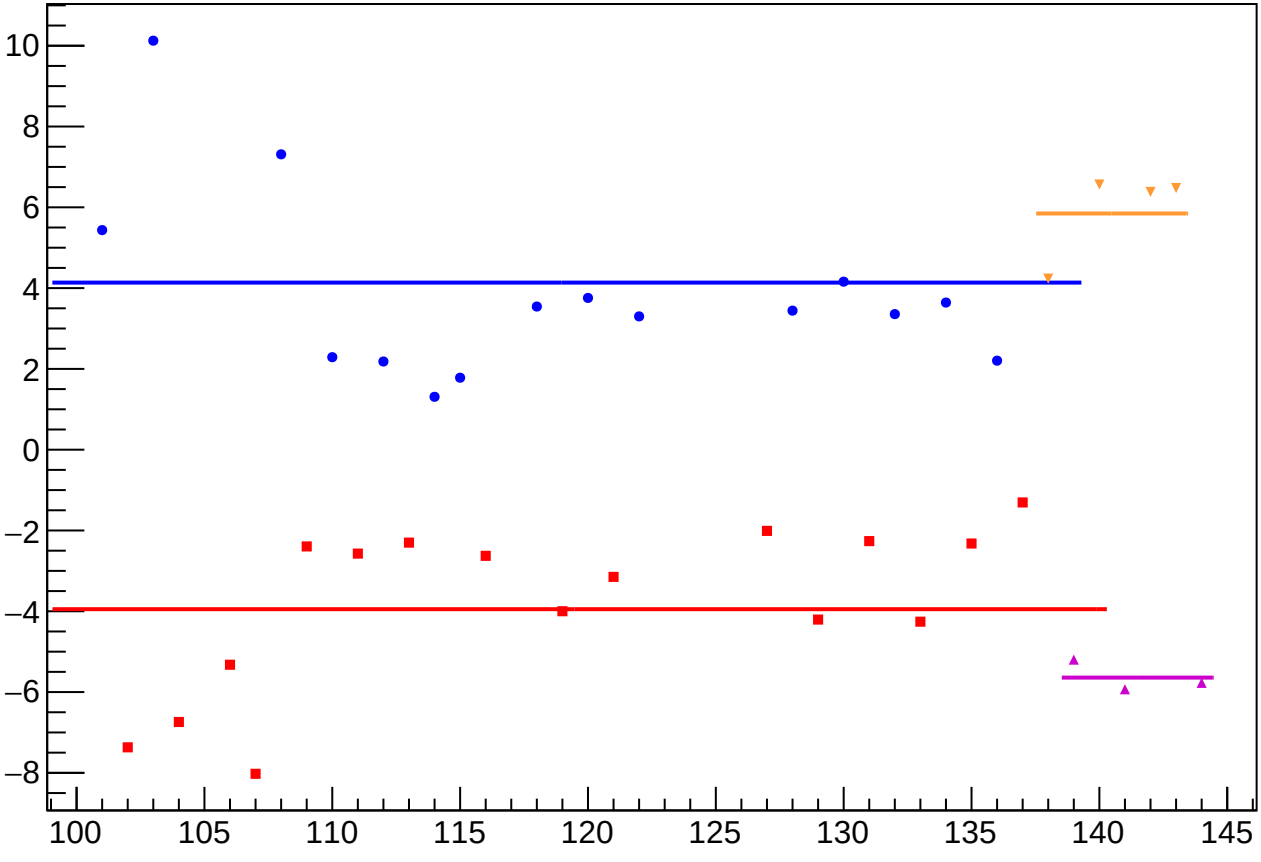
Right Out: -4.206+/-0.000 χ^2/NDF: 2096427813341454573332265183477760.0/15

Out: -2.074+/-0.000 χ^2/NDF:12661355005128398

Left In: -4.254+/-0.000 χ^2/NDF:5882730164861603304210866110464 0.0/2

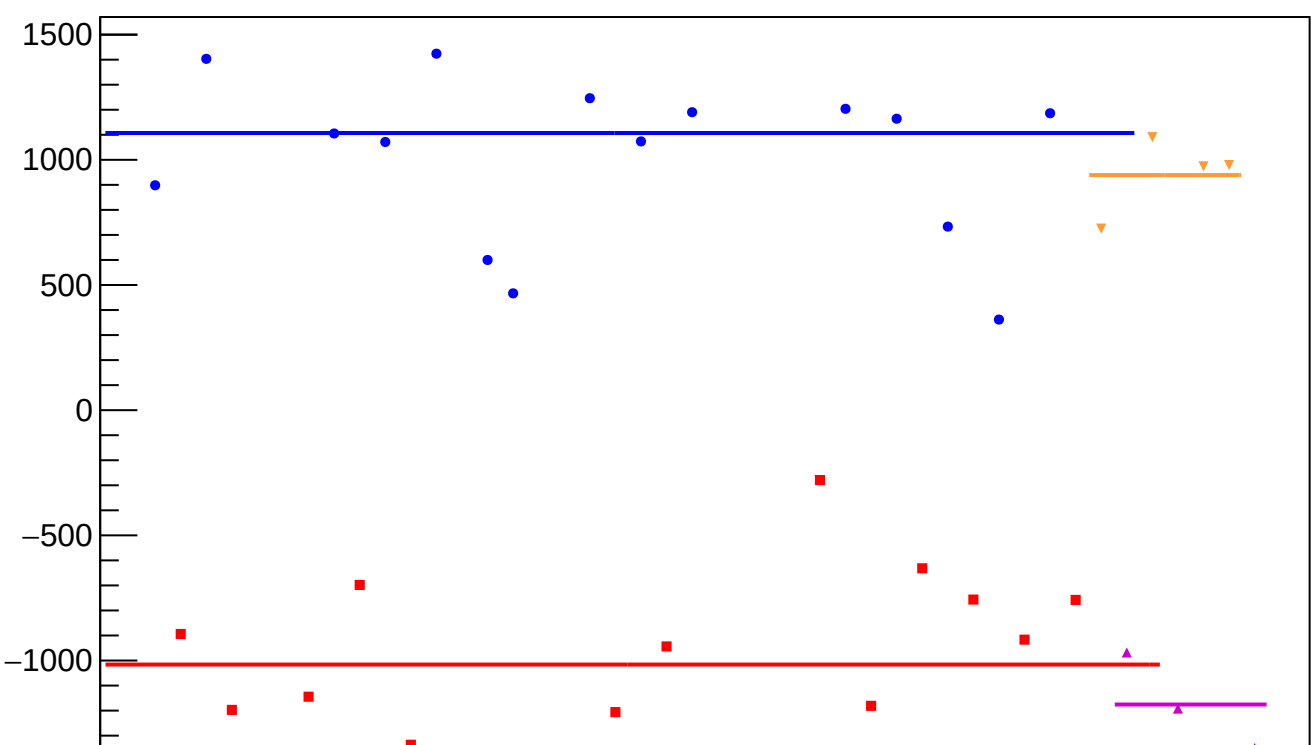
All: -0.307+/-0.000 χ^2/NDF: 3437966545726

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.298+/-0.000 χ^2/NDF: 17712813085481010
Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14
Right: 0.039+/-0.000 χ^2/NDF: 2767849025143025
Left Out: 5.847+/-0.000 χ^2/NDF:2847707277006764697186869402664 96.0/3
In: 1.378+/-0.000 χ^2/NDF:210364782585233527
Right Out: -3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15
Out: -1.104+/-0.000 χ^2/NDF:21542166017841982
Left In: -5.642+/-0.000 χ^2/NDF:2465168909919843305928967533 3632.0/2
All: 0.113+/-0.000 χ^2/NDF: 4541672340469

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

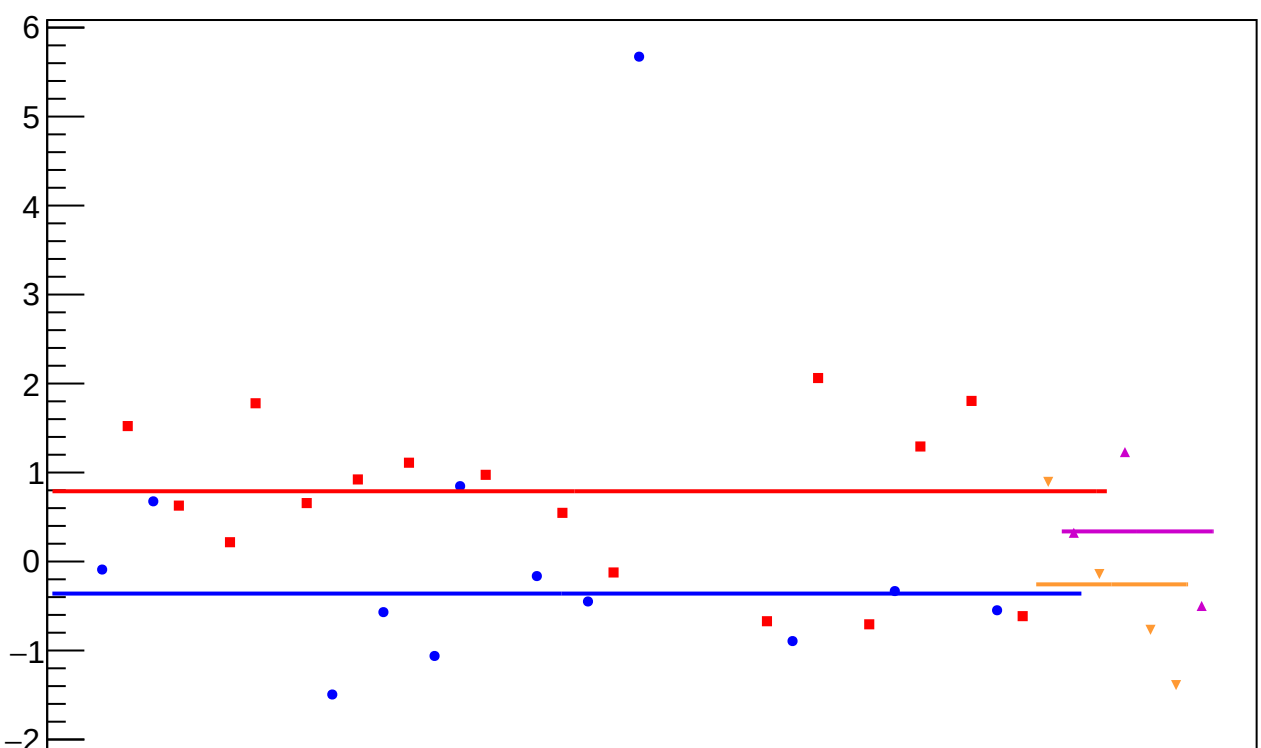
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.031+/-0.000 χ^2/NDF: 379073996725725813

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 30782158054306257

Left Out: -0.257+/-0.000 χ^2/NDF:20242057021563863425463651139584 0.0/3

In: -0.163+/-0.000 χ^2/NDF:239955354172550646

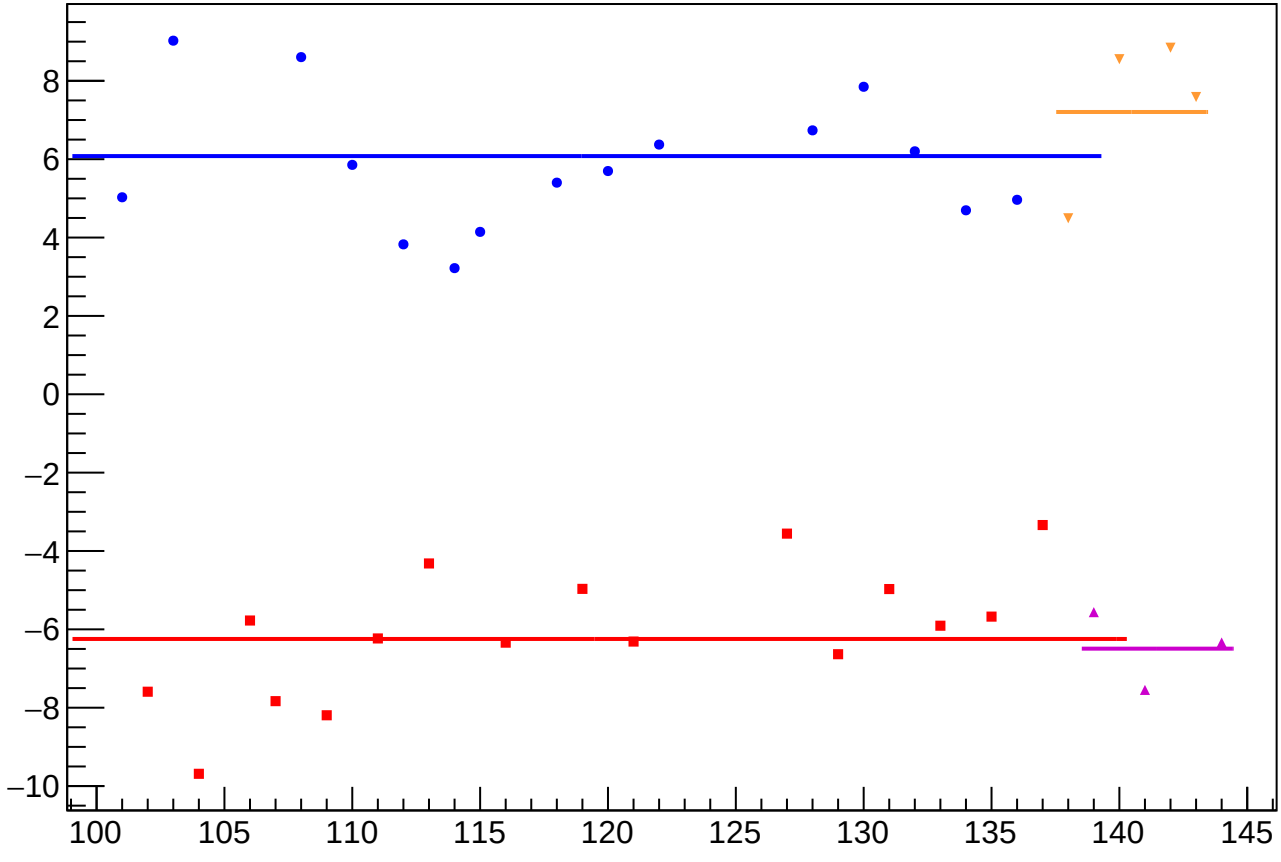
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: 0.486+/-0.000 χ^2/NDF:87755635165013834 8

Left In: 0.338+/-0.000 χ^2/NDF:1299910664900296236219244572835 84.0/2

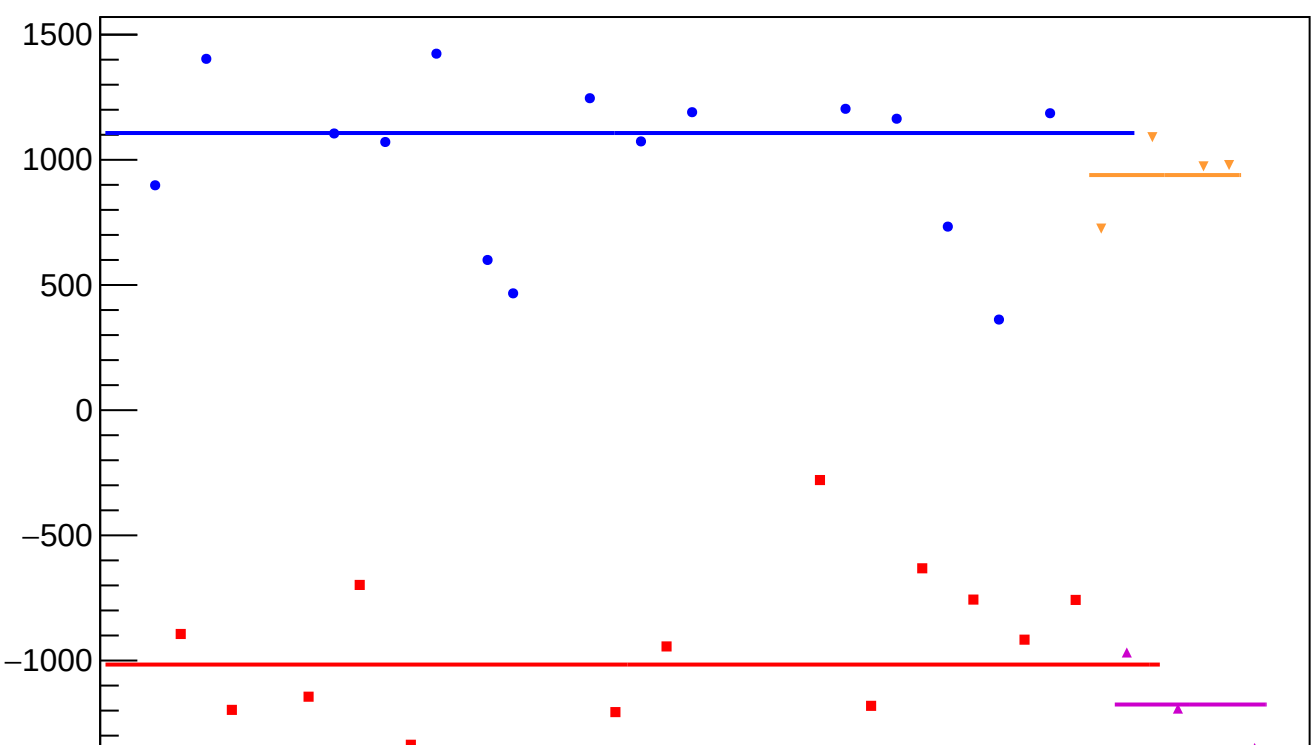
All: 0.168+/-0.000 χ^2/NDF: 3471169081879 5

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Left: 0.590+/-0.000 χ^2/NDF: 25761562163482280
Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866
Left Out: 7.205+/-0.000 χ^2/NDF:8565398316132800738364094792335 36.0/3
In: 2.533+/-0.000 χ^2/NDF:3069286565760333362
Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15
Out: -2.339+/-0.000 χ^2/NDF:3771861262792892 7
Left In: -6.493+/-0.000 χ^2/NDF:1666939400842536238983131231682 56.0/2
All: 0.049+/-0.000 χ^2/NDF: 7935021491481 9

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

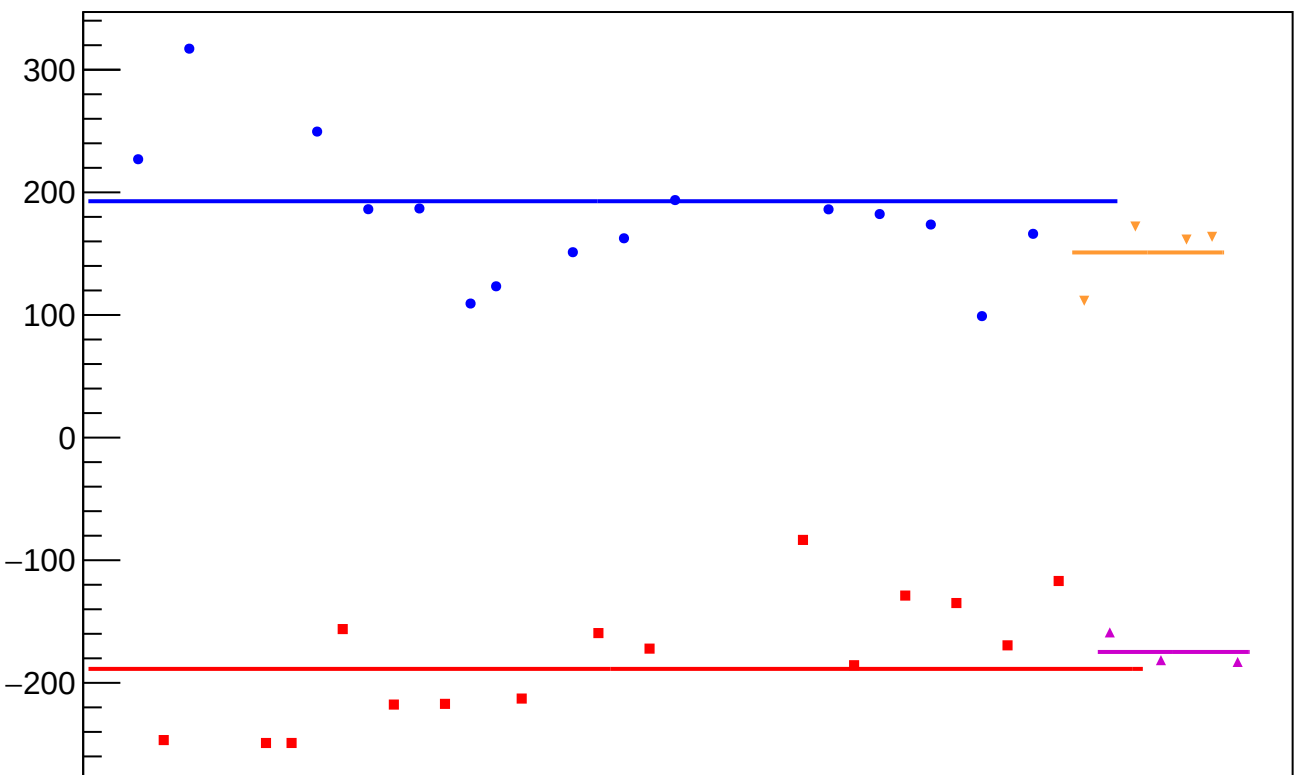
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -6.353+/-0.000 χ^2/NDF: 14198086509875993

Right In: 192.771+/-0.000 χ^2/NDF: 16405762797469484333918169362365153 28.0/14

Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893

Left Out: 150.989+/-0.000 χ^2/NDF:17359574265121706214218636183627 3664.0/3

In: 89.086+/-0.000 χ^2/NDF:2640544797635042 36

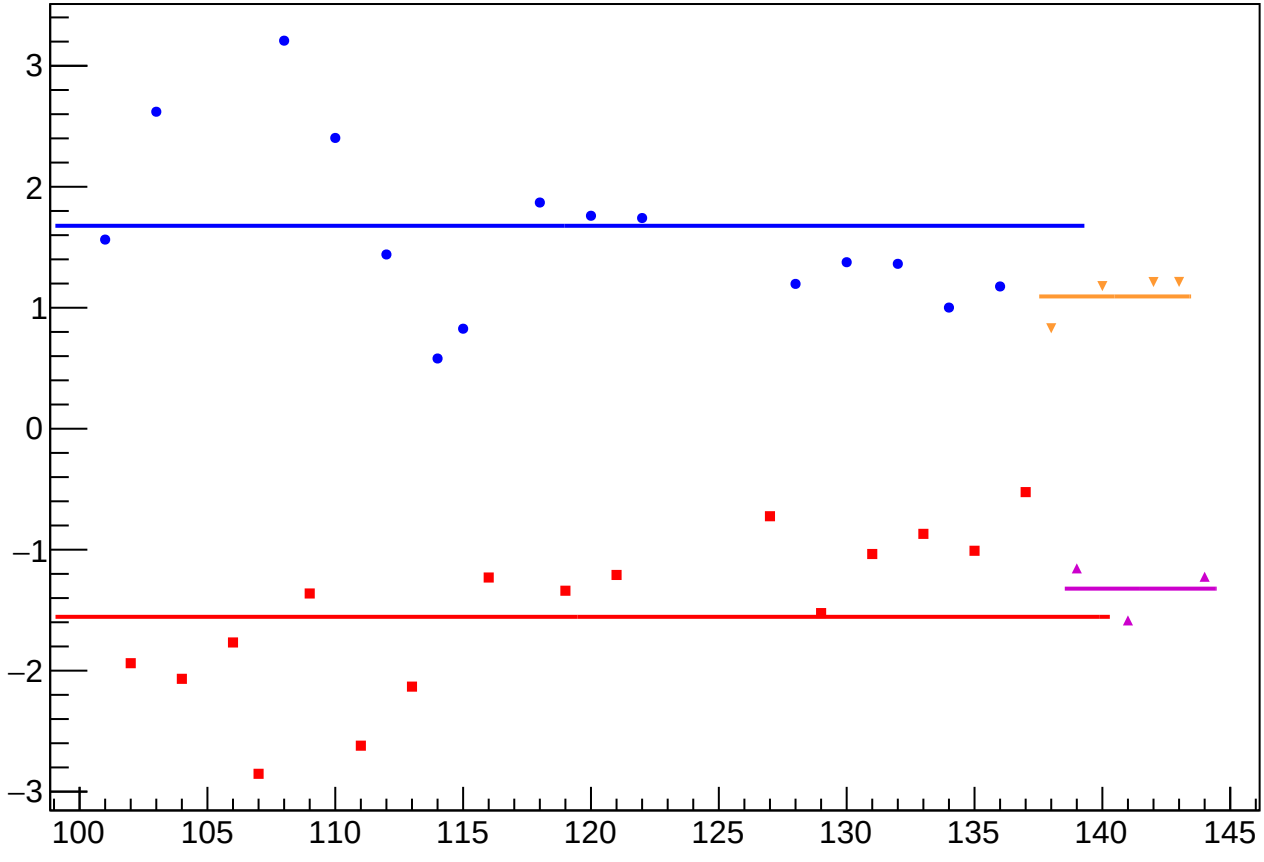
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001 9610624.0/15

Out: -89.983+/-0.000 χ^2/NDF:2443668662733904

Left In: -174.802+/-0.000 χ^2/NDF:30317309200420064235050356717912064.0/2

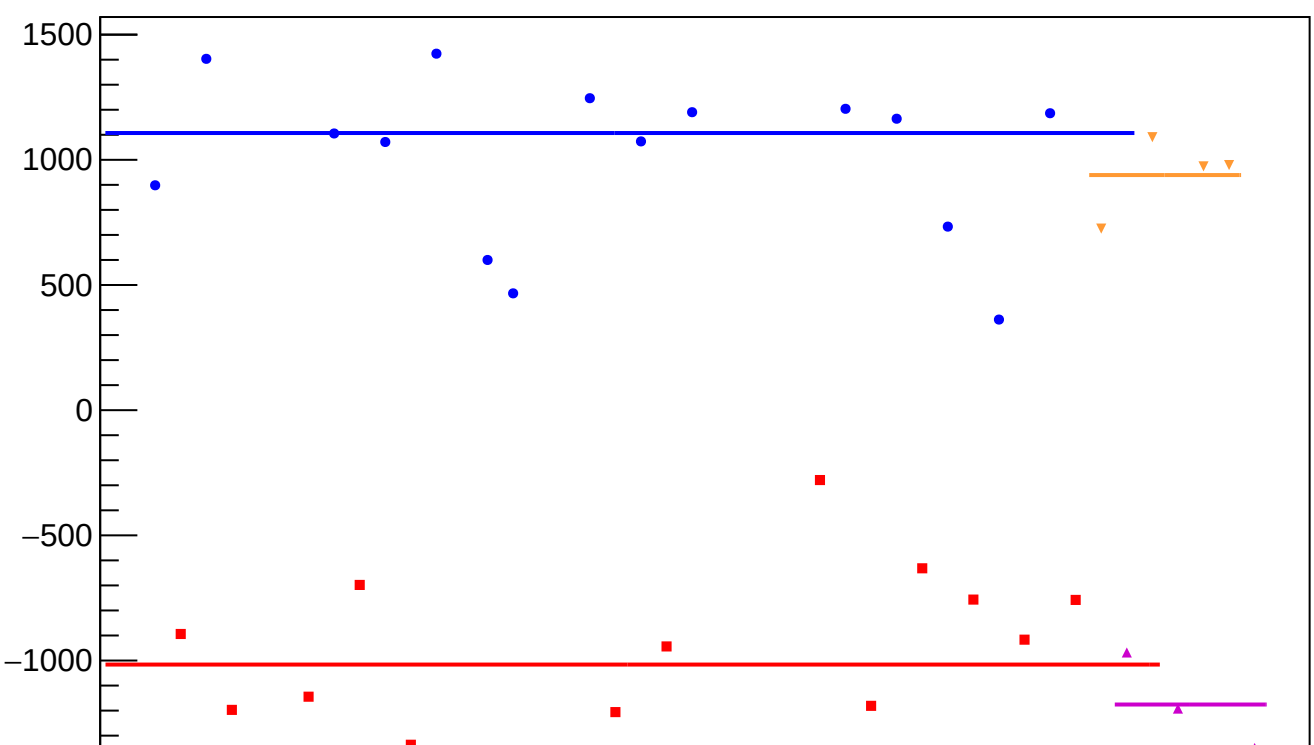
All: -2.196+/-0.000 χ^2/NDF: 6561881982276

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: -0.073+/-0.000 χ^2/NDF: 7858051262853292
Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14
Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597
Left Out: 1.093+/-0.000 χ^2/NDF:7614645253899258187712663912448.0/3
In: 0.831+/-0.000 χ^2/NDF:189787611305112600
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15
Out: -0.786+/-0.000 χ^2/NDF:16219406033339269
Left In: -1.322+/-0.000 χ^2/NDF:8996455865119985815829828599808.0/2
All: 0.007+/-0.000 χ^2/NDF: 4725020948573

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

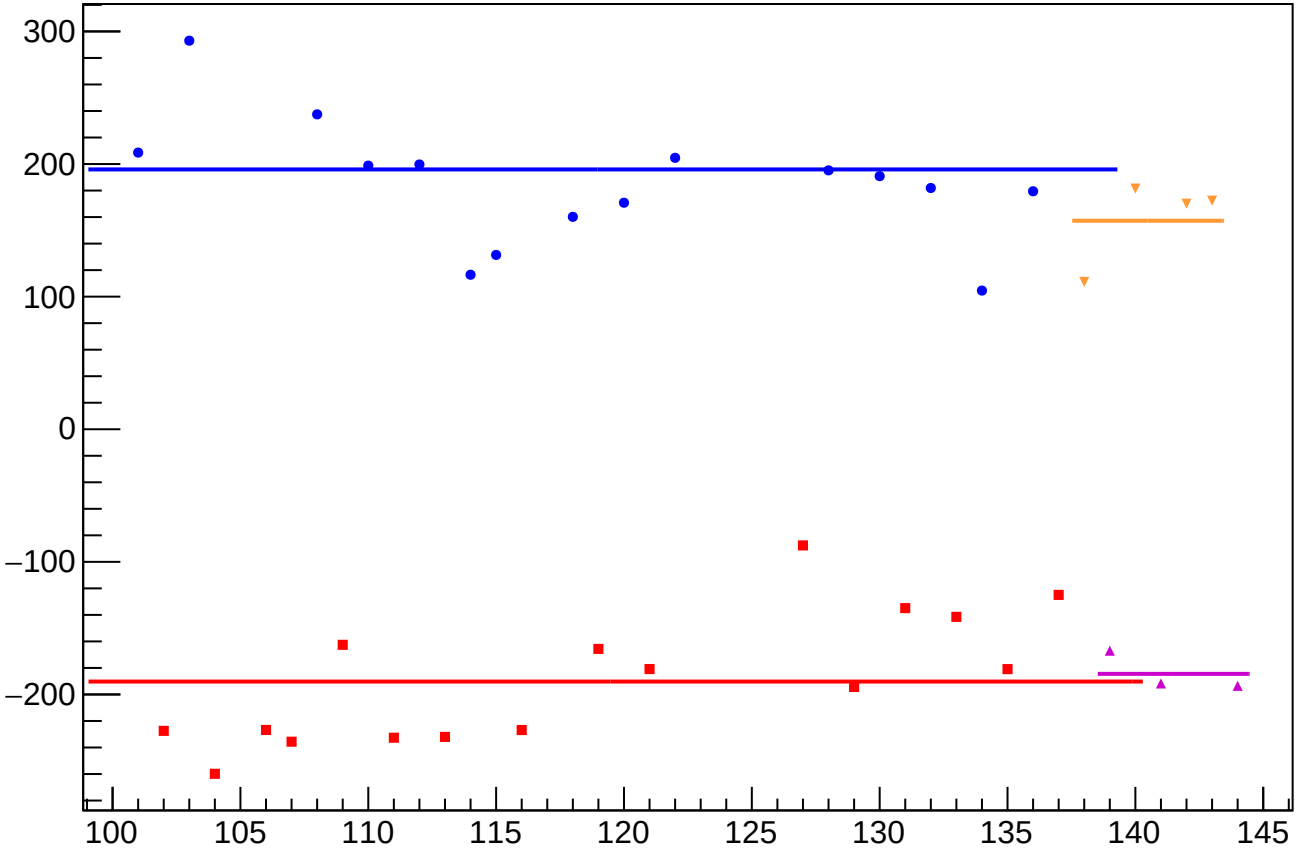
Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -7.793+/-0.000 χ^2/NDF: 15666369234625187

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 157.226+/-0.000 χ^2/NDF:2369671164886400672427399158463201 28.0/3

In: 88.637+/-0.000 χ^2/NDF:27585276363392271 7

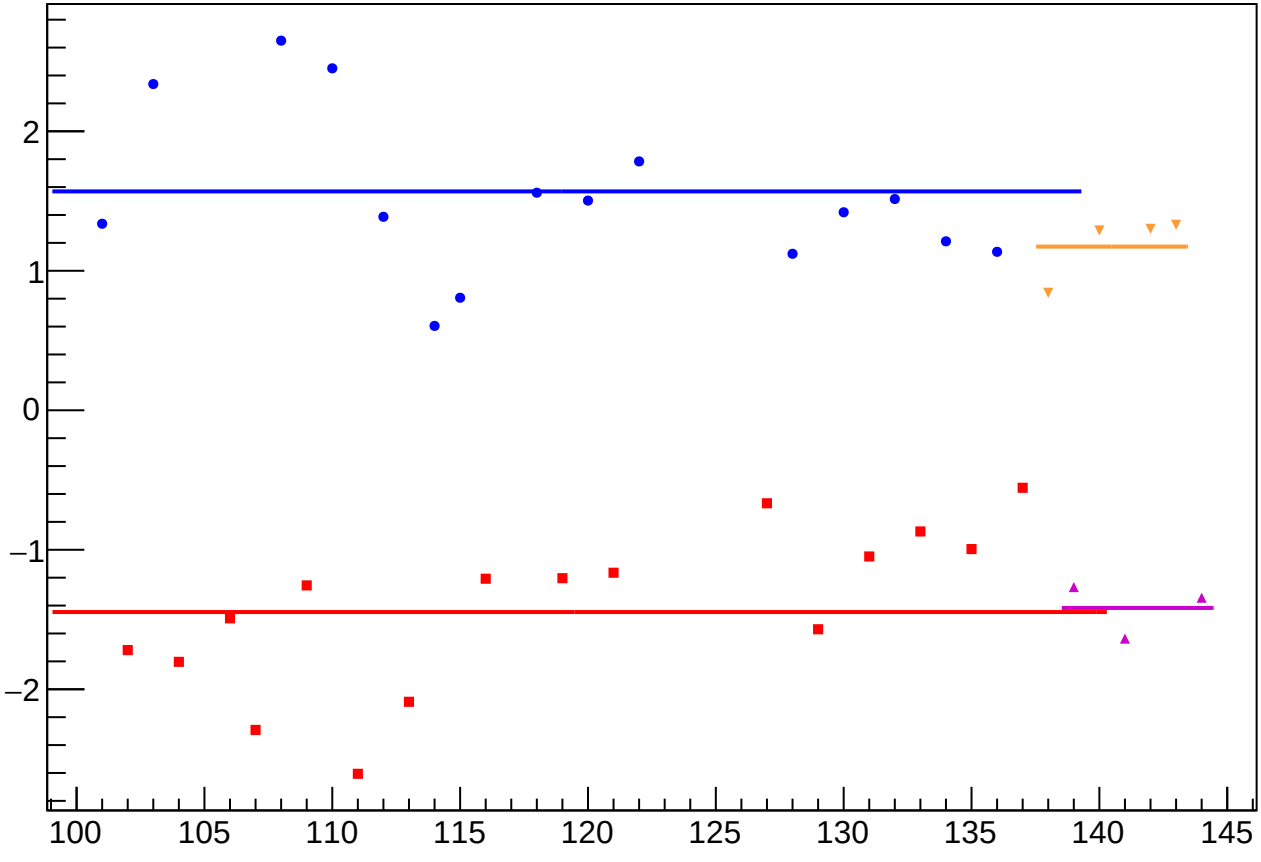
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: -89.347+/-0.000 χ^2/NDF:2509675731904913

Left In: -184.460+/-0.000 χ^2/NDF:3640686994859993068859305735330201 6.0/2

All: -2.092+/-0.000 χ^2/NDF: 6728013865185

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: -0.078+/-0.000 χ^2/NDF: 90315798756049094

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: 1.173+/-0.000 χ^2/NDF:1203296738337717020681920996966 4.0/3

In: 0.727+/-0.000 χ^2/NDF:180160066952121010 7

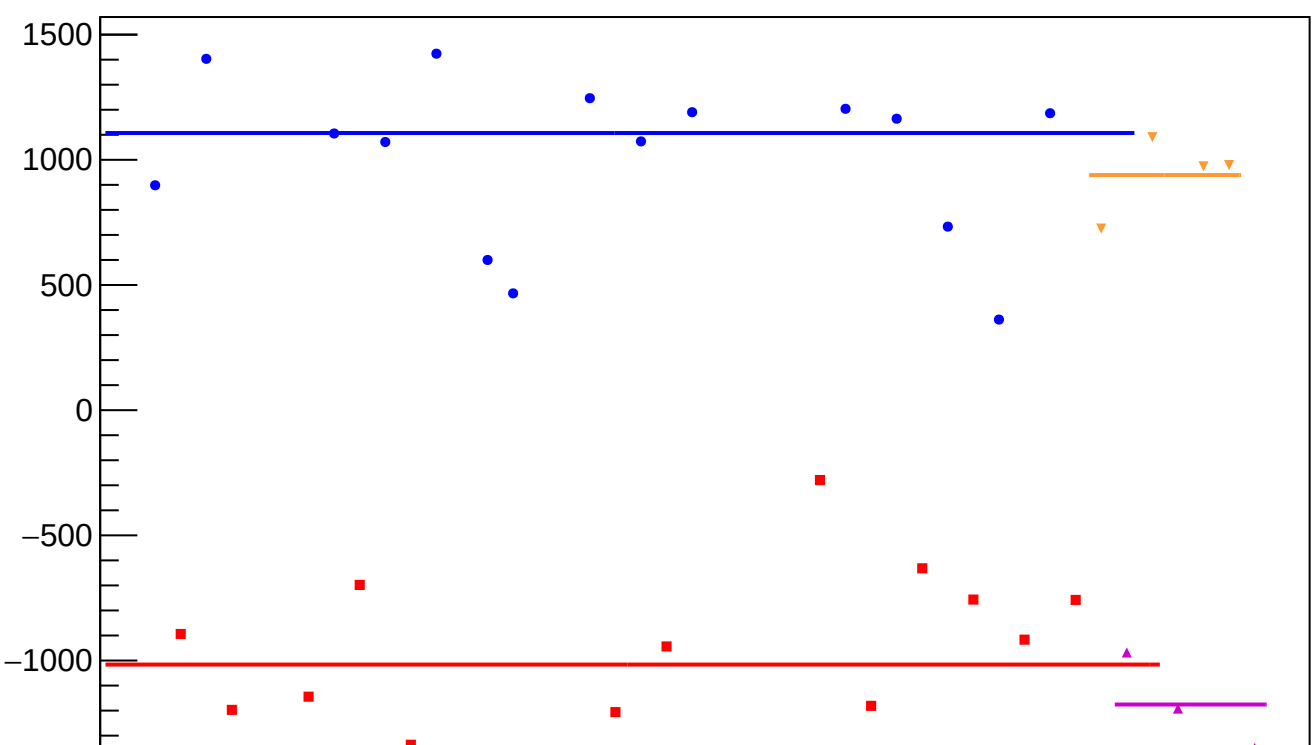
Right Out: -1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15

Out: -0.686+/-0.000 χ^2/NDF:1537745874418954 8

Left In: -1.417+/-0.000 χ^2/NDF:6395662009893452105327765880832.0/2

All: 0.007+/-0.000 χ^2/NDF: 4258371681364 4

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

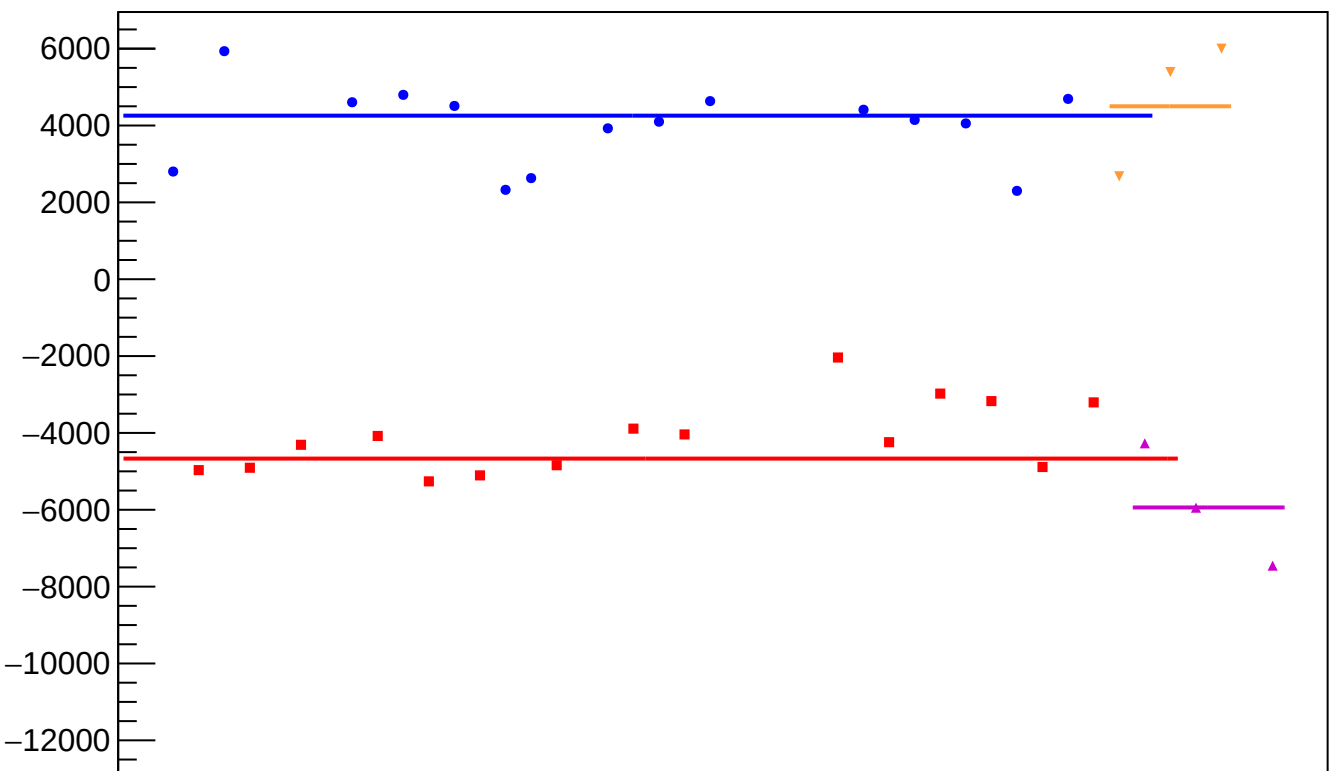
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -1274.724+/-0.000 χ^2/NDF: 13277278140077

Right In: 4256.386+/-0.000 χ^2/NDF: 49860541255162485967245495415957618688 0.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4500.190+/-0.000 χ^2/NDF:42747587210109948743370845232390209536 0.0/2

In: 1380.208+/-0.000 χ^2/NDF:199613683843991

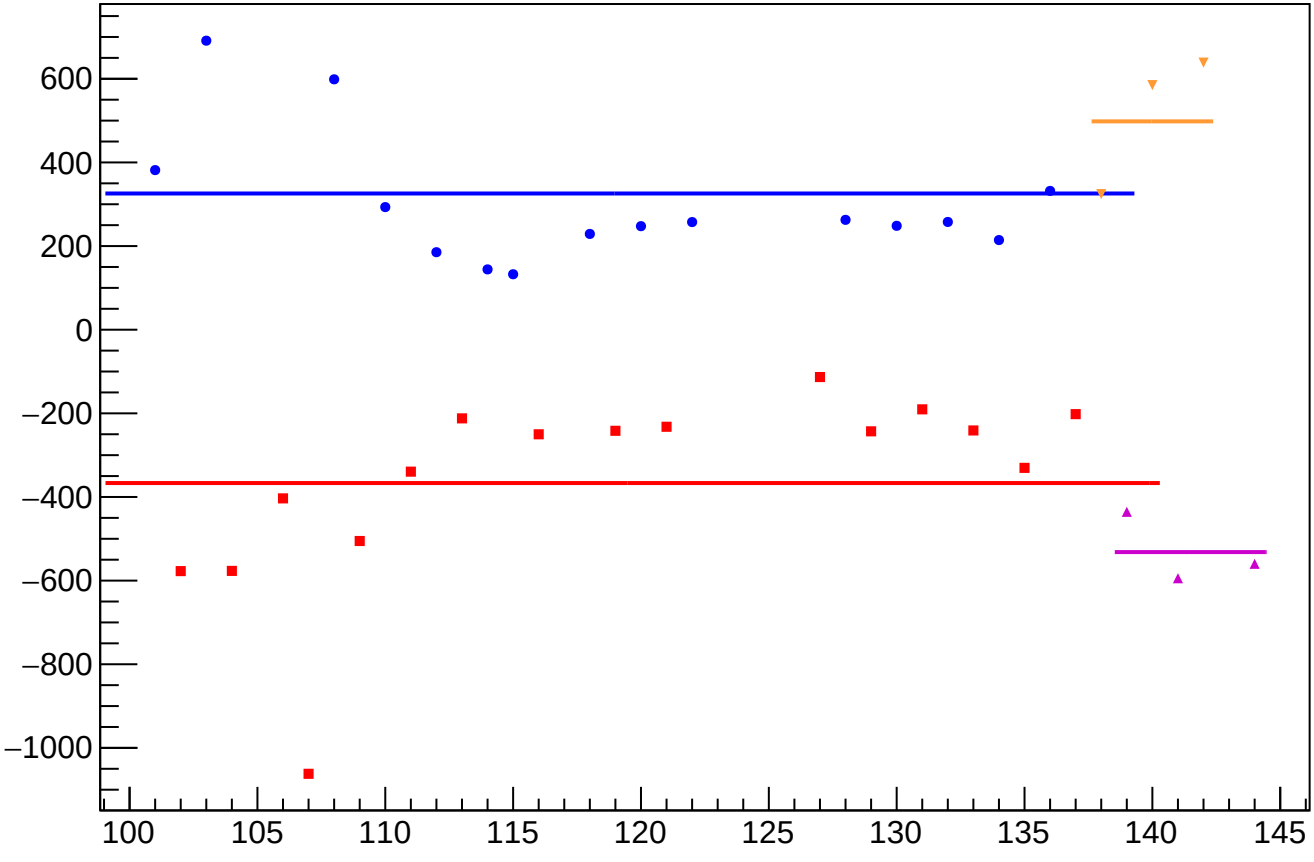
Right Out: -4667.832+/-0.000 χ^2/NDF: 32019255357828074503209517721593095127 04.0/15

Out: -2504.473+/-0.000 χ^2/NDF:16858493026568

Left In: -5939.948+/-0.000 χ^2/NDF:42987780691646977451420772762758886195 2.0/2

All: -528.248+/-0.000 χ^2/NDF: 43521883703

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Left: -71.537+/-0.000 χ^2/NDF: 1259243884529180

Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

Left Out: 498.198+/-0.000 χ^2/NDF:388542075087142765608419685208739020 8.0/2

In: 83.841+/-0.000 χ^2/NDF:15040731266630499 2

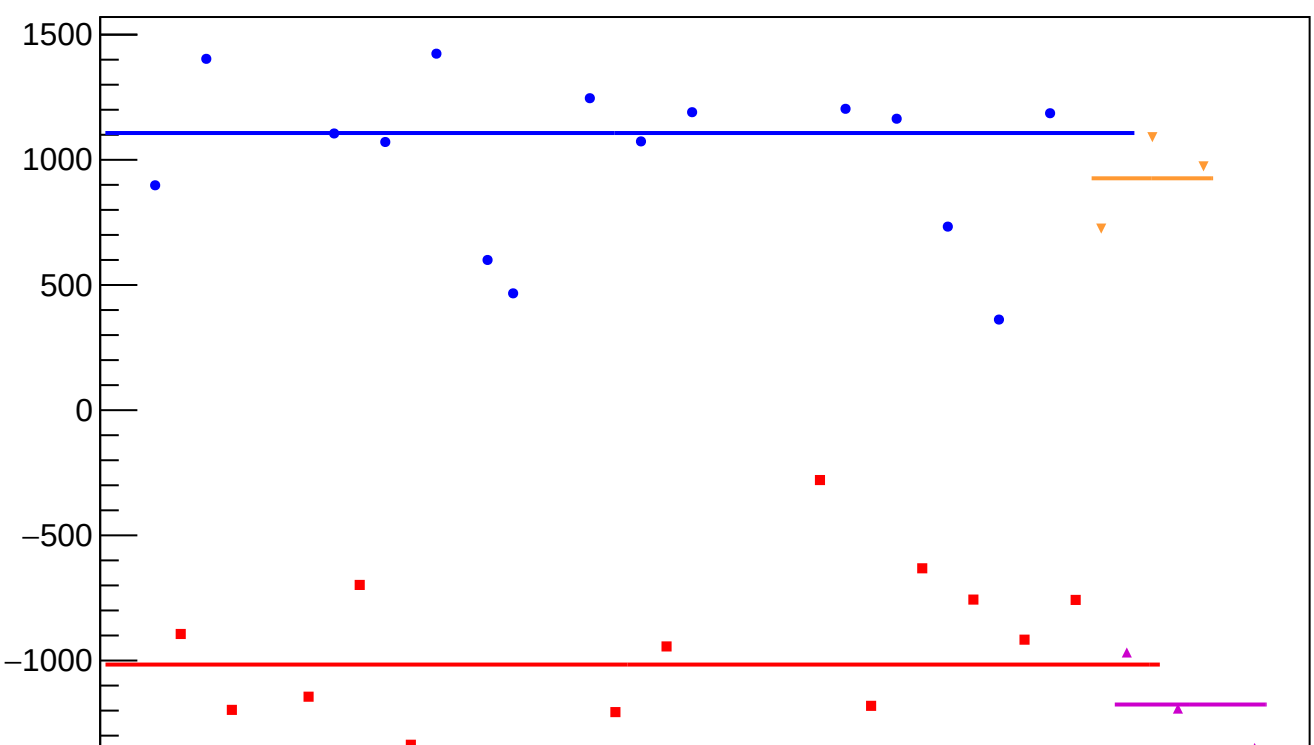
Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Out: -162.598+/-0.000 χ^2/NDF:153713637657566

Left In: -531.794+/-0.000 χ^2/NDF:1153478679390820503376279511647649792.0/2

All: -37.229+/-0.000 χ^2/NDF: 331093149677

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -236.469+/-0.000 χ^2/NDF: 515064112021405

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 926.155+/-0.000 χ^2/NDF:546533138695852568197173283359241011 2.0/2

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

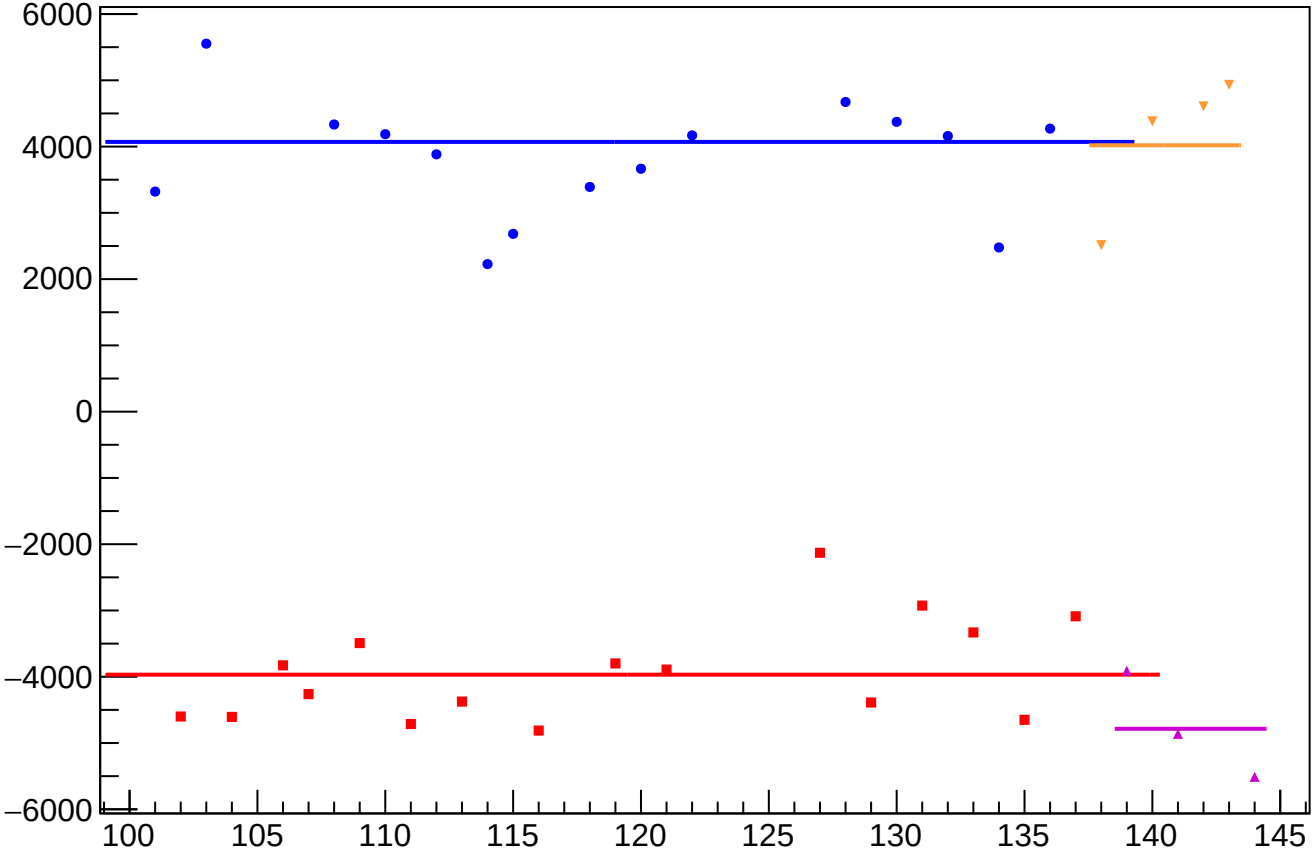
Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Out: -557.795+/-0.000 χ^2/NDF:671770307546886

Left In: -1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

All: -38.423+/-0.000 χ^2/NDF: 213547076945

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -232.837+/-0.000 χ^2/NDF: 105905543376364

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721

Left Out: 4019.640+/-0.000 χ^2/NDF:2592568011677664995919790476661704622 08.0/3

In: 1572.365+/-0.000 χ^2/NDF:1481018072932923

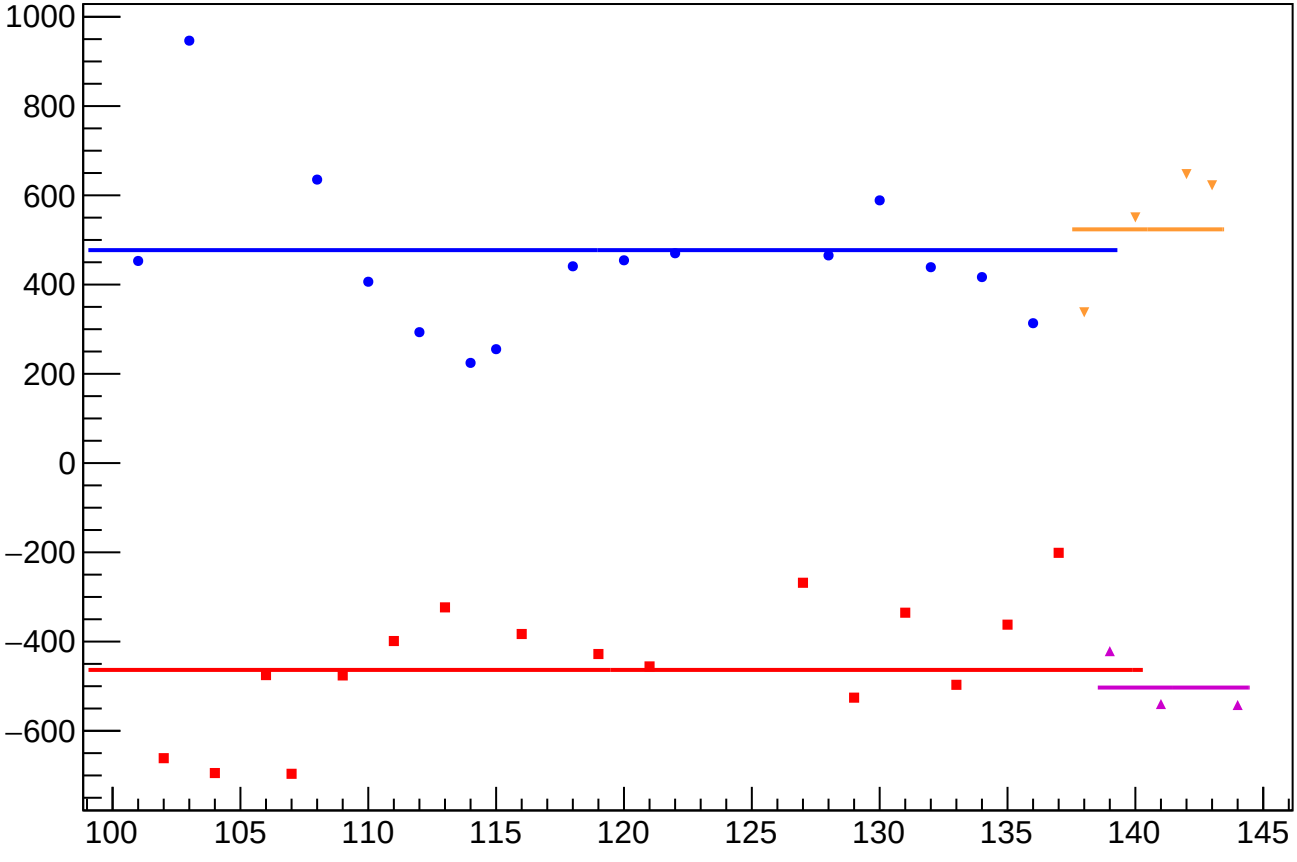
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

Out: -1648.698+/-0.000 χ^2/NDF:12980853699666

Left In: -4785.489+/-0.000 χ^2/NDF:1091931740569315006980194400442819543 04.0/2

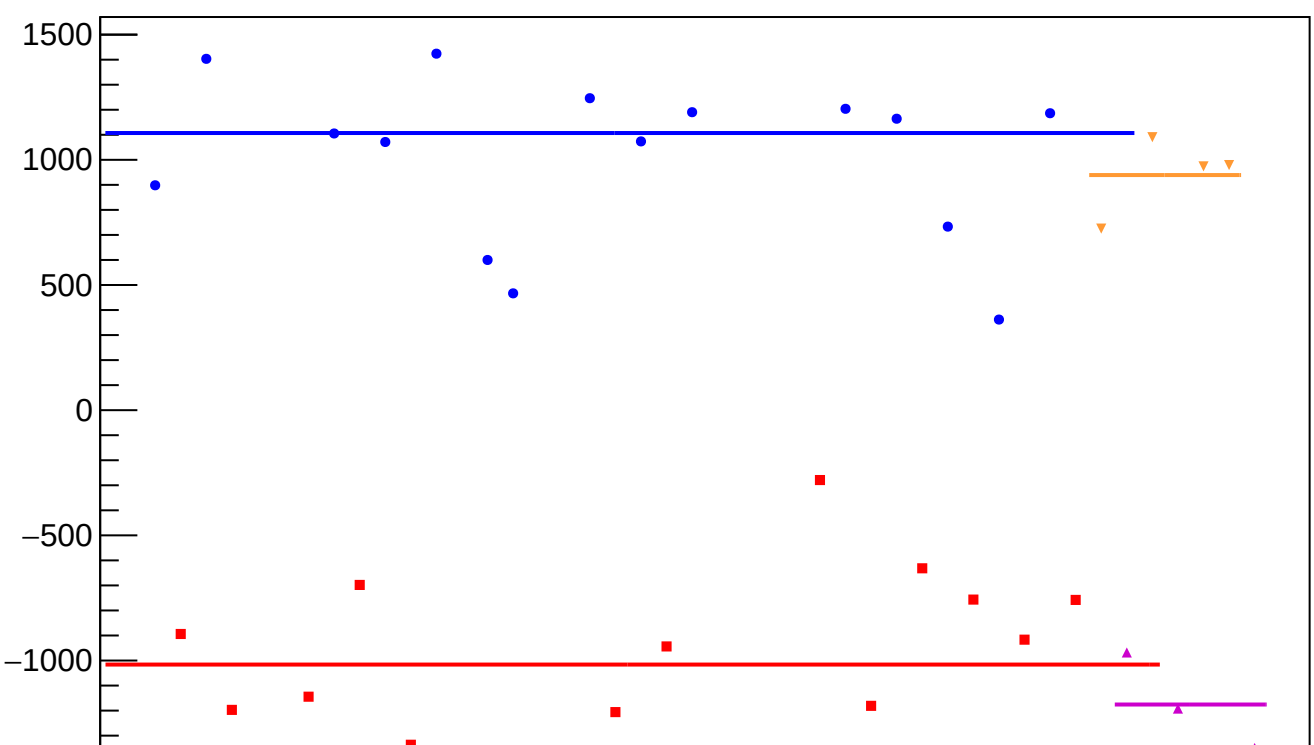
All: -69.609+/-0.000 χ^2/NDF: 325722017960

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 27.856+/-0.000 χ^2/NDF: 1439111132024328
Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14
Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964
Left Out: 523.755+/-0.000 χ^2/NDF:411128880399089406747399821464489164 8.0/3
In: 200.682+/-0.000 χ^2/NDF:197150794631187 66
Right Out: -463.513+/-0.000 χ^2/NDF: 125567779310699033700318323881845719 04.0/15
Out: -176.785+/-0.000 χ^2/NDF:205480313987941
Left In: -503.048+/-0.000 χ^2/NDF:790774209413394400607287288111562752.0/2
All: 8.264+/-0.000 χ^2/NDF: 4682900147156 2

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

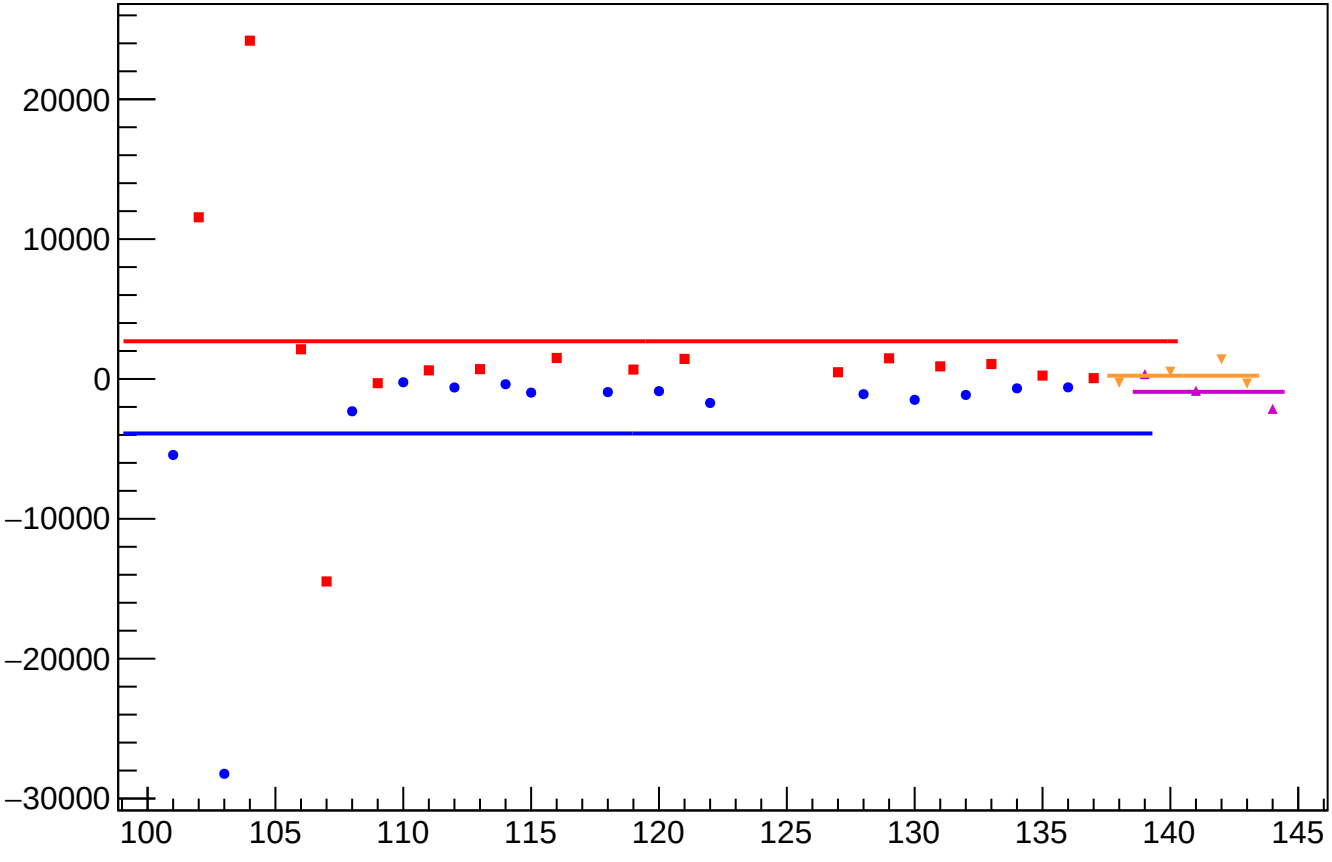
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

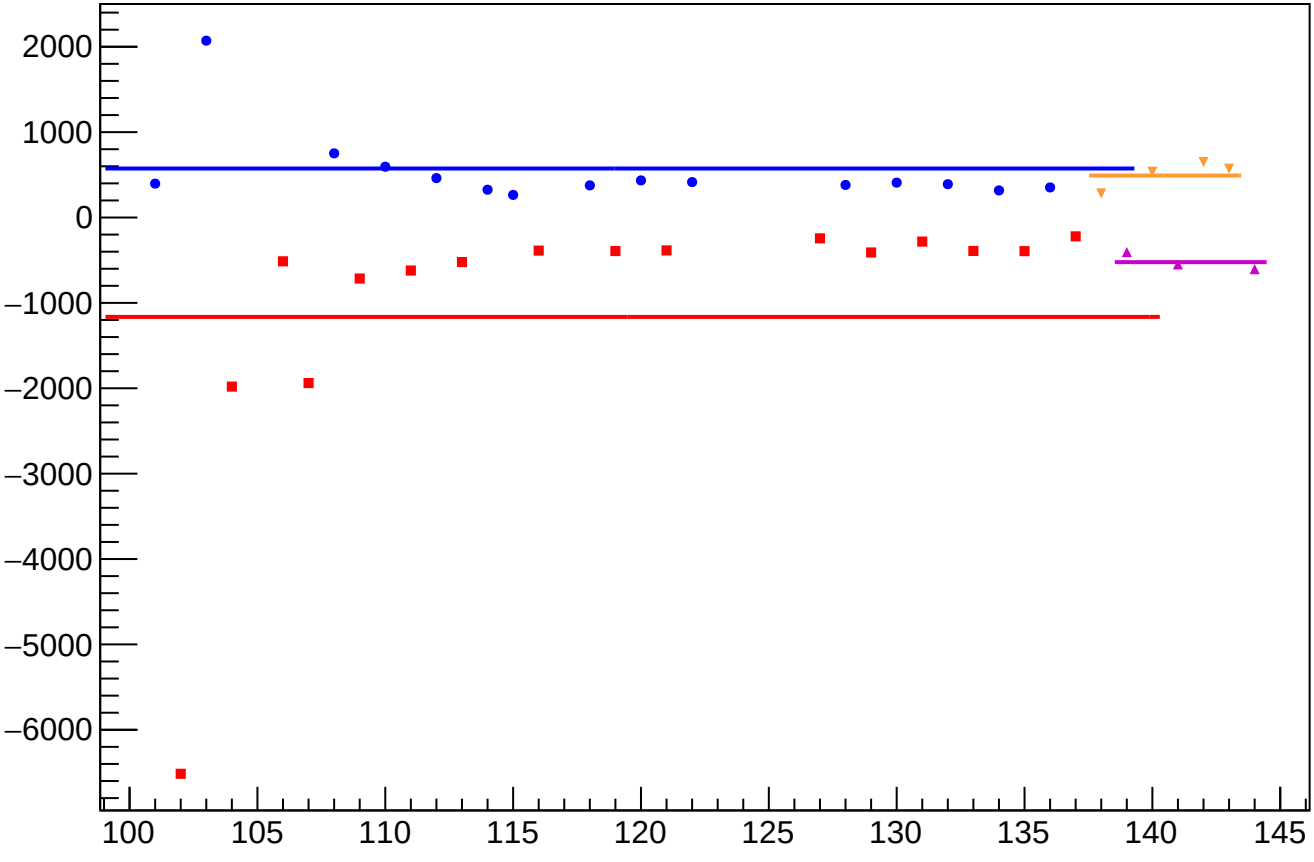
All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_atl1_coil4_mean vs Slug, Sign Corrected



Left: -323.137+/-0.000 χ^2/NDF: 547232413296516
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: 233.503+/-0.000 χ^2/NDF:110267501983986472792132507117580976128.0/3
In: -3056.643+/-0.000 χ^2/NDF:415033691457597
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 1980.822+/-0.000 χ^2/NDF:421073828518676
Left In: -919.070+/-0.000 χ^2/NDF:261816880347700428415294404360457420800.0/2
All: -488.738+/-0.000 χ^2/NDF: 95304656833

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.842+/-0.000 χ^2/NDF: 14255036916298660

Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14

Right: -306.705+/-0.000 χ^2/NDF: 31486221730071

Left Out: 491.653+/-0.000 χ^2/NDF:5141159459776657785868254059876581376.0/3

In: 264.727+/-0.000 χ^2/NDF:3740444613199902

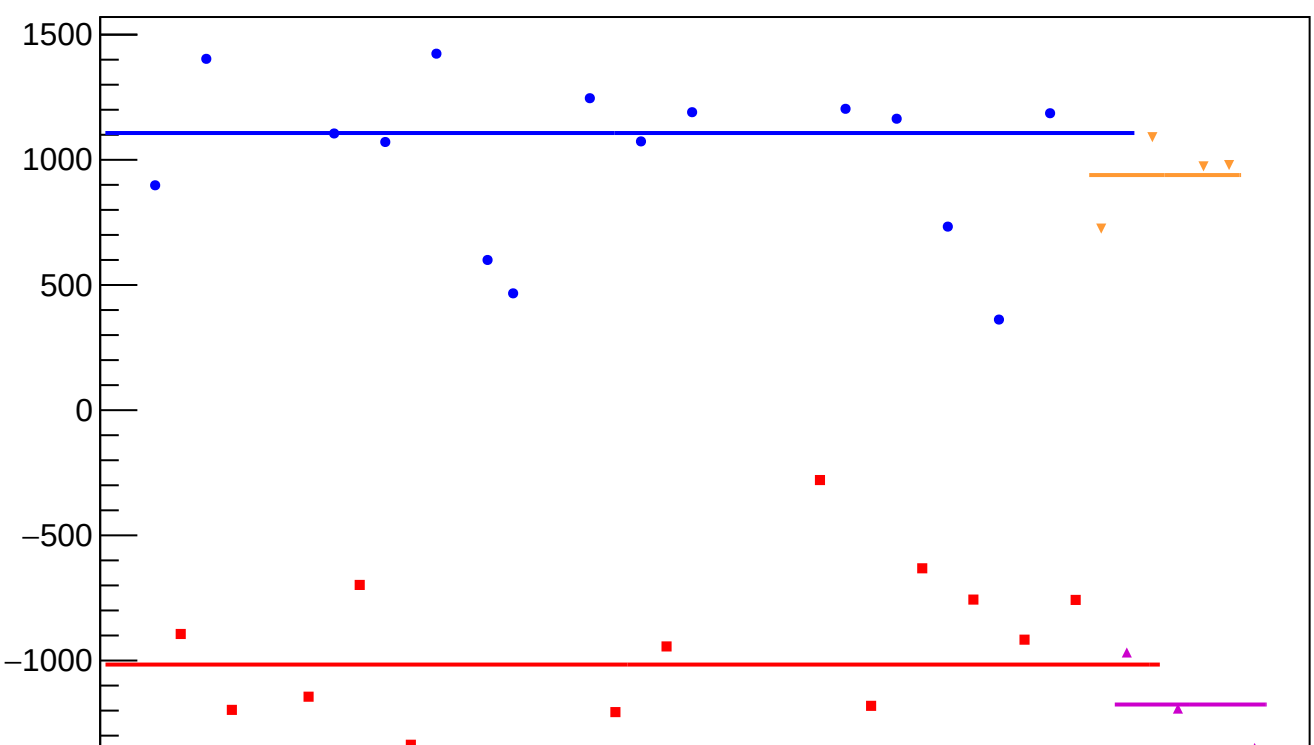
Right Out: -1163.697+/-0.000 χ^2/NDF: 200319439647546533719015478751518313676 8.0/15

Out: -682.941+/-0.000 χ^2/NDF:253914693731322

Left In: -522.544+/-0.000 χ^2/NDF:179226816251953549874125827338770841 6.0/2

All: -218.357+/-0.000 χ^2/NDF: 33270458282

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

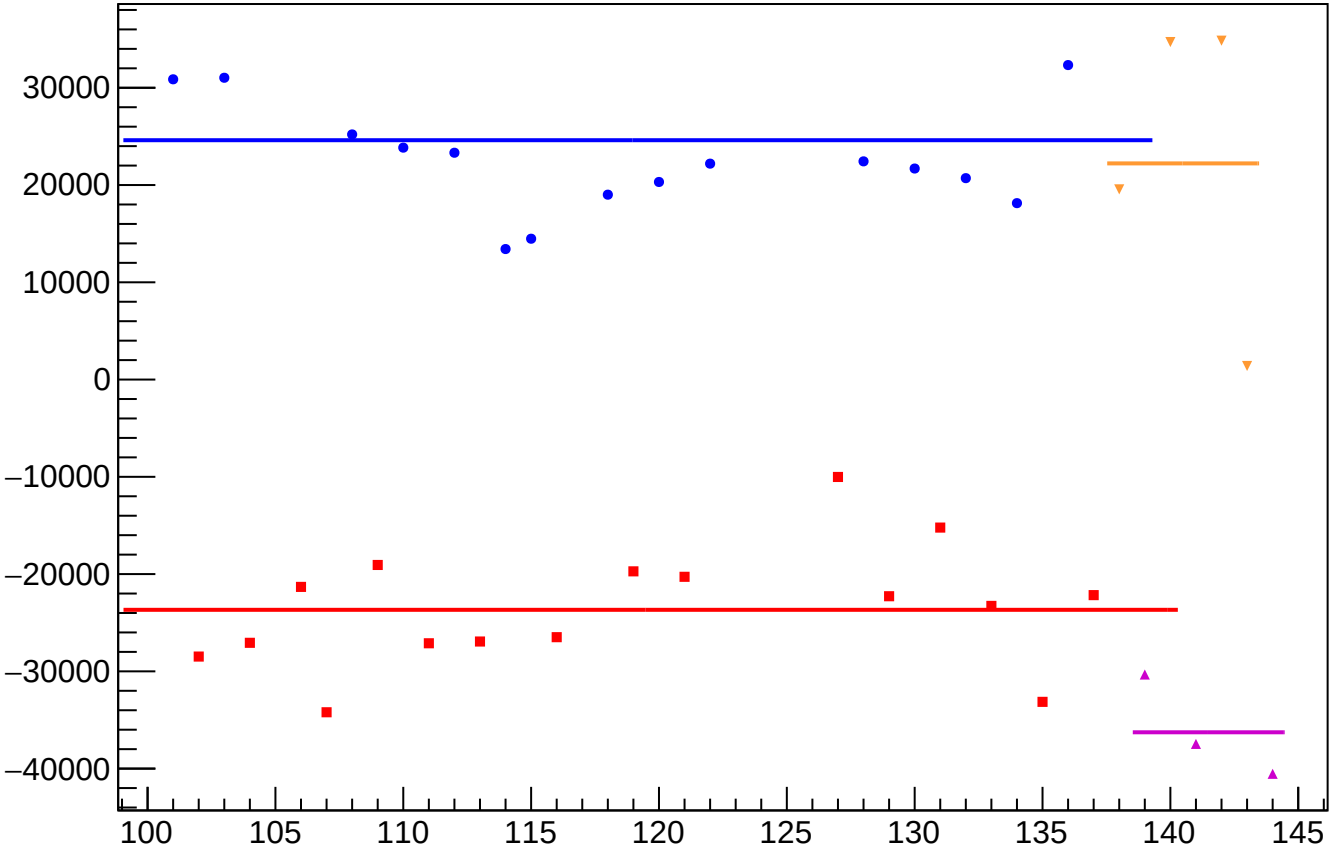
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -6023.793+/-0.000 χ^2/NDF: 50537642319965

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 22224.489+/-0.000 χ^2/NDF:4971001283441157248056665482577117918003 2.0/3

In: 7437.209+/-0.000 χ^2/NDF:7005652452668095

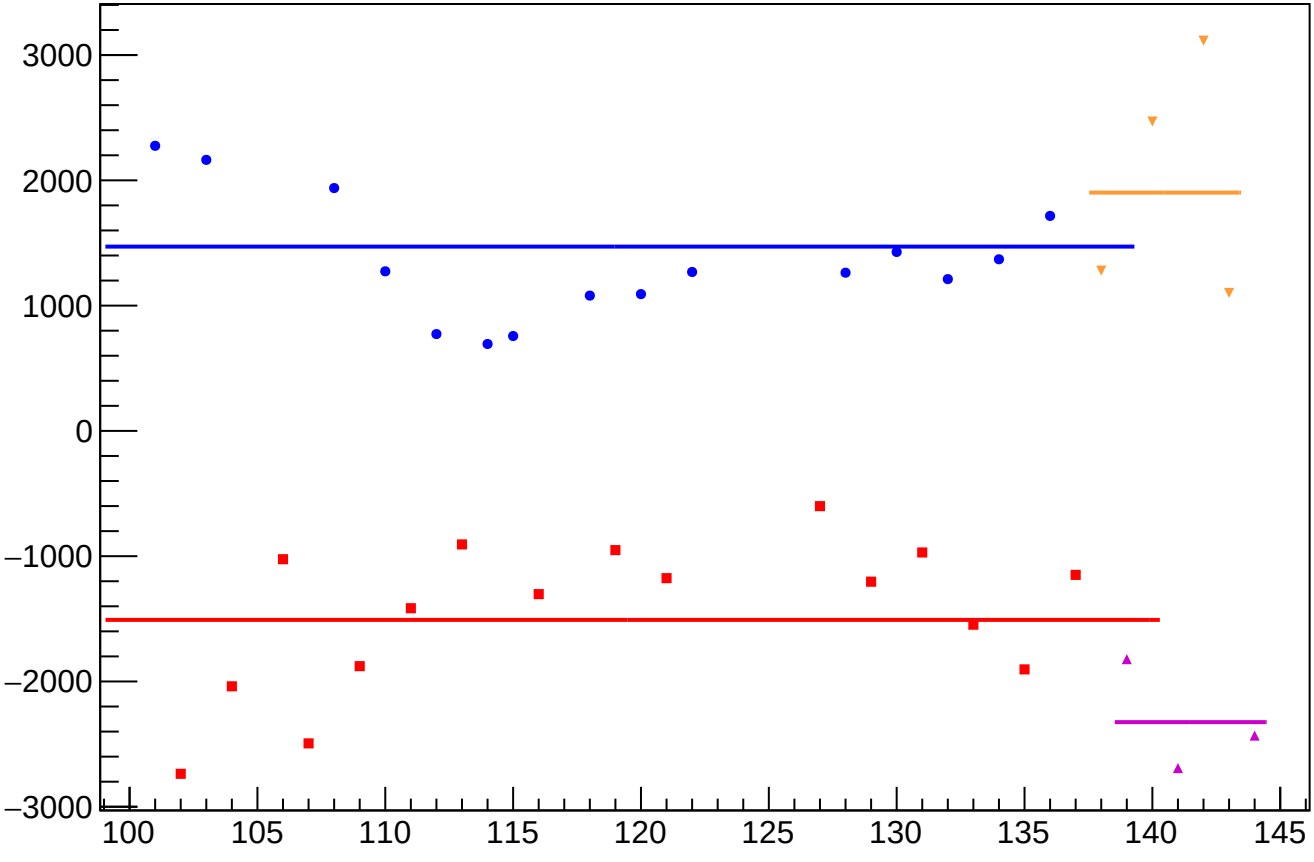
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: -10343.862+/-0.000 χ^2/NDF:4826244842861

Left In: -36266.072+/-0.000 χ^2/NDF:4600009610487101673904058810430033756160.0/2

All: -1626.894+/-0.000 χ^2/NDF: 1328886936

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Left: -139.074+/-0.000 χ^2/NDF: 255576072089450

Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

Right: -39.055+/-0.000 χ^2/NDF: 330947344548199

Left Out: 1902.282+/-0.000 χ^2/NDF:167285626624842993773234689208519491584.0/3

In: 400.428+/-0.000 χ^2/NDF:2809528152816540

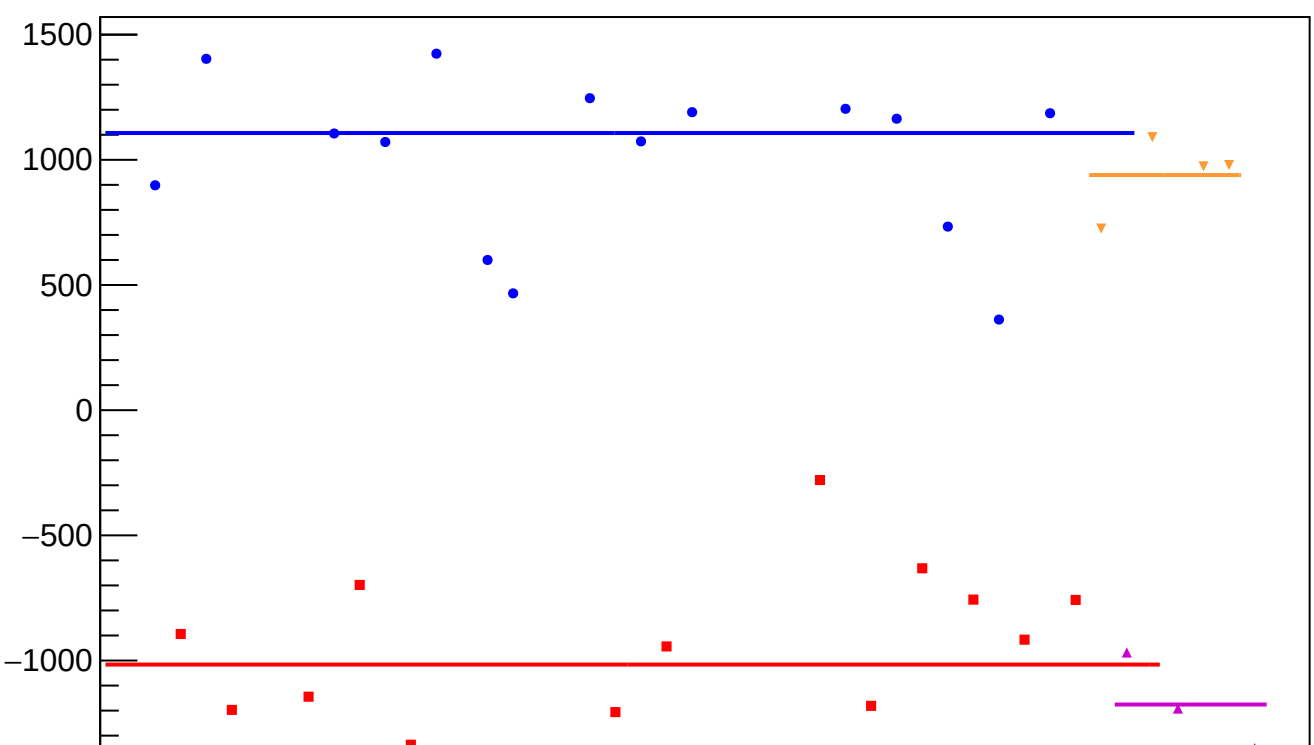
Right Out: -1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

Out: -517.887+/-0.000 χ^2/NDF:267086185290016

Left In: -2324.525+/-0.000 χ^2/NDF:329179301735790156878413516548121559 04.0/2

All: -67.694+/-0.000 χ^2/NDF: 586900376105

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

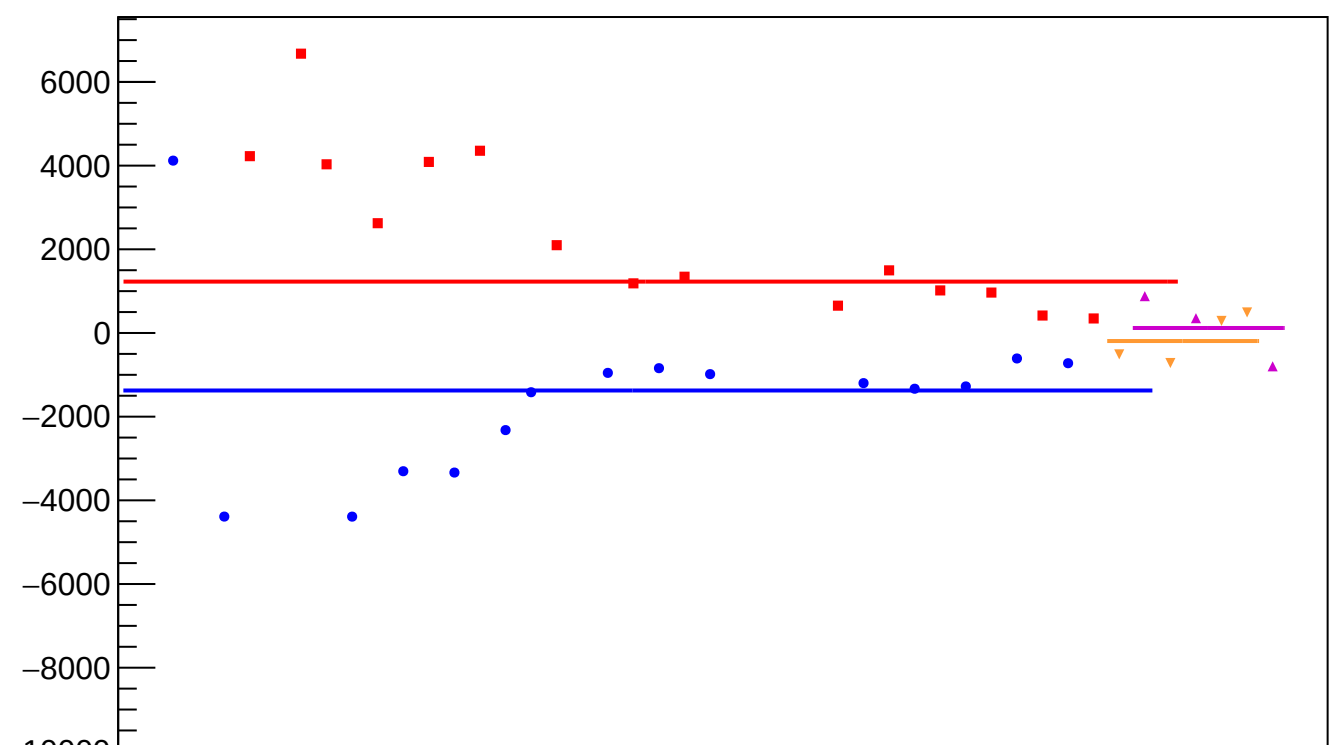
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: -41.907+/-0.000 χ^2/NDF: 2115332771634495

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -192.438+/-0.000 χ^2/NDF:724873686614777737738123327990927458304.0/3

In: -953.151+/-0.000 χ^2/NDF:3607499400613342

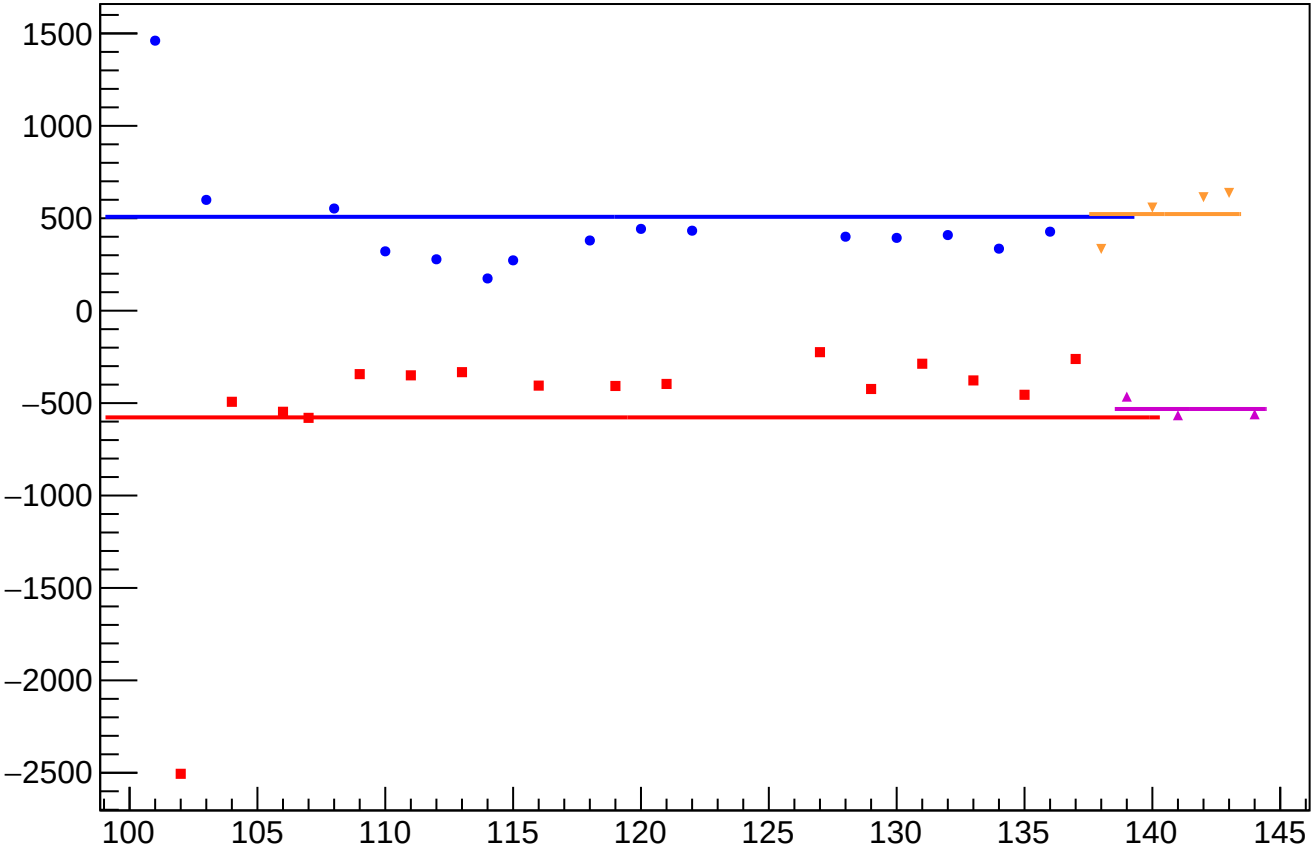
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: 815.383+/-0.000 χ^2/NDF:1157857949322335

Left In: 119.249+/-0.000 χ^2/NDF:1262371329551366769756782963149934428 16.0/2

All: -51.621+/-0.000 χ^2/NDF: 166274041586

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 13.457+/-0.000 χ^2/NDF: 1512944882594809

Right In: 507.809+/-0.000 χ^2/NDF: 6413992796844405459685961346822071910 4.0/14

Right: -42.141+/-0.000 χ^2/NDF: 692705775128653

Left Out: 522.757+/-0.000 χ^2/NDF:4137976801941350690116026547574931456.0/3

In: 214.558+/-0.000 χ^2/NDF:2625298832489921

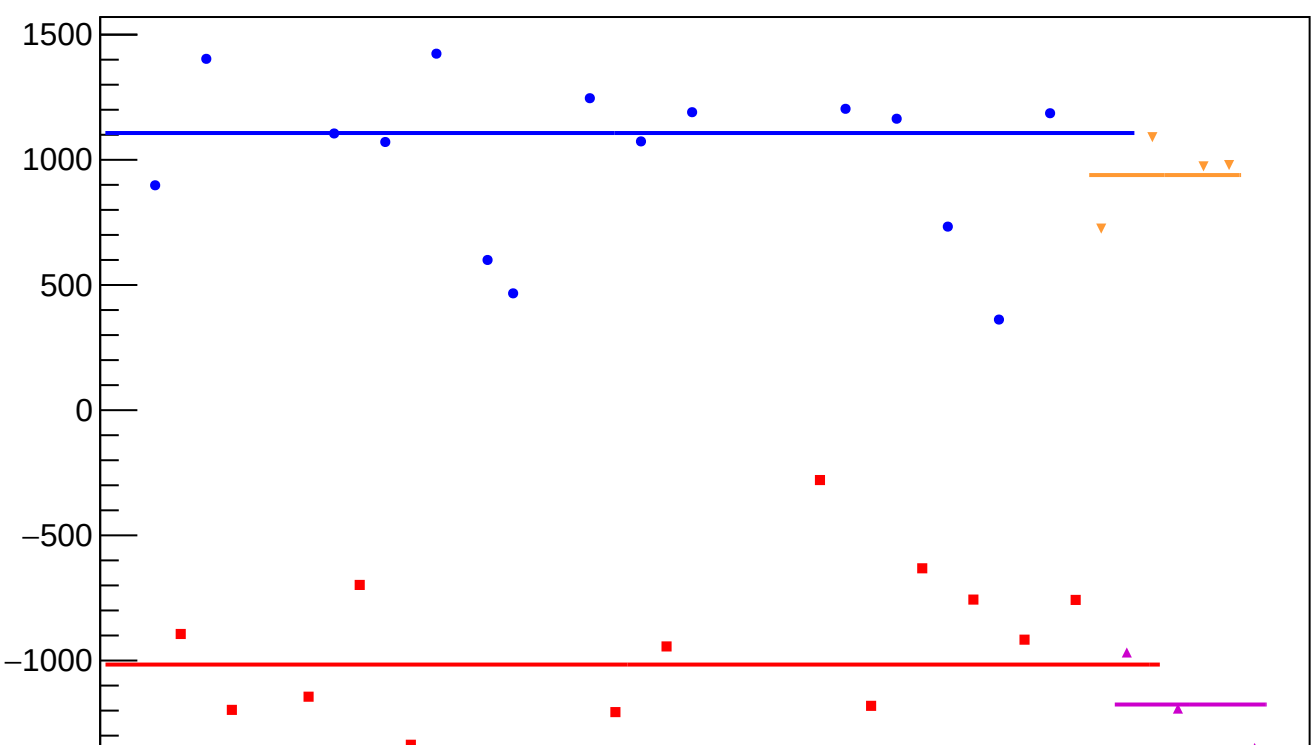
Right Out: -577.250+/-0.000 χ^2/NDF: 2412887806426233916839586415355740815 36.0/15

Out: -257.780+/-0.000 χ^2/NDF:479823653231860

Left In: -531.794+/-0.000 χ^2/NDF:5327558923111967460984914429272391 68.0/2

All: -26.222+/-0.000 χ^2/NDF: 845165048918

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

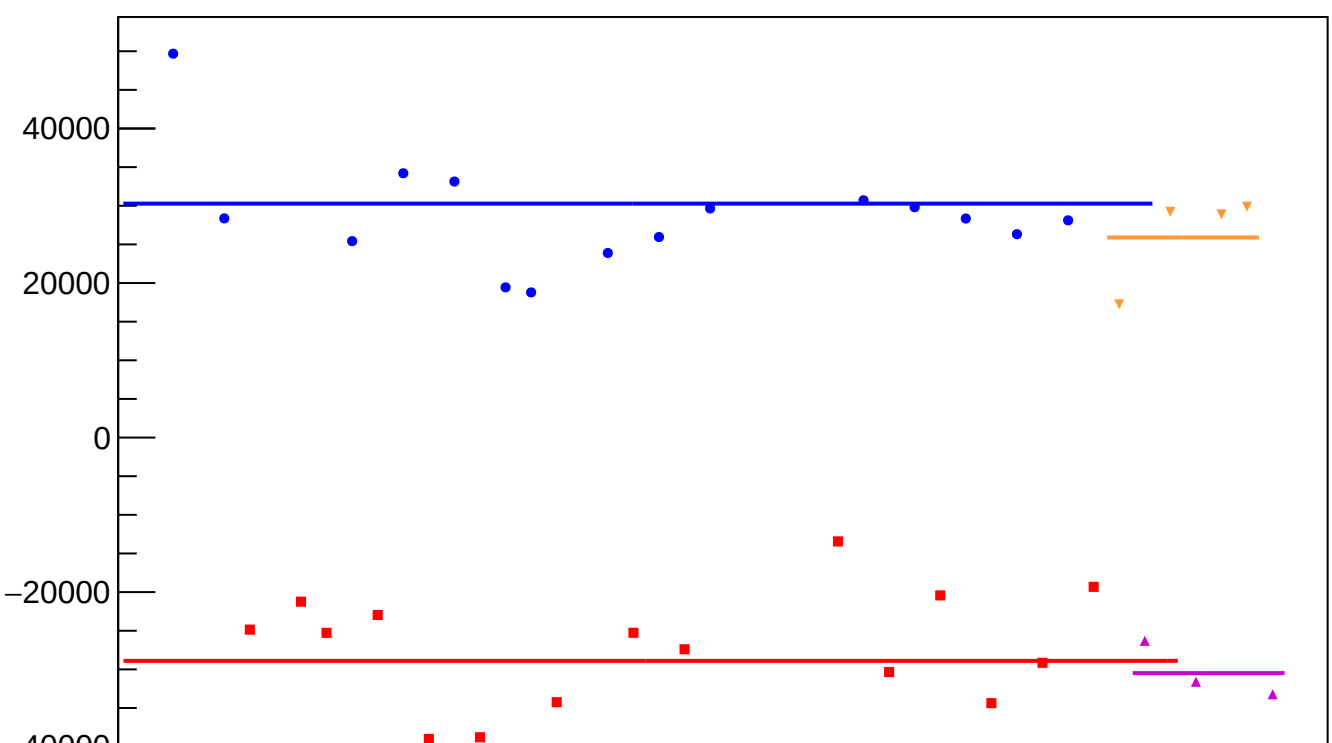
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -1331.646+/-0.000 χ^2/NDF: 42954124431179

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: 25898.497+/-0.000 χ^2/NDF:8215079228977158177293397887216496148480.0/3

In: 13138.048+/-0.000 χ^2/NDF:709052332463990

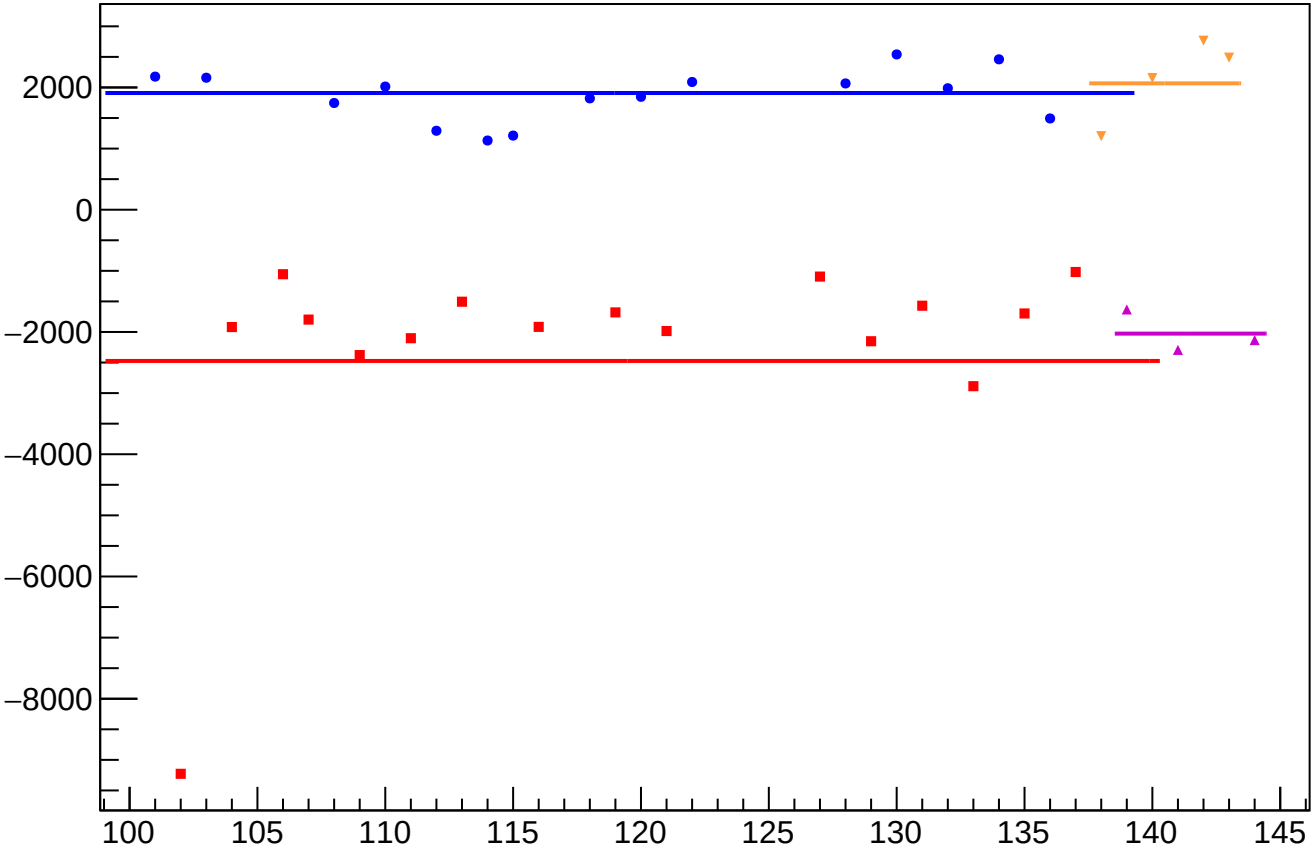
Right Out: -28896.318+/-0.000 χ^2/NDF: 4696950405801035914625056022840971414 7328.0/15

Out: -12982.505+/-0.000 χ^2/NDF:6368048791582

Left In: -30483.917+/-0.000 χ^2/NDF:2188945120645167538704942243176473690112.0/2

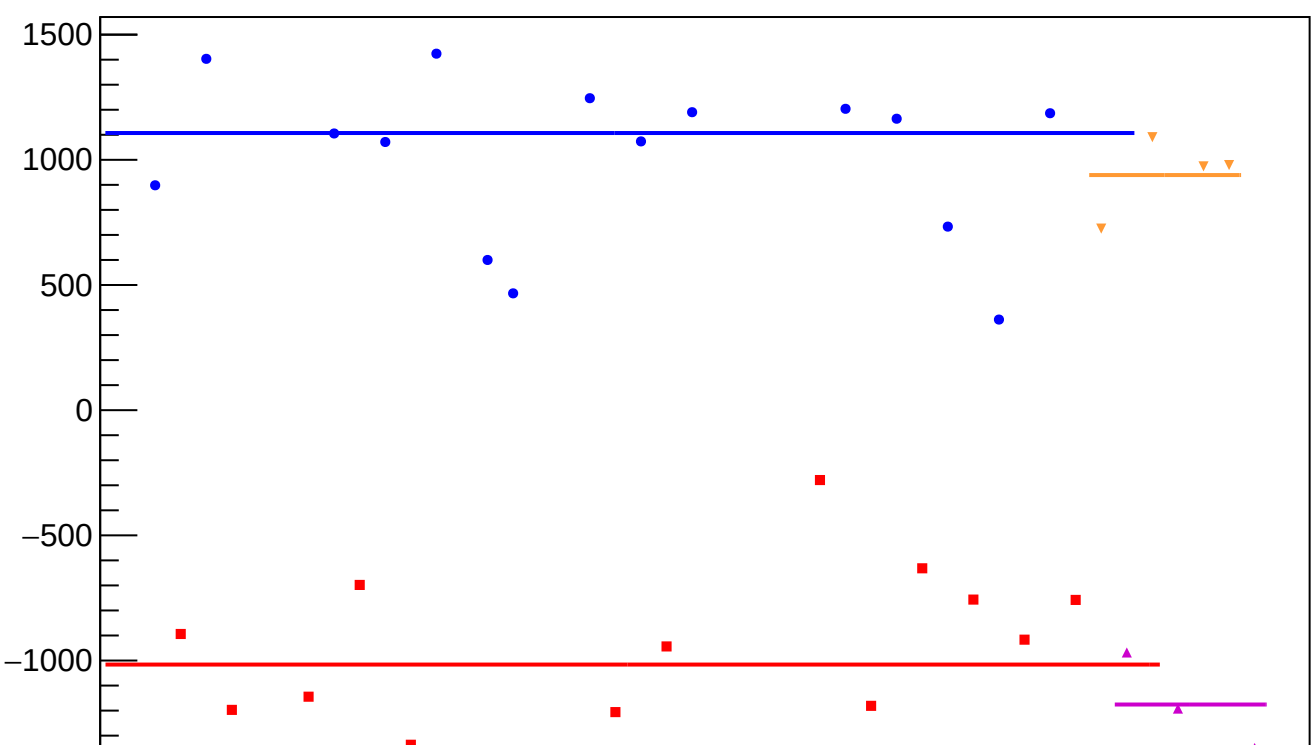
All: -177.201+/-0.000 χ^2/NDF: 16602699225

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 89.908+/-0.000 χ^2/NDF: 2322540421015600
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2067.066+/-0.000 χ^2/NDF:9314414805259103996576424504738394931 2.0/3
In: 799.098+/-0.000 χ^2/NDF:2943794652971025
Right Out: -2473.977+/-0.000 χ^2/NDF: 3033908025746418121738753286600386412544.0/15
Out: -1155.142+/-0.000 χ^2/NDF:7121639400023
Left In: -2026.815+/-0.000 χ^2/NDF:1966545713544957016001599779849109504 0.0/2
All: -197.098+/-0.000 χ^2/NDF: 1182534788

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

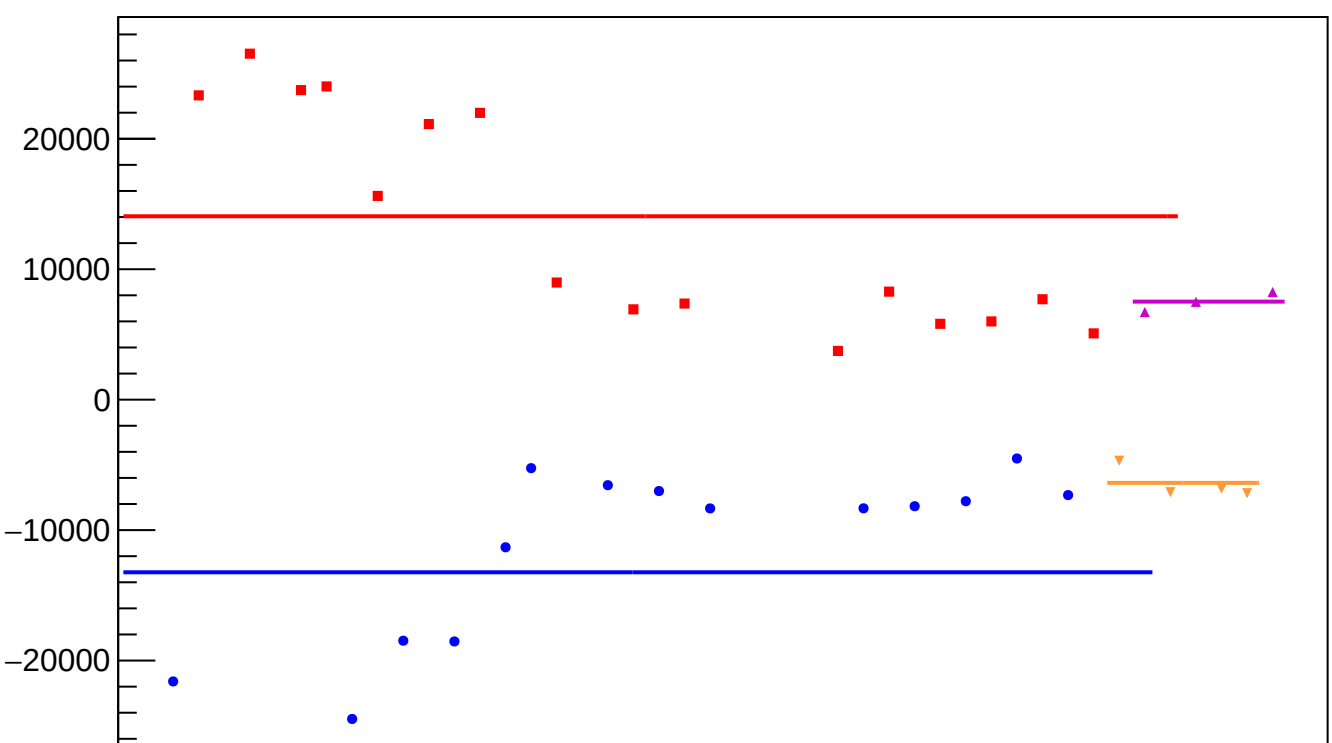
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_sam1_coil4_mean vs Slug, Sign Corrected



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Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -6377.530+/-0.000 χ^2/NDF:318210660668552068845124030545811996672.0/3

In: -7380.590+/-0.000 χ^2/NDF:120169371284760

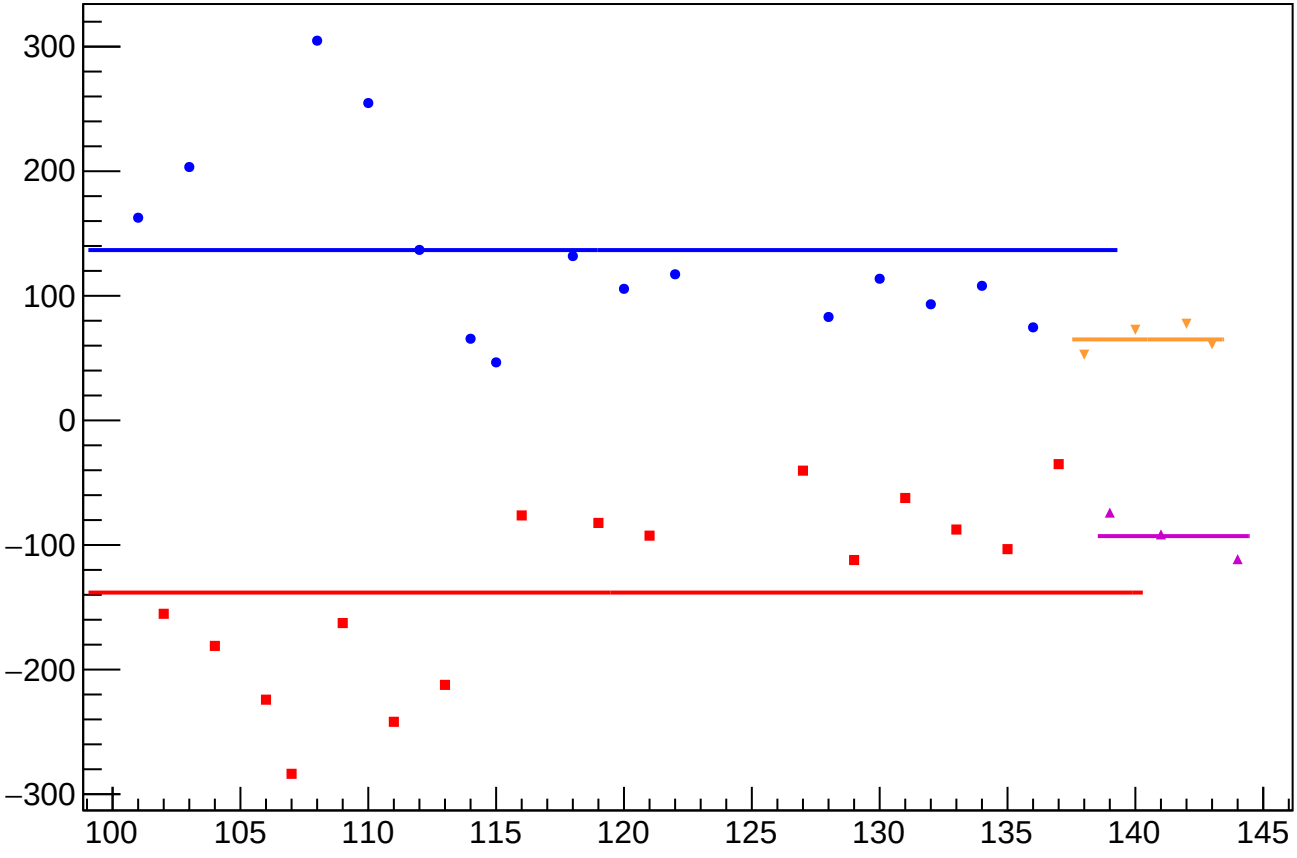
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 8124.493+/-0.000 χ^2/NDF:125722466410739

Left In: 7515.300+/-0.000 χ^2/NDF:995165669113660194985593843470628290 56.0/2

All: 523.302+/-0.000 χ^2/NDF: 35667749762 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



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Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 64.979+/-0.000 χ^2/NDF:2494074717361694850003503337701376 0.0/3

In: 71.950+/-0.000 χ^2/NDF:12395744956158941

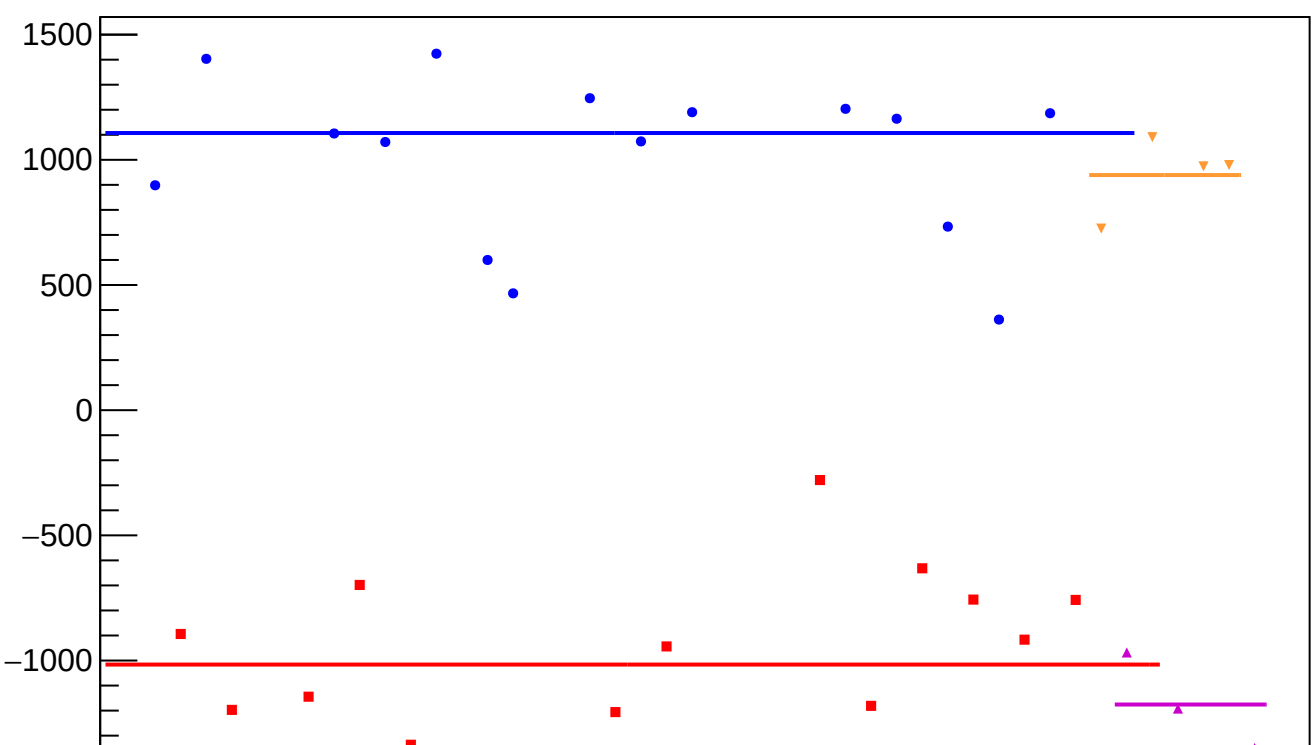
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -79.177+/-0.000 χ^2/NDF:1125101179774321

Left In: -92.871+/-0.000 χ^2/NDF:5944677705526050740305887861565030 4.0/2

All: -5.089+/-0.000 χ^2/NDF: 3417171782993

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

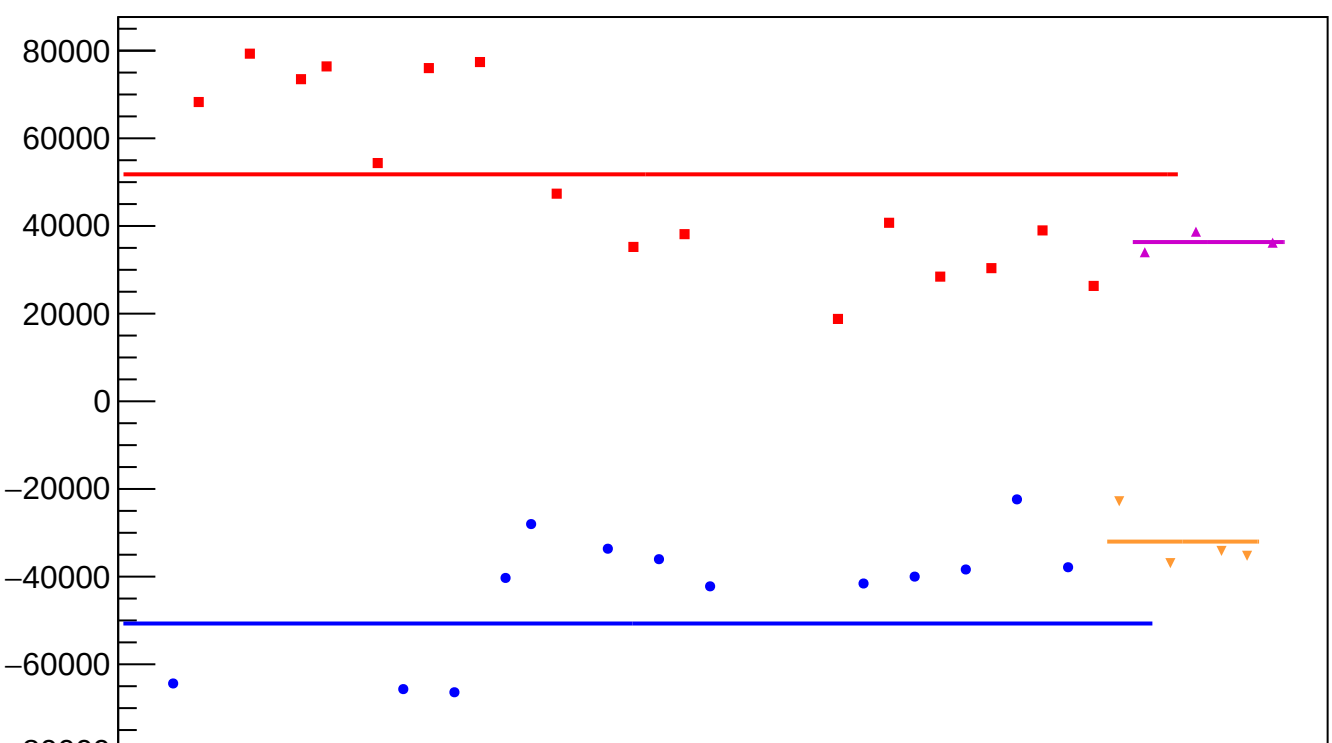
Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 998.804+/-0.000 χ^2/NDF: 6261792415677484

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -32006.240+/-0.000 χ^2/NDF:9496290077292994844335429284665499844608.0/3

In: -26146.304+/-0.000 χ^2/NDF:16141083608445

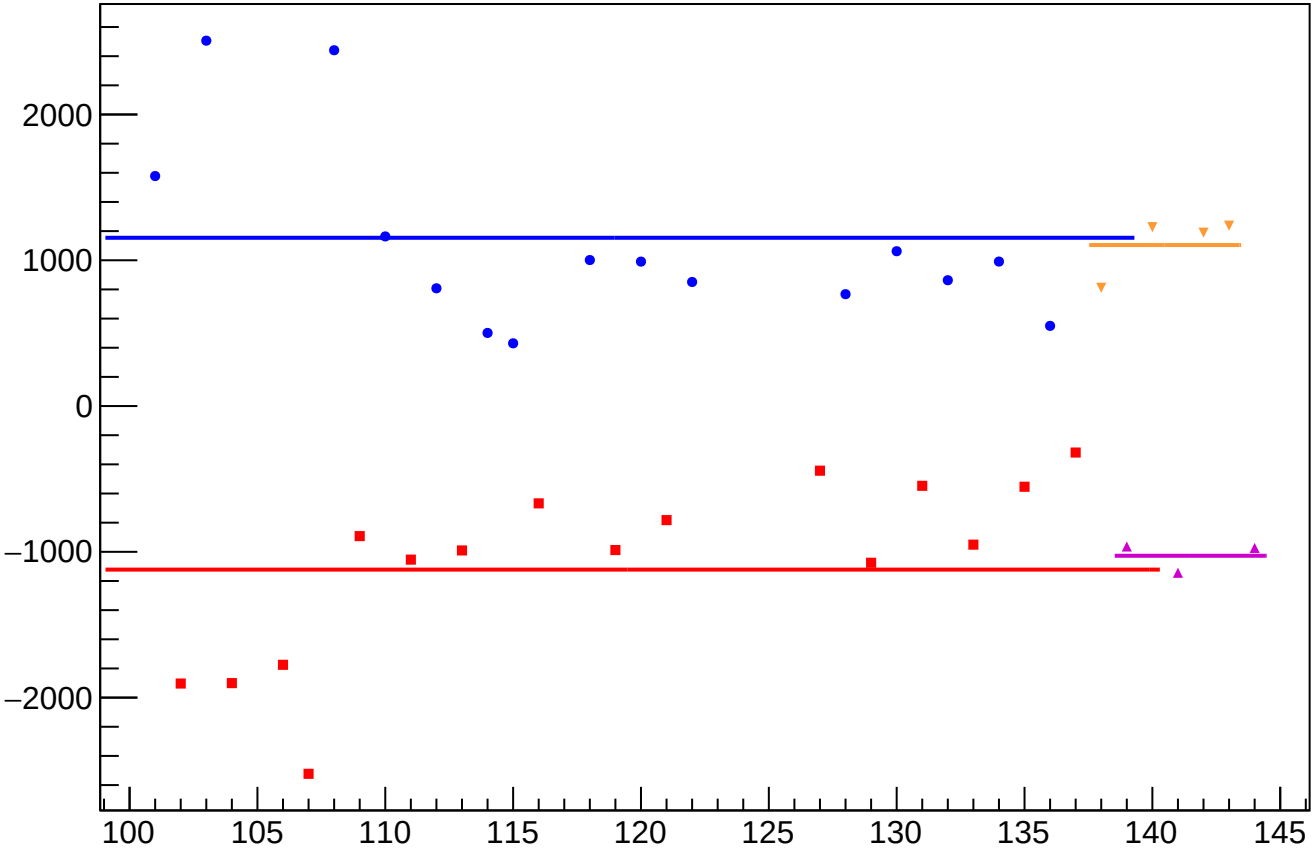
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 27449.113+/-0.000 χ^2/NDF:16513099307971

Left In: 36333.615+/-0.000 χ^2/NDF:91510383979455625975493544771575611392 0.0/2

All: 1174.570+/-0.000 χ^2/NDF: 4589121635 2

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 75.094+/-0.000 χ^2/NDF: 6101484362099622

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946373120 0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997

Left Out: 1104.449+/-0.000 χ^2/NDF:9460166083818012993114935678946246656.0/3

In: 539.044+/-0.000 χ^2/NDF:1122034007019285

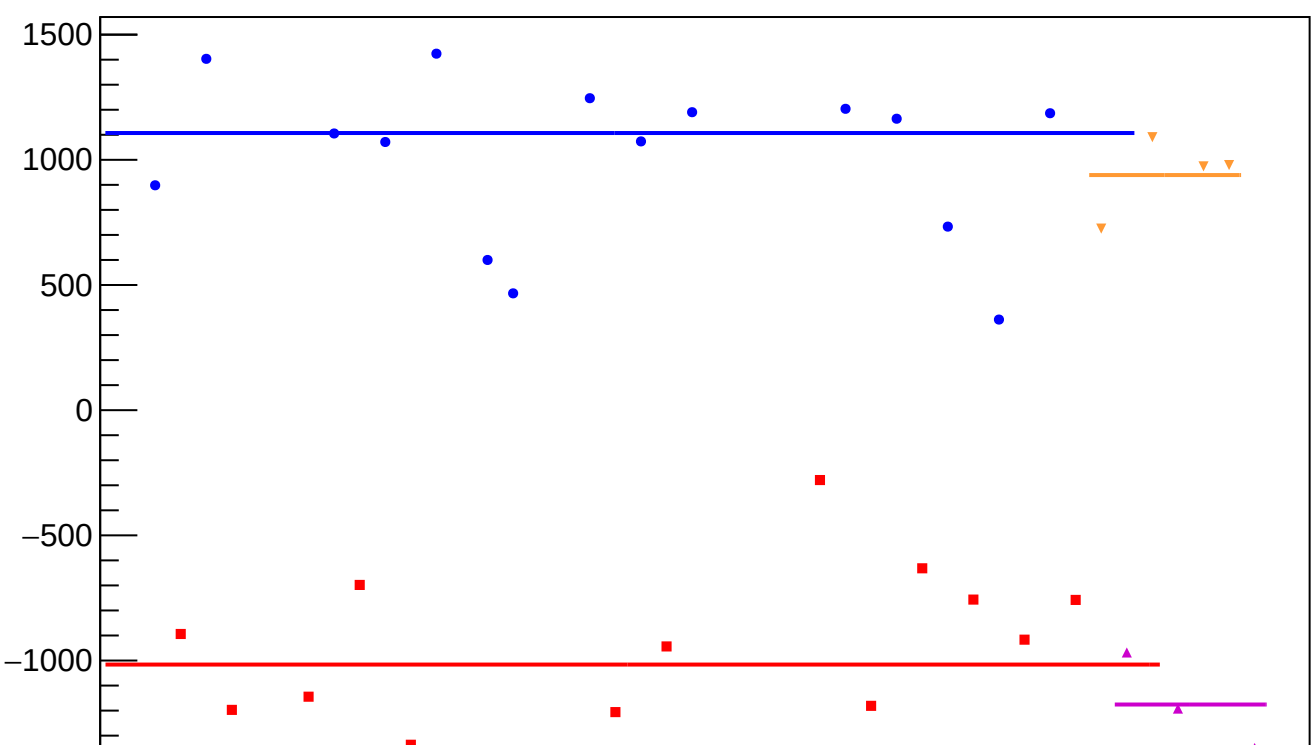
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -475.336+/-0.000 χ^2/NDF:119581690559942

Left In: -1026.921+/-0.000 χ^2/NDF:1743471741926551701030867976442609664.0/2

All: 21.952+/-0.000 χ^2/NDF: 279202340775

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

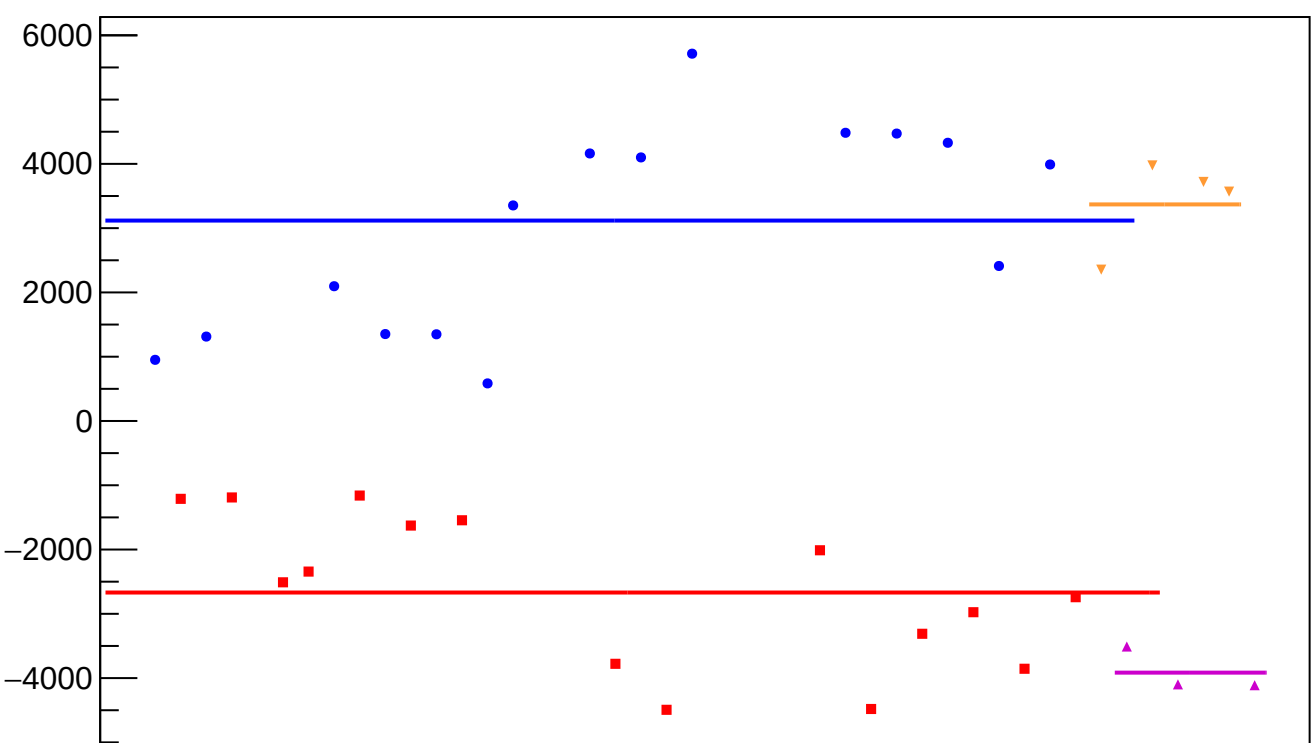
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

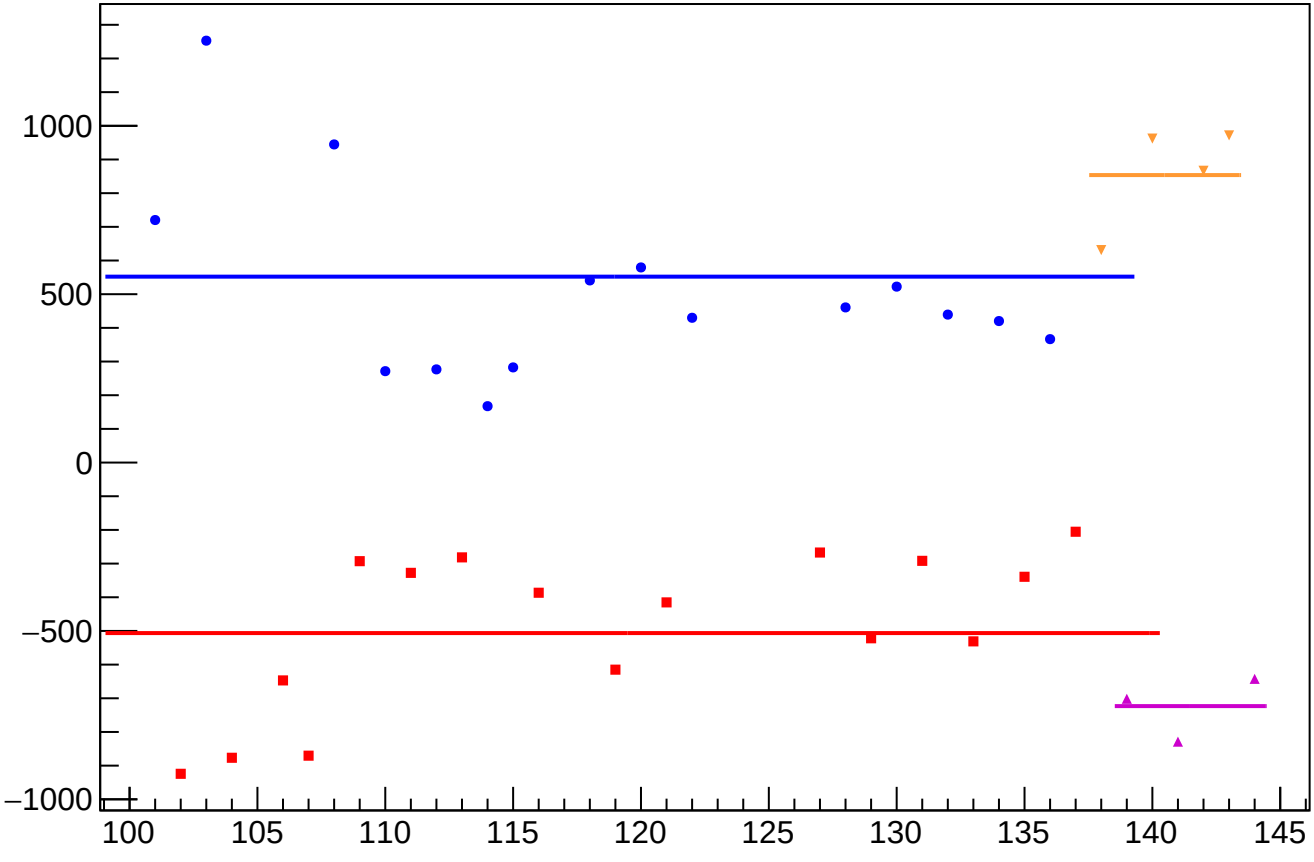
All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_sam3_coil4_mean vs Slug, Sign Corrected



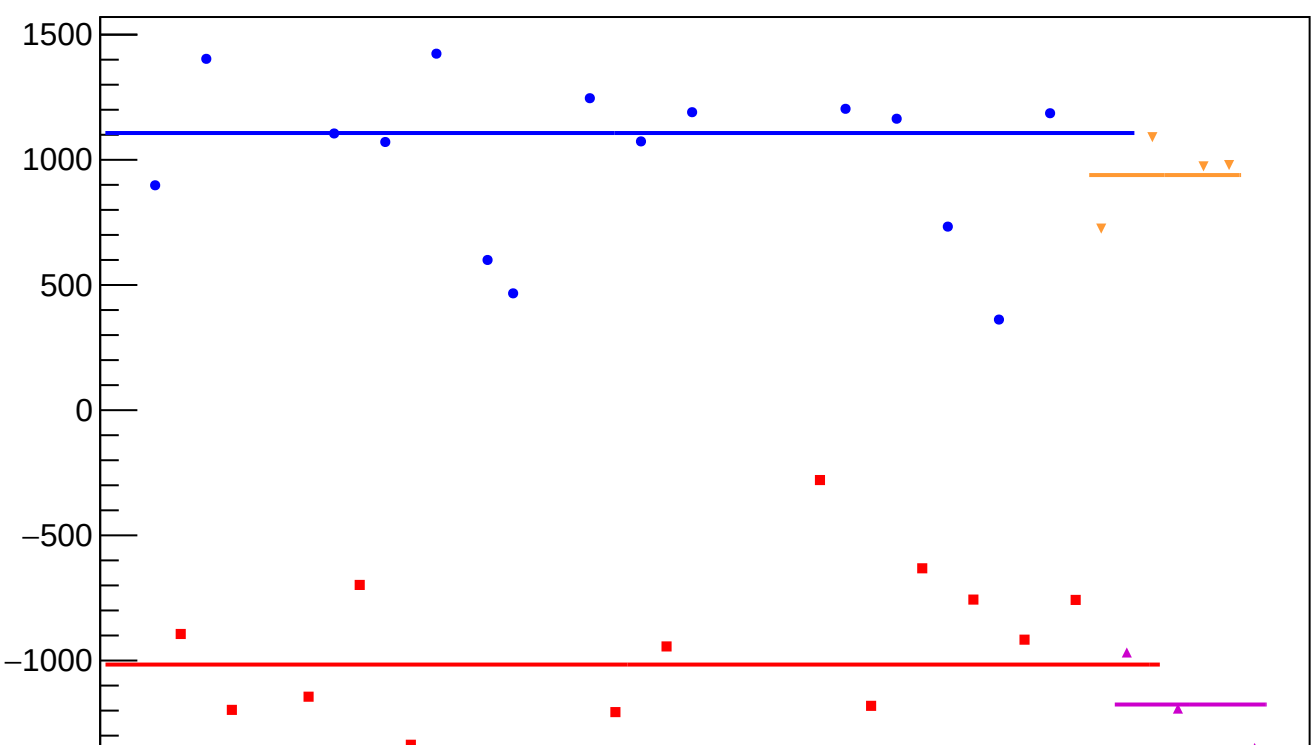
Left: -148.740+/-0.000 χ^2/NDF: 713464953230262
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3369.318+/-0.000 χ^2/NDF:1188435892605907464836020394150372311 04.0/3
In: 1134.035+/-0.000 χ^2/NDF:1062765118892346
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: -915.172+/-0.000 χ^2/NDF:831782302873930
Left In: -3915.131+/-0.000 χ^2/NDF:1960399147012175232666071995368918 2208.0/2
All: 89.428+/-0.000 χ^2/NDF: 2088059075300

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 92.144+/-0.000 χ^2/NDF: 3352138114354064
Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14
Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982
Left Out: 853.740+/-0.000 χ^2/NDF:5771702647375072010948571247746744320.0/3
In: 192.366+/-0.000 χ^2/NDF:3500599708312987
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15
Out: -111.342+/-0.000 χ^2/NDF:401291620515169
Left In: -723.212+/-0.000 χ^2/NDF:1568761745240607336455709546759847936.0/2
All: 37.548+/-0.000 χ^2/NDF: 7938573451767

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

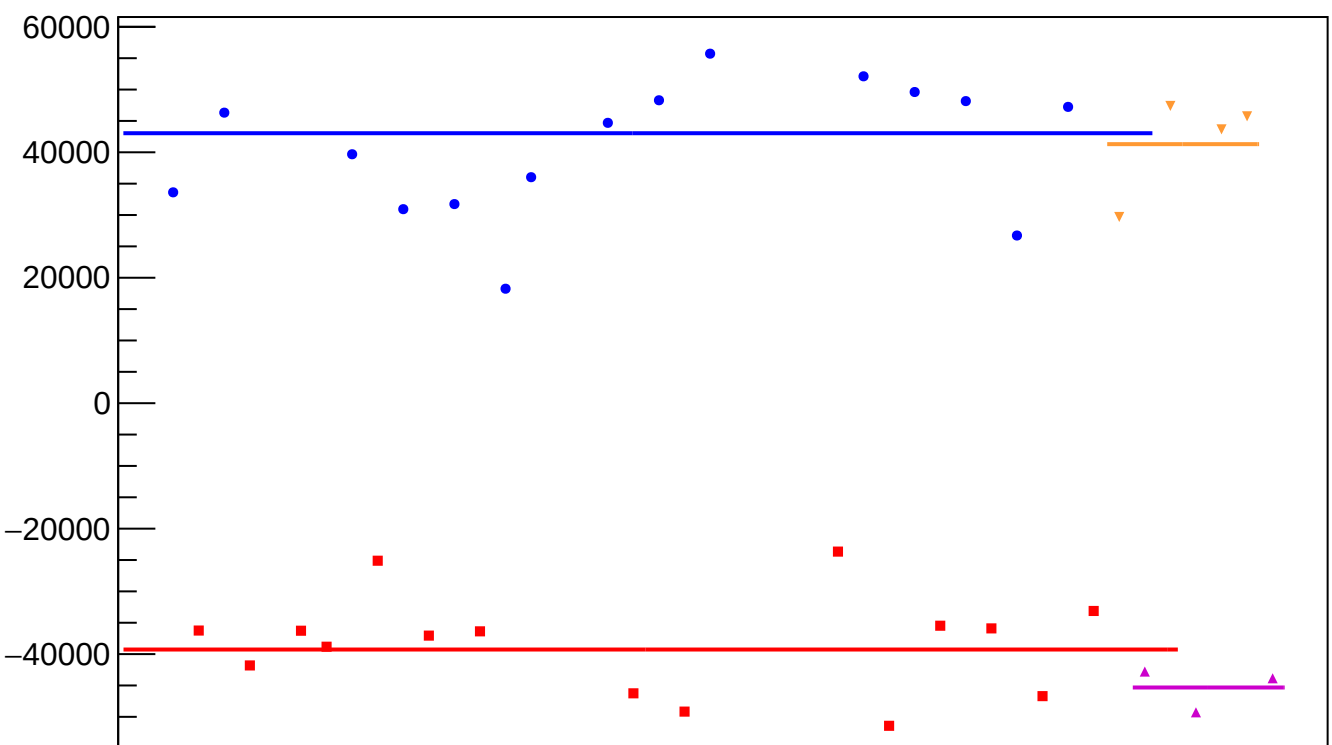
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_sam4_coil4_mean vs Slug, Sign Corrected



Left: -536.127+/-0.000 χ^2/NDF: 100642572492448

Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14

Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556

Left Out: 41297.410+/-0.000 χ^2/NDF:15131179009535681977871861756834600714240.0/3

In: 18114.651+/-0.000 χ^2/NDF:147983983732821

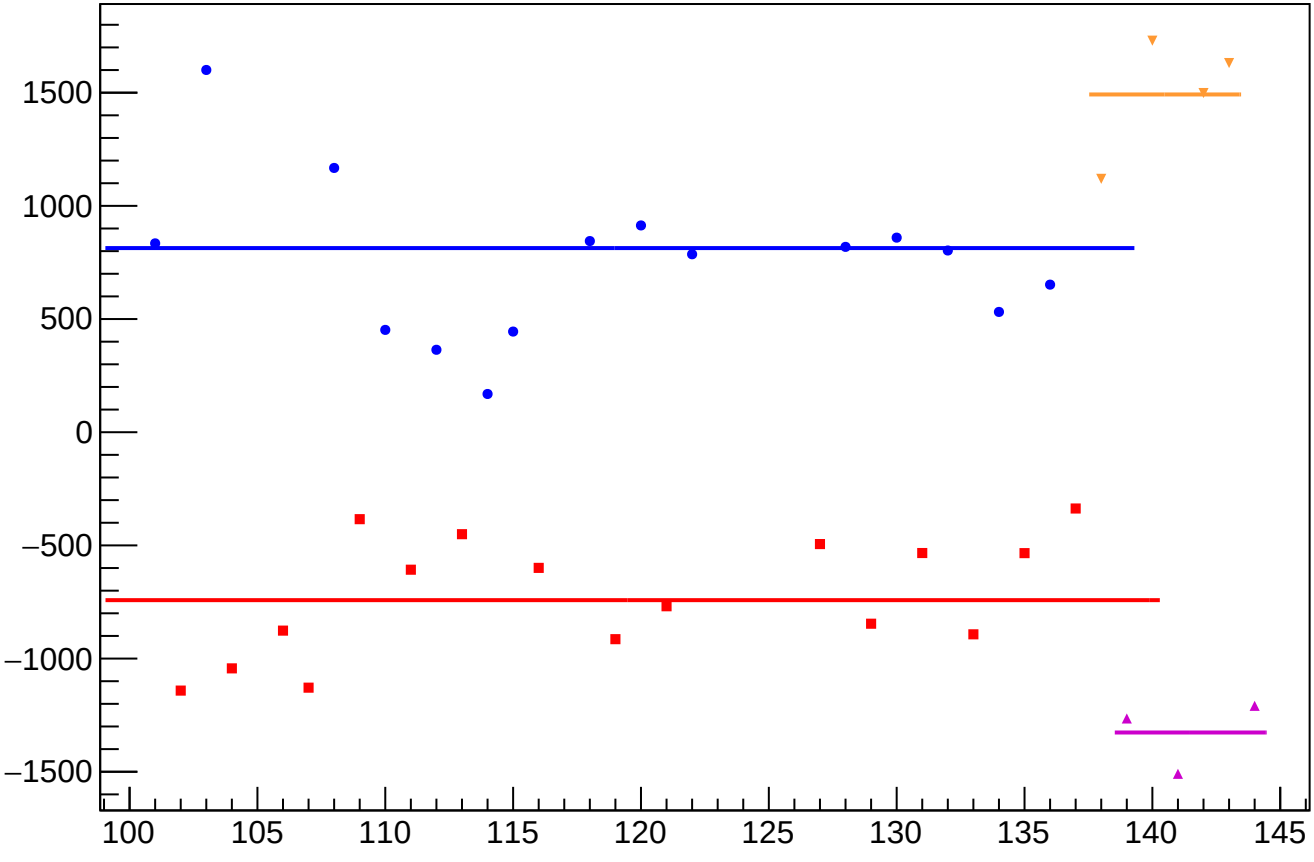
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15

Out: -15870.902+/-0.000 χ^2/NDF:1324409874306

Left In: -45322.621+/-0.000 χ^2/NDF:204564608952479062637932753100553270067 2.0/2

All: 790.128+/-0.000 χ^2/NDF: 33365099809

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 130.843+/-0.000 χ^2/NDF: 1068704887863981

Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984

Left Out: 1492.171+/-0.000 χ^2/NDF:1676134739406025215031987902475979980 8.0/3

In: 209.828+/-0.000 χ^2/NDF:9099452900574342 1

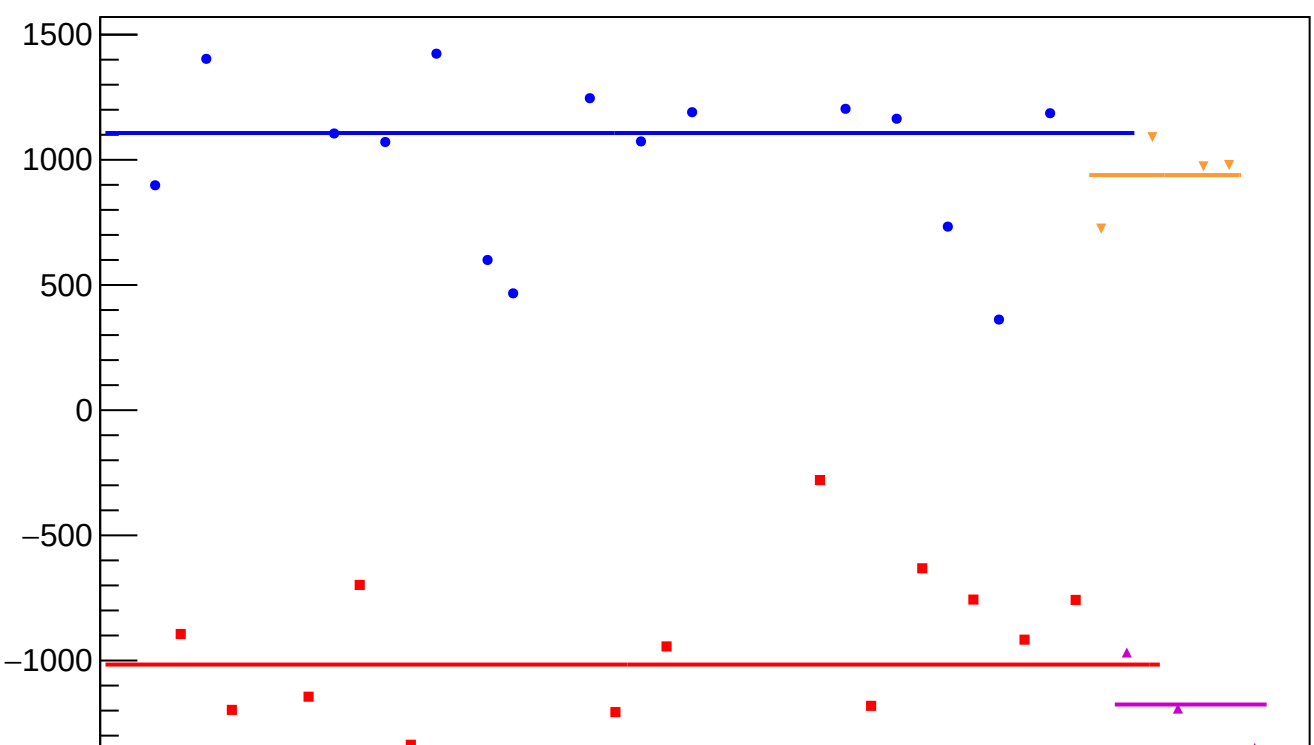
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164569 6.0/15

Out: -93.077+/-0.000 χ^2/NDF:1027684551895319

Left In: -1326.578+/-0.000 χ^2/NDF:4377413943425353146203567931107835904.0/2

All: 55.419+/-0.000 χ^2/NDF: 1979911015372

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

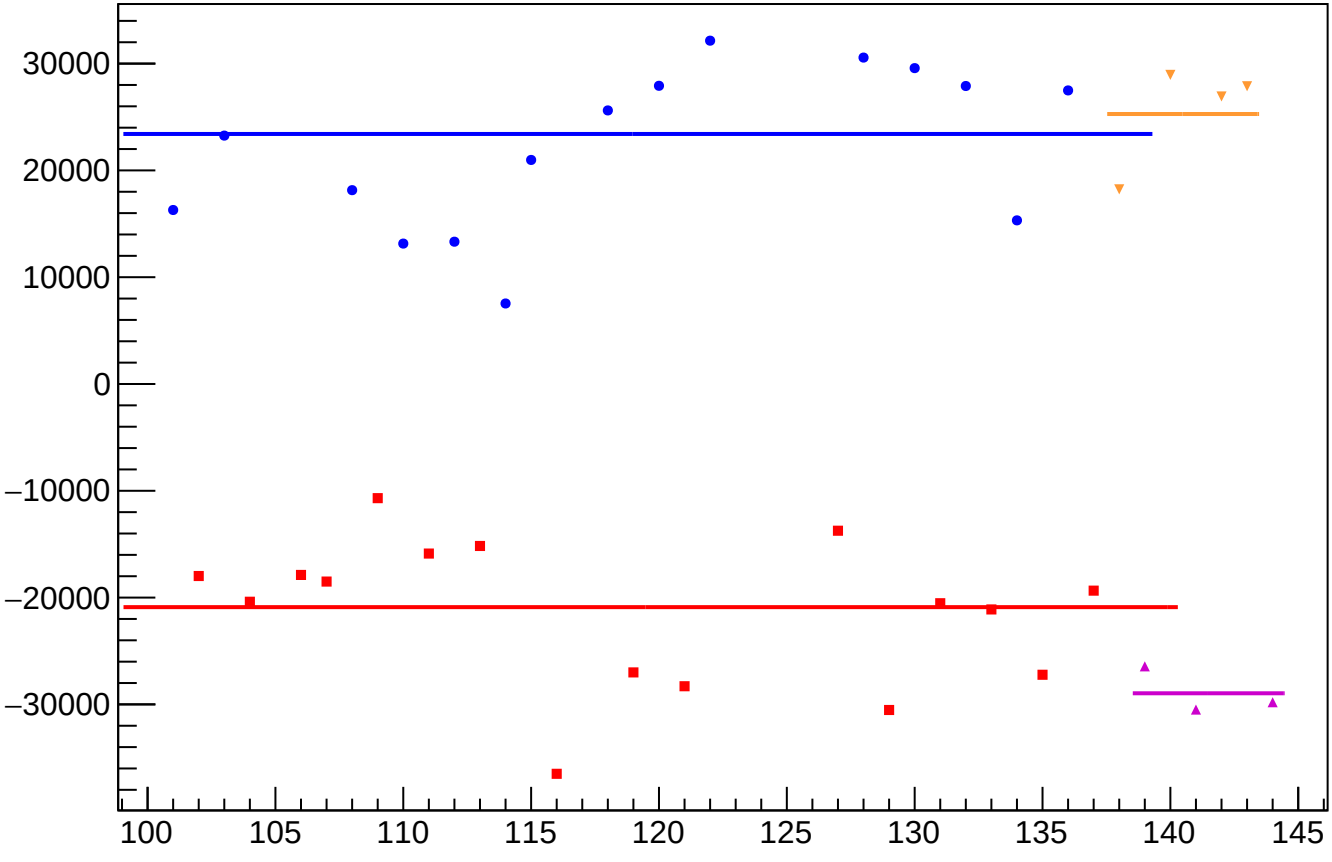
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

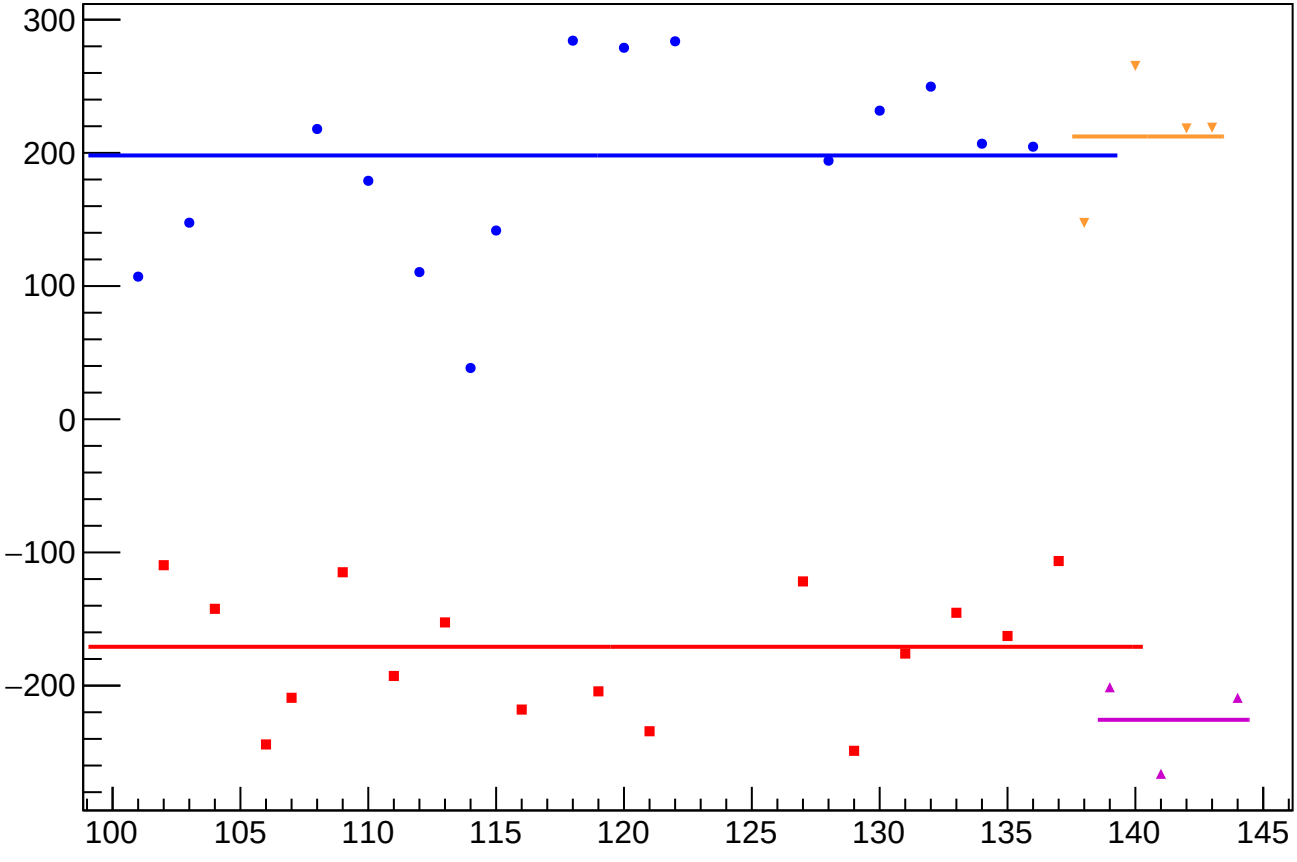
All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -915.364+/-0.000 χ^2/NDF: 394224347654525
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 25280.157+/-0.000 χ^2/NDF:555716908123817788917853408447146701619 2.0/3
In: 8638.576+/-0.000 χ^2/NDF:531321492880855
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: -7483.933+/-0.000 χ^2/NDF:44597641793853
Left In: -28959.979+/-0.000 χ^2/NDF:775518303615976997452929979010179399680.0/2
All: 419.944+/-0.000 χ^2/NDF: 109708240962

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 0.791+/-0.000 χ^2/NDF: 260655121839132042

Right In: 198.056+/-0.000 χ^2/NDF: 24829287922938644159223829900348620 80.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 212.308+/-0.000 χ^2/NDF:5632304717482752917765811019238604 80.0/3

In: 78.535+/-0.000 χ^2/NDF:3556224550626105 09

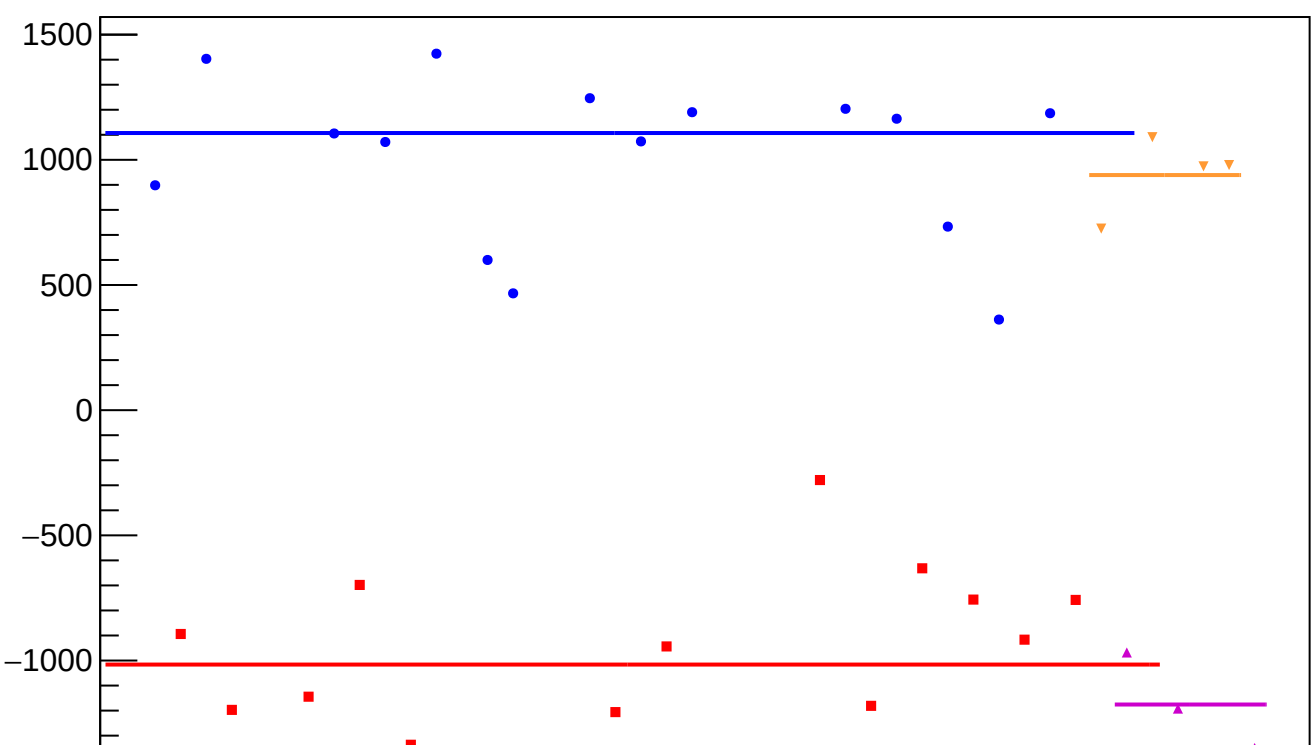
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: -59.572+/-0.000 χ^2/NDF:3042089379172996

Left In: -225.658+/-0.000 χ^2/NDF:2122839457561464865491832717443072 00.0/2

All: 8.133+/-0.000 χ^2/NDF: 7477268546154 6

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

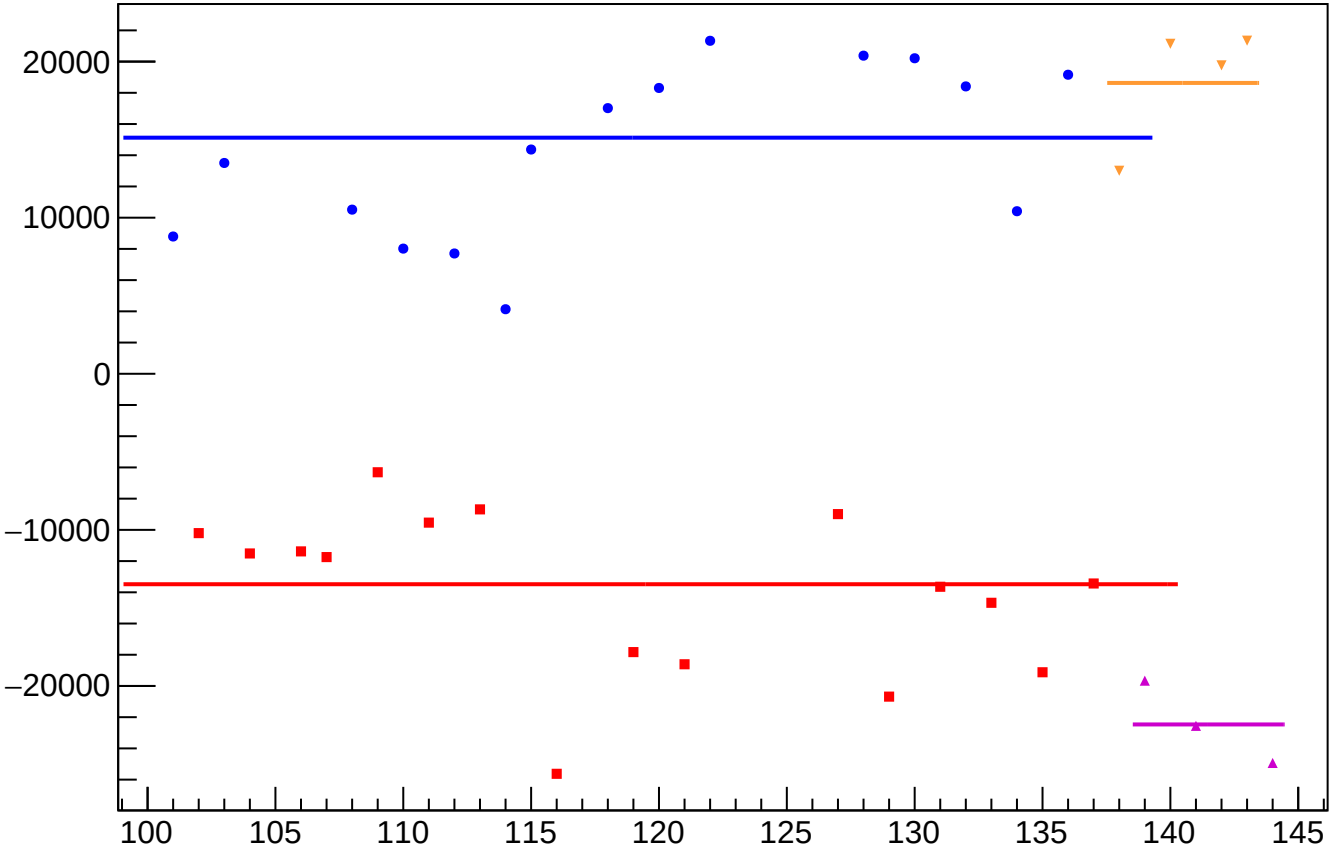
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -1215.681+/-0.000 χ^2/NDF: 22740762967730

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 18632.762+/-0.000 χ^2/NDF:353370115930741249551654181088055735 0912.0/3

In: 4522.171+/-0.000 χ^2/NDF:276488037953992 8

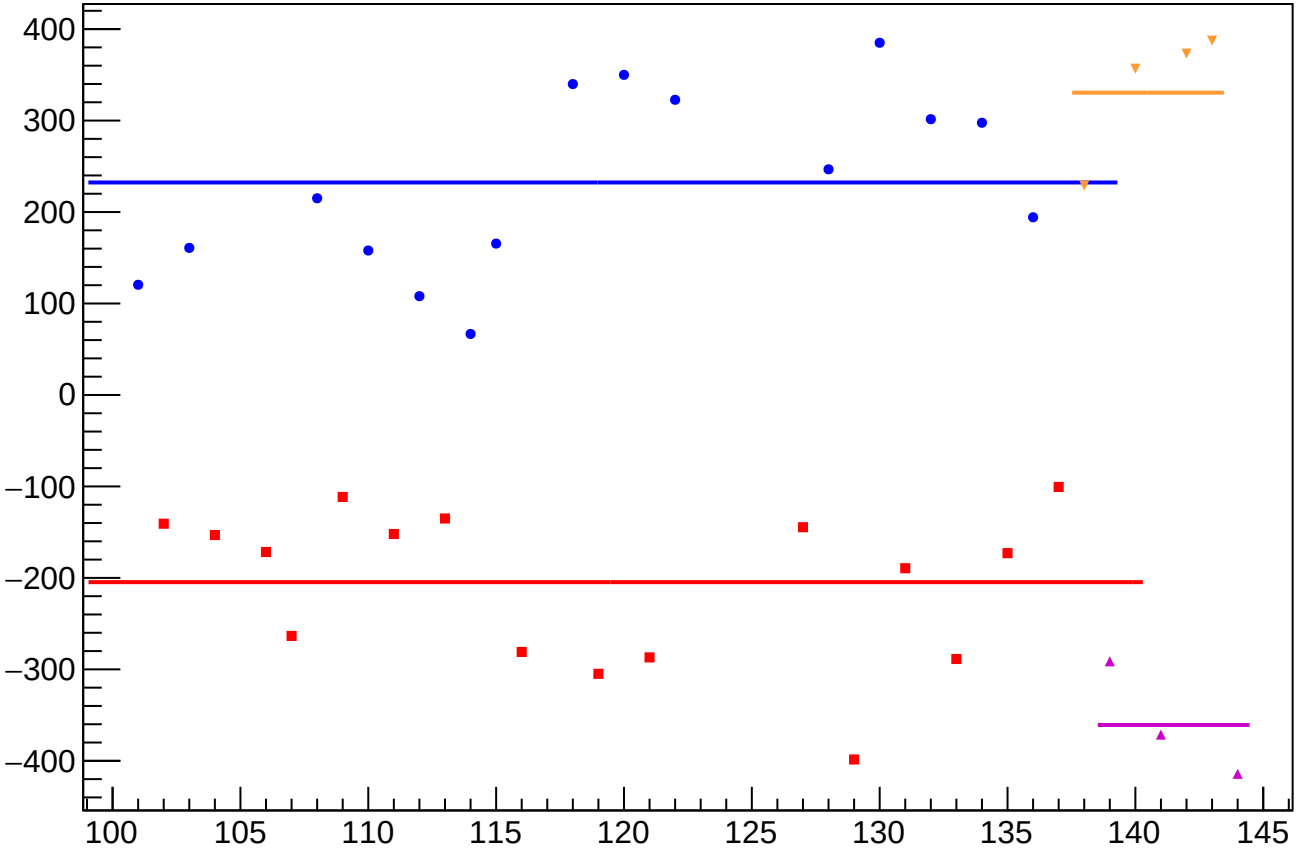
Right Out: -13482.244+/-0.000 χ^2/NDF: 159104264754078252502522487498 10022088704.0/15

Out: -4155.227+/-0.000 χ^2/NDF:21923545605459

Left In: -22465.191+/-0.000 χ^2/NDF:11795377496728017857306799638635536 71168.0/2

All: 98.769+/-0.000 χ^2/NDF: 5304222852162

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: -3.372+/-0.000 χ^2/NDF: 64827454046749013

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 330.500+/-0.000 χ^2/NDF:116110267633329653789170254676492288 0.0/3

In: 65.004+/-0.000 χ^2/NDF:70536650569172981 4

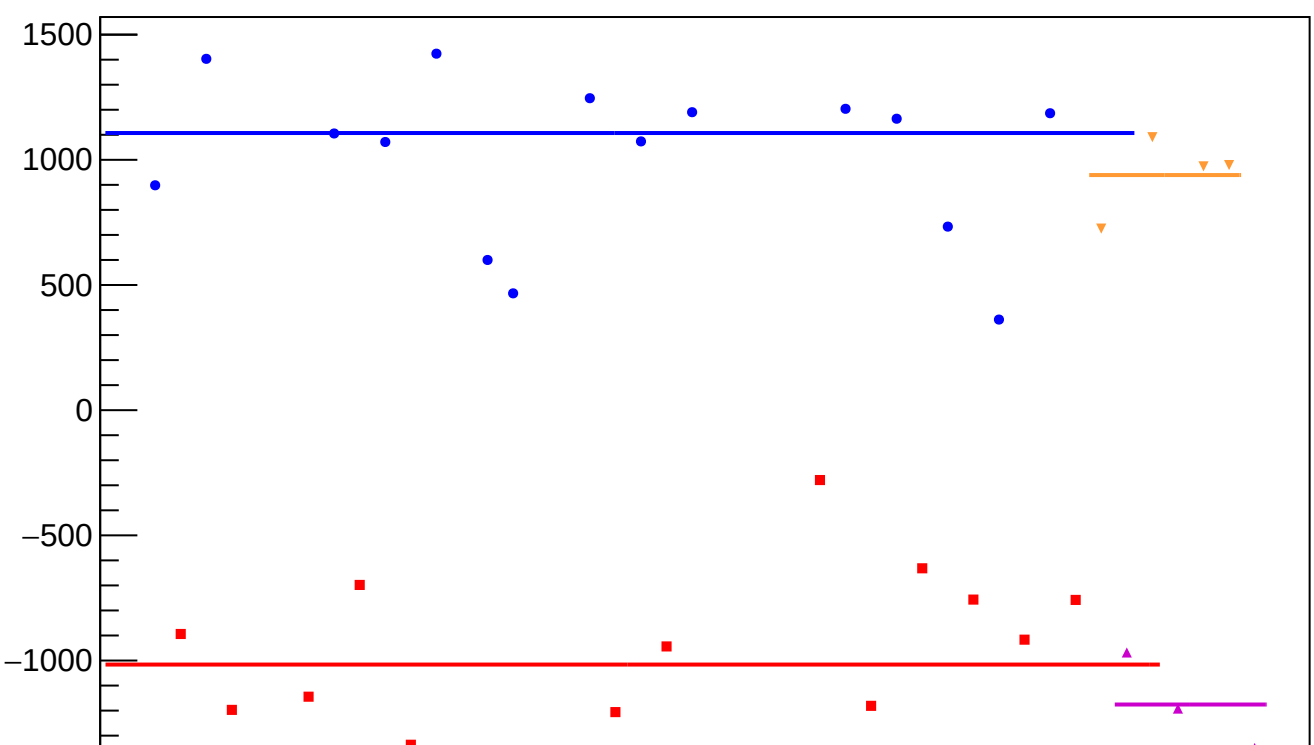
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: -49.220+/-0.000 χ^2/NDF:6119029430635170

Left In: -360.811+/-0.000 χ^2/NDF:655508761362888166052838839053975552.0/2

All: 6.777+/-0.000 χ^2/NDF: 1377393682359 8

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

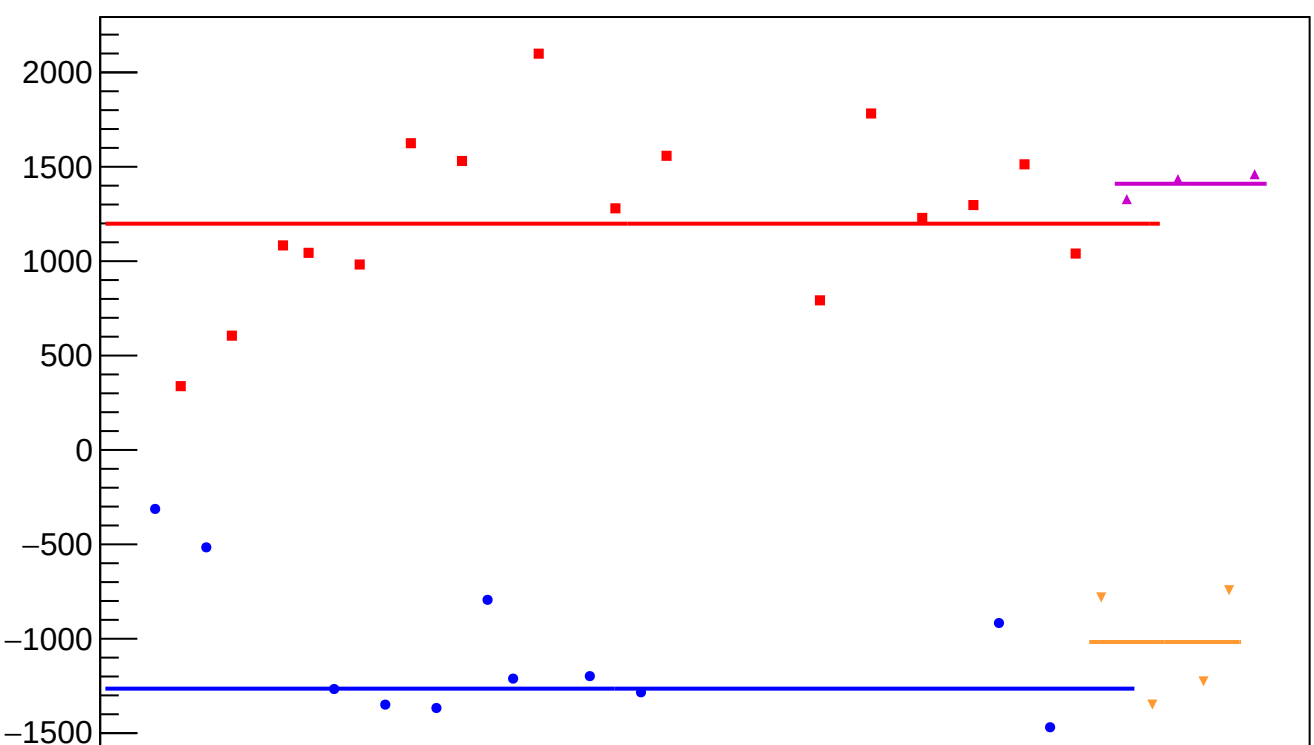
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_sam7_coil4_mean vs Slug, Sign Corrected



Left: 155.075+/-0.000 χ^2/NDF: 7979954788121791

Right In: -1264.303+/-0.000 χ^2/NDF: 14021525153850265754917399454393198182 4.0/14

Right: -16.067+/-0.000 χ^2/NDF: 226649511001664

Left Out: -1017.169+/-0.000 χ^2/NDF:204098008075141671370337202718124277 76.0/3

In: -509.918+/-0.000 χ^2/NDF:145039025581359 4

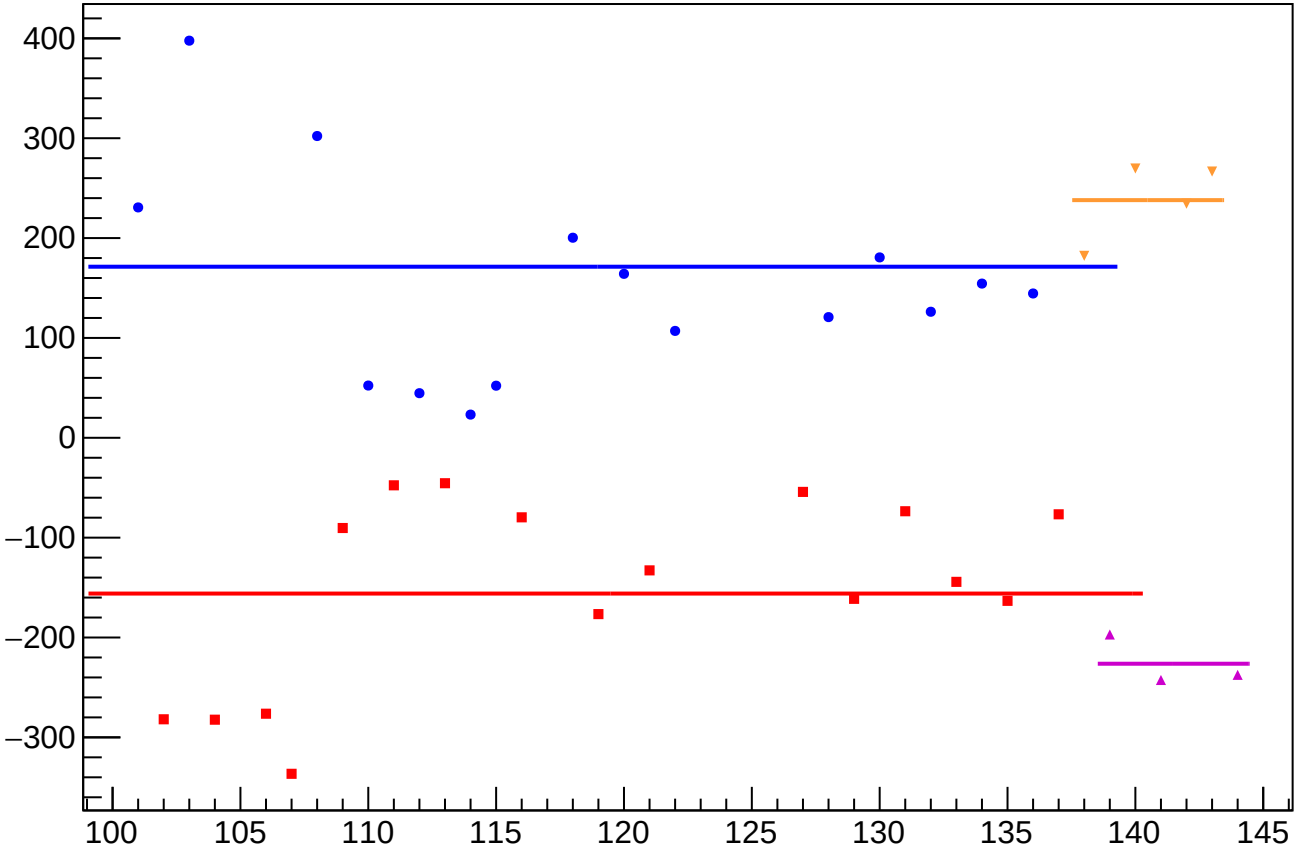
Right Out: 1198.483+/-0.000 χ^2/NDF: 131164763898016793515492217696167133184.0/15

Out: 555.001+/-0.000 χ^2/NDF:110253837379404 7

Left In: 1410.066+/-0.000 χ^2/NDF:815126939116369393124661291395317760.0/2

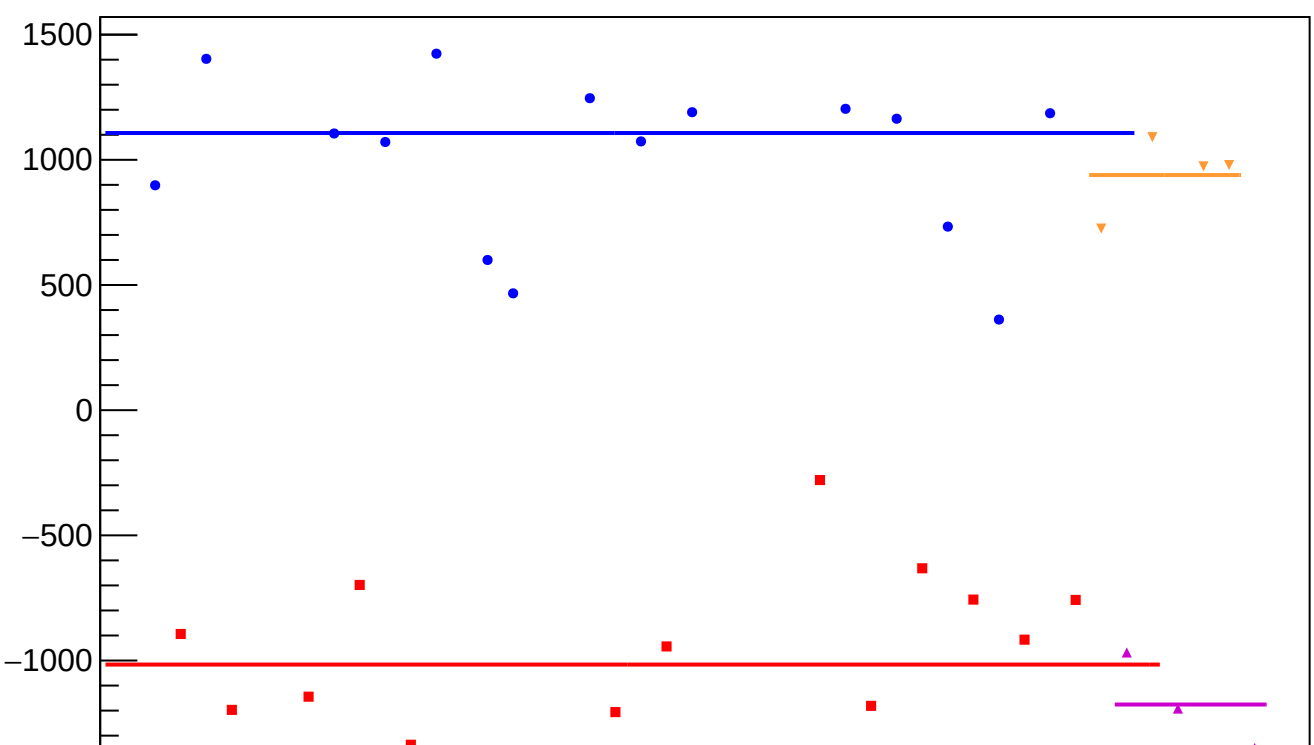
All: 32.937+/-0.000 χ^2/NDF: 3075527355351

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 13.777+/-0.000 χ^2/NDF: 2890065356725070
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: 237.992+/-0.000 χ^2/NDF:380454780352925982885157784684331008.0/3
In: 59.172+/-0.000 χ^2/NDF:3516258488376164 98
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: -41.570+/-0.000 χ^2/NDF:3613020453856681
Left In: -226.264+/-0.000 χ^2/NDF:1029026833922720742730506477879951 36.0/2
All: 7.817+/-0.000 χ^2/NDF: 7596964294940 2

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:5607072931666446089606960330320117760.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

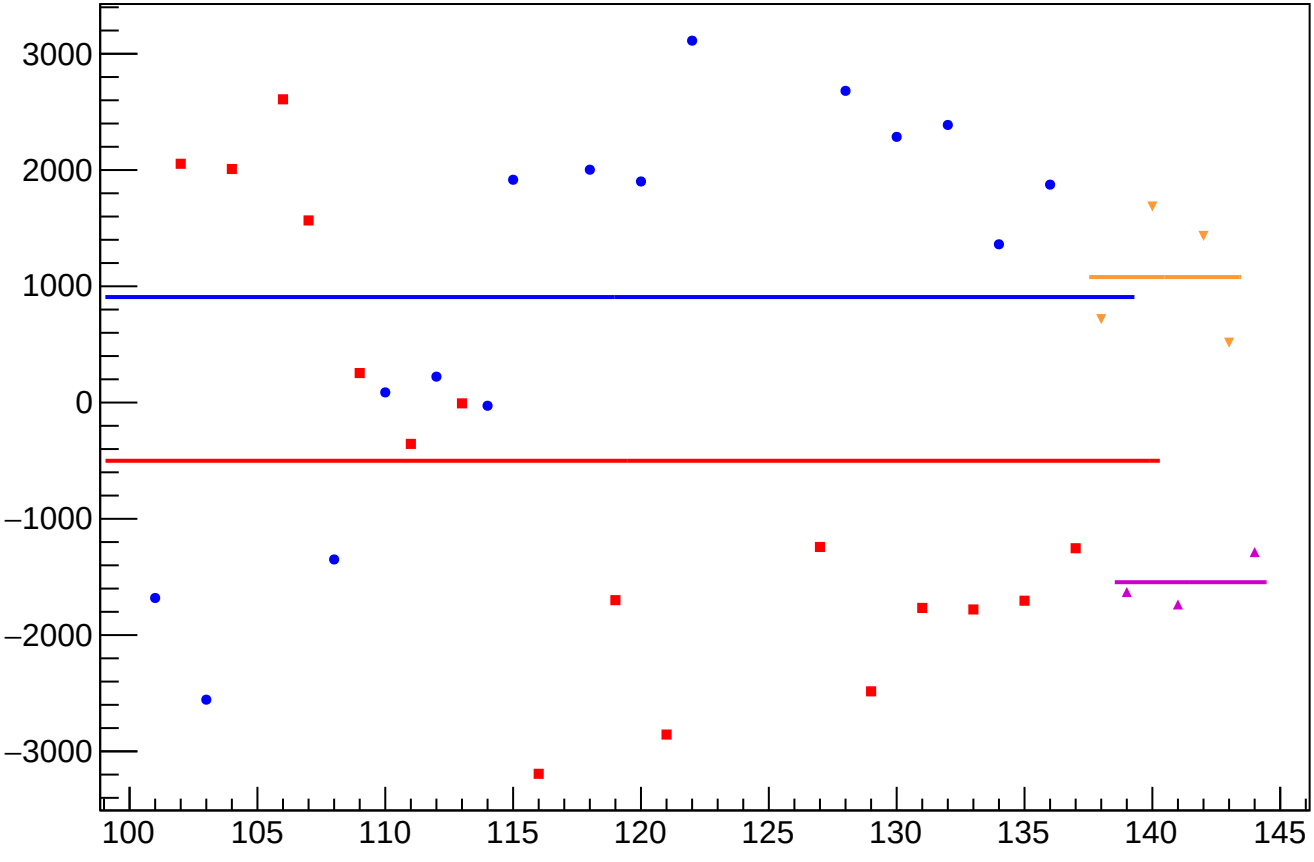
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -188.172+/-0.000 χ^2/NDF: 985271693691485

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1079.301+/-0.000 χ^2/NDF:6750763298518079727324780316557364428 8.0/3

In: 215.626+/-0.000 χ^2/NDF:3218071053186311 4

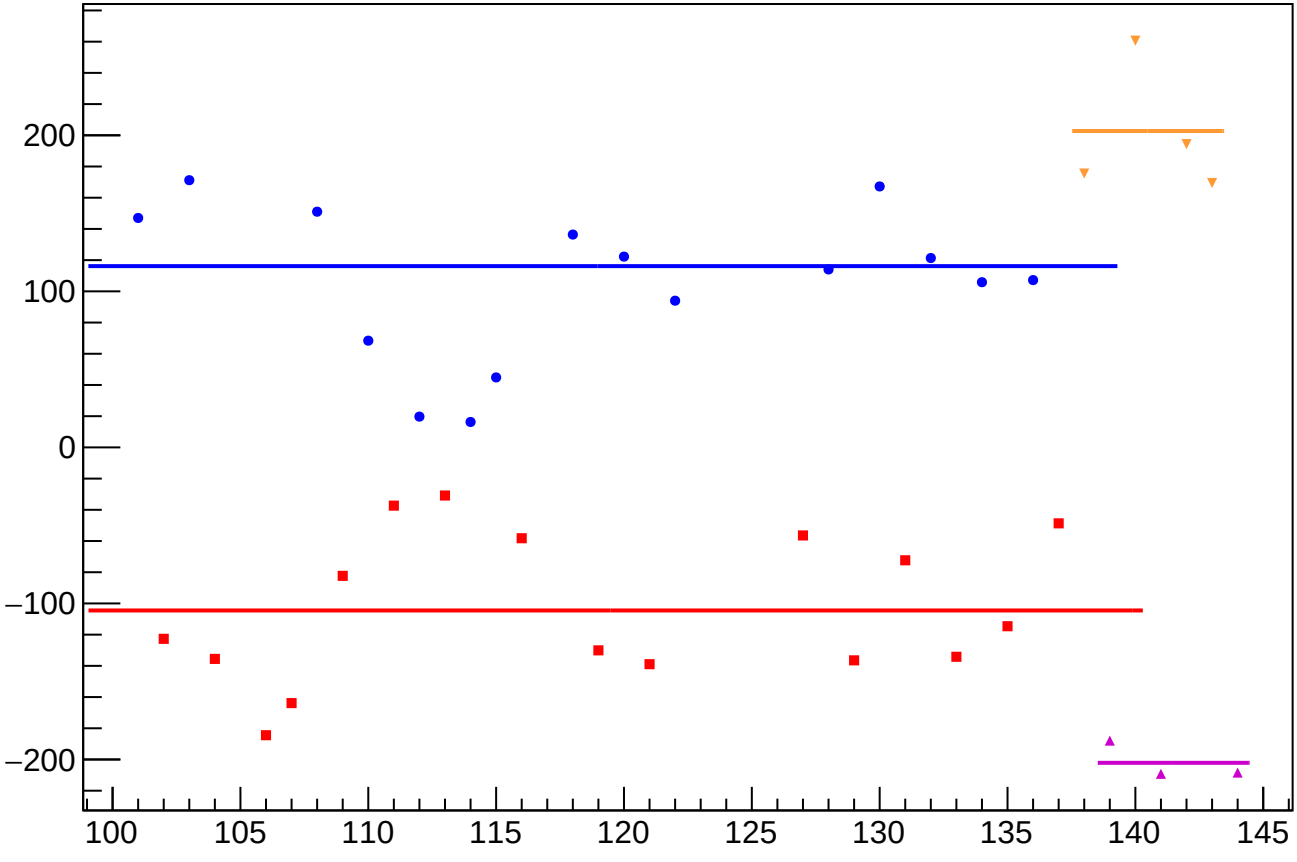
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: -41.819+/-0.000 χ^2/NDF:2625321443635405

Left In: -1545.114+/-0.000 χ^2/NDF:9663760756193726149149174465069842432.0/2

All: 84.390+/-0.000 χ^2/NDF: 5873934997520

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 7.205+/-0.000 χ^2/NDF: 220484948215306249

Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Right: 4.320+/-0.000 χ^2/NDF: 18500756430901072

Left Out: 202.747+/-0.000 χ^2/NDF:4105231028995860130777834181906923 52.0/3

In: 26.374+/-0.000 χ^2/NDF:19770049120854506 5

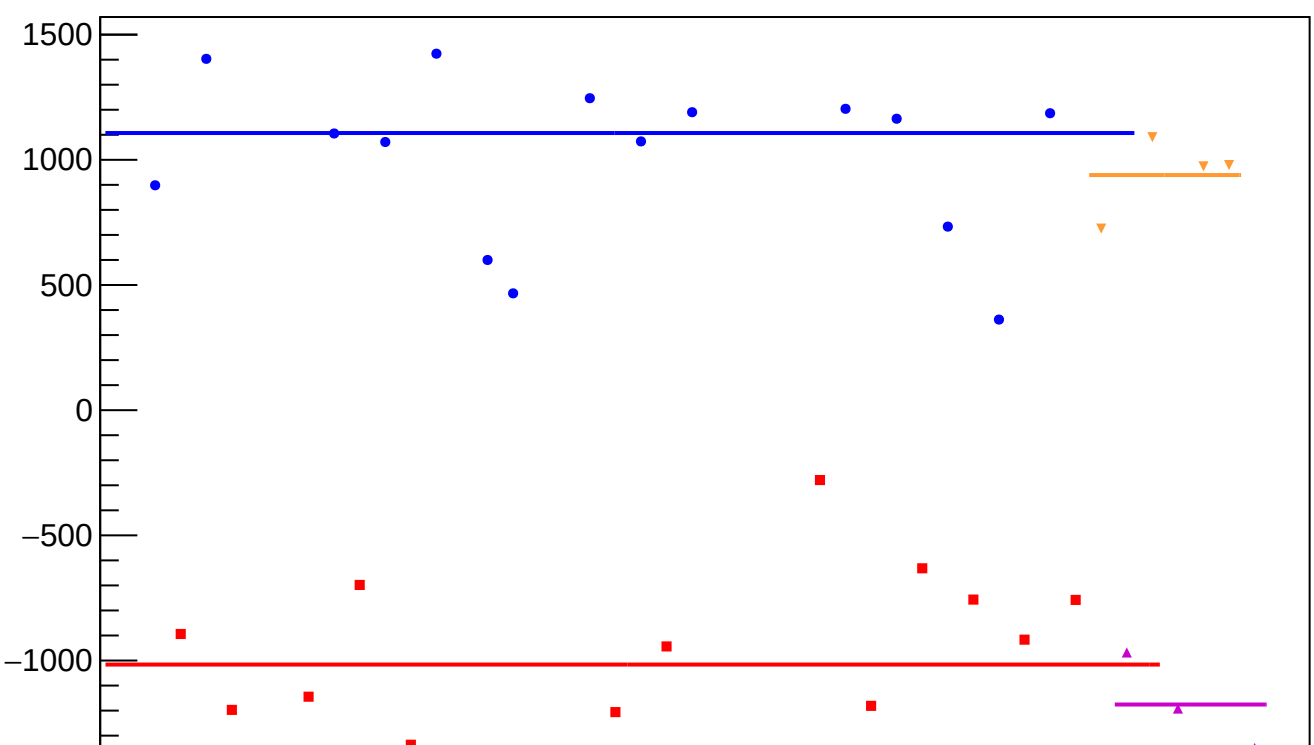
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

Out: -15.268+/-0.000 χ^2/NDF:1998324406263147

Left In: -202.139+/-0.000 χ^2/NDF:2410340242344402557492011939450060 8.0/2

All: 5.146+/-0.000 χ^2/NDF: 4055238801877 0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -82.220+/-0.000 χ^2/NDF: 6015019534739746

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3

In: 463.138+/-0.000 χ^2/NDF:1000797532154367 8

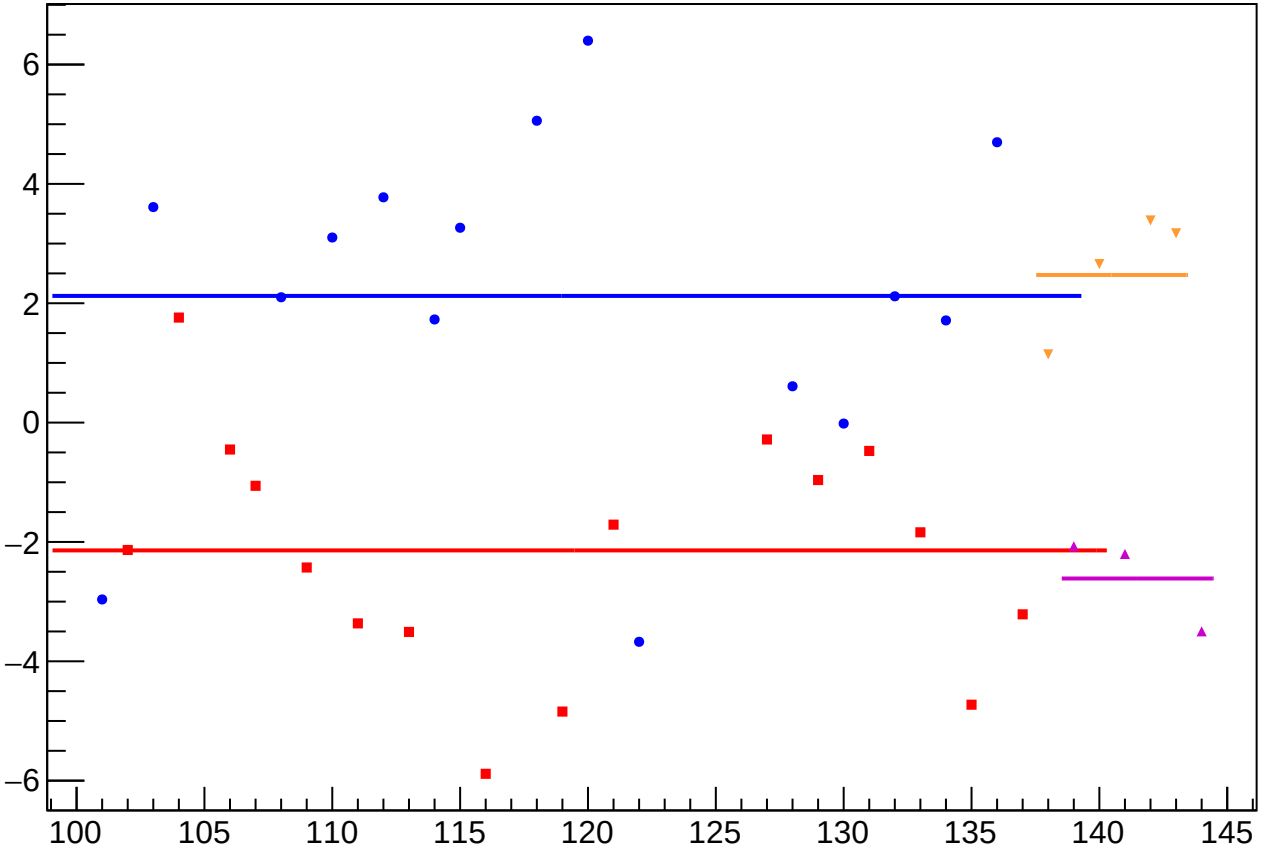
Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Out: -448.250+/-0.000 χ^2/NDF:818748227230405

Left In: -1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776268 8.0/2

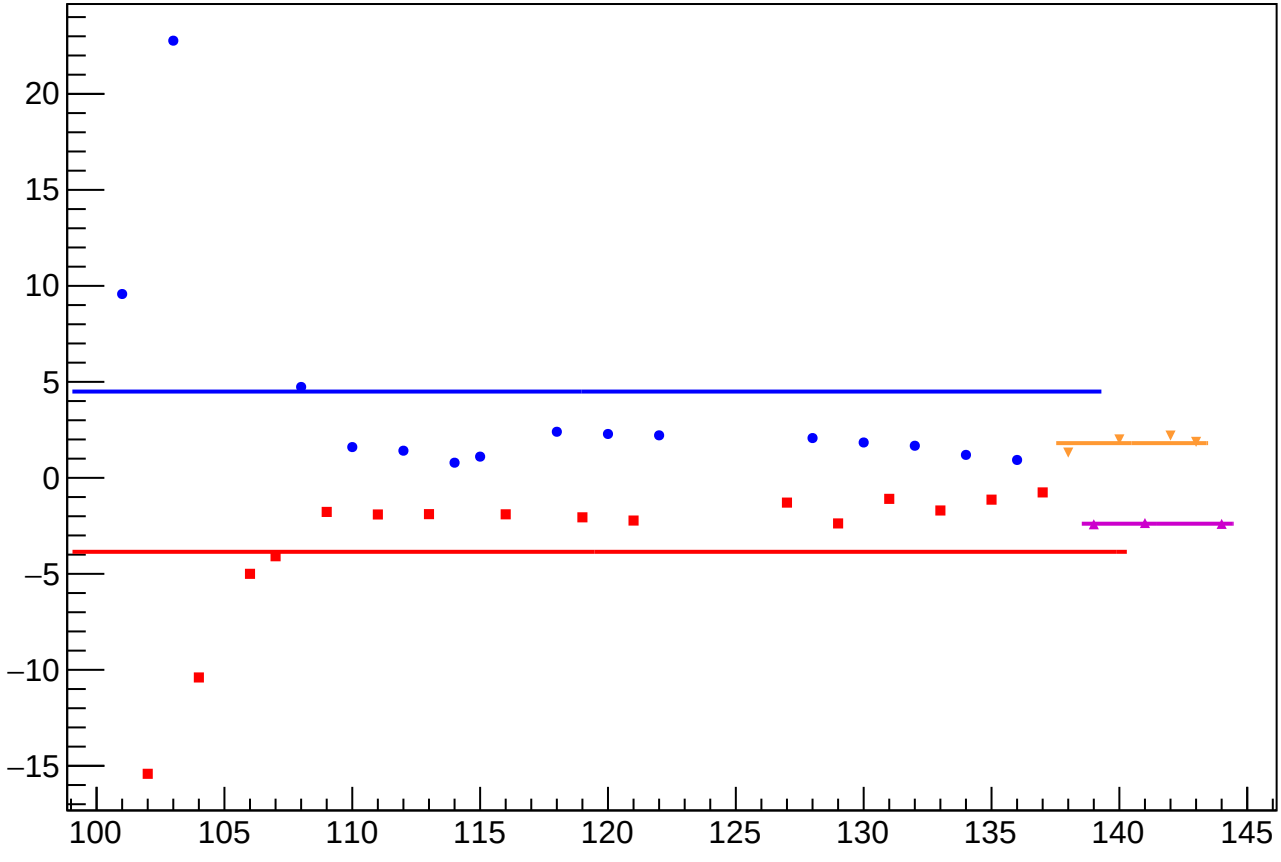
All: -1.452+/-0.000 χ^2/NDF: 2202319592219

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: 0.017+/-0.000 χ^2/NDF: 37305969370746224
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.474+/-0.000 χ^2/NDF:211831530417270803502716480913408.0/3
In: 0.787+/-0.000 χ^2/NDF:947676784662576837
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: -0.801+/-0.000 χ^2/NDF:68113934263281821
Left In: -2.613+/-0.000 χ^2/NDF:1077842988396484566378606409809 92.0/2
All: -0.023+/-0.000 χ^2/NDF: 1745079260636

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.219+/-0.000 χ^2/NDF: 23520669972505435

Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Right: 0.264+/-0.000 χ^2/NDF: 60505823648883396

Left Out: 1.808+/-0.000 χ^2/NDF:29425893297297598061150010867712.0/3

In: 2.553+/-0.000 χ^2/NDF:339455677558062034 0

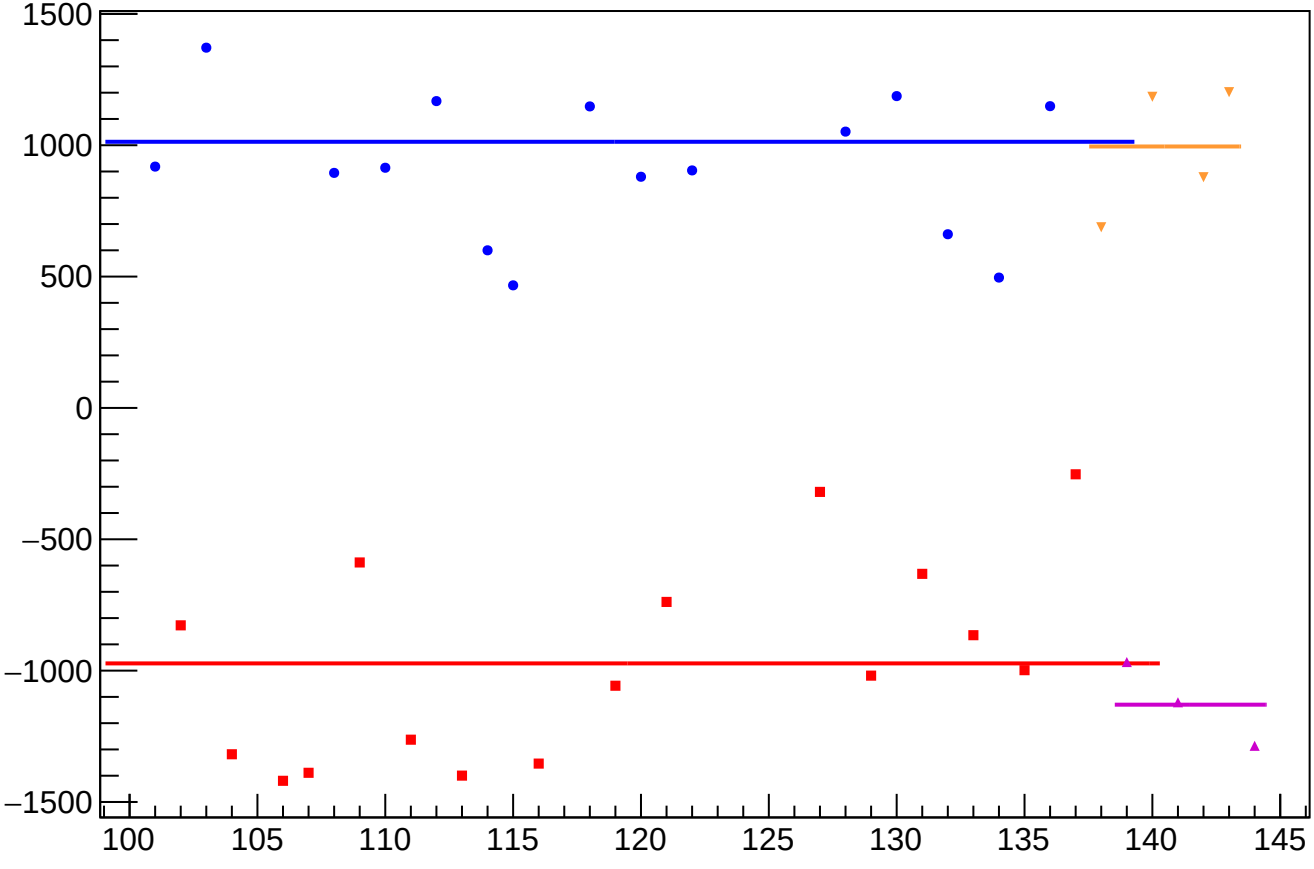
Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860 1728.0/15

Out: -2.208+/-0.000 χ^2/NDF:18551584039633900

Left In: -2.389+/-0.000 χ^2/NDF:188632673346550746068664975360.0/2

All: 0.126+/-0.000 χ^2/NDF: 6294578153584 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

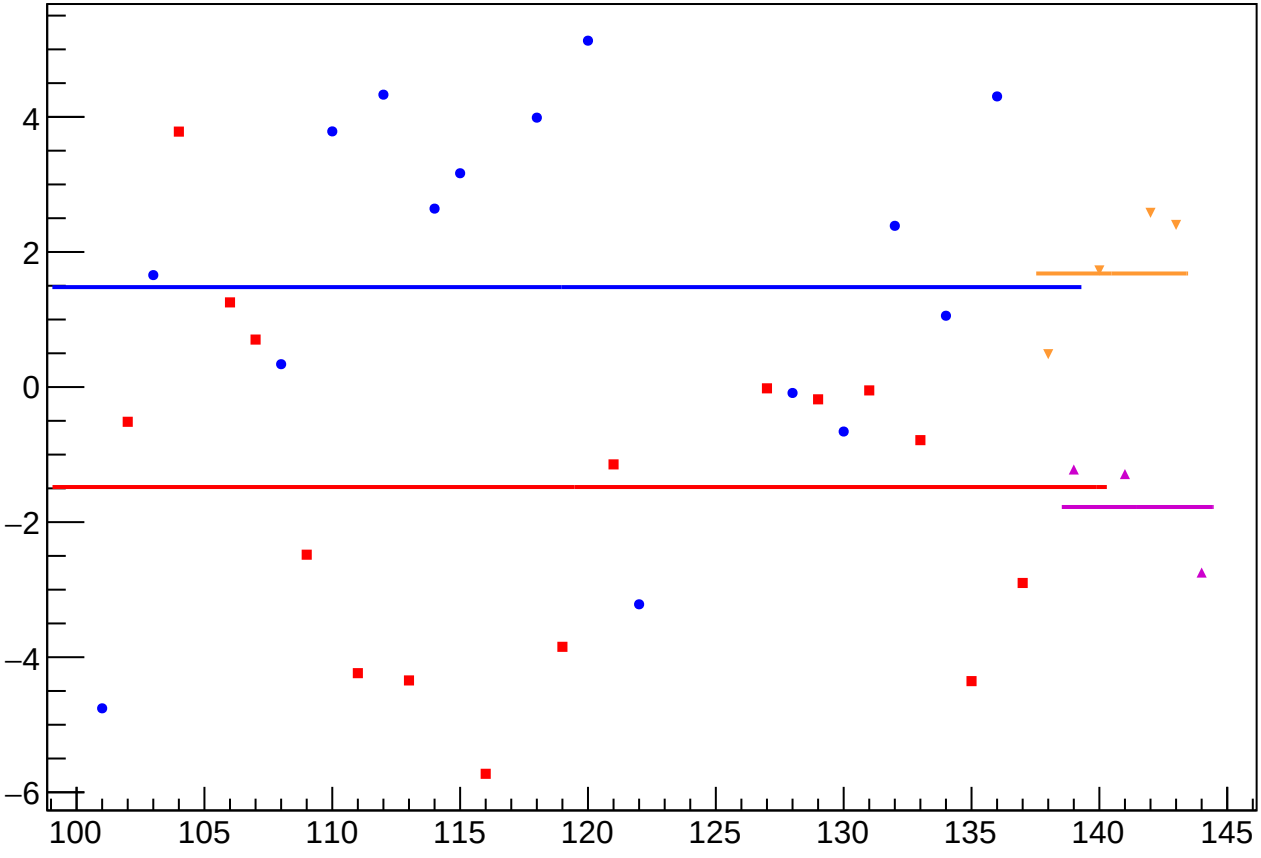
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

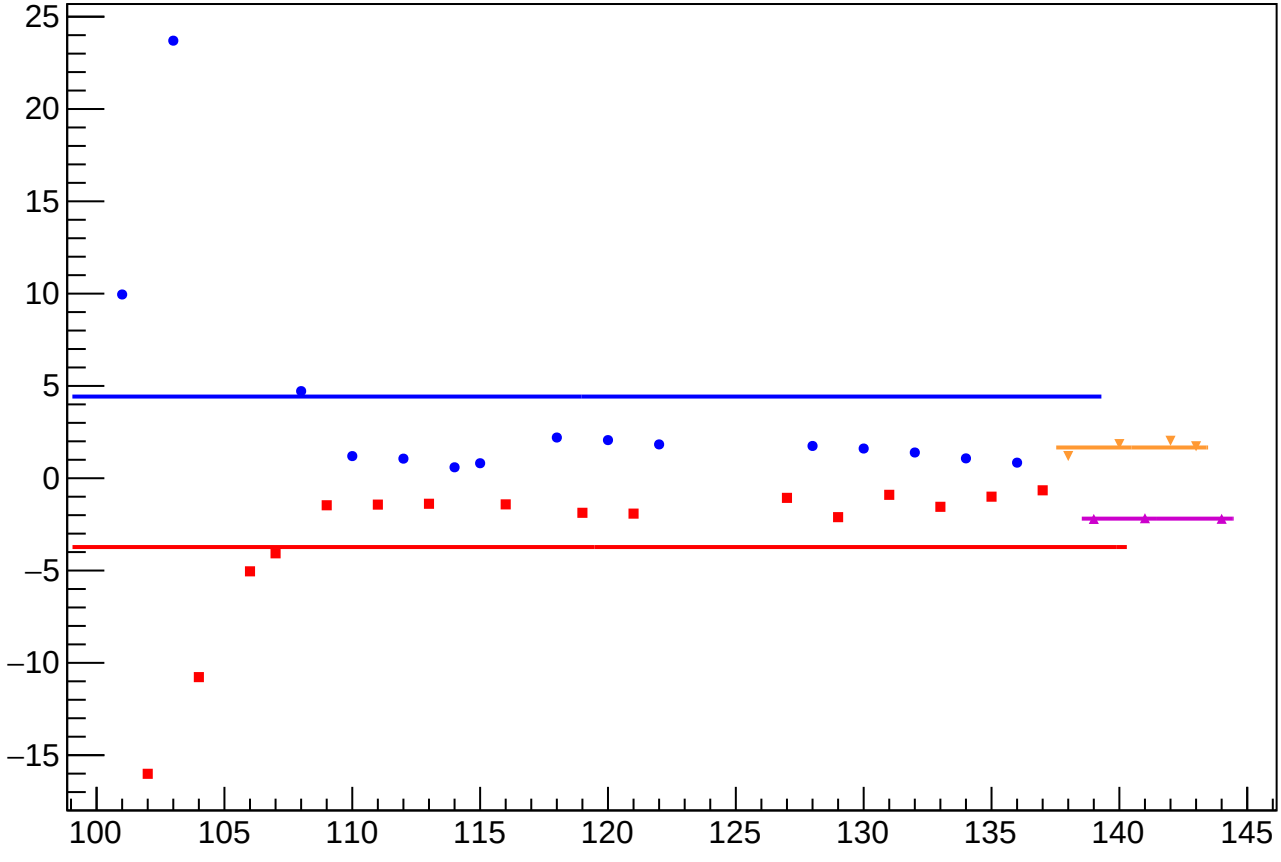
All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: 0.012+/-0.000 χ^2/NDF: 18884445859527086
Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14
Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031
Left Out: 1.682+/-0.000 χ^2/NDF:18330390825312864604251200526745 6.0/3
In: 0.562+/-0.000 χ^2/NDF:786924539683033416
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15
Out: -0.562+/-0.000 χ^2/NDF:62126019766051544
Left In: -1.776+/-0.000 χ^2/NDF:1290472263413626543824661056061 44.0/2
All: -0.011+/-0.000 χ^2/NDF: 1466353173205

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.195+/-0.000 χ^2/NDF: 19843397832927189

Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

Left Out: 1.666+/-0.000 χ^2/NDF:2580962884559646523892387178086 4.0/3

In: 2.559+/-0.000 χ^2/NDF:3626279471021021656

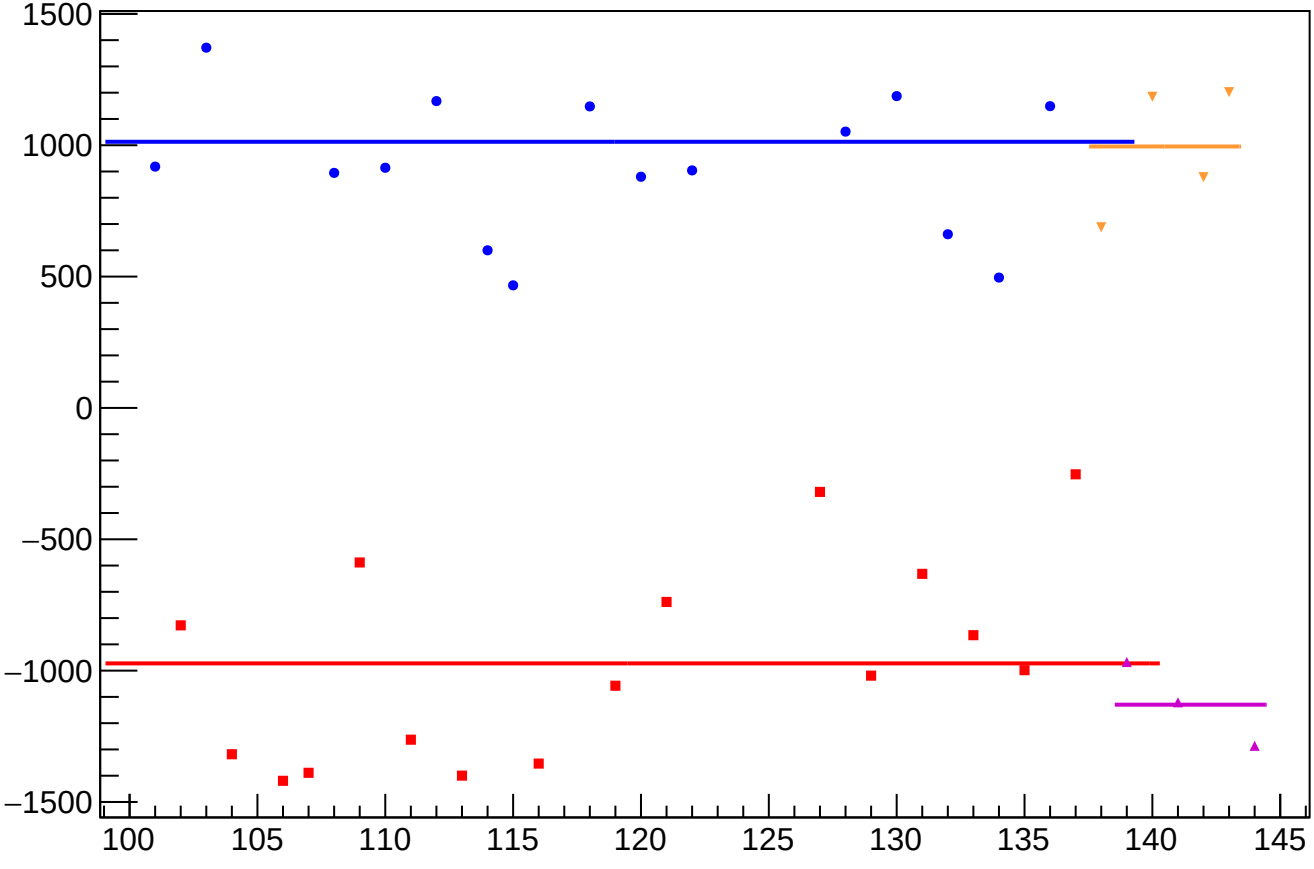
Right Out: -3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

Out: -2.161+/-0.000 χ^2/NDF:19651537538426314

Left In: -2.188+/-0.000 χ^2/NDF:74556015808005089273799770112.0/2

All: 0.153+/-0.000 χ^2/NDF: 6618071302355 6

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

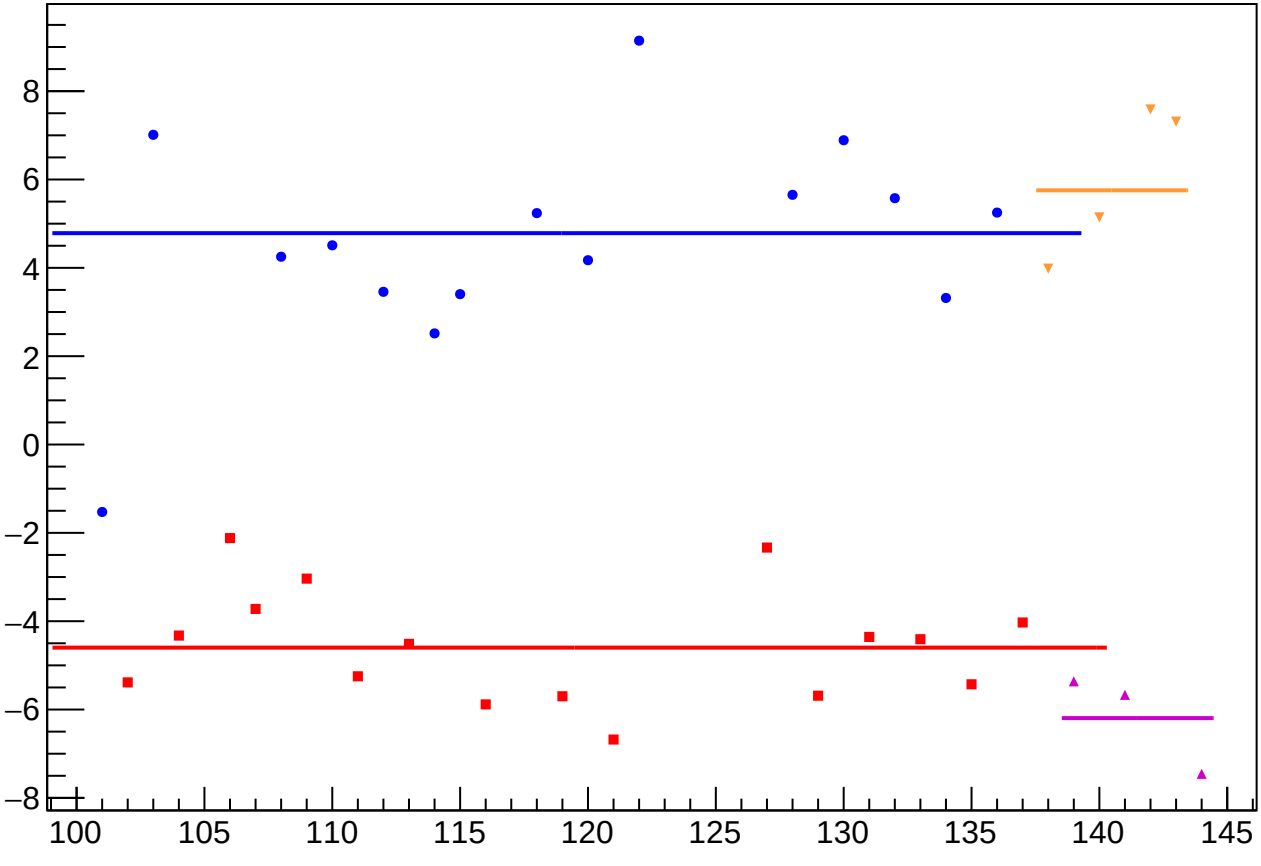
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:8427152935512 35

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64,0/14

Left Out: 5.755+/-0.000 χ^2/NDF:592301610219872196117956151738368,0/3

Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2,0/15

Left In: -6.194+/-0.000 χ^2/NDF:221204757307179606101012133183488,0/2

Left: -0.016+/-0.000 χ^2/NDF: 1963792410920261 3

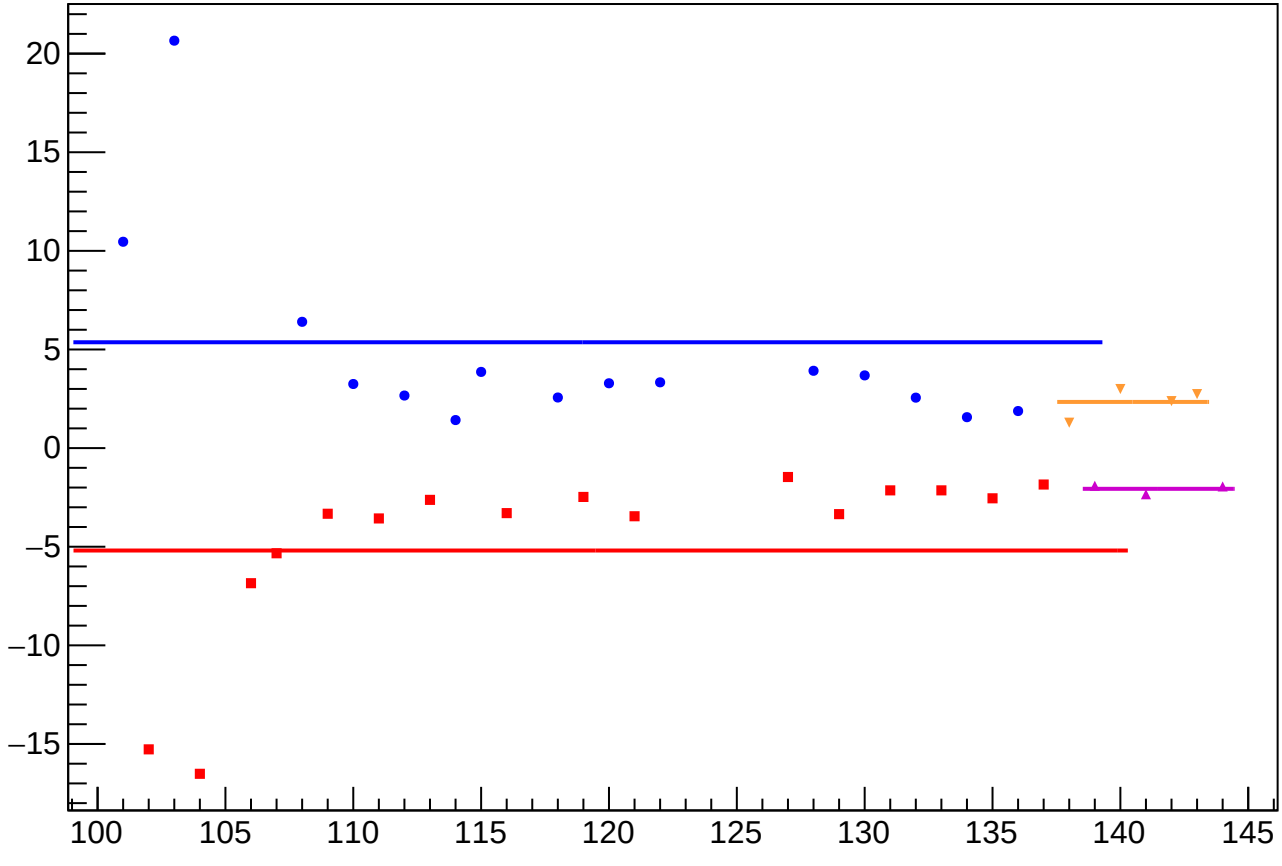
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2

In: 1.688+/-0.000 χ^2/NDF:262847386572593380 0

Out: -1.591+/-0.000 χ^2/NDF:2234601176484825 1

All: 0.016+/-0.000 χ^2/NDF: 5358725507227 0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.214+/-0.000 χ^2/NDF: 270081598187494568

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: 2.341+/-0.000 χ^2/NDF:13221120790962402042383689580544 0.0/3

In: 3.270+/-0.000 χ^2/NDF:2889779887995676373

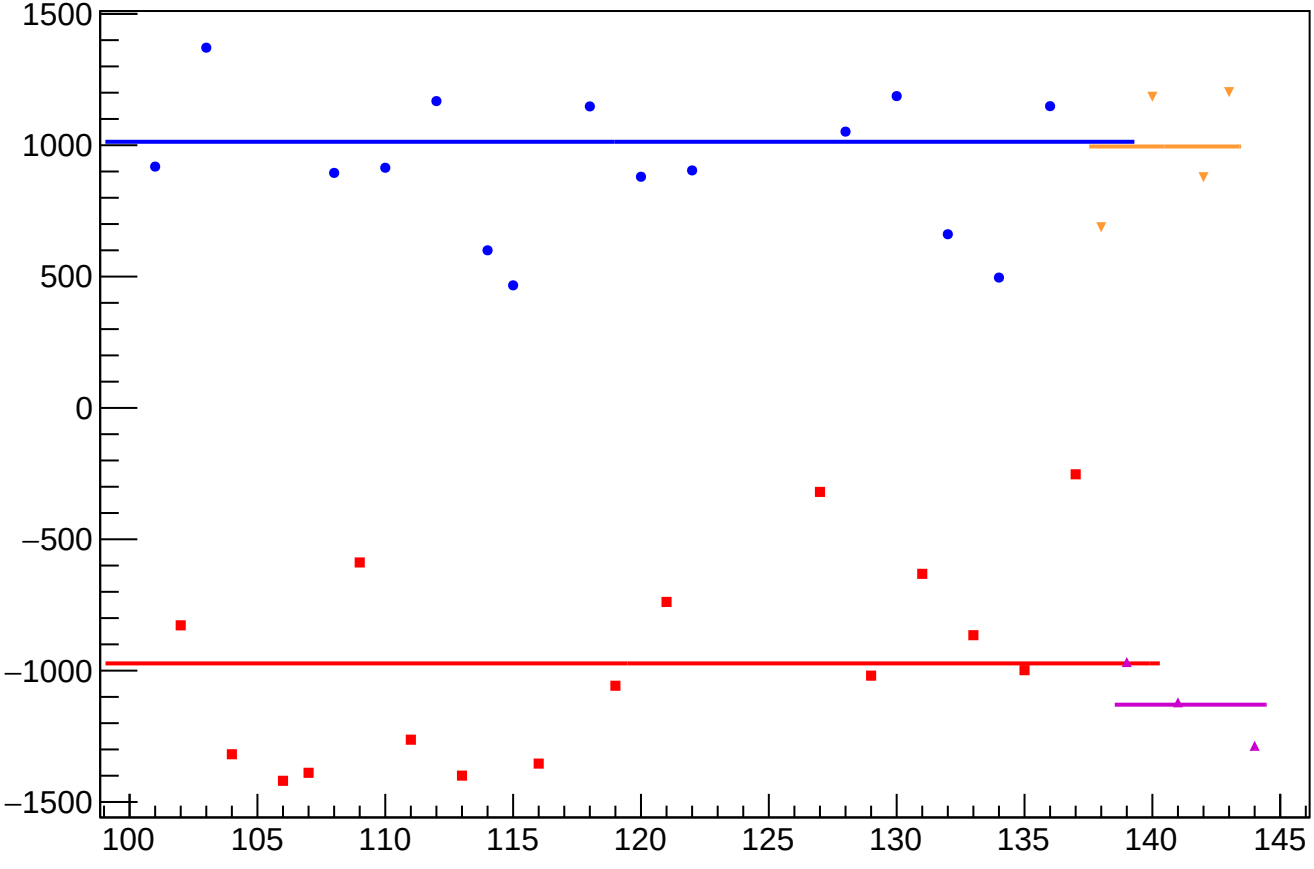
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -3.004+/-0.000 χ^2/NDF:2687536616006267 3

Left In: -2.064+/-0.000 χ^2/NDF:9696951302921566163456835452928.0/2

All: 0.072+/-0.000 χ^2/NDF: 7391512142134 9

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

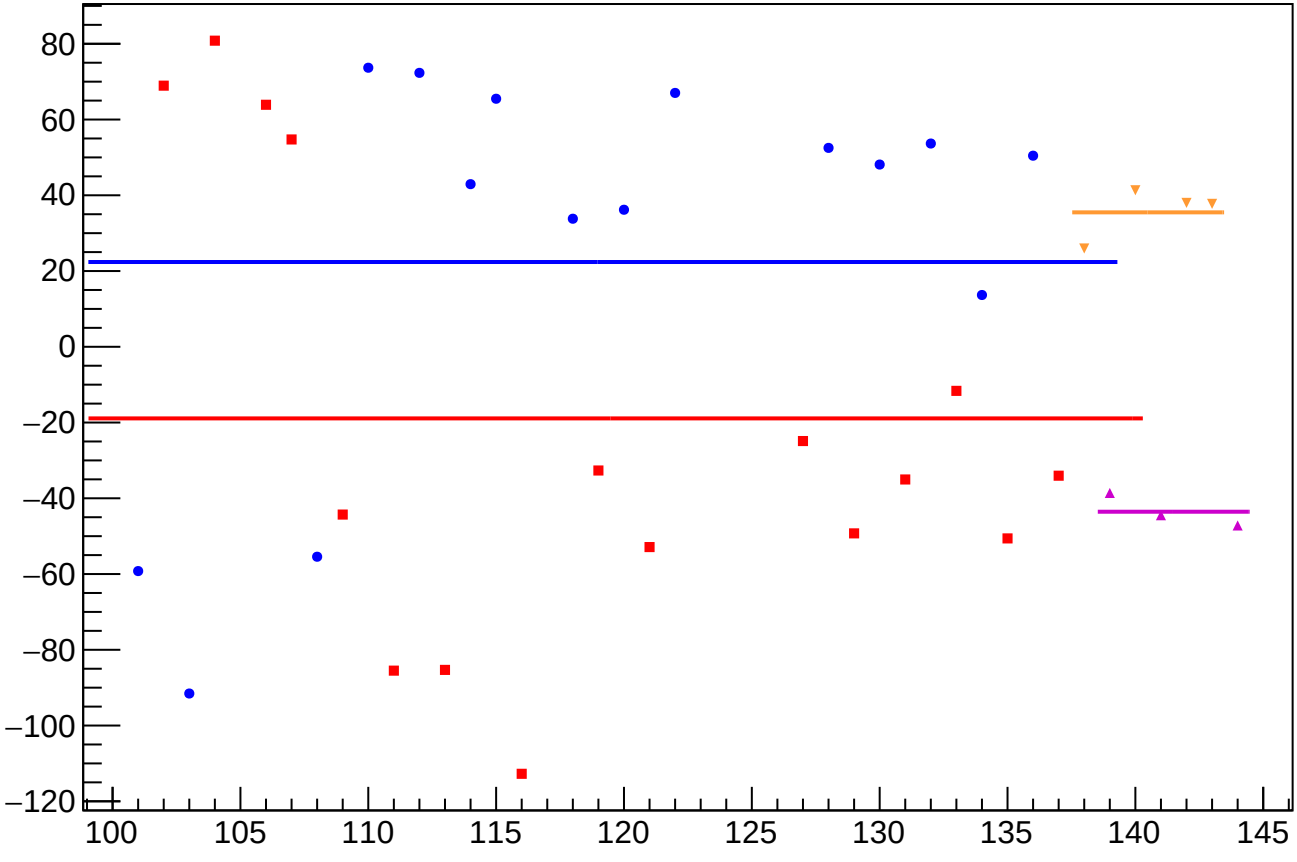
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:8427152935512 35

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.680+/-0.000 χ^2/NDF: 83742971409685683

Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14

Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267

Left Out: 35.493+/-0.000 χ^2/NDF:1050906374708191919534796109040844 8.0/3

In: 3.787+/-0.000 χ^2/NDF:272129364190030568 4

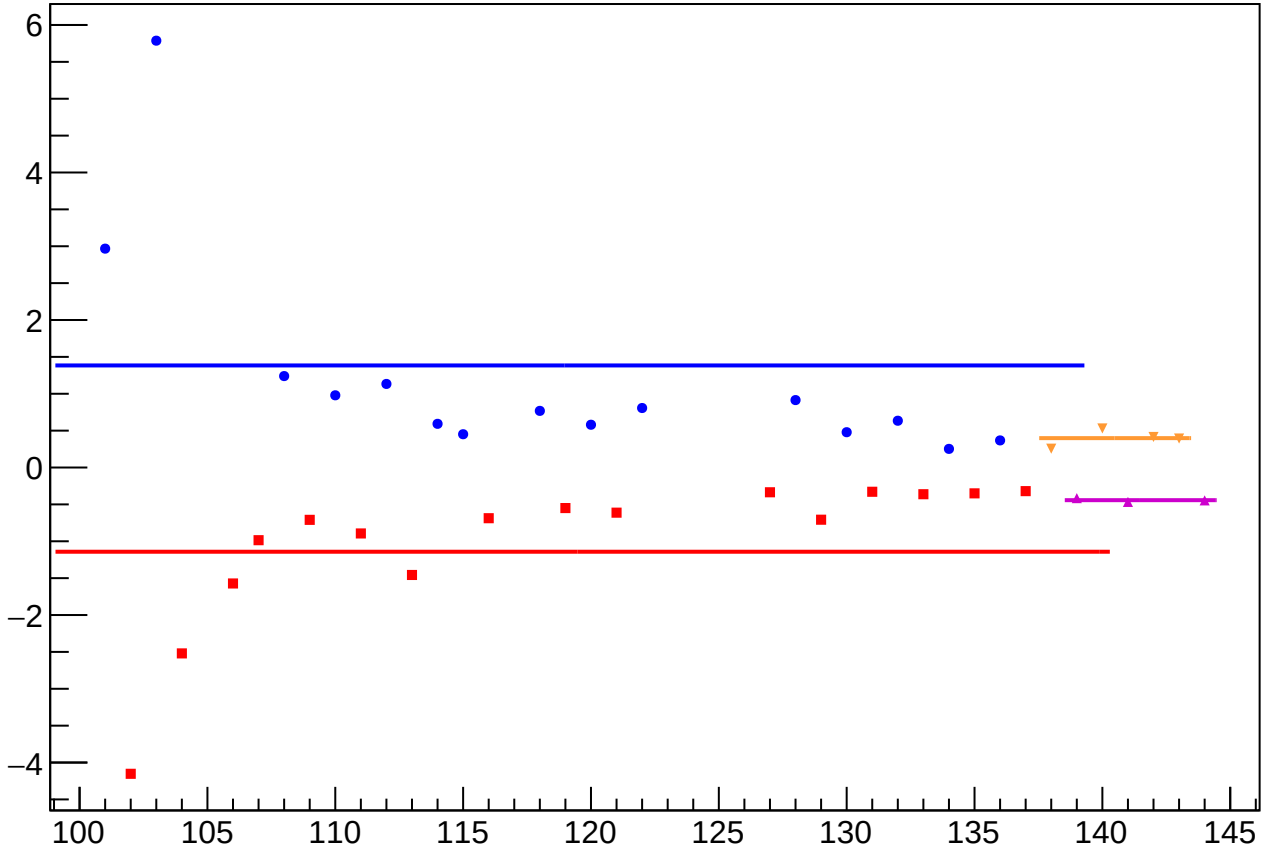
Right Out: -18.907+/-0.000 χ^2/NDF: 2182221808408156293593993992757837824.0/15

Out: -3.108+/-0.000 χ^2/NDF:27660011241497114

Left In: -43.547+/-0.000 χ^2/NDF:323525886393998685550984298496000 0.0/2

All: 0.272+/-0.000 χ^2/NDF: 5509200285986 5

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: -0.008+/-0.000 χ^2/NDF: 96428171691668031

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8,0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.398+/-0.000 χ^2/NDF:302566622019200652814791475200 0.0/3

In: 0.869+/-0.000 χ^2/NDF:218217663020039368 8

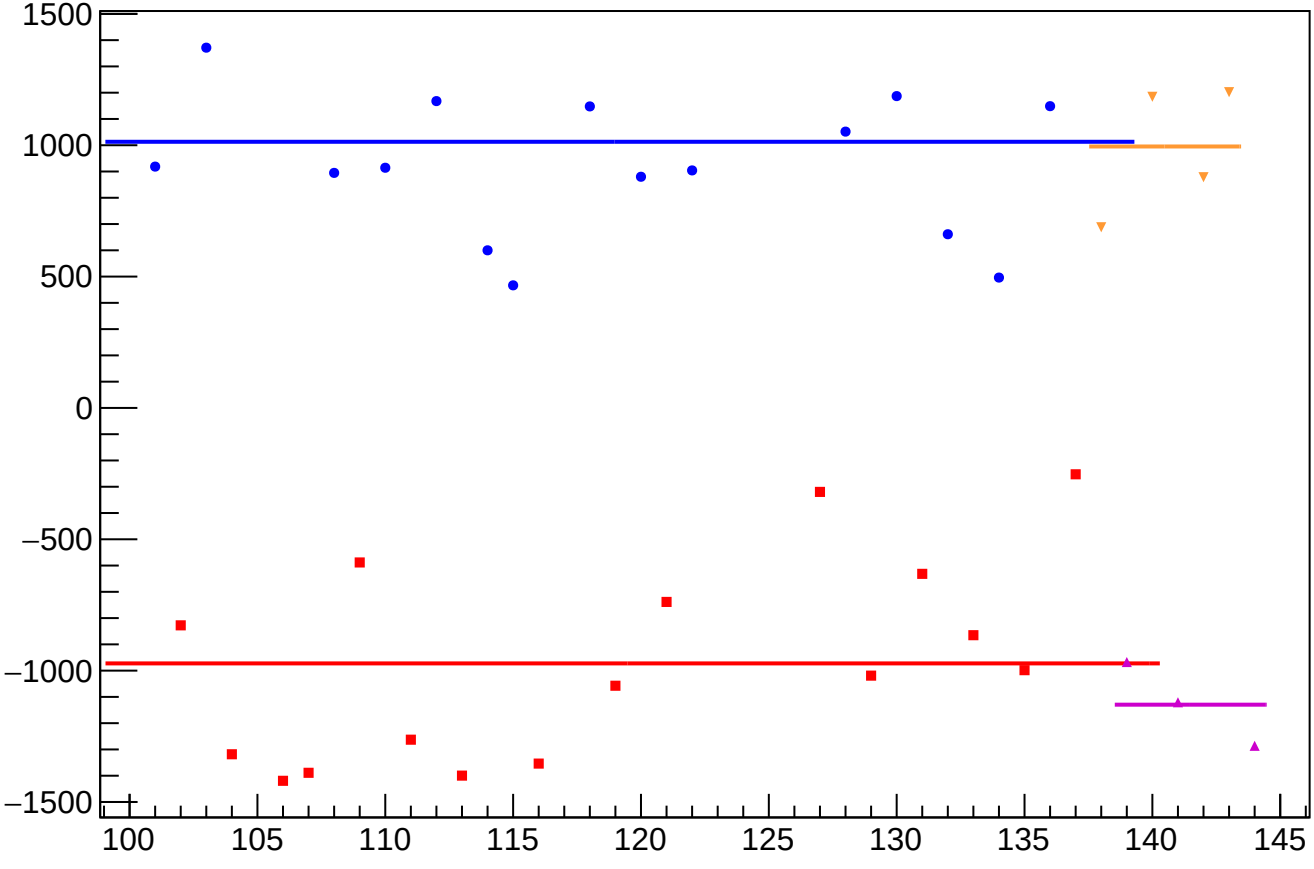
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136,0/15

Out: -0.694+/-0.000 χ^2/NDF:1273232079139369 5

Left In: -0.443+/-0.000 χ^2/NDF:110172673139444850799564292096.0/2

All: 0.072+/-0.000 χ^2/NDF: 4581422692663 8

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

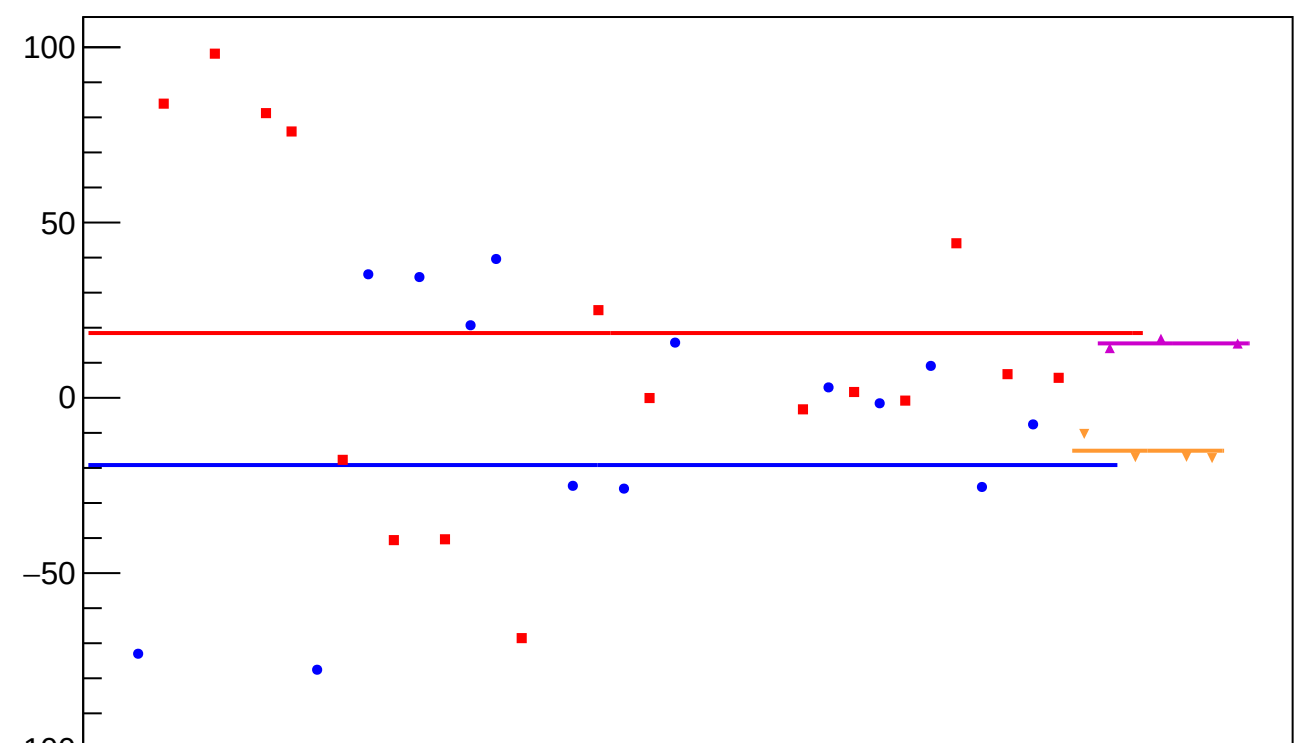
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: -0.301+/-0.000 χ^2/NDF: 12635819932698926

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -15.086+/-0.000 χ^2/NDF:2507065729335252645628906106257408.0/3

In: -9.387+/-0.000 χ^2/NDF:14671155594583687

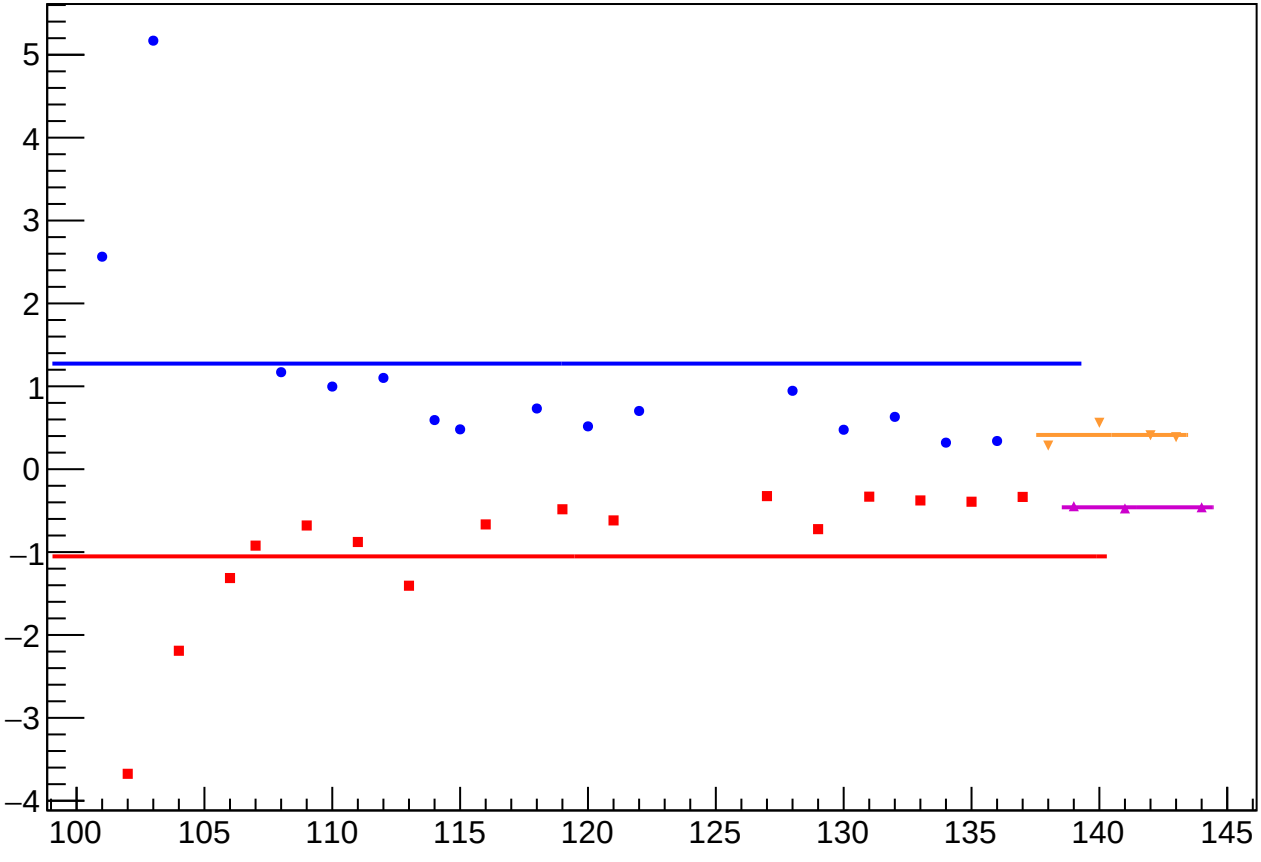
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: 8.731+/-0.000 χ^2/NDF:171014224561273824

Left In: 15.527+/-0.000 χ^2/NDF:2955360794106467089672573949050 88.0/2

All: -0.151+/-0.000 χ^2/NDF: 3328520430387

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: -0.008+/-0.000 χ^2/NDF: 10361985694800520

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.413+/-0.000 χ^2/NDF:3099657026170121235946989944832.0/3

In: 0.785+/-0.000 χ^2/NDF:176231609449060815 6

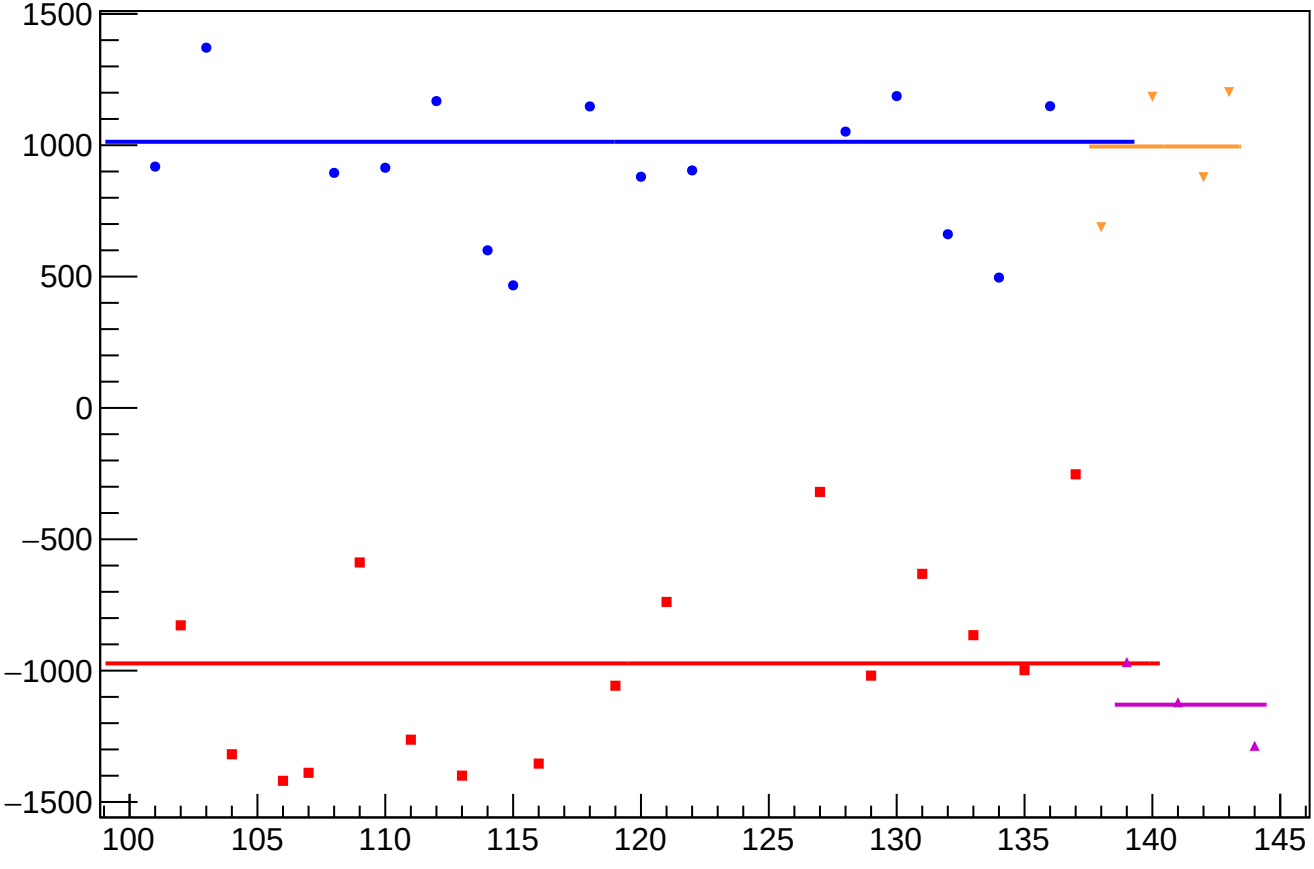
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.626+/-0.000 χ^2/NDF:10262651211362546

Left In: -0.460+/-0.000 χ^2/NDF:287200503170740058172067676 16.0/2

All: 0.066+/-0.000 χ^2/NDF: 3706386947680 5

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

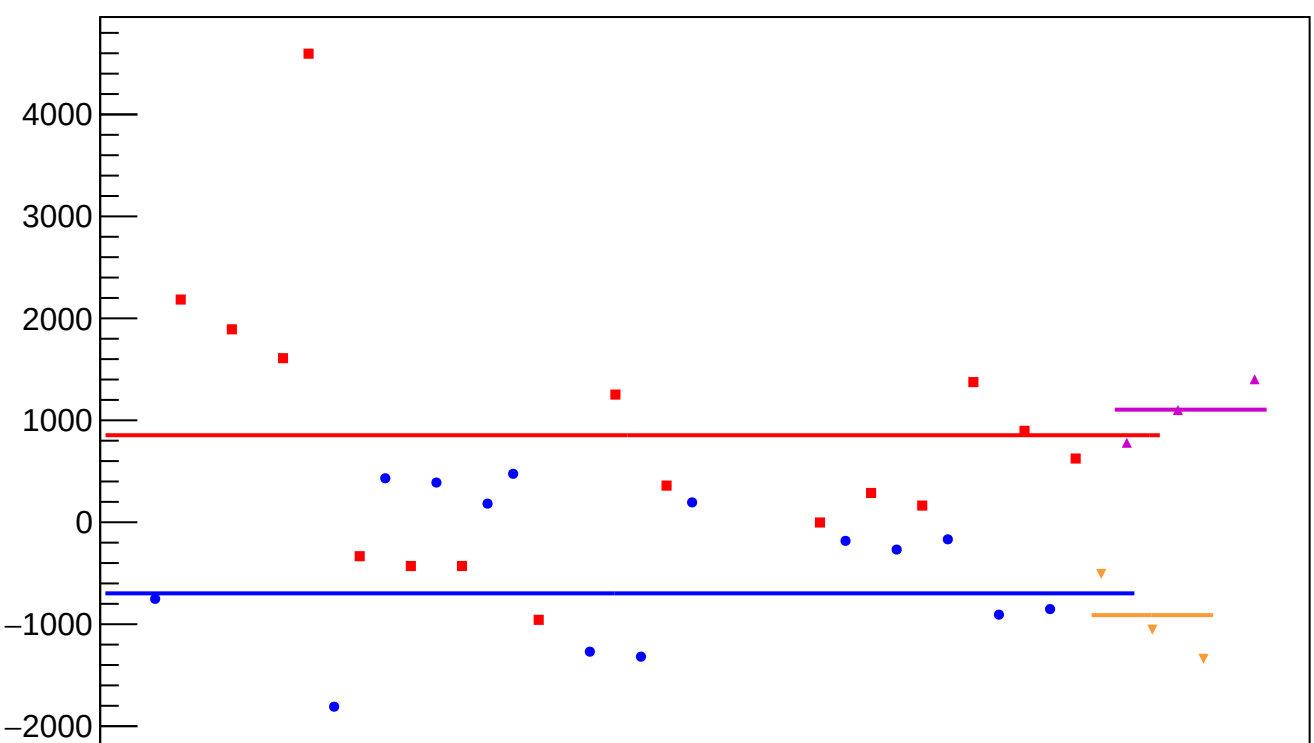
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

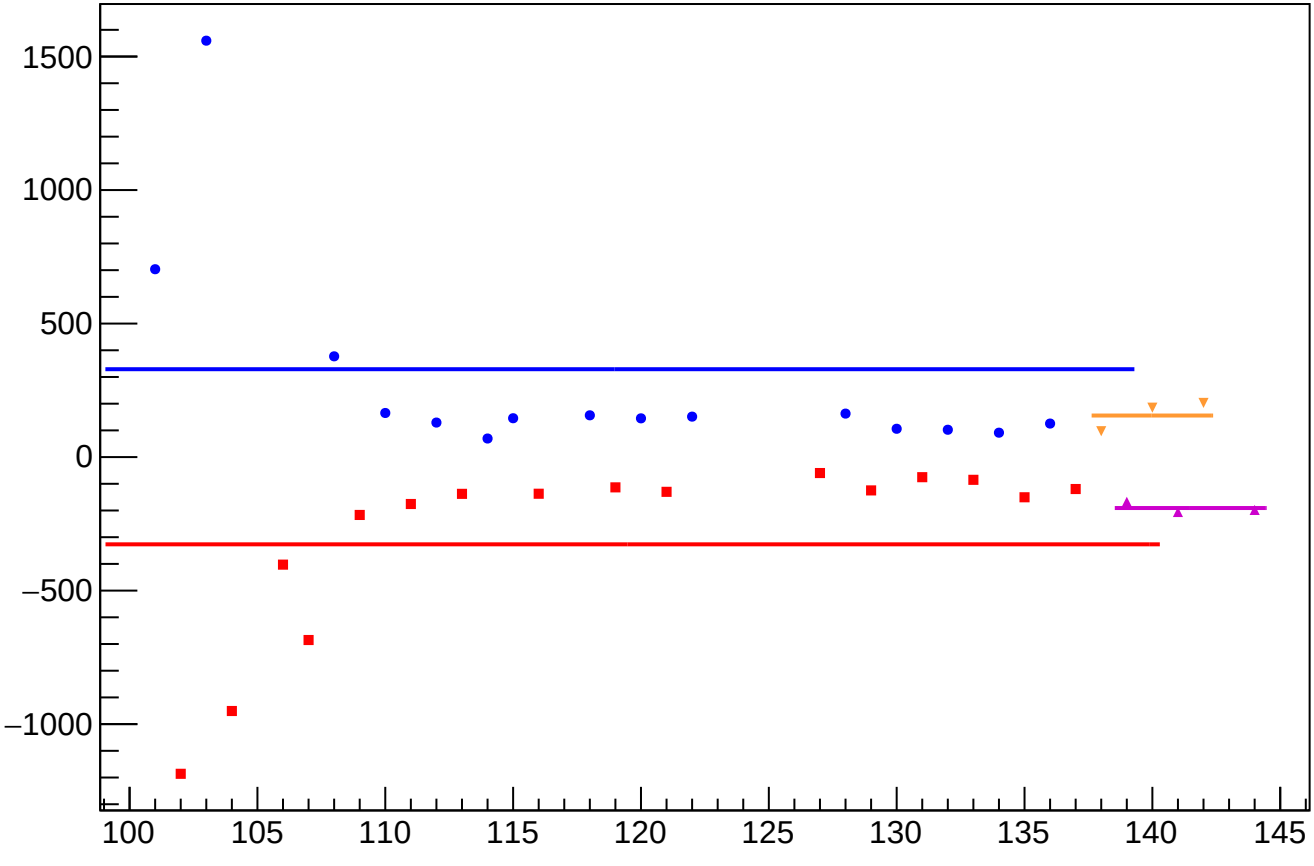
All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_usl_coil6_mean vs Slug, Sign Corrected



Left: 203.882+/-0.000 χ^2/NDF: 5020470306478484
Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -910.870+/-0.000 χ^2/NDF:2282001964658666962848049511913855385 6.0/2
In: -189.057+/-0.000 χ^2/NDF:110114507556532 8
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: 437.344+/-0.000 χ^2/NDF:159128589600365 7
Left In: 1104.427+/-0.000 χ^2/NDF:1643655667502764808560011019601890508 8.0/2
All: 118.680+/-0.000 χ^2/NDF: 28666917984 0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -35.971+/-0.000 χ^2/NDF: 1418390560438886

Right In: 329.108+/-0.000 χ^2/NDF: 1168638207005386235242079456986723778 56.0/14

Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126

Left Out: 155.641+/-0.000 χ^2/NDF:4430737893495245559038796240246538 24.0/2

In: 182.463+/-0.000 χ^2/NDF:16640900887565673

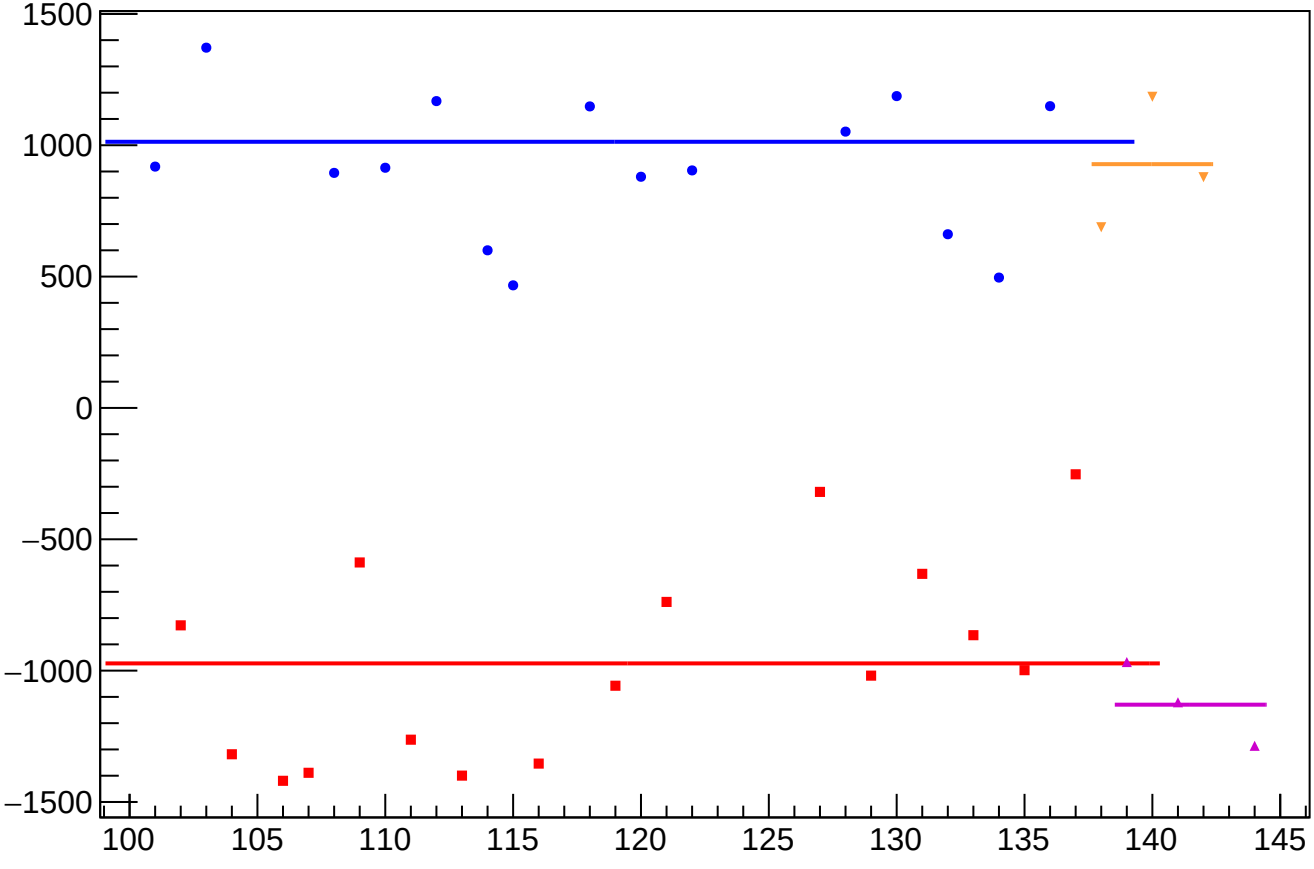
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

Out: -212.879+/-0.000 χ^2/NDF:124628753975188

Left In: -190.764+/-0.000 χ^2/NDF:6746381942760326487597230020834099 2.0/2

All: -11.760+/-0.000 χ^2/NDF: 360450632702

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -210.158+/-0.000 χ^2/NDF: 496747669530032

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 927.985+/-0.000 χ^2/NDF:1000905623089806518084439518139436236 8.0/2

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

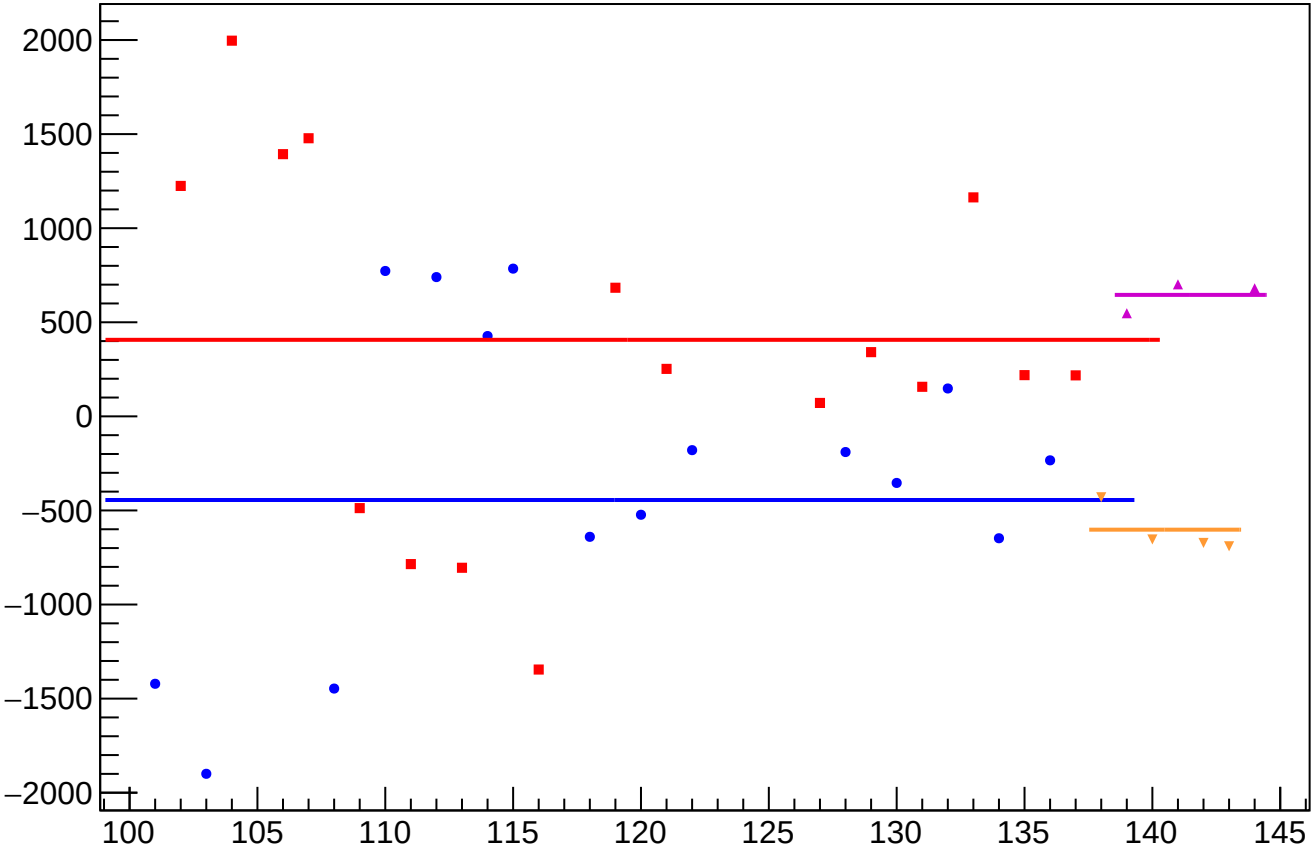
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: -524.019+/-0.000 χ^2/NDF:657342897222288

Left In: -1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

All: -49.513+/-0.000 χ^2/NDF: 192030762512

dit_usr_coil6_mean vs Slug, Sign Corrected



Left: 0.418+/-0.000 χ^2/NDF: 20968485541730002

Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14

Right: -13.070+/-0.000 χ^2/NDF: 116395703795034

Left Out: -602.165+/-0.000 χ^2/NDF:3285095122083930811468617045990440960.0/3

In: -137.032+/-0.000 χ^2/NDF:6151527327014611

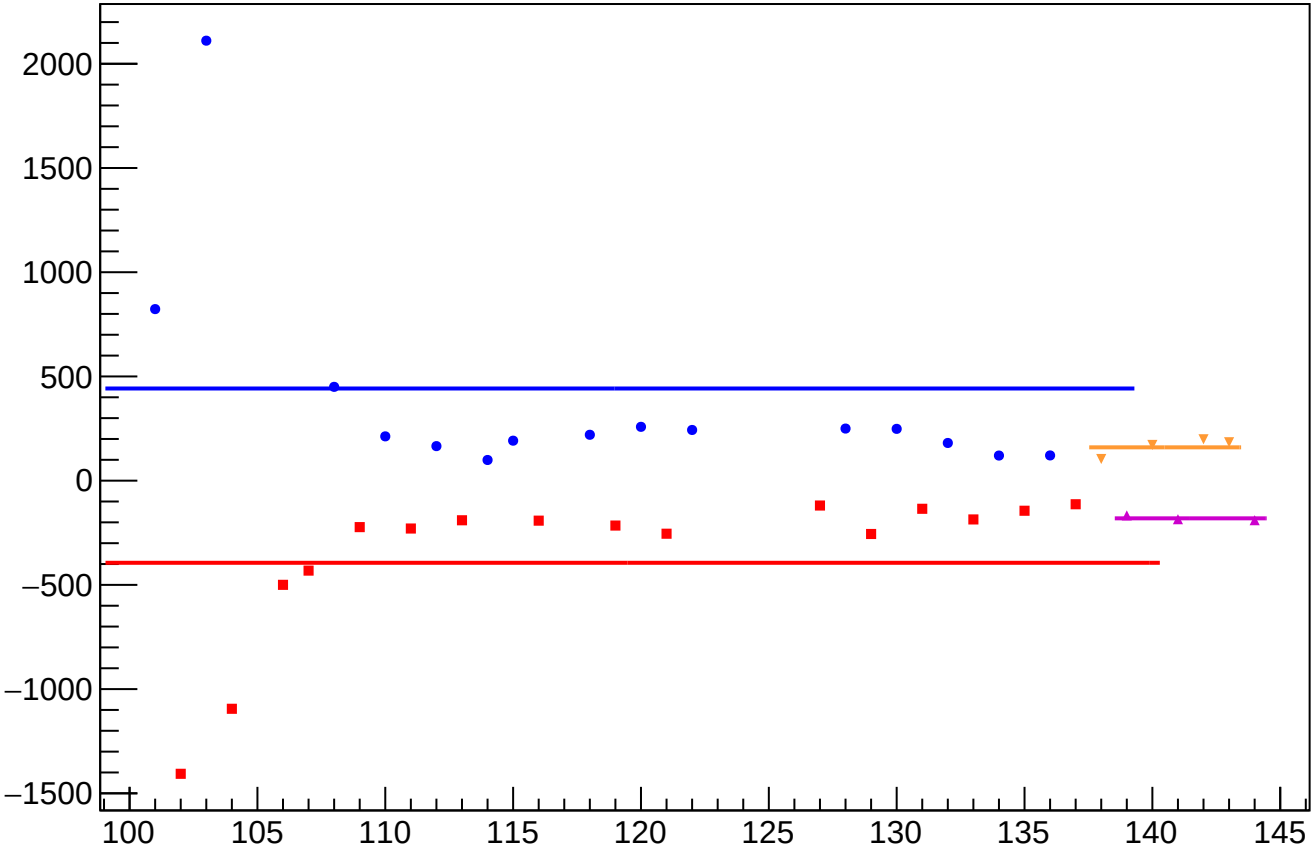
Right Out: 406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291084 80.0/15

Out: 113.721+/-0.000 χ^2/NDF:729582492694937 9

Left In: 645.535+/-0.000 χ^2/NDF:1146981281597485807343383383472340992.0/2

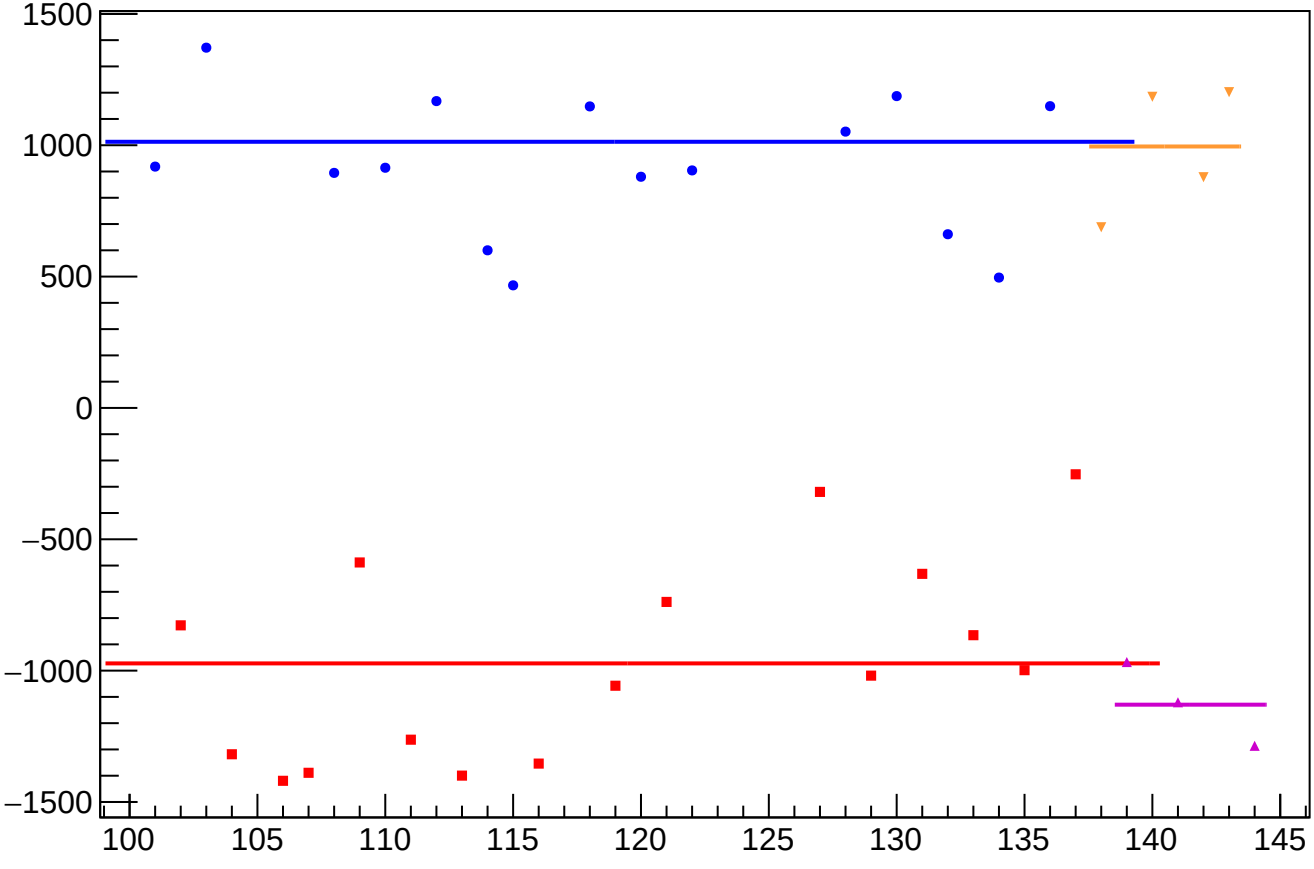
All: -9.208+/-0.000 χ^2/NDF: 1373710438544

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -4.656+/-0.000 χ^2/NDF: 15685828056075193
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 159.850+/-0.000 χ^2/NDF:36349867465941407623099831136393625 6.0/3
In: 266.444+/-0.000 χ^2/NDF:2750810301245000
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -233.172+/-0.000 χ^2/NDF:165675026690376
Left In: -180.775+/-0.000 χ^2/NDF:247763775618645125118528322409594 88.0/2
All: 11.759+/-0.000 χ^2/NDF: 5557851416124

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

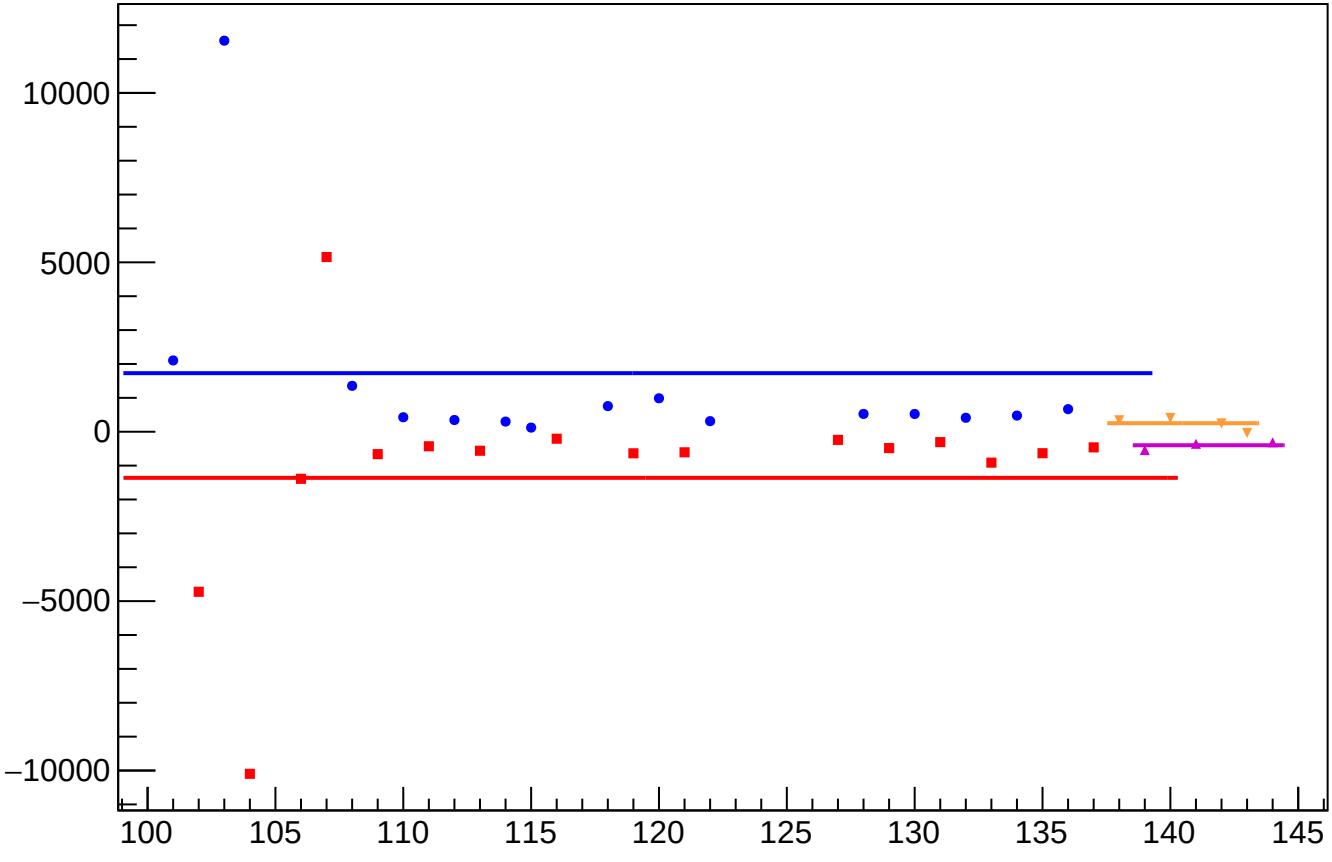
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

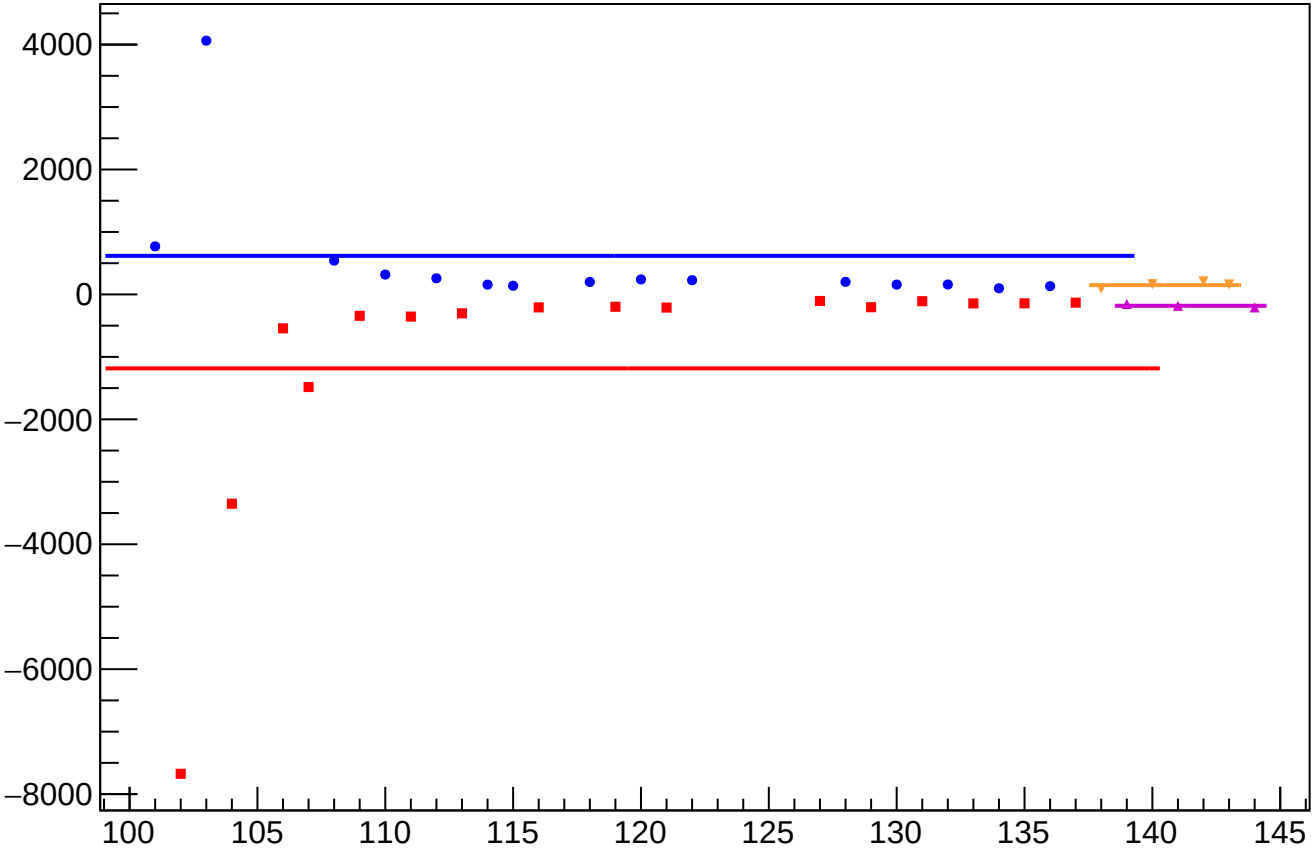
All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -62.427+/-0.000 χ^2/NDF: 6638553896958528
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 251.655+/-0.000 χ^2/NDF:815263720513491383049255852757431 0912.0/3
In: 1128.834+/-0.000 χ^2/NDF:724436244703553 5
Right Out: -1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018 6506174464.0/15
Out: -892.582+/-0.000 χ^2/NDF:694348791067624
Left In: -398.680+/-0.000 χ^2/NDF:247023444415800663450741751228556 9024.0/2
All: 98.394+/-0.000 χ^2/NDF: 160708365244 5

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -10.651+/-0.000 χ^2/NDF: 1505147831624377

Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 149.322+/-0.000 χ^2/NDF:4584670558033521921049335575368171 52.0/3

In: 391.889+/-0.000 χ^2/NDF:9094405404707670 2

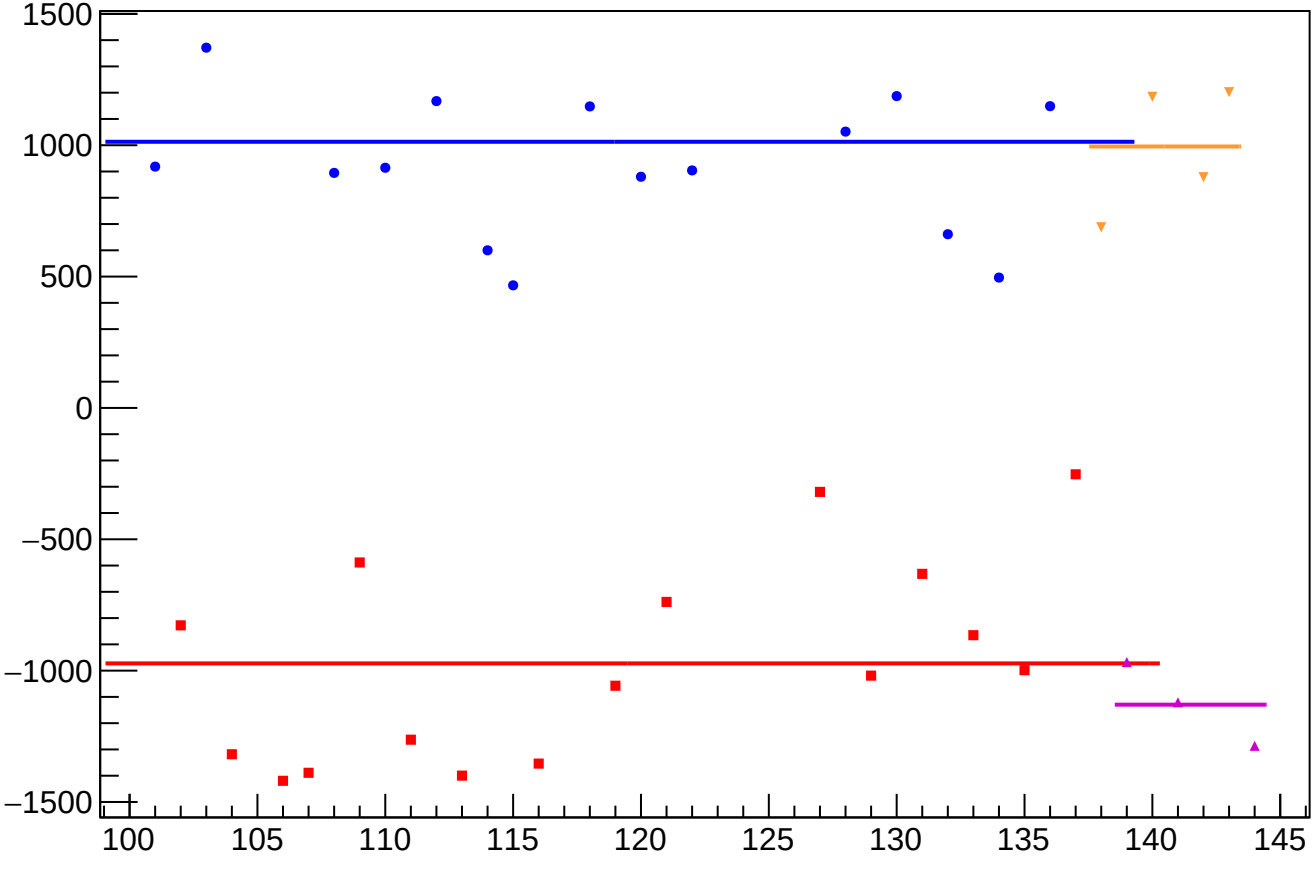
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -796.997+/-0.000 χ^2/NDF:351242193244474

Left In: -181.915+/-0.000 χ^2/NDF:1270492716896243731720450953938206 72.0/2

All: -214.160+/-0.000 χ^2/NDF: 50732145617

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

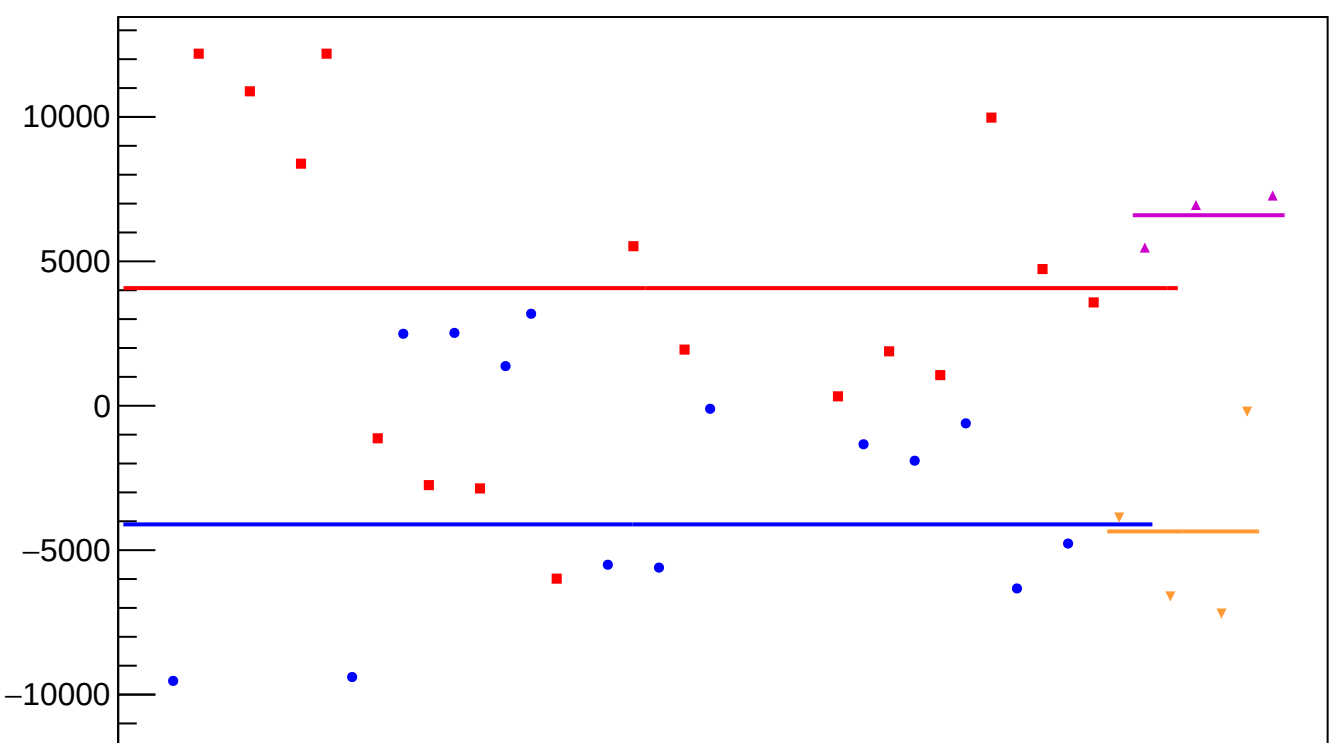
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 936.449+/-0.000 χ^2/NDF: 1791708639612518

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -4351.351+/-0.000 χ^2/NDF:1958161114710212721605961986320296312832.0/3

In: -1087.795+/-0.000 χ^2/NDF:356599671302051

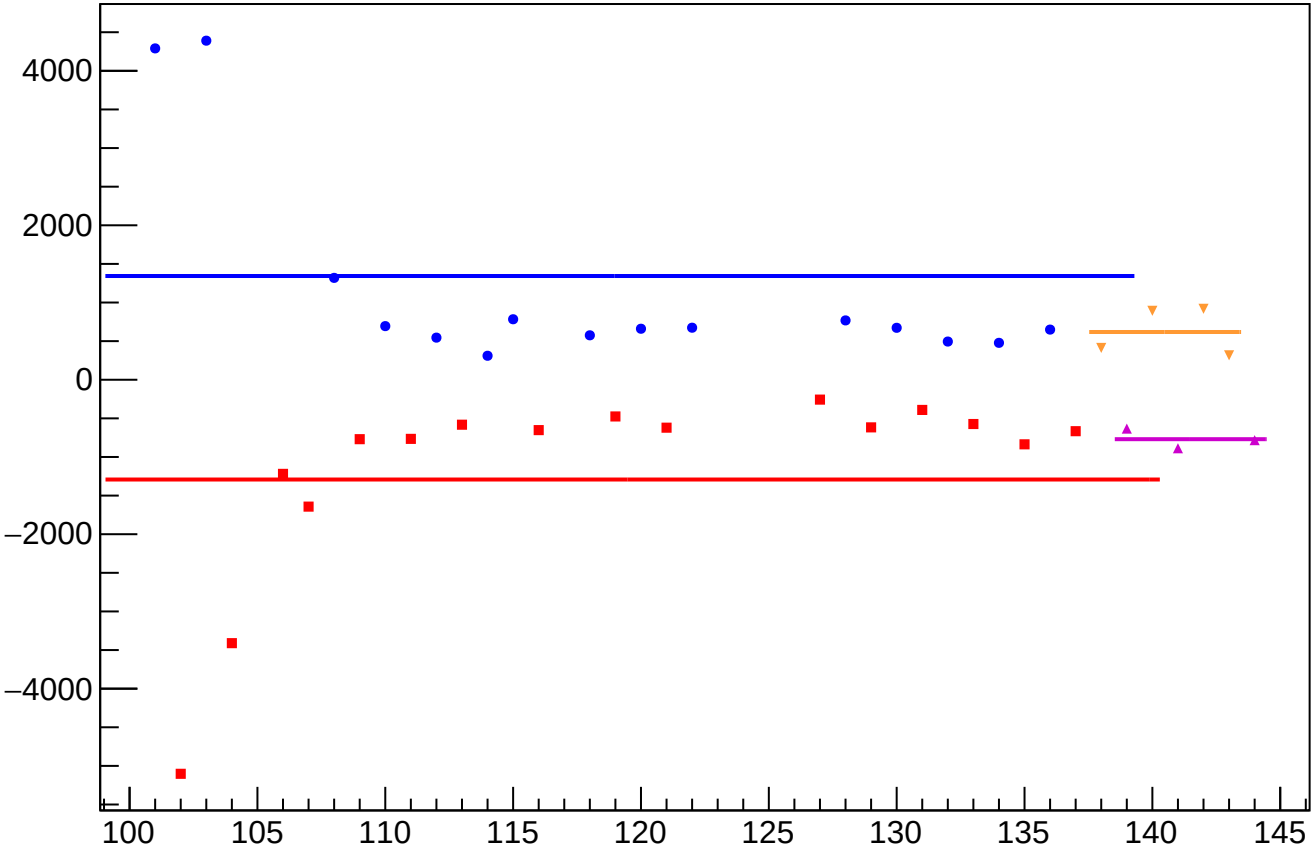
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: 1625.729+/-0.000 χ^2/NDF:360702682222157

Left In: 6597.505+/-0.000 χ^2/NDF:1534942968797917659493535585774327562 24.0/2

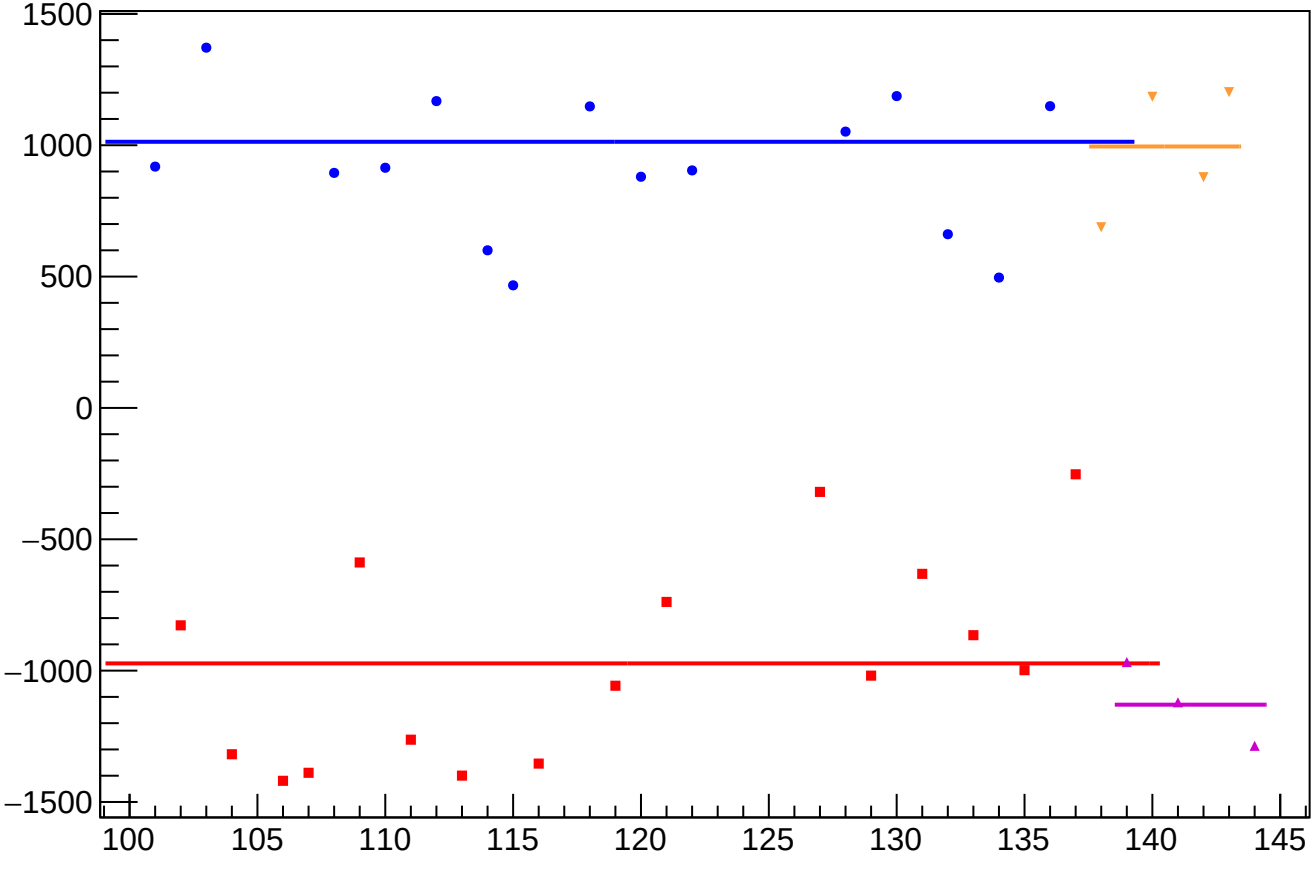
All: 295.455+/-0.000 χ^2/NDF: 75123381989 9

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -51.945+/-0.000 χ^2/NDF: 2764305452018452
Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14
Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230
Left Out: 618.353+/-0.000 χ^2/NDF:1974584222567974516677217395154301747 2.0/3
In: 747.321+/-0.000 χ^2/NDF:2137457662068329 2
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15
Out: -737.040+/-0.000 χ^2/NDF:205011286716241
Left In: -769.558+/-0.000 χ^2/NDF:2708862486246207789197284037506367488.0/2
All: -9.349+/-0.000 χ^2/NDF: 5202917334835

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

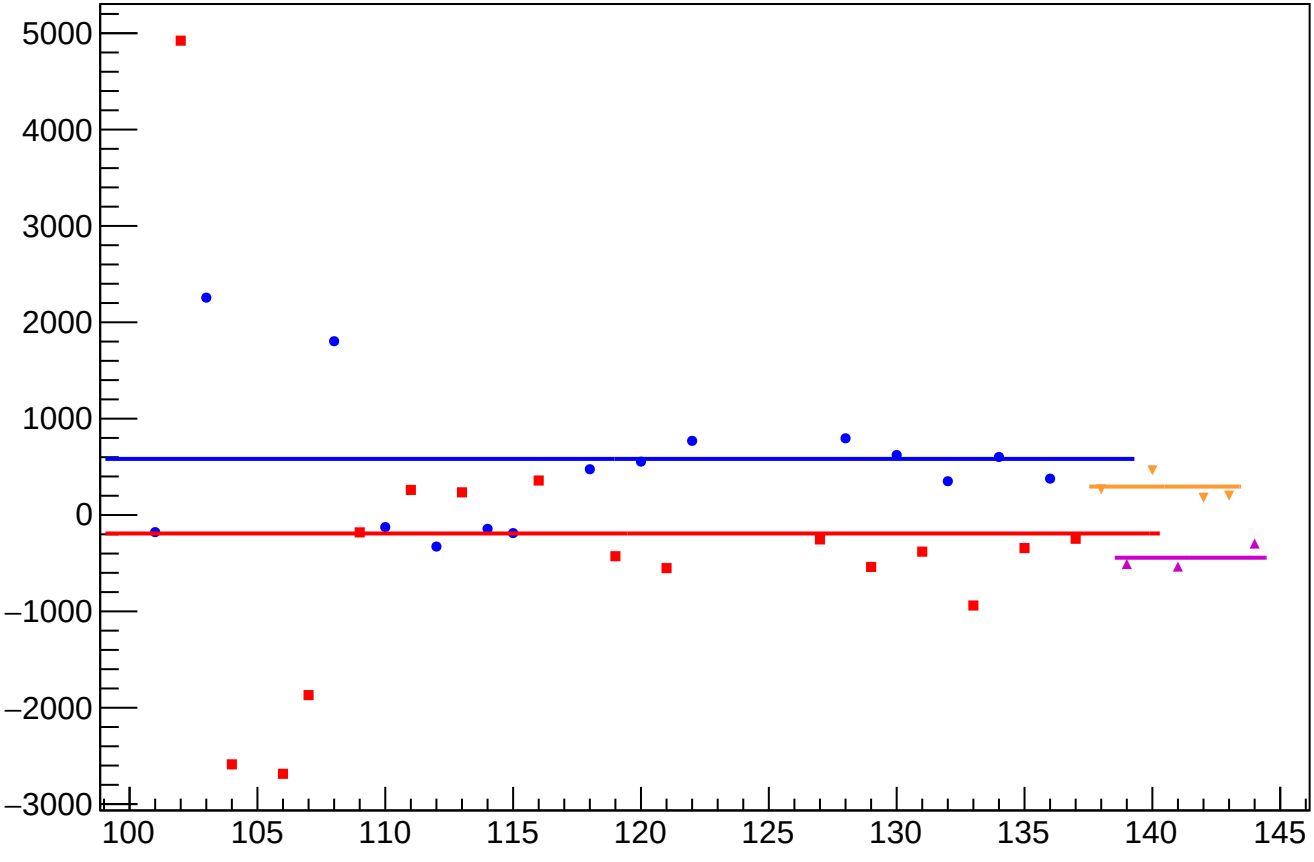
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:8427152935512 35

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -61.505+/-0.000 χ^2/NDF: 7842932519906243

Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14

Right: 190.108+/-0.000 χ^2/NDF: 270460615635385

Left Out: 294.972+/-0.000 χ^2/NDF:36127819177718837108359913095959674 88.0/3

In: 293.107+/-0.000 χ^2/NDF:5343193645671497 4

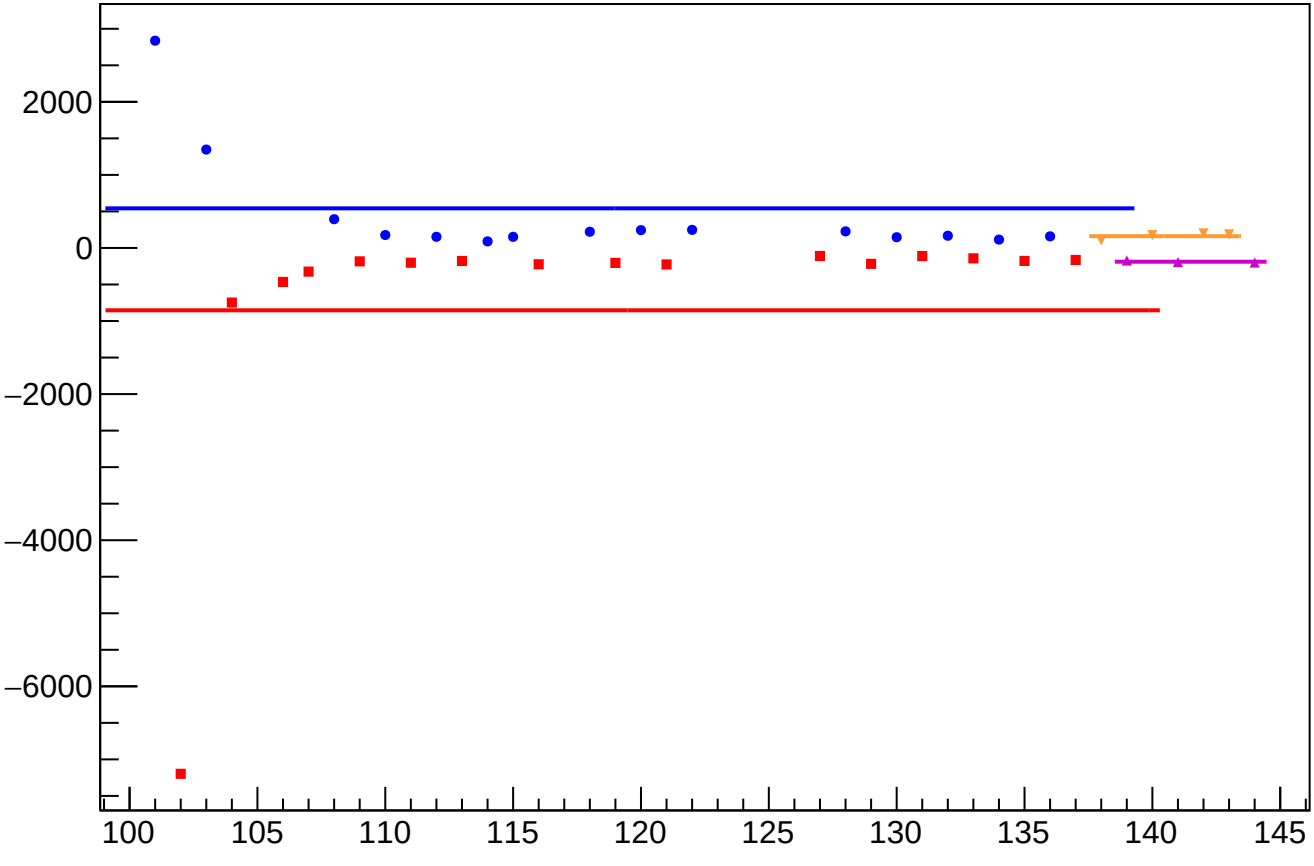
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15

Out: -50.278+/-0.000 χ^2/NDF:2218234726545694

Left In: -443.146+/-0.000 χ^2/NDF:2984134420788790881552283119665545216.0/2

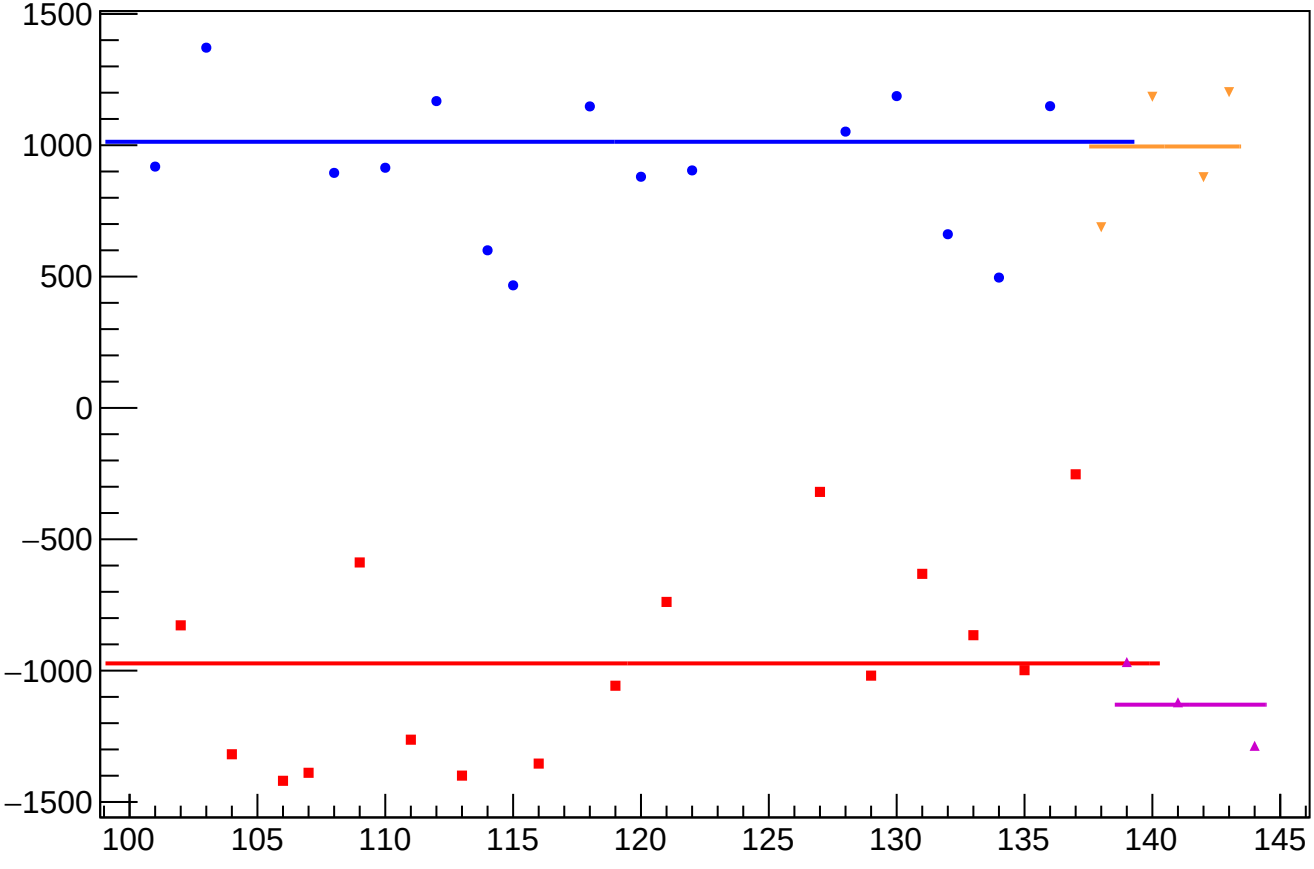
All: 118.063+/-0.000 χ^2/NDF: 28068914146 7

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -7.485+/-0.000 χ^2/NDF: 16539258579254215
Right In: 542.328+/-0.000 χ^2/NDF: 41437881200379554964903404846281706700 8.0/14
Right: -164.982+/-0.000 χ^2/NDF: 36290648240362
Left Out: 161.371+/-0.000 χ^2/NDF:387547486329658650599445603383508992.0/3
In: 336.244+/-0.000 χ^2/NDF:5121281990861395
Right Out: -853.203+/-0.000 χ^2/NDF: 2574076381441046787772449137133917044736.0/15
Out: -558.545+/-0.000 χ^2/NDF:277386546070827
Left In: -188.260+/-0.000 χ^2/NDF:3455456514442294938252833477099520 0.0/2
All: -119.885+/-0.000 χ^2/NDF: 36549511312

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

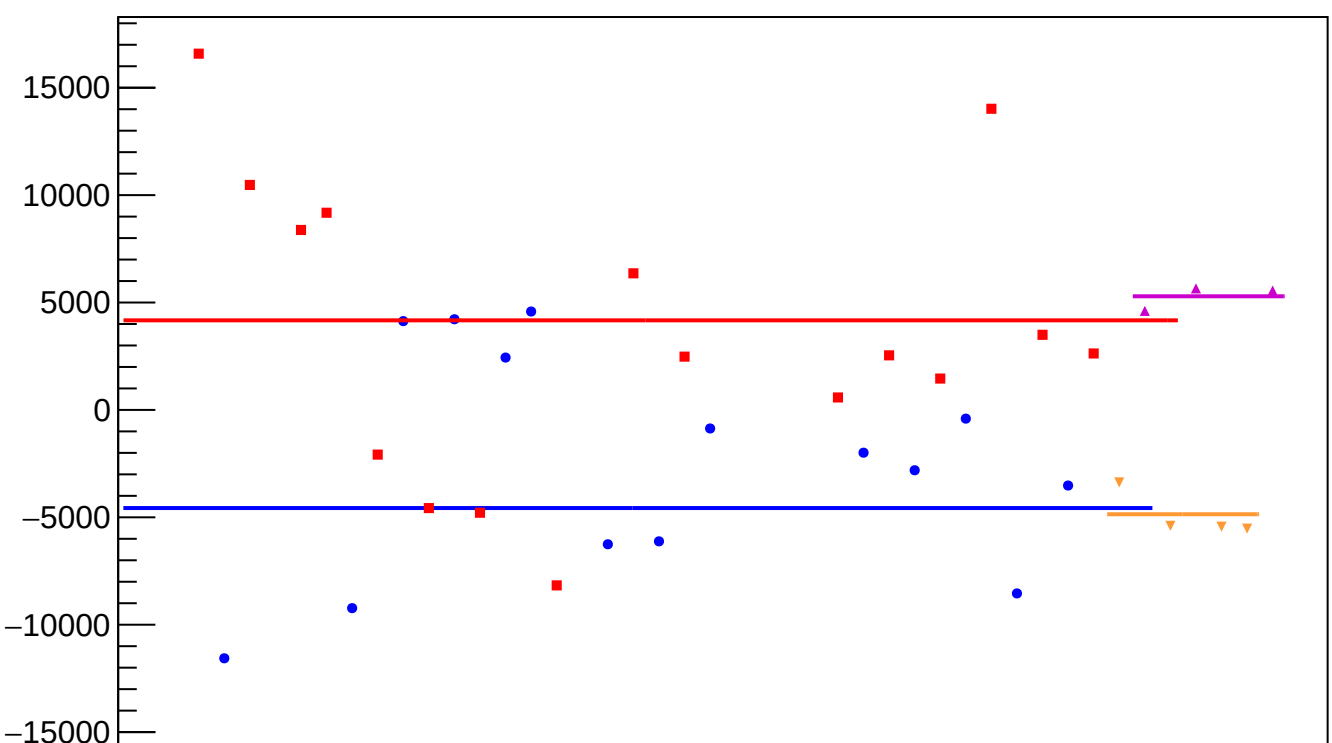
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_atr2_coil6_mean vs Slug, Sign Corrected



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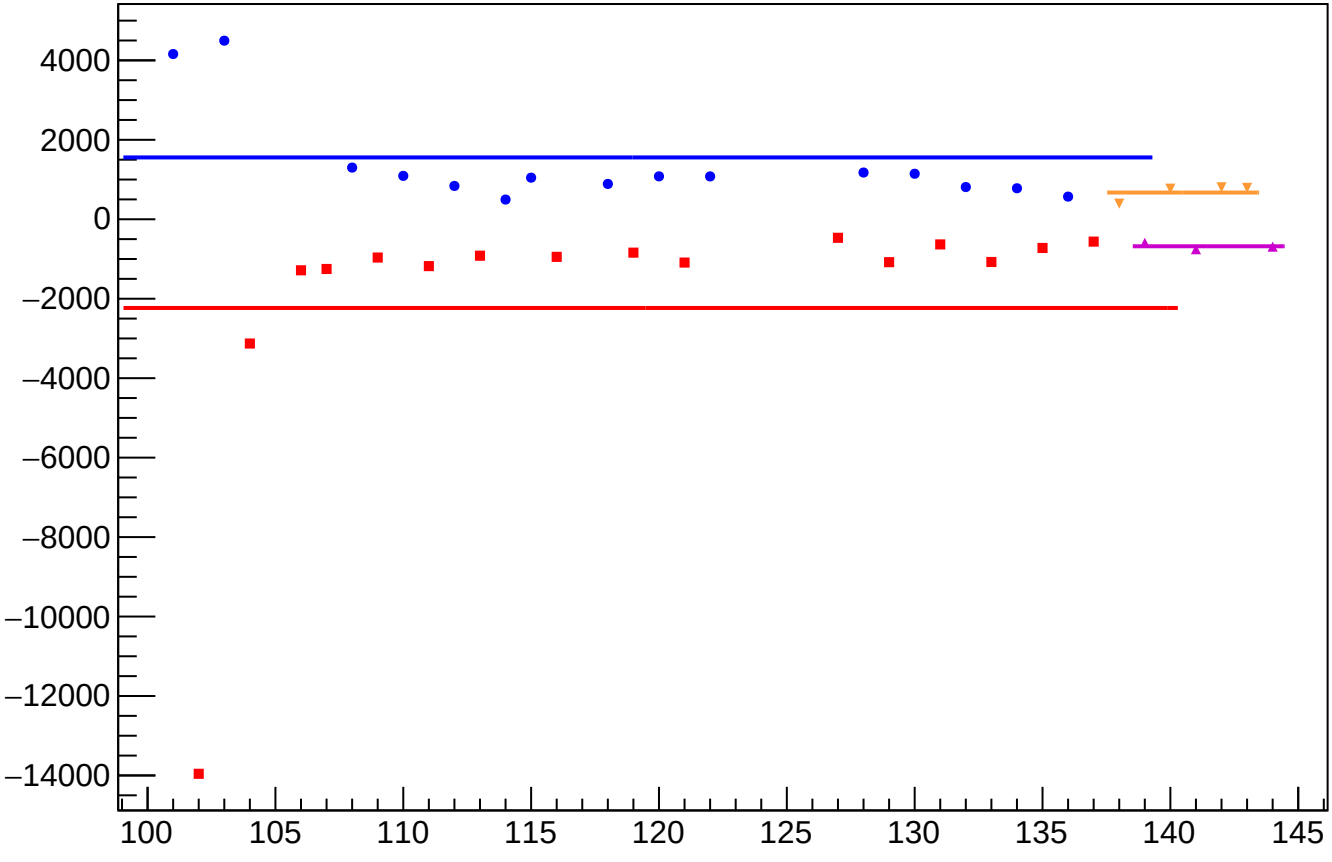
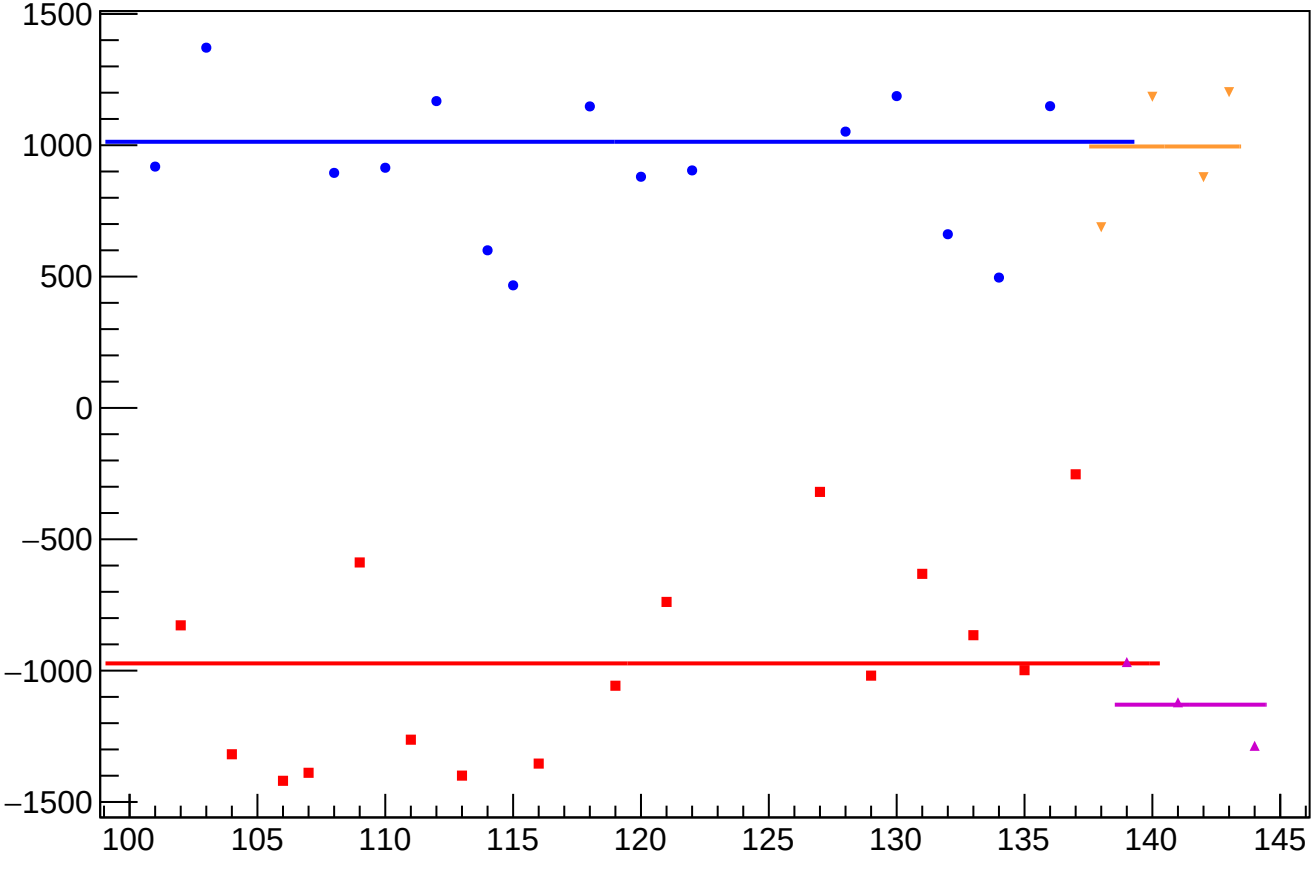
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -4857.043+/-0.000 χ^2/NDF:2408340876930262806417768561448876769 28.0/3
In: -1787.360+/-0.000 χ^2/NDF:420436250708546
Right Out: 4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 4128.0/15
Out: 1548.865+/-0.000 χ^2/NDF:469960400363882
Left In: 5290.398+/-0.000 χ^2/NDF:5532418744988733050169560819570835 4560.0/2
All: -86.681+/-0.000 χ^2/NDF: 941688202963

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 19.729+/-0.000 χ^2/NDF: 2509619017409551
Right In: 1556.763+/-0.000 χ^2/NDF: 113936423921860056719185513175693079347 2.0/14
Right: -363.793+/-0.000 χ^2/NDF: 14852877470384
Left Out: 673.052+/-0.000 χ^2/NDF:857184214961115277008669350059363532 8.0/3
In: 925.900+/-0.000 χ^2/NDF:2056159828655883
Right Out: -2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15
Out: -1388.668+/-0.000 χ^2/NDF:10634366830421
Left In: -679.710+/-0.000 χ^2/NDF:111564147938092556689503330792112128 0.0/2
All: -253.977+/-0.000 χ^2/NDF: 15159264959

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

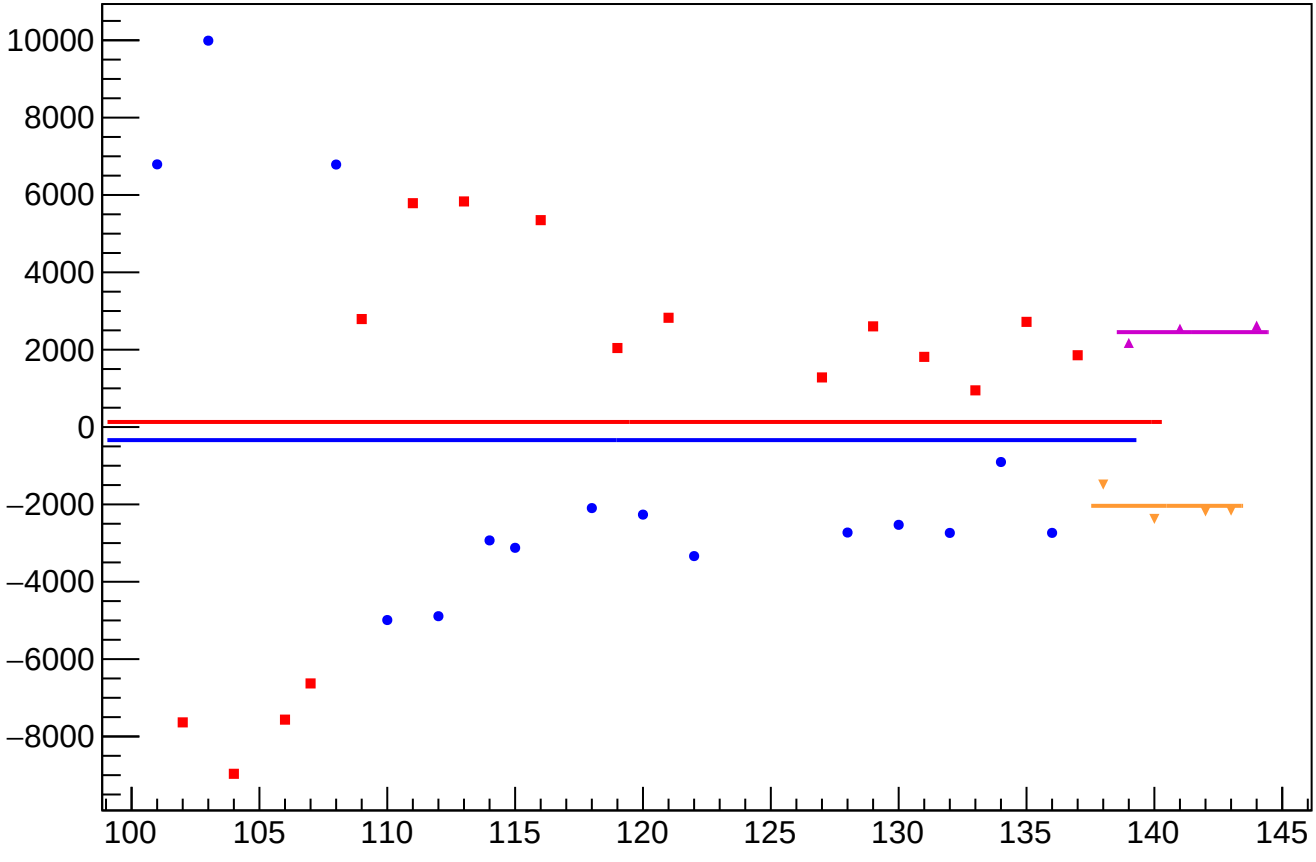
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_sam1_coil6_mean vs Slug, Sign Corrected



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Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2036.723+/-0.000 χ^2/NDF:3497814014037066152318681788594729779 2.0/3

In: 449.618+/-0.000 χ^2/NDF:1658876456822701

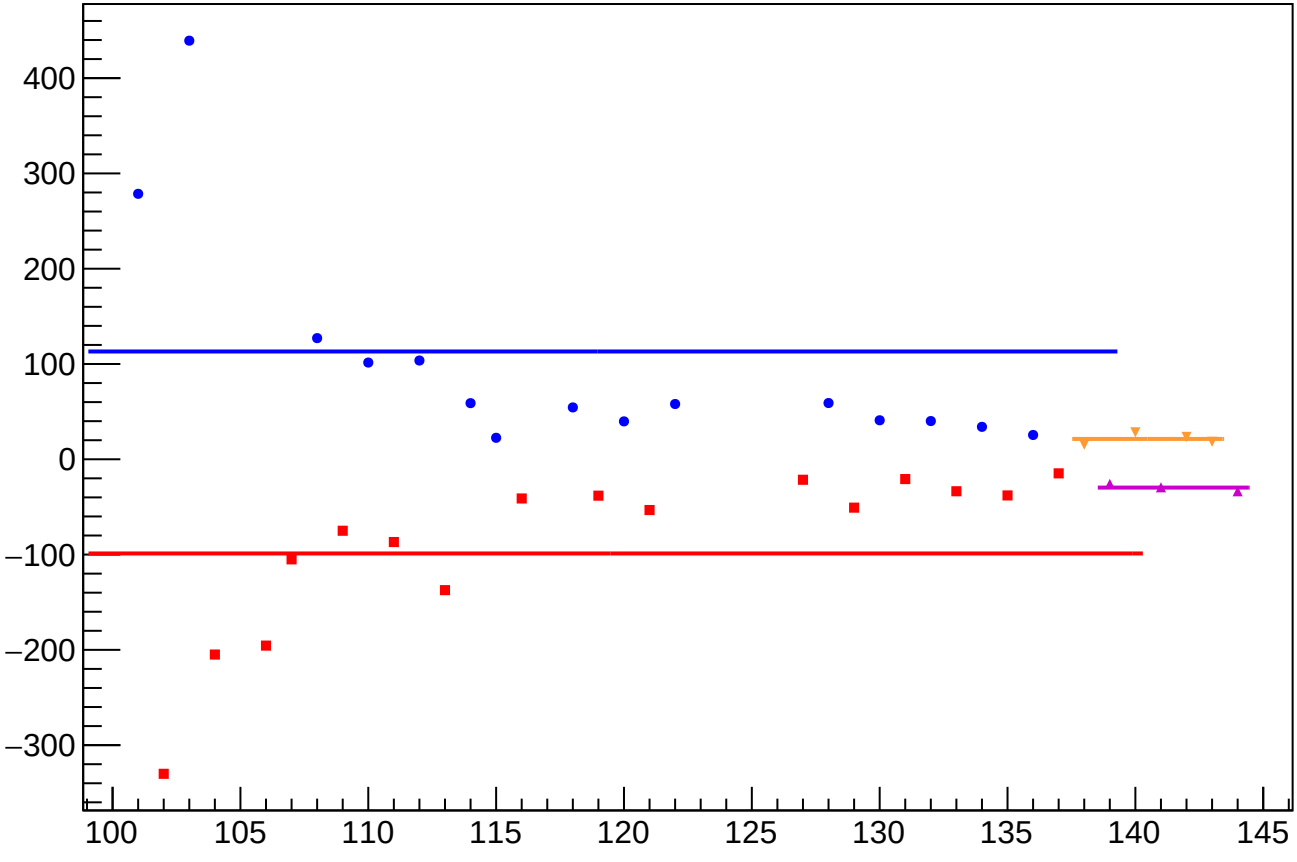
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -498.175+/-0.000 χ^2/NDF:174189200524748

Left In: 2453.840+/-0.000 χ^2/NDF:9473368181706755096591200691882557440.0/2

All: -33.530+/-0.000 χ^2/NDF: 344216488334

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -3.310+/-0.000 χ^2/NDF: 35399918298106525

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 21.353+/-0.000 χ^2/NDF:756701220056889516583195762071961 6.0/3

In: 72.839+/-0.000 χ^2/NDF:13727882585573317 4

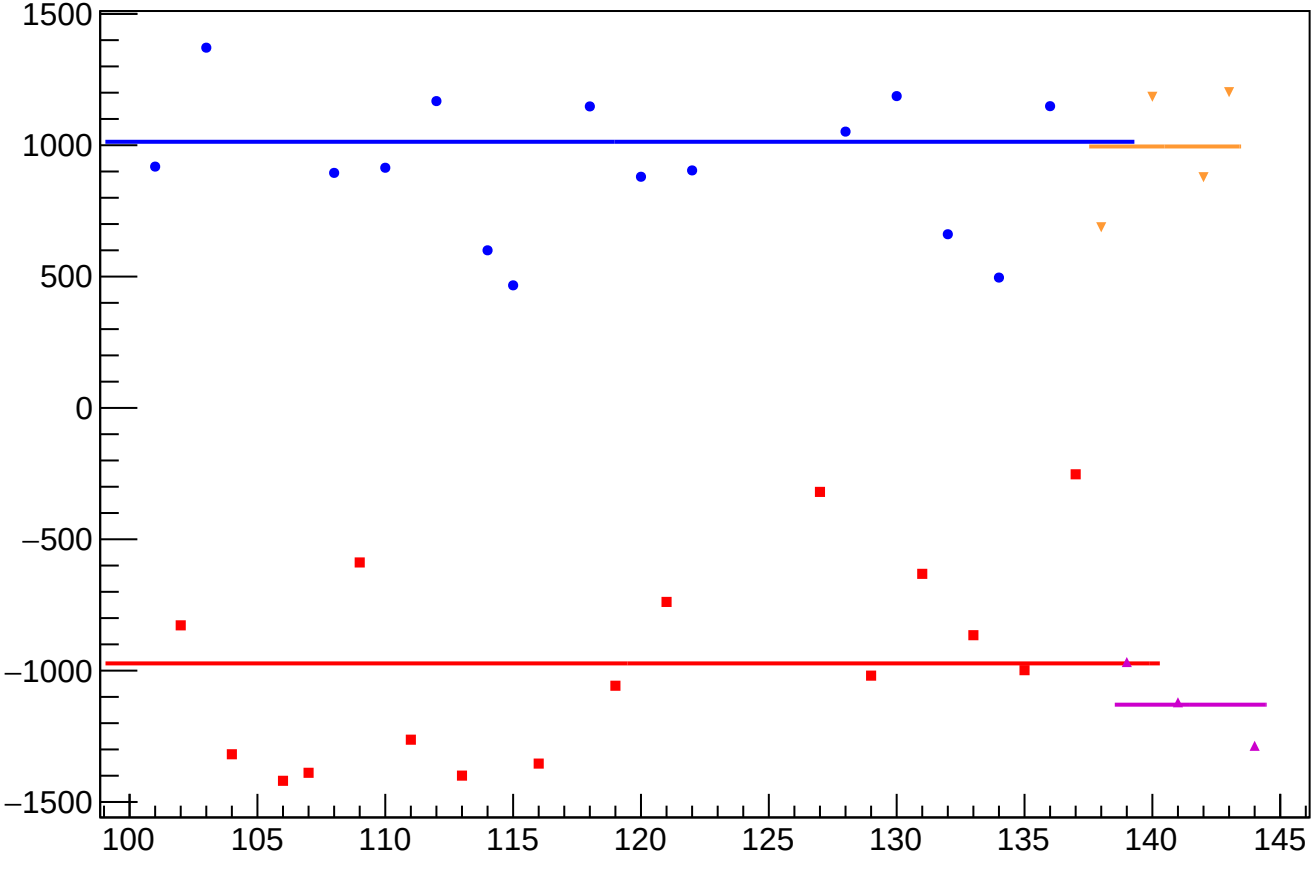
Right Out: -98.833+/-0.000 χ^2/NDF: 551036530859042633395361070126098022 4.0/15

Out: -63.928+/-0.000 χ^2/NDF:8316069945235942

Left In: -29.715+/-0.000 χ^2/NDF:2588237990004248238663738979254272.0/2

All: 3.120+/-0.000 χ^2/NDF: 3066377216376 7

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

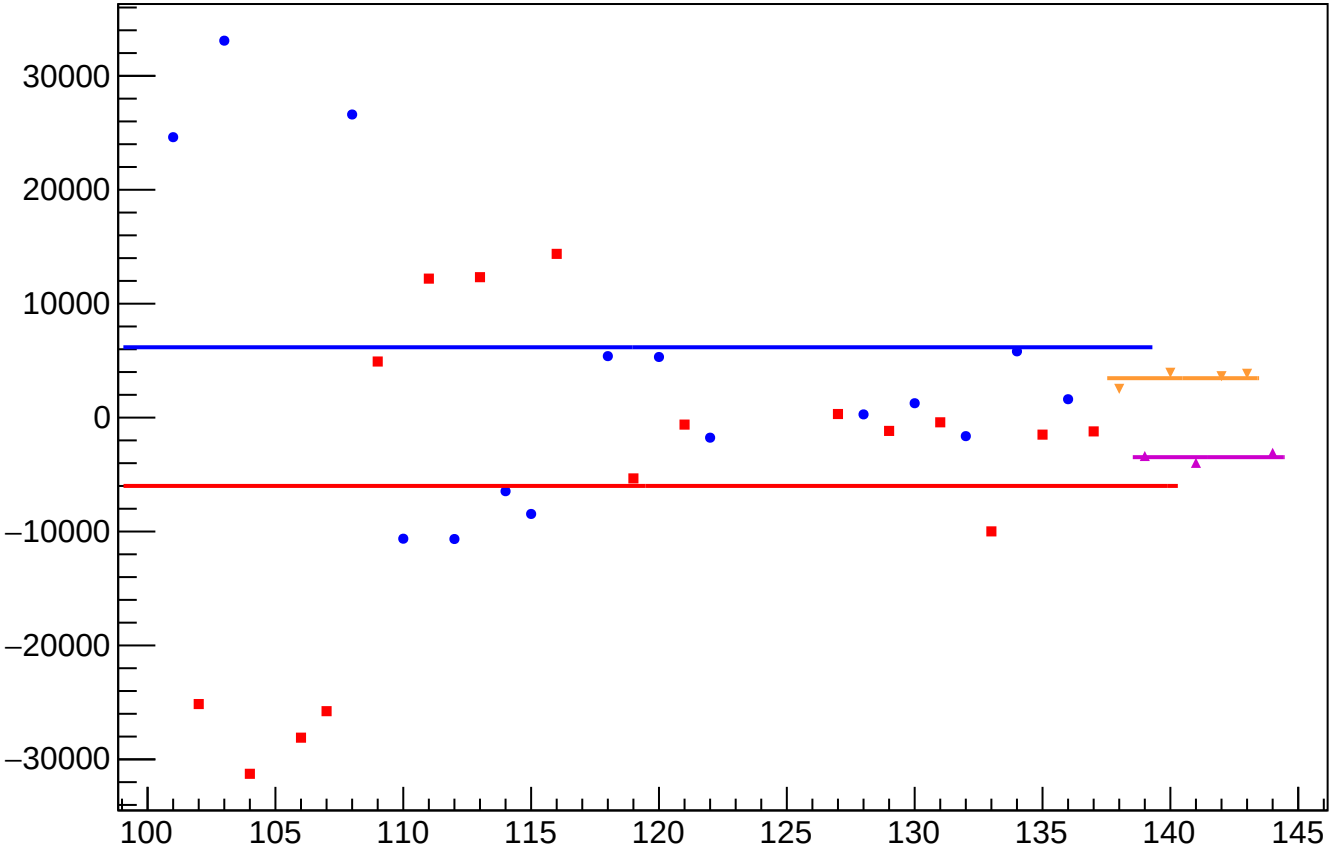
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:8427152935512 35

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 112.352+/-0.000 χ^2/NDF: 6469009850492461

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: 3460.203+/-0.000 χ^2/NDF:983176765151930713809373861071856599 04.0/3

In: 3454.183+/-0.000 χ^2/NDF:1343343621974999

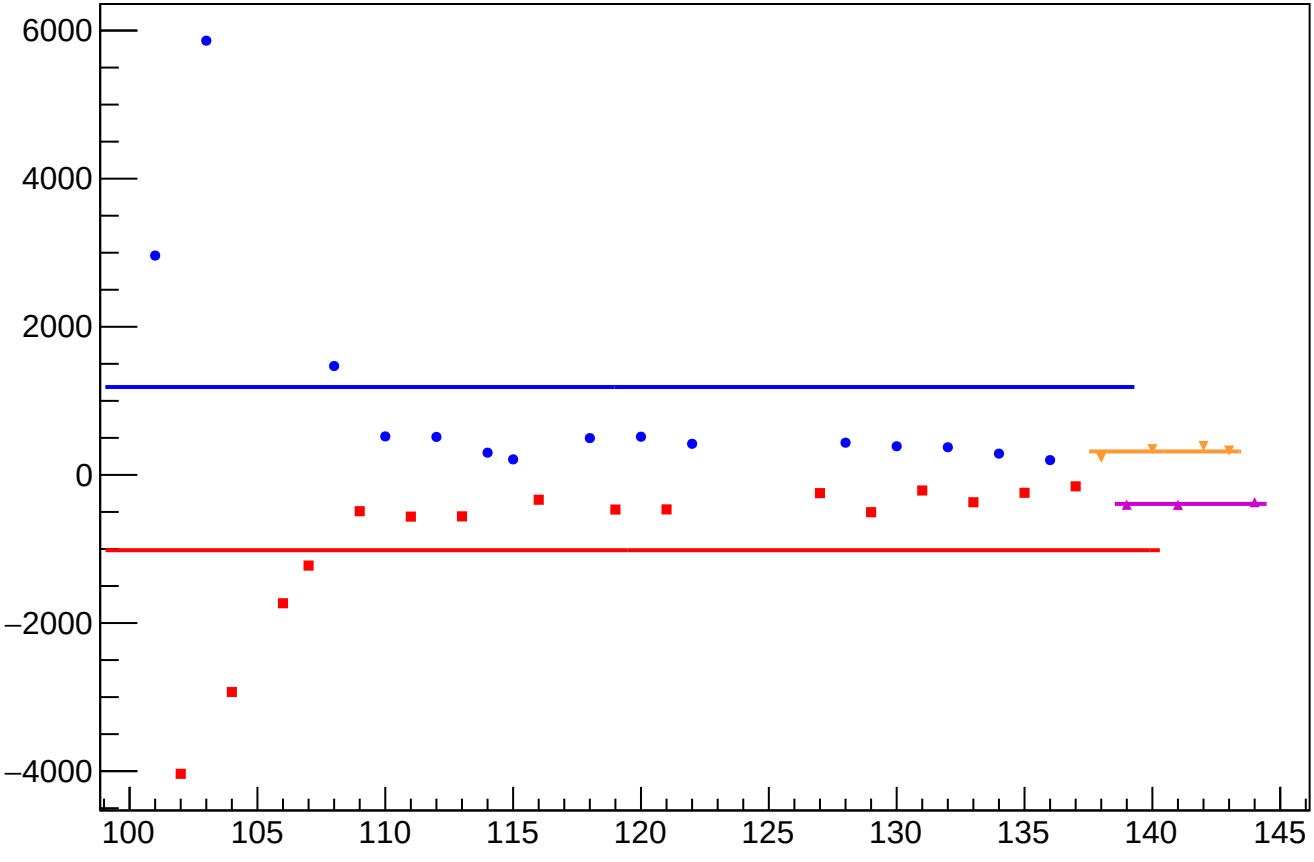
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15

Out: -3250.193+/-0.000 χ^2/NDF:15448054008613

Left In: -3471.817+/-0.000 χ^2/NDF:3507933869066941061581899080713371648 0.0/2

All: 36.551+/-0.000 χ^2/NDF: 3095283351427

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -25.214+/-0.000 χ^2/NDF: 6709258067860520

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 316.740+/-0.000 χ^2/NDF:9224054601433561222820680927165808 64.0/3

In: 741.682+/-0.000 χ^2/NDF:2252481114856316 7

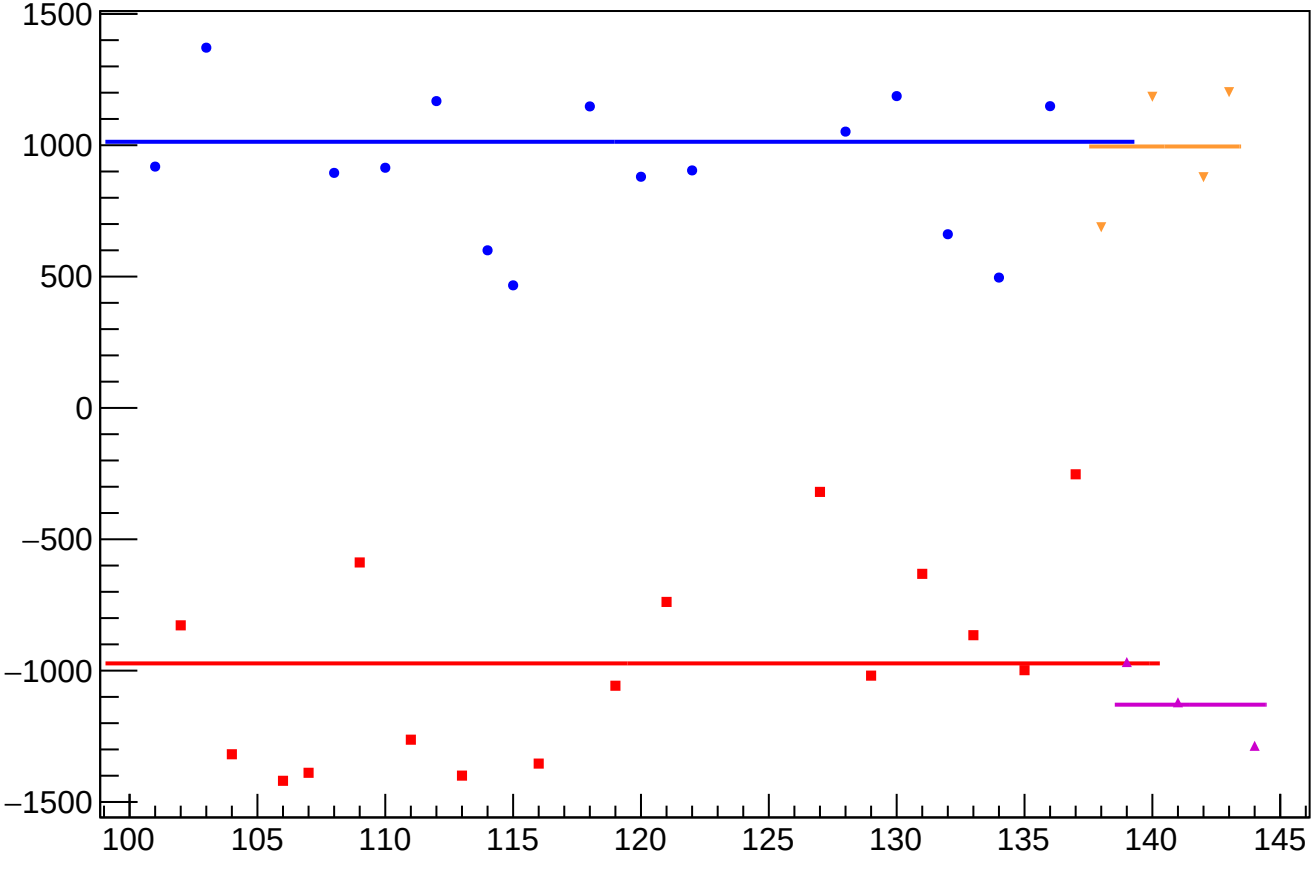
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250 57280.0/15

Out: -629.458+/-0.000 χ^2/NDF:127301988965094

Left In: -391.305+/-0.000 χ^2/NDF:7192895048236108459604818287971532 8.0/2

All: 42.728+/-0.000 χ^2/NDF: 4391861162594

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

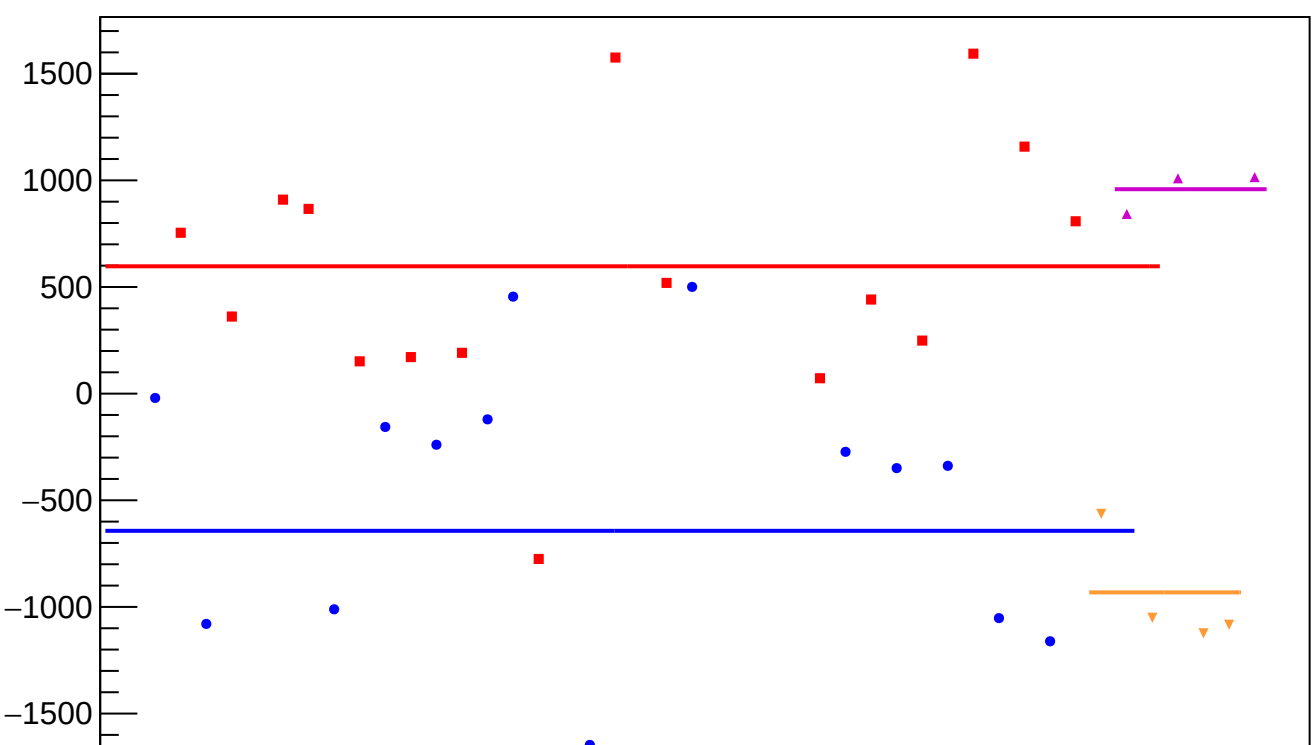
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_sam3_coil6_mean vs Slug, Sign Corrected



Left: -18.882+/-0.000 χ^2/NDF: 4876812524234561

Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14

Right: -14.605+/-0.000 χ^2/NDF: 989448118075246

Left Out: -931.802+/-0.000 χ^2/NDF:1497656287157877104829957556567382 4256.0/3

In: -191.411+/-0.000 χ^2/NDF:743975142783403 8

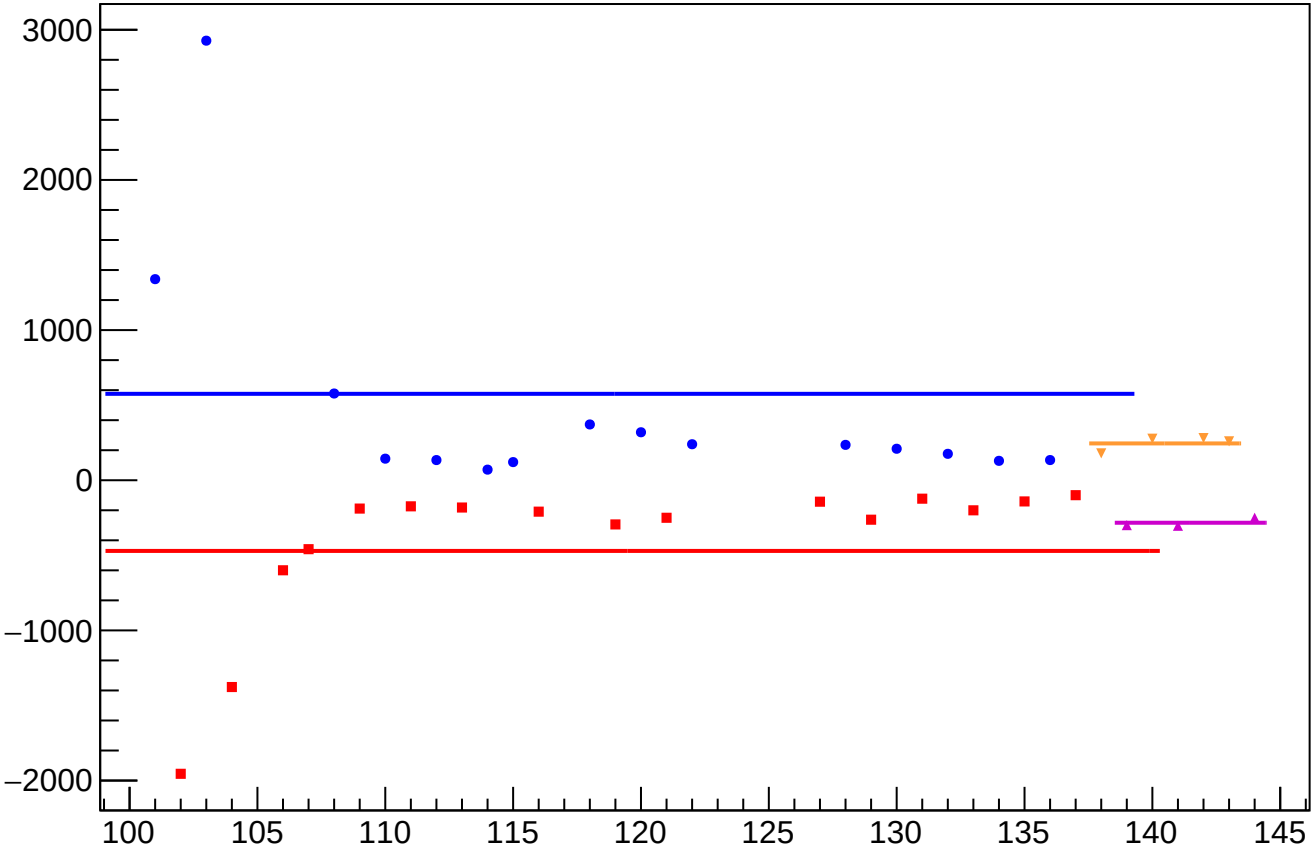
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053 76512.0/15

Out: 153.027+/-0.000 χ^2/NDF:678489999886655 3

Left In: 958.480+/-0.000 χ^2/NDF:1594960956922009065432488987982823 424.0/2

All: -15.830+/-0.000 χ^2/NDF: 147713626155

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -9.924+/-0.000 χ^2/NDF: 37446805945579078

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510

Left Out: 245.217+/-0.000 χ^2/NDF:4937699910053359310066843496585625 60.0/3

In: 333.332+/-0.000 χ^2/NDF:5677937543416156 3

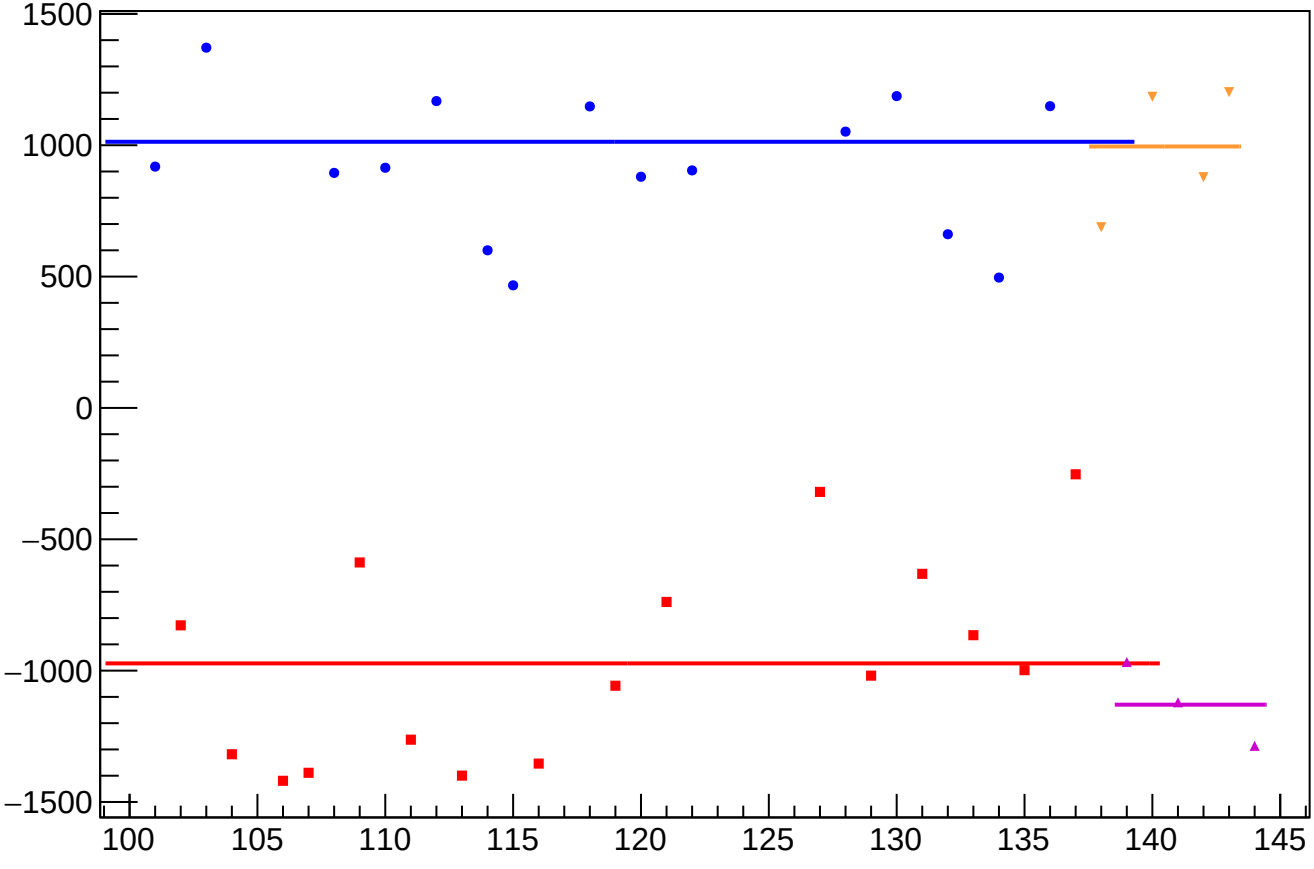
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

Out: -262.791+/-0.000 χ^2/NDF:309094240703293

Left In: -283.074+/-0.000 χ^2/NDF:155794757972046171301576795284832256.0/2

All: 29.452+/-0.000 χ^2/NDF: 1040647773002

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

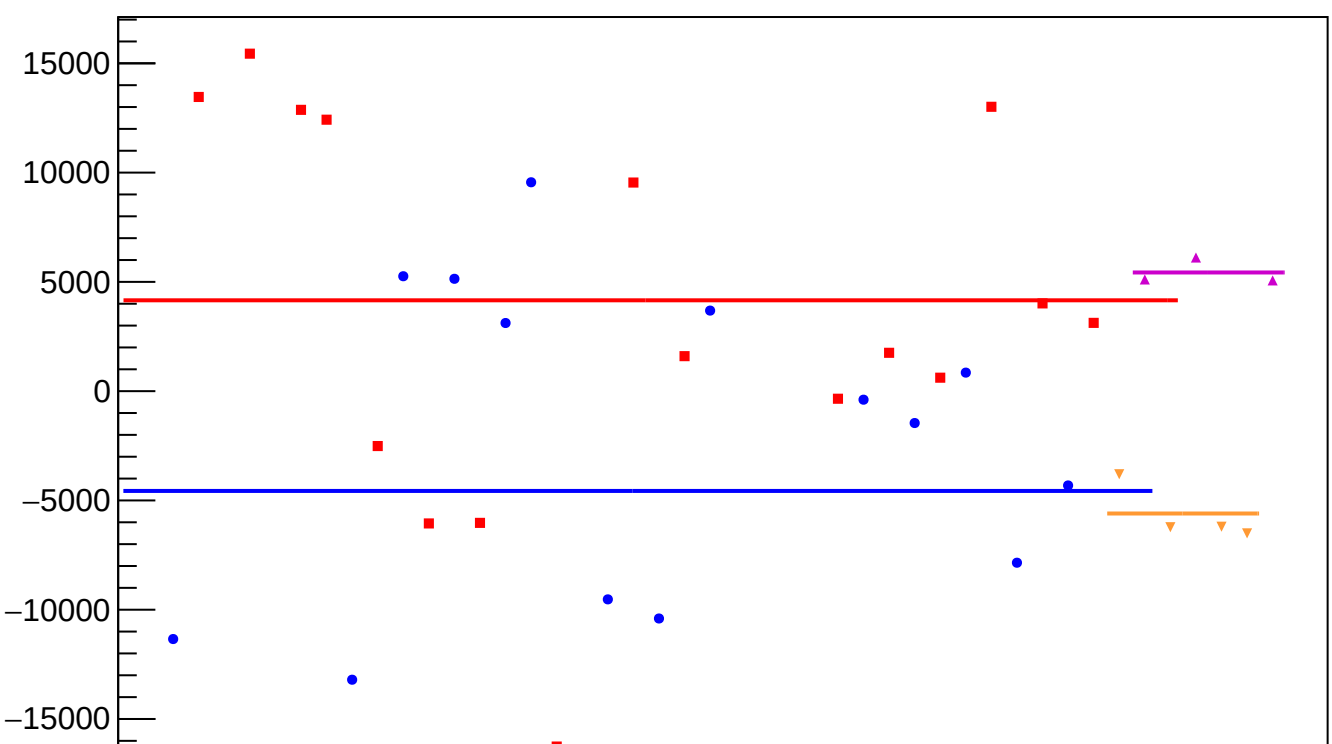
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:8427152935512 35

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: -271.831+/-0.000 χ^2/NDF: 164516391577818

Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Right: -144.626+/-0.000 χ^2/NDF: 10623220696347

Left Out: -5598.007+/-0.000 χ^2/NDF:3561766515532312543467019777642961305 60.0/3

In: -1745.823+/-0.000 χ^2/NDF:540188599935358

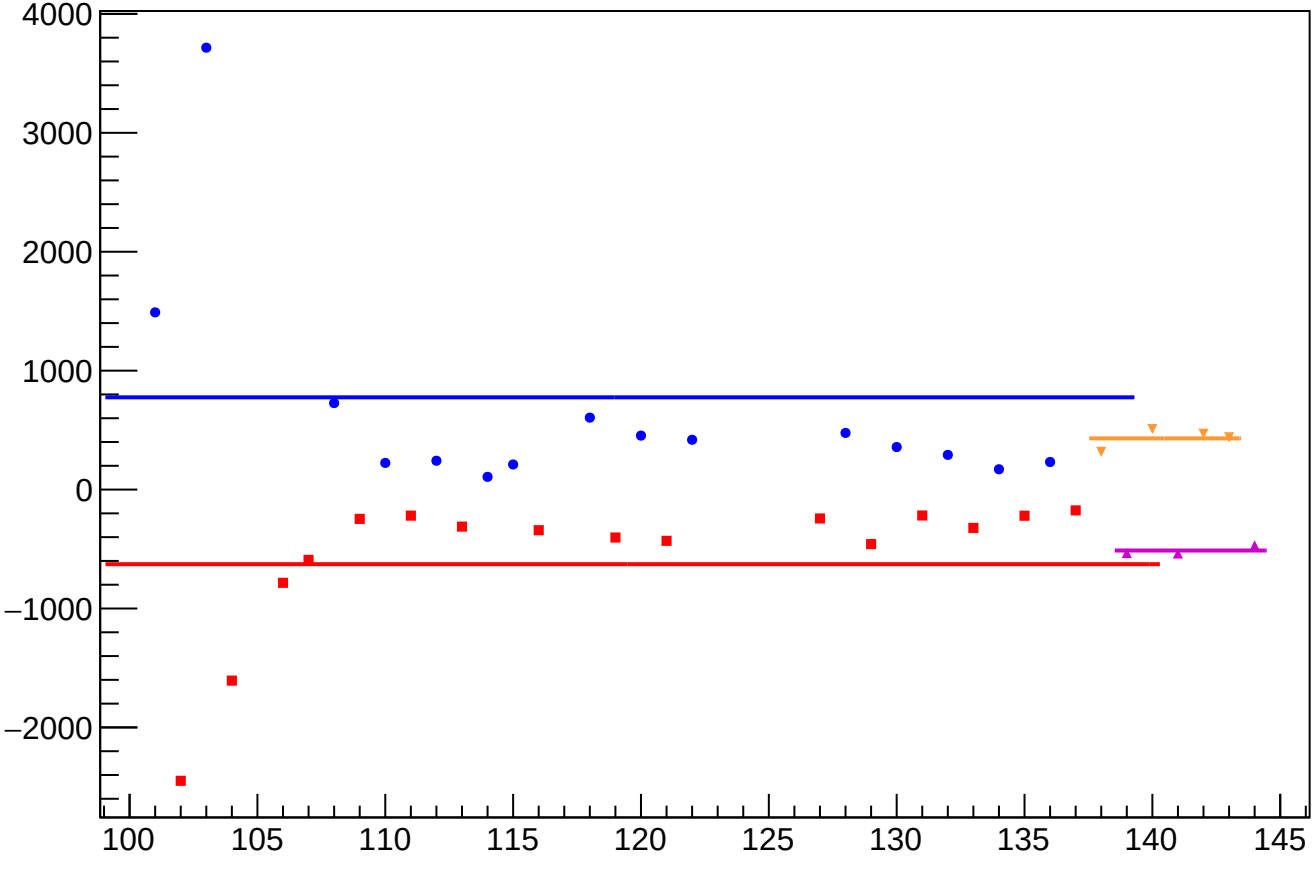
Right Out: 4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

Out: 1323.797+/-0.000 χ^2/NDF:643289377148950

Left In: 5430.310+/-0.000 χ^2/NDF:5978371662684287603163250638649819136 0.0/2

All: -181.049+/-0.000 χ^2/NDF: 12268994346

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -24.816+/-0.000 χ^2/NDF: 1190918328020111

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 430.656+/-0.000 χ^2/NDF:157122961622425919146682336910770176 0.0/3

In: 412.431+/-0.000 χ^2/NDF:9459359927559346 5

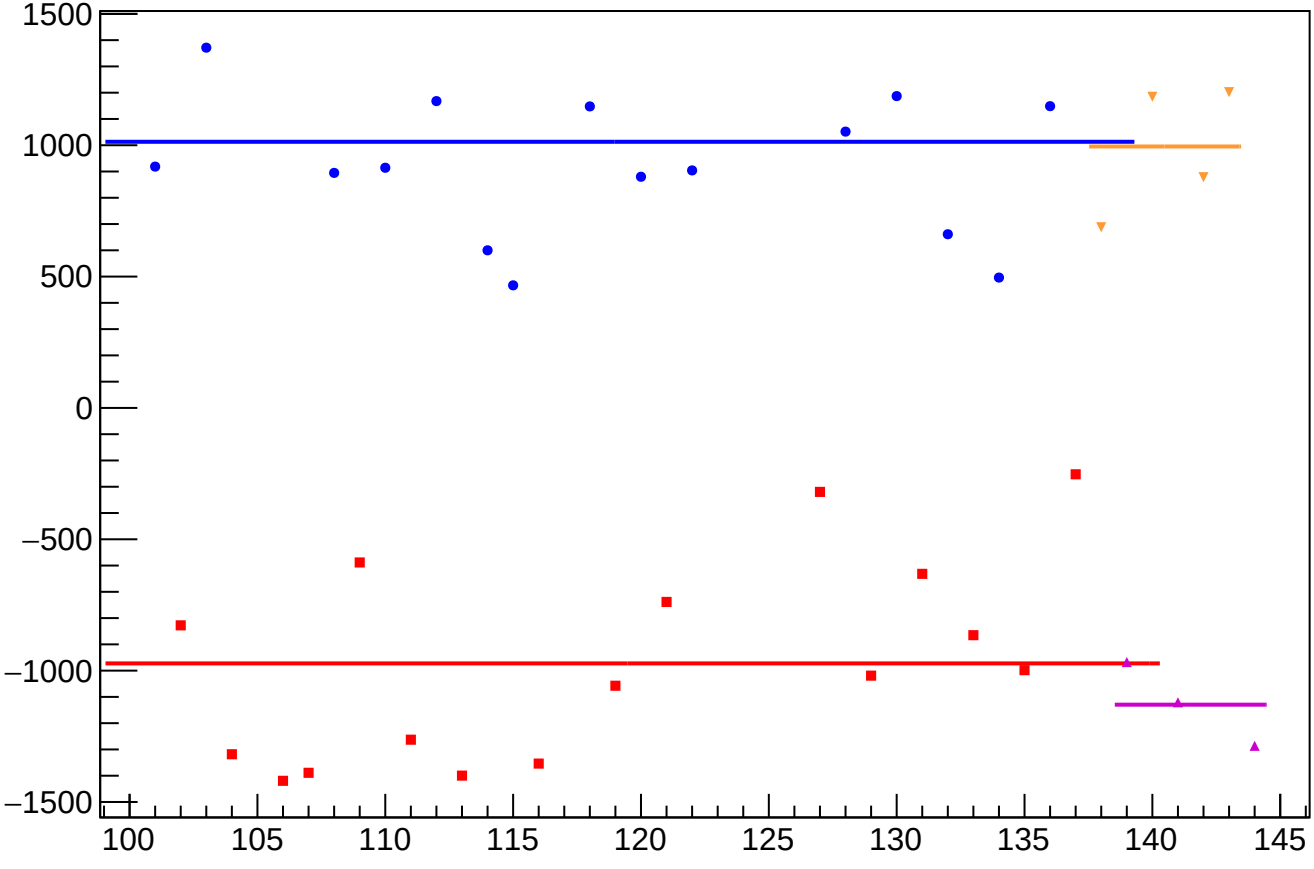
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -320.053+/-0.000 χ^2/NDF:515913295895837

Left In: -512.440+/-0.000 χ^2/NDF:252140103856882239843349088176177152.0/2

All: 39.039+/-0.000 χ^2/NDF: 170909660952 4

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

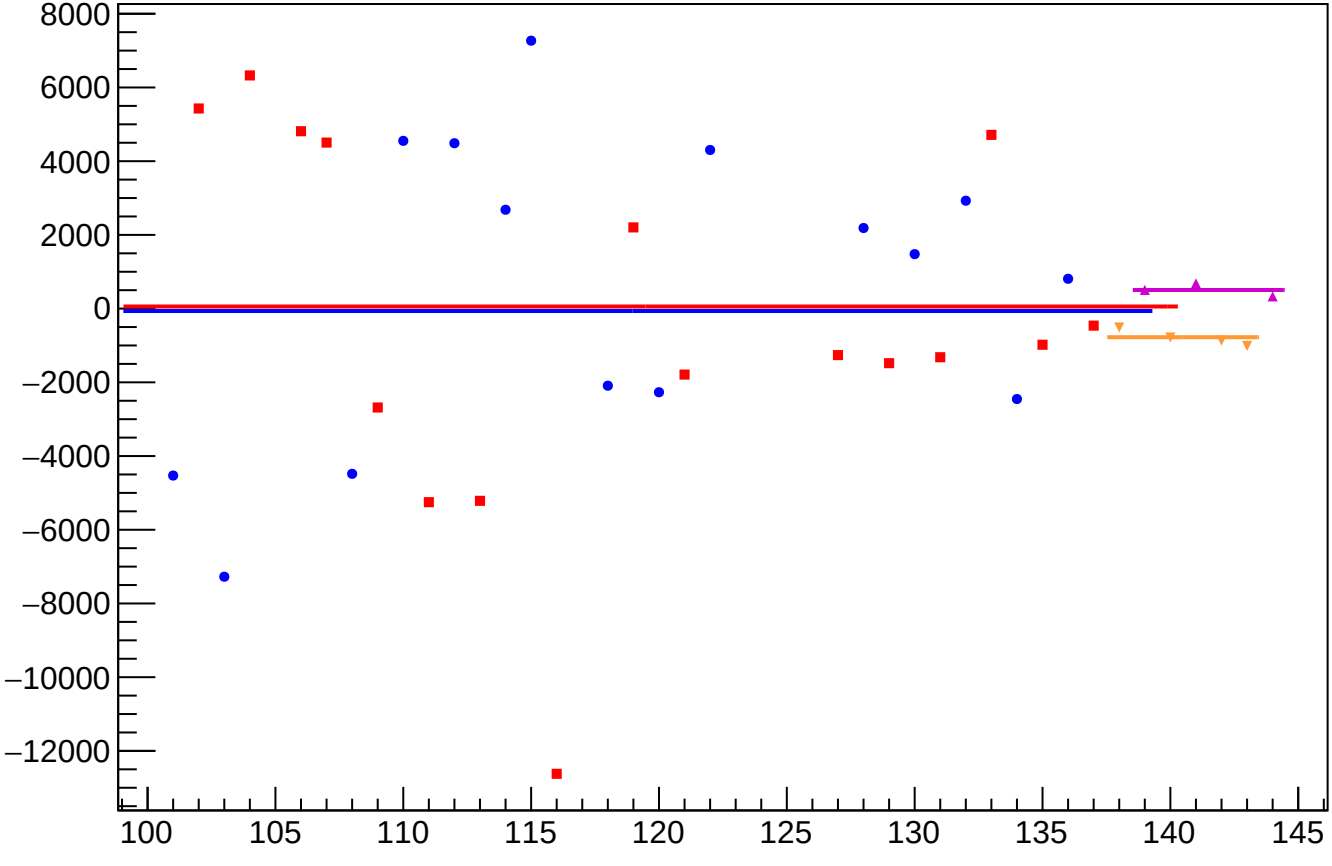
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:8427152935512 35

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_sam5_coil6_mean vs Slug, Sign Corrected



Left: -157.337+/-0.000 χ^2/NDF: 231515256278796

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095

Left Out: -776.289+/-0.000 χ^2/NDF:95737862497459274279232575986854789 12.0/3

In: 96.051+/-0.000 χ^2/NDF:967910002567194093

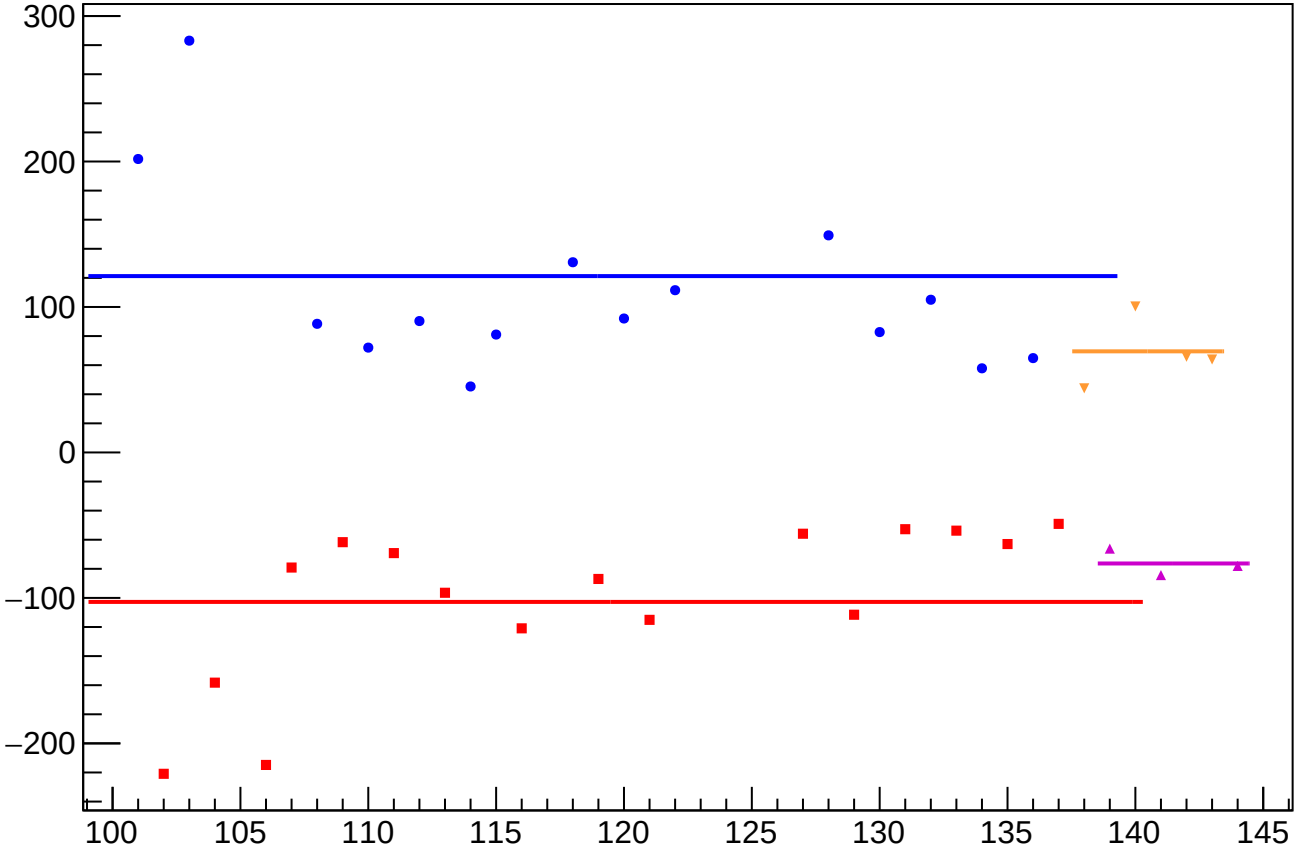
Right Out: 57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15

Out: -184.846+/-0.000 χ^2/NDF:139251156916181

Left In: 505.306+/-0.000 χ^2/NDF:538531161509710723246781822806890905 6.0/2

All: -47.140+/-0.000 χ^2/NDF: 236405761301

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Left: -0.928+/-0.000 χ^2/NDF: 29493047137434552

Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068

Left Out: 69.501+/-0.000 χ^2/NDF:131243707666185378193919605800435712.0/3

In: 65.501+/-0.000 χ^2/NDF:98823043551233605 6

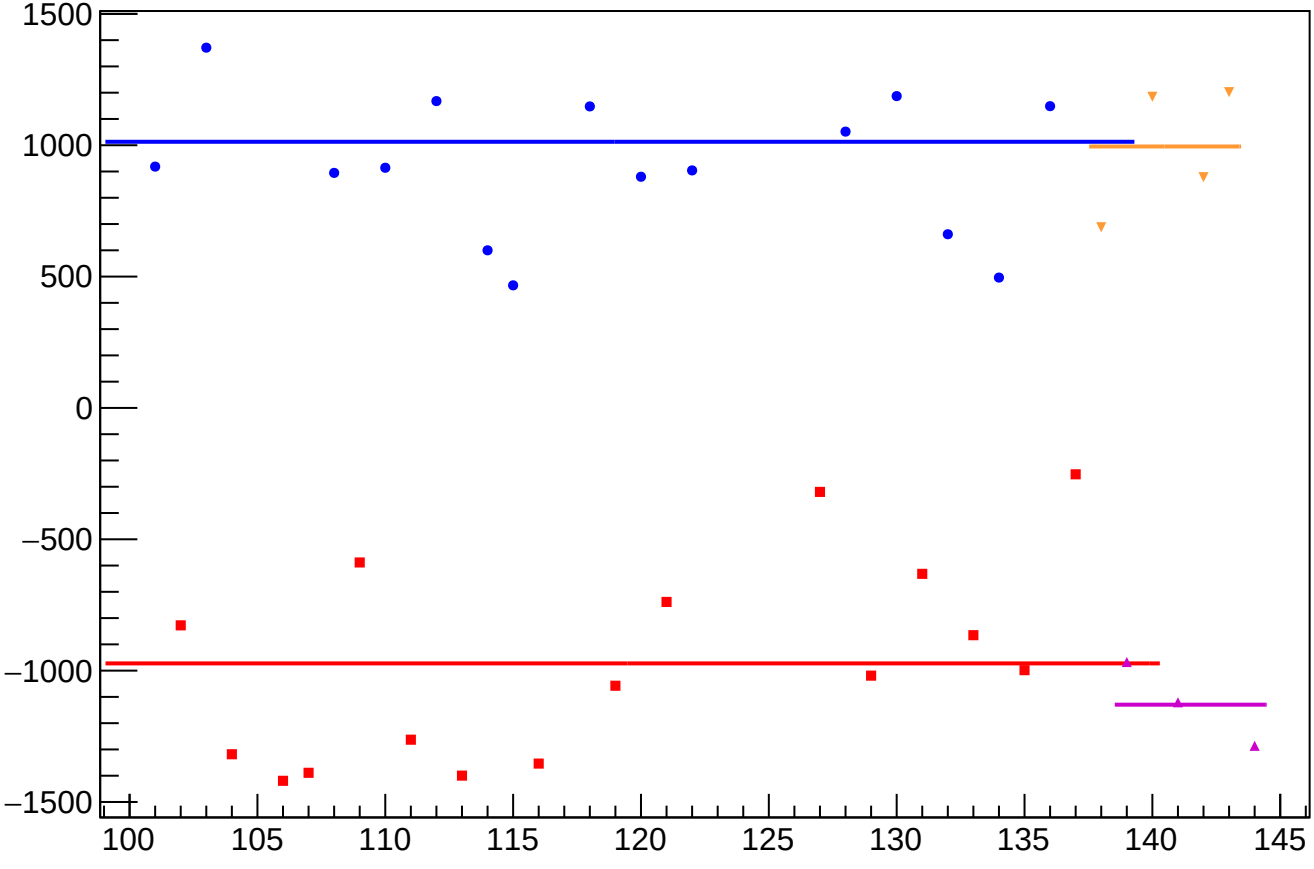
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

Out: -52.723+/-0.000 χ^2/NDF:7846437068953697

Left In: -76.330+/-0.000 χ^2/NDF:141143799728428310508114479929098 24.0/2

All: 5.235+/-0.000 χ^2/NDF: 2416962140301 0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

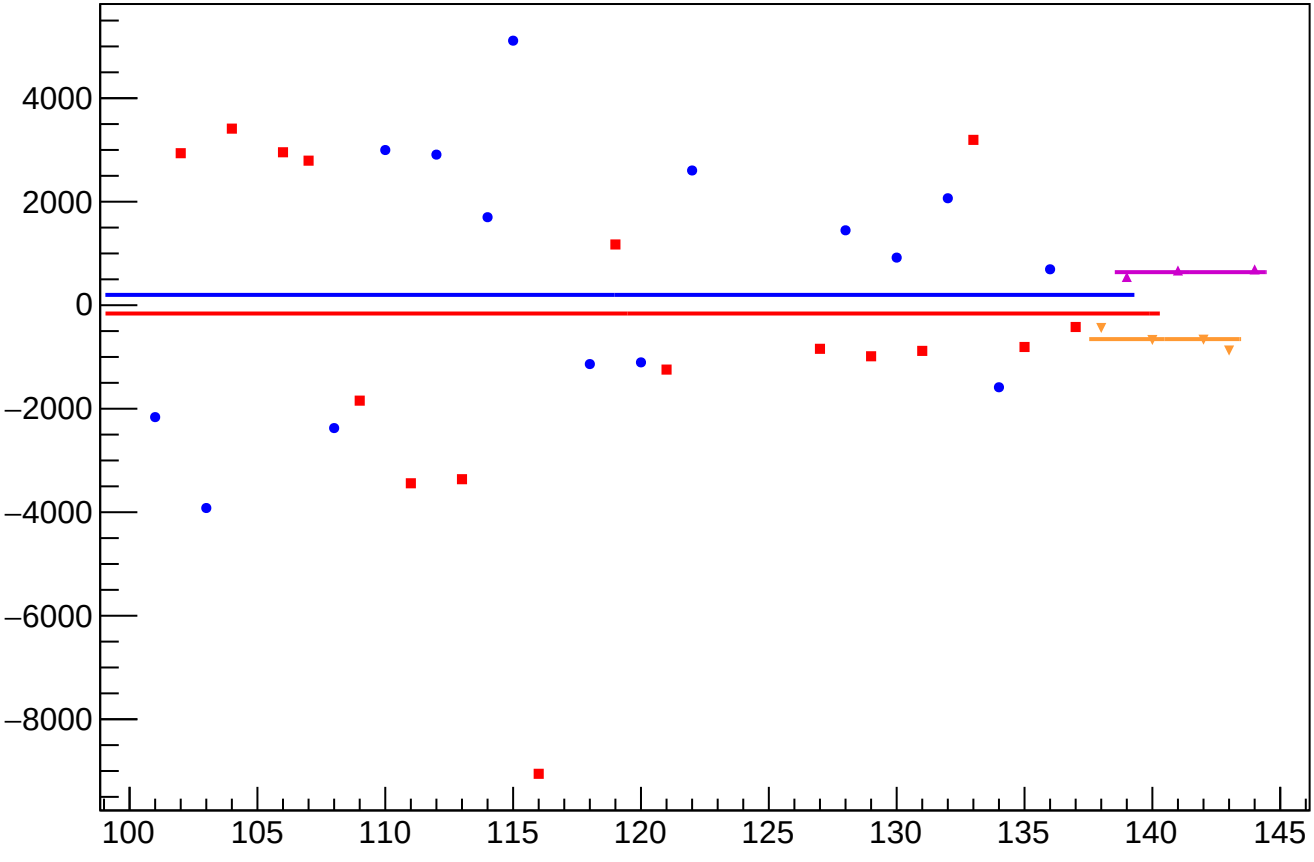
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -30.161+/-0.000 χ^2/NDF: 2286096445796567

Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -654.969+/-0.000 χ^2/NDF:68918411725801717285594995888058531 84.0/3

In: 323.406+/-0.000 χ^2/NDF:3304525501570139 4

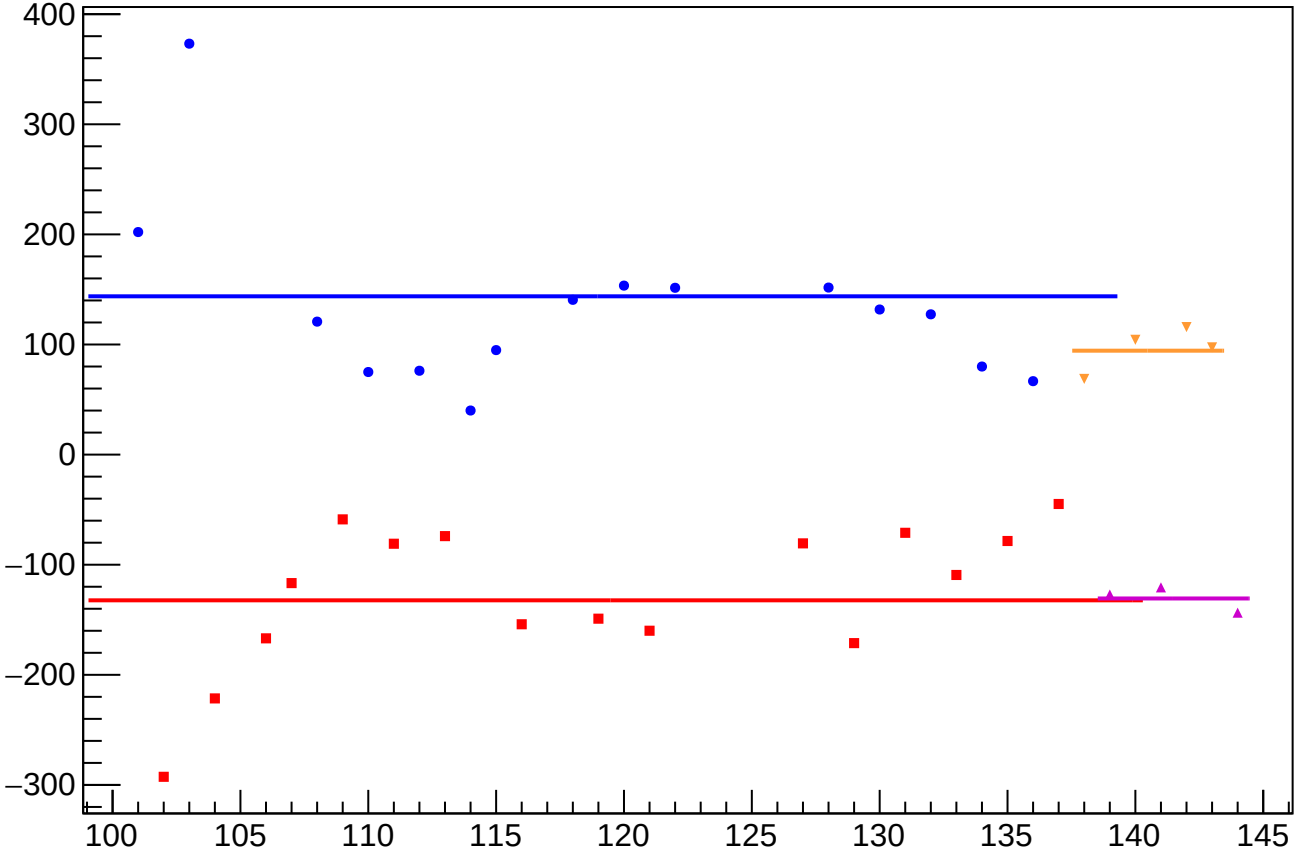
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -304.115+/-0.000 χ^2/NDF:573482923957144

Left In: 638.751+/-0.000 χ^2/NDF:1044585378722040382456543403761991680.0/2

All: 3.520+/-0.000 χ^2/NDF: 9220819493354 2

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



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Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 94.382+/-0.000 χ^2/NDF:810124592962744238090407347318947840.0/3

In: 66.355+/-0.000 χ^2/NDF:18325561596976094 3

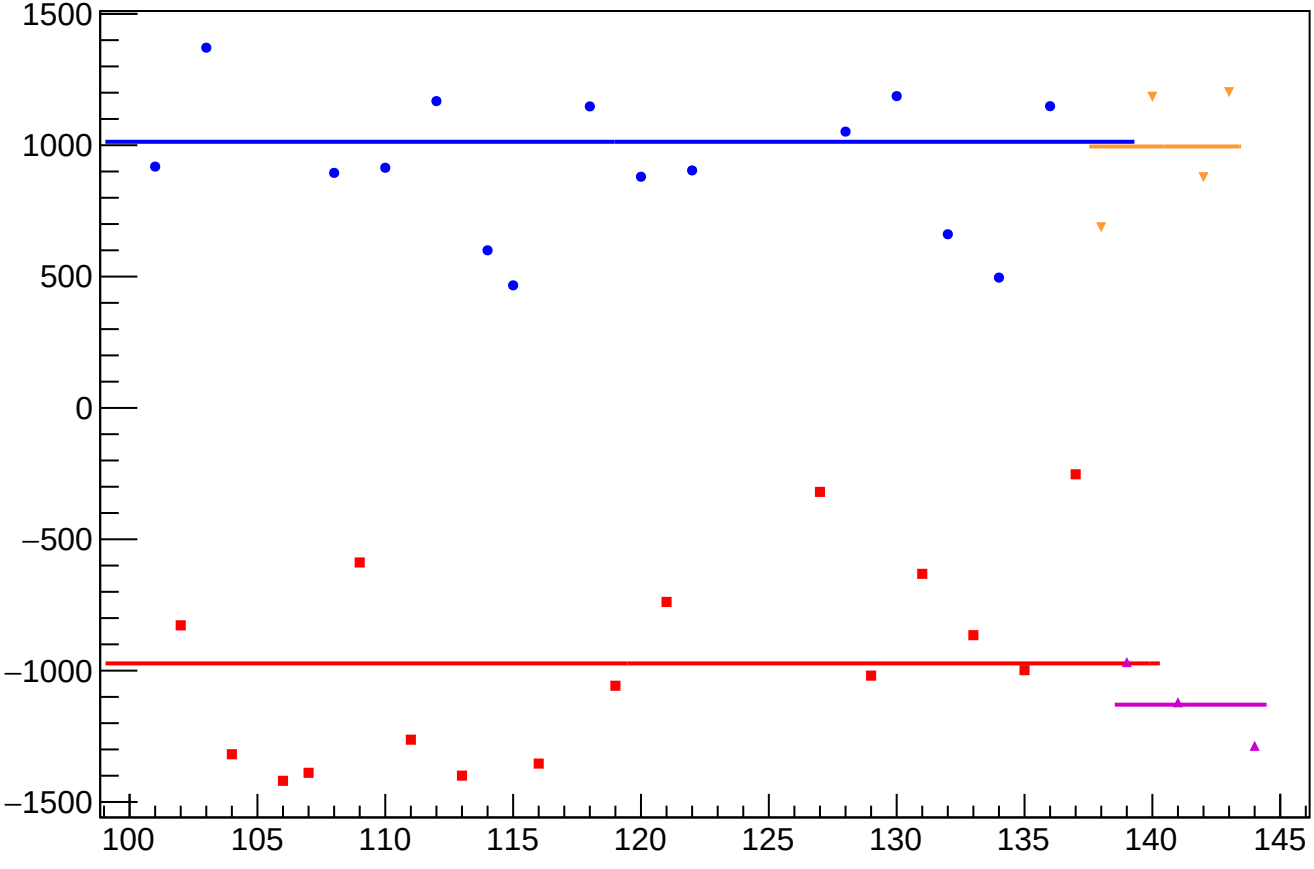
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235264 0.0/15

Out: -66.495+/-0.000 χ^2/NDF:1321260187947585

Left In: -130.656+/-0.000 χ^2/NDF:2448207099664507126392618846099865 6.0/2

All: -1.366+/-0.000 χ^2/NDF: 3967129832719

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

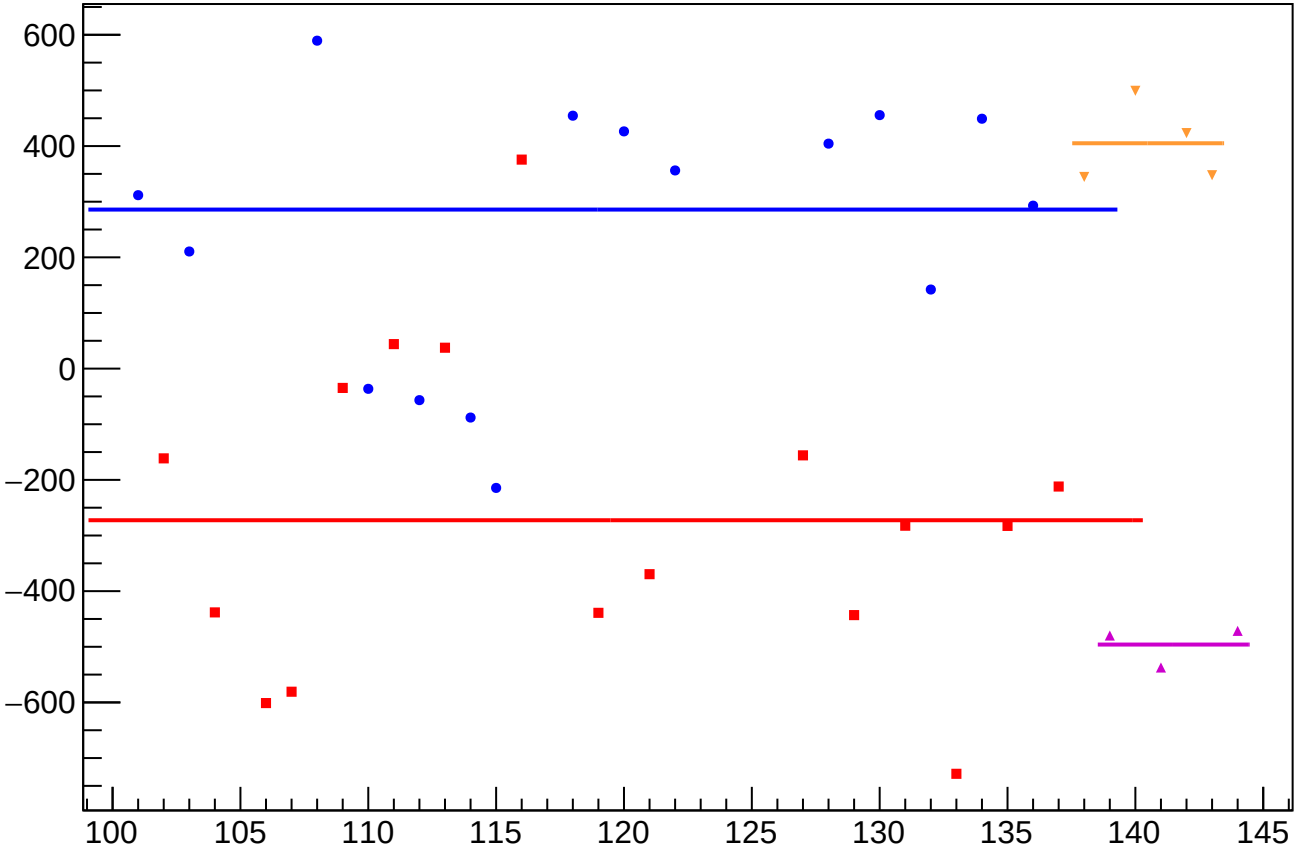
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:842715293551235

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -30.112+/-0.000 χ^2/NDF: 1085156823635751

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Right: 2.840+/-0.000 χ^2/NDF: 17082276741945895

Left Out: 405.052+/-0.000 χ^2/NDF:1251425759392486187515038646029778944.0/3

In: 65.312+/-0.000 χ^2/NDF:13623698091716883 5

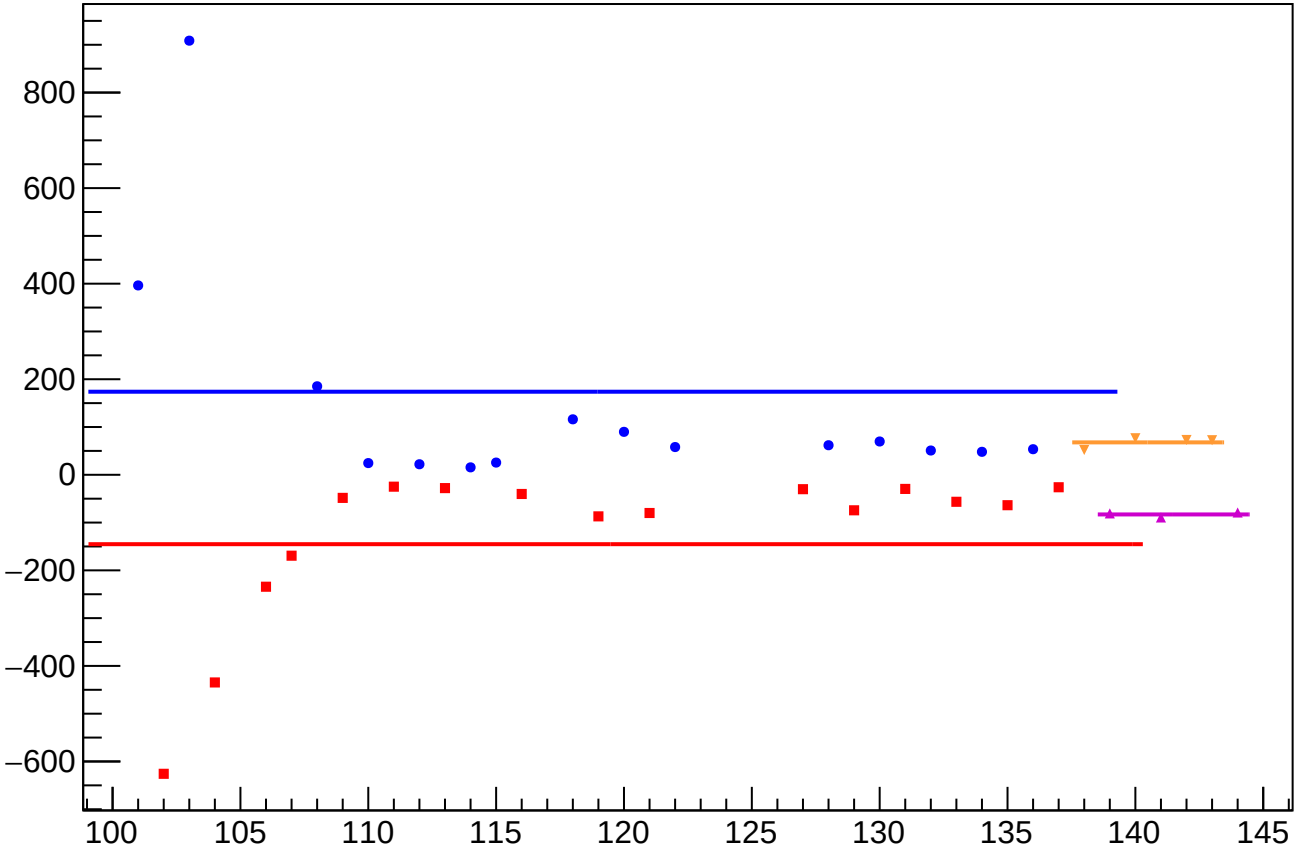
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

Out: -75.749+/-0.000 χ^2/NDF:1343410812185063

Left In: -495.995+/-0.000 χ^2/NDF:2198908976693571078583377484065013 76.0/2

All: -6.595+/-0.000 χ^2/NDF: 2797476216749

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -4.996+/-0.000 χ^2/NDF: 30325893288683291

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 67.840+/-0.000 χ^2/NDF:284806148024276603553632030377902 08.0/3

In: 101.420+/-0.000 χ^2/NDF:5378770182904986 9

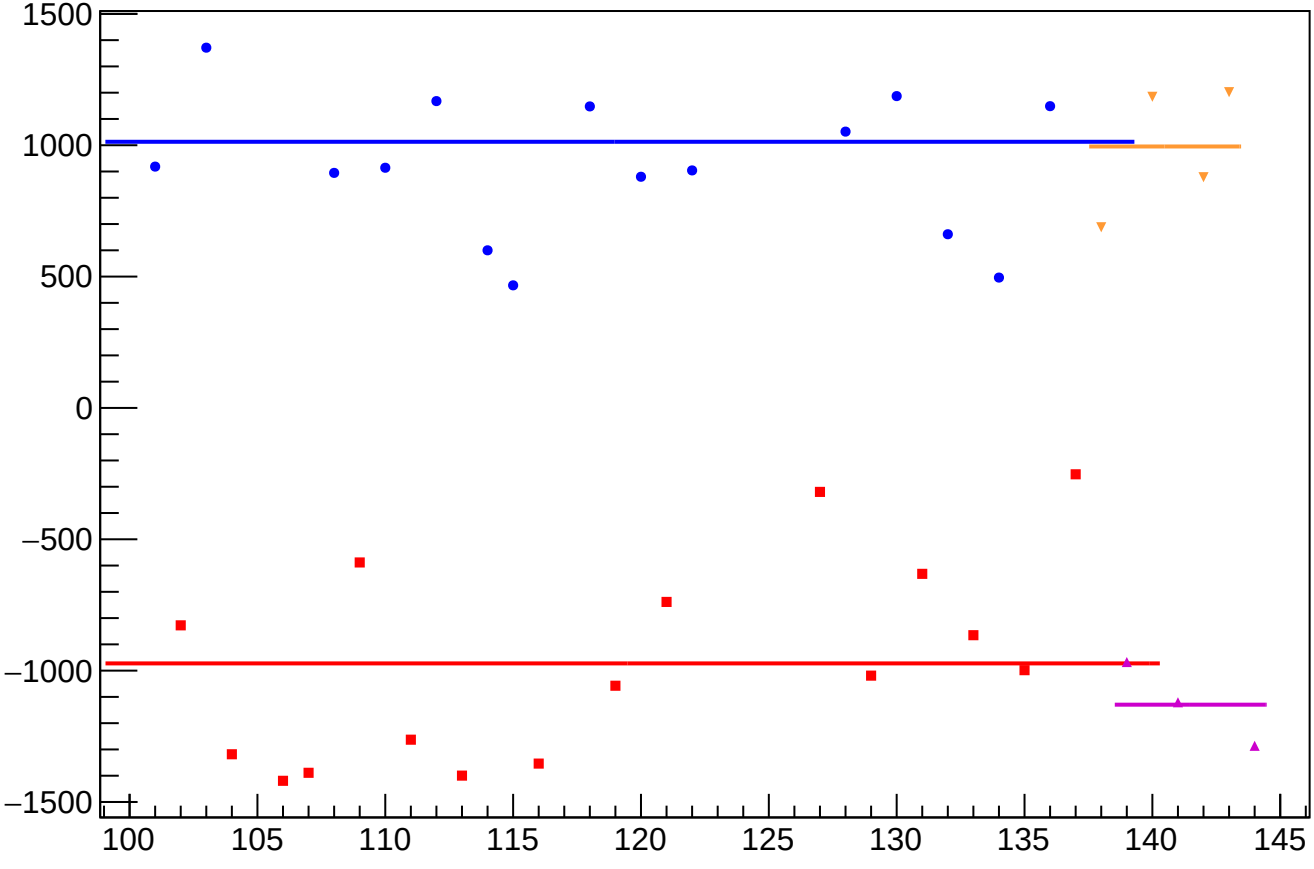
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -83.348+/-0.000 χ^2/NDF:3135234650102816

Left In: -82.974+/-0.000 χ^2/NDF:5273504684481318390981093285167104.0/2

All: 7.233+/-0.000 χ^2/NDF: 1008722001628 9

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

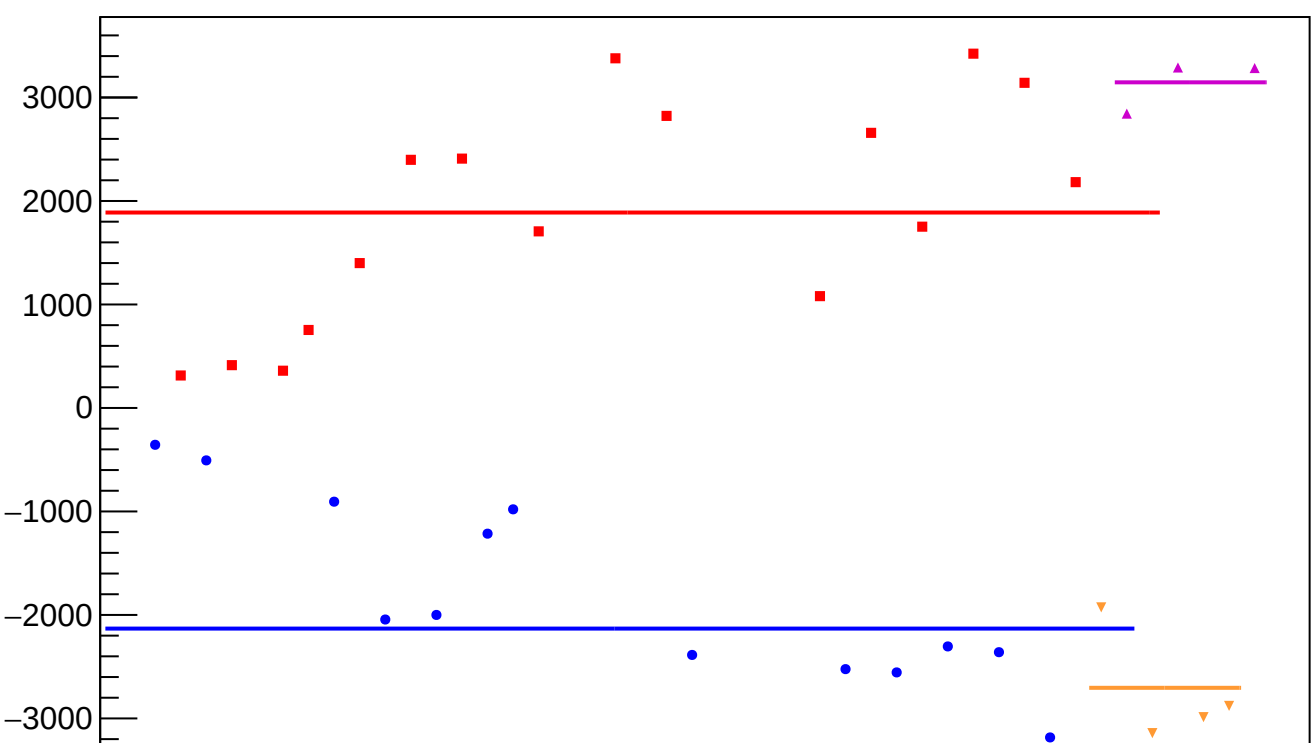
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:8427152935512 35

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 121.417+/-0.000 χ^2/NDF: 4592620124173011

Right In: -2131.905+/-0.000 χ^2/NDF: 722433384570495071131450661983670501376.0/14

Right: -94.234+/-0.000 χ^2/NDF: 683113062504059

Left Out: -2704.200+/-0.000 χ^2/NDF:685868851007018642726437408267986534 40.0/3

In: -642.978+/-0.000 χ^2/NDF:5833869257095498

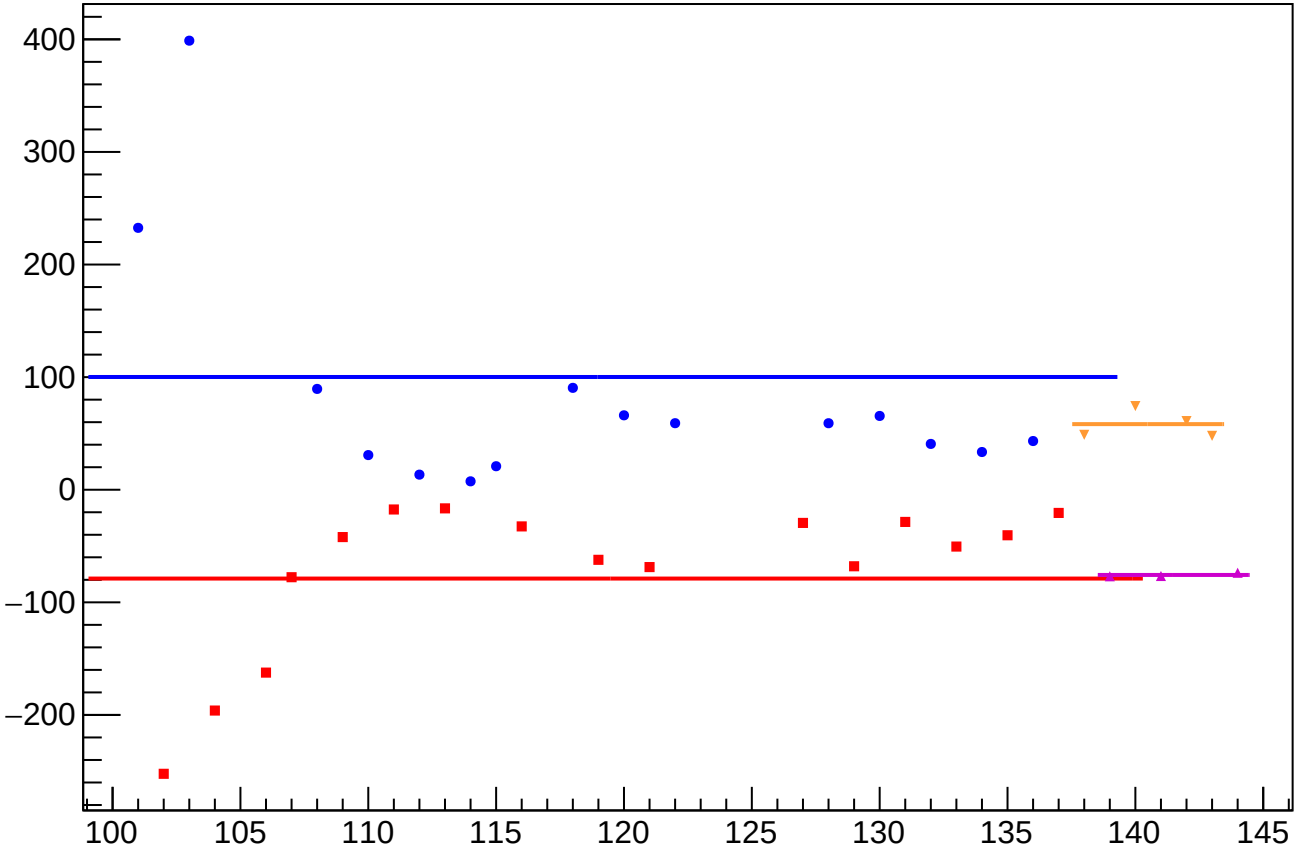
Right Out: 1888.448+/-0.000 χ^2/NDF: 79198666555198069103271986261176981913 6.0/15

Out: 554.626+/-0.000 χ^2/NDF:4946466383543255

Left In: 3146.489+/-0.000 χ^2/NDF:1085062833719795970905274653258180198 4.0/2

All: -32.486+/-0.000 χ^2/NDF: 114412745846

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -6.421+/-0.000 χ^2/NDF: 24019386242301111

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 2188047710040254 1

Left Out: 58.271+/-0.000 χ^2/NDF:3569051795288419260042962455966515 2.0/3

In: 50.541+/-0.000 χ^2/NDF:1347331120648627 66

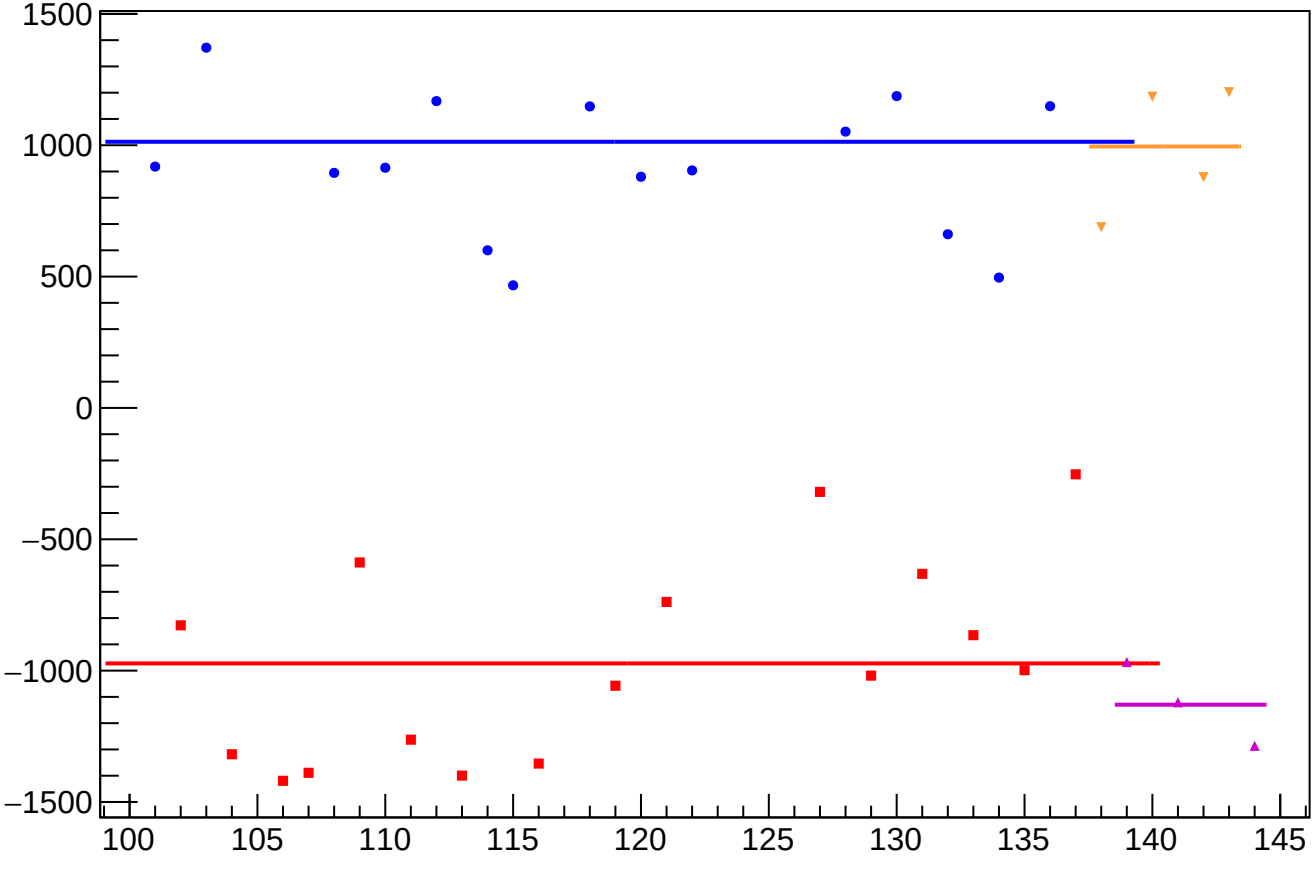
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -39.048+/-0.000 χ^2/NDF:7204726019418604

Left In: -75.680+/-0.000 χ^2/NDF:5287553017755475811600042326753 28.0/2

All: 4.872+/-0.000 χ^2/NDF: 2437676922703 2

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -30.966+/-0.000 χ^2/NDF: 6134016124909744

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: 995.231+/-0.000 χ^2/NDF:1380464675105120987754123421925 1924992.0/3

In: 408.721+/-0.000 χ^2/NDF:8765825263828422 5

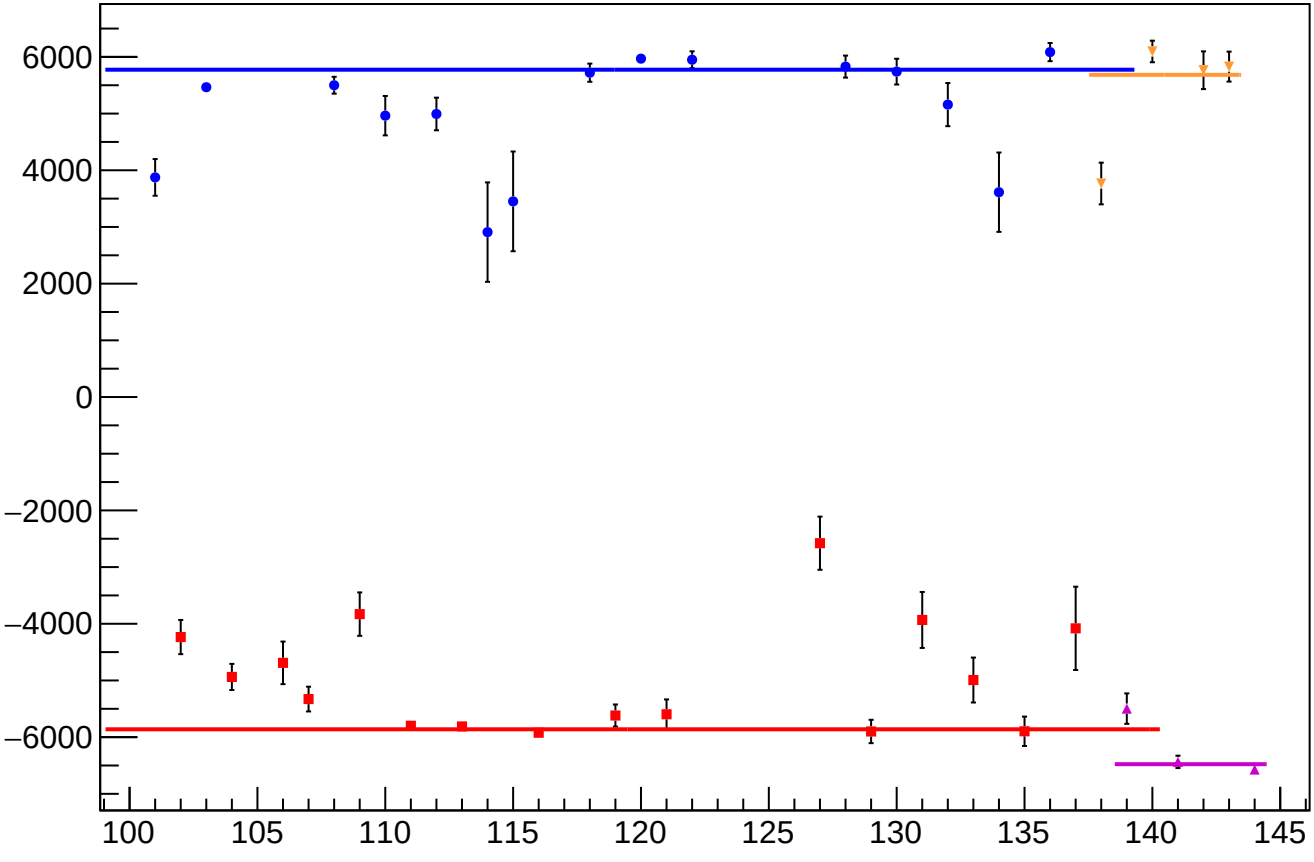
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: -400.996+/-0.000 χ^2/NDF:8427152935512 35

Left In: -1129.600+/-0.000 χ^2/NDF:4322028015098784947615018931883868160.0/2

All: -4.041+/-0.000 χ^2/NDF: 2021433395066

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5683.754+/-130.895 χ^2/NDF:32.3/3

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -6476.899+/-60.055 χ^2/NDF:15.1/2

Left: -4362.233+/-54.584 χ^2/NDF: 7177.5/6

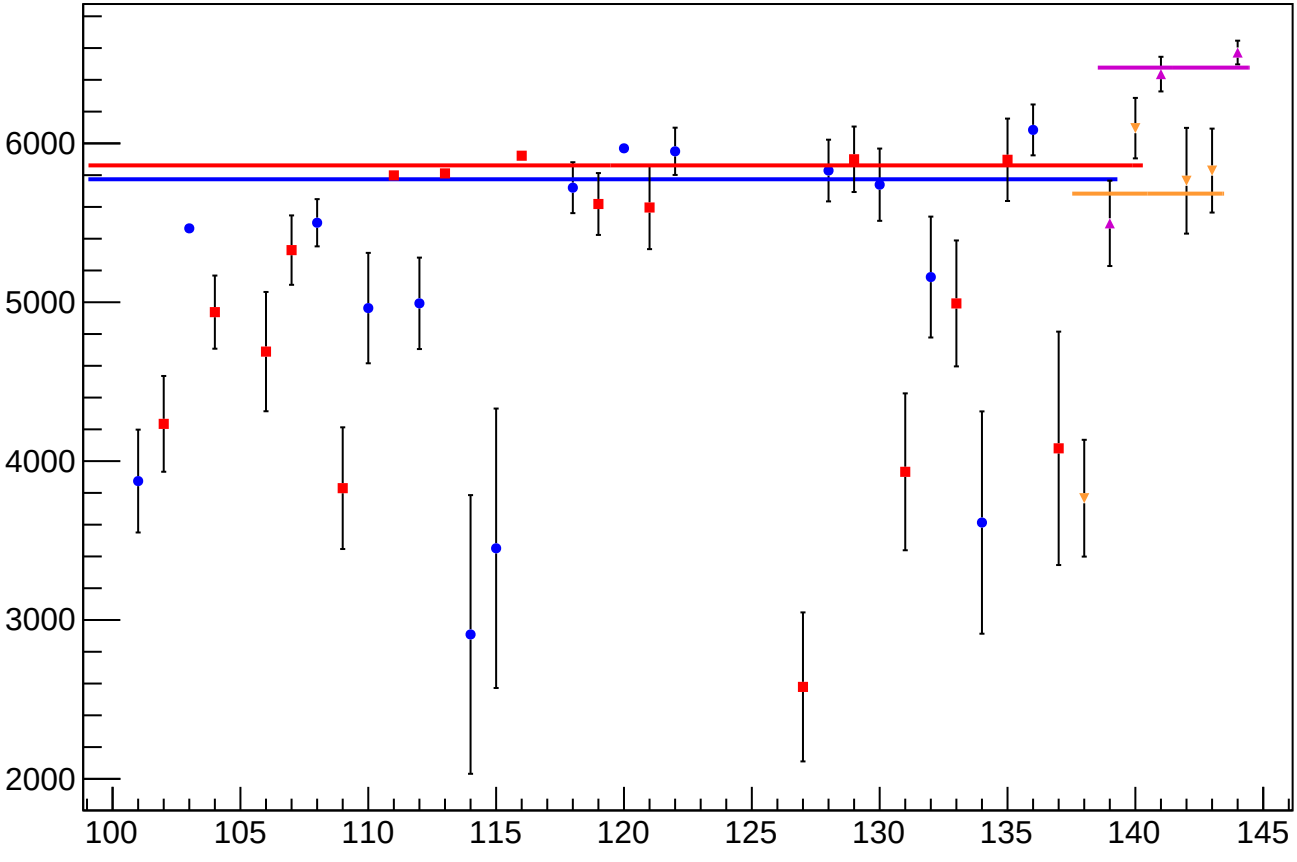
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: 5774.005+/-0.181 χ^2/NDF:1870156.0/17

Out: -5861.448+/-0.140 χ^2/NDF:187832.3/19

All: -1536.203+/-0.111 χ^2/NDF: 2585364088

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5683.754+/-130.895 χ^2/NDF:32.3/3

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6476.899+/-60.055 χ^2/NDF:15.1/2

Left: 6338.976+/-54.584 χ^2/NDF: 77.6/6

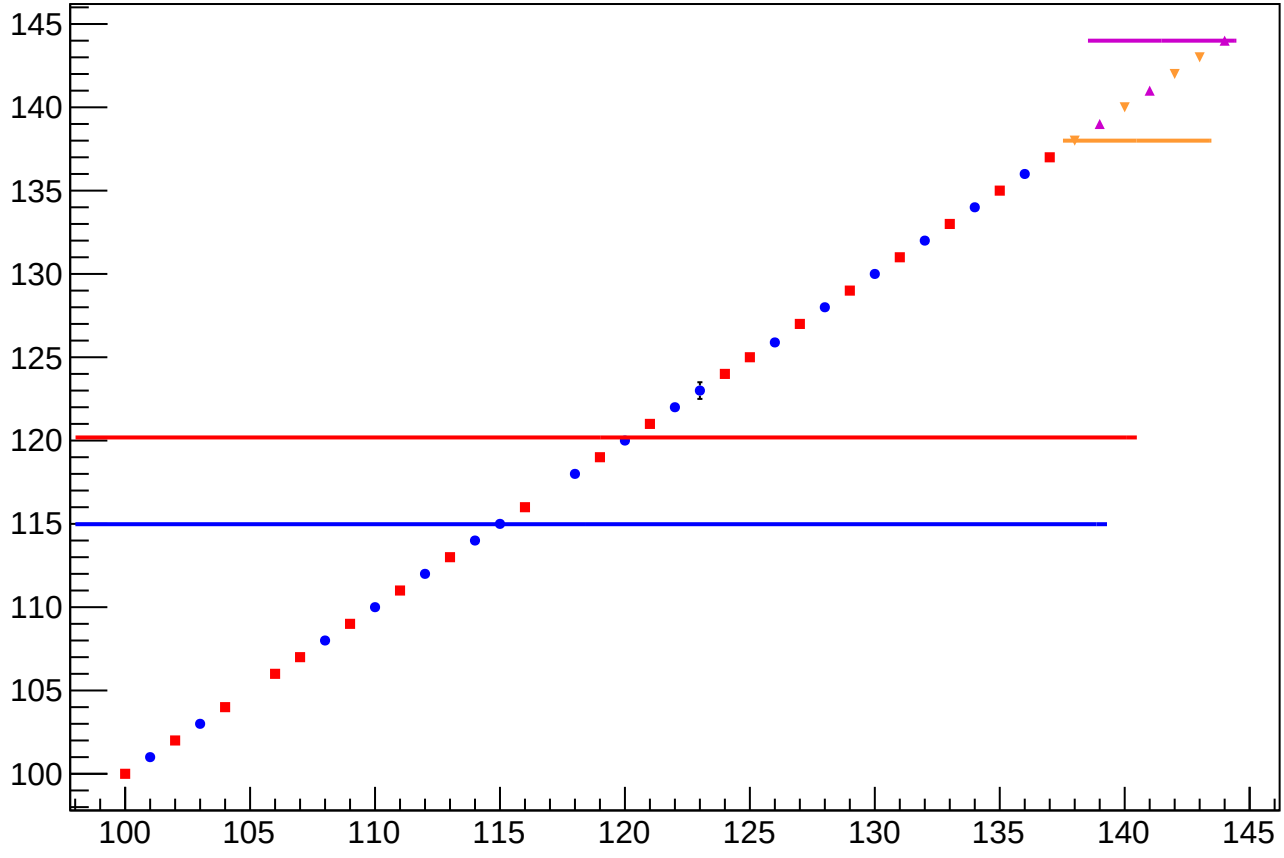
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 5774.123+/-0.181 χ^2/NDF:1828678.5/17

Out: 5861.461+/-0.140 χ^2/NDF:180054.5/19

All: 5828.995+/-0.111 χ^2/NDF: 2154283.3/37

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:2816.0/3

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Left In: 144.000+/-0.000 χ^2/NDF:2790.0/2

Left: 141.200+/-0.000 χ^2/NDF: 1830170554079540

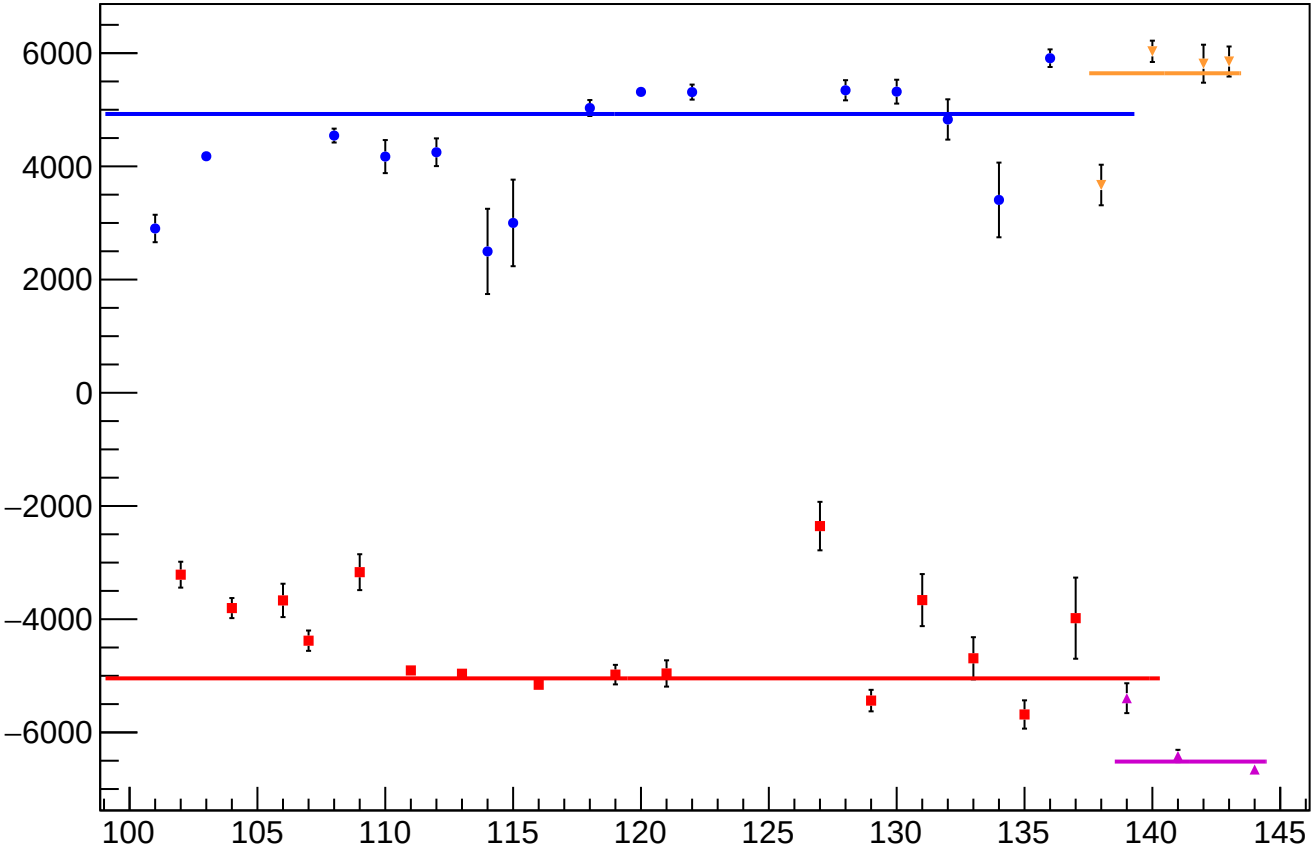
Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

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: 5644.461+/-130.105 χ^2/NDF:35.5/3

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -6515.207+/-60.441 χ^2/NDF:22.3/2

Left: -4356.794+/-54.815 χ^2/NDF: 7242.1/6

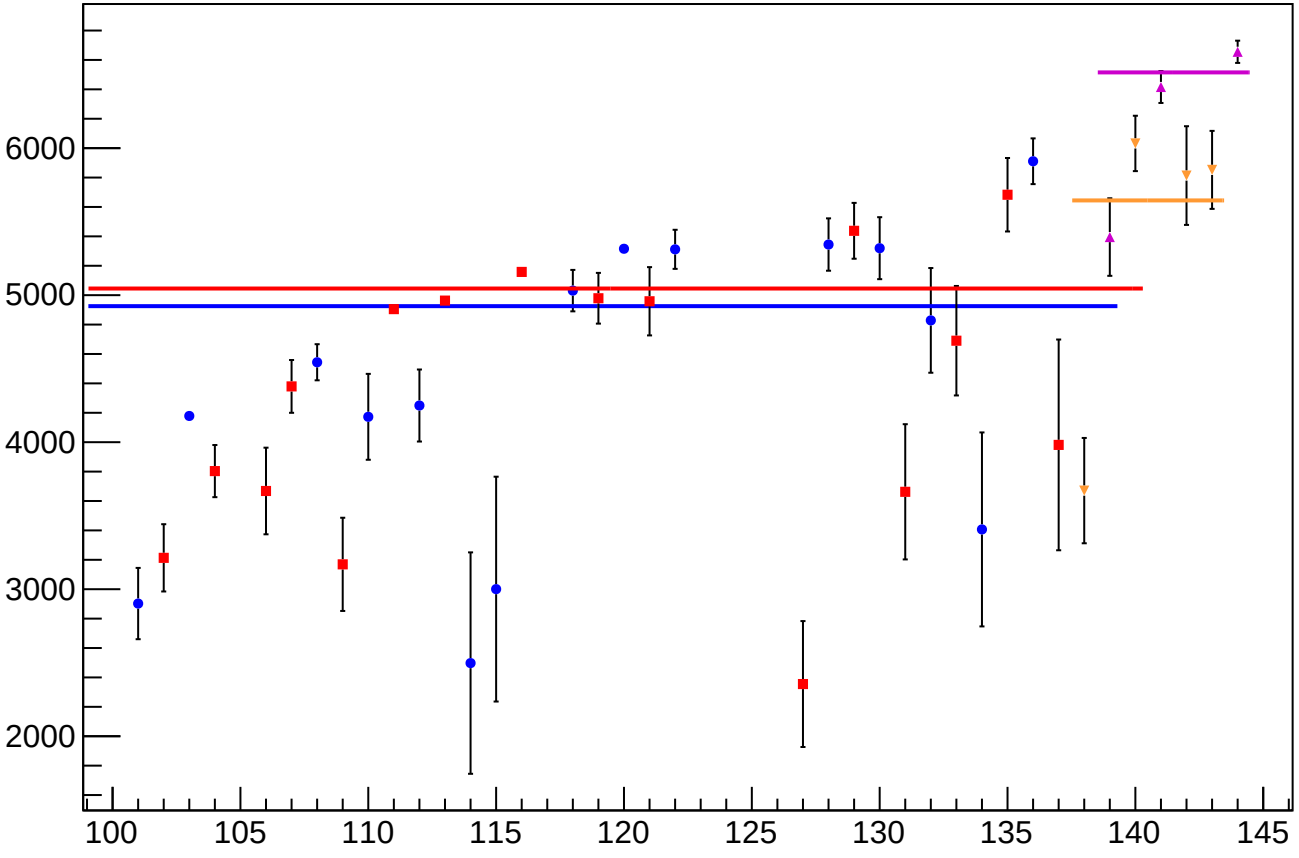
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: 4922.547+/-0.939 χ^2/NDF:366836.3/17

Out: -5044.940+/-0.668 χ^2/NDF:36965.8/19

All: -1694.773+/-0.544 χ^2/NDF: 75275883.3/

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5644.461+/-130.105 χ^2/NDF:35.5/3

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 6515.207+/-60.441 χ^2/NDF:22.3/2

Left: 6360.644+/-54.815 χ^2/NDF: 94.6/6

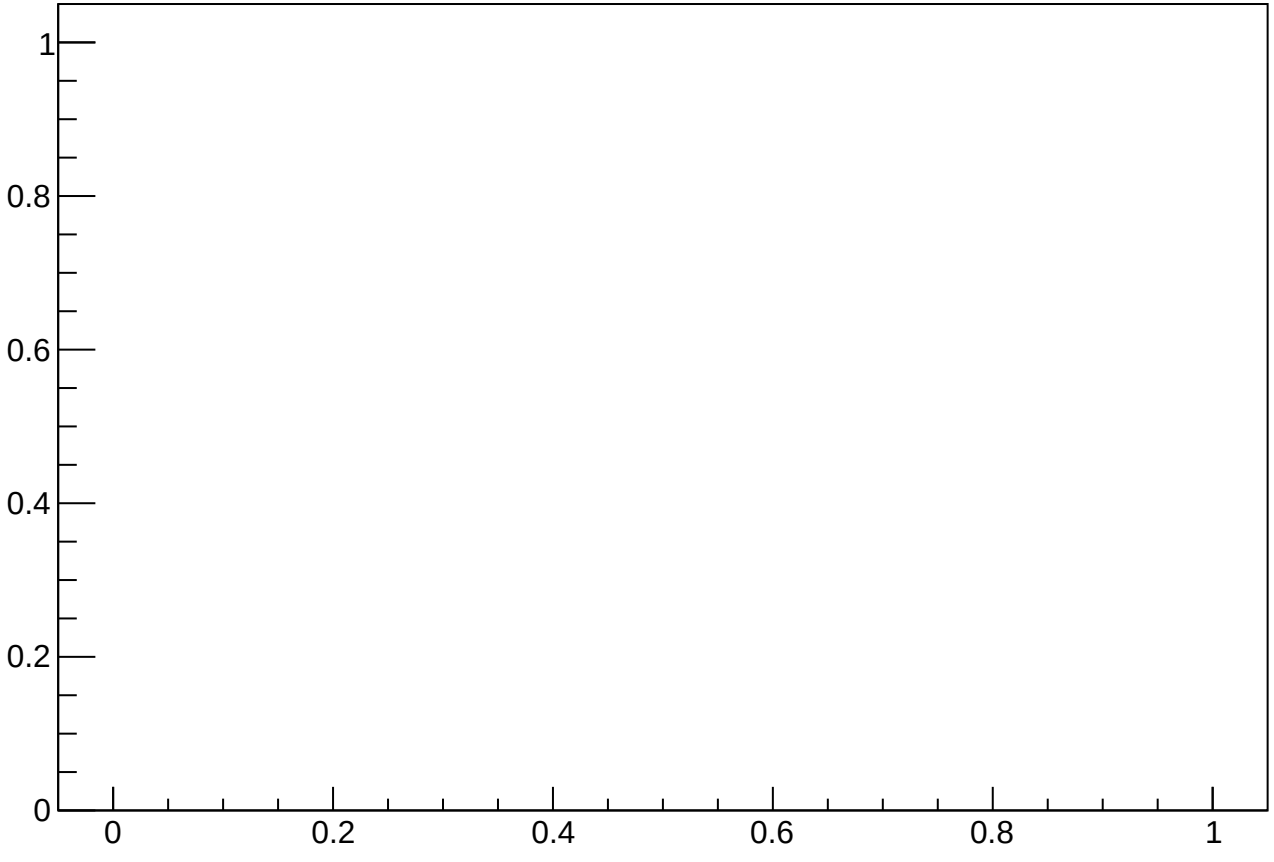
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 4925.689+/-0.939 χ^2/NDF:331708.6/17

Out: 5045.237+/-0.668 χ^2/NDF:30236.6/19

All: 5005.056+/-0.544 χ^2/NDF: 372715.7/37

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

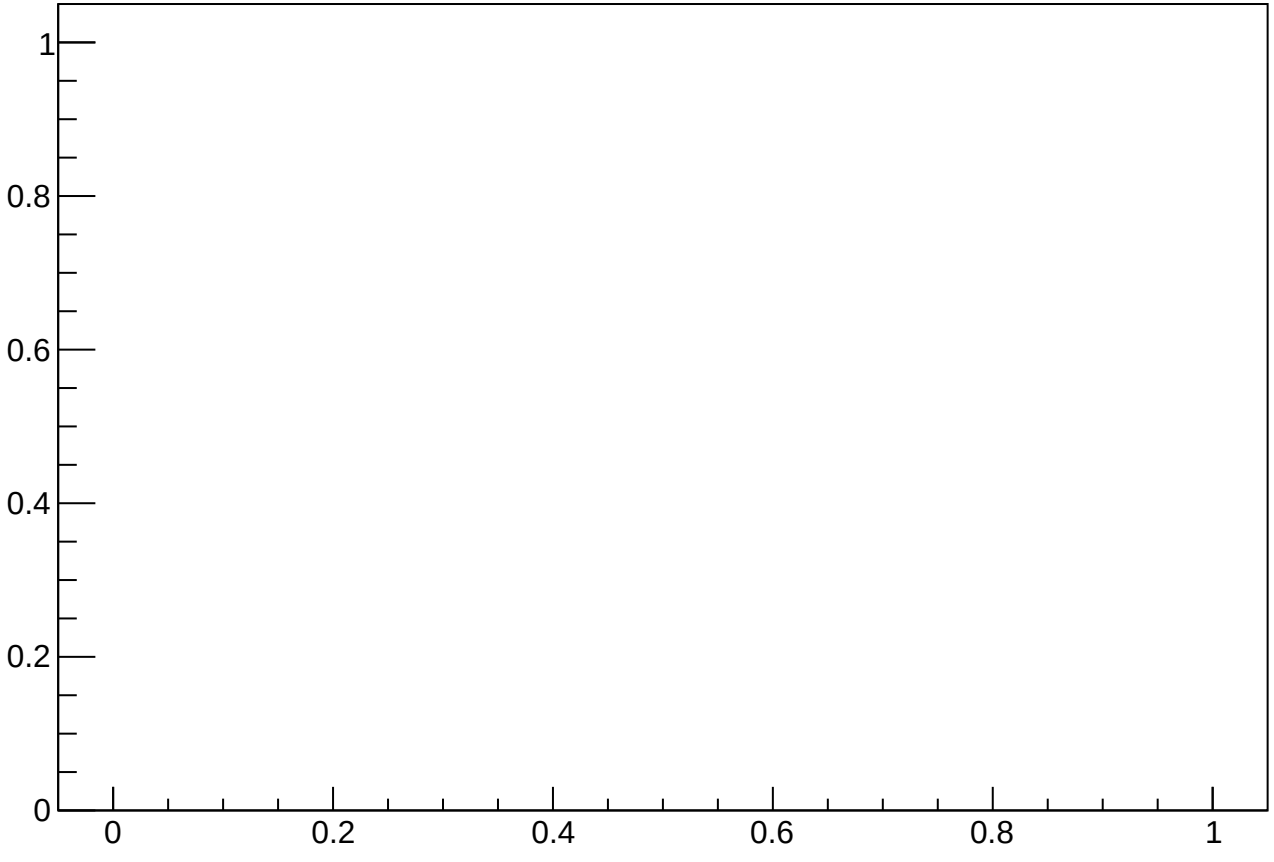
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

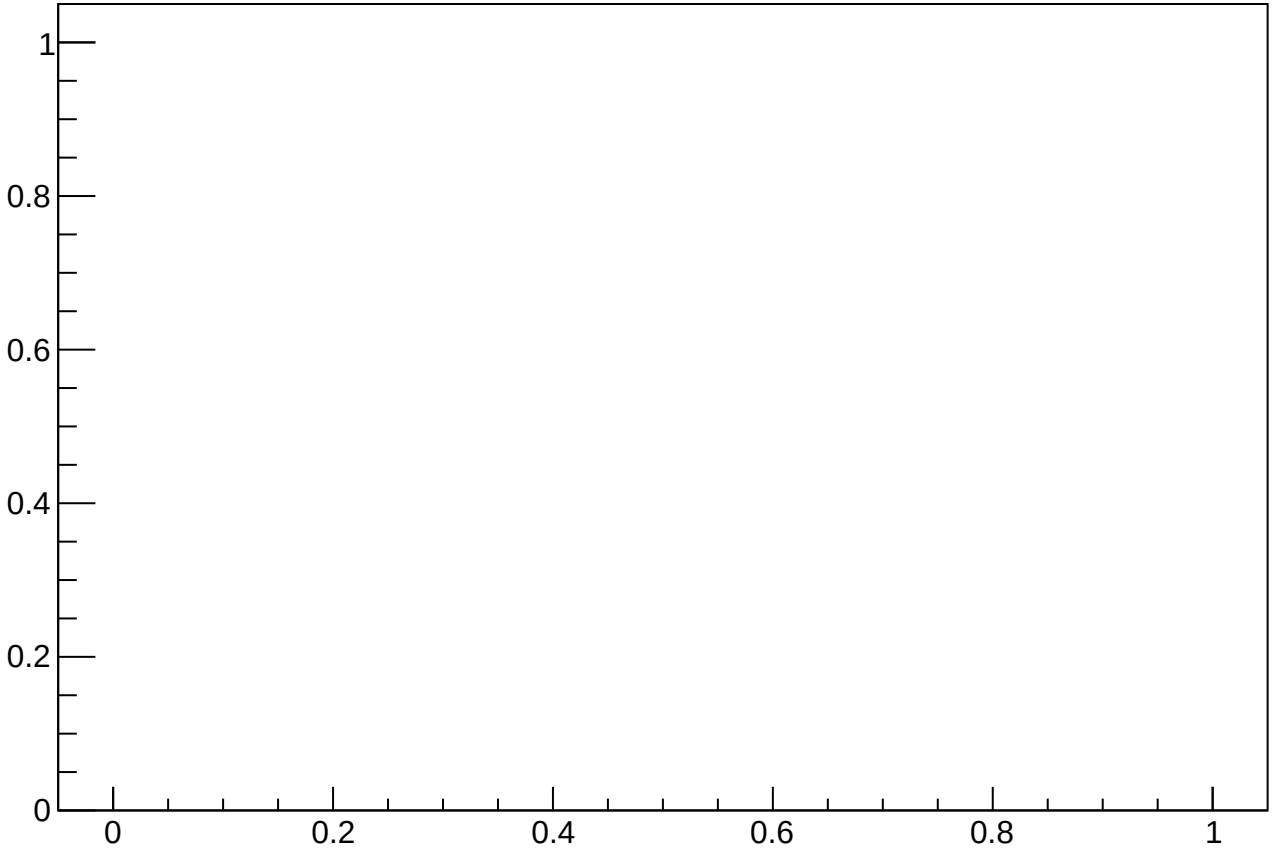
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

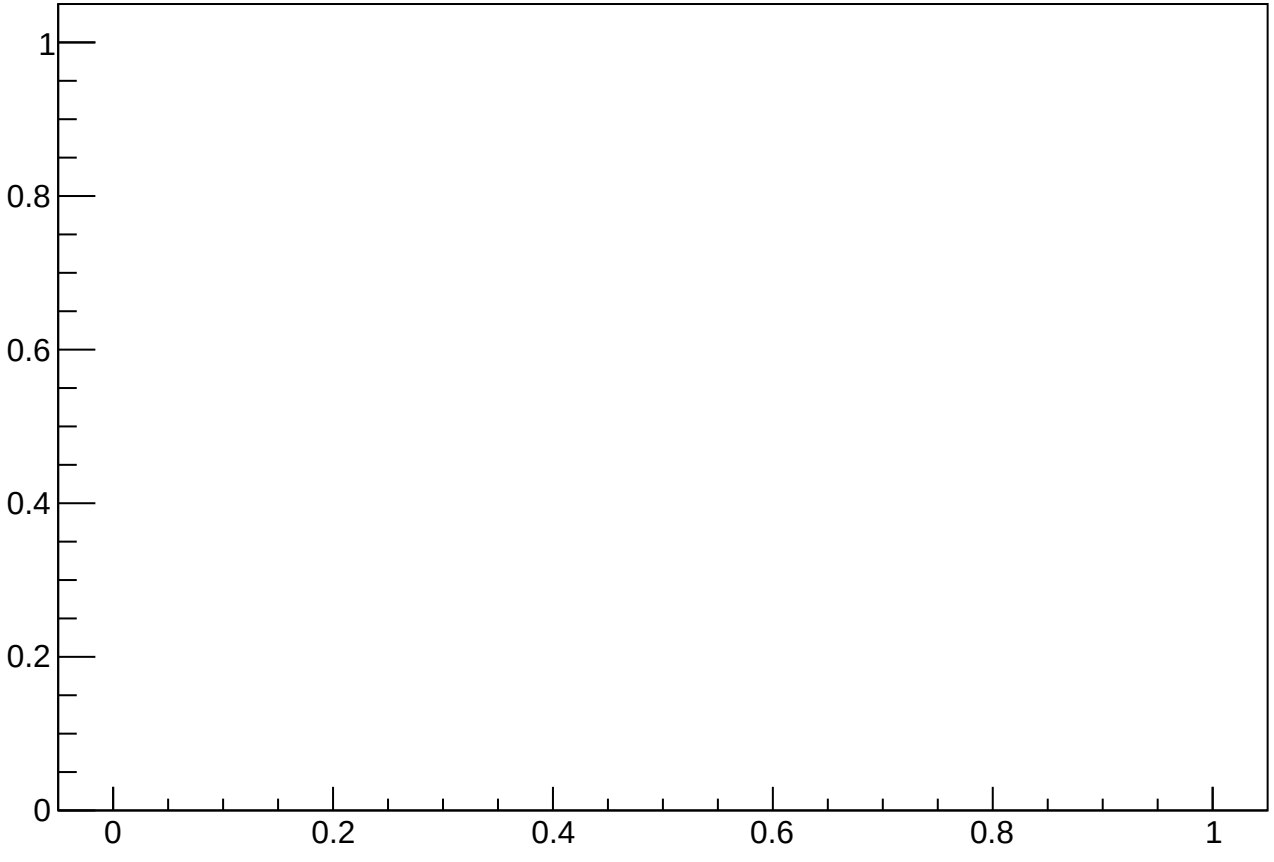
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

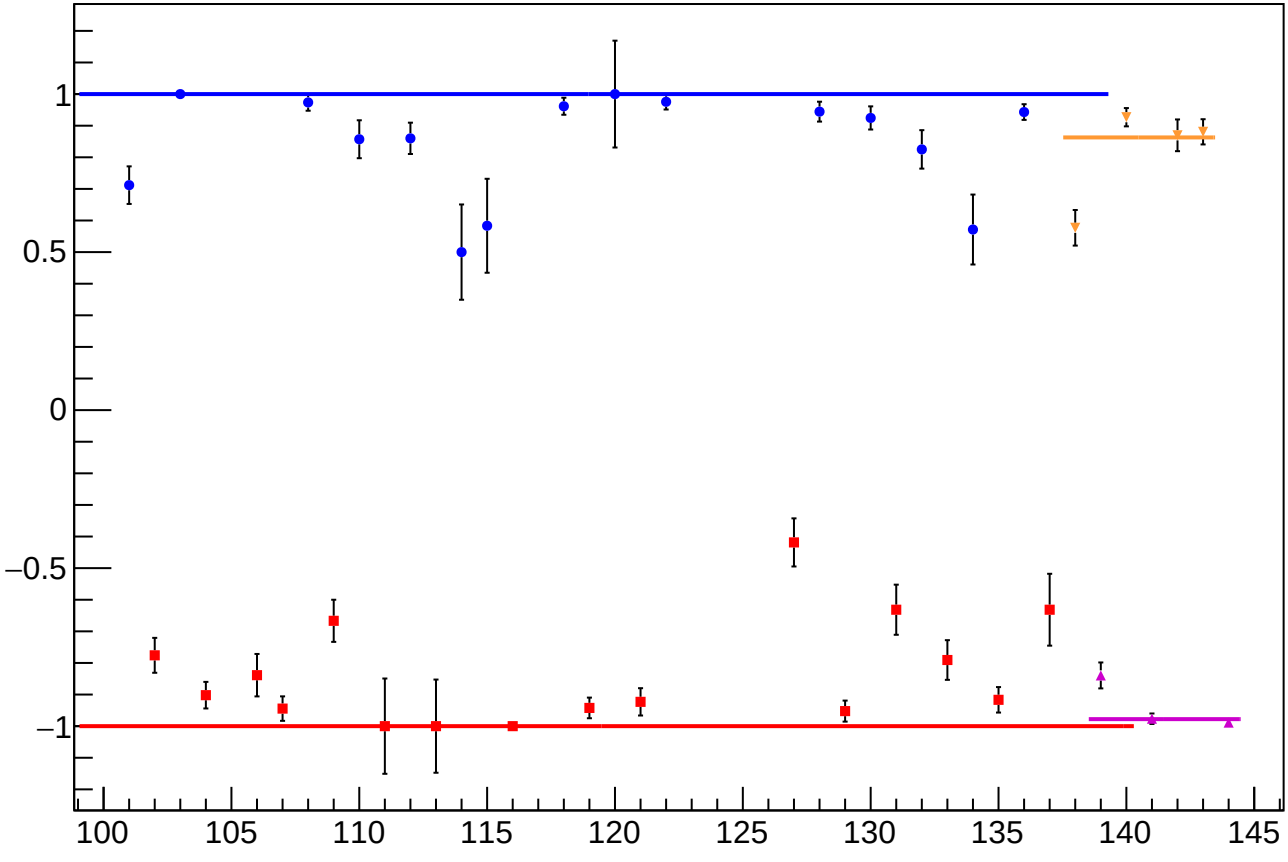
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 0.863+/-0.020 χ^2/NDF:30.9/3

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -0.978+/-0.009 χ^2/NDF:12.3/2

Left: -0.661+/-0.008 χ^2/NDF: 7149.6/6

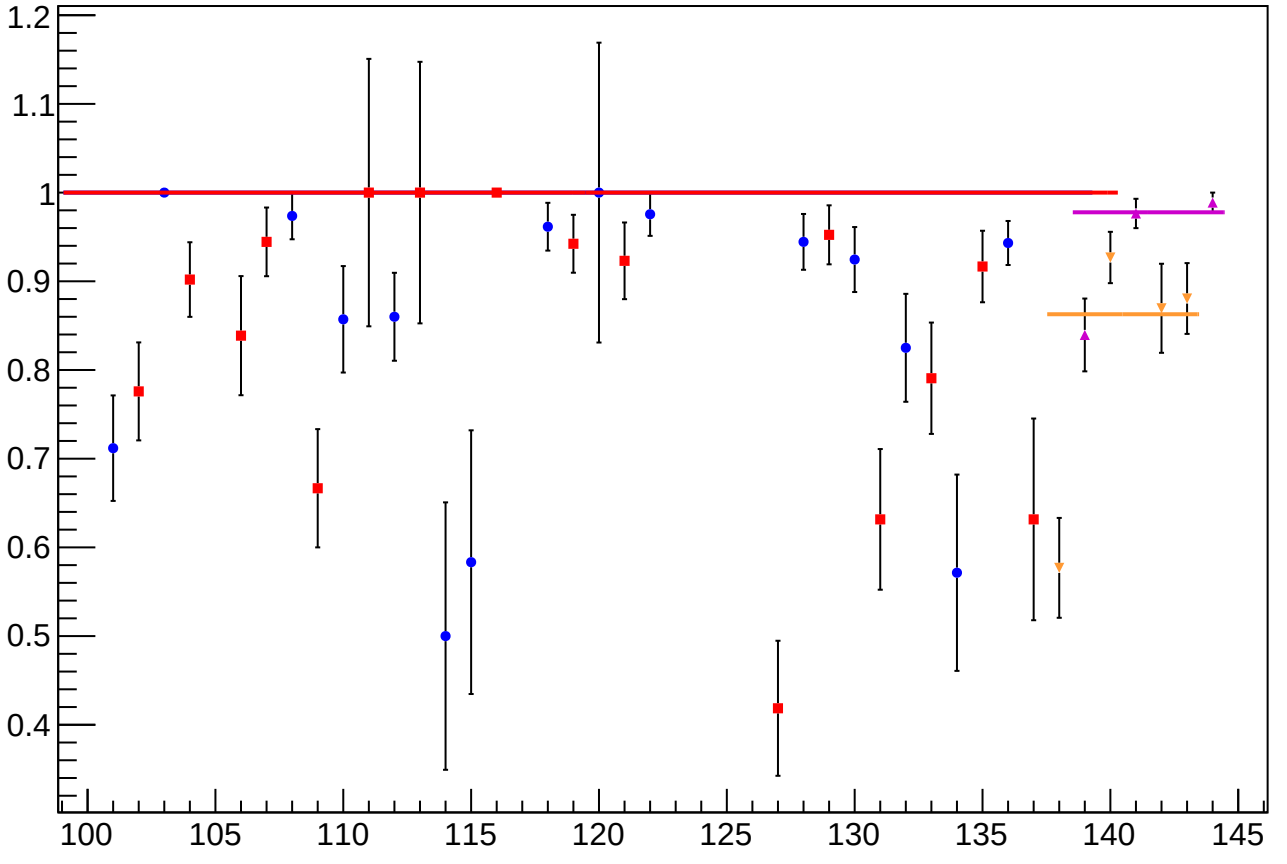
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: 1.000+/-0.000 χ^2/NDF:47716.1/17

Out: -1.000+/-0.000 χ^2/NDF:8994.4/19

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: 0.863+/-0.020 χ^2/NDF:30.9/3

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 0.978+/-0.009 χ^2/NDF:12.3/2

Left: 0.958+/-0.008 χ^2/NDF: 70.9/6

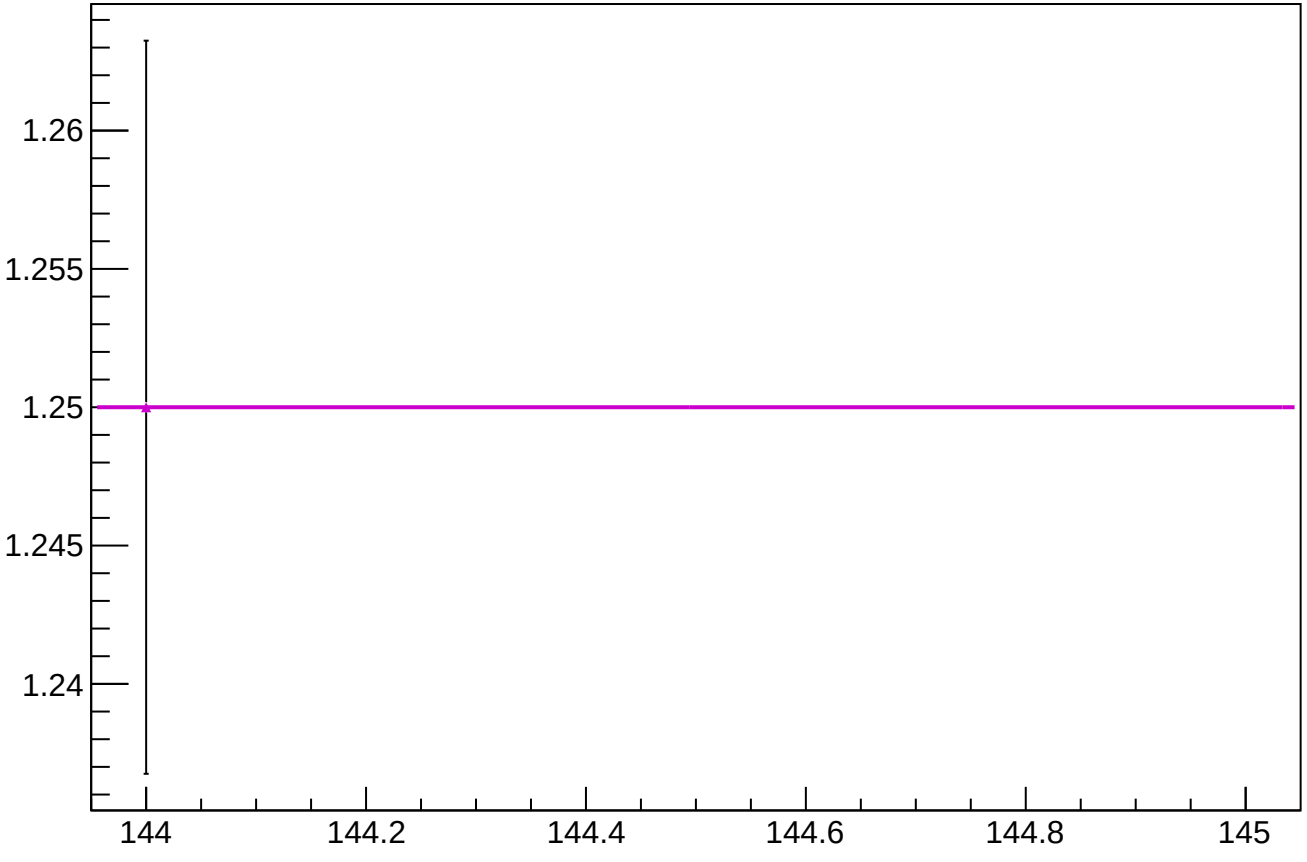
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:114.2/17

Out: 1.000+/-0.000 χ^2/NDF:247.4/19

All: 1.000+/-0.000 χ^2/NDF: 444.6/37

dit_segment_slope 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: 1.250+/-0.013 χ^2/NDF:0.0/0

Left: 1.250+/-0.013 χ^2/NDF: 0.0/0

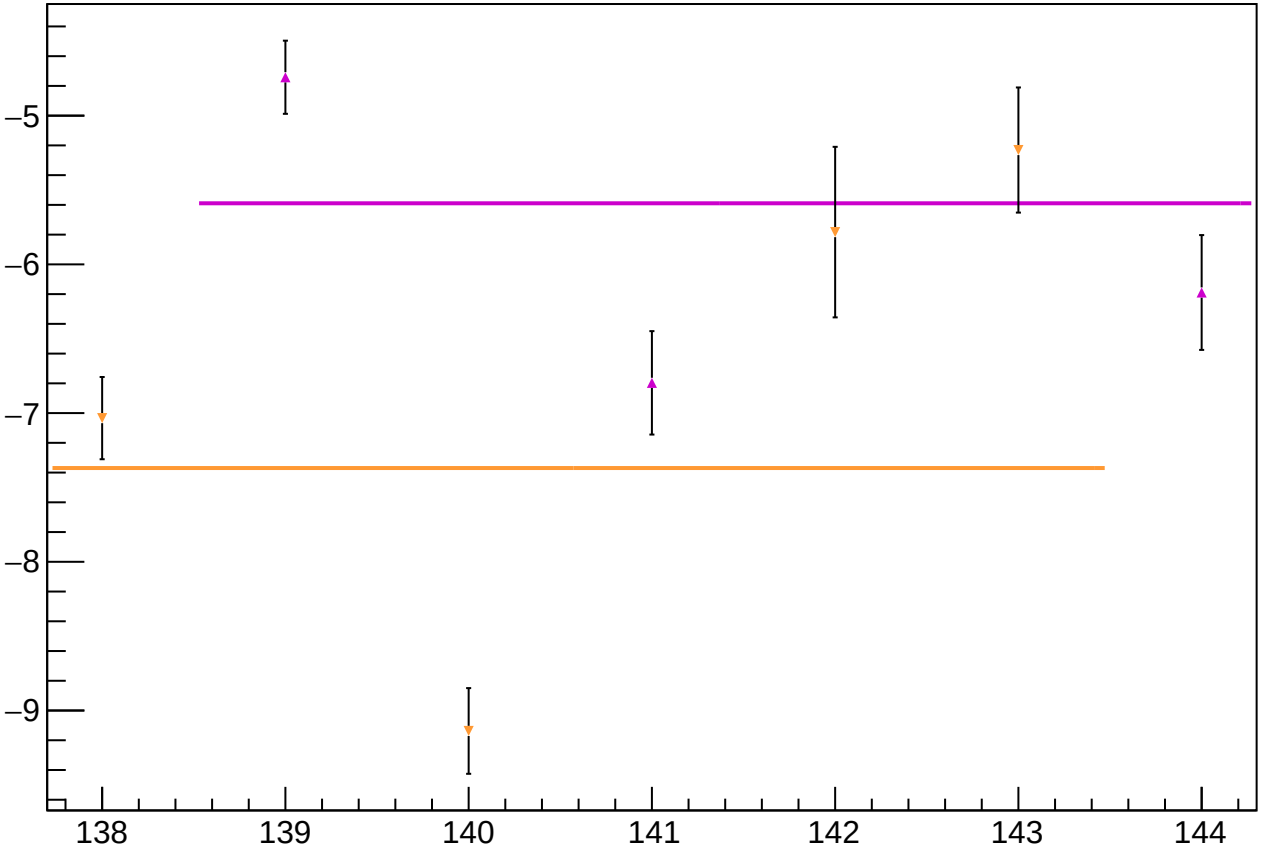
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.250+/-0.013 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.250+/-0.013 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.370+/-0.172 χ^2/NDF:72.6/3

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

Left In: -5.589+/-0.178 χ^2/NDF:26.3/2

Left: -6.511+/-0.124 χ^2/NDF: 150.7/6

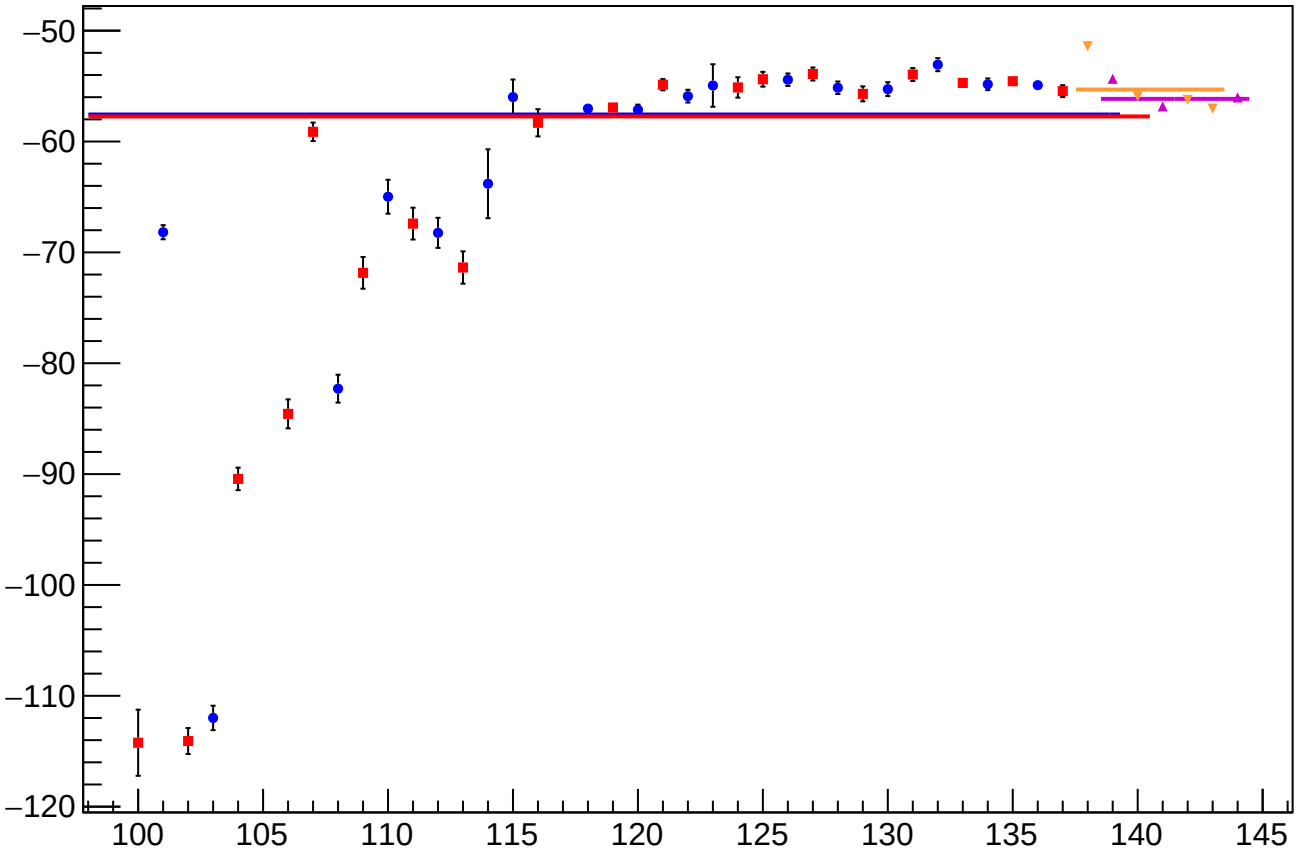
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.589+/-0.178 χ^2/NDF:26.3/2

Out: -7.370+/-0.172 χ^2/NDF:72.6/3

All: -6.511+/-0.124 χ^2/NDF: 150.7/6

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -55.311+/-0.148 χ^2/NDF:194.3/3

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -56.152+/-0.172 χ^2/NDF:24.2/2

Left: -55.668+/-0.112 χ^2/NDF: 232.3/6

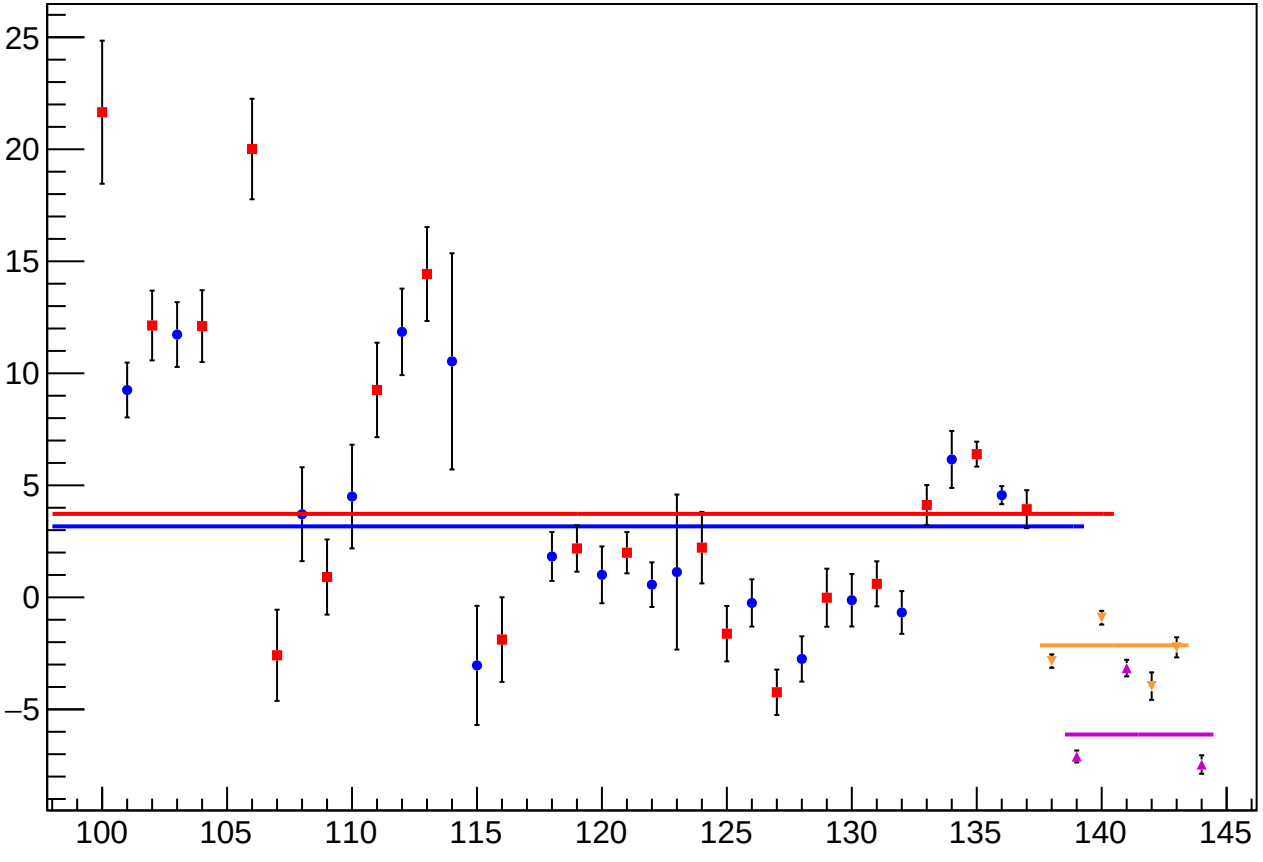
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -56.993+/-0.109 χ^2/NDF:3520.3/19

Out: -56.561+/-0.103 χ^2/NDF:5032.0/22

All: -56.764+/-0.075 χ^2/NDF: 8560.6/42

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -2.142+/-0.185 χ^2/NDF:30.5/3

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -6.122+/-0.191 χ^2/NDF:88.3/2

Left: -4.060+/-0.133 χ^2/NDF: 342.7/6

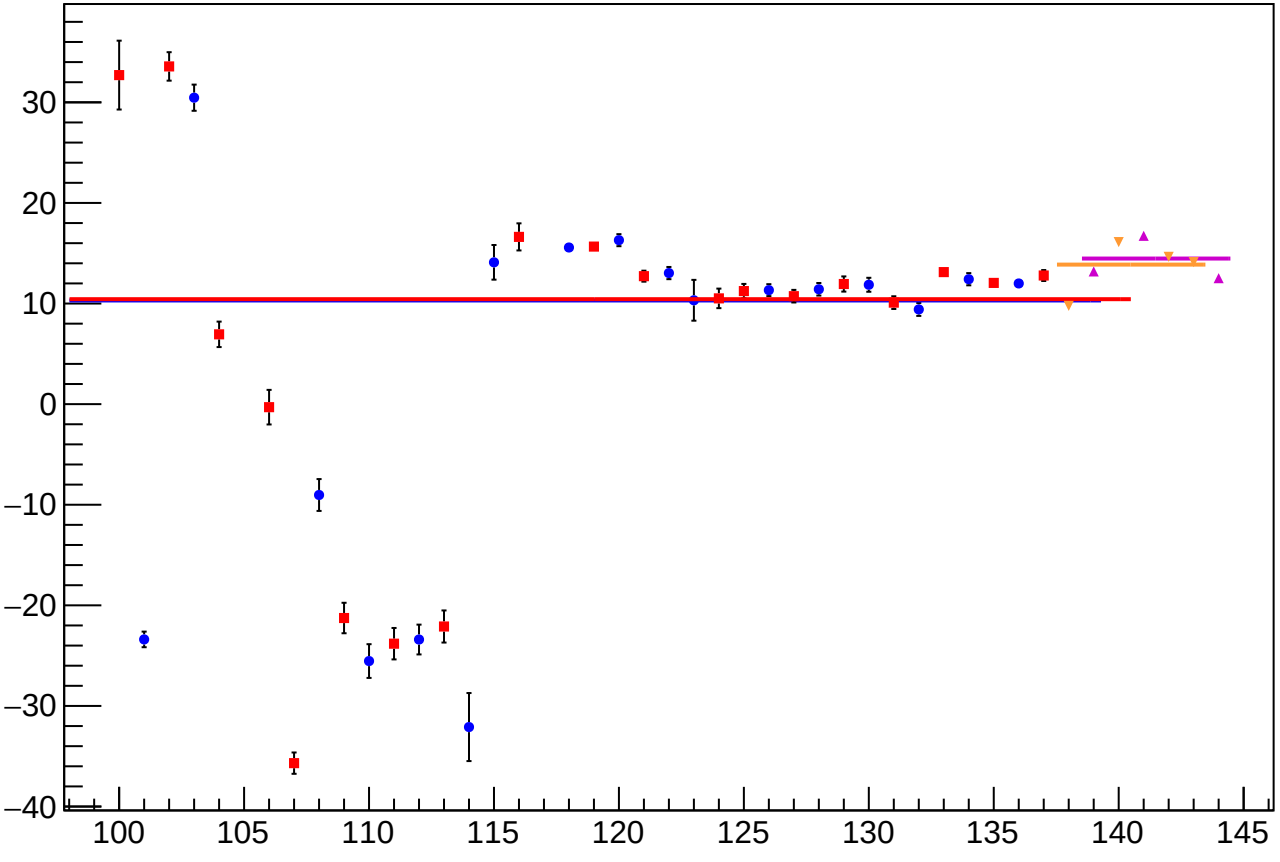
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -2.819+/-0.154 χ^2/NDF:1111.8/19

Out: -0.244+/-0.152 χ^2/NDF:680.3/22

All: -1.516+/-0.108 χ^2/NDF: 1934.1/42

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.870+/-0.173 χ^2/NDF:198.2/3

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 14.472+/-0.197 χ^2/NDF:101.0/2

Left: 14.133+/-0.130 χ^2/NDF: 304.5/6

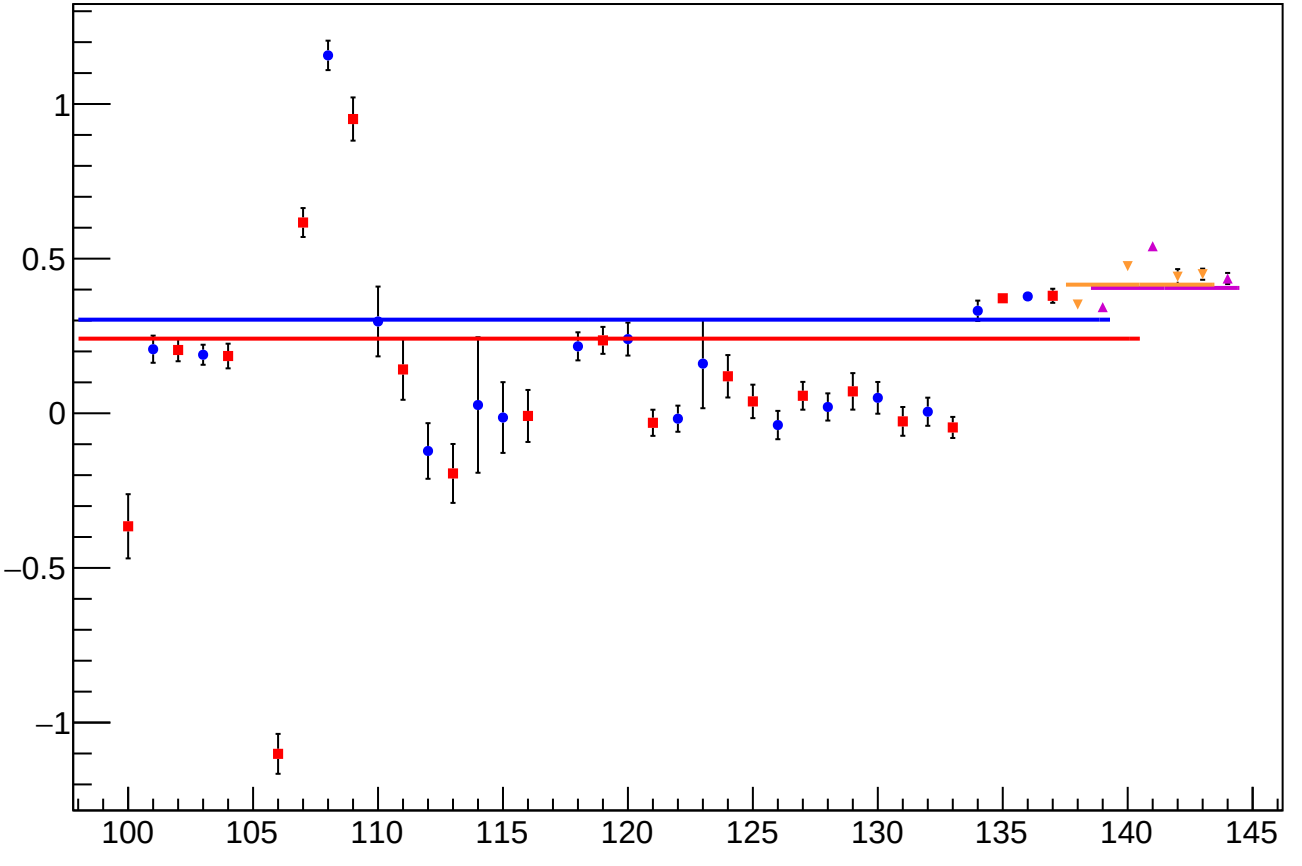
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 11.924+/-0.123 χ^2/NDF:4087.5/19

Out: 12.012+/-0.118 χ^2/NDF:4239.1/22

All: 11.970+/-0.085 χ^2/NDF: 8326.8/42

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.416+/-0.007 χ^2/NDF:55.9/3

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.405+/-0.007 χ^2/NDF:128.7/2

Left: 0.410+/-0.005 χ^2/NDF: 185.7/6

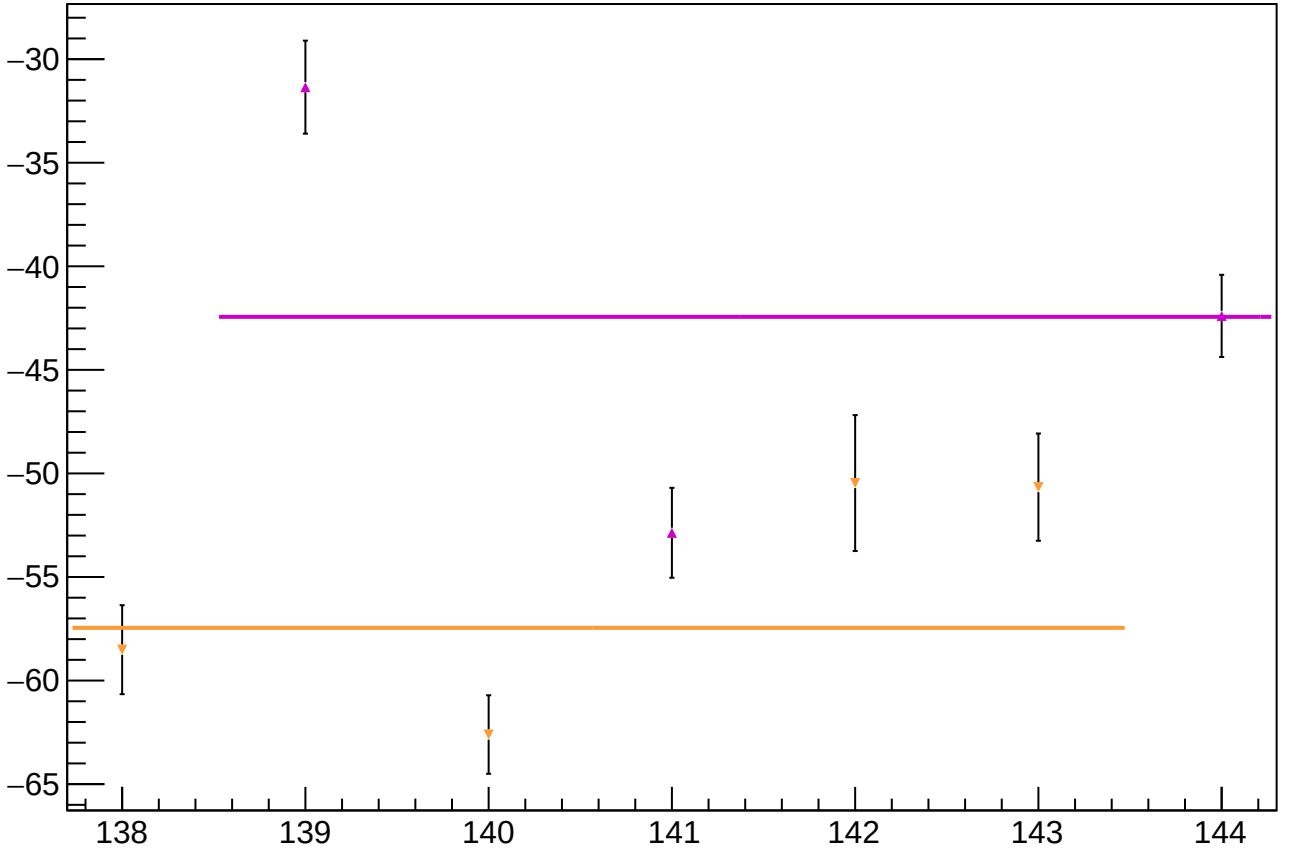
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.360+/-0.005 χ^2/NDF:863.1/19

Out: 0.340+/-0.006 χ^2/NDF:1281.2/22

All: 0.350+/-0.004 χ^2/NDF: 2151.1/42

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -57.454+/-1.165 χ^2/NDF:19.1/3

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

Left In: -42.441+/-1.226 χ^2/NDF:47.5/2

Left: -50.334+/-0.845 χ^2/NDF: 145.3/6

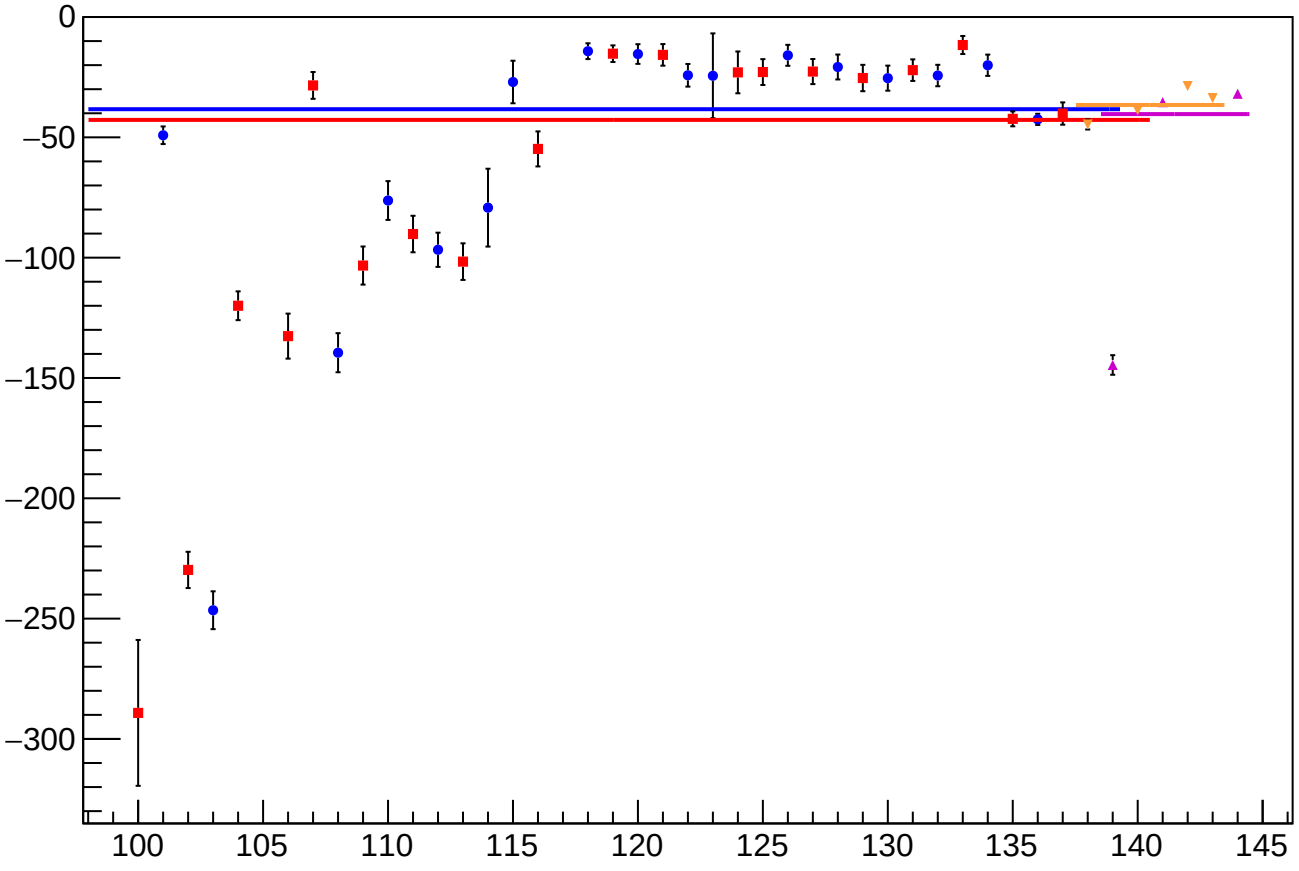
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -42.441+/-1.226 χ^2/NDF:47.5/2

Out: -57.454+/-1.165 χ^2/NDF:19.1/3

All: -50.334+/-0.845 χ^2/NDF: 145.3/6

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -36.552+/-0.915 χ^2/NDF:33.7/3

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -40.343+/-1.011 χ^2/NDF:701.6/2

Left: -38.259+/-0.679 χ^2/NDF: 743.1/6

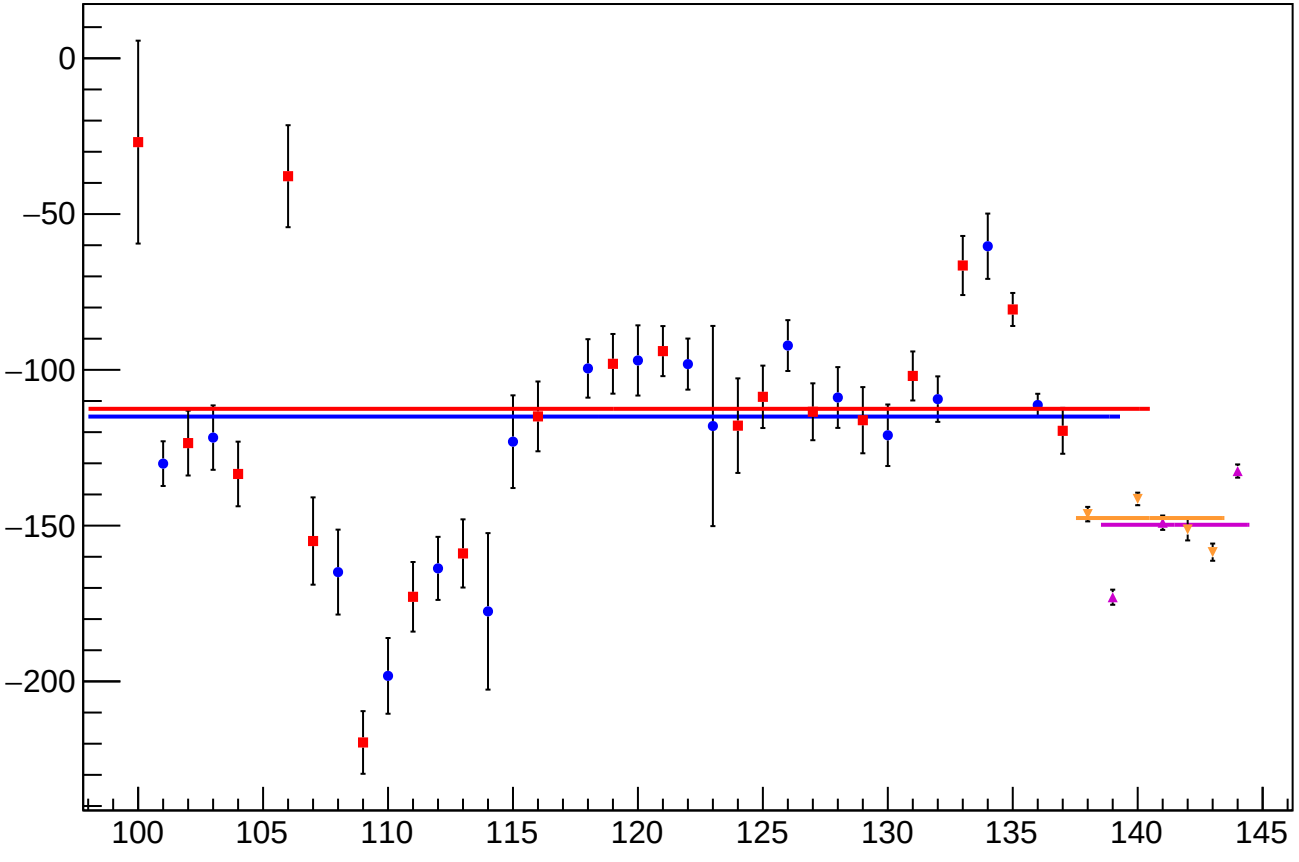
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -39.445+/-0.756 χ^2/NDF:1836.1/19

Out: -38.809+/-0.730 χ^2/NDF:1392.0/22

All: -39.116+/-0.525 χ^2/NDF: 3228.5/42

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -147.563+/-1.248 χ^2/NDF:26.3/3

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -149.730+/-1.314 χ^2/NDF:157.6/2

Left: -148.590+/-0.905 χ^2/NDF: 185.4/6

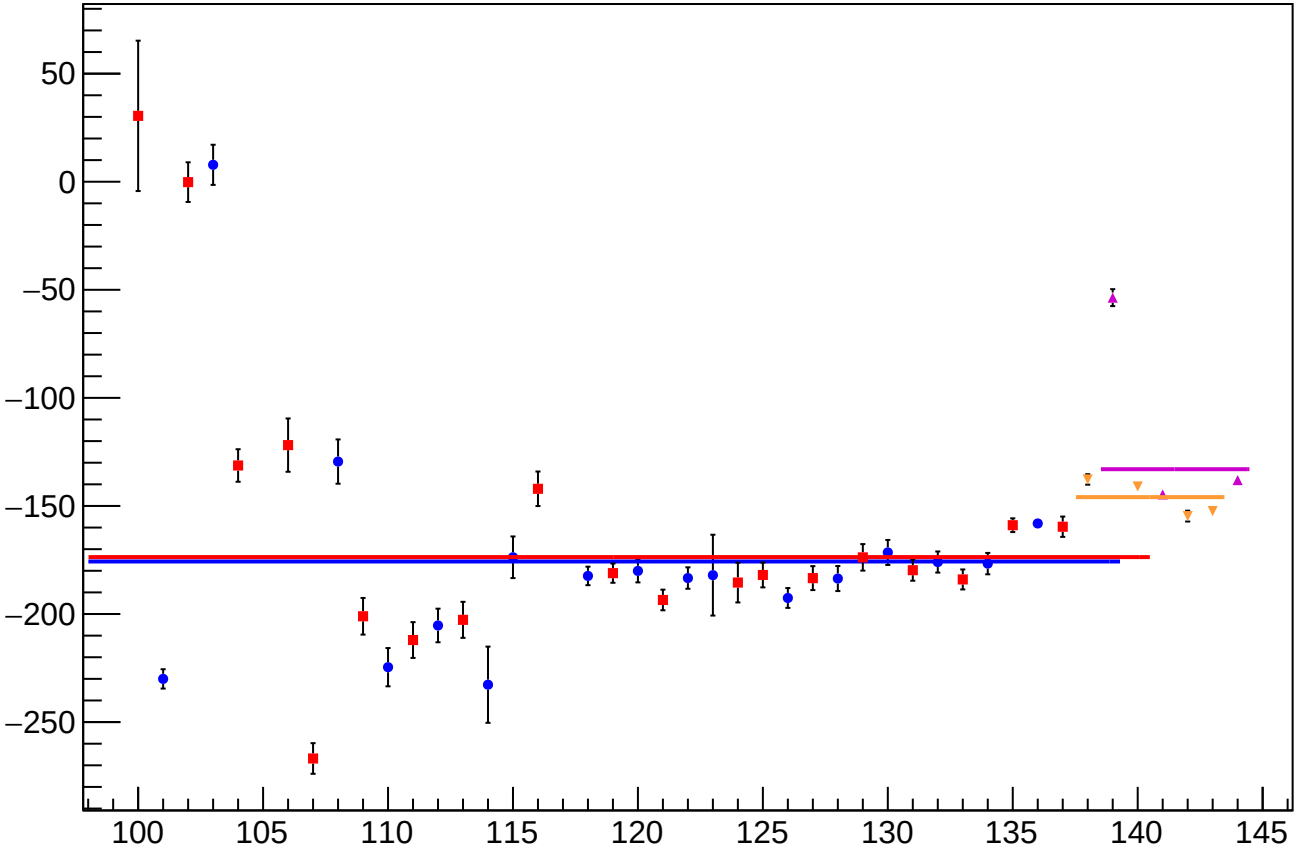
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -139.765+/-1.110 χ^2/NDF:499.8/19

Out: -139.067+/-1.086 χ^2/NDF:490.6/22

All: -139.408+/-0.776 χ^2/NDF: 990.6/42

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -145.922+/-1.095 χ^2/NDF:39.7/3

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -132.999+/-1.188 χ^2/NDF:458.1/2

Left: -139.985+/-0.805 χ^2/NDF: 561.7/6

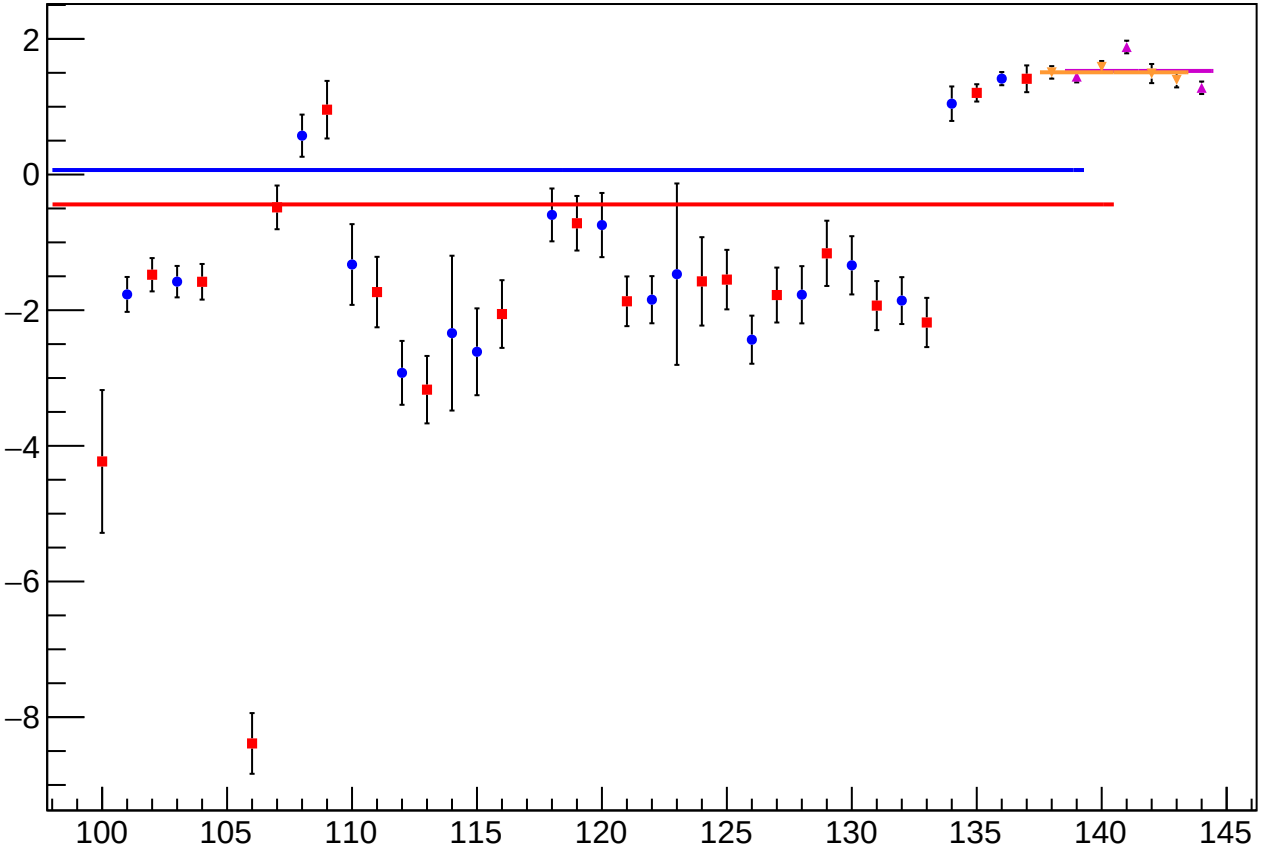
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -152.972+/-0.867 χ^2/NDF:1754.9/19

Out: -156.880+/-0.852 χ^2/NDF:1030.7/22

All: -154.960+/-0.608 χ^2/NDF: 2795.9/42

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.508+/-0.051 χ^2/NDF:1.8/3

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.528+/-0.052 χ^2/NDF:22.5/2

Left: 1.518+/-0.037 χ^2/NDF: 24.4/6

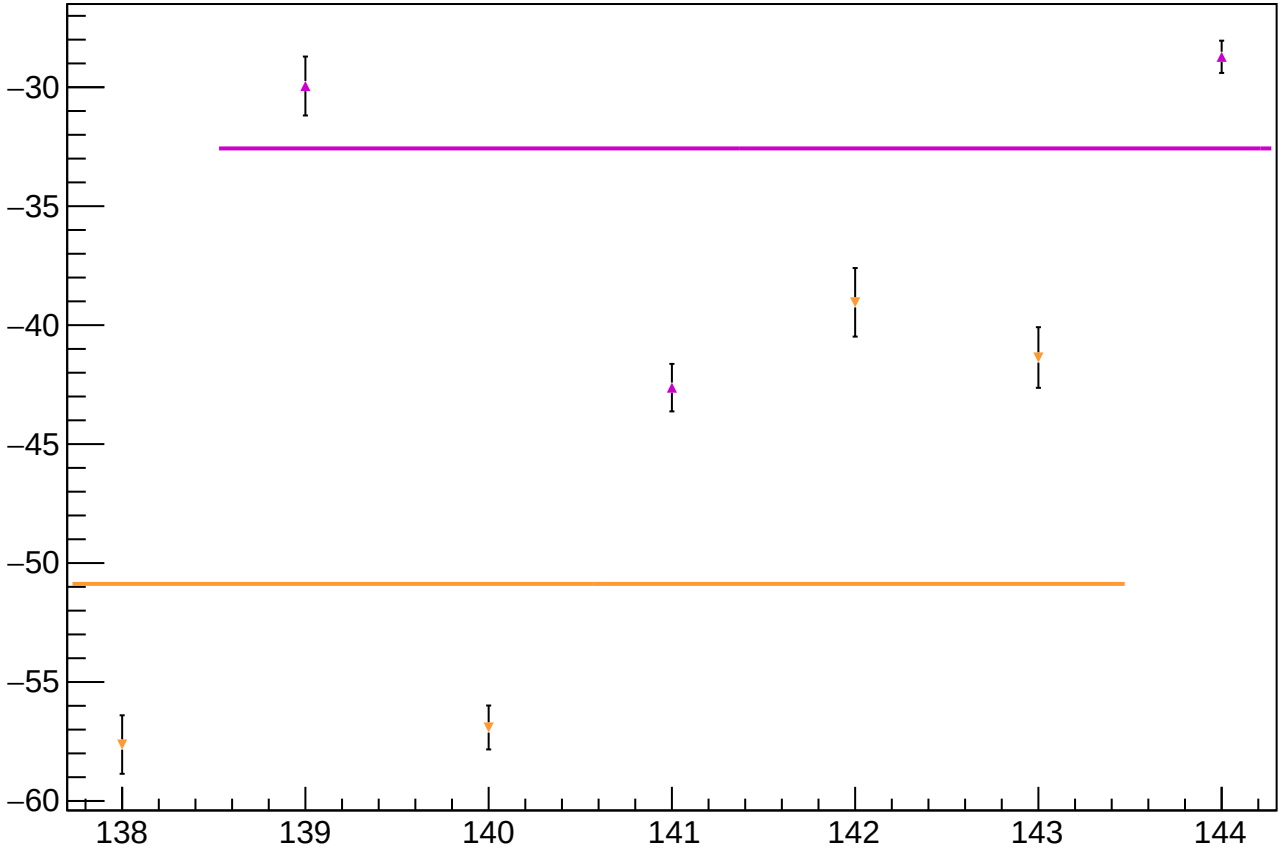
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 0.977+/-0.041 χ^2/NDF:845.1/19

Out: 0.839+/-0.042 χ^2/NDF:1249.5/22

All: 0.909+/-0.029 χ^2/NDF: 2100.1/42

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -50.876+/-0.584 χ^2/NDF:196.1/3

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

Left In: -32.573+/-0.511 χ^2/NDF:138.2/2

Left: -40.510+/-0.385 χ^2/NDF: 890.8/6

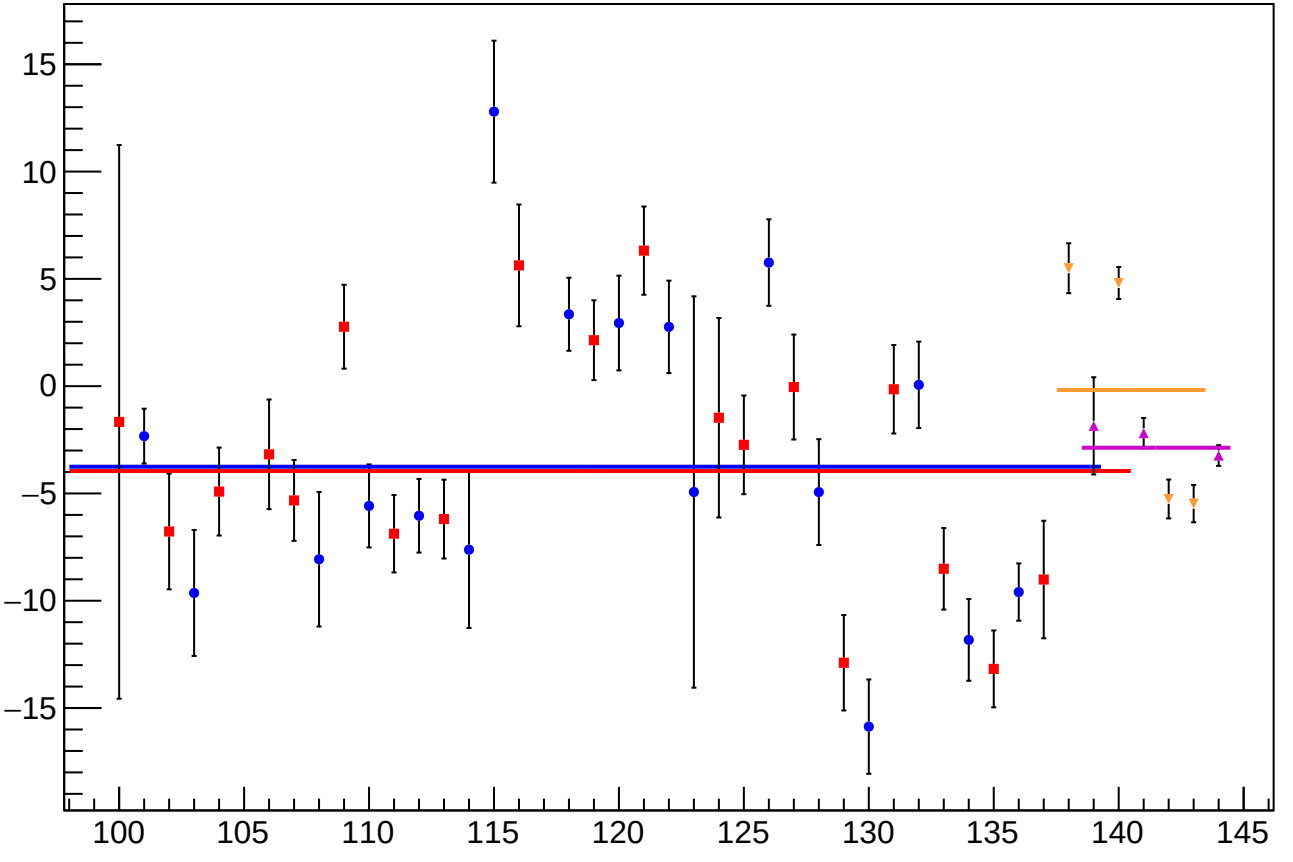
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.573+/-0.511 χ^2/NDF:138.2/2

Out: -50.876+/-0.584 χ^2/NDF:196.1/3

All: -40.510+/-0.385 χ^2/NDF: 890.8/6

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -0.180+/-0.444 χ^2/NDF:136.9/3

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -2.869+/-0.392 χ^2/NDF:1.7/2

Left: -1.690+/-0.294 χ^2/NDF: 159.2/6

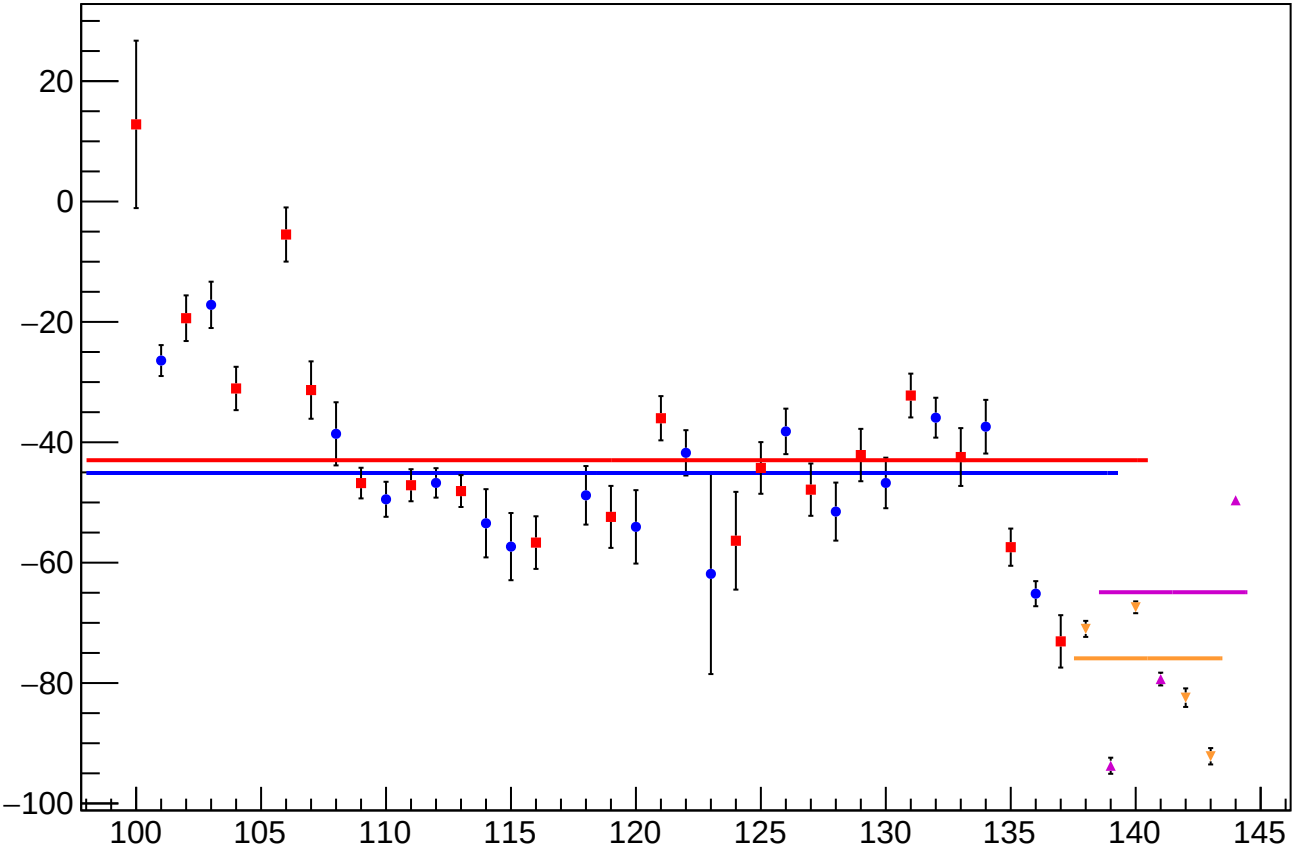
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -3.210+/-0.307 χ^2/NDF:169.0/19

Out: -1.818+/-0.334 χ^2/NDF:291.6/22

All: -2.572+/-0.226 χ^2/NDF: 470.0/42

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -75.894+/-0.625 χ^2/NDF:249.1/3

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -64.910+/-0.547 χ^2/NDF:1090.5/2

Left: -69.678+/-0.412 χ^2/NDF: 1514.5/6

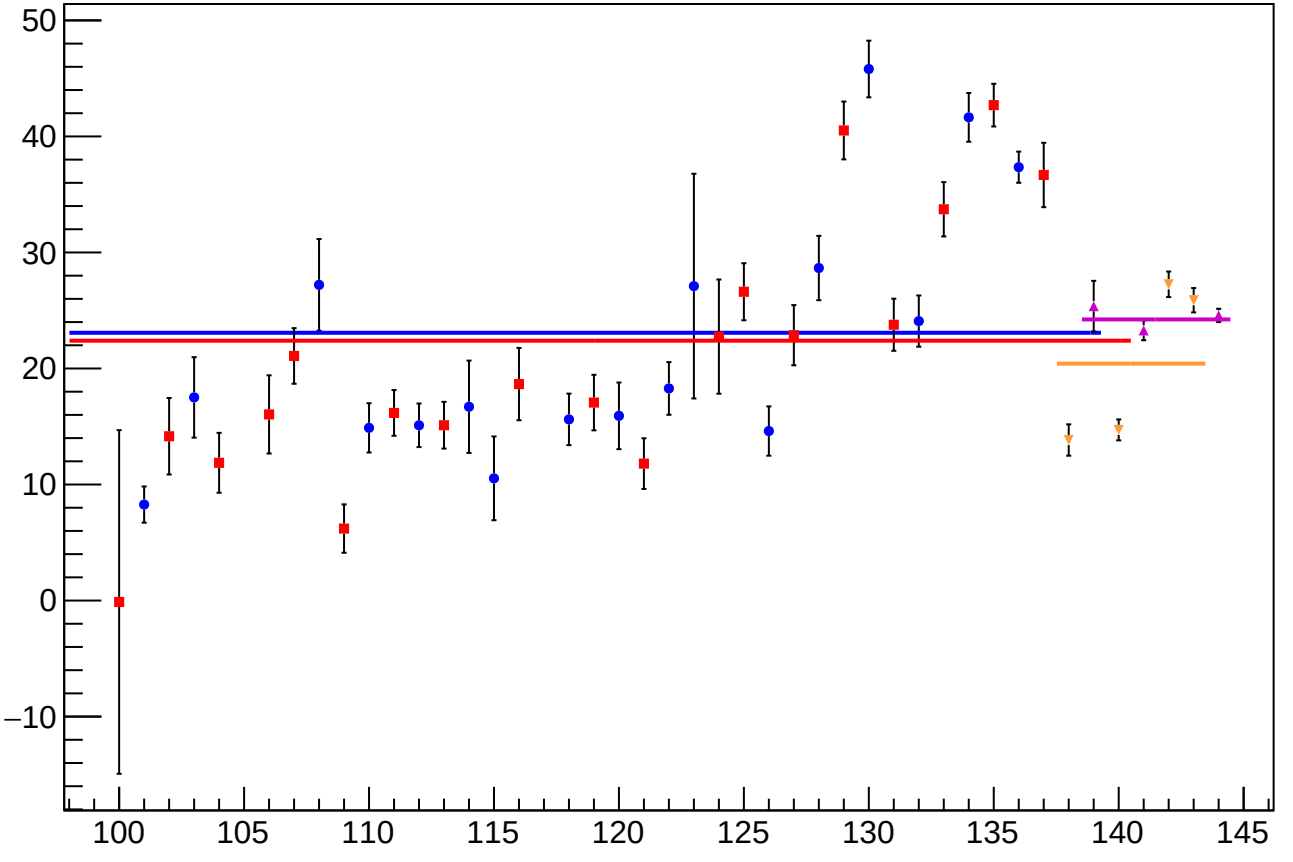
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -59.393+/-0.465 χ^2/NDF:1685.3/19

Out: -64.817+/-0.509 χ^2/NDF:1431.8/22

All: -61.860+/-0.343 χ^2/NDF: 3179.0/42

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 20.416+/-0.534 χ^2/NDF:129.4/3

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 24.227+/-0.464 χ^2/NDF:1.9/2

Left: 22.585+/-0.350 χ^2/NDF: 160.3/6

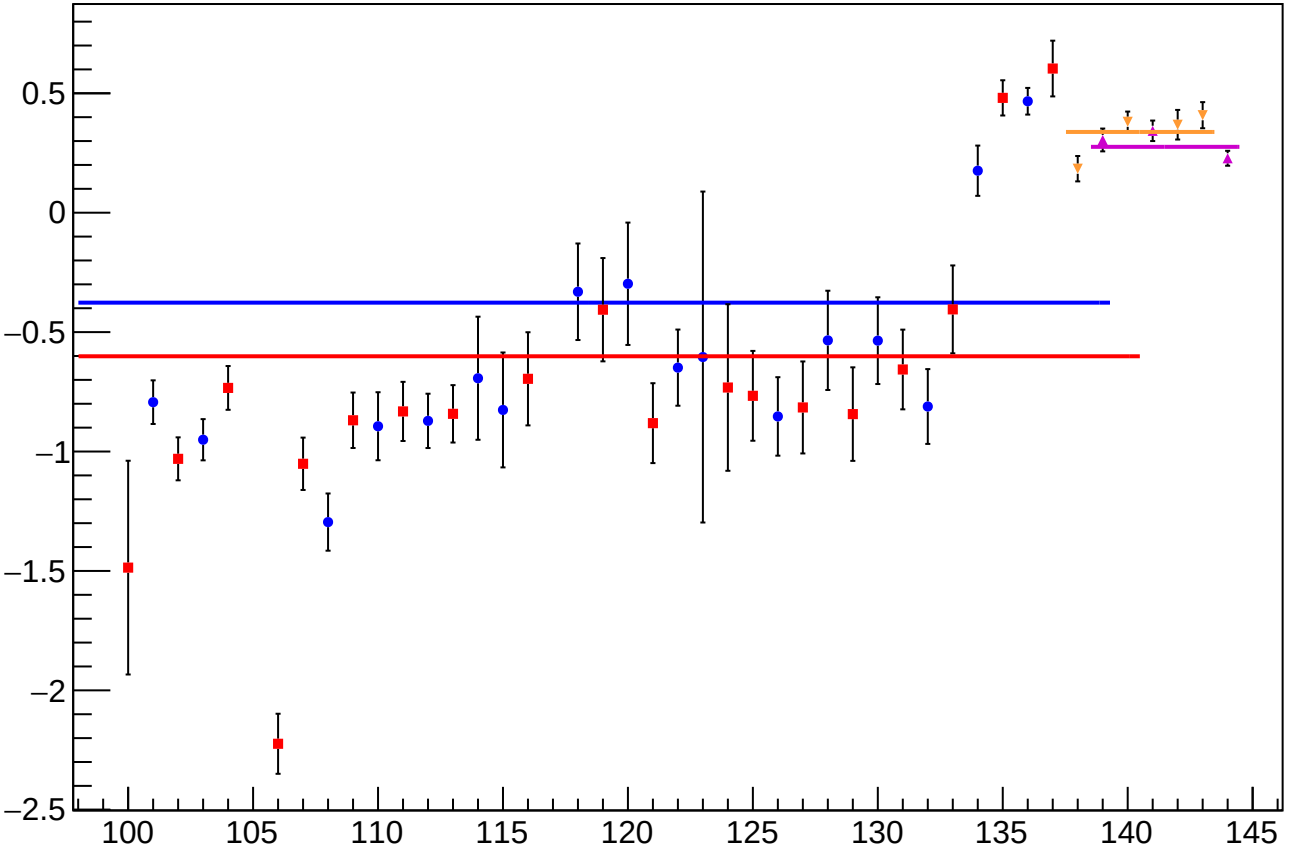
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 23.755+/-0.356 χ^2/NDF:465.5/19

Out: 21.338+/-0.390 χ^2/NDF:506.1/22

All: 22.656+/-0.263 χ^2/NDF: 992.5/42

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.338+/-0.026 χ^2/NDF:11.3/3

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.276+/-0.022 χ^2/NDF:5.2/2

Left: 0.302+/-0.017 χ^2/NDF: 19.8/6

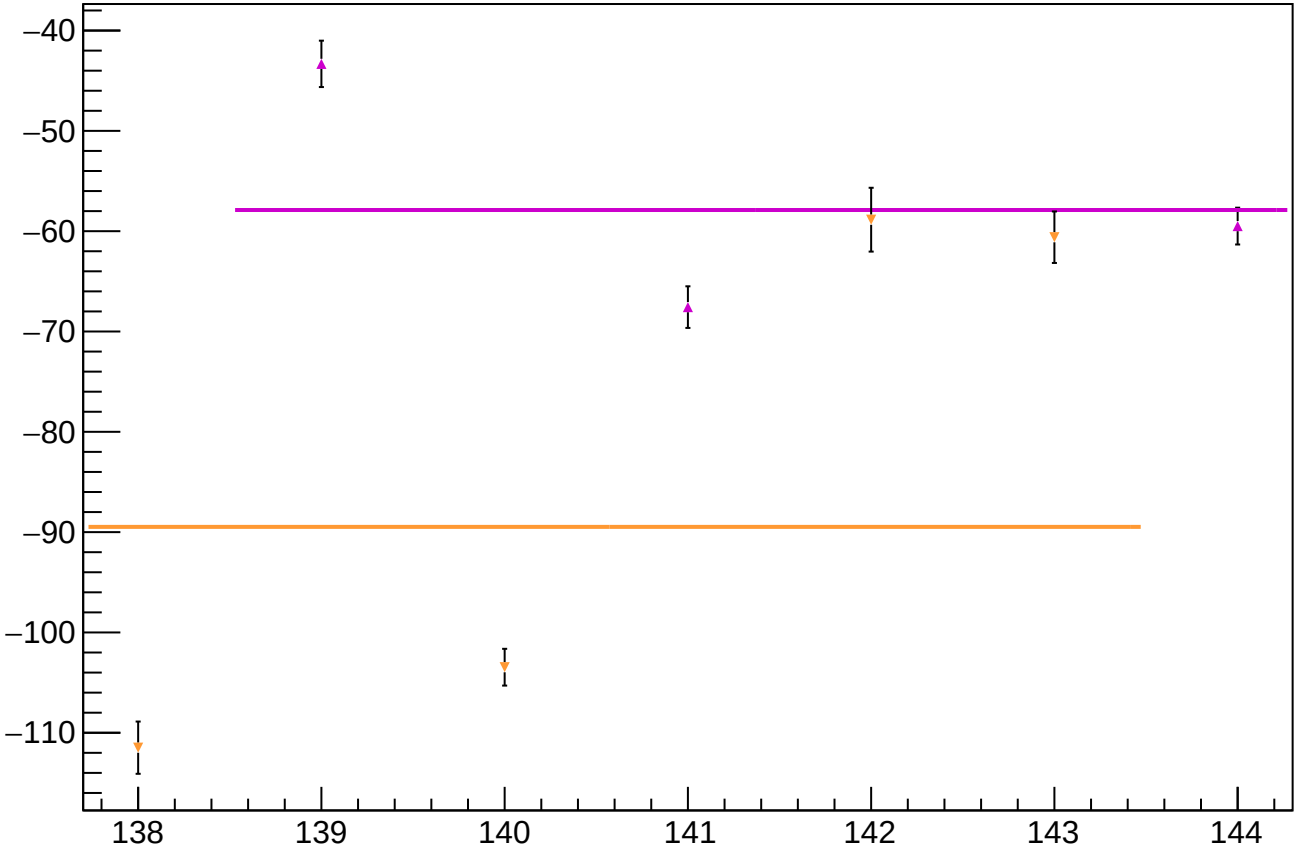
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.044+/-0.018 χ^2/NDF:745.8/19

Out: -0.060+/-0.020 χ^2/NDF:1125.5/22

All: -0.003+/-0.013 χ^2/NDF: 1886.5/42

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -89.476+/-1.199 χ^2/NDF:348.9/3

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

Left In: -57.888+/-1.181 χ^2/NDF:62.2/2

Left: -73.452+/-0.841 χ^2/NDF: 763.4/6

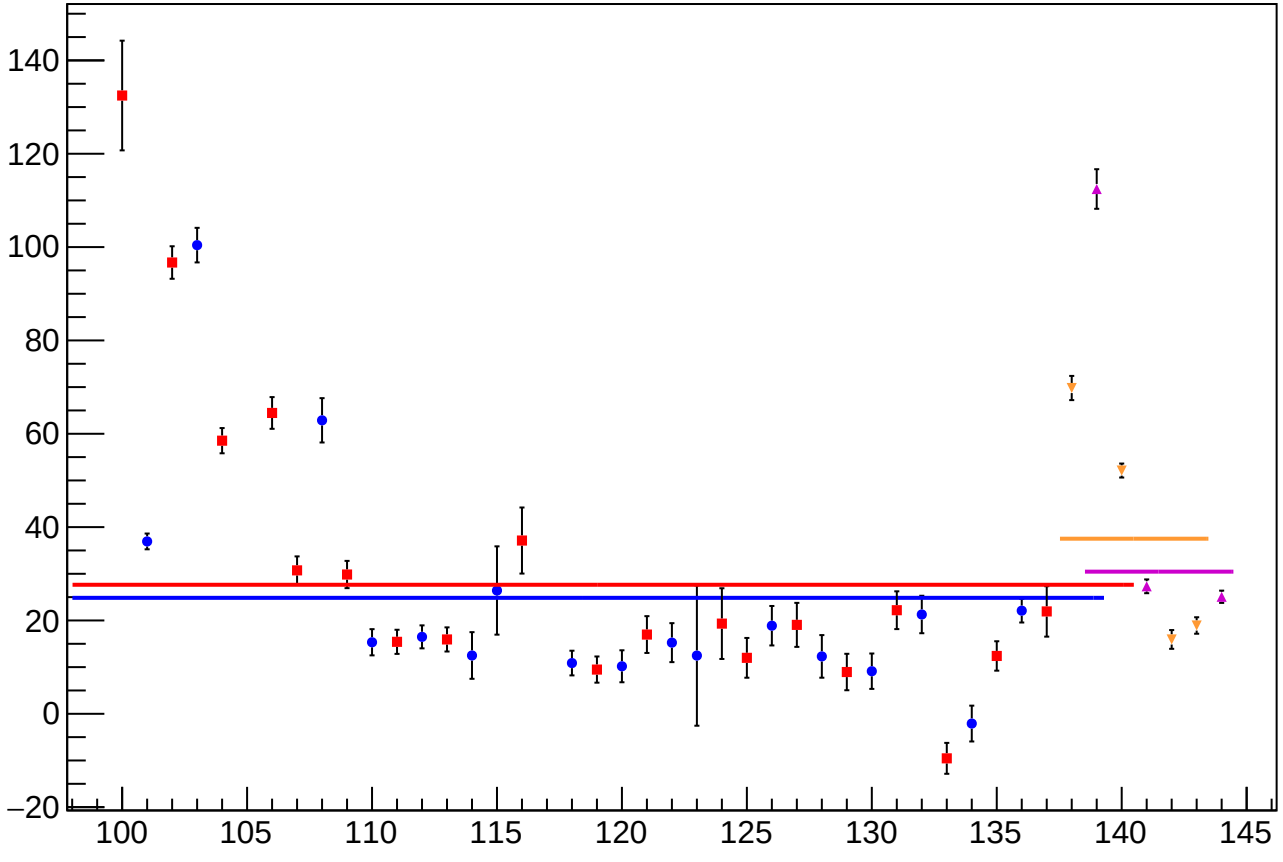
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -57.888+/-1.181 χ^2/NDF:62.2/2

Out: -89.476+/-1.199 χ^2/NDF:348.9/3

All: -73.452+/-0.841 χ^2/NDF: 763.4/6

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 37.519+/-0.928 χ^2/NDF:476.0/3

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 30.458+/-0.956 χ^2/NDF:394.8/2

Left: 34.095+/-0.666 χ^2/NDF: 898.9/6

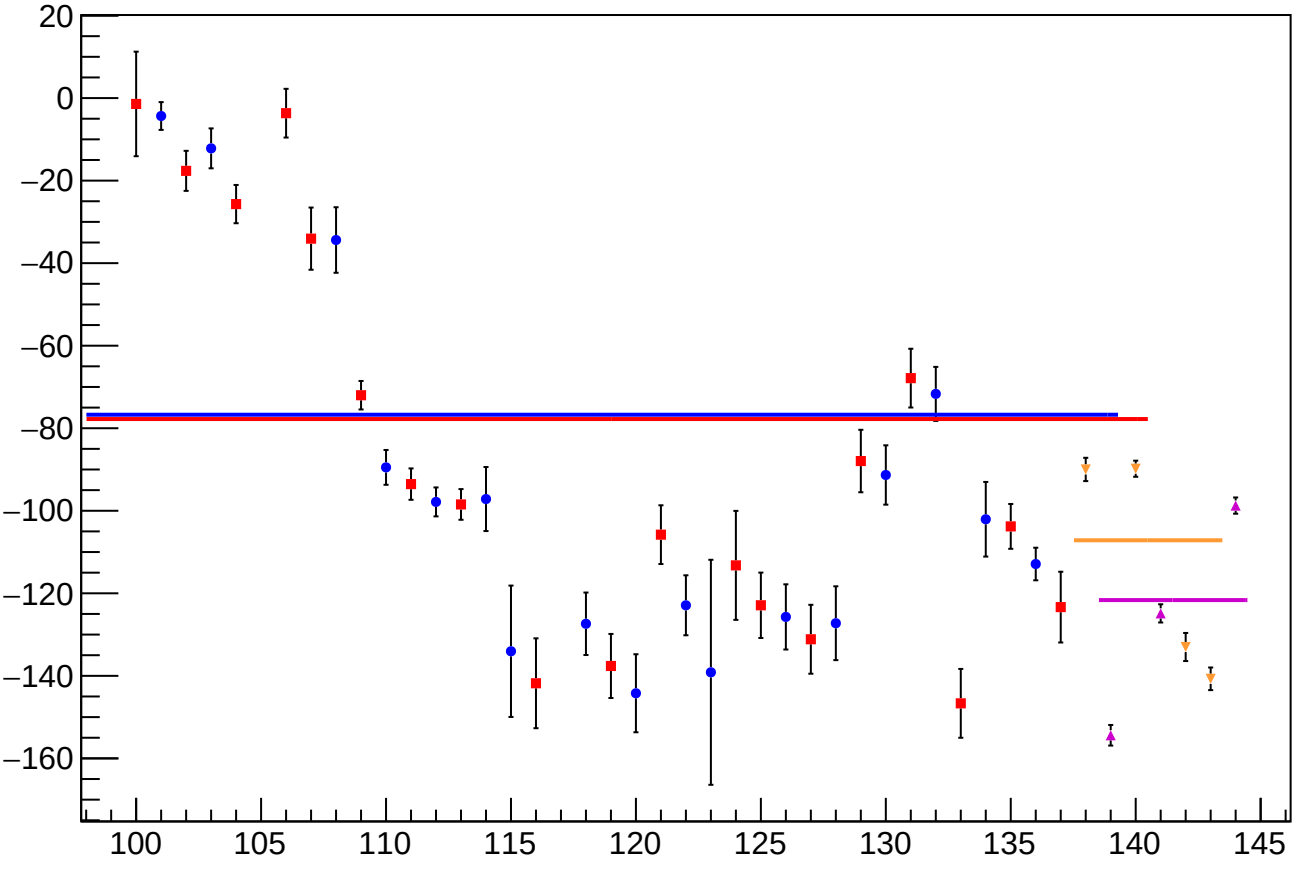
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 27.160+/-0.614 χ^2/NDF:1105.8/19

Out: 31.919+/-0.610 χ^2/NDF:1549.4/22

All: 29.553+/-0.433 χ^2/NDF: 2685.4/42

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -107.152+/-1.283 χ^2/NDF:323.7/3

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -121.642+/-1.265 χ^2/NDF:309.9/2

Left: -114.497+/-0.901 χ^2/NDF: 698.3/6

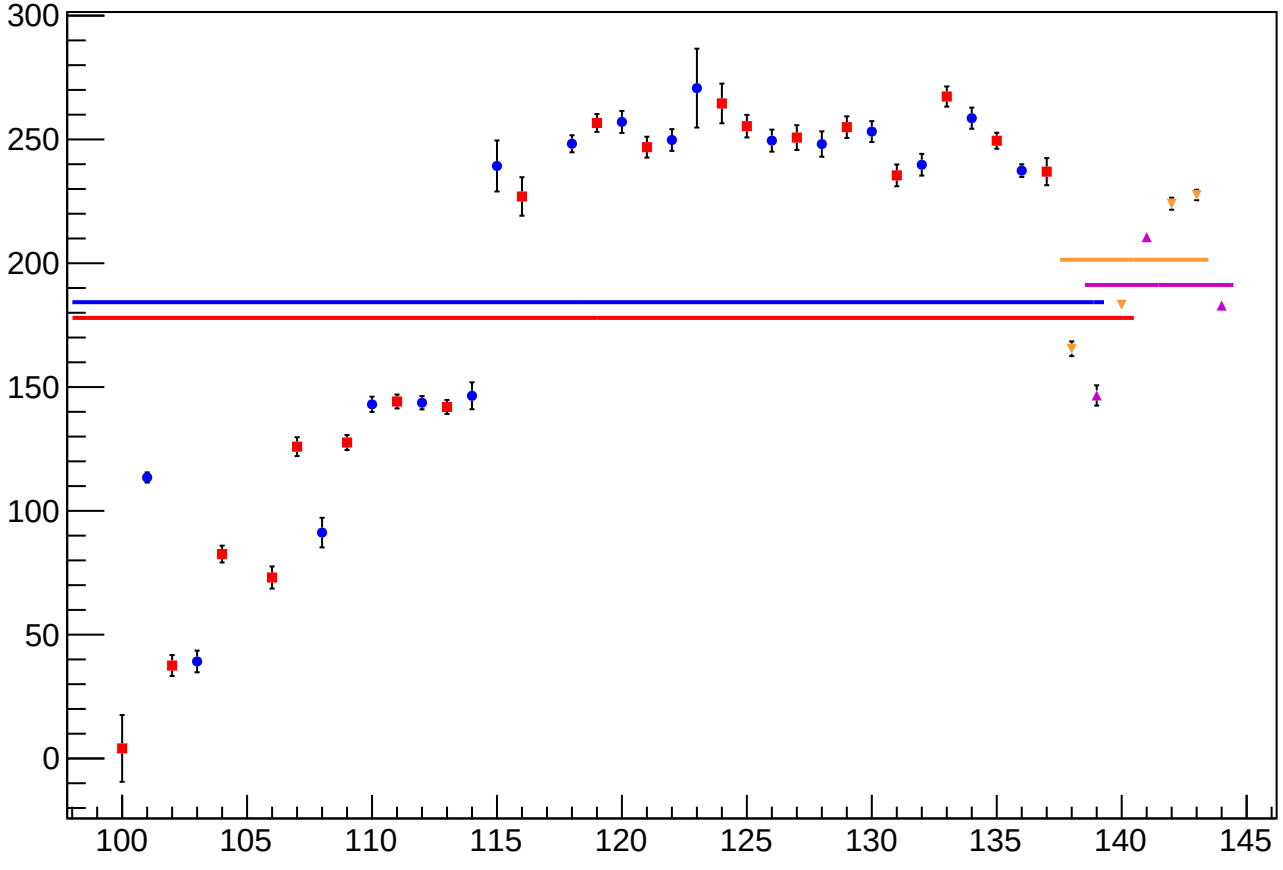
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -101.639+/-0.942 χ^2/NDF:1912.9/19

Out: -93.233+/-0.931 χ^2/NDF:1443.9/22

All: -97.384+/-0.662 χ^2/NDF: 3397.1/42

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 201.416+/-1.112 χ^2/NDF:485.9/3

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 191.226+/-1.125 χ^2/NDF:265.4/2

Left: 196.382+/-0.791 χ^2/NDF: 792.8/6

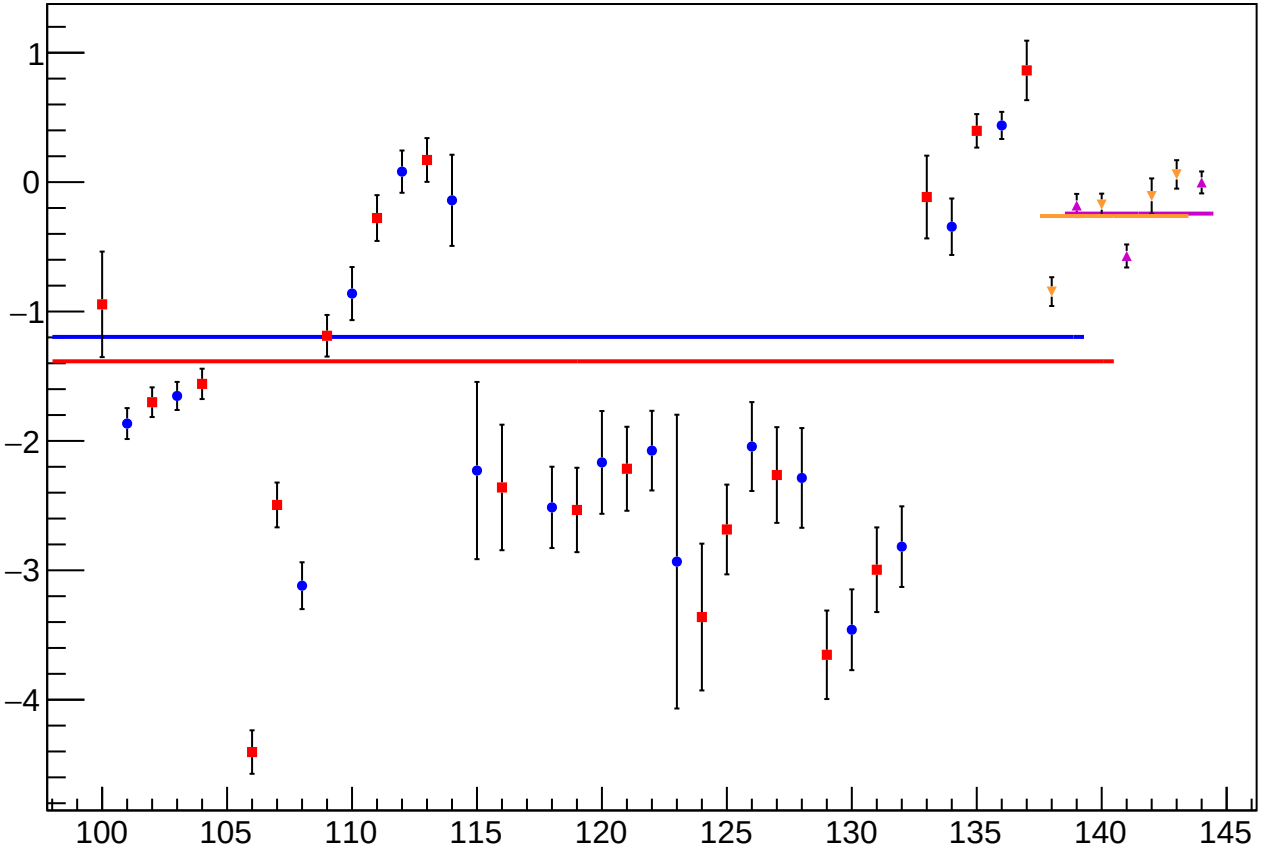
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 187.035+/-0.709 χ^2/NDF:5689.4/19

Out: 187.526+/-0.711 χ^2/NDF:7080.9/22

All: 187.280+/-0.502 χ^2/NDF: 12770.5/42

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.262+/-0.053 χ^2/NDF:38.5/3

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.243+/-0.051 χ^2/NDF:22.1/2

Left: -0.252+/-0.037 χ^2/NDF: 60.7/6

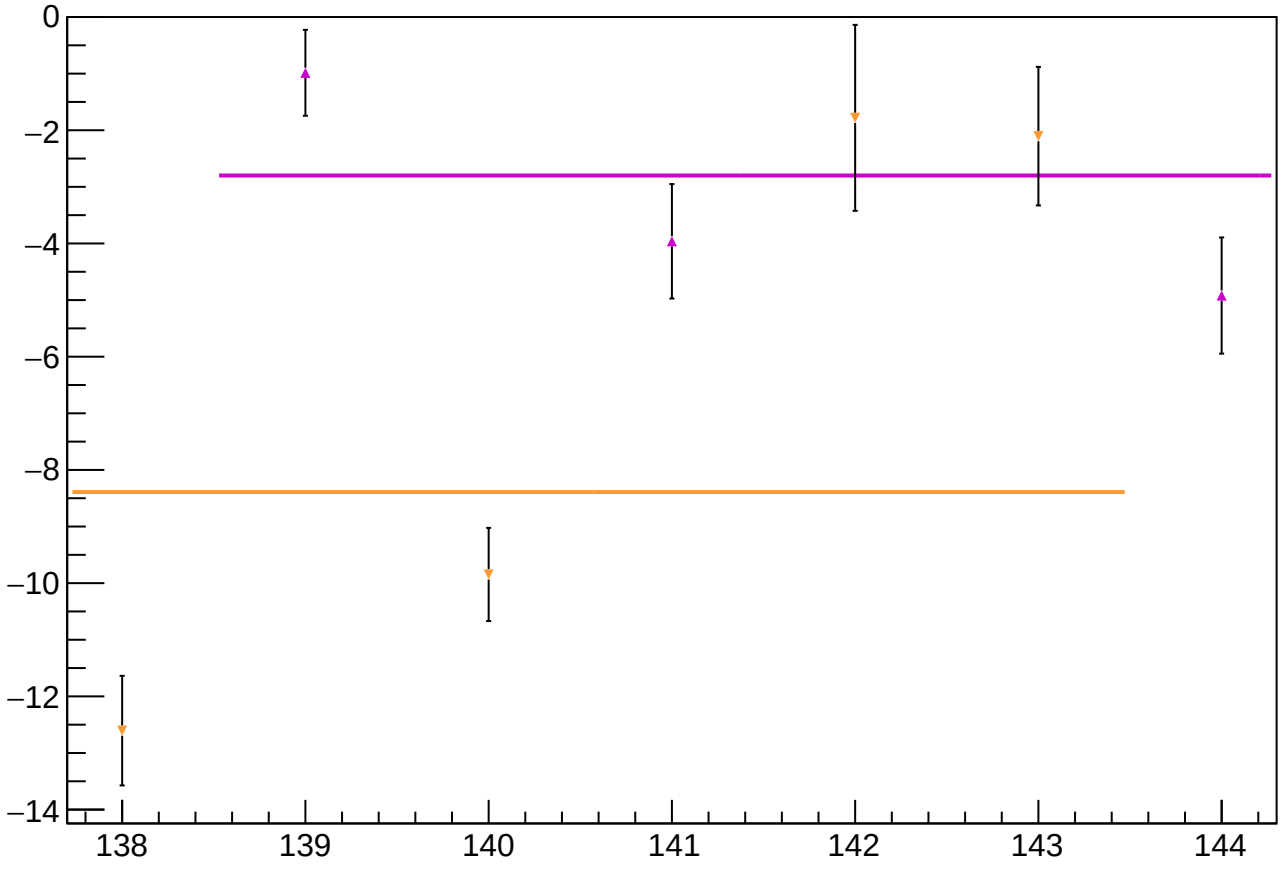
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.744+/-0.035 χ^2/NDF:831.6/19

Out: -0.905+/-0.035 χ^2/NDF:1220.2/22

All: -0.825+/-0.025 χ^2/NDF: 2062.5/42

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.391+/-0.528 χ^2/NDF:64.7/3

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

Left In: -2.800+/-0.522 χ^2/NDF:11.3/2

Left: -5.564+/-0.371 χ^2/NDF: 132.6/6

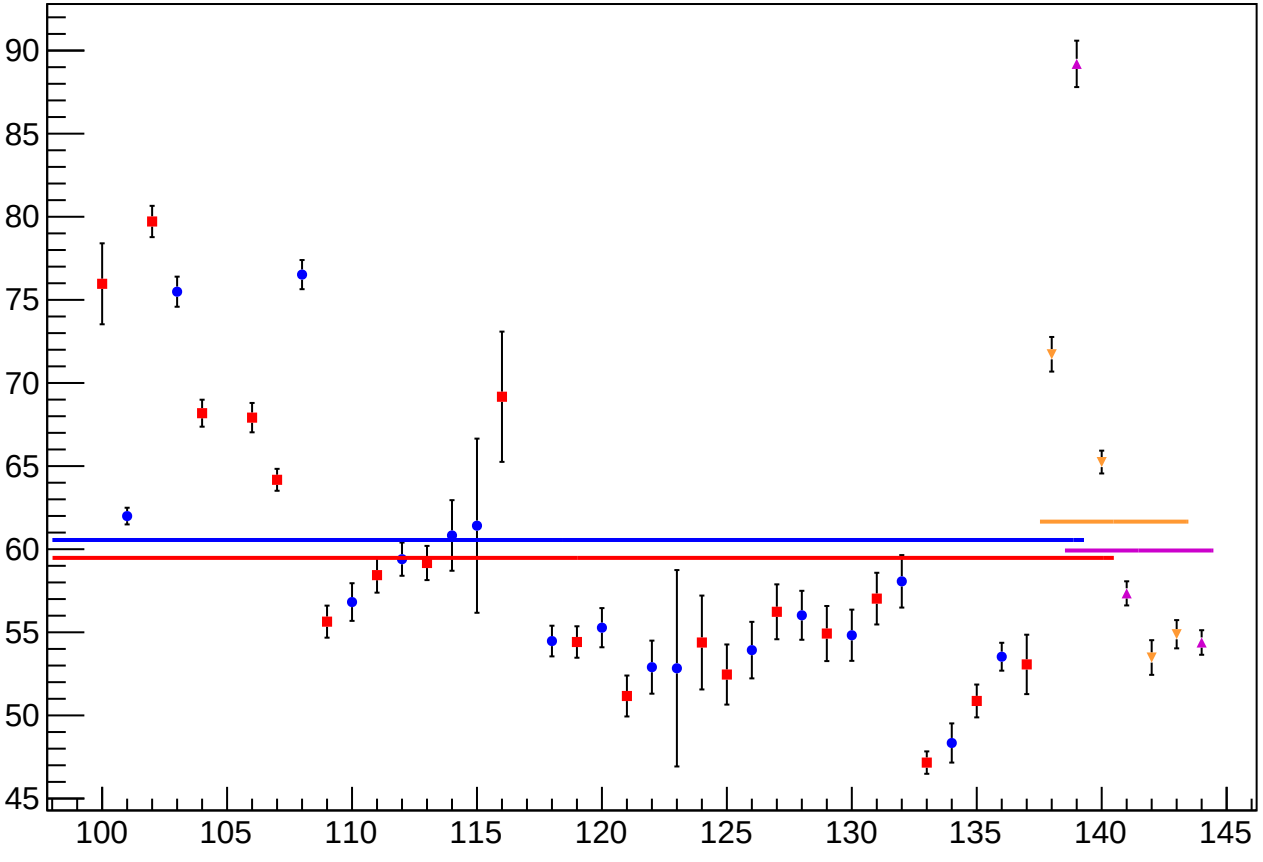
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.800+/-0.522 χ^2/NDF:11.3/2

Out: -8.391+/-0.528 χ^2/NDF:64.7/3

All: -5.564+/-0.371 χ^2/NDF: 132.6/6

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 61.659+/-0.432 χ^2/NDF:245.7/3

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 59.922+/-0.486 χ^2/NDF:508.4/2

Left: 60.891+/-0.323 χ^2/NDF: 761.3/6

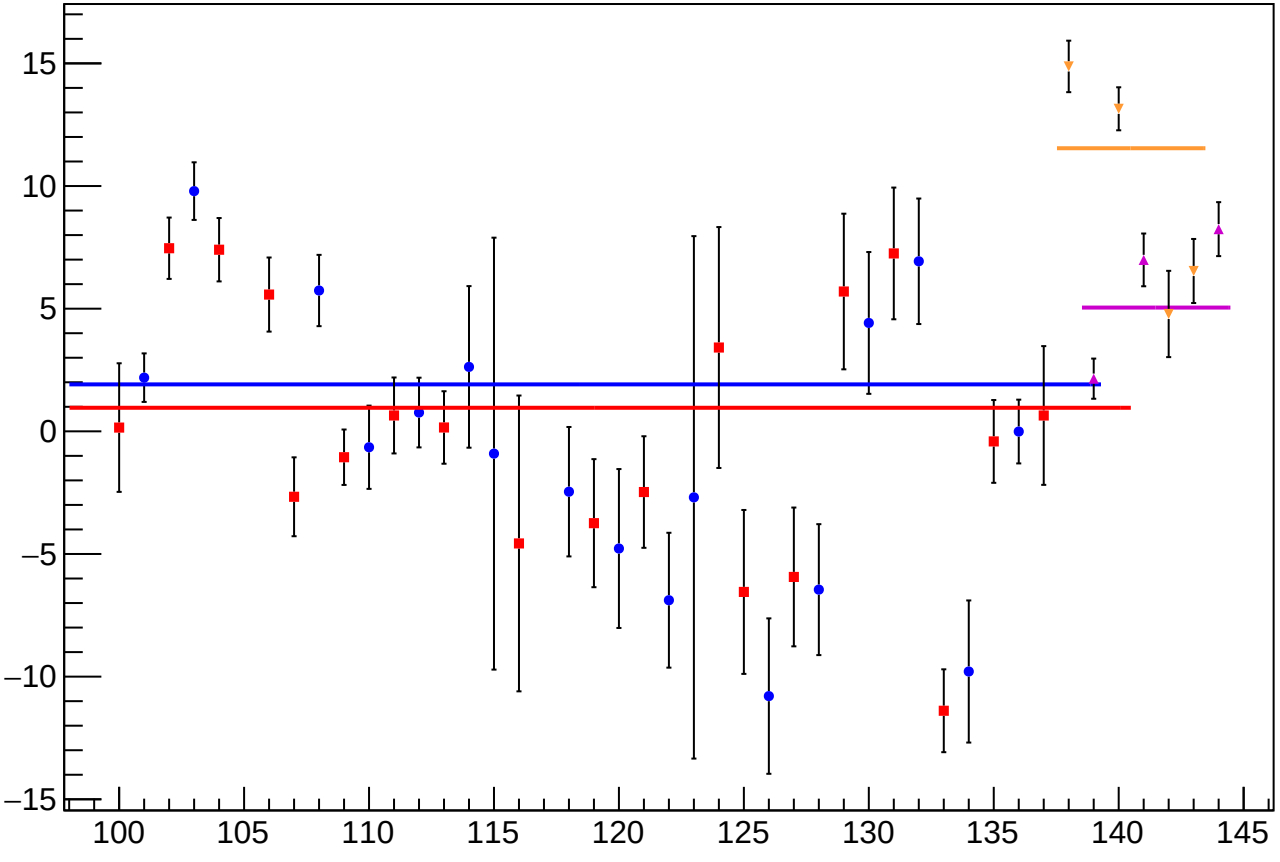
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 60.412+/-0.230 χ^2/NDF:1440.5/19

Out: 60.017+/-0.215 χ^2/NDF:1581.9/22

All: 60.201+/-0.157 χ^2/NDF: 3023.9/42

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 11.540+/-0.566 χ^2/NDF:42.9/3

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 5.045+/-0.560 χ^2/NDF:24.3/2

Left: 8.259+/-0.398 χ^2/NDF: 133.6/6

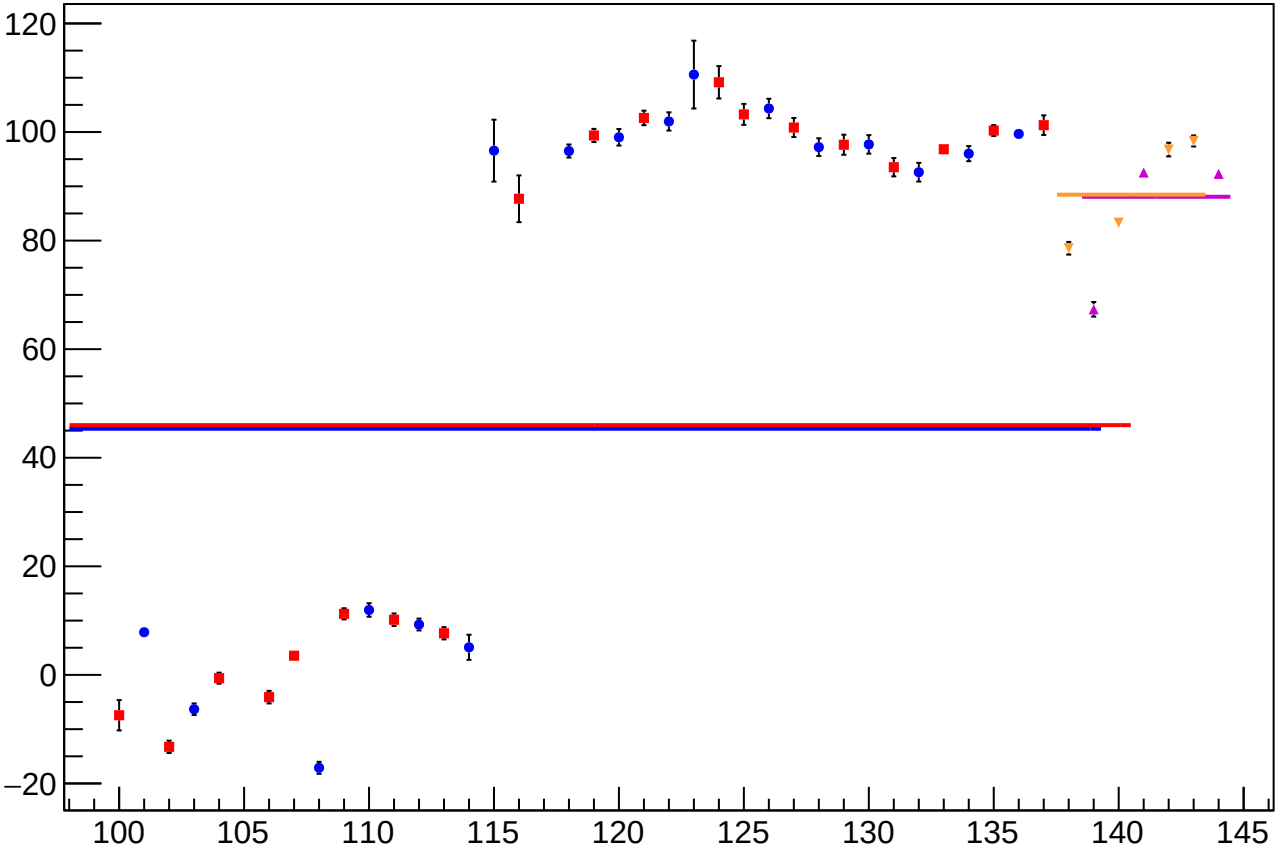
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 3.167+/-0.355 χ^2/NDF:164.6/19

Out: 4.763+/-0.340 χ^2/NDF:415.9/22

All: 3.999+/-0.245 χ^2/NDF: 591.1/42

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 88.460+/-0.513 χ^2/NDF:248.8/3

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 88.075+/-0.560 χ^2/NDF:286.8/2

Left: 88.284+/-0.378 χ^2/NDF: 535.8/6

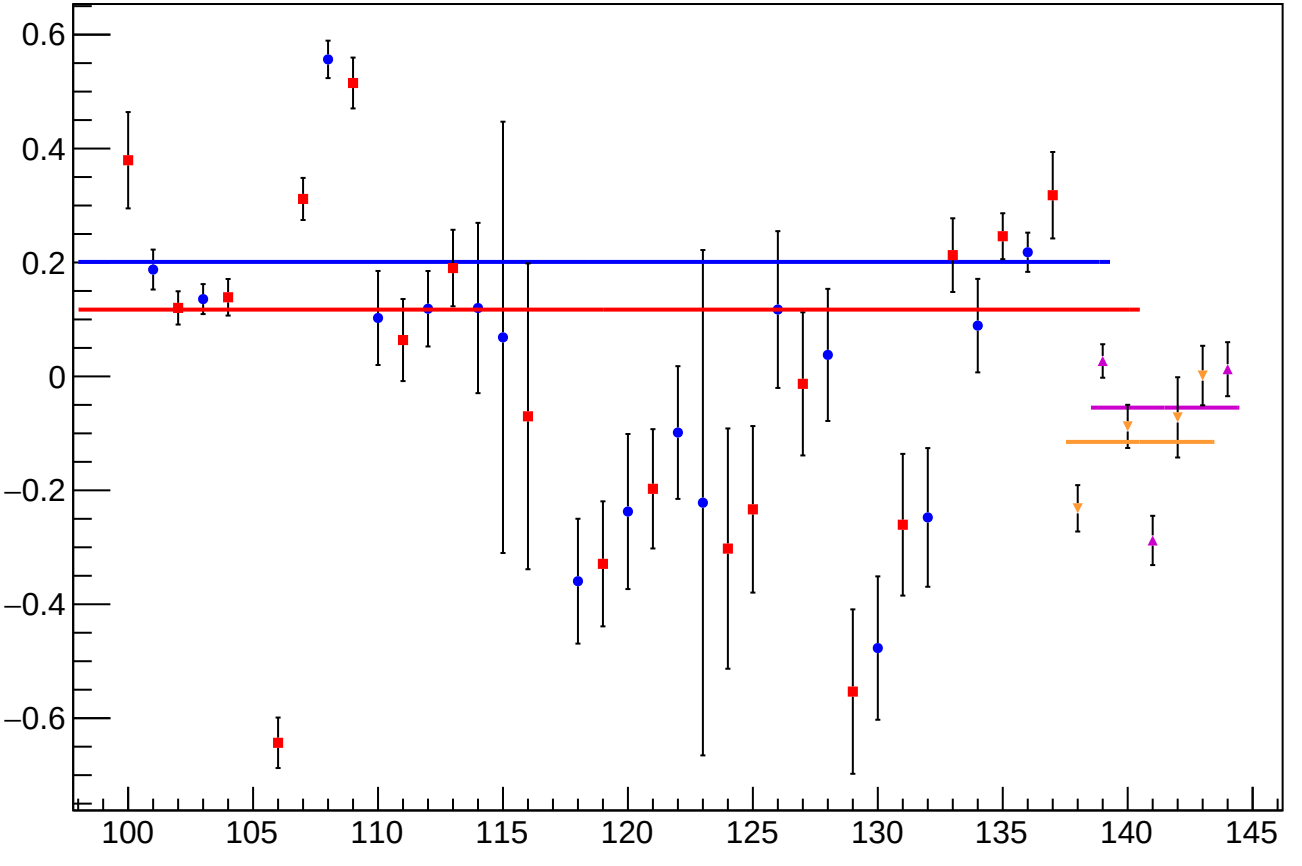
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 55.025+/-0.267 χ^2/NDF:29857.0/19

Out: 56.256+/-0.252 χ^2/NDF:33661.5/22

All: 55.675+/-0.183 χ^2/NDF: 63529.7/42

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.115+/-0.023 χ^2/NDF:14.1/3

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.055+/-0.022 χ^2/NDF:38.8/2

Left: -0.083+/-0.016 χ^2/NDF: 56.5/6

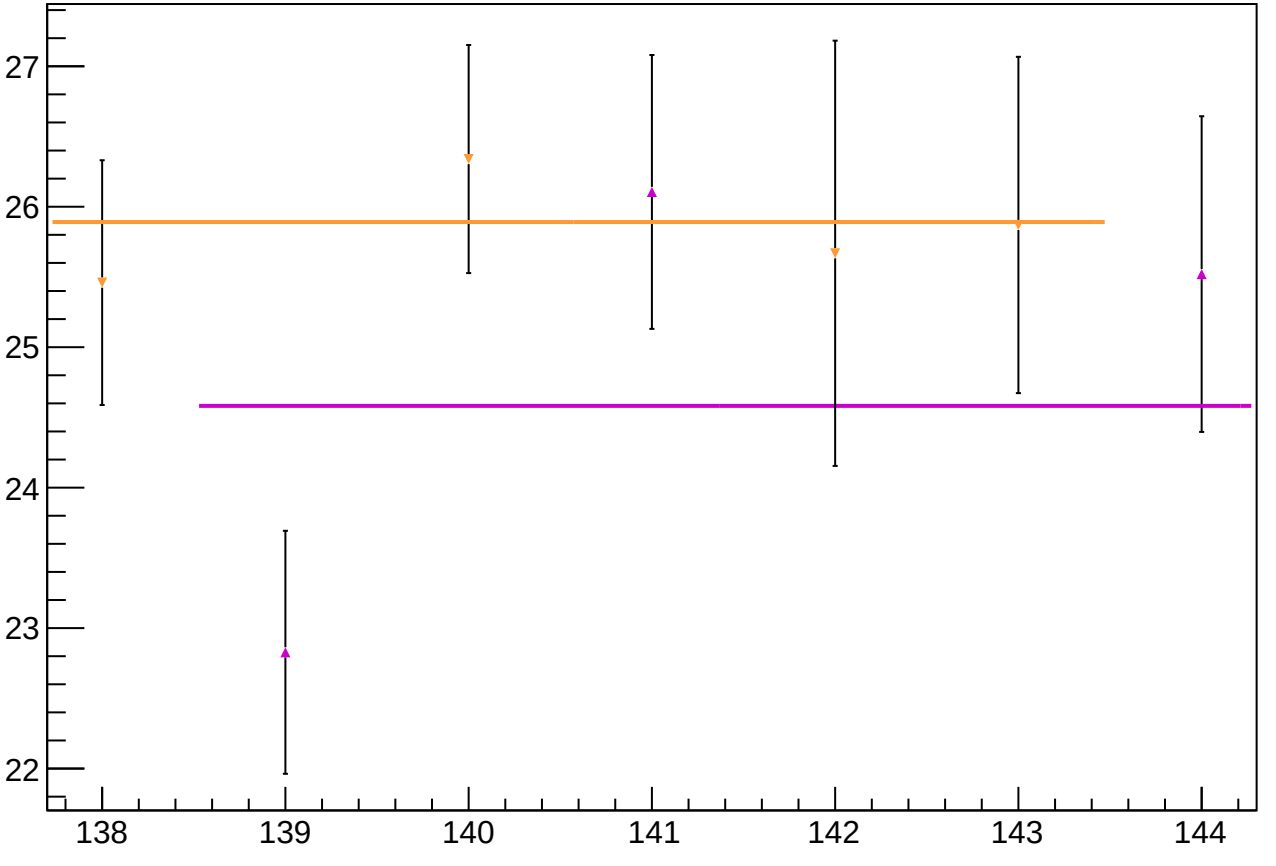
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: 0.125+/-0.012 χ^2/NDF:355.0/19

Out: 0.061+/-0.011 χ^2/NDF:590.7/22

All: 0.092+/-0.008 χ^2/NDF: 960.9/42

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 25.891+/-0.502 χ^2/NDF:0.6/3

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

Left In: 24.582+/-0.561 χ^2/NDF:7.3/2

Left: 25.309+/-0.374 χ^2/NDF: 10.8/6

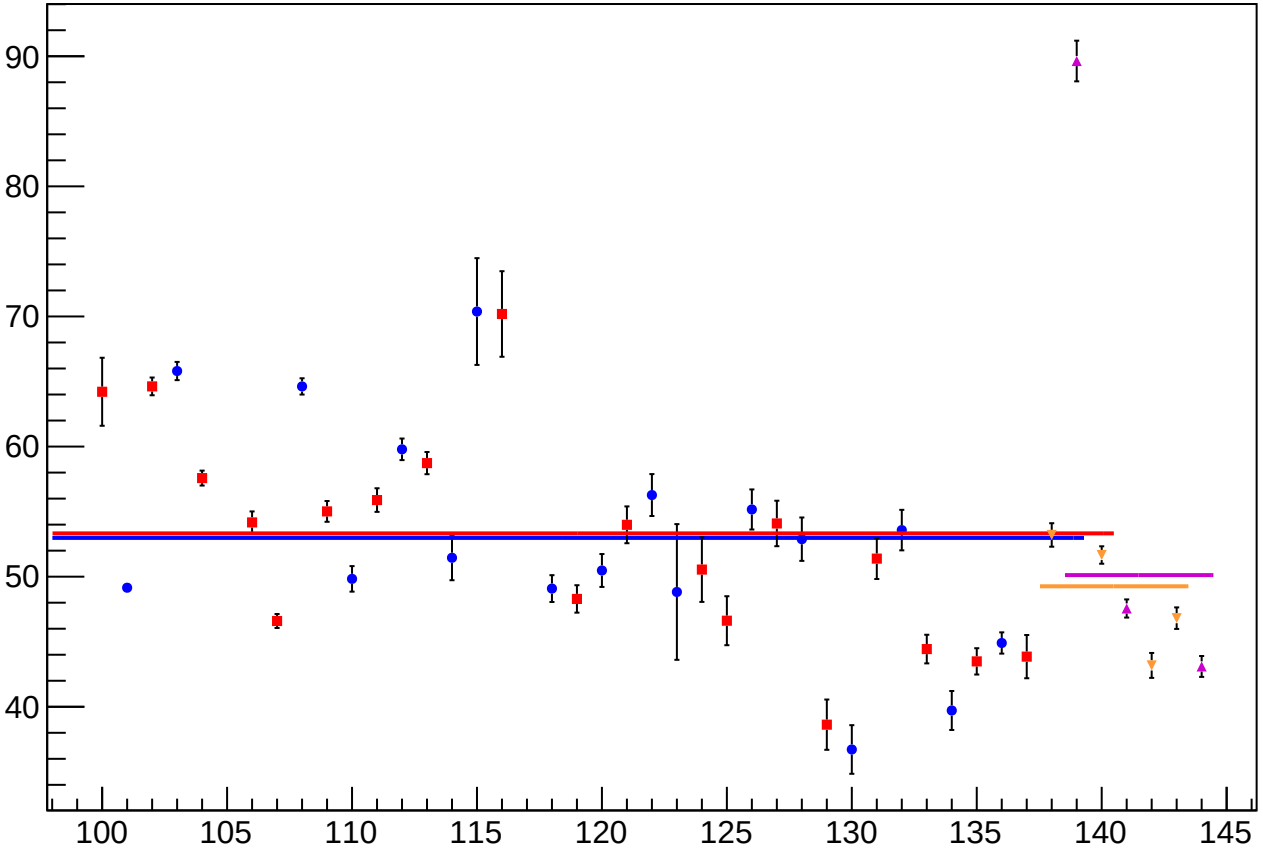
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 24.582+/-0.561 χ^2/NDF:7.3/2

Out: 25.891+/-0.502 χ^2/NDF:0.6/3

All: 25.309+/-0.374 χ^2/NDF: 10.8/6

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 49.260+/-0.408 χ^2/NDF:81.0/3

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 50.121+/-0.499 χ^2/NDF:729.0/2

Left: 49.605+/-0.316 χ^2/NDF: 811.7/6

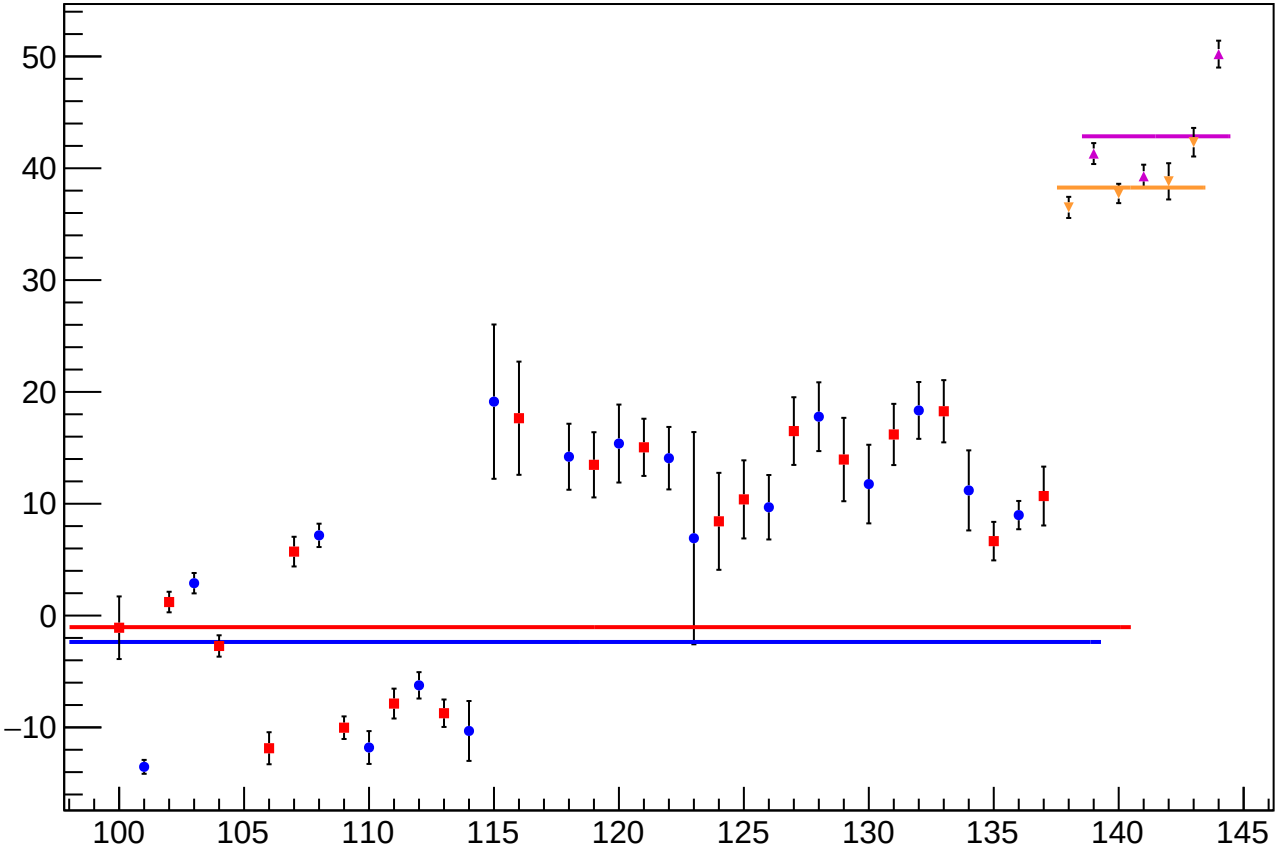
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 52.550+/-0.194 χ^2/NDF:1954.6/19

Out: 52.369+/-0.198 χ^2/NDF:1029.6/22

All: 52.462+/-0.139 χ^2/NDF: 2984.6/42

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 38.275+/-0.538 χ^2/NDF:14.1/3

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 42.858+/-0.602 χ^2/NDF:52.0/2

Left: 40.313+/-0.401 χ^2/NDF: 98.3/6

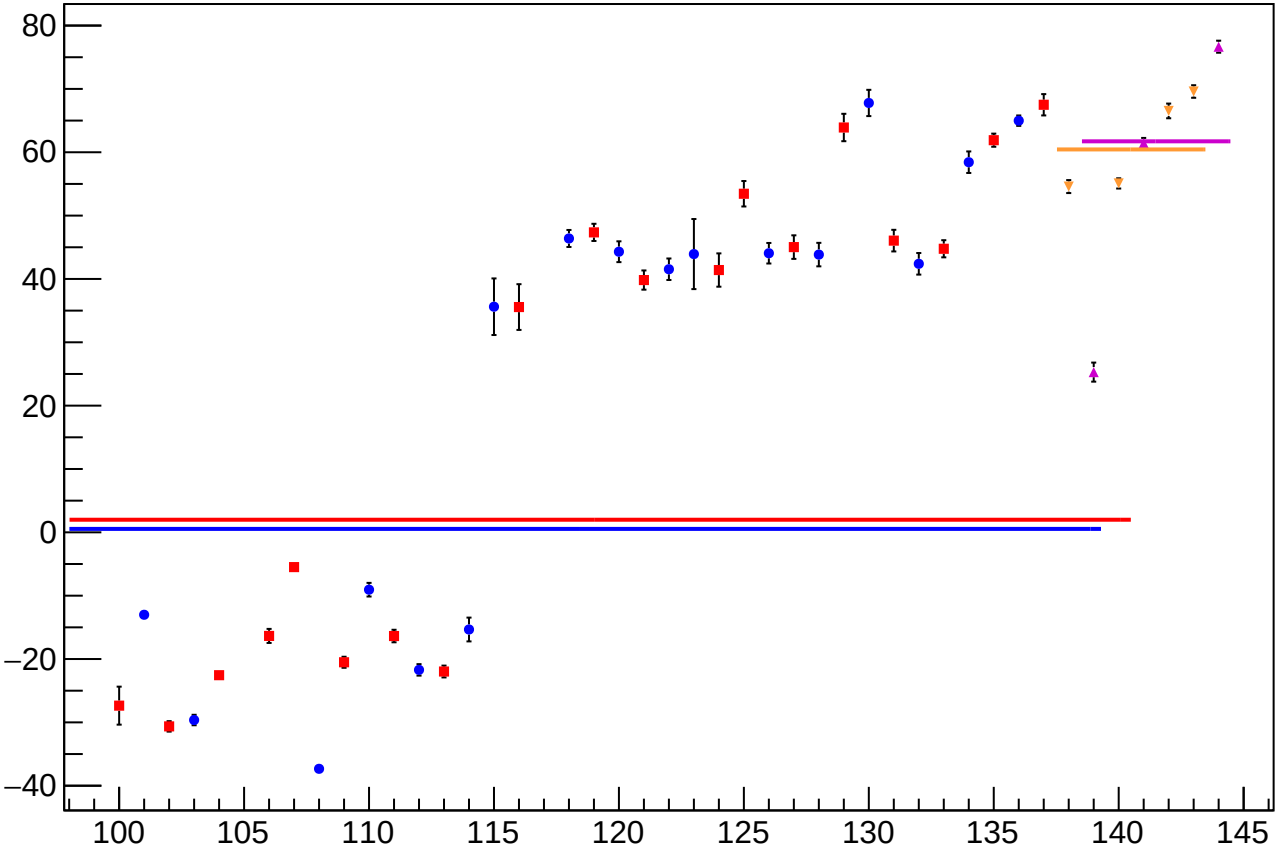
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 9.749+/-0.311 χ^2/NDF:5030.1/19

Out: 11.894+/-0.309 χ^2/NDF:4099.3/22

All: 10.830+/-0.219 χ^2/NDF: 9153.3/42

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 60.445+/-0.485 χ^2/NDF:189.3/3

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 61.724+/-0.580 χ^2/NDF:832.5/2

Left: 60.972+/-0.372 χ^2/NDF: 1024.7/6

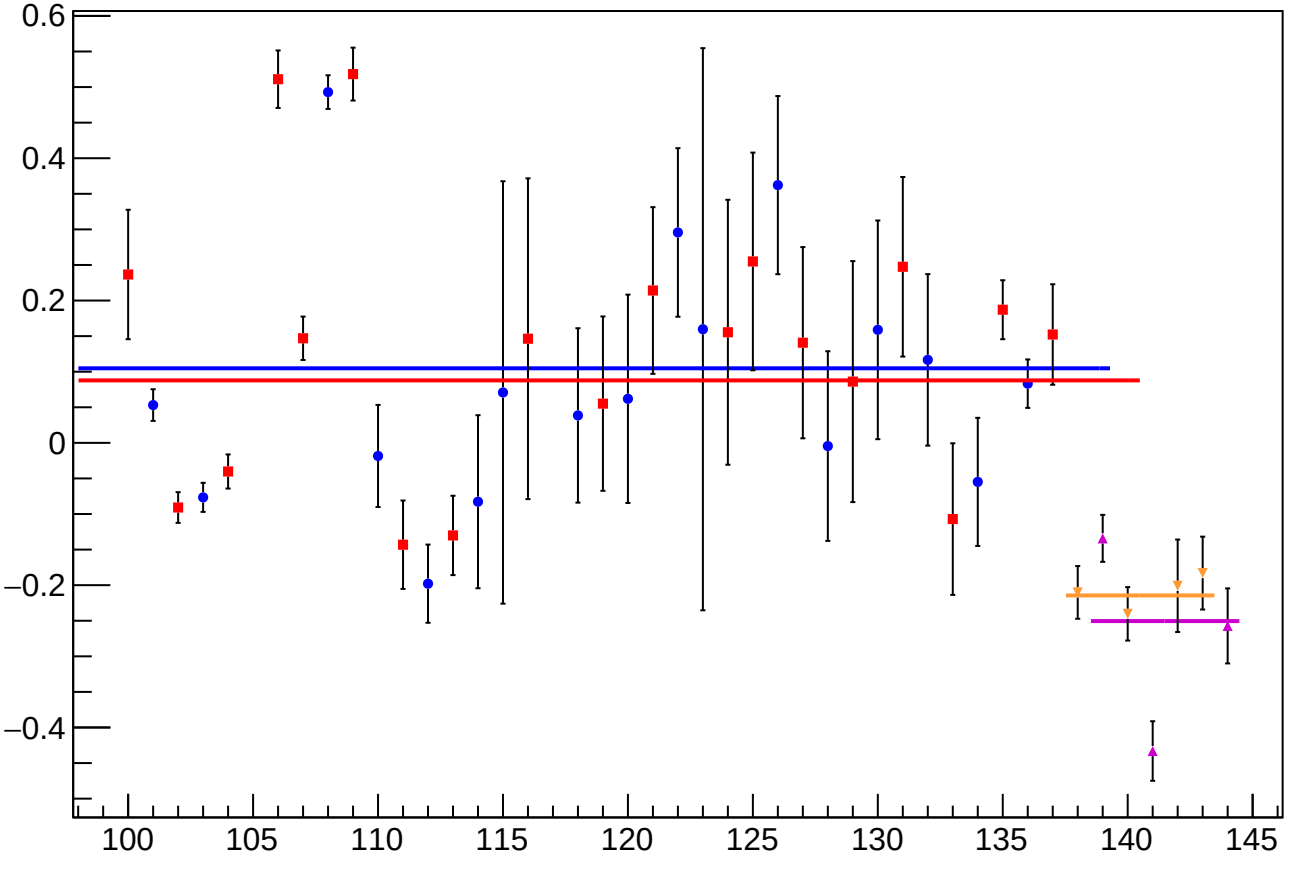
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 9.905+/-0.227 χ^2/NDF:28669.4/19

Out: 15.531+/-0.234 χ^2/NDF:26809.4/22

All: 12.638+/-0.163 χ^2/NDF: 55777.0/42

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.214+/-0.022 χ^2/NDF:0.9/3

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.250+/-0.023 χ^2/NDF:31.5/2

Left: -0.231+/-0.016 χ^2/NDF: 33.6/6

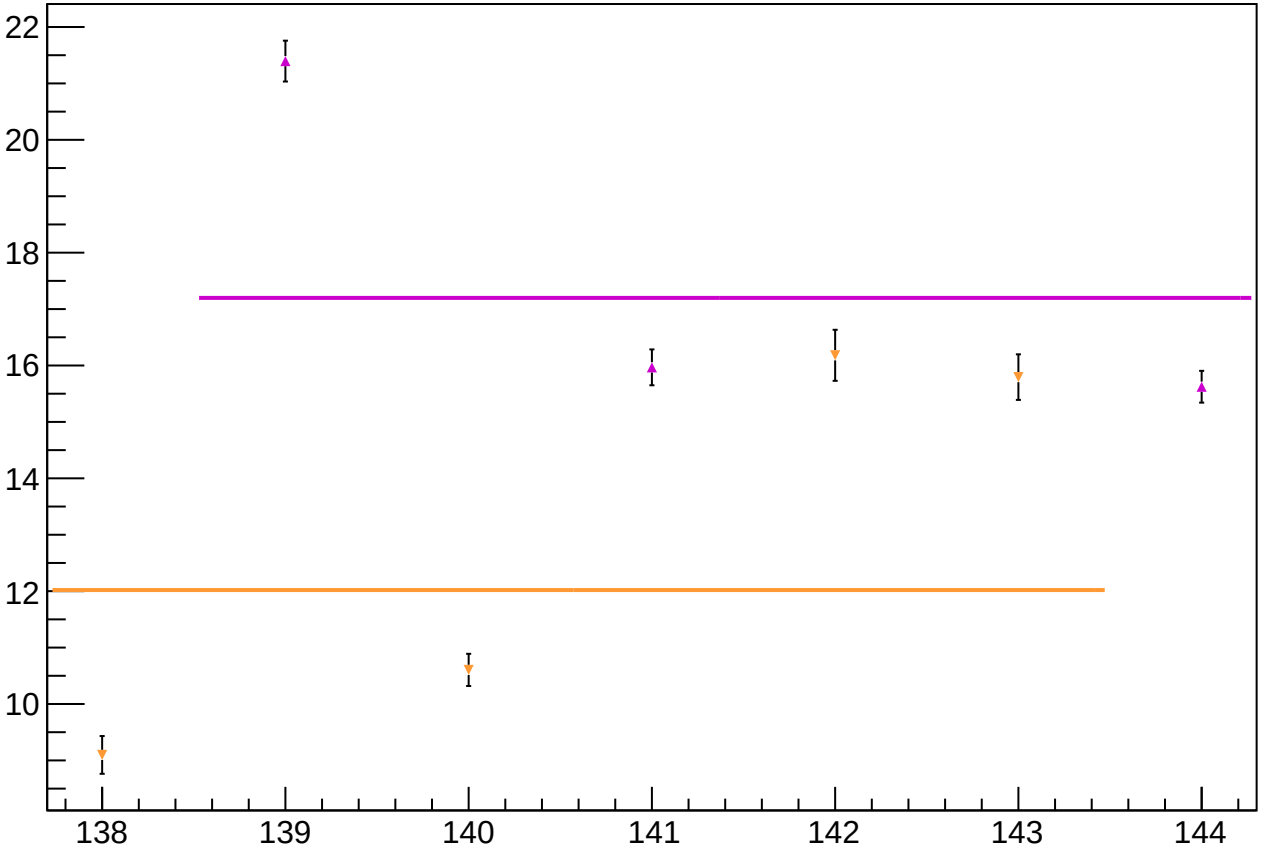
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: 0.040+/-0.010 χ^2/NDF:622.6/19

Out: 0.028+/-0.010 χ^2/NDF:542.2/22

All: 0.033+/-0.007 χ^2/NDF: 1165.6/42

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 12.020+/-0.176 χ^2/NDF:272.8/3

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

Left In: 17.198+/-0.182 χ^2/NDF:180.6/2

Left: 14.521+/-0.127 χ^2/NDF: 871.1/6

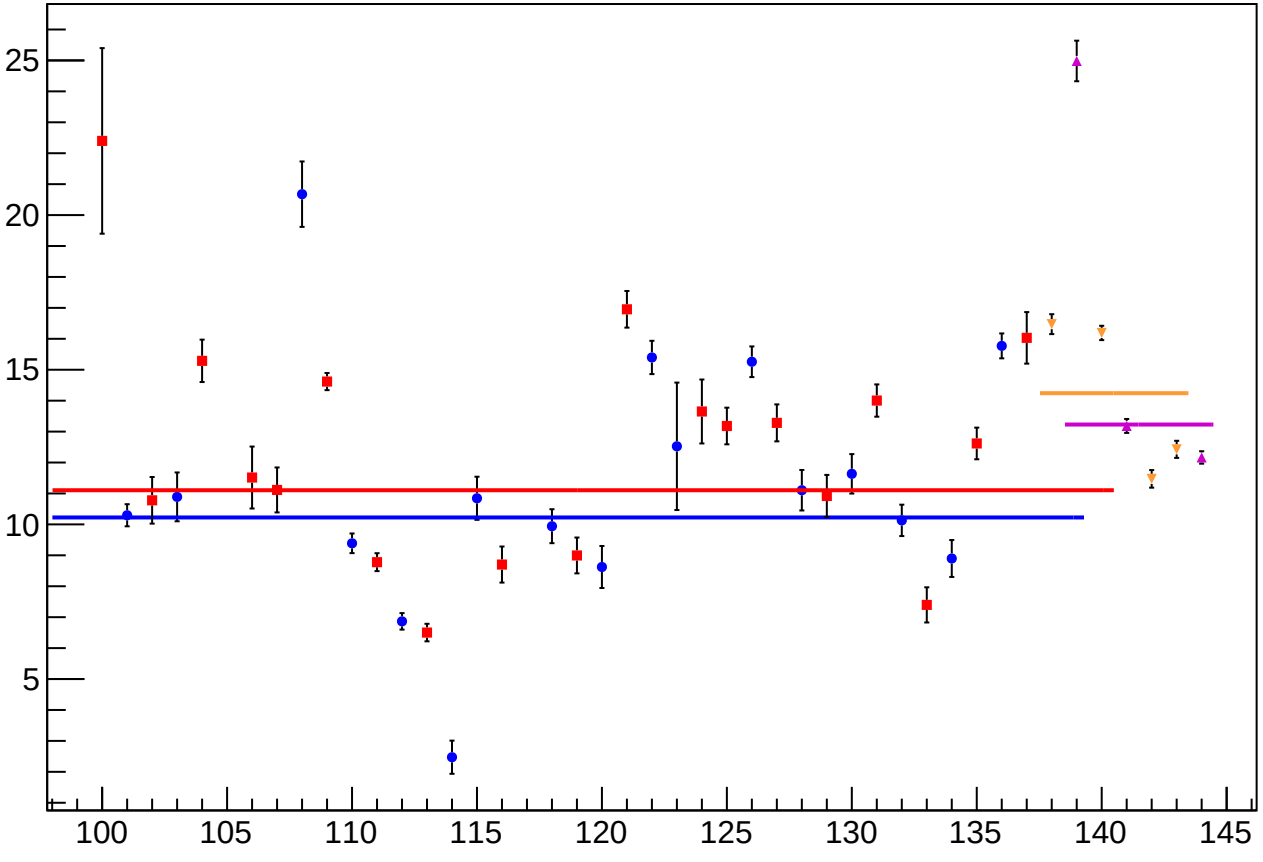
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 17.198+/-0.182 χ^2/NDF:180.6/2

Out: 12.020+/-0.176 χ^2/NDF:272.8/3

All: 14.521+/-0.127 χ^2/NDF: 871.1/6

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 14.242+/-0.136 χ^2/NDF:256.7/3

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 13.228+/-0.146 χ^2/NDF:349.3/2

Left: 13.770+/-0.100 χ^2/NDF: 631.7/6

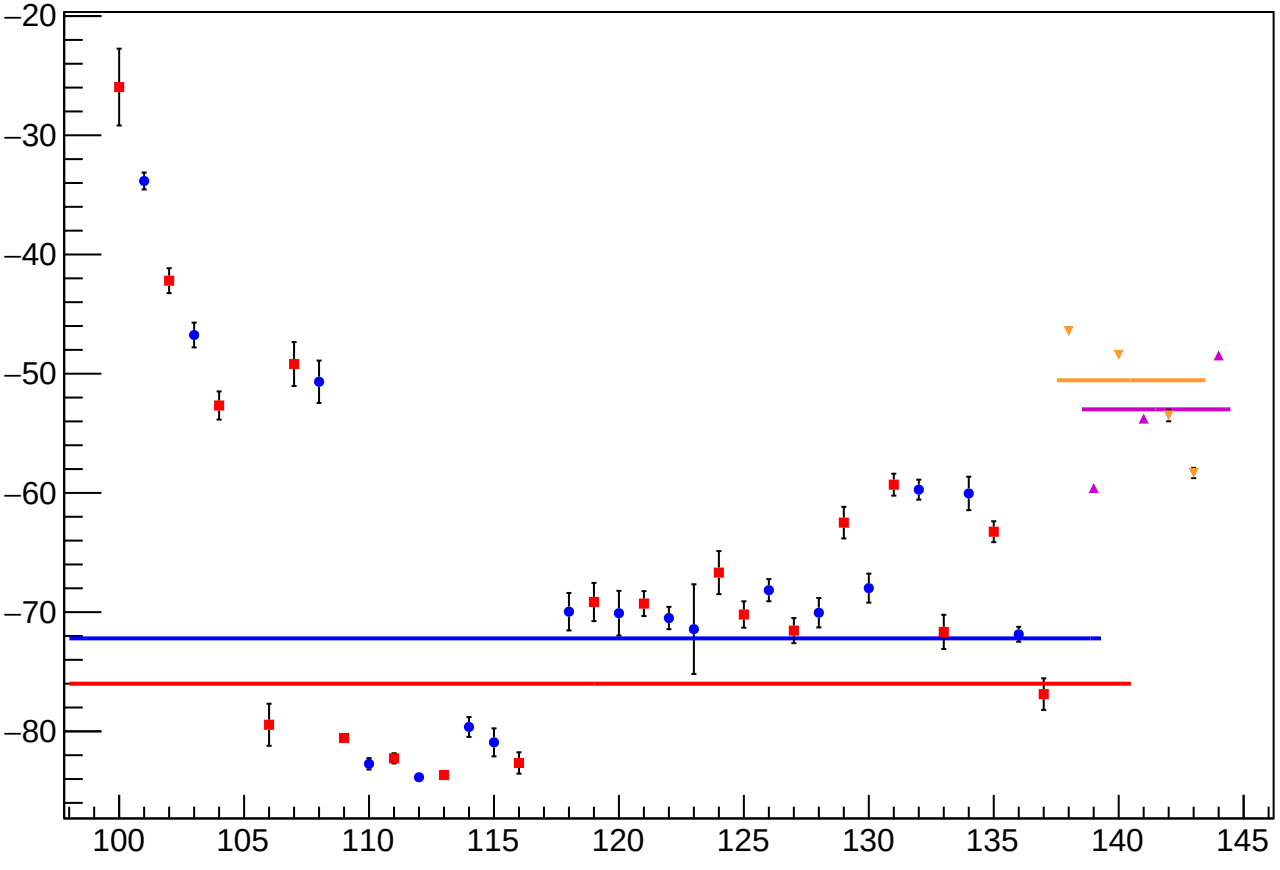
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 11.421+/-0.092 χ^2/NDF:1481.3/19

Out: 12.426+/-0.089 χ^2/NDF:1380.1/22

All: 11.944+/-0.064 χ^2/NDF: 2923.2/42

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -50.551+/-0.189 χ^2/NDF:542.0/3

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -52.989+/-0.195 χ^2/NDF:514.1/2

Left: -51.729+/-0.136 χ^2/NDF: 1136.7/6

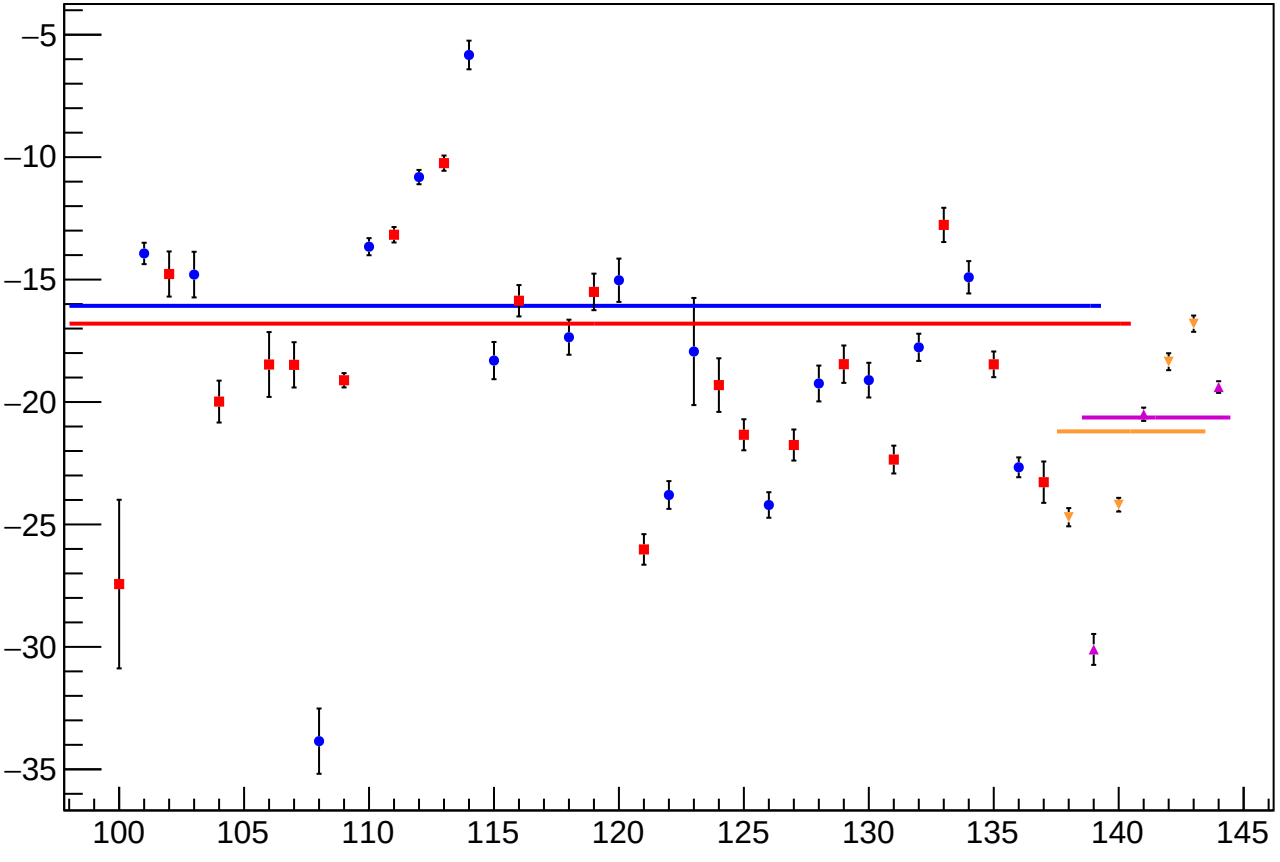
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -62.472+/-0.139 χ^2/NDF:10863.4/19

Out: -63.810+/-0.131 χ^2/NDF:13487.1/22

All: -63.182+/-0.095 χ^2/NDF: 24399.7/42

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -21.199+/-0.164 χ^2/NDF:445.2/3

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -20.632+/-0.172 χ^2/NDF:252.3/2

Left: -20.930+/-0.119 χ^2/NDF: 703.2/6

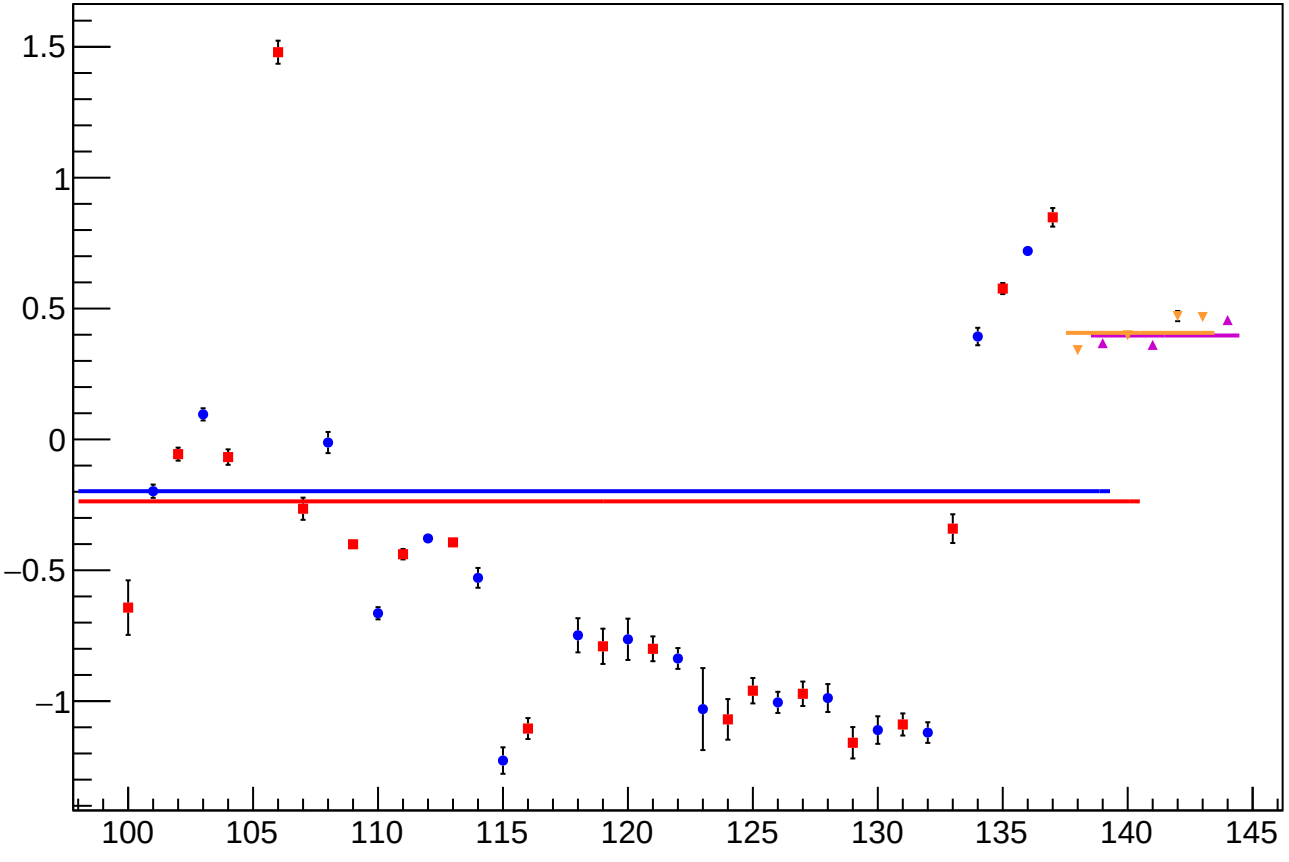
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -17.760+/-0.105 χ^2/NDF:2334.1/19

Out: -18.472+/-0.101 χ^2/NDF:2109.2/22

All: -18.130+/-0.073 χ^2/NDF: 4467.3/42

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.407+/-0.008 χ^2/NDF:44.5/3

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.397+/-0.008 χ^2/NDF:31.6/2

Left: 0.402+/-0.006 χ^2/NDF: 76.9/6

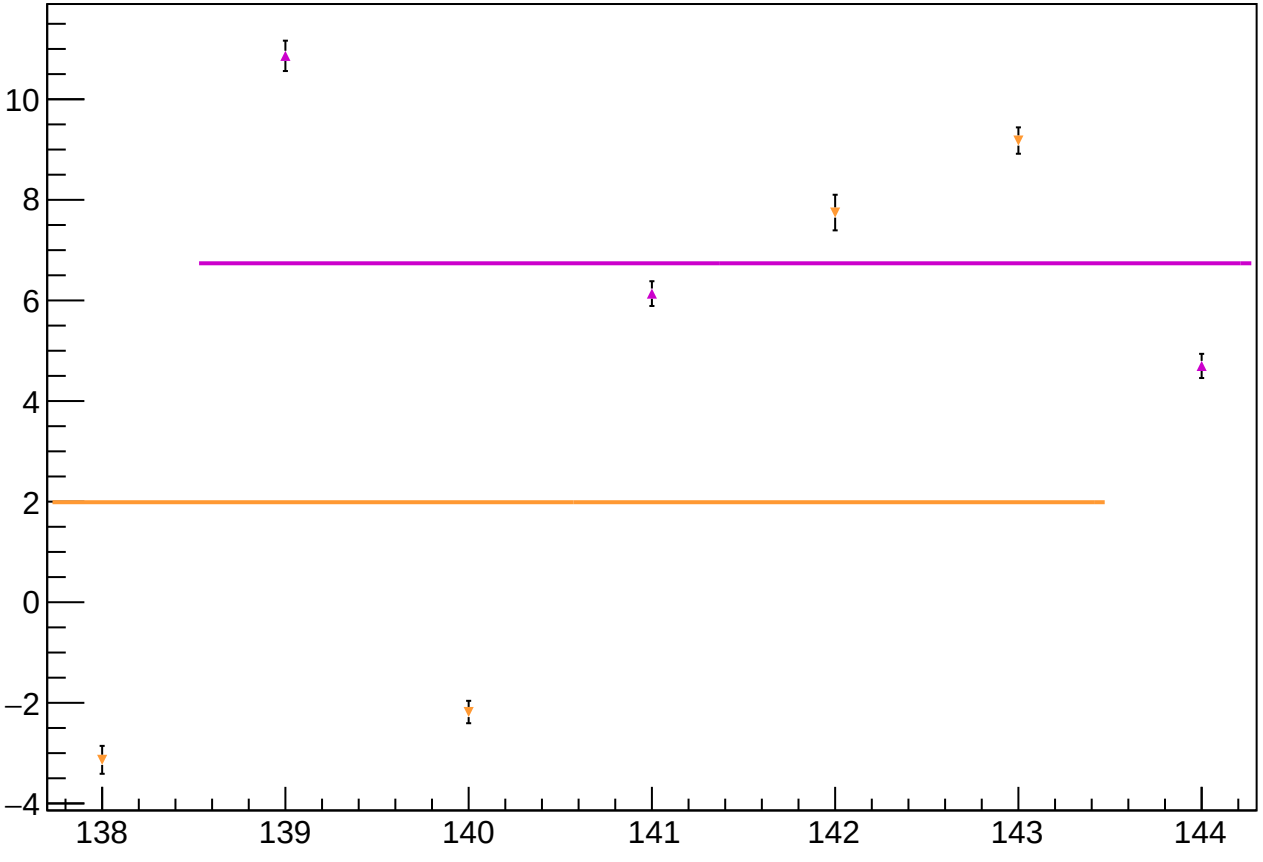
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.089+/-0.005 χ^2/NDF:9375.3/19

Out: 0.059+/-0.005 χ^2/NDF:9963.8/22

All: 0.073+/-0.004 χ^2/NDF: 19355.3/42

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 1.988+/-0.134 χ^2/NDF:1708.3/3

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

Left In: 6.739+/-0.149 χ^2/NDF:264.8/2

Left: 4.106+/-0.100 χ^2/NDF: 2533.1/6

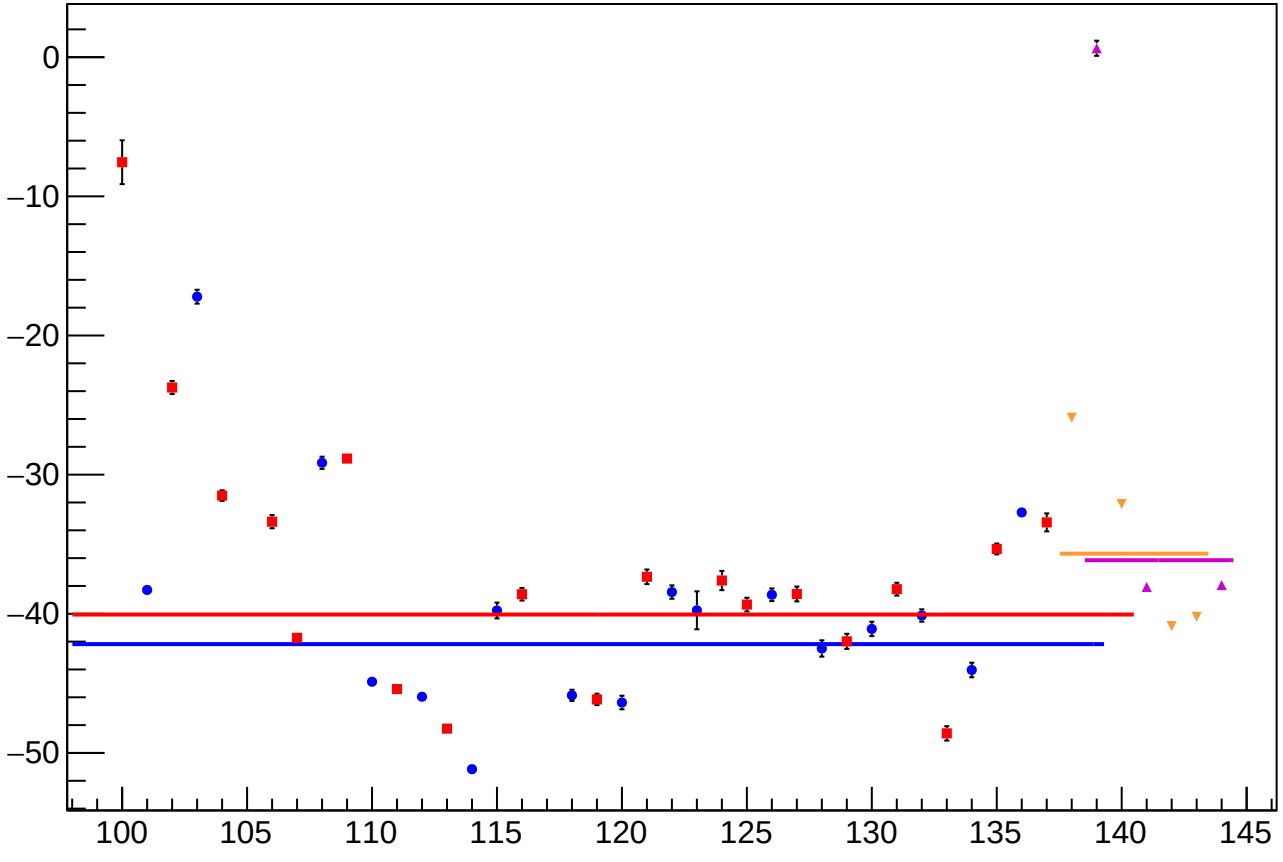
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 6.739+/-0.149 χ^2/NDF:264.8/2

Out: 1.988+/-0.134 χ^2/NDF:1708.3/3

All: 4.106+/-0.100 χ^2/NDF: 2533.1/6

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -35.678+/-0.103 χ^2/NDF:2882.1/3

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -36.149+/-0.119 χ^2/NDF:4794.2/2

Left: -35.878+/-0.078 χ^2/NDF: 7685.3/6

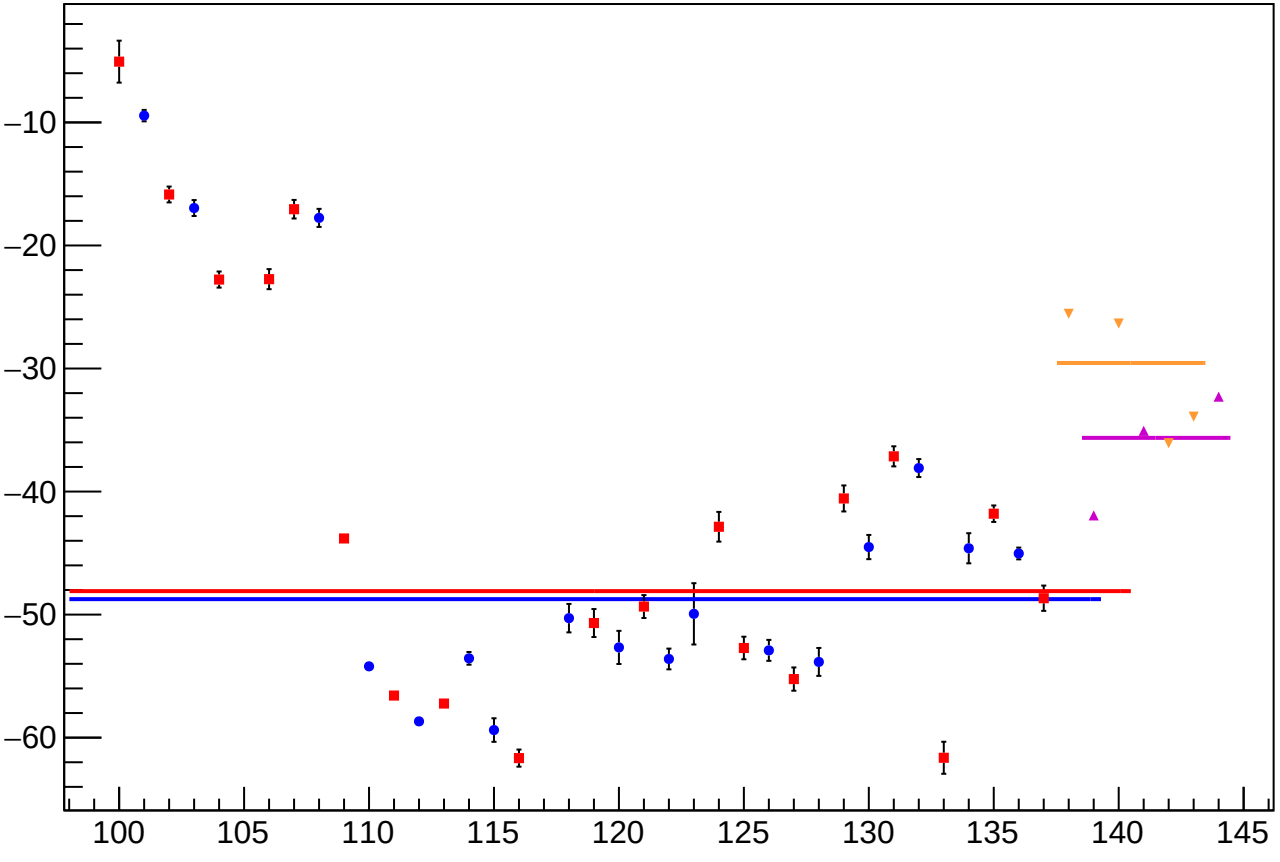
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -40.381+/-0.065 χ^2/NDF:13160.8/19

Out: -38.587+/-0.059 χ^2/NDF:15405.4/22

All: -39.401+/-0.044 χ^2/NDF: 28980.3/42

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -29.549+/-0.143 χ^2/NDF:898.6/3

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -35.636+/-0.160 χ^2/NDF:546.1/2

Left: -32.263+/-0.107 χ^2/NDF: 2246.9/6

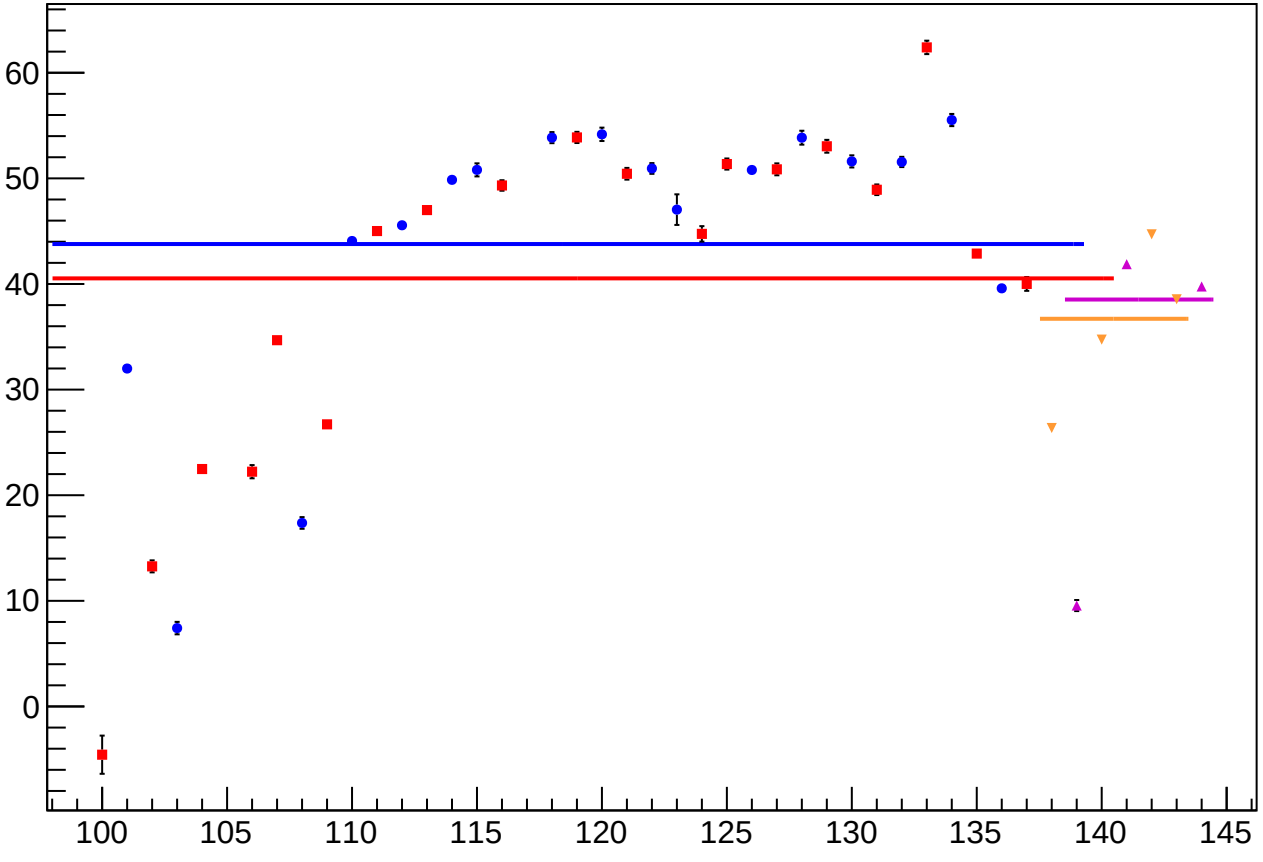
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -43.803+/-0.098 χ^2/NDF:19386.9/19

Out: -41.447+/-0.086 χ^2/NDF:23345.3/22

All: -42.468+/-0.065 χ^2/NDF: 43058.1/42

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 36.705+/-0.123 χ^2/NDF:2132.9/3

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 38.529+/-0.141 χ^2/NDF:3343.6/2

Left: 37.494+/-0.093 χ^2/NDF: 5571.7/6

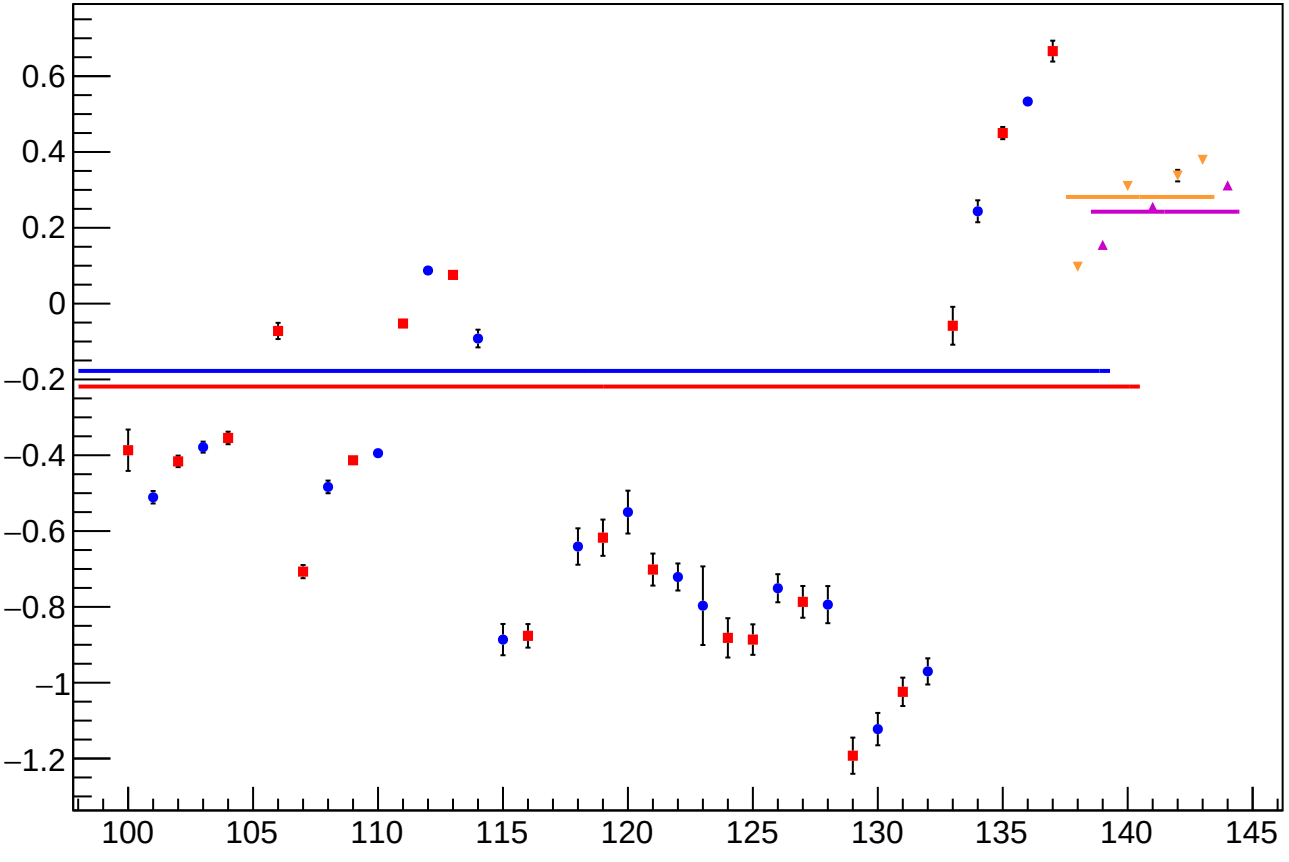
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 42.340+/-0.074 χ^2/NDF:14992.1/19

Out: 39.389+/-0.067 χ^2/NDF:20393.0/22

All: 40.726+/-0.050 χ^2/NDF: 36260.2/42

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.281+/-0.006 χ^2/NDF:335.1/3

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.242+/-0.006 χ^2/NDF:97.5/2

Left: 0.263+/-0.004 χ^2/NDF: 452.6/6

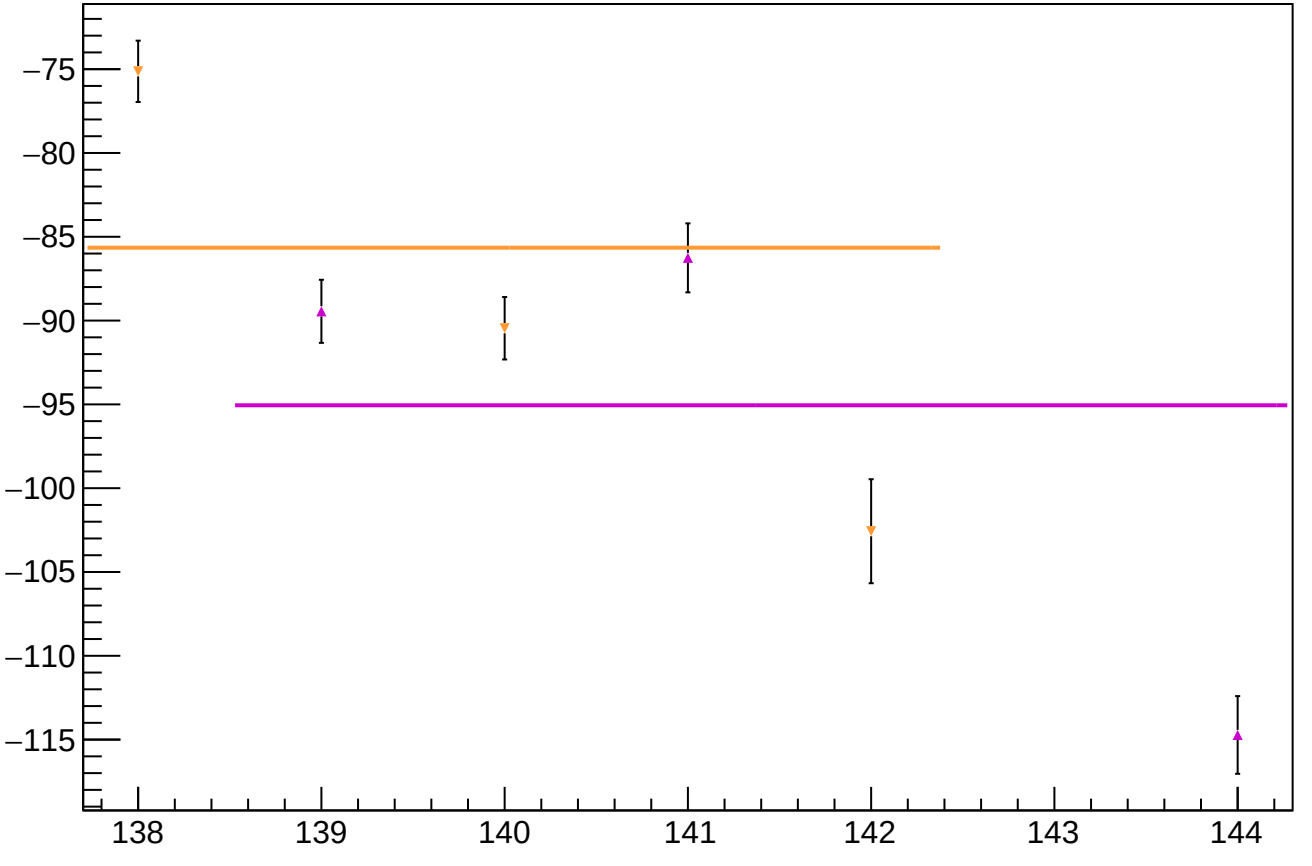
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: -0.025+/-0.004 χ^2/NDF:10217.1/19

Out: -0.046+/-0.003 χ^2/NDF:12489.6/22

All: -0.036+/-0.003 χ^2/NDF: 22722.7/42

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -85.651+/-1.203 χ^2/NDF:69.4/2

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

Left In: -95.053+/-1.191 χ^2/NDF:99.2/2

Left: -90.400+/-0.847 χ^2/NDF: 199.5/5

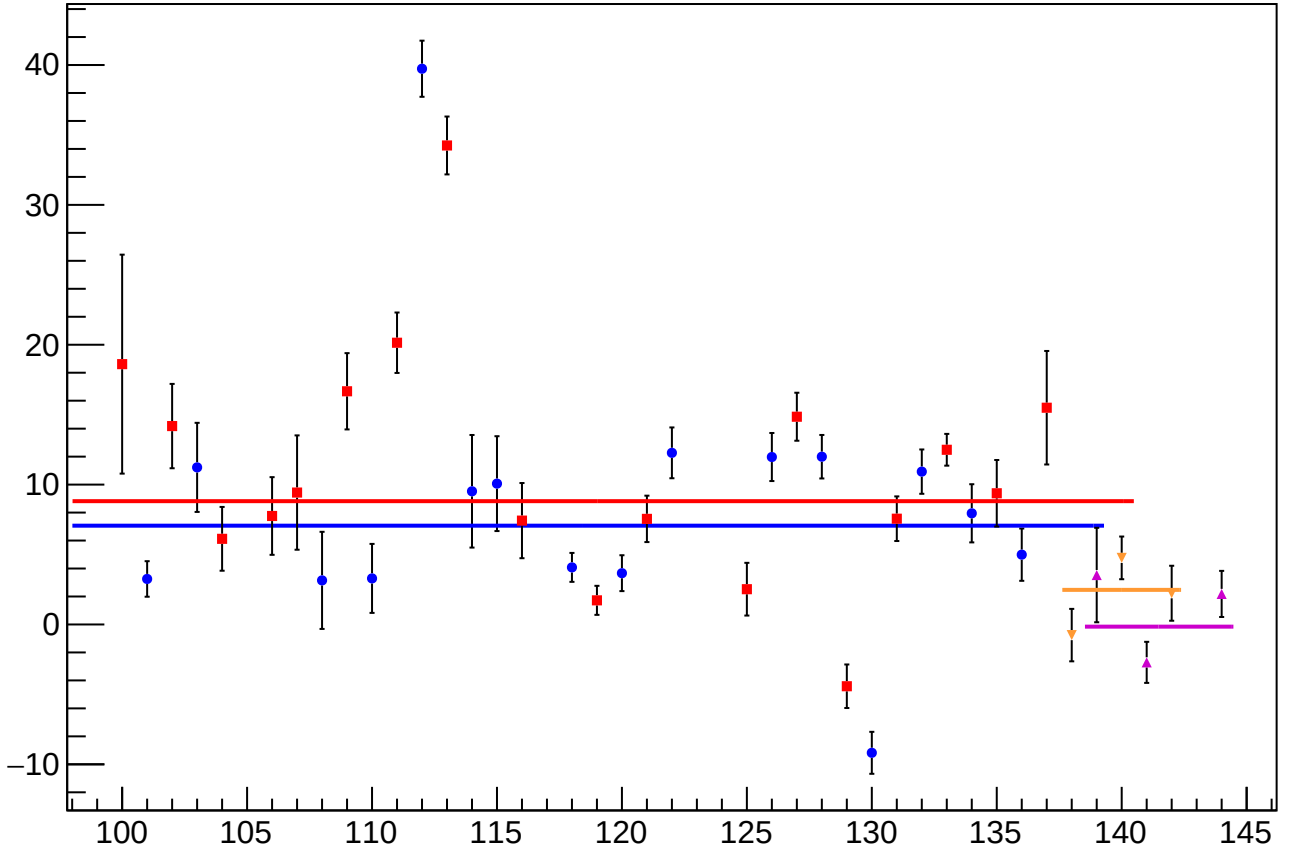
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -95.053+/-1.191 χ^2/NDF:99.2/2

Out: -85.651+/-1.203 χ^2/NDF:69.4/2

All: -90.400+/-0.847 χ^2/NDF: 199.5/5

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.474+/-1.014 χ^2/NDF:5.2/2

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: -0.156+/-1.043 χ^2/NDF:6.2/2

Left: 1.196+/-0.727 χ^2/NDF: 14.7/5

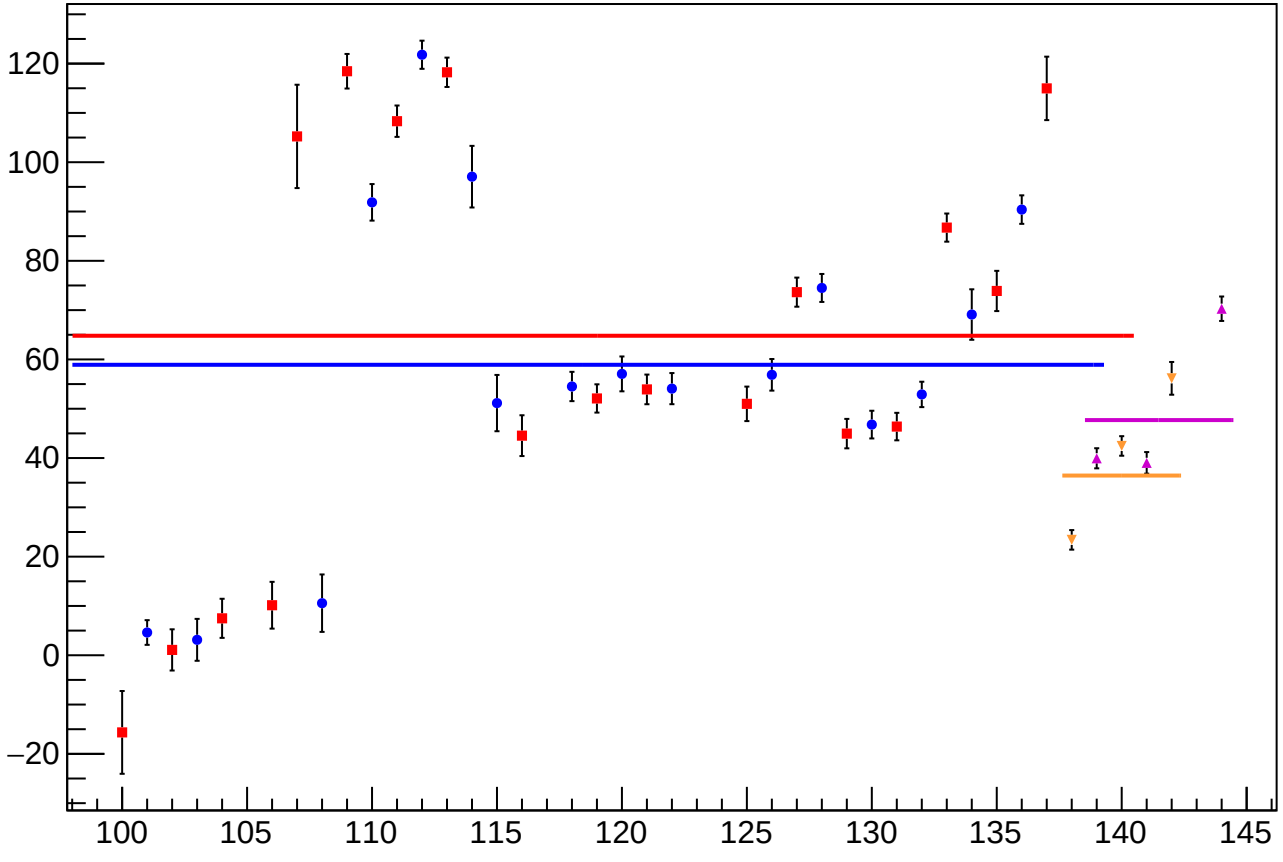
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 5.999+/-0.400 χ^2/NDF:494.0/18

Out: 7.776+/-0.411 χ^2/NDF:388.3/20

All: 6.865+/-0.287 χ^2/NDF: 891.9/39

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 36.447+/-1.292 χ^2/NDF:87.6/2

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 47.699+/-1.278 χ^2/NDF:113.2/2

Left: 42.136+/-0.909 χ^2/NDF: 239.2/5

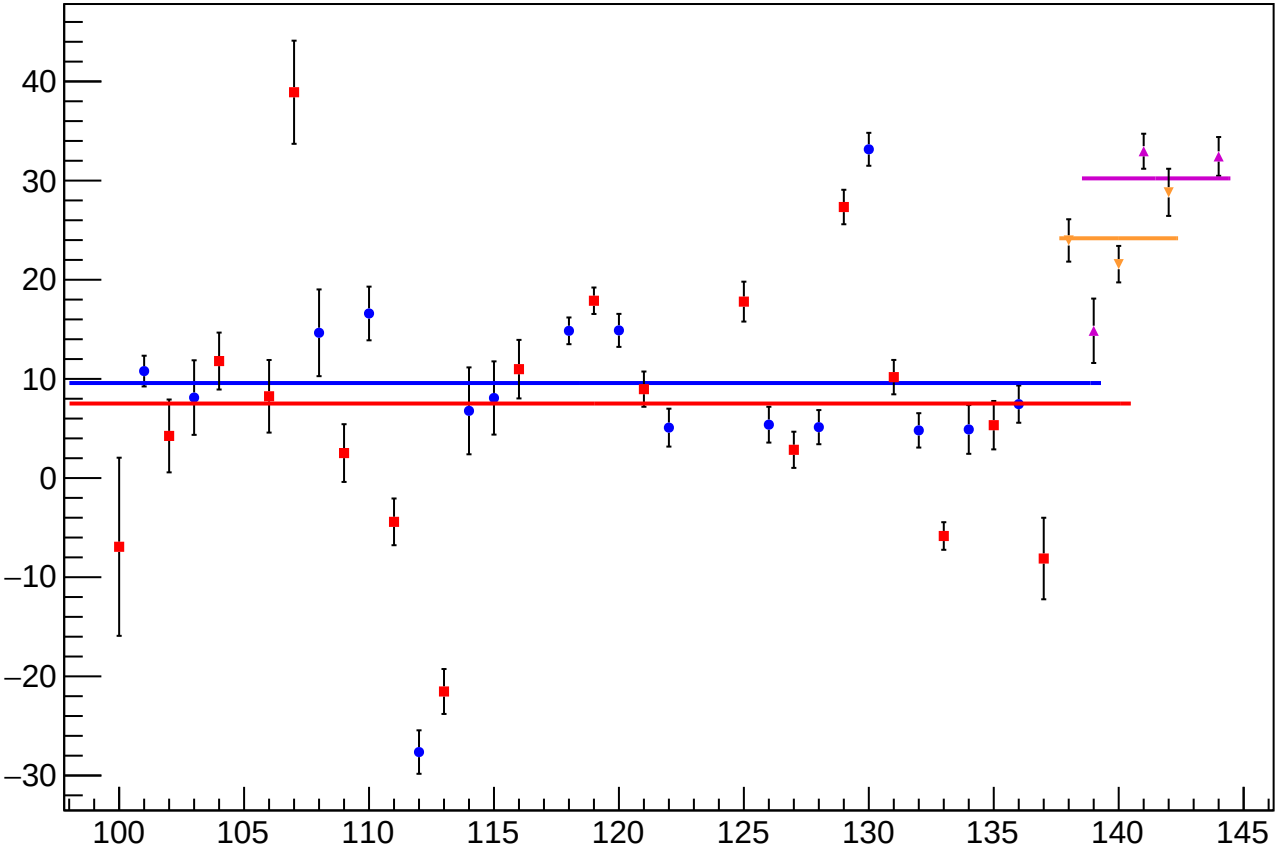
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 55.578+/-0.697 χ^2/NDF:1664.0/18

Out: 56.377+/-0.704 χ^2/NDF:2144.2/20

All: 55.973+/-0.495 χ^2/NDF: 3808.8/39

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 24.183+/-1.203 χ^2/NDF:5.8/2

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 30.223+/-1.216 χ^2/NDF:26.1/2

Left: 27.171+/-0.855 χ^2/NDF: 44.4/5

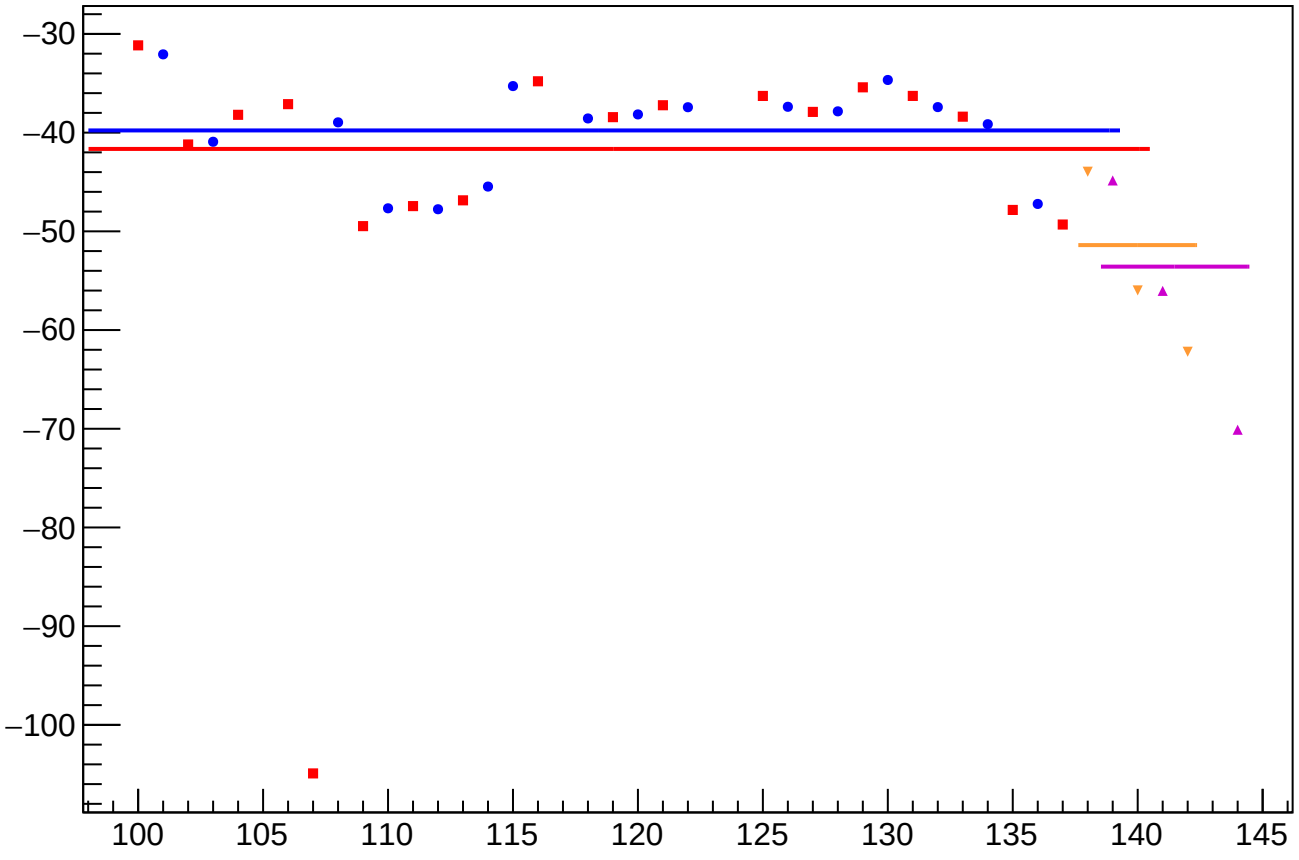
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 12.581+/-0.463 χ^2/NDF:826.9/18

Out: 10.104+/-0.474 χ^2/NDF:737.8/20

All: 11.371+/-0.331 χ^2/NDF: 1578.8/39

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -51.394+/-0.053 χ^2/NDF:18446.1/2

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -53.575+/-0.049 χ^2/NDF:38804.2/2

Left: -52.563+/-0.036 χ^2/NDF: 58151.9/5

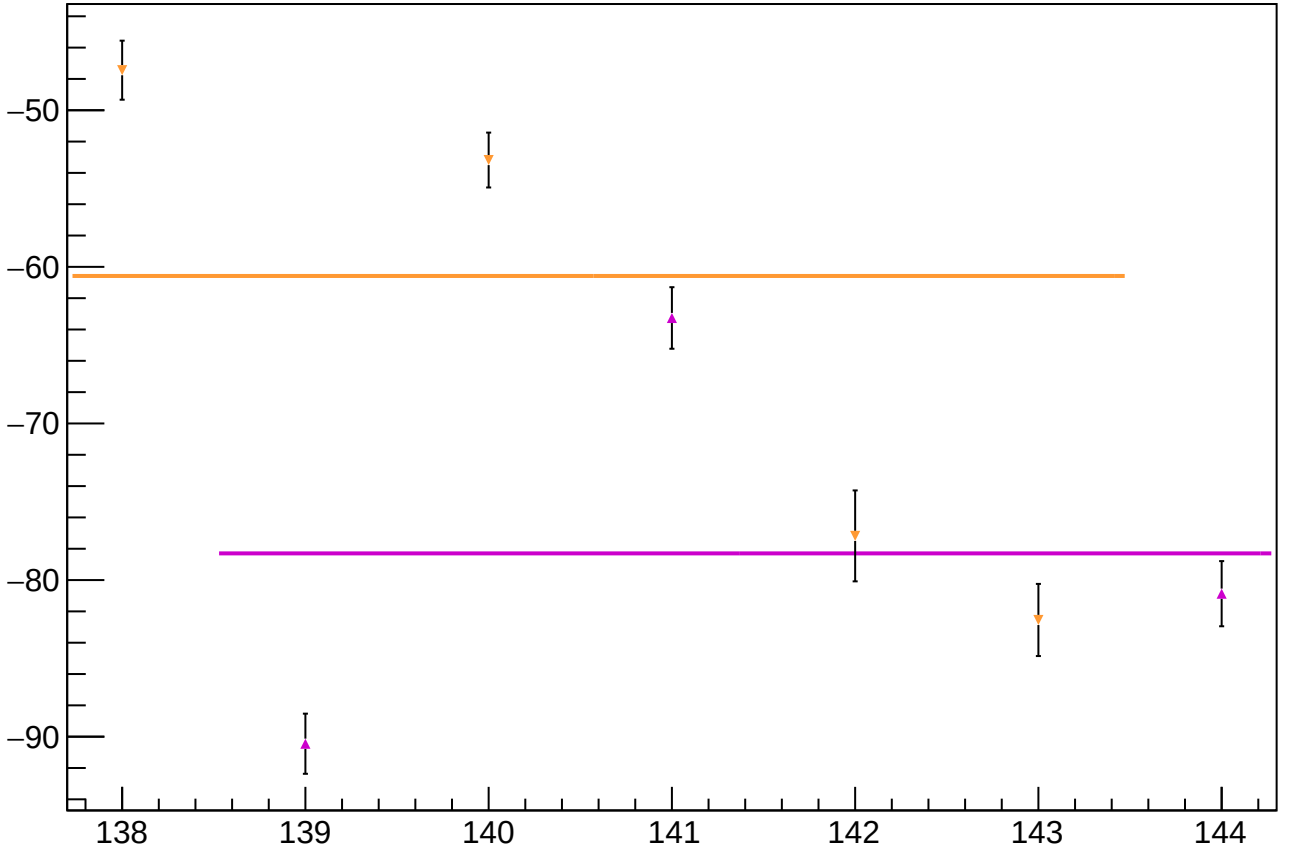
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -43.677+/-0.026 χ^2/NDF:120728.4/18

Out: -44.145+/-0.027 χ^2/NDF:137882.0/20

All: -43.906+/-0.019 χ^2/NDF: 258764.8/39

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -60.582+/-1.046 χ^2/NDF:190.1/3

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

Left In: -78.296+/-1.146 χ^2/NDF:100.1/2

Left: -68.629+/-0.773 χ^2/NDF: 420.5/6

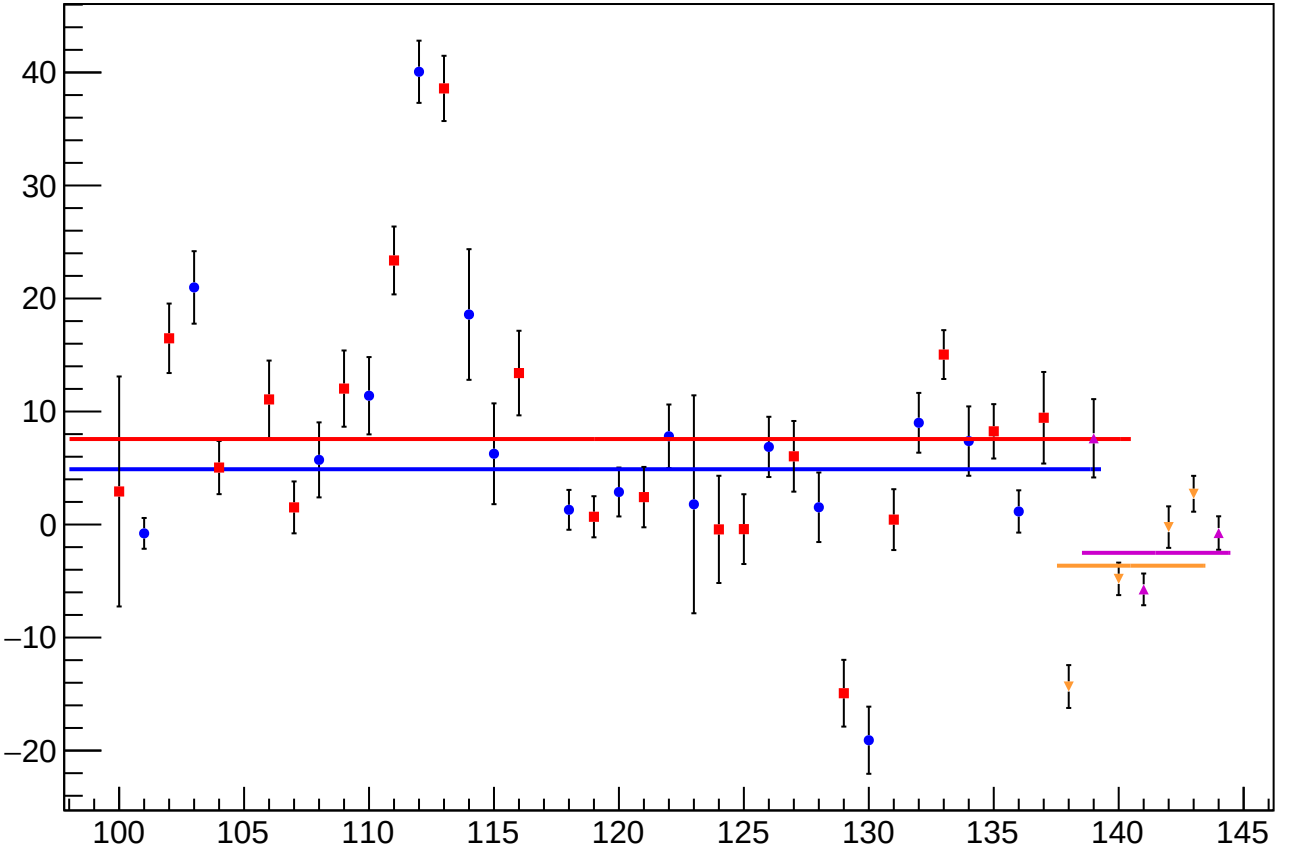
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -78.296+/-1.146 χ^2/NDF:100.1/2

Out: -60.582+/-1.046 χ^2/NDF:190.1/3

All: -68.629+/-0.773 χ^2/NDF: 420.5/6

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: -3.642+/-0.829 χ^2/NDF:52.0/3

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: -2.504+/-0.977 χ^2/NDF:15.3/2

Left: -3.166+/-0.632 χ^2/NDF: 68.0/6

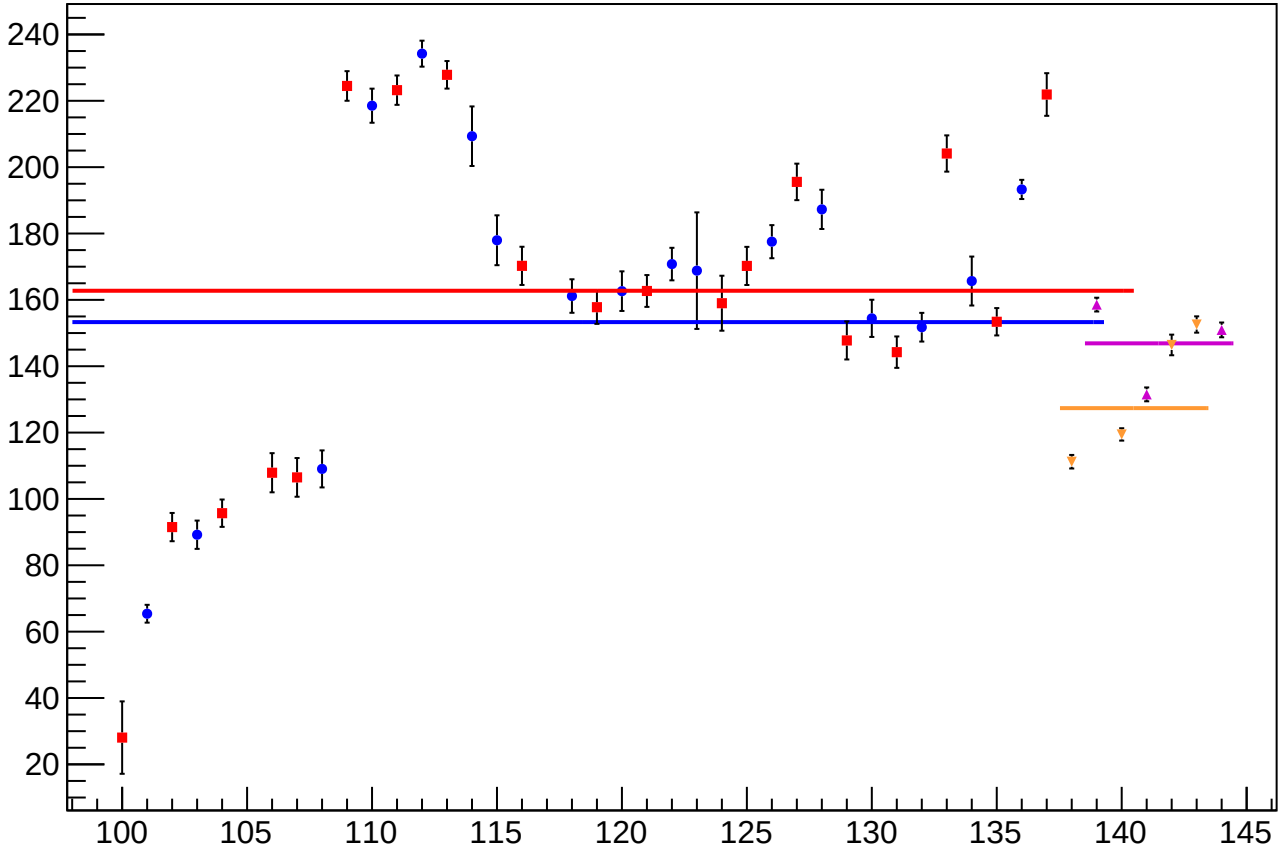
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 2.765+/-0.524 χ^2/NDF:351.4/19

Out: 3.285+/-0.512 χ^2/NDF:435.2/22

All: 3.031+/-0.366 χ^2/NDF: 787.1/42

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 127.366+/-1.121 χ^2/NDF:223.3/3

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 146.893+/-1.229 χ^2/NDF:89.1/2

Left: 136.236+/-0.828 χ^2/NDF: 450.1/6

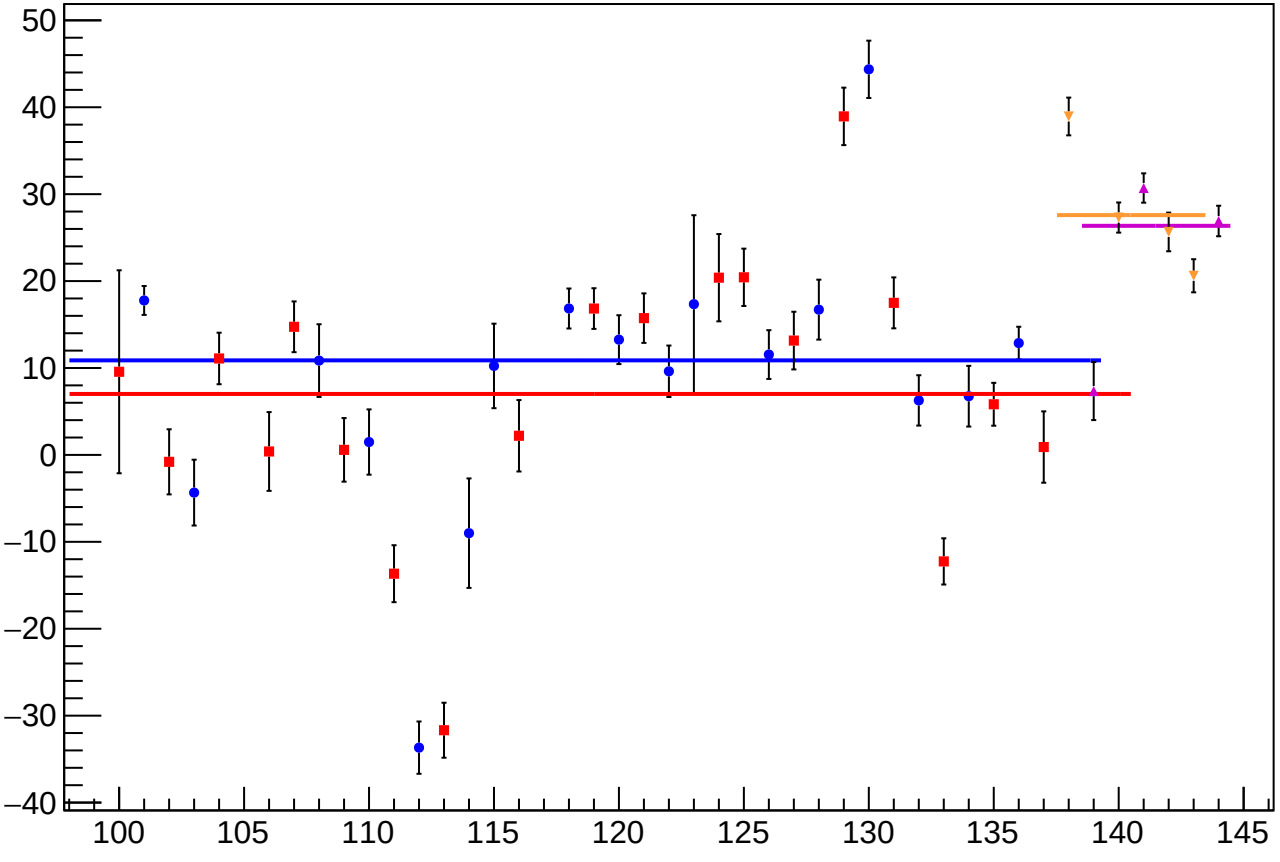
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 150.322+/-0.838 χ^2/NDF:2370.4/19

Out: 144.200+/-0.812 χ^2/NDF:2405.9/22

All: 147.165+/-0.583 χ^2/NDF: 4803.9/42

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 27.590+/-0.989 χ^2/NDF:41.5/3

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 26.358+/-1.143 χ^2/NDF:39.2/2

Left: 27.063+/-0.748 χ^2/NDF: 81.4/6

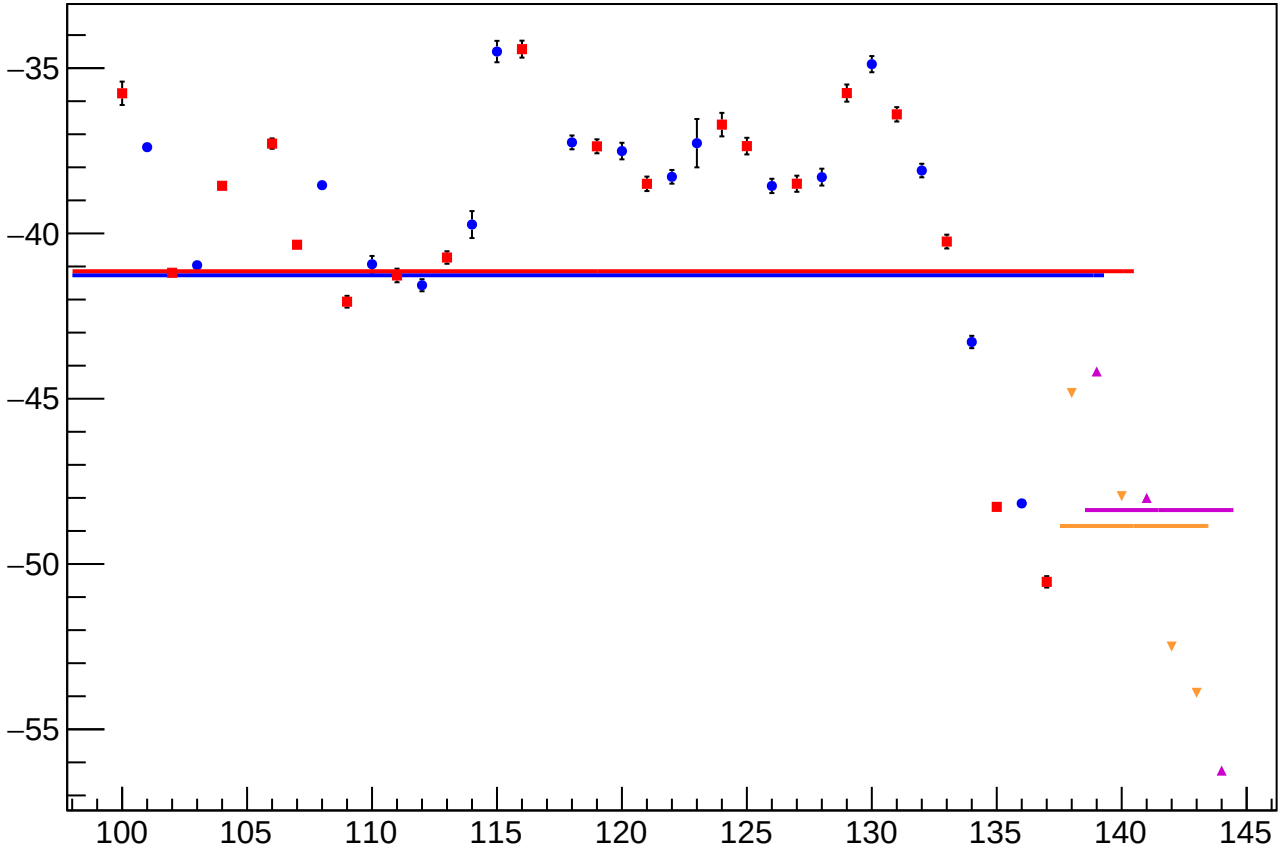
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 15.216+/-0.605 χ^2/NDF:559.2/19

Out: 14.504+/-0.597 χ^2/NDF:741.5/22

All: 14.855+/-0.425 χ^2/NDF: 1301.4/42

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -48.849+/-0.046 χ^2/NDF:6073.4/3

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -48.368+/-0.048 χ^2/NDF:9843.3/2

Left: -48.619+/-0.033 χ^2/NDF: 15968.8/6

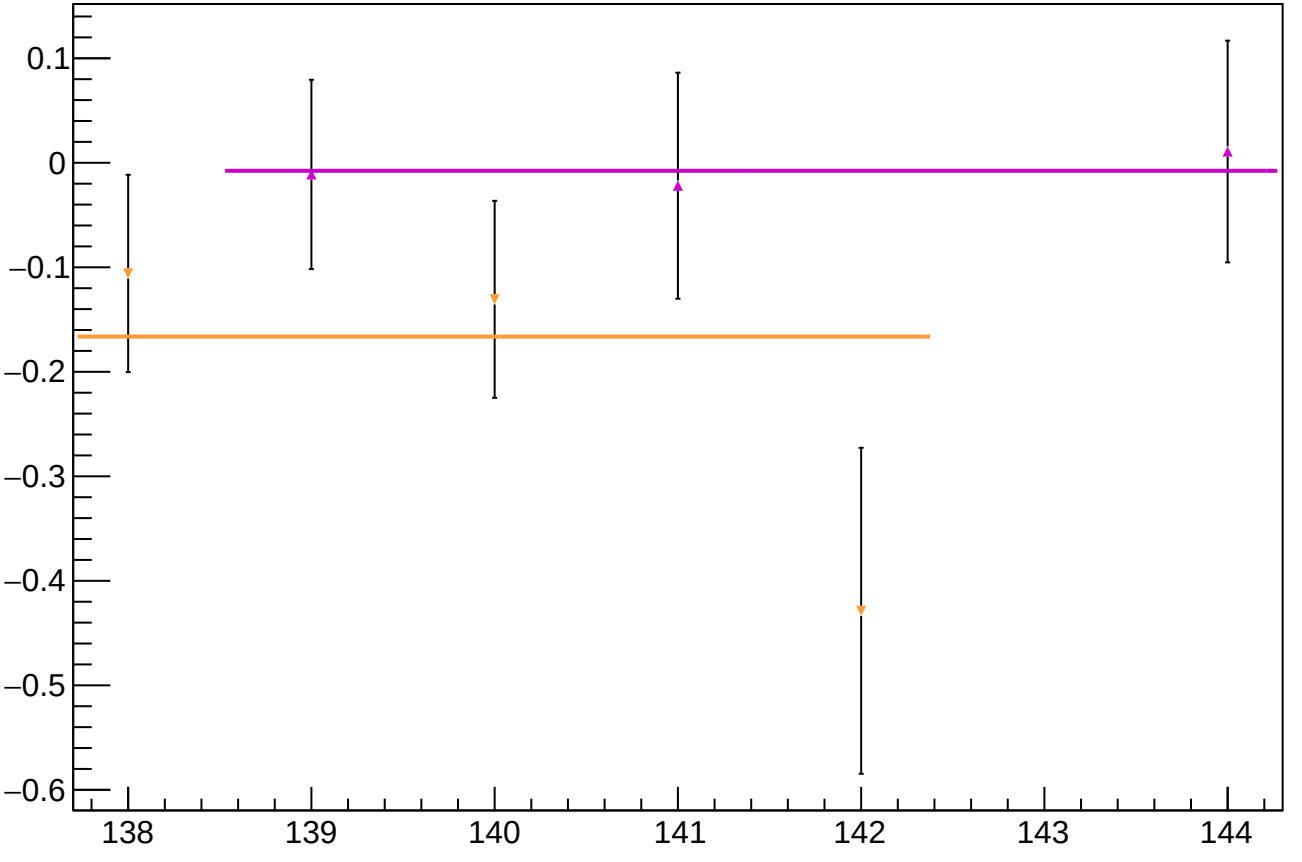
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -44.036+/-0.030 χ^2/NDF:35693.7/19

Out: -44.322+/-0.030 χ^2/NDF:34714.8/22

All: -44.181+/-0.021 χ^2/NDF: 70454.7/42

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.166+/-0.061 χ^2/NDF:3.4/2

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

Left In: -0.008+/-0.058 χ^2/NDF:0.0/2

Left: -0.083+/-0.042 χ^2/NDF: 7.0/5

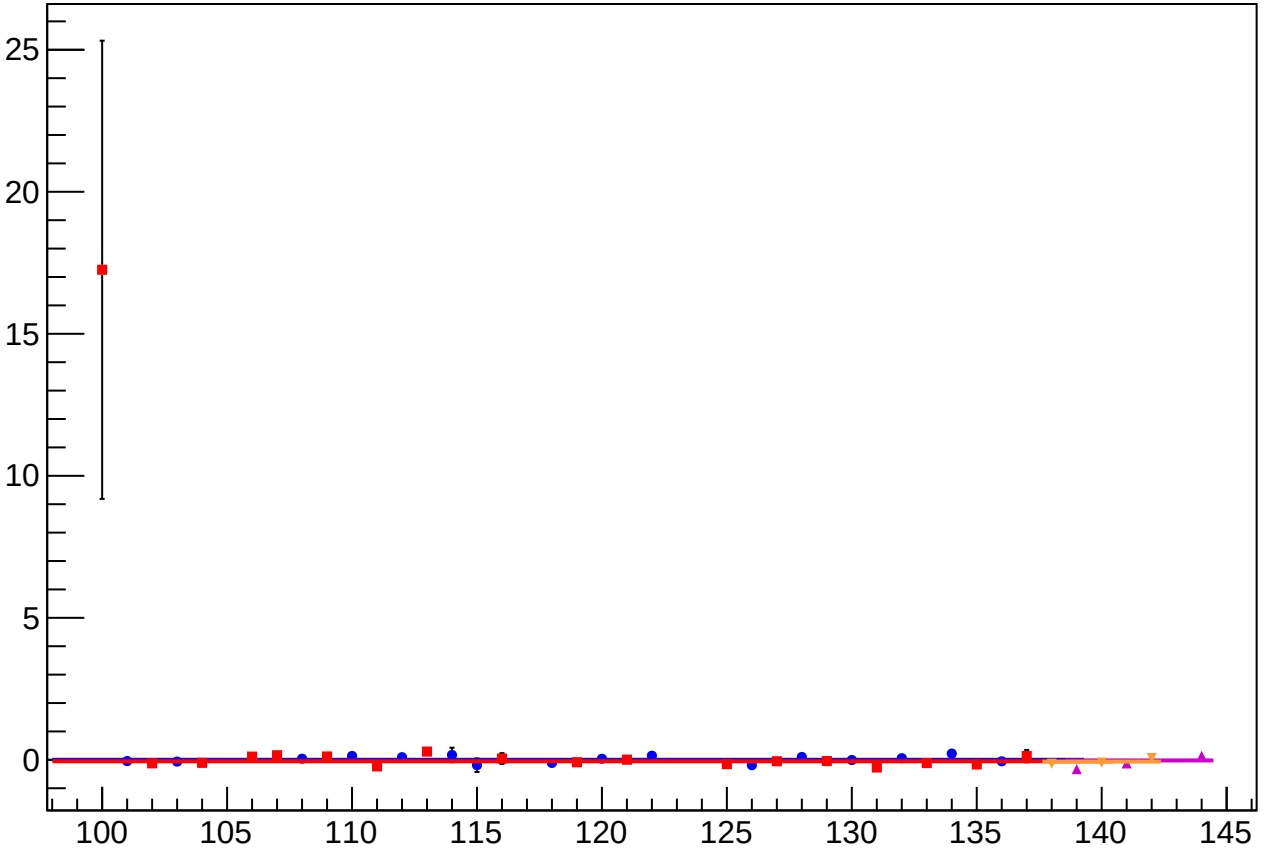
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.008+/-0.058 χ^2/NDF:0.0/2

Out: -0.166+/-0.061 χ^2/NDF:3.4/2

All: -0.083+/-0.042 χ^2/NDF: 7.0/5

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.062+/-0.052 χ^2/NDF:2.3/2

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.021+/-0.052 χ^2/NDF:10.1/2

Left: -0.041+/-0.037 χ^2/NDF: 12.7/5

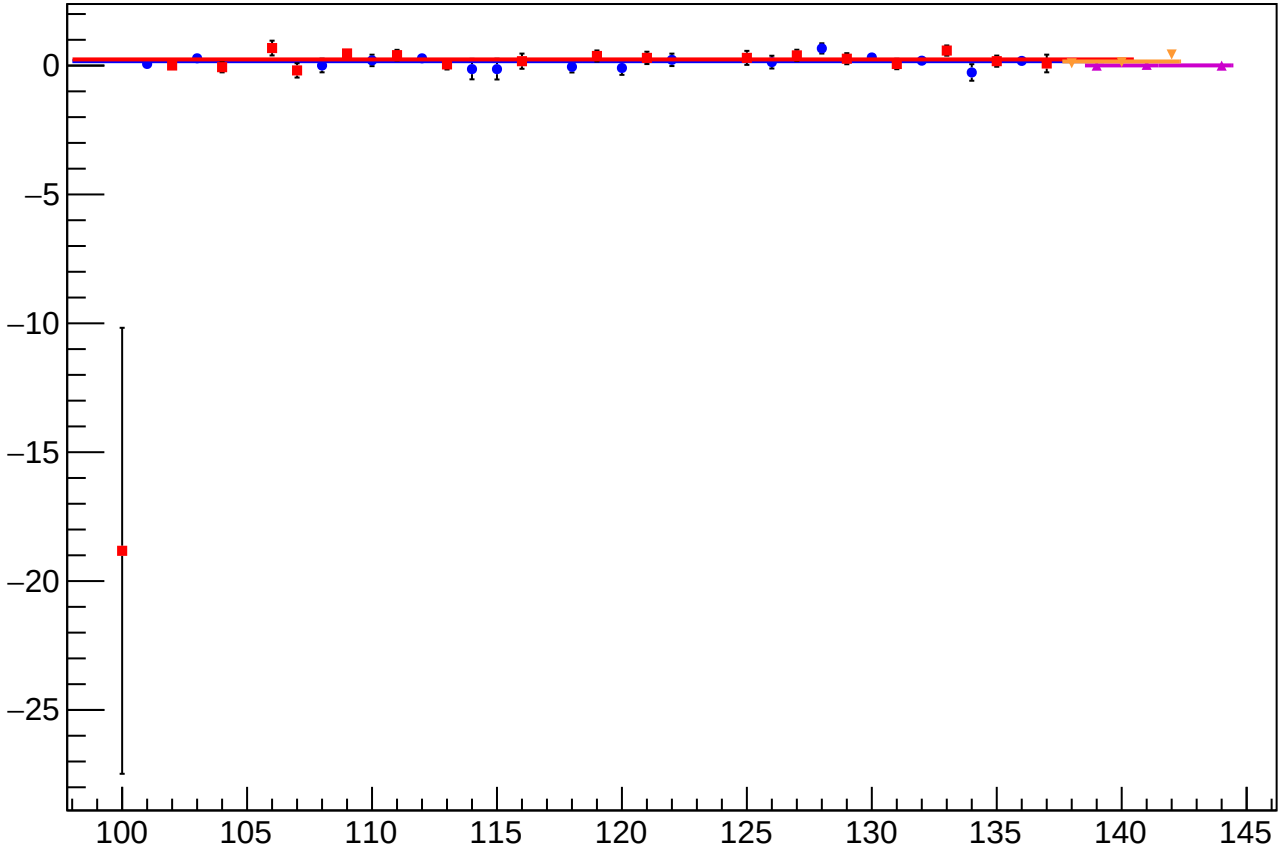
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.004+/-0.025 χ^2/NDF:22.8/18

Out: -0.054+/-0.026 χ^2/NDF:28.2/20

All: -0.028+/-0.018 χ^2/NDF: 52.9/39

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.159+/-0.066 χ^2/NDF:3.2/2

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.007+/-0.062 χ^2/NDF:0.0/2

Left: 0.079+/-0.045 χ^2/NDF: 6.1/5

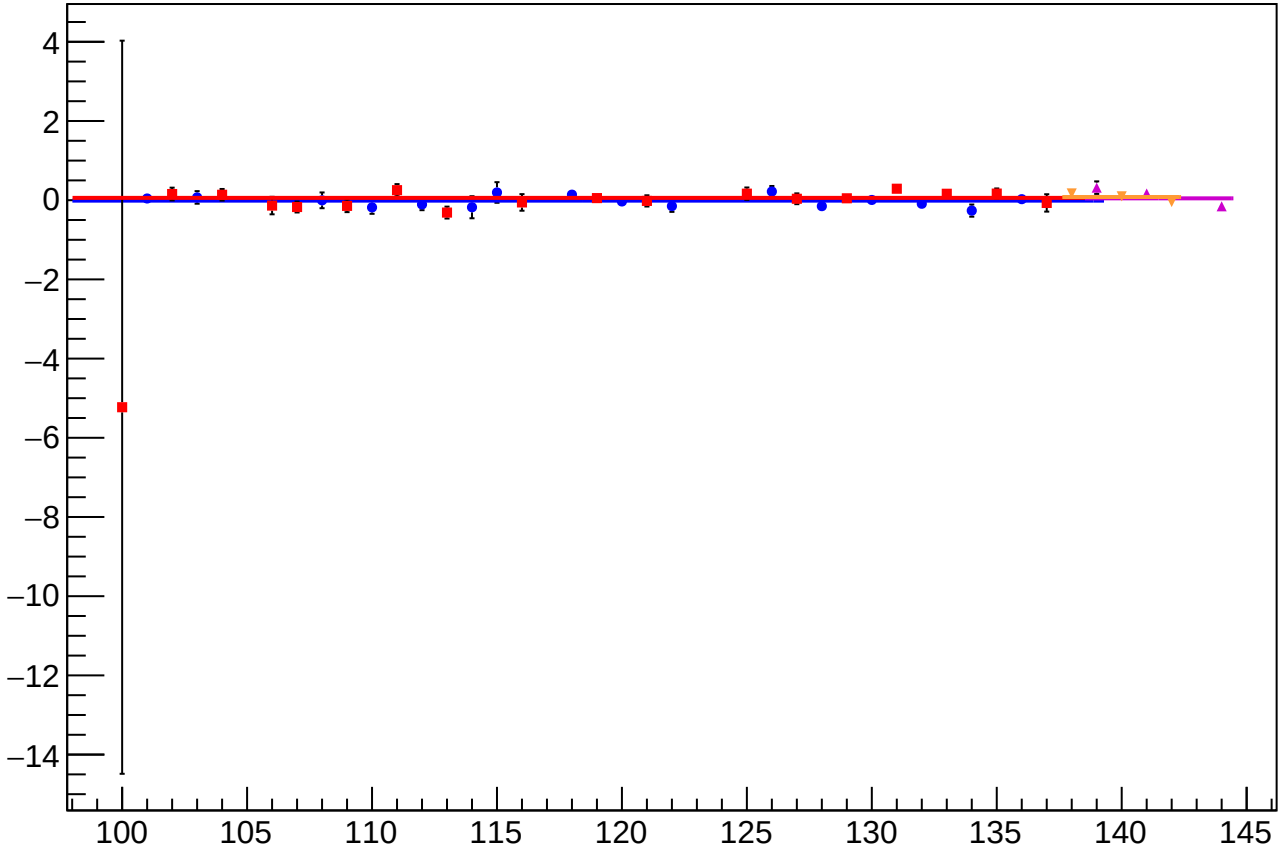
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.103+/-0.040 χ^2/NDF:17.8/18

Out: 0.207+/-0.042 χ^2/NDF:25.9/20

All: 0.153+/-0.029 χ^2/NDF: 46.9/39

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.080+/-0.062 χ^2/NDF:1.8/2

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.047+/-0.060 χ^2/NDF:9.7/2

Left: 0.063+/-0.043 χ^2/NDF: 11.6/5

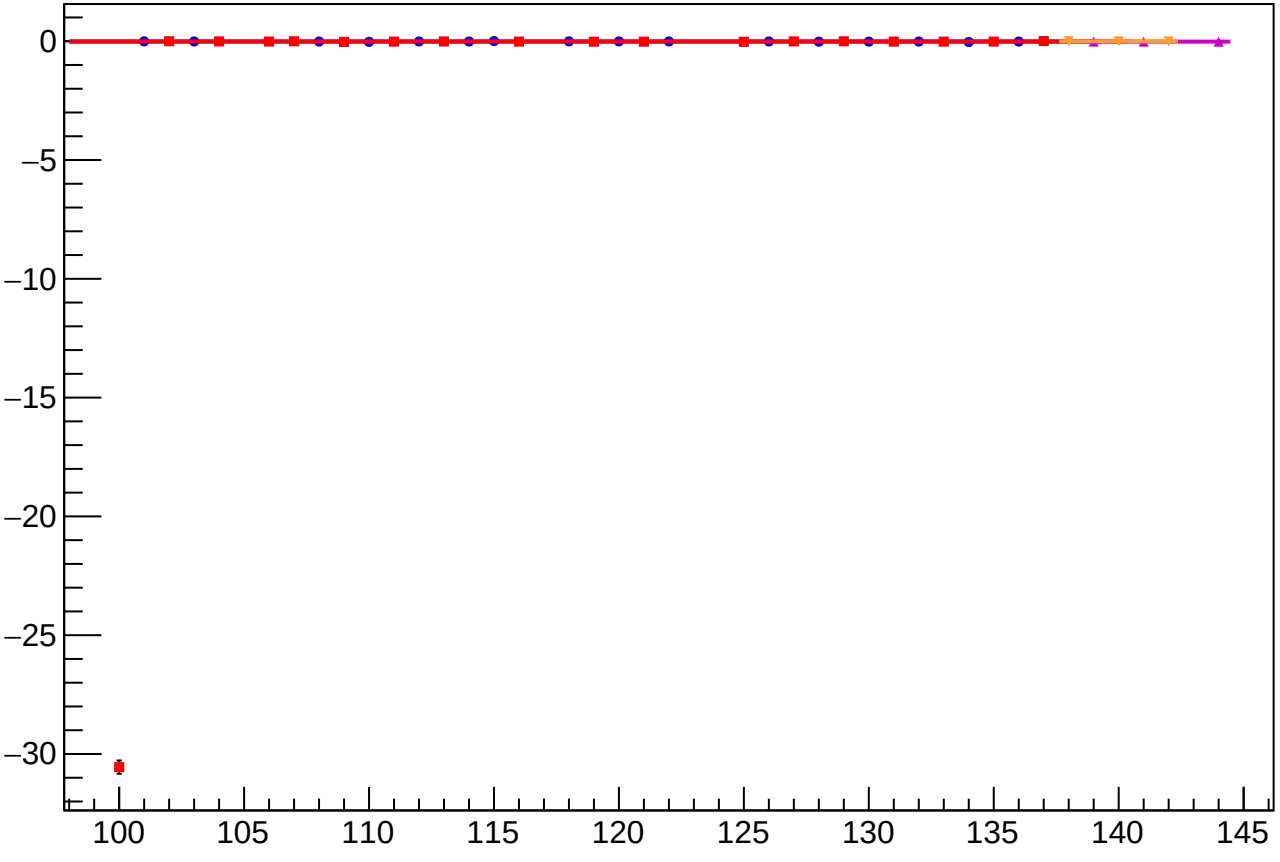
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.002+/-0.029 χ^2/NDF:24.1/18

Out: 0.064+/-0.030 χ^2/NDF:22.5/20

All: 0.032+/-0.021 χ^2/NDF: 48.8/39

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.006+/-0.003 χ^2/NDF:2.5/2

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.017+/-0.002 χ^2/NDF:0.6/2

Left: -0.012+/-0.002 χ^2/NDF: 12.3/5

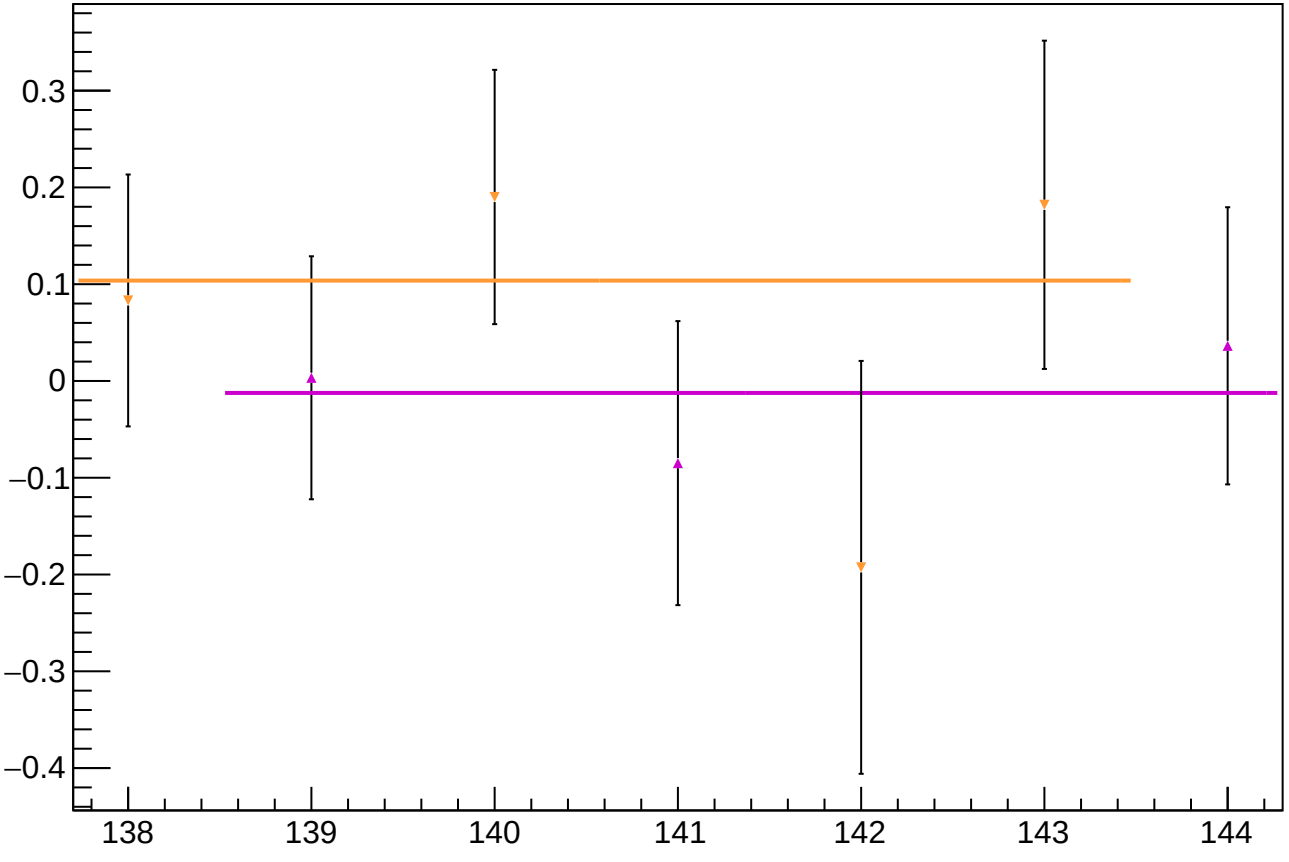
Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.014+/-0.001 χ^2/NDF:16.7/18

Out: -0.010+/-0.001 χ^2/NDF:11897.4/20

All: -0.012+/-0.001 χ^2/NDF: 11916.8/39

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.104+/-0.076 χ^2/NDF:2.6/3

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

Left In: -0.012+/-0.079 χ^2/NDF:0.4/2

Left: 0.048+/-0.055 χ^2/NDF: 4.1/6

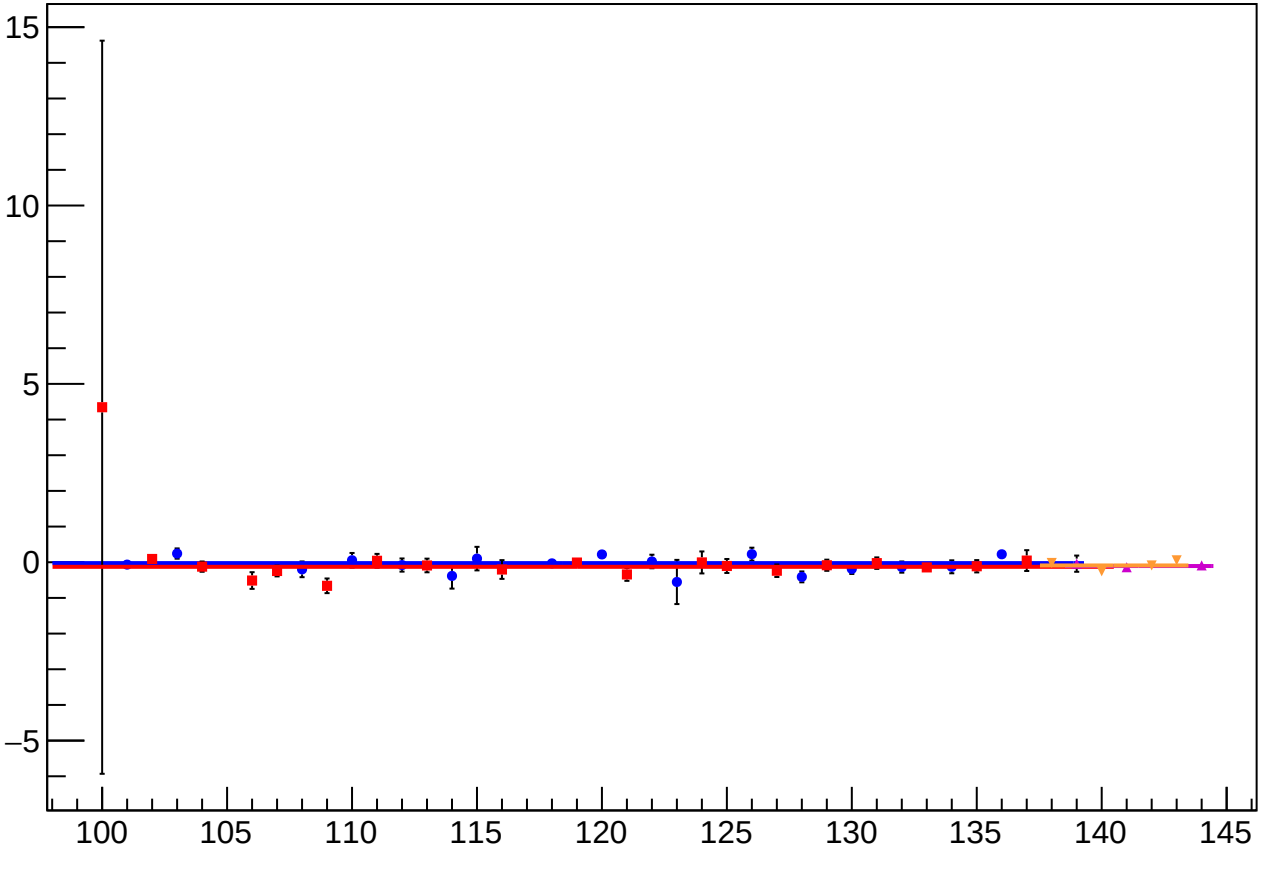
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.012+/-0.079 χ^2/NDF:0.4/2

Out: 0.104+/-0.076 χ^2/NDF:2.6/3

All: 0.048+/-0.055 χ^2/NDF: 4.1/6

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.090+/-0.062 χ^2/NDF:4.0/3

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.106+/-0.070 χ^2/NDF:0.2/2

Left: -0.097+/-0.046 χ^2/NDF: 4.3/6

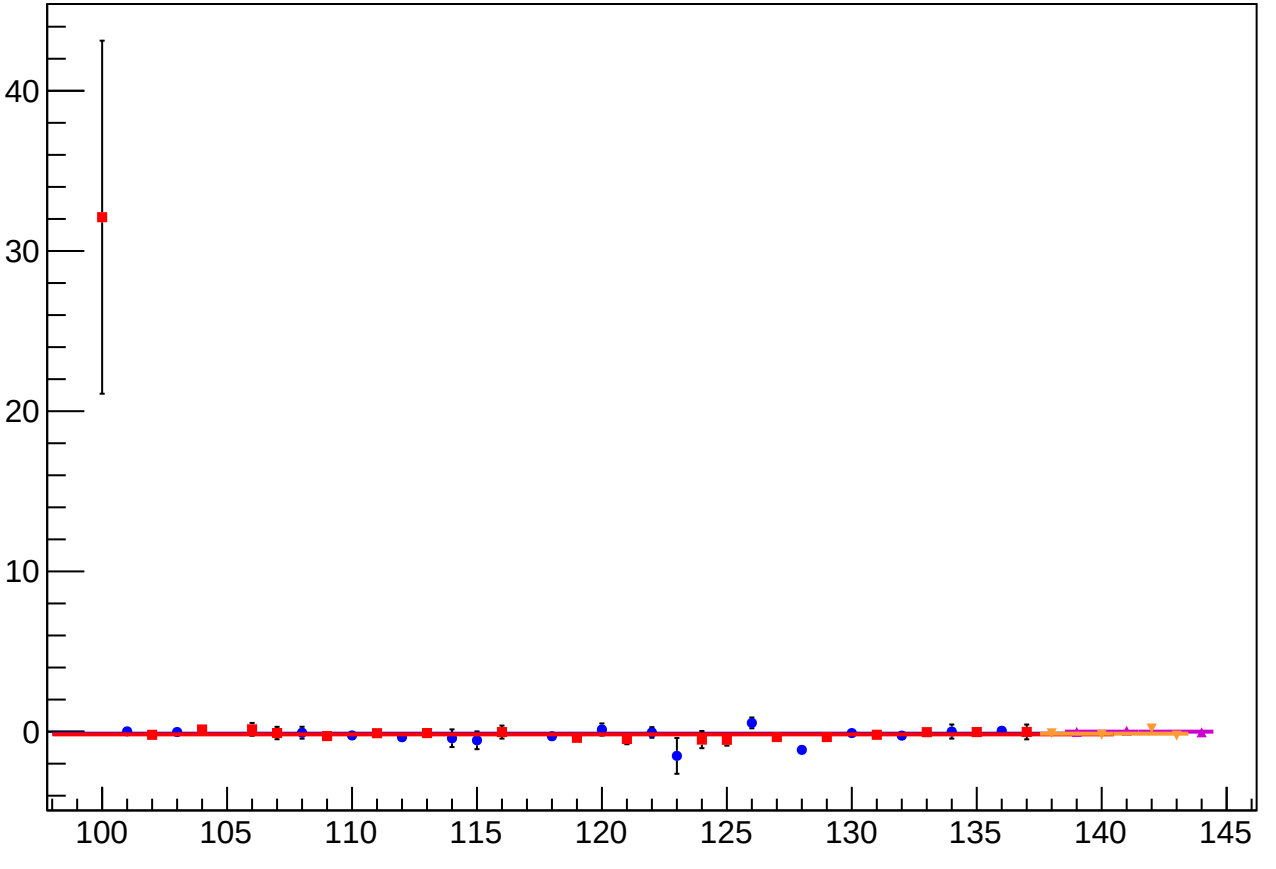
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.042+/-0.032 χ^2/NDF:24.7/19

Out: -0.117+/-0.033 χ^2/NDF:21.9/22

All: -0.079+/-0.023 χ^2/NDF: 49.2/42

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.128+/-0.081 χ^2/NDF:2.7/3

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.002+/-0.085 χ^2/NDF:0.2/2

Left: -0.068+/-0.059 χ^2/NDF: 4.0/6

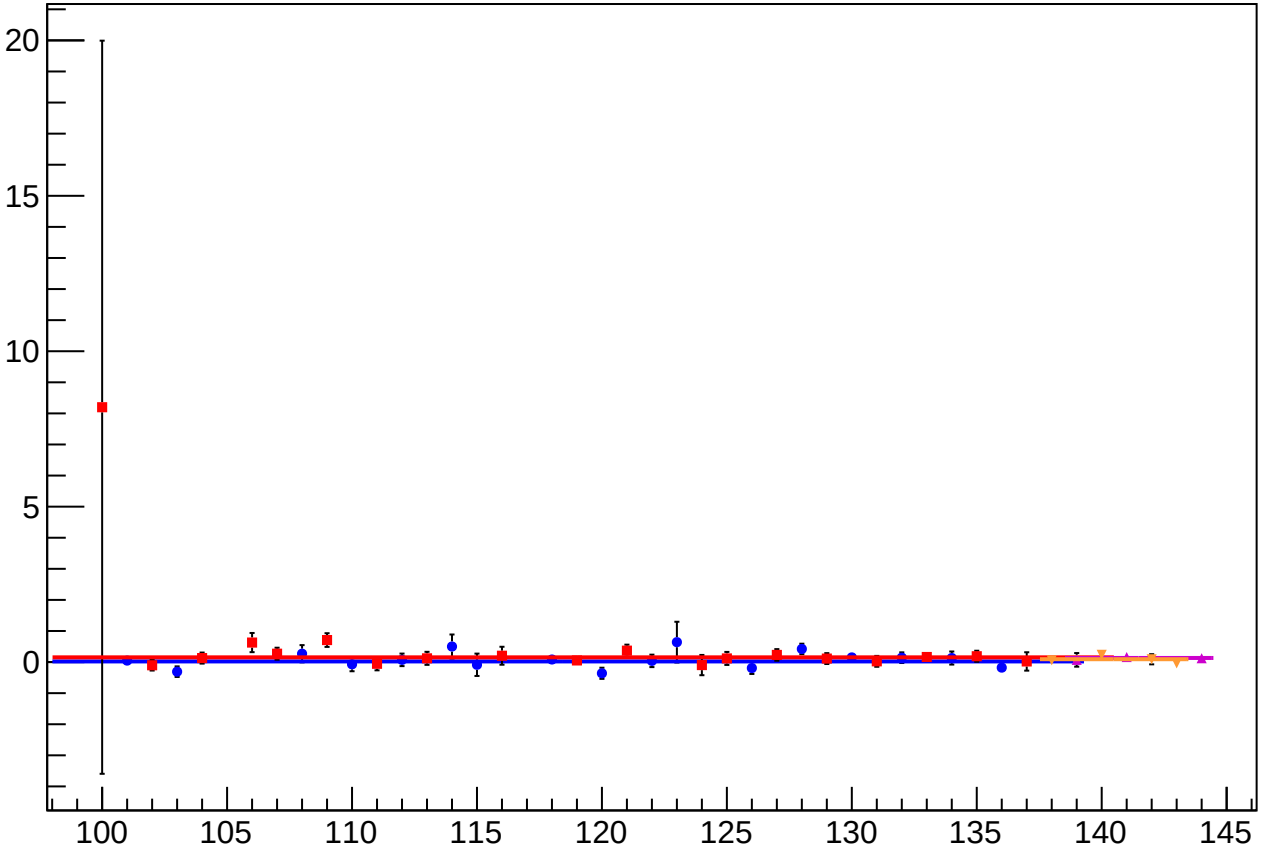
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.081+/-0.053 χ^2/NDF:25.3/19

Out: -0.153+/-0.053 χ^2/NDF:17.9/22

All: -0.116+/-0.038 χ^2/NDF: 44.1/42

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.092+/-0.073 χ^2/NDF:2.1/3

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.132+/-0.081 χ^2/NDF:0.1/2

Left: 0.110+/-0.054 χ^2/NDF: 2.4/6

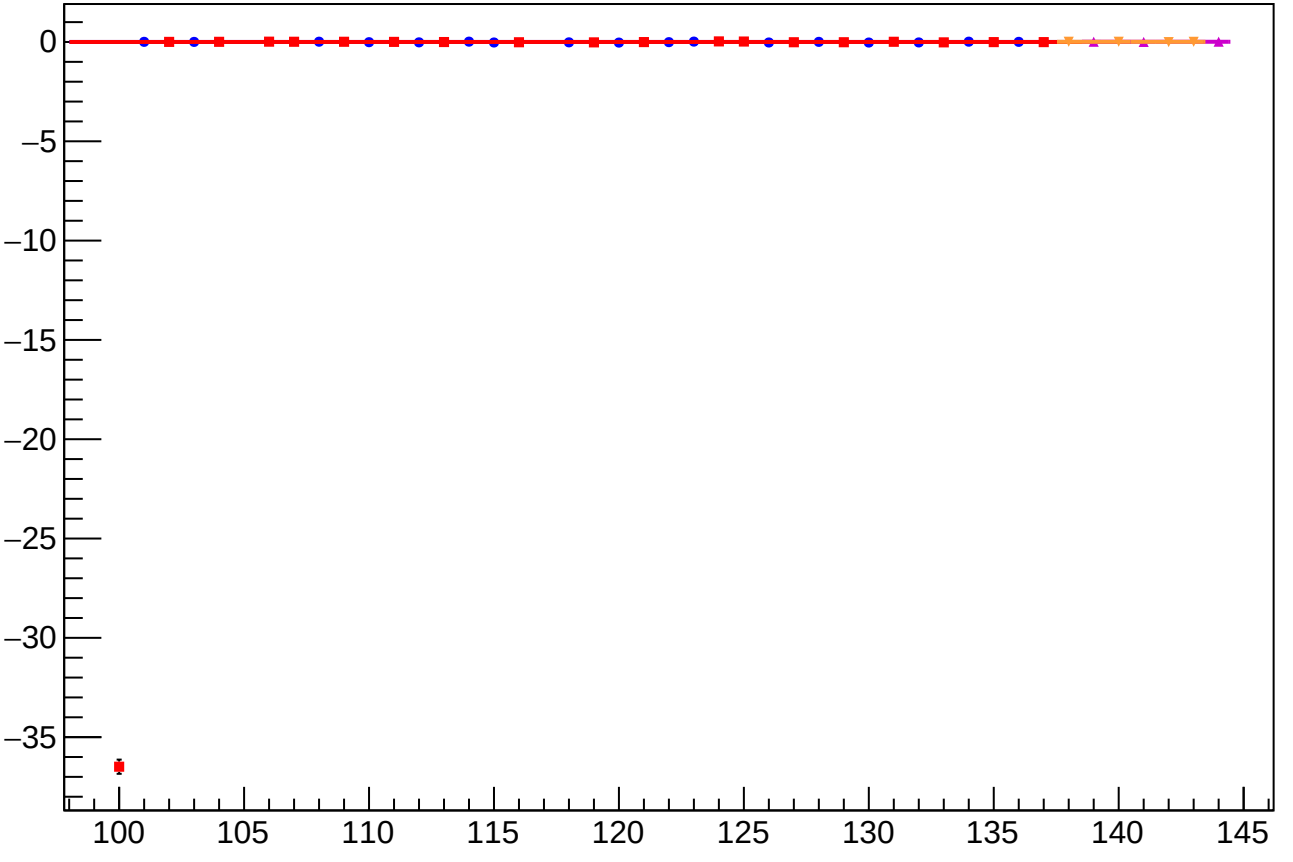
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.045+/-0.038 χ^2/NDF:24.1/19

Out: 0.135+/-0.039 χ^2/NDF:18.9/22

All: 0.089+/-0.027 χ^2/NDF: 45.8/42

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:3.2/3

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.003 χ^2/NDF:2.0/2

Left: 0.010+/-0.002 χ^2/NDF: 5.5/6

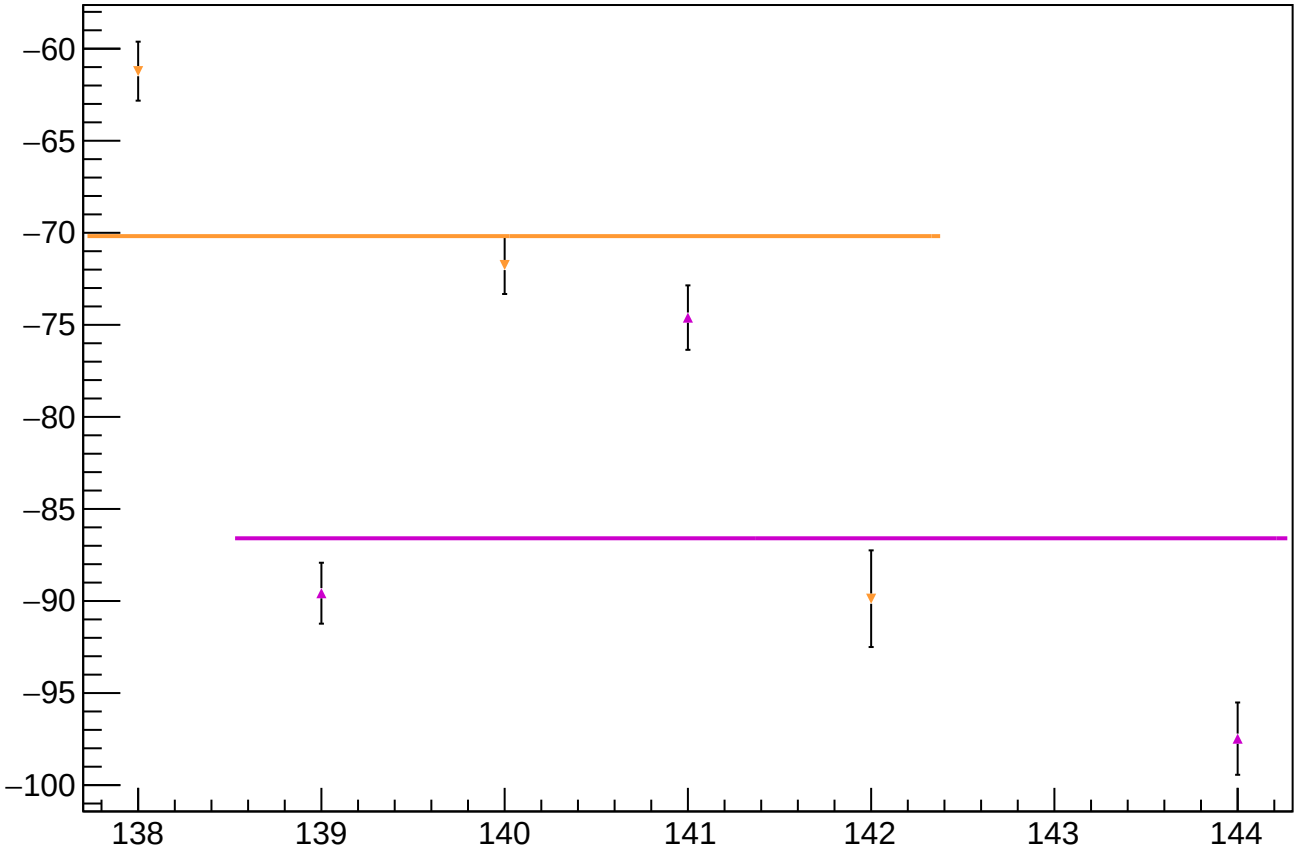
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.004+/-0.002 χ^2/NDF:40.6/19

Out: 0.003+/-0.002 χ^2/NDF:10456.1/22

All: 0.004+/-0.001 χ^2/NDF: 10496.8/42

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -70.180+/-1.032 χ^2/NDF:88.6/2

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

Left In: -86.593+/-1.026 χ^2/NDF:80.9/2

Left: -78.441+/-0.728 χ^2/NDF: 296.6/5

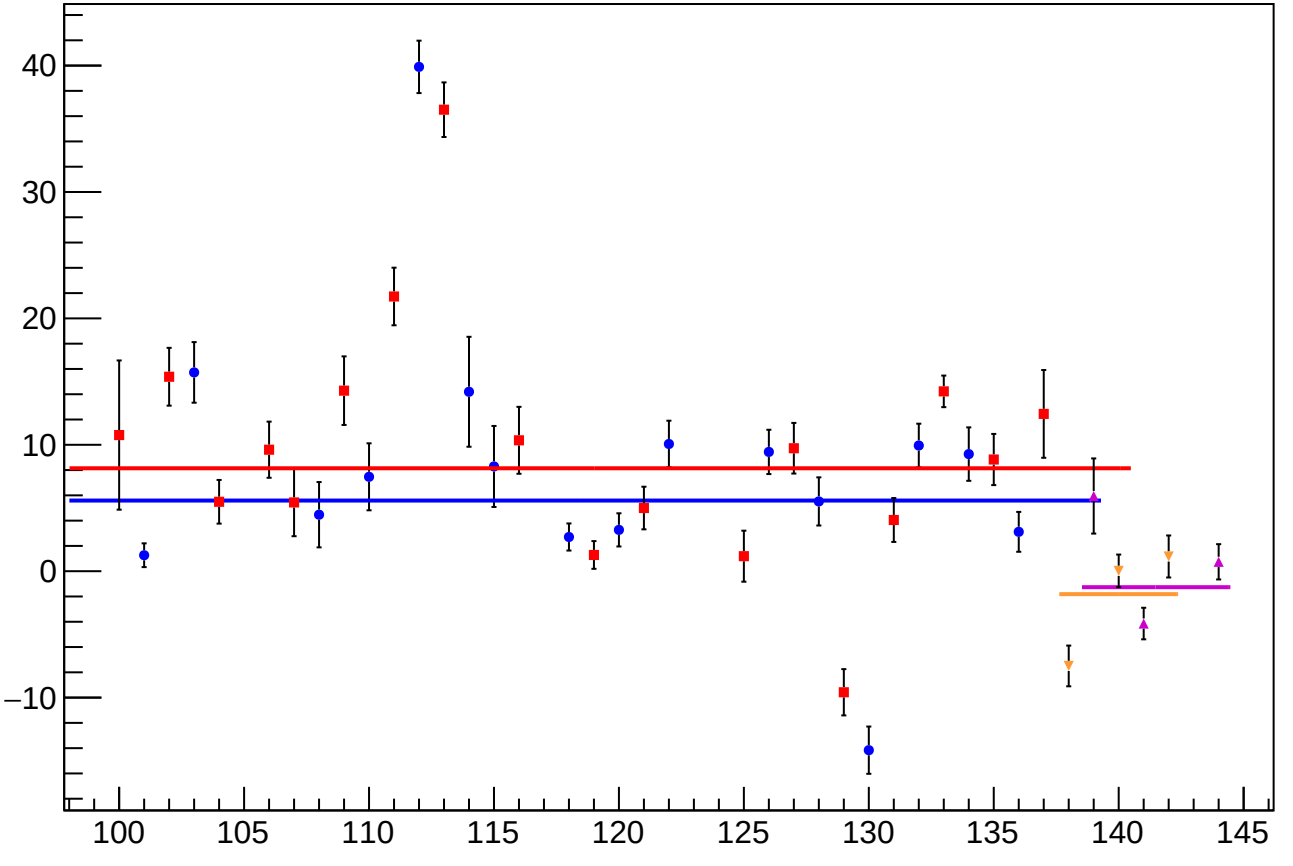
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -86.593+/-1.026 χ^2/NDF:80.9/2

Out: -70.180+/-1.032 χ^2/NDF:88.6/2

All: -78.441+/-0.728 χ^2/NDF: 296.6/5

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: -1.816+/-0.861 χ^2/NDF:17.7/2

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: -1.265+/-0.888 χ^2/NDF:13.3/2

Left: -1.549+/-0.618 χ^2/NDF: 31.2/5

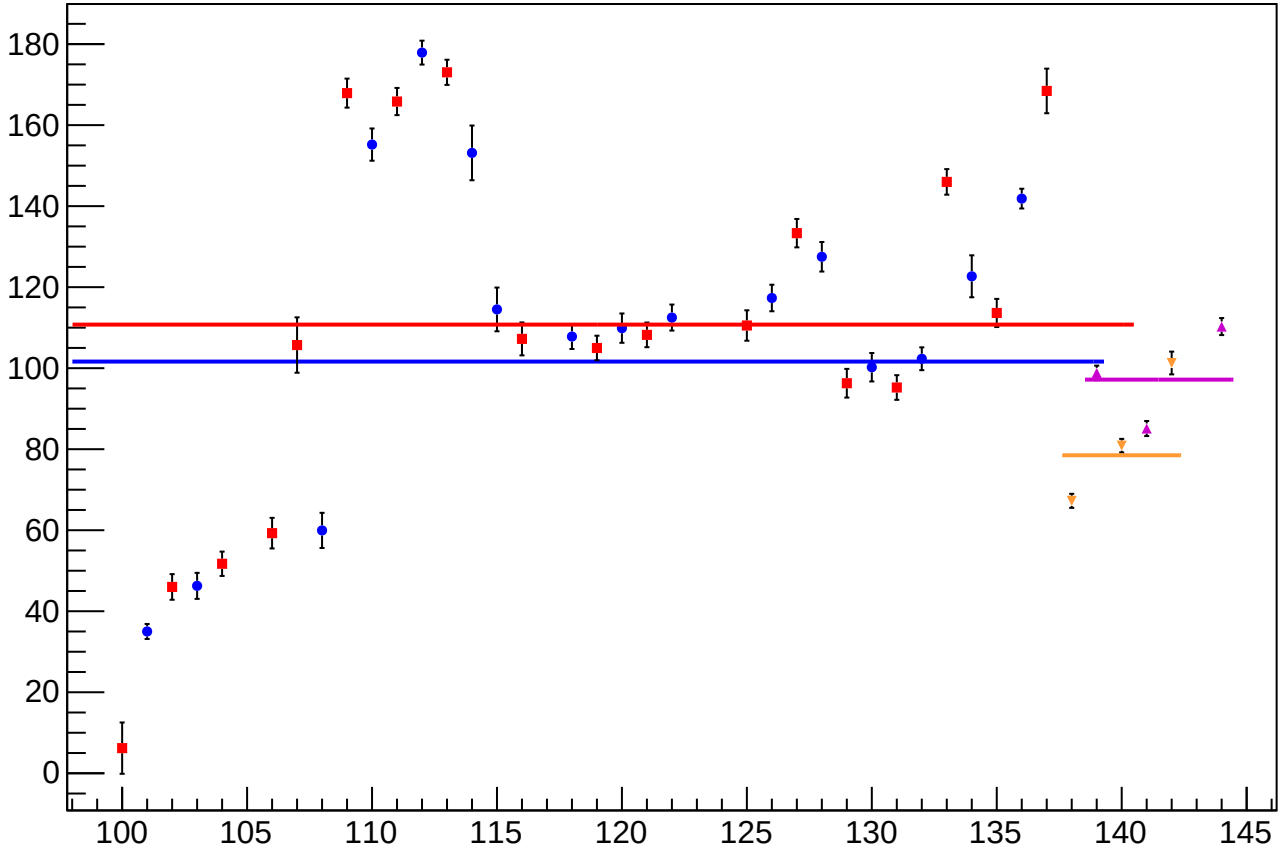
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 4.319+/-0.382 χ^2/NDF:524.6/18

Out: 5.978+/-0.401 χ^2/NDF:530.1/20

All: 5.108+/-0.277 χ^2/NDF: 1063.7/39

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: 78.500+/-1.108 χ^2/NDF:109.7/2

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 97.177+/-1.100 χ^2/NDF:81.8/2

Left: 87.908+/-0.781 χ^2/NDF: 334.6/5

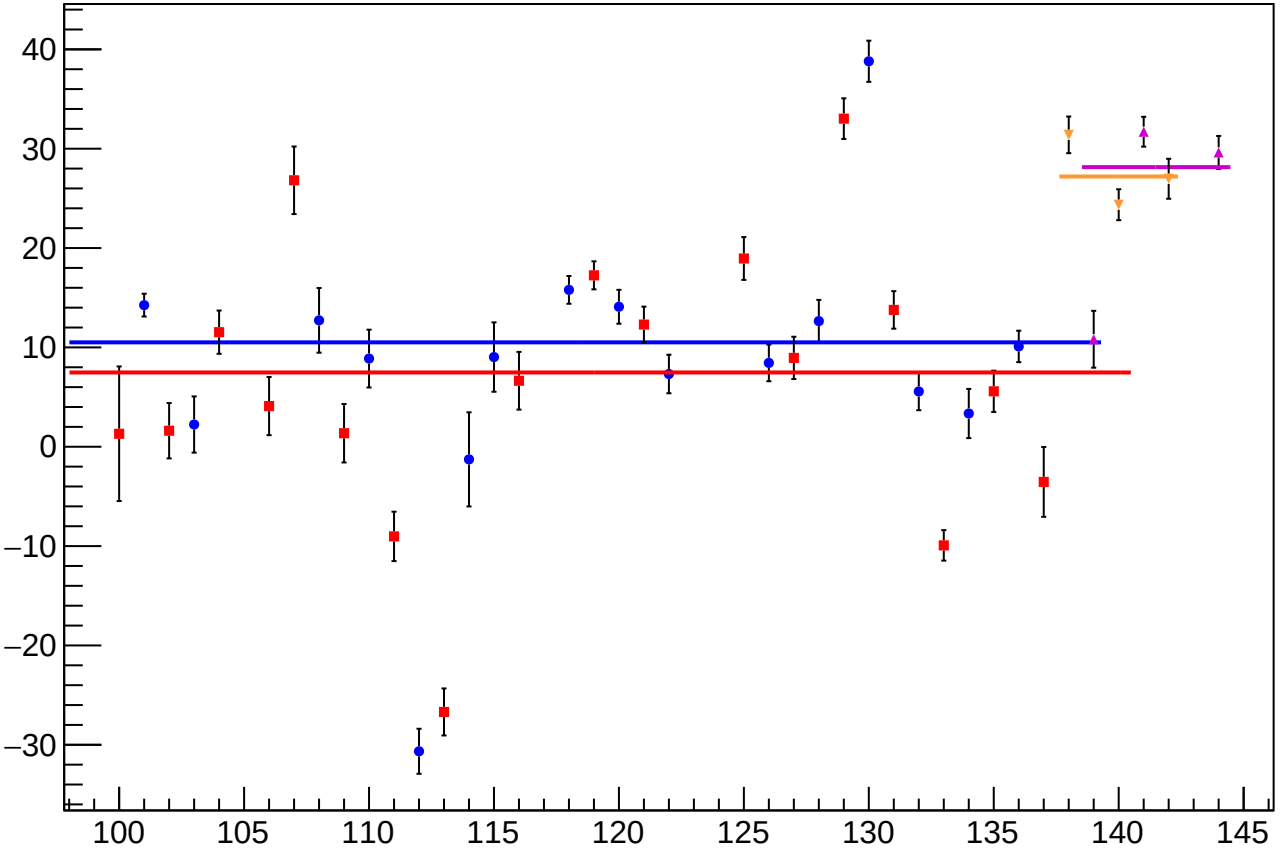
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 100.072+/-0.651 χ^2/NDF:3071.4/18

Out: 99.053+/-0.667 χ^2/NDF:3162.5/20

All: 99.576+/-0.466 χ^2/NDF: 6235.0/39

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: 27.202+/-1.024 χ^2/NDF:8.5/2

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 28.147+/-1.037 χ^2/NDF:43.1/2

Left: 27.668+/-0.729 χ^2/NDF: 52.0/5

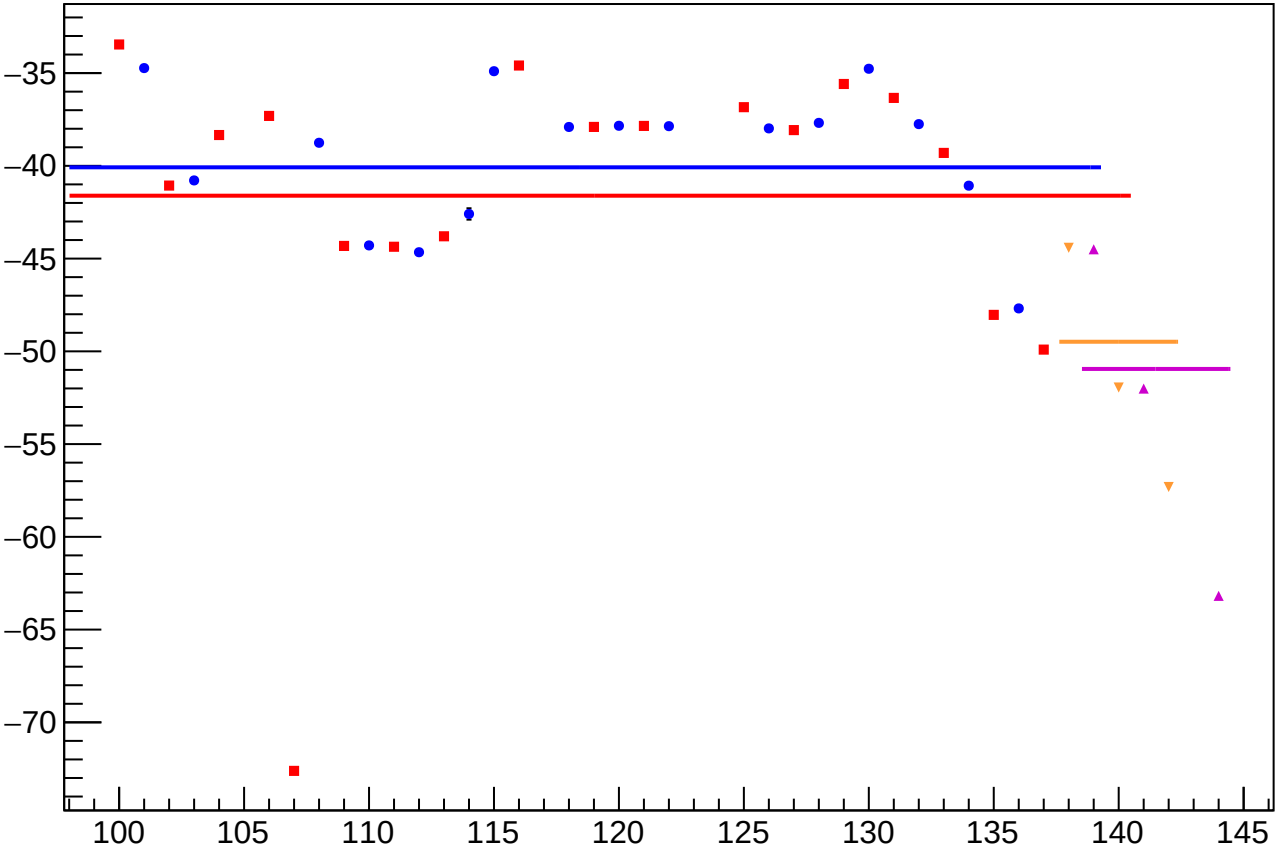
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 13.749+/-0.445 χ^2/NDF:860.7/18

Out: 11.572+/-0.466 χ^2/NDF:992.0/20

All: 12.713+/-0.322 χ^2/NDF: 1864.1/39

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: -49.483+/-0.046 χ^2/NDF:11383.6/2

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -50.949+/-0.043 χ^2/NDF:28360.8/2

Left: -50.266+/-0.031 χ^2/NDF: 40291.6/5

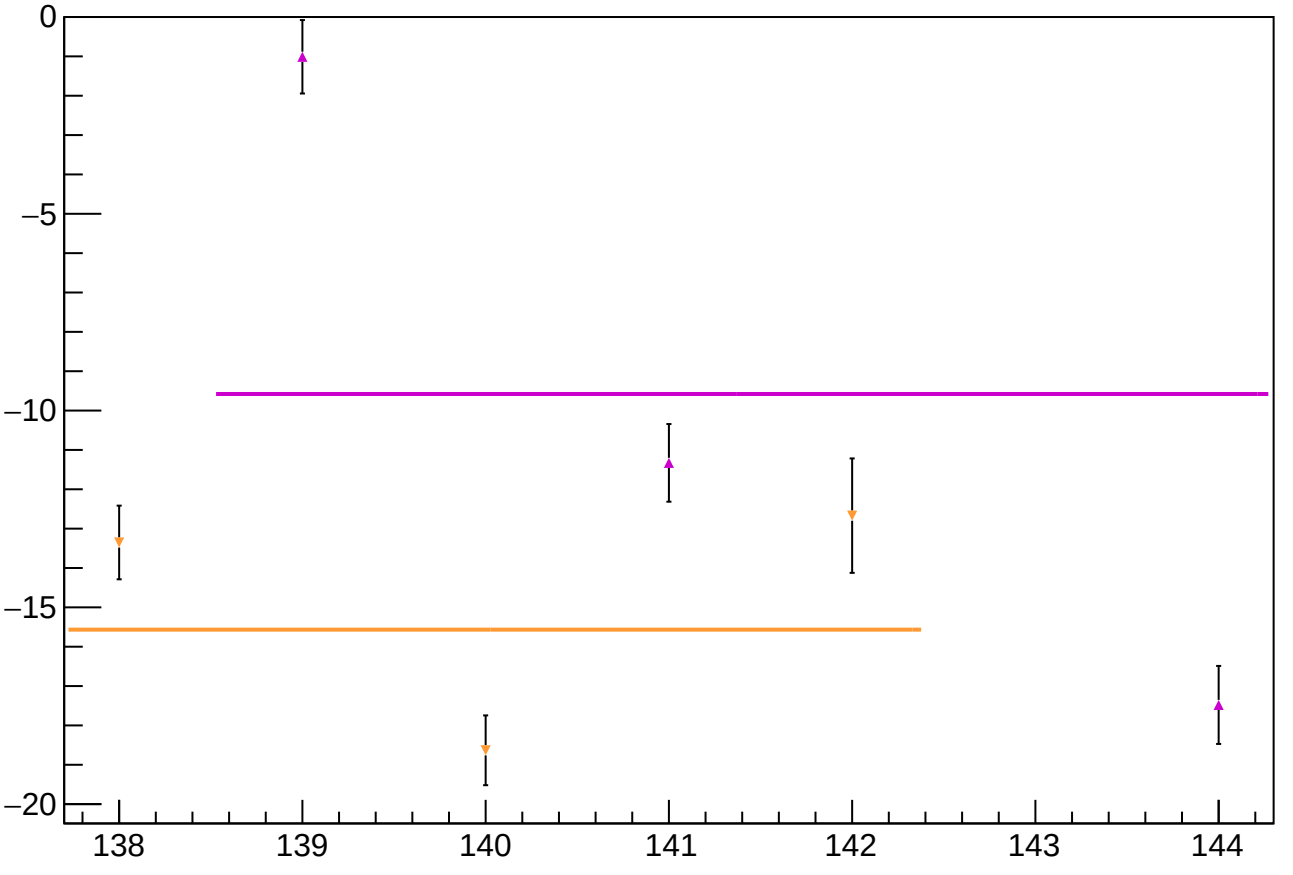
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -43.372+/-0.024 χ^2/NDF:98494.2/18

Out: -43.816+/-0.024 χ^2/NDF:94439.9/20

All: -43.587+/-0.017 χ^2/NDF: 193106.3/39

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: -15.566+/-0.589 χ^2/NDF:21.5/2

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

Left In: -9.579+/-0.560 χ^2/NDF:151.0/2

Left: -12.422+/-0.406 χ^2/NDF: 226.9/5

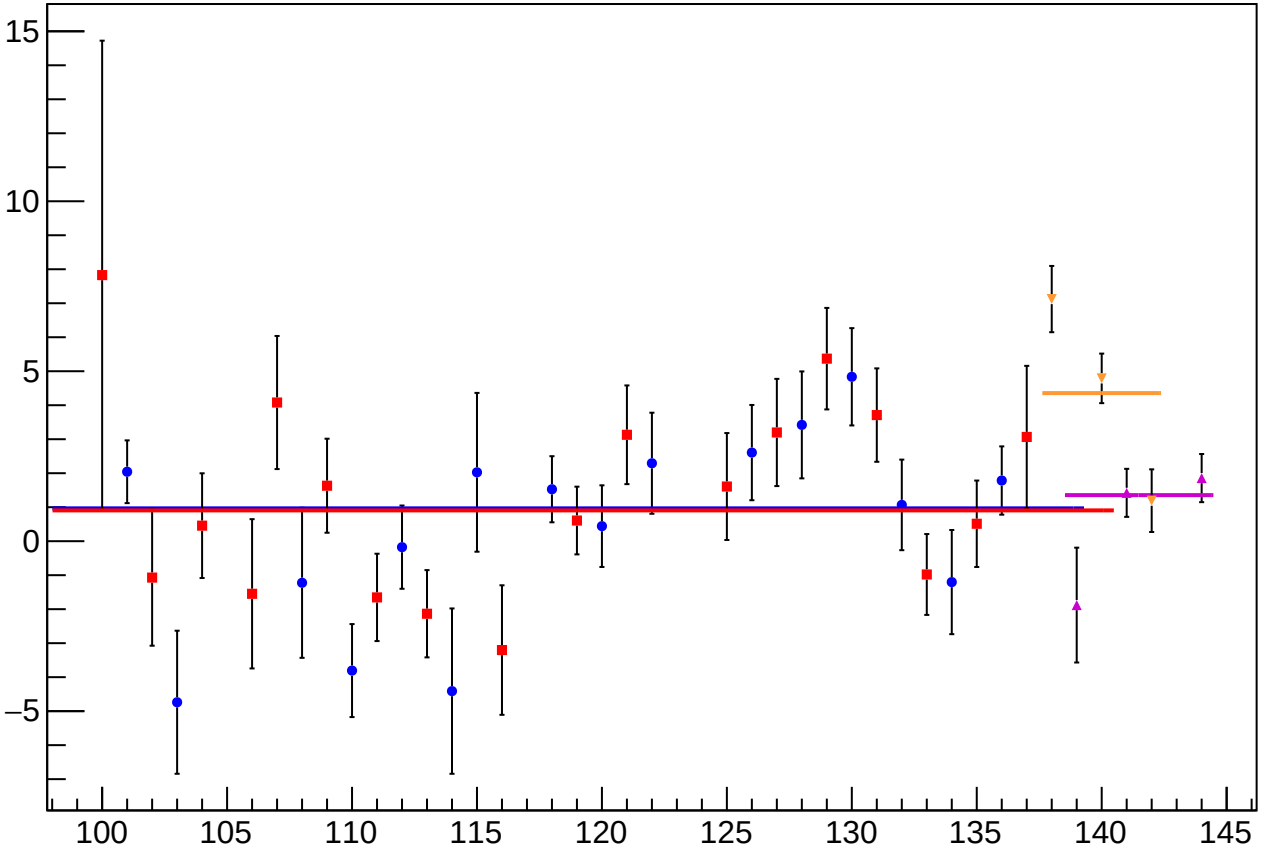
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.579+/-0.560 χ^2/NDF:151.0/2

Out: -15.566+/-0.589 χ^2/NDF:21.5/2

All: -12.422+/-0.406 χ^2/NDF: 226.9/5

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: 4.357+/-0.493 χ^2/NDF:20.2/2

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 1.355+/-0.480 χ^2/NDF:4.2/2

Left: 2.814+/-0.344 χ^2/NDF: 43.4/5

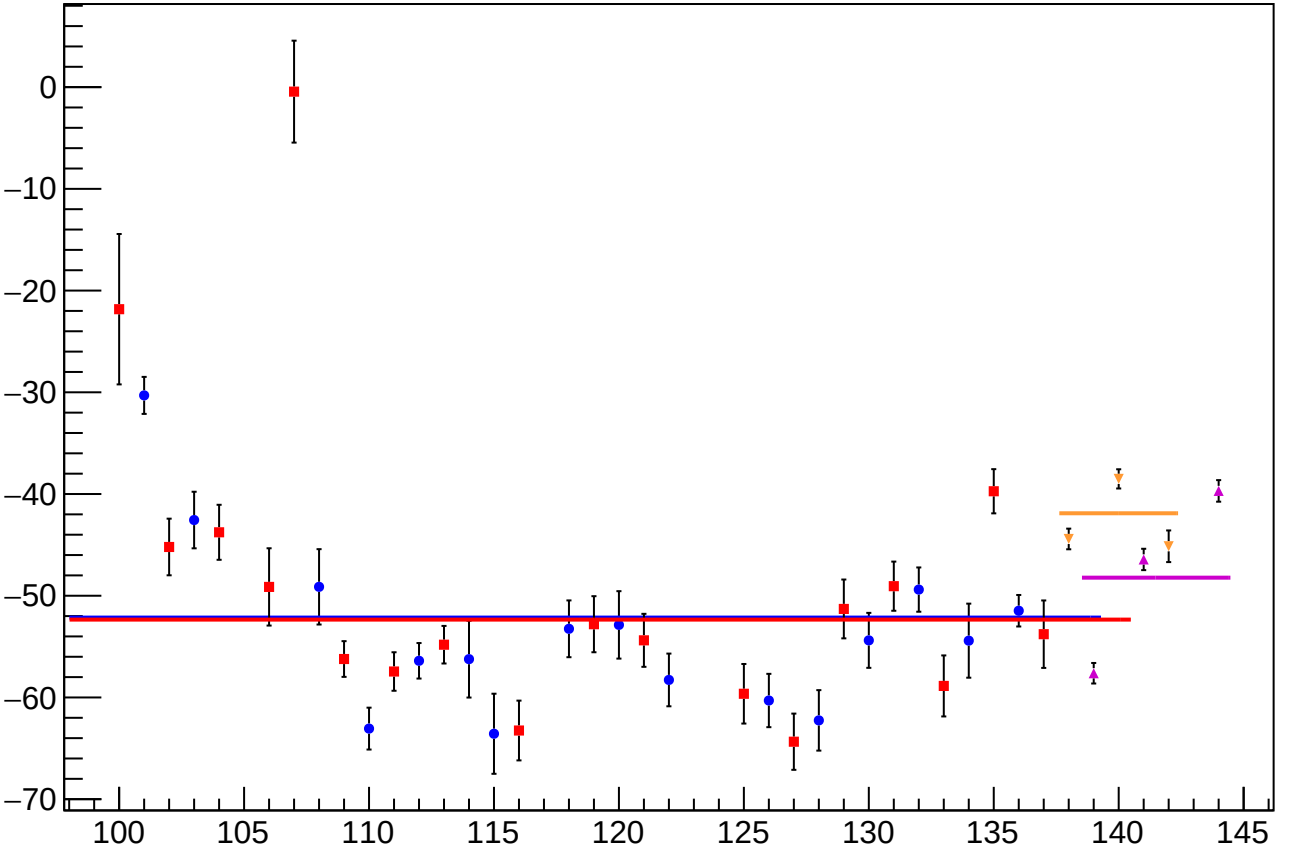
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: 1.095+/-0.276 χ^2/NDF:47.6/18

Out: 2.079+/-0.287 χ^2/NDF:94.5/20

All: 1.567+/-0.199 χ^2/NDF: 148.2/39

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: -41.893+/-0.632 χ^2/NDF:23.4/2

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -48.223+/-0.600 χ^2/NDF:154.3/2

Left: -45.222+/-0.435 χ^2/NDF: 230.4/5

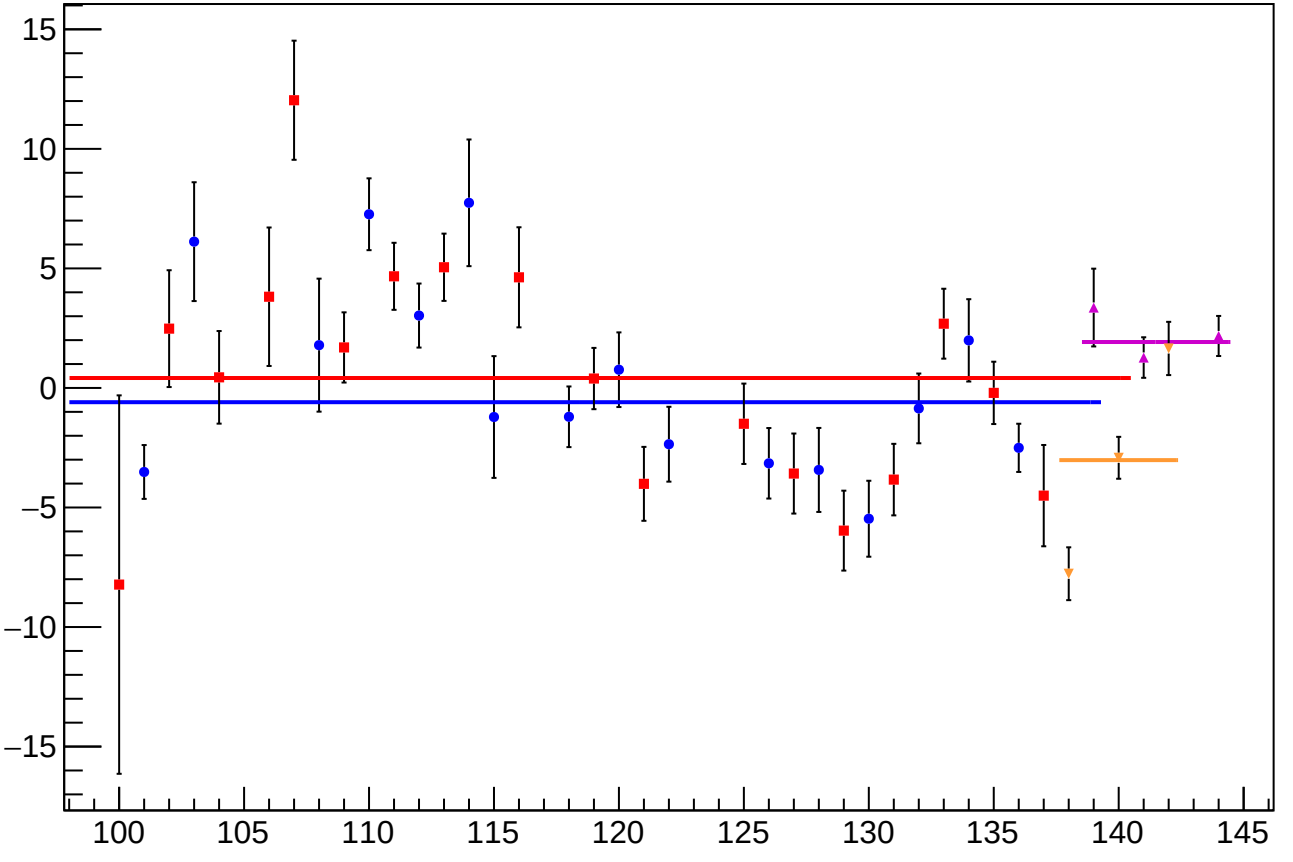
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -50.146+/-0.428 χ^2/NDF:405.5/18

Out: -47.254+/-0.441 χ^2/NDF:399.5/20

All: -48.742+/-0.307 χ^2/NDF: 827.1/39

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: -3.019+/-0.584 χ^2/NDF:36.1/2

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 1.921+/-0.560 χ^2/NDF:1.5/2

Left: -0.442+/-0.404 χ^2/NDF: 74.8/5

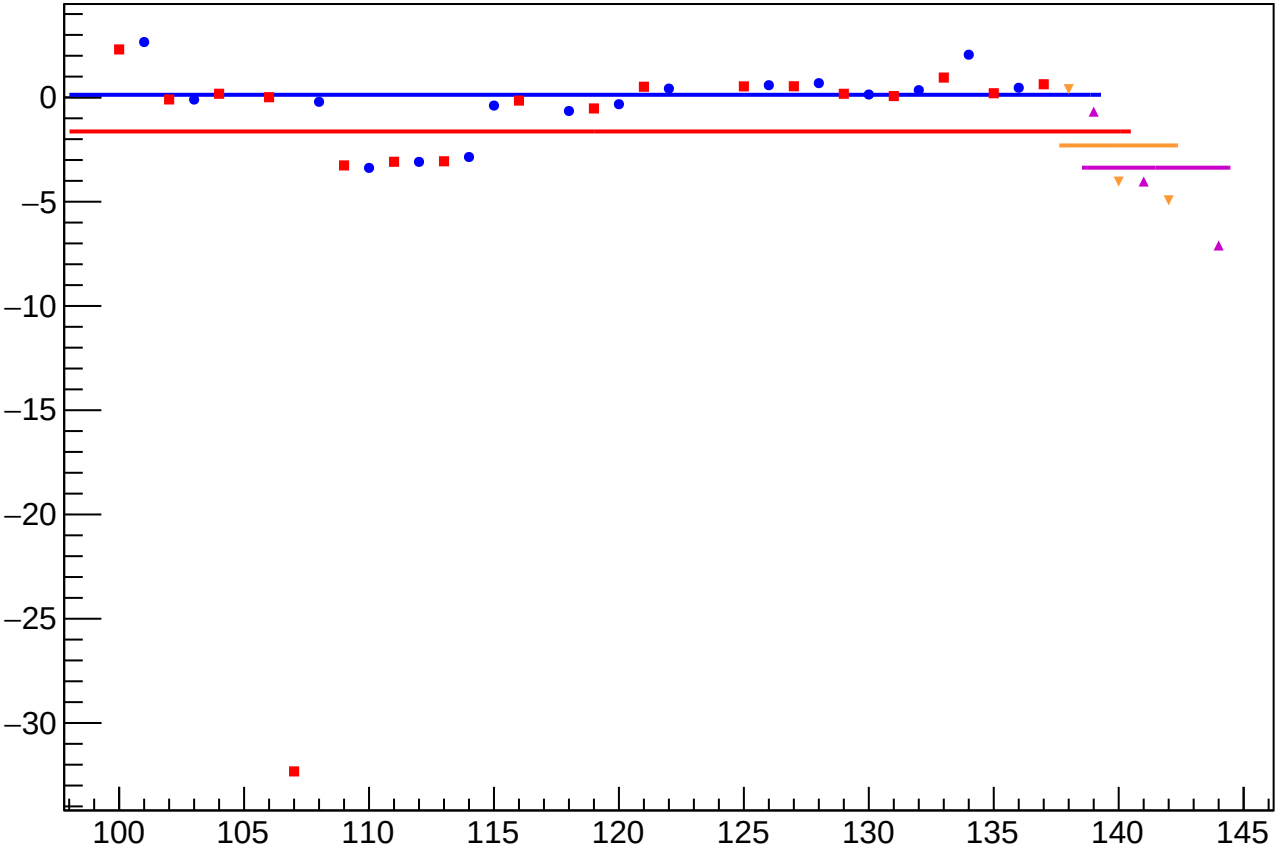
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 0.209+/-0.317 χ^2/NDF:97.8/18

Out: -0.678+/-0.330 χ^2/NDF:155.4/20

All: -0.216+/-0.228 χ^2/NDF: 257.0/39

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: -2.301+/-0.026 χ^2/NDF:8191.7/2

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -3.368+/-0.023 χ^2/NDF:12395.6/2

Left: -2.887+/-0.017 χ^2/NDF: 21517.0/5

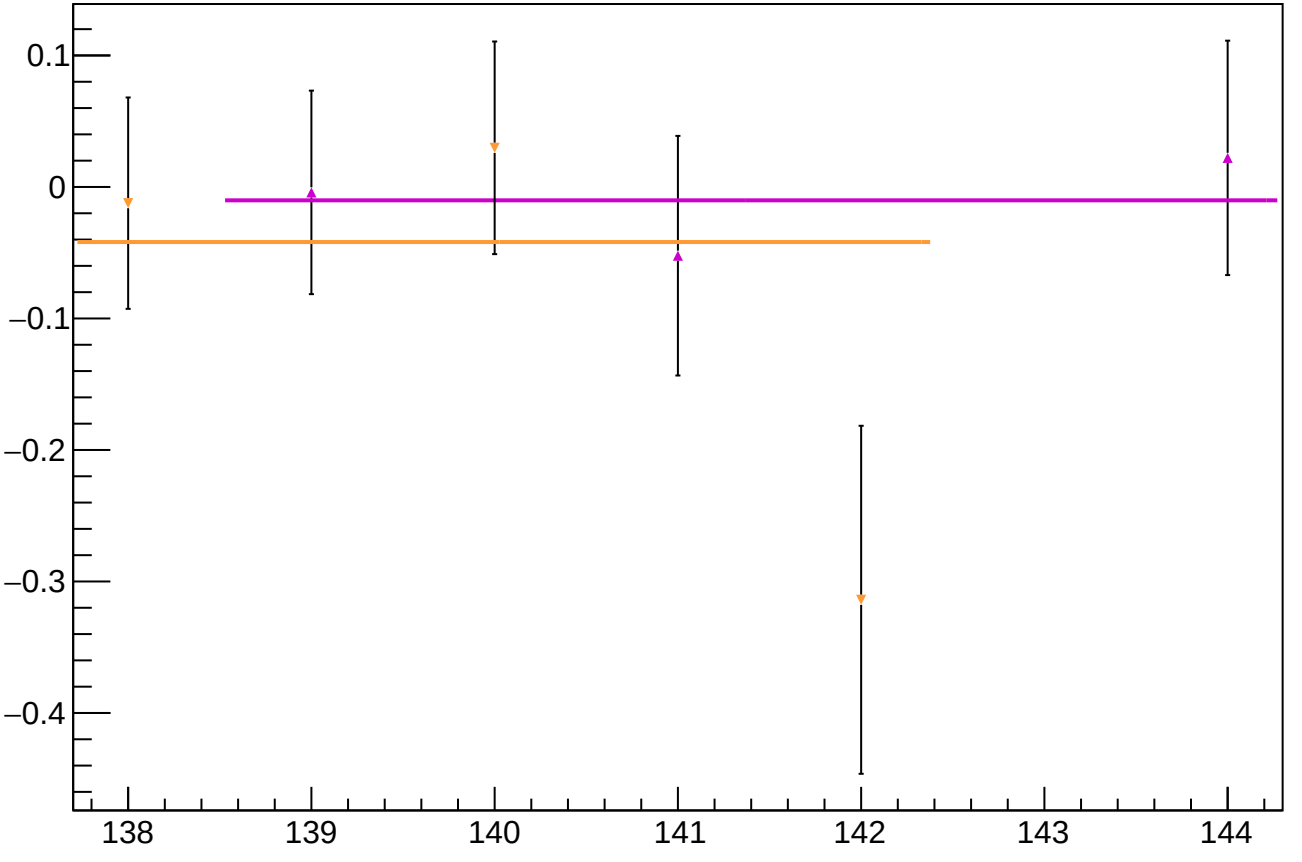
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.465+/-0.016 χ^2/NDF:29700.9/18

Out: -1.908+/-0.017 χ^2/NDF:86460.8/20

All: -1.675+/-0.011 χ^2/NDF: 116533.0/39

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: -0.042+/-0.052 χ^2/NDF:5.1/2

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

Left In: -0.010+/-0.049 χ^2/NDF:0.4/2

Left: -0.025+/-0.036 χ^2/NDF: 5.7/5

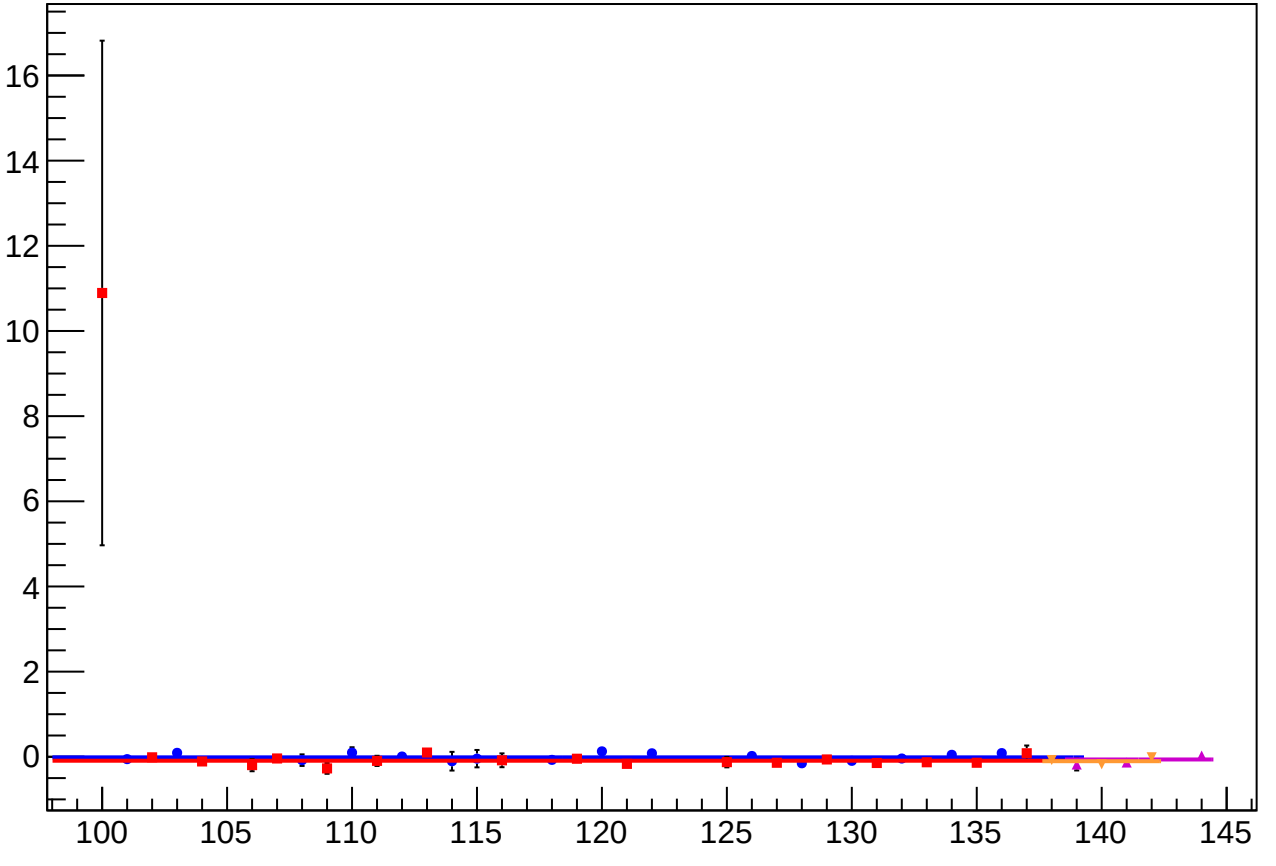
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.010+/-0.049 χ^2/NDF:0.4/2

Out: -0.042+/-0.052 χ^2/NDF:5.1/2

All: -0.025+/-0.036 χ^2/NDF: 5.7/5

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: -0.103+/-0.045 χ^2/NDF:2.5/2

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.063+/-0.043 χ^2/NDF:4.0/2

Left: -0.082+/-0.031 χ^2/NDF: 6.9/5

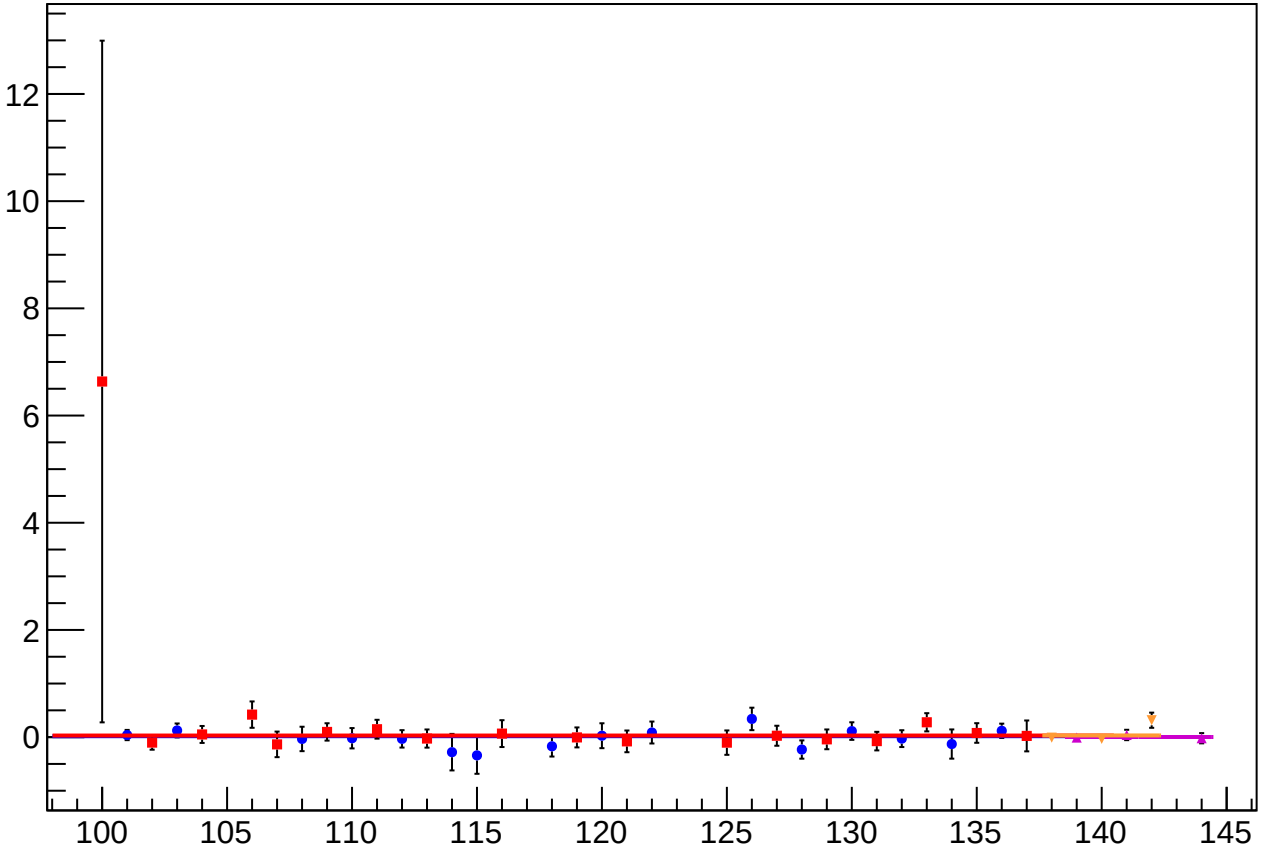
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.024+/-0.021 χ^2/NDF:17.2/18

Out: -0.095+/-0.022 χ^2/NDF:15.2/20

All: -0.057+/-0.015 χ^2/NDF: 38.0/39

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: 0.032+/-0.056 χ^2/NDF:4.8/2

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.002+/-0.053 χ^2/NDF:0.2/2

Left: 0.016+/-0.038 χ^2/NDF: 5.2/5

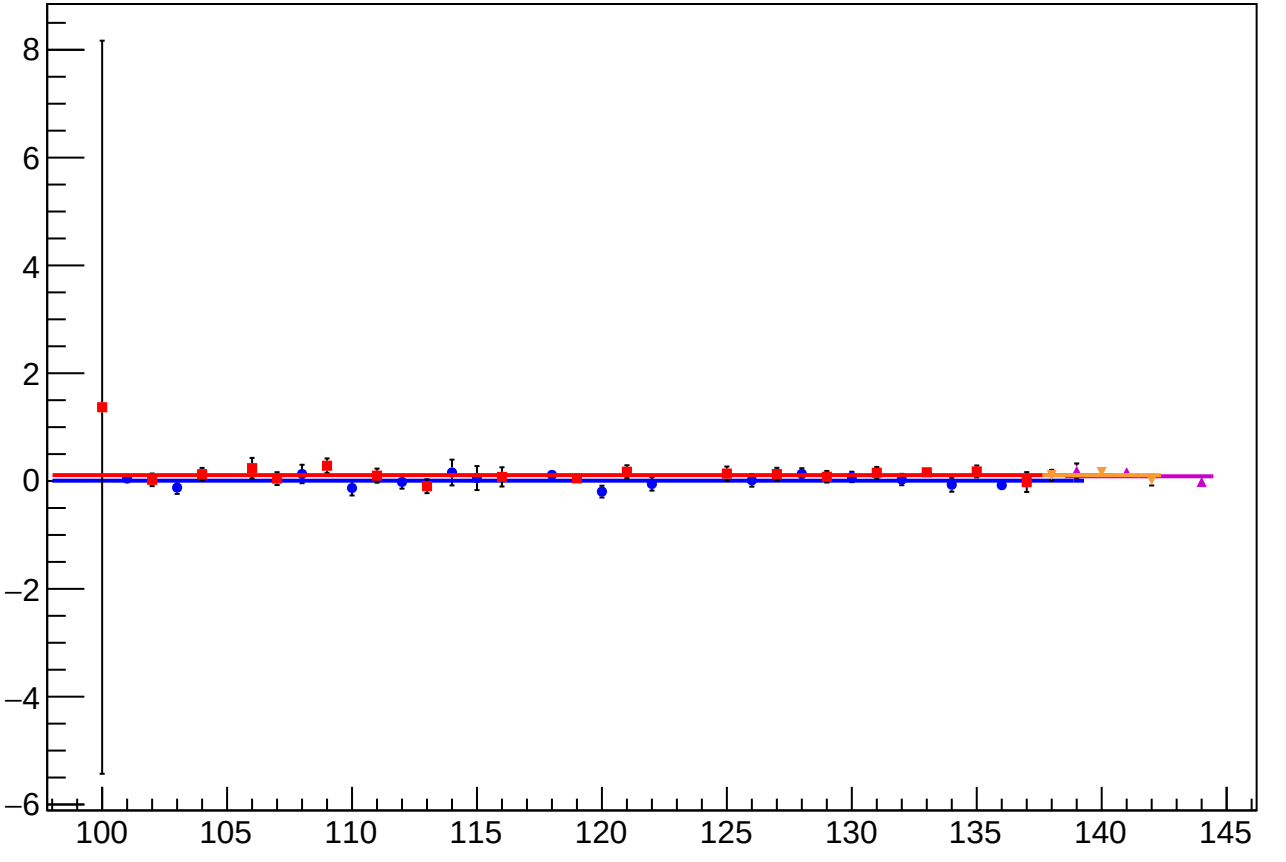
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.011+/-0.033 χ^2/NDF:9.9/18

Out: 0.031+/-0.035 χ^2/NDF:14.0/20

All: 0.020+/-0.024 χ^2/NDF: 24.1/39

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: 0.110+/-0.053 χ^2/NDF:1.3/2

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.088+/-0.050 χ^2/NDF:3.5/2

Left: 0.099+/-0.036 χ^2/NDF: 4.9/5

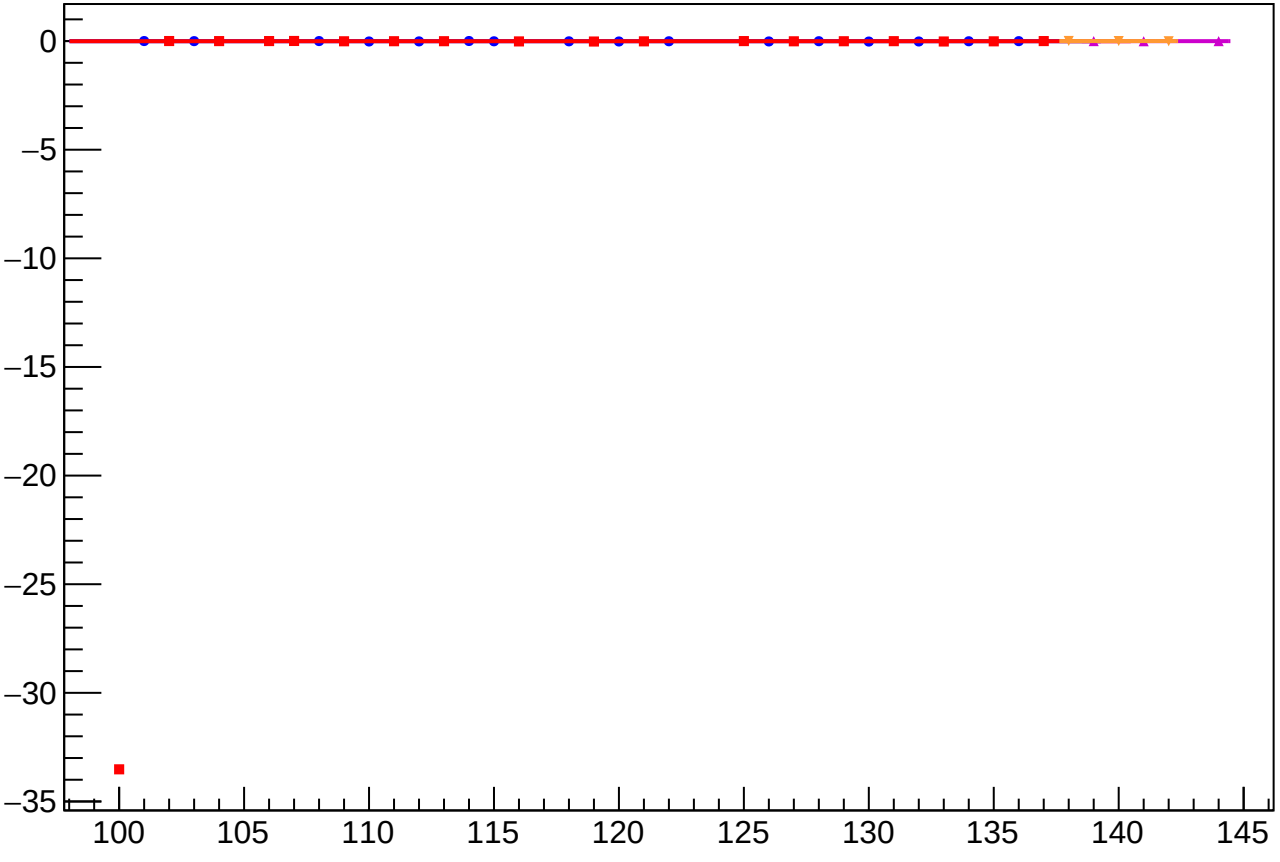
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.025+/-0.024 χ^2/NDF:17.6/18

Out: 0.110+/-0.025 χ^2/NDF:9.3/20

All: 0.065+/-0.017 χ^2/NDF: 32.9/39

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.002 χ^2/NDF:4.0/2

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: -0.003+/-0.002 χ^2/NDF:1.7/2

Left: -0.001+/-0.002 χ^2/NDF: 7.6/5

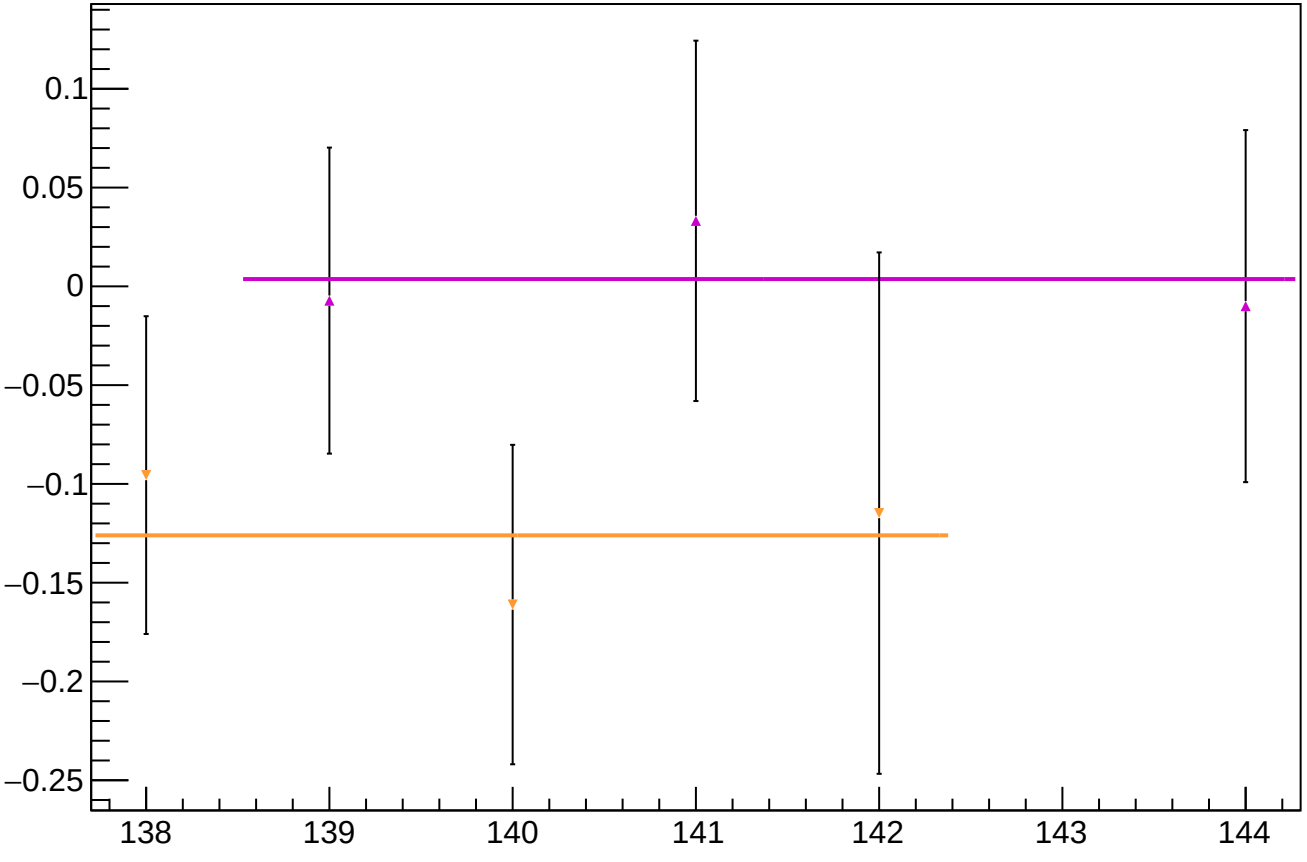
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.005+/-0.001 χ^2/NDF:25.2/18

Out: -0.004+/-0.001 χ^2/NDF:26519.9/20

All: -0.004+/-0.001 χ^2/NDF: 26545.4/39

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: -0.126+/-0.052 χ^2/NDF:0.3/2

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

Left In: 0.004+/-0.049 χ^2/NDF:0.1/2

Left: -0.057+/-0.036 χ^2/NDF: 3.7/5

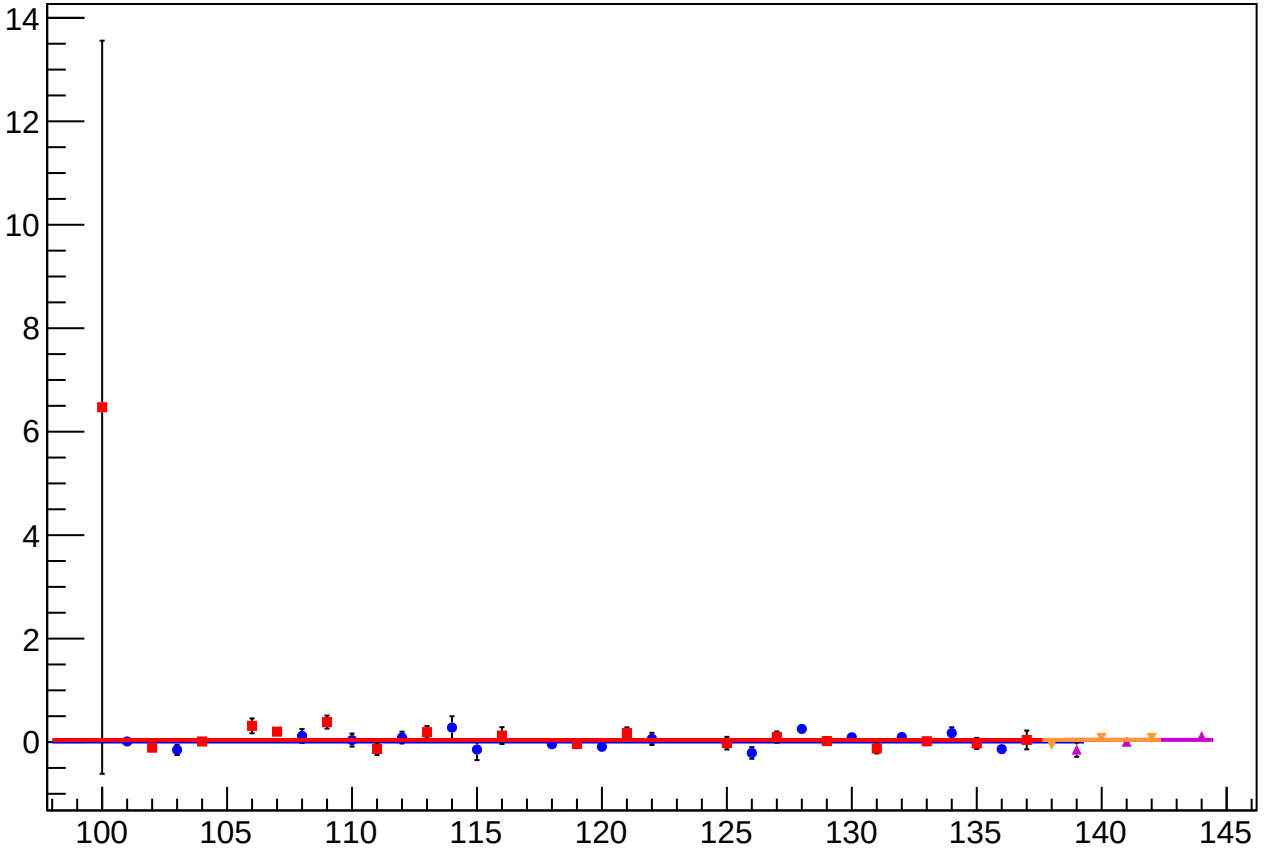
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.004+/-0.049 χ^2/NDF:0.1/2

Out: -0.126+/-0.052 χ^2/NDF:0.3/2

All: -0.057+/-0.036 χ^2/NDF: 3.7/5

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: 0.042+/-0.045 χ^2/NDF:1.8/2

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.043+/-0.043 χ^2/NDF:3.4/2

Left: 0.043+/-0.031 χ^2/NDF: 5.2/5

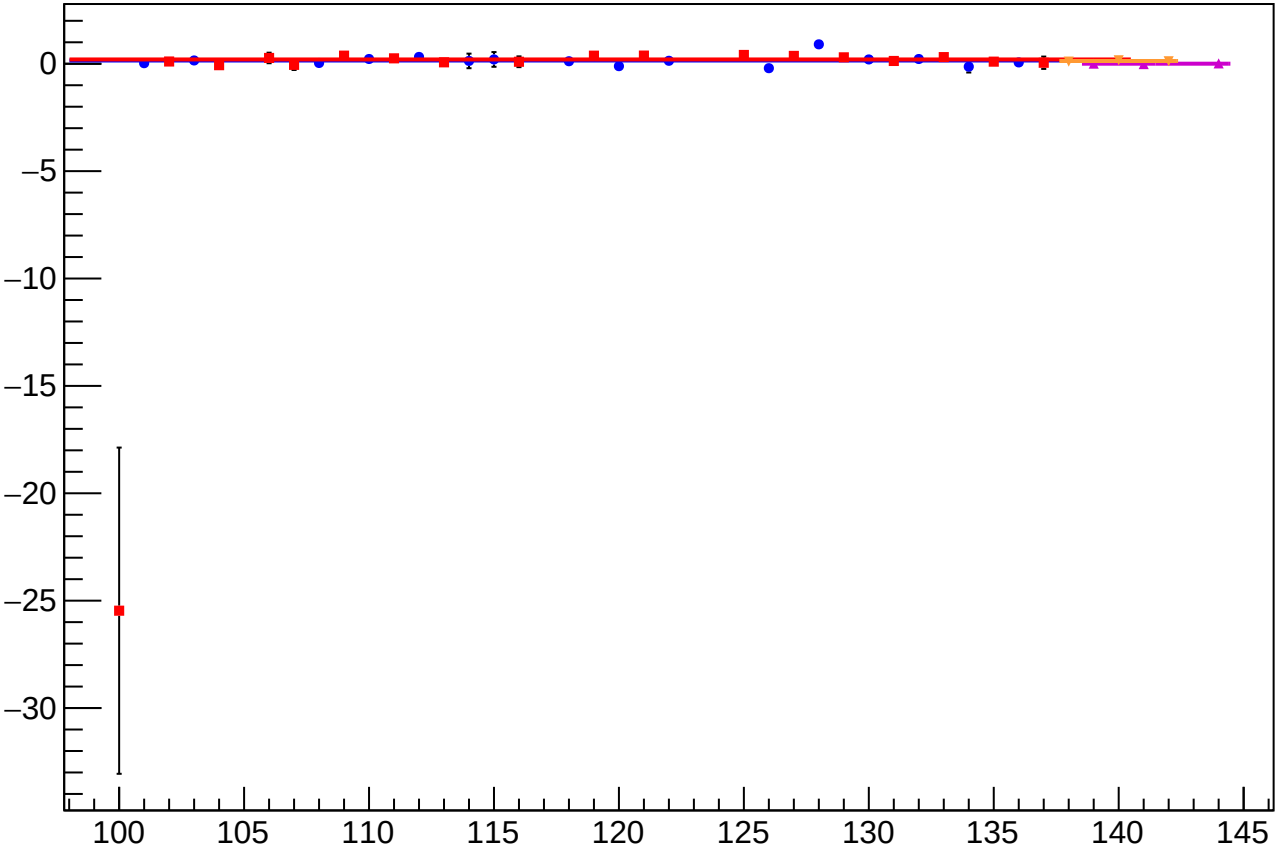
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.018+/-0.020 χ^2/NDF:29.3/18

Out: 0.041+/-0.022 χ^2/NDF:29.7/20

All: 0.029+/-0.015 χ^2/NDF: 59.6/39

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: 0.129+/-0.056 χ^2/NDF:0.3/2

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.003+/-0.053 χ^2/NDF:0.1/2

Left: 0.062+/-0.038 χ^2/NDF: 3.0/5

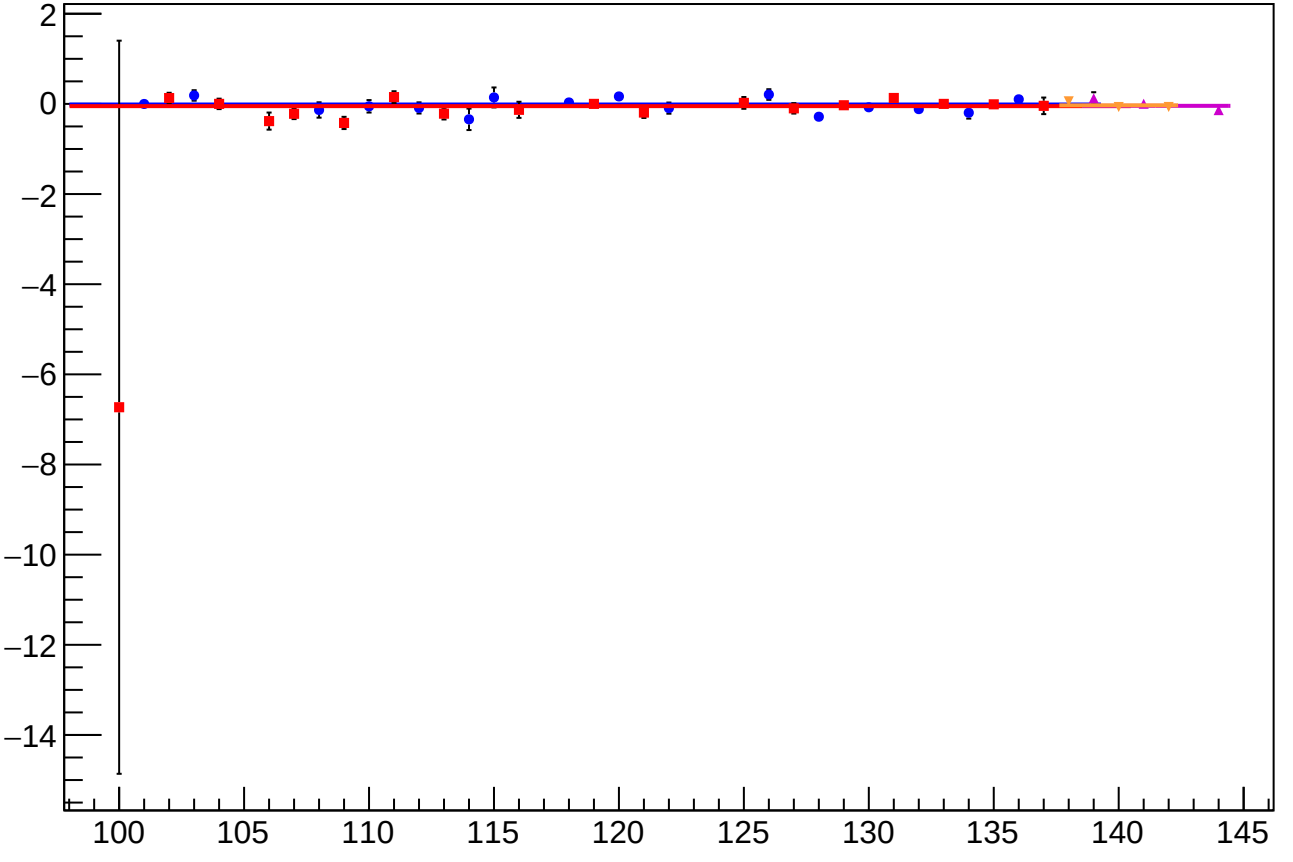
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.093+/-0.033 χ^2/NDF:33.6/18

Out: 0.172+/-0.035 χ^2/NDF:24.1/20

All: 0.130+/-0.024 χ^2/NDF: 60.4/39

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: -0.032+/-0.053 χ^2/NDF:1.2/2

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.043+/-0.050 χ^2/NDF:3.5/2

Left: -0.038+/-0.036 χ^2/NDF: 4.7/5

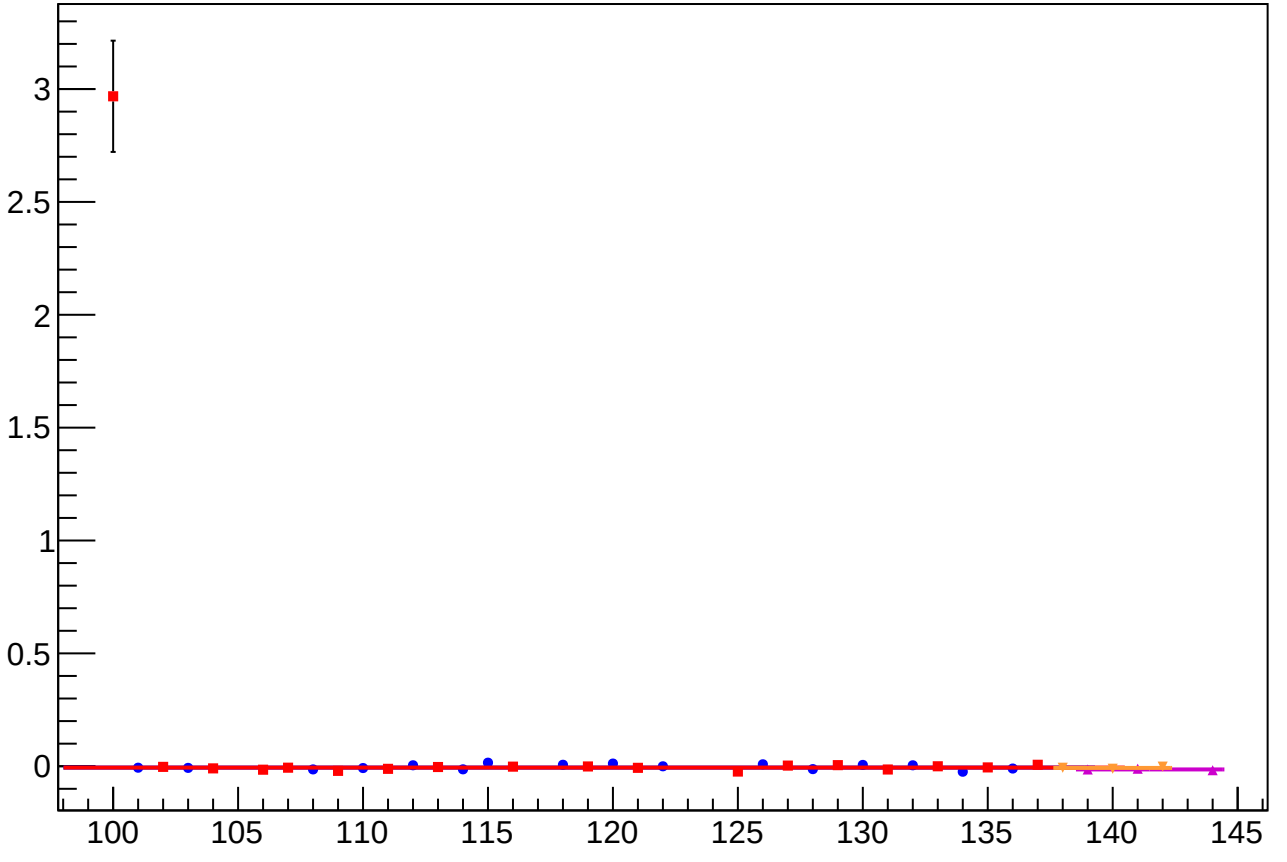
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.020+/-0.024 χ^2/NDF:28.9/18

Out: -0.046+/-0.025 χ^2/NDF:27.0/20

All: -0.032+/-0.017 χ^2/NDF: 56.4/39

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: -0.008+/-0.002 χ^2/NDF:2.0/2

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.014+/-0.002 χ^2/NDF:1.4/2

Left: -0.011+/-0.002 χ^2/NDF: 8.1/5

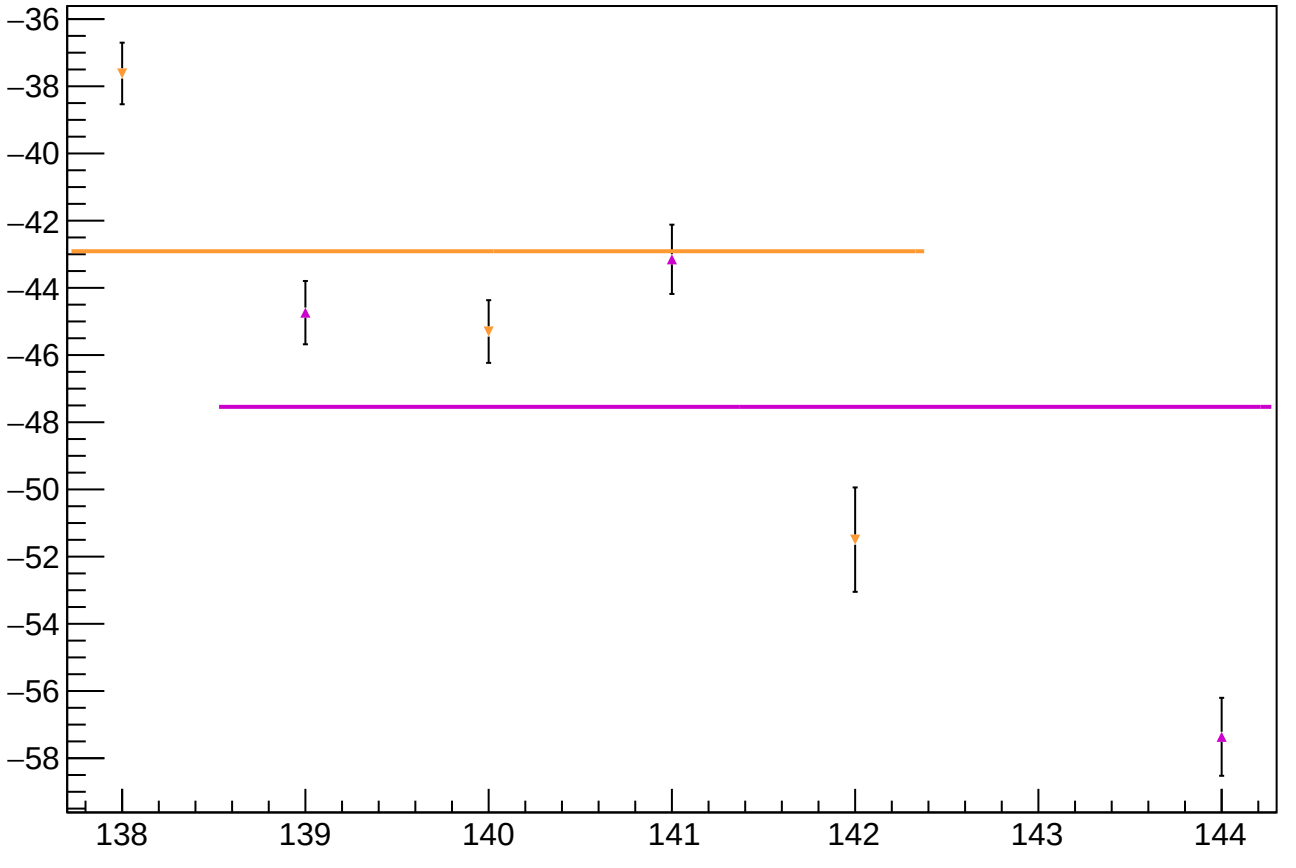
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:40.9/18

Out: -0.006+/-0.001 χ^2/NDF:168.2/20

All: -0.008+/-0.001 χ^2/NDF: 210.9/39

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: -42.910+/-0.603 χ^2/NDF:70.4/2

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

Left In: -47.542+/-0.596 χ^2/NDF:98.7/2

Left: -45.250+/-0.424 χ^2/NDF: 198.9/5

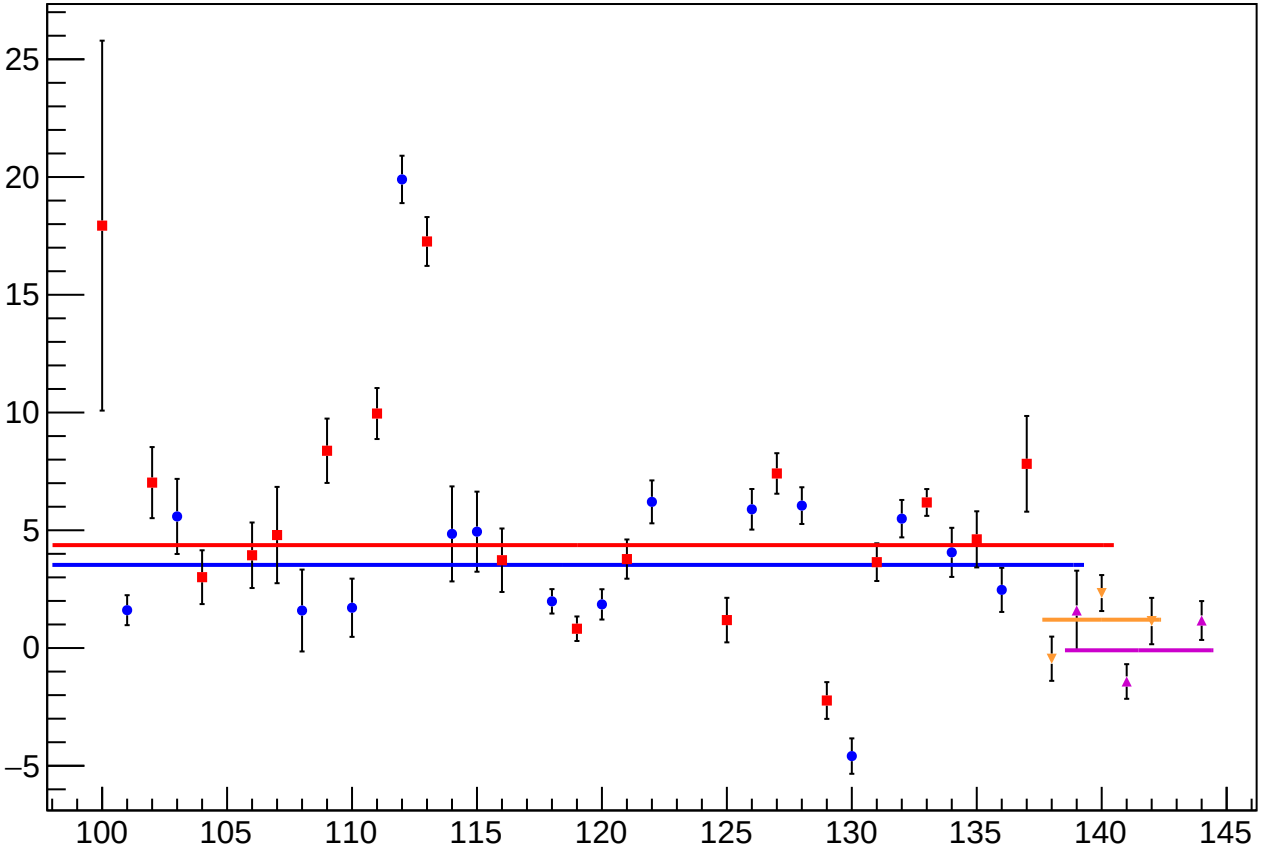
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -47.542+/-0.596 χ^2/NDF:98.7/2

Out: -42.910+/-0.603 χ^2/NDF:70.4/2

All: -45.250+/-0.424 χ^2/NDF: 198.9/5

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 1.203+/-0.508 χ^2/NDF:5.3/2

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: -0.096+/-0.522 χ^2/NDF:6.6/2

Left: 0.572+/-0.364 χ^2/NDF: 15.1/5

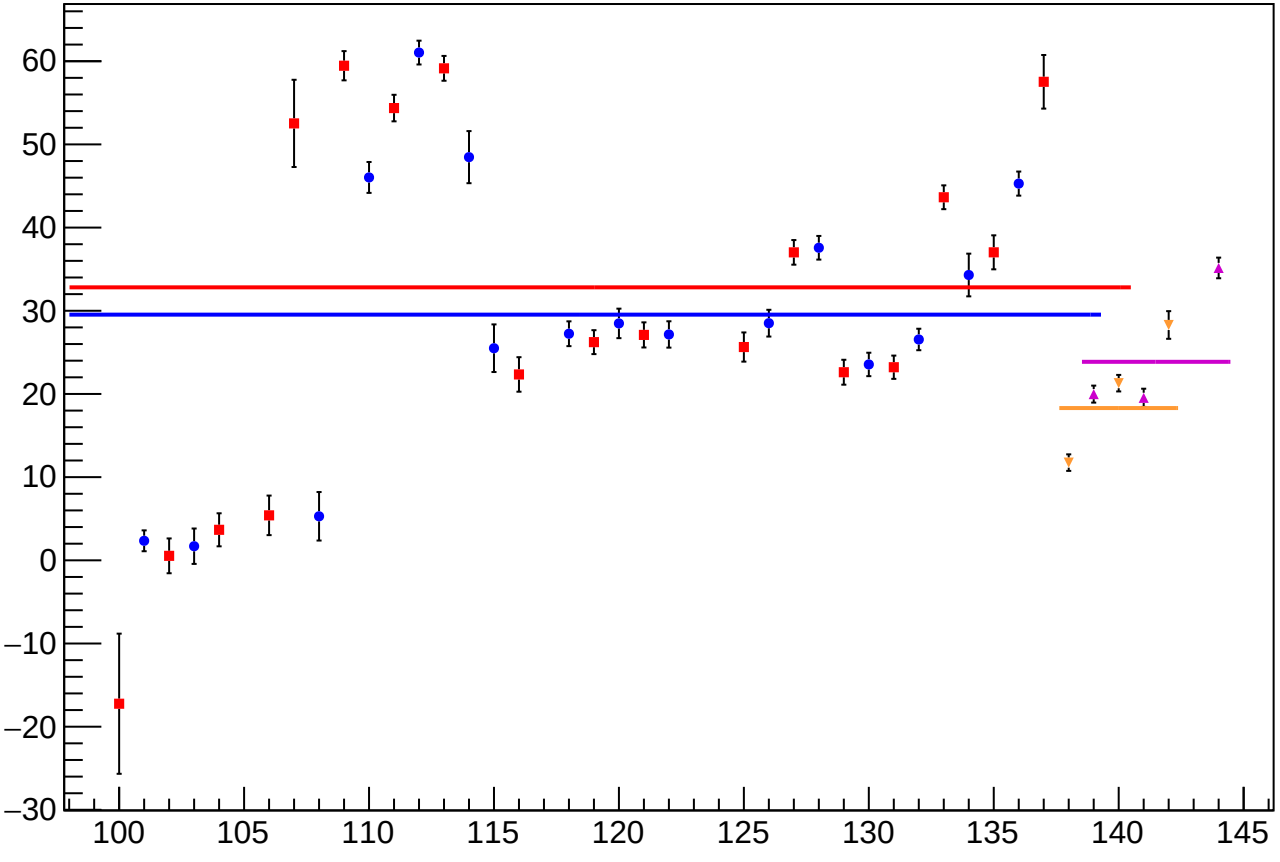
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.994+/-0.201 χ^2/NDF:494.3/18

Out: 3.848+/-0.206 χ^2/NDF:391.6/20

All: 3.410+/-0.144 χ^2/NDF: 894.7/39

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: 18.305+/-0.647 χ^2/NDF:88.7/2

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 23.864+/-0.640 χ^2/NDF:112.8/2

Left: 21.116+/-0.455 χ^2/NDF: 238.8/5

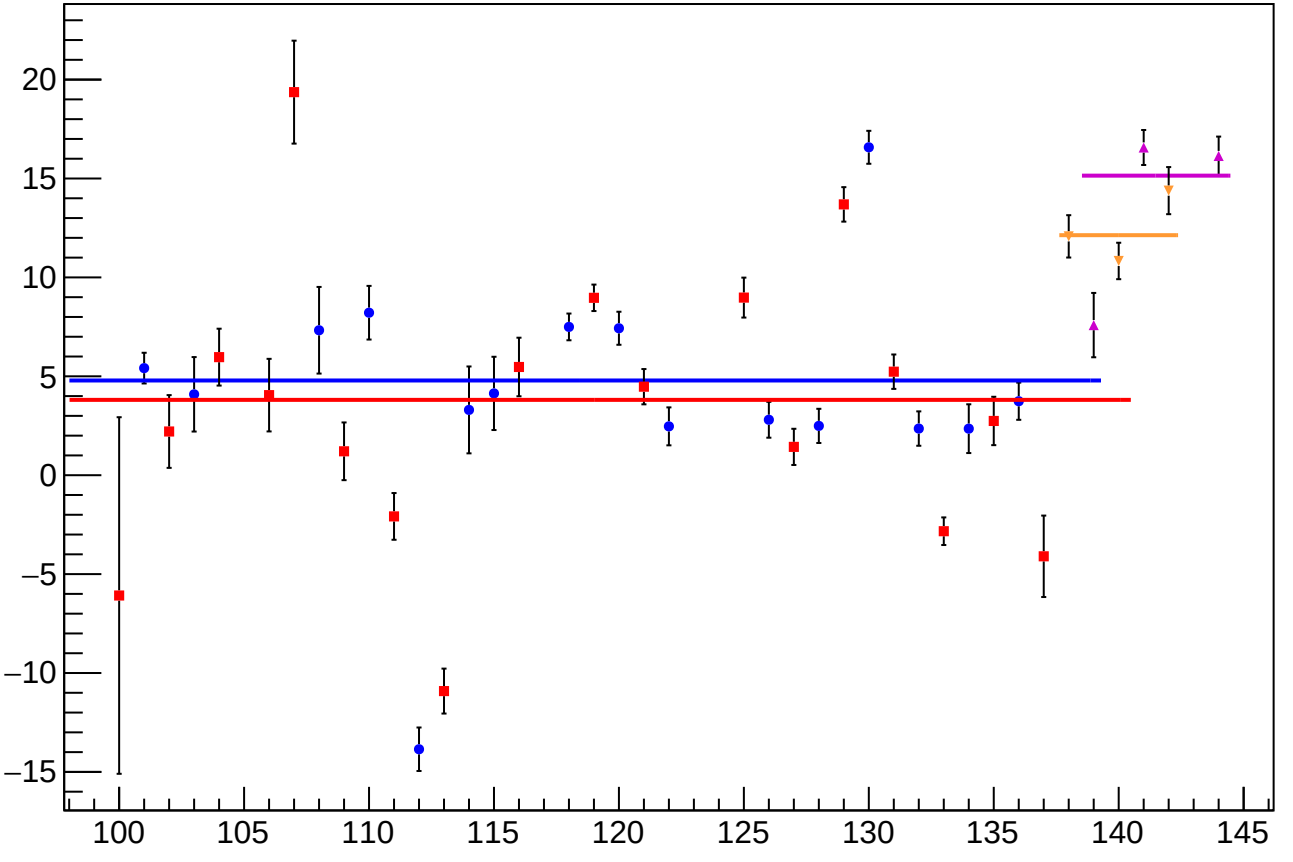
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 27.846+/-0.349 χ^2/NDF:1662.8/18

Out: 28.474+/-0.354 χ^2/NDF:2100.4/20

All: 28.156+/-0.249 χ^2/NDF: 3764.8/39

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: 12.135+/-0.602 χ^2/NDF:5.6/2

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 15.145+/-0.609 χ^2/NDF:25.2/2

Left: 13.624+/-0.428 χ^2/NDF: 43.1/5

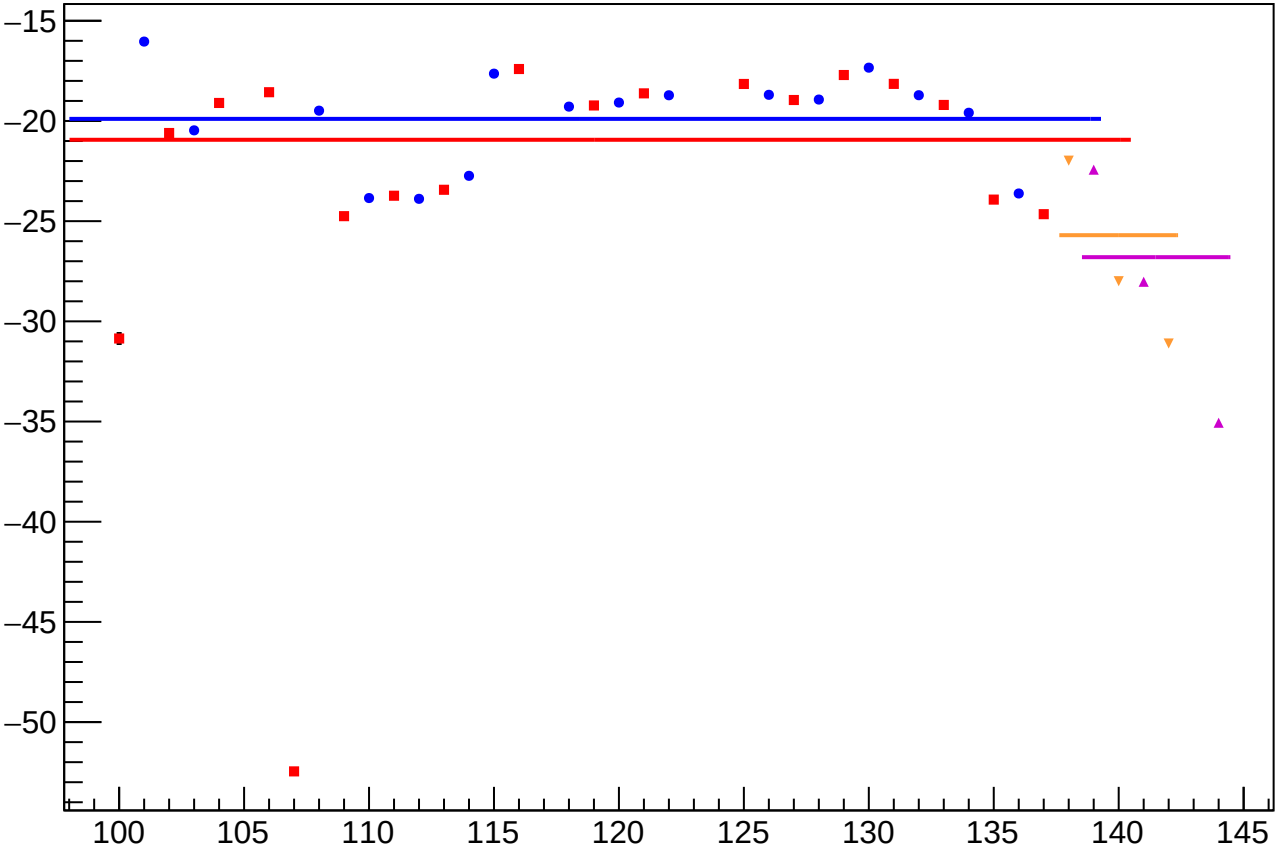
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 6.296+/-0.232 χ^2/NDF:826.4/18

Out: 5.107+/-0.238 χ^2/NDF:734.5/20

All: 5.716+/-0.166 χ^2/NDF: 1573.7/39

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: -25.700+/-0.027 χ^2/NDF:18412.0/2

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -26.797+/-0.025 χ^2/NDF:38710.5/2

Left: -26.288+/-0.018 χ^2/NDF: 58032.0/5

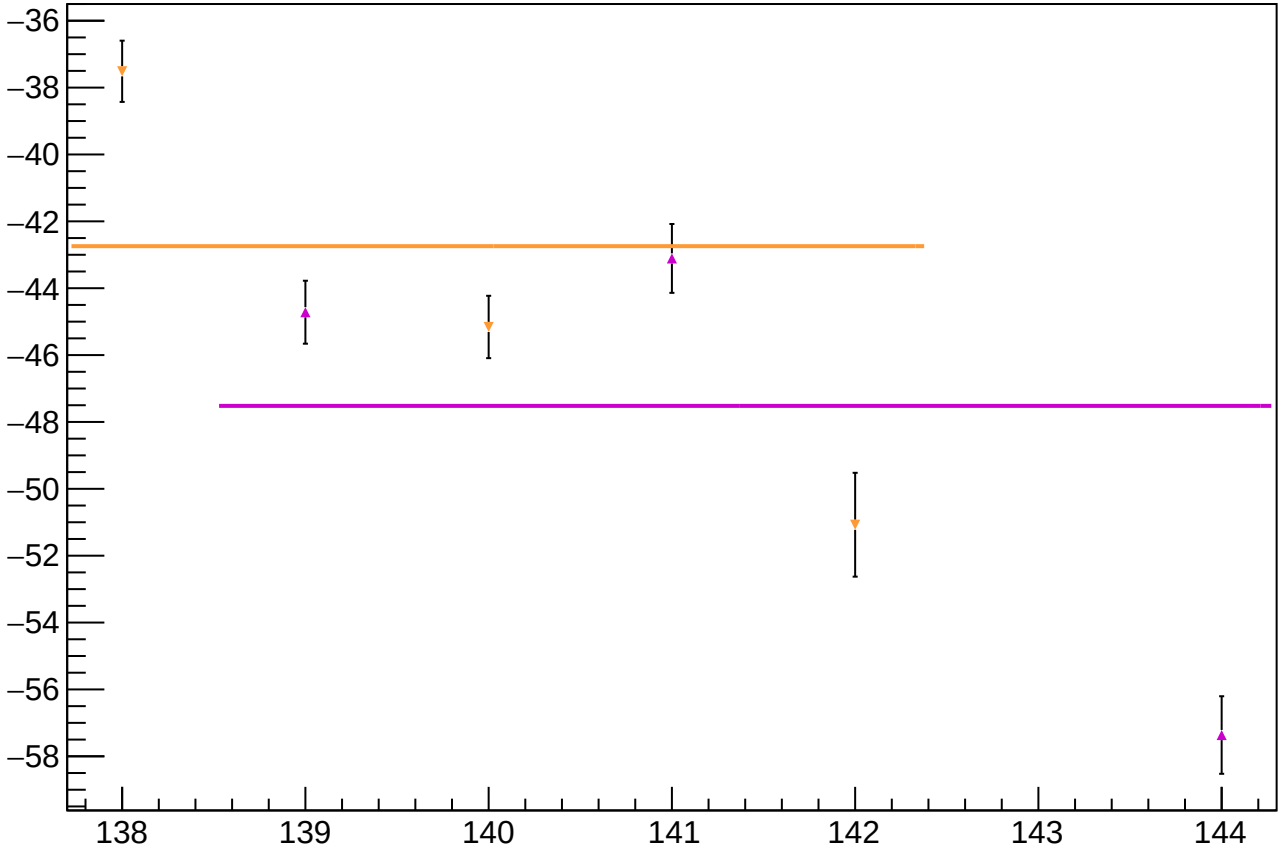
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -21.848+/-0.013 χ^2/NDF:120399.3/18

Out: -22.168+/-0.014 χ^2/NDF:136196.0/20

All: -22.004+/-0.009 χ^2/NDF: 256881.6/39

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: -42.742+/-0.602 χ^2/NDF:68.1/2

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

Left In: -47.519+/-0.596 χ^2/NDF:99.2/2

Left: -45.155+/-0.424 χ^2/NDF: 199.1/5

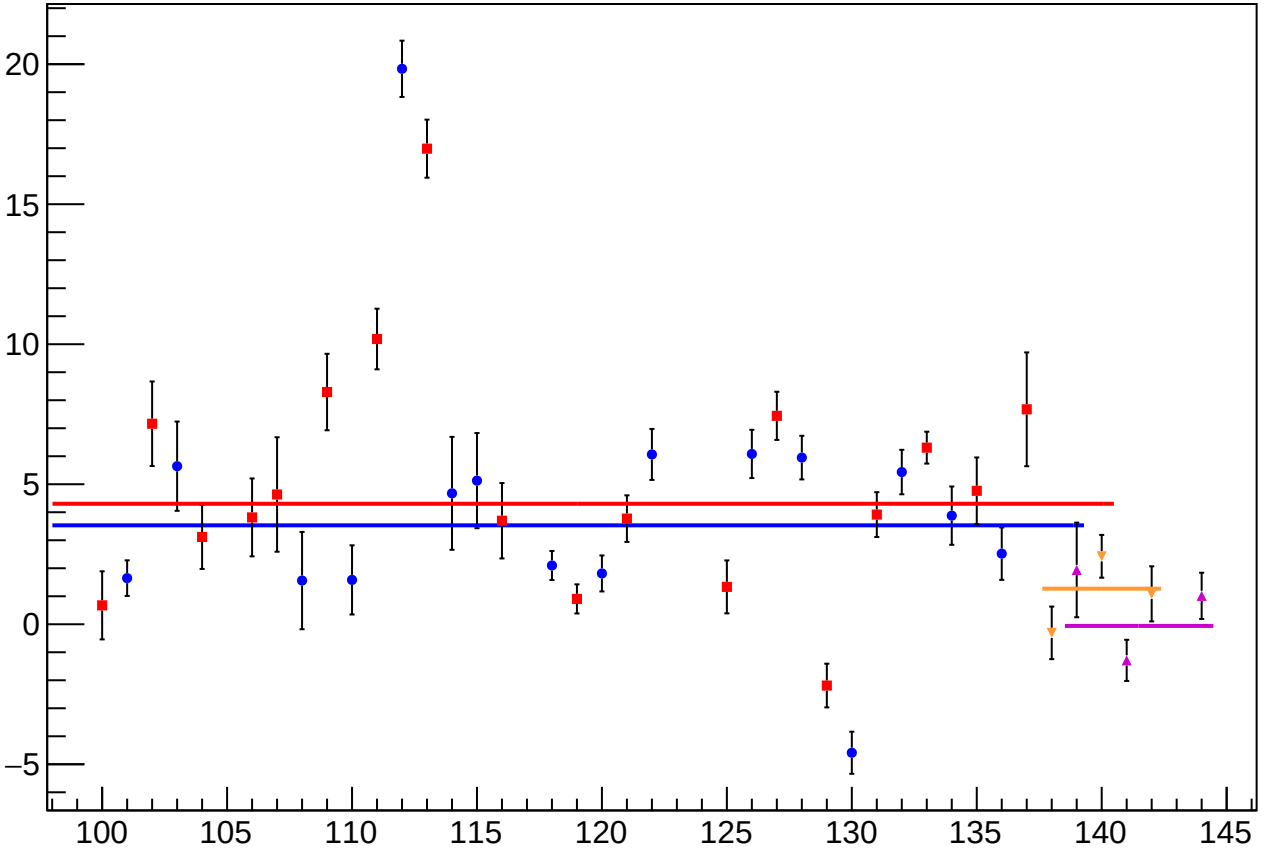
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -47.519+/-0.596 χ^2/NDF:99.2/2

Out: -42.742+/-0.602 χ^2/NDF:68.1/2

All: -45.155+/-0.424 χ^2/NDF: 199.1/5

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.270+/-0.507 χ^2/NDF:5.2/2

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: -0.059+/-0.522 χ^2/NDF:5.9/2

Left: 0.624+/-0.364 χ^2/NDF: 14.4/5

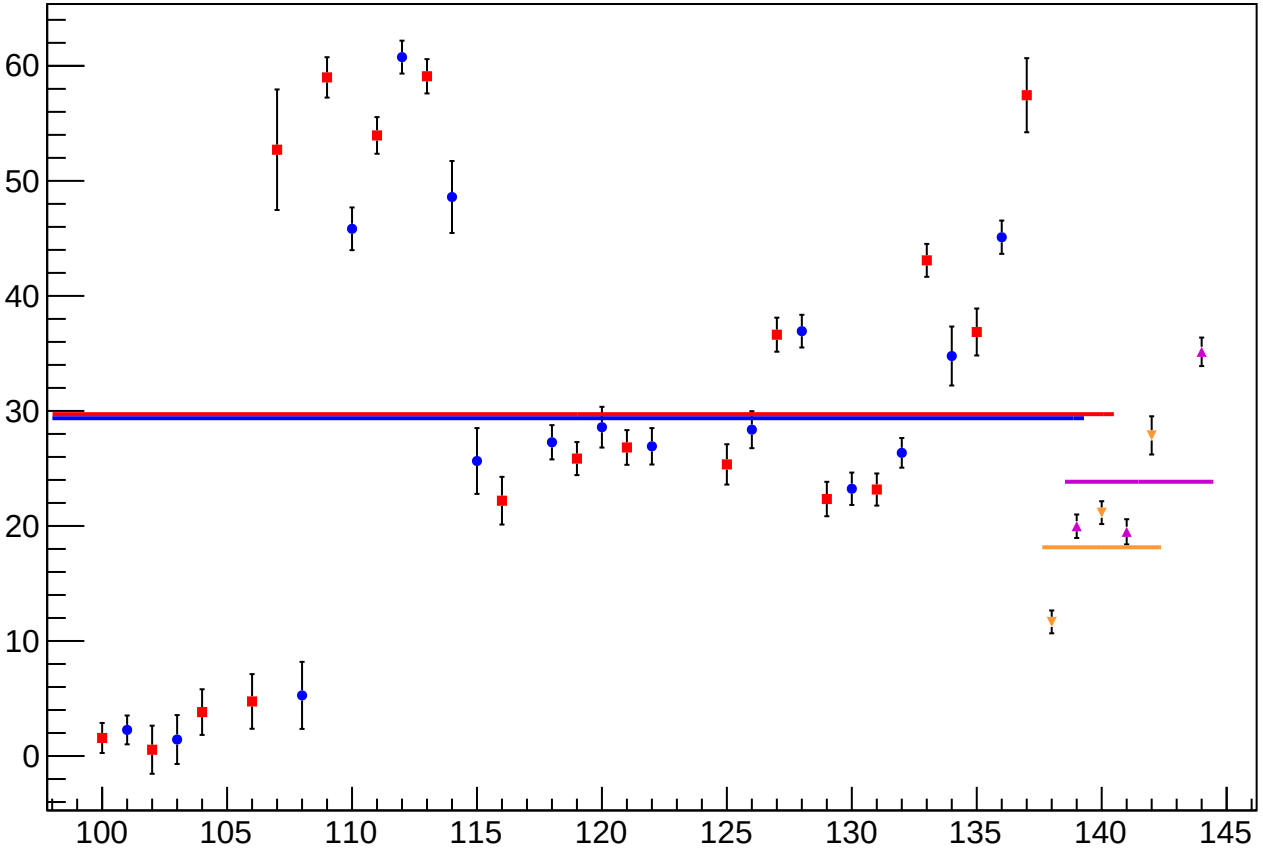
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 3.002+/-0.201 χ^2/NDF:489.5/18

Out: 3.818+/-0.203 χ^2/NDF:387.9/20

All: 3.405+/-0.143 χ^2/NDF: 885.6/39

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: 18.145+/-0.647 χ^2/NDF:86.1/2

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 23.843+/-0.640 χ^2/NDF:113.1/2

Left: 21.026+/-0.455 χ^2/NDF: 238.5/5

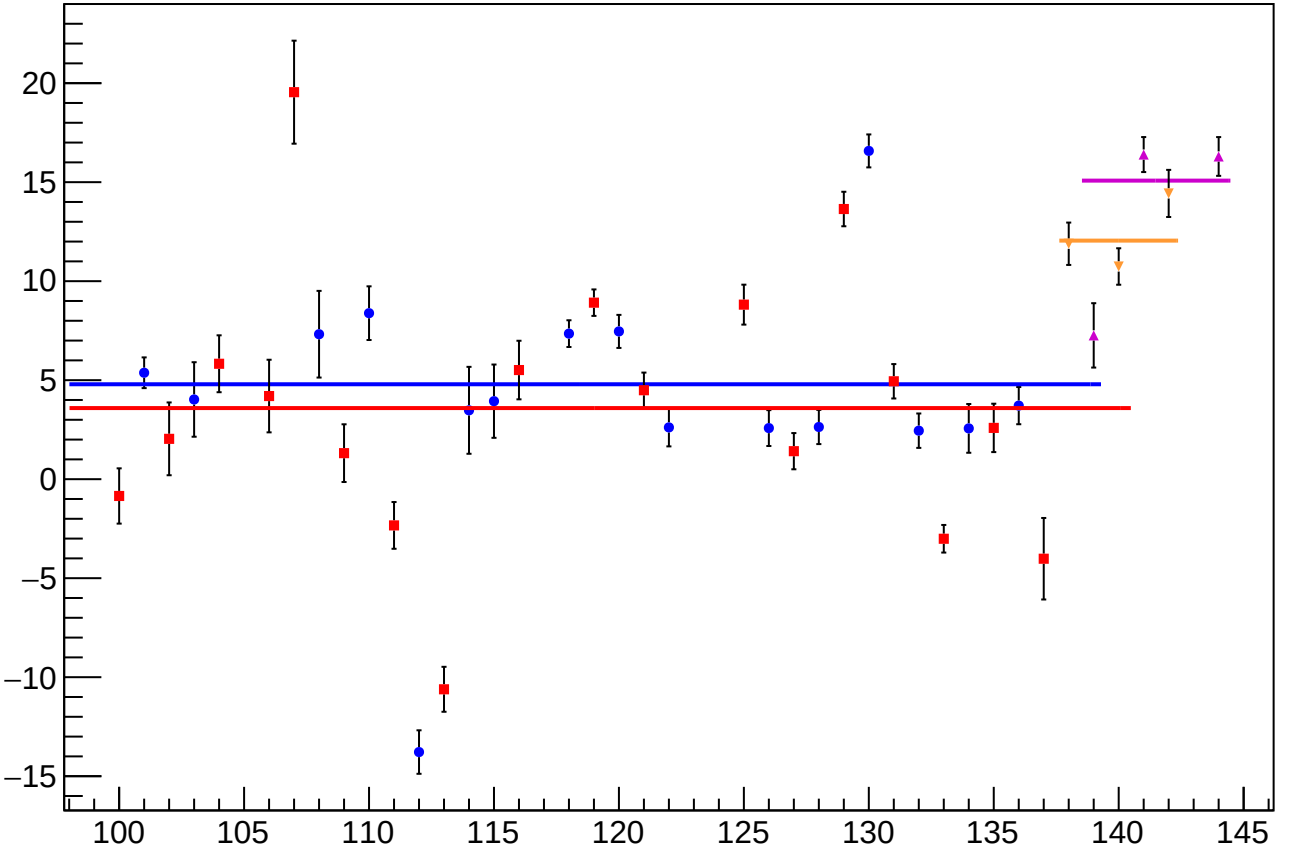
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 27.722+/-0.349 χ^2/NDF:1654.3/18

Out: 26.488+/-0.342 χ^2/NDF:2446.4/20

All: 27.092+/-0.244 χ^2/NDF: 4107.1/39

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: 12.049+/-0.602 χ^2/NDF:6.0/2

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 15.078+/-0.608 χ^2/NDF:26.9/2

Left: 13.548+/-0.428 χ^2/NDF: 45.5/5

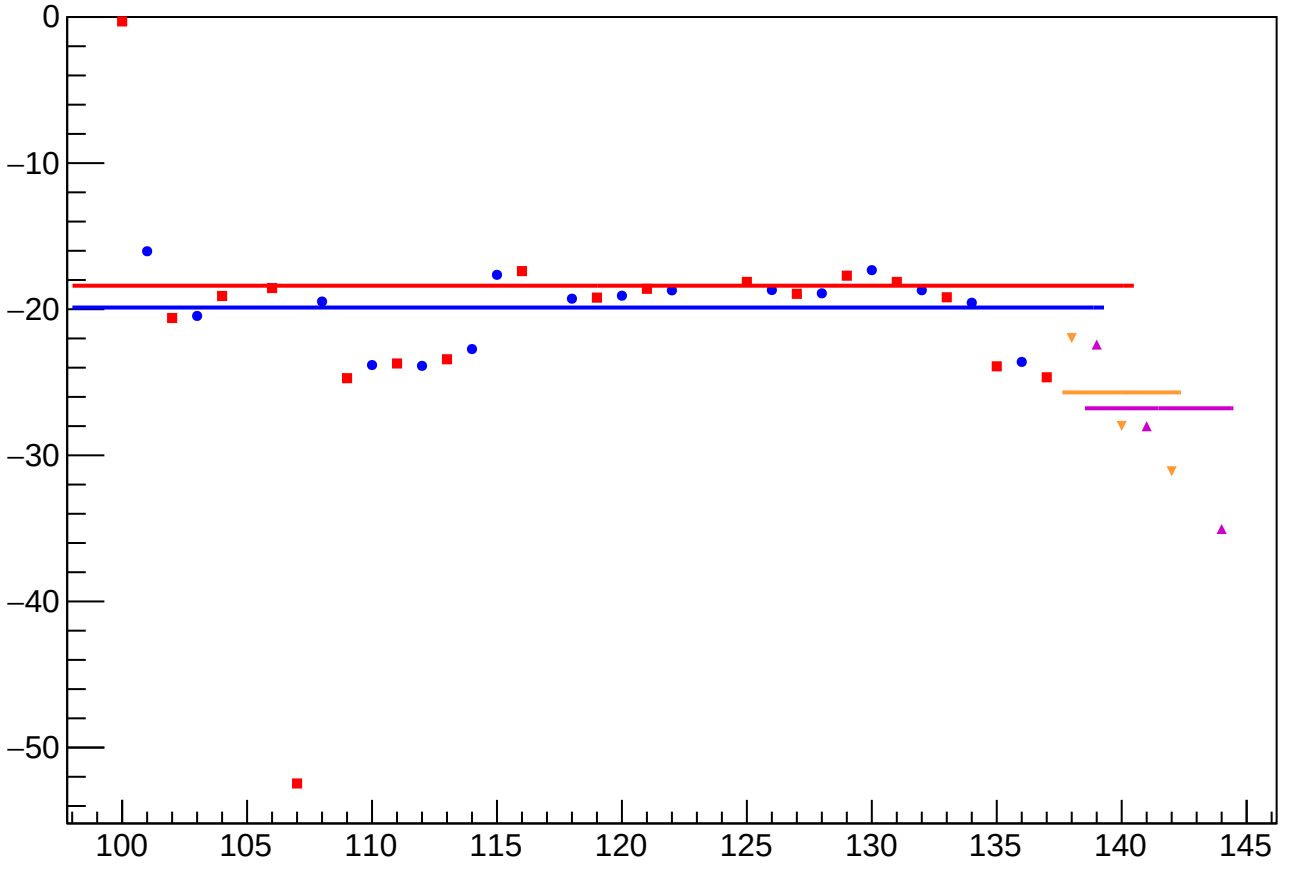
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 6.291+/-0.232 χ^2/NDF:821.1/18

Out: 4.873+/-0.234 χ^2/NDF:746.8/20

All: 5.589+/-0.165 χ^2/NDF: 1586.4/39

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: -25.694+/-0.027 χ^2/NDF:18388.1/2

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -26.780+/-0.025 χ^2/NDF:38717.6/2

Left: -26.276+/-0.018 χ^2/NDF: 57997.4/5

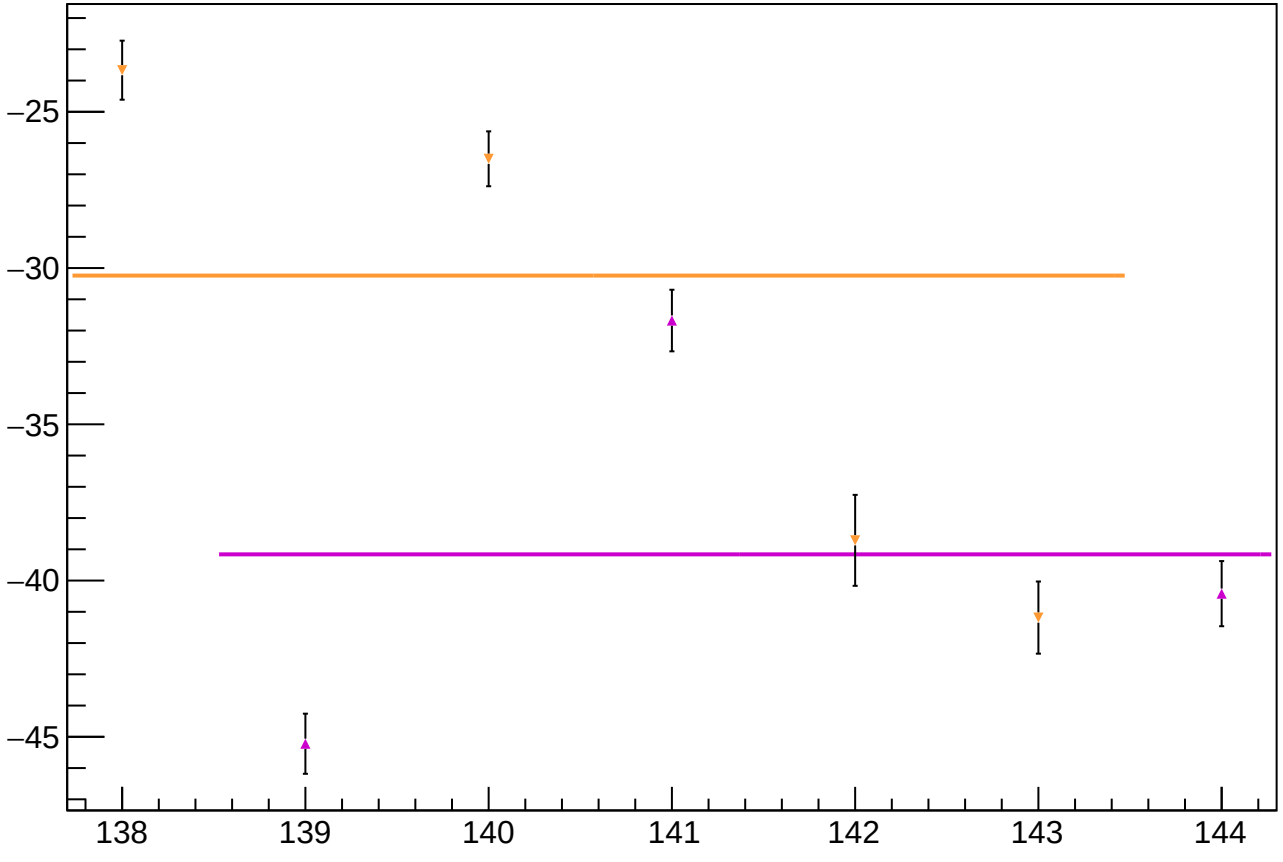
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -21.835+/-0.013 χ^2/NDF:120383.4/18

Out: -20.104+/-0.013 χ^2/NDF:377281.1/20

All: -20.951+/-0.009 χ^2/NDF: 506479.8/39

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: -30.240+/-0.524 χ^2/NDF:190.3/3

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

Left In: -39.161+/-0.574 χ^2/NDF:98.8/2

Left: -34.294+/-0.387 χ^2/NDF: 420.8/6

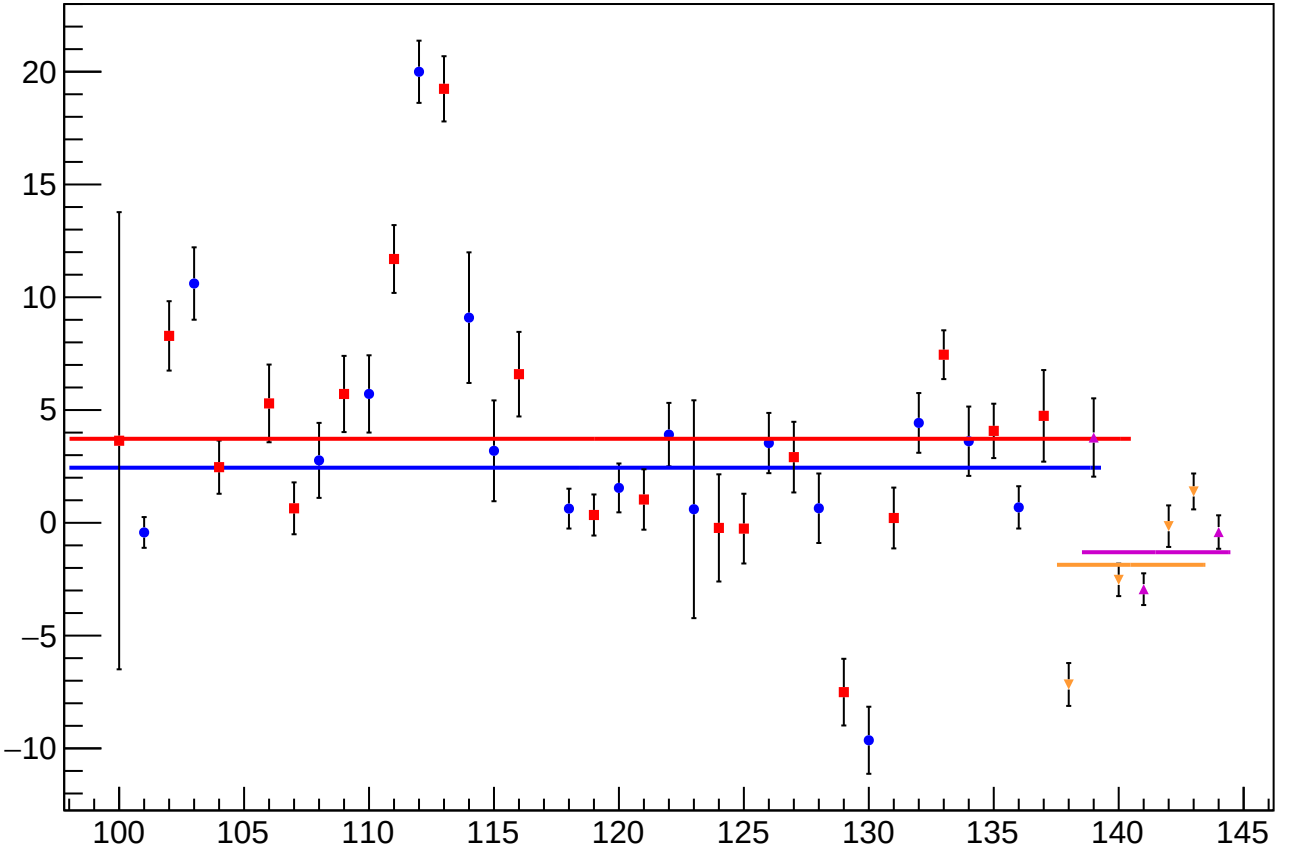
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.161+/-0.574 χ^2/NDF:98.8/2

Out: -30.240+/-0.524 χ^2/NDF:190.3/3

All: -34.294+/-0.387 χ^2/NDF: 420.8/6

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: -1.861+/-0.415 χ^2/NDF:52.2/3

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: -1.304+/-0.490 χ^2/NDF:15.5/2

Left: -1.628+/-0.317 χ^2/NDF: 68.4/6

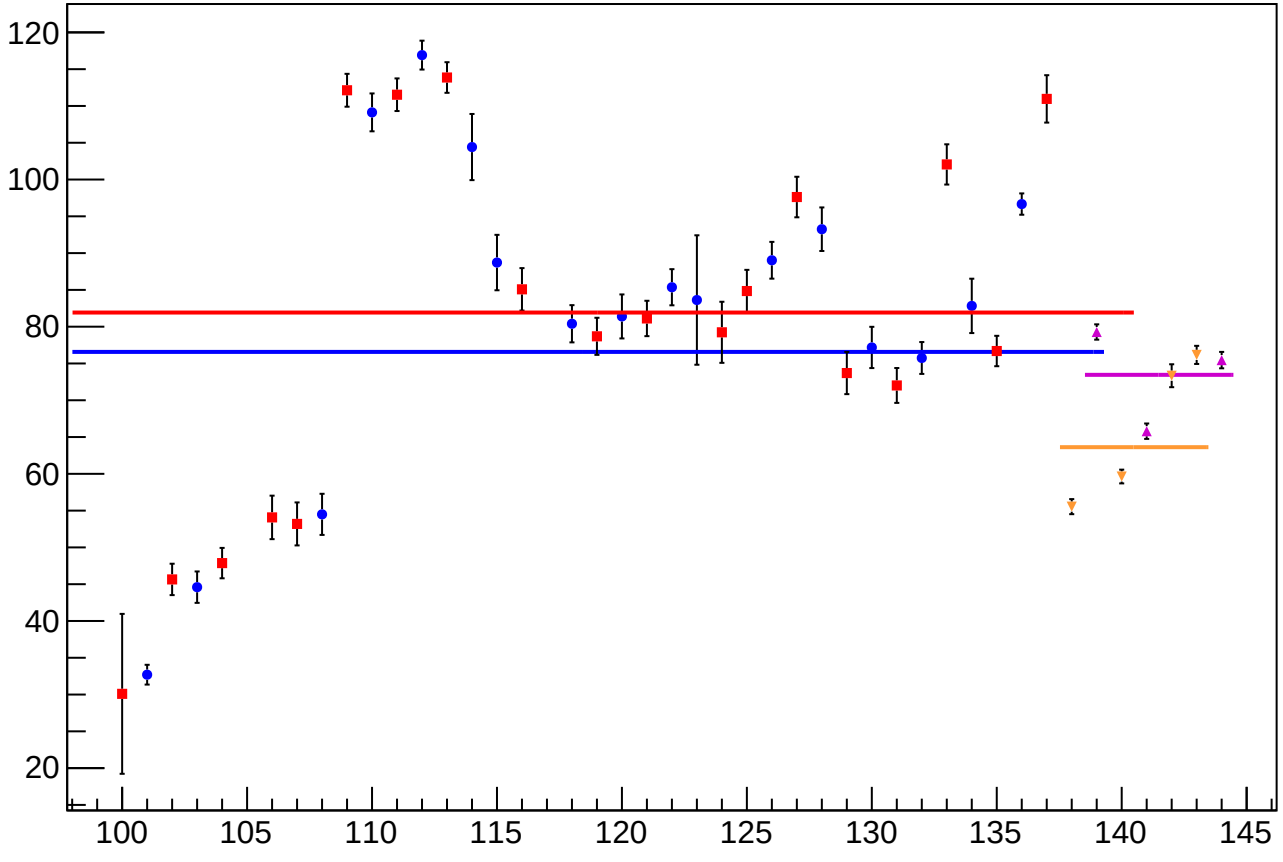
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 1.366+/-0.263 χ^2/NDF:352.5/19

Out: 1.590+/-0.257 χ^2/NDF:433.0/22

All: 1.481+/-0.184 χ^2/NDF: 785.9/42

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: 63.622+/-0.562 χ^2/NDF:223.0/3

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 73.454+/-0.616 χ^2/NDF:88.0/2

Left: 68.089+/-0.415 χ^2/NDF: 450.2/6

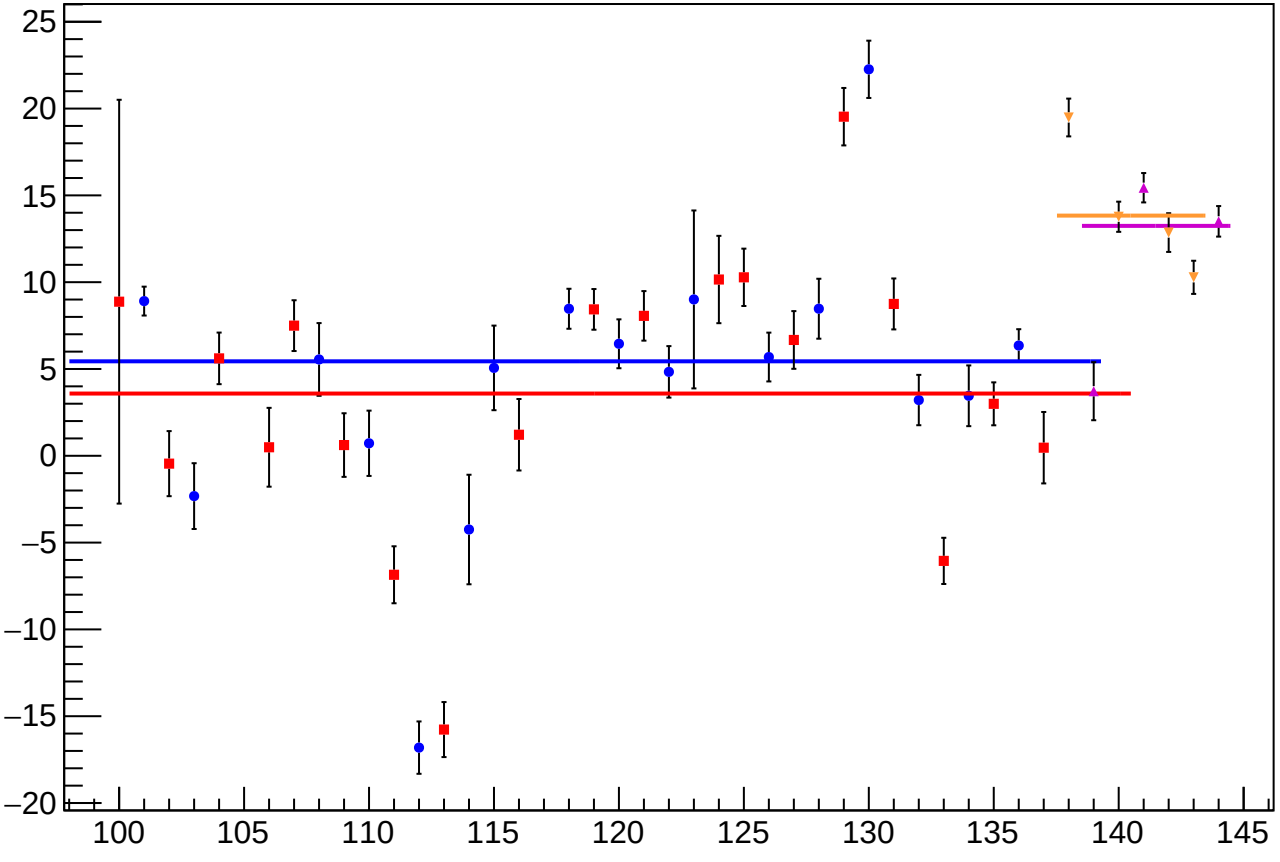
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 75.124+/-0.420 χ^2/NDF:2355.3/19

Out: 72.295+/-0.407 χ^2/NDF:2296.5/22

All: 73.668+/-0.292 χ^2/NDF: 4675.2/42

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: 13.835+/-0.496 χ^2/NDF:41.6/3

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 13.243+/-0.573 χ^2/NDF:39.3/2

Left: 13.582+/-0.375 χ^2/NDF: 81.5/6

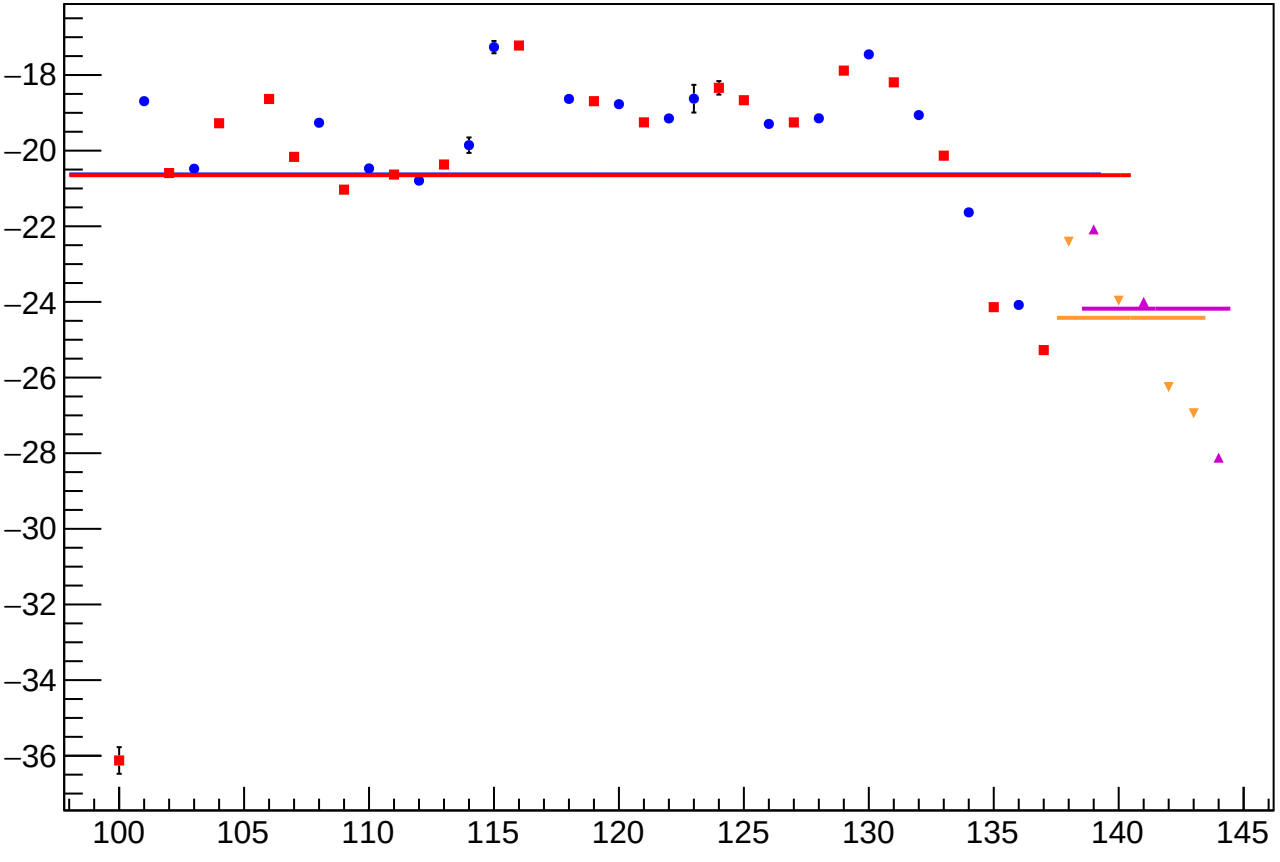
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 7.626+/-0.303 χ^2/NDF:560.2/19

Out: 7.320+/-0.299 χ^2/NDF:736.7/22

All: 7.471+/-0.213 χ^2/NDF: 1297.5/42

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: -24.420+/-0.023 χ^2/NDF:6059.4/3

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -24.179+/-0.024 χ^2/NDF:9801.3/2

Left: -24.305+/-0.017 χ^2/NDF: 15912.9/6

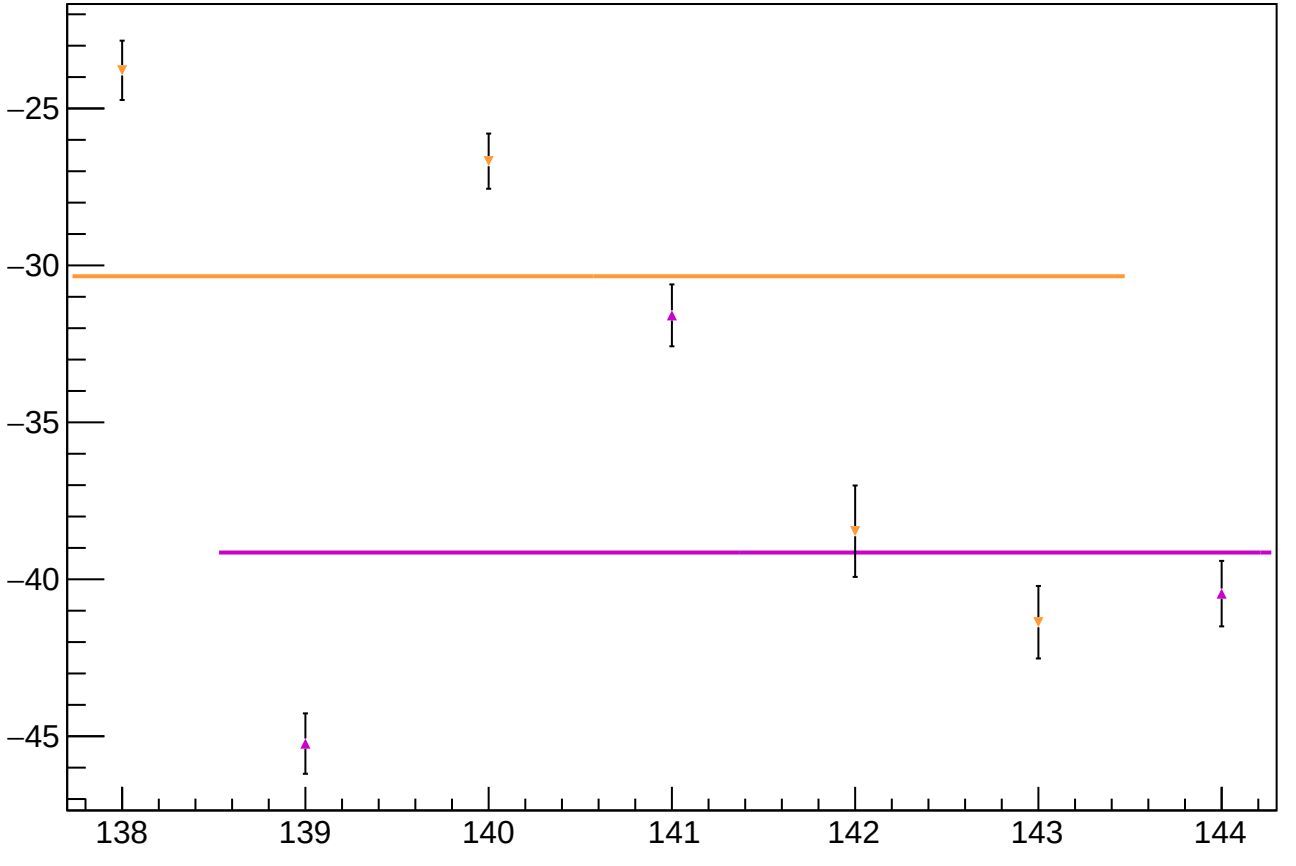
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -22.014+/-0.015 χ^2/NDF:35497.8/19

Out: -22.212+/-0.015 χ^2/NDF:35550.6/22

All: -22.114+/-0.011 χ^2/NDF: 71136.4/42

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: -30.345+/-0.524 χ^2/NDF:187.7/3

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

Left In: -39.147+/-0.575 χ^2/NDF:100.3/2

Left: -34.345+/-0.387 χ^2/NDF: 416.0/6

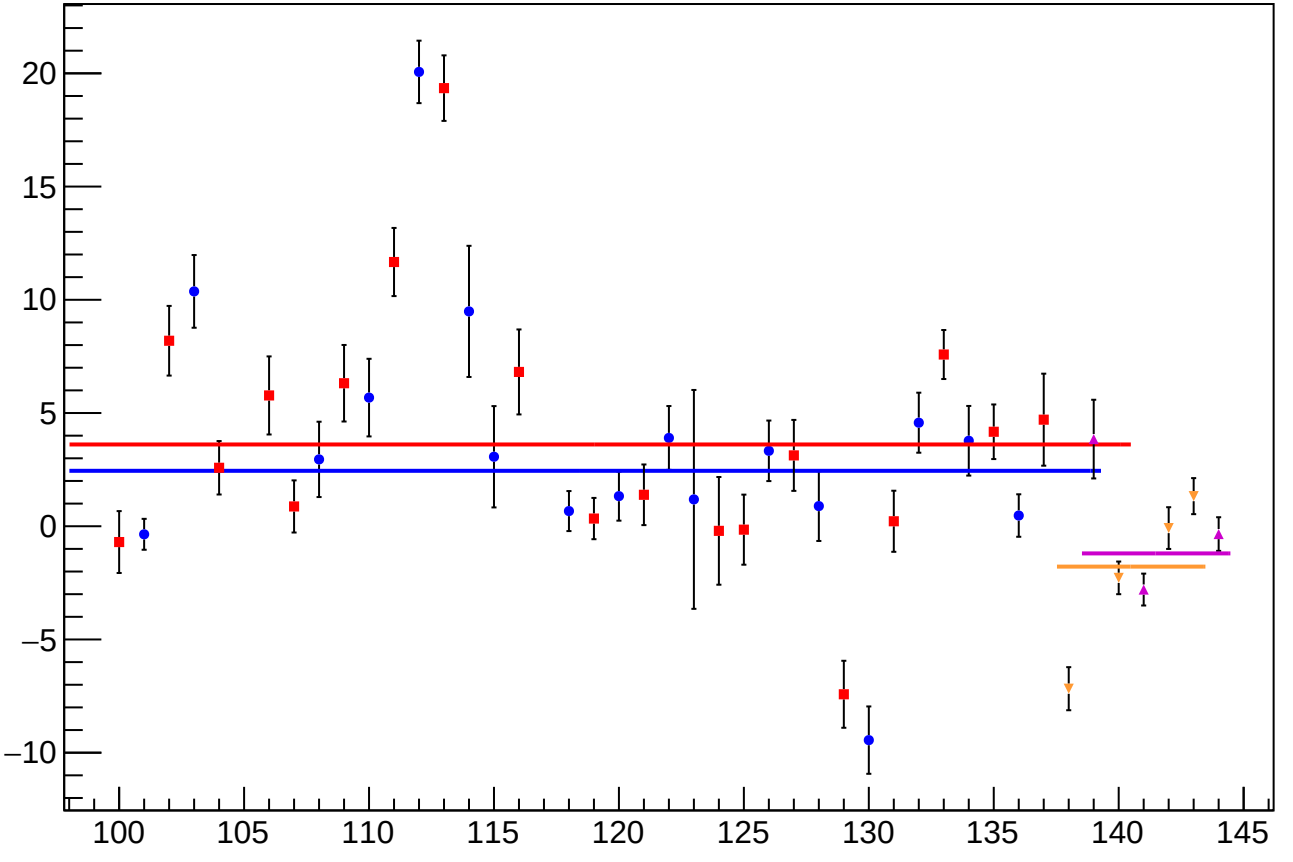
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.147+/-0.575 χ^2/NDF:100.3/2

Out: -30.345+/-0.524 χ^2/NDF:187.7/3

All: -34.345+/-0.387 χ^2/NDF: 416.0/6

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: -1.783+/-0.416 χ^2/NDF:51.3/3

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: -1.200+/-0.490 χ^2/NDF:14.9/2

Left: -1.539+/-0.317 χ^2/NDF: 67.0/6

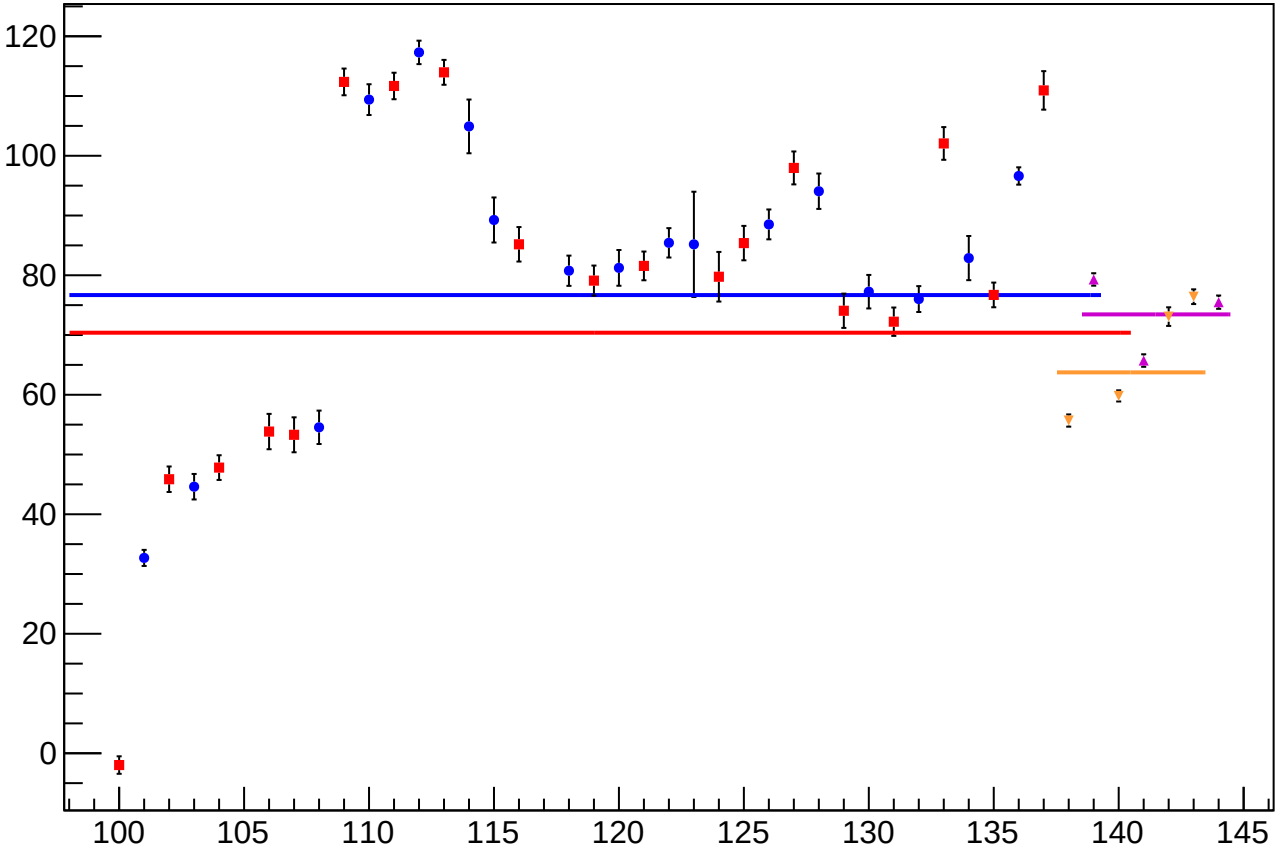
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 1.399+/-0.263 χ^2/NDF:347.8/19

Out: 1.618+/-0.253 χ^2/NDF:436.8/22

All: 1.513+/-0.182 χ^2/NDF: 785.0/42

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: 63.748+/-0.562 χ^2/NDF:221.0/3

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 73.452+/-0.616 χ^2/NDF:89.2/2

Left: 68.157+/-0.415 χ^2/NDF: 445.6/6

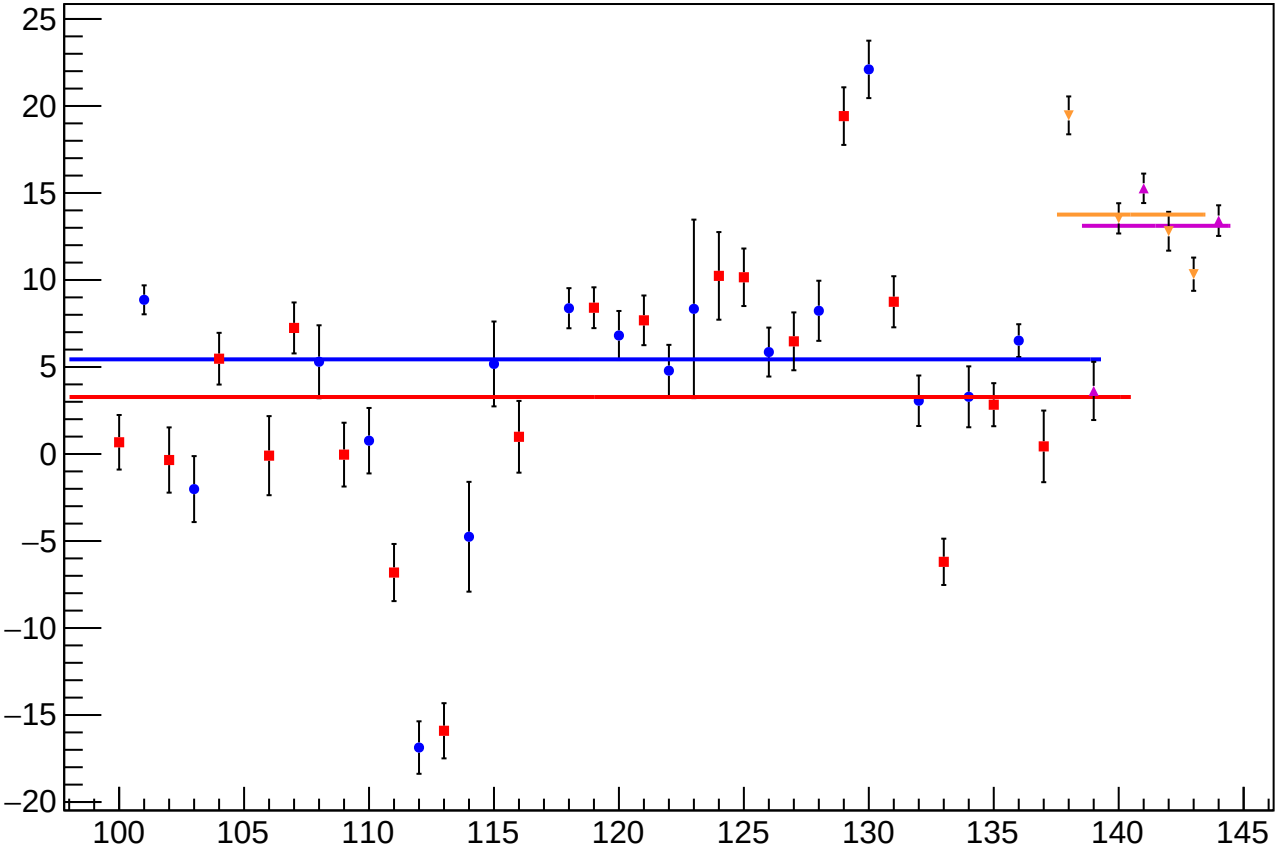
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 75.185+/-0.420 χ^2/NDF:2369.0/19

Out: 67.141+/-0.393 χ^2/NDF:4683.4/22

All: 70.898+/-0.287 χ^2/NDF: 7248.1/42

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: 13.759+/-0.496 χ^2/NDF:41.1/3

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 13.114+/-0.573 χ^2/NDF:38.8/2

Left: 13.483+/-0.375 χ^2/NDF: 80.6/6

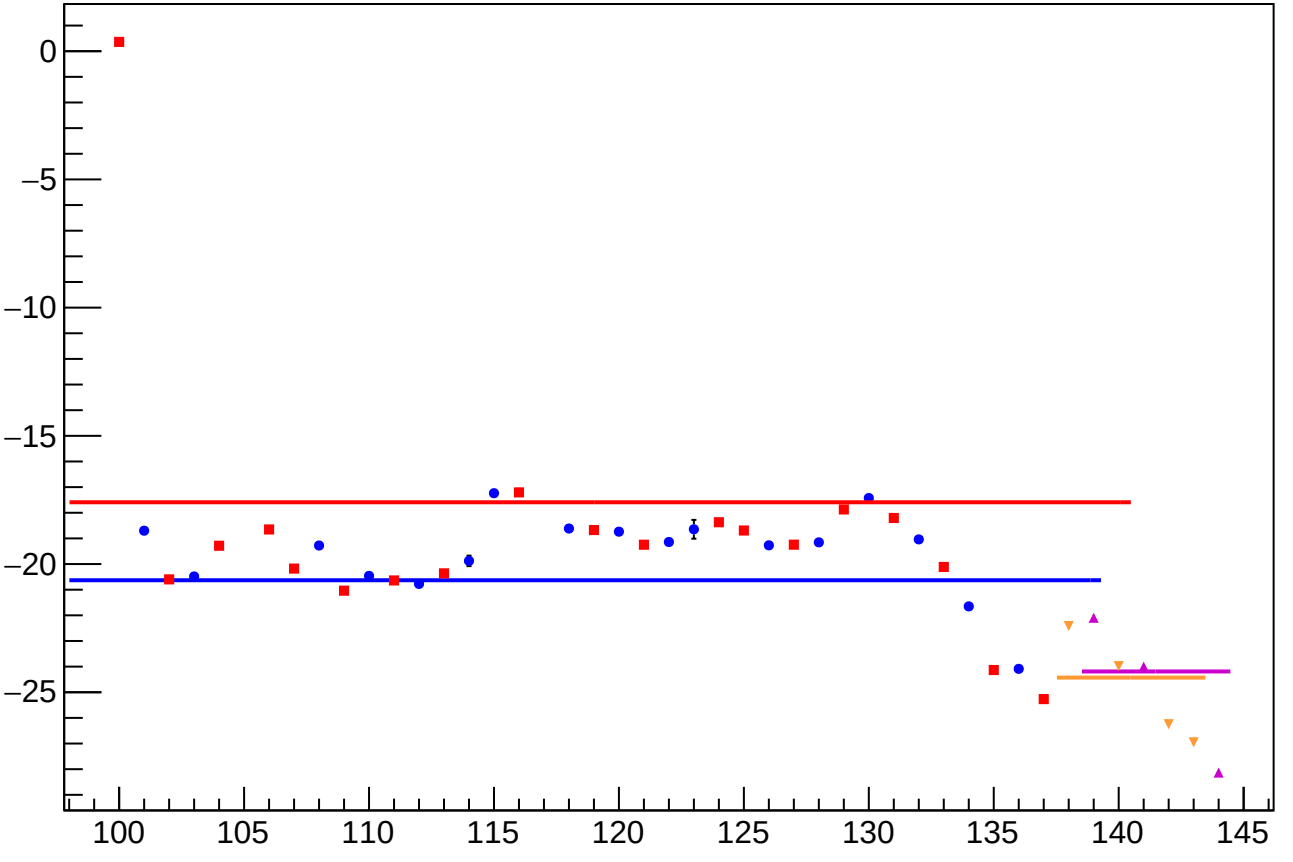
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 7.588+/-0.303 χ^2/NDF:553.7/19

Out: 6.963+/-0.294 χ^2/NDF:756.5/22

All: 7.266+/-0.211 χ^2/NDF: 1312.4/42

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: -24.428+/-0.023 χ^2/NDF:6028.0/3

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -24.189+/-0.024 χ^2/NDF:9793.5/2

Left: -24.314+/-0.017 χ^2/NDF: 15872.7/6

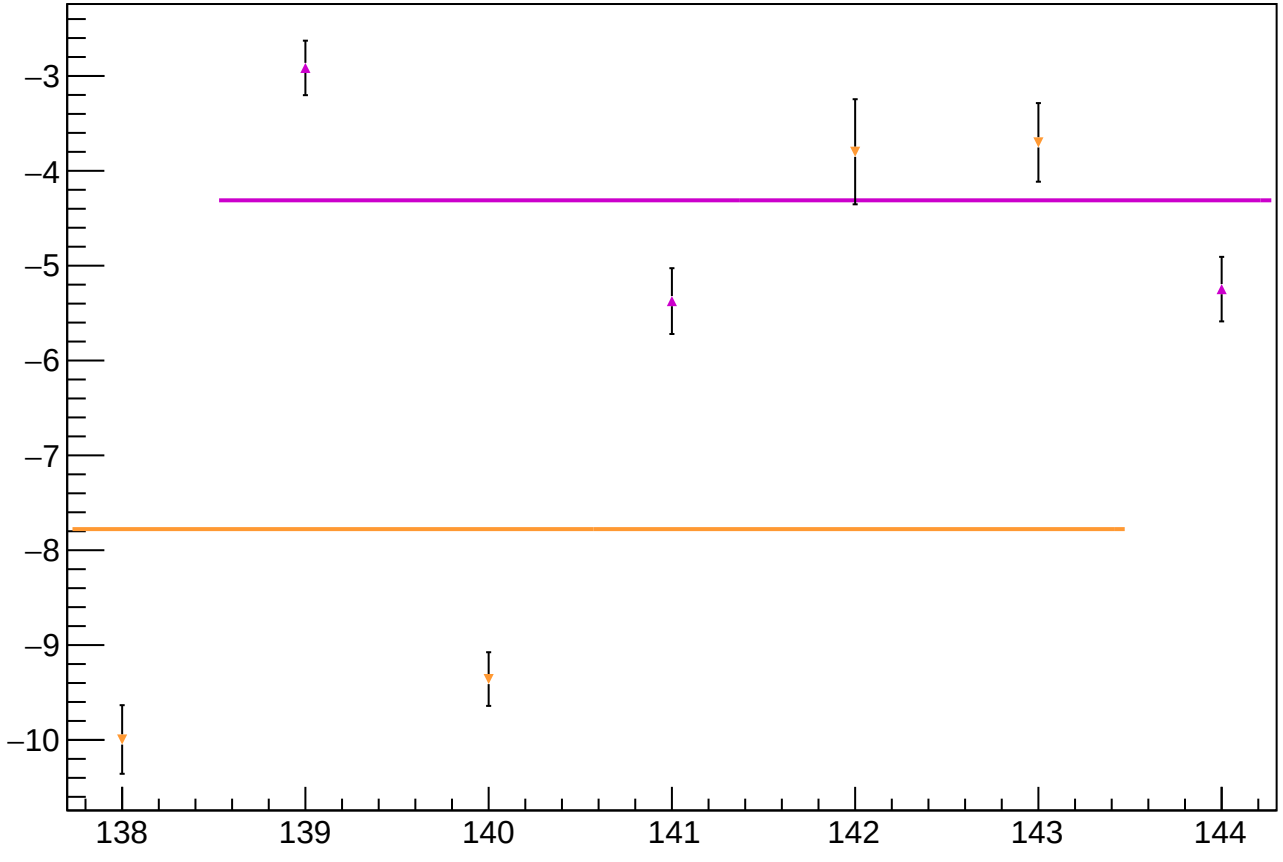
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -22.018+/-0.015 χ^2/NDF:35582.4/19

Out: -20.175+/-0.014 χ^2/NDF:239151.7/22

All: -21.042+/-0.010 χ^2/NDF: 282656.0/42

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: -7.777+/-0.185 χ^2/NDF:217.2/3

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

Left In: -4.311+/-0.185 χ^2/NDF:40.6/2

Left: -6.049+/-0.131 χ^2/NDF: 432.8/6

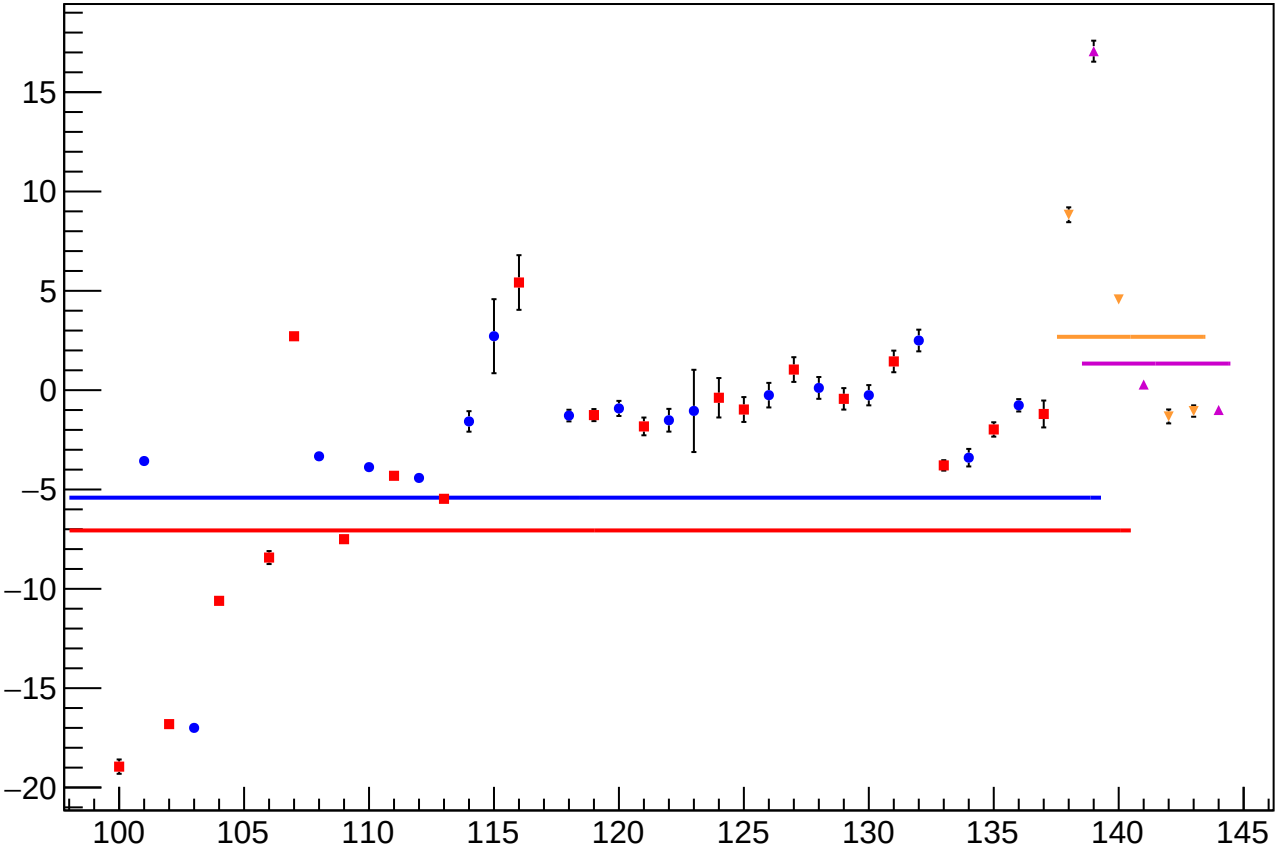
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.311+/-0.185 χ^2/NDF:40.6/2

Out: -7.777+/-0.185 χ^2/NDF:217.2/3

All: -6.049+/-0.131 χ^2/NDF: 432.8/6

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: 2.686+/-0.148 χ^2/NDF:633.1/3

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 1.338+/-0.166 χ^2/NDF:992.4/2

Left: 2.086+/-0.110 χ^2/NDF: 1662.3/6

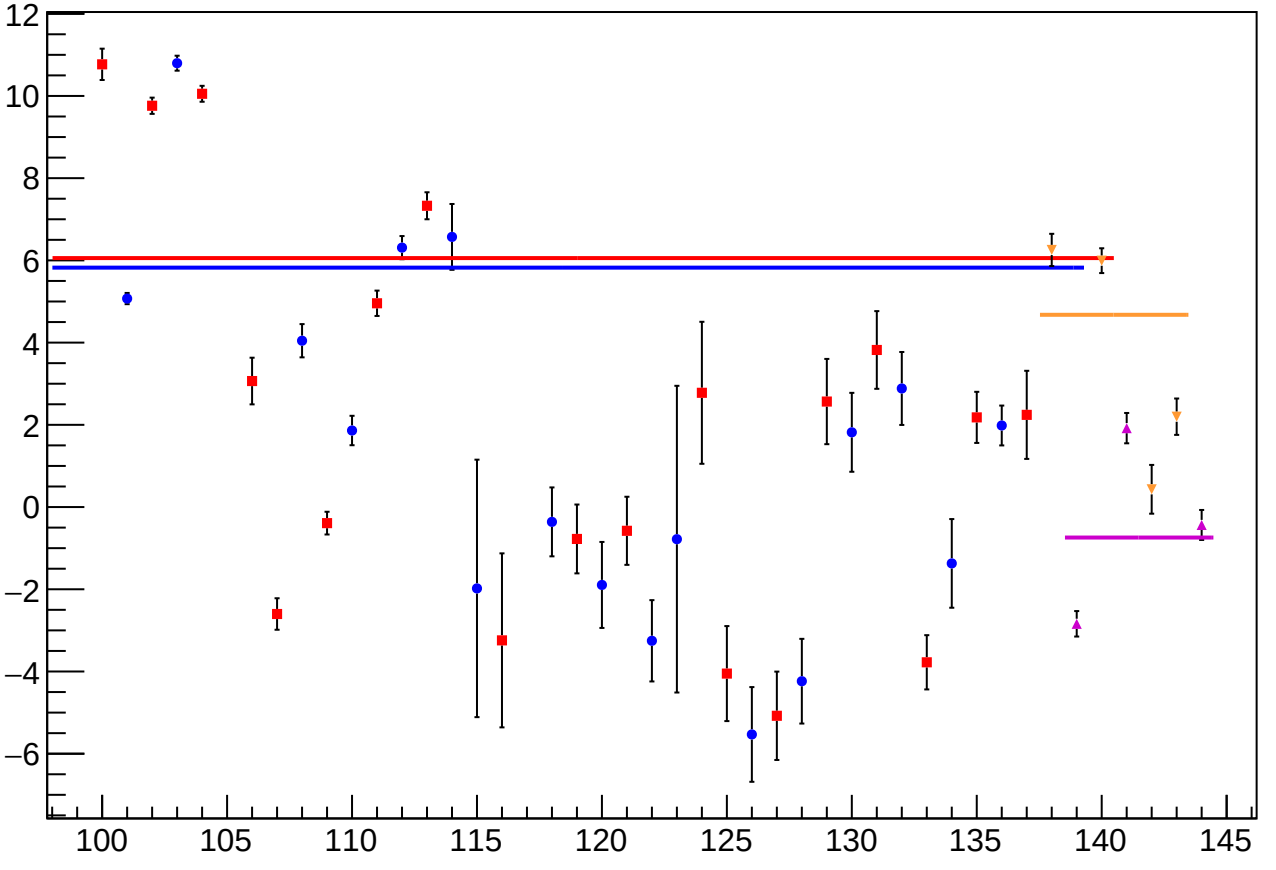
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -4.746+/-0.052 χ^2/NDF:11752.2/19

Out: -5.727+/-0.055 χ^2/NDF:16691.3/22

All: -5.210+/-0.038 χ^2/NDF: 28612.1/42

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: 4.677+/-0.198 χ^2/NDF:117.8/3

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -0.742+/-0.199 χ^2/NDF:98.6/2

Left: 1.976+/-0.140 χ^2/NDF: 588.7/6

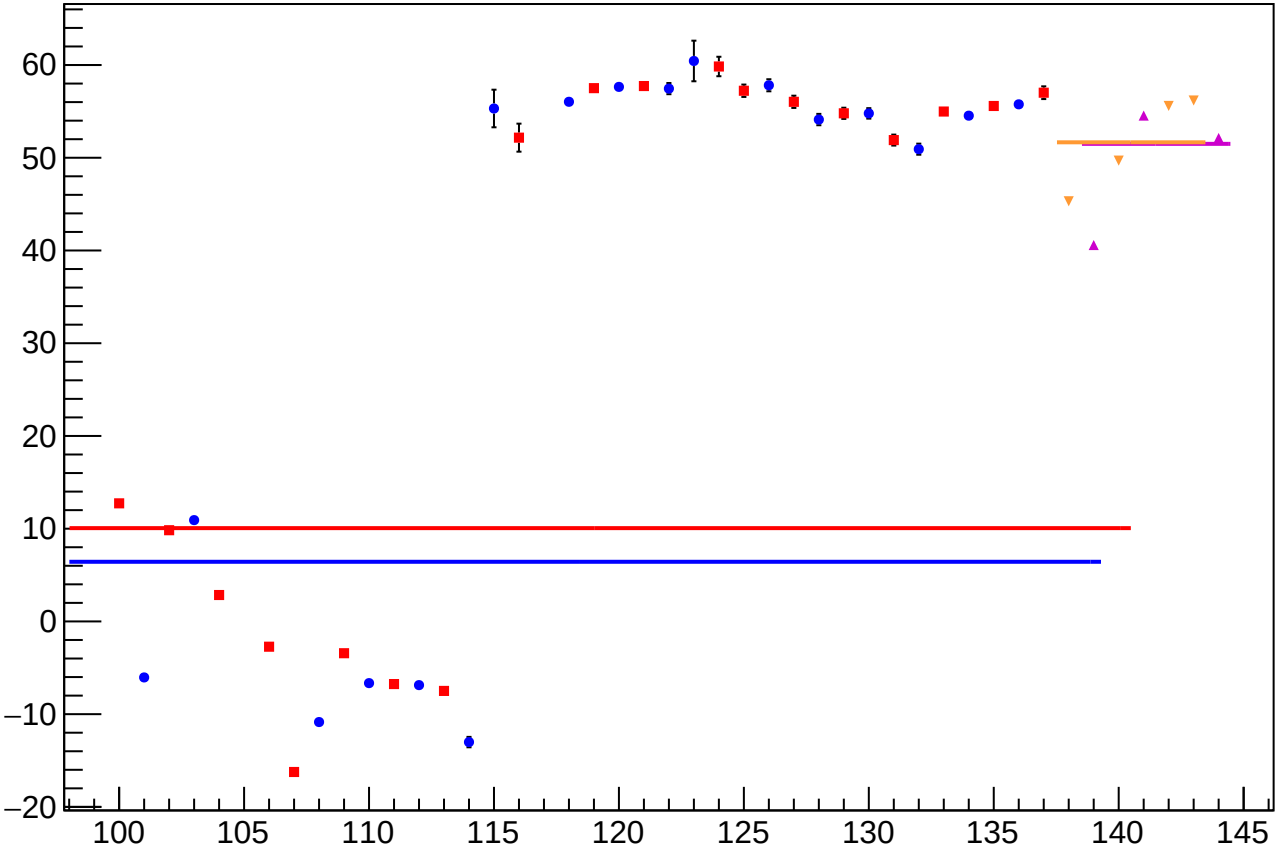
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 4.716+/-0.082 χ^2/NDF:2457.1/19

Out: 5.806+/-0.084 χ^2/NDF:2826.4/22

All: 5.243+/-0.059 χ^2/NDF: 5369.4/42

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: 51.665+/-0.177 χ^2/NDF:530.3/3

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 51.499+/-0.192 χ^2/NDF:566.2/2

Left: 51.589+/-0.130 χ^2/NDF: 1096.8/6

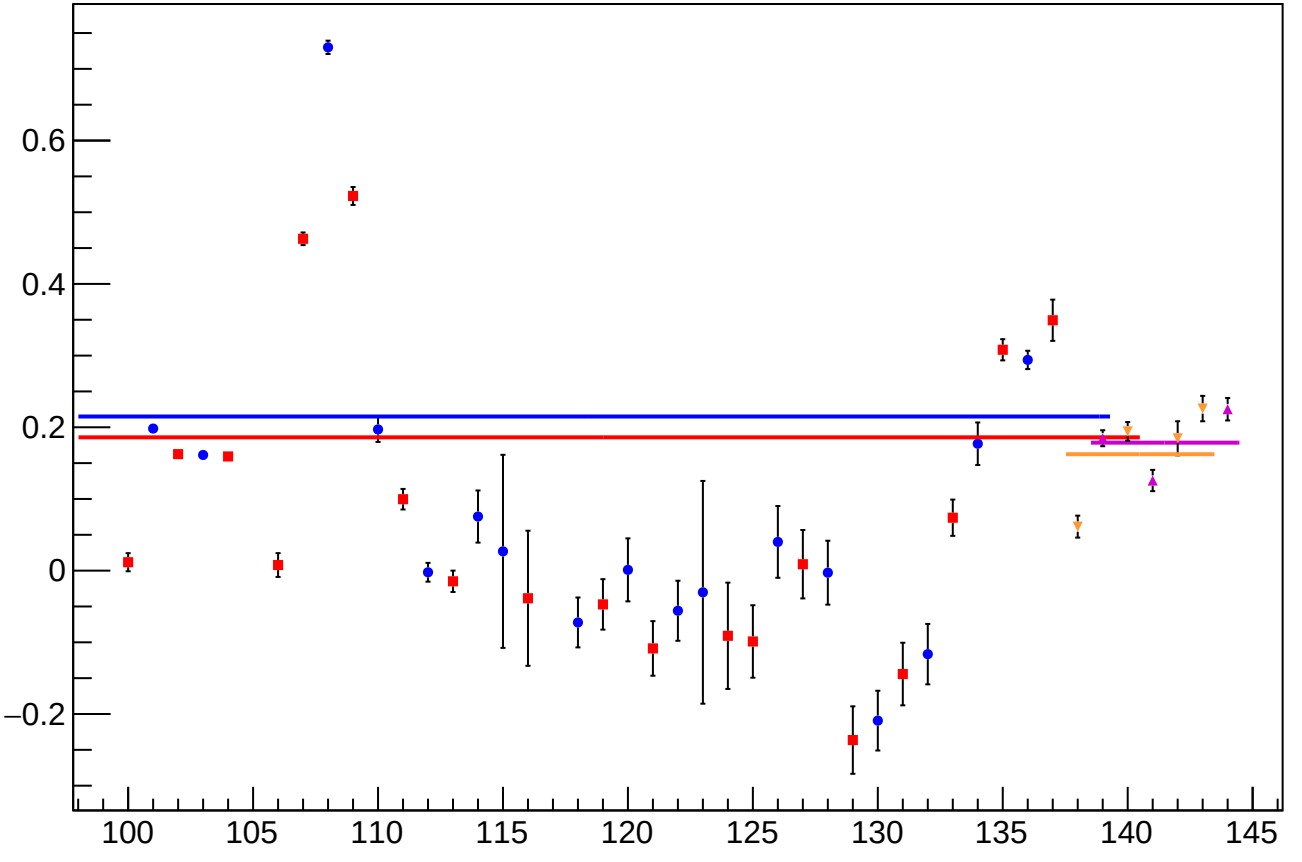
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 11.018+/-0.061 χ^2/NDF:173429.0/19

Out: 15.666+/-0.065 χ^2/NDF:170299.8/22

All: 13.212+/-0.045 χ^2/NDF: 346439.8/42

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: 0.162+/-0.008 χ^2/NDF:63.3/3

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.179+/-0.008 χ^2/NDF:21.8/2

Left: 0.171+/-0.006 χ^2/NDF: 87.1/6

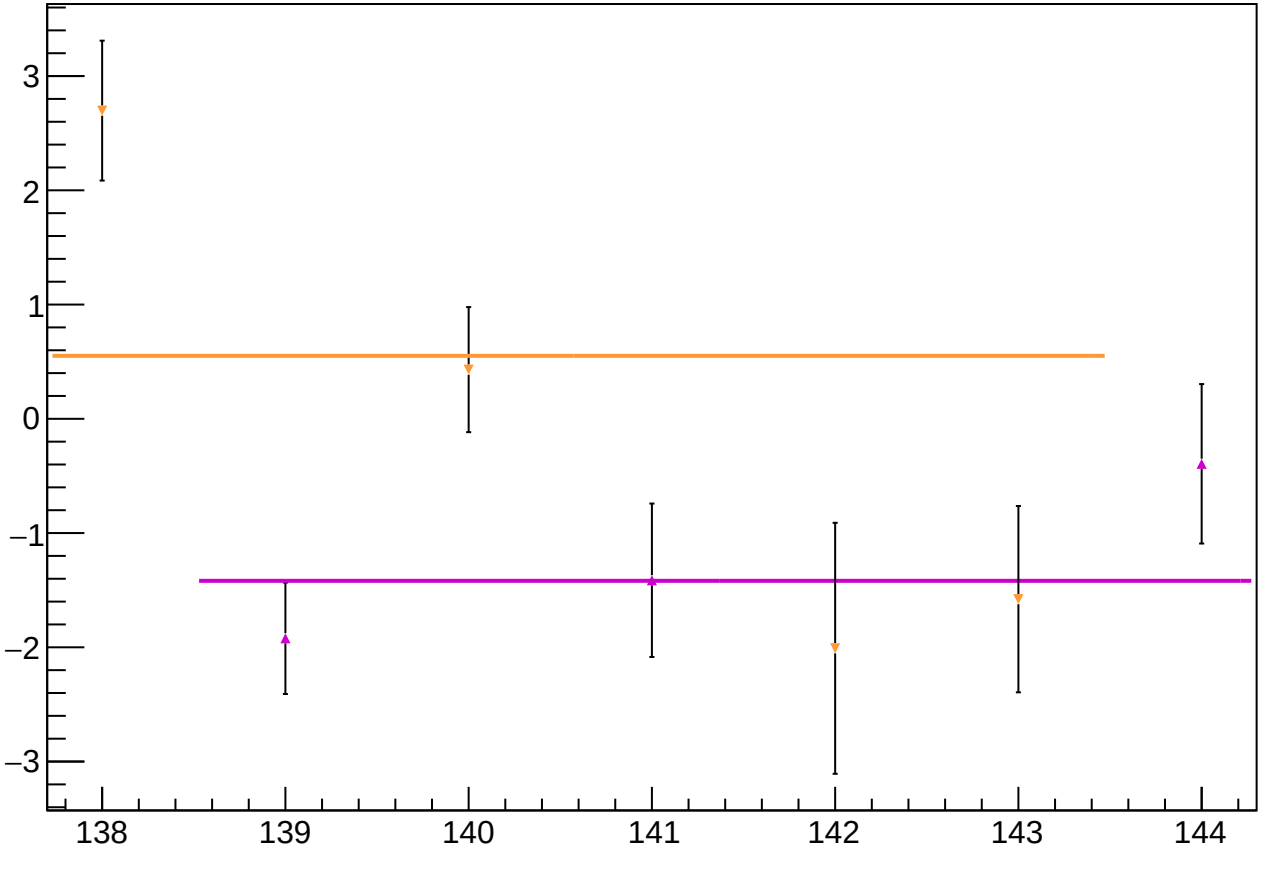
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.211+/-0.003 χ^2/NDF:3971.5/19

Out: 0.184+/-0.003 χ^2/NDF:2791.2/22

All: 0.197+/-0.002 χ^2/NDF: 6818.5/42

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: 0.551+/-0.346 χ^2/NDF:24.6/3

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

Left In: -1.418+/-0.344 χ^2/NDF:3.2/2

Left: -0.441+/-0.244 χ^2/NDF: 44.1/6

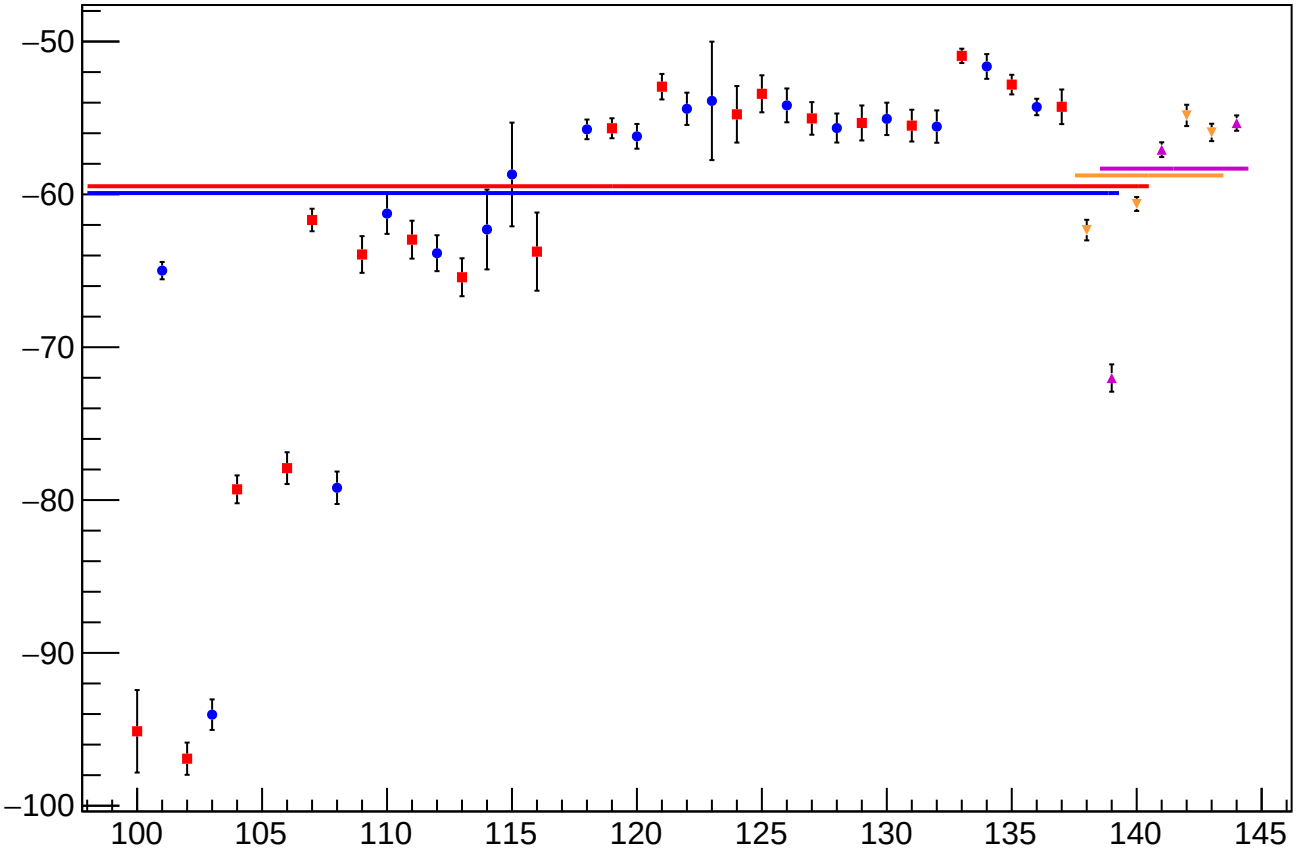
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.418+/-0.344 χ^2/NDF:3.2/2

Out: 0.551+/-0.346 χ^2/NDF:24.6/3

All: -0.441+/-0.244 χ^2/NDF: 44.1/6

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: -58.762+/-0.287 χ^2/NDF:101.1/3

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -58.316+/-0.325 χ^2/NDF:276.0/2

Left: -58.566+/-0.215 χ^2/NDF: 378.2/6

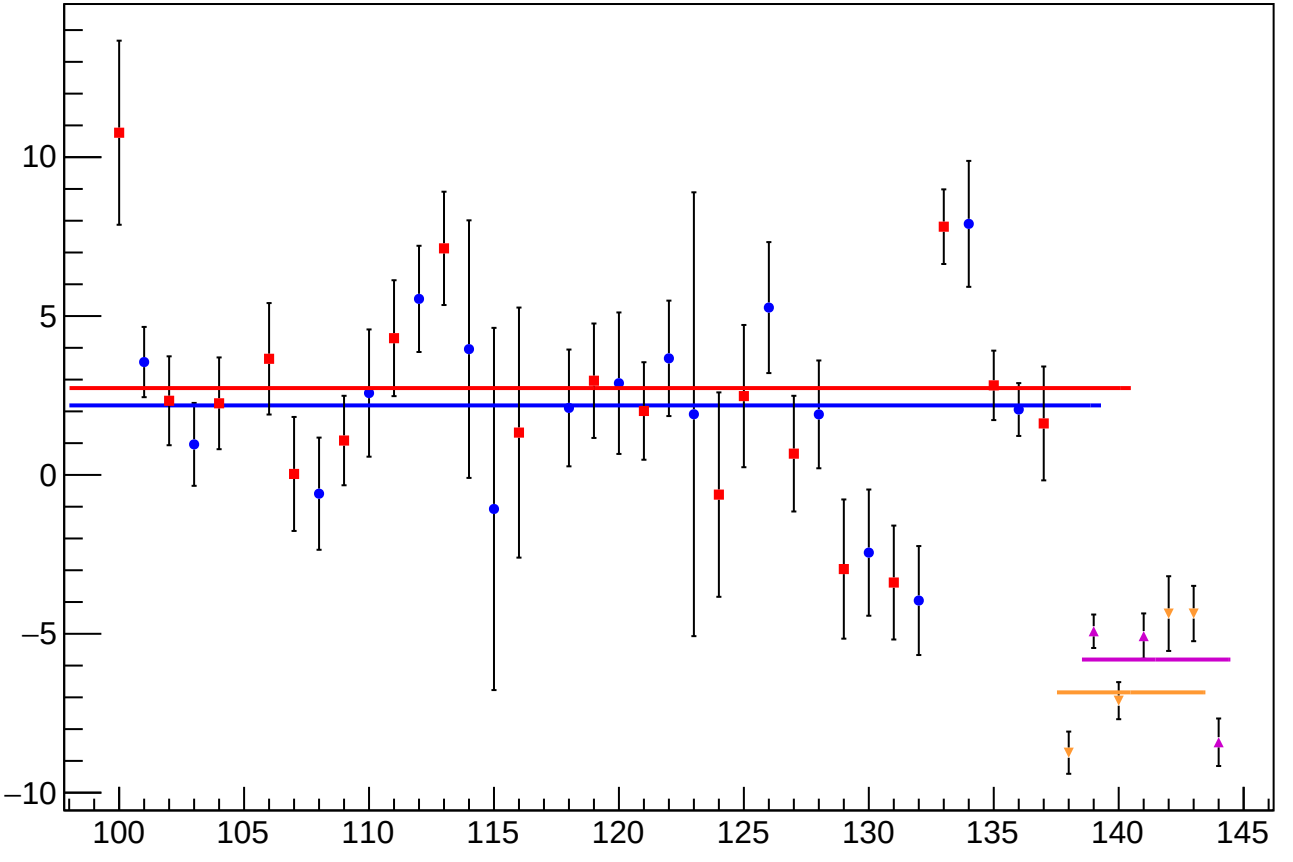
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -59.402+/-0.184 χ^2/NDF:2272.0/19

Out: -59.218+/-0.171 χ^2/NDF:3017.7/22

All: -59.303+/-0.125 χ^2/NDF: 5290.2/42

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: -6.844+/-0.371 χ^2/NDF:20.9/3

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -5.810+/-0.369 χ^2/NDF:16.0/2

Left: -6.323+/-0.262 χ^2/NDF: 40.9/6

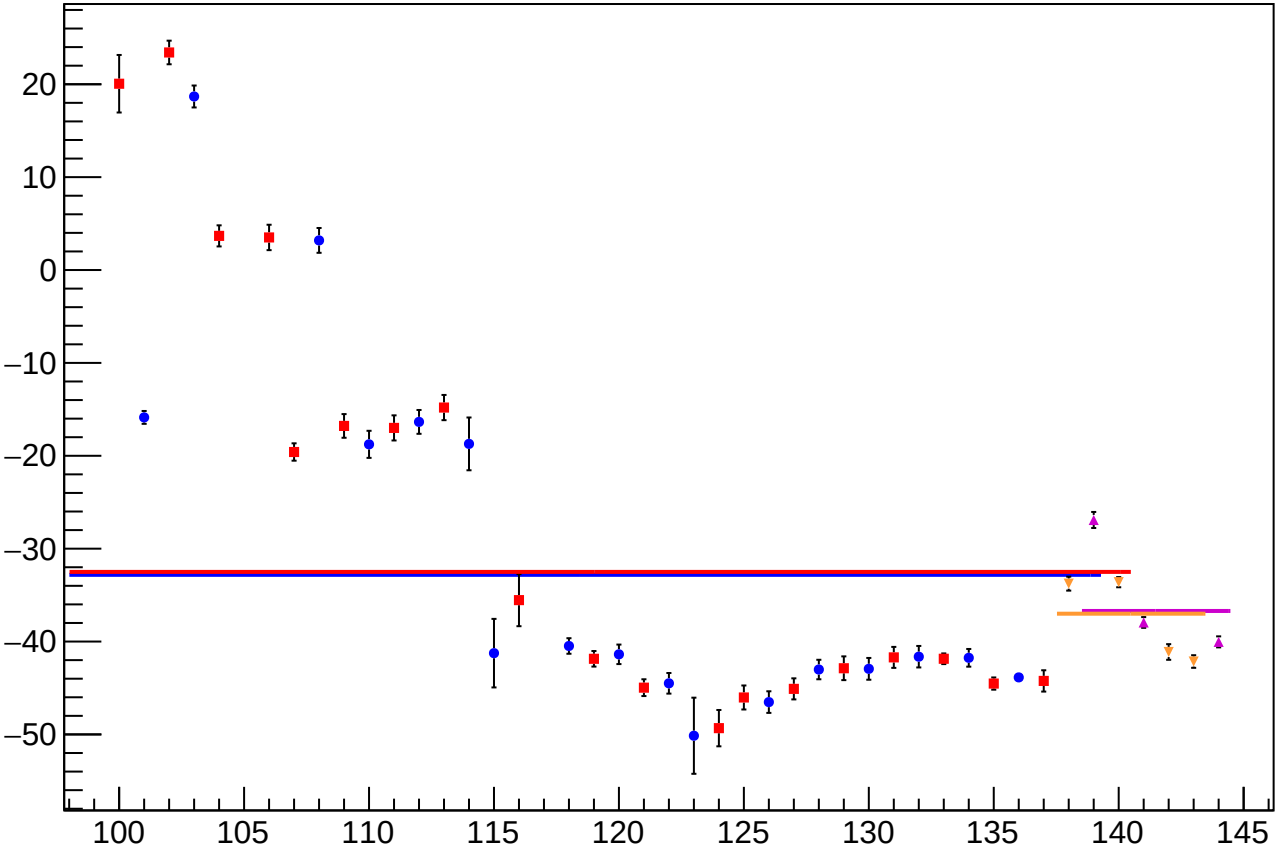
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -2.176+/-0.272 χ^2/NDF:268.9/19

Out: -2.259+/-0.268 χ^2/NDF:398.0/22

All: -2.218+/-0.191 χ^2/NDF: 666.9/42

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: -37.002+/-0.340 χ^2/NDF:138.3/3

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -36.707+/-0.373 χ^2/NDF:164.9/2

Left: -36.869+/-0.251 χ^2/NDF: 303.5/6

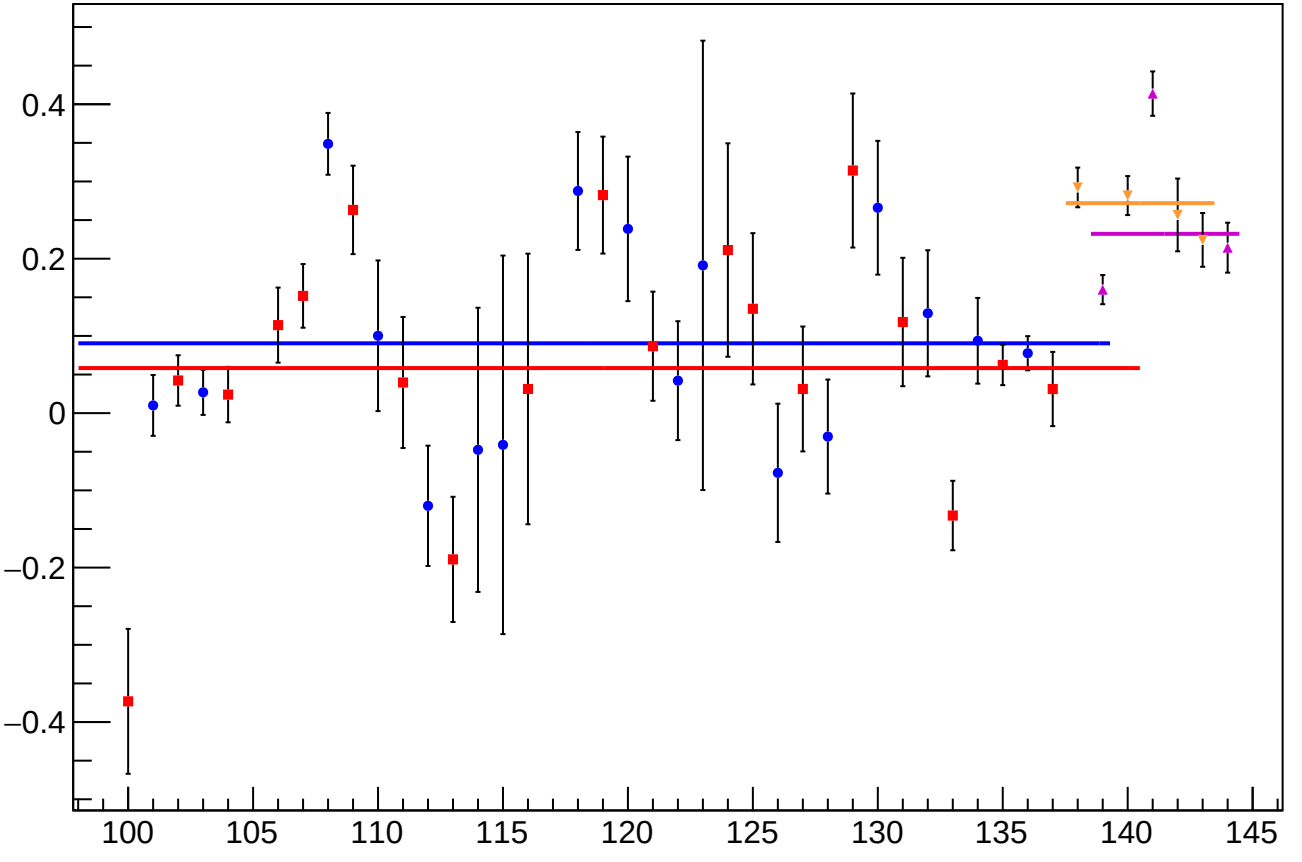
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -34.047+/-0.210 χ^2/NDF:4905.7/19

Out: -34.032+/-0.198 χ^2/NDF:6292.0/22

All: -34.039+/-0.144 χ^2/NDF: 11197.6/42

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: 0.272+/-0.015 χ^2/NDF:2.8/3

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.232+/-0.014 χ^2/NDF:54.9/2

Left: 0.251+/-0.010 χ^2/NDF: 61.3/6

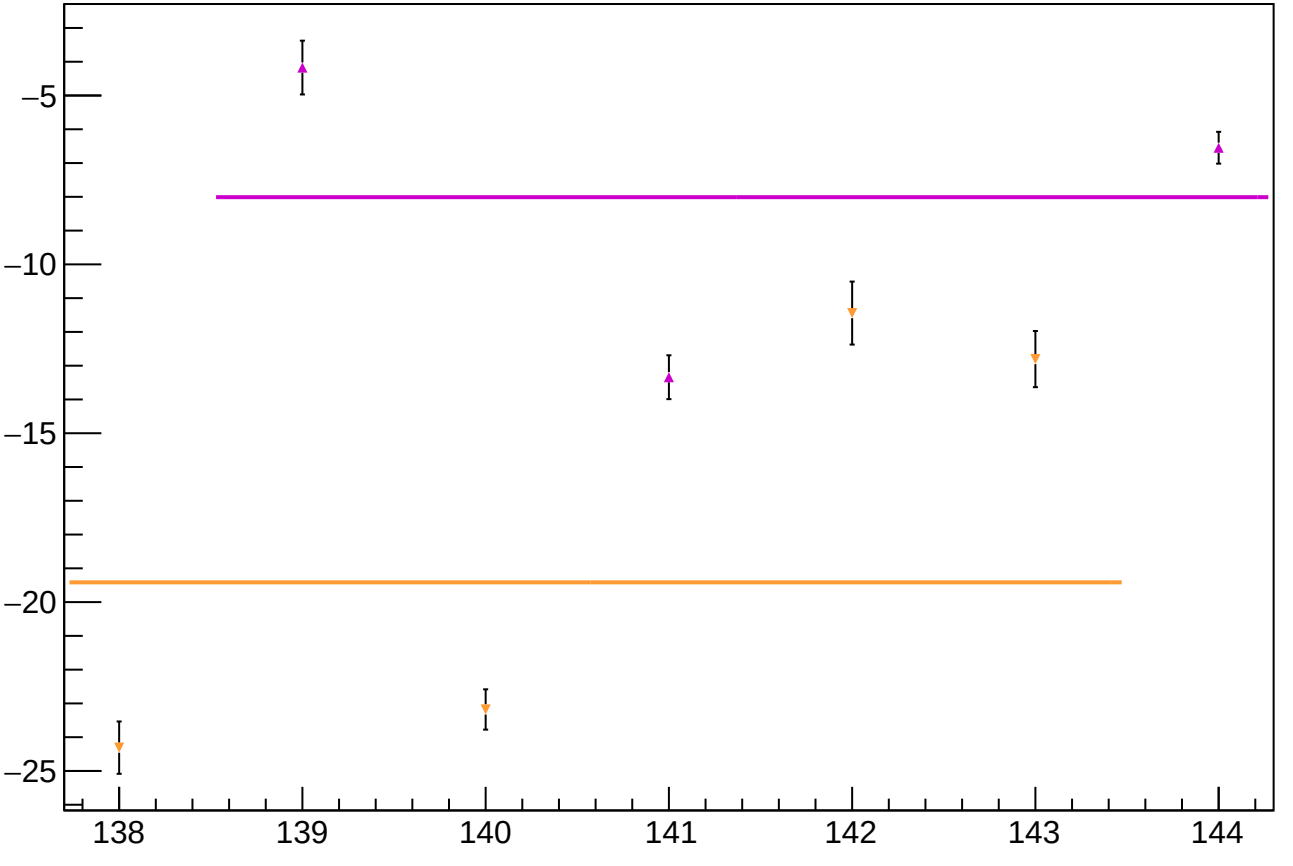
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.154+/-0.009 χ^2/NDF:189.6/19

Out: 0.142+/-0.009 χ^2/NDF:211.2/22

All: 0.148+/-0.007 χ^2/NDF: 401.5/42

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: -19.416+/-0.376 χ^2/NDF:215.9/3

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

Left In: -8.010+/-0.344 χ^2/NDF:100.3/2

Left: -13.203+/-0.254 χ^2/NDF: 817.1/6

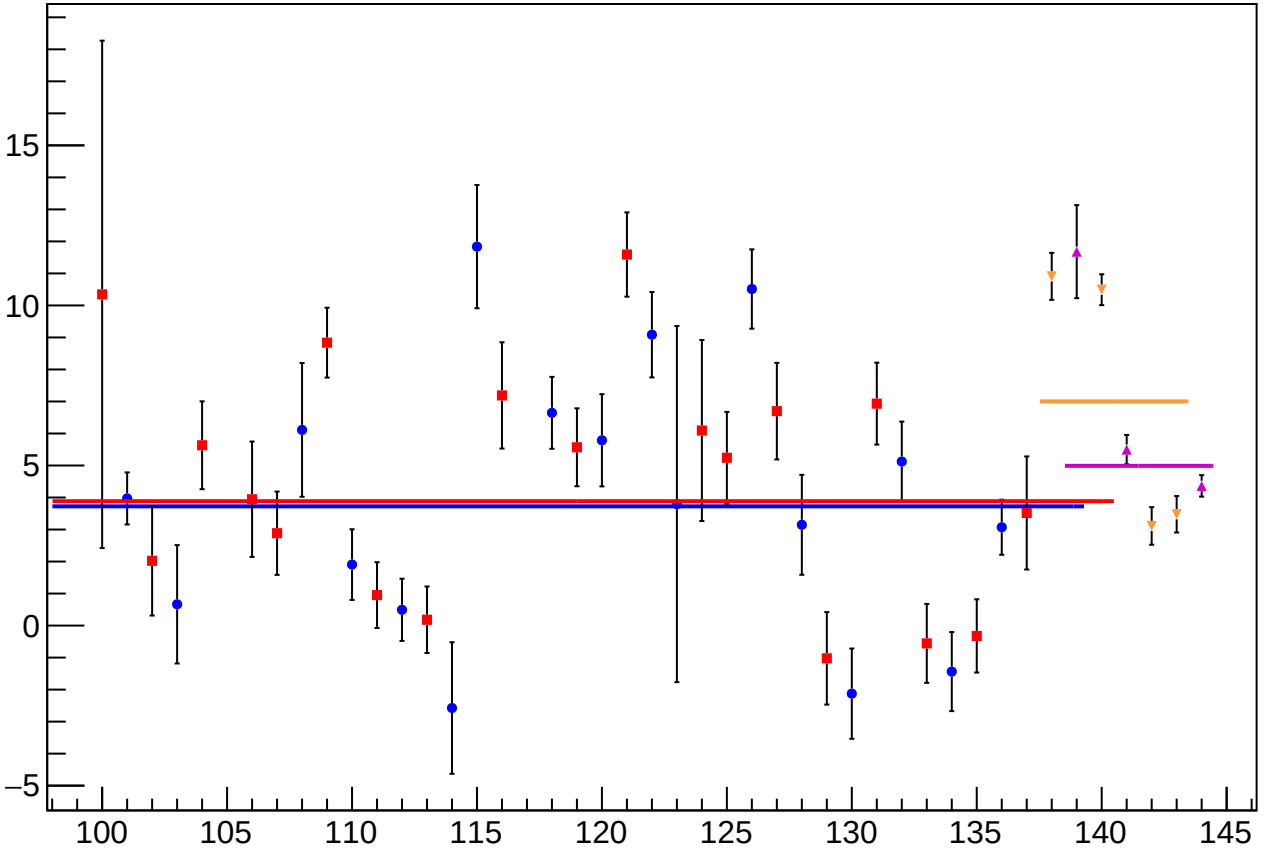
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.010+/-0.344 χ^2/NDF:100.3/2

Out: -19.416+/-0.376 χ^2/NDF:215.9/3

All: -13.203+/-0.254 χ^2/NDF: 817.1/6

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: 7.003+/-0.287 χ^2/NDF:163.0/3

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 4.990+/-0.266 χ^2/NDF:25.9/2

Left: 5.921+/-0.195 χ^2/NDF: 215.4/6

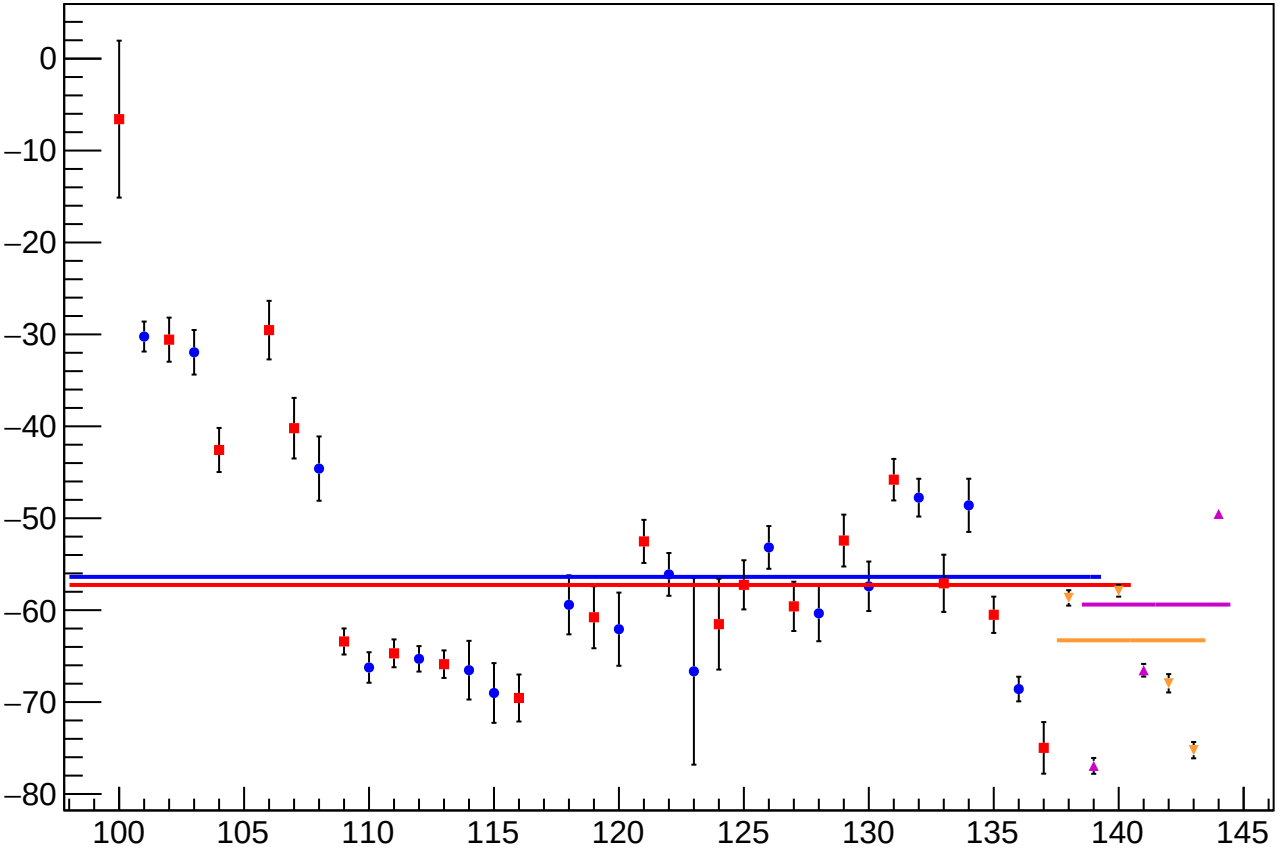
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 4.450+/-0.202 χ^2/NDF:172.3/19

Out: 5.595+/-0.212 χ^2/NDF:350.7/22

All: 4.992+/-0.146 χ^2/NDF: 538.3/42

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -63.277+/-0.403 χ^2/NDF:305.2/3

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -59.392+/-0.368 χ^2/NDF:904.7/2

Left: -61.162+/-0.272 χ^2/NDF: 1260.6/6

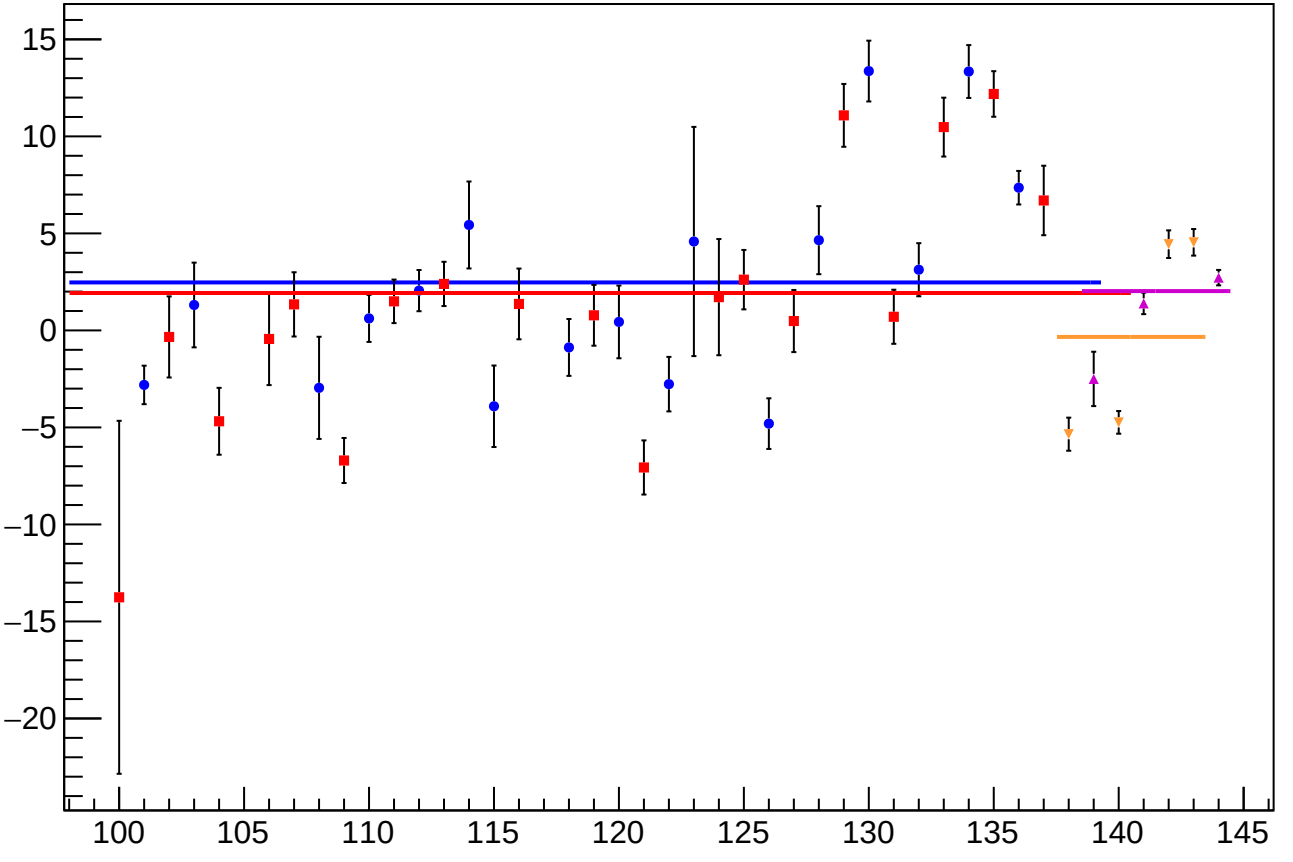
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -58.440+/-0.305 χ^2/NDF:1513.2/19

Out: -61.105+/-0.322 χ^2/NDF:861.9/22

All: -59.699+/-0.221 χ^2/NDF: 2411.3/42

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: -0.335+/-0.345 χ^2/NDF:187.0/3

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 2.027+/-0.315 χ^2/NDF:14.8/2

Left: 0.953+/-0.233 χ^2/NDF: 227.4/6

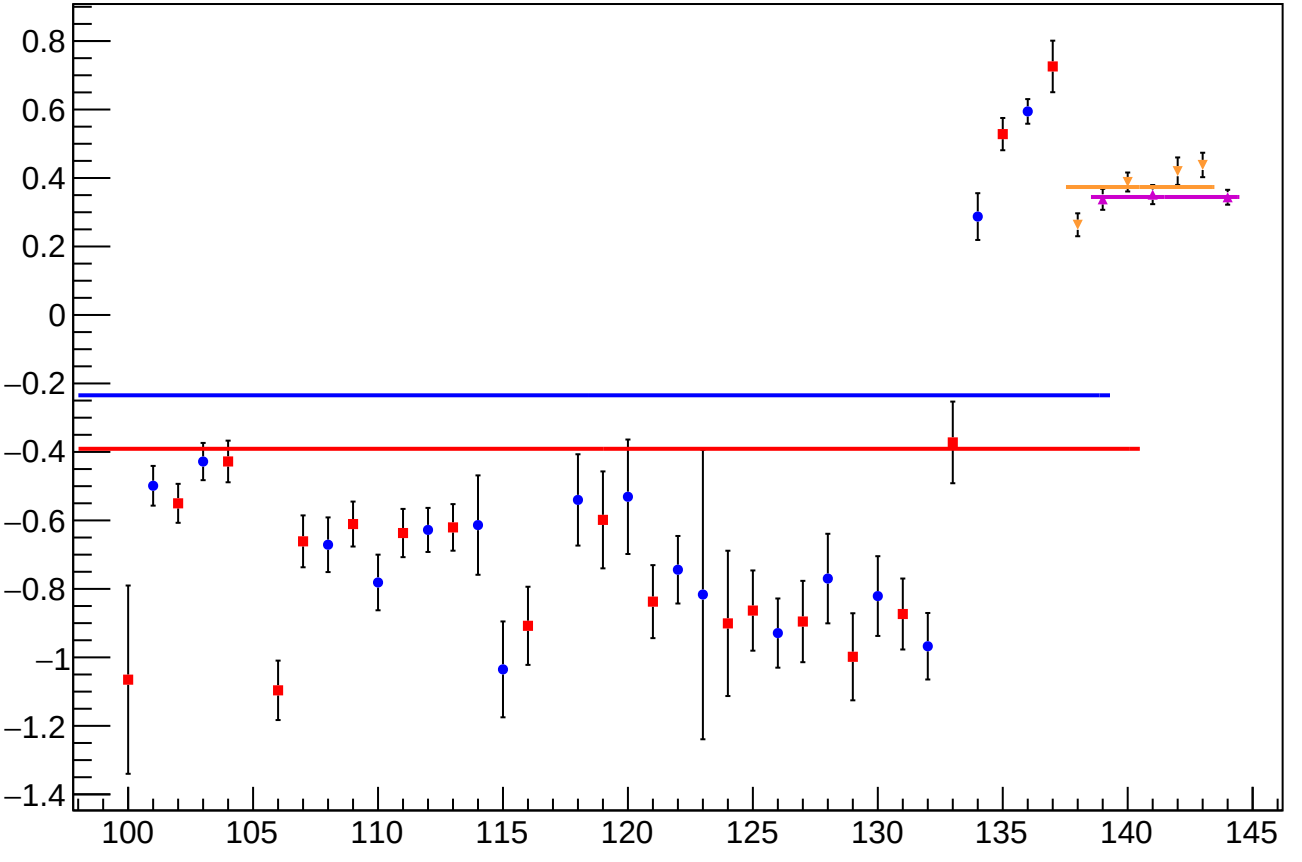
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 2.229+/-0.233 χ^2/NDF:259.3/19

Out: 0.764+/-0.247 χ^2/NDF:474.6/22

All: 1.541+/-0.170 χ^2/NDF: 752.4/42

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: 0.374+/-0.017 χ^2/NDF:15.7/3

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.345+/-0.015 χ^2/NDF:0.1/2

Left: 0.358+/-0.011 χ^2/NDF: 17.5/6

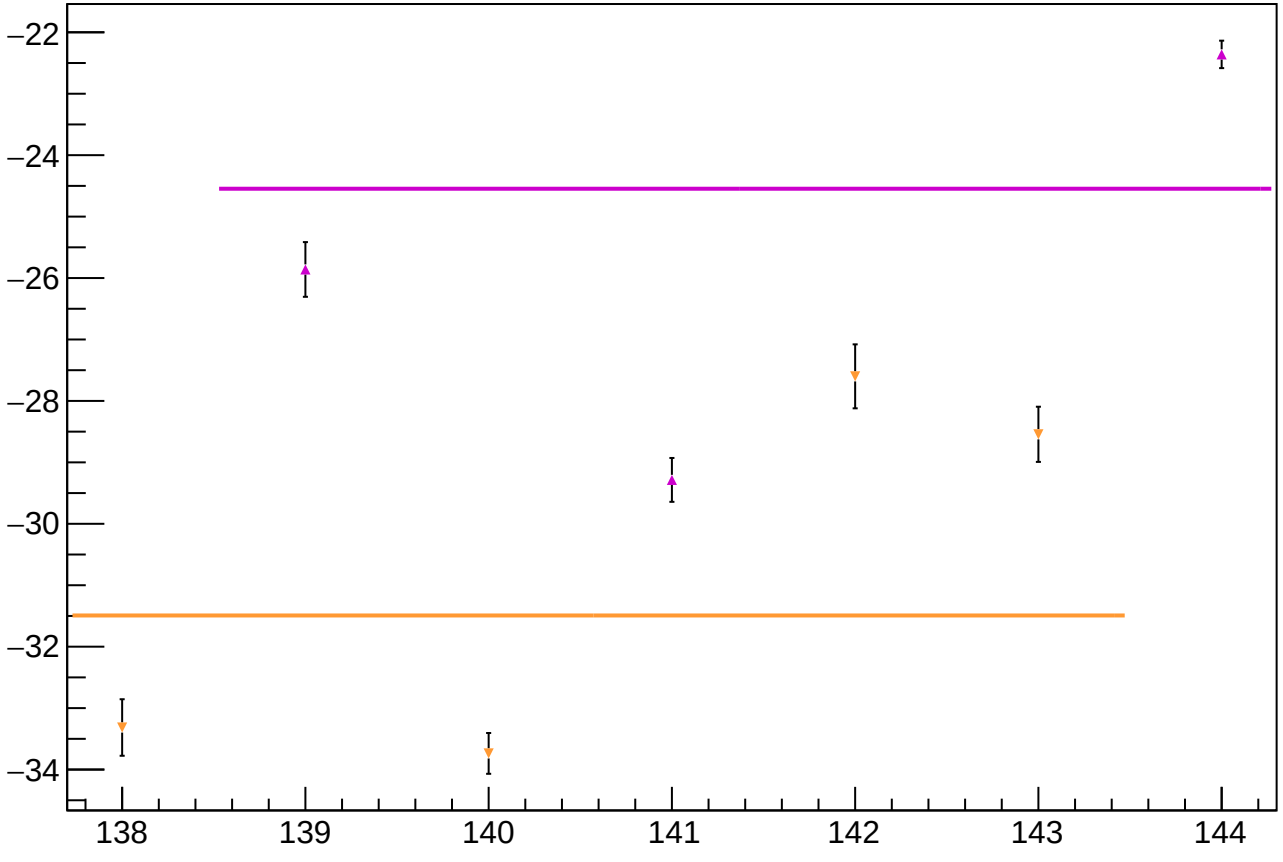
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.121+/-0.012 χ^2/NDF:1536.6/19

Out: 0.041+/-0.013 χ^2/NDF:1786.7/22

All: 0.083+/-0.009 χ^2/NDF: 3345.3/42

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: -31.492+/-0.211 χ^2/NDF:160.4/3

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

Left In: -24.546+/-0.174 χ^2/NDF:280.8/2

Left: -27.361+/-0.134 χ^2/NDF: 1085.2/6

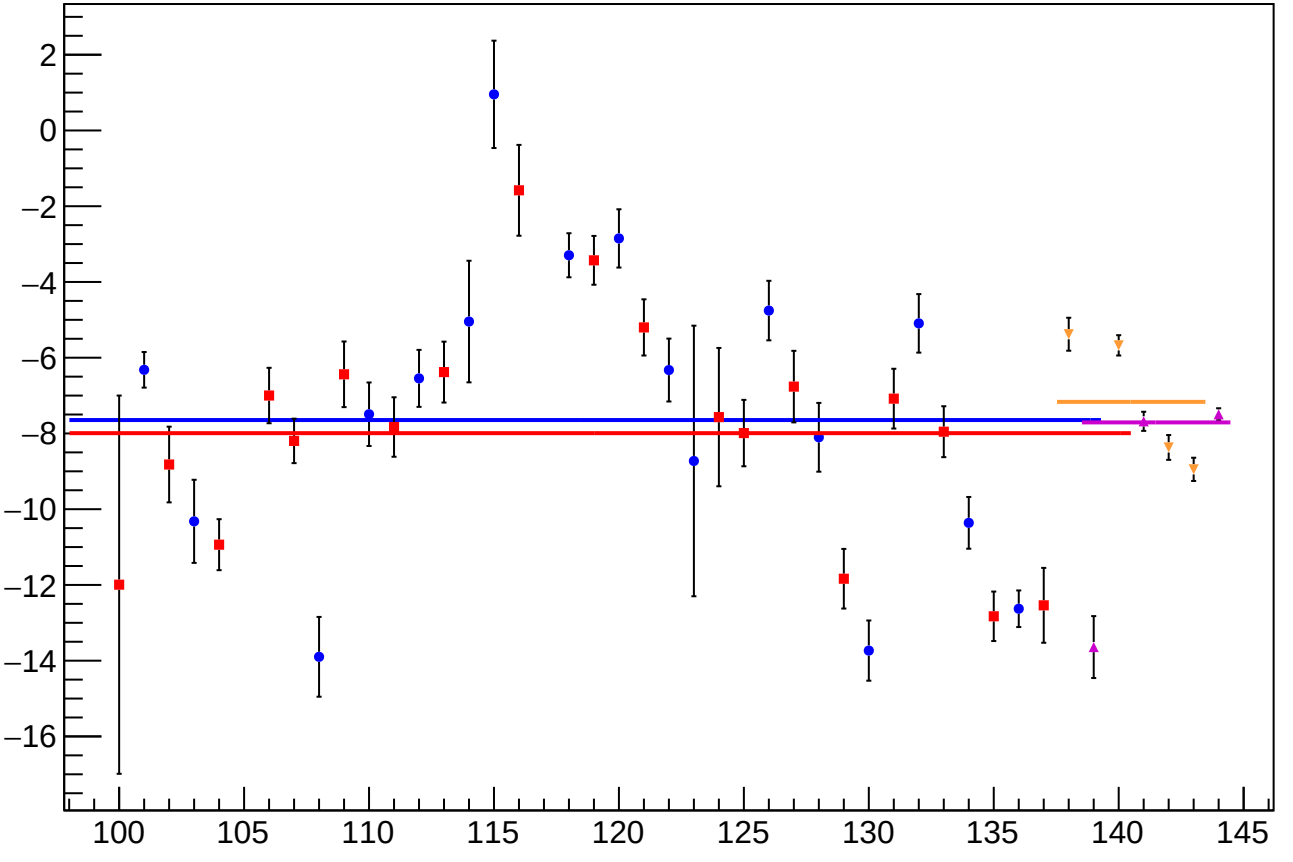
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.546+/-0.174 χ^2/NDF:280.8/2

Out: -31.492+/-0.211 χ^2/NDF:160.4/3

All: -27.361+/-0.134 χ^2/NDF: 1085.2/6

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: -7.166+/-0.160 χ^2/NDF:95.1/3

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -7.708+/-0.133 χ^2/NDF:54.5/2

Left: -7.487+/-0.102 χ^2/NDF: 156.3/6

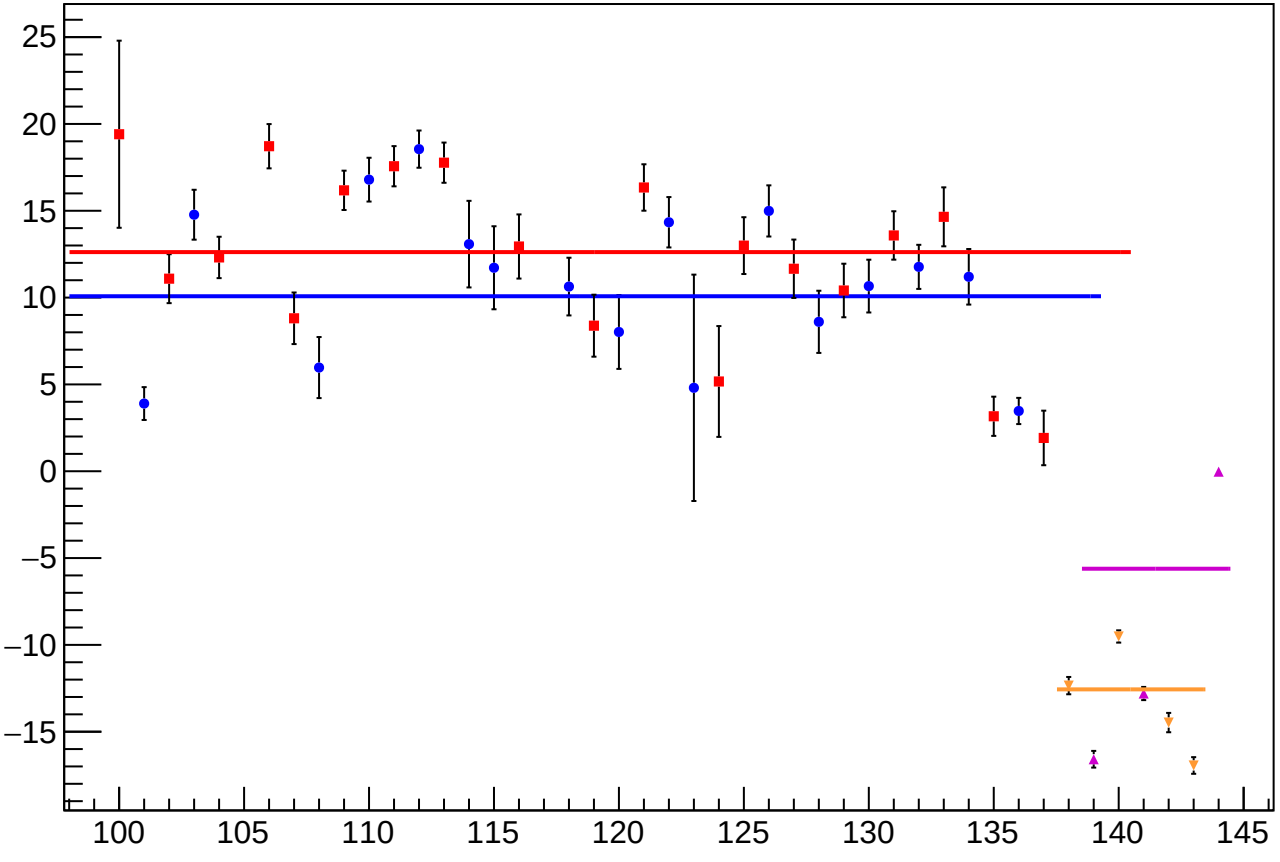
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -7.687+/-0.108 χ^2/NDF:448.2/19

Out: -7.517+/-0.121 χ^2/NDF:331.9/22

All: -7.612+/-0.081 χ^2/NDF: 781.2/42

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: -12.562+/-0.226 χ^2/NDF:169.9/3

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -5.614+/-0.187 χ^2/NDF:1423.8/2

Left: -8.435+/-0.144 χ^2/NDF: 2155.9/6

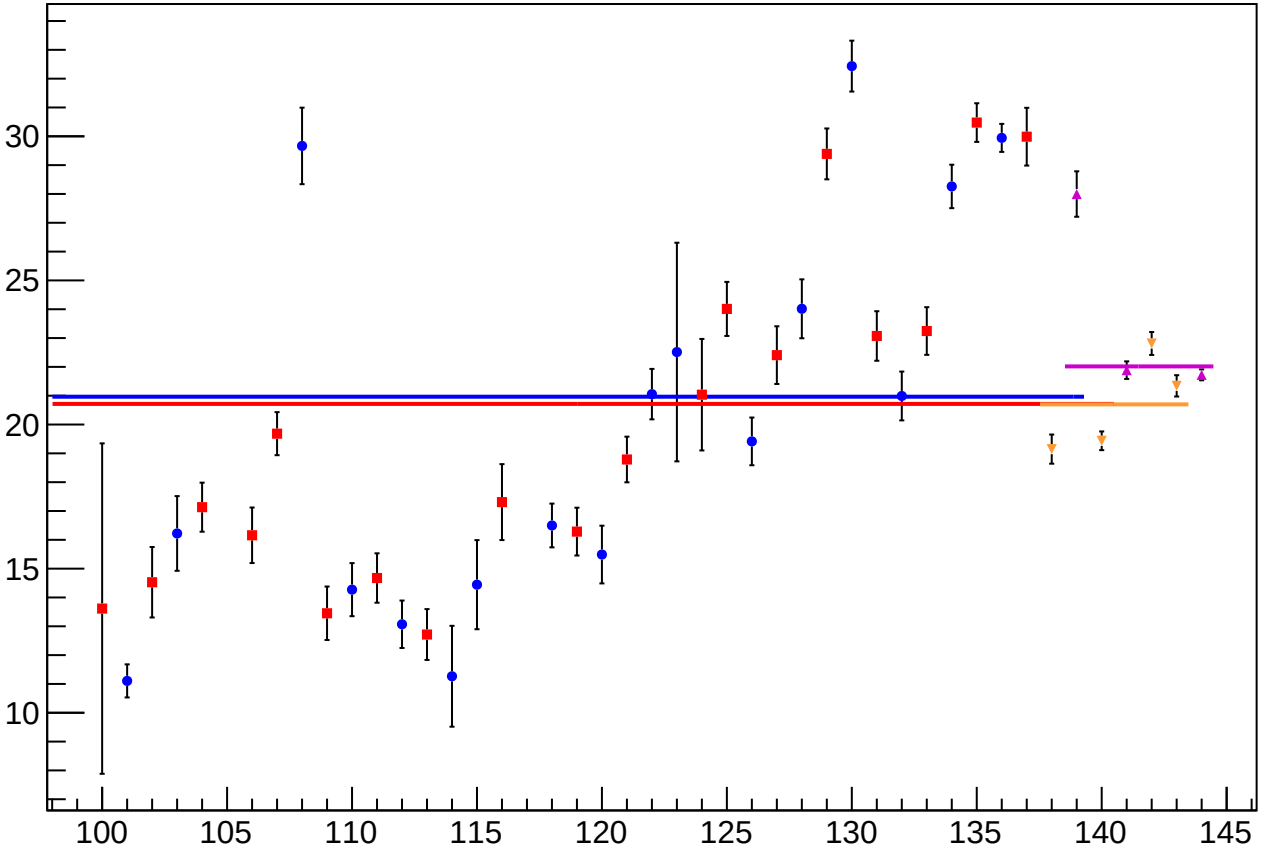
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -1.925+/-0.163 χ^2/NDF:3337.1/19

Out: -4.610+/-0.187 χ^2/NDF:4315.9/22

All: -3.088+/-0.123 χ^2/NDF: 7770.0/42

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: 20.699+/-0.192 χ^2/NDF:55.8/3

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 22.017+/-0.157 χ^2/NDF:60.1/2

Left: 21.489+/-0.122 χ^2/NDF: 144.0/6

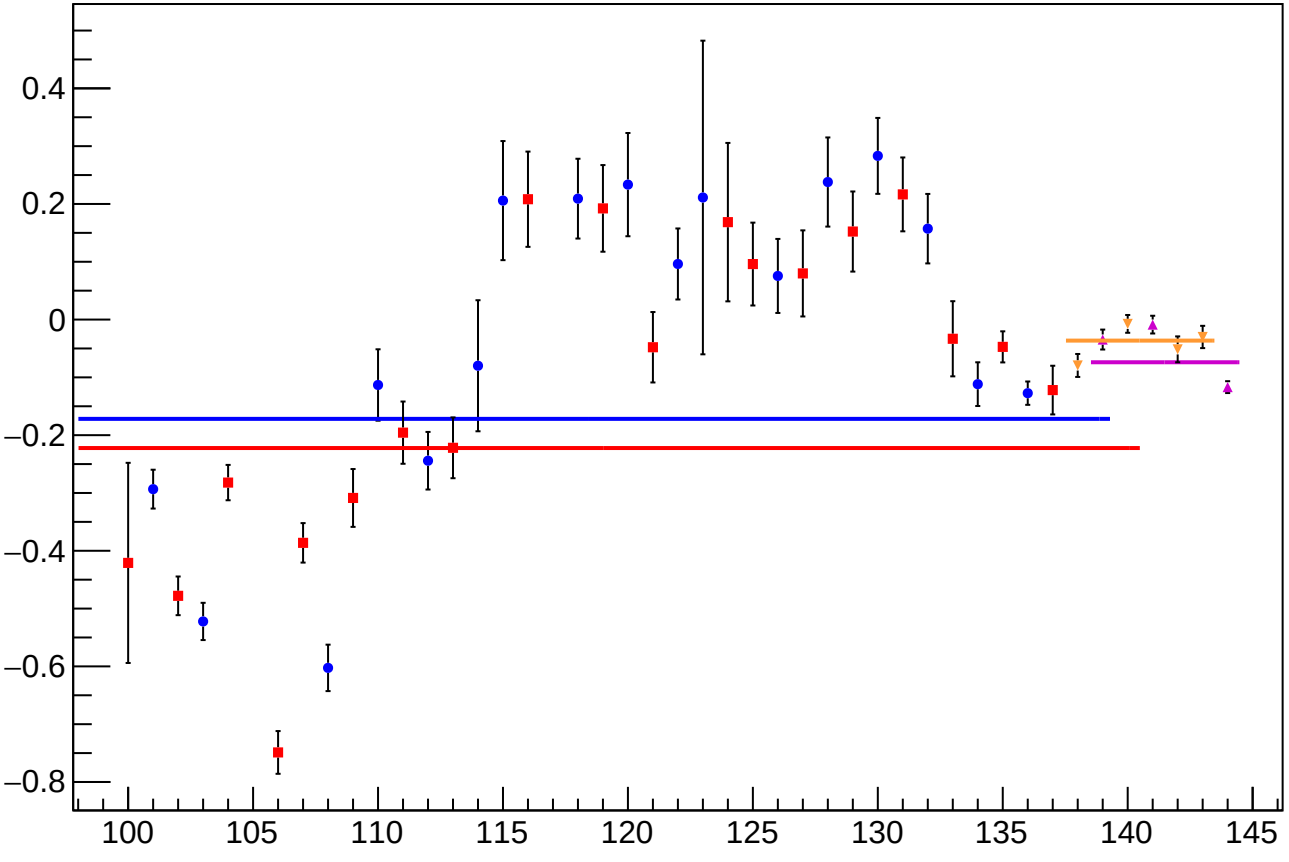
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 21.637+/-0.126 χ^2/NDF:1301.7/19

Out: 20.707+/-0.143 χ^2/NDF:785.7/22

All: 21.230+/-0.094 χ^2/NDF: 2111.3/42

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: -0.036+/-0.009 χ^2/NDF:8.8/3

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.074+/-0.008 χ^2/NDF:40.8/2

Left: -0.059+/-0.006 χ^2/NDF: 59.2/6

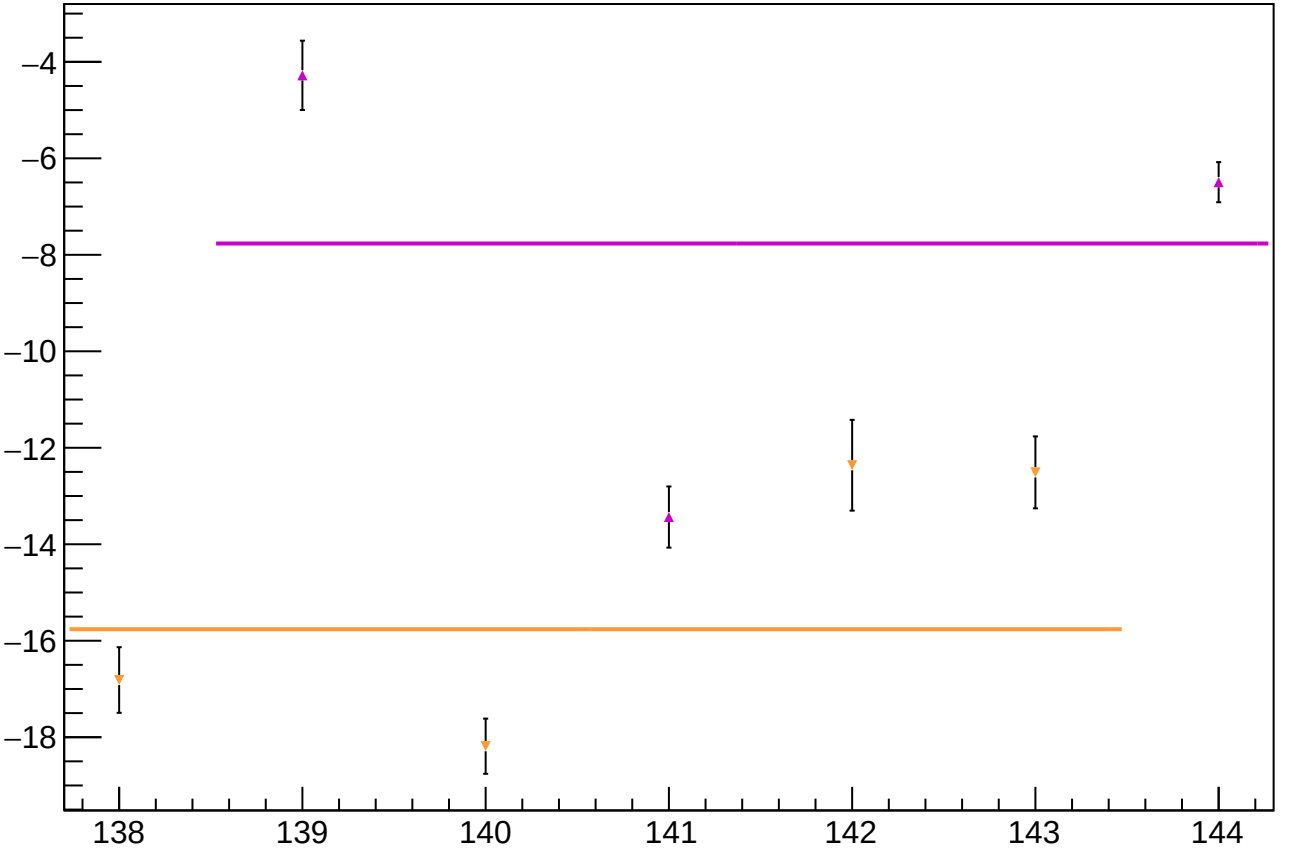
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.105+/-0.006 χ^2/NDF:557.3/19

Out: -0.115+/-0.007 χ^2/NDF:711.6/22

All: -0.109+/-0.005 χ^2/NDF: 1269.9/42

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: -15.761+/-0.350 χ^2/NDF:52.4/3

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

Left In: -7.766+/-0.313 χ^2/NDF:112.9/2

Left: -11.314+/-0.233 χ^2/NDF: 455.0/6

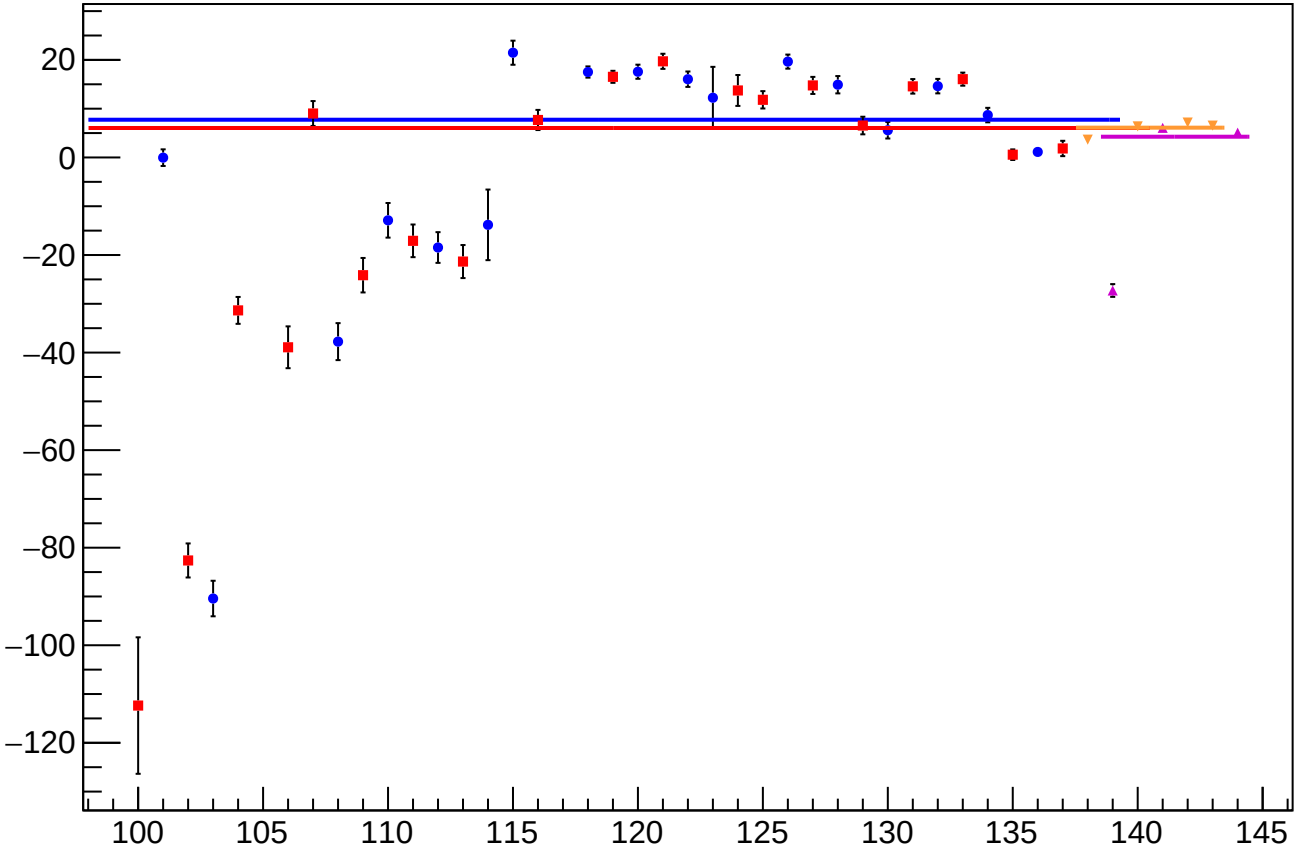
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.766+/-0.313 χ^2/NDF:112.9/2

Out: -15.761+/-0.350 χ^2/NDF:52.4/3

All: -11.314+/-0.233 χ^2/NDF: 455.0/6

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 6.108+/-0.270 χ^2/NDF:18.5/3

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 4.253+/-0.243 χ^2/NDF:605.9/2

Left: 5.084+/-0.181 χ^2/NDF: 650.4/6

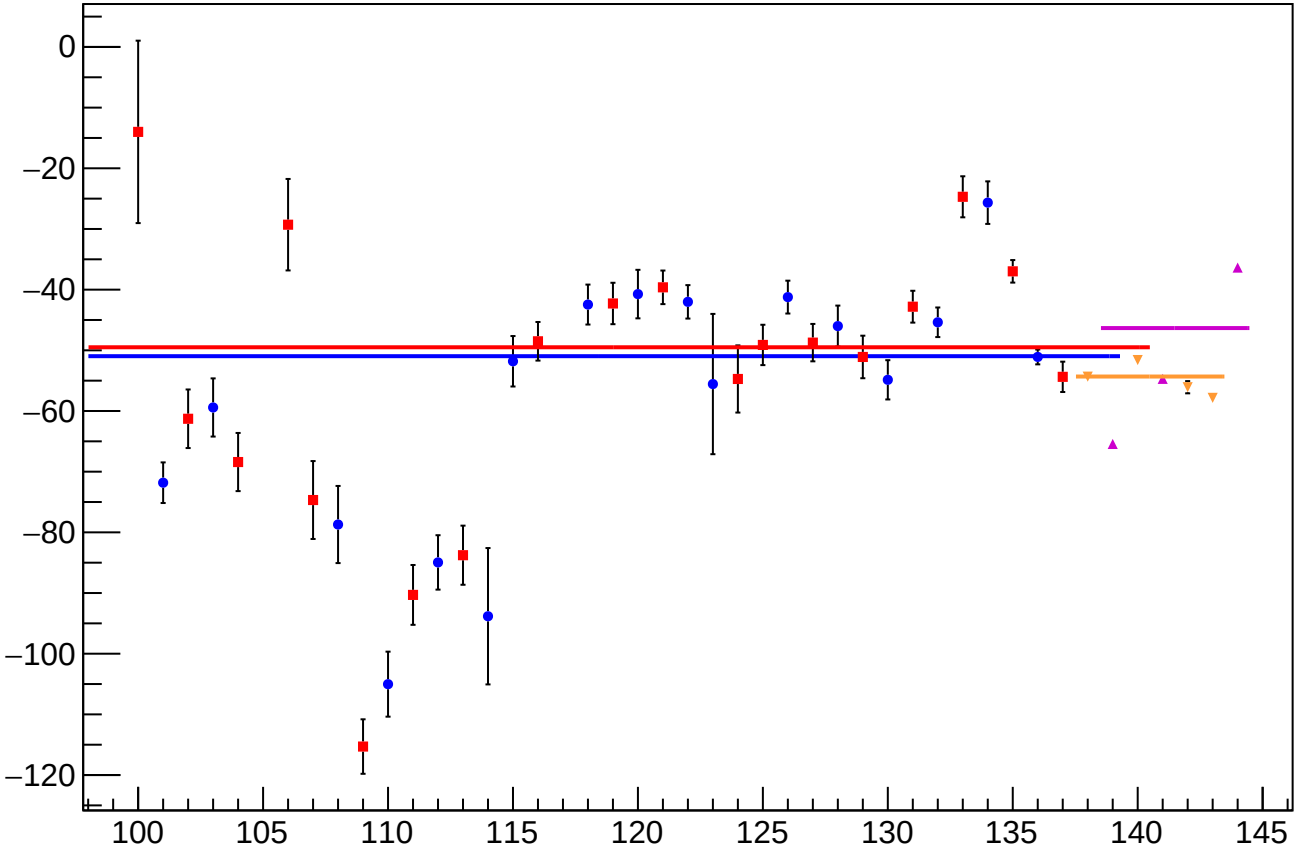
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 5.184+/-0.208 χ^2/NDF:2019.1/19

Out: 6.089+/-0.229 χ^2/NDF:1530.6/22

All: 5.593+/-0.154 χ^2/NDF: 3558.3/42

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: -54.319+/-0.375 χ^2/NDF:42.5/3

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -46.332+/-0.335 χ^2/NDF:1258.6/2

Left: -49.880+/-0.250 χ^2/NDF: 1552.8/6

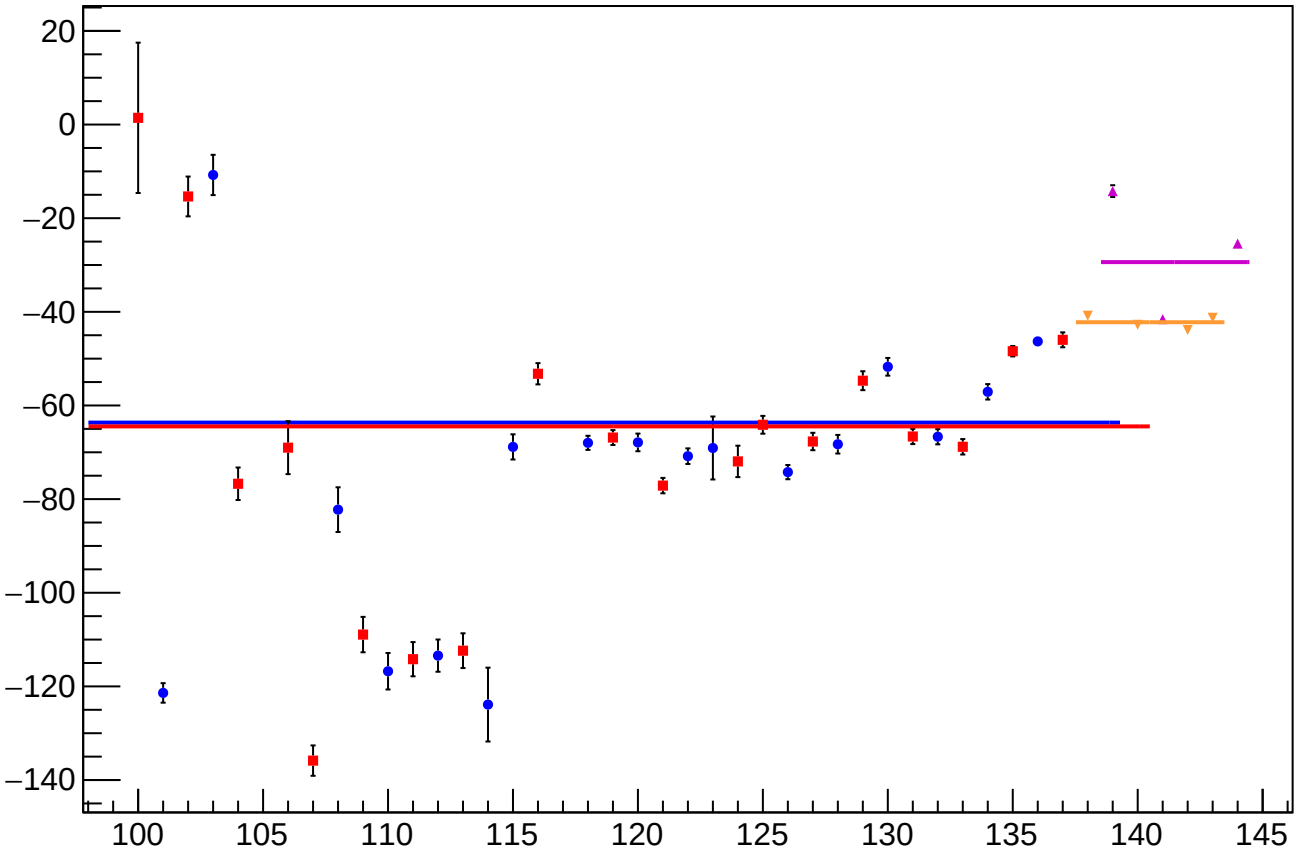
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -47.126+/-0.305 χ^2/NDF:1624.0/19

Out: -53.444+/-0.340 χ^2/NDF:582.8/22

All: -49.952+/-0.227 χ^2/NDF: 2398.2/42

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: -42.221+/-0.324 χ^2/NDF:12.1/3

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -29.380+/-0.287 χ^2/NDF:775.9/2

Left: -35.031+/-0.215 χ^2/NDF: 1666.2/6

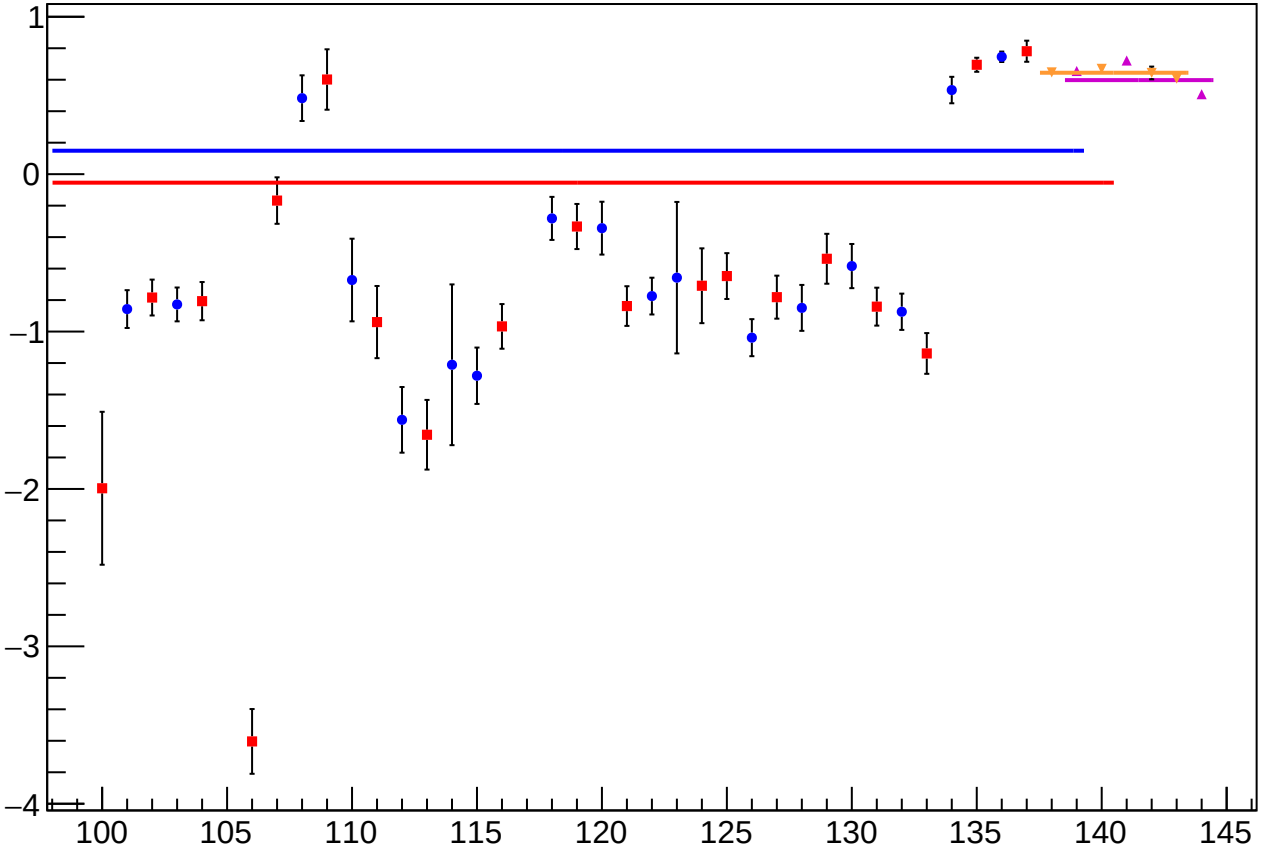
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -39.461+/-0.242 χ^2/NDF:6971.8/19

Out: -49.142+/-0.269 χ^2/NDF:3083.8/22

All: -43.780+/-0.180 χ^2/NDF: 10772.5/42

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: 0.644+/-0.016 χ^2/NDF:2.3/3

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.598+/-0.014 χ^2/NDF:47.1/2

Left: 0.618+/-0.010 χ^2/NDF: 54.5/6

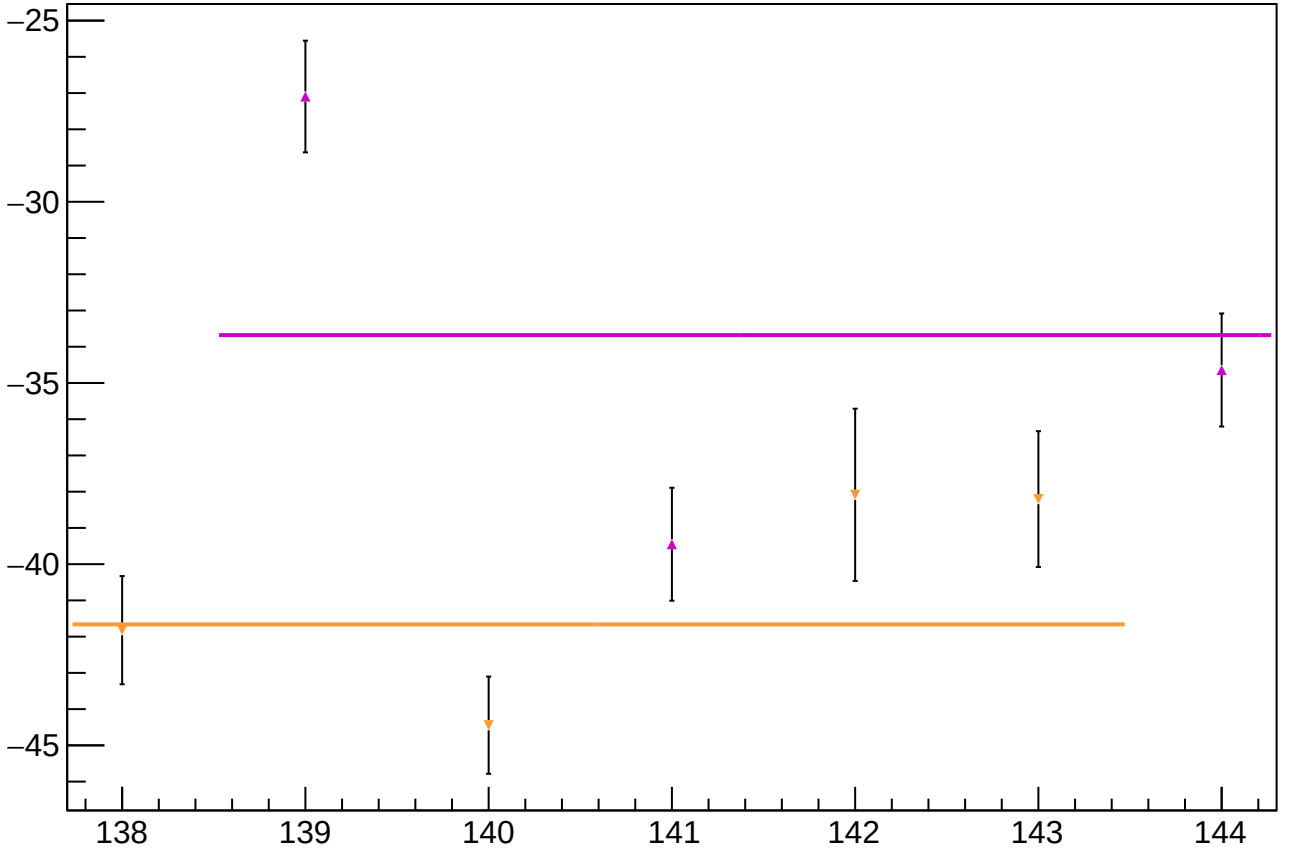
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.488+/-0.012 χ^2/NDF:1301.7/19

Out: 0.463+/-0.013 χ^2/NDF:1696.4/22

All: 0.477+/-0.009 χ^2/NDF: 3000.0/42

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: -41.661+/-0.826 χ^2/NDF:10.0/3

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

Left In: -33.679+/-0.897 χ^2/NDF:32.3/2

Left: -37.998+/-0.607 χ^2/NDF: 85.2/6

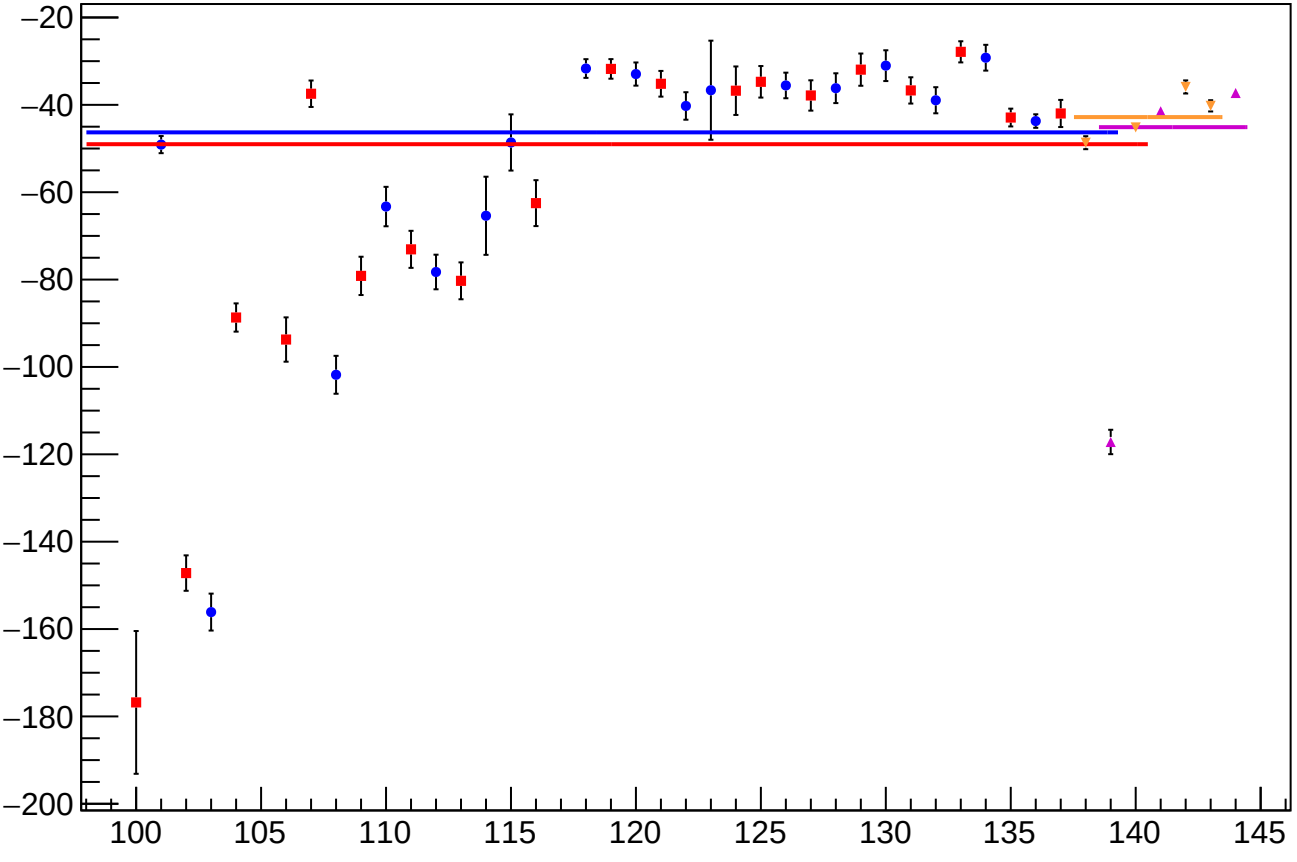
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -33.679+/-0.897 χ^2/NDF:32.3/2

Out: -41.661+/-0.826 χ^2/NDF:10.0/3

All: -37.998+/-0.607 χ^2/NDF: 85.2/6

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: -42.803+/-0.655 χ^2/NDF:45.3/3

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -45.107+/-0.757 χ^2/NDF:726.2/2

Left: -43.790+/-0.496 χ^2/NDF: 776.9/6

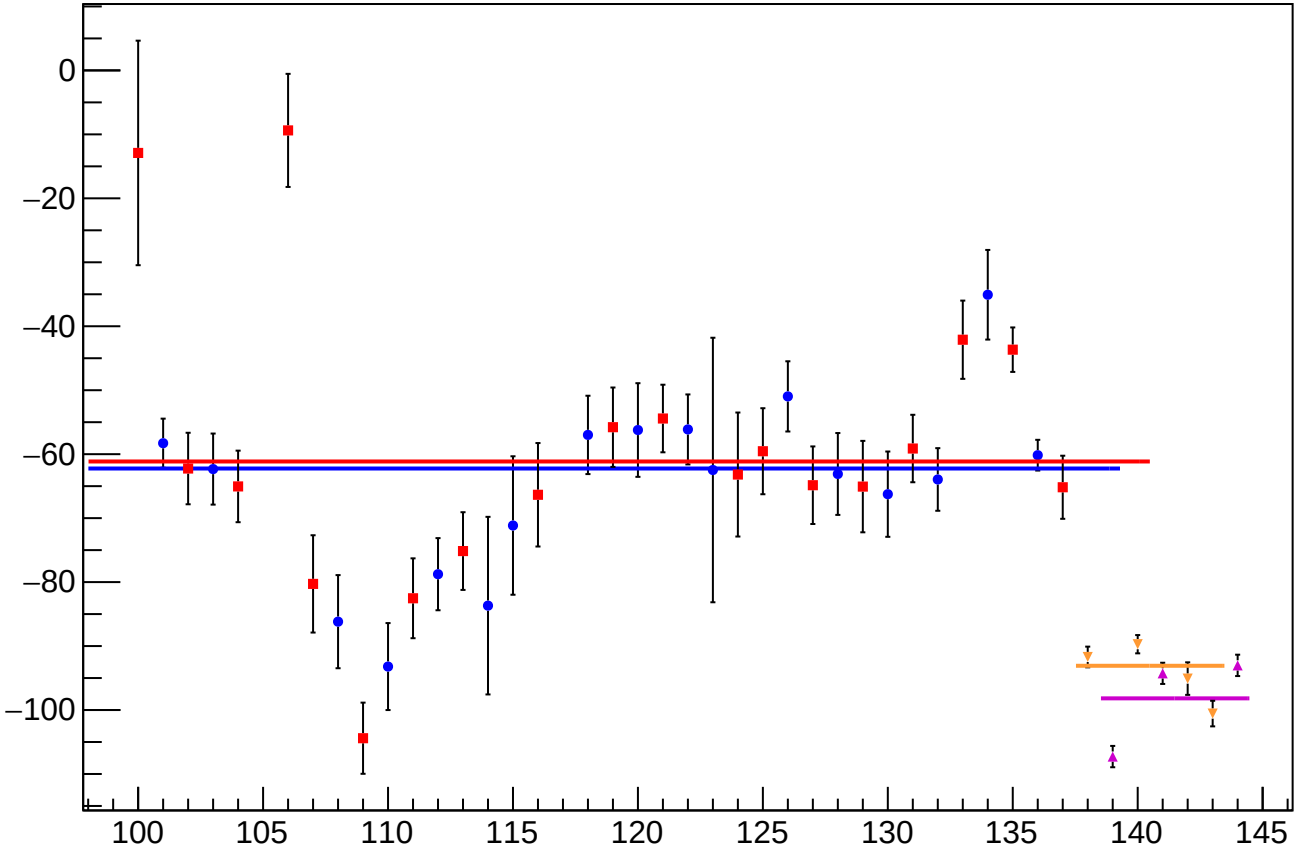
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -45.731+/-0.523 χ^2/NDF:1811.6/19

Out: -45.435+/-0.497 χ^2/NDF:1355.0/22

All: -45.576+/-0.360 χ^2/NDF: 3166.7/42

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: -93.083+/-0.885 χ^2/NDF:20.9/3

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -98.177+/-0.961 χ^2/NDF:44.9/2

Left: -95.420+/-0.651 χ^2/NDF: 81.0/6

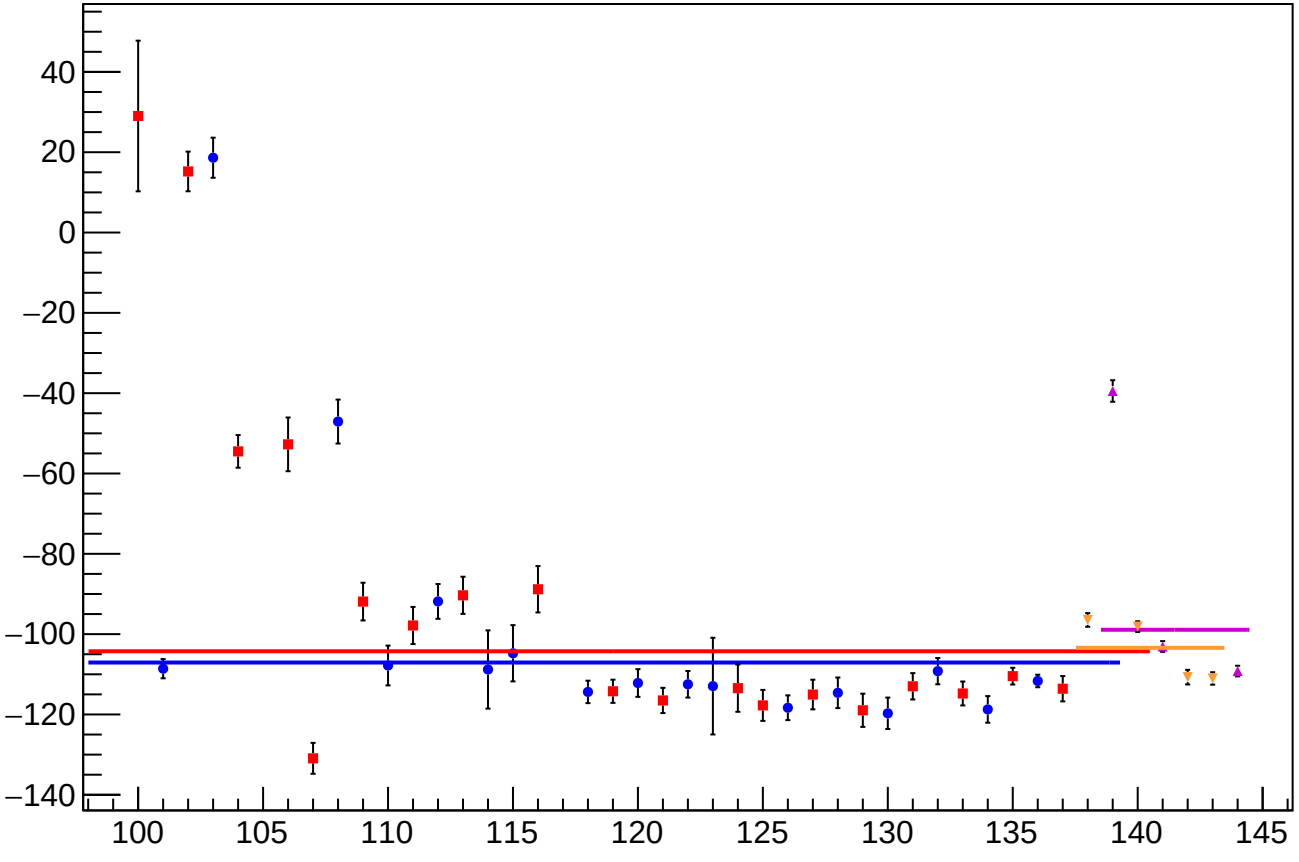
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -85.602+/-0.775 χ^2/NDF:601.4/19

Out: -83.769+/-0.745 χ^2/NDF:566.3/22

All: -84.649+/-0.537 χ^2/NDF: 1170.5/42

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: -103.403+/-0.783 χ^2/NDF:72.9/3

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -98.908+/-0.887 χ^2/NDF:559.1/2

Left: -101.435+/-0.587 χ^2/NDF: 646.4/6

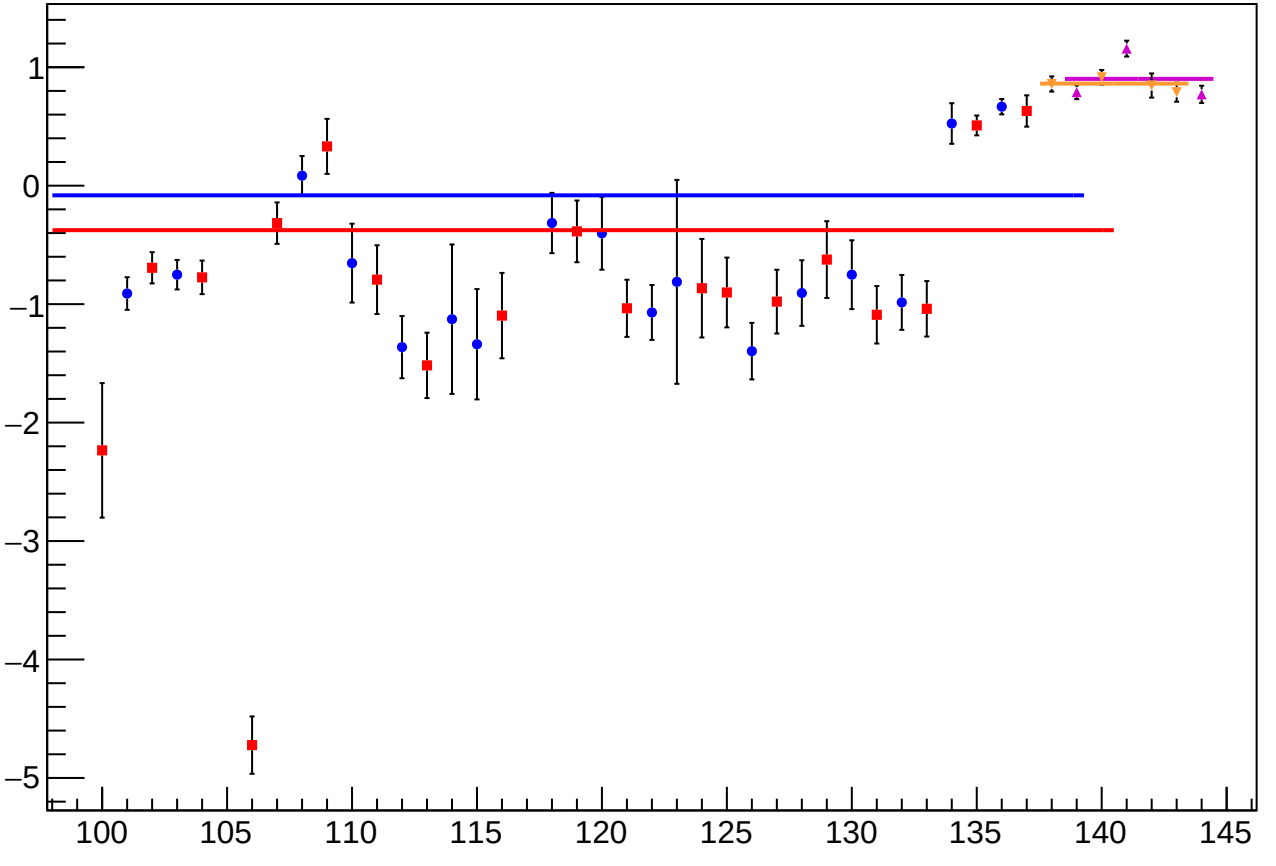
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -103.351+/-0.599 χ^2/NDF:1433.5/19

Out: -103.795+/-0.579 χ^2/NDF:1092.1/22

All: -103.580+/-0.416 χ^2/NDF: 2525.9/42

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: 0.862+/-0.036 χ^2/NDF:1.6/3

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.902+/-0.038 χ^2/NDF:21.4/2

Left: 0.881+/-0.026 χ^2/NDF: 23.5/6

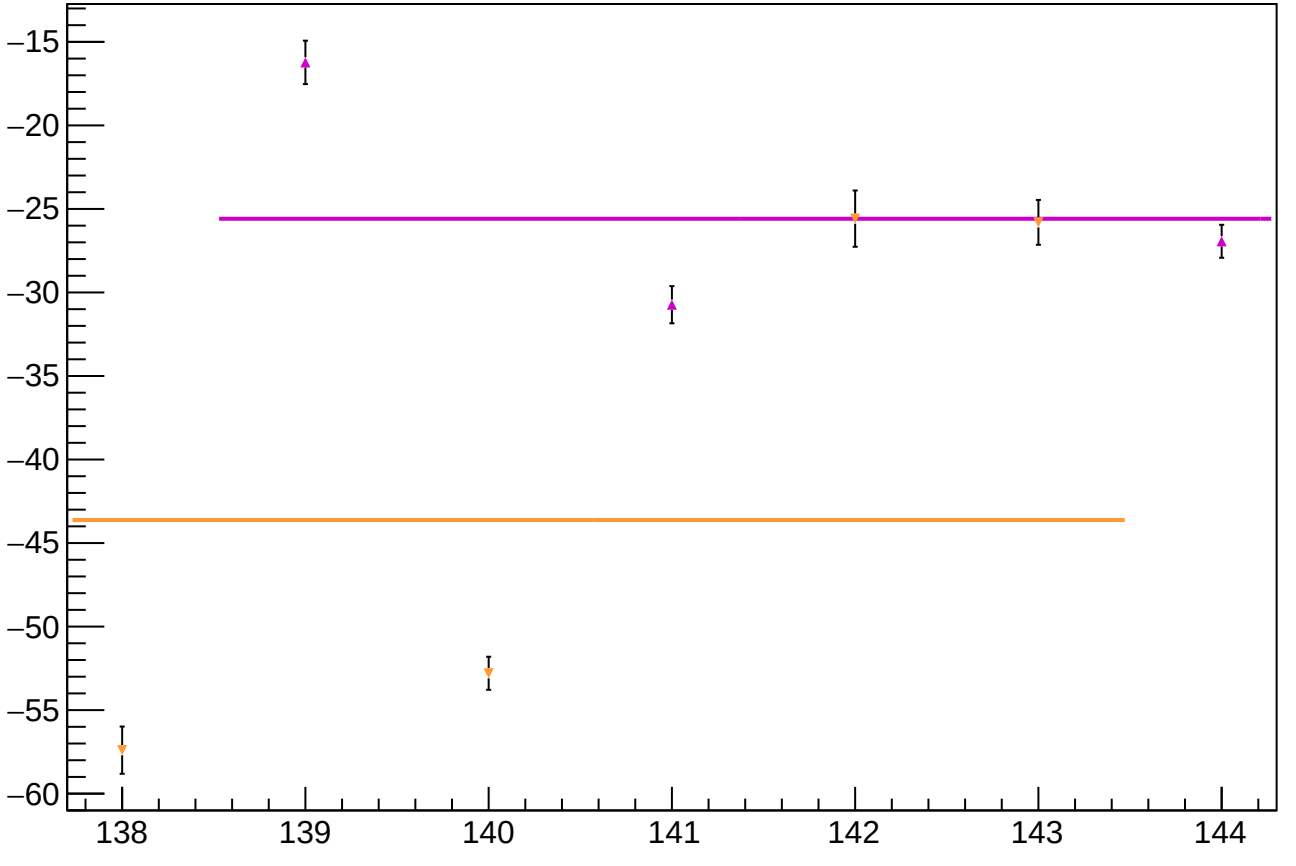
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.464+/-0.028 χ^2/NDF:651.7/19

Out: 0.357+/-0.028 χ^2/NDF:1055.6/22

All: 0.410+/-0.020 χ^2/NDF: 1714.4/42

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: -43.623+/-0.642 χ^2/NDF:471.4/3

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

Left In: -25.588+/-0.642 χ^2/NDF:75.1/2

Left: -34.608+/-0.454 χ^2/NDF: 941.0/6

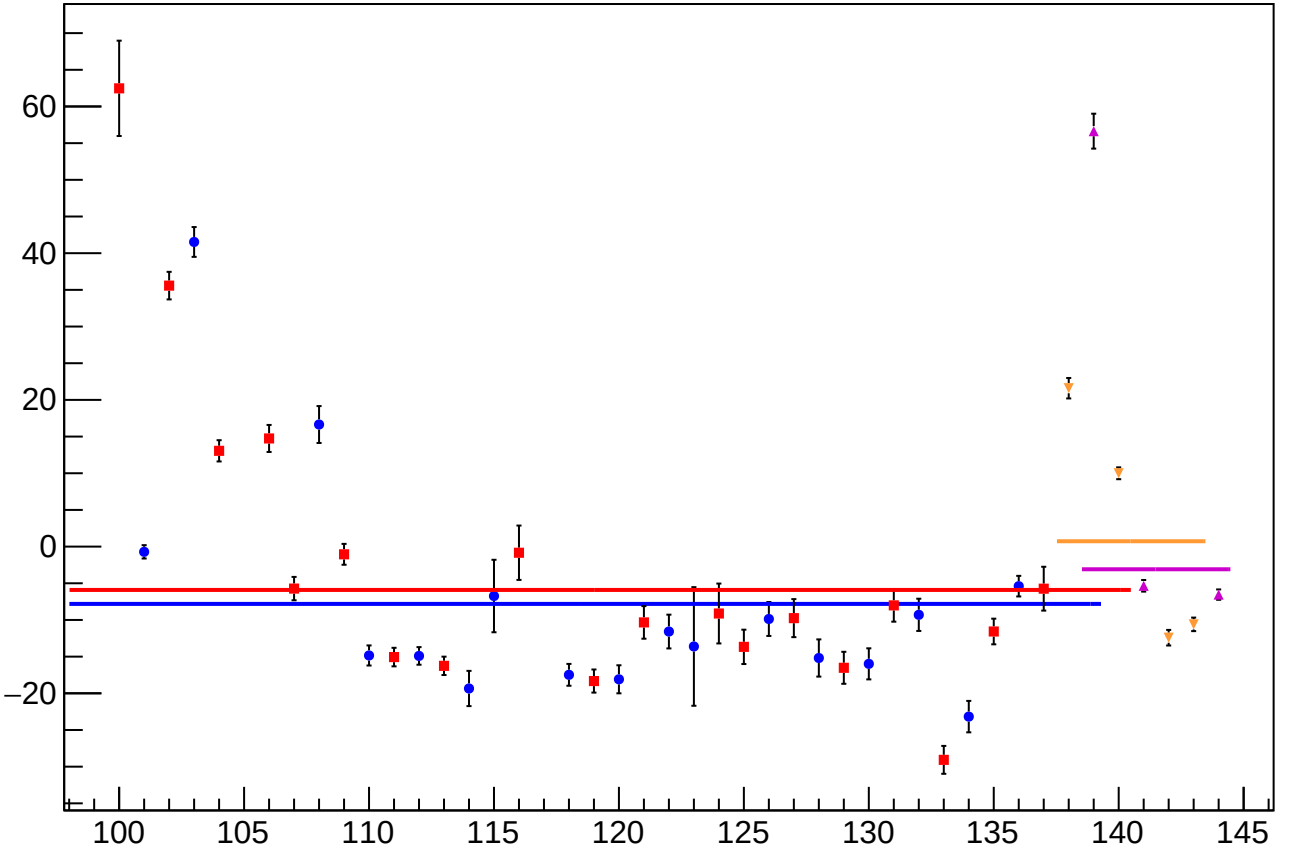
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.588+/-0.642 χ^2/NDF:75.1/2

Out: -43.623+/-0.642 χ^2/NDF:471.4/3

All: -34.608+/-0.454 χ^2/NDF: 941.0/6

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: 0.730+/-0.494 χ^2/NDF:659.0/3

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -3.091+/-0.514 χ^2/NDF:661.5/2

Left: -1.103+/-0.356 χ^2/NDF: 1349.2/6

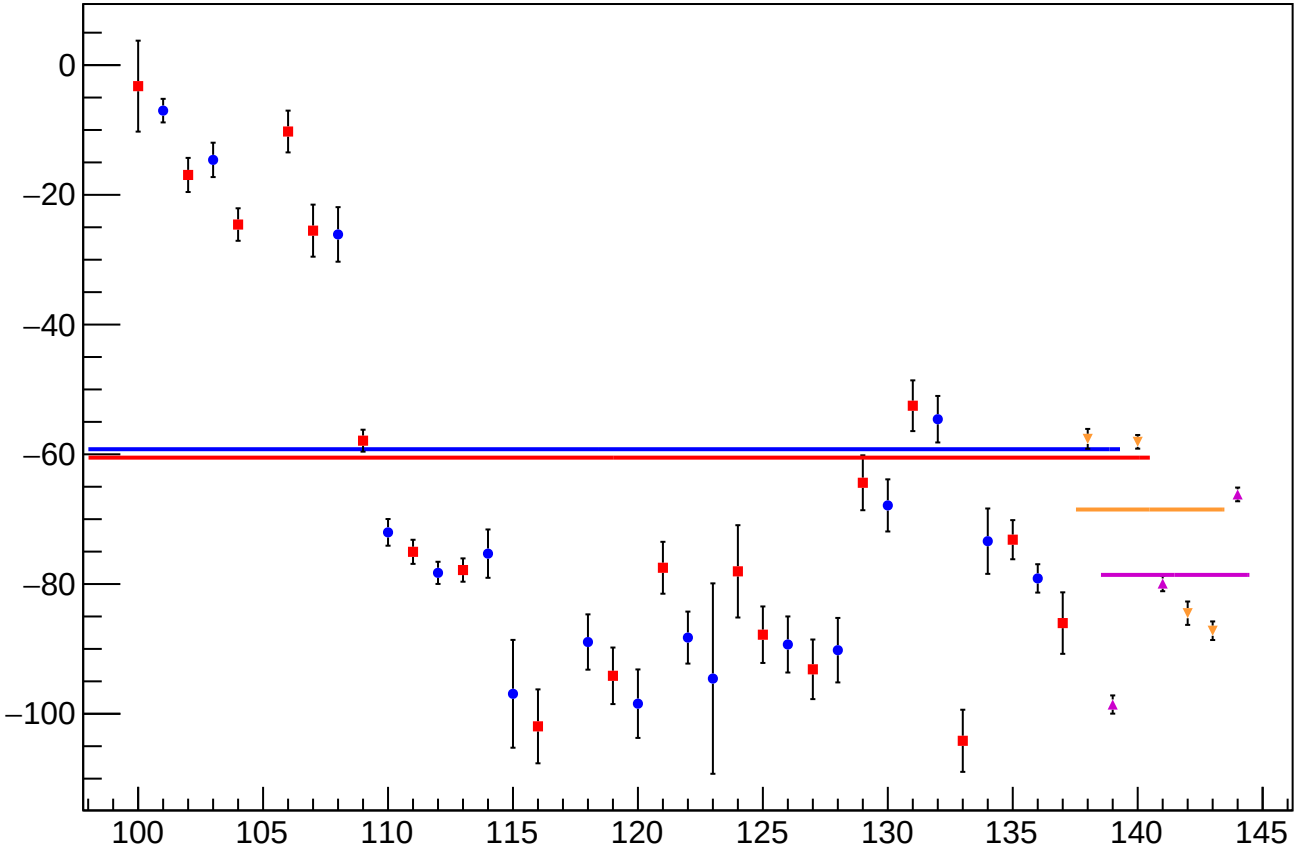
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -5.883+/-0.329 χ^2/NDF:1694.2/19

Out: -3.051+/-0.324 χ^2/NDF:2055.0/22

All: -4.447+/-0.231 χ^2/NDF: 3786.9/42

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: -68.510+/-0.687 χ^2/NDF:396.9/3

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -78.589+/-0.688 χ^2/NDF:341.4/2

Left: -73.545+/-0.486 χ^2/NDF: 845.8/6

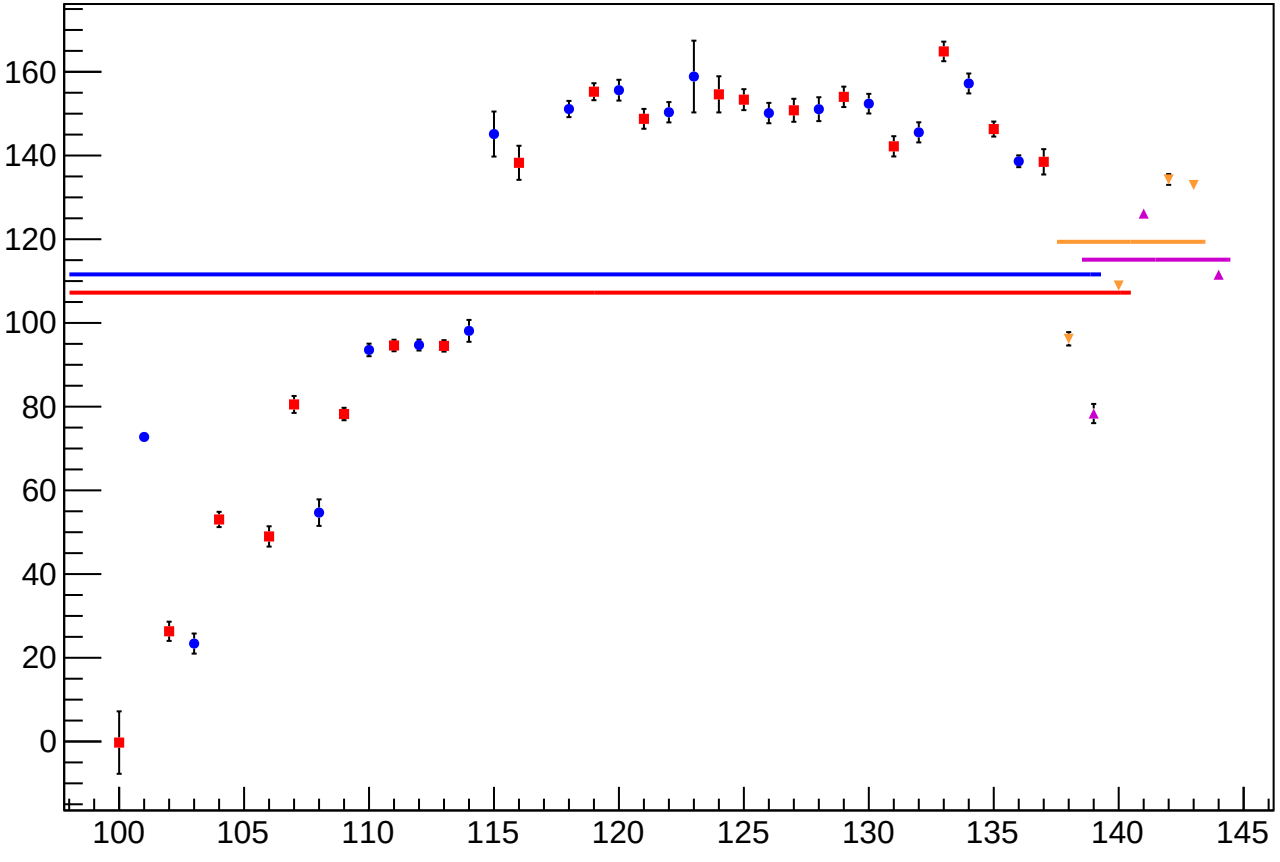
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -69.660+/-0.505 χ^2/NDF:2427.7/19

Out: -64.610+/-0.492 χ^2/NDF:1846.9/22

All: -67.068+/-0.352 χ^2/NDF: 4325.9/42

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: 119.388+/-0.592 χ^2/NDF:607.1/3

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 115.115+/-0.606 χ^2/NDF:408.5/2

Left: 117.301+/-0.423 χ^2/NDF: 1041.1/6

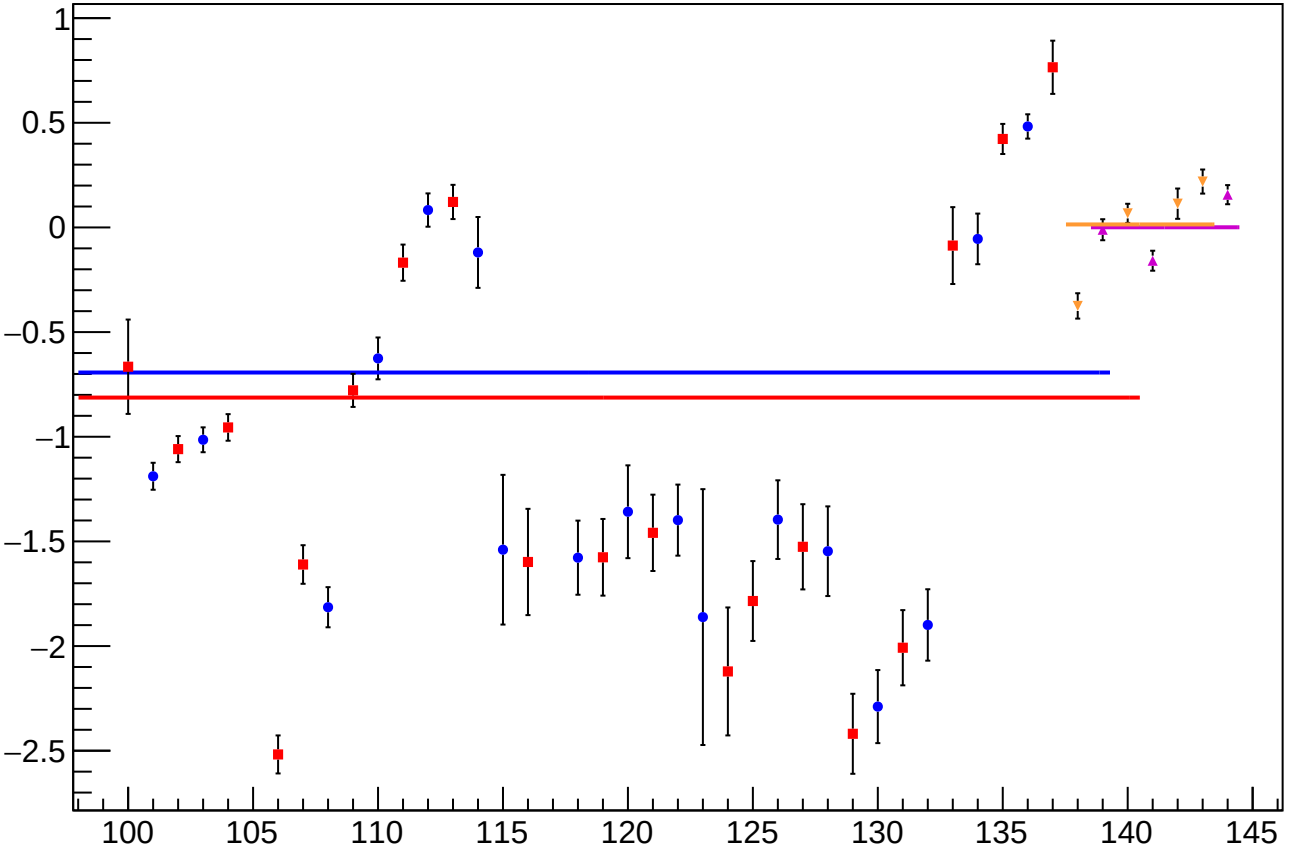
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 112.977+/-0.379 χ^2/NDF:6388.5/19

Out: 112.150+/-0.376 χ^2/NDF:7895.5/22

All: 112.560+/-0.267 χ^2/NDF: 14286.3/42

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: 0.014+/-0.028 χ^2/NDF:57.2/3

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: 0.001+/-0.028 χ^2/NDF:22.9/2

Left: 0.007+/-0.020 χ^2/NDF: 80.2/6

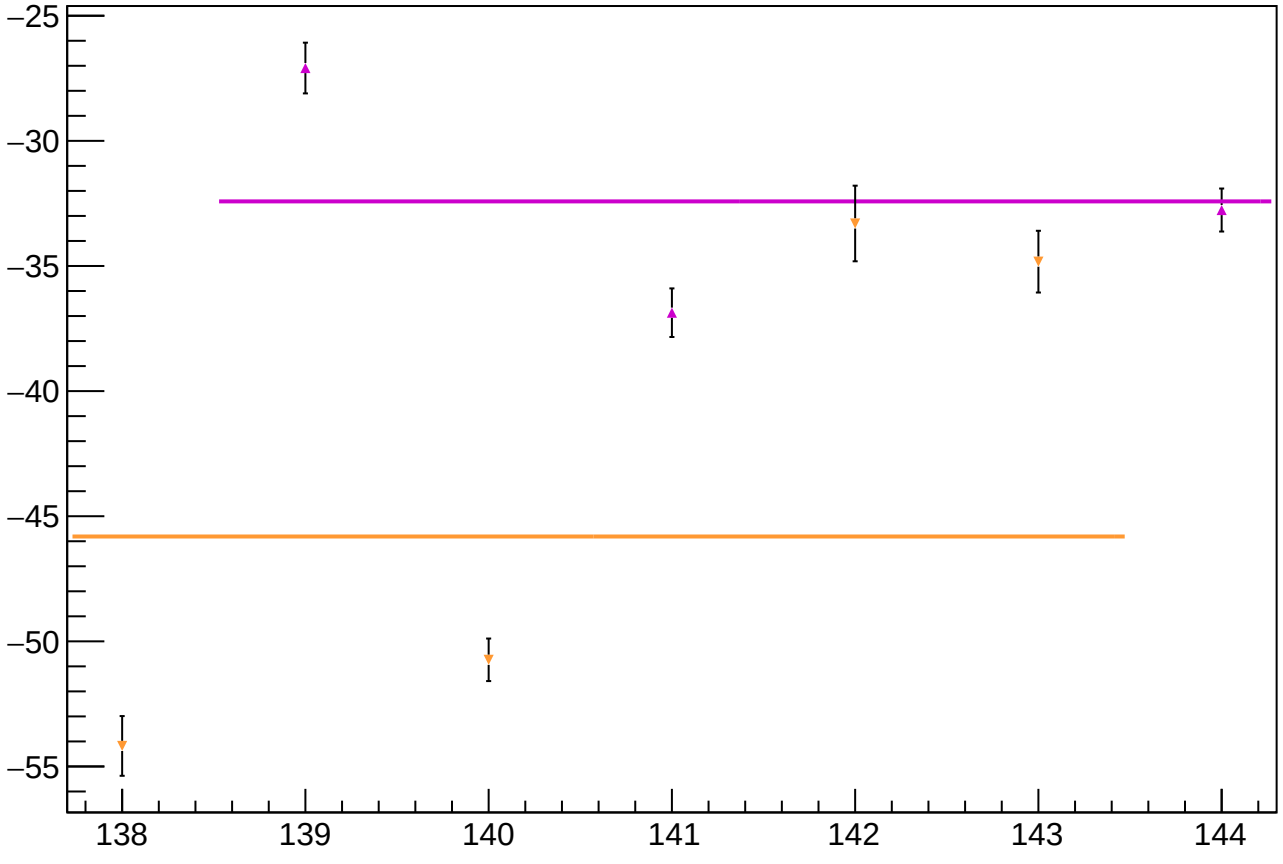
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.370+/-0.019 χ^2/NDF:1353.9/19

Out: -0.462+/-0.018 χ^2/NDF:1857.6/22

All: -0.417+/-0.013 χ^2/NDF: 3223.8/42

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: -45.810+/-0.561 χ^2/NDF:230.6/3

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

Left In: -32.419+/-0.543 χ^2/NDF:48.8/2

Left: -38.903+/-0.390 χ^2/NDF: 573.6/6

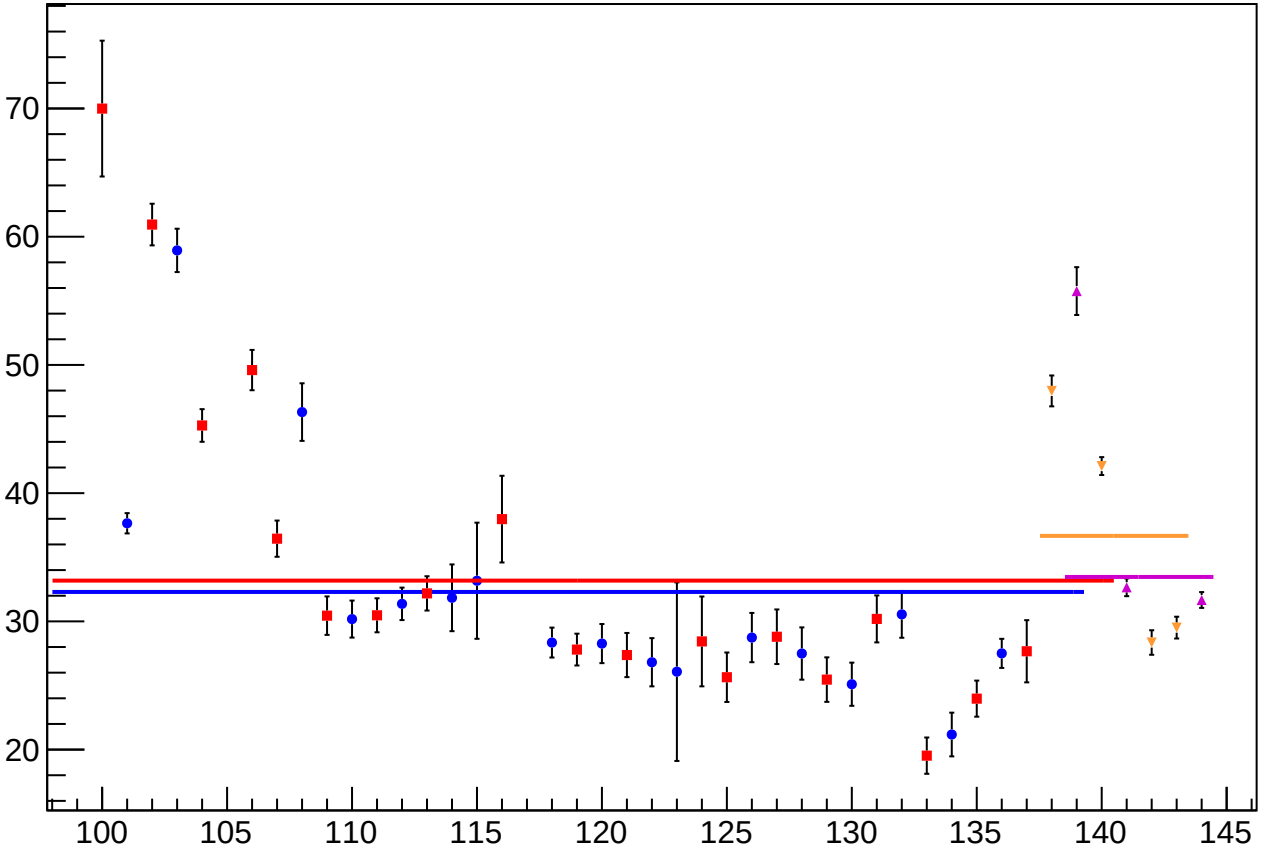
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.419+/-0.543 χ^2/NDF:48.8/2

Out: -45.810+/-0.561 χ^2/NDF:230.6/3

All: -38.903+/-0.390 χ^2/NDF: 573.6/6

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: 36.669+/-0.438 χ^2/NDF:295.4/3

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 33.465+/-0.447 χ^2/NDF:152.7/2

Left: 35.101+/-0.313 χ^2/NDF: 474.4/6

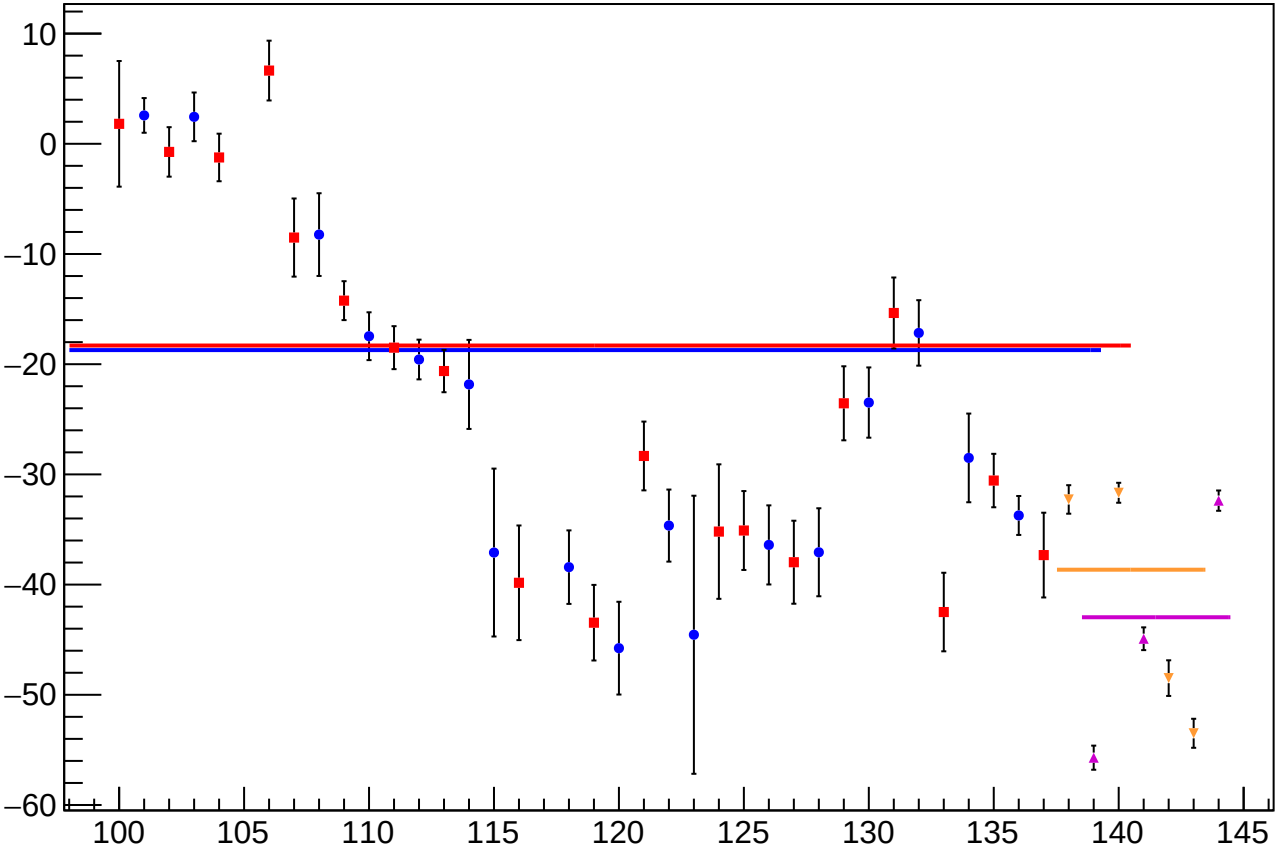
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 32.775+/-0.286 χ^2/NDF:609.0/19

Out: 34.675+/-0.287 χ^2/NDF:1102.0/22

All: 33.724+/-0.203 χ^2/NDF: 1733.0/42

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: -38.648+/-0.600 χ^2/NDF:247.8/3

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -42.963+/-0.582 χ^2/NDF:271.3/2

Left: -40.872+/-0.418 χ^2/NDF: 545.7/6

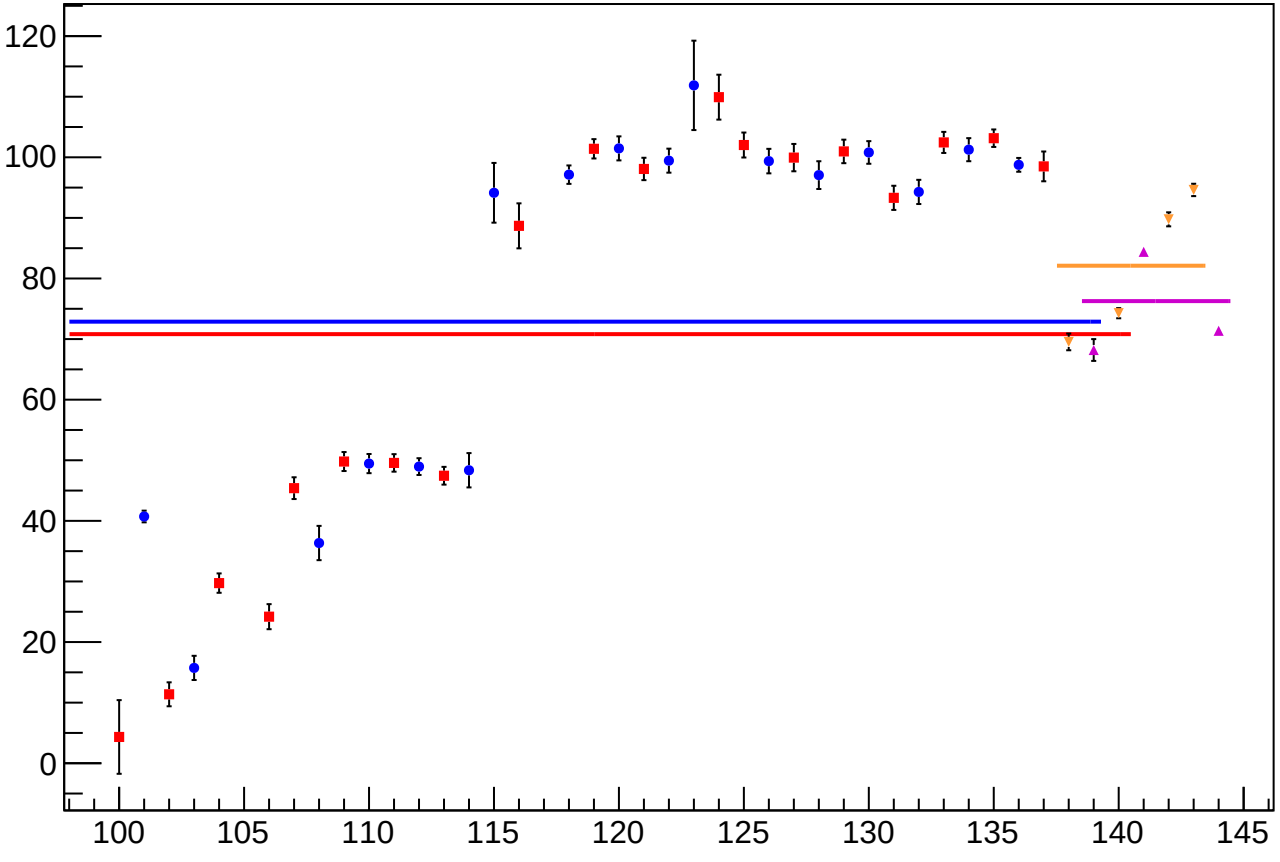
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -32.456+/-0.438 χ^2/NDF:1543.0/19

Out: -29.185+/-0.439 χ^2/NDF:1254.8/22

All: -30.824+/-0.310 χ^2/NDF: 2825.6/42

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: 82.109+/-0.524 χ^2/NDF:364.2/3

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 76.267+/-0.524 χ^2/NDF:160.7/2

Left: 79.193+/-0.371 χ^2/NDF: 587.0/6

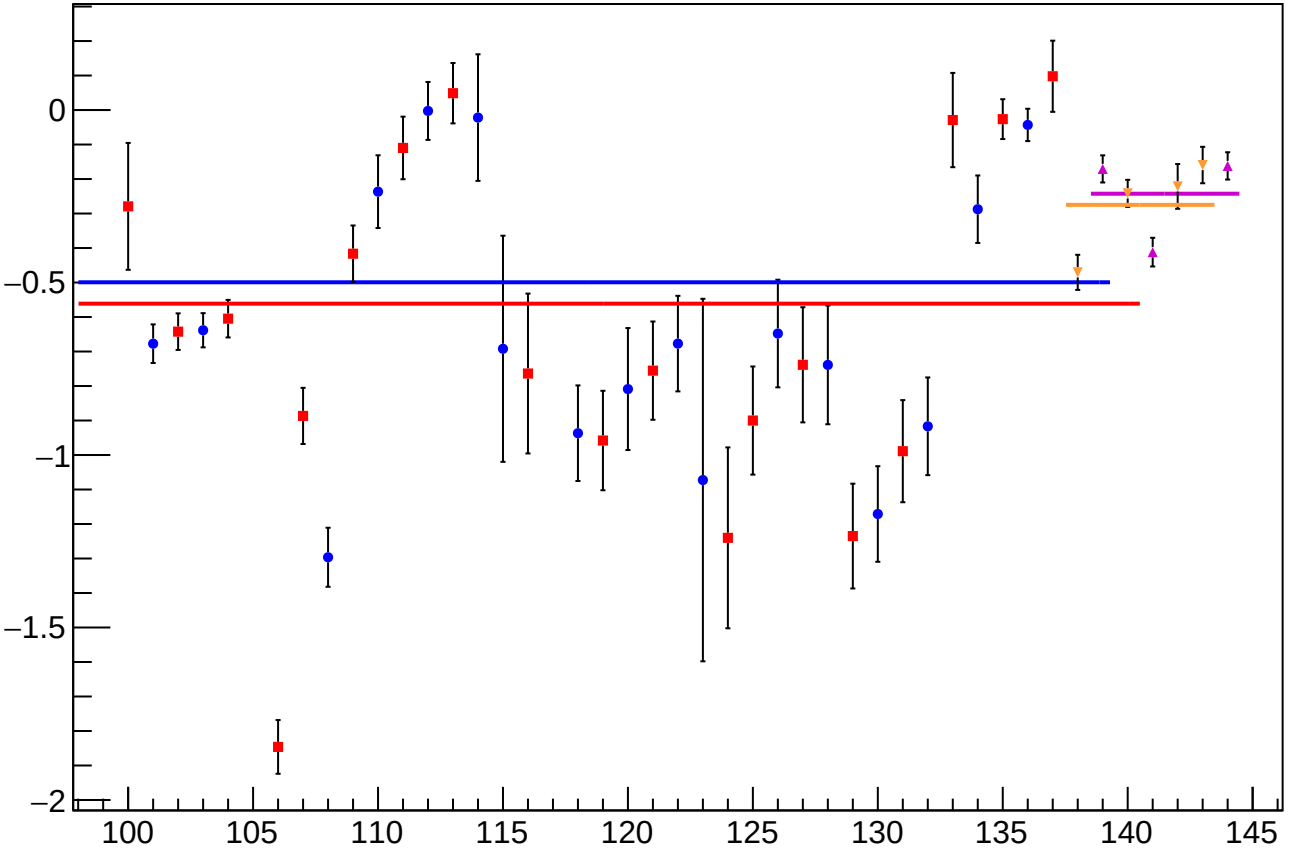
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 74.222+/-0.331 χ^2/NDF:4923.8/19

Out: 75.405+/-0.334 χ^2/NDF:6129.7/22

All: 74.808+/-0.235 χ^2/NDF: 11059.8/42

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: -0.275+/-0.025 χ^2/NDF:21.0/3

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.243+/-0.023 χ^2/NDF:24.1/2

Left: -0.258+/-0.017 χ^2/NDF: 46.0/6

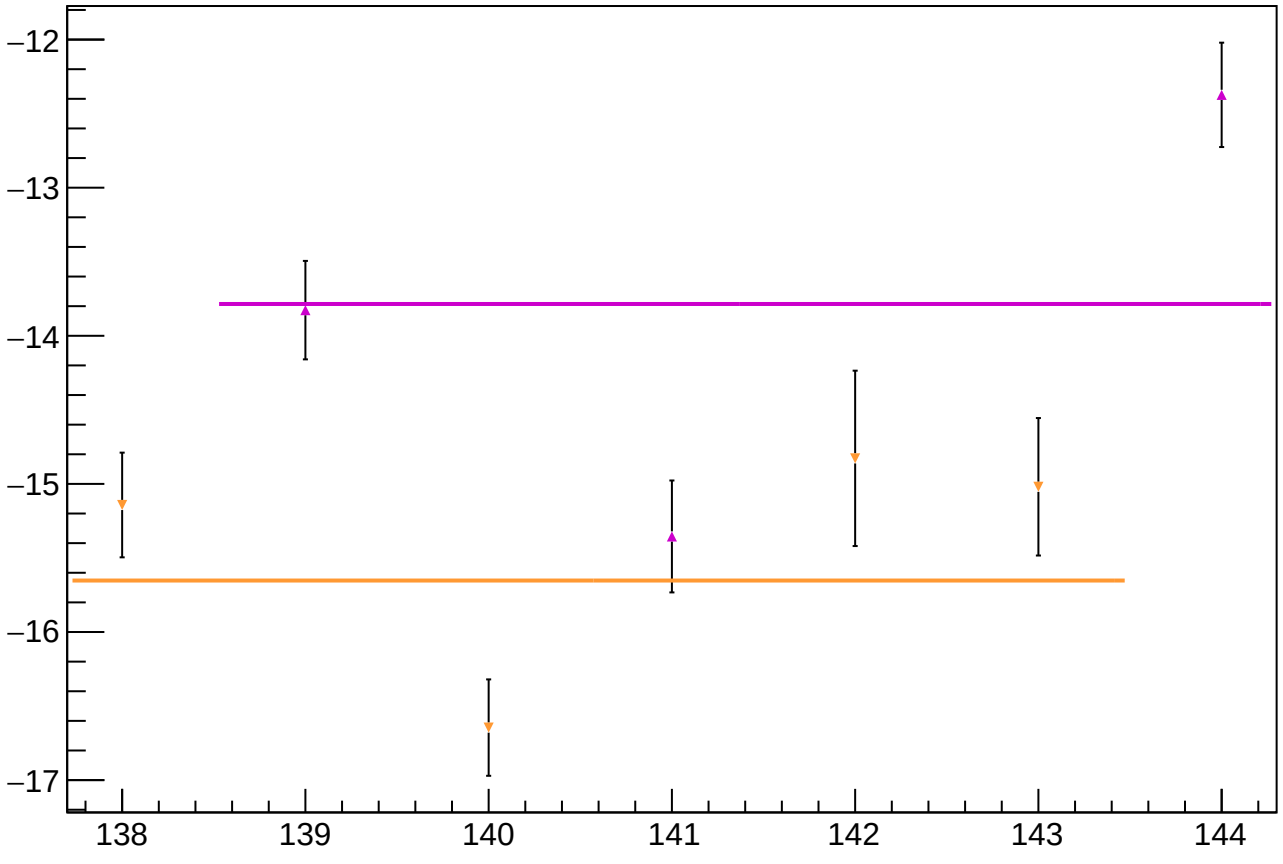
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.376+/-0.016 χ^2/NDF:391.3/19

Out: -0.439+/-0.016 χ^2/NDF:660.0/22

All: -0.407+/-0.011 χ^2/NDF: 1058.9/42

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: -15.652+/-0.200 χ^2/NDF:15.2/3

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

Left In: -13.785+/-0.204 χ^2/NDF:33.3/2

Left: -14.735+/-0.143 χ^2/NDF: 91.3/6

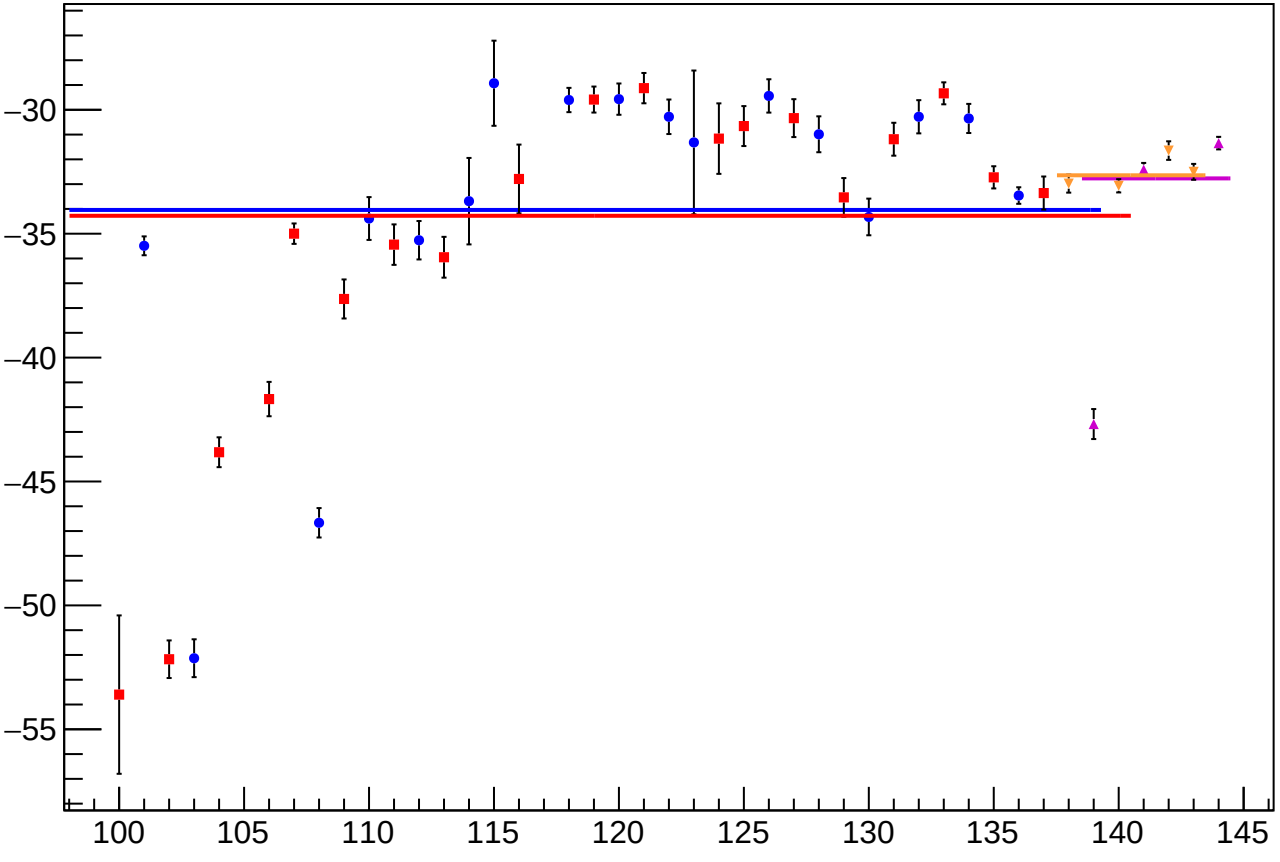
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.785+/-0.204 χ^2/NDF:33.3/2

Out: -15.652+/-0.200 χ^2/NDF:15.2/3

All: -14.735+/-0.143 χ^2/NDF: 91.3/6

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: -32.643+/-0.161 χ^2/NDF:10.6/3

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -32.768+/-0.177 χ^2/NDF:301.4/2

Left: -32.700+/-0.119 χ^2/NDF: 312.3/6

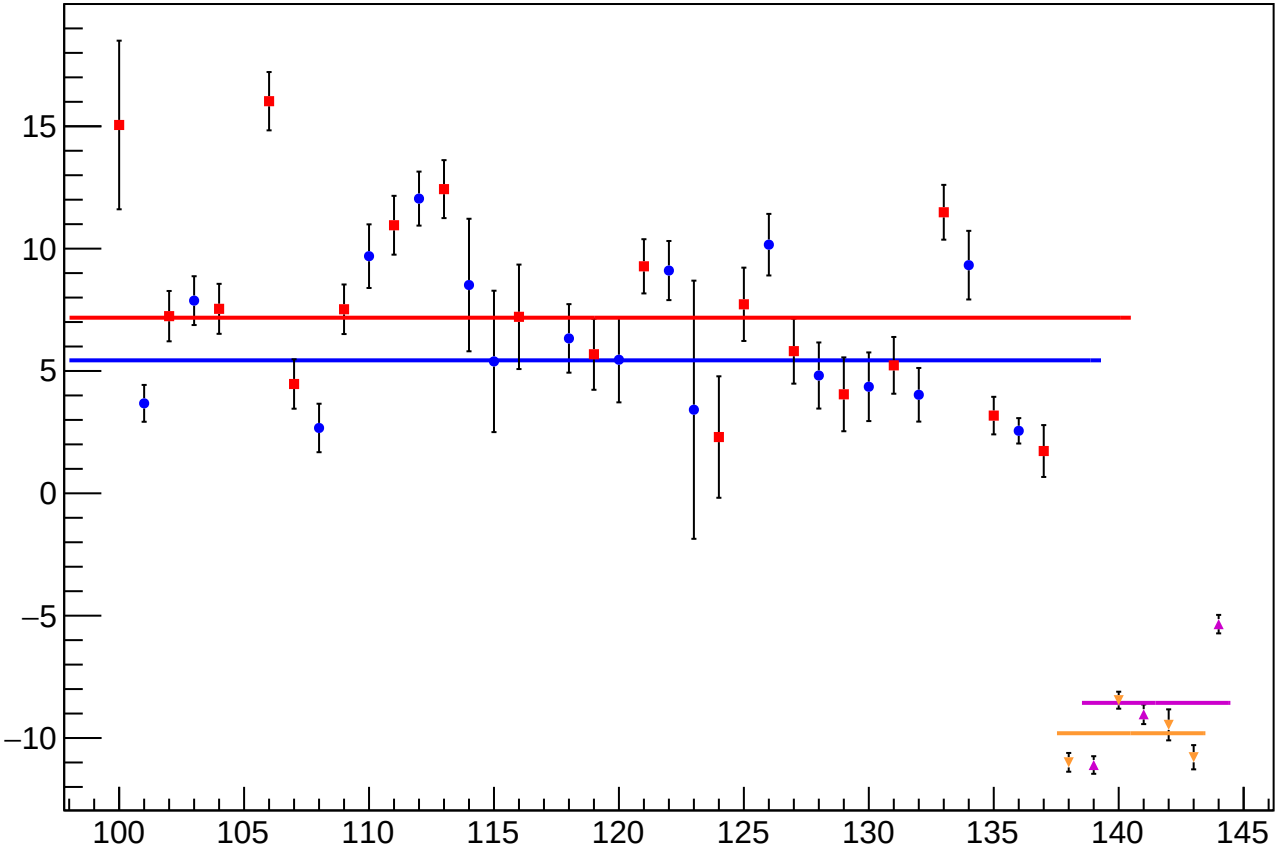
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -33.506+/-0.115 χ^2/NDF:1672.2/19

Out: -33.516+/-0.110 χ^2/NDF:1414.7/22

All: -33.511+/-0.079 χ^2/NDF: 3087.0/42

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -9.805+/-0.215 χ^2/NDF:29.0/3

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -8.564+/-0.218 χ^2/NDF:123.9/2

Left: -9.195+/-0.153 χ^2/NDF: 169.3/6

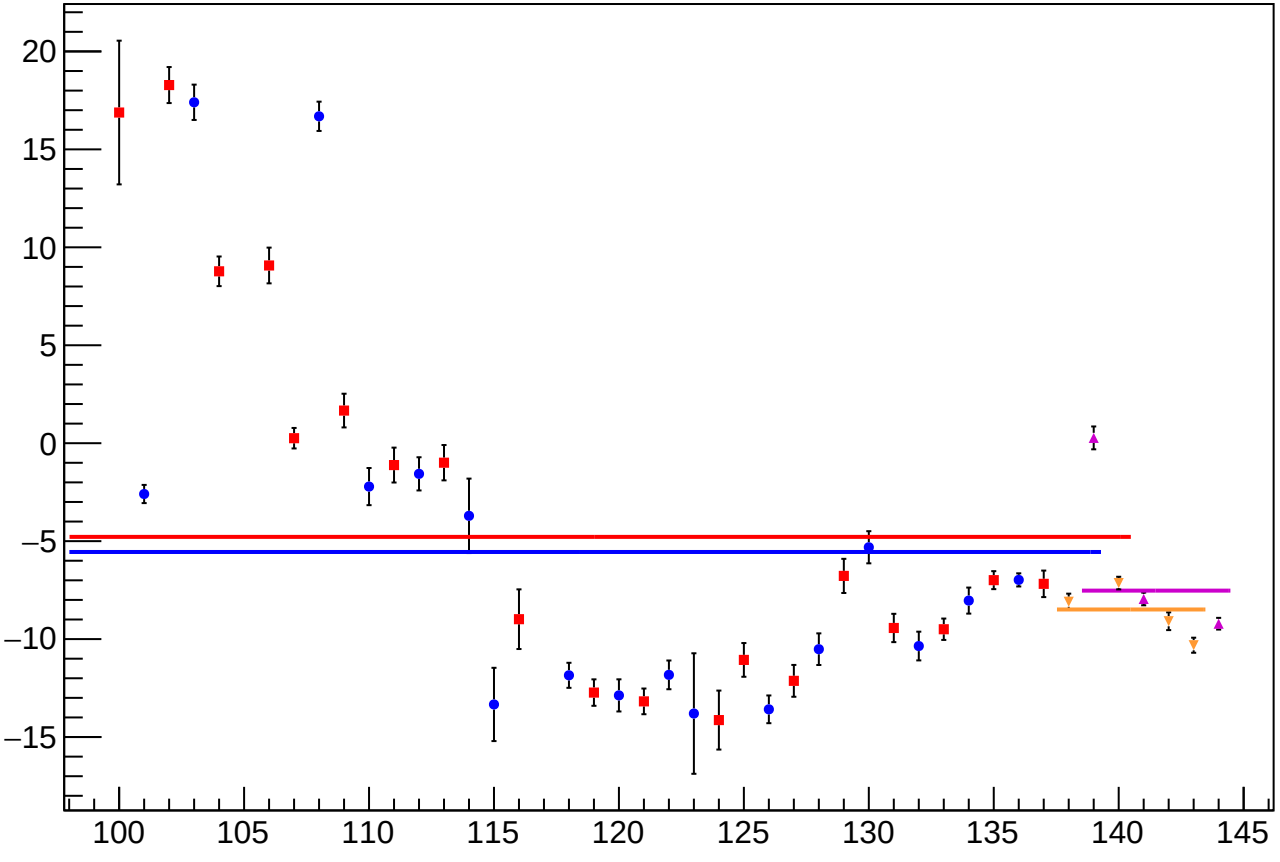
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -3.014+/-0.170 χ^2/NDF:1883.5/19

Out: -3.349+/-0.169 χ^2/NDF:2589.7/22

All: -3.182+/-0.120 χ^2/NDF: 4475.2/42

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: -8.489+/-0.192 χ^2/NDF:42.6/3

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -7.526+/-0.206 χ^2/NDF:212.2/2

Left: -8.040+/-0.140 χ^2/NDF: 266.5/6

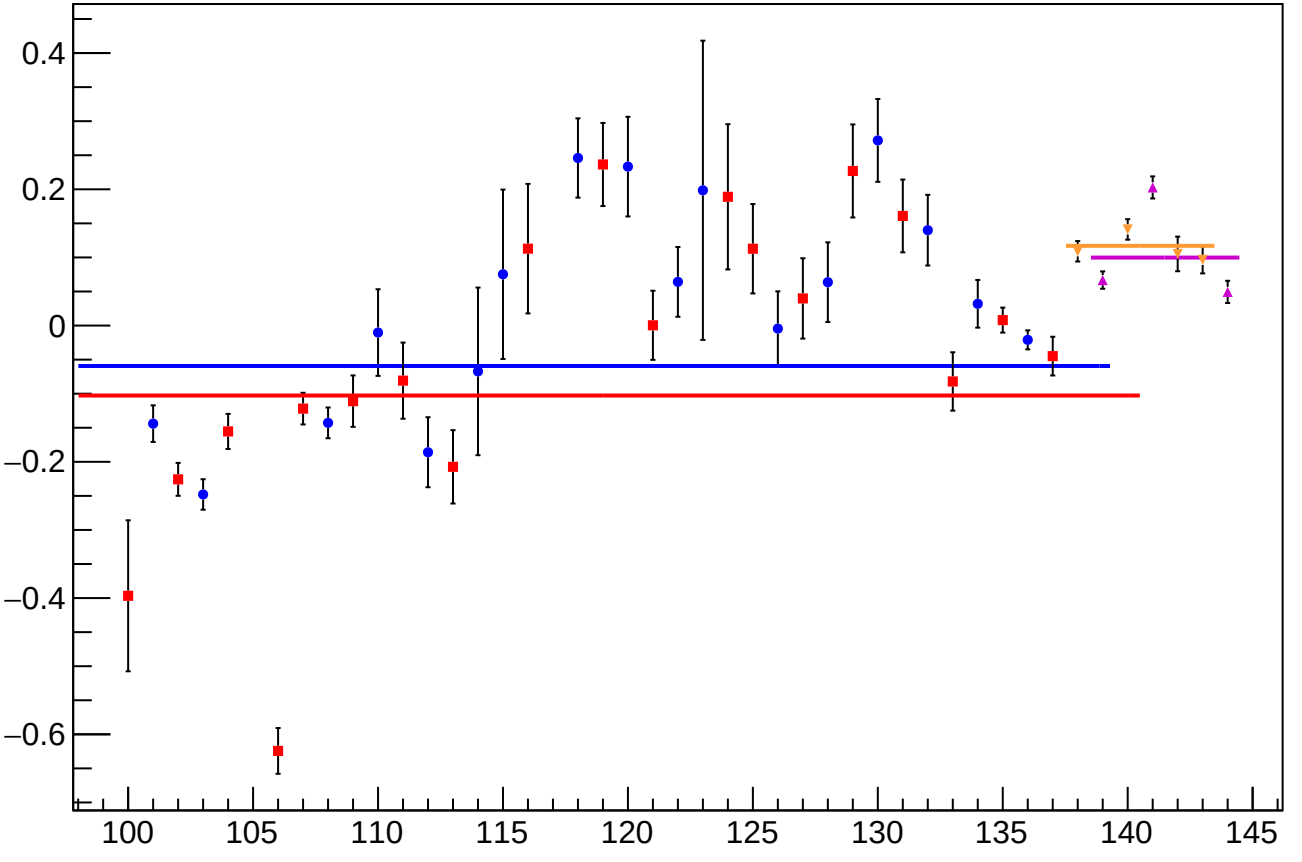
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -6.353+/-0.131 χ^2/NDF:2392.1/19

Out: -6.440+/-0.128 χ^2/NDF:2288.7/22

All: -6.397+/-0.092 χ^2/NDF: 4681.1/42

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: 0.117+/-0.009 χ^2/NDF:4.1/3

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.100+/-0.009 χ^2/NDF:56.7/2

Left: 0.108+/-0.006 χ^2/NDF: 62.8/6

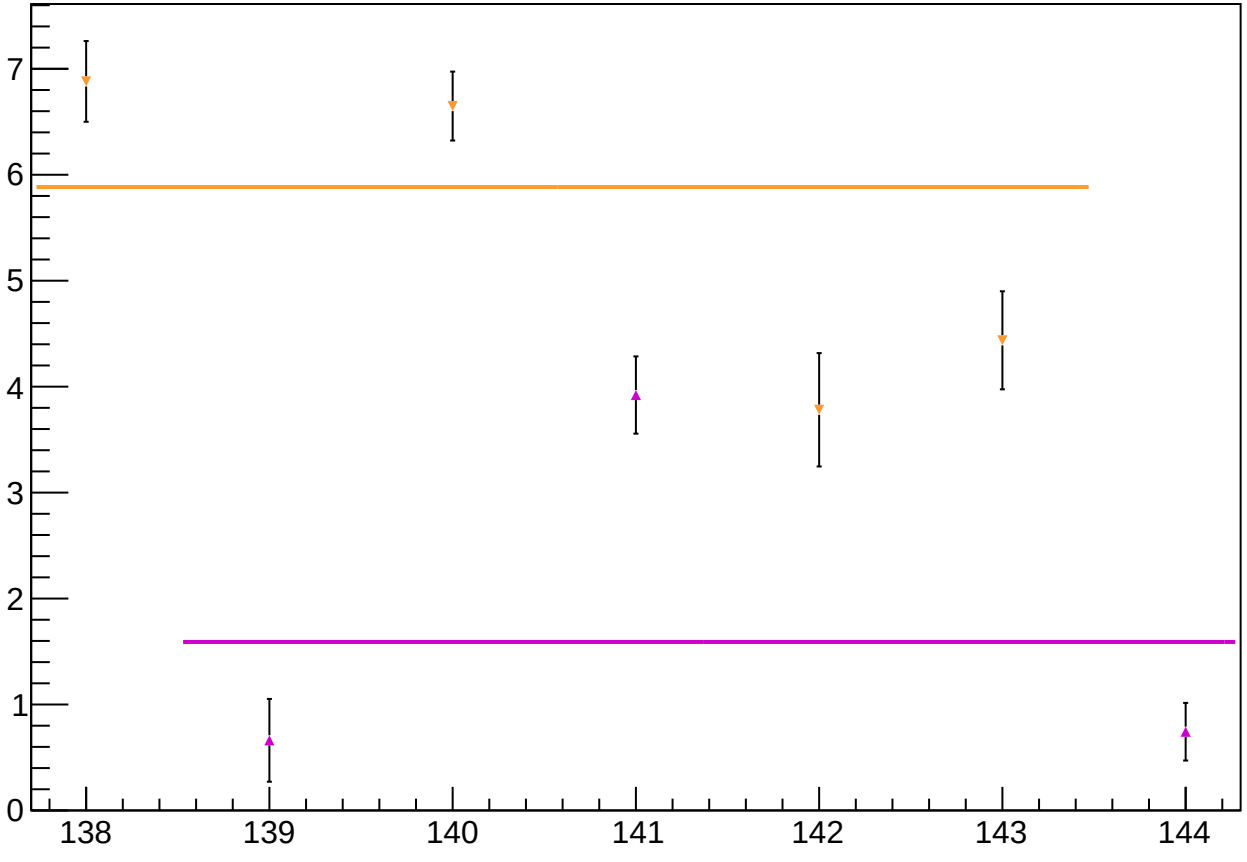
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.019+/-0.006 χ^2/NDF:451.0/19

Out: 0.003+/-0.006 χ^2/NDF:765.7/22

All: 0.011+/-0.004 χ^2/NDF: 1220.5/42

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: 5.884+/-0.202 χ^2/NDF:37.6/3

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

Left In: 1.590+/-0.190 χ^2/NDF:56.2/2

Left: 3.610+/-0.139 χ^2/NDF: 333.0/6

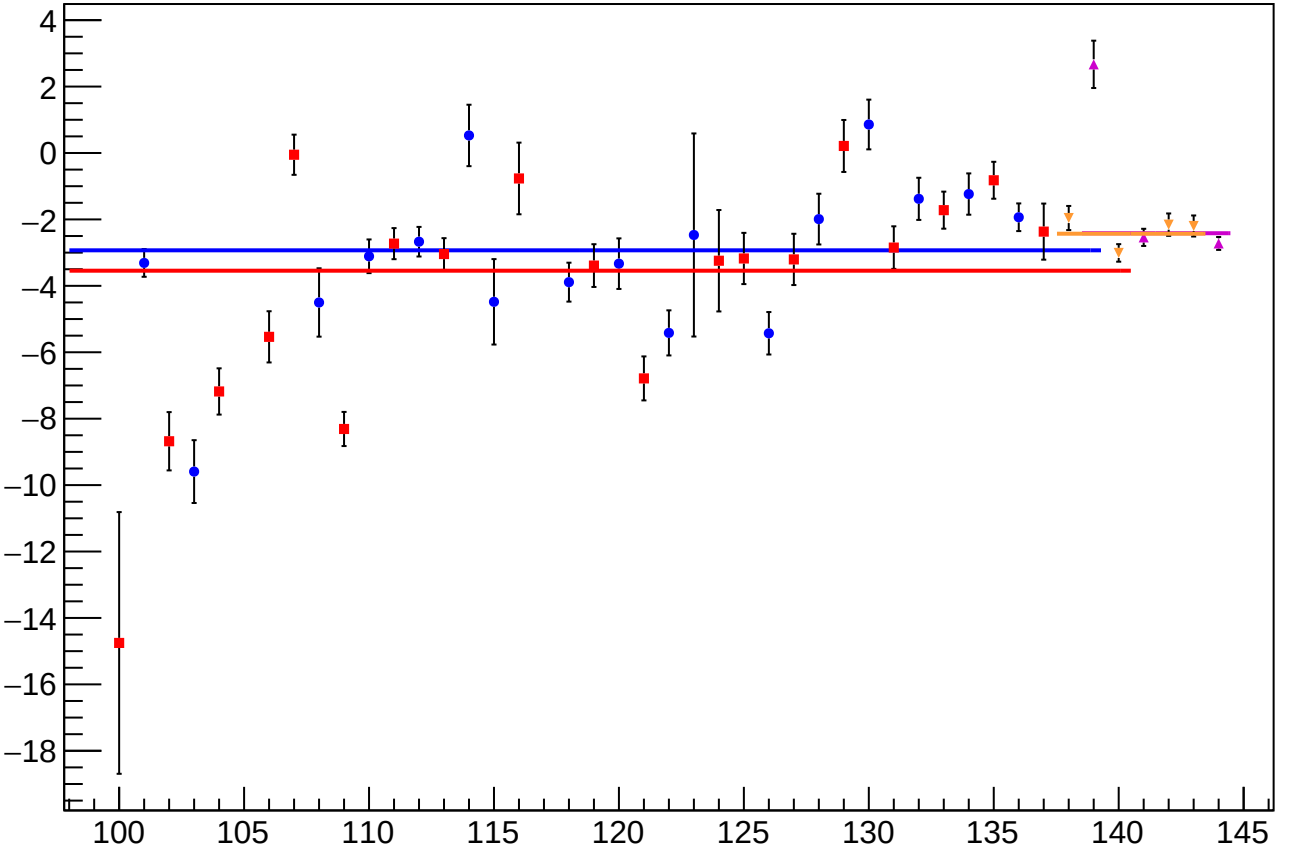
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.590+/-0.190 χ^2/NDF:56.2/2

Out: 5.884+/-0.202 χ^2/NDF:37.6/3

All: 3.610+/-0.139 χ^2/NDF: 333.0/6

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: -2.431+/-0.157 χ^2/NDF:7.7/3

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -2.416+/-0.152 χ^2/NDF:53.6/2

Left: -2.423+/-0.109 χ^2/NDF: 61.3/6

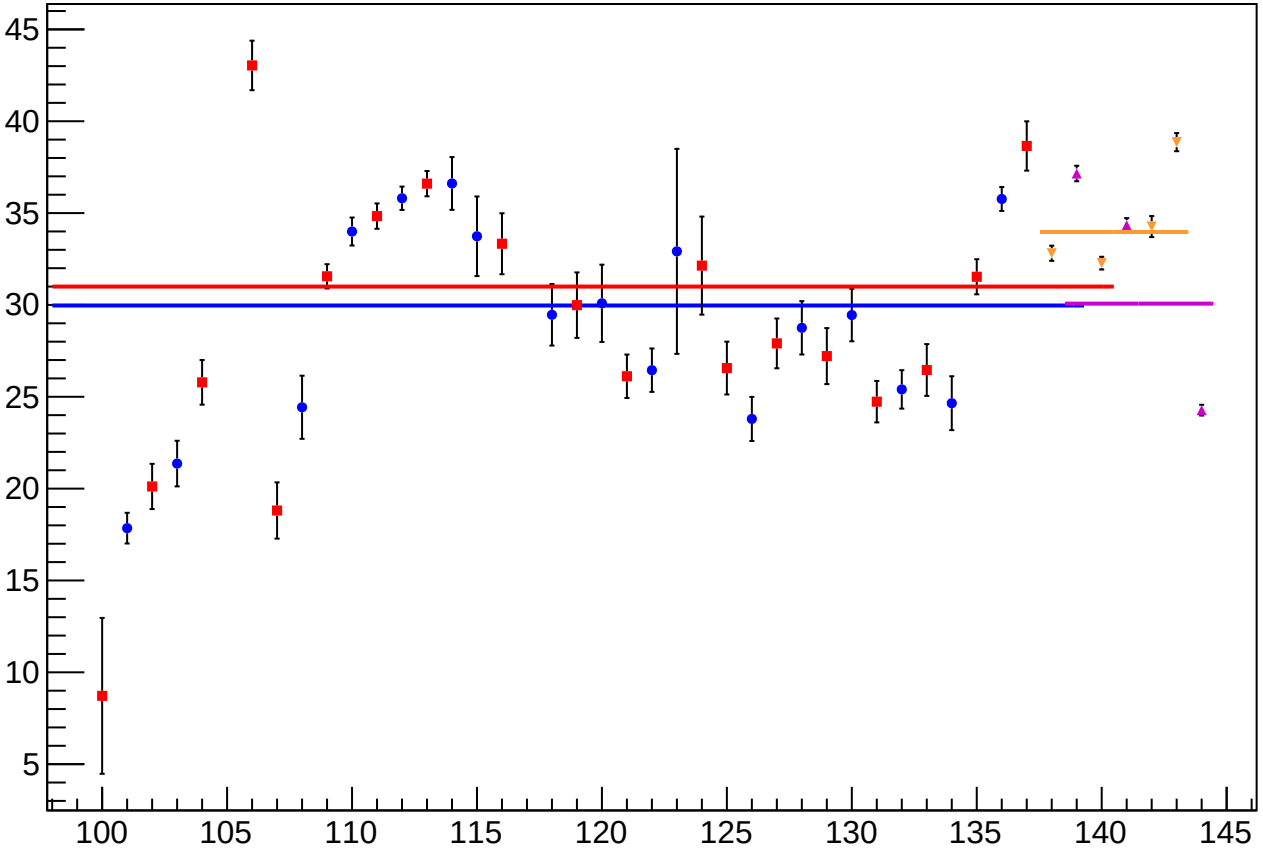
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -2.670+/-0.108 χ^2/NDF:205.8/19

Out: -2.995+/-0.110 χ^2/NDF:324.9/22

All: -2.829+/-0.077 χ^2/NDF: 535.2/42

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: 33.972+/-0.216 χ^2/NDF:130.2/3

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 30.071+/-0.204 χ^2/NDF:797.8/2

Left: 31.907+/-0.148 χ^2/NDF: 1100.0/6

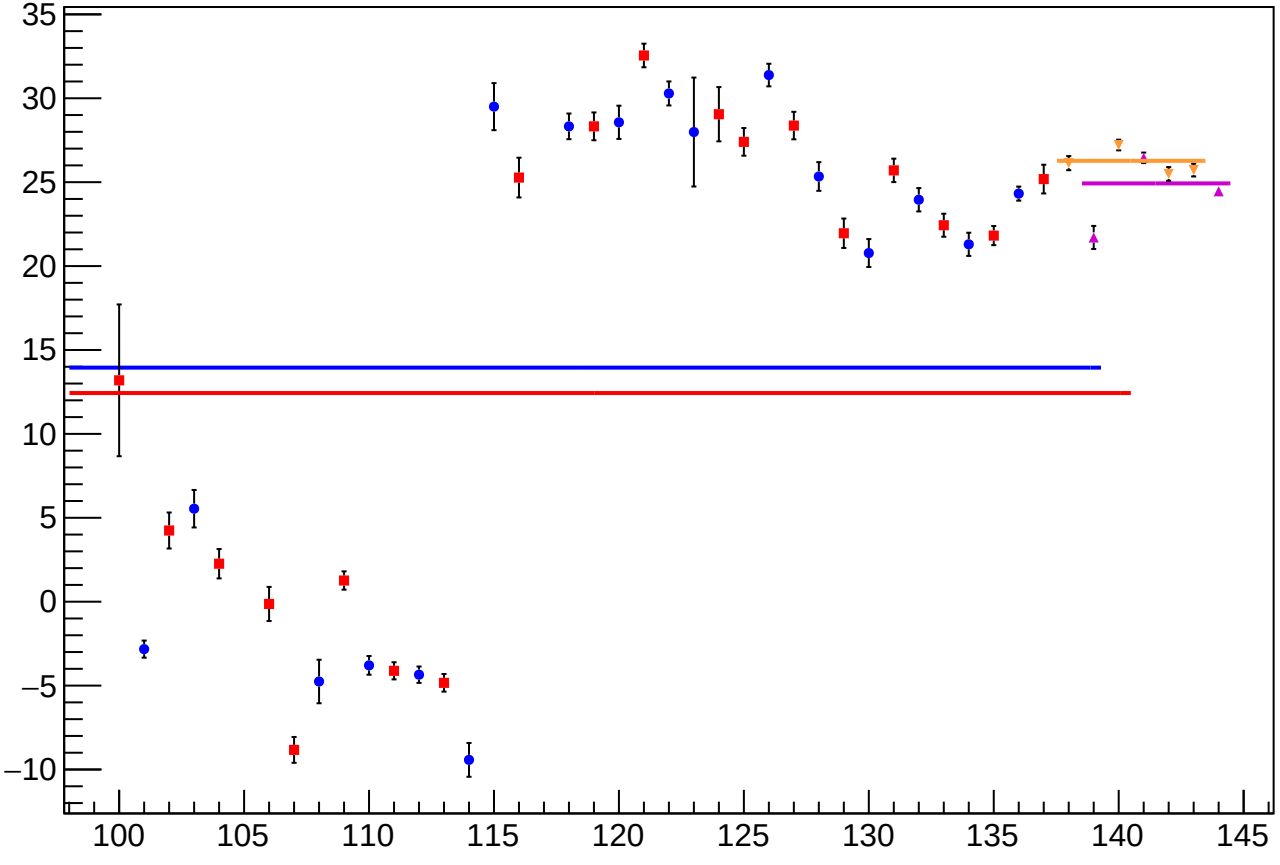
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 30.033+/-0.162 χ^2/NDF:1352.2/19

Out: 32.755+/-0.166 χ^2/NDF:686.9/22

All: 31.359+/-0.116 χ^2/NDF: 2176.5/42

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: 26.272+/-0.188 χ^2/NDF:14.5/3

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 24.927+/-0.179 χ^2/NDF:50.0/2

Left: 25.566+/-0.130 χ^2/NDF: 91.4/6

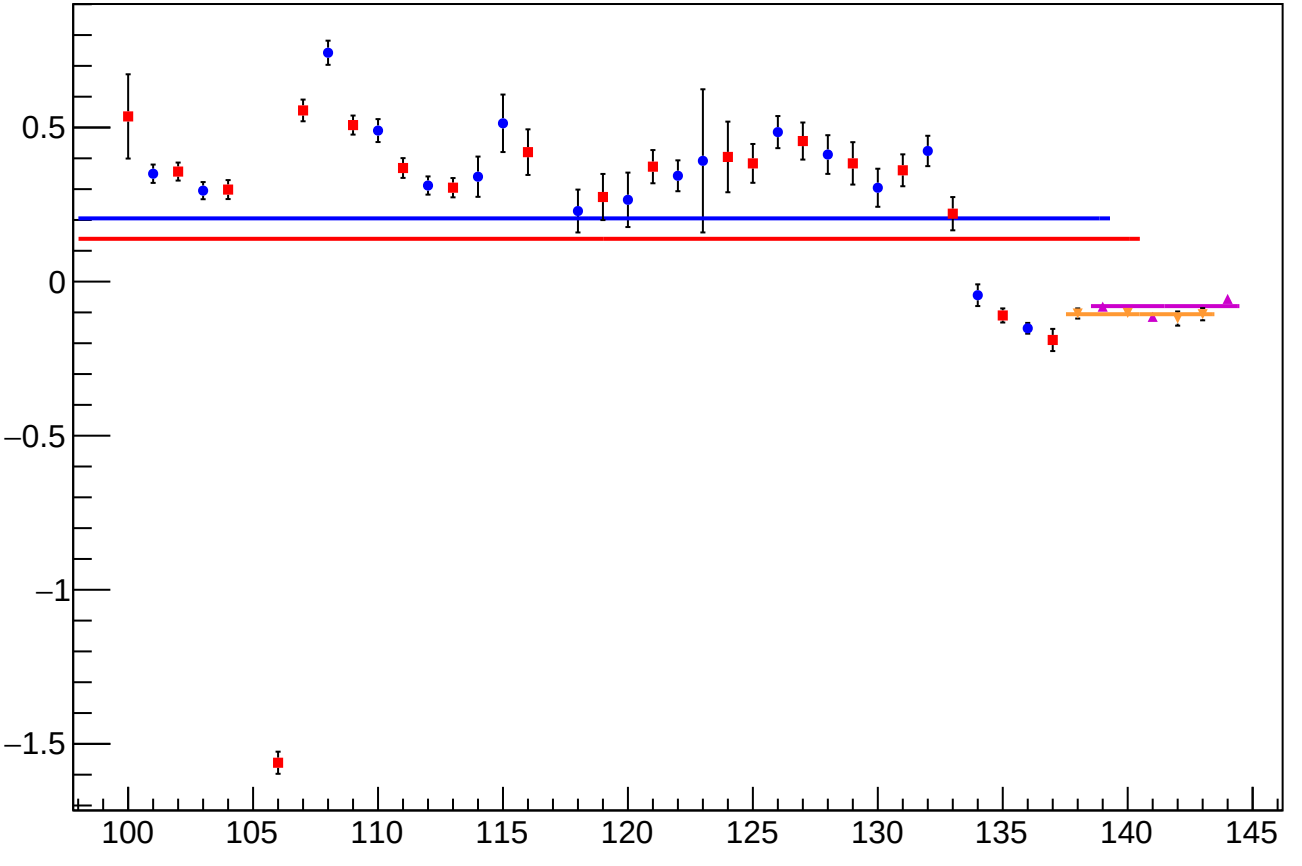
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 19.219+/-0.124 χ^2/NDF:9398.9/19

Out: 18.803+/-0.128 χ^2/NDF:9898.8/22

All: 19.017+/-0.089 χ^2/NDF: 19303.2/42

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: -0.106+/-0.009 χ^2/NDF:0.5/3

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.080+/-0.008 χ^2/NDF:8.5/2

Left: -0.092+/-0.006 χ^2/NDF: 13.6/6

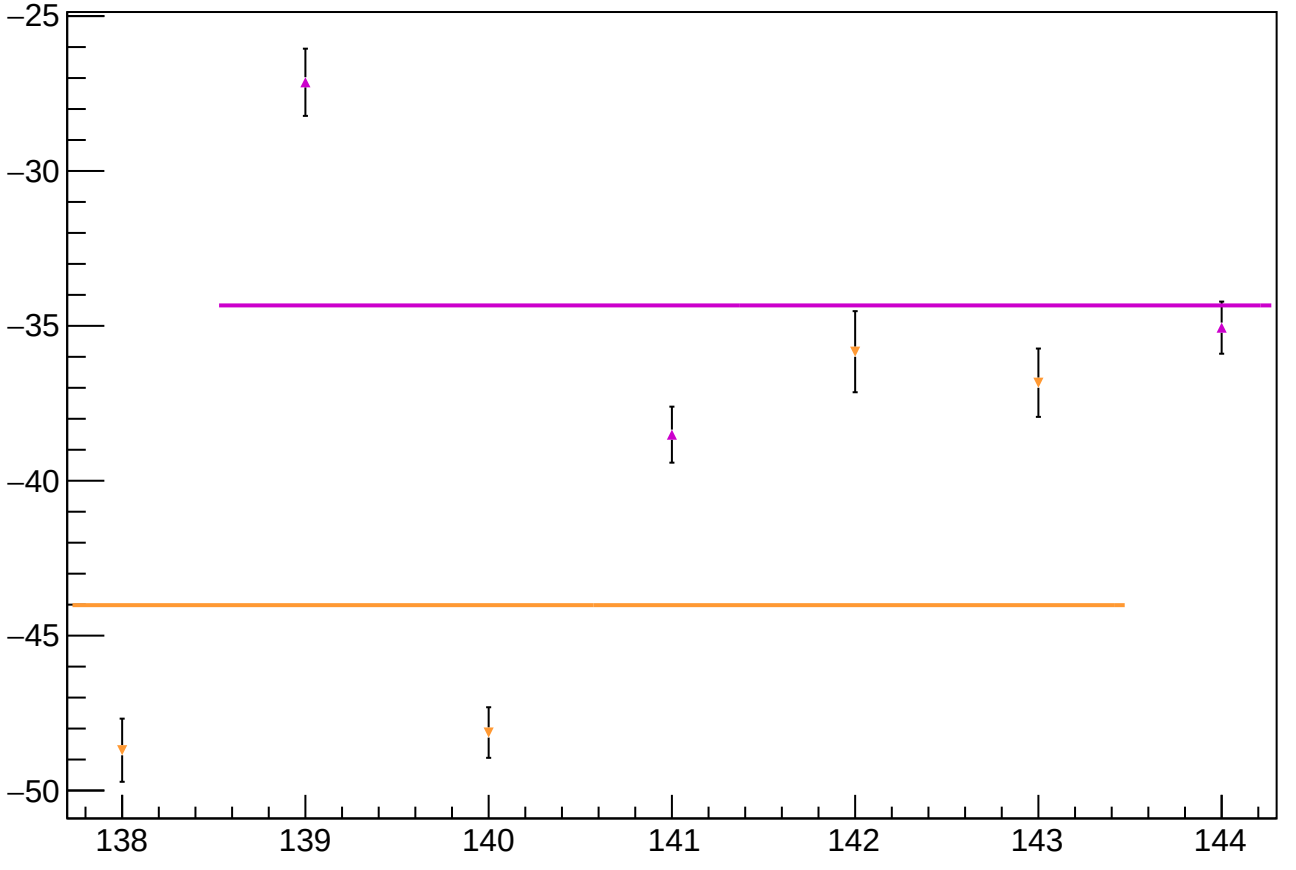
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: 0.044+/-0.006 χ^2/NDF:1378.2/19

Out: 0.013+/-0.006 χ^2/NDF:3381.5/22

All: 0.029+/-0.004 χ^2/NDF: 4771.9/42

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: -44.016+/-0.508 χ^2/NDF:127.9/3

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

Left In: -34.340+/-0.536 χ^2/NDF:66.1/2

Left: -39.430+/-0.369 χ^2/NDF: 365.7/6

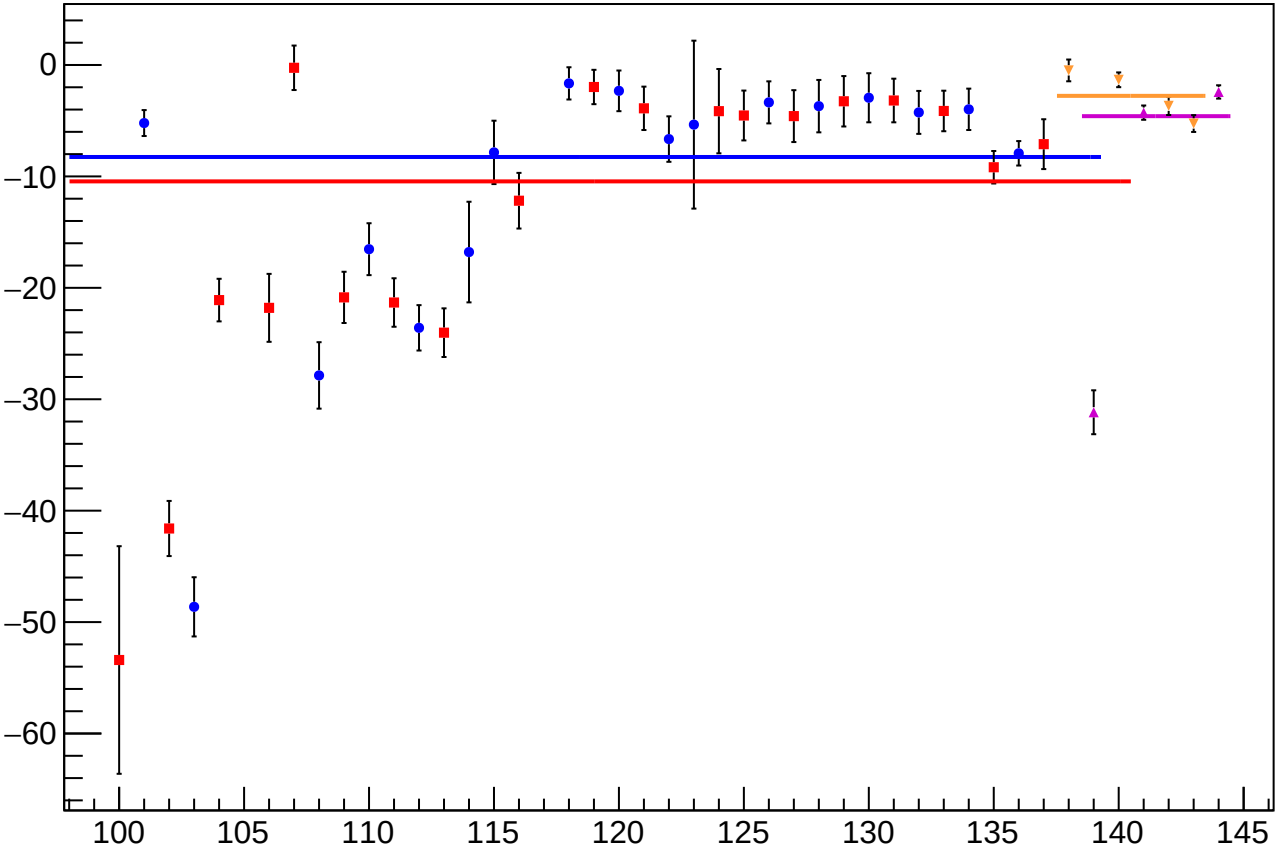
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.340+/-0.536 χ^2/NDF:66.1/2

Out: -44.016+/-0.508 χ^2/NDF:127.9/3

All: -39.430+/-0.369 χ^2/NDF: 365.7/6

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: -2.770+/-0.390 χ^2/NDF:22.2/3

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -4.593+/-0.427 χ^2/NDF:195.3/2

Left: -3.600+/-0.288 χ^2/NDF: 227.5/6

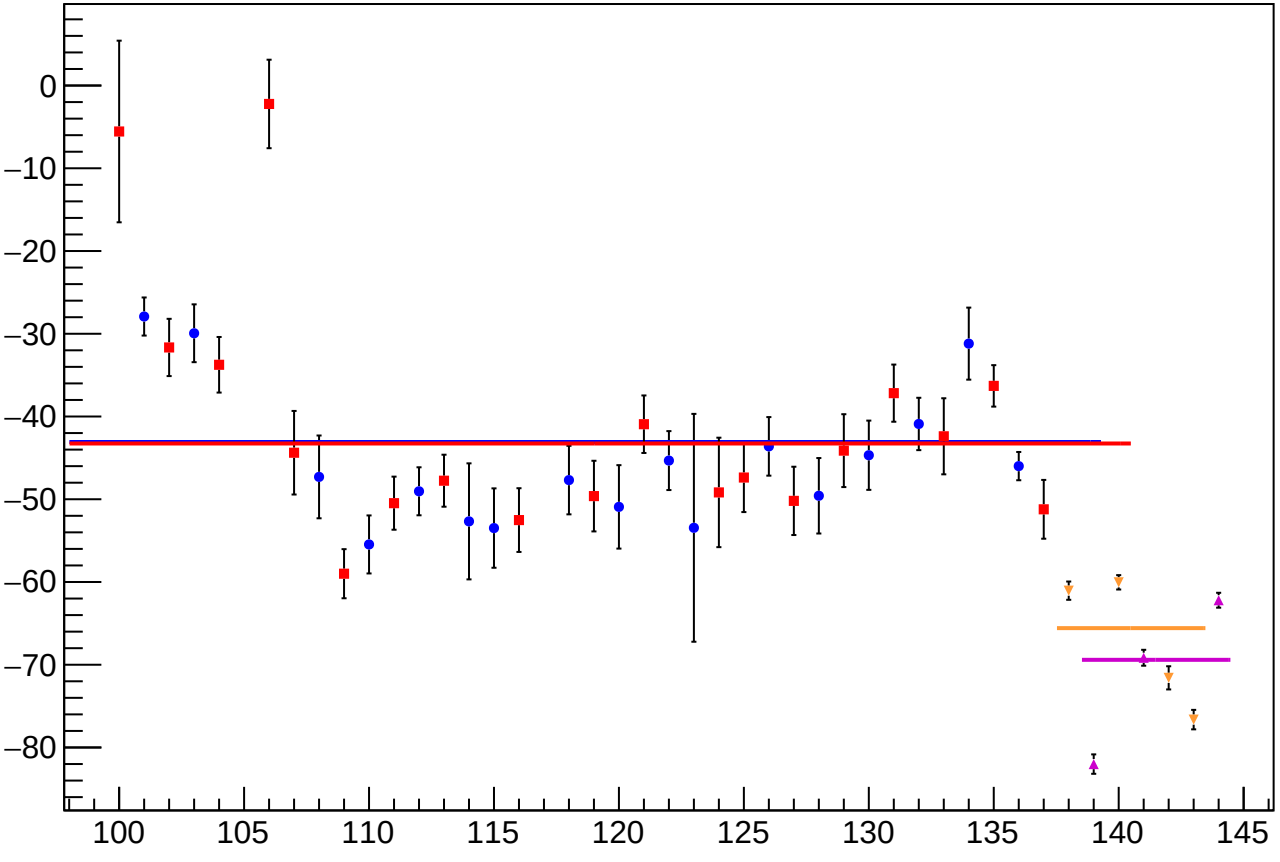
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -6.280+/-0.314 χ^2/NDF:641.4/19

Out: -5.742+/-0.306 χ^2/NDF:600.3/22

All: -6.004+/-0.219 χ^2/NDF: 1243.2/42

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: -65.576+/-0.544 χ^2/NDF:164.0/3

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -69.406+/-0.573 χ^2/NDF:179.3/2

Left: -67.392+/-0.395 χ^2/NDF: 366.8/6

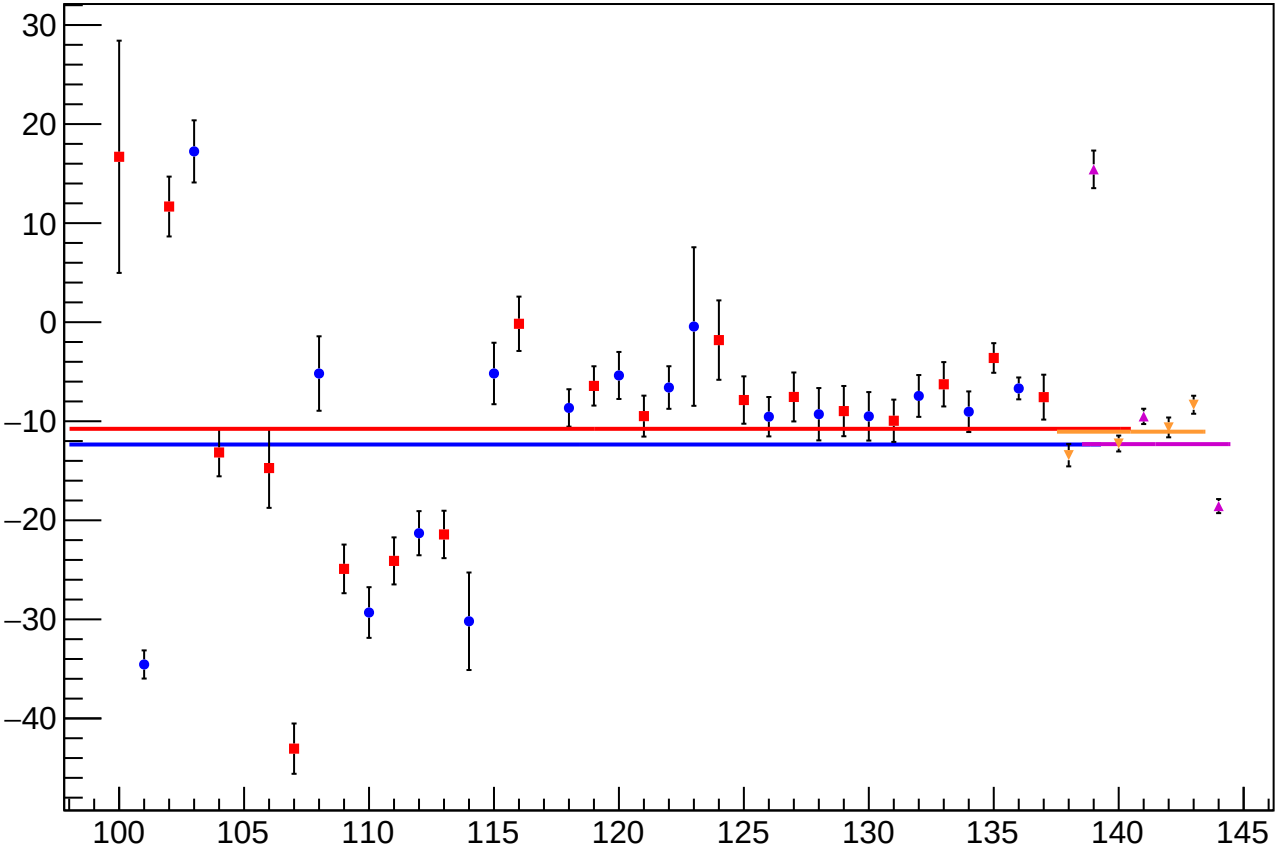
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -60.959+/-0.473 χ^2/NDF:954.7/19

Out: -59.261+/-0.461 χ^2/NDF:793.7/22

All: -60.089+/-0.330 χ^2/NDF: 1755.0/42

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: -11.052+/-0.469 χ^2/NDF:15.7/3

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -12.310+/-0.504 χ^2/NDF:304.1/2

Left: -11.635+/-0.343 χ^2/NDF: 323.2/6

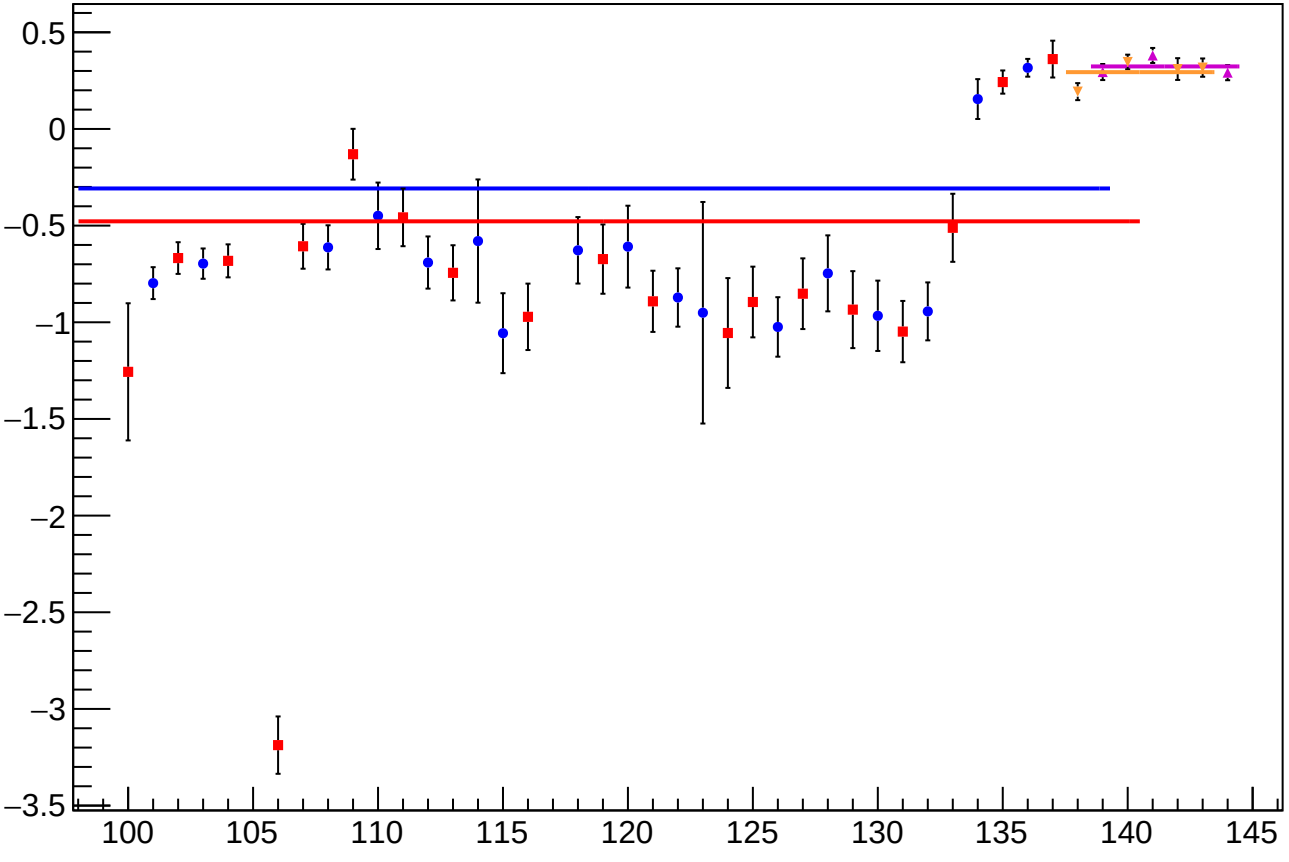
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -12.328+/-0.362 χ^2/NDF:780.0/19

Out: -10.932+/-0.358 χ^2/NDF:382.5/22

All: -11.622+/-0.254 χ^2/NDF: 1170.1/42

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: 0.294+/-0.023 χ^2/NDF:7.5/3

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.323+/-0.023 χ^2/NDF:3.3/2

Left: 0.308+/-0.016 χ^2/NDF: 11.6/6

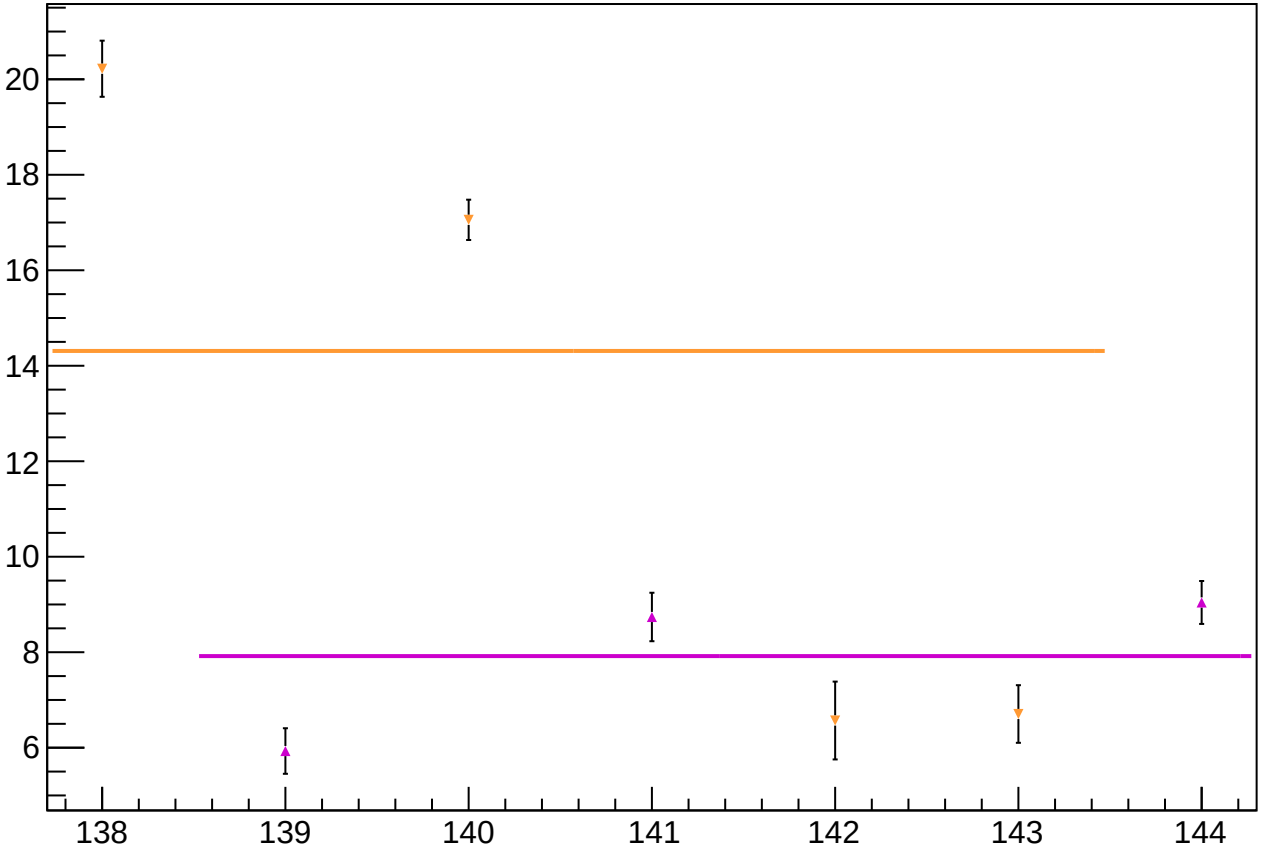
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.064+/-0.018 χ^2/NDF:685.4/19

Out: -0.002+/-0.018 χ^2/NDF:1089.6/22

All: 0.031+/-0.012 χ^2/NDF: 1782.0/42

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: 14.310+/-0.280 χ^2/NDF:392.4/3

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

Left In: 7.919+/-0.275 χ^2/NDF:26.2/2

Left: 11.057+/-0.196 χ^2/NDF: 683.8/6

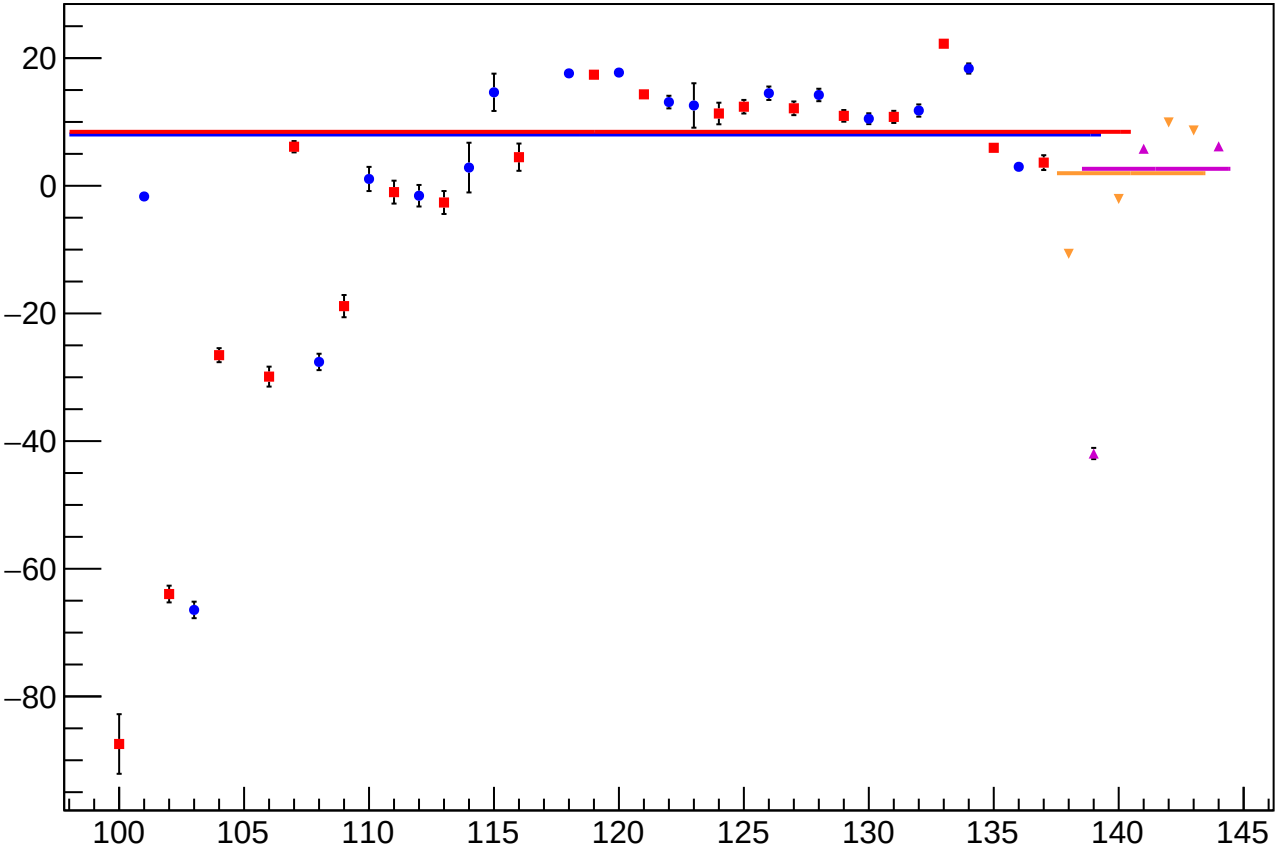
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.919+/-0.275 χ^2/NDF:26.2/2

Out: 14.310+/-0.280 χ^2/NDF:392.4/3

All: 11.057+/-0.196 χ^2/NDF: 683.8/6

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: 1.970+/-0.221 χ^2/NDF:1077.2/3

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 2.659+/-0.233 χ^2/NDF:2765.5/2

Left: 2.296+/-0.160 χ^2/NDF: 3847.3/6

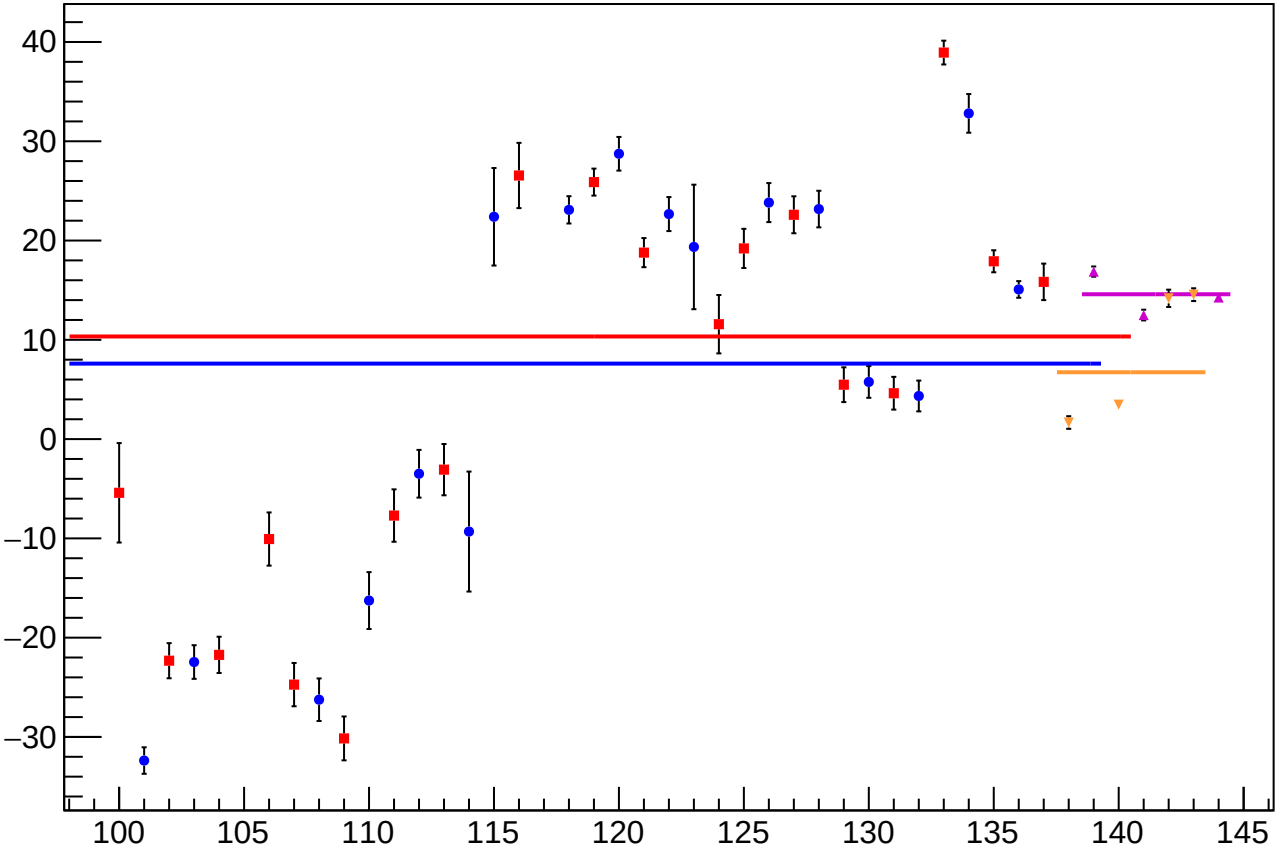
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 5.557+/-0.158 χ^2/NDF:8422.9/19

Out: 5.322+/-0.153 χ^2/NDF:8227.7/22

All: 5.436+/-0.110 χ^2/NDF: 16651.8/42

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: 6.734+/-0.300 χ^2/NDF:335.8/3

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 14.591+/-0.295 χ^2/NDF:35.2/2

Left: 10.728+/-0.210 χ^2/NDF: 720.3/6

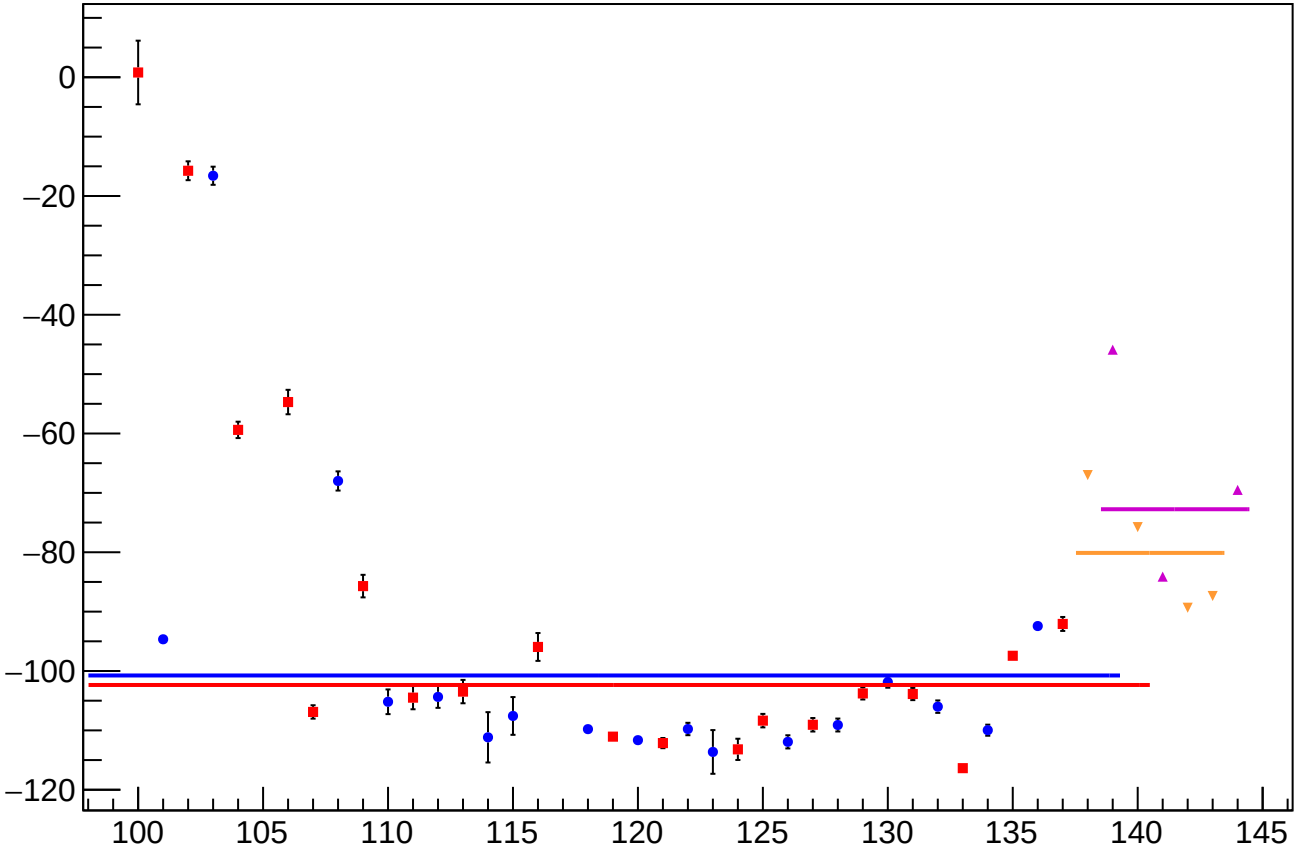
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 12.254+/-0.240 χ^2/NDF:2548.1/19

Out: 7.964+/-0.243 χ^2/NDF:2667.0/22

All: 10.134+/-0.171 χ^2/NDF: 5372.4/42

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: -80.110+/-0.264 χ^2/NDF:906.4/3

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -72.755+/-0.272 χ^2/NDF:1753.8/2

Left: -76.544+/-0.189 χ^2/NDF: 3036.8/6

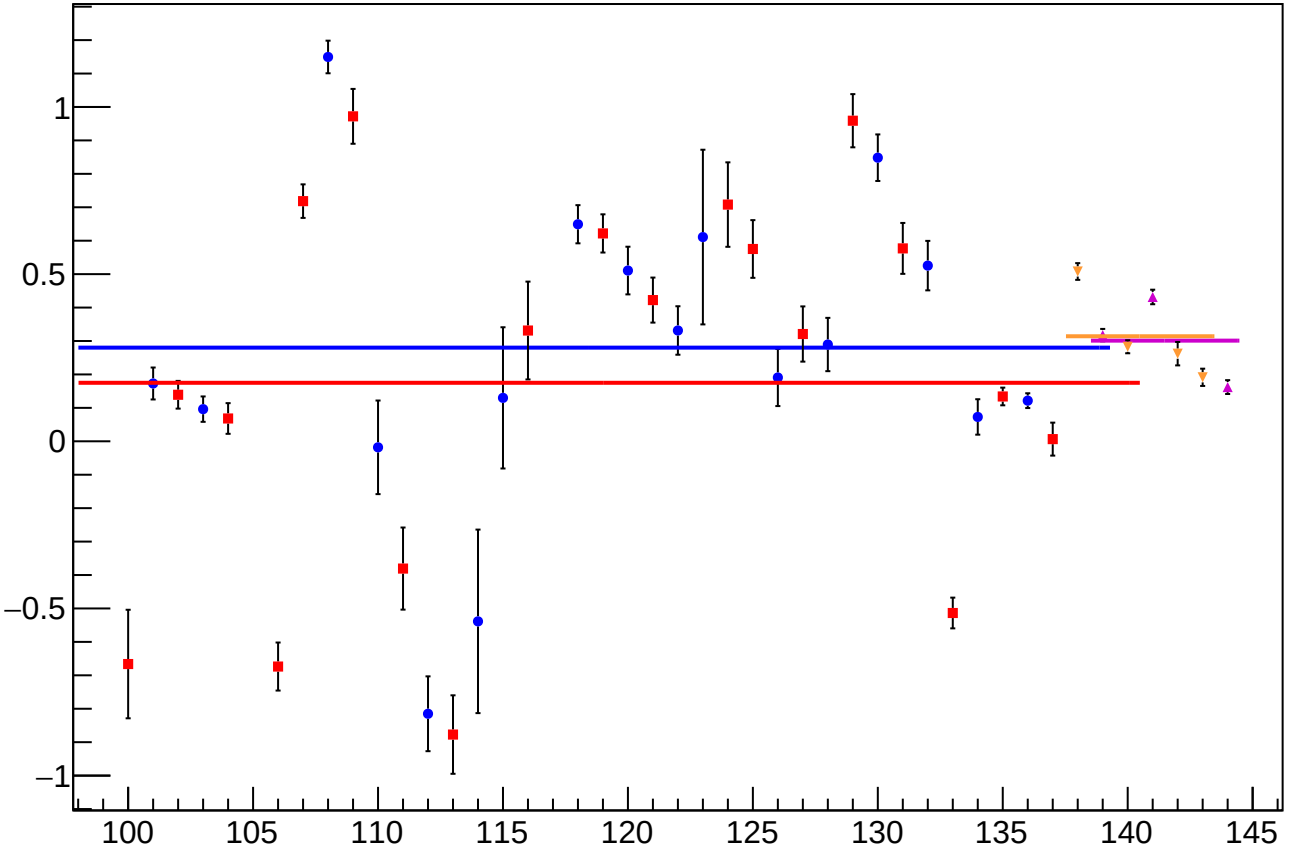
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -88.043+/-0.183 χ^2/NDF:12061.6/19

Out: -92.001+/-0.180 χ^2/NDF:10783.6/22

All: -90.058+/-0.128 χ^2/NDF: 23082.6/42

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: 0.314+/-0.012 χ^2/NDF:87.4/3

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.301+/-0.012 χ^2/NDF:81.9/2

Left: 0.307+/-0.008 χ^2/NDF: 169.8/6

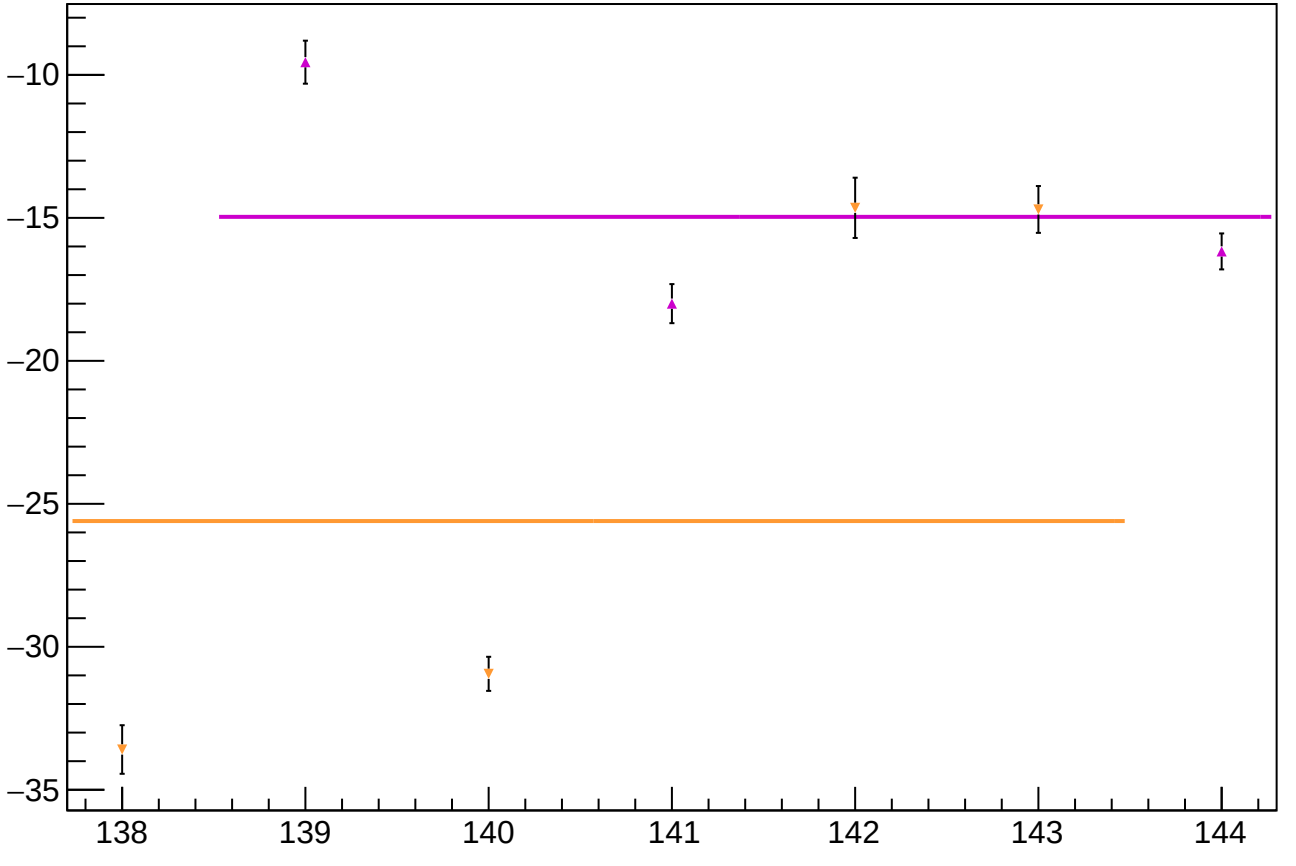
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.292+/-0.009 χ^2/NDF:739.2/19

Out: 0.250+/-0.009 χ^2/NDF:1112.2/22

All: 0.272+/-0.006 χ^2/NDF: 1862.2/42

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: -25.602+/-0.389 χ^2/NDF:453.9/3

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

Left In: -14.964+/-0.394 χ^2/NDF:75.2/2

Left: -20.346+/-0.277 χ^2/NDF: 897.8/6

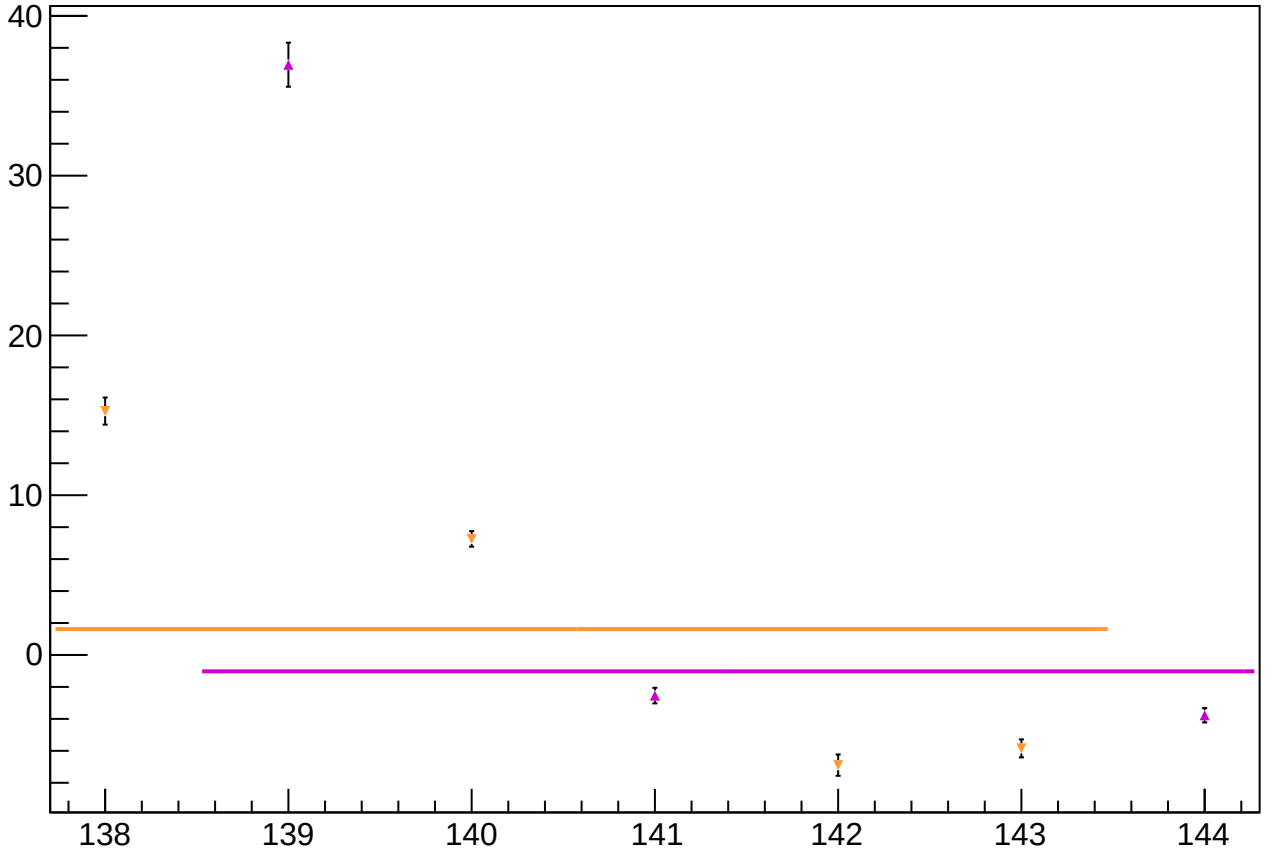
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.964+/-0.394 χ^2/NDF:75.2/2

Out: -25.602+/-0.389 χ^2/NDF:453.9/3

All: -20.346+/-0.277 χ^2/NDF: 897.8/6

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: 1.620+/-0.302 χ^2/NDF:731.4/3

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

Left In: -1.025+/-0.321 χ^2/NDF:805.1/2

Left: 0.381+/-0.220 χ^2/NDF: 1572.5/6

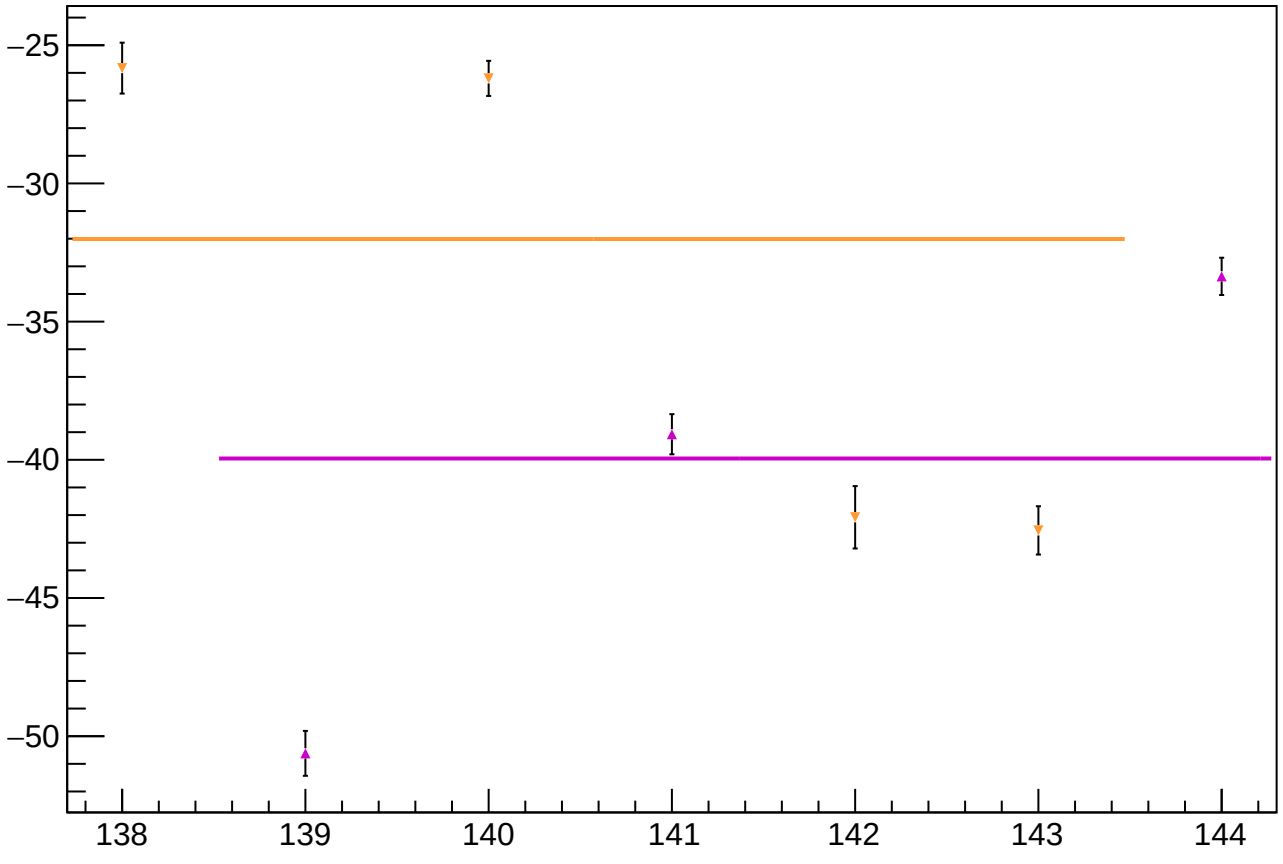
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.025+/-0.321 χ^2/NDF:805.1/2

Out: 1.620+/-0.302 χ^2/NDF:731.4/3

All: 0.381+/-0.220 χ^2/NDF: 1572.5/6

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: -32.012+/-0.417 χ^2/NDF:354.0/3

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

Left In: -39.953+/-0.422 χ^2/NDF:269.6/2

Left: -35.933+/-0.297 χ^2/NDF: 802.8/6

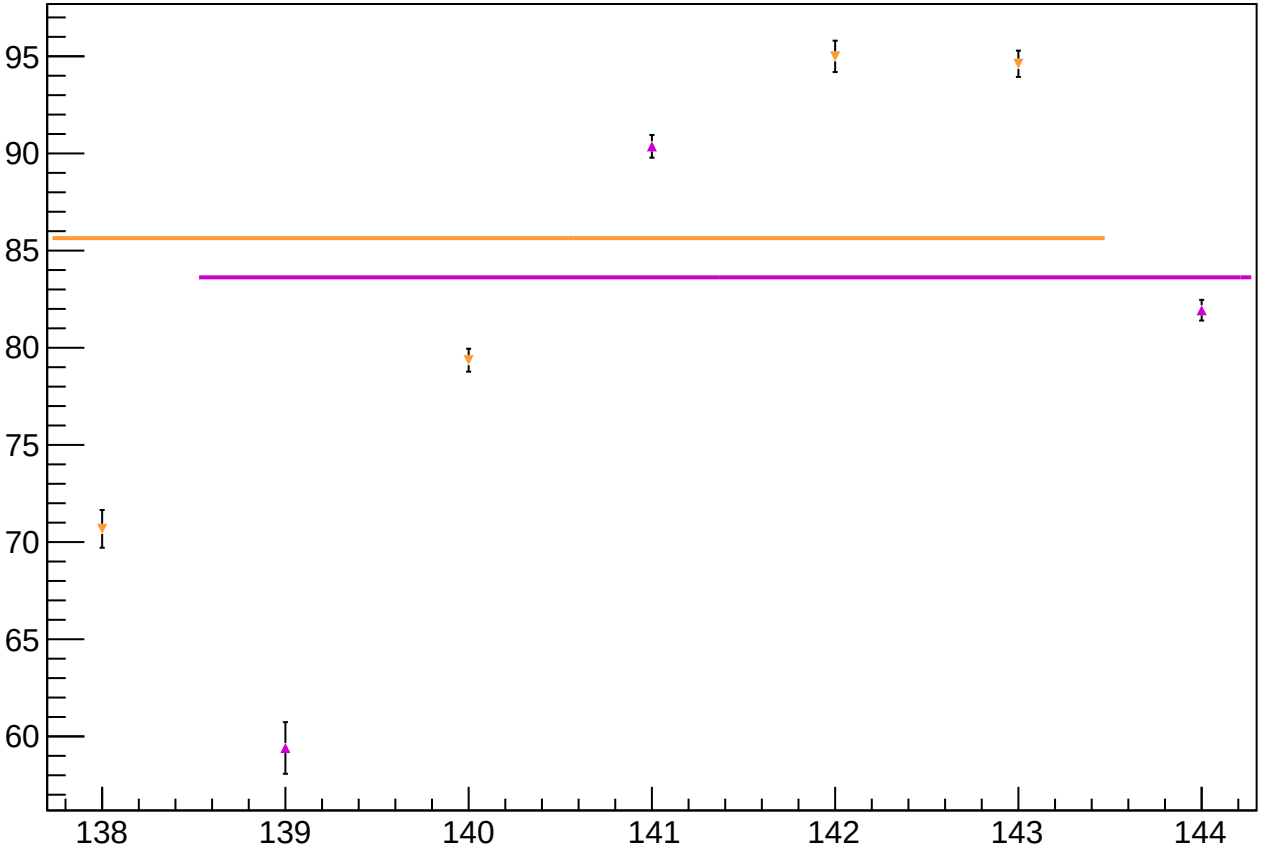
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.953+/-0.422 χ^2/NDF:269.6/2

Out: -32.012+/-0.417 χ^2/NDF:354.0/3

All: -35.933+/-0.297 χ^2/NDF: 802.8/6

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 85.642+/-0.361 χ^2/NDF:660.9/3

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

Left In: 83.624+/-0.378 χ^2/NDF:474.4/2

Left: 84.678+/-0.261 χ^2/NDF: 1150.2/6

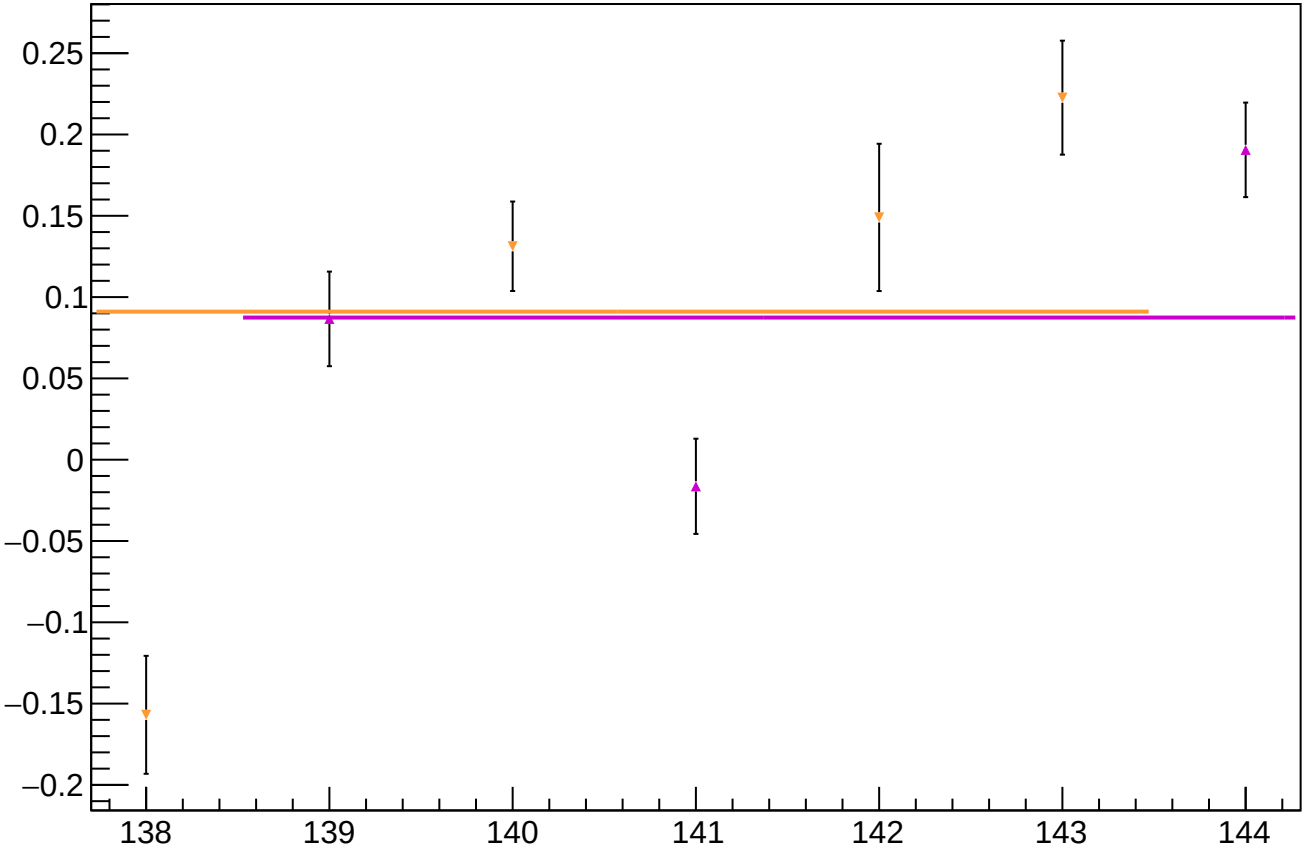
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.624+/-0.378 χ^2/NDF:474.4/2

Out: 85.642+/-0.361 χ^2/NDF:660.9/3

All: 84.678+/-0.261 χ^2/NDF: 1150.2/6

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: 0.091+/-0.017 χ^2/NDF:64.6/3

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

Left In: 0.087+/-0.017 χ^2/NDF:25.2/2

Left: 0.089+/-0.012 χ^2/NDF: 89.8/6

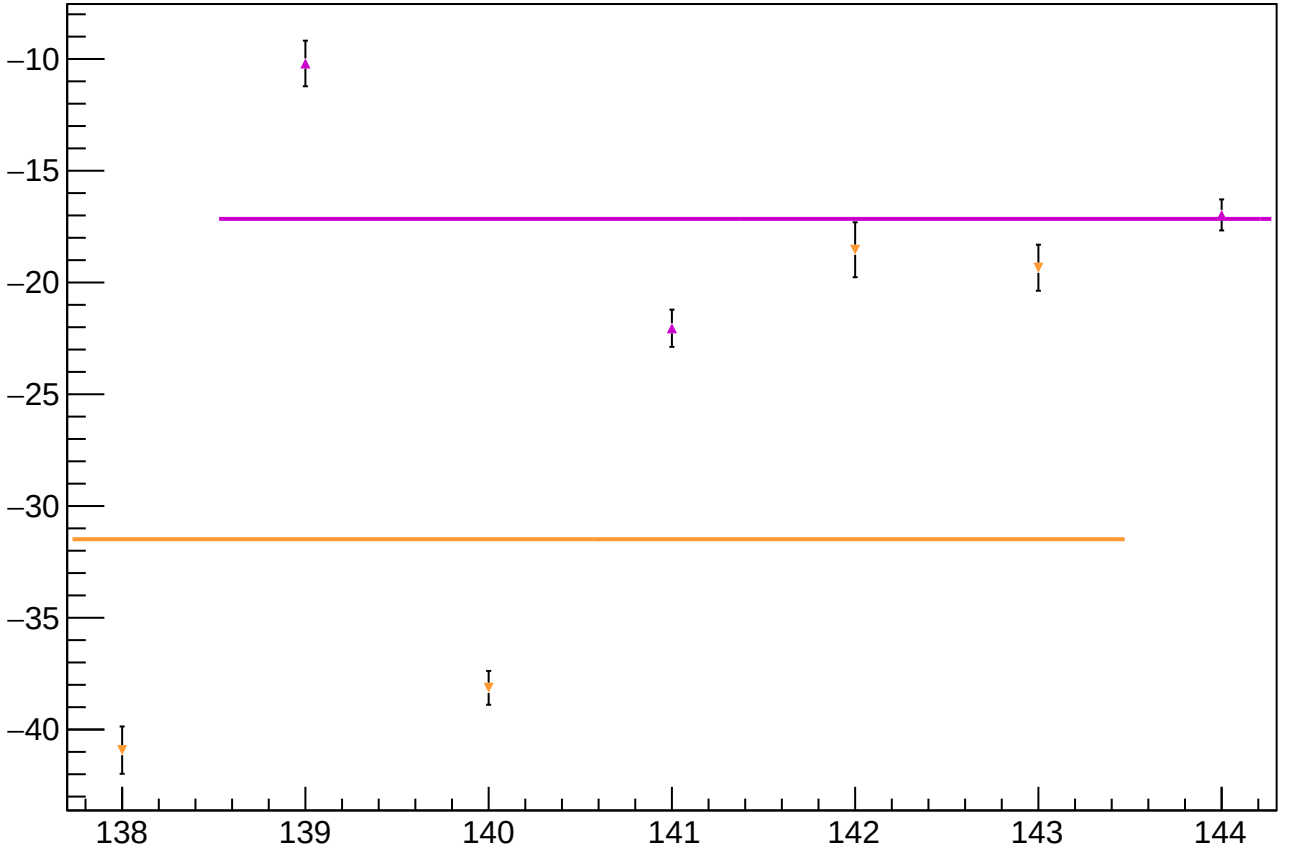
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.087+/-0.017 χ^2/NDF:25.2/2

Out: 0.091+/-0.017 χ^2/NDF:64.6/3

All: 0.089+/-0.012 χ^2/NDF: 89.8/6

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: -31.486+/-0.485 χ^2/NDF:406.8/3

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

Left In: -17.154+/-0.473 χ^2/NDF:81.0/2

Left: -24.127+/-0.339 χ^2/NDF: 935.3/6

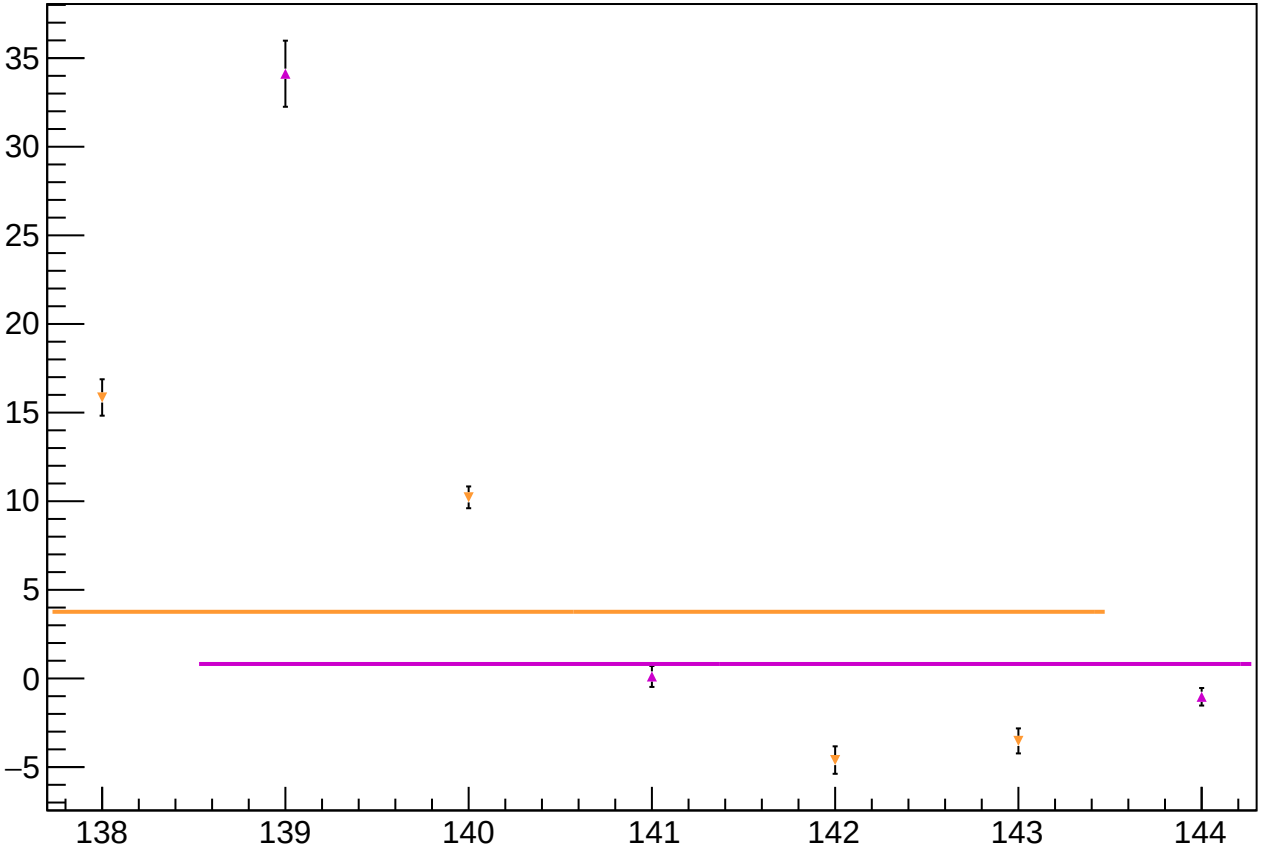
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.154+/-0.473 χ^2/NDF:81.0/2

Out: -31.486+/-0.485 χ^2/NDF:406.8/3

All: -24.127+/-0.339 χ^2/NDF: 935.3/6

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: 3.762+/-0.371 χ^2/NDF:472.2/3

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

Left In: 0.817+/-0.372 χ^2/NDF:334.3/2

Left: 2.293+/-0.263 χ^2/NDF: 837.9/6

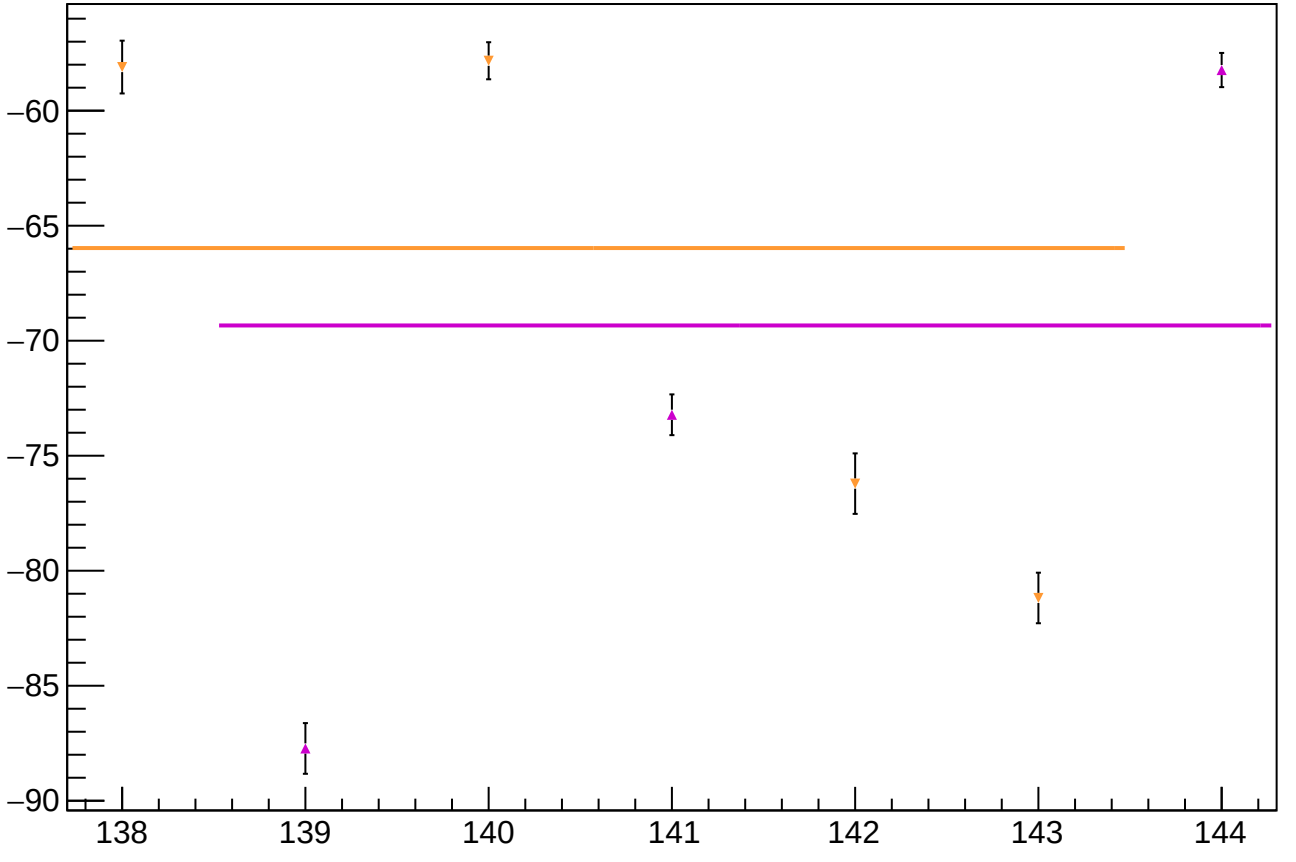
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.817+/-0.372 χ^2/NDF:334.3/2

Out: 3.762+/-0.371 χ^2/NDF:472.2/3

All: 2.293+/-0.263 χ^2/NDF: 837.9/6

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: -65.972+/-0.520 χ^2/NDF:401.3/3

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

Left In: -69.337+/-0.506 χ^2/NDF:520.7/2

Left: -67.699+/-0.362 χ^2/NDF: 943.5/6

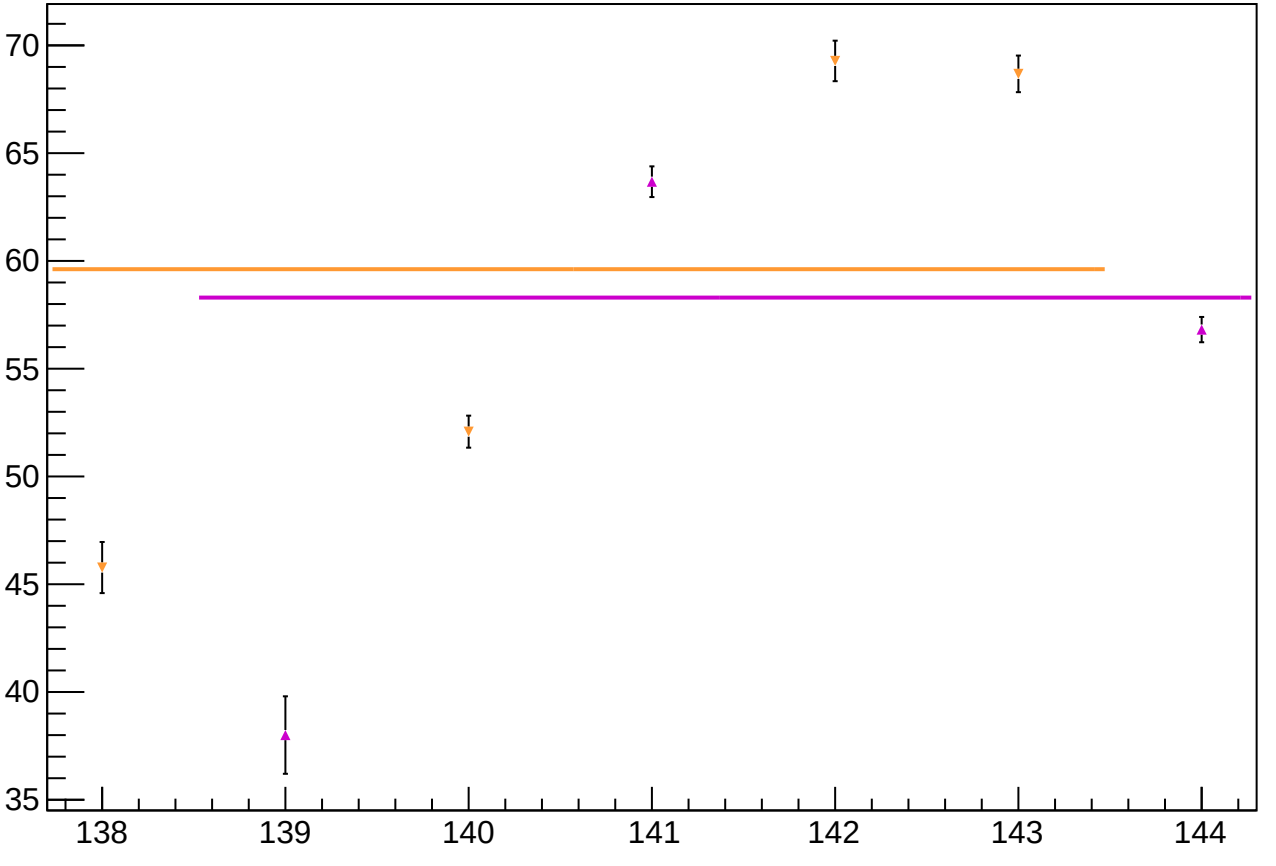
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -69.337+/-0.506 χ^2/NDF:520.7/2

Out: -65.972+/-0.520 χ^2/NDF:401.3/3

All: -67.699+/-0.362 χ^2/NDF: 943.5/6

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: 59.616+/-0.445 χ^2/NDF:458.8/3

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

Left In: 58.299+/-0.439 χ^2/NDF:190.9/2

Left: 58.948+/-0.313 χ^2/NDF: 654.1/6

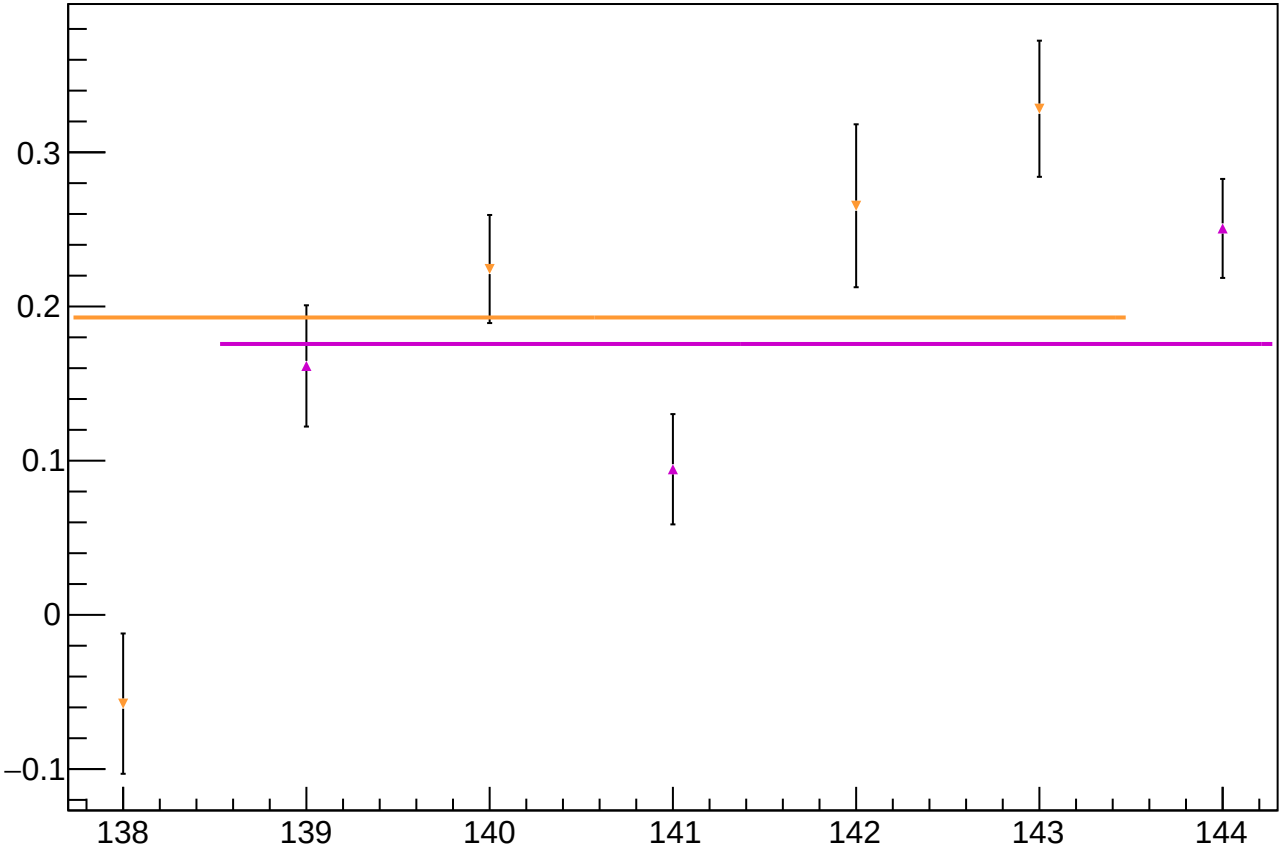
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.299+/-0.439 χ^2/NDF:190.9/2

Out: 59.616+/-0.445 χ^2/NDF:458.8/3

All: 58.948+/-0.313 χ^2/NDF: 654.1/6

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: 0.193+/-0.021 χ^2/NDF:42.4/3

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

Left In: 0.176+/-0.020 χ^2/NDF:10.7/2

Left: 0.184+/-0.015 χ^2/NDF: 53.5/6

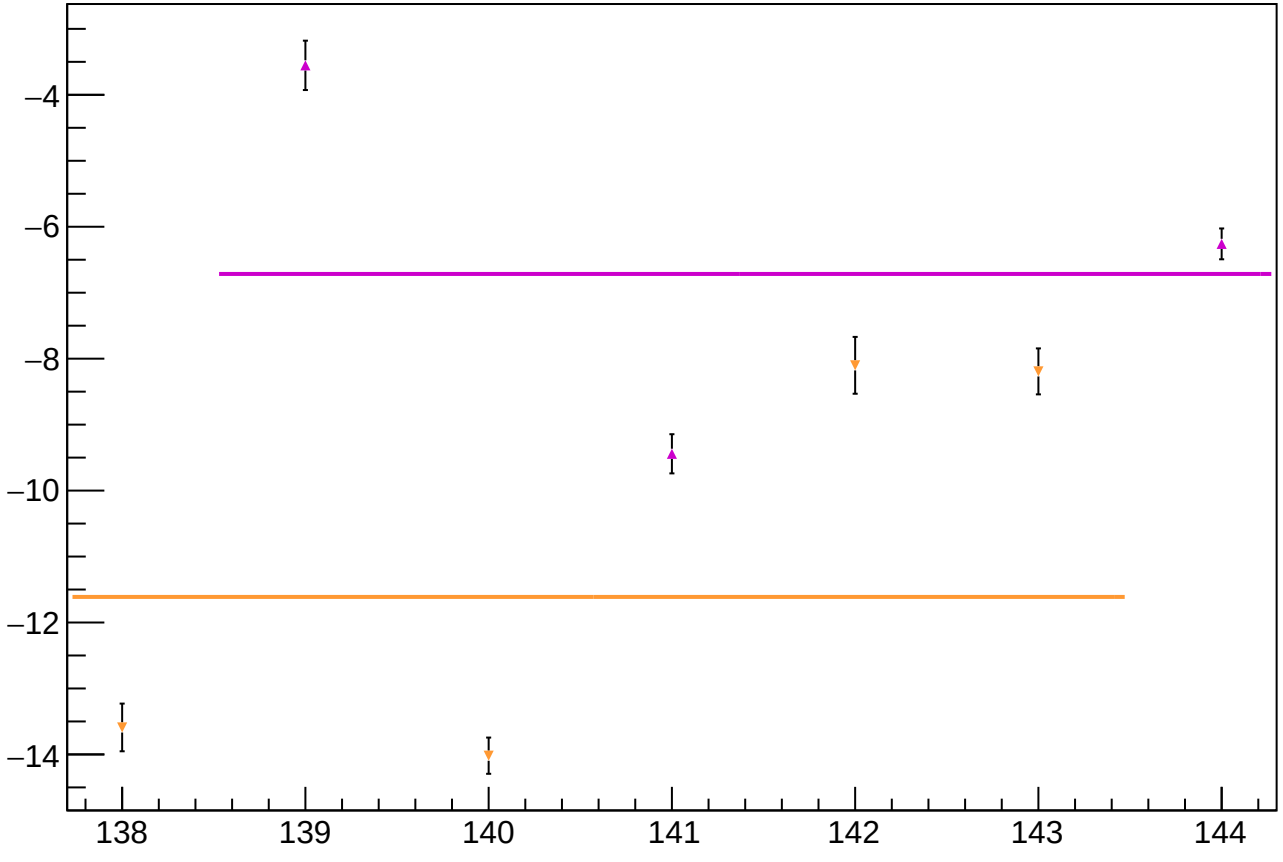
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.176+/-0.020 χ^2/NDF:10.7/2

Out: 0.193+/-0.021 χ^2/NDF:42.4/3

All: 0.184+/-0.015 χ^2/NDF: 53.5/6

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: -11.612+/-0.170 χ^2/NDF:269.5/3

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

Left In: -6.716+/-0.165 χ^2/NDF:159.6/2

Left: -9.087+/-0.118 χ^2/NDF: 856.2/6

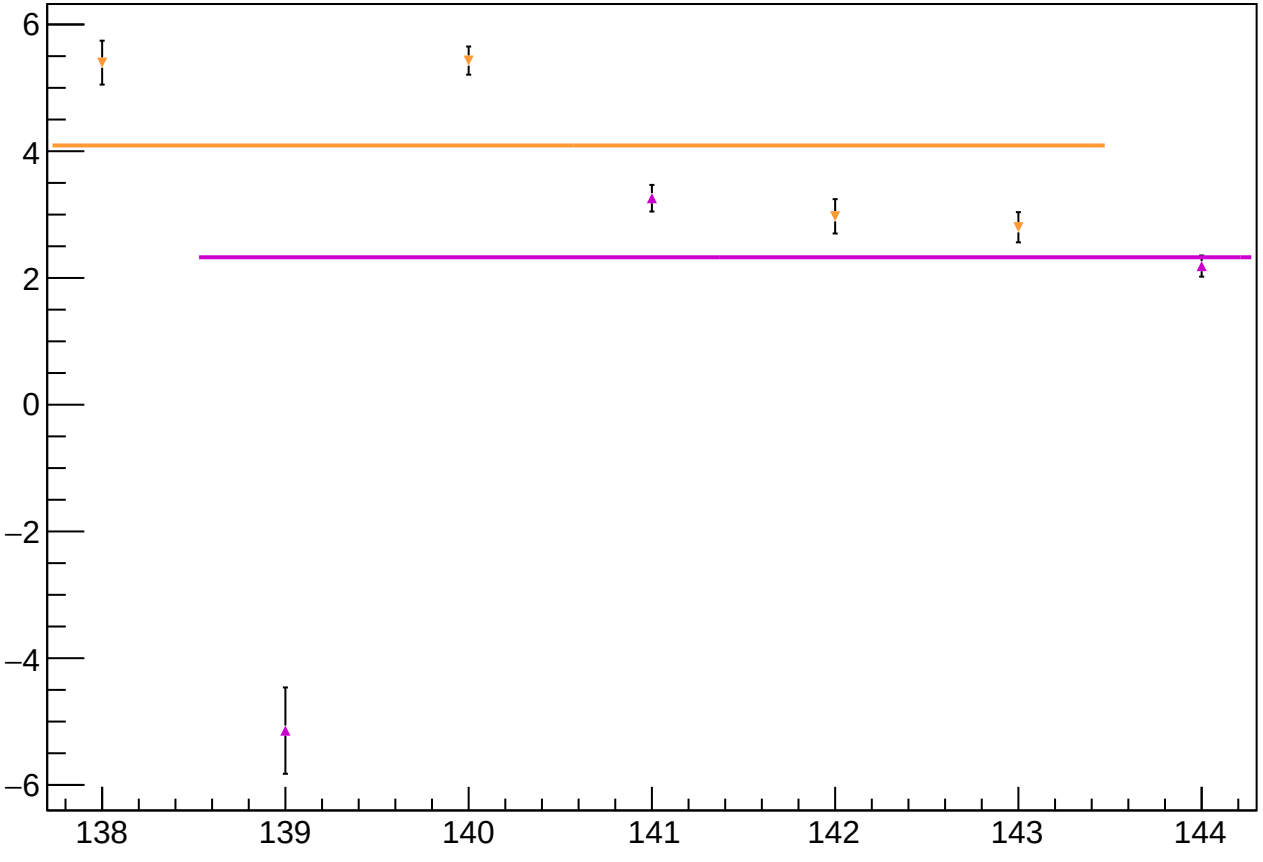
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.716+/-0.165 χ^2/NDF:159.6/2

Out: -11.612+/-0.170 χ^2/NDF:269.5/3

All: -9.087+/-0.118 χ^2/NDF: 856.2/6

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: 4.091+/-0.129 χ^2/NDF:96.9/3

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

Left In: 2.327+/-0.128 χ^2/NDF:140.6/2

Left: 3.201+/-0.091 χ^2/NDF: 331.3/6

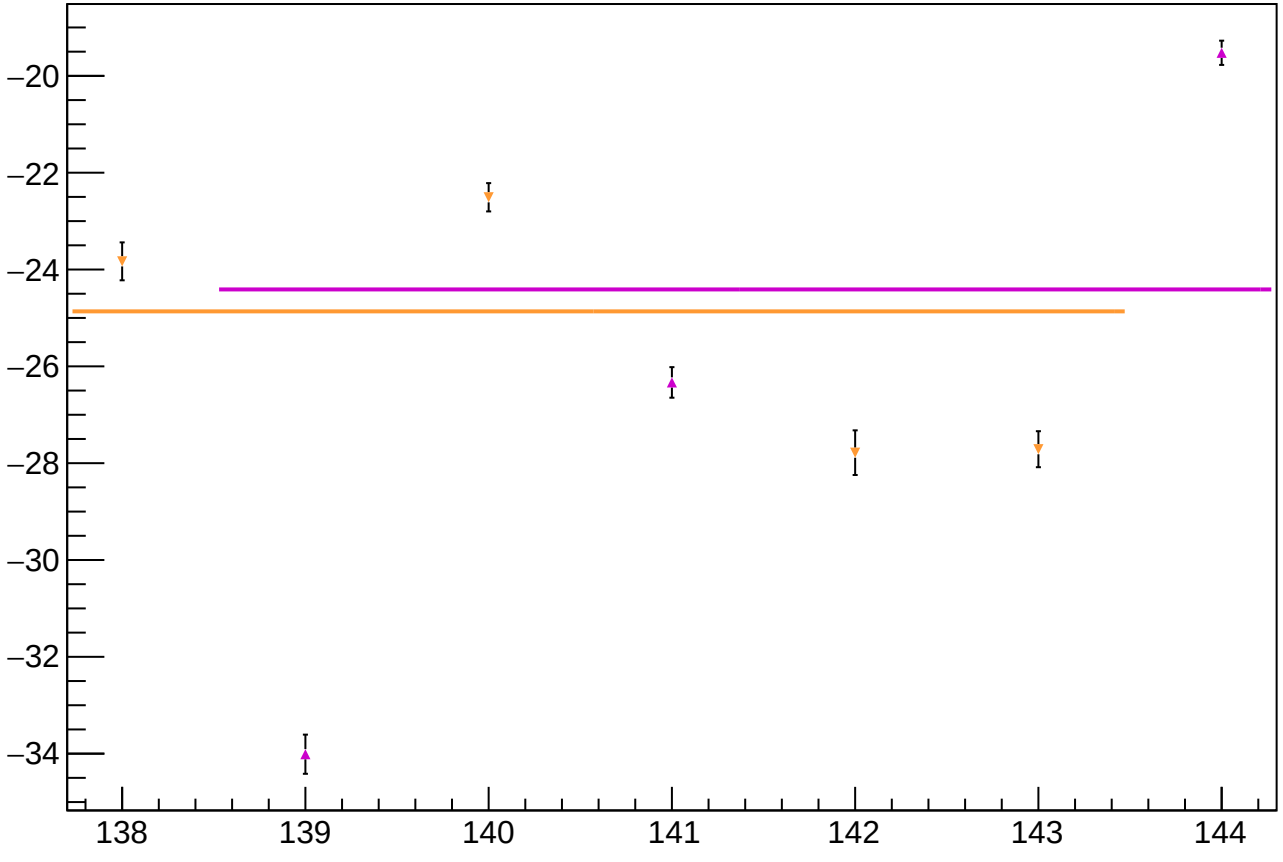
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.327+/-0.128 χ^2/NDF:140.6/2

Out: 4.091+/-0.129 χ^2/NDF:96.9/3

All: 3.201+/-0.091 χ^2/NDF: 331.3/6

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -24.864+/-0.182 χ^2/NDF:170.6/3

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

Left In: -24.411+/-0.177 χ^2/NDF:981.0/2

Left: -24.631+/-0.127 χ^2/NDF: 1154.8/6

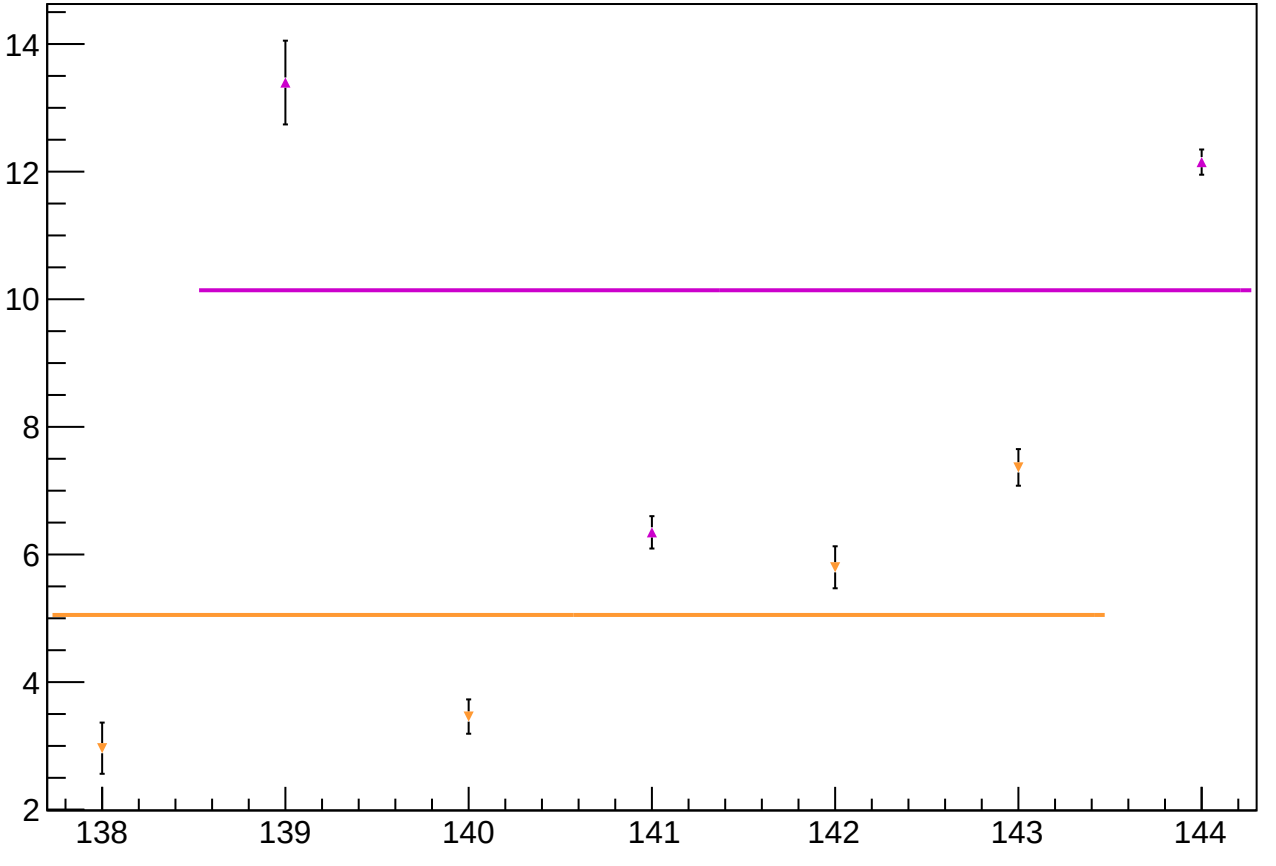
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.411+/-0.177 χ^2/NDF:981.0/2

Out: -24.864+/-0.182 χ^2/NDF:170.6/3

All: -24.631+/-0.127 χ^2/NDF: 1154.8/6

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: 5.053+/-0.155 χ^2/NDF:132.2/3

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

Left In: 10.141+/-0.152 χ^2/NDF:351.6/2

Left: 7.659+/-0.109 χ^2/NDF: 1032.8/6

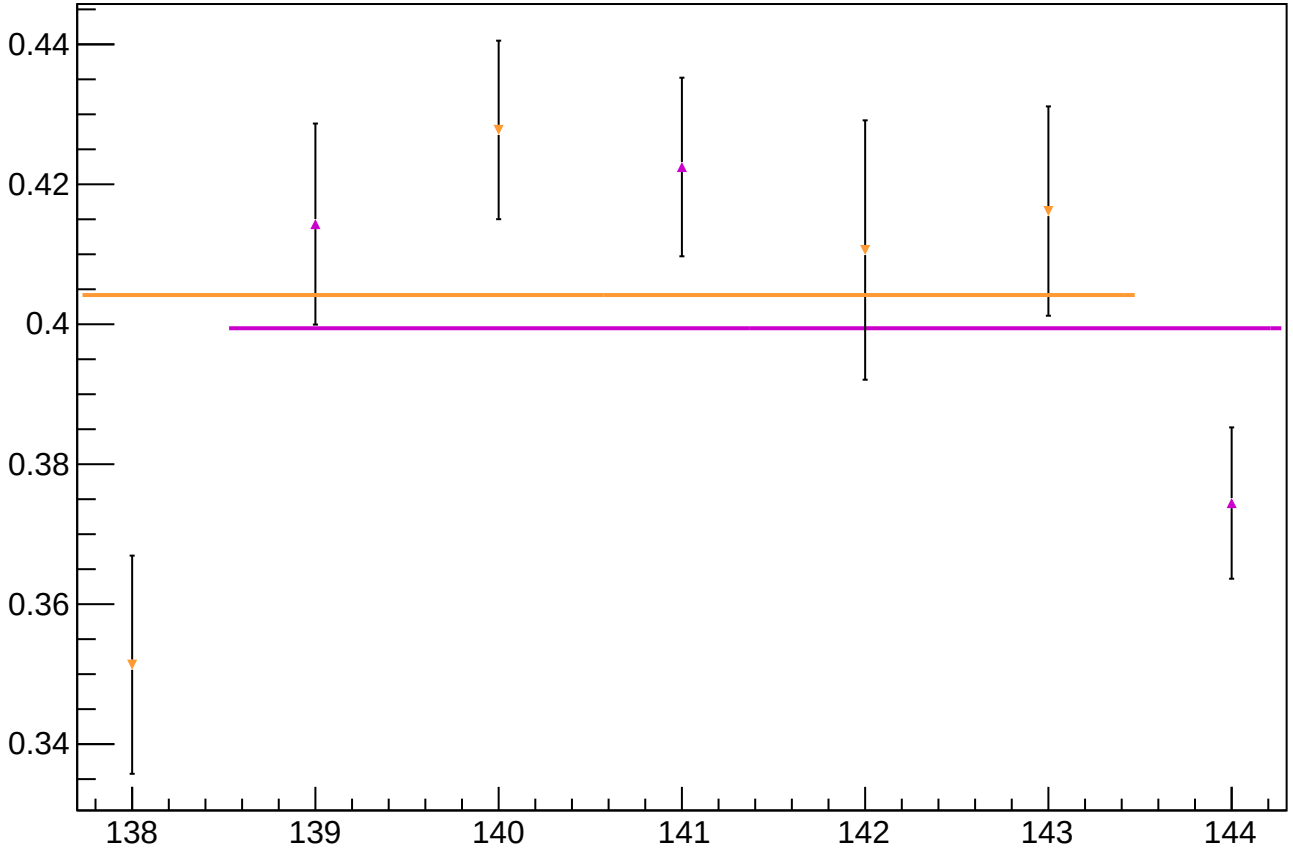
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.141+/-0.152 χ^2/NDF:351.6/2

Out: 5.053+/-0.155 χ^2/NDF:132.2/3

All: 7.659+/-0.109 χ^2/NDF: 1032.8/6

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: 0.404+/-0.008 χ^2/NDF:15.7/3

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

Left In: 0.399+/-0.007 χ^2/NDF:9.7/2

Left: 0.402+/-0.005 χ^2/NDF: 25.6/6

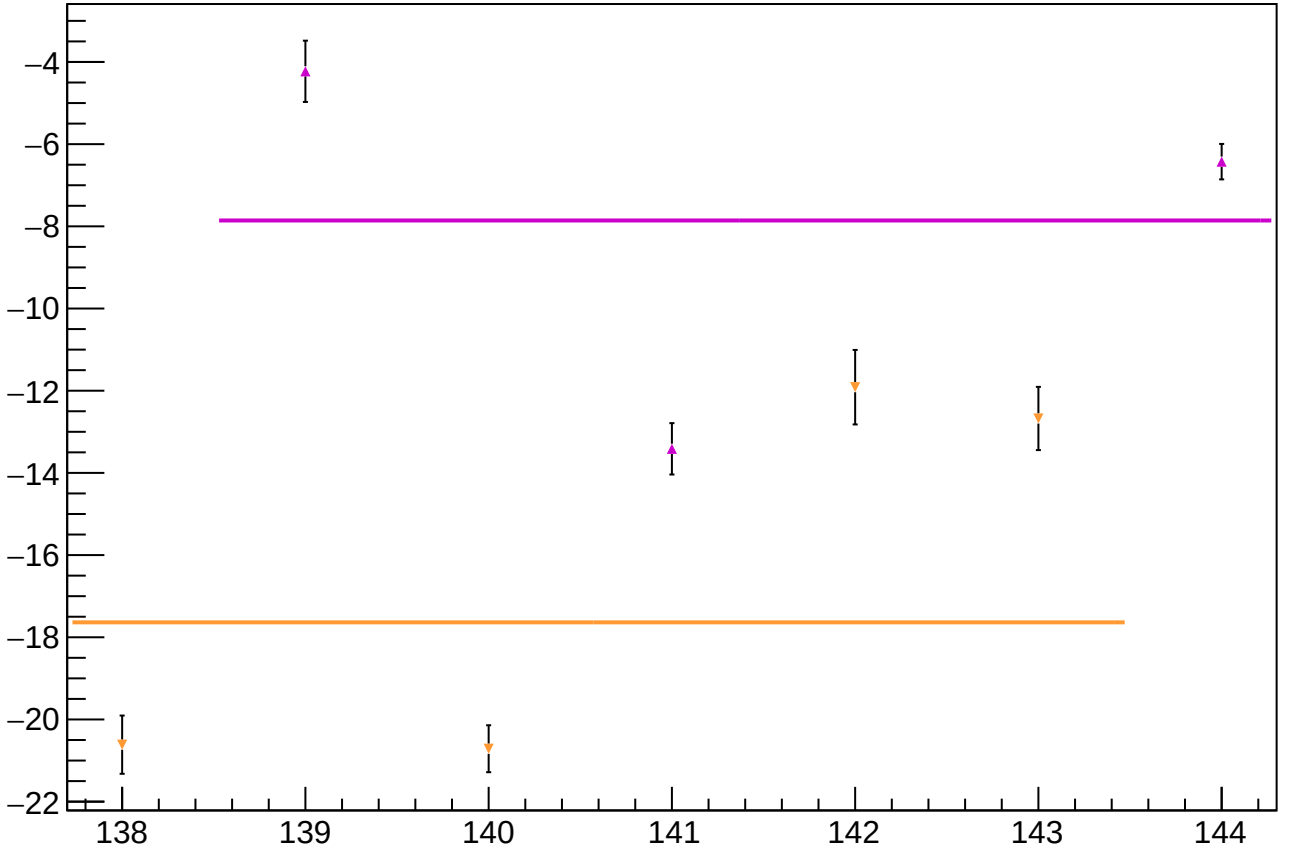
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.399+/-0.007 χ^2/NDF:9.7/2

Out: 0.404+/-0.008 χ^2/NDF:15.7/3

All: 0.402+/-0.005 χ^2/NDF: 25.6/6

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: -17.637+/-0.354 χ^2/NDF:128.0/3

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

Left In: -7.858+/-0.321 χ^2/NDF:113.7/2

Left: -12.258+/-0.238 χ^2/NDF: 660.5/6

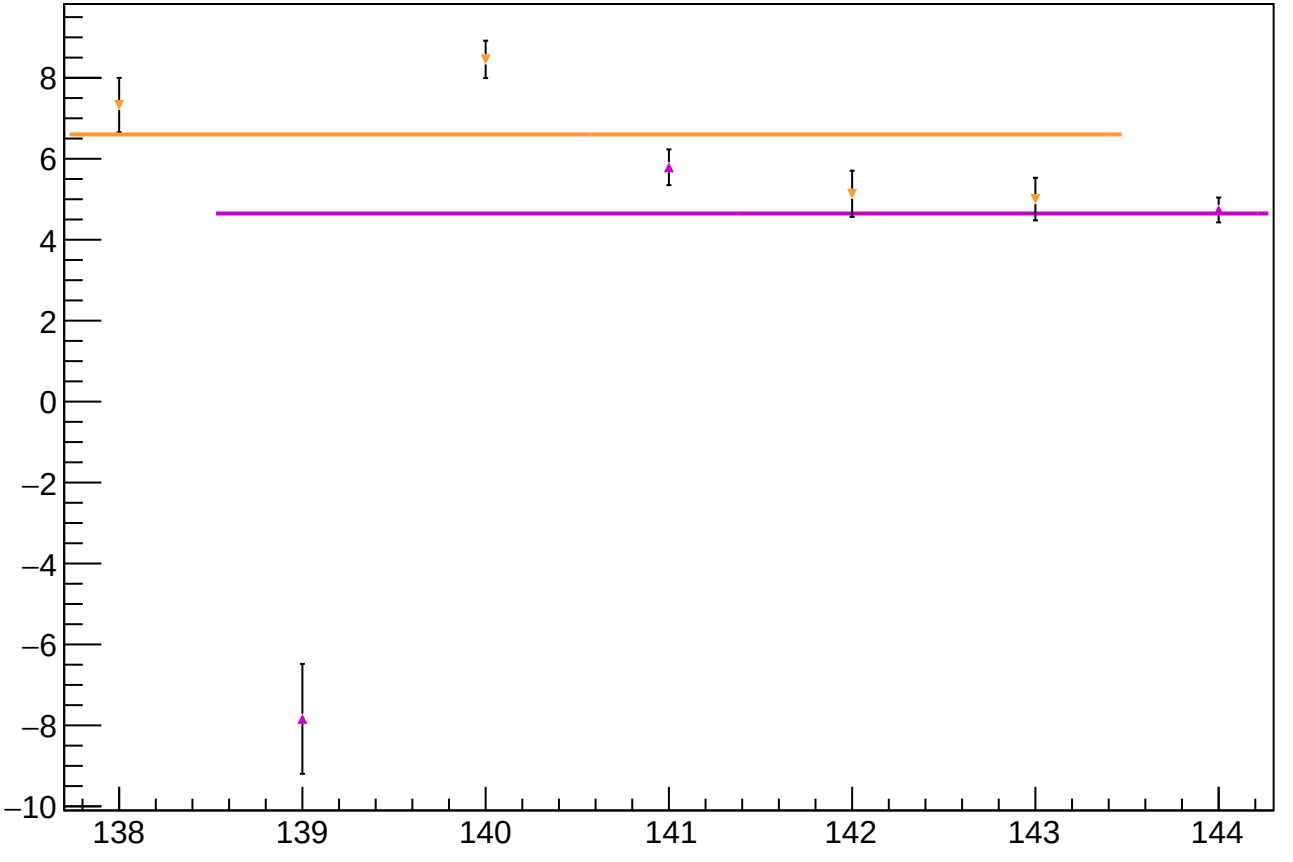
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.858+/-0.321 χ^2/NDF:113.7/2

Out: -17.637+/-0.354 χ^2/NDF:128.0/3

All: -12.258+/-0.238 χ^2/NDF: 660.5/6

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: 6.601+/-0.271 χ^2/NDF:33.1/3

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

Left In: 4.648+/-0.248 χ^2/NDF:91.2/2

Left: 5.537+/-0.183 χ^2/NDF: 152.5/6

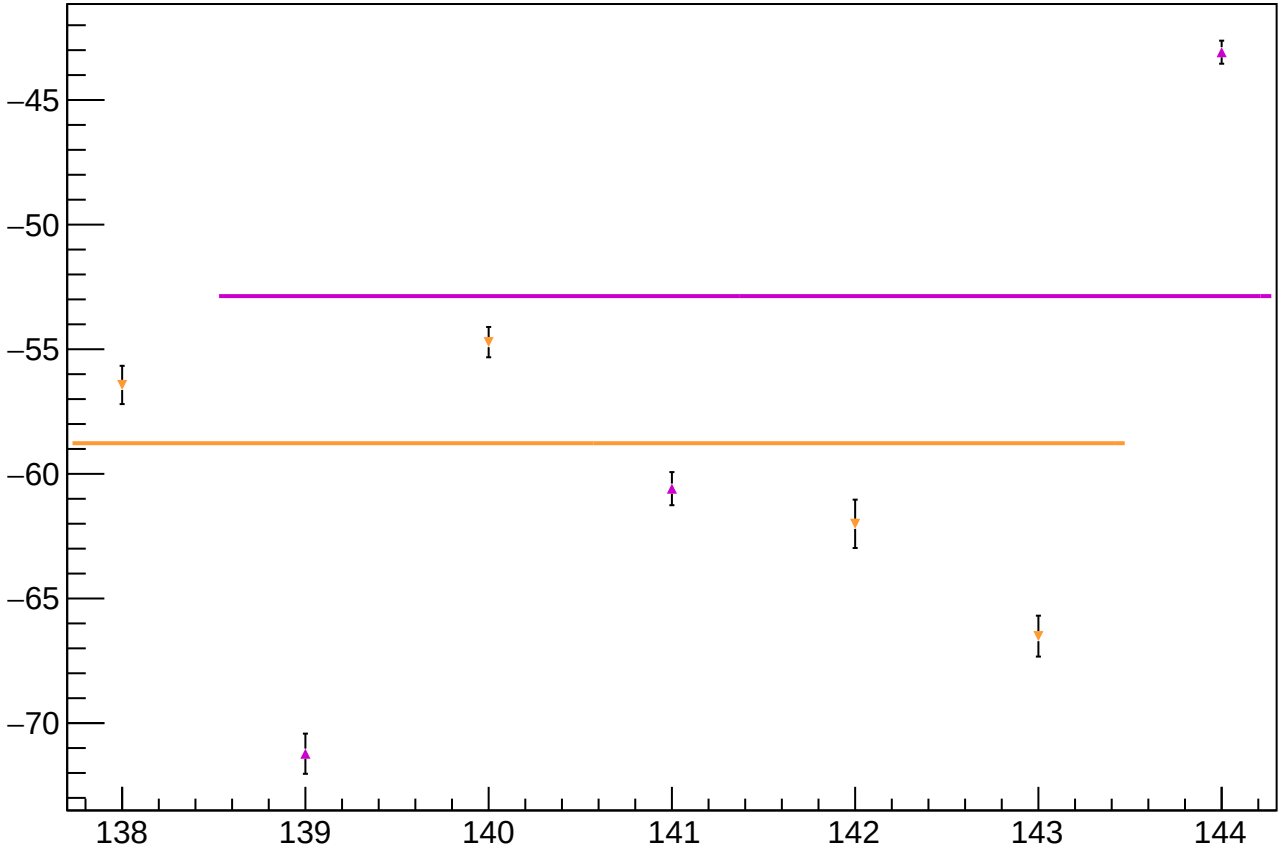
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.648+/-0.248 χ^2/NDF:91.2/2

Out: 6.601+/-0.271 χ^2/NDF:33.1/3

All: 5.537+/-0.183 χ^2/NDF: 152.5/6

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: -58.770+/-0.379 χ^2/NDF:153.8/3

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

Left In: -52.867+/-0.343 χ^2/NDF:1101.7/2

Left: -55.525+/-0.255 χ^2/NDF: 1388.4/6

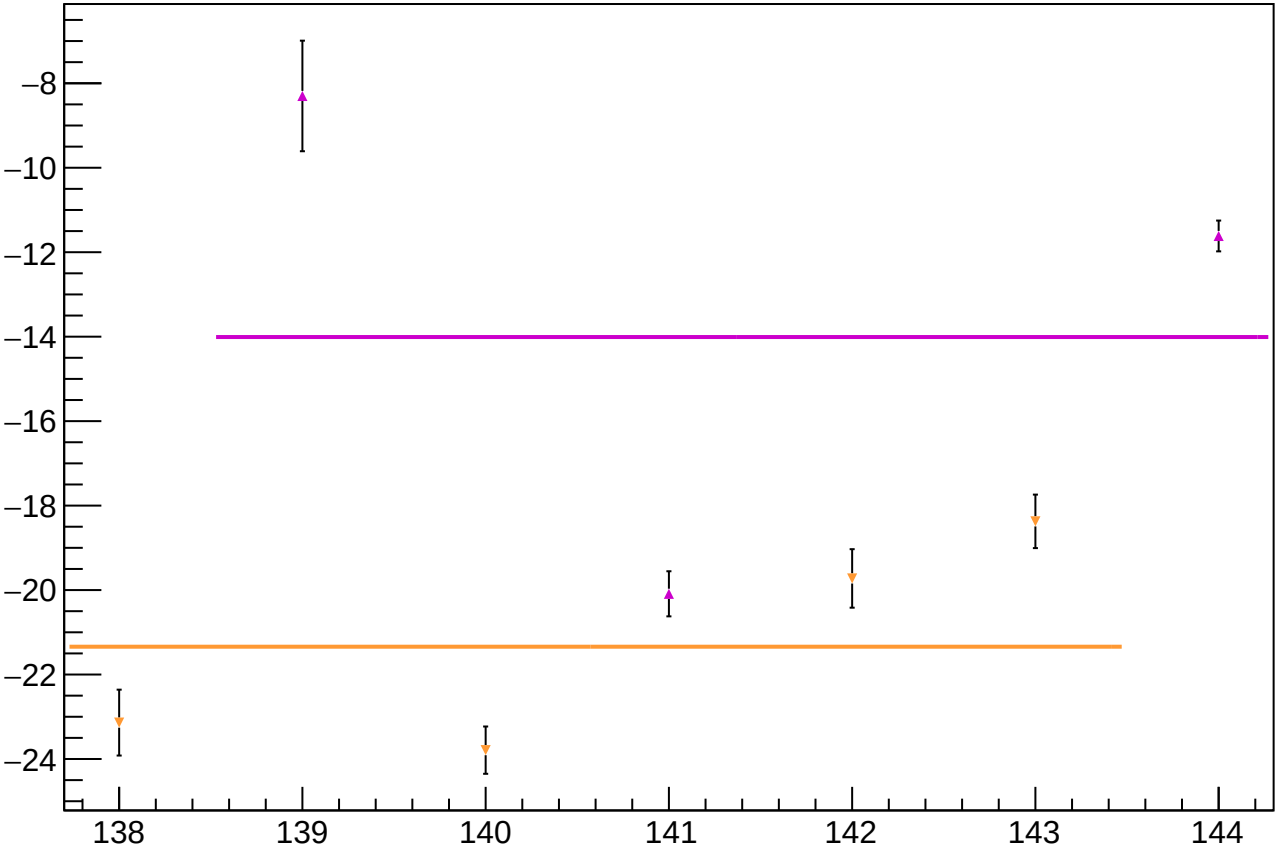
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -52.867+/-0.343 χ^2/NDF:1101.7/2

Out: -58.770+/-0.379 χ^2/NDF:153.8/3

All: -55.525+/-0.255 χ^2/NDF: 1388.4/6

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: -21.341+/-0.326 χ^2/NDF:51.8/3

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

Left In: -14.009+/-0.293 χ^2/NDF:191.8/2

Left: -17.291+/-0.218 χ^2/NDF: 523.0/6

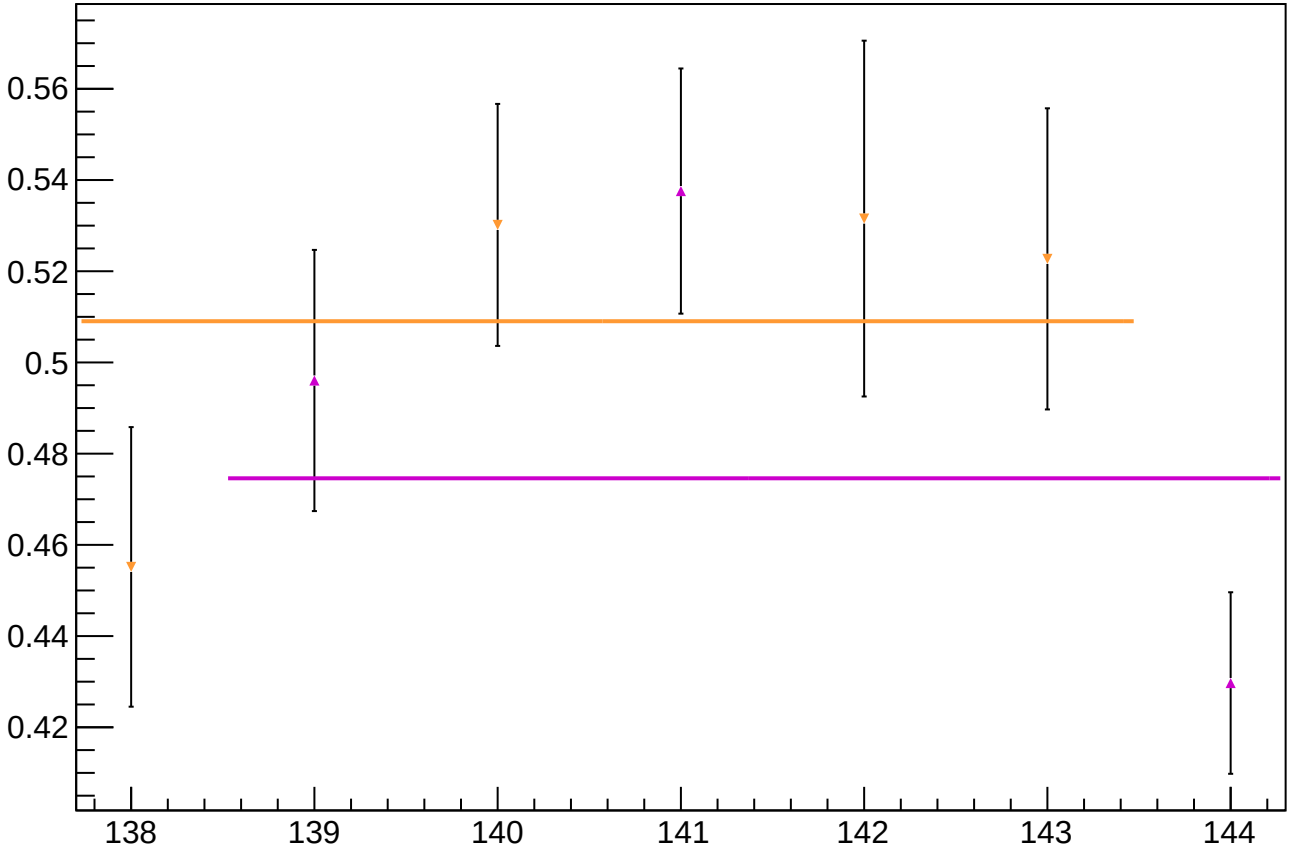
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.009+/-0.293 χ^2/NDF:191.8/2

Out: -21.341+/-0.326 χ^2/NDF:51.8/3

All: -17.291+/-0.218 χ^2/NDF: 523.0/6

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: 0.509+/-0.016 χ^2/NDF:4.2/3

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

Left In: 0.475+/-0.014 χ^2/NDF:11.1/2

Left: 0.490+/-0.010 χ^2/NDF: 18.1/6

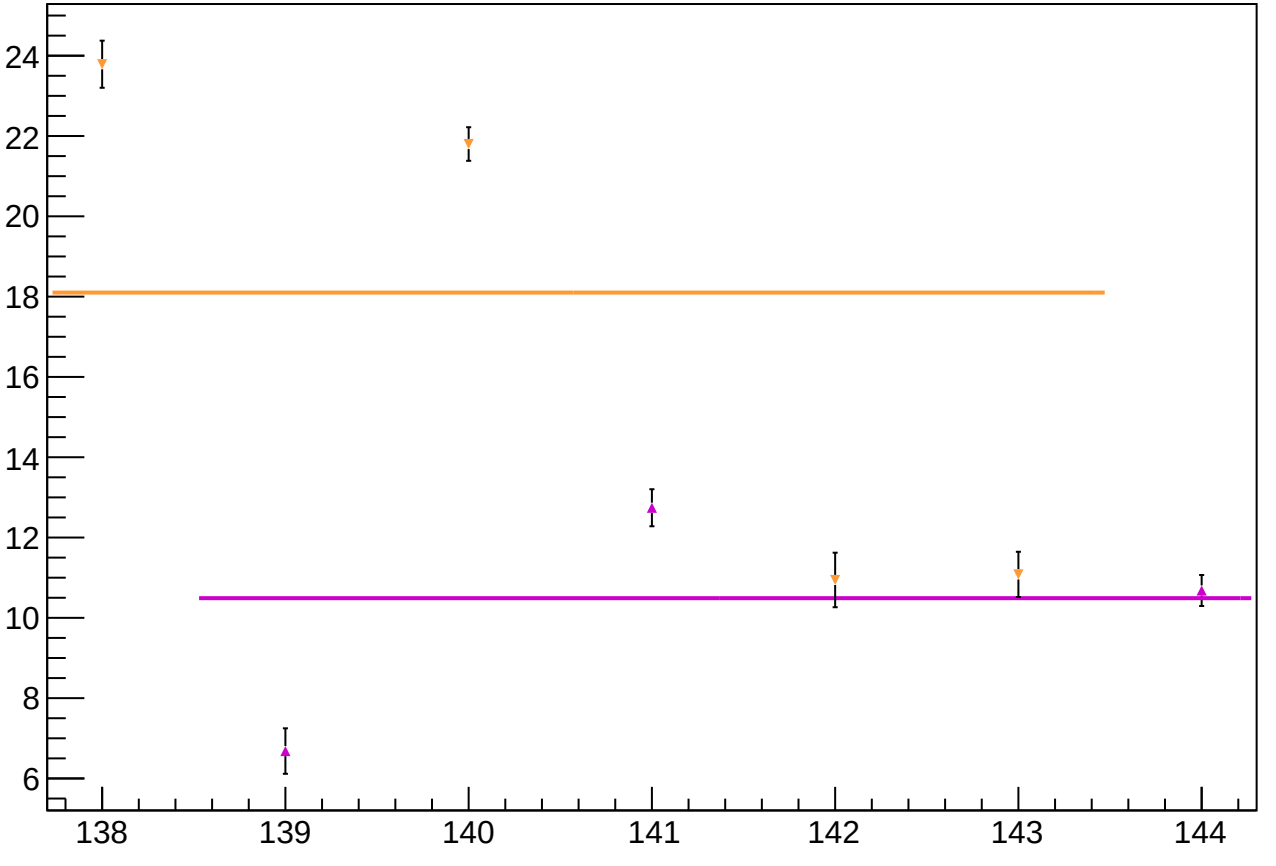
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.475+/-0.014 χ^2/NDF:11.1/2

Out: 0.509+/-0.016 χ^2/NDF:4.2/3

All: 0.490+/-0.010 χ^2/NDF: 18.1/6

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: 18.101+/-0.268 χ^2/NDF:438.7/3

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

Left In: 10.490+/-0.262 χ^2/NDF:69.3/2

Left: 14.218+/-0.187 χ^2/NDF: 920.1/6

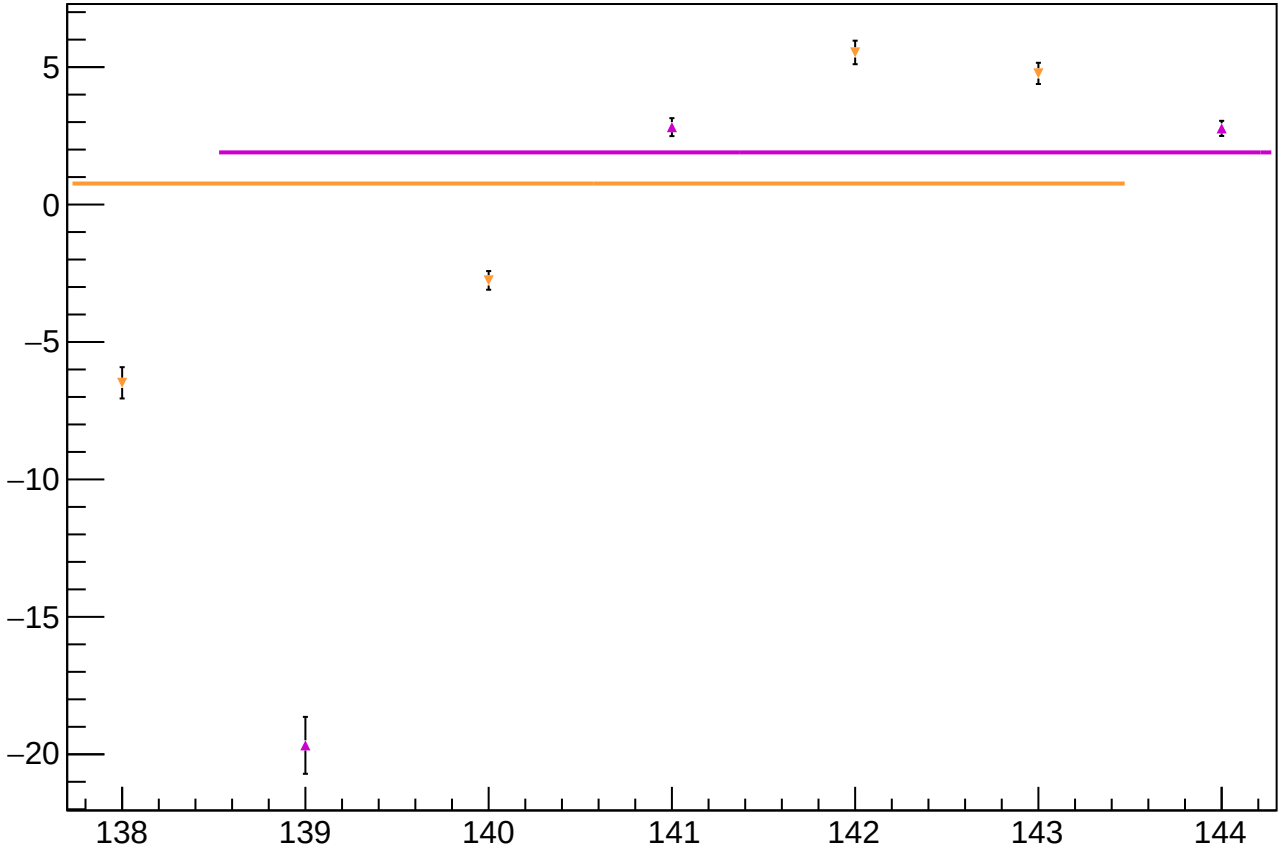
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.490+/-0.262 χ^2/NDF:69.3/2

Out: 18.101+/-0.268 χ^2/NDF:438.7/3

All: 14.218+/-0.187 χ^2/NDF: 920.1/6

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: 0.765+/-0.204 χ^2/NDF:501.9/3

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

Left In: 1.897+/-0.206 χ^2/NDF:452.1/2

Left: 1.326+/-0.145 χ^2/NDF: 969.3/6

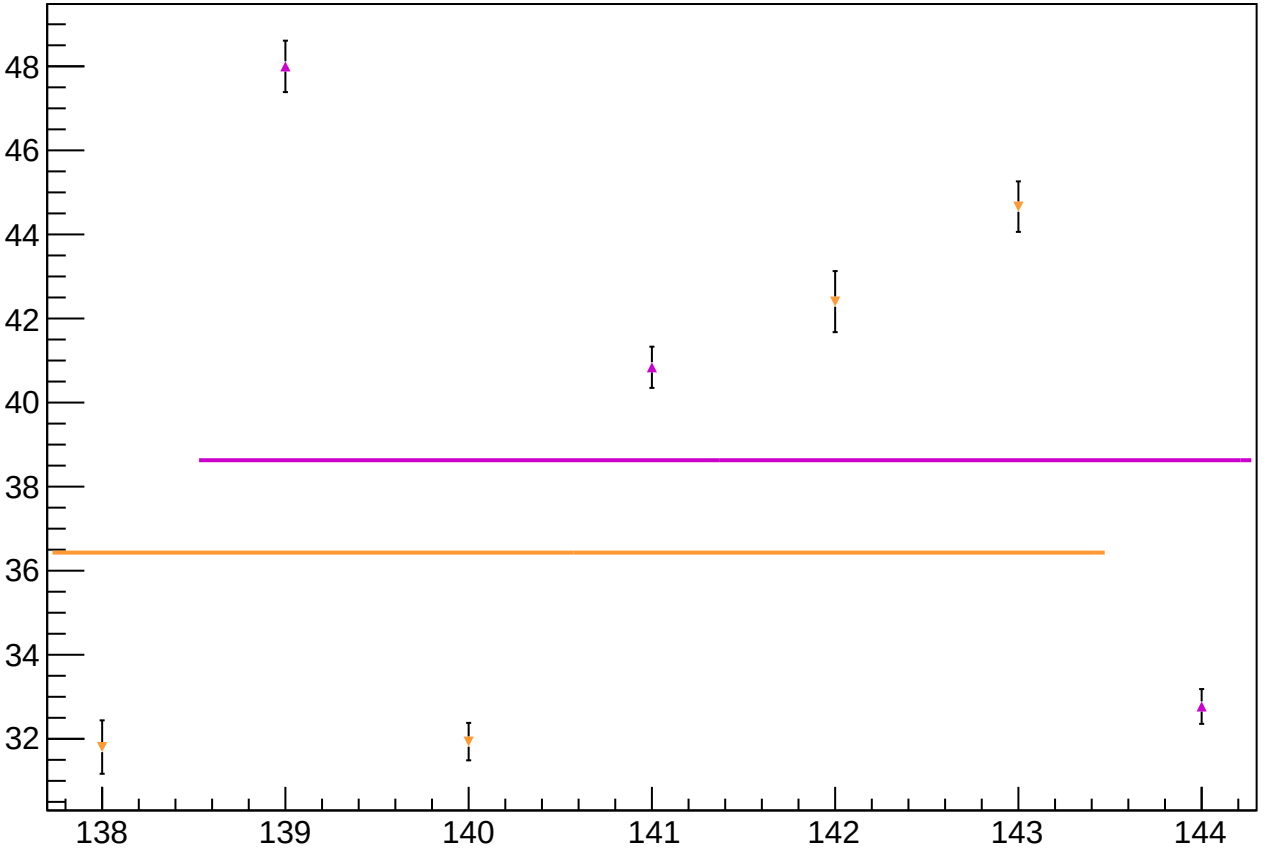
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.897+/-0.206 χ^2/NDF:452.1/2

Out: 0.765+/-0.204 χ^2/NDF:501.9/3

All: 1.326+/-0.145 χ^2/NDF: 969.3/6

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: 36.430+/-0.287 χ^2/NDF:410.1/3

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

Left In: 38.628+/-0.281 χ^2/NDF:455.2/2

Left: 37.551+/-0.201 χ^2/NDF: 895.3/6

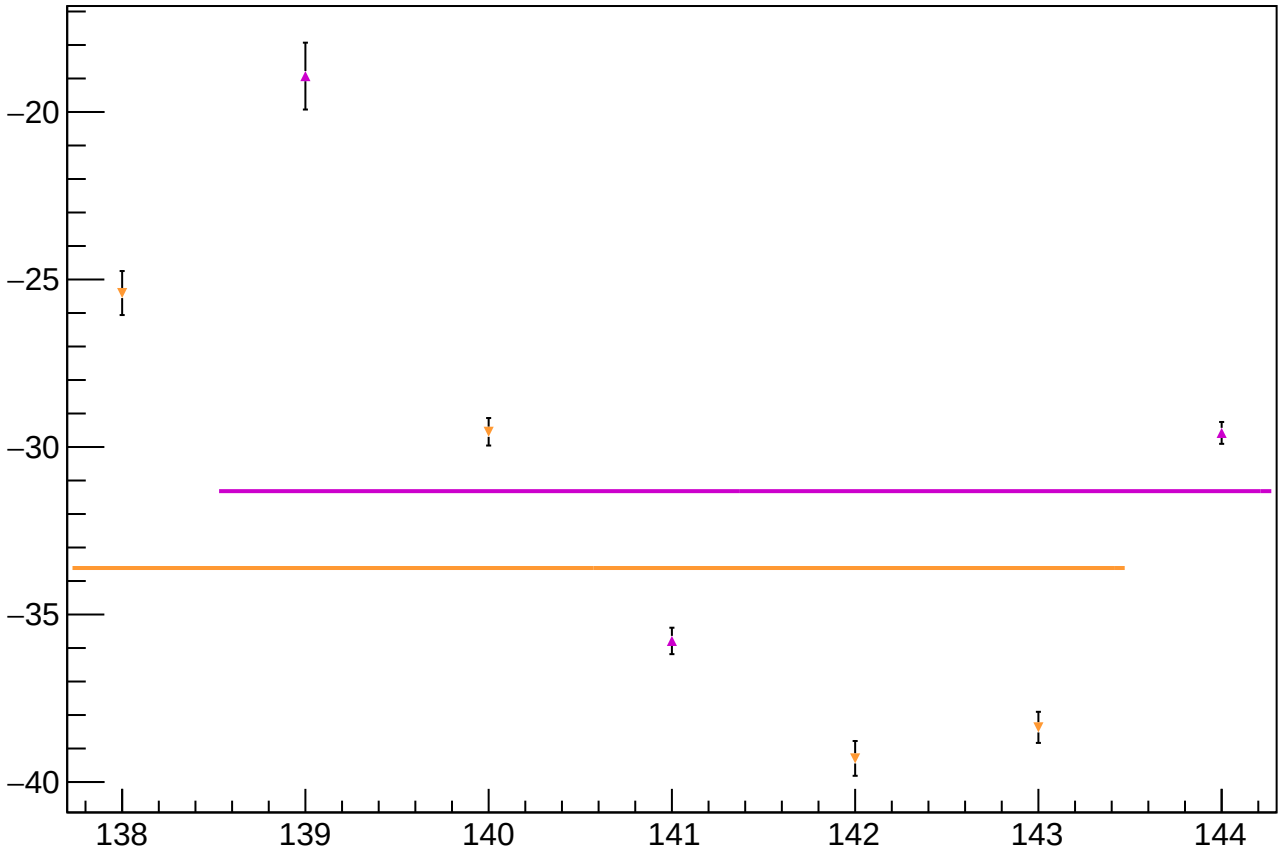
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 38.628+/-0.281 χ^2/NDF:455.2/2

Out: 36.430+/-0.287 χ^2/NDF:410.1/3

All: 37.551+/-0.201 χ^2/NDF: 895.3/6

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -33.612+/-0.245 χ^2/NDF:478.8/3

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

Left In: -31.317+/-0.244 χ^2/NDF:311.1/2

Left: -32.457+/-0.173 χ^2/NDF: 833.9/6

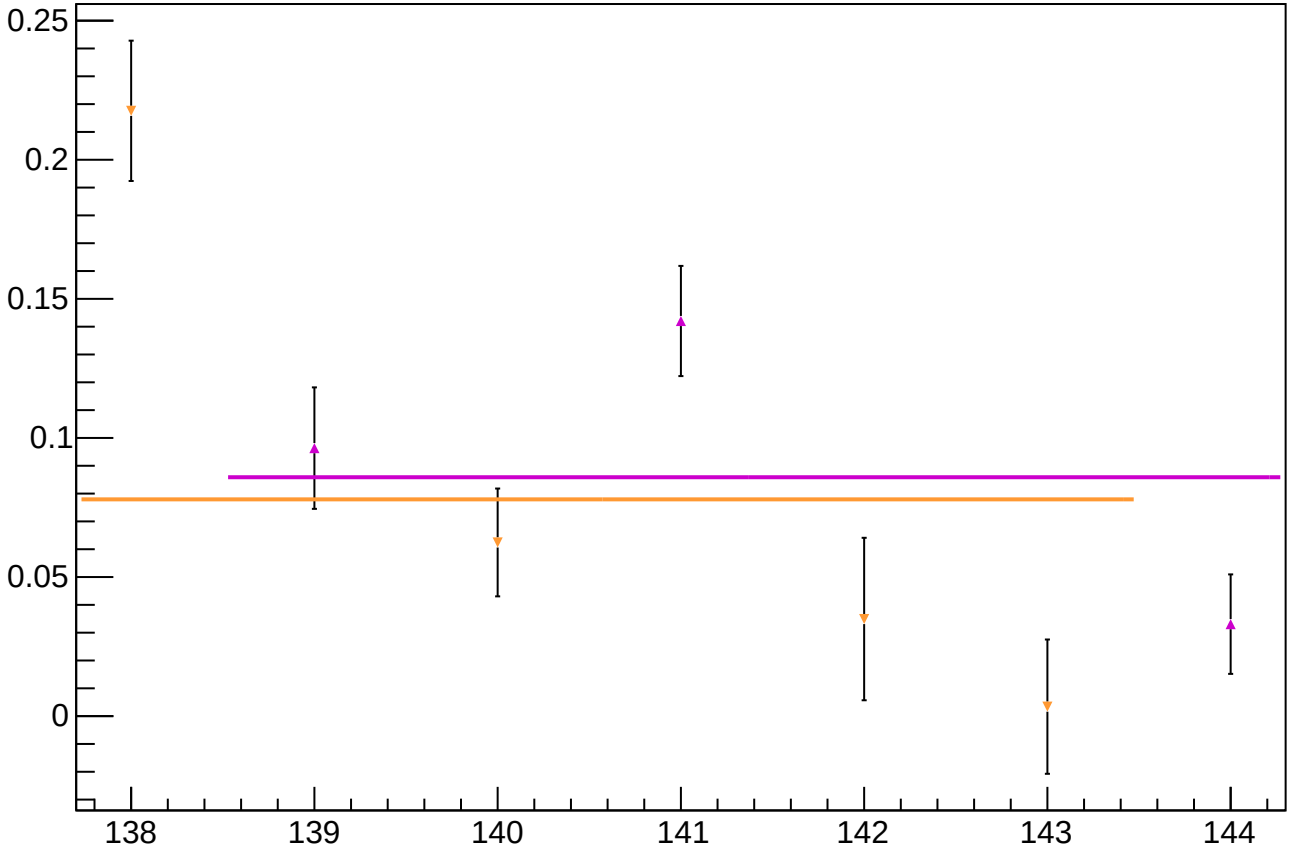
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.317+/-0.244 χ^2/NDF:311.1/2

Out: -33.612+/-0.245 χ^2/NDF:478.8/3

All: -32.457+/-0.173 χ^2/NDF: 833.9/6

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: 0.078+/-0.012 χ^2/NDF:43.0/3

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

Left In: 0.086+/-0.011 χ^2/NDF:17.0/2

Left: 0.082+/-0.008 χ^2/NDF: 60.2/6

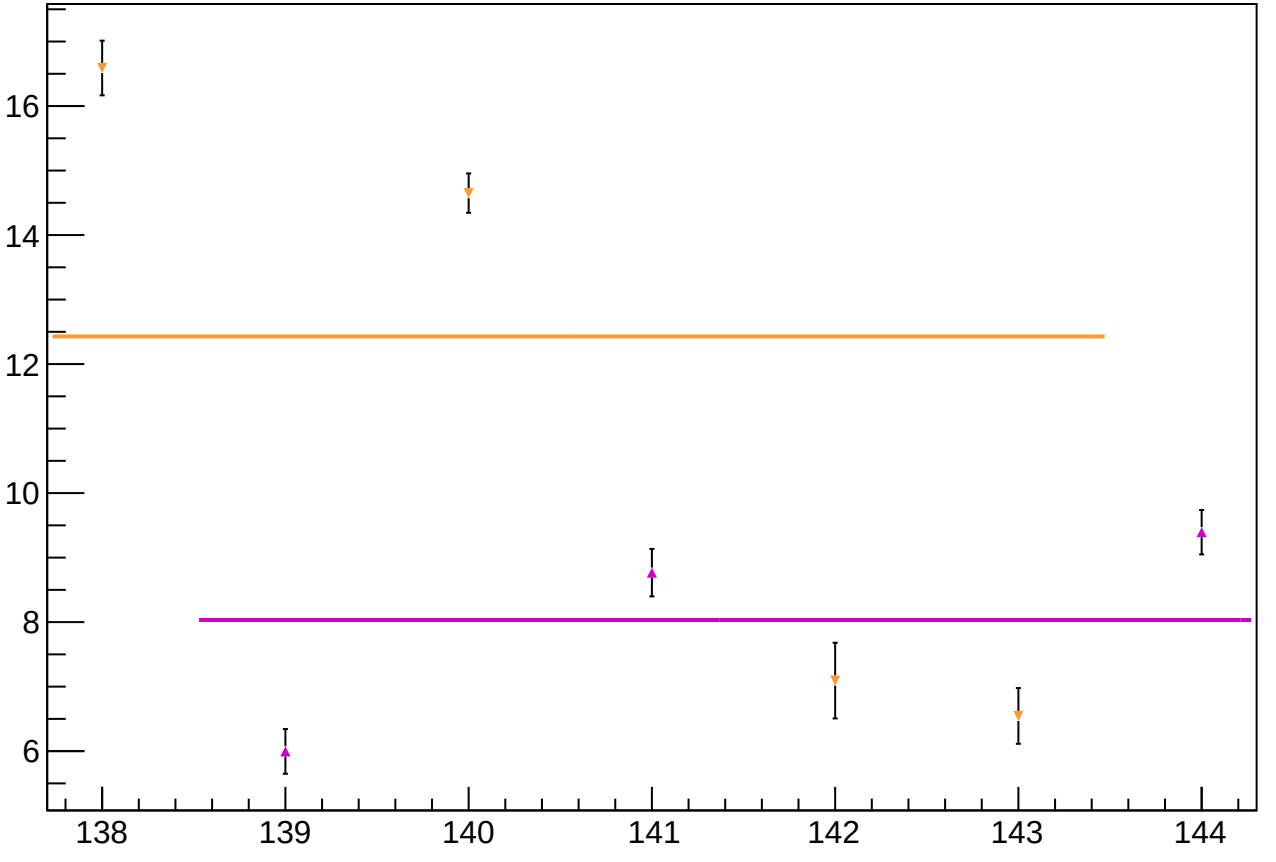
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.086+/-0.011 χ^2/NDF:17.0/2

Out: 0.078+/-0.012 χ^2/NDF:43.0/3

All: 0.082+/-0.008 χ^2/NDF: 60.2/6

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: 12.428+/-0.202 χ^2/NDF:417.7/3

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

Left In: 8.033+/-0.204 χ^2/NDF:54.0/2

Left: 10.250+/-0.143 χ^2/NDF: 706.8/6

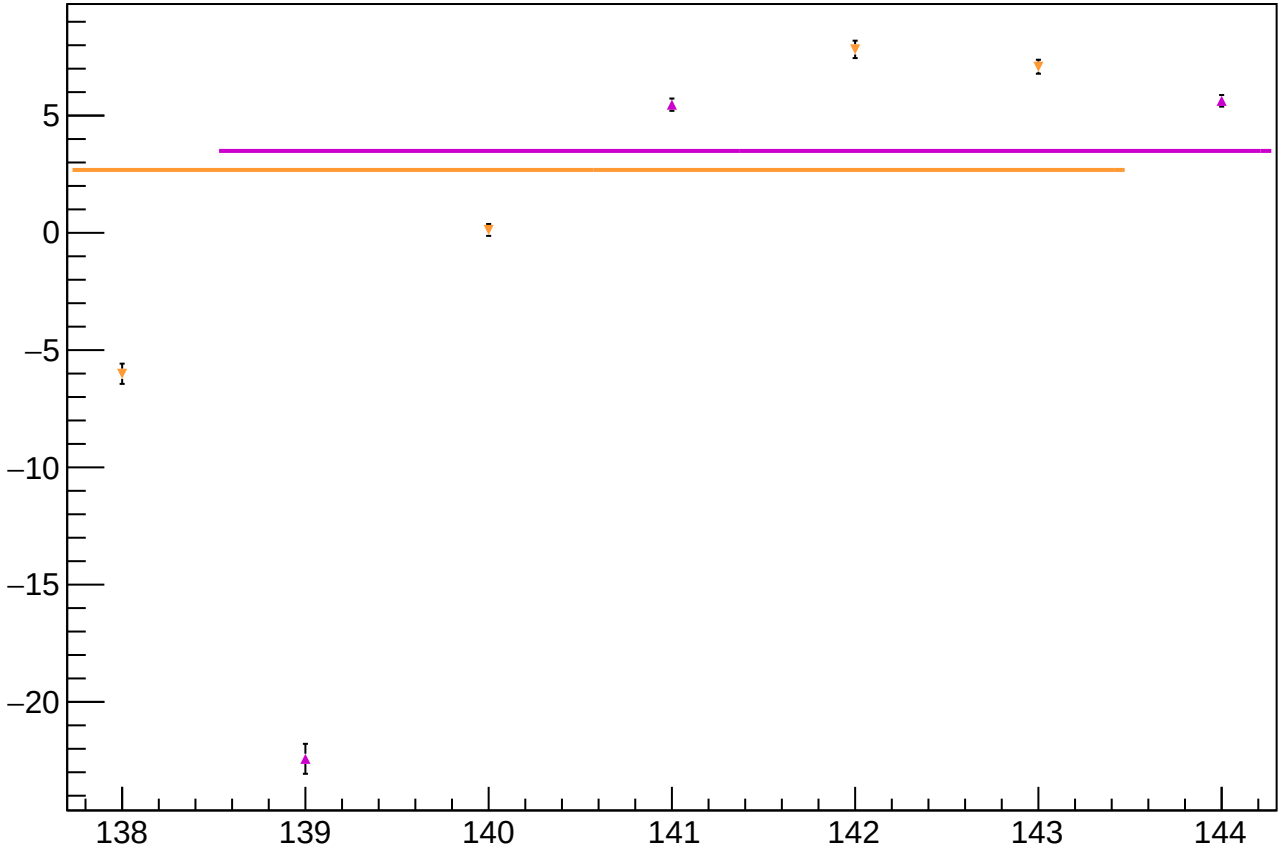
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.033+/-0.204 χ^2/NDF:54.0/2

Out: 12.428+/-0.202 χ^2/NDF:417.7/3

All: 10.250+/-0.143 χ^2/NDF: 706.8/6

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: 2.682+/-0.159 χ^2/NDF:917.4/3

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

Left In: 3.493+/-0.173 χ^2/NDF:1776.5/2

Left: 3.053+/-0.117 χ^2/NDF: 2705.8/6

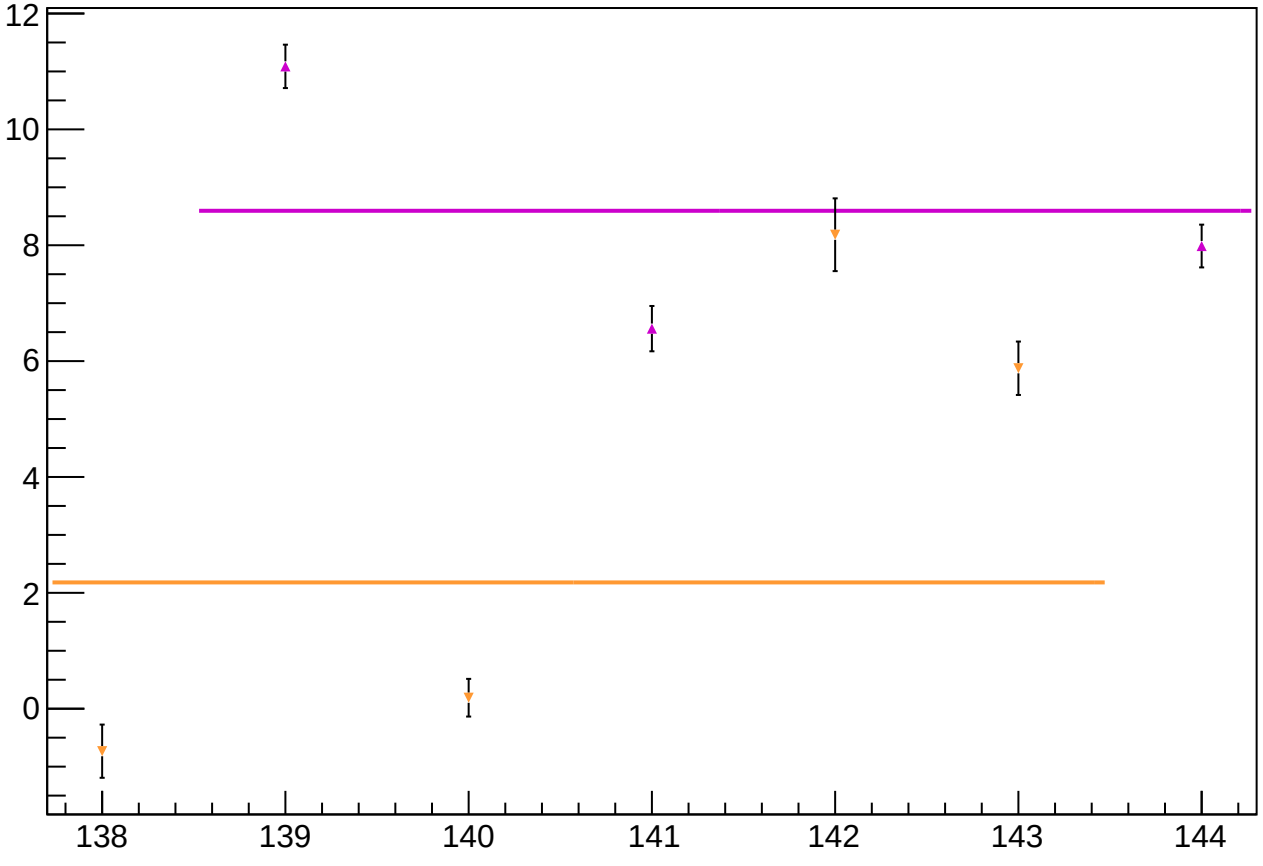
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.493+/-0.173 χ^2/NDF:1776.5/2

Out: 2.682+/-0.159 χ^2/NDF:917.4/3

All: 3.053+/-0.117 χ^2/NDF: 2705.8/6

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: 2.180+/-0.216 χ^2/NDF:233.3/3

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

Left In: 8.595+/-0.218 χ^2/NDF:74.0/2

Left: 5.355+/-0.154 χ^2/NDF: 743.8/6

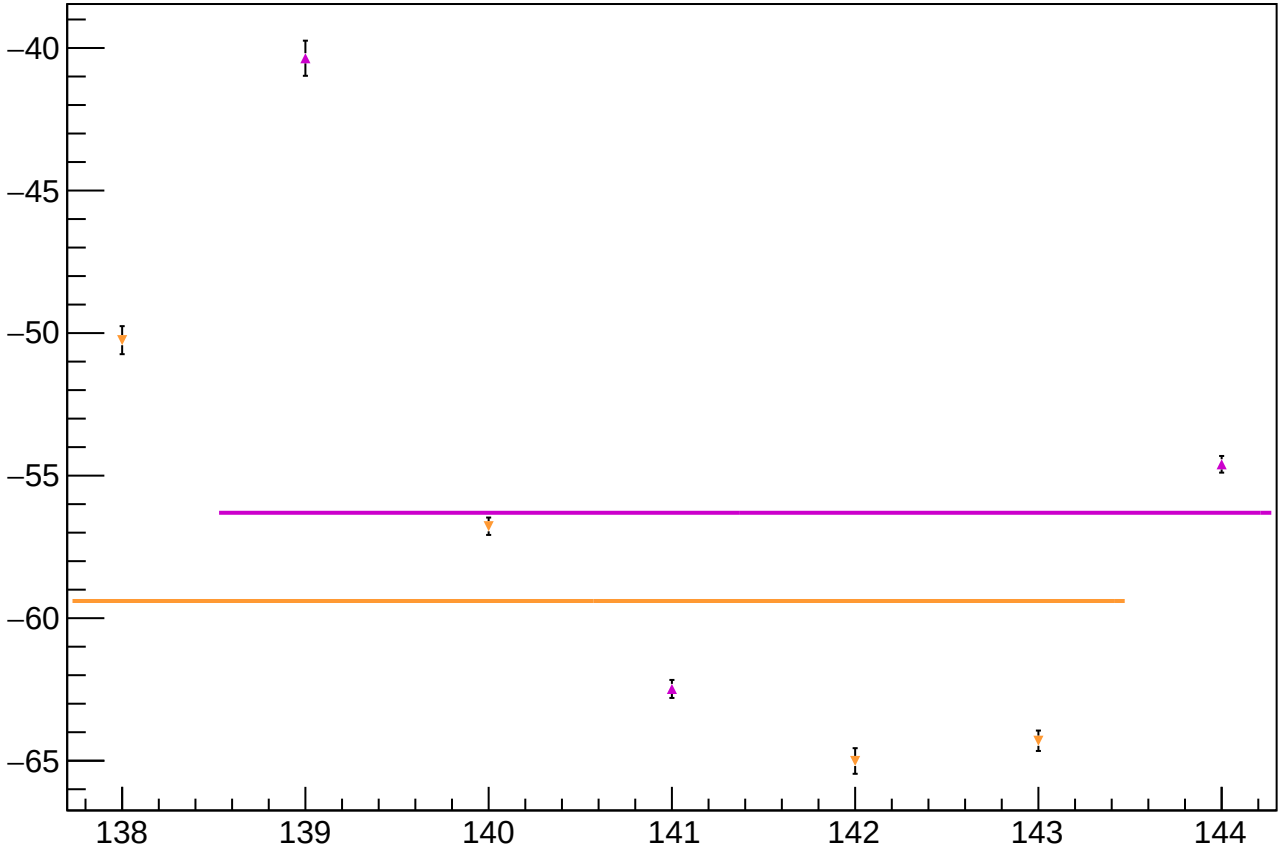
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.595+/-0.218 χ^2/NDF:74.0/2

Out: 2.180+/-0.216 χ^2/NDF:233.3/3

All: 5.355+/-0.154 χ^2/NDF: 743.8/6

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: -59.397+/-0.190 χ^2/NDF:764.0/3

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

Left In: -56.303+/-0.203 χ^2/NDF:1085.6/2

Left: -57.948+/-0.139 χ^2/NDF: 1973.6/6

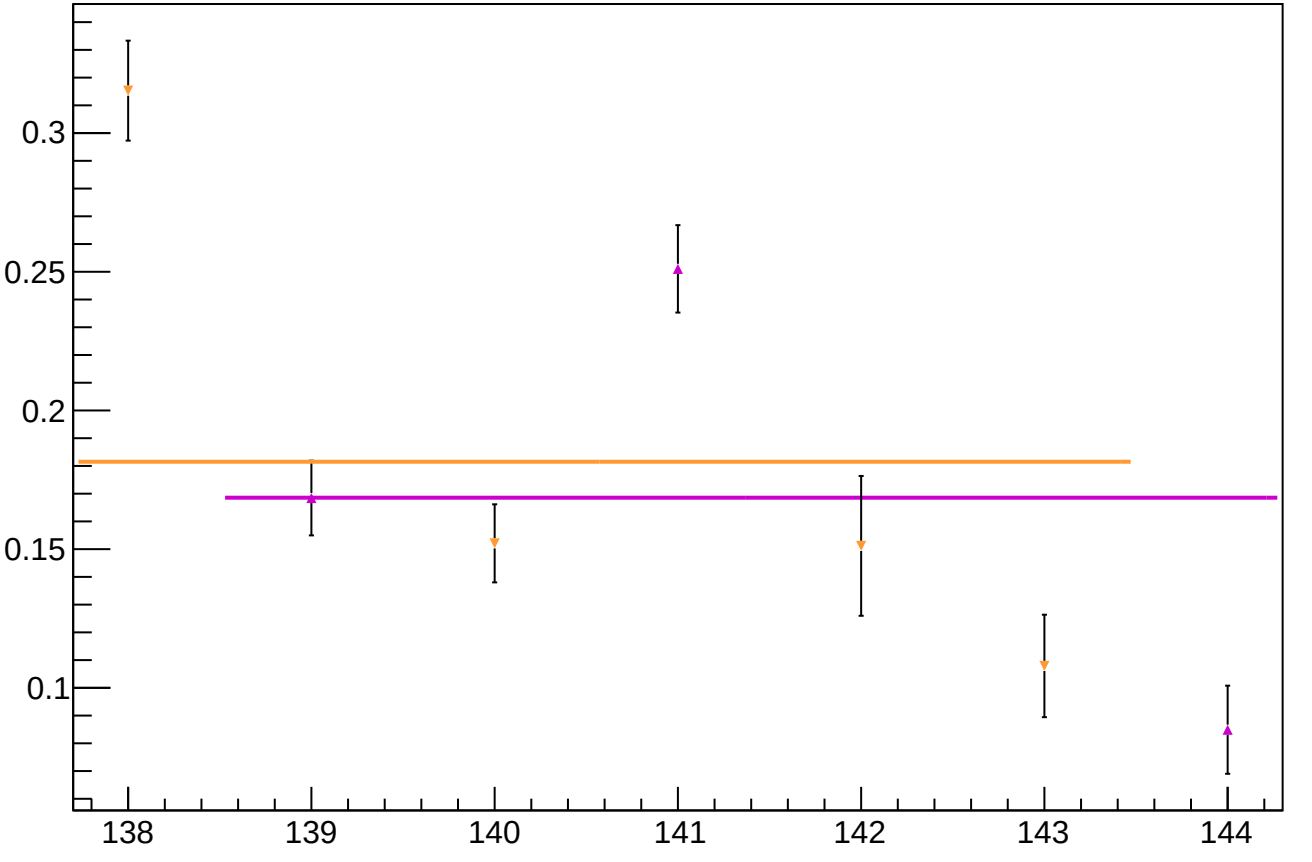
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.303+/-0.203 χ^2/NDF:1085.6/2

Out: -59.397+/-0.190 χ^2/NDF:764.0/3

All: -57.948+/-0.139 χ^2/NDF: 1973.6/6

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: 0.182+/-0.009 χ^2/NDF:76.8/3

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

Left In: 0.169+/-0.009 χ^2/NDF:55.1/2

Left: 0.175+/-0.006 χ^2/NDF: 133.1/6

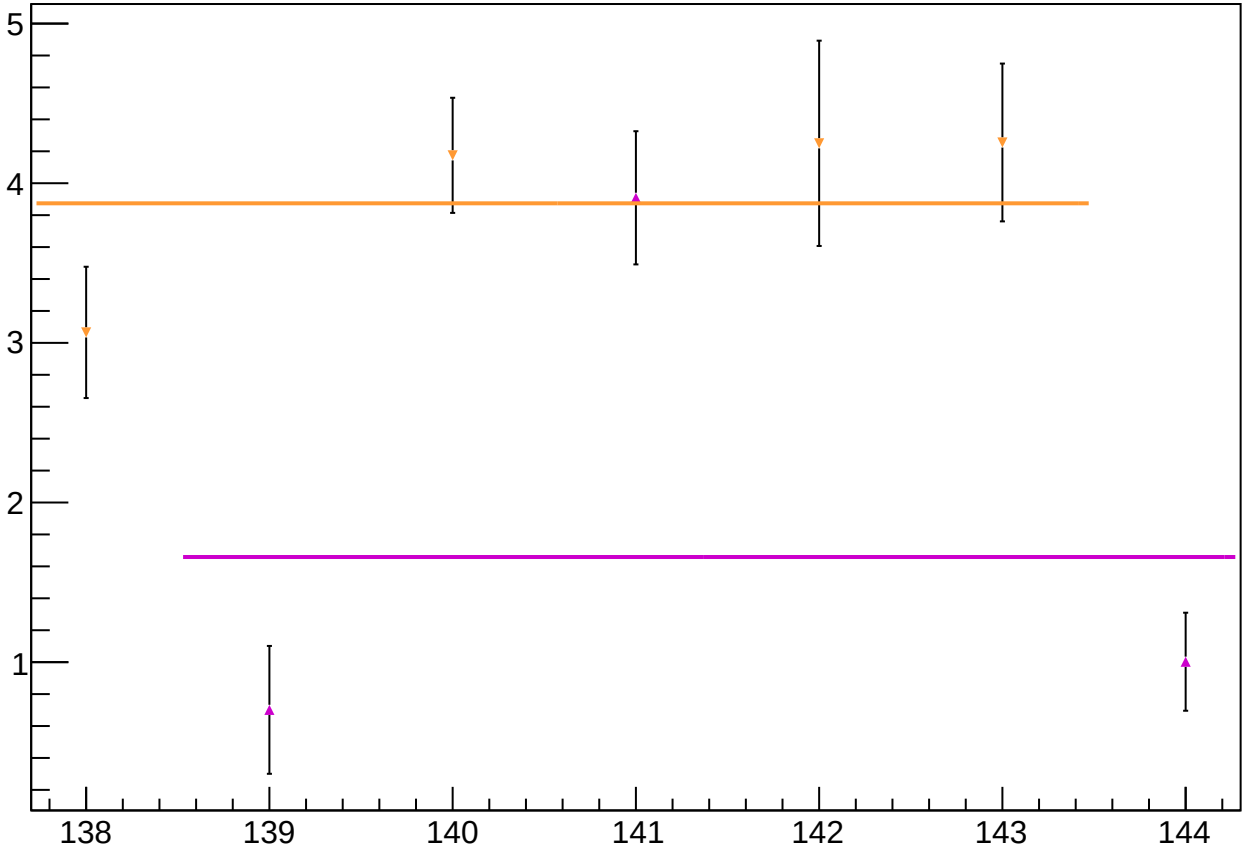
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.169+/-0.009 χ^2/NDF:55.1/2

Out: 0.182+/-0.009 χ^2/NDF:76.8/3

All: 0.175+/-0.006 χ^2/NDF: 133.1/6

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.874+/-0.223 χ^2/NDF:5.5/3

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

Left In: 1.659+/-0.210 χ^2/NDF:39.4/2

Left: 2.702+/-0.153 χ^2/NDF: 97.1/6

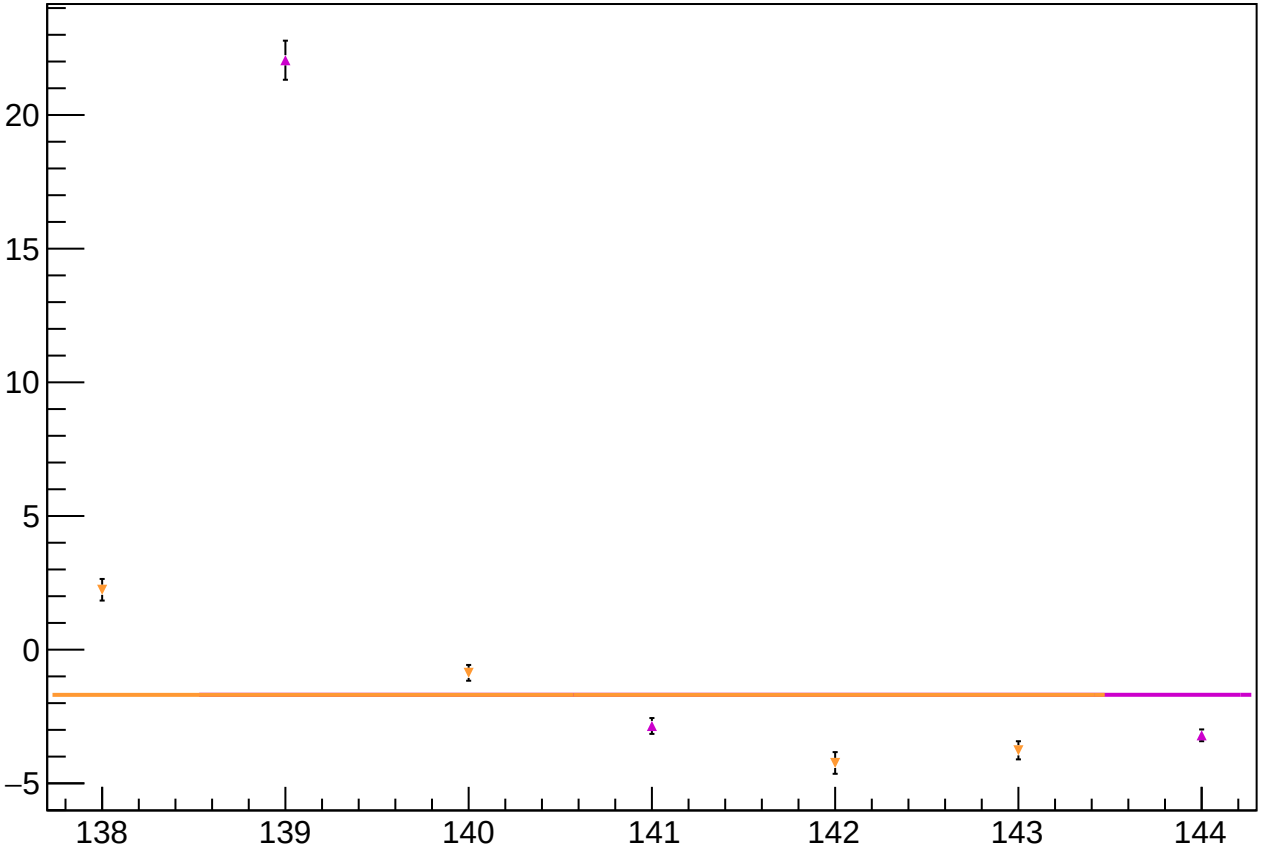
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.659+/-0.210 χ^2/NDF:39.4/2

Out: 3.874+/-0.223 χ^2/NDF:5.5/3

All: 2.702+/-0.153 χ^2/NDF: 97.1/6

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: -1.690+/-0.176 χ^2/NDF:179.2/3

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

Left In: -1.688+/-0.172 χ^2/NDF:1117.0/2

Left: -1.689+/-0.123 χ^2/NDF: 1296.3/6

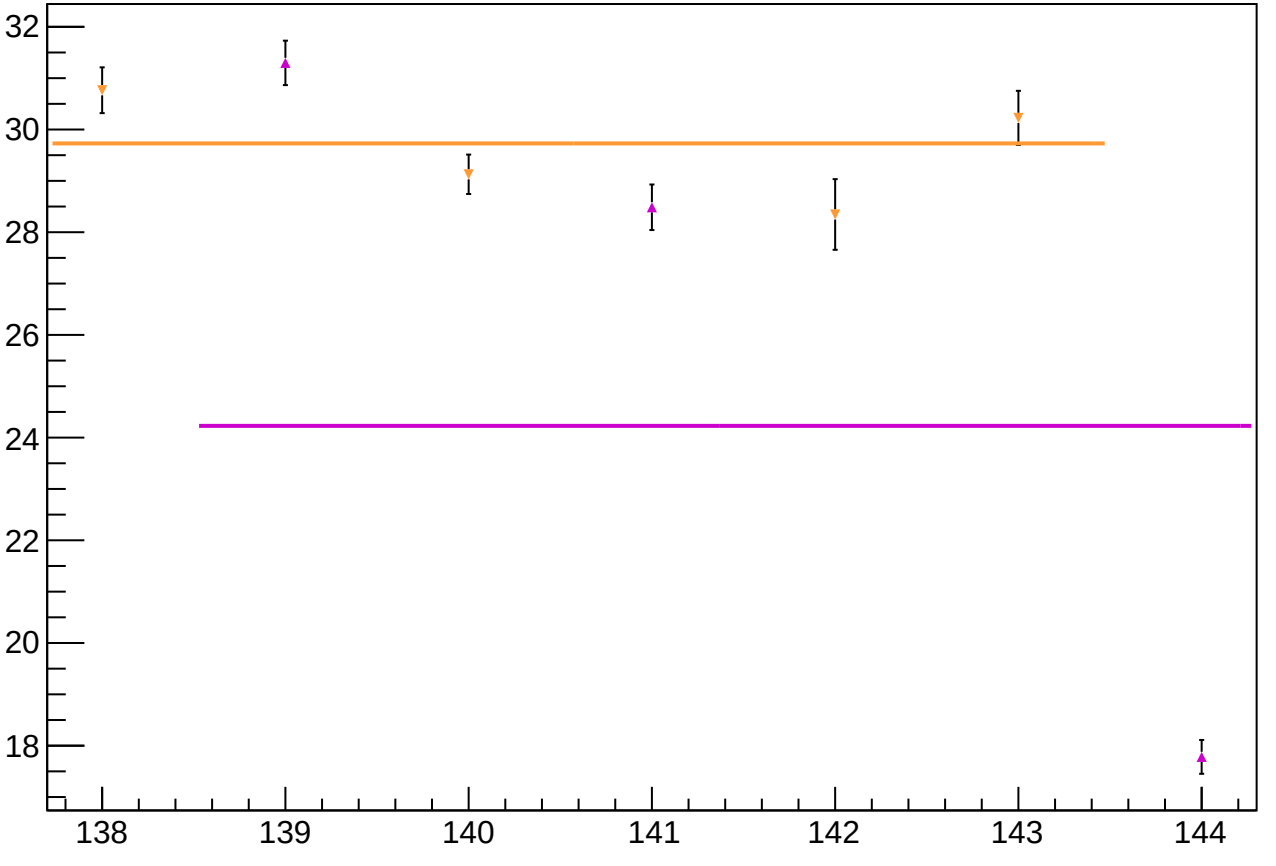
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.688+/-0.172 χ^2/NDF:1117.0/2

Out: -1.690+/-0.176 χ^2/NDF:179.2/3

All: -1.689+/-0.123 χ^2/NDF: 1296.3/6

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: 29.729+/-0.239 χ^2/NDF:12.8/3

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

Left In: 24.229+/-0.226 χ^2/NDF:741.9/2

Left: 26.822+/-0.164 χ^2/NDF: 1034.8/6

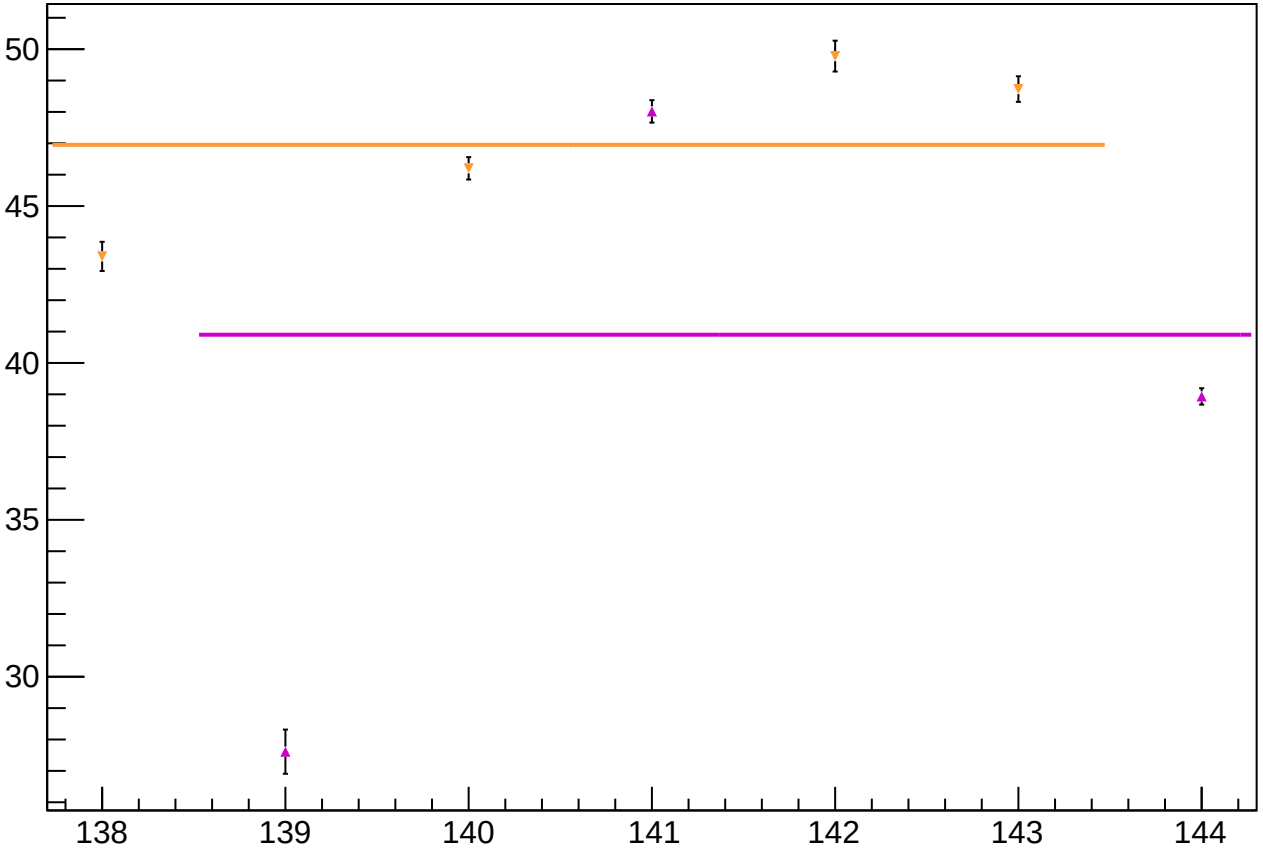
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 24.229+/-0.226 χ^2/NDF:741.9/2

Out: 29.729+/-0.239 χ^2/NDF:12.8/3

All: 26.822+/-0.164 χ^2/NDF: 1034.8/6

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: 46.952+/-0.210 χ^2/NDF:114.9/3

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

Left In: 40.900+/-0.202 χ^2/NDF:808.8/2

Left: 43.802+/-0.146 χ^2/NDF: 1354.9/6

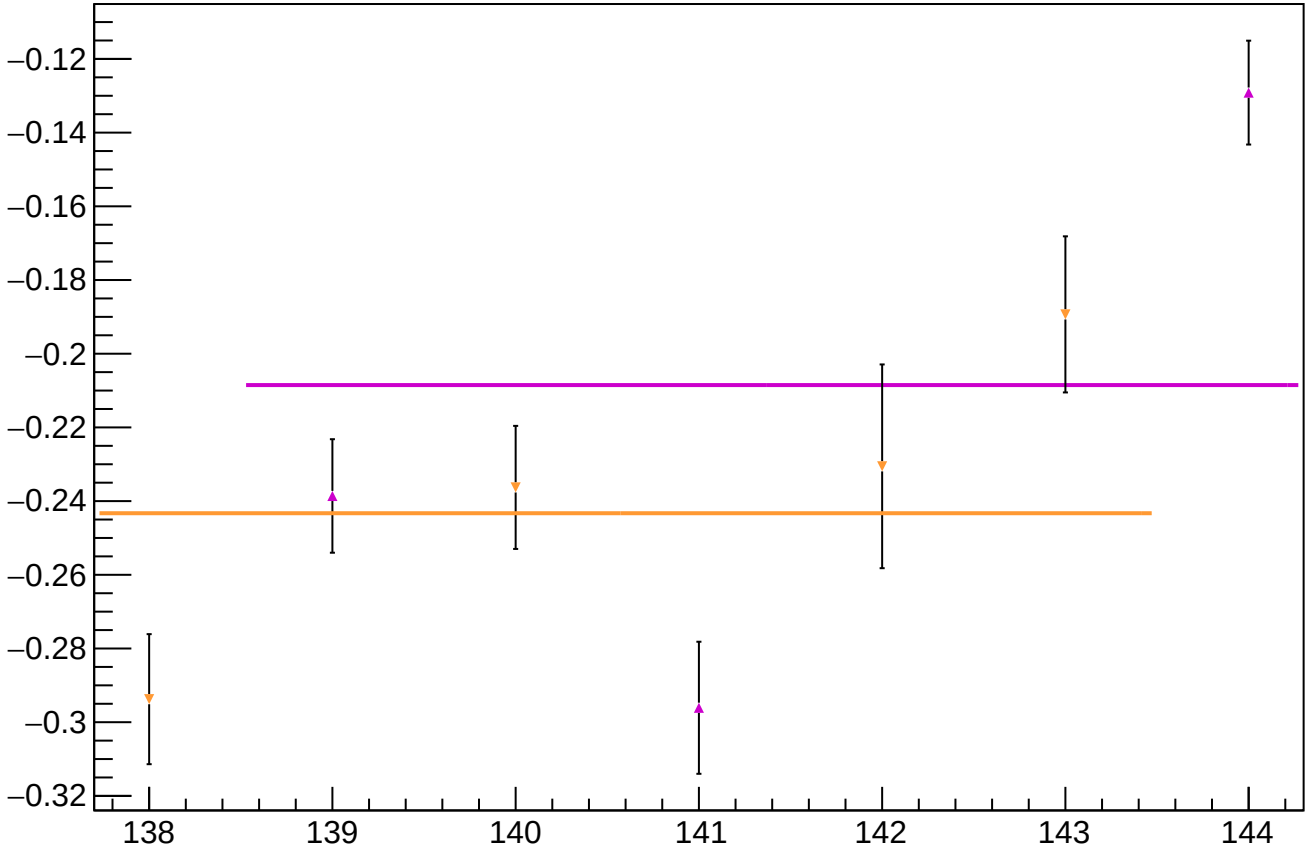
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.900+/-0.202 χ^2/NDF:808.8/2

Out: 46.952+/-0.210 χ^2/NDF:114.9/3

All: 43.802+/-0.146 χ^2/NDF: 1354.9/6

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: -0.243+/-0.010 χ^2/NDF:15.1/3

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

Left In: -0.209+/-0.009 χ^2/NDF:59.4/2

Left: -0.224+/-0.007 χ^2/NDF: 81.3/6

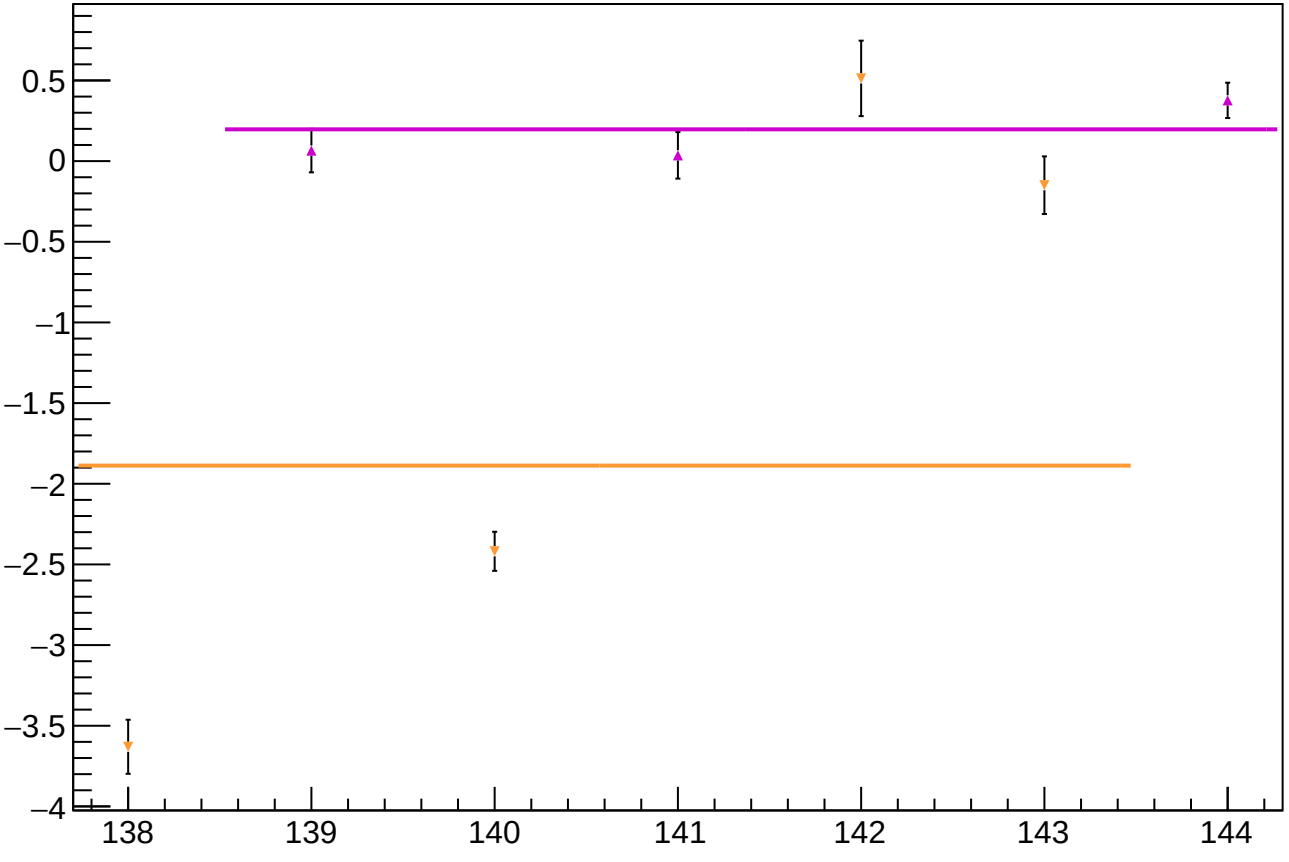
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.209+/-0.009 χ^2/NDF:59.4/2

Out: -0.243+/-0.010 χ^2/NDF:15.1/3

All: -0.224+/-0.007 χ^2/NDF: 81.3/6

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: -1.887+/-0.081 χ^2/NDF:327.4/3

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

Left In: 0.197+/-0.073 χ^2/NDF:4.9/2

Left: -0.743+/-0.054 χ^2/NDF: 698.2/6

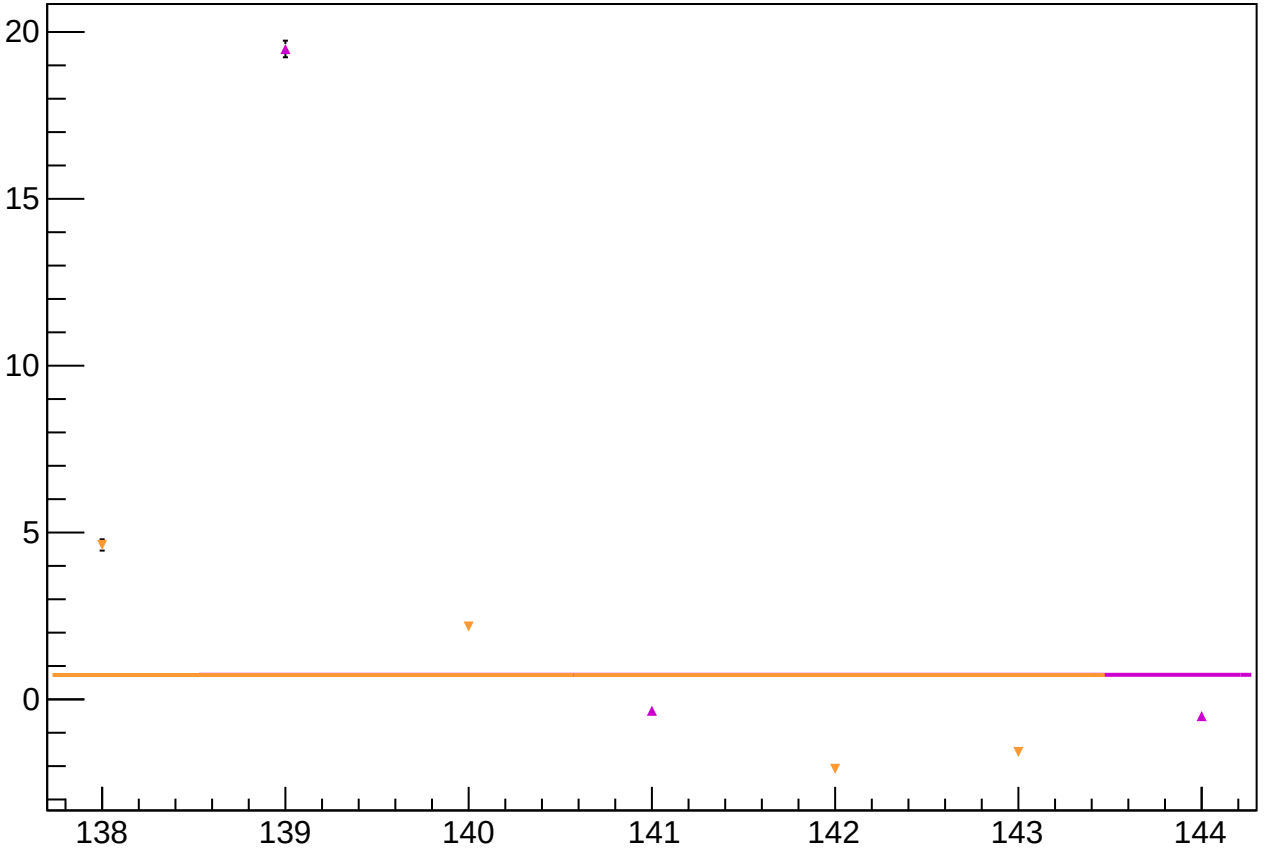
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.197+/-0.073 χ^2/NDF:4.9/2

Out: -1.887+/-0.081 χ^2/NDF:327.4/3

All: -0.743+/-0.054 χ^2/NDF: 698.2/6

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: 0.730+/-0.064 χ^2/NDF:1454.3/3

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

Left In: 0.737+/-0.061 χ^2/NDF:6021.4/2

Left: 0.734+/-0.044 χ^2/NDF: 7475.7/6

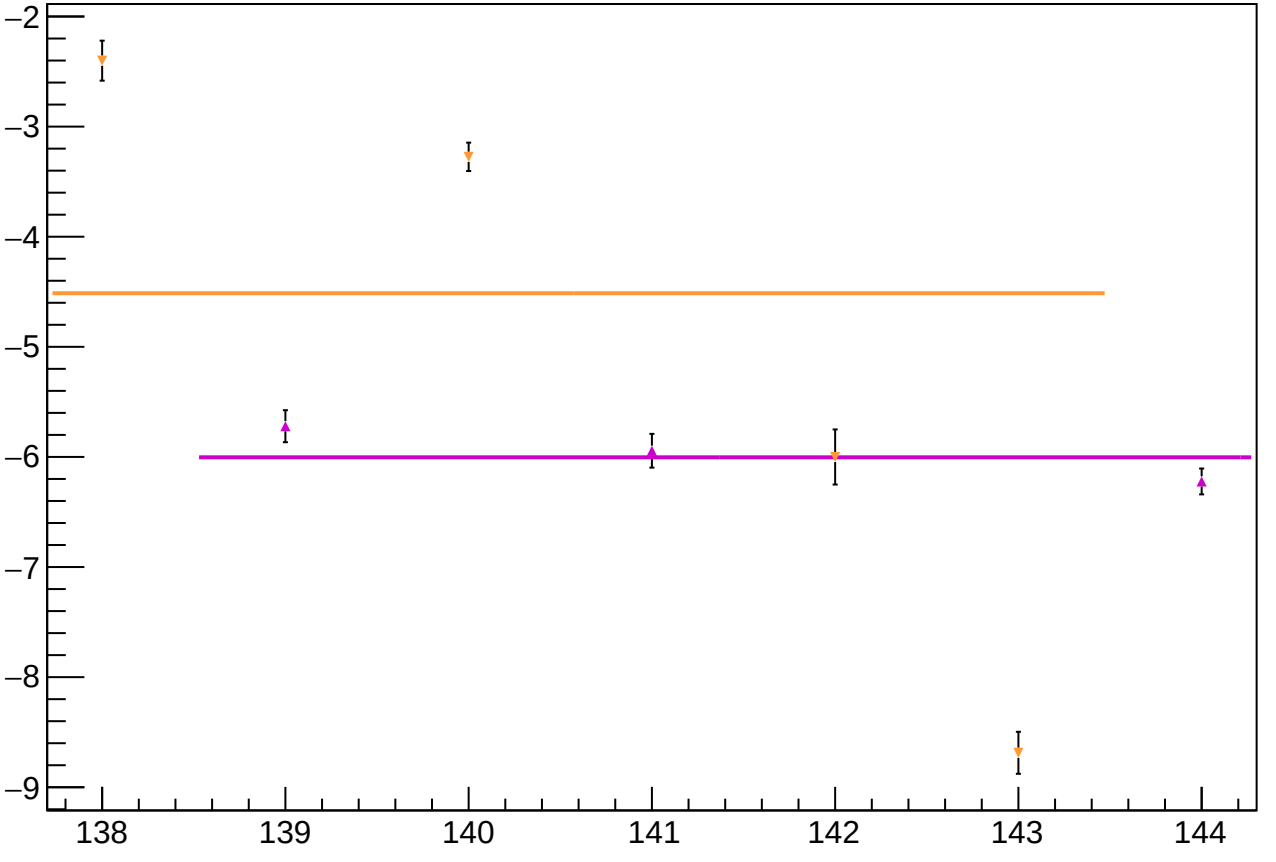
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.737+/-0.061 χ^2/NDF:6021.4/2

Out: 0.730+/-0.064 χ^2/NDF:1454.3/3

All: 0.734+/-0.044 χ^2/NDF: 7475.7/6

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: -4.513+/-0.086 χ^2/NDF:741.4/3

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

Left In: -6.004+/-0.078 χ^2/NDF:7.4/2

Left: -5.331+/-0.058 χ^2/NDF: 911.8/6

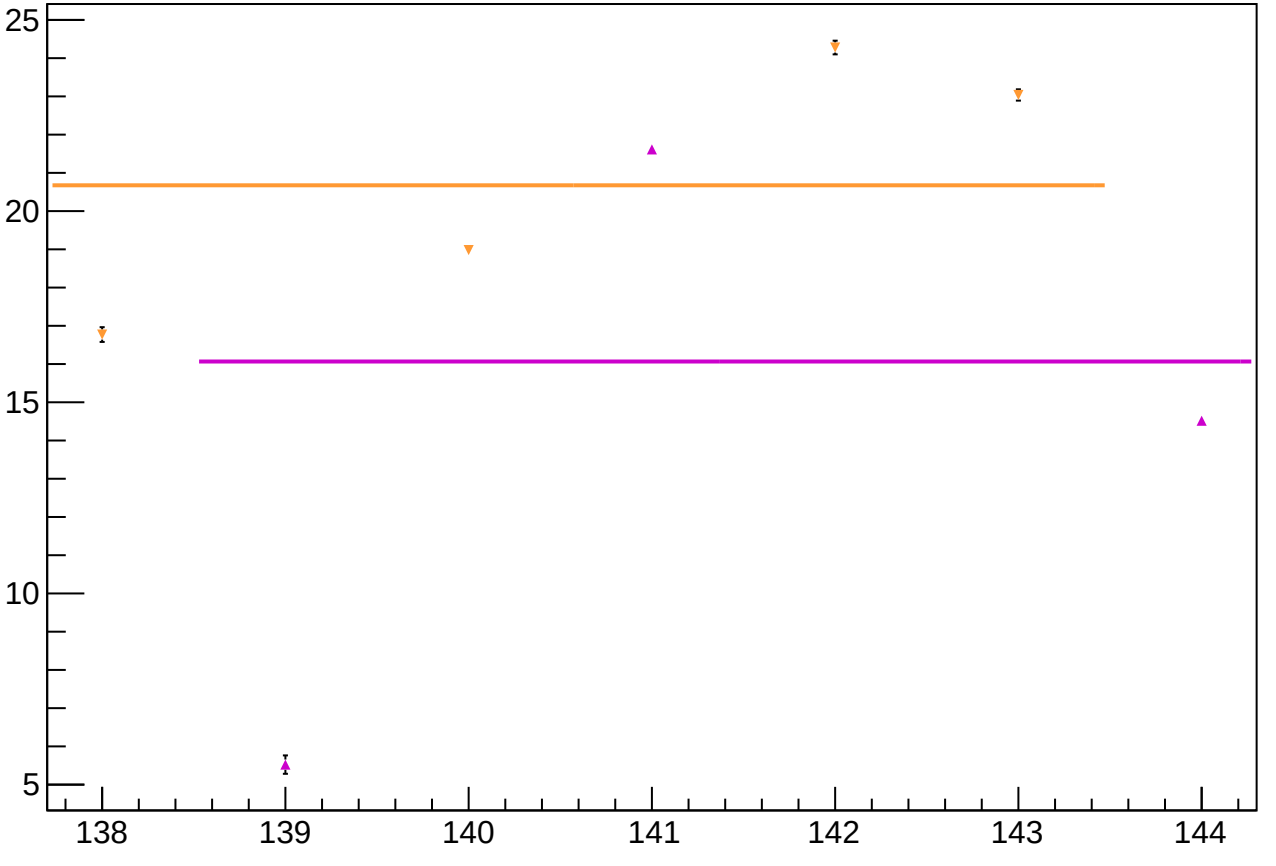
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.004+/-0.078 χ^2/NDF:7.4/2

Out: -4.513+/-0.086 χ^2/NDF:741.4/3

All: -5.331+/-0.058 χ^2/NDF: 911.8/6

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: 20.675+/-0.076 χ^2/NDF:1265.4/3

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

Left In: 16.066+/-0.071 χ^2/NDF:4208.8/2

Left: 18.207+/-0.052 χ^2/NDF: 7433.0/6

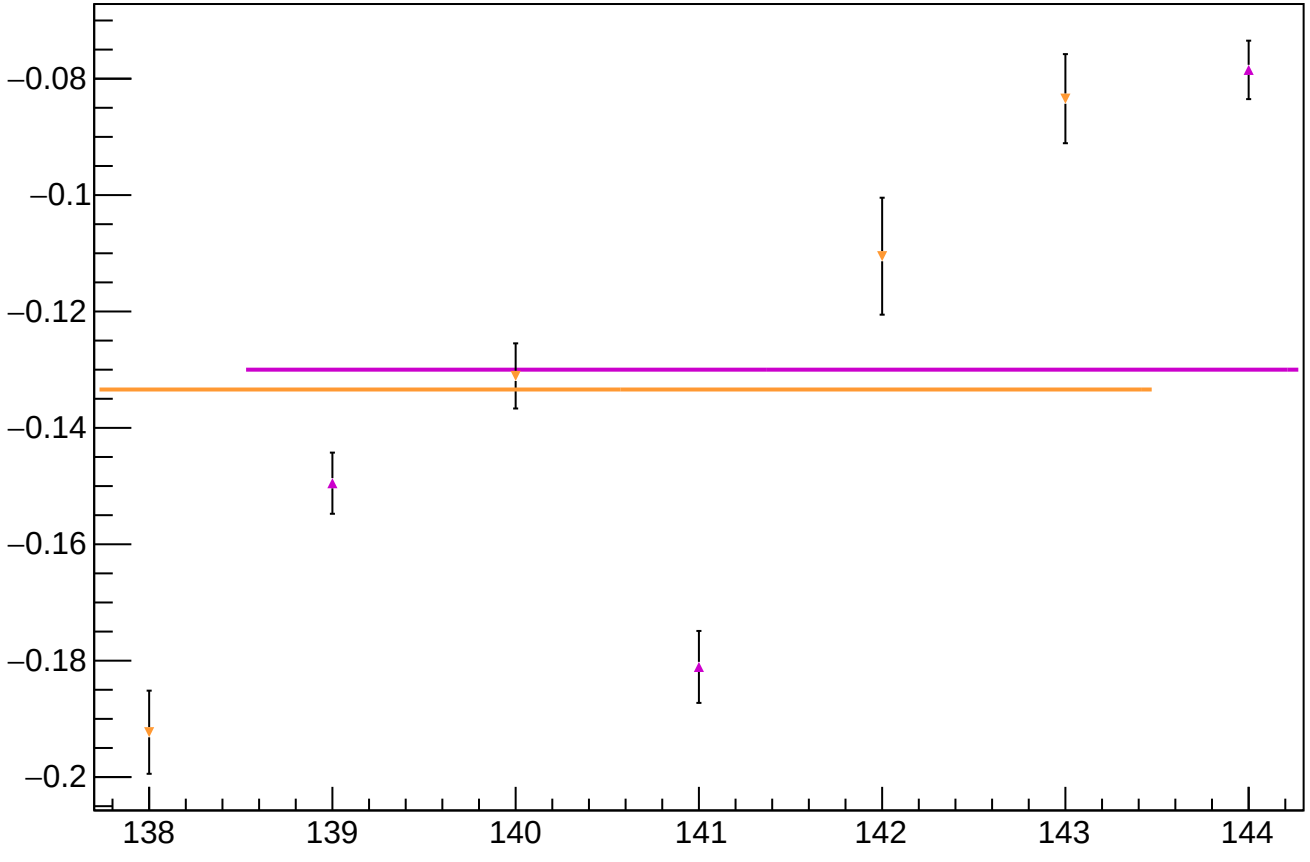
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.066+/-0.071 χ^2/NDF:4208.8/2

Out: 20.675+/-0.076 χ^2/NDF:1265.4/3

All: 18.207+/-0.052 χ^2/NDF: 7433.0/6

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: -0.133+/-0.004 χ^2/NDF:116.0/3

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

Left In: -0.130+/-0.003 χ^2/NDF:187.3/2

Left: -0.131+/-0.002 χ^2/NDF: 303.7/6

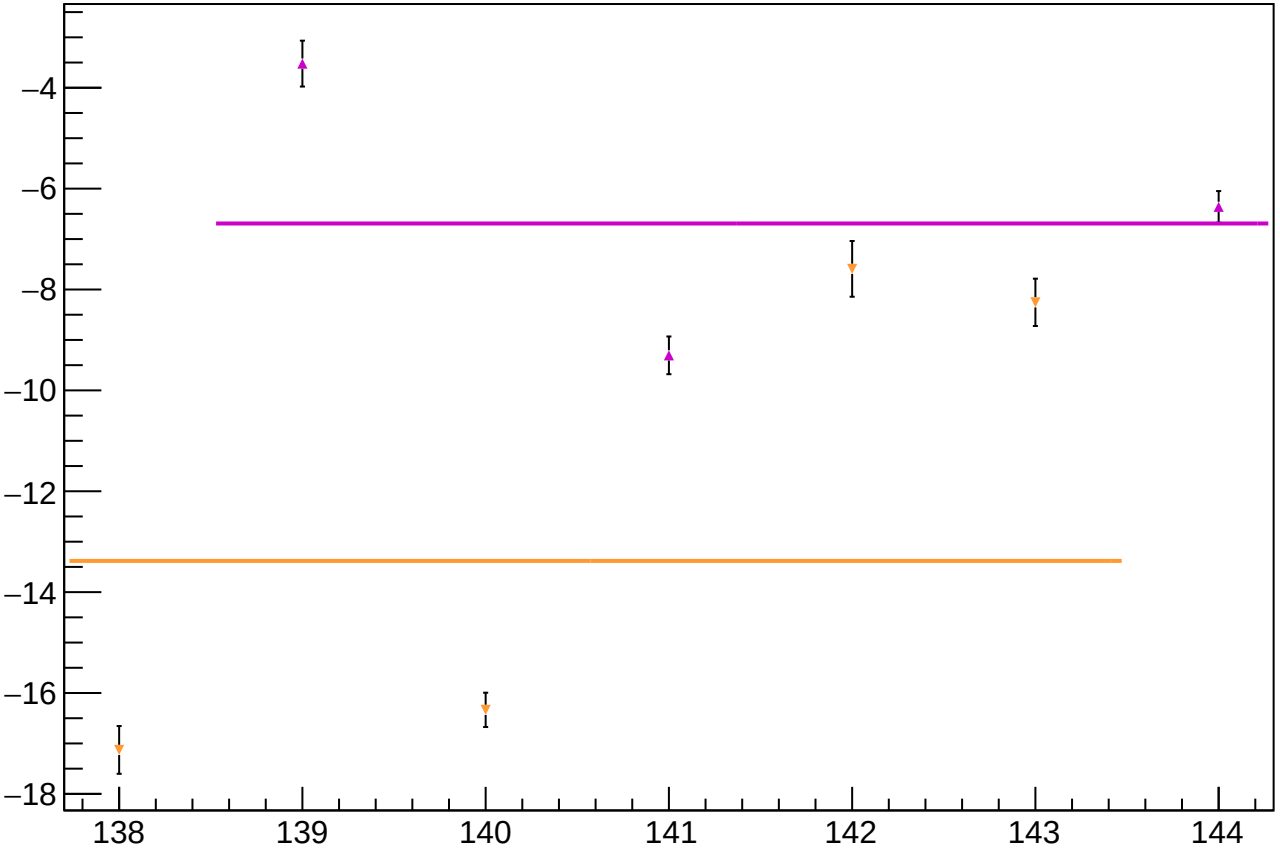
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.130+/-0.003 χ^2/NDF:187.3/2

Out: -0.133+/-0.004 χ^2/NDF:116.0/3

All: -0.131+/-0.002 χ^2/NDF: 303.7/6

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: -13.381+/-0.219 χ^2/NDF:367.3/3

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

Left In: -6.691+/-0.212 χ^2/NDF:98.6/2

Left: -9.937+/-0.152 χ^2/NDF: 948.0/6

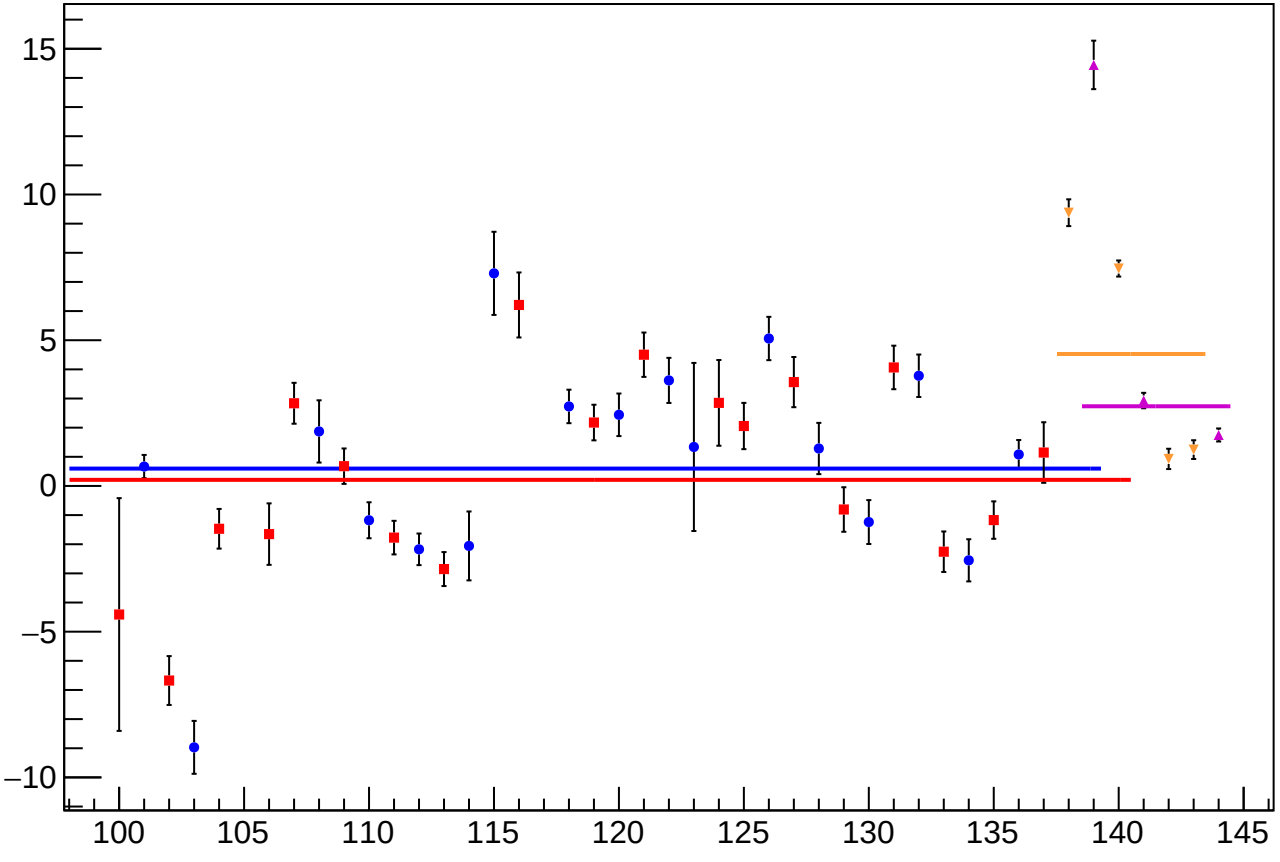
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.691+/-0.212 χ^2/NDF:98.6/2

Out: -13.381+/-0.219 χ^2/NDF:367.3/3

All: -9.937+/-0.152 χ^2/NDF: 948.0/6

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: 4.527+/-0.167 χ^2/NDF:434.9/3

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 2.734+/-0.167 χ^2/NDF:218.3/2

Left: 3.631+/-0.118 χ^2/NDF: 710.7/6

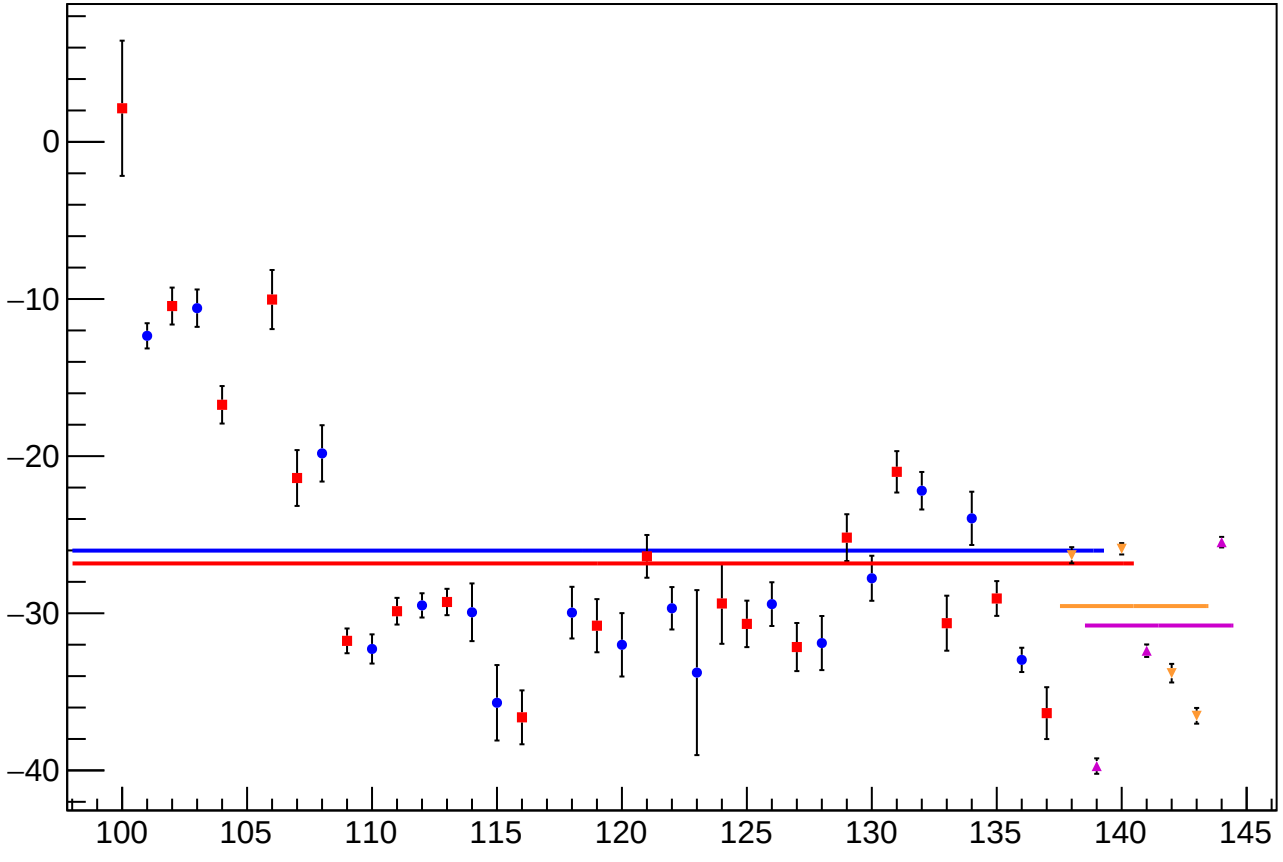
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 1.675+/-0.119 χ^2/NDF:590.3/19

Out: 2.462+/-0.121 χ^2/NDF:1027.2/22

All: 2.062+/-0.085 χ^2/NDF: 1639.1/42

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: -29.542+/-0.234 χ^2/NDF:388.0/3

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -30.779+/-0.227 χ^2/NDF:598.1/2

Left: -30.178+/-0.163 χ^2/NDF: 1000.4/6

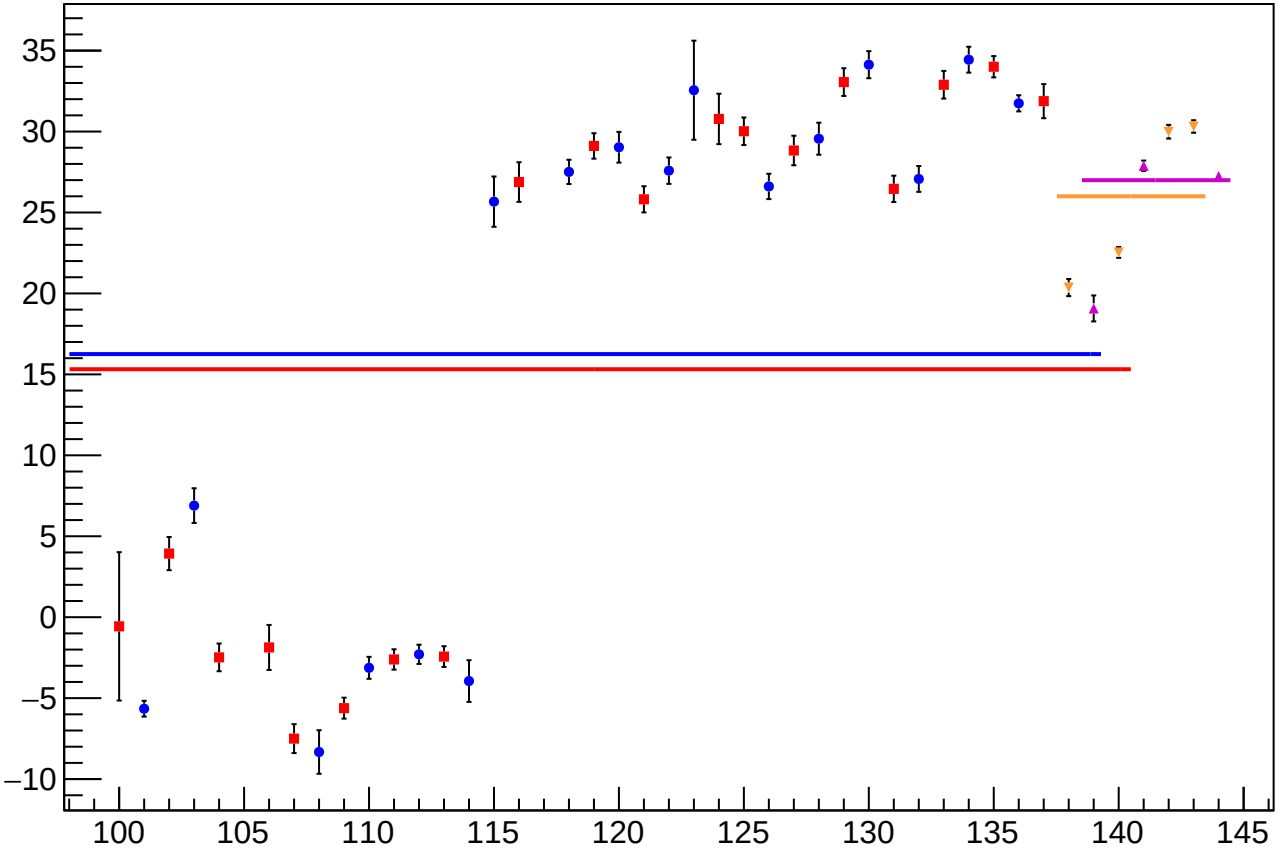
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -29.038+/-0.181 χ^2/NDF:1451.7/19

Out: -28.505+/-0.184 χ^2/NDF:1020.9/22

All: -28.776+/-0.129 χ^2/NDF: 2476.9/42

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: 26.001+/-0.201 χ^2/NDF:434.1/3

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 26.994+/-0.198 χ^2/NDF:106.3/2

Left: 26.506+/-0.141 χ^2/NDF: 552.9/6

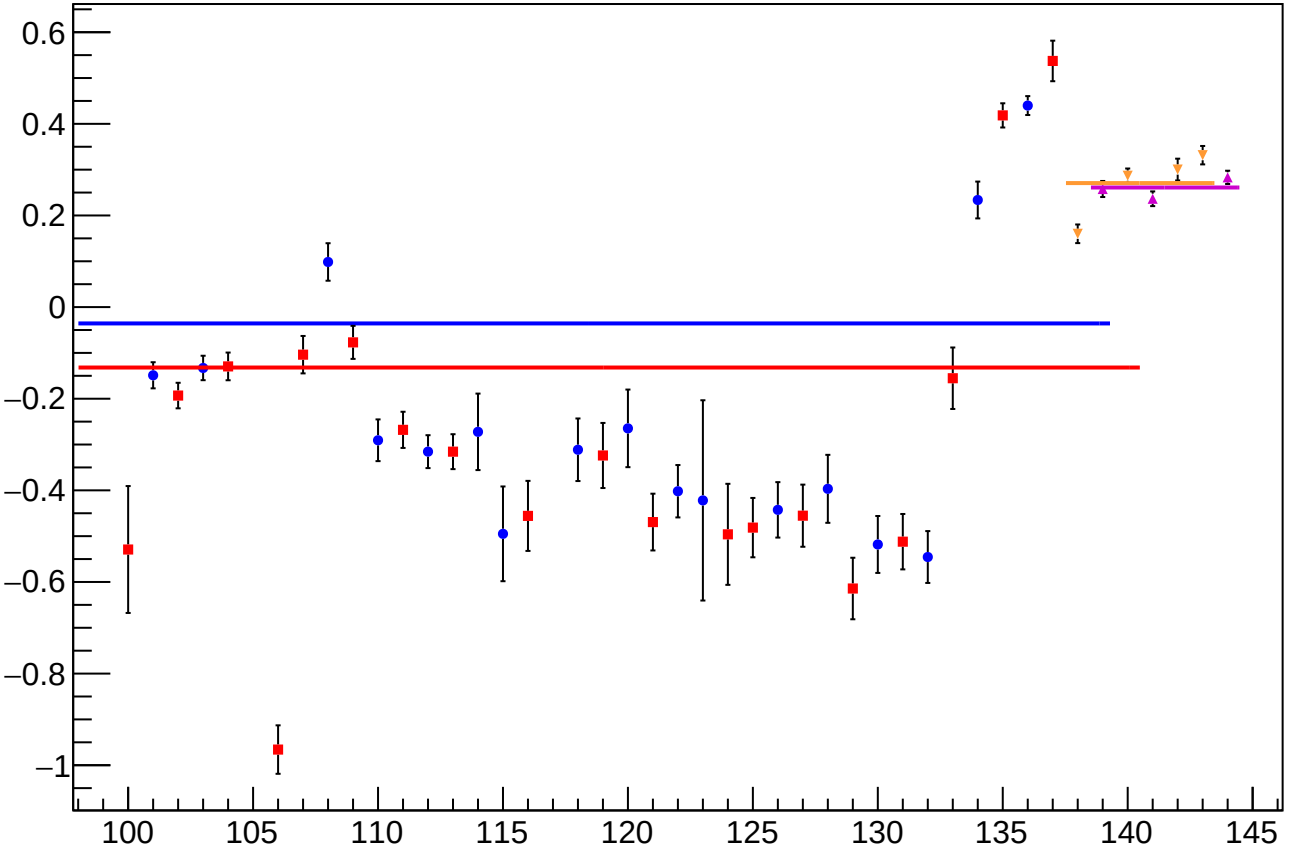
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 21.443+/-0.137 χ^2/NDF:9245.4/19

Out: 20.558+/-0.141 χ^2/NDF:9156.7/22

All: 21.011+/-0.098 χ^2/NDF: 18422.4/42

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: 0.271+/-0.010 χ^2/NDF:41.4/3

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.261+/-0.009 χ^2/NDF:4.7/2

Left: 0.266+/-0.007 χ^2/NDF: 46.7/6

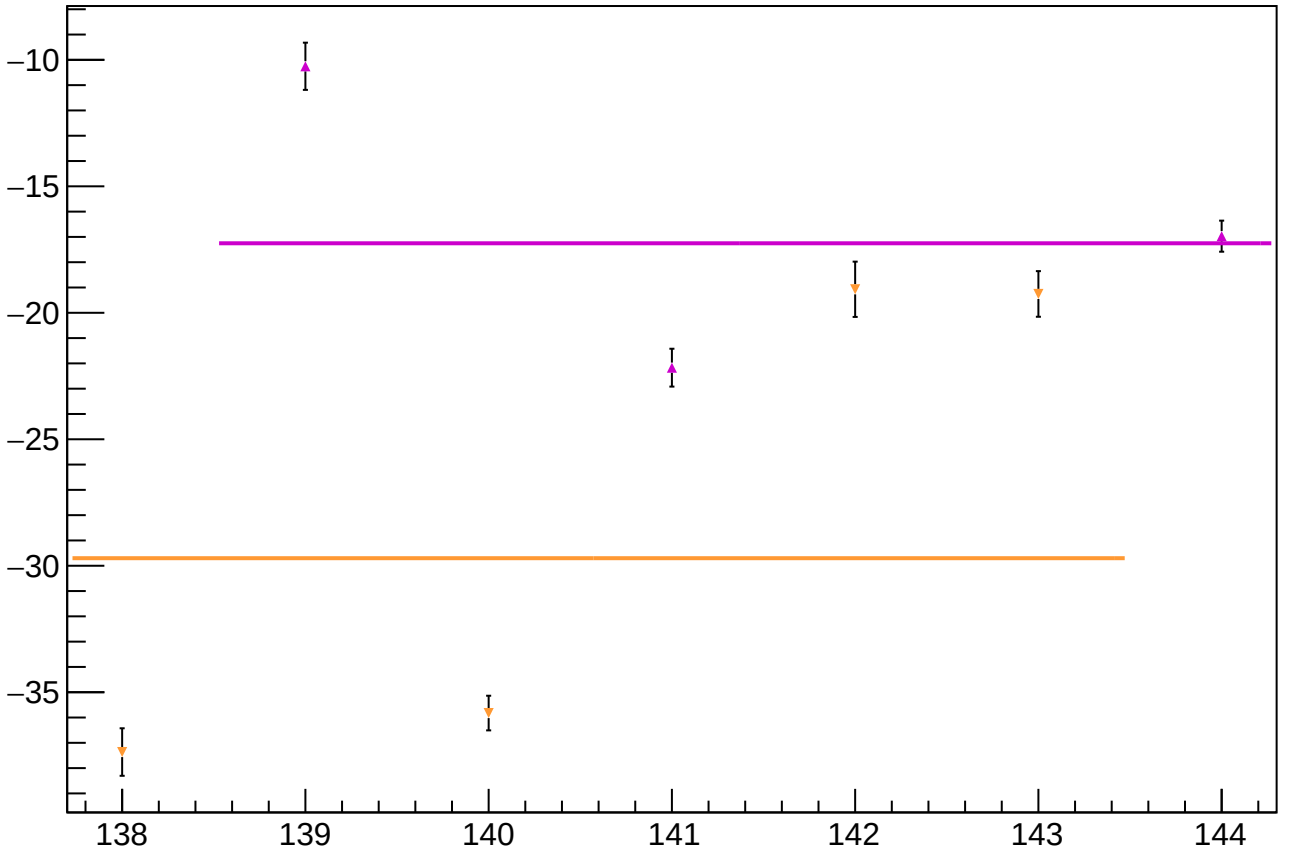
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.130+/-0.007 χ^2/NDF:1481.9/19

Out: 0.083+/-0.007 χ^2/NDF:2020.0/22

All: 0.107+/-0.005 χ^2/NDF: 3524.5/42

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: -29.701+/-0.433 χ^2/NDF:375.2/3

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

Left In: -17.252+/-0.423 χ^2/NDF:99.6/2

Left: -23.331+/-0.303 χ^2/NDF: 897.7/6

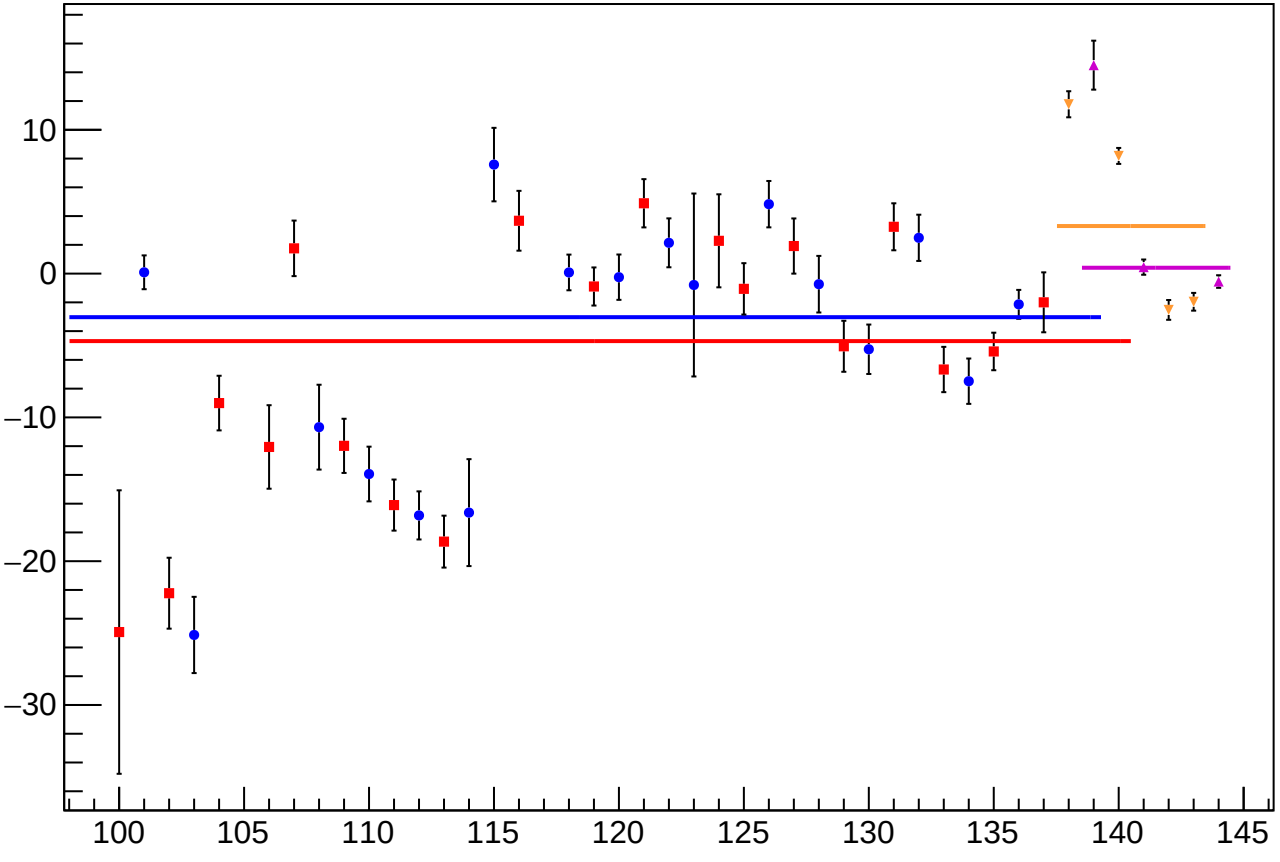
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.252+/-0.423 χ^2/NDF:99.6/2

Out: -29.701+/-0.433 χ^2/NDF:375.2/3

All: -23.331+/-0.303 χ^2/NDF: 897.7/6

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: 3.308+/-0.330 χ^2/NDF:308.9/3

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: 0.407+/-0.331 χ^2/NDF:73.3/2

Left: 1.863+/-0.234 χ^2/NDF: 420.7/6

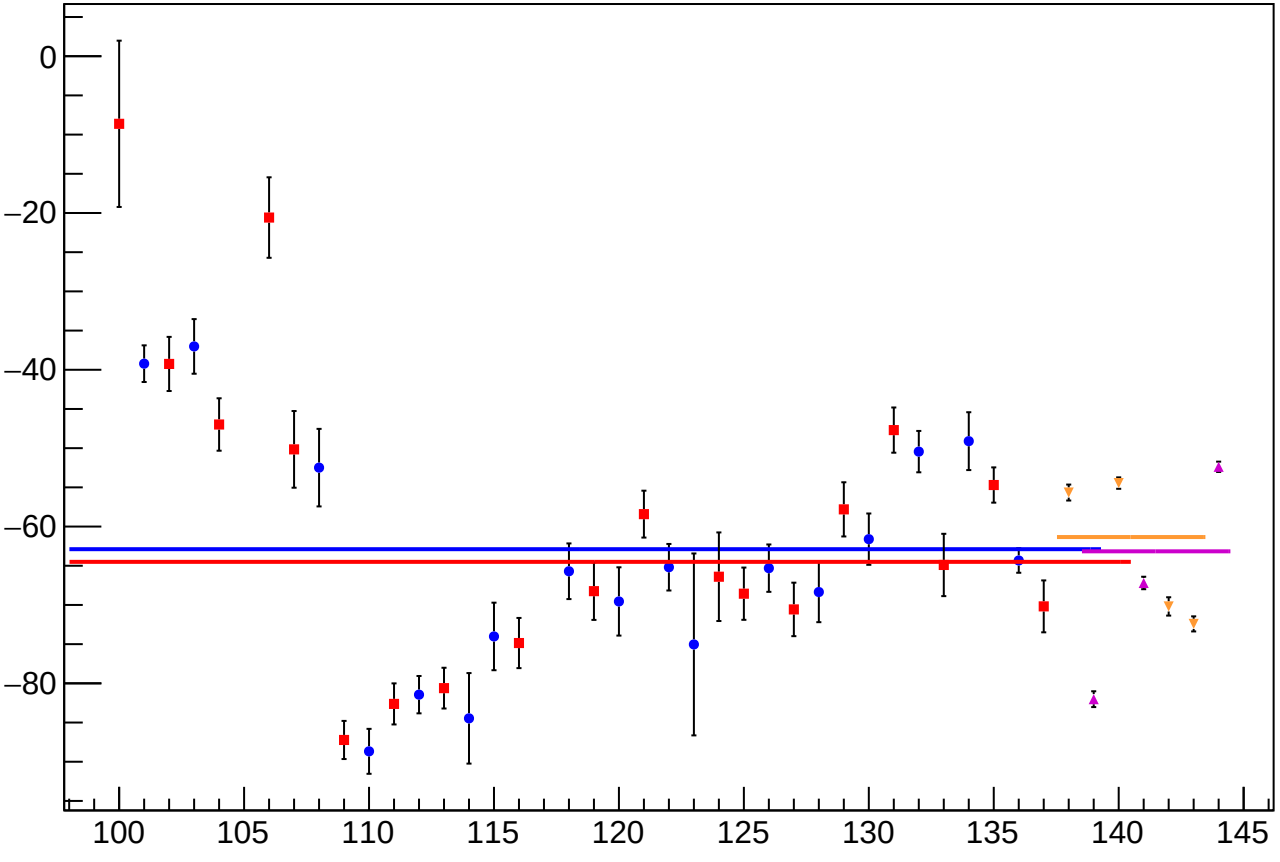
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -0.959+/-0.257 χ^2/NDF:396.9/19

Out: 0.315+/-0.261 χ^2/NDF:827.4/22

All: -0.332+/-0.183 χ^2/NDF: 1236.4/42

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: -61.338+/-0.463 χ^2/NDF:309.9/3

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -63.160+/-0.453 χ^2/NDF:644.2/2

Left: -62.270+/-0.324 χ^2/NDF: 962.0/6

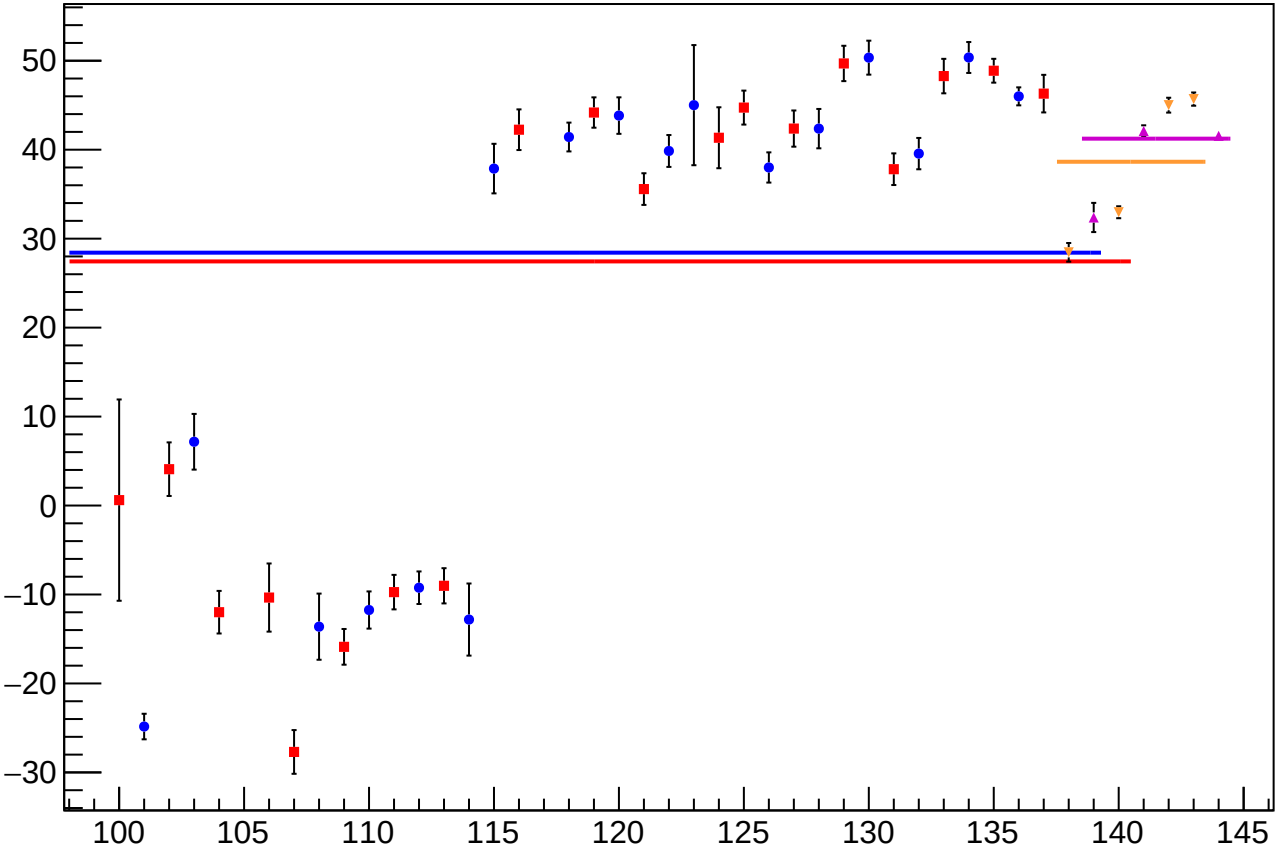
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -63.085+/-0.386 χ^2/NDF:1013.0/19

Out: -62.210+/-0.394 χ^2/NDF:766.8/22

All: -62.657+/-0.276 χ^2/NDF: 1782.3/42

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: 38.644+/-0.396 χ^2/NDF:313.5/3

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 41.240+/-0.391 χ^2/NDF:31.3/2

Left: 39.958+/-0.278 χ^2/NDF: 366.6/6

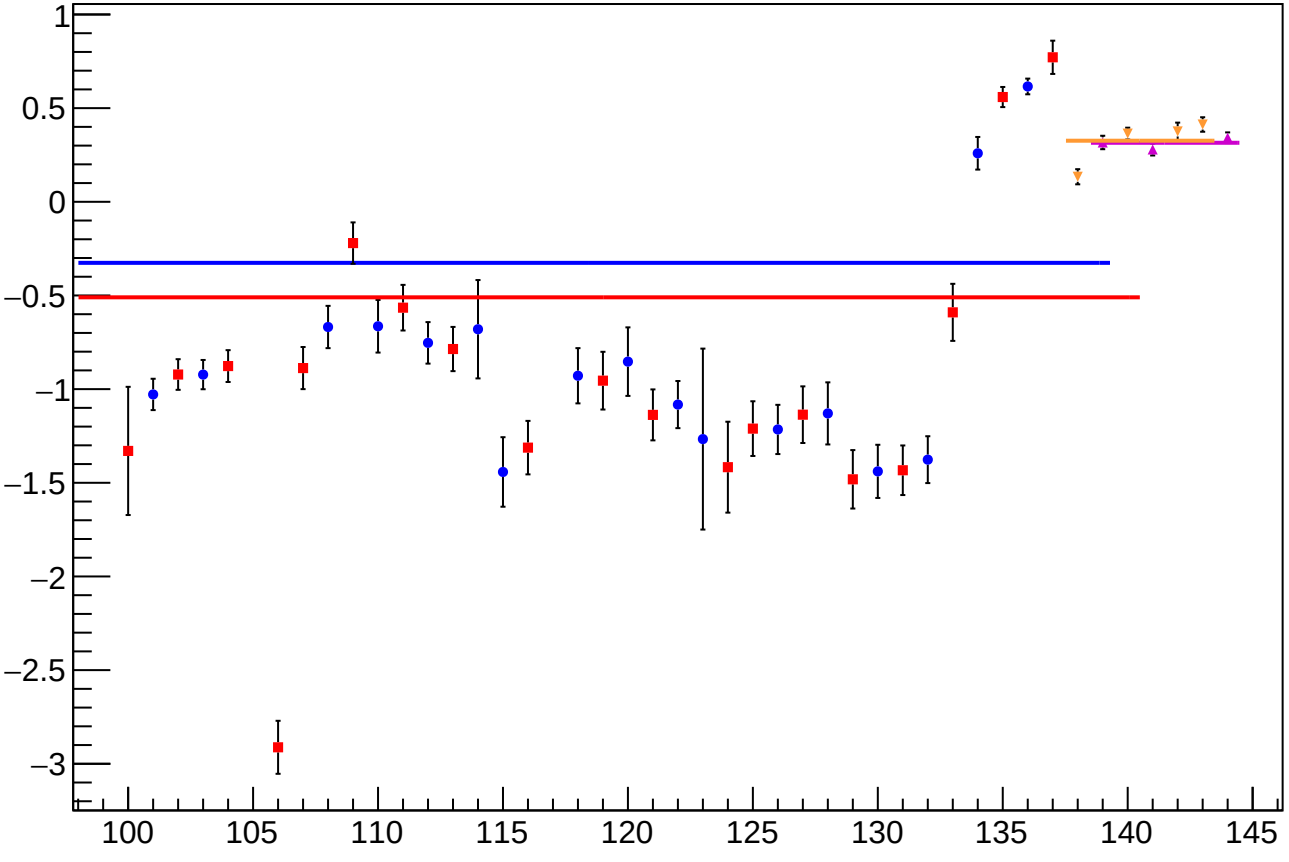
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 35.820+/-0.297 χ^2/NDF:3815.2/19

Out: 34.088+/-0.305 χ^2/NDF:3671.5/22

All: 34.977+/-0.213 χ^2/NDF: 7503.2/42

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: 0.326+/-0.019 χ^2/NDF:30.2/3

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.315+/-0.018 χ^2/NDF:2.1/2

Left: 0.320+/-0.013 χ^2/NDF: 32.5/6

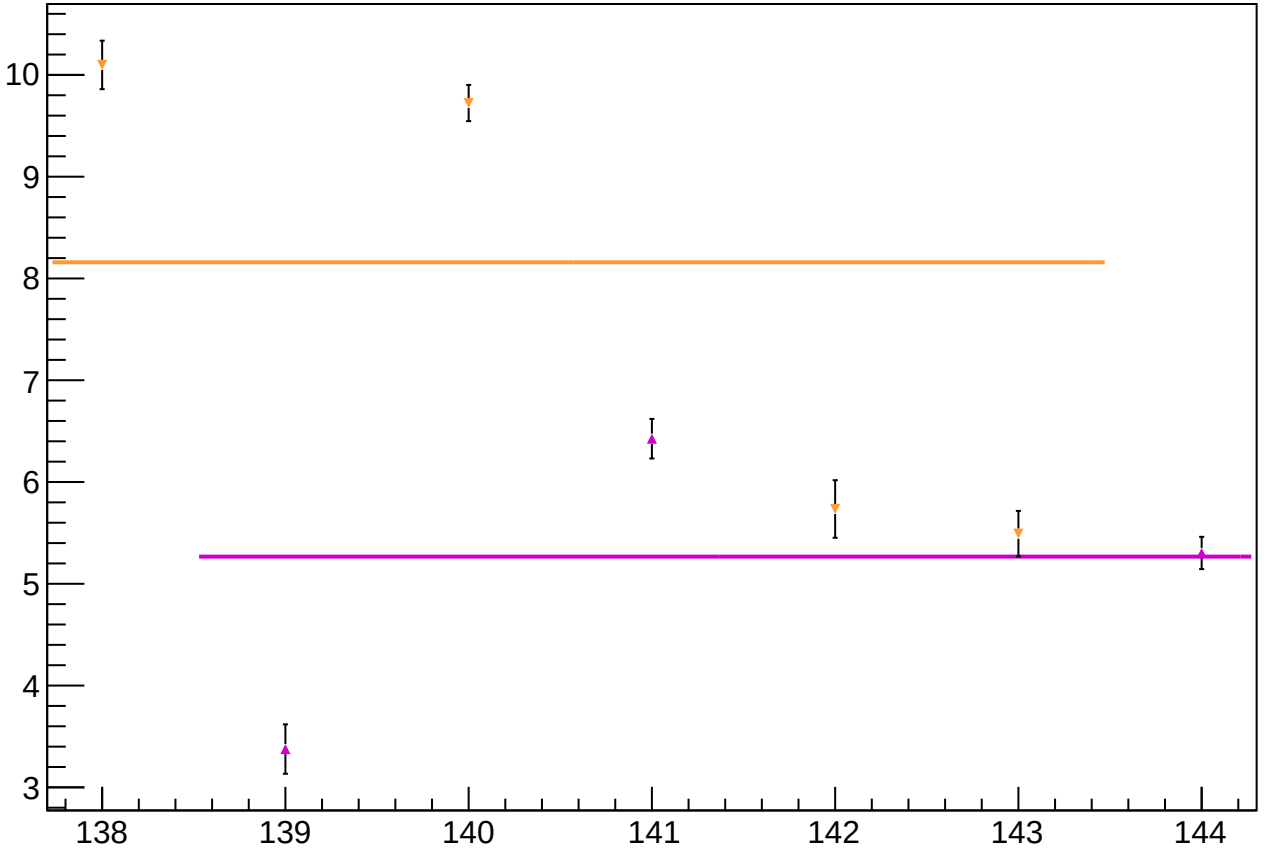
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.090+/-0.015 χ^2/NDF:1445.2/19

Out: 0.027+/-0.015 χ^2/NDF:1879.8/22

All: 0.060+/-0.011 χ^2/NDF: 3333.7/42

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: 8.159+/-0.111 χ^2/NDF:358.8/3

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

Left In: 5.267+/-0.110 χ^2/NDF:96.2/2

Left: 6.699+/-0.078 χ^2/NDF: 799.7/6

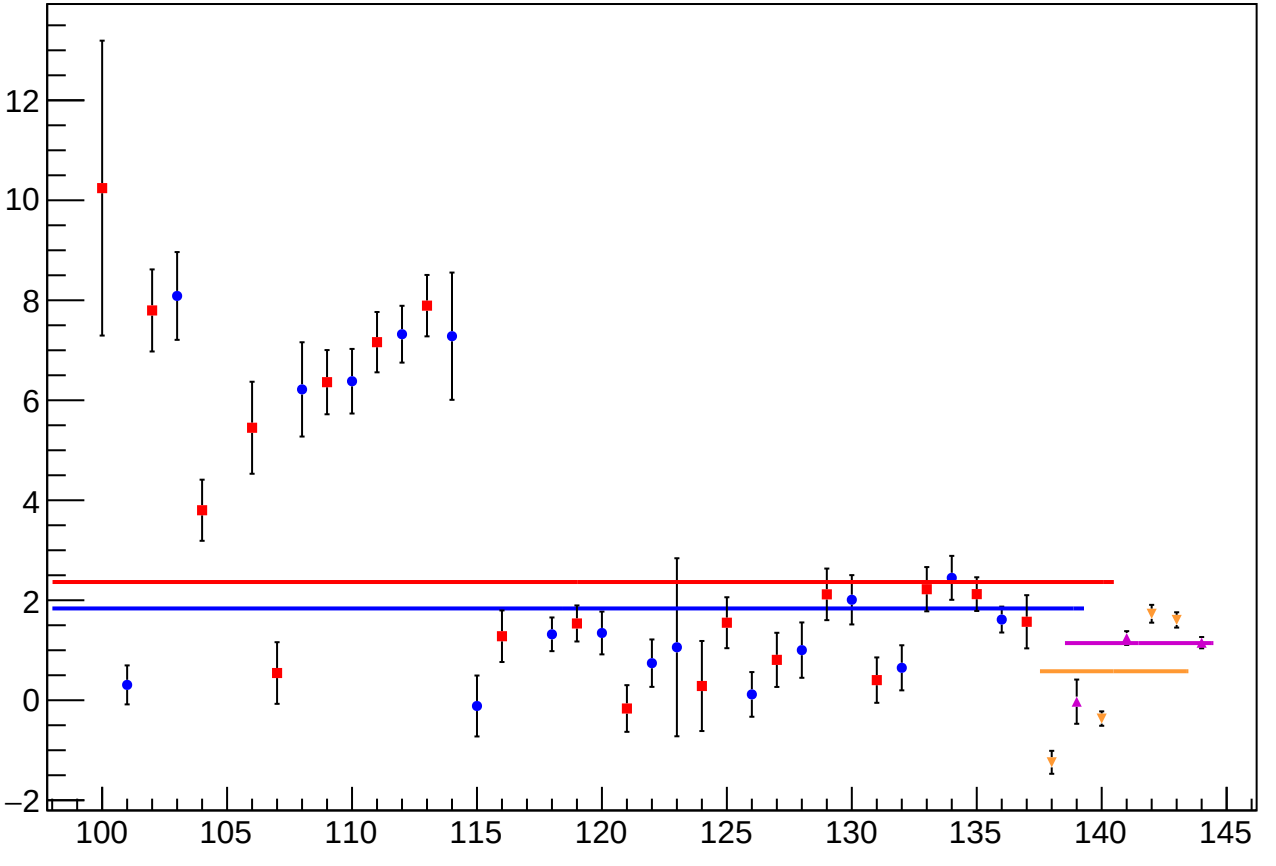
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.267+/-0.110 χ^2/NDF:96.2/2

Out: 8.159+/-0.111 χ^2/NDF:358.8/3

All: 6.699+/-0.078 χ^2/NDF: 799.7/6

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: 0.580+/-0.084 χ^2/NDF:192.6/3

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.143+/-0.086 χ^2/NDF:7.6/2

Left: 0.857+/-0.060 χ^2/NDF: 222.2/6

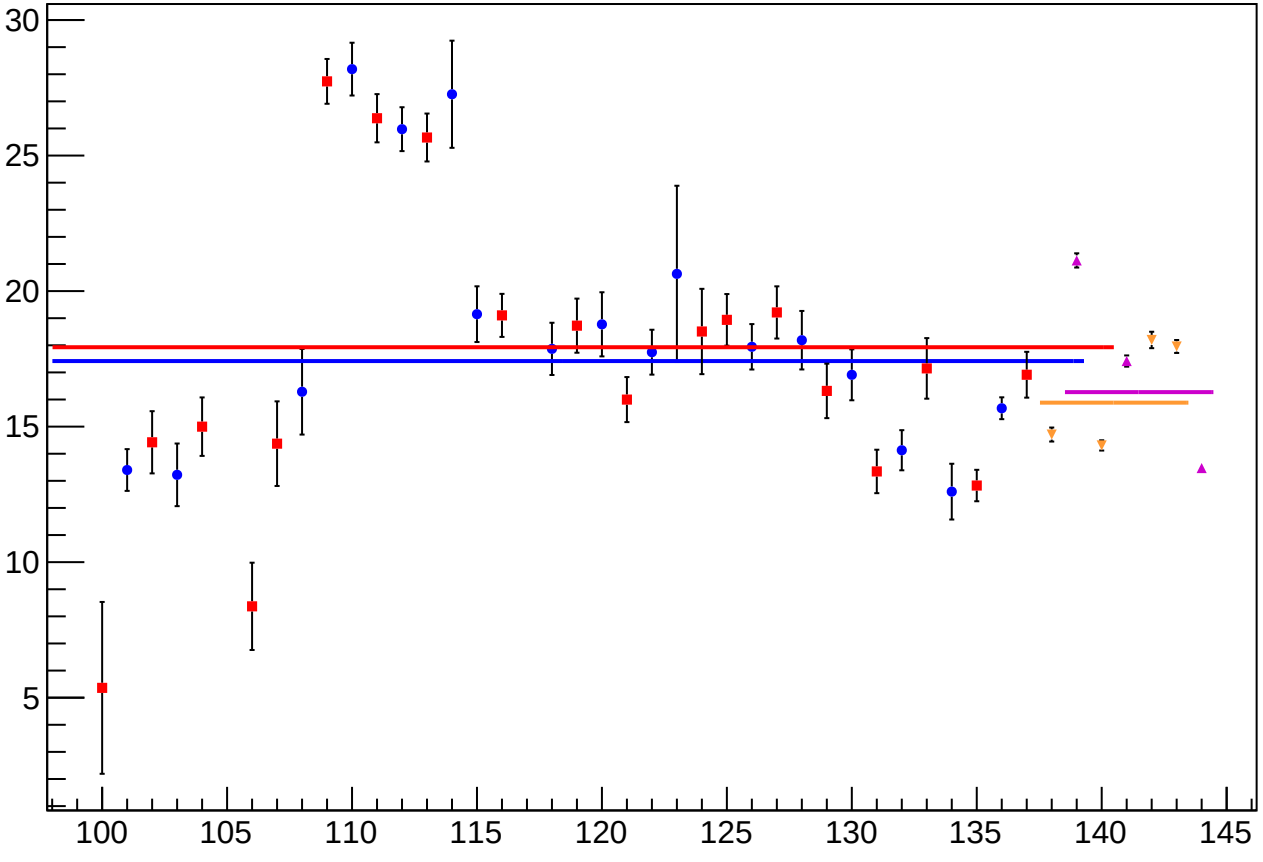
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.387+/-0.069 χ^2/NDF:325.5/19

Out: 1.151+/-0.069 χ^2/NDF:673.0/22

All: 1.270+/-0.049 χ^2/NDF: 1004.4/42

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: 15.884+/-0.118 χ^2/NDF:223.7/3

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 16.273+/-0.117 χ^2/NDF:645.9/2

Left: 16.080+/-0.083 χ^2/NDF: 875.0/6

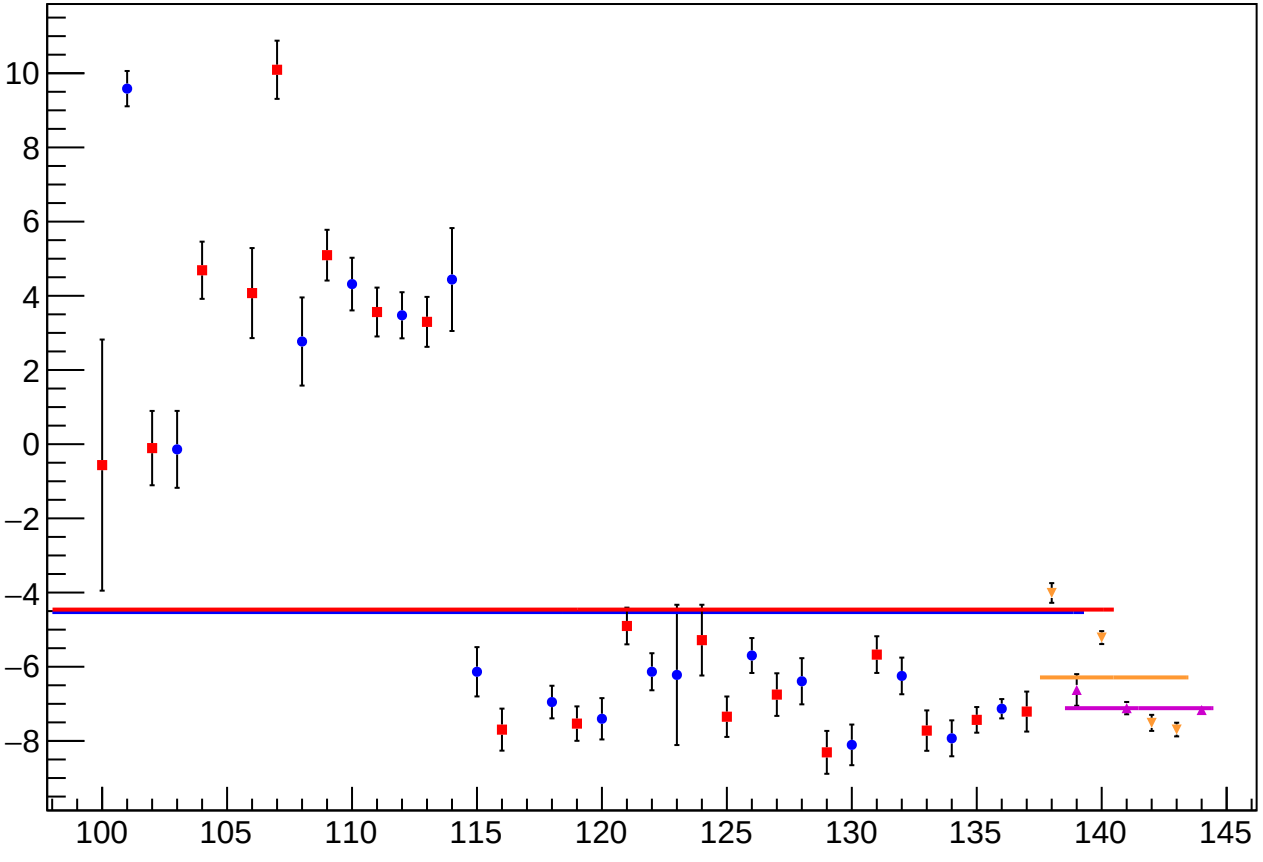
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 16.542+/-0.103 χ^2/NDF:1035.1/19

Out: 16.347+/-0.104 χ^2/NDF:797.5/22

All: 16.446+/-0.073 χ^2/NDF: 1834.4/42

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: -6.288+/-0.101 χ^2/NDF:201.5/3

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -7.117+/-0.101 χ^2/NDF:1.5/2

Left: -6.702+/-0.072 χ^2/NDF: 236.6/6

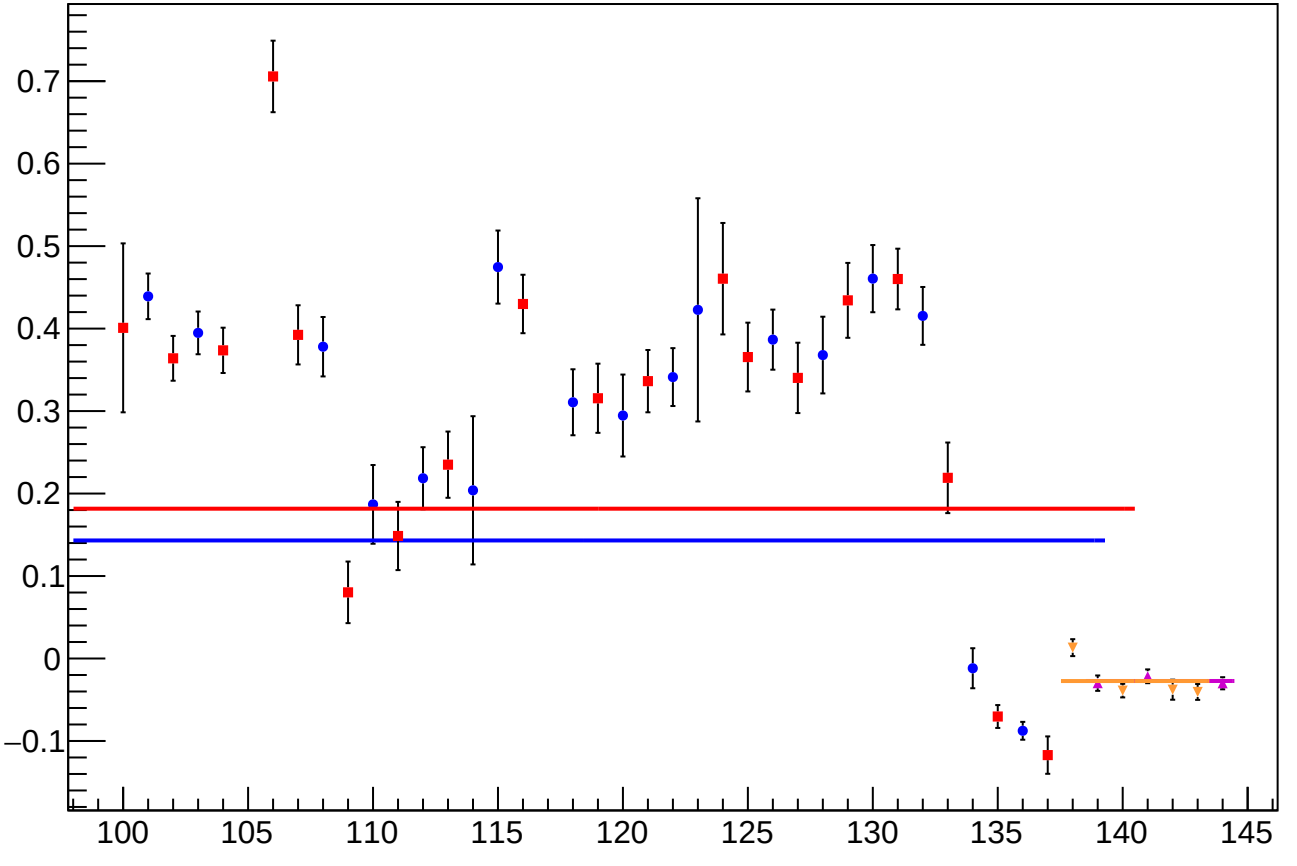
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.134+/-0.080 χ^2/NDF:1840.1/19

Out: -5.643+/-0.081 χ^2/NDF:1655.8/22

All: -5.893+/-0.057 χ^2/NDF: 3514.5/42

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: -0.027+/-0.005 χ^2/NDF:20.2/3

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.027+/-0.005 χ^2/NDF:0.7/2

Left: -0.027+/-0.003 χ^2/NDF: 20.8/6

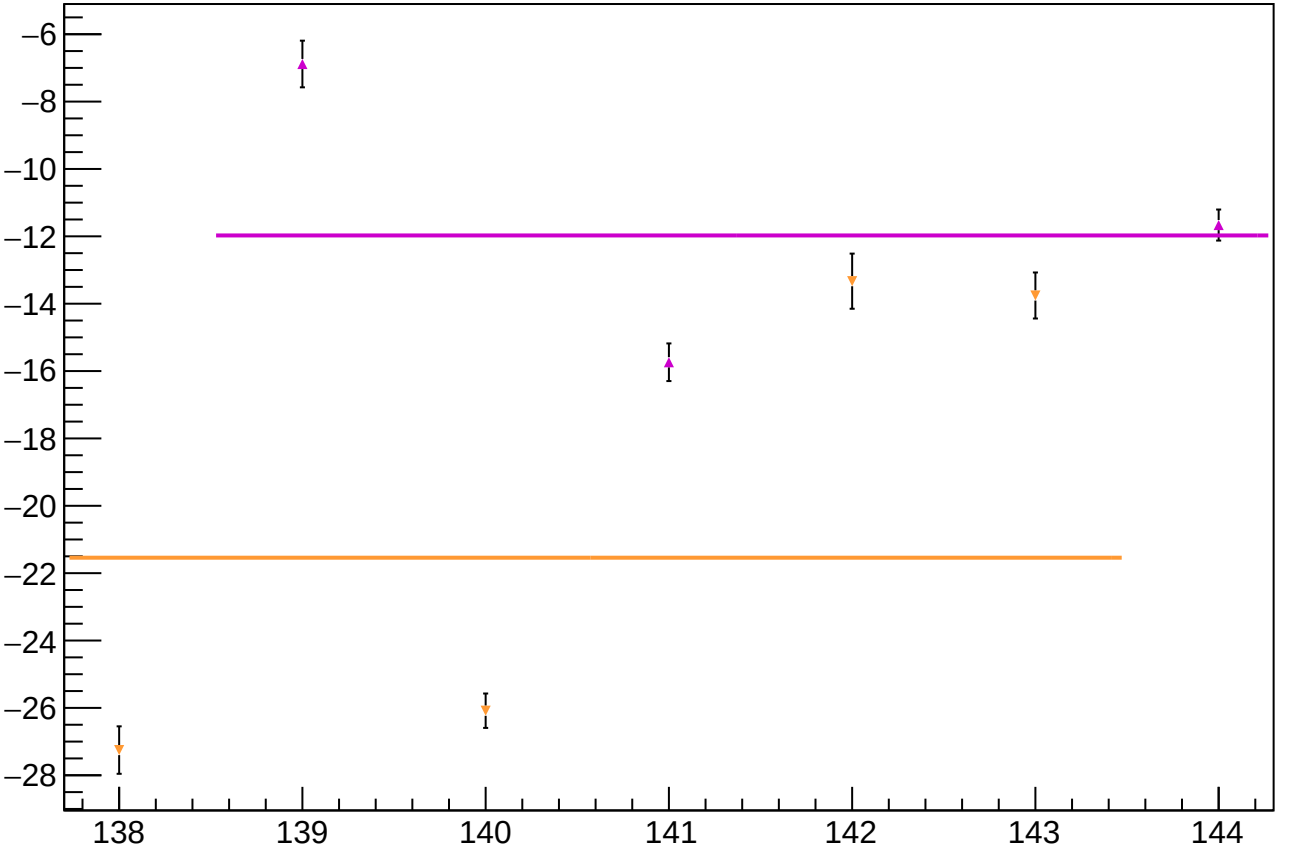
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.026+/-0.004 χ^2/NDF:1462.8/19

Out: 0.036+/-0.004 χ^2/NDF:1584.1/22

All: 0.031+/-0.003 χ^2/NDF: 3050.4/42

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: -21.541+/-0.325 χ^2/NDF:375.3/3

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

Left In: -11.974+/-0.316 χ^2/NDF:99.8/2

Left: -16.632+/-0.227 χ^2/NDF: 920.6/6

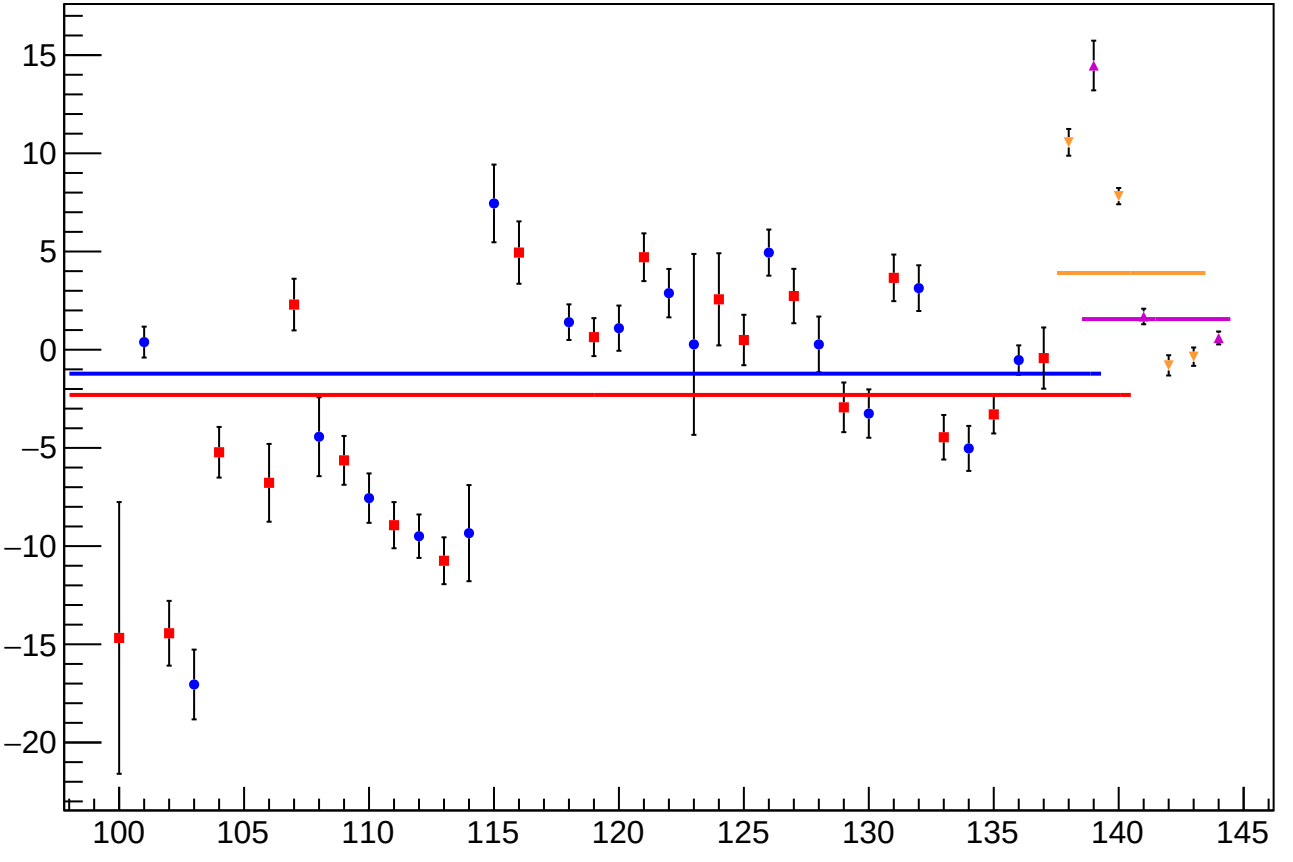
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.974+/-0.316 χ^2/NDF:99.8/2

Out: -21.541+/-0.325 χ^2/NDF:375.3/3

All: -16.632+/-0.227 χ^2/NDF: 920.6/6

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: 3.907+/-0.248 χ^2/NDF:350.9/3

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 1.560+/-0.248 χ^2/NDF:112.9/2

Left: 2.735+/-0.175 χ^2/NDF: 508.6/6

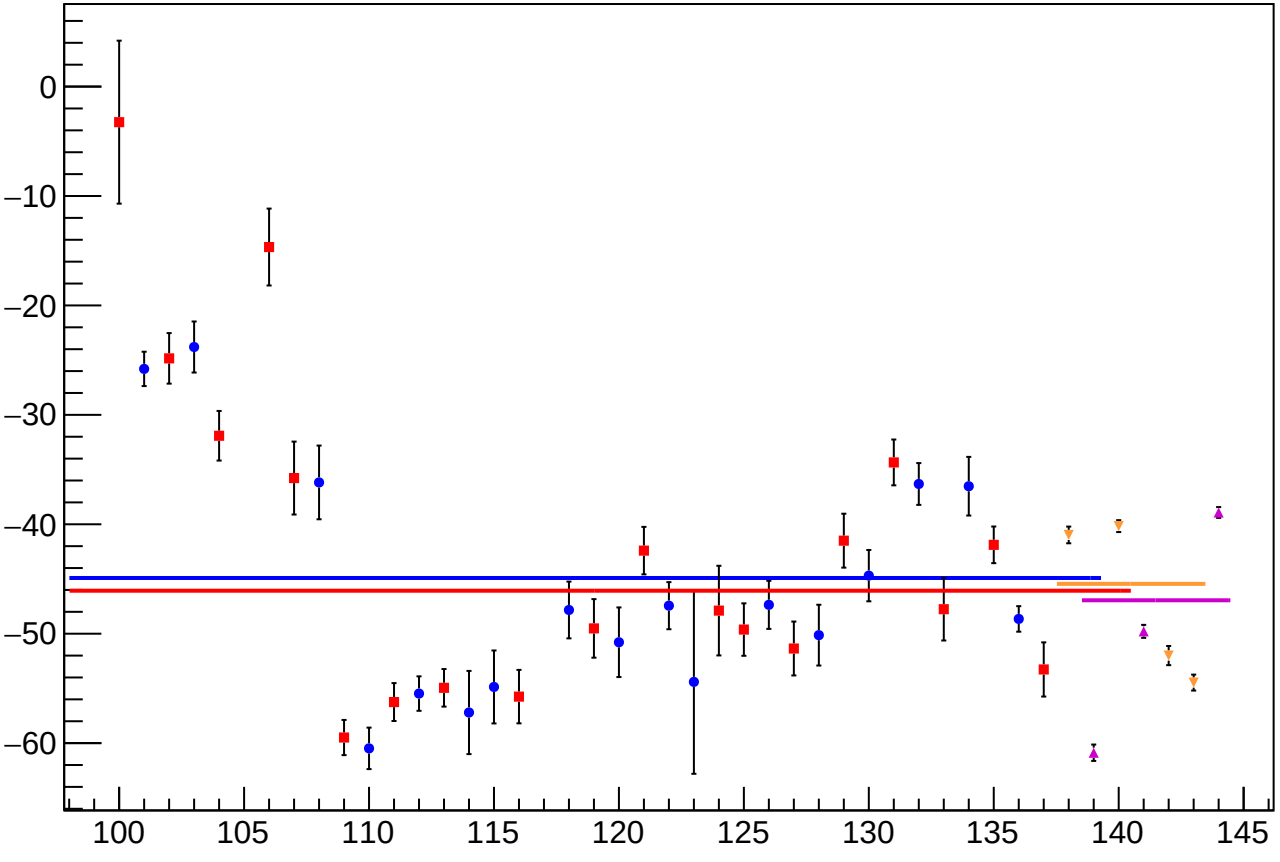
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: 0.386+/-0.188 χ^2/NDF:444.6/19

Out: 1.415+/-0.192 χ^2/NDF:889.4/22

All: 0.892+/-0.134 χ^2/NDF: 1348.7/42

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: -45.444+/-0.347 χ^2/NDF:337.6/3

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -46.946+/-0.339 χ^2/NDF:633.3/2

Left: -46.215+/-0.243 χ^2/NDF: 980.5/6

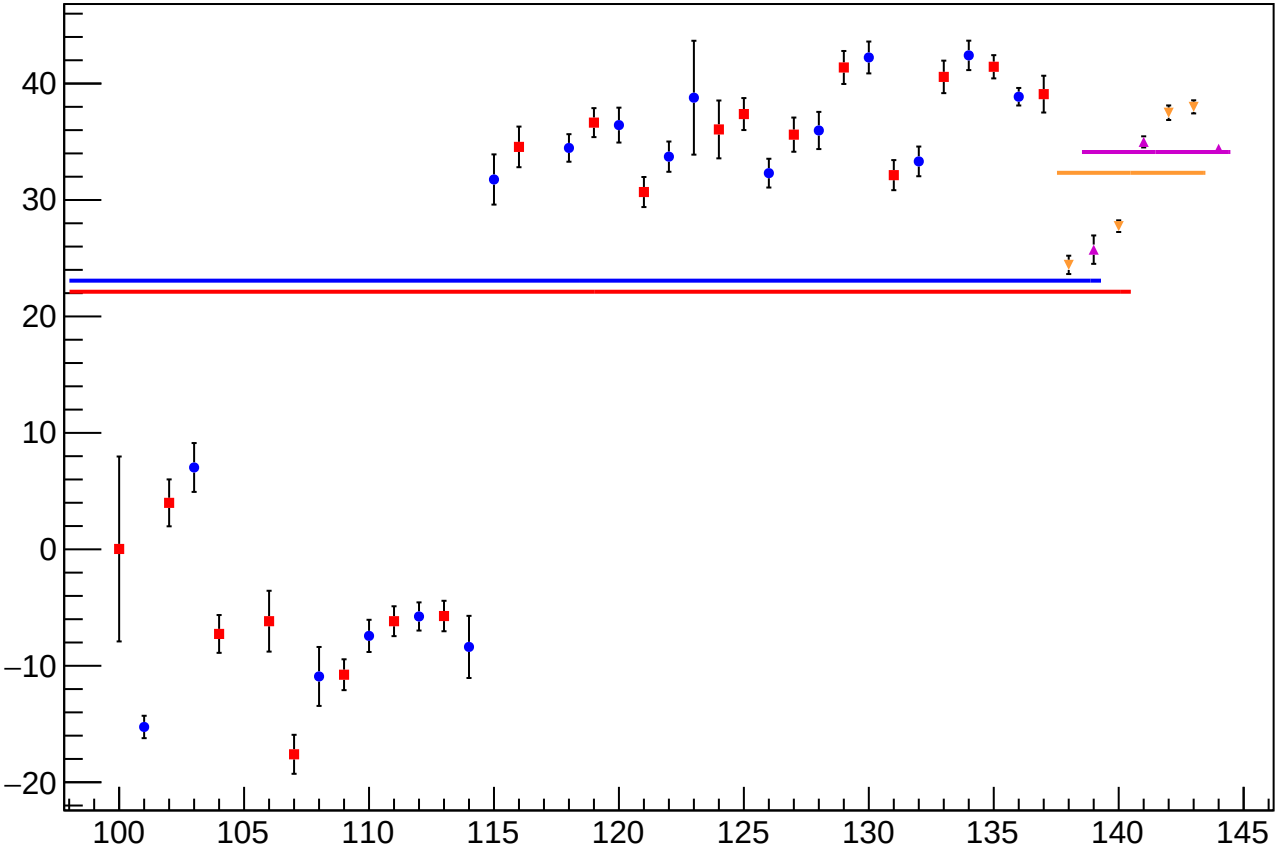
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -46.343+/-0.284 χ^2/NDF:1065.2/19

Out: -45.633+/-0.290 χ^2/NDF:792.6/22

All: -45.996+/-0.203 χ^2/NDF: 1860.8/42

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: 32.334+/-0.297 χ^2/NDF:353.7/3

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 34.121+/-0.293 χ^2/NDF:51.1/2

Left: 33.241+/-0.209 χ^2/NDF: 423.2/6

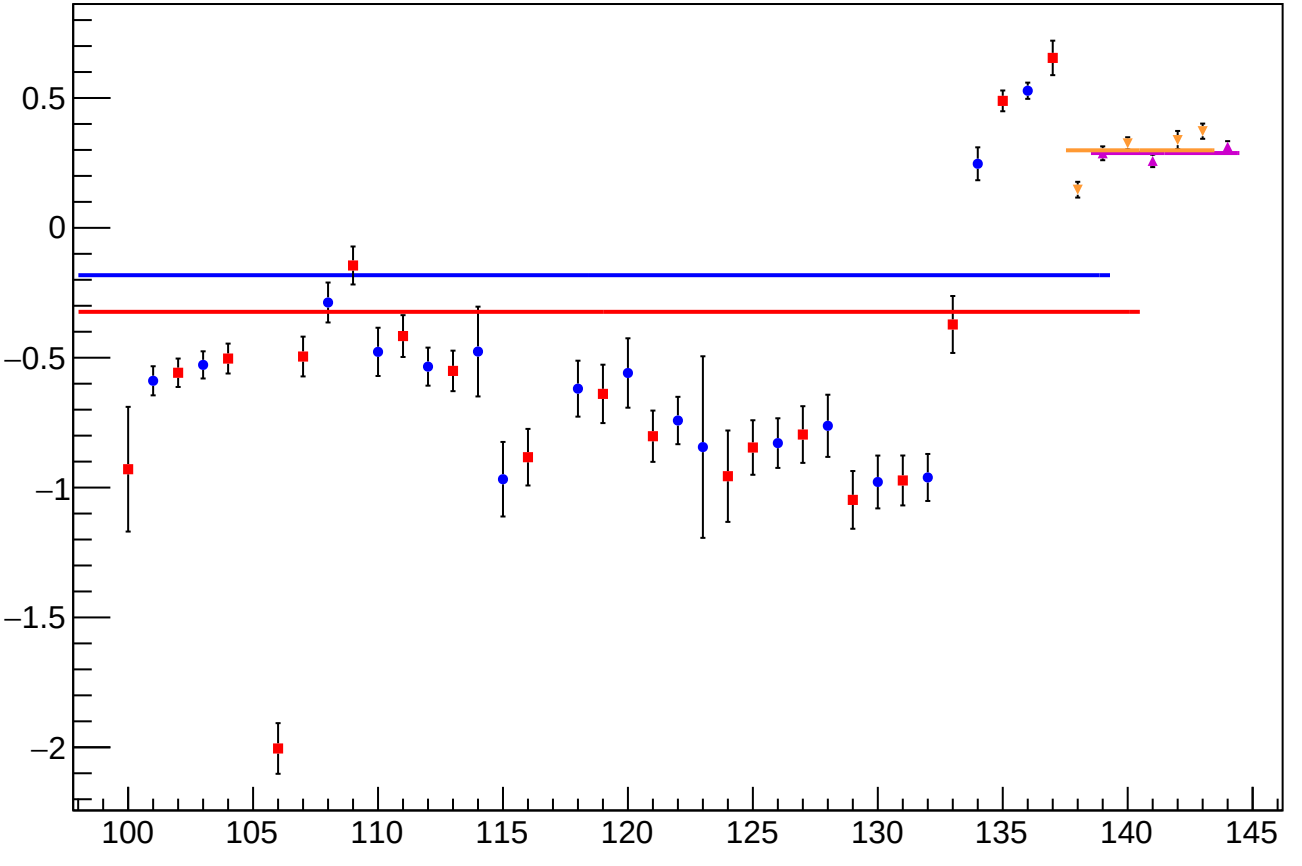
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 29.185+/-0.218 χ^2/NDF:5032.4/19

Out: 27.906+/-0.224 χ^2/NDF:4899.4/22

All: 28.562+/-0.156 χ^2/NDF: 9948.6/42

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: 0.299+/-0.014 χ^2/NDF:33.9/3

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.288+/-0.014 χ^2/NDF:2.9/2

Left: 0.293+/-0.010 χ^2/NDF: 37.1/6

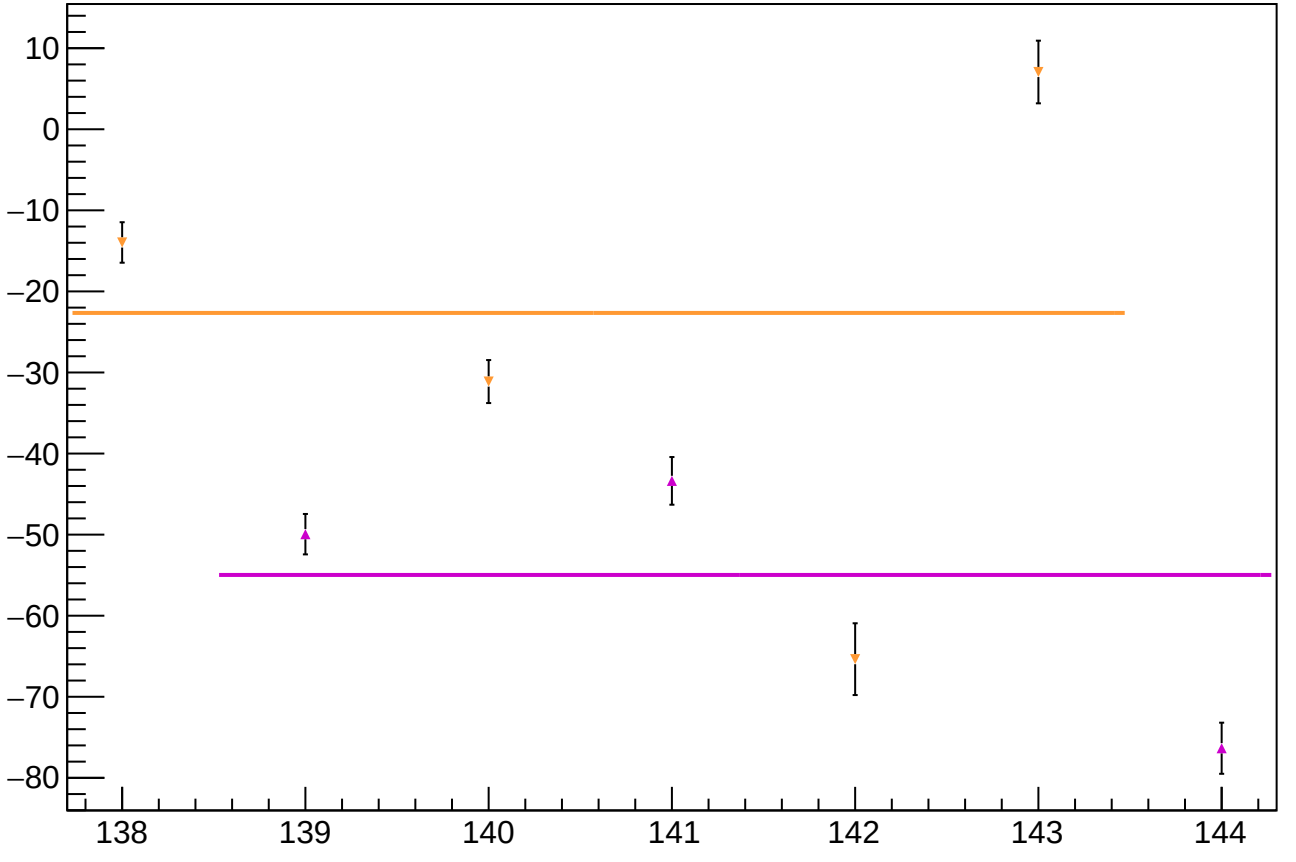
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.112+/-0.011 χ^2/NDF:1442.2/19

Out: 0.059+/-0.011 χ^2/NDF:1939.6/22

All: 0.087+/-0.008 χ^2/NDF: 3393.4/42

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -22.654+/-1.542 χ^2/NDF:174.5/3

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

Left In: -54.973+/-1.628 χ^2/NDF:65.6/2

Left: -37.938+/-1.120 χ^2/NDF: 447.8/6

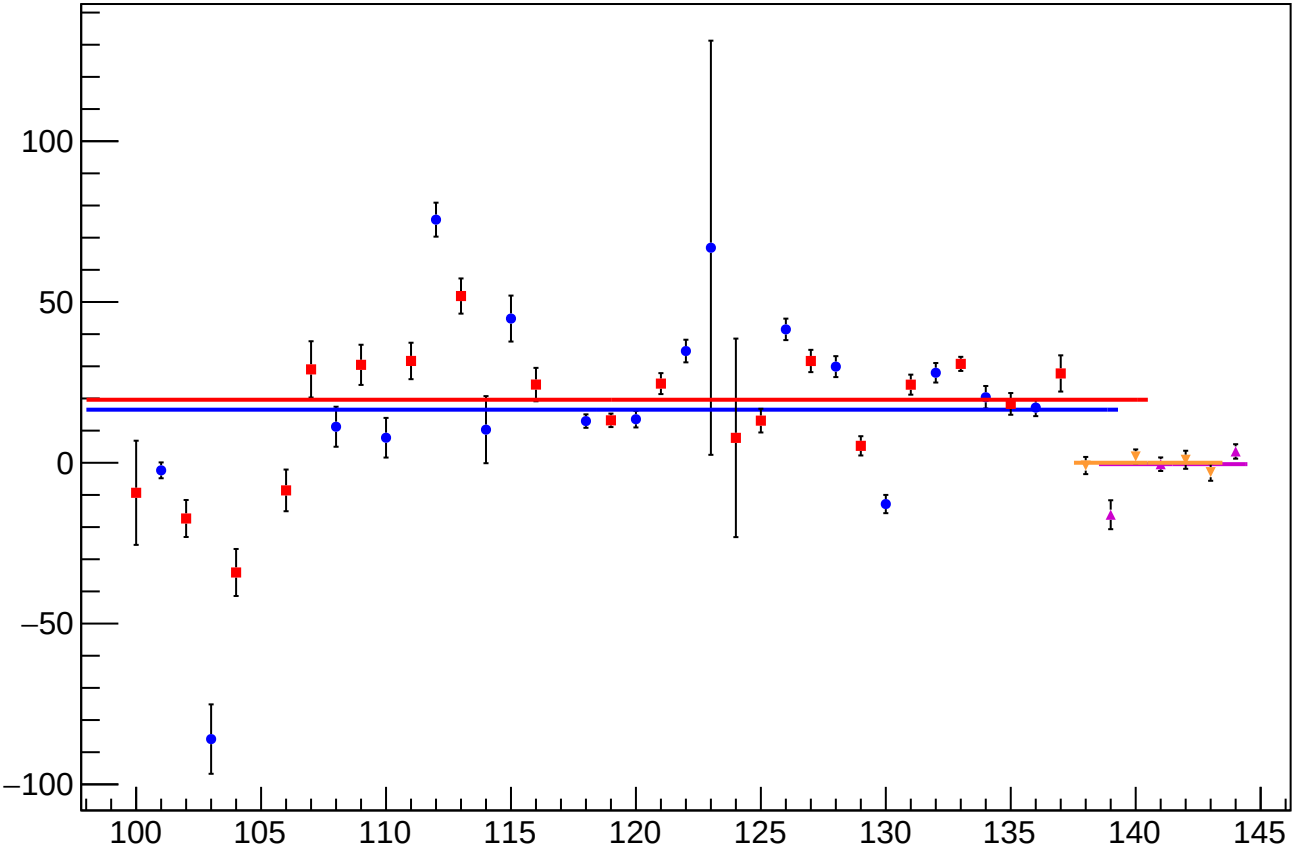
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -54.973+/-1.628 χ^2/NDF:65.6/2

Out: -22.654+/-1.542 χ^2/NDF:174.5/3

All: -37.938+/-1.120 χ^2/NDF: 447.8/6

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 0.011+/-1.276 χ^2/NDF:2.2/3

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: -0.424+/-1.455 χ^2/NDF:15.3/2

Left: -0.178+/-0.959 χ^2/NDF: 17.6/6

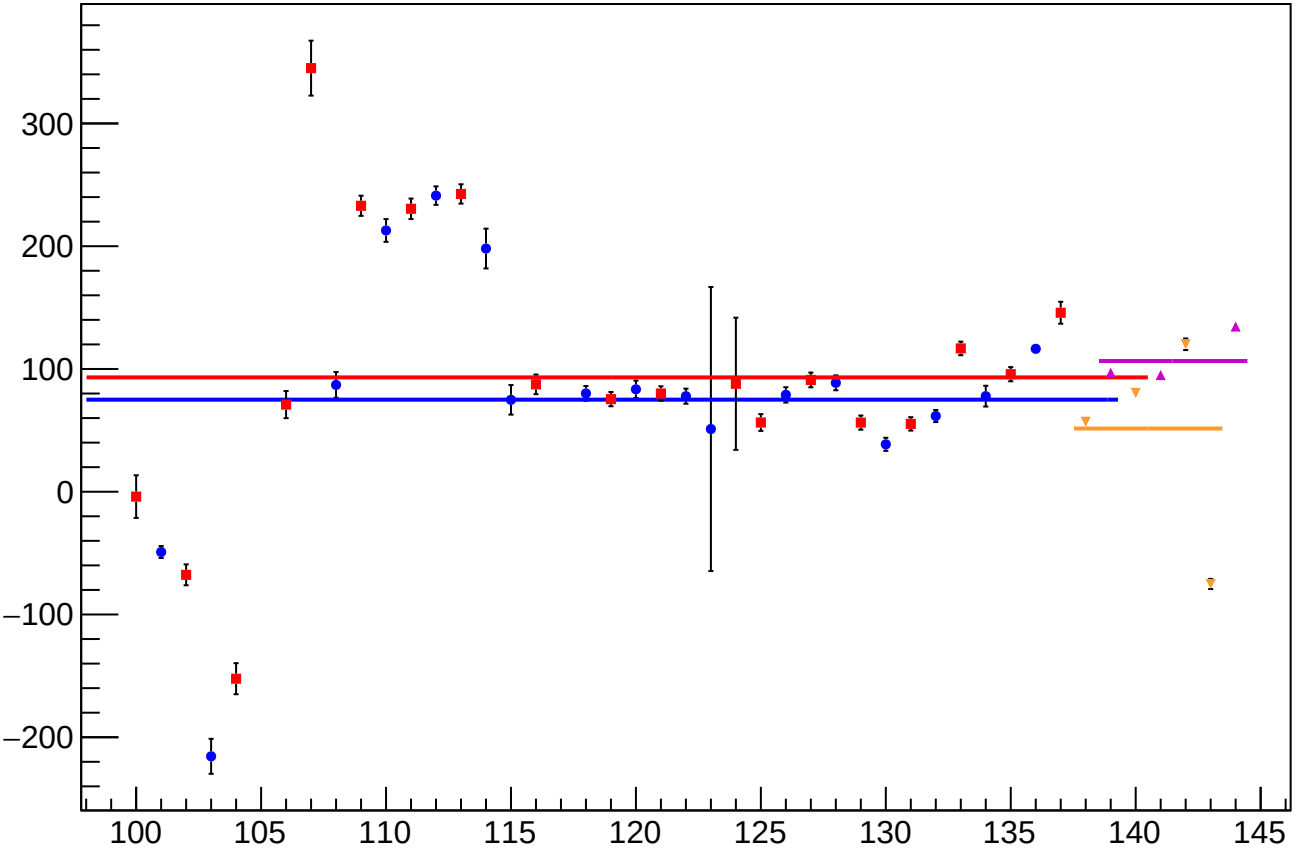
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 12.222+/-0.732 χ^2/NDF:636.1/19

Out: 13.108+/-0.734 χ^2/NDF:401.9/22

All: 12.664+/-0.519 χ^2/NDF: 1038.7/42

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 51.503+/-1.656 χ^2/NDF:1261.0/3

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 106.483+/-1.747 χ^2/NDF:95.3/2

Left: 77.518+/-1.202 χ^2/NDF: 1878.0/6

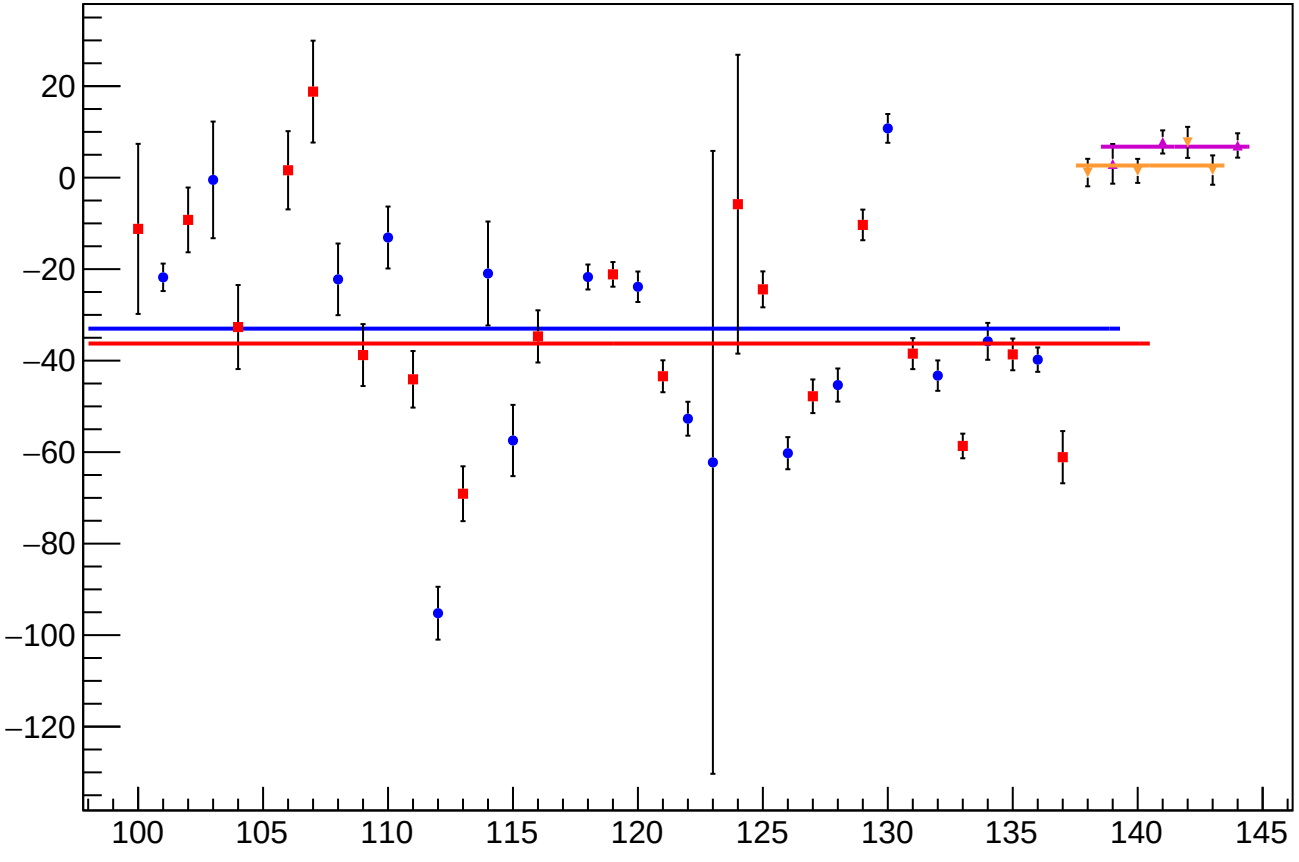
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 89.712+/-1.194 χ^2/NDF:2267.5/19

Out: 71.638+/-1.190 χ^2/NDF:3569.1/22

All: 80.643+/-0.843 χ^2/NDF: 5951.6/42

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: 2.655+/-1.508 χ^2/NDF:2.8/3

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: 6.766+/-1.689 χ^2/NDF:0.9/2

Left: 4.479+/-1.125 χ^2/NDF: 7.0/6

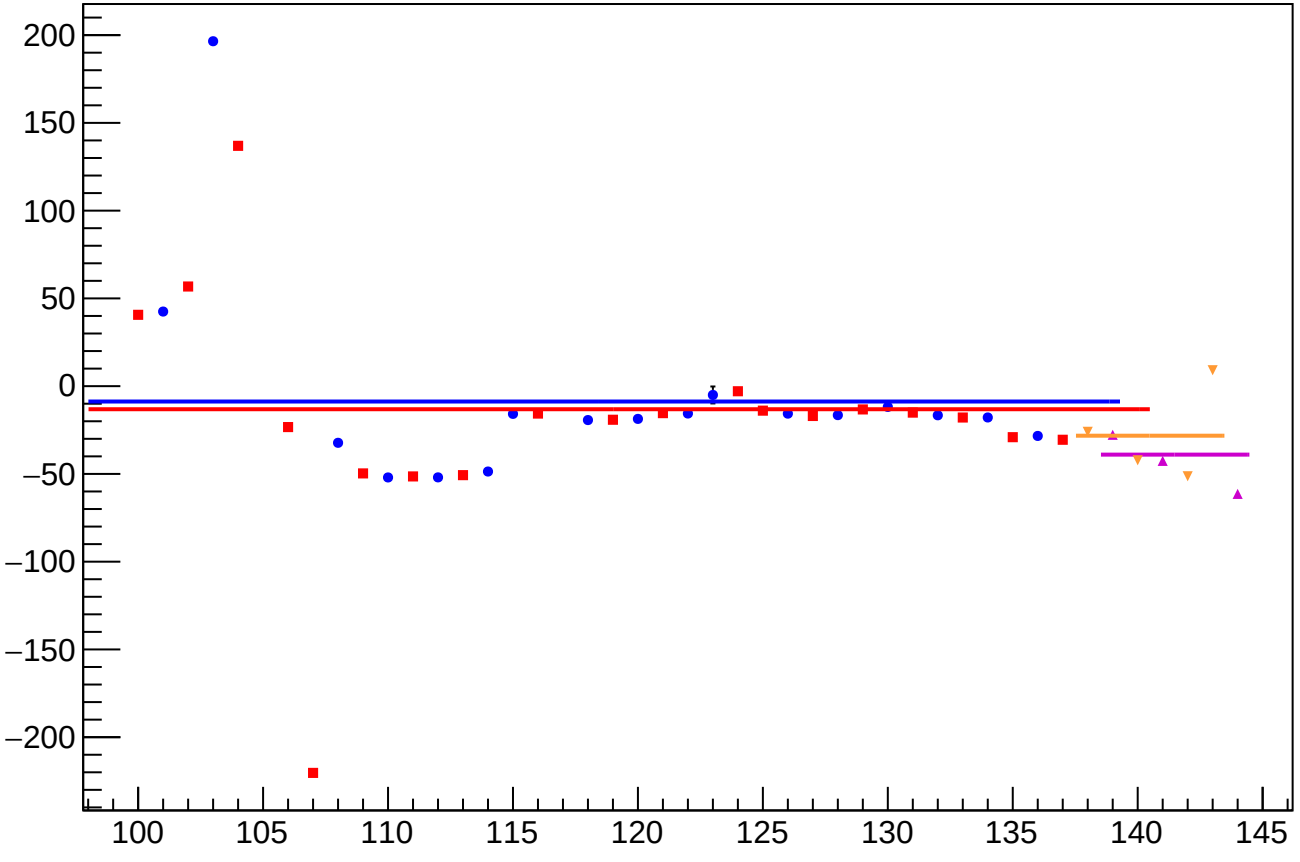
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -23.113+/-0.842 χ^2/NDF:910.6/19

Out: -23.961+/-0.848 χ^2/NDF:755.1/22

All: -23.534+/-0.598 χ^2/NDF: 1666.2/42

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -28.224+/-0.067 χ^2/NDF:79361.1/3

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -39.009+/-0.068 χ^2/NDF:37832.3/2

Left: -33.599+/-0.048 χ^2/NDF: 129991.6/6

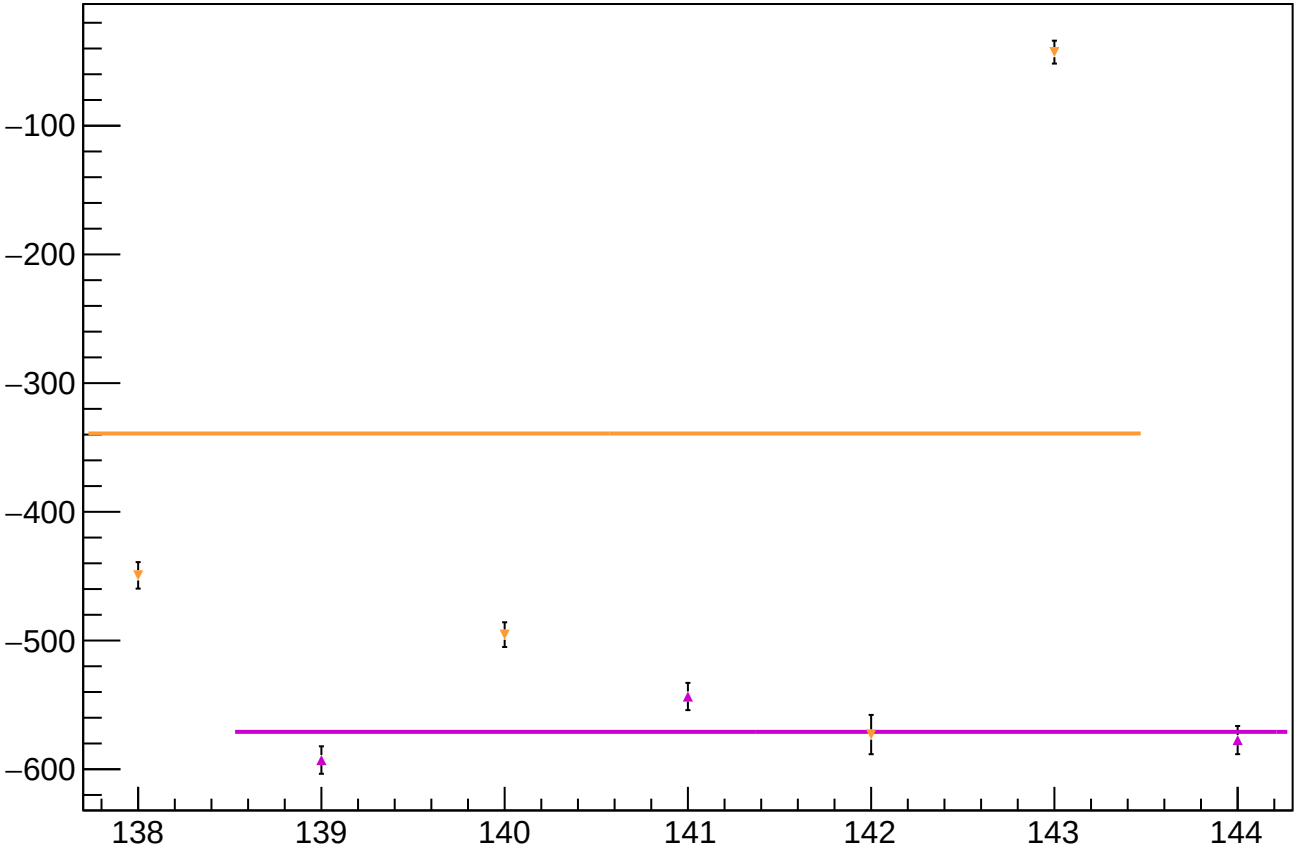
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -21.802+/-0.044 χ^2/NDF:728040.8/19

Out: -20.034+/-0.045 χ^2/NDF:665258.9/22

All: -20.940+/-0.032 χ^2/NDF: 1394074.9/42

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -339.126+/-5.184 χ^2/NDF:1723.5/3

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

Left In: -570.963+/-6.197 χ^2/NDF:11.3/2

Left: -434.572+/-3.976 χ^2/NDF: 2558.3/6

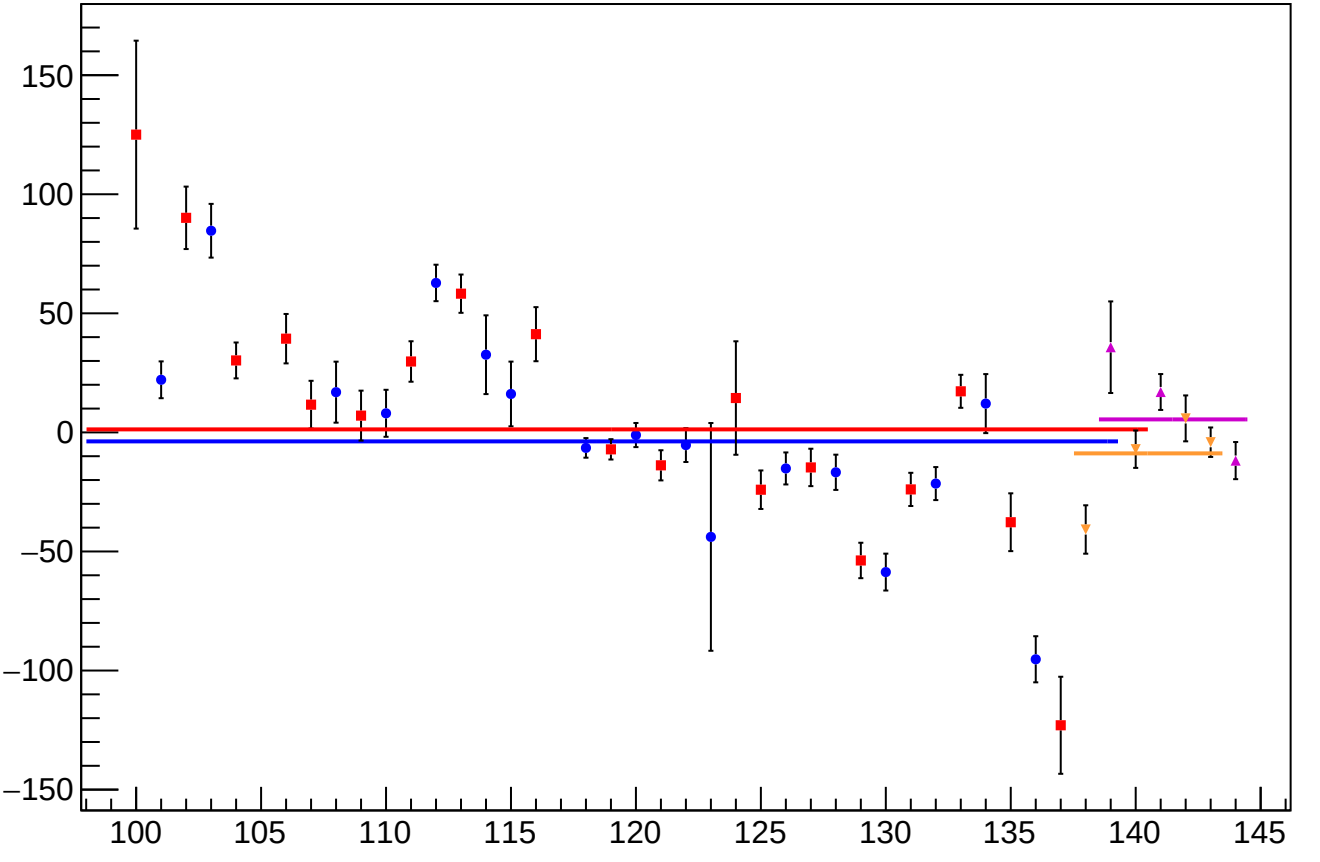
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -570.963+/-6.197 χ^2/NDF:11.3/2

Out: -339.126+/-5.184 χ^2/NDF:1723.5/3

All: -434.572+/-3.976 χ^2/NDF: 2558.3/6

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: -8.812+/-3.990 χ^2/NDF:12.8/3

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 5.456+/-5.215 χ^2/NDF:9.7/2

Left: -3.543+/-3.169 χ^2/NDF: 27.3/6

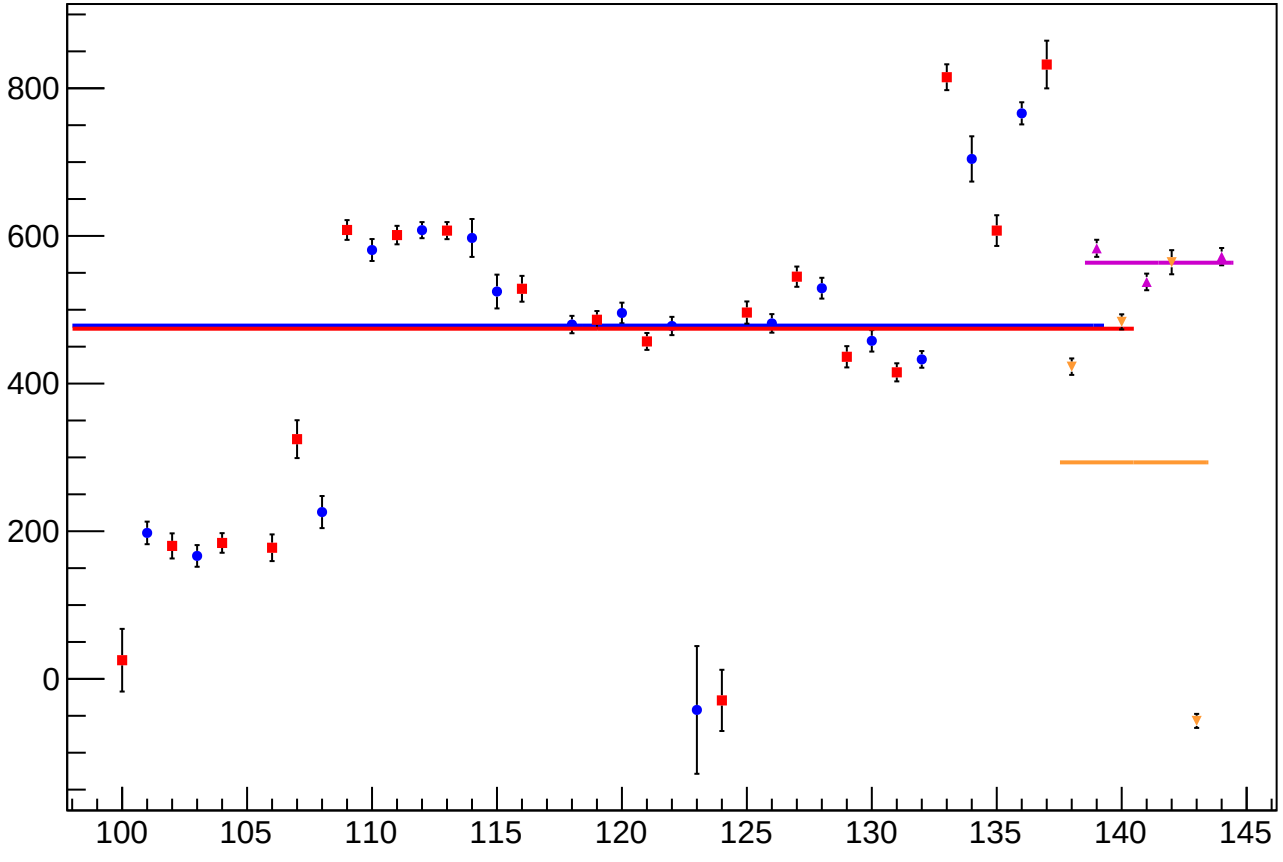
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: -2.703+/-1.776 χ^2/NDF:326.9/19

Out: -0.629+/-1.730 χ^2/NDF:321.8/22

All: -1.639+/-1.239 χ^2/NDF: 649.3/42

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 293.273+/-5.552 χ^2/NDF:2116.3/3

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 563.719+/-6.642 χ^2/NDF:8.7/2

Left: 404.520+/-4.260 χ^2/NDF: 3100.9/6

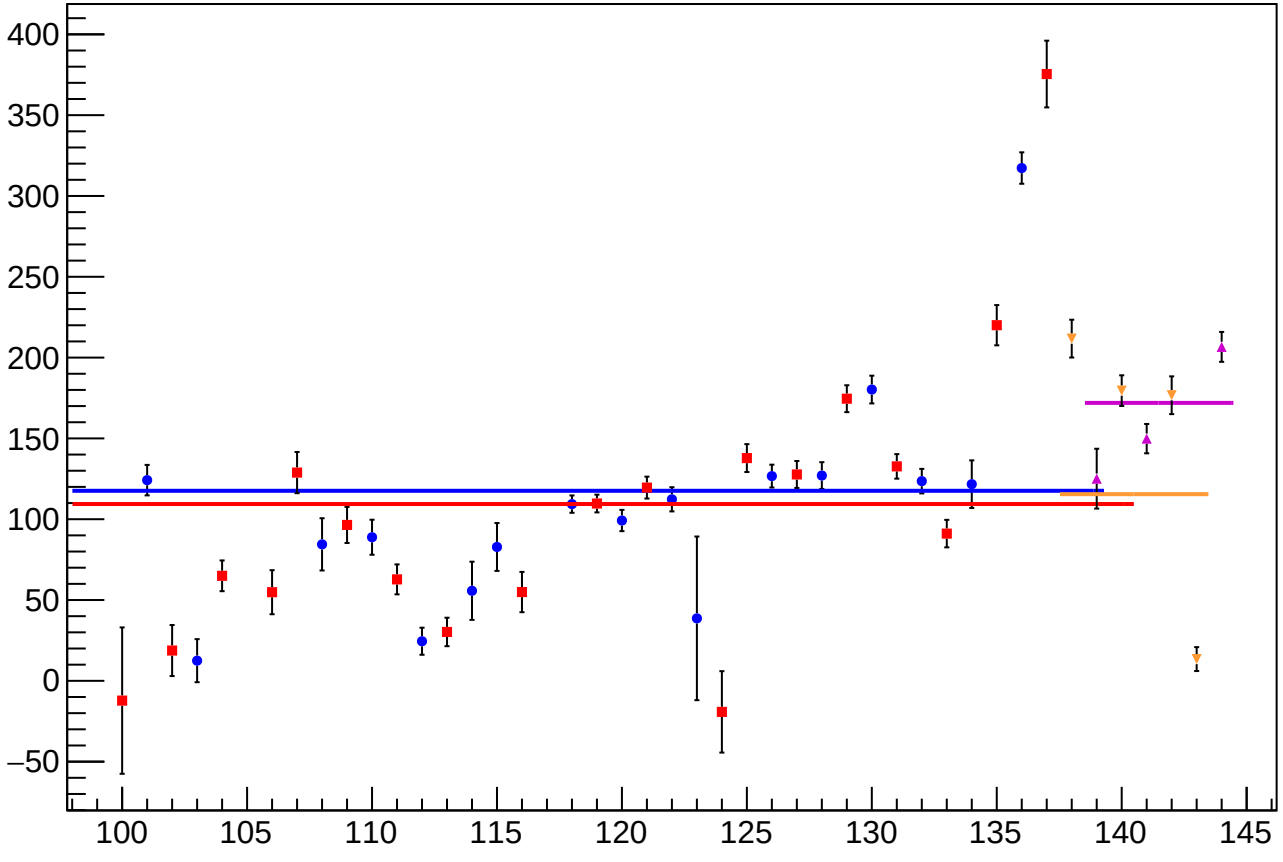
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 498.121+/-3.185 χ^2/NDF:1764.4/19

Out: 422.154+/-2.981 χ^2/NDF:5160.3/22

All: 457.616+/-2.176 χ^2/NDF: 7228.0/42

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 115.485+/-4.765 χ^2/NDF:331.2/3

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 171.972+/-6.115 χ^2/NDF:26.4/2

Left: 136.825+/-3.758 χ^2/NDF: 410.7/6

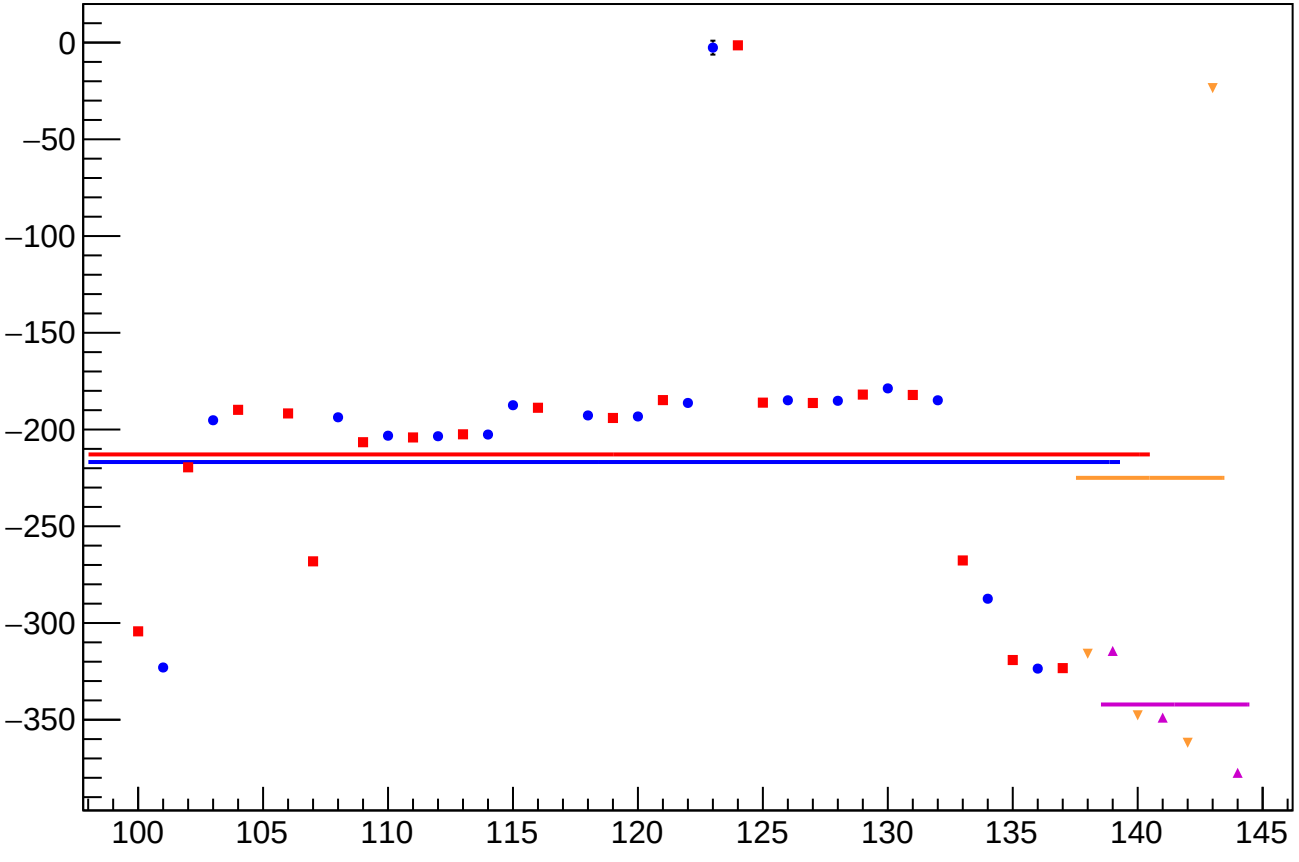
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 123.783+/-2.064 χ^2/NDF:803.4/19

Out: 110.477+/-2.005 χ^2/NDF:903.7/22

All: 116.935+/-1.438 χ^2/NDF: 1728.5/42

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -224.971+/-0.227 χ^2/NDF:441666.8/3

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -342.113+/-0.261 χ^2/NDF:9600.0/2

Left: -275.488+/-0.172 χ^2/NDF: 565646.0/6

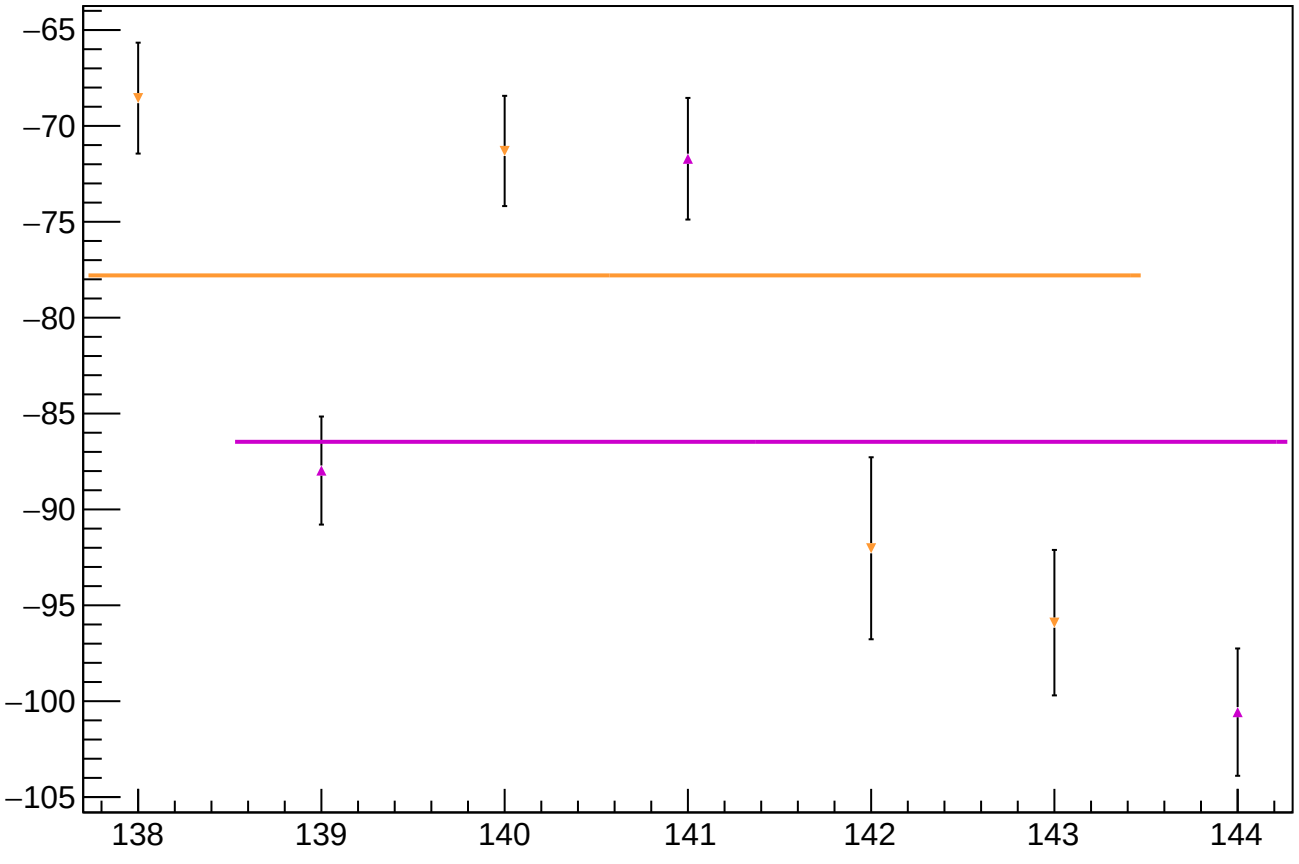
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -243.413+/-0.120 χ^2/NDF:337844.7/19

Out: -215.854+/-0.113 χ^2/NDF:560192.9/22

All: -228.758+/-0.082 χ^2/NDF: 925905.2/42

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -77.795+/-1.679 χ^2/NDF:47.1/3

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

Left In: -86.474+/-1.779 χ^2/NDF:40.0/2

Left: -81.886+/-1.221 χ^2/NDF: 99.7/6

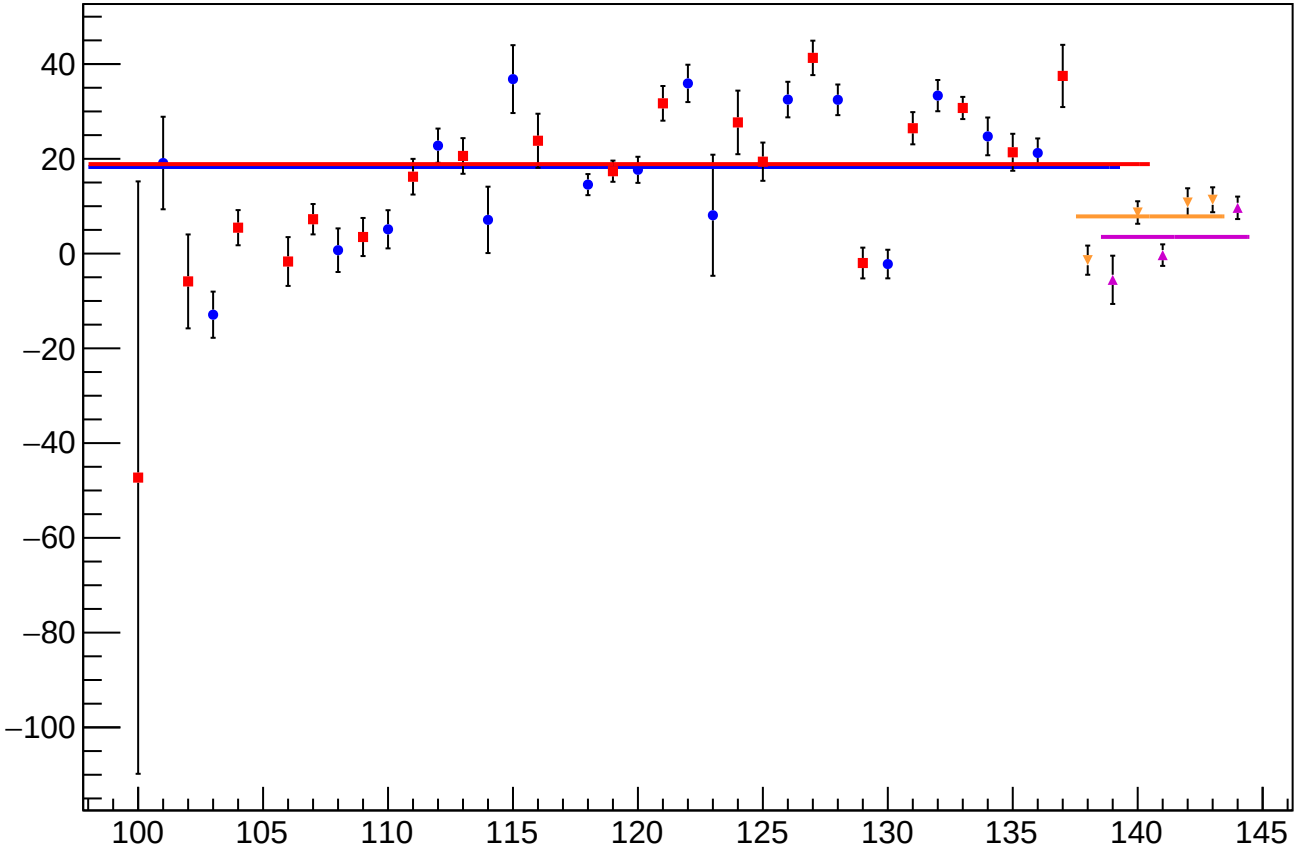
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -86.474+/-1.779 χ^2/NDF:40.0/2

Out: -77.795+/-1.679 χ^2/NDF:47.1/3

All: -81.886+/-1.221 χ^2/NDF: 99.7/6

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 7.848+/-1.364 χ^2/NDF:11.8/3

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 3.520+/-1.562 χ^2/NDF:12.7/2

Left: 5.975+/-1.027 χ^2/NDF: 28.9/6

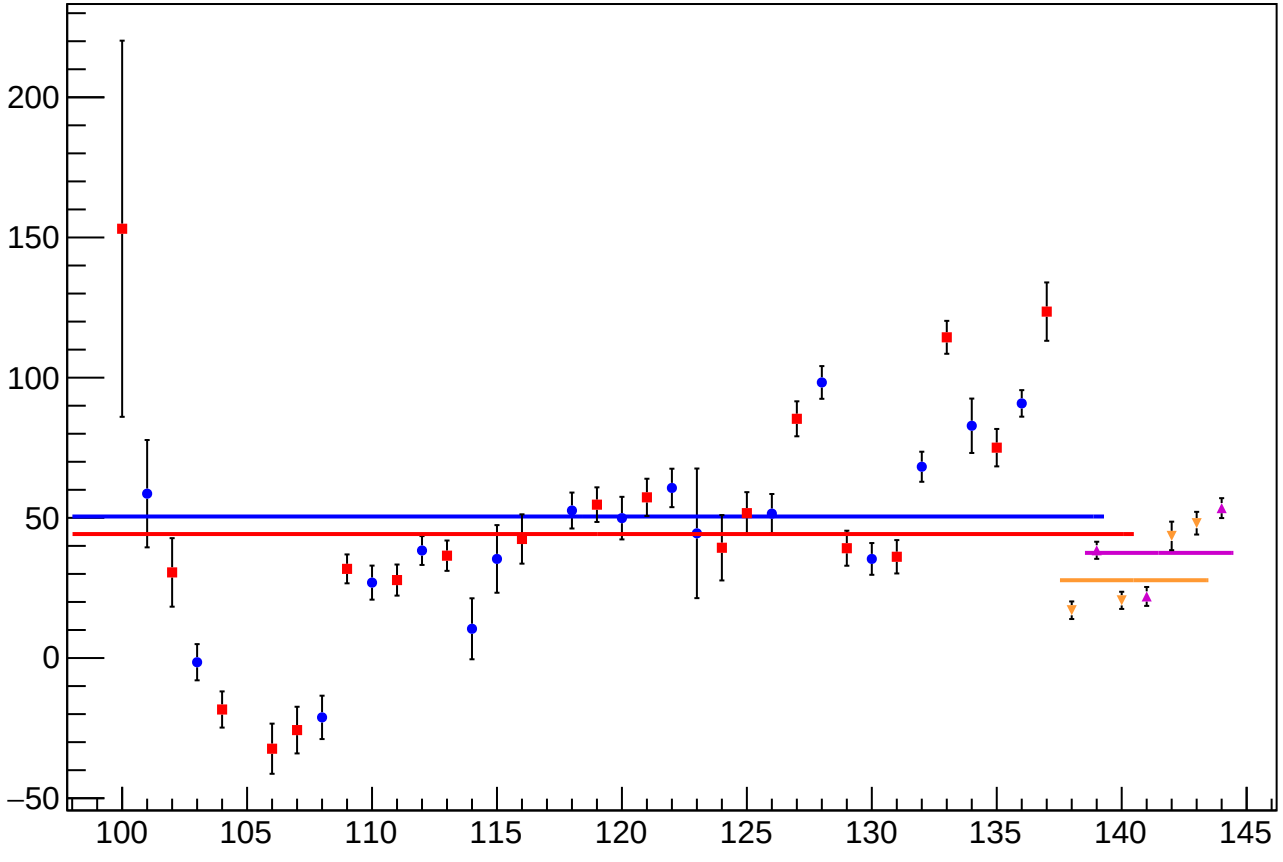
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 14.567+/-0.783 χ^2/NDF:284.1/19

Out: 15.721+/-0.730 χ^2/NDF:257.0/22

All: 15.185+/-0.534 χ^2/NDF: 542.2/42

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 27.752+/-1.802 χ^2/NDF:52.1/3

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: 37.506+/-1.908 χ^2/NDF:41.5/2

Left: 32.350+/-1.310 χ^2/NDF: 107.4/6

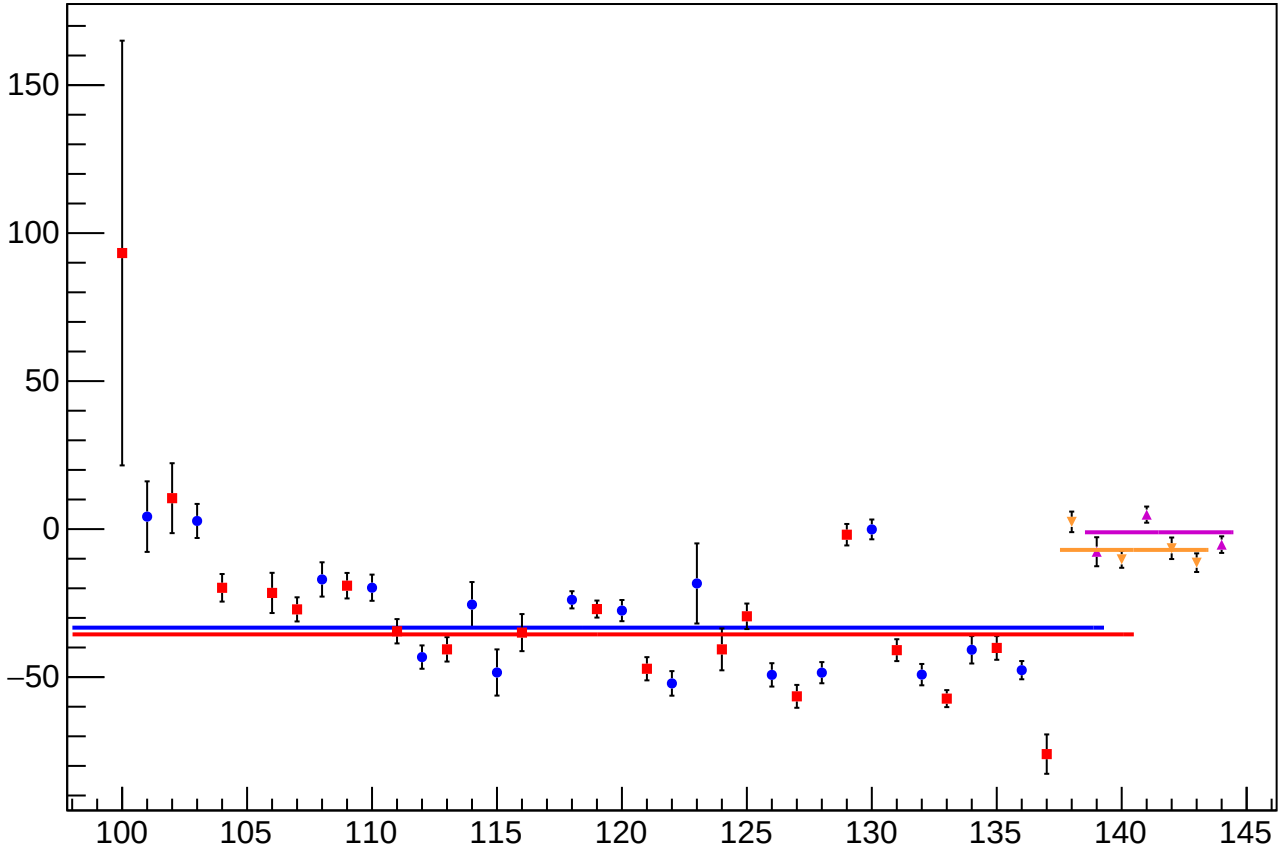
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 44.860+/-1.256 χ^2/NDF:425.6/19

Out: 36.947+/-1.197 χ^2/NDF:633.1/22

All: 40.715+/-0.867 χ^2/NDF: 1079.6/42

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -7.026+/-1.617 χ^2/NDF:10.6/3

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -1.075+/-1.817 χ^2/NDF:8.8/2

Left: -4.394+/-1.208 χ^2/NDF: 25.4/6

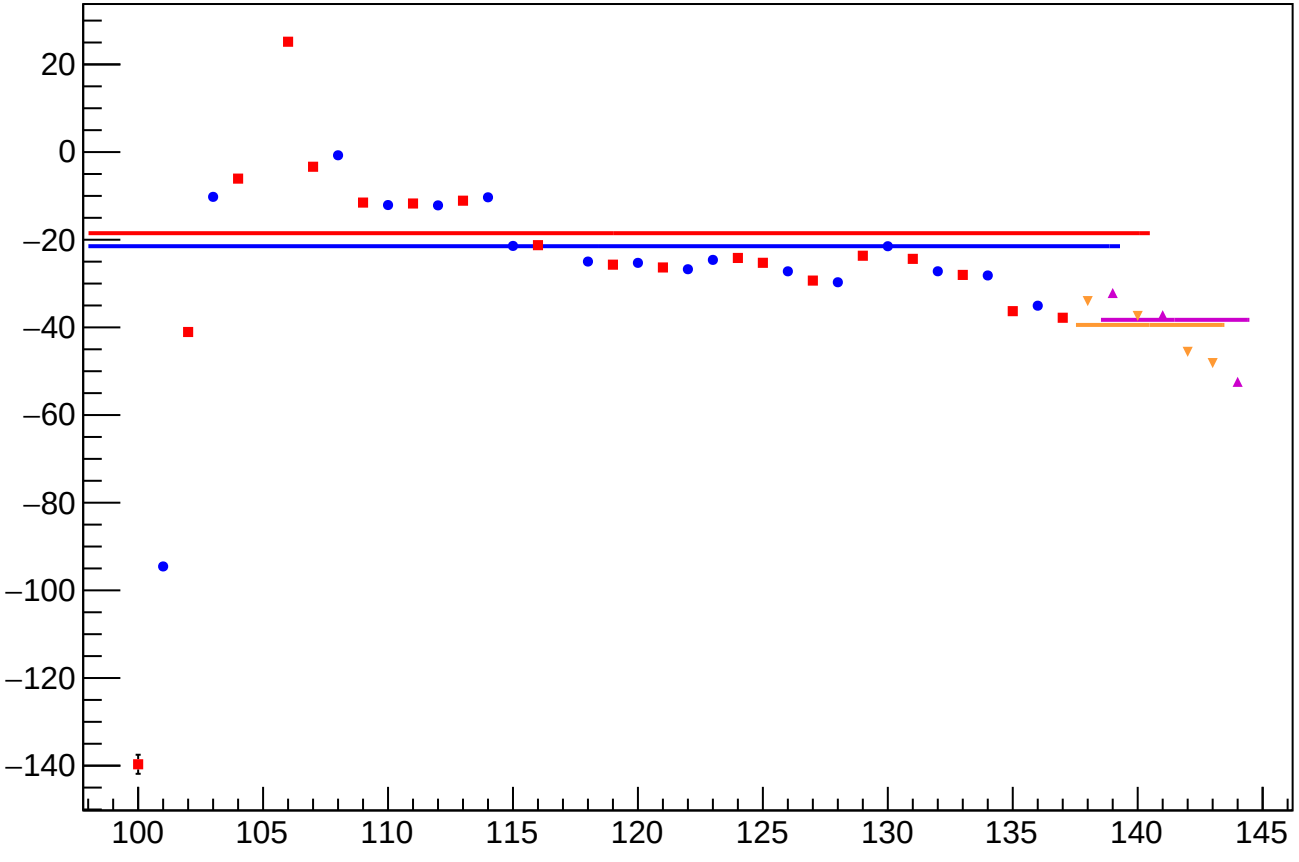
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -25.420+/-0.898 χ^2/NDF:535.5/19

Out: -27.758+/-0.846 χ^2/NDF:524.5/22

All: -26.659+/-0.616 χ^2/NDF: 1063.6/42

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -39.438+/-0.073 χ^2/NDF:6008.2/3

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -38.276+/-0.074 χ^2/NDF:11584.0/2

Left: -38.862+/-0.052 χ^2/NDF: 17716.2/6

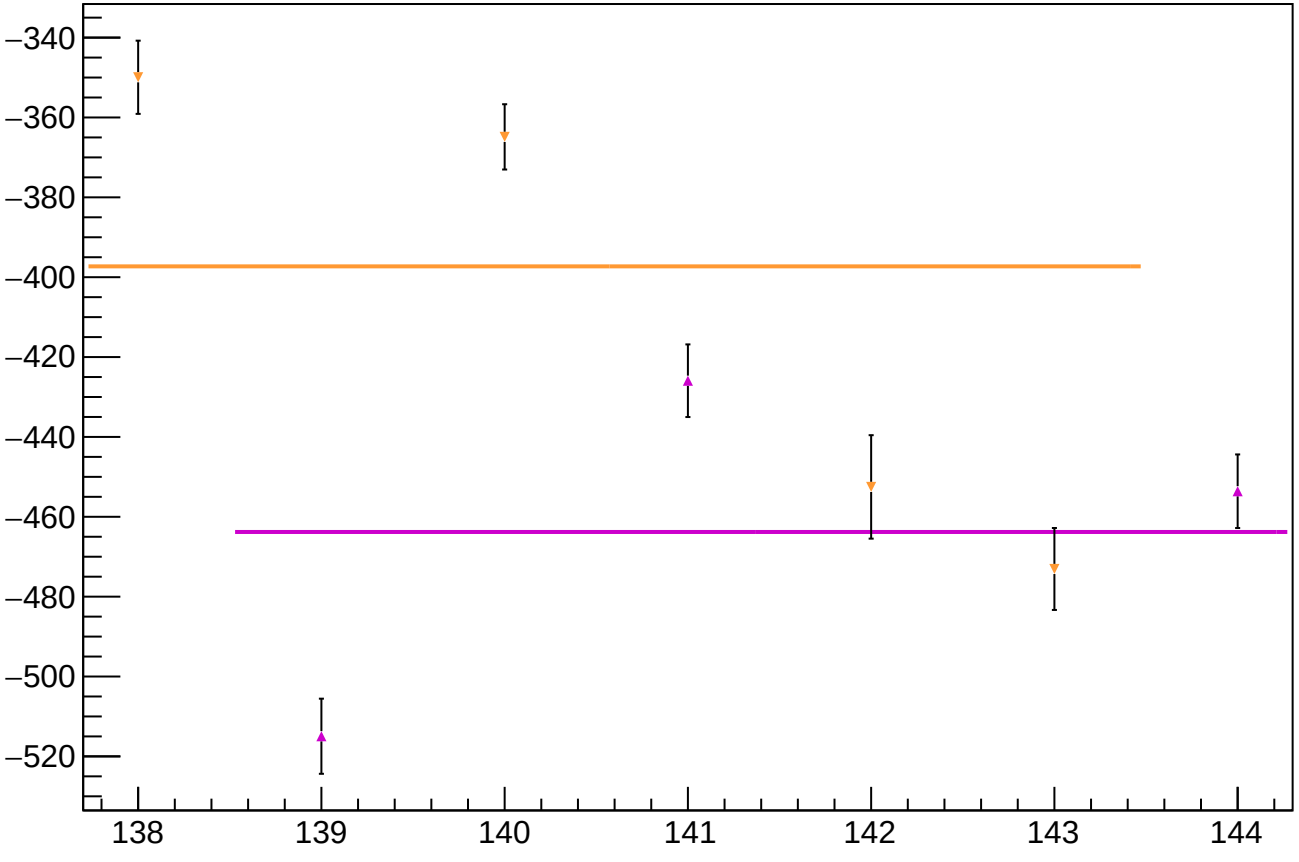
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -27.950+/-0.046 χ^2/NDF:92177.3/19

Out: -26.435+/-0.045 χ^2/NDF:137208.2/22

All: -27.179+/-0.032 χ^2/NDF: 229937.2/42

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -397.287+/-4.861 χ^2/NDF:115.2/3

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

Left In: -463.802+/-5.332 χ^2/NDF:48.1/2

Left: -427.474+/-3.592 χ^2/NDF: 248.3/6

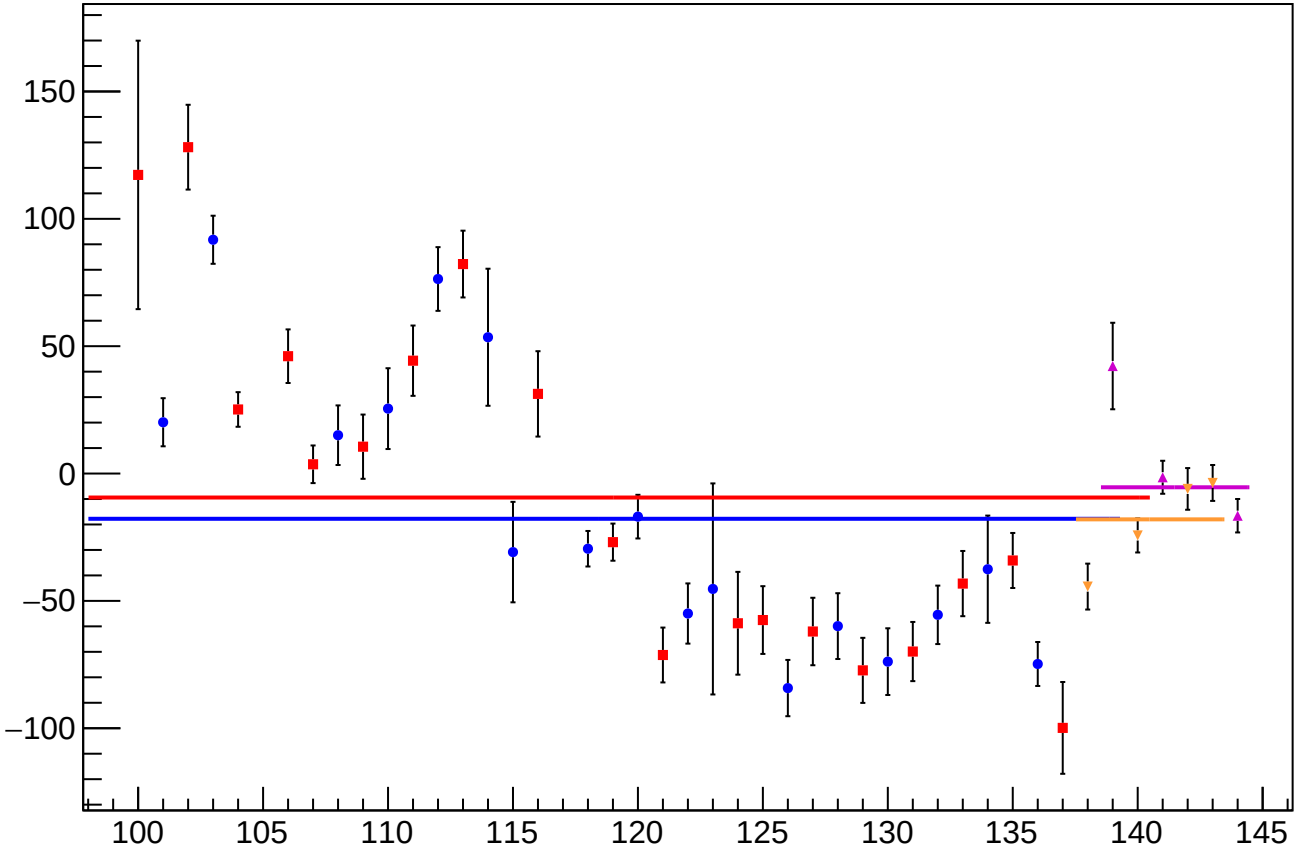
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -463.802+/-5.332 χ^2/NDF:48.1/2

Out: -397.287+/-4.861 χ^2/NDF:115.2/3

All: -427.474+/-3.592 χ^2/NDF: 248.3/6

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: -17.991+/-3.786 χ^2/NDF:15.7/3

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: -5.397+/-4.451 χ^2/NDF:11.1/2

Left: -12.704+/-2.884 χ^2/NDF: 31.5/6

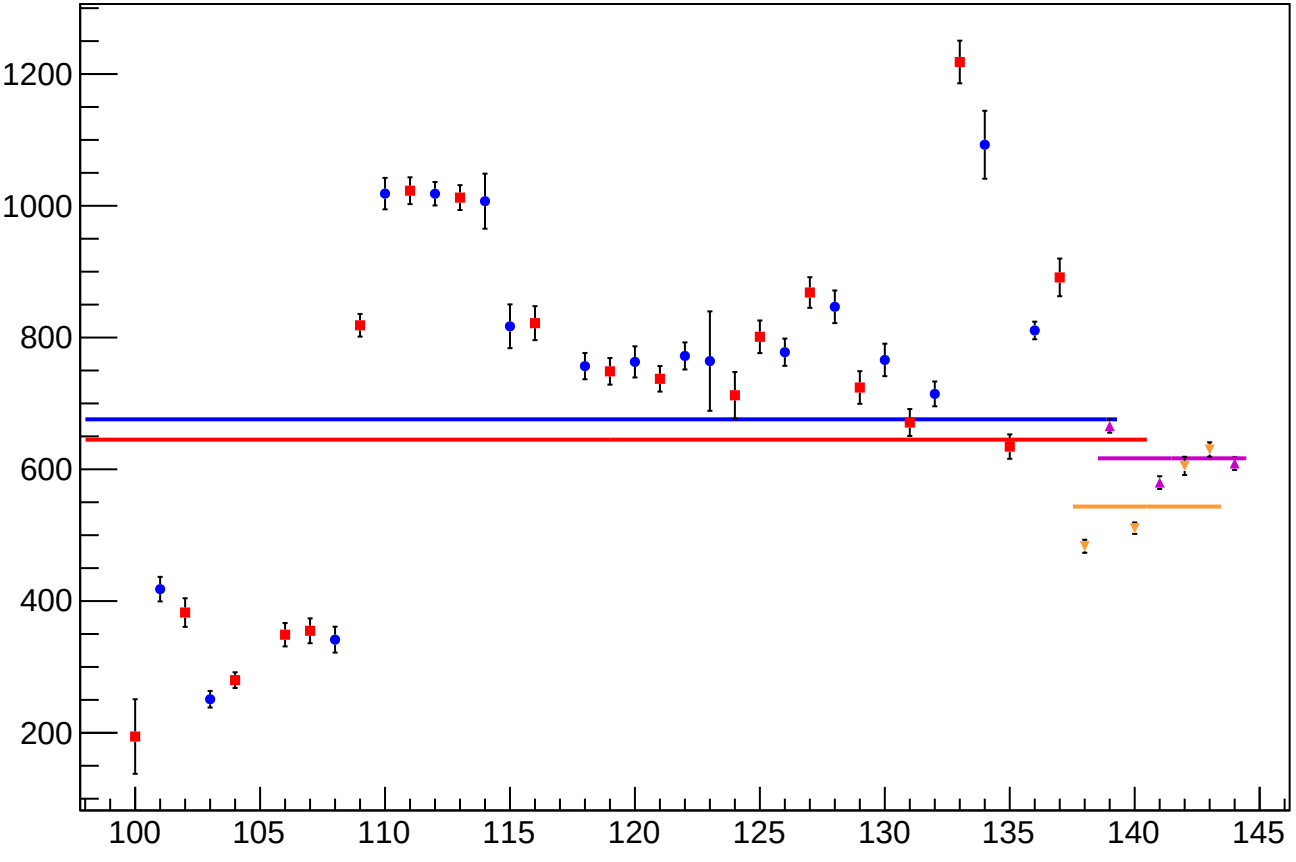
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: -14.291+/-2.359 χ^2/NDF:380.5/19

Out: -12.183+/-2.151 χ^2/NDF:388.8/22

All: -13.140+/-1.589 χ^2/NDF: 769.7/42

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 543.446+/-5.208 χ^2/NDF:133.3/3

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 616.674+/-5.714 χ^2/NDF:38.4/2

Left: 576.671+/-3.849 χ^2/NDF: 261.4/6

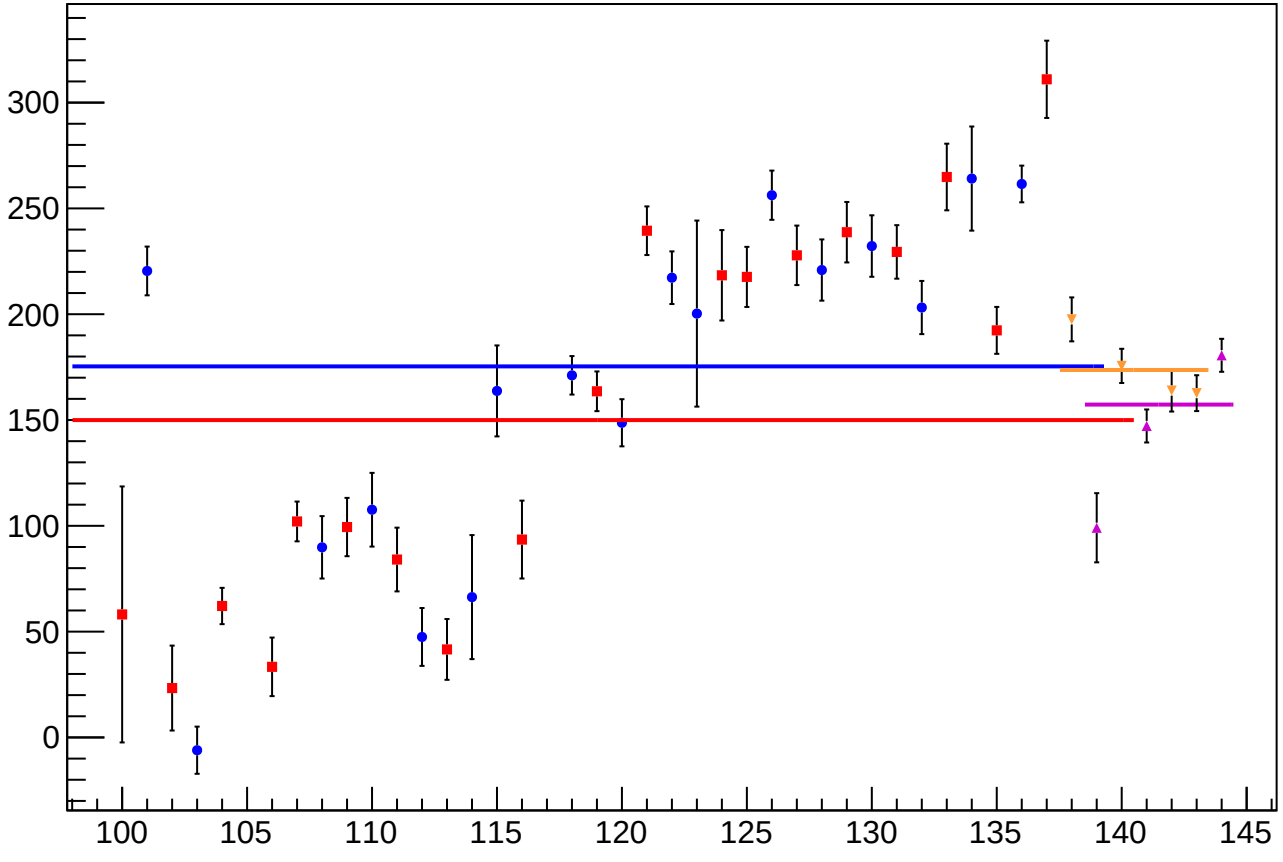
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 649.985+/-3.779 χ^2/NDF:2685.2/19

Out: 598.771+/-3.514 χ^2/NDF:3463.8/22

All: 622.521+/-2.573 χ^2/NDF: 6247.5/42

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 173.647+/-4.532 χ^2/NDF:8.0/3

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 157.294+/-5.224 χ^2/NDF:23.3/2

Left: 166.625+/-3.423 χ^2/NDF: 36.9/6

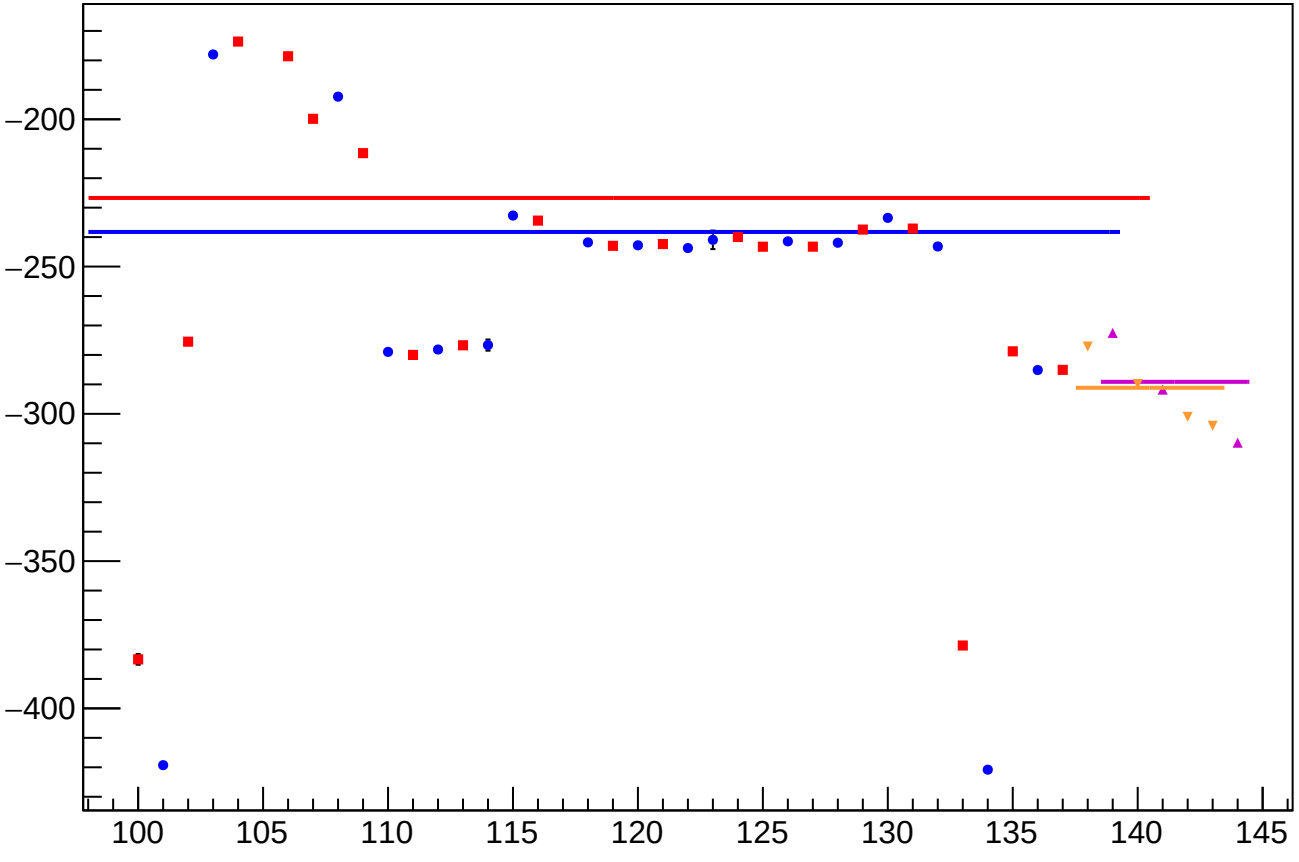
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 170.411+/-2.731 χ^2/NDF:670.4/19

Out: 157.333+/-2.527 χ^2/NDF:720.0/22

All: 163.367+/-1.855 χ^2/NDF: 1402.7/42

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -291.155+/-0.215 χ^2/NDF:2436.0/3

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -289.132+/-0.226 χ^2/NDF:4479.0/2

Left: -290.193+/-0.156 χ^2/NDF: 6957.1/6

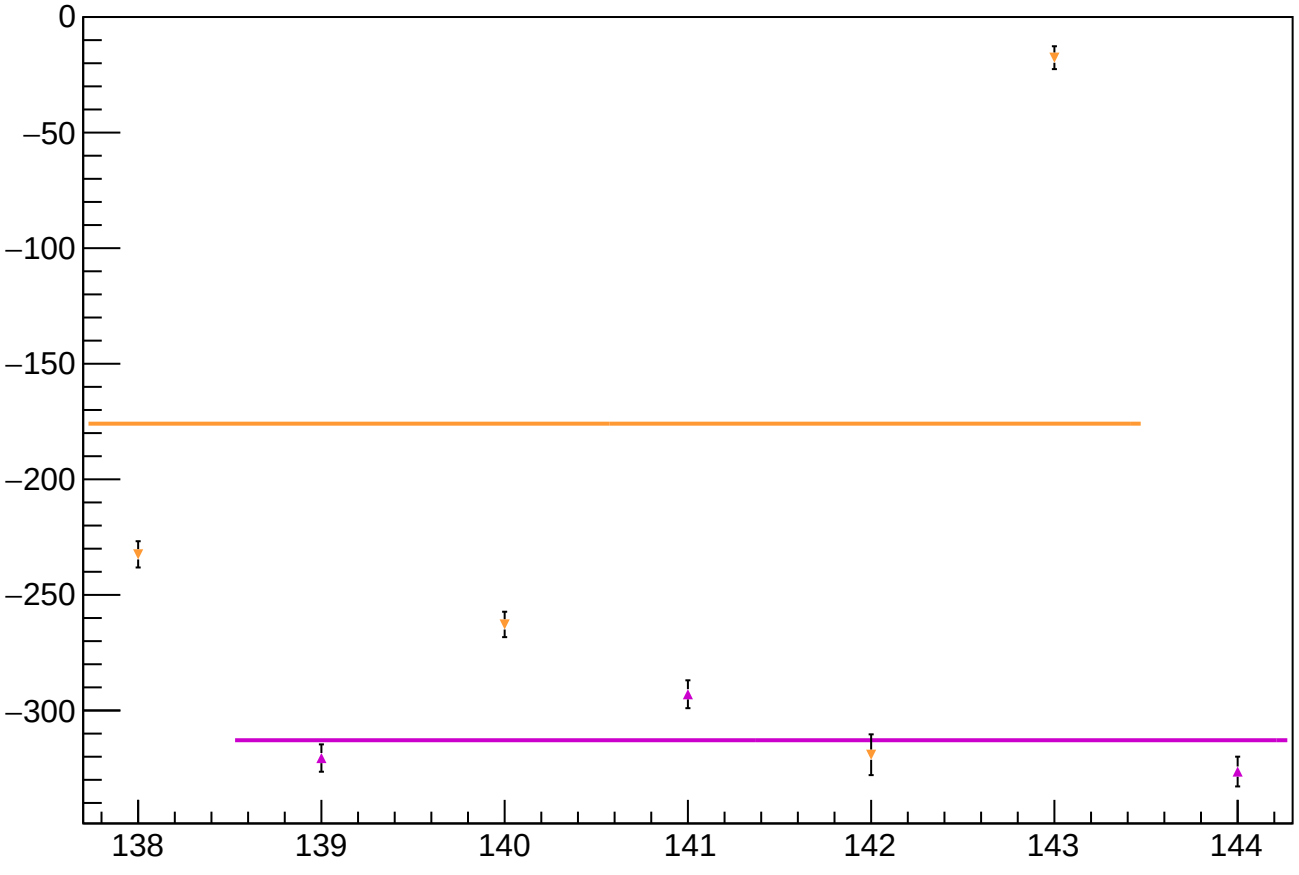
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -255.259+/-0.130 χ^2/NDF:205450.0/19

Out: -248.035+/-0.124 χ^2/NDF:165477.0/22

All: -251.451+/-0.090 χ^2/NDF: 372542.5/42

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: -175.921+/-2.913 χ^2/NDF:1637.1/3

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

Left In: -312.869+/-3.531 χ^2/NDF:17.0/2

Left: -231.373+/-2.247 χ^2/NDF: 2549.0/6

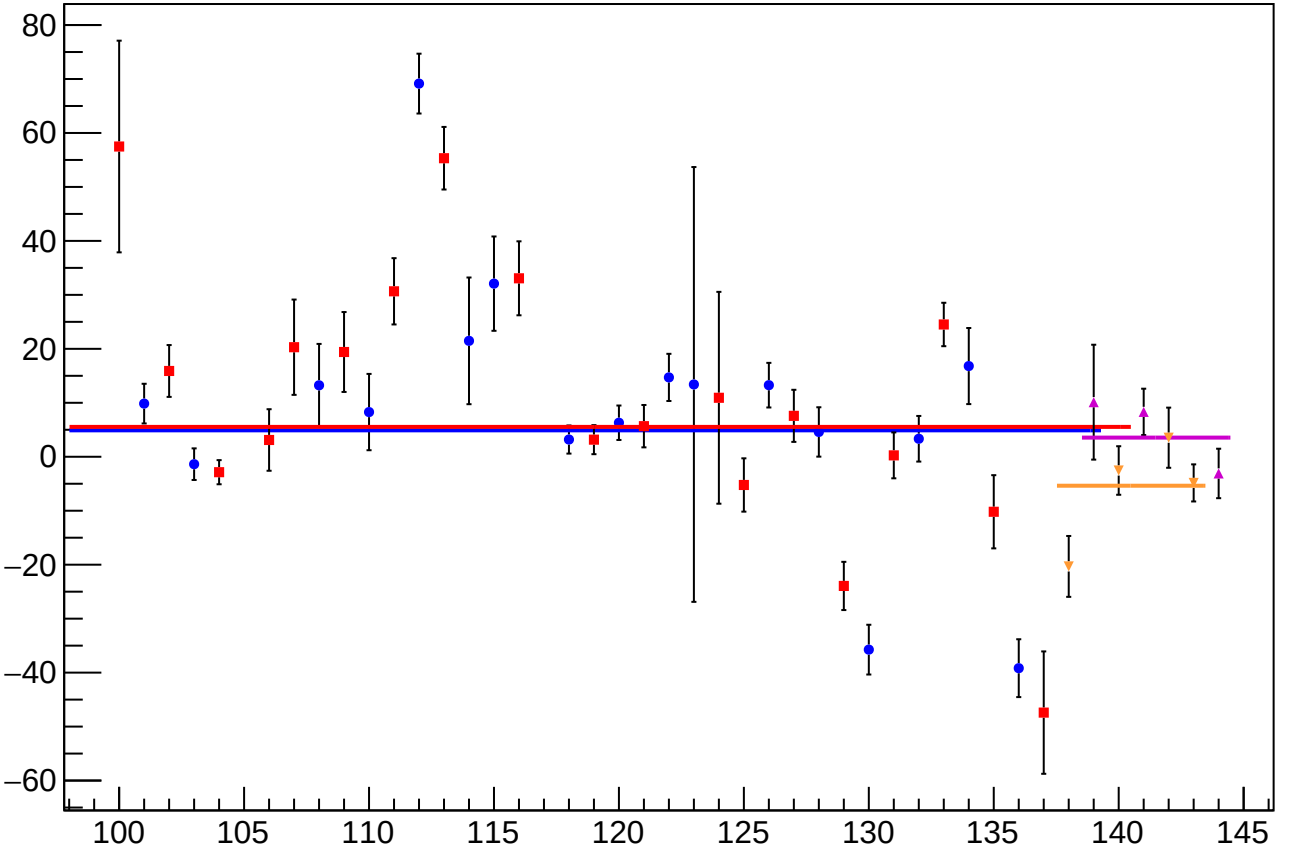
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -312.869+/-3.531 χ^2/NDF:17.0/2

Out: -175.921+/-2.913 χ^2/NDF:1637.1/3

All: -231.373+/-2.247 χ^2/NDF: 2549.0/6

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: -5.366+/-2.249 χ^2/NDF:10.0/3

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 3.549+/-3.006 χ^2/NDF:3.7/2

Left: -2.167+/-1.801 χ^2/NDF: 19.3/6

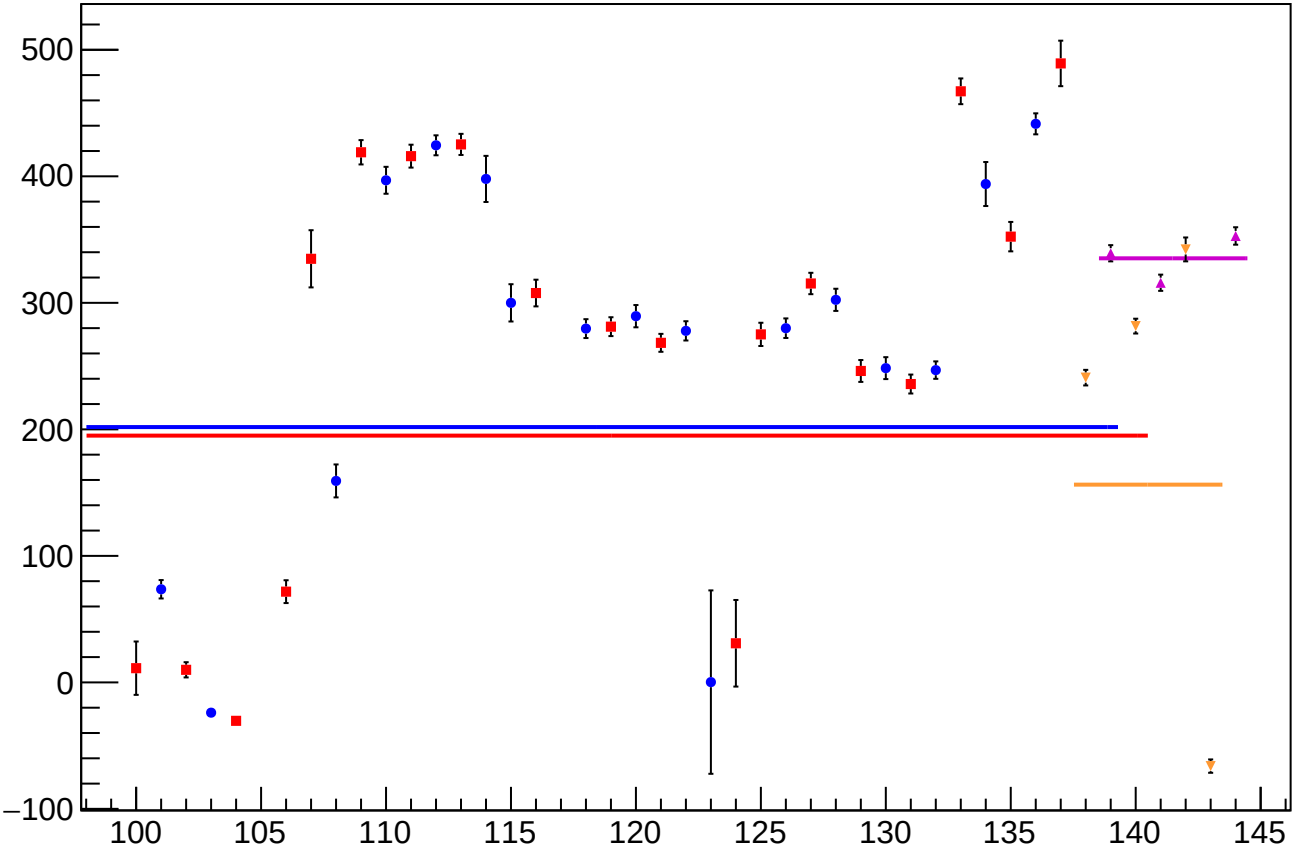
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 4.740+/-1.024 χ^2/NDF:315.8/19

Out: 3.518+/-0.967 χ^2/NDF:268.3/22

All: 4.094+/-0.703 χ^2/NDF: 584.9/42

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: 156.307+/-3.121 χ^2/NDF:2810.1/3

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 335.189+/-3.786 χ^2/NDF:16.0/2

Left: 228.677+/-2.408 χ^2/NDF: 4155.3/6

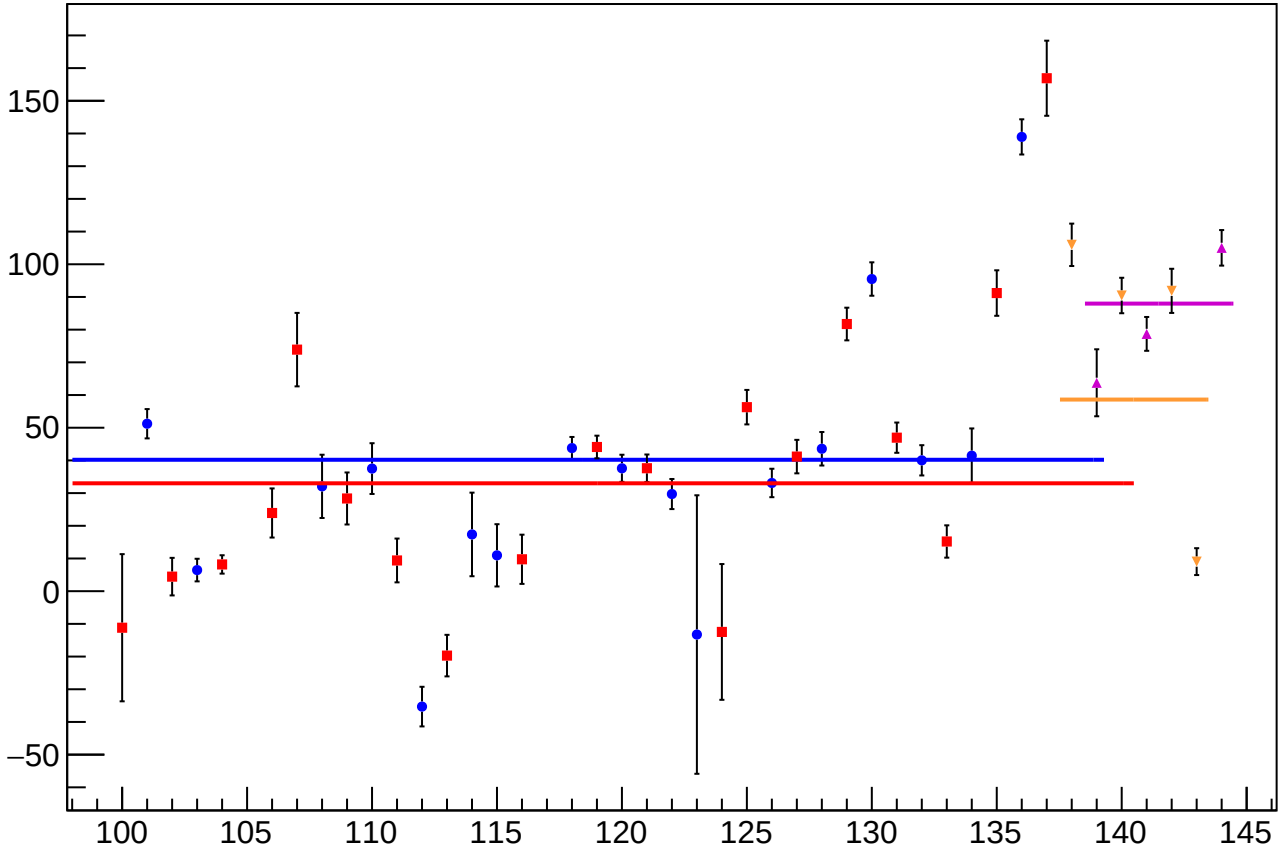
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 230.235+/-1.748 χ^2/NDF:7746.8/19

Out: 184.379+/-1.638 χ^2/NDF:11178.8/22

All: 205.821+/-1.195 χ^2/NDF: 19292.1/42

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: 58.613+/-2.683 χ^2/NDF:257.6/3

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 87.967+/-3.520 χ^2/NDF:18.6/2

Left: 69.398+/-2.134 χ^2/NDF: 320.2/6

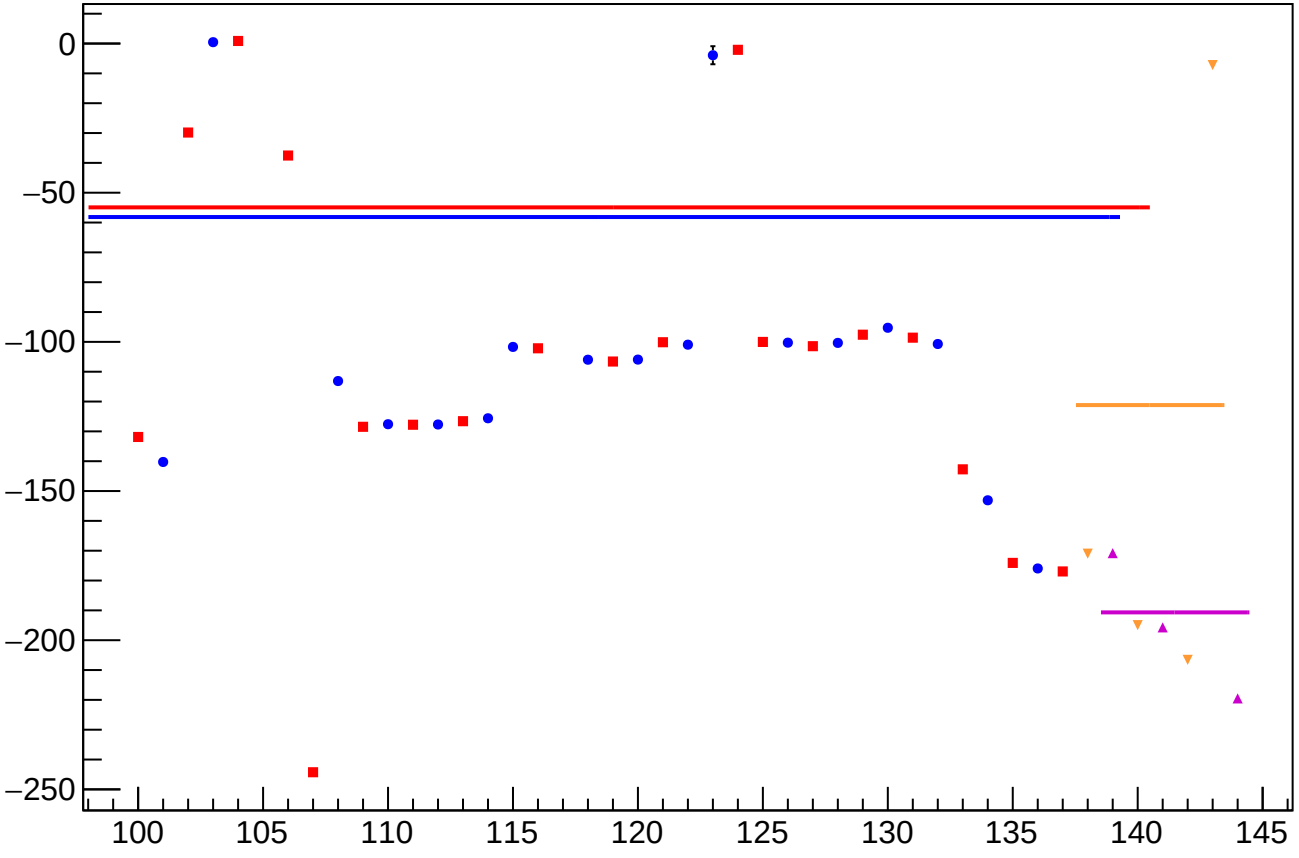
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 45.679+/-1.193 χ^2/NDF:916.6/19

Out: 37.583+/-1.135 χ^2/NDF:886.5/22

All: 41.431+/-0.822 χ^2/NDF: 1827.3/42

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: -121.188+/-0.128 χ^2/NDF:466648.1/3

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -190.674+/-0.148 χ^2/NDF:17272.2/2

Left: -150.750+/-0.097 χ^2/NDF: 610102.4/6

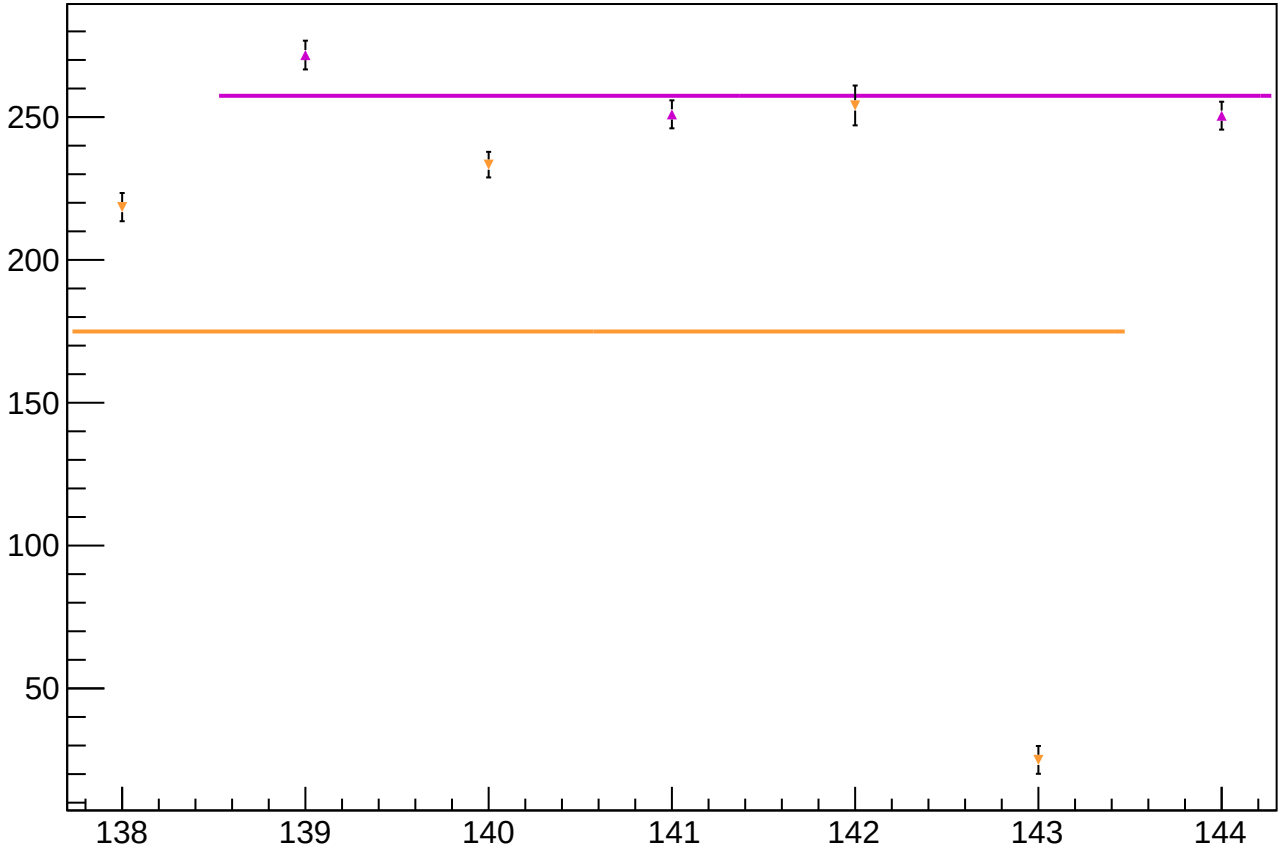
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -77.647+/-0.057 χ^2/NDF:1804068.3/19

Out: -66.988+/-0.054 χ^2/NDF:1691178.8/22

All: -72.087+/-0.039 χ^2/NDF: 3513571.8/42

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: 174.944+/-2.552 χ^2/NDF:1324.8/3

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

Left In: 257.456+/-2.850 χ^2/NDF:11.8/2

Left: 211.666+/-1.901 χ^2/NDF: 1801.8/6

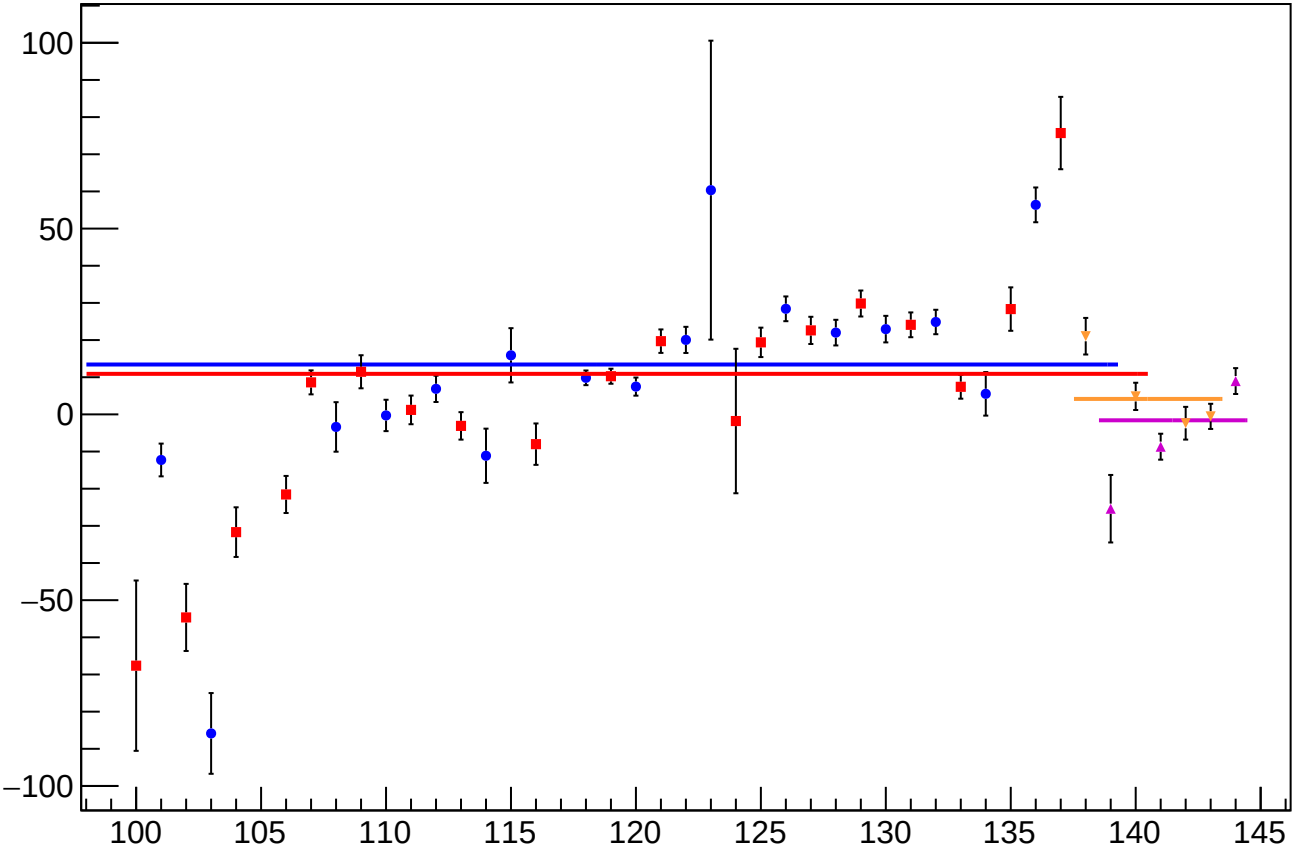
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 257.456+/-2.850 χ^2/NDF:11.8/2

Out: 174.944+/-2.552 χ^2/NDF:1324.8/3

All: 211.666+/-1.901 χ^2/NDF: 1801.8/6

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: 4.161+/-1.982 χ^2/NDF:15.9/3

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: -1.593+/-2.379 χ^2/NDF:20.2/2

Left: 1.803+/-1.523 χ^2/NDF: 39.6/6

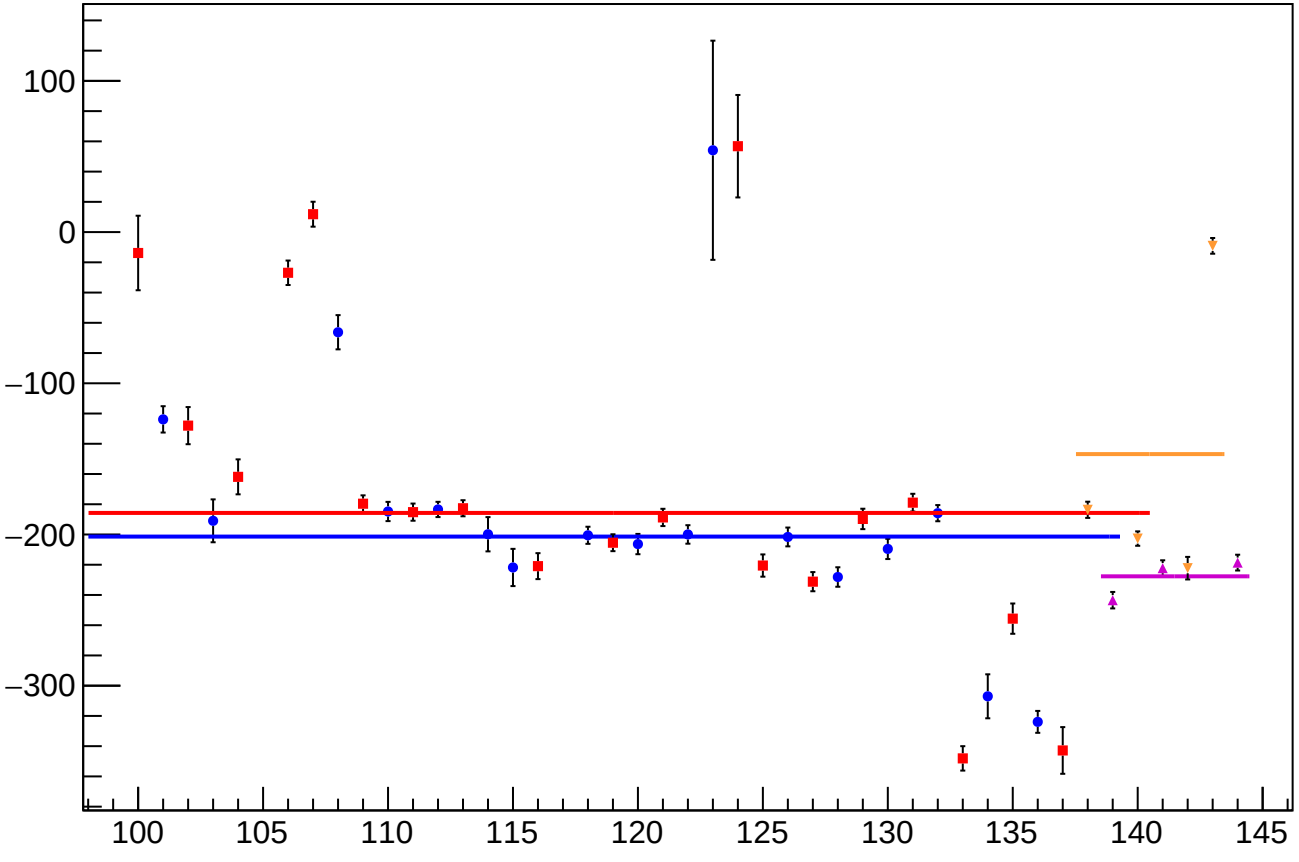
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 11.471+/-0.858 χ^2/NDF:350.1/19

Out: 9.720+/-0.832 χ^2/NDF:328.1/22

All: 10.569+/-0.597 χ^2/NDF: 680.3/42

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: -146.832+/-2.734 χ^2/NDF:988.5/3

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -227.669+/-3.054 χ^2/NDF:12.5/2

Left: -182.799+/-2.037 χ^2/NDF: 1389.8/6

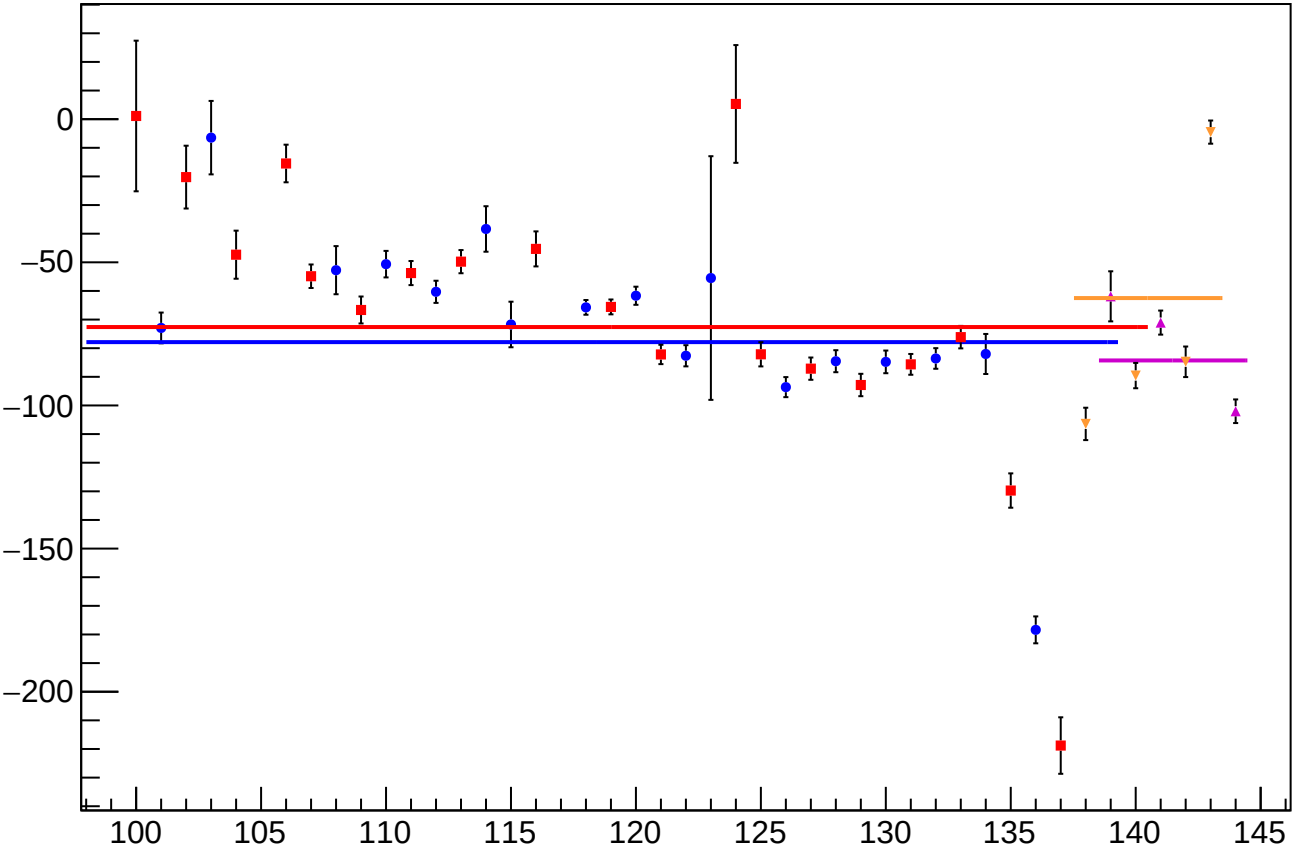
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -208.045+/-1.538 χ^2/NDF:691.3/19

Out: -174.892+/-1.444 χ^2/NDF:2883.8/22

All: -190.427+/-1.052 χ^2/NDF: 3822.1/42

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: -62.490+/-2.366 χ^2/NDF:320.8/3

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -84.279+/-2.791 χ^2/NDF:34.9/2

Left: -71.600+/-1.805 χ^2/NDF: 391.2/6

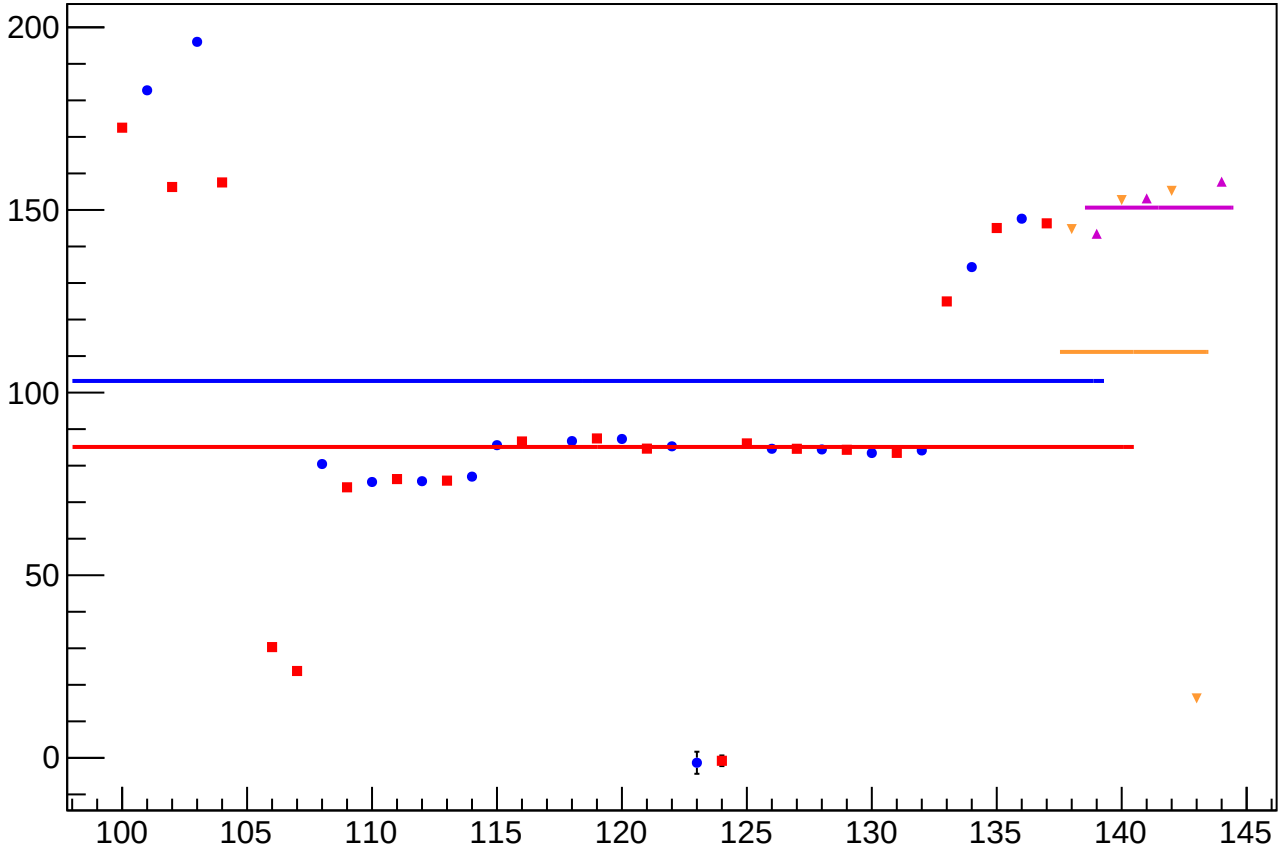
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -78.692+/-0.996 χ^2/NDF:697.7/19

Out: -70.936+/-0.963 χ^2/NDF:942.9/22

All: -74.683+/-0.692 χ^2/NDF: 1672.0/42

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: 111.140+/-0.112 χ^2/NDF:294656.4/3

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 150.640+/-0.121 χ^2/NDF:2497.1/2

Left: 129.459+/-0.082 χ^2/NDF: 354671.8/6

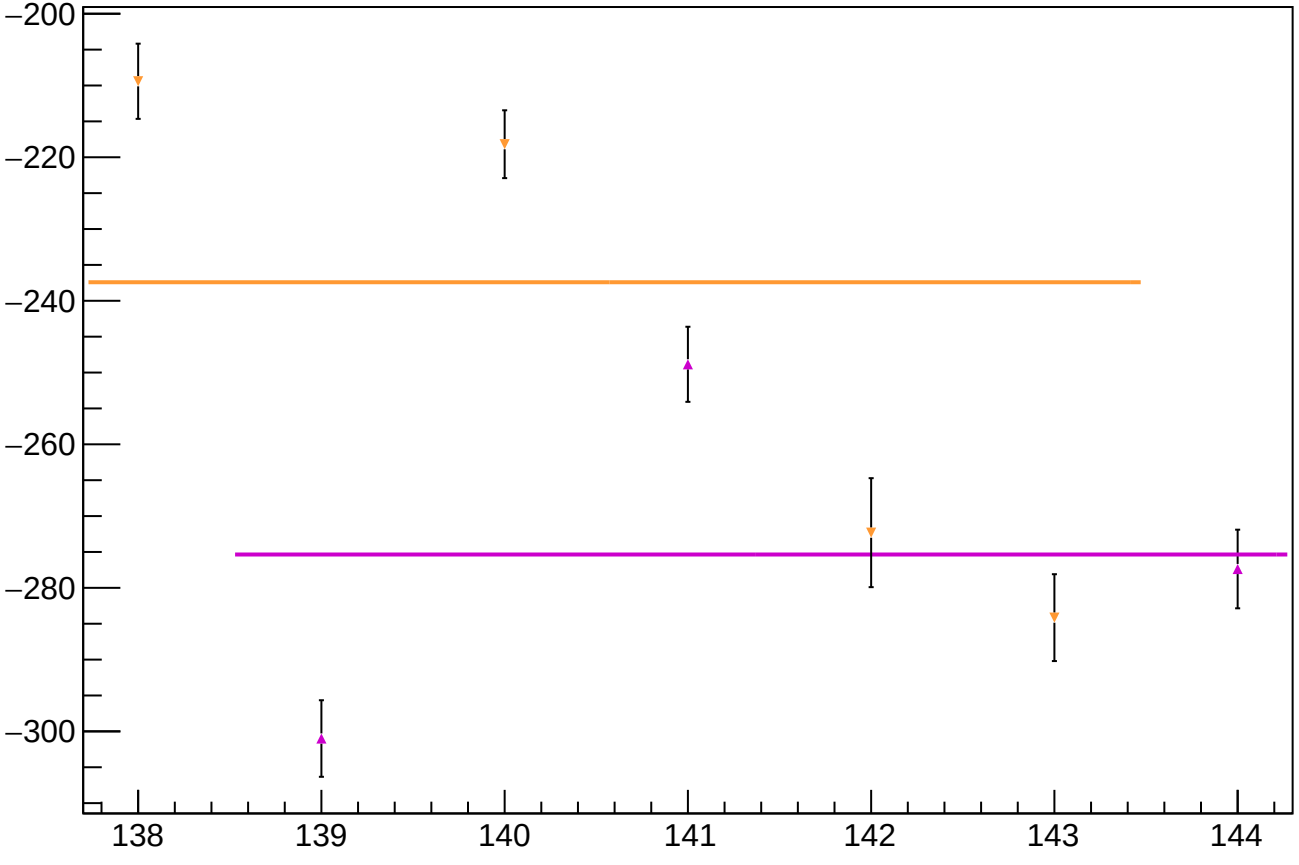
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 115.230+/-0.061 χ^2/NDF:391597.9/19

Out: 91.471+/-0.055 χ^2/NDF:758860.7/22

All: 102.258+/-0.041 χ^2/NDF: 1233951.2/42

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: -237.415+/-2.819 χ^2/NDF:125.9/3

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

Left In: -275.355+/-3.086 χ^2/NDF:48.9/2

Left: -254.673+/-2.081 χ^2/NDF: 257.2/6

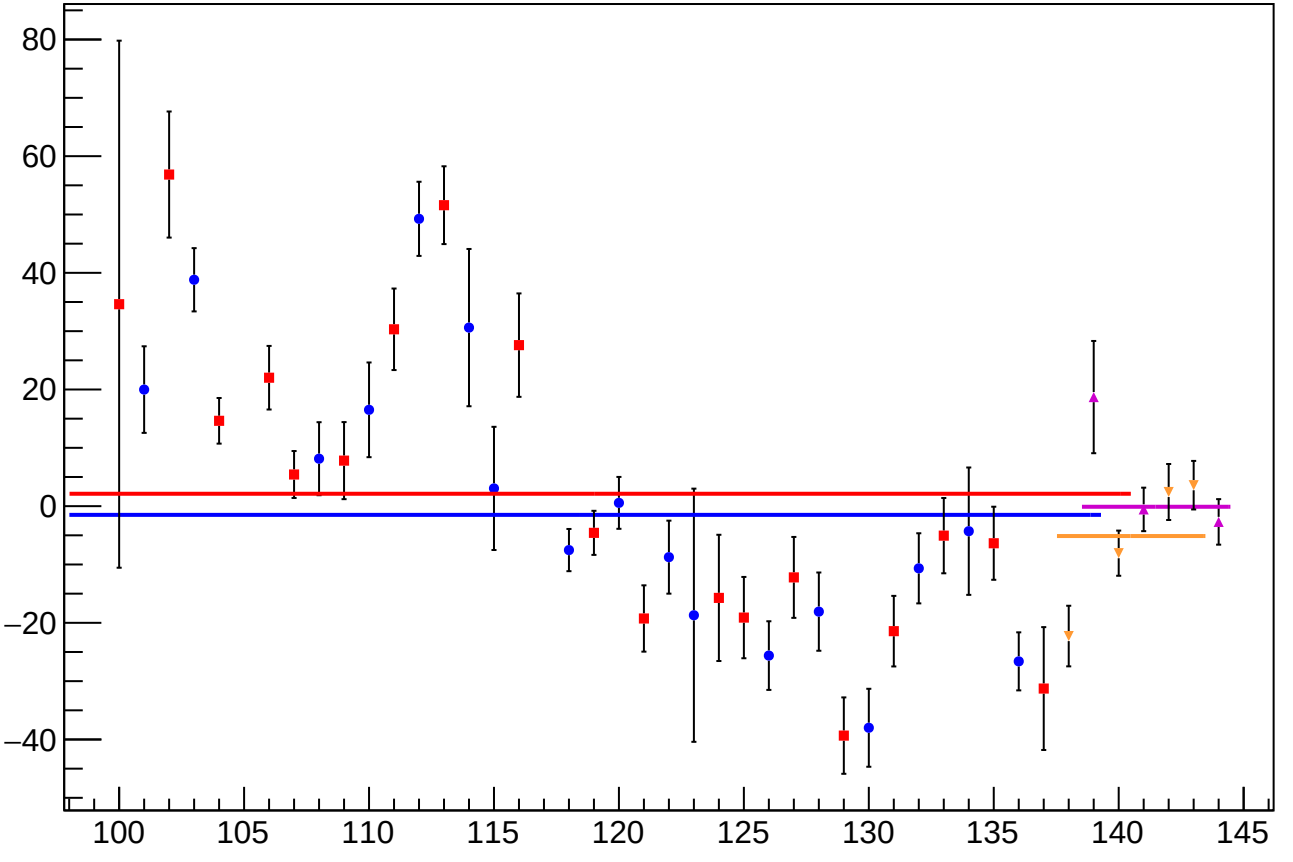
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -275.355+/-3.086 χ^2/NDF:48.9/2

Out: -237.415+/-2.819 χ^2/NDF:125.9/3

All: -254.673+/-2.081 χ^2/NDF: 257.2/6

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: -5.123+/-2.209 χ^2/NDF:18.3/3

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: -0.104+/-2.596 χ^2/NDF:4.3/2

Left: -3.014+/-1.682 χ^2/NDF: 24.8/6

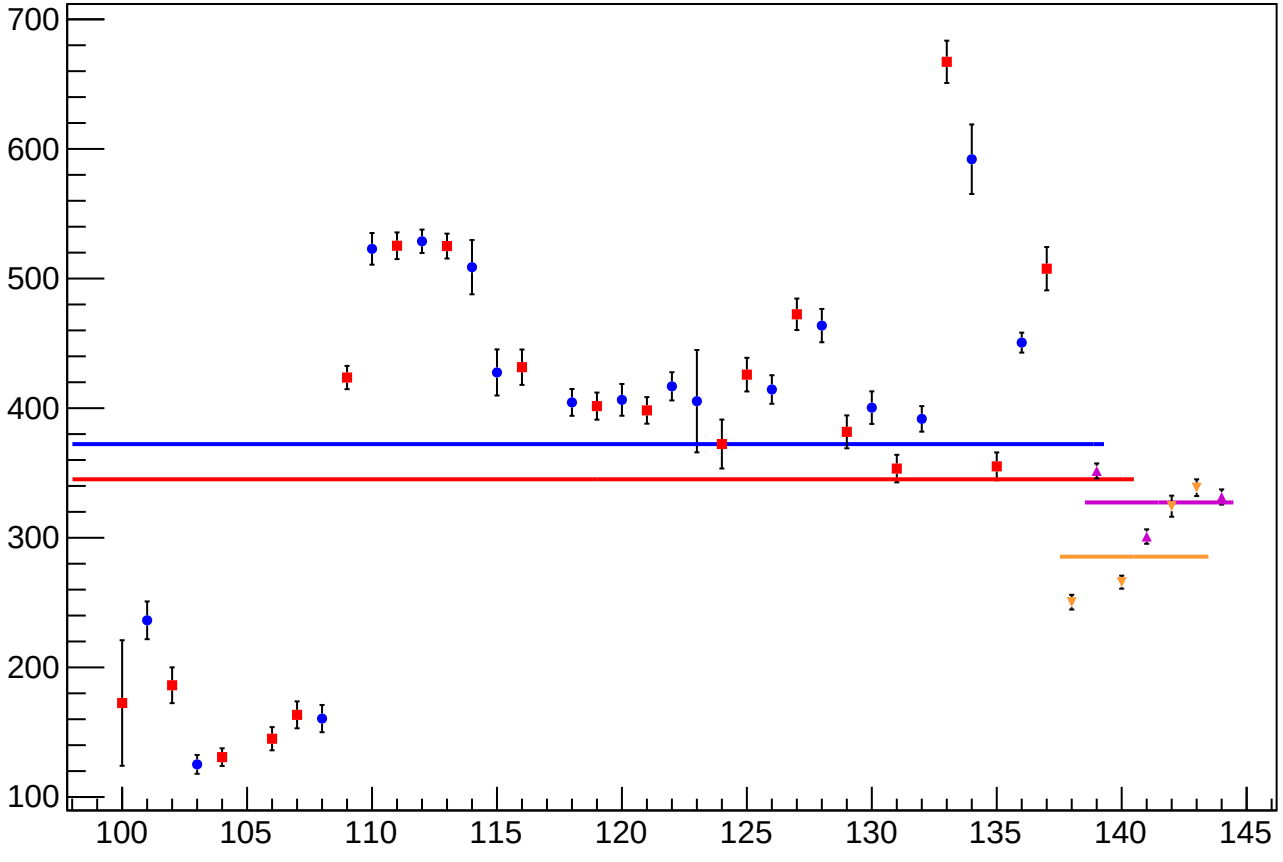
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: -1.140+/-1.307 χ^2/NDF:230.6/19

Out: 0.044+/-1.184 χ^2/NDF:258.6/22

All: -0.489+/-0.878 χ^2/NDF: 489.7/42

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: 285.432+/-3.020 χ^2/NDF:144.4/3

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 327.271+/-3.307 χ^2/NDF:40.6/2

Left: 304.459+/-2.230 χ^2/NDF: 272.3/6

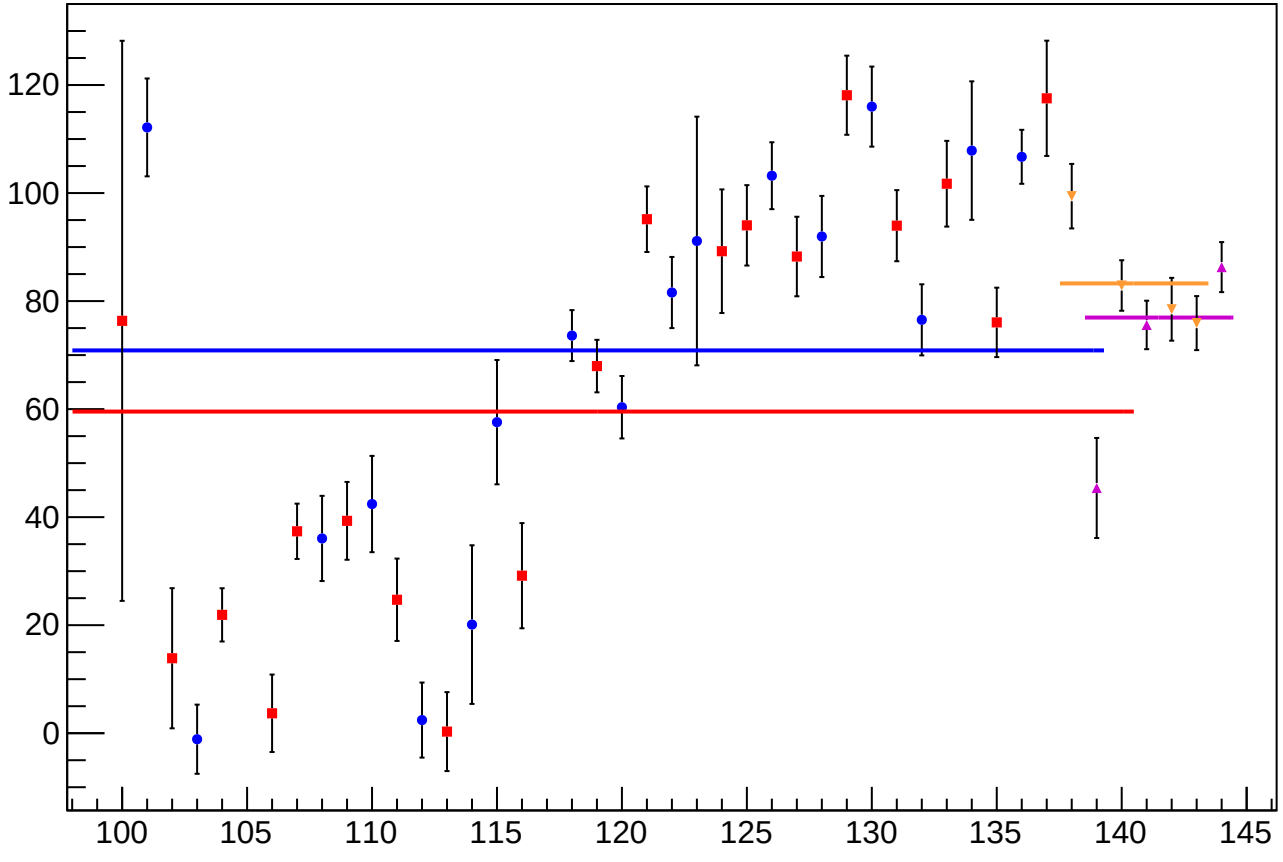
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 353.795+/-2.119 χ^2/NDF:2582.9/19

Out: 320.151+/-1.954 χ^2/NDF:3788.1/22

All: 335.613+/-1.436 χ^2/NDF: 6507.2/42

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: 83.268+/-2.641 χ^2/NDF:10.2/3

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 76.951+/-3.043 χ^2/NDF:15.8/2

Left: 80.554+/-1.995 χ^2/NDF: 28.4/6

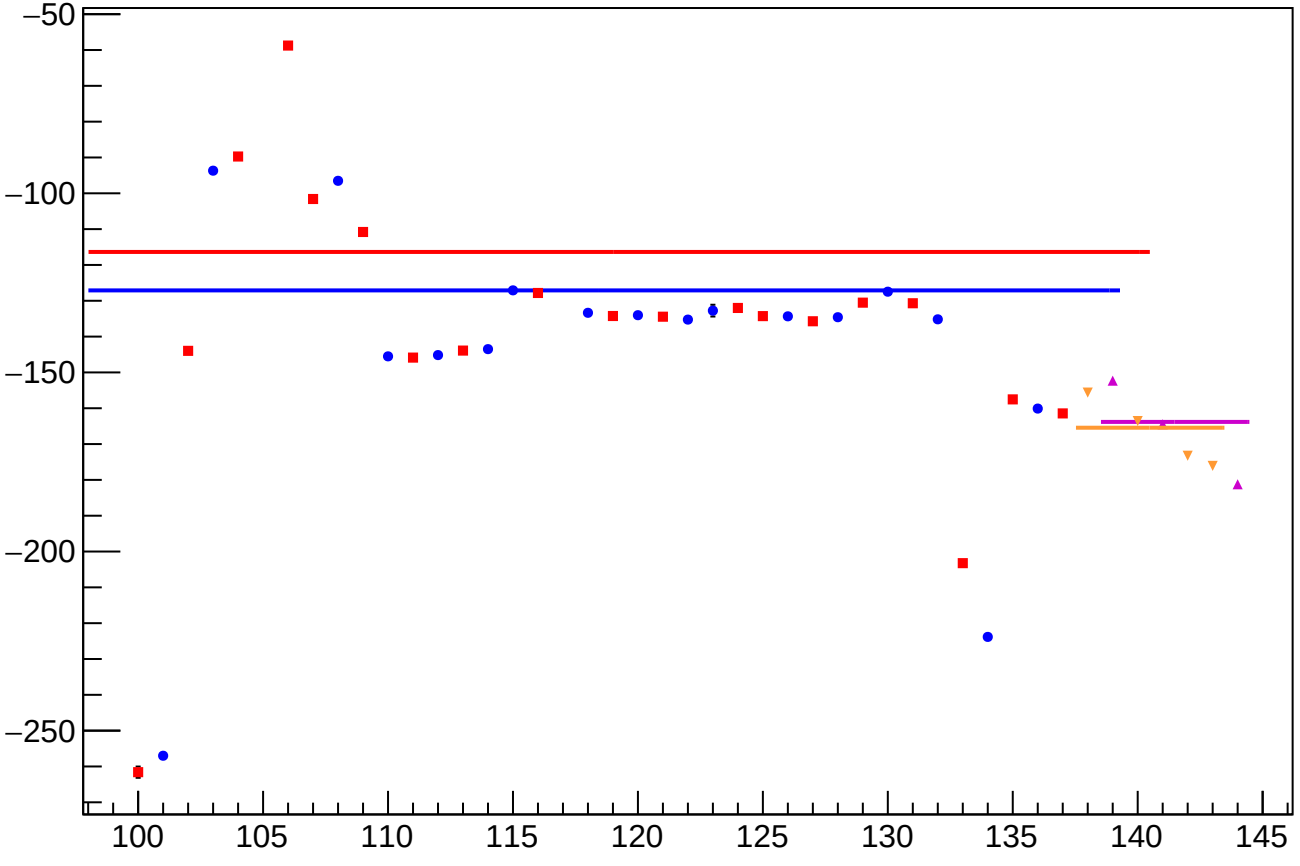
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 72.369+/-1.512 χ^2/NDF:445.7/19

Out: 66.107+/-1.389 χ^2/NDF:559.4/22

All: 68.972+/-1.023 χ^2/NDF: 1014.4/42

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: -165.437+/-0.125 χ^2/NDF:4218.8/3

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -163.816+/-0.130 χ^2/NDF:7814.2/2

Left: -164.662+/-0.090 χ^2/NDF: 12114.0/6

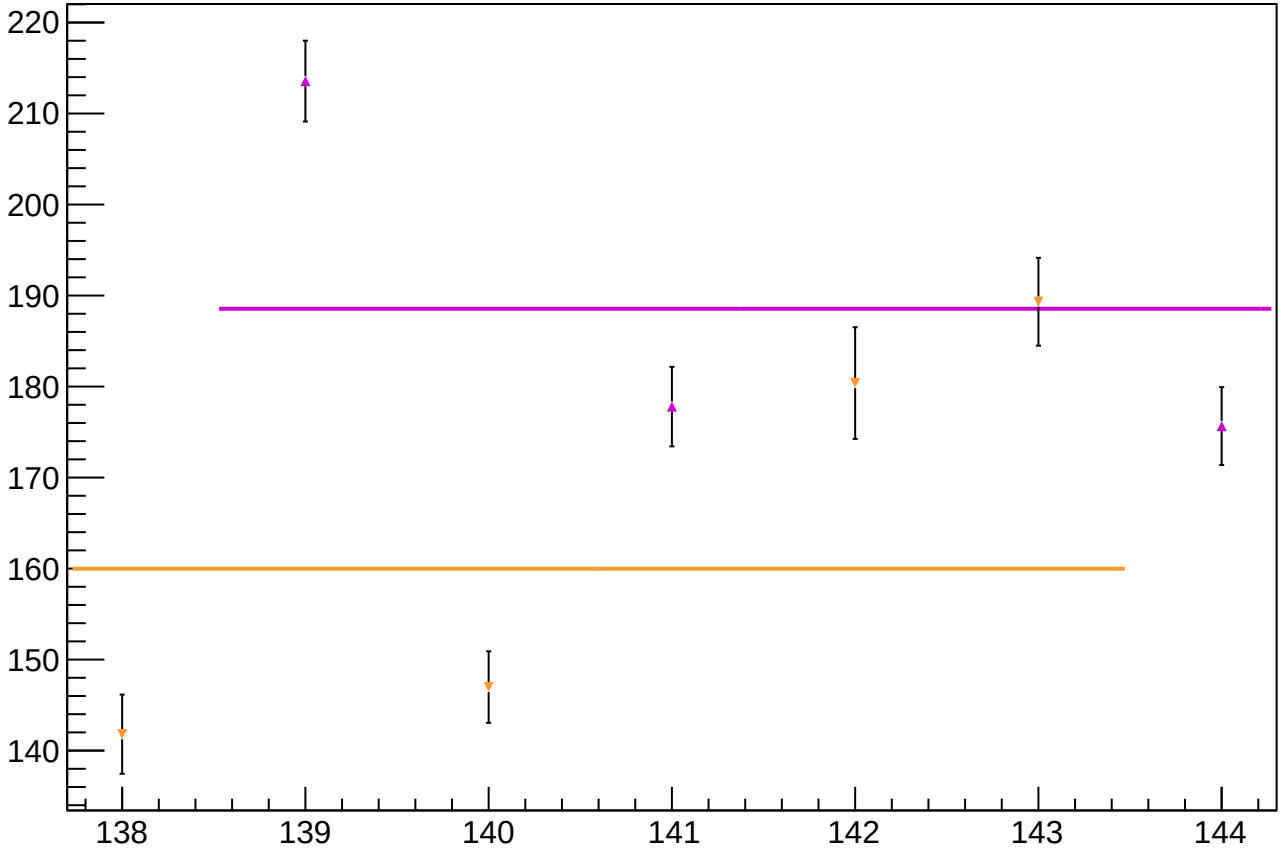
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -138.877+/-0.074 χ^2/NDF:228911.3/19

Out: -131.442+/-0.069 χ^2/NDF:279371.4/22

All: -134.915+/-0.050 χ^2/NDF: 513703.7/42

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: 159.981+/-2.312 χ^2/NDF:76.4/3

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

Left In: 188.547+/-2.518 χ^2/NDF:46.8/2

Left: 173.048+/-1.703 χ^2/NDF: 193.0/6

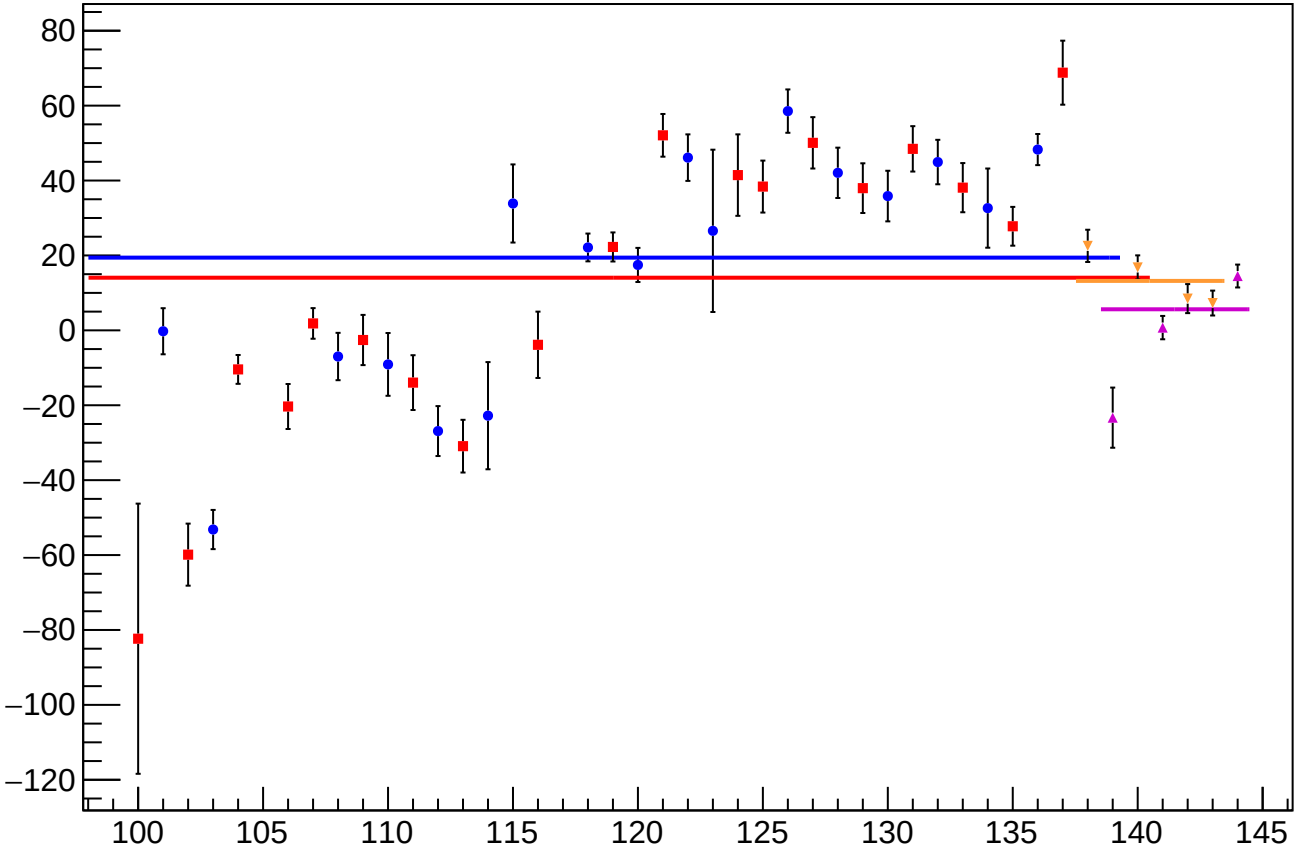
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 188.547+/-2.518 χ^2/NDF:46.8/2

Out: 159.981+/-2.312 χ^2/NDF:76.4/3

All: 173.048+/-1.703 χ^2/NDF: 193.0/6

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: 13.202+/-1.804 χ^2/NDF:10.6/3

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 5.622+/-2.106 χ^2/NDF:23.9/2

Left: 9.994+/-1.370 χ^2/NDF: 42.0/6

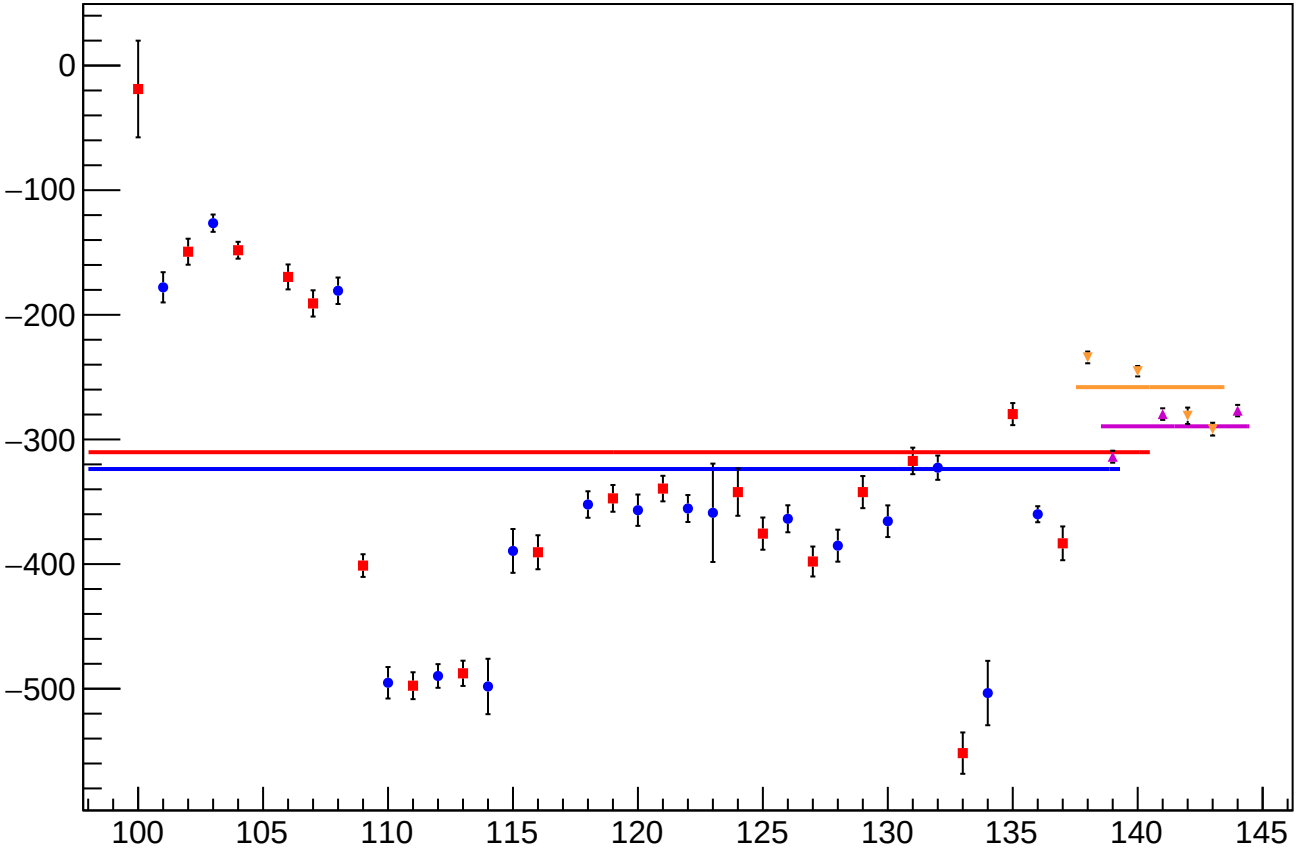
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 14.856+/-1.211 χ^2/NDF:493.7/19

Out: 13.736+/-1.102 χ^2/NDF:447.3/22

All: 14.244+/-0.815 χ^2/NDF: 941.5/42

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: -258.032+/-2.478 χ^2/NDF:90.0/3

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -289.453+/-2.699 χ^2/NDF:37.7/2

Left: -272.401+/-1.825 χ^2/NDF: 201.3/6

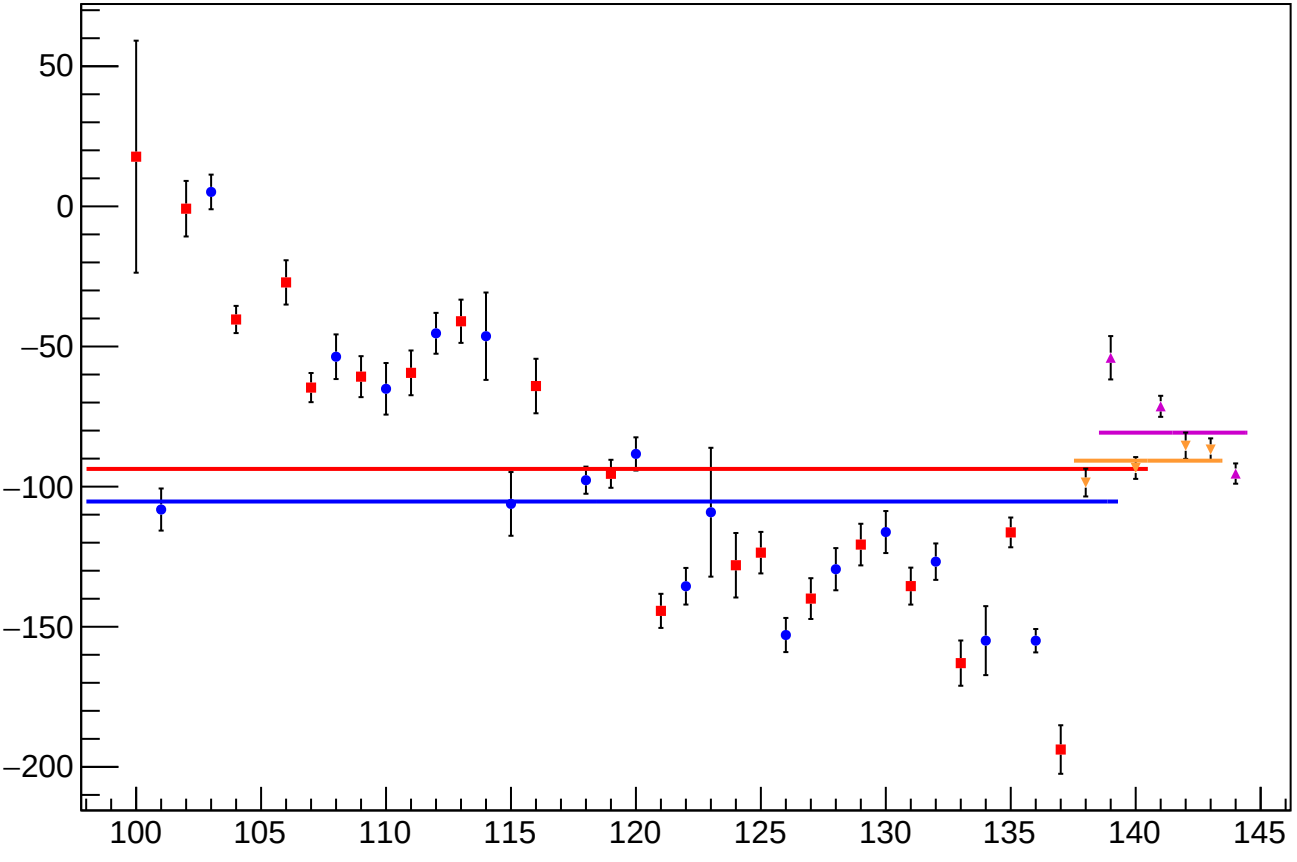
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -306.785+/-1.897 χ^2/NDF:1970.0/19

Out: -283.656+/-1.768 χ^2/NDF:2607.8/22

All: -294.403+/-1.293 χ^2/NDF: 4657.4/42

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: -90.736+/-2.157 χ^2/NDF:5.2/3

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -80.740+/-2.469 χ^2/NDF:34.5/2

Left: -86.410+/-1.624 χ^2/NDF: 49.0/6

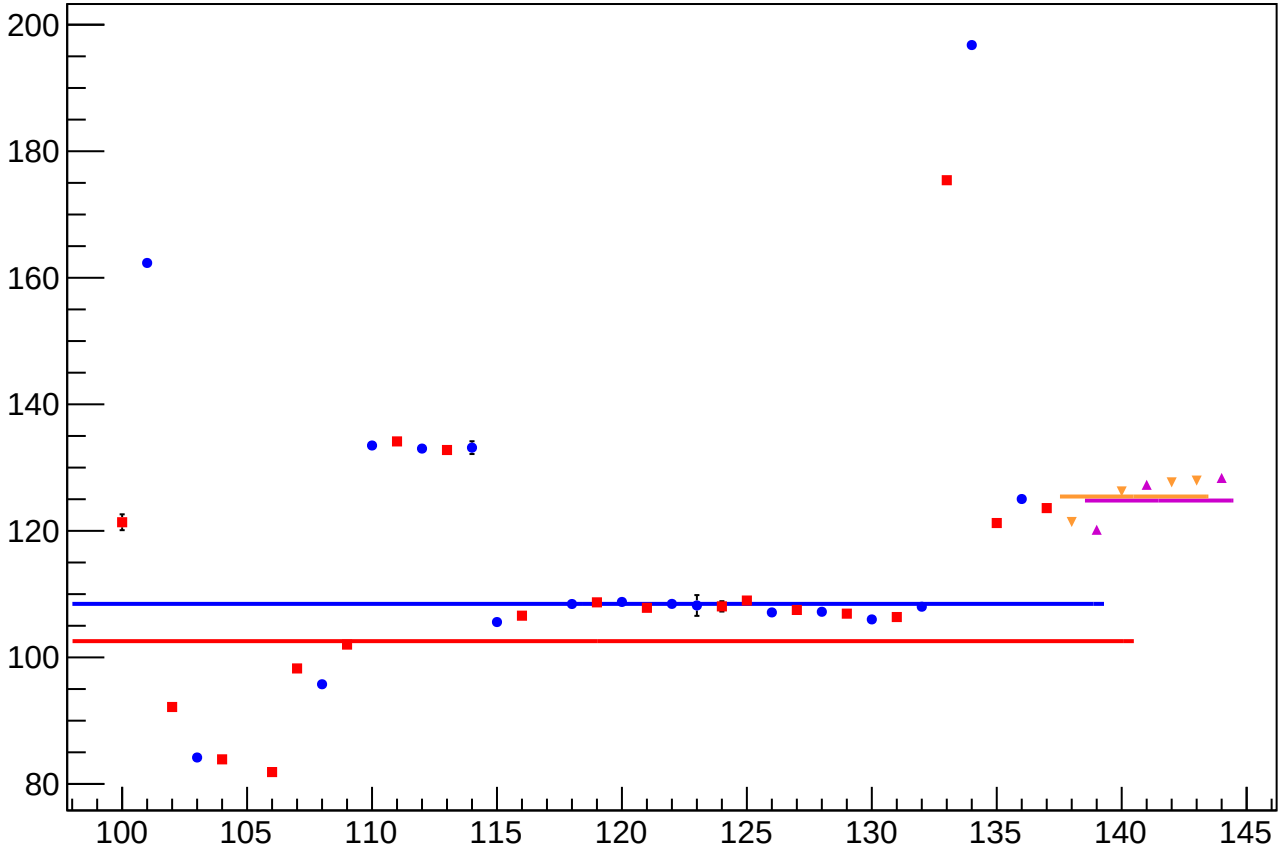
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -97.448+/-1.396 χ^2/NDF:839.3/19

Out: -92.625+/-1.291 χ^2/NDF:832.9/22

All: -94.848+/-0.948 χ^2/NDF: 1678.7/42

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: 125.428+/-0.102 χ^2/NDF:700.4/3

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 124.794+/-0.107 χ^2/NDF:1232.6/2

Left: 125.125+/-0.074 χ^2/NDF: 1951.4/6

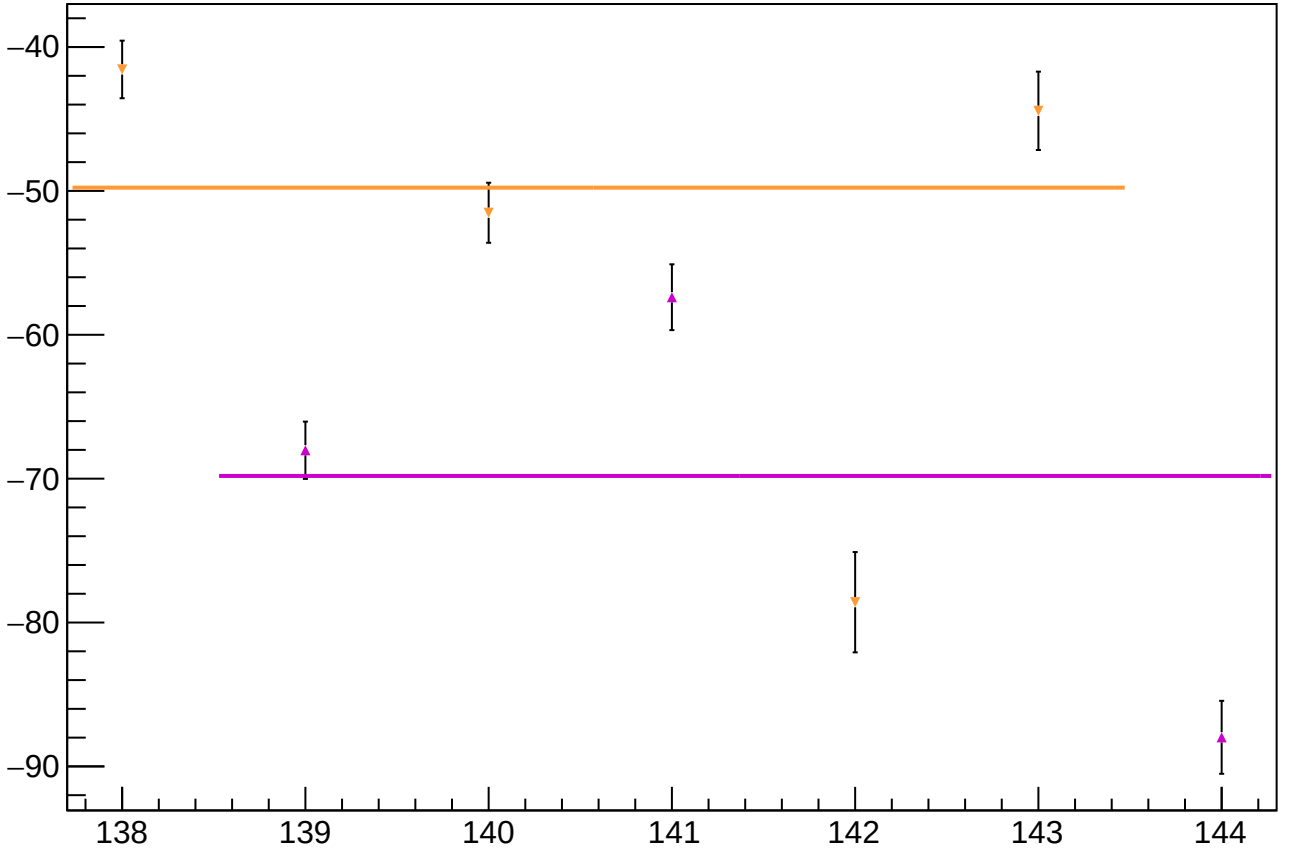
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 114.780+/-0.066 χ^2/NDF:88916.0/19

Out: 111.198+/-0.063 χ^2/NDF:85079.7/22

All: 112.888+/-0.046 χ^2/NDF: 175536.1/42

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: -49.772+/-1.198 χ^2/NDF:89.7/3

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

Left In: -69.811+/-1.292 χ^2/NDF:81.7/2

Left: -59.040+/-0.879 χ^2/NDF: 300.7/6

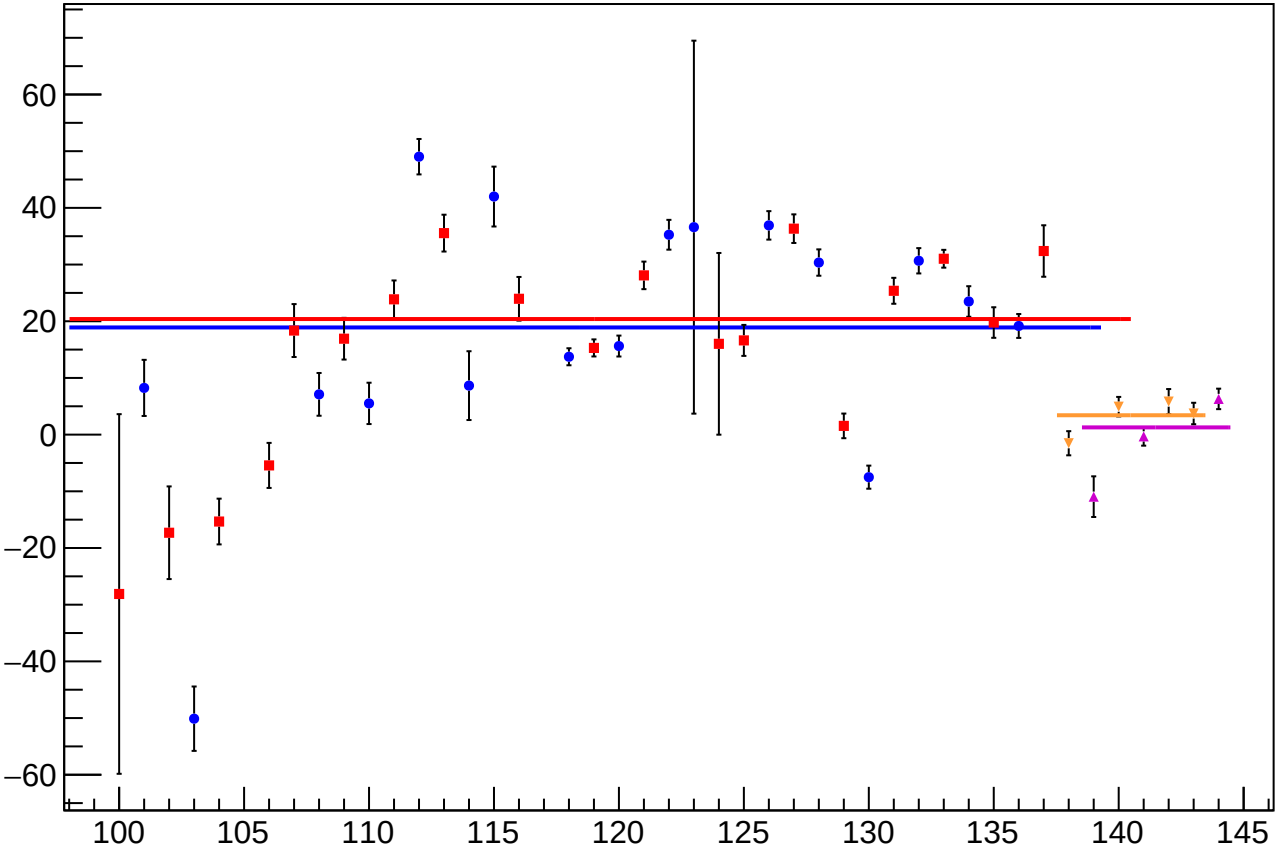
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -69.811+/-1.292 χ^2/NDF:81.7/2

Out: -49.772+/-1.198 χ^2/NDF:89.7/3

All: -59.040+/-0.879 χ^2/NDF: 300.7/6

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: 3.417+/-0.980 χ^2/NDF:7.4/3

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 1.275+/-1.149 χ^2/NDF:20.3/2

Left: 2.515+/-0.746 χ^2/NDF: 29.6/6

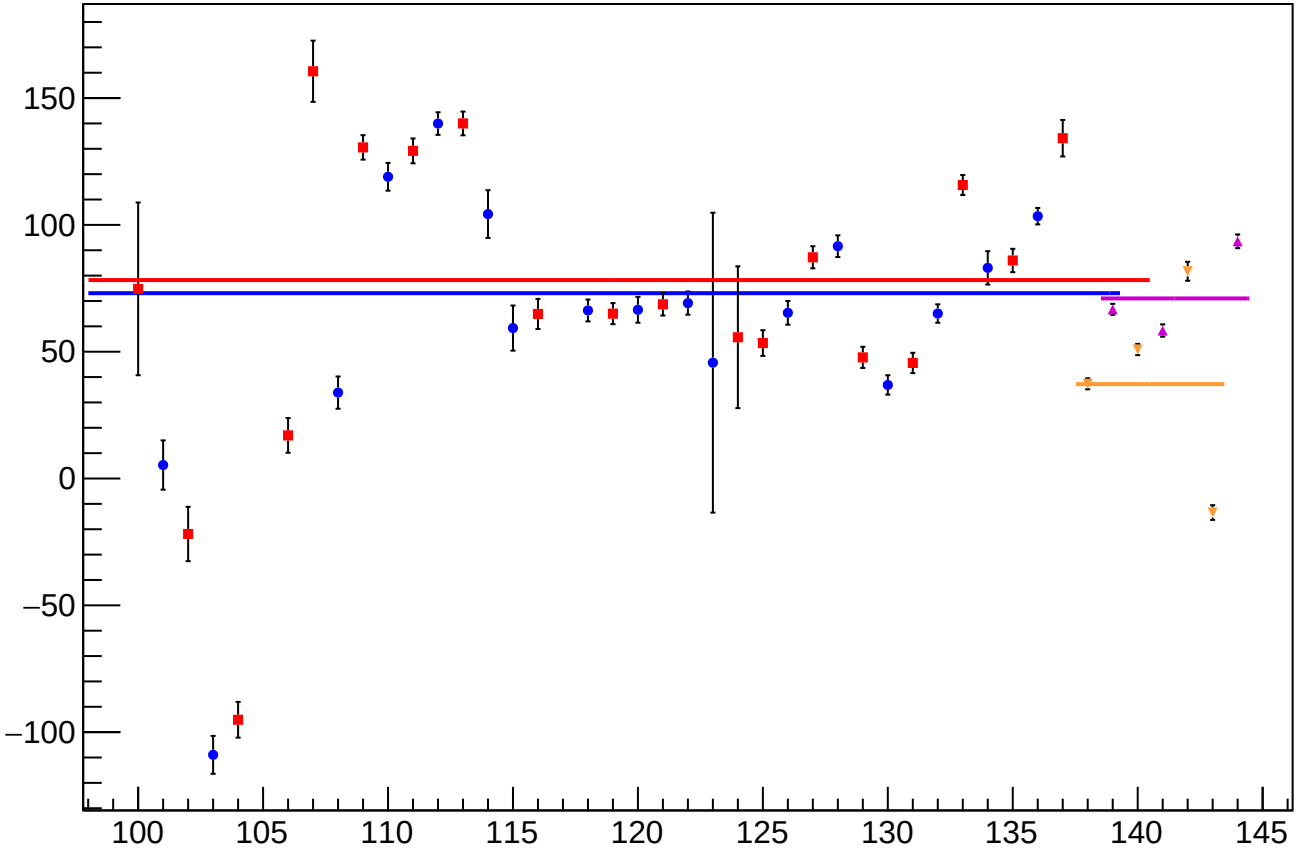
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 14.699+/-0.562 χ^2/NDF:818.4/19

Out: 15.274+/-0.538 χ^2/NDF:582.1/22

All: 14.999+/-0.389 χ^2/NDF: 1401.0/42

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: 37.214+/-1.286 χ^2/NDF:483.0/3

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 71.003+/-1.386 χ^2/NDF:100.1/2

Left: 52.844+/-0.943 χ^2/NDF: 902.6/6

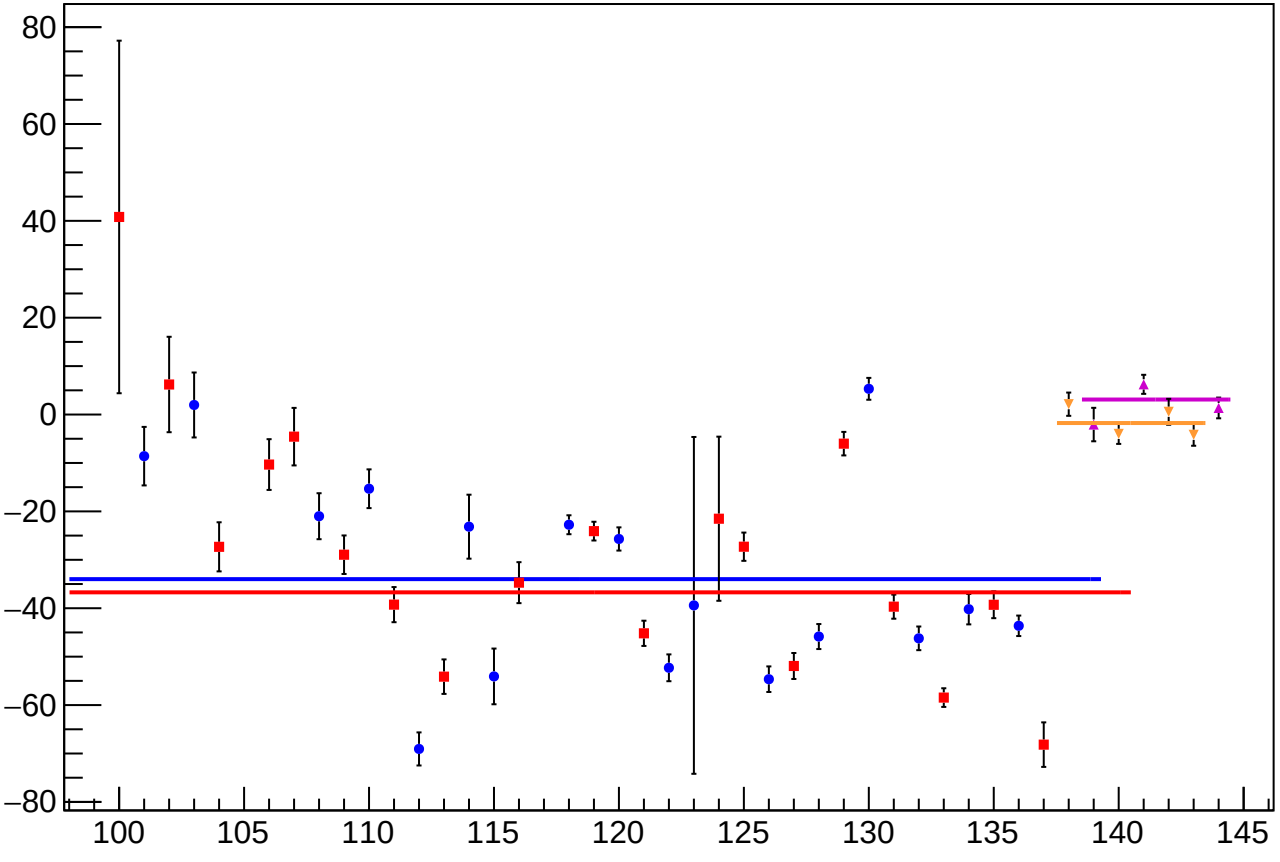
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 72.162+/-0.919 χ^2/NDF:1301.4/19

Out: 58.763+/-0.886 χ^2/NDF:2560.3/22

All: 65.217+/-0.638 χ^2/NDF: 3971.9/42

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: -1.754+/-1.160 χ^2/NDF:5.7/3

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: 3.100+/-1.335 χ^2/NDF:5.4/2

Left: 0.334+/-0.876 χ^2/NDF: 18.7/6

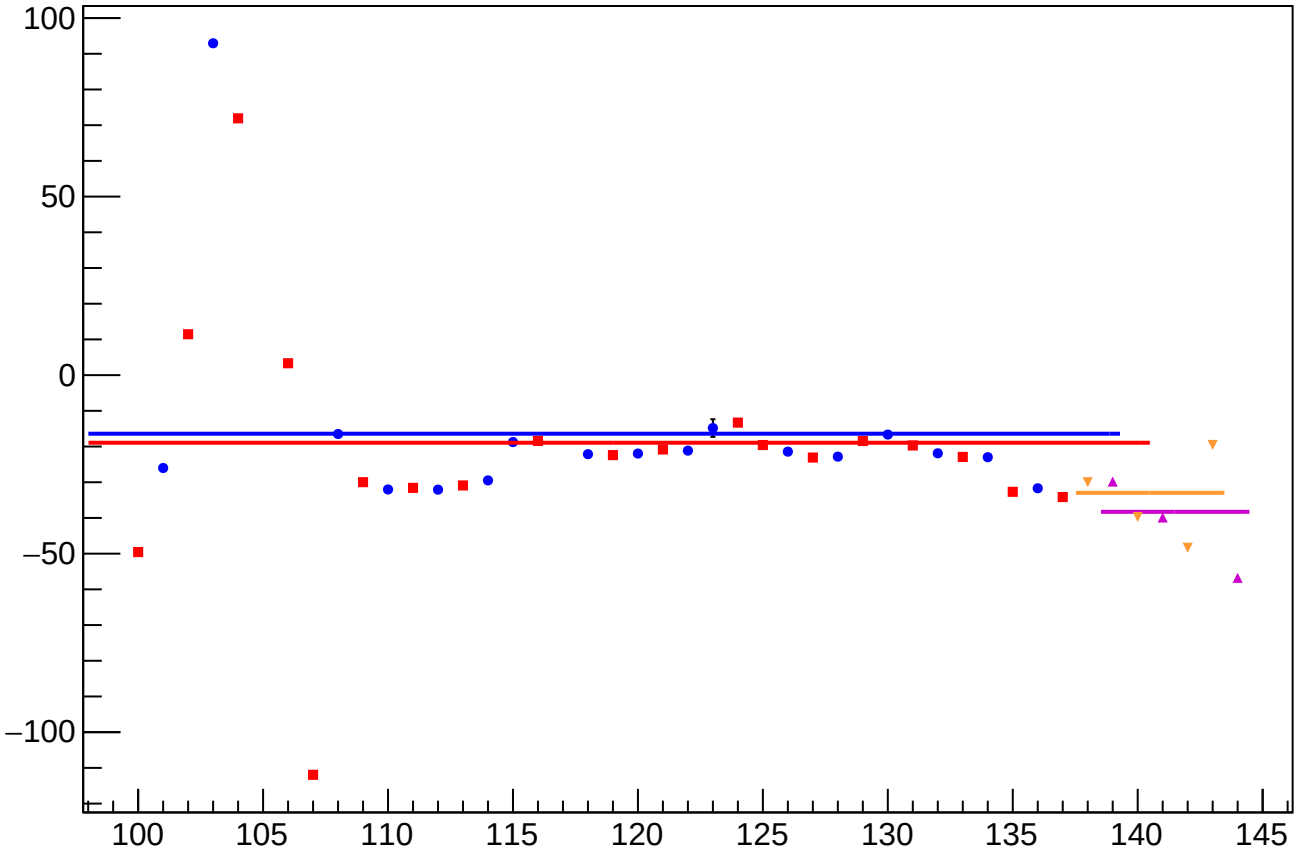
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -25.345+/-0.645 χ^2/NDF:1316.8/19

Out: -26.674+/-0.622 χ^2/NDF:1195.6/22

All: -26.033+/-0.448 χ^2/NDF: 2514.7/42

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: -32.967+/-0.052 χ^2/NDF:29972.8/3

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -38.285+/-0.054 χ^2/NDF:36906.7/2

Left: -35.564+/-0.037 χ^2/NDF: 71923.6/6

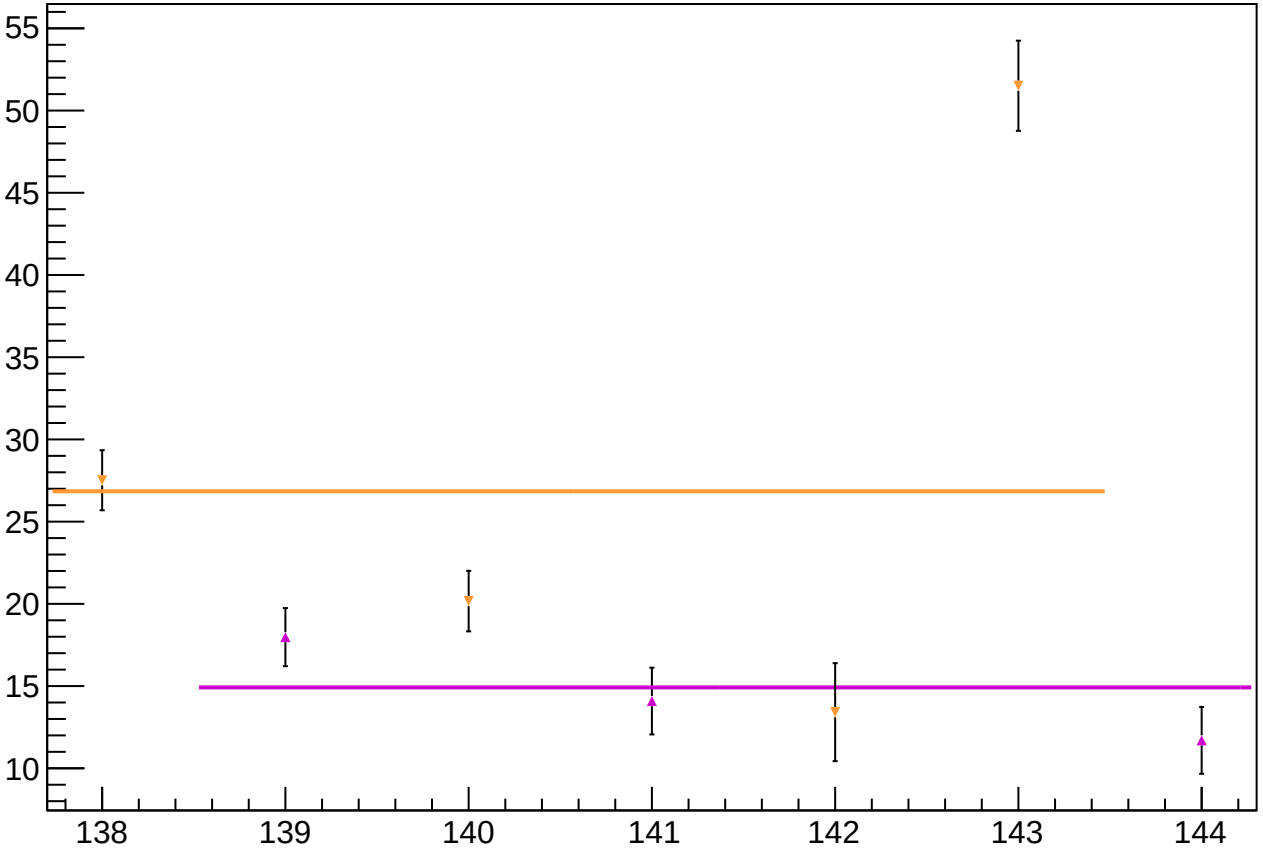
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -25.321+/-0.034 χ^2/NDF:610101.5/19

Out: -24.936+/-0.034 χ^2/NDF:505276.2/22

All: -25.128+/-0.024 χ^2/NDF: 1115441.0/42

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: 26.845+/-1.091 χ^2/NDF:114.6/3

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

Left In: 14.918+/-1.114 χ^2/NDF:5.7/2

Left: 21.010+/-0.780 χ^2/NDF: 178.7/6

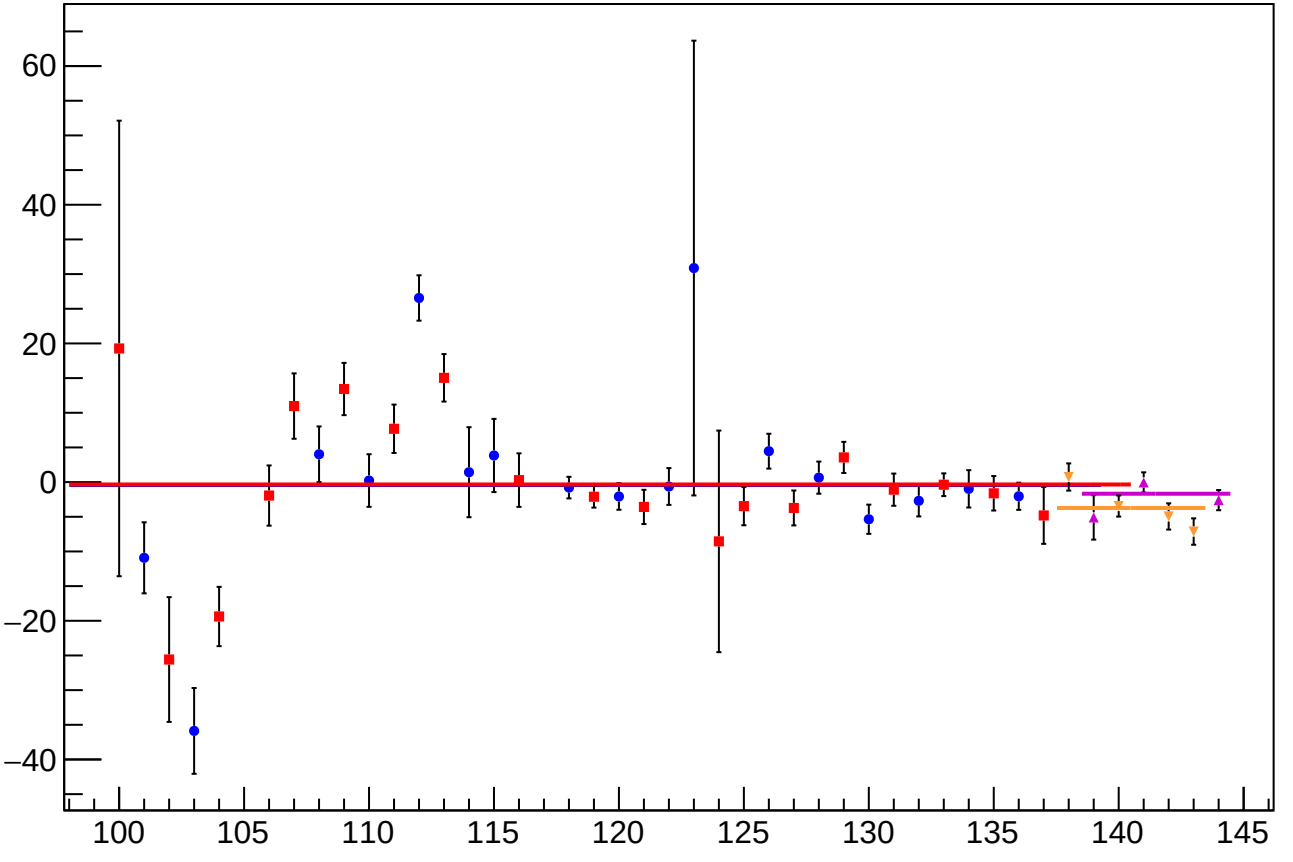
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 14.918+/-1.114 χ^2/NDF:5.7/2

Out: 26.845+/-1.091 χ^2/NDF:114.6/3

All: 21.010+/-0.780 χ^2/NDF: 178.7/6

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: -3.731+/-0.896 χ^2/NDF:8.8/3

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -1.675+/-0.980 χ^2/NDF:2.8/2

Left: -2.795+/-0.661 χ^2/NDF: 14.0/6

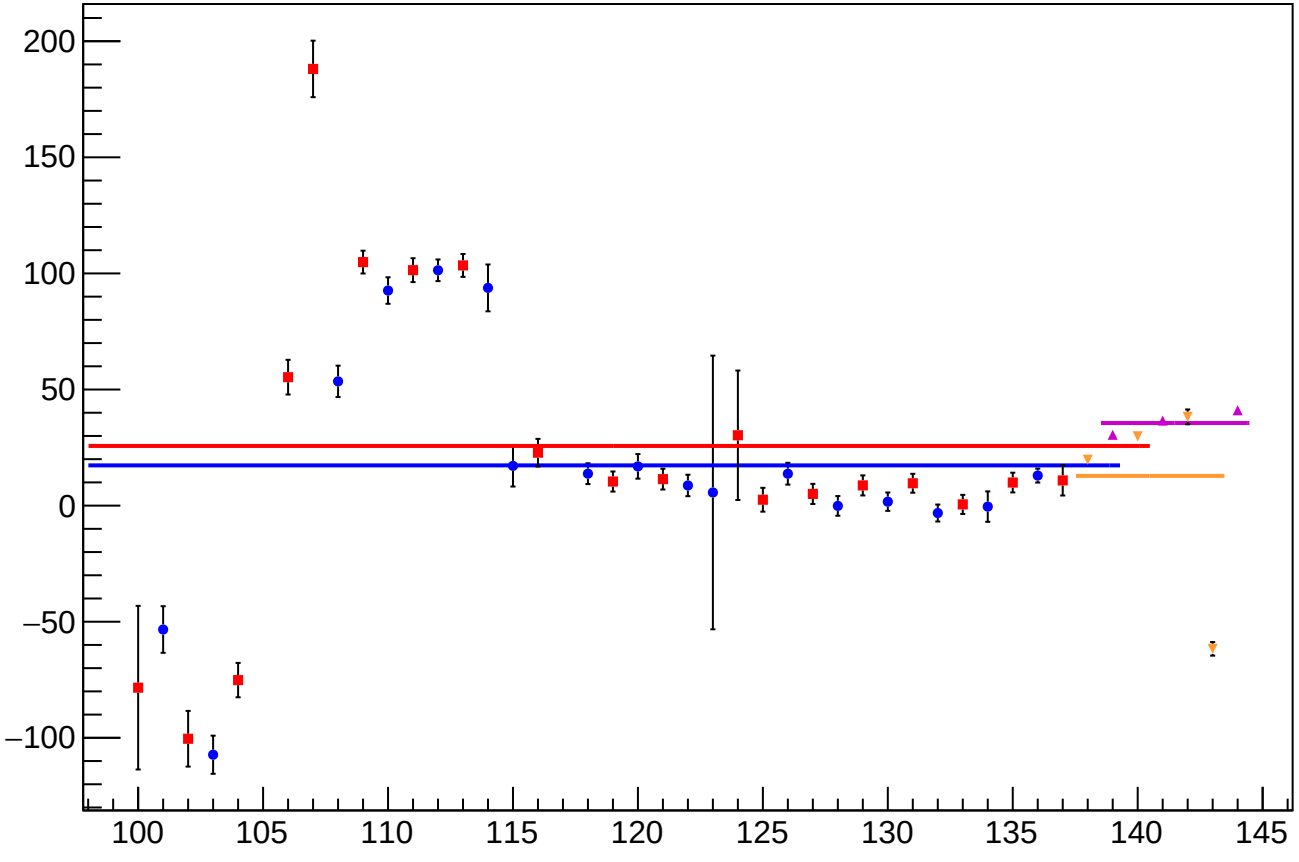
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.802+/-0.544 χ^2/NDF:123.9/19

Out: -1.528+/-0.530 χ^2/NDF:101.8/22

All: -1.174+/-0.380 χ^2/NDF: 226.6/42

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: 12.814+/-1.171 χ^2/NDF:799.2/3

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 35.577+/-1.195 χ^2/NDF:13.6/2

Left: 23.957+/-0.836 χ^2/NDF: 997.9/6

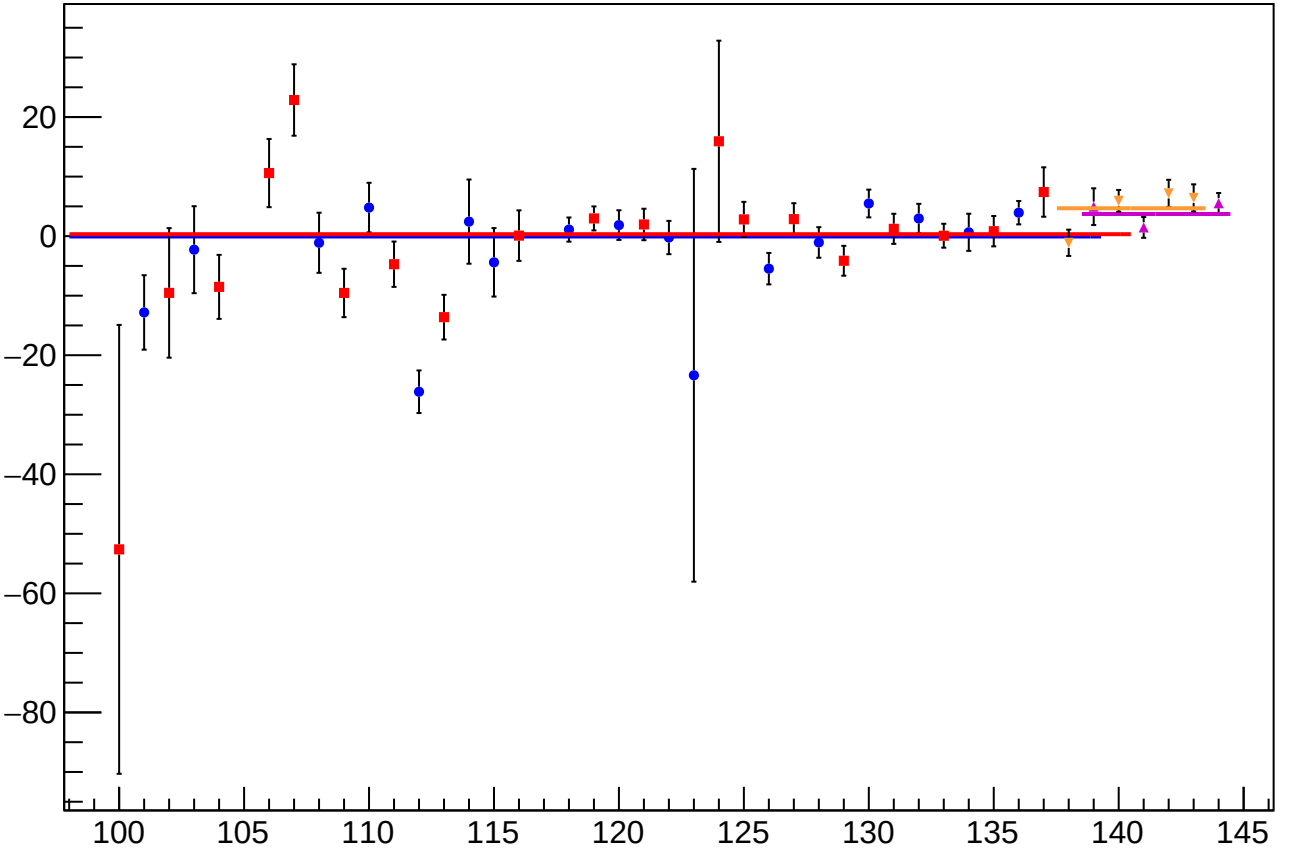
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 26.777+/-0.860 χ^2/NDF:1069.2/19

Out: 18.872+/-0.852 χ^2/NDF:2235.2/22

All: 22.788+/-0.605 χ^2/NDF: 3347.0/42

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: 4.681+/-1.060 χ^2/NDF:9.2/3

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 3.717+/-1.139 χ^2/NDF:2.9/2

Left: 4.234+/-0.776 χ^2/NDF: 12.5/6

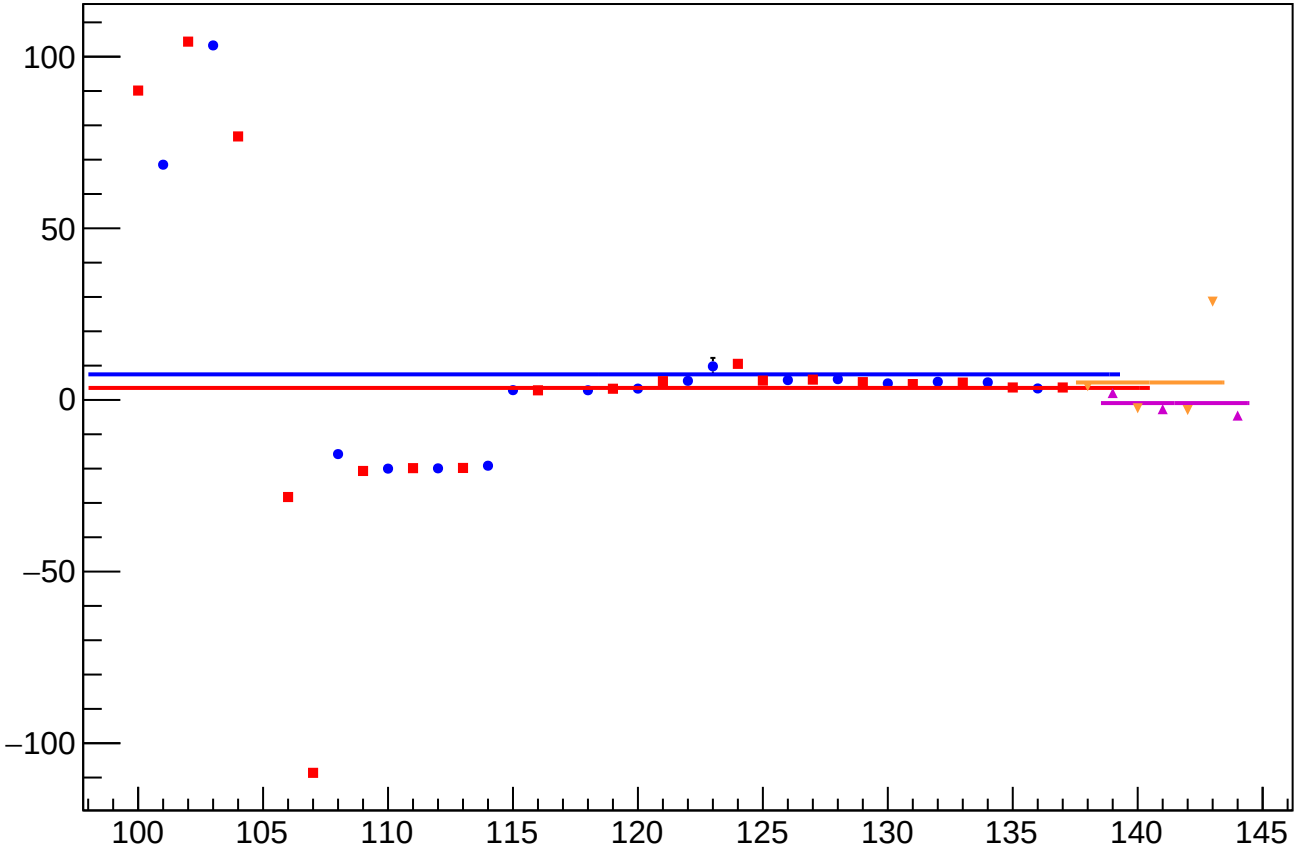
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 1.069+/-0.623 χ^2/NDF:87.2/19

Out: 1.777+/-0.612 χ^2/NDF:75.5/22

All: 1.429+/-0.436 χ^2/NDF: 163.4/42

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: 5.090+/-0.048 χ^2/NDF:52405.1/3

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -0.912+/-0.047 χ^2/NDF:3756.7/2

Left: 2.020+/-0.033 χ^2/NDF: 64292.7/6

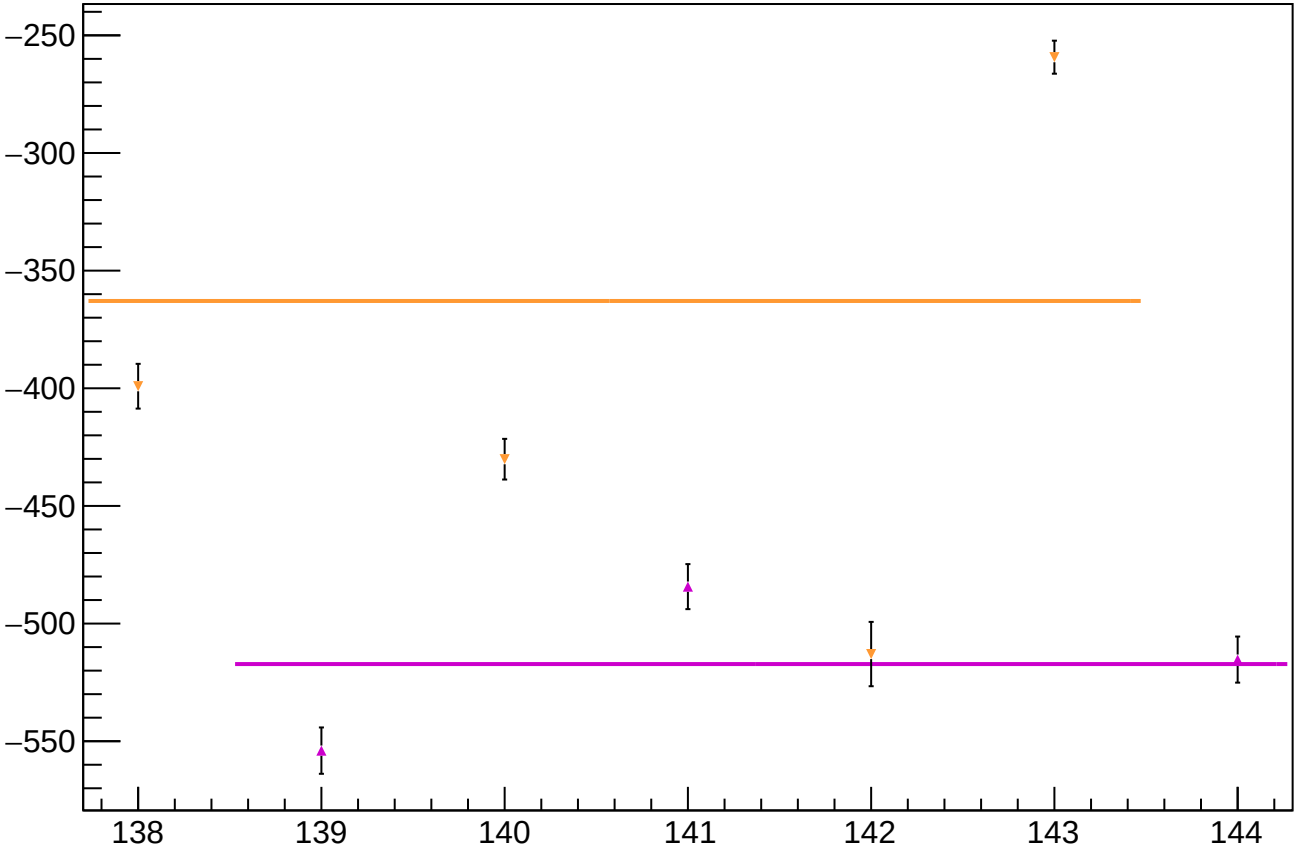
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 3.464+/-0.032 χ^2/NDF:376726.7/19

Out: 4.261+/-0.033 χ^2/NDF:563565.6/22

All: 3.853+/-0.023 χ^2/NDF: 940592.3/42

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: -362.893+/-4.468 χ^2/NDF:413.5/3

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

Left In: -517.208+/-5.620 χ^2/NDF:25.8/2

Left: -422.656+/-3.497 χ^2/NDF: 901.3/6

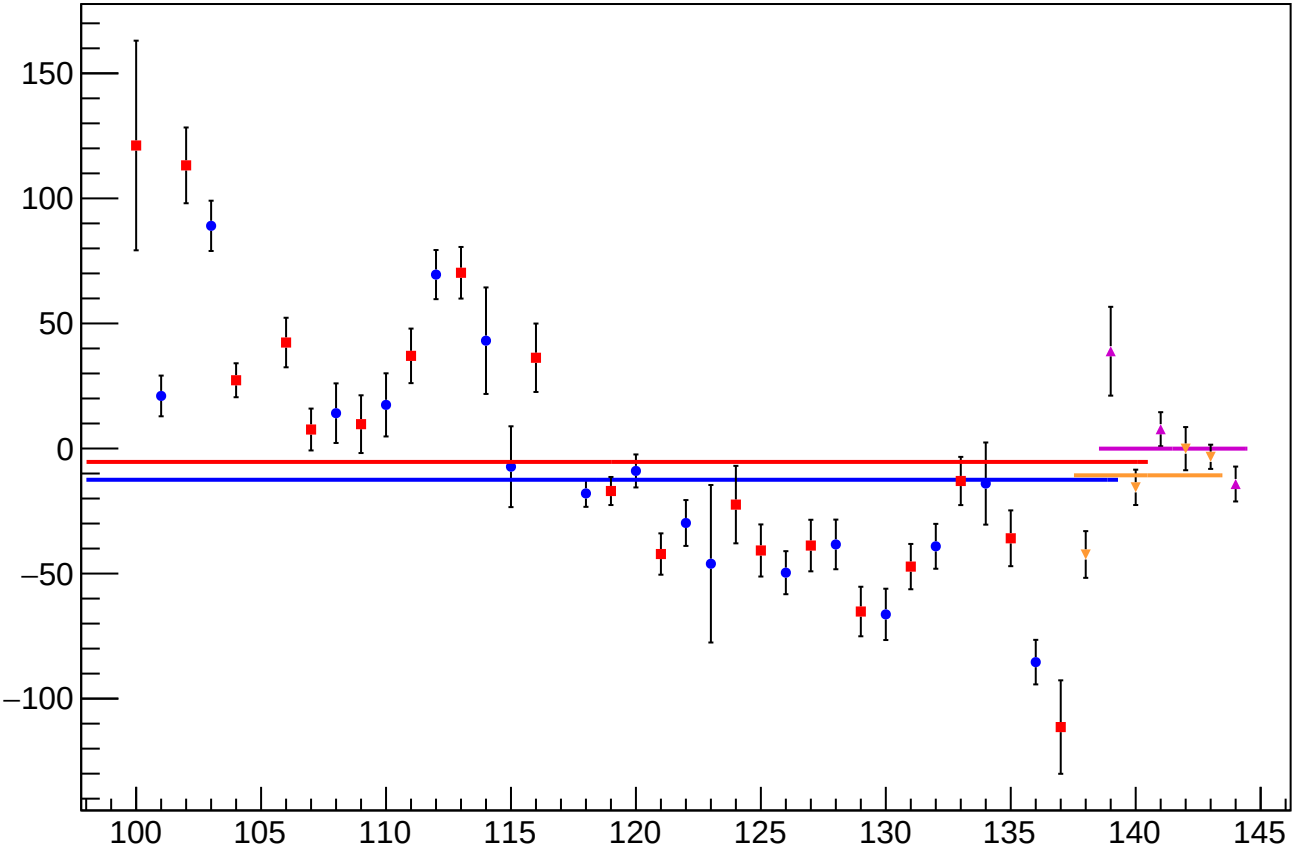
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -517.208+/-5.620 χ^2/NDF:25.8/2

Out: -362.893+/-4.468 χ^2/NDF:413.5/3

All: -422.656+/-3.497 χ^2/NDF: 901.3/6

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500+/-2.311 χ^2/NDF: 341.1/16

Left Out: -10.721+/-3.379 χ^2/NDF:15.8/3

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: -0.052+/-4.700 χ^2/NDF:10.2/2

Left: -7.085+/-2.744 χ^2/NDF: 29.4/6

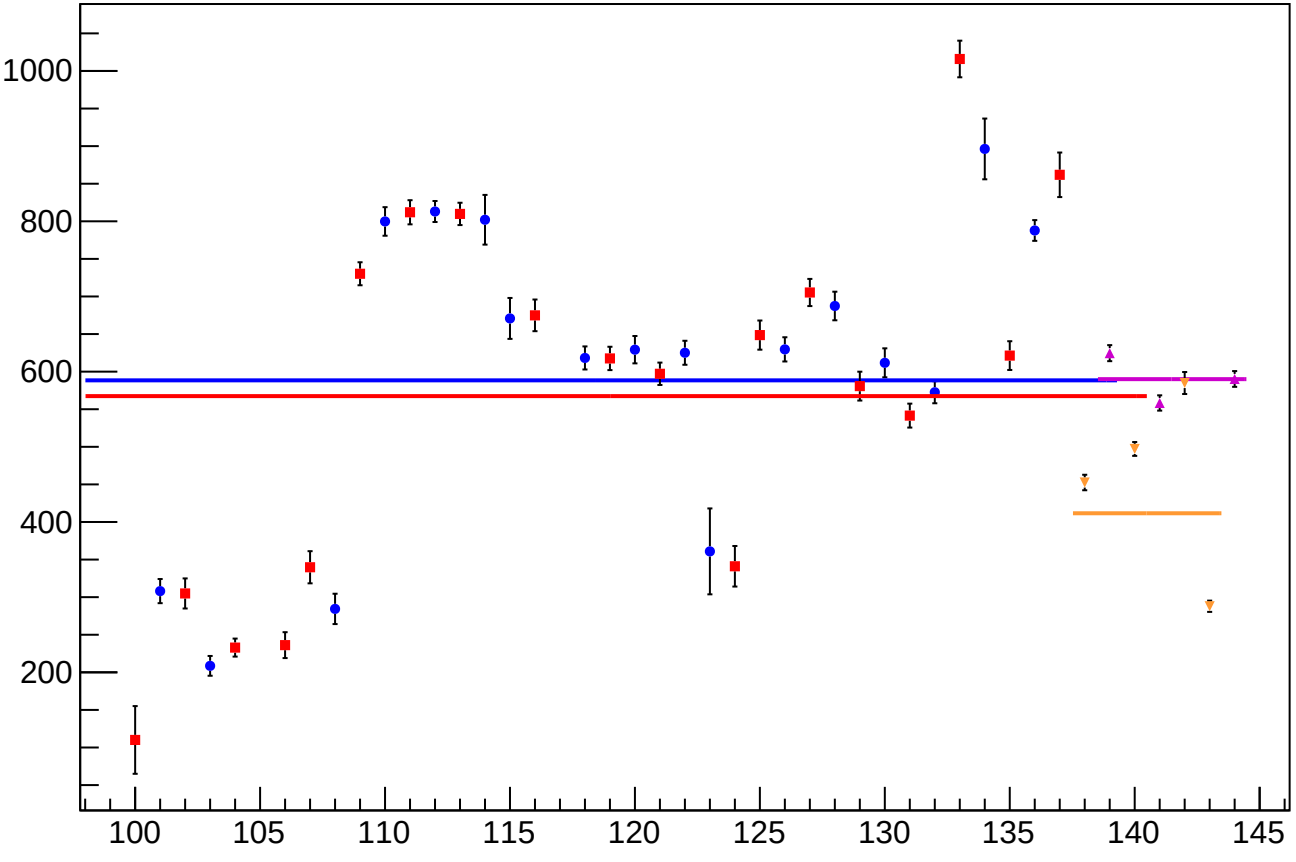
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: -10.076+/-2.074 χ^2/NDF:356.9/19

Out: -7.023+/-1.881 χ^2/NDF:362.1/22

All: -8.401+/-1.393 χ^2/NDF: 720.2/42

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: 411.596+/-4.783 χ^2/NDF:515.2/3

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 590.025+/-6.023 χ^2/NDF:20.2/2

Left: 480.603+/-3.746 χ^2/NDF: 1073.6/6

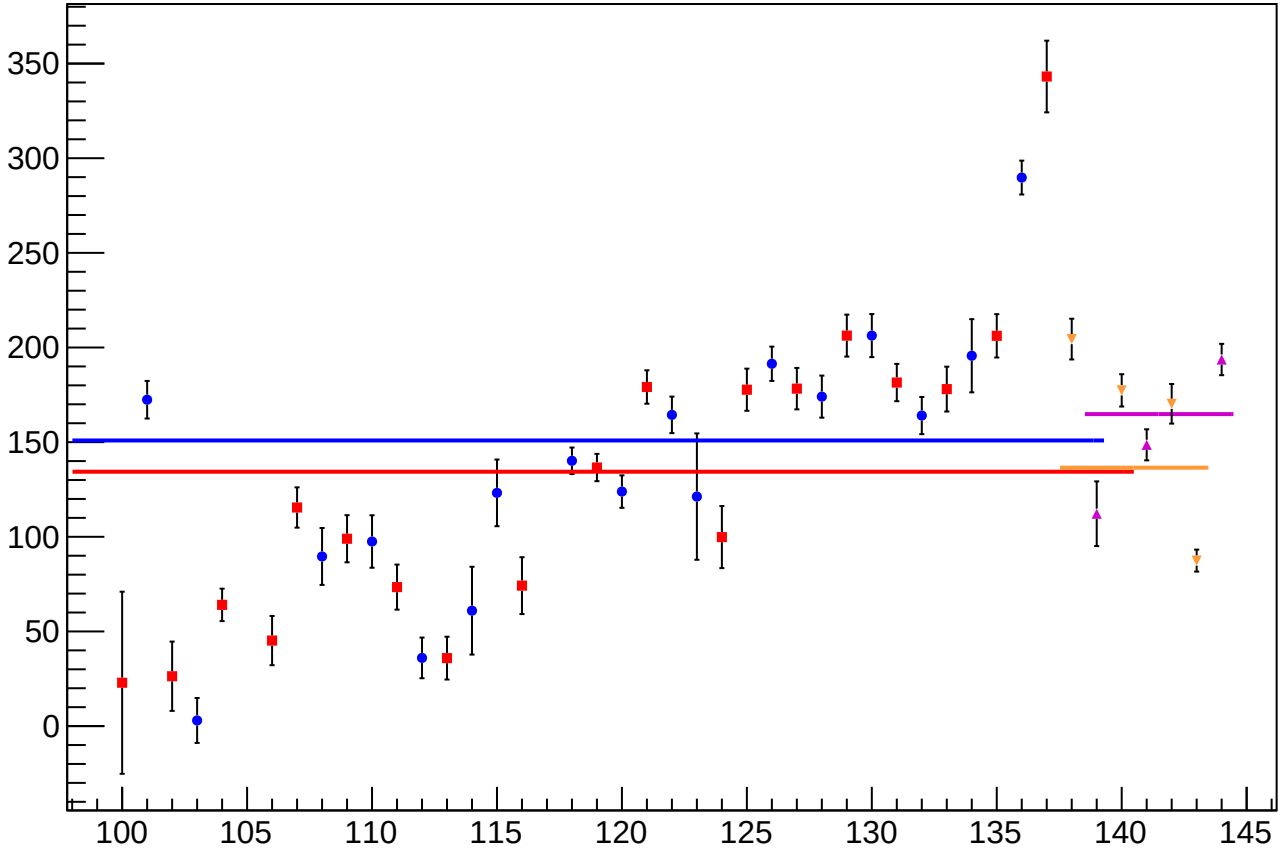
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 588.966+/-3.511 χ^2/NDF:2150.5/19

Out: 500.754+/-3.129 χ^2/NDF:3907.4/22

All: 539.805+/-2.336 χ^2/NDF: 6409.8/42

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: 136.512+/-4.045 χ^2/NDF:144.5/3

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 164.819+/-5.516 χ^2/NDF:25.5/2

Left: 146.411+/-3.262 χ^2/NDF: 187.2/6

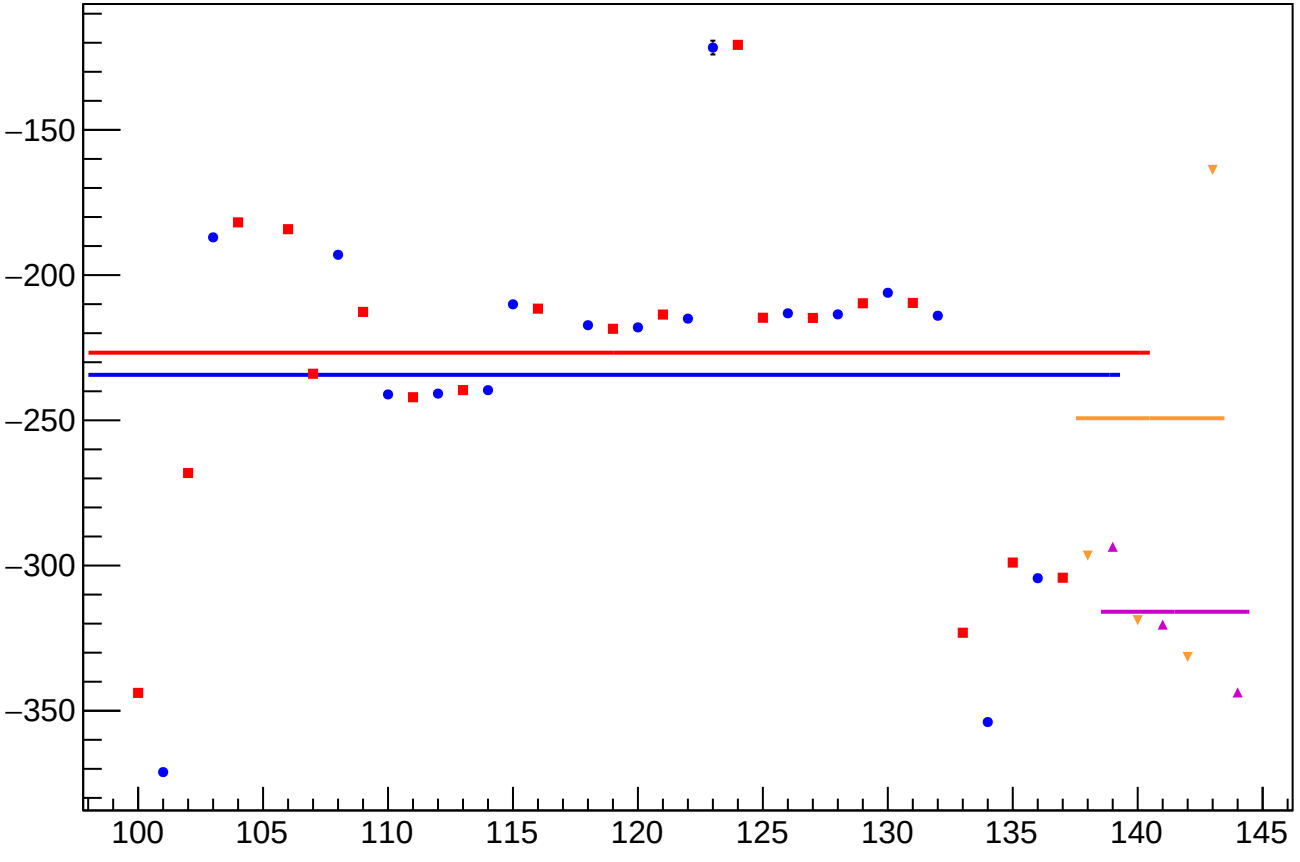
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 153.541+/-2.406 χ^2/NDF:665.5/19

Out: 135.010+/-2.199 χ^2/NDF:729.6/22

All: 143.444+/-1.623 χ^2/NDF: 1427.5/42

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: -249.292+/-0.196 χ^2/NDF:143490.6/3

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -315.910+/-0.238 χ^2/NDF:7337.1/2

Left: -276.261+/-0.151 χ^2/NDF: 197639.1/6

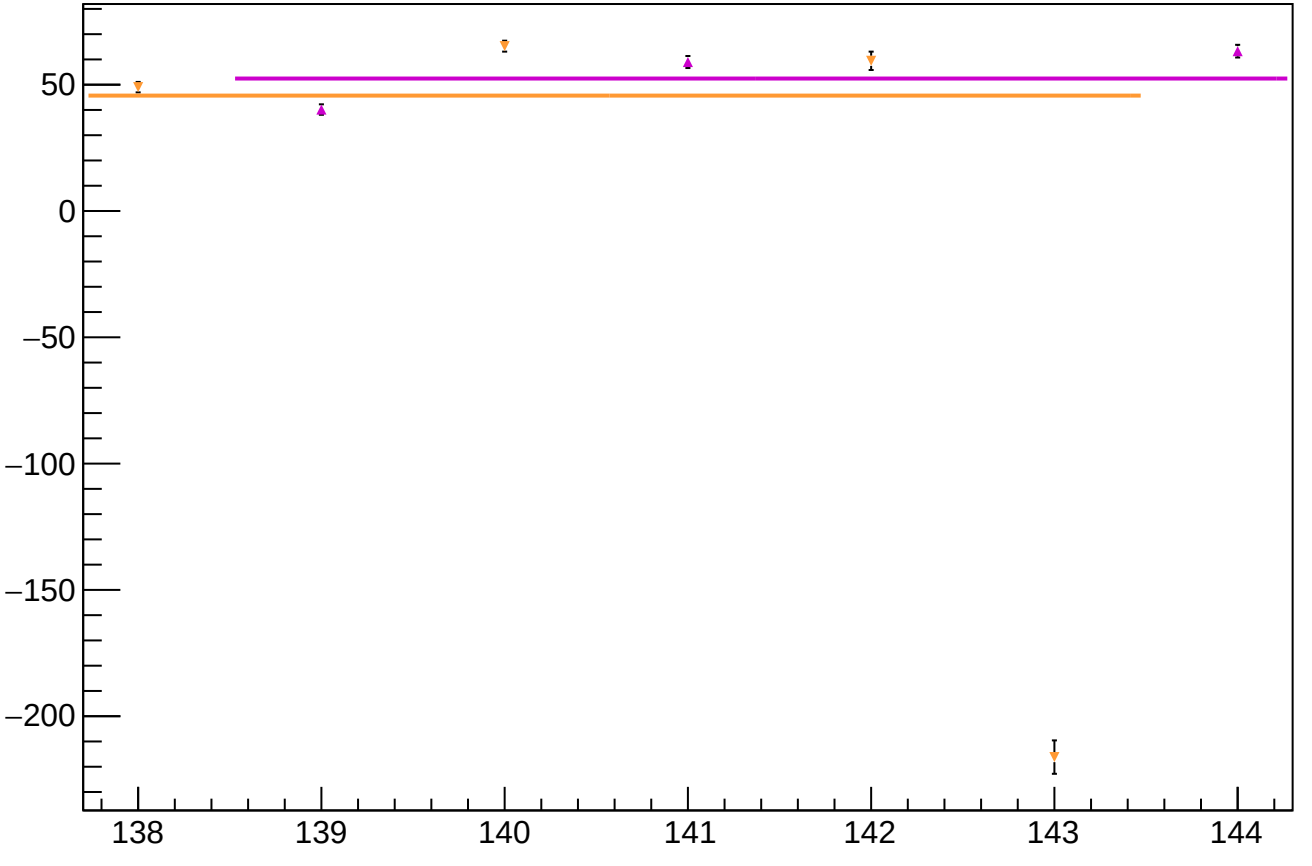
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -257.219+/-0.126 χ^2/NDF:237346.0/19

Out: -234.443+/-0.115 χ^2/NDF:251665.6/22

All: -244.774+/-0.085 χ^2/NDF: 506921.8/42

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: 45.683+/-1.355 χ^2/NDF:1666.4/3

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

Left In: 52.438+/-1.326 χ^2/NDF:61.3/2

Left: 49.132+/-0.948 χ^2/NDF: 1740.5/6

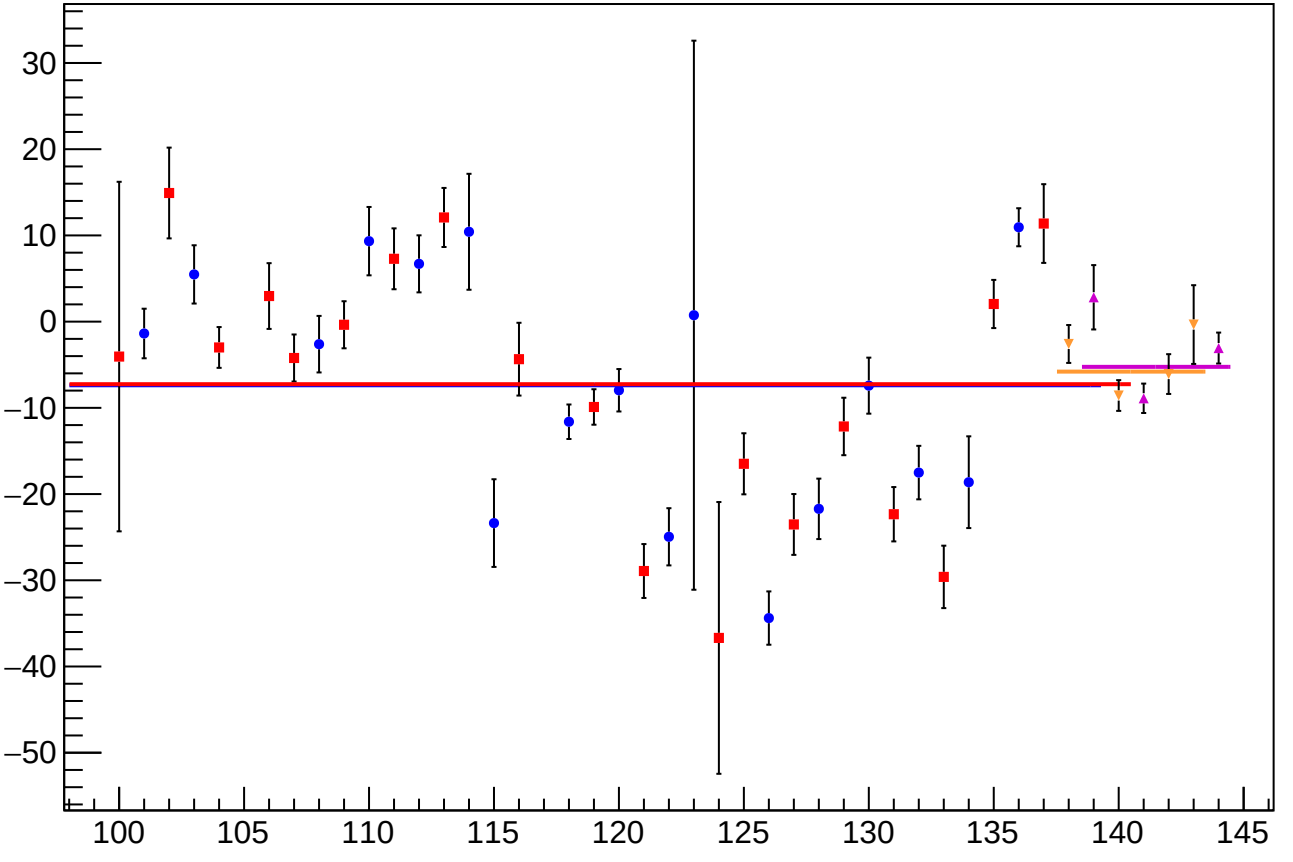
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 52.438+/-1.326 χ^2/NDF:61.3/2

Out: 45.683+/-1.355 χ^2/NDF:1666.4/3

All: 49.132+/-0.948 χ^2/NDF: 1740.5/6

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: -5.797+/-1.149 χ^2/NDF:6.0/3

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -5.244+/-1.174 χ^2/NDF:10.7/2

Left: -5.526+/-0.821 χ^2/NDF: 16.8/6

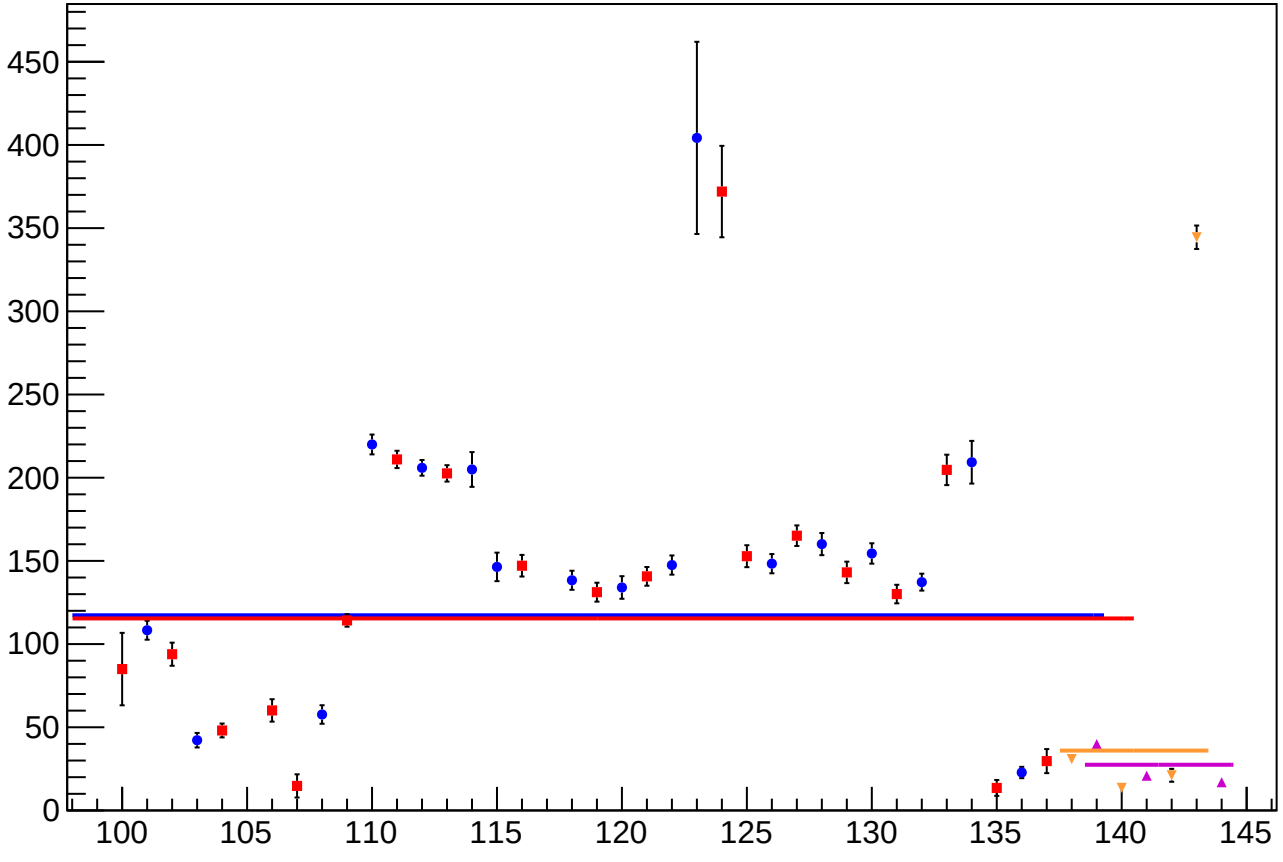
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -6.728+/-0.649 χ^2/NDF:296.6/19

Out: -6.810+/-0.635 χ^2/NDF:264.4/22

All: -6.770+/-0.454 χ^2/NDF: 561.0/42

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: 35.986+/-1.455 χ^2/NDF:2024.6/3

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 27.465+/-1.423 χ^2/NDF:52.7/2

Left: 31.630+/-1.017 χ^2/NDF: 2094.8/6

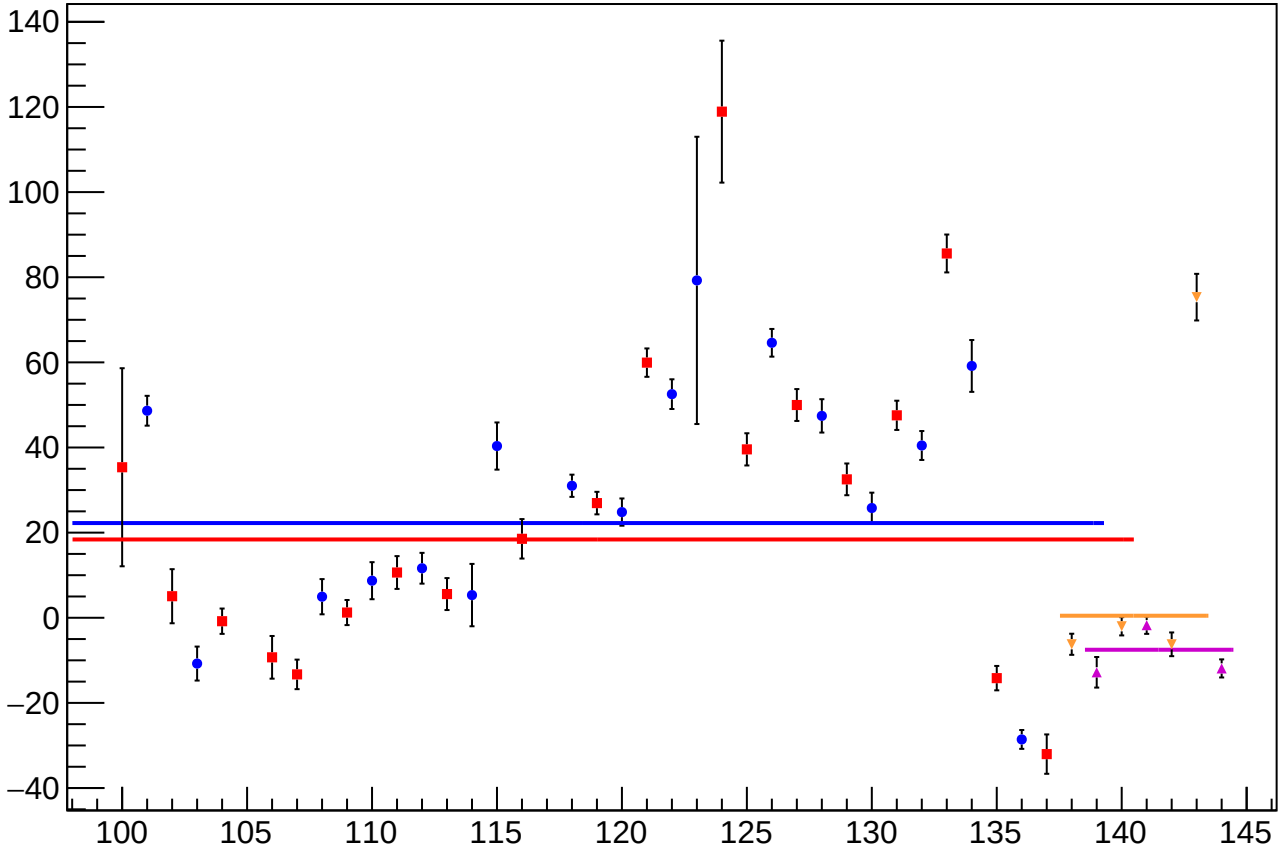
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 72.841+/-1.001 χ^2/NDF:4227.2/19

Out: 78.367+/-0.994 χ^2/NDF:5764.0/22

All: 75.624+/-0.705 χ^2/NDF: 10006.5/42

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: 0.480+/-1.358 χ^2/NDF:201.3/3

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -7.514+/-1.364 χ^2/NDF:14.4/2

Left: -3.499+/-0.962 χ^2/NDF: 232.9/6

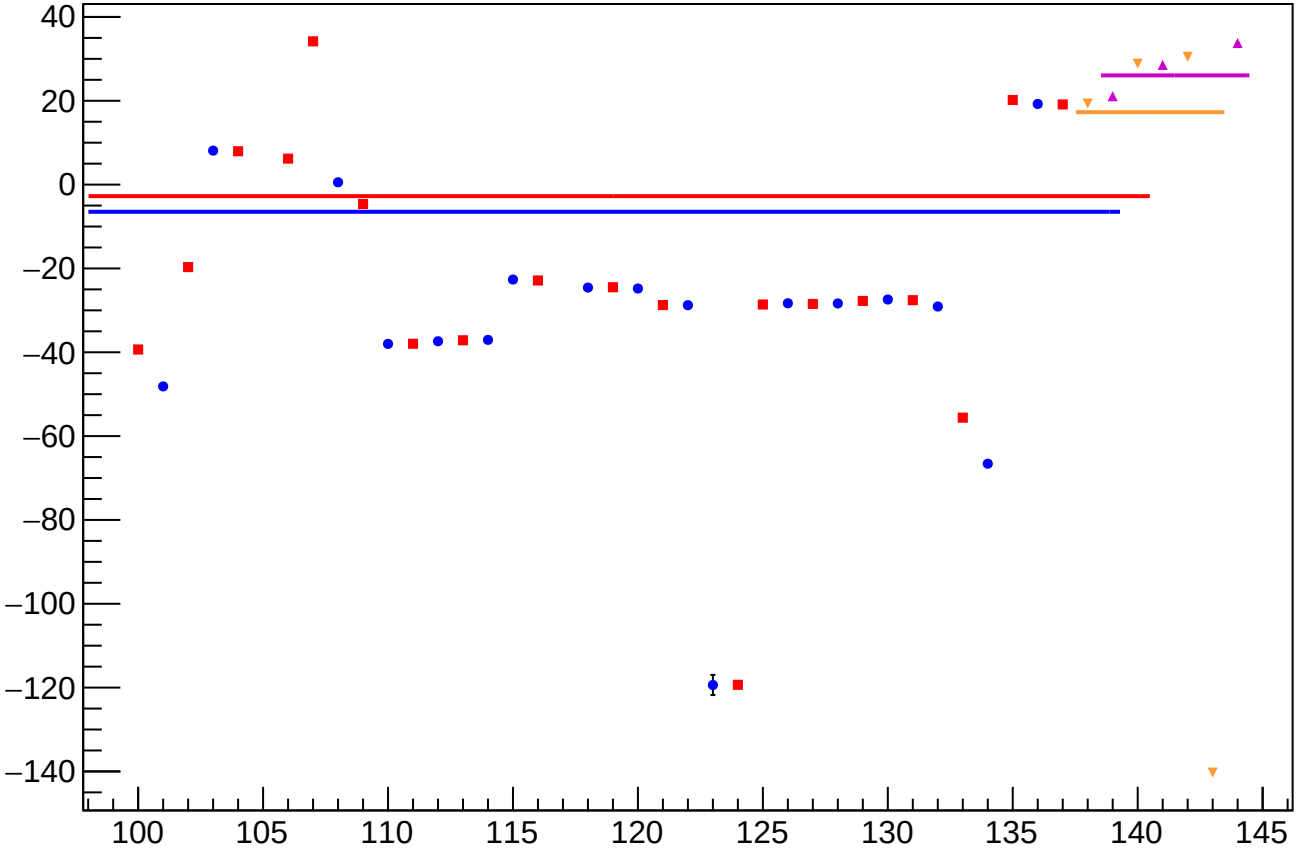
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: 13.372+/-0.745 χ^2/NDF:1420.1/19

Out: 13.165+/-0.734 χ^2/NDF:1401.7/22

All: 13.267+/-0.523 χ^2/NDF: 2821.8/42

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 17.290+/-0.059 χ^2/NDF:330795.1/3

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 26.060+/-0.055 χ^2/NDF:8879.4/2

Left: 22.000+/-0.040 χ^2/NDF: 351406.0/6

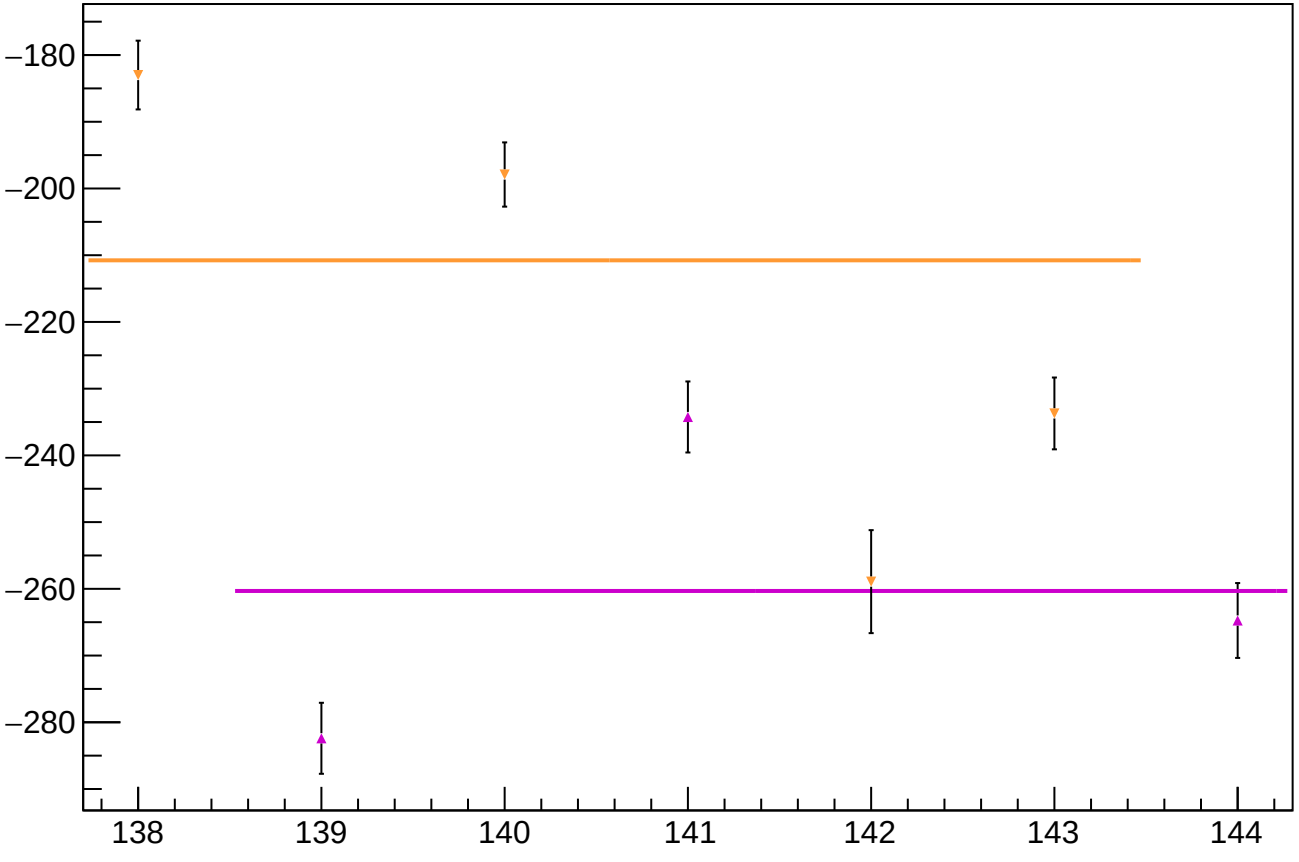
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 6.941+/-0.035 χ^2/NDF:479666.8/19

Out: 4.705+/-0.036 χ^2/NDF:668706.5/22

All: 5.849+/-0.025 χ^2/NDF: 1150323.8/42

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: -210.767+/-2.751 χ^2/NDF:93.3/3

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

Left In: -260.320+/-3.125 χ^2/NDF:41.8/2

Left: -232.401+/-2.065 χ^2/NDF: 276.8/6

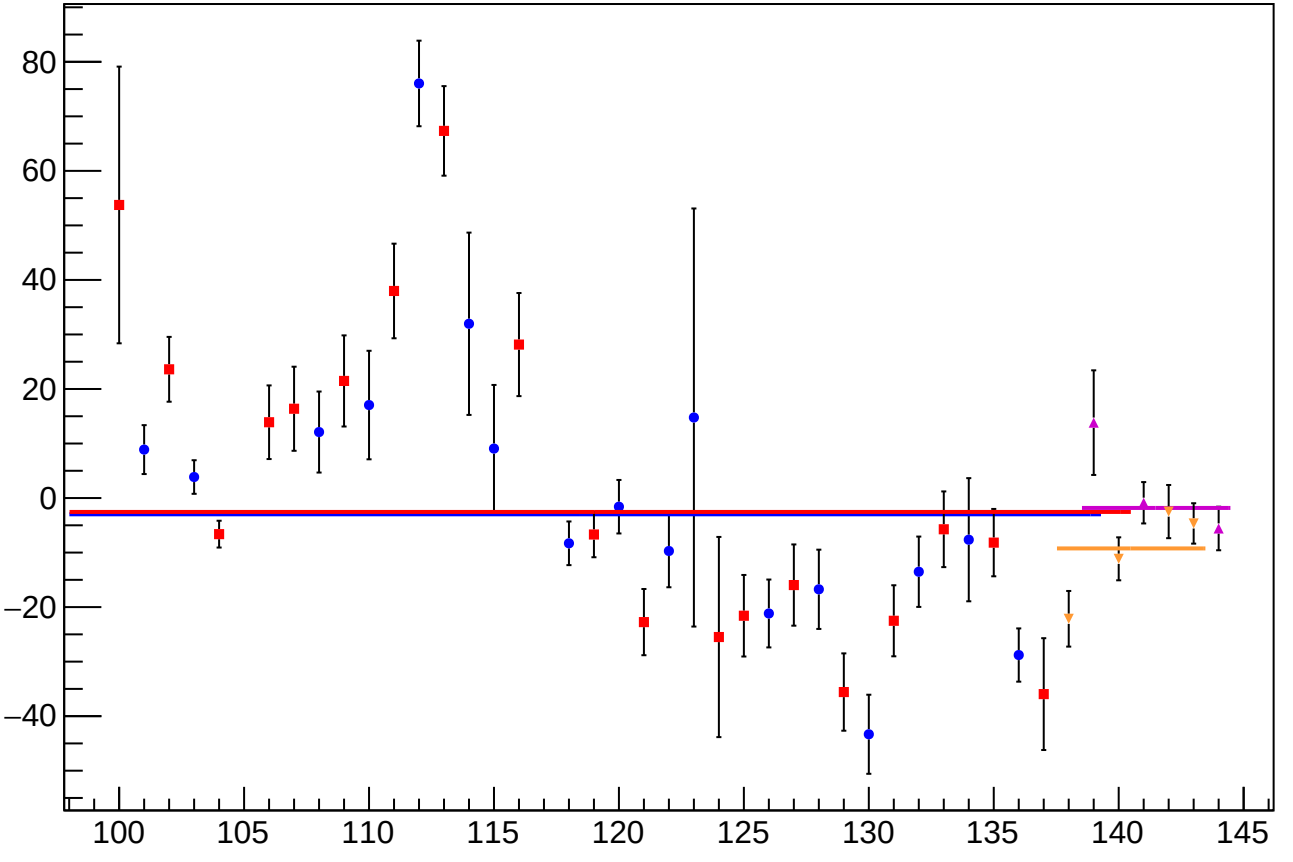
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -260.320+/-3.125 χ^2/NDF:41.8/2

Out: -210.767+/-2.751 χ^2/NDF:93.3/3

All: -232.401+/-2.065 χ^2/NDF: 276.8/6

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981+/-1.450 χ^2/NDF: 203.9/16

Left Out: -9.240+/-2.143 χ^2/NDF:10.1/3

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: -1.815+/-2.644 χ^2/NDF:3.6/2

Left: -6.296+/-1.665 χ^2/NDF: 18.4/6

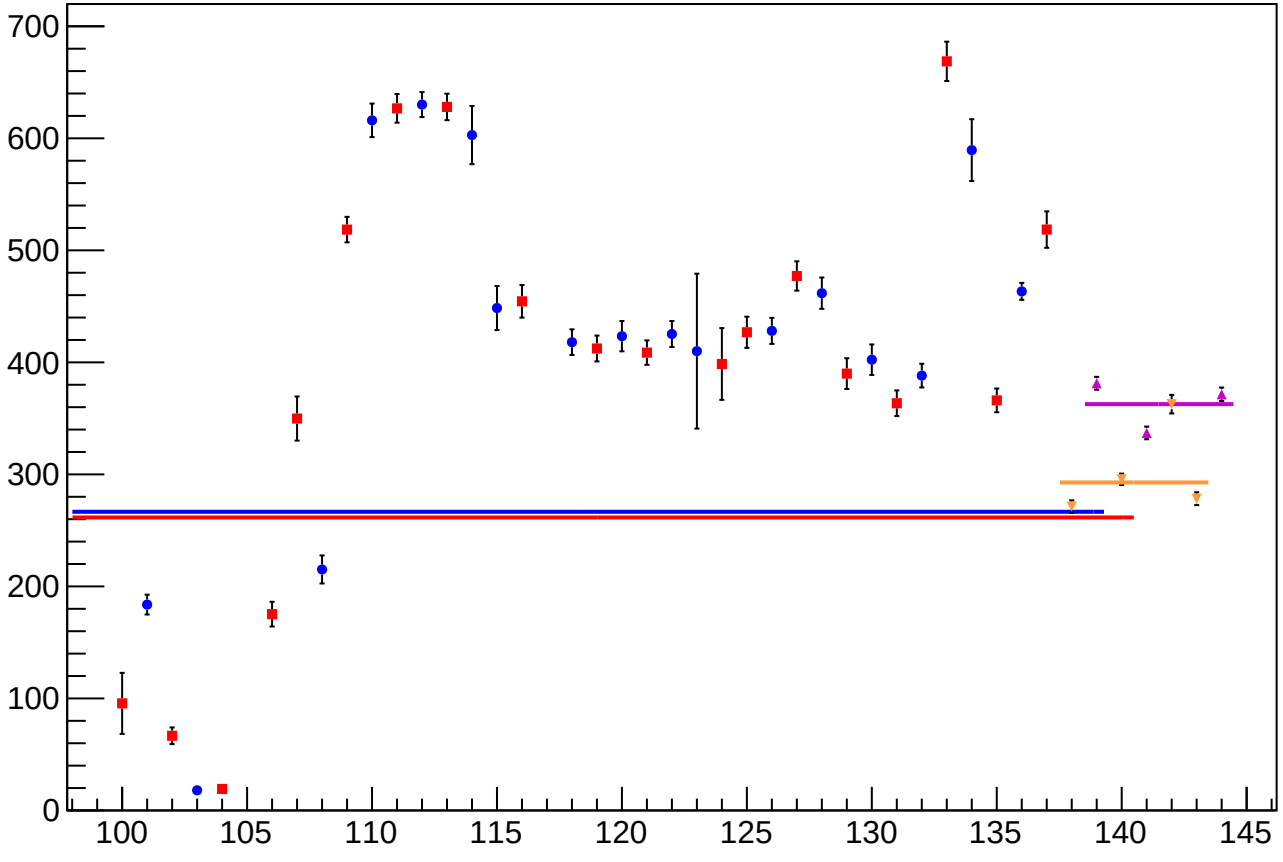
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: -2.712+/-1.272 χ^2/NDF:207.7/19

Out: -4.547+/-1.171 χ^2/NDF:235.0/22

All: -3.705+/-0.862 χ^2/NDF: 443.8/42

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: 292.805+/-2.948 χ^2/NDF:93.1/3

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 362.739+/-3.350 χ^2/NDF:33.2/2

Left: 323.327+/-2.213 χ^2/NDF: 371.9/6

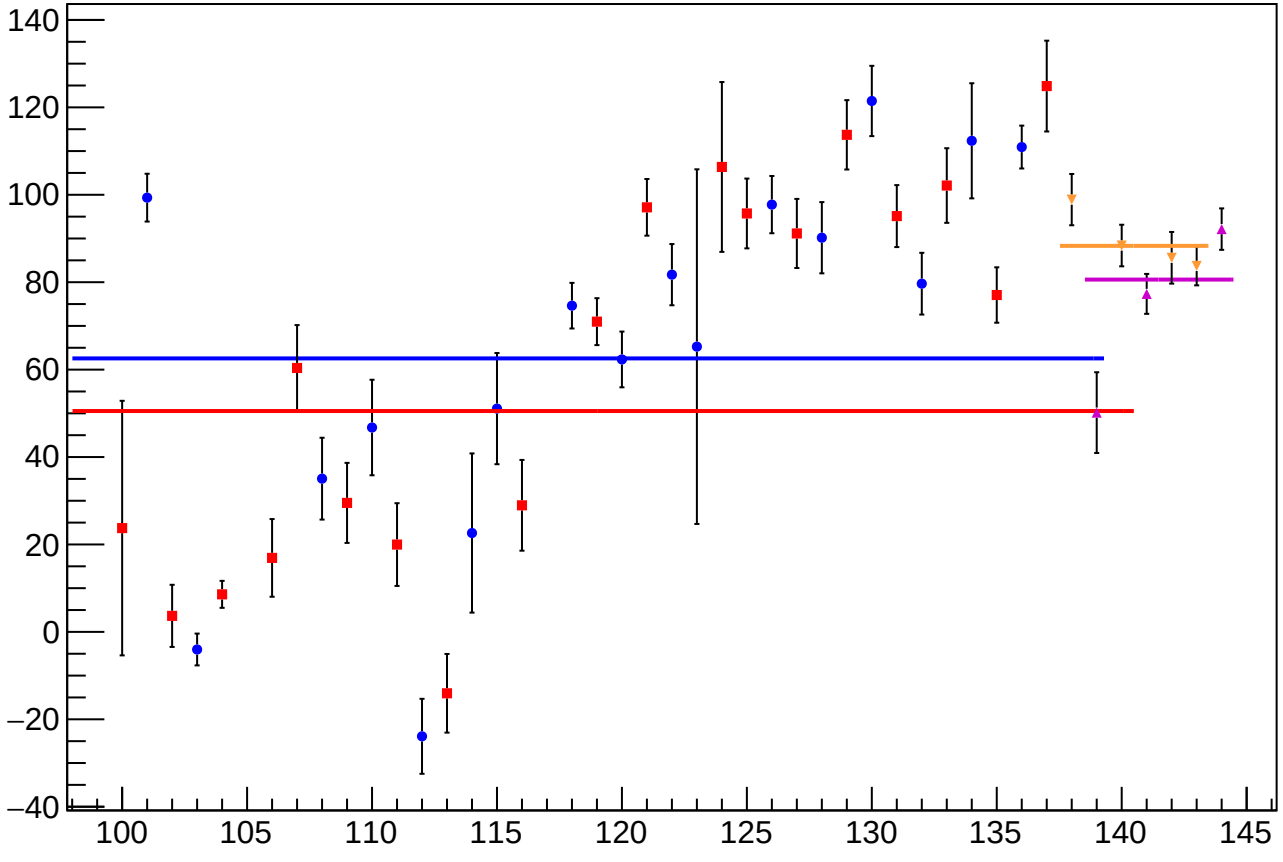
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 300.601+/-1.992 χ^2/NDF:8228.1/19

Out: 274.366+/-1.888 χ^2/NDF:8367.6/22

All: 286.781+/-1.370 χ^2/NDF: 16687.1/42

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: 88.317+/-2.561 χ^2/NDF:4.5/3

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 80.599+/-3.099 χ^2/NDF:17.3/2

Left: 85.184+/-1.974 χ^2/NDF: 25.5/6

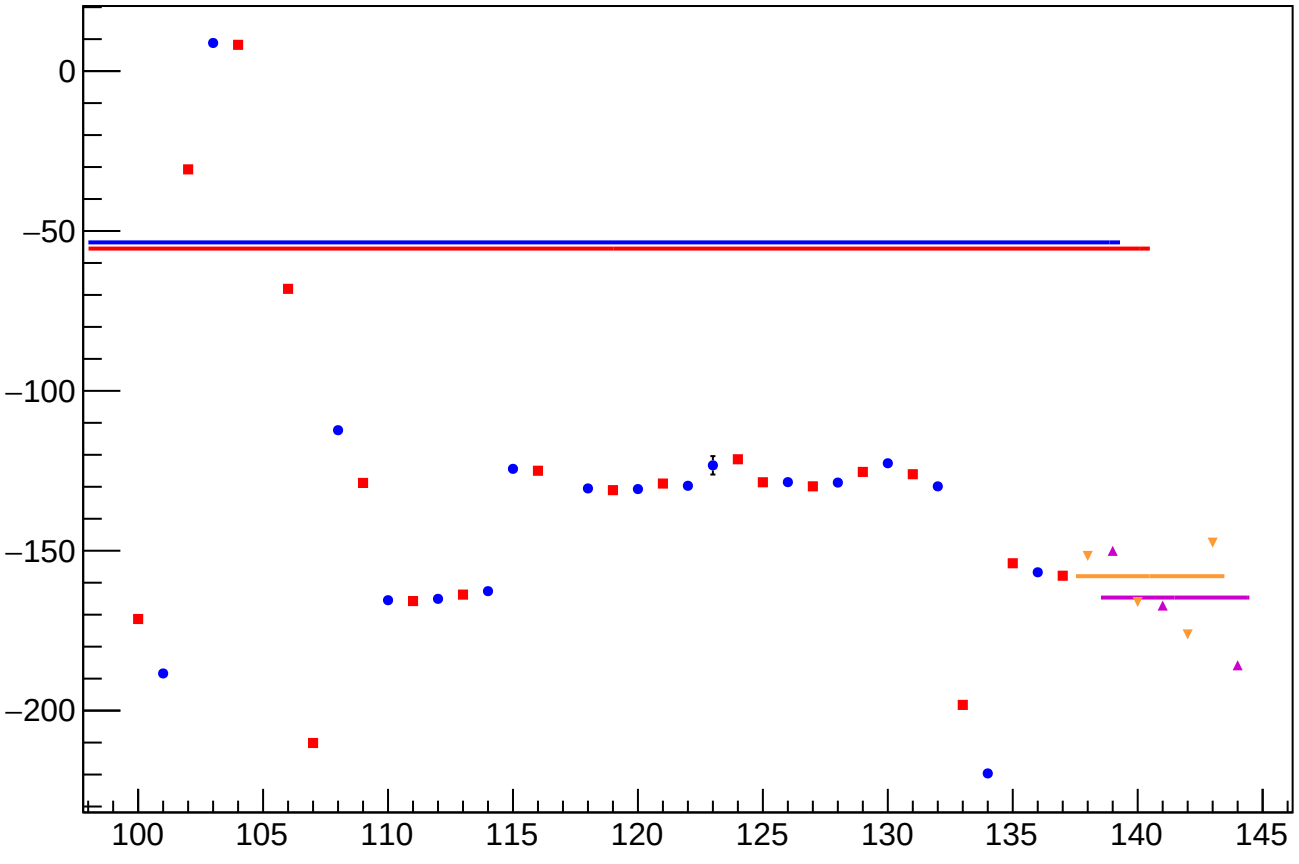
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 66.656+/-1.476 χ^2/NDF:765.9/19

Out: 61.548+/-1.383 χ^2/NDF:815.8/22

All: 63.937+/-1.009 χ^2/NDF: 1588.0/42

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: -157.962+/-0.121 χ^2/NDF:7183.2/3

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -164.648+/-0.132 χ^2/NDF:11792.9/2

Left: -161.029+/-0.089 χ^2/NDF: 20373.1/6

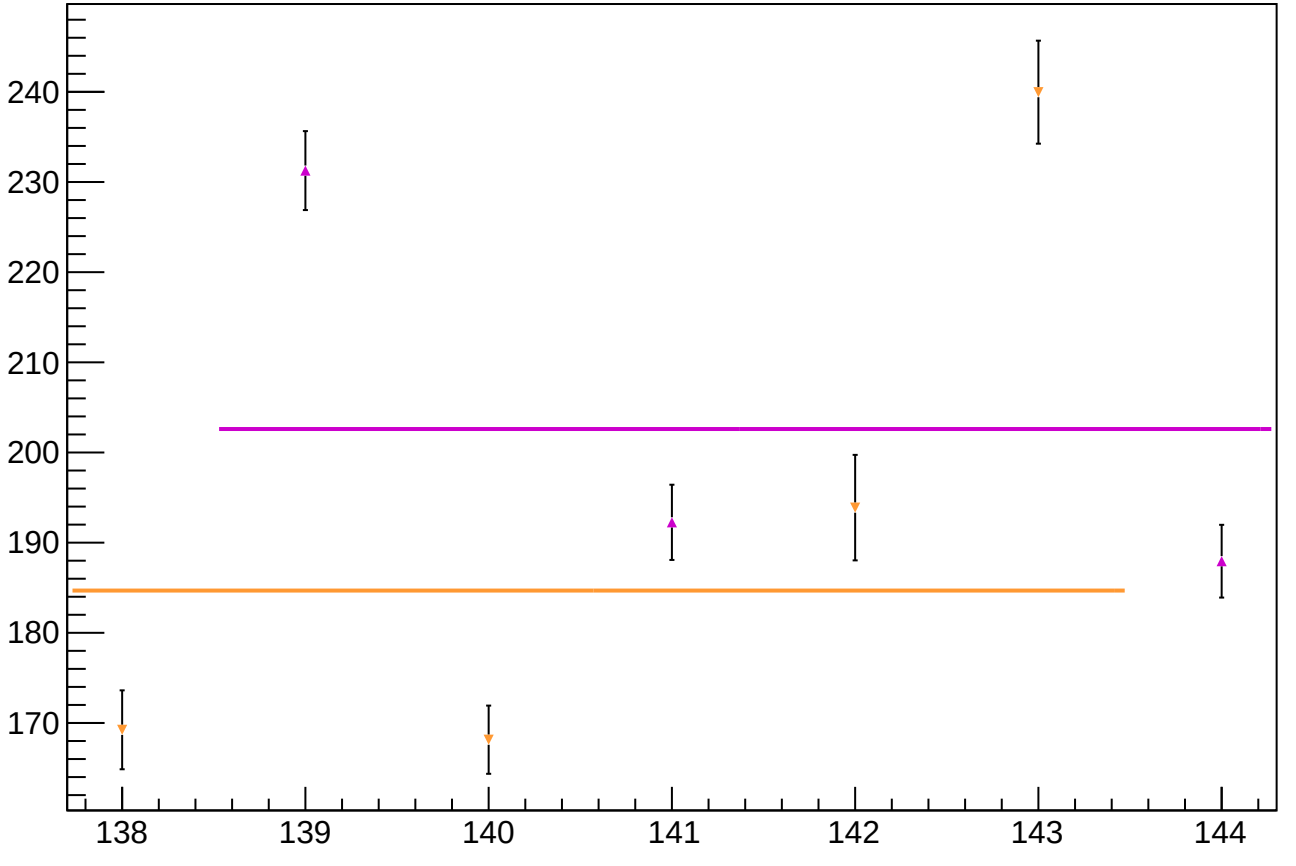
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -78.209+/-0.062 χ^2/NDF:1796308.6/19

Out: -82.188+/-0.062 χ^2/NDF:1505629.8/22

All: -80.204+/-0.044 χ^2/NDF: 3304003.9/42

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: 184.687+/-2.344 χ^2/NDF:127.7/3

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

Left In: 202.604+/-2.418 χ^2/NDF:62.2/2

Left: 193.369+/-1.683 χ^2/NDF: 218.2/6

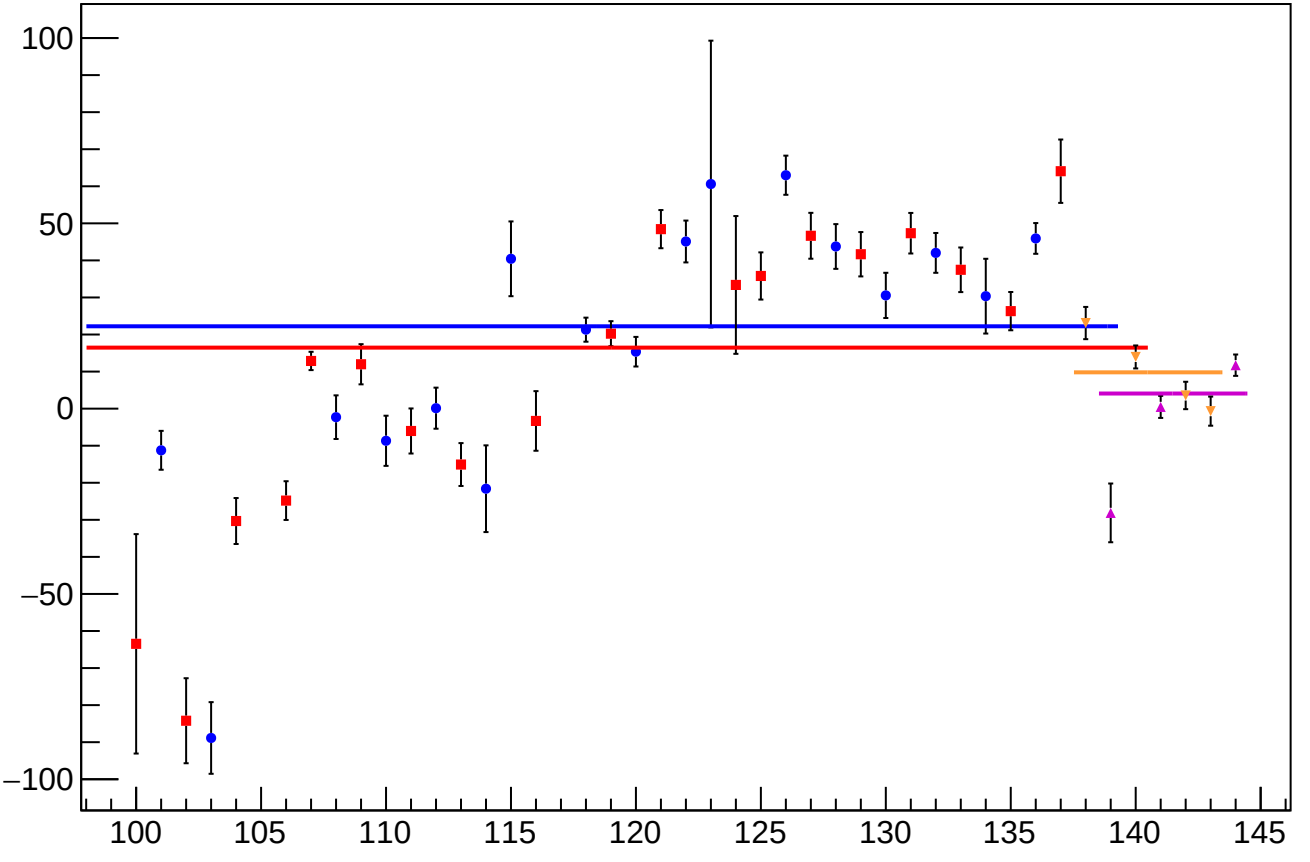
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 202.604+/-2.418 χ^2/NDF:62.2/2

Out: 184.687+/-2.344 χ^2/NDF:127.7/3

All: 193.369+/-1.683 χ^2/NDF: 218.2/6

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: 9.797+/-1.841 χ^2/NDF:21.1/3

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 4.080+/-2.003 χ^2/NDF:25.0/2

Left: 7.179+/-1.355 χ^2/NDF: 50.6/6

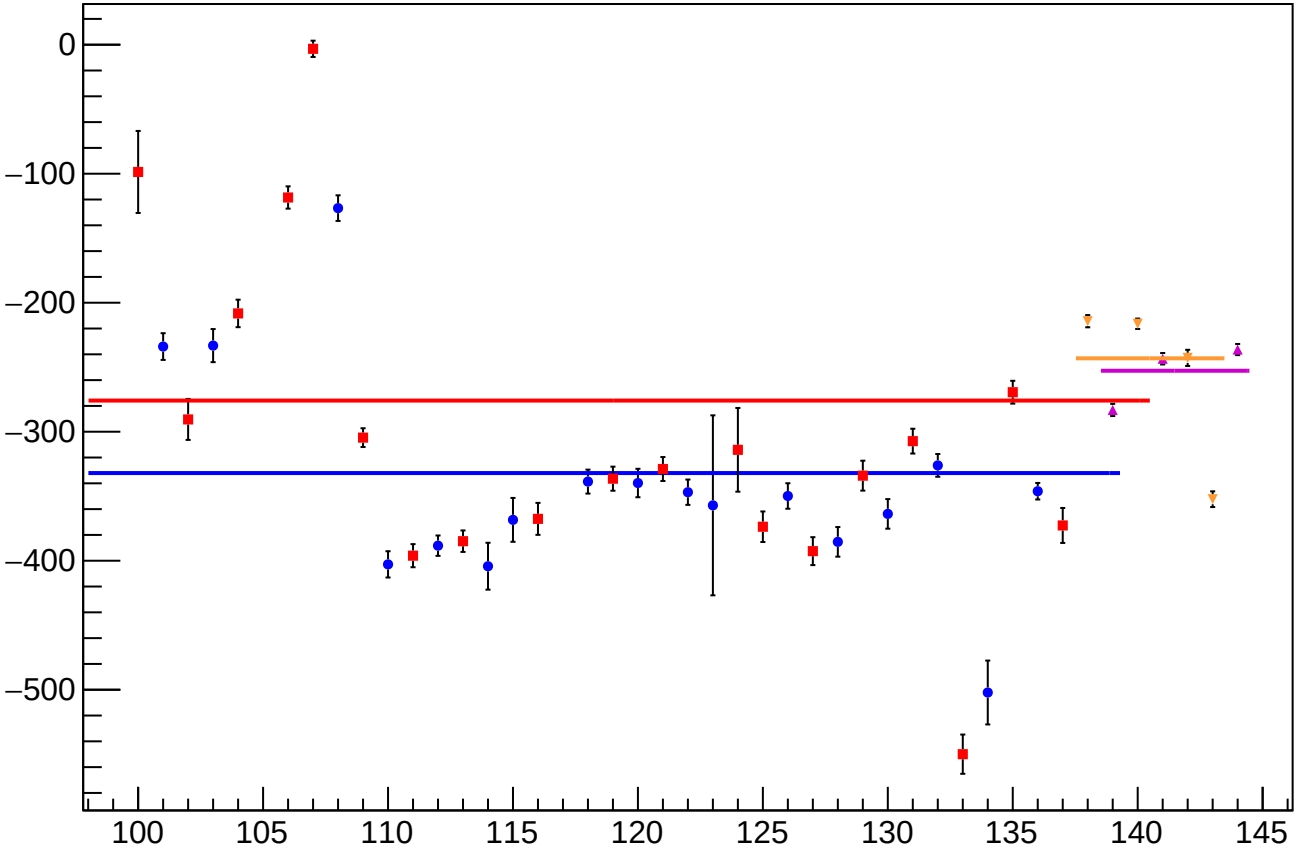
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 16.416+/-1.133 χ^2/NDF:466.4/19

Out: 14.409+/-1.022 χ^2/NDF:456.1/22

All: 15.310+/-0.759 χ^2/NDF: 924.2/42

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: -243.101+/-2.512 χ^2/NDF:401.9/3

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -252.734+/-2.590 χ^2/NDF:60.0/2

Left: -247.769+/-1.803 χ^2/NDF: 469.1/6

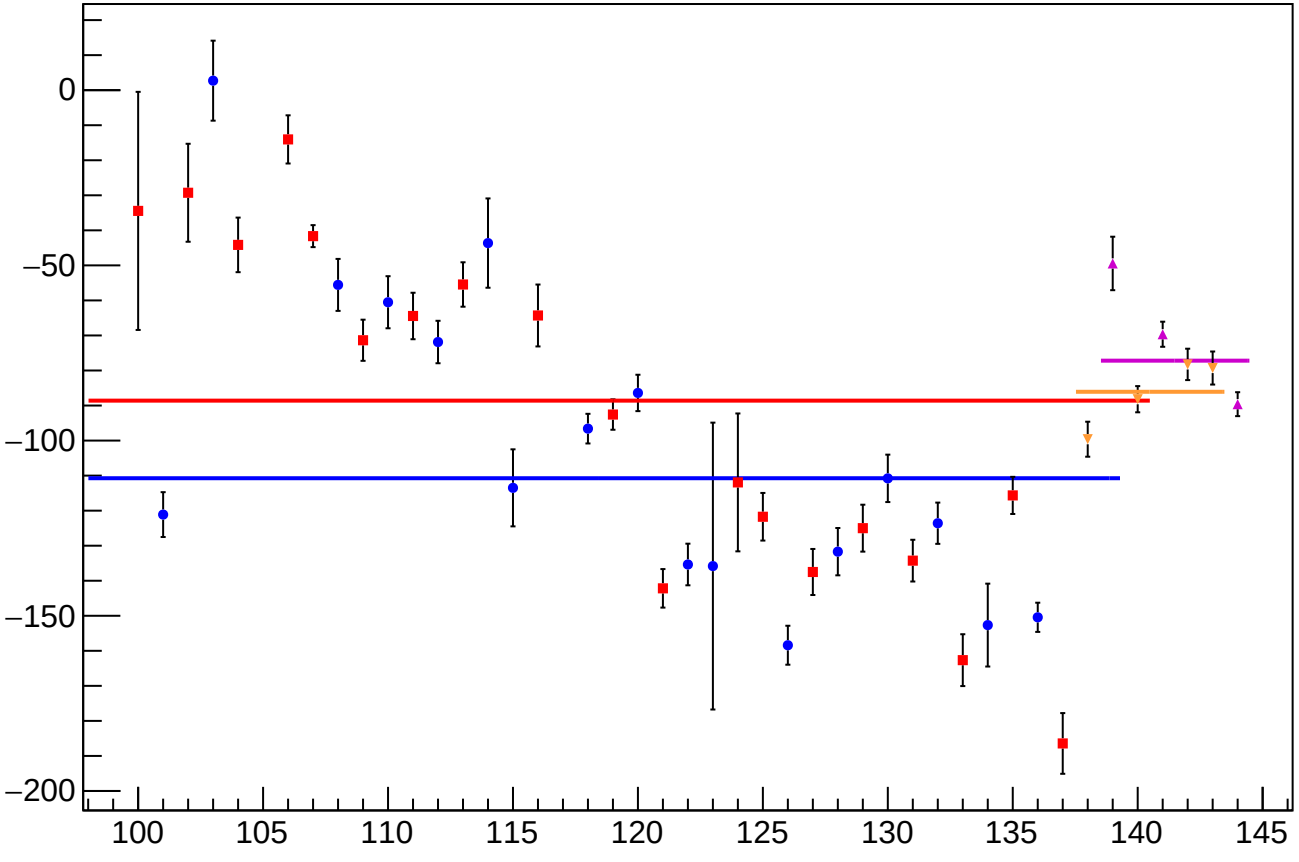
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -292.825+/-1.822 χ^2/NDF:1318.7/19

Out: -260.746+/-1.706 χ^2/NDF:3856.4/22

All: -275.736+/-1.245 χ^2/NDF: 5340.3/42

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: -86.074+/-2.201 χ^2/NDF:12.8/3

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -77.193+/-2.351 χ^2/NDF:30.9/2

Left: -81.926+/-1.607 χ^2/NDF: 51.3/6

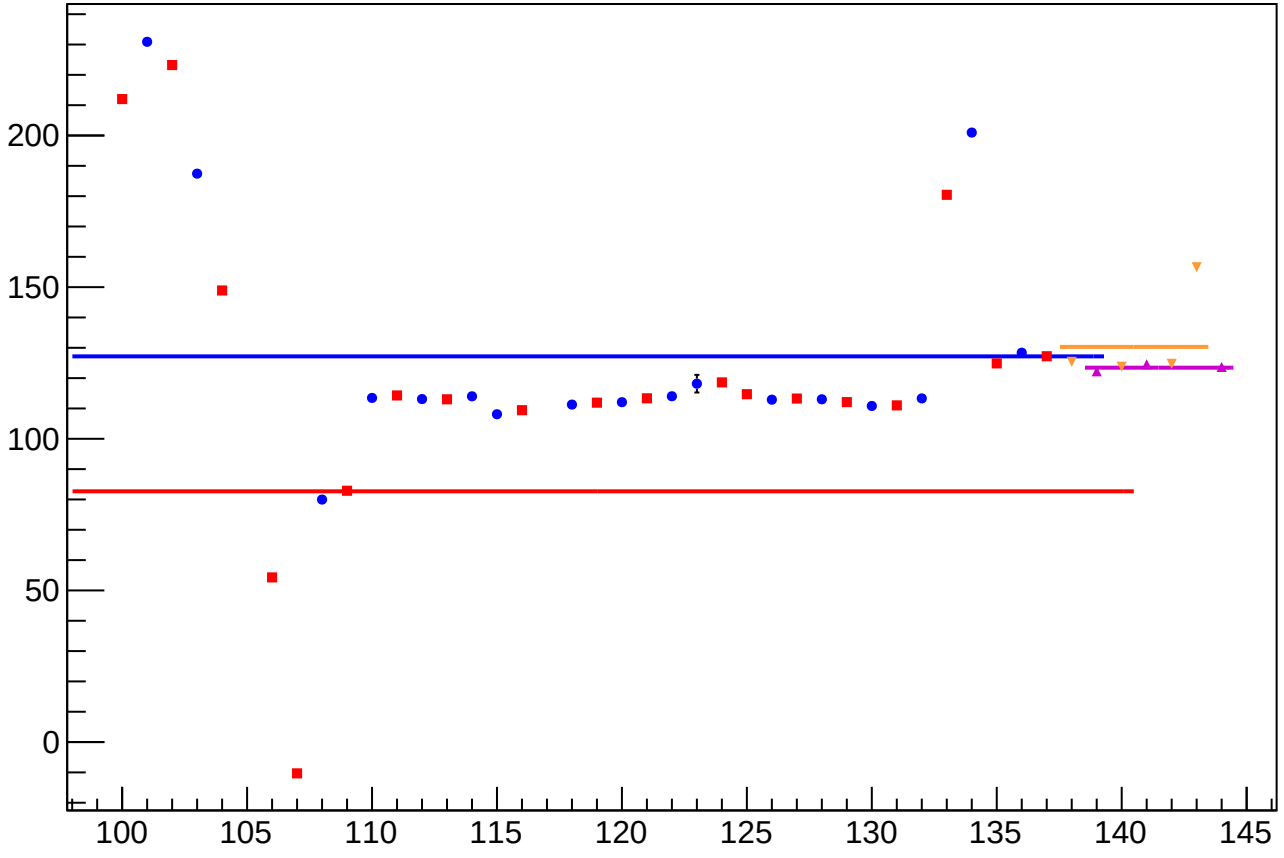
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -100.327+/-1.310 χ^2/NDF:684.7/19

Out: -87.847+/-1.202 χ^2/NDF:983.4/22

All: -93.550+/-0.886 χ^2/NDF: 1717.5/42

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: 130.298+/-0.104 χ^2/NDF:14060.0/3

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 123.448+/-0.103 χ^2/NDF:93.2/2

Left: 126.842+/-0.073 χ^2/NDF: 16356.0/6

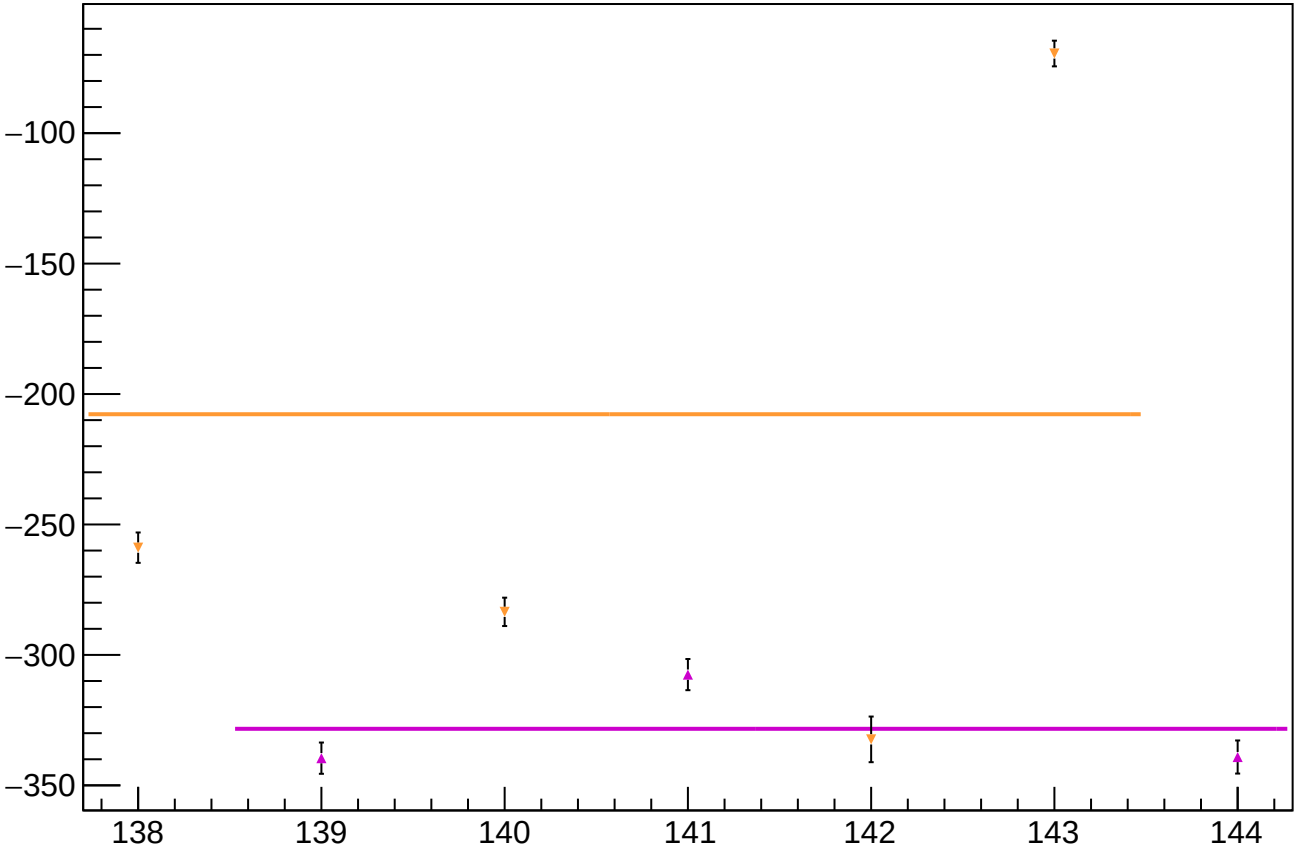
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 125.579+/-0.067 χ^2/NDF:188897.4/19

Out: 99.130+/-0.061 χ^2/NDF:917880.5/22

All: 111.047+/-0.045 χ^2/NDF: 1191696.0/42

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: -207.741+/-2.915 χ^2/NDF:1263.1/3

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

Left In: -328.324+/-3.520 χ^2/NDF:18.5/2

Left: -256.799+/-2.245 χ^2/NDF: 1977.9/6

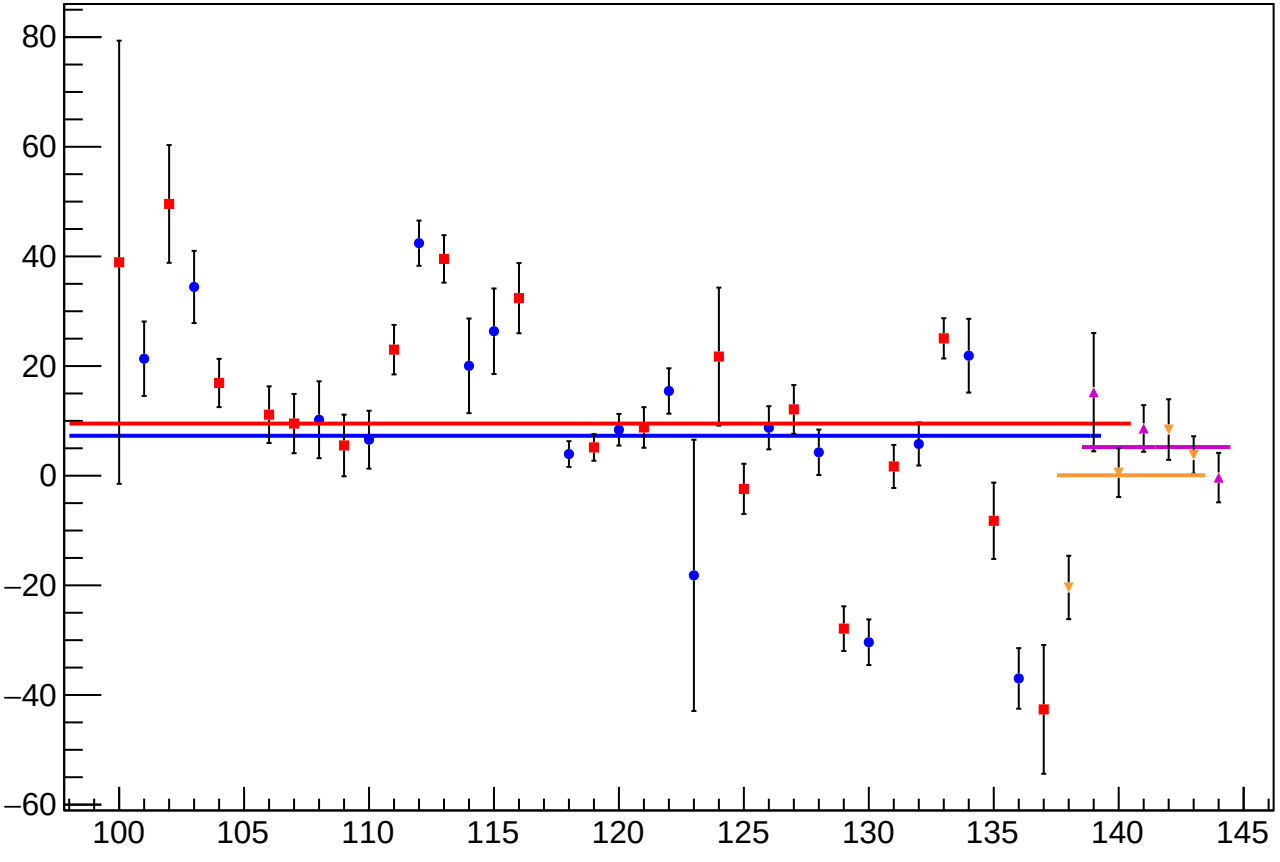
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -328.324+/-3.520 χ^2/NDF:18.5/2

Out: -207.741+/-2.915 χ^2/NDF:1263.1/3

All: -256.799+/-2.245 χ^2/NDF: 1977.9/6

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: 0.083+/-2.244 χ^2/NDF:16.0/3

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 5.225+/-2.977 χ^2/NDF:3.0/2

Left: 1.946+/-1.792 χ^2/NDF: 20.9/6

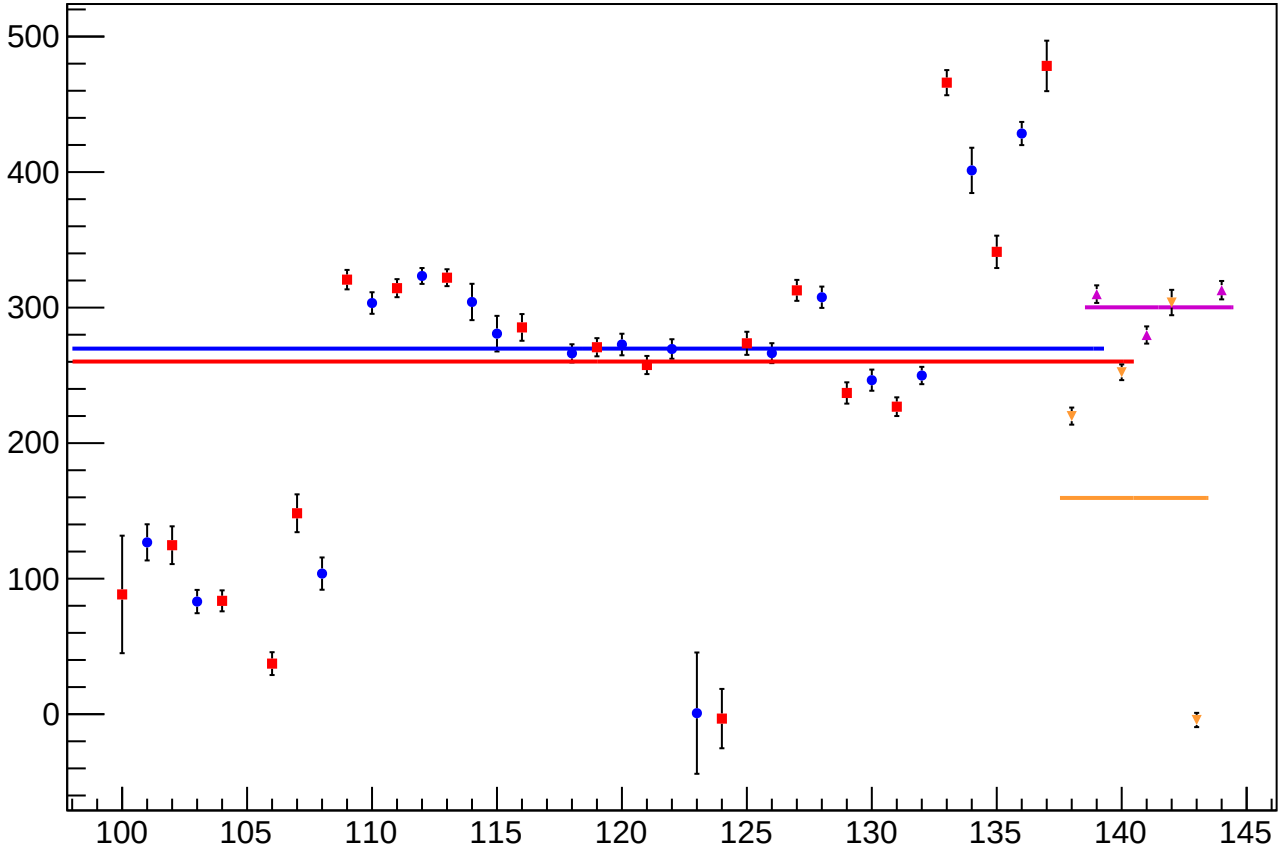
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 7.043+/-1.018 χ^2/NDF:264.5/19

Out: 7.748+/-0.969 χ^2/NDF:261.9/22

All: 7.413+/-0.702 χ^2/NDF: 526.6/42

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: 159.559+/-3.122 χ^2/NDF:1557.2/3

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 300.207+/-3.773 χ^2/NDF:16.1/2

Left: 216.726+/-2.405 χ^2/NDF: 2398.2/6

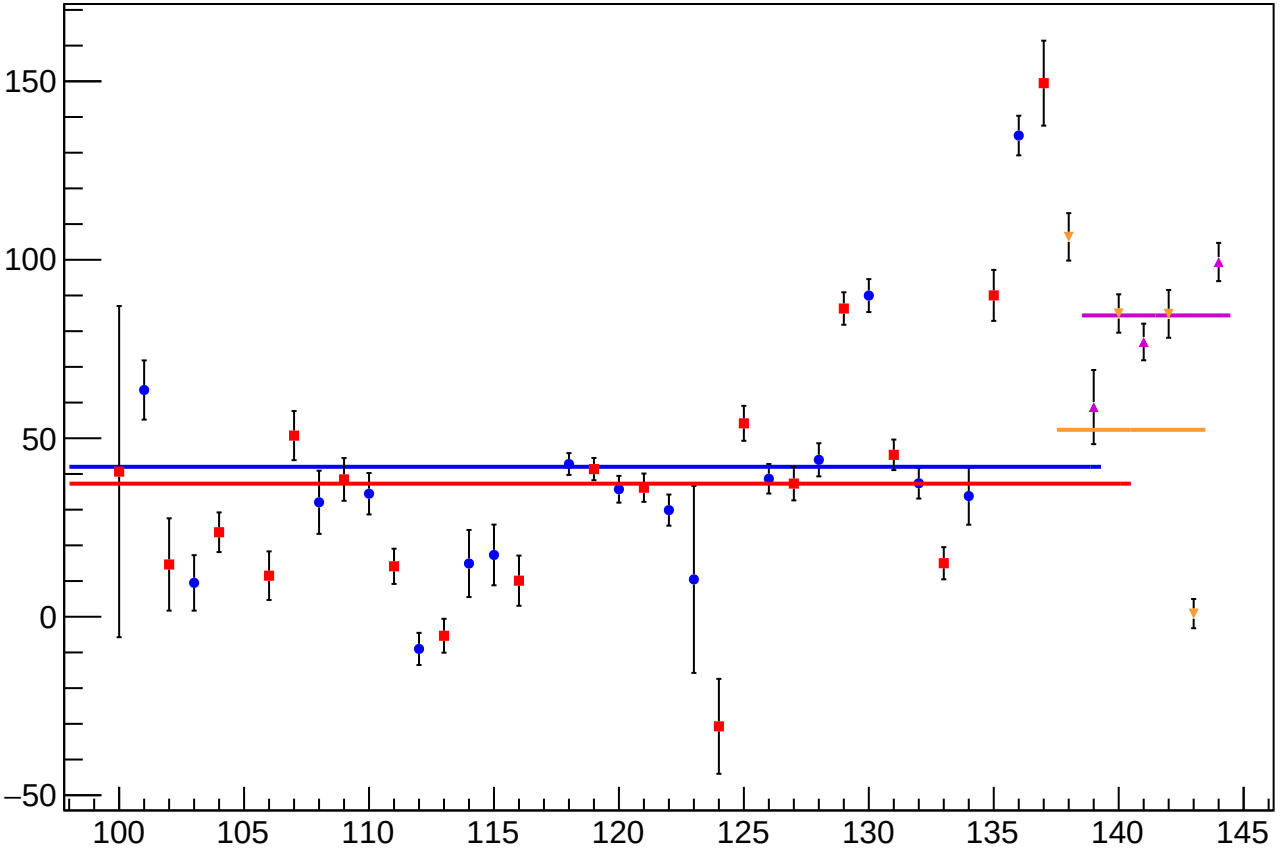
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 276.803+/-1.816 χ^2/NDF:1440.2/19

Out: 231.382+/-1.671 χ^2/NDF:4840.4/22

All: 252.207+/-1.229 χ^2/NDF: 6619.5/42

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: 52.367+/-2.679 χ^2/NDF:284.9/3

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 84.413+/-3.488 χ^2/NDF:16.0/2

Left: 64.256+/-2.124 χ^2/NDF: 354.0/6

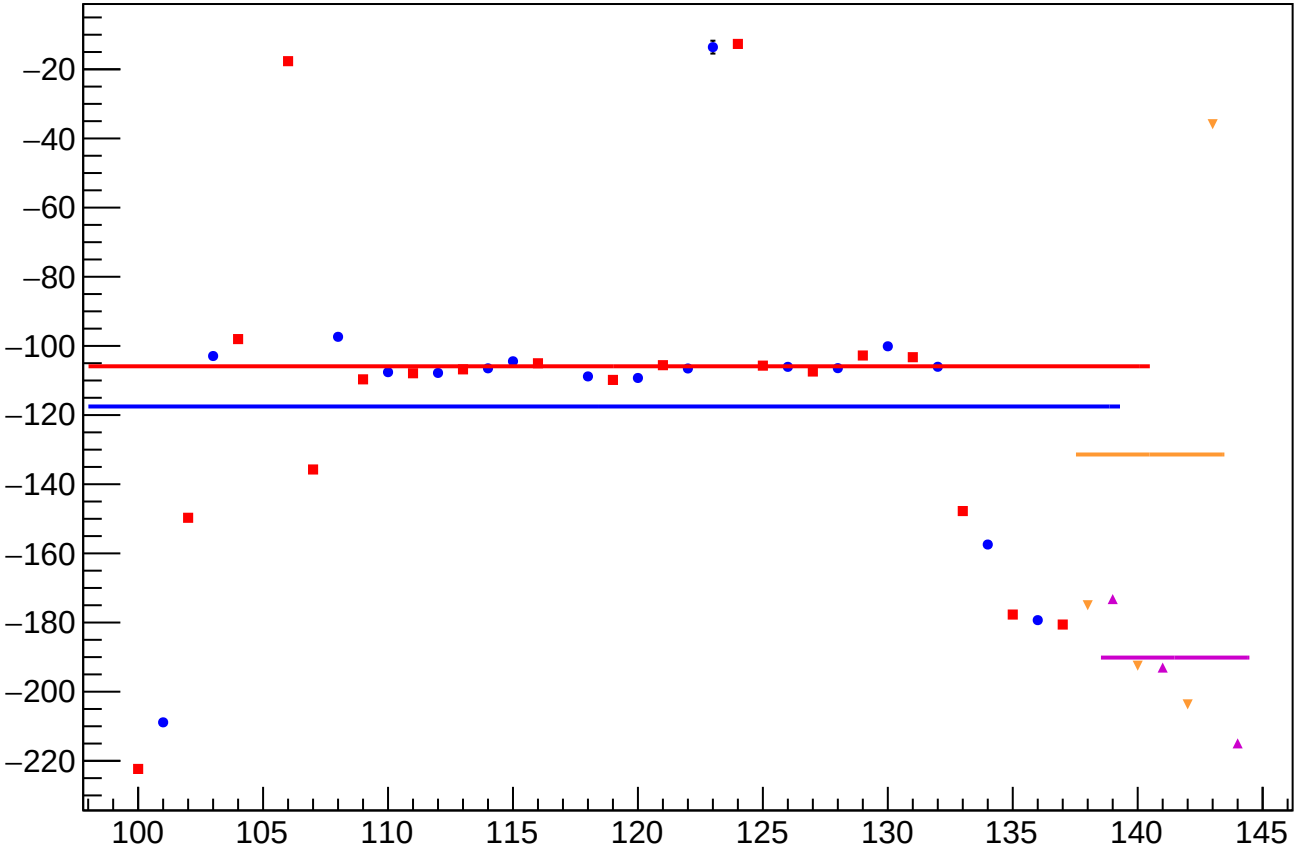
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 46.870+/-1.181 χ^2/NDF:722.4/19

Out: 39.935+/-1.123 χ^2/NDF:783.7/22

All: 43.228+/-0.814 χ^2/NDF: 1524.2/42

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: -131.402+/-0.128 χ^2/NDF:331510.9/3

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -190.136+/-0.148 χ^2/NDF:12595.8/2

Left: -156.484+/-0.097 χ^2/NDF: 434269.9/6

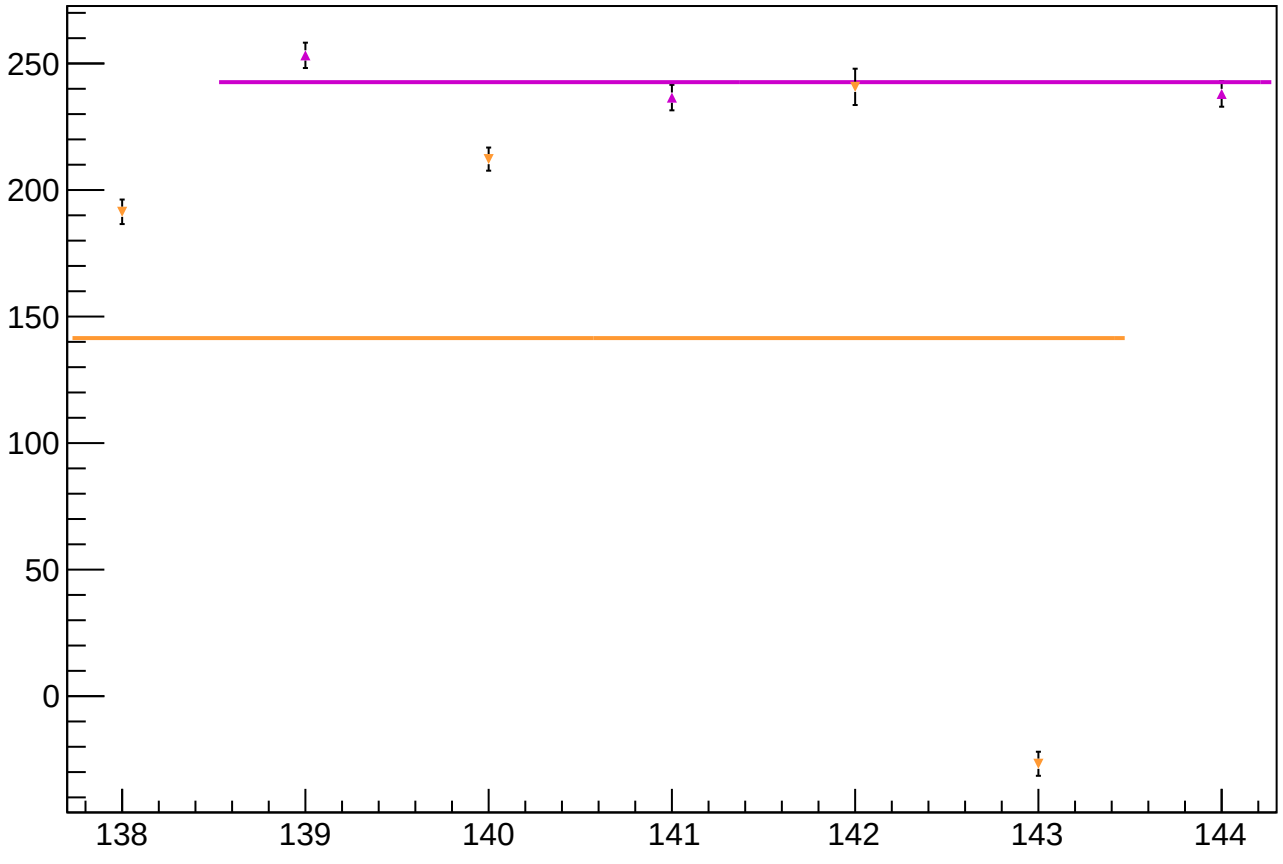
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -133.292+/-0.069 χ^2/NDF:342916.7/19

Out: -112.140+/-0.063 χ^2/NDF:685888.6/22

All: -121.798+/-0.047 χ^2/NDF: 1079855.6/42

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: 141.489+/-2.547 χ^2/NDF:1788.6/3

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

Left In: 242.623+/-2.907 χ^2/NDF:6.8/2

Left: 185.403+/-1.916 χ^2/NDF: 2480.0/6

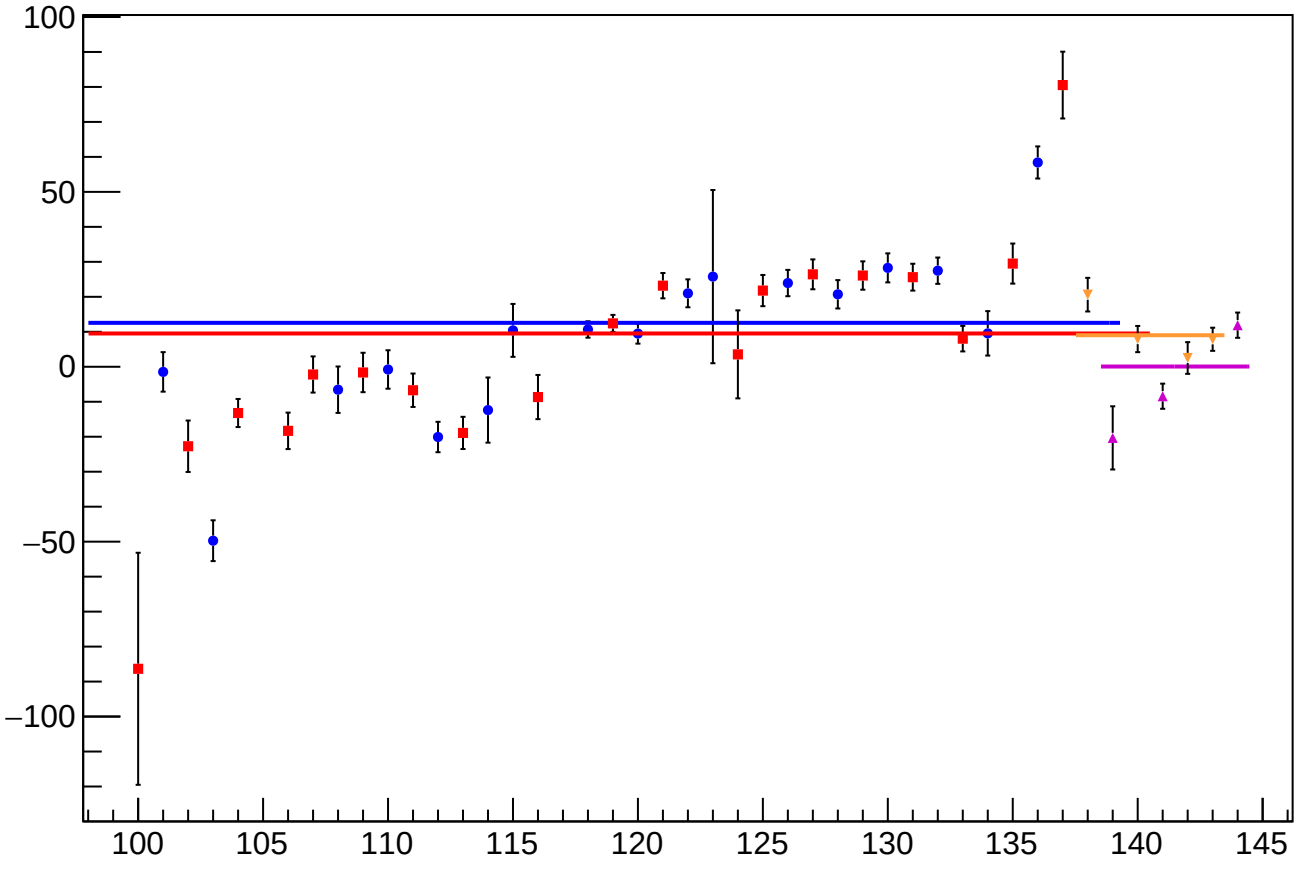
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 242.623+/-2.907 χ^2/NDF:6.8/2

Out: 141.489+/-2.547 χ^2/NDF:1788.6/3

All: 185.403+/-1.916 χ^2/NDF: 2480.0/6

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: 9.020+/-1.982 χ^2/NDF:8.1/3

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 0.071+/-2.450 χ^2/NDF:21.4/2

Left: 5.481+/-1.541 χ^2/NDF: 37.6/6

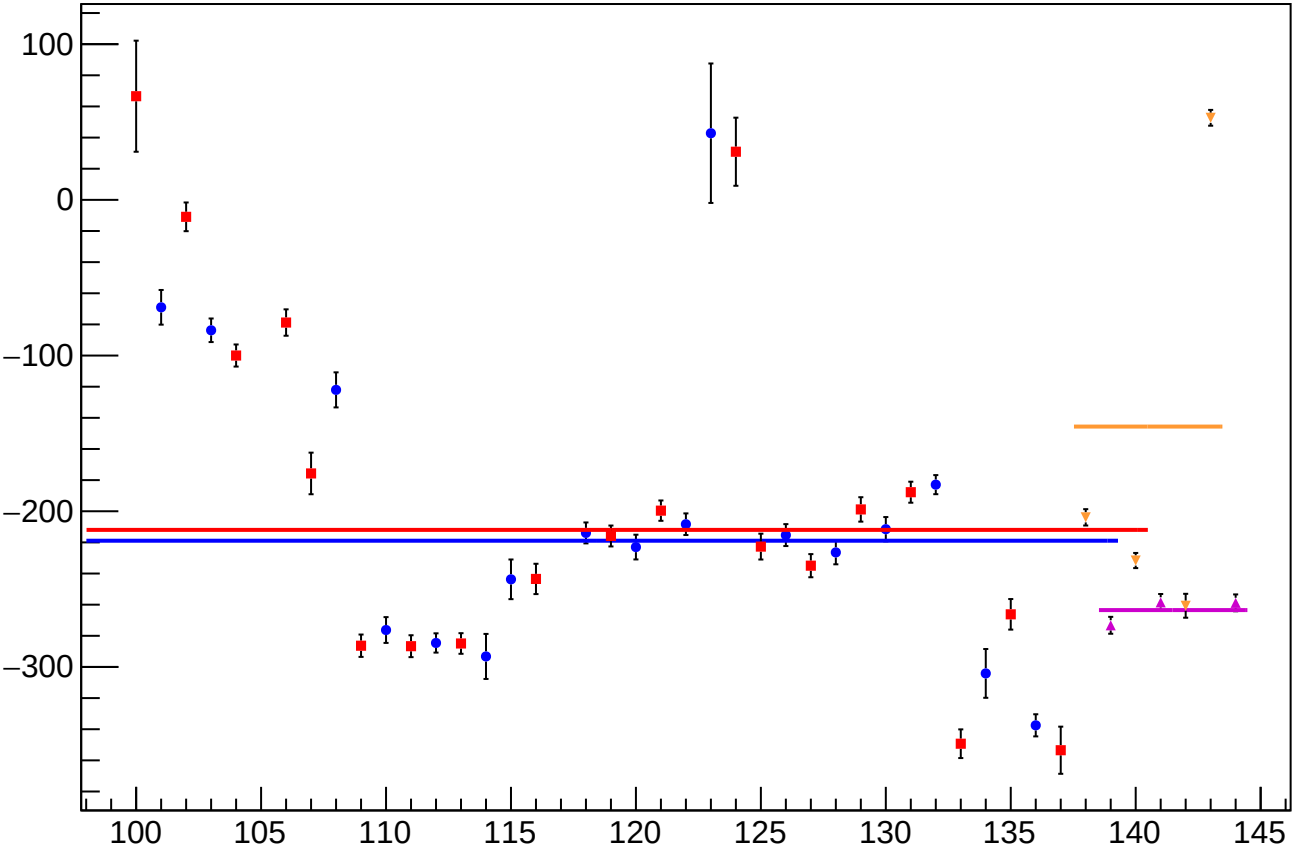
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 10.606+/-0.969 χ^2/NDF:391.1/19

Out: 9.410+/-0.928 χ^2/NDF:304.4/22

All: 9.982+/-0.670 χ^2/NDF: 696.2/42

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: -145.610+/-2.729 χ^2/NDF:2187.3/3

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -263.477+/-3.117 χ^2/NDF:4.8/2

Left: -196.763+/-2.053 χ^2/NDF: 3001.6/6

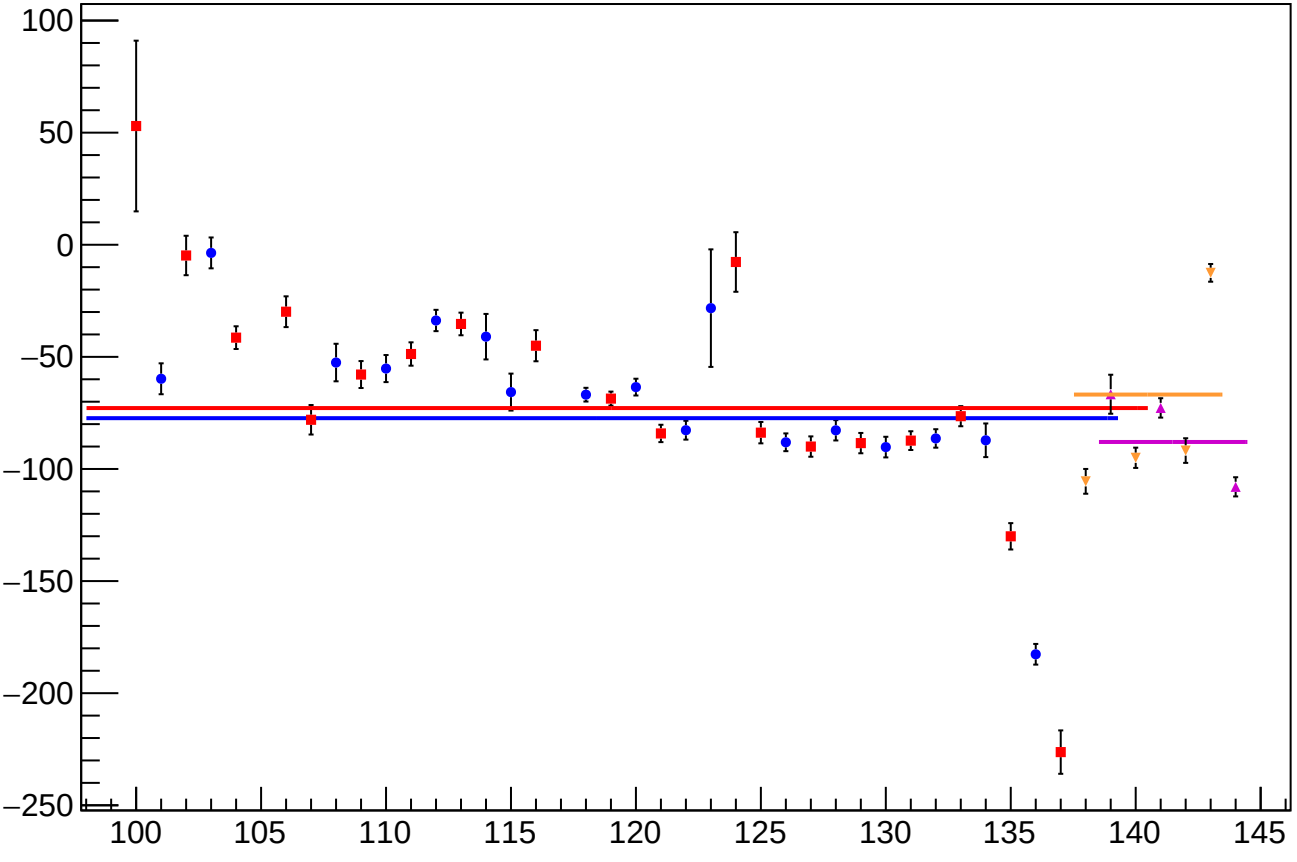
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -231.975+/-1.687 χ^2/NDF:1295.9/19

Out: -189.930+/-1.573 χ^2/NDF:4468.3/22

All: -209.483+/-1.150 χ^2/NDF: 6096.6/42

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: -66.813+/-2.364 χ^2/NDF:297.3/3

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -87.960+/-2.871 χ^2/NDF:40.2/2

Left: -75.361+/-1.825 χ^2/NDF: 369.9/6

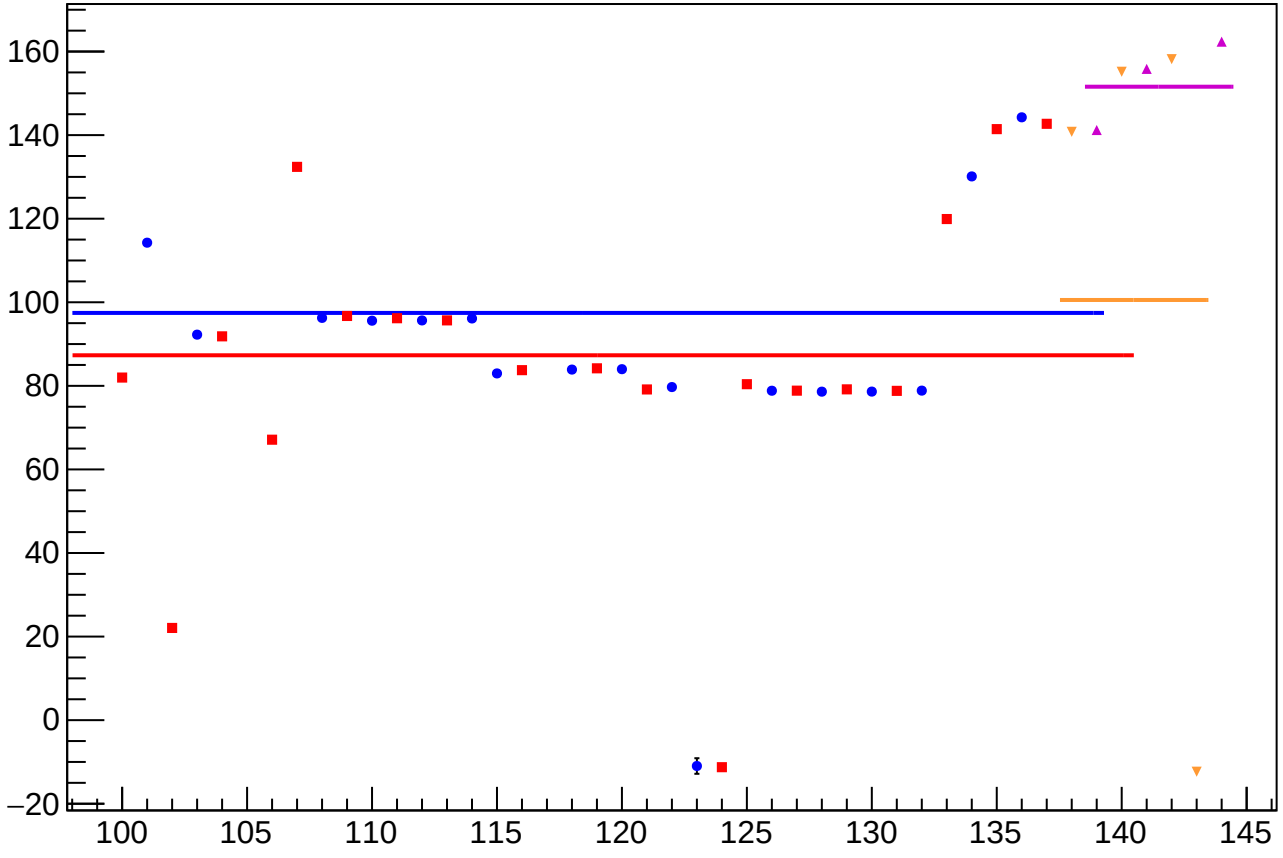
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -78.965+/-1.122 χ^2/NDF:869.0/19

Out: -71.588+/-1.076 χ^2/NDF:975.4/22

All: -75.122+/-0.777 χ^2/NDF: 1866.9/42

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: 100.548+/-0.112 χ^2/NDF:446949.8/3

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 151.584+/-0.123 χ^2/NDF:5406.3/2

Left: 123.739+/-0.083 χ^2/NDF: 546855.9/6

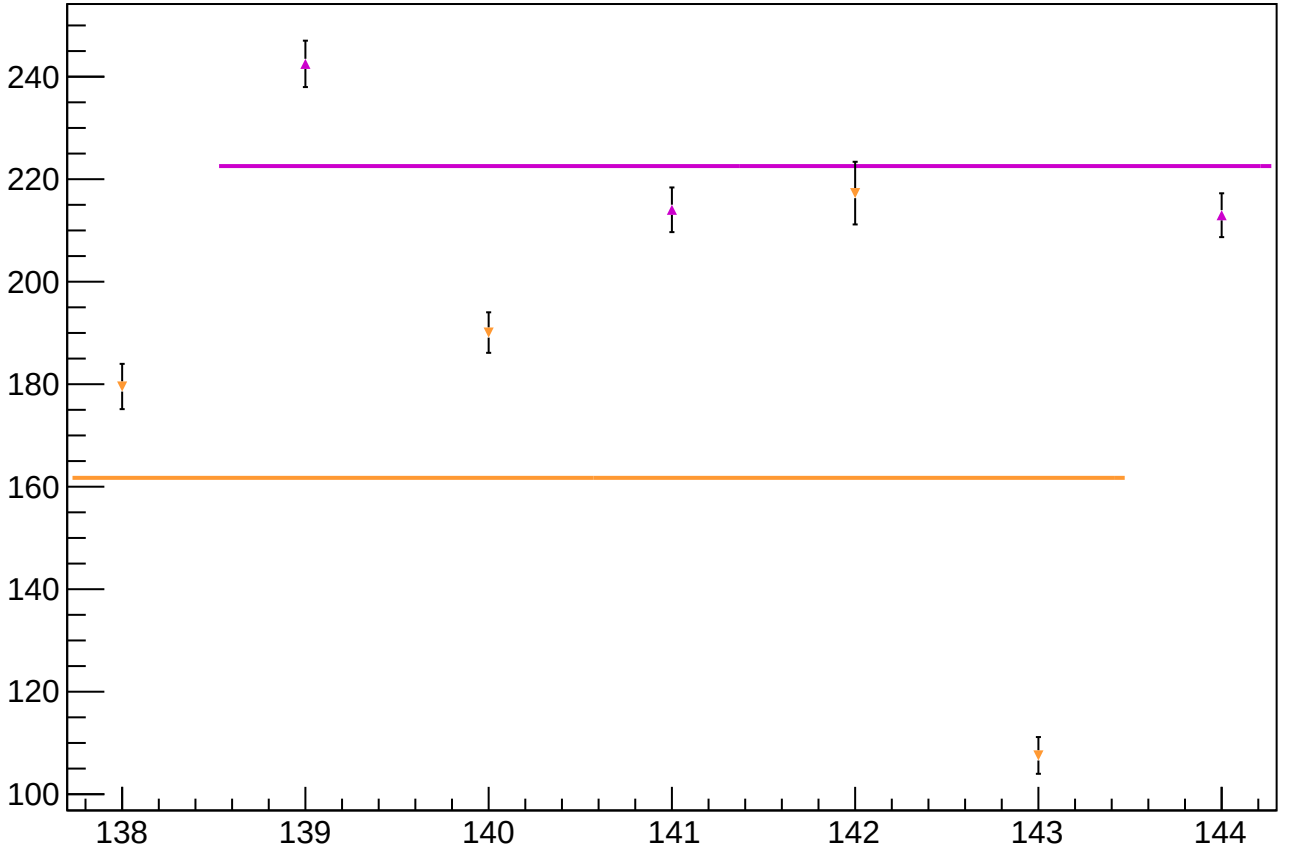
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 111.691+/-0.063 χ^2/NDF:243483.5/19

Out: 90.902+/-0.058 χ^2/NDF:678978.7/22

All: 100.503+/-0.043 χ^2/NDF: 981263.3/42

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: 161.727+/-2.133 χ^2/NDF:378.5/3

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

Left In: 222.561+/-2.531 χ^2/NDF:28.3/2

Left: 186.992+/-1.631 χ^2/NDF: 744.6/6

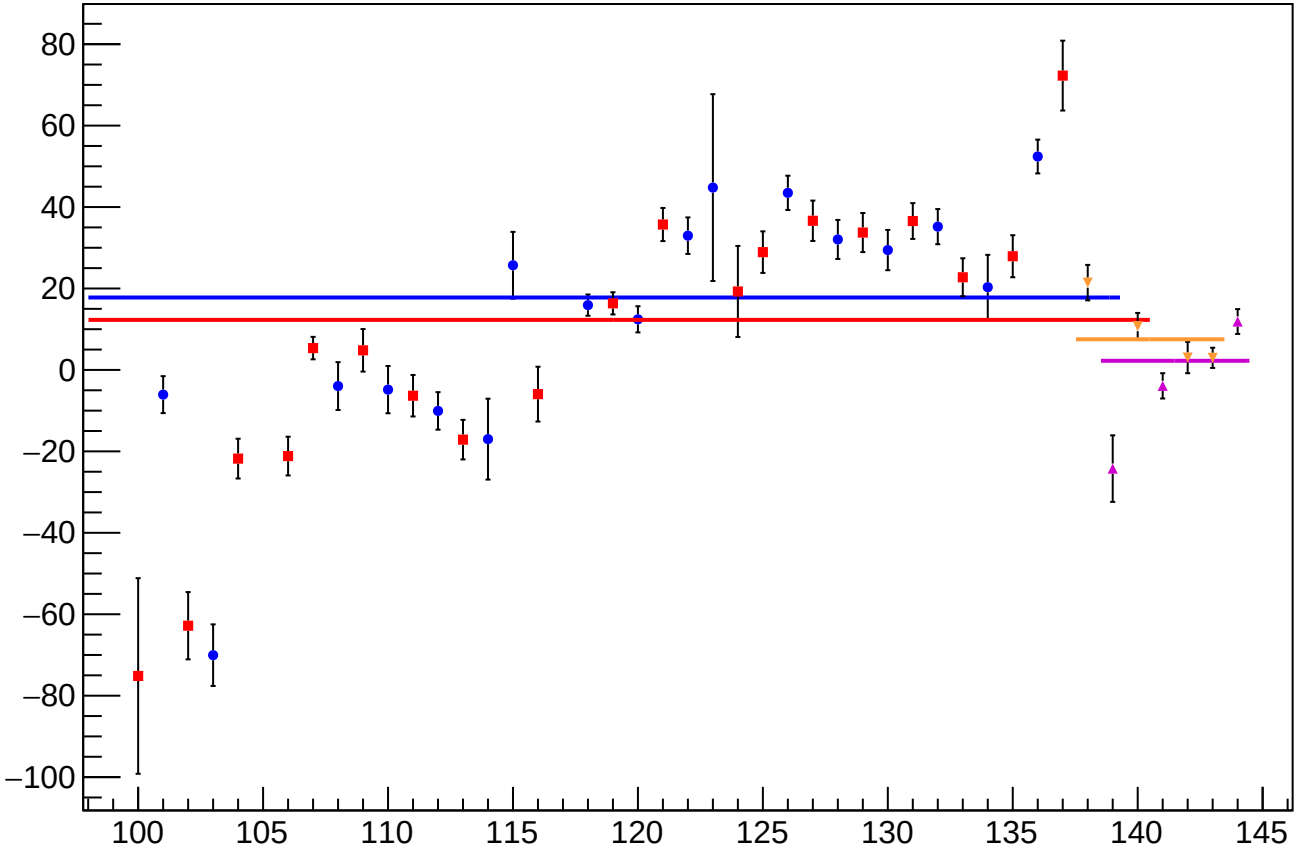
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 222.561+/-2.531 χ^2/NDF:28.3/2

Out: 161.727+/-2.133 χ^2/NDF:378.5/3

All: 186.992+/-1.631 χ^2/NDF: 744.6/6

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: 7.523+/-1.626 χ^2/NDF:15.9/3

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 2.243+/-2.103 χ^2/NDF:24.4/2

Left: 5.548+/-1.286 χ^2/NDF: 44.3/6

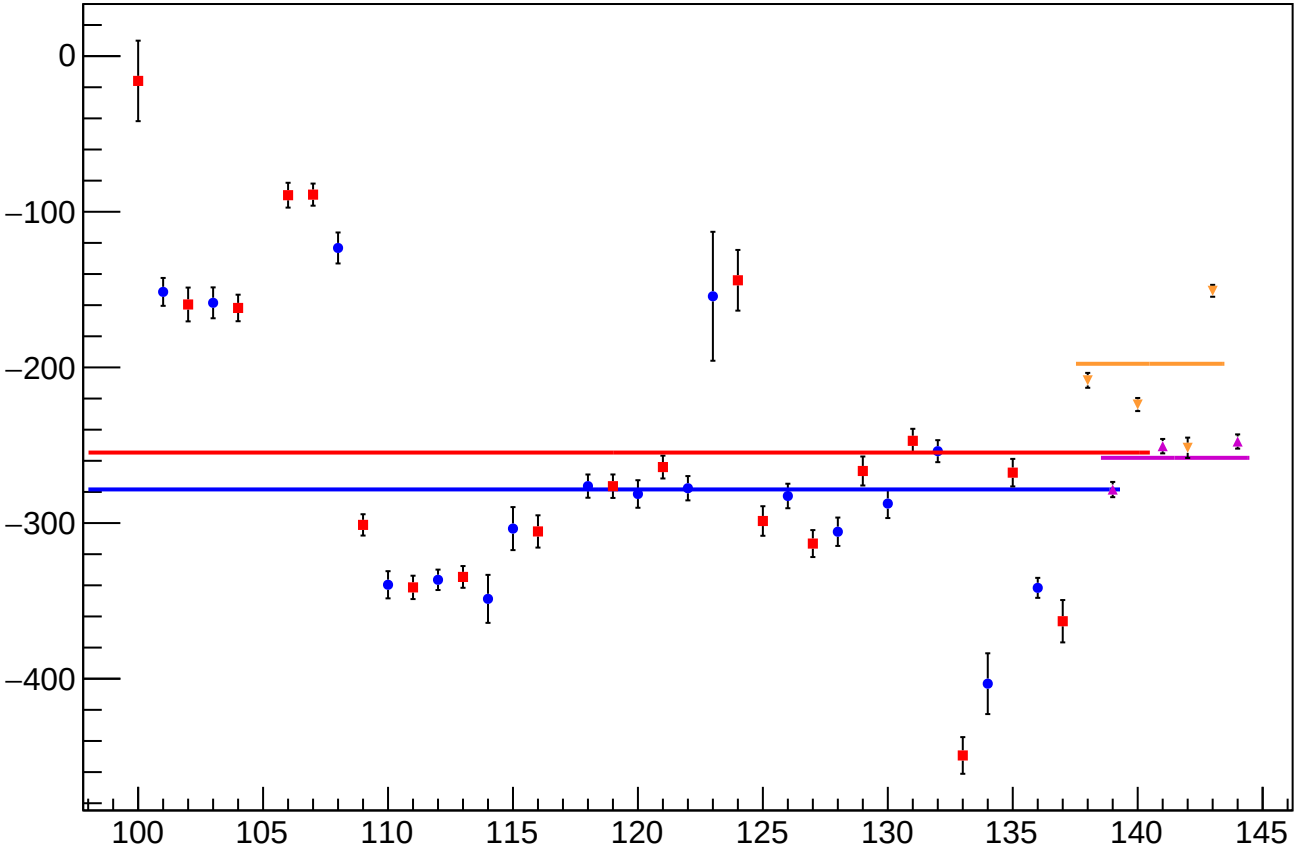
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 14.226+/-1.007 χ^2/NDF:461.6/19

Out: 10.822+/-0.903 χ^2/NDF:465.6/22

All: 12.340+/-0.672 χ^2/NDF: 933.6/42

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: -197.665+/-2.284 χ^2/NDF:261.8/3

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -258.086+/-2.712 χ^2/NDF:25.2/2

Left: -222.736+/-1.747 χ^2/NDF: 577.4/6

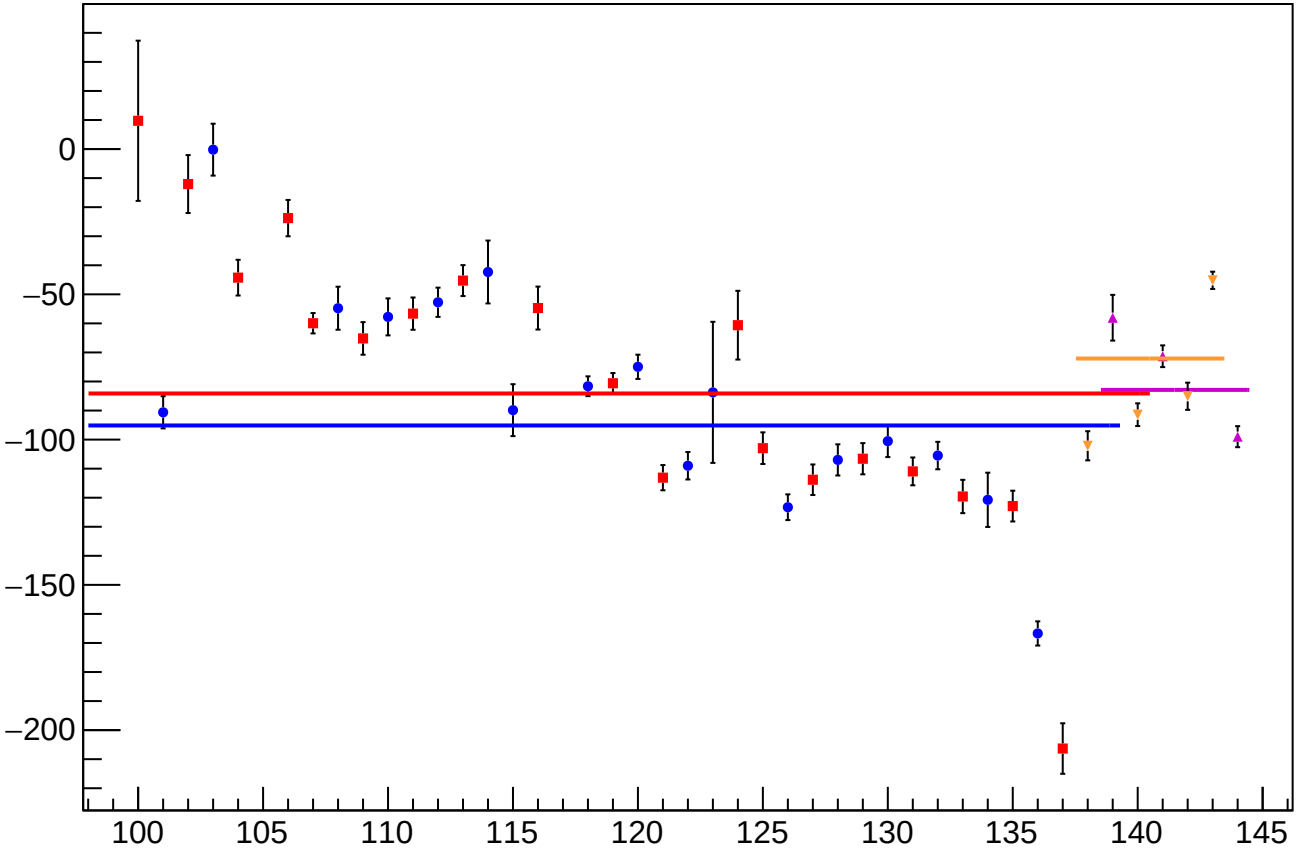
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -270.477+/-1.693 χ^2/NDF:969.9/19

Out: -229.667+/-1.513 χ^2/NDF:2650.2/22

All: -247.787+/-1.128 χ^2/NDF: 3943.1/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -72.088+/-1.944 χ^2/NDF:150.4/3

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -82.891+/-2.469 χ^2/NDF:39.4/2

Left: -76.223+/-1.527 χ^2/NDF: 201.6/6

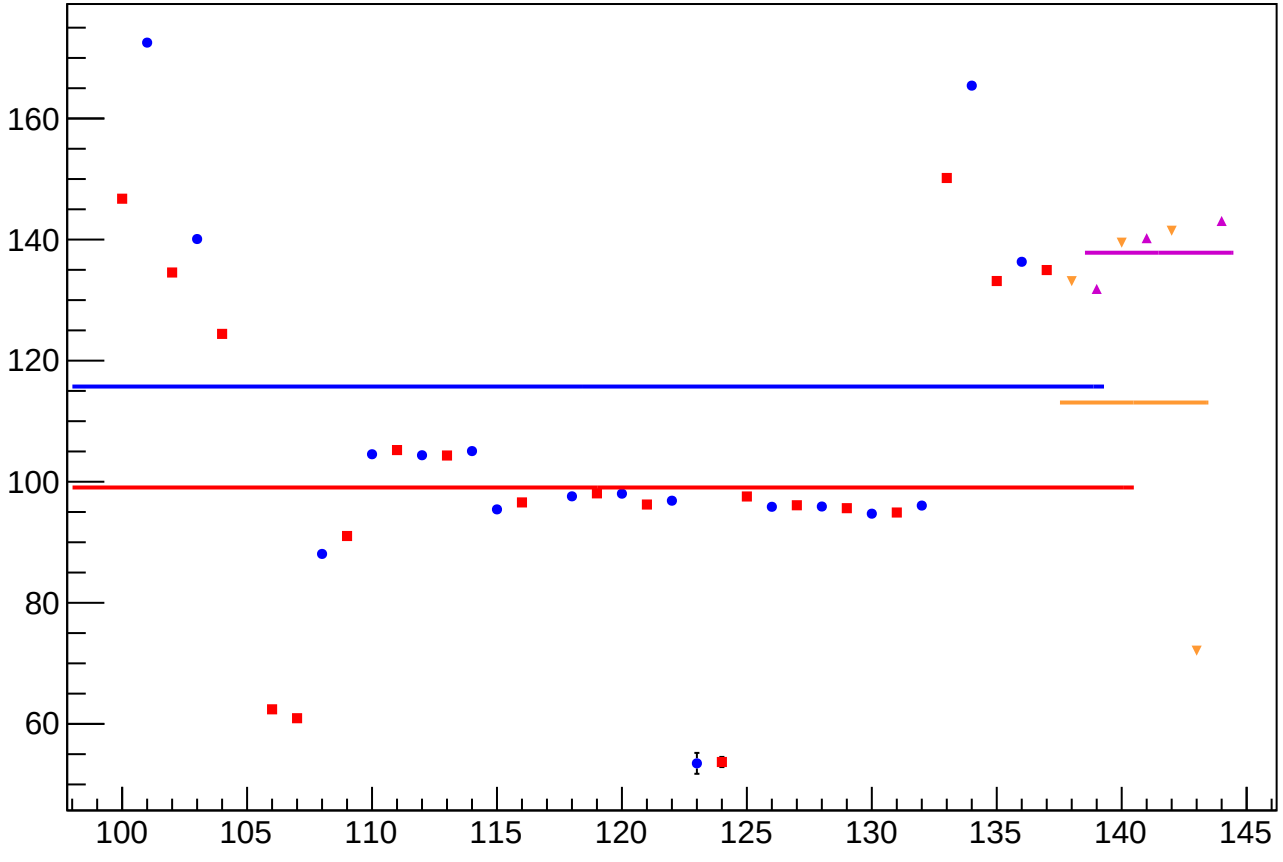
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -92.405+/-1.166 χ^2/NDF:733.4/19

Out: -80.569+/-1.057 χ^2/NDF:960.3/22

All: -85.907+/-0.783 χ^2/NDF: 1750.2/42

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: 113.084+/-0.094 χ^2/NDF:114694.8/3

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 137.827+/-0.107 χ^2/NDF:2048.0/2

Left: 123.779+/-0.071 χ^2/NDF: 146923.5/6

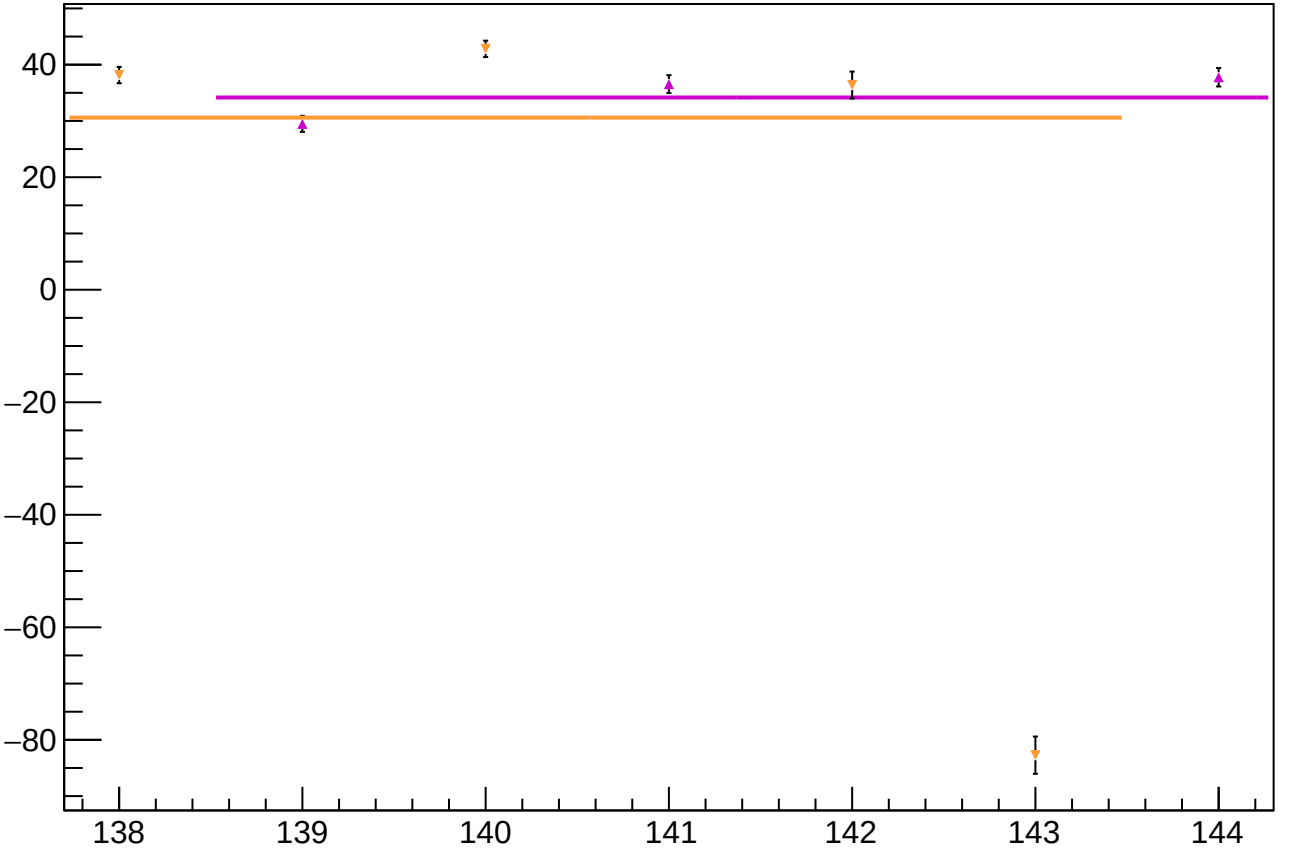
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 123.361+/-0.063 χ^2/NDF:136198.7/19

Out: 103.942+/-0.055 χ^2/NDF:302793.1/22

All: 112.378+/-0.042 χ^2/NDF: 492583.3/42

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: 30.595+/-0.909 χ^2/NDF:1274.7/3

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

Left In: 34.165+/-0.893 χ^2/NDF:17.7/2

Left: 32.412+/-0.637 χ^2/NDF: 1300.3/6

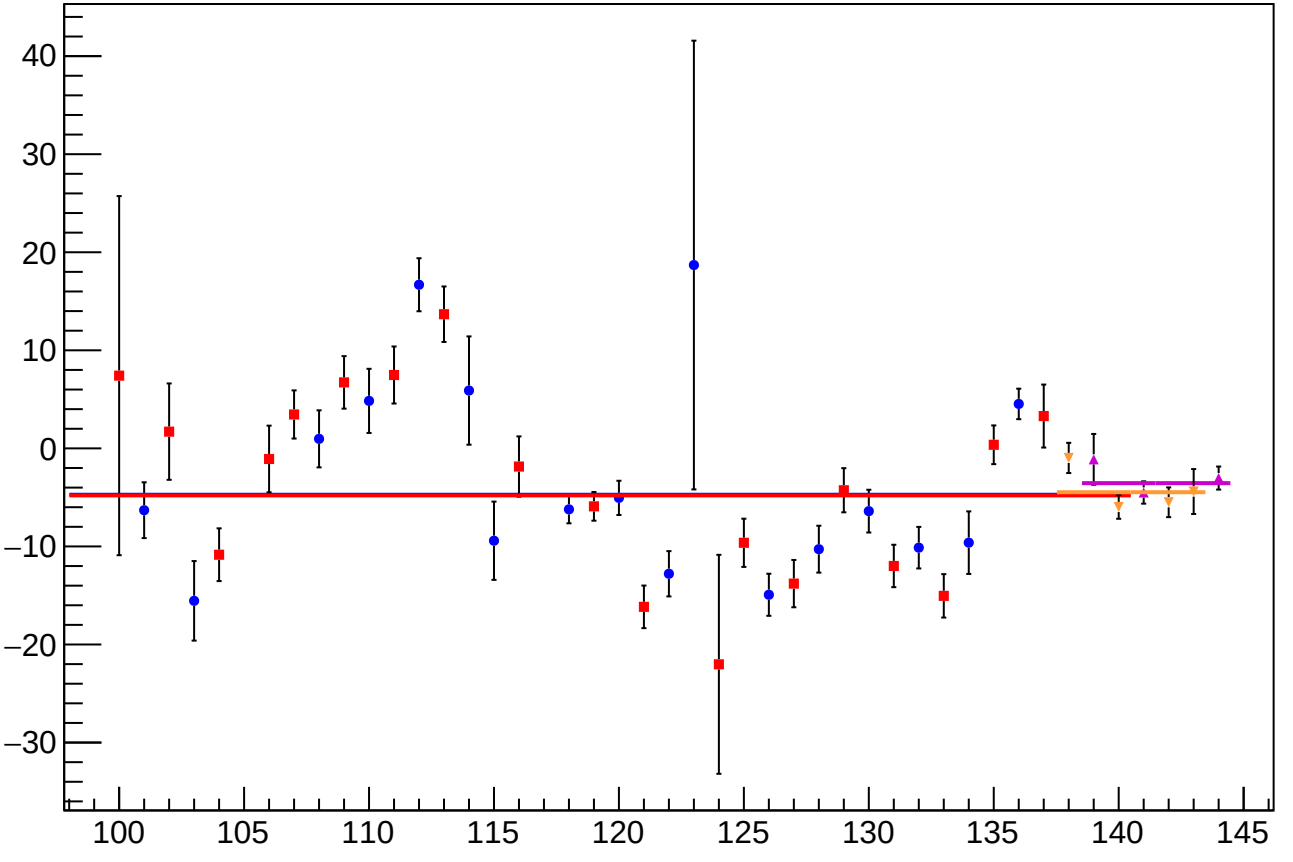
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 34.165+/-0.893 χ^2/NDF:17.7/2

Out: 30.595+/-0.909 χ^2/NDF:1274.7/3

All: 32.412+/-0.637 χ^2/NDF: 1300.3/6

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: -4.471+/-0.759 χ^2/NDF:7.2/3

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -3.545+/-0.779 χ^2/NDF:1.8/2

Left: -4.021+/-0.544 χ^2/NDF: 9.7/6

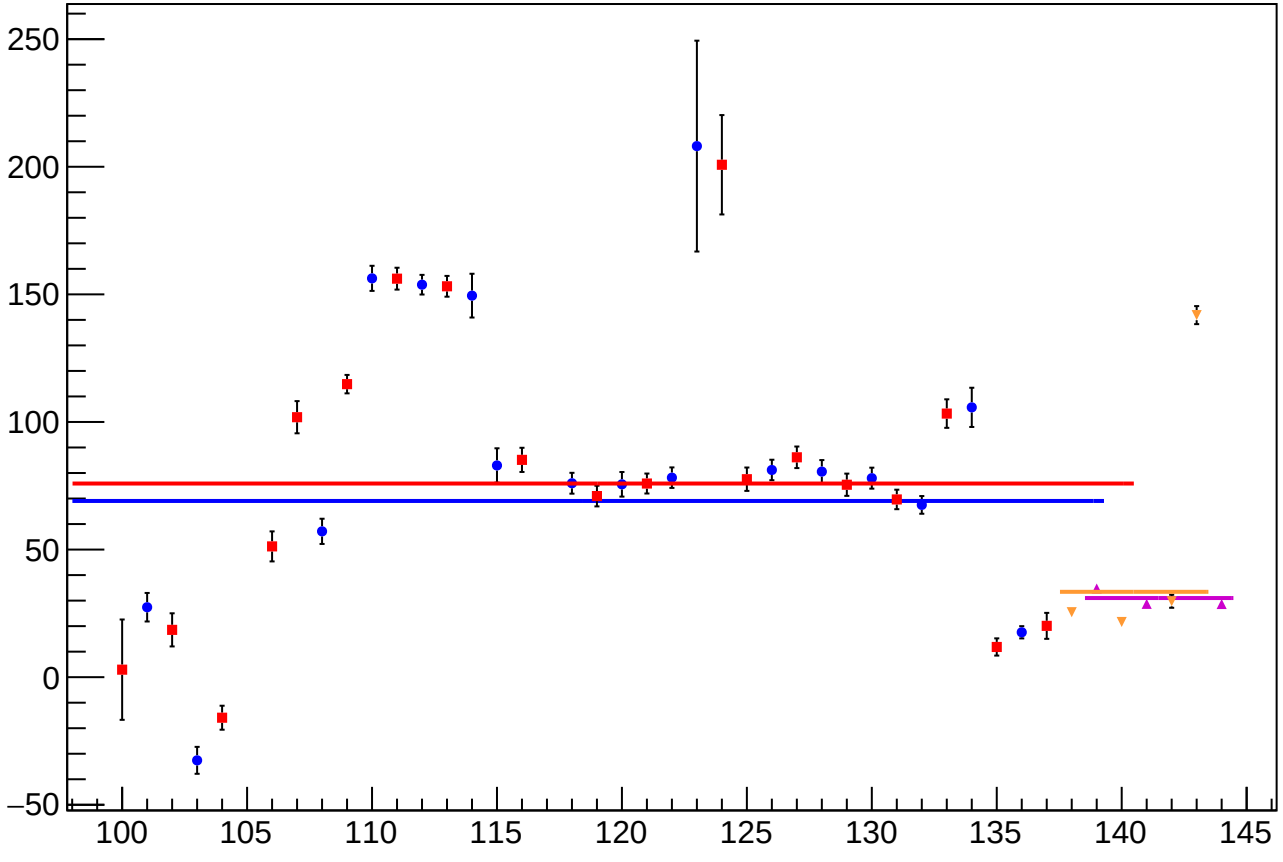
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -4.308+/-0.465 χ^2/NDF:178.1/19

Out: -4.673+/-0.464 χ^2/NDF:200.7/22

All: -4.491+/-0.328 χ^2/NDF: 379.2/42

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: 33.445+/-0.976 χ^2/NDF:1027.0/3

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 31.008+/-0.957 χ^2/NDF:9.4/2

Left: 32.203+/-0.683 χ^2/NDF: 1039.5/6

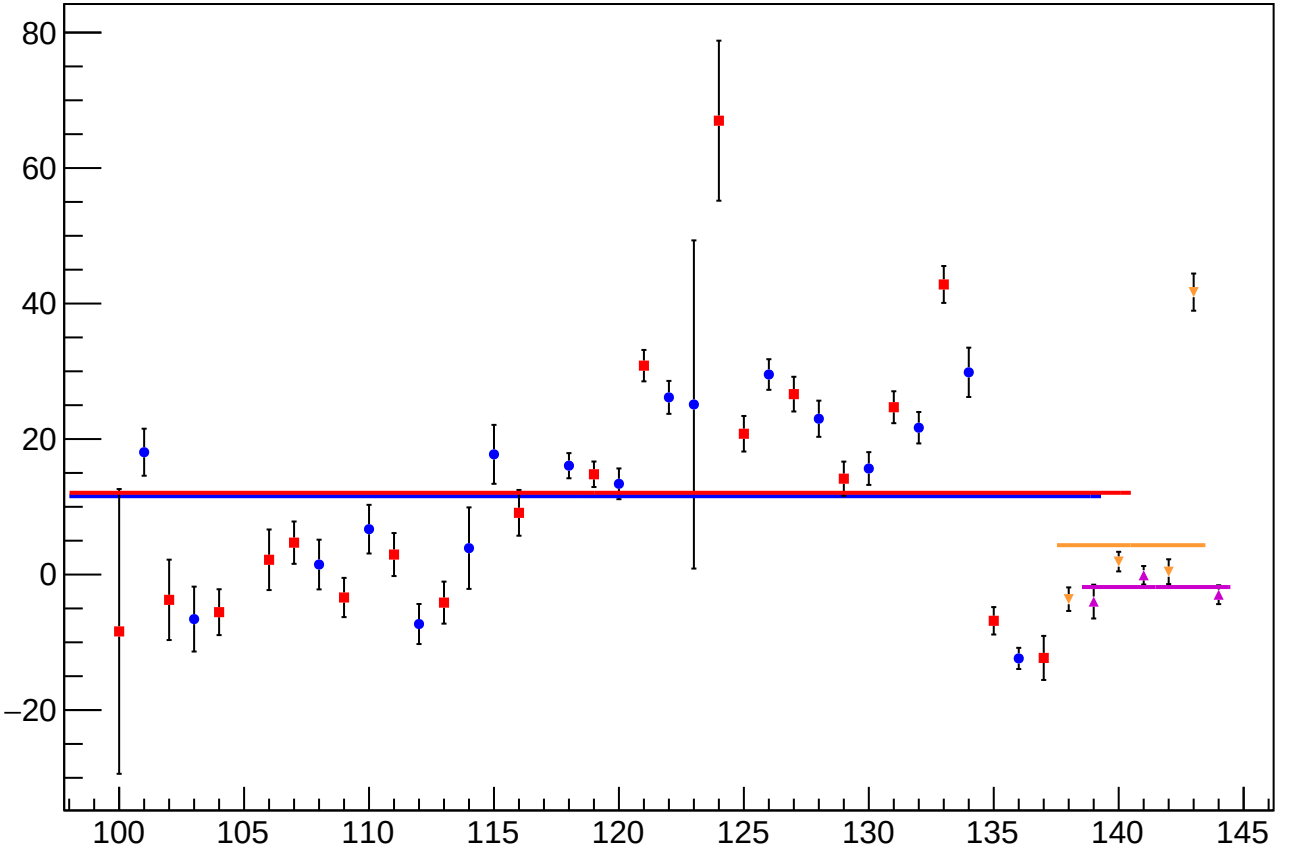
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 47.804+/-0.715 χ^2/NDF:2554.4/19

Out: 52.721+/-0.721 χ^2/NDF:3781.1/22

All: 50.244+/-0.508 χ^2/NDF: 6358.9/42

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: 4.336+/-0.898 χ^2/NDF:213.8/3

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -1.840+/-0.907 χ^2/NDF:3.0/2

Left: 1.281+/-0.638 χ^2/NDF: 240.2/6

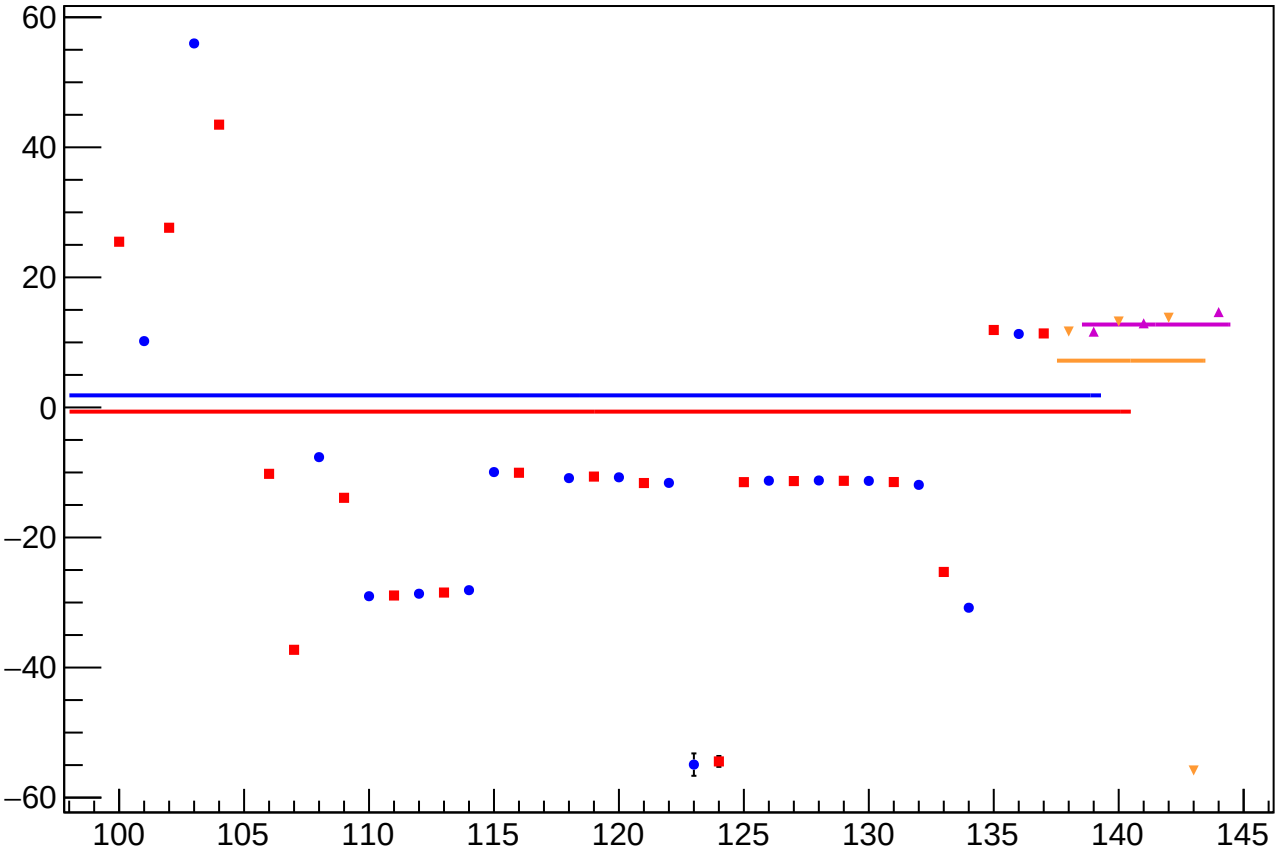
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: 6.941+/-0.533 χ^2/NDF:624.3/19

Out: 9.333+/-0.534 χ^2/NDF:805.1/22

All: 8.134+/-0.377 χ^2/NDF: 1439.4/42

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 7.194+/-0.040 χ^2/NDF:215628.4/3

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 12.750+/-0.037 χ^2/NDF:1028.0/2

Left: 10.154+/-0.027 χ^2/NDF: 227036.6/6

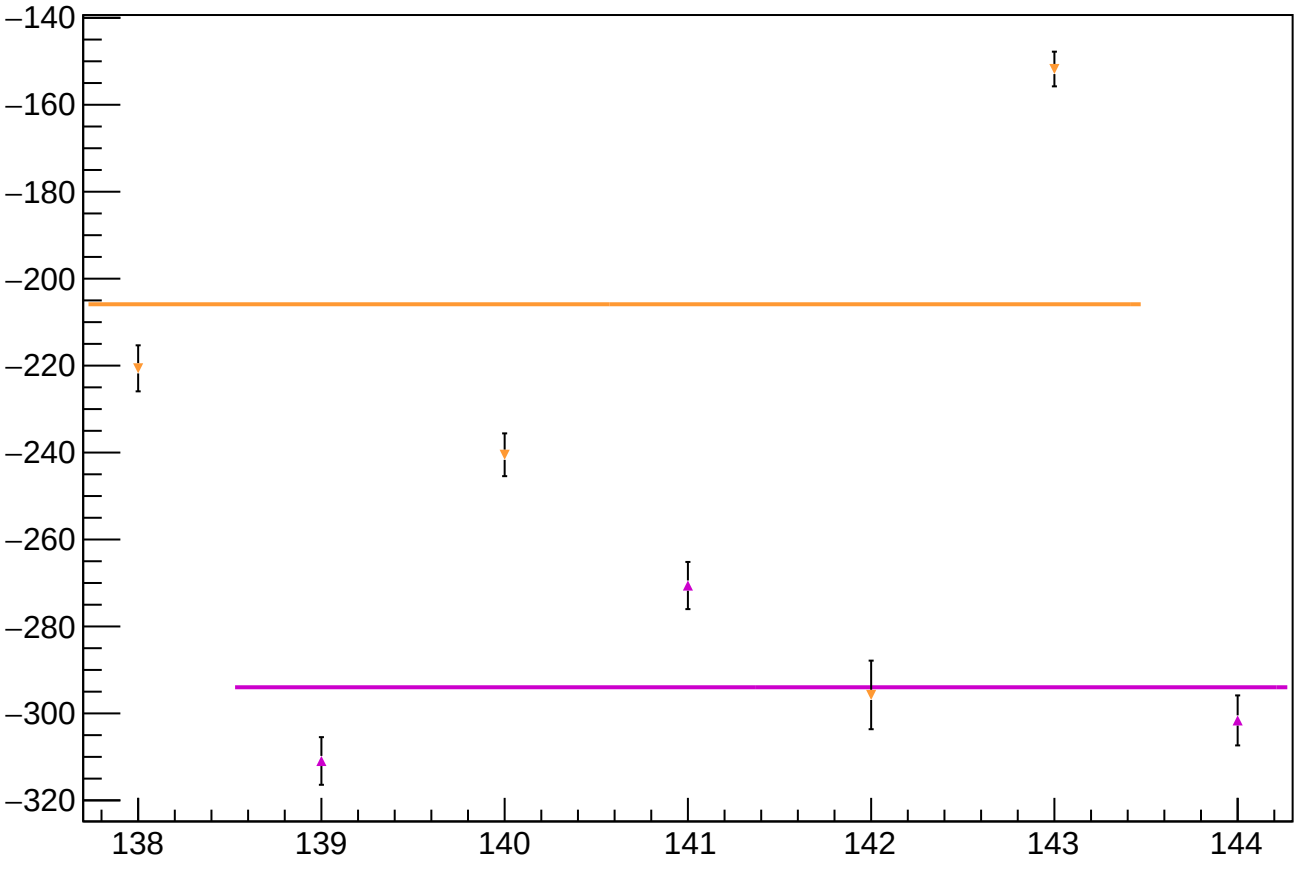
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.262+/-0.026 χ^2/NDF:403472.5/19

Out: 2.995+/-0.027 χ^2/NDF:598028.1/22

All: 5.197+/-0.019 χ^2/NDF: 1014277.9/42

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: -205.887+/-2.533 χ^2/NDF:371.1/3

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

Left In: -293.987+/-3.203 χ^2/NDF:29.9/2

Left: -239.784+/-1.987 χ^2/NDF: 866.5/6

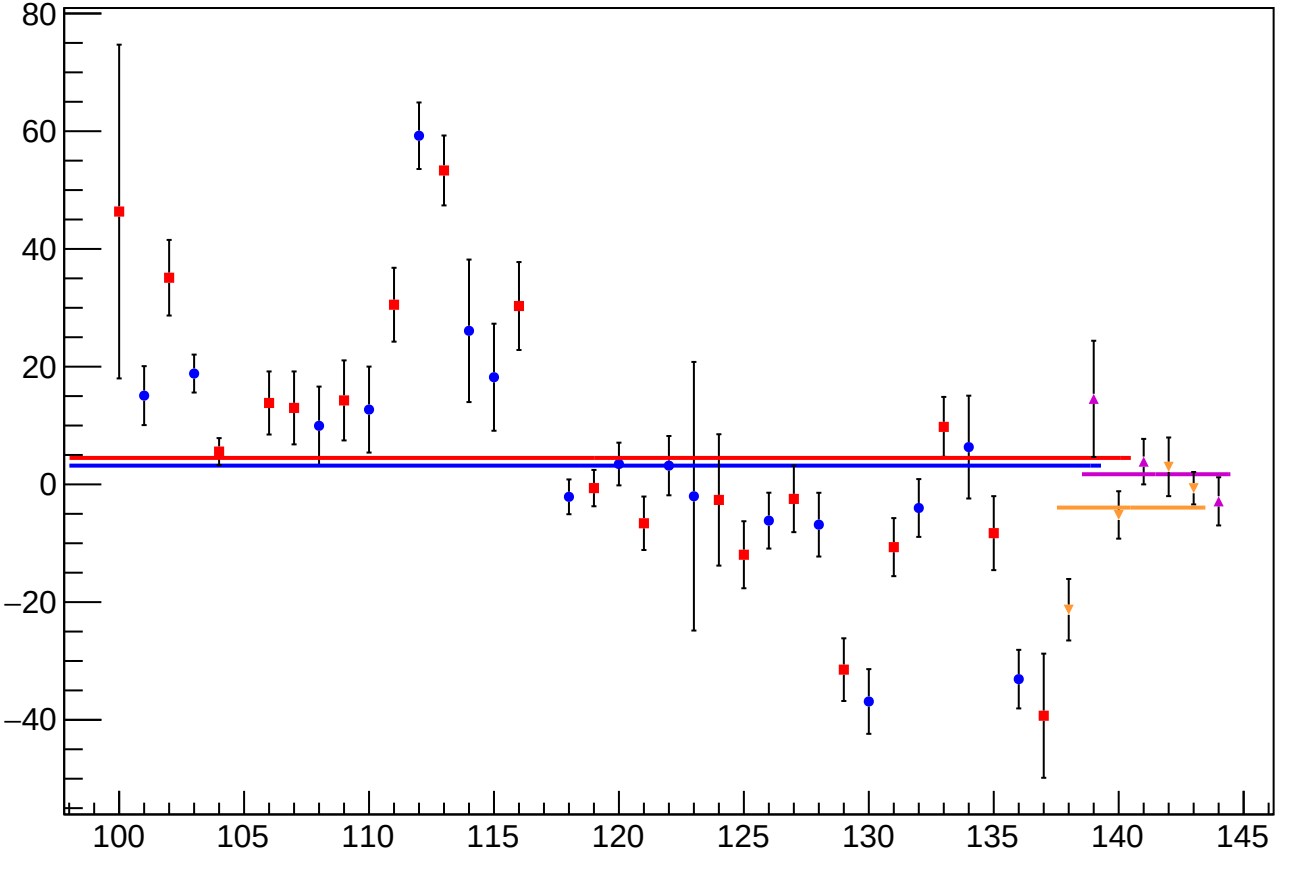
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -293.987+/-3.203 χ^2/NDF:29.9/2

Out: -205.887+/-2.533 χ^2/NDF:371.1/3

All: -239.784+/-1.987 χ^2/NDF: 866.5/6

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: -3.940+/-1.923 χ^2/NDF:14.5/3

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 1.725+/-2.702 χ^2/NDF:3.3/2

Left: -2.036+/-1.567 χ^2/NDF: 20.7/6

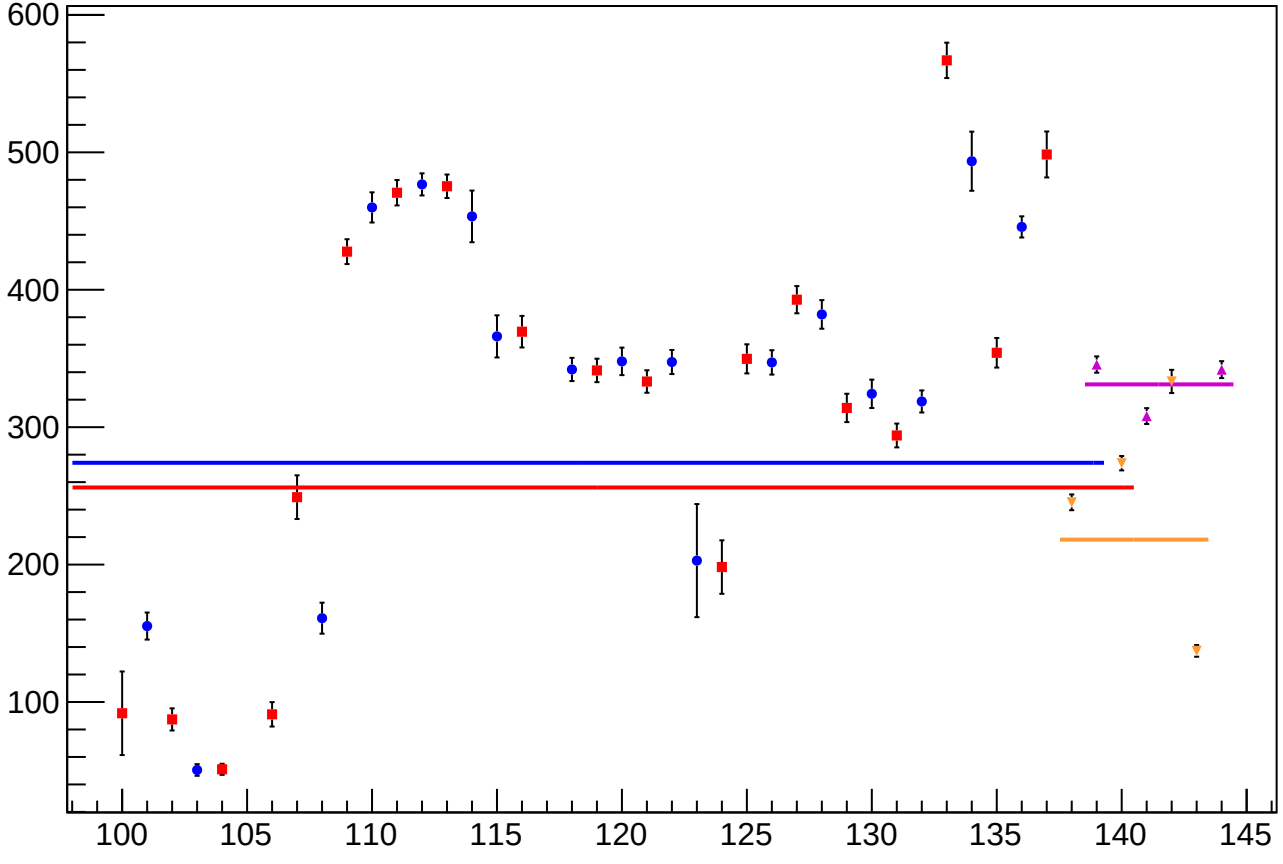
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 2.939+/-1.116 χ^2/NDF:259.1/19

Out: 2.247+/-0.993 χ^2/NDF:254.0/22

All: 2.553+/-0.742 χ^2/NDF: 513.4/42

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: 218.164+/-2.712 χ^2/NDF:682.5/3

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 331.138+/-3.433 χ^2/NDF:24.9/2

Left: 261.573+/-2.128 χ^2/NDF: 1374.4/6

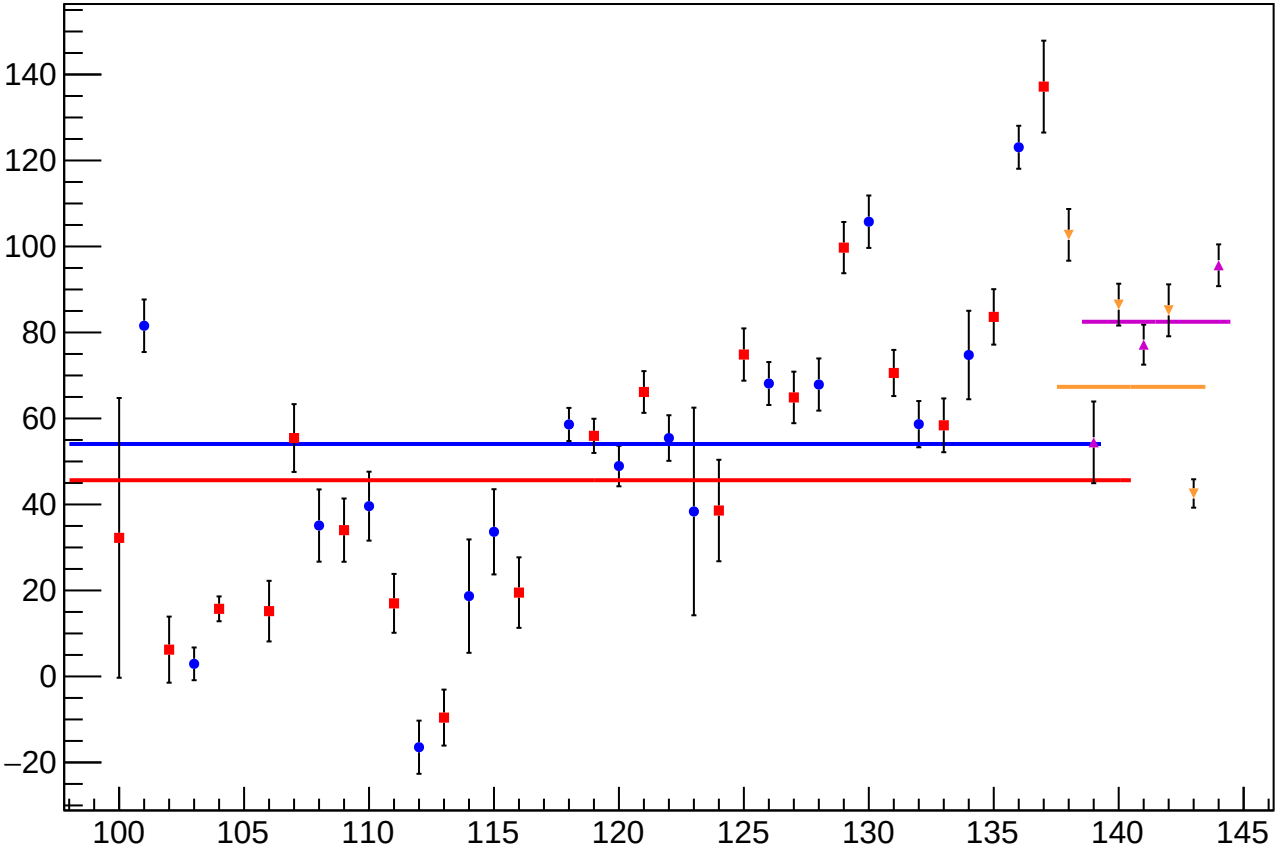
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 290.594+/-1.847 χ^2/NDF:5333.2/19

Out: 242.053+/-1.650 χ^2/NDF:7249.8/22

All: 263.606+/-1.231 χ^2/NDF: 12967.2/42

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: 67.350+/-2.300 χ^2/NDF:115.1/3

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 82.494+/-3.168 χ^2/NDF:17.3/2

Left: 72.575+/-1.861 χ^2/NDF: 147.4/6

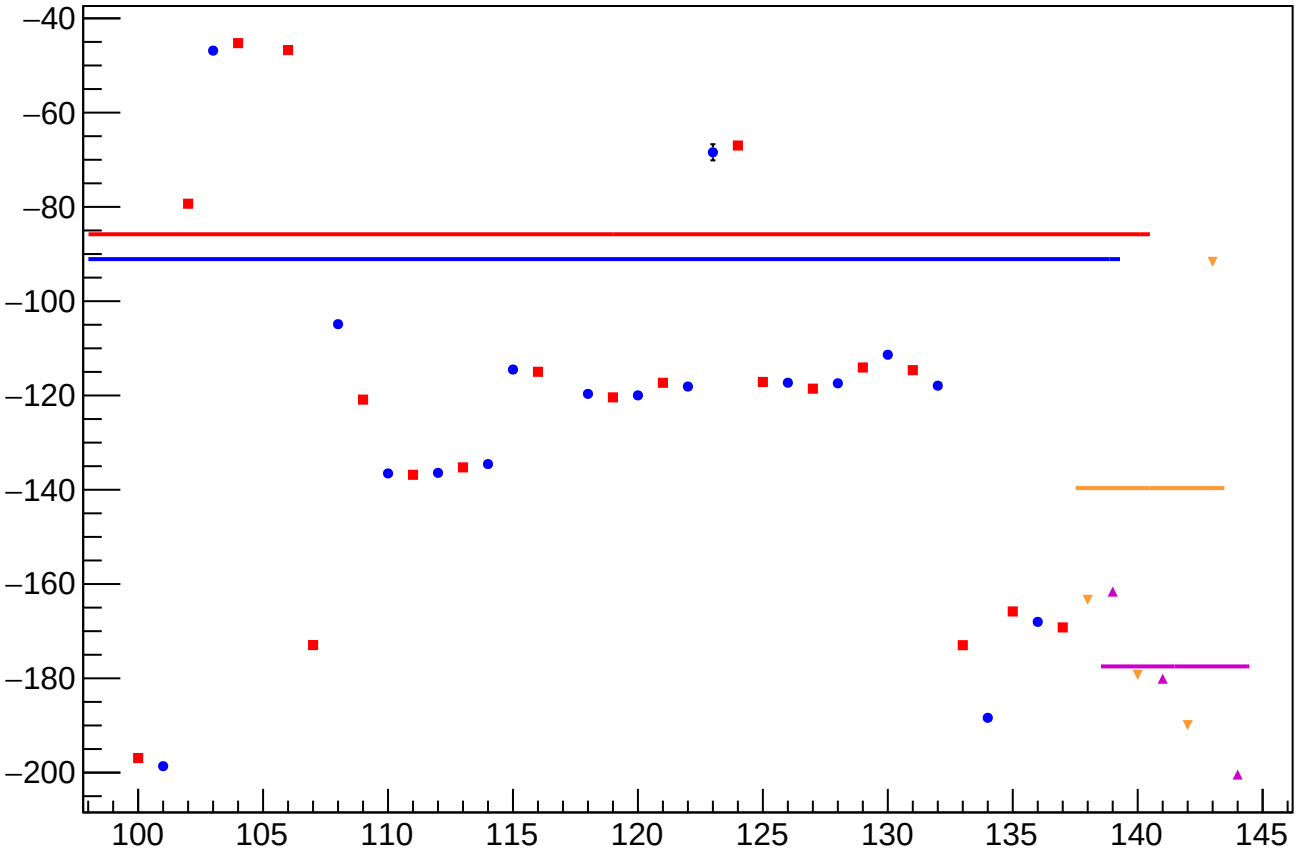
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 58.823+/-1.296 χ^2/NDF:718.8/19

Out: 51.258+/-1.170 χ^2/NDF:712.0/22

All: 54.654+/-0.869 χ^2/NDF: 1449.5/42

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: -139.648+/-0.111 χ^2/NDF:141553.5/3

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -177.475+/-0.135 χ^2/NDF:13143.6/2

Left: -154.916+/-0.086 χ^2/NDF: 201599.6/6

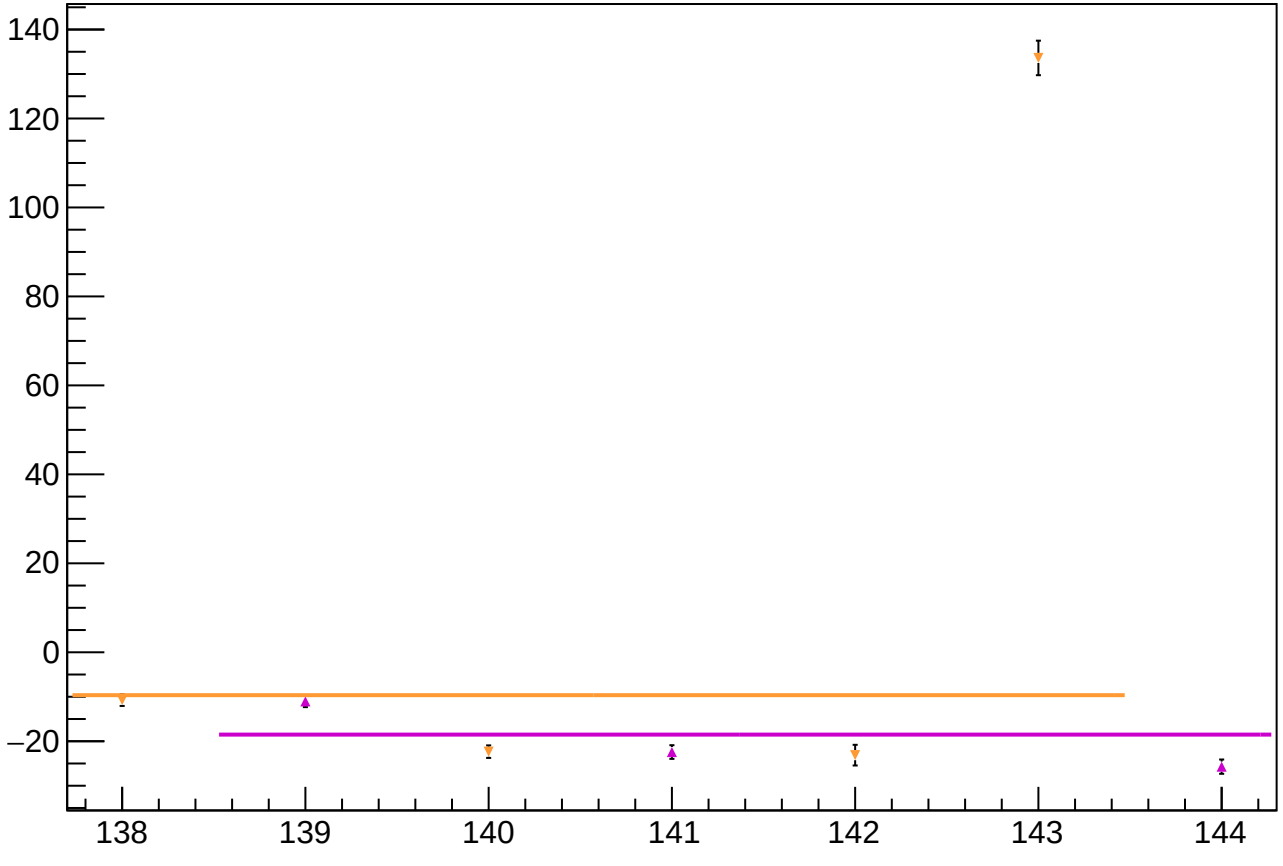
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -108.389+/-0.060 χ^2/NDF:875860.6/19

Out: -99.571+/-0.056 χ^2/NDF:812688.8/22

All: -103.657+/-0.041 χ^2/NDF: 1699993.5/42

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: -9.644+/-0.866 χ^2/NDF:1477.7/3

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

Left In: -18.506+/-0.844 χ^2/NDF:59.8/2

Left: -14.187+/-0.604 χ^2/NDF: 1591.1/6

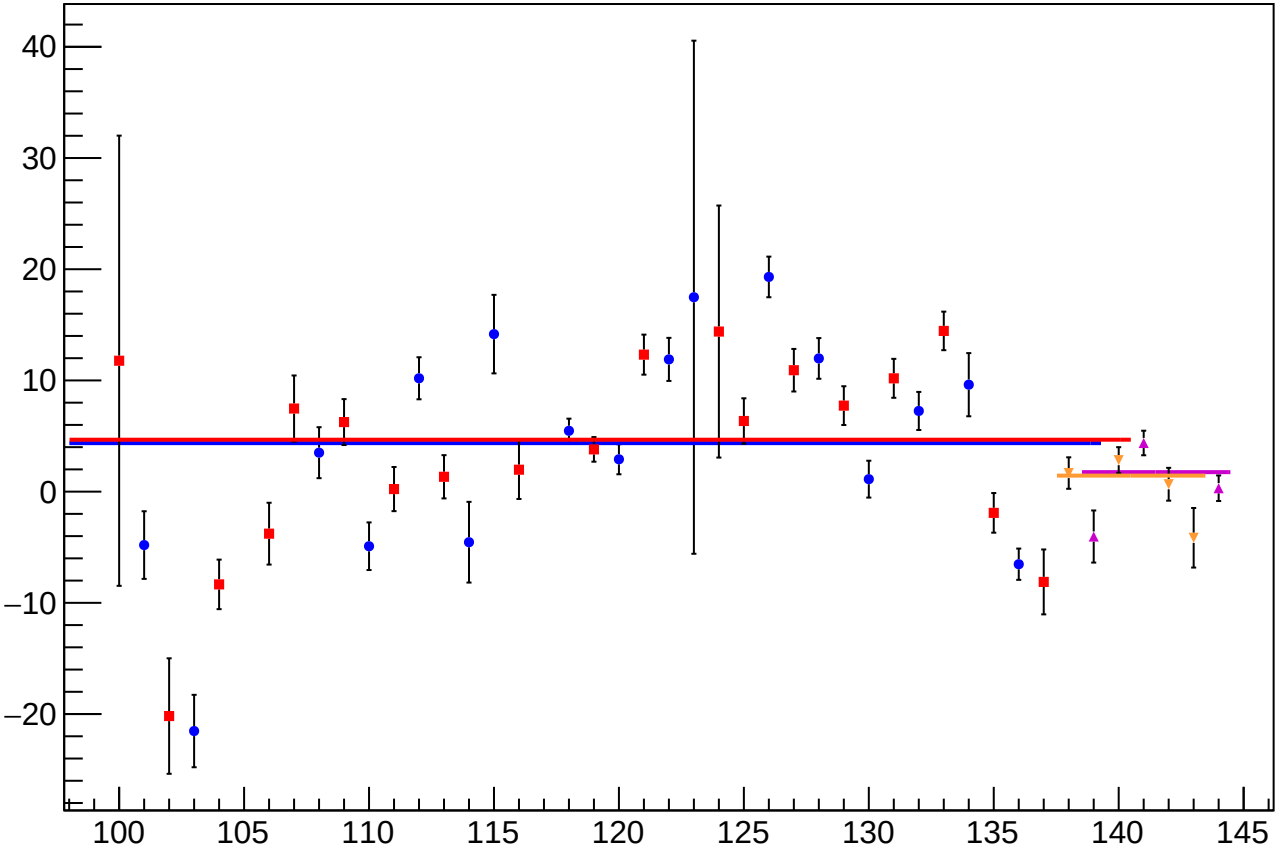
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.506+/-0.844 χ^2/NDF:59.8/2

Out: -9.644+/-0.866 χ^2/NDF:1477.7/3

All: -14.187+/-0.604 χ^2/NDF: 1591.1/6

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: 1.441+/-0.739 χ^2/NDF:6.1/3

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 1.753+/-0.754 χ^2/NDF:13.3/2

Left: 1.594+/-0.528 χ^2/NDF: 19.5/6

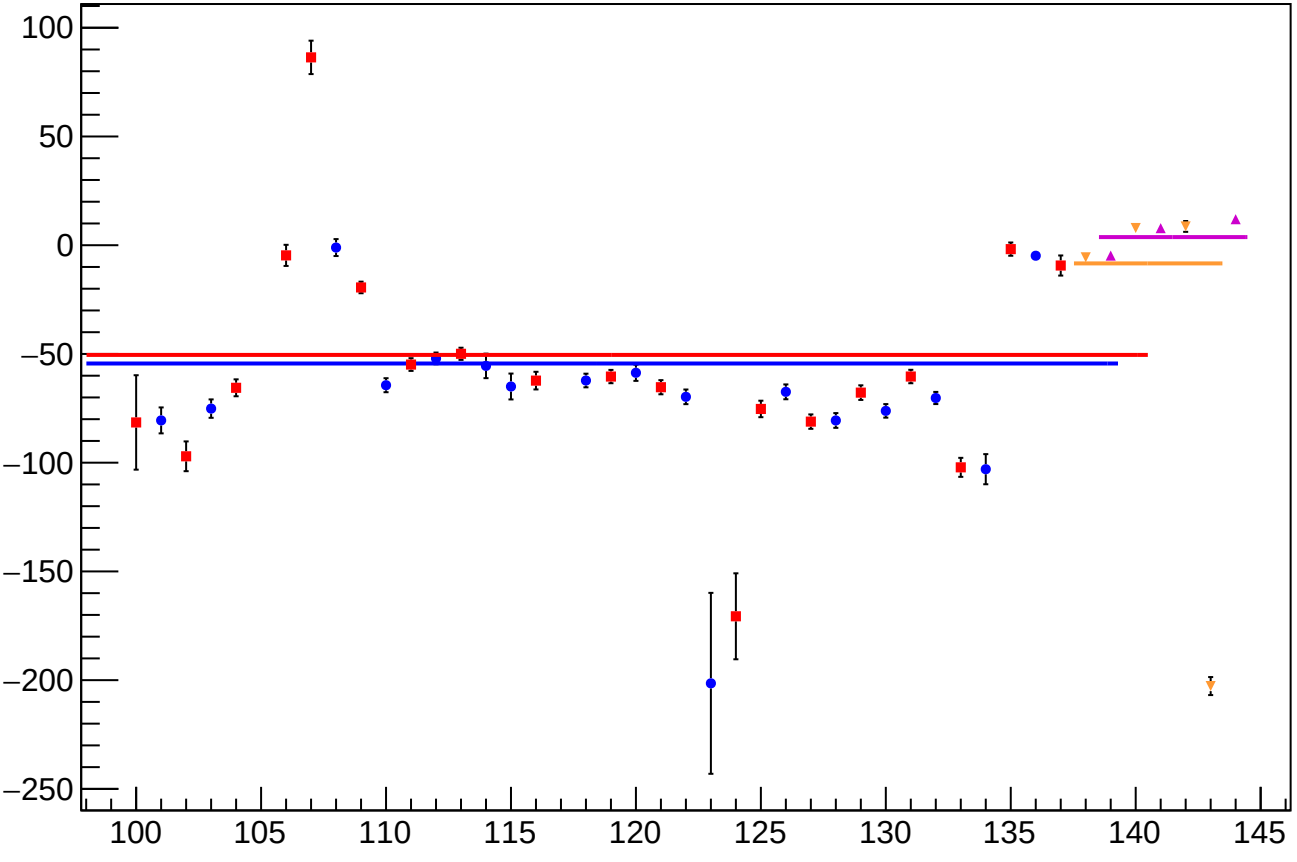
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 3.644+/-0.395 χ^2/NDF:308.5/19

Out: 3.728+/-0.399 χ^2/NDF:205.0/22

All: 3.686+/-0.281 χ^2/NDF: 513.5/42

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: -8.365+/-0.930 χ^2/NDF:2369.1/3

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: 3.736+/-0.906 χ^2/NDF:65.9/2

Left: -2.154+/-0.649 χ^2/NDF: 2521.8/6

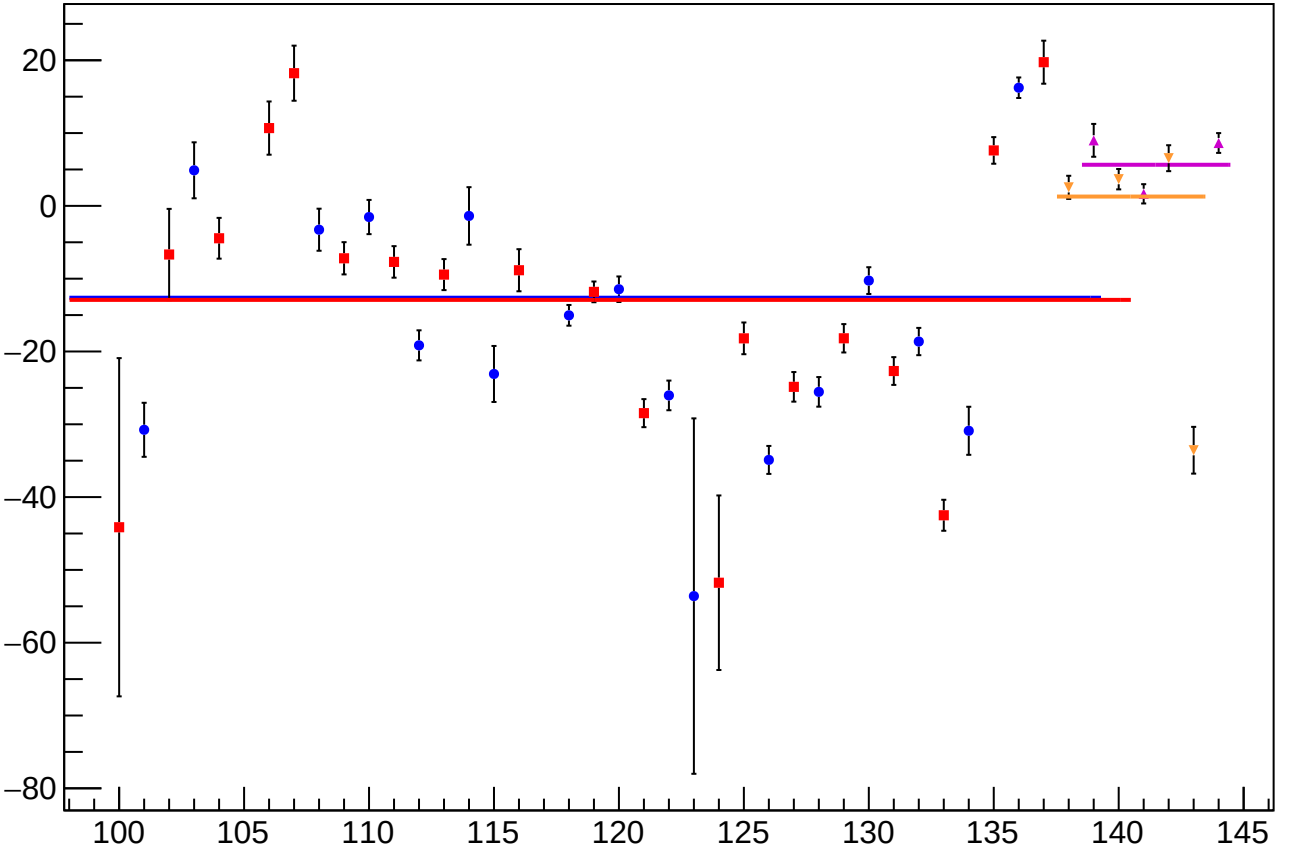
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -26.748+/-0.625 χ^2/NDF:3239.3/19

Out: -31.112+/-0.630 χ^2/NDF:4800.1/22

All: -28.910+/-0.444 χ^2/NDF: 8063.6/42

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: 1.281+/-0.871 χ^2/NDF:130.0/3

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 5.646+/-0.875 χ^2/NDF:16.1/2

Left: 3.454+/-0.617 χ^2/NDF: 158.6/6

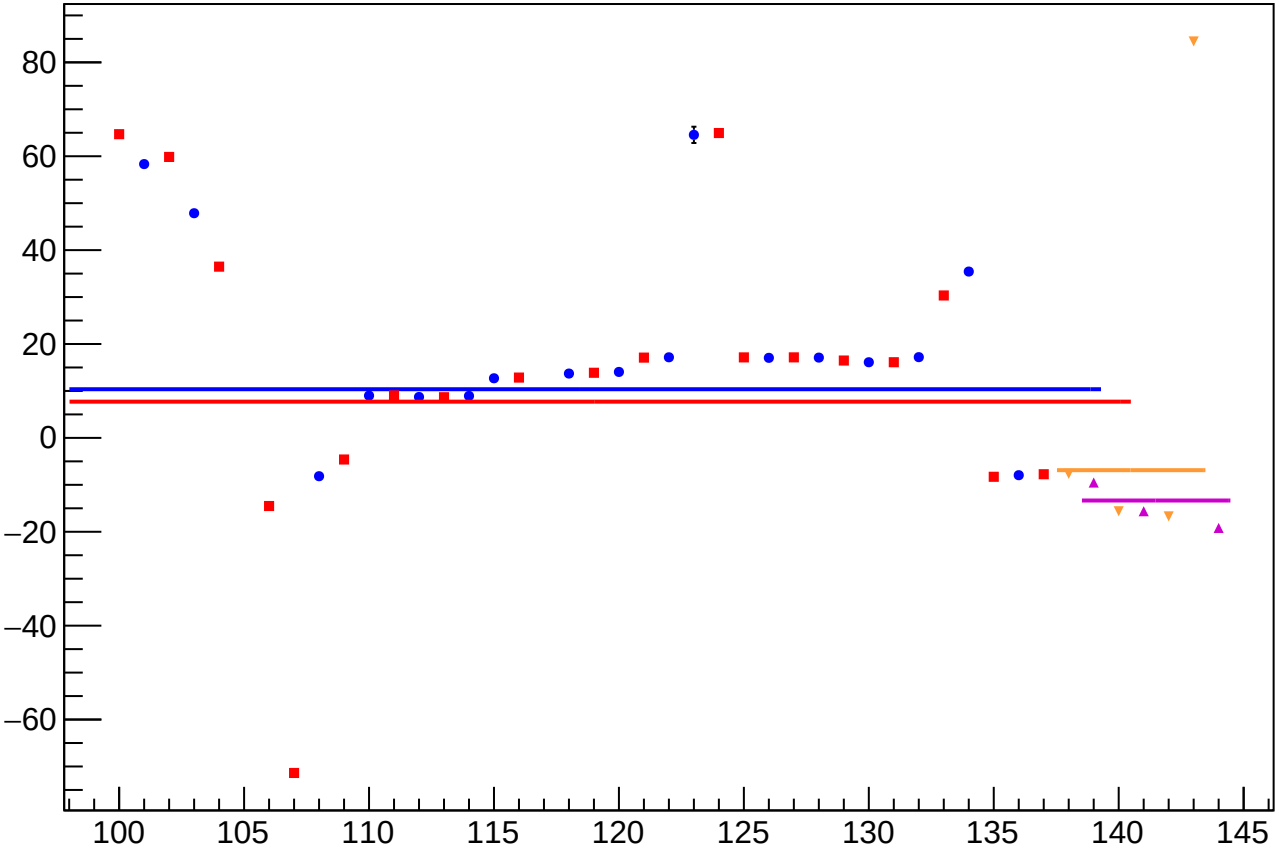
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: -7.709+/-0.453 χ^2/NDF:1123.2/19

Out: -8.990+/-0.458 χ^2/NDF:1052.4/22

All: -8.343+/-0.322 χ^2/NDF: 2179.5/42

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: -6.880+/-0.038 χ^2/NDF:330300.9/3

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -13.340+/-0.035 χ^2/NDF:13206.6/2

Left: -10.355+/-0.026 χ^2/NDF: 359223.7/6

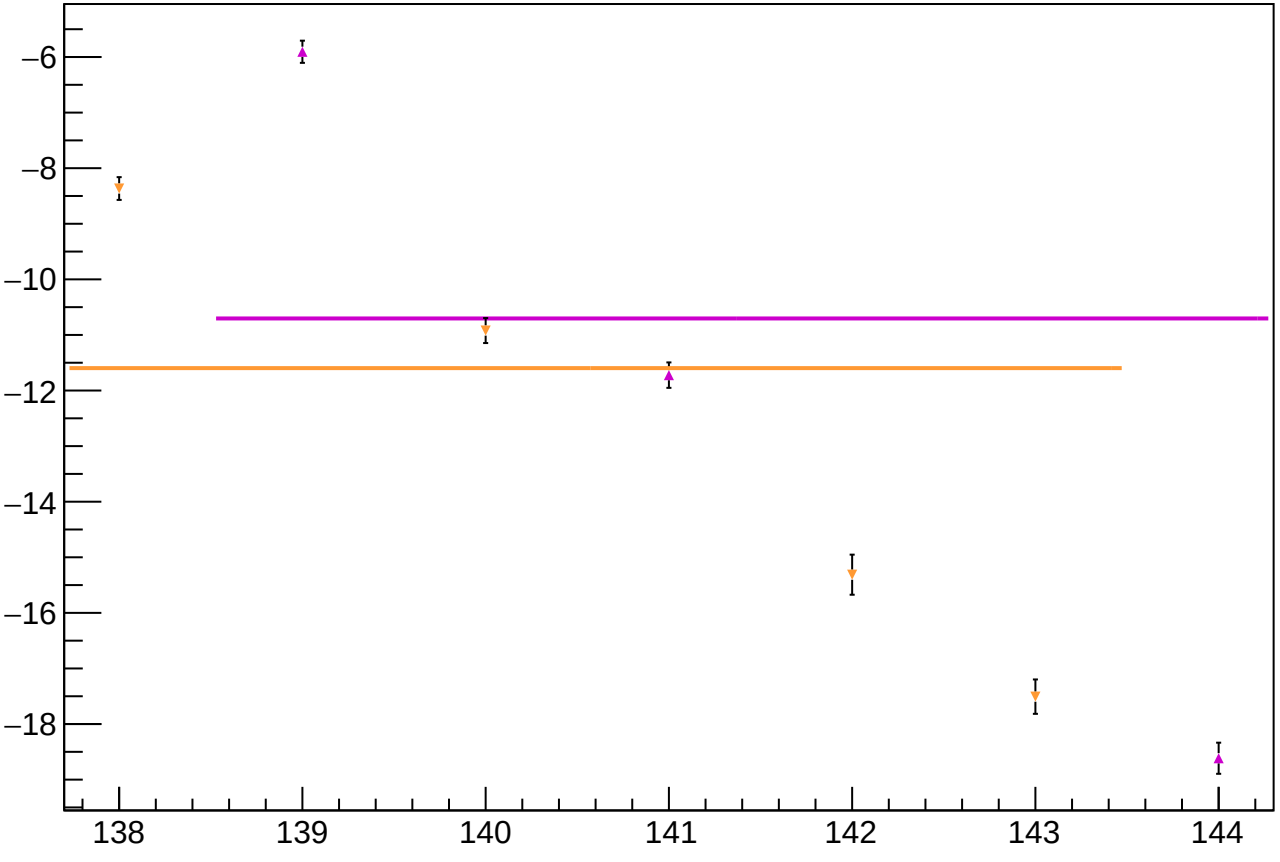
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: 0.129+/-0.023 χ^2/NDF:654455.2/19

Out: 1.791+/-0.024 χ^2/NDF:963986.3/22

All: 0.922+/-0.017 χ^2/NDF: 1620929.2/42

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: -11.597+/-0.127 χ^2/NDF:729.2/3

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

Left In: -10.703+/-0.132 χ^2/NDF:1396.7/2

Left: -11.168+/-0.092 χ^2/NDF: 2149.5/6

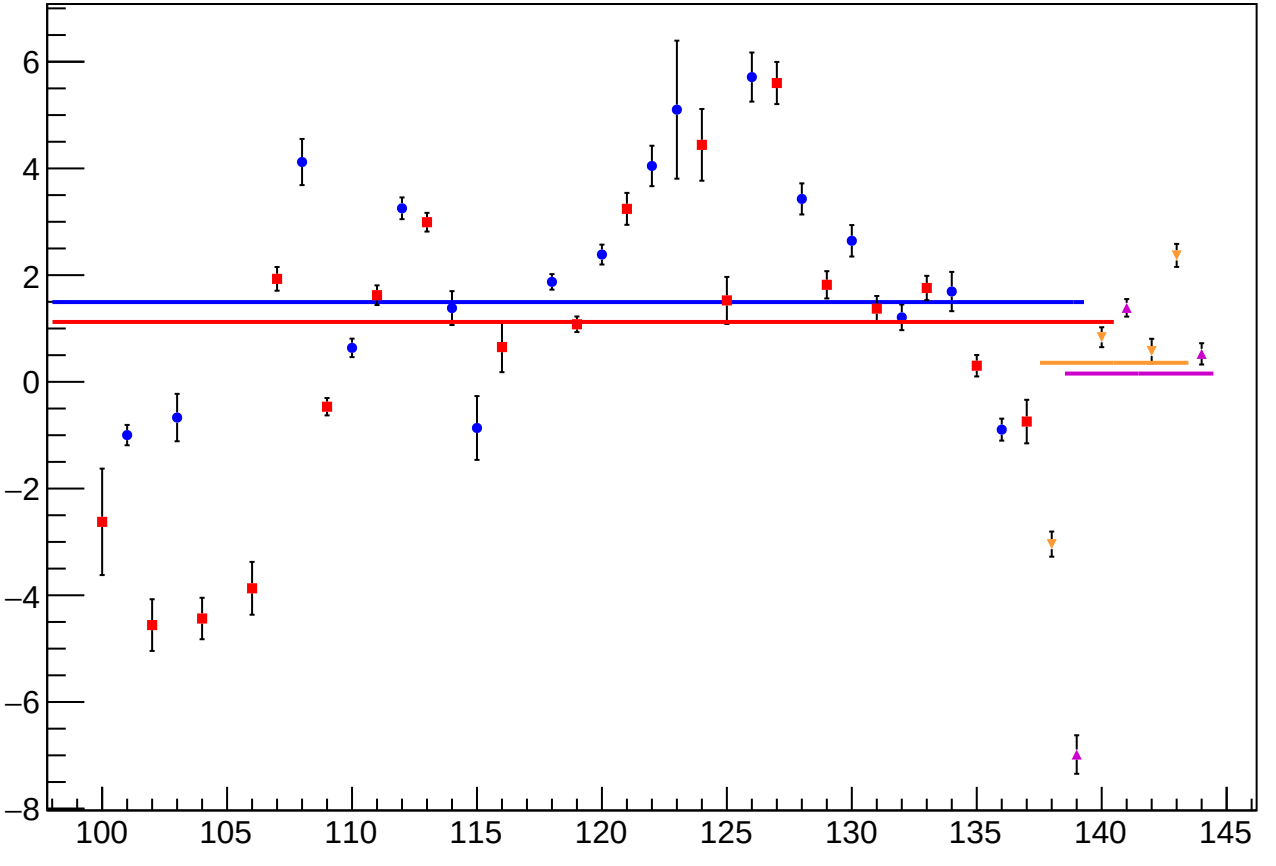
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.703+/-0.132 χ^2/NDF:1396.7/2

Out: -11.597+/-0.127 χ^2/NDF:729.2/3

All: -11.168+/-0.092 χ^2/NDF: 2149.5/6

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: 0.357+/-0.107 χ^2/NDF:303.1/3

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 0.156+/-0.120 χ^2/NDF:450.5/2

Left: 0.268+/-0.080 χ^2/NDF: 755.2/6

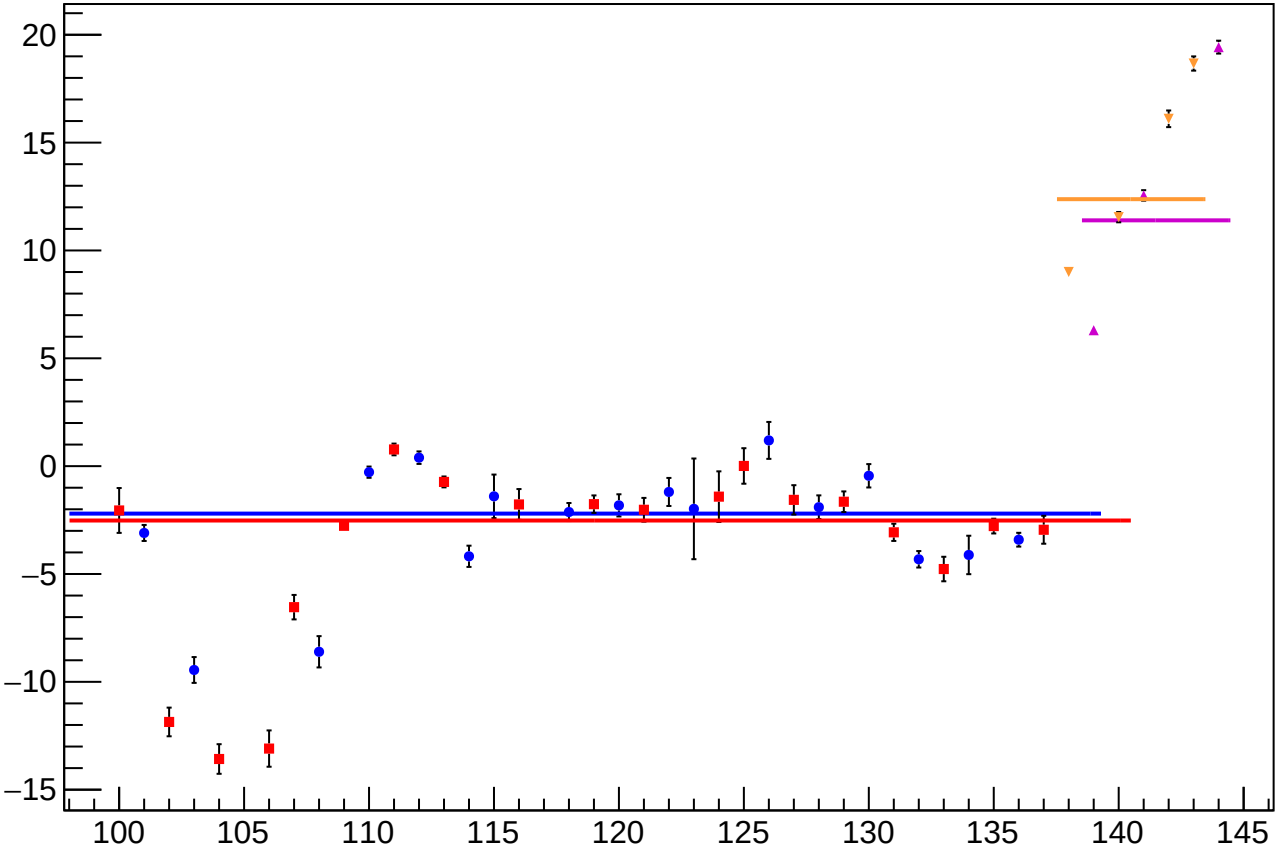
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.218+/-0.054 χ^2/NDF:1258.7/19

Out: 0.948+/-0.051 χ^2/NDF:1289.1/22

All: 1.075+/-0.037 χ^2/NDF: 2560.9/42

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: 12.378+/-0.137 χ^2/NDF:698.4/3

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 11.396+/-0.142 χ^2/NDF:1300.2/2

Left: 11.906+/-0.099 χ^2/NDF: 2023.3/6

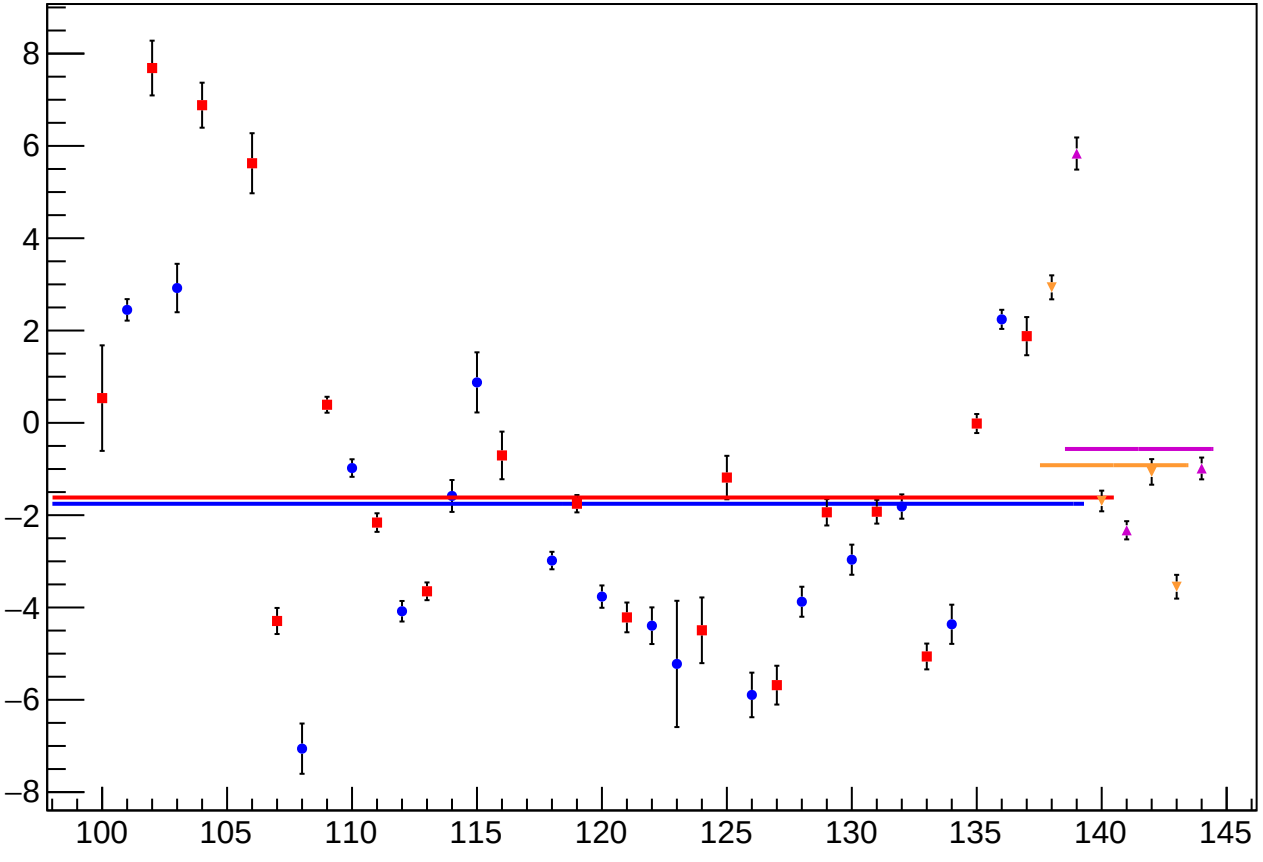
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 2.928+/-0.087 χ^2/NDF:7462.9/19

Out: 2.602+/-0.080 χ^2/NDF:9396.0/22

All: 2.752+/-0.059 χ^2/NDF: 16866.5/42

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: -0.918+/-0.126 χ^2/NDF:336.9/3

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -0.566+/-0.139 χ^2/NDF:421.5/2

Left: -0.758+/-0.093 χ^2/NDF: 762.0/6

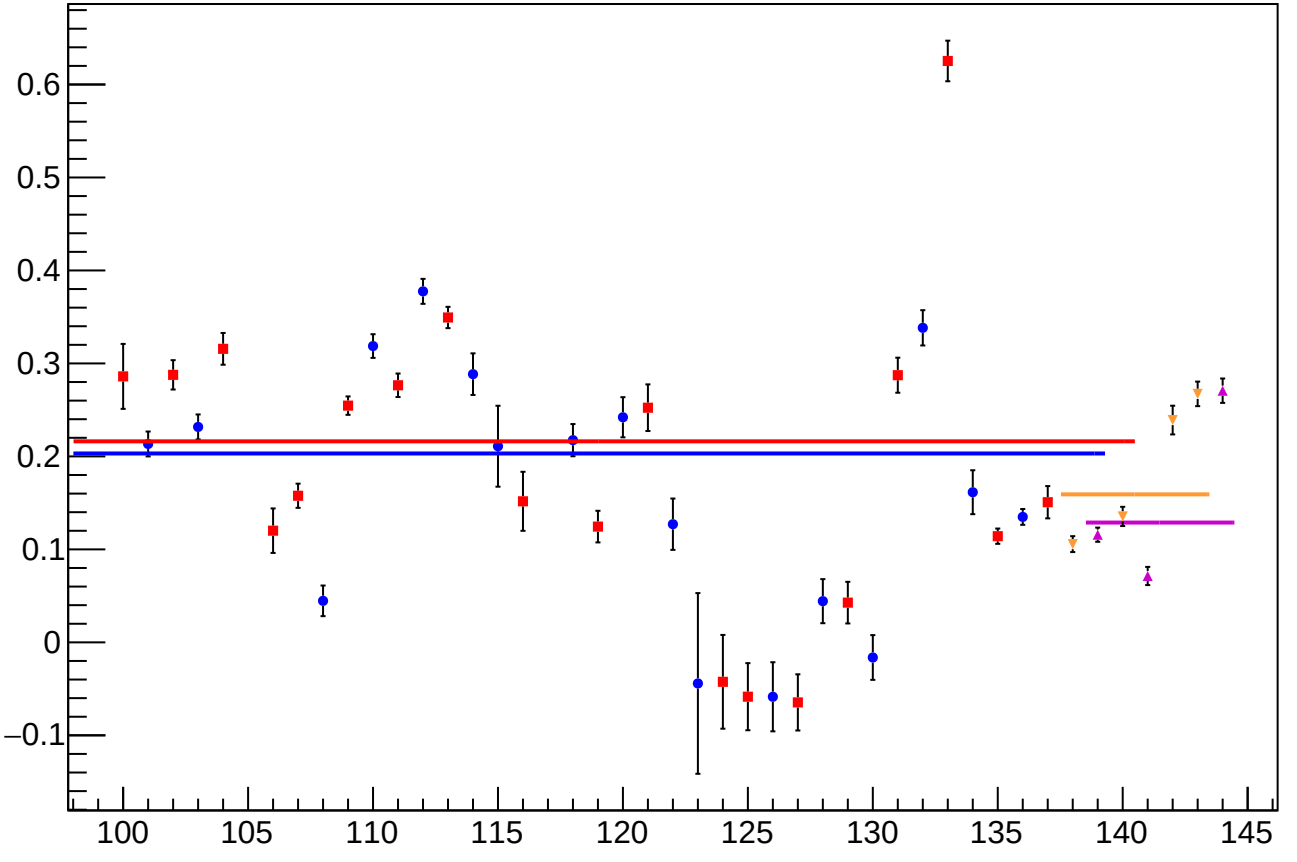
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -1.511+/-0.063 χ^2/NDF:1824.8/19

Out: -1.468+/-0.058 χ^2/NDF:1848.7/22

All: -1.488+/-0.043 χ^2/NDF: 3673.8/42

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: 0.159+/-0.006 χ^2/NDF:138.3/3

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.129+/-0.005 χ^2/NDF:154.7/2

Left: 0.144+/-0.004 χ^2/NDF: 308.2/6

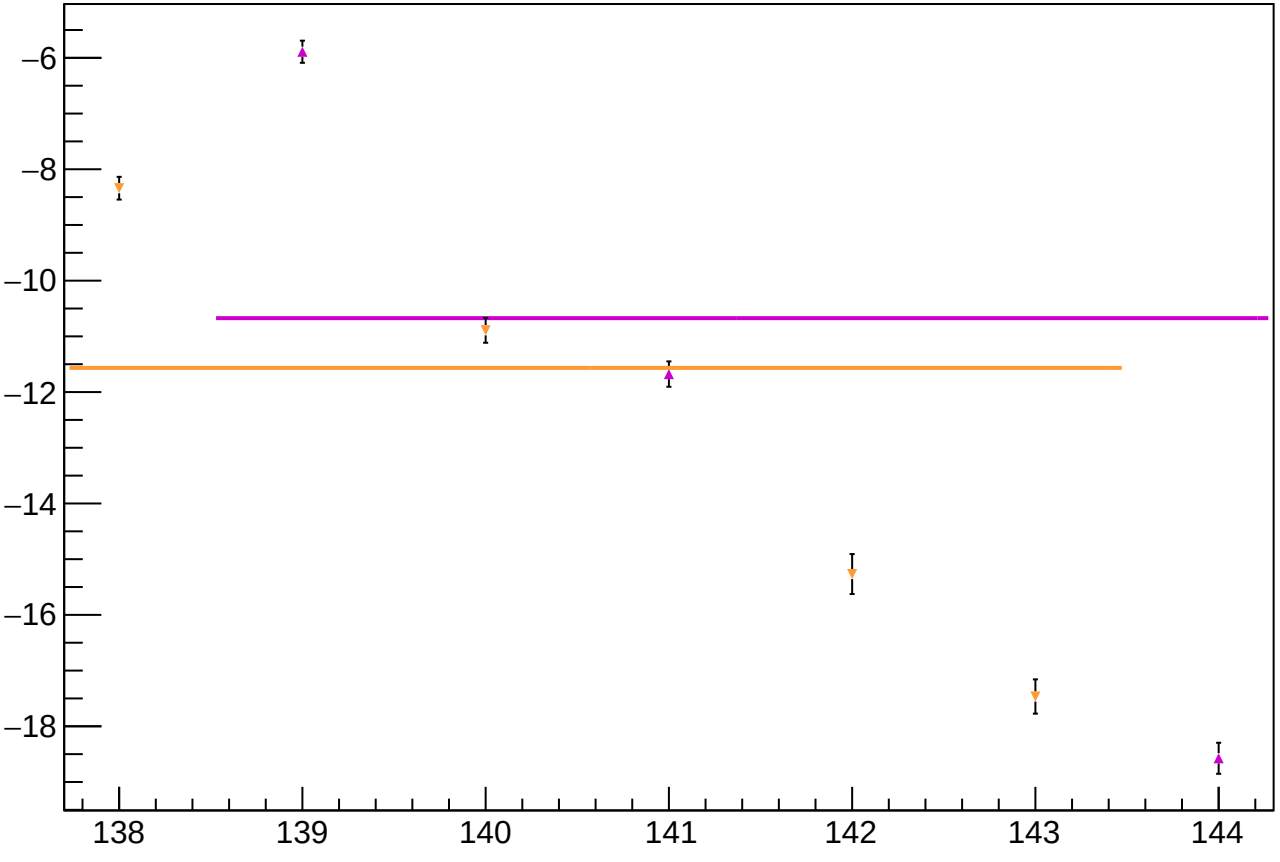
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.176+/-0.003 χ^2/NDF:949.4/19

Out: 0.199+/-0.003 χ^2/NDF:1279.6/22

All: 0.188+/-0.002 χ^2/NDF: 2253.8/42

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: -11.566+/-0.127 χ^2/NDF:732.8/3

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

Left In: -10.673+/-0.132 χ^2/NDF:1402.8/2

Left: -11.137+/-0.091 χ^2/NDF: 2159.4/6

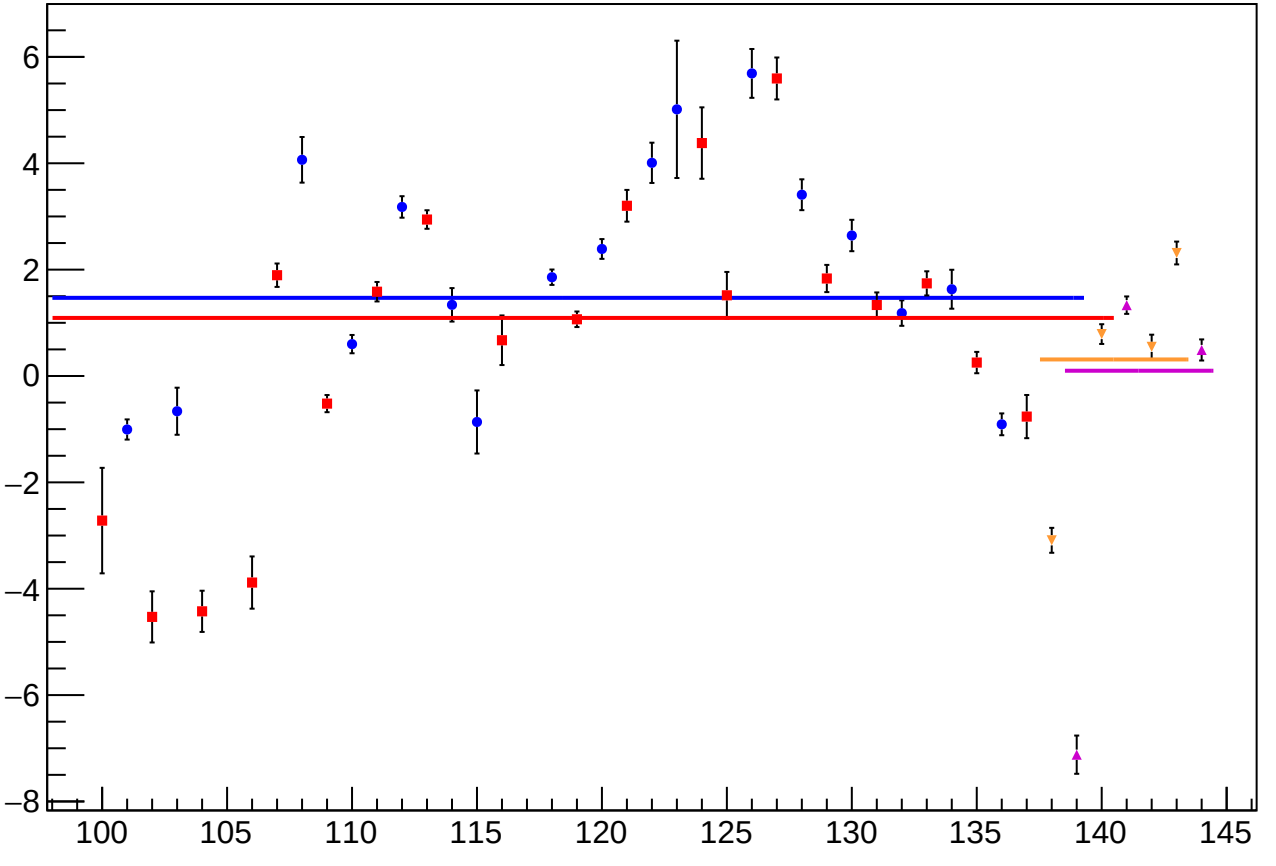
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.673+/-0.132 χ^2/NDF:1402.8/2

Out: -11.566+/-0.127 χ^2/NDF:732.8/3

All: -11.137+/-0.091 χ^2/NDF: 2159.4/6

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: 0.311+/-0.107 χ^2/NDF:305.3/3

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 0.099+/-0.119 χ^2/NDF:463.8/2

Left: 0.217+/-0.079 χ^2/NDF: 770.8/6

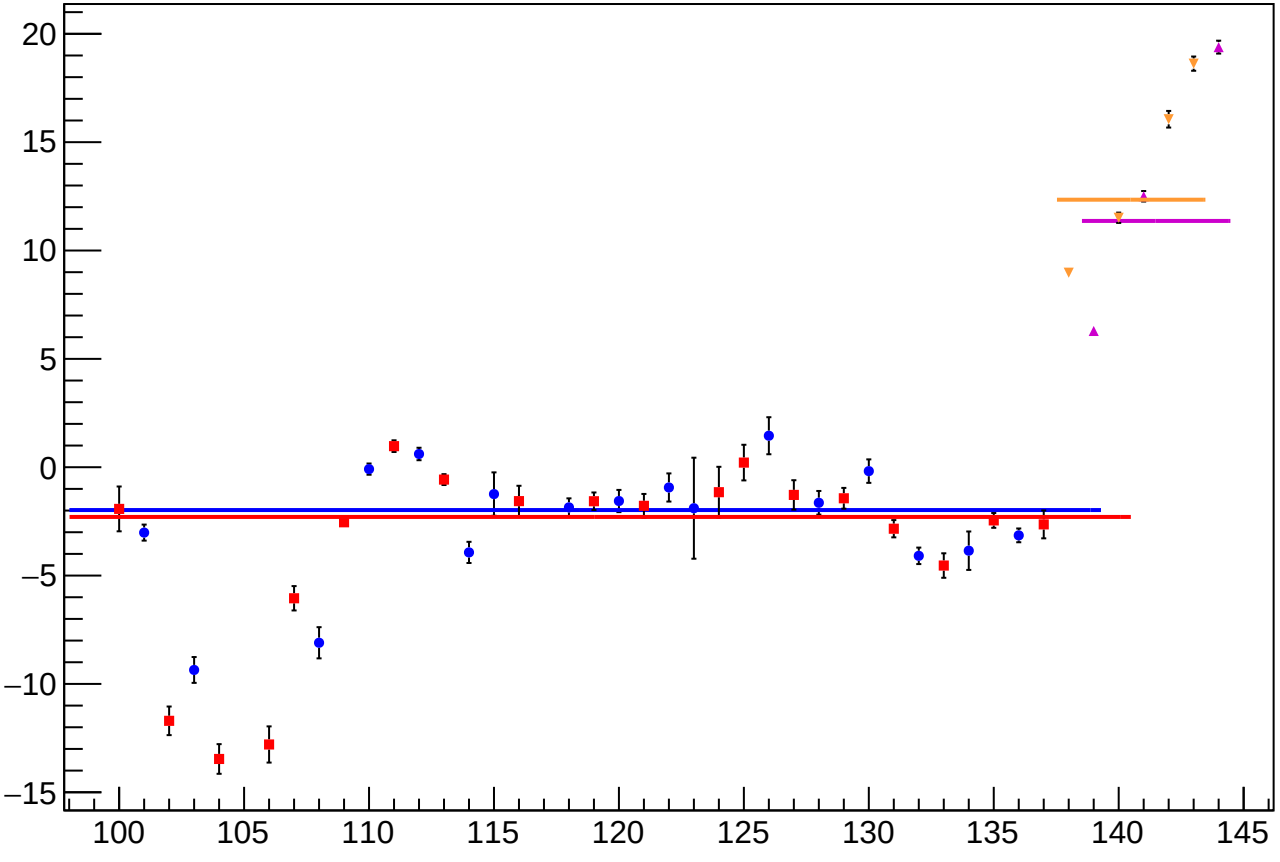
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.187+/-0.054 χ^2/NDF:1276.6/19

Out: 0.914+/-0.051 χ^2/NDF:1298.8/22

All: 1.042+/-0.037 χ^2/NDF: 2588.9/42

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: 12.345+/-0.136 χ^2/NDF:701.9/3

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 11.365+/-0.141 χ^2/NDF:1305.5/2

Left: 11.874+/-0.098 χ^2/NDF: 2032.3/6

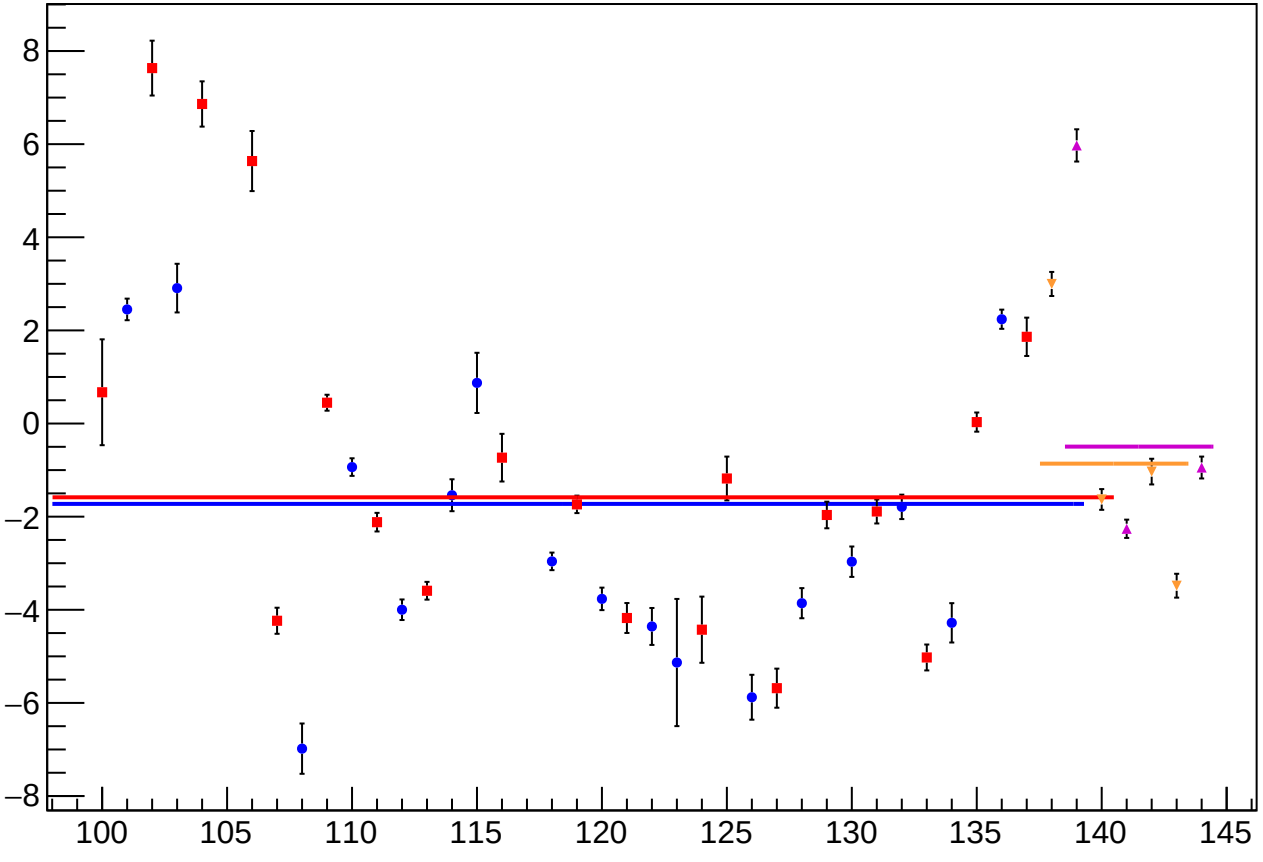
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 3.052+/-0.087 χ^2/NDF:7310.1/19

Out: 2.734+/-0.080 χ^2/NDF:9207.1/22

All: 2.880+/-0.059 χ^2/NDF: 16524.4/42

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: -0.862+/-0.125 χ^2/NDF:339.6/3

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -0.496+/-0.138 χ^2/NDF:433.2/2

Left: -0.696+/-0.093 χ^2/NDF: 776.6/6

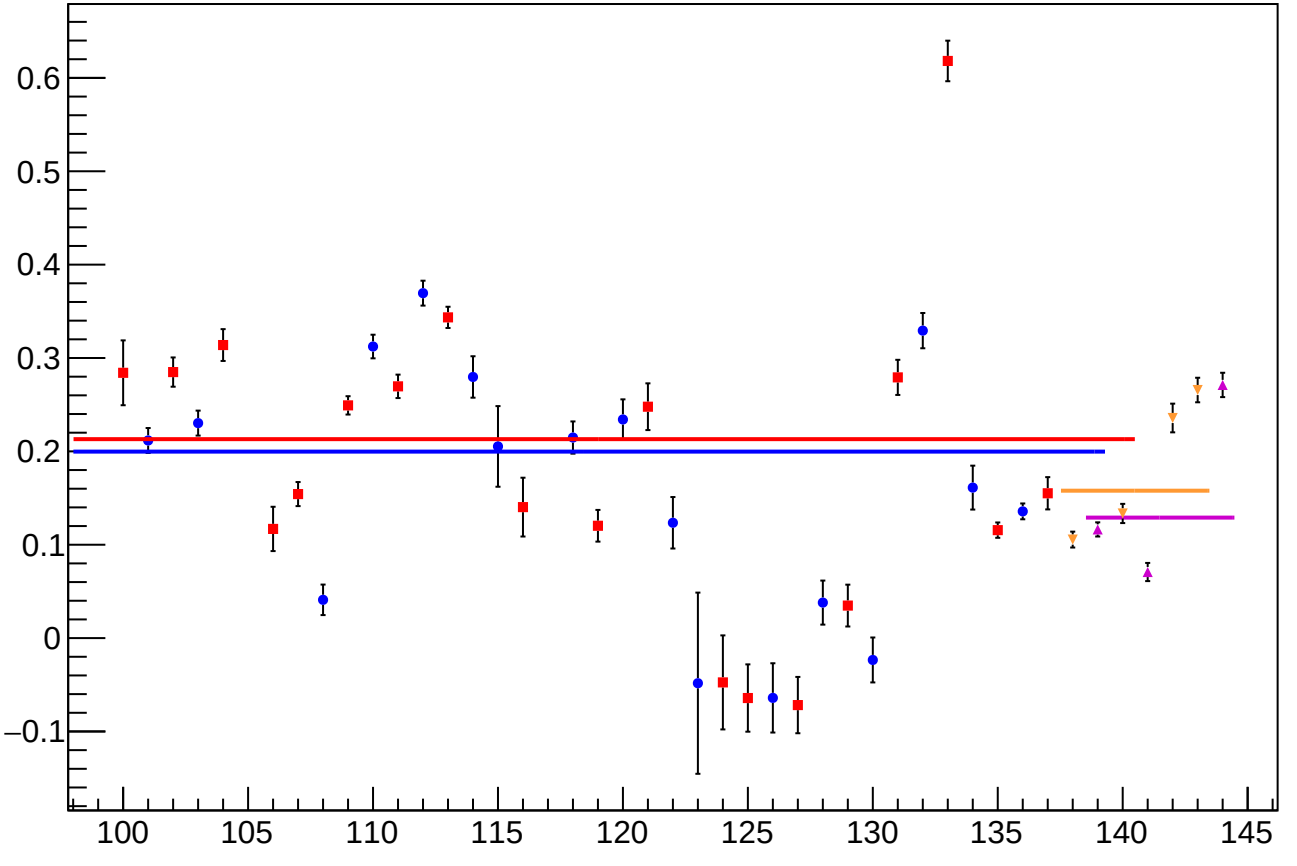
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -1.475+/-0.062 χ^2/NDF:1837.7/19

Out: -1.430+/-0.058 χ^2/NDF:1858.5/22

All: -1.451+/-0.042 χ^2/NDF: 3696.5/42

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: 0.158+/-0.005 χ^2/NDF:136.5/3

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.129+/-0.005 χ^2/NDF:157.3/2

Left: 0.143+/-0.004 χ^2/NDF: 307.7/6

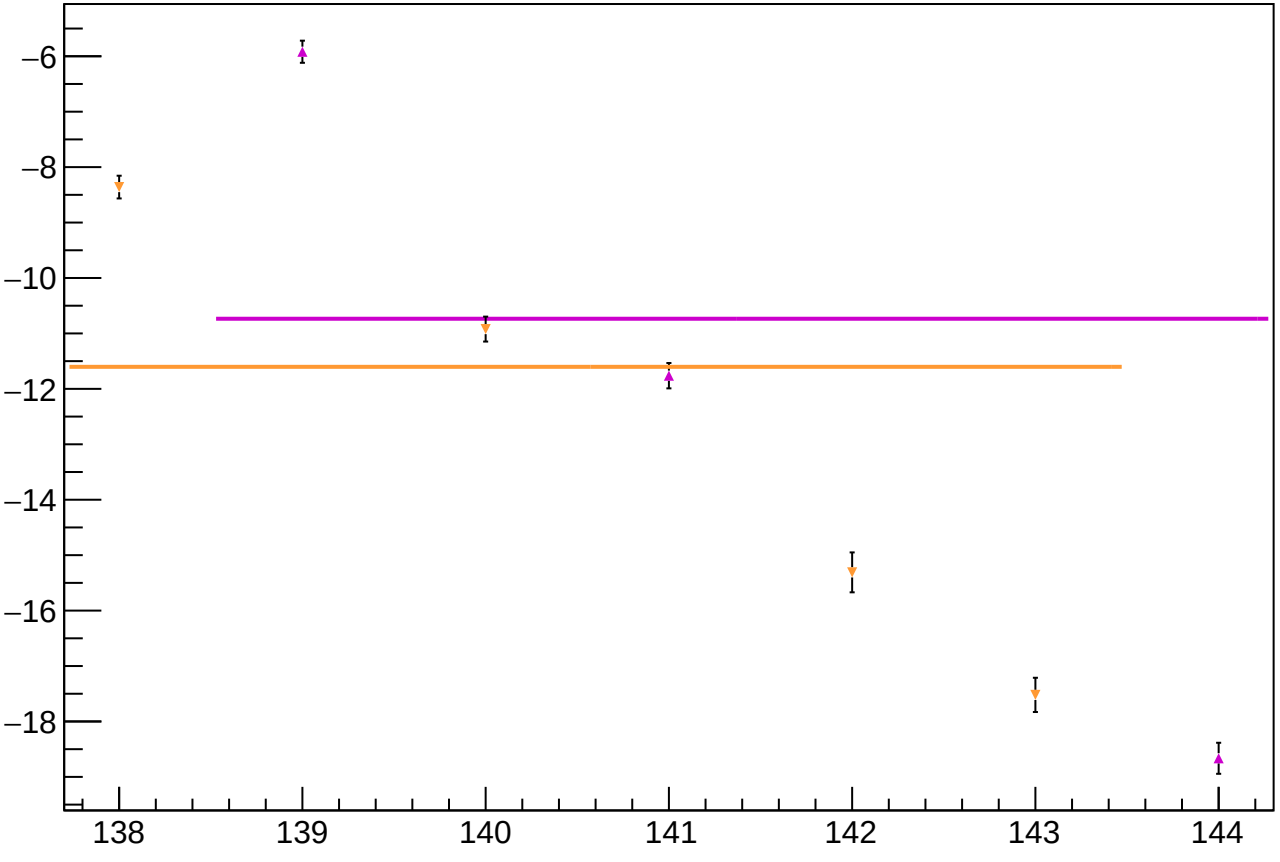
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.174+/-0.003 χ^2/NDF:927.2/19

Out: 0.196+/-0.003 χ^2/NDF:1257.3/22

All: 0.186+/-0.002 χ^2/NDF: 2208.5/42

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: -11.603+/-0.127 χ^2/NDF:732.5/3

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

Left In: -10.735+/-0.132 χ^2/NDF:1405.0/2

Left: -11.186+/-0.092 χ^2/NDF: 2159.8/6

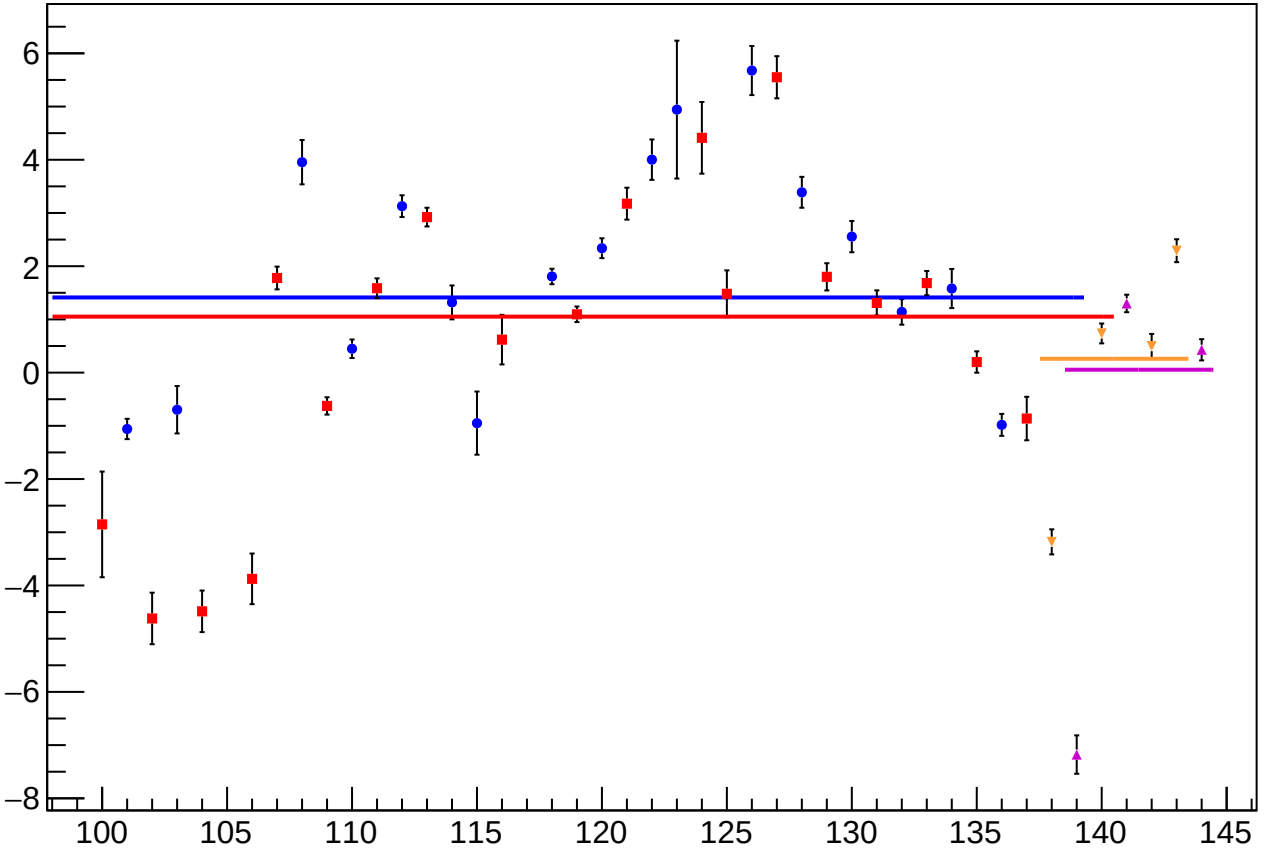
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.735+/-0.132 χ^2/NDF:1405.0/2

Out: -11.603+/-0.127 χ^2/NDF:732.5/3

All: -11.186+/-0.092 χ^2/NDF: 2159.8/6

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: 0.260+/-0.107 χ^2/NDF:310.0/3

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 0.054+/-0.120 χ^2/NDF:462.0/2

Left: 0.169+/-0.080 χ^2/NDF: 773.6/6

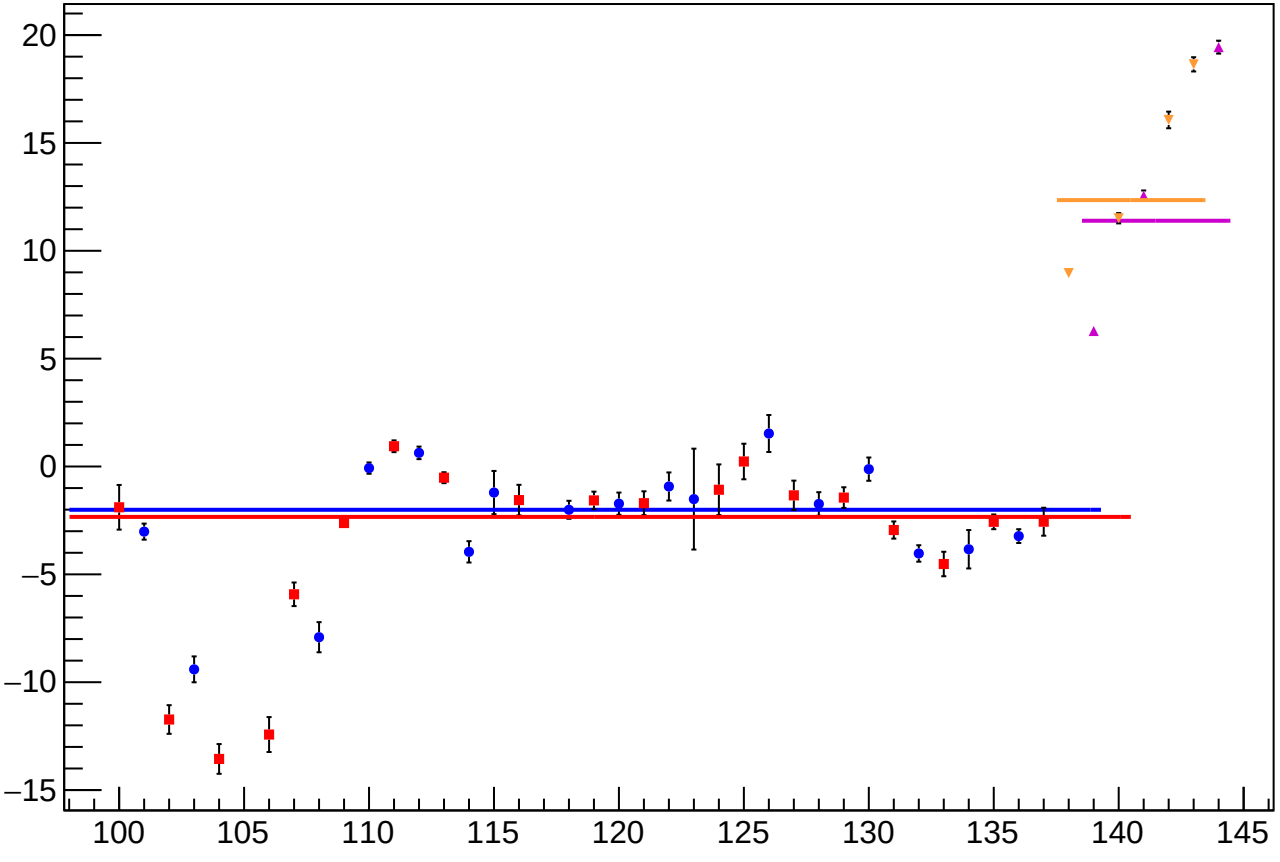
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.132+/-0.054 χ^2/NDF:1278.0/19

Out: 0.872+/-0.051 χ^2/NDF:1315.6/22

All: 0.994+/-0.037 χ^2/NDF: 2605.8/42

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: 12.349+/-0.137 χ^2/NDF:700.7/3

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 11.393+/-0.142 χ^2/NDF:1307.2/2

Left: 11.890+/-0.099 χ^2/NDF: 2031.4/6

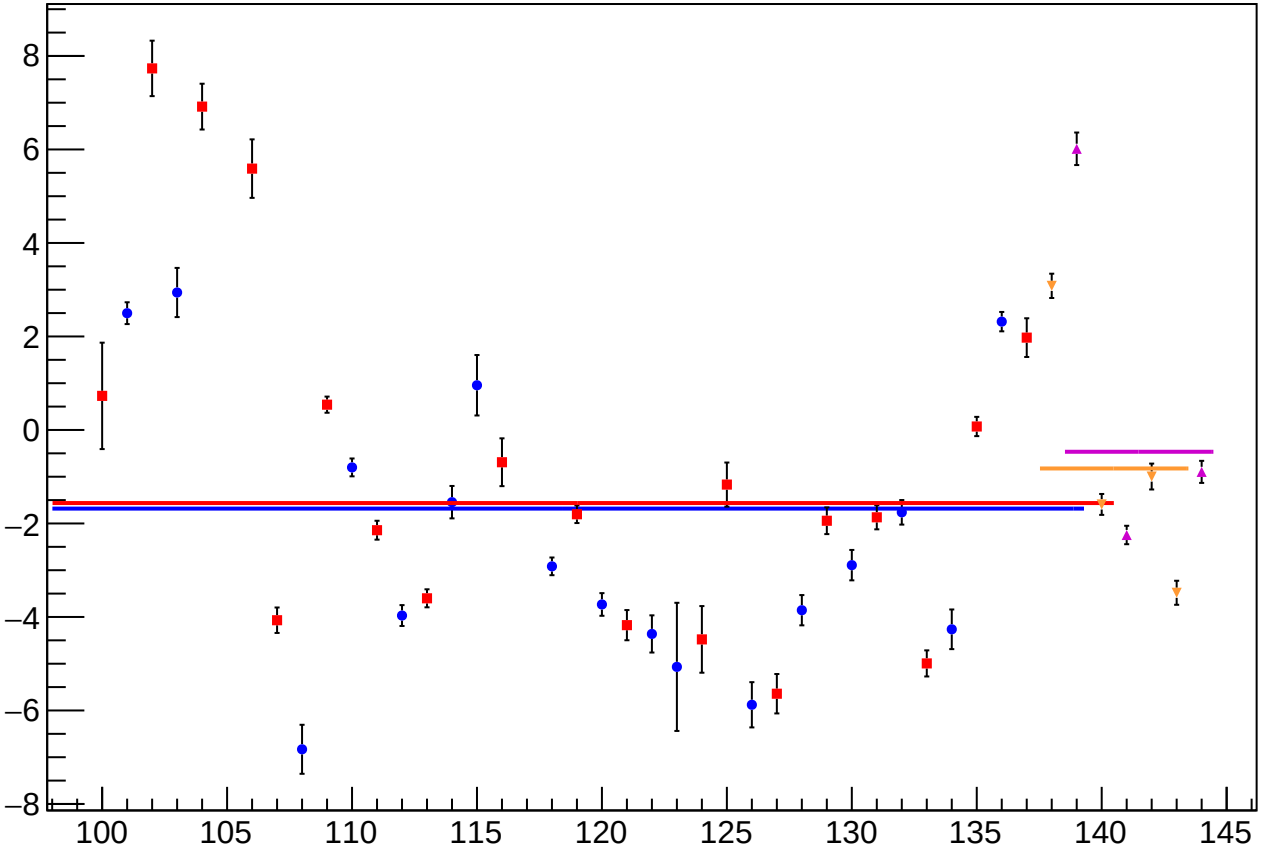
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 3.050+/-0.087 χ^2/NDF:7307.2/19

Out: 2.711+/-0.080 χ^2/NDF:9177.9/22

All: 2.866+/-0.059 χ^2/NDF: 16493.2/42

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: -0.824+/-0.126 χ^2/NDF:345.0/3

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -0.466+/-0.139 χ^2/NDF:431.8/2

Left: -0.662+/-0.093 χ^2/NDF: 780.5/6

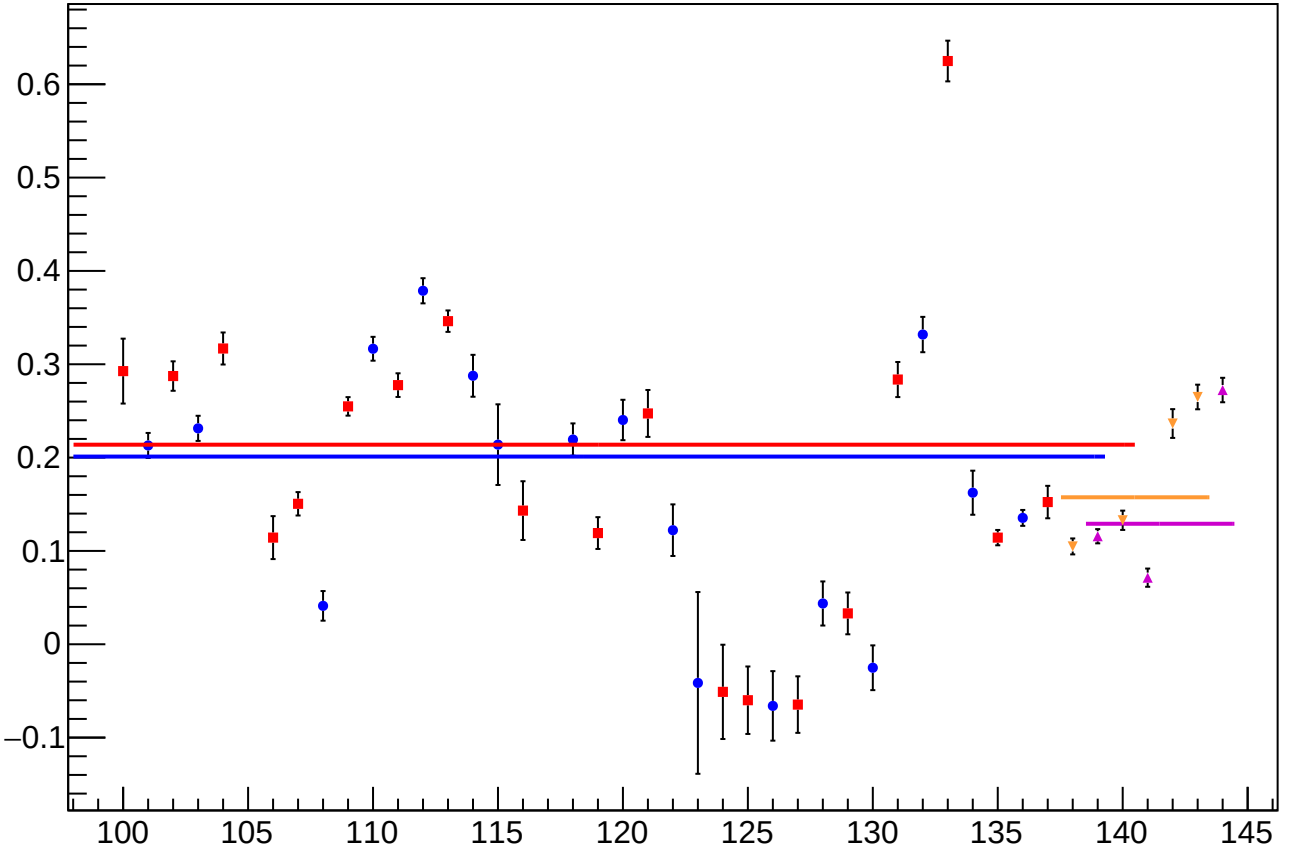
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -1.434+/-0.063 χ^2/NDF:1840.8/19

Out: -1.406+/-0.058 χ^2/NDF:1876.8/22

All: -1.419+/-0.043 χ^2/NDF: 3717.7/42

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: 0.157+/-0.006 χ^2/NDF:136.2/3

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.129+/-0.005 χ^2/NDF:157.6/2

Left: 0.143+/-0.004 χ^2/NDF: 307.2/6

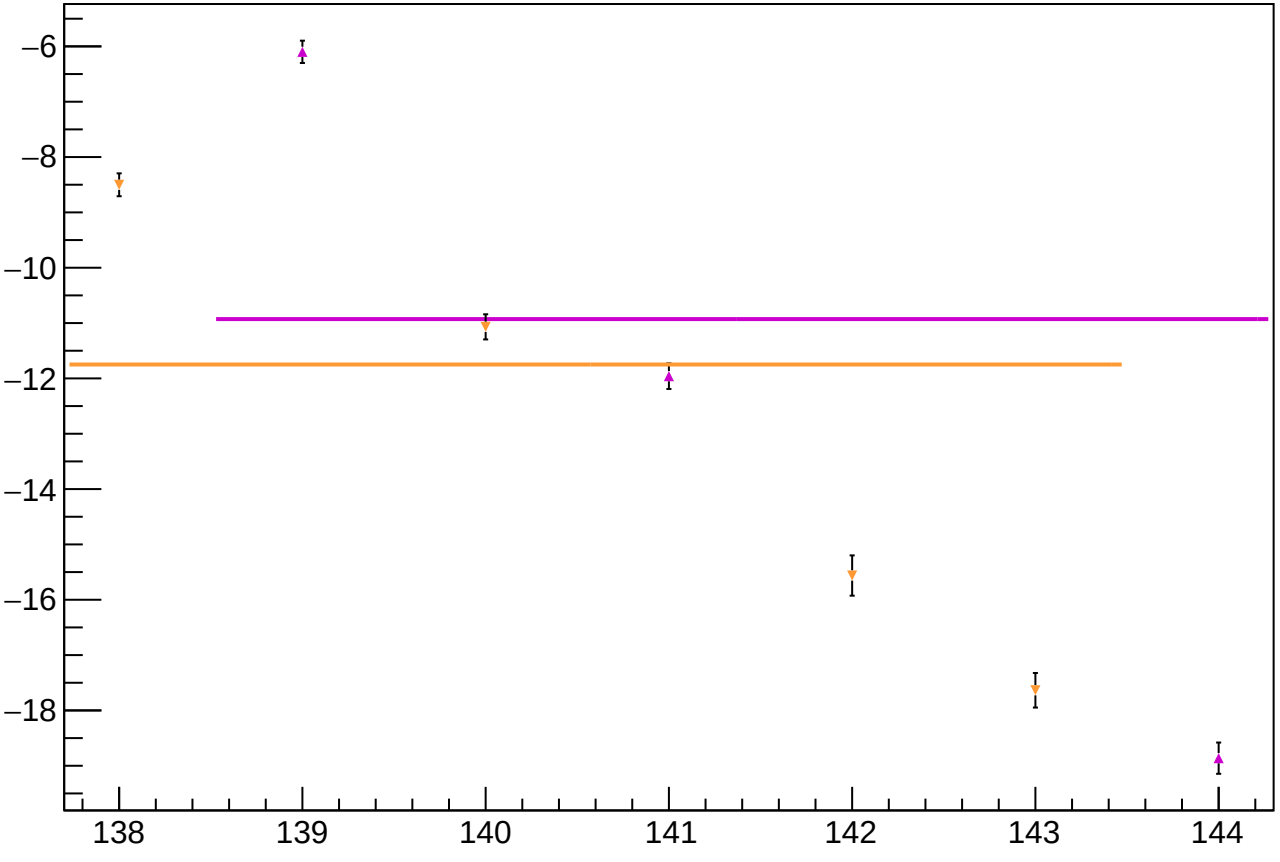
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.175+/-0.003 χ^2/NDF:959.4/19

Out: 0.196+/-0.003 χ^2/NDF:1291.8/22

All: 0.186+/-0.002 χ^2/NDF: 2274.0/42

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: -11.749+/-0.128 χ^2/NDF:720.7/3

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

Left In: -10.928+/-0.134 χ^2/NDF:1383.1/2

Left: -11.355+/-0.093 χ^2/NDF: 2123.3/6

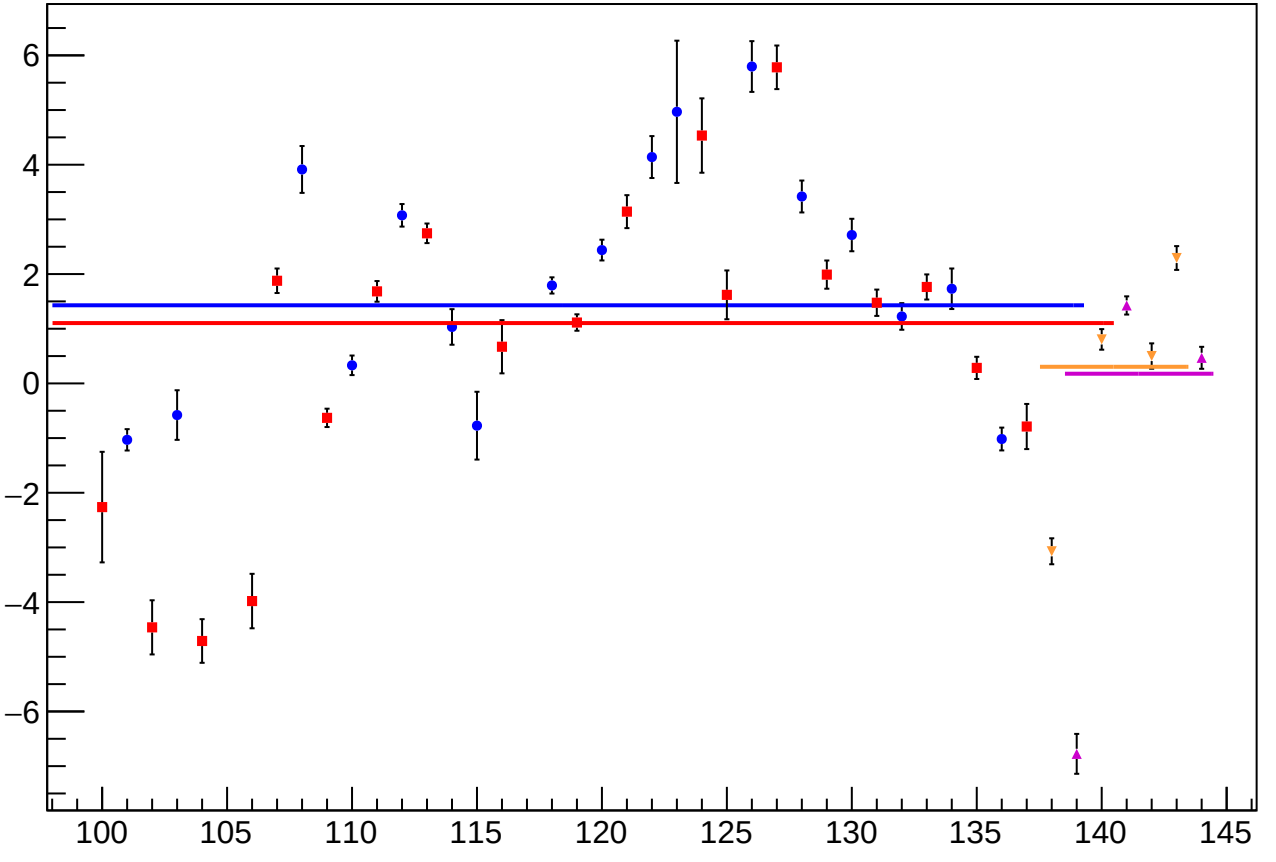
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.928+/-0.134 χ^2/NDF:1383.1/2

Out: -11.749+/-0.128 χ^2/NDF:720.7/3

All: -11.355+/-0.093 χ^2/NDF: 2123.3/6

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: 0.304+/-0.108 χ^2/NDF:293.3/3

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 0.177+/-0.121 χ^2/NDF:421.5/2

Left: 0.248+/-0.081 χ^2/NDF: 715.4/6

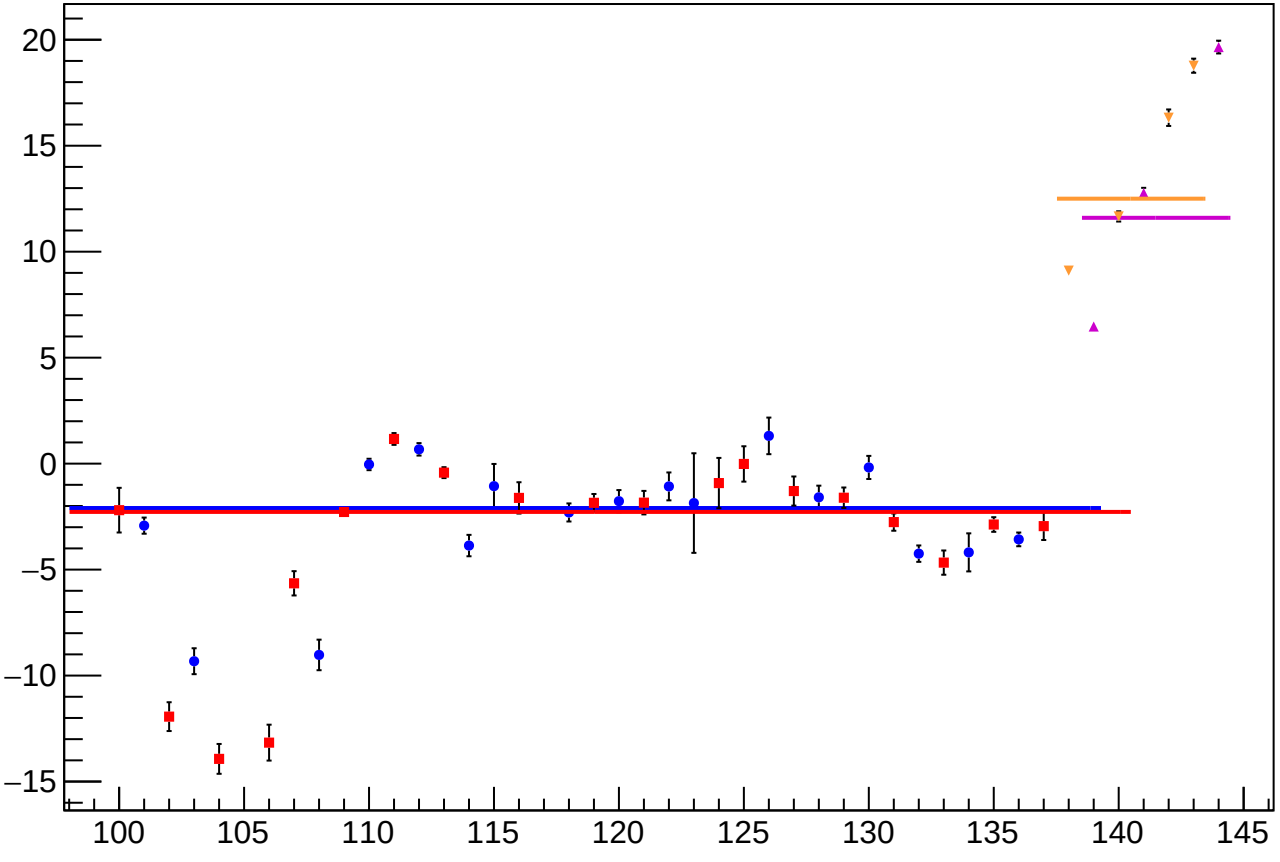
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.167+/-0.055 χ^2/NDF:1217.6/19

Out: 0.918+/-0.052 χ^2/NDF:1271.9/22

All: 1.035+/-0.038 χ^2/NDF: 2500.3/42

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: 12.501+/-0.138 χ^2/NDF:690.7/3

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 11.598+/-0.144 χ^2/NDF:1288.1/2

Left: 12.068+/-0.100 χ^2/NDF: 1999.3/6

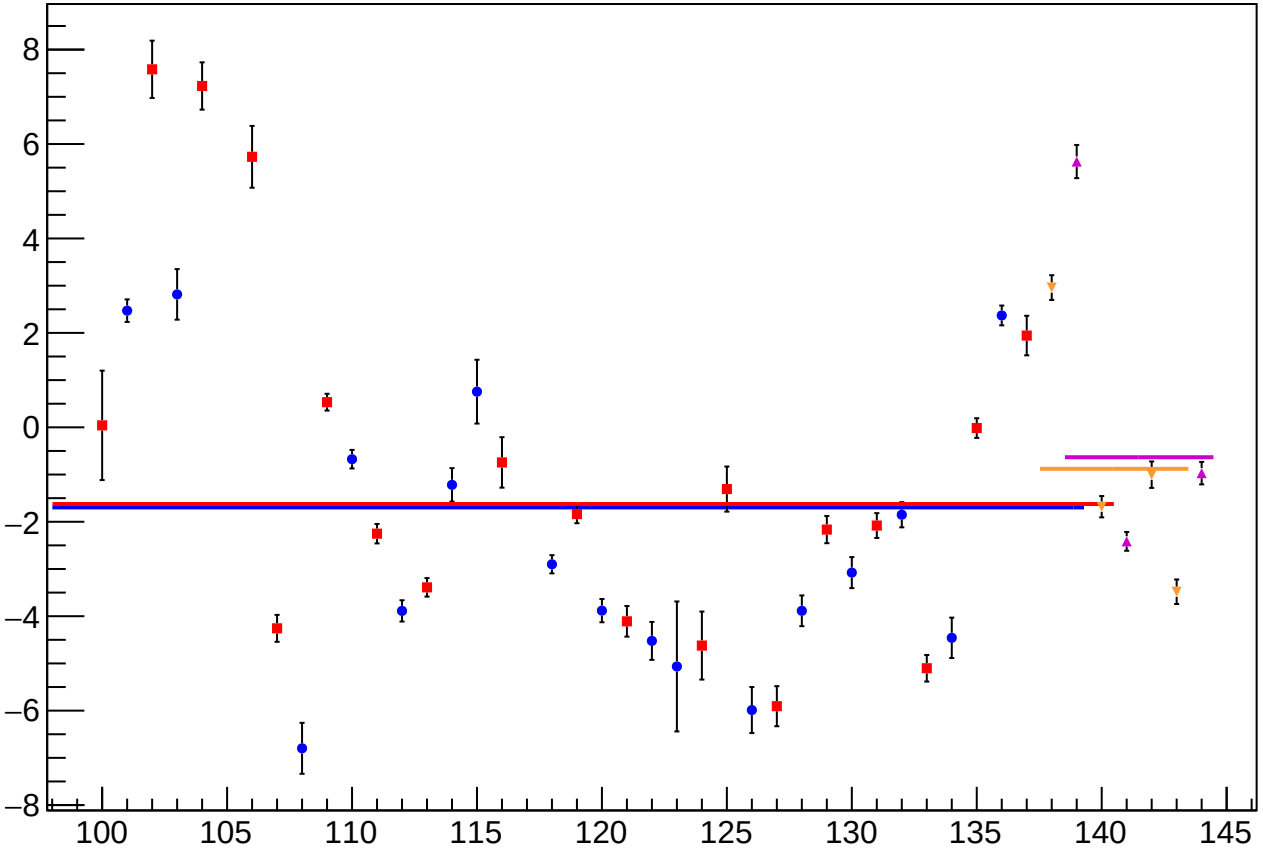
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 3.118+/-0.089 χ^2/NDF:7404.4/19

Out: 2.878+/-0.082 χ^2/NDF:9077.8/22

All: 2.988+/-0.060 χ^2/NDF: 16486.2/42

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: -0.878+/-0.127 χ^2/NDF:327.7/3

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -0.633+/-0.140 χ^2/NDF:399.1/2

Left: -0.768+/-0.094 χ^2/NDF: 728.4/6

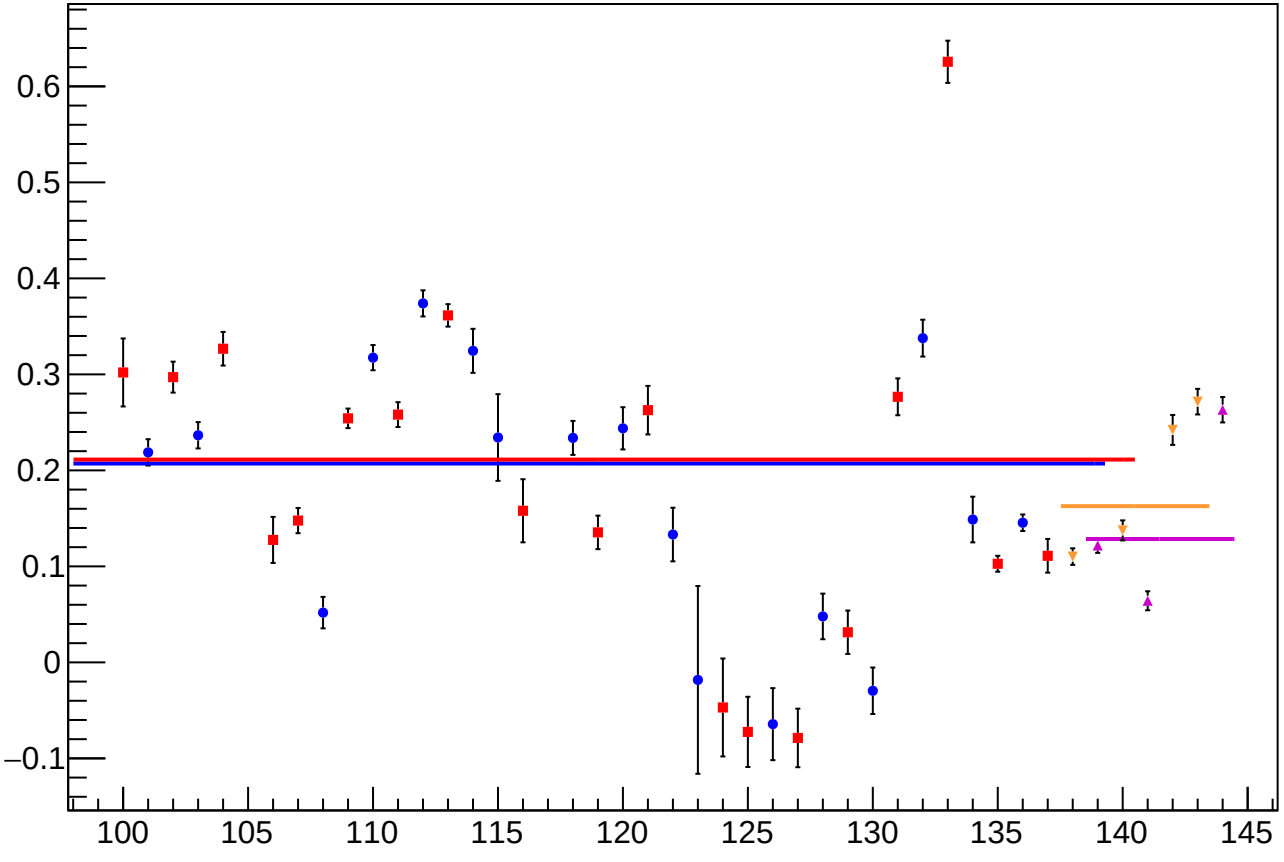
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -1.477+/-0.064 χ^2/NDF:1777.9/19

Out: -1.463+/-0.059 χ^2/NDF:1821.9/22

All: -1.469+/-0.043 χ^2/NDF: 3599.9/42

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: 0.163+/-0.006 χ^2/NDF:135.5/3

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.128+/-0.006 χ^2/NDF:146.9/2

Left: 0.146+/-0.004 χ^2/NDF: 301.5/6

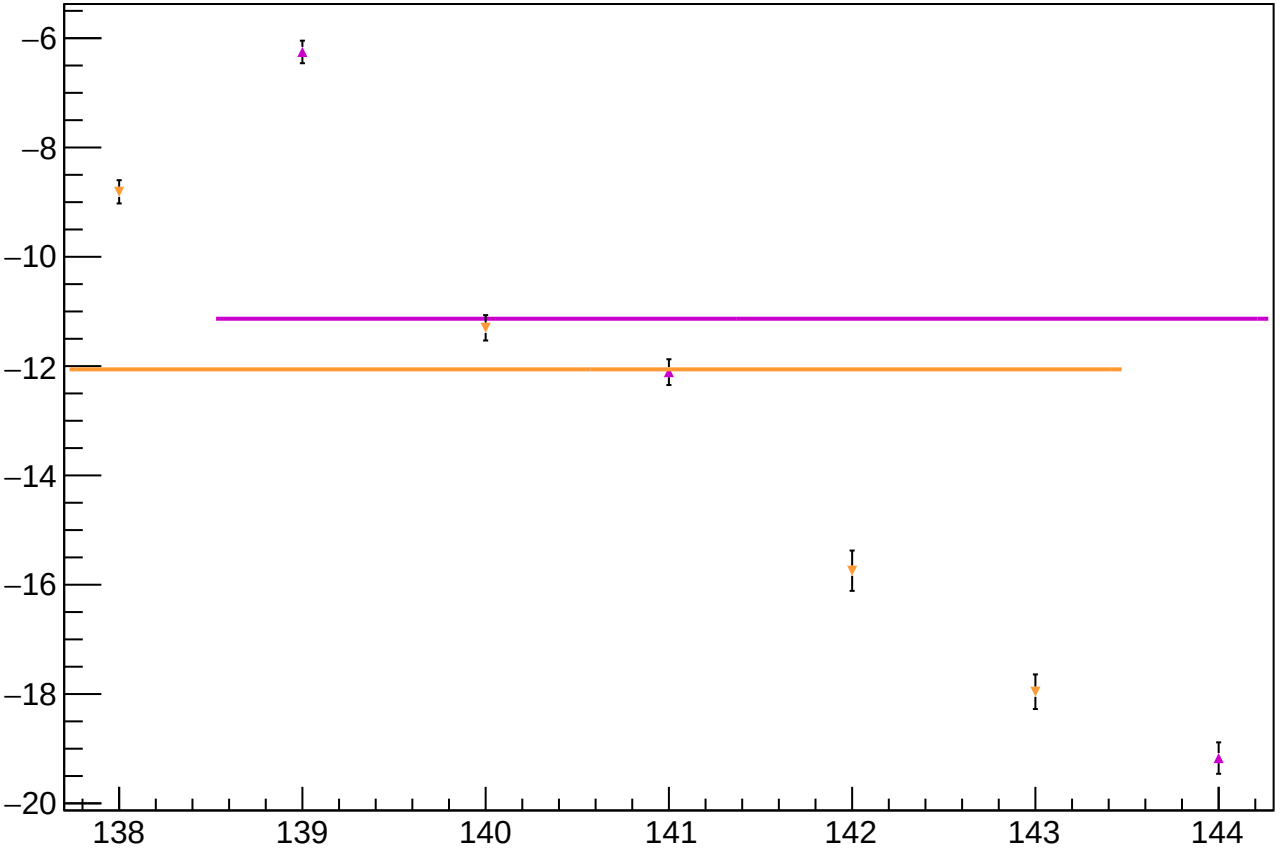
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.178+/-0.003 χ^2/NDF:931.6/19

Out: 0.196+/-0.003 χ^2/NDF:1333.5/22

All: 0.188+/-0.002 χ^2/NDF: 2280.1/42

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: -12.059+/-0.131 χ^2/NDF:691.2/3

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

Left In: -11.133+/-0.137 χ^2/NDF:1358.3/2

Left: -11.615+/-0.095 χ^2/NDF: 2073.3/6

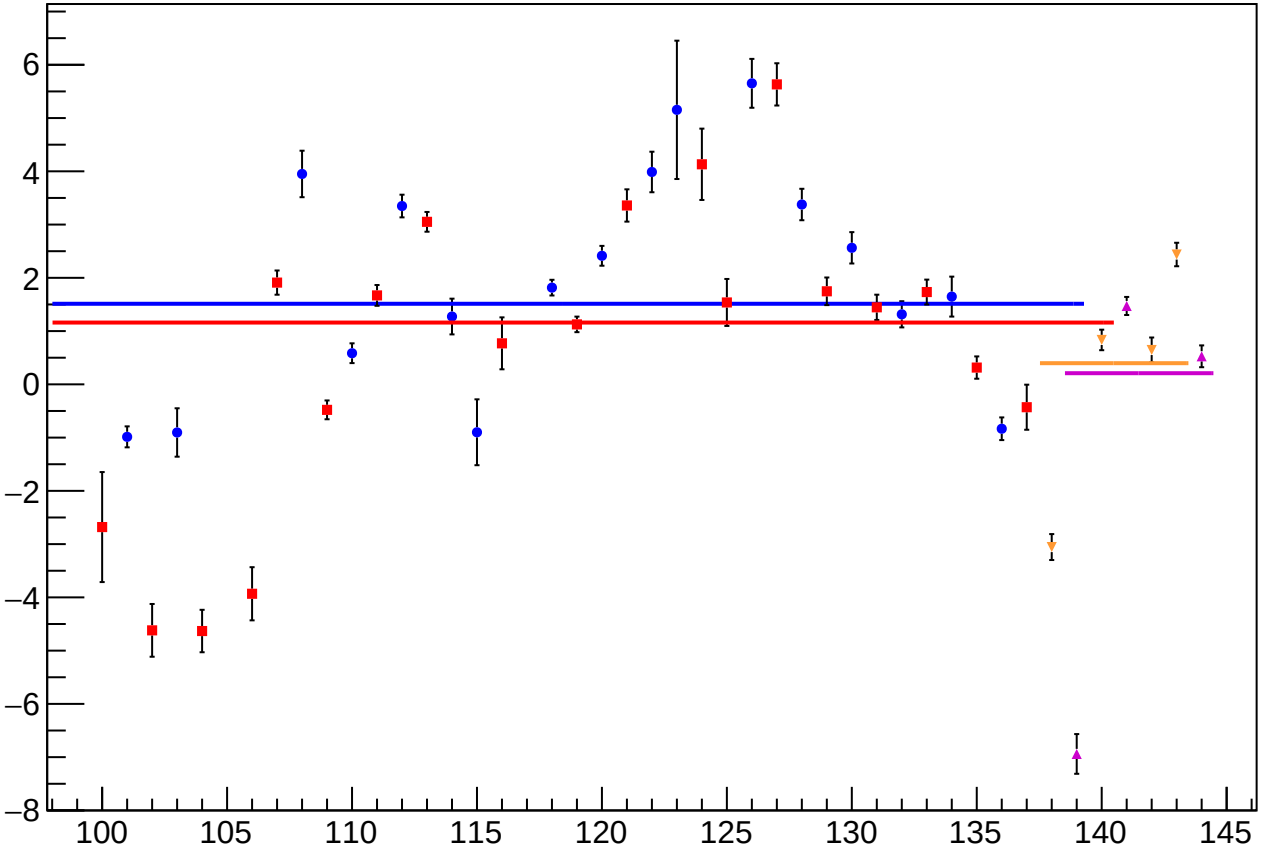
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.133+/-0.137 χ^2/NDF:1358.3/2

Out: -12.059+/-0.131 χ^2/NDF:691.2/3

All: -11.615+/-0.095 χ^2/NDF: 2073.3/6

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: 0.397+/-0.110 χ^2/NDF:292.8/3

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 0.209+/-0.123 χ^2/NDF:425.2/2

Left: 0.314+/-0.082 χ^2/NDF: 719.3/6

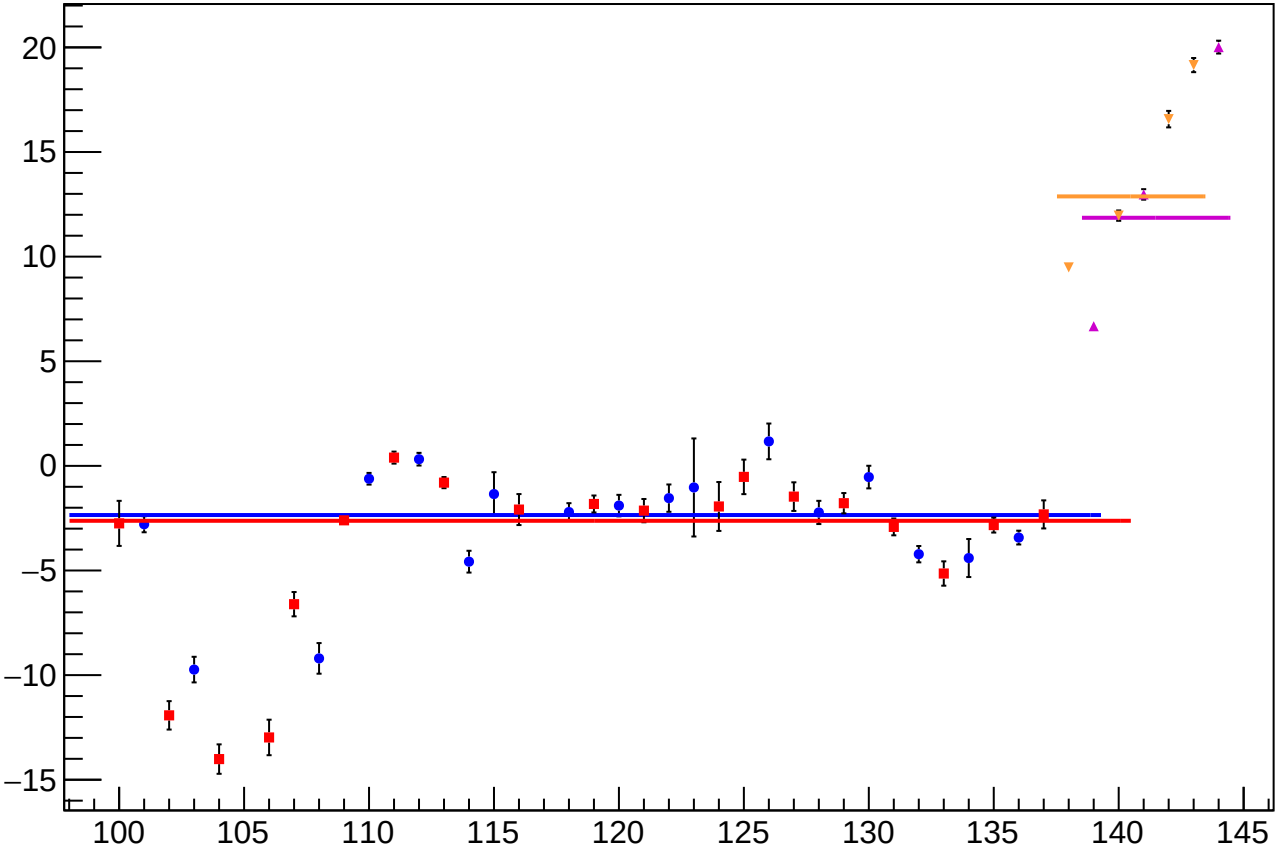
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.245+/-0.056 χ^2/NDF:1183.7/19

Out: 0.985+/-0.053 χ^2/NDF:1246.9/22

All: 1.108+/-0.038 χ^2/NDF: 2442.1/42

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: 12.878+/-0.141 χ^2/NDF:662.3/3

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 11.857+/-0.147 χ^2/NDF:1263.4/2

Left: 12.387+/-0.102 χ^2/NDF: 1950.9/6

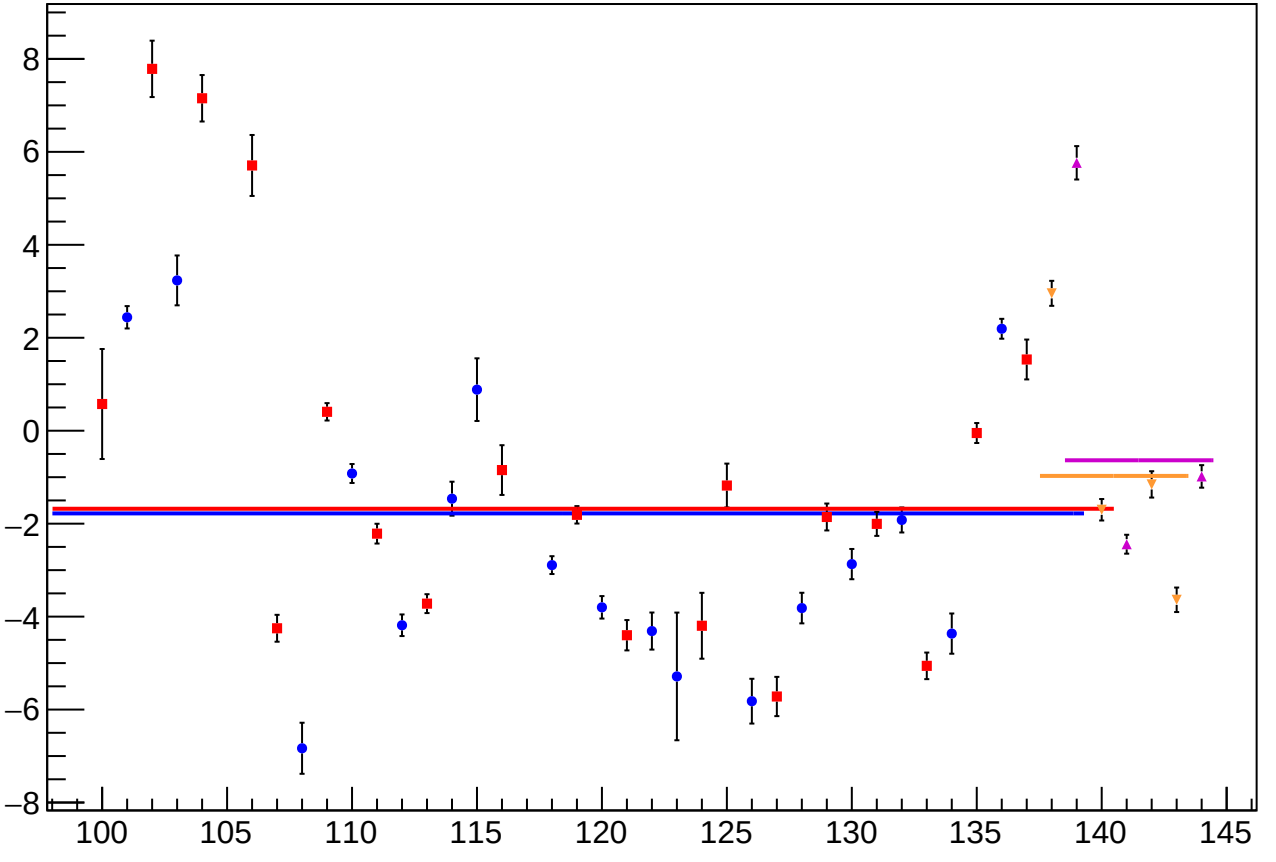
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 3.023+/-0.090 χ^2/NDF:7545.8/19

Out: 2.784+/-0.083 χ^2/NDF:9369.0/22

All: 2.894+/-0.061 χ^2/NDF: 16918.6/42

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: -0.972+/-0.130 χ^2/NDF:326.0/3

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -0.636+/-0.143 χ^2/NDF:398.3/2

Left: -0.821+/-0.096 χ^2/NDF: 727.3/6

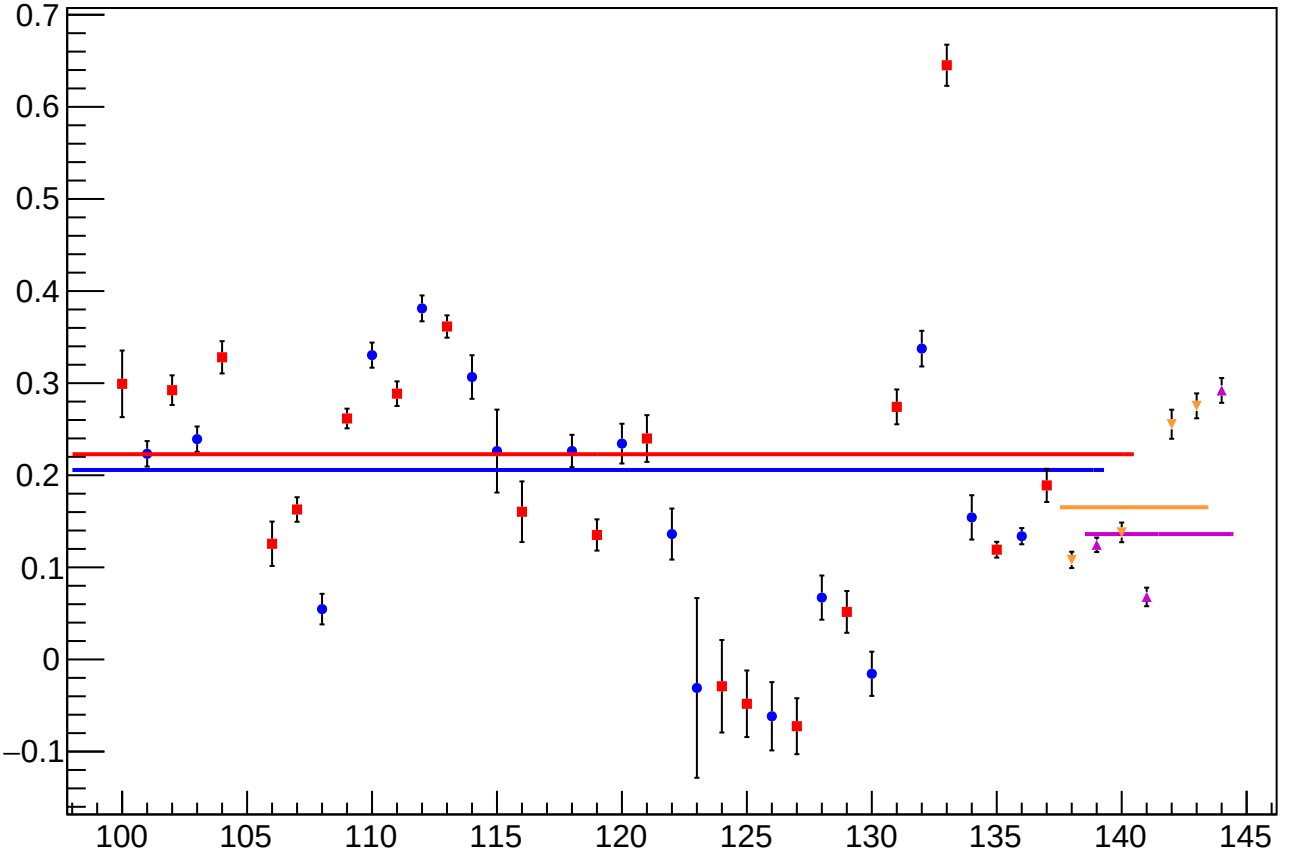
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -1.546+/-0.064 χ^2/NDF:1721.2/19

Out: -1.527+/-0.060 χ^2/NDF:1778.9/22

All: -1.536+/-0.044 χ^2/NDF: 3500.1/42

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: 0.165+/-0.006 χ^2/NDF:146.9/3

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.136+/-0.006 χ^2/NDF:182.4/2

Left: 0.151+/-0.004 χ^2/NDF: 342.5/6

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.180+/-0.003 χ^2/NDF:931.3/19

Out: 0.205+/-0.003 χ^2/NDF:1259.6/22

All: 0.193+/-0.002 χ^2/NDF: 2218.3/42