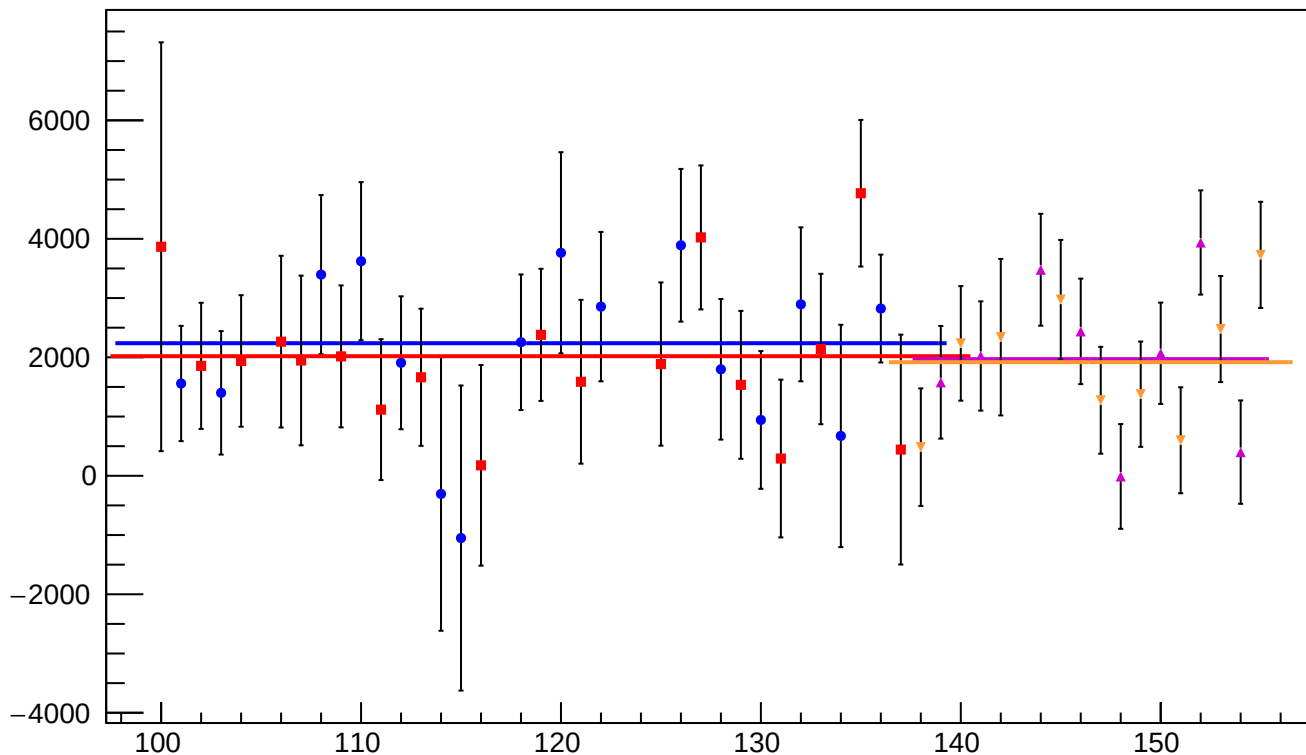


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

Left Out: 1917.525+/-318.073

Right Out: 2018.625+/-308.362

Left In: 1969.022+/-317.555

χ^2/NDF : 11.3/15

χ^2/NDF : 10.9/8

χ^2/NDF : 12.6/17

χ^2/NDF : 16.3/7

Left: 1943.315+/-224.728

Right: 2126.067+/-220.232

In: 2104.714+/-223.508

Out: 1969.642+/-221.398

χ^2/NDF : 27.2/16

χ^2/NDF : 24.1/33

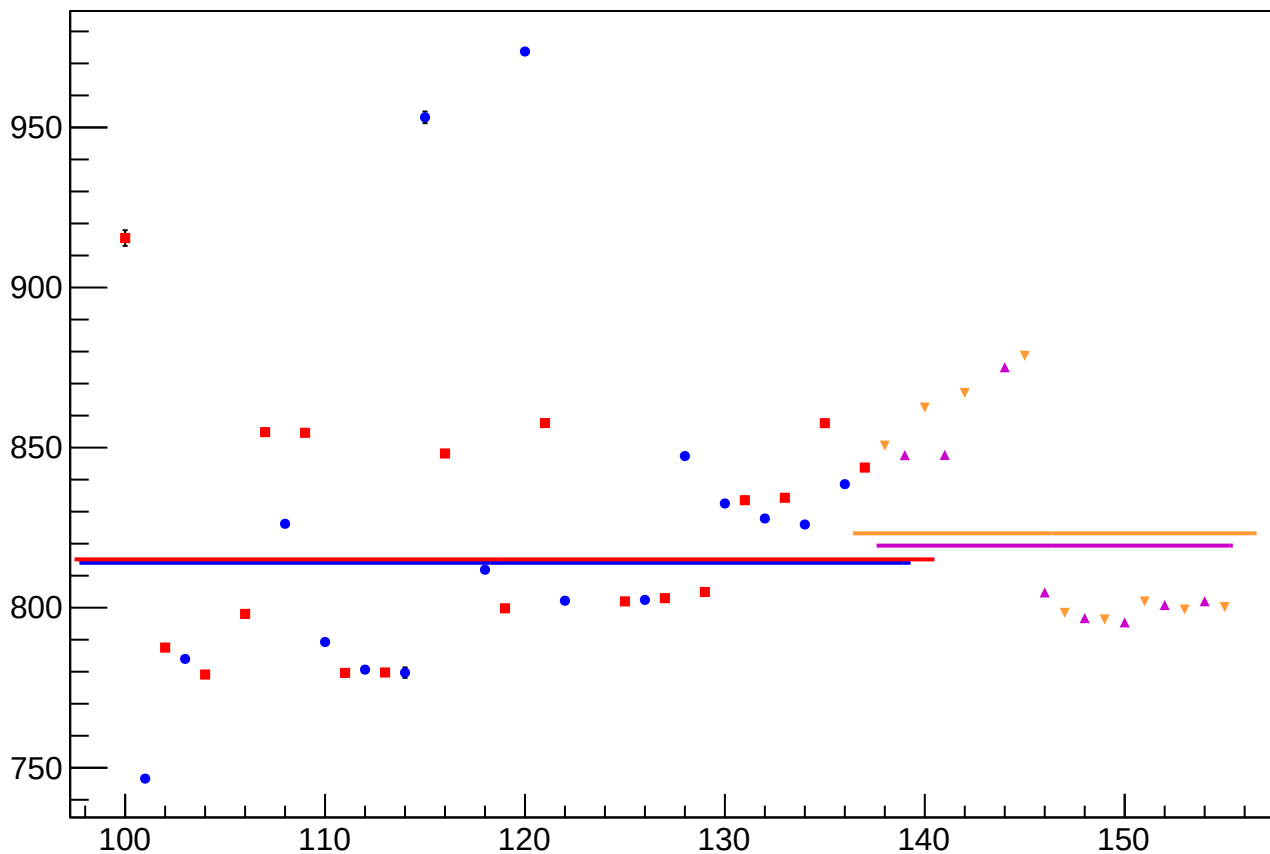
χ^2/NDF : 28.0/23

χ^2/NDF : 23.6/26

All: 2036.538+/-157.293

χ^2/NDF : 51.7/50

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 823.227+/-0.225 χ^2/NDF : 20311.6/8

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

Left In: 819.390+/-0.225 χ^2/NDF : 15714.5/7

Left: 821.306+/-0.159 χ^2/NDF : 36171.9/16

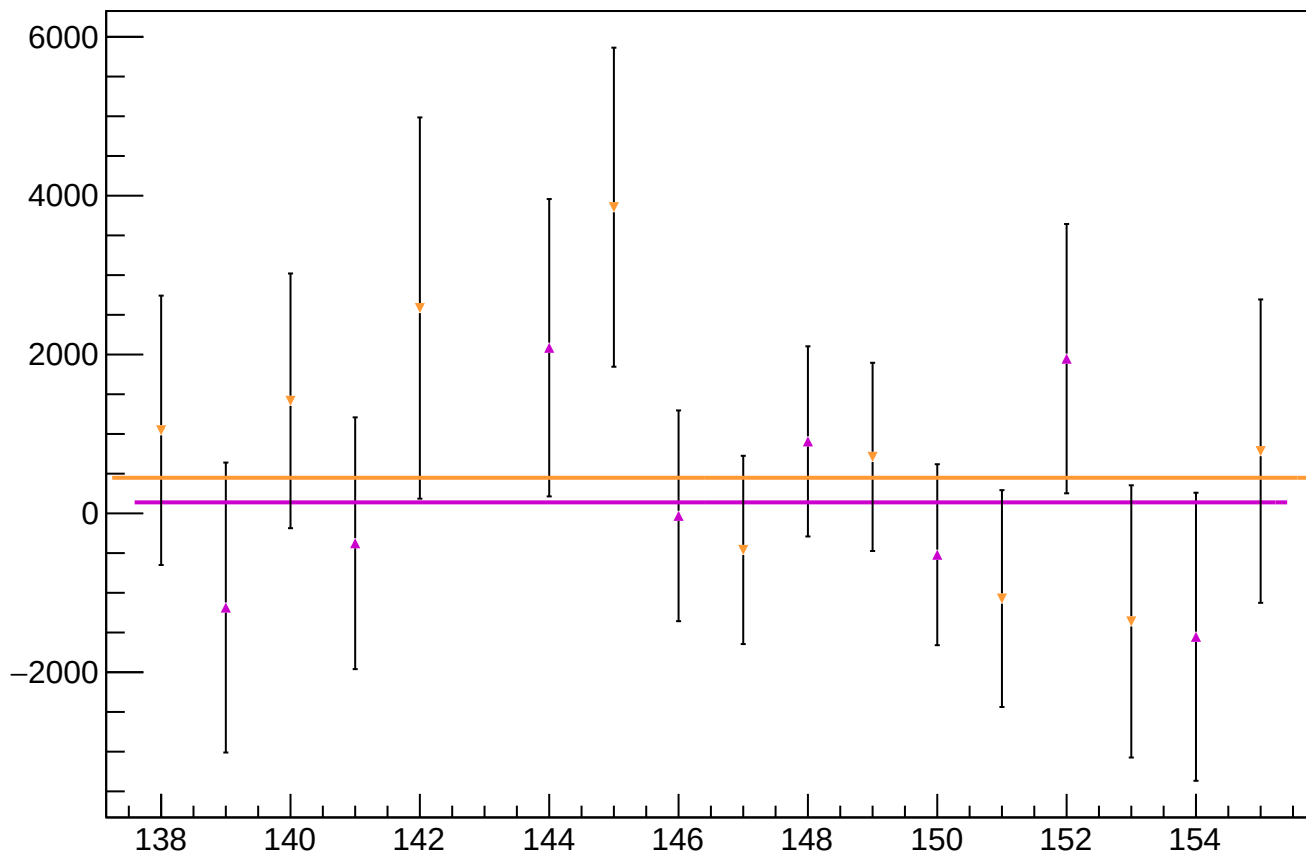
Right: 814.563+/-0.156 χ^2/NDF : 62012.6/33

In: 816.681+/-0.158 χ^2/NDF : 58044.6/23

Out: 819.030+/-0.157 χ^2/NDF : 40946.6/26

All: 817.866+/-0.111 χ^2/NDF : 99102.7/50

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 448.532+/-517.517 χ^2/NDF : 7.2/8

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

Left In: 138.696+/-521.872 χ^2/NDF : 4.5/7

Left: 294.912+/-367.470 χ^2/NDF : 11.8/16

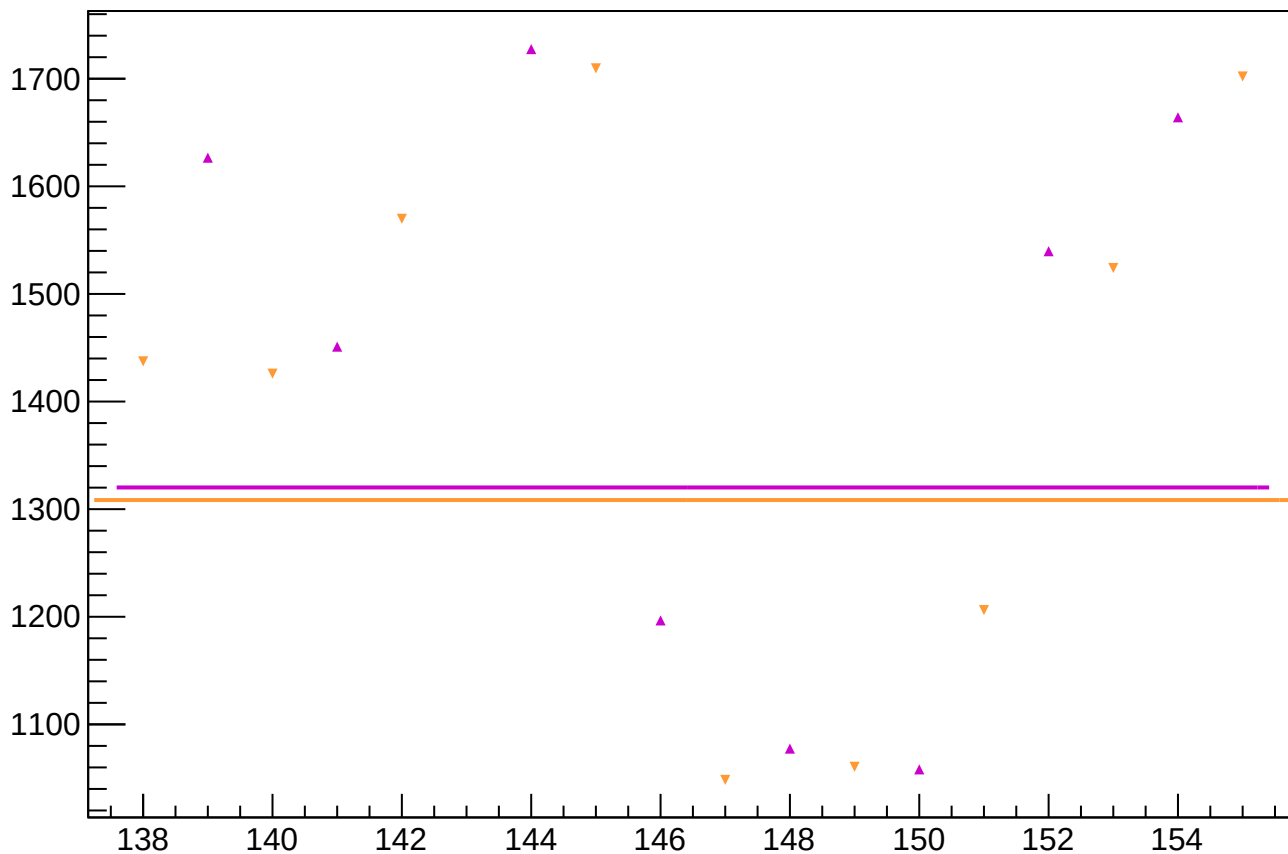
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 138.696+/-521.872 χ^2/NDF : 4.5/7

Out: 448.532+/-517.517 χ^2/NDF : 7.2/8

All: 294.912+/-367.470 χ^2/NDF : 11.8/16

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1308.472+/-0.366 χ^2/NDF : 437453.5/8

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

Left In: 1320.164+/-0.369 χ^2/NDF : 475474.7/7

Left: 1314.269+/-0.260 χ^2/NDF : 913434.3/16

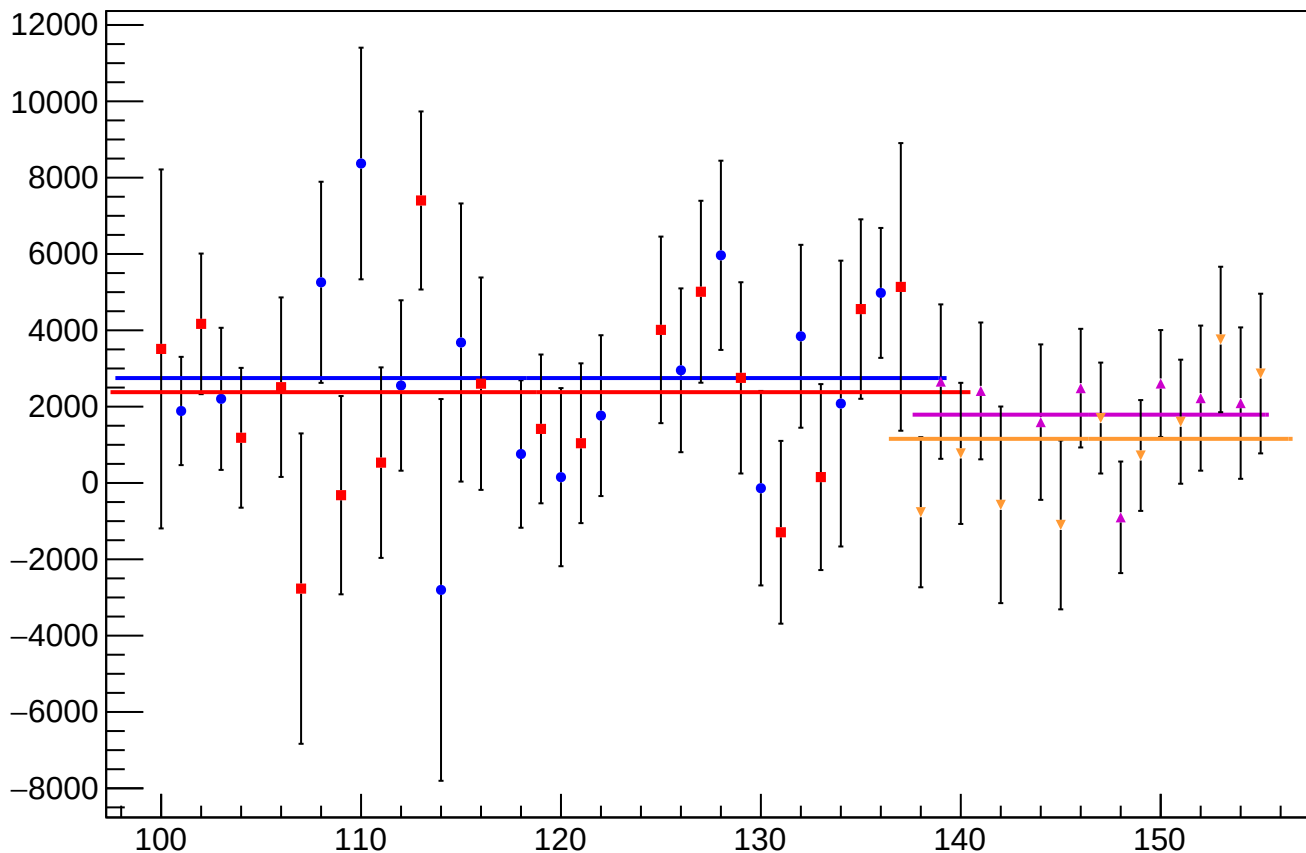
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1320.164+/-0.369 χ^2/NDF : 475474.7/7

Out: 1308.472+/-0.366 χ^2/NDF : 437453.5/8

All: 1314.269+/-0.260 χ^2/NDF : 913434.3/16

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2748.777 $\pm$ 562.943 χ^2 /NDF: 13.5/15

Left Out: 1156.269 $\pm$ 604.514 χ^2 /NDF: 5.3/8

Right Out: 2379.450 $\pm$ 568.967 χ^2 /NDF: 16.2/17

Left In: 1789.677 $\pm$ 606.426 χ^2 /NDF: 4.3/7

Left: 1471.973 $\pm$ 428.130 χ^2 /NDF: 10.2/16

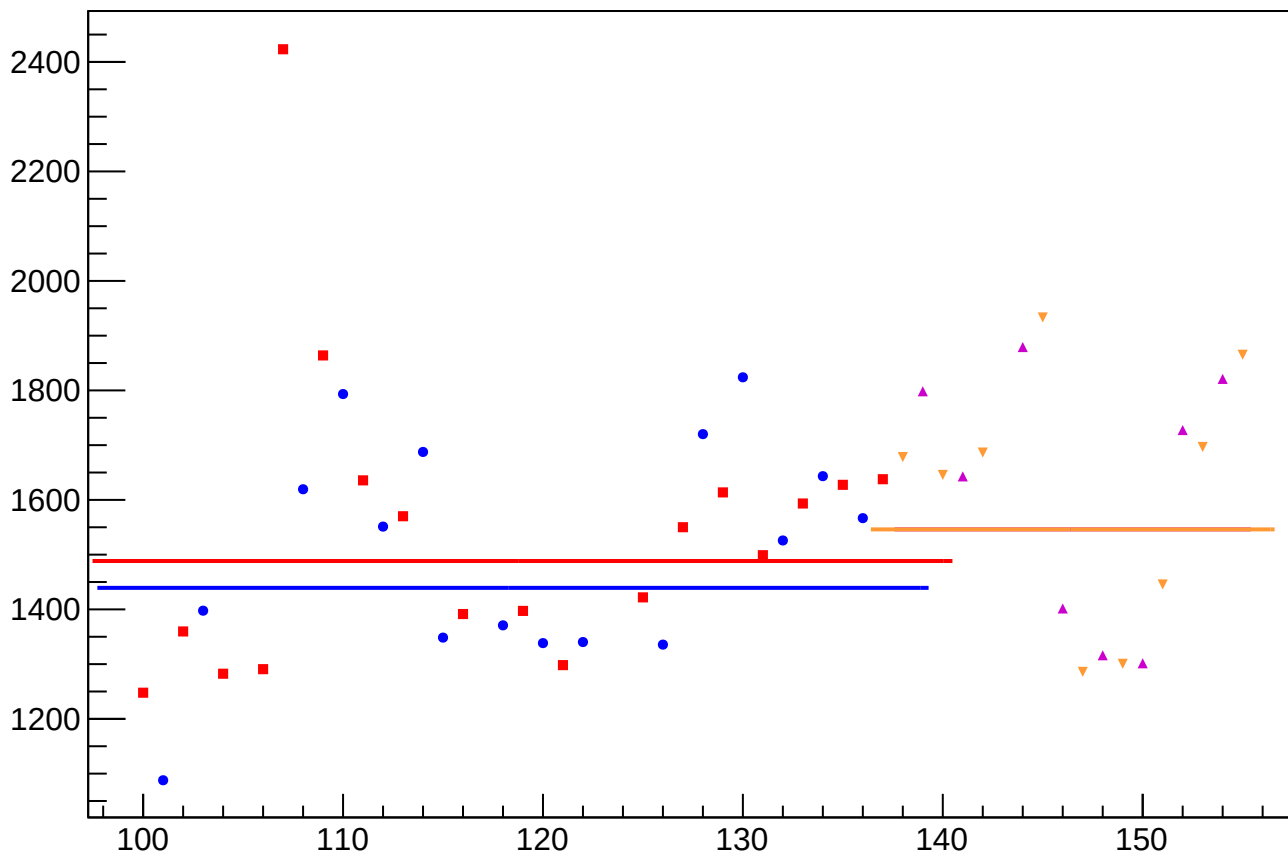
Right: 2566.079 $\pm$ 400.174 χ^2 /NDF: 30.0/33

In: 2304.842 $\pm$ 412.578 χ^2 /NDF: 19.2/23

Out: 1804.878 $\pm$ 414.317 χ^2 /NDF: 23.7/26

All: 2055.912 $\pm$ 292.350 χ^2 /NDF: 43.7/50

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1439.332 $\pm$ 0.398 χ^2/NDF : 277860.8/15

Left Out: 1546.116 $\pm$ 0.427 χ^2/NDF : 269957.6/8

Right Out: 1488.384 $\pm$ 0.402 χ^2/NDF : 256324.7/17

Left In: 1546.138 $\pm$ 0.429 χ^2/NDF : 274816.0/7

Left: 1546.127 $\pm$ 0.303 χ^2/NDF : 544773.7/16

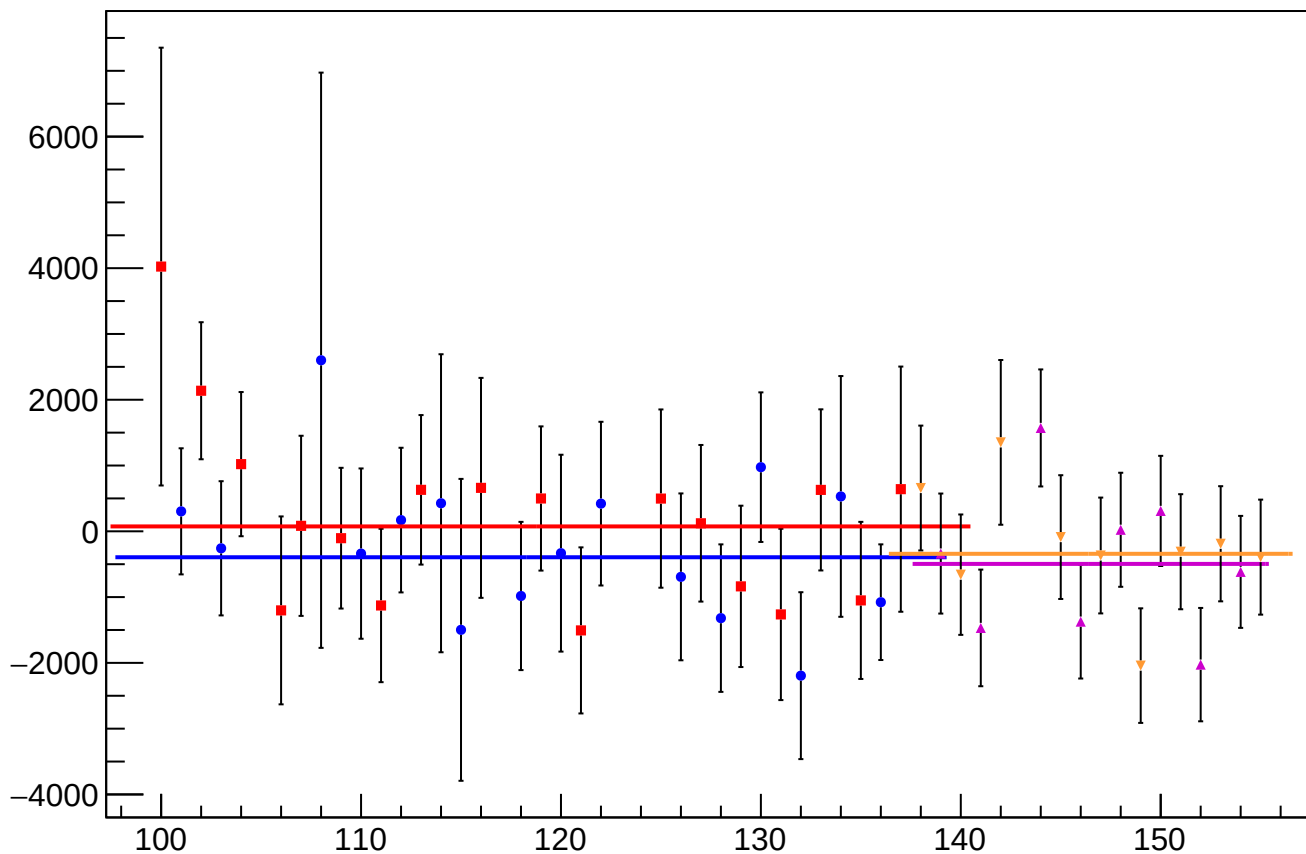
Right: 1463.597 $\pm$ 0.283 χ^2/NDF : 541697.1/33

In: 1488.769 $\pm$ 0.292 χ^2/NDF : 585999.9/23

Out: 1515.503 $\pm$ 0.293 χ^2/NDF : 535955.1/26

All: 1502.080 $\pm$ 0.207 χ^2/NDF : 1126136.1/50

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364 $\pm$ 313.174 χ^2/NDF : 7.4/15

Left Out: -341.999 $\pm$ 307.106 χ^2/NDF : 7.0/8

Right Out: 74.289 $\pm$ 298.398 χ^2/NDF : 12.9/17

Left In: -495.541 $\pm$ 307.735 χ^2/NDF : 12.1/7

Left: -418.613 $\pm$ 217.379 χ^2/NDF : 19.2/16

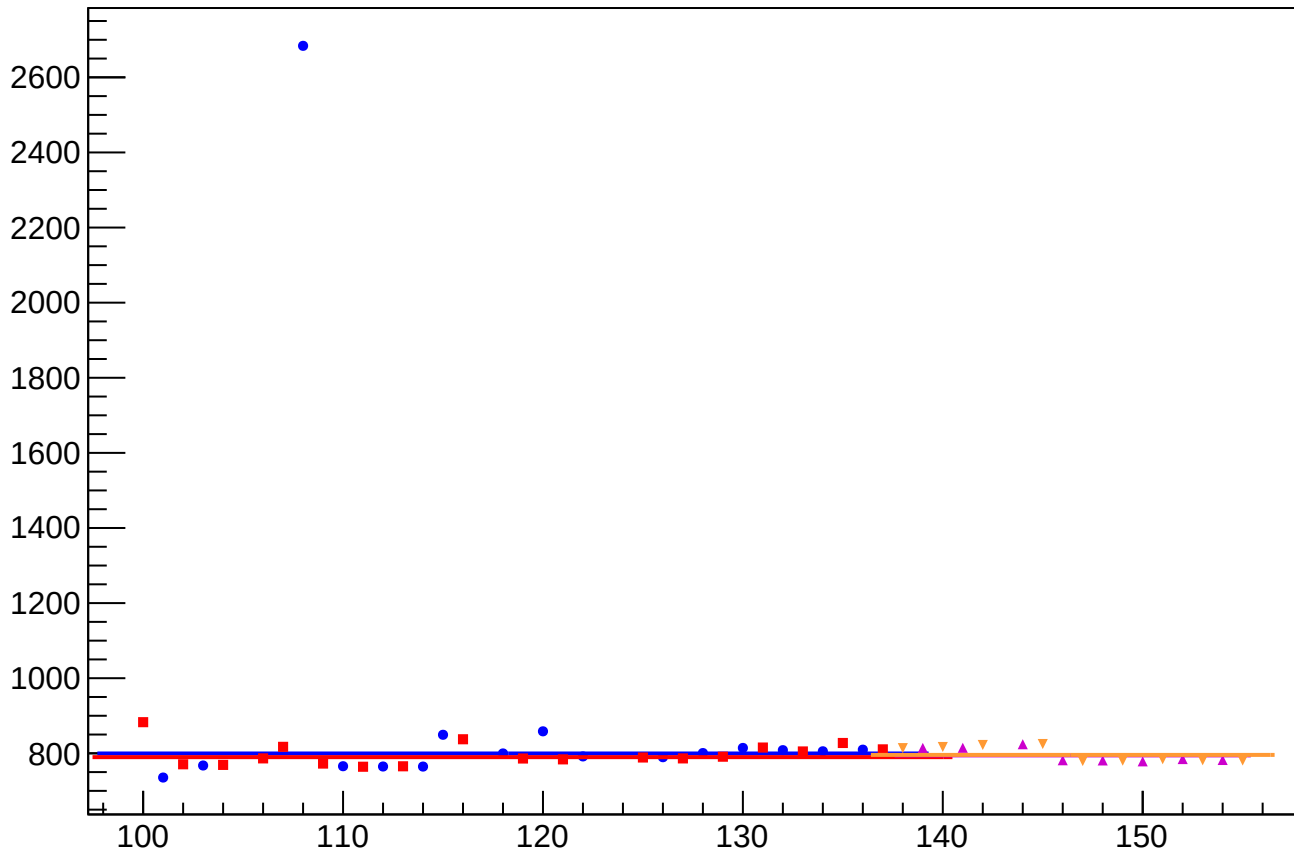
Right: -148.721 $\pm$ 216.034 χ^2/NDF : 21.5/33

In: -445.839 $\pm$ 219.499 χ^2/NDF : 19.6/23

Out: -127.869 $\pm$ 214.012 χ^2/NDF : 20.9/26

All: -282.829 $\pm$ 153.232 χ^2/NDF : 41.5/50

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 799.537 $\pm$ 0.221 χ^2 /NDF: 391185.9/15

Left Out: 795.775 $\pm$ 0.217 χ^2 /NDF:7343.3/8

Right Out: 789.794 $\pm$ 0.211 χ^2 /NDF: 11174.9/17

Left In: 794.450 $\pm$ 0.218 χ^2 /NDF:6536.0/7

Left: 795.114 $\pm$ 0.154 χ^2 /NDF: 13897.9/16

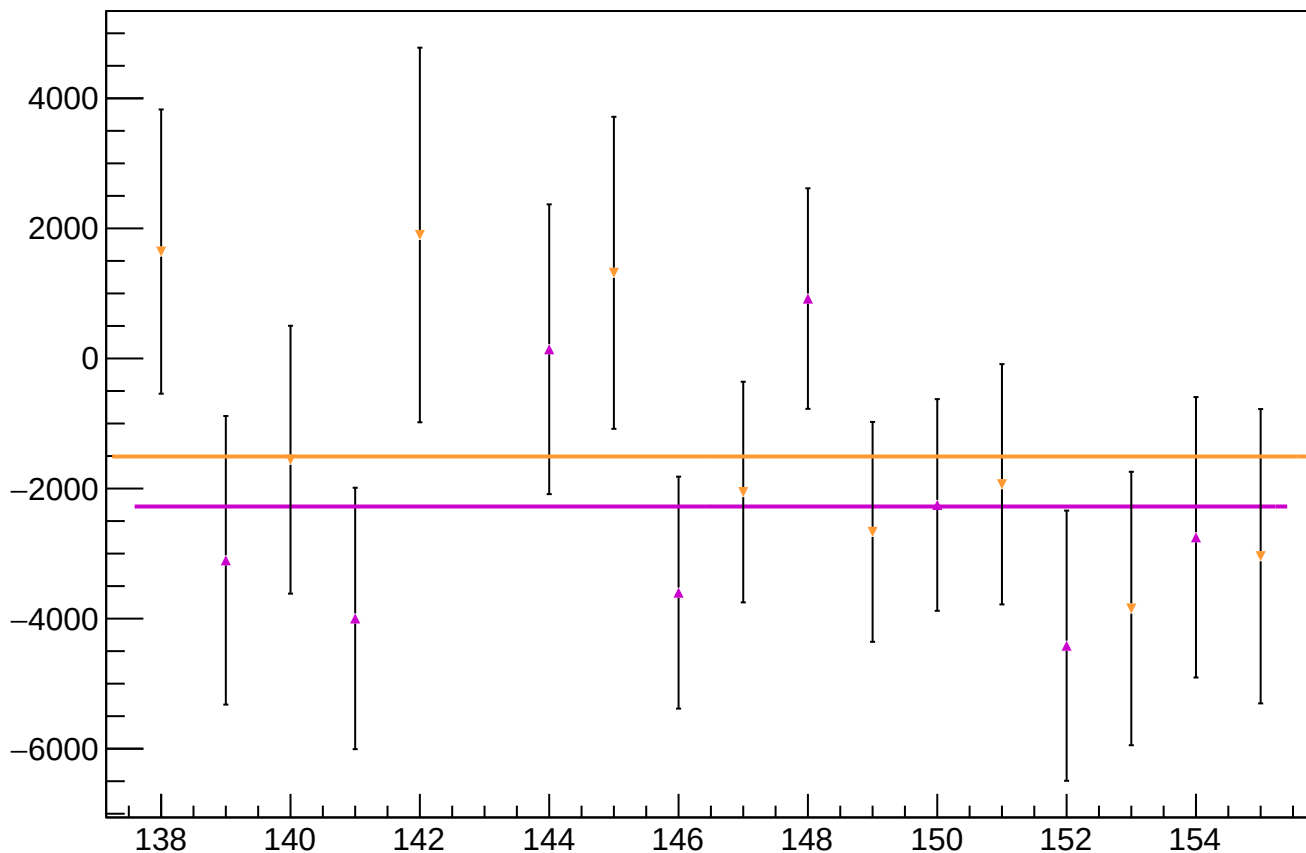
Right: 794.430 $\pm$ 0.153 χ^2 /NDF: 403375.5/33

In: 796.949 $\pm$ 0.155 χ^2 /NDF:397990.4/23

Out: 792.698 $\pm$ 0.151 χ^2 /NDF:18908.4/26

All: 794.770 $\pm$ 0.108 χ^2 /NDF: 417283.3/50

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1506.928+/-681.751 χ^2/NDF : 7.2/8

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

Left In: -2276.097+/-683.770 χ^2/NDF : 7.3/7

Left: -1890.375+/-482.783 χ^2/NDF : 15.1/16

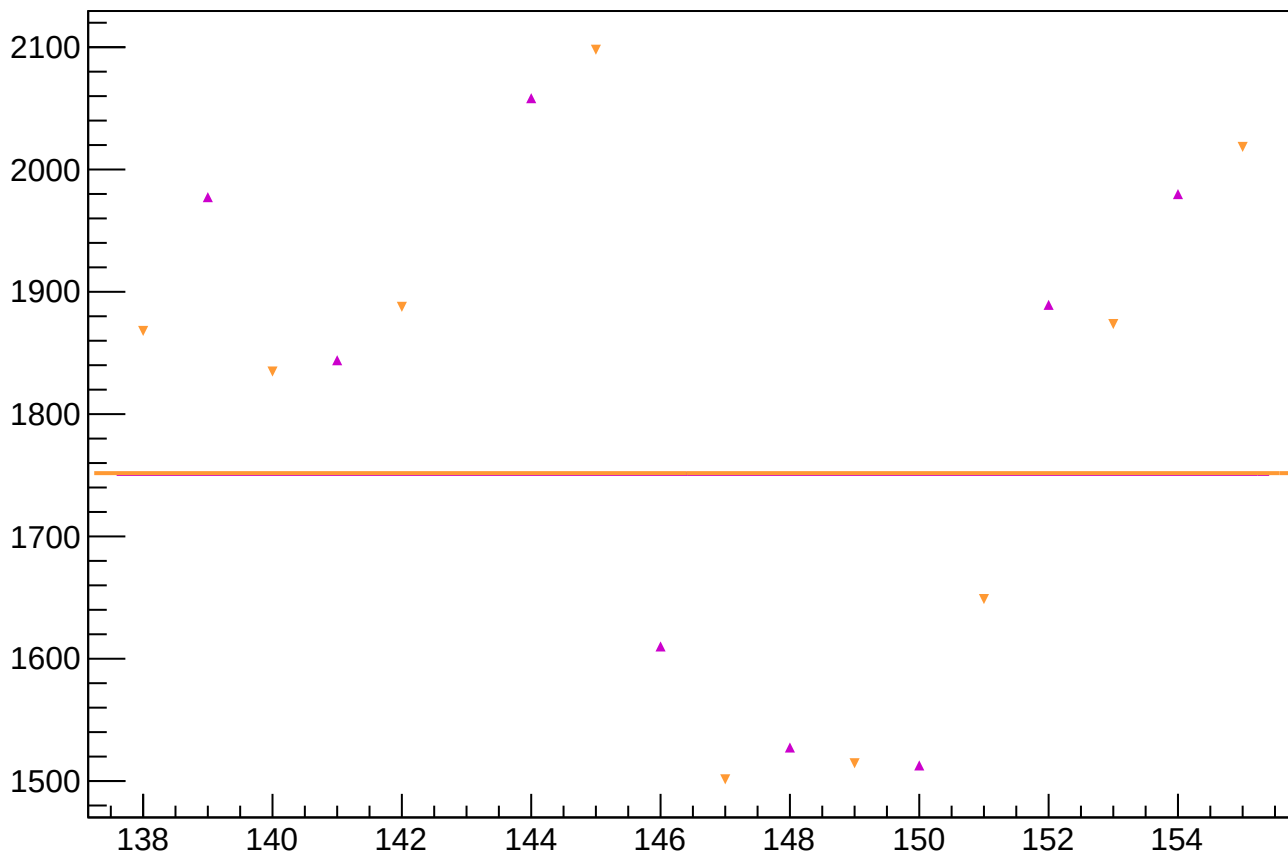
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2276.097+/-683.770 χ^2/NDF : 7.3/7

Out: -1506.928+/-681.751 χ^2/NDF : 7.2/8

All: -1890.375+/-482.783 χ^2/NDF : 15.1/16

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1751.740+/-0.482 χ^2/NDF :178686.5/8

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

Left In: 1751.106+/-0.483 χ^2/NDF :184713.3/7

Left: 1751.424+/-0.341 χ^2/NDF : 363400.6/16

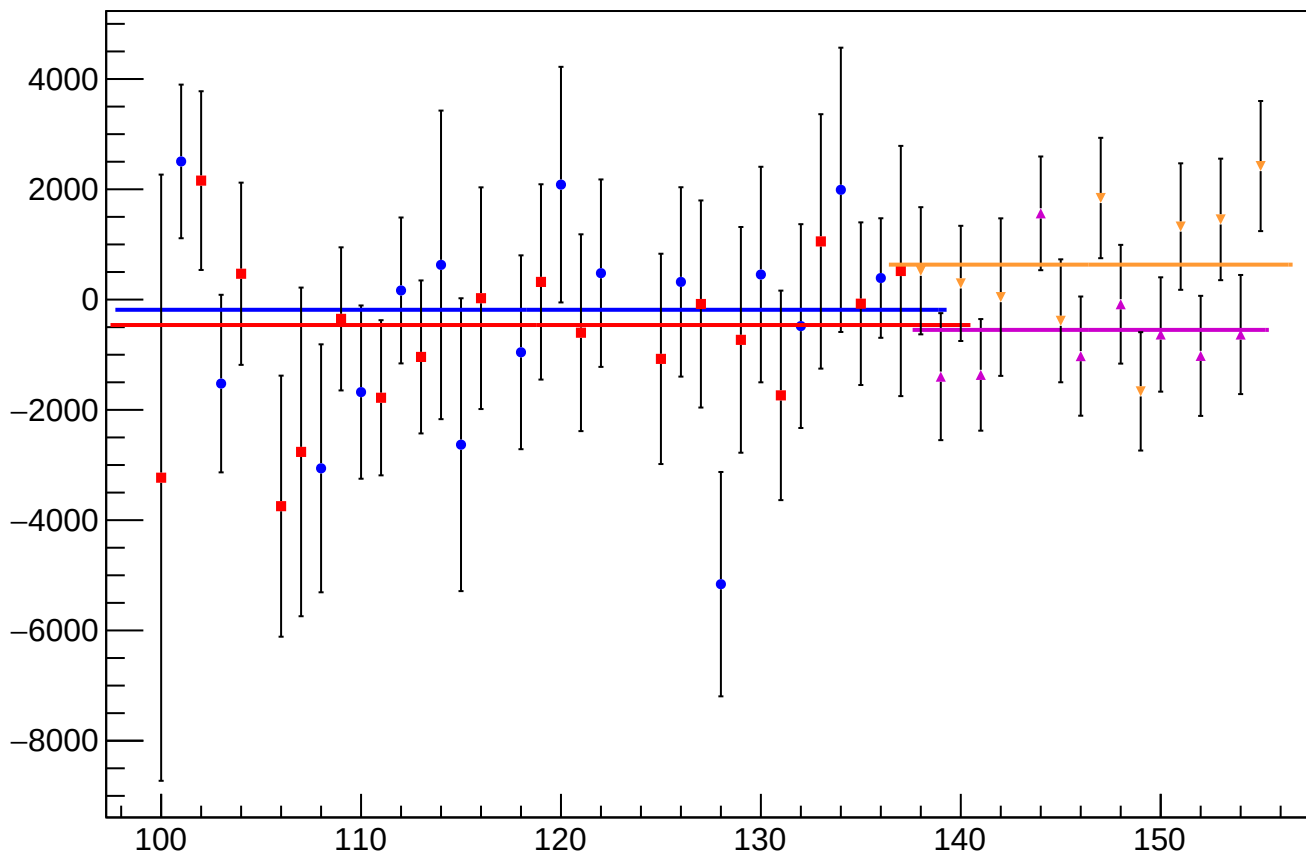
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1751.106+/-0.483 χ^2/NDF :184713.3/7

Out: 1751.740+/-0.482 χ^2/NDF :178686.5/8

All: 1751.424+/-0.341 χ^2/NDF : 363400.6/16

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -185.054 ± 431.495 $\chi^2/\text{NDF}: 16.6/15$

Left Out: 633.791 ± 378.692 $\chi^2/\text{NDF}: 10.1/8$

Right Out: -461.253 ± 426.921 $\chi^2/\text{NDF}: 8.3/17$

Left In: -549.587 ± 377.407 $\chi^2/\text{NDF}: 6.0/7$

Left: 40.092 ± 267.320 $\chi^2/\text{NDF}: 21.0/16$

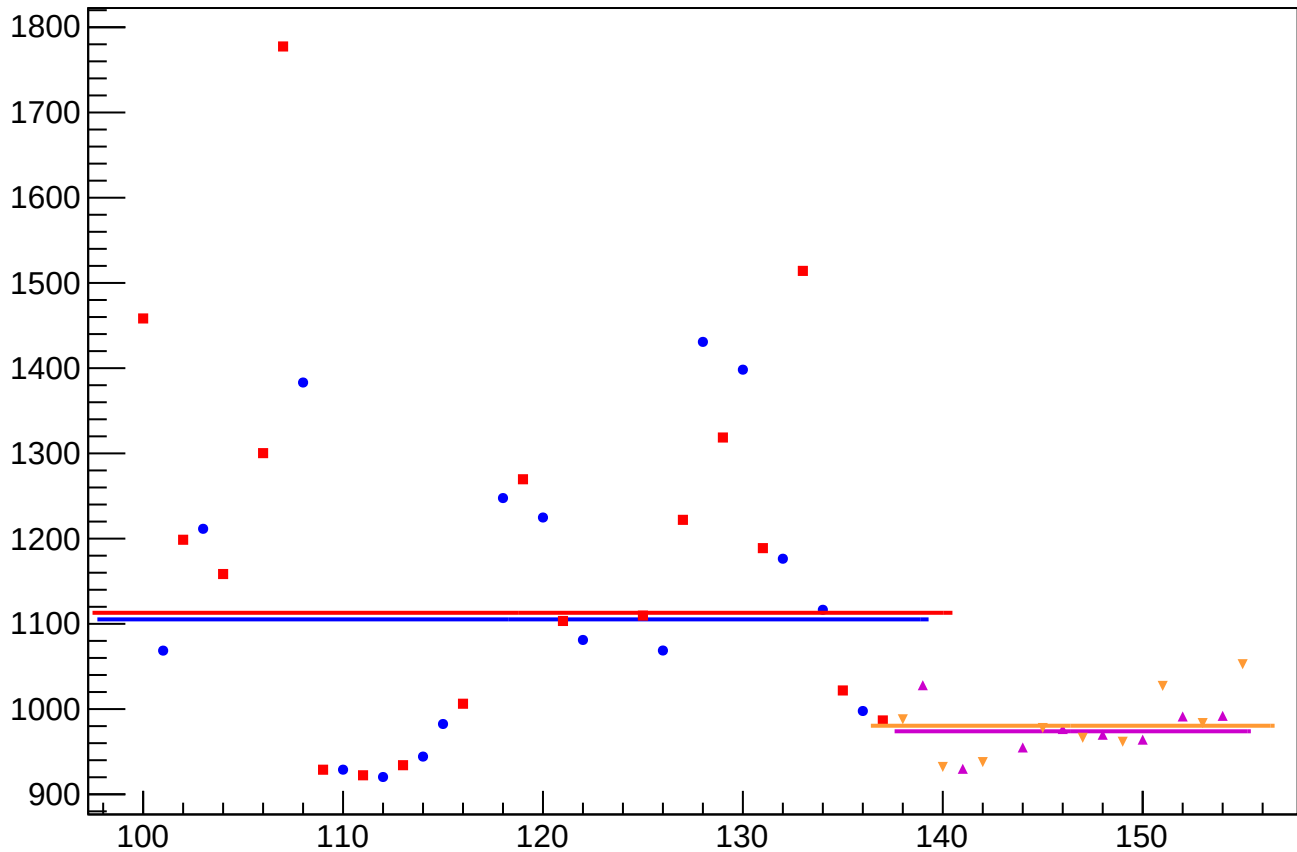
Right: -324.625 ± 303.483 $\chi^2/\text{NDF}: 25.2/33$

In: -391.587 ± 284.077 $\chi^2/\text{NDF}: 23.0/23$

Out: 151.591 ± 283.299 $\chi^2/\text{NDF}: 22.1/26$

All: -119.253 ± 200.597 $\chi^2/\text{NDF}: 47.0/50$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 980.451+/-0.268 χ^2/NDF : 17941.1/8

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

Left In: 973.928+/-0.267 χ^2/NDF : 10157.4/7

Left: 977.178+/-0.189 χ^2/NDF : 28396.3/16

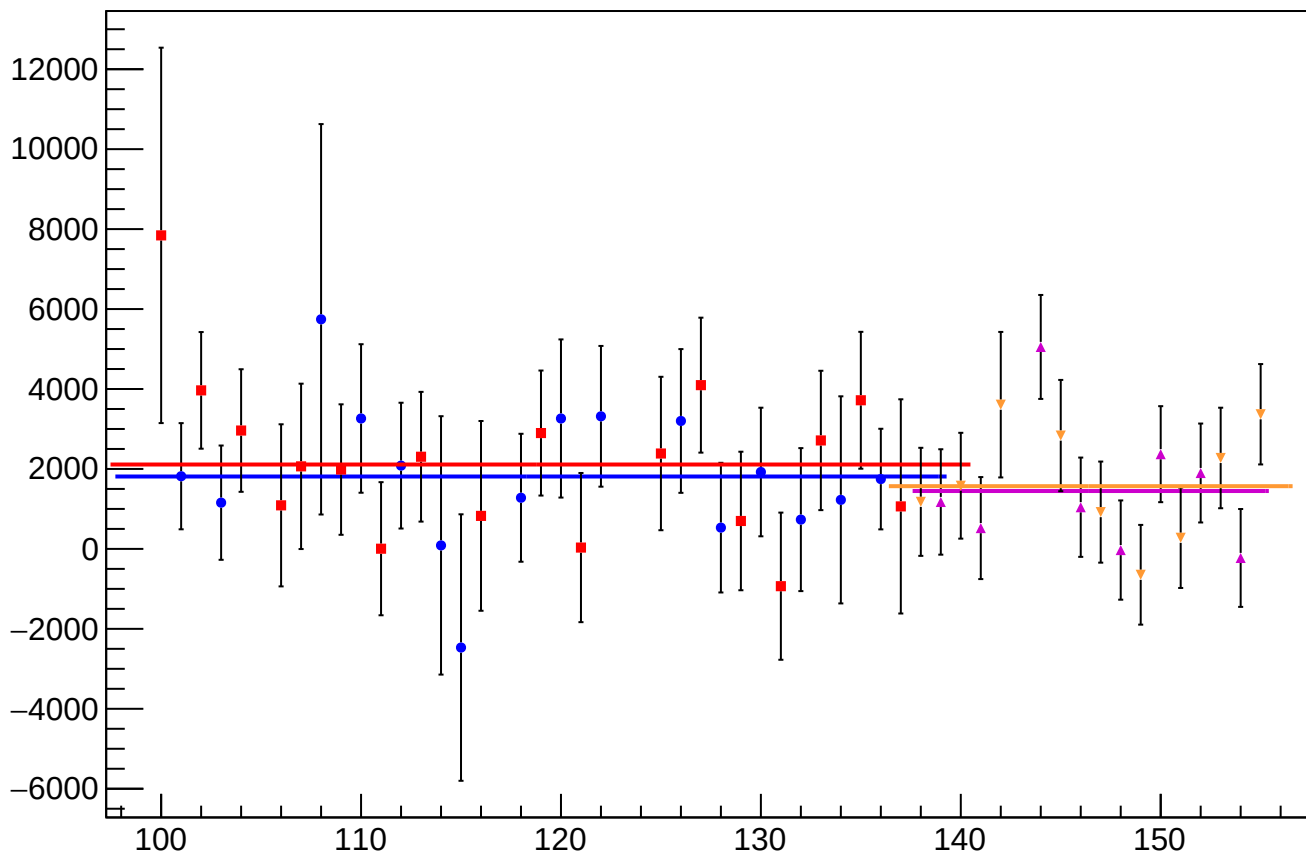
Right: 1109.146+/-0.215 χ^2/NDF : 618686.6/33

In: 1030.841+/-0.201 χ^2/NDF : 370456.6/23

Out: 1038.807+/-0.200 χ^2/NDF : 488790.1/26

All: 1034.835+/-0.142 χ^2/NDF : 860035.3/50

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1811.054 $\pm$ 442.142 χ^2 /NDF: 6.5/15

Left Out: 1568.973 $\pm$ 442.591 χ^2 /NDF:9.0/8

Right Out: 2111.004 $\pm$ 427.676 χ^2 /NDF: 13.0/17

Left In: 1447.822 $\pm$ 443.156 χ^2 /NDF:12.4/7

Left: 1508.475 $\pm$ 313.158 χ^2 /NDF: 21.4/16

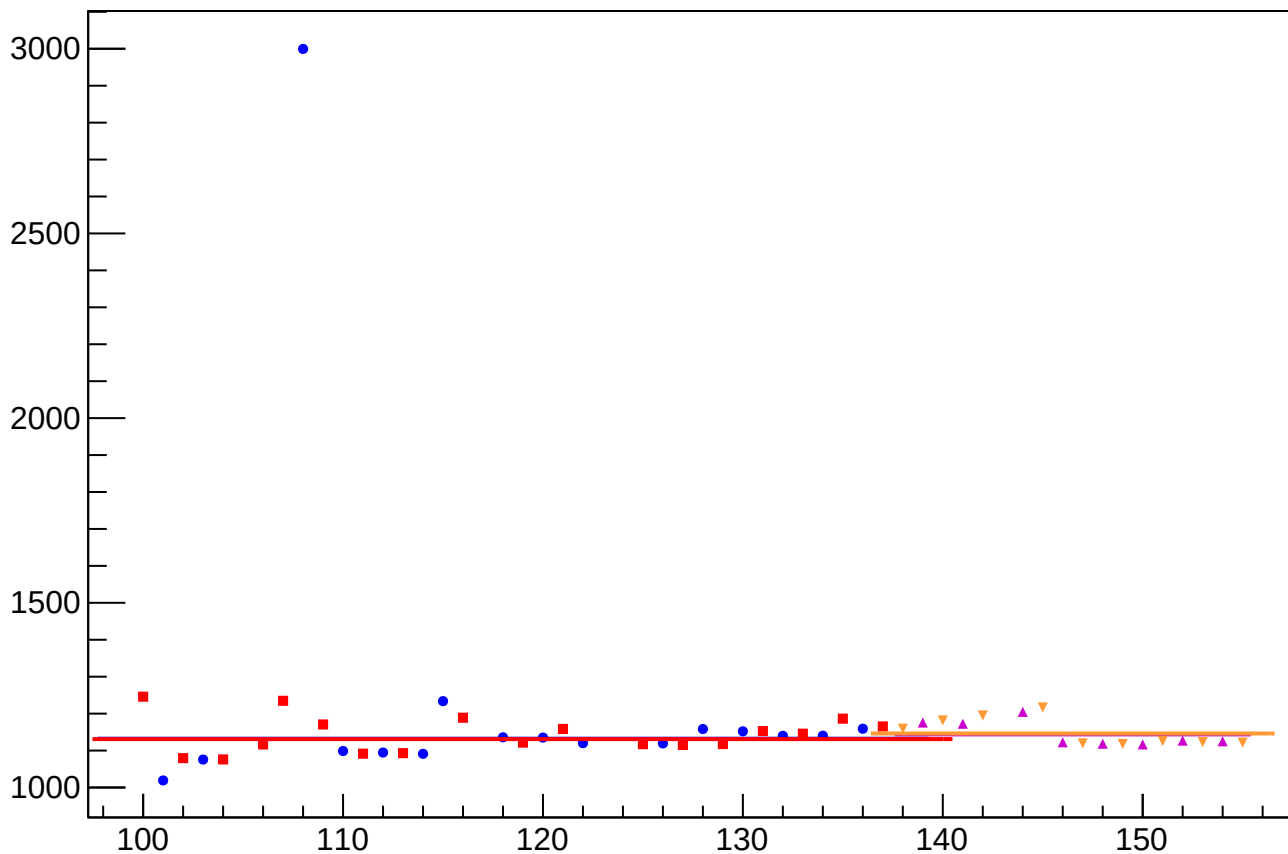
Right: 1966.016 $\pm$ 307.400 χ^2 /NDF: 19.7/33

In: 1629.854 $\pm$ 312.999 χ^2 /NDF:19.2/23

Out: 1849.274 $\pm$ 307.550 χ^2 /NDF:22.8/26

All: 1741.491 $\pm$ 219.372 χ^2 /NDF: 42.2/50

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1146.210+/-0.313 χ^2/NDF :12084.4/8

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

Left In: 1143.764+/-0.313 χ^2/NDF :9882.2/7

Left: 1144.989+/-0.221 χ^2/NDF : 21997.1/16

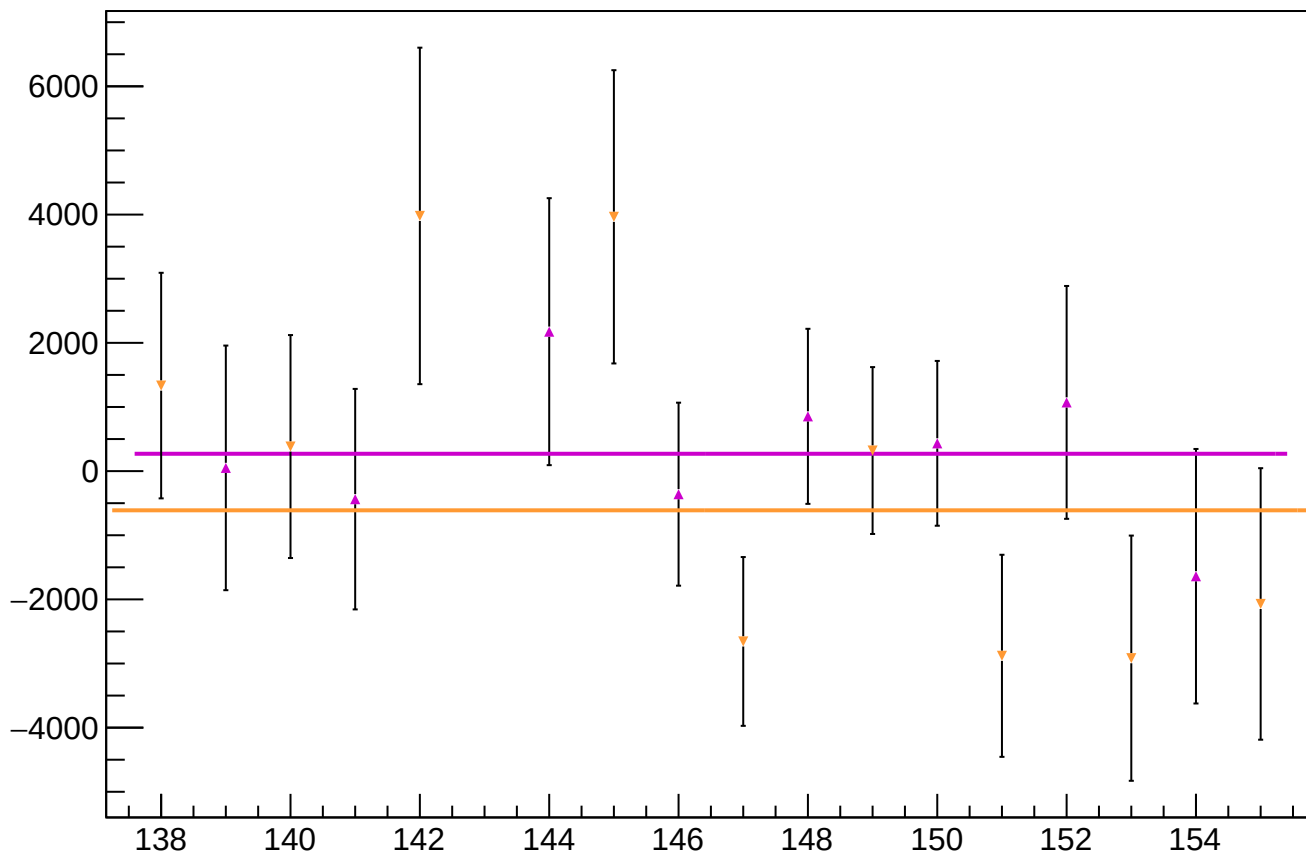
Right: 1131.528+/-0.217 χ^2/NDF : 335751.3/33

In: 1137.906+/-0.221 χ^2/NDF :326605.8/23

Out: 1138.353+/-0.217 χ^2/NDF :33022.4/26

All: 1138.133+/-0.155 χ^2/NDF : 359630.3/50

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -611.214+/-571.780 χ^2/NDF :15.5/8

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

Left In: 270.529+/-573.975 χ^2/NDF :2.5/7

Left: -172.031+/-405.083 χ^2/NDF : 19.3/16

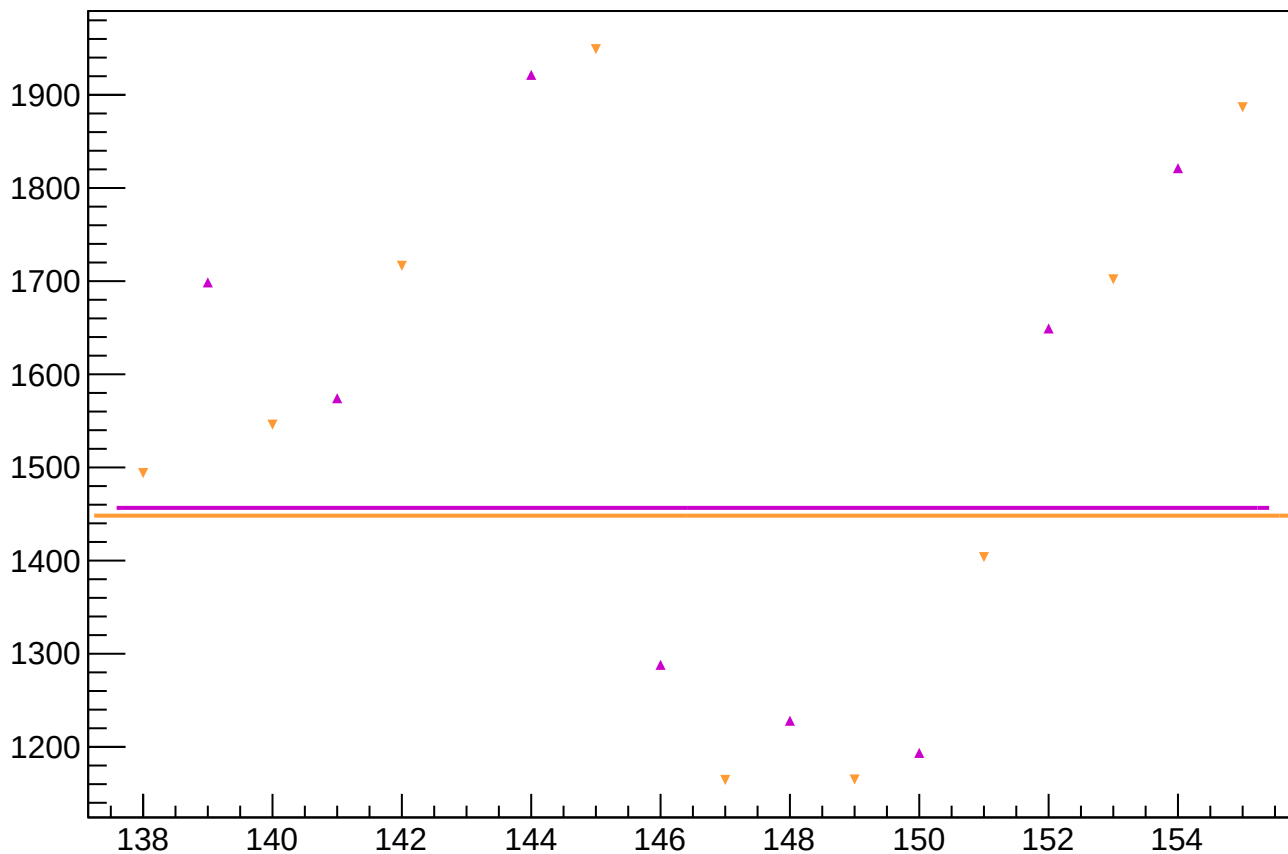
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 270.529+/-573.975 χ^2/NDF :2.5/7

Out: -611.214+/-571.780 χ^2/NDF :15.5/8

All: -172.031+/-405.083 χ^2/NDF : 19.3/16

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1448.253+/-0.404 χ^2/NDF : 434887.9/8

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

Left In: 1456.600+/-0.406 χ^2/NDF : 399214.2/7

Left: 1452.410+/-0.286 χ^2/NDF : 834314.4/16

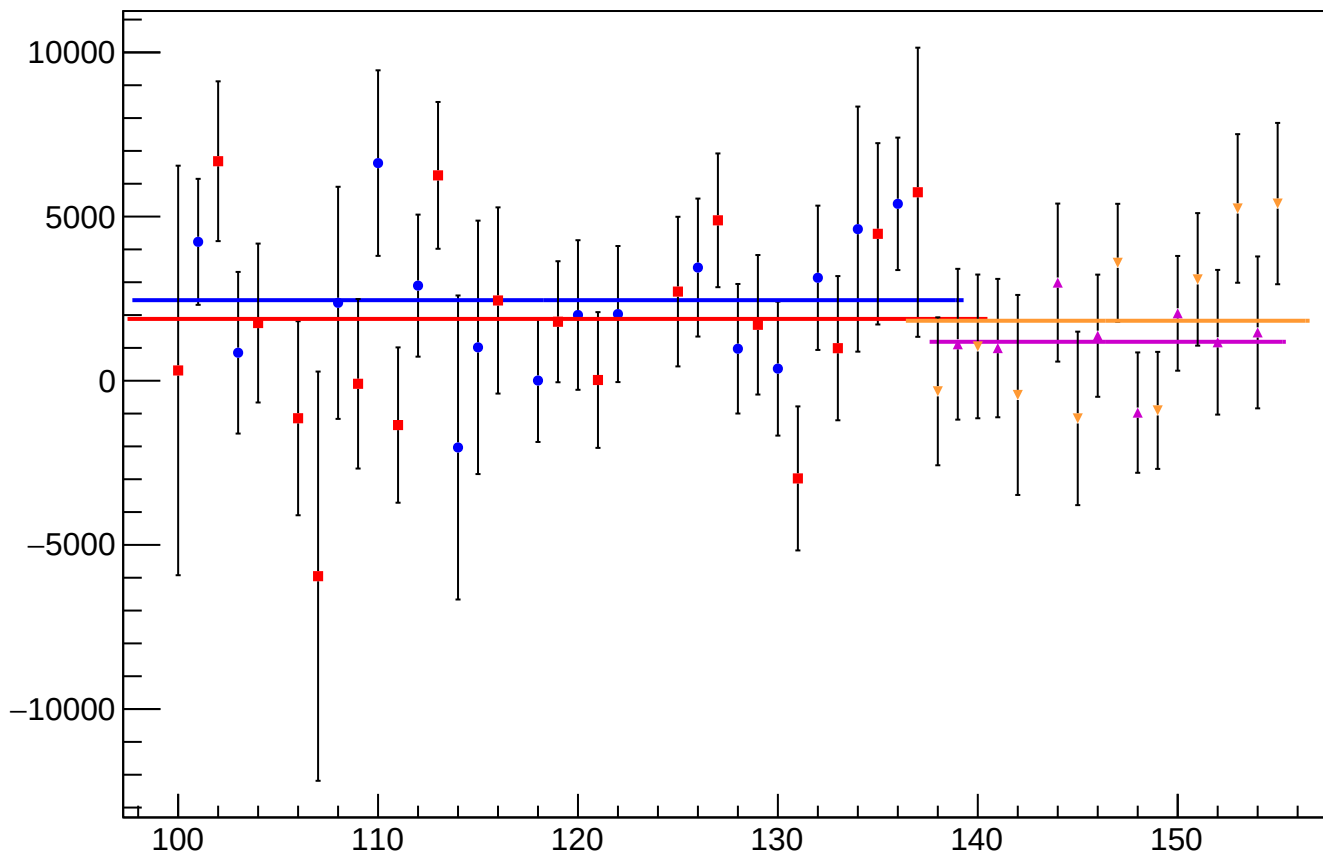
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1456.600+/-0.406 χ^2/NDF : 399214.2/7

Out: 1448.253+/-0.404 χ^2/NDF : 434887.9/8

All: 1452.410+/-0.286 χ^2/NDF : 834314.4/16

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1826.786+/-727.753 χ^2/NDF : 11.0/8

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

Left In: 1186.105+/-726.566 χ^2/NDF : 2.2/7

Left: 1505.923+/-514.179 χ^2/NDF : 13.6/16

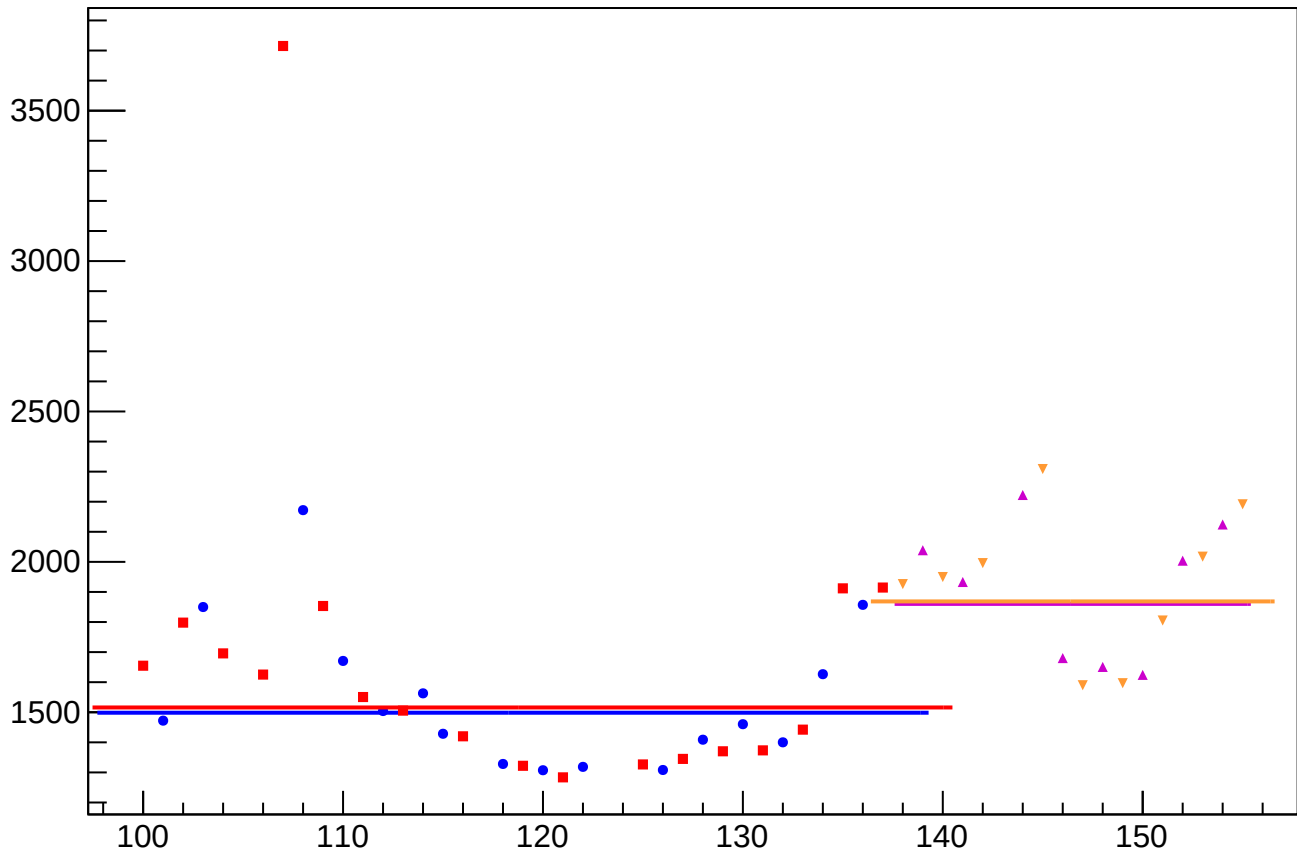
Right: 2167.665+/-412.771 χ^2/NDF : 34.0/33

In: 1955.846+/-455.332 χ^2/NDF : 14.8/23

Out: 1860.868+/-455.093 χ^2/NDF : 33.7/26

All: 1908.332+/-321.884 χ^2/NDF : 48.6/50

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1868.533+/-0.515 χ^2/NDF : 202911.4/8

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

Left In: 1860.322+/-0.514 χ^2/NDF : 175632.2/7

Left: 1864.421+/-0.364 χ^2/NDF : 378671.1/16

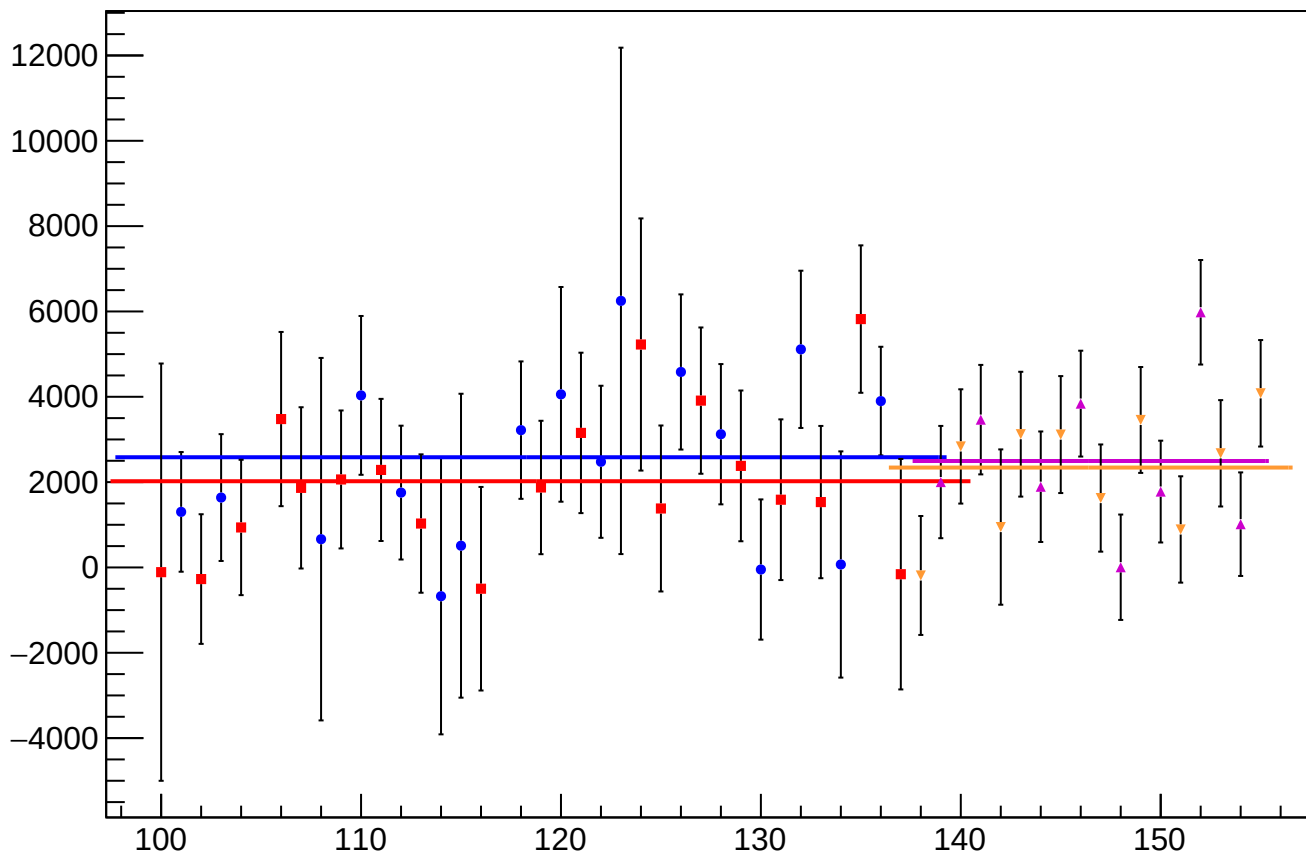
Right: 1507.233+/-0.292 χ^2/NDF : 740243.9/33

In: 1640.593+/-0.322 χ^2/NDF : 735656.5/23

Out: 1653.827+/-0.322 χ^2/NDF : 969324.3/26

All: 1647.213+/-0.228 χ^2/NDF : 1705826.0/50

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2582.988 $\pm$ 453.193 χ^2 /NDF: 12.3/16

Left Out: 2341.152 $\pm$ 423.093 χ^2 /NDF:9.1/9

Right Out: 2020.735 $\pm$ 426.756 χ^2 /NDF: 13.5/18

Left In: 2494.742 $\pm$ 441.316 χ^2 /NDF:16.1/7

Left: 2414.710 $\pm$ 305.411 χ^2 /NDF: 25.3/17

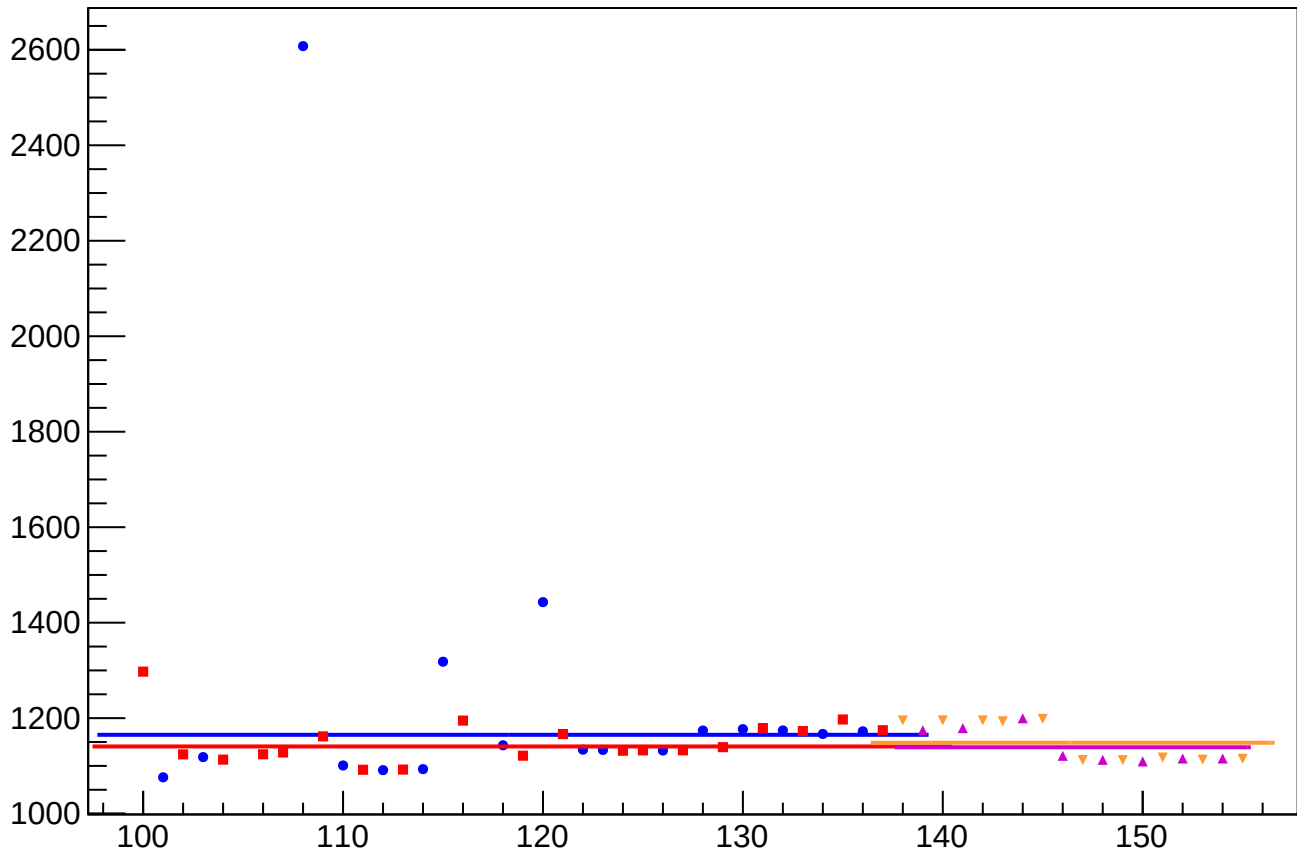
Right: 2284.984 $\pm$ 310.688 χ^2 /NDF: 26.6/35

In: 2537.693 $\pm$ 316.173 χ^2 /NDF:28.4/24

Out: 2182.324 $\pm$ 300.458 χ^2 /NDF:22.9/28

All: 2350.958 $\pm$ 217.800 χ^2 /NDF: 52.0/53

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1165.146 $\pm$ 0.320 χ^2 /NDF: 278570.1/16

Left Out: 1148.555 $\pm$ 0.299 χ^2 /NDF: 18266.1/9

Right Out: 1140.752 $\pm$ 0.302 χ^2 /NDF: 12717.7/18

Left In: 1139.045 $\pm$ 0.312 χ^2 /NDF: 11848.9/7

Left: 1144.000 $\pm$ 0.216 χ^2 /NDF: 30599.0/17

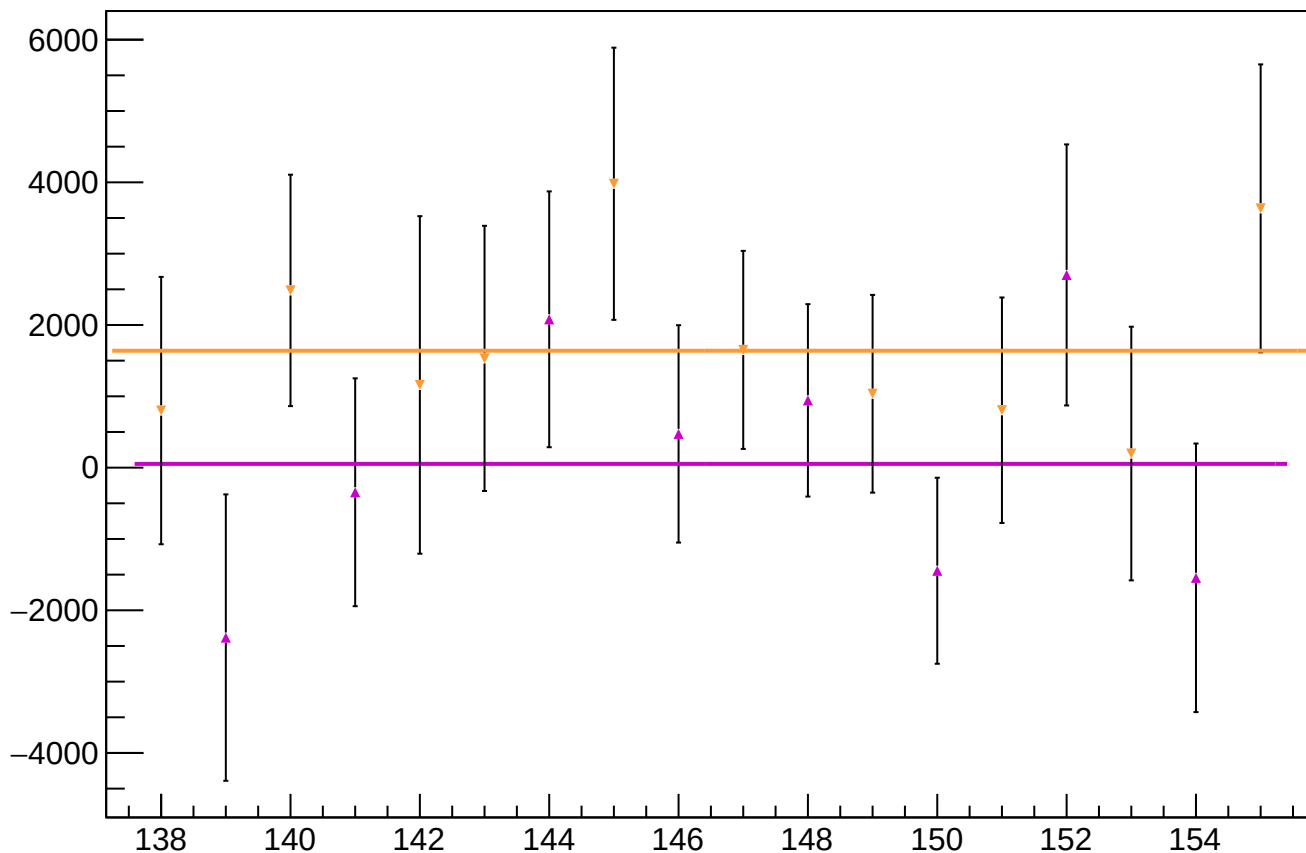
Right: 1152.217 $\pm$ 0.220 χ^2 /NDF: 294359.2/35

In: 1151.749 $\pm$ 0.224 χ^2 /NDF: 293824.3/24

Out: 1144.687 $\pm$ 0.212 χ^2 /NDF: 31321.0/28

All: 1148.038 $\pm$ 0.154 χ^2 /NDF: 325669.5/53

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1639.271+/-541.635 χ^2/NDF : 4.1/9

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

Left In: 52.669+/-567.927 χ^2/NDF : 7.5/7

Left: 883.544+/-391.959 χ^2/NDF : 15.7/17

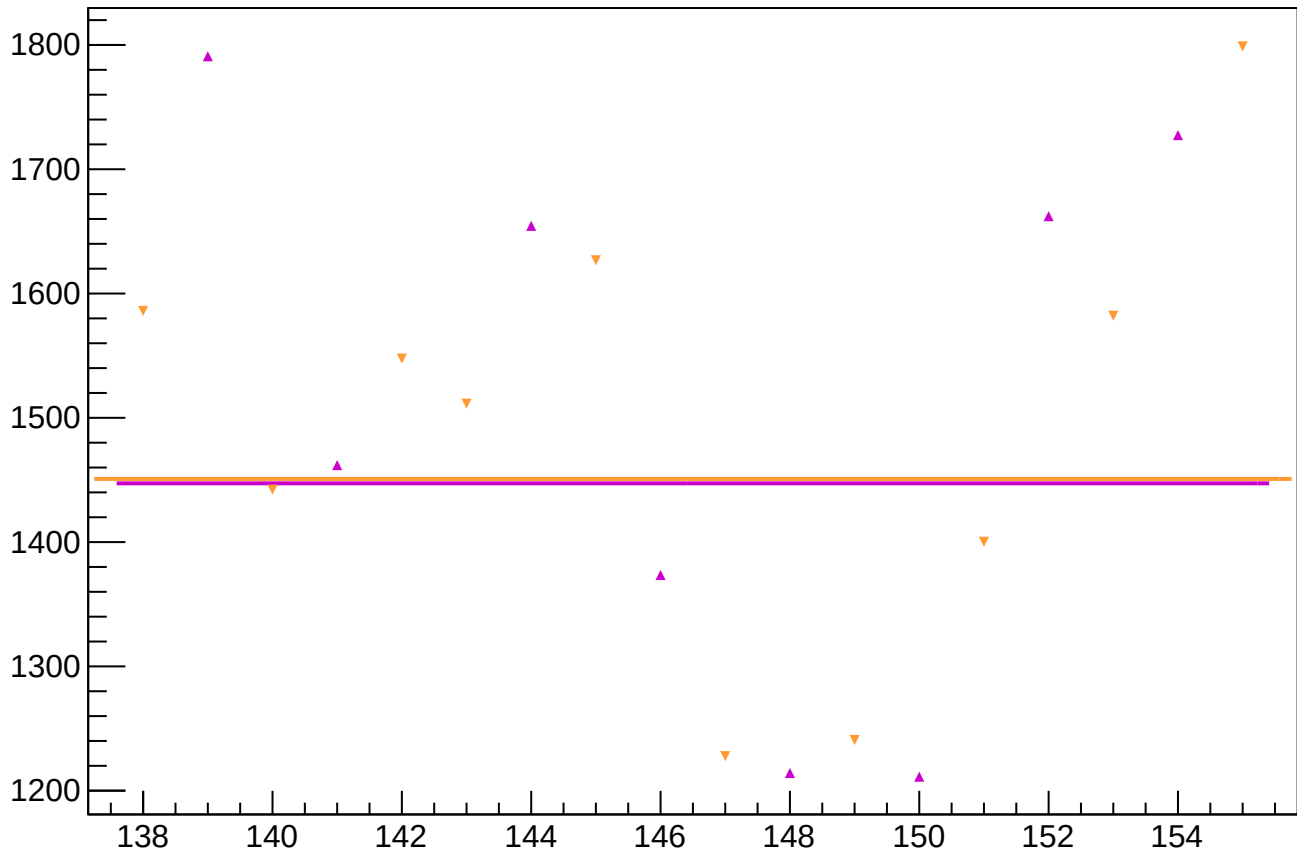
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 52.669+/-567.927 χ^2/NDF : 7.5/7

Out: 1639.271+/-541.635 χ^2/NDF : 4.1/9

All: 883.544+/-391.959 χ^2/NDF : 15.7/17

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1450.837+/-0.383 χ^2/NDF : 202884.6/9

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

Left In: 1447.287+/-0.402 χ^2/NDF : 287296.9/7

Left: 1449.146+/-0.277 χ^2/NDF : 490222.4/17

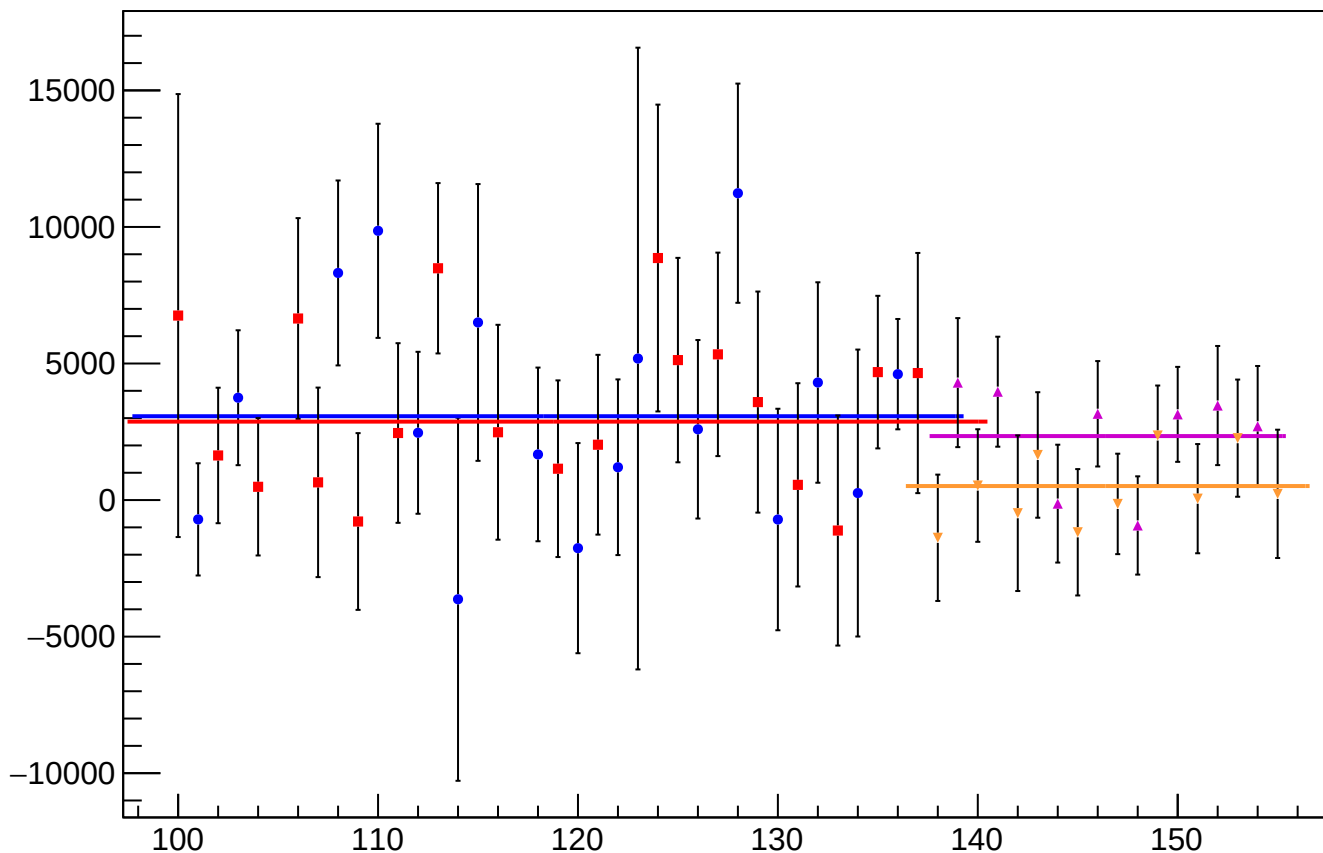
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1447.287+/-0.402 χ^2/NDF : 287296.9/7

Out: 1450.837+/-0.383 χ^2/NDF : 202884.6/9

All: 1449.146+/-0.277 χ^2/NDF : 490222.4/17

asym_usr_mean vs Slug, Sign Corrected



Right In: 3069.484 $\pm$ 797.741 χ^2 /NDF: 18.5/16

Left Out: 513.286 $\pm$ 679.618 χ^2 /NDF: 3.5/9

Right Out: 2872.615 $\pm$ 795.352 χ^2 /NDF: 11.6/18

Left In: 2342.788 $\pm$ 713.527 χ^2 /NDF: 6.6/7

Left: 1383.535 $\pm$ 492.114 χ^2 /NDF: 13.5/17

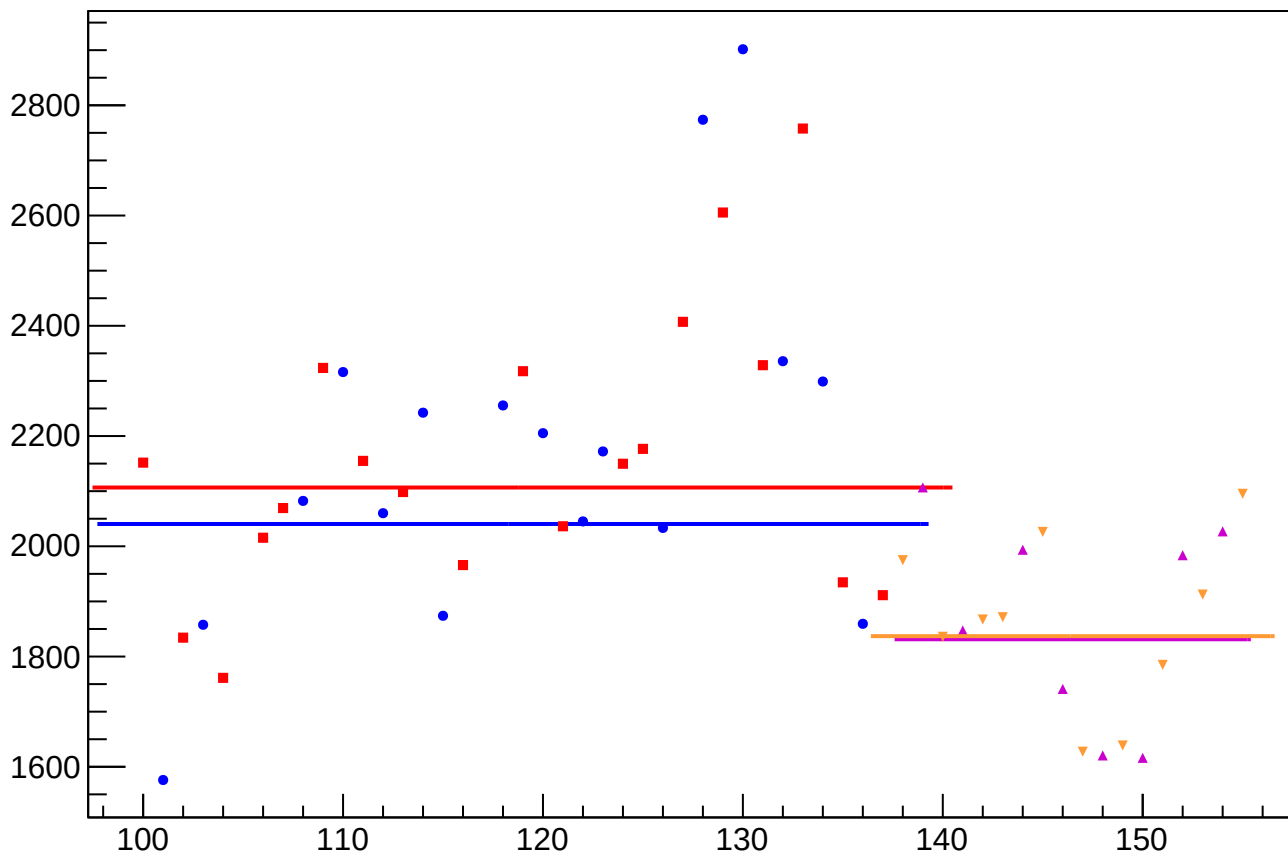
Right: 2970.754 $\pm$ 563.242 χ^2 /NDF: 30.1/35

In: 2665.767 $\pm$ 531.830 χ^2 /NDF: 25.6/24

Out: 1508.958 $\pm$ 516.682 χ^2 /NDF: 20.1/28

All: 2070.654 $\pm$ 370.589 χ^2 /NDF: 48.2/53

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1836.973+/-0.481 χ^2/NDF : 98620.5/9

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

Left In: 1831.331+/-0.505 χ^2/NDF : 126569.6/7

Left: 1834.289+/-0.348 χ^2/NDF : 225255.6/17

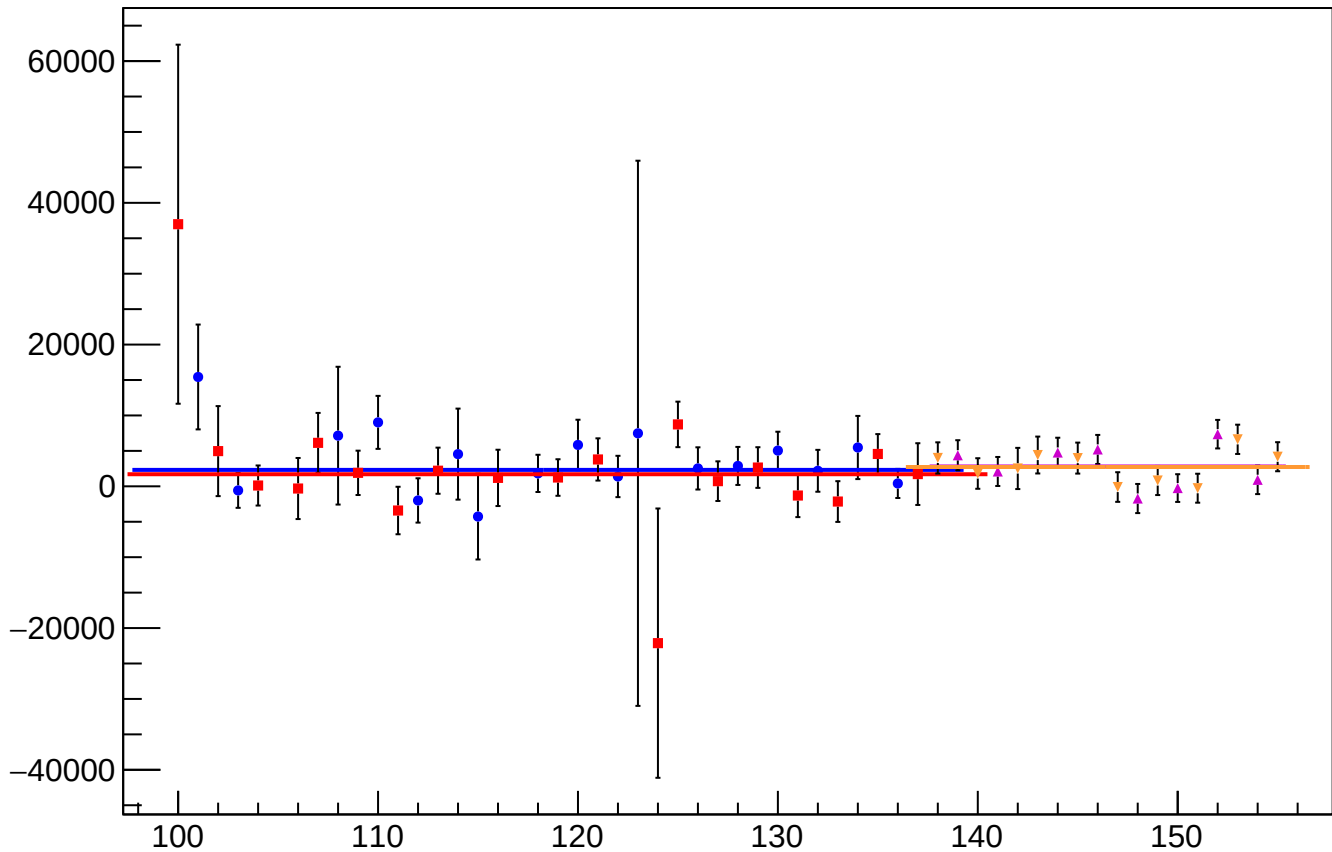
Right: 2073.628+/-0.398 χ^2/NDF : 533659.8/35

In: 1924.266+/-0.376 χ^2/NDF : 534249.0/24

Out: 1950.770+/-0.365 χ^2/NDF : 426906.2/28

All: 1937.901+/-0.262 χ^2/NDF : 963710.4/53

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2725.599+/-694.154 χ^2/NDF :10.2/9

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

Left In: 2801.488+/-721.961 χ^2/NDF :16.2/7

Left: 2762.054+/-500.383 χ^2/NDF : 26.4/17

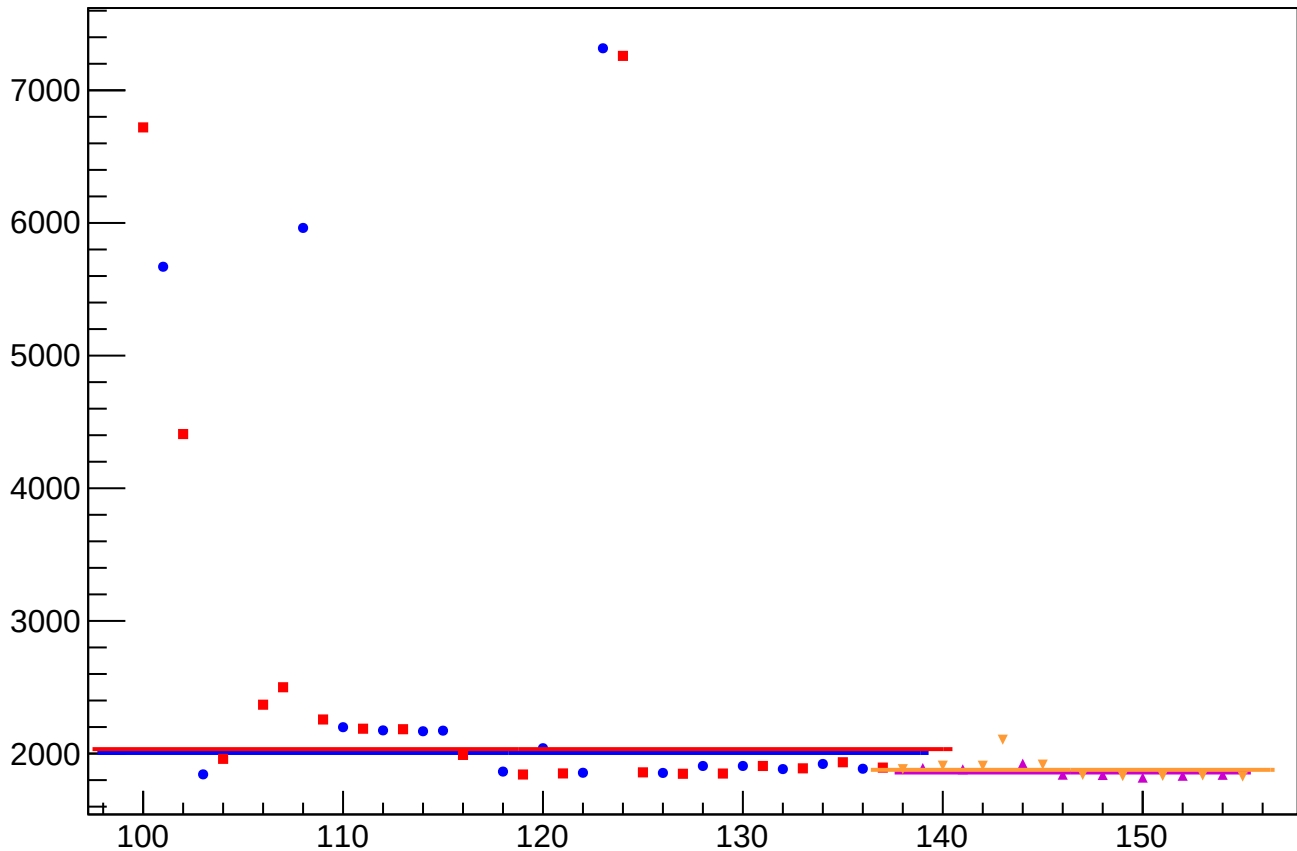
Right: 2005.073+/-560.015 χ^2/NDF : 32.3/35

In: 2585.365+/-536.408 χ^2/NDF :31.2/24

Out: 2276.590+/-519.380 χ^2/NDF :28.3/28

All: 2425.999+/-373.132 χ^2/NDF : 59.7/53

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1877.400+/-0.491 χ^2/NDF : 21385.9/9

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

Left In: 1857.283+/-0.511 χ^2/NDF : 4339.9/7

Left: 1867.736+/-0.354 χ^2/NDF : 26532.7/17

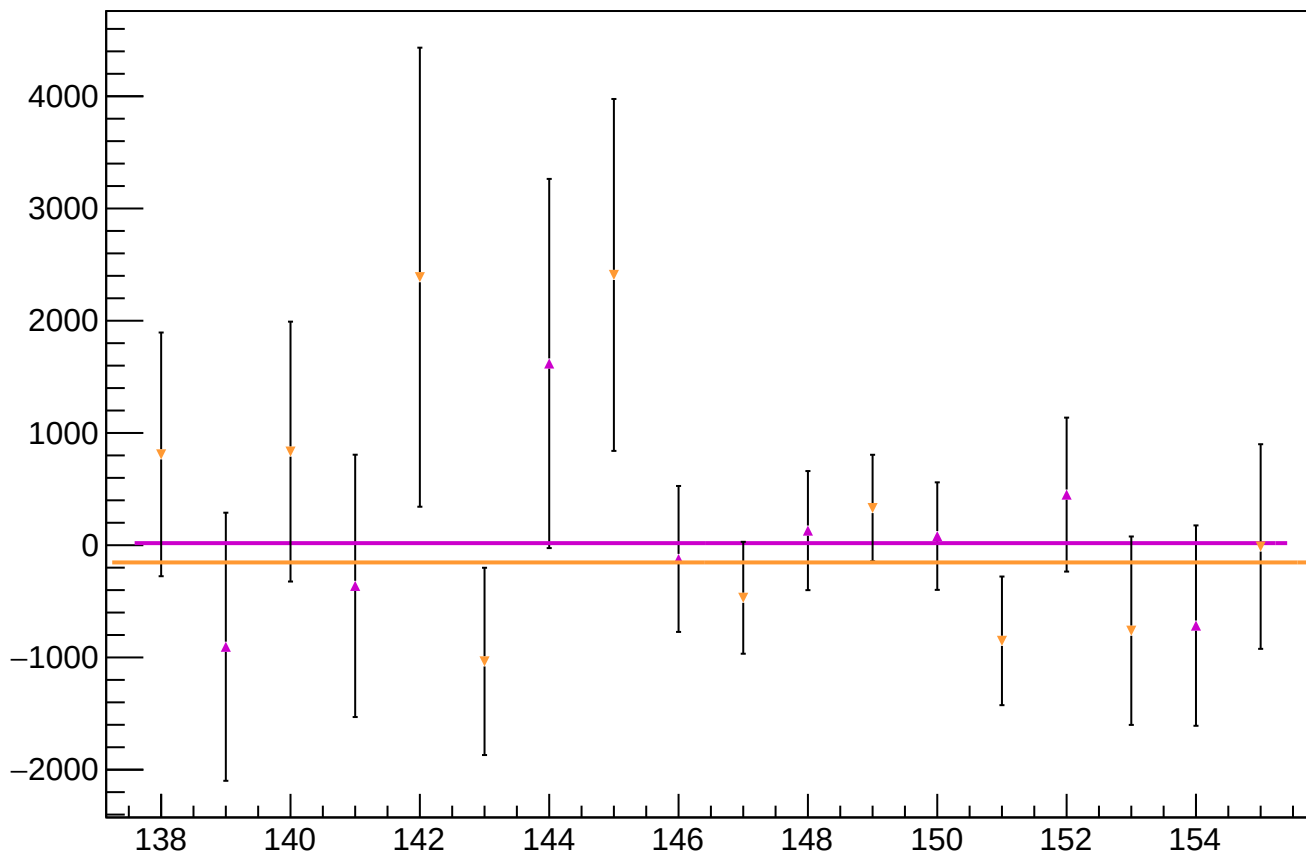
Right: 2019.360+/-0.396 χ^2/NDF : 1528357.7/35

In: 1923.254+/-0.379 χ^2/NDF : 957632.4/24

Out: 1946.106+/-0.367 χ^2/NDF : 676909.0/28

All: 1935.048+/-0.264 χ^2/NDF : 1636414.7/53

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -153.437+/-236.958 χ^2/NDF :10.3/9

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

Left In: 18.478+/-254.321 χ^2/NDF :2.8/7

Left: -73.548+/-173.368 χ^2/NDF : 13.4/17

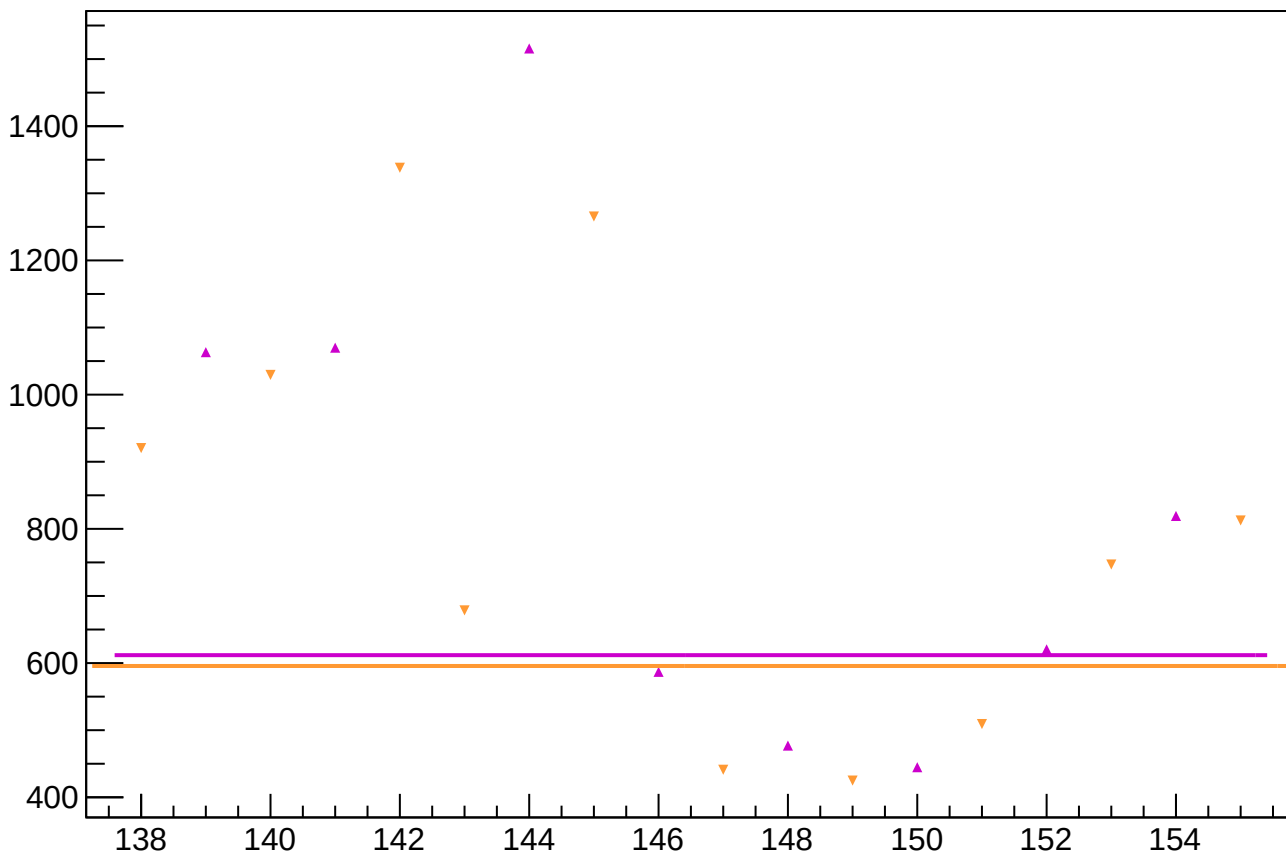
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.478+/-254.321 χ^2/NDF :2.8/7

Out: -153.437+/-236.958 χ^2/NDF :10.3/9

All: -73.548+/-173.368 χ^2/NDF : 13.4/17

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 595.667+/-0.168 χ^2/NDF :1782906.5/9

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

Left In: 611.799+/-0.180 χ^2/NDF :1680857.2/7

Left: 603.164+/-0.123 χ^2/NDF : 3468071.0/17

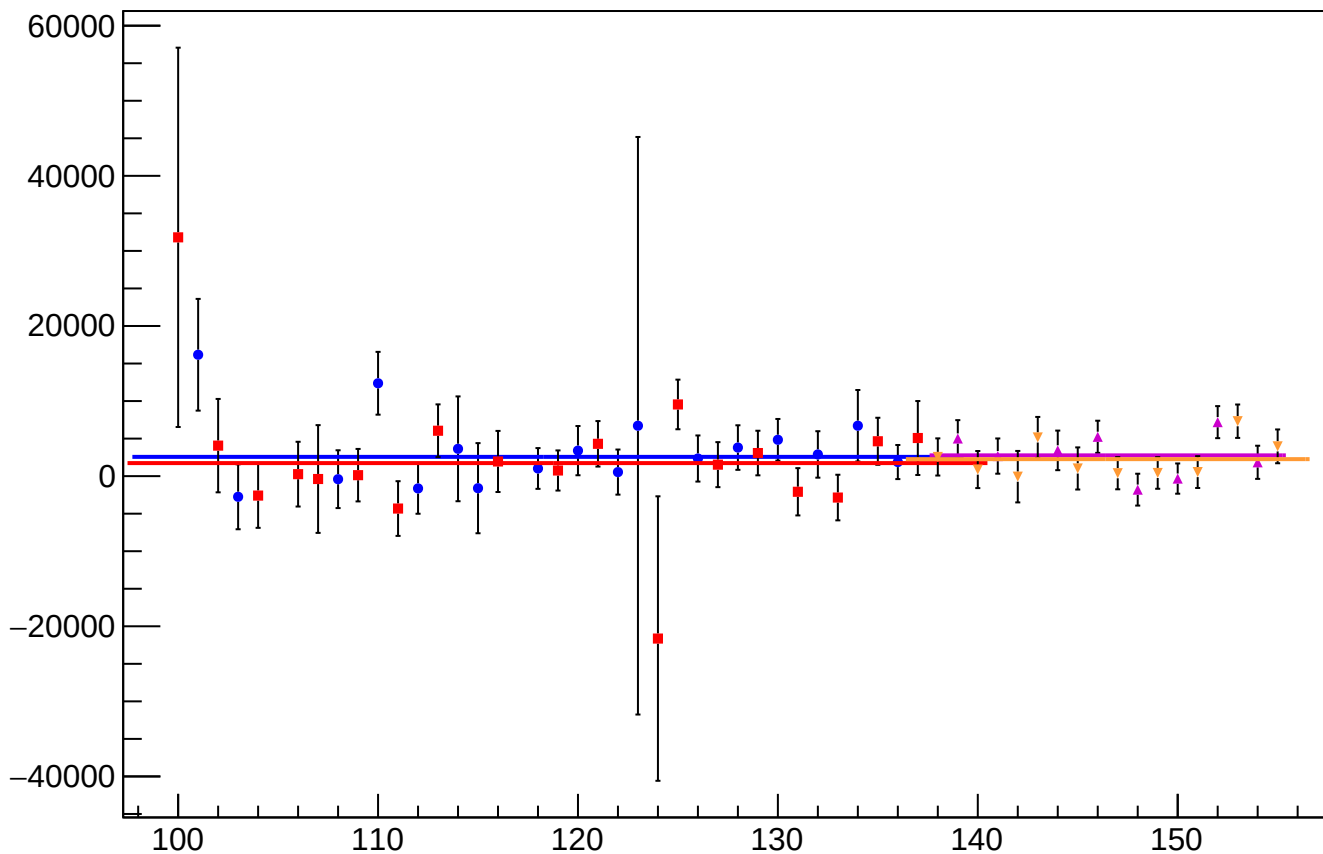
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 611.799+/-0.180 χ^2/NDF :1680857.2/7

Out: 595.667+/-0.168 χ^2/NDF :1782906.5/9

All: 603.164+/-0.123 χ^2/NDF : 3468071.0/17

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2566.797 $\pm$ 856.089 χ^2 /NDF: 15.6/16

Left Out: 2264.232 $\pm$ 758.407 χ^2 /NDF:10.0/9

Right Out: 1737.684 $\pm$ 853.181 χ^2 /NDF: 20.5/18

Left In: 2766.669 $\pm$ 789.526 χ^2 /NDF:13.7/7

Left: 2505.354 $\pm$ 546.945 χ^2 /NDF: 24.0/17

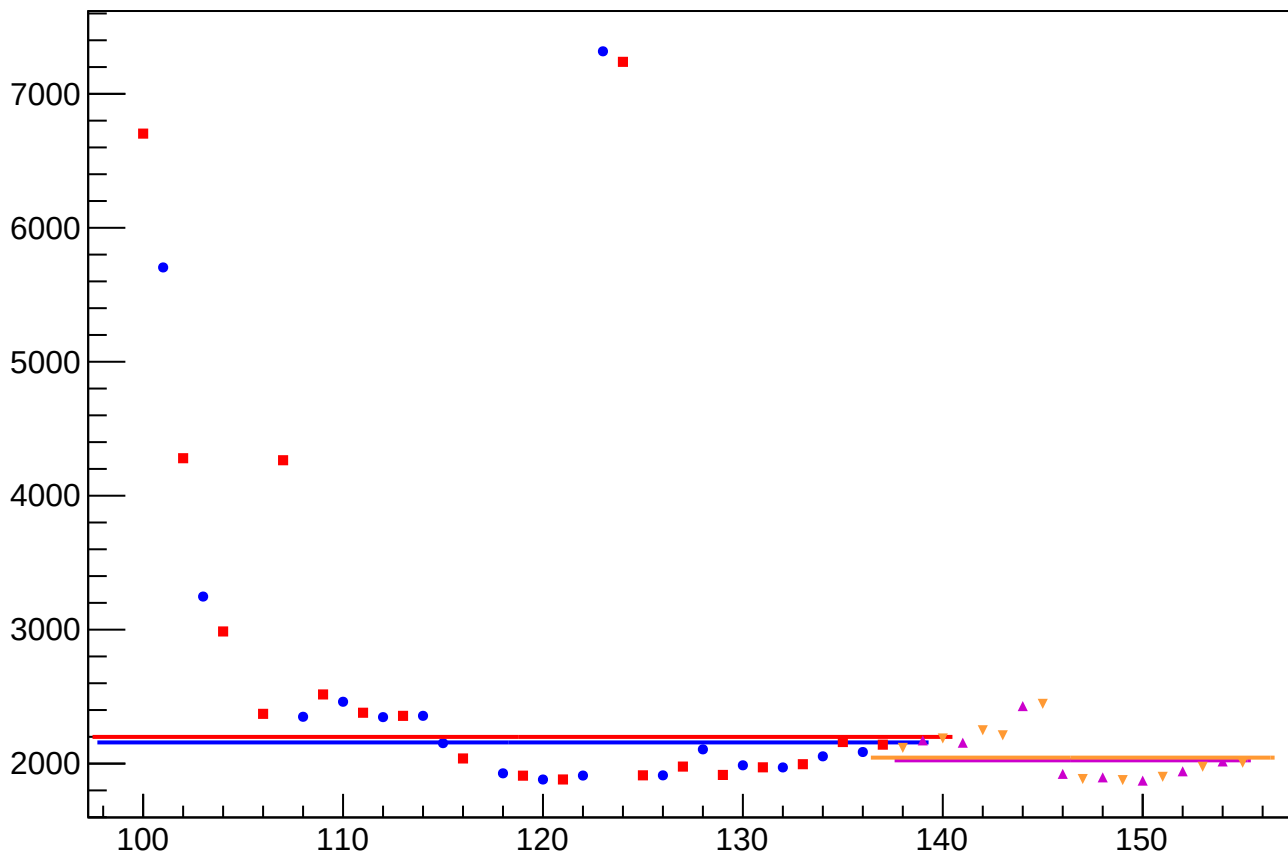
Right: 2150.830 $\pm$ 604.316 χ^2 /NDF: 36.5/35

In: 2674.804 $\pm$ 580.386 χ^2 /NDF:29.3/24

Out: 2031.816 $\pm$ 566.833 χ^2 /NDF:30.8/28

All: 2345.715 $\pm$ 405.518 χ^2 /NDF: 60.7/53

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2158.148 $\pm$ 0.605 χ^2 /NDF: 713862.1/16

Left Out: 2044.676 $\pm$ 0.536 χ^2 /NDF:99372.7/9

Right Out: 2199.343 $\pm$ 0.603 χ^2 /NDF: 803022.0/18

Left In: 2024.409 $\pm$ 0.558 χ^2 /NDF:86781.2/7

Left: 2034.949 $\pm$ 0.387 χ^2 /NDF: 186839.2/17

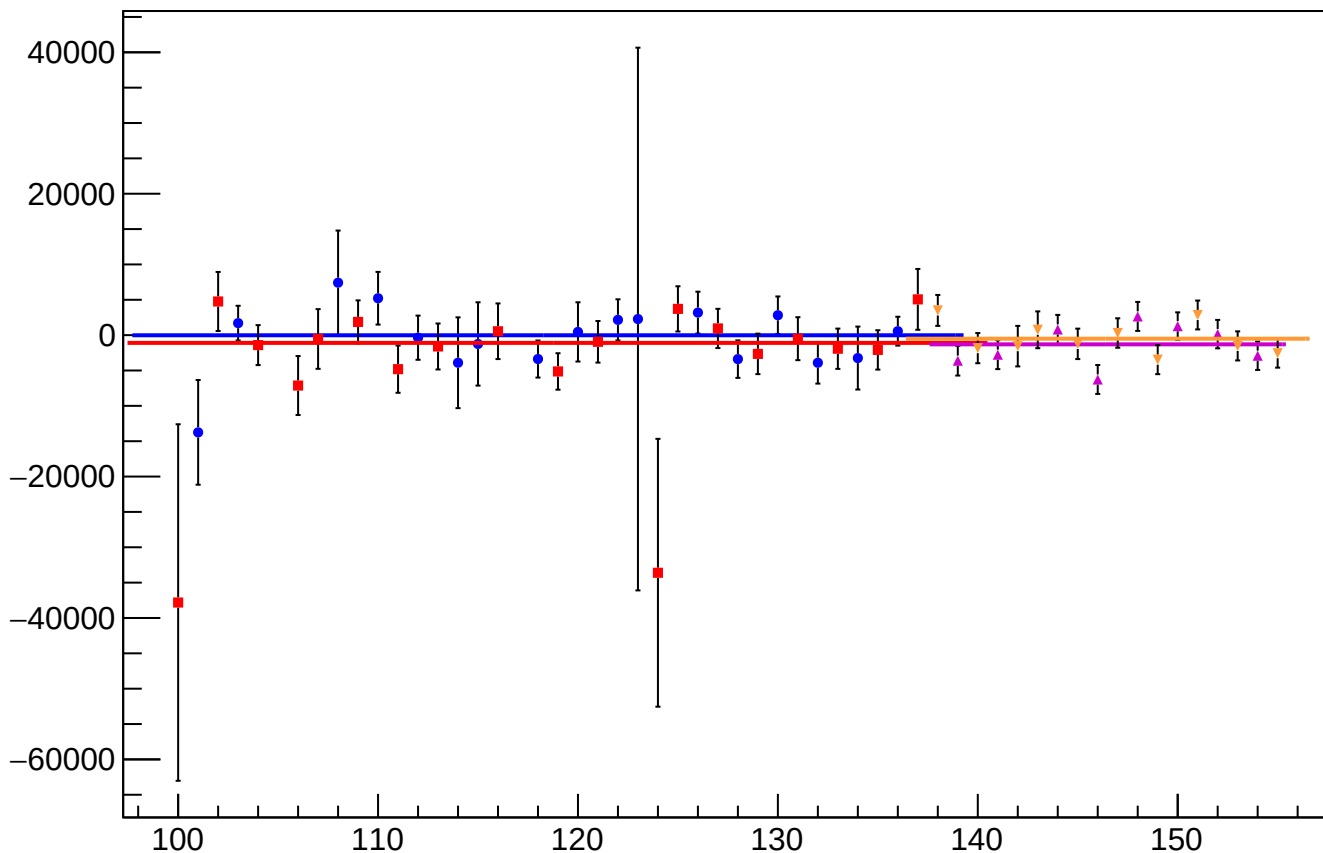
Right: 2178.816 $\pm$ 0.427 χ^2 /NDF: 1519207.5/35

In: 2085.878 $\pm$ 0.410 χ^2 /NDF:827019.6/24

Out: 2112.945 $\pm$ 0.401 χ^2 /NDF:939110.4/28

All: 2099.731 $\pm$ 0.287 χ^2 /NDF: 1768356.4/53

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -18.275 $\pm$ 801.405 χ^2/NDF : 15.8/16

Left Out: -502.698 $\pm$ 690.511 χ^2/NDF : 10.4/9

Right Out: -1095.433 $\pm$ 769.722 χ^2/NDF : 19.4/18

Left In: -1300.780 $\pm$ 718.692 χ^2/NDF : 15.3/7

Left: -885.785 $\pm$ 497.930 χ^2/NDF : 26.3/17

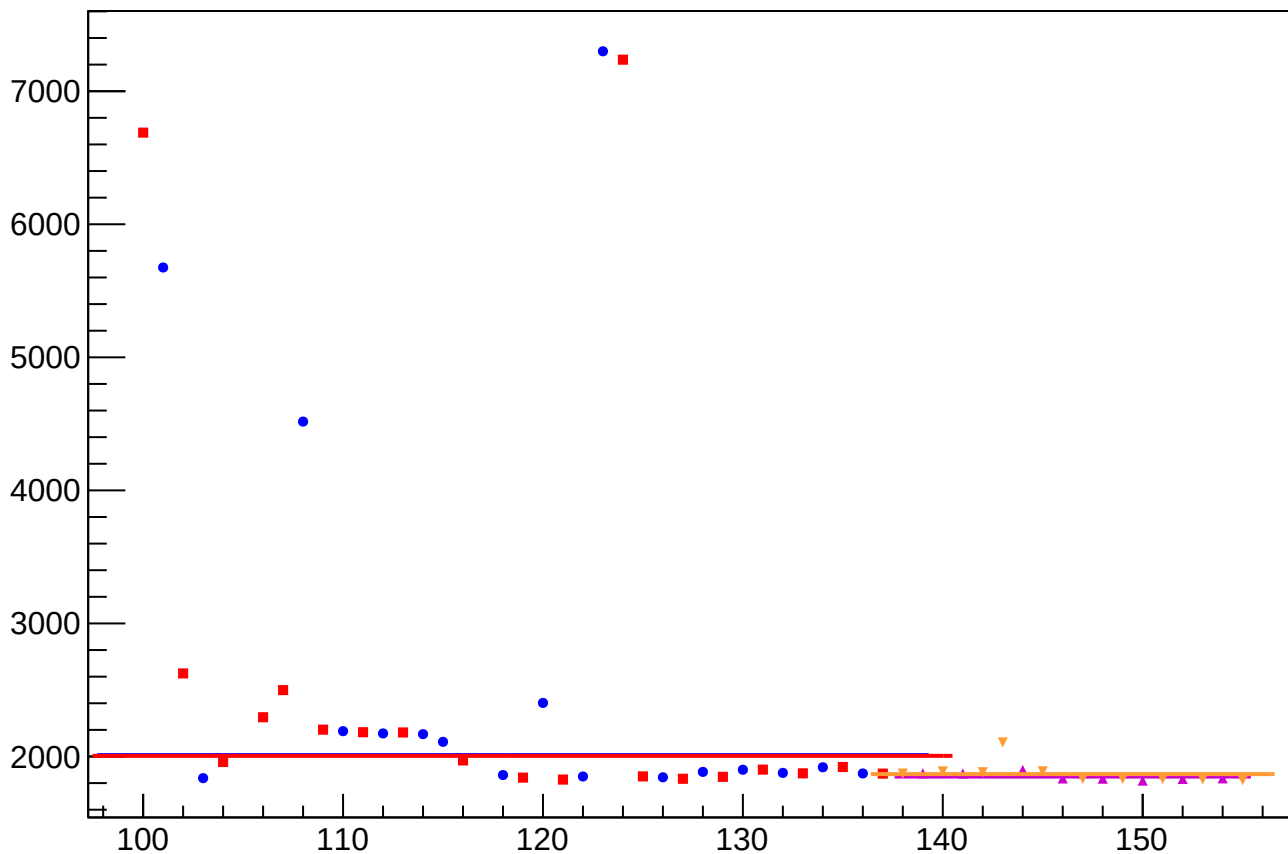
Right: -578.567 $\pm$ 555.139 χ^2/NDF : 36.2/35

In: -729.106 $\pm$ 535.053 χ^2/NDF : 32.5/24

Out: -767.007 $\pm$ 513.996 χ^2/NDF : 30.1/28

All: -748.817 $\pm$ 370.671 χ^2/NDF : 62.7/53

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1867.627+/-0.488 χ^2/NDF : 20736.2/9

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

Left In: 1849.052+/-0.508 χ^2/NDF : 2674.6/7

Left: 1858.711+/-0.352 χ^2/NDF : 24105.5/17

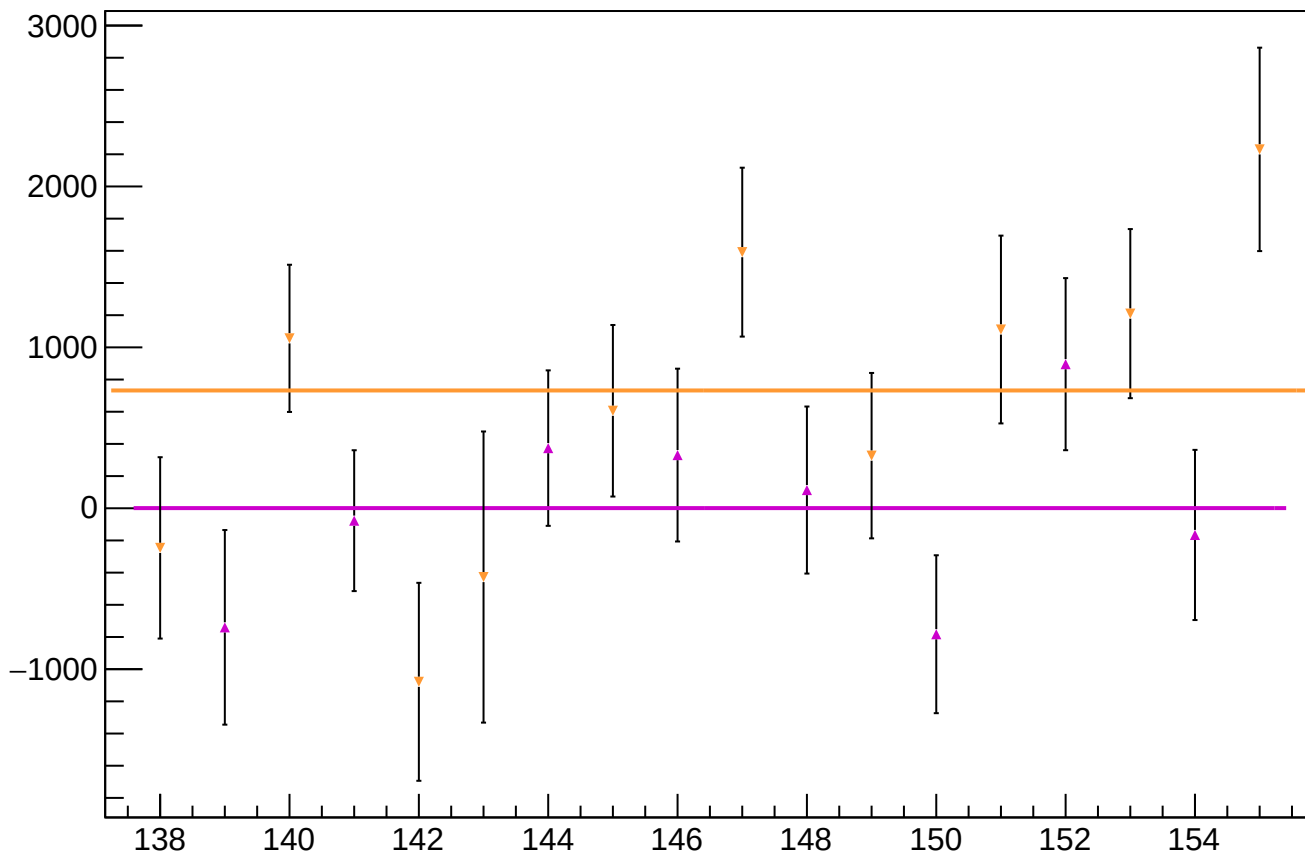
Right: 2007.469+/-0.393 χ^2/NDF : 1207306.7/35

In: 1920.916+/-0.378 χ^2/NDF : 887282.5/24

Out: 1928.831+/-0.363 χ^2/NDF : 423486.3/28

All: 1925.032+/-0.262 χ^2/NDF : 1310996.4/53

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 732.172+/-177.367 χ^2/NDF :24.0/9

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

Left In: 1.029+/-180.649 χ^2/NDF :8.0/7

Left: 373.303+/-126.562 χ^2/NDF : 40.4/17

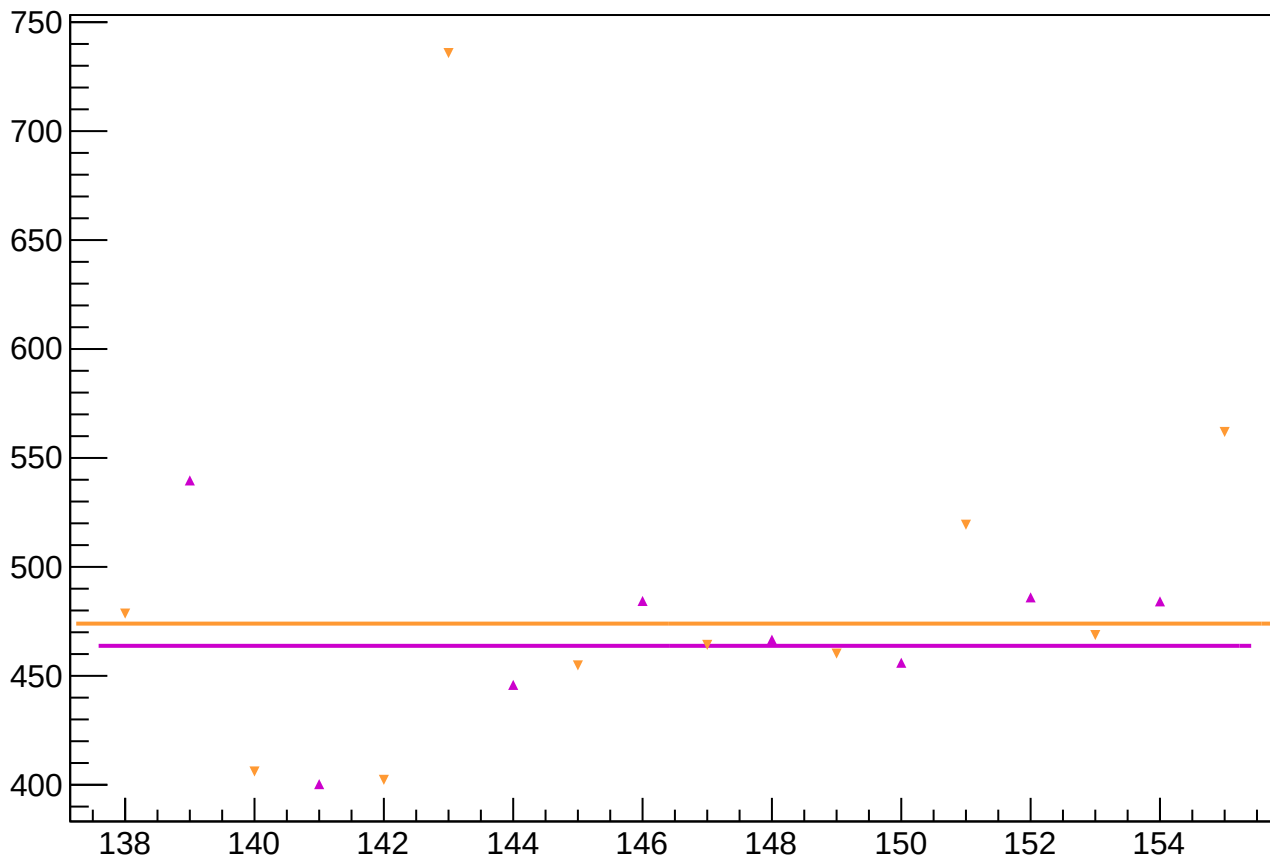
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.029+/-180.649 χ^2/NDF :8.0/7

Out: 732.172+/-177.367 χ^2/NDF :24.0/9

All: 373.303+/-126.562 χ^2/NDF : 40.4/17

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 473.974+/-0.125 χ^2/NDF :294610.7/9

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

Left In: 463.782+/-0.128 χ^2/NDF :86259.1/7

Left: 468.971+/-0.089 χ^2/NDF : 384111.4/17

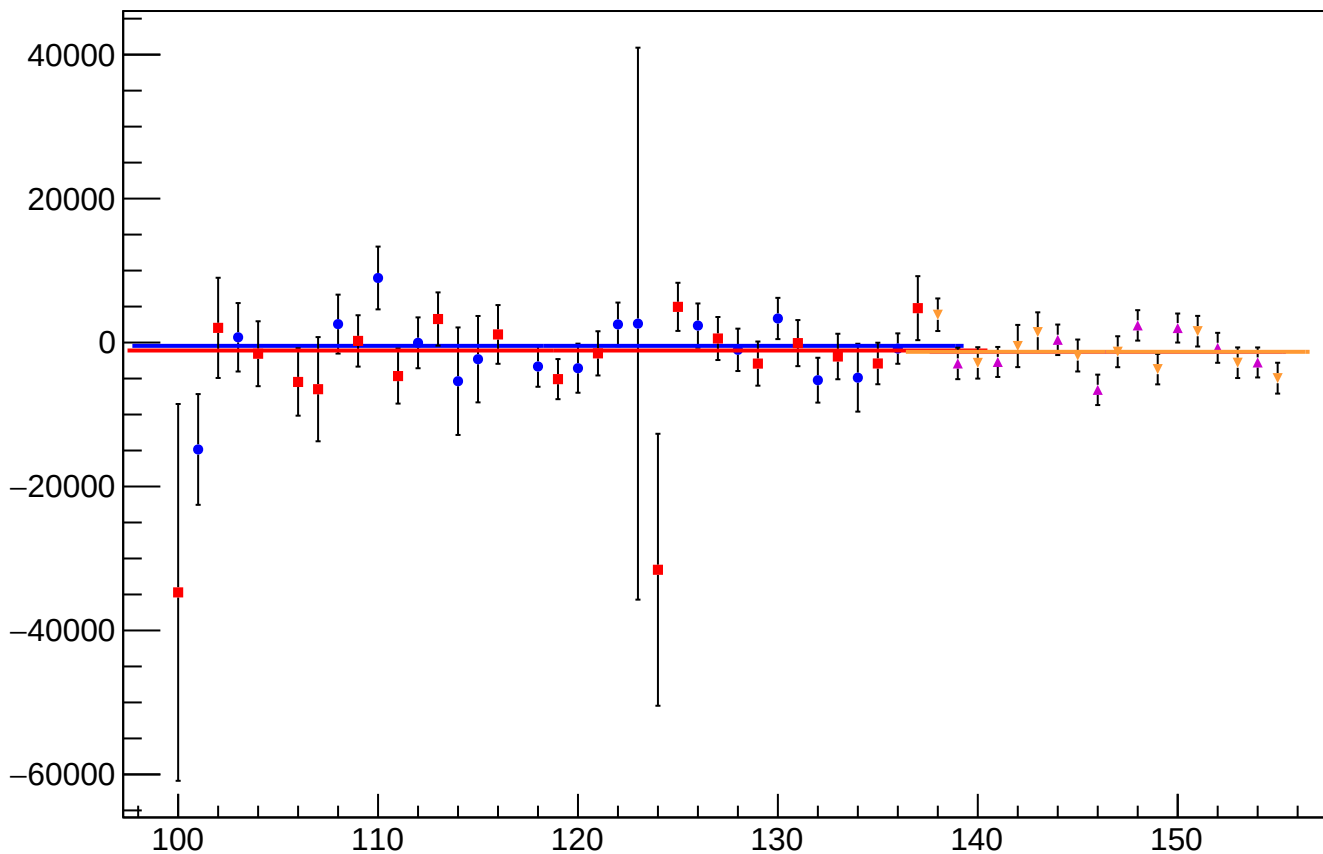
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 463.782+/-0.128 χ^2/NDF :86259.1/7

Out: 473.974+/-0.125 χ^2/NDF :294610.7/9

All: 468.971+/-0.089 χ^2/NDF : 384111.4/17

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1286.976+/-715.059 χ^2/NDF :13.3/9

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

Left In: -1315.233+/-741.808 χ^2/NDF :14.1/7

Left: -1300.586+/-514.820 χ^2/NDF : 27.5/17

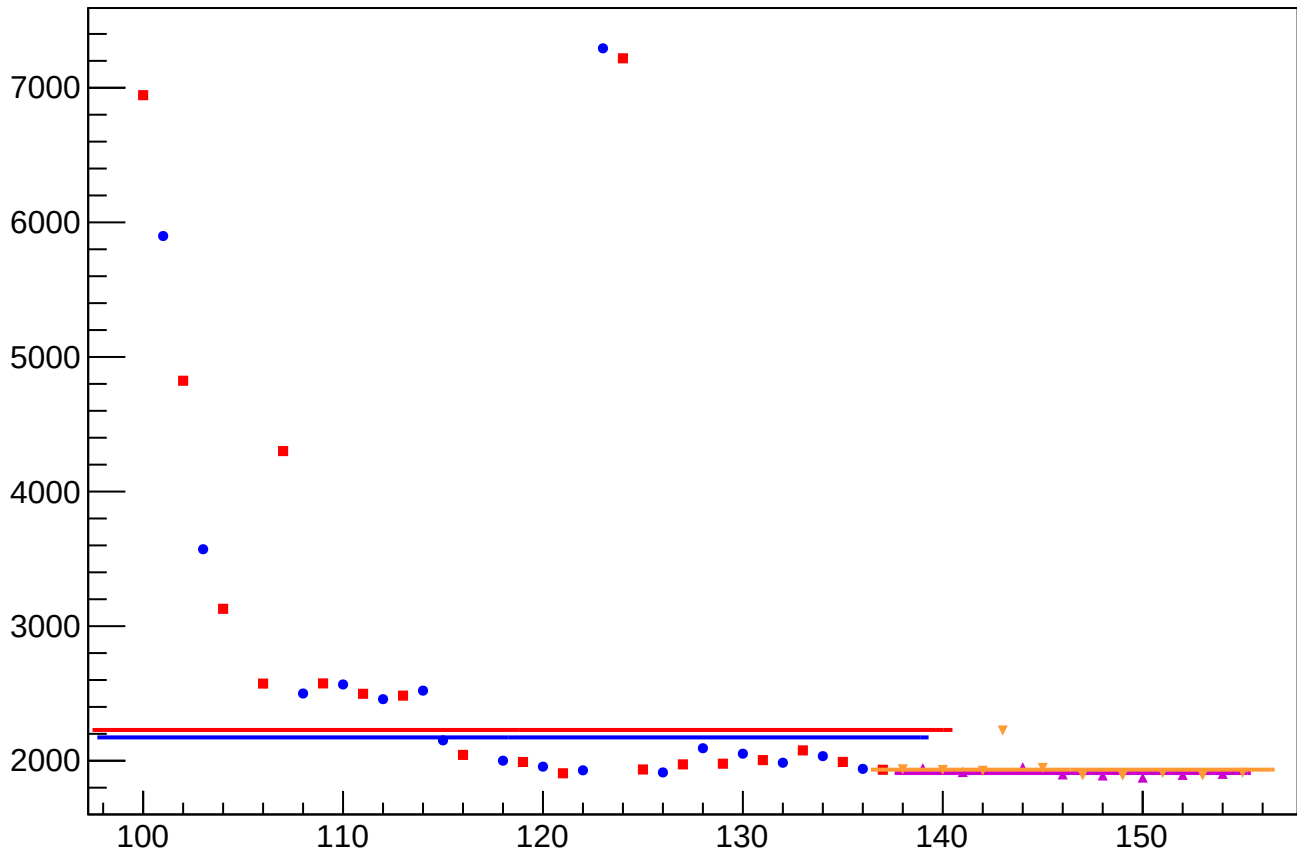
Right: -780.562+/-612.463 χ^2/NDF : 35.2/35

In: -952.160+/-563.142 χ^2/NDF :32.8/24

Out: -1213.043+/-551.686 χ^2/NDF :30.3/28

All: -1085.282+/-394.089 χ^2/NDF : 63.1/53

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2173.529 $\pm$ 0.612 χ^2 /NDF: 805360.7/16

Left Out: 1933.964 $\pm$ 0.506 χ^2 /NDF:25557.5/9

Right Out: 2228.892 $\pm$ 0.613 χ^2 /NDF: 895863.4/18

Left In: 1908.745 $\pm$ 0.525 χ^2 /NDF:2302.2/7

Left: 1921.817 $\pm$ 0.364 χ^2 /NDF: 29057.9/17

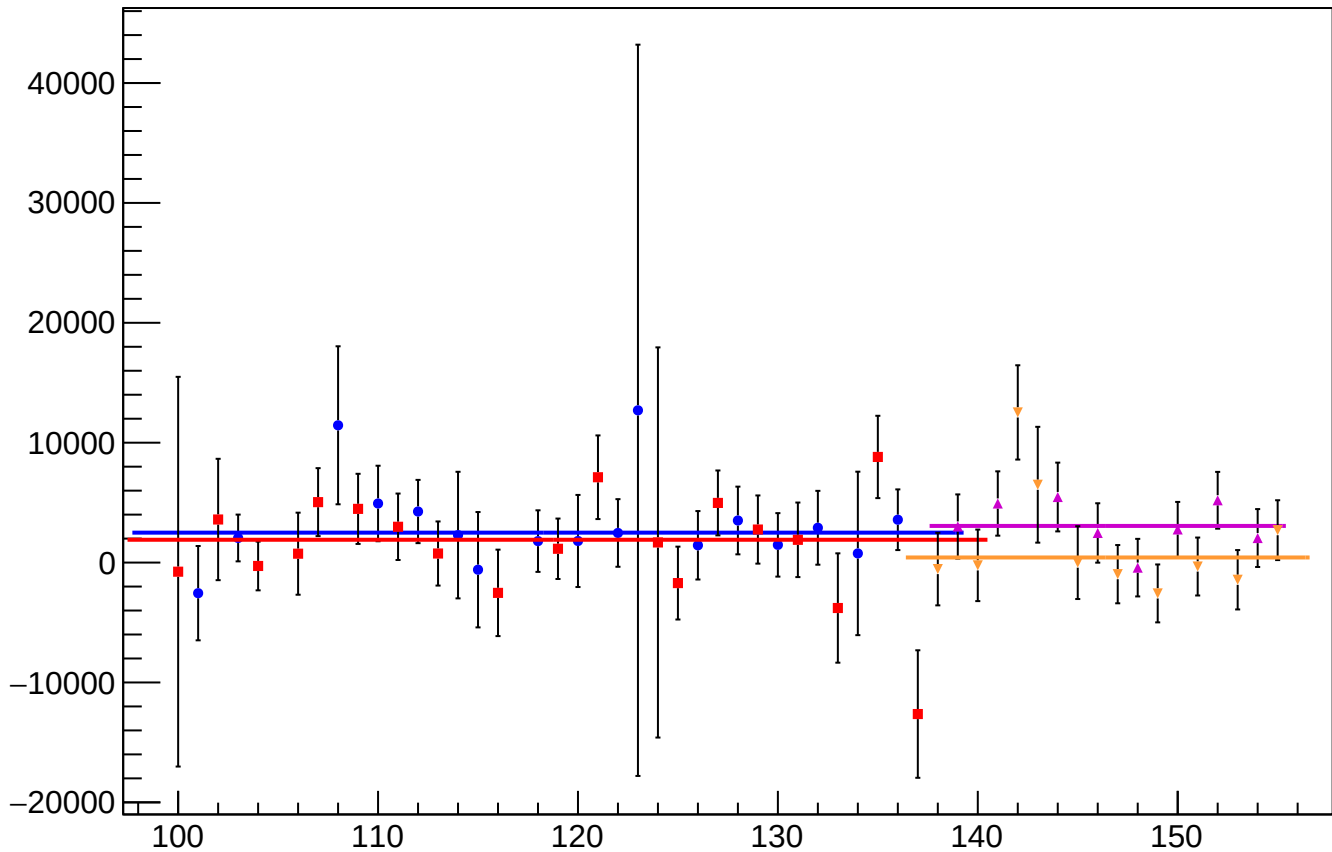
Right: 2201.146 $\pm$ 0.433 χ^2 /NDF: 1705309.7/35

In: 2020.932 $\pm$ 0.398 χ^2 /NDF:915627.3/24

Out: 2053.336 $\pm$ 0.390 χ^2 /NDF:1059131.5/28

All: 2037.467 $\pm$ 0.279 χ^2 /NDF: 1978137.9/53

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2496.610 $\pm$ 768.295 χ^2 /NDF: 5.9/16

Left Out: 425.584 $\pm$ 886.271 χ^2 /NDF:14.6/9

Right Out: 1902.970 $\pm$ 736.793 χ^2 /NDF: 23.5/18

Left In: 3057.037 $\pm$ 885.288 χ^2 /NDF:4.4/7

Left: 1742.770 $\pm$ 626.341 χ^2 /NDF: 23.3/17

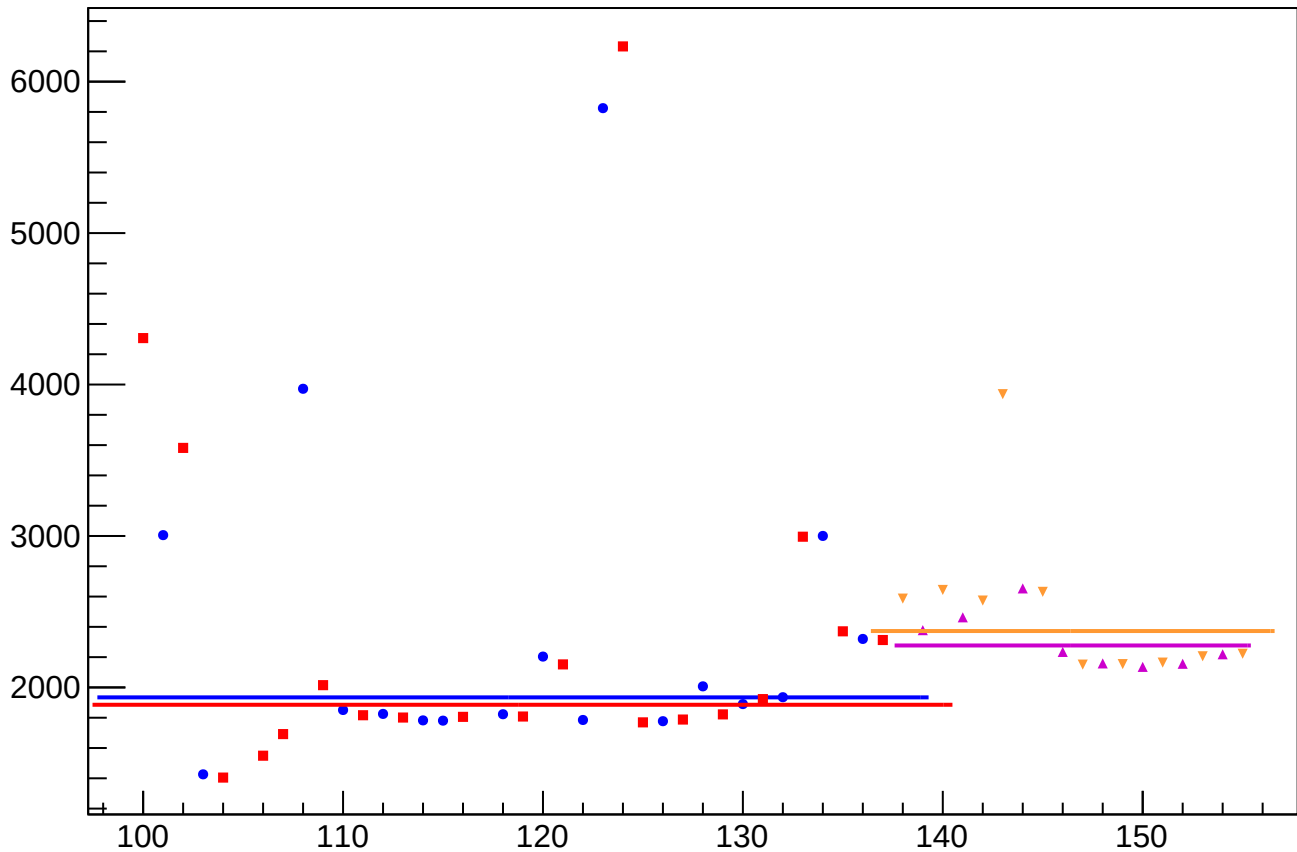
Right: 2187.370 $\pm$ 531.779 χ^2 /NDF: 29.7/35

In: 2737.370 $\pm$ 580.253 χ^2 /NDF:10.5/24

Out: 1299.194 $\pm$ 566.575 χ^2 /NDF:39.7/28

All: 2001.132 $\pm$ 405.378 χ^2 /NDF: 53.3/53

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2372.391+/-0.627 χ^2/NDF :320144.5/9

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

Left In: 2277.072+/-0.626 χ^2/NDF :66368.5/7

Left: 2324.678+/-0.443 χ^2/NDF : 398092.9/17

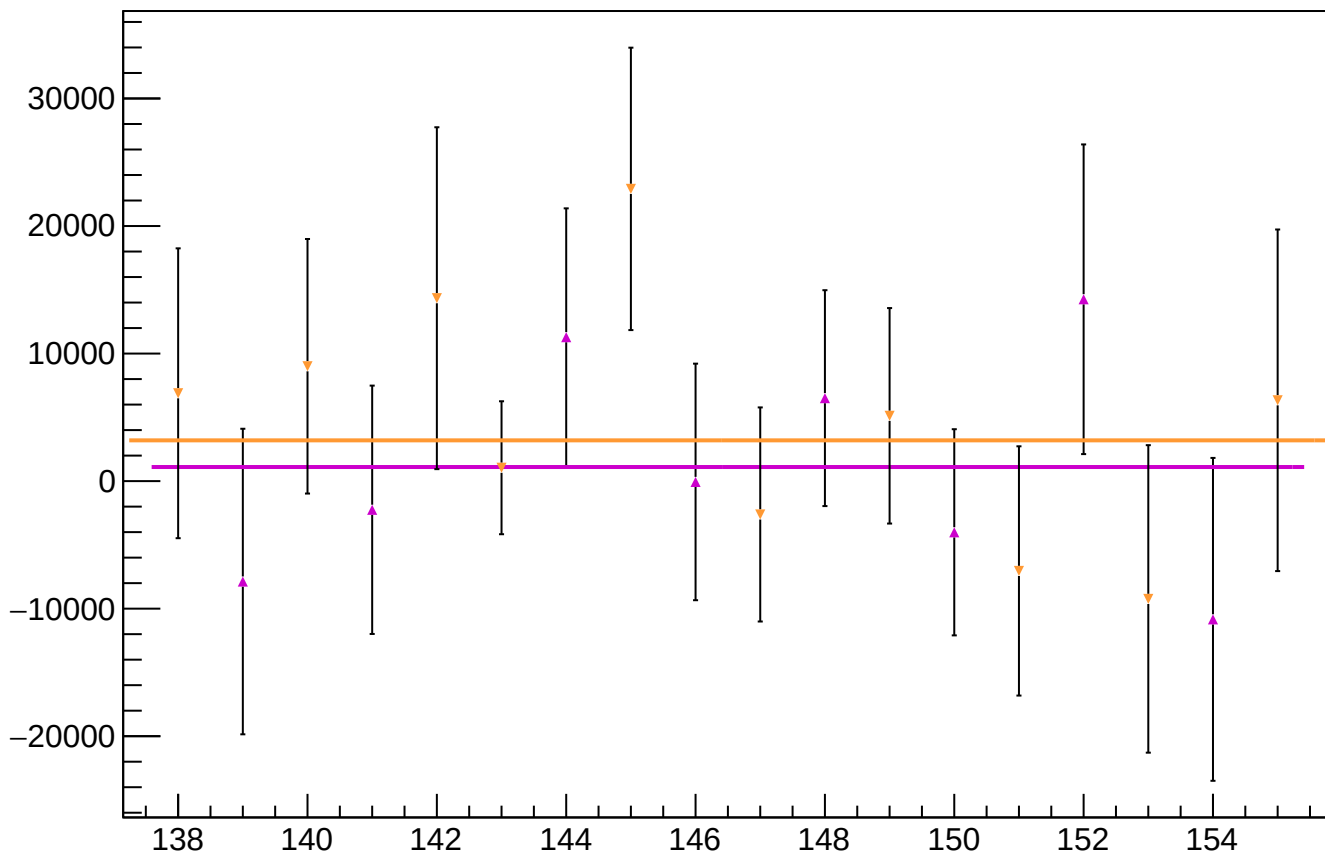
Right: 1908.949+/-0.376 χ^2/NDF : 1395226.1/35

In: 2081.614+/-0.410 χ^2/NDF :876206.2/24

Out: 2084.466+/-0.401 χ^2/NDF :1429151.4/28

All: 2083.074+/-0.287 χ^2/NDF : 2305382.3/53

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3195.560+/-2893.299 χ^2/NDF : 7.2/9

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

Left In: 1104.905+/-3508.334 χ^2/NDF : 4.6/7

Left: 2349.255+/-2232.149 χ^2/NDF : 12.0/17

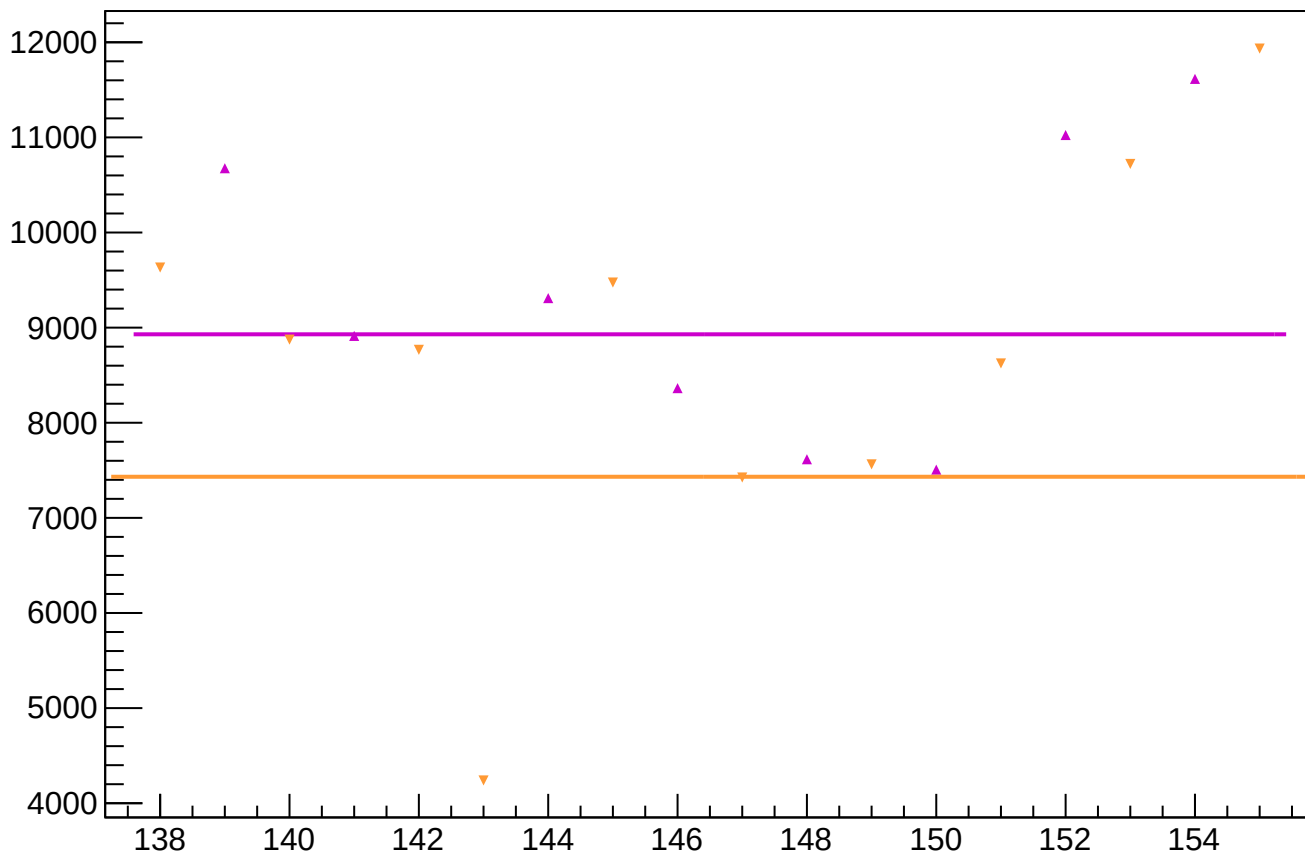
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1104.905+/-3508.334 χ^2/NDF : 4.6/7

Out: 3195.560+/-2893.299 χ^2/NDF : 7.2/9

All: 2349.255+/-2232.149 χ^2/NDF : 12.0/17

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7432.250+/-2.046 χ^2/NDF :1360039.0/9

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

Left In: 8929.899+/-2.481 χ^2/NDF :312518.9/7

Left: 8038.504+/-1.578 χ^2/NDF : 1889482.2/17

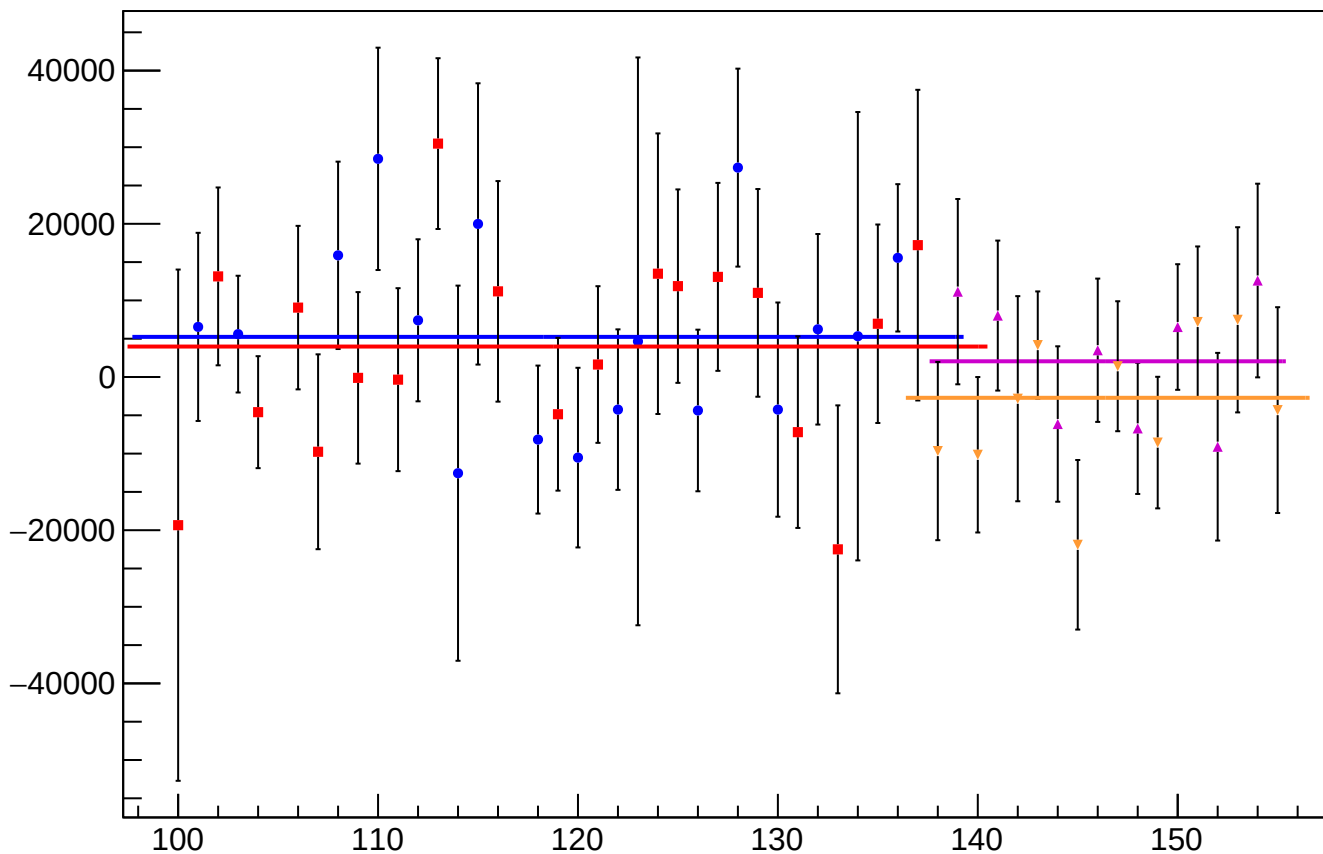
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8929.899+/-2.481 χ^2/NDF :312518.9/7

Out: 7432.250+/-2.046 χ^2/NDF :1360039.0/9

All: 8038.504+/-1.578 χ^2/NDF : 1889482.2/17

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -2715.980+/-3141.390 χ^2/NDF : 7.3/9

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

Left In: 2051.524+/-3538.770 χ^2/NDF : 4.5/7

Left: -614.831+/-2349.283 χ^2/NDF : 12.8/17

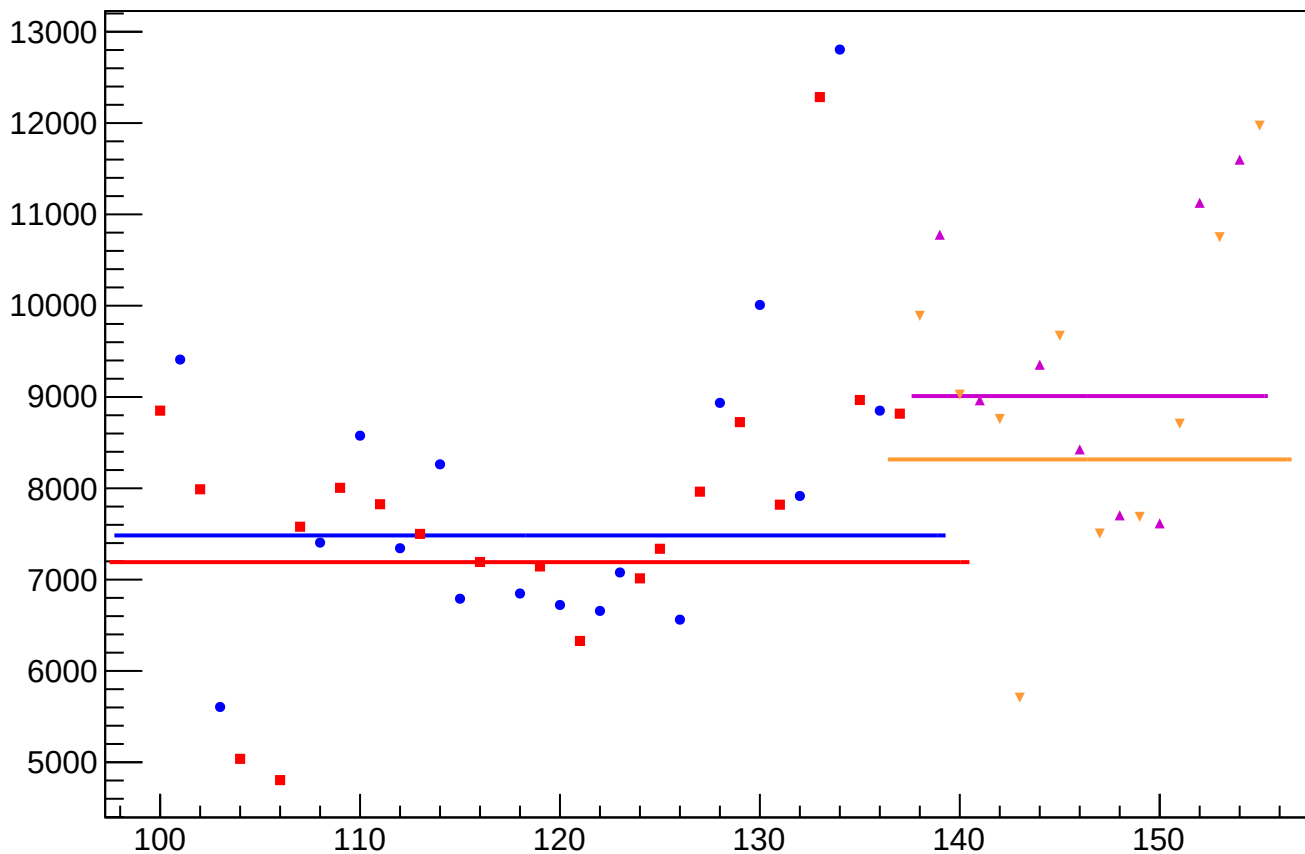
Right: 4573.057+/-2025.948 χ^2/NDF : 30.2/35

In: 3933.864+/-2264.190 χ^2/NDF : 19.4/24

Out: 1024.609+/-2086.222 χ^2/NDF : 25.4/28

All: 2360.422+/-1534.246 χ^2/NDF : 45.8/53

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7483.785 $\pm$ 2.083 χ^2 /NDF: 431806.2/16

Left Out: 8316.090 $\pm$ 2.221 χ^2 /NDF:617169.9/9

Right Out: 7191.451 $\pm$ 1.973 χ^2 /NDF: 558753.1/18

Left In: 9010.276 $\pm$ 2.502 χ^2 /NDF:300801.0/7

Left: 8622.034 $\pm$ 1.661 χ^2 /NDF: 961014.1/17

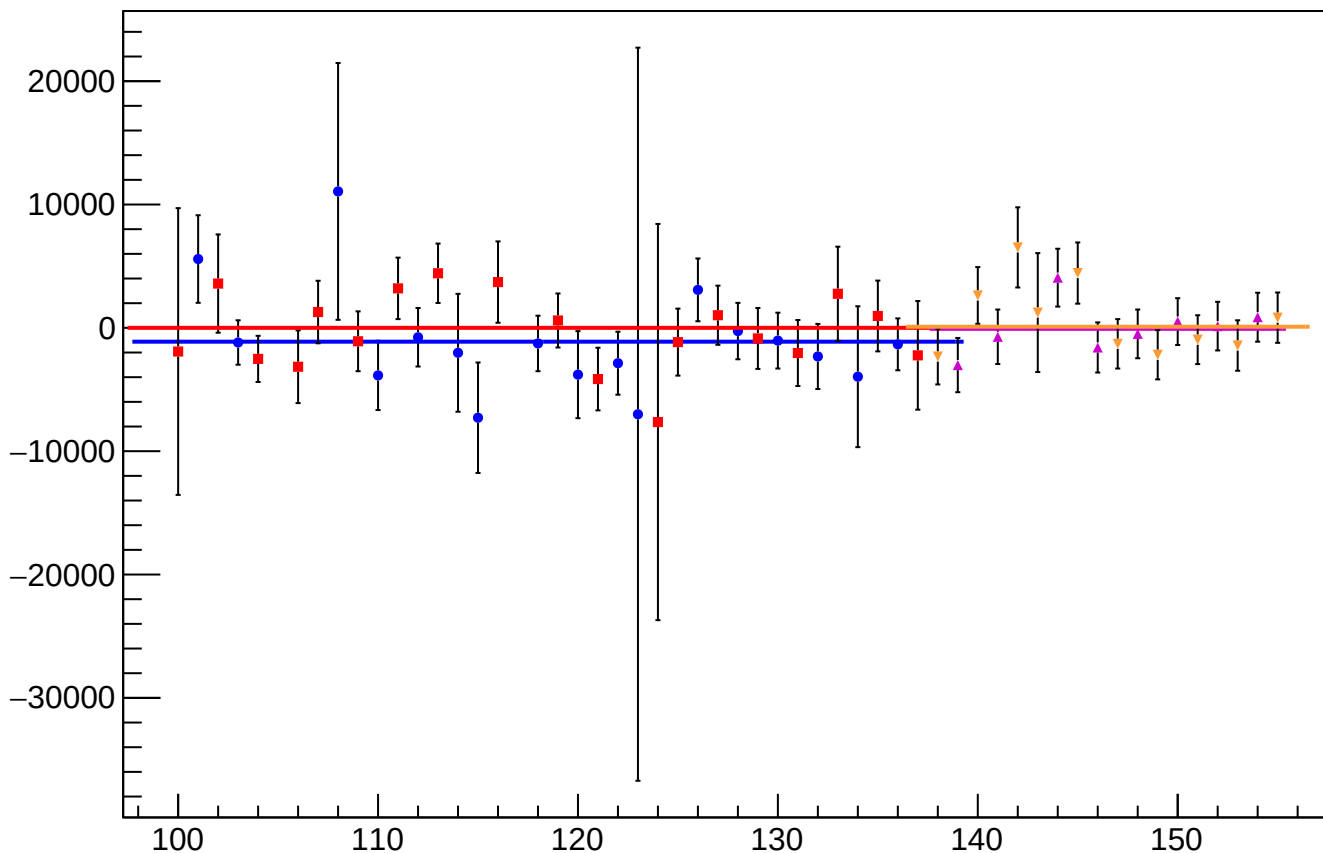
Right: 7329.673 $\pm$ 1.432 χ^2 /NDF: 1000940.7/35

In: 8108.673 $\pm$ 1.601 χ^2 /NDF:952410.7/24

Out: 7687.390 $\pm$ 1.475 χ^2 /NDF:1319221.8/28

All: 7880.814 $\pm$ 1.085 χ^2 /NDF: 2309083.1/53

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1120.496 $\pm$ 679.161 χ^2 /NDF: 12.3/16

Left Out: 92.610 $\pm$ 722.025 χ^2 /NDF:12.1/9

Right Out: 2.515 $\pm$ 639.678 χ^2 /NDF: 15.5/18

Left In: -77.821 $\pm$ 729.285 χ^2 /NDF:5.9/7

Left: 8.247 $\pm$ 513.096 χ^2 /NDF: 18.1/17

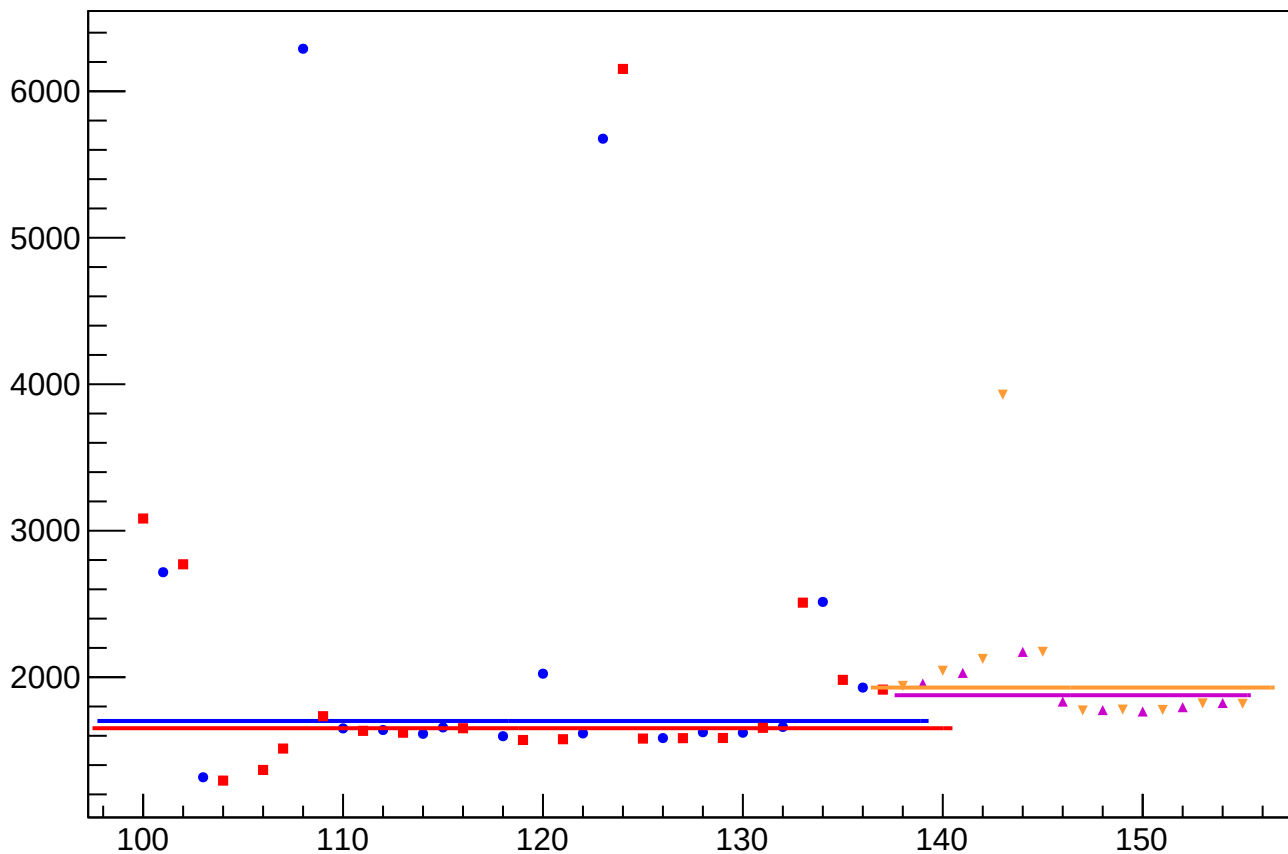
Right: -525.400 $\pm$ 465.654 χ^2 /NDF: 29.2/35

In: -636.219 $\pm$ 497.016 χ^2 /NDF:19.3/24

Out: 42.134 $\pm$ 478.799 χ^2 /NDF:27.6/28

All: -284.383 $\pm$ 344.822 χ^2 /NDF: 47.9/53

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1701.283 ± 0.480 $\chi^2/\text{NDF}: 778718.7/16$

Left Out: 1929.346 ± 0.511 $\chi^2/\text{NDF}: 422497.0/9$

Right Out: 1651.734 ± 0.452 $\chi^2/\text{NDF}: 588842.2/18$

Left In: 1876.939 ± 0.516 $\chi^2/\text{NDF}: 61906.6/7$

Left: 1903.405 ± 0.363 $\chi^2/\text{NDF}: 489619.2/17$

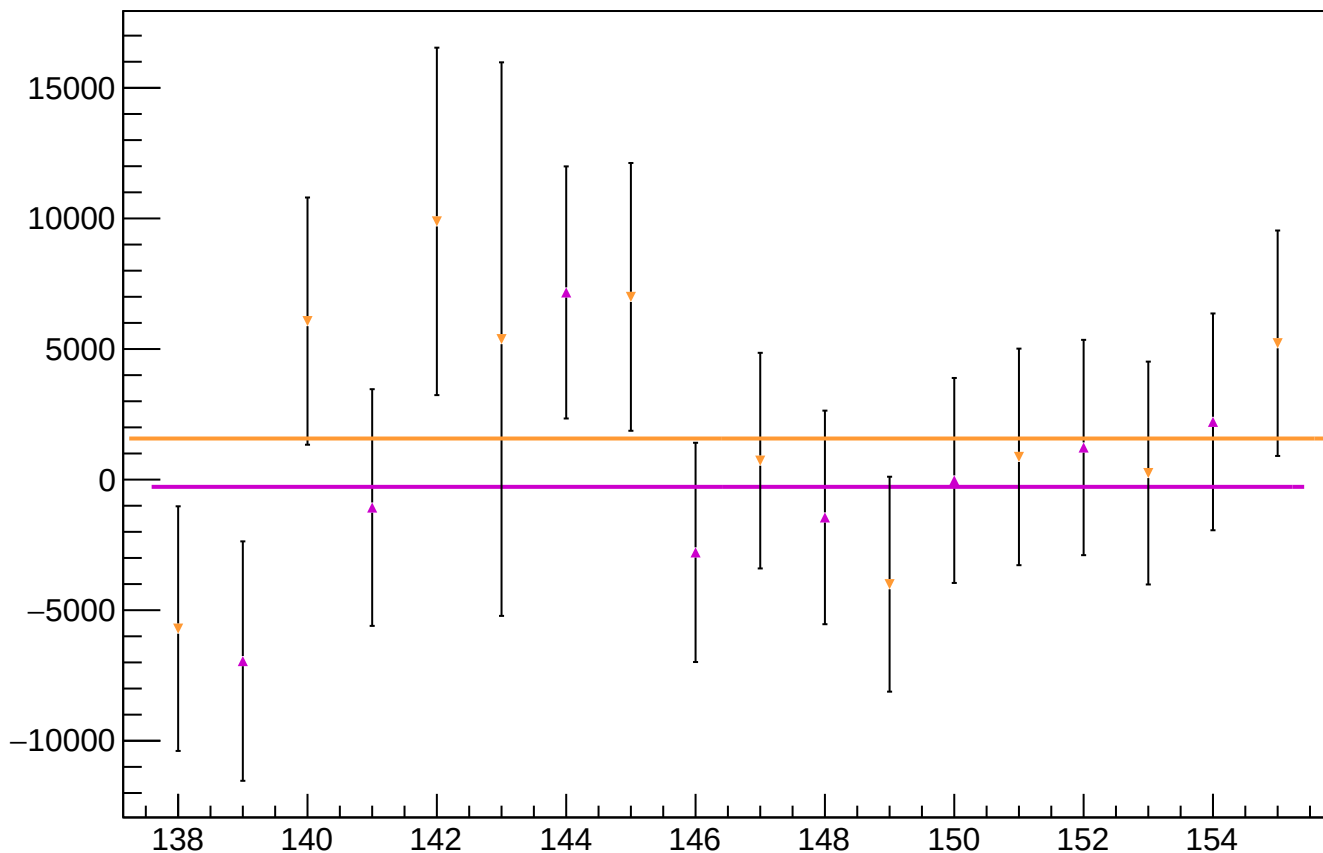
Right: 1675.026 ± 0.329 $\chi^2/\text{NDF}: 1373201.9/35$

In: 1782.868 ± 0.351 $\chi^2/\text{NDF}: 902763.7/24$

Out: 1773.813 ± 0.339 $\chi^2/\text{NDF}: 1176988.2/28$

All: 1778.171 ± 0.244 $\chi^2/\text{NDF}: 2080096.2/53$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1573.580+/-1500.246 χ^2/NDF : 8.8/9

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

Left In: -277.171+/-1511.665 χ^2/NDF : 5.5/7

Left: 655.221+/-1064.849 χ^2/NDF : 15.1/17

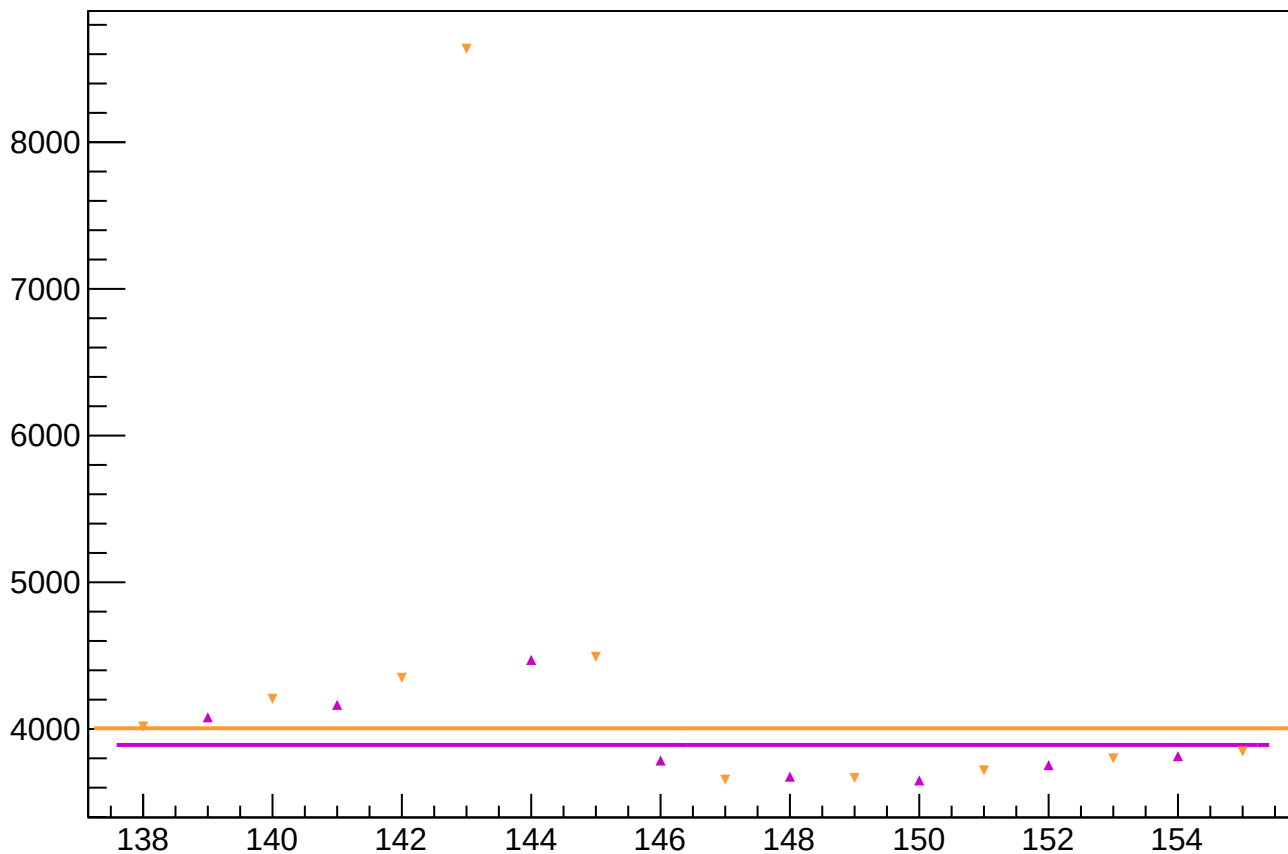
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -277.171+/-1511.665 χ^2/NDF : 5.5/7

Out: 1573.580+/-1500.246 χ^2/NDF : 8.8/9

All: 655.221+/-1064.849 χ^2/NDF : 15.1/17

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4004.706+/-1.061 χ^2/NDF :453964.7/9

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

Left In: 3891.242+/-1.069 χ^2/NDF :56884.8/7

Left: 3948.404+/-0.753 χ^2/NDF : 516526.1/17

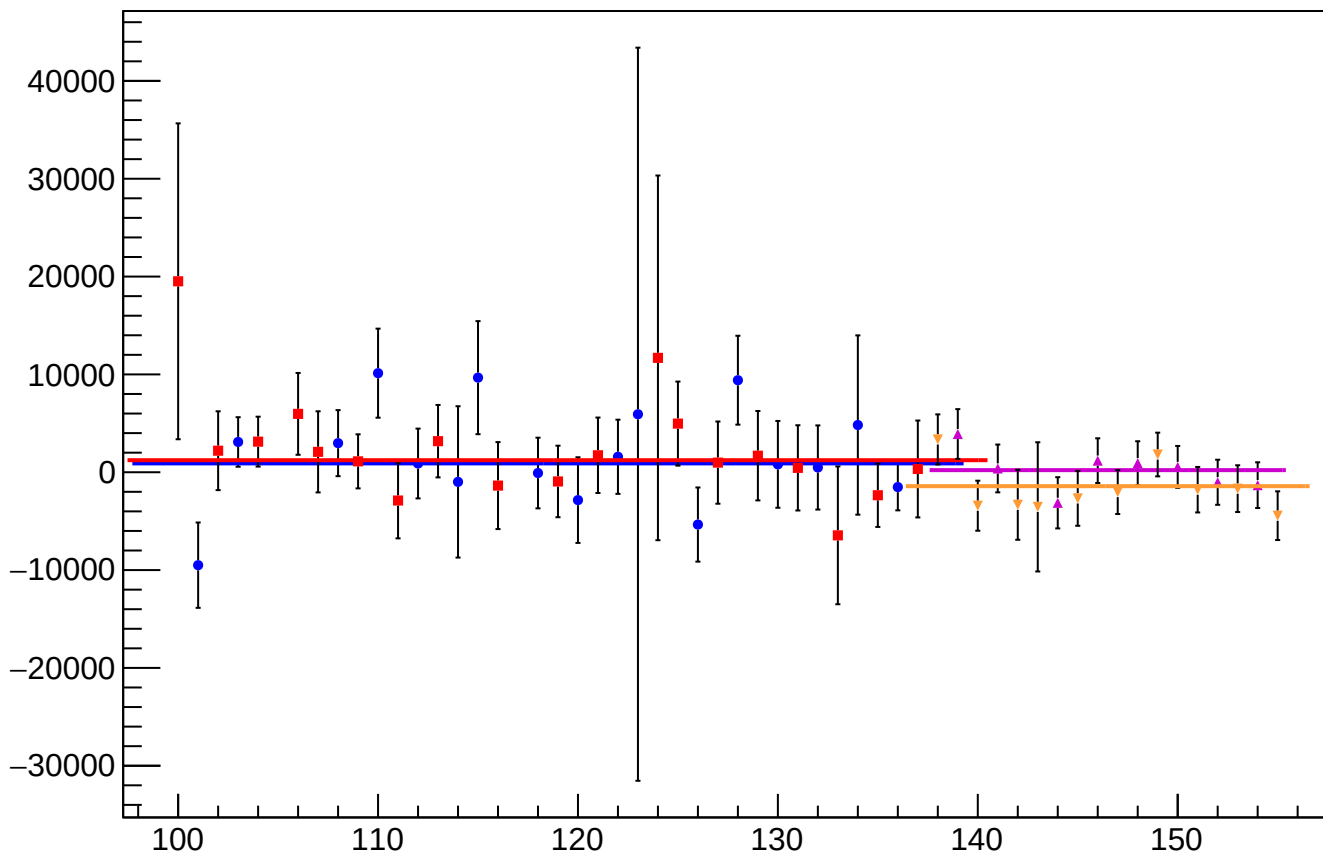
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3891.242+/-1.069 χ^2/NDF :56884.8/7

Out: 4004.706+/-1.061 χ^2/NDF :453964.7/9

All: 3948.404+/-0.753 χ^2/NDF : 516526.1/17

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274 $\pm$ 961.918 χ^2/NDF : 21.6/16

Left Out: -1425.314 $\pm$ 829.054 χ^2/NDF : 8.4/9

Right Out: 1231.015 $\pm$ 925.029 χ^2/NDF : 8.9/18

Left In: 214.654 $\pm$ 830.545 χ^2/NDF : 4.8/7

Left: -606.804 $\pm$ 586.756 χ^2/NDF : 15.1/17

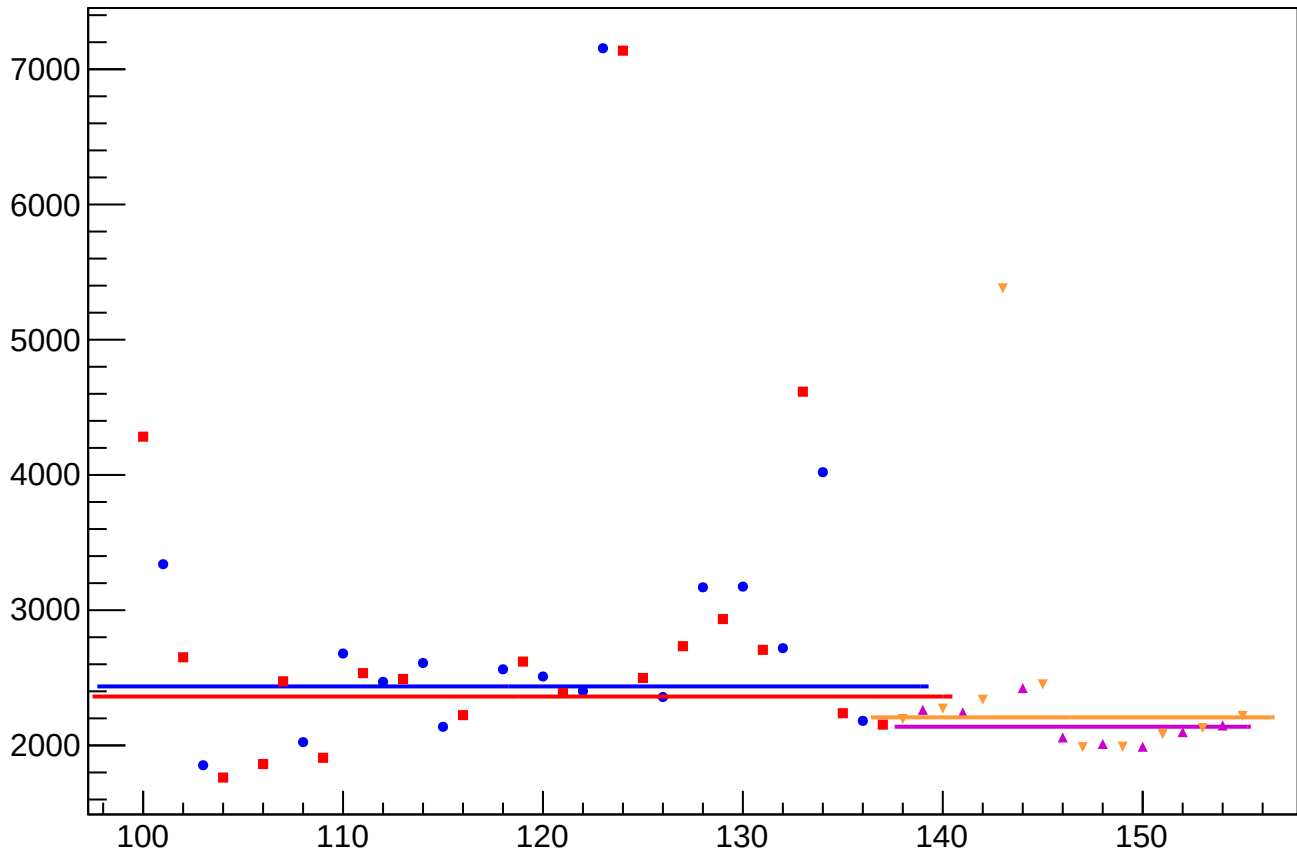
Right: 1073.549 $\pm$ 666.754 χ^2/NDF : 30.6/35

In: 508.764 $\pm$ 628.641 χ^2/NDF : 26.7/24

Out: -242.059 $\pm$ 617.382 χ^2/NDF : 21.8/28

All: 126.569 $\pm$ 440.482 χ^2/NDF : 49.2/53

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.256 $\pm$ 0.680 χ^2 /NDF: 468552.3/16

Left Out: 2207.499 $\pm$ 0.586 χ^2 /NDF: 526653.3/9

Right Out: 2361.558 $\pm$ 0.654 χ^2 /NDF: 655845.9/18

Left In: 2138.278 $\pm$ 0.587 χ^2 /NDF: 51548.3/7

Left: 2172.951 $\pm$ 0.415 χ^2 /NDF: 585160.2/17

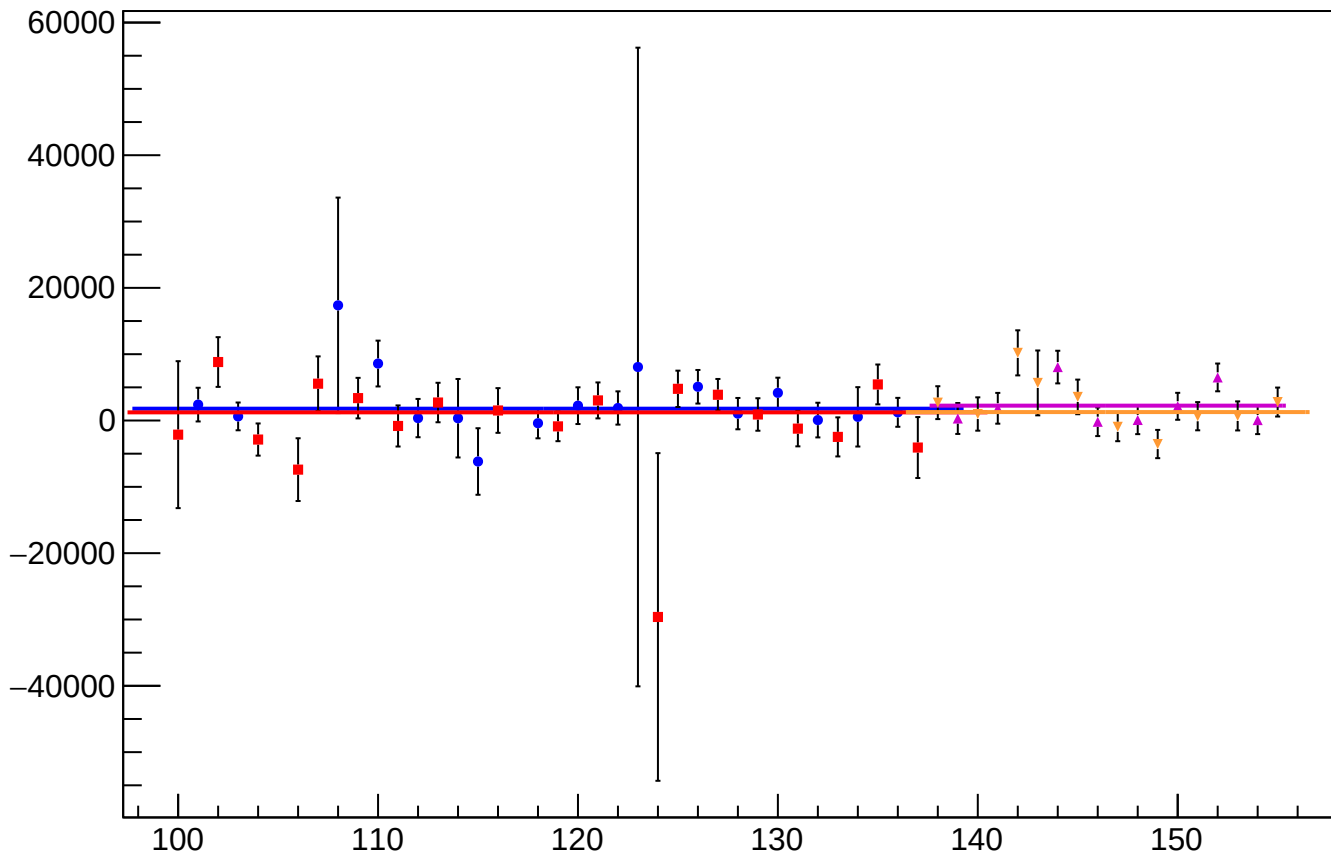
Right: 2397.448 $\pm$ 0.471 χ^2 /NDF: 1130664.2/35

In: 2265.545 $\pm$ 0.445 χ^2 /NDF: 630052.5/24

Out: 2276.125 $\pm$ 0.437 χ^2 /NDF: 1213263.1/28

All: 2270.930 $\pm$ 0.311 χ^2 /NDF: 1843603.9/53

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1783.505 $\pm$ 694.403 χ^2/NDF : 12.4/16

Left Out: 1272.452 $\pm$ 774.031 χ^2/NDF : 15.6/9

Right Out: 1229.293 $\pm$ 708.144 χ^2/NDF : 24.2/18

Left In: 2241.585 $\pm$ 775.618 χ^2/NDF : 13.8/7

Left: 1756.026 $\pm$ 547.883 χ^2/NDF : 30.2/17

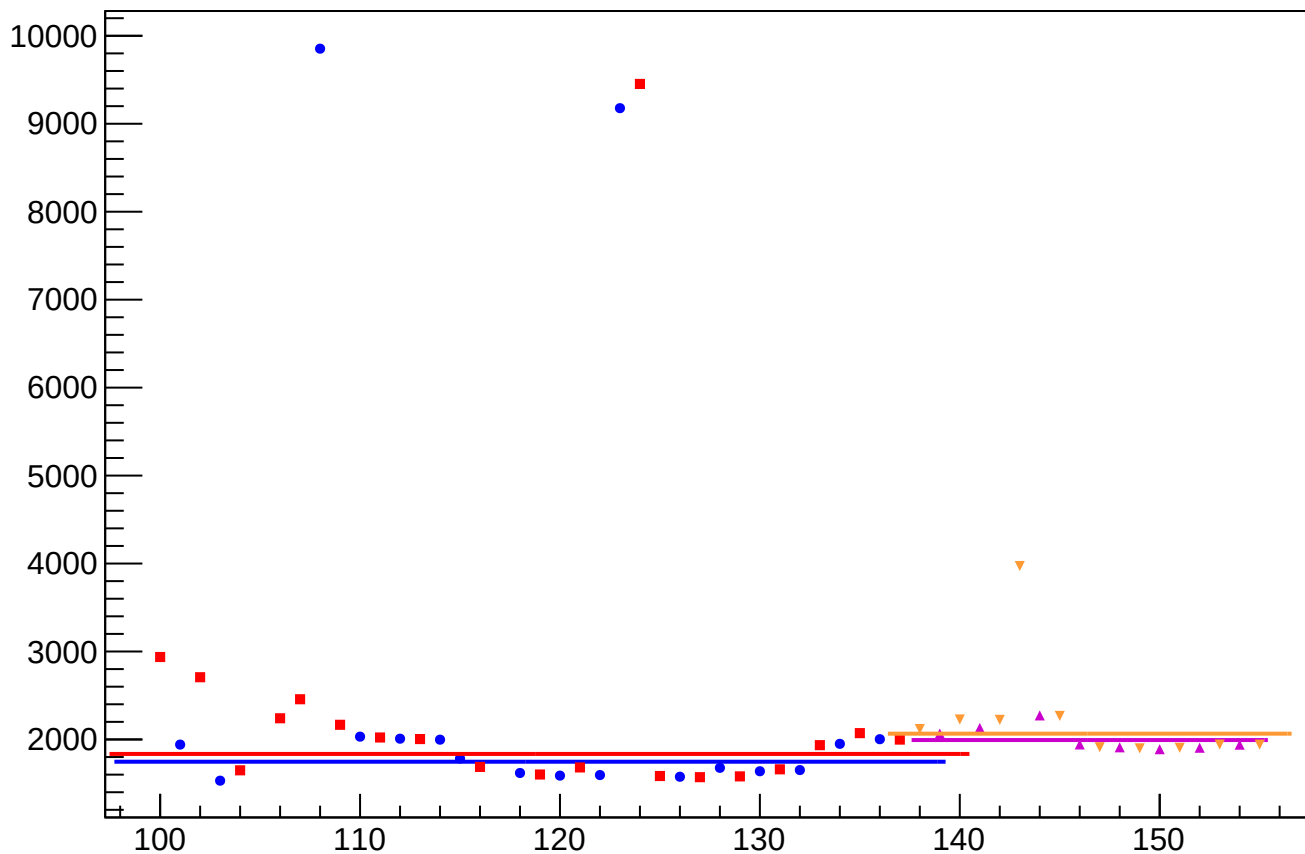
Right: 1511.828 $\pm$ 495.804 χ^2/NDF : 37.0/35

In: 1987.314 $\pm$ 517.356 χ^2/NDF : 26.4/24

Out: 1248.958 $\pm$ 522.477 χ^2/NDF : 39.9/28

All: 1621.772 $\pm$ 367.623 χ^2/NDF : 67.3/53

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2065.716+/-0.547 χ^2/NDF : 375970.8/9

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

Left In: 1993.244+/-0.548 χ^2/NDF : 49057.4/7

Left: 2029.555+/-0.387 χ^2/NDF : 433776.7/17

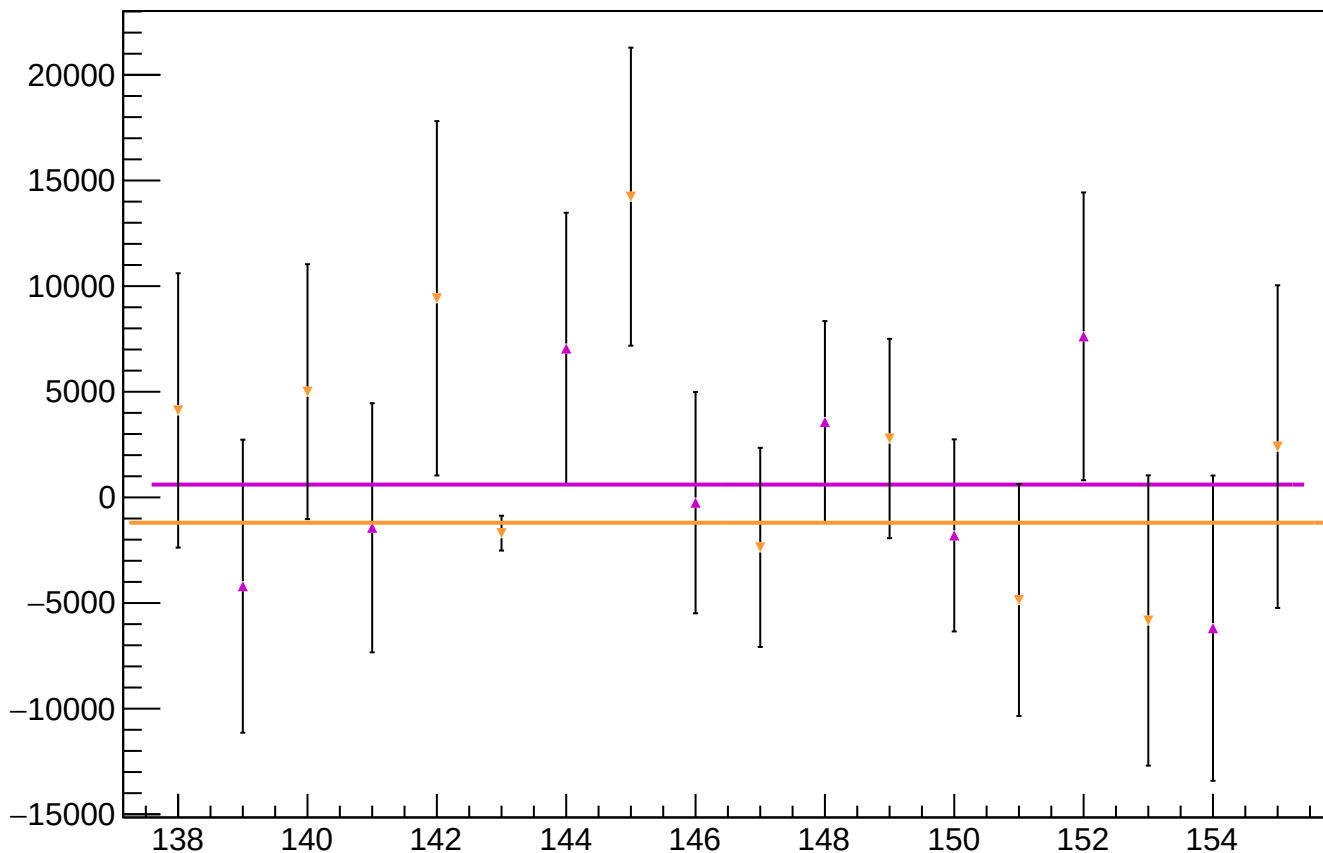
Right: 1790.310+/-0.350 χ^2/NDF : 1248859.1/35

In: 1856.468+/-0.366 χ^2/NDF : 843588.7/24

Out: 1940.211+/-0.369 χ^2/NDF : 1022862.7/28

All: 1897.954+/-0.260 χ^2/NDF : 1892411.0/53

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1198.881+/-762.787 χ^2/NDF :10.4/9

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

Left In: 607.086+/-2027.924 χ^2/NDF :4.2/7

Left: -975.038+/-713.952 χ^2/NDF : 15.3/17

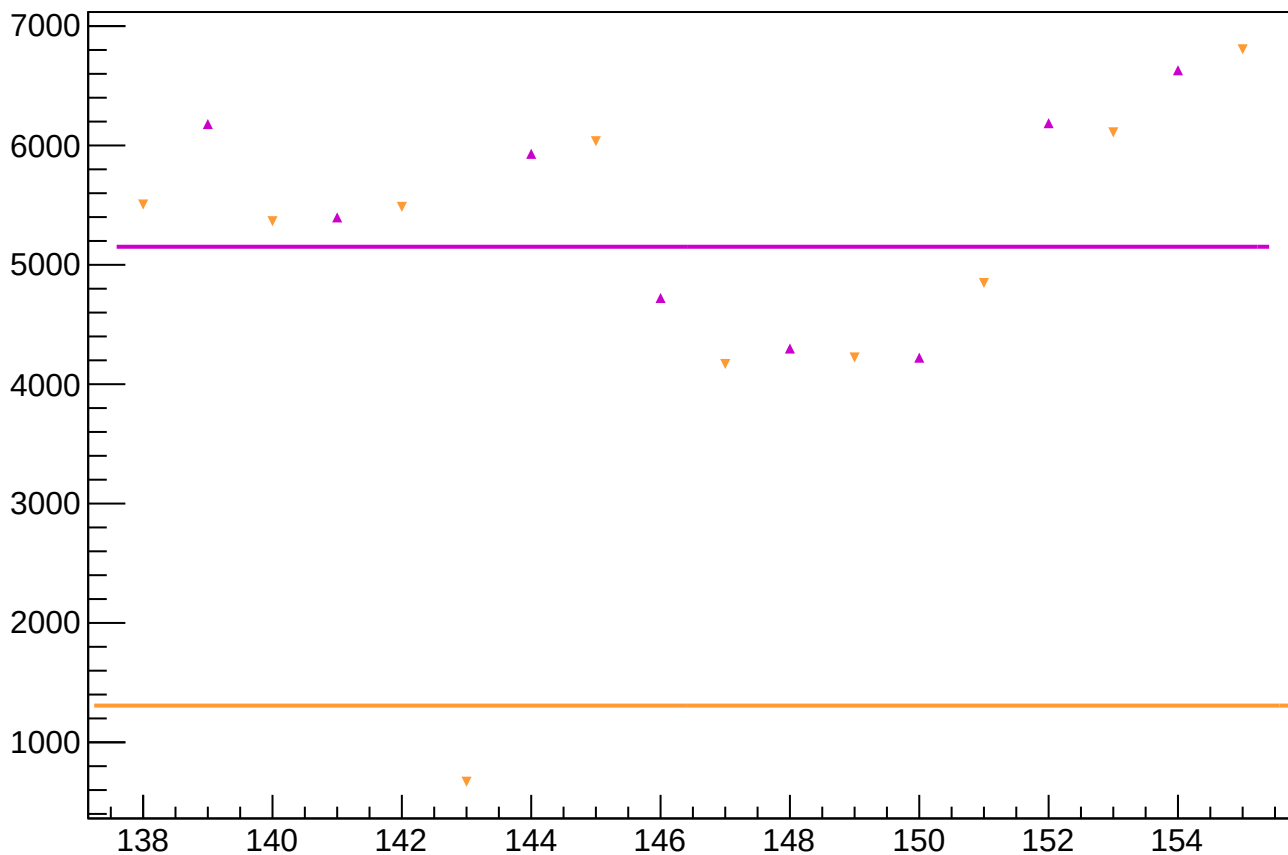
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 607.086+/-2027.924 χ^2/NDF :4.2/7

Out: -1198.881+/-762.787 χ^2/NDF :10.4/9

All: -975.038+/-713.952 χ^2/NDF : 15.3/17

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1307.662+/-0.539 χ^2/NDF :8680612.1/9

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

Left In: 5151.407+/-1.434 χ^2/NDF :367420.1/7

Left: 1784.081+/-0.505 χ^2/NDF : 15342609.1/17

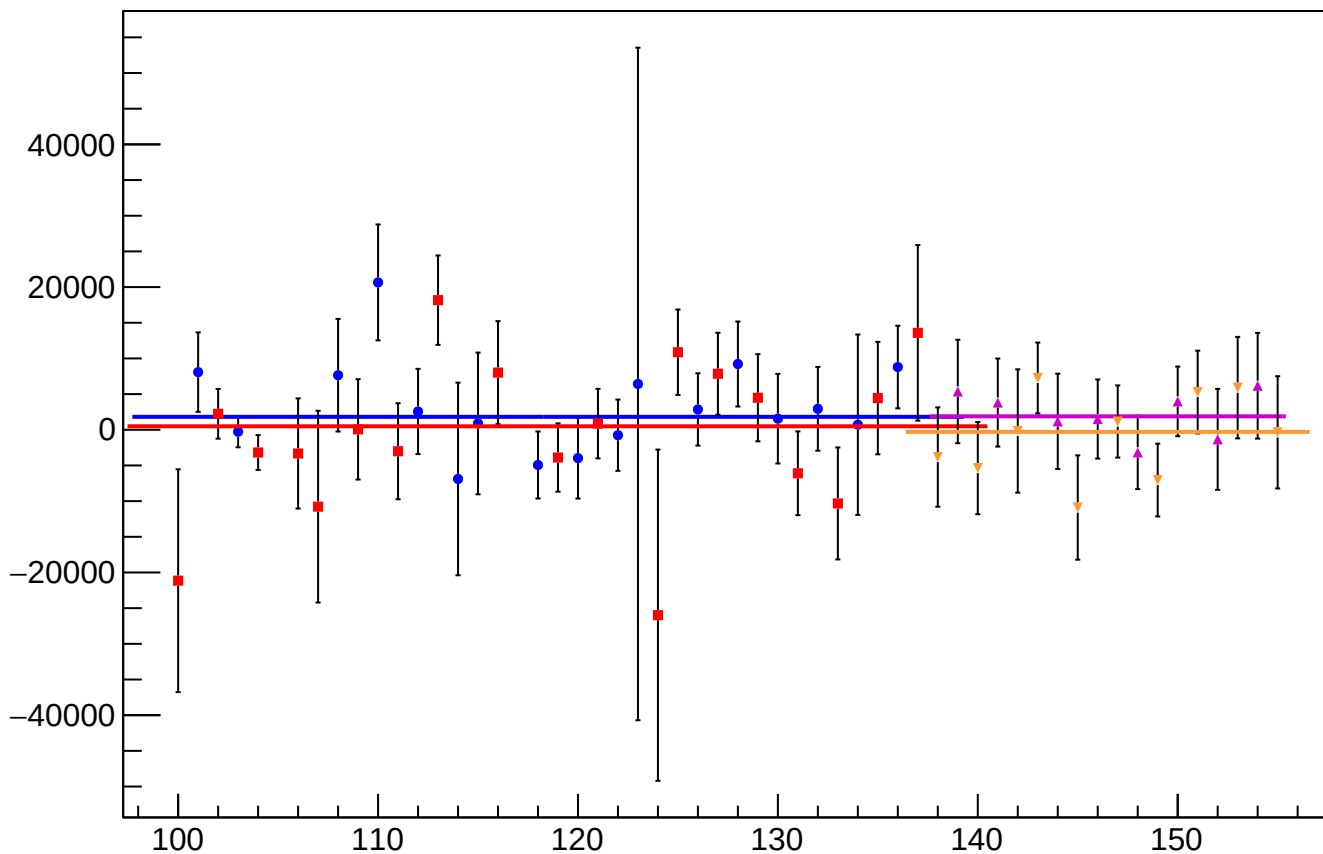
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5151.407+/-1.434 χ^2/NDF :367420.1/7

Out: 1307.662+/-0.539 χ^2/NDF :8680612.1/9

All: 1784.081+/-0.505 χ^2/NDF : 15342609.1/17

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -293.536+/-1959.234 χ^2/NDF : 8.8/9

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

Left In: 1884.101+/-2140.474 χ^2/NDF : 2.0/7

Left: 699.201+/-1445.221 χ^2/NDF : 11.4/17

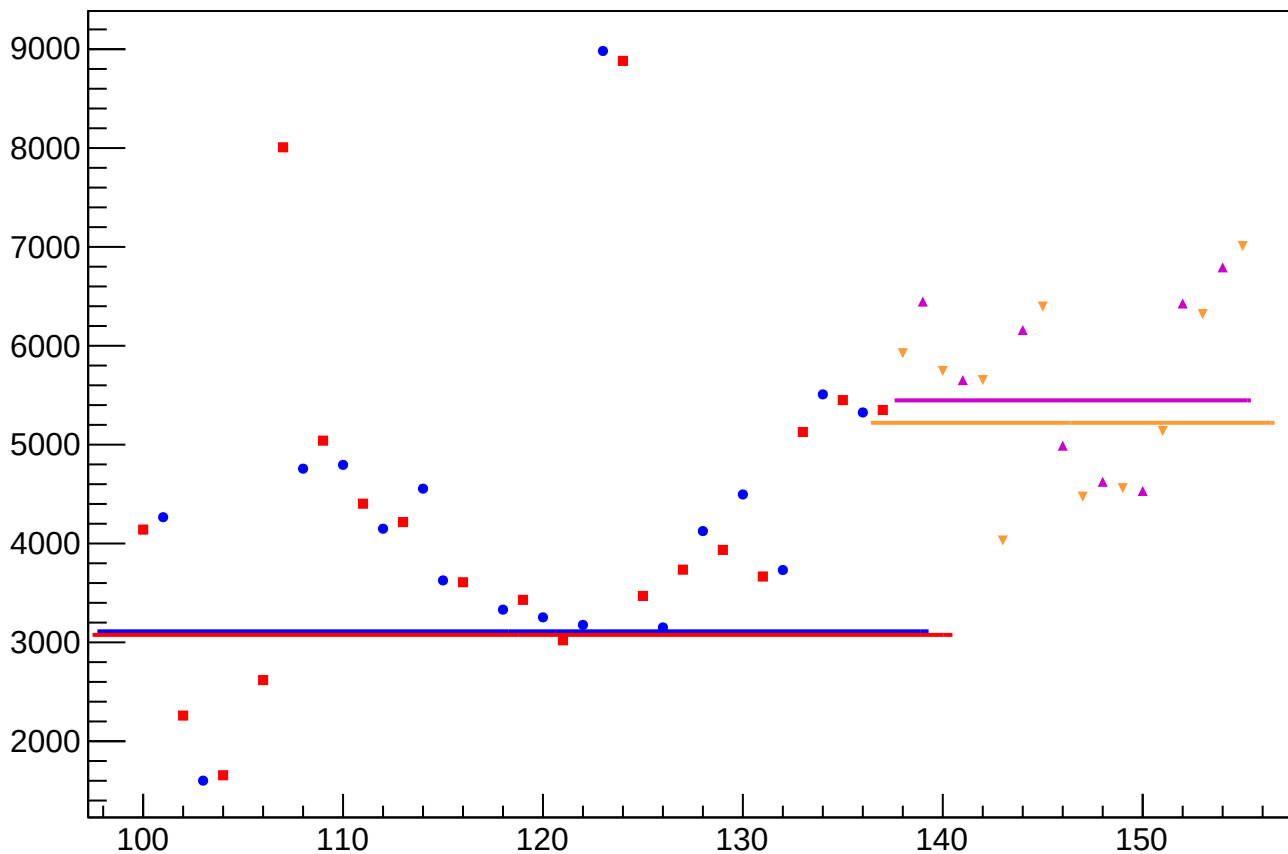
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

In: 1833.113+/-1111.944 χ^2/NDF : 17.0/24

Out: 252.907+/-1075.137 χ^2/NDF : 35.4/28

All: 1016.423+/-772.922 χ^2/NDF : 53.5/53

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5221.065+/-1.385 χ^2/NDF : 434291.6/9

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

Left In: 5447.716+/-1.514 χ^2/NDF : 302859.8/7

Left: 5324.390+/-1.022 χ^2/NDF : 749353.1/17

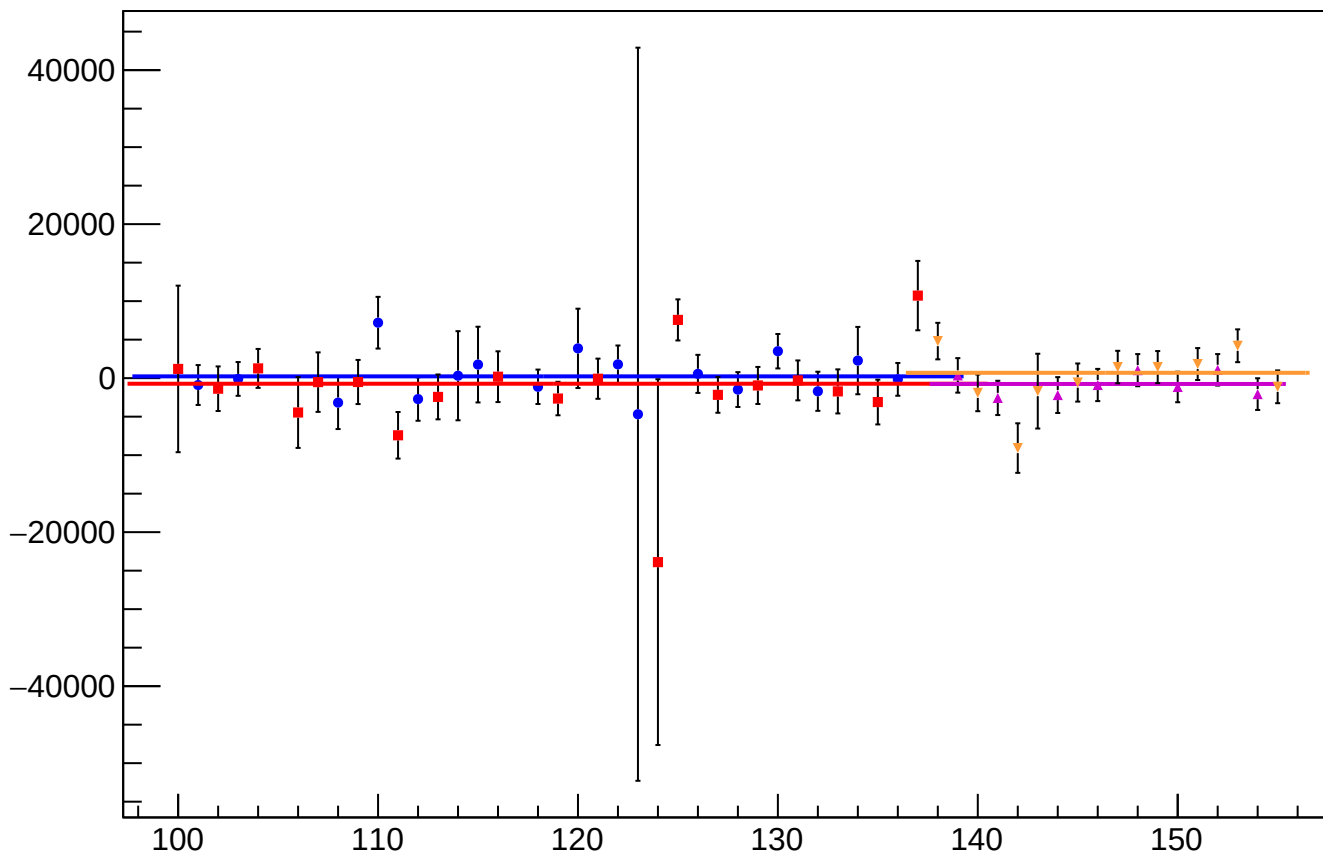
Right: 3093.209+/-0.642 χ^2/NDF : 3889323.9/35

In: 3742.001+/-0.786 χ^2/NDF : 3921326.5/24

Out: 3708.717+/-0.752 χ^2/NDF : 4134250.8/28

All: 3724.629+/-0.544 χ^2/NDF : 8056512.6/53

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 232.323 $\pm$ 686.786 χ^2/NDF : 11.5/16

Left Out: 694.153 $\pm$ 748.627 χ^2/NDF :17.9/9

Right Out: -726.169 $\pm$ 684.175 χ^2/NDF : 25.8/18

Left In: -754.818 $\pm$ 750.789 χ^2/NDF :3.3/7

Left: -28.243 $\pm$ 530.122 χ^2/NDF : 23.1/17

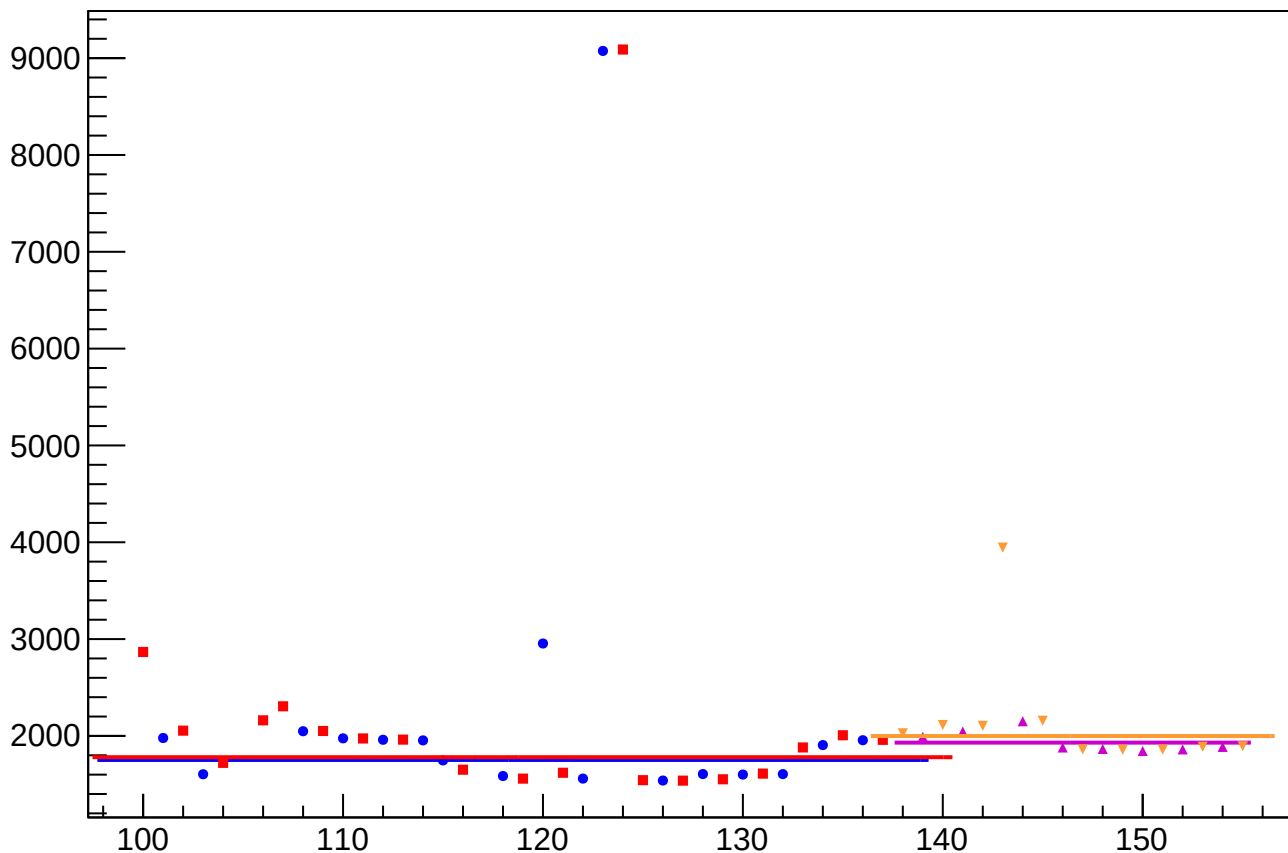
Right: -248.748 $\pm$ 484.705 χ^2/NDF : 38.3/35

In: -217.385 $\pm$ 506.750 χ^2/NDF :15.8/24

Out: -79.770 $\pm$ 505.036 χ^2/NDF :45.7/28

All: -148.344 $\pm$ 357.719 χ^2/NDF : 61.5/53

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1998.517+/-0.529 χ^2/NDF : 373450.0/9

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

Left In: 1930.774+/-0.531 χ^2/NDF : 34901.4/7

Left: 1964.743+/-0.375 χ^2/NDF : 416516.0/17

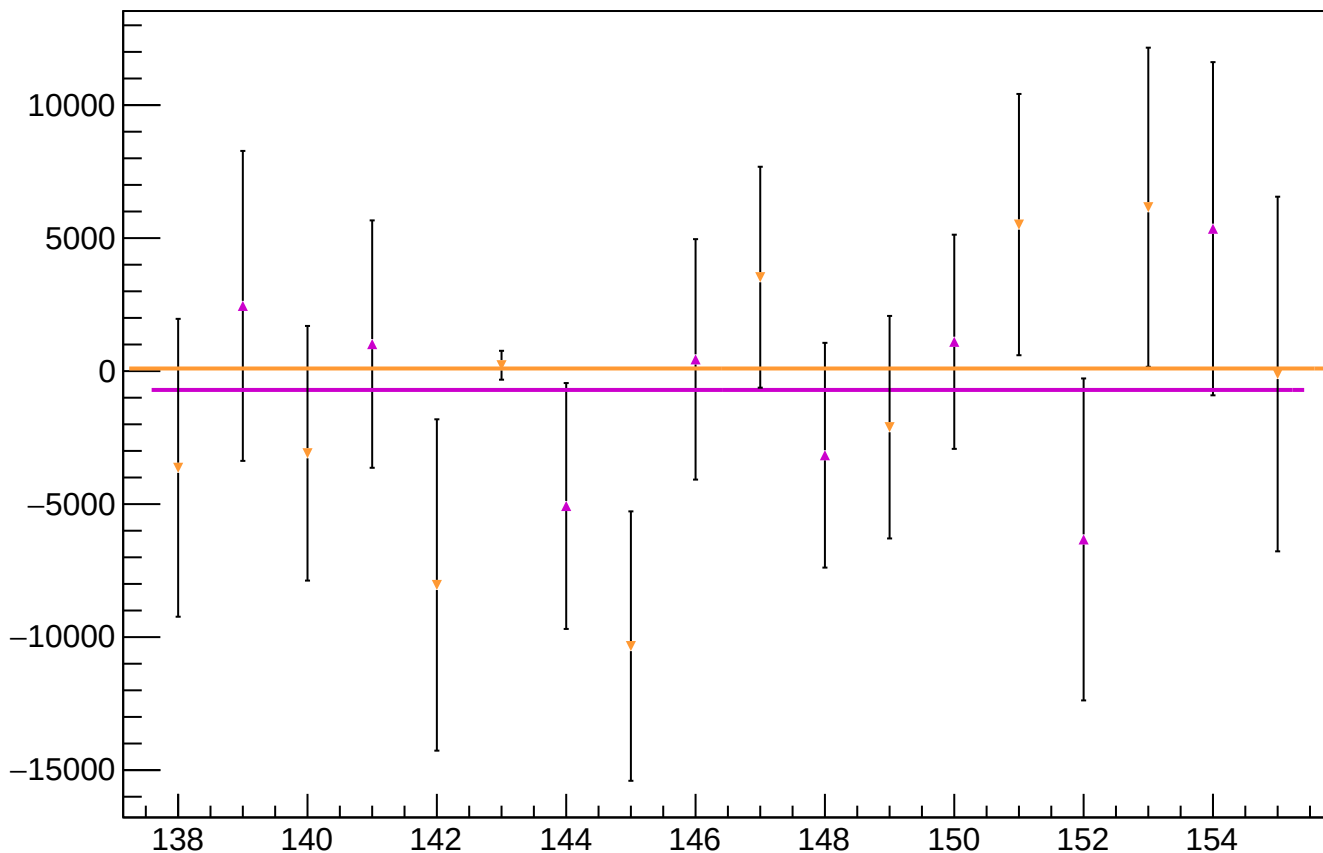
Right: 1766.106+/-0.342 χ^2/NDF : 730940.0/35

In: 1833.362+/-0.358 χ^2/NDF : 397640.8/24

Out: 1879.391+/-0.357 χ^2/NDF : 894583.3/28

All: 1856.474+/-0.253 χ^2/NDF : 1300509.4/53

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 98.337+/-517.106 χ^2/NDF :10.1/9

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

Left In: -707.772+/-1709.943 χ^2/NDF :3.7/7

Left: 30.793+/-494.968 χ^2/NDF : 14.0/17

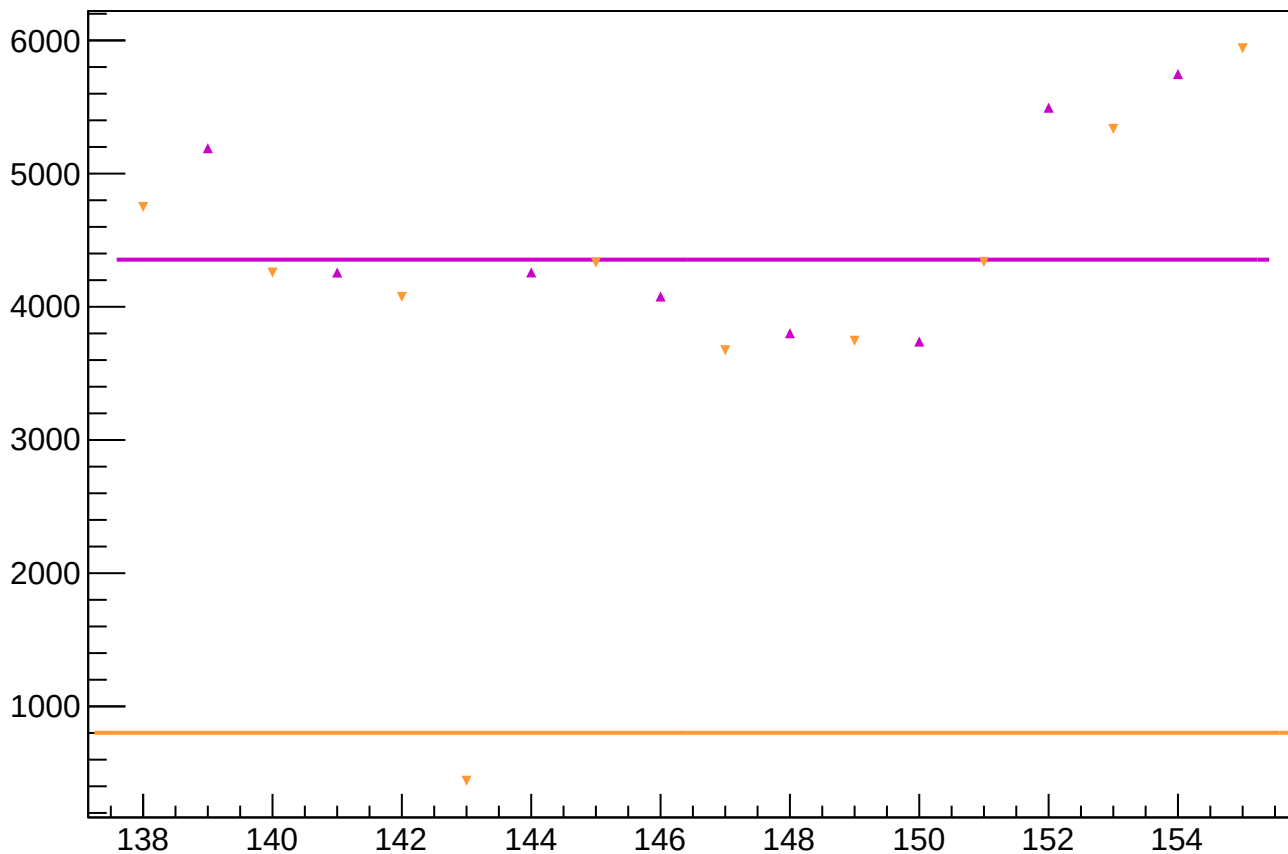
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -707.772+/-1709.943 χ^2/NDF :3.7/7

Out: 98.337+/-517.106 χ^2/NDF :10.1/9

All: 30.793+/-494.968 χ^2/NDF : 14.0/17

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 801.815+/-0.366 χ^2 /NDF:9753927.9/9

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

Left In: 4354.001+/-1.209 χ^2 /NDF:301363.8/7

Left: 1099.451+/-0.350 χ^2 /NDF: 17963046.8/17

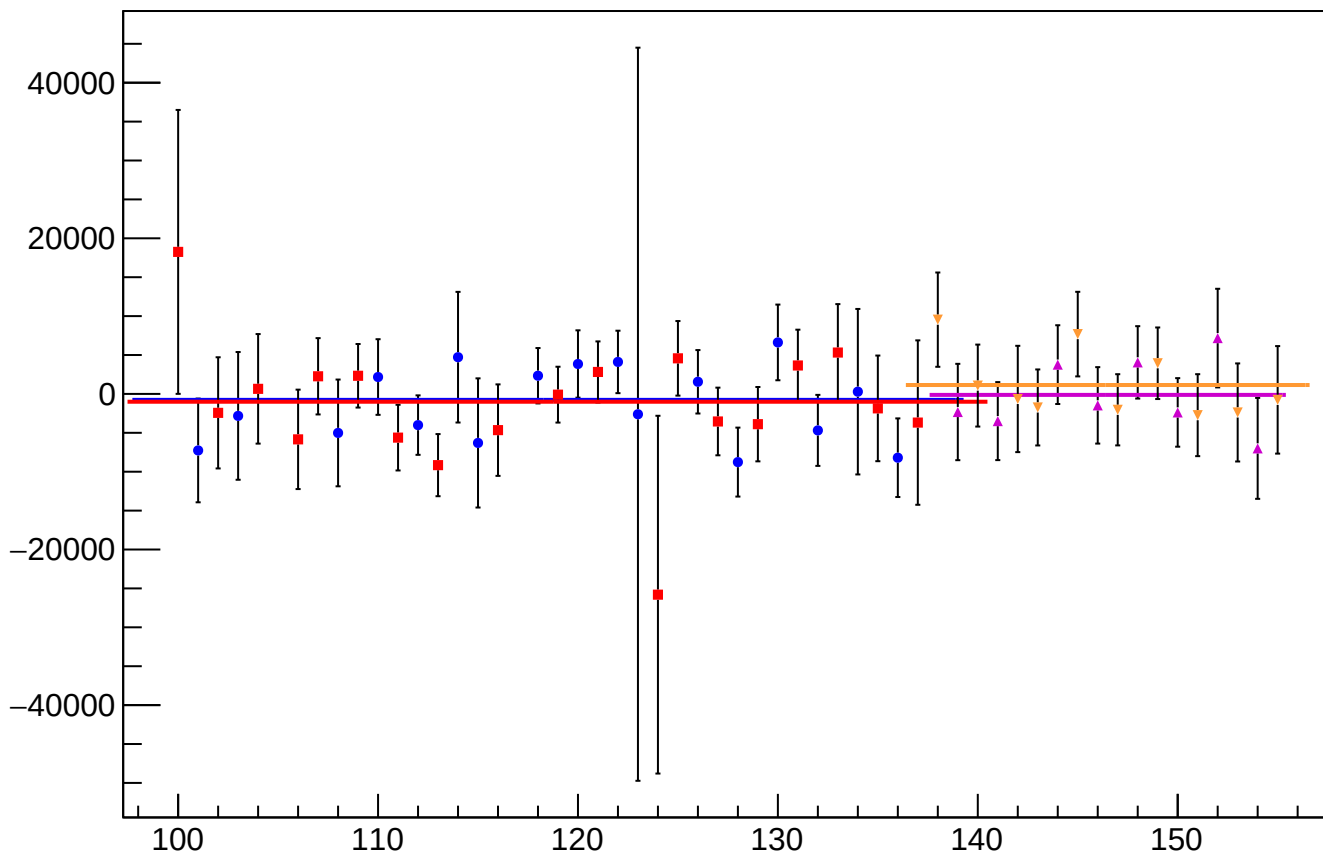
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 4354.001+/-1.209 χ^2 /NDF:301363.8/7

Out: 801.815+/-0.366 χ^2 /NDF:9753927.9/9

All: 1099.451+/-0.350 χ^2 /NDF: 17963046.8/17

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1143.429+/-1720.951 χ^2/NDF : 5.6/9

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

Left In: -126.206+/-1848.333 χ^2/NDF : 4.8/7

Left: 553.865+/-1259.523 χ^2/NDF : 10.6/17

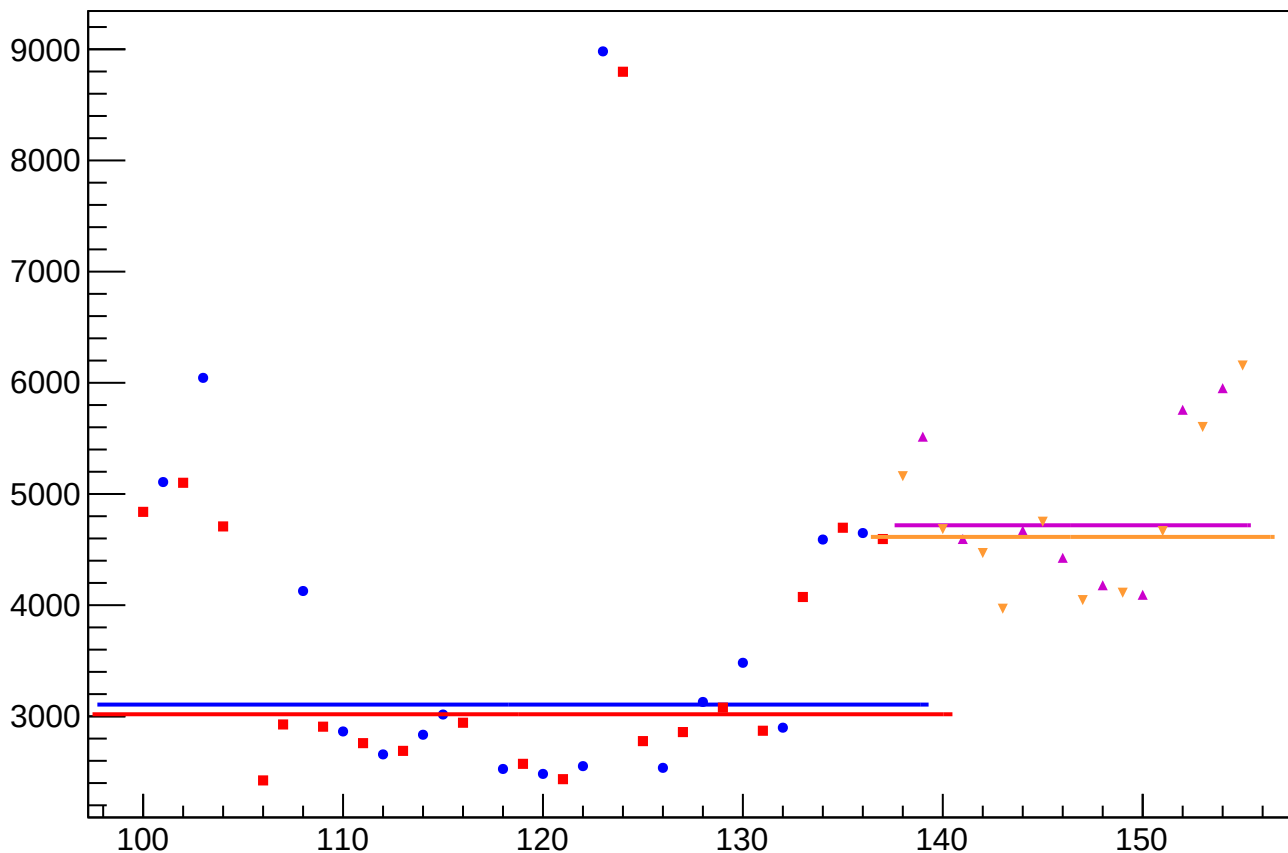
Right: -890.508+/-861.557 χ^2/NDF : 30.6/35

In: -565.107+/-1034.137 χ^2/NDF : 20.4/24

Out: -309.014+/-979.409 χ^2/NDF : 21.6/28

All: -430.105+/-711.108 χ^2/NDF : 42.0/53

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3105.849 $\pm$ 0.882 χ^2 /NDF: 959826.4/16

Left Out: 4613.975 $\pm$ 1.217 χ^2 /NDF:257360.2/9

Right Out: 3018.781 $\pm$ 0.832 χ^2 /NDF: 794275.0/18

Left In: 4718.562 $\pm$ 1.307 χ^2 /NDF:234786.7/7

Left: 4662.541 $\pm$ 0.891 χ^2 /NDF: 495576.9/17

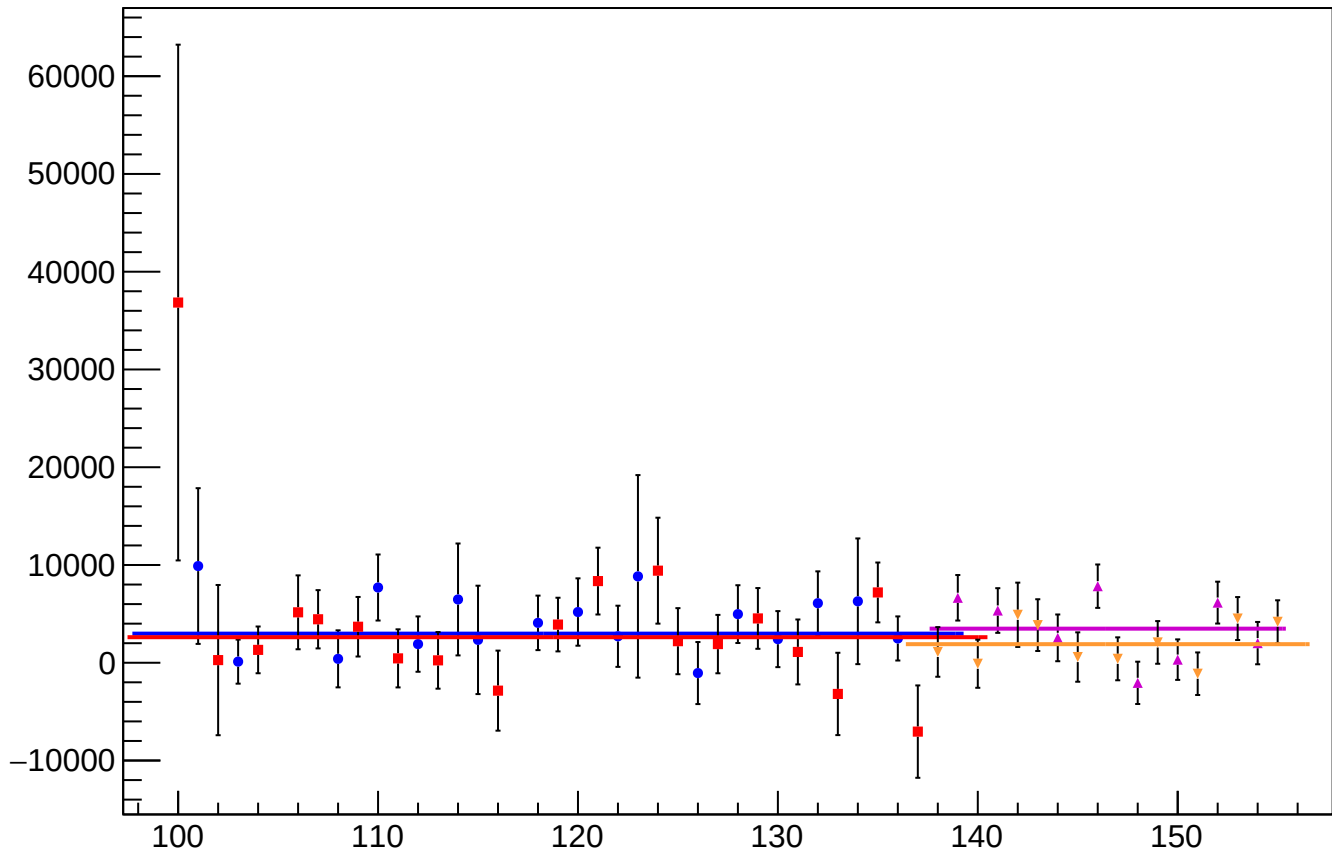
Right: 3059.752 $\pm$ 0.605 χ^2 /NDF: 1759257.8/35

In: 3610.685 $\pm$ 0.731 χ^2 /NDF:2240580.2/24

Out: 3526.725 $\pm$ 0.687 χ^2 /NDF:2222849.4/28

All: 3566.069 $\pm$ 0.501 χ^2 /NDF: 4470435.1/53

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1901.224+/-754.927 χ^2/NDF : 7.3/9

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

Left In: 3487.598+/-782.814 χ^2/NDF : 17.4/7

Left: 2665.651+/-543.406 χ^2/NDF : 26.8/17

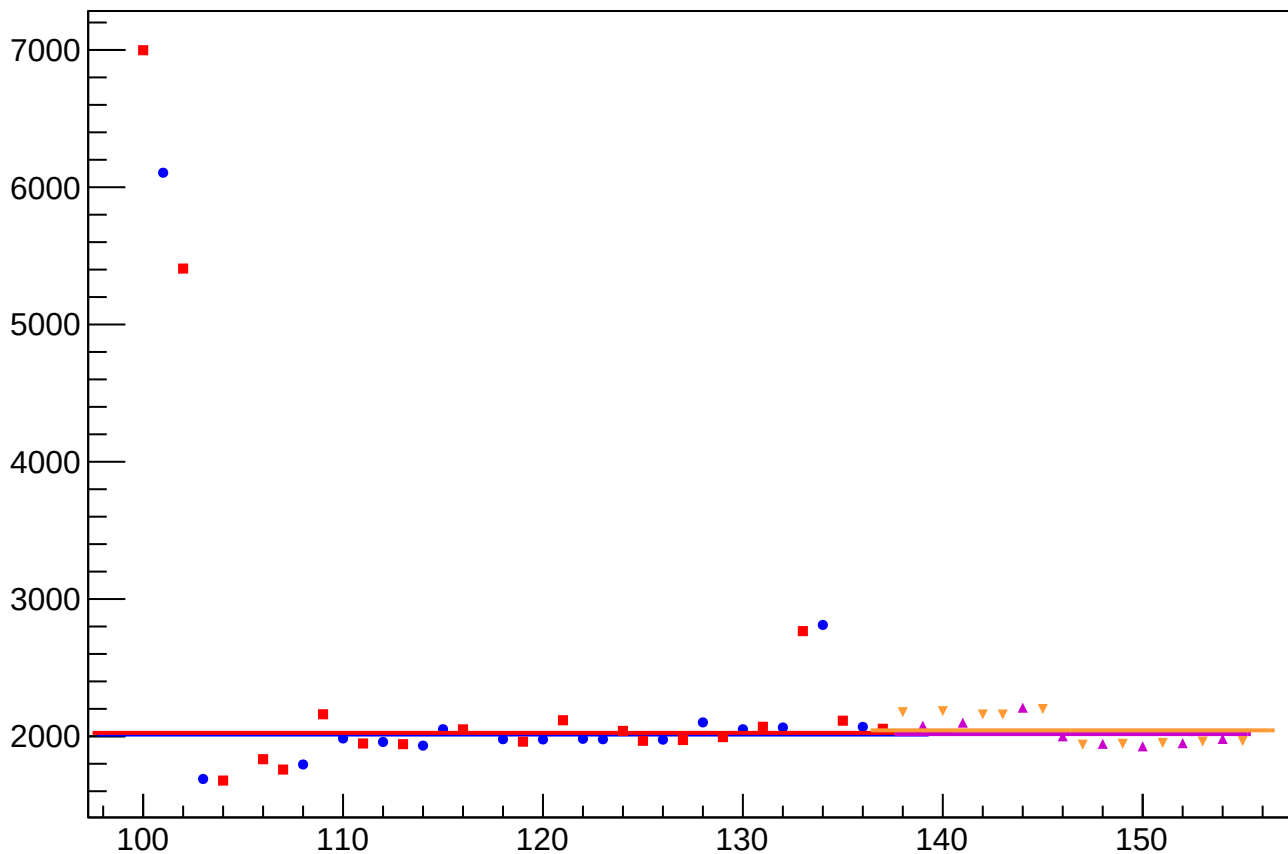
Right: 2793.353+/-558.079 χ^2/NDF : 29.6/35

In: 3237.081+/-557.929 χ^2/NDF : 27.5/24

Out: 2244.445+/-543.544 χ^2/NDF : 27.3/28

All: 2727.801+/-389.330 χ^2/NDF : 56.4/53

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2043.537+/-0.534 χ^2/NDF : 43156.9/9

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

Left In: 2016.149+/-0.554 χ^2/NDF : 25374.1/7

Left: 2030.339+/-0.384 χ^2/NDF : 69799.4/17

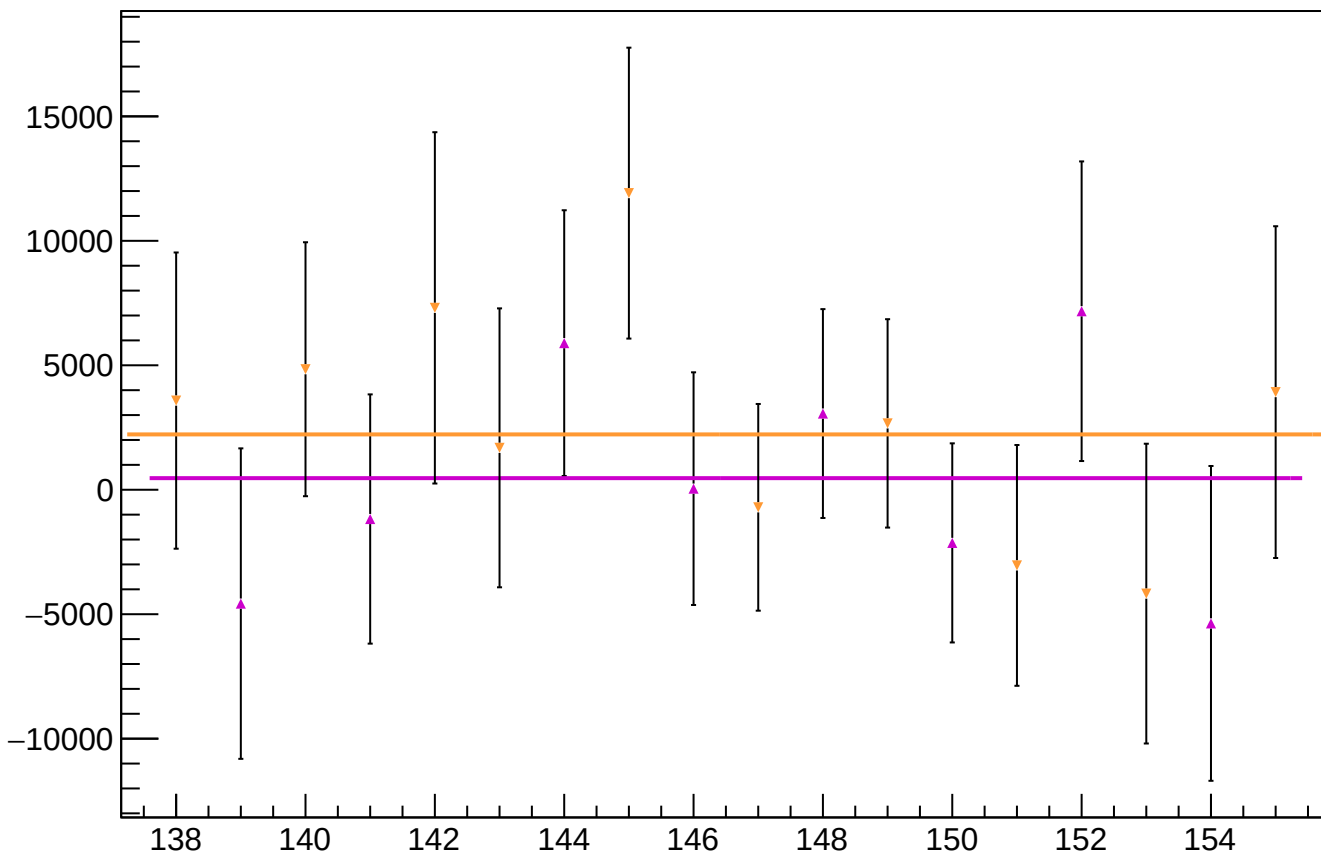
Right: 2019.103+/-0.395 χ^2/NDF : 1215366.0/35

In: 2014.573+/-0.395 χ^2/NDF : 643098.0/24

Out: 2034.640+/-0.384 χ^2/NDF : 641156.0/28

All: 2024.870+/-0.275 χ^2/NDF : 1285581.7/53

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2223.401+/-1676.446 χ^2/NDF :6.5/9

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

Left In: 466.116+/-1772.091 χ^2/NDF :4.7/7

Left: 1393.459+/-1217.836 χ^2/NDF : 11.7/17

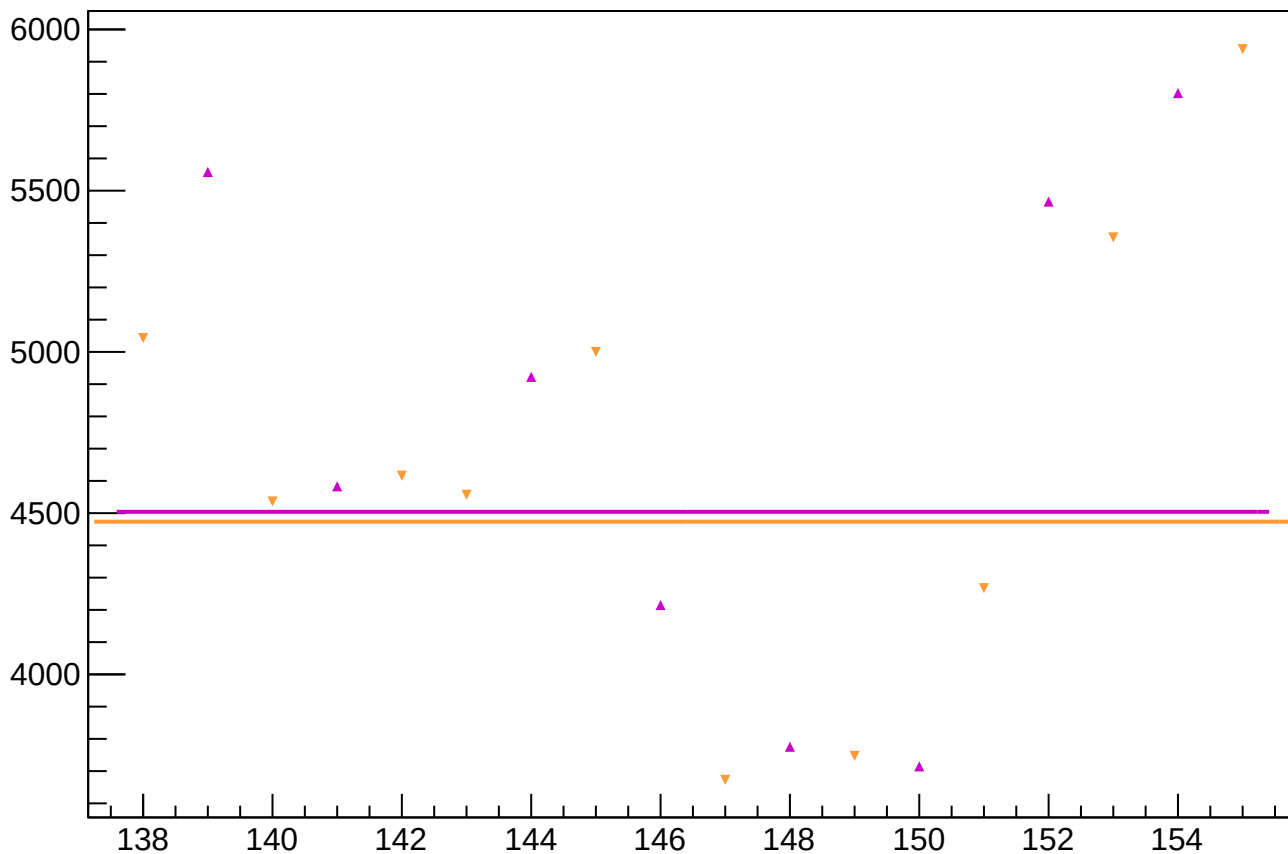
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 466.116+/-1772.091 χ^2/NDF :4.7/7

Out: 2223.401+/-1676.446 χ^2/NDF :6.5/9

All: 1393.459+/-1217.836 χ^2/NDF : 11.7/17

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4473.591+/-1.185 χ^2/NDF :313861.9/9

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

Left In: 4504.143+/-1.253 χ^2/NDF :351221.8/7

Left: 4488.020+/-0.861 χ^2/NDF : 665397.5/17

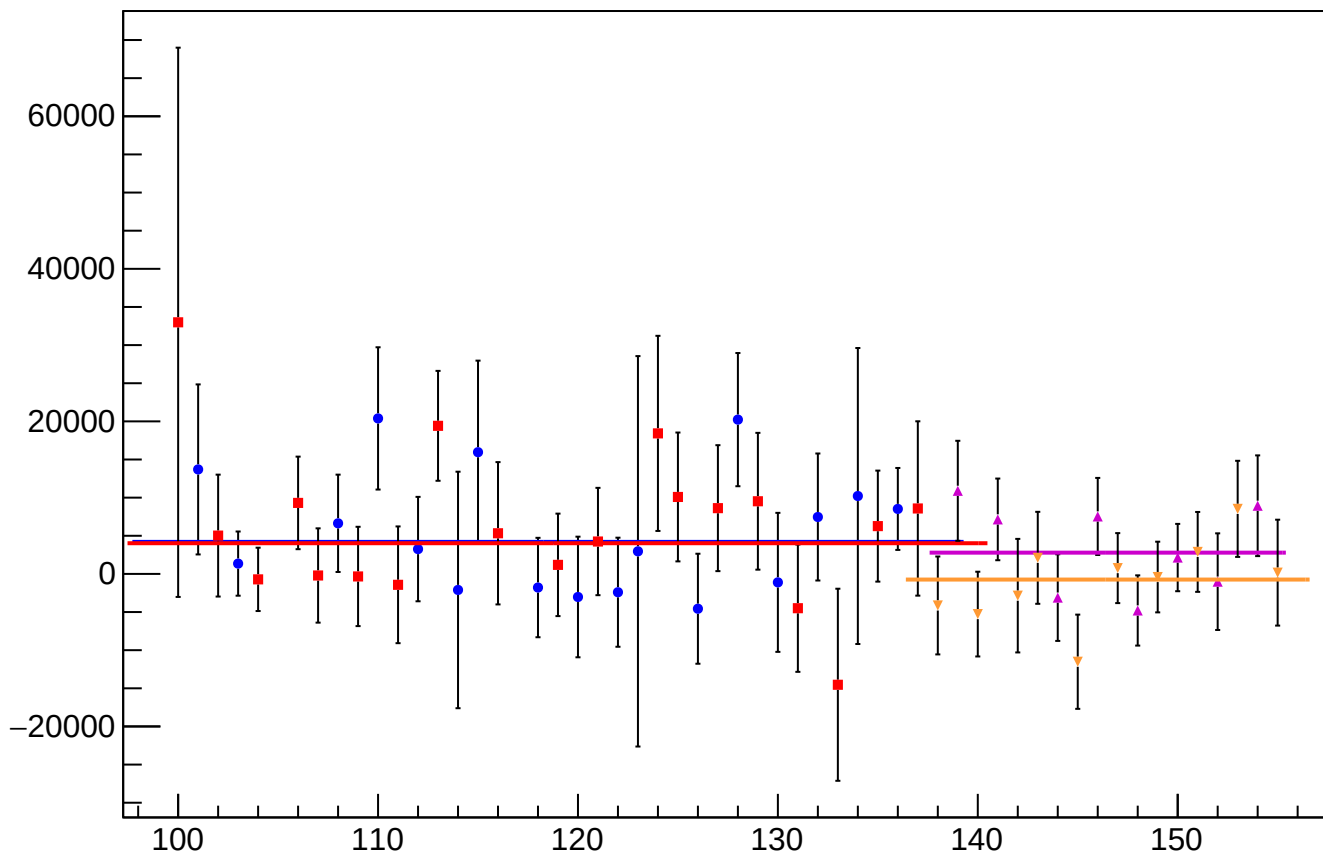
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4504.143+/-1.253 χ^2/NDF :351221.8/7

Out: 4473.591+/-1.185 χ^2/NDF :313861.9/9

All: 4488.020+/-0.861 χ^2/NDF : 665397.5/17

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -740.723+/-1811.017 χ^2/NDF : 7.1/9

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

Left In: 2787.576+/-1907.948 χ^2/NDF : 8.1/7

Left: 931.527+/-1313.513 χ^2/NDF : 17.0/17

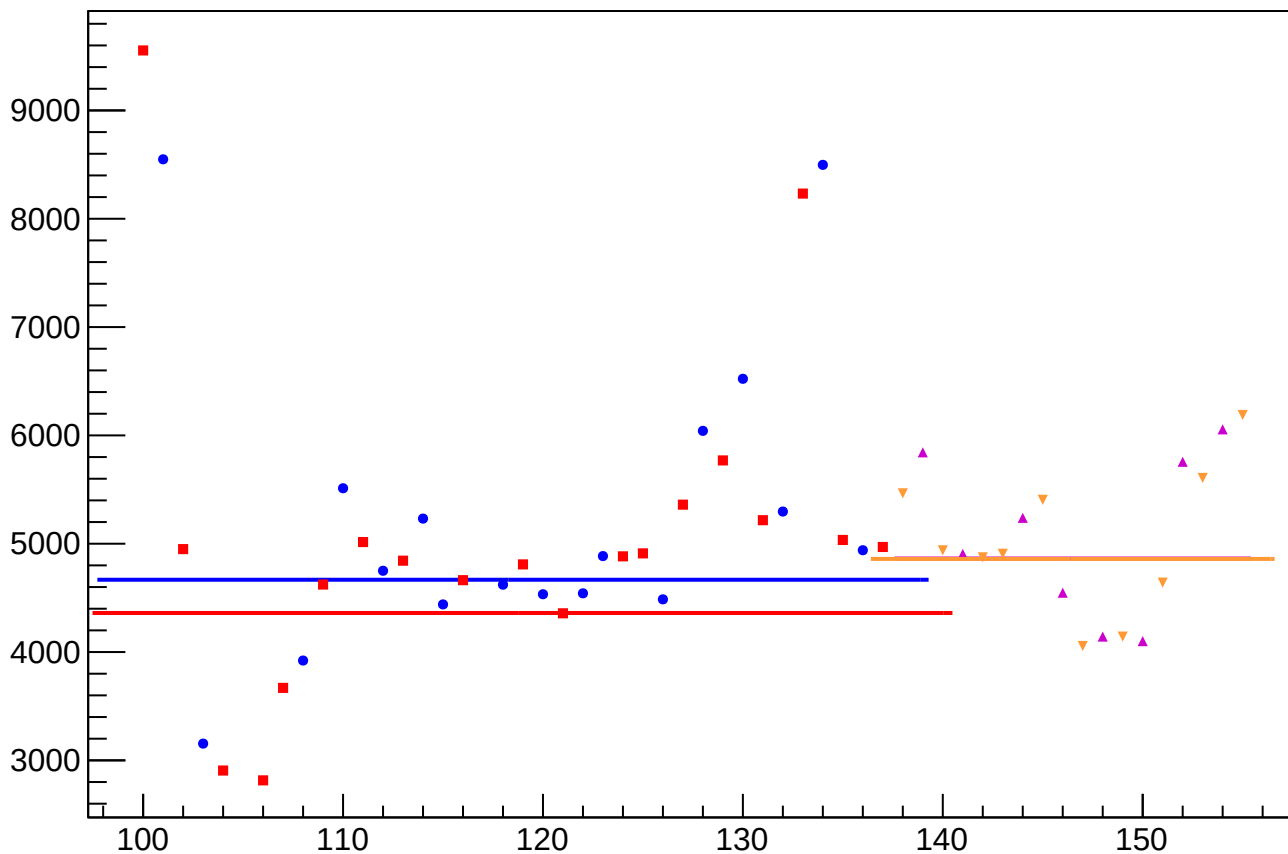
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

In: 3511.962+/-1331.040 χ^2/NDF : 22.5/24

Out: 1757.051+/-1249.133 χ^2/NDF : 25.5/28

All: 2578.853+/-910.851 χ^2/NDF : 49.0/53

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4859.687+/-1.281 χ^2/NDF : 248076.8/9

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

Left In: 4863.460+/-1.349 χ^2/NDF : 275080.5/7

Left: 4861.475+/-0.929 χ^2/NDF : 523161.4/17

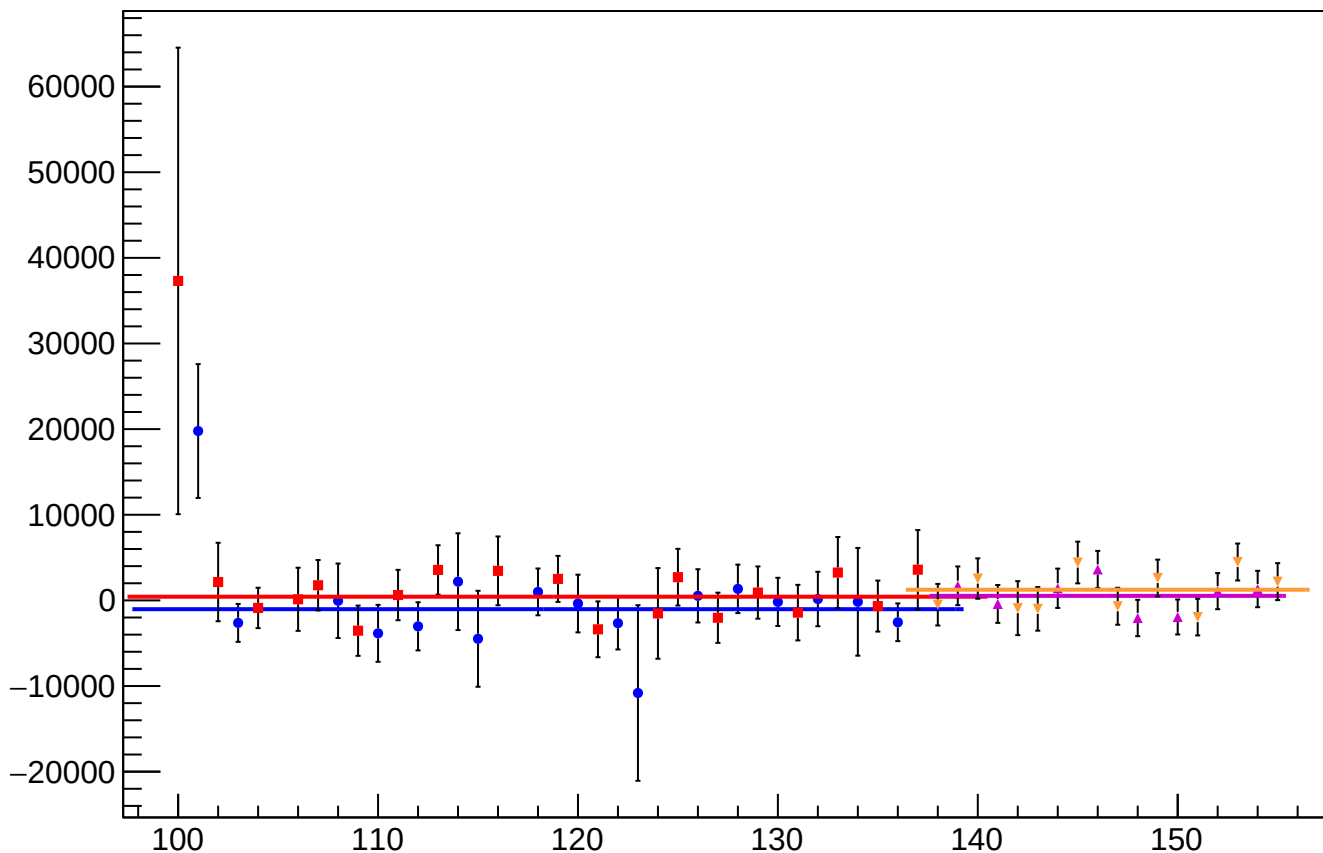
Right: 4501.800+/-0.891 χ^2/NDF : 1640064.7/35

In: 4762.856+/-0.941 χ^2/NDF : 1063771.3/24

Out: 4596.586+/-0.881 χ^2/NDF : 1160897.1/28

All: 4674.196+/-0.643 χ^2/NDF : 2241309.7/53

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1027.051 $\pm$ 796.597 χ^2/NDF : 13.1/16

Left Out: 1243.741 $\pm$ 735.001 χ^2/NDF : 9.6/9

Right Out: 428.488 $\pm$ 760.817 χ^2/NDF : 10.8/18

Left In: 528.811 $\pm$ 764.702 χ^2/NDF : 5.8/7

Left: 900.429 $\pm$ 529.913 χ^2/NDF : 15.9/17

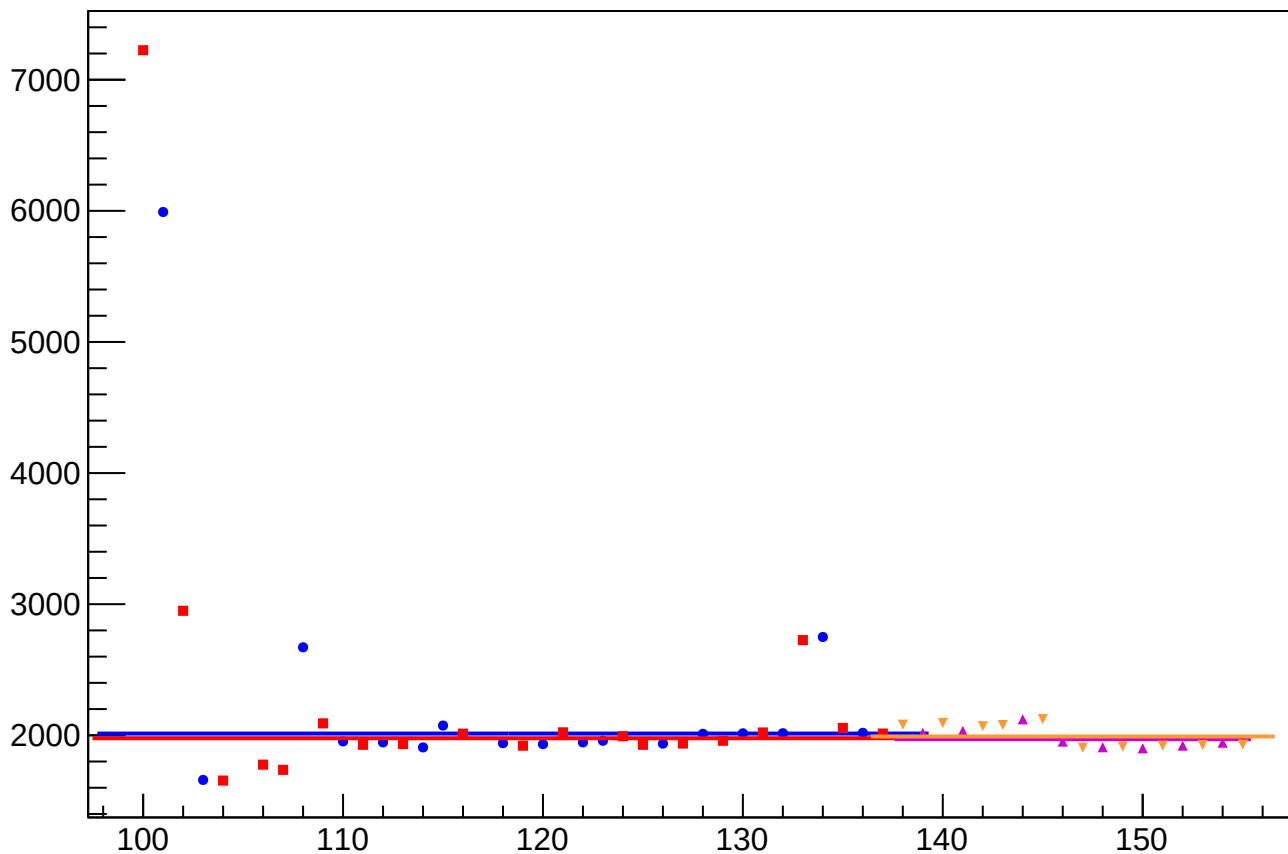
Right: -265.860 $\pm$ 550.193 χ^2/NDF : 25.6/35

In: -217.350 $\pm$ 551.657 χ^2/NDF : 20.8/24

Out: 850.180 $\pm$ 528.615 χ^2/NDF : 21.0/28

All: 339.175 $\pm$ 381.673 χ^2/NDF : 43.8/53

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1991.015+/-0.520 χ^2/NDF : 27281.9/9

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

Left In: 1970.274+/-0.541 χ^2/NDF : 16778.7/7

Left: 1981.055+/-0.375 χ^2/NDF : 44825.4/17

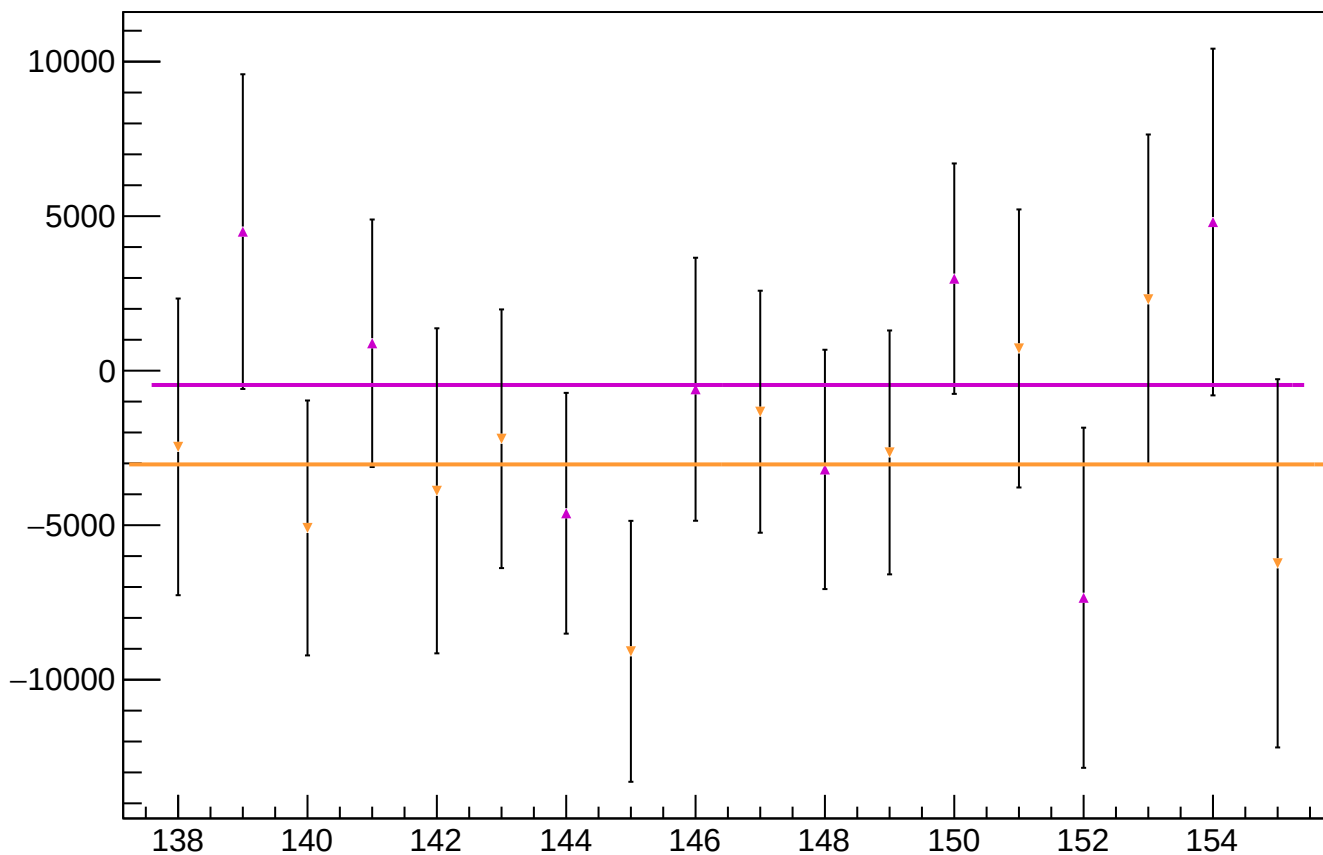
Right: 1994.568+/-0.389 χ^2/NDF : 947053.5/35

In: 1990.894+/-0.390 χ^2/NDF : 669859.6/24

Out: 1984.505+/-0.374 χ^2/NDF : 322505.7/28

All: 1987.562+/-0.270 χ^2/NDF : 992505.1/53

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3033.012+/-1423.166 χ^2/NDF :4.6/9

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

Left In: -463.017+/-1533.024 χ^2/NDF :6.0/7

Left: -1843.389+/-1043.007 χ^2/NDF : 12.1/17

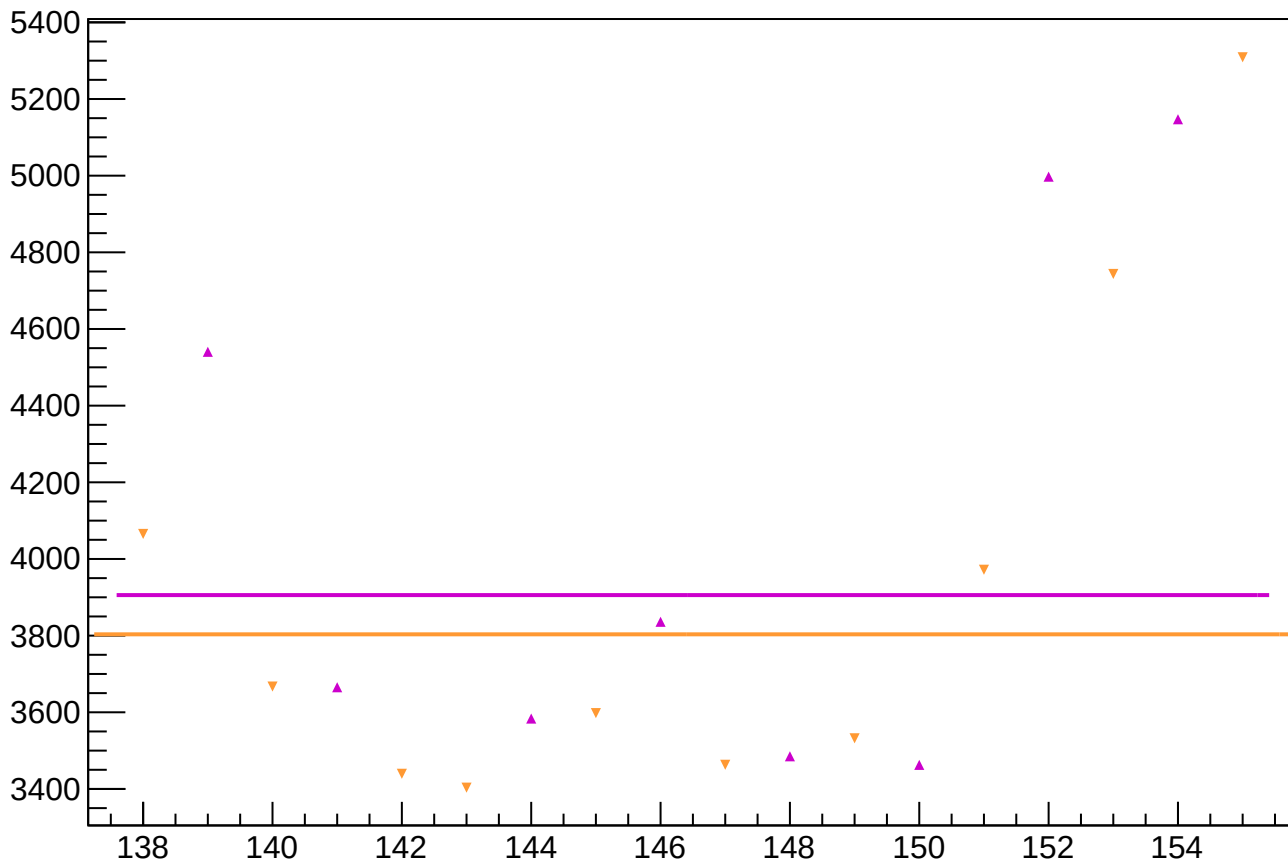
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -463.017+/-1533.024 χ^2/NDF :6.0/7

Out: -3033.012+/-1423.166 χ^2/NDF :4.6/9

All: -1843.389+/-1043.007 χ^2/NDF : 12.1/17

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3803.397+/-1.006 χ^2/NDF : 257943.3/9

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

Left In: 3905.766+/-1.084 χ^2/NDF : 280975.5/7

Left: 3850.782+/-0.738 χ^2/NDF : 543708.8/17

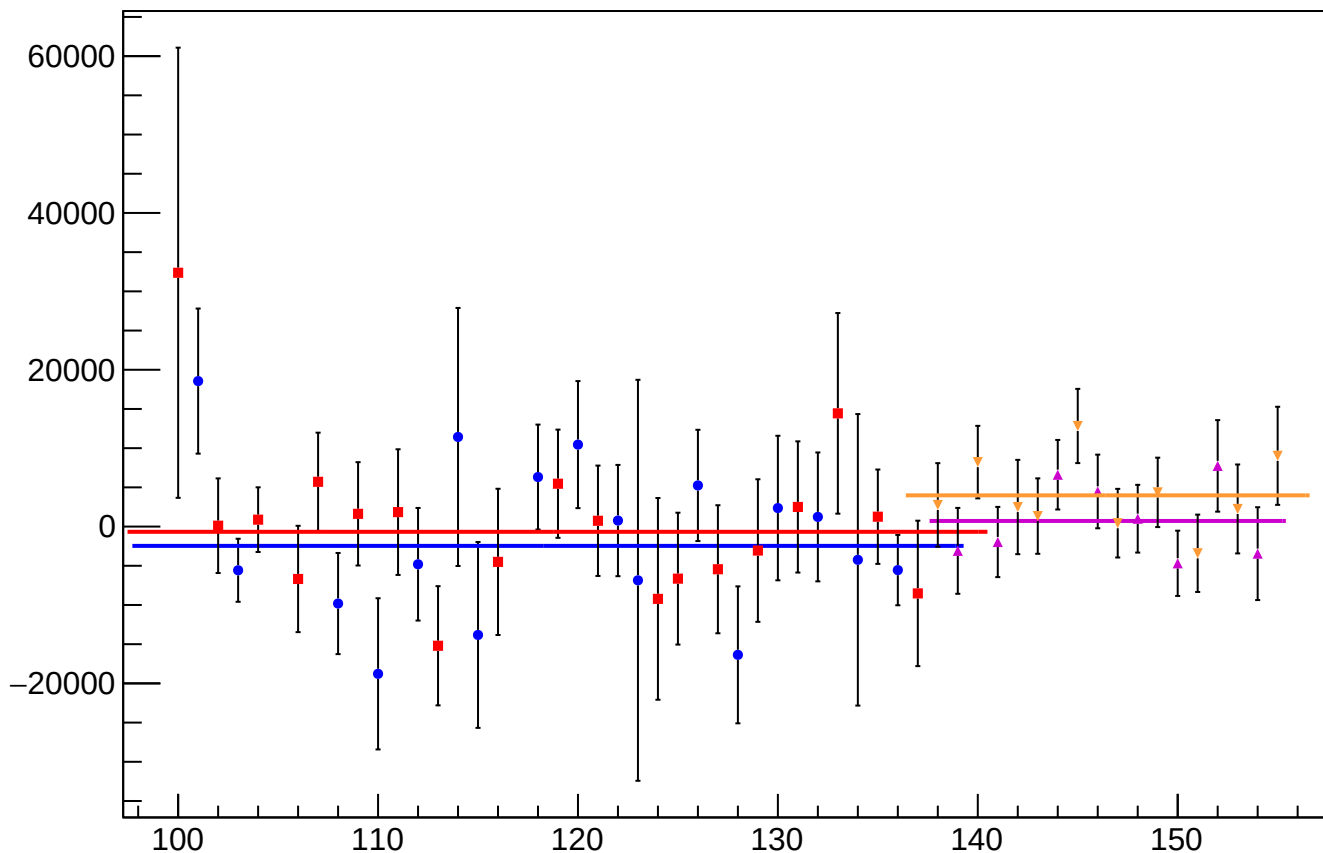
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3905.766+/-1.084 χ^2/NDF : 280975.5/7

Out: 3803.397+/-1.006 χ^2/NDF : 257943.3/9

All: 3850.782+/-0.738 χ^2/NDF : 543708.8/17

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 3982.521 ± 1584.252 χ^2/NDF : 8.4/9

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

Left In: 716.302 ± 1693.699 χ^2/NDF : 6.9/7

Left: 2458.346 ± 1156.994 χ^2/NDF : 17.3/17

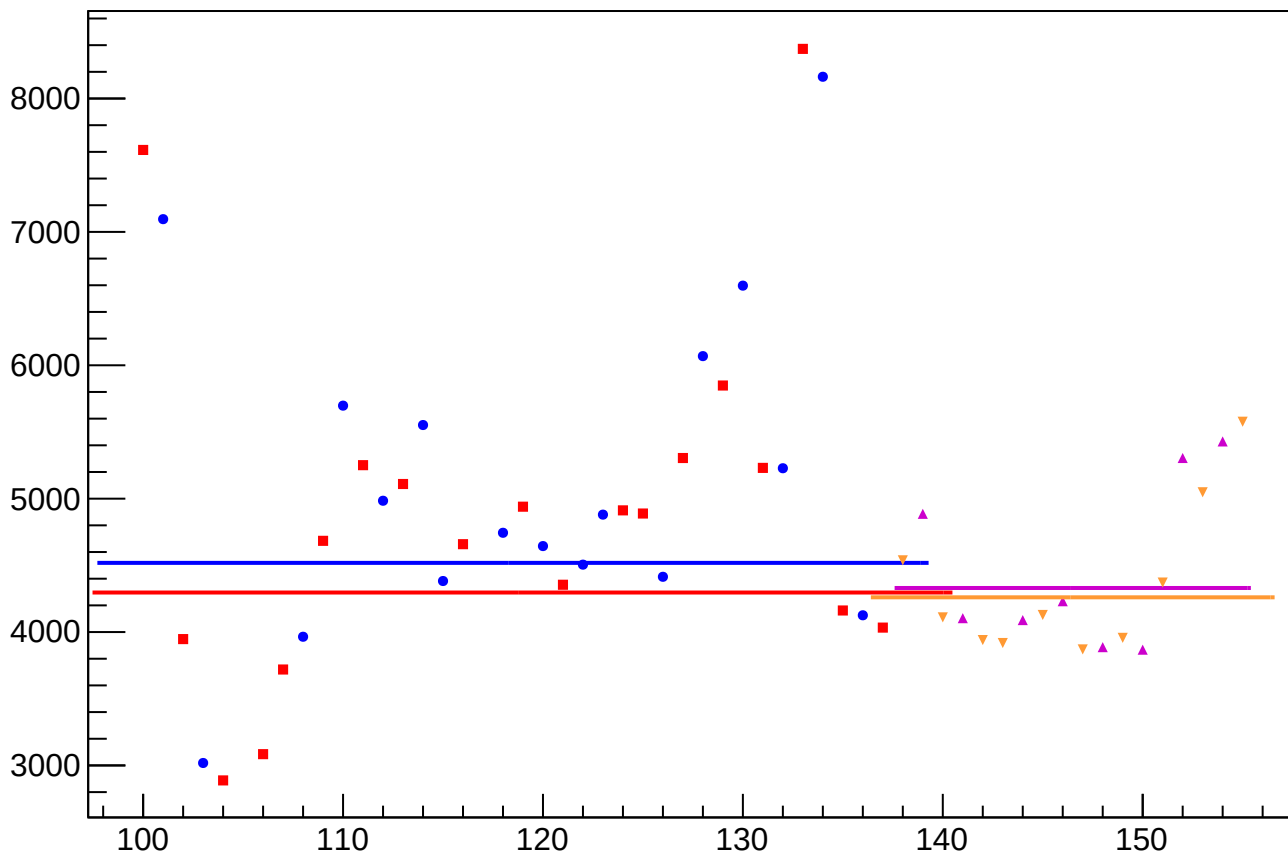
Right: -1508.905 ± 1231.122 χ^2/NDF : 33.3/35

In: -778.737 ± 1232.623 χ^2/NDF : 29.4/24

Out: 1807.899 ± 1155.753 χ^2/NDF : 24.3/28

All: 597.746 ± 843.107 χ^2/NDF : 56.0/53

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4260.345+/-1.120 χ^2/NDF : 178409.2/9

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

Left In: 4330.392+/-1.198 χ^2/NDF : 202938.4/7

Left: 4293.032+/-0.818 χ^2/NDF : 383172.1/17

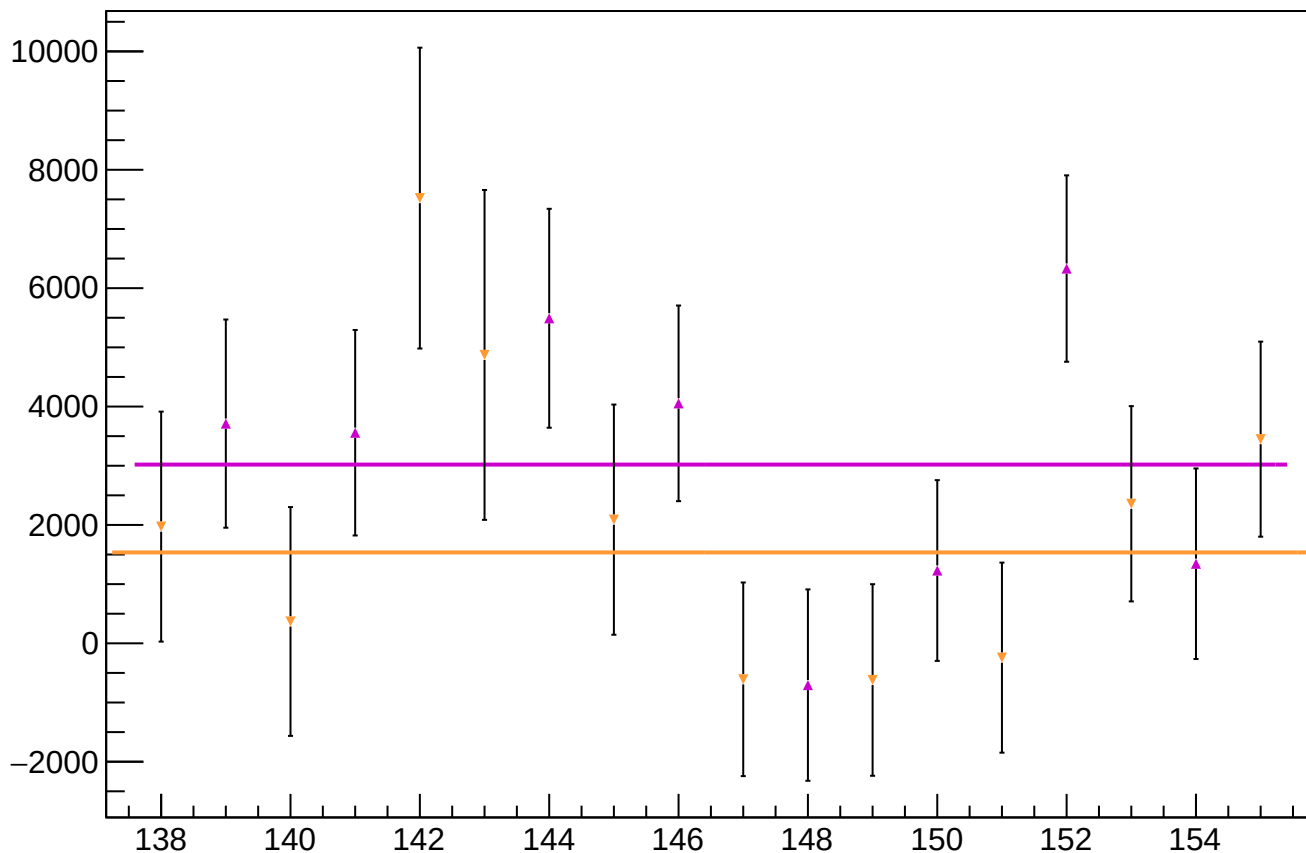
Right: 4400.071+/-0.868 χ^2/NDF : 1558255.2/35

In: 4418.955+/-0.872 χ^2/NDF : 984791.7/24

Out: 4277.301+/-0.815 χ^2/NDF : 950598.5/28

All: 4343.390+/-0.595 χ^2/NDF : 1949480.6/53

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: 1535.496+/-581.199 χ^2/NDF :13.8/9

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

Left In: 3019.822+/-585.765 χ^2/NDF :14.6/7

Left: 2271.852+/-412.574 χ^2/NDF : 31.6/17

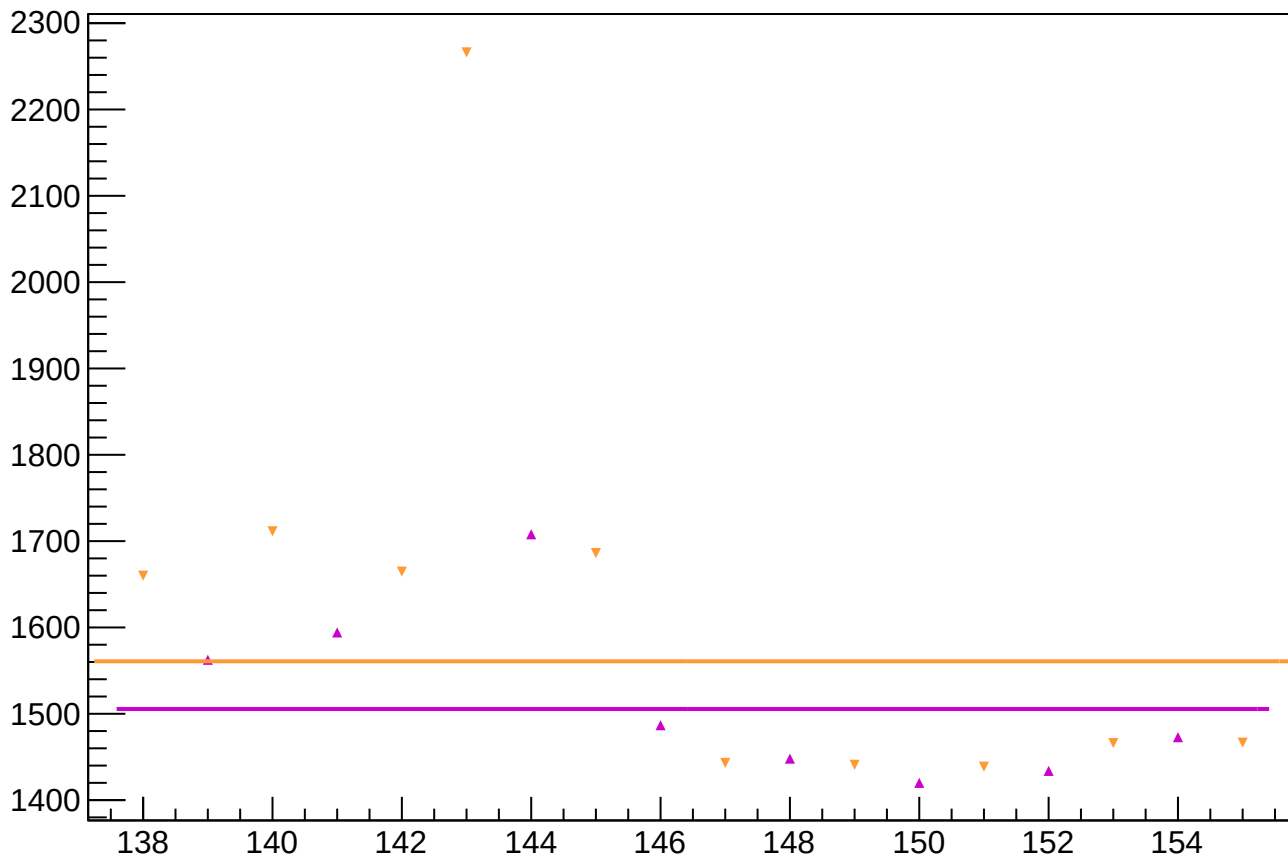
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3019.822+/-585.765 χ^2/NDF :14.6/7

Out: 1535.496+/-581.199 χ^2/NDF :13.8/9

All: 2271.852+/-412.574 χ^2/NDF : 31.6/17

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: 1560.801+/-0.411 χ^2/NDF :203205.2/9

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

Left In: 1505.534+/-0.414 χ^2/NDF :45315.0/7

Left: 1533.384+/-0.292 χ^2/NDF : 257491.8/17

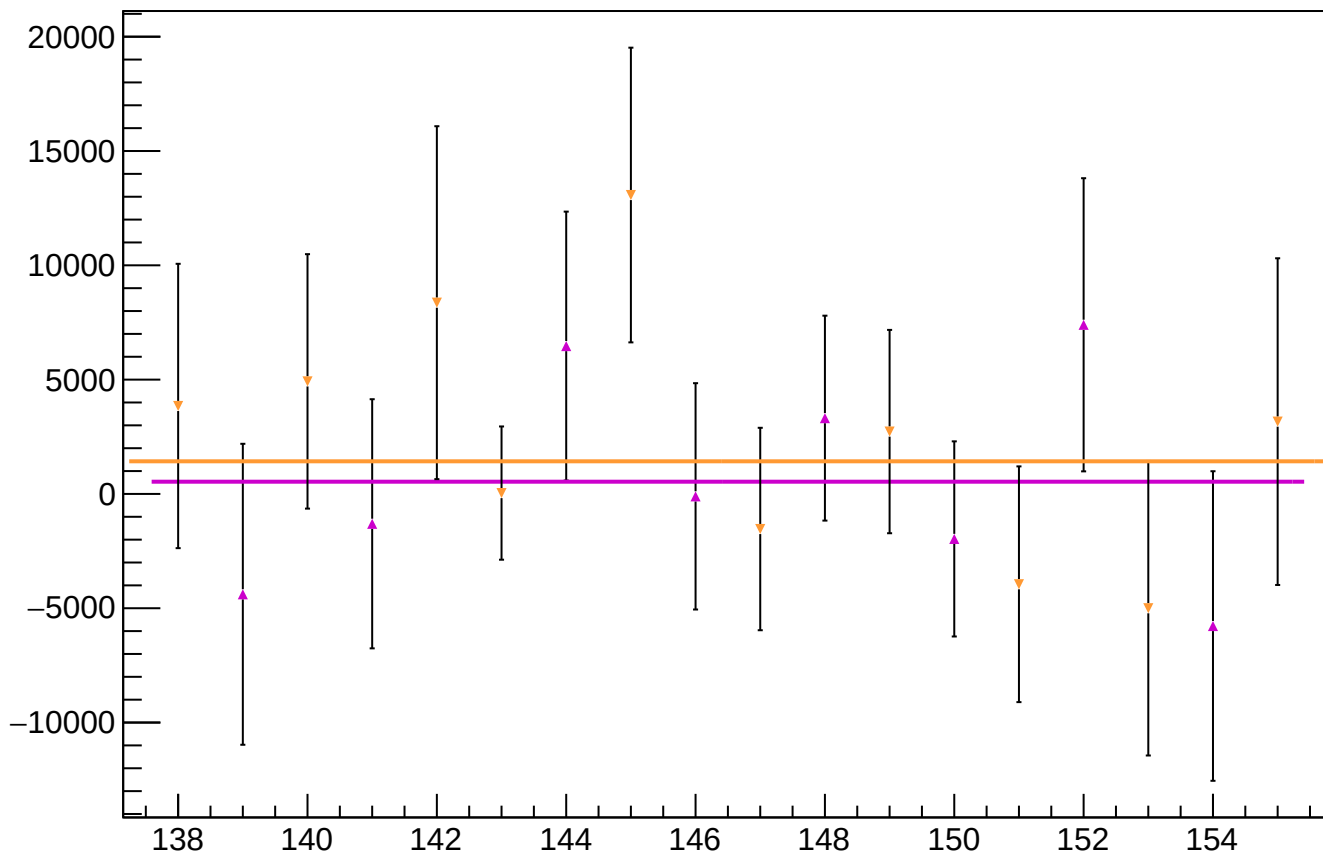
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1505.534+/-0.414 χ^2/NDF :45315.0/7

Out: 1560.801+/-0.411 χ^2/NDF :203205.2/9

All: 1533.384+/-0.292 χ^2/NDF : 257491.8/17

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: 1427.172+/-1581.849 χ^2/NDF : 7.5/9

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

Left In: 534.895+/-1898.959 χ^2/NDF : 4.5/7

Left: 1061.653+/-1215.404 χ^2/NDF : 12.1/17

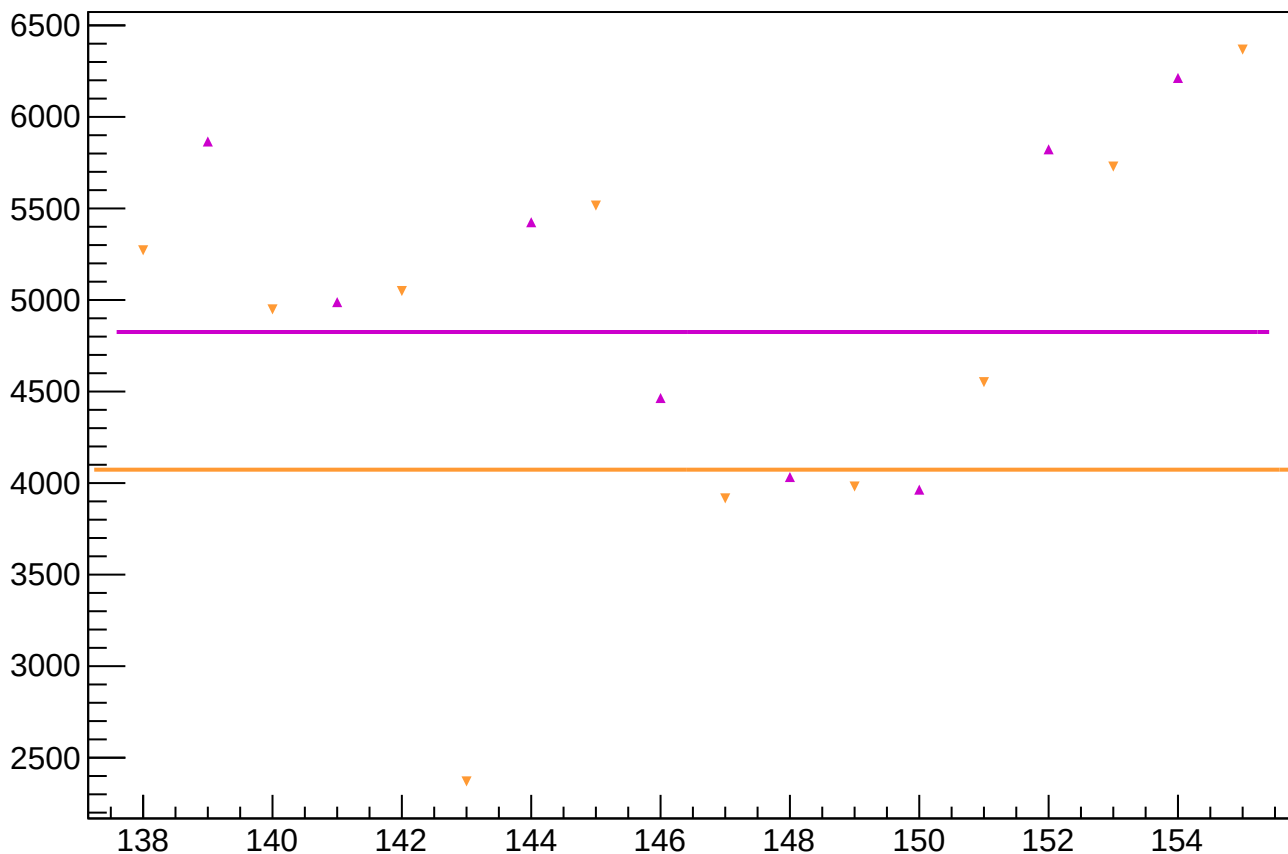
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 534.895+/-1898.959 χ^2/NDF : 4.5/7

Out: 1427.172+/-1581.849 χ^2/NDF : 7.5/9

All: 1061.653+/-1215.404 χ^2/NDF : 12.1/17

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: 4073.240+/-1.119 χ^2/NDF :1297579.6/9

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

Left In: 4825.179+/-1.343 χ^2/NDF :359513.0/7

Left: 4381.269+/-0.859 χ^2/NDF : 1842221.8/17

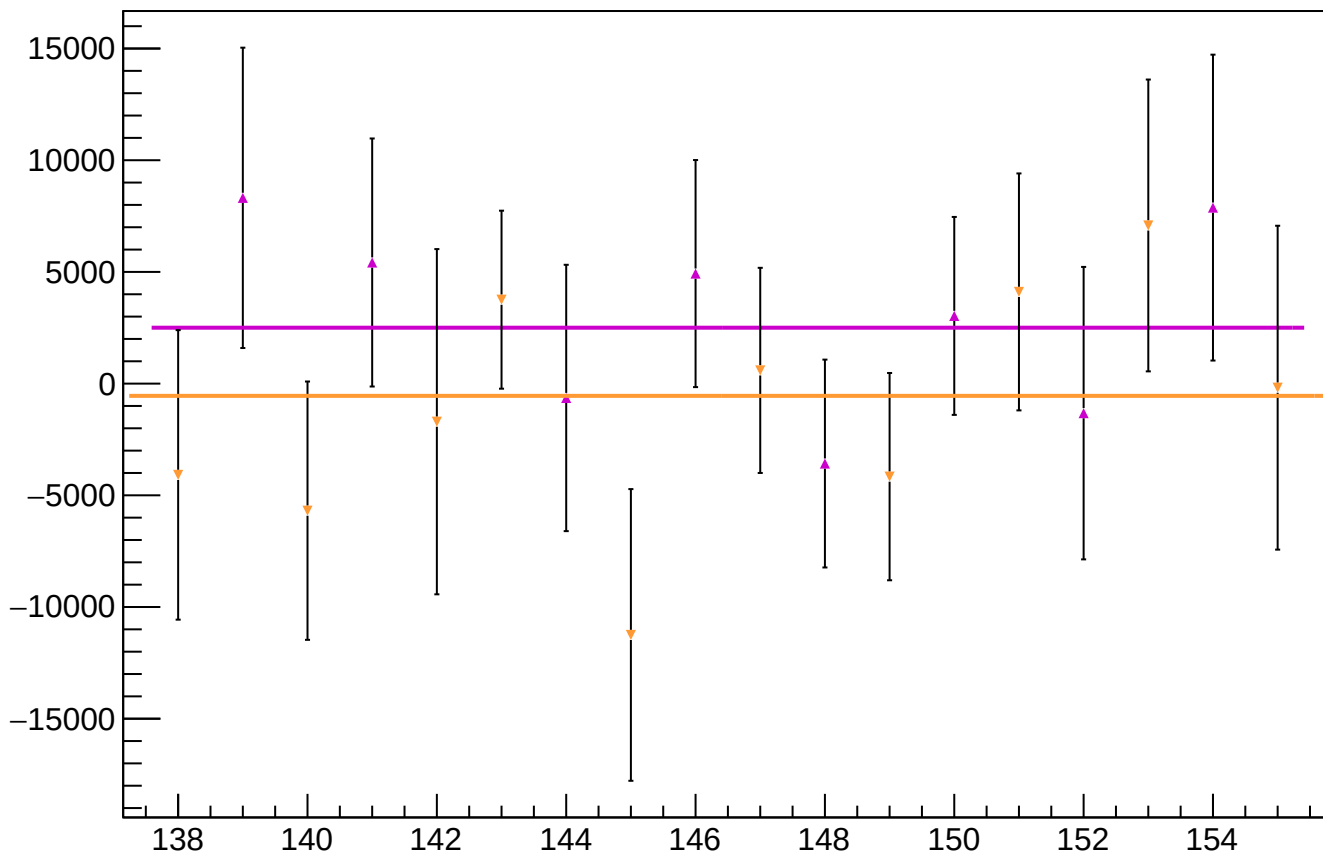
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4825.179+/-1.343 χ^2/NDF :359513.0/7

Out: 4073.240+/-1.119 χ^2/NDF :1297579.6/9

All: 4381.269+/-0.859 χ^2/NDF : 1842221.8/17

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: -548.043+/-1743.885 χ^2/NDF : 7.8/9

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

Left In: 2503.021+/-1949.036 χ^2/NDF : 4.2/7

Left: 808.516+/-1299.612 χ^2/NDF : 13.3/17

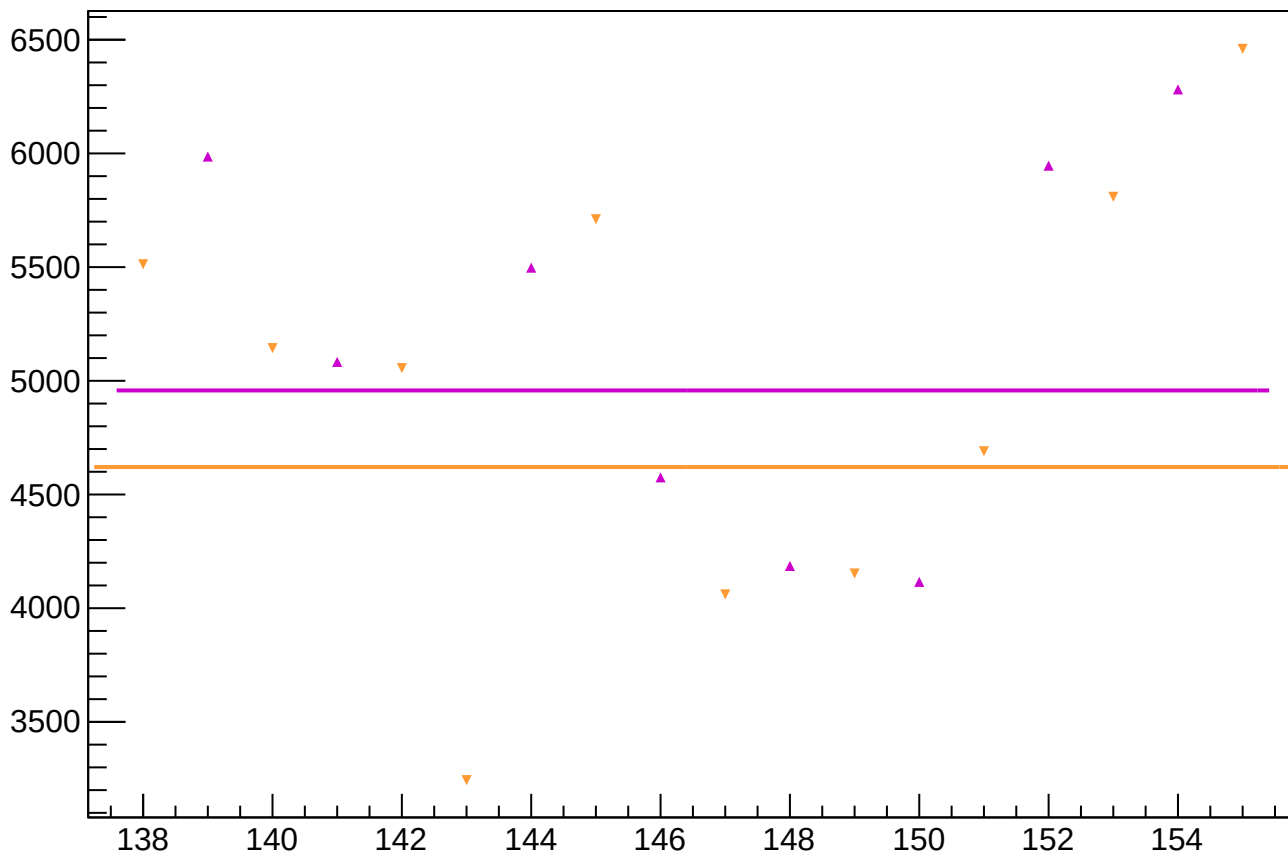
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2503.021+/-1949.036 χ^2/NDF : 4.2/7

Out: -548.043+/-1743.885 χ^2/NDF : 7.8/9

All: 808.516+/-1299.612 χ^2/NDF : 13.3/17

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: 4620.761+/-1.233 χ^2/NDF :600586.0/9

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

Left In: 4957.684+/-1.378 χ^2/NDF :323219.0/7

Left: 4770.563+/-0.919 χ^2/NDF : 956997.8/17

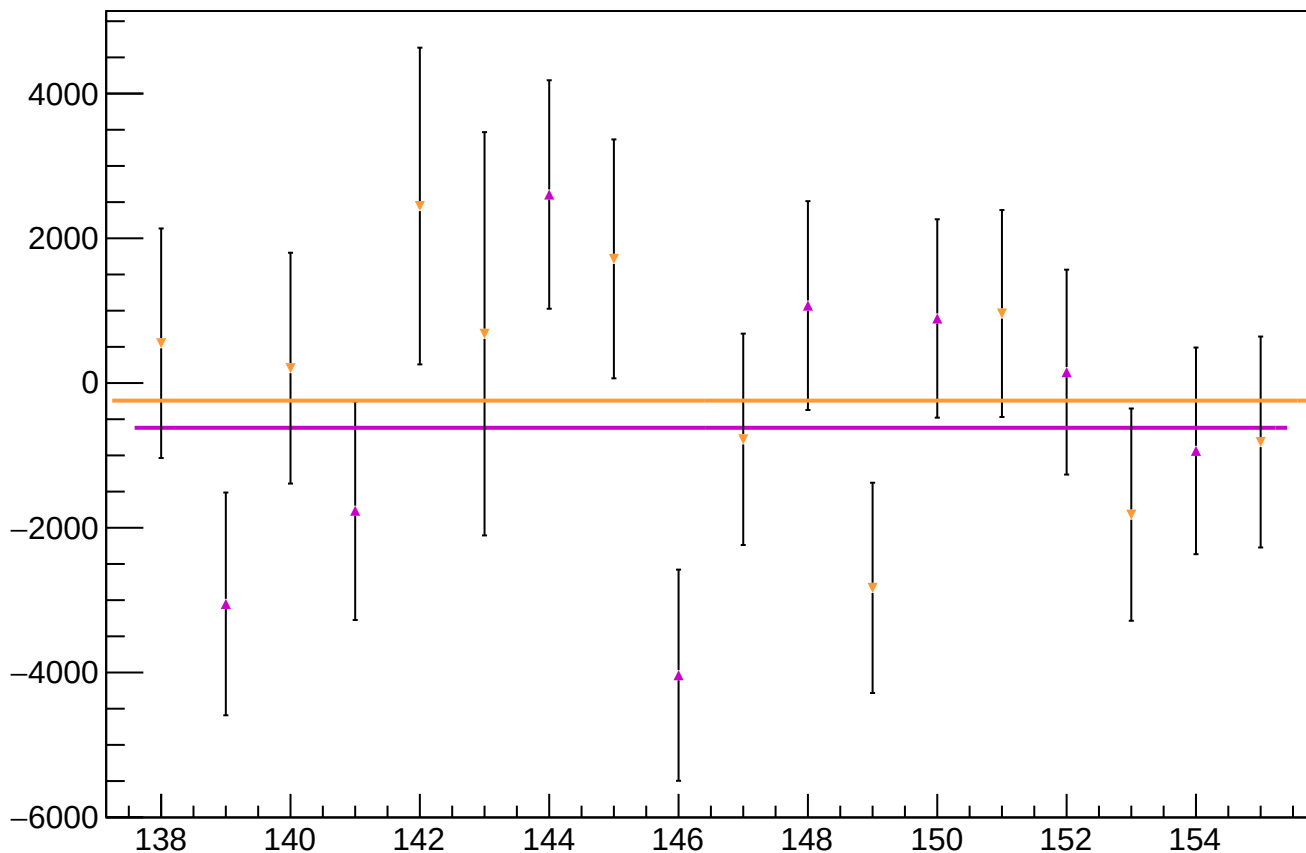
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4957.684+/-1.378 χ^2/NDF :323219.0/7

Out: 4620.761+/-1.233 χ^2/NDF :600586.0/9

All: 4770.563+/-0.919 χ^2/NDF : 956997.8/17

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: -242.589+/-508.823 χ^2/NDF :8.7/9

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

Left In: -618.194+/-517.559 χ^2/NDF :15.7/7

Left: -427.195+/-362.841 χ^2/NDF : 24.6/17

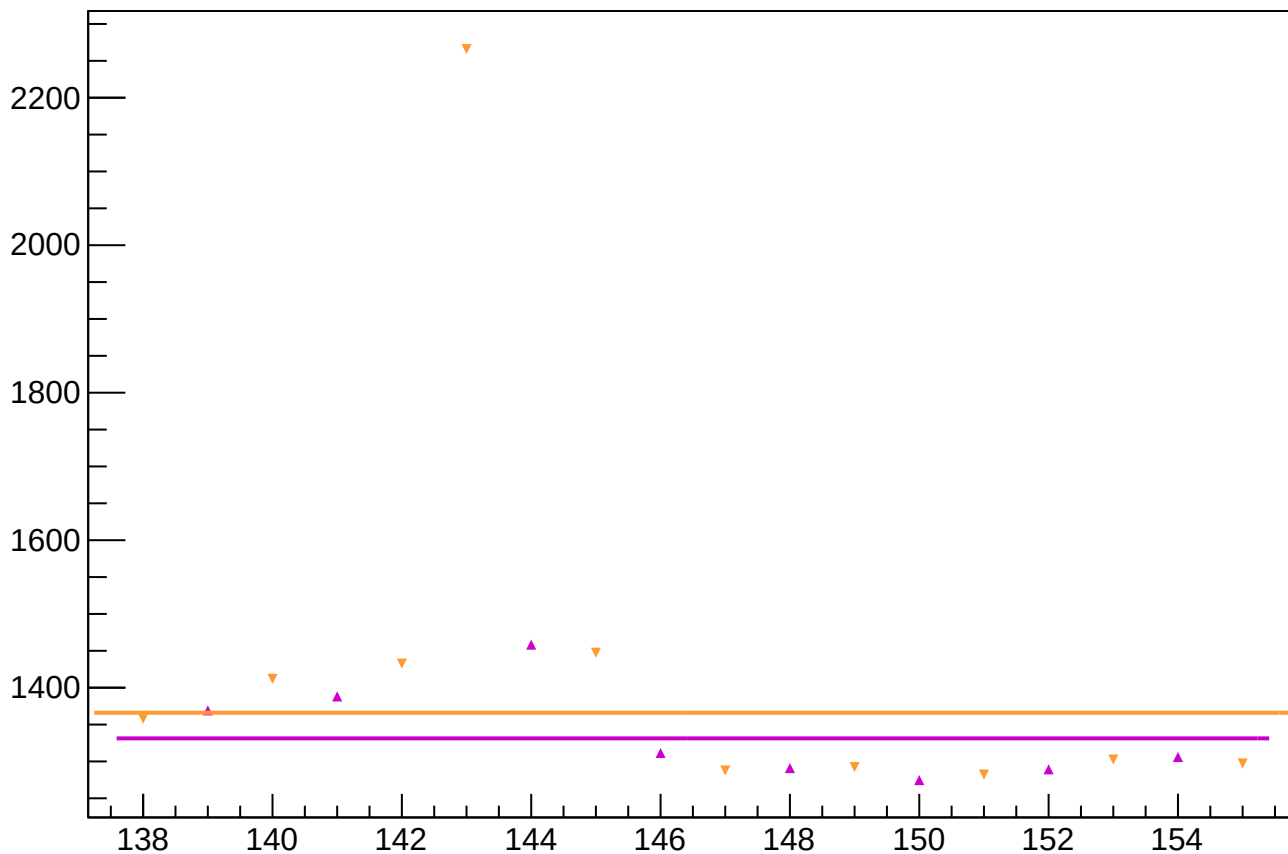
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -618.194+/-517.559 χ^2/NDF :15.7/7

Out: -242.589+/-508.823 χ^2/NDF :8.7/9

All: -427.195+/-362.841 χ^2/NDF : 24.6/17

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: 1366.033+/-0.360 χ^2/NDF :243001.1/9

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

Left In: 1331.268+/-0.366 χ^2/NDF :24731.7/7

Left: 1348.947+/-0.257 χ^2/NDF : 272321.6/17

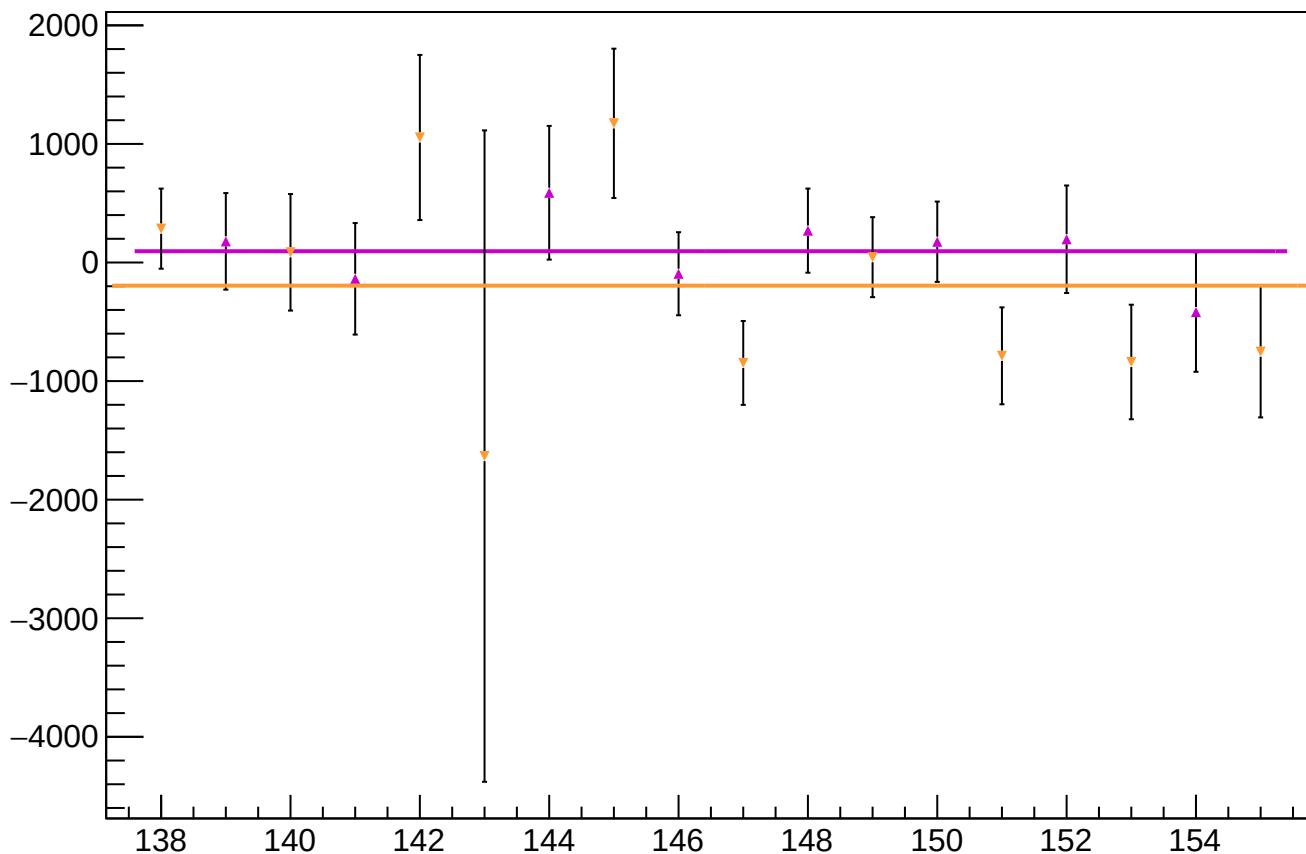
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1331.268+/-0.366 χ^2/NDF :24731.7/7

Out: 1366.033+/-0.360 χ^2/NDF :243001.1/9

All: 1348.947+/-0.257 χ^2/NDF : 272321.6/17

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: -195.115+/-144.462 χ^2/NDF :19.4/9

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

Left In: 95.188+/-145.372 χ^2/NDF :2.7/7

Left: -50.875+/-102.470 χ^2/NDF : 24.1/17

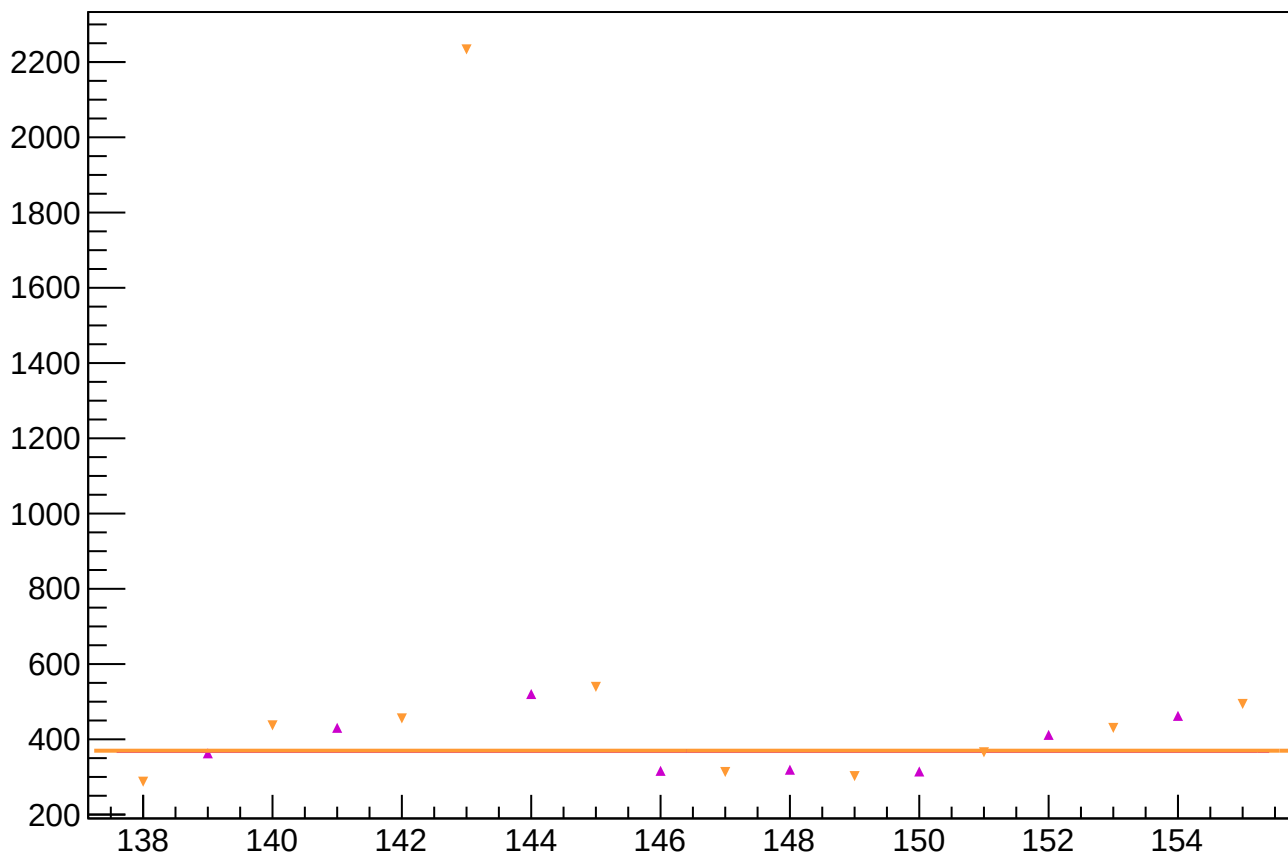
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 95.188+/-145.372 χ^2/NDF :2.7/7

Out: -195.115+/-144.462 χ^2/NDF :19.4/9

All: -50.875+/-102.470 χ^2/NDF : 24.1/17

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: 369.750+/-0.102 χ^2/NDF :1516495.0/9

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

Left In: 368.909+/-0.103 χ^2/NDF :402001.0/7

Left: 369.332+/-0.072 χ^2/NDF : 1918529.7/17

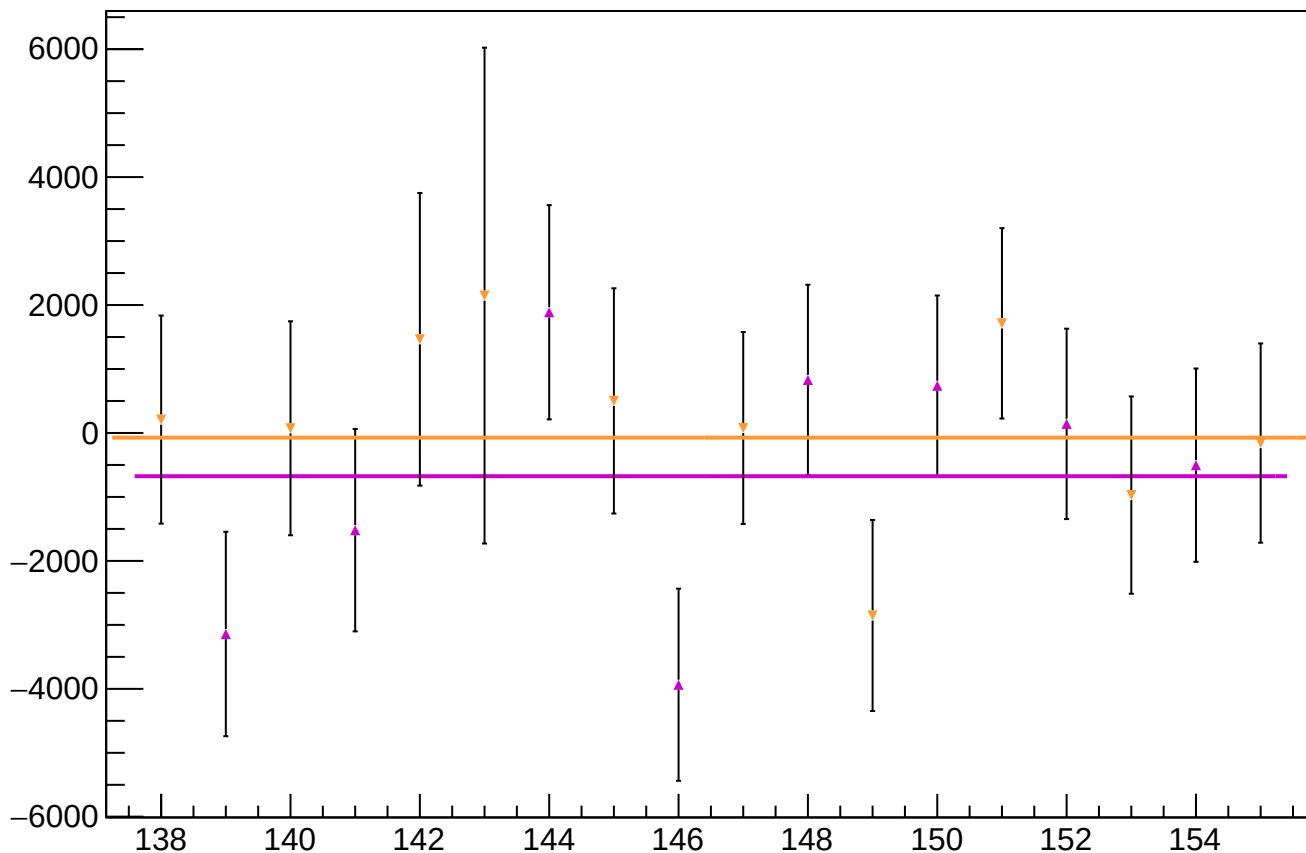
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 368.909+/-0.103 χ^2/NDF :402001.0/7

Out: 369.750+/-0.102 χ^2/NDF :1516495.0/9

All: 369.332+/-0.072 χ^2/NDF : 1918529.7/17

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: -72.882+/-535.047 χ^2/NDF :6.2/9

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

Left In: -676.180+/-539.553 χ^2/NDF :12.1/7

Left: -372.002+/-379.919 χ^2/NDF : 18.9/17

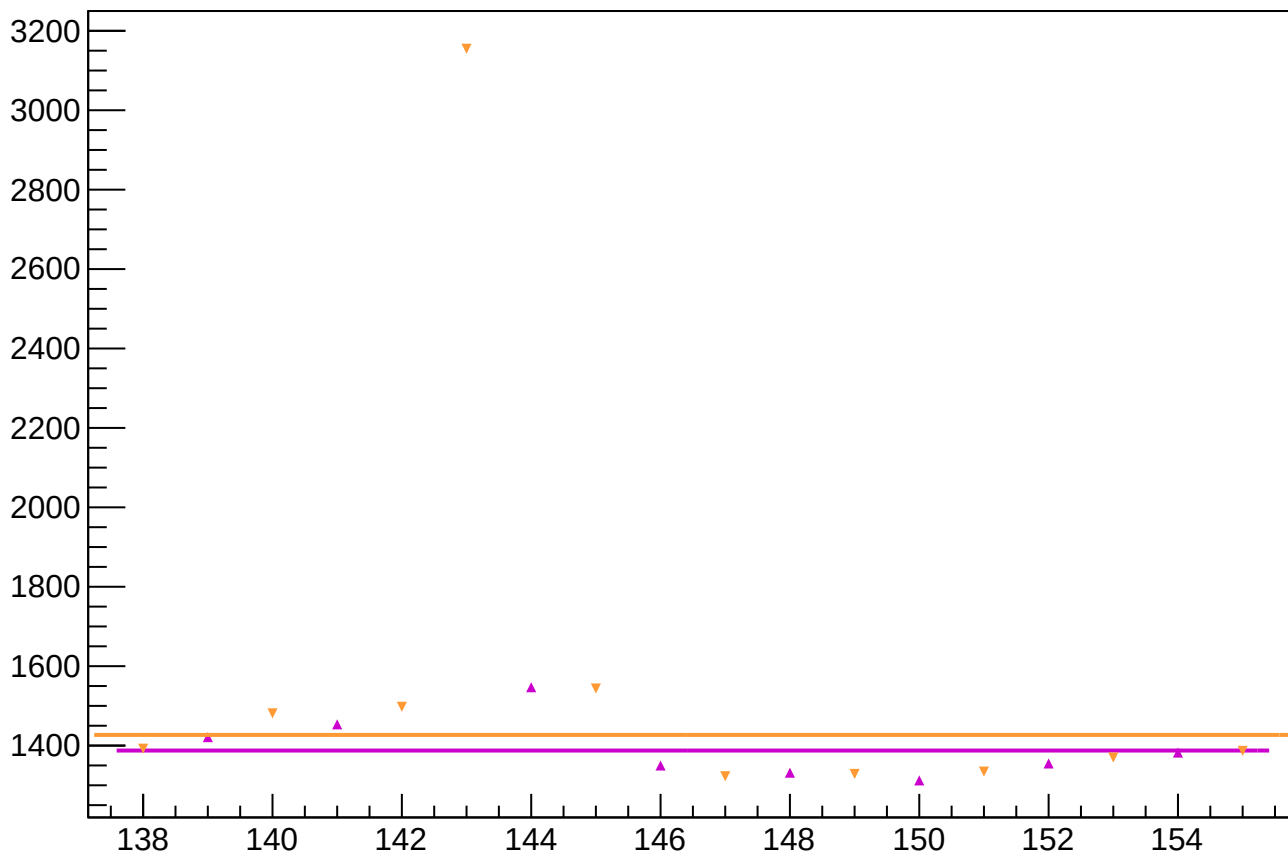
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -676.180+/-539.553 χ^2/NDF :12.1/7

Out: -72.882+/-535.047 χ^2/NDF :6.2/9

All: -372.002+/-379.919 χ^2/NDF : 18.9/17

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: 1426.886+/-0.378 χ^2/NDF :441367.9/9

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

Left In: 1387.528+/-0.382 χ^2/NDF :33223.4/7

Left: 1407.372+/-0.269 χ^2/NDF : 479956.9/17

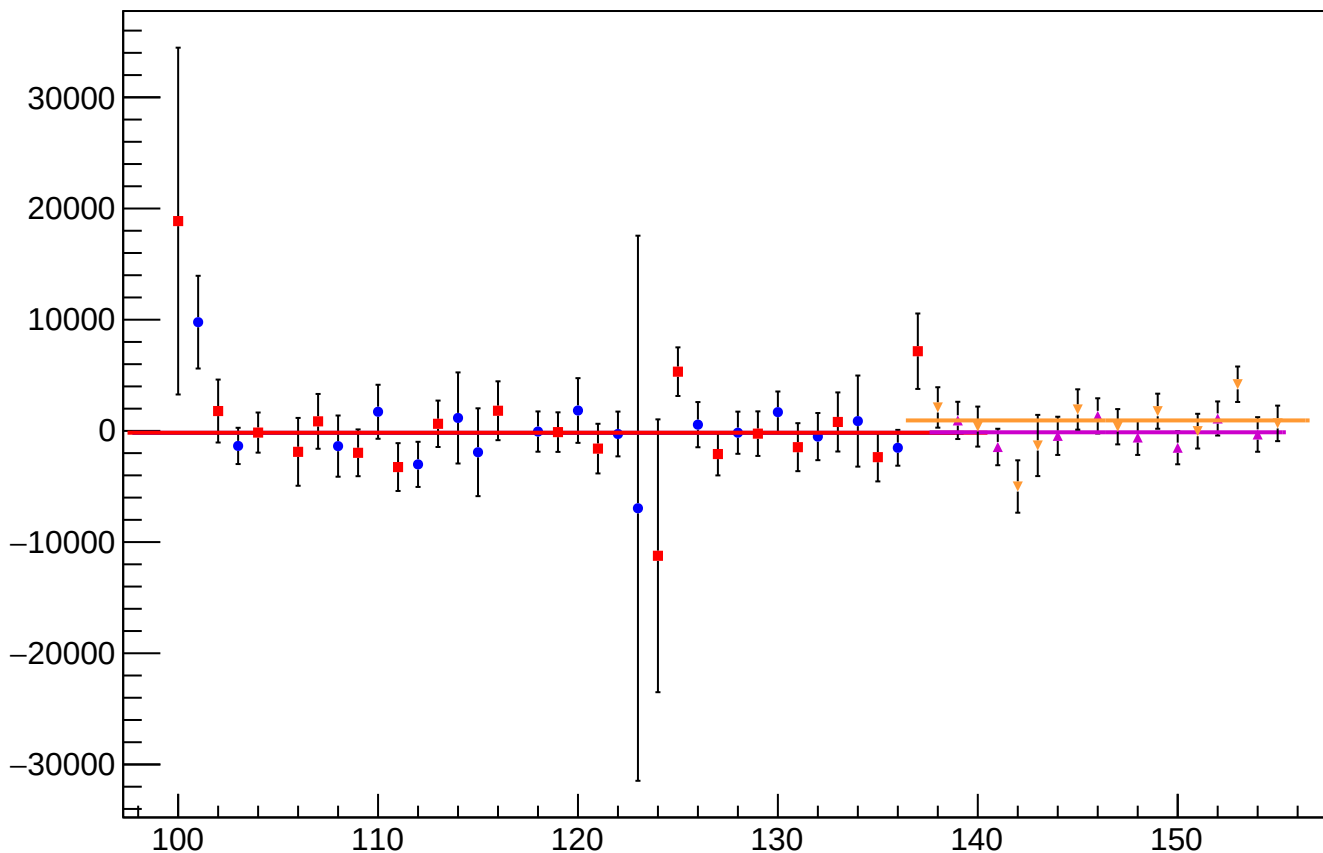
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1387.528+/-0.382 χ^2/NDF :33223.4/7

Out: 1426.886+/-0.378 χ^2/NDF :441367.9/9

All: 1407.372+/-0.269 χ^2/NDF : 479956.9/17

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841 $\pm$ 554.659 χ^2 /NDF: 11.8/16

Left Out: 941.310 $\pm$ 557.176 χ^2 /NDF:12.8/9

Right Out: -164.937 $\pm$ 540.101 χ^2 /NDF: 20.7/18

Left In: -125.353 $\pm$ 562.505 χ^2 /NDF:3.6/7

Left: 413.055 $\pm$ 395.853 χ^2 /NDF: 18.2/17

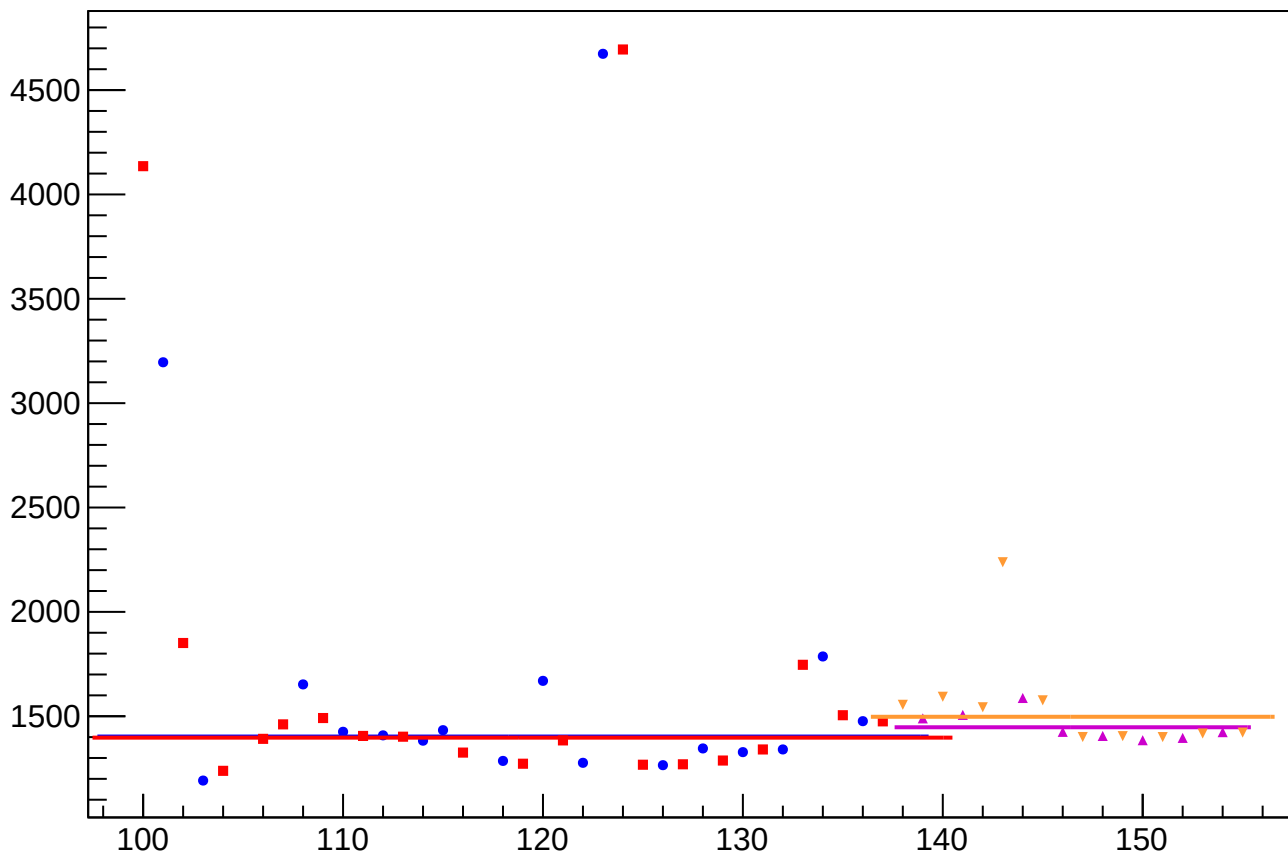
Right: -169.758 $\pm$ 386.953 χ^2 /NDF: 32.4/35

In: -150.445 $\pm$ 394.948 χ^2 /NDF:15.4/24

Out: 370.976 $\pm$ 387.805 χ^2 /NDF:35.5/28

All: 115.023 $\pm$ 276.710 χ^2 /NDF: 51.7/53

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: 1497.406+/-0.394 χ^2/NDF : 188652.4/9

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

Left In: 1447.147+/-0.398 χ^2/NDF : 25167.7/7

Left: 1472.516+/-0.280 χ^2/NDF : 221879.5/17

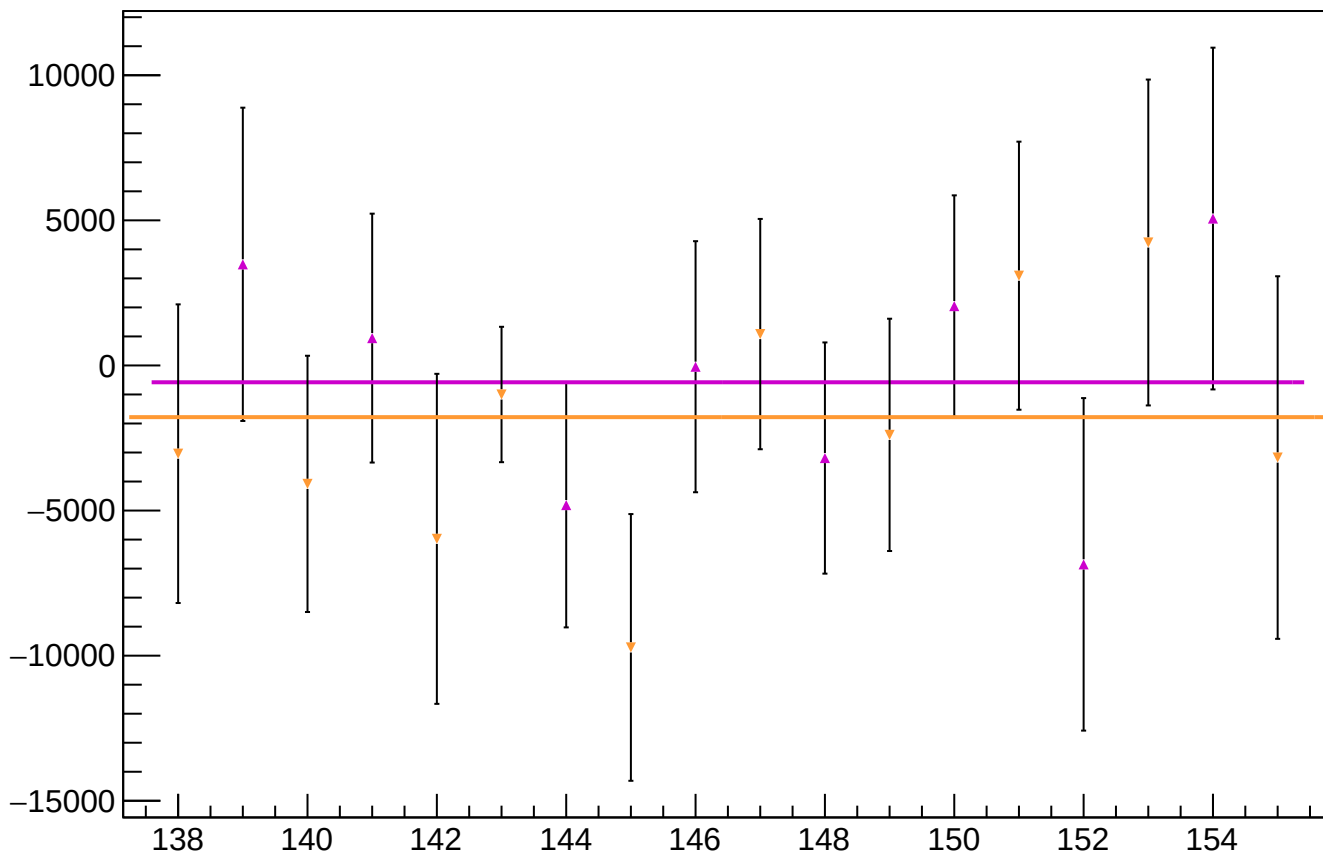
Right: 1400.004+/-0.274 χ^2/NDF : 879784.5/35

In: 1424.616+/-0.279 χ^2/NDF : 557822.9/24

Out: 1445.841+/-0.274 χ^2/NDF : 575226.6/28

All: 1435.425+/-0.196 χ^2/NDF : 1135991.2/53

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: -1781.358+/-1311.525 χ^2/NDF : 6.8/9

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

Left In: -579.657+/-1602.383 χ^2/NDF : 4.7/7

Left: -1299.274+/-1014.914 χ^2/NDF : 11.9/17

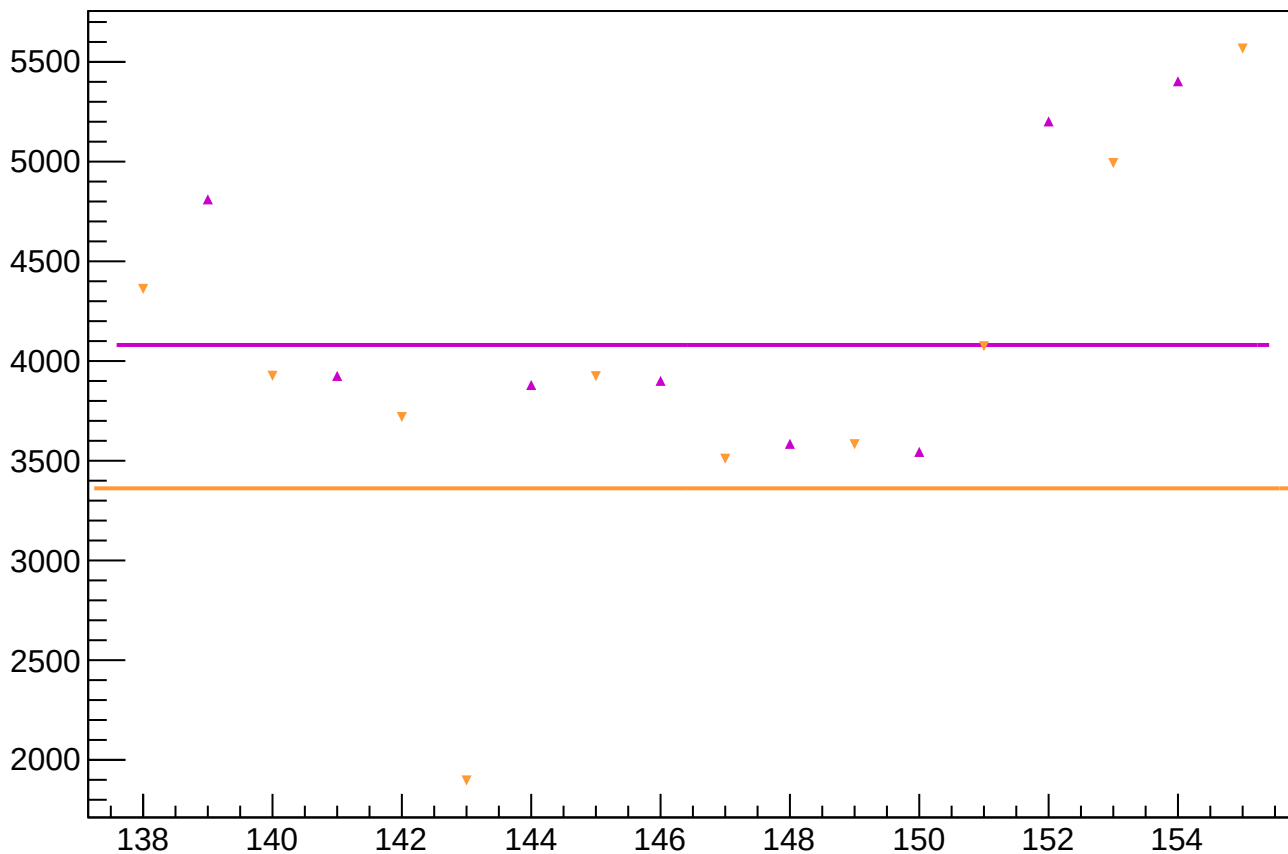
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -579.657+/-1602.383 χ^2/NDF : 4.7/7

Out: -1781.358+/-1311.525 χ^2/NDF : 6.8/9

All: -1299.274+/-1014.914 χ^2/NDF : 11.9/17

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: 3361.685+/-0.927 χ^2/NDF :1409581.4/9

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

Left In: 4080.556+/-1.133 χ^2/NDF :295152.0/7

Left: 3650.073+/-0.718 χ^2/NDF : 1945782.3/17

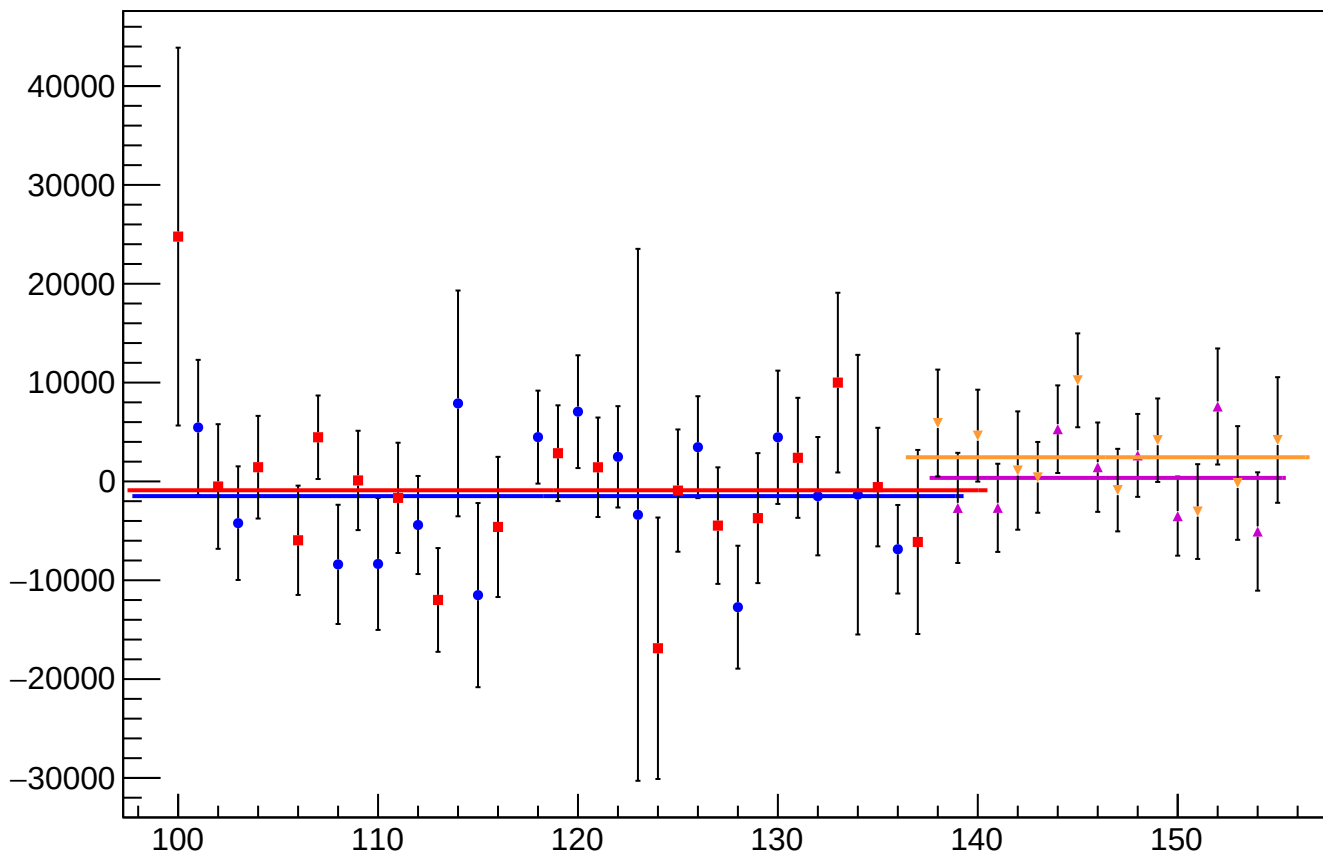
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4080.556+/-1.133 χ^2/NDF :295152.0/7

Out: 3361.685+/-0.927 χ^2/NDF :1409581.4/9

All: 3650.073+/-0.718 χ^2/NDF : 1945782.3/17

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: 2446.517 ± 1503.189 χ^2/NDF : 6.1/9

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

Left In: 356.897 ± 1670.448 χ^2/NDF : 5.6/7

Left: 1511.531 ± 1117.383 χ^2/NDF : 12.6/17

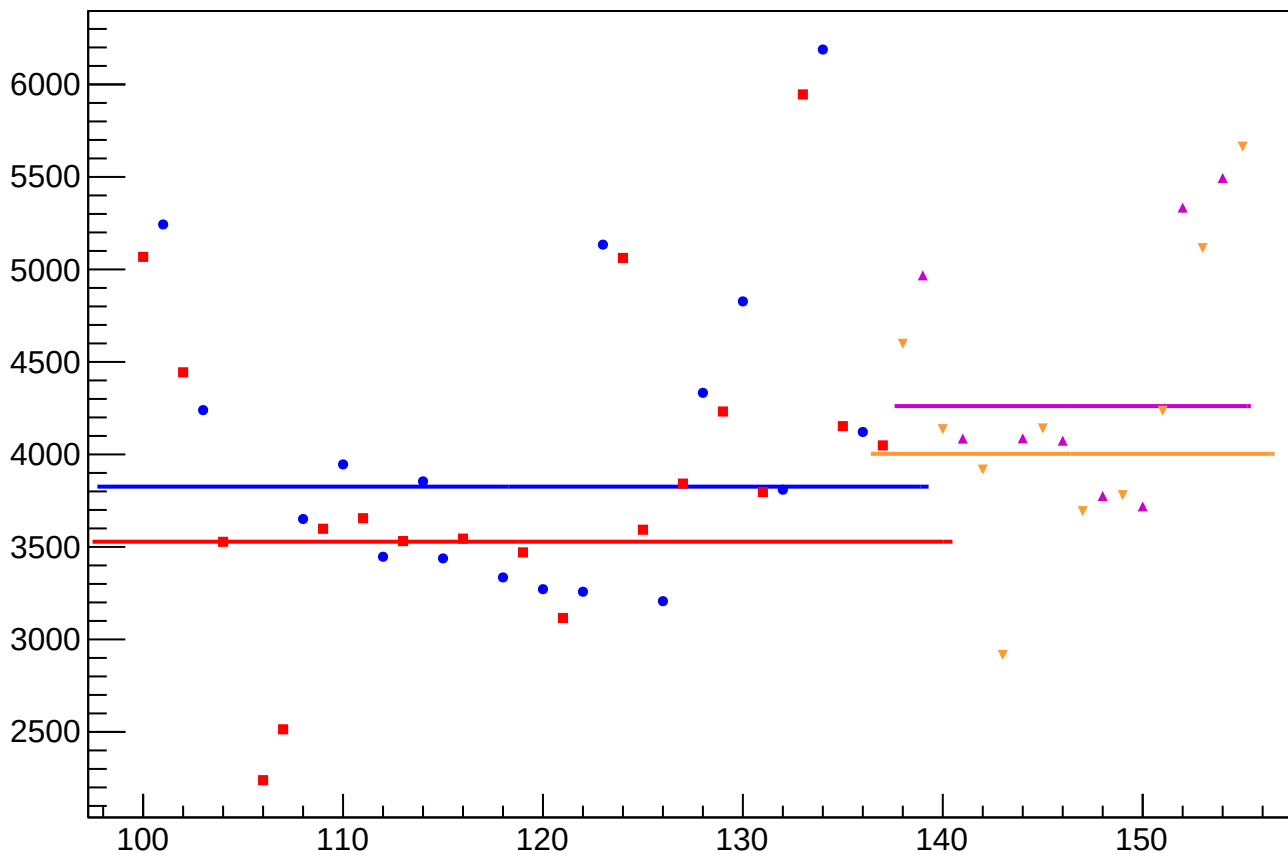
Right: -1165.879 ± 1014.876 χ^2/NDF : 30.9/35

In: -664.454 ± 1115.707 χ^2/NDF : 23.0/24

Out: 632.393 ± 1016.137 χ^2/NDF : 22.9/28

All: 44.408 ± 751.257 χ^2/NDF : 46.6/53

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: 4003.353+/-1.063 χ^2/NDF : 444758.8/9

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

Left In: 4261.349+/-1.181 χ^2/NDF : 256877.5/7

Left: 4118.791+/-0.790 χ^2/NDF : 727997.6/17

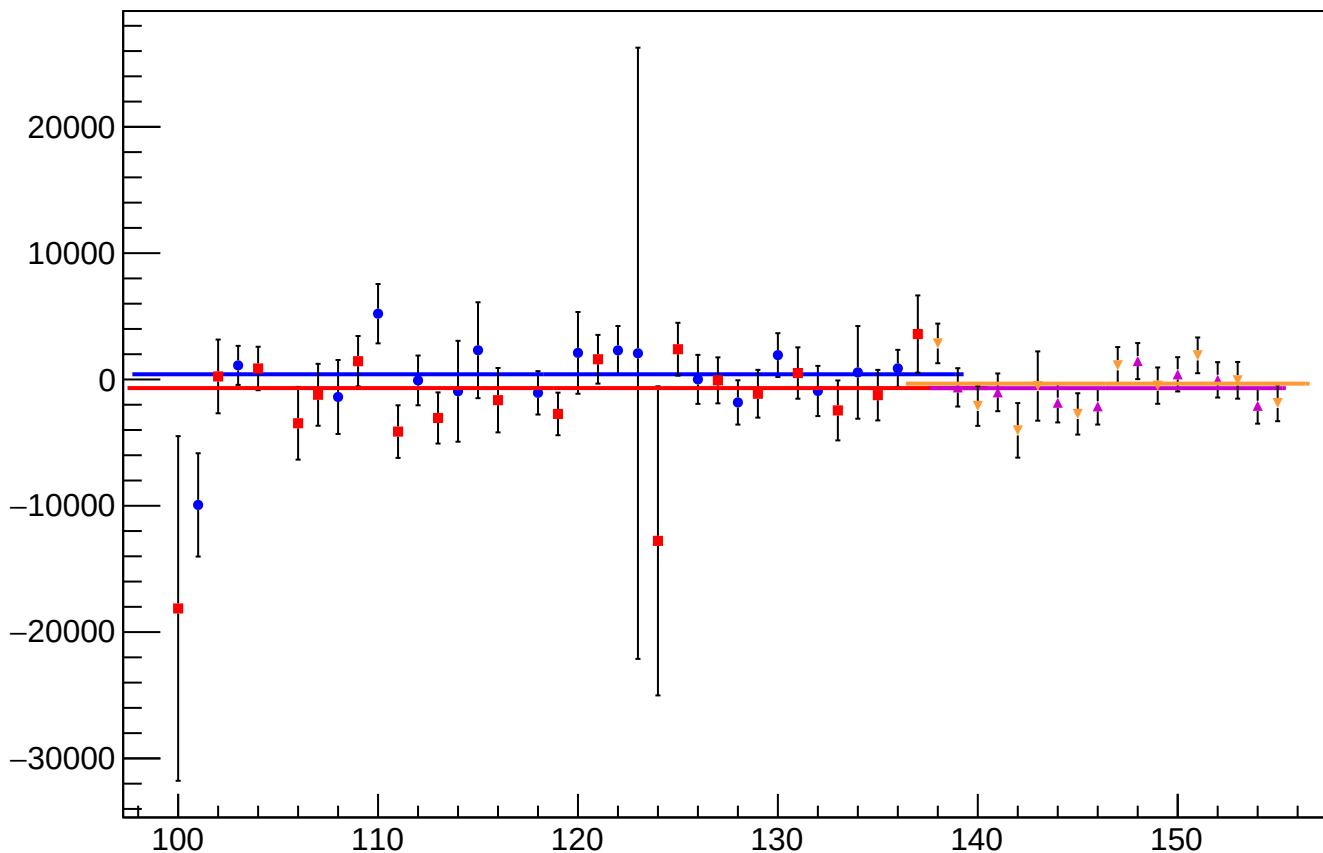
Right: 3663.316+/-0.714 χ^2/NDF : 932858.8/35

In: 4020.118+/-0.789 χ^2/NDF : 666581.0/24

Out: 3743.223+/-0.715 χ^2/NDF : 1109554.7/28

All: 3868.085+/-0.530 χ^2/NDF : 1843774.6/53

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: -329.003+/-503.414 χ^2/NDF :15.1/9

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

Left In: -688.158+/-511.720 χ^2/NDF :5.7/7

Left: -505.643+/-358.868 χ^2/NDF : 21.1/17

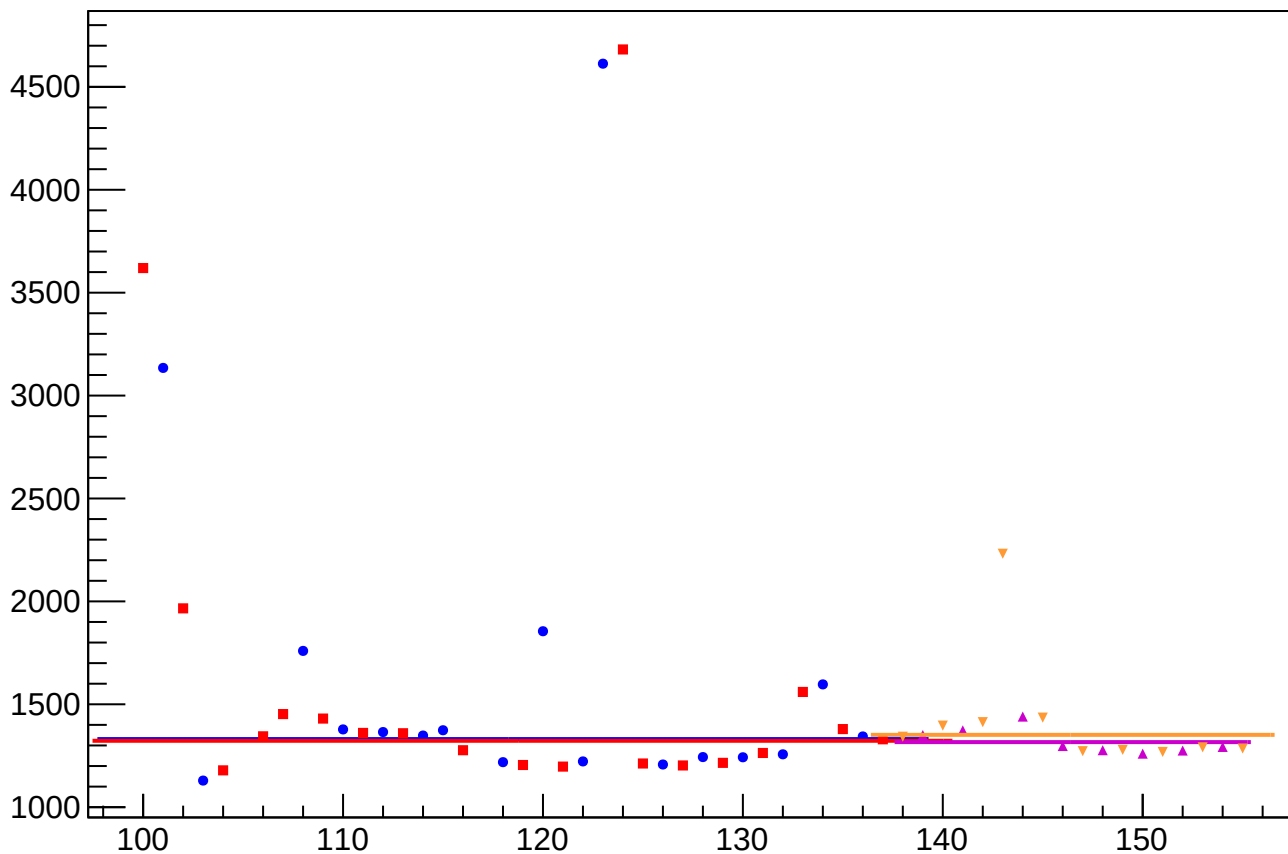
Right: -154.107+/-366.889 χ^2/NDF : 36.8/35

In: -155.562+/-367.455 χ^2/NDF :24.4/24

Out: -503.227+/-358.341 χ^2/NDF :33.4/28

All: -333.759+/-256.547 χ^2/NDF : 58.3/53

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.889 $\pm$ 0.373 χ^2 /NDF: 603474.5/16

Left Out: 1351.546 $\pm$ 0.356 χ^2 /NDF:239972.9/9

Right Out: 1322.706 $\pm$ 0.361 χ^2 /NDF: 394413.6/18

Left In: 1316.264 $\pm$ 0.362 χ^2 /NDF:24121.3/7

Left: 1334.194 $\pm$ 0.254 χ^2 /NDF: 268925.7/17

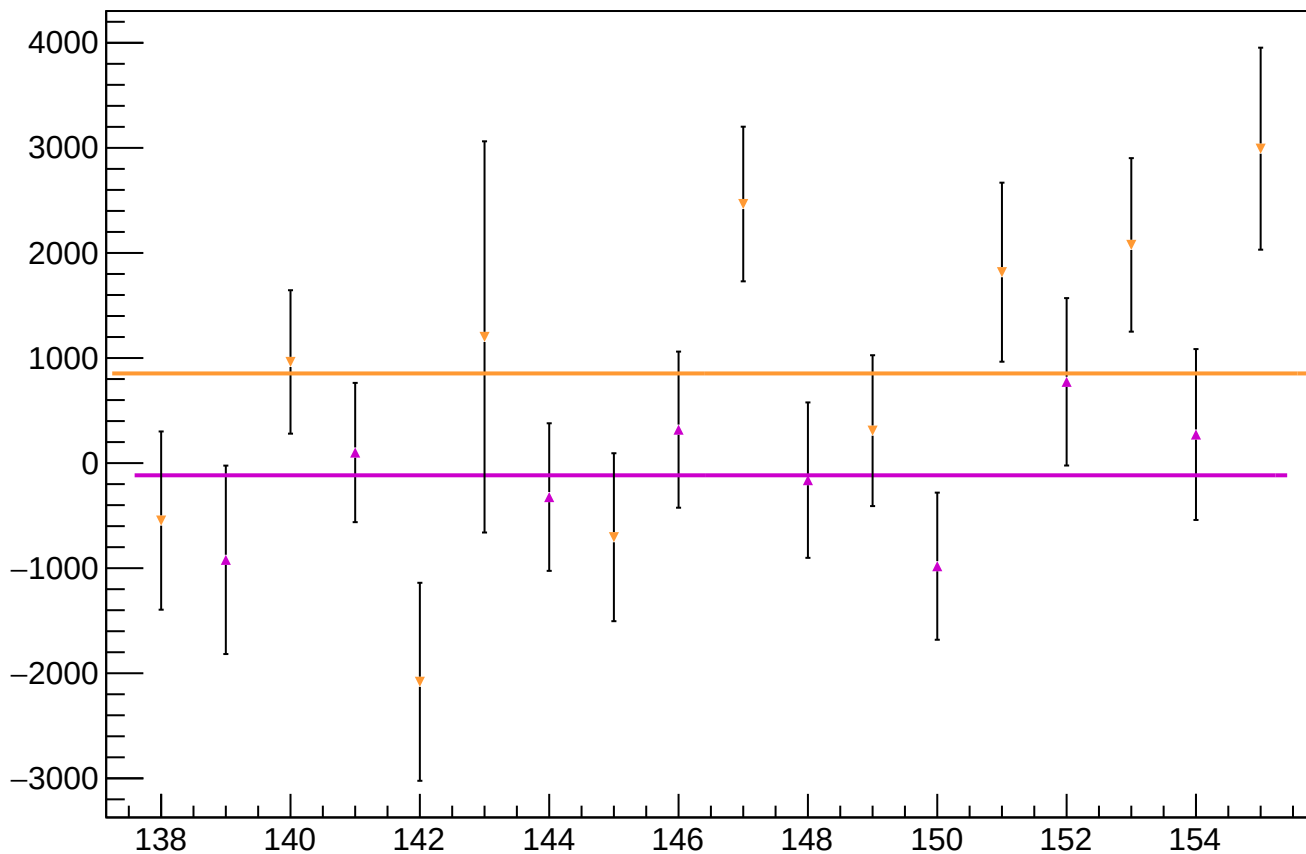
Right: 1326.657 $\pm$ 0.259 χ^2 /NDF: 998136.6/35

In: 1323.348 $\pm$ 0.260 χ^2 /NDF:628387.0/24

Out: 1337.319 $\pm$ 0.253 χ^2 /NDF:637624.8/28

All: 1330.509 $\pm$ 0.181 χ^2 /NDF: 1267493.6/53

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: 853.342+/-265.083 χ^2/NDF :30.1/9

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

Left In: -116.076+/-264.292 χ^2/NDF :4.3/7

Left: 367.184+/-187.162 χ^2/NDF : 41.1/17

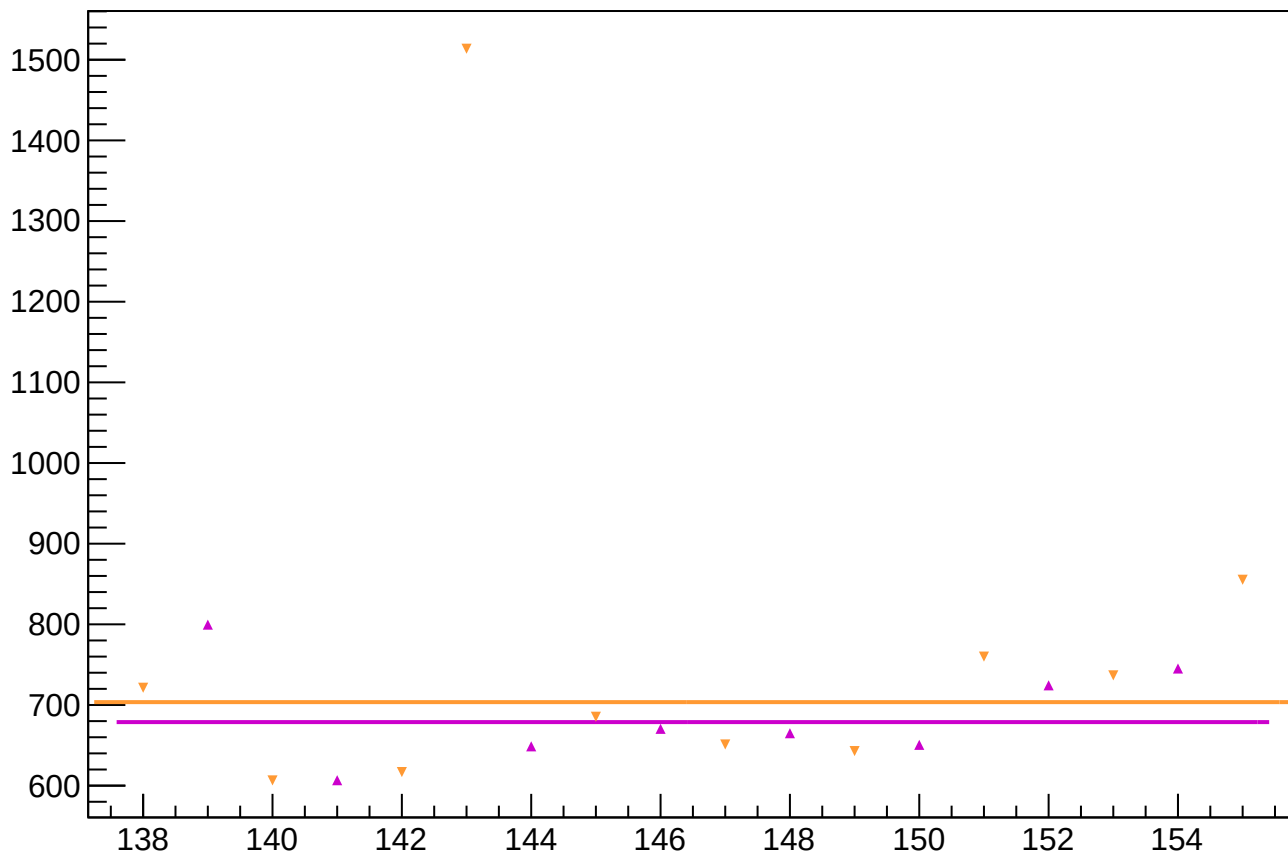
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -116.076+/-264.292 χ^2/NDF :4.3/7

Out: 853.342+/-265.083 χ^2/NDF :30.1/9

All: 367.184+/-187.162 χ^2/NDF : 41.1/17

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: 703.547+/-0.187 χ^2/NDF :524342.8/9

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

Left In: 678.781+/-0.187 χ^2/NDF :87719.4/7

Left: 691.127+/-0.132 χ^2/NDF : 620816.9/17

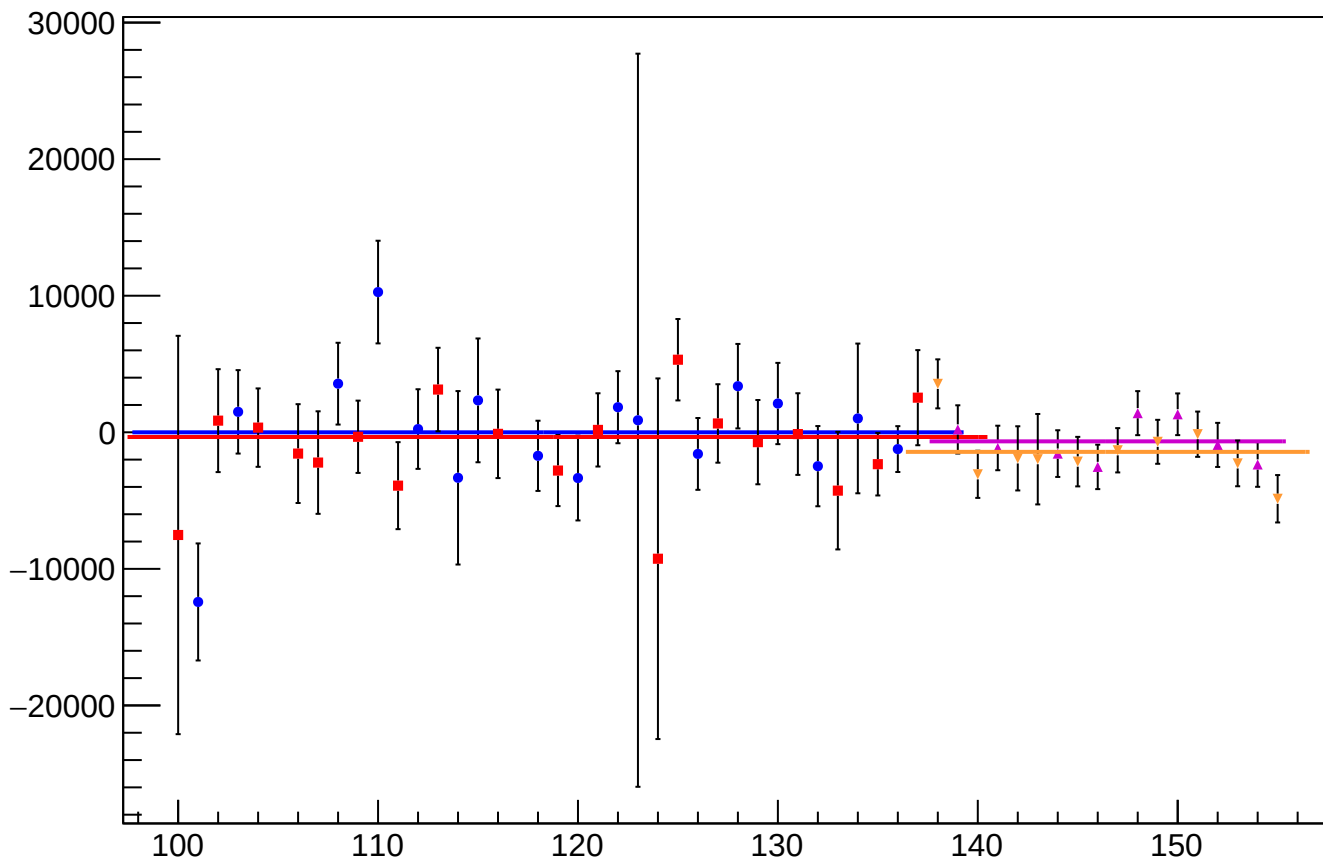
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 678.781+/-0.187 χ^2/NDF :87719.4/7

Out: 703.547+/-0.187 χ^2/NDF :524342.8/9

All: 691.127+/-0.132 χ^2/NDF : 620816.9/17

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: -1433.592 ± 573.388 χ^2/NDF : 13.8/9

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

Left In: -663.623 ± 578.621 χ^2/NDF : 6.3/7

Left: -1052.105 ± 407.284 χ^2/NDF : 21.1/17

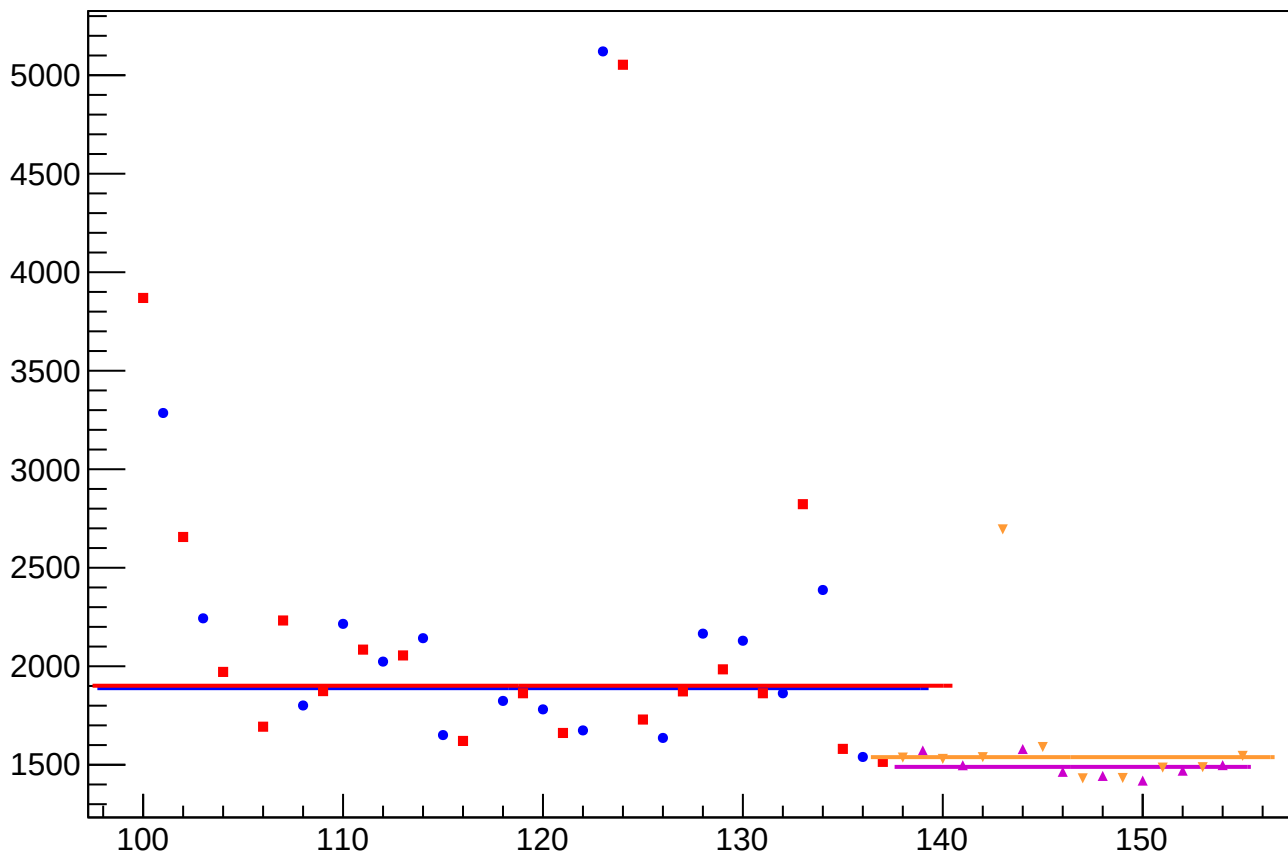
Right: -176.305 ± 522.783 χ^2/NDF : 34.3/35

In: -414.786 ± 456.995 χ^2/NDF : 30.3/24

Out: -1020.903 ± 451.794 χ^2/NDF : 25.9/28

All: -721.313 ± 321.289 χ^2/NDF : 57.1/53

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: 1538.797+/-0.405 χ^2/NDF : 266817.1/9

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

Left In: 1489.332+/-0.409 χ^2/NDF : 16707.8/7

Left: 1514.289+/-0.288 χ^2/NDF : 290899.7/17

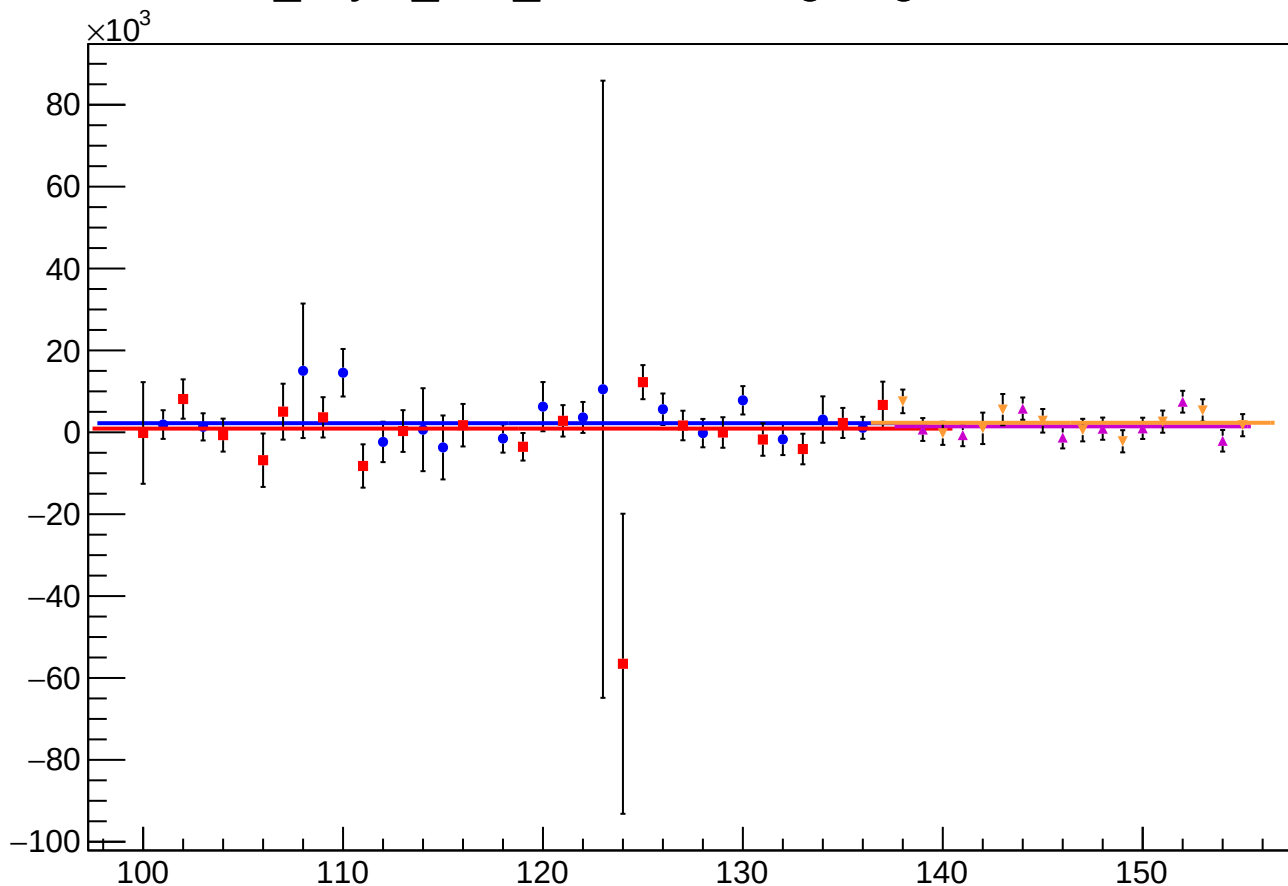
Right: 1895.125+/-0.370 χ^2/NDF : 927550.0/35

In: 1639.624+/-0.323 χ^2/NDF : 841200.2/24

Out: 1676.225+/-0.319 χ^2/NDF : 1031250.2/28

All: 1658.134+/-0.227 χ^2/NDF : 1878938.3/53

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517 $\pm$ 1039.288 χ^2 /NDF: 13.6/16

Left Out: 2327.952 $\pm$ 921.019 χ^2 /NDF: 9.5/9

Right Out: 907.837 $\pm$ 1046.878 χ^2 /NDF: 22.9/18

Left In: 1455.720 $\pm$ 948.774 χ^2 /NDF: 11.3/7

Left: 1904.781 $\pm$ 660.853 χ^2 /NDF: 21.2/17

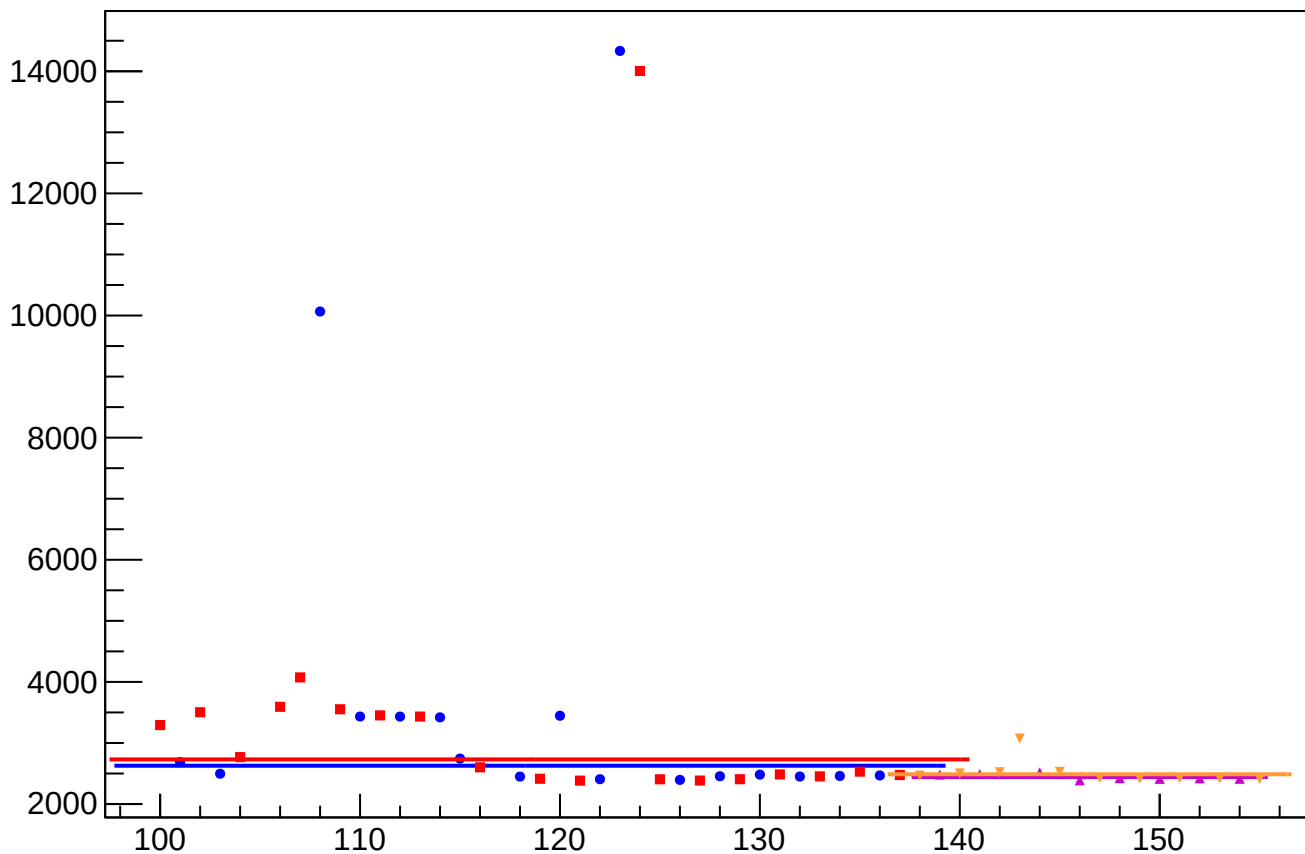
Right: 1572.479 $\pm$ 737.556 χ^2 /NDF: 37.3/35

In: 1806.553 $\pm$ 700.703 χ^2 /NDF: 25.1/24

Out: 1708.350 $\pm$ 691.498 χ^2 /NDF: 33.4/28

All: 1756.802 $\pm$ 492.185 χ^2 /NDF: 58.5/53

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2487.618+/-0.651 χ^2/NDF : 54328.5/9

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

Left In: 2443.169+/-0.671 χ^2/NDF : 4165.1/7

Left: 2466.053+/-0.467 χ^2/NDF : 60753.4/17

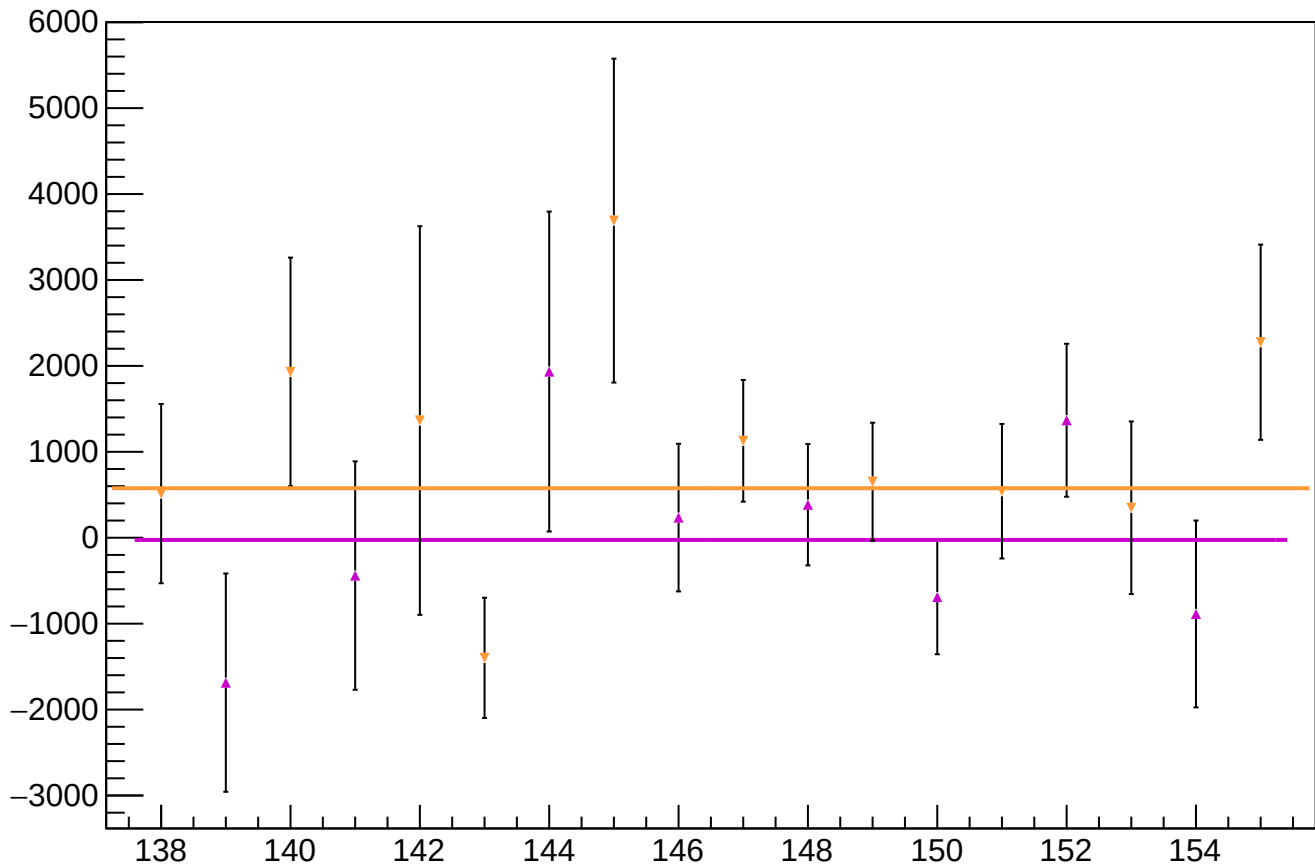
Right: 2679.043+/-0.522 χ^2/NDF : 1252488.0/35

In: 2526.992+/-0.495 χ^2/NDF : 682903.8/24

Out: 2593.925+/-0.489 χ^2/NDF : 713605.8/28

All: 2560.901+/-0.348 χ^2/NDF : 1405754.8/53

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 576.221+/-294.660 χ^2/NDF : 14.8/9

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

Left In: -25.127+/-329.715 χ^2/NDF : 7.4/7

Left: 309.204+/-219.708 χ^2/NDF : 24.0/17

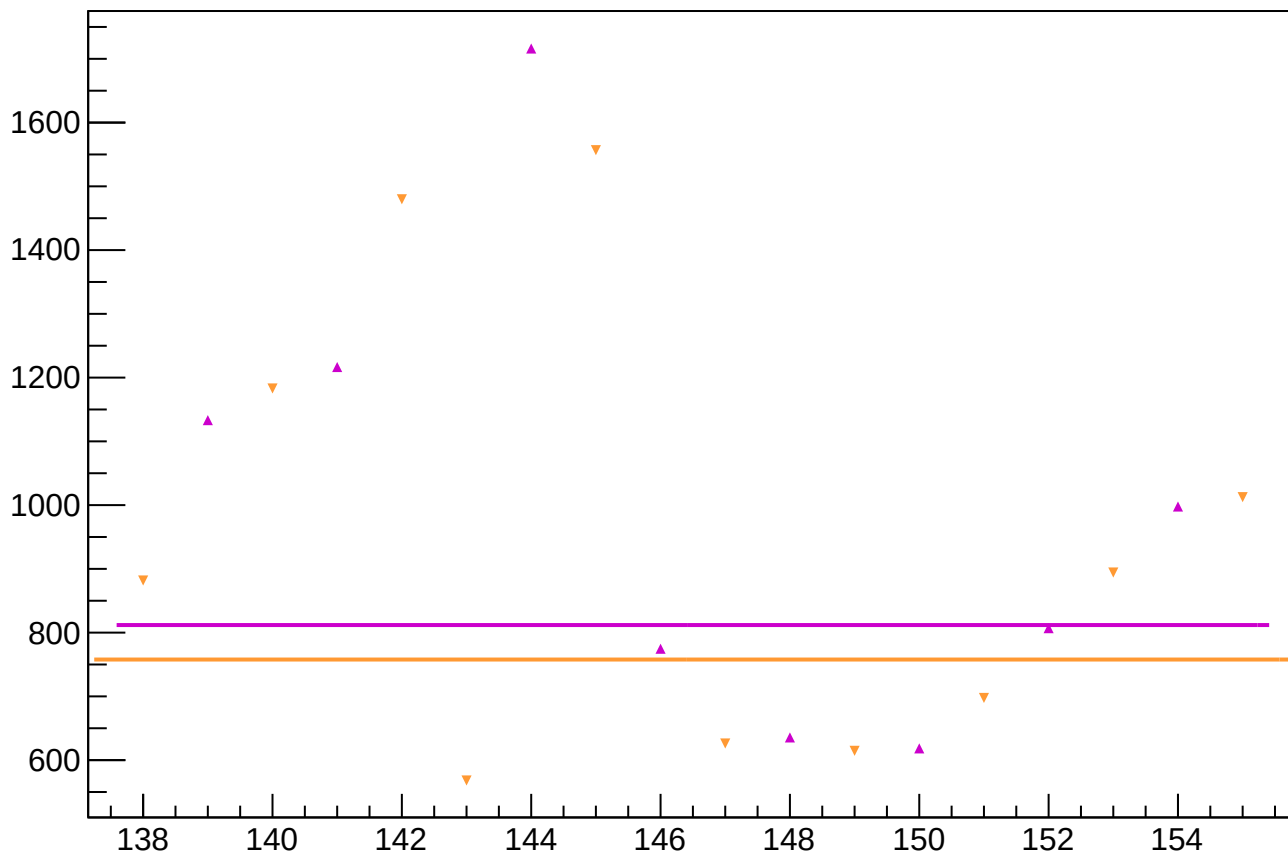
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.127+/-329.715 χ^2/NDF : 7.4/7

Out: 576.221+/-294.660 χ^2/NDF : 14.8/9

All: 309.204+/-219.708 χ^2/NDF : 24.0/17

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 757.790+/-0.208 χ^2/NDF :1247993.6/9

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

Left In: 811.873+/-0.233 χ^2/NDF :1141087.3/7

Left: 781.805+/-0.155 χ^2/NDF : 2418998.9/17

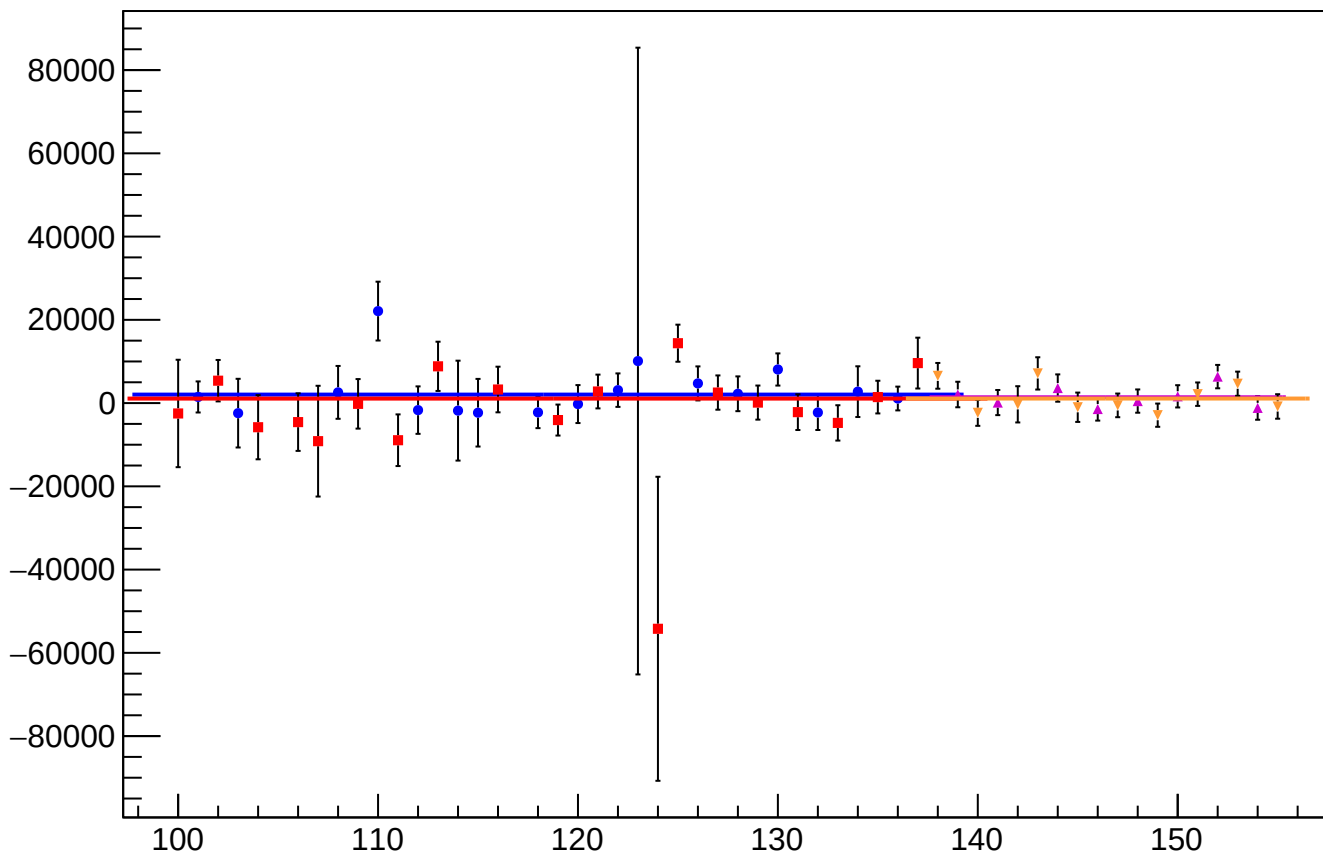
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 811.873+/-0.233 χ^2/NDF :1141087.3/7

Out: 757.790+/-0.208 χ^2/NDF :1247993.6/9

All: 781.805+/-0.155 χ^2/NDF : 2418998.9/17

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1090.843+/-990.847 χ^2/NDF : 11.6/9

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

Left In: 1399.723+/-1022.754 χ^2/NDF : 5.8/7

Left: 1240.390+/-711.647 χ^2/NDF : 17.4/17

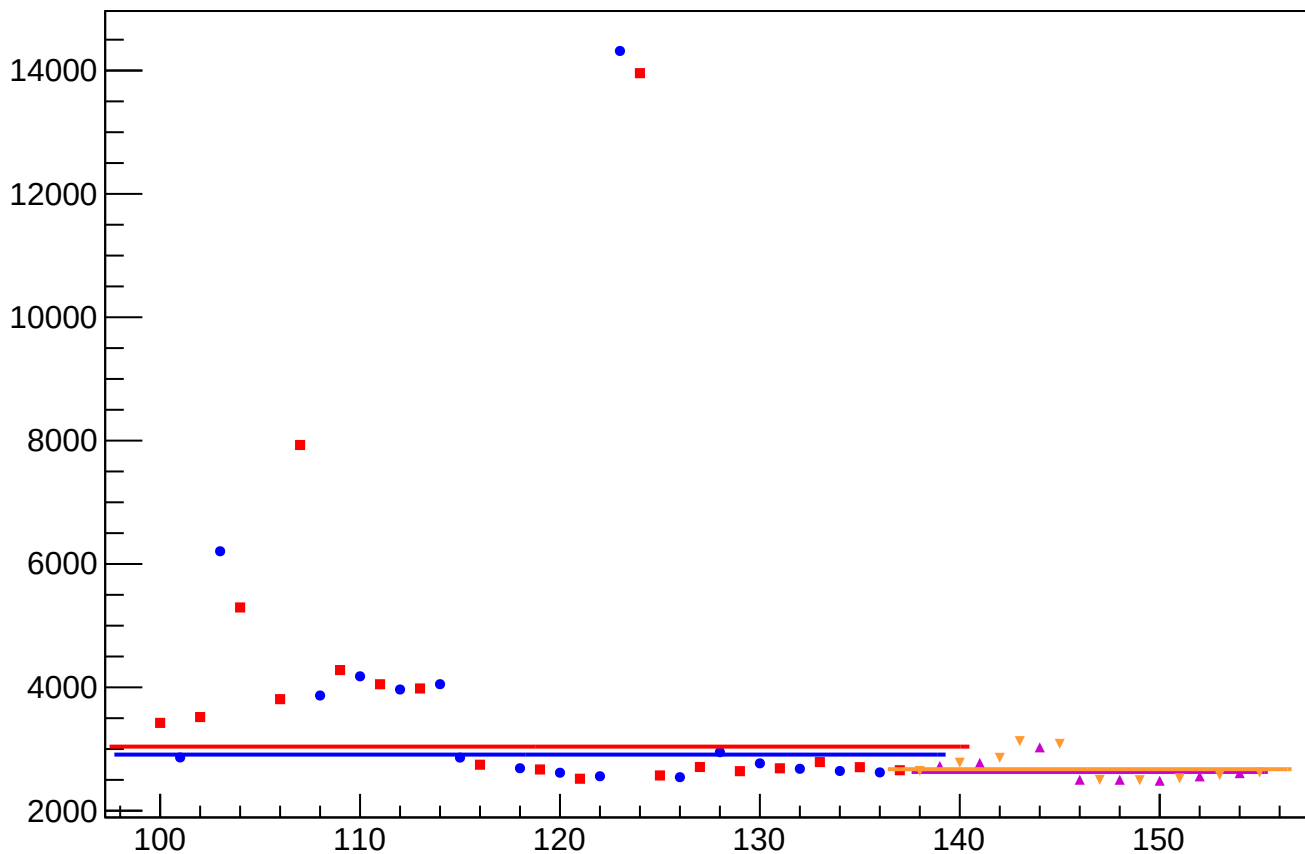
Right: 1573.398+/-826.356 χ^2/NDF : 40.5/35

In: 1681.134+/-764.656 χ^2/NDF : 20.8/24

Out: 1086.440+/-760.572 χ^2/NDF : 37.0/28

All: 1382.195+/-539.244 χ^2/NDF : 58.0/53

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2672.881+/-0.701 χ^2/NDF : 84654.3/9

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

Left In: 2628.427+/-0.723 χ^2/NDF : 51363.8/7

Left: 2651.358+/-0.503 χ^2/NDF : 137967.2/17

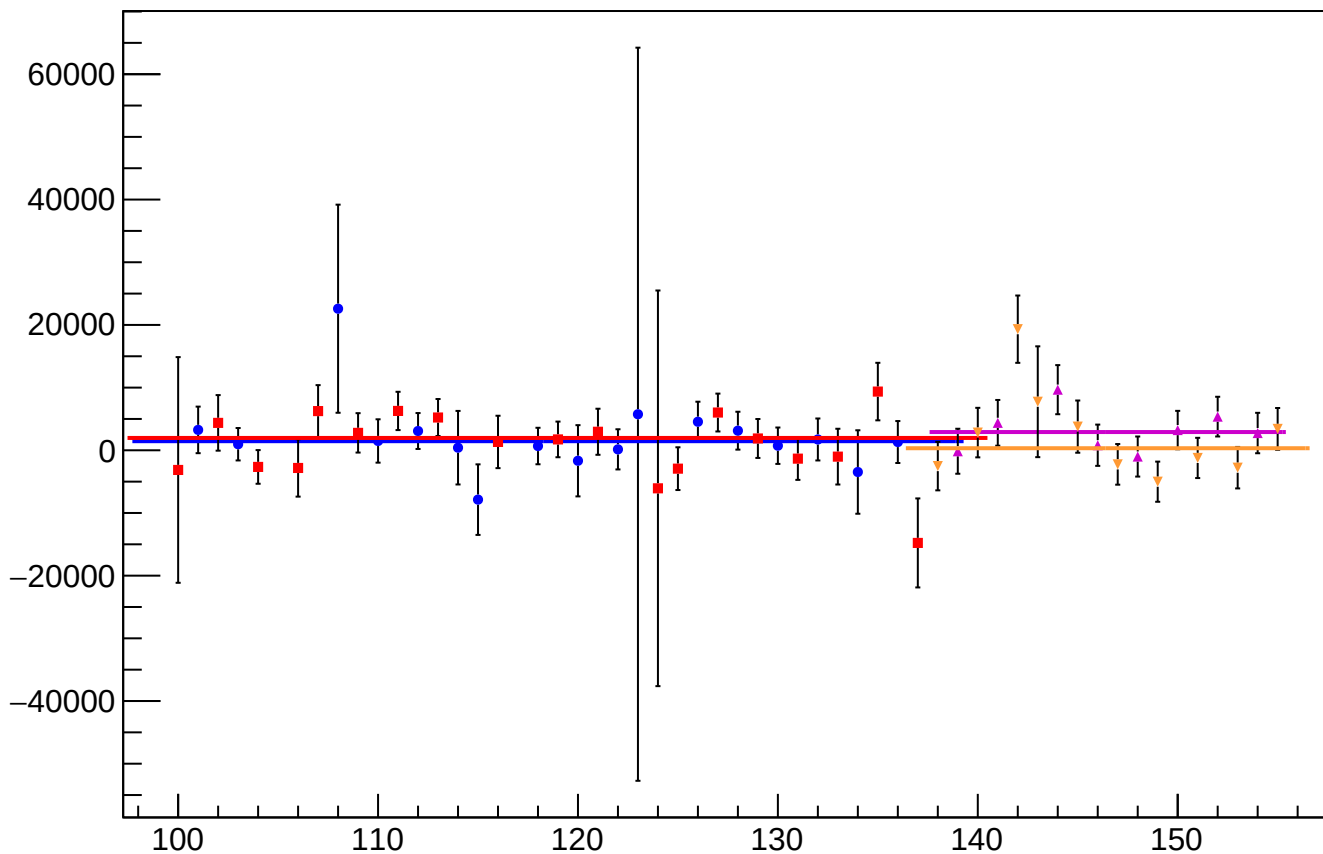
Right: 2972.475+/-0.584 χ^2/NDF : 1665447.8/35

In: 2752.491+/-0.541 χ^2/NDF : 759986.7/24

Out: 2823.329+/-0.538 χ^2/NDF : 1208205.4/28

All: 2788.099+/-0.381 χ^2/NDF : 1976820.2/53

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980 $\pm$ 889.008 χ^2 /NDF: 7.4/16

Left Out: 329.753 $\pm$ 1189.353 χ^2 /NDF:20.2/9

Right Out: 1969.182 $\pm$ 850.490 χ^2 /NDF: 22.4/18

Left In: 2911.010 $\pm$ 1186.312 χ^2 /NDF:6.4/7

Left: 1623.685 $\pm$ 839.922 χ^2 /NDF: 29.0/17

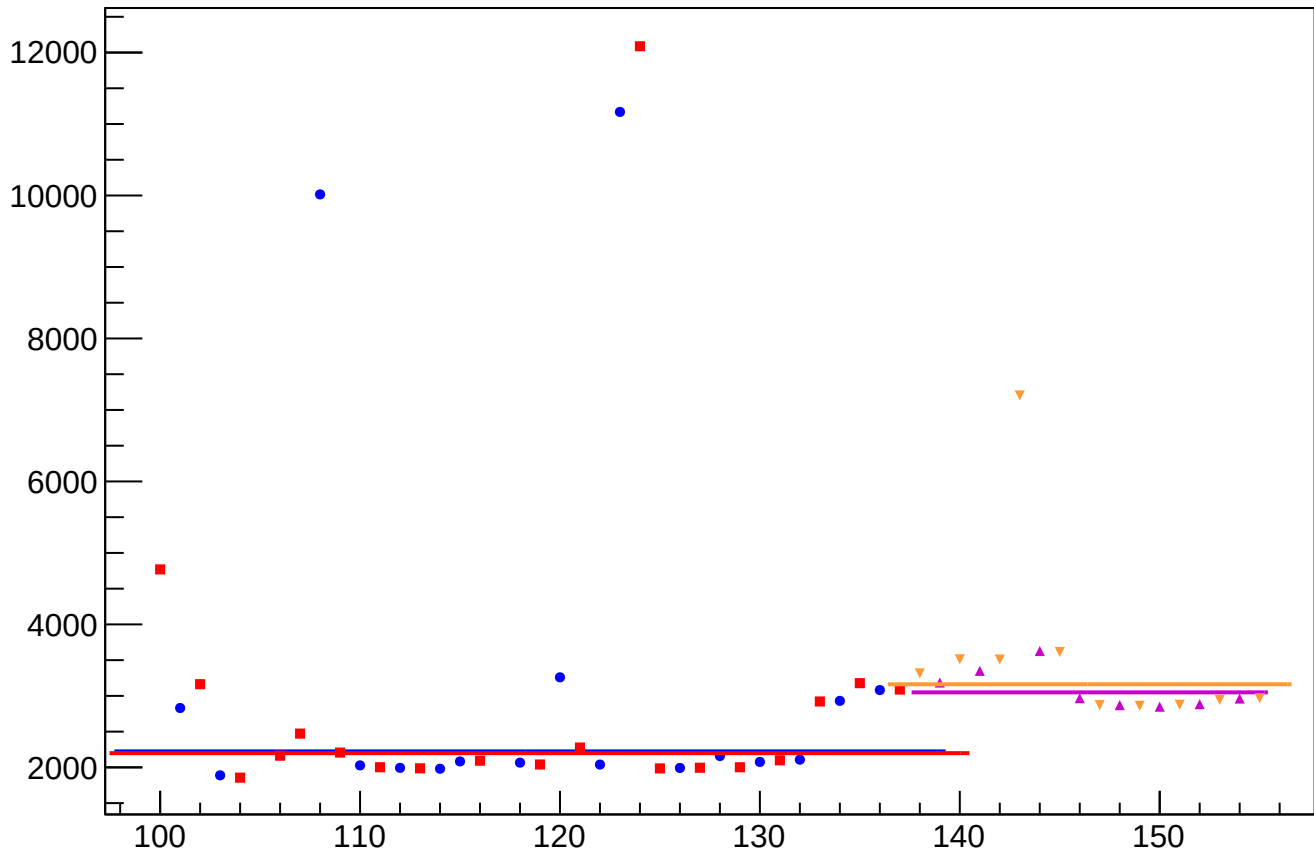
Right: 1722.028 $\pm$ 614.553 χ^2 /NDF: 30.0/35

In: 1976.682 $\pm$ 711.416 χ^2 /NDF:14.8/24

Out: 1414.498 $\pm$ 691.810 χ^2 /NDF:43.9/28

All: 1687.737 $\pm$ 495.970 χ^2 /NDF: 58.9/53

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 3162.166+/-0.841 χ^2/NDF :533620.0/9

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

Left In: 3049.271+/-0.839 χ^2/NDF :83005.1/7

Left: 3105.574+/-0.594 χ^2/NDF : 625658.3/17

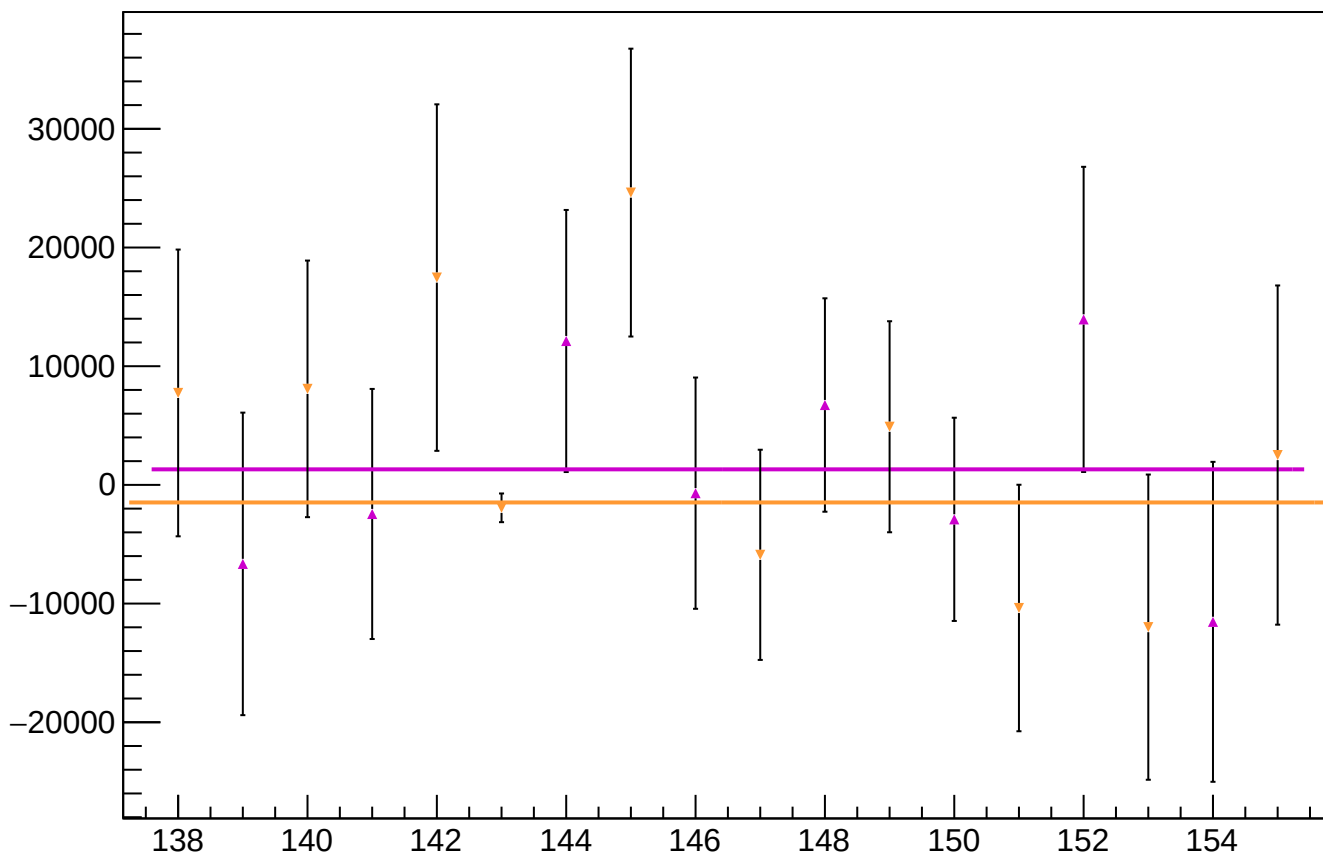
Right: 2210.398+/-0.434 χ^2/NDF : 1453492.9/35

In: 2520.231+/-0.503 χ^2/NDF :1554411.6/24

Out: 2524.406+/-0.489 χ^2/NDF :2004750.1/28

All: 2522.378+/-0.351 χ^2/NDF : 3559197.1/53

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1480.154+/-1149.318 χ^2/NDF :10.1/9

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

Left In: 1309.287+/-3740.577 χ^2/NDF :4.0/7

Left: -1239.529+/-1098.628 χ^2/NDF : 14.6/17

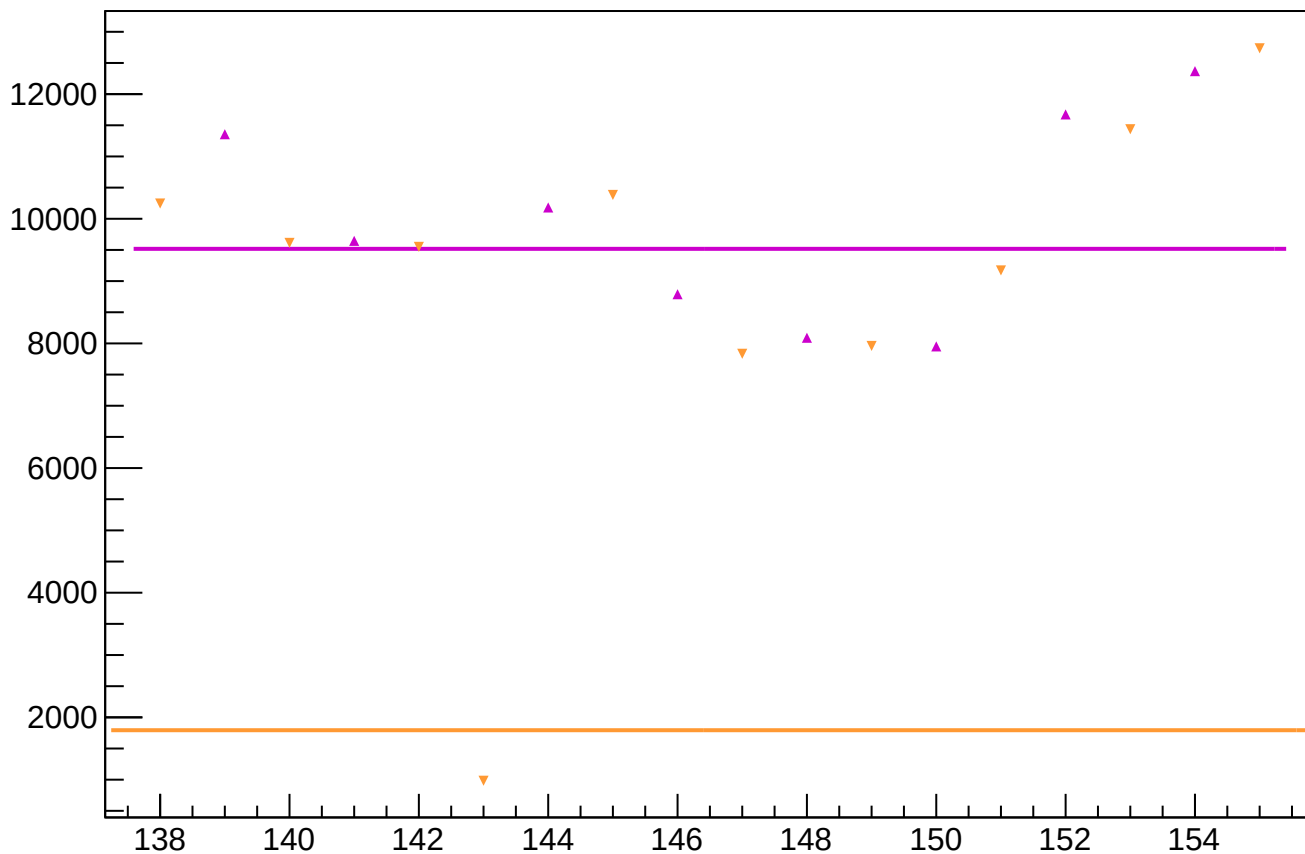
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1309.287+/-3740.577 χ^2/NDF :4.0/7

Out: -1480.154+/-1149.318 χ^2/NDF :10.1/9

All: -1239.529+/-1098.628 χ^2/NDF : 14.6/17

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1793.565+/-0.813 χ^2/NDF :9692079.9/9

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

Left In: 9517.612+/-2.645 χ^2/NDF :323352.0/7

Left: 2459.864+/-0.777 χ^2/NDF : 17807701.7/17

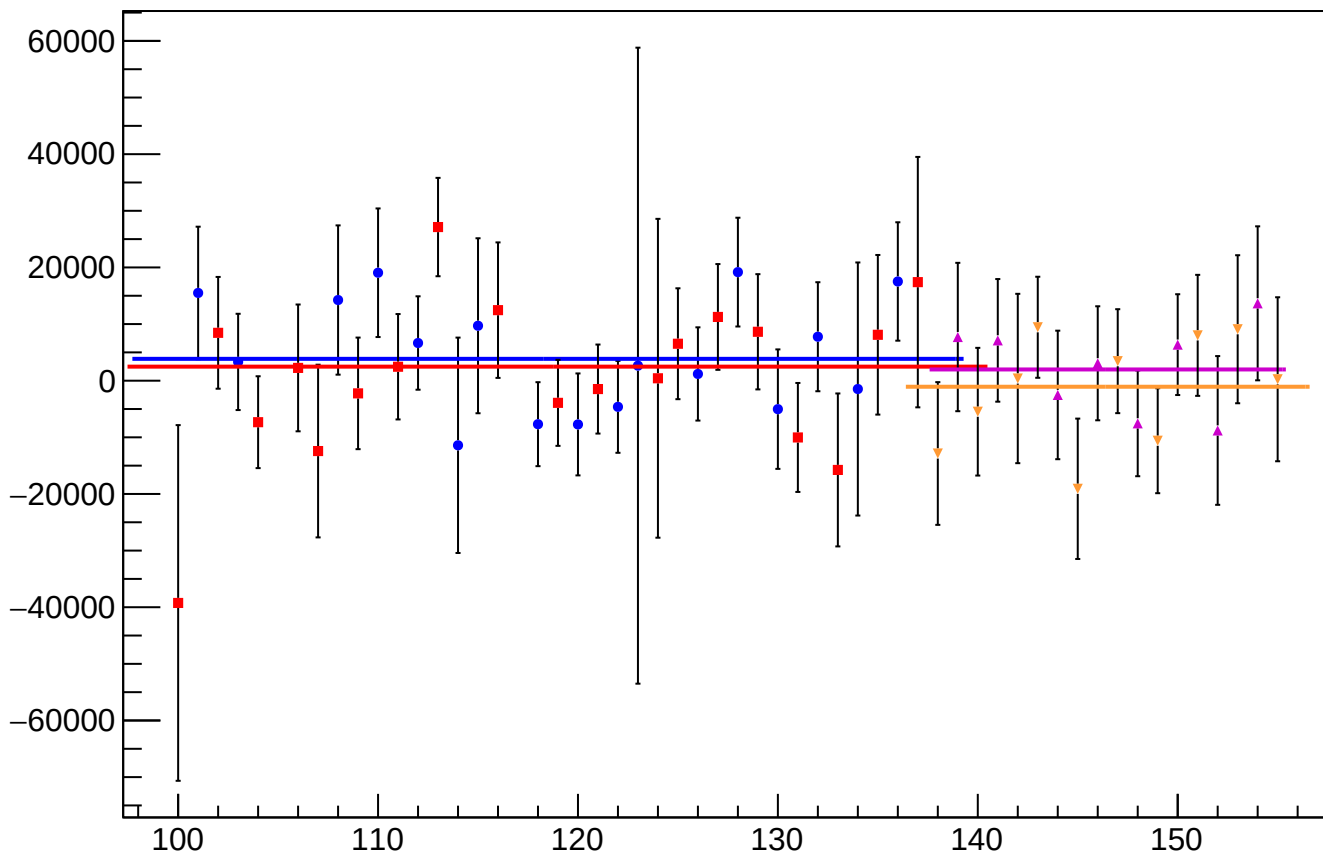
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9517.612+/-2.645 χ^2/NDF :323352.0/7

Out: 1793.565+/-0.813 χ^2/NDF :9692079.9/9

All: 2459.864+/-0.777 χ^2/NDF : 17807701.7/34

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866 $\pm$ 2508.782 χ^2 /NDF: 14.8/16

Left Out: -1066.787 $\pm$ 3522.130 χ^2 /NDF: 7.2/9

Right Out: 2482.925 $\pm$ 2421.310 χ^2 /NDF: 20.0/18

Left In: 1984.643 $\pm$ 3854.929 χ^2 /NDF: 3.3/7

Left: 321.549 $\pm$ 2600.232 χ^2 /NDF: 10.8/17

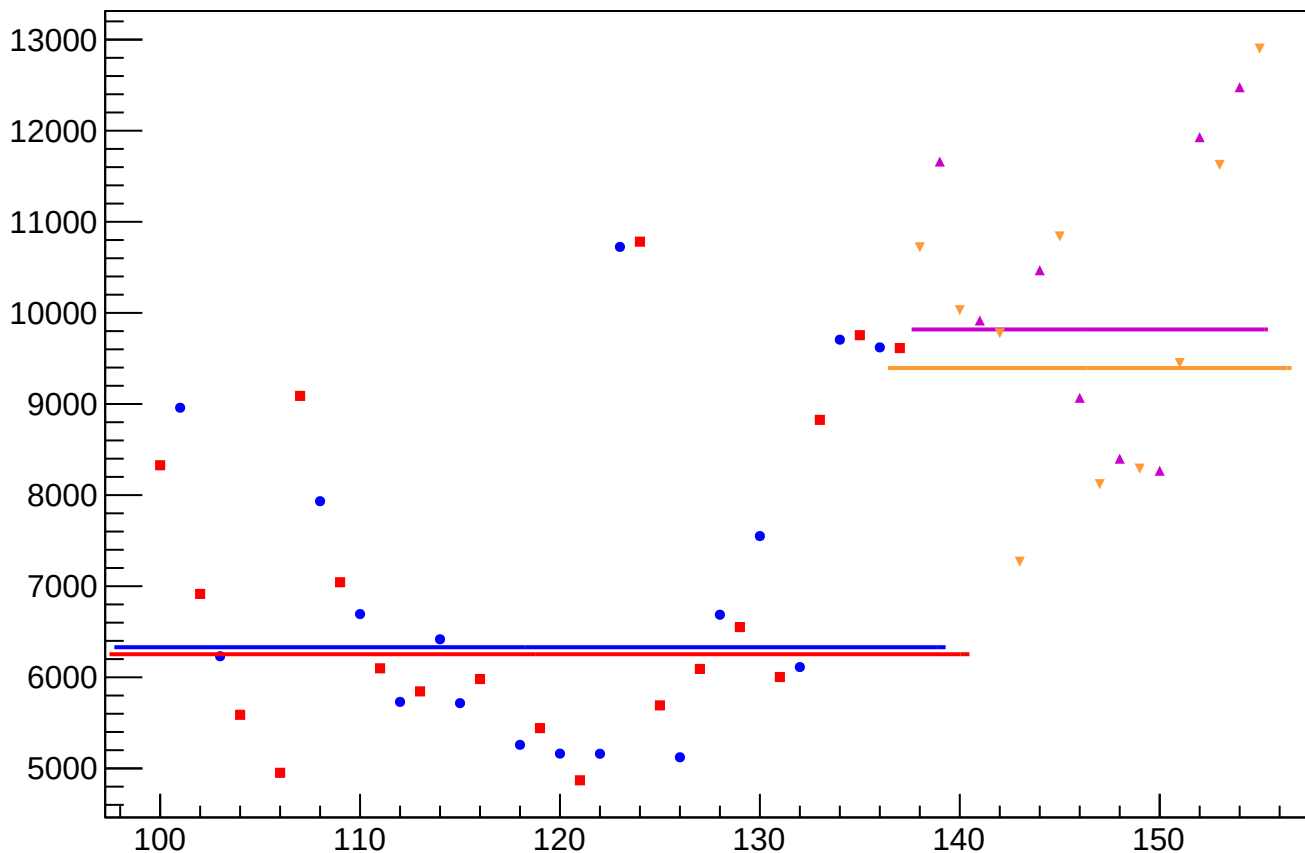
Right: 3146.972 $\pm$ 1742.228 χ^2 /NDF: 35.0/35

In: 3301.940 $\pm$ 2102.705 χ^2 /NDF: 18.2/24

Out: 1343.726 $\pm$ 1995.302 χ^2 /NDF: 27.9/28

All: 2271.546 $\pm$ 1447.372 χ^2 /NDF: 46.6/53

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF : 593395.6/16

Left Out: 9394.781+/-2.491 χ^2/NDF : 412950.7/9

Right Out: 6253.330+/-1.712 χ^2/NDF : 535355.5/18

Left In: 9818.427+/-2.726 χ^2/NDF : 292470.9/7

Left: 9587.531+/-1.839 χ^2/NDF : 718586.5/17

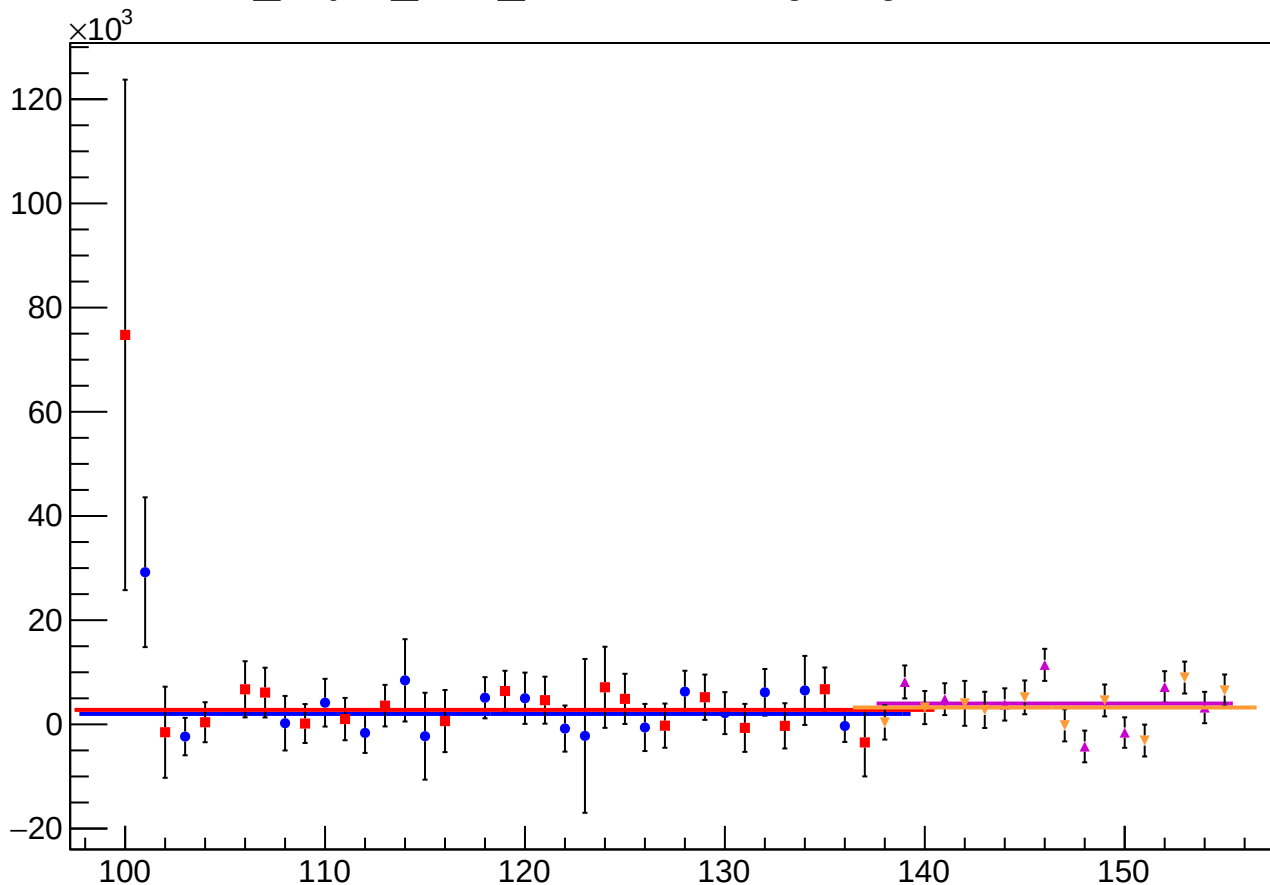
Right: 6290.444+/-1.232 χ^2/NDF : 1129725.5/35

In: 7368.093+/-1.487 χ^2/NDF : 2036179.3/24

Out: 7261.444+/-1.411 χ^2/NDF : 2028766.7/28

All: 7311.974+/-1.023 χ^2/NDF : 4067653.4/53

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF : 12.1/16

Left Out: 3235.271+/-1023.646 χ^2/NDF : 11.5/9

Right Out: 2781.006+/-1086.164 χ^2/NDF : 9.9/18

Left In: 3994.182+/-1077.293 χ^2/NDF : 19.8/7

Left: 3595.361+/-742.068 χ^2/NDF : 31.6/17

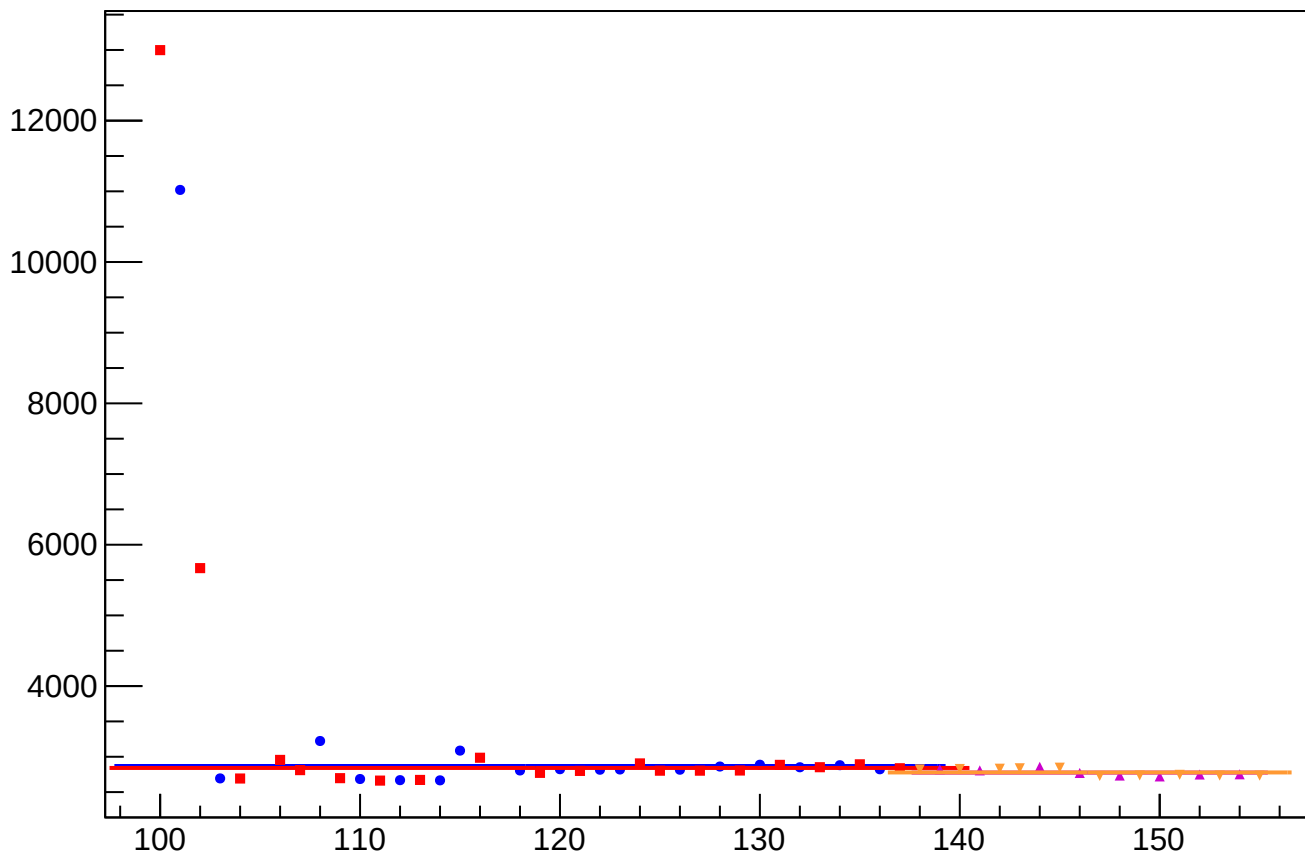
Right: 2409.980+/-784.479 χ^2/NDF : 22.2/35

In: 3050.960+/-781.118 χ^2/NDF : 33.4/24

Out: 3021.587+/-744.948 χ^2/NDF : 21.5/28

All: 3035.578+/-539.091 χ^2/NDF : 55.0/53

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

Left Out: 2778.013+/-0.724 χ^2/NDF : 4535.0/9

Right Out: 2841.561+/-0.768 χ^2/NDF : 312523.0/18

Left In: 2775.567+/-0.762 χ^2/NDF : 3397.7/7

Left: 2776.852+/-0.525 χ^2/NDF : 7938.1/17

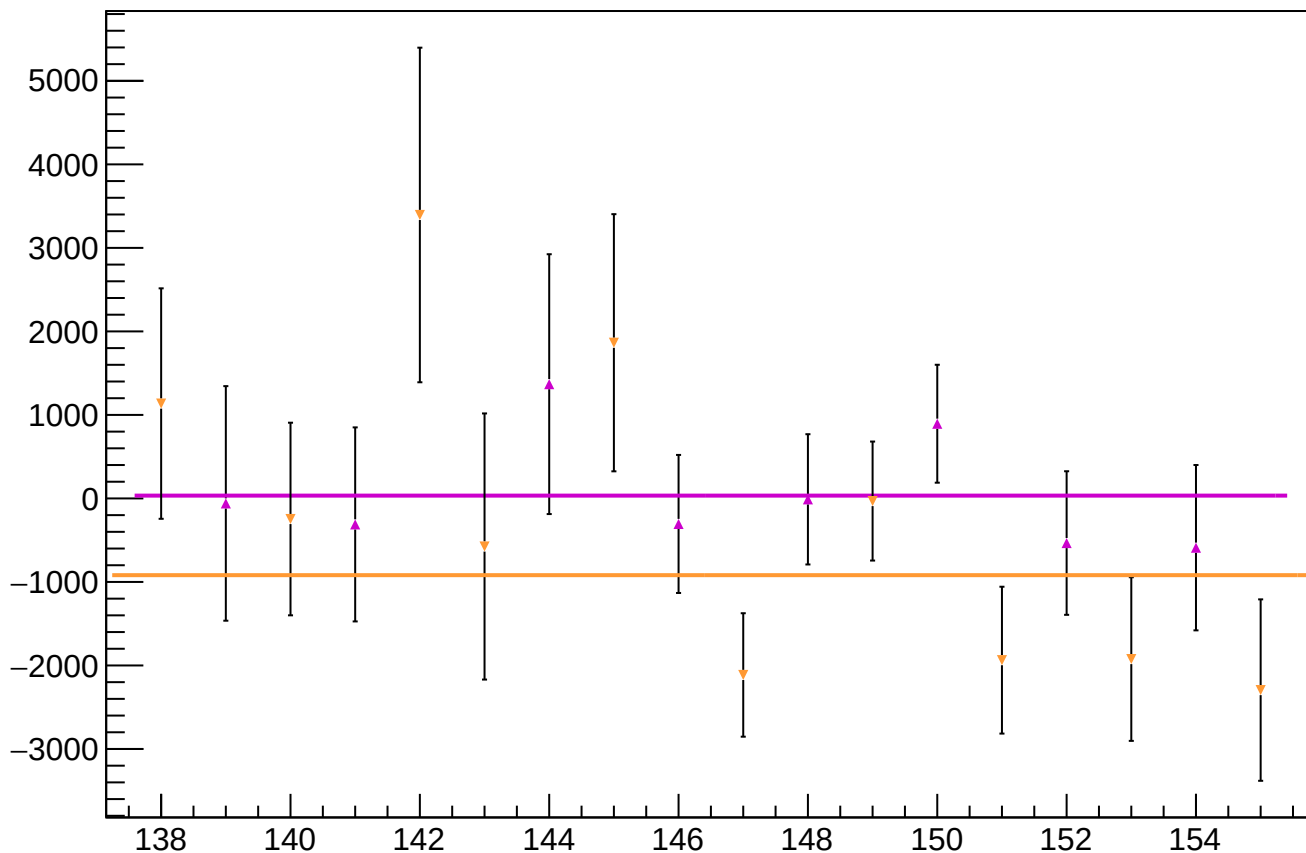
Right: 2854.781+/-0.555 χ^2/NDF : 983042.8/35

In: 2819.972+/-0.552 χ^2/NDF : 680463.2/24

Out: 2807.905+/-0.527 χ^2/NDF : 320683.8/28

All: 2813.653+/-0.381 χ^2/NDF : 1001396.9/53

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -918.808+/-327.464 χ^2/NDF :18.7/9

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

Left In: 33.783+/-330.603 χ^2/NDF :3.3/7

Left: -447.055+/-232.654 χ^2/NDF : 26.2/17

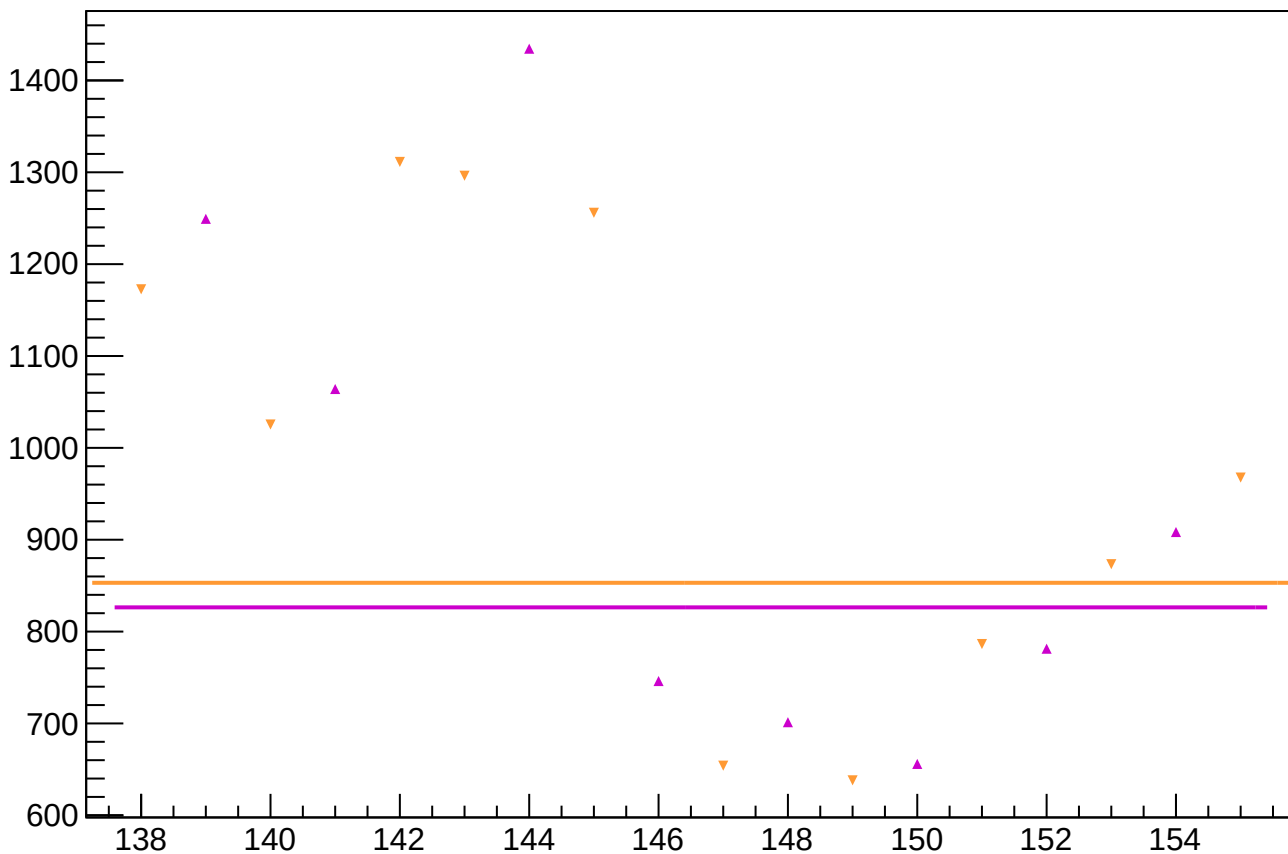
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 33.783+/-330.603 χ^2/NDF :3.3/7

Out: -918.808+/-327.464 χ^2/NDF :18.7/9

All: -447.055+/-232.654 χ^2/NDF : 26.2/17

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 853.103+/-0.232 χ^2/NDF :910025.3/9

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

Left In: 826.358+/-0.234 χ^2/NDF :776865.2/7

Left: 839.858+/-0.165 χ^2/NDF : 1693497.3/17

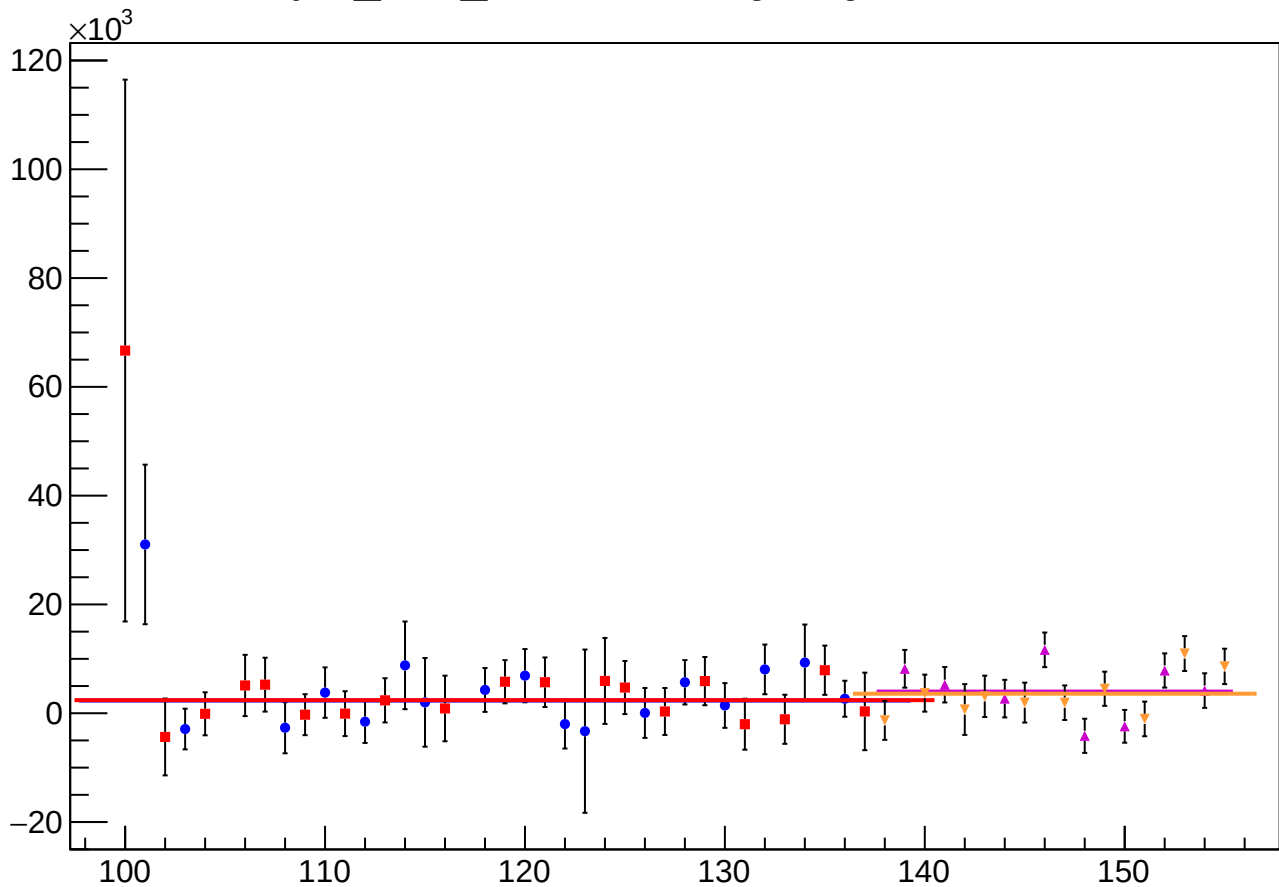
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 826.358+/-0.234 χ^2/NDF :776865.2/7

Out: 853.103+/-0.232 χ^2/NDF :910025.3/9

All: 839.858+/-0.165 χ^2/NDF : 1693497.3/17

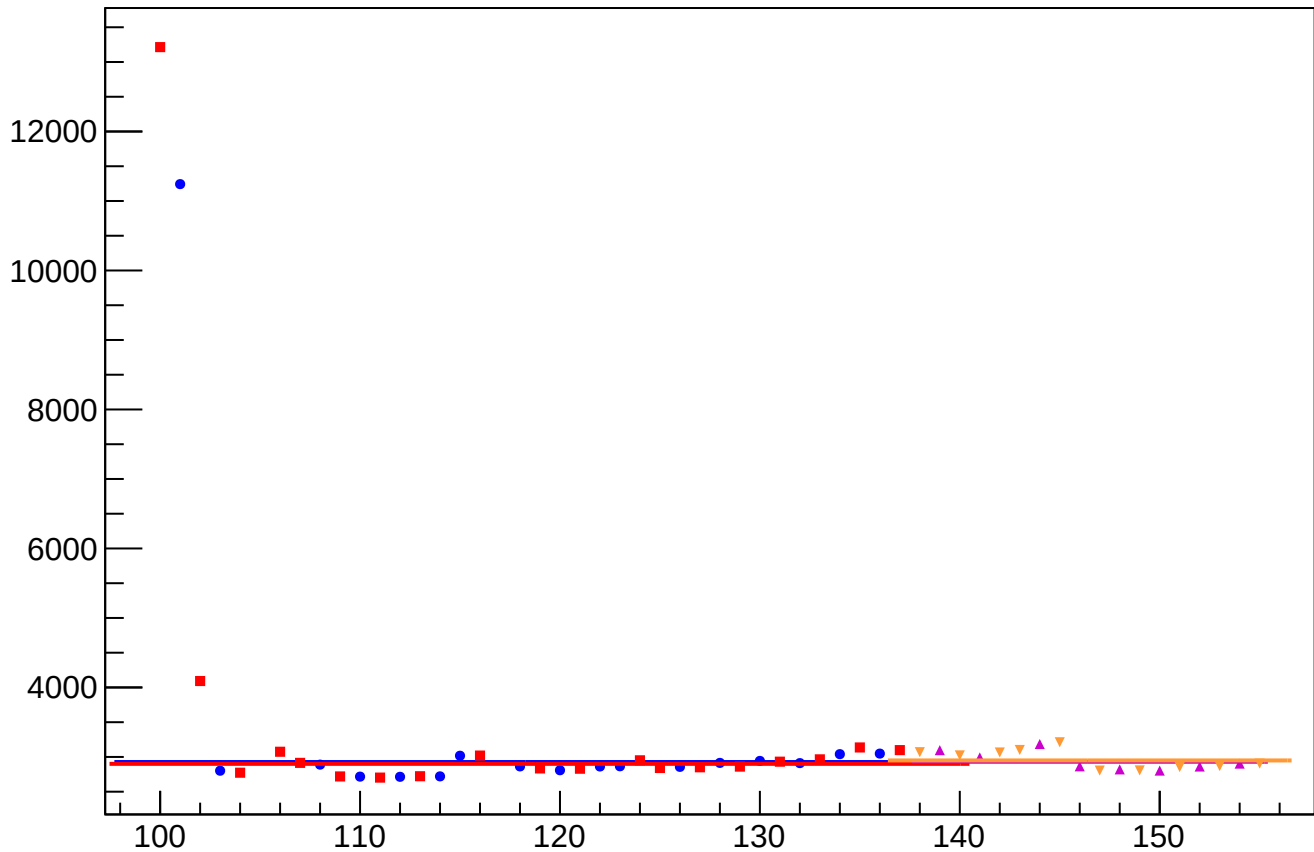
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF : 14.4/16
 Left Out: 3587.563+/-1088.094 χ^2/NDF : 12.6/9
 Right Out: 2403.750+/-1110.093 χ^2/NDF : 10.1/18
 Left In: 3980.222+/-1138.556 χ^2/NDF : 20.3/7

Left: 3774.999+/-786.633 χ^2/NDF : 33.0/17
 Right: 2368.450+/-800.876 χ^2/NDF : 24.5/35
 In: 3168.117+/-811.369 χ^2/NDF : 35.7/24
 Out: 3007.503+/-777.060 χ^2/NDF : 23.3/28
 All: 3084.342+/-561.202 χ^2/NDF : 59.0/53

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 2949.716+/-0.769 χ^2/NDF : 29504.6/9

Right Out: 2900.827+/-0.785 χ^2/NDF : 169866.6/18

Left In: 2930.983+/-0.805 χ^2/NDF : 24189.1/7

Left: 2940.774+/-0.556 χ^2/NDF : 53976.6/17

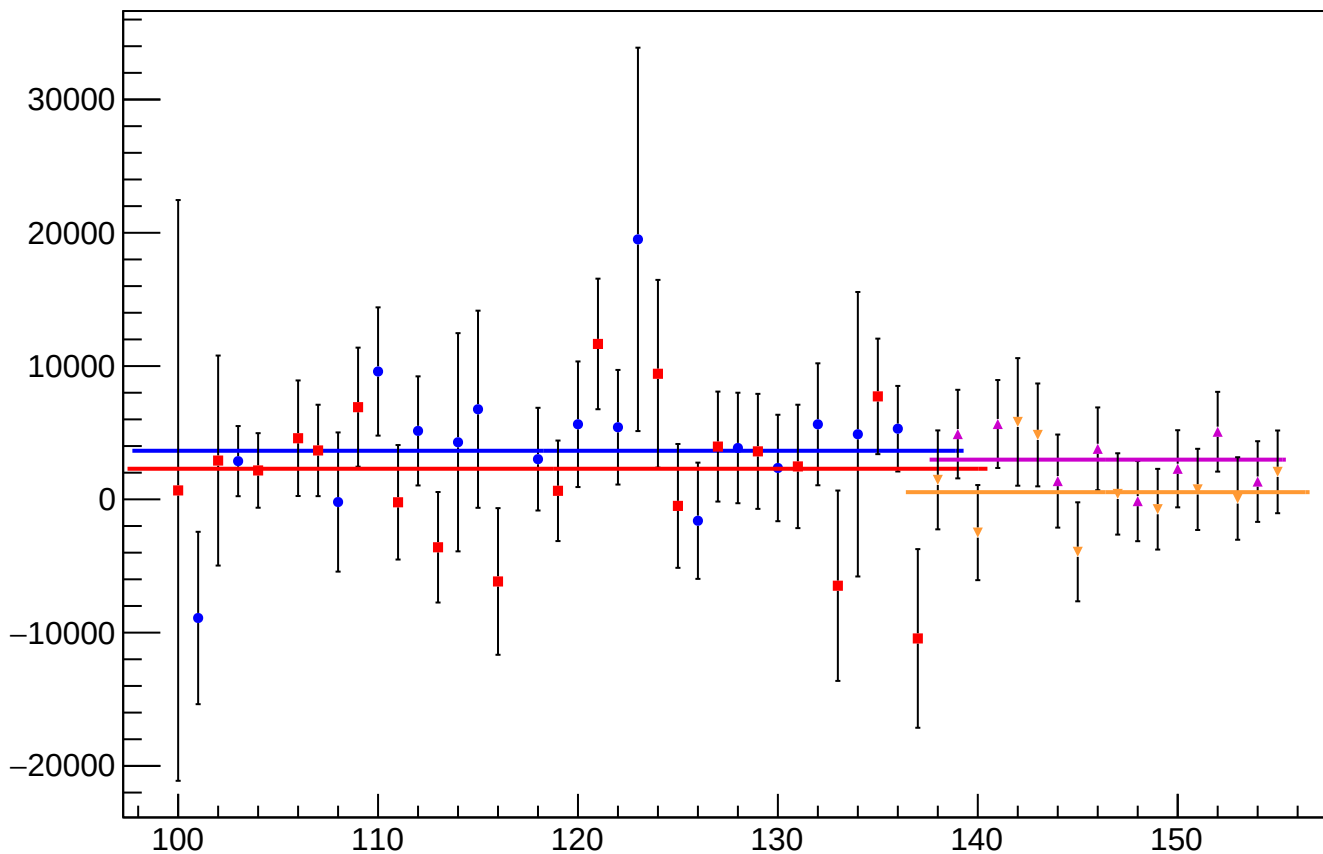
Right: 2913.190+/-0.566 χ^2/NDF : 833178.3/35

In: 2928.831+/-0.574 χ^2/NDF : 686998.0/24

Out: 2925.761+/-0.549 χ^2/NDF : 201349.6/28

All: 2927.230+/-0.397 χ^2/NDF : 888362.5/53

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268 $\pm$ 1091.486 χ^2 /NDF: 9.9/16

Left Out: 539.347 $\pm$ 1074.009 χ^2 /NDF:5.1/9

Right Out: 2295.846 $\pm$ 1046.865 χ^2 /NDF: 18.4/18

Left In: 2979.375 $\pm$ 1105.042 χ^2 /NDF:3.2/7

Left: 1724.619 $\pm$ 770.176 χ^2 /NDF: 10.8/17

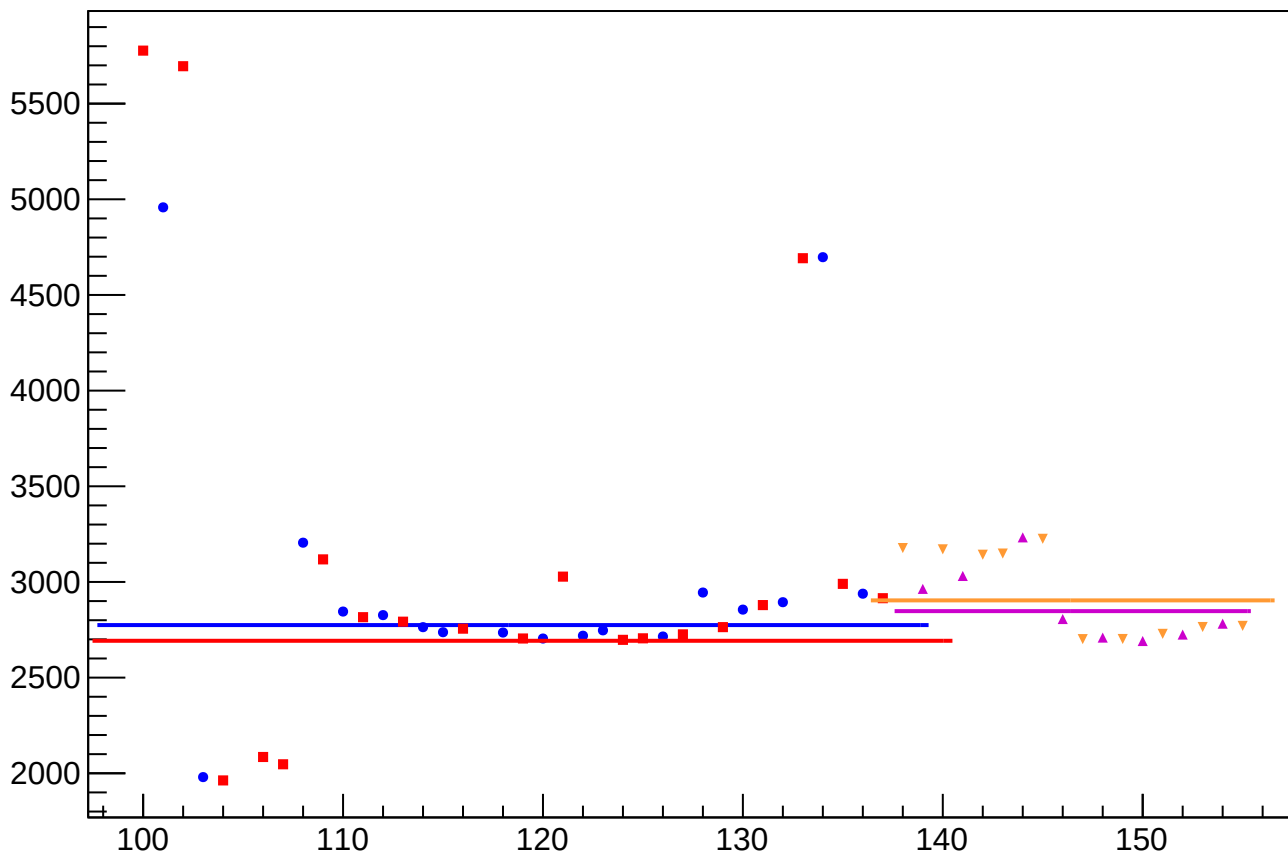
Right: 2942.410 $\pm$ 755.528 χ^2 /NDF: 29.1/35

In: 3316.431 $\pm$ 776.546 χ^2 /NDF:13.2/24

Out: 1440.073 $\pm$ 749.658 χ^2 /NDF:24.9/28

All: 2345.206 $\pm$ 539.343 χ^2 /NDF: 41.2/53

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617 $\pm$ 0.772 χ^2 /NDF: 501680.3/16

Left Out: 2903.655 $\pm$ 0.759 χ^2 /NDF: 82104.1/9

Right Out: 2692.509 $\pm$ 0.740 χ^2 /NDF: 780267.3/18

Left In: 2847.531 $\pm$ 0.781 χ^2 /NDF: 47739.6/7

Left: 2876.392 $\pm$ 0.545 χ^2 /NDF: 132496.7/17

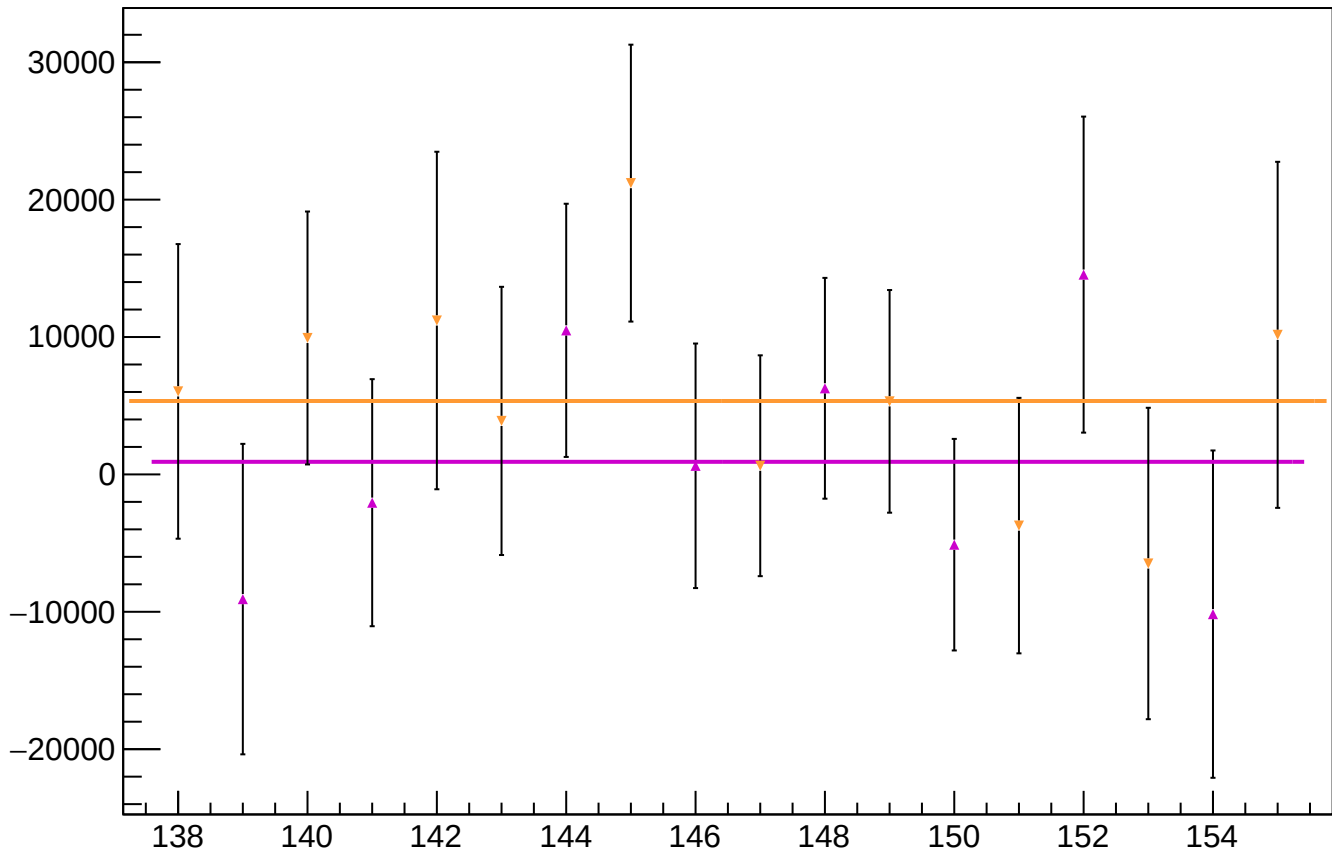
Right: 2731.837 $\pm$ 0.534 χ^2 /NDF: 1287844.4/35

In: 2810.624 $\pm$ 0.549 χ^2 /NDF: 553827.3/24

Out: 2795.346 $\pm$ 0.530 χ^2 /NDF: 902023.0/28

All: 2802.715 $\pm$ 0.381 χ^2 /NDF: 1456251.1/53

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 5343.150+/-3103.401 χ^2/NDF :5.5/9

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

Left In: 916.434+/-3304.843 χ^2/NDF :5.3/7

Left: 3268.808+/-2262.300 χ^2/NDF : 11.8/17

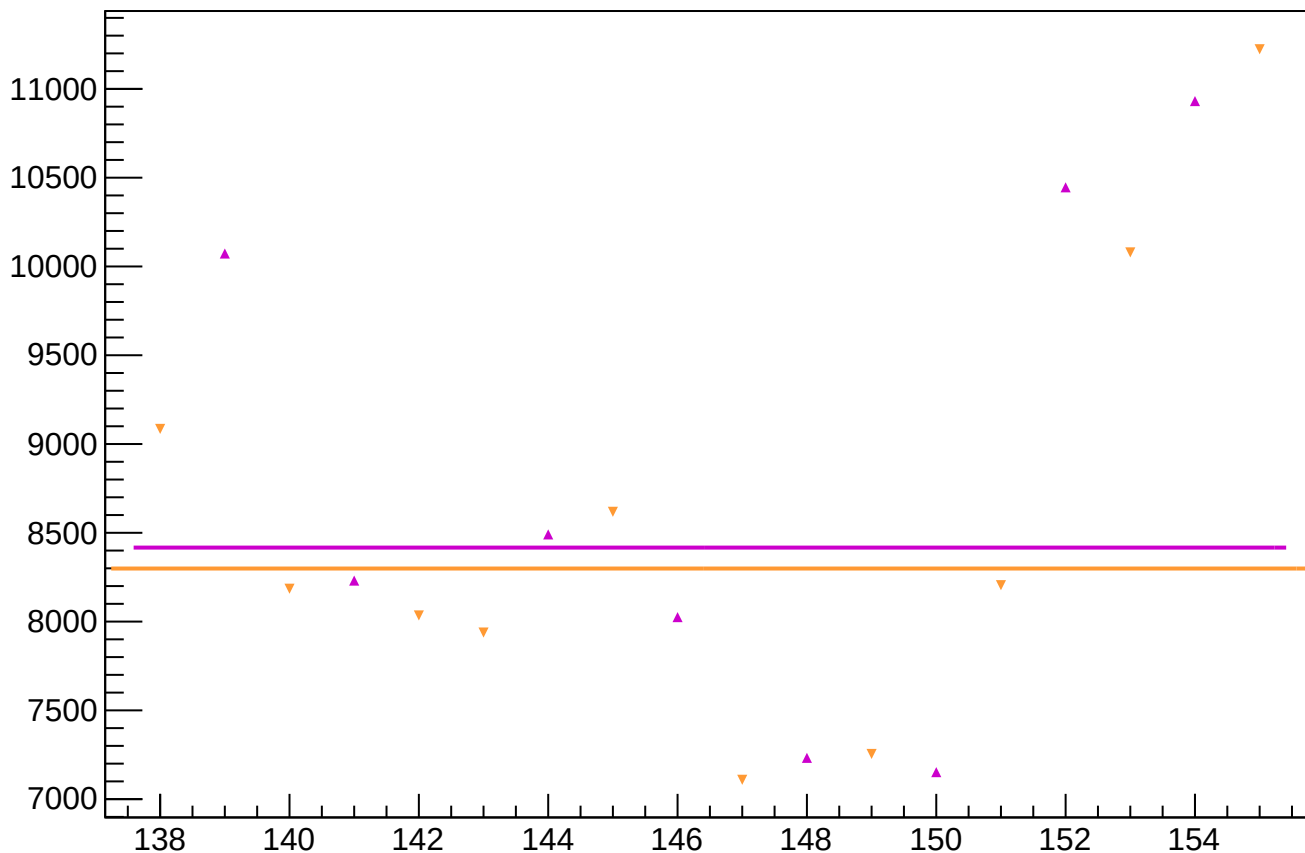
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 916.434+/-3304.843 χ^2/NDF :5.3/7

Out: 5343.150+/-3103.401 χ^2/NDF :5.5/9

All: 3268.808+/-2262.300 χ^2/NDF : 11.8/17

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8298.803+/-2.194 χ^2/NDF :251162.3/9

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

Left In: 8416.709+/-2.337 χ^2/NDF :296553.1/7

Left: 8354.053+/-1.600 χ^2/NDF : 549068.1/17

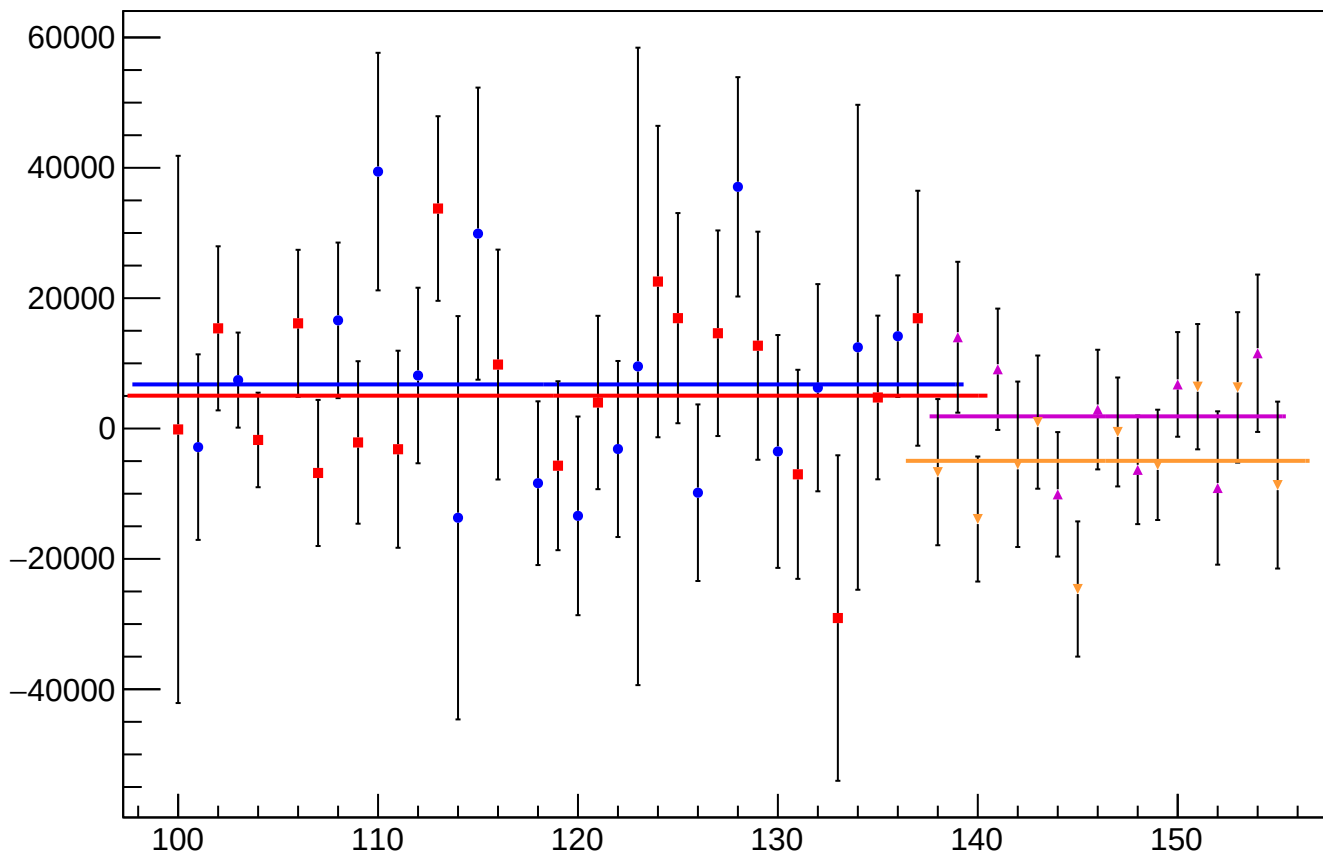
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8416.709+/-2.337 χ^2/NDF :296553.1/7

Out: 8298.803+/-2.194 χ^2/NDF :251162.3/9

All: 8354.053+/-1.600 χ^2/NDF : 549068.1/17

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -4957.613+/-3217.204 χ^2/NDF : 7.5/9

Right Out: 5041.440+/-3167.616 χ^2/NDF : 13.6/18

Left In: 1867.197+/-3412.750 χ^2/NDF : 6.1/7

Left: -1746.326+/-2340.985 χ^2/NDF : 15.8/17

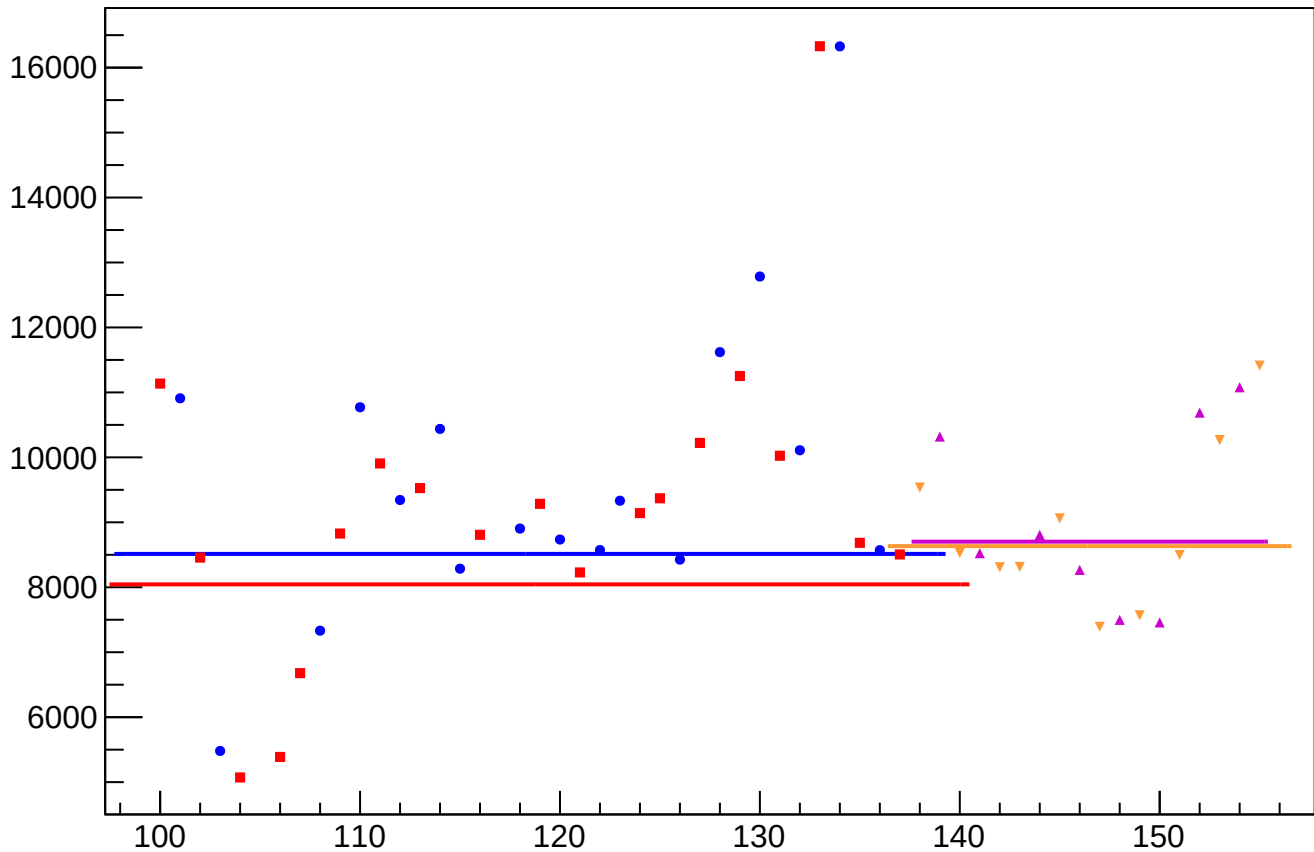
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 4335.755+/-2404.073 χ^2/NDF : 22.5/24

Out: 119.567+/-2257.170 χ^2/NDF : 26.1/28

All: 2094.917+/-1645.544 χ^2/NDF : 50.2/53

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Left Out: 8633.460+/-2.275 χ^2/NDF : 230277.6/9

Right Out: 8044.739+/-2.240 χ^2/NDF : 952310.5/18

Left In: 8702.431+/-2.413 χ^2/NDF : 268794.4/7

Left: 8665.913+/-1.655 χ^2/NDF : 499504.5/17

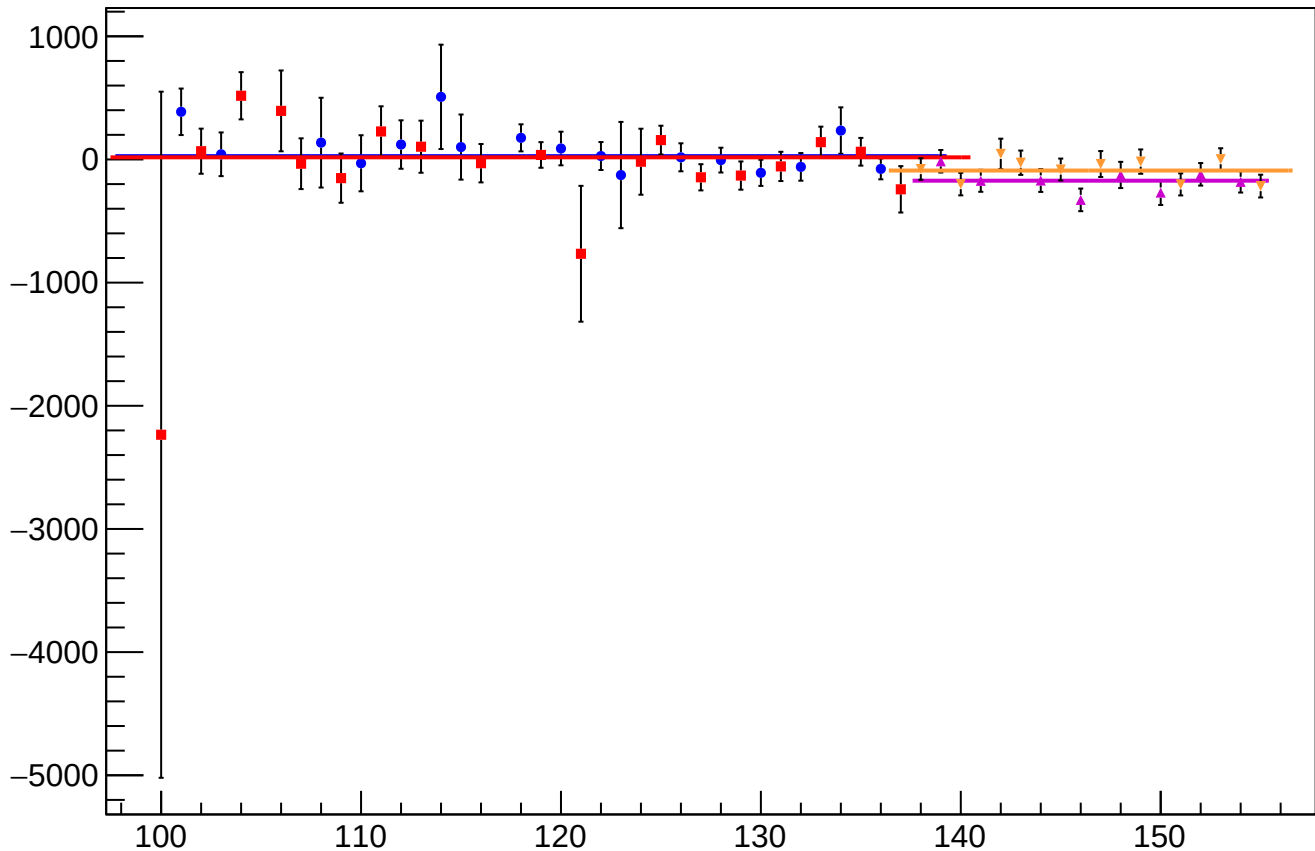
Right: 8263.507+/-1.636 χ^2/NDF : 1735374.5/35

In: 8607.337+/-1.700 χ^2/NDF : 1034491.3/24

Out: 8334.517+/-1.596 χ^2/NDF : 1216595.4/28

All: 8462.335+/-1.164 χ^2/NDF : 2264776.2/53

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932 ± 34.029 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -89.891 ± 30.068 $\chi^2/\text{NDF}: 8.4/9$

Right Out: 17.368 ± 35.548 $\chi^2/\text{NDF}: 21.9/18$

Left In: -172.350 ± 32.995 $\chi^2/\text{NDF}: 7.3/7$

Left: -127.301 ± 22.224 $\chi^2/\text{NDF}: 19.1/17$

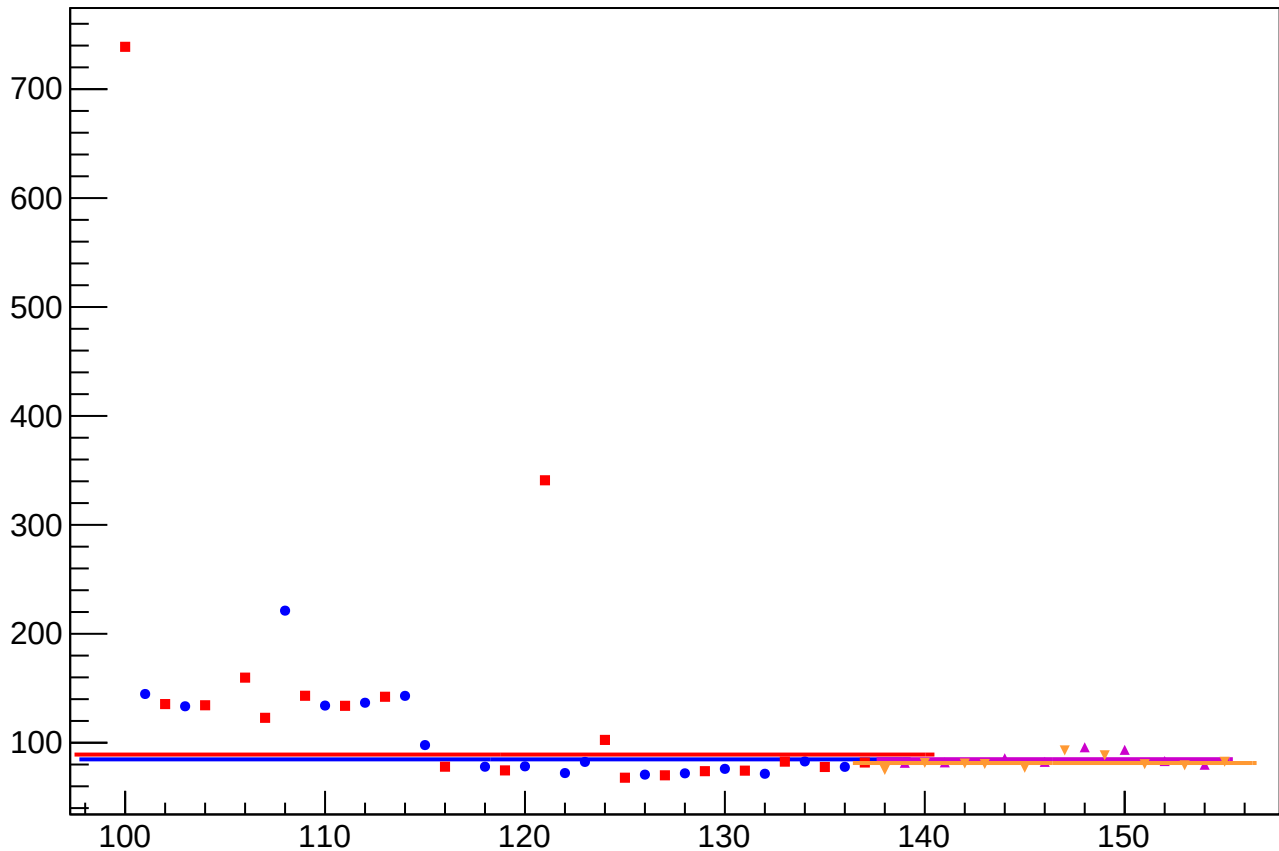
Right: 22.359 ± 24.581 $\chi^2/\text{NDF}: 34.5/35$

In: -75.783 ± 23.688 $\chi^2/\text{NDF}: 37.6/24$

Out: -45.158 ± 22.957 $\chi^2/\text{NDF}: 35.6/28$

All: -59.990 ± 16.485 $\chi^2/\text{NDF}: 74.0/53$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF : 1064420.0/16

Left Out: 81.386+/-0.021 χ^2/NDF : 51795.4/9

Right Out: 89.143+/-0.025 χ^2/NDF : 1559269.8/18

Left In: 84.889+/-0.023 χ^2/NDF : 49599.2/7

Left: 82.975+/-0.016 χ^2/NDF : 113710.0/17

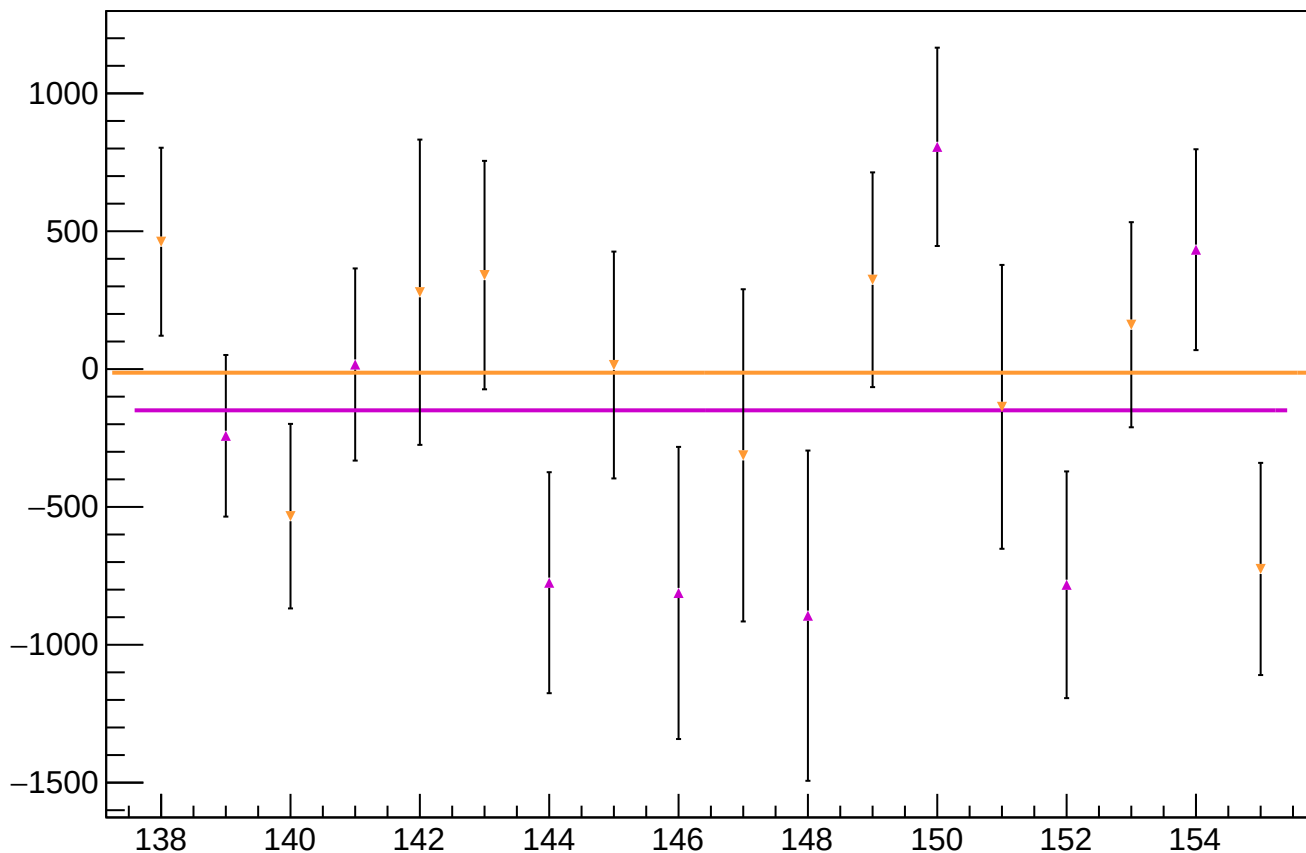
Right: 86.844+/-0.017 χ^2/NDF : 2639723.0/35

In: 84.815+/-0.017 χ^2/NDF : 1114039.8/24

Out: 84.621+/-0.016 χ^2/NDF : 1666581.9/28

All: 84.715+/-0.012 χ^2/NDF : 2780691.0/53

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: -13.101+/-129.503 χ^2/NDF :10.1/9

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

Left In: -149.604+/-136.555 χ^2/NDF :17.9/7

Left: -77.737+/-93.967 χ^2/NDF : 28.5/17

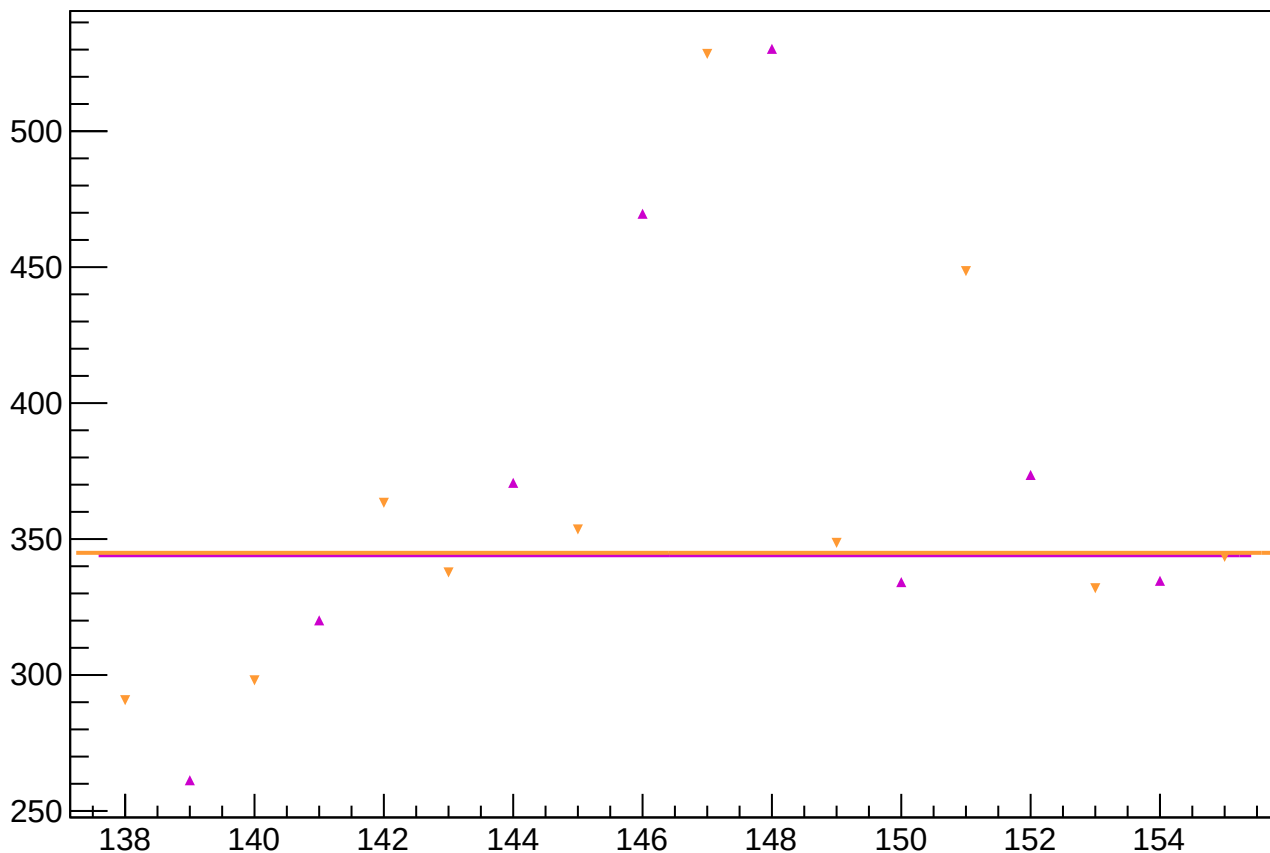
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -149.604+/-136.555 χ^2/NDF :17.9/7

Out: -13.101+/-129.503 χ^2/NDF :10.1/9

All: -77.737+/-93.967 χ^2/NDF : 28.5/17

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 344.938+/-0.092 χ^2/NDF :362576.9/9

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

Left In: 344.046+/-0.097 χ^2/NDF :496573.0/7

Left: 344.515+/-0.066 χ^2/NDF : 859194.8/17

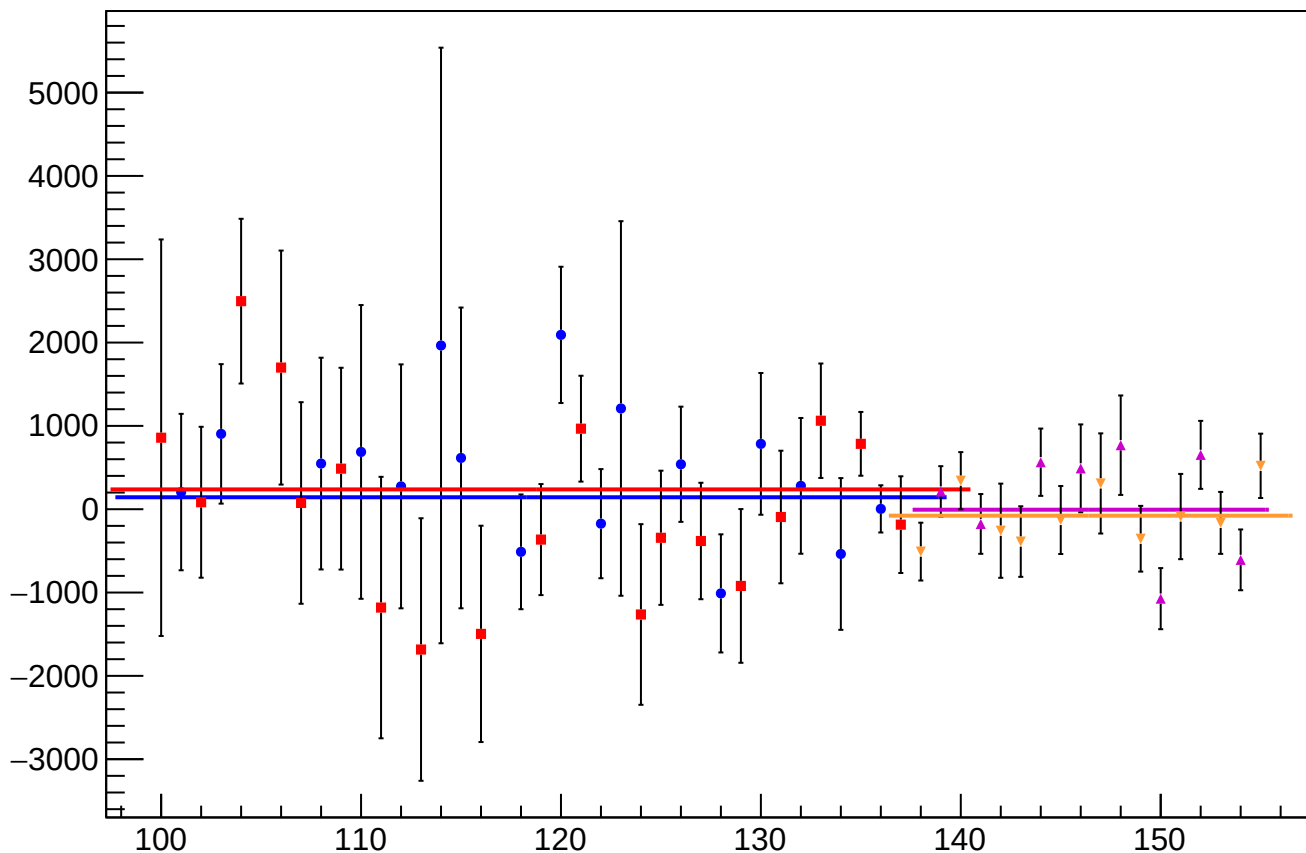
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.046+/-0.097 χ^2/NDF :496573.0/7

Out: 344.938+/-0.092 χ^2/NDF :362576.9/9

All: 344.515+/-0.066 χ^2/NDF : 859194.8/17

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -77.490 $\pm$ 130.766 χ^2 /NDF: 7.1/9

Right Out: 237.821 $\pm$ 183.995 χ^2 /NDF: 21.7/18

Left In: -6.029 $\pm$ 138.519 χ^2 /NDF: 19.1/7

Left: -43.815 $\pm$ 95.088 χ^2 /NDF: 26.3/17

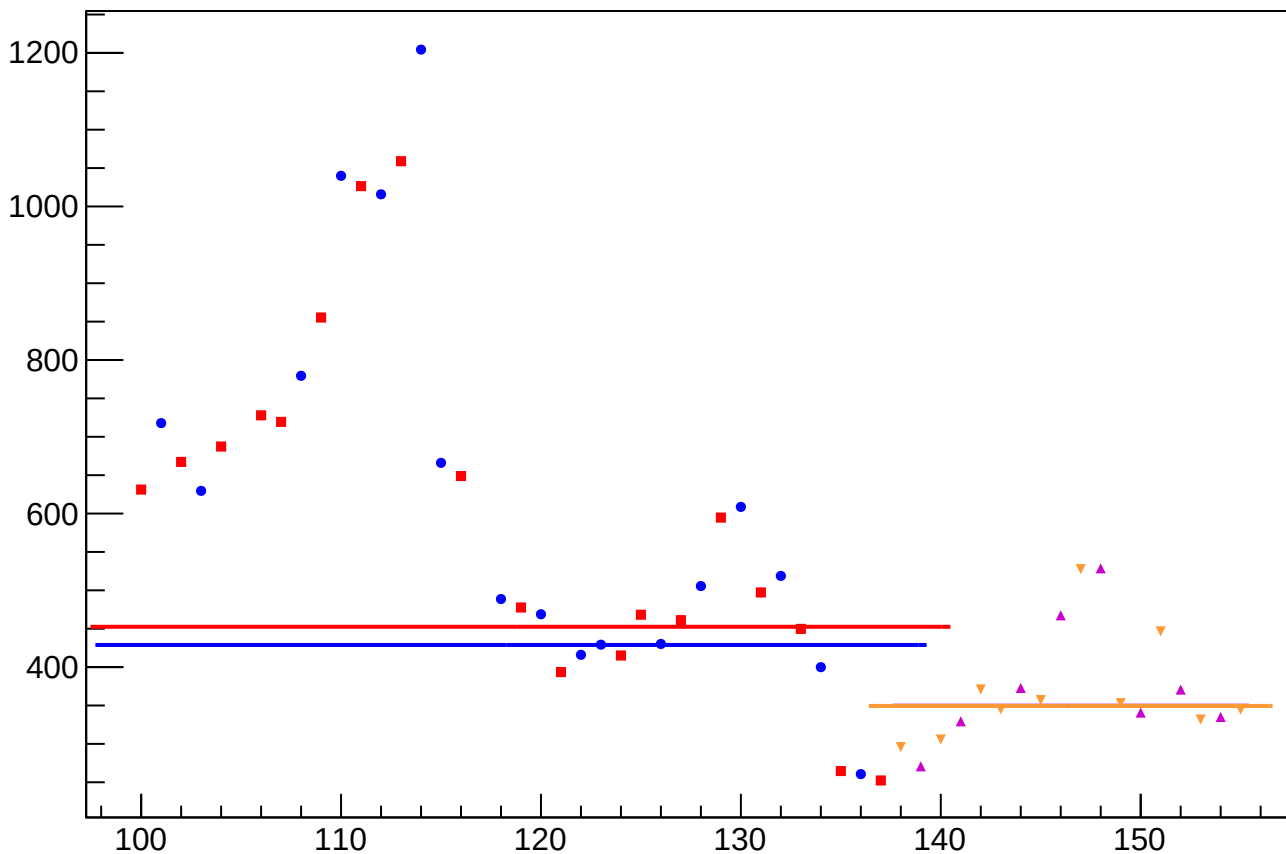
Right: 189.418 $\pm$ 128.389 χ^2 /NDF: 34.6/35

In: 49.879 $\pm$ 109.603 χ^2 /NDF: 32.3/24

Out: 28.325 $\pm$ 106.589 χ^2 /NDF: 30.7/28

All: 38.802 $\pm$ 76.413 χ^2 /NDF: 63.0/53

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856 $\pm$ 0.127 χ^2 /NDF: 2012329.6/16

Left Out: 349.416 $\pm$ 0.092 χ^2 /NDF:336913.6/9

Right Out: 452.517 $\pm$ 0.130 χ^2 /NDF: 2039238.5/18

Left In: 349.756 $\pm$ 0.098 χ^2 /NDF:437524.3/7

Left: 349.577 $\pm$ 0.067 χ^2 /NDF: 774444.3/17

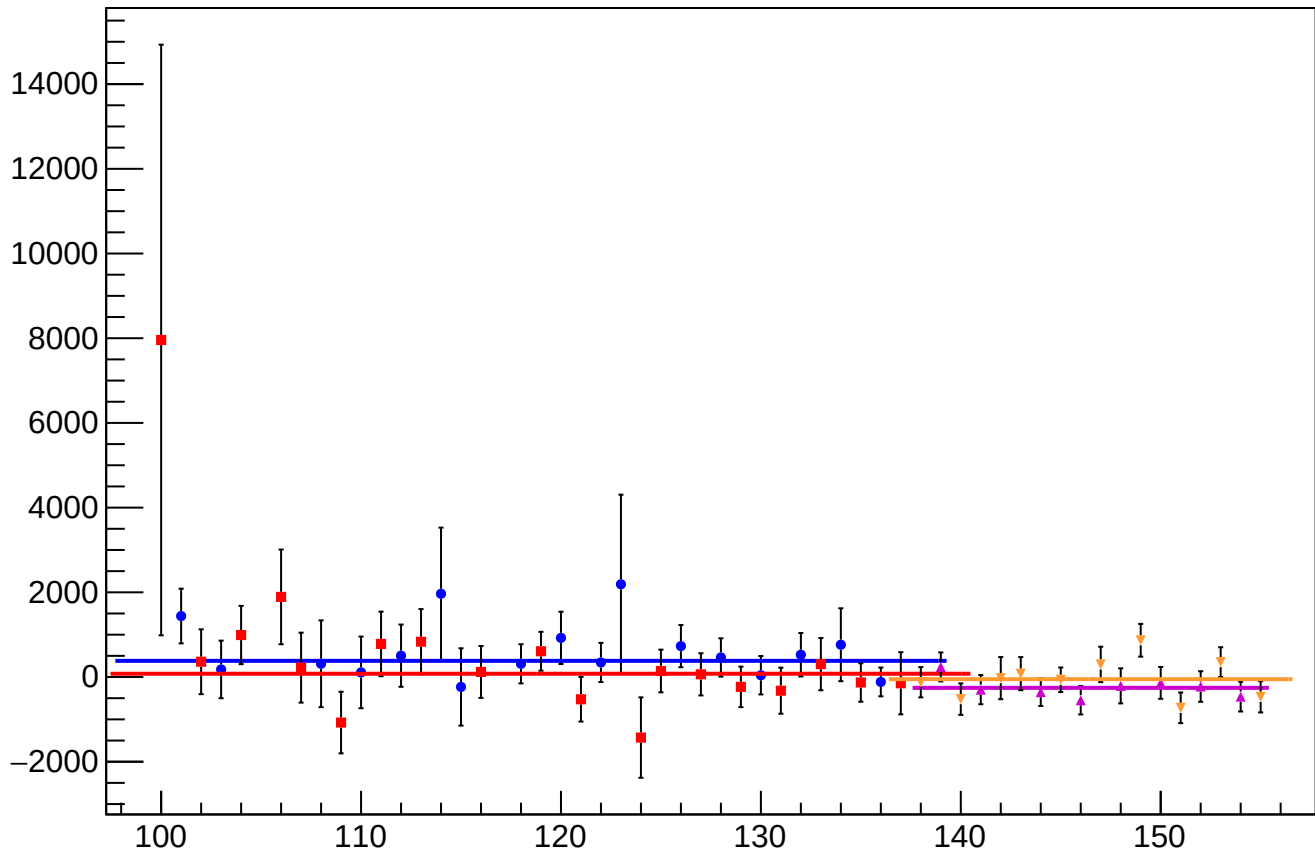
Right: 440.377 $\pm$ 0.091 χ^2 /NDF: 4068538.6/35

In: 379.334 $\pm$ 0.078 χ^2 /NDF:2693717.8/24

Out: 384.016 $\pm$ 0.075 χ^2 /NDF:2793384.5/28

All: 381.740 $\pm$ 0.054 χ^2 /NDF: 5488978.3/53

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893 ± 141.192 $\chi^2/\text{NDF}: 9.4/16$

Left Out: -51.178 ± 116.984 $\chi^2/\text{NDF}: 14.2/9$

Right Out: 77.490 ± 143.469 $\chi^2/\text{NDF}: 16.8/18$

Left In: -255.849 ± 125.106 $\chi^2/\text{NDF}: 3.4/7$

Left: -146.655 ± 85.448 $\chi^2/\text{NDF}: 19.0/17$

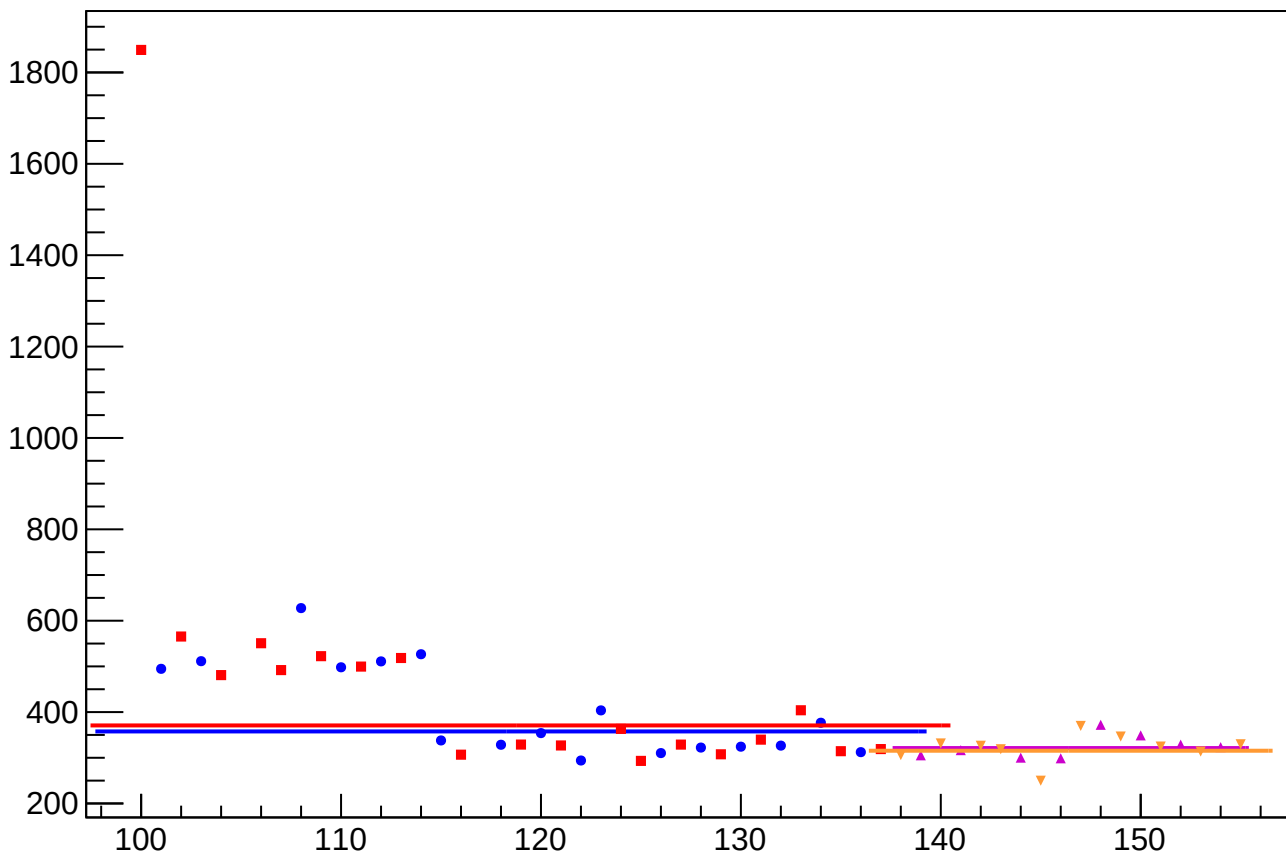
Right: 232.126 ± 100.633 $\chi^2/\text{NDF}: 28.5/35$

In: 24.639 ± 93.637 $\chi^2/\text{NDF}: 24.3/24$

Out: 0.206 ± 90.664 $\chi^2/\text{NDF}: 31.4/28$

All: 12.028 ± 65.135 $\chi^2/\text{NDF}: 55.7/53$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 315.427 $\pm$ 0.083 χ^2 /NDF: 159802.2/9

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

Left In: 321.258 $\pm$ 0.088 χ^2 /NDF: 63990.4/7

Left: 318.147 $\pm$ 0.060 χ^2 /NDF: 226110.4/17

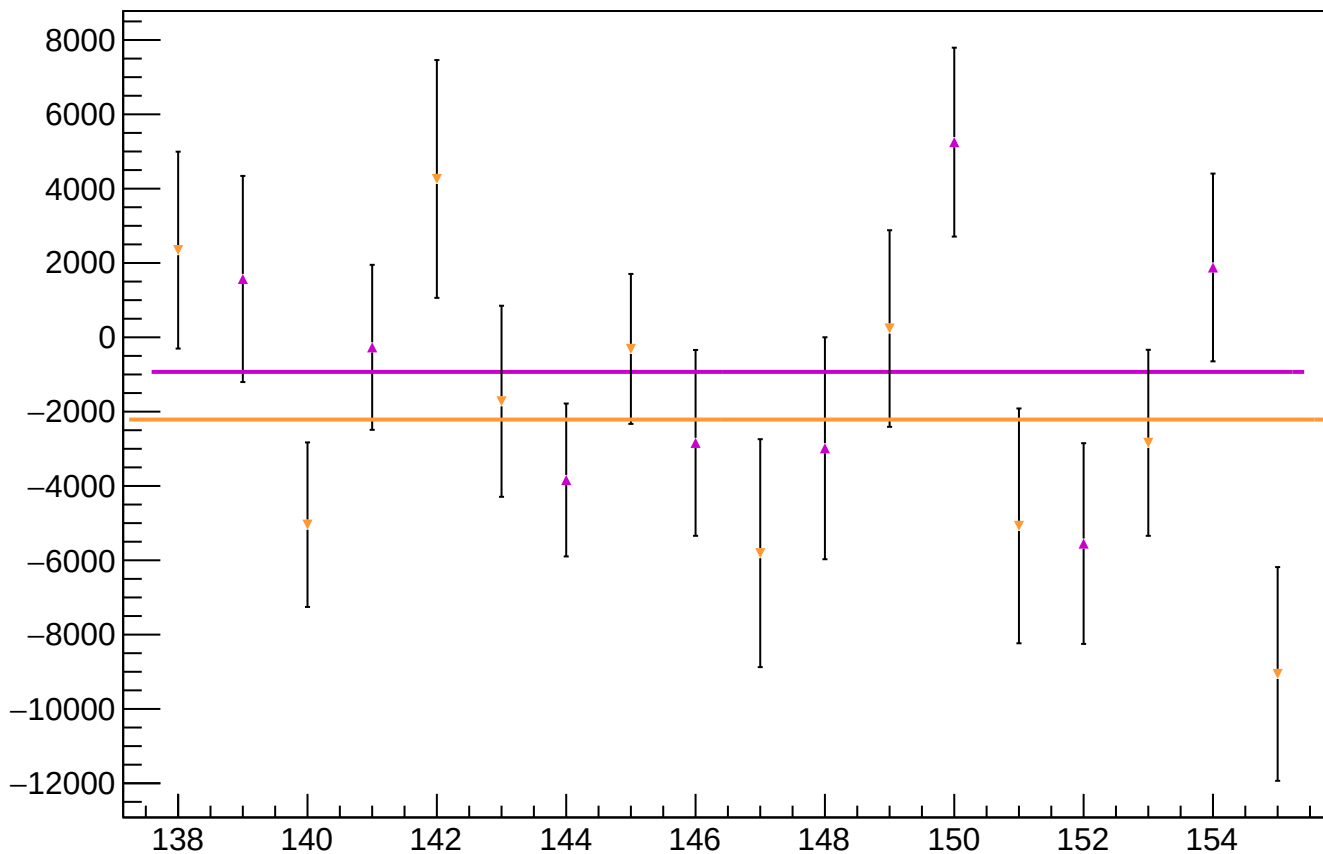
Right: 364.124 $\pm$ 0.071 χ^2 /NDF: 1422966.9/35

In: 337.270 $\pm$ 0.066 χ^2 /NDF: 768151.8/24

Out: 337.538 $\pm$ 0.064 χ^2 /NDF: 1123499.0/28

All: 337.408 $\pm$ 0.046 χ^2 /NDF: 1891659.2/53

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -2213.389+/-824.460 χ^2/NDF :18.4/9

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

Left In: -930.673+/-880.460 χ^2/NDF :14.0/7

Left: -1614.117+/-601.805 χ^2/NDF : 33.6/17

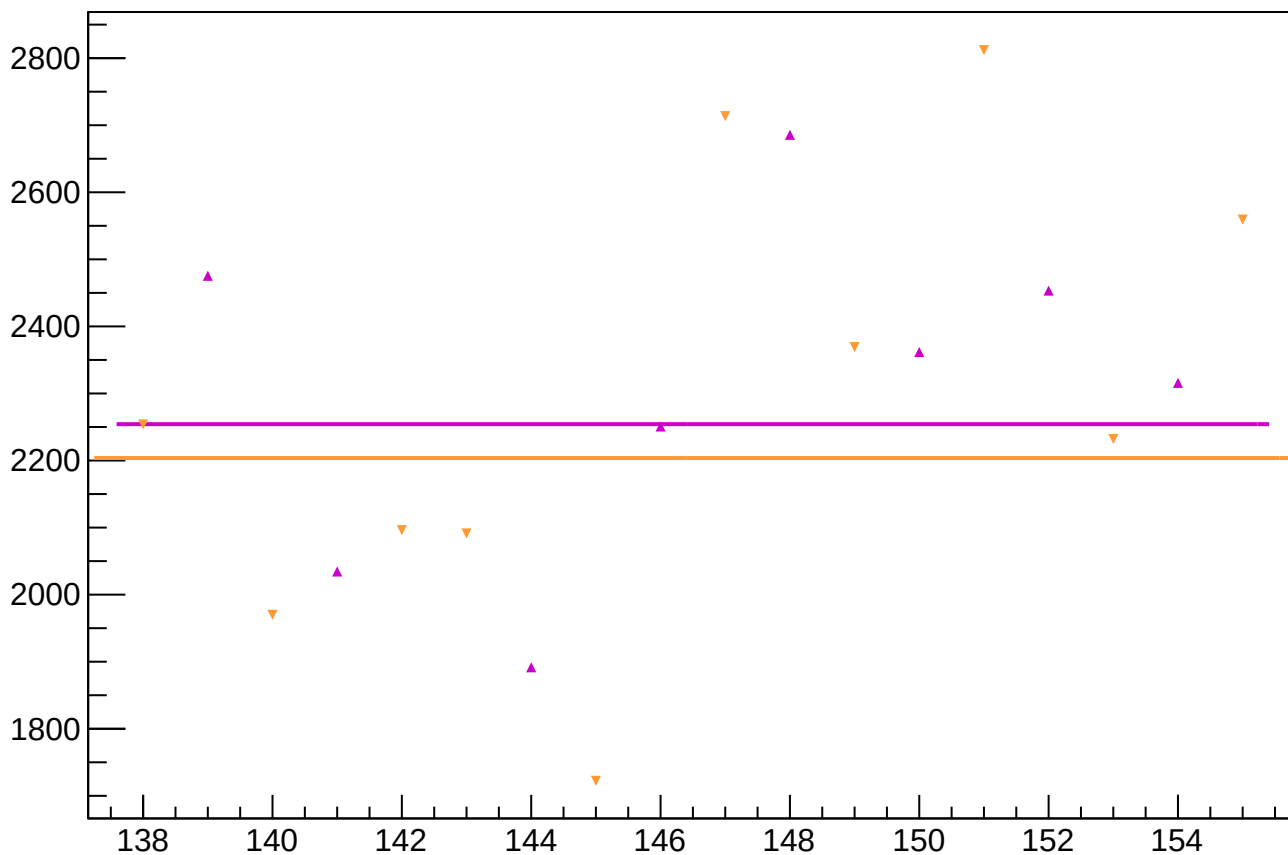
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -930.673+/-880.460 χ^2/NDF :14.0/7

Out: -2213.389+/-824.460 χ^2/NDF :18.4/9

All: -1614.117+/-601.805 χ^2/NDF : 33.6/17

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2203.711+/-0.583 χ^2/NDF :310964.5/9

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

Left In: 2254.228+/-0.623 χ^2/NDF :151837.9/7

Left: 2227.312+/-0.426 χ^2/NDF : 466310.4/17

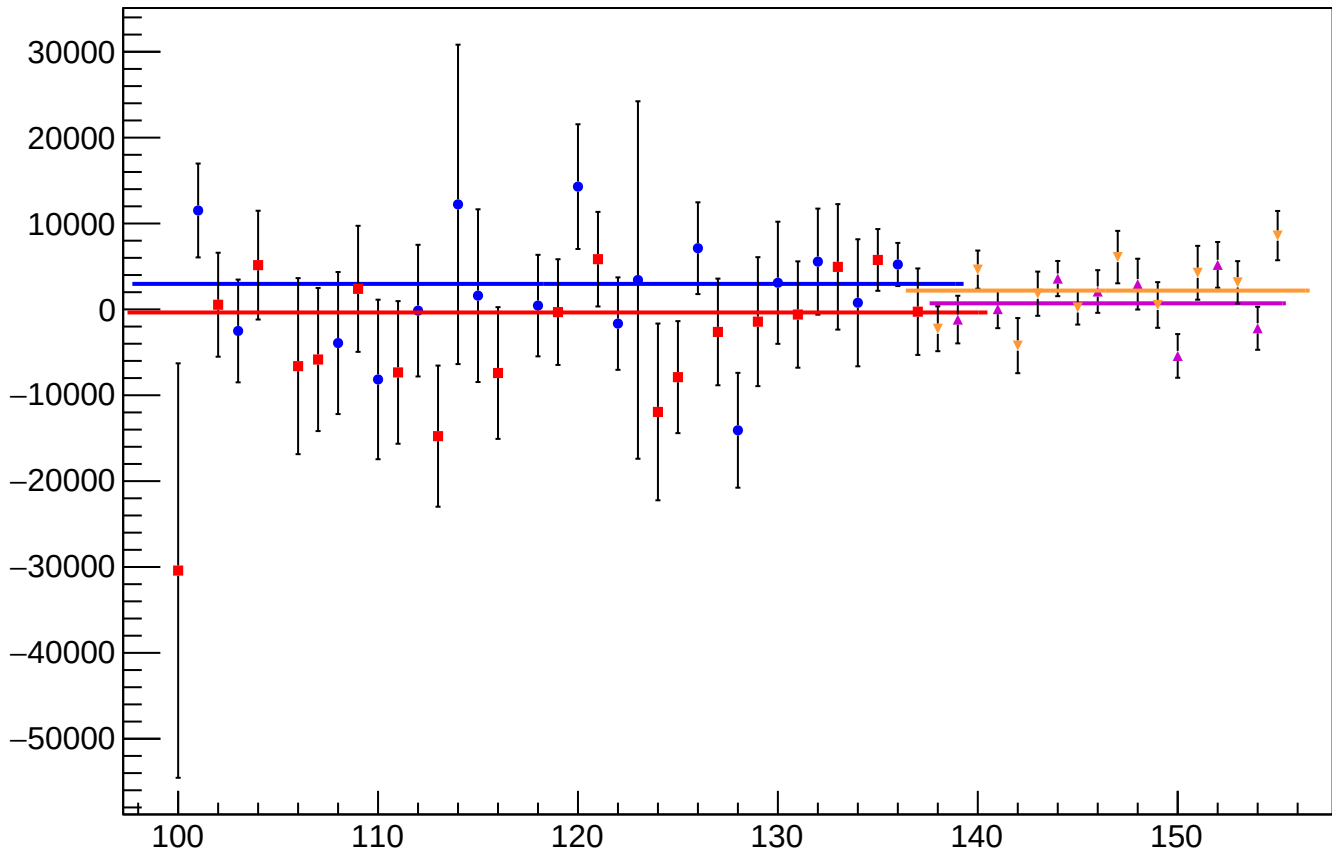
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2254.228+/-0.623 χ^2/NDF :151837.9/7

Out: 2203.711+/-0.583 χ^2/NDF :310964.5/9

All: 2227.312+/-0.426 χ^2/NDF : 466310.4/17

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Left Out: 2189.849+/-821.214 χ^2/NDF : 16.7/9

Right Out: -358.685+/-1507.064 χ^2/NDF : 15.3/18

Left In: 706.829+/-876.243 χ^2/NDF : 13.4/7

Left: 1496.366+/-599.196 χ^2/NDF : 31.6/17

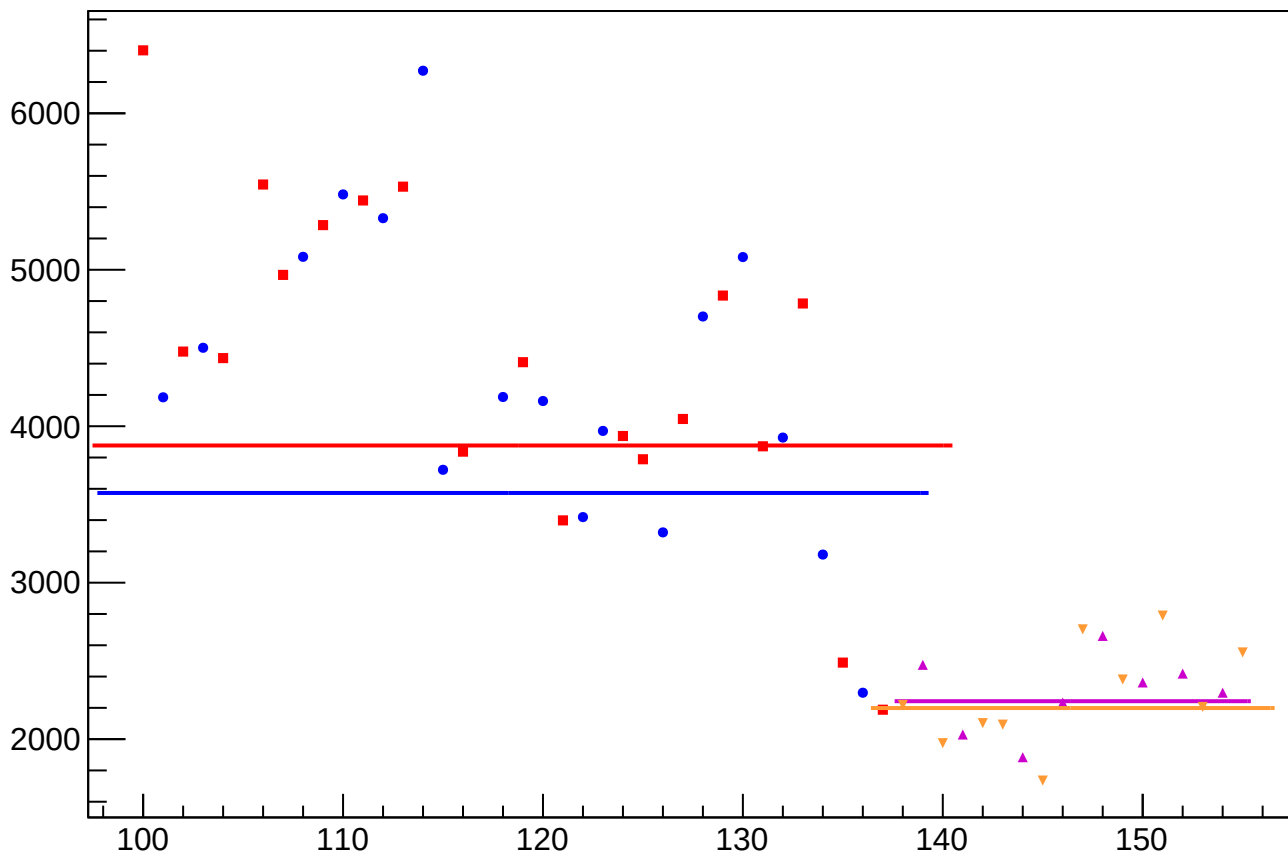
Right: 1380.346+/-1041.320 χ^2/NDF : 35.3/35

In: 1317.843+/-748.619 χ^2/NDF : 32.6/24

Out: 1606.371+/-721.105 χ^2/NDF : 34.2/28

All: 1467.506+/-519.353 χ^2/NDF : 66.9/53

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF : 1088731.5/16

Left Out: 2198.777+/-0.581 χ^2/NDF : 298706.7/9

Right Out: 3876.914+/-1.066 χ^2/NDF : 988409.8/18

Left In: 2242.585+/-0.620 χ^2/NDF : 147488.4/7

Left: 2219.262+/-0.424 χ^2/NDF : 448856.5/17

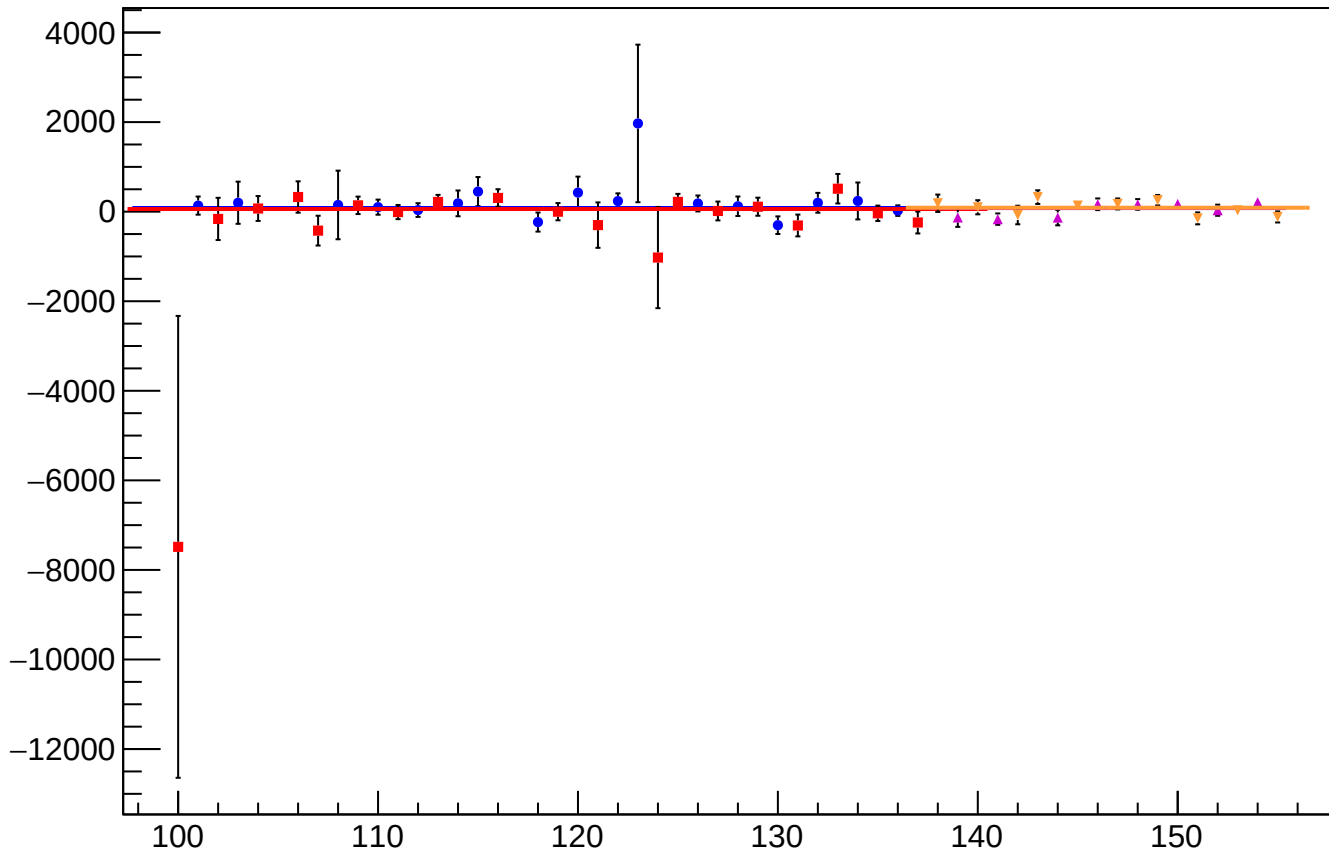
Right: 3718.342+/-0.736 χ^2/NDF : 2119512.7/35

In: 2602.038+/-0.529 χ^2/NDF : 2482349.1/24

Out: 2582.981+/-0.510 χ^2/NDF : 3199194.4/28

All: 2592.153+/-0.367 χ^2/NDF : 5682215.8/53

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 87.741+/-42.219 χ^2/NDF :12.3/9

Right Out: 59.008+/-53.165 χ^2/NDF : 16.4/18

Left In: 80.240+/-45.378 χ^2/NDF :9.5/7

Left: 84.260+/-30.910 χ^2/NDF : 21.8/17

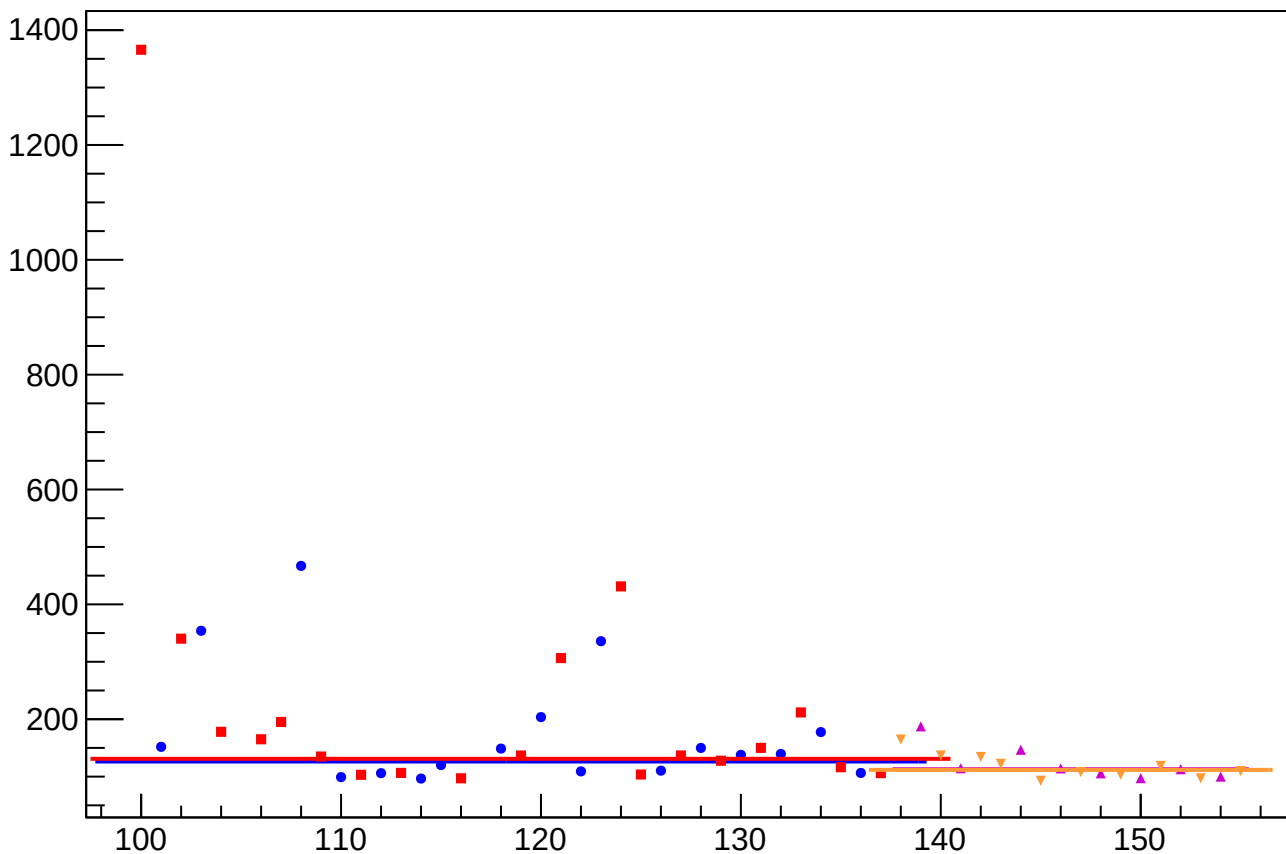
Right: 70.703+/-37.141 χ^2/NDF : 28.1/35

In: 80.938+/-34.164 χ^2/NDF :21.0/24

Out: 76.629+/-33.063 χ^2/NDF :28.9/28

All: 78.713+/-23.758 χ^2/NDF : 49.9/53

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 111.765 $\pm$ 0.030 χ^2 /NDF:344809.2/9

Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

Left In: 112.867 $\pm$ 0.032 χ^2 /NDF:405400.8/7

Left: 112.276 $\pm$ 0.022 χ^2 /NDF: 750842.3/17

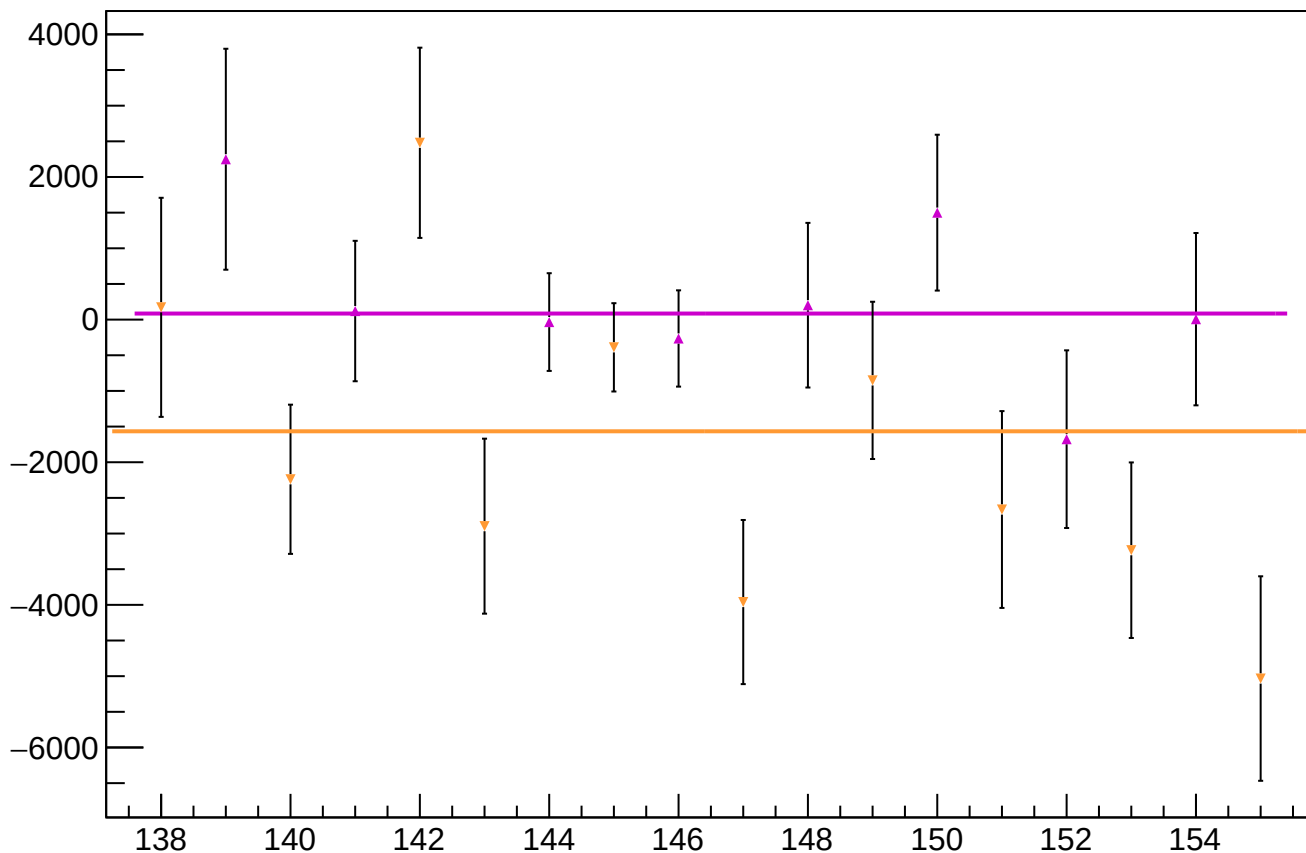
Right: 128.617 $\pm$ 0.026 χ^2 /NDF: 2747739.0/35

In: 118.703 $\pm$ 0.024 χ^2 /NDF:1792355.0/24

Out: 119.206 $\pm$ 0.023 χ^2 /NDF:1934744.4/28

All: 118.963 $\pm$ 0.017 χ^2 /NDF: 3727323.7/53

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1566.145+/-344.582 χ^2/NDF :28.7/9

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

Left In: 85.060+/-339.229 χ^2/NDF :5.9/7

Left: -727.616+/-241.741 χ^2/NDF : 46.4/17

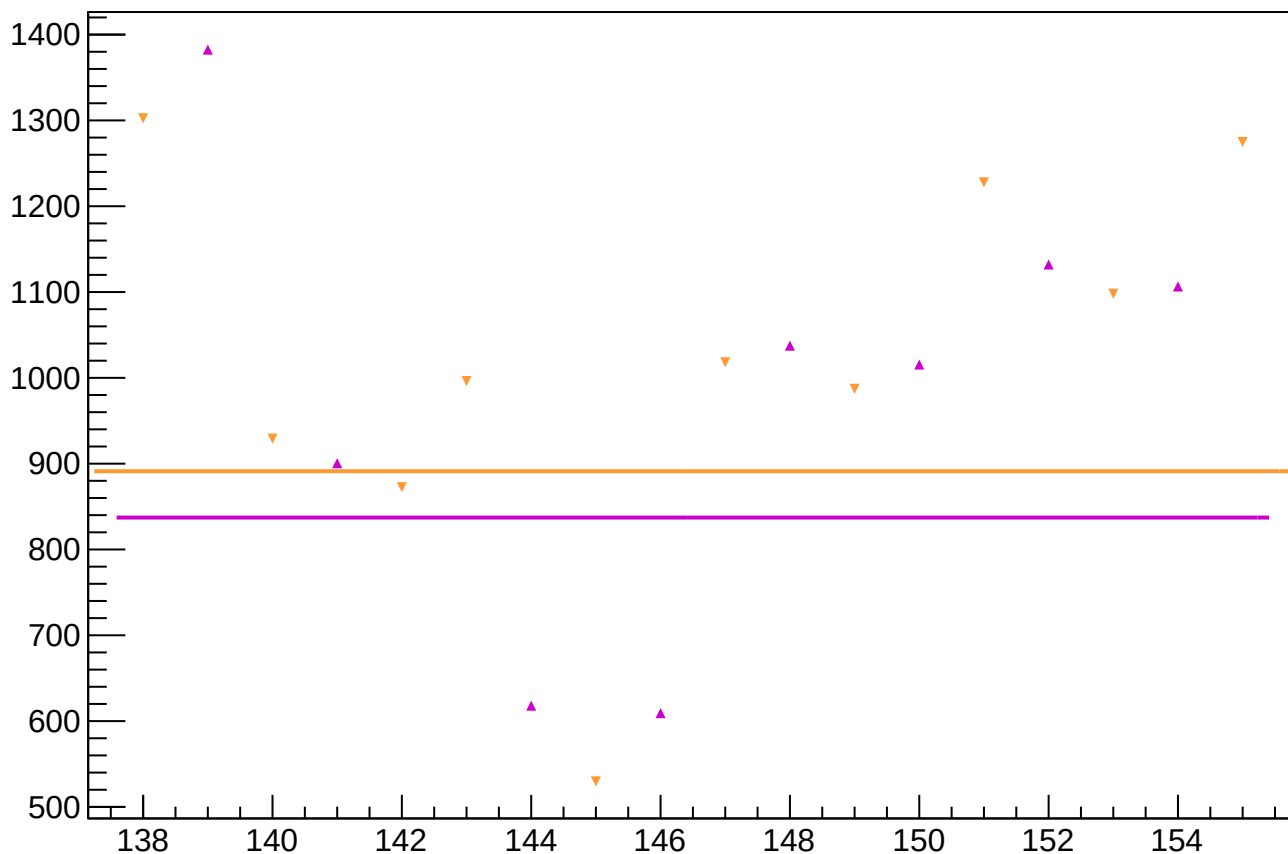
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 85.060+/-339.229 χ^2/NDF :5.9/7

Out: -1566.145+/-344.582 χ^2/NDF :28.7/9

All: -727.616+/-241.741 χ^2/NDF : 46.4/17

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 891.194+/-0.244 χ^2/NDF :1201157.4/9

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

Left In: 837.192+/-0.240 χ^2/NDF :1013638.6/7

Left: 863.770+/-0.171 χ^2/NDF : 2239741.6/17

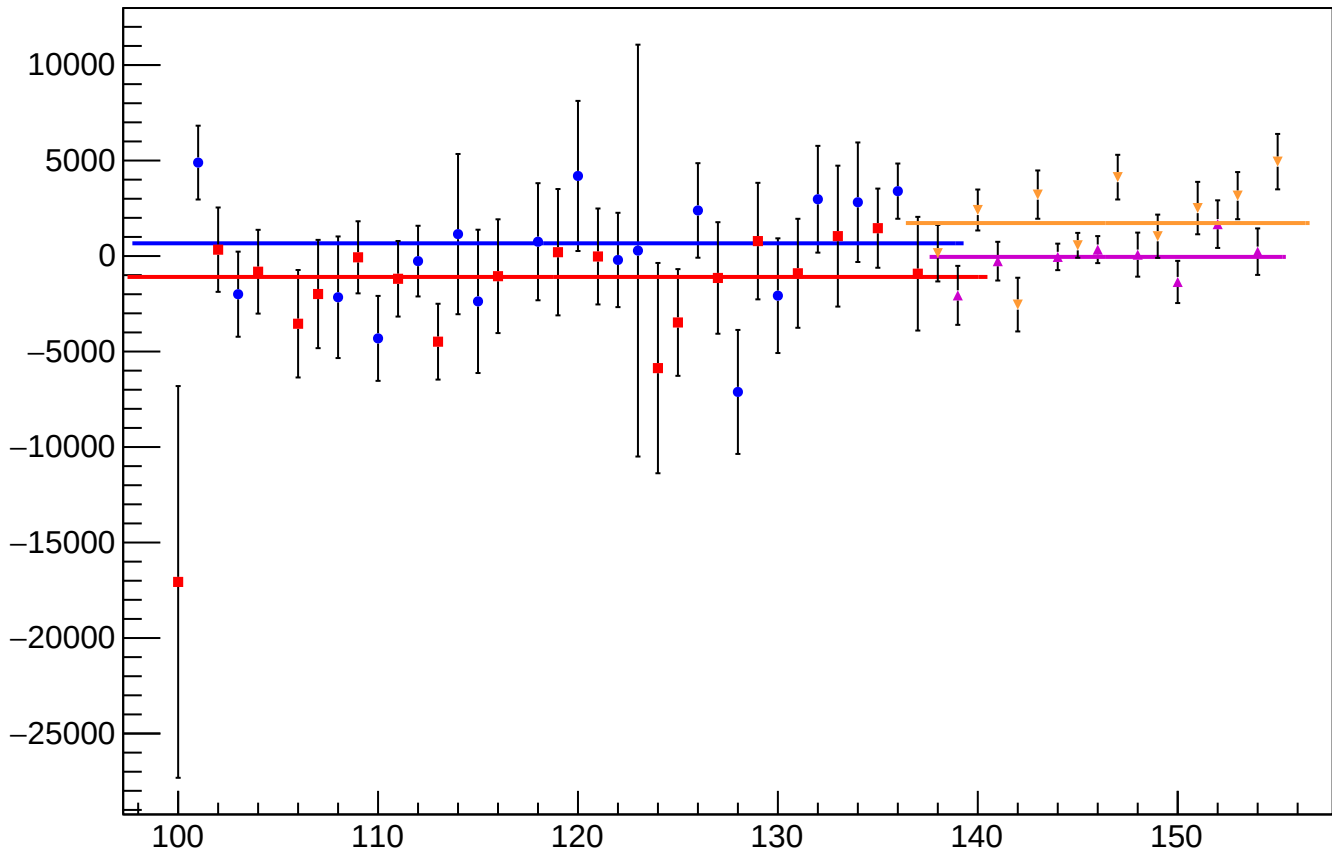
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 837.192+/-0.240 χ^2/NDF :1013638.6/7

Out: 891.194+/-0.244 χ^2/NDF :1201157.4/9

All: 863.770+/-0.171 χ^2/NDF : 2239741.6/17

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 1726.864+/-353.603 χ^2/NDF : 26.5/9

Right Out: -1094.278+/-602.639 χ^2/NDF : 11.0/18

Left In: -44.705+/-345.885 χ^2/NDF : 5.4/7

Left: 821.534+/-247.261 χ^2/NDF : 44.8/17

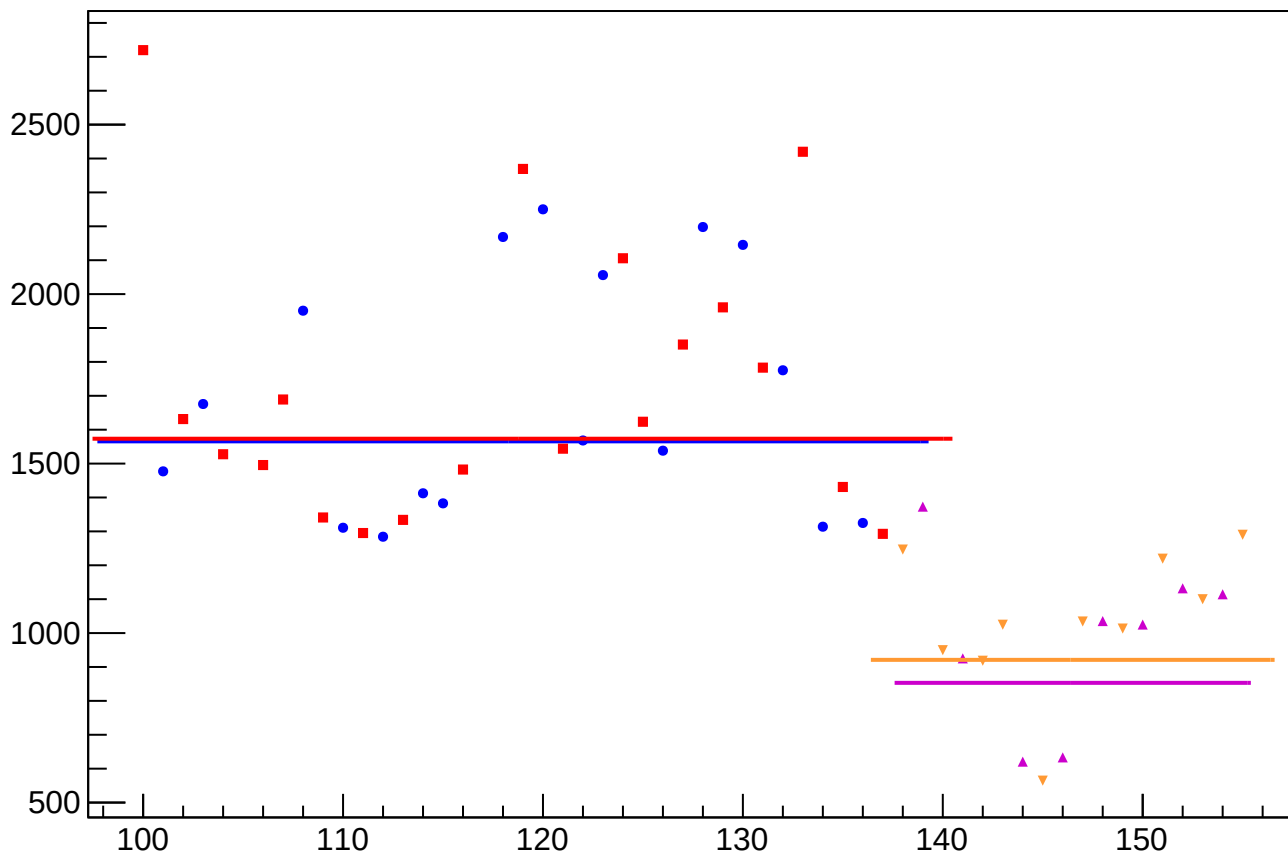
Right: -237.260+/-431.744 χ^2/NDF : 40.8/35

In: 124.576+/-301.925 χ^2/NDF : 32.1/24

Out: 1004.342+/-304.979 χ^2/NDF : 53.8/28

All: 560.031+/-214.565 χ^2/NDF : 90.1/53

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623 $\pm$ 0.438 χ^2/NDF : 490790.2/16

Left Out: 920.997 $\pm$ 0.250 χ^2/NDF : 1010454.3/9

Right Out: 1573.366 $\pm$ 0.426 χ^2/NDF : 462040.3/18

Left In: 853.172 $\pm$ 0.245 χ^2/NDF : 945399.4/7

Left: 886.336 $\pm$ 0.175 χ^2/NDF : 1993456.4/17

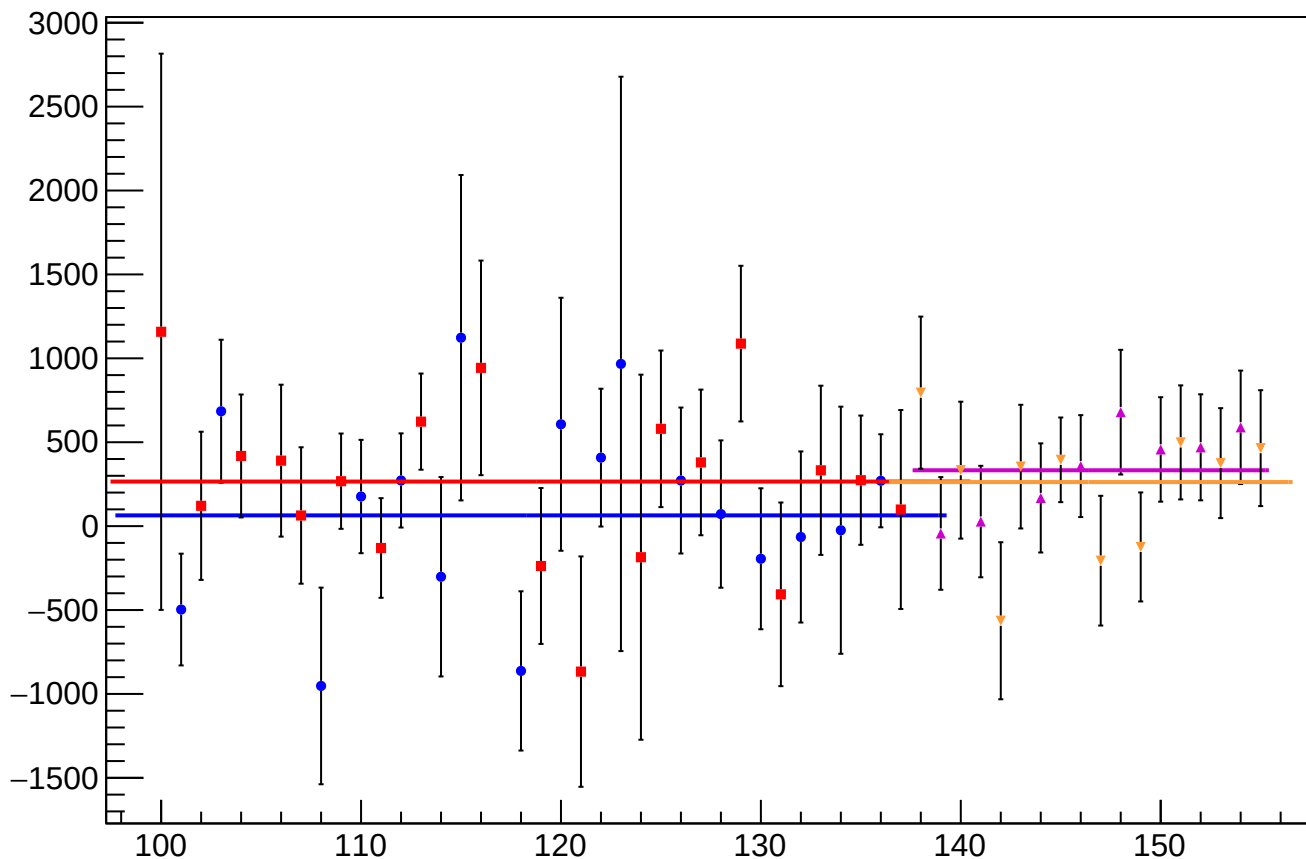
Right: 1569.597 $\pm$ 0.305 χ^2/NDF : 952991.2/35

In: 1022.761 $\pm$ 0.213 χ^2/NDF : 3456035.7/24

Out: 1088.075 $\pm$ 0.216 χ^2/NDF : 3215948.0/28

All: 1055.089 $\pm$ 0.152 χ^2/NDF : 6718309.3/53

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087 $\pm$ 105.336 χ^2 /NDF: 16.8/16

Left Out: 262.640 $\pm$ 111.070 χ^2 /NDF: 8.7/9

Right Out: 265.661 $\pm$ 99.379 χ^2 /NDF: 14.7/18

Left In: 332.874 $\pm$ 115.802 χ^2 /NDF: 4.2/7

Left: 296.292 $\pm$ 80.159 χ^2 /NDF: 13.0/17

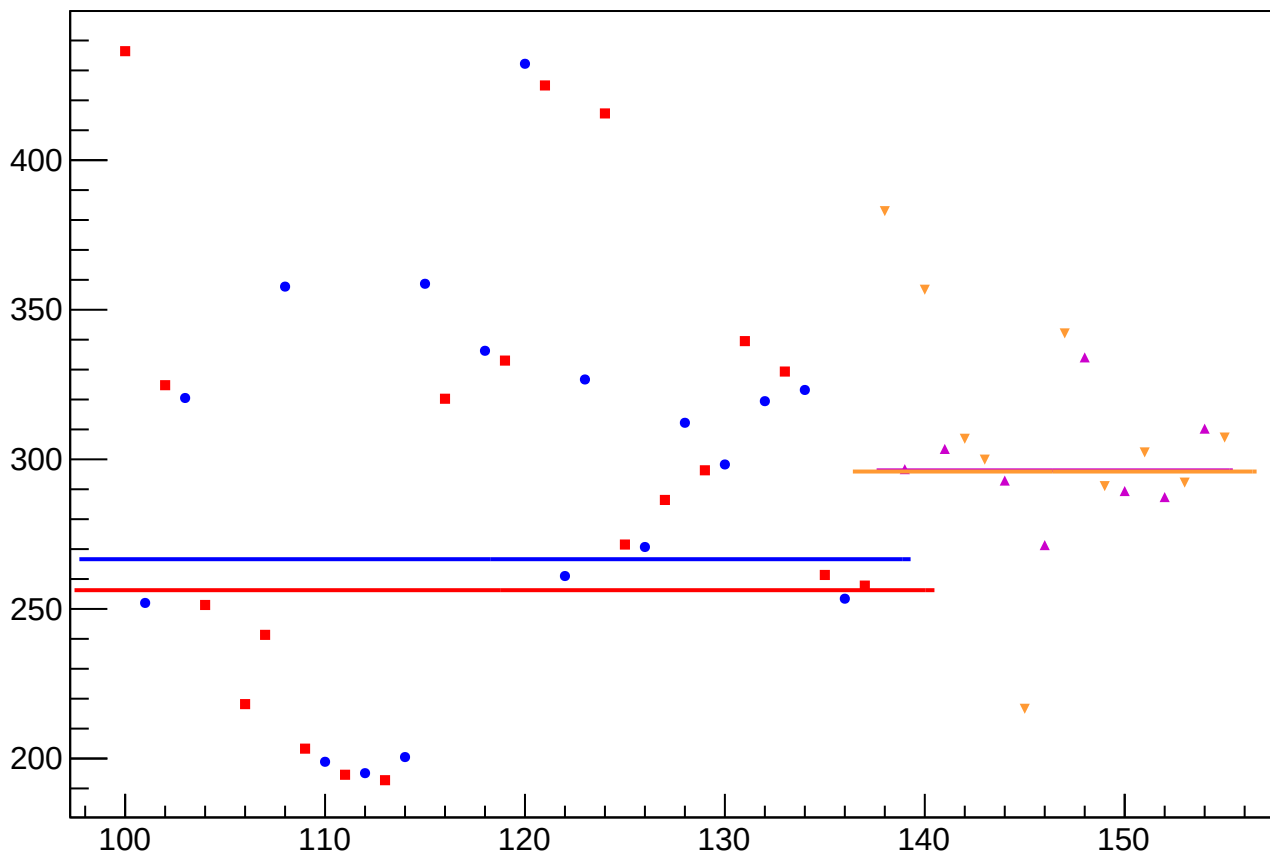
Right: 170.735 $\pm$ 72.286 χ^2 /NDF: 33.4/35

In: 185.788 $\pm$ 77.922 χ^2 /NDF: 23.9/24

Out: 264.318 $\pm$ 74.061 χ^2 /NDF: 23.4/28

All: 227.046 $\pm$ 53.682 χ^2 /NDF: 47.8/53

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF : 550752.5/16

Left Out: 295.926+/-0.079 χ^2/NDF : 349294.9/9

Right Out: 256.268+/-0.070 χ^2/NDF : 696896.2/18

Left In: 296.322+/-0.082 χ^2/NDF : 41331.1/7

Left: 296.116+/-0.057 χ^2/NDF : 390638.2/17

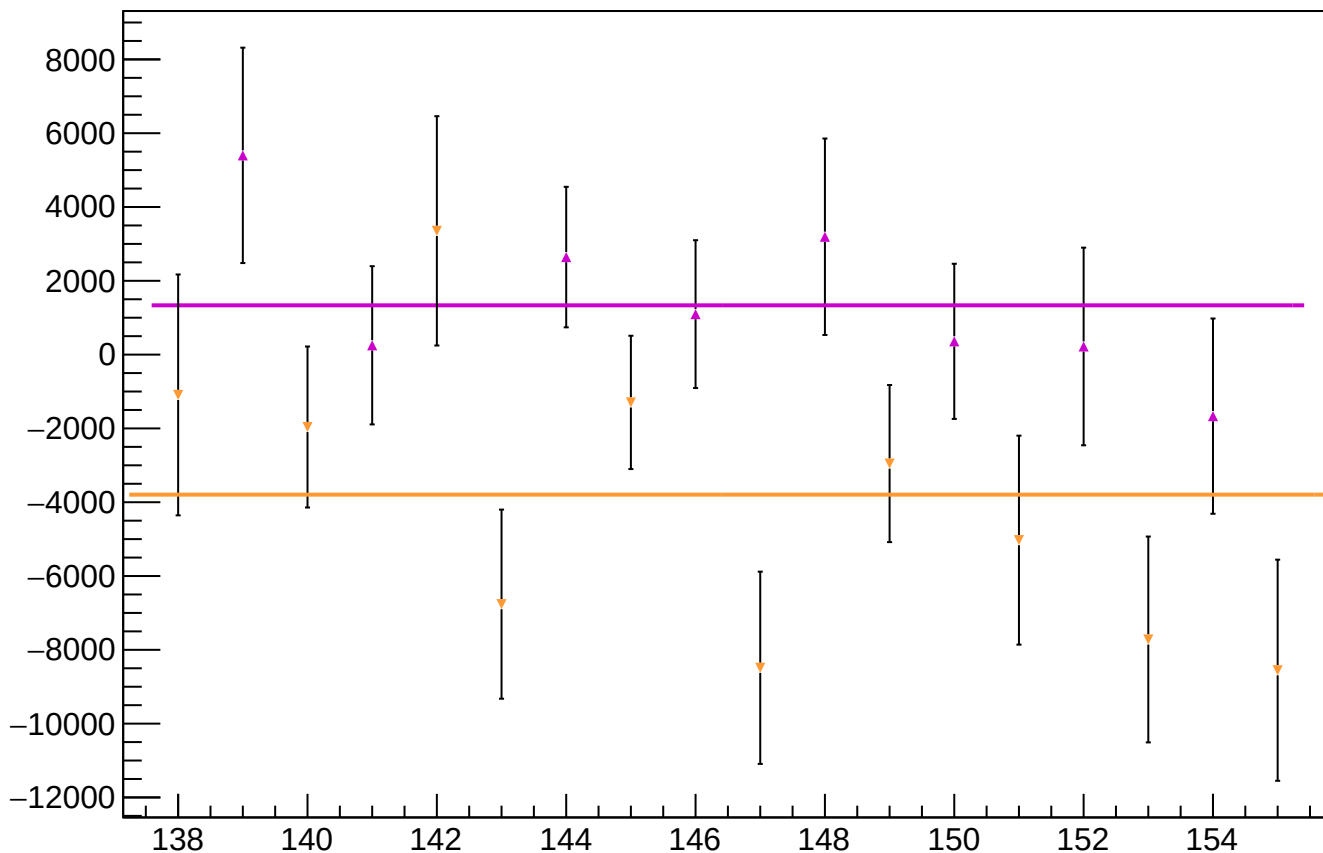
Right: 261.145+/-0.051 χ^2/NDF : 1257876.6/35

In: 280.071+/-0.055 χ^2/NDF : 664060.1/24

Out: 273.901+/-0.052 χ^2/NDF : 1187798.3/28

All: 276.829+/-0.038 χ^2/NDF : 1858445.9/53

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -3794.879+/-790.810 χ^2/NDF :18.0/9

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

Left In: 1335.555+/-813.833 χ^2/NDF :4.8/7

Left: -1303.257+/-567.152 χ^2/NDF : 43.3/17

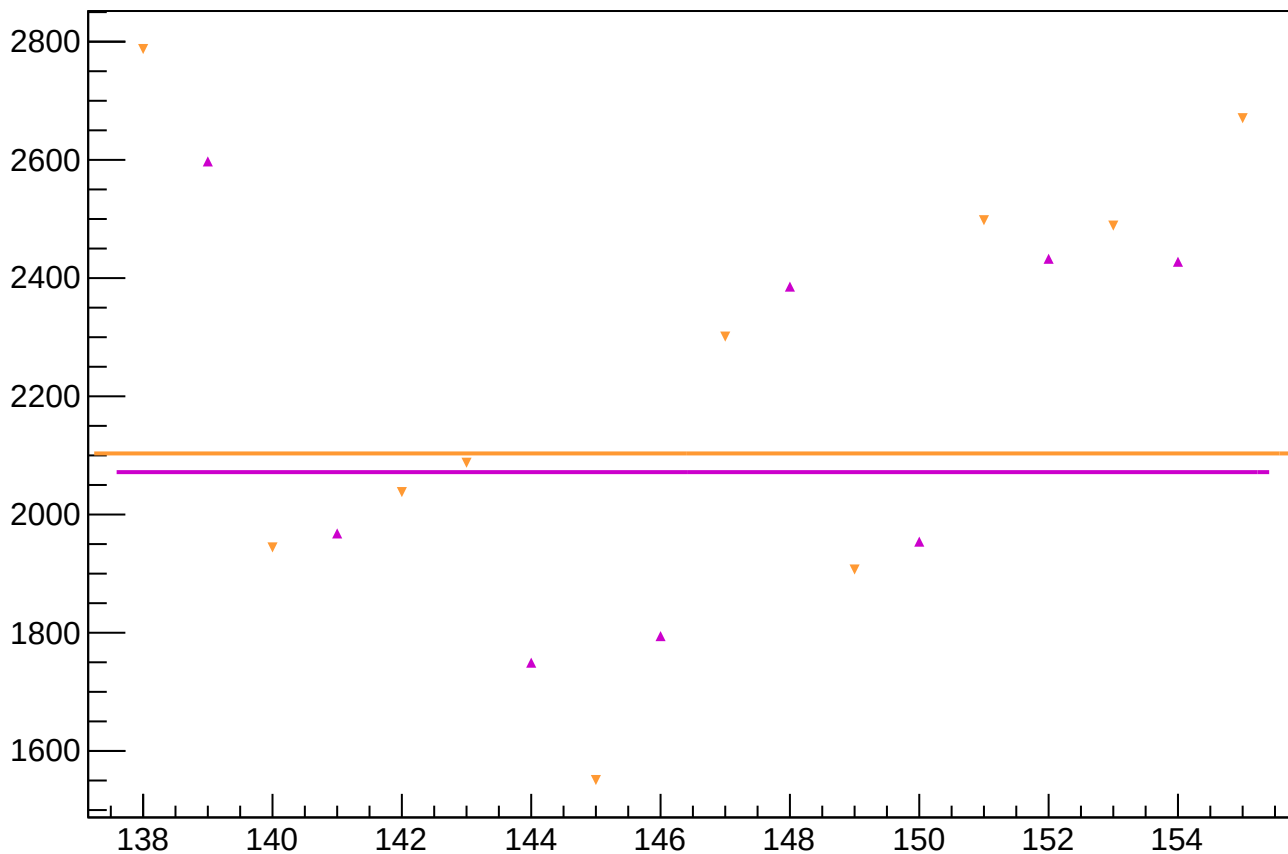
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1335.555+/-813.833 χ^2/NDF :4.8/7

Out: -3794.879+/-790.810 χ^2/NDF :18.0/9

All: -1303.257+/-567.152 χ^2/NDF : 43.3/17

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2103.351+/-0.559 χ^2/NDF :463868.5/9

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

Left In: 2071.720+/-0.575 χ^2/NDF :271895.2/7

Left: 2087.989+/-0.401 χ^2/NDF : 737317.6/17

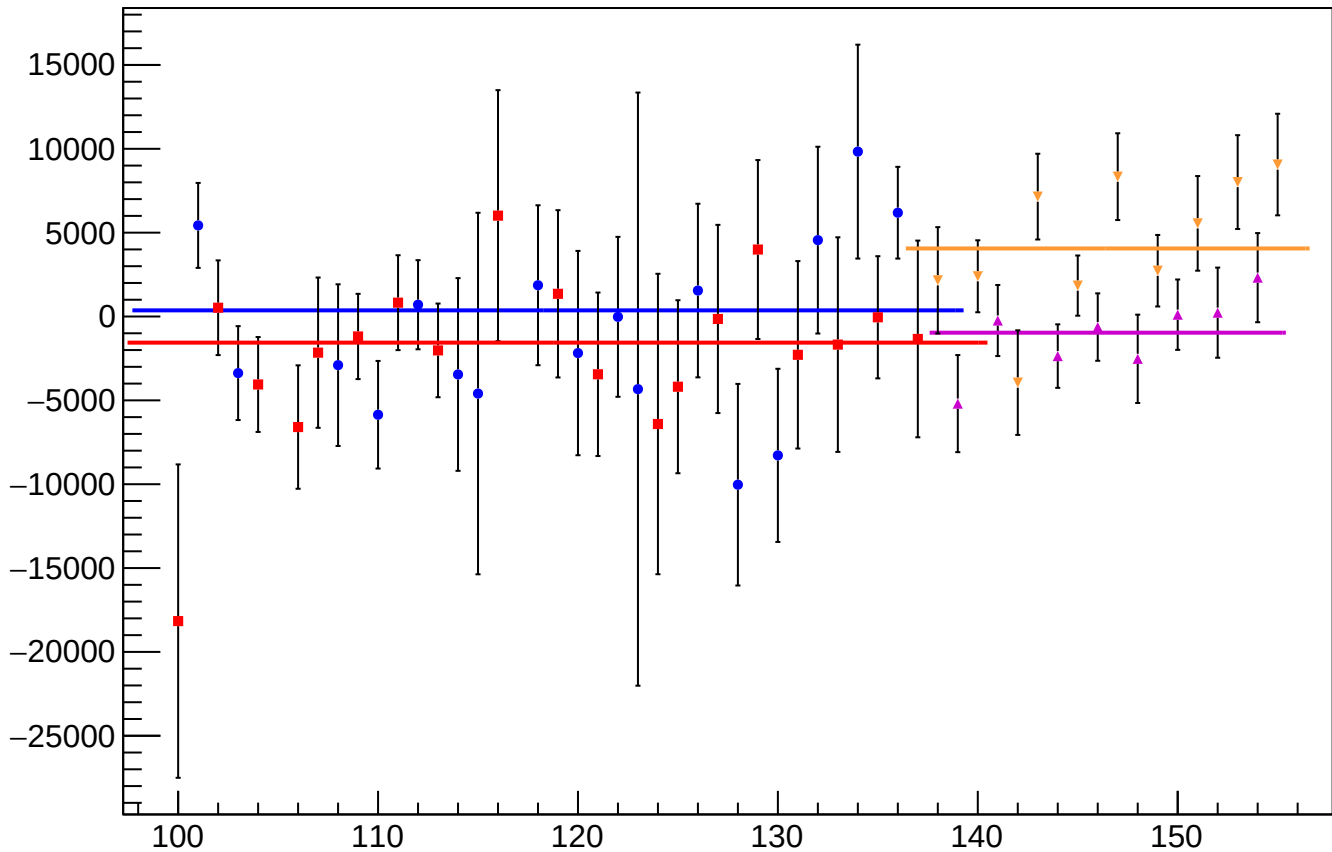
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2071.720+/-0.575 χ^2/NDF :271895.2/7

Out: 2103.351+/-0.559 χ^2/NDF :463868.5/9

All: 2087.989+/-0.401 χ^2/NDF : 737317.6/17

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454 $\pm$ 992.480 χ^2 /NDF: 24.2/16

Left Out: 4058.300 $\pm$ 787.035 χ^2 /NDF:18.7/9

Right Out: -1557.388 $\pm$ 924.003 χ^2 /NDF: 10.5/18

Left In: -964.946 $\pm$ 811.173 χ^2 /NDF:5.2/7

Left: 1622.525 $\pm$ 564.859 χ^2 /NDF: 43.6/17

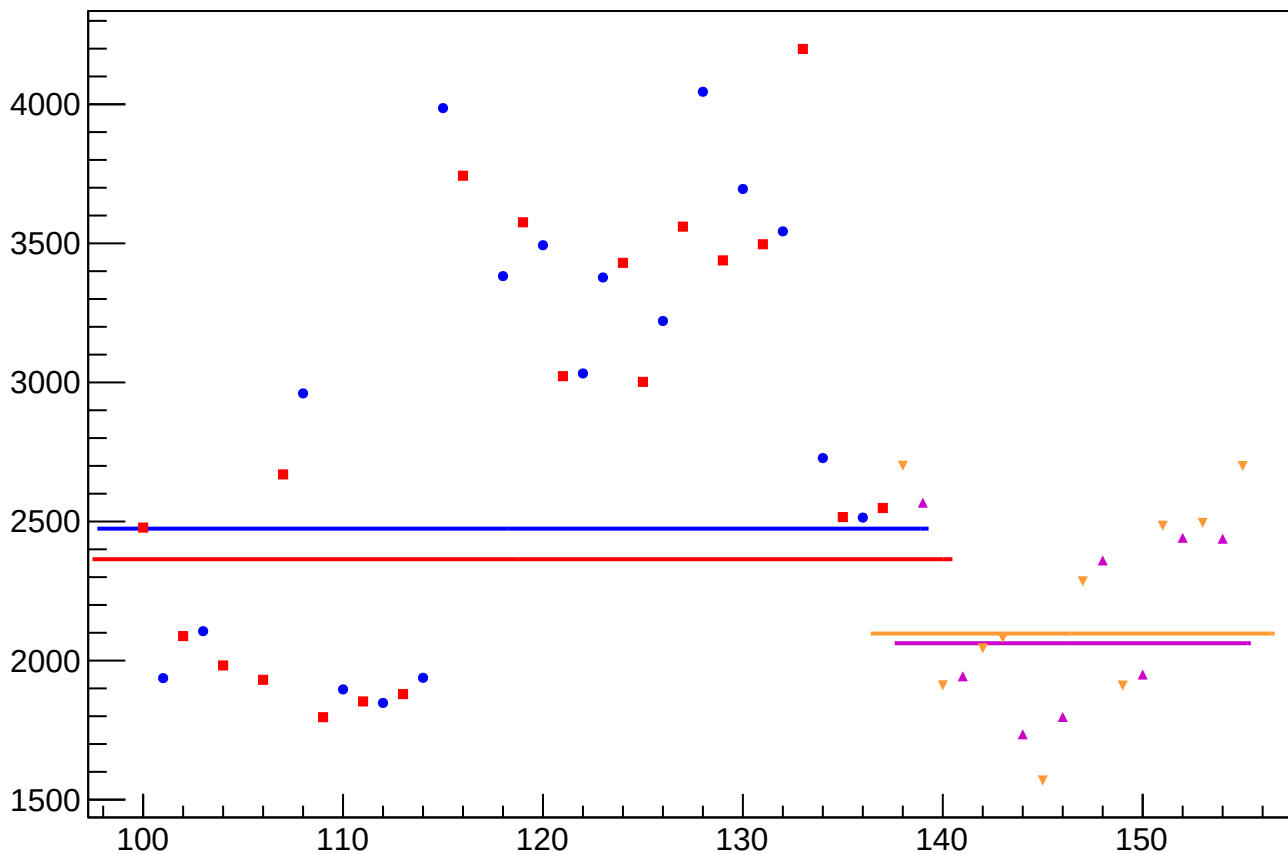
Right: -664.120 $\pm$ 676.282 χ^2 /NDF: 36.7/35

In: -431.743 $\pm$ 628.079 χ^2 /NDF:30.4/24

Out: 1697.125 $\pm$ 599.150 χ^2 /NDF:50.6/28

All: 682.845 $\pm$ 433.529 χ^2 /NDF: 87.0/53

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 2097.169 $\pm$ 0.557 χ^2 /NDF: 444341.5/9

Right Out: 2364.507 $\pm$ 0.653 χ^2 /NDF: 1023402.8/18

Left In: 2062.457 $\pm$ 0.574 χ^2 /NDF: 272880.3/7

Left: 2080.337 $\pm$ 0.399 χ^2 /NDF: 719108.4/17

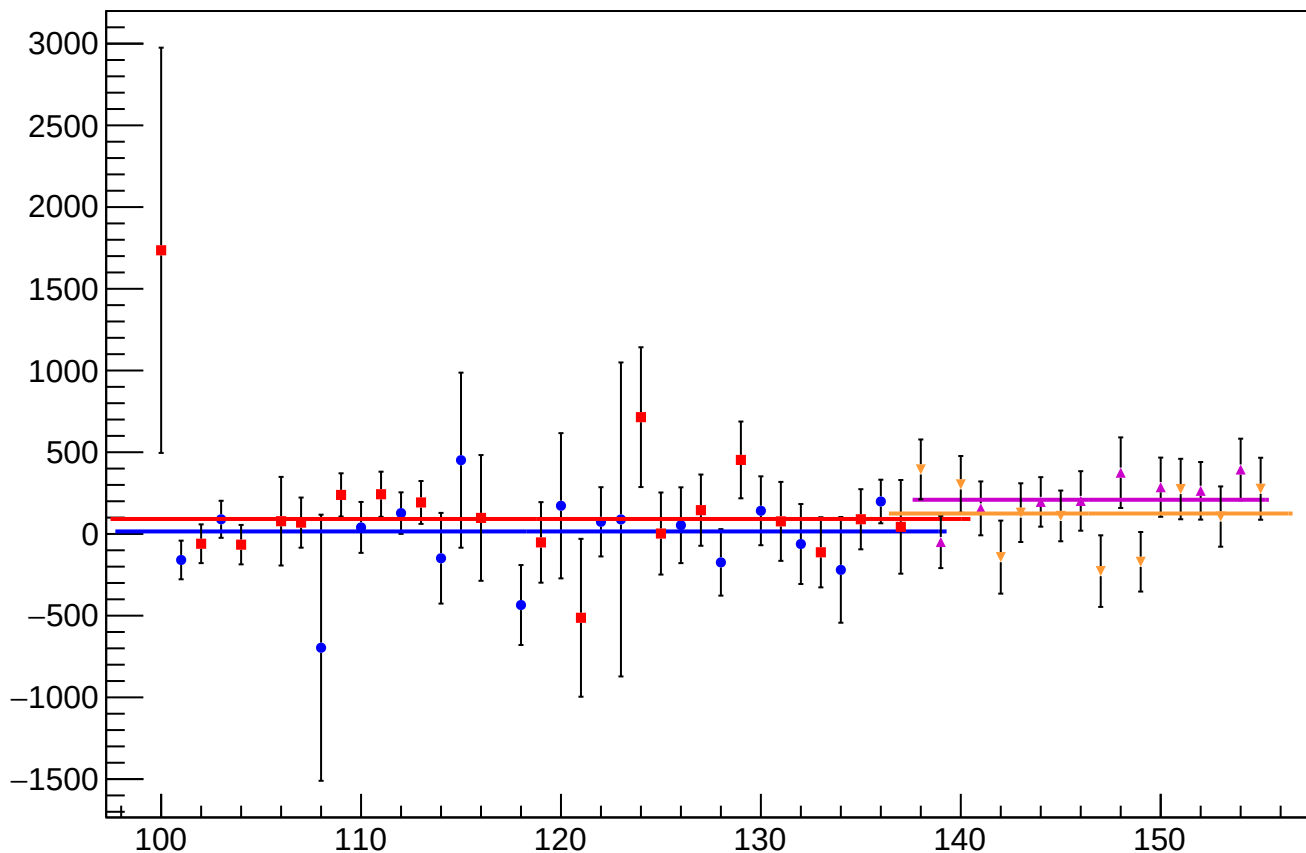
Right: 2415.527 $\pm$ 0.478 χ^2 /NDF: 1942797.3/35

In: 2227.429 $\pm$ 0.444 χ^2 /NDF: 1385698.8/24

Out: 2209.574 $\pm$ 0.424 χ^2 /NDF: 1564770.3/28

All: 2218.081 $\pm$ 0.307 χ^2 /NDF: 2951315.3/53

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303 $\pm$ 46.443 χ^2/NDF : 12.6/16

Left Out: 124.928 $\pm$ 58.421 χ^2/NDF : 11.2/9

Right Out: 91.634 $\pm$ 43.318 χ^2/NDF : 15.7/18

Left In: 209.136 $\pm$ 61.778 χ^2/NDF : 4.6/7

Left: 164.682 $\pm$ 42.447 χ^2/NDF : 16.7/17

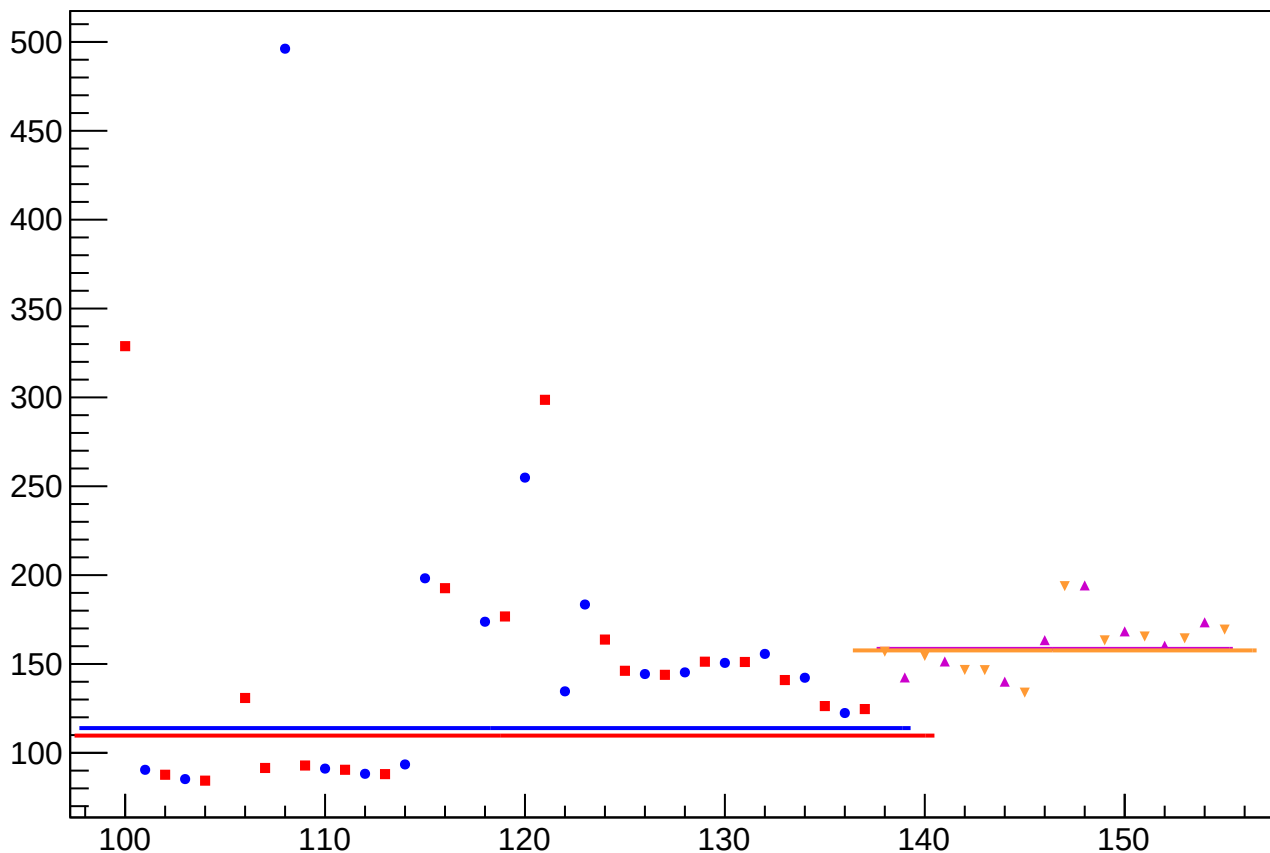
Right: 56.123 $\pm$ 31.678 χ^2/NDF : 29.7/35

In: 85.294 $\pm$ 37.123 χ^2/NDF : 23.4/24

Out: 103.445 $\pm$ 34.796 χ^2/NDF : 27.0/28

All: 94.956 $\pm$ 25.387 χ^2/NDF : 50.6/53

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 157.638 $\pm$ 0.041 χ^2 /NDF:130379.5/9

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

Left In: 158.498 $\pm$ 0.044 χ^2 /NDF:128393.1/7

Left: 158.044 $\pm$ 0.030 χ^2 /NDF: 258977.3/17

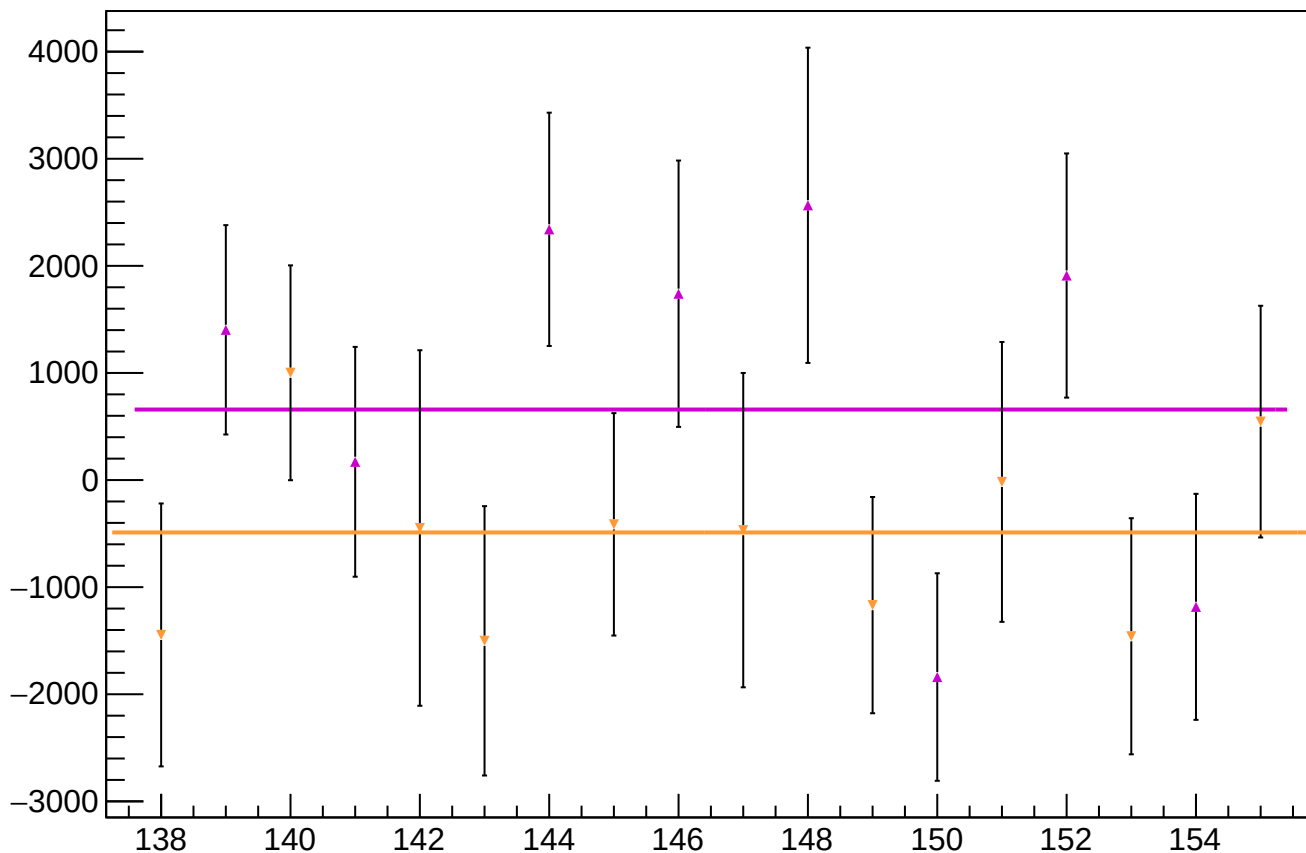
Right: 111.674 $\pm$ 0.022 χ^2 /NDF: 2658703.6/35

In: 130.024 $\pm$ 0.026 χ^2 /NDF:2201226.1/24

Out: 126.712 $\pm$ 0.025 χ^2 /NDF:2240942.3/28

All: 128.261 $\pm$ 0.018 χ^2 /NDF: 4450643.7/53

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -489.323+/-370.392 χ^2/NDF :5.7/9

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

Left In: 658.449+/-389.256 χ^2/NDF :16.5/7

Left: 56.078+/-268.328 χ^2/NDF : 26.8/17

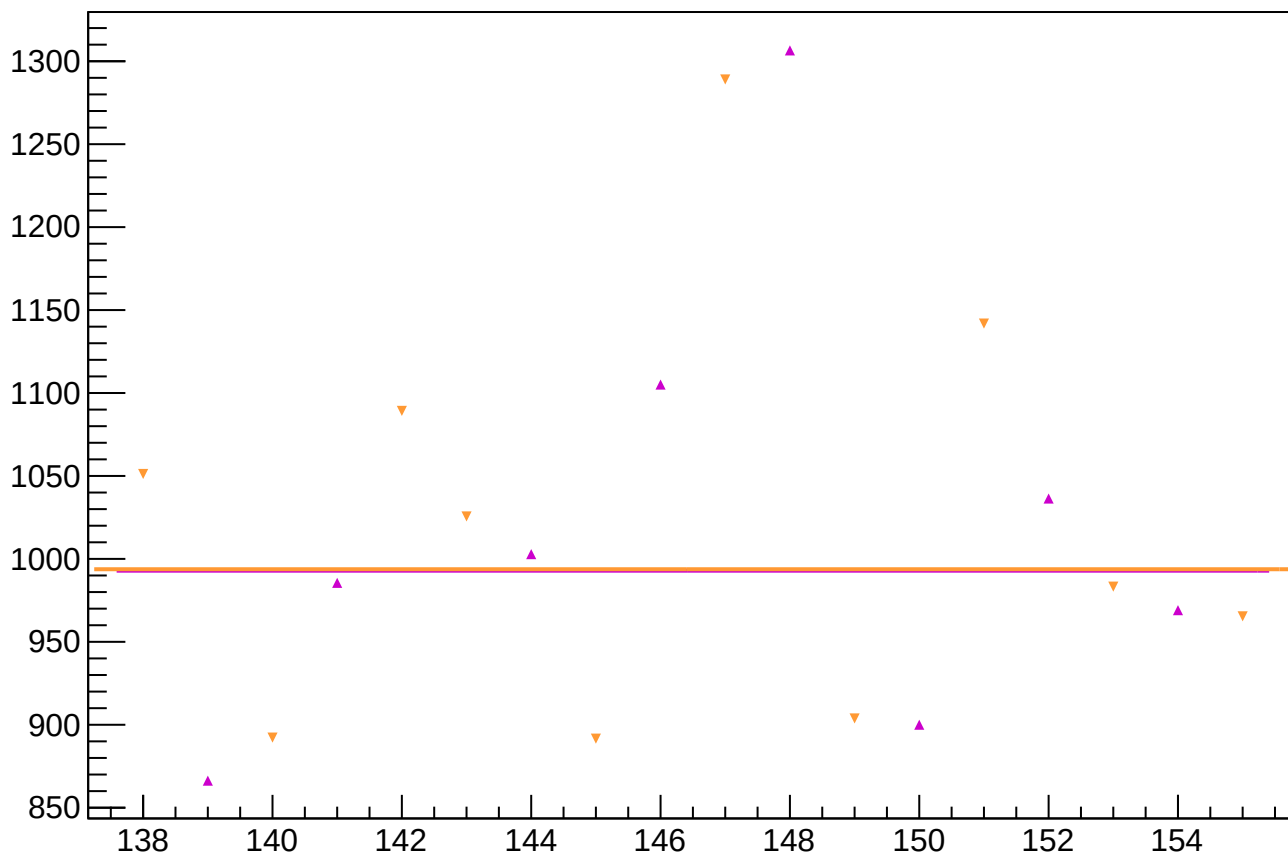
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 658.449+/-389.256 χ^2/NDF :16.5/7

Out: -489.323+/-370.392 χ^2/NDF :5.7/9

All: 56.078+/-268.328 χ^2/NDF : 26.8/17

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 993.761+/-0.262 χ^2/NDF :176181.9/9

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

Left In: 992.903+/-0.275 χ^2/NDF :163217.9/7

Left: 993.353+/-0.190 χ^2/NDF : 339404.8/17

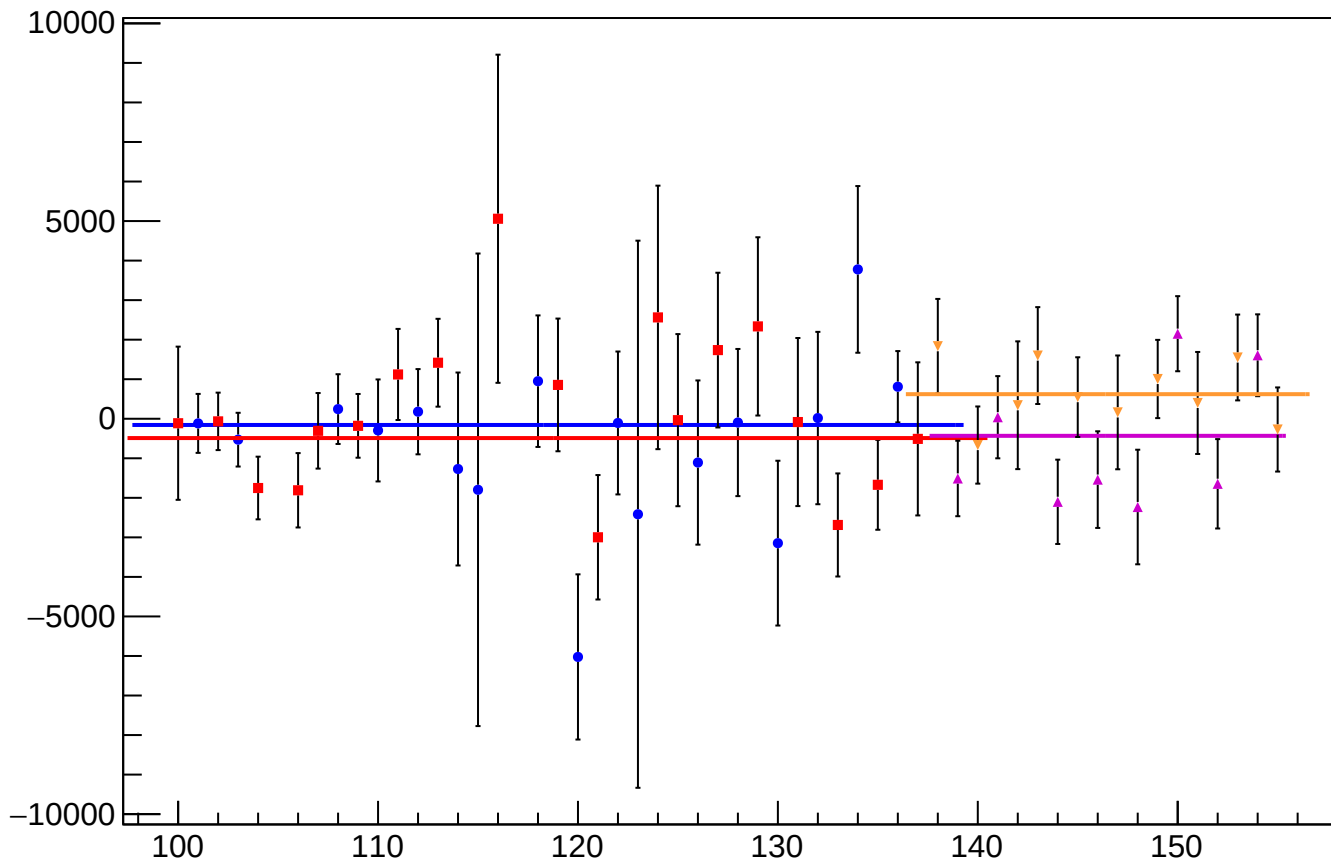
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 992.903+/-0.275 χ^2/NDF :163217.9/7

Out: 993.761+/-0.262 χ^2/NDF :176181.9/9

All: 993.353+/-0.190 χ^2/NDF : 339404.8/17

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF : 16.2/16

Left Out: 621.651+/-362.258 χ^2/NDF : 5.2/9

Right Out: -488.583+/-282.758 χ^2/NDF : 22.6/18

Left In: -431.820+/-381.407 χ^2/NDF : 18.7/7

Left: 122.025+/-262.664 χ^2/NDF : 27.9/17

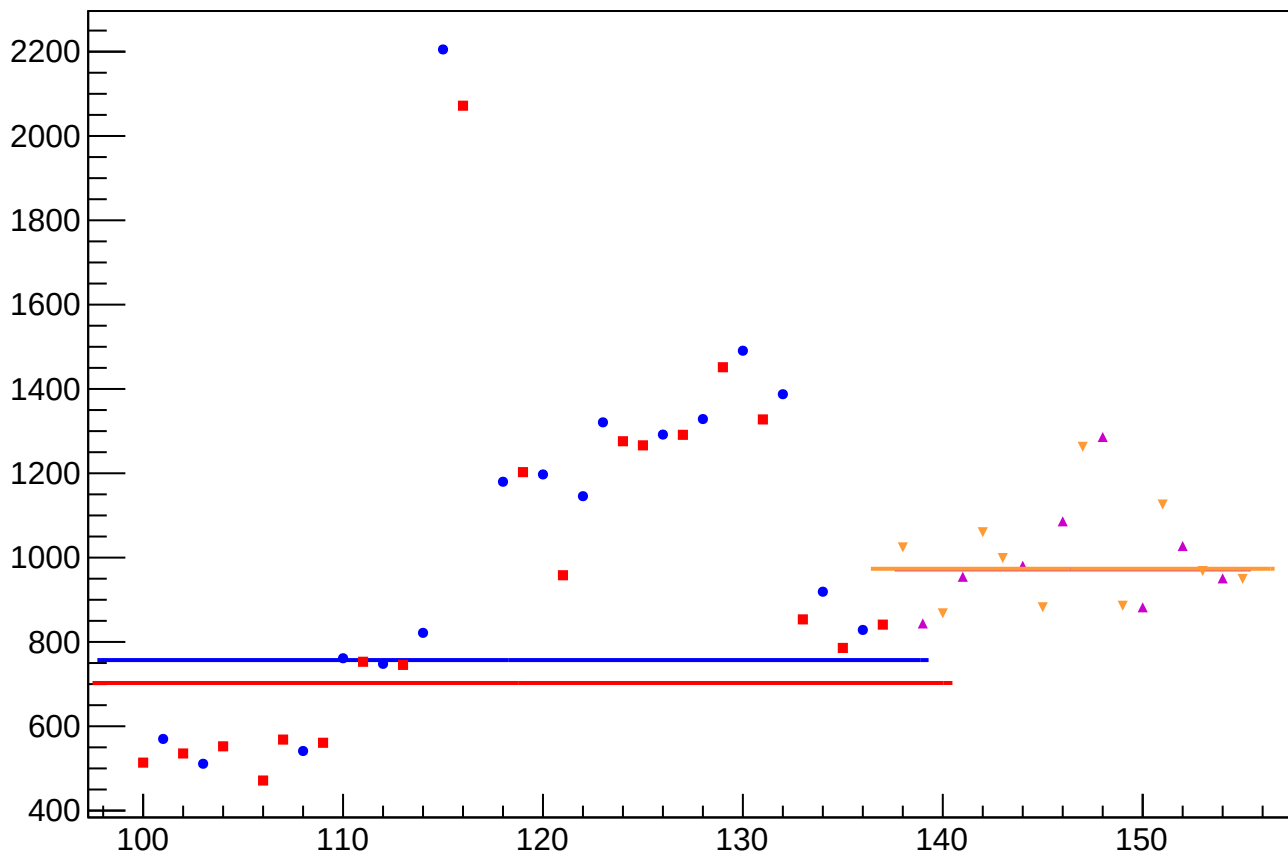
Right: -339.397+/-209.669 χ^2/NDF : 39.5/35

In: -267.492+/-241.725 χ^2/NDF : 35.3/24

Out: -68.257+/-222.897 χ^2/NDF : 33.6/28

All: -159.814+/-163.864 χ^2/NDF : 69.3/53

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 973.564 $\pm$ 0.256 χ^2 /NDF:175581.9/9

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

Left In: 972.140 $\pm$ 0.270 χ^2 /NDF:171707.3/7

Left: 972.889 $\pm$ 0.186 χ^2 /NDF: 347303.8/17

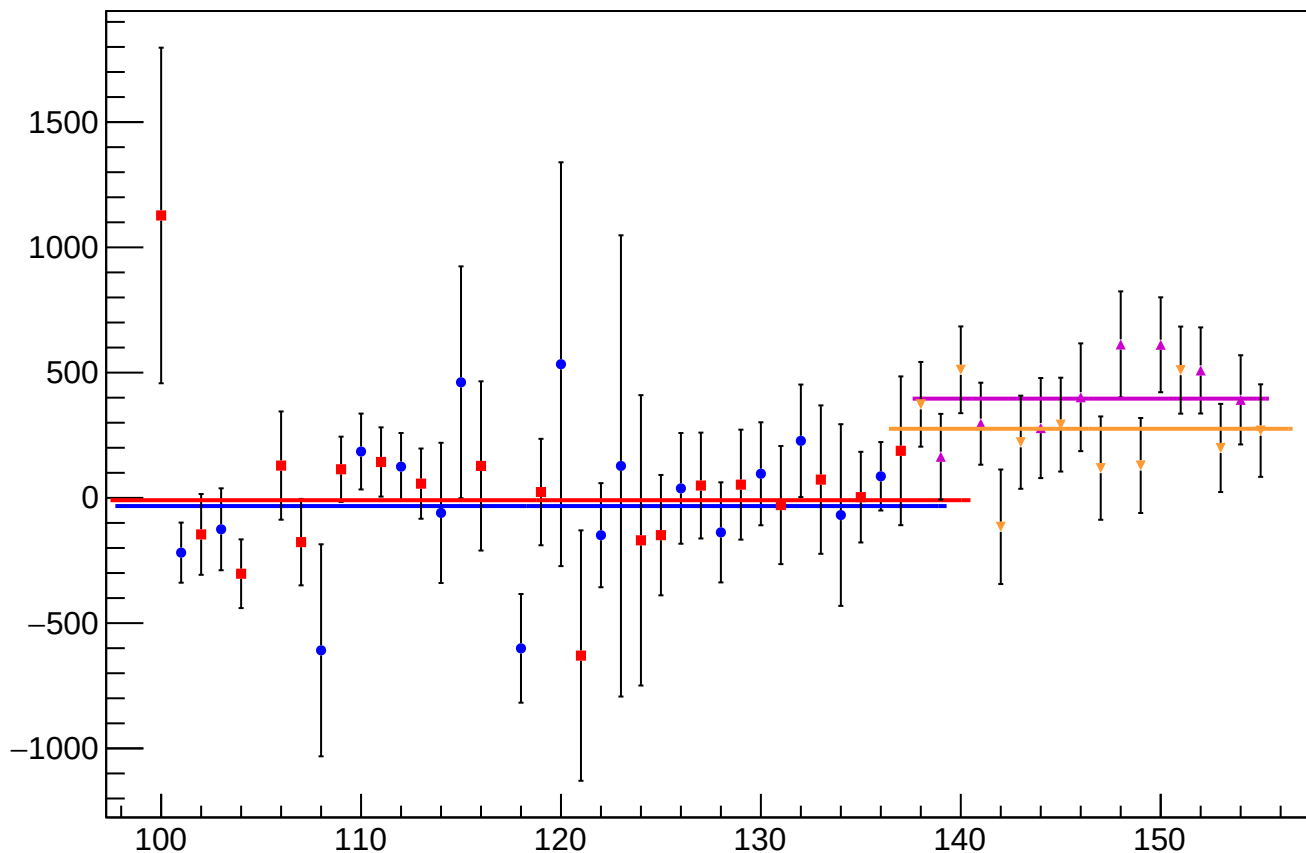
Right: 727.113 $\pm$ 0.148 χ^2 /NDF: 3434103.1/35

In: 843.405 $\pm$ 0.171 χ^2 /NDF:2263794.4/24

Out: 805.220 $\pm$ 0.158 χ^2 /NDF:2560211.1/28

All: 822.768 $\pm$ 0.116 χ^2 /NDF: 4850979.3/53

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 ± 48.431 $\chi^2/\text{NDF}: 19.7/16$

Left Out: 275.825 ± 58.622 $\chi^2/\text{NDF}: 8.4/9$

Right Out: -9.277 ± 45.600 $\chi^2/\text{NDF}: 14.7/18$

Left In: 396.131 ± 65.412 $\chi^2/\text{NDF}: 5.3/7$

Left: 329.412 ± 43.656 $\chi^2/\text{NDF}: 15.6/17$

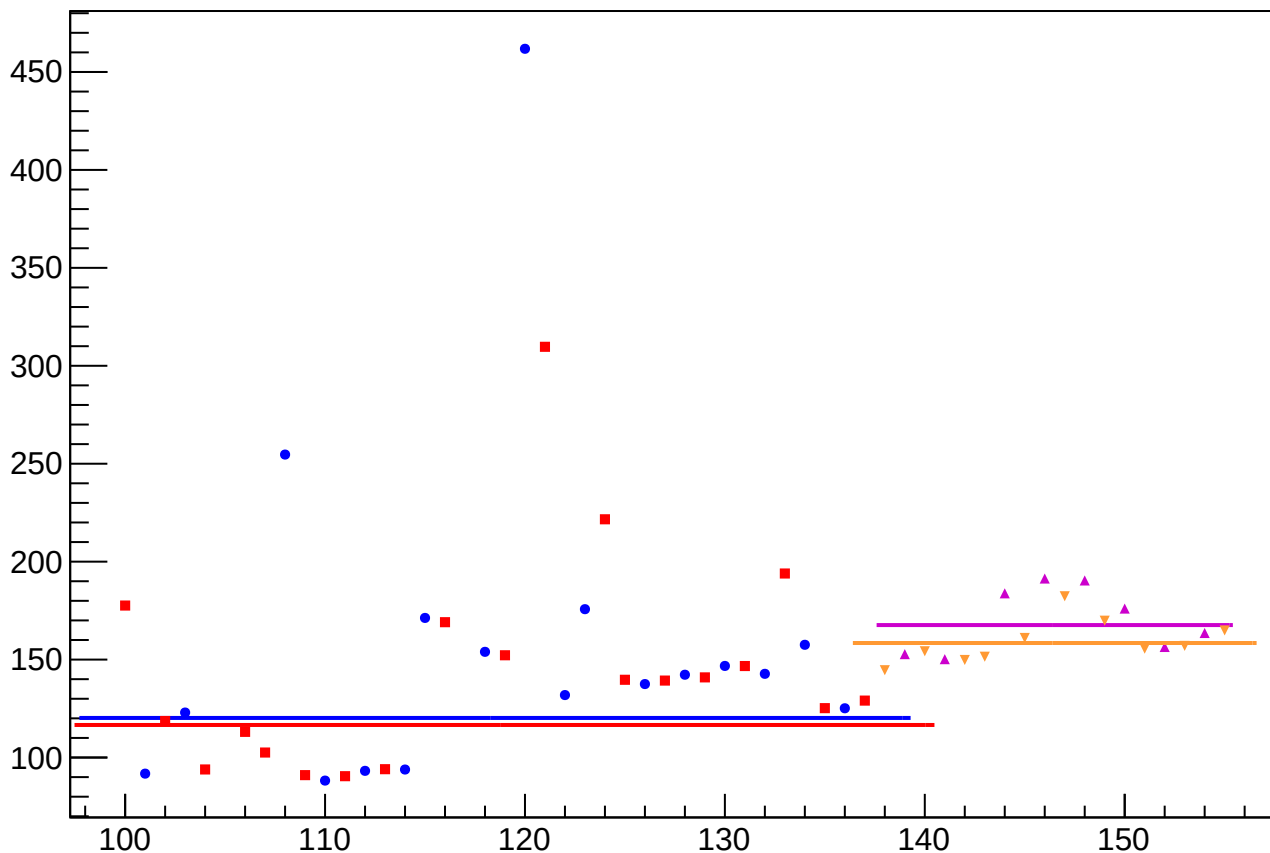
Right: -20.281 ± 33.200 $\chi^2/\text{NDF}: 34.6/35$

In: 119.147 ± 38.924 $\chi^2/\text{NDF}: 52.8/24$

Out: 98.198 ± 35.993 $\chi^2/\text{NDF}: 37.8/28$

All: 107.854 ± 26.426 $\chi^2/\text{NDF}: 90.8/53$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 ± 0.034 $\chi^2/\text{NDF}: 1062326.6/16$

Left Out: 158.469 ± 0.041 $\chi^2/\text{NDF}: 57879.1/9$

Right Out: 116.618 ± 0.032 $\chi^2/\text{NDF}: 997956.6/18$

Left In: 167.626 ± 0.046 $\chi^2/\text{NDF}: 111810.8/7$

Left: 162.548 ± 0.031 $\chi^2/\text{NDF}: 191424.2/17$

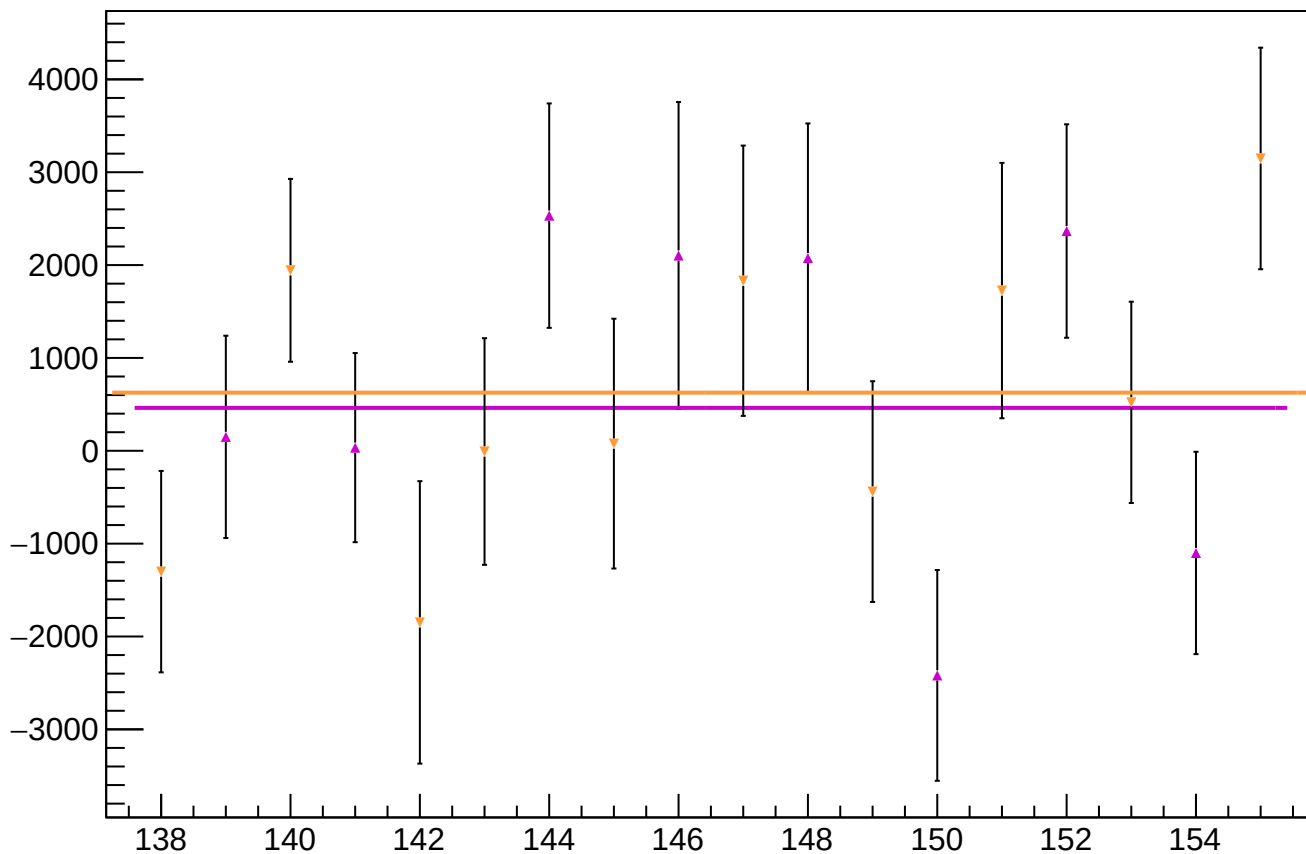
Right: 118.304 ± 0.023 $\chi^2/\text{NDF}: 2066104.2/35$

In: 136.997 ± 0.028 $\chi^2/\text{NDF}: 1853015.8/24$

Out: 132.395 ± 0.025 $\chi^2/\text{NDF}: 1690913.7/28$

All: 134.516 ± 0.019 $\chi^2/\text{NDF}: 3559003.2/53$

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 626.175+/-383.472 χ^2/NDF :14.6/9

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

Left In: 462.081+/-418.560 χ^2/NDF :16.7/7

Left: 551.293+/-282.748 χ^2/NDF : 31.4/17

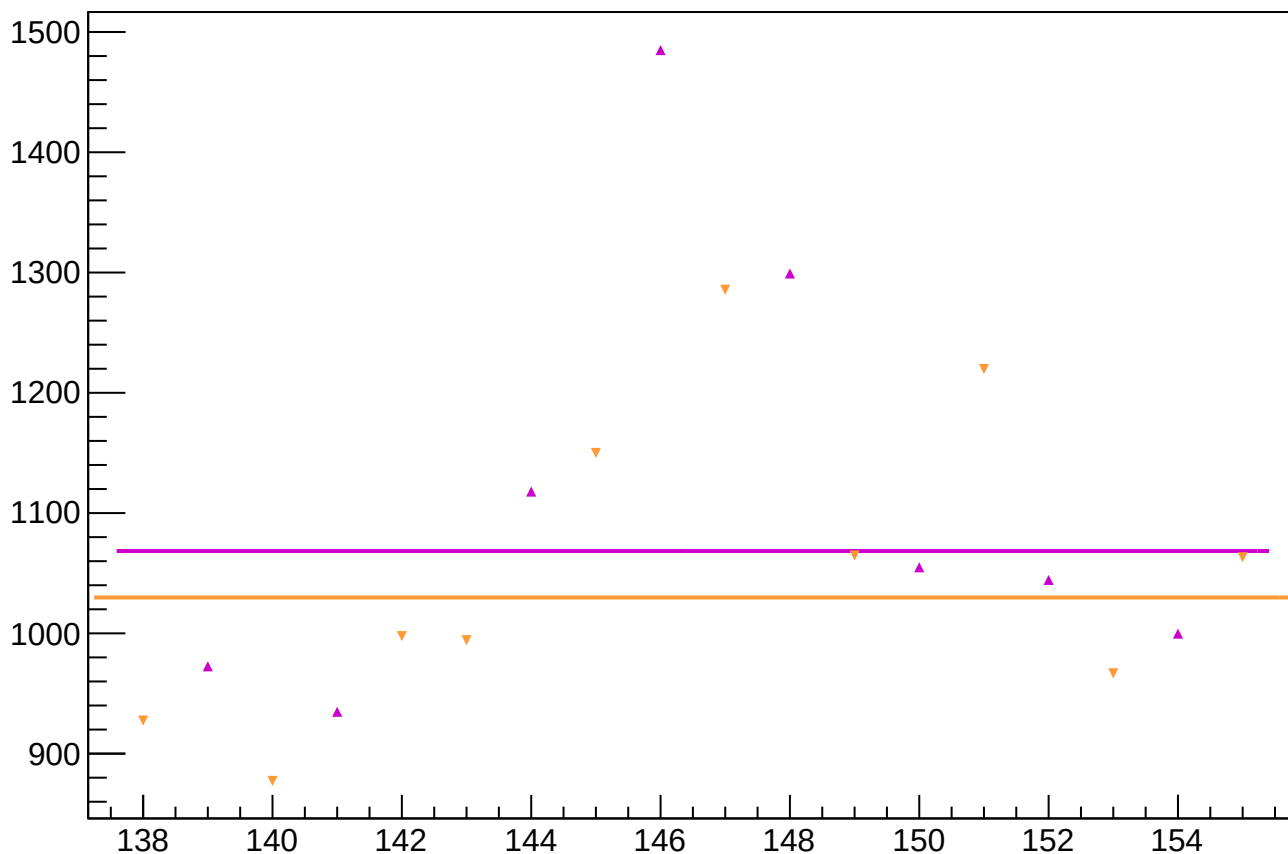
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 462.081+/-418.560 χ^2/NDF :16.7/7

Out: 626.175+/-383.472 χ^2/NDF :14.6/9

All: 551.293+/-282.748 χ^2/NDF : 31.4/17

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1029.823+/-0.271 χ^2/NDF :194386.8/9

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

Left In: 1068.466+/-0.296 χ^2/NDF :240019.6/7

Left: 1047.457+/-0.200 χ^2/NDF : 443674.3/17

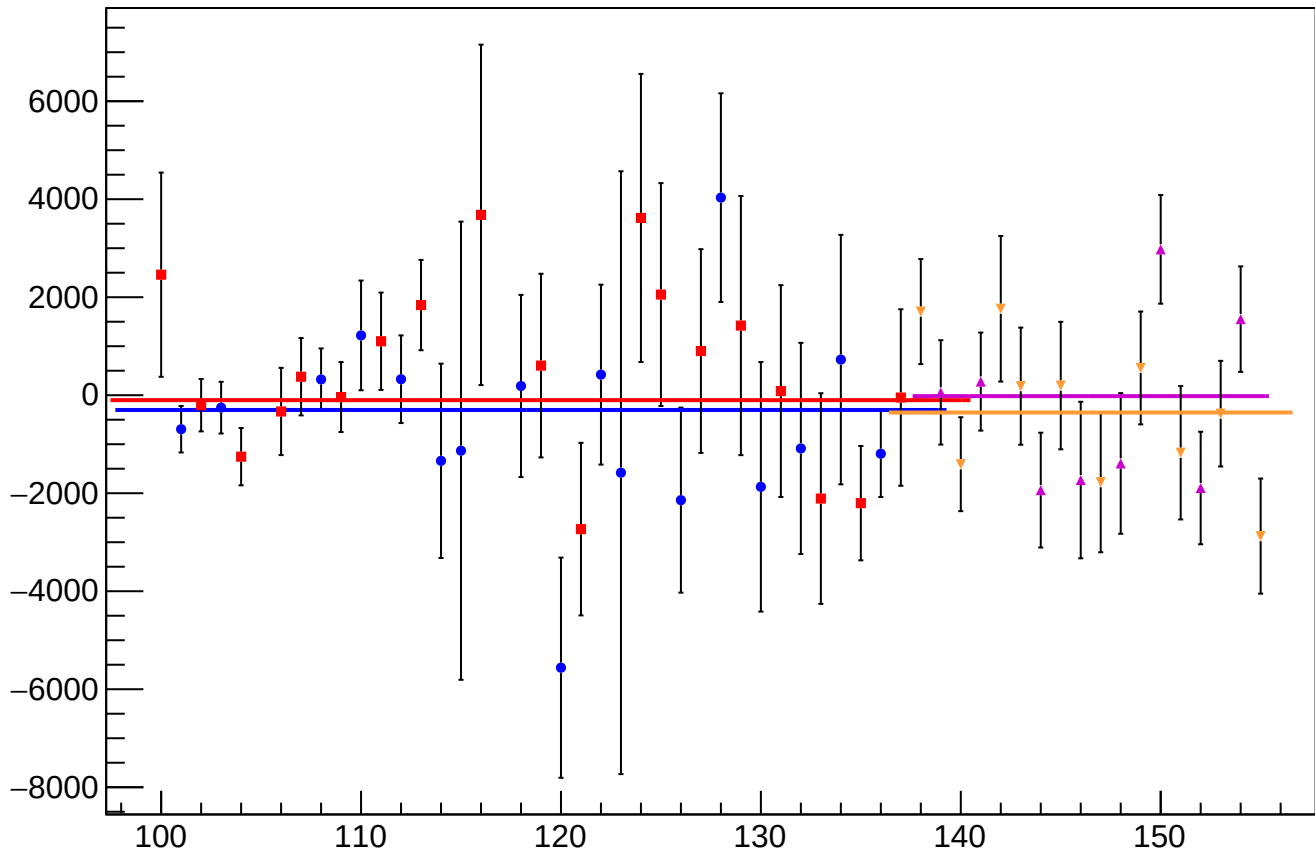
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1068.466+/-0.296 χ^2/NDF :240019.6/7

Out: 1029.823+/-0.271 χ^2/NDF :194386.8/9

All: 1047.457+/-0.200 χ^2/NDF : 443674.3/17

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 ± 250.042 $\chi^2/\text{NDF}: 16.8/16$

Left Out: -352.898 ± 376.009 $\chi^2/\text{NDF}: 13.9/9$

Right Out: -100.857 ± 245.981 $\chi^2/\text{NDF}: 22.5/18$

Left In: -18.677 ± 410.865 $\chi^2/\text{NDF}: 16.9/7$

Left: -200.564 ± 277.384 $\chi^2/\text{NDF}: 31.2/17$

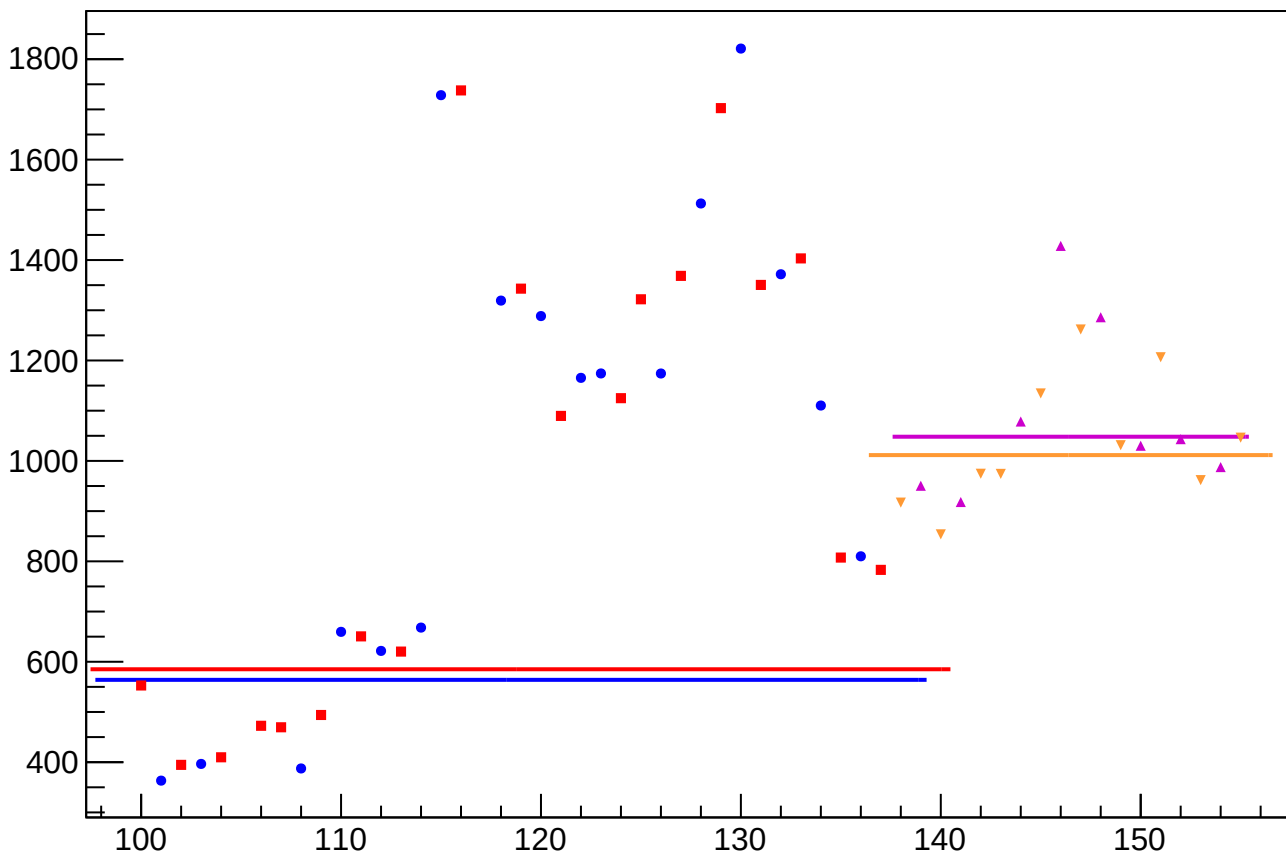
Right: -199.290 ± 175.353 $\chi^2/\text{NDF}: 39.7/35$

In: -224.698 ± 213.597 $\chi^2/\text{NDF}: 34.1/24$

Out: -176.394 ± 205.846 $\chi^2/\text{NDF}: 36.7/28$

All: -199.654 ± 148.220 $\chi^2/\text{NDF}: 70.9/53$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1011.562 $\pm$ 0.266 χ^2 /NDF:199724.1/9

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

Left In: 1048.172 $\pm$ 0.291 χ^2 /NDF:227023.1/7

Left: 1028.248 $\pm$ 0.196 χ^2 /NDF: 435389.0/17

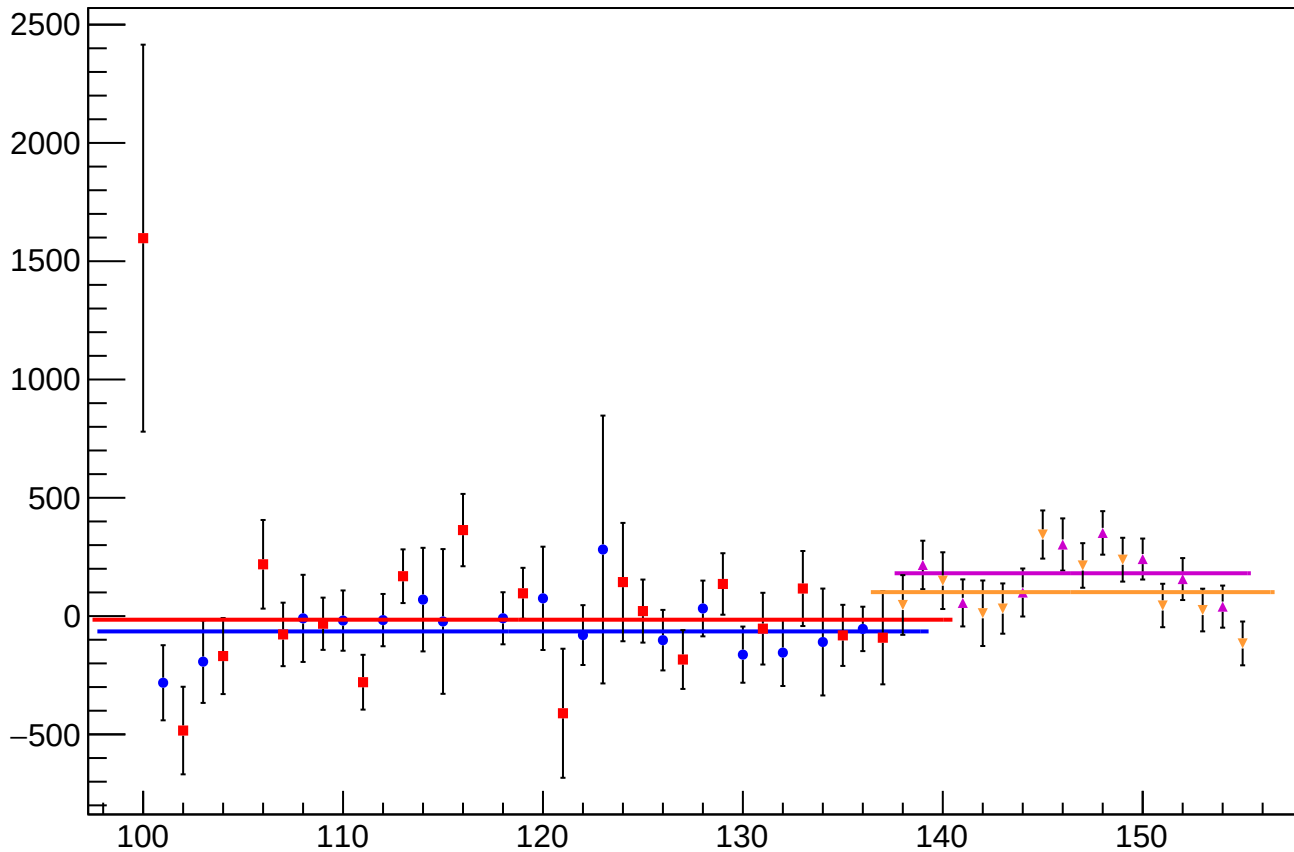
Right: 574.709 $\pm$ 0.124 χ^2 /NDF: 6089543.5/35

In: 694.858 $\pm$ 0.151 χ^2 /NDF:5515209.9/24

Out: 712.890 $\pm$ 0.146 χ^2 /NDF:4822496.6/28

All: 704.207 $\pm$ 0.105 χ^2 /NDF: 10345096.7/53

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 101.273 ± 32.325 χ^2/NDF : 17.1/9

Right Out: -15.294 ± 33.422 χ^2/NDF : 35.0/18

Left In: 181.029 ± 33.692 χ^2/NDF : 10.1/7

Left: 139.500 ± 23.326 χ^2/NDF : 30.1/17

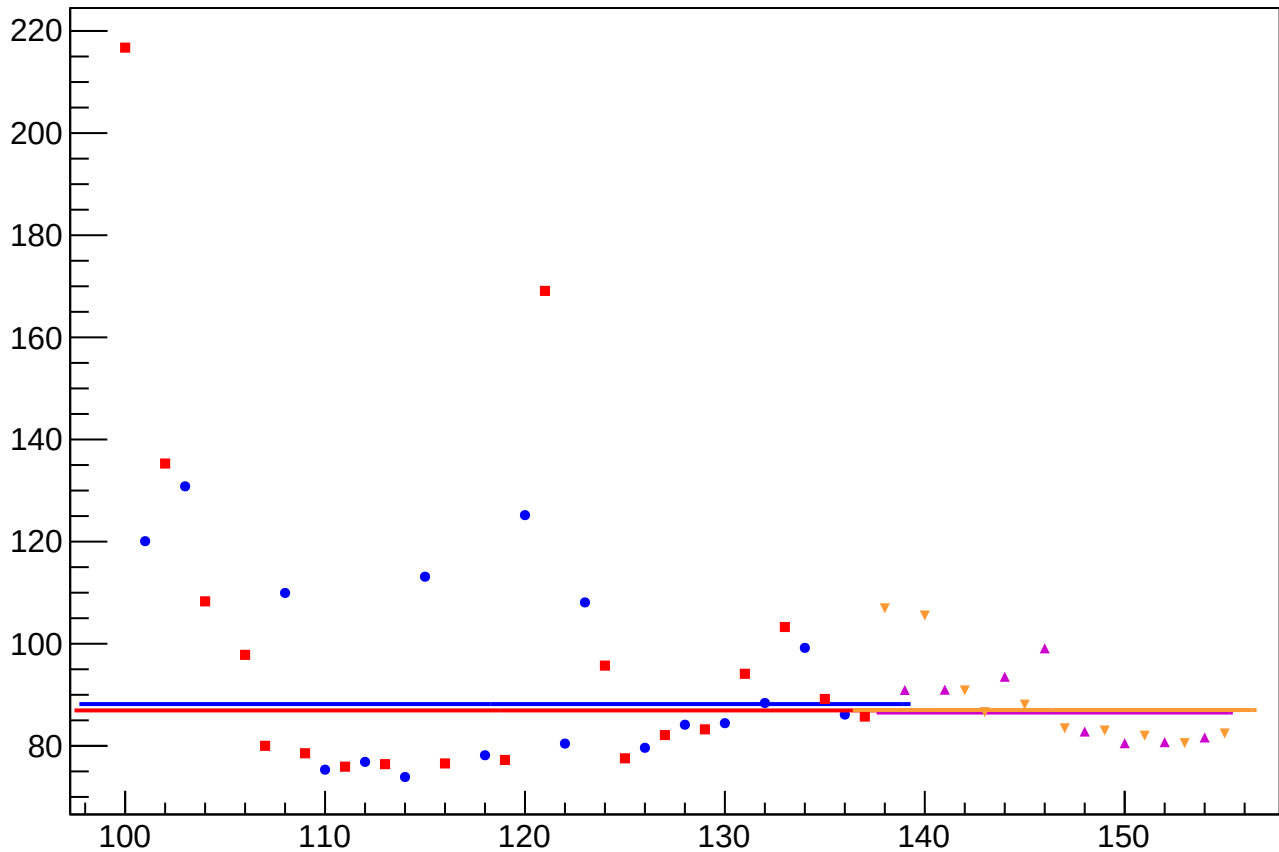
Right: -39.167 ± 24.048 χ^2/NDF : 42.2/35

In: 61.486 ± 24.149 χ^2/NDF : 42.1/24

Out: 44.933 ± 23.235 χ^2/NDF : 58.4/28

All: 52.891 ± 16.743 χ^2/NDF : 100.7/53

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186 $\pm$ 0.024 χ^2/NDF : 394447.7/16

Left Out: 87.019 $\pm$ 0.023 χ^2/NDF : 127194.7/9

Right Out: 86.943 $\pm$ 0.024 χ^2/NDF : 531359.9/18

Left In: 86.522 $\pm$ 0.024 χ^2/NDF : 70731.9/7

Left: 86.781 $\pm$ 0.016 χ^2/NDF : 198153.4/17

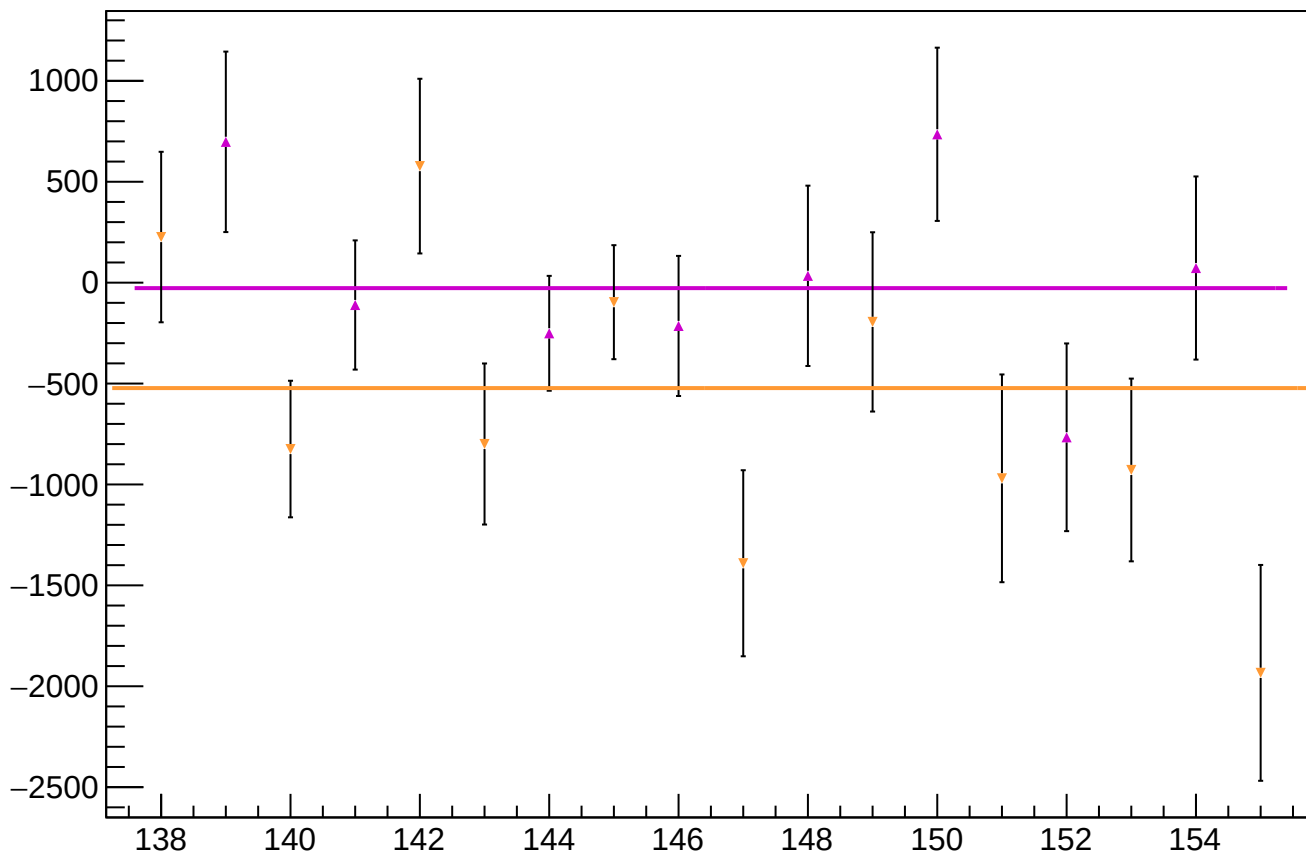
Right: 87.542 $\pm$ 0.017 χ^2/NDF : 927142.1/35

In: 87.331 $\pm$ 0.017 χ^2/NDF : 467551.4/24

Out: 86.982 $\pm$ 0.016 χ^2/NDF : 658560.0/28

All: 87.150 $\pm$ 0.012 χ^2/NDF : 1126328.2/53

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -522.444+/-128.664 χ^2/NDF :25.8/9

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

Left In: -27.102+/-134.453 χ^2/NDF :9.4/7

Left: -285.666+/-92.958 χ^2/NDF : 42.2/17

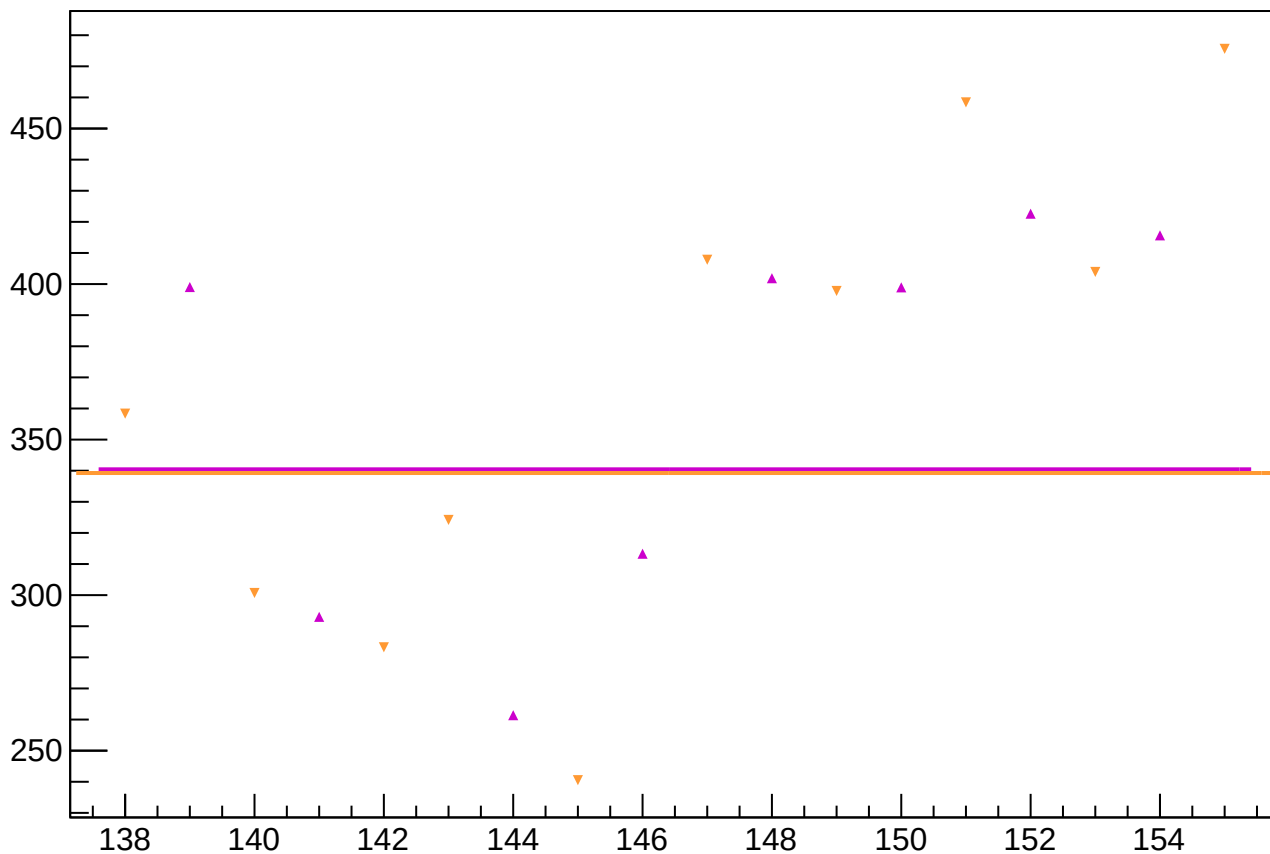
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.102+/-134.453 χ^2/NDF :9.4/7

Out: -522.444+/-128.664 χ^2/NDF :25.8/9

All: -285.666+/-92.958 χ^2/NDF : 42.2/17

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 339.258+/-0.091 χ^2/NDF : 667677.5/9

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

Left In: 340.443+/-0.095 χ^2/NDF : 437082.8/7

Left: 339.825+/-0.066 χ^2/NDF : 1104841.4/17

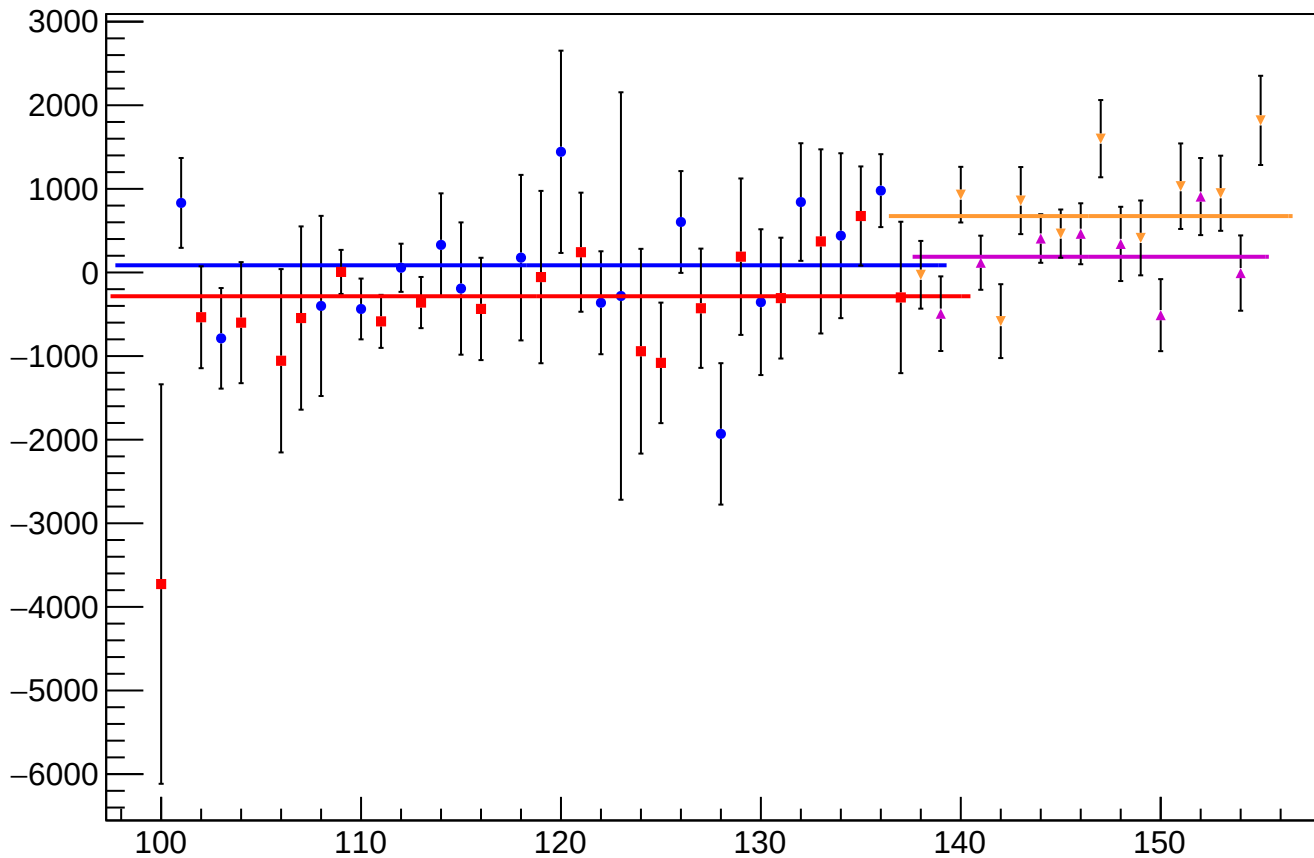
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 340.443+/-0.095 χ^2/NDF : 437082.8/7

Out: 339.258+/-0.091 χ^2/NDF : 667677.5/9

All: 339.825+/-0.066 χ^2/NDF : 1104841.4/17

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 ± 142.601 χ^2/NDF : 20.6/16

Left Out: 674.376 ± 128.607 χ^2/NDF : 22.2/9

Right Out: -284.456 ± 129.599 χ^2/NDF : 10.6/18

Left In: 187.832 ± 136.046 χ^2/NDF : 8.9/7

Left: 444.769 ± 93.458 χ^2/NDF : 37.9/17

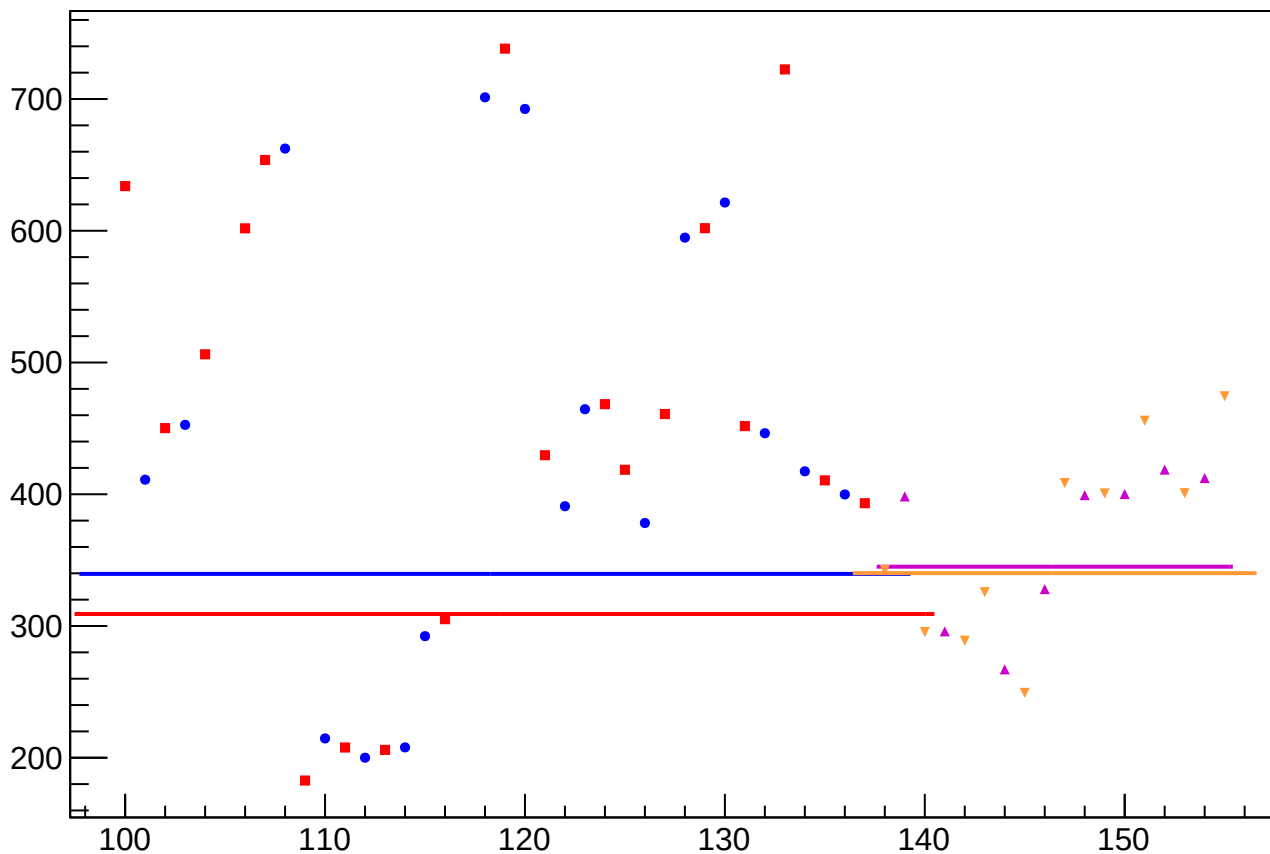
Right: -116.969 ± 95.908 χ^2/NDF : 34.9/35

In: 139.220 ± 98.435 χ^2/NDF : 29.7/24

Out: 198.643 ± 91.288 χ^2/NDF : 60.4/28

All: 171.167 ± 66.934 χ^2/NDF : 90.3/53

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 340.132 $\pm$ 0.091 χ^2 /NDF: 610204.9/9

Right Out: 309.105 $\pm$ 0.092 χ^2 /NDF: 2730308.7/18

Left In: 345.023 $\pm$ 0.096 χ^2 /NDF: 381156.0/7

Left: 342.440 $\pm$ 0.066 χ^2 /NDF: 992726.0/17

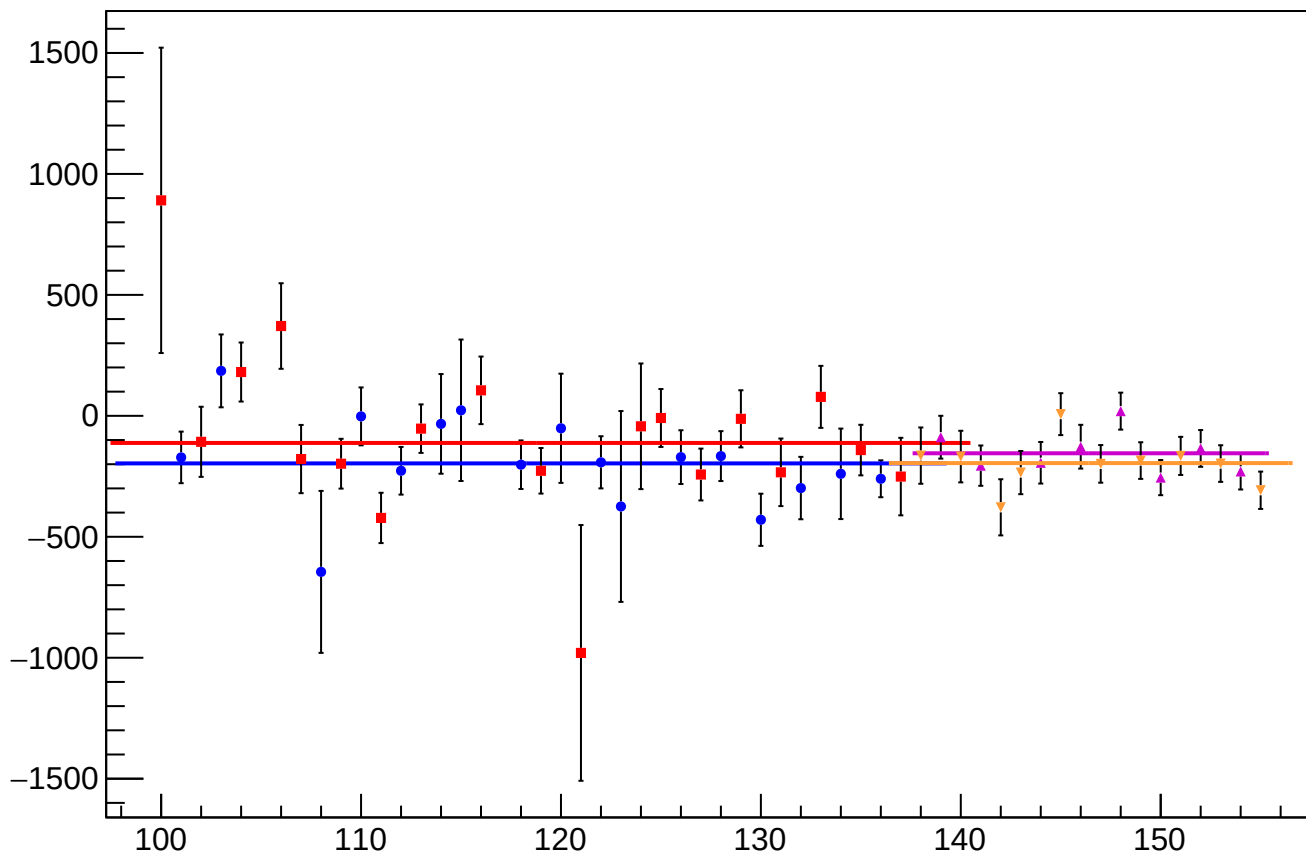
Right: 322.878 $\pm$ 0.068 χ^2 /NDF: 4822487.1/35

In: 342.416 $\pm$ 0.070 χ^2 /NDF: 2424940.8/24

Out: 324.737 $\pm$ 0.065 χ^2 /NDF: 3398268.4/28

All: 332.912 $\pm$ 0.047 χ^2 /NDF: 5857891.6/53

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -195.381 ± 27.337 χ^2/NDF : 10.5/9

Right Out: -112.097 ± 29.622 χ^2/NDF : 39.3/18

Left In: -154.791 ± 28.377 χ^2/NDF : 9.4/7

Left: -175.844 ± 19.687 χ^2/NDF : 21.0/17

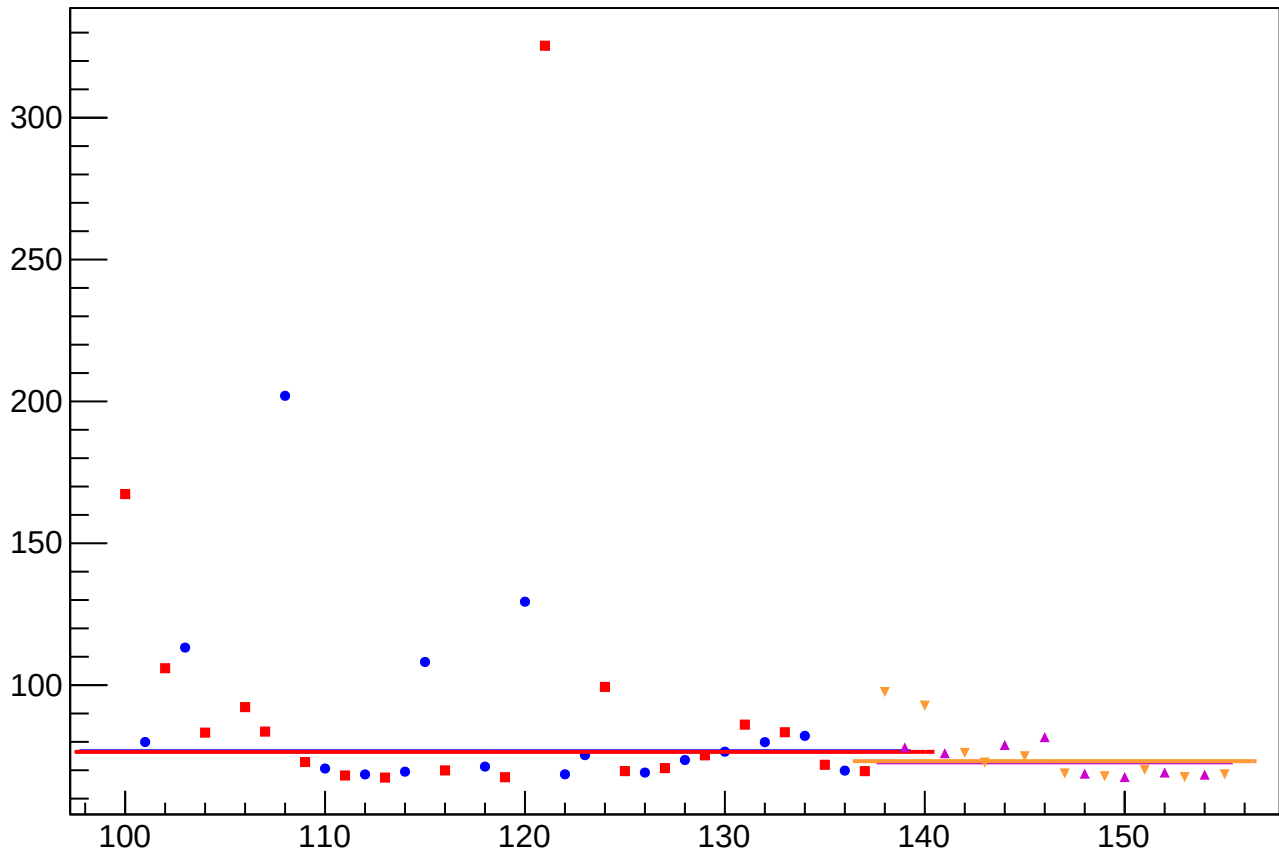
Right: -153.254 ± 21.215 χ^2/NDF : 62.3/35

In: -174.258 ± 20.744 χ^2/NDF : 29.5/24

Out: -157.075 ± 20.089 χ^2/NDF : 54.2/28

All: -165.392 ± 14.431 χ^2/NDF : 84.0/53

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2/NDF : 600348.1/16

Left Out: 73.204 $\pm$ 0.019 χ^2/NDF :194736.8/9

Right Out: 76.479 $\pm$ 0.021 χ^2/NDF : 699361.8/18

Left In: 72.785 $\pm$ 0.020 χ^2/NDF :66150.4/7

Left: 73.002 $\pm$ 0.014 χ^2/NDF : 261113.1/17

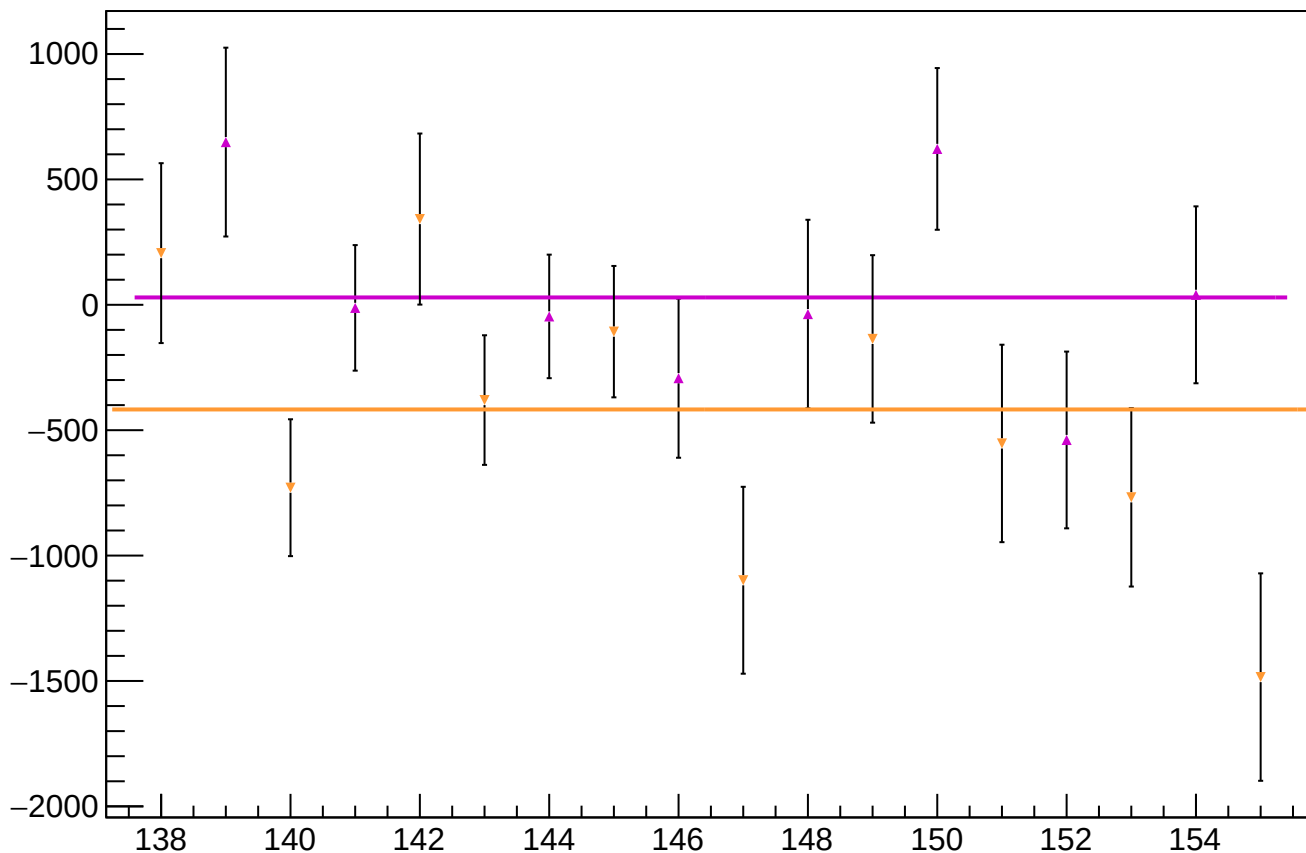
Right: 76.583 $\pm$ 0.015 χ^2/NDF : 1299760.4/35

In: 74.604 $\pm$ 0.015 χ^2/NDF :684154.0/24

Out: 74.710 $\pm$ 0.014 χ^2/NDF :907303.2/28

All: 74.659 $\pm$ 0.010 χ^2/NDF : 1591484.1/53

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -417.315+/-102.217 χ^2/NDF :22.5/9

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

Left In: 29.353+/-110.295 χ^2/NDF :9.9/7

Left: -210.935+/-74.972 χ^2/NDF : 41.2/17

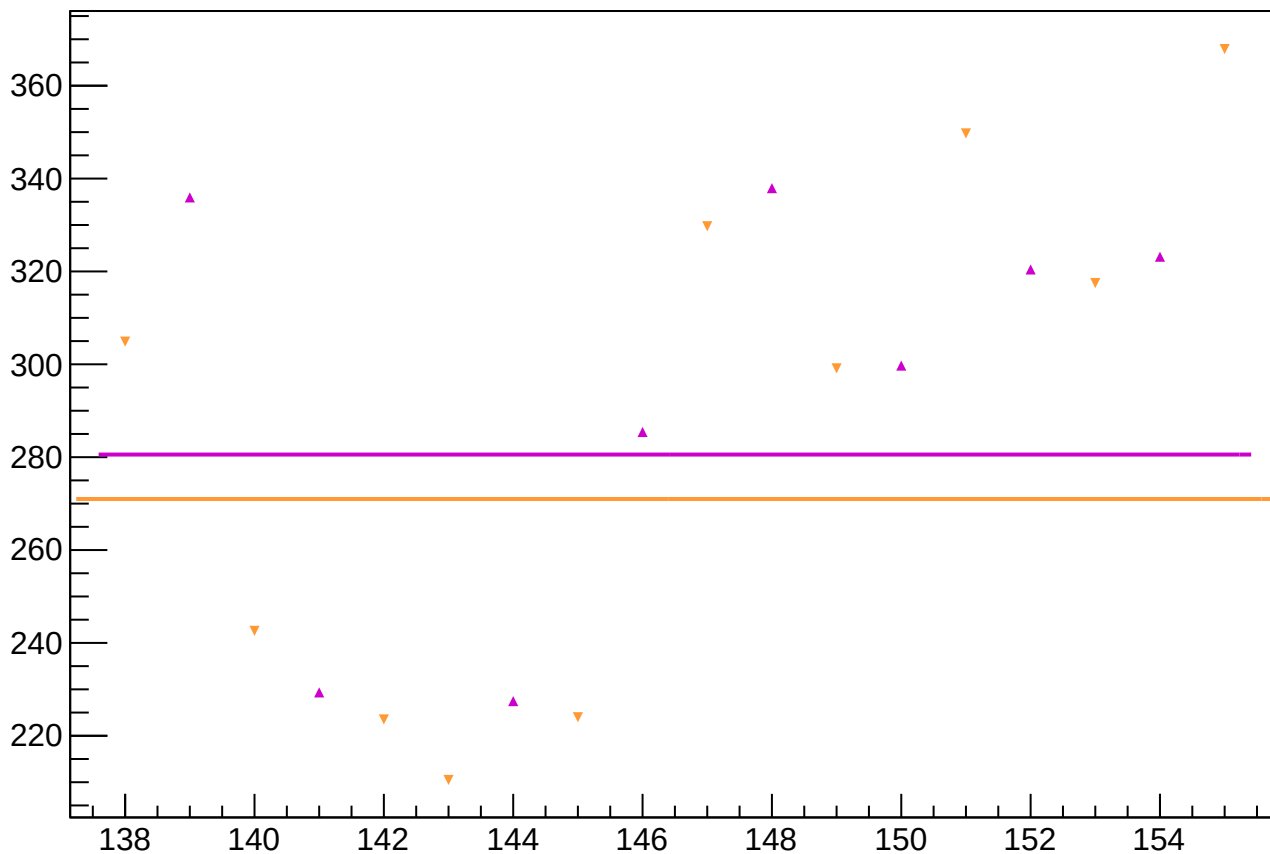
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.353+/-110.295 χ^2/NDF :9.9/7

Out: -417.315+/-102.217 χ^2/NDF :22.5/9

All: -210.935+/-74.972 χ^2/NDF : 41.2/17

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 270.998+/-0.072 χ^2/NDF :540094.5/9

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

Left In: 280.566+/-0.078 χ^2/NDF :328810.8/7

Left: 275.418+/-0.053 χ^2/NDF : 877002.1/17

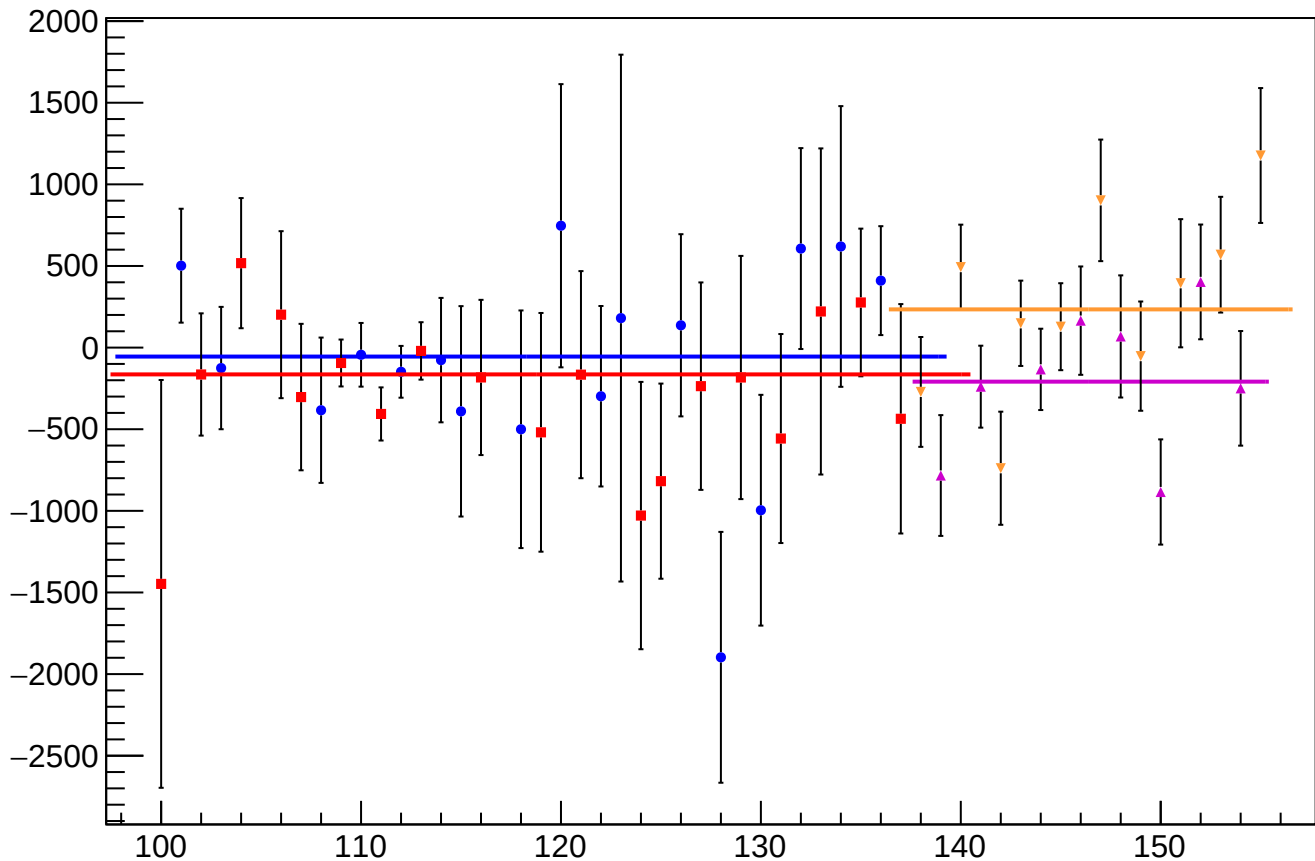
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 280.566+/-0.078 χ^2/NDF :328810.8/7

Out: 270.998+/-0.072 χ^2/NDF :540094.5/9

All: 275.418+/-0.053 χ^2/NDF : 877002.1/17

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: 234.082 ± 101.465 $\chi^2/\text{NDF}: 21.6/9$

Right Out: -164.141 ± 76.903 $\chi^2/\text{NDF}: 11.9/18$

Left In: -208.592 ± 110.862 $\chi^2/\text{NDF}: 11.8/7$

Left: 32.299 ± 74.849 $\chi^2/\text{NDF}: 42.1/17$

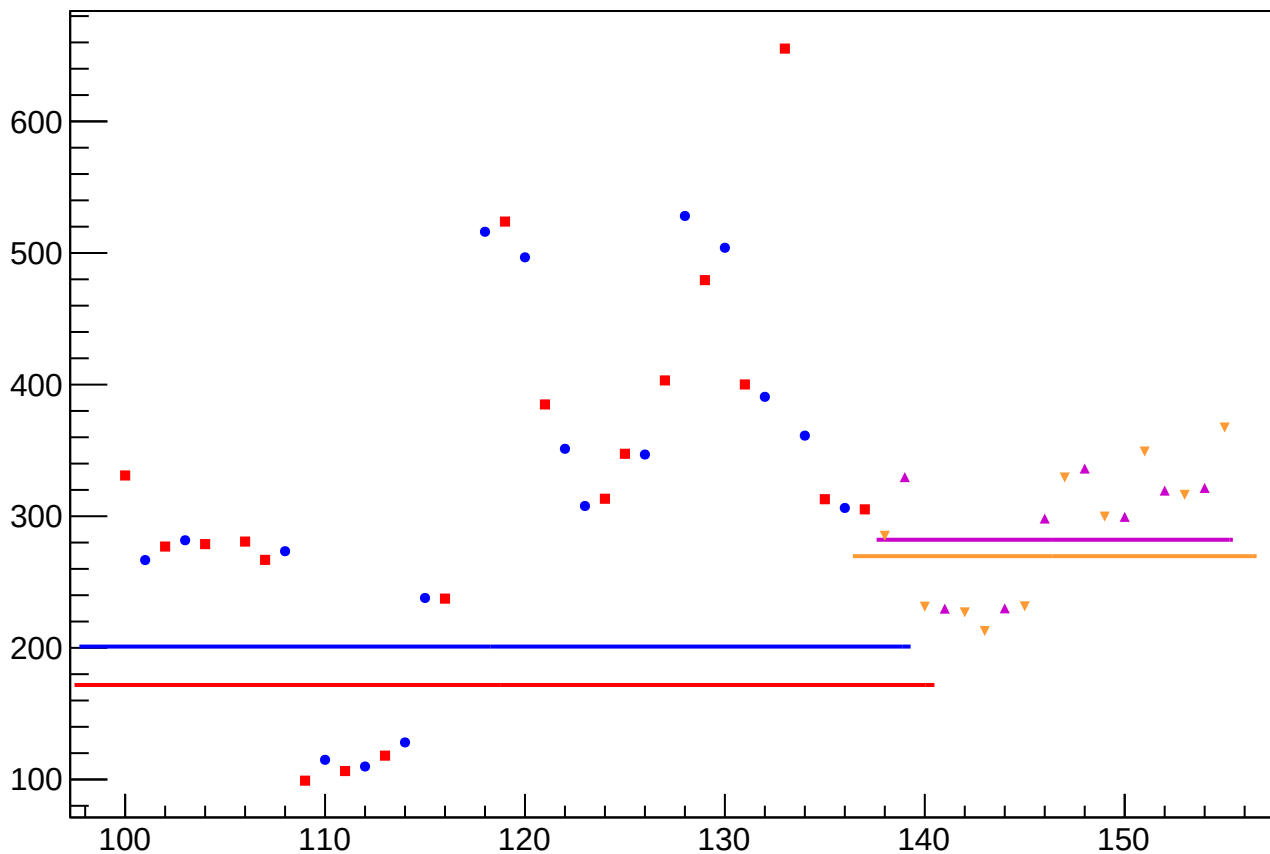
Right: -118.264 ± 58.563 $\chi^2/\text{NDF}: 29.3/35$

In: -116.263 ± 70.039 $\chi^2/\text{NDF}: 29.5/24$

Out: -18.846 ± 61.288 $\chi^2/\text{NDF}: 43.3/28$

All: -61.092 ± 46.123 $\chi^2/\text{NDF}: 73.9/53$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 269.665+/-0.072 χ^2/NDF : 510143.2/9

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

Left In: 282.140+/-0.078 χ^2/NDF : 307750.2/7

Left: 275.351+/-0.053 χ^2/NDF : 831673.4/17

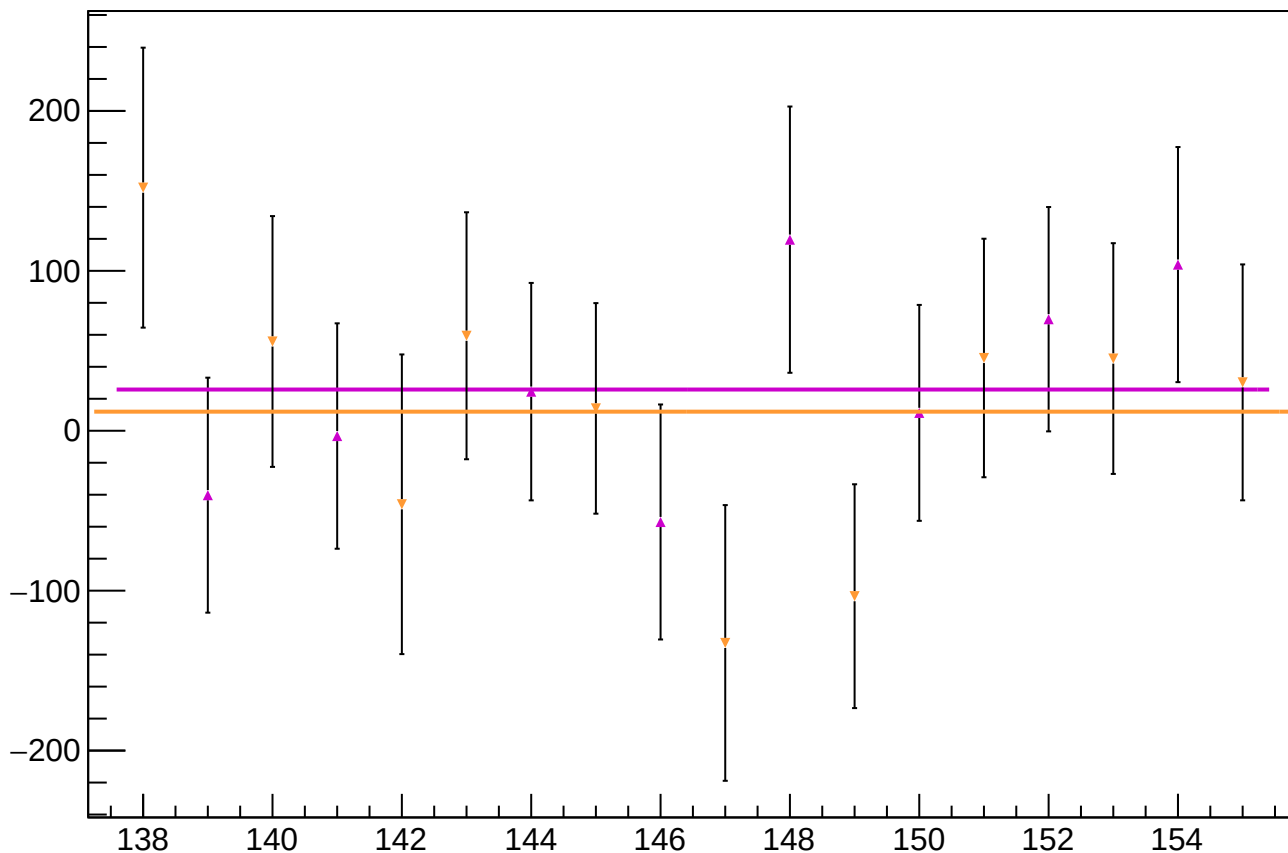
Right: 184.051+/-0.041 χ^2/NDF : 7649725.9/35

In: 233.368+/-0.050 χ^2/NDF : 4388104.5/24

Out: 207.503+/-0.043 χ^2/NDF : 5784671.0/28

All: 218.720+/-0.033 χ^2/NDF : 10327244.6/53

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 11.945+/-24.255 χ^2/NDF : 9.6/9

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

Left In: 25.780+/-25.482 χ^2/NDF : 5.1/7

Left: 18.521+/-17.569 χ^2/NDF : 14.9/17

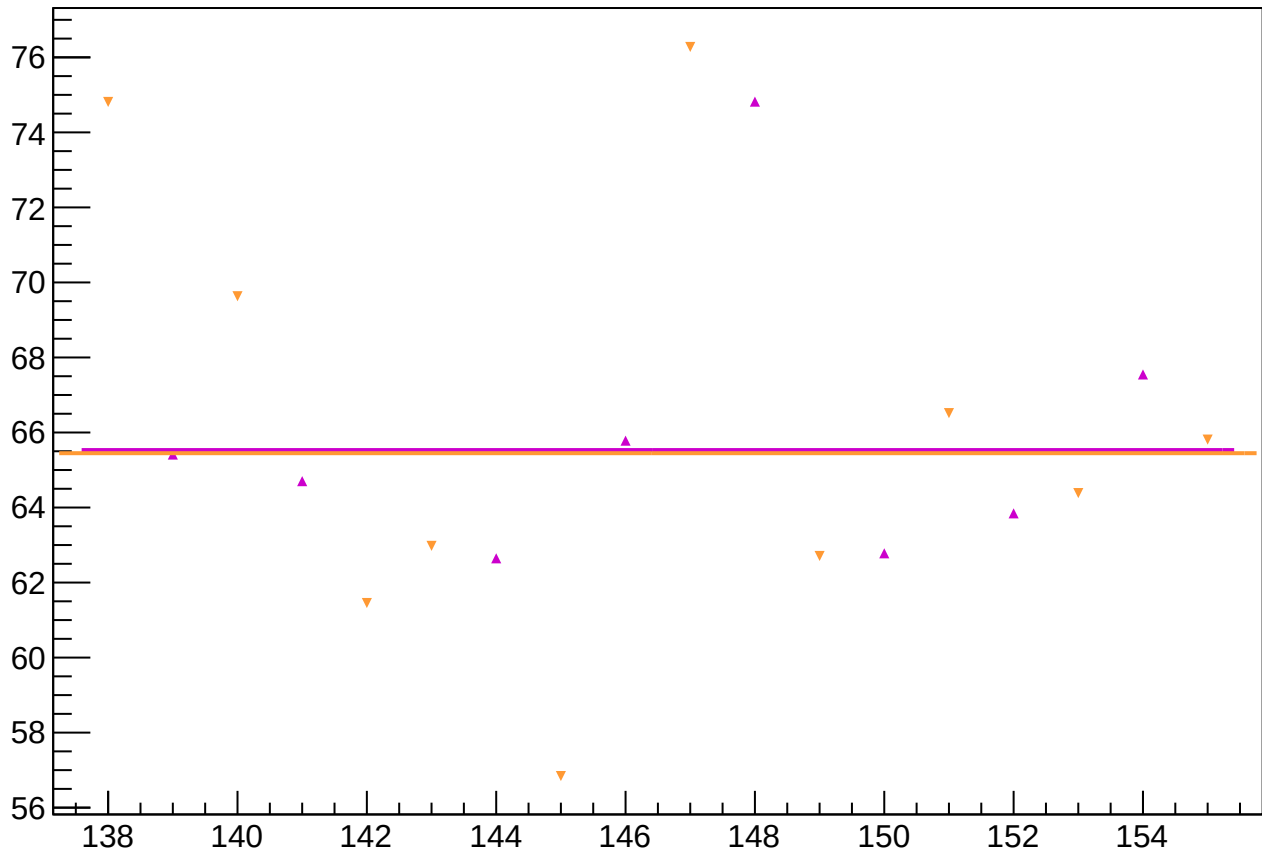
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.780+/-25.482 χ^2/NDF : 5.1/7

Out: 11.945+/-24.255 χ^2/NDF : 9.6/9

All: 18.521+/-17.569 χ^2/NDF : 14.9/17

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 65.448+/-0.017 χ^2/NDF :103940.4/9

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

Left In: 65.532+/-0.018 χ^2/NDF :34785.4/7

Left: 65.488+/-0.012 χ^2/NDF : 138737.1/17

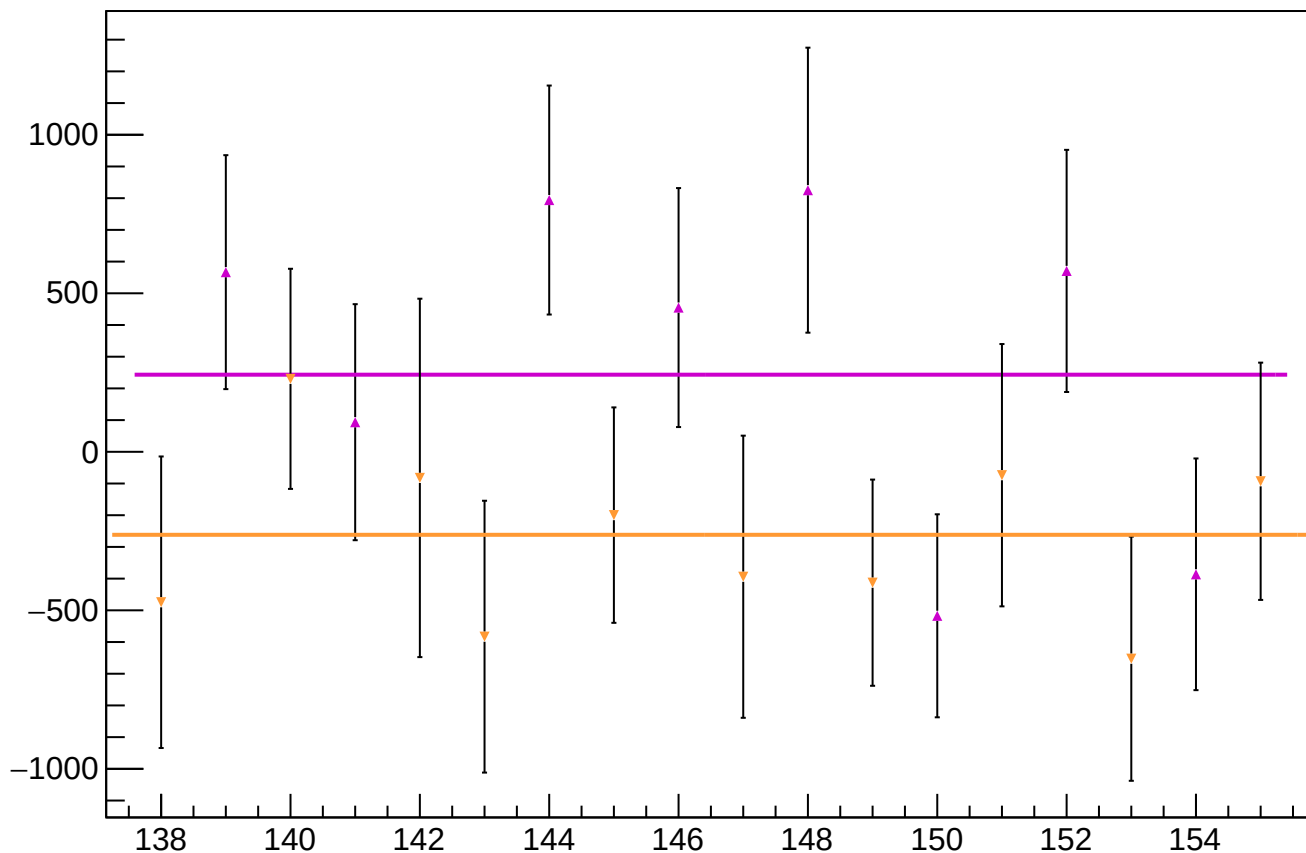
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.532+/-0.018 χ^2/NDF :34785.4/7

Out: 65.448+/-0.017 χ^2/NDF :103940.4/9

All: 65.488+/-0.012 χ^2/NDF : 138737.1/17

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -261.788+/-124.524 χ^2/NDF : 4.7/9

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

Left In: 243.241+/-130.948 χ^2/NDF : 14.6/7

Left: -21.963+/-90.237 χ^2/NDF : 27.1/17

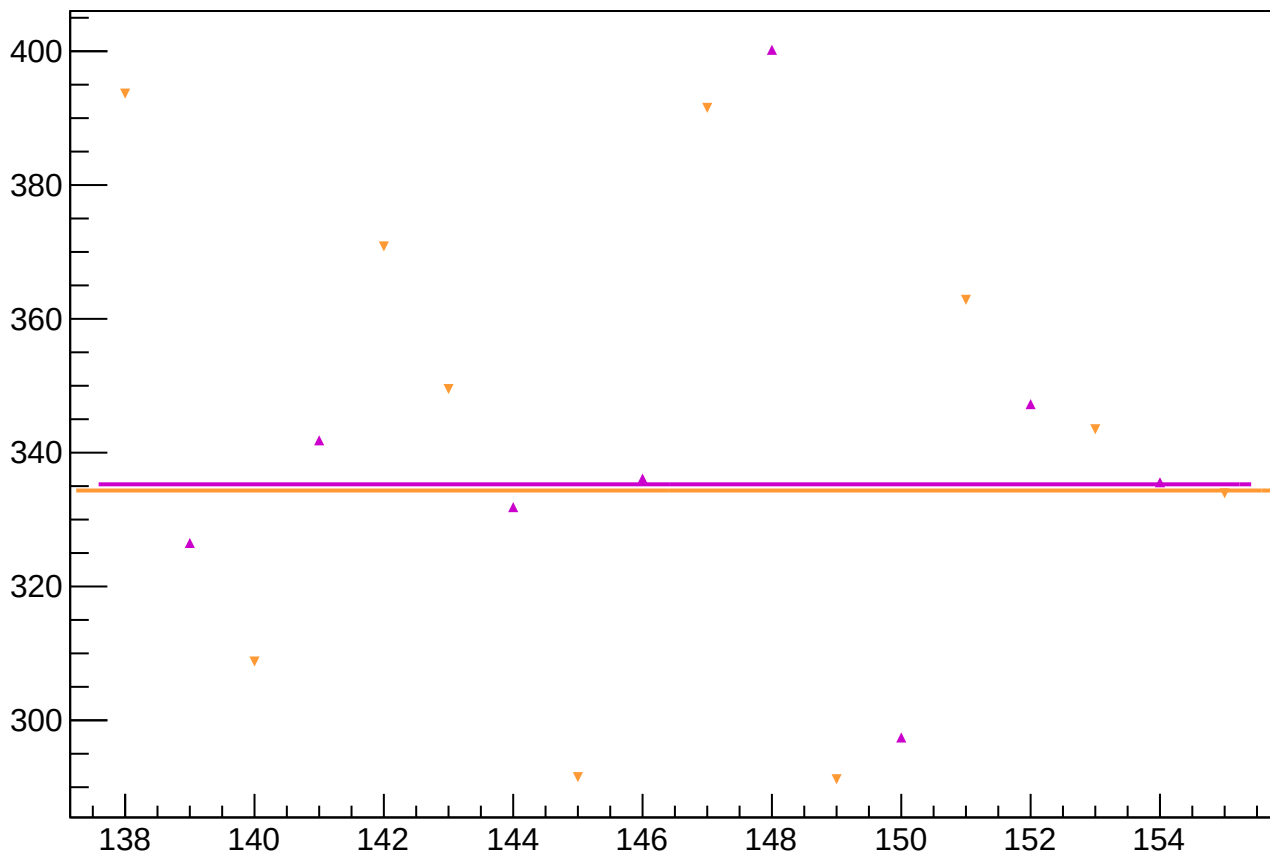
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.241+/-130.948 χ^2/NDF : 14.6/7

Out: -261.788+/-124.524 χ^2/NDF : 4.7/9

All: -21.963+/-90.237 χ^2/NDF : 27.1/17

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 334.344+/-0.088 χ^2/NDF :165640.2/9

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

Left In: 335.270+/-0.093 χ^2/NDF :73593.2/7

Left: 334.783+/-0.064 χ^2/NDF : 239285.9/17

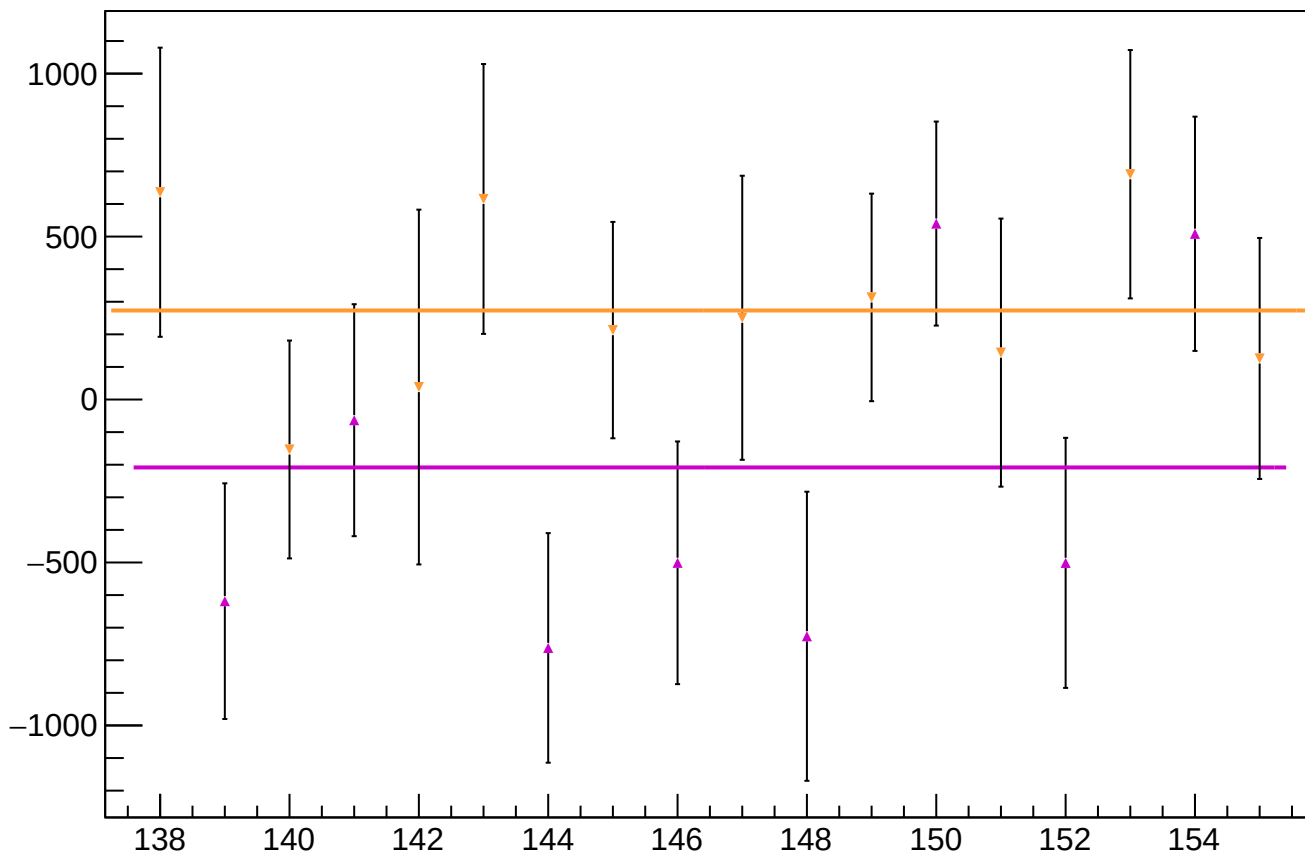
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 335.270+/-0.093 χ^2/NDF :73593.2/7

Out: 334.344+/-0.088 χ^2/NDF :165640.2/9

All: 334.783+/-0.064 χ^2/NDF : 239285.9/17

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 273.224+/-121.656 χ^2/NDF :4.7/9

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

Left In: -208.387+/-128.402 χ^2/NDF :16.2/7

Left: 45.401+/-88.312 χ^2/NDF : 28.3/17

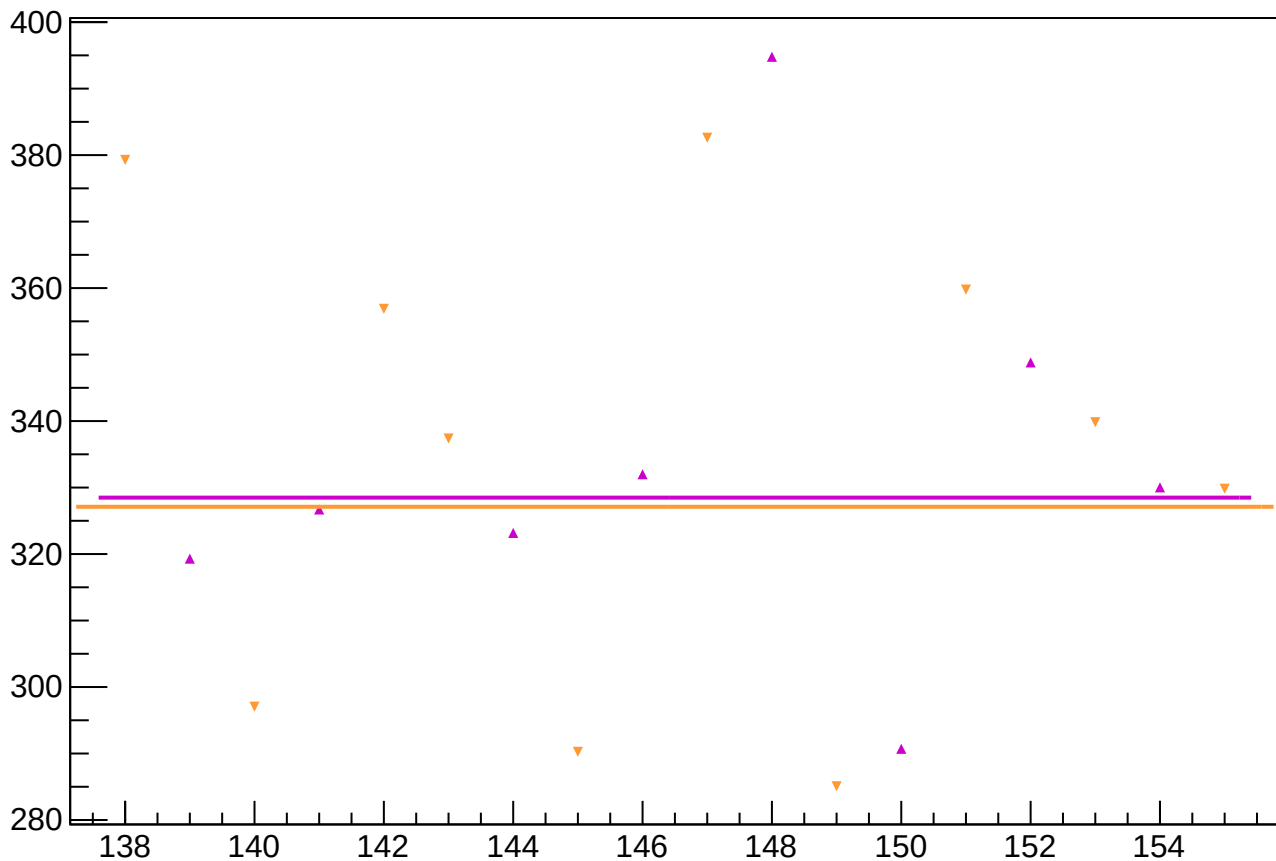
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -208.387+/-128.402 χ^2/NDF :16.2/7

Out: 273.224+/-121.656 χ^2/NDF :4.7/9

All: 45.401+/-88.312 χ^2/NDF : 28.3/17

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 327.110+/-0.086 χ^2/NDF :157989.7/9

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

Left In: 328.486+/-0.091 χ^2/NDF :81462.2/7

Left: 327.761+/-0.062 χ^2/NDF : 239572.9/17

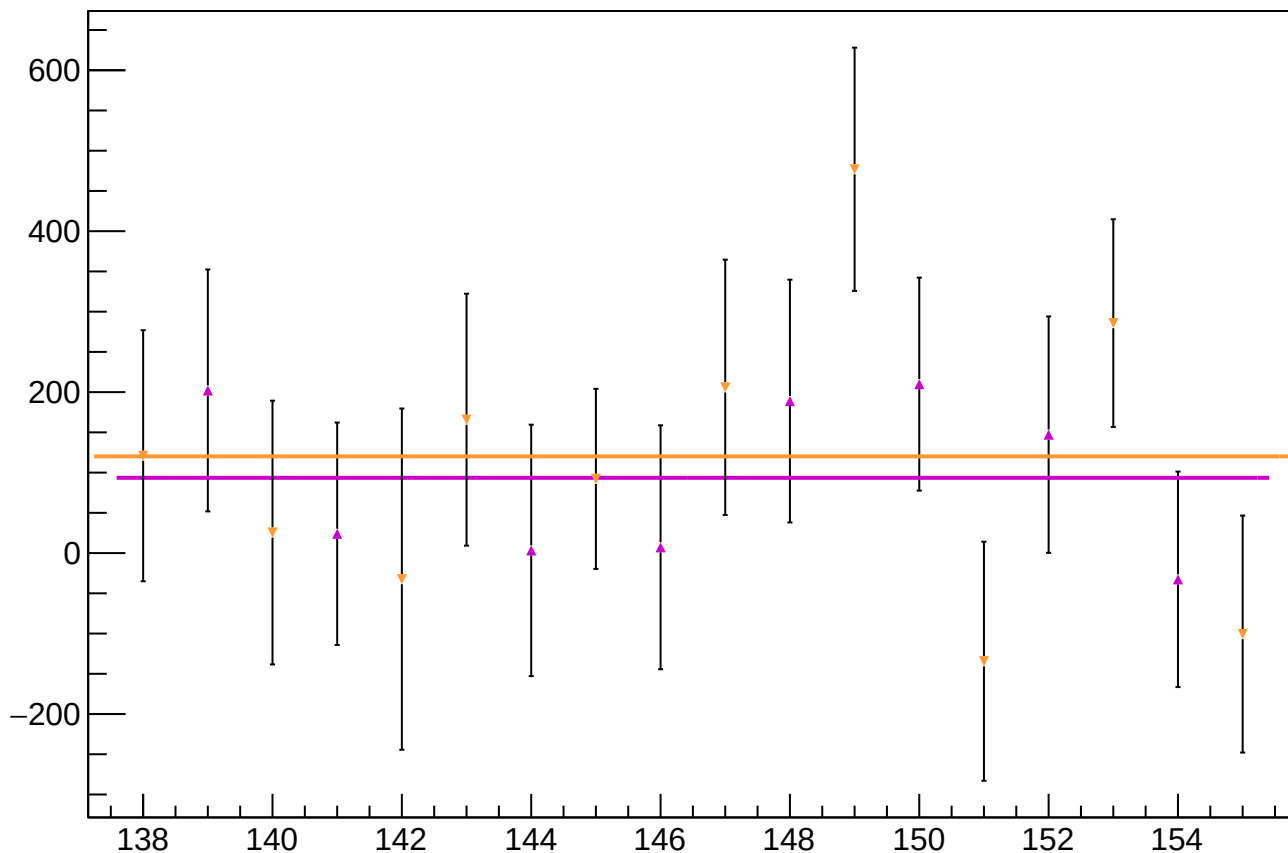
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 328.486+/-0.091 χ^2/NDF :81462.2/7

Out: 327.110+/-0.086 χ^2/NDF :157989.7/9

All: 327.761+/-0.062 χ^2/NDF : 239572.9/17

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 120.172+/-46.816 χ^2/NDF :13.7/9

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

Left In: 93.540+/-51.011 χ^2/NDF :3.6/7

Left: 107.996+/-34.492 χ^2/NDF : 17.5/17

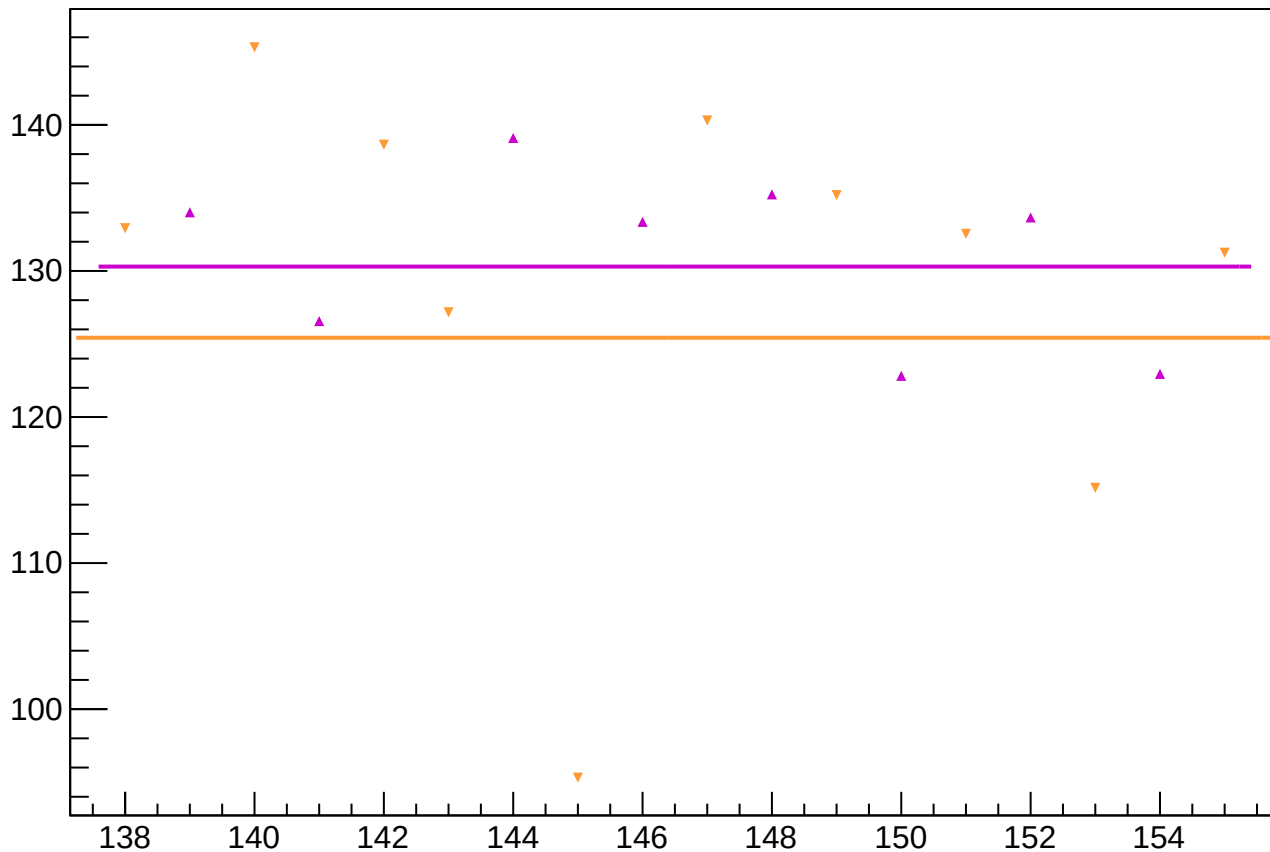
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.540+/-51.011 χ^2/NDF :3.6/7

Out: 120.172+/-46.816 χ^2/NDF :13.7/9

All: 107.996+/-34.492 χ^2/NDF : 17.5/17

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 125.428+/-0.033 χ^2/NDF :233275.2/9

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

Left In: 130.300+/-0.036 χ^2/NDF :25460.5/7

Left: 127.655+/-0.024 χ^2/NDF : 268635.8/17

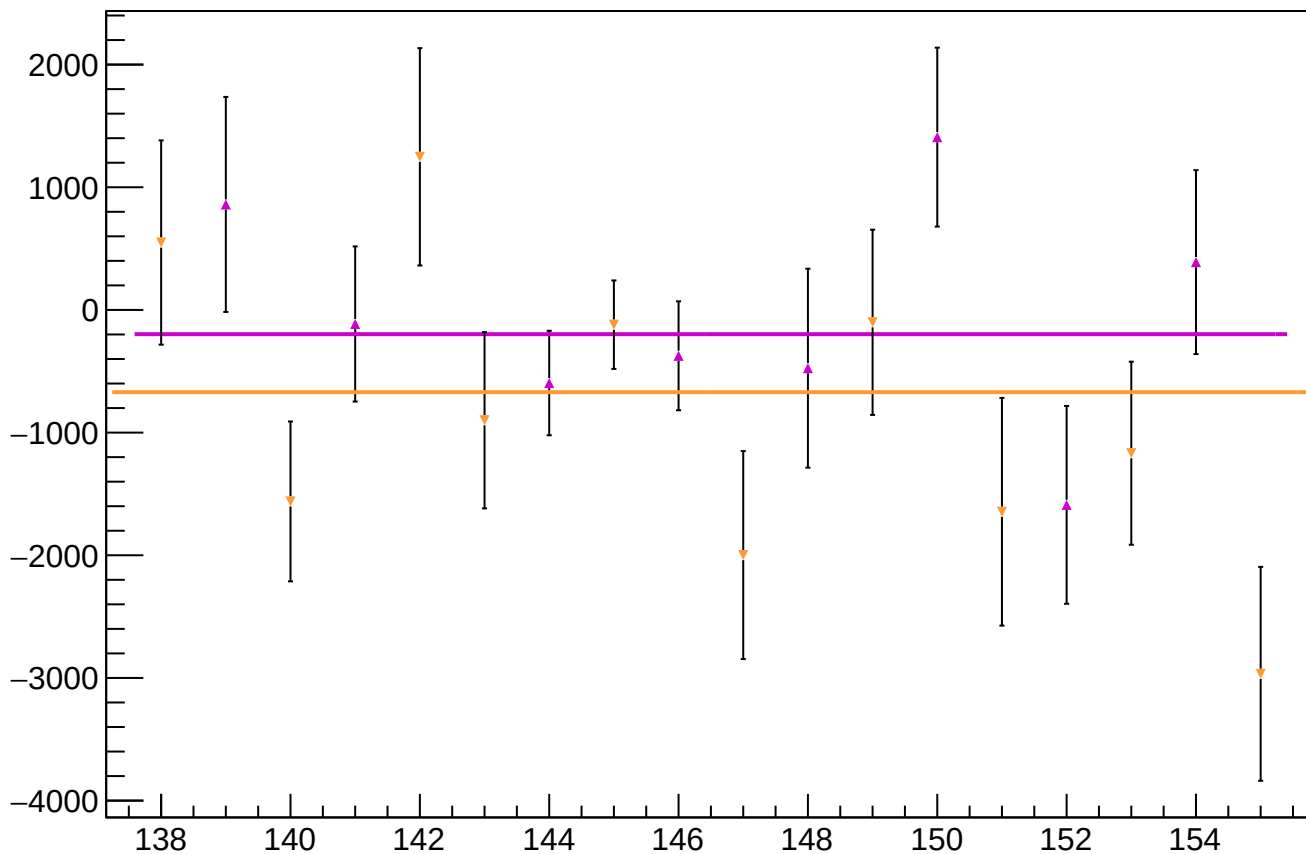
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.300+/-0.036 χ^2/NDF :25460.5/7

Out: 125.428+/-0.033 χ^2/NDF :233275.2/9

All: 127.655+/-0.024 χ^2/NDF : 268635.8/17

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -670.570+/-212.653 χ^2/NDF :22.6/9

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

Left In: -197.608+/-217.708 χ^2/NDF :11.1/7

Left: -439.644+/-152.124 χ^2/NDF : 36.1/17

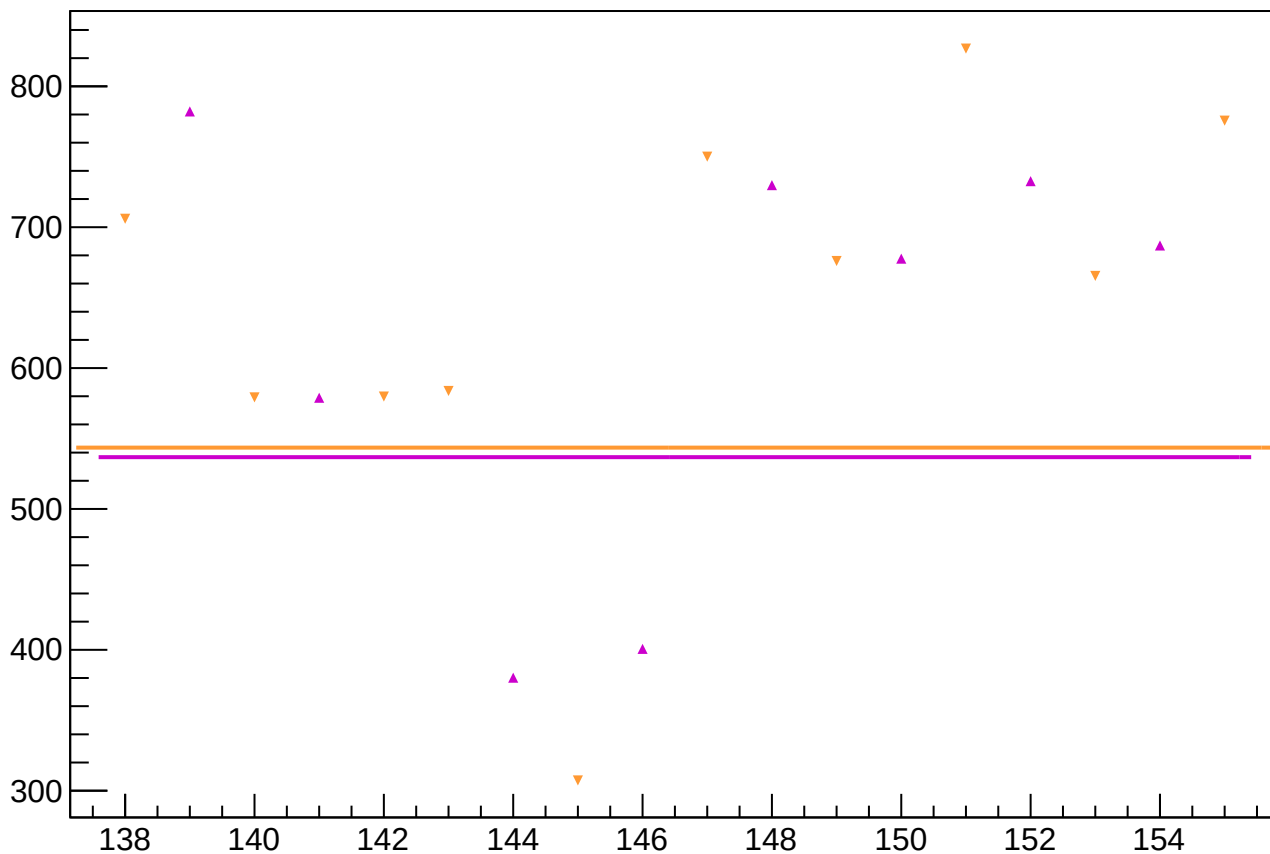
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -197.608+/-217.708 χ^2/NDF :11.1/7

Out: -670.570+/-212.653 χ^2/NDF :22.6/9

All: -439.644+/-152.124 χ^2/NDF : 36.1/17

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 543.538+/-0.150 χ^2/NDF :1511272.1/9

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

Left In: 536.765+/-0.154 χ^2/NDF :1009924.7/7

Left: 540.231+/-0.108 χ^2/NDF : 2522187.6/17

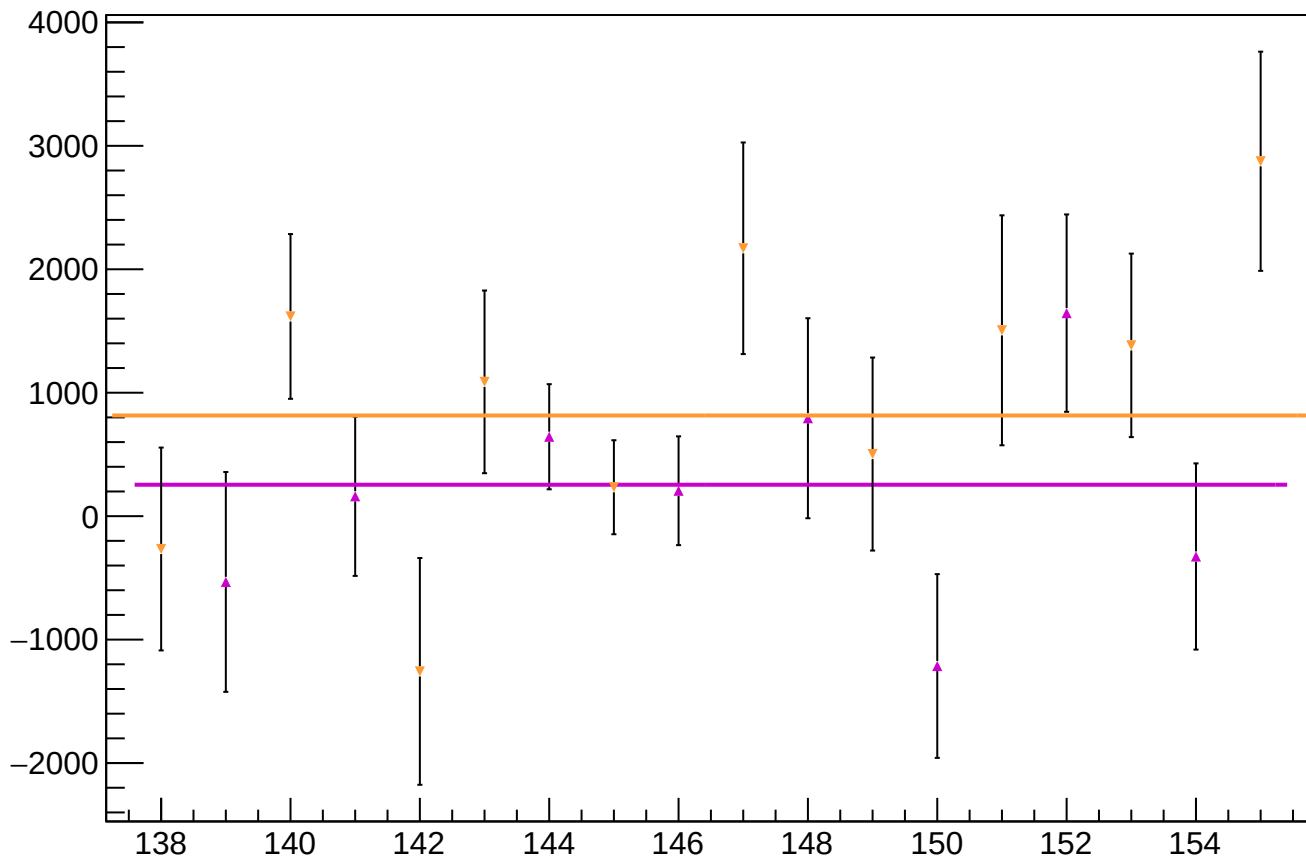
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 536.765+/-0.154 χ^2/NDF :1009924.7/7

Out: 543.538+/-0.150 χ^2/NDF :1511272.1/9

All: 540.231+/-0.108 χ^2/NDF : 2522187.6/17

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 815.651+/-218.933 χ^2/NDF :19.9/9

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

Left In: 254.624+/-218.310 χ^2/NDF :9.6/7

Left: 534.339+/-154.588 χ^2/NDF : 32.8/17

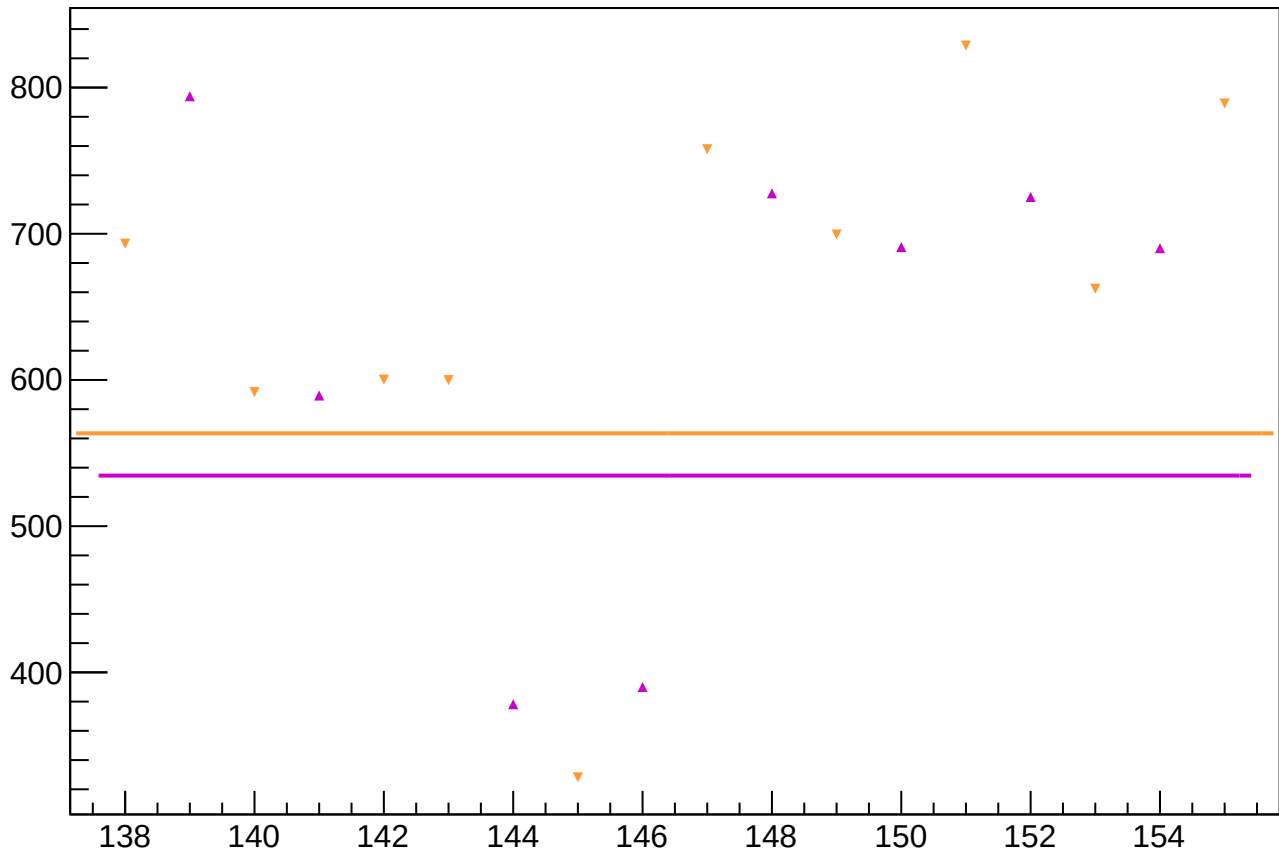
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 254.624+/-218.310 χ^2/NDF :9.6/7

Out: 815.651+/-218.933 χ^2/NDF :19.9/9

All: 534.339+/-154.588 χ^2/NDF : 32.8/17

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 563.510+/-0.155 χ^2/NDF :1315297.6/9

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

Left In: 534.582+/-0.154 χ^2/NDF :1070063.4/7

Left: 549.004+/-0.109 χ^2/NDF : 2402869.8/17

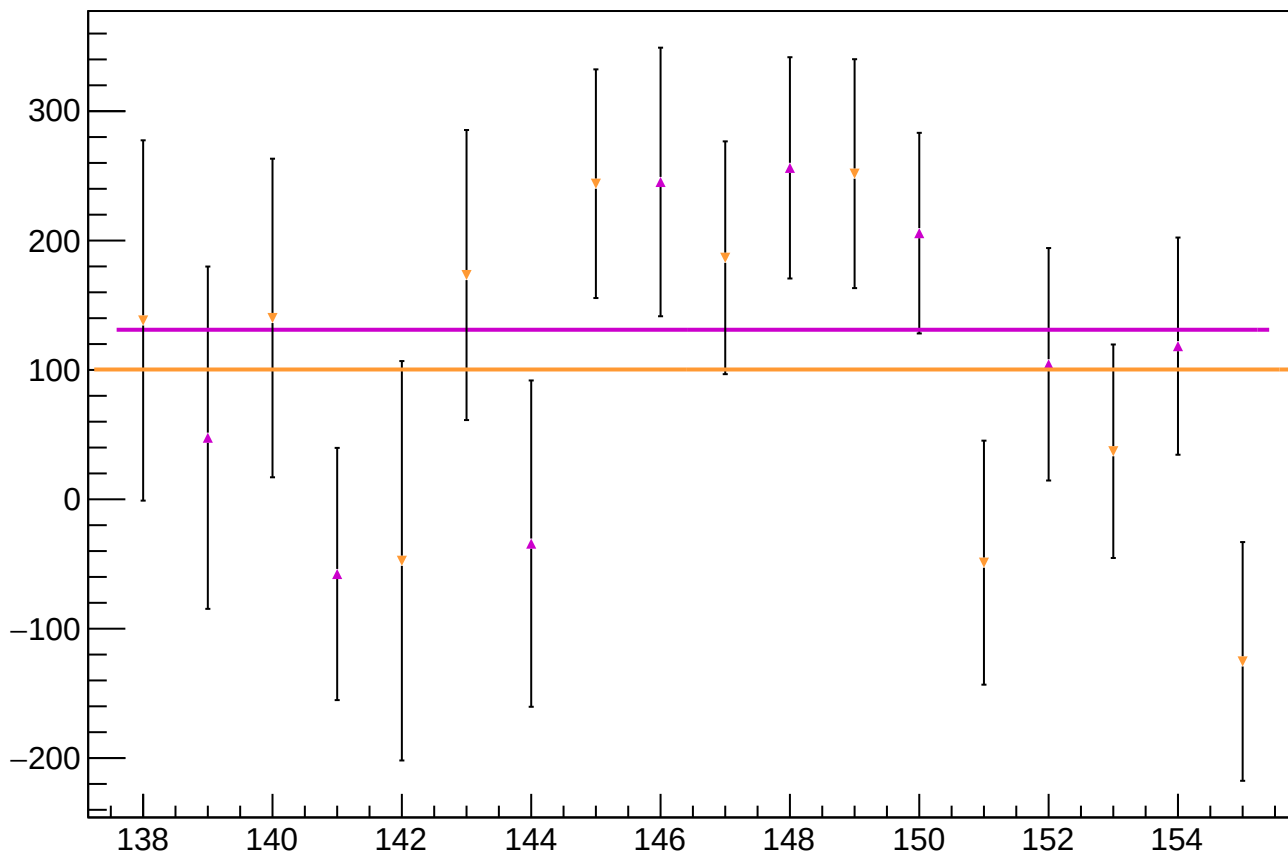
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 534.582+/-0.154 χ^2/NDF :1070063.4/7

Out: 563.510+/-0.155 χ^2/NDF :1315297.6/9

All: 549.004+/-0.109 χ^2/NDF : 2402869.8/17

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 100.343+/-31.698 χ^2/NDF :17.1/9

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

Left In: 131.058+/-33.576 χ^2/NDF :10.3/7

Left: 114.817+/-23.049 χ^2/NDF : 27.8/17

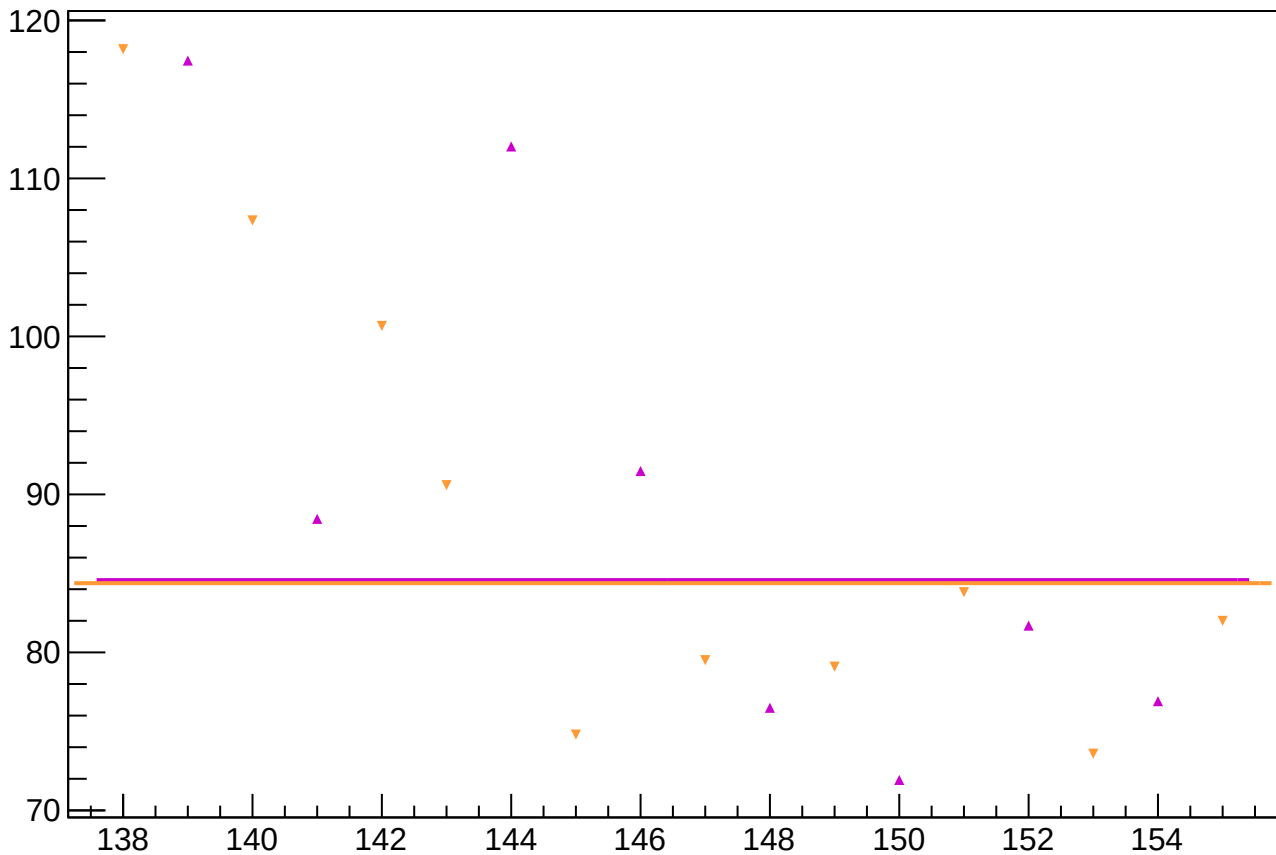
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 131.058+/-33.576 χ^2/NDF :10.3/7

Out: 100.343+/-31.698 χ^2/NDF :17.1/9

All: 114.817+/-23.049 χ^2/NDF : 27.8/17

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 84.382+/-0.022 χ^2/NDF :287888.0/9

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

Left In: 84.576+/-0.024 χ^2/NDF :320124.4/7

Left: 84.474+/-0.016 χ^2/NDF : 608047.9/17

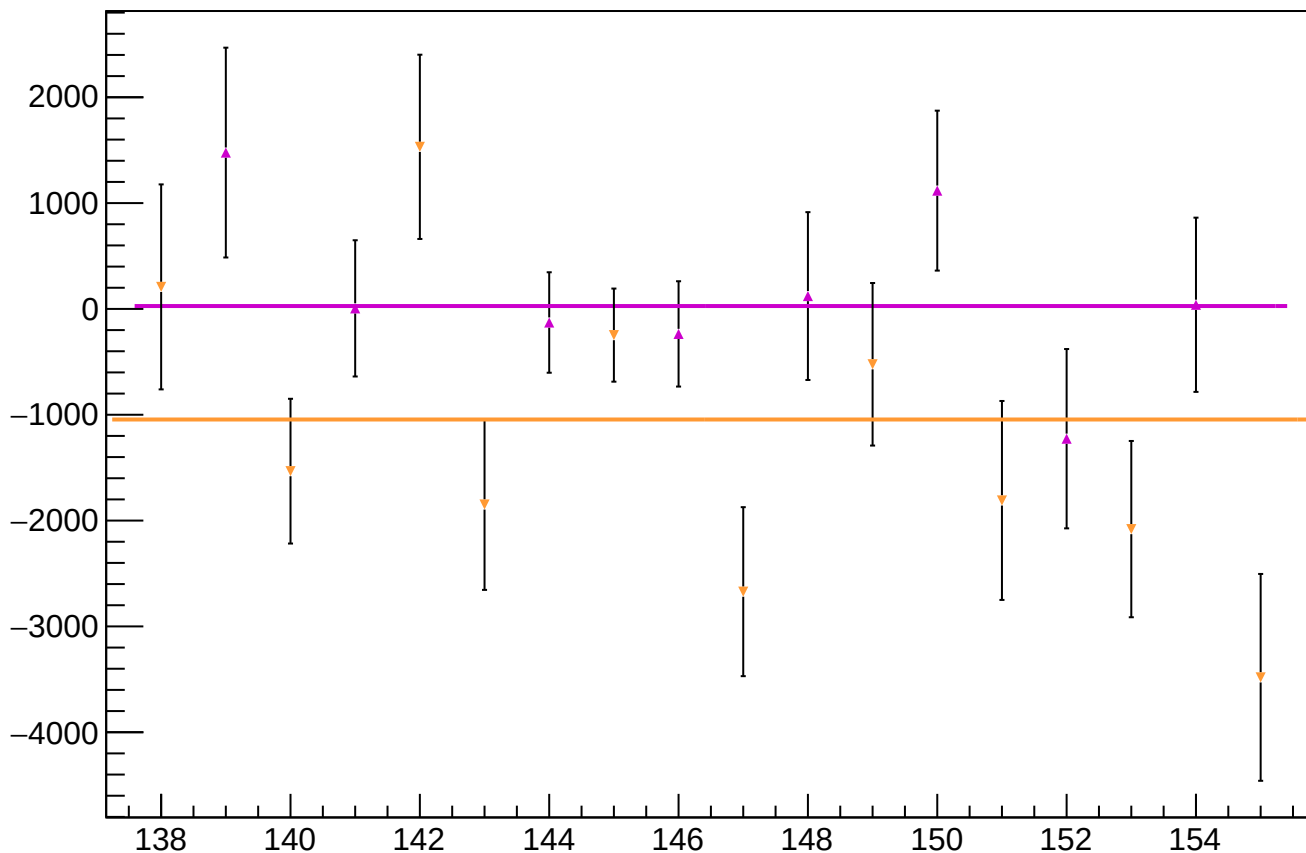
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.576+/-0.024 χ^2/NDF :320124.4/7

Out: 84.382+/-0.022 χ^2/NDF :287888.0/9

All: 84.474+/-0.016 χ^2/NDF : 608047.9/17

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1044.888+/-234.980 χ^2/NDF :28.3/9

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

Left In: 27.248+/-234.937 χ^2/NDF :6.8/7

Left: -508.722+/-166.141 χ^2/NDF : 45.5/17

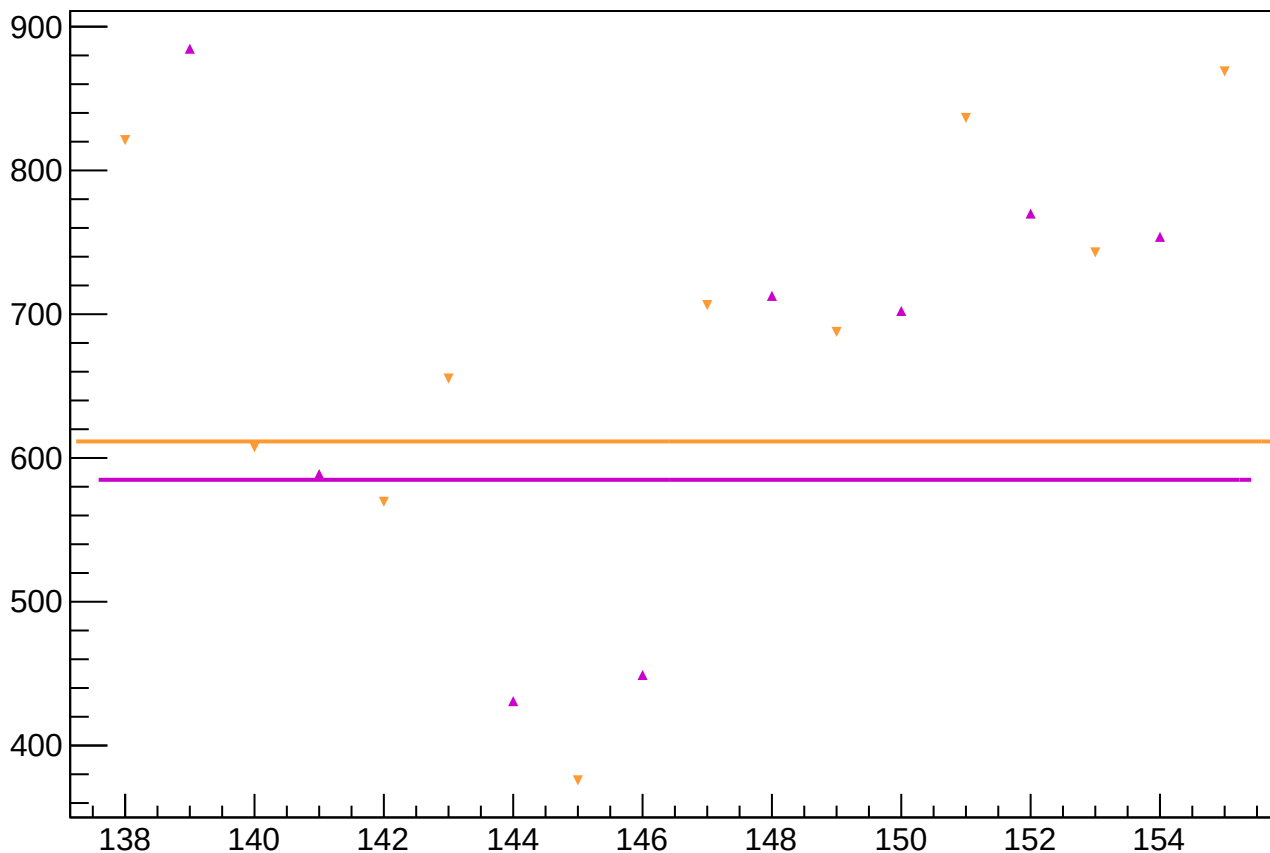
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.248+/-234.937 χ^2/NDF :6.8/7

Out: -1044.888+/-234.980 χ^2/NDF :28.3/9

All: -508.722+/-166.141 χ^2/NDF : 45.5/17

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 611.503+/-0.166 χ^2/NDF :1029537.6/9

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

Left In: 584.821+/-0.166 χ^2/NDF :822484.2/7

Left: 598.159+/-0.117 χ^2/NDF : 1864917.6/17

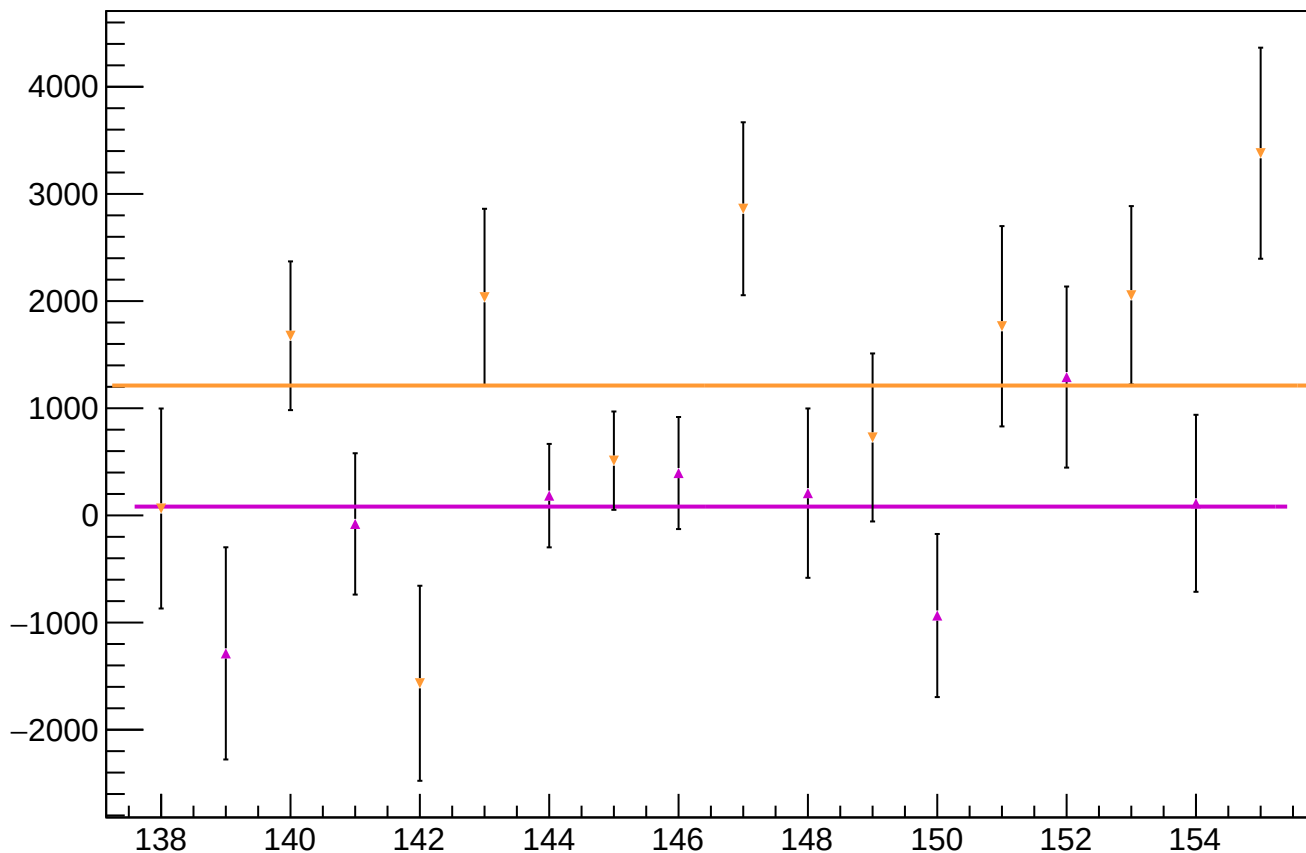
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 584.821+/-0.166 χ^2/NDF :822484.2/7

Out: 611.503+/-0.166 χ^2/NDF :1029537.6/9

All: 598.159+/-0.117 χ^2/NDF : 1864917.6/17

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 1212.029+/-239.520 χ^2/NDF :25.4/9

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

Left In: 82.211+/-239.300 χ^2/NDF :6.2/7

Left: 646.602+/-169.288 χ^2/NDF : 42.8/17

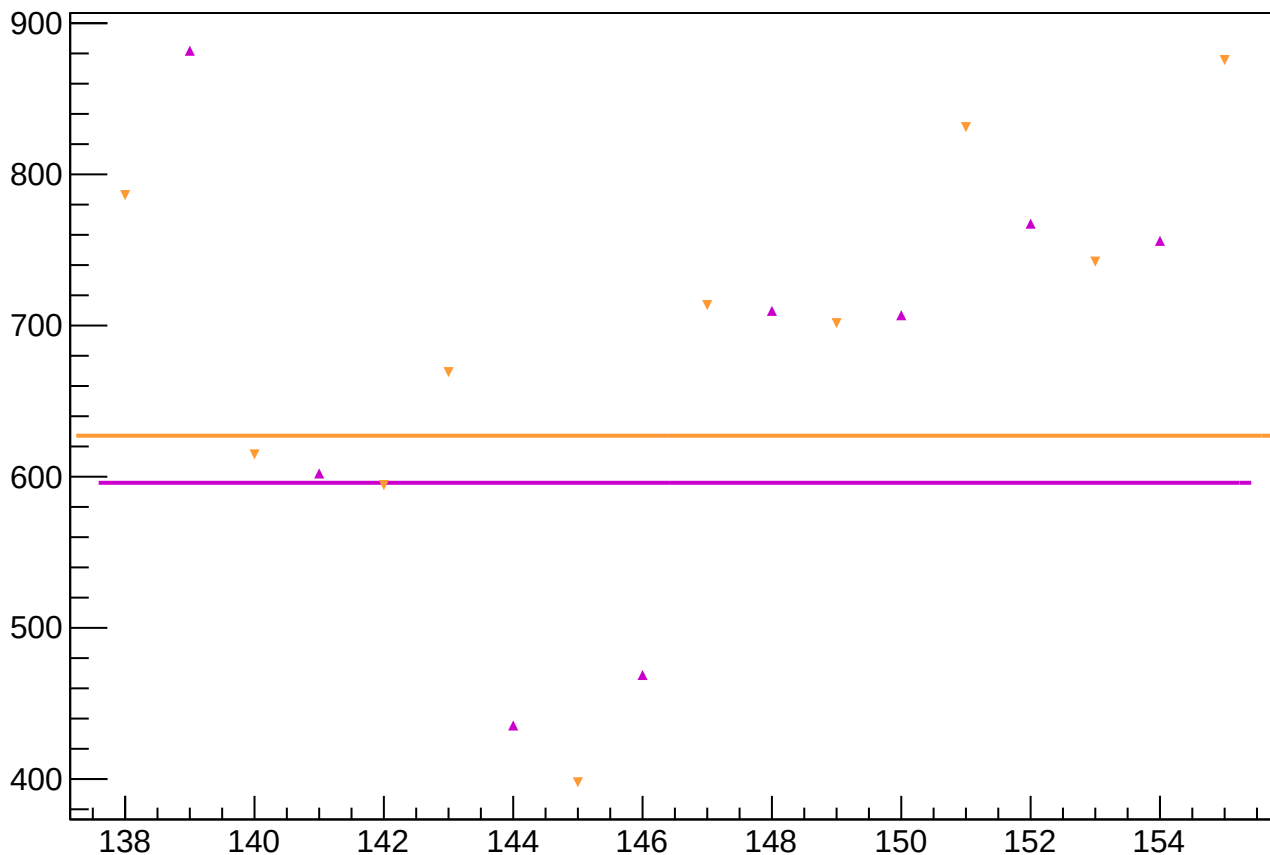
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.211+/-239.300 χ^2/NDF :6.2/7

Out: 1212.029+/-239.520 χ^2/NDF :25.4/9

All: 646.602+/-169.288 χ^2/NDF : 42.8/17

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 627.133+/-0.169 χ^2/NDF :867867.4/9

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

Left In: 595.975+/-0.169 χ^2/NDF :747609.5/7

Left: 611.540+/-0.120 χ^2/NDF : 1632414.9/17

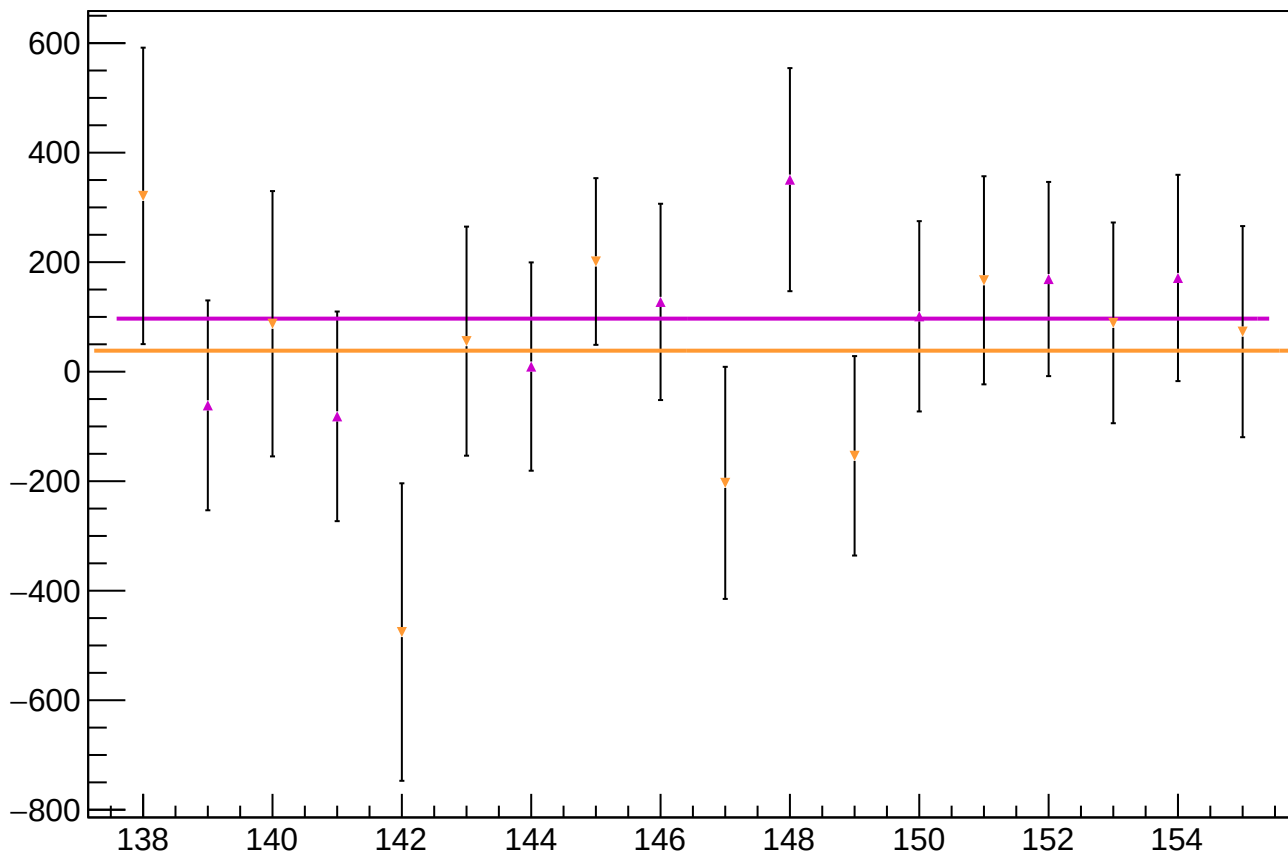
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 595.975+/-0.169 χ^2/NDF :747609.5/7

Out: 627.133+/-0.169 χ^2/NDF :867867.4/9

All: 611.540+/-0.120 χ^2/NDF : 1632414.9/17

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 38.361 $\pm$ 63.624 χ^2 /NDF:8.8/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 96.883 $\pm$ 65.867 χ^2 /NDF:3.7/7

Left: 66.608 $\pm$ 45.761 χ^2 /NDF: 12.9/17

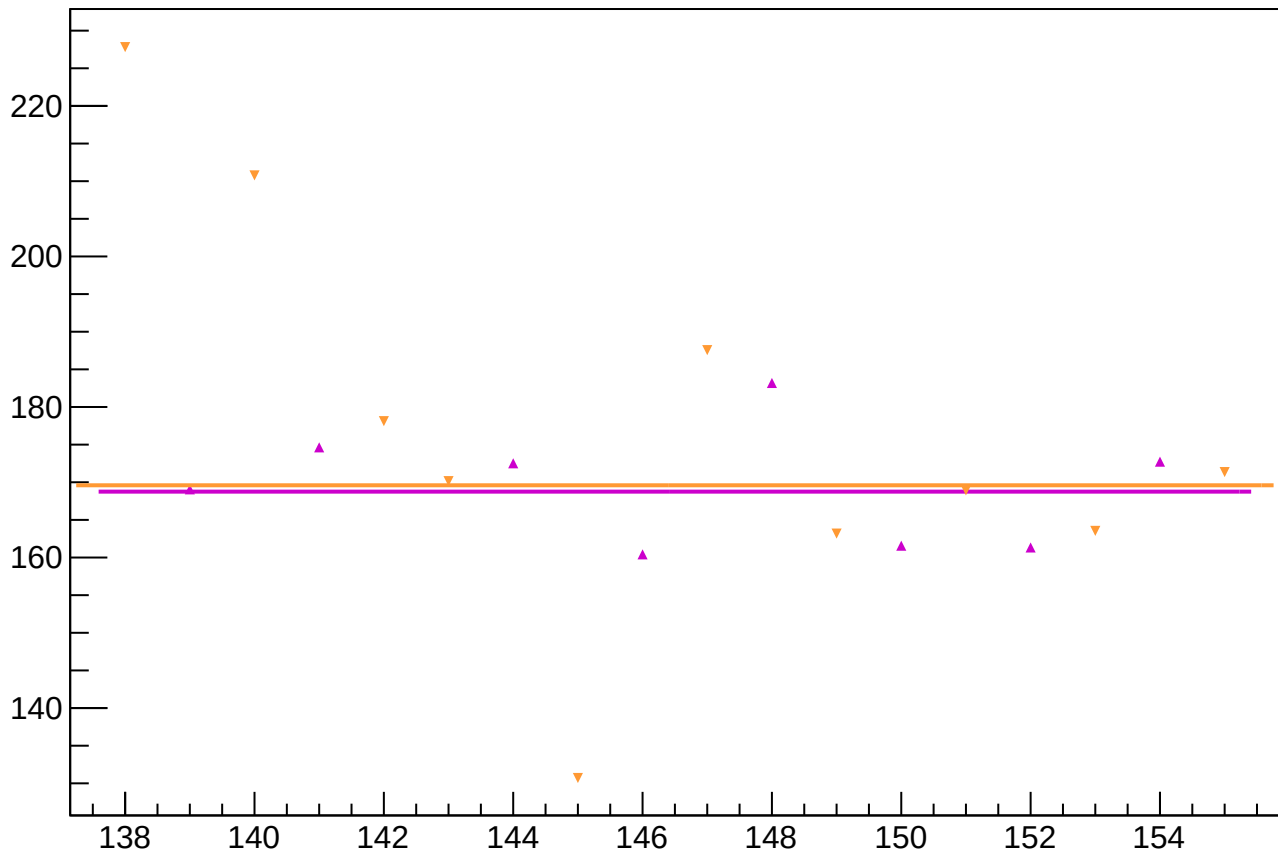
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 96.883 $\pm$ 65.867 χ^2 /NDF:3.7/7

Out: 38.361 $\pm$ 63.624 χ^2 /NDF:8.8/9

All: 66.608 $\pm$ 45.761 χ^2 /NDF: 12.9/17

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 169.598+/-0.045 χ^2/NDF :301995.7/9

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

Left In: 168.755+/-0.047 χ^2/NDF :24856.1/7

Left: 169.191+/-0.032 χ^2/NDF : 327021.5/17

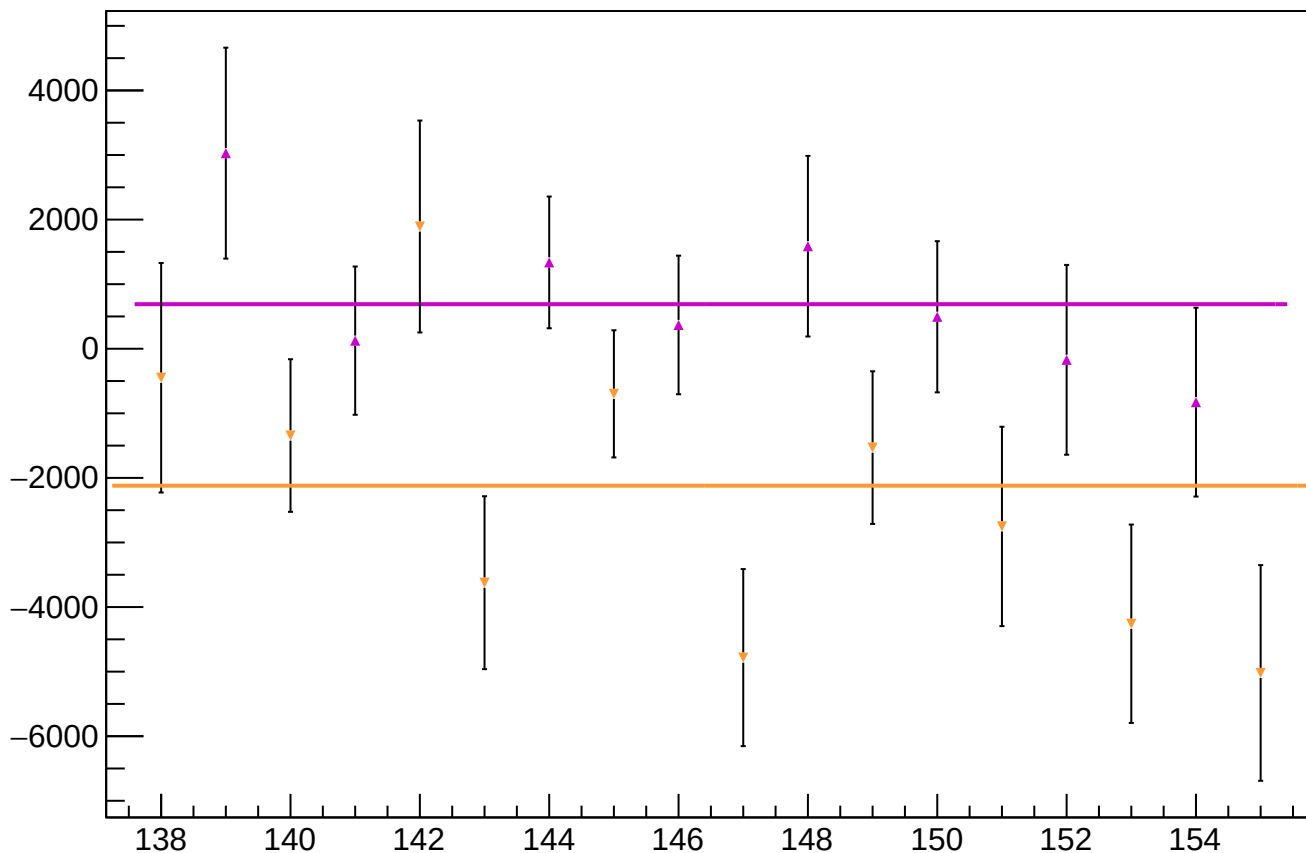
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 168.755+/-0.047 χ^2/NDF :24856.1/7

Out: 169.598+/-0.045 χ^2/NDF :301995.7/9

All: 169.191+/-0.032 χ^2/NDF : 327021.5/17

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -2120.707+/-428.601 χ^2/NDF :19.8/9

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

Left In: 689.817+/-441.276 χ^2/NDF :4.6/7

Left: -756.389+/-307.450 χ^2/NDF : 45.3/17

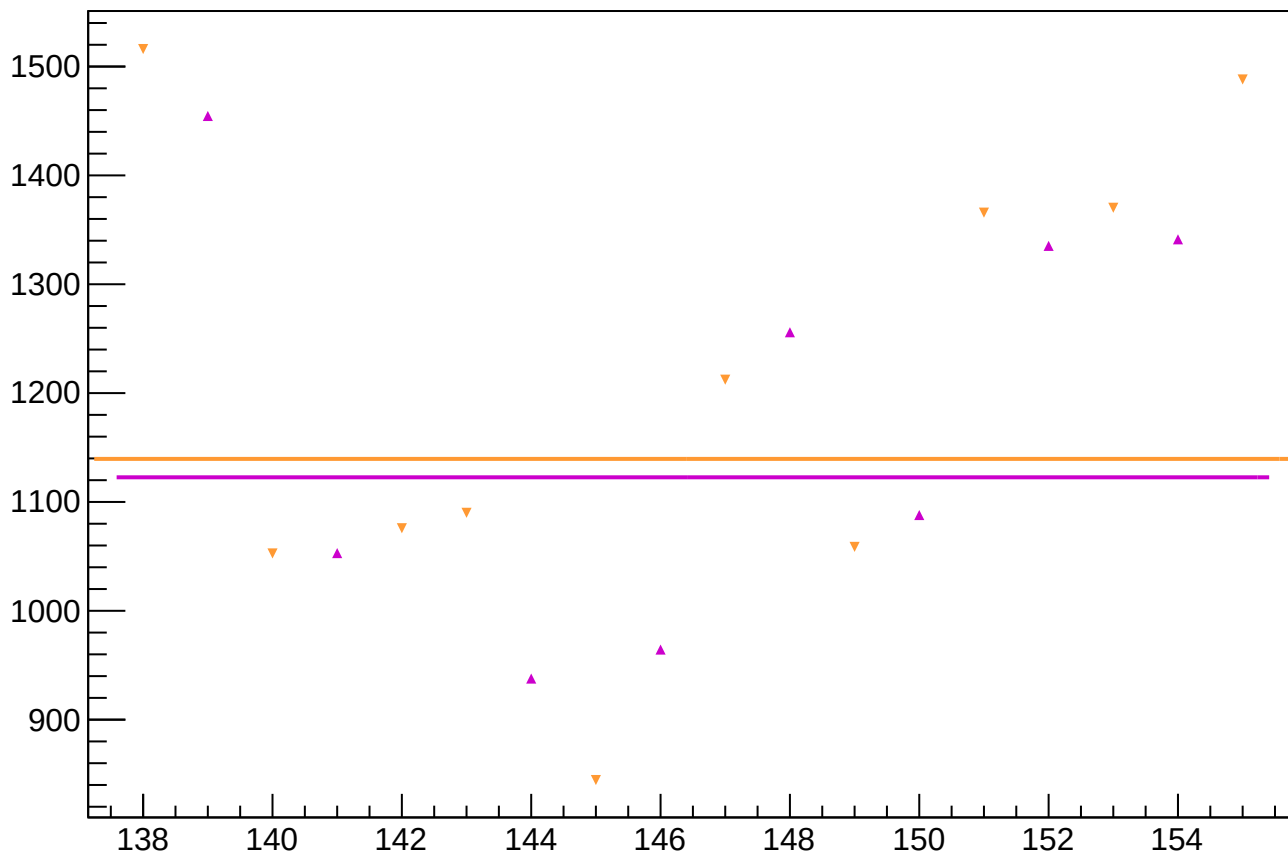
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 689.817+/-441.276 χ^2/NDF :4.6/7

Out: -2120.707+/-428.601 χ^2/NDF :19.8/9

All: -756.389+/-307.450 χ^2/NDF : 45.3/17

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1139.558+/-0.303 χ^2/NDF :476084.8/9

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

Left In: 1122.639+/-0.312 χ^2/NDF :305648.9/7

Left: 1131.345+/-0.217 χ^2/NDF : 783246.7/17

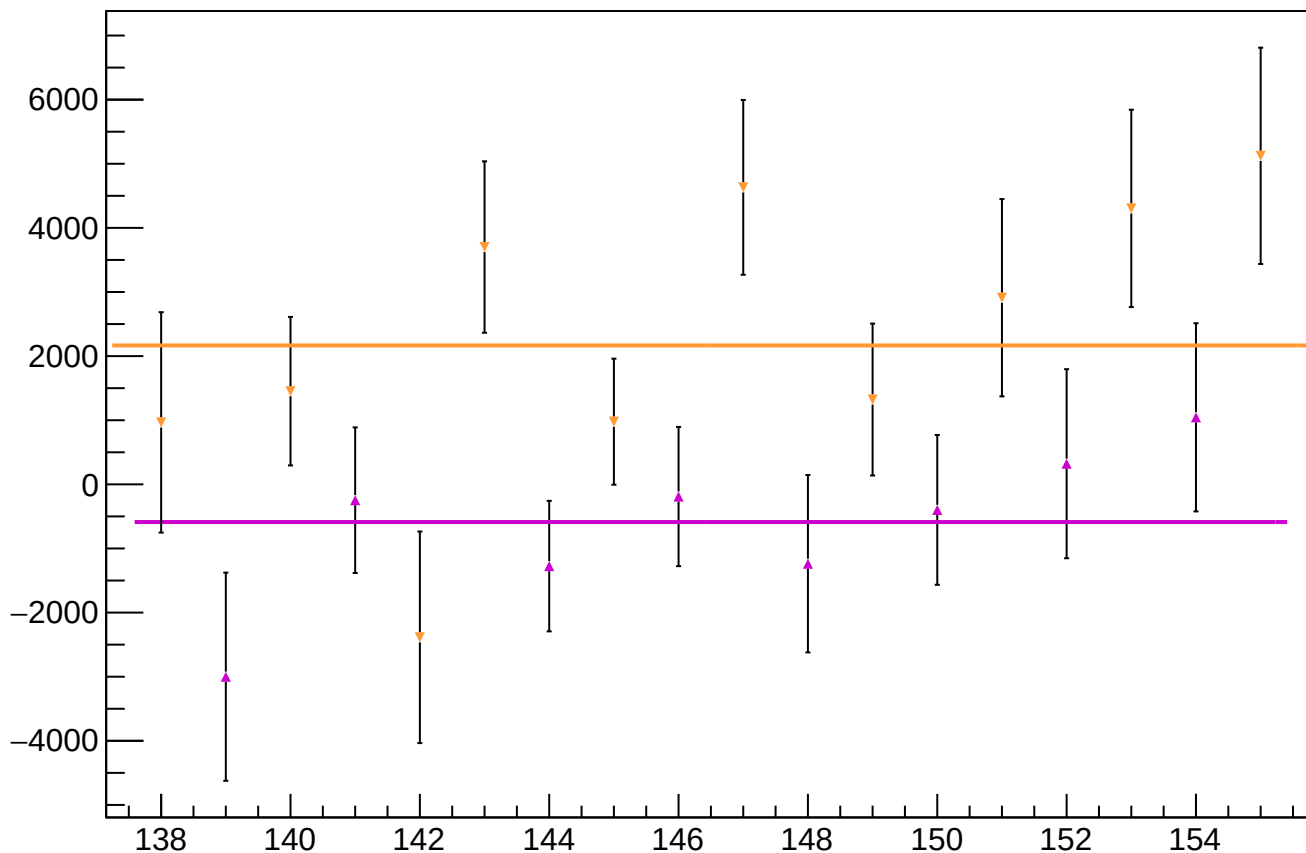
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1122.639+/-0.312 χ^2/NDF :305648.9/7

Out: 1139.558+/-0.303 χ^2/NDF :476084.8/9

All: 1131.345+/-0.217 χ^2/NDF : 783246.7/17

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 2166.406+/-426.645 χ^2/NDF :20.3/9

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

Left In: -587.964+/-440.753 χ^2/NDF :4.8/7

Left: 834.007+/-306.550 χ^2/NDF : 45.2/17

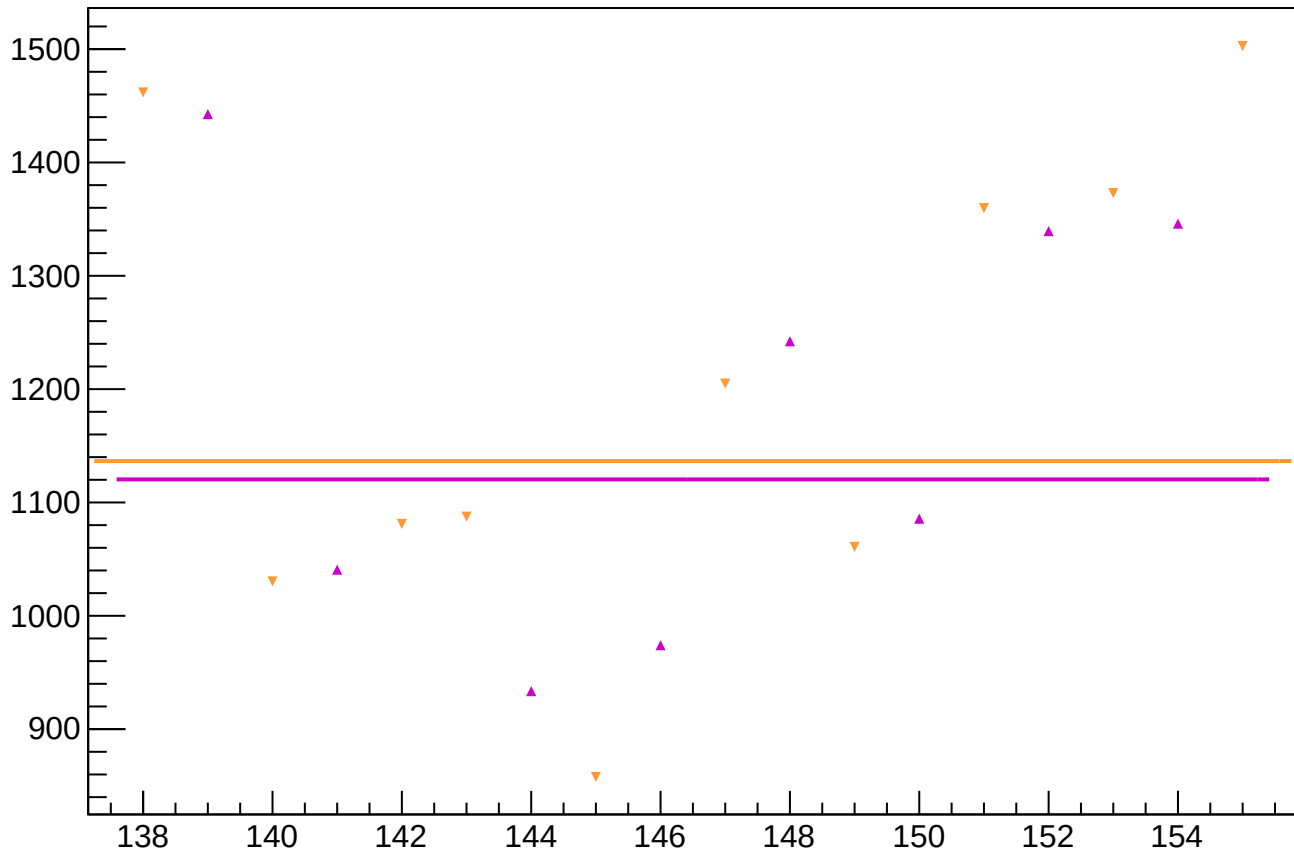
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -587.964+/-440.753 χ^2/NDF :4.8/7

Out: 2166.406+/-426.645 χ^2/NDF :20.3/9

All: 834.007+/-306.550 χ^2/NDF : 45.2/17

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1136.540+/-0.302 χ^2/NDF :451052.8/9

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

Left In: 1120.357+/-0.312 χ^2/NDF :301106.3/7

Left: 1128.712+/-0.217 χ^2/NDF : 753551.1/17

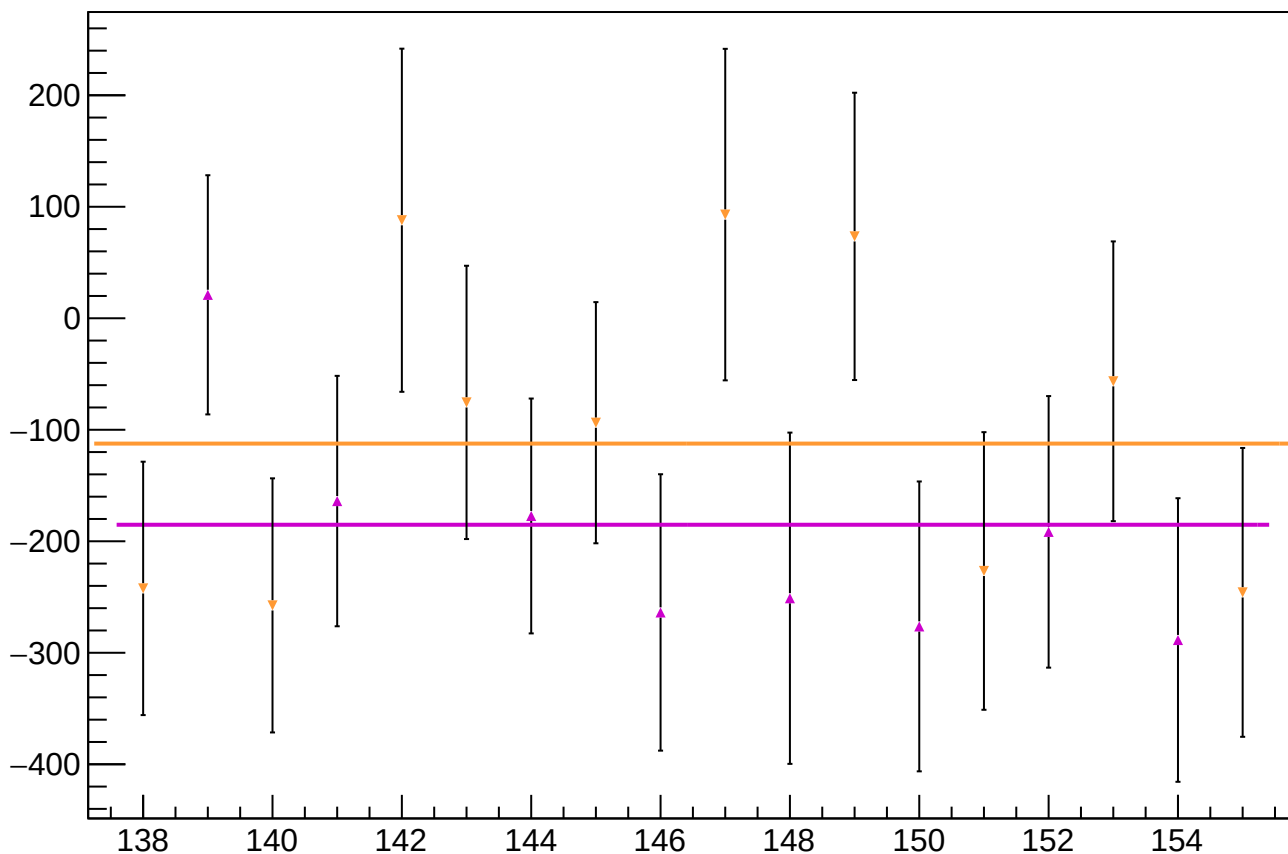
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1120.357+/-0.312 χ^2/NDF :301106.3/7

Out: 1136.540+/-0.302 χ^2/NDF :451052.8/9

All: 1128.712+/-0.217 χ^2/NDF : 753551.1/17

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -112.394+/-39.468 χ^2/NDF :10.8/9

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

Left In: -185.188+/-42.438 χ^2/NDF :5.5/7

Left: -146.155+/-28.901 χ^2/NDF : 17.9/17

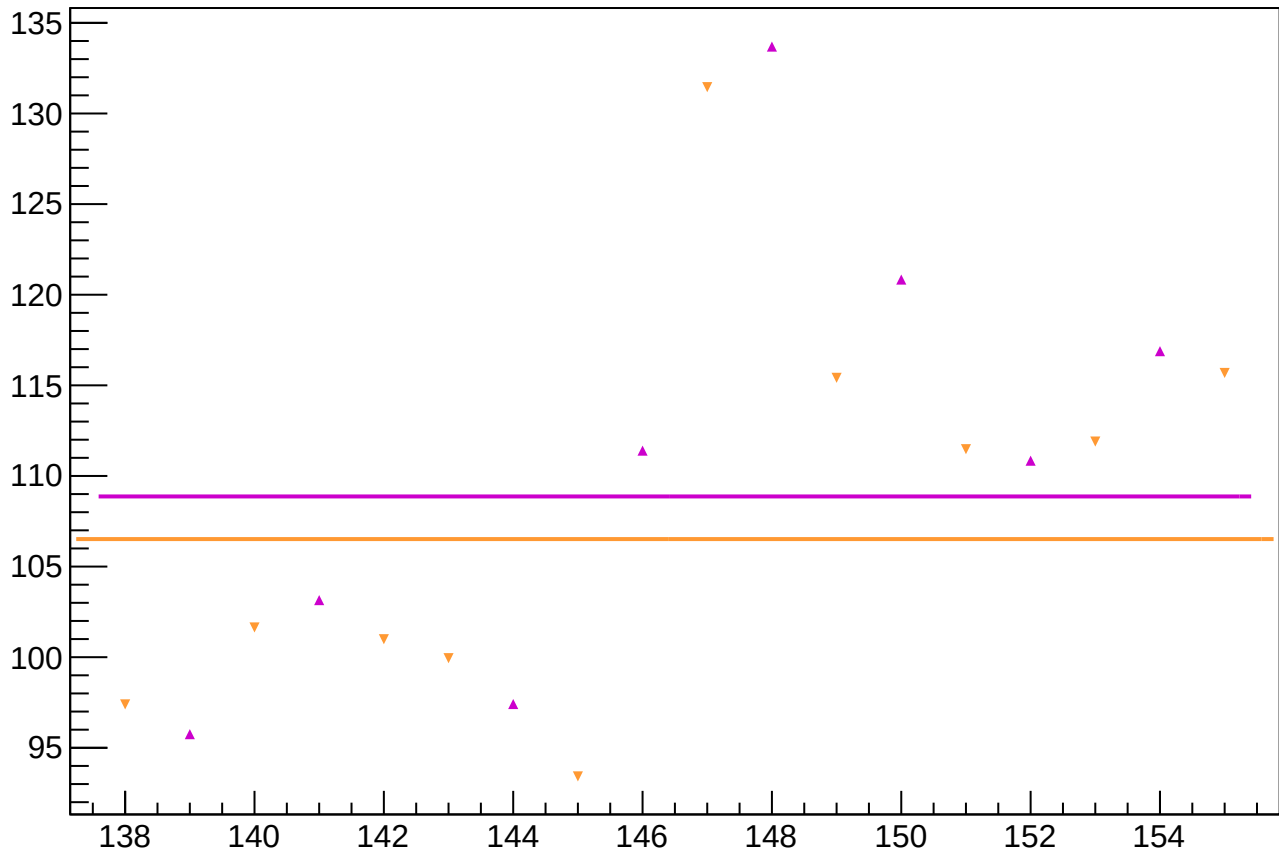
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -185.188+/-42.438 χ^2/NDF :5.5/7

Out: -112.394+/-39.468 χ^2/NDF :10.8/9

All: -146.155+/-28.901 χ^2/NDF : 17.9/17

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 106.517+/-0.028 χ^2/NDF :136881.1/9

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

Left In: 108.870+/-0.030 χ^2/NDF :140853.9/7

Left: 107.608+/-0.020 χ^2/NDF : 281030.7/17

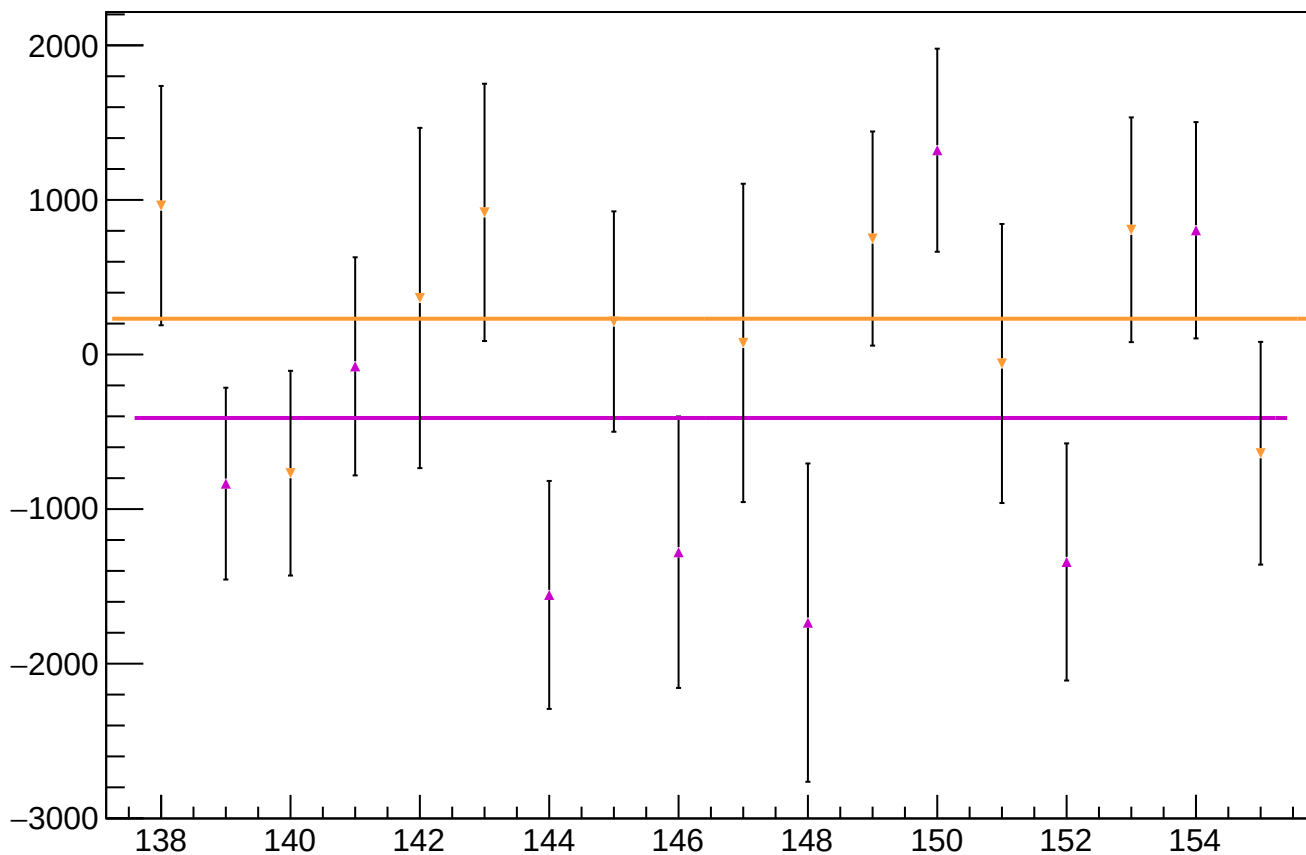
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 108.870+/-0.030 χ^2/NDF :140853.9/7

Out: 106.517+/-0.028 χ^2/NDF :136881.1/9

All: 107.608+/-0.020 χ^2/NDF : 281030.7/17

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 231.483+/-247.990 χ^2/NDF :6.6/9

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

Left In: -410.670+/-260.408 χ^2/NDF :17.2/7

Left: -73.917+/-179.585 χ^2/NDF : 27.0/17

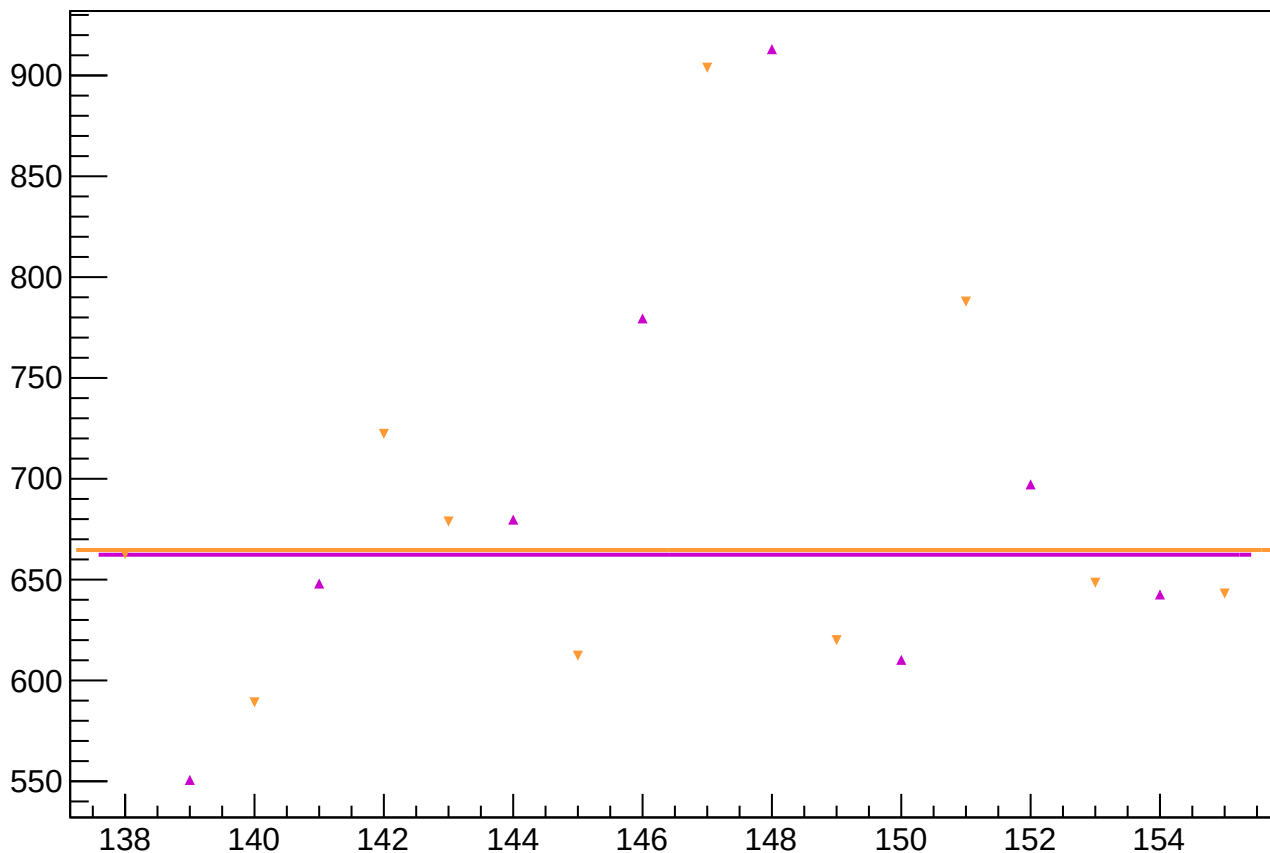
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -410.670+/-260.408 χ^2/NDF :17.2/7

Out: 231.483+/-247.990 χ^2/NDF :6.6/9

All: -73.917+/-179.585 χ^2/NDF : 27.0/17

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 664.699+/-0.175 χ^2/NDF :199173.5/9

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

Left In: 662.345+/-0.184 χ^2/NDF :239237.9/7

Left: 663.580+/-0.127 χ^2/NDF : 438497.1/17

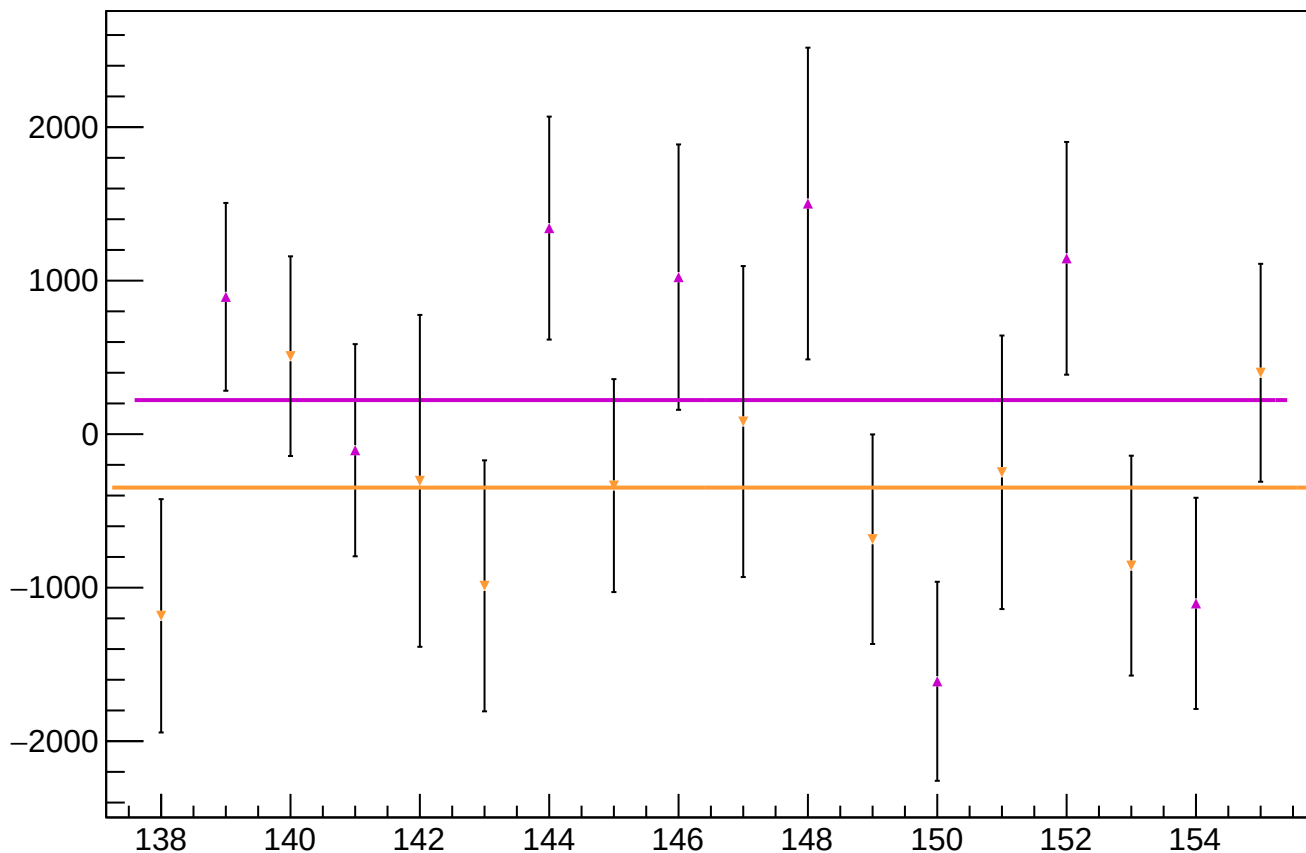
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 662.345+/-0.184 χ^2/NDF :239237.9/7

Out: 664.699+/-0.175 χ^2/NDF :199173.5/9

All: 663.580+/-0.127 χ^2/NDF : 438497.1/17

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -348.098+/-243.681 χ^2/NDF : 5.6/9

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

Left In: 221.901+/-256.468 χ^2/NDF : 19.4/7

Left: -77.661+/-176.656 χ^2/NDF : 27.6/17

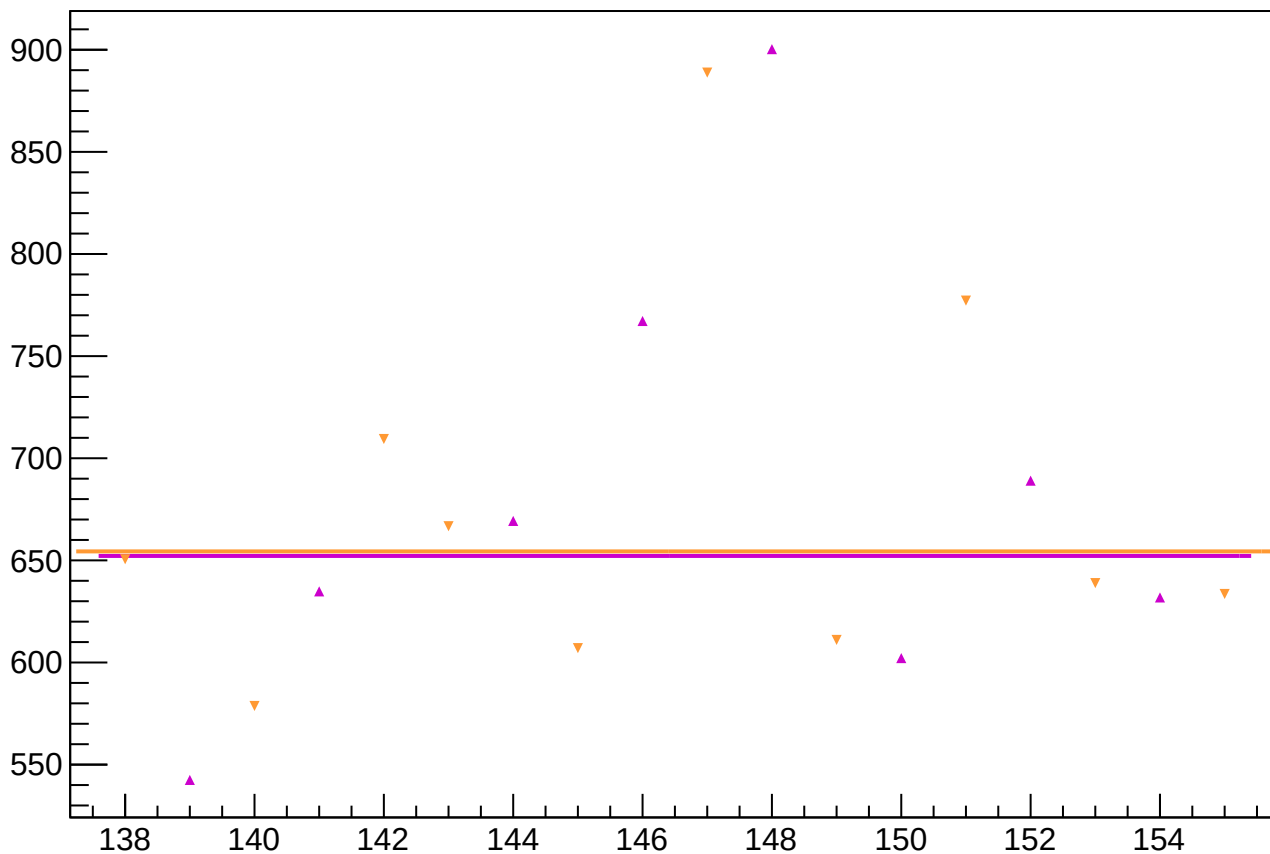
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 221.901+/-256.468 χ^2/NDF : 19.4/7

Out: -348.098+/-243.681 χ^2/NDF : 5.6/9

All: -77.661+/-176.656 χ^2/NDF : 27.6/17

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 654.397+/-0.172 χ^2/NDF :197923.6/9

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

Left In: 652.174+/-0.181 χ^2/NDF :239887.5/7

Left: 653.342+/-0.125 χ^2/NDF : 437890.1/17

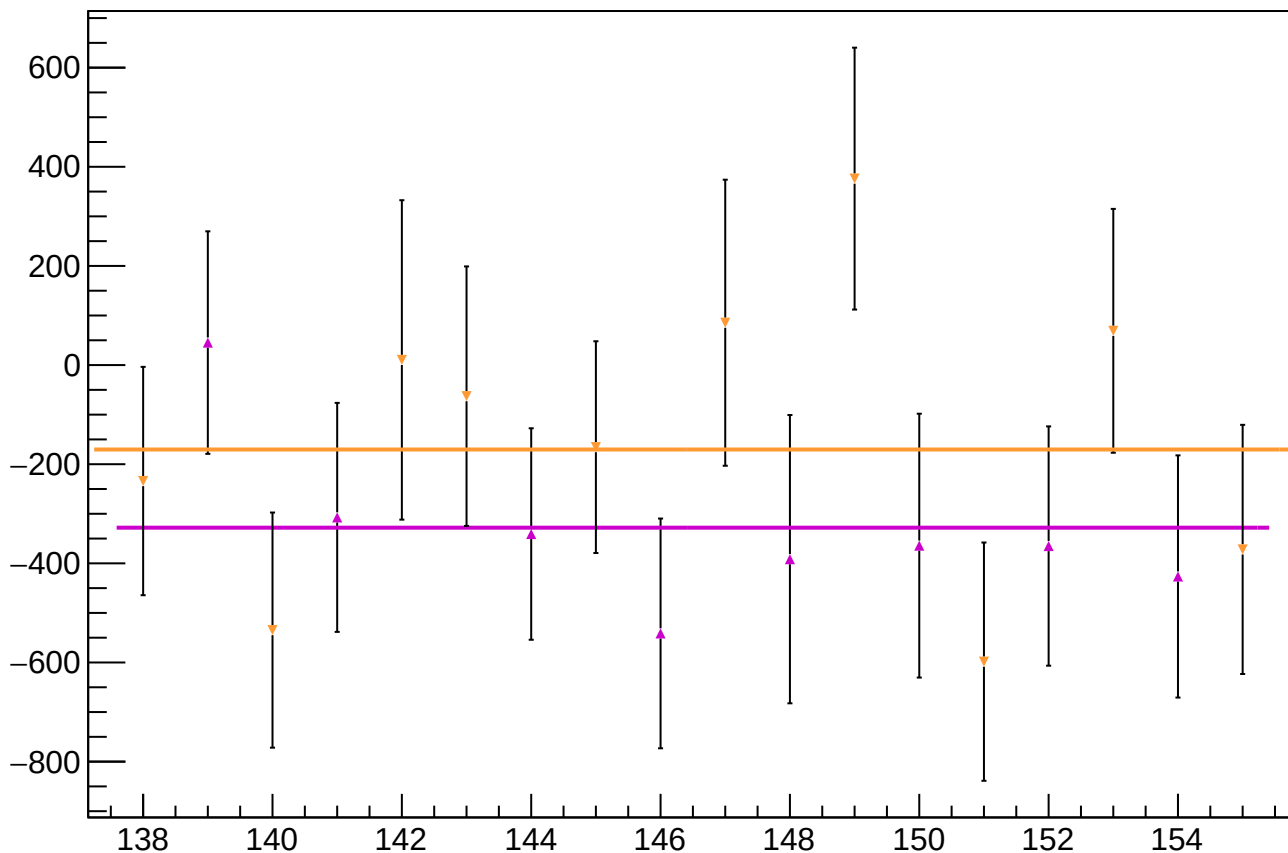
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 652.174+/-0.181 χ^2/NDF :239887.5/7

Out: 654.397+/-0.172 χ^2/NDF :197923.6/9

All: 653.342+/-0.125 χ^2/NDF : 437890.1/17

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -170.339+/-79.357 χ^2/NDF :12.7/9

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

Left In: -328.053+/-84.805 χ^2/NDF :3.9/7

Left: -243.968+/-57.944 χ^2/NDF : 18.5/17

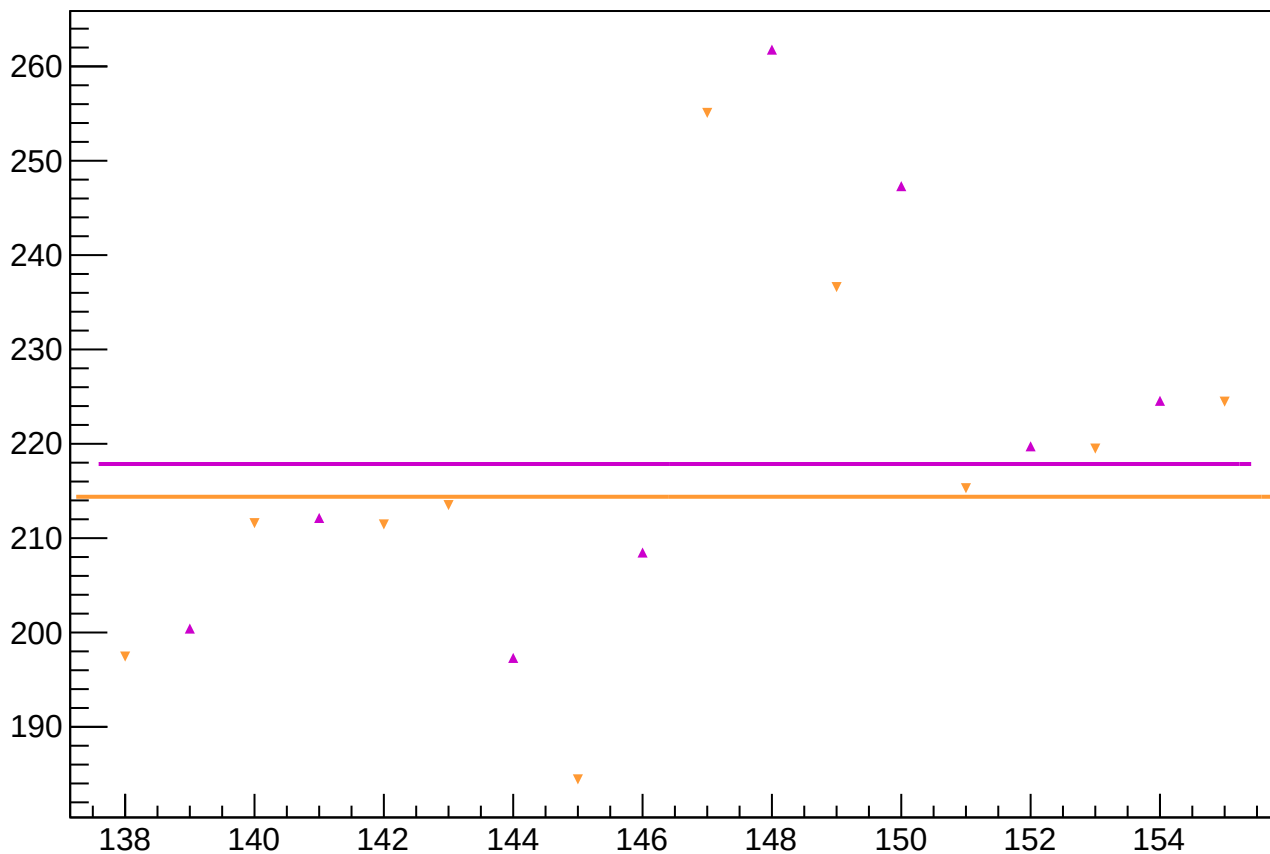
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -328.053+/-84.805 χ^2/NDF :3.9/7

Out: -170.339+/-79.357 χ^2/NDF :12.7/9

All: -243.968+/-57.944 χ^2/NDF : 18.5/17

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 214.387+/-0.056 χ^2/NDF :108638.3/9

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

Left In: 217.860+/-0.060 χ^2/NDF :106876.3/7

Left: 216.008+/-0.041 χ^2/NDF : 217302.1/17

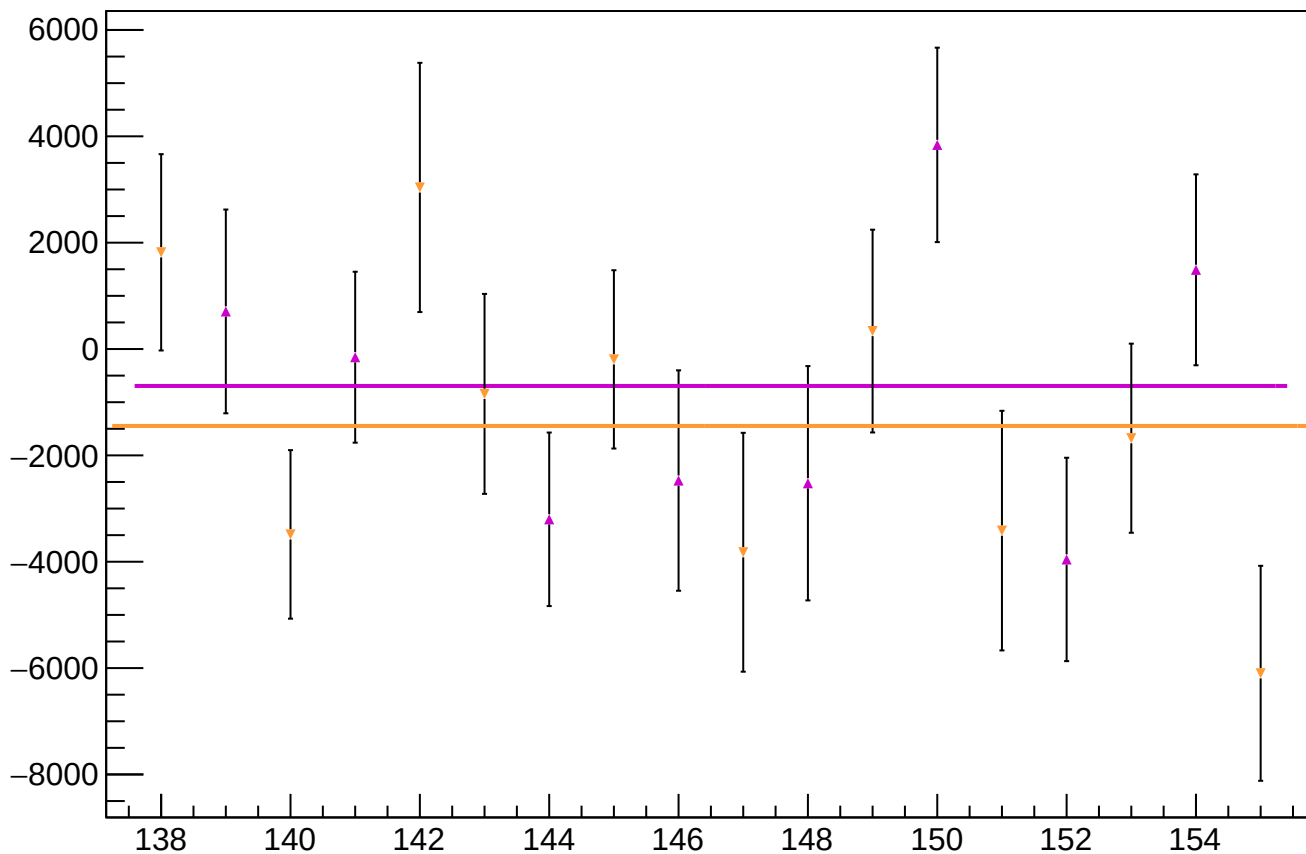
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 217.860+/-0.060 χ^2/NDF :106876.3/7

Out: 214.387+/-0.056 χ^2/NDF :108638.3/9

All: 216.008+/-0.041 χ^2/NDF : 217302.1/17

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1446.590+/-603.702 χ^2/NDF :17.2/9

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

Left In: -694.454+/-651.369 χ^2/NDF :15.0/7

Left: -1099.046+/-442.775 χ^2/NDF : 32.9/17

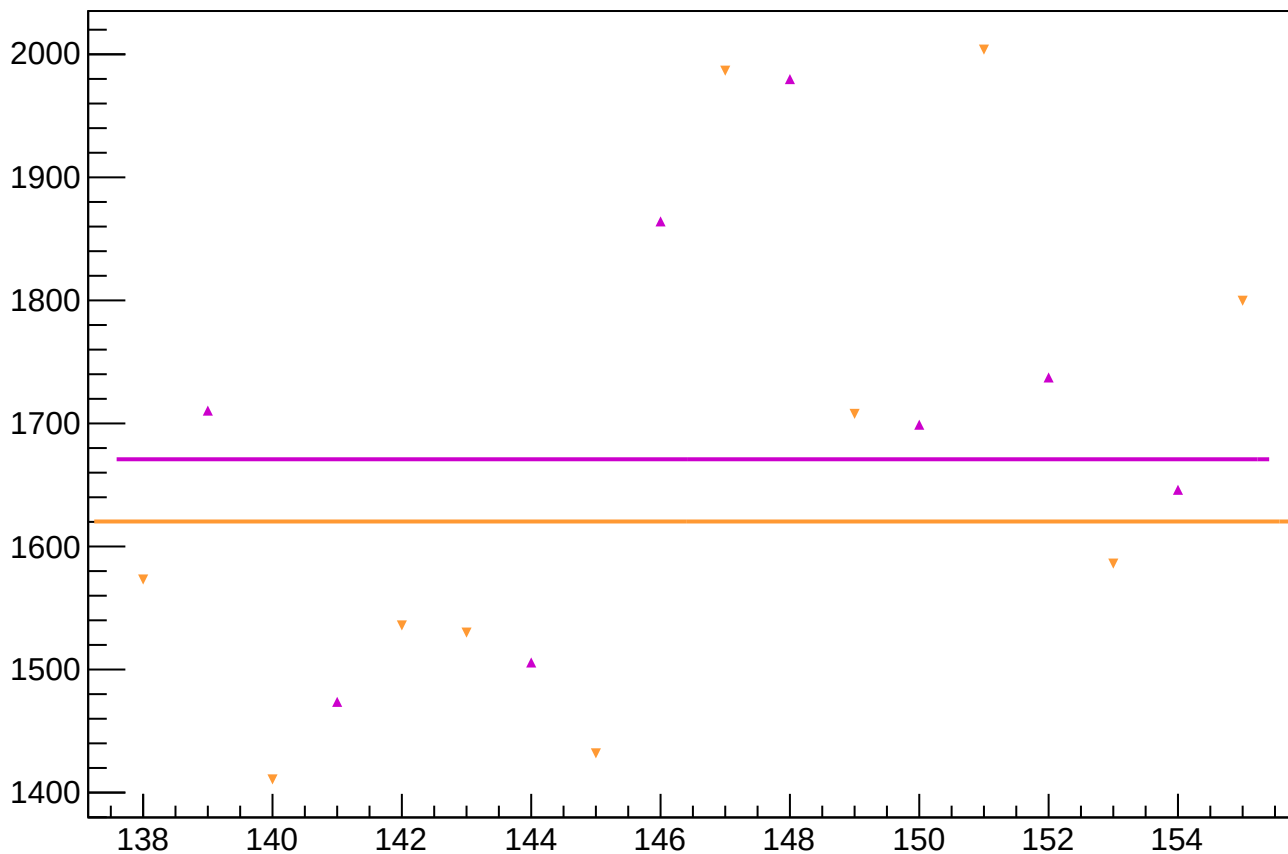
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -694.454+/-651.369 χ^2/NDF :15.0/7

Out: -1446.590+/-603.702 χ^2/NDF :17.2/9

All: -1099.046+/-442.775 χ^2/NDF : 32.9/17

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1620.316+/-0.427 χ^2/NDF :200647.5/9

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

Left In: 1670.882+/-0.461 χ^2/NDF :111443.5/7

Left: 1643.681+/-0.313 χ^2/NDF : 318574.6/17

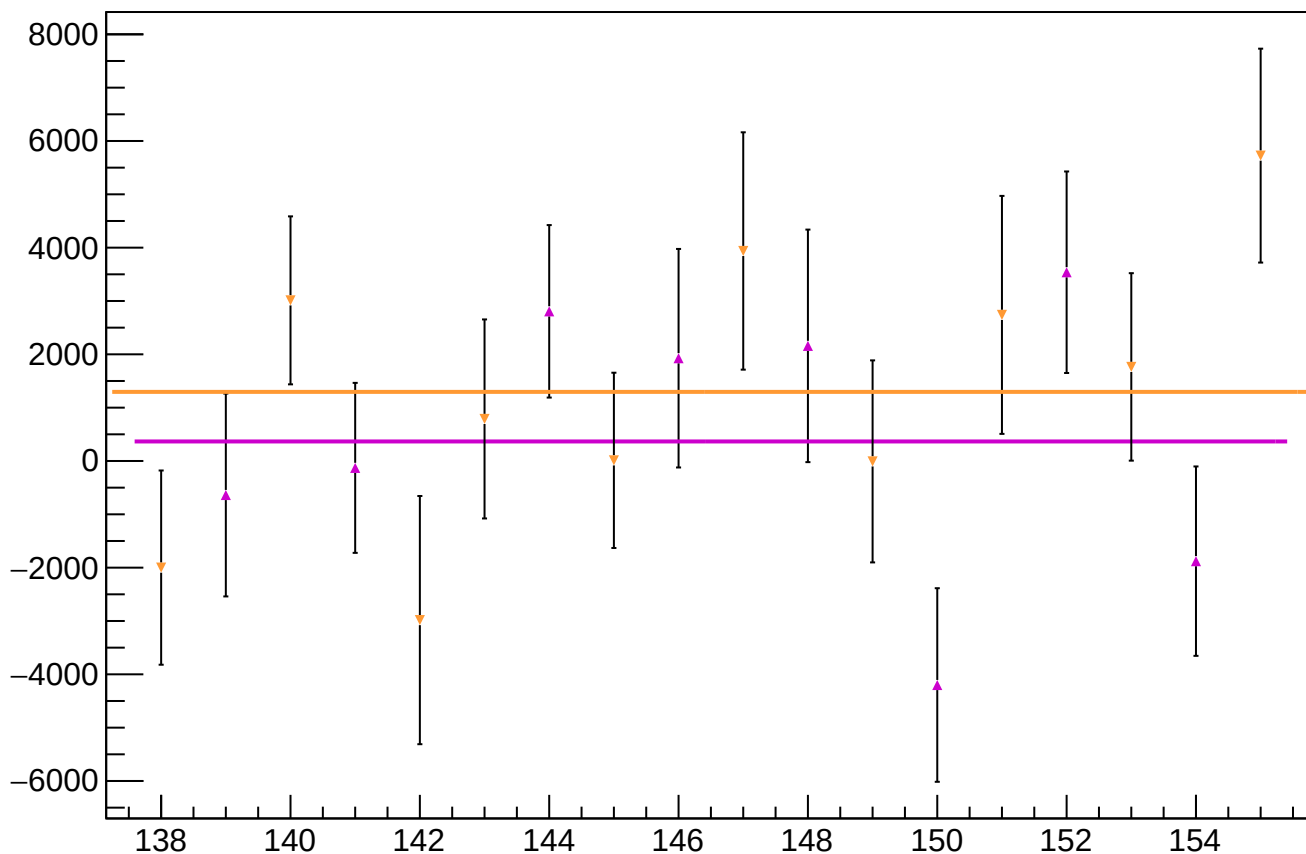
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1670.882+/-0.461 χ^2/NDF :111443.5/7

Out: 1620.316+/-0.427 χ^2/NDF :200647.5/9

All: 1643.681+/-0.313 χ^2/NDF : 318574.6/17

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 1295.740+/-597.486 χ^2/NDF :15.8/9

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

Left In: 366.232+/-645.199 χ^2/NDF :14.7/7

Left: 866.622+/-438.385 χ^2/NDF : 31.6/17

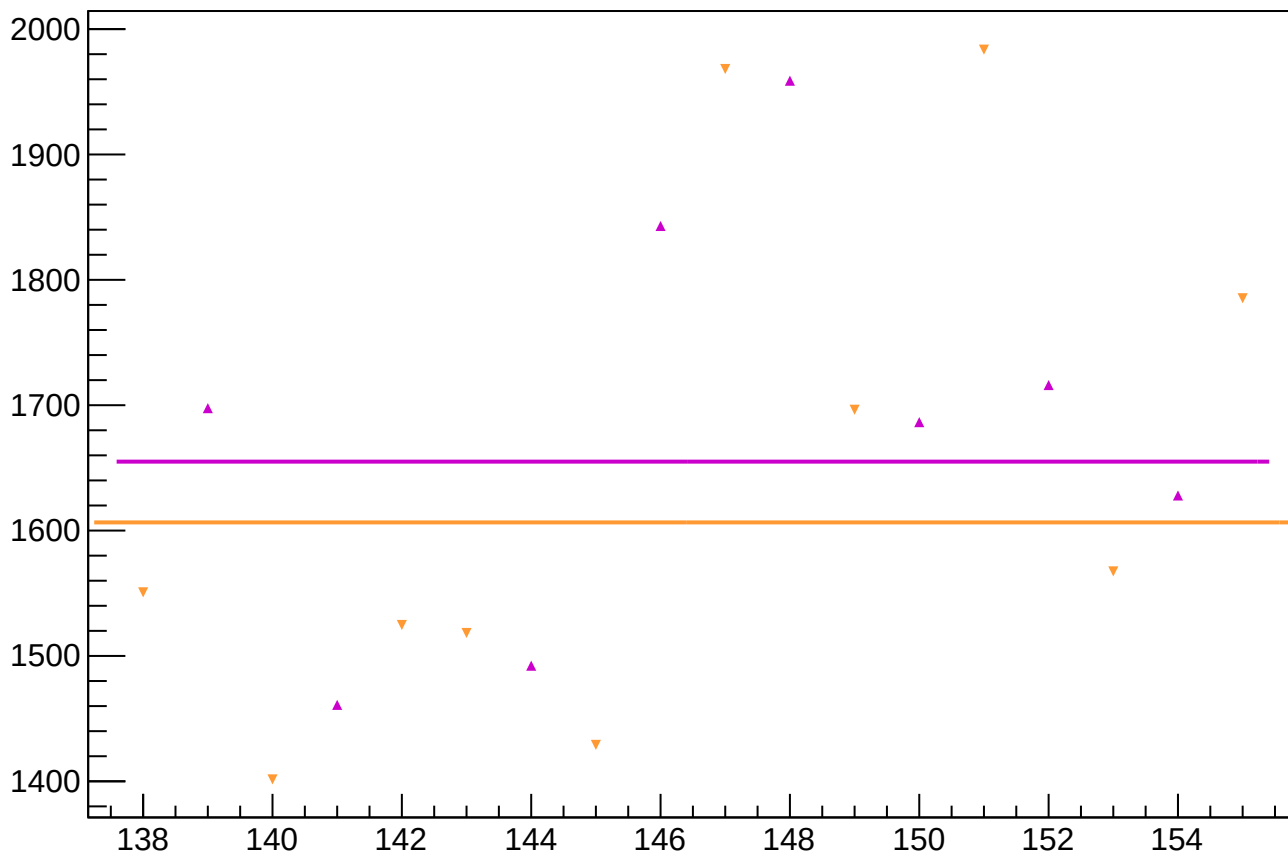
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 366.232+/-645.199 χ^2/NDF :14.7/7

Out: 1295.740+/-597.486 χ^2/NDF :15.8/9

All: 866.622+/-438.385 χ^2/NDF : 31.6/17

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1606.515+/-0.422 χ^2/NDF :197402.8/9

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

Left In: 1654.994+/-0.456 χ^2/NDF :109757.6/7

Left: 1628.895+/-0.310 χ^2/NDF : 313239.0/17

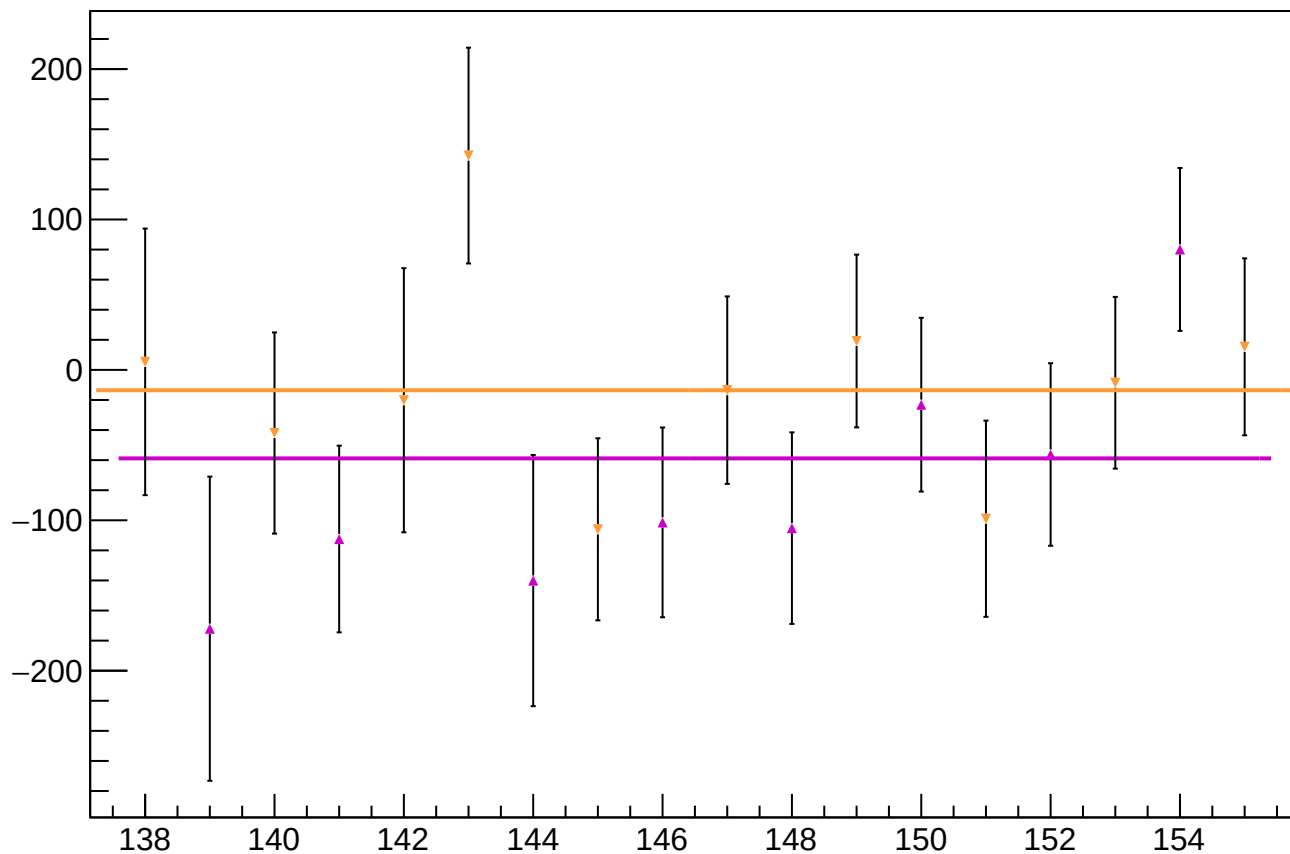
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1654.994+/-0.456 χ^2/NDF :109757.6/7

Out: 1606.515+/-0.422 χ^2/NDF :197402.8/9

All: 1628.895+/-0.310 χ^2/NDF : 313239.0/17

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -13.537 ± 20.675 χ^2/NDF : 9.6/9

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -58.846 ± 22.878 χ^2/NDF : 10.9/7

Left: -33.906 ± 15.339 χ^2/NDF : 22.6/17

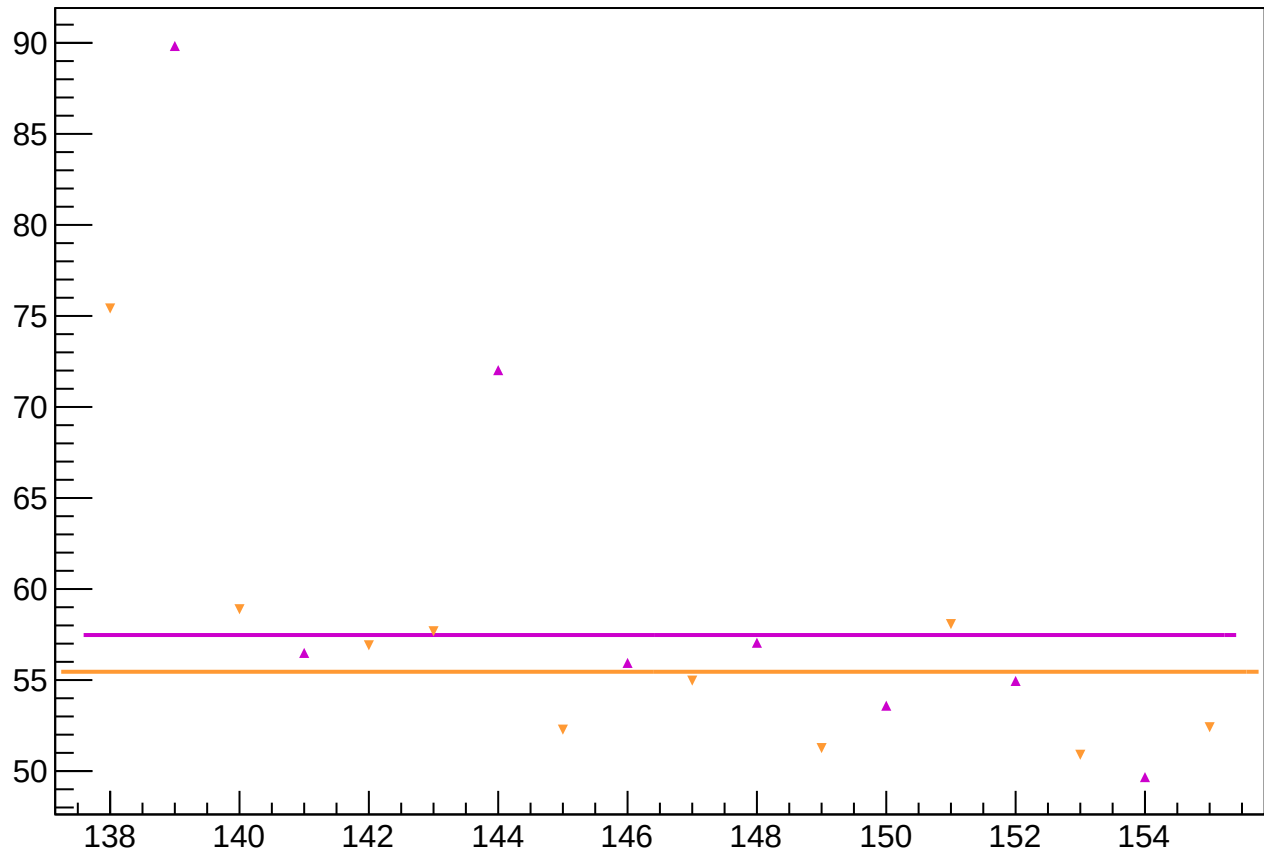
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -58.846 ± 22.878 χ^2/NDF : 10.9/7

Out: -13.537 ± 20.675 χ^2/NDF : 9.6/9

All: -33.906 ± 15.339 χ^2/NDF : 22.6/17

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 55.456+/-0.015 χ^2/NDF :146800.6/9

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

Left In: 57.473+/-0.016 χ^2/NDF :321261.7/7

Left: 56.363+/-0.011 χ^2/NDF : 476624.2/17

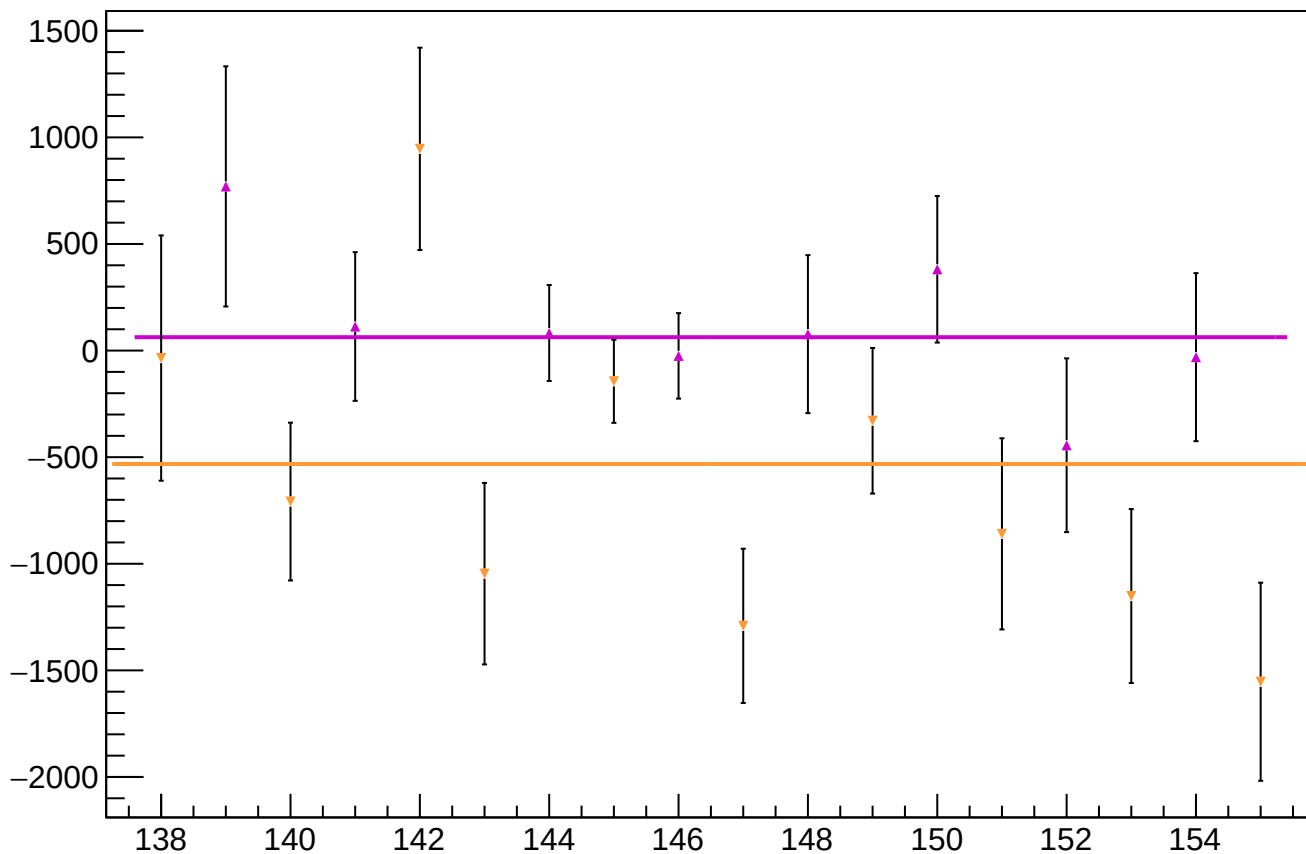
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 57.473+/-0.016 χ^2/NDF :321261.7/7

Out: 55.456+/-0.015 χ^2/NDF :146800.6/9

All: 56.363+/-0.011 χ^2/NDF : 476624.2/17

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -531.962+/-112.905 χ^2/NDF :28.5/9

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

Left In: 62.731+/-108.977 χ^2/NDF :4.3/7

Left: -224.091+/-78.410 χ^2/NDF : 47.1/17

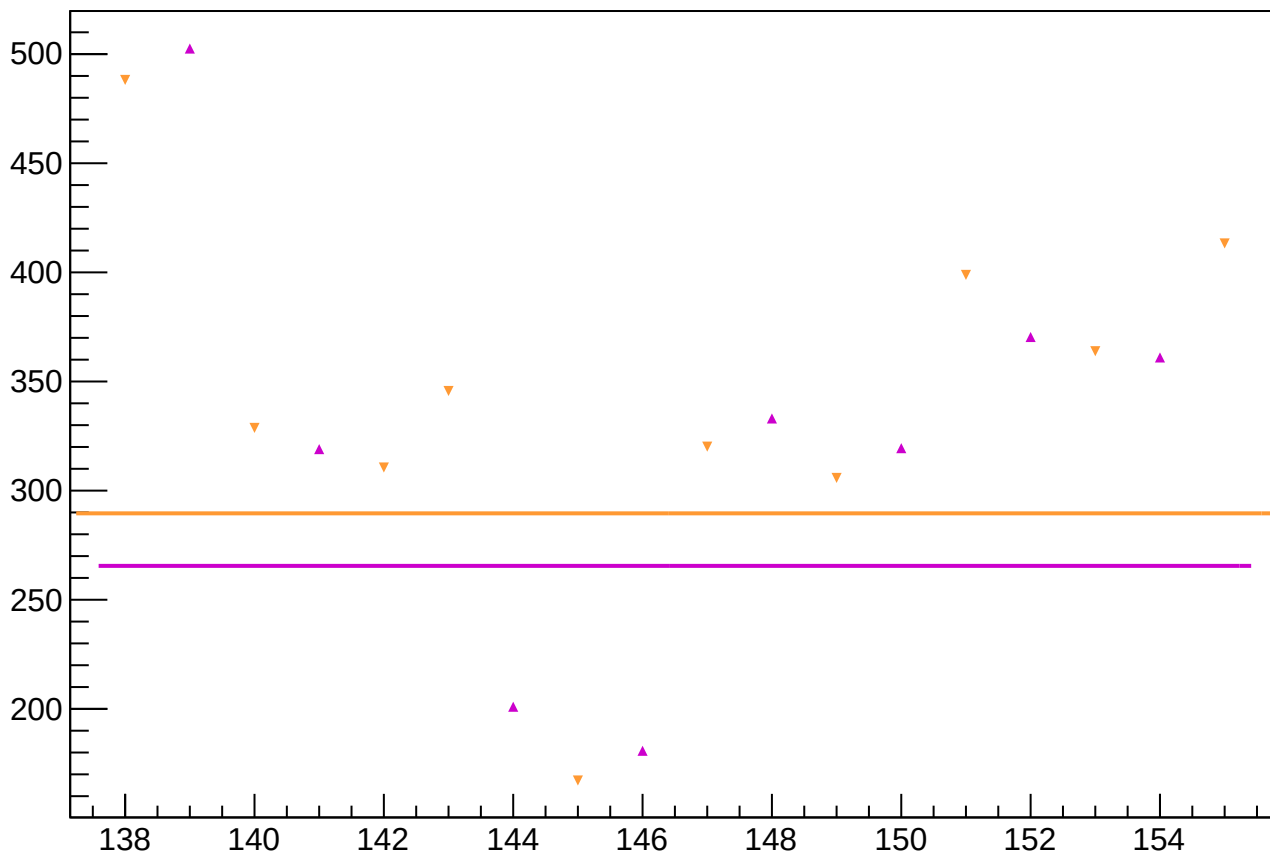
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 62.731+/-108.977 χ^2/NDF :4.3/7

Out: -531.962+/-112.905 χ^2/NDF :28.5/9

All: -224.091+/-78.410 χ^2/NDF : 47.1/17

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 289.591+/-0.080 χ^2/NDF :1434041.7/9

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

Left In: 265.524+/-0.077 χ^2/NDF :1288382.1/7

Left: 277.131+/-0.055 χ^2/NDF : 2769470.5/17

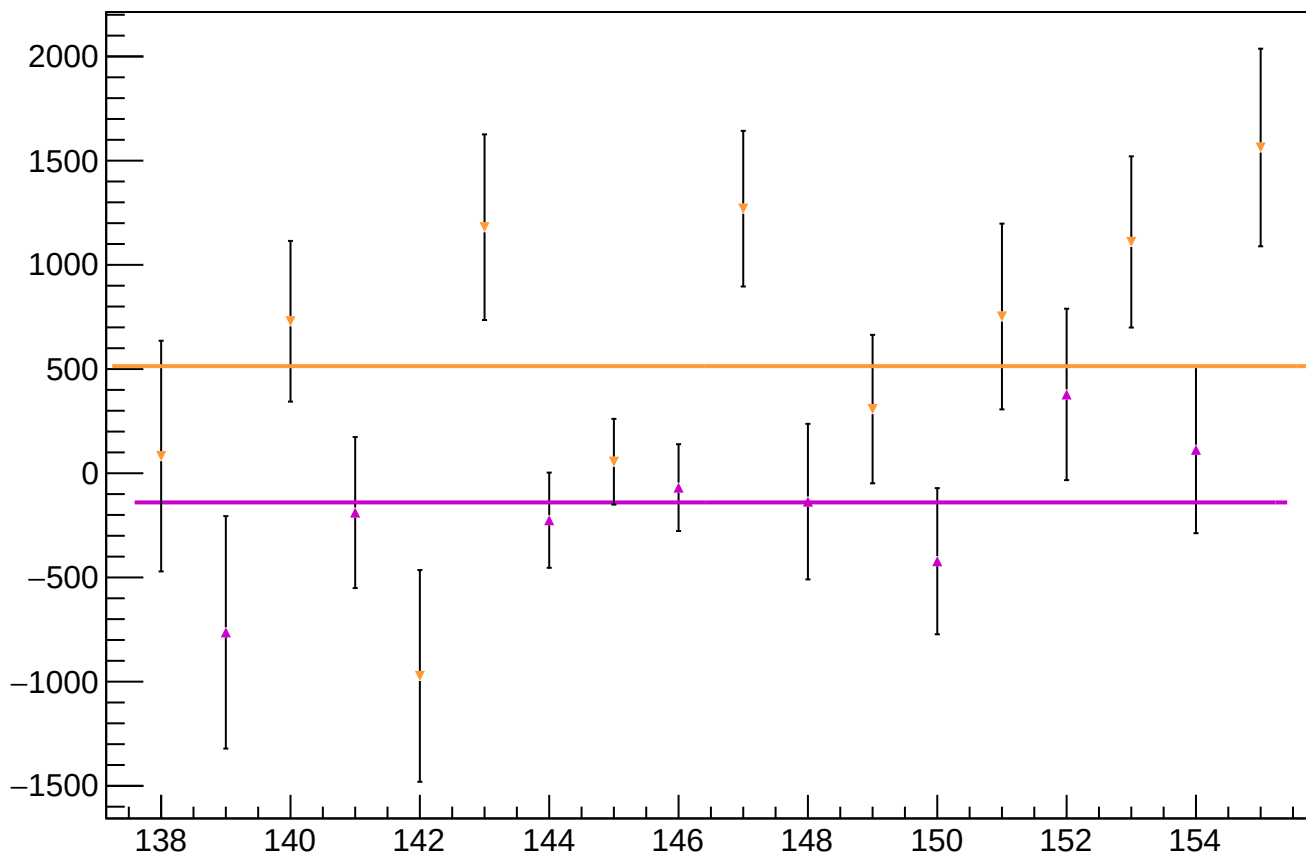
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 265.524+/-0.077 χ^2/NDF :1288382.1/7

Out: 289.591+/-0.080 χ^2/NDF :1434041.7/9

All: 277.131+/-0.055 χ^2/NDF : 2769470.5/17

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 513.880+/-117.033 χ^2/NDF :28.4/9

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

Left In: -139.924+/-111.450 χ^2/NDF :4.2/7

Left: 171.012+/-80.709 χ^2/NDF : 48.9/17

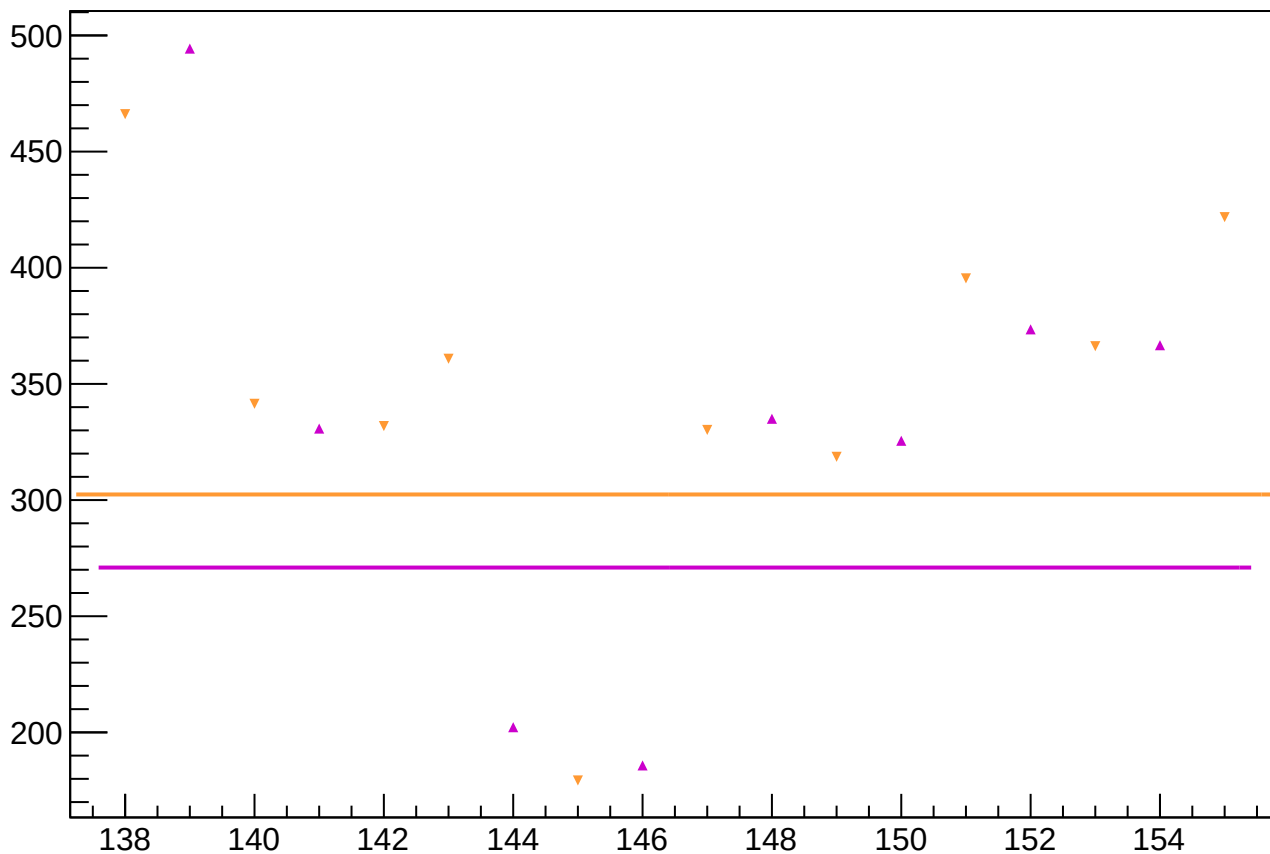
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -139.924+/-111.450 χ^2/NDF :4.2/7

Out: 513.880+/-117.033 χ^2/NDF :28.4/9

All: 171.012+/-80.709 χ^2/NDF : 48.9/17

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 302.410+/-0.083 χ^2/NDF :1230440.3/9

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

Left In: 270.949+/-0.079 χ^2/NDF :1236774.3/7

Left: 285.911+/-0.057 χ^2/NDF : 2543011.1/17

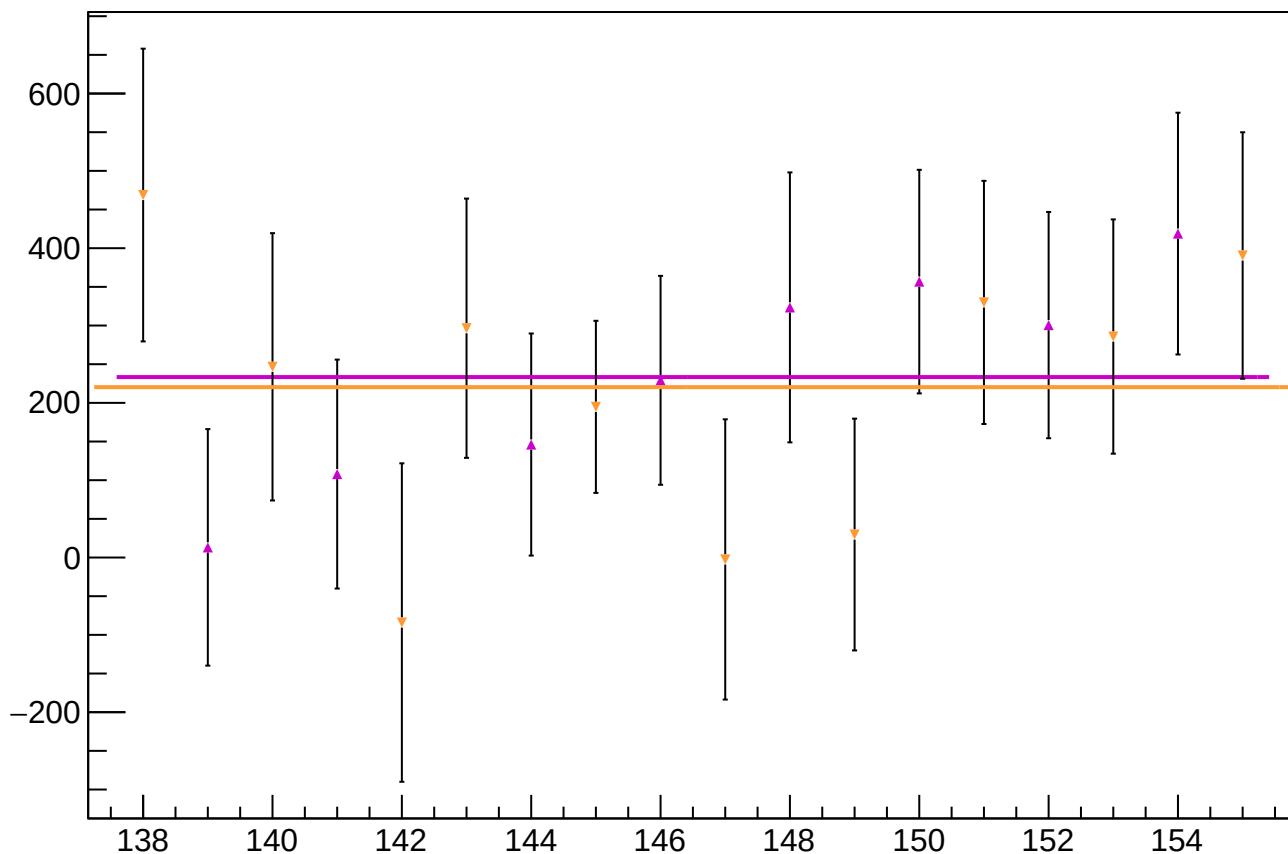
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 270.949+/-0.079 χ^2/NDF :1236774.3/7

Out: 302.410+/-0.083 χ^2/NDF :1230440.3/9

All: 285.911+/-0.057 χ^2/NDF : 2543011.1/17

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 220.332+/-50.016 χ^2/NDF :9.1/9

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

Left In: 233.354+/-52.702 χ^2/NDF :5.8/7

Left: 226.503+/-36.279 χ^2/NDF : 14.9/17

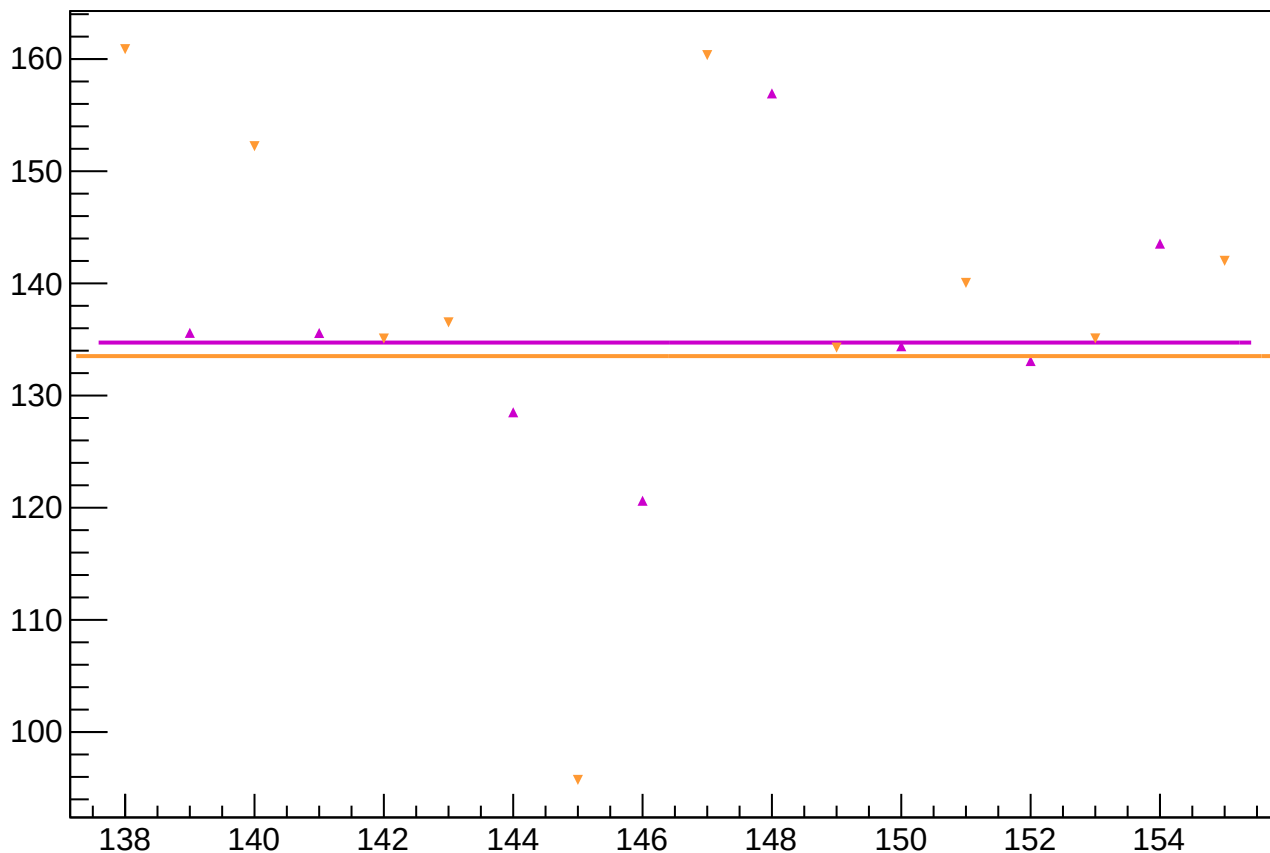
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.354+/-52.702 χ^2/NDF :5.8/7

Out: 220.332+/-50.016 χ^2/NDF :9.1/9

All: 226.503+/-36.279 χ^2/NDF : 14.9/17

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 133.517+/-0.035 χ^2/NDF : 349936.2/9

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

Left In: 134.723+/-0.037 χ^2/NDF : 64704.4/7

Left: 134.088+/-0.026 χ^2/NDF : 415192.2/17

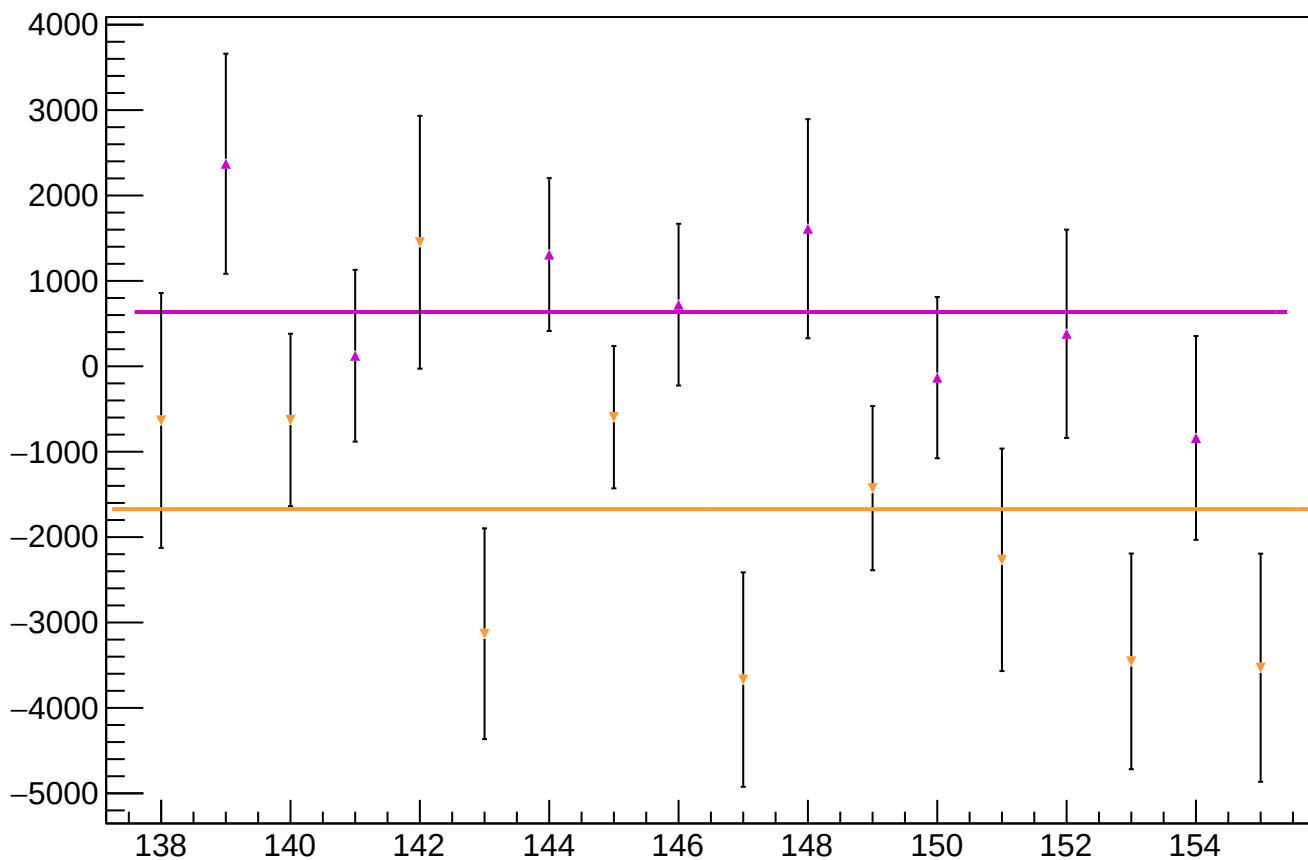
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.723+/-0.037 χ^2/NDF : 64704.4/7

Out: 133.517+/-0.035 χ^2/NDF : 349936.2/9

All: 134.088+/-0.026 χ^2/NDF : 415192.2/17

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1672.505+/-365.698 χ^2/NDF :15.8/9

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

Left In: 635.502+/-376.383 χ^2/NDF :5.5/7

Left: -551.726+/-262.284 χ^2/NDF : 40.6/17

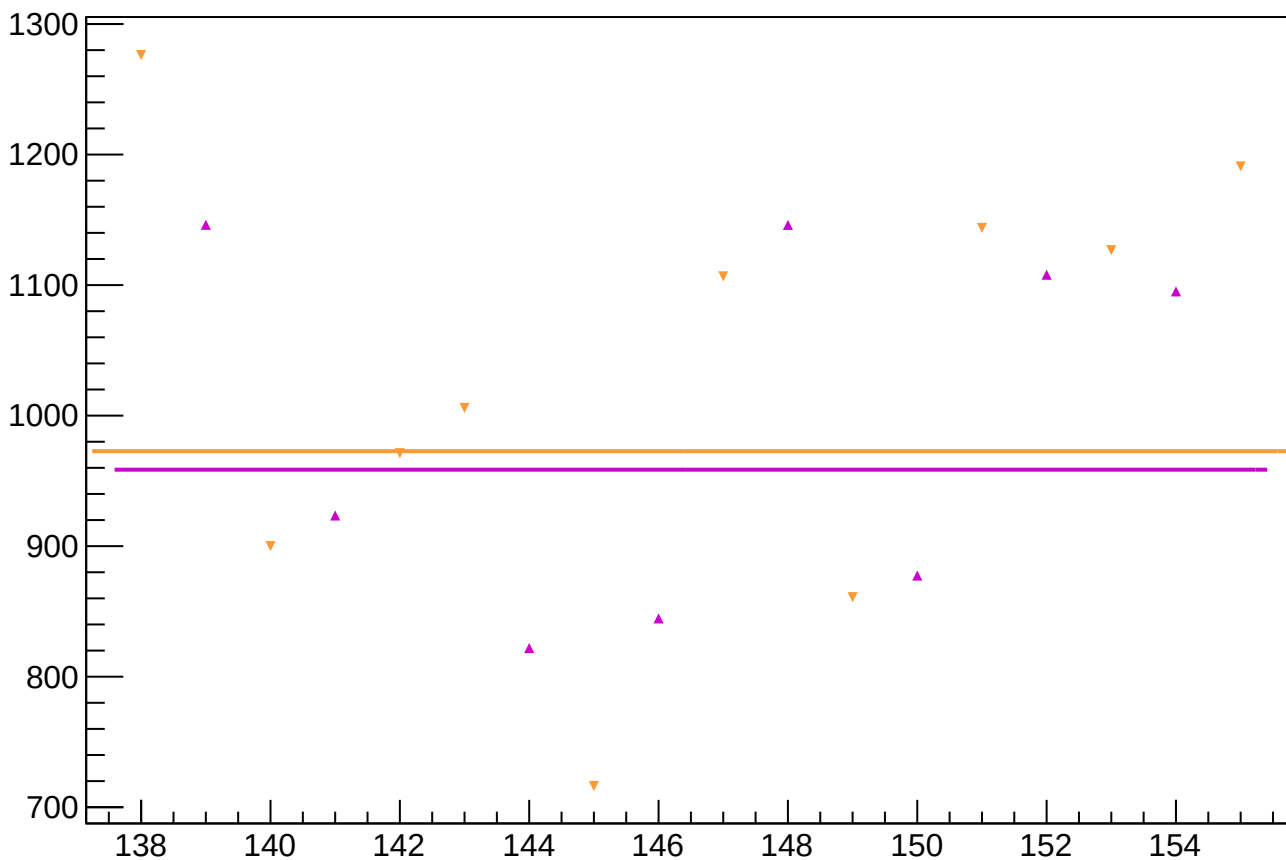
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 635.502+/-376.383 χ^2/NDF :5.5/7

Out: -1672.505+/-365.698 χ^2/NDF :15.8/9

All: -551.726+/-262.284 χ^2/NDF : 40.6/17

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 972.778+/-0.259 χ^2/NDF :451482.3/9

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

Left In: 958.587+/-0.266 χ^2/NDF :234072.9/7

Left: 965.887+/-0.185 χ^2/NDF : 687017.7/17

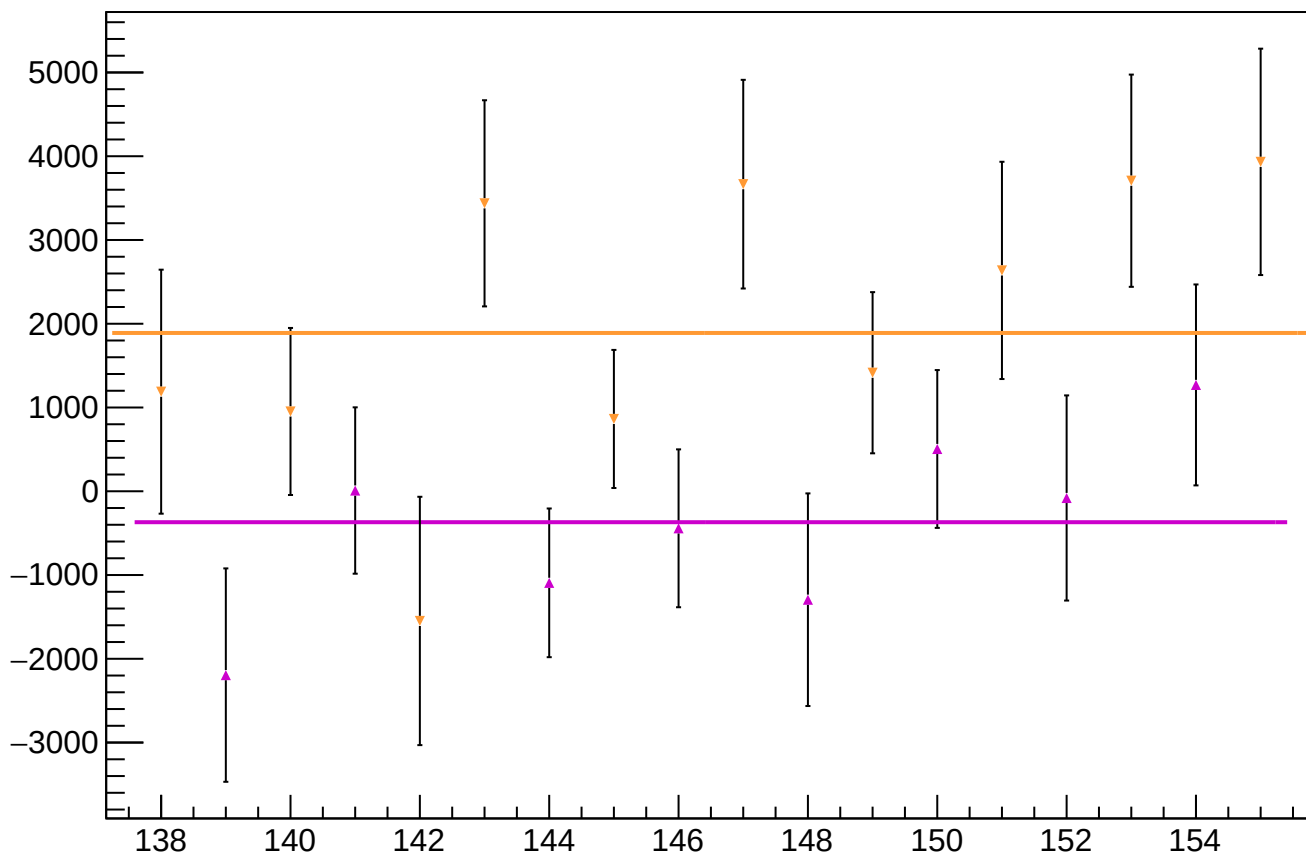
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 958.587+/-0.266 χ^2/NDF :234072.9/7

Out: 972.778+/-0.259 χ^2/NDF :451482.3/9

All: 965.887+/-0.185 χ^2/NDF : 687017.7/17

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1890.040+/-363.845 χ^2/NDF : 16.6/9

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

Left In: -369.331+/-374.384 χ^2/NDF : 6.2/7

Left: 792.603+/-260.924 χ^2/NDF : 41.5/17

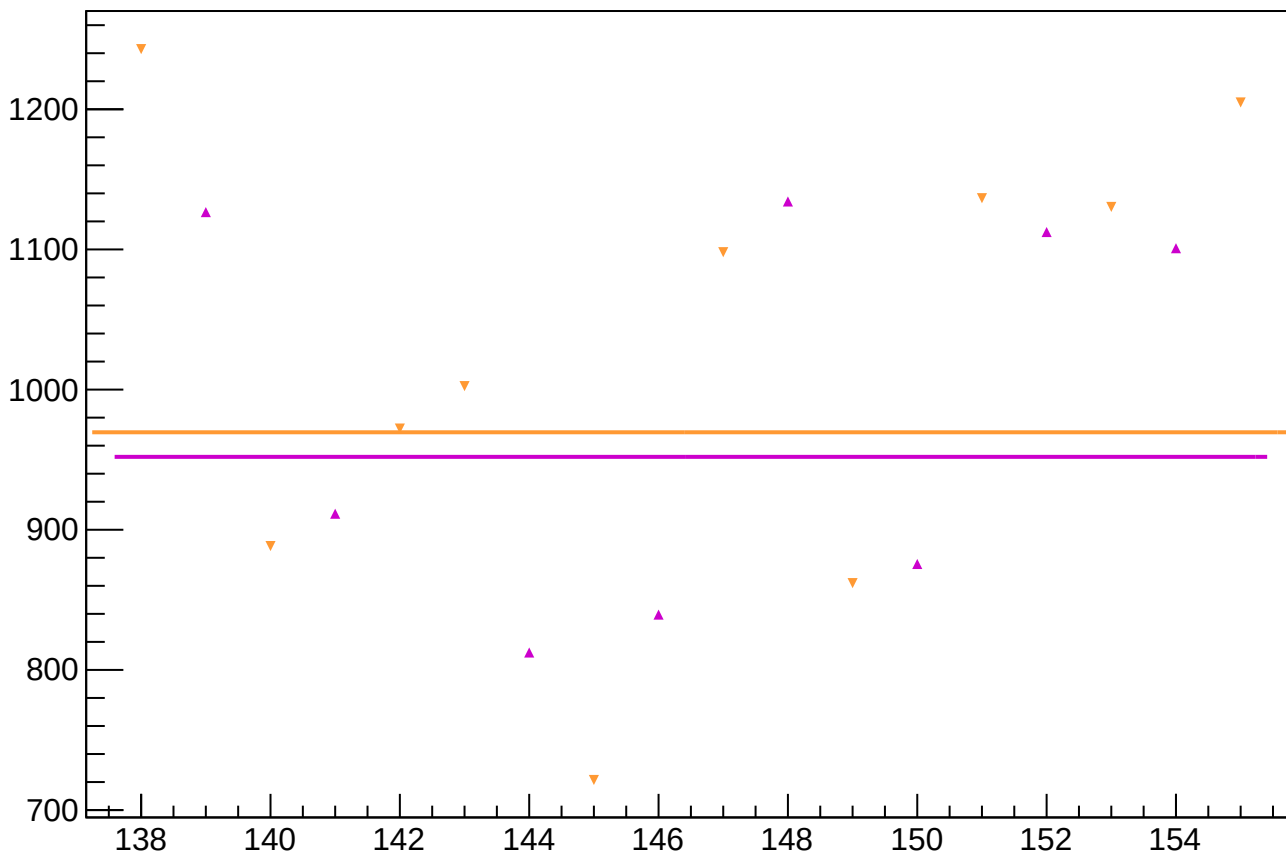
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -369.331+/-374.384 χ^2/NDF : 6.2/7

Out: 1890.040+/-363.845 χ^2/NDF : 16.6/9

All: 792.603+/-260.924 χ^2/NDF : 41.5/17

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 969.546+/-0.257 χ^2/NDF : 438588.9/9

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

Left In: 952.018+/-0.265 χ^2/NDF : 238394.8/7

Left: 961.032+/-0.185 χ^2/NDF : 679238.1/17

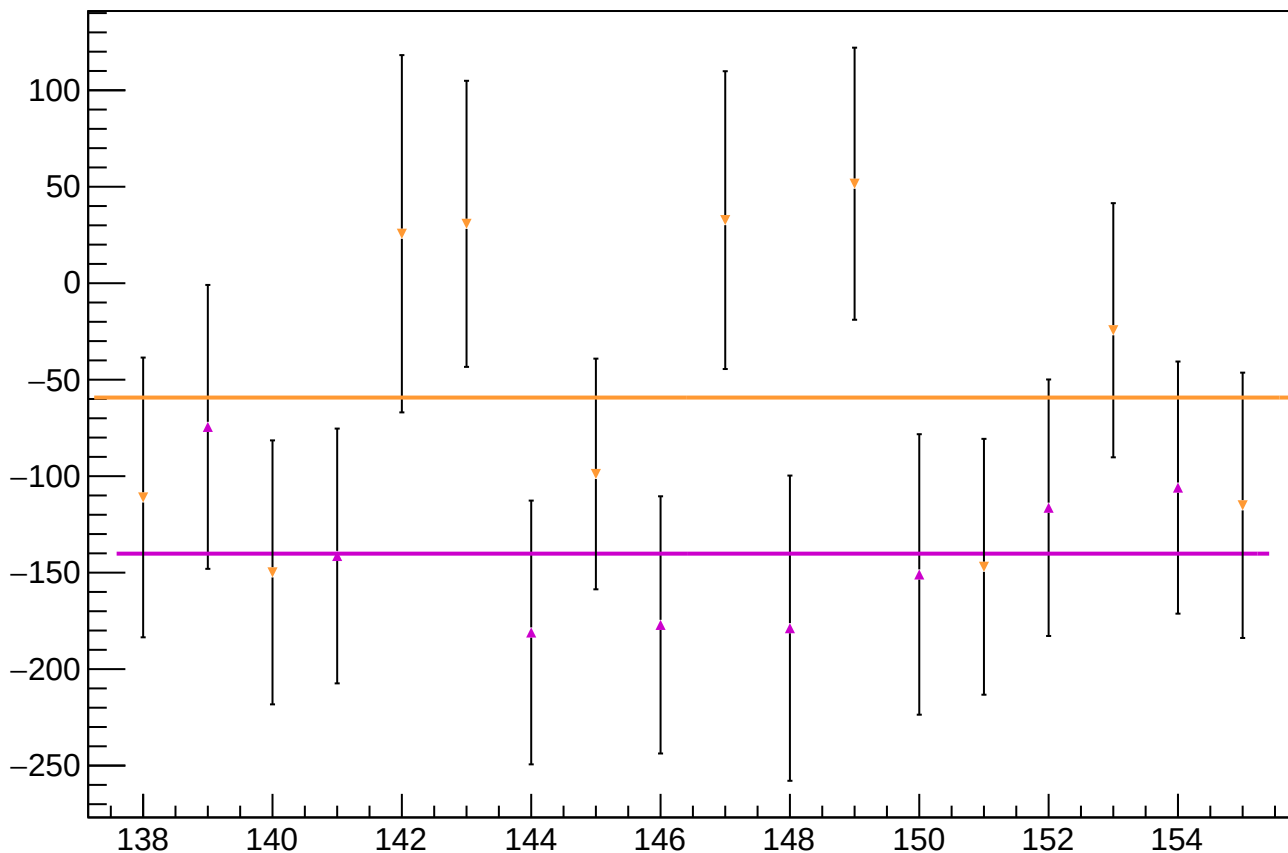
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 952.018+/-0.265 χ^2/NDF : 238394.8/7

Out: 969.546+/-0.257 χ^2/NDF : 438588.9/9

All: 961.032+/-0.185 χ^2/NDF : 679238.1/17

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: -59.259+/-22.244 χ^2/NDF :11.6/9

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

Left In: -140.157+/-24.522 χ^2/NDF :2.1/7

Left: -95.777+/-16.475 χ^2/NDF : 19.7/17

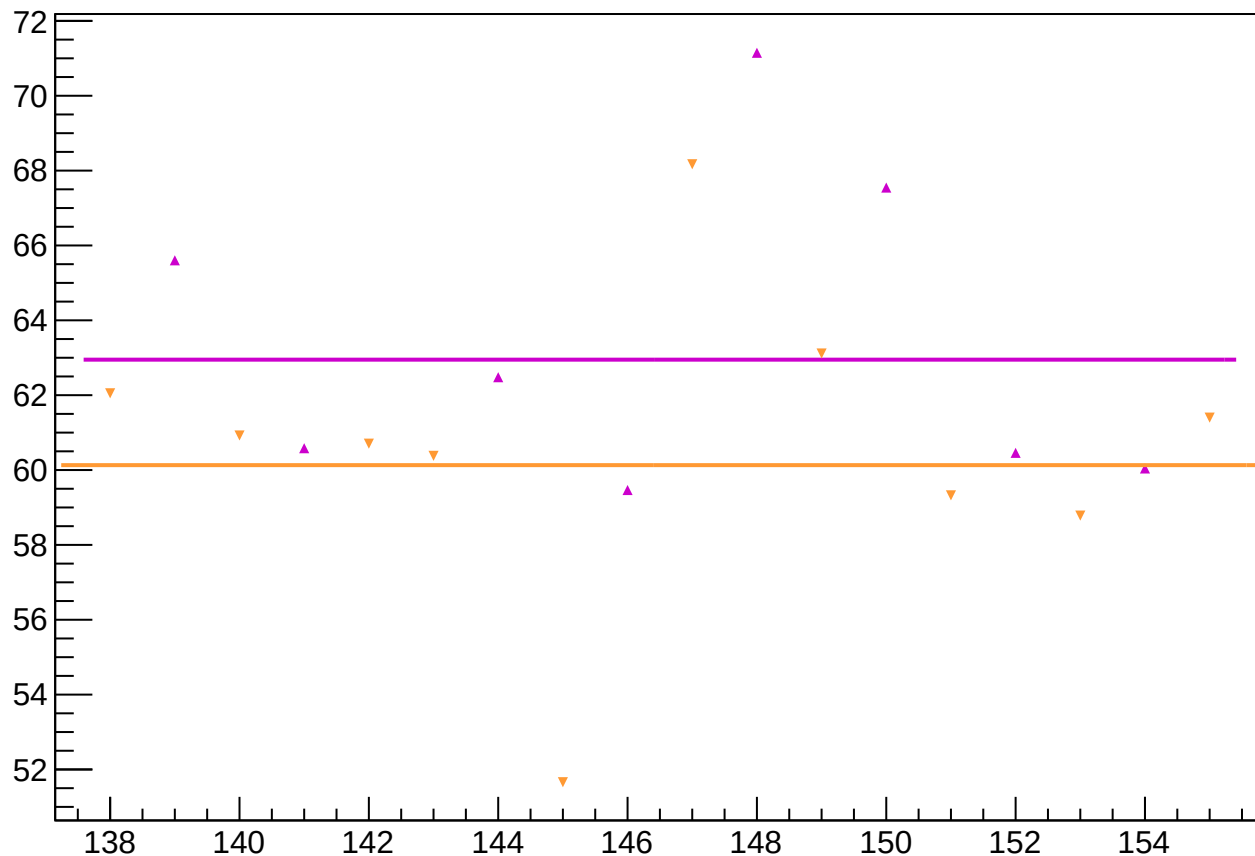
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -140.157+/-24.522 χ^2/NDF :2.1/7

Out: -59.259+/-22.244 χ^2/NDF :11.6/9

All: -95.777+/-16.475 χ^2/NDF : 19.7/17

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 60.131+/-0.016 χ^2/NDF : 69037.3/9

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

Left In: 62.949+/-0.017 χ^2/NDF : 46986.7/7

Left: 61.403+/-0.012 χ^2/NDF : 130516.1/17

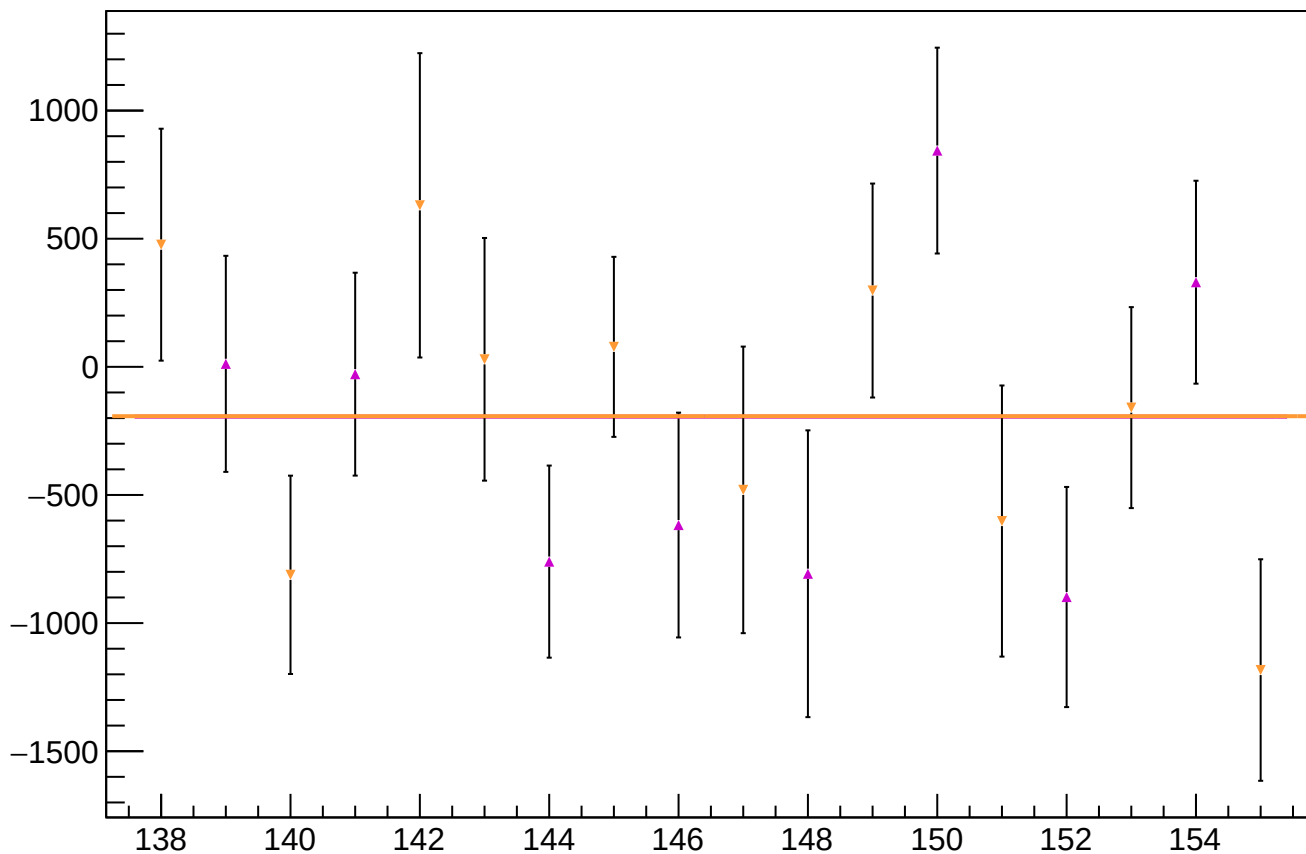
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 62.949+/-0.017 χ^2/NDF : 46986.7/7

Out: 60.131+/-0.016 χ^2/NDF : 69037.3/9

All: 61.403+/-0.012 χ^2/NDF : 130516.1/17

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: -192.619+/-139.586 χ^2/NDF :15.0/9

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

Left In: -194.305+/-148.229 χ^2/NDF :15.9/7

Left: -193.411+/-101.621 χ^2/NDF : 30.9/17

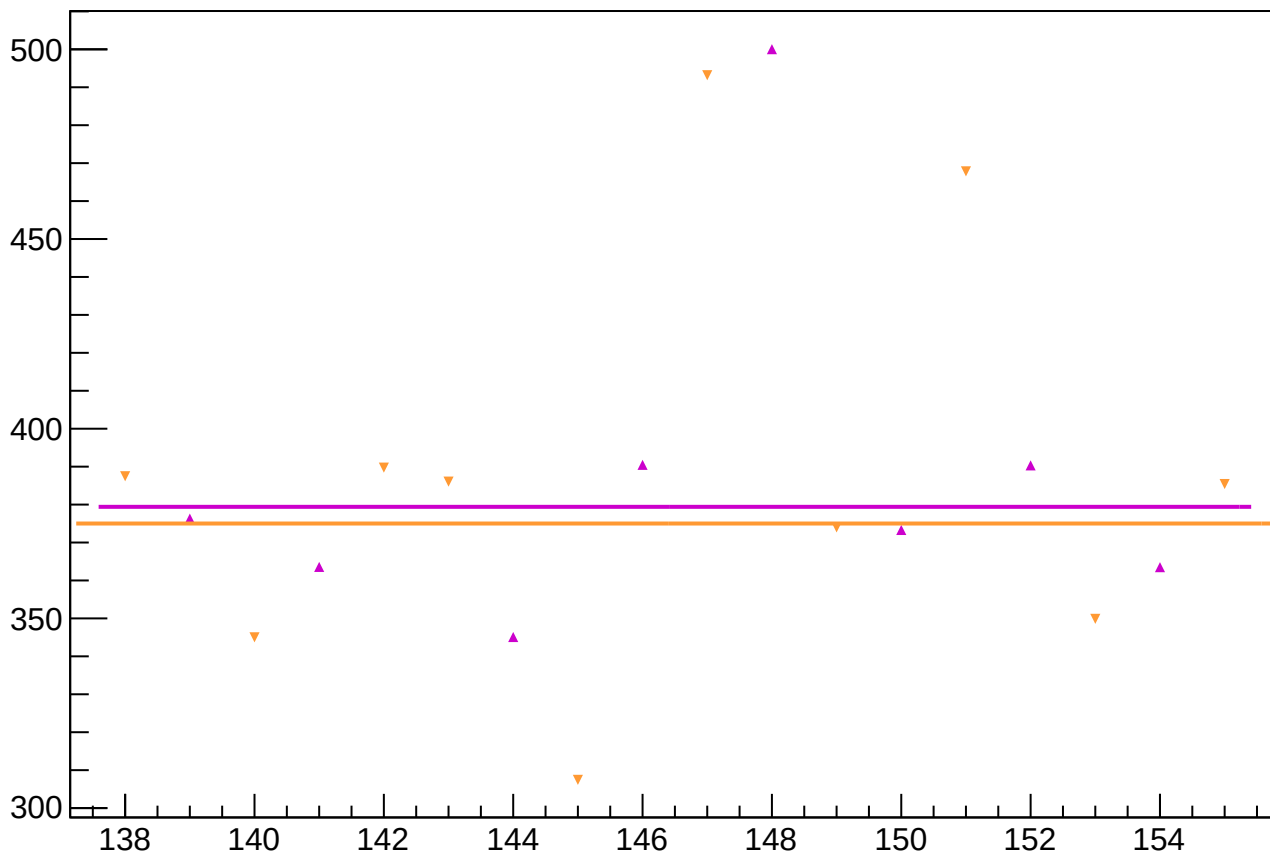
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -194.305+/-148.229 χ^2/NDF :15.9/7

Out: -192.619+/-139.586 χ^2/NDF :15.0/9

All: -193.411+/-101.621 χ^2/NDF : 30.9/17

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: 375.009+/-0.099 χ^2/NDF :250111.5/9

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

Left In: 379.409+/-0.105 χ^2/NDF :119263.0/7

Left: 377.077+/-0.072 χ^2/NDF : 370308.7/17

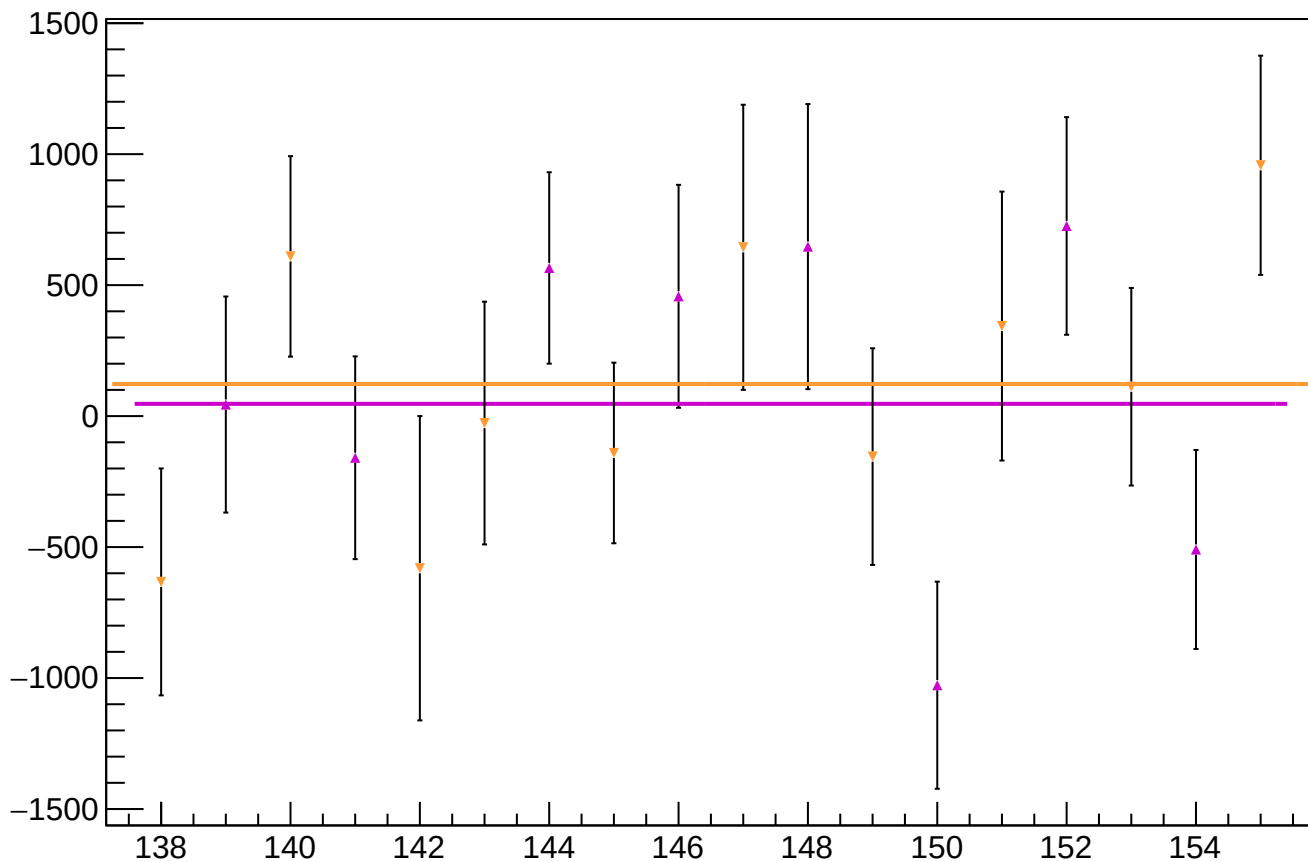
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.409+/-0.105 χ^2/NDF :119263.0/7

Out: 375.009+/-0.099 χ^2/NDF :250111.5/9

All: 377.077+/-0.072 χ^2/NDF : 370308.7/17

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: 122.217+/-136.136 χ^2/NDF :12.4/9

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

Left In: 46.791+/-144.243 χ^2/NDF :16.6/7

Left: 86.683+/-99.005 χ^2/NDF : 29.1/17

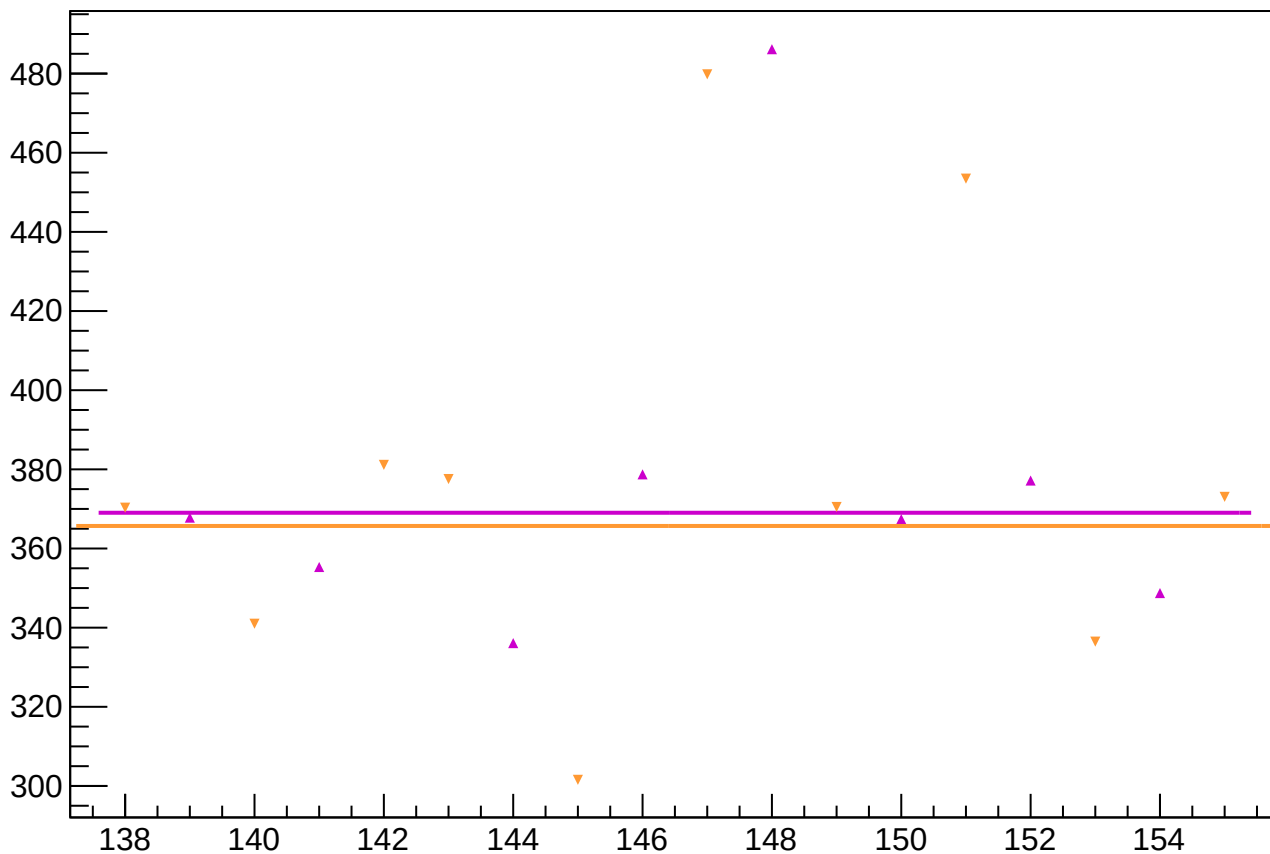
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 46.791+/-144.243 χ^2/NDF :16.6/7

Out: 122.217+/-136.136 χ^2/NDF :12.4/9

All: 86.683+/-99.005 χ^2/NDF : 29.1/17

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 365.695+/-0.096 χ^2/NDF :239842.4/9

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

Left In: 369.032+/-0.102 χ^2/NDF :118976.6/7

Left: 367.267+/-0.070 χ^2/NDF : 359384.9/17

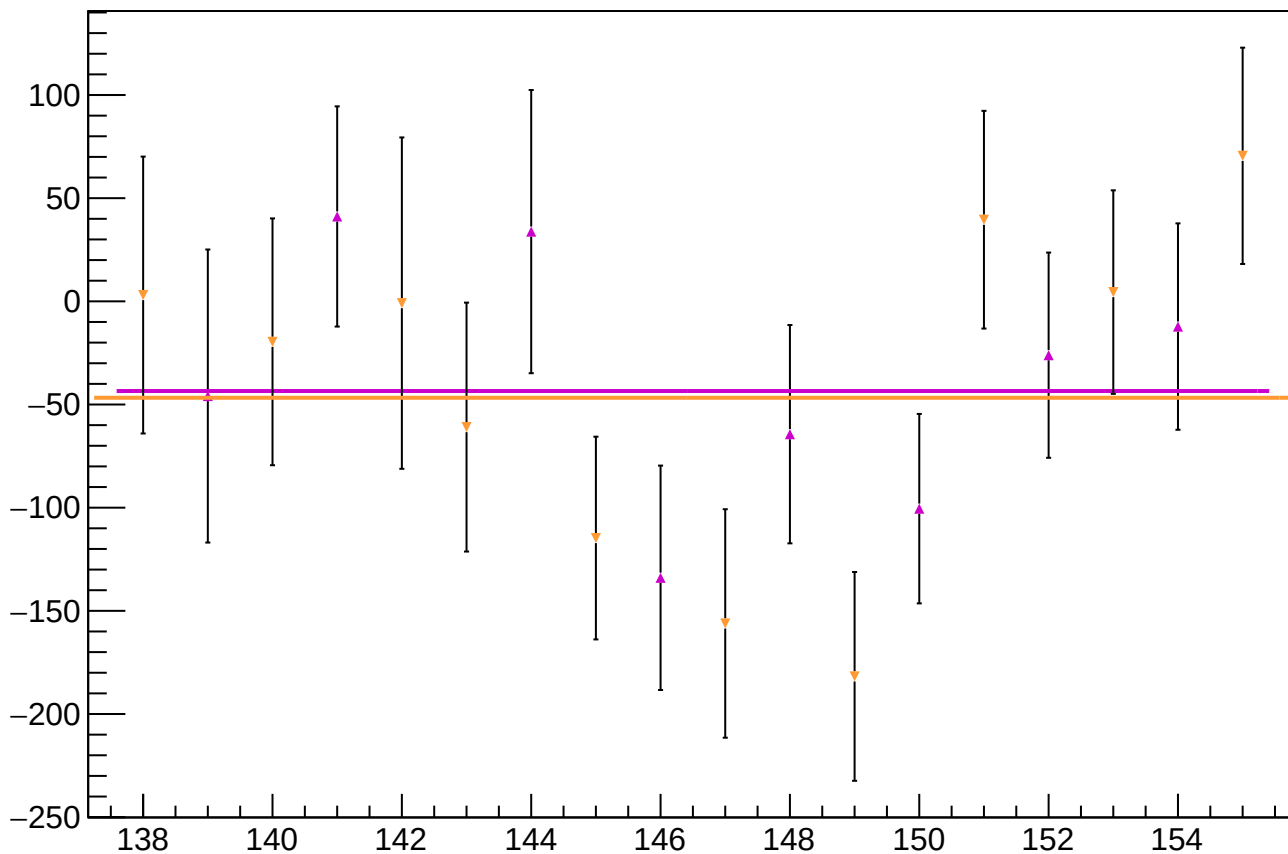
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 369.032+/-0.102 χ^2/NDF :118976.6/7

Out: 365.695+/-0.096 χ^2/NDF :239842.4/9

All: 367.267+/-0.070 χ^2/NDF : 359384.9/17

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -46.732 ± 17.686 $\chi^2/\text{NDF}: 22.8/9$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -43.464 ± 19.119 $\chi^2/\text{NDF}: 8.8/7$

Left: -45.225 ± 12.983 $\chi^2/\text{NDF}: 31.6/17$

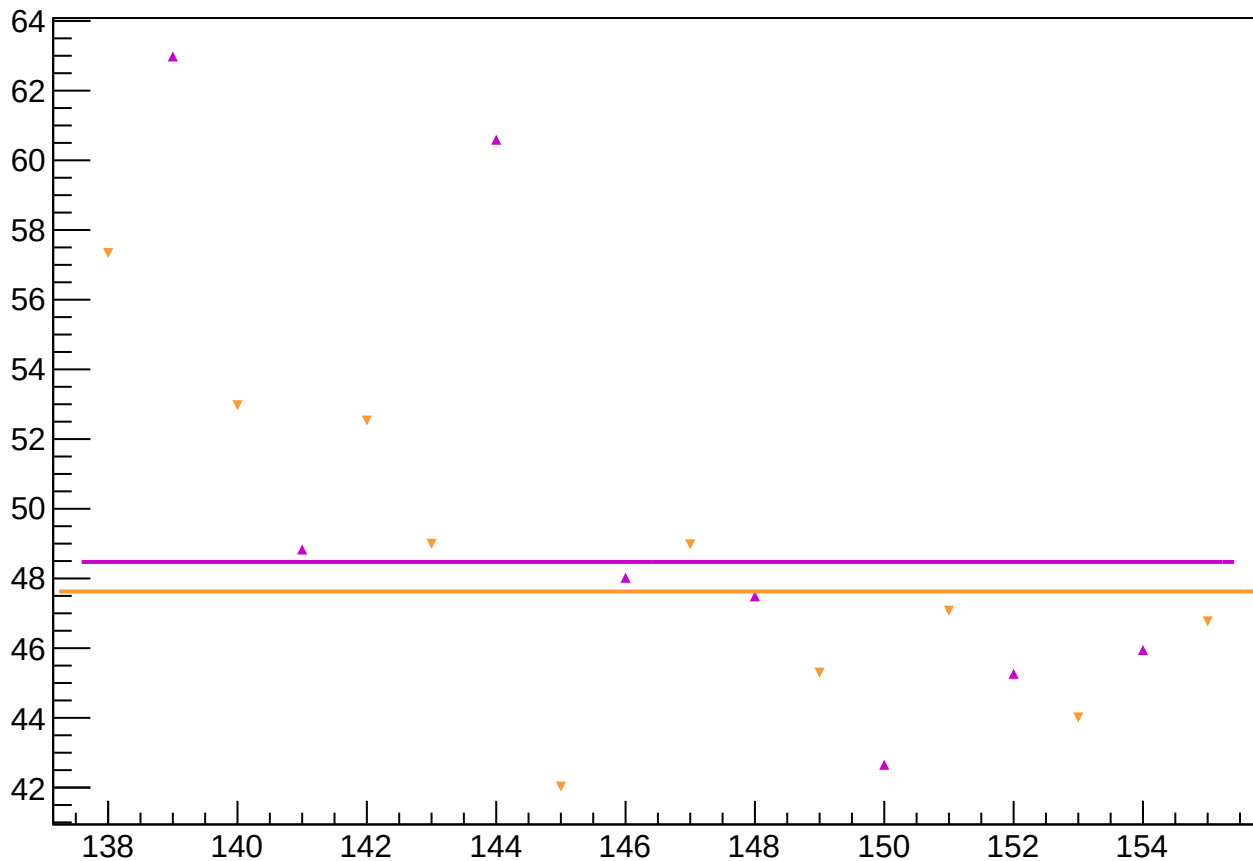
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -43.464 ± 19.119 $\chi^2/\text{NDF}: 8.8/7$

Out: -46.732 ± 17.686 $\chi^2/\text{NDF}: 22.8/9$

All: -45.225 ± 12.983 $\chi^2/\text{NDF}: 31.6/17$

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: 47.627+/-0.013 χ^2/NDF :109260.9/9

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

Left In: 48.475+/-0.014 χ^2/NDF :192322.8/7

Left: 48.018+/-0.009 χ^2/NDF : 303702.1/17

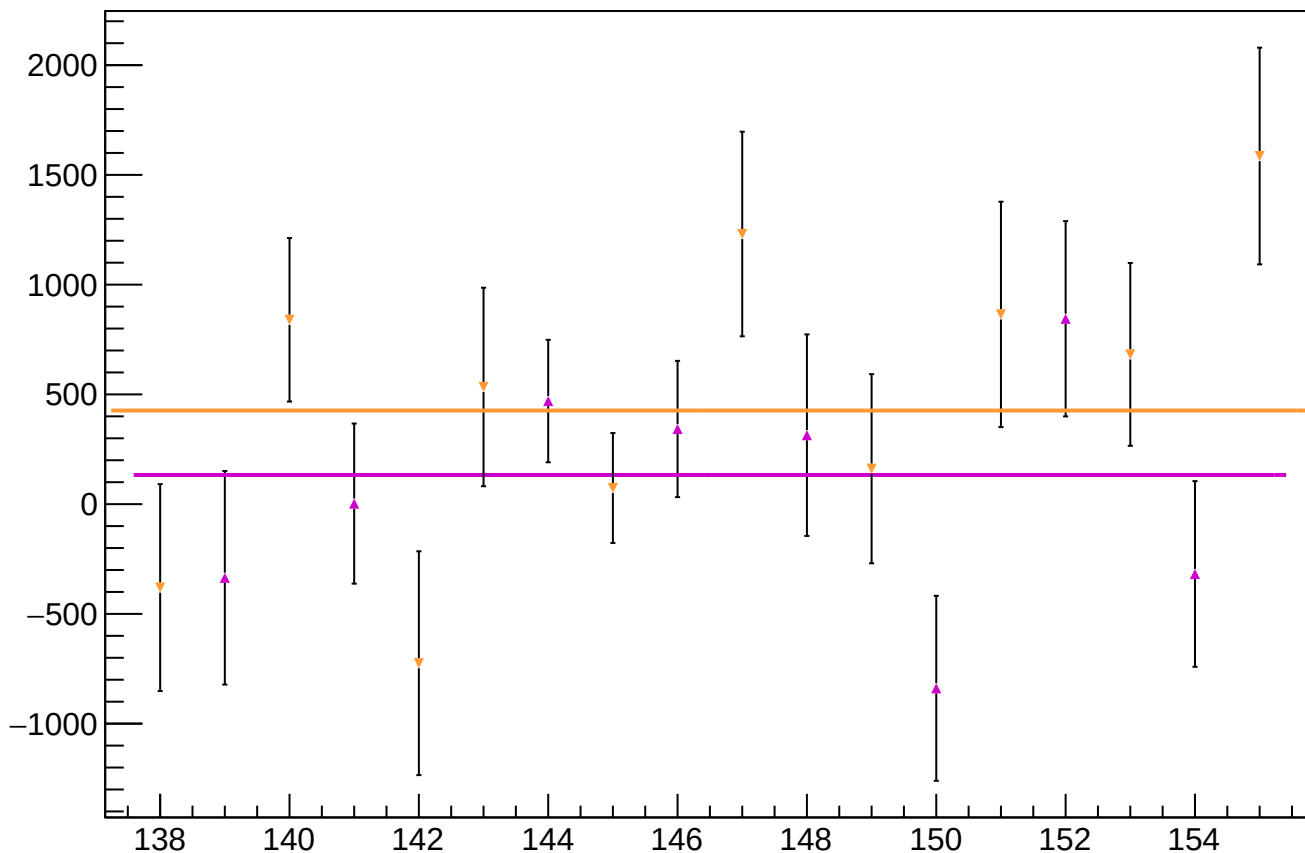
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 48.475+/-0.014 χ^2/NDF :192322.8/7

Out: 47.627+/-0.013 χ^2/NDF :109260.9/9

All: 48.018+/-0.009 χ^2/NDF : 303702.1/17

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: 426.467+/-129.088 χ^2/NDF : 21.3/9

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

Left In: 132.958+/-133.635 χ^2/NDF : 12.1/7

Left: 284.790+/-92.845 χ^2/NDF : 35.9/17

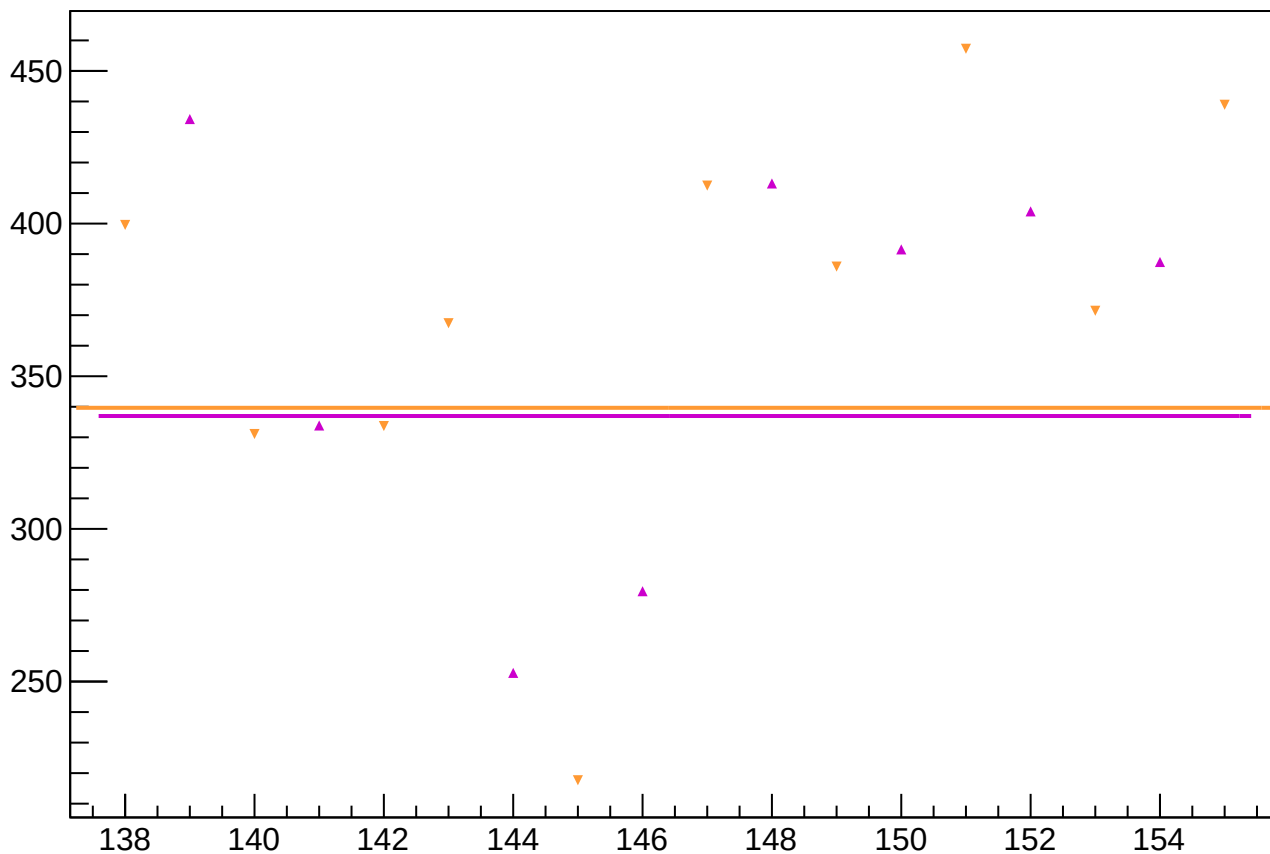
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.958+/-133.635 χ^2/NDF : 12.1/7

Out: 426.467+/-129.088 χ^2/NDF : 21.3/9

All: 284.790+/-92.845 χ^2/NDF : 35.9/17

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: 339.662+/-0.091 χ^2/NDF :784041.8/9

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

Left In: 336.975+/-0.094 χ^2/NDF :492884.3/7

Left: 338.365+/-0.066 χ^2/NDF : 1277344.5/17

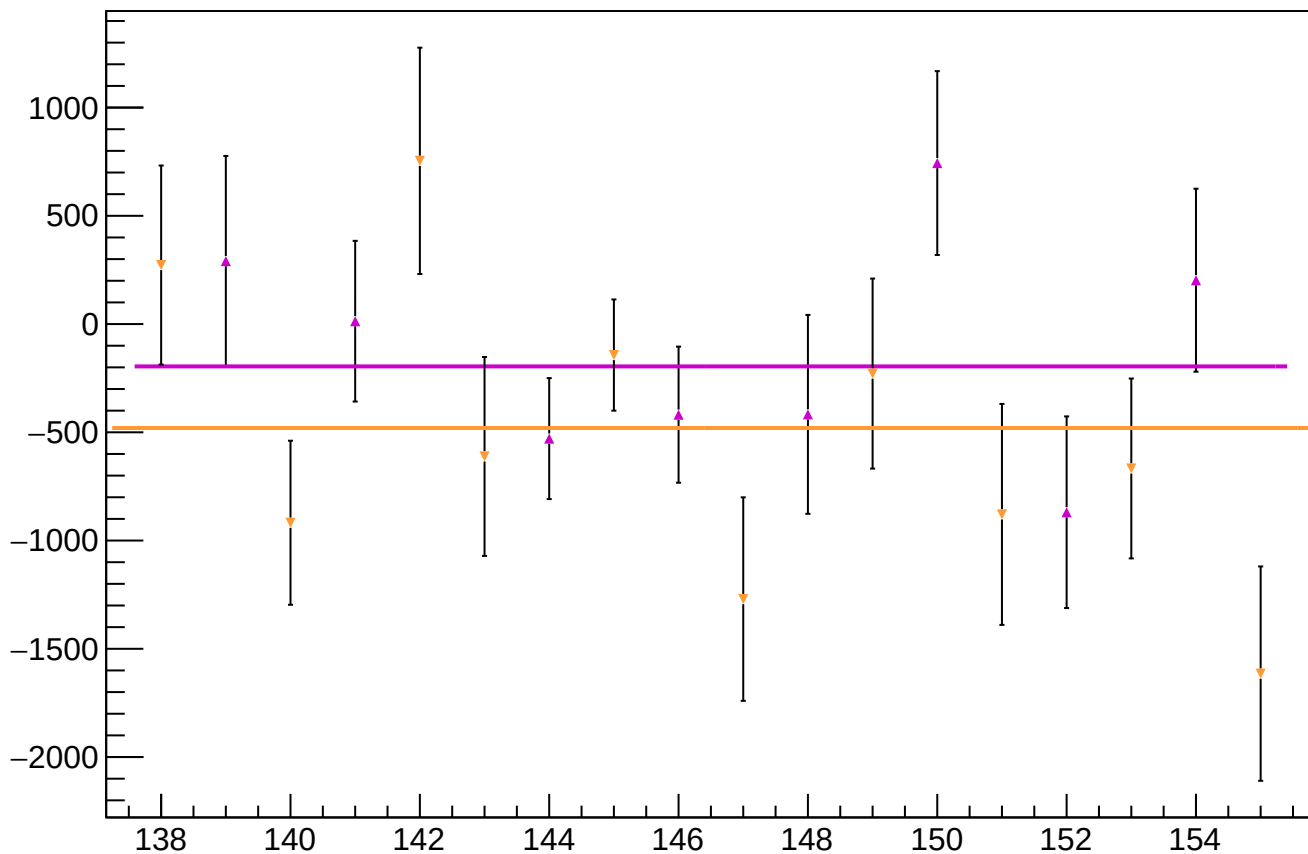
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.975+/-0.094 χ^2/NDF :492884.3/7

Out: 339.662+/-0.091 χ^2/NDF :784041.8/9

All: 338.365+/-0.066 χ^2/NDF : 1277344.5/17

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -480.129+/-130.544 χ^2/NDF :20.6/9

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

Left In: -195.571+/-134.333 χ^2/NDF :11.6/7

Left: -341.920+/-93.619 χ^2/NDF : 34.5/17

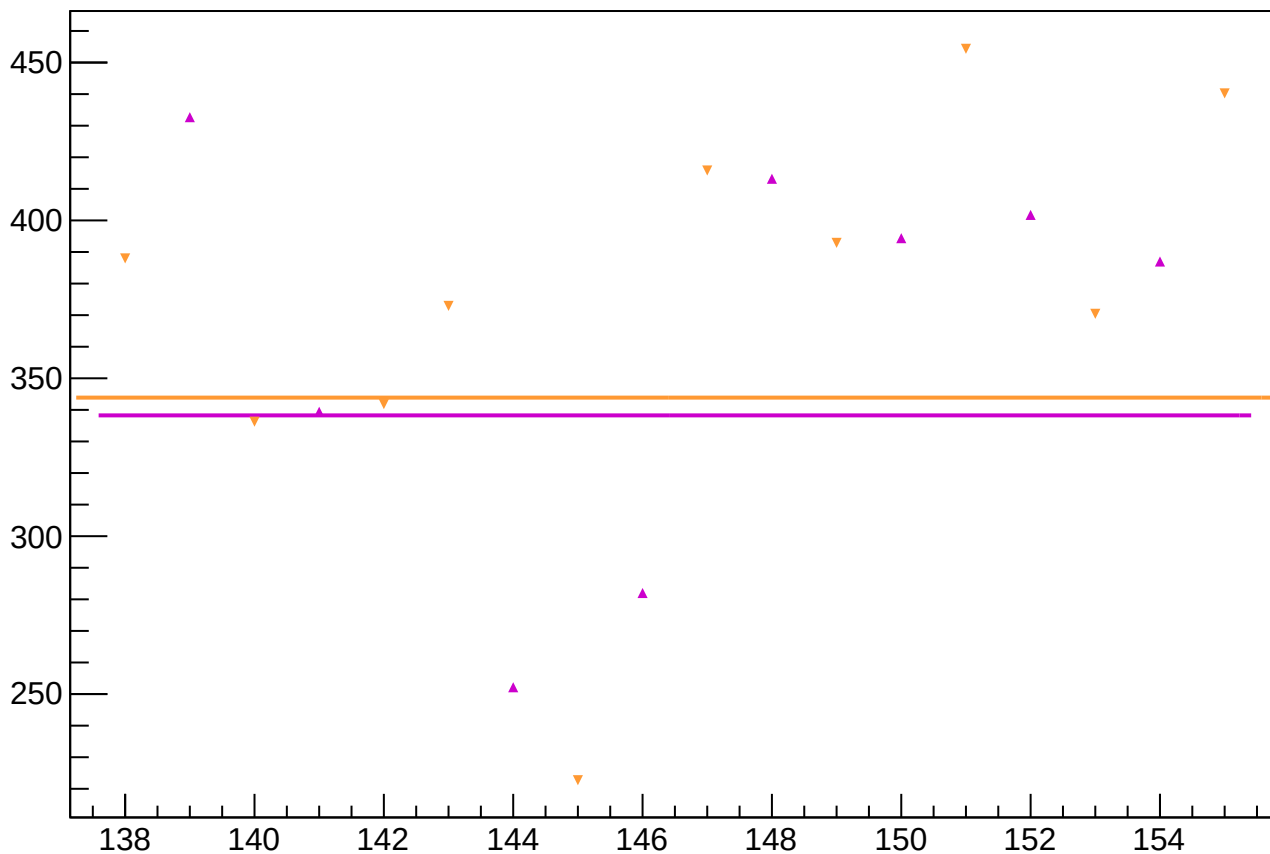
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -195.571+/-134.333 χ^2/NDF :11.6/7

Out: -480.129+/-130.544 χ^2/NDF :20.6/9

All: -341.920+/-93.619 χ^2/NDF : 34.5/17

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 343.885+/-0.092 χ^2/NDF : 721625.3/9

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

Left In: 338.258+/-0.095 χ^2/NDF : 485469.3/7

Left: 341.152+/-0.066 χ^2/NDF : 1208899.4/17

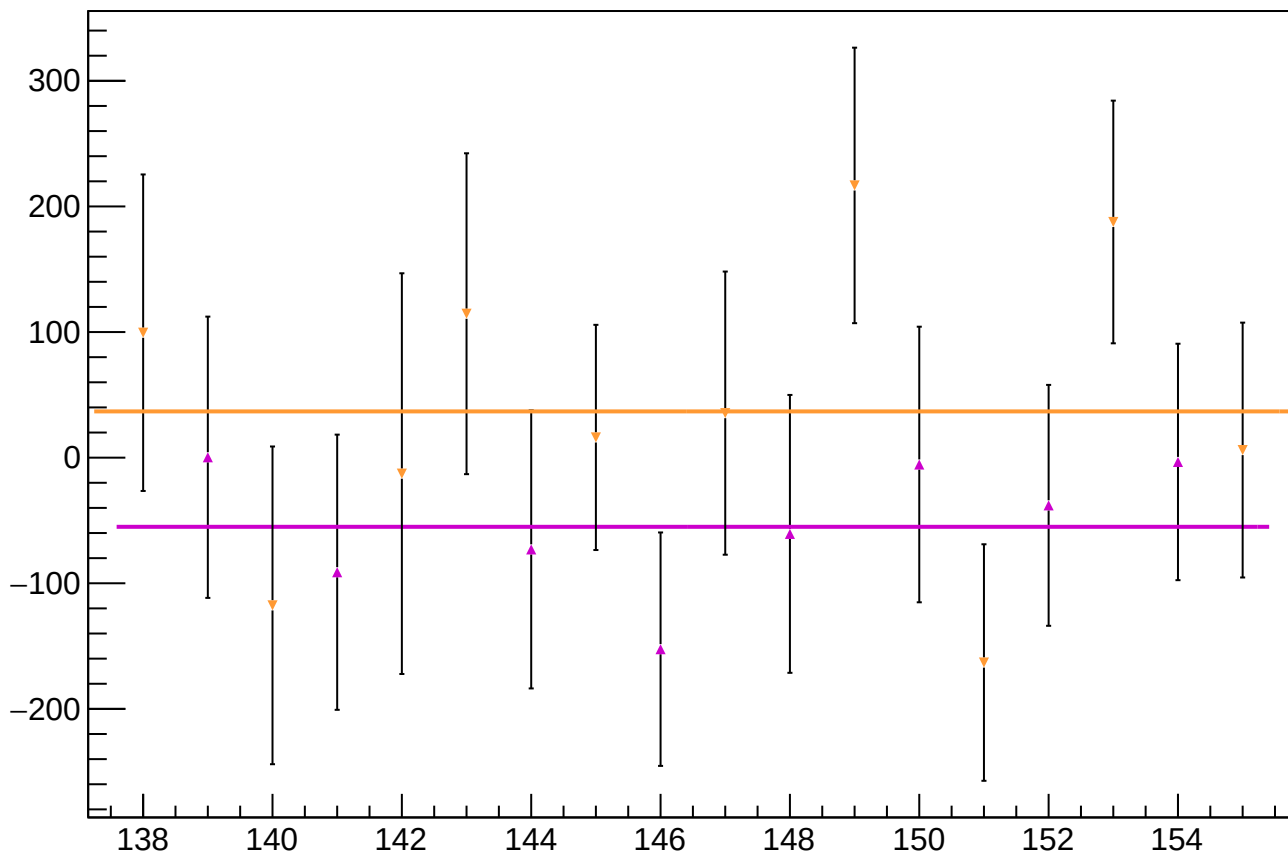
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 338.258+/-0.095 χ^2/NDF : 485469.3/7

Out: 343.885+/-0.092 χ^2/NDF : 721625.3/9

All: 341.152+/-0.066 χ^2/NDF : 1208899.4/17

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: 36.828+/-34.719 χ^2/NDF :12.0/9

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

Left In: -55.048+/-36.588 χ^2/NDF :2.0/7

Left: -6.704+/-25.185 χ^2/NDF : 17.3/17

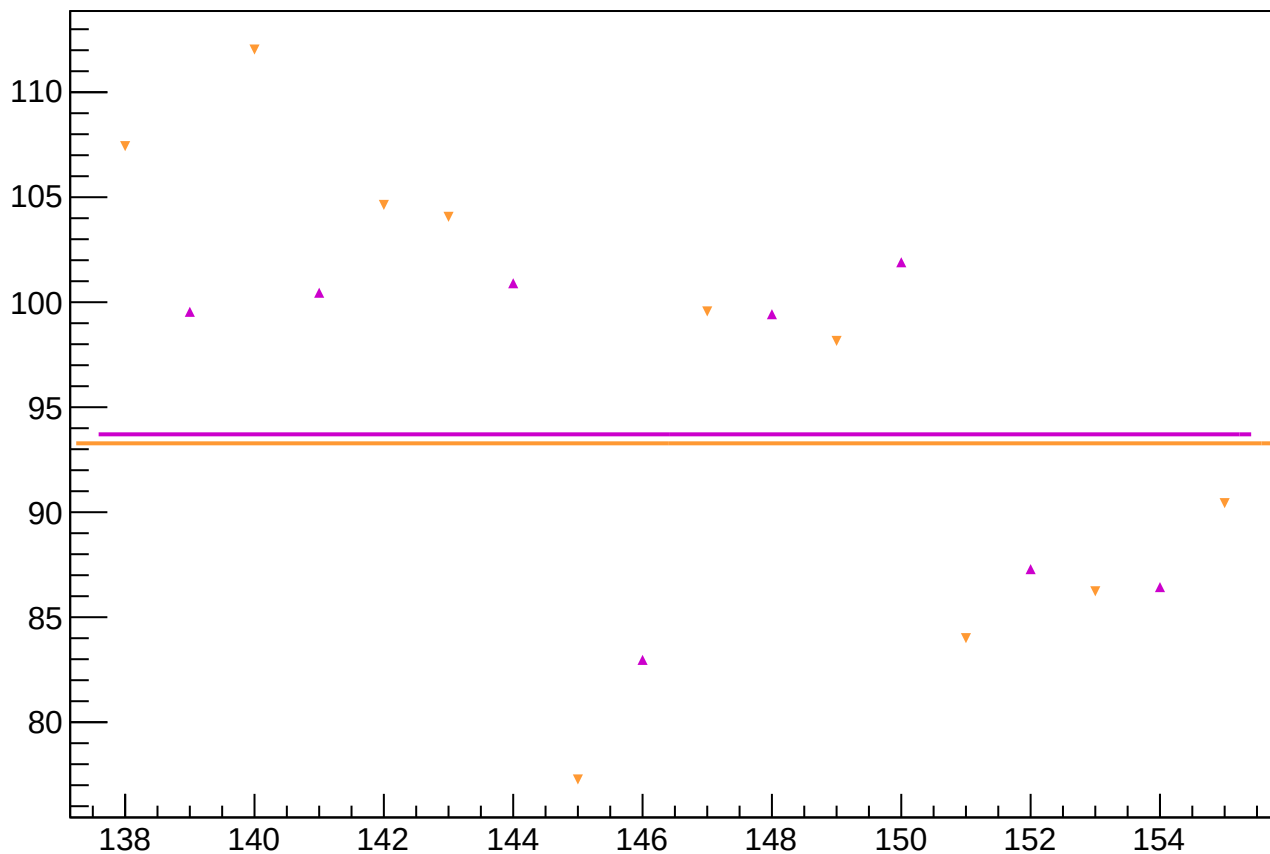
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.048+/-36.588 χ^2/NDF :2.0/7

Out: 36.828+/-34.719 χ^2/NDF :12.0/9

All: -6.704+/-25.185 χ^2/NDF : 17.3/17

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: 93.280+/-0.025 χ^2/NDF :199181.5/9

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

Left In: 93.709+/-0.026 χ^2/NDF :85601.4/7

Left: 93.483+/-0.018 χ^2/NDF : 284927.2/17

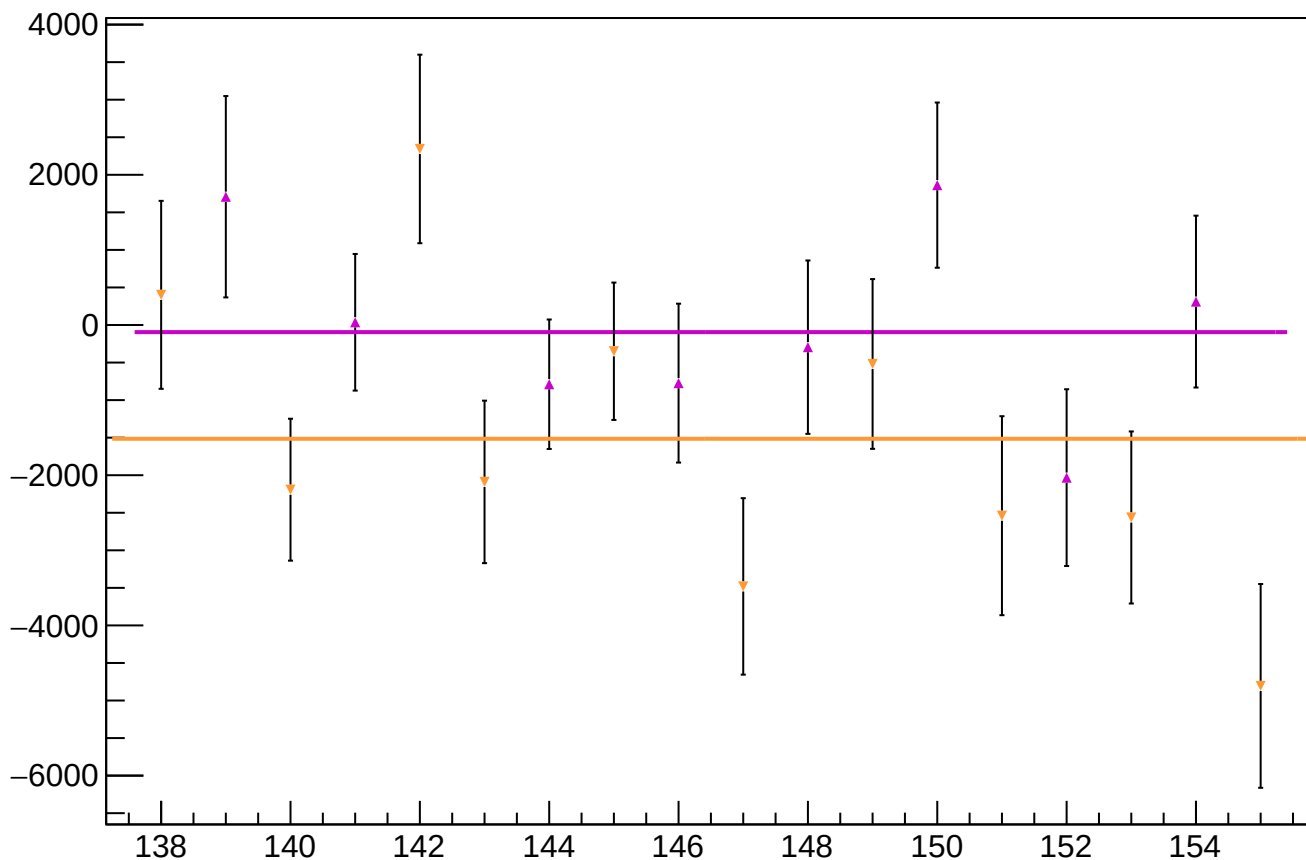
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.709+/-0.026 χ^2/NDF :85601.4/7

Out: 93.280+/-0.025 χ^2/NDF :199181.5/9

All: 93.483+/-0.018 χ^2/NDF : 284927.2/17

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: -1514.665+/-357.453 χ^2/NDF :25.1/9

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

Left In: -94.663+/-376.142 χ^2/NDF :8.9/7

Left: -840.818+/-259.113 χ^2/NDF : 41.5/17

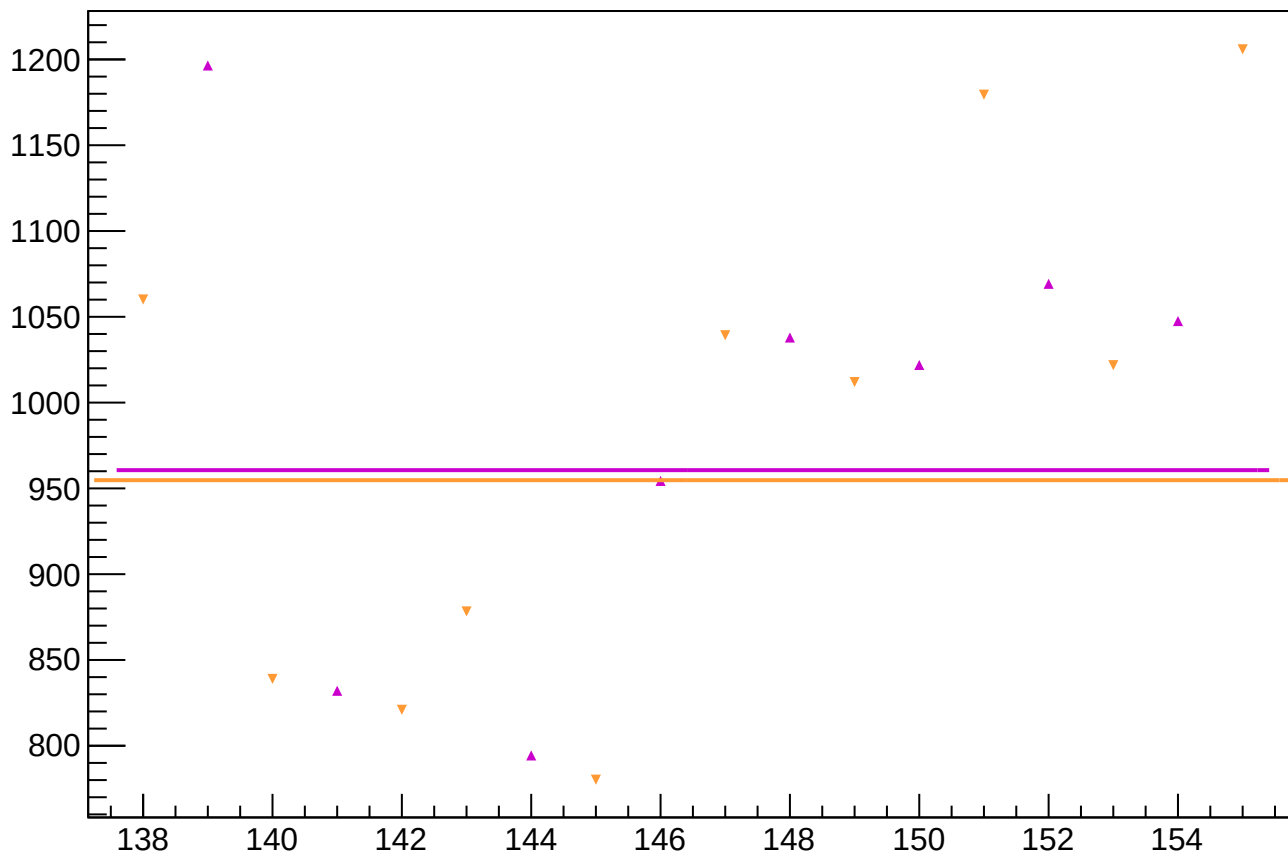
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -94.663+/-376.142 χ^2/NDF :8.9/7

Out: -1514.665+/-357.453 χ^2/NDF :25.1/9

All: -840.818+/-259.113 χ^2/NDF : 41.5/17

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: 954.777+/-0.253 χ^2/NDF :298184.4/9

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

Left In: 960.627+/-0.266 χ^2/NDF :220115.6/7

Left: 957.553+/-0.183 χ^2/NDF : 518554.1/17

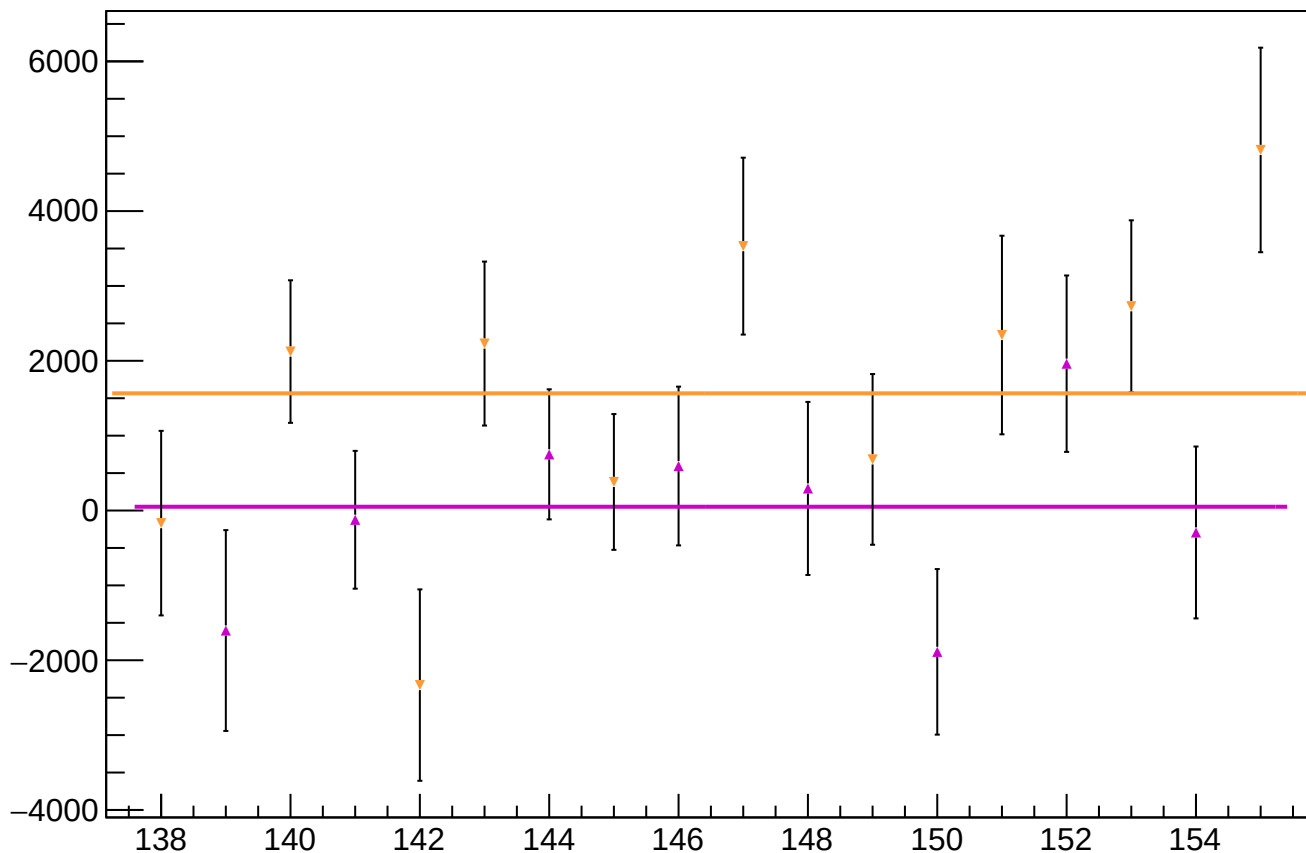
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 960.627+/-0.266 χ^2/NDF :220115.6/7

Out: 954.777+/-0.253 χ^2/NDF :298184.4/9

All: 957.553+/-0.183 χ^2/NDF : 518554.1/17

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1565.745+/-358.718 χ^2/NDF :24.1/9

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

Left In: 50.570+/-378.103 χ^2/NDF :8.3/7

Left: 847.991+/-260.235 χ^2/NDF : 40.8/17

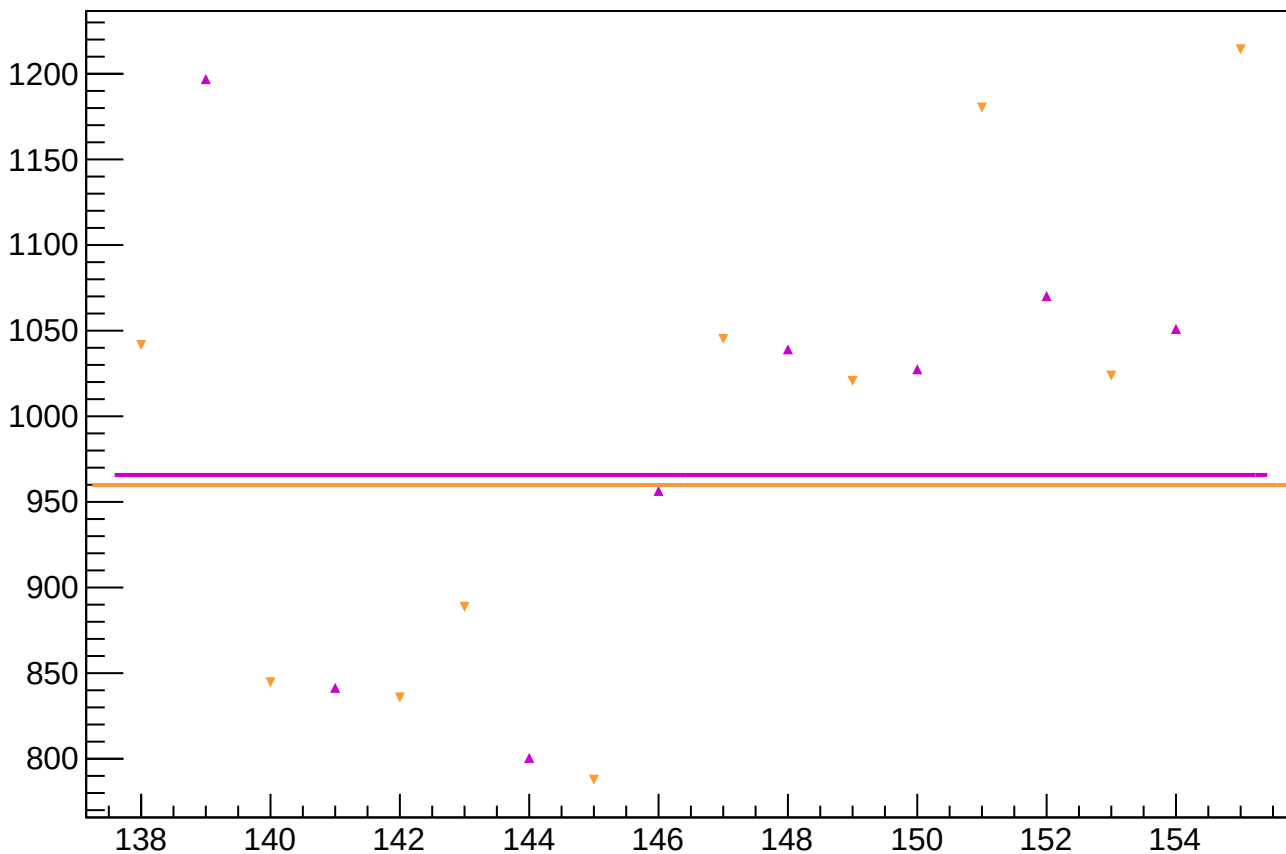
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 50.570+/-378.103 χ^2/NDF :8.3/7

Out: 1565.745+/-358.718 χ^2/NDF :24.1/9

All: 847.991+/-260.235 χ^2/NDF : 40.8/17

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 959.886+/-0.254 χ^2/NDF :284253.4/9

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

Left In: 965.751+/-0.267 χ^2/NDF :209418.7/7

Left: 962.665+/-0.184 χ^2/NDF : 493925.3/17

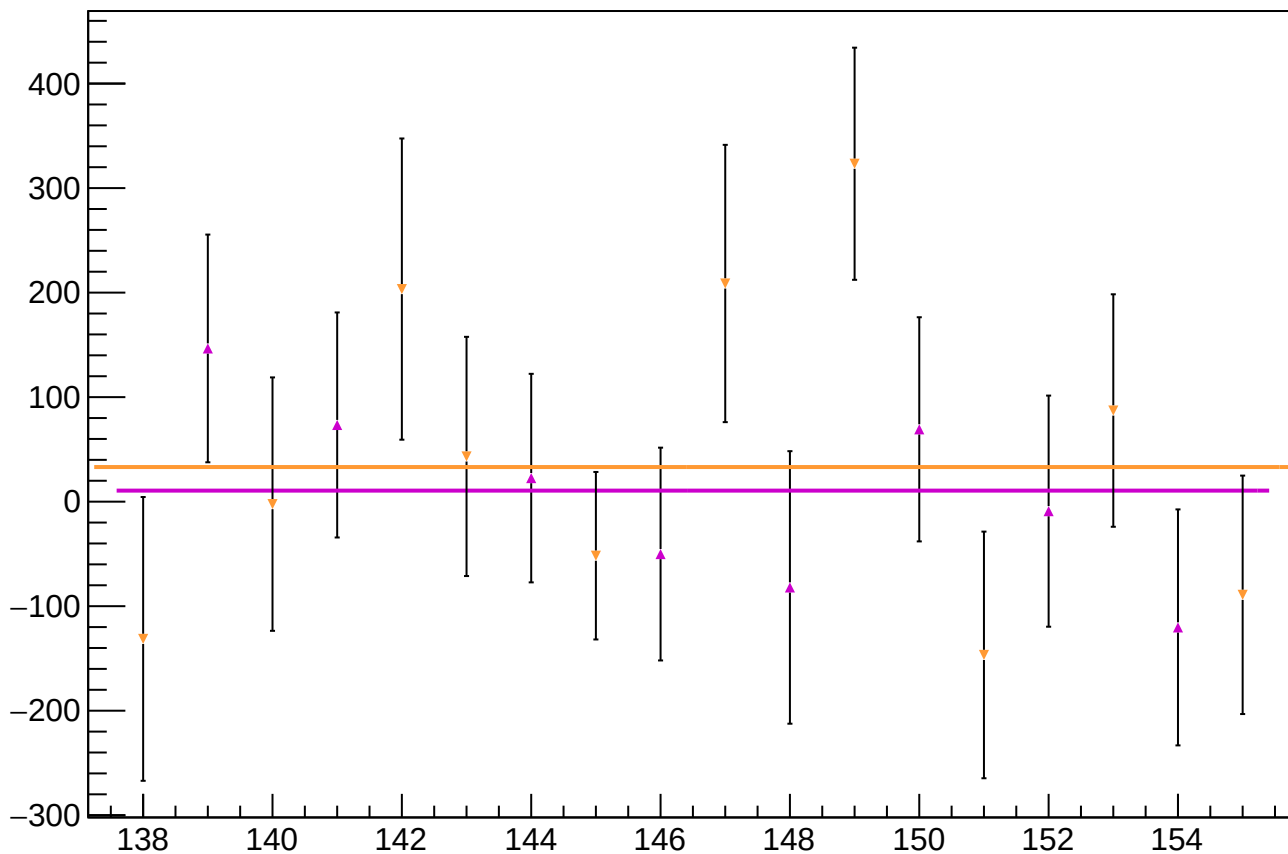
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 965.751+/-0.267 χ^2/NDF :209418.7/7

Out: 959.886+/-0.254 χ^2/NDF :284253.4/9

All: 962.665+/-0.184 χ^2/NDF : 493925.3/17

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 33.118 $\pm$ 36.036 χ^2 /NDF:16.4/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 10.568 $\pm$ 38.530 χ^2 /NDF:4.4/7

Left: 22.596 $\pm$ 26.319 χ^2 /NDF: 21.0/17

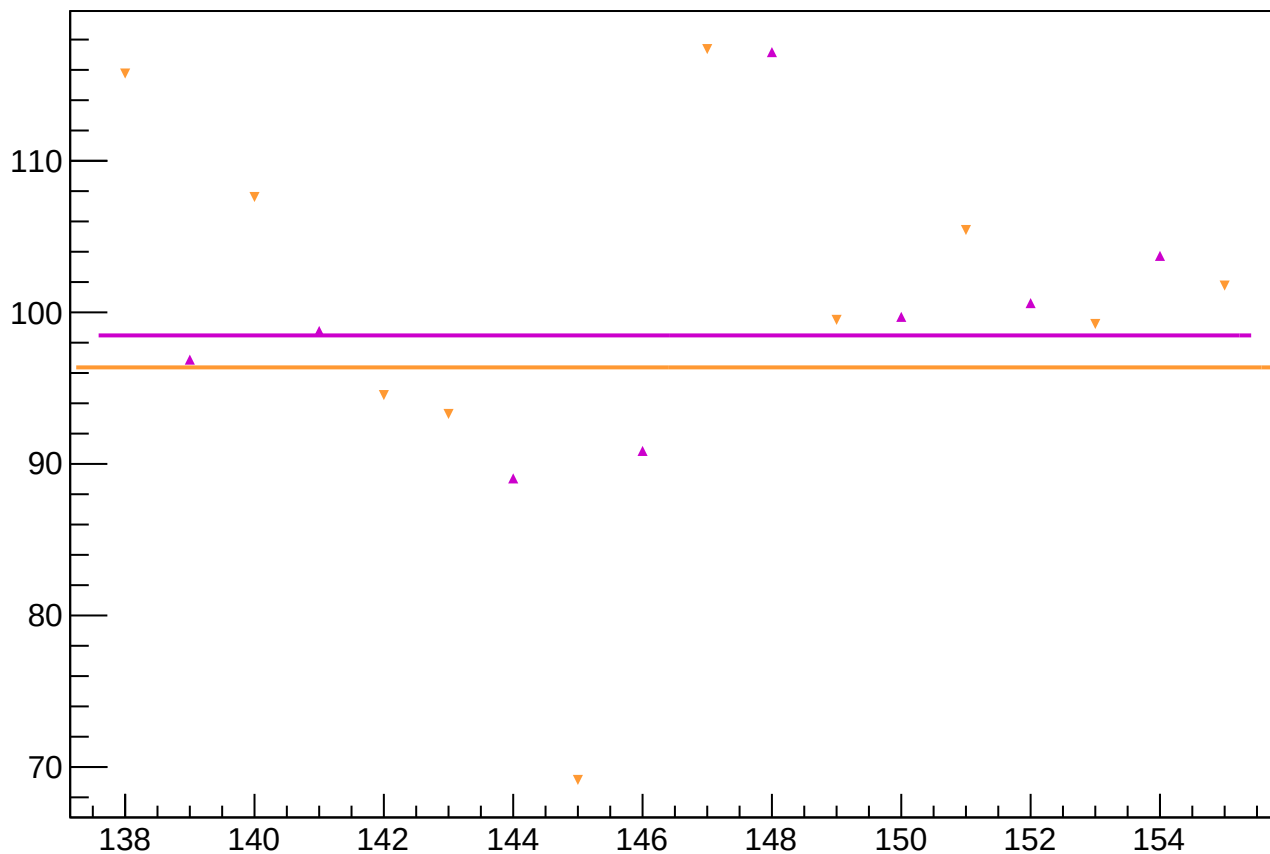
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.568 $\pm$ 38.530 χ^2 /NDF:4.4/7

Out: 33.118 $\pm$ 36.036 χ^2 /NDF:16.4/9

All: 22.596 $\pm$ 26.319 χ^2 /NDF: 21.0/17

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 96.370 $\pm$ 0.025 χ^2 /NDF:359916.5/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 98.480 $\pm$ 0.027 χ^2 /NDF:75990.6/7

Left: 97.354 $\pm$ 0.019 χ^2 /NDF: 439105.9/17

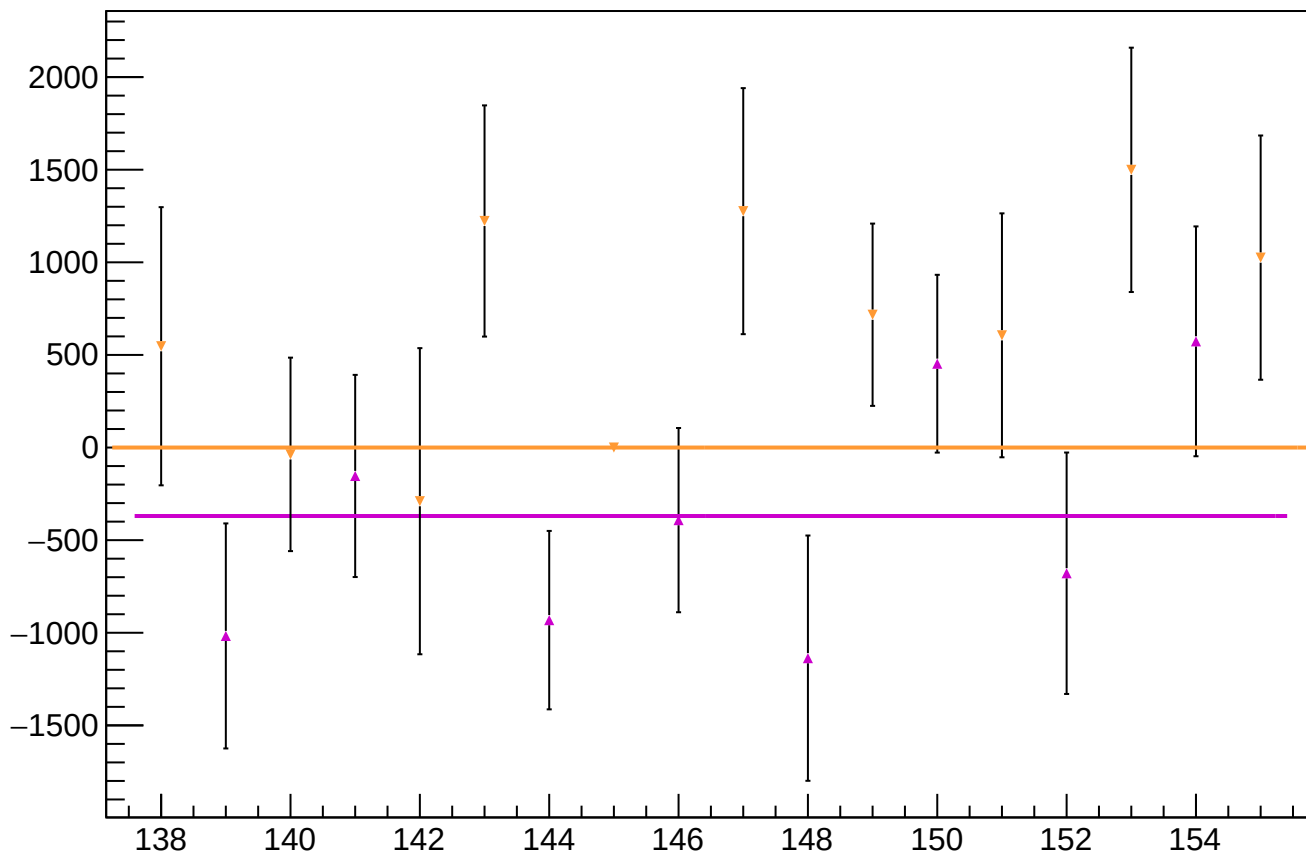
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 98.480 $\pm$ 0.027 χ^2 /NDF:75990.6/7

Out: 96.370 $\pm$ 0.025 χ^2 /NDF:359916.5/9

All: 97.354 $\pm$ 0.019 χ^2 /NDF: 439105.9/17

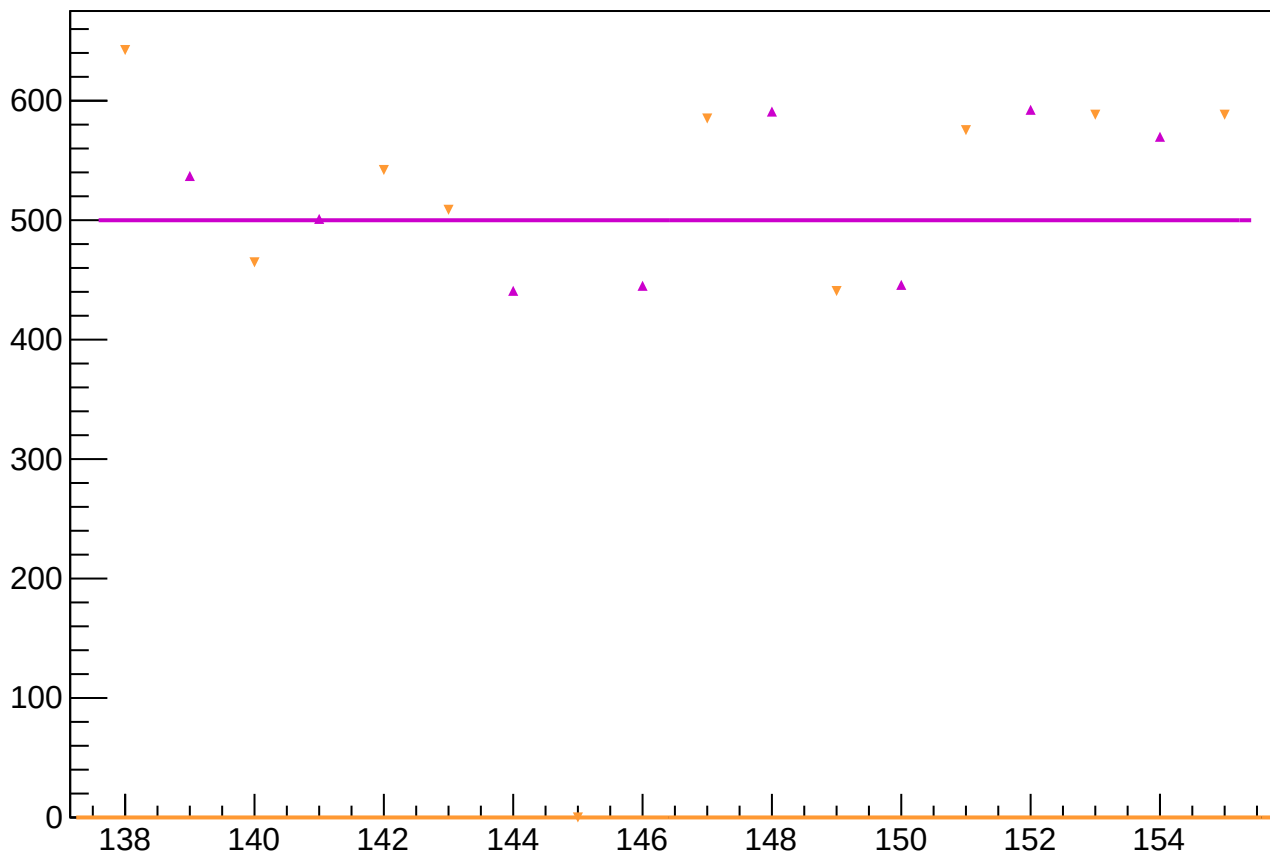
asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.000+/-0.000 χ^2/NDF : 18.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -369.638+/-196.135 χ^2/NDF : 9.5/7

Left: -0.000+/-0.000 χ^2/NDF : 31.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -369.638+/-196.135 χ^2/NDF : 9.5/7
 Out: -0.000+/-0.000 χ^2/NDF : 18.7/9
 All: -0.000+/-0.000 χ^2/NDF : 31.8/17

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF :13102769.3/9

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

Left In: 499.948+/-0.139 χ^2/NDF :190683.2/7

Left: 0.000+/-0.000 χ^2/NDF : 26288287.7/17

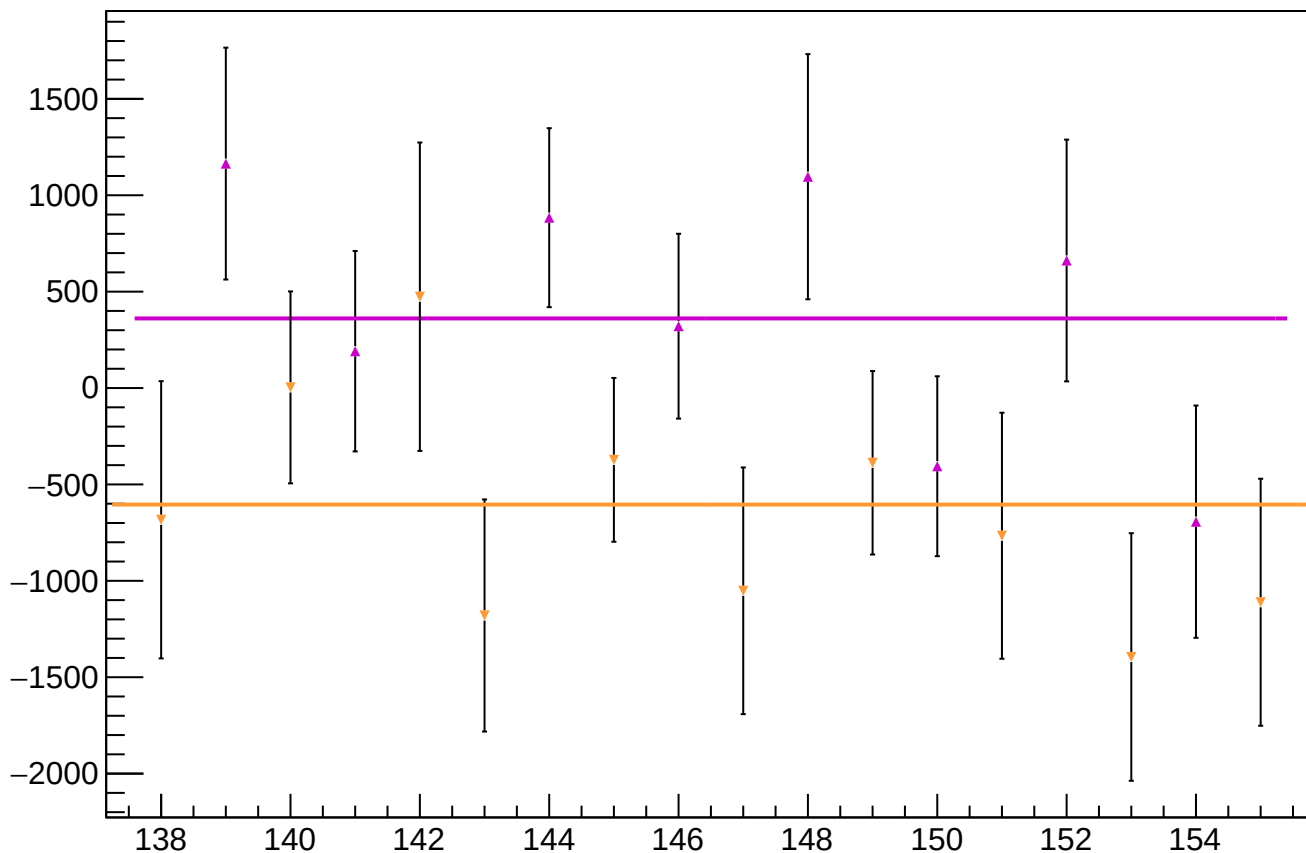
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 499.948+/-0.139 χ^2/NDF :190683.2/7

Out: 0.000+/-0.000 χ^2/NDF :13102769.3/9

All: 0.000+/-0.000 χ^2/NDF : 26288287.7/17

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -604.481+/-182.554 χ^2/NDF : 7.4/9

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

Left In: 361.055+/-189.582 χ^2/NDF : 10.5/7

Left: -139.942+/-131.499 χ^2/NDF : 31.4/17

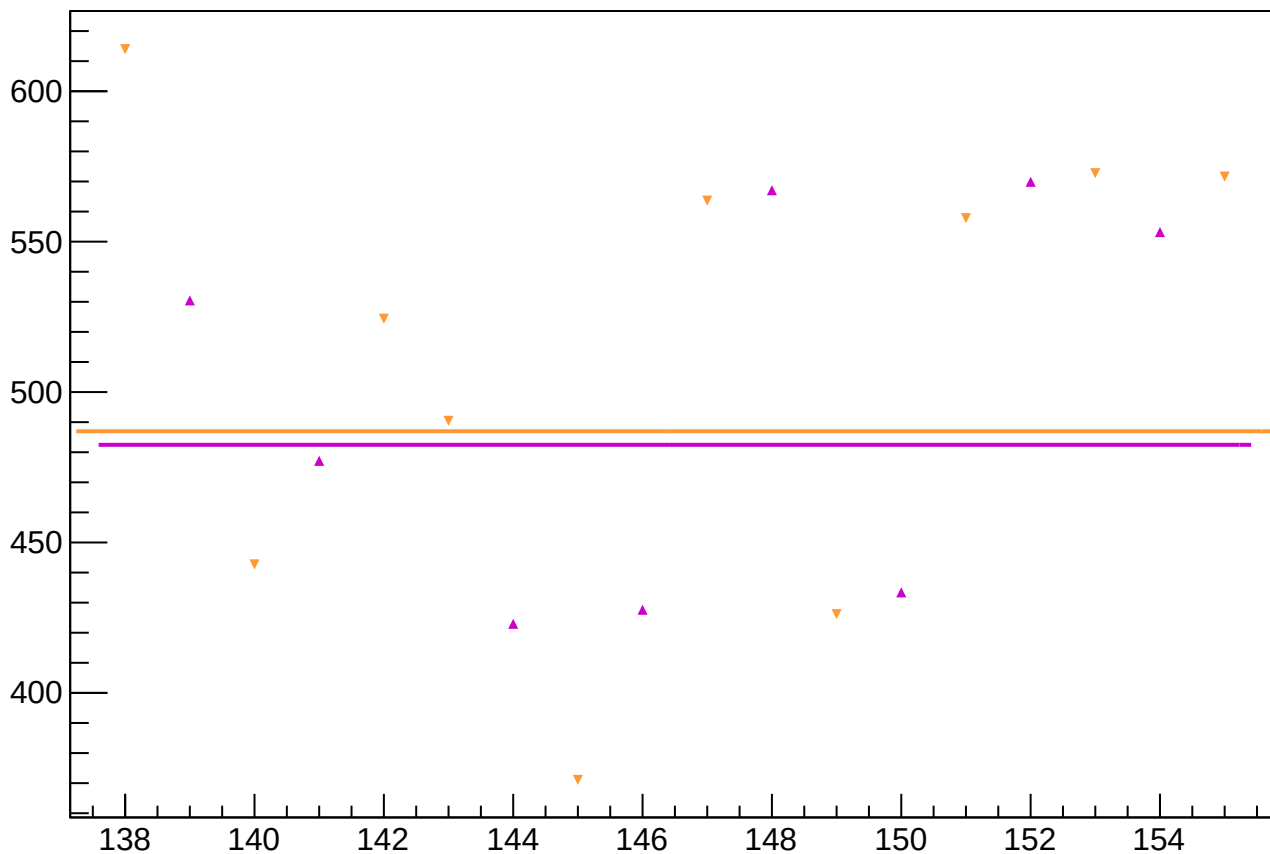
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.055+/-189.582 χ^2/NDF : 10.5/7

Out: -604.481+/-182.554 χ^2/NDF : 7.4/9

All: -139.942+/-131.499 χ^2/NDF : 31.4/17

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 486.970+/-0.129 χ^2/NDF :388037.0/9

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

Left In: 482.464+/-0.134 χ^2/NDF :195942.5/7

Left: 484.802+/-0.093 χ^2/NDF : 584565.8/17

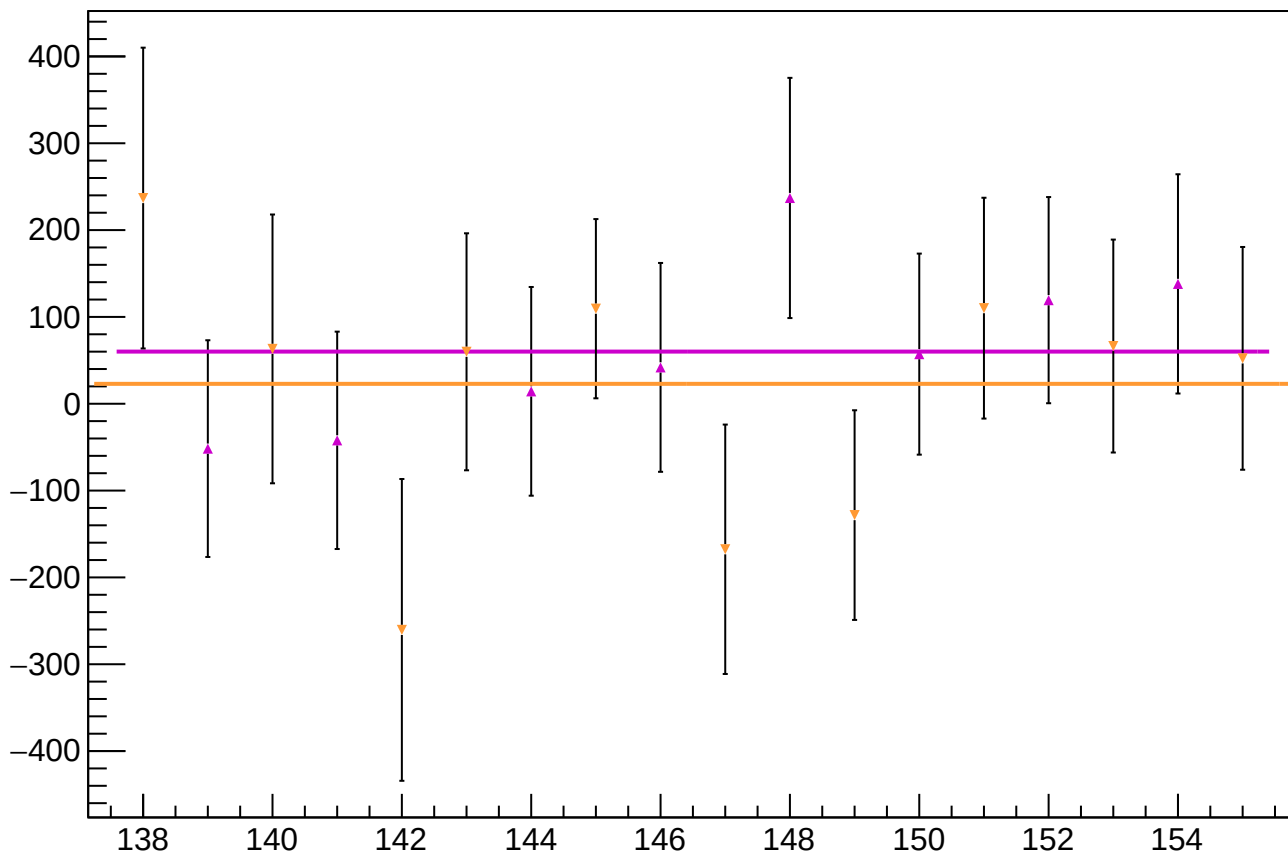
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 482.464+/-0.134 χ^2/NDF :195942.5/7

Out: 486.970+/-0.129 χ^2/NDF :388037.0/9

All: 484.802+/-0.093 χ^2/NDF : 584565.8/17

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 22.921+/-42.183 χ^2/NDF : 9.0/9

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

Left In: 60.072+/-43.563 χ^2/NDF : 3.9/7

Left: 40.899+/-30.304 χ^2/NDF : 13.3/17

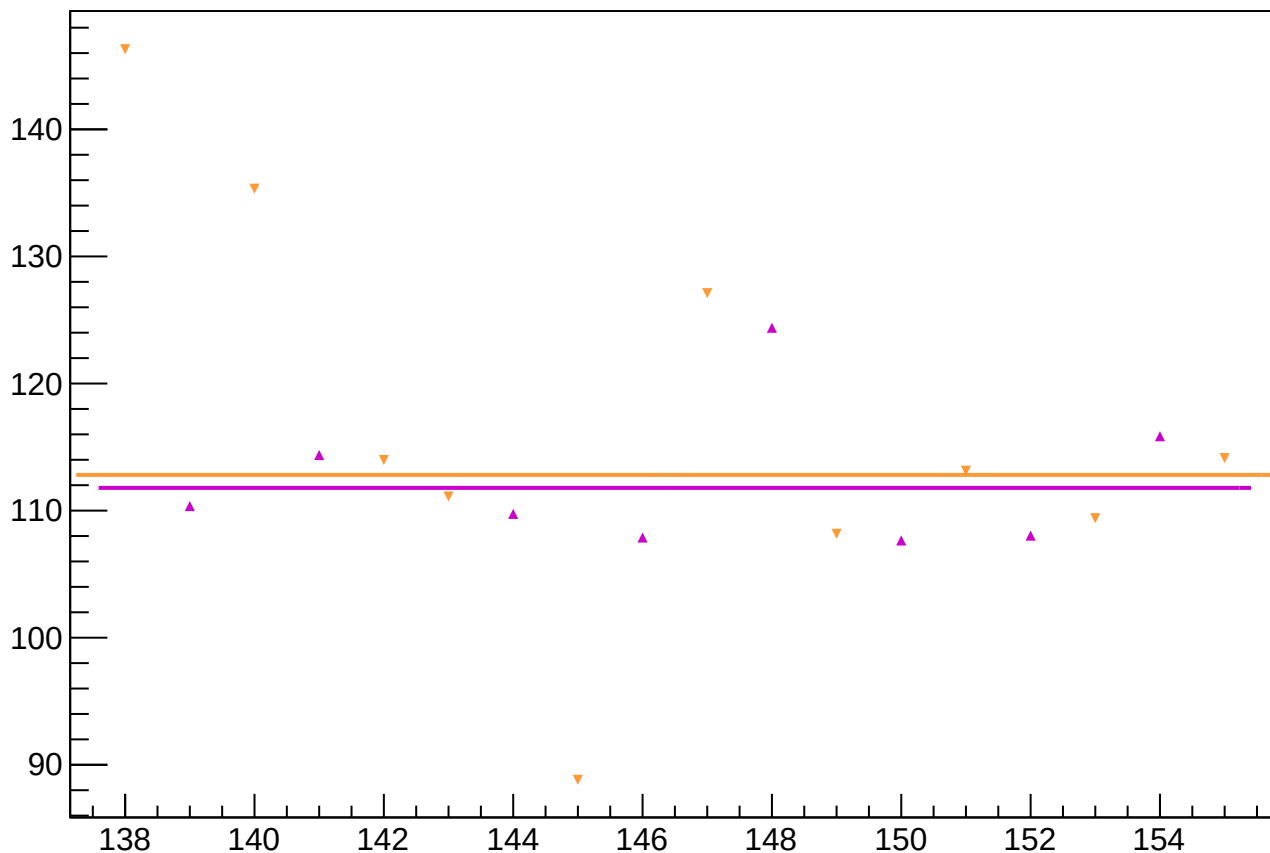
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.072+/-43.563 χ^2/NDF : 3.9/7

Out: 22.921+/-42.183 χ^2/NDF : 9.0/9

All: 40.899+/-30.304 χ^2/NDF : 13.3/17

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.811+/-0.030 χ^2/NDF :250180.3/9

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

Left In: 111.790+/-0.031 χ^2/NDF :27024.7/7

Left: 112.317+/-0.021 χ^2/NDF : 277772.1/17

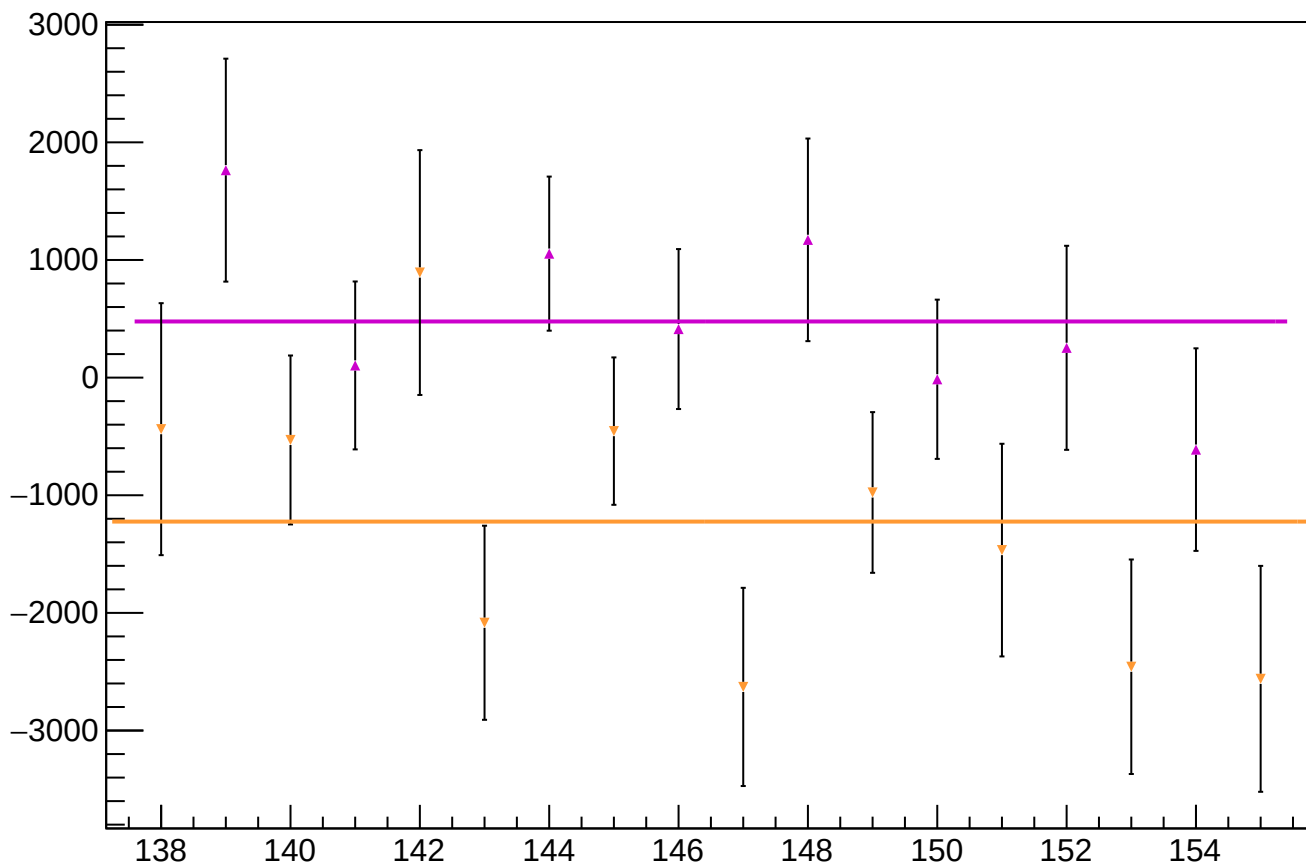
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 111.790+/-0.031 χ^2/NDF :27024.7/7

Out: 112.811+/-0.030 χ^2/NDF :250180.3/9

All: 112.317+/-0.021 χ^2/NDF : 277772.1/17

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1223.831+/-259.789 χ^2/NDF :15.0/9

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

Left In: 477.227+/-269.375 χ^2/NDF :5.7/7

Left: -404.106+/-186.996 χ^2/NDF : 41.4/17

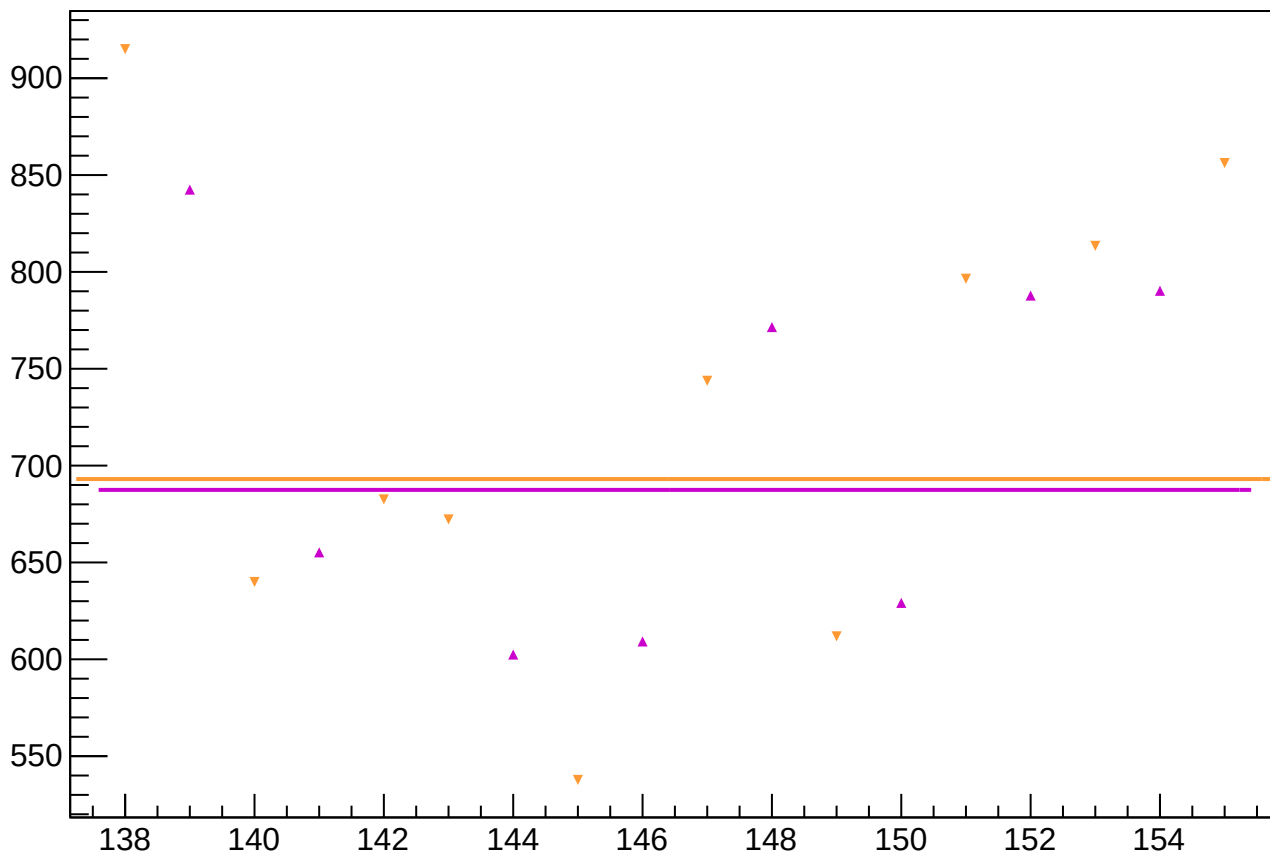
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 477.227+/-269.375 χ^2/NDF :5.7/7

Out: -1223.831+/-259.789 χ^2/NDF :15.0/9

All: -404.106+/-186.996 χ^2/NDF : 41.4/17

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 693.059+/-0.184 χ^2/NDF :375598.4/9

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

Left In: 687.468+/-0.190 χ^2/NDF :206968.9/7

Left: 690.365+/-0.132 χ^2/NDF : 583013.7/17

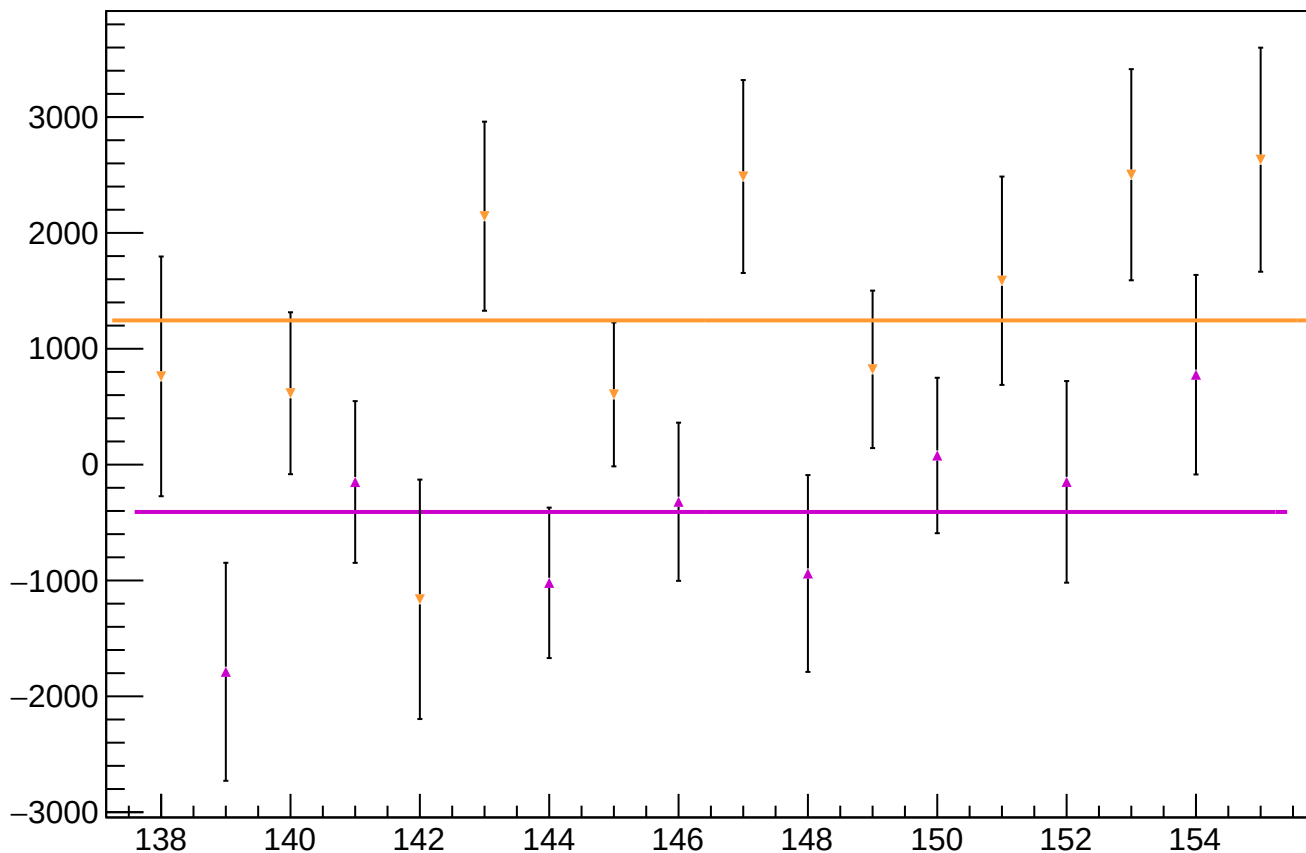
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 687.468+/-0.190 χ^2/NDF :206968.9/7

Out: 693.059+/-0.184 χ^2/NDF :375598.4/9

All: 690.365+/-0.132 χ^2/NDF : 583013.7/17

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1244.829+/-257.068 χ^2/NDF : 15.4/9

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

Left In: -408.640+/-267.489 χ^2/NDF : 6.1/7

Left: 450.932+/-185.349 χ^2/NDF : 41.4/17

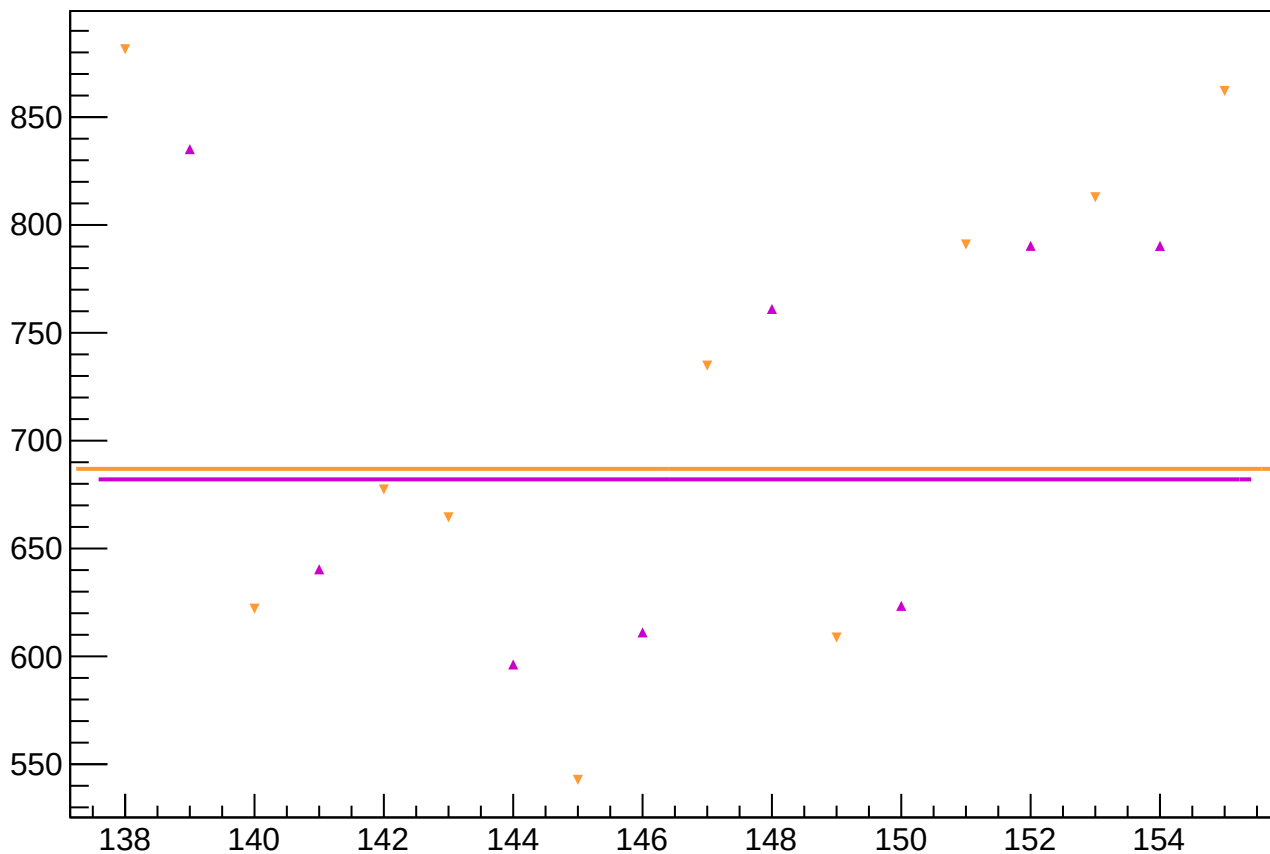
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -408.640+/-267.489 χ^2/NDF : 6.1/7

Out: 1244.829+/-257.068 χ^2/NDF : 15.4/9

All: 450.932+/-185.349 χ^2/NDF : 41.4/17

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 686.926+/-0.182 χ^2/NDF :361069.7/9

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

Left In: 682.054+/-0.189 χ^2/NDF :211764.5/7

Left: 684.587+/-0.131 χ^2/NDF : 573179.0/17

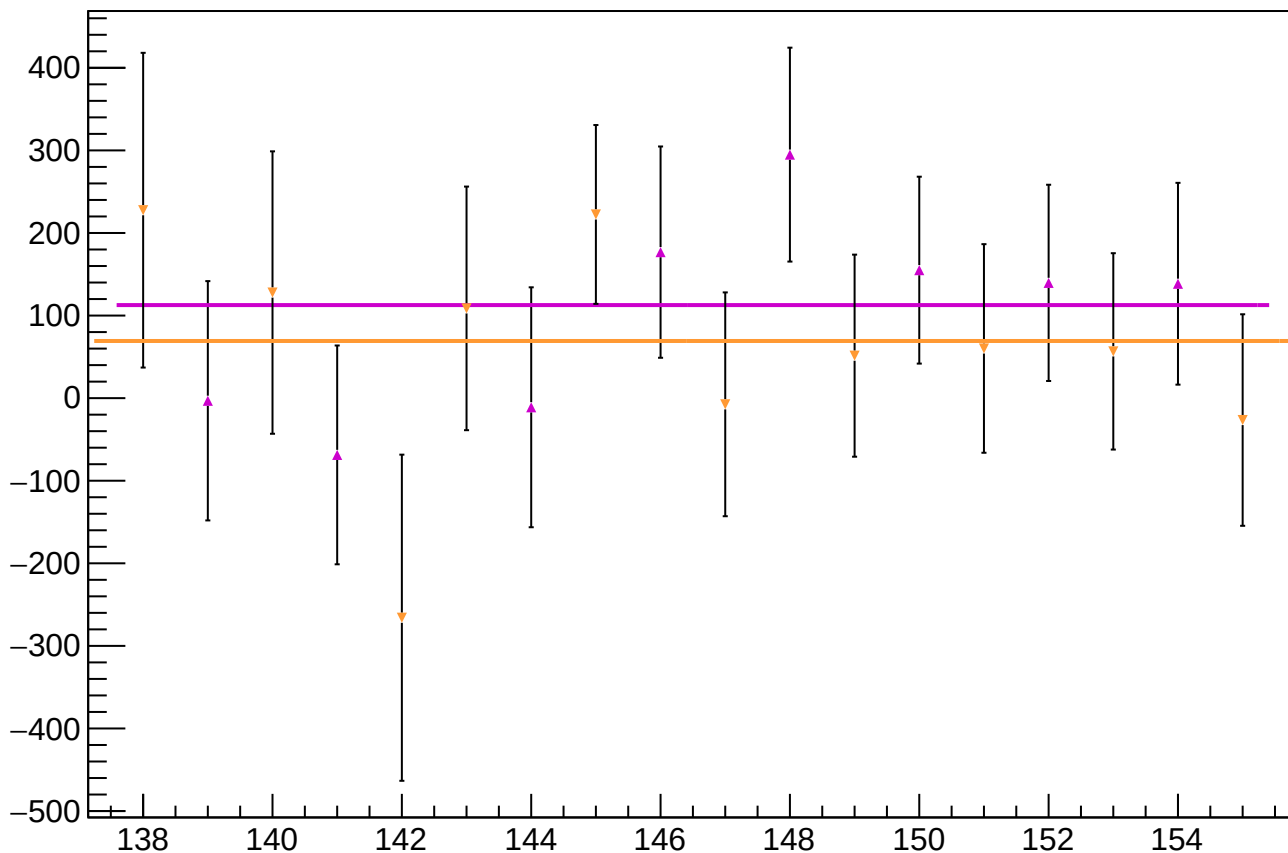
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 682.054+/-0.189 χ^2/NDF :211764.5/7

Out: 686.926+/-0.182 χ^2/NDF :361069.7/9

All: 684.587+/-0.131 χ^2/NDF : 573179.0/17

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 69.223+/-43.262 χ^2/NDF : 6.7/9

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

Left In: 112.692+/-45.239 χ^2/NDF : 5.7/7

Left: 89.987+/-31.266 χ^2/NDF : 12.9/17

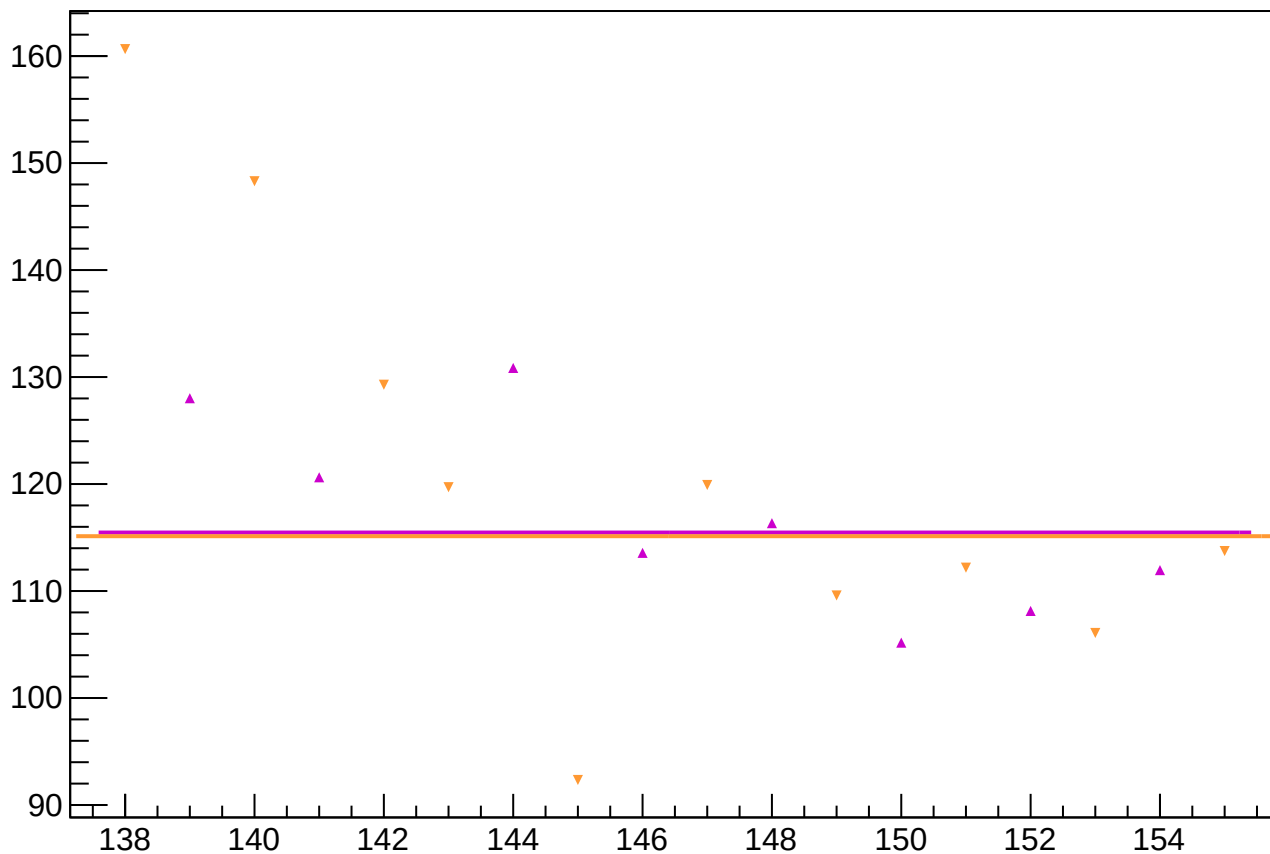
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 112.692+/-45.239 χ^2/NDF : 5.7/7

Out: 69.223+/-43.262 χ^2/NDF : 6.7/9

All: 89.987+/-31.266 χ^2/NDF : 12.9/17

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 115.124+/-0.031 χ^2/NDF :309715.9/9

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

Left In: 115.465+/-0.032 χ^2/NDF :66815.9/7

Left: 115.287+/-0.022 χ^2/NDF : 376591.3/17

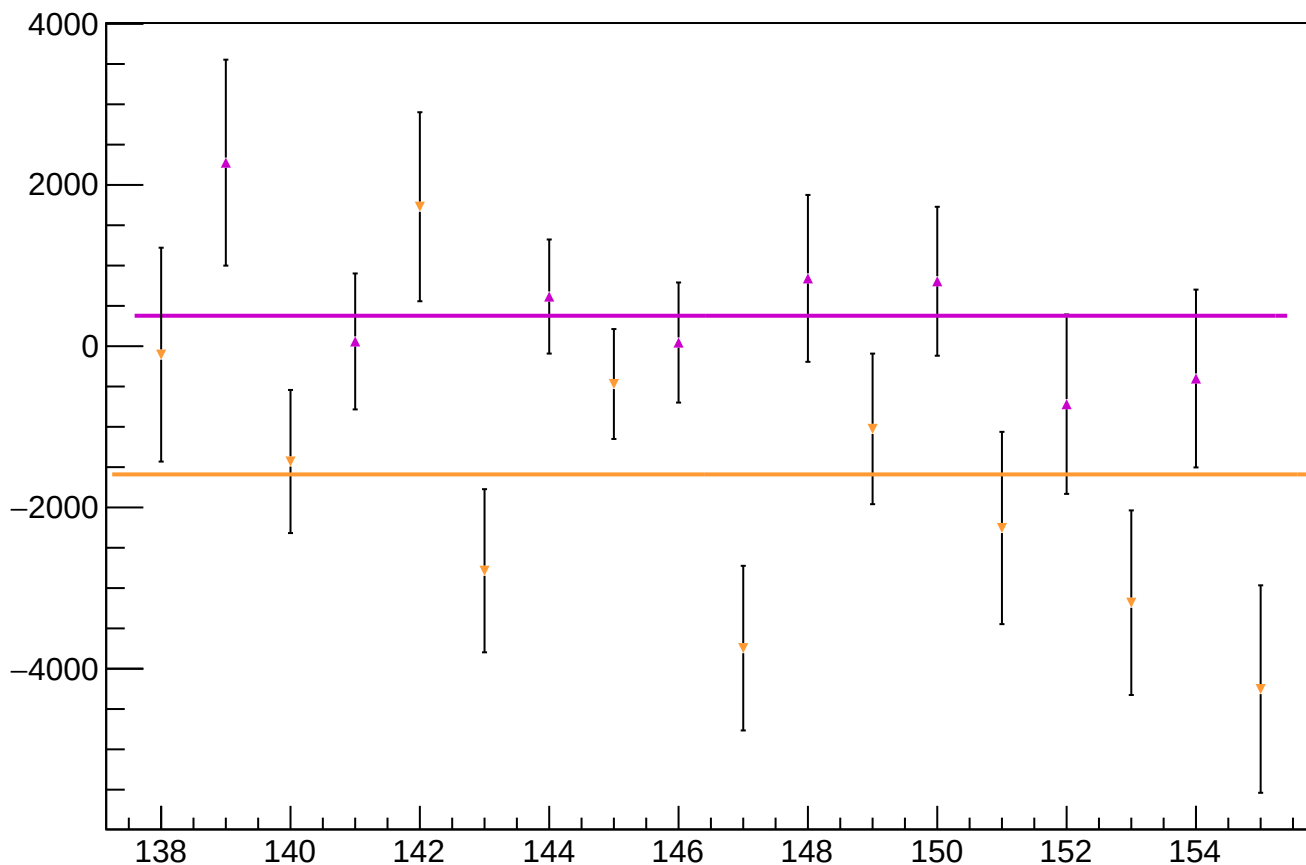
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 115.465+/-0.032 χ^2/NDF :66815.9/7

Out: 115.124+/-0.031 χ^2/NDF :309715.9/9

All: 115.287+/-0.022 χ^2/NDF : 376591.3/17

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1590.067+/-318.272 χ^2/NDF :24.8/9

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

Left In: 377.730+/-323.483 χ^2/NDF :4.6/7

Left: -622.146+/-226.872 χ^2/NDF : 48.1/17

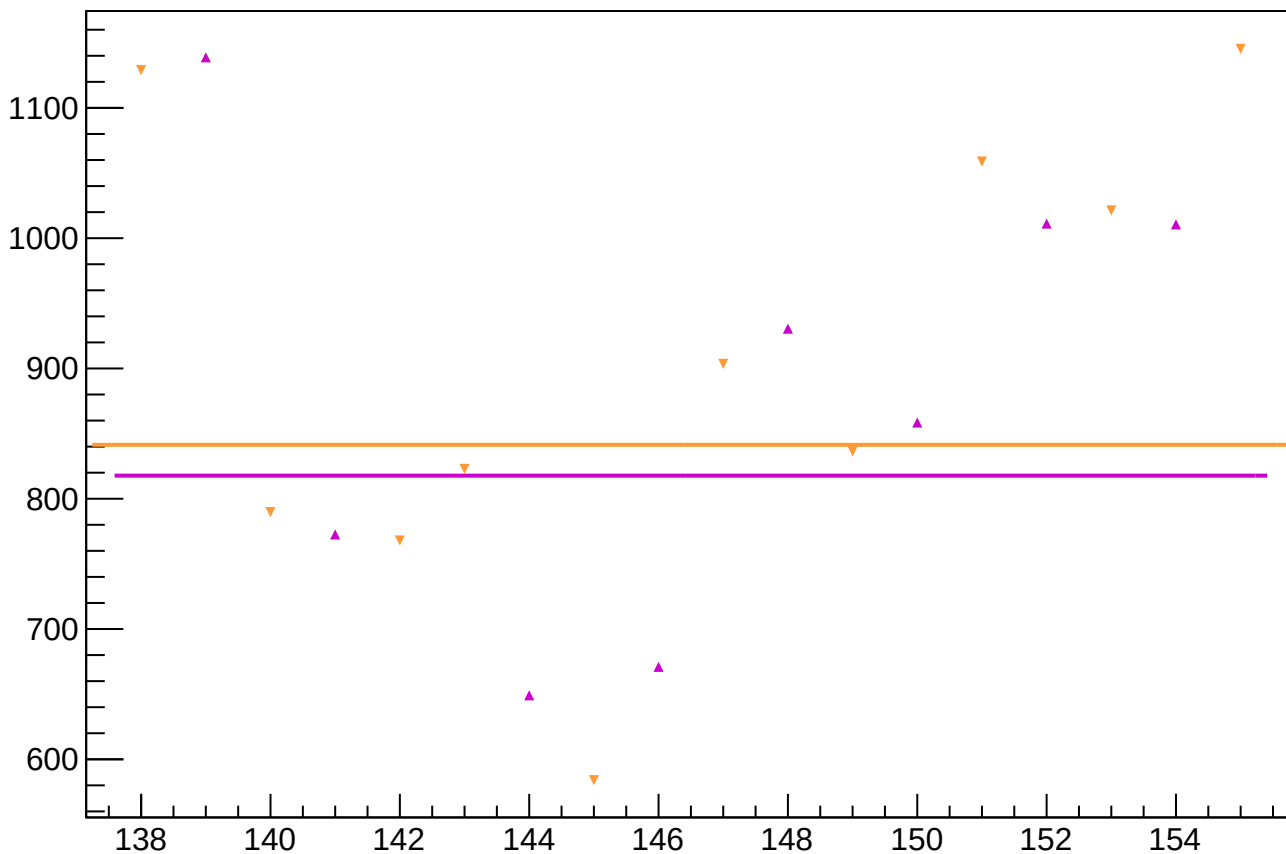
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 377.730+/-323.483 χ^2/NDF :4.6/7

Out: -1590.067+/-318.272 χ^2/NDF :24.8/9

All: -622.146+/-226.872 χ^2/NDF : 48.1/17

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 841.403+/-0.225 χ^2/NDF :629591.1/9

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

Left In: 817.740+/-0.229 χ^2/NDF :472784.9/7

Left: 829.764+/-0.160 χ^2/NDF : 1107813.9/17

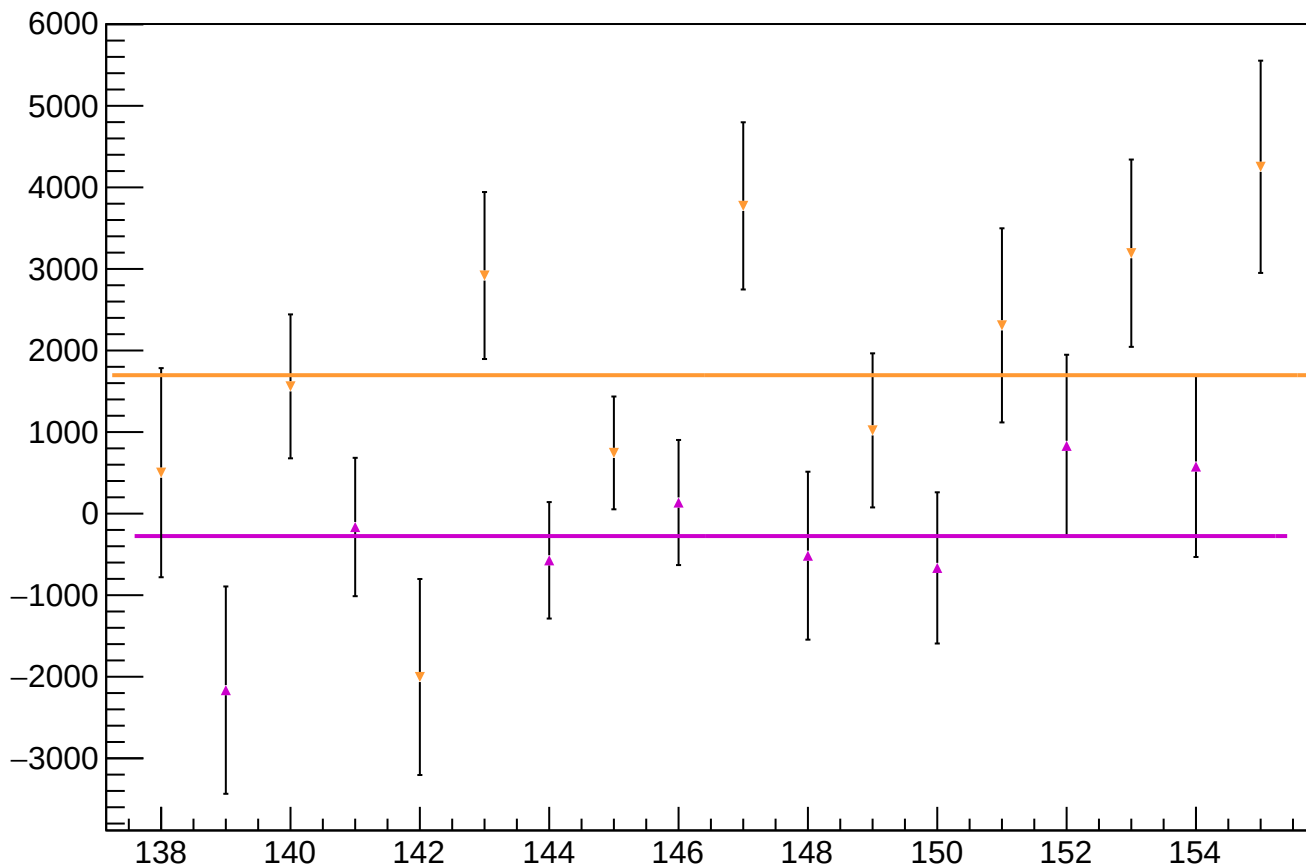
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 817.740+/-0.229 χ^2/NDF :472784.9/7

Out: 841.403+/-0.225 χ^2/NDF :629591.1/9

All: 829.764+/-0.160 χ^2/NDF : 1107813.9/17

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1697.284+/-320.120 χ^2/NDF :24.1/9

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

Left In: -275.149+/-326.305 χ^2/NDF :4.5/7

Left: 729.940+/-228.514 χ^2/NDF : 47.2/17

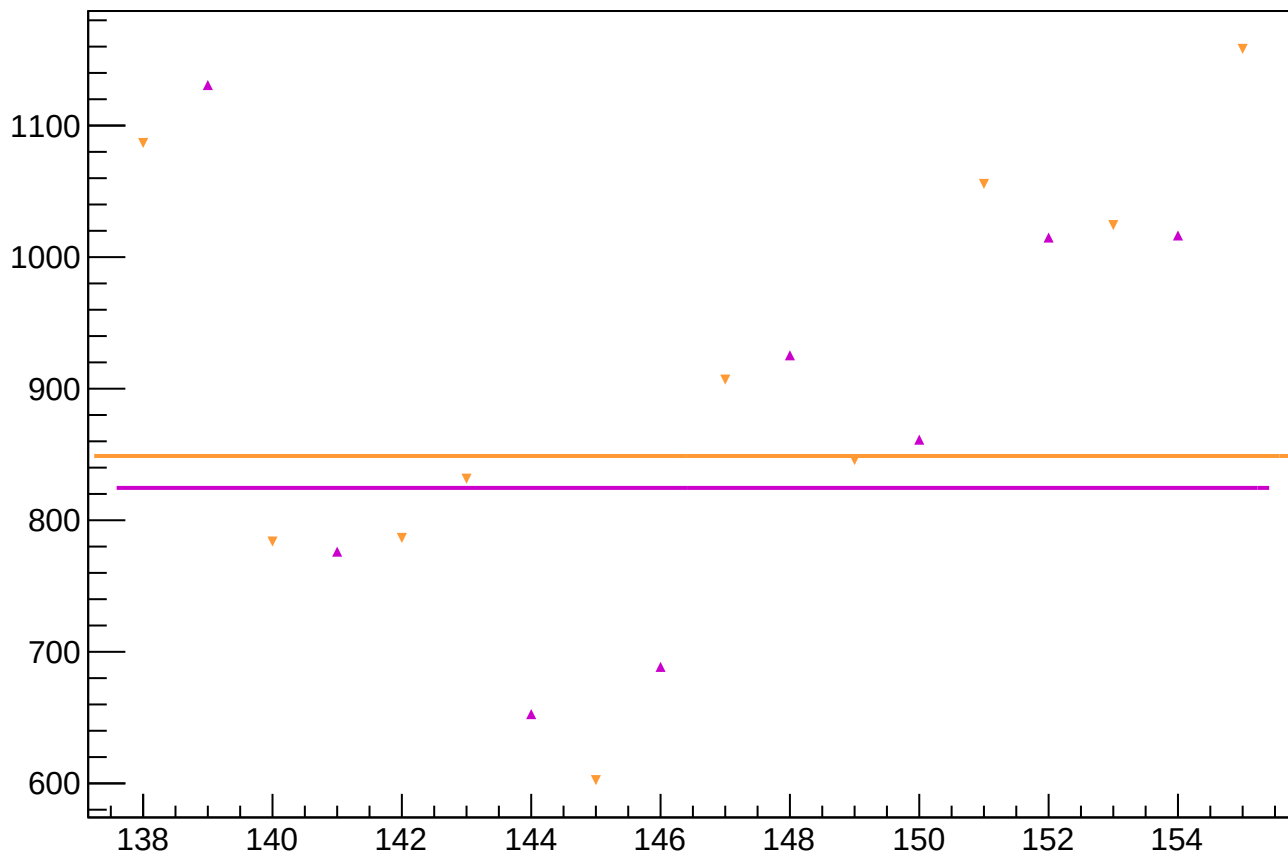
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.149+/-326.305 χ^2/NDF :4.5/7

Out: 1697.284+/-320.120 χ^2/NDF :24.1/9

All: 729.940+/-228.514 χ^2/NDF : 47.2/17

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 848.836+/-0.226 χ^2/NDF :566197.0/9

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

Left In: 824.593+/-0.231 χ^2/NDF :441675.3/7

Left: 836.947+/-0.162 χ^2/NDF : 1013497.9/17

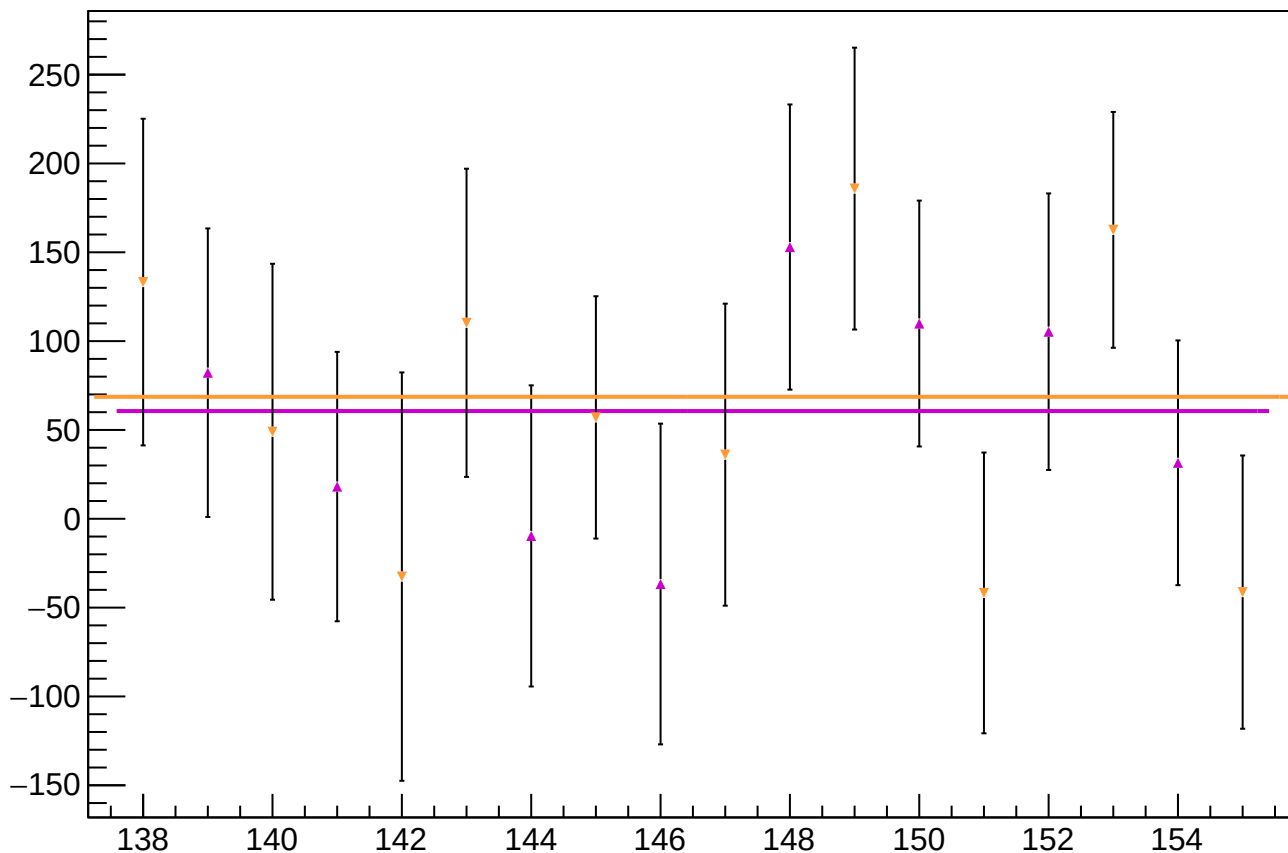
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 824.593+/-0.231 χ^2/NDF :441675.3/7

Out: 848.836+/-0.226 χ^2/NDF :566197.0/9

All: 836.947+/-0.162 χ^2/NDF : 1013497.9/17

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 68.654+/-25.757 χ^2/NDF :9.9/9

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

Left In: 60.645+/-27.446 χ^2/NDF :4.6/7

Left: 64.904+/-18.781 χ^2/NDF : 14.5/17

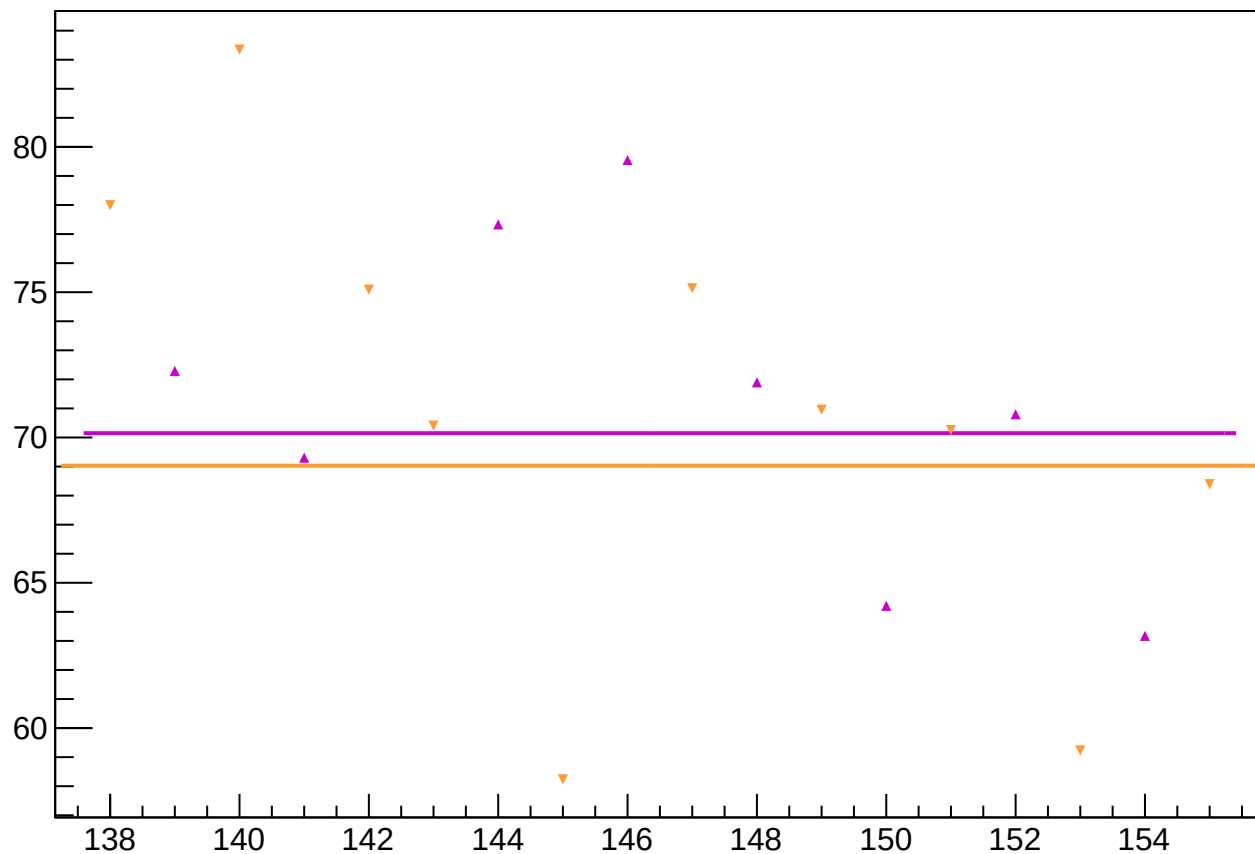
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.645+/-27.446 χ^2/NDF :4.6/7

Out: 68.654+/-25.757 χ^2/NDF :9.9/9

All: 64.904+/-18.781 χ^2/NDF : 14.5/17

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 69.029+/-0.018 χ^2/NDF :176762.6/9

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

Left In: 70.148+/-0.019 χ^2/NDF :74057.0/7

Left: 69.553+/-0.013 χ^2/NDF : 252587.3/17

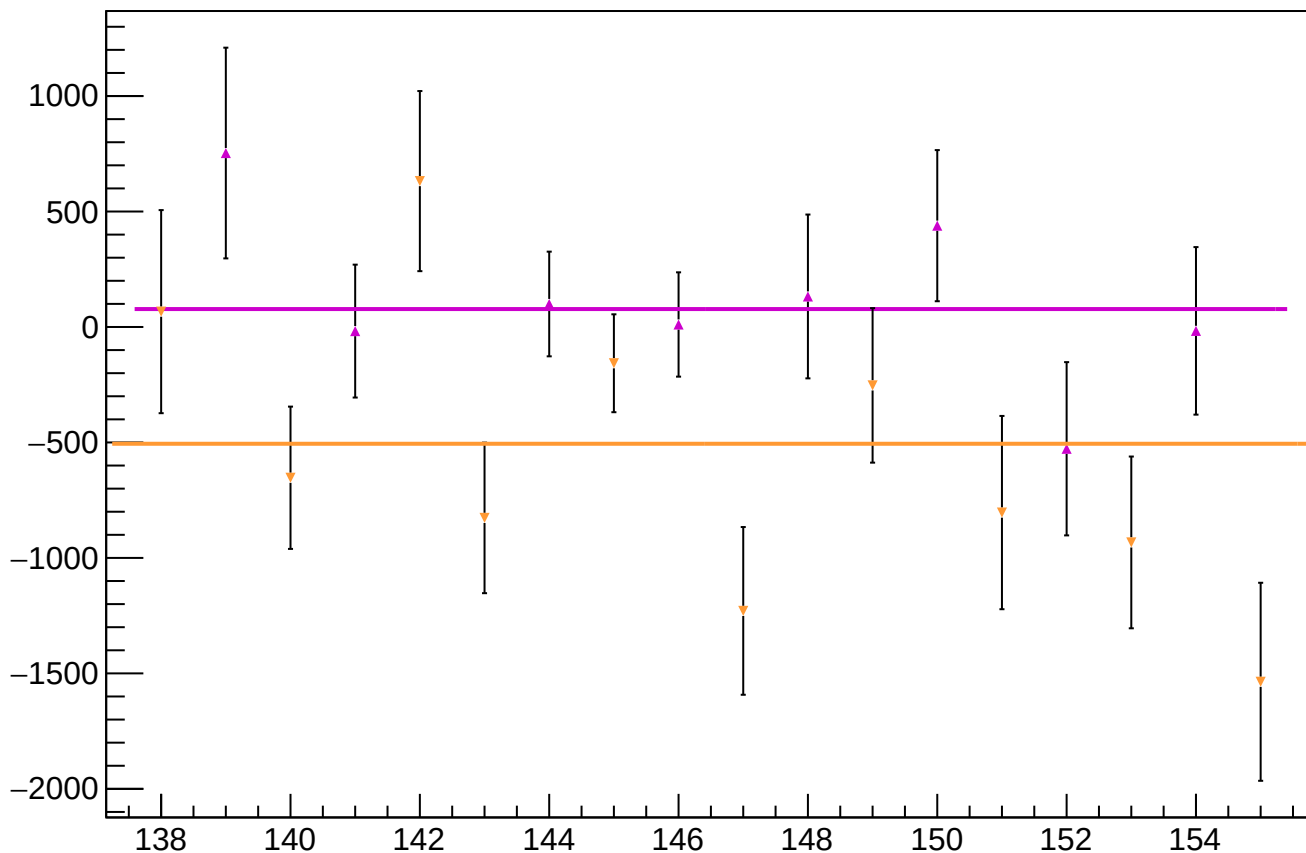
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.148+/-0.019 χ^2/NDF :74057.0/7

Out: 69.029+/-0.018 χ^2/NDF :176762.6/9

All: 69.553+/-0.013 χ^2/NDF : 252587.3/17

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -505.684+/-106.090 χ^2/NDF :26.2/9

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

Left In: 77.627+/-106.634 χ^2/NDF :6.3/7

Left: -215.522+/-75.209 χ^2/NDF : 47.6/17

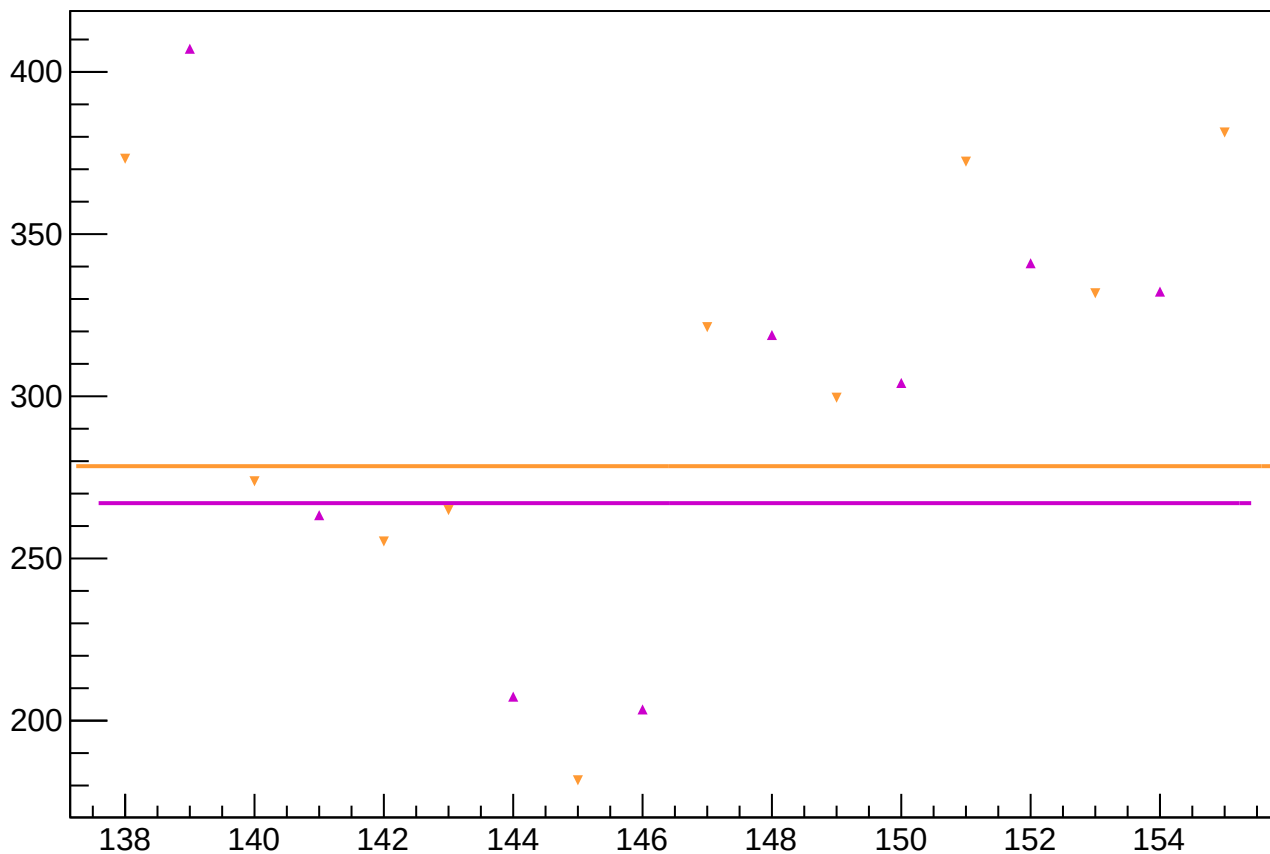
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 77.627+/-106.634 χ^2/NDF :6.3/7

Out: -505.684+/-106.090 χ^2/NDF :26.2/9

All: -215.522+/-75.209 χ^2/NDF : 47.6/17

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 278.455+/-0.075 χ^2/NDF :814196.3/9

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

Left In: 267.058+/-0.075 χ^2/NDF :696808.7/7

Left: 272.786+/-0.053 χ^2/NDF : 1522487.7/17

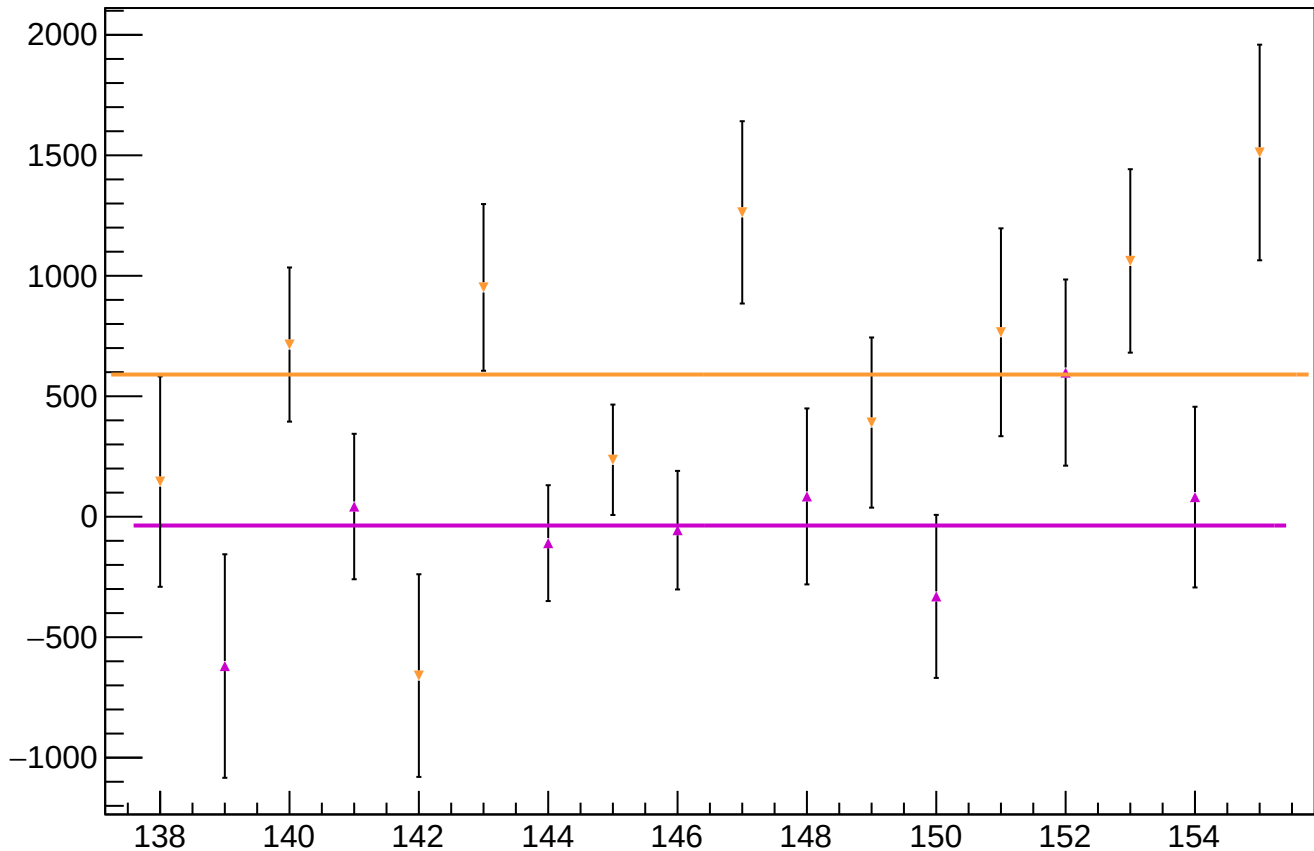
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 267.058+/-0.075 χ^2/NDF :696808.7/7

Out: 278.455+/-0.075 χ^2/NDF :814196.3/9

All: 272.786+/-0.053 χ^2/NDF : 1522487.7/17

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 590.225+/-111.556 χ^2/NDF :22.9/9

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

Left In: -36.486+/-112.163 χ^2/NDF :5.4/7

Left: 278.570+/-79.096 χ^2/NDF : 44.0/17

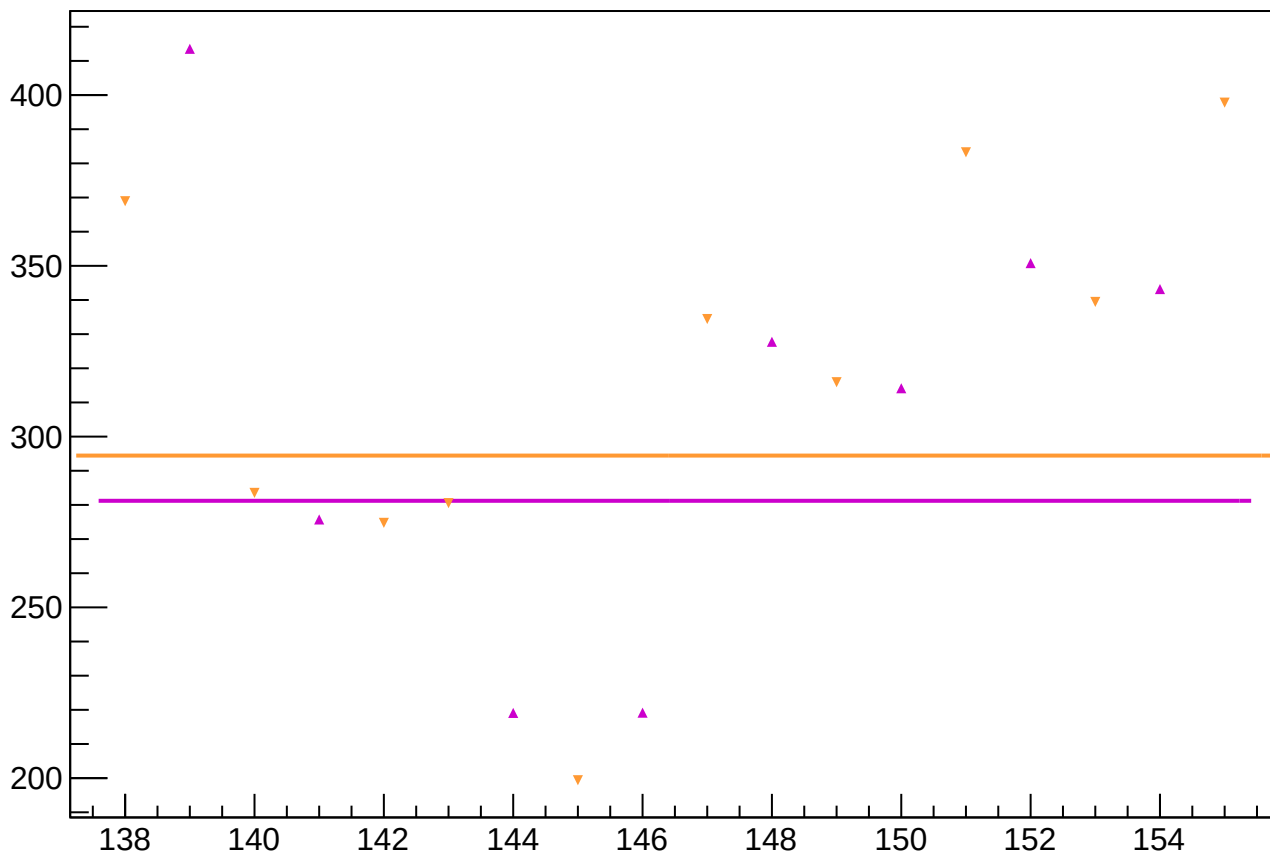
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.486+/-112.163 χ^2/NDF :5.4/7

Out: 590.225+/-111.556 χ^2/NDF :22.9/9

All: 278.570+/-79.096 χ^2/NDF : 44.0/17

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 294.446+/-0.079 χ^2/NDF :661583.4/9

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

Left In: 281.205+/-0.079 χ^2/NDF :595093.8/7

Left: 287.861+/-0.056 χ^2/NDF : 1270688.2/17

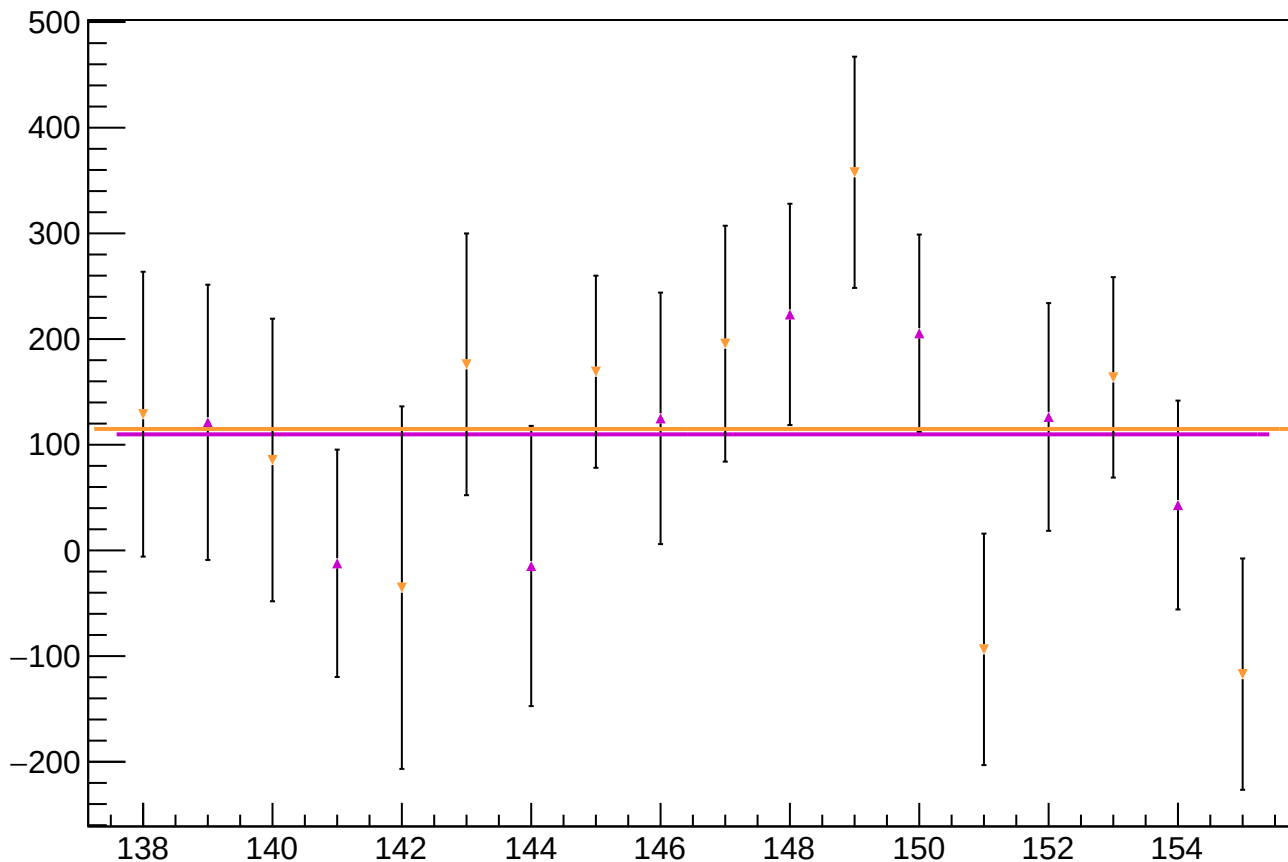
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 281.205+/-0.079 χ^2/NDF :595093.8/7

Out: 294.446+/-0.079 χ^2/NDF :661583.4/9

All: 287.861+/-0.056 χ^2/NDF : 1270688.2/17

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 114.935+/-35.964 χ^2/NDF :15.3/9

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

Left In: 109.833+/-38.710 χ^2/NDF :4.9/7

Left: 112.571+/-26.348 χ^2/NDF : 20.2/17

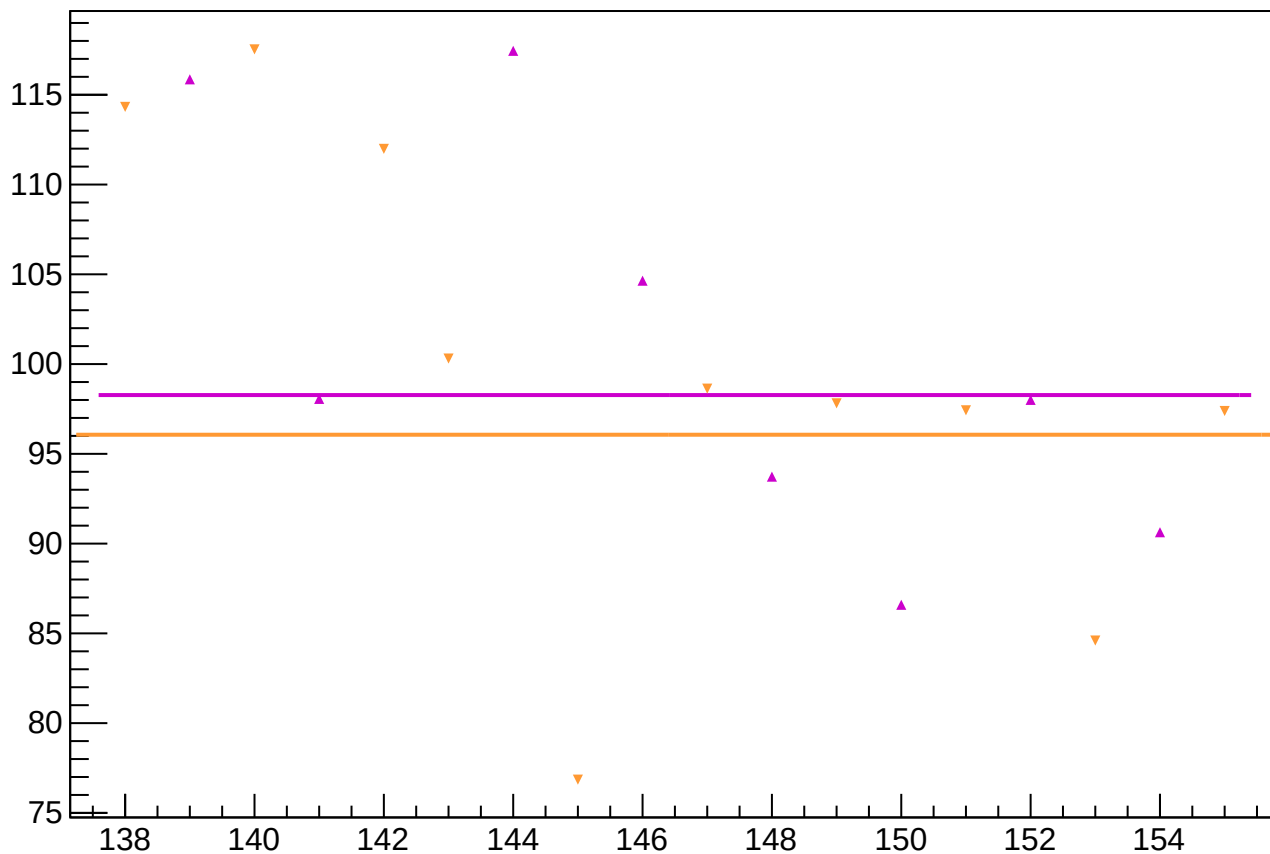
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 109.833+/-38.710 χ^2/NDF :4.9/7

Out: 114.935+/-35.964 χ^2/NDF :15.3/9

All: 112.571+/-26.348 χ^2/NDF : 20.2/17

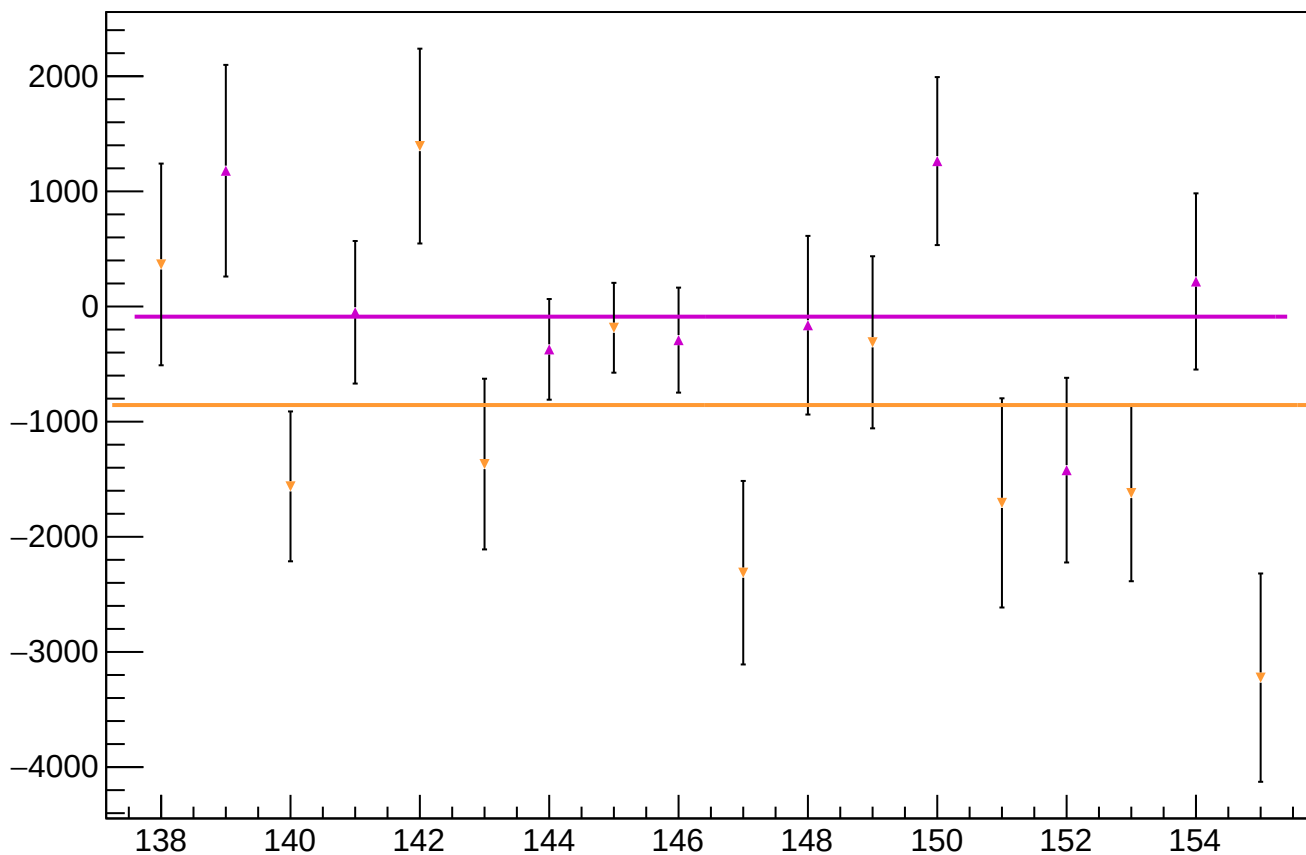
dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 96.065+/-0.025 χ^2/NDF :228597.6/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 98.274+/-0.027 χ^2/NDF :131084.5/7

Left: 97.088+/-0.019 χ^2/NDF : 363179.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 98.274+/-0.027 χ^2/NDF :131084.5/7
 Out: 96.065+/-0.025 χ^2/NDF :228597.6/9
 All: 97.088+/-0.019 χ^2/NDF : 363179.6/17

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -855.722+/-218.439 χ^2/NDF :26.2/9

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

Left In: -88.175+/-220.112 χ^2/NDF :8.9/7

Left: -474.877+/-155.048 χ^2/NDF : 41.2/17

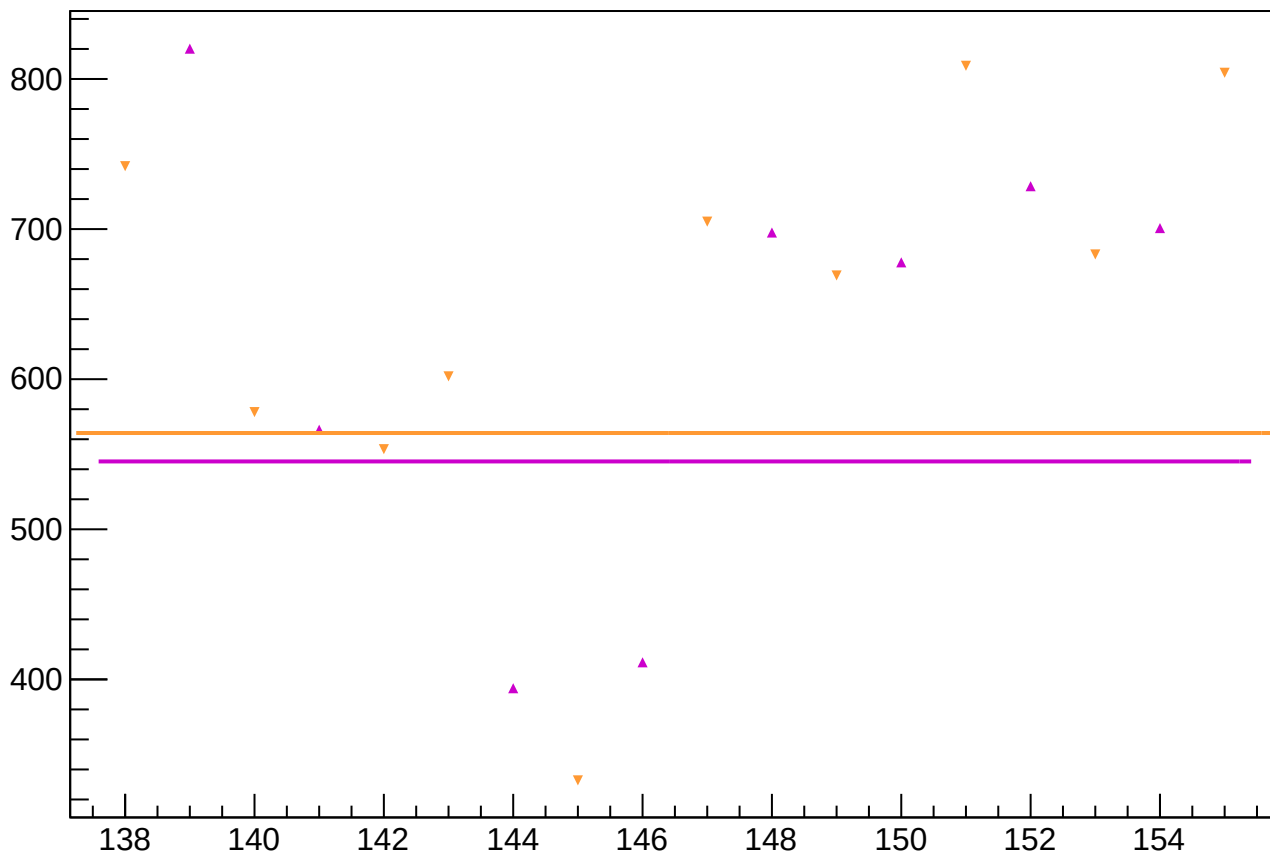
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -88.175+/-220.112 χ^2/NDF :8.9/7

Out: -855.722+/-218.439 χ^2/NDF :26.2/9

All: -474.877+/-155.048 χ^2/NDF : 41.2/17

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 564.149+/-0.154 χ^2/NDF :1228650.9/9

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

Left In: 545.209+/-0.156 χ^2/NDF :923150.2/7

Left: 554.751+/-0.110 χ^2/NDF : 2159261.6/17

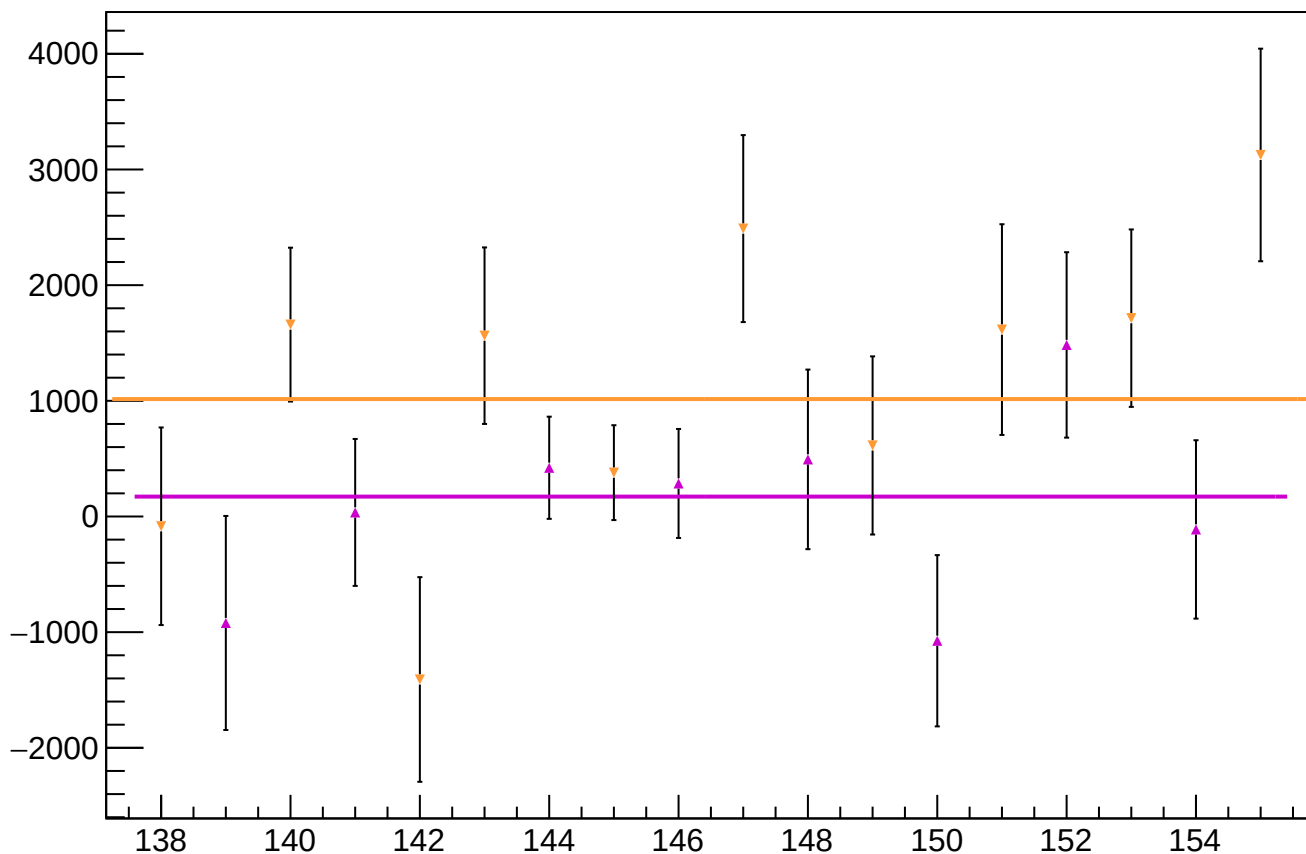
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 545.209+/-0.156 χ^2/NDF :923150.2/7

Out: 564.149+/-0.154 χ^2/NDF :1228650.9/9

All: 554.751+/-0.110 χ^2/NDF : 2159261.6/17

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 1015.202+/-224.274 χ^2/NDF :23.2/9

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

Left In: 171.922+/-223.610 χ^2/NDF :7.6/7

Left: 592.313+/-158.350 χ^2/NDF : 37.9/17

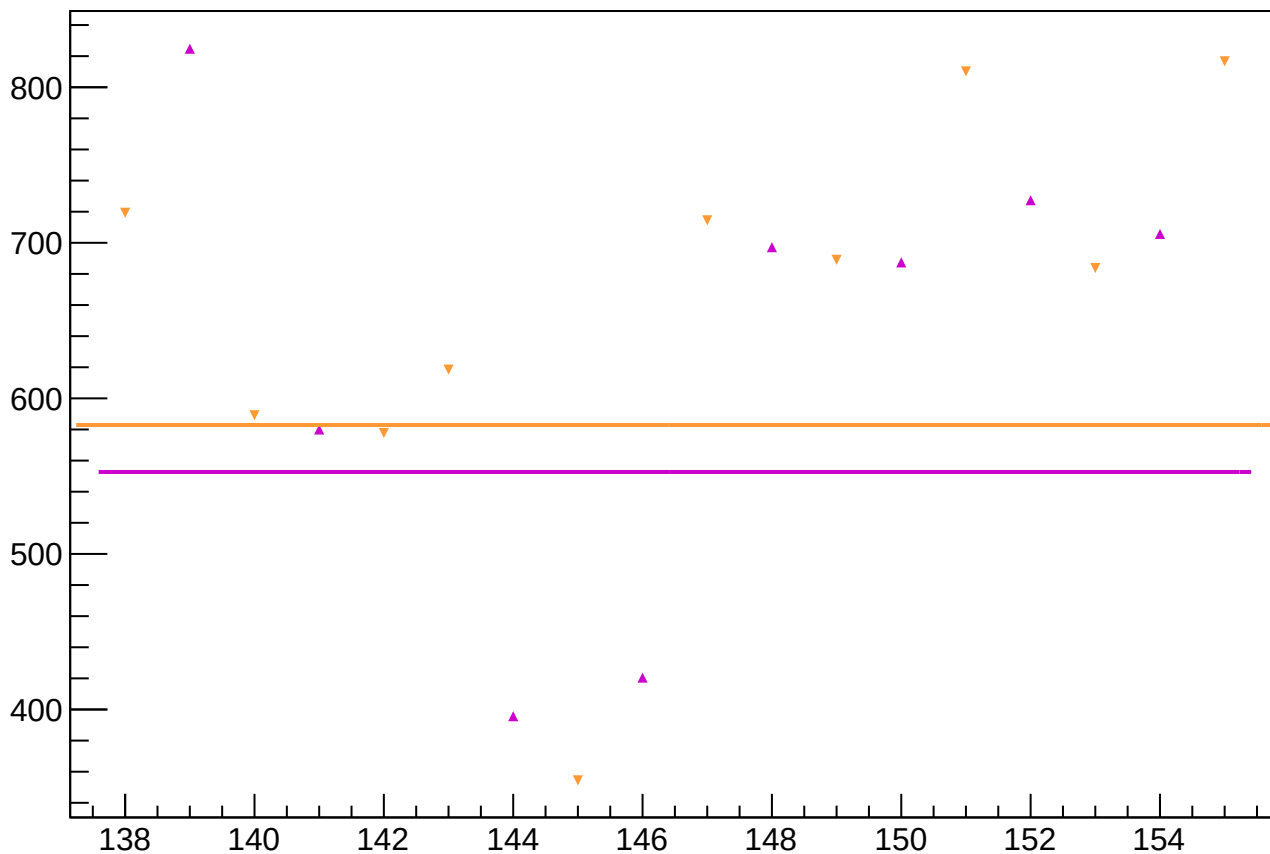
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.922+/-223.610 χ^2/NDF :7.6/7

Out: 1015.202+/-224.274 χ^2/NDF :23.2/9

All: 592.313+/-158.350 χ^2/NDF : 37.9/17

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 582.875+/-0.159 χ^2/NDF :1056102.2/9

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

Left In: 552.680+/-0.158 χ^2/NDF :896164.7/7

Left: 567.733+/-0.112 χ^2/NDF : 1970446.2/17

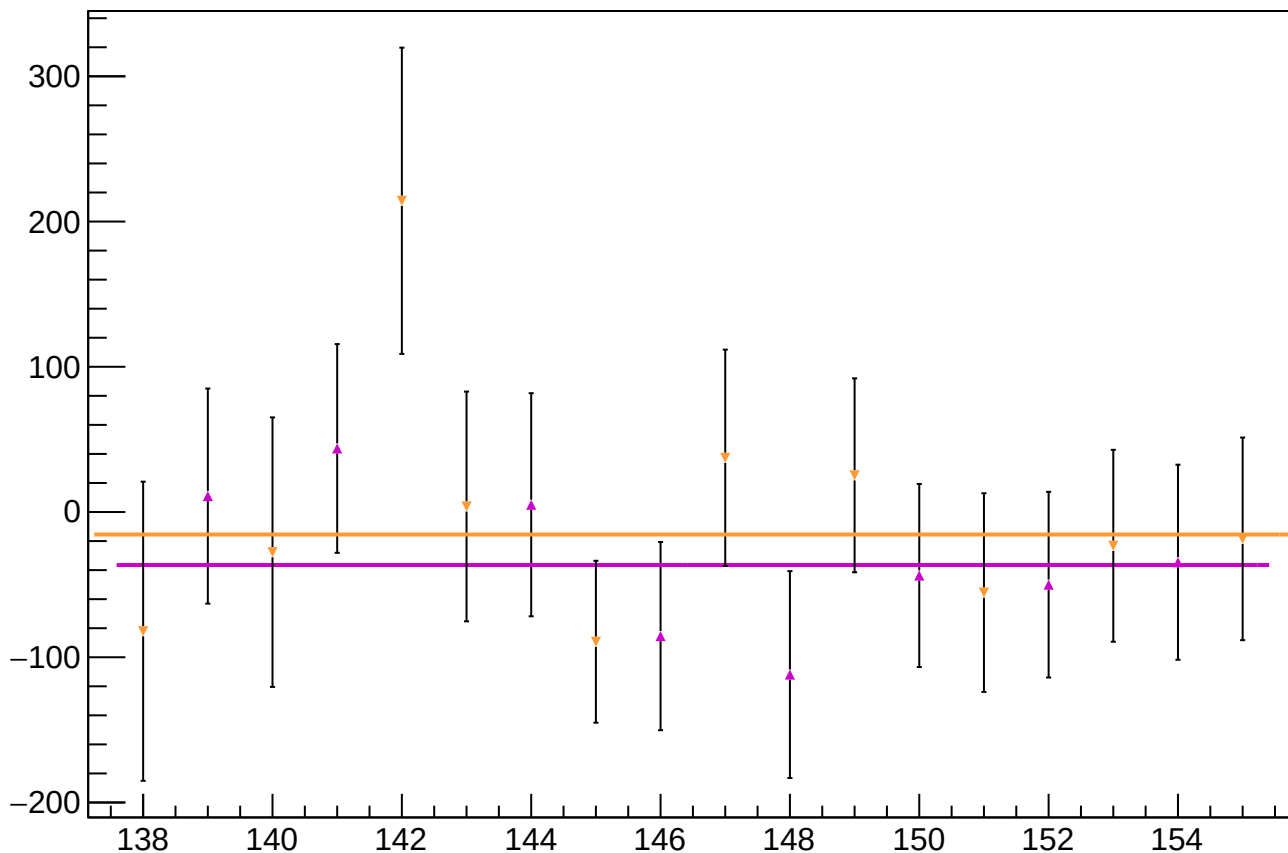
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 552.680+/-0.158 χ^2/NDF :896164.7/7

Out: 582.875+/-0.159 χ^2/NDF :1056102.2/9

All: 567.733+/-0.112 χ^2/NDF : 1970446.2/17

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -15.465 ± 23.345 $\chi^2/\text{NDF}: 8.2/9$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -36.484 ± 24.261 $\chi^2/\text{NDF}: 3.7/7$

Left: -25.570 ± 16.822 $\chi^2/\text{NDF}: 12.3/17$

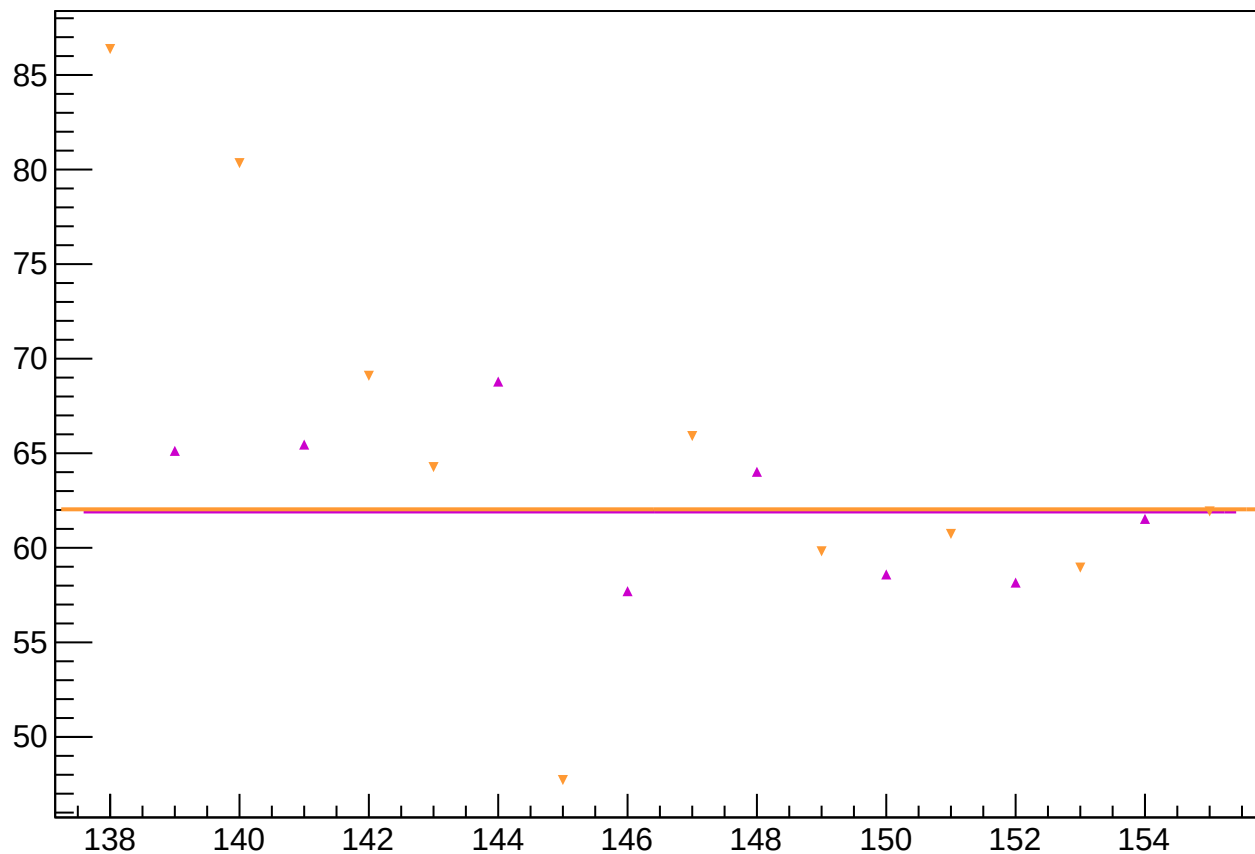
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -36.484 ± 24.261 $\chi^2/\text{NDF}: 3.7/7$

Out: -15.465 ± 23.345 $\chi^2/\text{NDF}: 8.2/9$

All: -25.570 ± 16.822 $\chi^2/\text{NDF}: 12.3/17$

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: 62.035+/-0.017 χ^2/NDF :344641.6/9

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

Left In: 61.921+/-0.017 χ^2/NDF :47340.7/7

Left: 61.980+/-0.012 χ^2/NDF : 392005.3/17

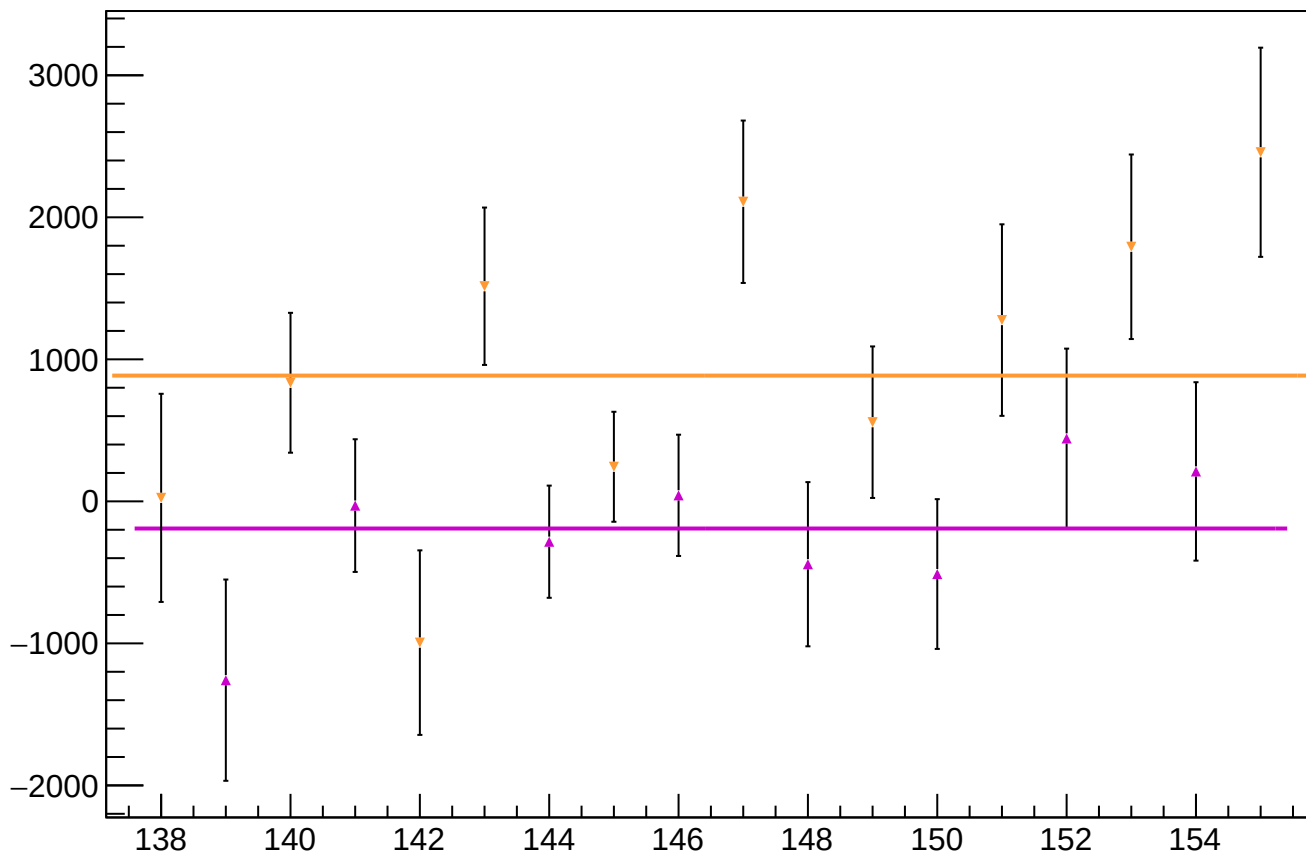
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.921+/-0.017 χ^2/NDF :47340.7/7

Out: 62.035+/-0.017 χ^2/NDF :344641.6/9

All: 61.980+/-0.012 χ^2/NDF : 392005.3/17

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: 885.489+/-178.836 χ^2/NDF : 25.6/9

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

Left In: -191.266+/-182.291 χ^2/NDF : 4.7/7

Left: 357.413+/-127.660 χ^2/NDF : 48.1/17

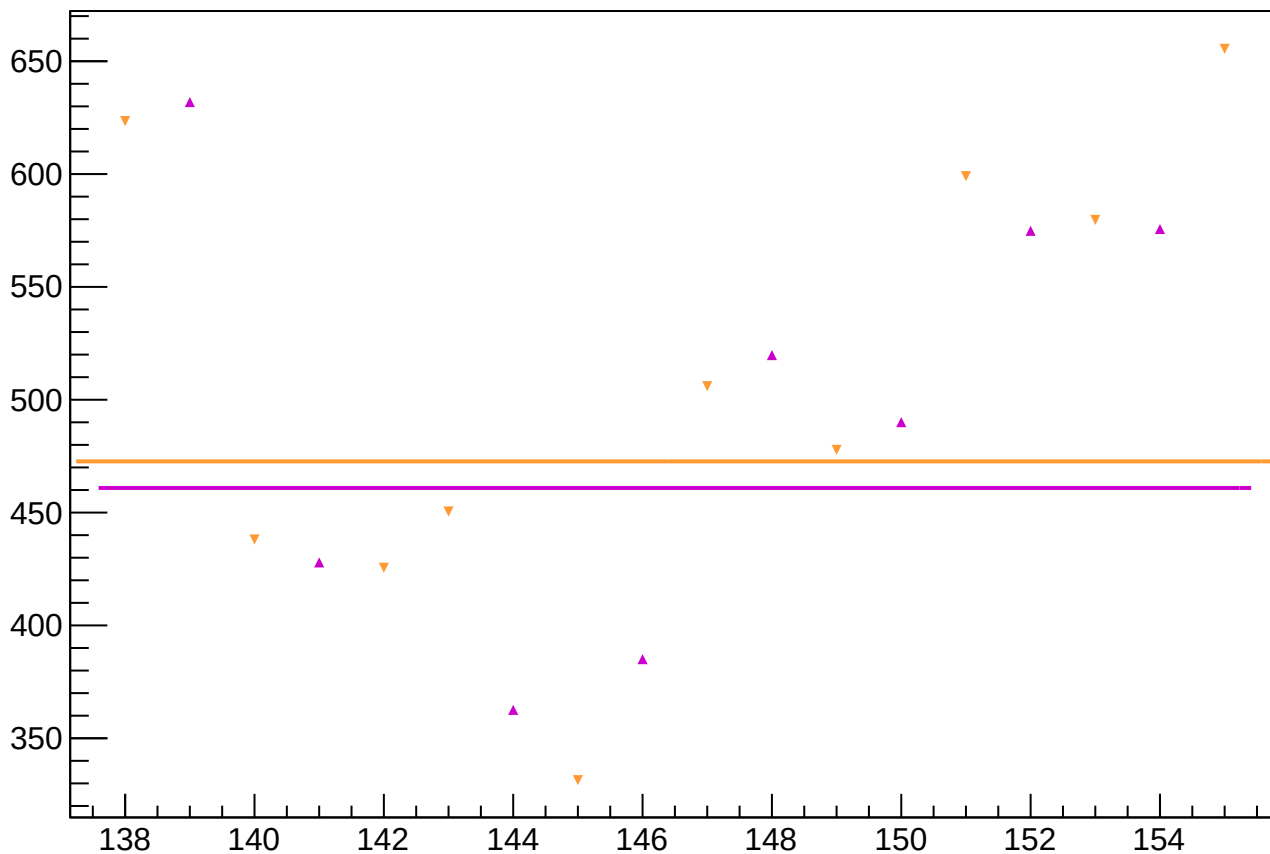
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -191.266+/-182.291 χ^2/NDF : 4.7/7

Out: 885.489+/-178.836 χ^2/NDF : 25.6/9

All: 357.413+/-127.660 χ^2/NDF : 48.1/17

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: 472.694+/-0.126 χ^2/NDF : 629201.9/9

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

Left In: 460.909+/-0.129 χ^2/NDF : 472041.6/7

Left: 466.914+/-0.090 χ^2/NDF : 1105502.9/17

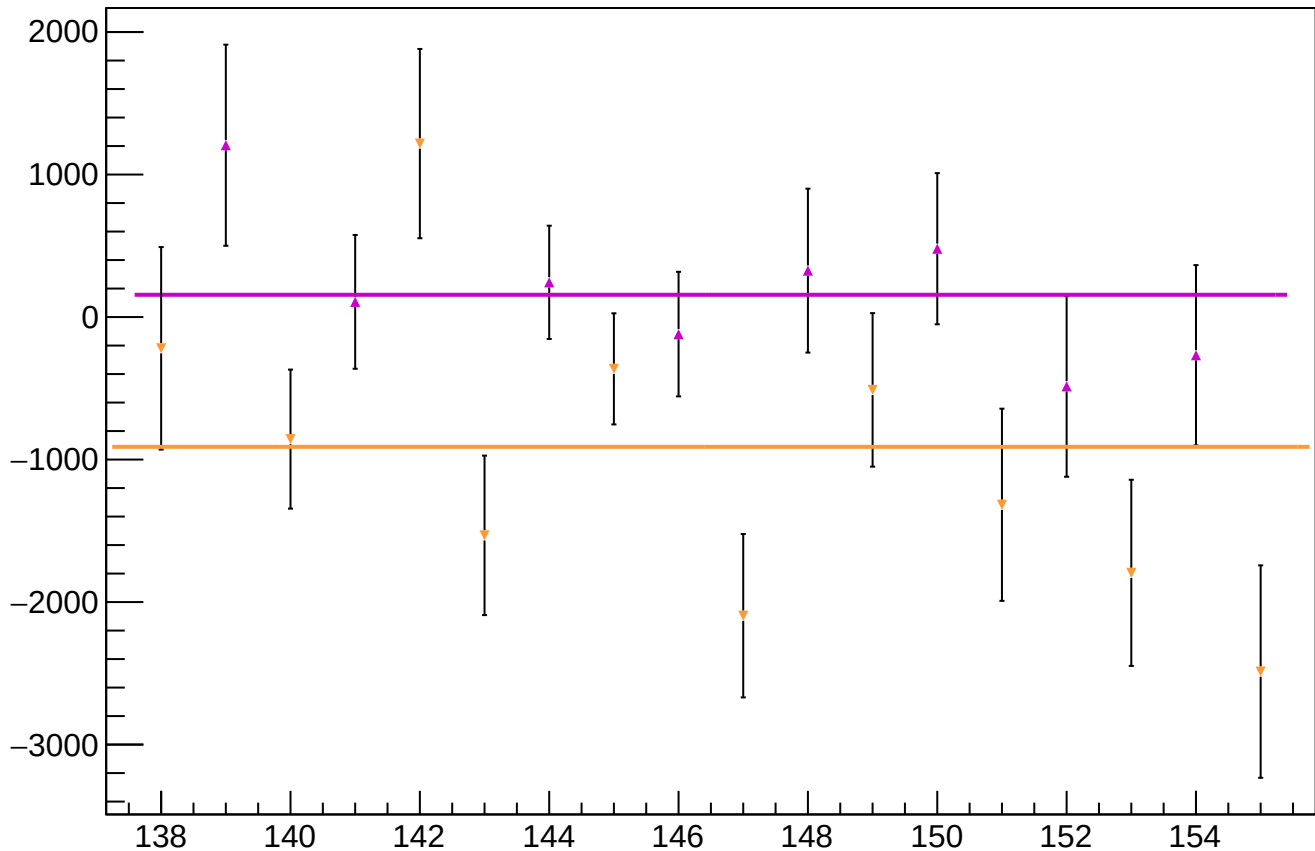
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 460.909+/-0.129 χ^2/NDF : 472041.6/7

Out: 472.694+/-0.126 χ^2/NDF : 629201.9/9

All: 466.914+/-0.090 χ^2/NDF : 1105502.9/17

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -910.588+/-179.447 χ^2/NDF :25.9/9

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

Left In: 156.303+/-183.582 χ^2/NDF :4.6/7

Left: -389.291+/-128.325 χ^2/NDF : 47.8/17

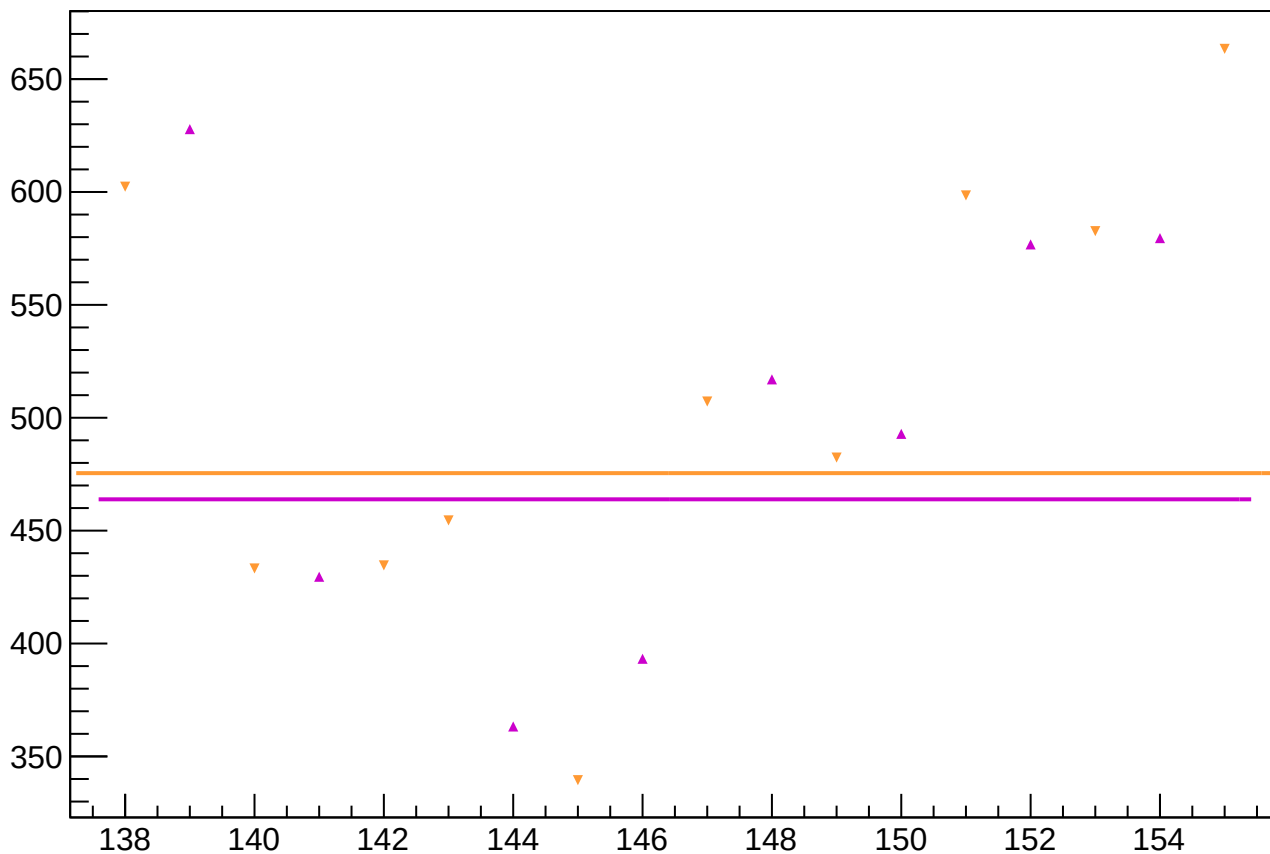
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 156.303+/-183.582 χ^2/NDF :4.6/7

Out: -910.588+/-179.447 χ^2/NDF :25.9/9

All: -389.291+/-128.325 χ^2/NDF : 47.8/17

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 475.469+/-0.127 χ^2/NDF :586390.8/9

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

Left In: 463.870+/-0.130 χ^2/NDF :452351.5/7

Left: 469.801+/-0.091 χ^2/NDF : 1042825.3/17

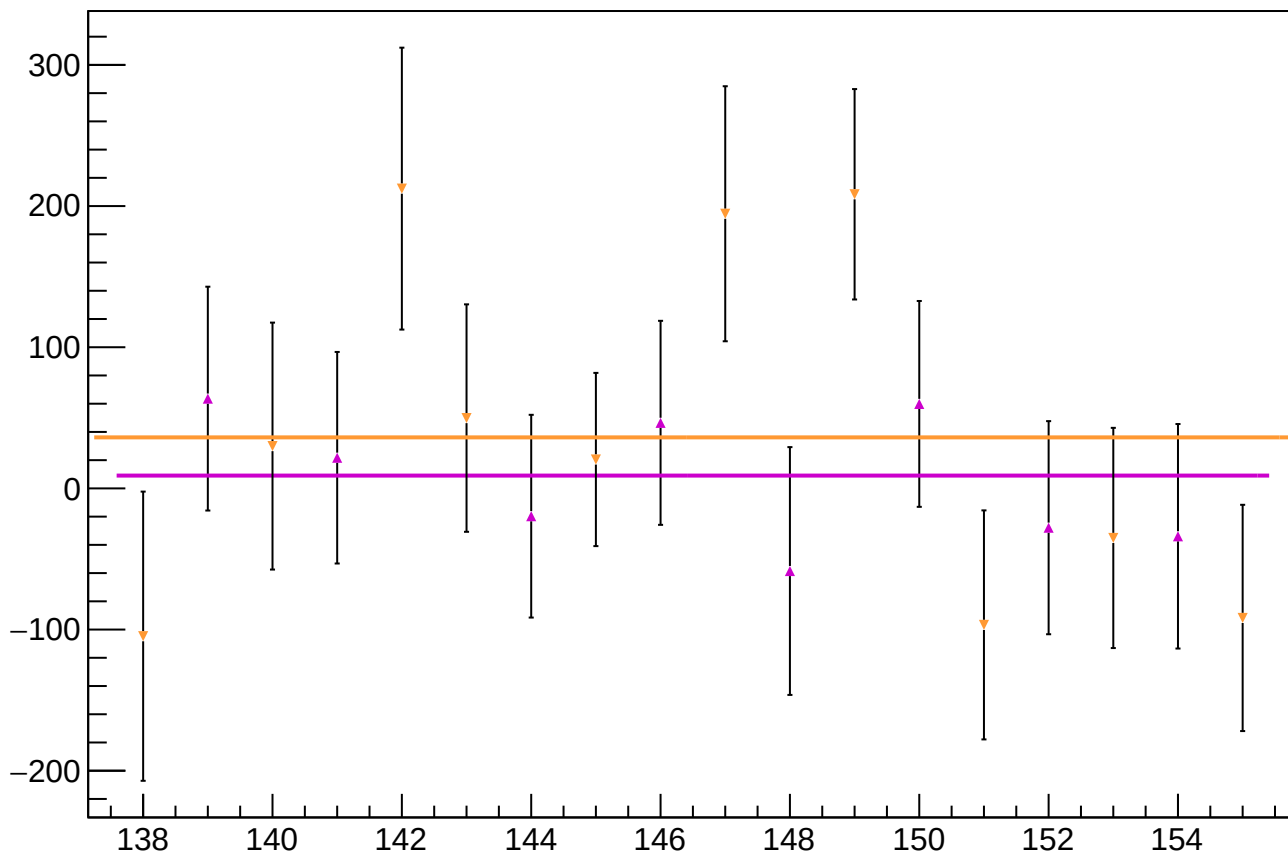
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 463.870+/-0.130 χ^2/NDF :452351.5/7

Out: 475.469+/-0.127 χ^2/NDF :586390.8/9

All: 469.801+/-0.091 χ^2/NDF : 1042825.3/17

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: 36.142+/-25.644 χ^2/NDF :19.6/9

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

Left In: 9.078+/-26.977 χ^2/NDF :2.5/7

Left: 23.295+/-18.587 χ^2/NDF : 22.7/17

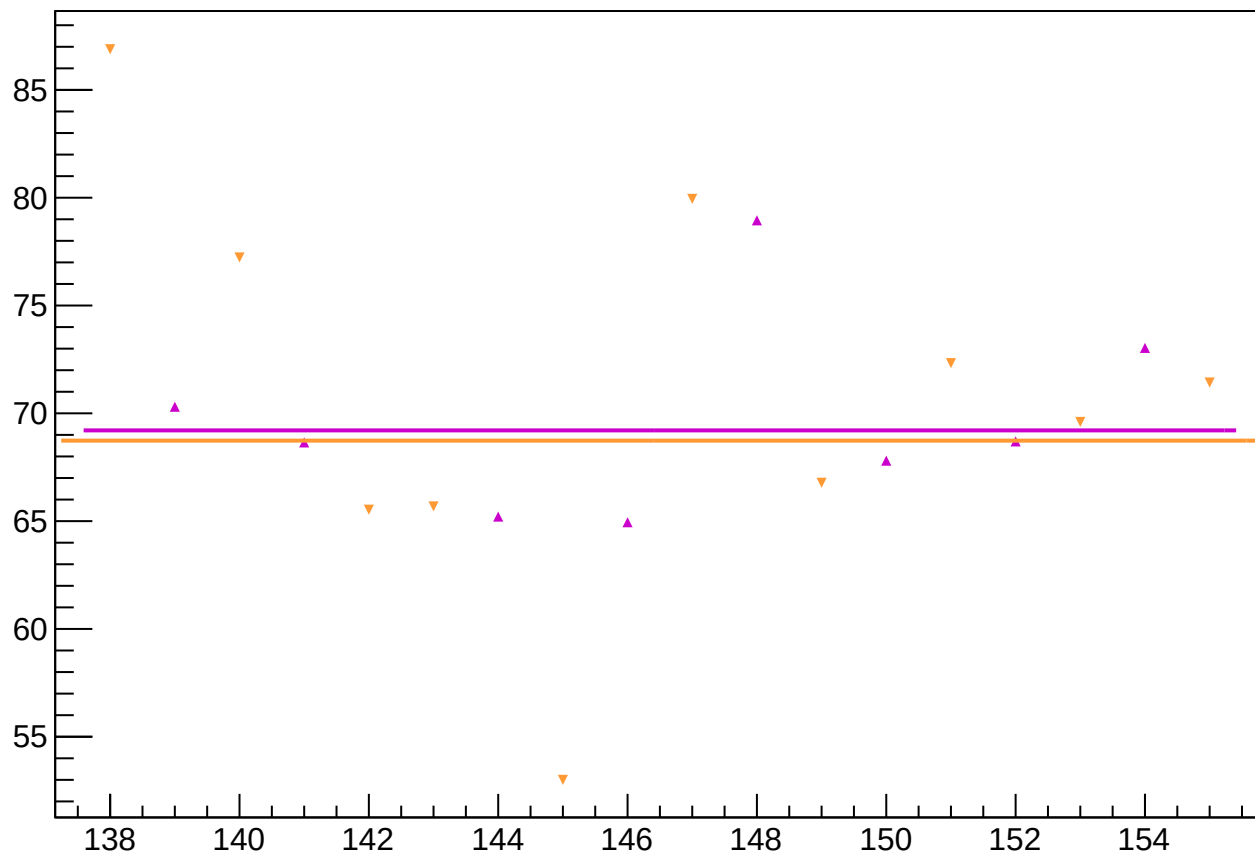
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.078+/-26.977 χ^2/NDF :2.5/7

Out: 36.142+/-25.644 χ^2/NDF :19.6/9

All: 23.295+/-18.587 χ^2/NDF : 22.7/17

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: 68.734+/-0.018 χ^2/NDF :256766.5/9

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

Left In: 69.209+/-0.019 χ^2/NDF :43745.2/7

Left: 68.959+/-0.013 χ^2/NDF : 300837.9/17

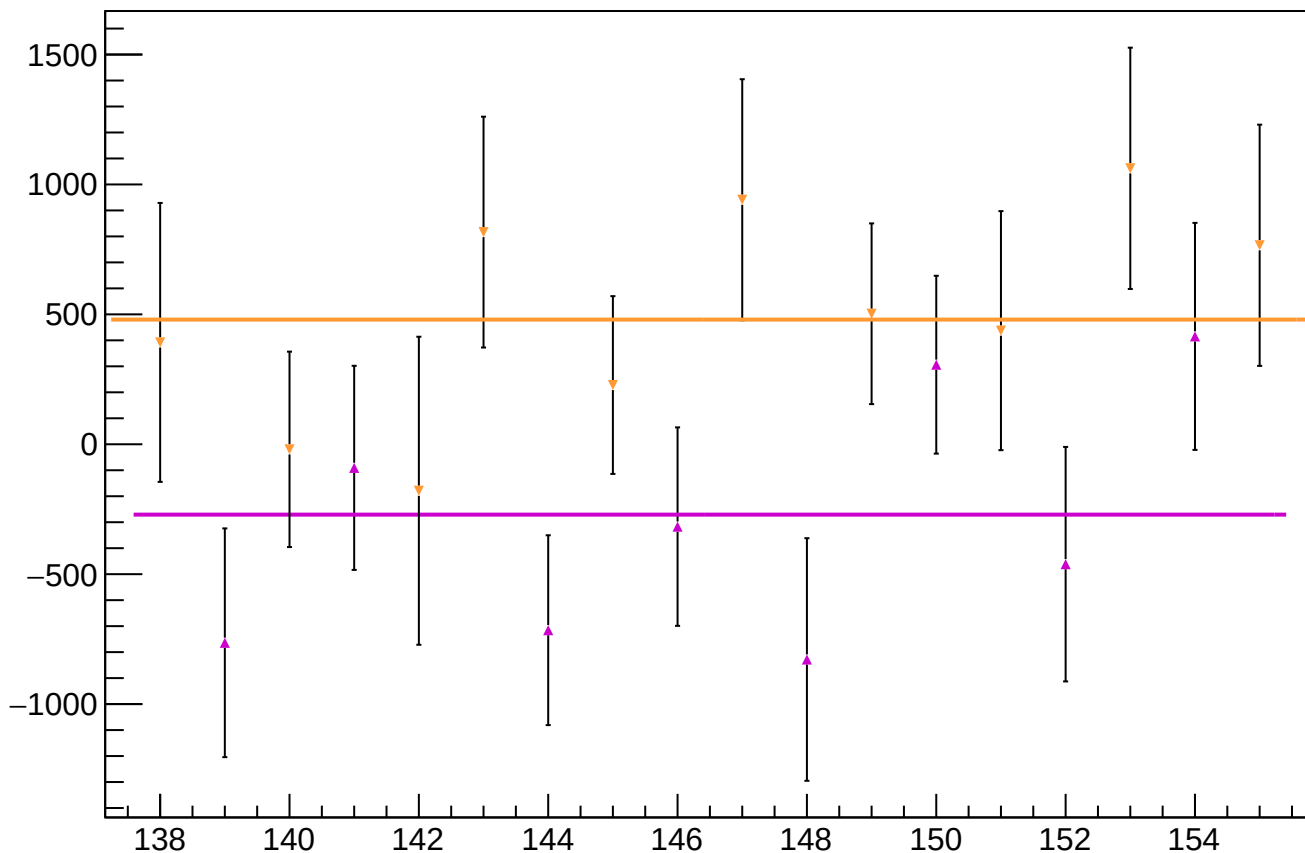
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 69.209+/-0.019 χ^2/NDF :43745.2/7

Out: 68.734+/-0.018 χ^2/NDF :256766.5/9

All: 68.959+/-0.013 χ^2/NDF : 300837.9/17

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: 479.842+/-136.183 χ^2/NDF : 7.1/9

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

Left In: -270.828+/-142.475 χ^2/NDF : 9.9/7

Left: 121.448+/-98.445 χ^2/NDF : 31.5/17

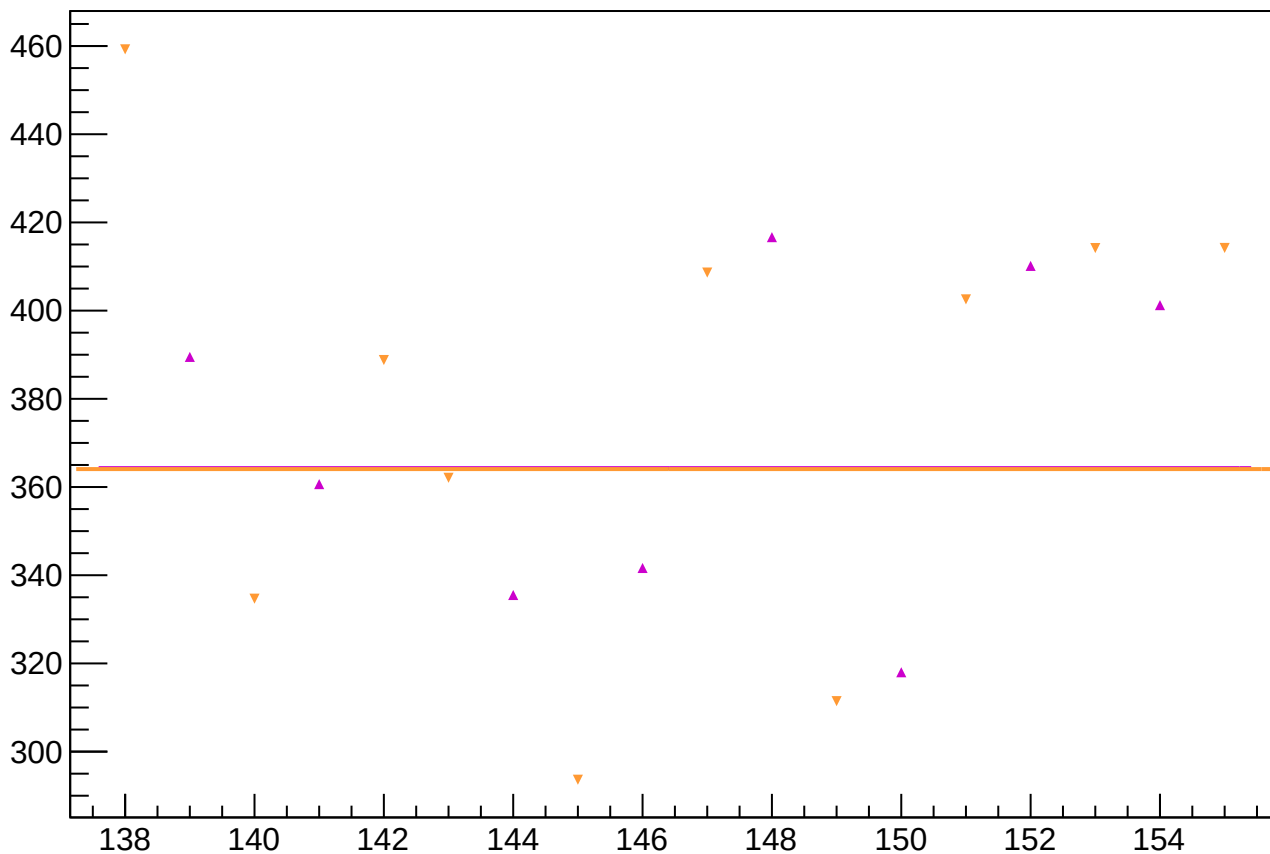
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.828+/-142.475 χ^2/NDF : 9.9/7

Out: 479.842+/-136.183 χ^2/NDF : 7.1/9

All: 121.448+/-98.445 χ^2/NDF : 31.5/17

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: 364.069+/-0.096 χ^2/NDF :288314.2/9

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

Left In: 364.285+/-0.101 χ^2/NDF :122885.9/7

Left: 364.172+/-0.070 χ^2/NDF : 411202.5/17

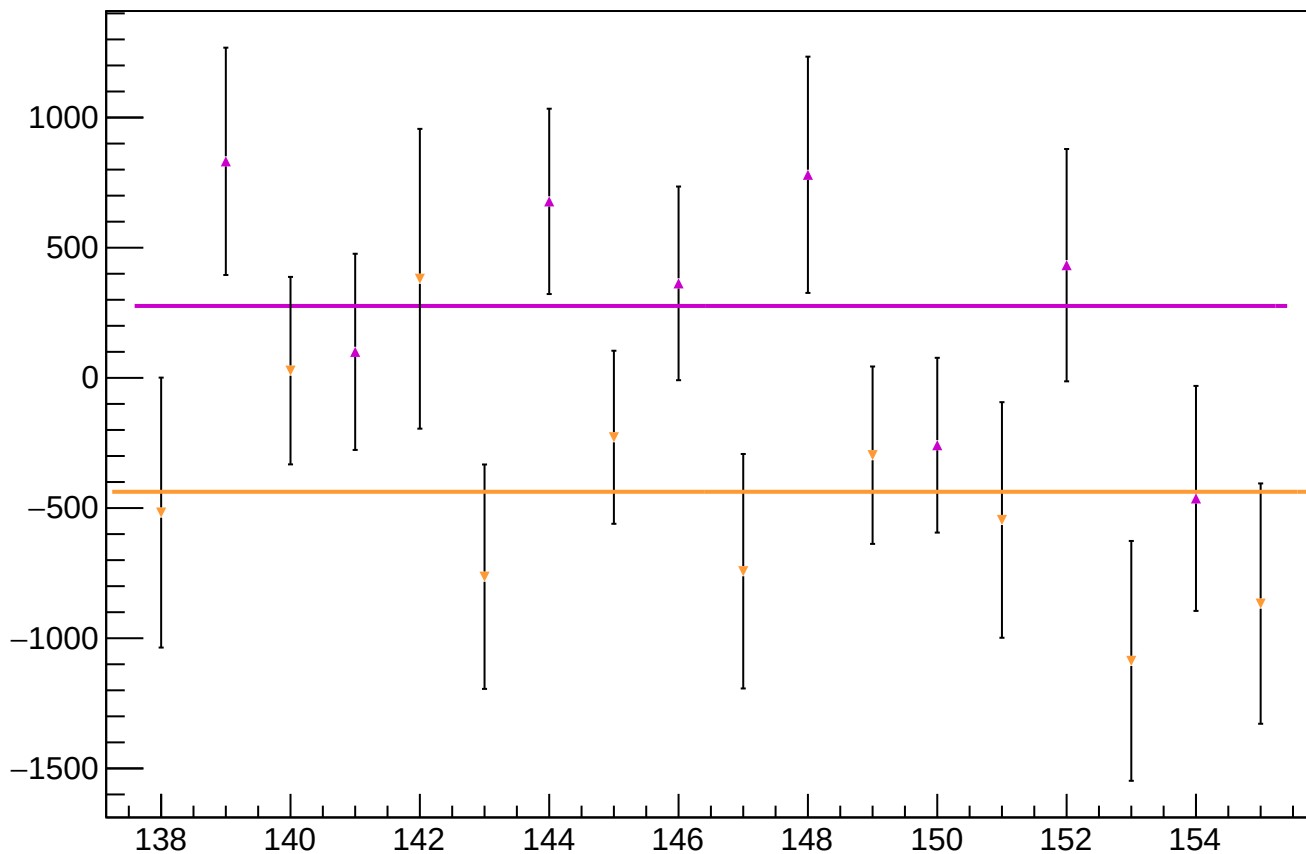
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.285+/-0.101 χ^2/NDF :122885.9/7

Out: 364.069+/-0.096 χ^2/NDF :288314.2/9

All: 364.172+/-0.070 χ^2/NDF : 411202.5/17

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -437.470+/-132.769 χ^2/NDF :8.2/9

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

Left In: 276.258+/-139.311 χ^2/NDF :10.0/7

Left: -97.758+/-96.111 χ^2/NDF : 32.0/17

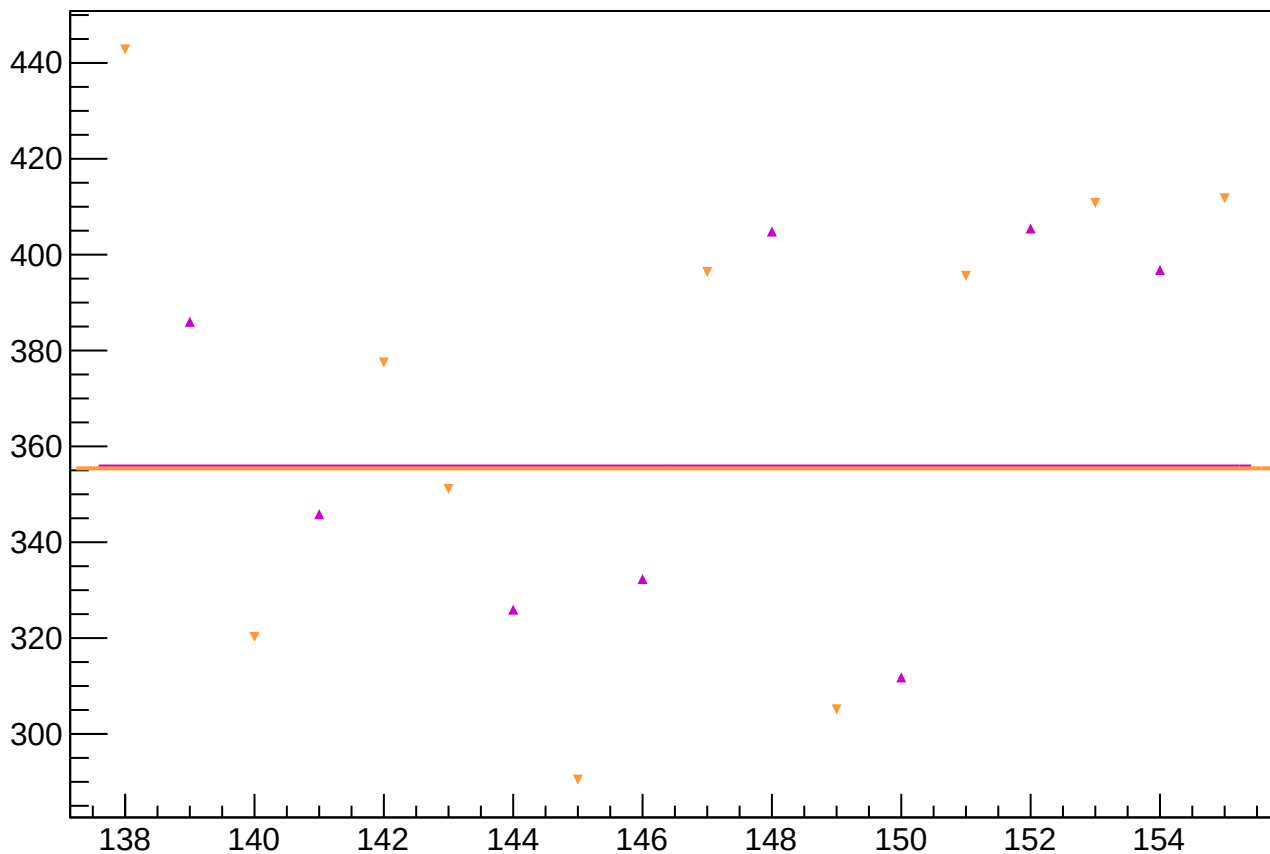
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 276.258+/-139.311 χ^2/NDF :10.0/7

Out: -437.470+/-132.769 χ^2/NDF :8.2/9

All: -97.758+/-96.111 χ^2/NDF : 32.0/17

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 355.409+/-0.094 χ^2/NDF :290111.8/9

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

Left In: 355.794+/-0.099 χ^2/NDF :133512.1/7

Left: 355.592+/-0.068 χ^2/NDF : 423632.0/17

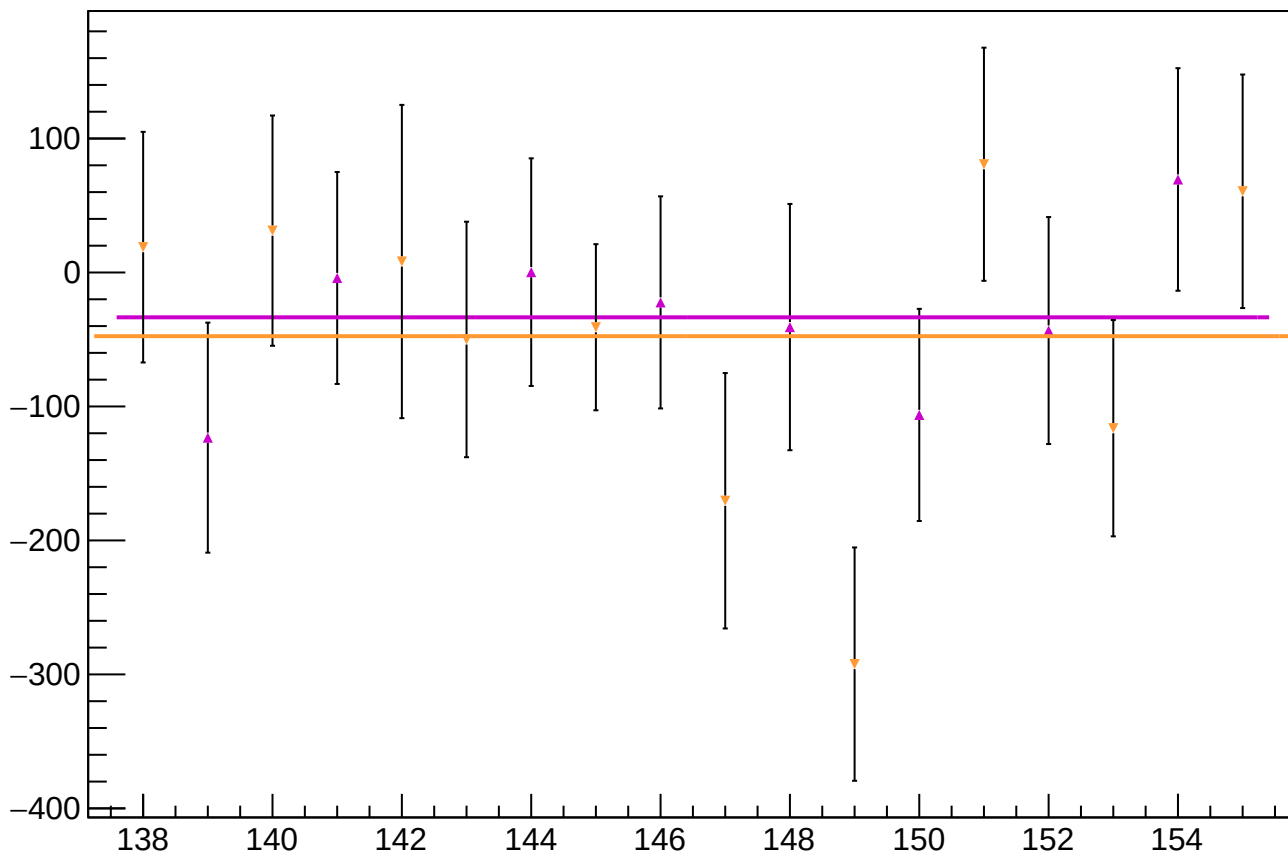
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 355.794+/-0.099 χ^2/NDF :133512.1/7

Out: 355.409+/-0.094 χ^2/NDF :290111.8/9

All: 355.592+/-0.068 χ^2/NDF : 423632.0/17

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: -47.552 ± 26.801 χ^2/NDF : 15.7/9

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -33.458 ± 29.414 χ^2/NDF : 3.8/7

Left: -41.159 ± 19.811 χ^2/NDF : 19.6/17

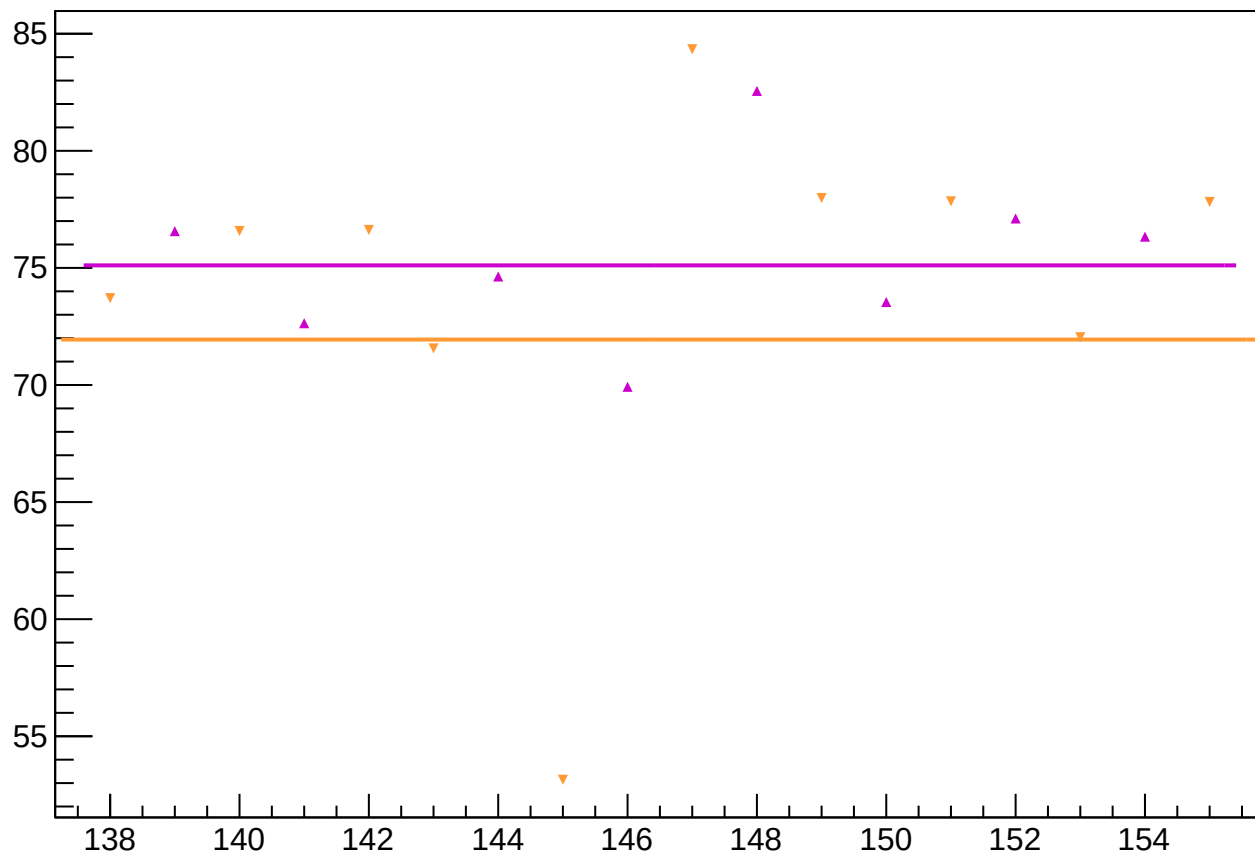
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -33.458 ± 29.414 χ^2/NDF : 3.8/7

Out: -47.552 ± 26.801 χ^2/NDF : 15.7/9

All: -41.159 ± 19.811 χ^2/NDF : 19.6/17

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 71.940+/-0.019 χ^2/NDF :255533.0/9

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

Left In: 75.109+/-0.021 χ^2/NDF :26647.5/7

Left: 73.378+/-0.014 χ^2/NDF : 294860.8/17

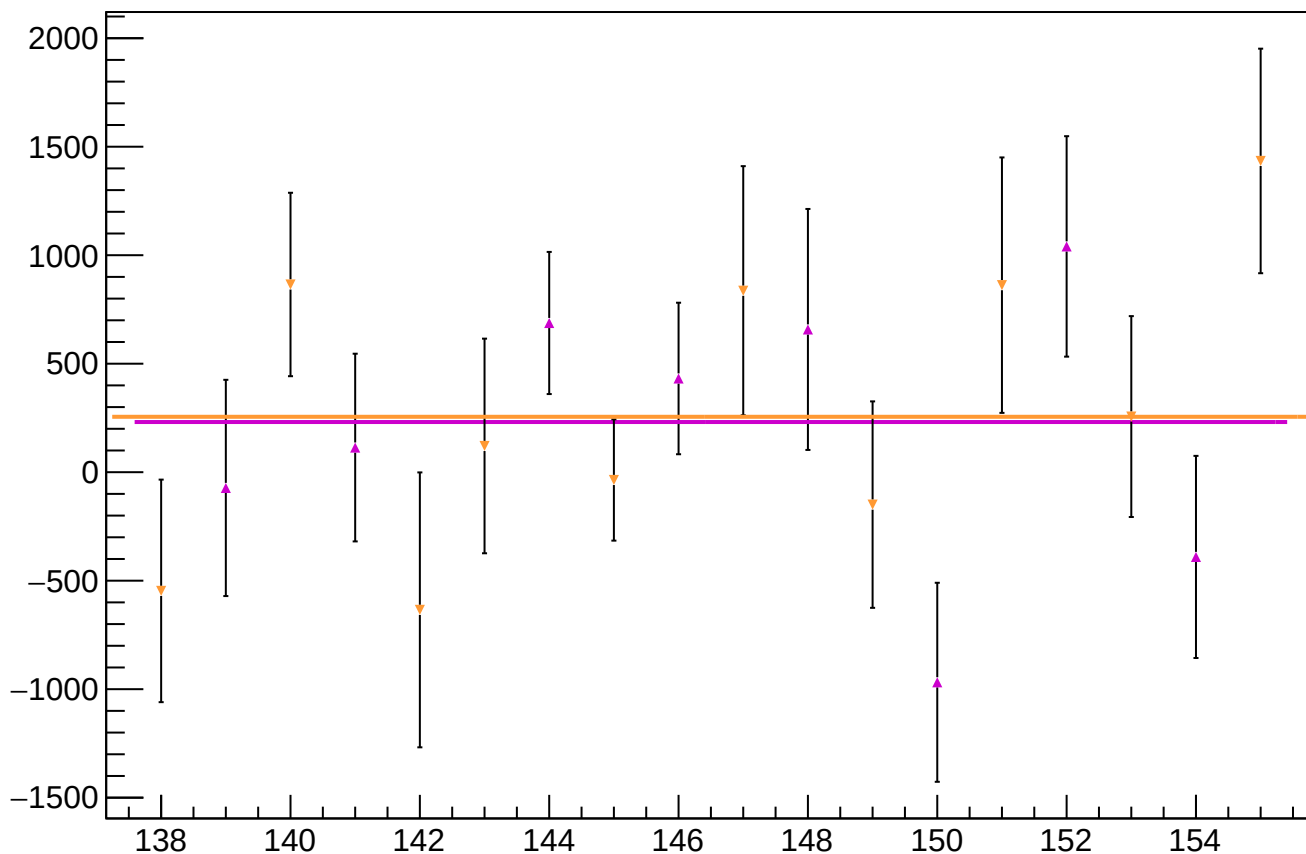
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 75.109+/-0.021 χ^2/NDF :26647.5/7

Out: 71.940+/-0.019 χ^2/NDF :255533.0/9

All: 73.378+/-0.014 χ^2/NDF : 294860.8/17

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: 255.347+/-145.070 χ^2/NDF :15.7/9

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

Left In: 231.168+/-151.828 χ^2/NDF :14.5/7

Left: 243.807+/-104.888 χ^2/NDF : 30.1/17

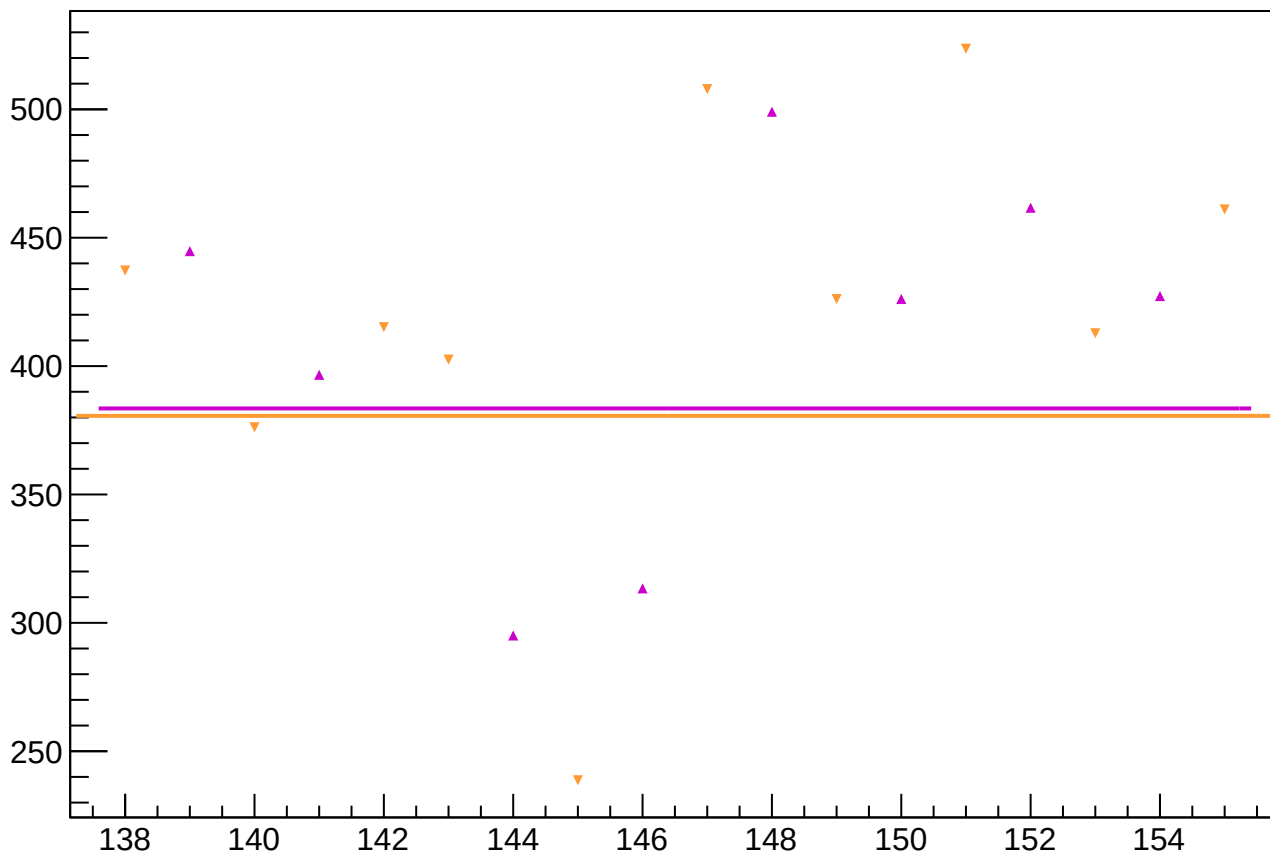
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.168+/-151.828 χ^2/NDF :14.5/7

Out: 255.347+/-145.070 χ^2/NDF :15.7/9

All: 243.807+/-104.888 χ^2/NDF : 30.1/17

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: 380.612+/-0.103 χ^2/NDF :842558.3/9

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

Left In: 383.508+/-0.107 χ^2/NDF :427377.0/7

Left: 381.994+/-0.074 χ^2/NDF : 1270315.8/17

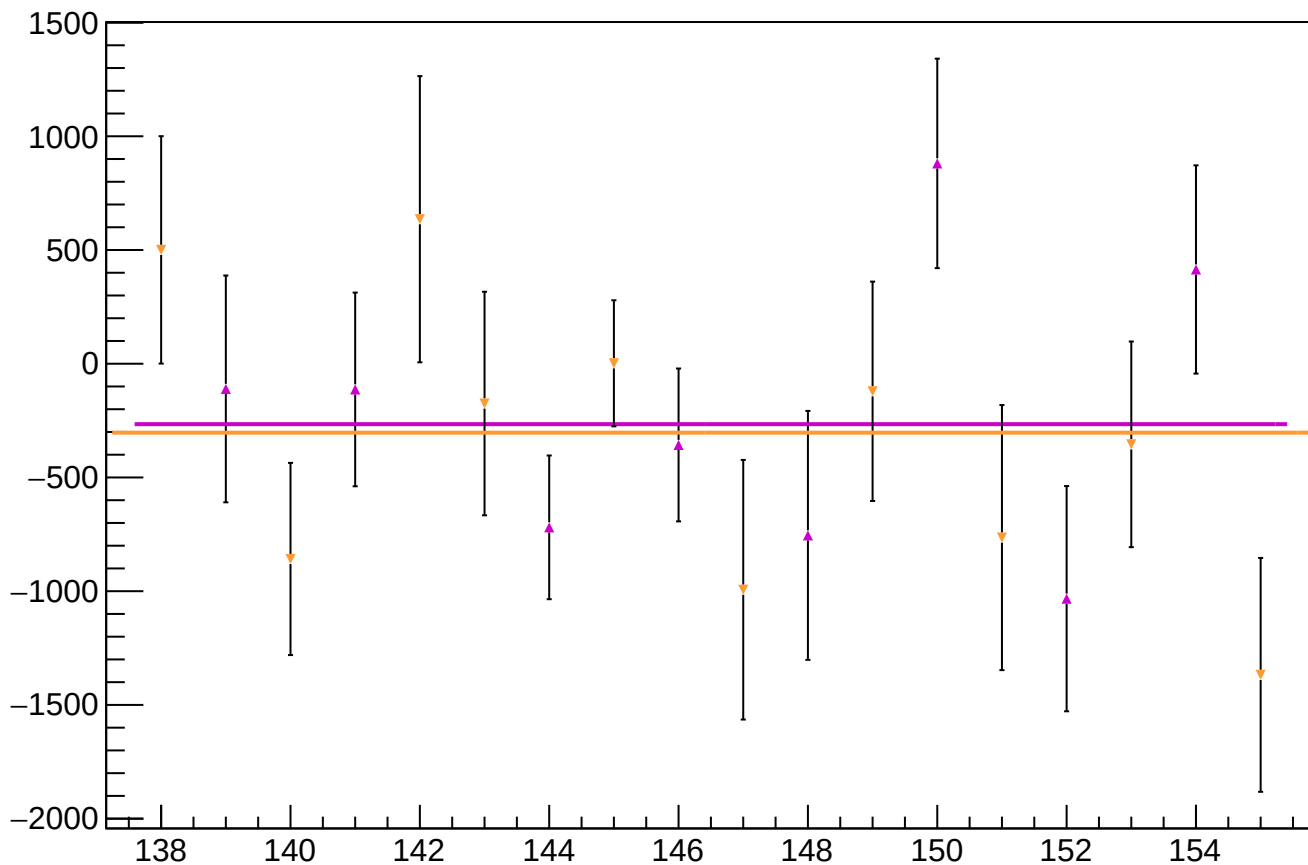
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 383.508+/-0.107 χ^2/NDF :427377.0/7

Out: 380.612+/-0.103 χ^2/NDF :842558.3/9

All: 381.994+/-0.074 χ^2/NDF : 1270315.8/17

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -303.024+/-143.906 χ^2/NDF :14.4/9

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

Left In: -265.698+/-148.535 χ^2/NDF :14.0/7

Left: -284.952+/-103.355 χ^2/NDF : 28.3/17

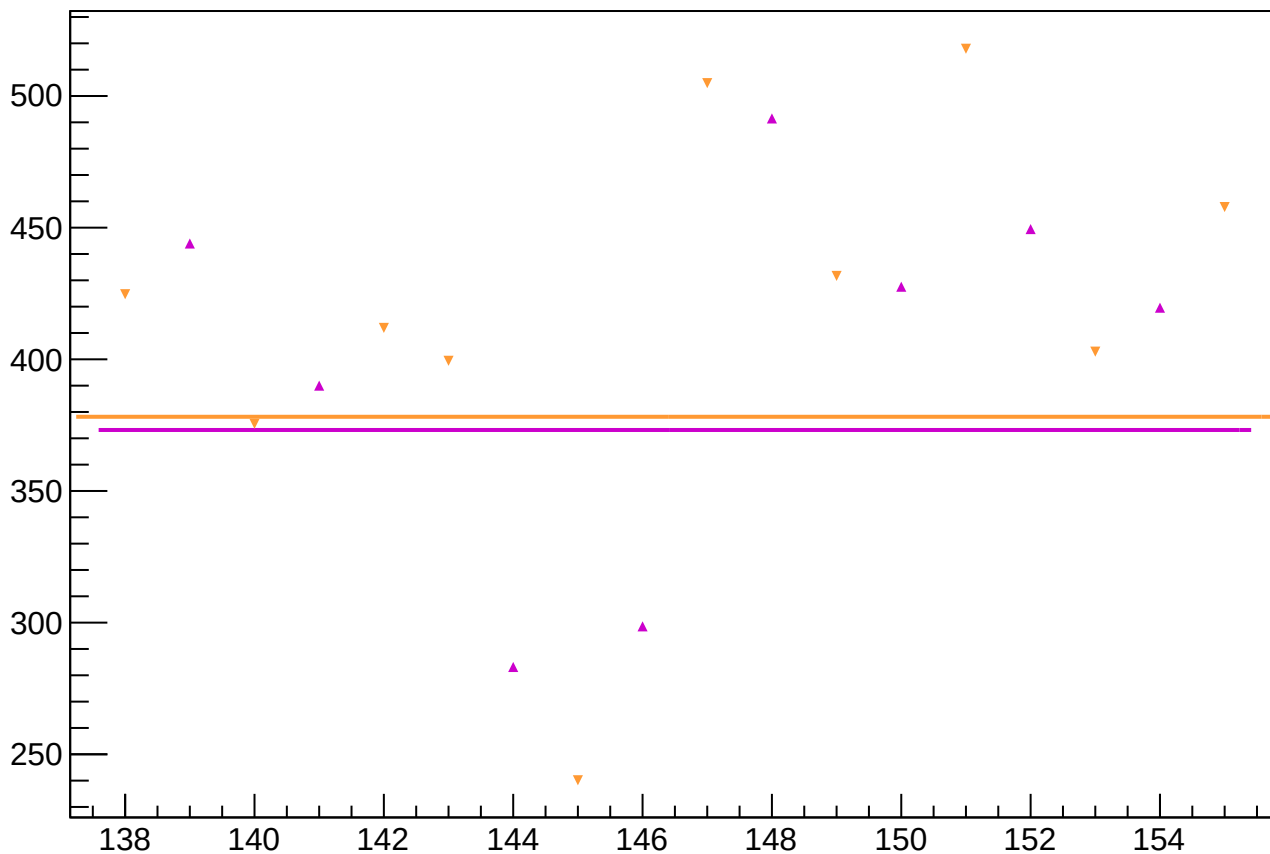
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -265.698+/-148.535 χ^2/NDF :14.0/7

Out: -303.024+/-143.906 χ^2/NDF :14.4/9

All: -284.952+/-103.355 χ^2/NDF : 28.3/17

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 378.180+/-0.102 χ^2/NDF :815478.9/9

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

Left In: 373.165+/-0.105 χ^2/NDF :493861.9/7

Left: 375.752+/-0.073 χ^2/NDF : 1310516.9/17

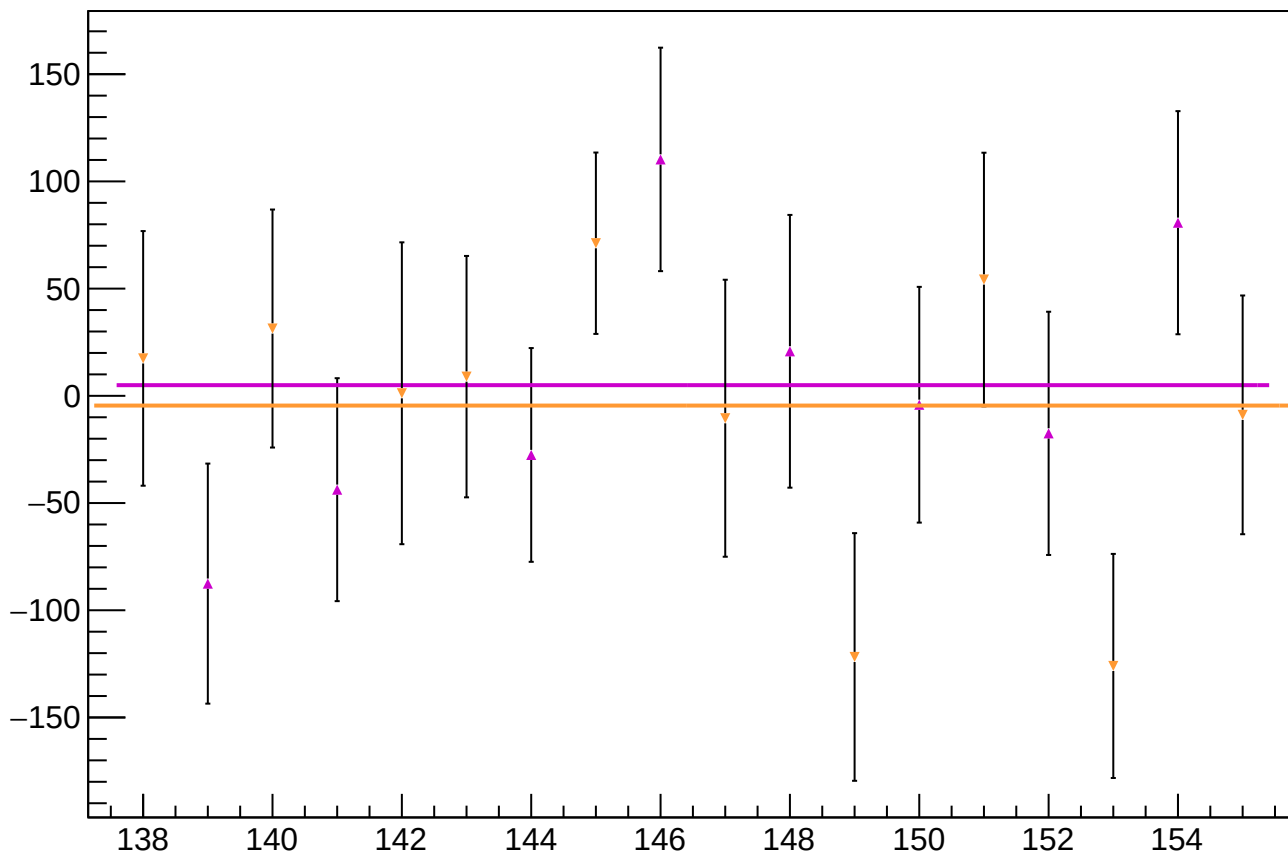
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.165+/-0.105 χ^2/NDF :493861.9/7

Out: 378.180+/-0.102 χ^2/NDF :815478.9/9

All: 375.752+/-0.073 χ^2/NDF : 1310516.9/17

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: -4.541+/-17.680 χ^2/NDF :14.3/9

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

Left In: 4.973+/-19.180 χ^2/NDF :10.5/7

Left: -0.171+/-13.000 χ^2/NDF : 25.0/17

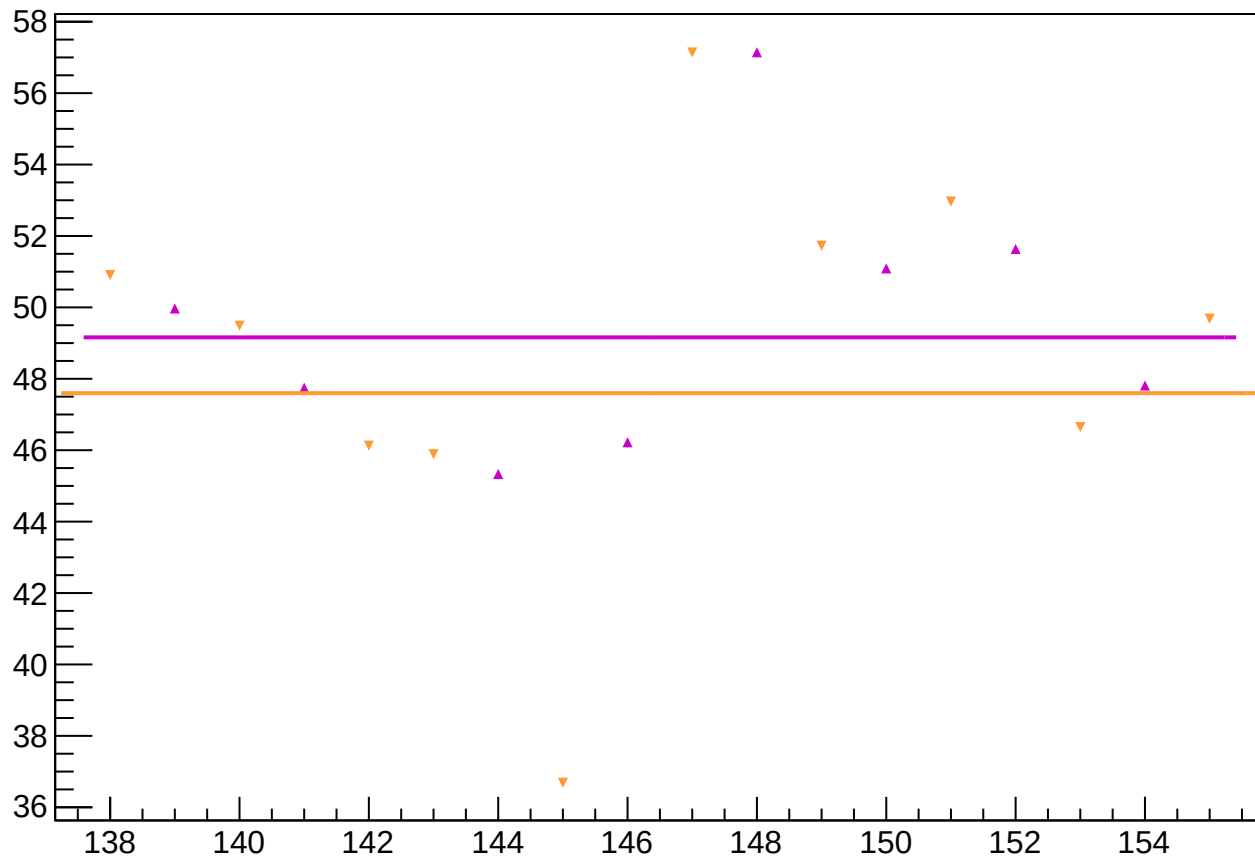
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.973+/-19.180 χ^2/NDF :10.5/7

Out: -4.541+/-17.680 χ^2/NDF :14.3/9

All: -0.171+/-13.000 χ^2/NDF : 25.0/17

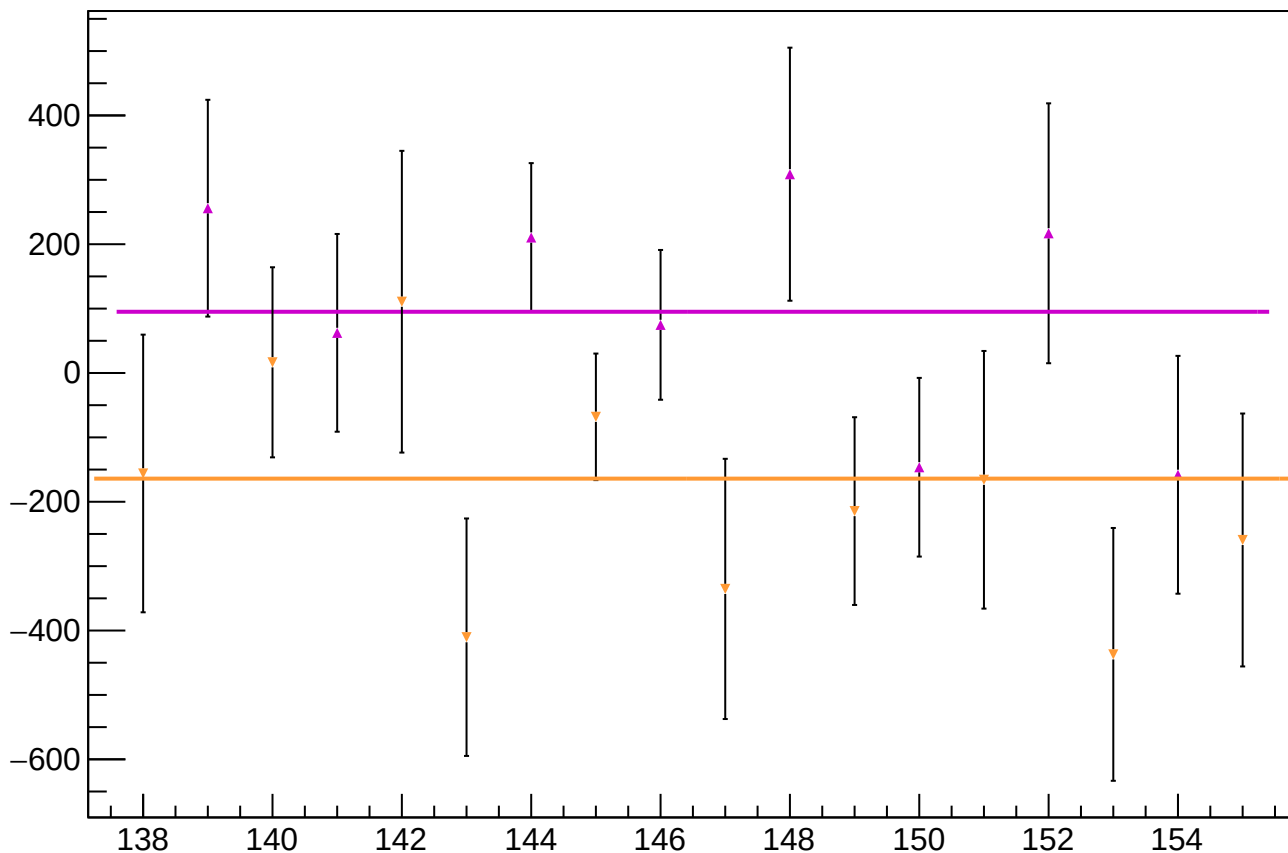
dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 47.598 $\pm$ 0.013 χ^2 /NDF:218126.7/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 49.160 $\pm$ 0.014 χ^2 /NDF:59164.9/7

Left: 48.315 $\pm$ 0.009 χ^2 /NDF: 284466.0/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 49.160 $\pm$ 0.014 χ^2 /NDF:59164.9/7
 Out: 47.598 $\pm$ 0.013 χ^2 /NDF:218126.7/9
 All: 48.315 $\pm$ 0.009 χ^2 /NDF: 284466.0/17

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: -164.066+/-52.201 χ^2/NDF : 8.6/9

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

Left In: 95.085+/-52.831 χ^2/NDF : 8.4/7

Left: -36.044+/-37.132 χ^2/NDF : 29.2/17

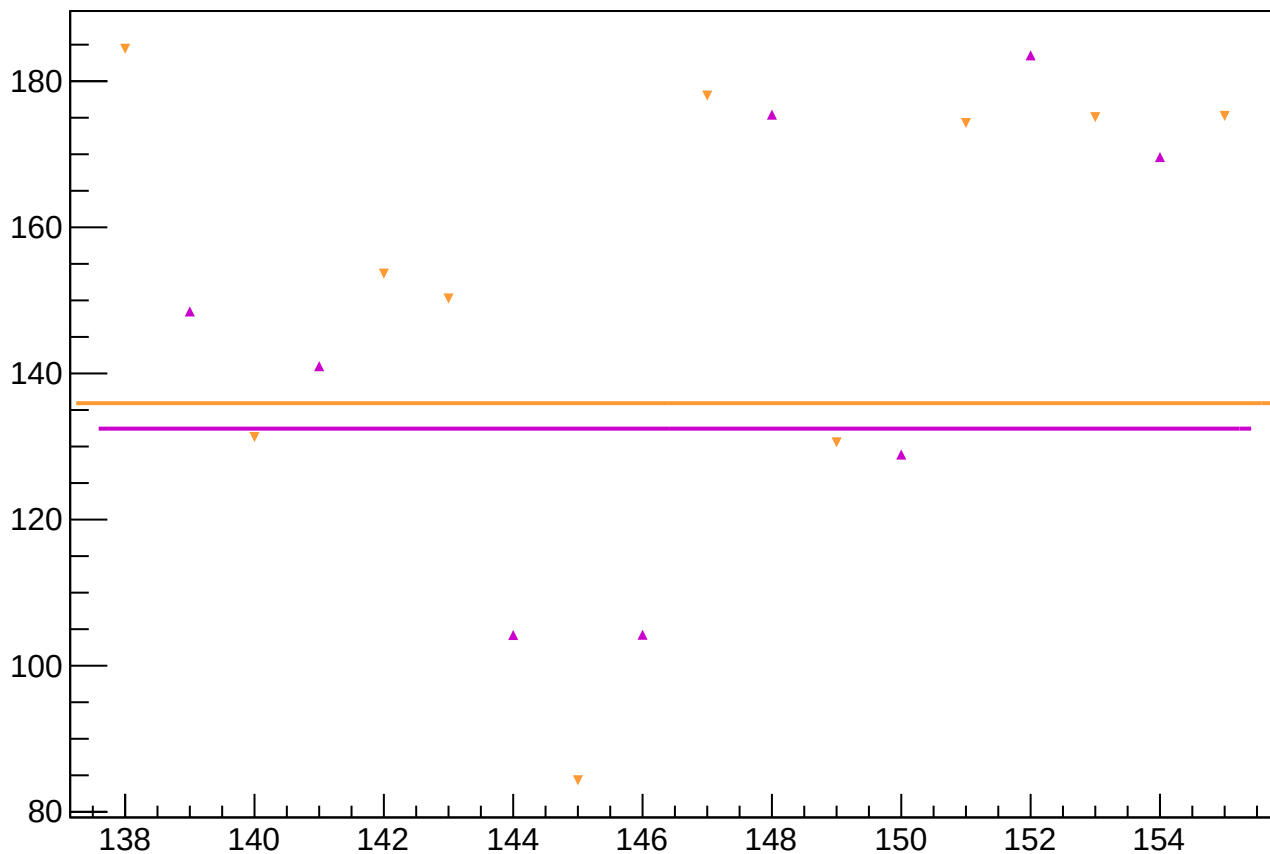
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 95.085+/-52.831 χ^2/NDF : 8.4/7

Out: -164.066+/-52.201 χ^2/NDF : 8.6/9

All: -36.044+/-37.132 χ^2/NDF : 29.2/17

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 135.932+/-0.037 χ^2/NDF :1001120.5/9

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

Left In: 132.447+/-0.037 χ^2/NDF :567707.4/7

Left: 134.210+/-0.026 χ^2/NDF : 1573232.5/17

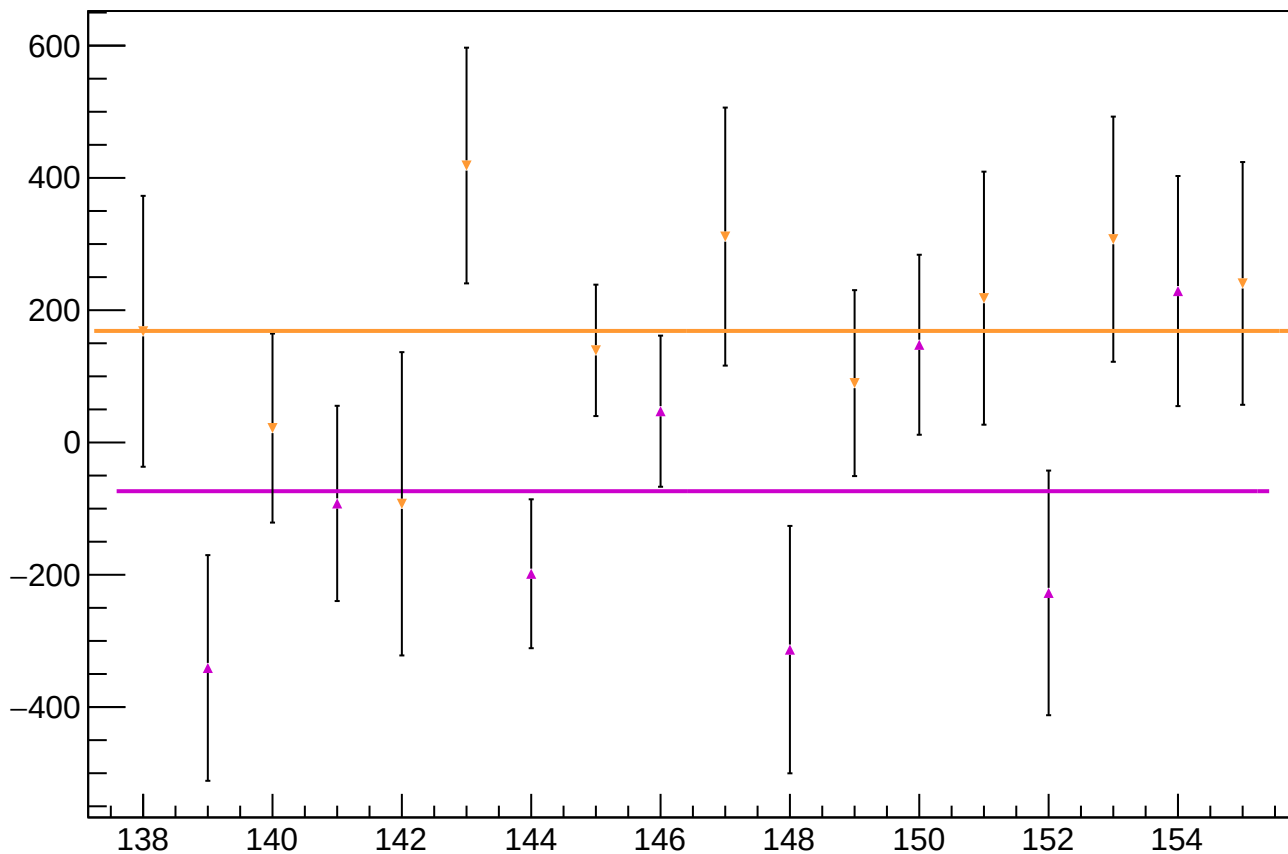
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.447+/-0.037 χ^2/NDF :567707.4/7

Out: 135.932+/-0.037 χ^2/NDF :1001120.5/9

All: 134.210+/-0.026 χ^2/NDF : 1573232.5/17

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 168.661+/-50.784 χ^2/NDF : 6.0/9

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

Left In: -73.636+/-51.250 χ^2/NDF : 12.8/7

Left: 48.619+/-36.073 χ^2/NDF : 30.1/17

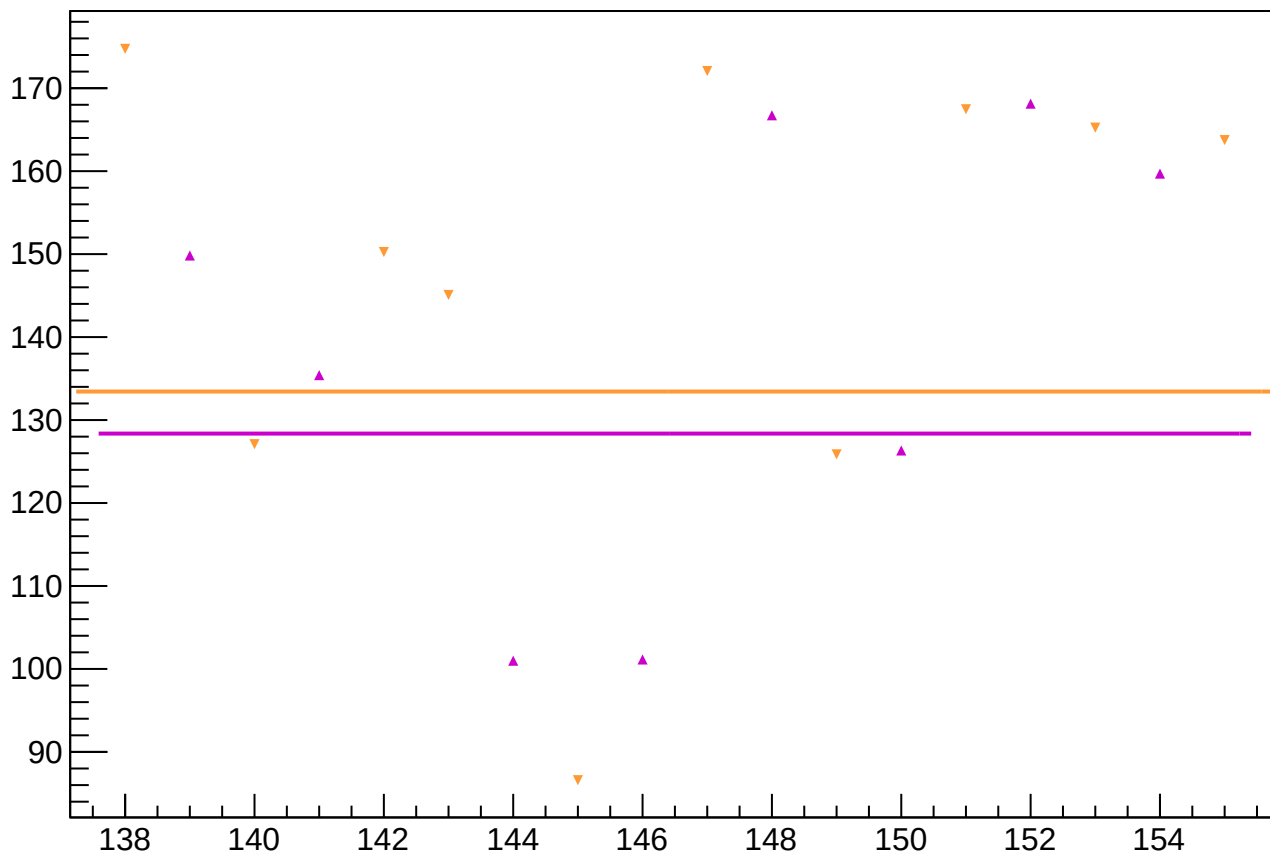
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.636+/-51.250 χ^2/NDF : 12.8/7

Out: 168.661+/-50.784 χ^2/NDF : 6.0/9

All: 48.619+/-36.073 χ^2/NDF : 30.1/17

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 133.437+/-0.036 χ^2/NDF :810535.8/9

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

Left In: 128.368+/-0.036 χ^2/NDF :510156.4/7

Left: 130.926+/-0.026 χ^2/NDF : 1330564.4/17

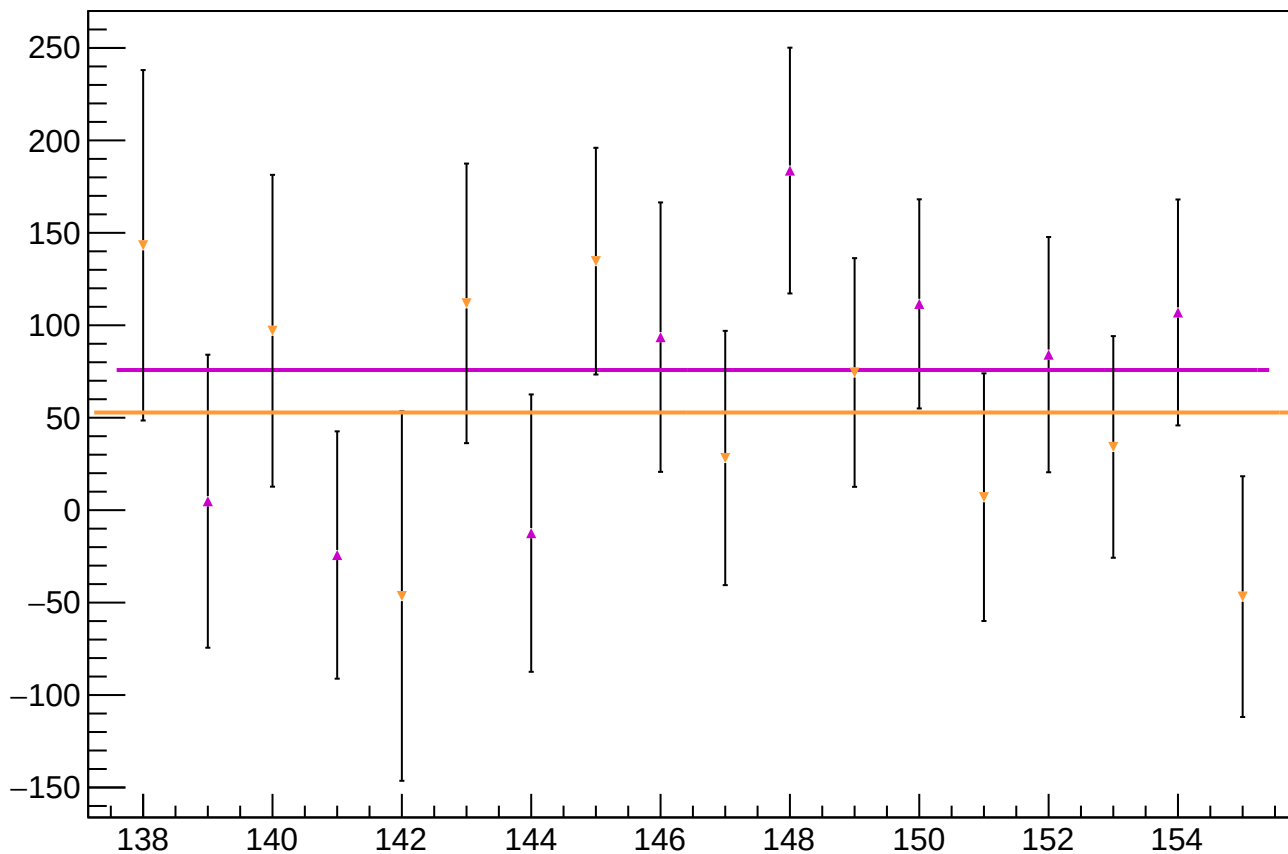
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.368+/-0.036 χ^2/NDF :510156.4/7

Out: 133.437+/-0.036 χ^2/NDF :810535.8/9

All: 130.926+/-0.026 χ^2/NDF : 1330564.4/17

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 52.828+/-22.344 χ^2/NDF : 7.7/9

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

Left In: 75.801+/-23.554 χ^2/NDF : 7.8/7

Left: 63.709+/-16.210 χ^2/NDF : 16.0/17

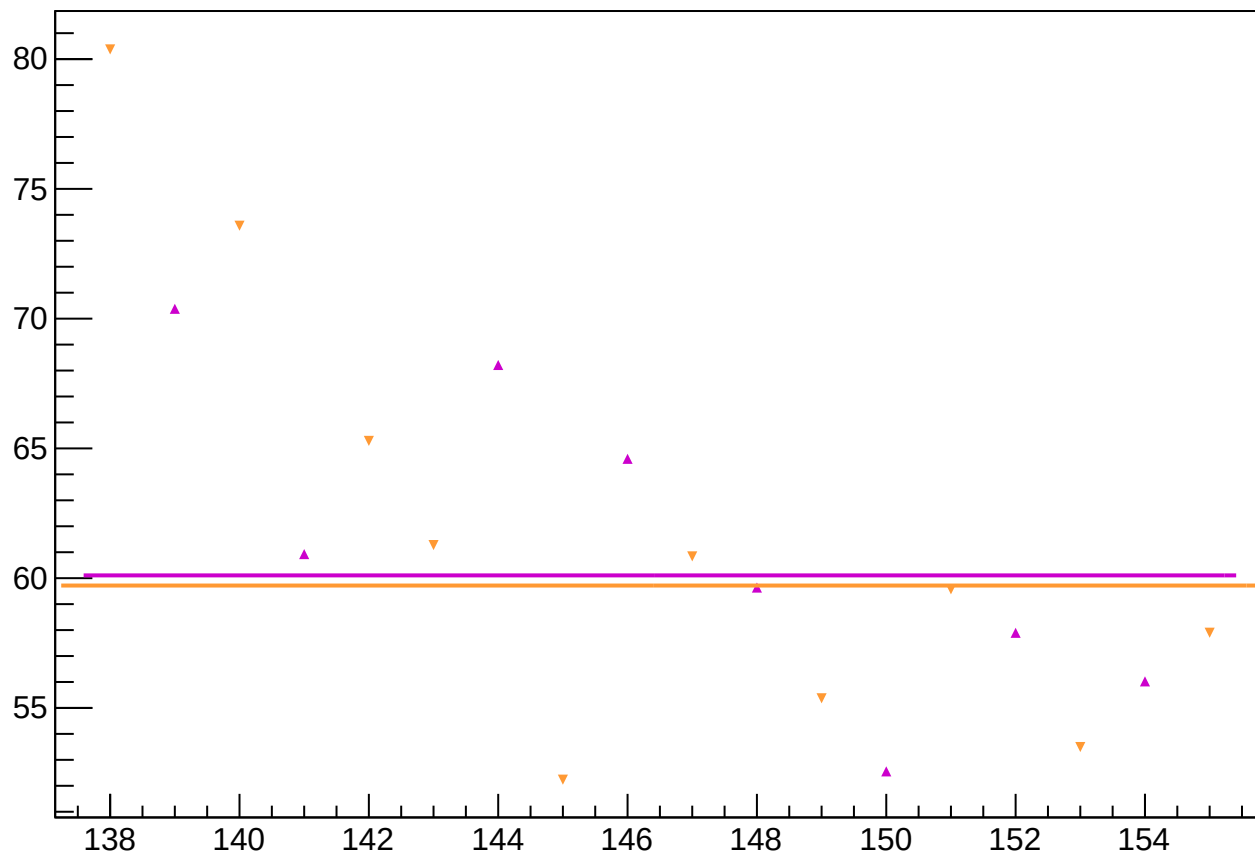
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 75.801+/-23.554 χ^2/NDF : 7.8/7

Out: 52.828+/-22.344 χ^2/NDF : 7.7/9

All: 63.709+/-16.210 χ^2/NDF : 16.0/17

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 59.716+/-0.016 χ^2/NDF :219447.3/9

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

Left In: 60.107+/-0.017 χ^2/NDF :111972.1/7

Left: 59.902+/-0.011 χ^2/NDF : 331709.5/17

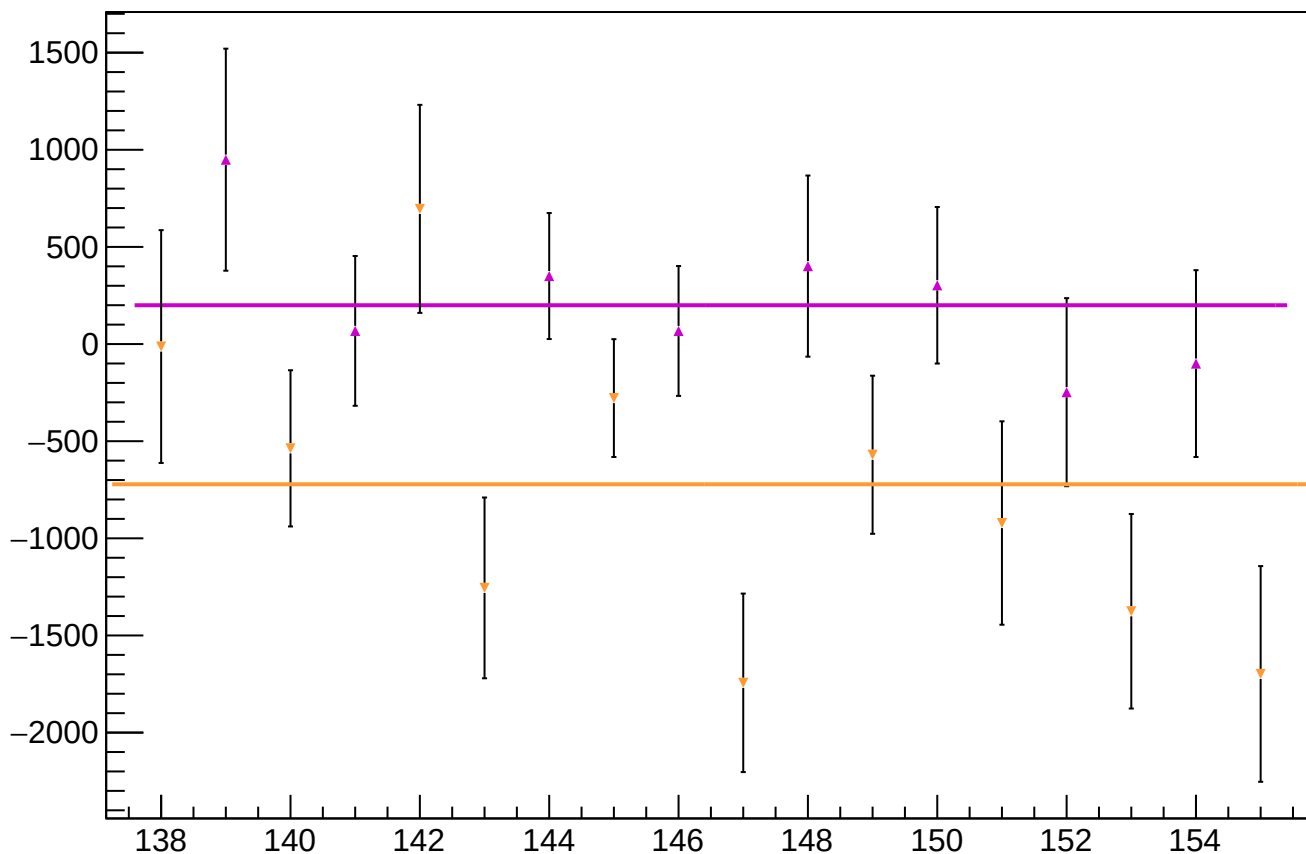
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.107+/-0.017 χ^2/NDF :111972.1/7

Out: 59.716+/-0.016 χ^2/NDF :219447.3/9

All: 59.902+/-0.011 χ^2/NDF : 331709.5/17

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -721.848+/-141.975 χ^2/NDF :22.1/9

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

Left In: 199.788+/-144.933 χ^2/NDF :3.7/7

Left: -270.530+/-101.421 χ^2/NDF : 46.4/17

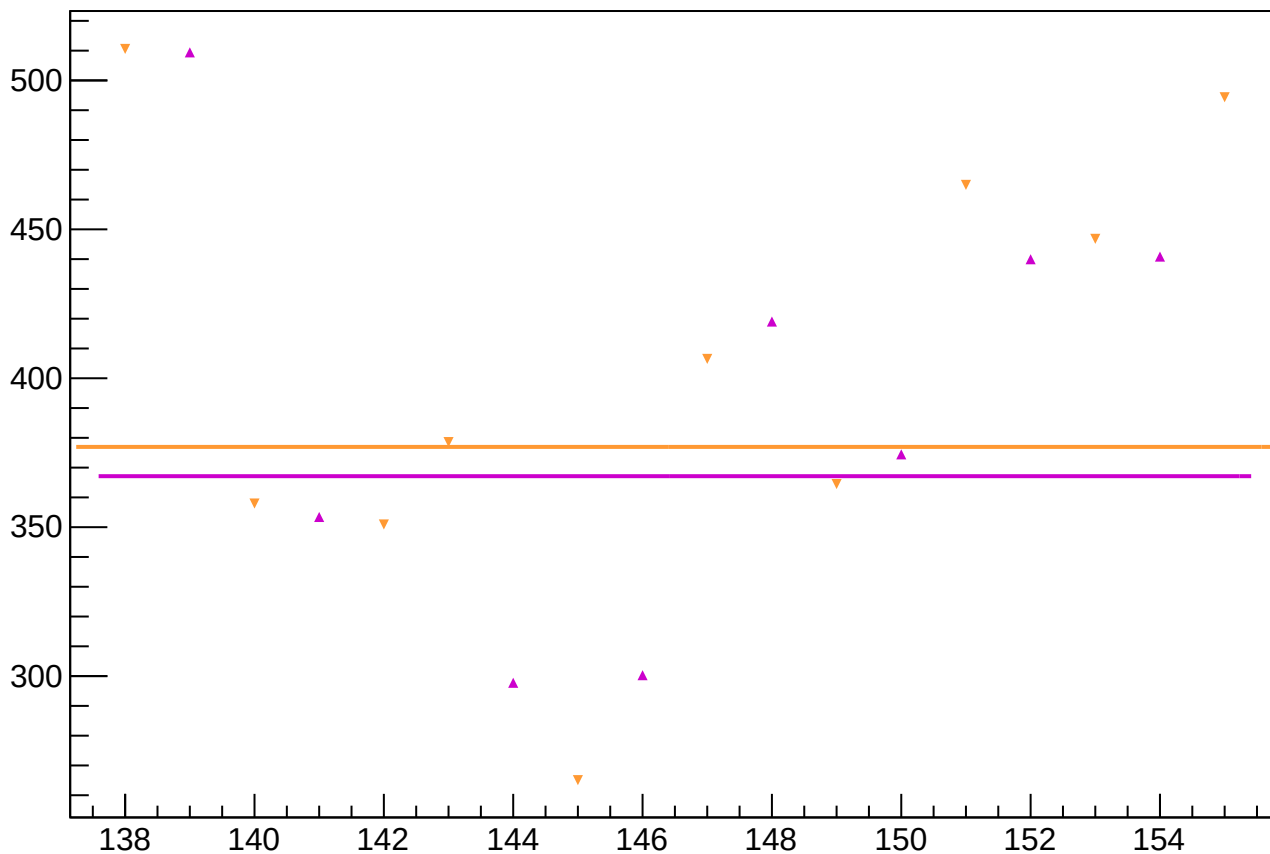
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.788+/-144.933 χ^2/NDF :3.7/7

Out: -721.848+/-141.975 χ^2/NDF :22.1/9

All: -270.530+/-101.421 χ^2/NDF : 46.4/17

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 376.955+/-0.100 χ^2/NDF :575871.1/9

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

Left In: 367.125+/-0.102 χ^2/NDF :415713.8/7

Left: 372.141+/-0.072 χ^2/NDF : 996279.7/17

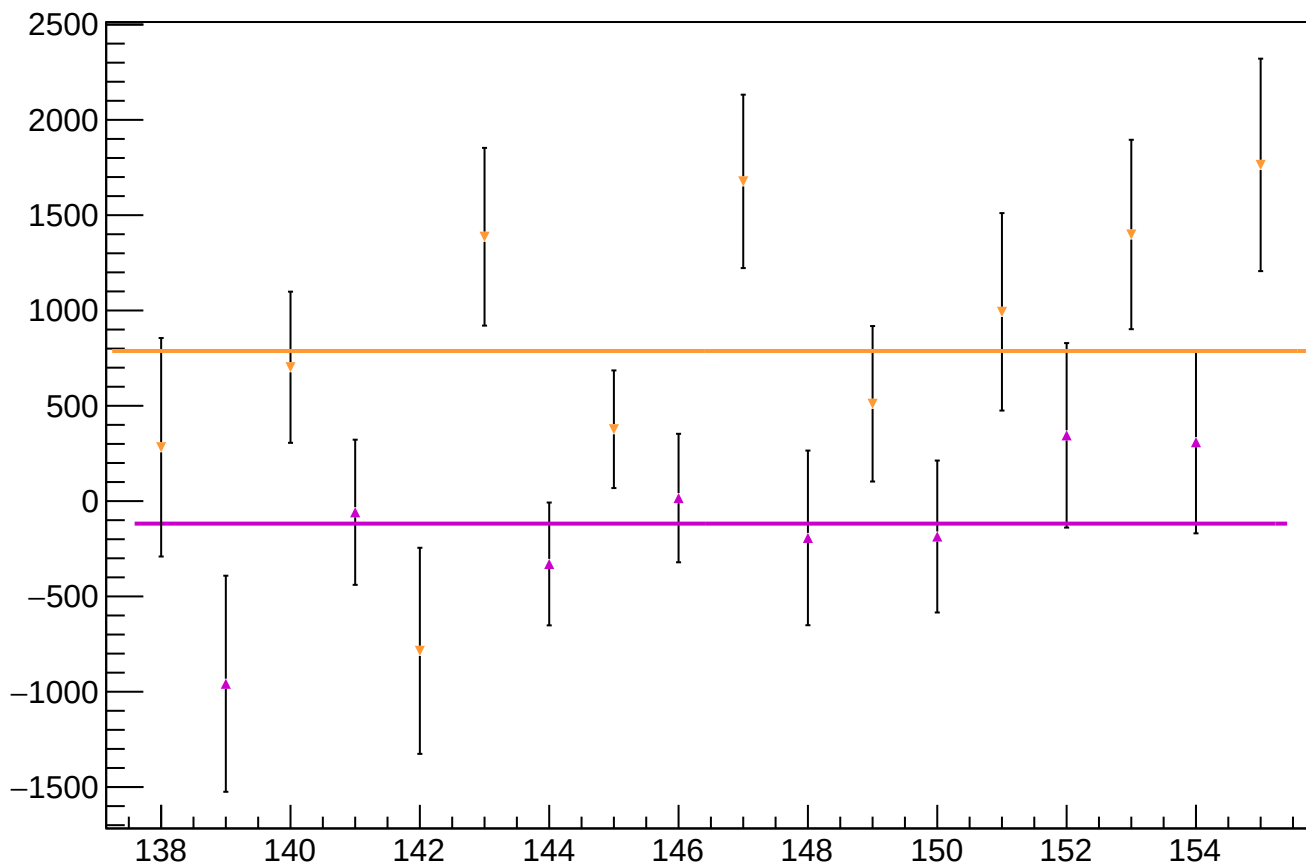
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.125+/-0.102 χ^2/NDF :415713.8/7

Out: 376.955+/-0.100 χ^2/NDF :575871.1/9

All: 372.141+/-0.072 χ^2/NDF : 996279.7/17

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 787.599+/-141.739 χ^2/NDF :21.7/9

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

Left In: -118.092+/-144.105 χ^2/NDF :4.6/7

Left: 342.249+/-101.051 χ^2/NDF : 46.4/17

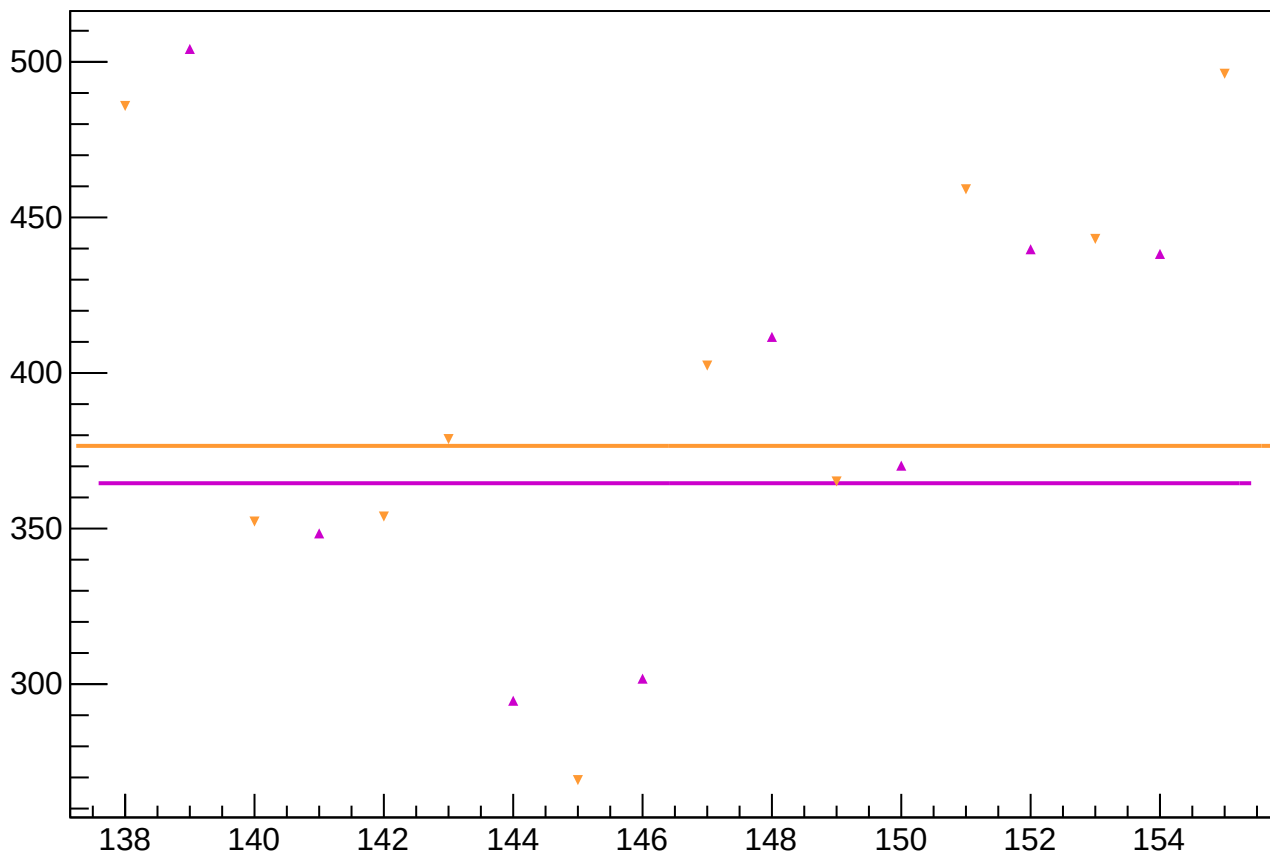
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -118.092+/-144.105 χ^2/NDF :4.6/7

Out: 787.599+/-141.739 χ^2/NDF :21.7/9

All: 342.249+/-101.051 χ^2/NDF : 46.4/17

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 376.577+/-0.100 χ^2/NDF :512895.8/9

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

Left In: 364.572+/-0.102 χ^2/NDF :405836.6/7

Left: 370.674+/-0.071 χ^2/NDF : 925788.2/17

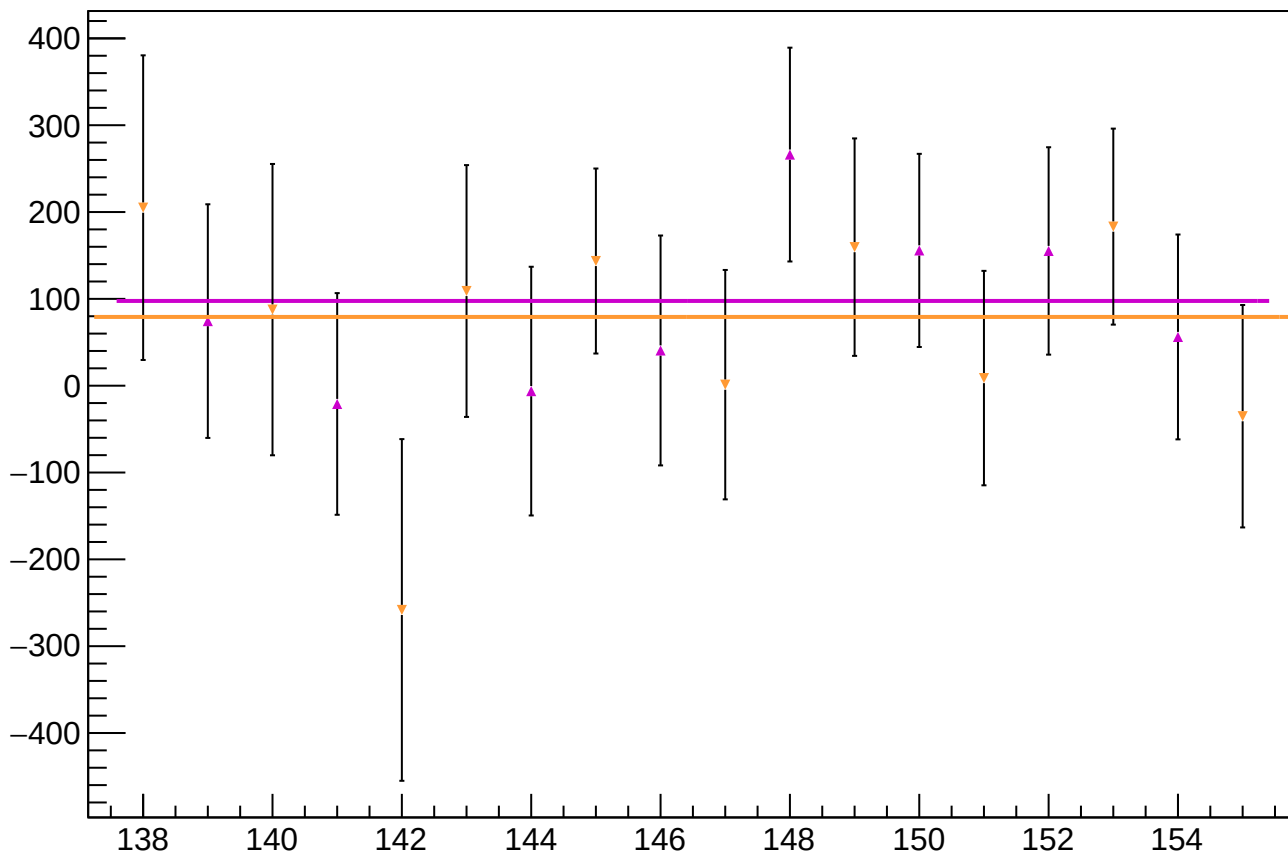
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.572+/-0.102 χ^2/NDF :405836.6/7

Out: 376.577+/-0.100 χ^2/NDF :512895.8/9

All: 370.674+/-0.071 χ^2/NDF : 925788.2/17

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 79.187+/-42.424 χ^2/NDF : 6.6/9

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

Left In: 97.609+/-44.229 χ^2/NDF : 4.1/7

Left: 88.015+/-30.616 χ^2/NDF : 10.8/17

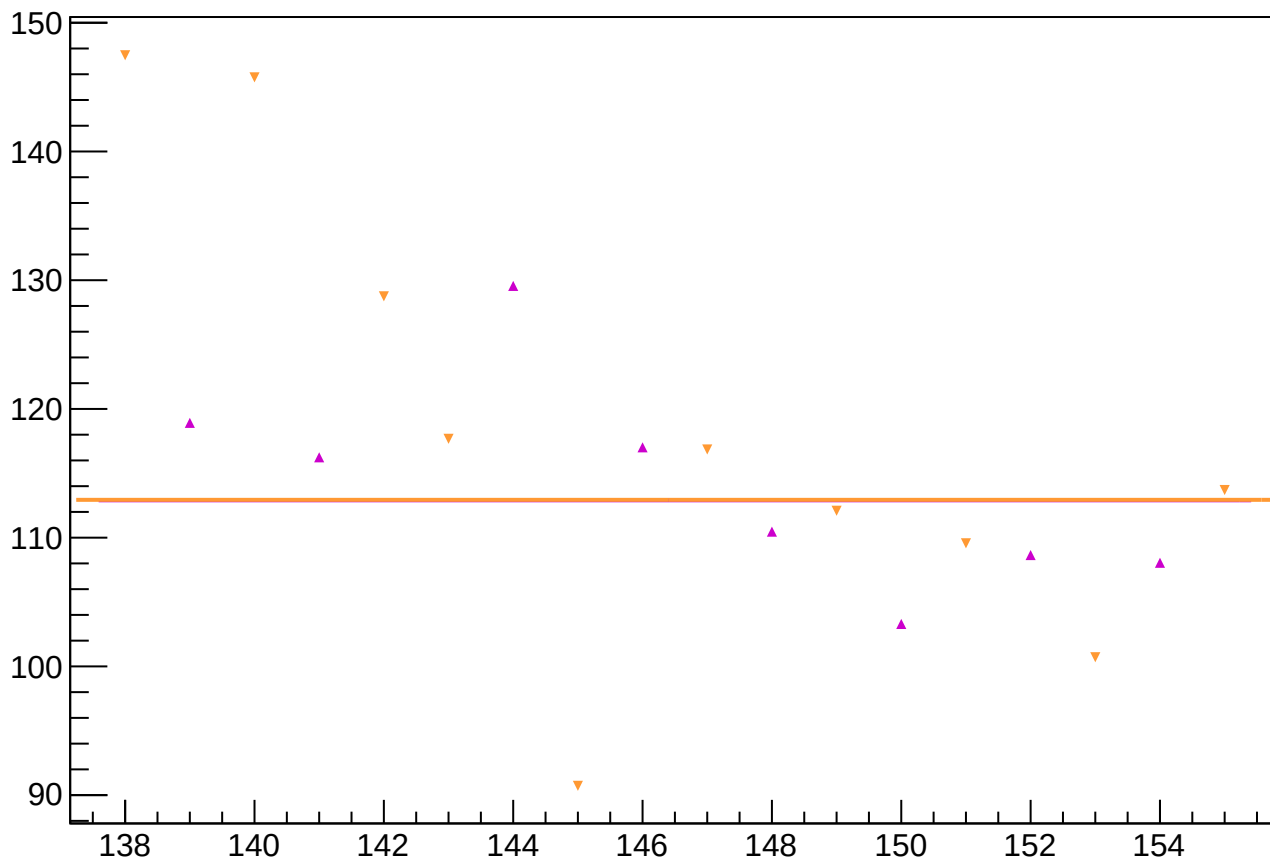
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 97.609+/-44.229 χ^2/NDF : 4.1/7

Out: 79.187+/-42.424 χ^2/NDF : 6.6/9

All: 88.015+/-30.616 χ^2/NDF : 10.8/17

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.939+/-0.030 χ^2/NDF :282969.0/9

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

Left In: 112.903+/-0.031 χ^2/NDF :55965.1/7

Left: 112.922+/-0.022 χ^2/NDF : 338934.8/17

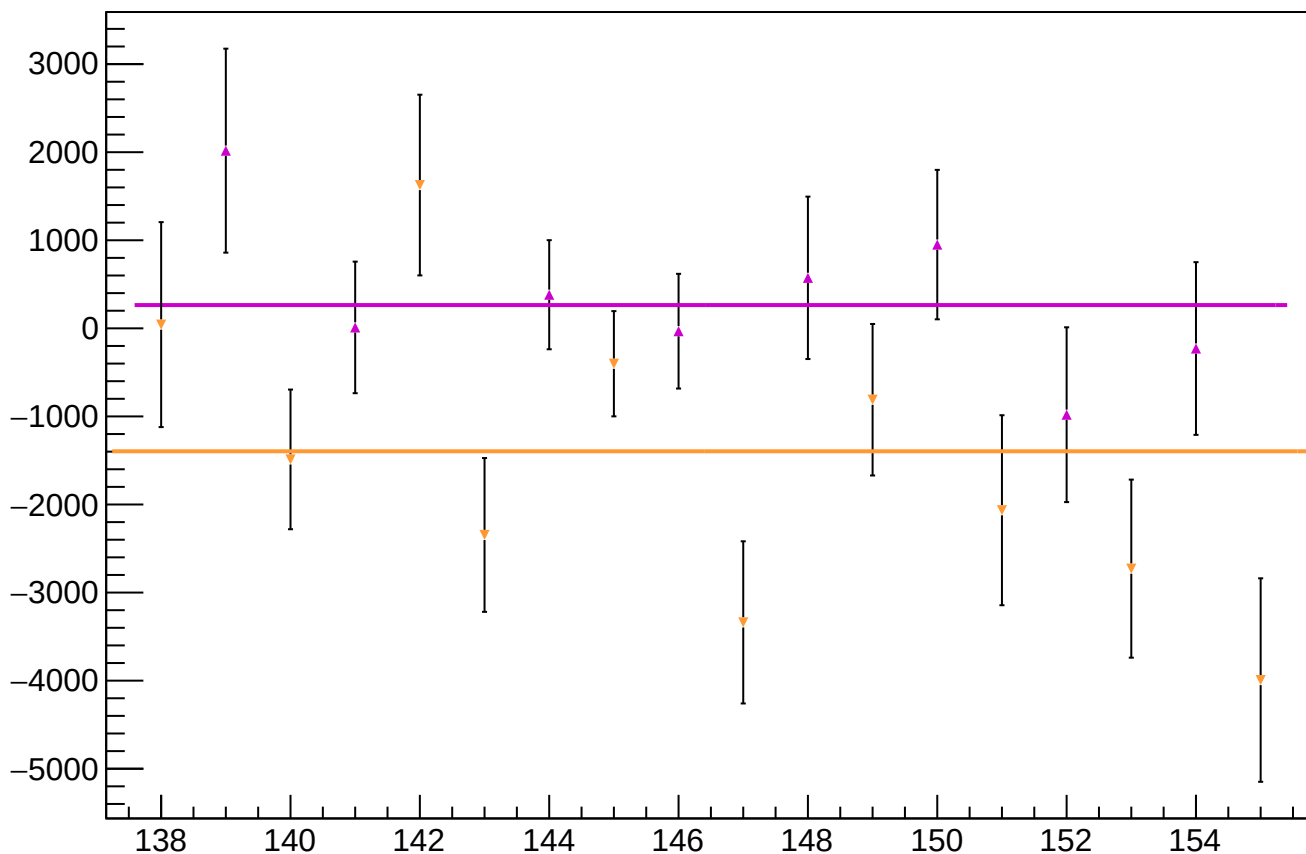
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 112.903+/-0.031 χ^2/NDF :55965.1/7

Out: 112.939+/-0.030 χ^2/NDF :282969.0/9

All: 112.922+/-0.022 χ^2/NDF : 338934.8/17

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1395.808+/-282.713 χ^2/NDF :26.3/9

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

Left In: 264.277+/-287.183 χ^2/NDF :5.2/7

Left: -578.786+/-201.470 χ^2/NDF : 48.5/17

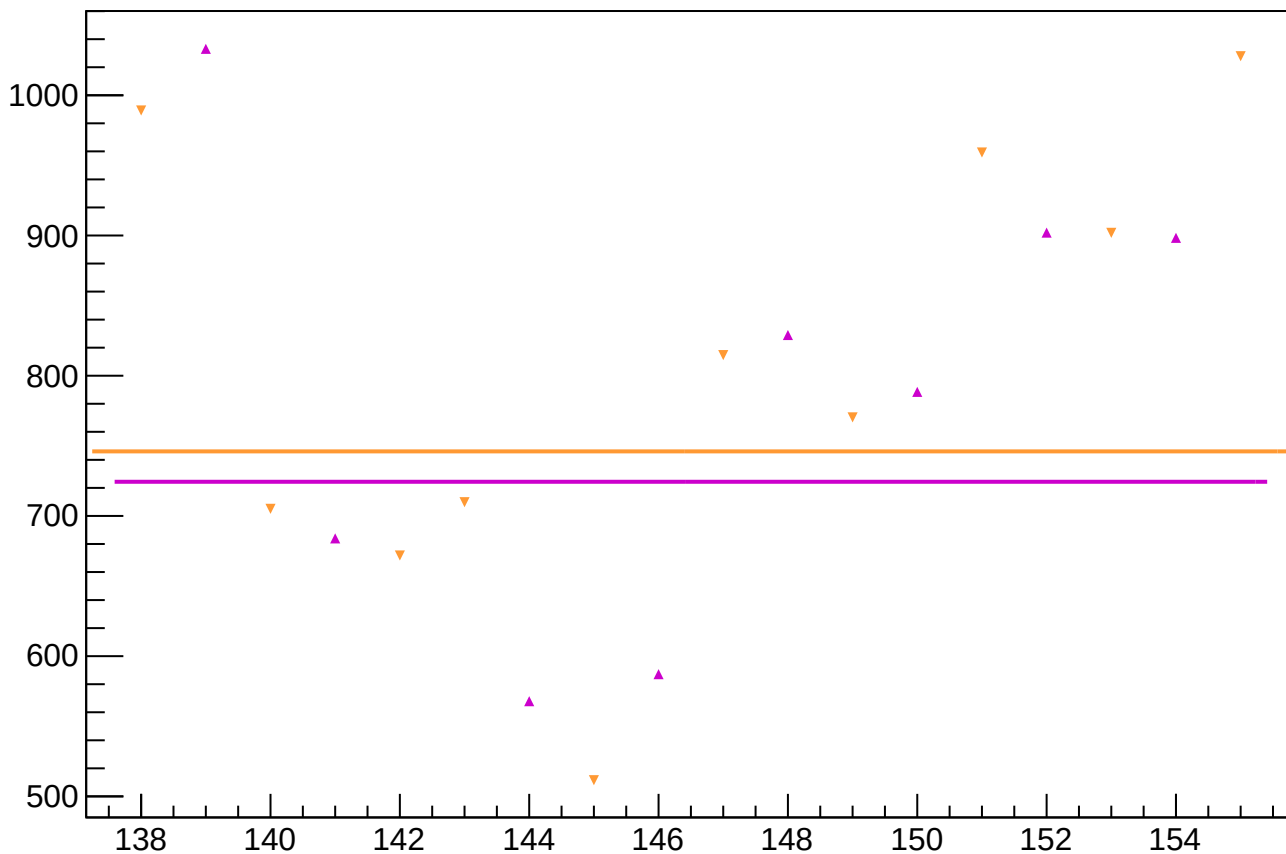
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 264.277+/-287.183 χ^2/NDF :5.2/7

Out: -1395.808+/-282.713 χ^2/NDF :26.3/9

All: -578.786+/-201.470 χ^2/NDF : 48.5/17

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 746.040+/-0.200 χ^2/NDF : 672075.4/9

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

Left In: 724.368+/-0.203 χ^2/NDF : 528800.7/7

Left: 735.374+/-0.142 χ^2/NDF : 1206660.3/17

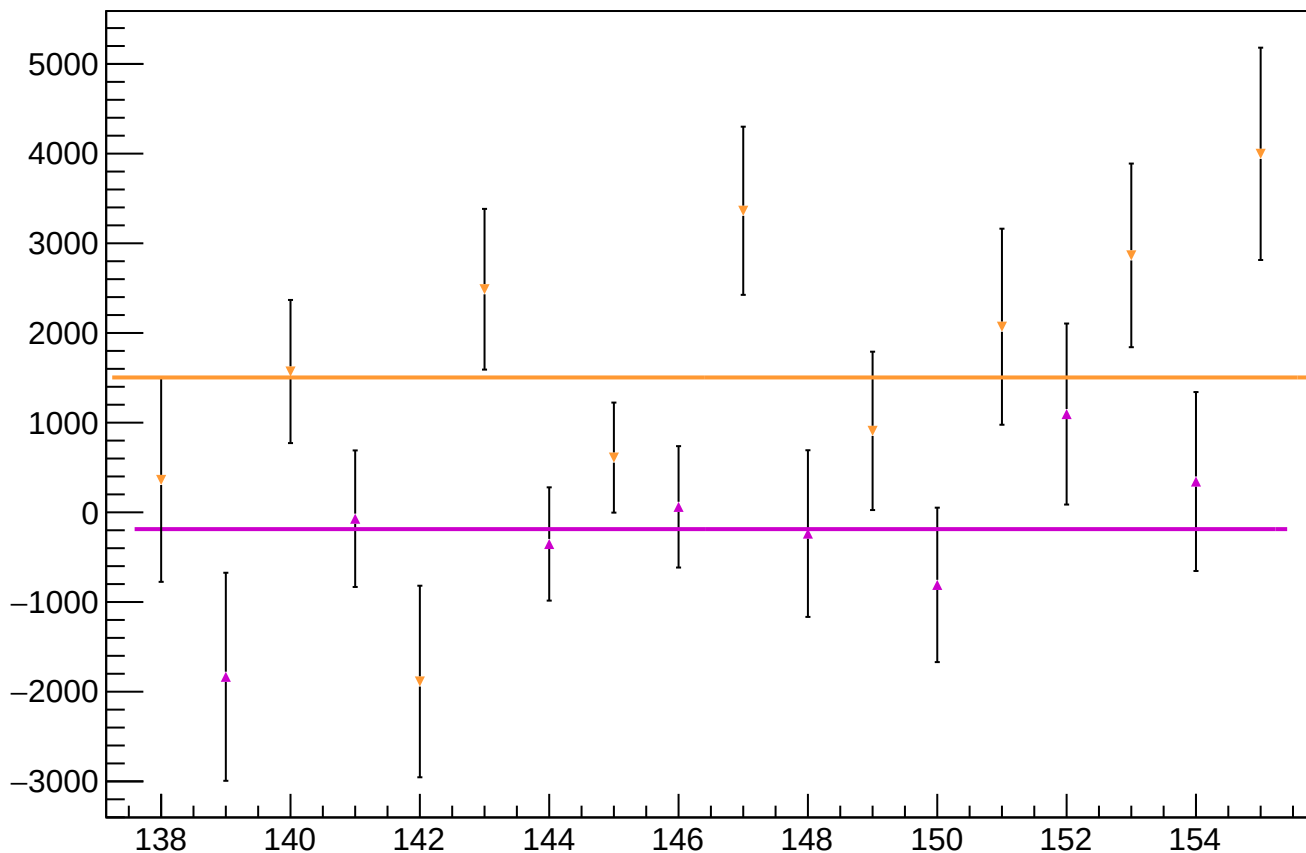
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 724.368+/-0.203 χ^2/NDF : 528800.7/7

Out: 746.040+/-0.200 χ^2/NDF : 672075.4/9

All: 735.374+/-0.142 χ^2/NDF : 1206660.3/17

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1503.959+/-288.104 χ^2/NDF :25.3/9

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

Left In: -187.157+/-292.968 χ^2/NDF :4.7/7

Left: 672.558+/-205.418 χ^2/NDF : 46.9/17

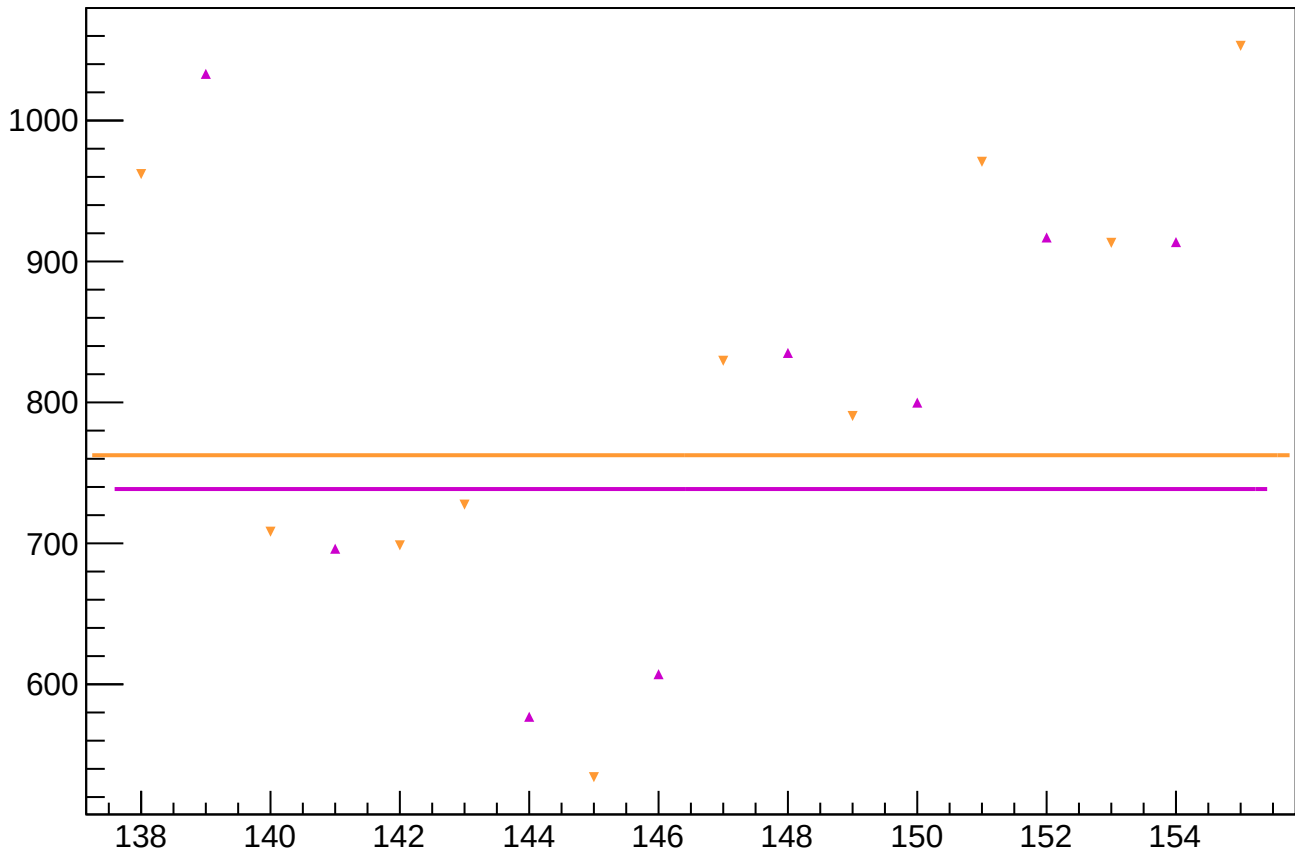
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -187.157+/-292.968 χ^2/NDF :4.7/7

Out: 1503.959+/-288.104 χ^2/NDF :25.3/9

All: 672.558+/-205.418 χ^2/NDF : 46.9/17

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 762.528+/-0.204 χ^2/NDF :606792.2/9

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

Left In: 738.536+/-0.207 χ^2/NDF :497381.9/7

Left: 750.733+/-0.145 χ^2/NDF : 1110992.8/17

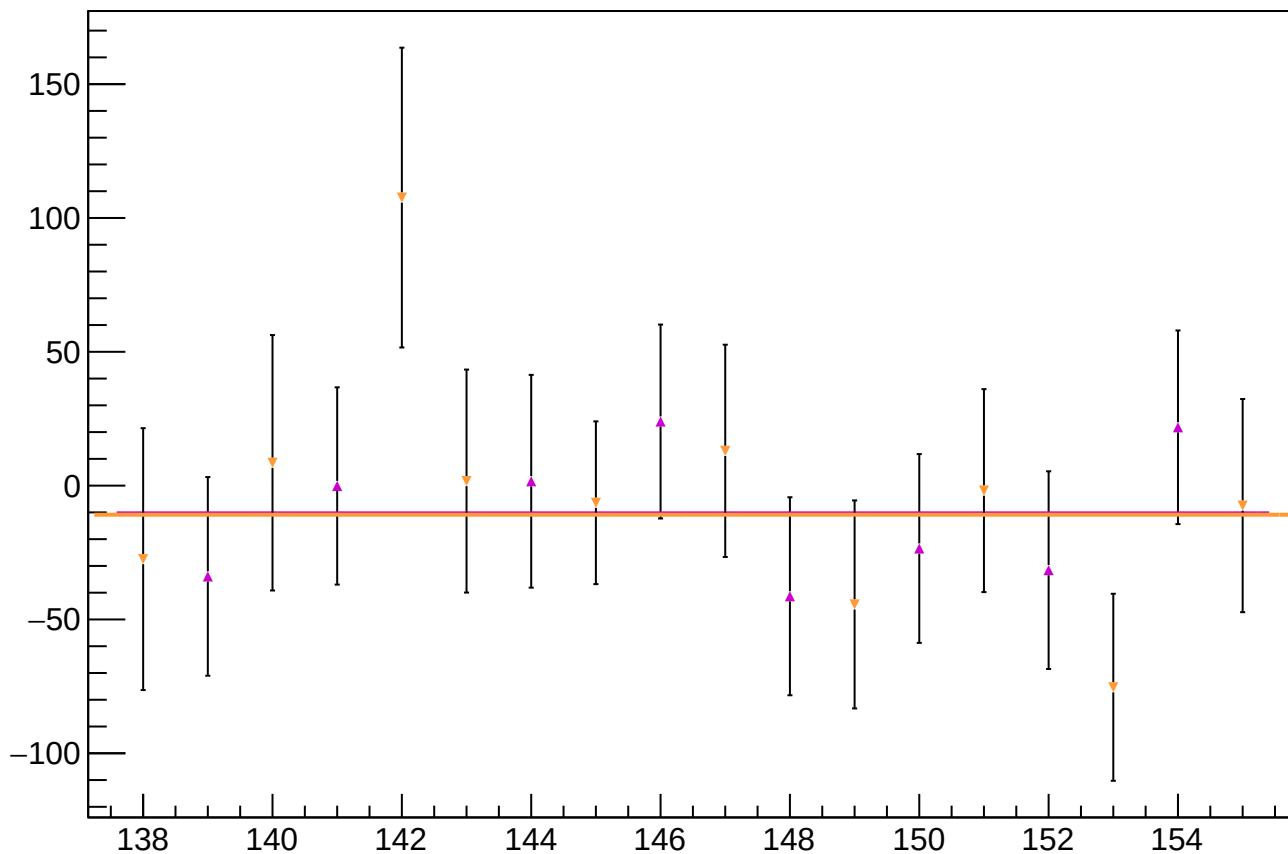
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 738.536+/-0.207 χ^2/NDF :497381.9/7

Out: 762.528+/-0.204 χ^2/NDF :606792.2/9

All: 750.733+/-0.145 χ^2/NDF : 1110992.8/17

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: -10.866+/-12.621 χ^2/NDF : 9.4/9

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

Left In: -10.359+/-13.031 χ^2/NDF : 3.4/7

Left: -10.621+/-9.066 χ^2/NDF : 12.9/17

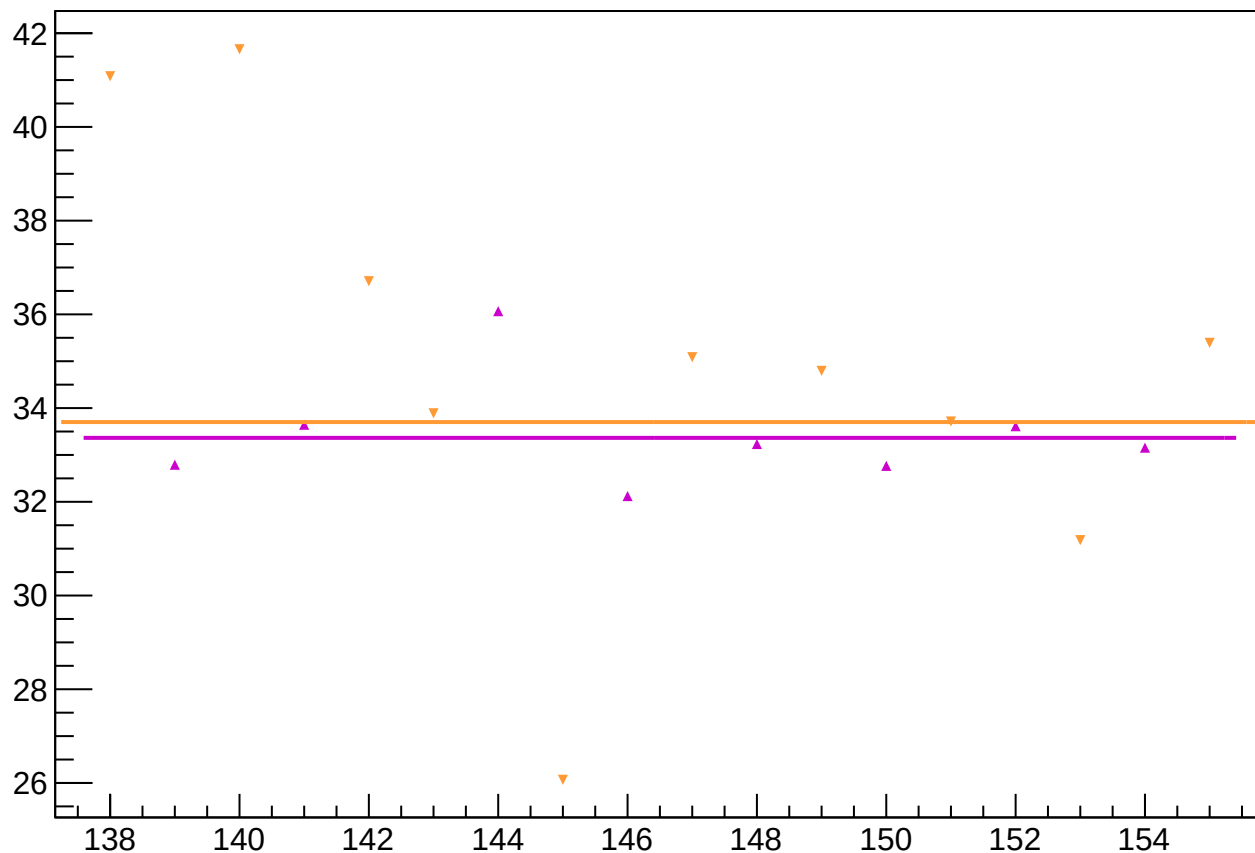
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.359+/-13.031 χ^2/NDF : 3.4/7

Out: -10.866+/-12.621 χ^2/NDF : 9.4/9

All: -10.621+/-9.066 χ^2/NDF : 12.9/17

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 33.702+/-0.009 χ^2/NDF :251037.6/9

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

Left In: 33.365+/-0.009 χ^2/NDF :12952.7/7

Left: 33.539+/-0.006 χ^2/NDF : 264681.5/17

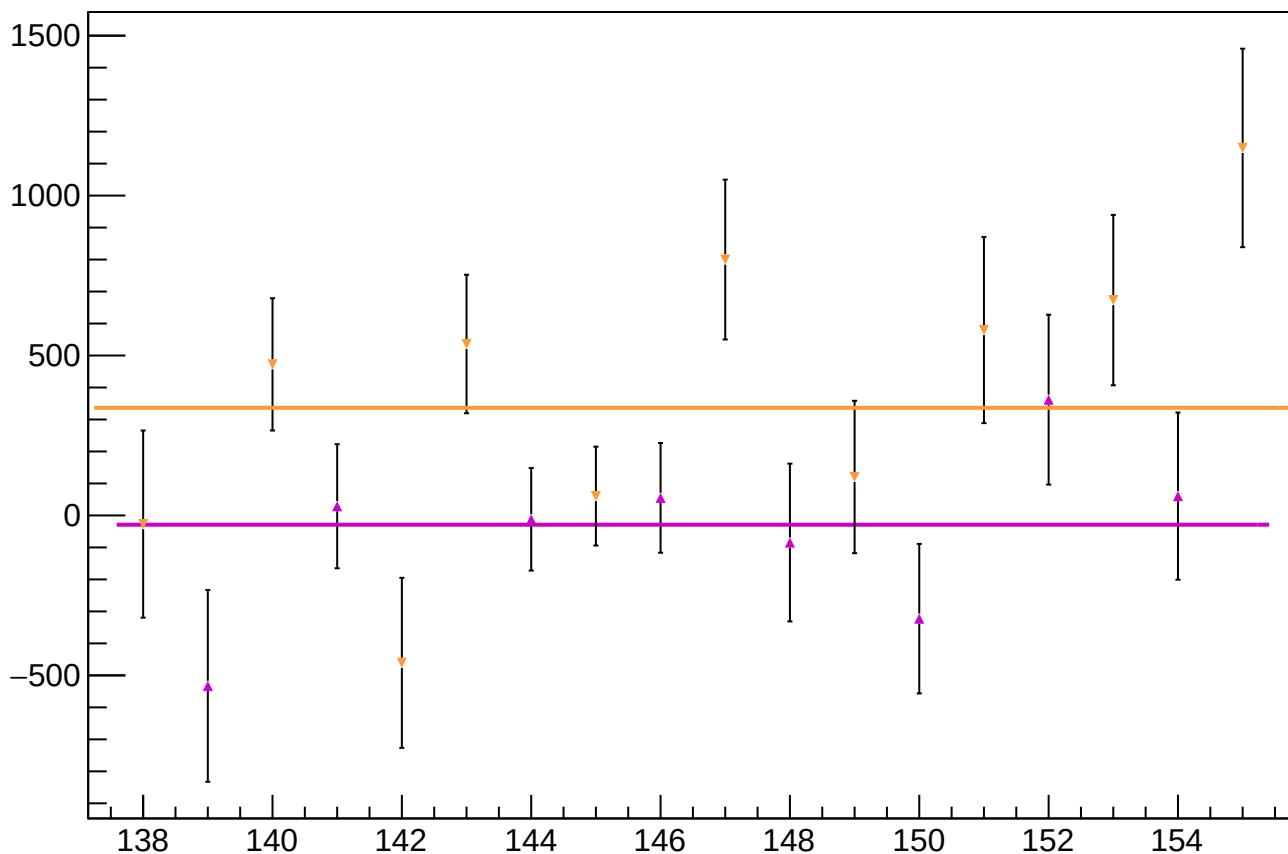
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 33.365+/-0.009 χ^2/NDF :12952.7/7

Out: 33.702+/-0.009 χ^2/NDF :251037.6/9

All: 33.539+/-0.006 χ^2/NDF : 264681.5/17

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: 336.597+/-74.051 χ^2/NDF :28.4/9

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

Left In: -28.944+/-75.765 χ^2/NDF :7.1/7

Left: 158.008+/-52.957 χ^2/NDF : 47.4/17

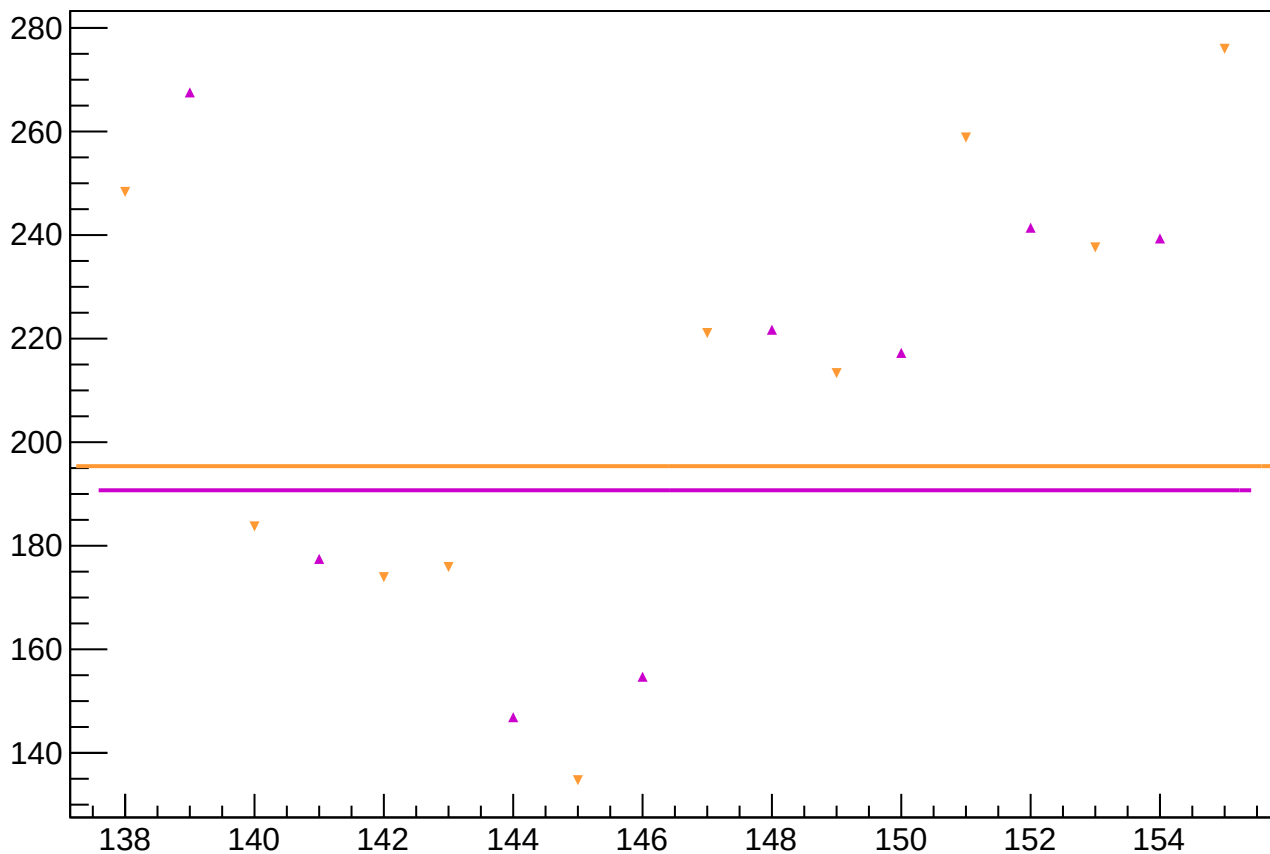
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.944+/-75.765 χ^2/NDF :7.1/7

Out: 336.597+/-74.051 χ^2/NDF :28.4/9

All: 158.008+/-52.957 χ^2/NDF : 47.4/17

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: 195.371+/-0.052 χ^2/NDF : 722035.7/9

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

Left In: 190.713+/-0.054 χ^2/NDF : 577900.7/7

Left: 193.095+/-0.037 χ^2/NDF : 1303802.0/17

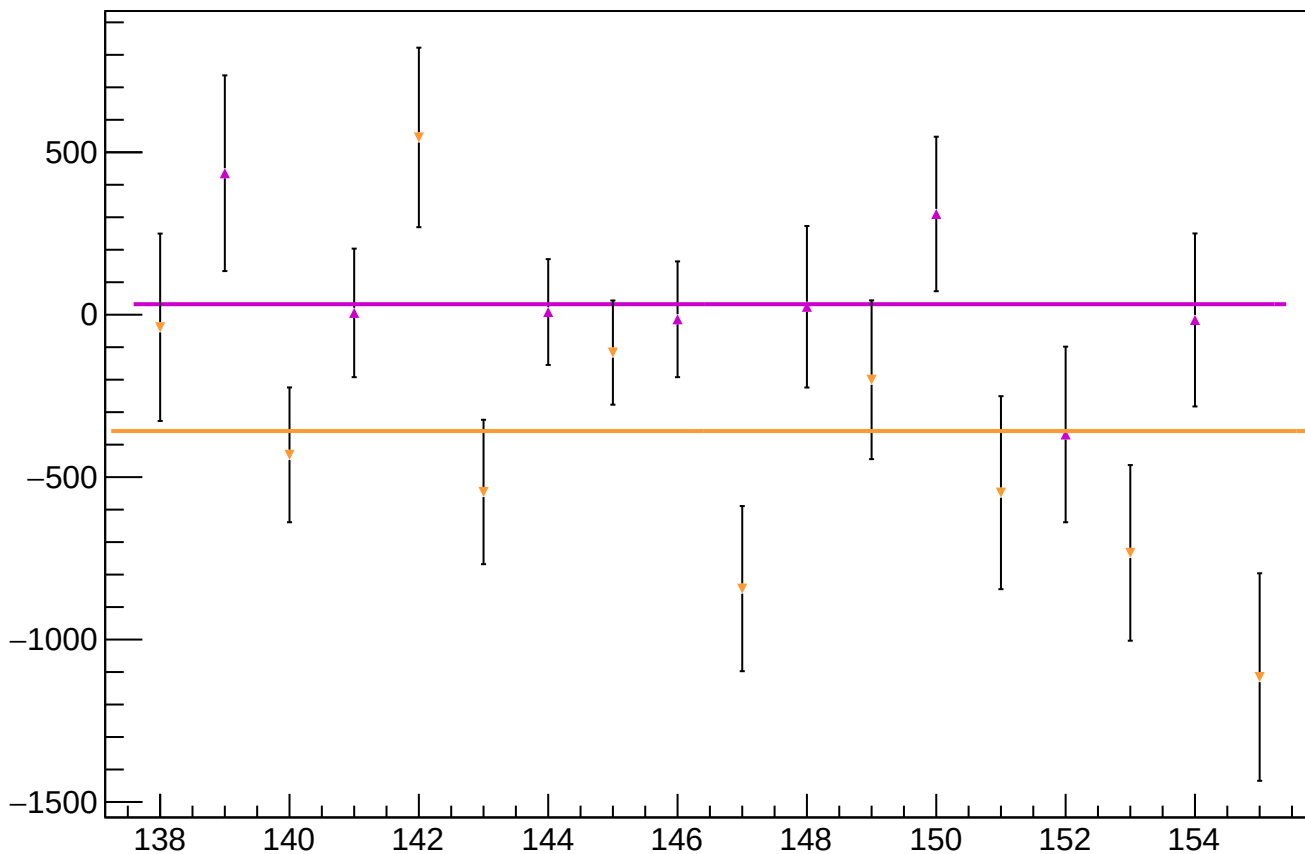
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 190.713+/-0.054 χ^2/NDF : 577900.7/7

Out: 195.371+/-0.052 χ^2/NDF : 722035.7/9

All: 193.095+/-0.037 χ^2/NDF : 1303802.0/17

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -358.117+/-75.696 χ^2/NDF :27.0/9

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

Left In: 32.364+/-77.286 χ^2/NDF :5.5/7

Left: -166.936+/-54.079 χ^2/NDF : 45.6/17

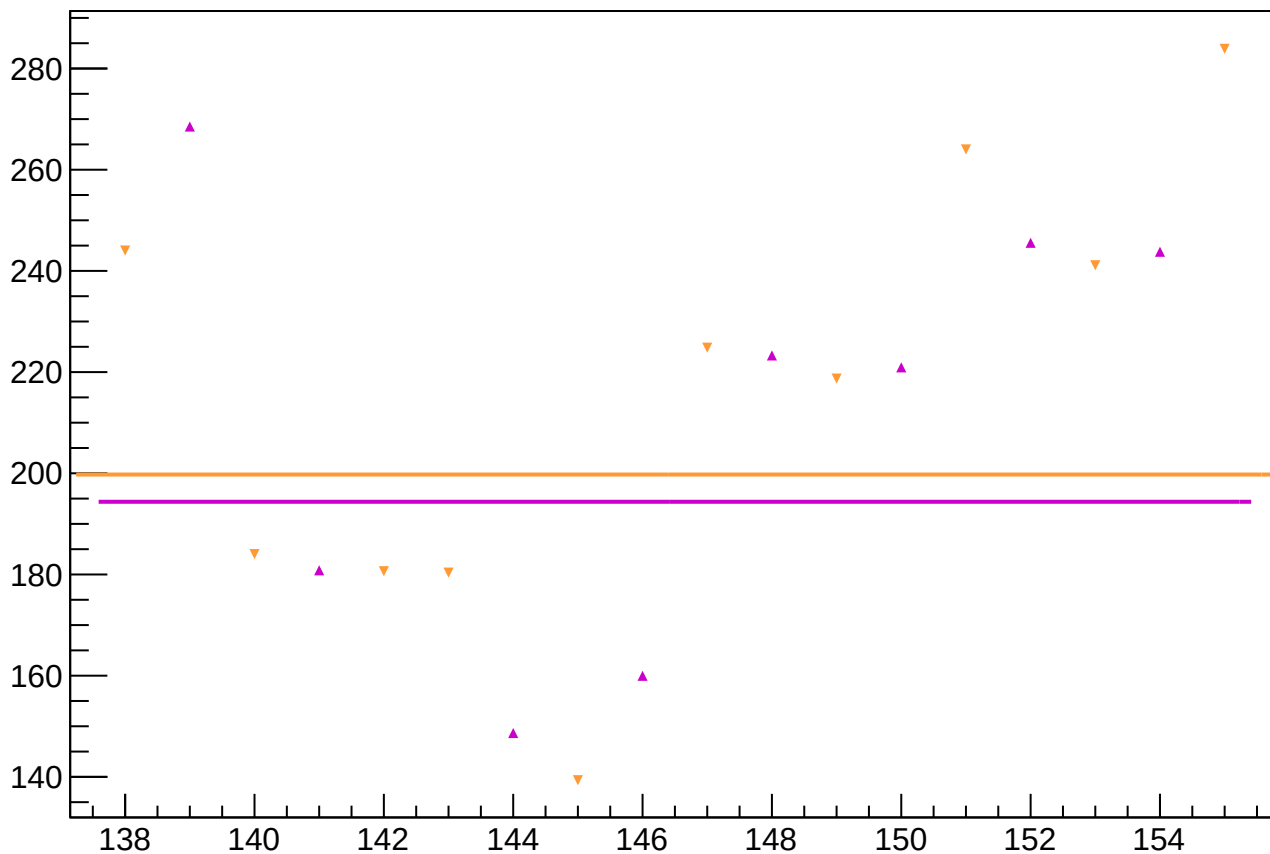
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.364+/-77.286 χ^2/NDF :5.5/7

Out: -358.117+/-75.696 χ^2/NDF :27.0/9

All: -166.936+/-54.079 χ^2/NDF : 45.6/17

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 199.754+/-0.054 χ^2/NDF : 678001.8/9

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

Left In: 194.371+/-0.055 χ^2/NDF : 555221.1/7

Left: 197.118+/-0.038 χ^2/NDF : 1238173.2/17

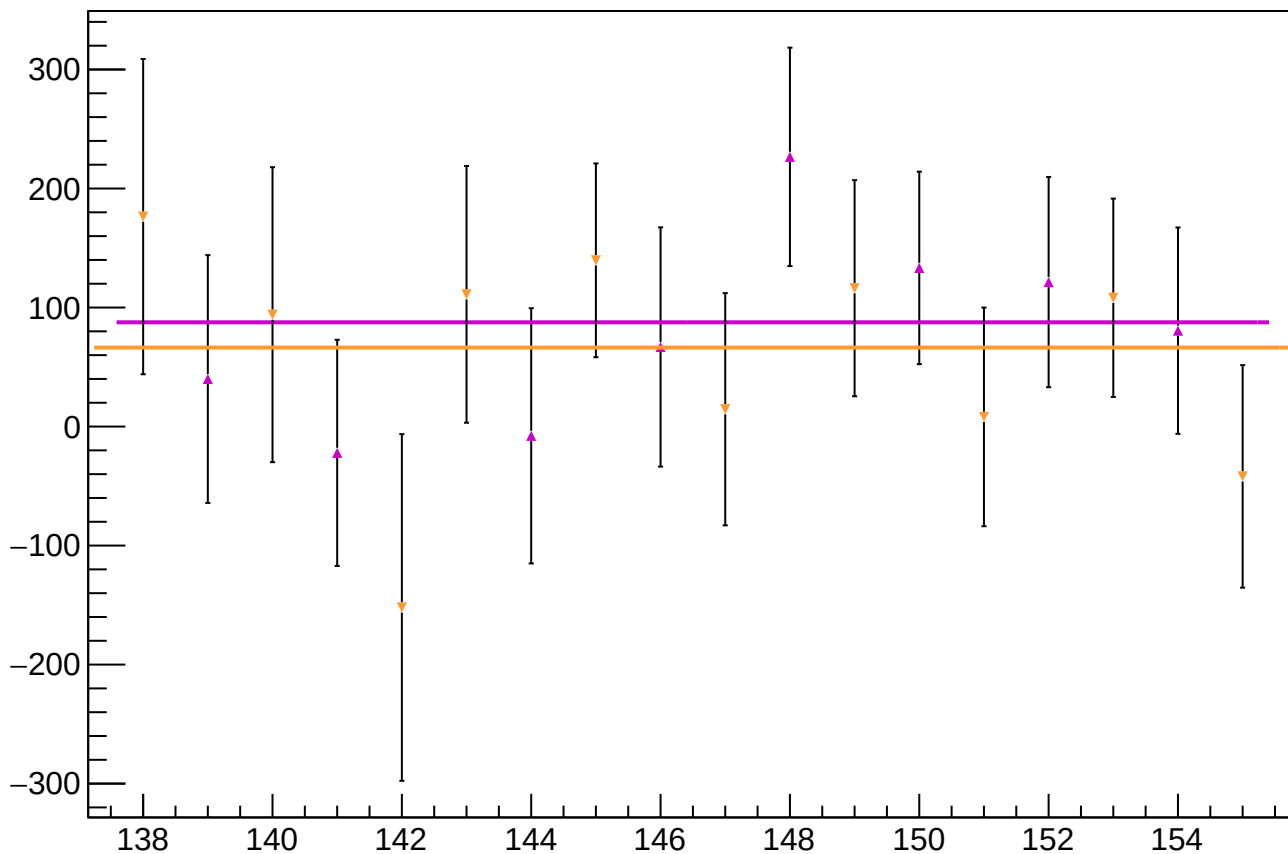
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.371+/-0.055 χ^2/NDF : 555221.1/7

Out: 199.754+/-0.054 χ^2/NDF : 678001.8/9

All: 197.118+/-0.038 χ^2/NDF : 1238173.2/17

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 66.381 $\pm$ 31.475 χ^2 /NDF:6.5/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 87.586 $\pm$ 32.934 χ^2 /NDF:5.1/7

Left: 76.503 $\pm$ 22.754 χ^2 /NDF: 11.9/17

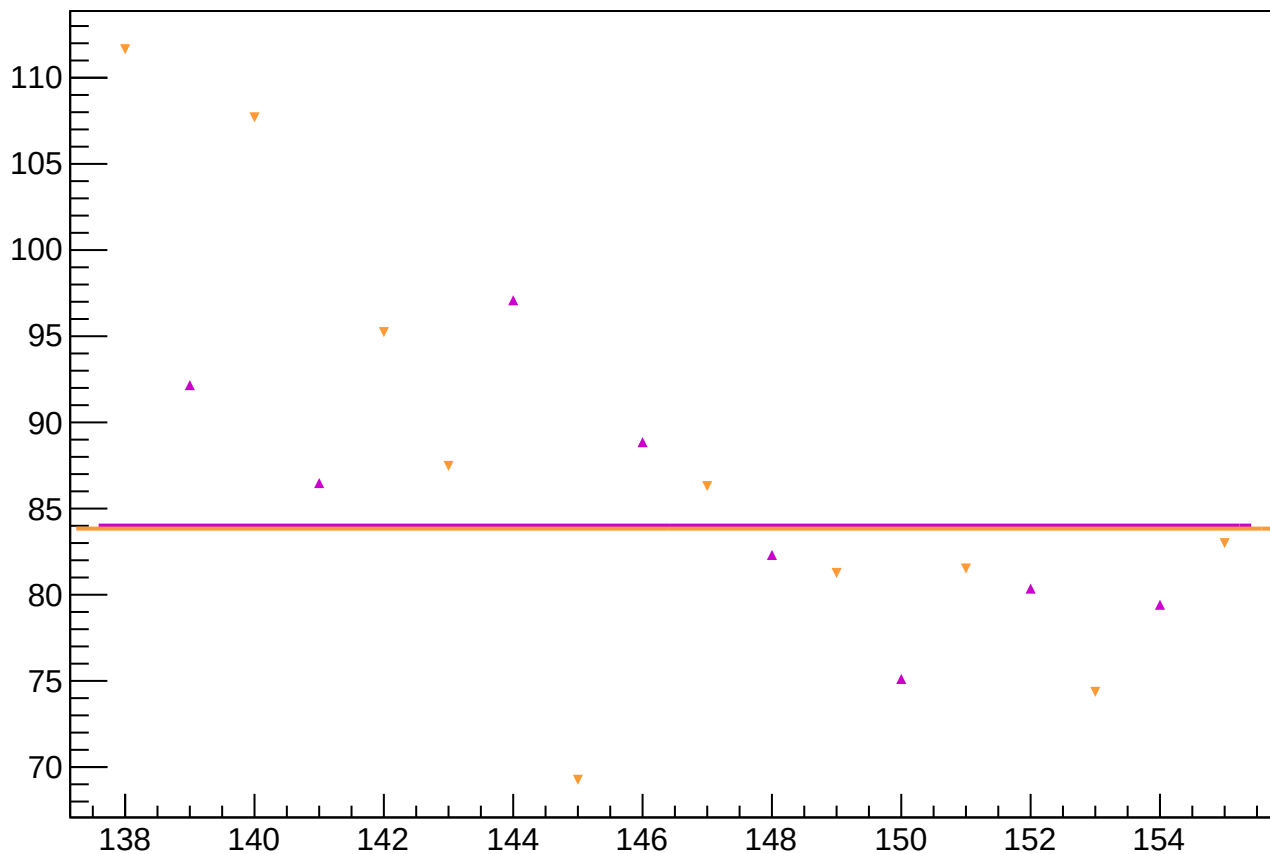
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 87.586 $\pm$ 32.934 χ^2 /NDF:5.1/7

Out: 66.381 $\pm$ 31.475 χ^2 /NDF:6.5/9

All: 76.503 $\pm$ 22.754 χ^2 /NDF: 11.9/17

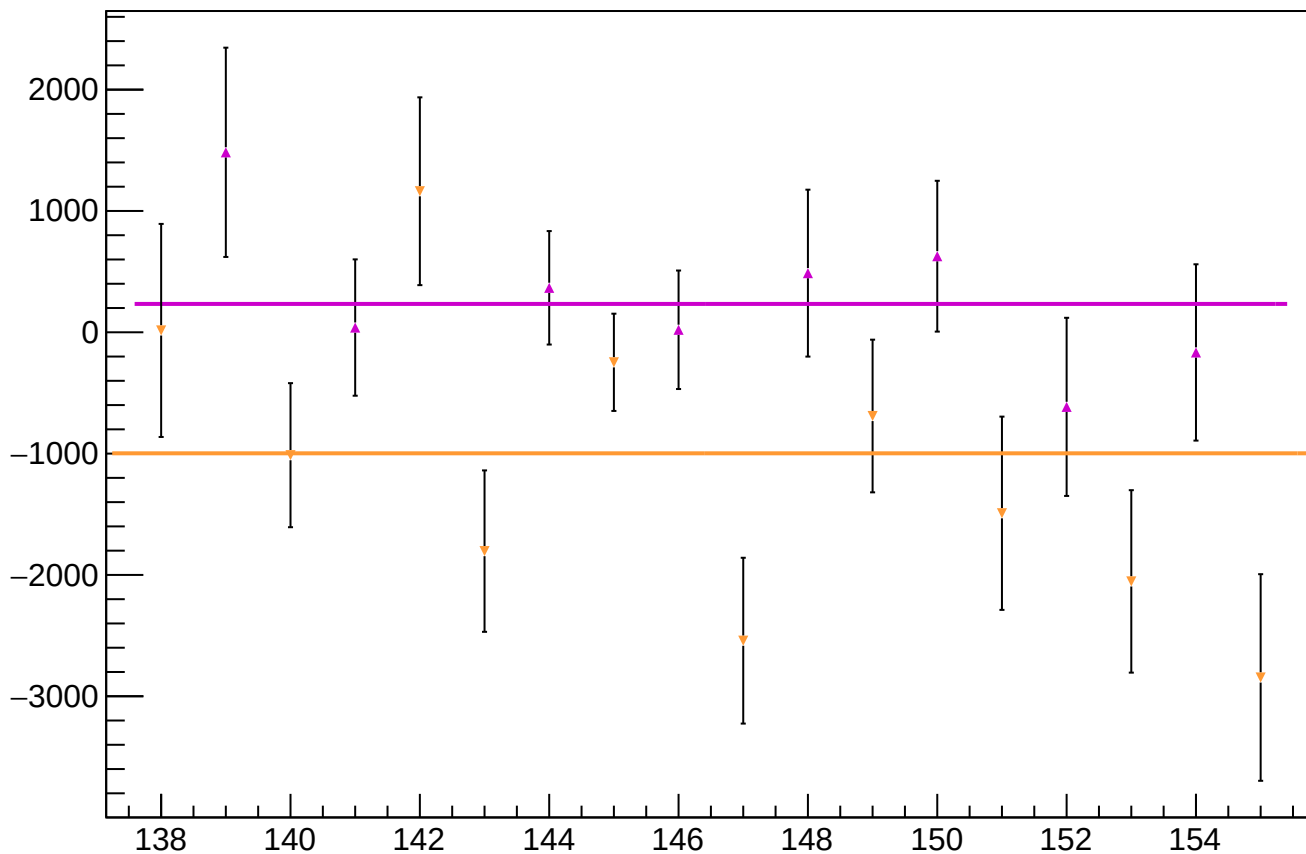
dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 83.838+/-0.022 χ^2/NDF :271178.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 84.012+/-0.023 χ^2/NDF :81938.6/7

Left: 83.922+/-0.016 χ^2/NDF : 353145.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.012+/-0.023 χ^2/NDF :81938.6/7
 Out: 83.838+/-0.022 χ^2/NDF :271178.0/9
 All: 83.922+/-0.016 χ^2/NDF : 353145.7/17

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -997.587+/-205.501 χ^2/NDF :26.5/9

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

Left In: 233.743+/-214.530 χ^2/NDF :4.7/7

Left: -408.379+/-148.400 χ^2/NDF : 48.3/17

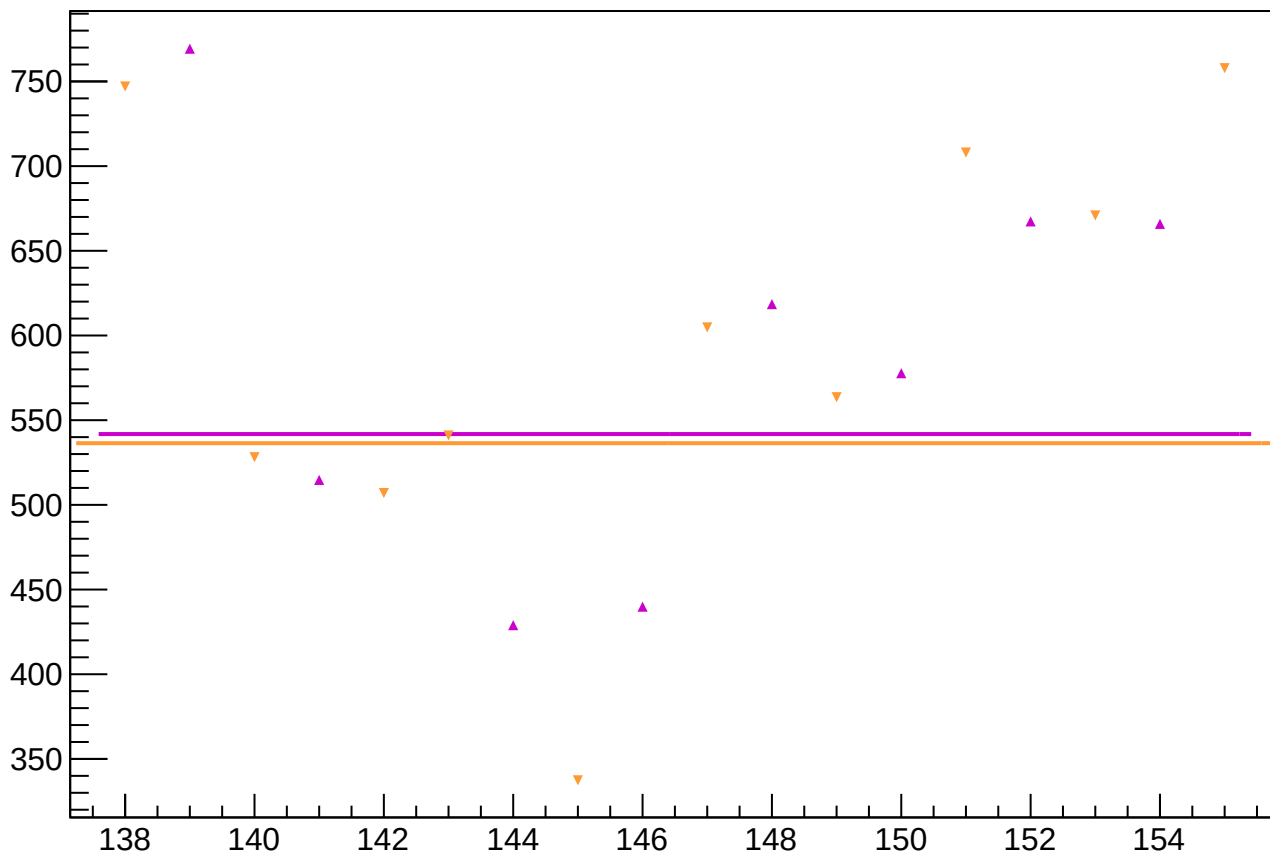
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.743+/-214.530 χ^2/NDF :4.7/7

Out: -997.587+/-205.501 χ^2/NDF :26.5/9

All: -408.379+/-148.400 χ^2/NDF : 48.3/17

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 536.423+/-0.145 χ^2/NDF : 927540.9/9

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

Left In: 541.807+/-0.152 χ^2/NDF : 495695.8/7

Left: 538.999+/-0.105 χ^2/NDF : 1423893.7/17

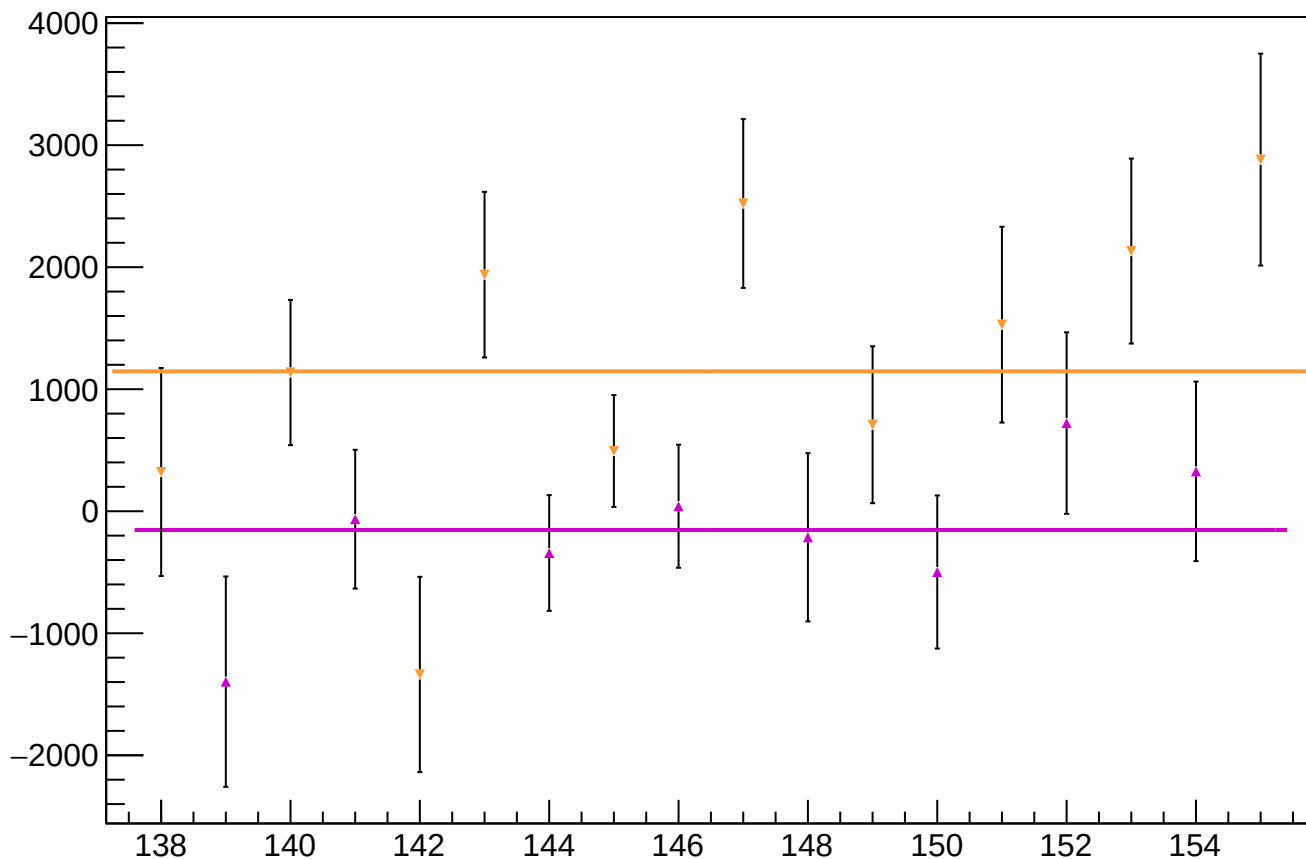
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 541.807+/-0.152 χ^2/NDF : 495695.8/7

Out: 536.423+/-0.145 χ^2/NDF : 927540.9/9

All: 538.999+/-0.105 χ^2/NDF : 1423893.7/17

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 1146.279+/-214.066 χ^2/NDF :24.3/9

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

Left In: -153.662+/-217.582 χ^2/NDF :4.5/7

Left: 506.896+/-152.596 χ^2/NDF : 47.0/17

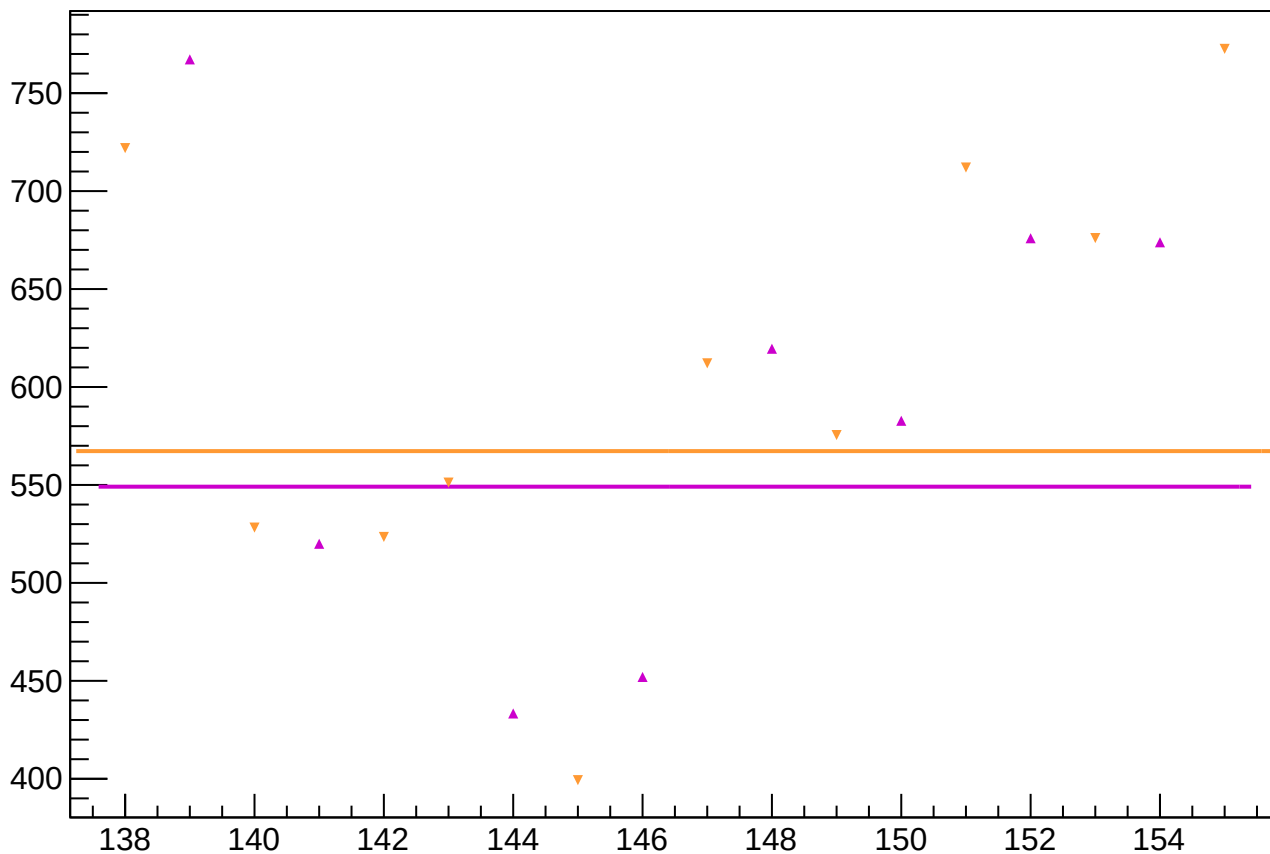
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -153.662+/-217.582 χ^2/NDF :4.5/7

Out: 1146.279+/-214.066 χ^2/NDF :24.3/9

All: 506.896+/-152.596 χ^2/NDF : 47.0/17

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 567.274+/-0.151 χ^2/NDF : 576966.3/9

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

Left In: 549.119+/-0.154 χ^2/NDF : 469108.2/7

Left: 558.344+/-0.108 χ^2/NDF : 1053150.0/17

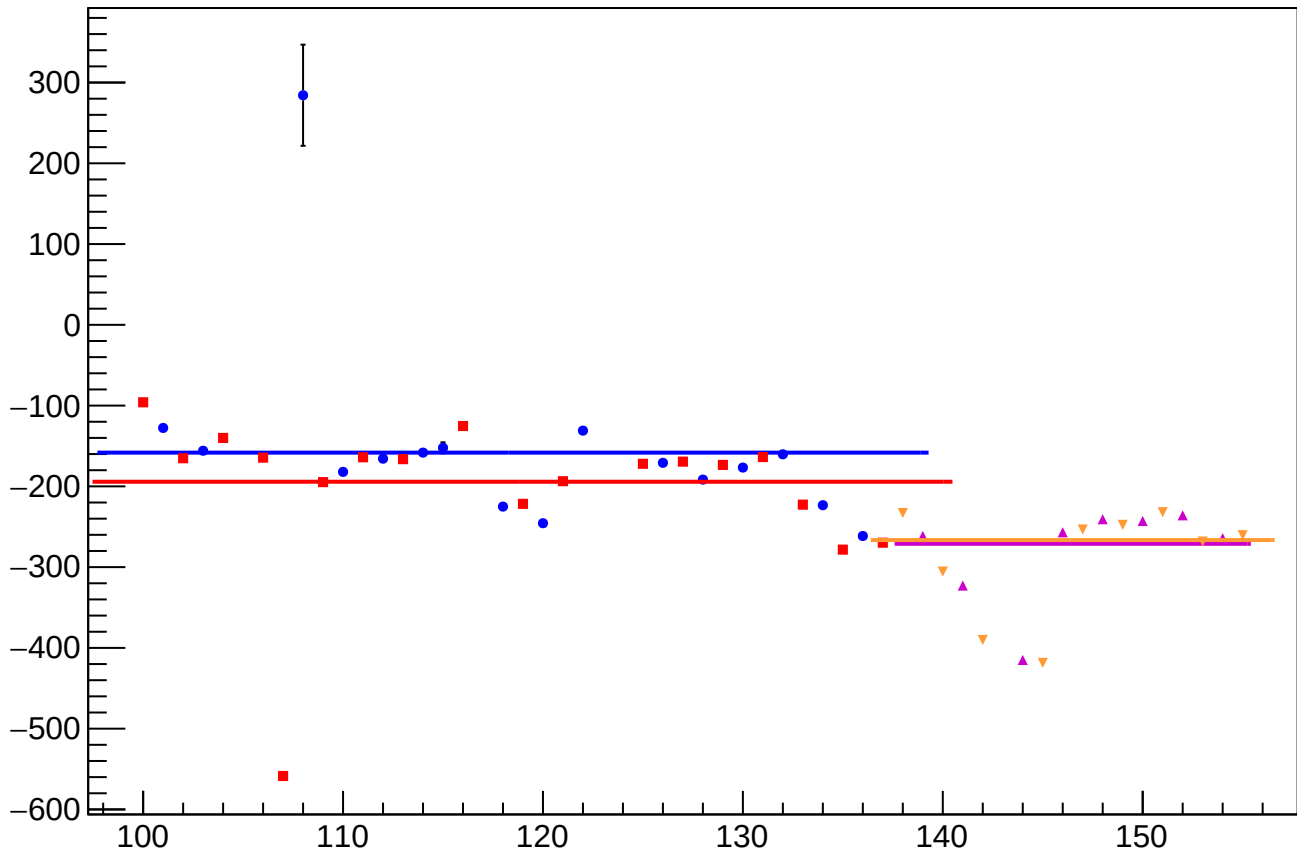
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 549.119+/-0.154 χ^2/NDF : 469108.2/7

Out: 567.274+/-0.151 χ^2/NDF : 576966.3/9

All: 558.344+/-0.108 χ^2/NDF : 1053150.0/17

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2 /NDF: 117166.2/15

Left Out: -266.492+/-0.189 χ^2 /NDF:25167.7/8

Right Out: -194.268+/-0.165 χ^2 /NDF: 176560.4/17

Left In: -271.118+/-0.210 χ^2 /NDF:42334.5/7

Left: -268.557+/-0.140 χ^2 /NDF: 67770.5/16

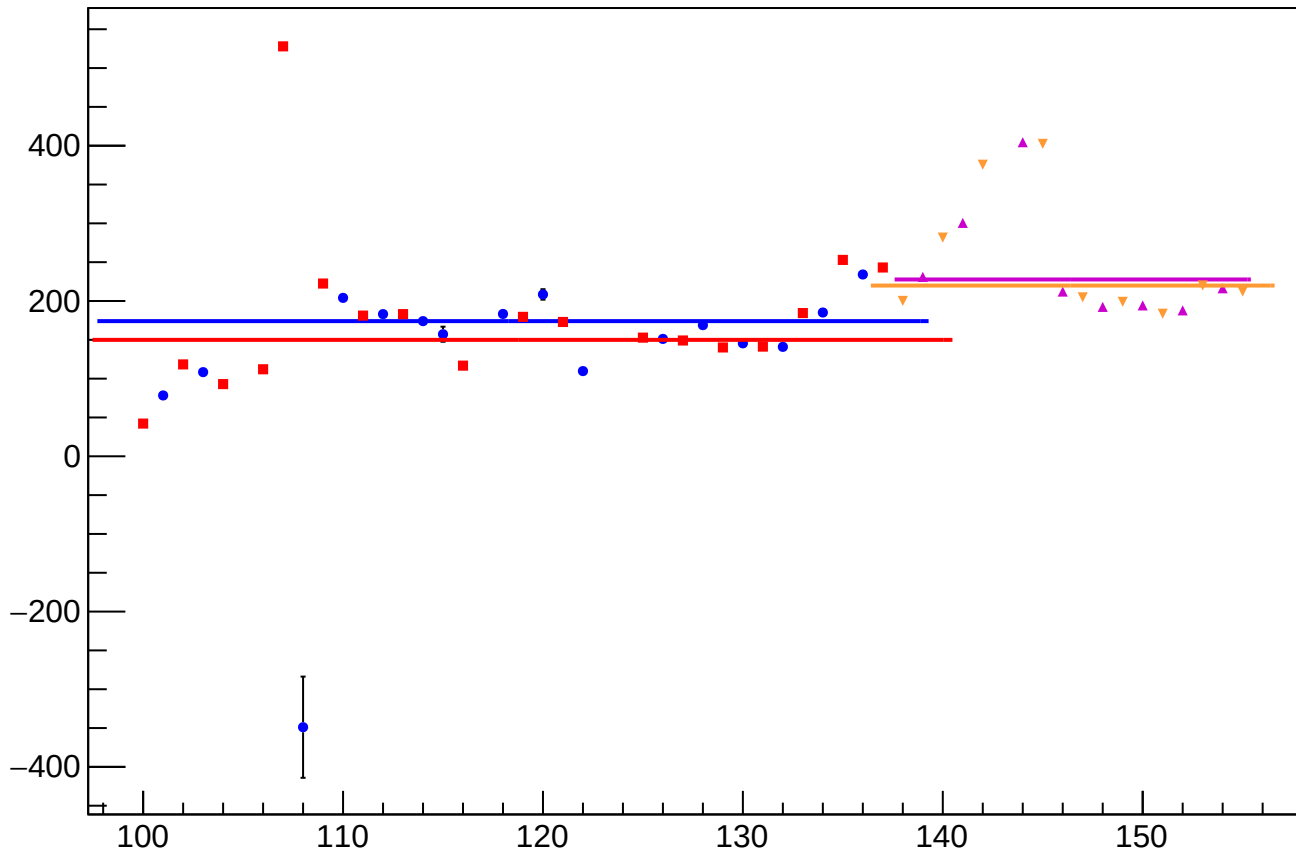
Right: -158.222+/-0.000 χ^2 /NDF: 341369.6/33

In: -158.222+/-0.000 χ^2 /NDF:448173.5/23

Out: -225.601+/-0.124 χ^2 /NDF:284704.7/26

All: -158.222+/-0.000 χ^2 /NDF: 1026896.9/50

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 219.896 $\pm$ 0.187 χ^2 /NDF:33090.9/8

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

Left In: 227.722 $\pm$ 0.213 χ^2 /NDF:59880.3/7

Left: 223.302 $\pm$ 0.141 χ^2 /NDF: 93733.1/16

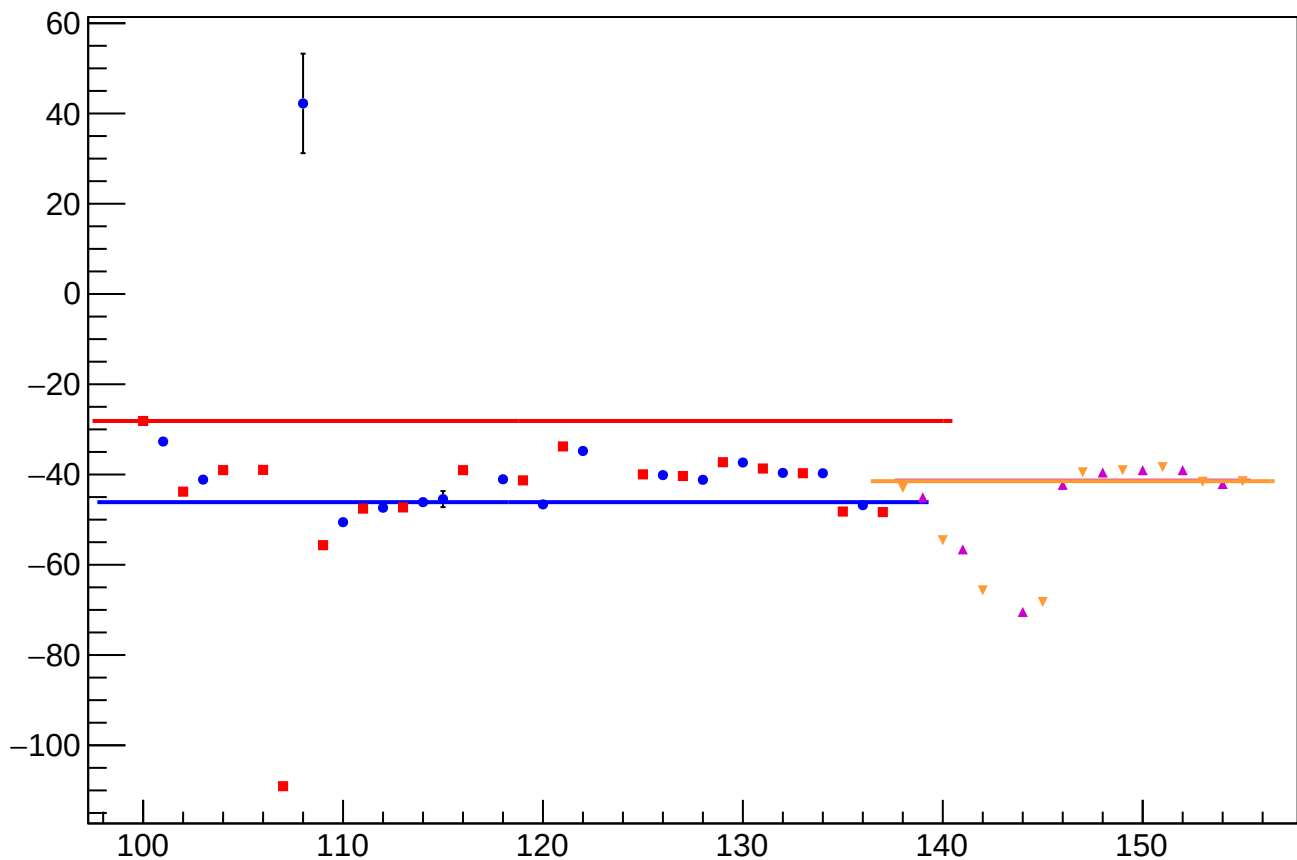
Right: 174.085 $\pm$ 0.000 χ^2 /NDF: 236460.5/33

In: 174.085 $\pm$ 0.000 χ^2 /NDF:176622.6/23

Out: 186.477 $\pm$ 0.135 χ^2 /NDF:267761.0/26

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 452788.9/50

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -41.475 ± 0.009 χ^2/NDF : 84092.6/8

Right Out: -28.139 ± 0.000 χ^2/NDF : 746939.9/17

Left In: -41.365 ± 0.012 χ^2/NDF : 154598.6/7

Left: -41.436 ± 0.007 χ^2/NDF : 238742.9/16

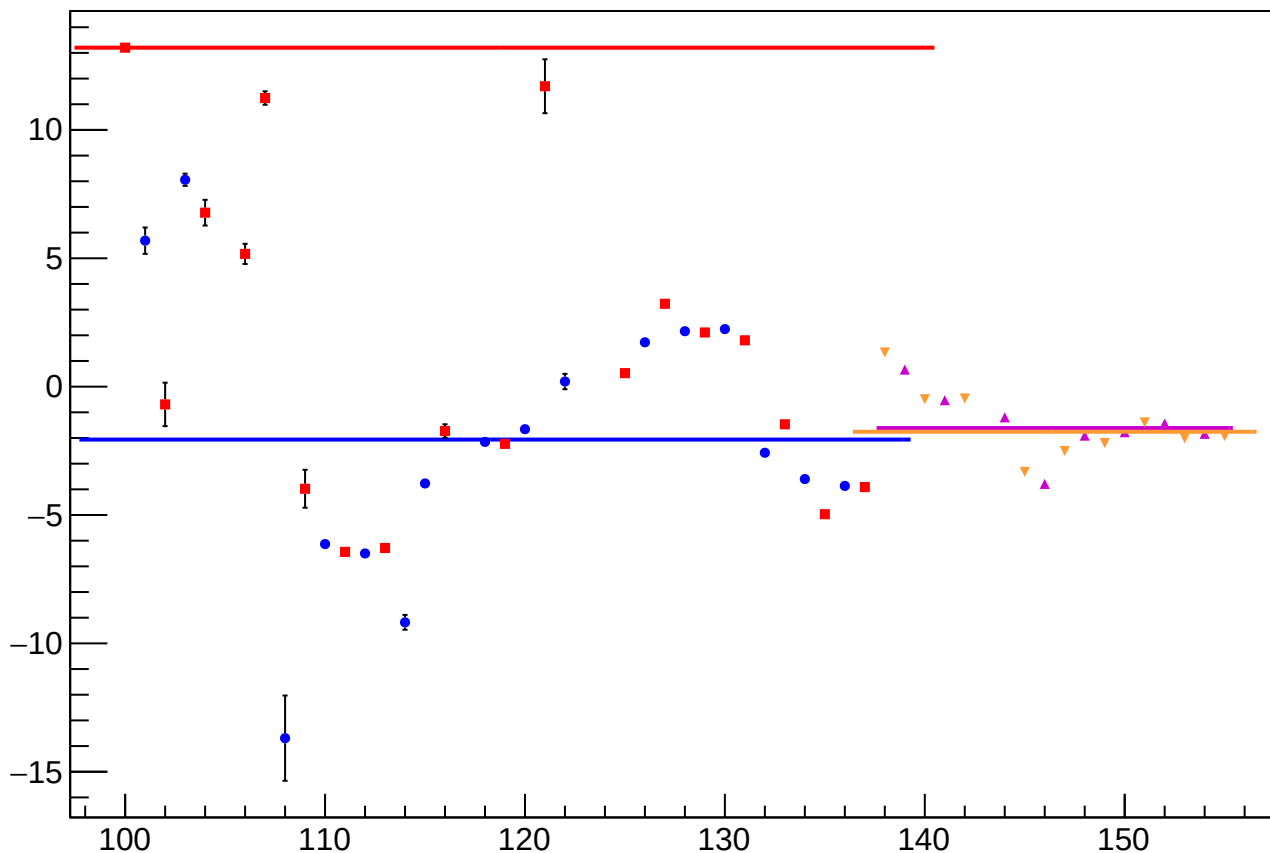
Right: -39.778 ± 0.000 χ^2/NDF : 248795993231659

In: -46.126 ± 0.000 χ^2/NDF : 506303.2/23

Out: -28.139 ± 0.000 χ^2/NDF : 2970440.5/26

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.757 ± 0.011 χ^2/NDF : 7328.5/8

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

Left In: -1.612 ± 0.008 χ^2/NDF : 6486.3/7

Left: -1.667 ± 0.007 χ^2/NDF : 13927.2/16

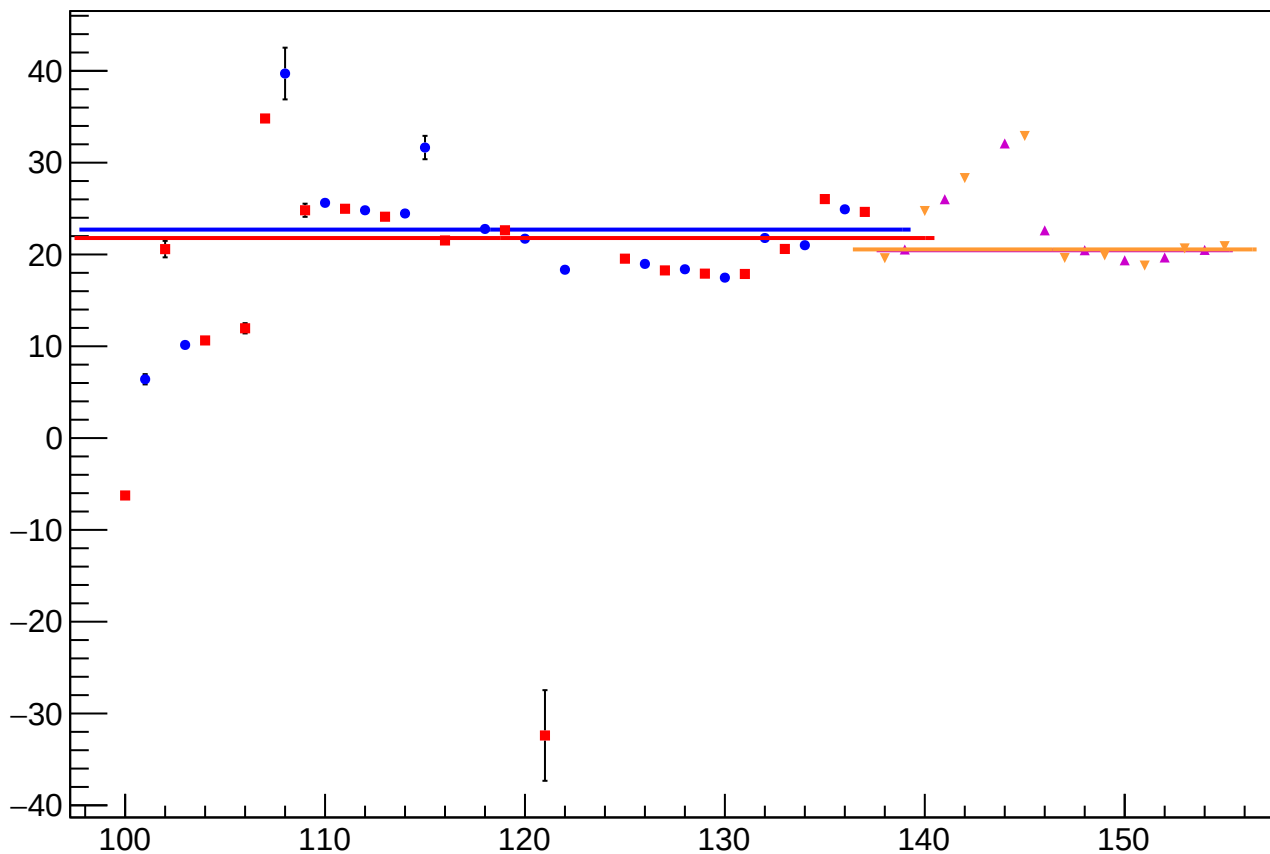
Right: 13.204 ± 0.000 χ^2/NDF : 1268800.5/33

In: -1.694 ± 0.008 χ^2/NDF : 32670.4/23

Out: 13.204 ± 0.000 χ^2/NDF : 2444086.3/26

All: 13.204 ± 0.000 χ^2/NDF : 6290233.1/50

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.550 $\pm$ 0.012 χ^2 /NDF:14540.6/8

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

Left In: 20.459 $\pm$ 0.011 χ^2 /NDF:26569.8/7

Left: 20.500 $\pm$ 0.008 χ^2 /NDF: 41139.8/16

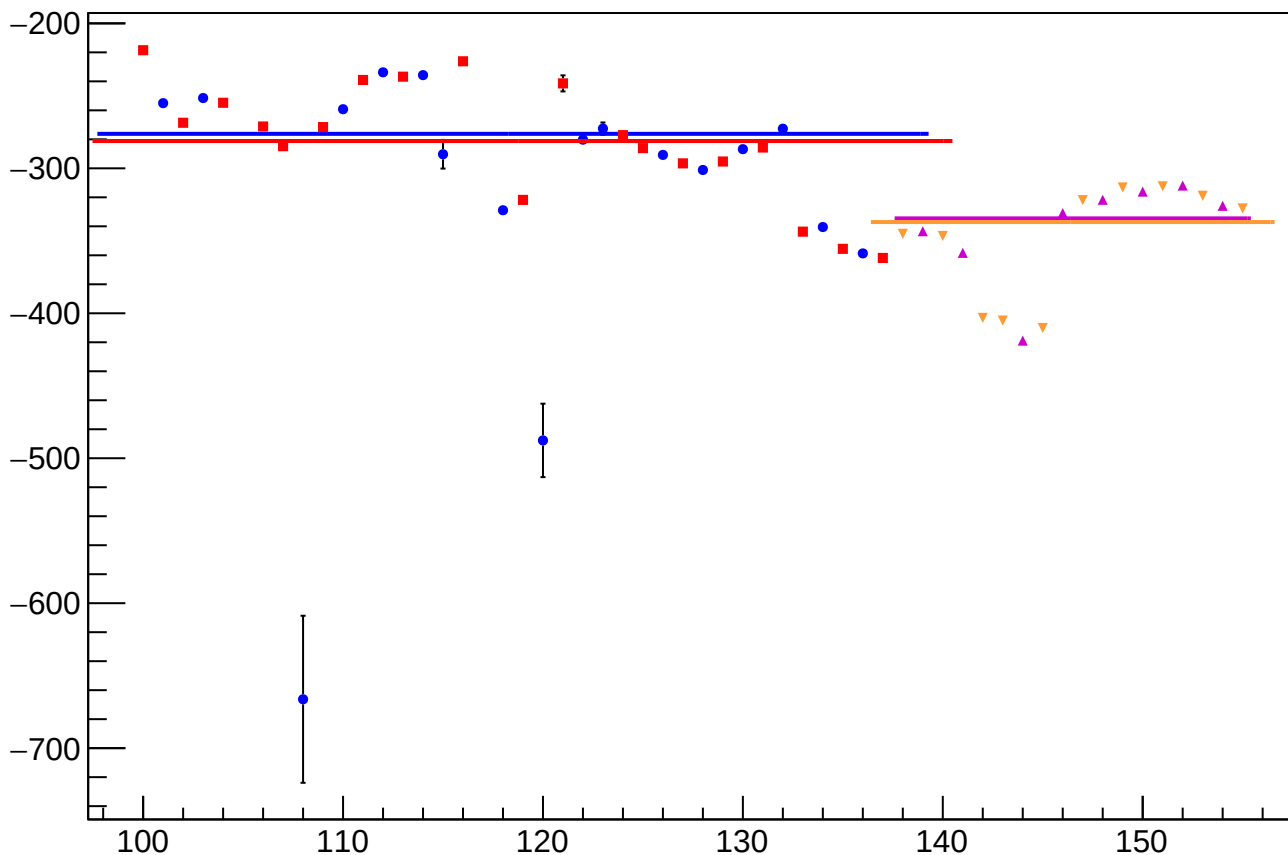
Right: 22.313 $\pm$ 0.014 χ^2 /NDF: 50478.1/33

In: 21.049 $\pm$ 0.010 χ^2 /NDF:59972.6/23

Out: 20.862 $\pm$ 0.011 χ^2 /NDF:43697.8/26

All: 20.967 $\pm$ 0.007 χ^2 /NDF: 103838.6/50

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201 ± 0.167 $\chi^2/\text{NDF}: 58107.7/16$

Left Out: -337.055 ± 0.187 $\chi^2/\text{NDF}: 24262.0/9$

Right Out: -281.150 ± 0.148 $\chi^2/\text{NDF}: 77611.5/18$

Left In: -334.530 ± 0.145 $\chi^2/\text{NDF}: 31212.3/7$

Left: -335.479 ± 0.114 $\chi^2/\text{NDF}: 55588.4/17$

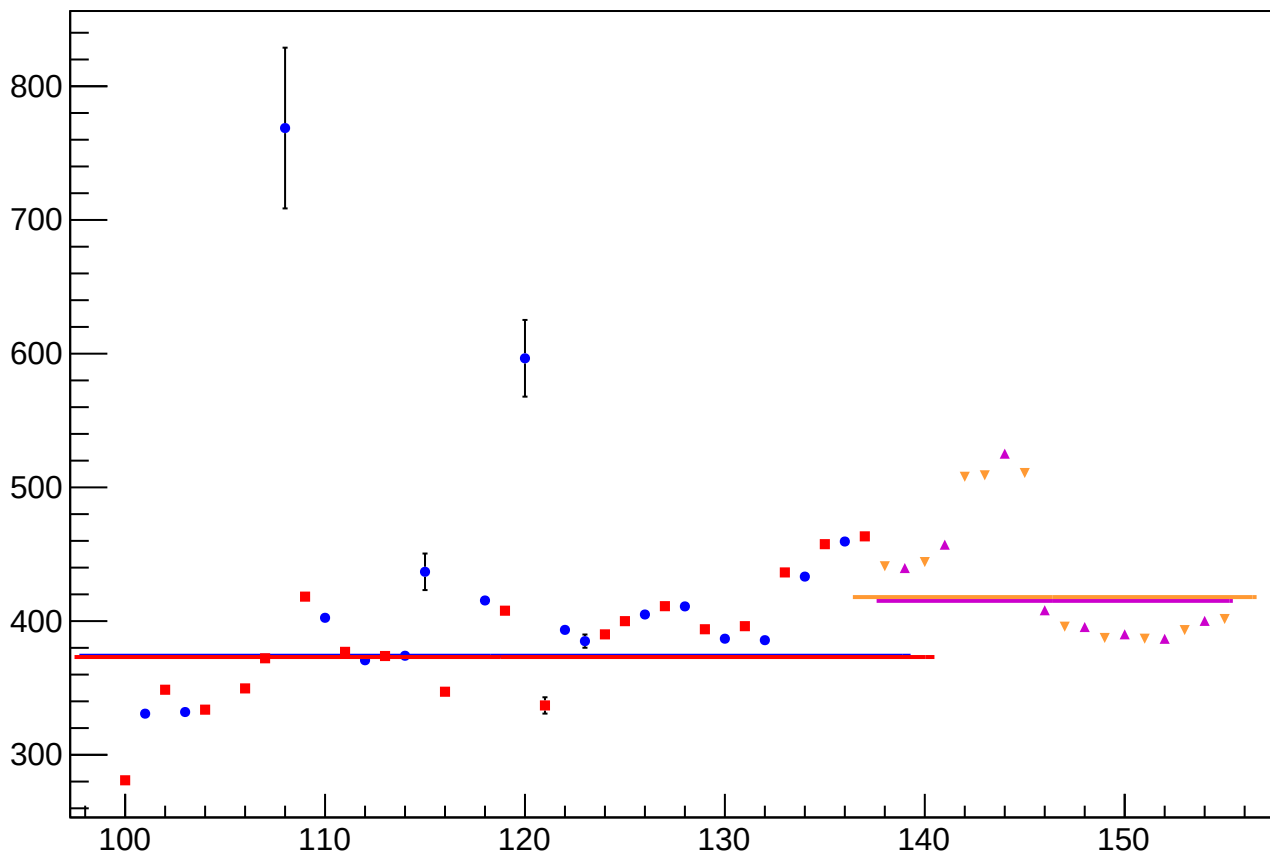
Right: -278.974 ± 0.110 $\chi^2/\text{NDF}: 136213.7/35$

In: -309.406 ± 0.109 $\chi^2/\text{NDF}: 159129.6/24$

Out: -302.650 ± 0.116 $\chi^2/\text{NDF}: 157080.6/28$

All: -306.221 ± 0.079 $\chi^2/\text{NDF}: 318010.7/53$

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 417.964+/-0.188 χ^2/NDF : 44155.8/9

Right Out: 373.134+/-0.158 χ^2/NDF : 108219.4/18

Left In: 415.152+/-0.147 χ^2/NDF : 53956.4/7

Left: 416.221+/-0.116 χ^2/NDF : 98250.8/17

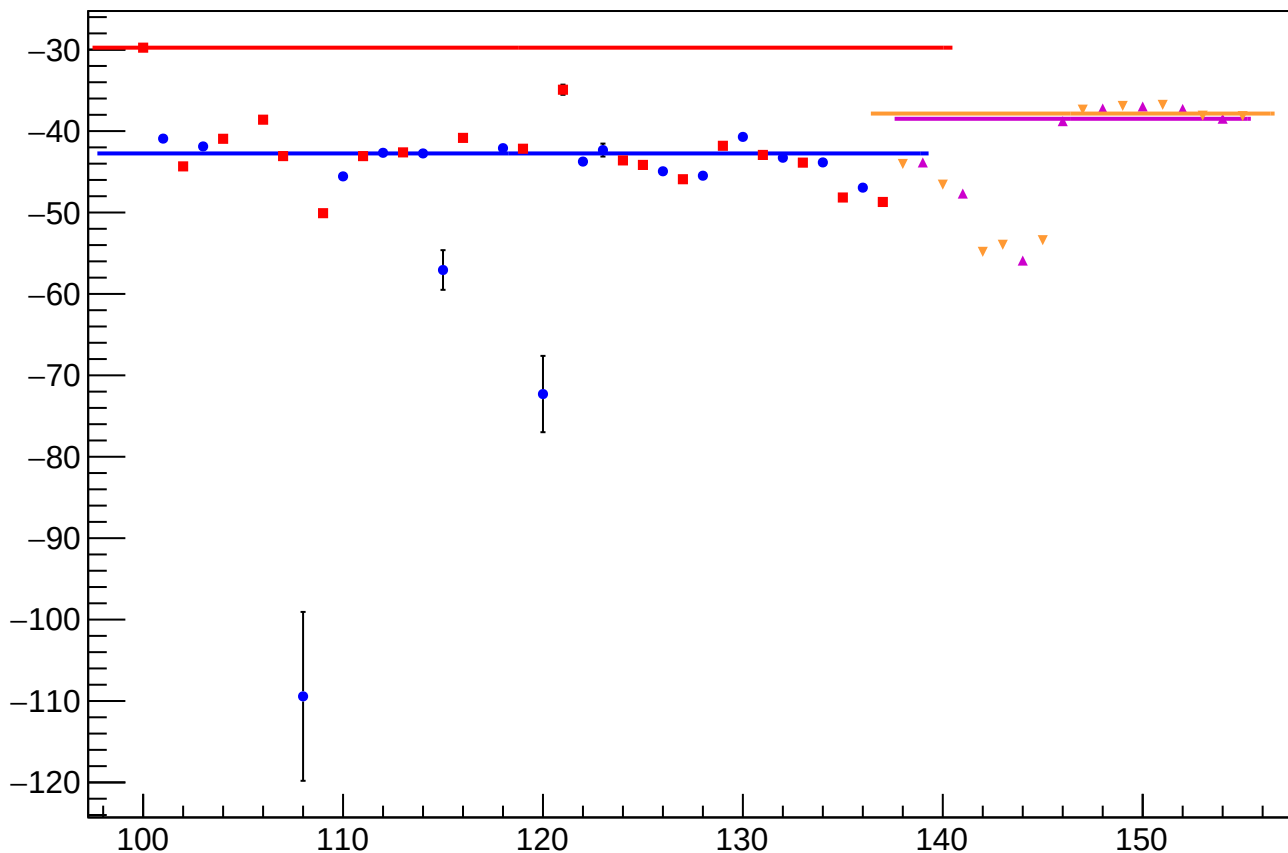
Right: 374.094+/-0.000 χ^2/NDF : 143328.3/35

In: 374.094+/-0.000 χ^2/NDF : 166783.4/24

Out: 391.686+/-0.121 χ^2/NDF : 185711.4/28

All: 374.094+/-0.000 χ^2/NDF : 373657.2/53

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -37.847 $\pm$ 0.005 χ^2 /NDF:249342.7/9

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

Left In: -38.489 $\pm$ 0.007 χ^2 /NDF:137455.6/7

Left: -38.089 $\pm$ 0.004 χ^2 /NDF: 392017.9/17

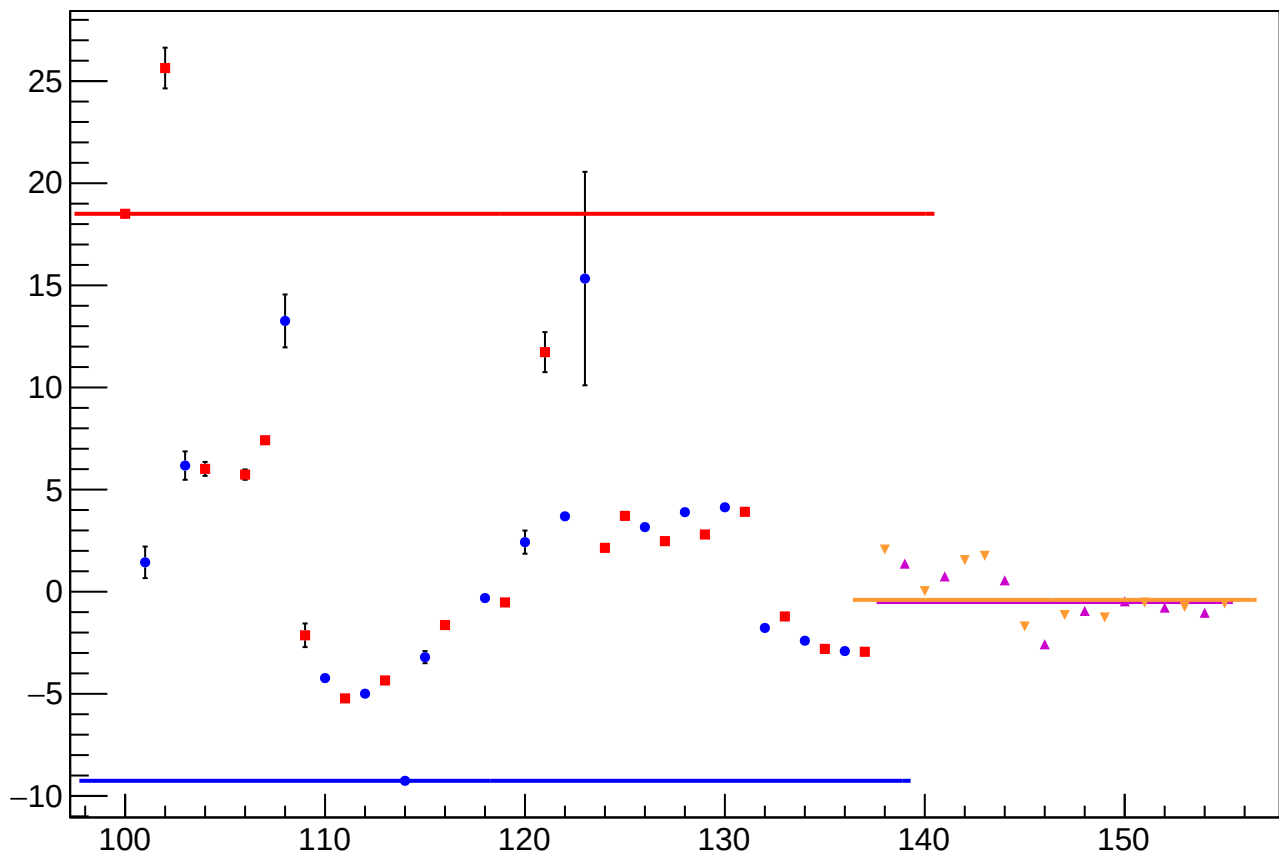
Right: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680709

In: -42.744 $\pm$ 0.000 χ^2 /NDF:519044.5/24

Out: -29.754 $\pm$ 0.000 χ^2 /NDF:2932527.3/28

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259 ± 0.000 $\chi^2/\text{NDF}: 405850.5/16$

Left Out: -0.400 ± 0.010 $\chi^2/\text{NDF}: 11124.6/9$

Right Out: 18.504 ± 0.000 $\chi^2/\text{NDF}: 7366781.0/18$

Left In: -0.505 ± 0.009 $\chi^2/\text{NDF}: 8436.1/7$

Left: -0.454 ± 0.007 $\chi^2/\text{NDF}: 19620.7/17$

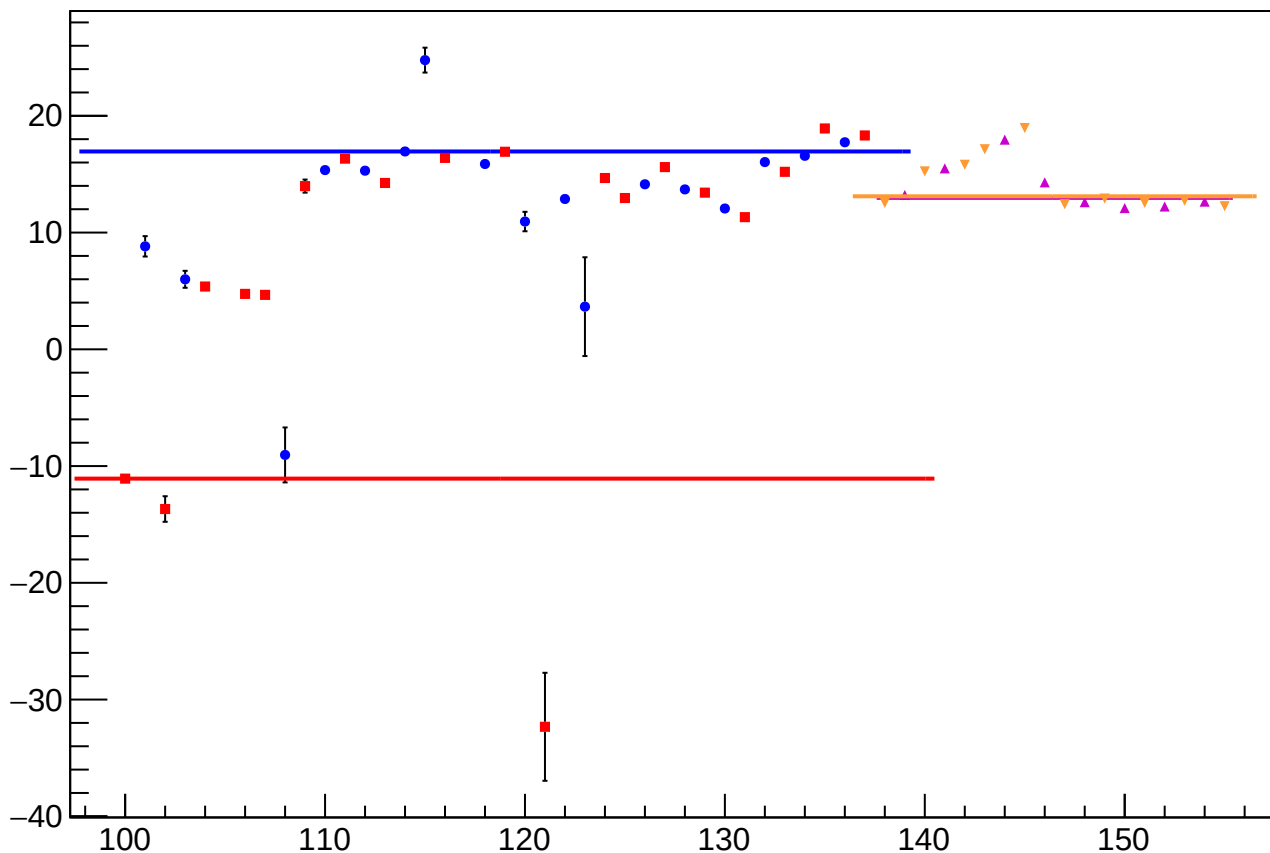
Right: 6.039 ± 0.000 $\chi^2/\text{NDF}: 16450574505955581$

In: -9.259 ± 0.000 $\chi^2/\text{NDF}: 1270010.2/24$

Out: 18.504 ± 0.000 $\chi^2/\text{NDF}: 11200536.4/28$

All: 6.039 ± 0.000 $\chi^2/\text{NDF}: 16450574505955581$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF : 11231.8/16

Left Out: 13.108+/-0.011 χ^2/NDF :13618.7/9

Right Out: -11.075+/-0.000 χ^2/NDF : 2712010.0/18

Left In: 12.972+/-0.013 χ^2/NDF :9535.2/7

Left: 13.052+/-0.008 χ^2/NDF : 23219.2/17

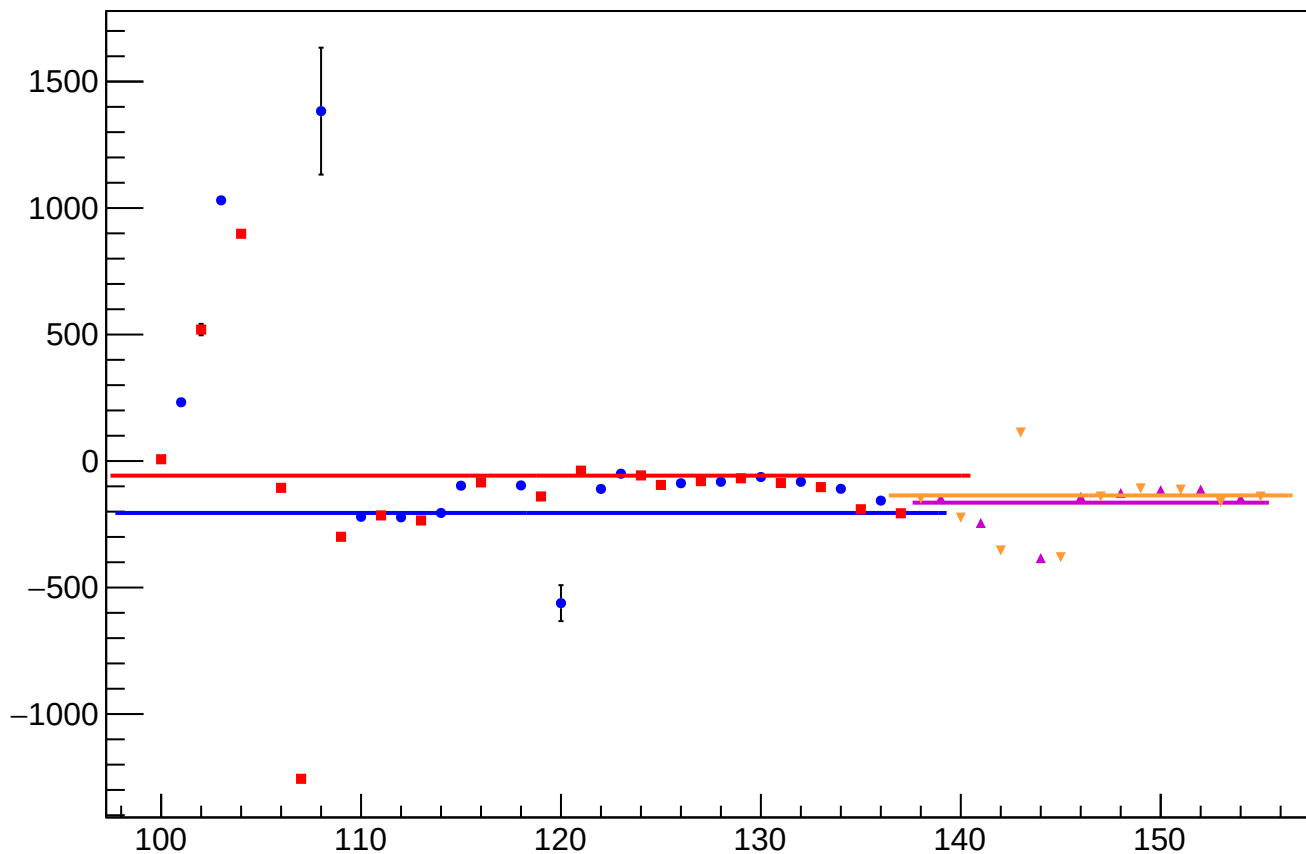
Right: -2.268+/-0.000 χ^2/NDF : 4692527454635666

In: 16.947+/-0.000 χ^2/NDF :116431.6/24

Out: -11.075+/-0.000 χ^2/NDF :7699646.5/28

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: -135.858+/-0.327 χ^2/NDF : 43101.5/9

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

Left In: -164.512+/-0.390 χ^2/NDF : 37666.8/7

Left: -147.696+/-0.250 χ^2/NDF : 83943.0/17

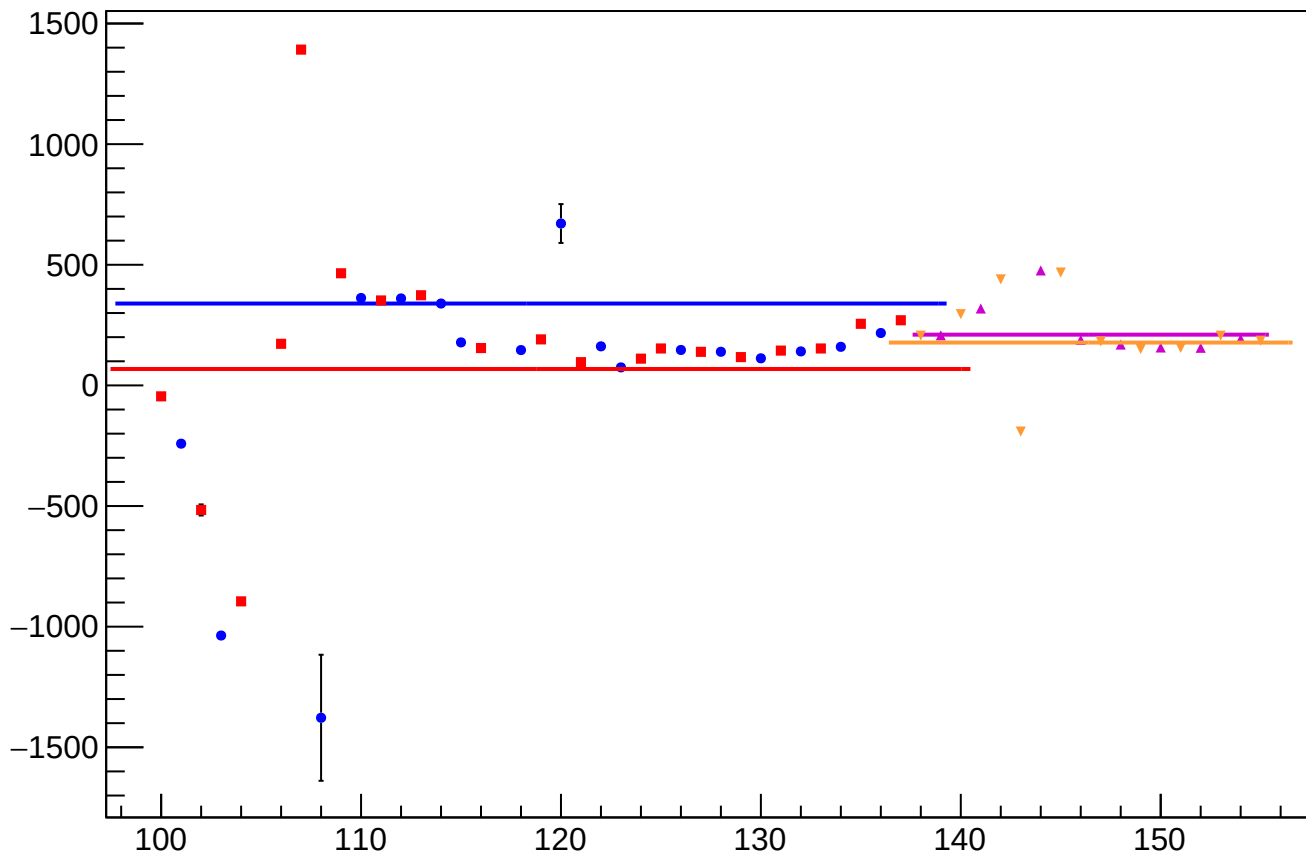
Right: -205.160+/-0.000 χ^2/NDF : 968522.3/35

In: -205.160+/-0.000 χ^2/NDF : 631328.7/24

Out: -91.225+/-0.214 χ^2/NDF : 190614.9/28

All: -205.160+/-0.000 χ^2/NDF : 1105129.8/53

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 177.589+/-0.327 χ^2/NDF : 78937.6/9

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

Left In: 210.383+/-0.396 χ^2/NDF : 44163.9/7

Left: 190.883+/-0.252 χ^2/NDF : 127171.4/17

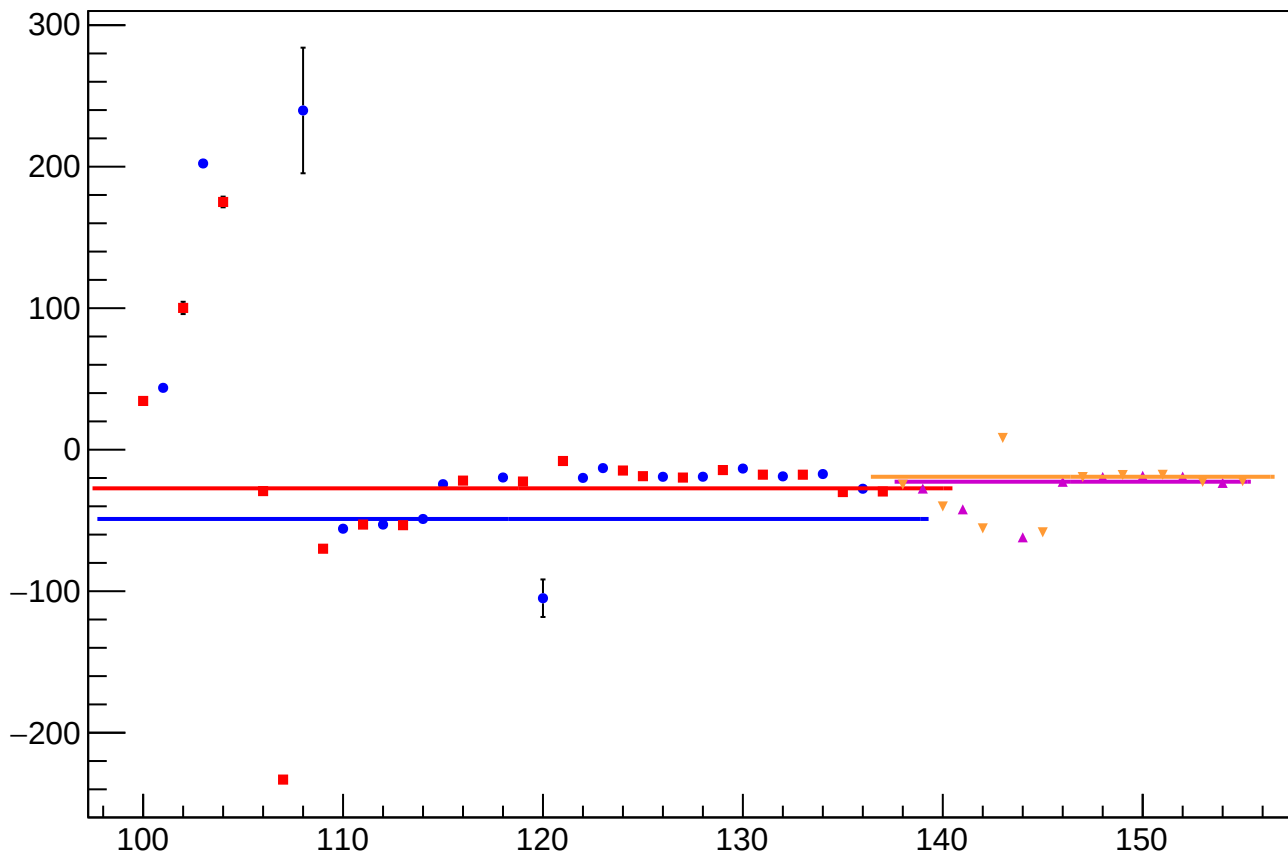
Right: 339.325+/-0.000 χ^2/NDF : 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF : 1180582.1/24

Out: 115.477+/-0.215 χ^2/NDF : 414797.0/28

All: 339.325+/-0.000 χ^2/NDF : 2675394.7/53

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -19.128 ± 0.014 $\chi^2/\text{NDF}: 561687.7/9$

Right Out: -27.303 ± 0.052 $\chi^2/\text{NDF}: 167879.9/18$

Left In: -22.621 ± 0.023 $\chi^2/\text{NDF}: 118875.4/7$

Left: -20.086 ± 0.012 $\chi^2/\text{NDF}: 697596.8/17$

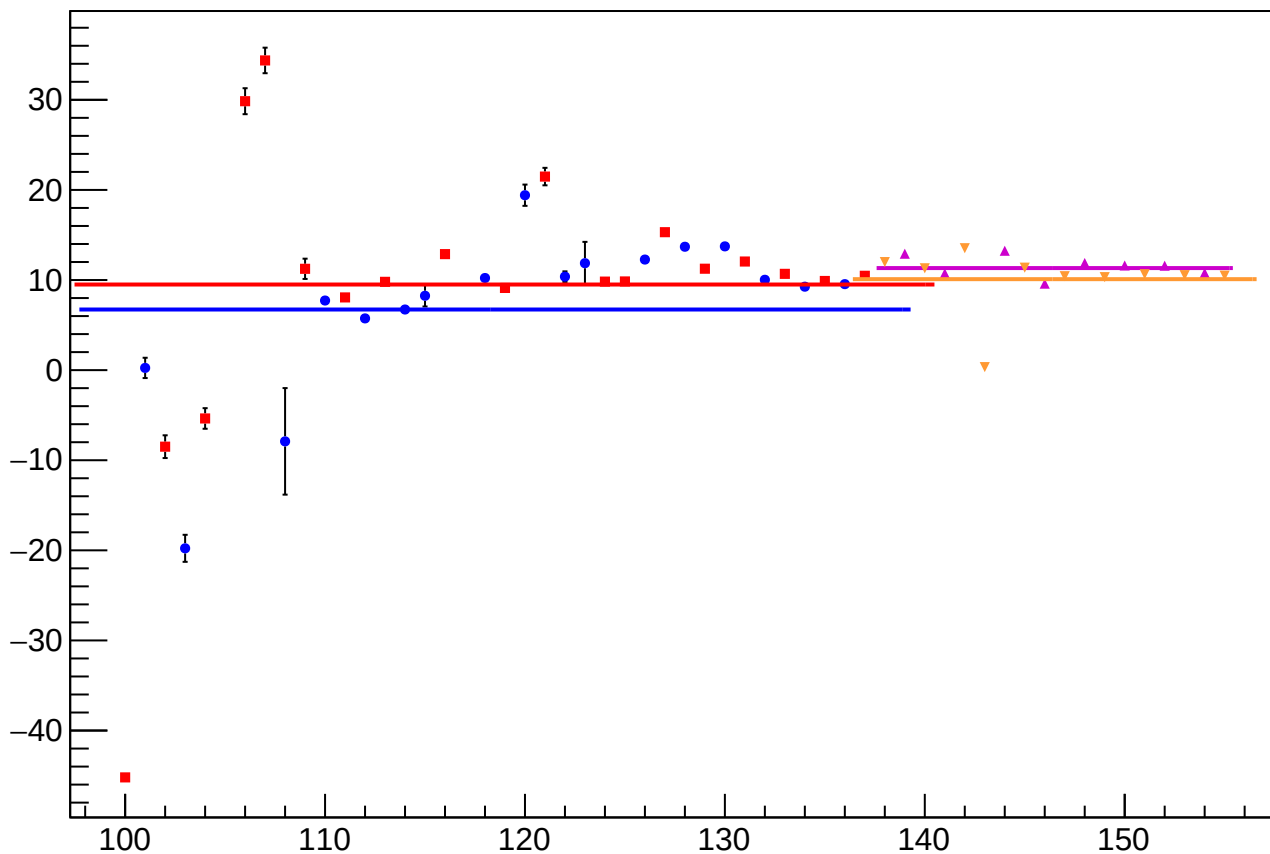
Right: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5751523.0/35$

In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 6860561.9/24$

Out: -19.688 ± 0.014 $\chi^2/\text{NDF}: 752861.4/28$

All: -48.945 ± 0.000 $\chi^2/\text{NDF}: 12290811.6/53$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 10.097 ± 0.022 χ^2/NDF : 20824.1/9

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

Left In: 11.327 ± 0.019 χ^2/NDF : 2405.1/7

Left: 10.798 ± 0.014 χ^2/NDF : 25028.4/17

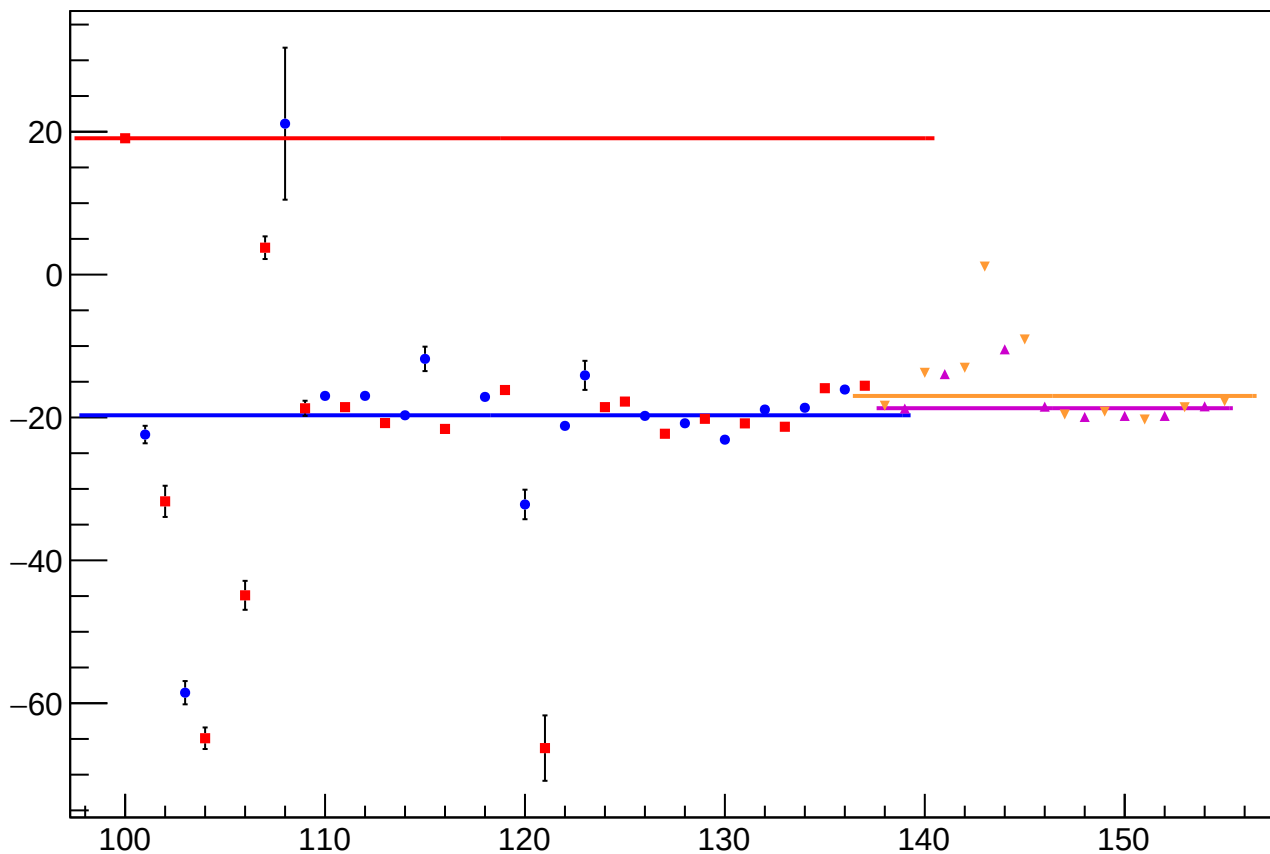
Right: 6.728 ± 0.000 χ^2/NDF : 46635.2/35

In: 6.728 ± 0.000 χ^2/NDF : 74543.3/24

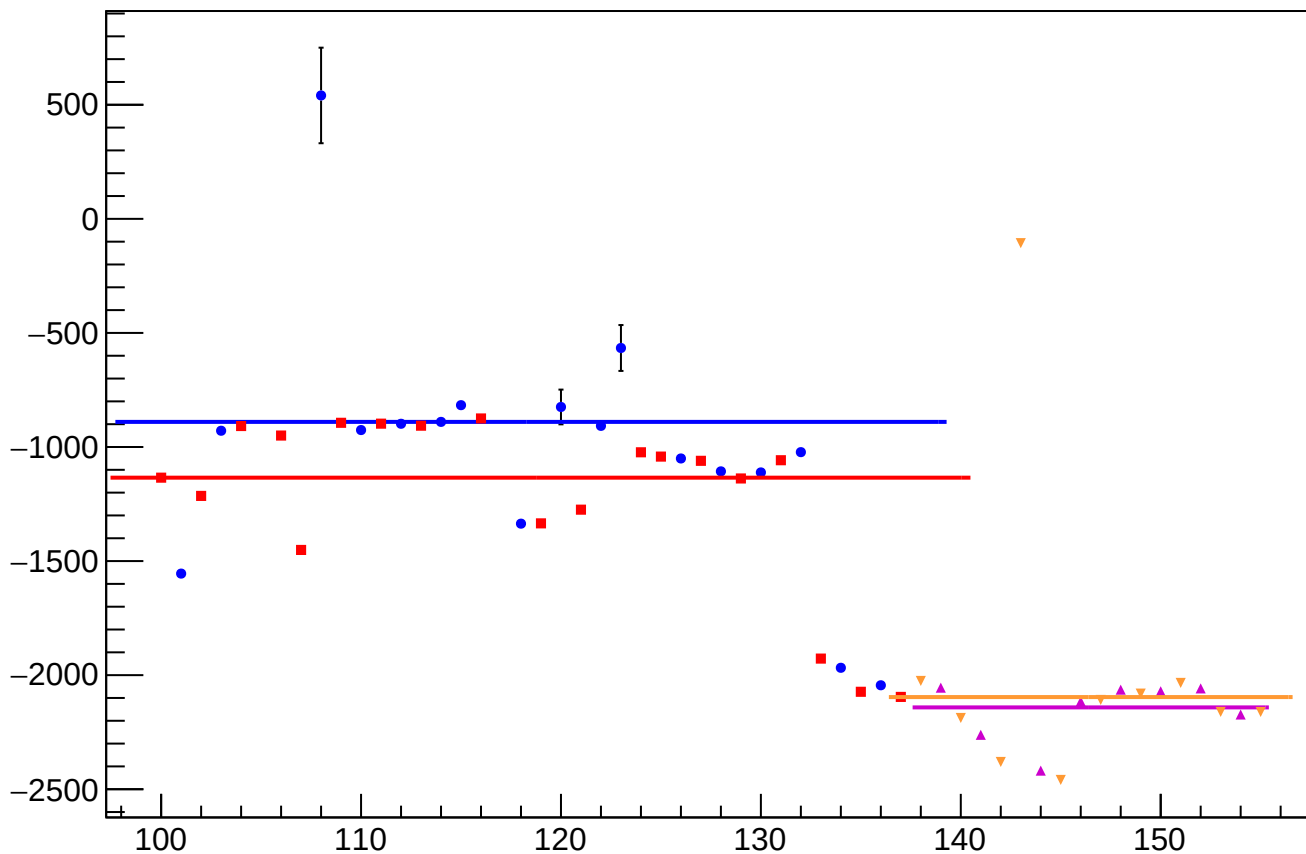
Out: 9.934 ± 0.019 χ^2/NDF : 47848.5/28

All: 6.728 ± 0.000 χ^2/NDF : 151915.7/53

dit_atl1_4eY_slope vs Slug, Sign Corrected



dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2096.098+/-0.556 χ^2/NDF :264296.8/9

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

Left In: -2141.374+/-0.635 χ^2/NDF :31457.1/7

Left: -2115.759+/-0.419 χ^2/NDF : 298628.5/17

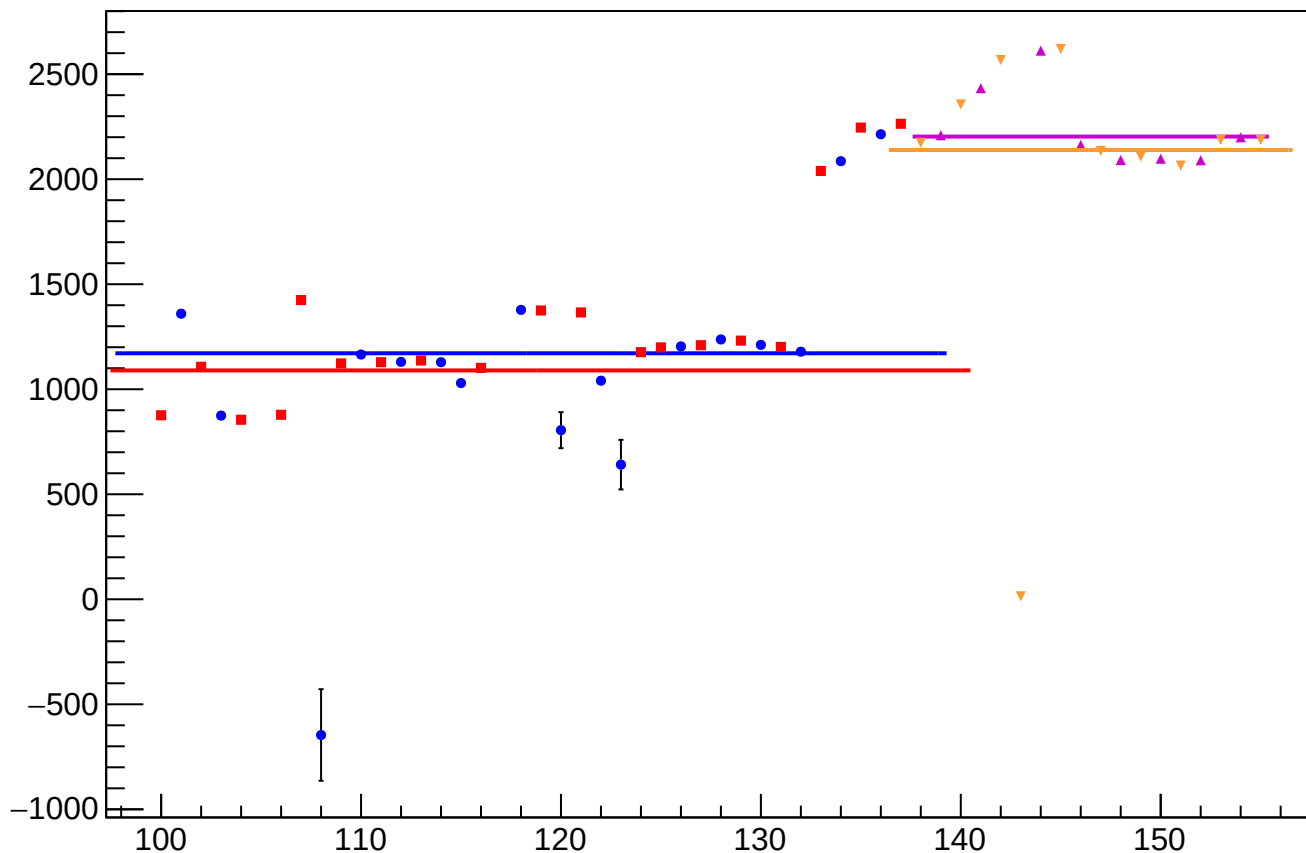
Right: -976.220+/-0.000 χ^2/NDF : 44889787387498

In: -889.928+/-0.000 χ^2/NDF :4689257.9/24

Out: -1134.421+/-0.000 χ^2/NDF :3984698.4/28

All: -976.220+/-0.000 χ^2/NDF : 44889787387

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2139.092 $\pm$ 0.550 χ^2 /NDF:302259.2/9

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

Left In: 2202.903 $\pm$ 0.650 χ^2 /NDF:54494.7/7

Left: 2165.722 $\pm$ 0.420 χ^2 /NDF: 362367.7/17

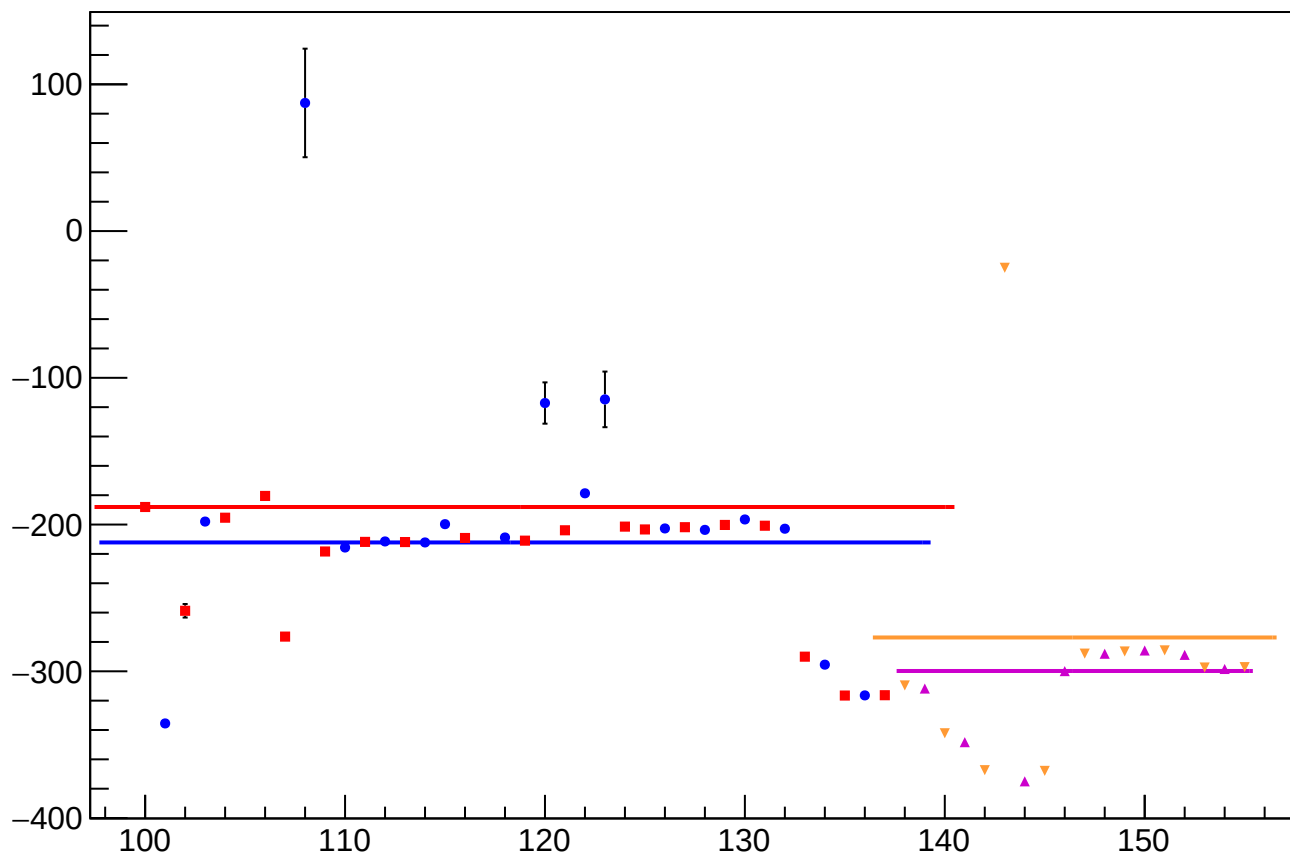
Right: 1131.764 $\pm$ 0.176 χ^2 /NDF: 1662665.0/35

In: 1299.838 $\pm$ 0.230 χ^2 /NDF:2768007.6/24

Out: 1273.403 $\pm$ 0.230 χ^2 /NDF:4403635.2/28

All: 1286.657 $\pm$ 0.163 χ^2 /NDF: 7178254.5/53

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -276.952 ± 0.030 $\chi^2/\text{NDF}: 5696258.6/9$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

Left In: -299.789 ± 0.038 $\chi^2/\text{NDF}: 270505.8/7$

Left: -285.662 ± 0.024 $\chi^2/\text{NDF}: 6187451.4/17$

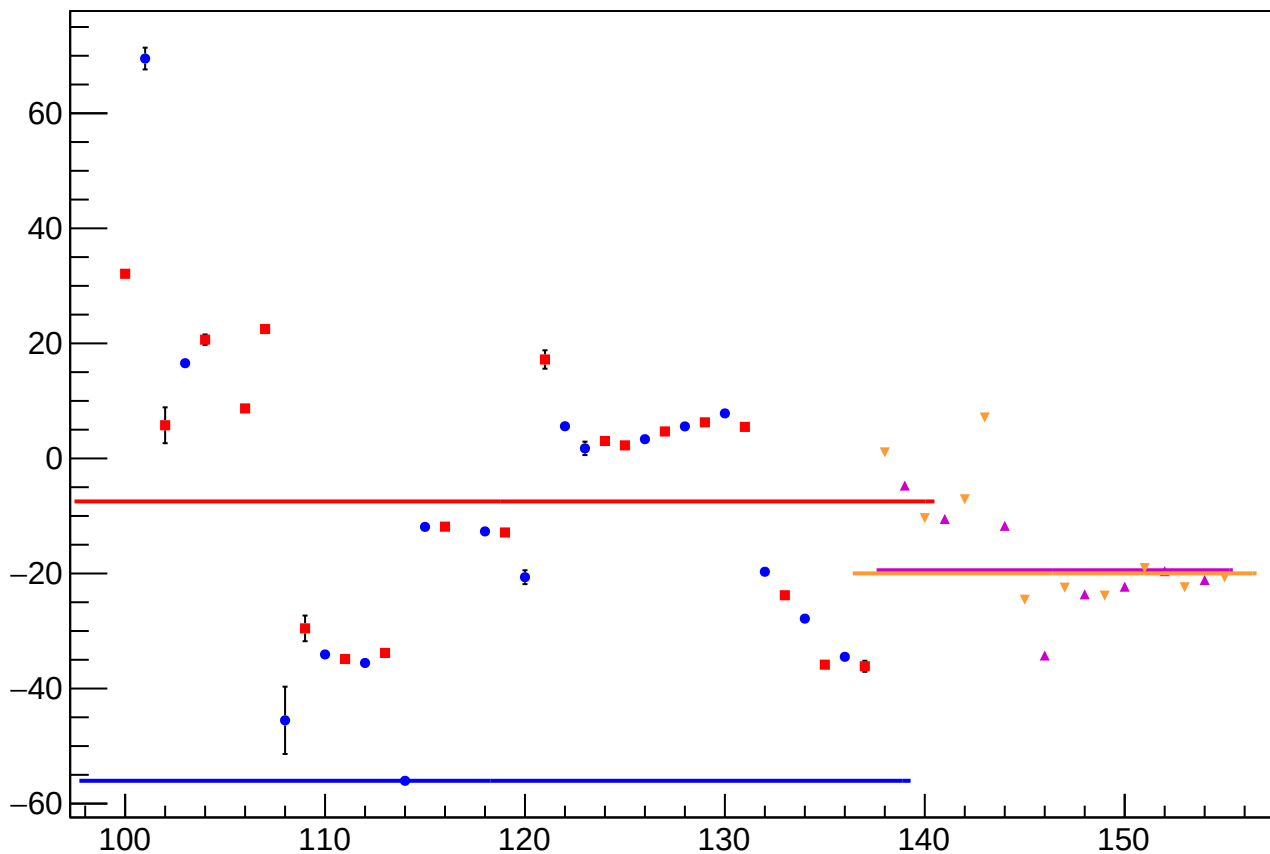
Right: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625661$

In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 6668899.2/24$

Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 15069769.7/28$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF : 1585420.7/16

Left Out: -19.980+/-0.033 χ^2/NDF : 43926.3/9

Right Out: -7.476+/-0.042 χ^2/NDF : 173893.8/18

Left In: -19.441+/-0.035 χ^2/NDF : 25494.3/7

Left: -19.725+/-0.024 χ^2/NDF : 69546.2/17

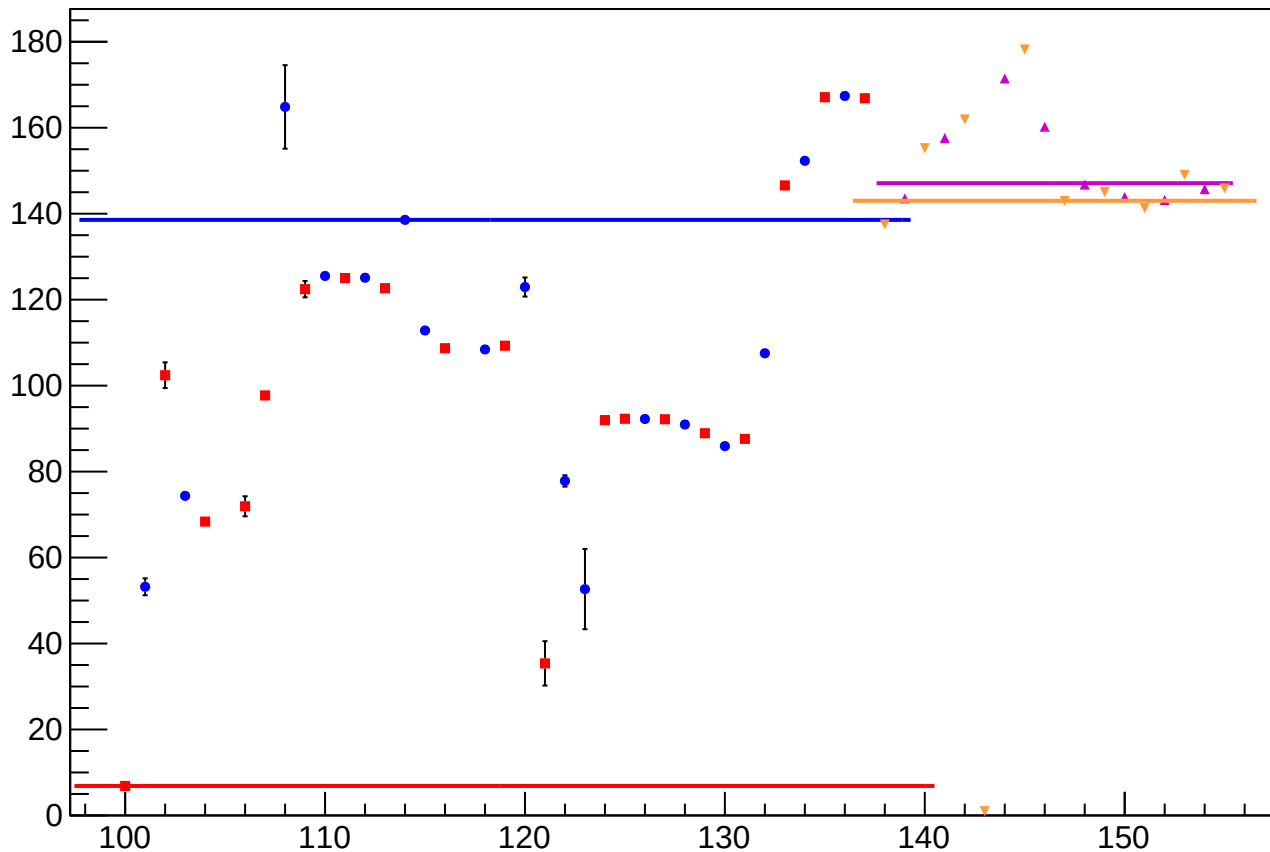
Right: -56.037+/-0.000 χ^2/NDF : 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF : 2707919.4/24

Out: -15.210+/-0.026 χ^2/NDF : 272181.5/28

All: -56.037+/-0.000 χ^2/NDF : 5436265.9/53

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 143.009 $\pm$ 0.038 χ^2 /NDF:308611.3/9

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

Left In: 147.107 $\pm$ 0.043 χ^2 /NDF:18170.2/7

Left: 144.798 $\pm$ 0.029 χ^2 /NDF: 331797.0/17

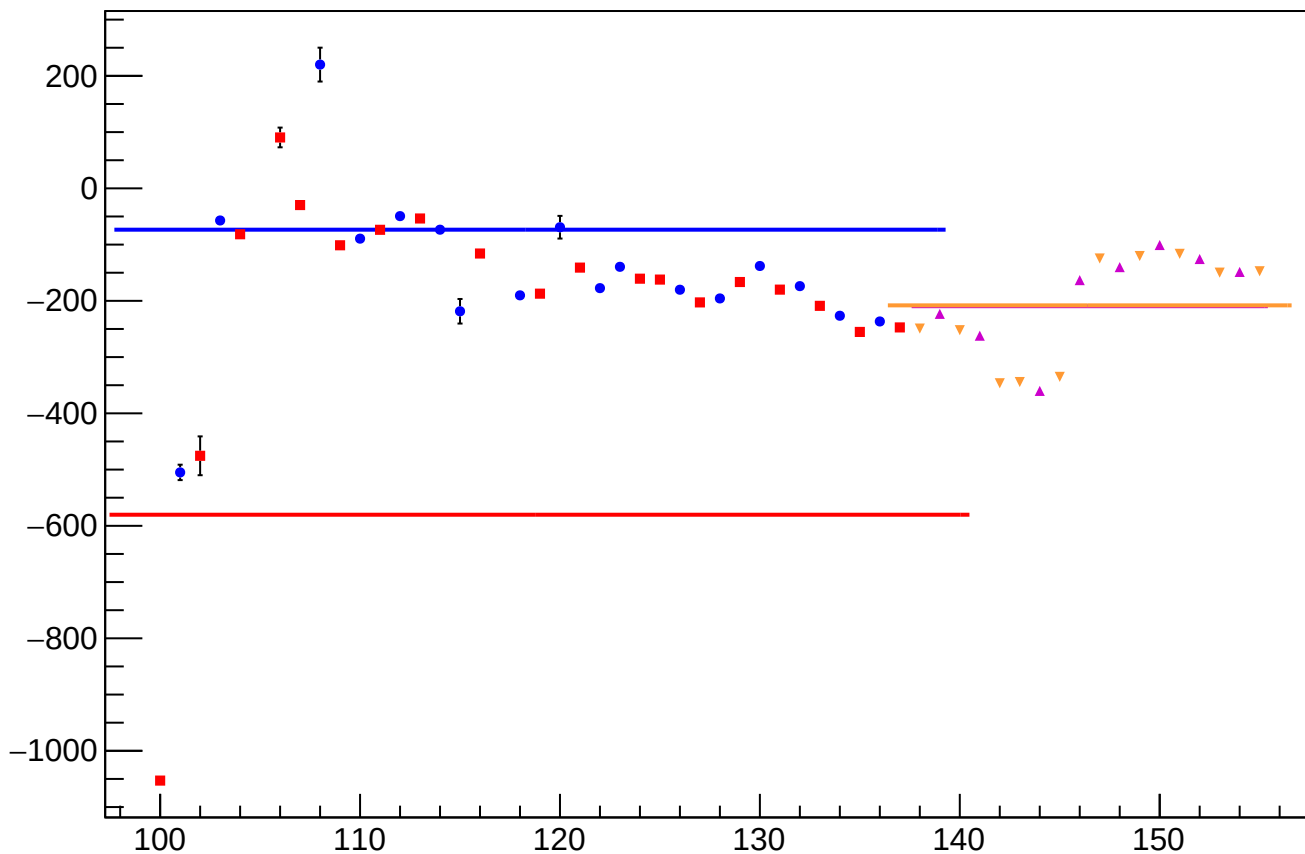
Right: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

In: 138.565 $\pm$ 0.000 χ^2 /NDF:958009.8/24

Out: 6.866 $\pm$ 0.000 χ^2 /NDF:21034715.9/28

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -208.020 ± 0.351 $\chi^2/\text{NDF}: 54277.6/9$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

Left In: -209.510 ± 0.401 $\chi^2/\text{NDF}: 46662.6/7$

Left: -208.667 ± 0.264 $\chi^2/\text{NDF}: 100948.0/17$

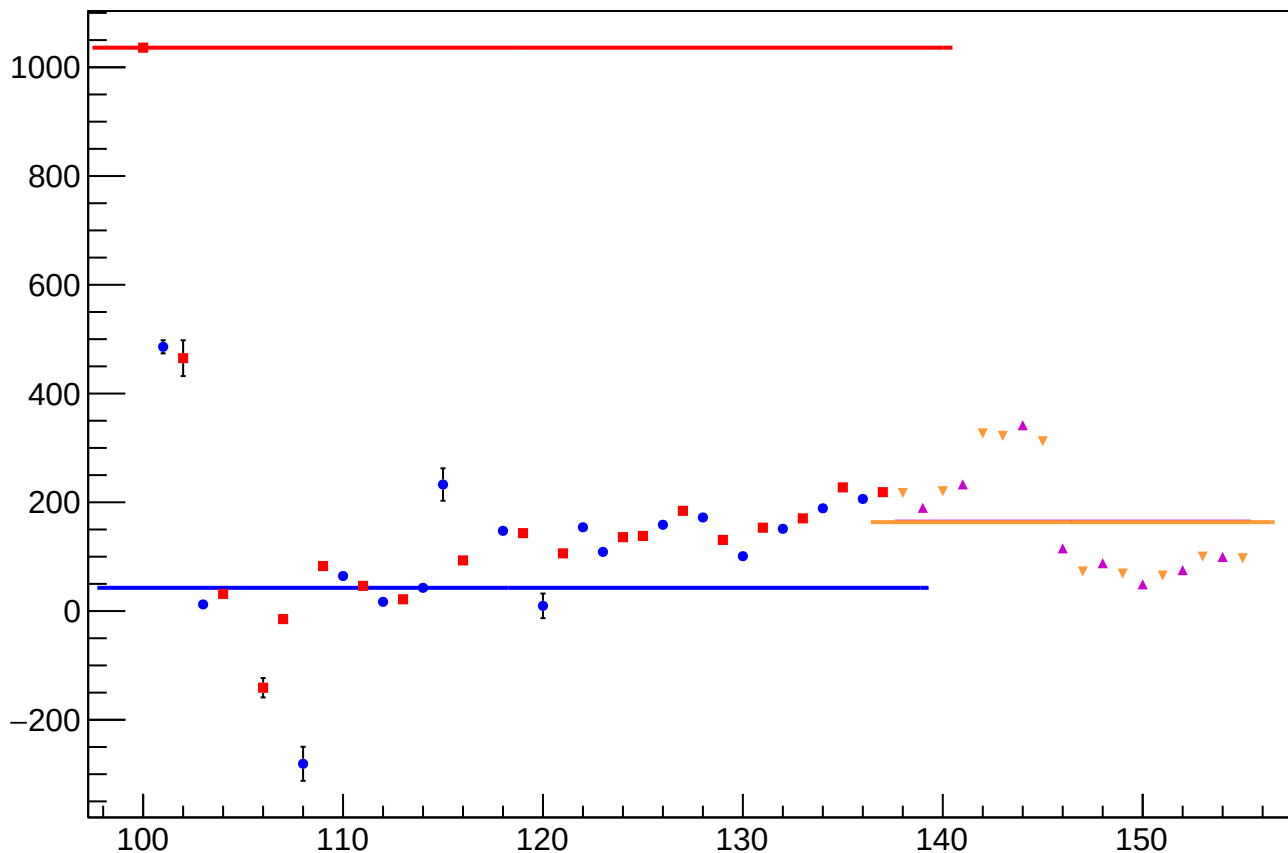
Right: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6902096.9/35$

In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 260625.0/24$

Out: -447.821 ± 0.209 $\chi^2/\text{NDF}: 3809926.7/28$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7265105.9/53$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 163.505+/-0.357 χ^2/NDF : 67472.9/9

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

Left In: 164.391+/-0.411 χ^2/NDF : 55097.3/7

Left: 163.886+/-0.270 χ^2/NDF : 122572.9/17

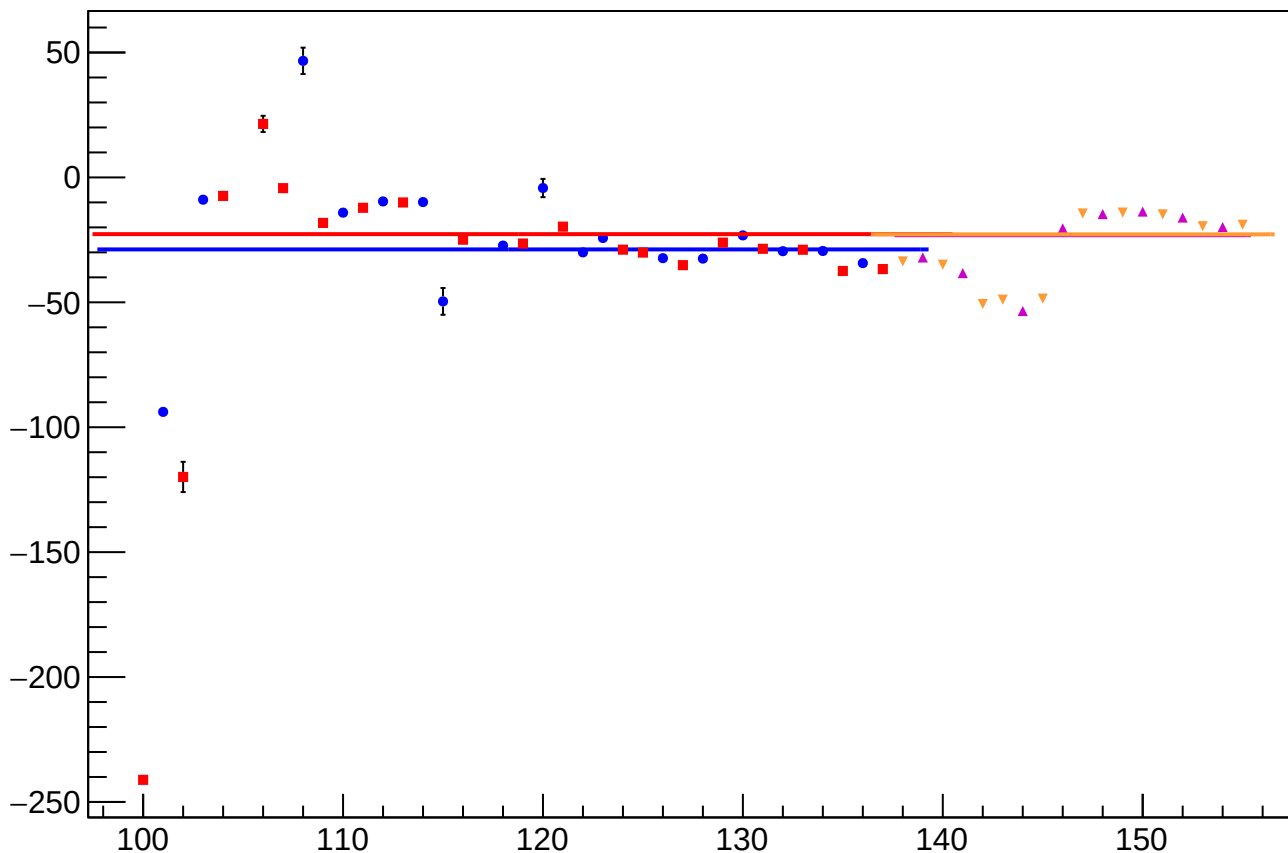
Right: 43.272+/-0.000 χ^2/NDF : 1144517497266833

In: 42.743+/-0.000 χ^2/NDF : 227141.0/24

Out: 1036.068+/-0.000 χ^2/NDF : 10968059.9/28

All: 43.272+/-0.000 χ^2/NDF : 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -22.790 ± 0.018 $\chi^2/\text{NDF}: 308715.9/9$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

Left In: -23.137 ± 0.025 $\chi^2/\text{NDF}: 162396.9/7$

Left: -22.907 ± 0.014 $\chi^2/\text{NDF}: 471241.1/17$

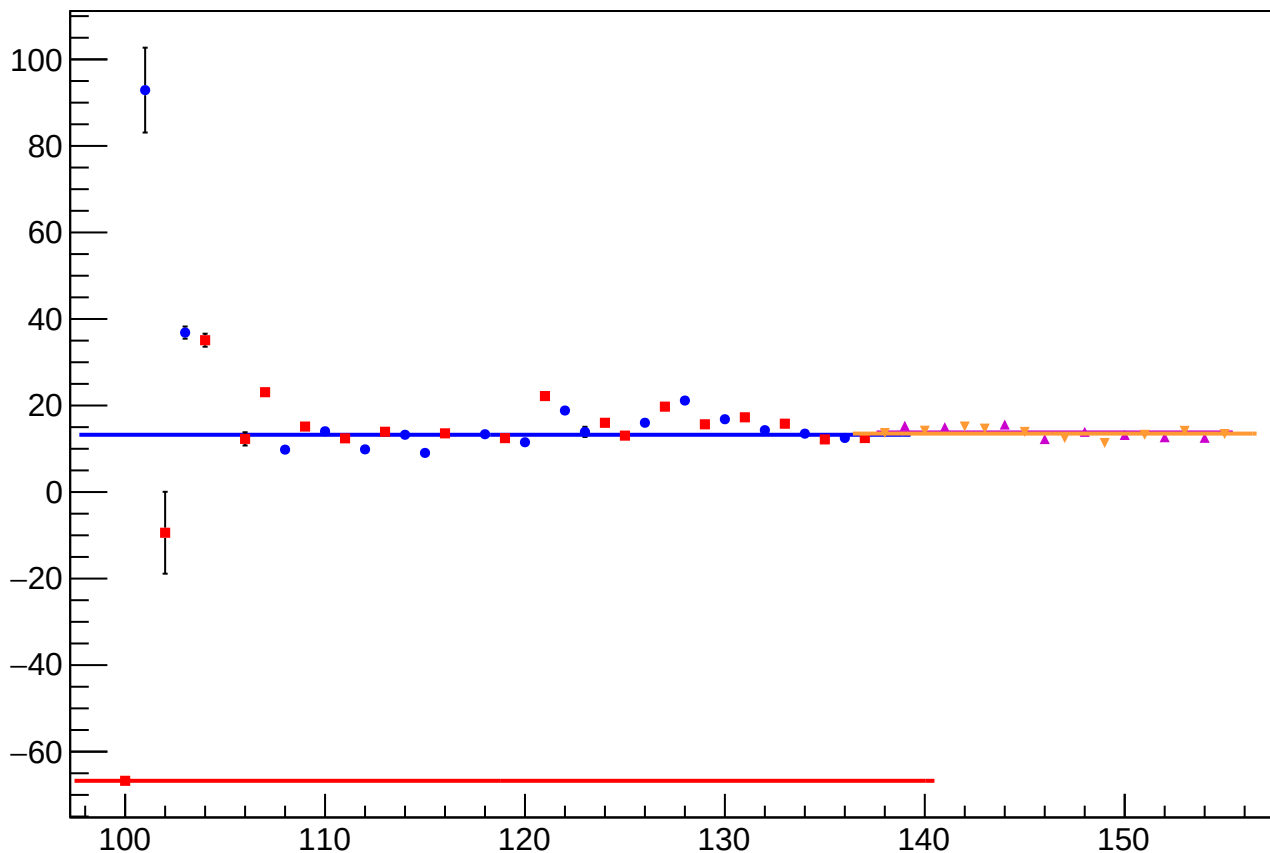
Right: -26.045 ± 0.026 $\chi^2/\text{NDF}: 473753.1/35$

In: -25.070 ± 0.020 $\chi^2/\text{NDF}: 229574.9/24$

Out: -22.775 ± 0.016 $\chi^2/\text{NDF}: 718894.8/28$

All: -23.665 ± 0.013 $\chi^2/\text{NDF}: 956328.1/53$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 13.512+/-0.019 χ^2/NDF : 2538.1/9

Right Out: -66.739+/-0.000 χ^2/NDF : 3023648.4/18

Left In: 13.782+/-0.022 χ^2/NDF : 3087.1/7

Left: 13.629+/-0.015 χ^2/NDF : 5710.2/17

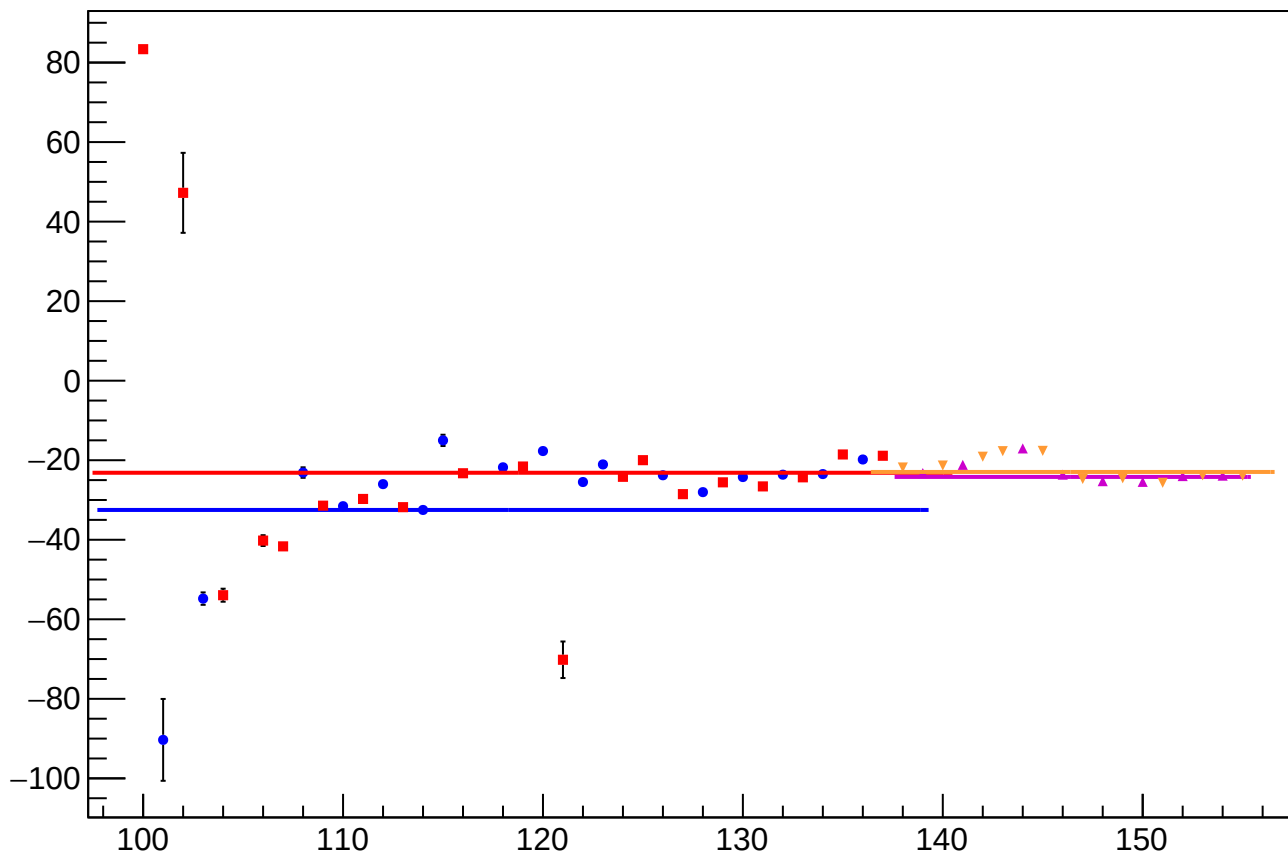
Right: 12.562+/-0.000 χ^2/NDF : 1884310027651005

In: 13.238+/-0.000 χ^2/NDF : 9451.5/24

Out: -66.739+/-0.000 χ^2/NDF : 20371308.9/28

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: -22.950 ± 0.025 χ^2/NDF : 11145.3/9

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

Left In: -24.200 ± 0.025 χ^2/NDF : 5292.9/7

Left: -23.573 ± 0.018 χ^2/NDF : 17702.6/17

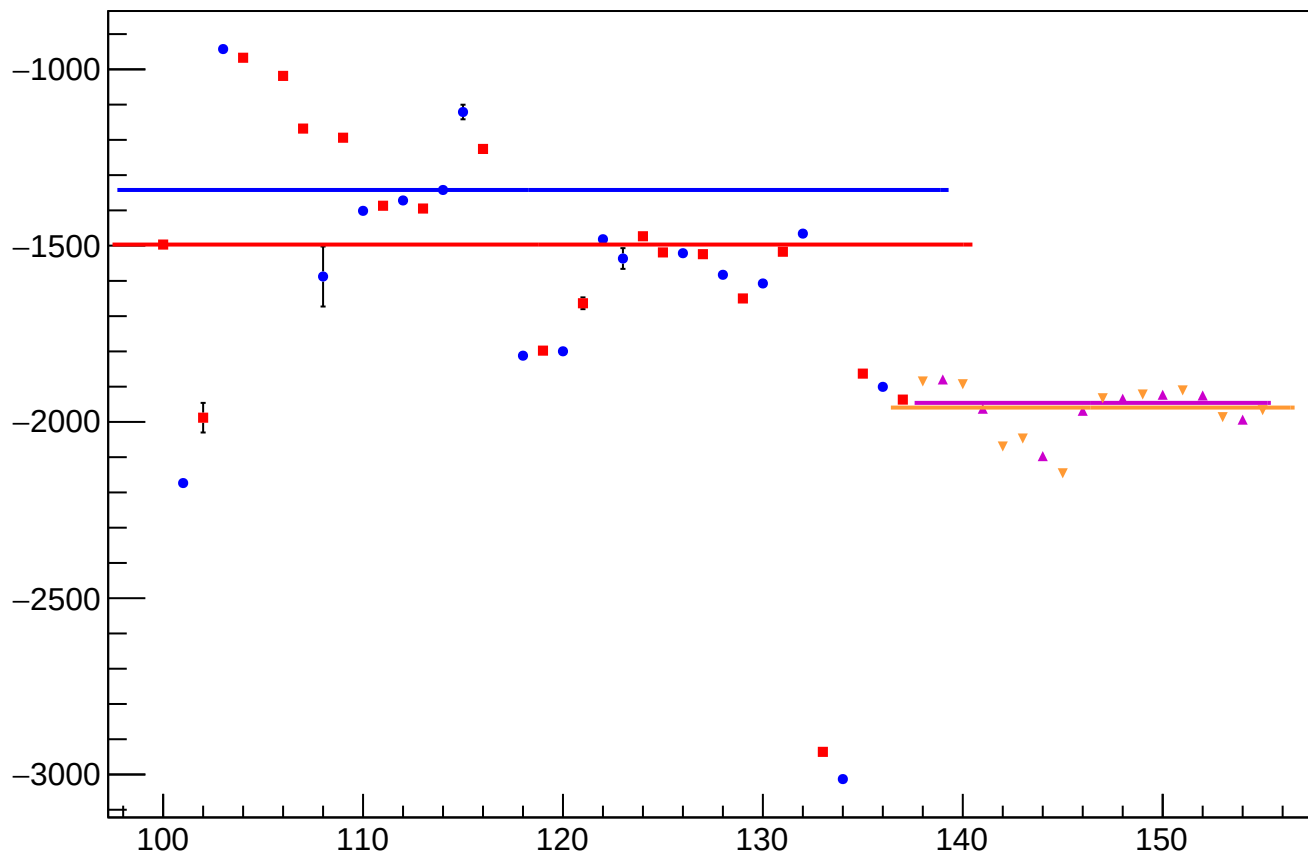
Right: -32.504 ± 0.000 χ^2/NDF : 203519.3/35

In: -32.504 ± 0.000 χ^2/NDF : 190827.8/24

Out: -22.993 ± 0.022 χ^2/NDF : 101908.8/28

All: -32.504 ± 0.000 χ^2/NDF : 479355.8/53

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107 $\pm$ 0.000 χ^2 /NDF: 370901.4/16

Left Out: -1959.307 $\pm$ 0.501 χ^2 /NDF:14125.2/9

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 504712.5/18

Left In: -1945.977 $\pm$ 0.410 χ^2 /NDF:15626.2/7

Left: -1951.320 $\pm$ 0.317 χ^2 /NDF: 30175.5/17

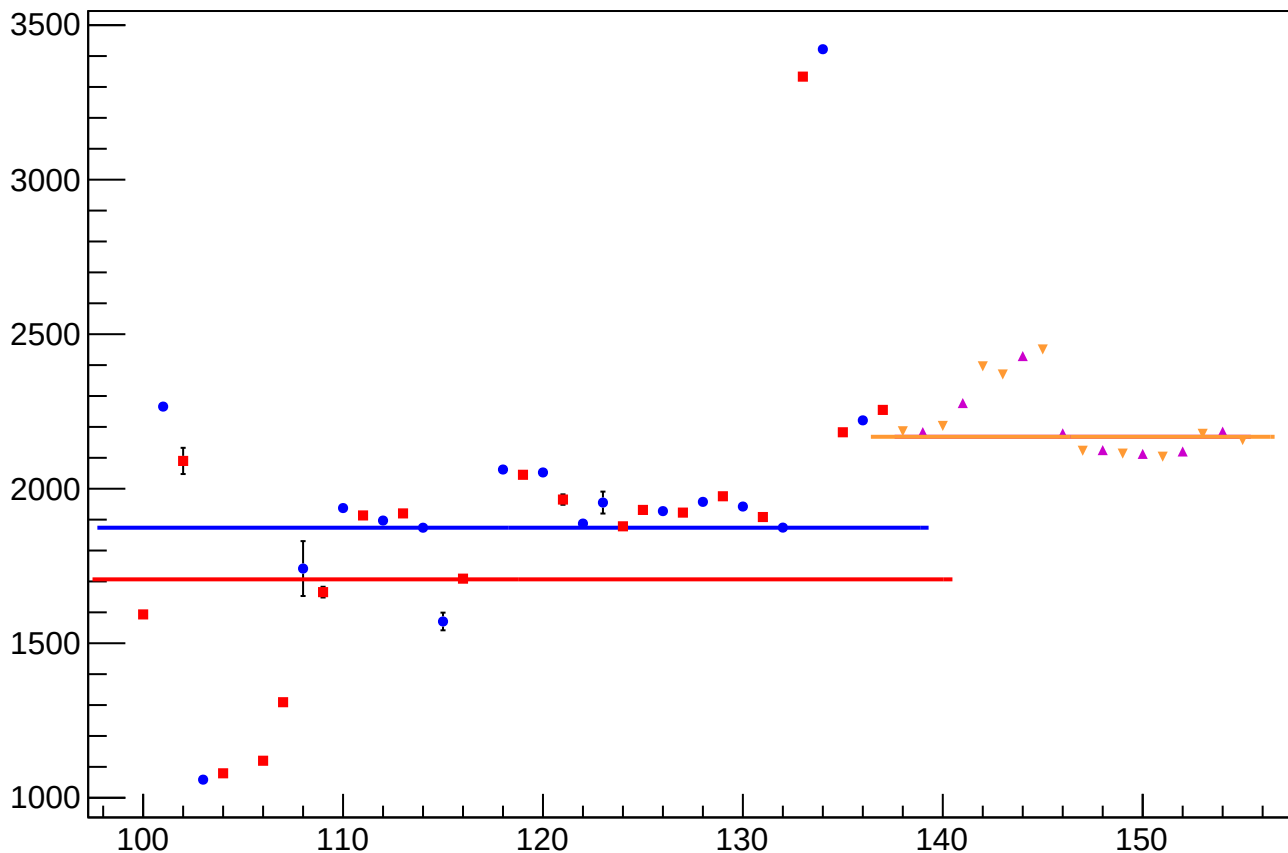
Right: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126763

In: -1342.107 $\pm$ 0.000 χ^2 /NDF:2558223.0/24

Out: -1496.932 $\pm$ 0.000 χ^2 /NDF:1370570.0/28

All: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 201563.9/16$

Left Out: 2168.055 ± 0.504 $\chi^2/\text{NDF}: 27136.5/9$

Right Out: 1706.739 ± 0.302 $\chi^2/\text{NDF}: 837936.9/18$

Left In: 2168.059 ± 0.411 $\chi^2/\text{NDF}: 35537.0/7$

Left: 2168.057 ± 0.319 $\chi^2/\text{NDF}: 62673.5/17$

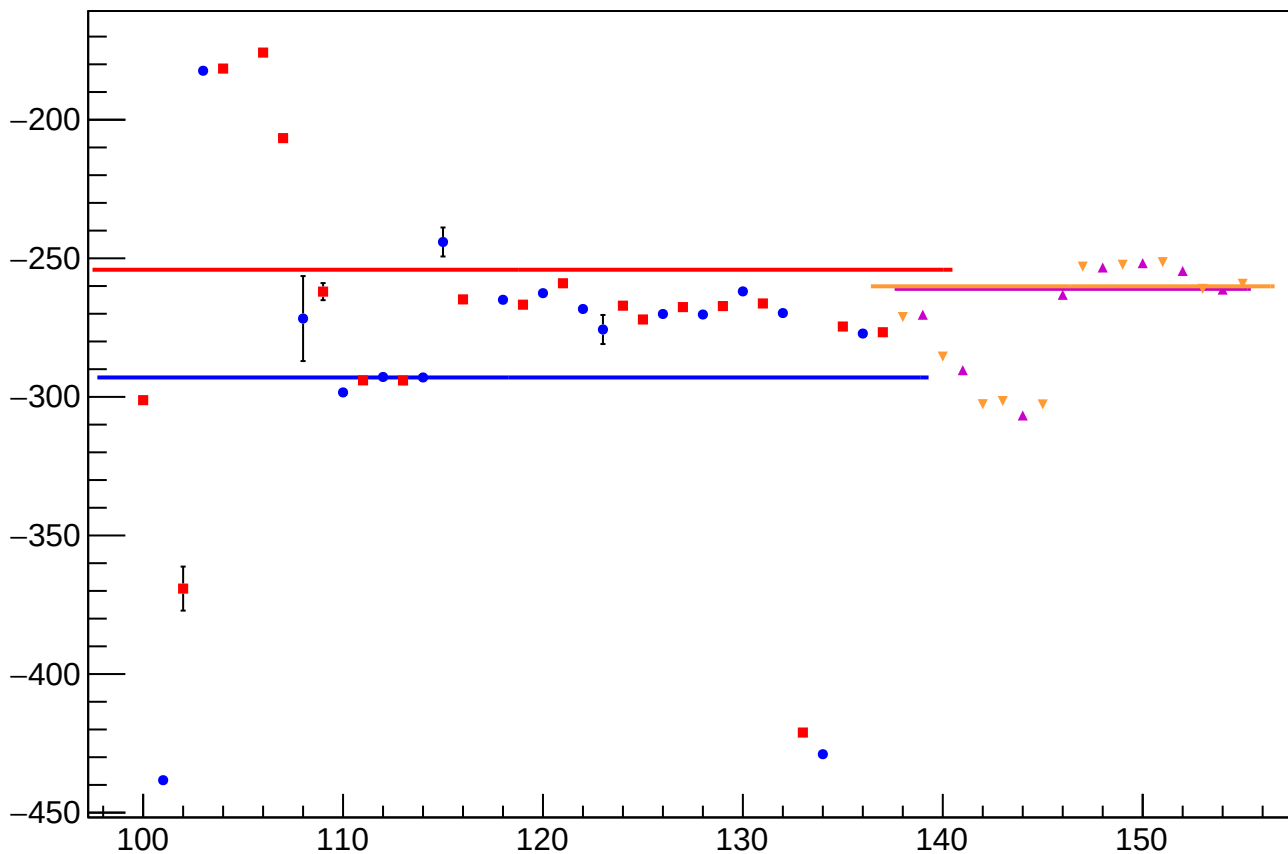
Right: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 1344906.8/35$

In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 749480.0/24$

Out: 1828.831 ± 0.259 $\chi^2/\text{NDF}: 1481022.5/28$

All: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 2260645.9/53$

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -260.100+/-0.028 χ^2/NDF :189762.8/9

Right Out: -254.119+/-0.059 χ^2/NDF : 502658.5/18

Left In: -261.015+/-0.025 χ^2/NDF :229453.0/7

Left: -260.608+/-0.018 χ^2/NDF : 419827.5/17

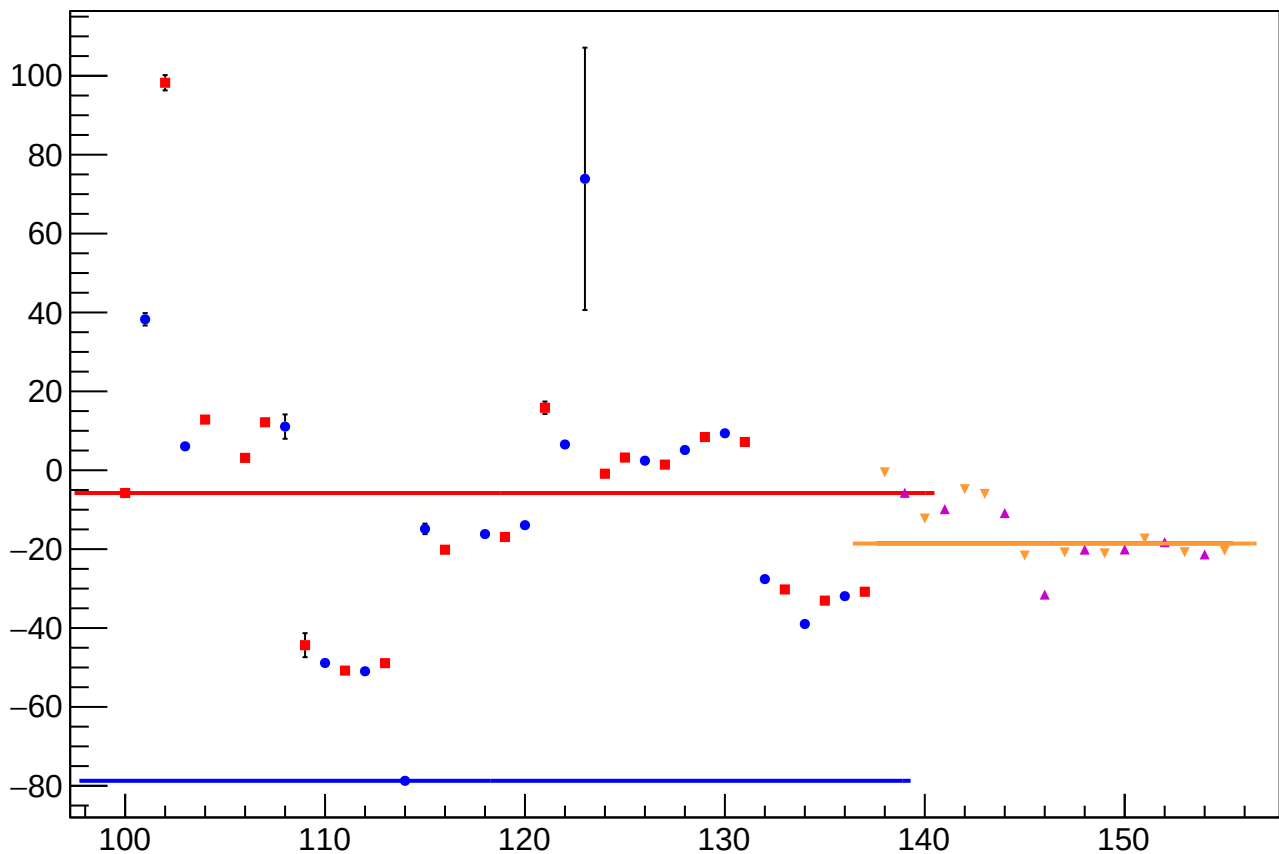
Right: -292.986+/-0.000 χ^2/NDF : 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF :2922269.2/24

Out: -259.029+/-0.025 χ^2/NDF :700859.4/28

All: -292.986+/-0.000 χ^2/NDF : 5473155.6/53

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF : 1399088.3/16

Left Out: -18.573+/-0.031 χ^2/NDF : 19971.0/9

Right Out: -5.769+/-0.000 χ^2/NDF : 111570.1/18

Left In: -18.538+/-0.026 χ^2/NDF : 34838.2/7

Left: -18.552+/-0.020 χ^2/NDF : 54809.9/17

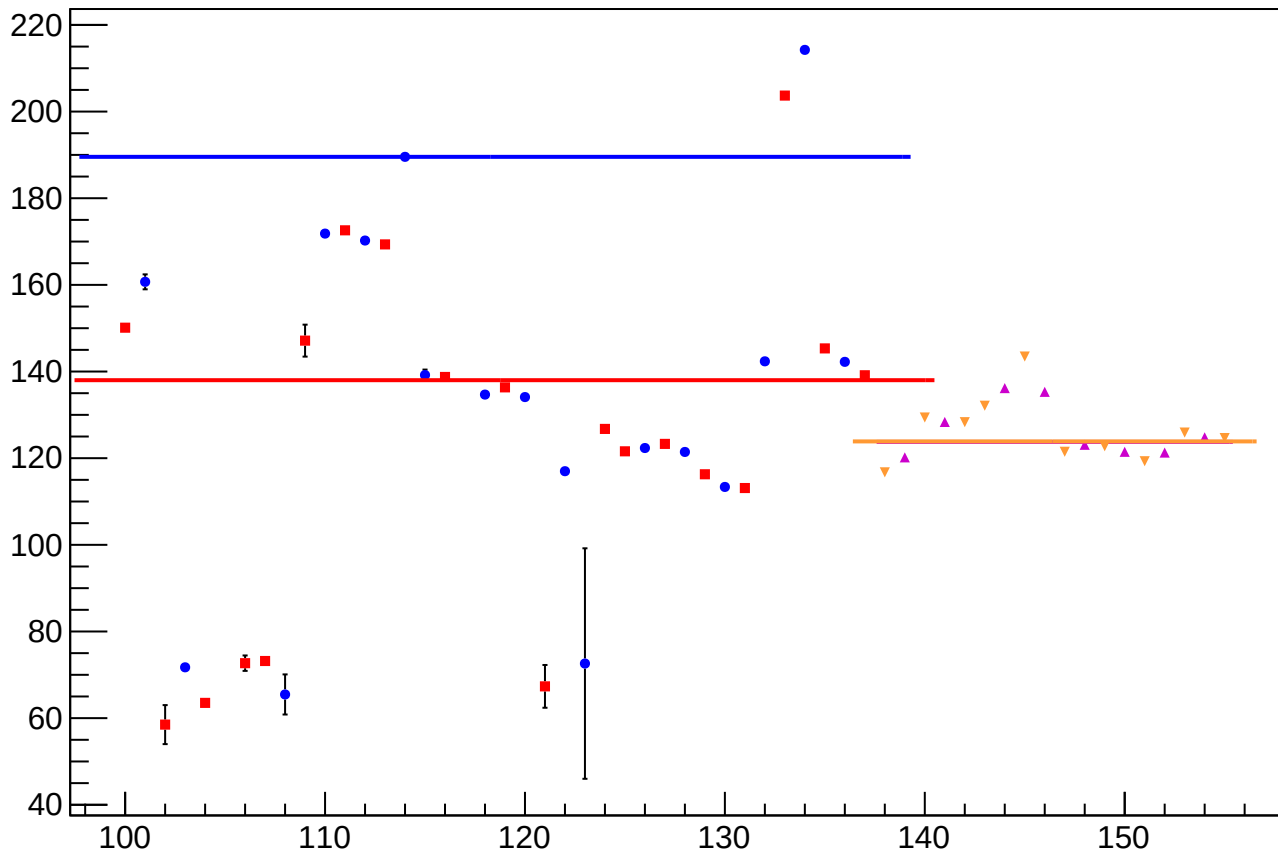
Right: -6.288+/-0.000 χ^2/NDF : 2878797679293380

In: -78.728+/-0.000 χ^2/NDF : 6810157.8/24

Out: -5.769+/-0.000 χ^2/NDF : 297129.9/28

All: -6.288+/-0.000 χ^2/NDF : 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 ± 0.000 $\chi^2/\text{NDF}: 927391.8/16$

Left Out: 123.872 ± 0.035 $\chi^2/\text{NDF}: 10289.6/9$

Right Out: 138.002 ± 0.059 $\chi^2/\text{NDF}: 117357.8/18$

Left In: 123.756 ± 0.037 $\chi^2/\text{NDF}: 9304.6/7$

Left: 123.817 ± 0.025 $\chi^2/\text{NDF}: 19599.5/17$

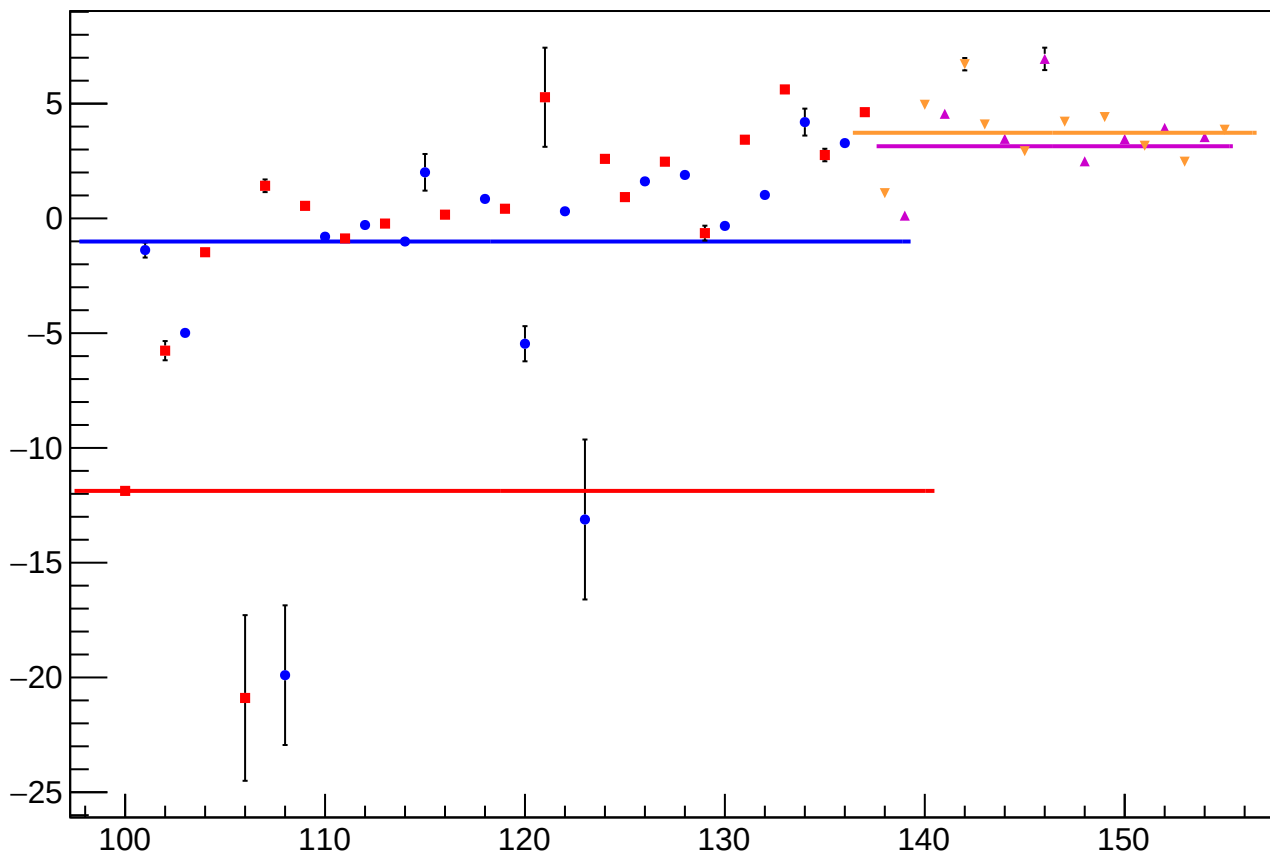
Right: 189.551 ± 0.000 $\chi^2/\text{NDF}: 1806450.5/35$

In: 189.551 ± 0.000 $\chi^2/\text{NDF}: 4116183.6/24$

Out: 127.507 ± 0.030 $\chi^2/\text{NDF}: 170156.6/28$

All: 189.551 ± 0.000 $\chi^2/\text{NDF}: 8575677.6/53$

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 3.730 ± 0.035 χ^2/NDF : 765.7/9

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

Left In: 3.144 ± 0.024 χ^2/NDF : 2719.6/7

Left: 3.330 ± 0.020 χ^2/NDF : 3680.5/17

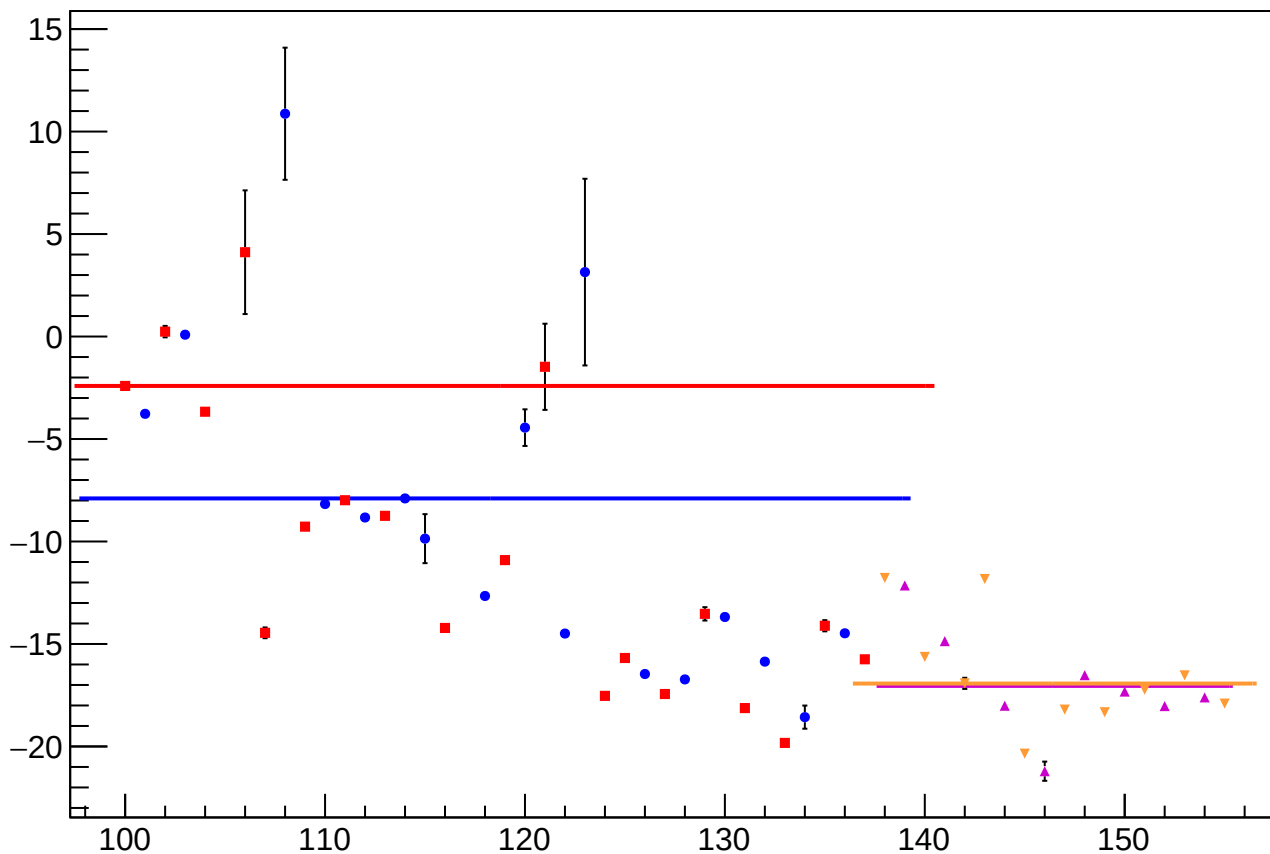
Right: -1.365 ± 0.000 χ^2/NDF : 2170760676638215

In: -1.007 ± 0.000 χ^2/NDF : 40663.6/24

Out: -11.872 ± 0.000 χ^2/NDF : 706564.0/28

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.930 ± 0.034 χ^2/NDF : 3908.5/9

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

Left In: -17.045 ± 0.025 χ^2/NDF : 2822.6/7

Left: -17.004 ± 0.020 χ^2/NDF : 6738.4/17

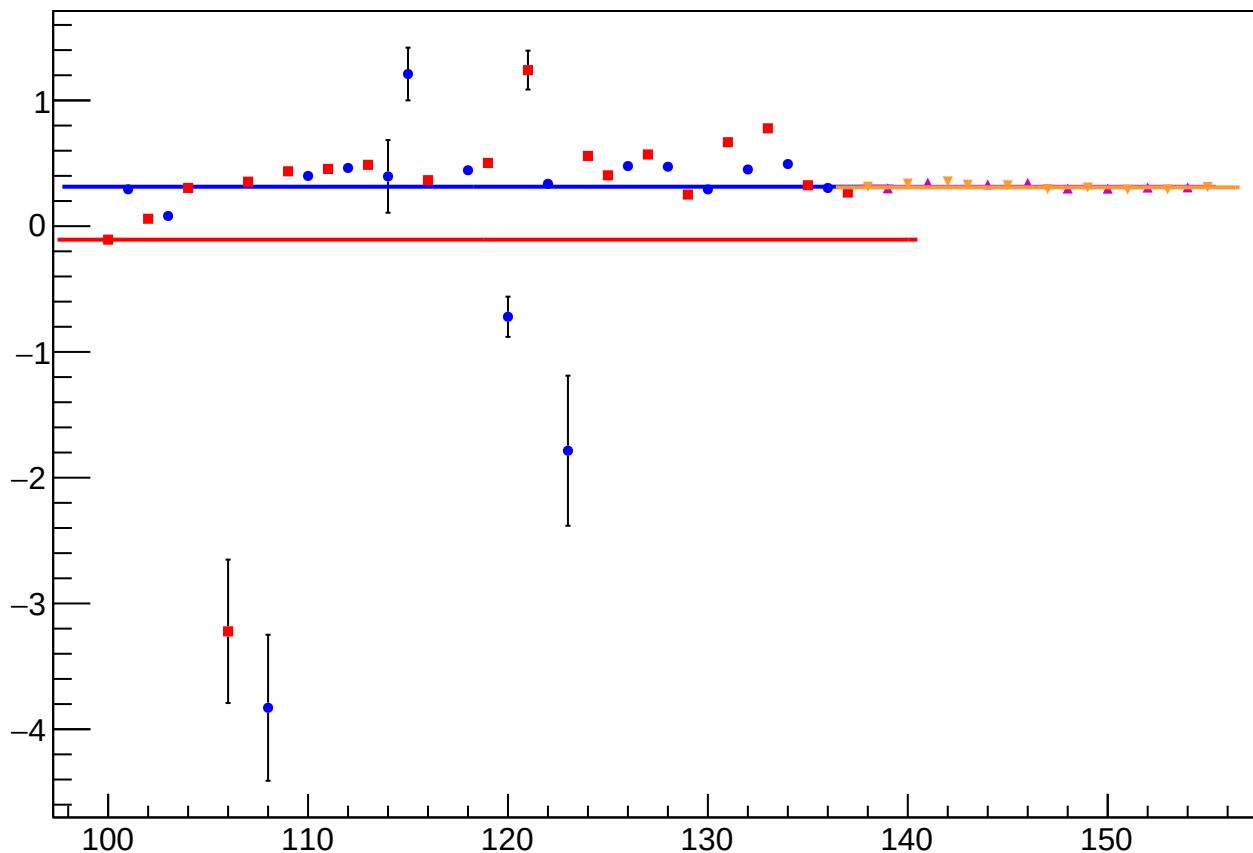
Right: -4.135 ± 0.000 χ^2/NDF : 2879850560728951

In: -7.899 ± 0.000 χ^2/NDF : 172891.0/24

Out: -2.410 ± 0.000 χ^2/NDF : 387682.4/28

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314 ± 0.001 $\chi^2/\text{NDF}: 2748.0/16$

Left Out: 0.309 ± 0.000 $\chi^2/\text{NDF}: 1789.7/9$

Right Out: -0.107 ± 0.000 $\chi^2/\text{NDF}: 219932.8/18$

Left In: 0.313 ± 0.000 $\chi^2/\text{NDF}: 1483.3/7$

Left: 0.311 ± 0.000 $\chi^2/\text{NDF}: 3337.9/17$

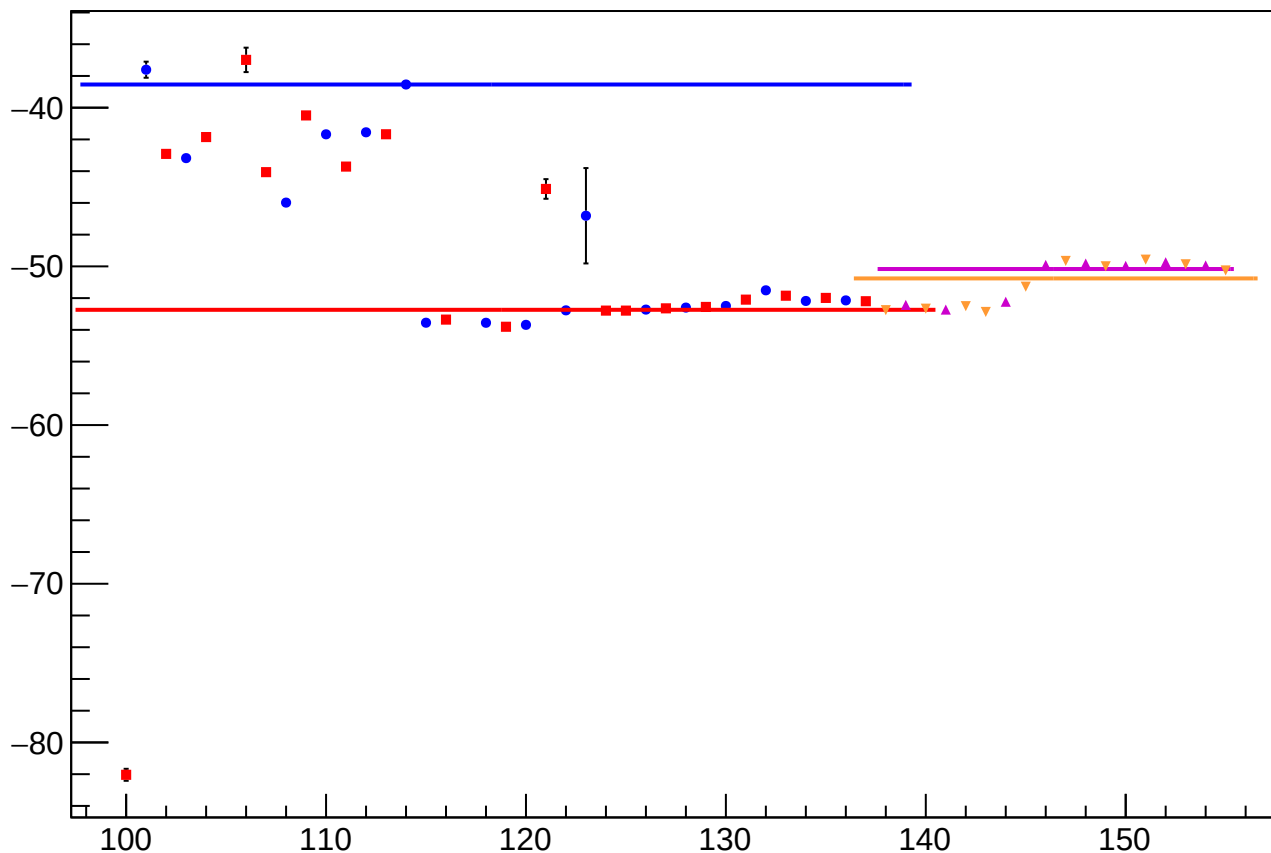
Right: -0.107 ± 0.000 $\chi^2/\text{NDF}: 409026.8/35$

In: 0.313 ± 0.000 $\chi^2/\text{NDF}: 4231.9/24$

Out: -0.107 ± 0.000 $\chi^2/\text{NDF}: 1276155.6/28$

All: -0.107 ± 0.000 $\chi^2/\text{NDF}: 2769355.6/53$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -50.759 ± 0.003 χ^2/NDF : 211373.7/9

Right Out: -52.737 ± 0.002 χ^2/NDF : 87430.2/18

Left In: -50.166 ± 0.002 χ^2/NDF : 152943.2/7

Left: -50.346 ± 0.002 χ^2/NDF : 391983.9/17

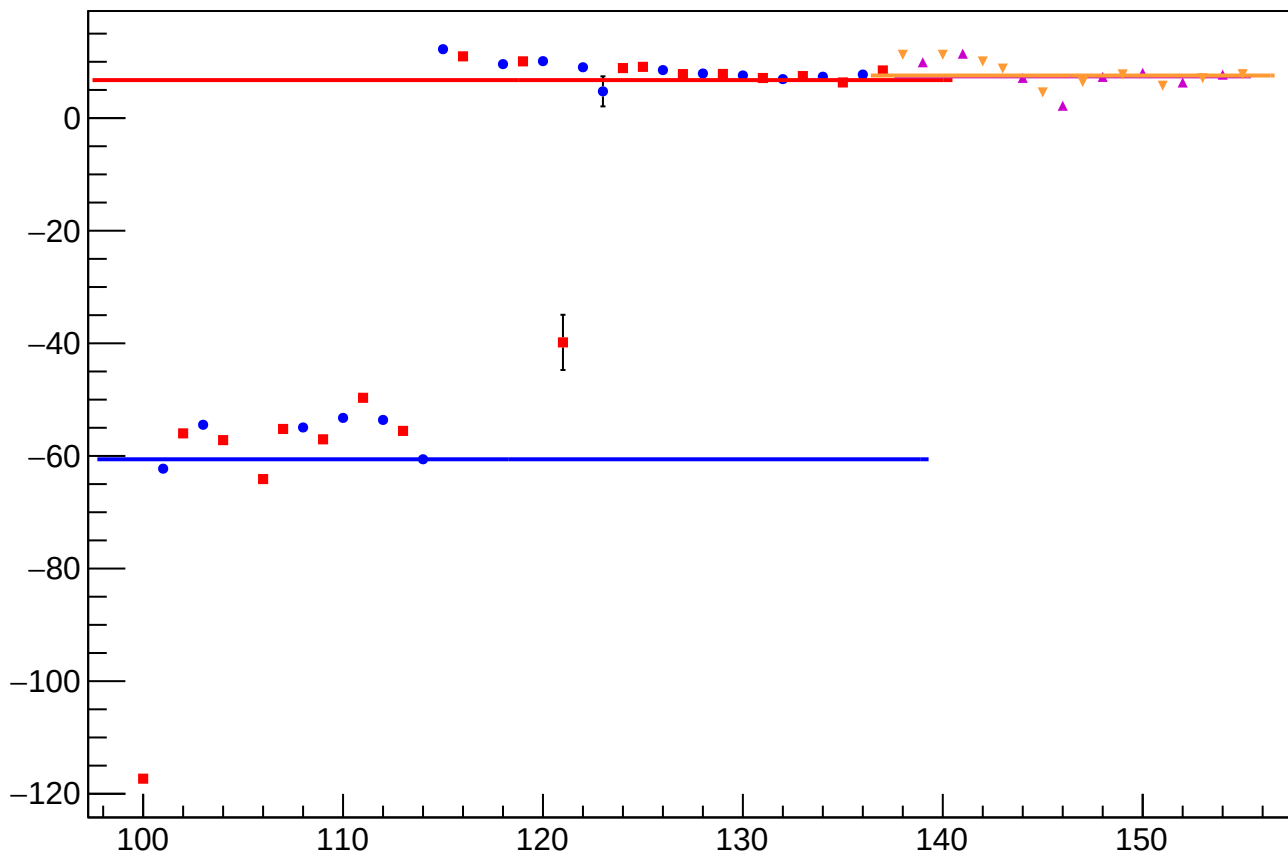
Right: -38.539 ± 0.000 χ^2/NDF : 72100834.2/35

In: -38.539 ± 0.000 χ^2/NDF : 50050277.0/24

Out: -52.172 ± 0.002 χ^2/NDF : 614843.1/28

All: -38.539 ± 0.000 χ^2/NDF : 124295921.5/55

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594 ± 0.000 $\chi^2/\text{NDF}: 26122838.1/16$

Left Out: 7.561 ± 0.006 $\chi^2/\text{NDF}: 65349.6/9$

Right Out: 6.748 ± 0.011 $\chi^2/\text{NDF}: 1266598.3/18$

Left In: 7.411 ± 0.004 $\chi^2/\text{NDF}: 107211.6/7$

Left: 7.458 ± 0.004 $\chi^2/\text{NDF}: 172954.5/17$

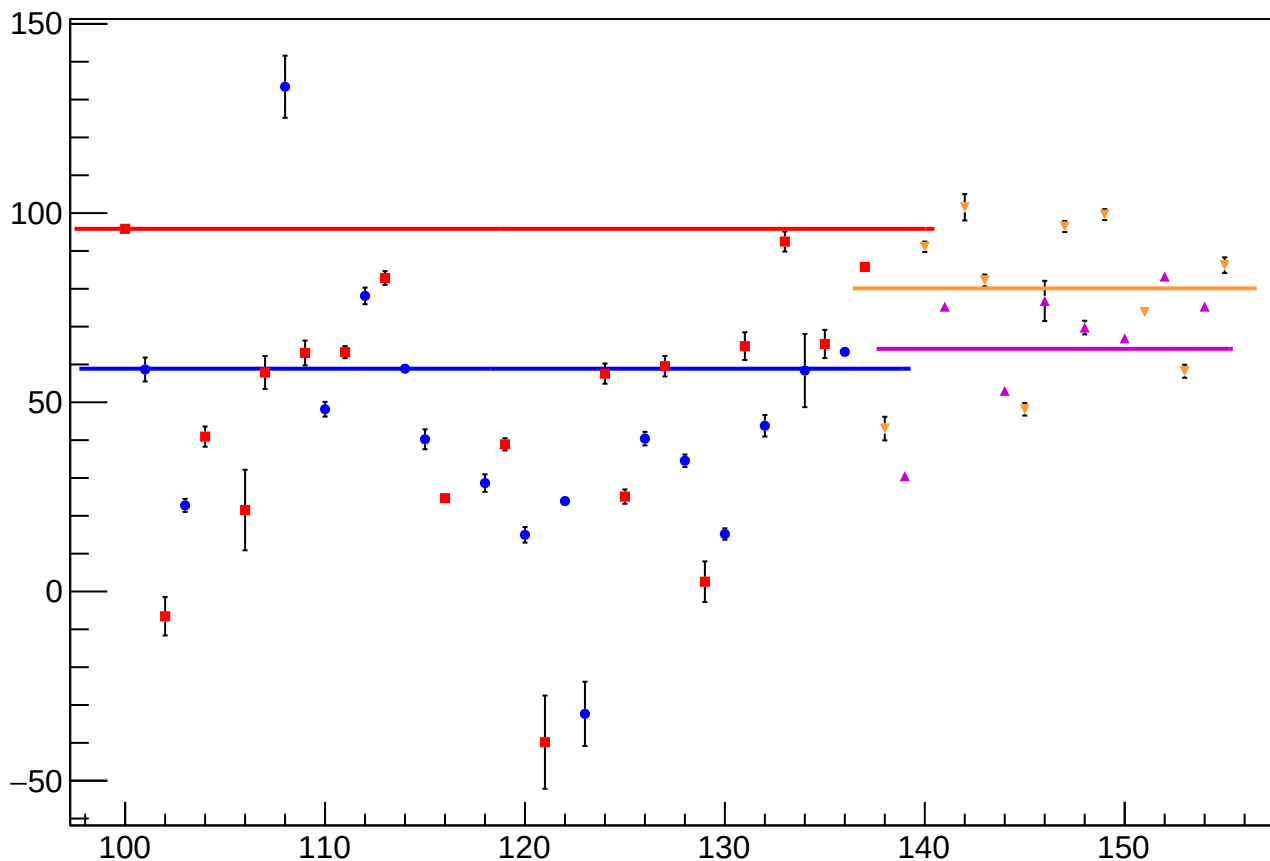
Right: -60.594 ± 0.000 $\chi^2/\text{NDF}: 64778482.9/35$

In: -60.594 ± 0.000 $\chi^2/\text{NDF}: 281720078.5/24$

Out: 7.361 ± 0.005 $\chi^2/\text{NDF}: 1336052.5/28$

All: -60.594 ± 0.000 $\chi^2/\text{NDF}: 437551898.0/5$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 ± 0.000 $\chi^2/\text{NDF}: 3814.7/16$

Left Out: 80.105 ± 0.524 $\chi^2/\text{NDF}: 1117.2/9$

Right Out: 95.846 ± 0.000 $\chi^2/\text{NDF}: 39385.0/18$

Left In: 64.137 ± 0.374 $\chi^2/\text{NDF}: 1898.7/7$

Left: 69.525 ± 0.304 $\chi^2/\text{NDF}: 3631.0/17$

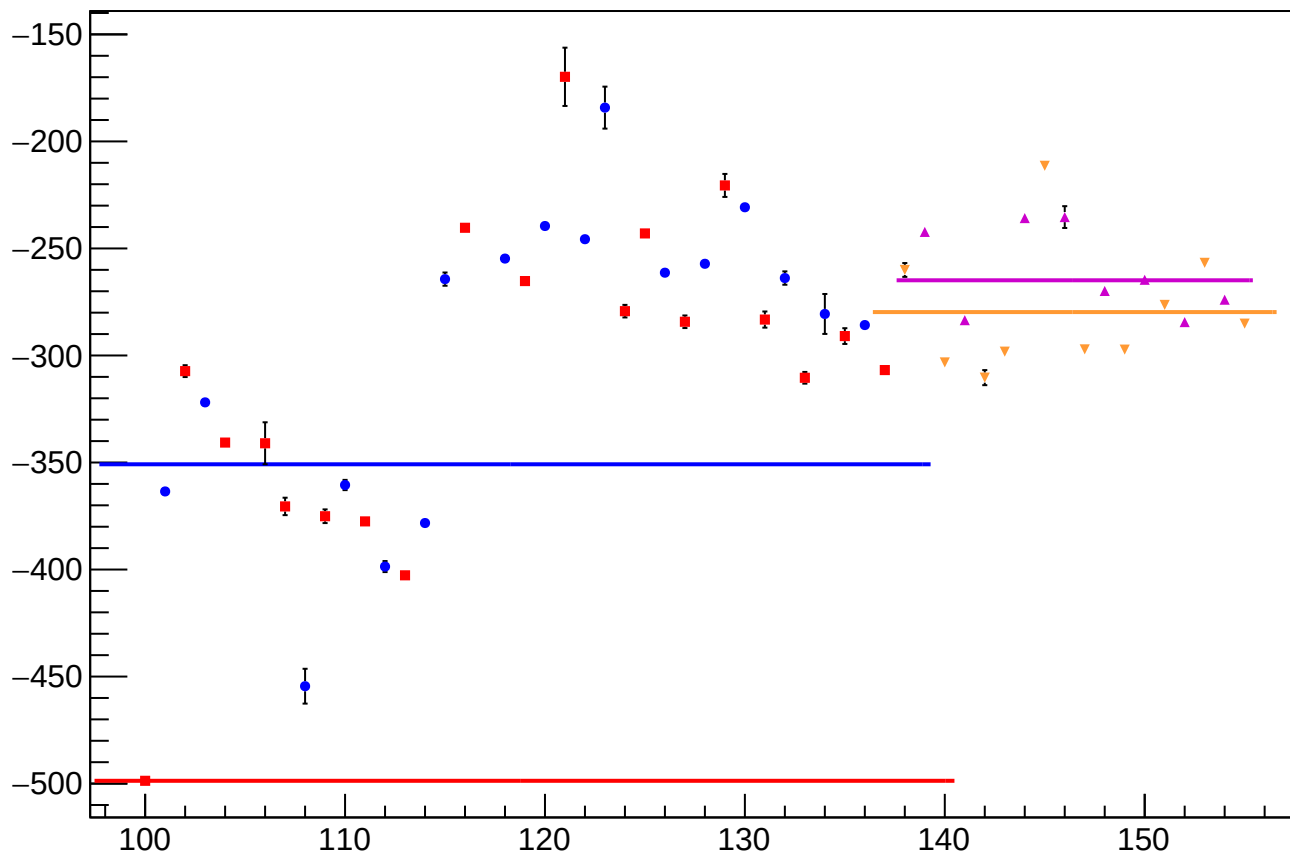
Right: 60.098 ± 0.000 $\chi^2/\text{NDF}: 9815233945666380$

In: 58.880 ± 0.000 $\chi^2/\text{NDF}: 5910.9/24$

Out: 95.846 ± 0.000 $\chi^2/\text{NDF}: 41404.4/28$

All: 60.098 ± 0.000 $\chi^2/\text{NDF}: 9815233945666380$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833 ± 0.245 $\chi^2/\text{NDF}: 41301.1/16$

Left Out: -279.724 ± 0.513 $\chi^2/\text{NDF}: 2978.1/9$

Right Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 511870.8/18$

Left In: -264.875 ± 0.379 $\chi^2/\text{NDF}: 1836.0/7$

Left: -270.111 ± 0.305 $\chi^2/\text{NDF}: 5355.5/17$

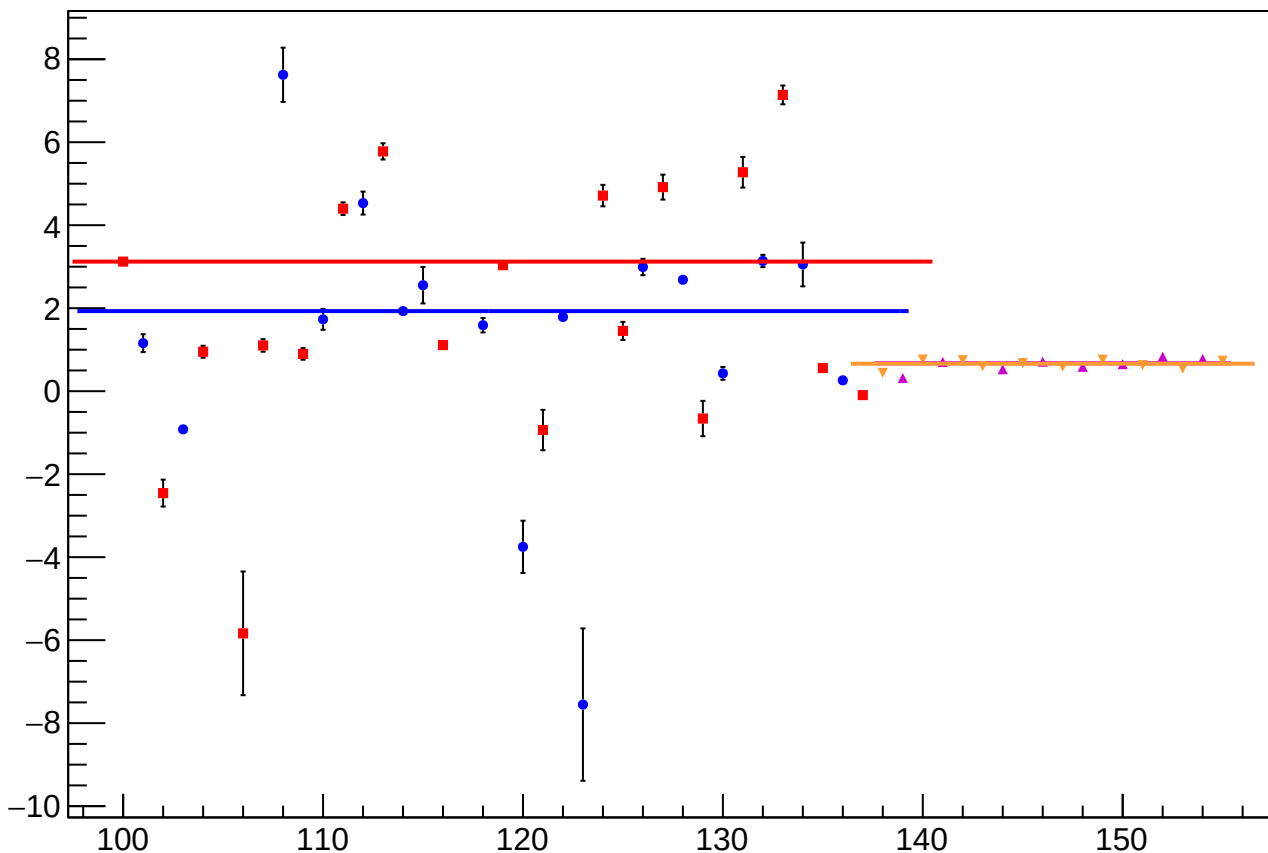
Right: -498.692 ± 0.000 $\chi^2/\text{NDF}: 918780.8/35$

In: -325.561 ± 0.205 $\chi^2/\text{NDF}: 79464.9/24$

Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 696699.4/28$

All: -498.692 ± 0.000 $\chi^2/\text{NDF}: 1486176.1/53$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930 ± 0.000 $\chi^2/\text{NDF}: 59970.9/16$

Left Out: 0.662 ± 0.003 $\chi^2/\text{NDF}: 686.5/9$

Right Out: 3.123 ± 0.000 $\chi^2/\text{NDF}: 512565.5/18$

Left In: 0.674 ± 0.003 $\chi^2/\text{NDF}: 3342.8/7$

Left: 0.669 ± 0.002 $\chi^2/\text{NDF}: 4037.0/17$

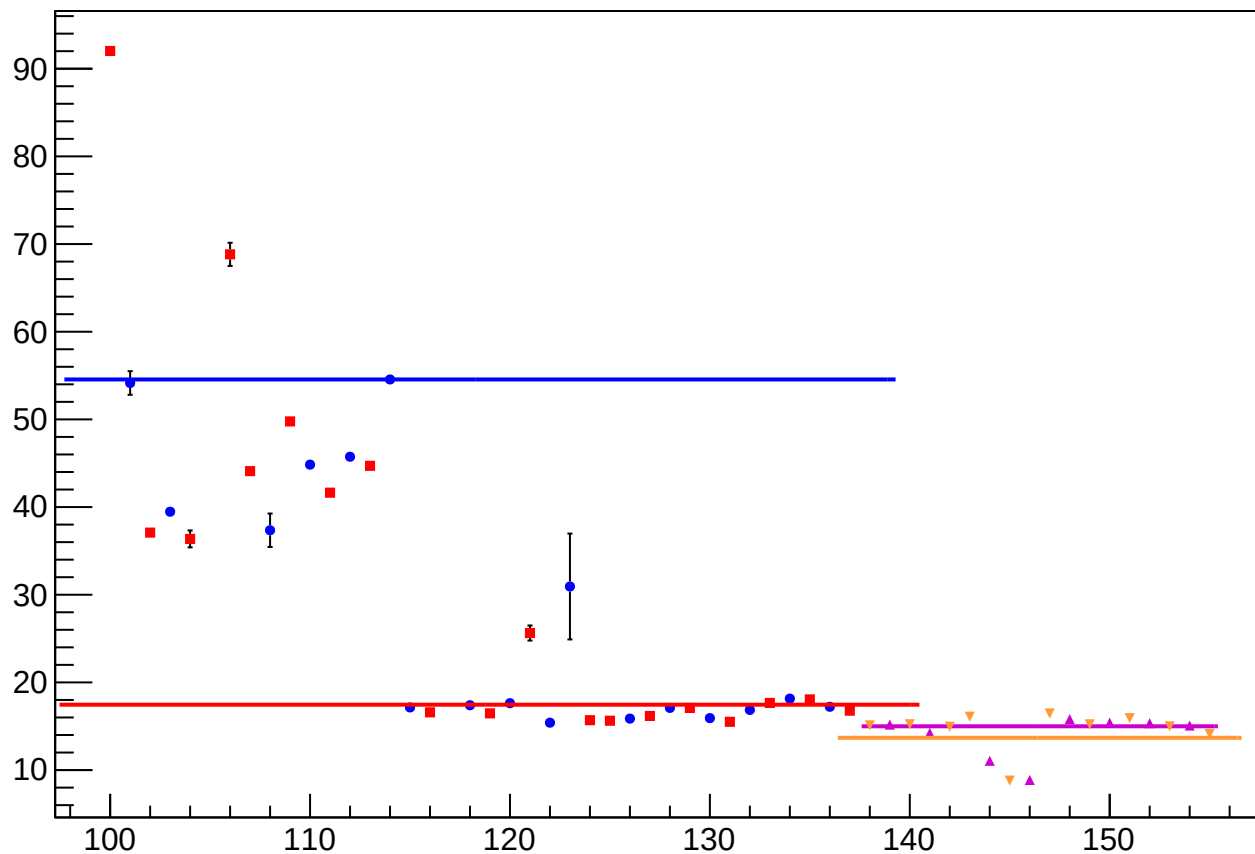
Right: 2.073 ± 0.000 $\chi^2/\text{NDF}: 38099534578085305$

In: 1.930 ± 0.000 $\chi^2/\text{NDF}: 287444.7/24$

Out: 3.123 ± 0.000 $\chi^2/\text{NDF}: 1059964.9/28$

All: 2.073 ± 0.000 $\chi^2/\text{NDF}: 38099534578085305$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 7238433.0/16

Left Out: 13.682 $\pm$ 0.011 χ^2 /NDF: 72161.3/9

Right Out: 17.458 $\pm$ 0.018 χ^2 /NDF: 99308.5/18

Left In: 14.994 $\pm$ 0.011 χ^2 /NDF: 7606.5/7

Left: 14.362 $\pm$ 0.008 χ^2 /NDF: 86864.4/17

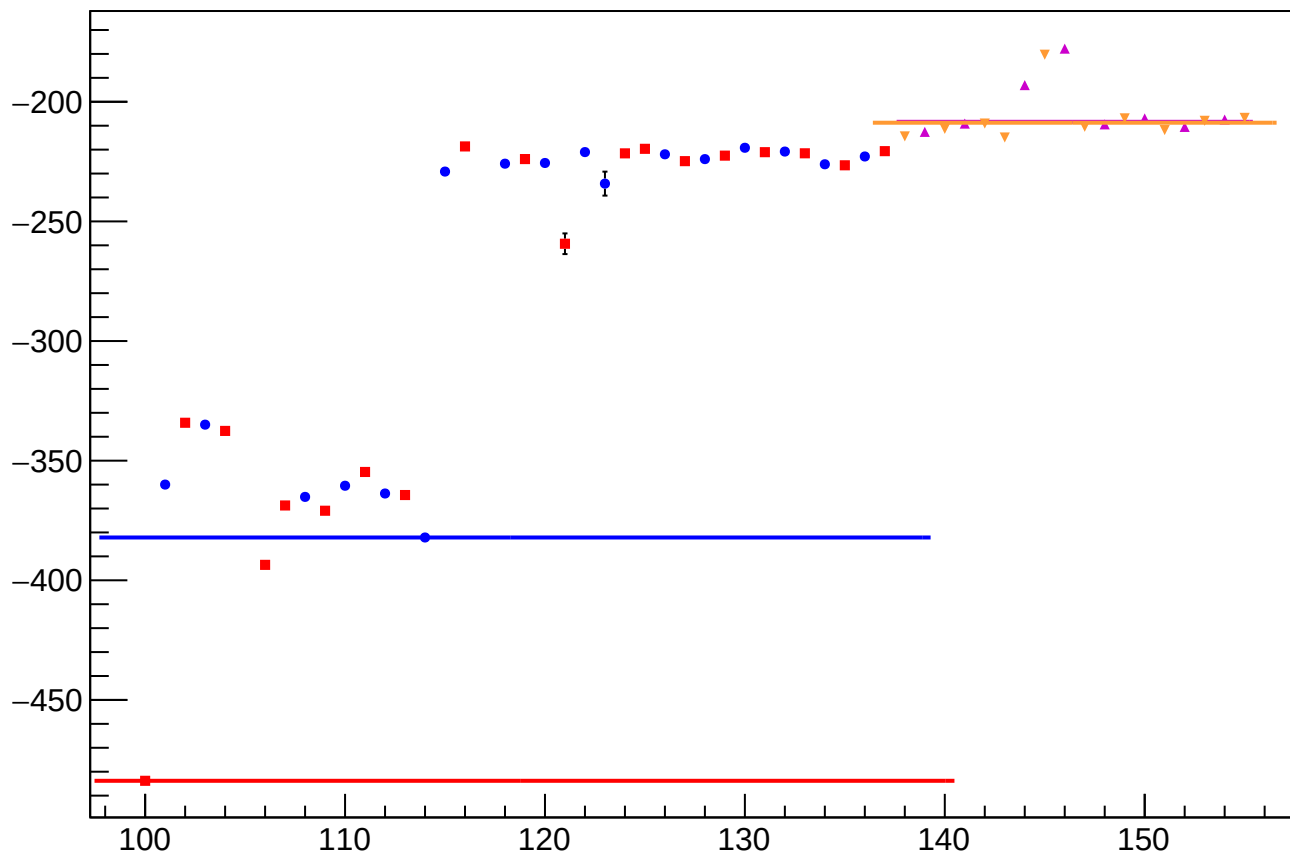
Right: 54.556 $\pm$ 0.000 χ^2 /NDF: 11453944.4/35

In: 54.556 $\pm$ 0.000 χ^2 /NDF: 20648921.9/24

Out: 14.715 $\pm$ 0.010 χ^2 /NDF: 202464.7/28

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 38208539.7/53

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -208.752+/-0.021 χ^2/NDF : 59211.9/9

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

Left In: -208.373+/-0.020 χ^2/NDF : 13747.9/7

Left: -208.554+/-0.015 χ^2/NDF : 73126.8/17

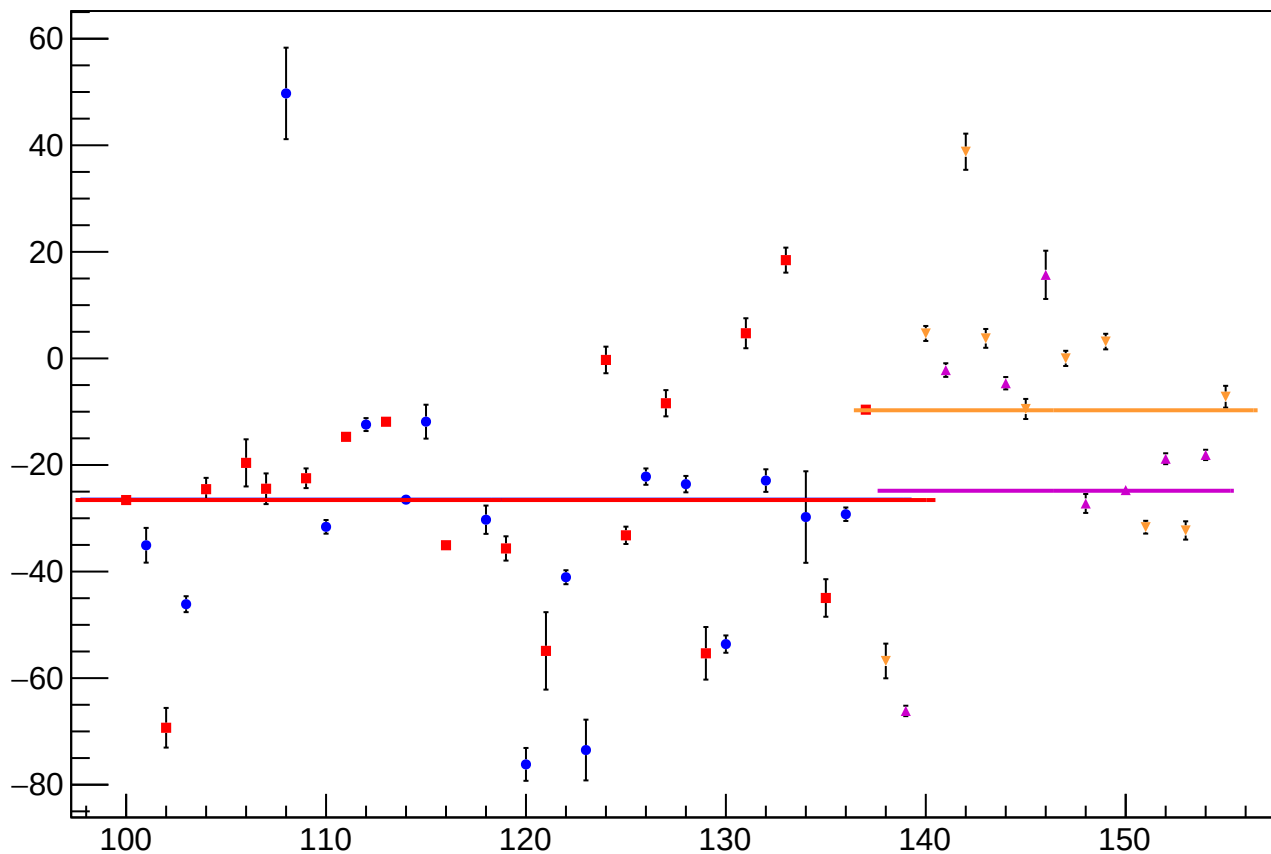
Right: -417.999+/-0.000 χ^2/NDF : 12425488813367

In: -382.108+/-0.000 χ^2/NDF : 91608011.7/24

Out: -483.800+/-0.000 χ^2/NDF : 193019572.1/28

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: -9.731 ± 0.533 χ^2/NDF : 1209.3/9

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

Left In: -24.834 ± 0.392 χ^2/NDF : 2566.3/7

Left: -19.525 ± 0.316 χ^2/NDF : 4296.4/17

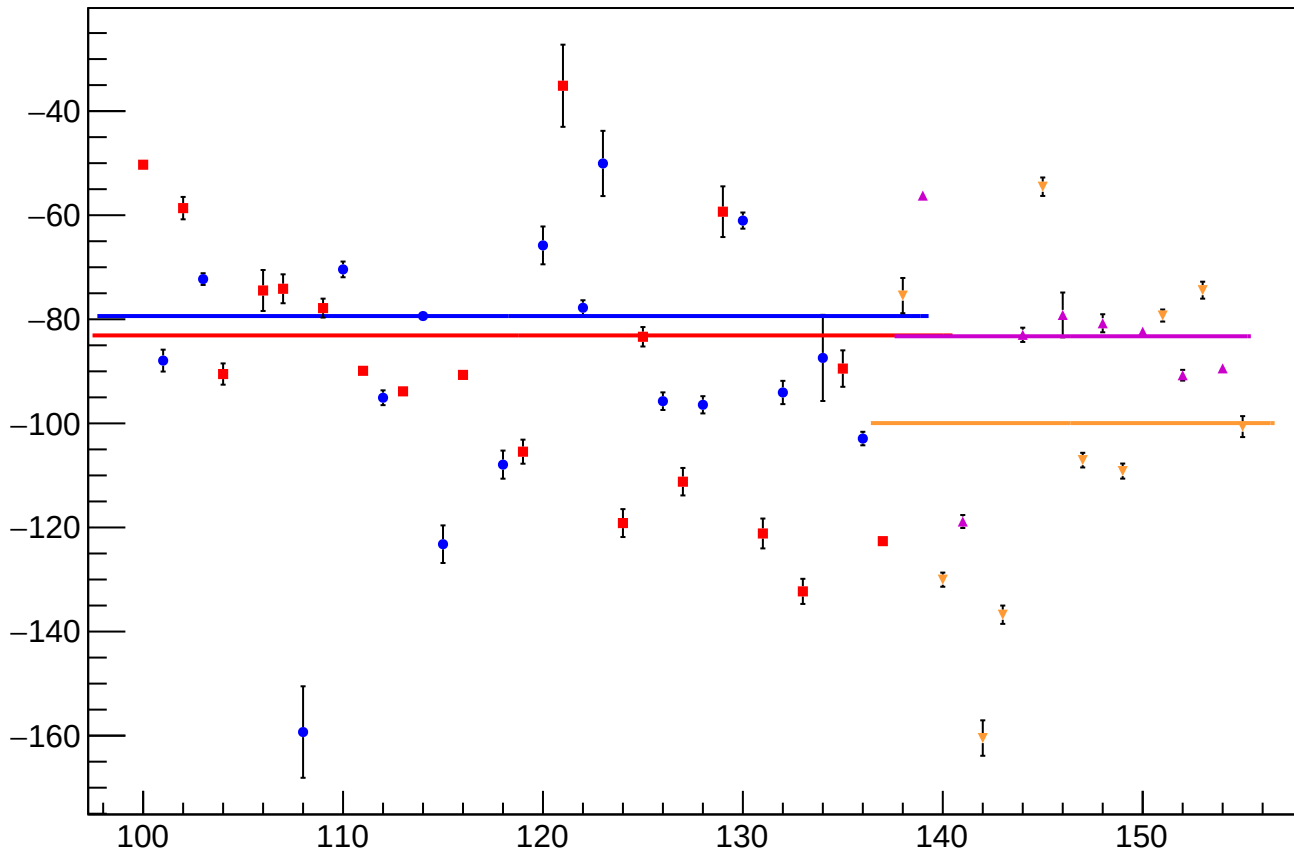
Right: -26.530 ± 0.000 χ^2/NDF : 412159279654659

In: -26.504 ± 0.000 χ^2/NDF : 3765.1/24

Out: -26.577 ± 0.000 χ^2/NDF : 4849.4/28

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -99.946 ± 0.520 $\chi^2/\text{NDF}: 2580.6/9$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

Left In: -83.259 ± 0.387 $\chi^2/\text{NDF}: 1827.7/7$

Left: -89.203 ± 0.310 $\chi^2/\text{NDF}: 5072.2/17$

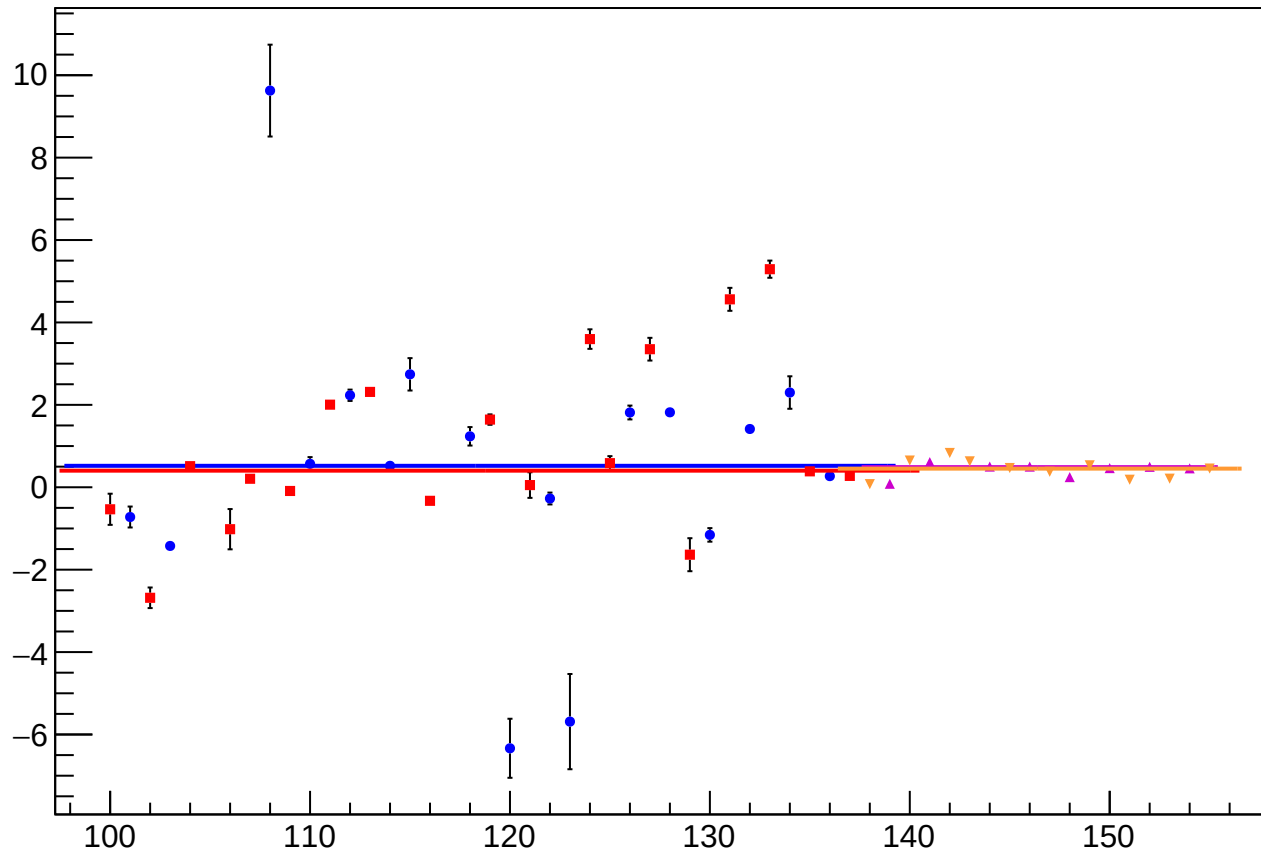
Right: -79.376 ± 0.000 $\chi^2/\text{NDF}: 13657.0/35$

In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 3233.3/24$

Out: -84.871 ± 0.169 $\chi^2/\text{NDF}: 15436.9/28$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 19733.1/53$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521 ± 0.000 χ^2/NDF : 3370.8/16

Left Out: 0.452 ± 0.004 χ^2/NDF : 1974.9/9

Right Out: 0.403 ± 0.011 χ^2/NDF : 2727.5/18

Left In: 0.489 ± 0.003 χ^2/NDF : 2829.5/7

Left: 0.477 ± 0.002 χ^2/NDF : 4865.5/17

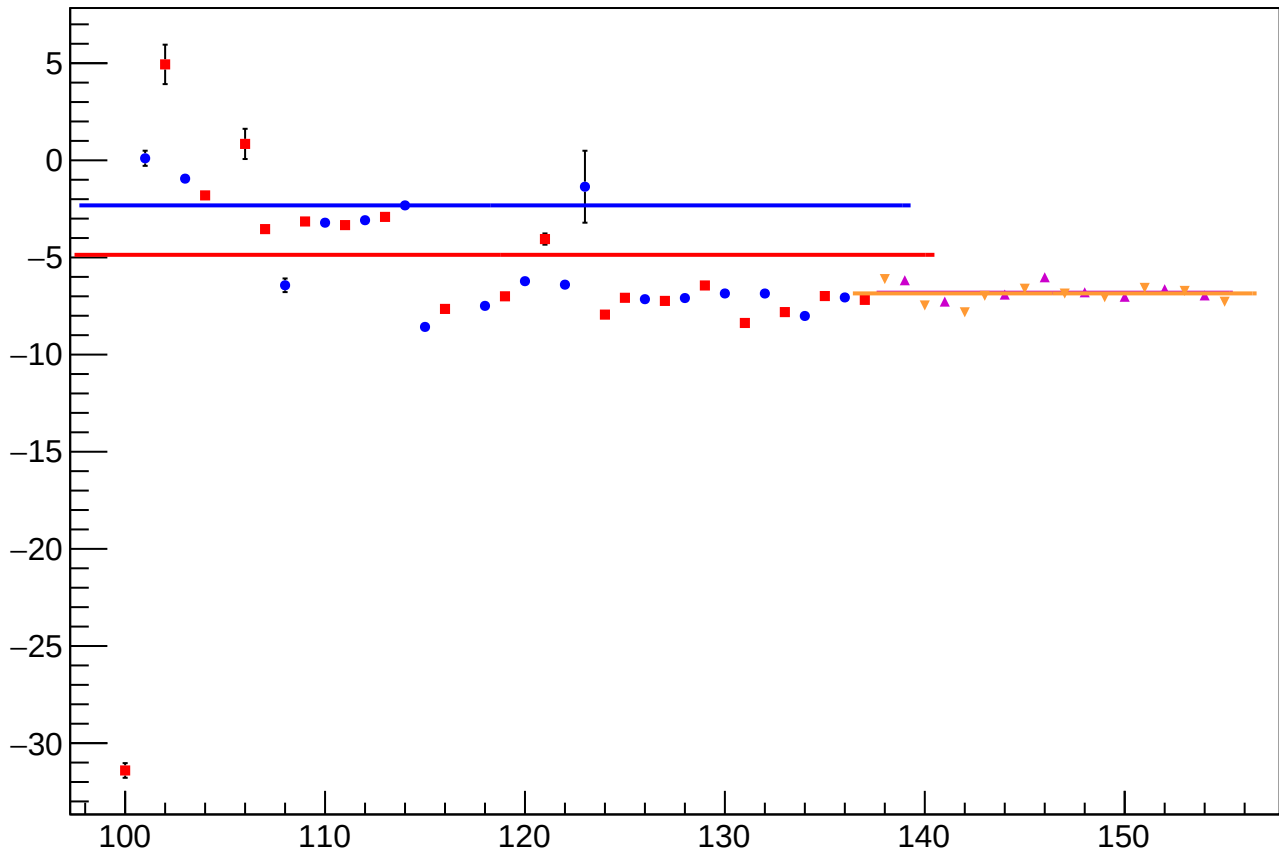
Right: 0.521 ± 0.000 χ^2/NDF : 6215.1/35

In: 0.521 ± 0.000 χ^2/NDF : 6346.2/24

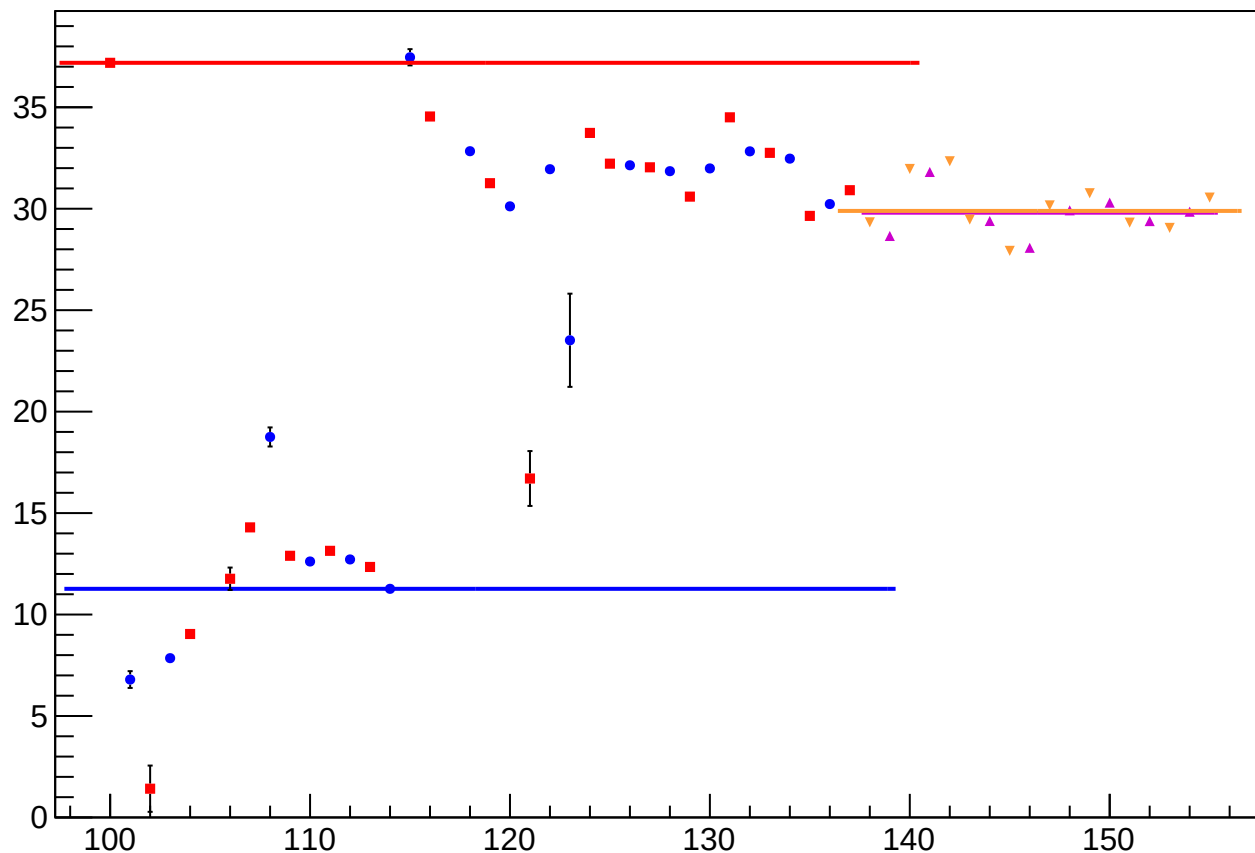
Out: 0.447 ± 0.004 χ^2/NDF : 4720.6/28

All: 0.521 ± 0.000 χ^2/NDF : 11480.8/53

dit_sam3_4aY_slope vs Slug, Sign Corrected



dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.892 $\pm$ 0.016 χ^2 /NDF: 4933.5/9

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

Left In: 29.804 $\pm$ 0.013 χ^2 /NDF: 2629.6/7

Left: 29.839 $\pm$ 0.010 χ^2 /NDF: 7581.4/17

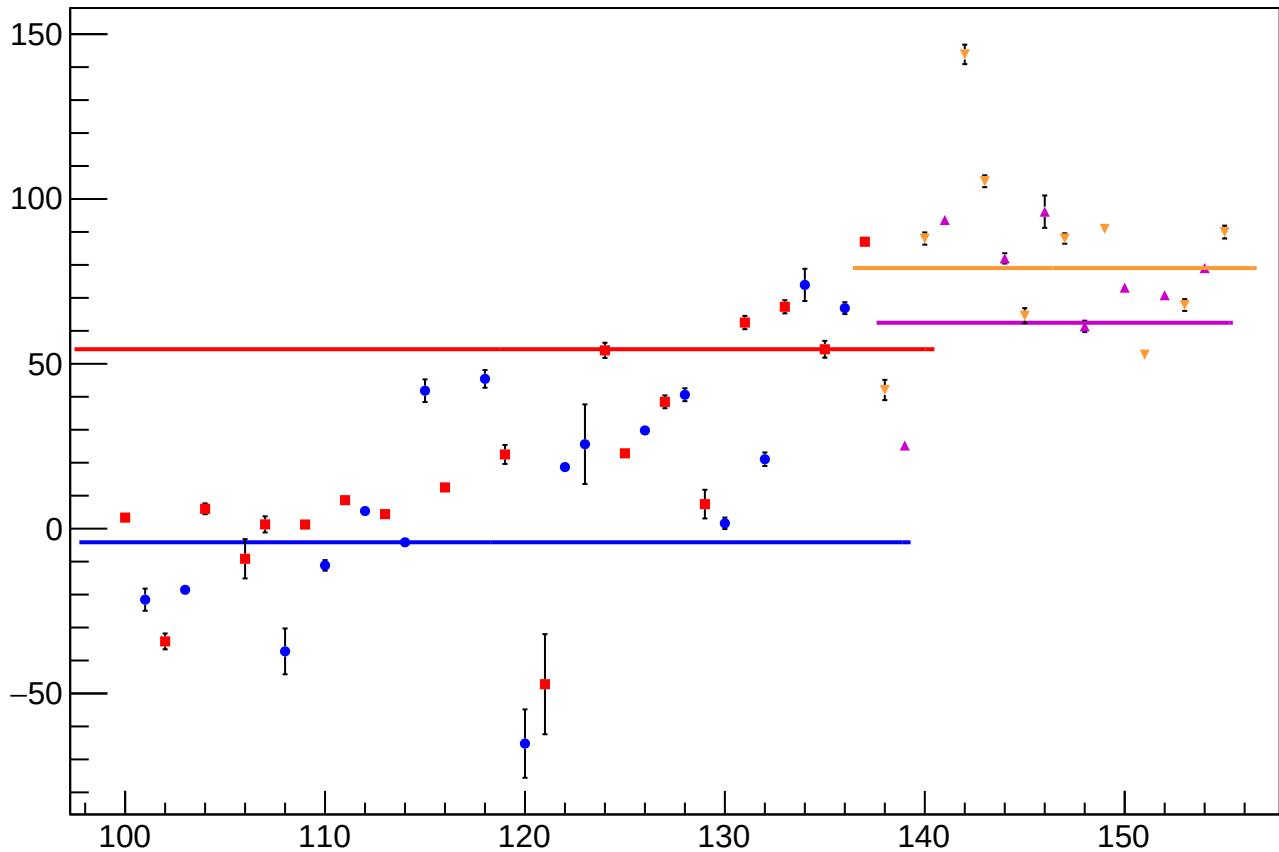
Right: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978834

In: 11.268 $\pm$ 0.000 χ^2 /NDF: 3023271.4/24

Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1338555.3/28

All: 12.122 $\pm$ 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: 79.051 ± 0.555 χ^2/NDF : 1604.2/9

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

Left In: 62.452 ± 0.384 χ^2/NDF : 3930.9/7

Left: 67.814 ± 0.316 χ^2/NDF : 6139.8/17

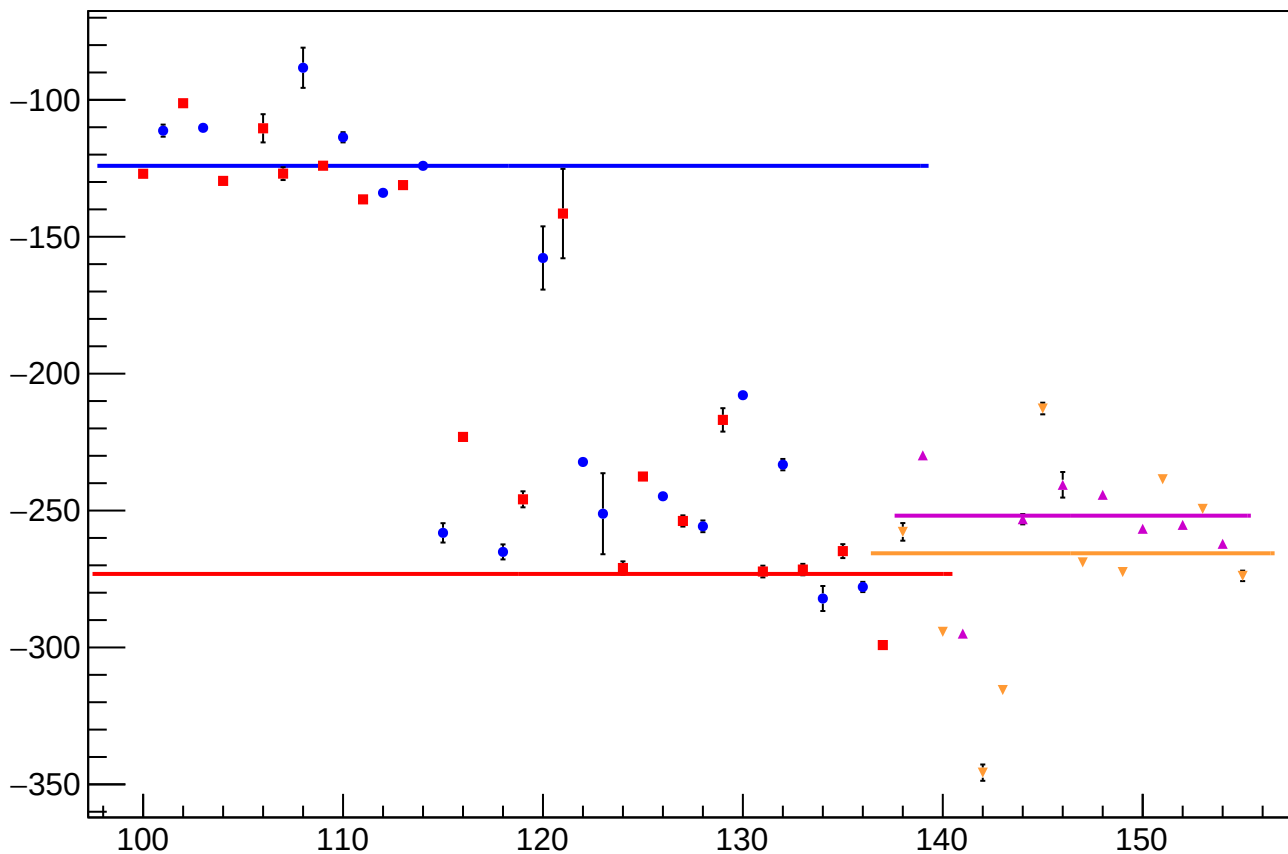
Right: -4.139 ± 0.000 χ^2/NDF : 177029.3/35

In: -4.139 ± 0.000 χ^2/NDF : 38706.7/24

Out: 56.541 ± 0.163 χ^2/NDF : 57399.8/28

All: -4.139 ± 0.000 χ^2/NDF : 235119.5/53

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095 ± 0.000 χ^2/NDF : 38152.5/16

Left Out: -265.604 ± 0.546 χ^2/NDF : 3087.2/9

Right Out: -273.143 ± 0.113 χ^2/NDF : 280141.9/18

Left In: -251.866 ± 0.373 χ^2/NDF : 2442.0/7

Left: -256.241 ± 0.308 χ^2/NDF : 5960.8/17

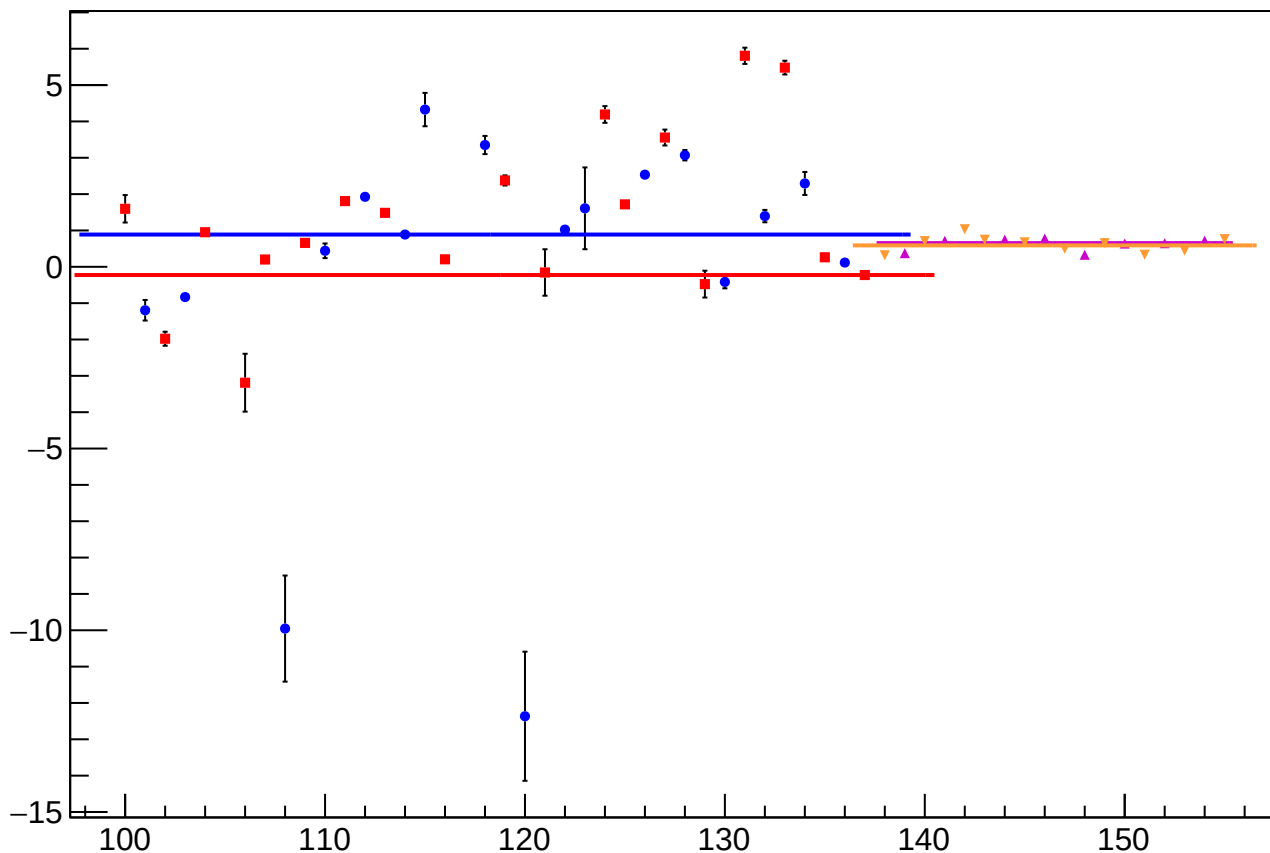
Right: -124.095 ± 0.000 χ^2/NDF : 2066776.4/35

In: -124.095 ± 0.000 χ^2/NDF : 157831.2/24

Out: -272.835 ± 0.110 χ^2/NDF : 283412.1/28

All: -124.095 ± 0.000 χ^2/NDF : 2256733.2/53

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 $\pm$ 0.000 χ^2 /NDF: 8672.0/16

Left Out: 0.589 $\pm$ 0.004 χ^2 /NDF:1940.1/9

Right Out: -0.226 $\pm$ 0.000 χ^2 /NDF: 5031.1/18

Left In: 0.652 $\pm$ 0.003 χ^2 /NDF:1104.2/7

Left: 0.627 $\pm$ 0.003 χ^2 /NDF: 3182.7/17

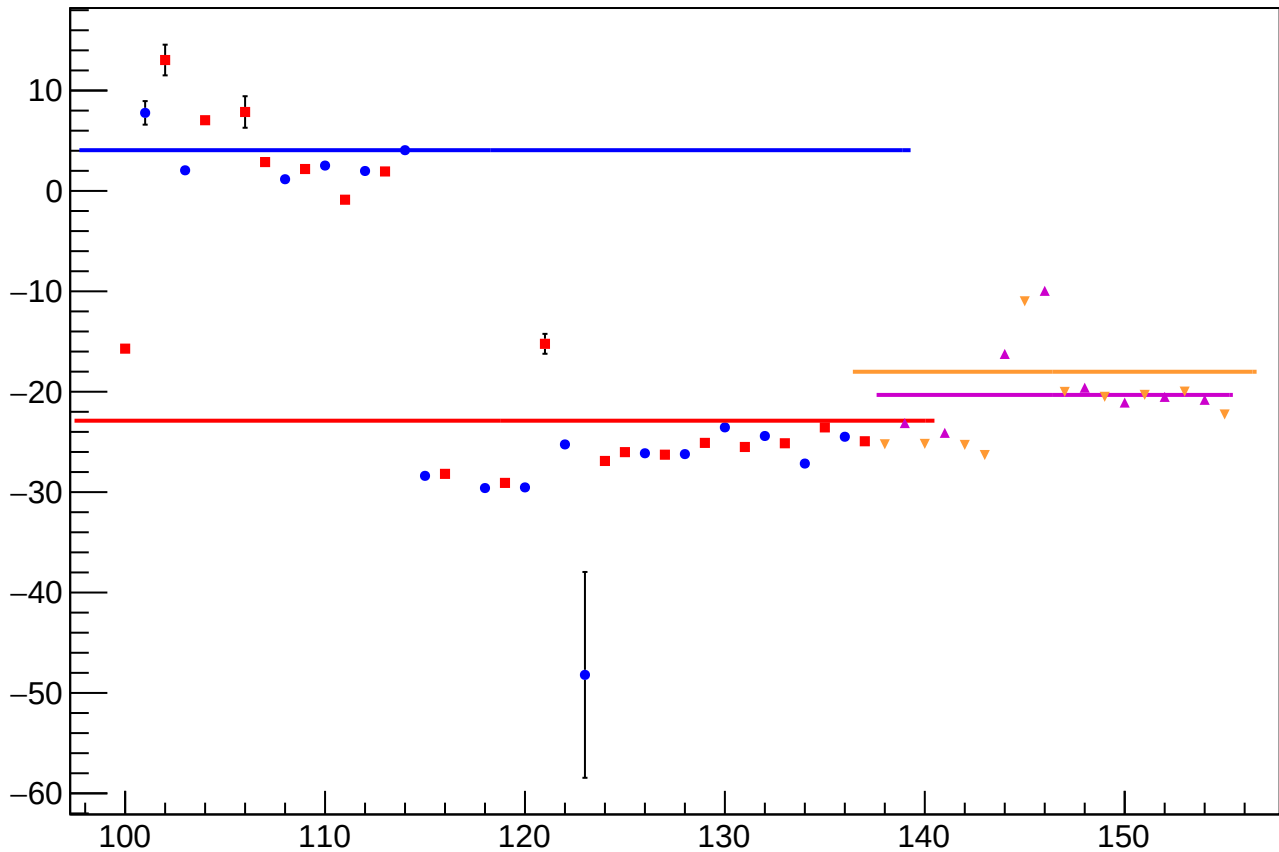
Right: 0.888 $\pm$ 0.000 χ^2 /NDF: 422220530.0/35

In: 0.888 $\pm$ 0.000 χ^2 /NDF:14592.4/24

Out: -0.226 $\pm$ 0.000 χ^2 /NDF:45786.6/28

All: 0.888 $\pm$ 0.000 χ^2 /NDF: 422233586.1/53

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -18.010+/-0.020 χ^2/NDF : 74213.2/9

Right Out: -22.885+/-0.026 χ^2/NDF : 116508.9/18

Left In: -20.317+/-0.019 χ^2/NDF : 18174.2/7

Left: -19.225+/-0.014 χ^2/NDF : 99168.6/17

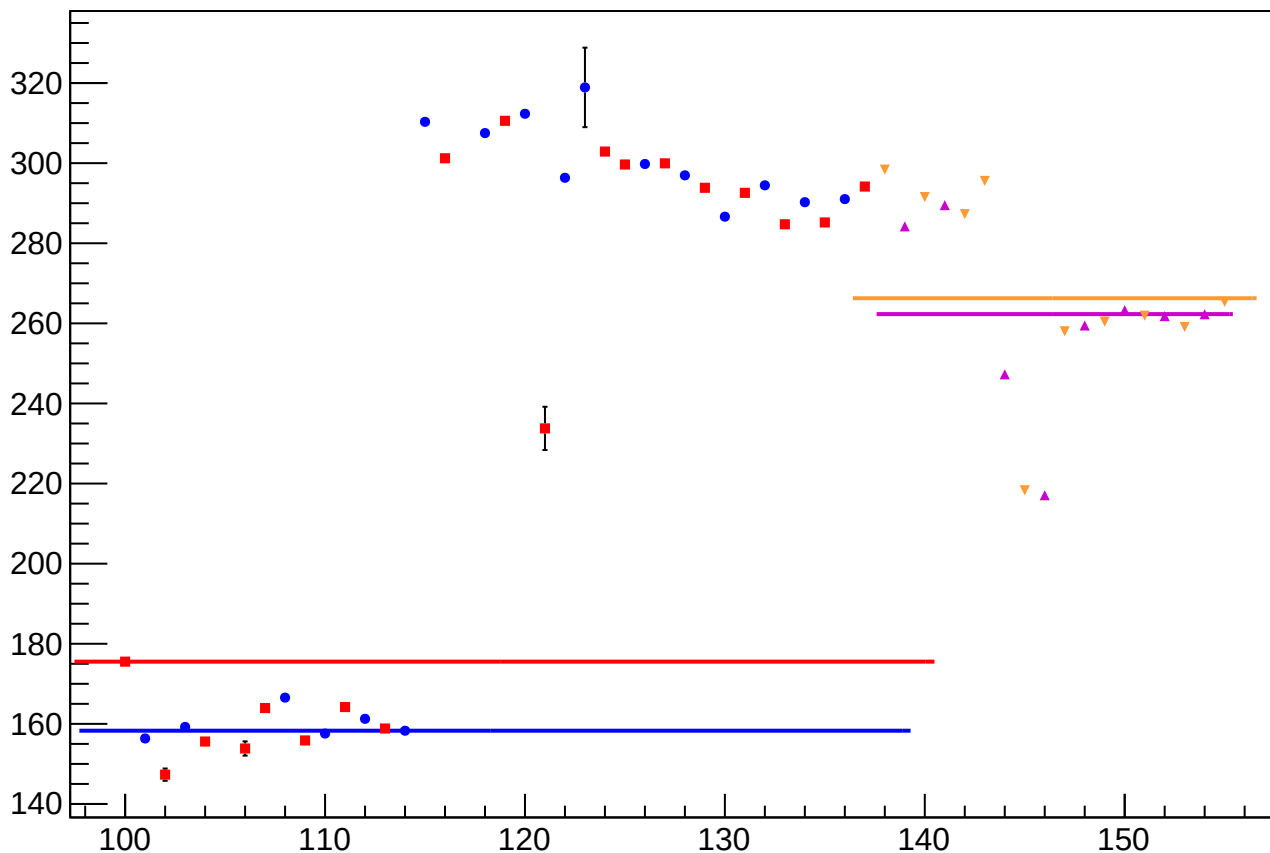
Right: 4.057+/-0.000 χ^2/NDF : 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF : 2864322.2/24

Out: -19.832+/-0.016 χ^2/NDF : 212206.5/28

All: 4.057+/-0.000 χ^2/NDF : 5280466.0/53

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 266.269 $\pm$ 0.047 χ^2 /NDF:179972.5/9

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

Left In: 262.309 $\pm$ 0.041 χ^2 /NDF:36875.6/7

Left: 264.056 $\pm$ 0.031 χ^2 /NDF: 220895.2/17

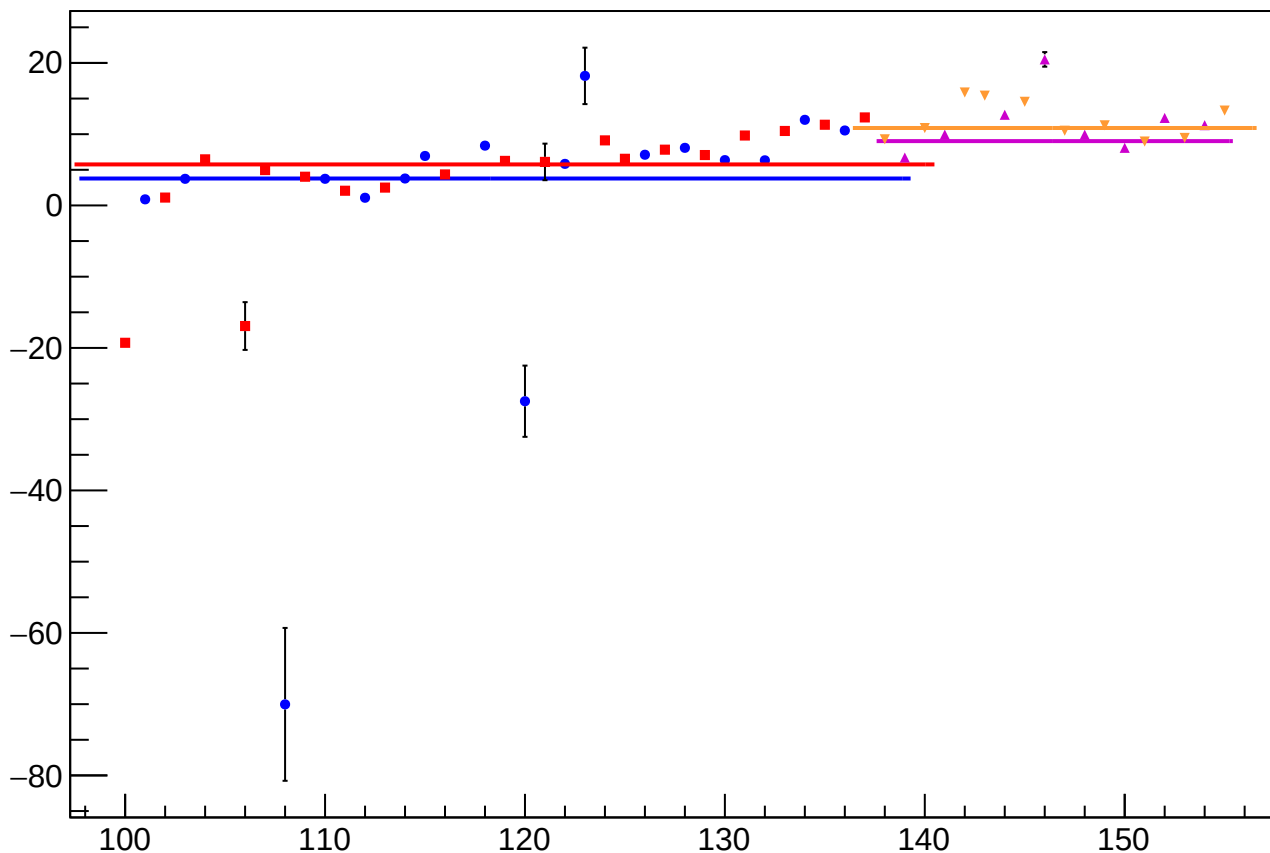
Right: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225928

In: 158.293 $\pm$ 0.000 χ^2 /NDF:8779504.2/24

Out: 175.536 $\pm$ 0.000 χ^2 /NDF:6080327.3/28

All: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.868 ± 0.041 χ^2/NDF : 1543.0/9

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

Left In: 9.027 ± 0.041 χ^2/NDF : 2181.7/7

Left: 9.967 ± 0.029 χ^2/NDF : 4736.5/17

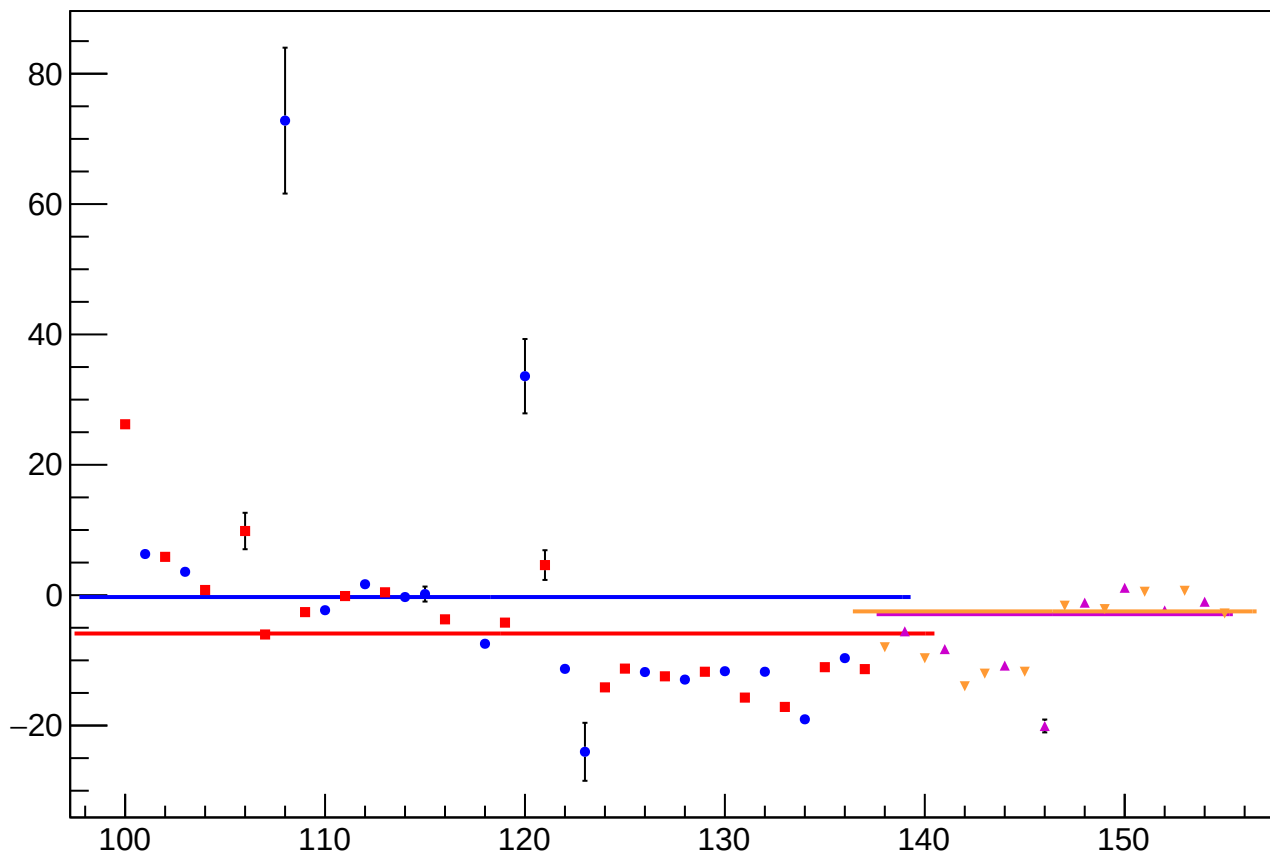
Right: 3.778 ± 0.000 χ^2/NDF : 35056.1/35

In: 3.778 ± 0.000 χ^2/NDF : 25176.6/24

Out: 7.228 ± 0.022 χ^2/NDF : 35178.8/28

All: 3.778 ± 0.000 χ^2/NDF : 85544.3/53

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287 ± 0.000 $\chi^2/\text{NDF}: 44276.5/16$

Left Out: -2.488 ± 0.040 $\chi^2/\text{NDF}: 7825.9/9$

Right Out: -5.882 ± 0.027 $\chi^2/\text{NDF}: 63493.9/18$

Left In: -2.916 ± 0.042 $\chi^2/\text{NDF}: 9486.4/7$

Left: -2.692 ± 0.029 $\chi^2/\text{NDF}: 17366.6/17$

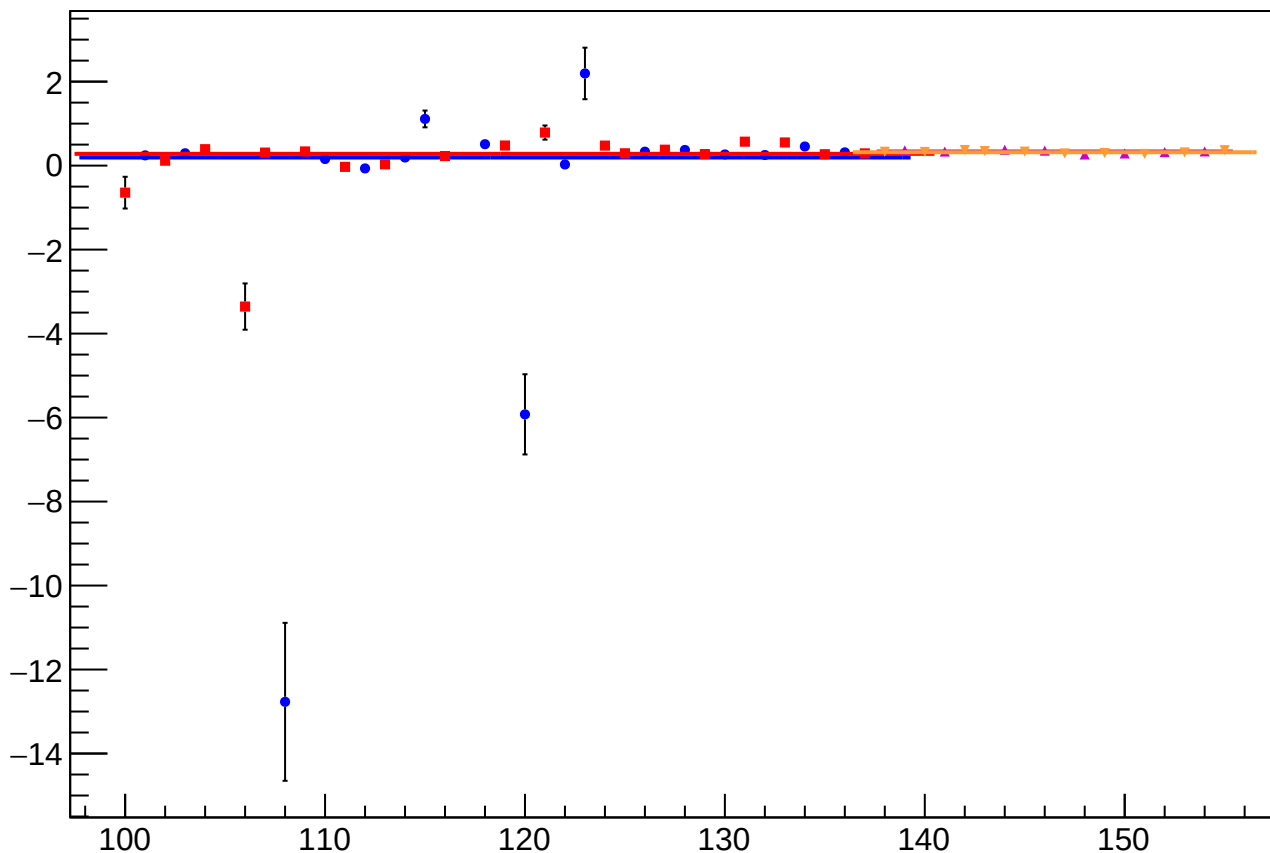
Right: -0.287 ± 0.000 $\chi^2/\text{NDF}: 150060.6/35$

In: -0.287 ± 0.000 $\chi^2/\text{NDF}: 57688.8/24$

Out: -4.810 ± 0.023 $\chi^2/\text{NDF}: 76236.3/28$

All: -0.287 ± 0.000 $\chi^2/\text{NDF}: 174323.1/53$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.318+/-0.001 χ^2/NDF :1092.3/9

Right Out: 0.280+/-0.001 χ^2/NDF : 6059.0/18

Left In: 0.336+/-0.001 χ^2/NDF :2123.9/7

Left: 0.327+/-0.001 χ^2/NDF : 3470.9/17

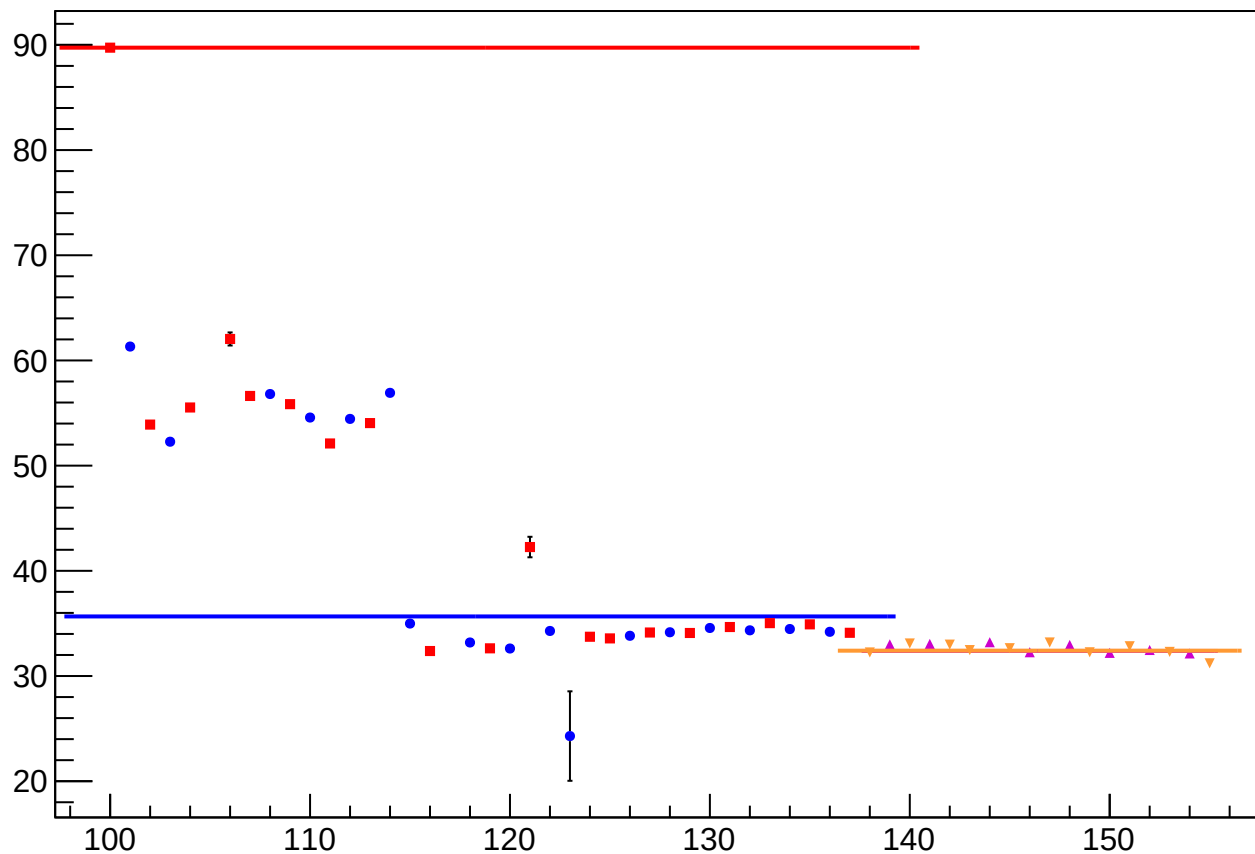
Right: 0.193+/-0.000 χ^2/NDF : 19578.7/35

In: 0.193+/-0.000 χ^2/NDF :43168.4/24

Out: 0.310+/-0.001 χ^2/NDF :7669.2/28

All: 0.193+/-0.000 χ^2/NDF : 80665.3/53

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF : 218662.5/16

Left Out: 32.409+/-0.006 χ^2/NDF :2171.6/9

Right Out: 89.735+/-0.000 χ^2/NDF : 25801560.6/18

Left In: 32.381+/-0.006 χ^2/NDF :3370.3/7

Left: 32.394 ± 0.004 χ^2/NDF : 5552.7/17

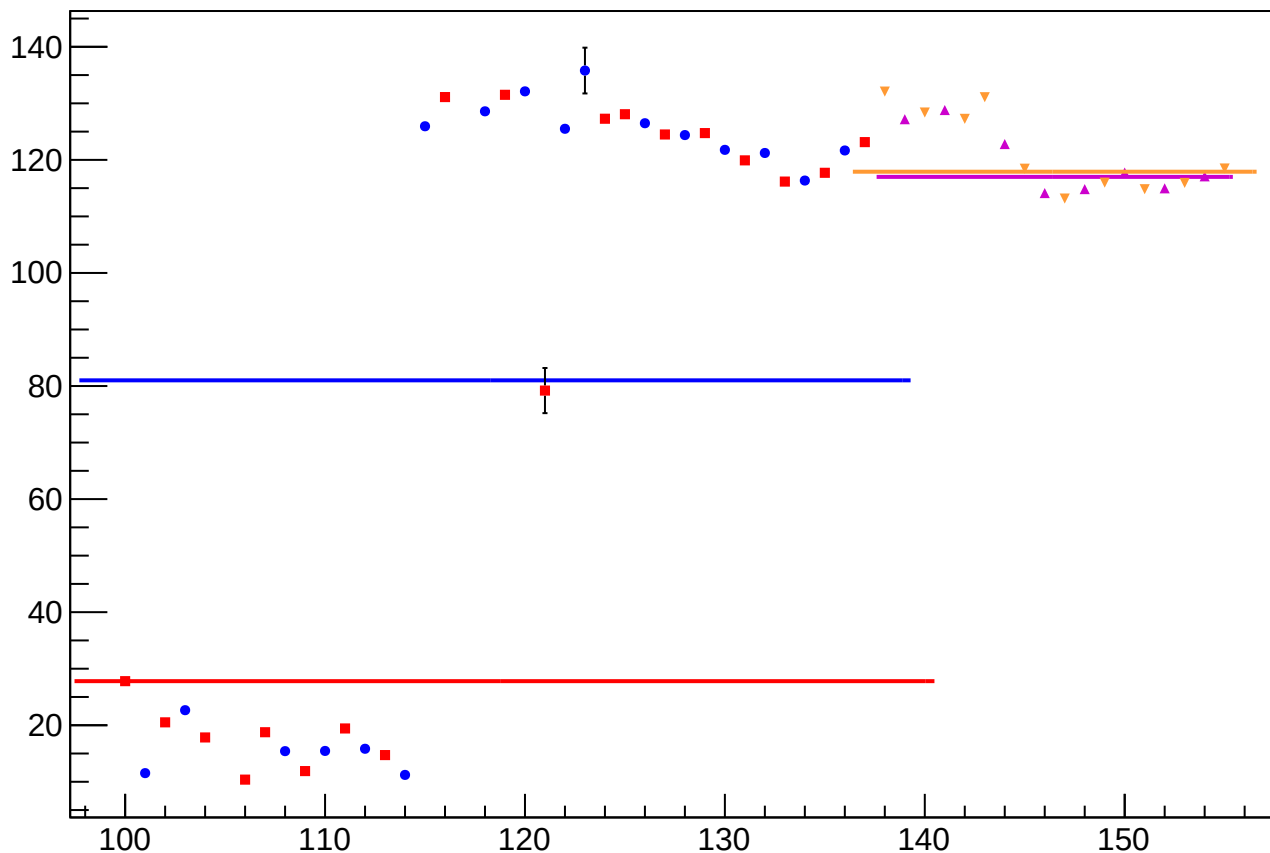
Right: 89.735+/-0.000 χ^2/NDF : 48650023.7/35

In: 33.031+/-0.005 χ^2/NDF :288927.4/24

Out: 89.735+/-0.000 χ^2/NDF :114268714.9/28

All: 89.735+/-0.000 χ^2/NDF : 240271086.3/53

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 117.909 $\pm$ 0.014 χ^2 /NDF:127515.2/9

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

Left In: 116.993 $\pm$ 0.012 χ^2 /NDF:37691.2/7

Left: 117.371 $\pm$ 0.009 χ^2 /NDF: 167686.5/17

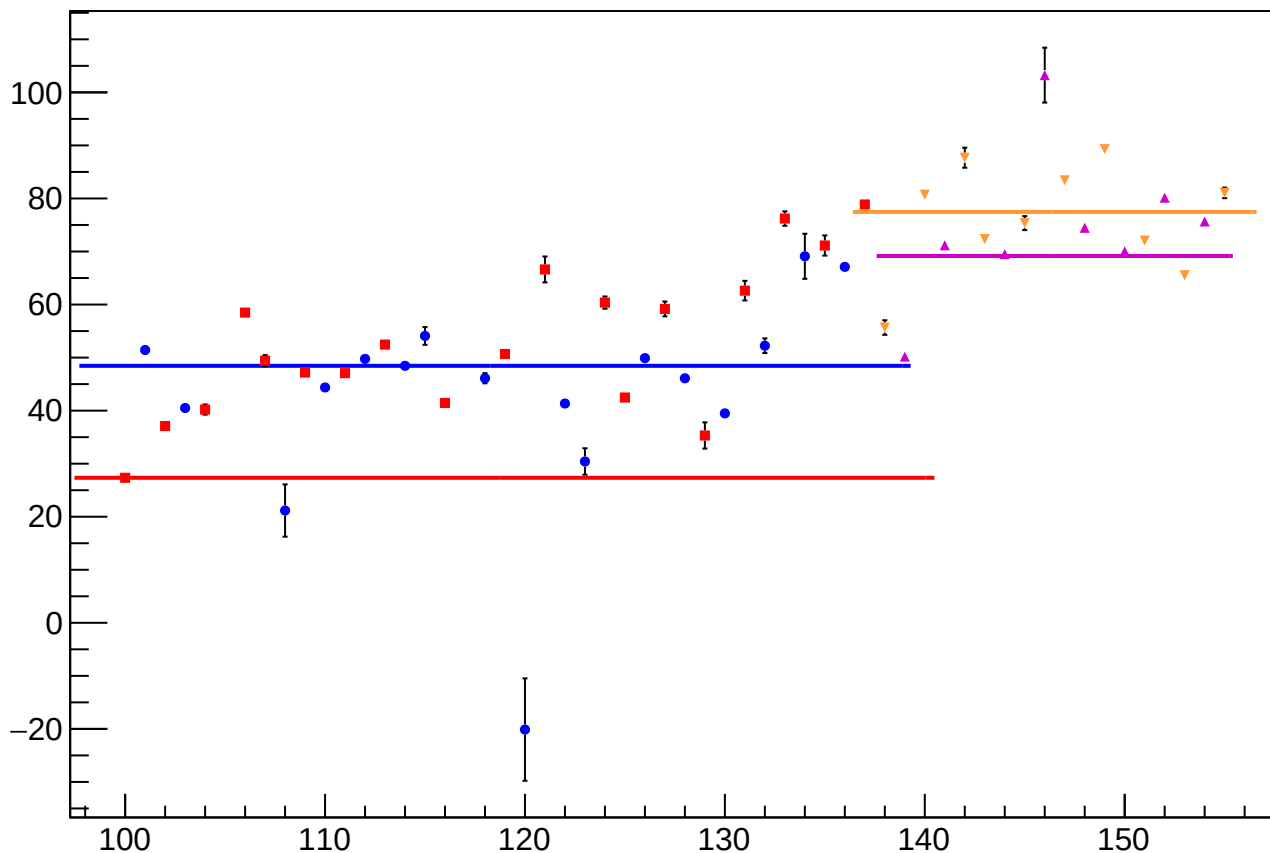
Right: 27.798 $\pm$ 0.000 χ^2 /NDF: 13786729.0/35

In: 113.230 $\pm$ 0.011 χ^2 /NDF:3239124.4/24

Out: 27.798 $\pm$ 0.000 χ^2 /NDF:50197936.2/28

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 111974856.7/53

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 77.463+/-0.262 χ^2/NDF :1013.3/9

Right Out: 27.342+/-0.000 χ^2/NDF : 25810.4/18

Left In: 69.153+/-0.208 χ^2/NDF :1985.6/7

Left: 72.379+/-0.163 χ^2/NDF : 3615.8/17

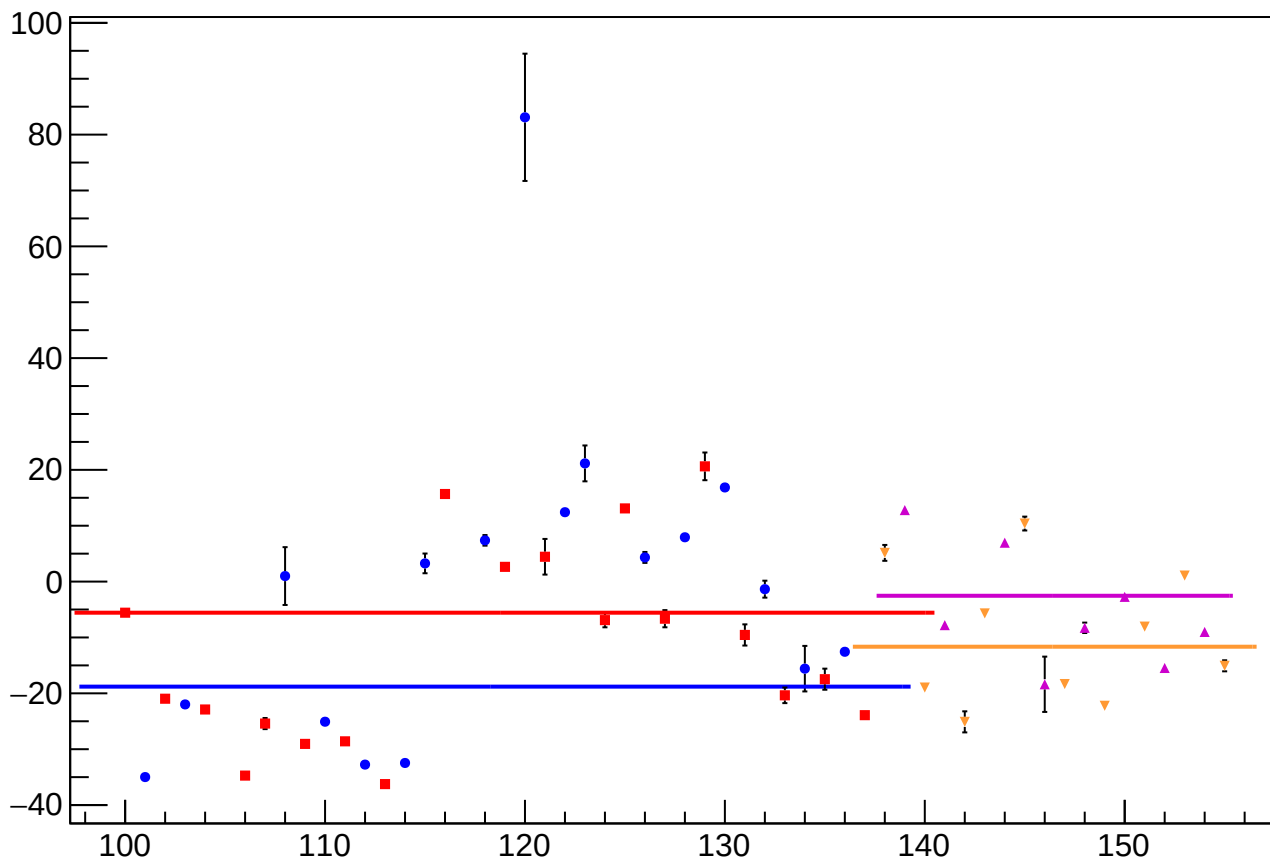
Right: 28.365+/-0.000 χ^2/NDF : 1026290104888328

In: 48.450+/-0.000 χ^2/NDF :14601.8/24

Out: 27.342+/-0.000 χ^2/NDF :63509.4/28

All: 28.365+/-0.000 χ^2/NDF : 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: -11.656 ± 0.258 $\chi^2/\text{NDF}: 1291.3/9$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

Left In: -2.538 ± 0.205 $\chi^2/\text{NDF}: 1917.0/7$

Left: -6.064 ± 0.160 $\chi^2/\text{NDF}: 3974.0/17$

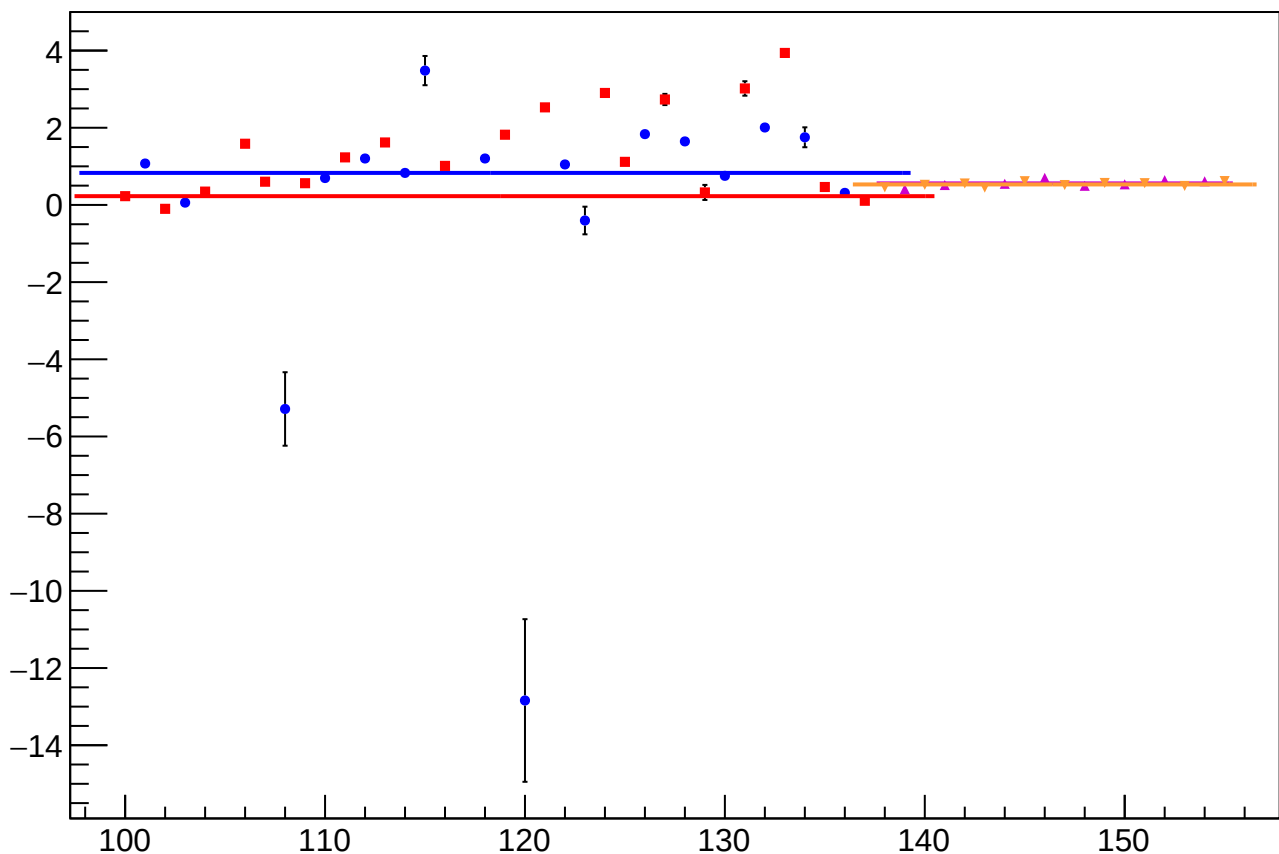
Right: -5.568 ± 0.000 $\chi^2/\text{NDF}: 42808.5/35$

In: -13.204 ± 0.120 $\chi^2/\text{NDF}: 17812.1/24$

Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 24945.2/28$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 46792.1/53$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF : 14882.7/16

Left Out: 0.531+/-0.002 χ^2/NDF :930.2/9

Right Out: 0.227+/-0.000 χ^2/NDF : 11819.9/18

Left In: 0.559+/-0.002 χ^2/NDF :1858.4/7

Left: 0.545+/-0.001 χ^2/NDF : 2927.4/17

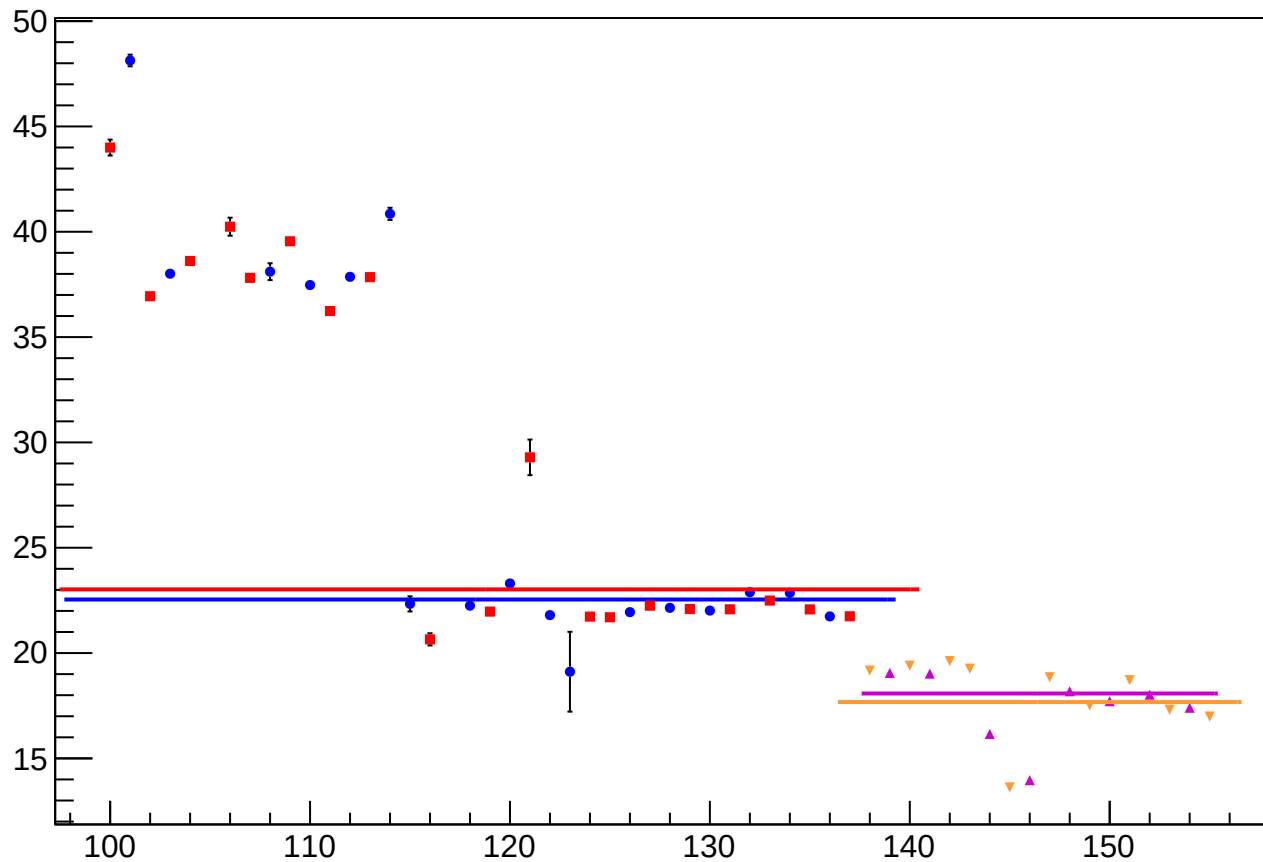
Right: 0.289+/-0.000 χ^2/NDF : 29066082561457147

In: 0.830+/-0.000 χ^2/NDF :44895.3/24

Out: 0.227+/-0.000 χ^2/NDF :45120.6/28

All: 0.289+/-0.000 χ^2/NDF : 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543 ± 0.009 $\chi^2/\text{NDF}: 105452.8/16$

Left Out: 17.674 ± 0.008 $\chi^2/\text{NDF}: 69188.2/9$

Right Out: 23.023 ± 0.009 $\chi^2/\text{NDF}: 165838.0/18$

Left In: 18.080 ± 0.010 $\chi^2/\text{NDF}: 9809.8/7$

Left: 17.845 ± 0.006 $\chi^2/\text{NDF}: 80012.1/17$

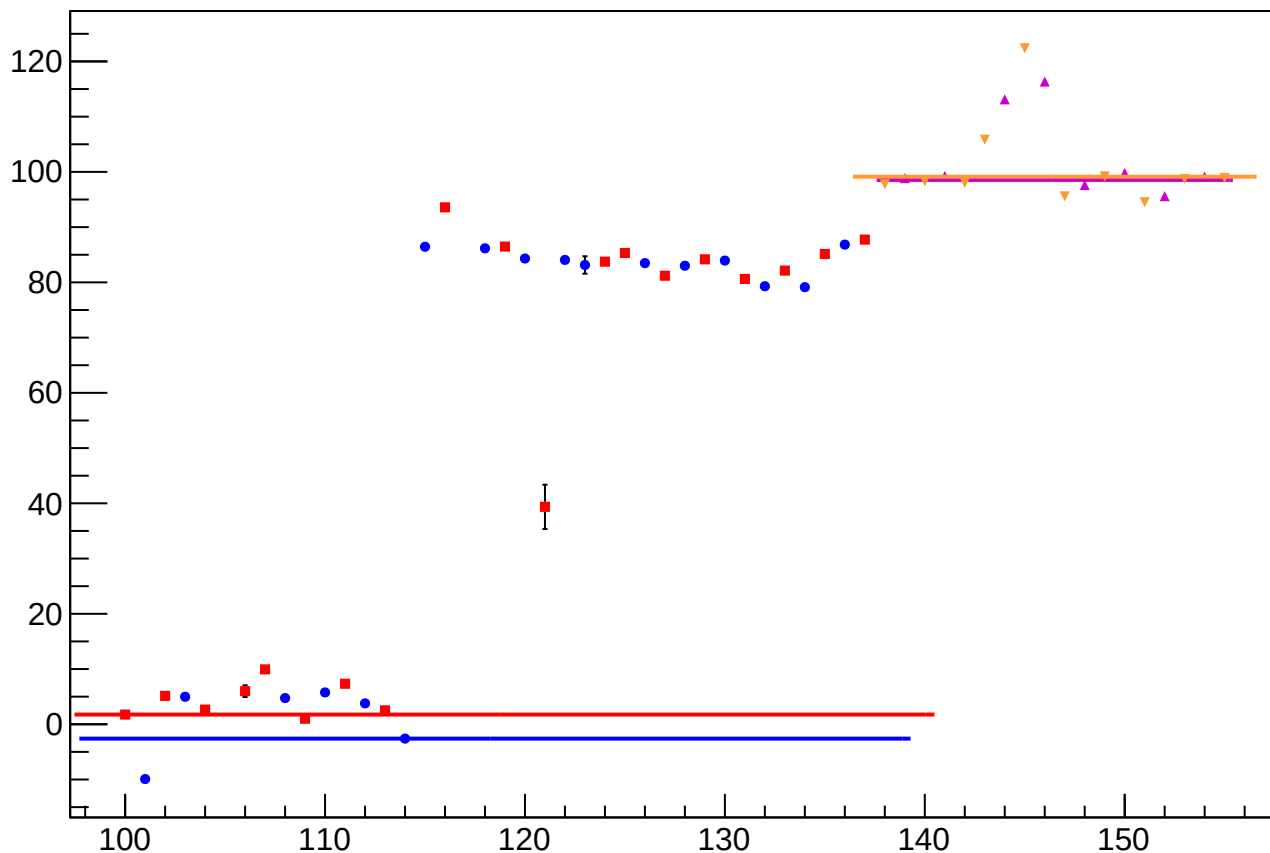
Right: 22.790 ± 0.006 $\chi^2/\text{NDF}: 272655.1/35$

In: 20.404 ± 0.007 $\chi^2/\text{NDF}: 225394.7/24$

Out: 20.102 ± 0.006 $\chi^2/\text{NDF}: 425924.6/28$

All: 20.238 ± 0.005 $\chi^2/\text{NDF}: 652430.0/53$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.128+/-0.015 χ^2/NDF : 67765.1/9

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

Left In: 98.544+/-0.015 χ^2/NDF : 16113.9/7

Left: 98.831+/-0.011 χ^2/NDF : 84625.3/17

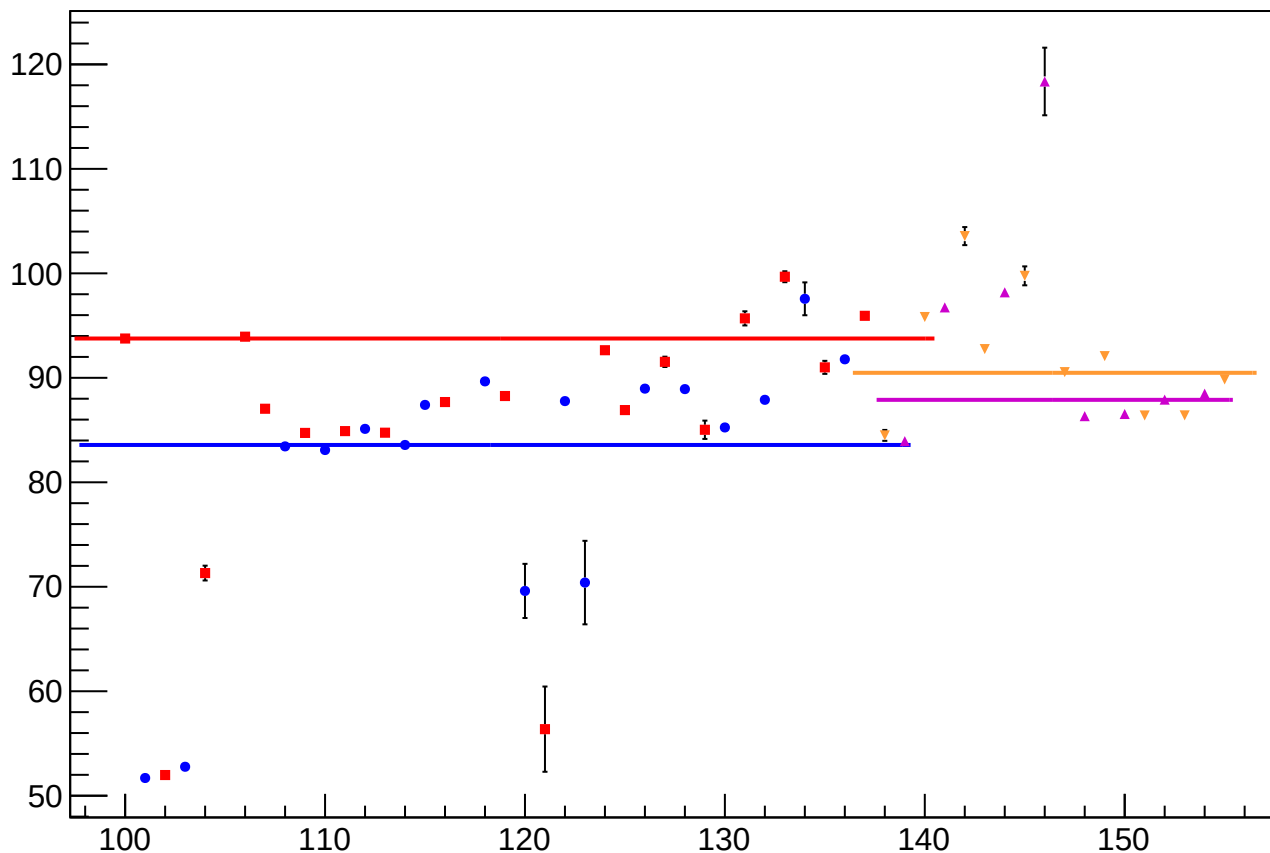
Right: -1.059+/-0.000 χ^2/NDF : 3731791751577379

In: -2.596+/-0.000 χ^2/NDF : 52987839.8/24

Out: 1.758+/-0.000 χ^2/NDF : 45020681.3/28

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573 ± 0.000 $\chi^2/\text{NDF}: 49468.0/16$

Left Out: 90.479 ± 0.104 $\chi^2/\text{NDF}: 1359.1/9$

Right Out: 93.762 ± 0.000 $\chi^2/\text{NDF}: 82848.8/18$

Left In: 87.892 ± 0.080 $\chi^2/\text{NDF}: 2264.9/7$

Left: 88.862 ± 0.063 $\chi^2/\text{NDF}: 4013.5/17$

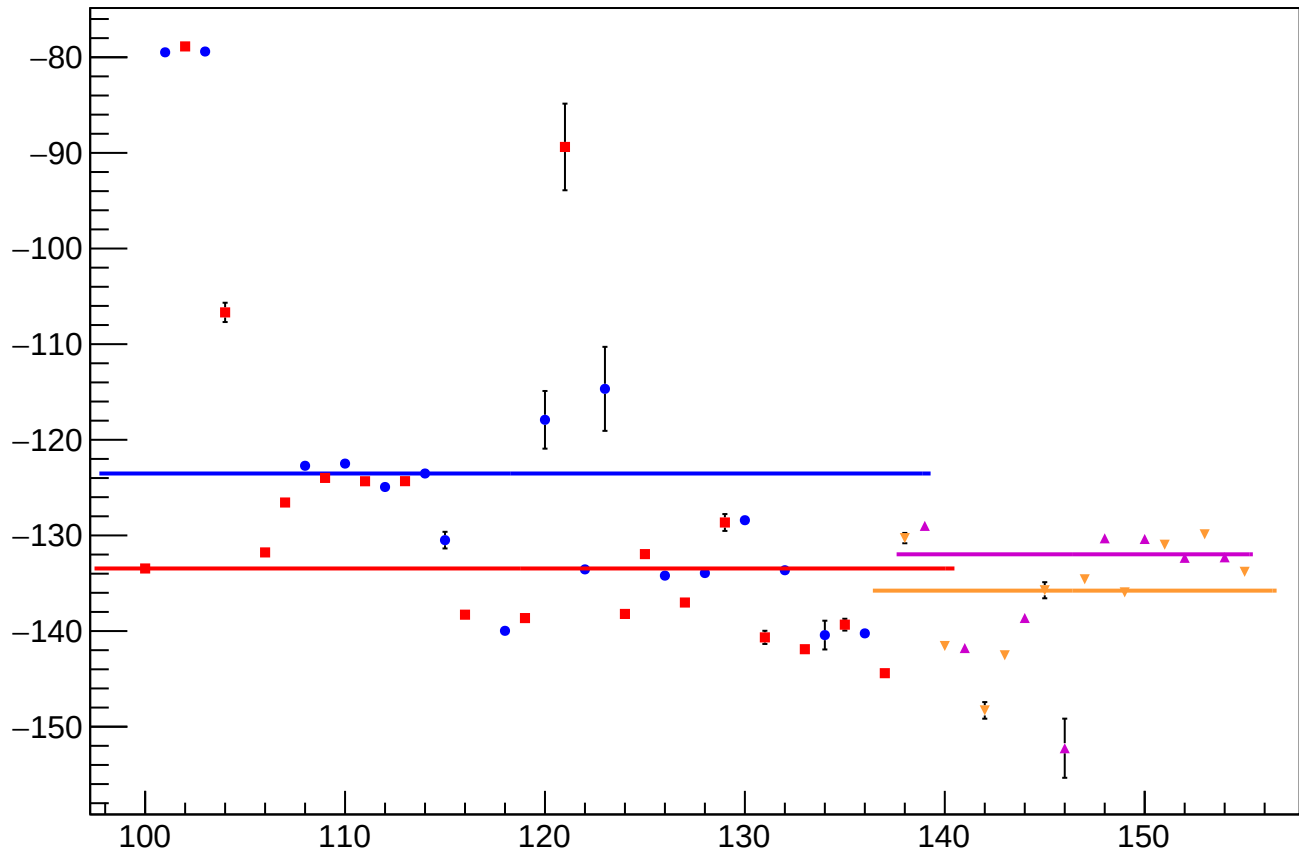
Right: 87.169 ± 0.000 $\chi^2/\text{NDF}: 1995684404141260$

In: 83.573 ± 0.000 $\chi^2/\text{NDF}: 54629.0/24$

Out: 93.762 ± 0.000 $\chi^2/\text{NDF}: 85211.2/28$

All: 87.169 ± 0.000 $\chi^2/\text{NDF}: 1995684404141$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF : 160356.5/16

Left Out: -135.773+/-0.103 χ^2/NDF :2241.2/9

Right Out: -133.456+/-0.000 χ^2/NDF : 394896.3/18

Left In: -131.974+/-0.078 χ^2/NDF :1902.2/7

Left: -133.359+/-0.062 χ^2/NDF : 5004.0/17

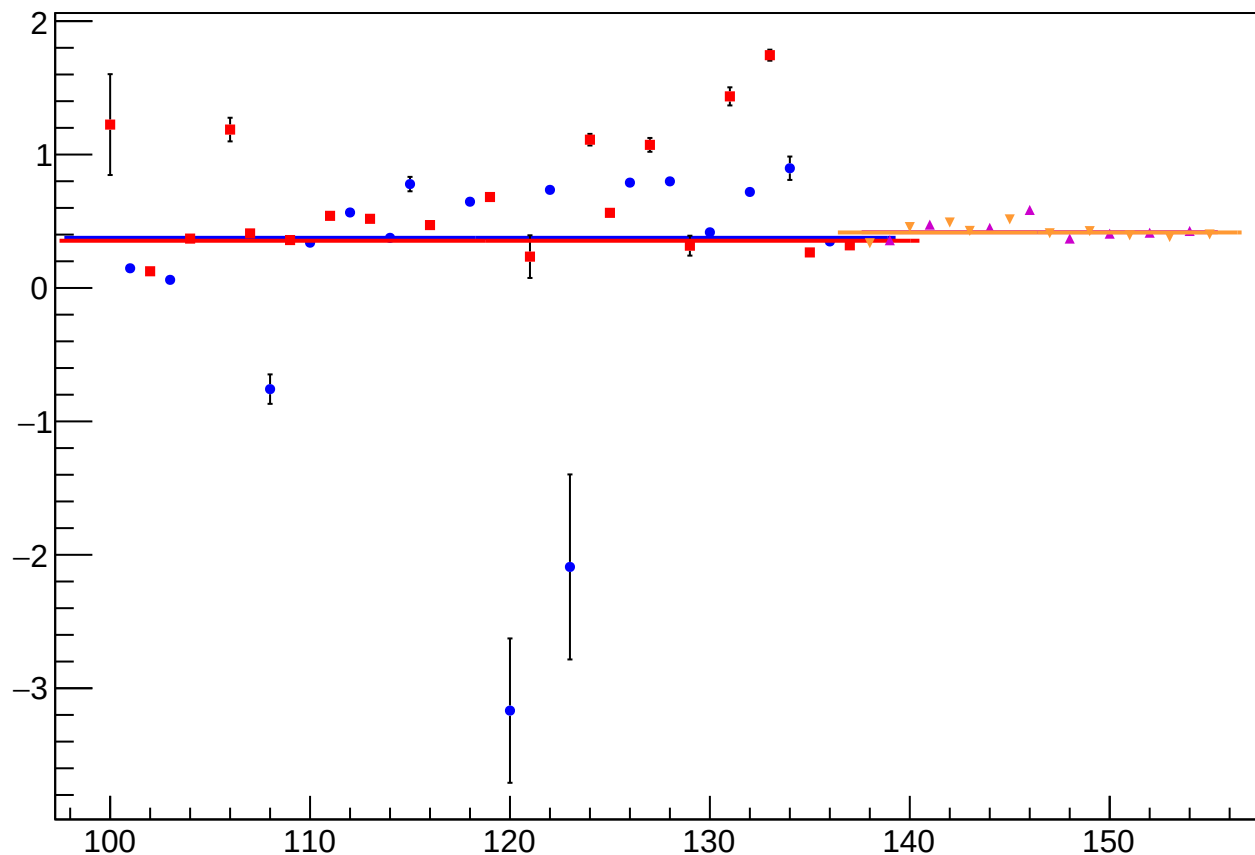
Right: -124.716+/-0.000 χ^2/NDF : 64467869901657

In: -123.524+/-0.000 χ^2/NDF :173935.6/24

Out: -133.456+/-0.000 χ^2/NDF :397641.4/28

All: -124.716+/-0.000 χ^2/NDF : 64467869901

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.416 $\pm$ 0.001 χ^2 /NDF:1010.8/9

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

Left In: 0.418 $\pm$ 0.001 χ^2 /NDF:2953.6/7

Left: 0.417 $\pm$ 0.000 χ^2 /NDF: 3970.1/17

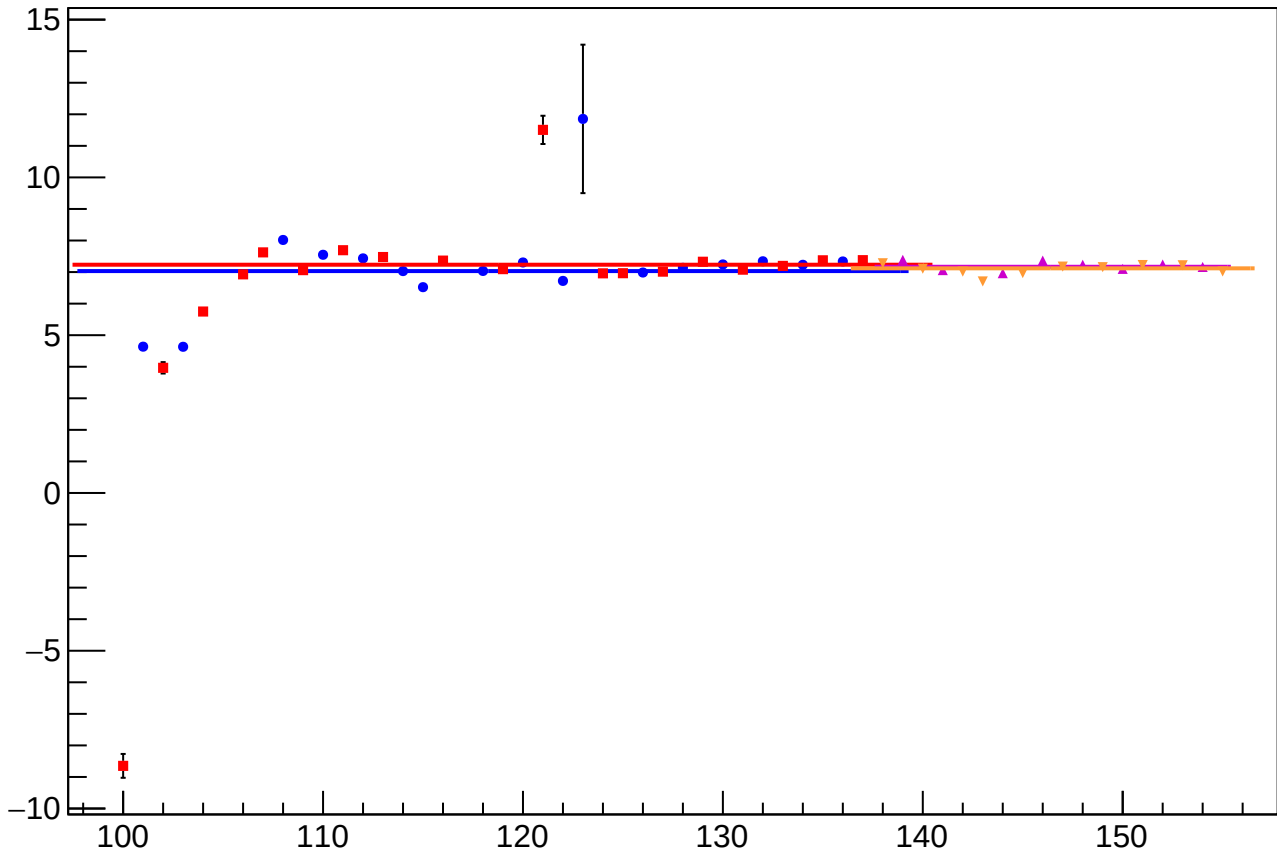
Right: 0.376 $\pm$ 0.000 χ^2 /NDF: 8762.1/35

In: 0.376 $\pm$ 0.000 χ^2 /NDF:11583.0/24

Out: 0.403 $\pm$ 0.001 χ^2 /NDF:6932.6/28

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 20032.3/53

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 ± 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.118 ± 0.001 χ^2/NDF : 14213.6/9

Right Out: 7.233 ± 0.002 χ^2/NDF : 10061.8/18

Left In: 7.168 ± 0.001 χ^2/NDF : 7316.4/7

Left: 7.144 ± 0.001 χ^2/NDF : 22236.5/17

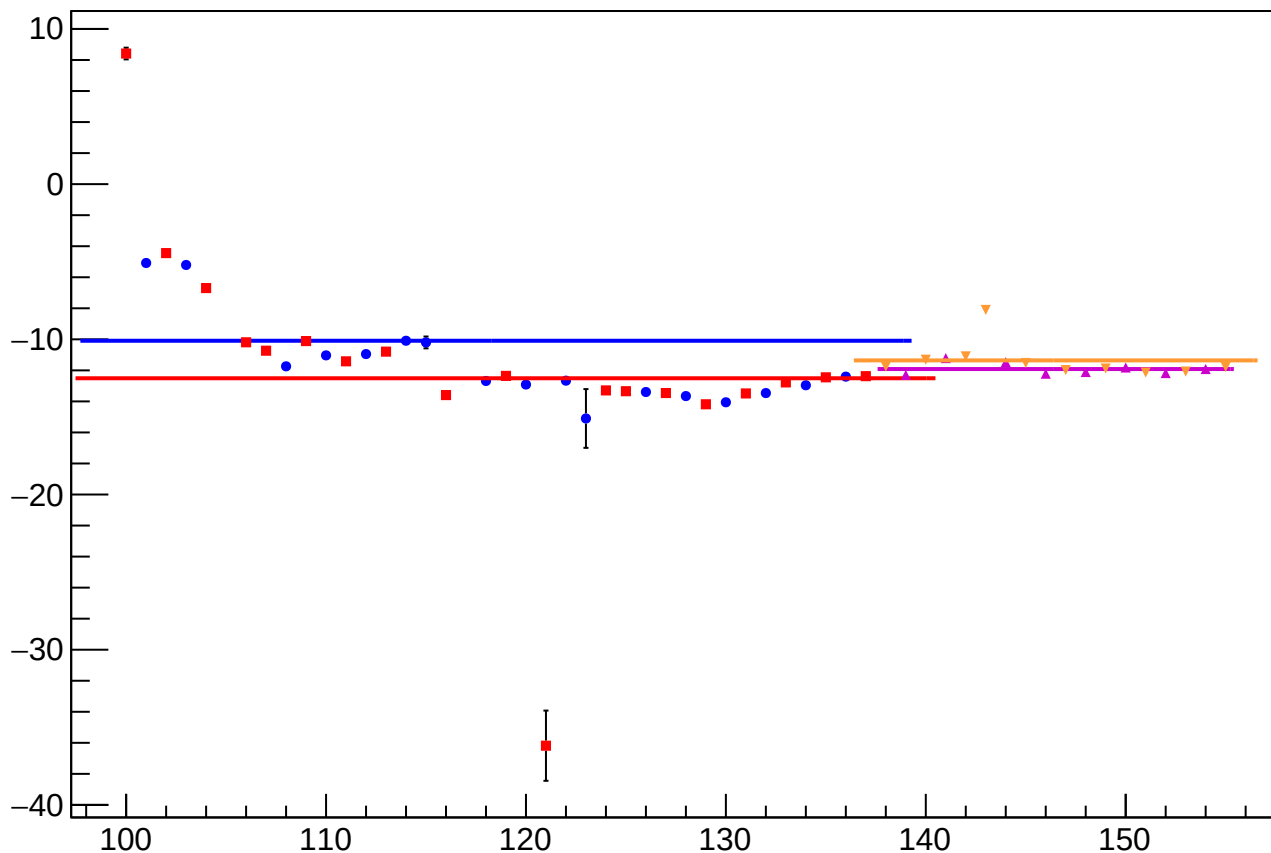
Right: 7.032 ± 0.000 χ^2/NDF : 36990.7/35

In: 7.032 ± 0.000 χ^2/NDF : 38095.7/24

Out: 7.146 ± 0.001 χ^2/NDF : 26033.7/28

All: 7.032 ± 0.000 χ^2/NDF : 73716.9/53

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 $\pm$ 0.000 χ^2 /NDF: 543504.2/16

Left Out: -11.357 $\pm$ 0.002 χ^2 /NDF: 357523.1/9

Right Out: -12.509 $\pm$ 0.004 χ^2 /NDF: 103509.4/18

Left In: -11.915 $\pm$ 0.003 χ^2 /NDF: 9564.8/7

Left: -11.584 $\pm$ 0.002 χ^2 /NDF: 389294.0/17

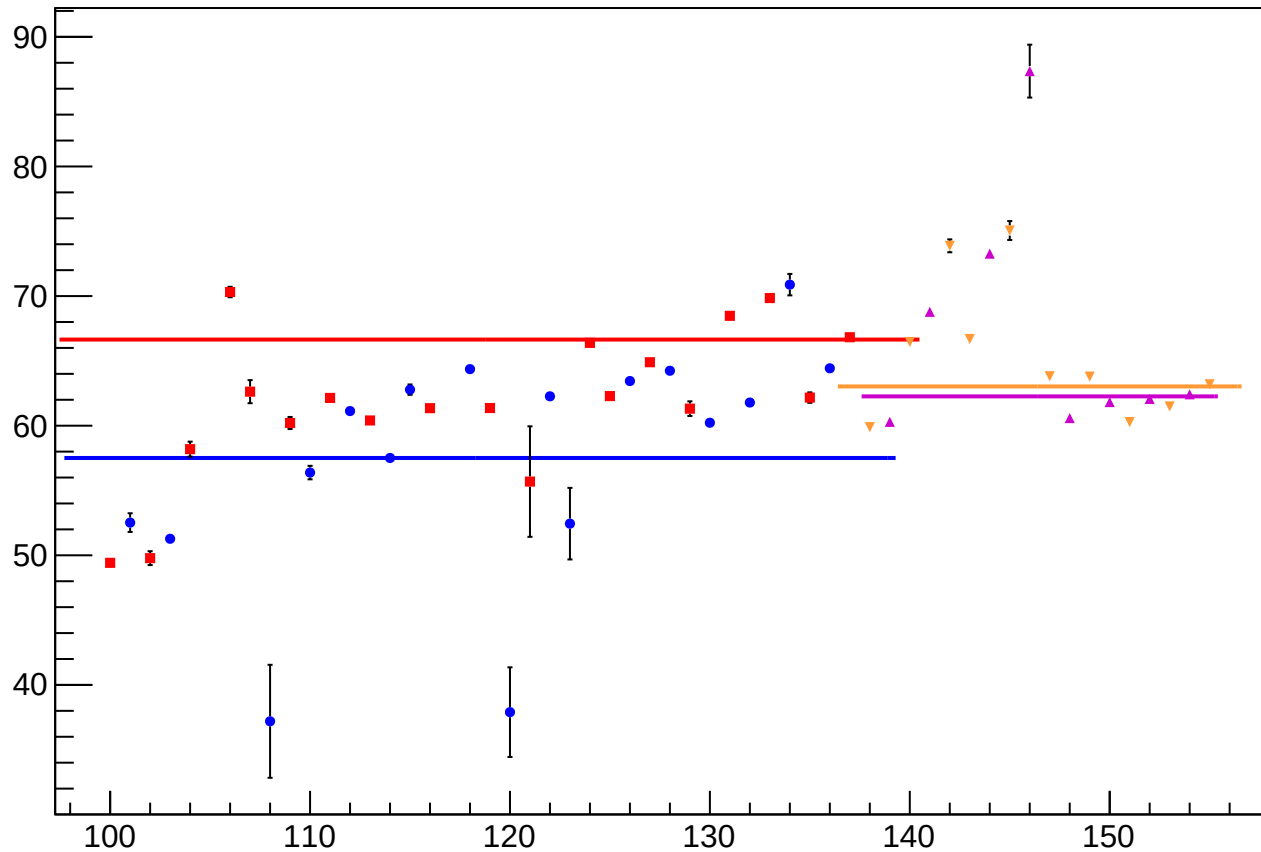
Right: -10.092 $\pm$ 0.000 χ^2 /NDF: 1062248.5/35

In: -10.092 $\pm$ 0.000 χ^2 /NDF: 953375.0/24

Out: -11.689 $\pm$ 0.002 χ^2 /NDF: 528134.8/28

All: -10.092 $\pm$ 0.000 χ^2 /NDF: 2110265.4/53

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 63.030 $\pm$ 0.061 χ^2 /NDF:2293.9/9

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

Left In: 62.262 $\pm$ 0.049 χ^2 /NDF:2553.8/7

Left: 62.567 $\pm$ 0.038 χ^2 /NDF: 4944.0/17

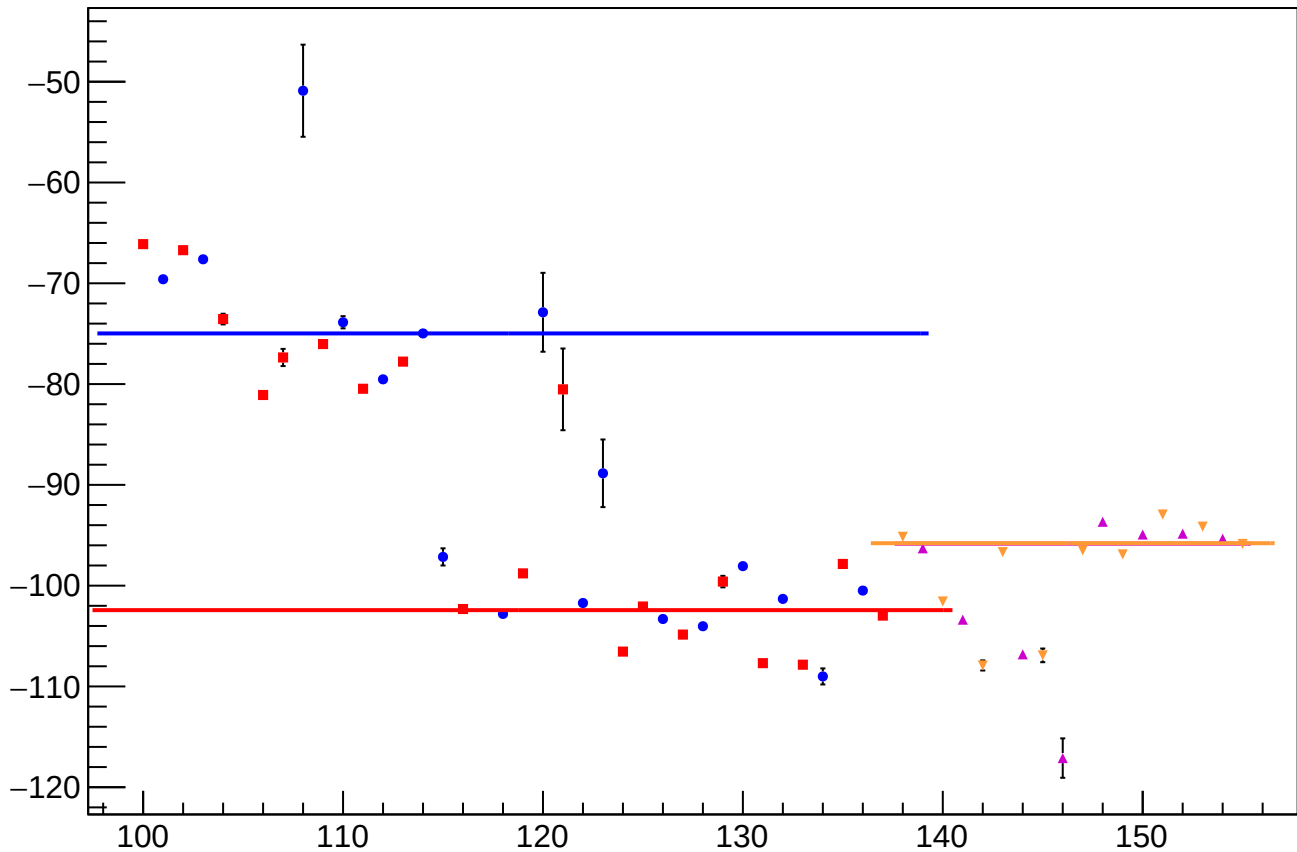
Right: 57.510 $\pm$ 0.000 χ^2 /NDF: 504438.3/35

In: 57.510 $\pm$ 0.000 χ^2 /NDF:19958.4/24

Out: 66.485 $\pm$ 0.013 χ^2 /NDF:13842.8/28

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 526839.4/53

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF : 130544.0/16

Left Out: -95.789+/-0.061 χ^2/NDF : 2298.6/9

Right Out: -102.430+/-0.018 χ^2/NDF : 50377.5/18

Left In: -95.834+/-0.050 χ^2/NDF : 2908.3/7

Left: -95.816+/-0.039 χ^2/NDF : 5207.2/17

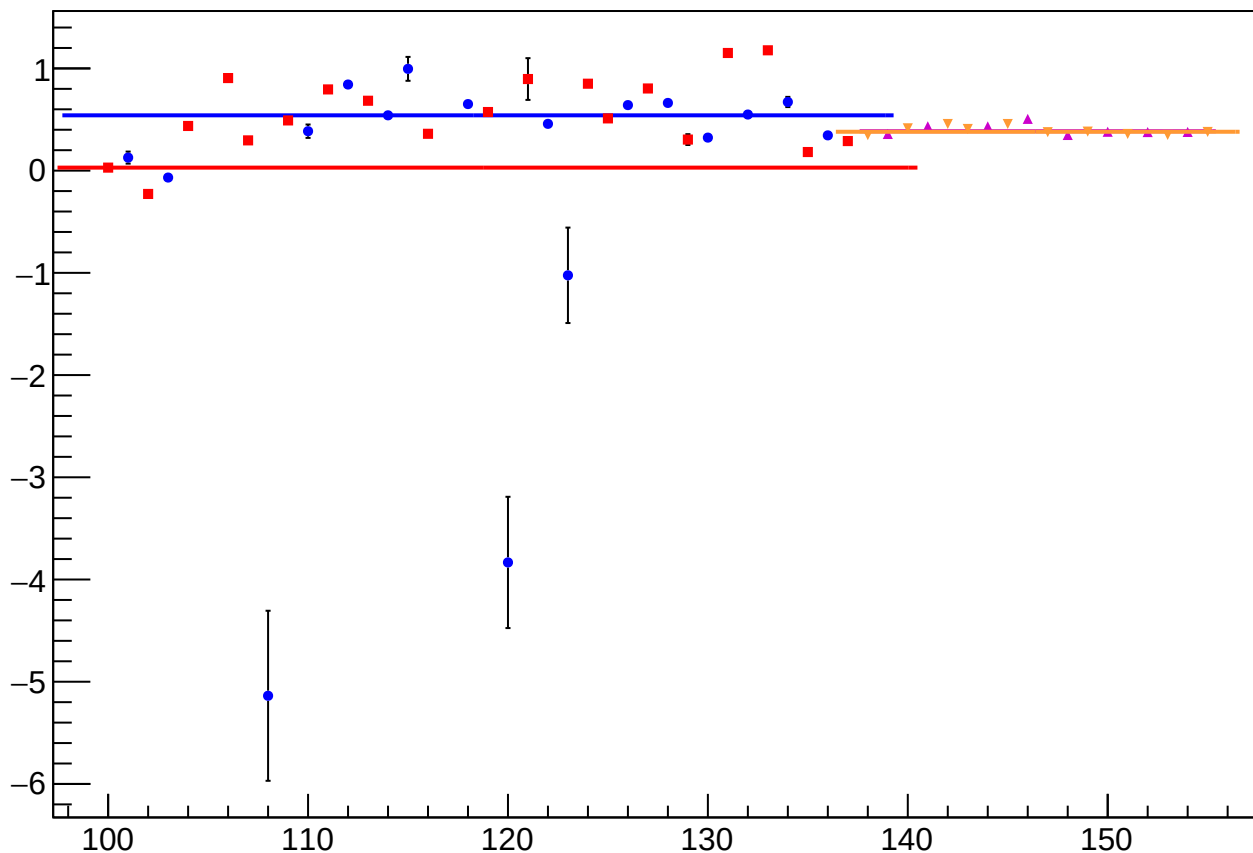
Right: -74.974+/-0.000 χ^2/NDF : 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF : 306893.8/24

Out: -101.915+/-0.017 χ^2/NDF : 63457.1/28

All: -74.974+/-0.000 χ^2/NDF : 2849970.9/53

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.380 $\pm$ 0.001 χ^2 /NDF:1313.4/9

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

Left In: 0.386 $\pm$ 0.000 χ^2 /NDF:2489.9/7

Left: 0.384 $\pm$ 0.000 χ^2 /NDF: 3854.8/17

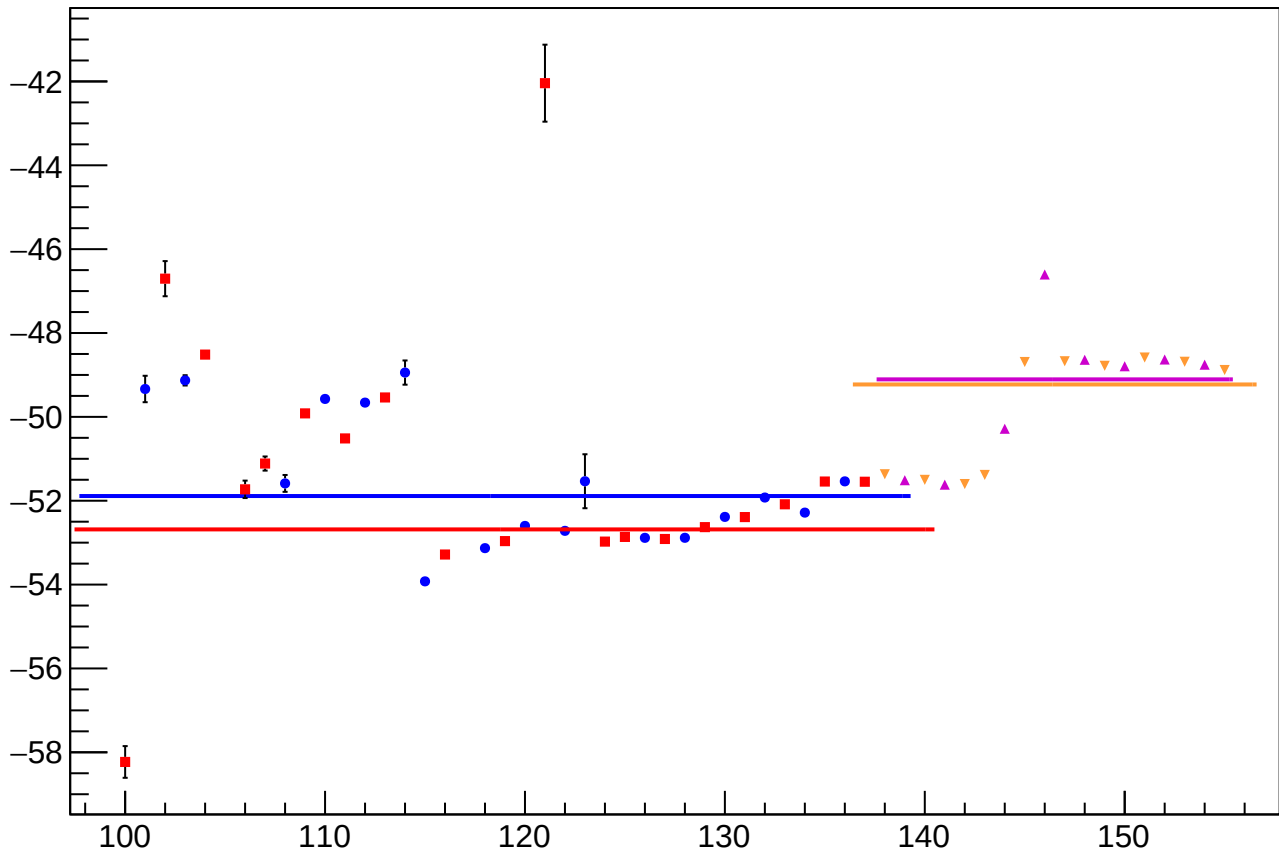
Right: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

In: 0.541 $\pm$ 0.000 χ^2 /NDF:145604.8/24

Out: 0.030 $\pm$ 0.000 χ^2 /NDF:476077.6/28

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -49.227 $\pm$ 0.002 χ^2 /NDF: 313764.5/9

Right Out: -52.684 $\pm$ 0.003 χ^2 /NDF: 56125.8/18

Left In: -49.106 $\pm$ 0.001 χ^2 /NDF: 485831.0/7

Left: -49.150 $\pm$ 0.001 χ^2 /NDF: 802161.6/17

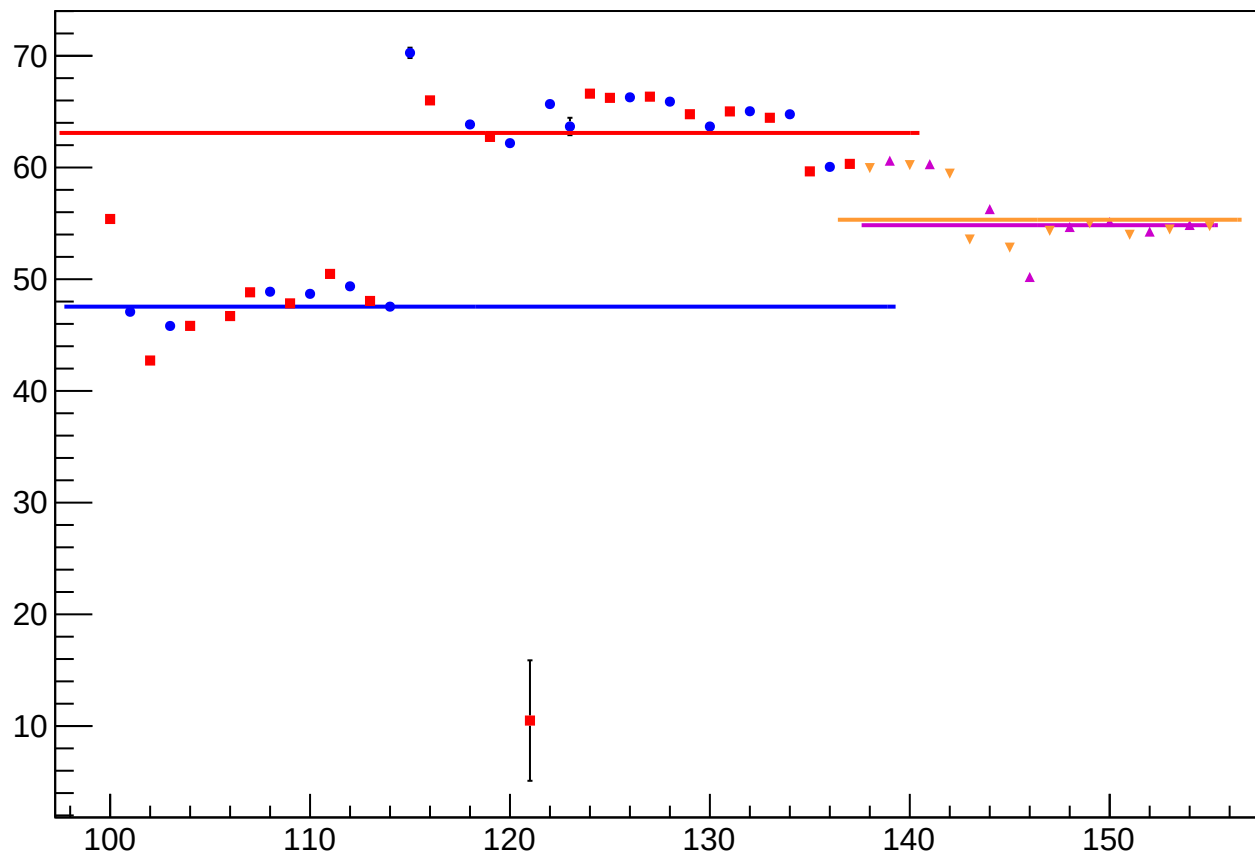
Right: -52.231 $\pm$ 0.002 χ^2 /NDF: 188721.6/35

In: -49.939 $\pm$ 0.001 χ^2 /NDF: 1655910.3/24

Out: -50.460 $\pm$ 0.002 χ^2 /NDF: 1543428.3/28

All: -50.141 $\pm$ 0.001 χ^2 /NDF: 3270349.0/53

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Left Out: 55.325+/-0.004 χ^2/NDF : 220660.7/9

Right Out: 63.095+/-0.007 χ^2/NDF : 333637.2/18

Left In: 54.836+/-0.003 χ^2/NDF : 74274.4/7

Left: 55.019+/-0.003 χ^2/NDF : 302637.8/17

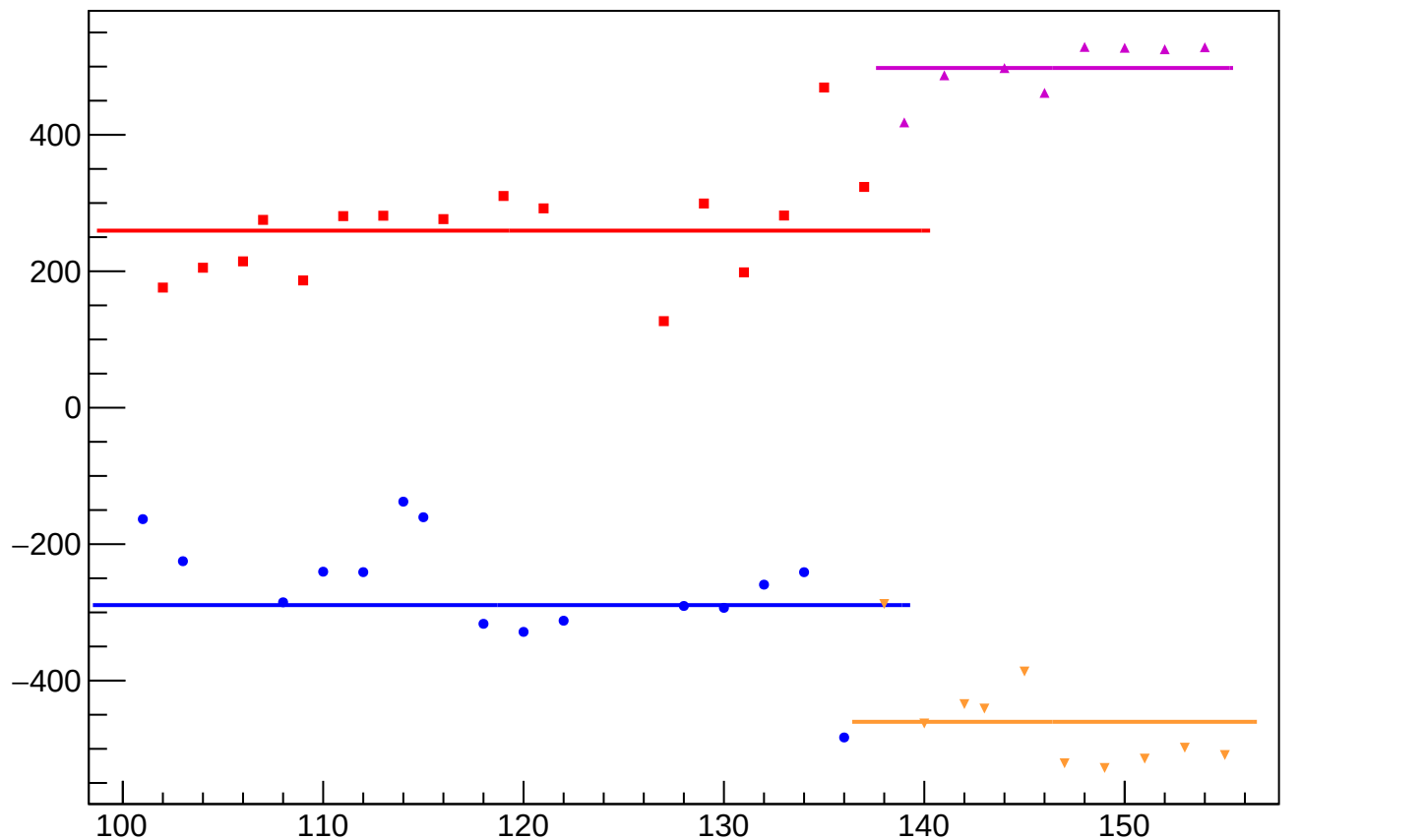
Right: 47.545+/-0.000 χ^2/NDF : 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF : 8111425.9/24

Out: 57.333+/-0.004 χ^2/NDF : 1355984.3/28

All: 47.545+/-0.000 χ^2/NDF : 16106729.3/53

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: -289.322+/-0.000

χ^2/NDF : 53696816404891478649585392183934976.0/14

Left Out: -460.367+/-0.000

χ^2/NDF : 4032406448787731952074810536511930368.0/9

Right Out: 259.558+/-0.000

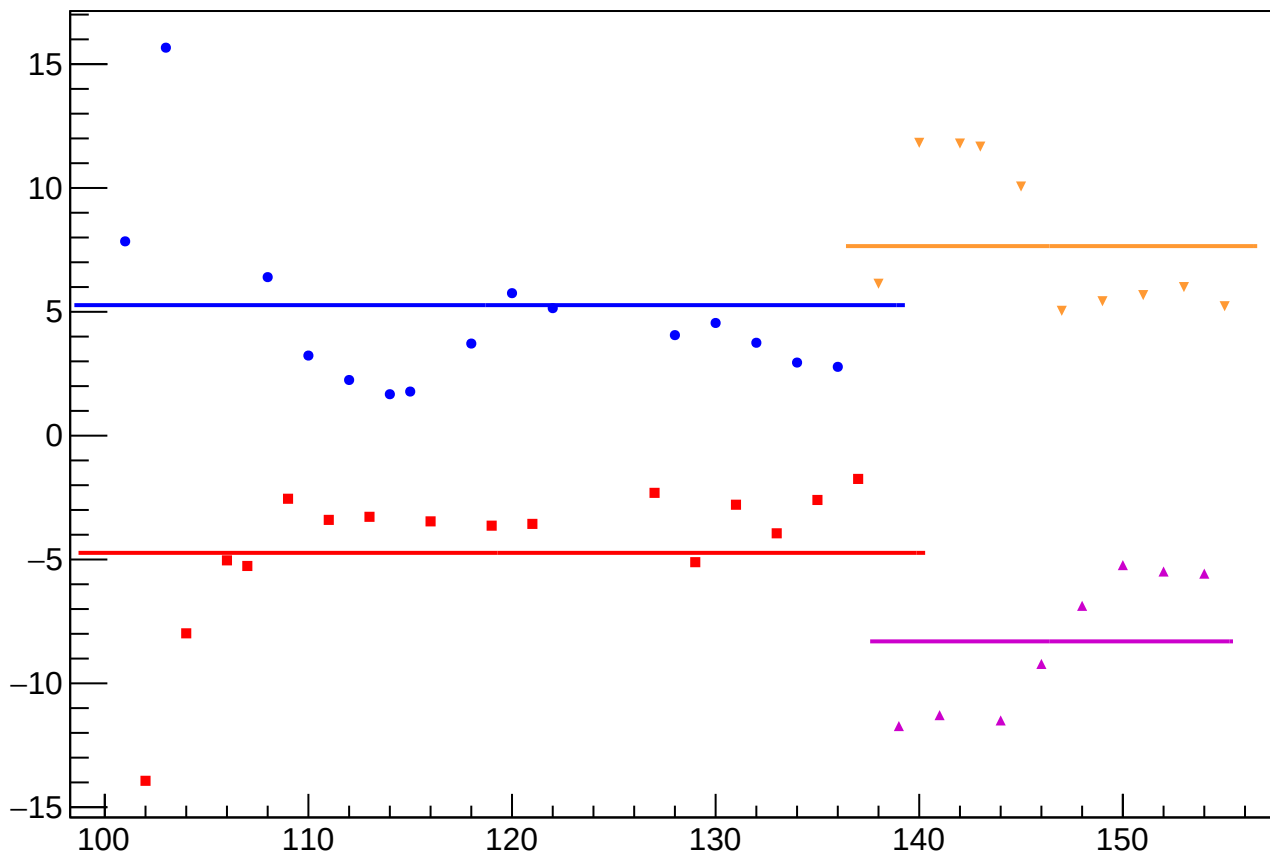
χ^2/NDF : 4299886792692123970784563983770714112.0/15

Left In: 497.934+/-0.000

χ^2/NDF : 942701976231812465500084486119882752.0/7

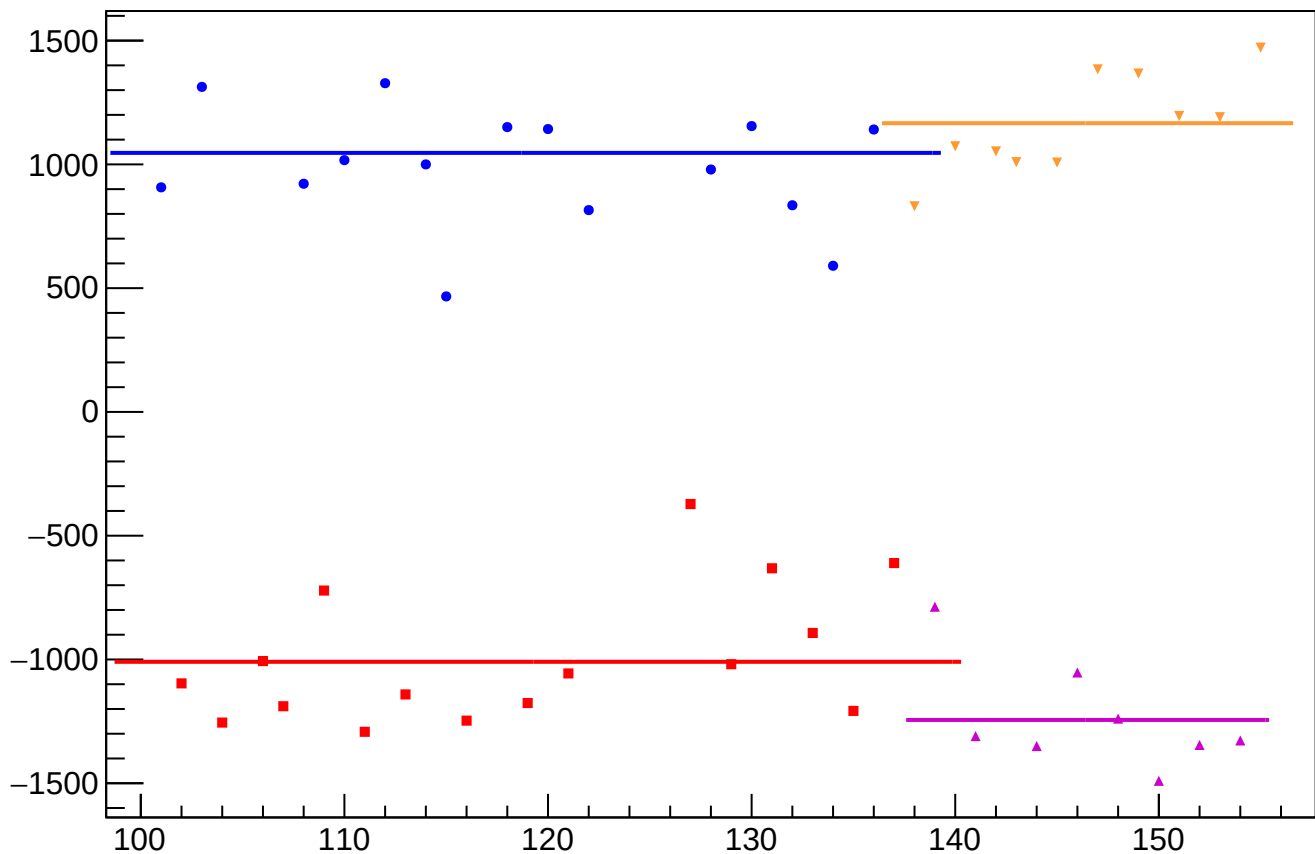
All: -7.429+/-0.000 χ^2/NDF : 4452322230921

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



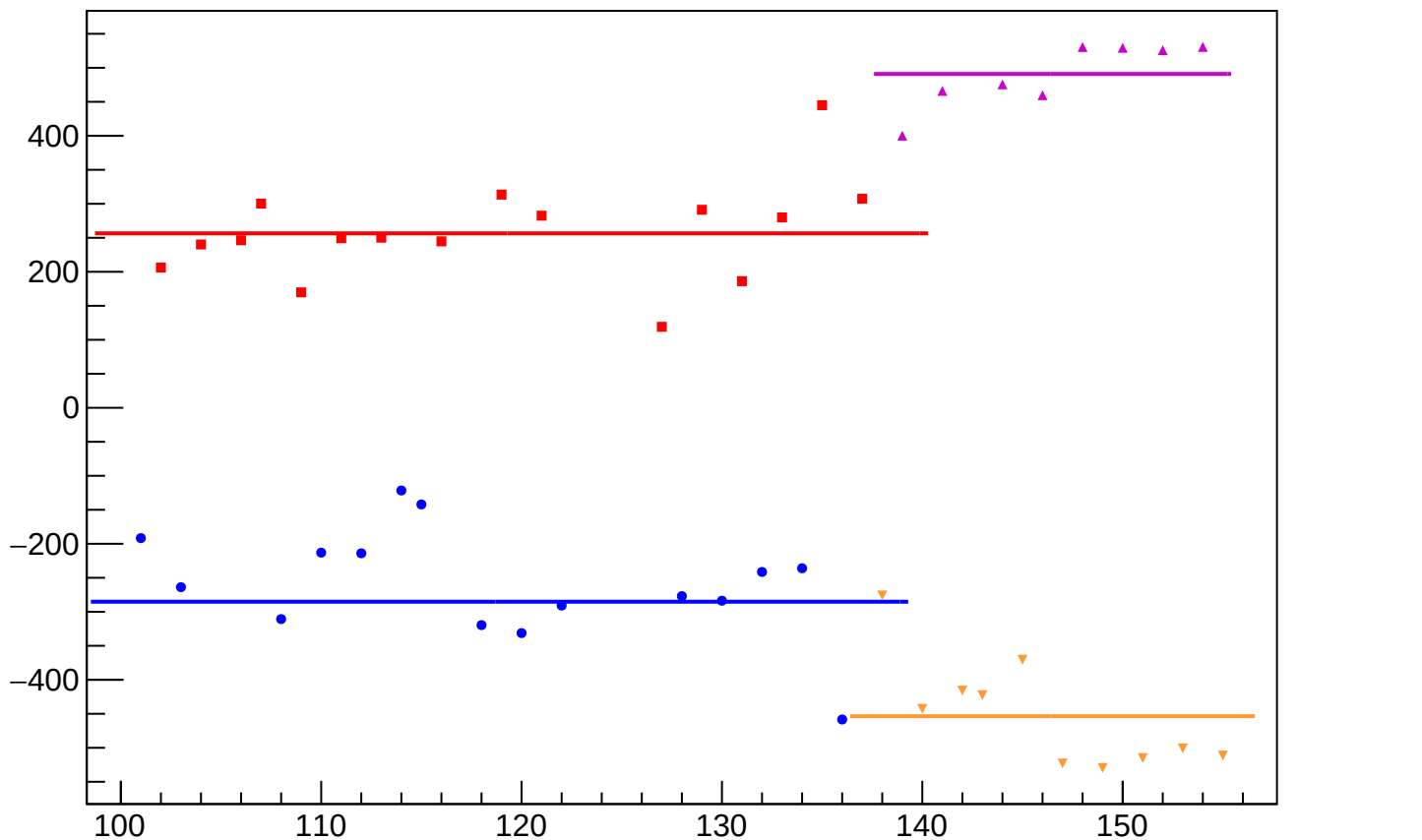
Right In: 5.270 $\pm$ 0.000 χ^2 /NDF: 8709683292123798330550906790084608.0/14
 Left Out: 7.653 $\pm$ 0.000 χ^2 /NDF: 5898091852941632691373730324021248.0/9
 Right Out: -4.732 $\pm$ 0.000 χ^2 /NDF: 6856893072575211562802281426452480.0/15
 Left In: -8.306 $\pm$ 0.000 χ^2 /NDF: 5070071352571646229456458071670784.0/7
 All: 0.124 $\pm$ 0.000 χ^2 /NDF: 1513712298298

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: -285.187+/-0.000

χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -453.536+/-0.000

χ^2/NDF : 4769988693464344377976070138056671232.0/9

Right Out: 256.599+/-0.000

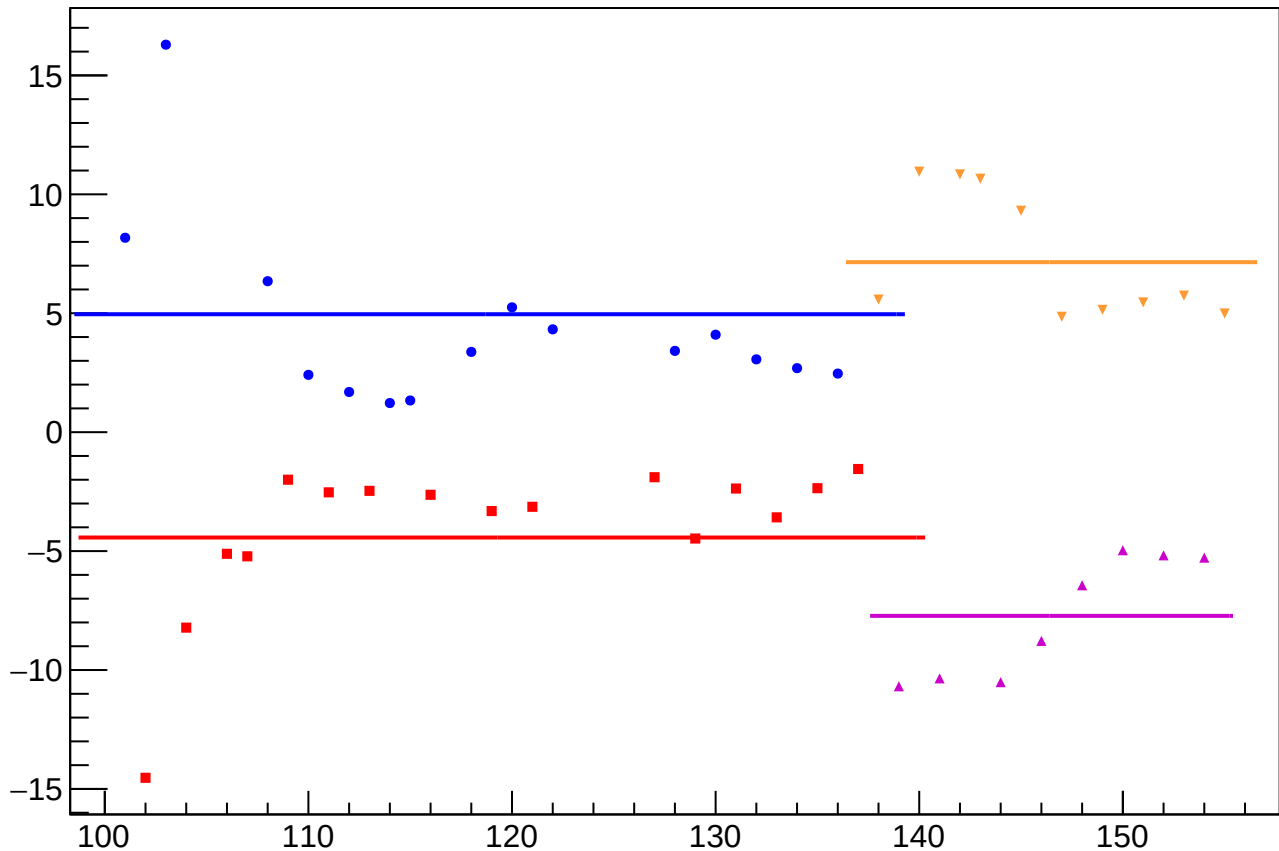
χ^2/NDF : 3648271535971039165952602563191767040.0/15

Left In: 490.971+/-0.000

χ^2/NDF : 1333982633975133925774990539640274944.0/7

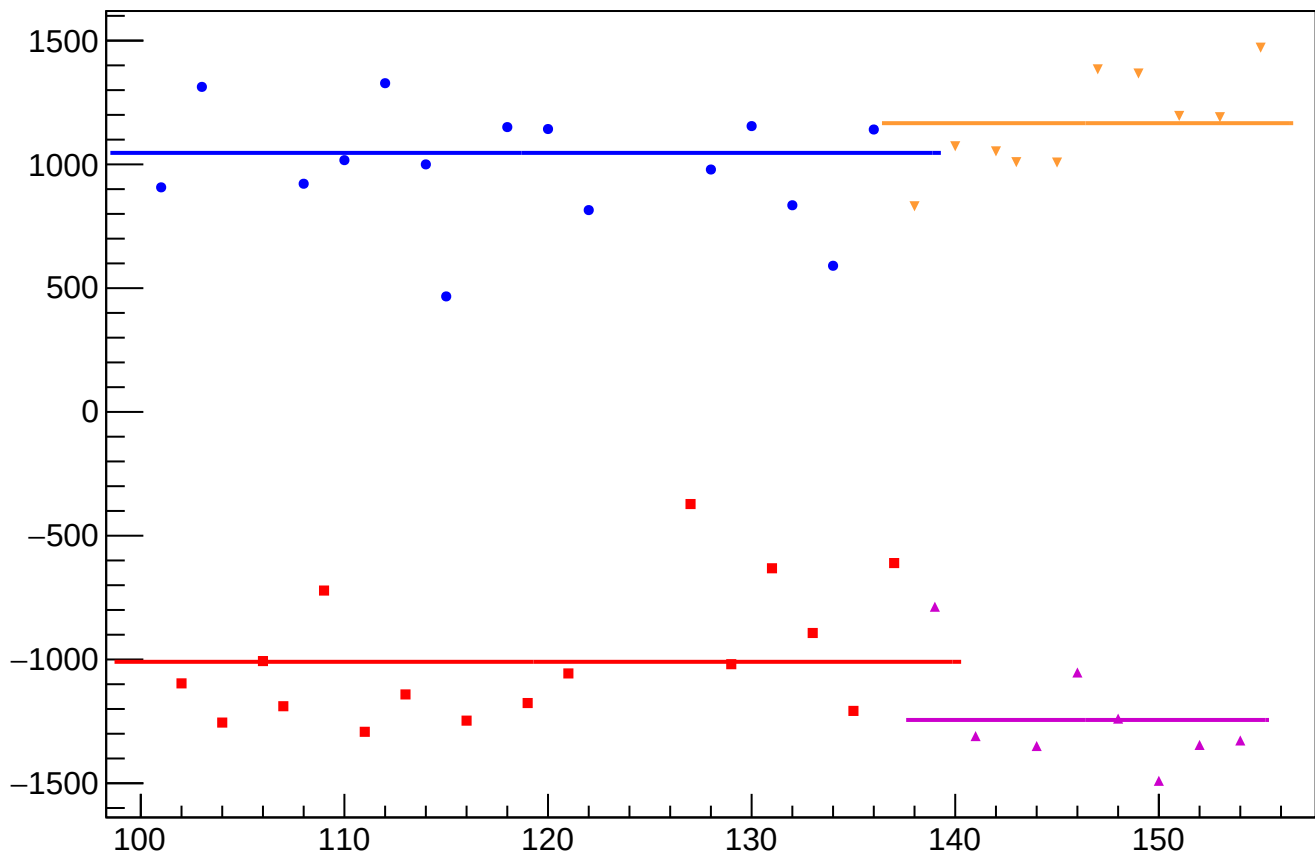
All: -7.034+/-0.000 χ^2/NDF : 4327984833442

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959 $\pm$ 0.000 χ^2 /NDF: 10465467057143371817371681641463808.0/14
 Left Out: 7.147 $\pm$ 0.000 χ^2 /NDF: 4720436528507582518437180193374208.0/9
 Right Out: -4.429 $\pm$ 0.000 χ^2 /NDF: 8371440400334524571131796772618240.0/15
 Left In: -7.723 $\pm$ 0.000 χ^2 /NDF: 4008742727185929540967662352334848.0/7
 All: 0.131 $\pm$ 0.000 χ^2 /NDF: 13637795731502

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1166.483+/-0.000

χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: -1009.445+/-0.000

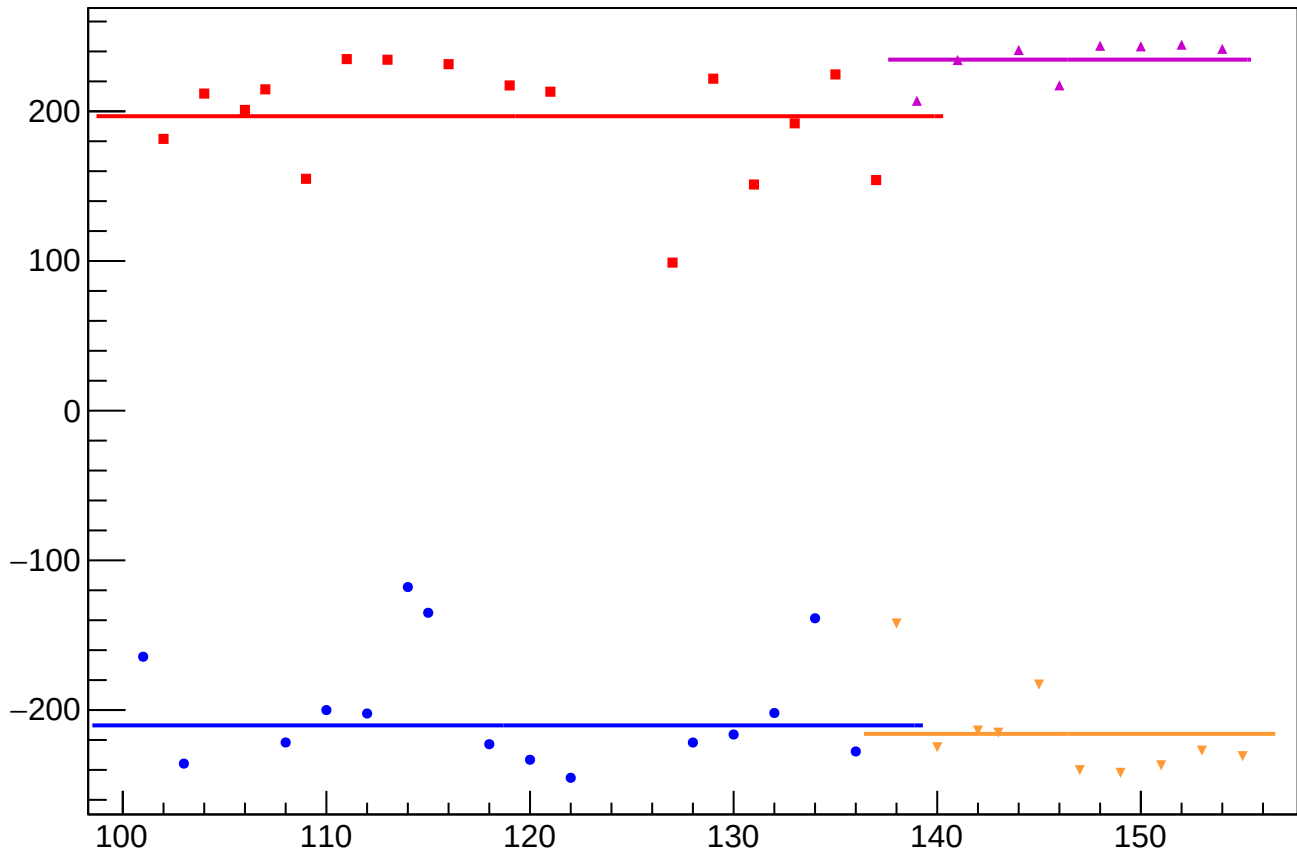
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1244.321+/-0.000

χ^2/NDF : 28343886144136596546146079788396183552.0/7

Left: 18.560+/-0.000 χ^2/NDF : 21544863055669056.0/14
 Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576.0/14
 In: -133.158+/-0.000 χ^2/NDF : 1807035388337786.0/14
 Out: 147.996+/-0.000 χ^2/NDF : 1752889539980940.0/14
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628.0/14

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000

Left Out: -215.926+/-0.000

Right Out: 196.736+/-0.000

Left In: 234.535+/-0.000

χ^2/NDF : 567711076568068409192467700494893056.0/14

χ^2/NDF : 684305154500705882441040016560881664.0/9

χ^2/NDF : 909588895093044840633640514790359040.0/15

χ^2/NDF : 117083523056581268688710910447976448.0/7

Left: -1.435+/-0.000 χ^2/NDF : 74039011921629809

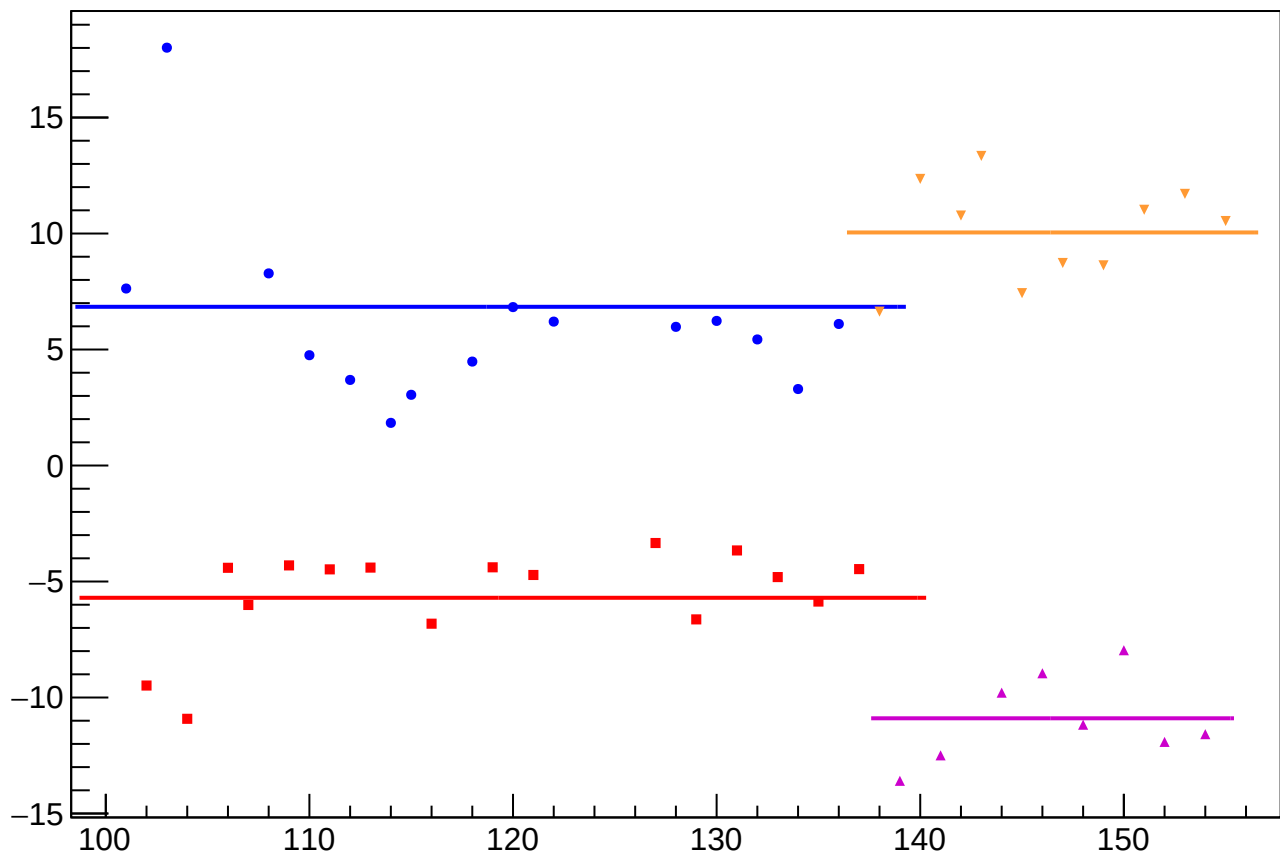
Right: -3.979+/-0.000 χ^2/NDF : 5596508618889263

In: 18.786+/-0.000 χ^2/NDF : 668045759299102277

Out: -22.771+/-0.000 χ^2/NDF : 6201228505390659

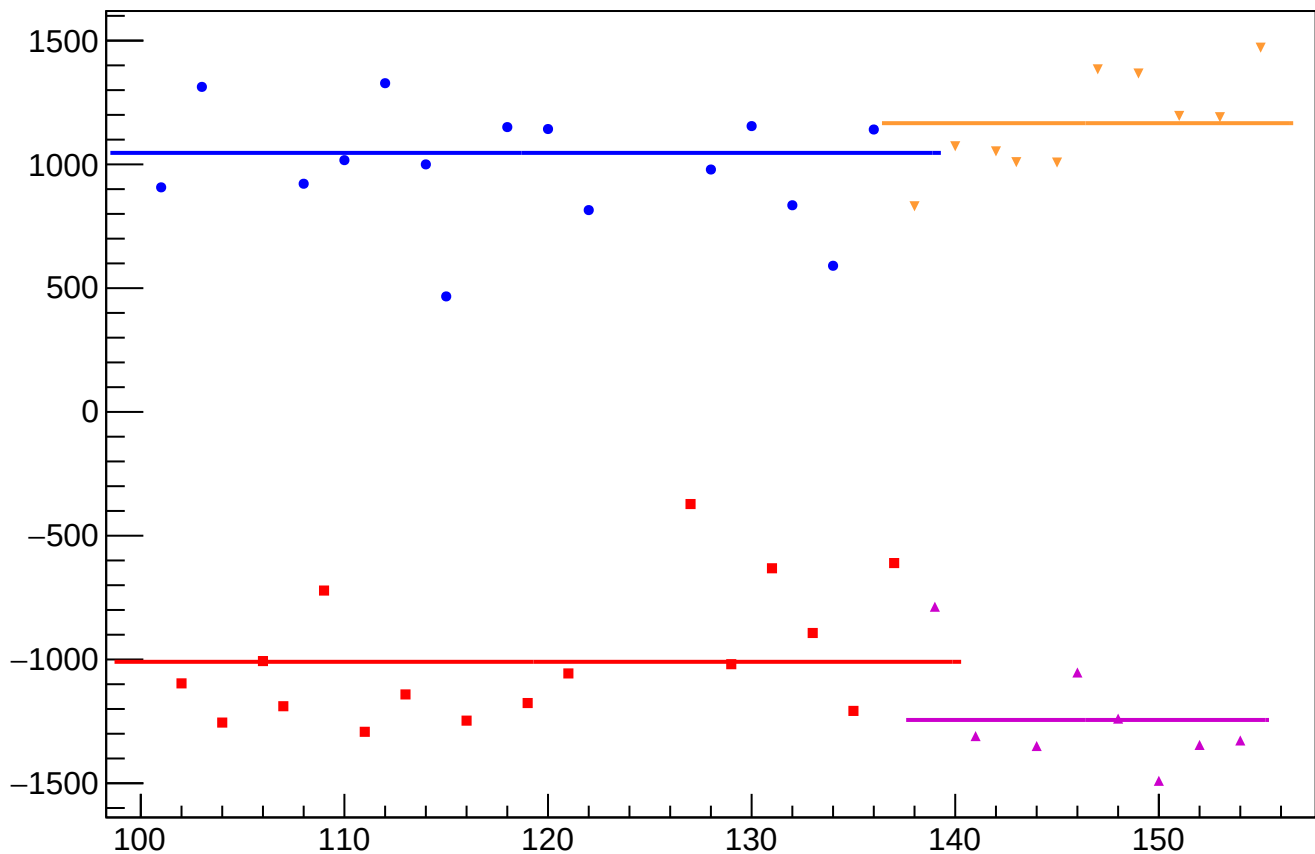
All: -2.647+/-0.000 χ^2/NDF : 1300085584240

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 6.842 $\pm$ 0.000 χ^2 /NDF: 9355934166823324467316647620771840.0/14
 Left Out: 10.046 $\pm$ 0.000 χ^2 /NDF: 3285324893157096601183684466311168.0/9
 Right Out: -5.701 $\pm$ 0.000 χ^2 /NDF: 3174693398300953393137731791486976.0/15
 Left In: -10.896 $\pm$ 0.000 χ^2 /NDF: 2147505840487404806533133667139584.0/7
 All: 0.270 $\pm$ 0.000 χ^2 /NDF: 22812002683923

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1166.483+/-0.000

χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: -1009.445+/-0.000

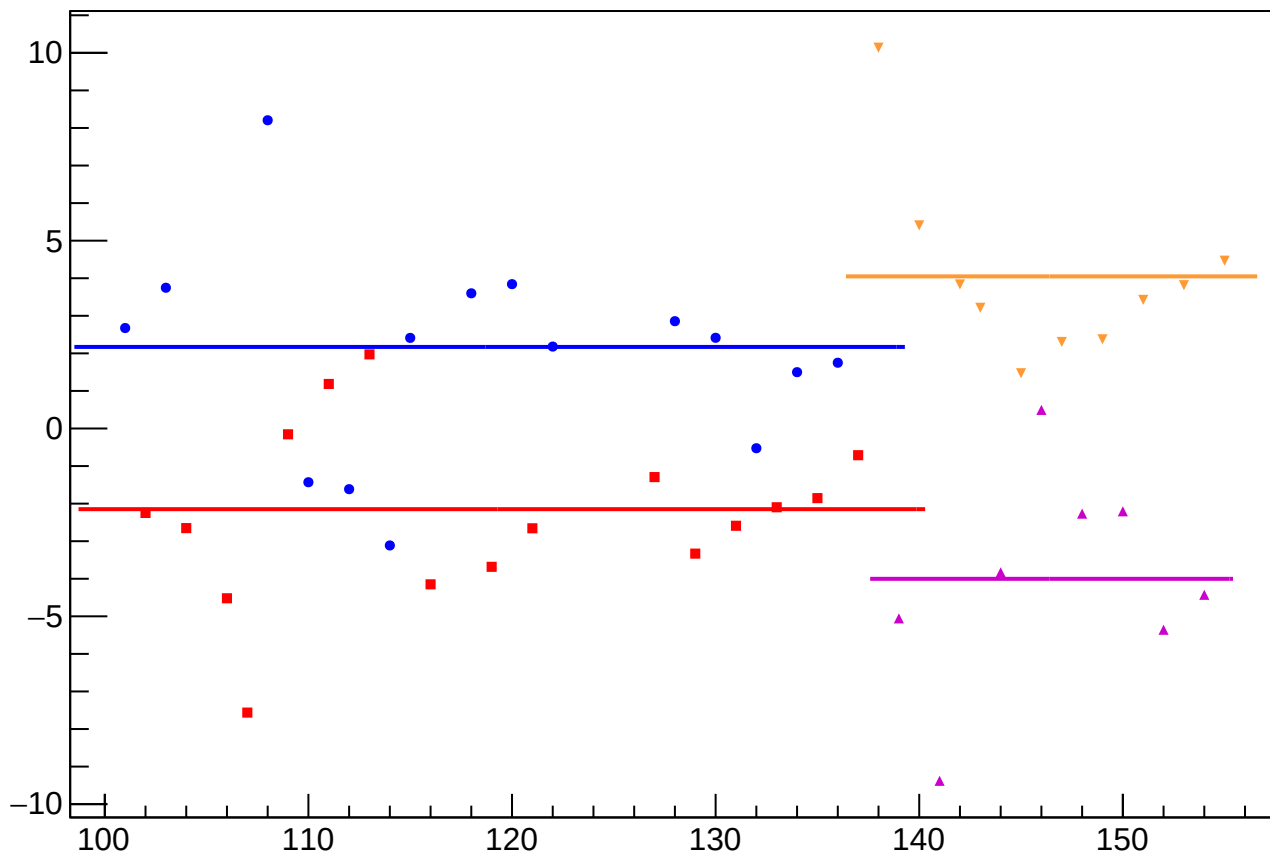
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1244.321+/-0.000

χ^2/NDF : 28343886144136596546146079788396183552.0/7

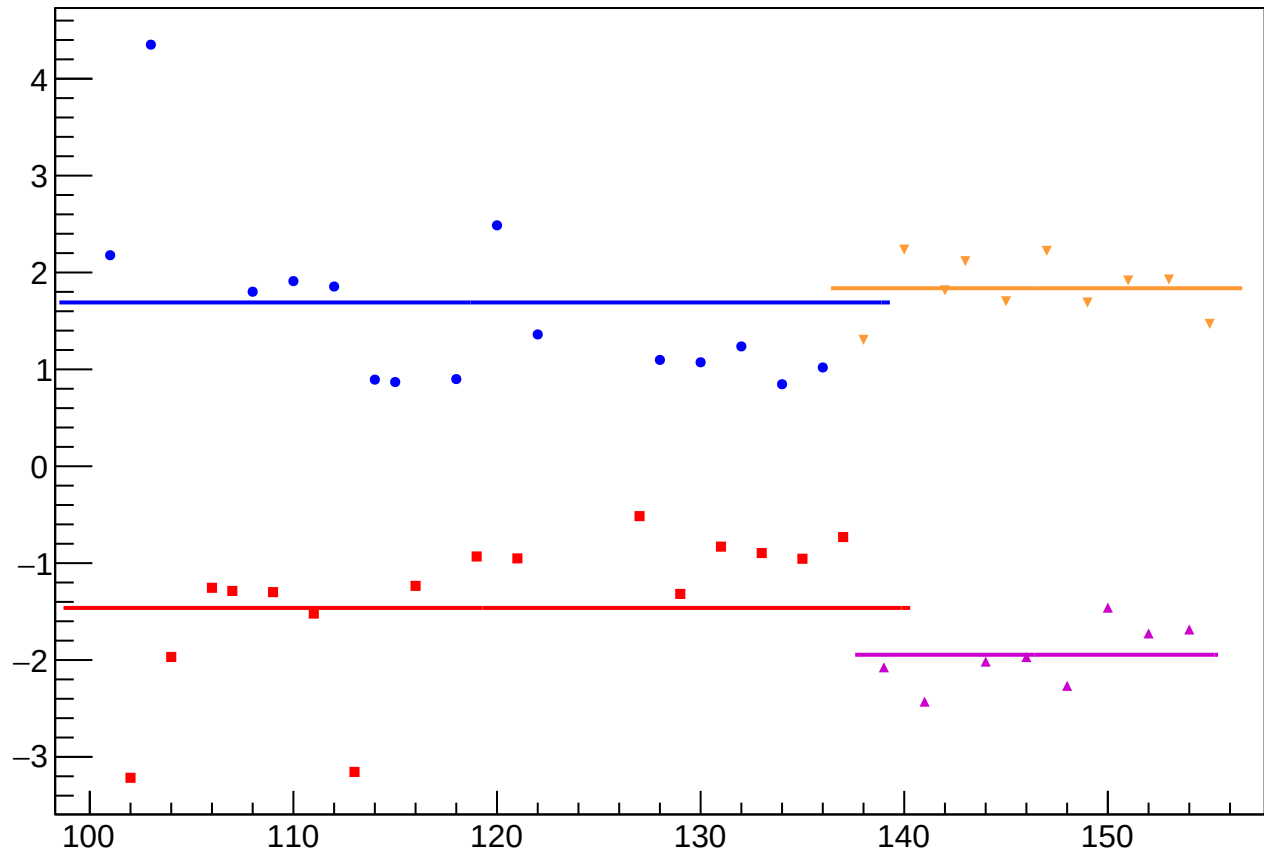
All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_4aY_coil1_mean vs Slug, Sign Corrected



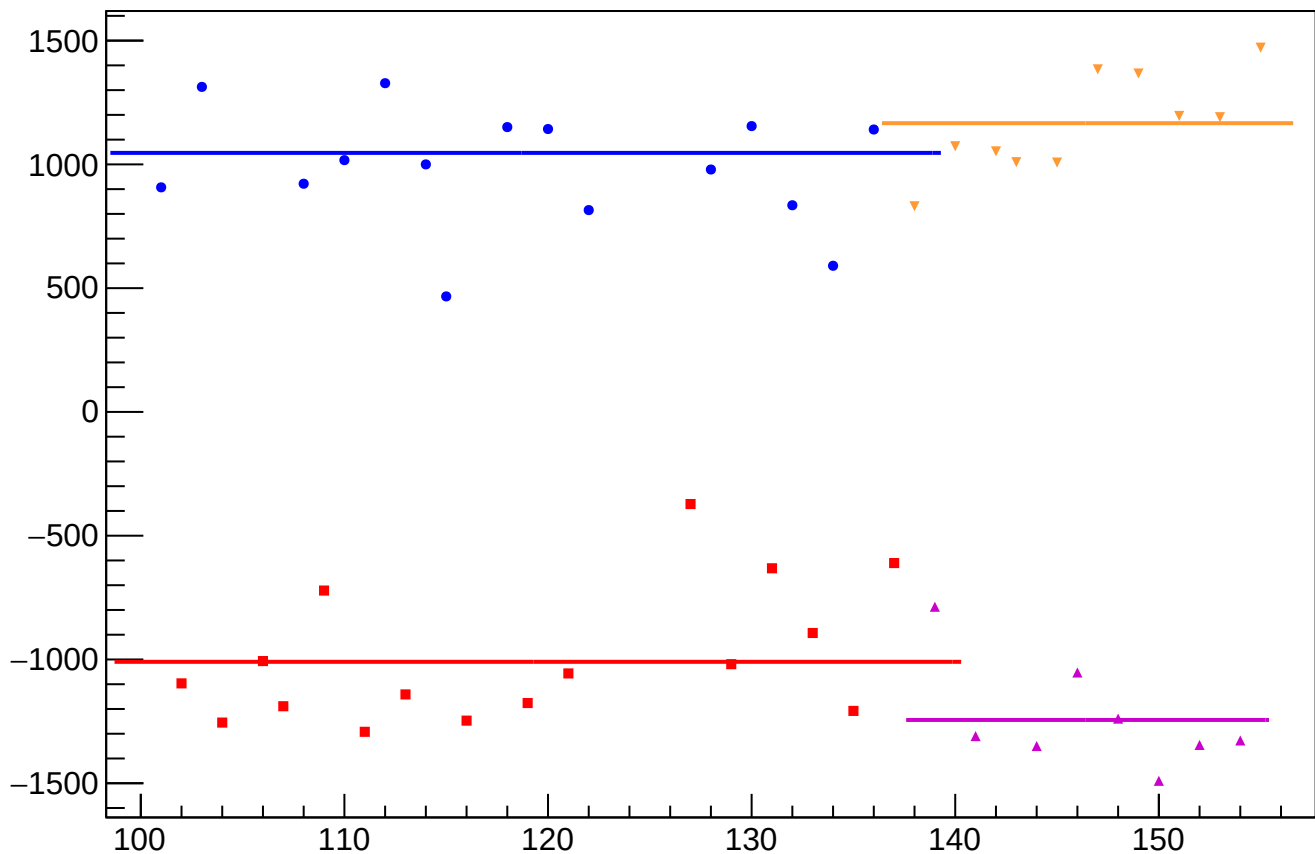
Left: 0.216 ± 0.000 $\chi^2/\text{NDF}: 324979815376597501$
 Right In: 2.171 ± 0.000 $\chi^2/\text{NDF}: 3599819246909975678410499691642880.0/14$
 Left Out: 4.049 ± 0.000 $\chi^2/\text{NDF}: 4151688720540426193279102283153408.0/9$
 Right Out: -2.148 ± 0.000 $\chi^2/\text{NDF}: 3093887336239378959606321931878400.0/15$
 Left In: -4.002 ± 0.000 $\chi^2/\text{NDF}: 4950929210578562224838533200216064.0/7$
 In: -1.007 ± 0.000 $\chi^2/\text{NDF}: 212863779518071184$
 Out: 1.149 ± 0.000 $\chi^2/\text{NDF}: 208703541372169428$
 All: 0.105 ± 0.000 $\chi^2/\text{NDF}: 45365020237038$

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.691 ± 0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.837 ± 0.000 χ^2/NDF : 67290375771260920525669405818880.0/9
 Right Out: -1.462 ± 0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: -1.946 ± 0.000 χ^2/NDF : 62169284740742932954041739640832.0/7
 All: 0.063 ± 0.000 χ^2/NDF : 96237422453774

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1166.483+/-0.000

χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: -1009.445+/-0.000

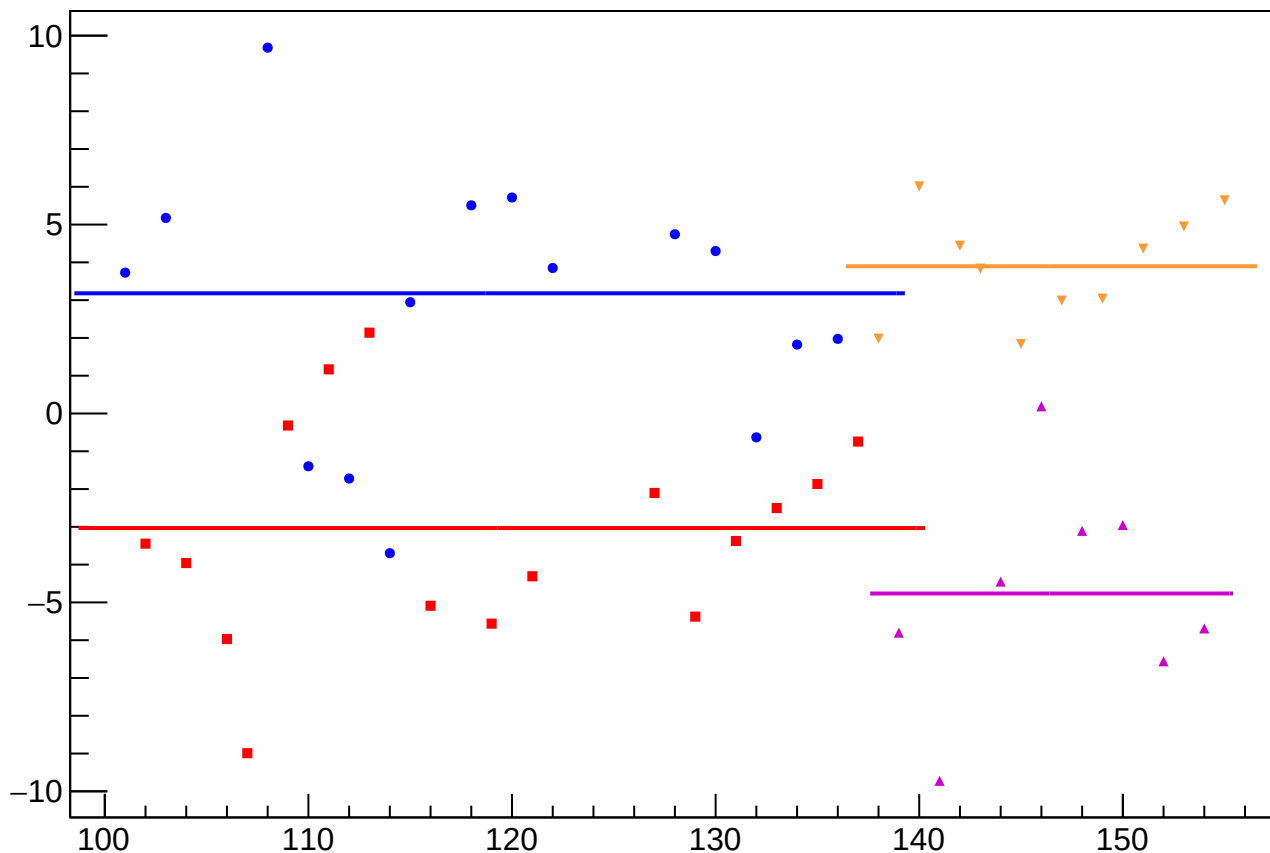
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1244.321+/-0.000

χ^2/NDF : 28343886144136596546146079788396183552.0/7

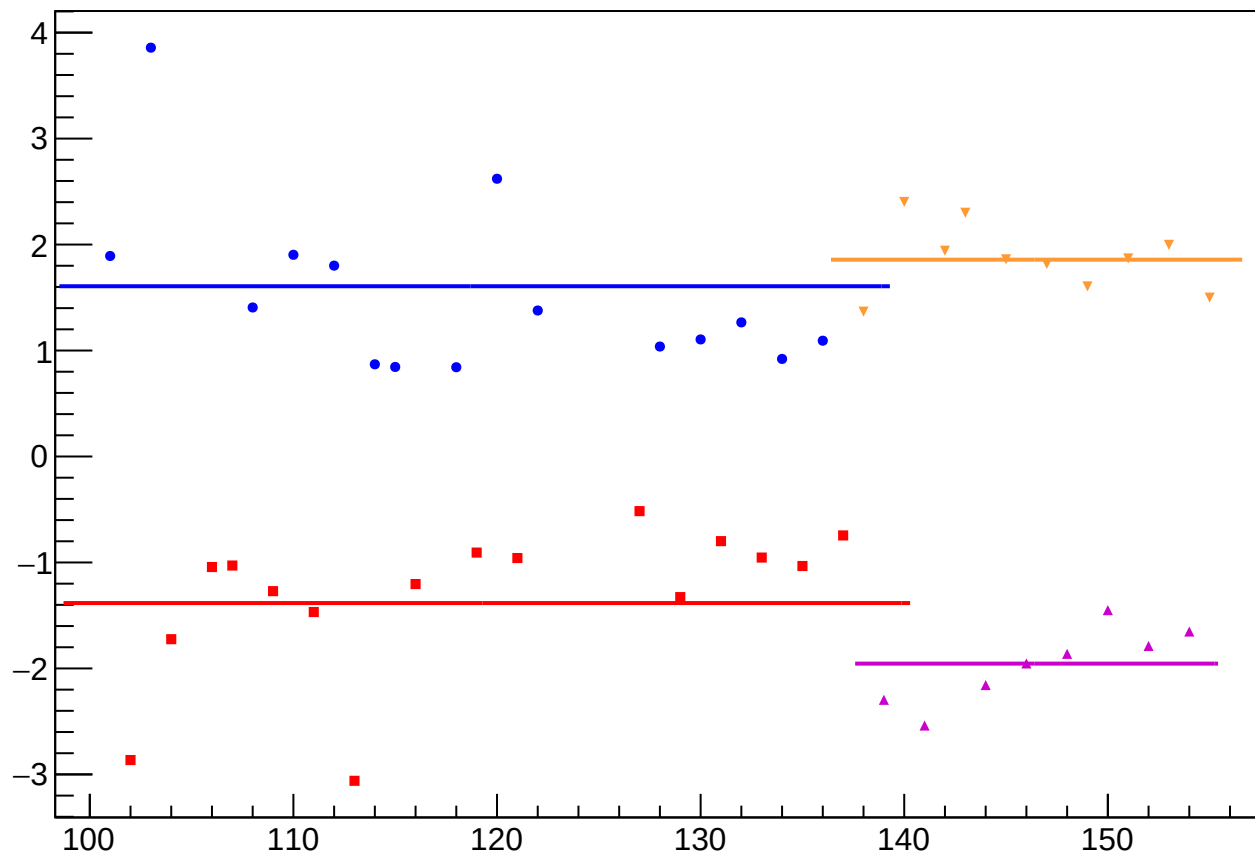
Left: 18.560+/-0.000 χ^2/NDF : 21544863055669056.0/14
 Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576.0/14
 In: -133.158+/-0.000 χ^2/NDF : 1807035388337786.0/14
 Out: 147.996+/-0.000 χ^2/NDF : 1752889539980940.0/14
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628.0/14

dit_4eY_coil1_mean vs Slug, Sign Corrected



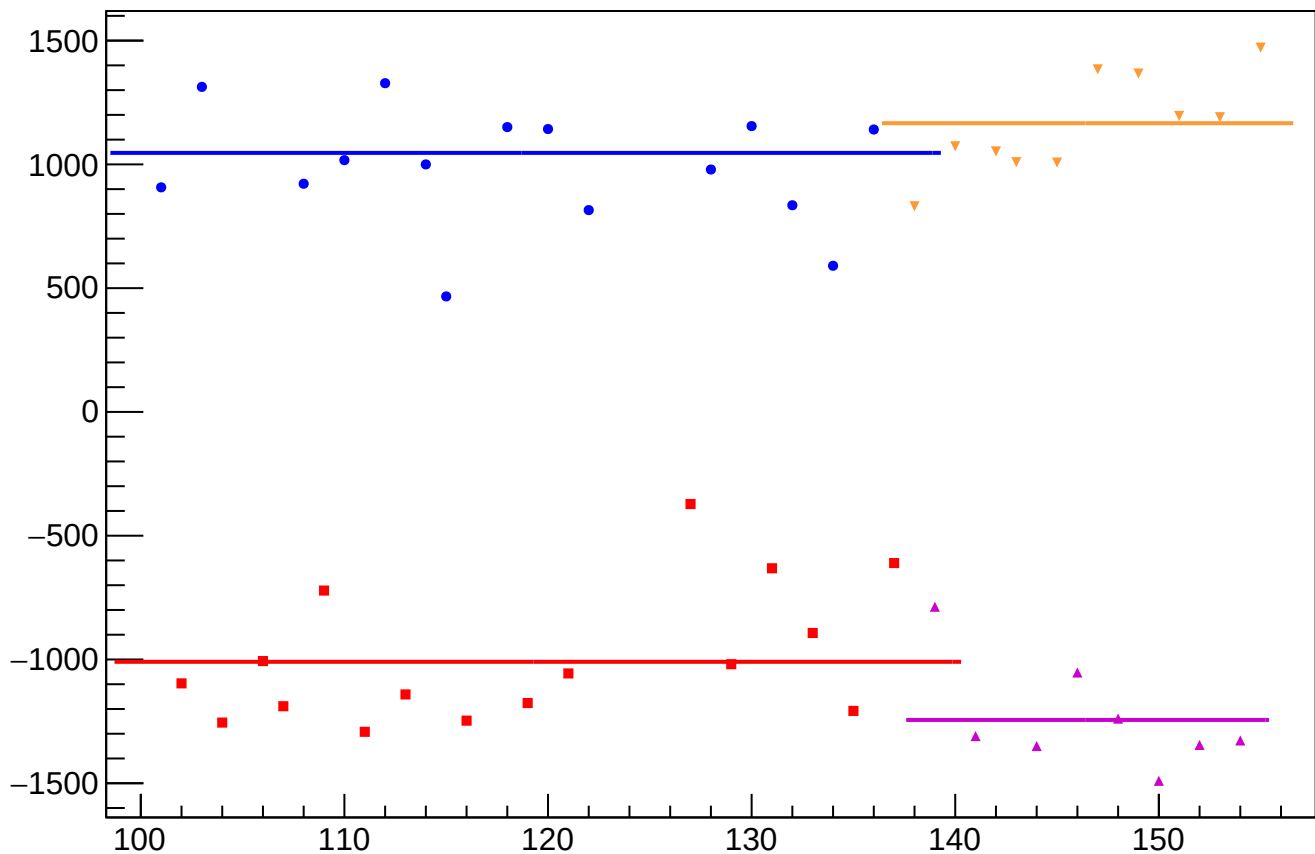
Right In: 3.181 ± 0.000 $\chi^2/\text{NDF}: 5833303227868252617704566394191872.0/14$
 Left Out: 3.897 ± 0.000 $\chi^2/\text{NDF}: 1490229924865567313018788002136064.0/9$
 Right Out: -3.032 ± 0.000 $\chi^2/\text{NDF}: 4937209831371793945496546833334272.0/15$
 Left In: -4.765 ± 0.000 $\chi^2/\text{NDF}: 5107630065521603503040653221167104.0/7$
 All: -0.104 ± 0.000 $\chi^2/\text{NDF}: 5718792692009$

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



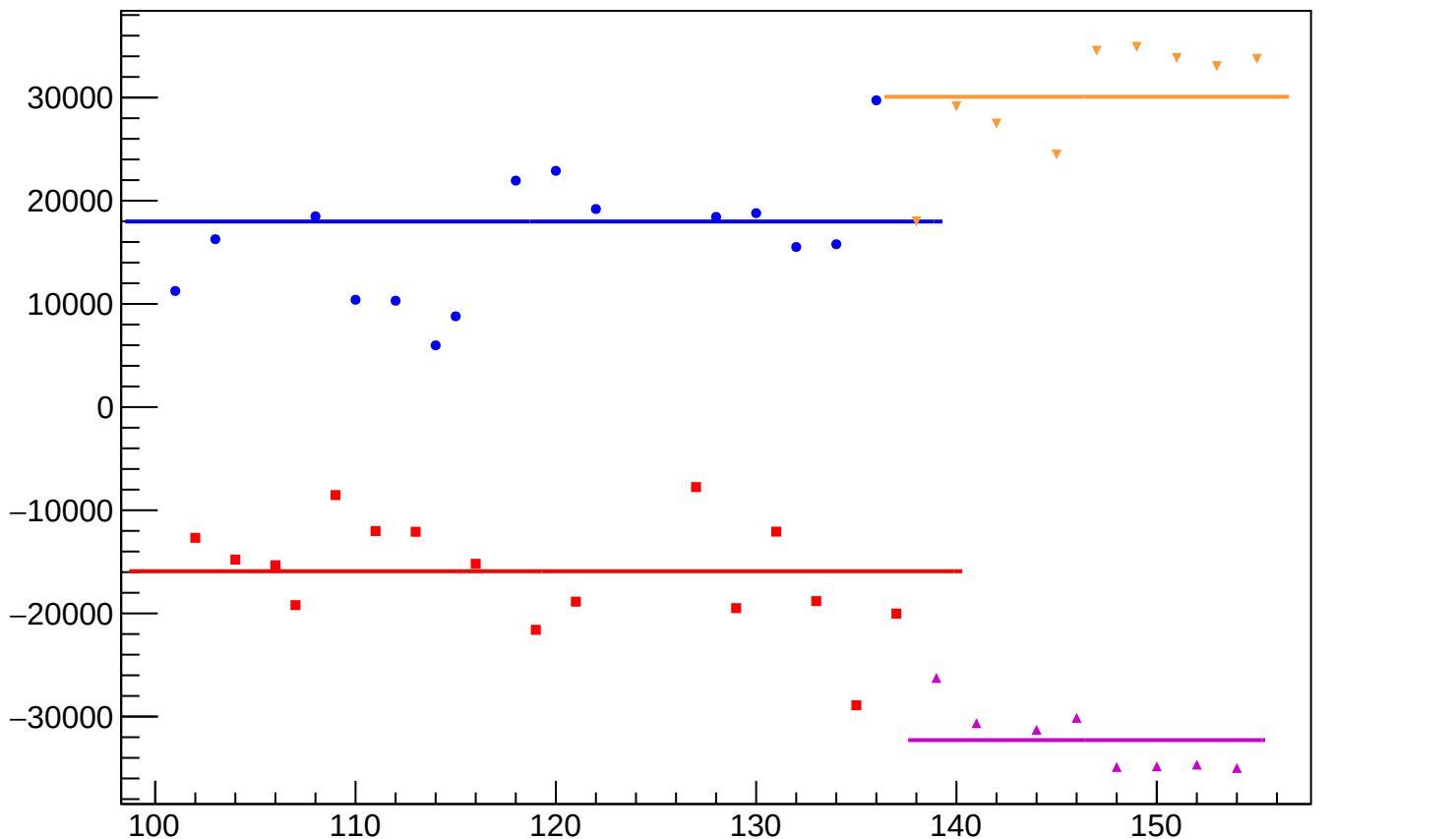
Right In: 1.607 $\pm$ 0.000 χ^2/NDF : 460949628640148184181205735833600.0/14
 Left Out: 1.857 $\pm$ 0.000 χ^2/NDF : 73975751814741481095656888074240.0/9
 Right Out: -1.383 $\pm$ 0.000 χ^2/NDF : 358348897016286200957650337792000.0/15
 Left In: -1.954 $\pm$ 0.000 χ^2/NDF : 76560149450187408323288955355136.0/7
 All: 0.066 $\pm$ 0.000 χ^2/NDF : 91558033018942

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



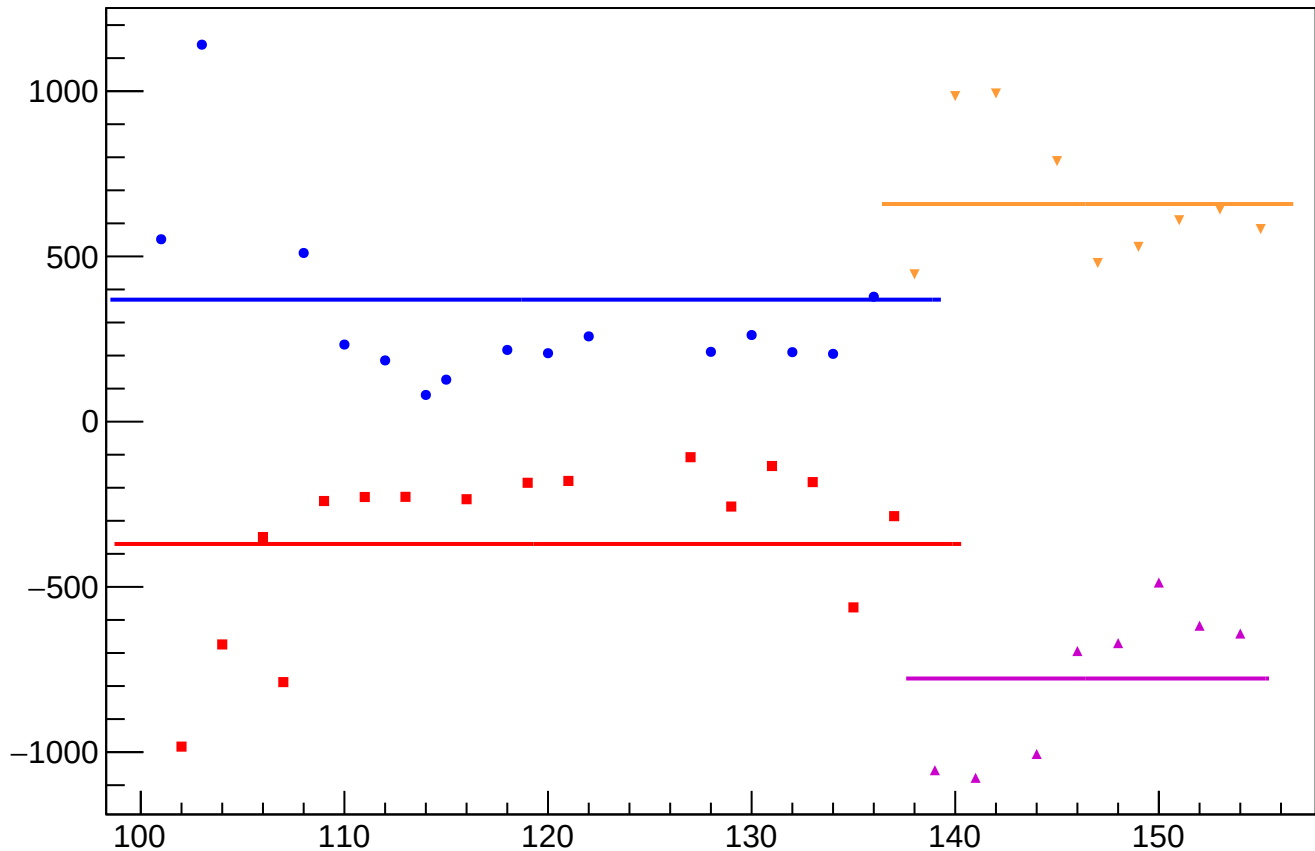
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_usl_coil1_mean vs Slug, Sign Corrected



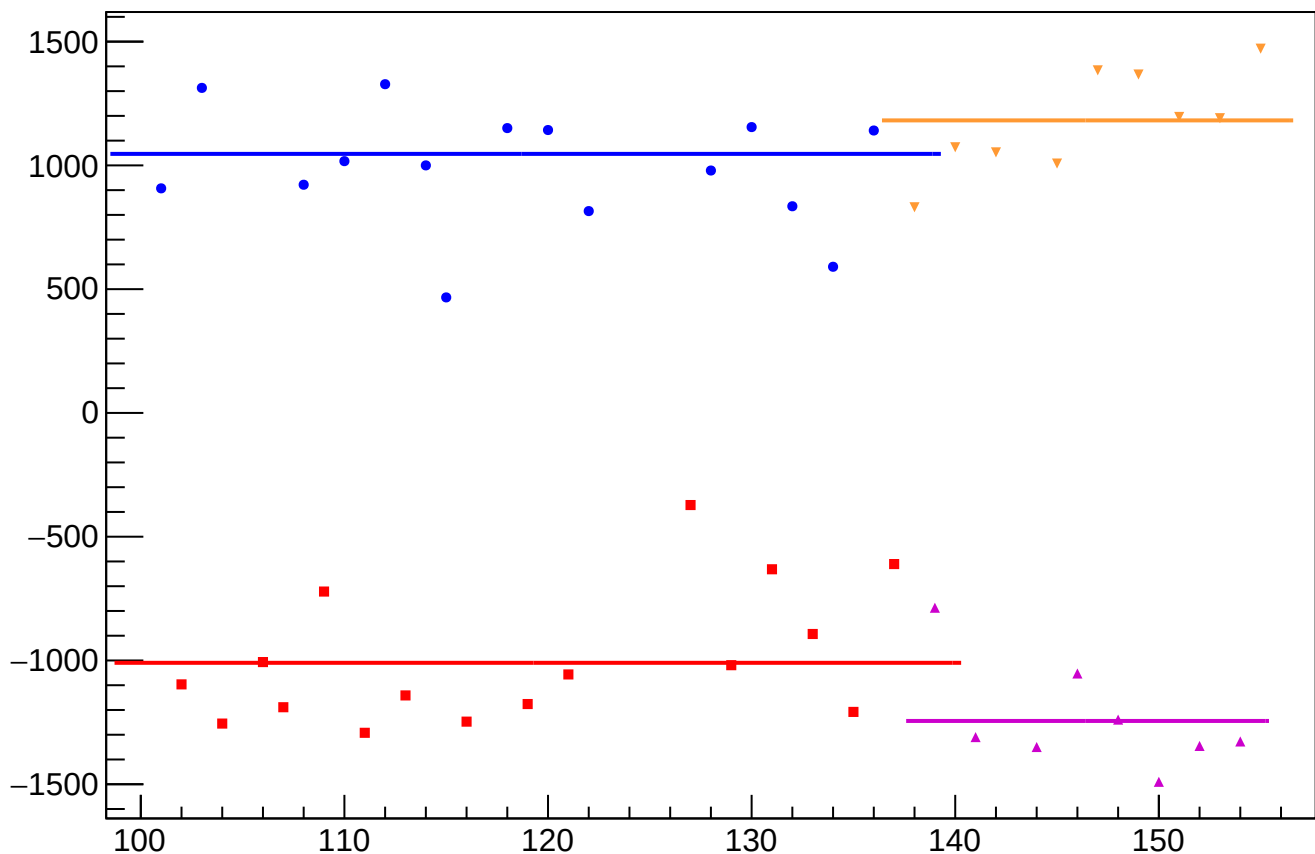
Right In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left Out: 30075.768+/-0.000 χ^2/NDF : 20733995602422427934273575460427704303616.0/8
 Right Out: -15915.227+/-0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Left In: -32281.365+/-0.000 χ^2/NDF : 5947500383973961772878290713003136385024.0/7
 All: -148.601+/-0.000 χ^2/NDF : 17933816594

dit_usl_coil1_err_mean vs Slug, Sign Corrected



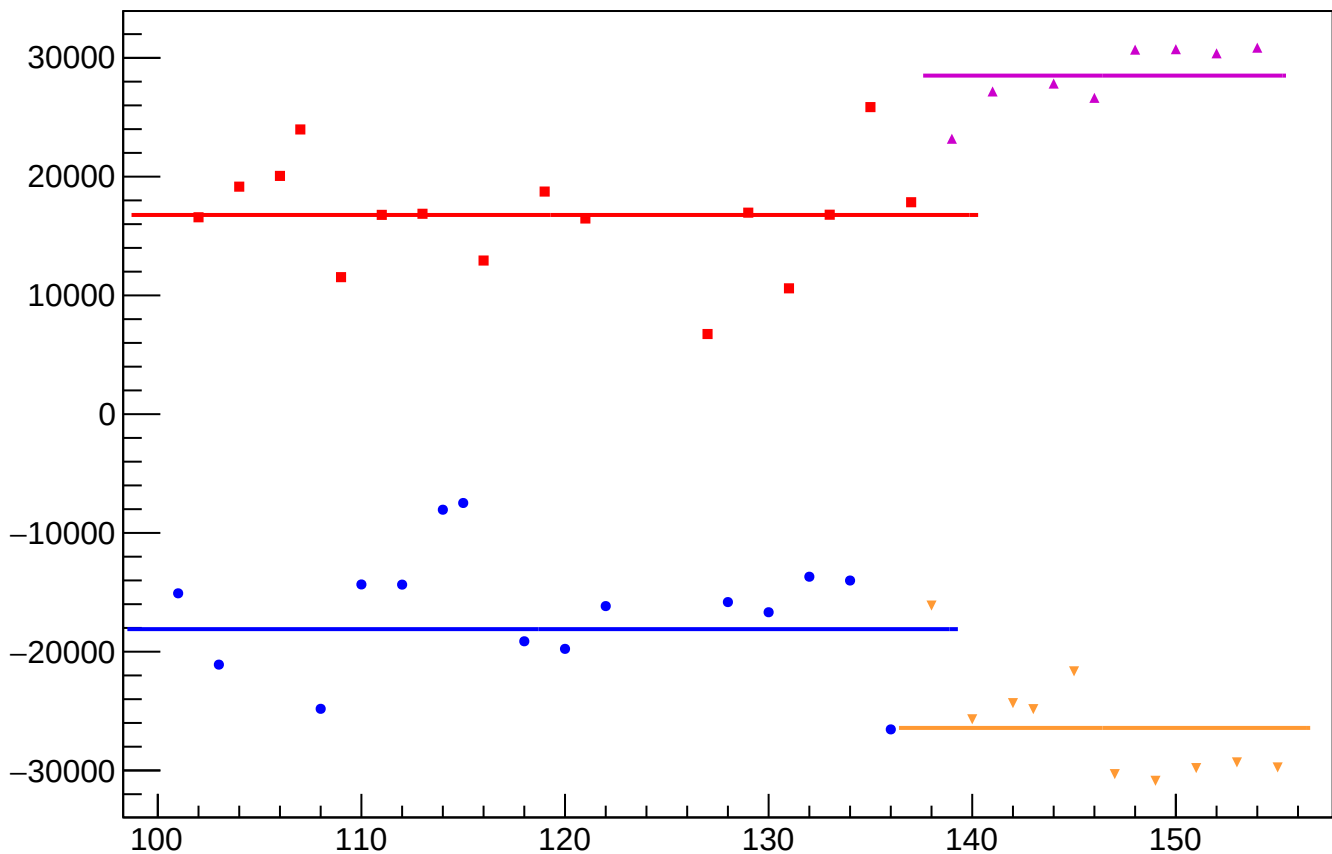
Left: -58.293 +/- 0.000 χ^2/NDF : 7661378156609911
 Right: -5.517 +/- 0.000 χ^2/NDF : 2760339889261500
 In: -221.151 +/- 0.000 χ^2/NDF : 5188796189929361
 Out: 153.311 +/- 0.000 χ^2/NDF : 4306640694449839
 All: -32.531 +/- 0.000 χ^2/NDF : 104404803549

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1181.757+/-0.000 χ^2/NDF : 26617729097619092336495277924052631552.0/8
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: -12.934+/-0.000 χ^2/NDF : 354620398686

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: -18100.637+/-0.000

Left Out: -26418.822+/-0.000

Right Out: 16773.604+/-0.000

Left In: 28507.738+/-0.000

χ^2/NDF : 14634967546173586967632040765428699496448.0/14

χ^2/NDF : 15856970098777103223217043663057361829888.0/9

χ^2/NDF : 14234547931135812277474342886568366178304.0/15

χ^2/NDF : 4421453040965827914256709952502547611648.0/7

Left: -265.125+/-0.000 χ^2/NDF : 110917013839123

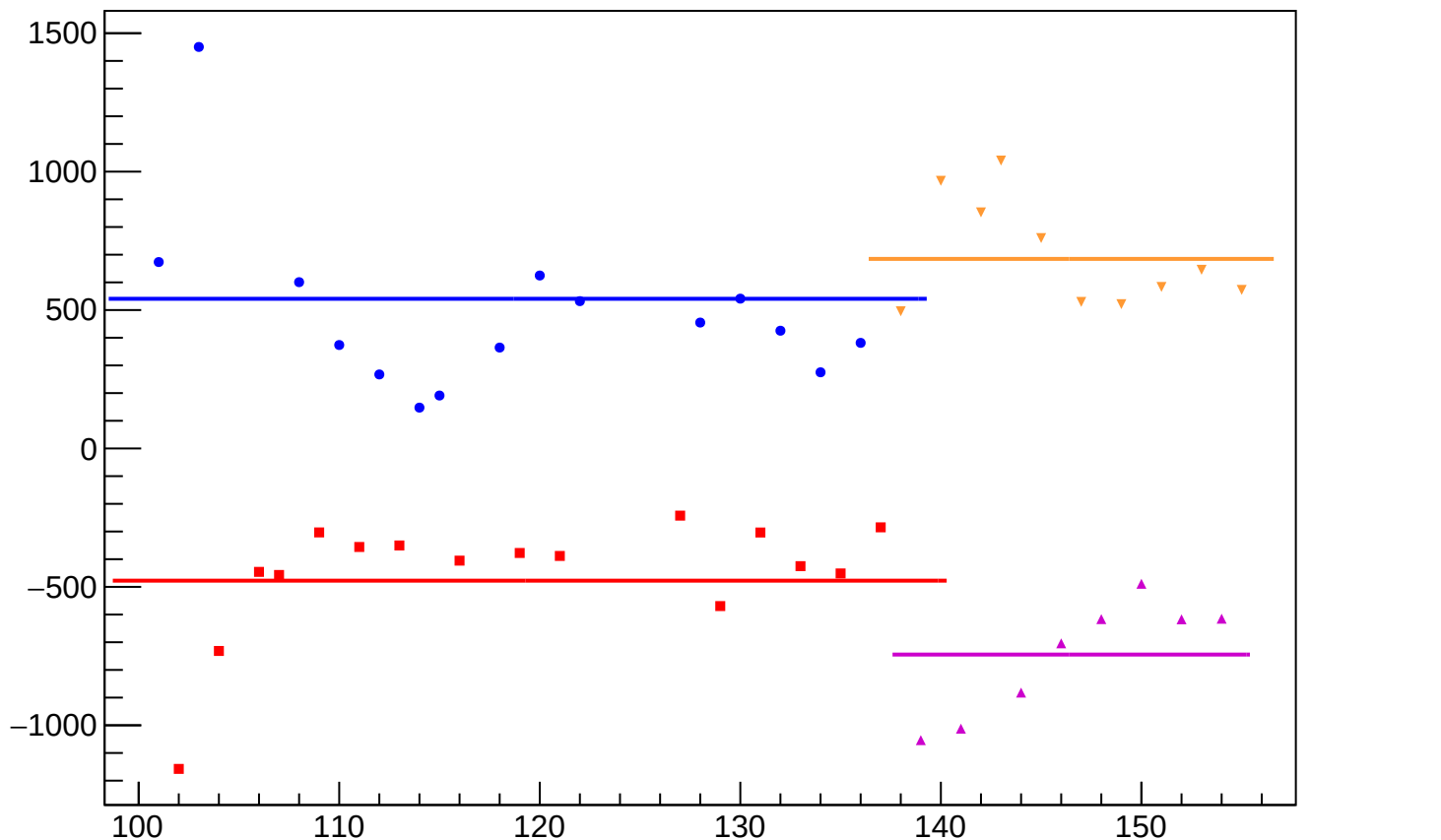
Right: -425.015+/-0.000 χ^2/NDF : 42892863582613

In: 5900.238+/-0.000 χ^2/NDF : 7450549234027138

Out: -6201.736+/-0.000 χ^2/NDF : 69199607956837

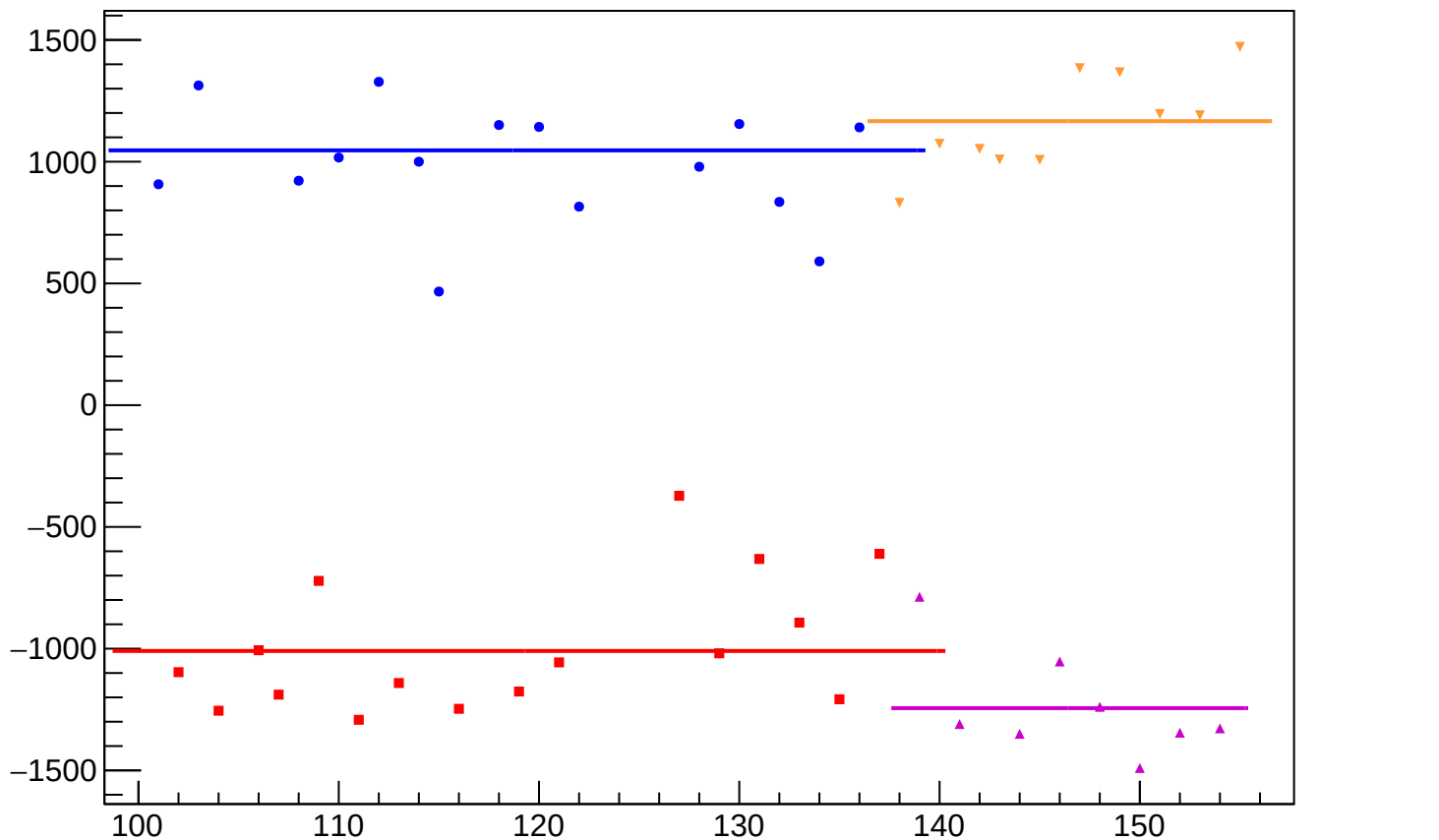
All: -341.280+/-0.000 χ^2/NDF : 15381163933

dit_usr_coil1_err_mean vs Slug, Sign Corrected



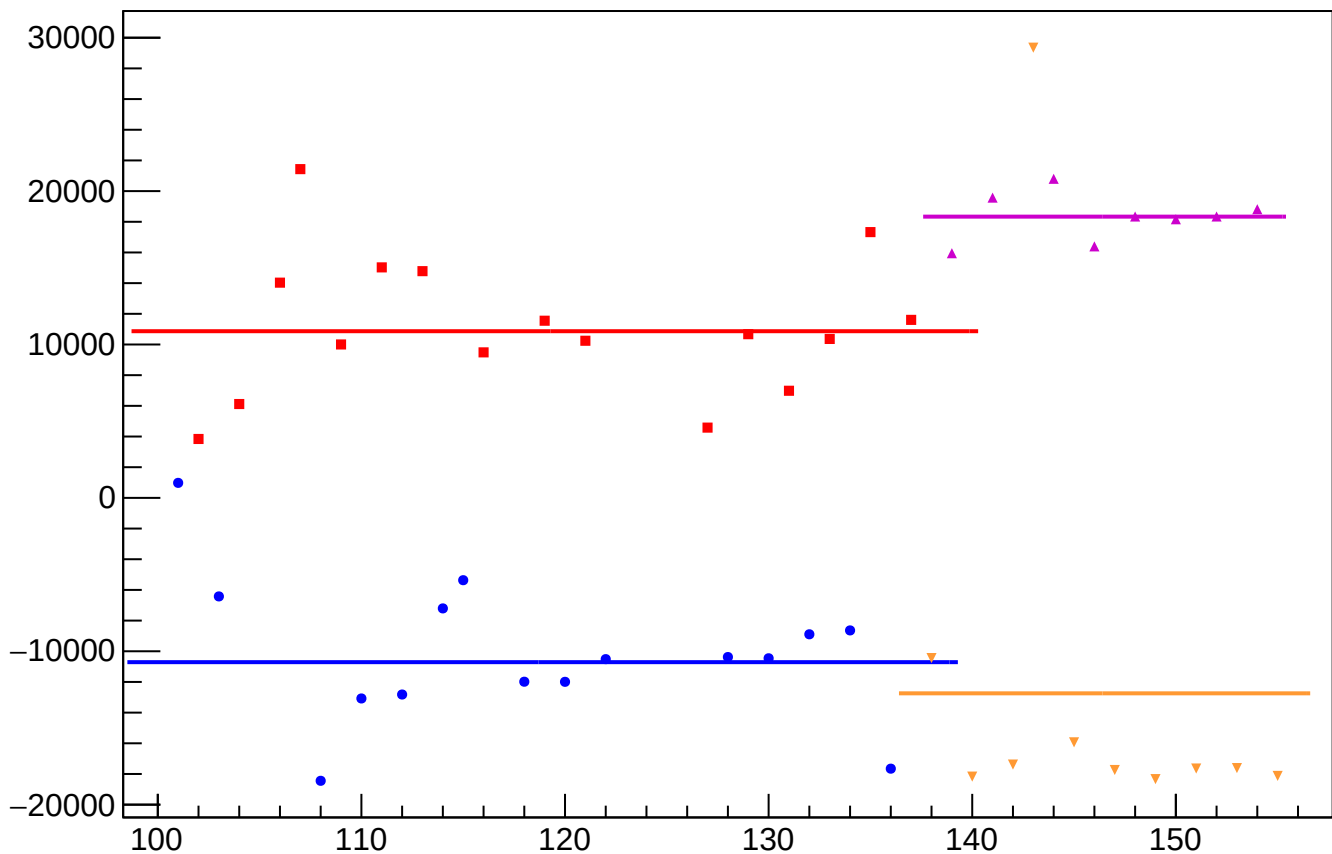
Right In: 540.663 $\pm$ 0.000 χ^2 /NDF: 64546819695986774721678785082975846400.0/14
 Left Out: 684.797 $\pm$ 0.000 χ^2 /NDF: 25581103403827644417076979618918957056.0/9
 Right Out: -477.546 $\pm$ 0.000 χ^2 /NDF: 38798306504296954461537116809760604160.0/15
 Left In: -744.515 $\pm$ 0.000 χ^2 /NDF: 25875821742539979093871789790940102656.0/7
 All: 13.924 $\pm$ 0.000 χ^2 /NDF: 1233464924238

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292+/-0.000

Left Out: -12742.590+/-0.000

Right Out: 10866.264+/-0.000

Left In: 18336.025+/-0.000

χ^2/NDF : 16945226152053511840482618402250170564608.0/14

χ^2/NDF : 134129762387438995458249551810257580195840.0/9

χ^2/NDF : 14234762838858382484525901644131626647552.0/15

χ^2/NDF : 1468790705193088884237931517352601452544.0/7

Left: 2055.728+/-0.000

Right: 225.546+/-0.000

In: 4247.041+/-0.000

Out: -1691.990+/-0.000

All: 1184.023+/-0.000

χ^2/NDF : 484211255057589

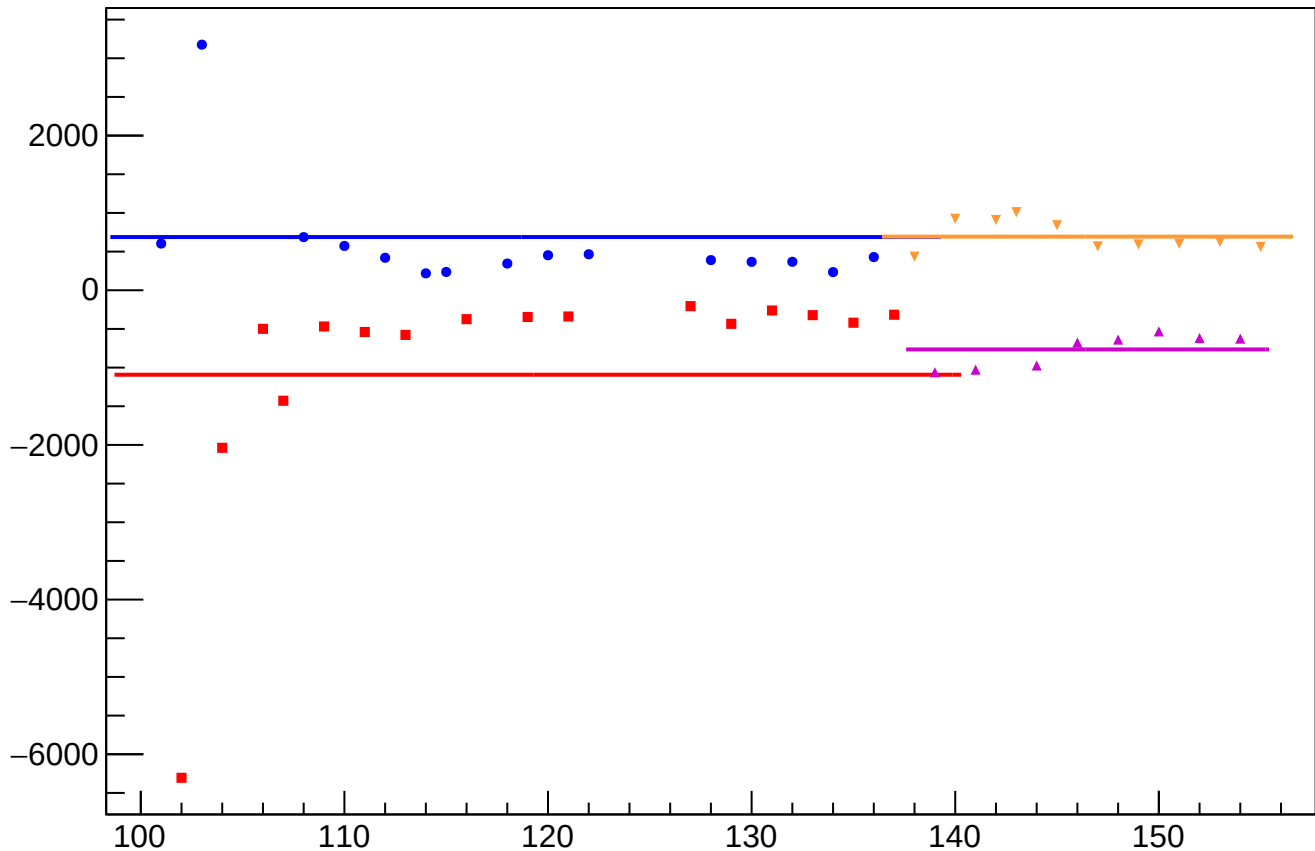
χ^2/NDF : 184316555733630

χ^2/NDF : 3003756155917387

χ^2/NDF : 34612066772670

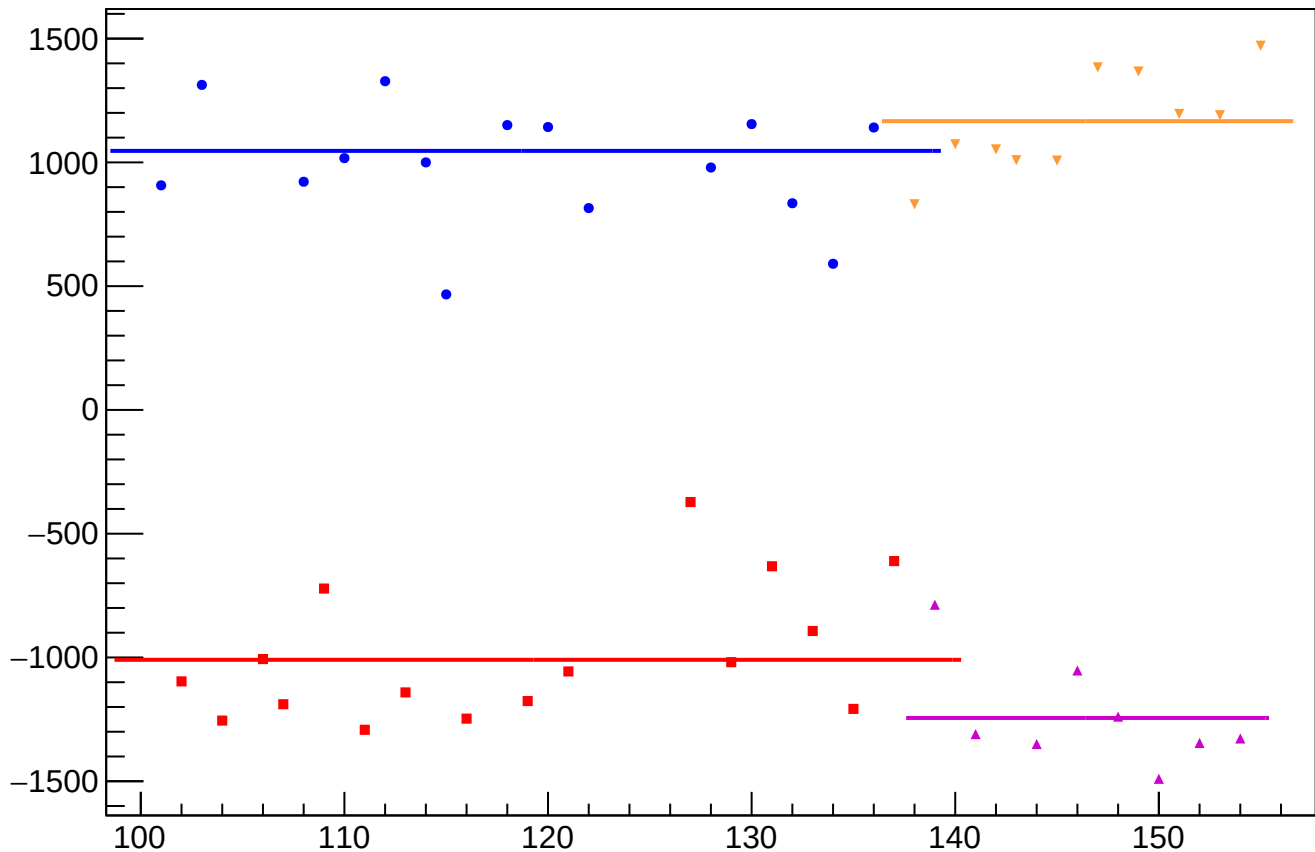
χ^2/NDF : 67083632255

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



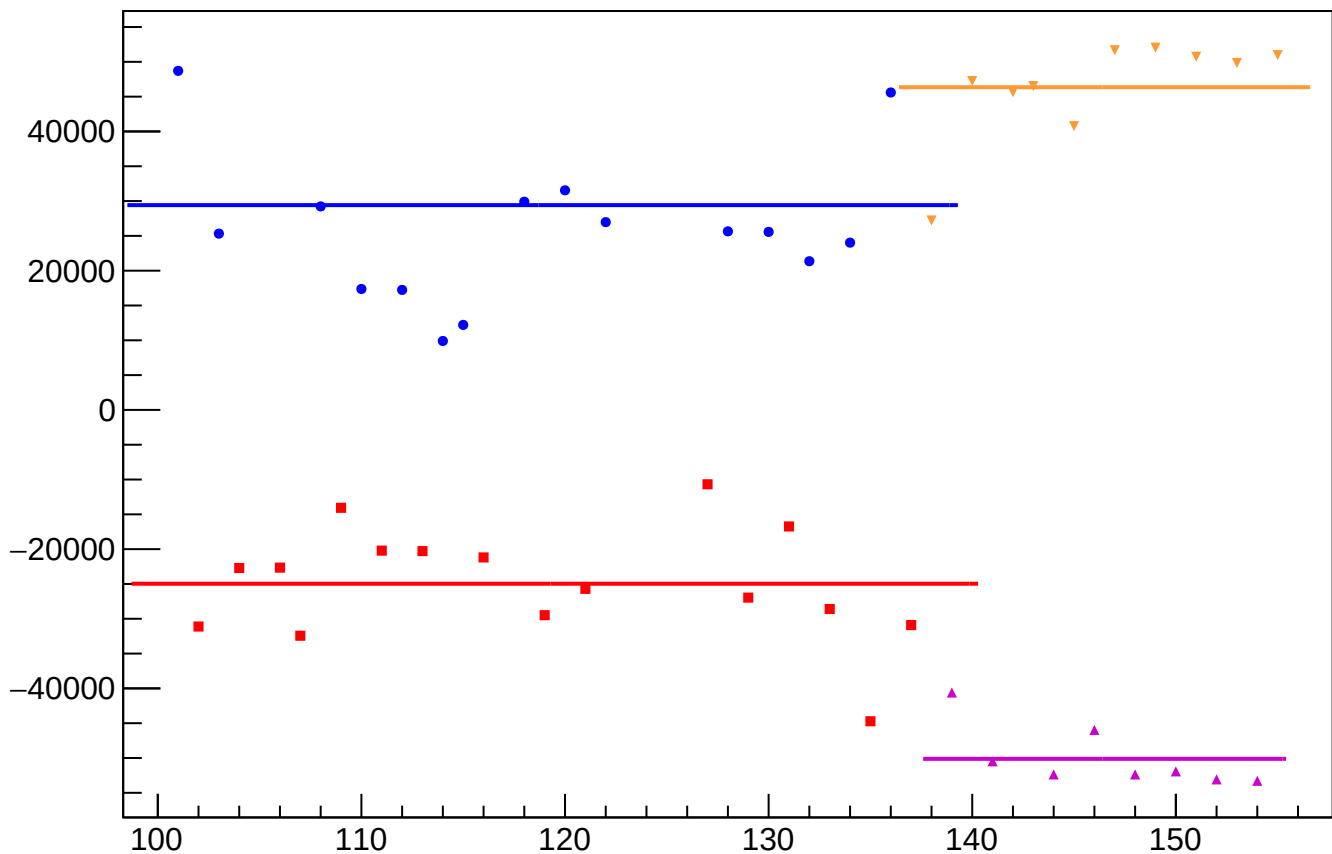
Right In: 687.939 ± 0.000 $\chi^2/\text{NDF}: 409297141104301509817753390759024787456.0/14$
 Left Out: 693.425 ± 0.000 $\chi^2/\text{NDF}: 24783292694566985083925118798220230656.0/9$
 Right Out: -1092.265 ± 0.000 $\chi^2/\text{NDF}: 1883198142929605813456233812946948456448.0/15$
 Left In: -765.105 ± 0.000 $\chi^2/\text{NDF}: 27370766552329248162271038243740844032.0/7$
 All: -102.646 ± 0.000 $\chi^2/\text{NDF}: 41862489654$

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 29415.830+/-0.000

χ^2/NDF : 71764989638928082906774979753894809174016.0/14

Left Out: 46350.728+/-0.000

χ^2/NDF : 40329480155368802769888630849525136752640.0/9

Right Out: -24963.010+/-0.000

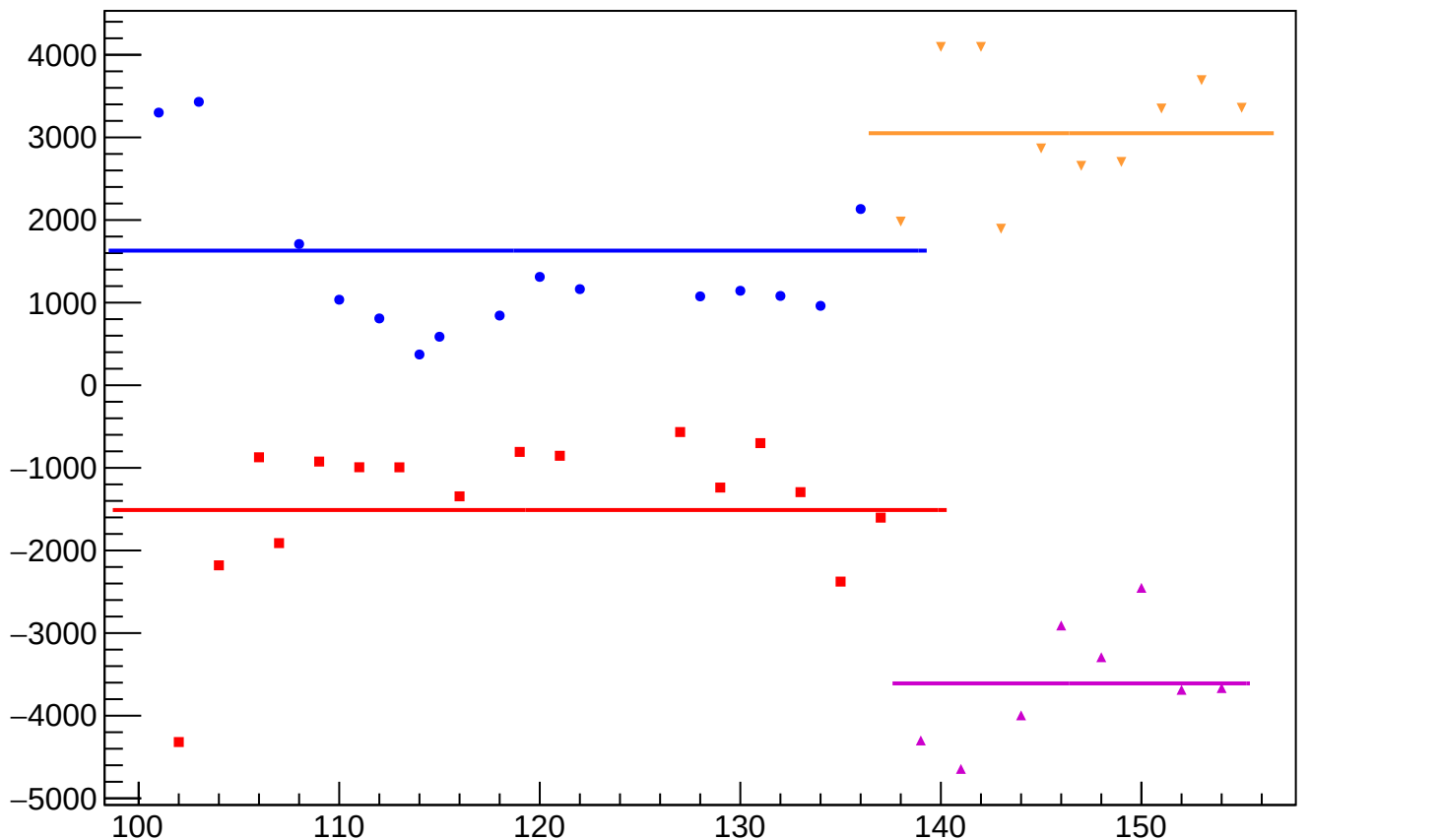
χ^2/NDF : 45631572920122171972835961685494315614208.0/15

Left In: -50122.928+/-0.000

χ^2/NDF : 11600844395861217304754549935266689187840.0/7

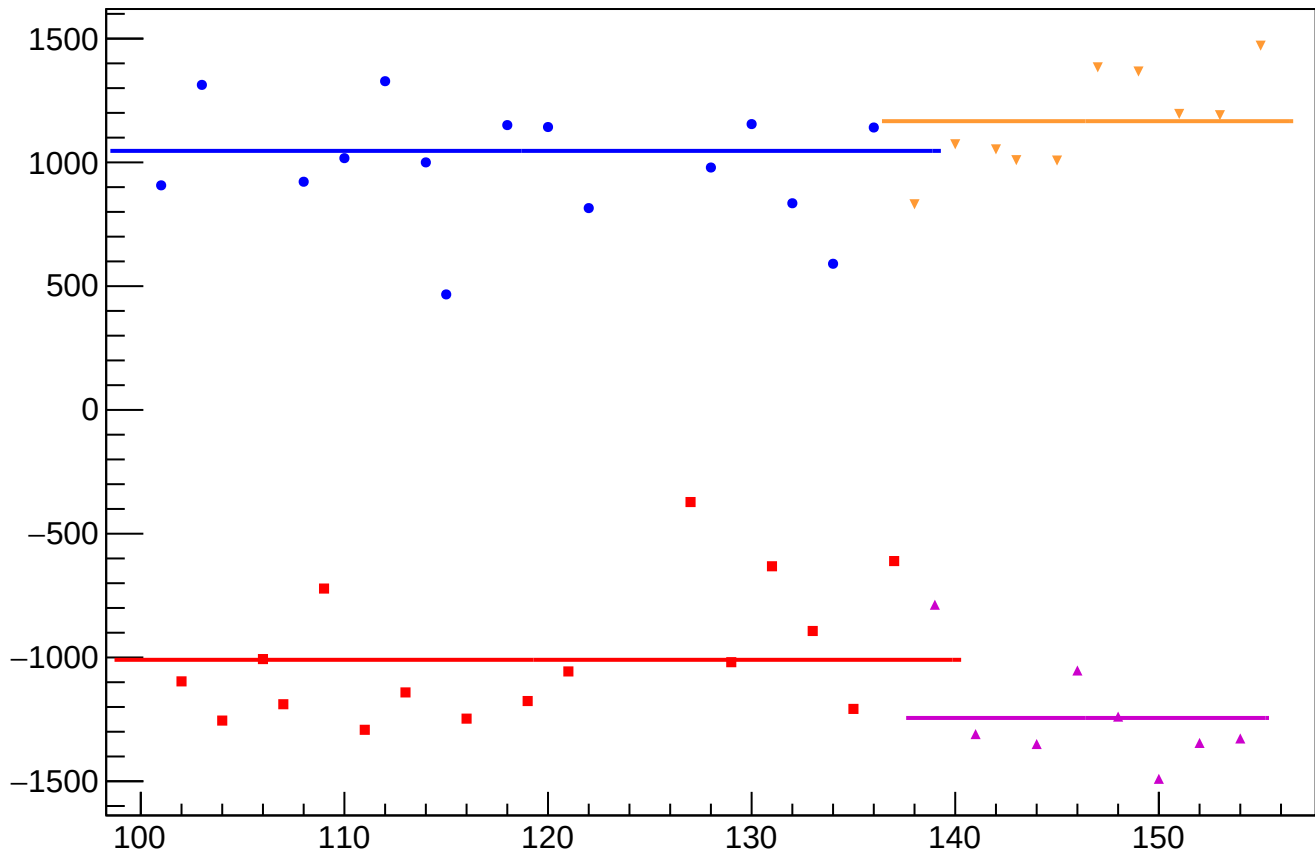
All: 1100.145+/-0.000 χ^2/NDF : 45026587327

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14
 Left Out: 3050.759 $\pm$ 0.000 χ^2 /NDF: 392981818699858491167923773653116780544.0/9
 Right Out: -1510.293 $\pm$ 0.000 χ^2 /NDF: 688231904046816211321774524619745656832.0/15
 Left In: -3608.996 $\pm$ 0.000 χ^2 /NDF: 314903735368811434582638438366201249792.0/7
 All: -44.848 $\pm$ 0.000 χ^2 /NDF: 212160025594

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1166.483+/-0.000

χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: -1009.445+/-0.000

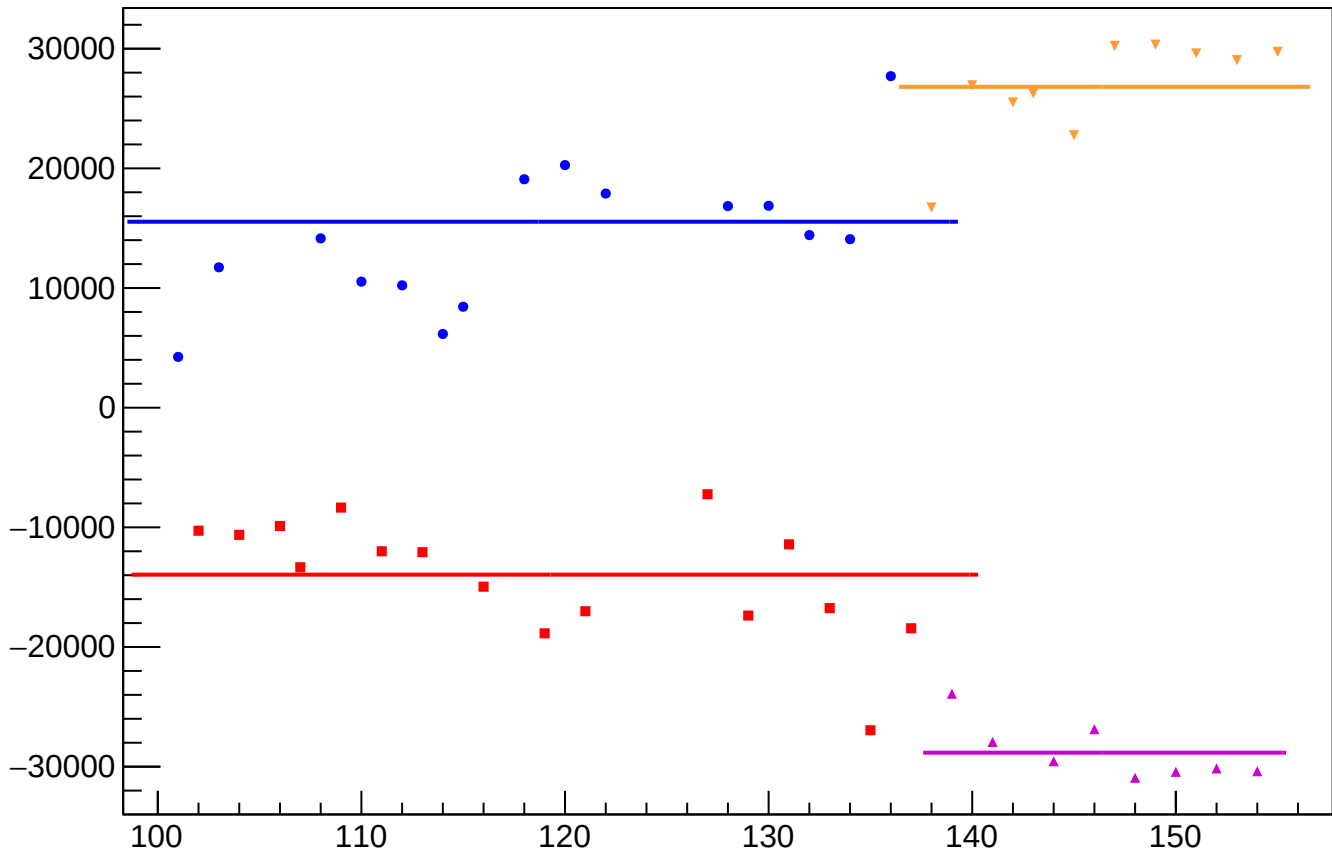
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1244.321+/-0.000

χ^2/NDF : 28343886144136596546146079788396183552.0/7

Left: 18.560+/-0.000 χ^2/NDF : 21544863055669056.0/14
 Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576.0/14
 In: -133.158+/-0.000 χ^2/NDF : 1807035388337786.0/14
 Out: 147.996+/-0.000 χ^2/NDF : 1752889539980940.0/14
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628.0/14

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787+/-0.000

χ^2/NDF : 27383635886523601832377795383509714468864.0/14

Left Out: 26813.303+/-0.000

χ^2/NDF : 13019701916662474339412259525553914118144.0/9

Right Out: -13951.799+/-0.000

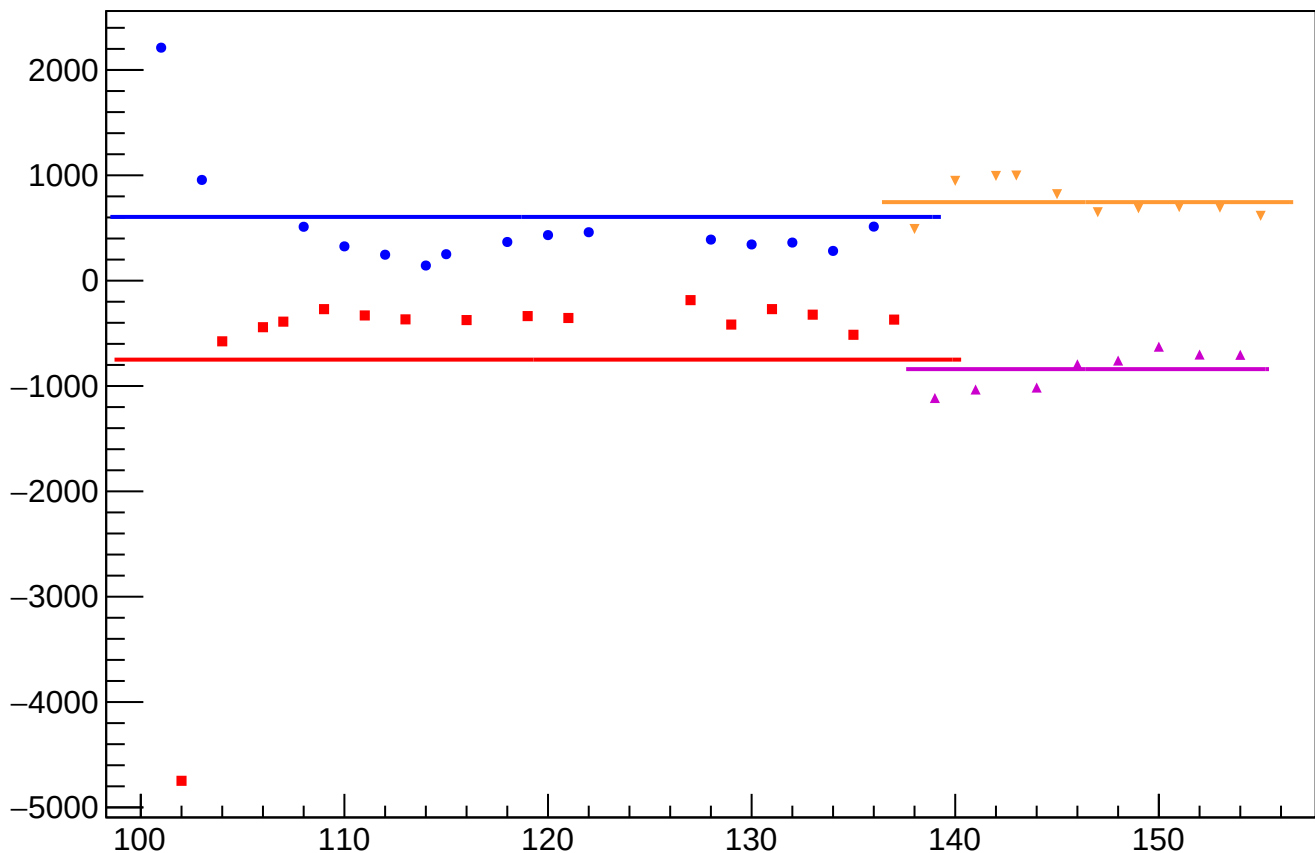
χ^2/NDF : 16954071035739584664612813430748100952064.0/15

Left In: -28829.681+/-0.000

χ^2/NDF : 3368599030603175586194039704097254277120.0/7

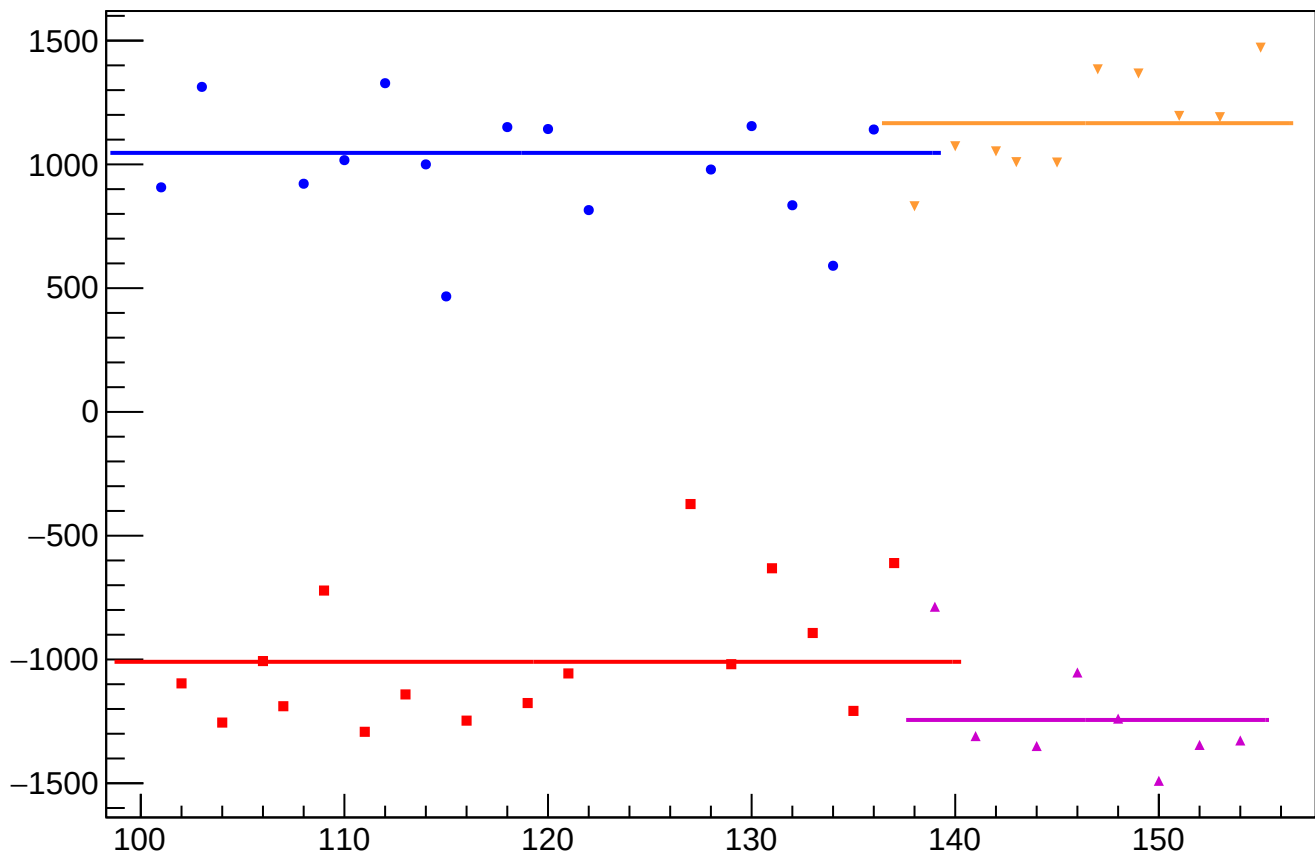
All: 449.133+/-0.000 χ^2/NDF : 146437513600

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14
 Left Out: 745.521+/-0.000 χ^2/NDF : 18754341545104706046430500830253678592.0/9
 Right Out: -749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15
 Left In: -839.759+/-0.000 χ^2/NDF : 20158584936000808260929921326874886144.0/7
 All: -43.718+/-0.000 χ^2/NDF : 276391557315

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1166.483+/-0.000

χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: -1009.445+/-0.000

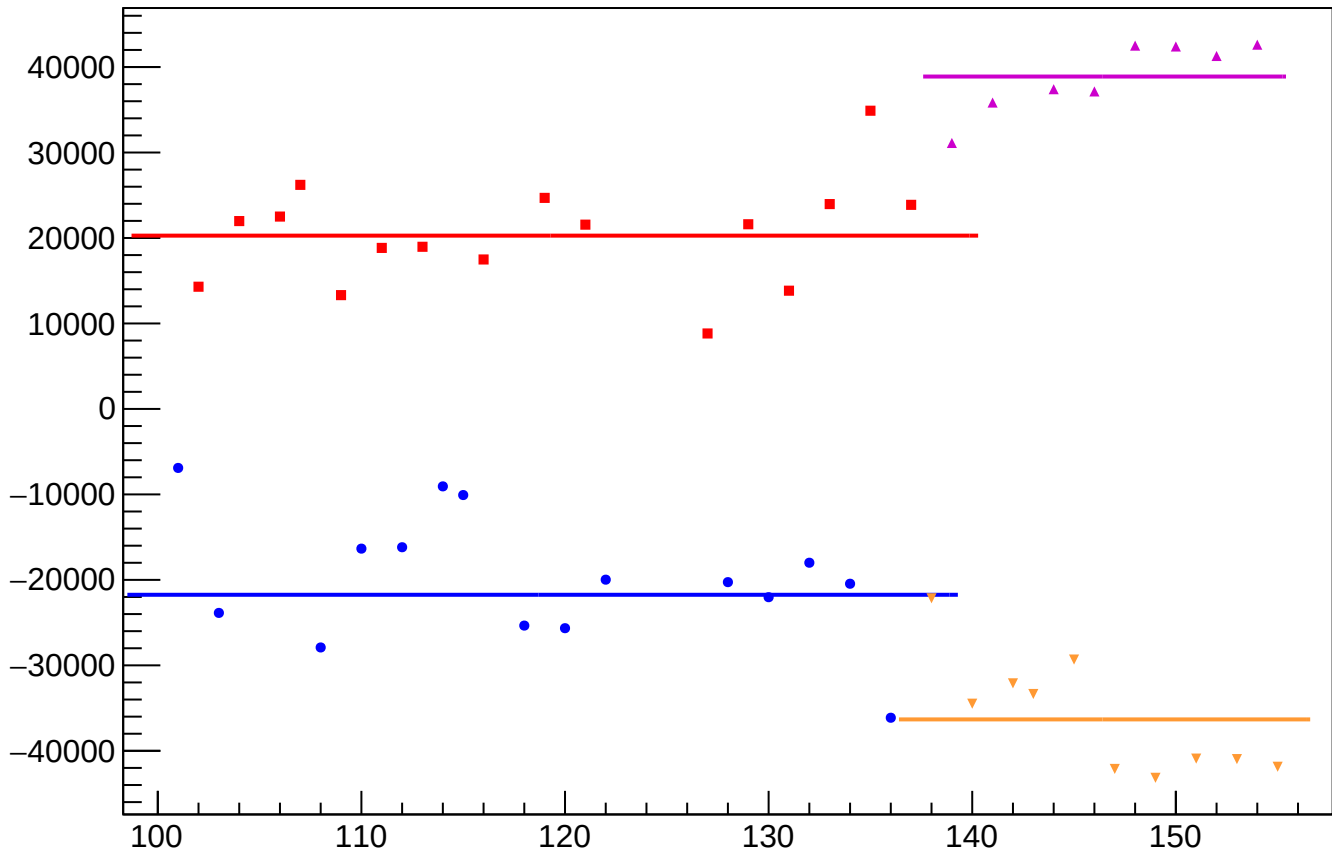
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1244.321+/-0.000

χ^2/NDF : 28343886144136596546146079788396183552.0/7

All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: -21743.360+/-0.000

χ^2/NDF : 41106858823579527325198675675398793068544.0/14

Left Out: -36324.417+/-0.000

χ^2/NDF : 33772441015173113693151956484561139924992.0/9

Right Out: 20275.415+/-0.000

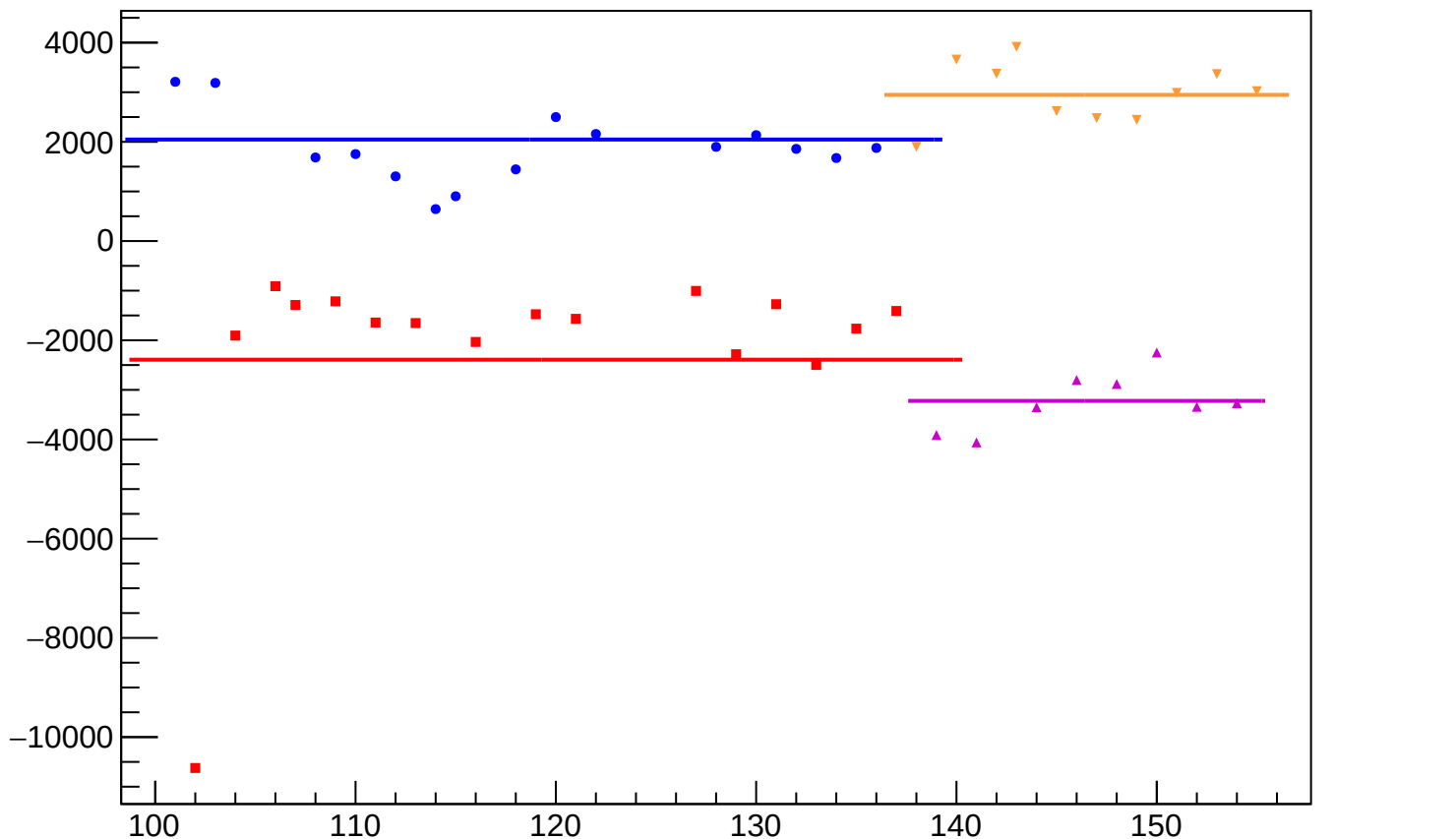
χ^2/NDF : 25935869132092920231681532417627320745984.0/15

Left In: 38889.311+/-0.000

χ^2/NDF : 10090011767998516933951818235852091293696.0/7

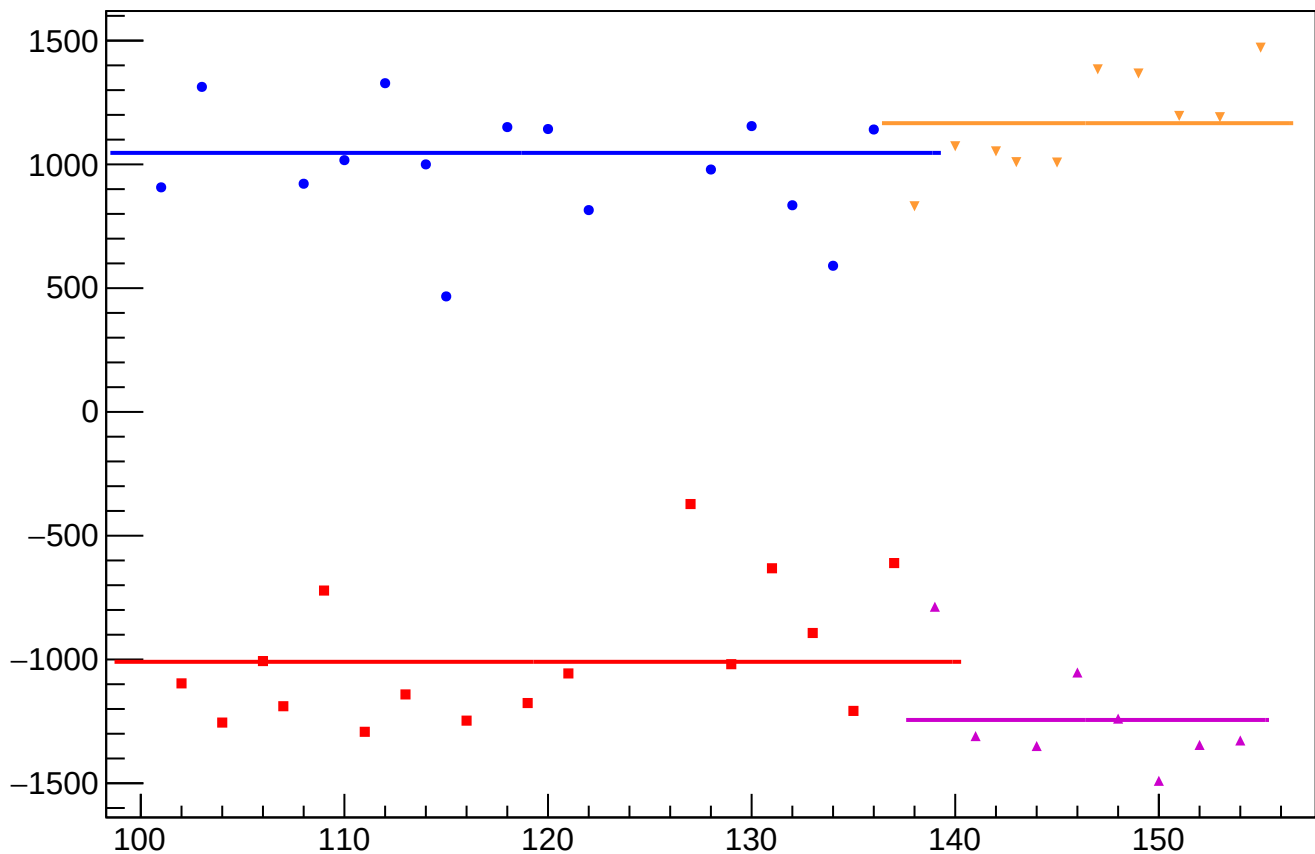
All: -480.243+/-0.000 χ^2/NDF : 27334786419

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



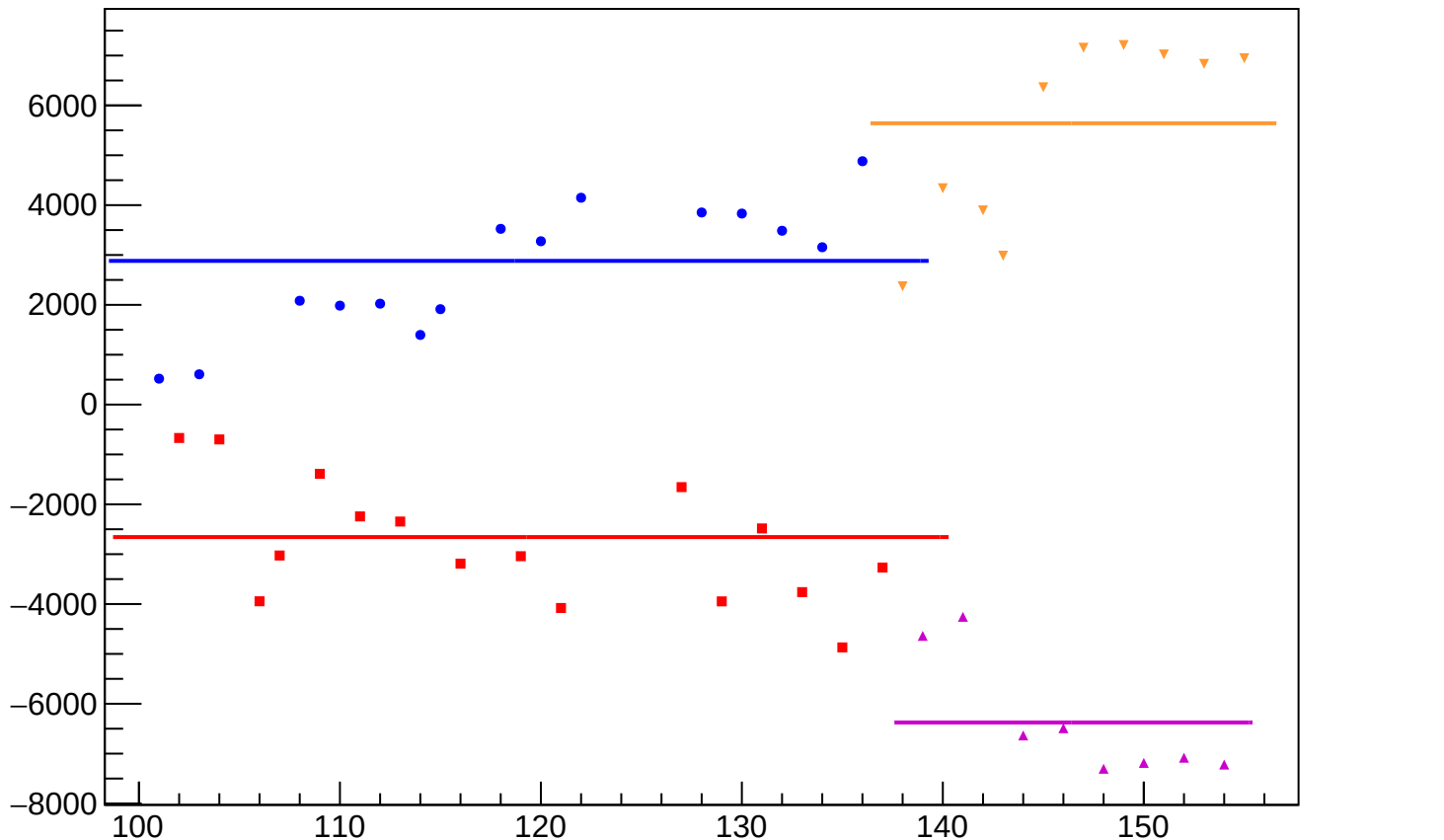
Right In: 2046.354 $\pm$ 0.000 χ^2 /NDF: 26655515927348892036833058355226345472.0/14
 Left Out: 2946.562 $\pm$ 0.000 χ^2 /NDF: 260920670377145923525874113508039196672.0/9
 Right Out: -2391.939 $\pm$ 0.000 χ^2 /NDF: 4415294964789778815259357544579499819008.0/15
 Left In: -3222.582 $\pm$ 0.000 χ^2 /NDF: 211731435672313606140172887379572424704.0/7
 All: -92.003 $\pm$ 0.000 χ^2 /NDF: 254014135404

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



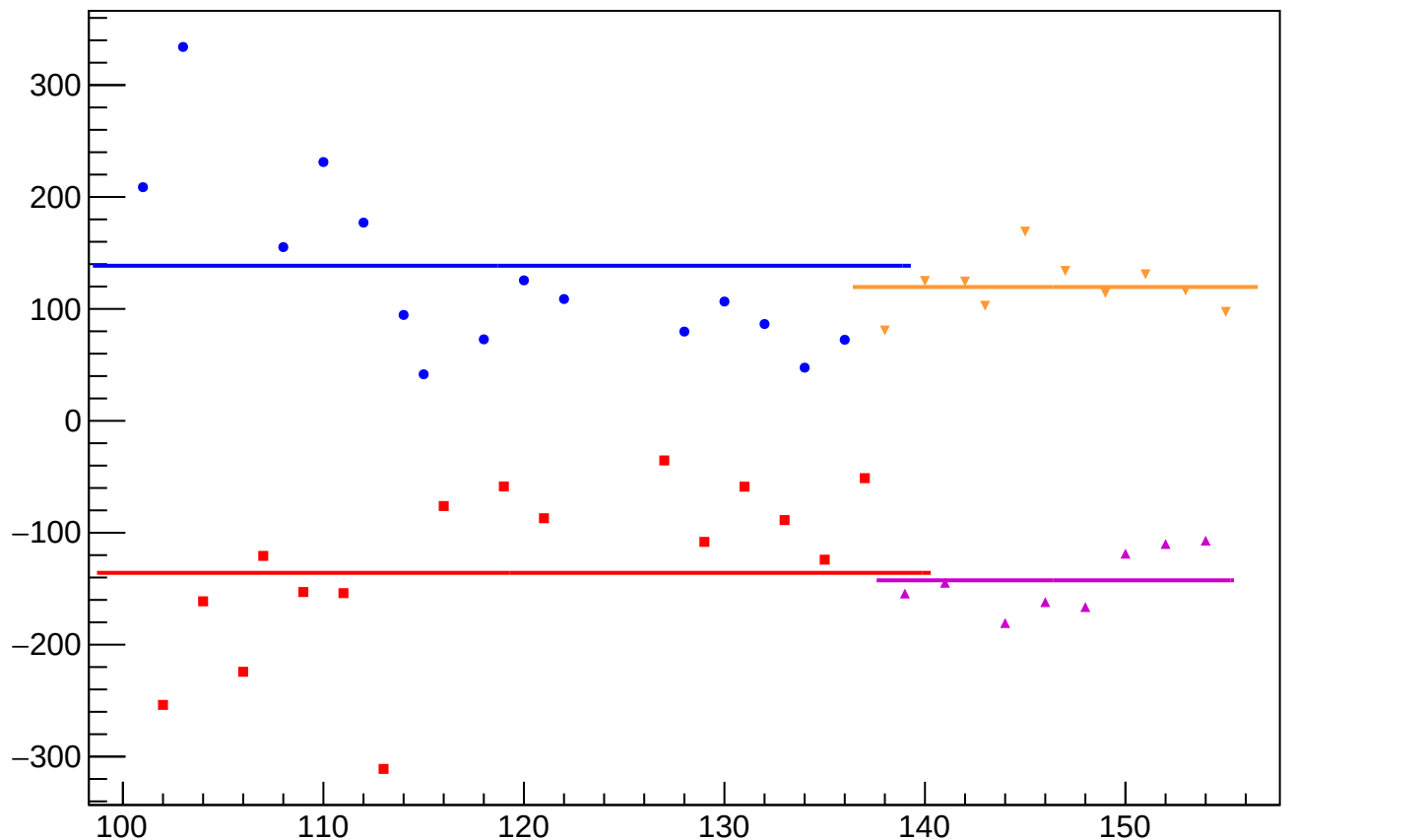
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_sam1_coil1_mean vs Slug, Sign Corrected



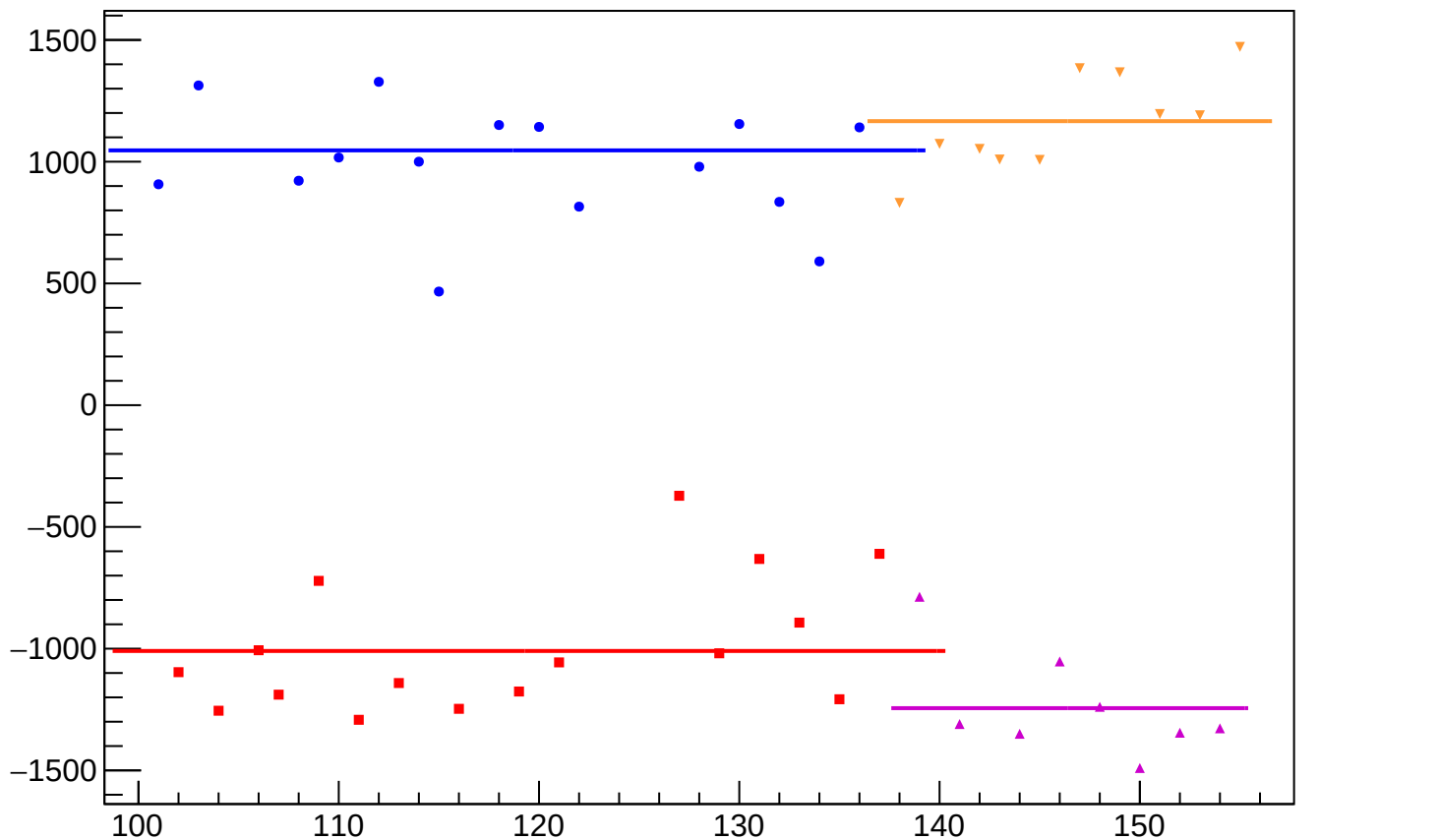
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5641.575+/-0.000 χ^2/NDF : 2416938745550667579284963981248755138560.0/9
 Right Out: -2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: -6375.351+/-0.000 χ^2/NDF : 872250928566982324375579744768117178368.0/7
 All: -6.548+/-0.000 χ^2/NDF : 6791549851284

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



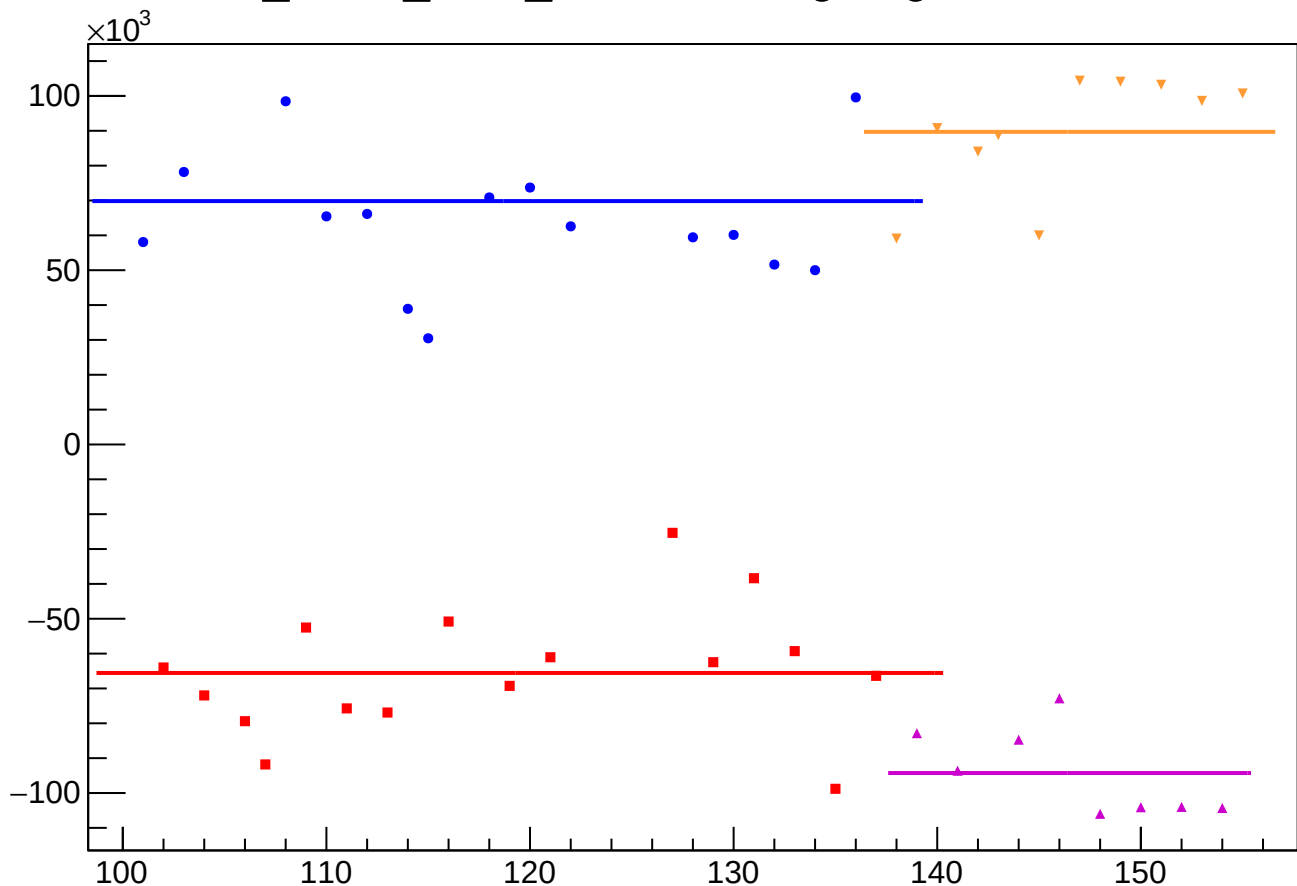
Right In: 138.577 $\pm$ 0.000 χ^2 /NDF: 4242369889979811373883774021335515136.0/14
 Left Out: 119.579 $\pm$ 0.000 χ^2 /NDF: 407547198693535791926980199560773632.0/9
 Right Out: -135.809 $\pm$ 0.000 χ^2 /NDF: 3956401741862524263243160868173643776.0/15
 Left In: -142.485 $\pm$ 0.000 χ^2 /NDF: 475749759034764175431521607822082048.0/7
 All: -2.960 $\pm$ 0.000 χ^2 /NDF: 5864998829590

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 69827.797 $\pm$ 0.000

Left Out: 89693.015 $\pm$ 0.000

Right Out: -65555.147 $\pm$ 0.000

Left In: -94264.148 $\pm$ 0.000

χ^2 /NDF: 187803282116493131197684060541288926150656.0/14

χ^2 /NDF: 210899593256885977774607856149828078665728.0/9

χ^2 /NDF: 212001467811386750910625783195999741673472.0/15

χ^2 /NDF: 94343064217856917752993216086522160218112.0/7

Left: 2100.420 $\pm$ 0.000 χ^2 /NDF: 125191129276682

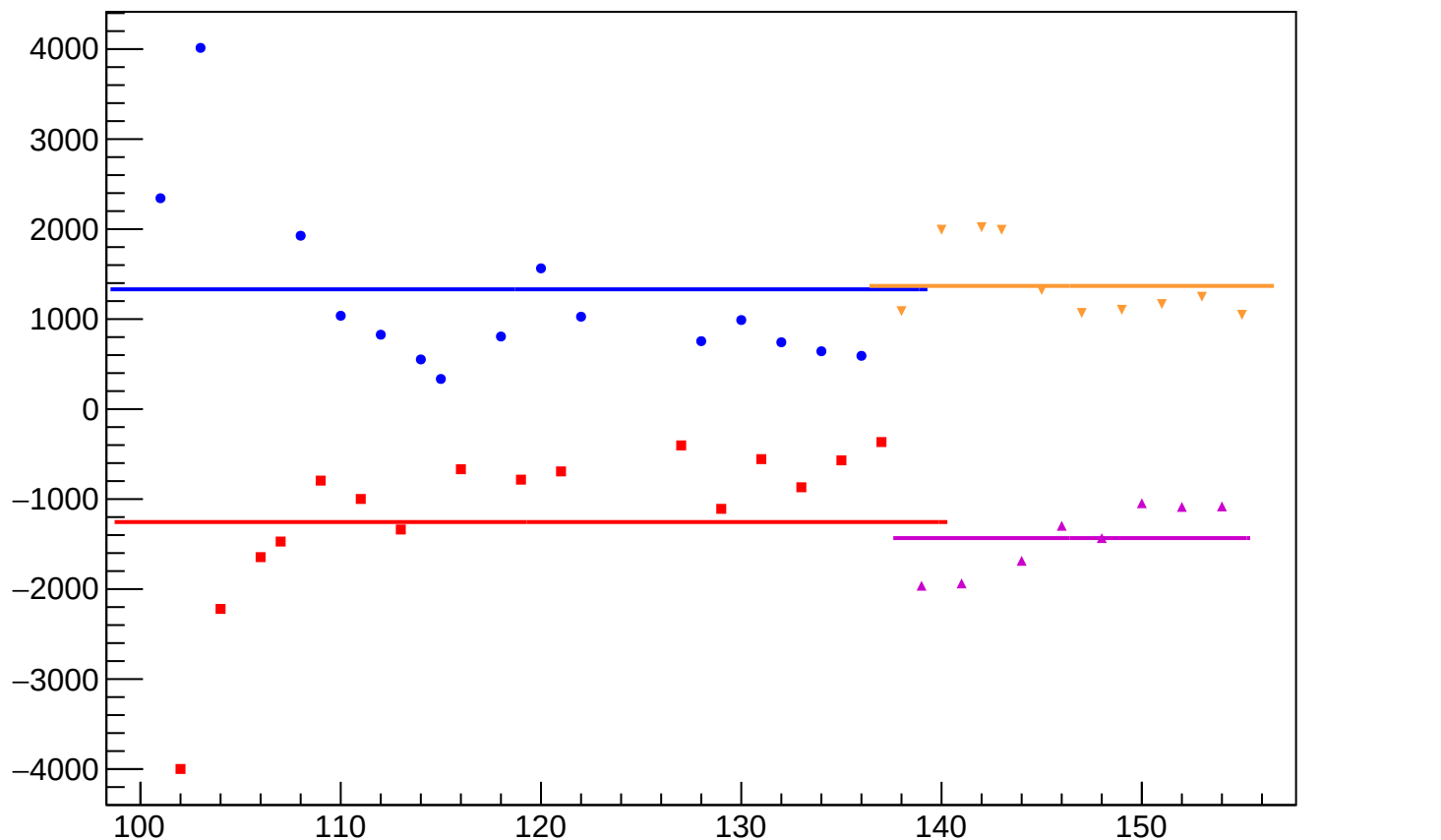
Right: 1210.454 $\pm$ 0.000 χ^2 /NDF: 64287668357099

In: -14670.970 $\pm$ 0.000 χ^2 /NDF: 92808993410266

Out: 17025.980 $\pm$ 0.000 χ^2 /NDF: 89742201512068

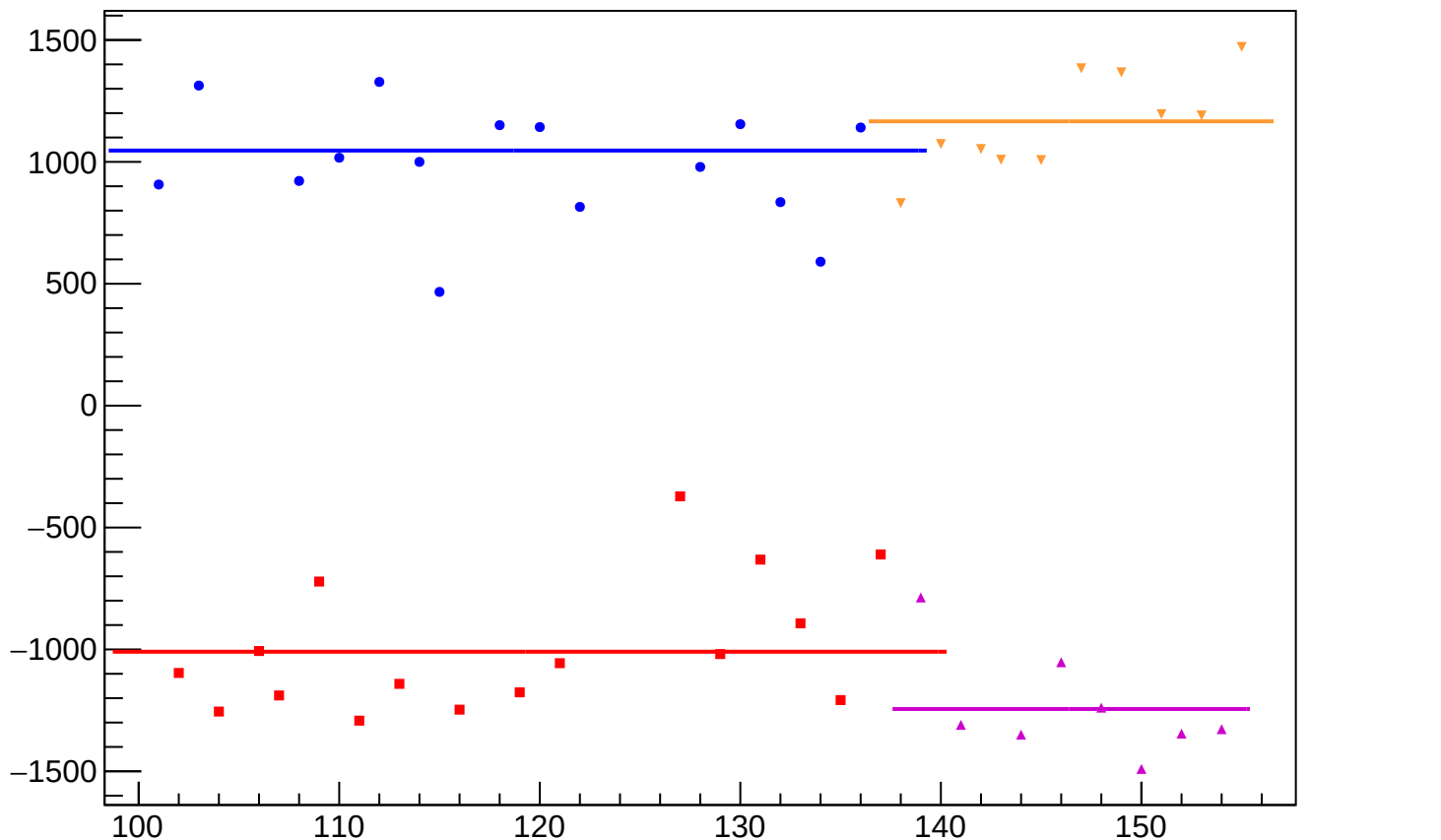
All: 1676.534 $\pm$ 0.000 χ^2 /NDF: 18948425635

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



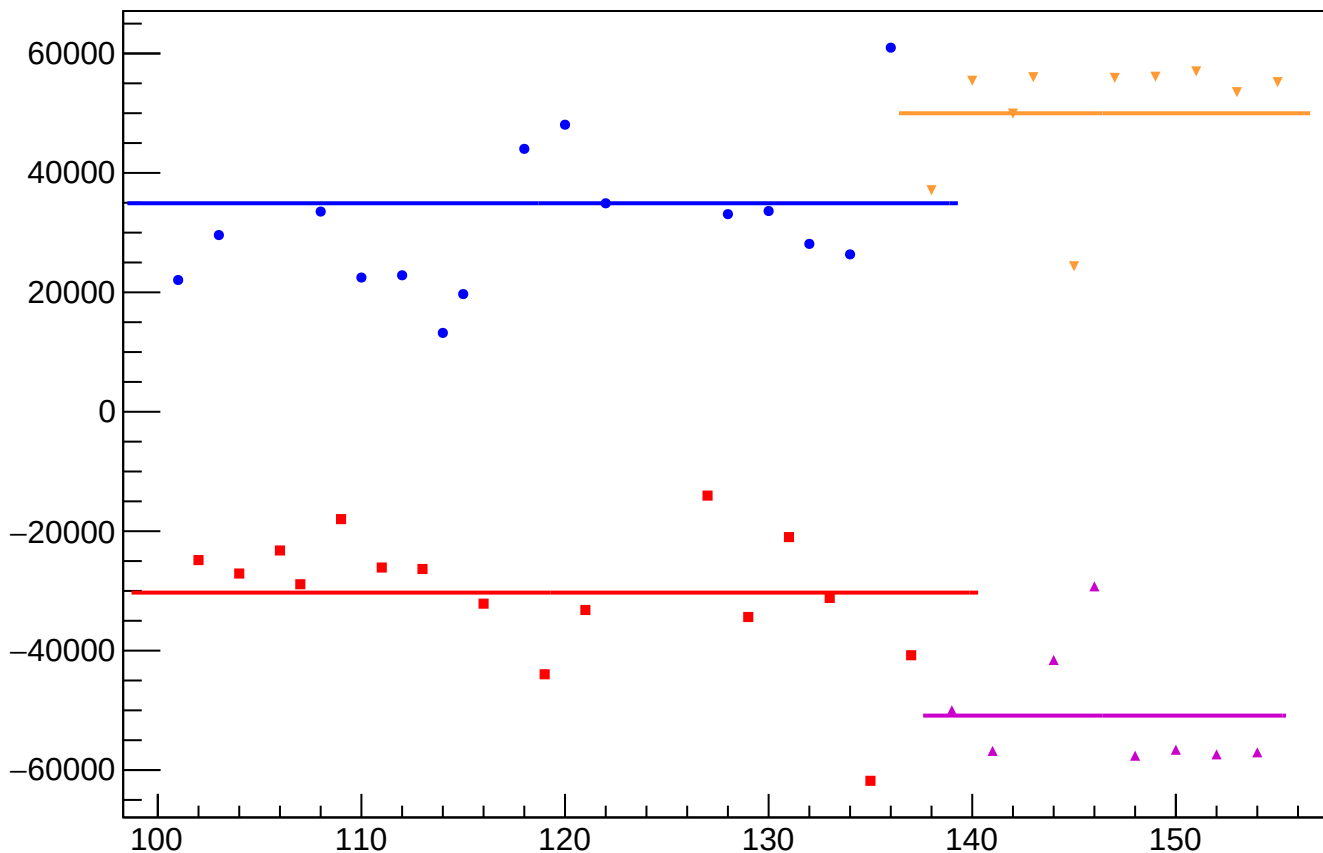
Right In: 1330.956 +/- 0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1368.793 +/- 0.000 χ^2/NDF : 109392103217306921427746915218240831488.0/9
 Right Out: -1254.871 +/- 0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: -1433.252 +/- 0.000 χ^2/NDF : 86616416746380836886752441714138415104.0/7
 All: 27.805 +/- 0.000 χ^2/NDF : 6511024262994

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



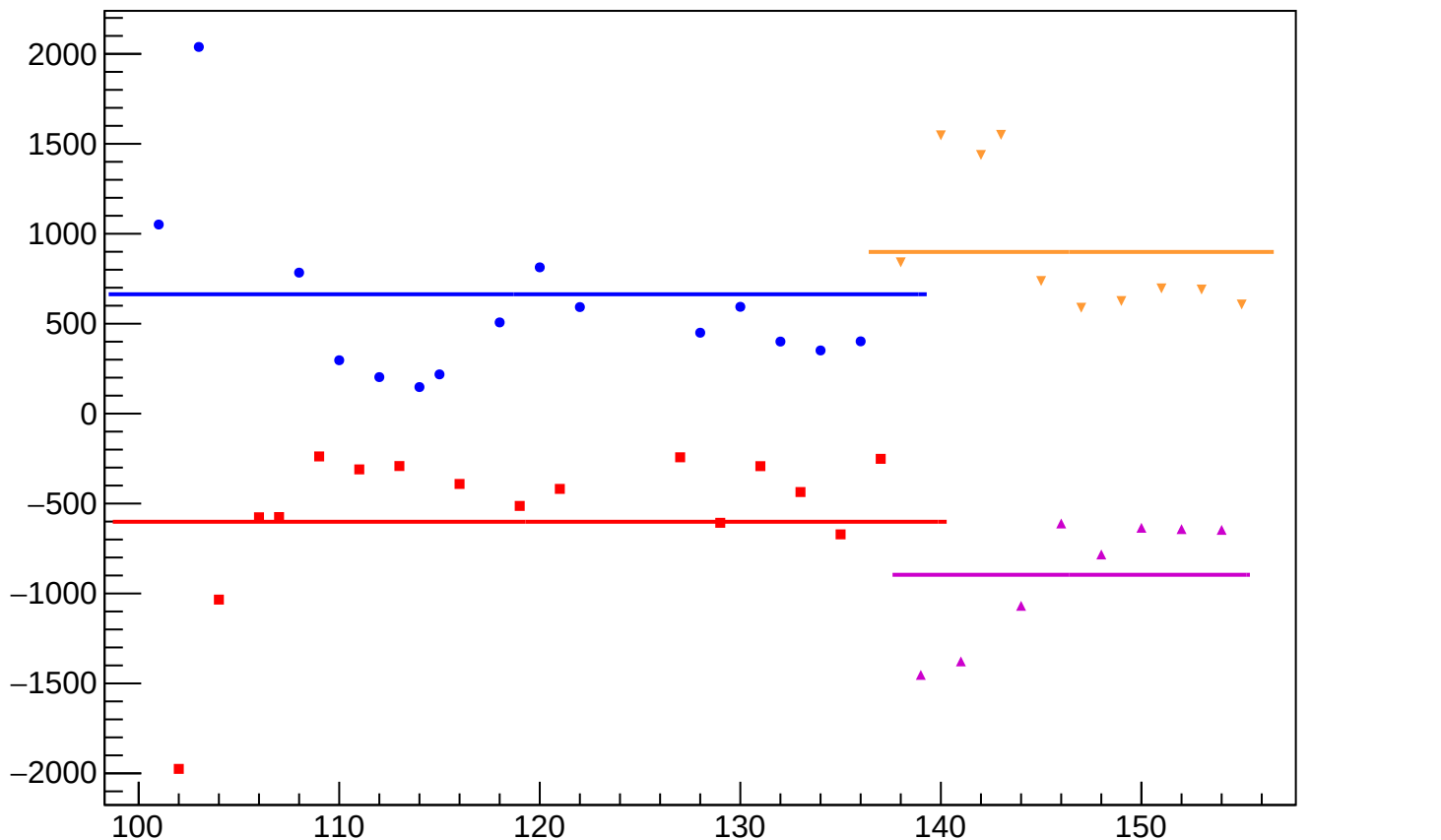
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_sam3_coil1_mean vs Slug, Sign Corrected



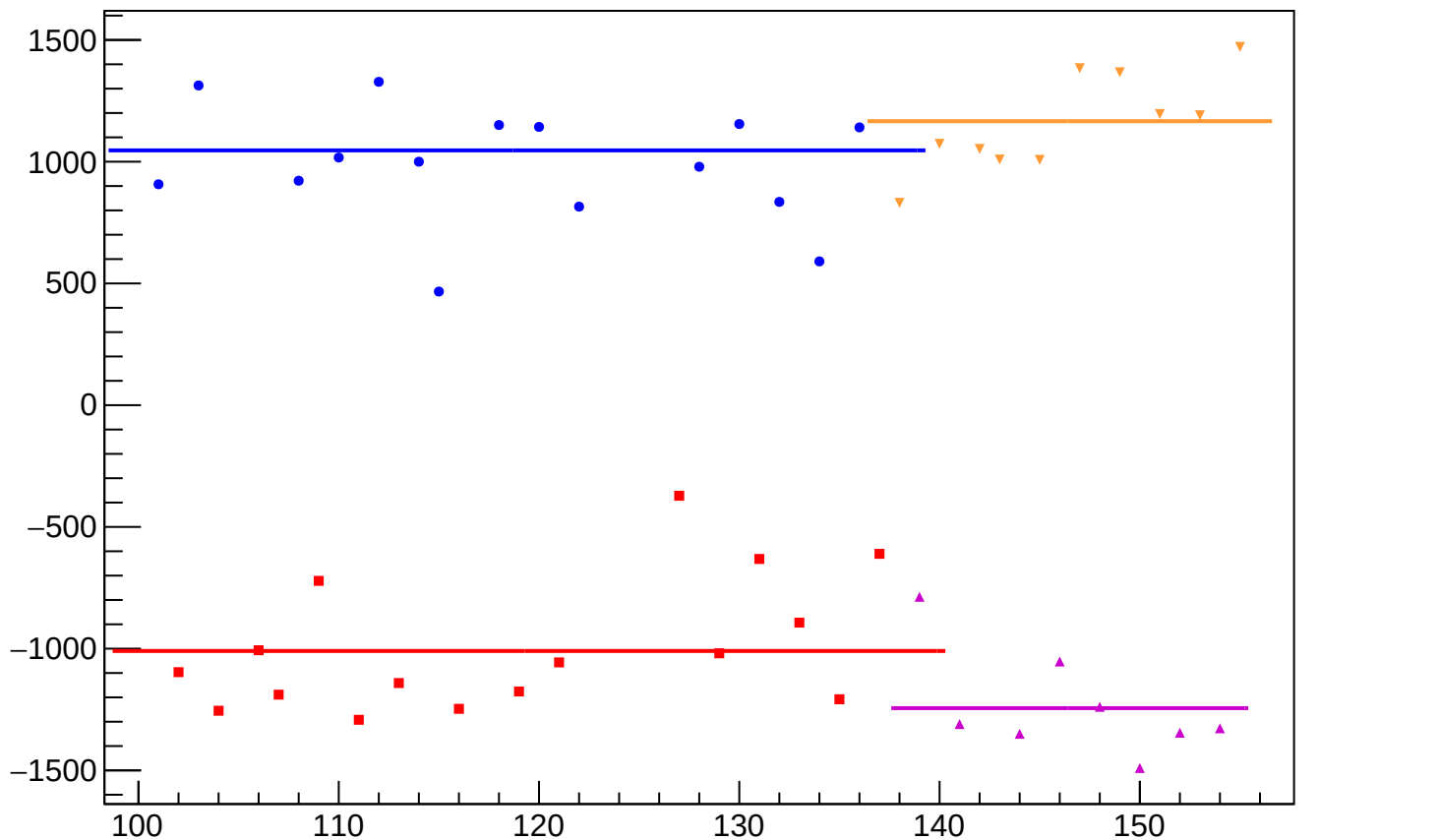
Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 49989.685+/-0.000 χ^2/NDF : 83899048027911534929930680062909037412352.0/9
 Right Out: -30282.373+/-0.000 χ^2/NDF : 88346165266593126627598951693506073067520.0/15
 Left In: -50878.326+/-0.000 χ^2/NDF : 63435191233370861075242107459237744476160.0/7
 All: 1918.772+/-0.000 χ^2/NDF : 5412697305

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



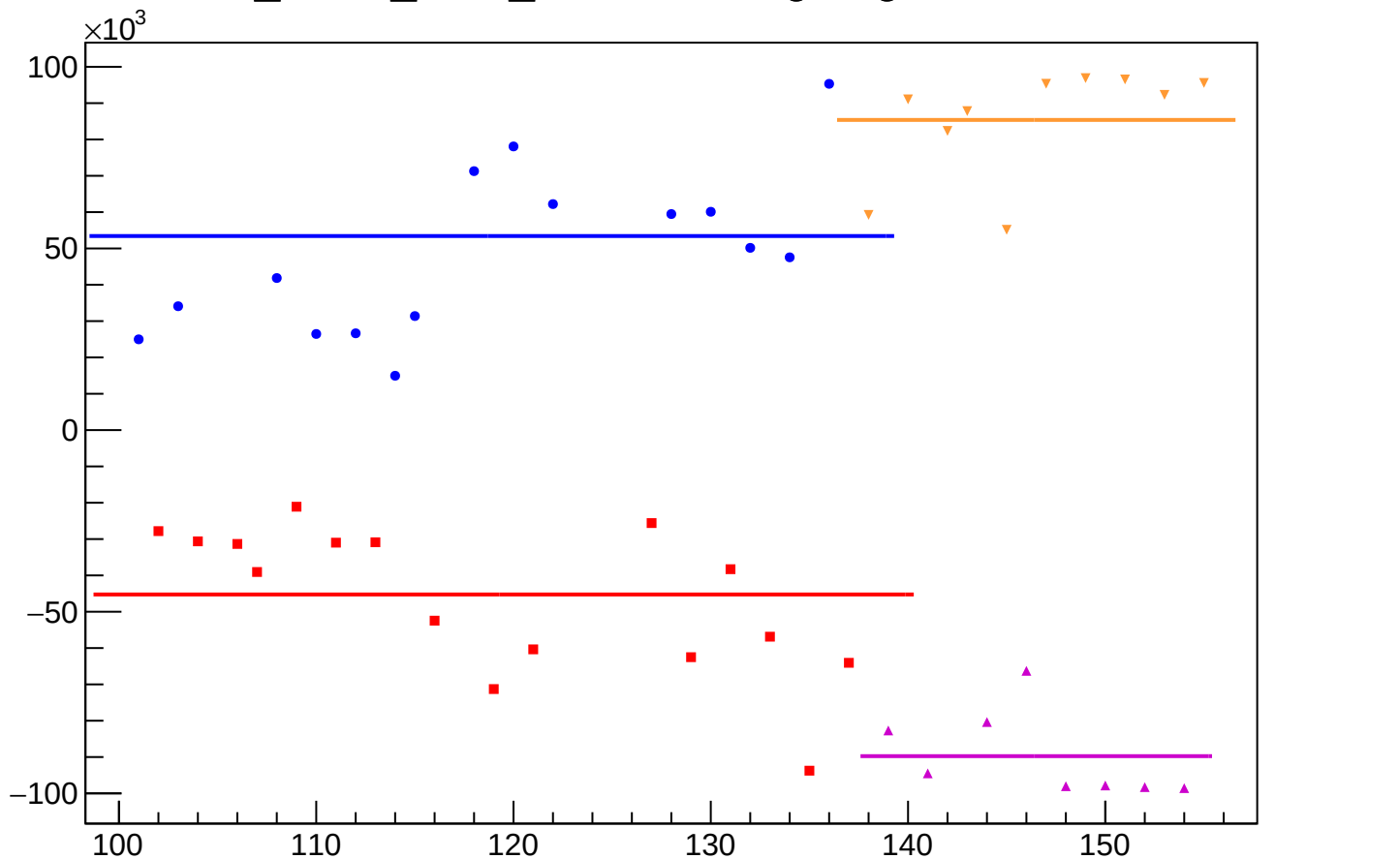
Left: 44.208 +/- 0.000 χ^2/NDF : 13416422364365154
 Right In: 663.574 +/- 0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14
 Right: 22.529 +/- 0.000 χ^2/NDF : 8336101395091641
 Left Out: 898.910 +/- 0.000 χ^2/NDF : 106078808539347939933769960623934799872.0/9
 In: -139.570 +/- 0.000 χ^2/NDF : 1043299318422342
 Right Out: -601.216 +/- 0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15
 Out: 196.746 +/- 0.000 χ^2/NDF : 1054224681120962
 Left In: -896.088 +/- 0.000 χ^2/NDF : 72649021093431098026649438354904449024.0/7
 All: 33.883 +/- 0.000 χ^2/NDF : 2175576294817

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



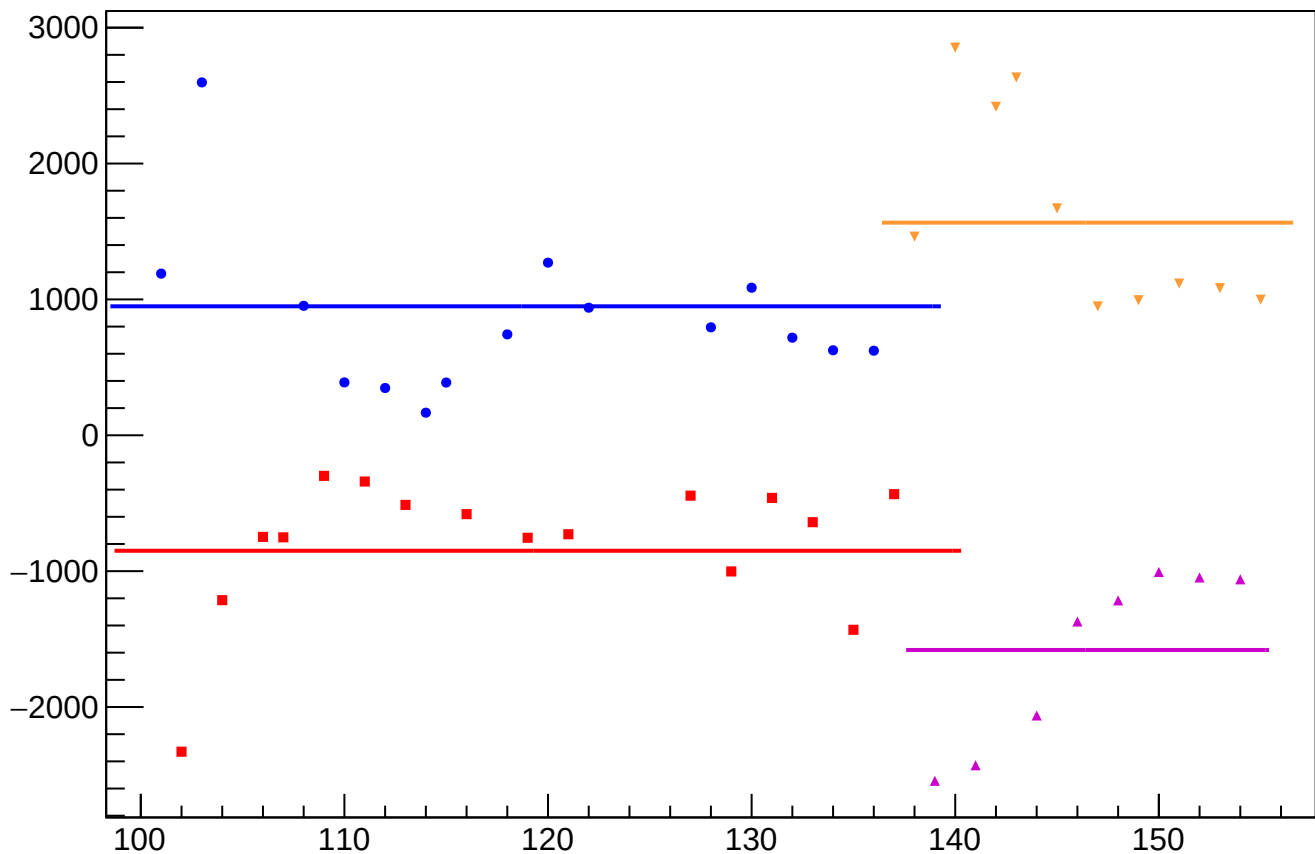
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452 $\pm$ 0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 85379.885 $\pm$ 0.000 χ^2/NDF : 171595509788069479321318865910556176416768.0/9
 Right Out: -45247.617 $\pm$ 0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: -89750.326 $\pm$ 0.000 χ^2/NDF : 84451837409429374680320749676144139173888.0/7
 All: 2667.748 $\pm$ 0.000 χ^2/NDF : 15176468331

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 949.197 $\pm$ 0.000

χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left: 67.445 $\pm$ 0.000 χ^2/NDF : 41865799420224684

Right: 37.382 $\pm$ 0.000 χ^2/NDF : 1494917928354426

Left Out: 1565.035 $\pm$ 0.000

χ^2/NDF : 365611437528686231220706319806121377792.0/9

In: -353.270 $\pm$ 0.000 χ^2/NDF : 2614397354497683

Right Out: -849.827 $\pm$ 0.000

χ^2/NDF : 204622224261577247702227312745197338624.0/15

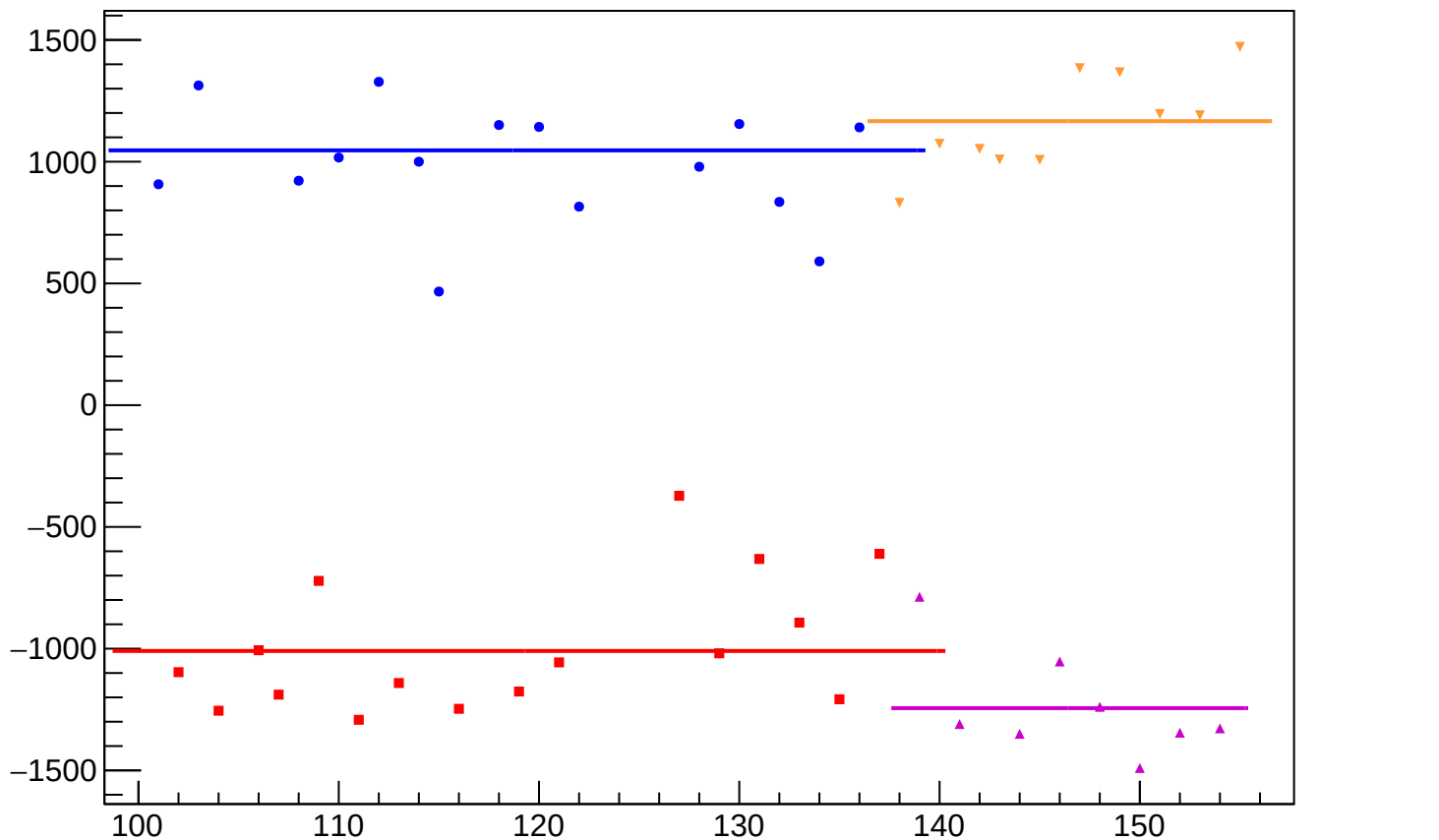
Out: 434.710 $\pm$ 0.000 χ^2/NDF : 2639253262624209

Left In: -1580.122 $\pm$ 0.000

χ^2/NDF : 250670626901582989527393769784141152256.0/7

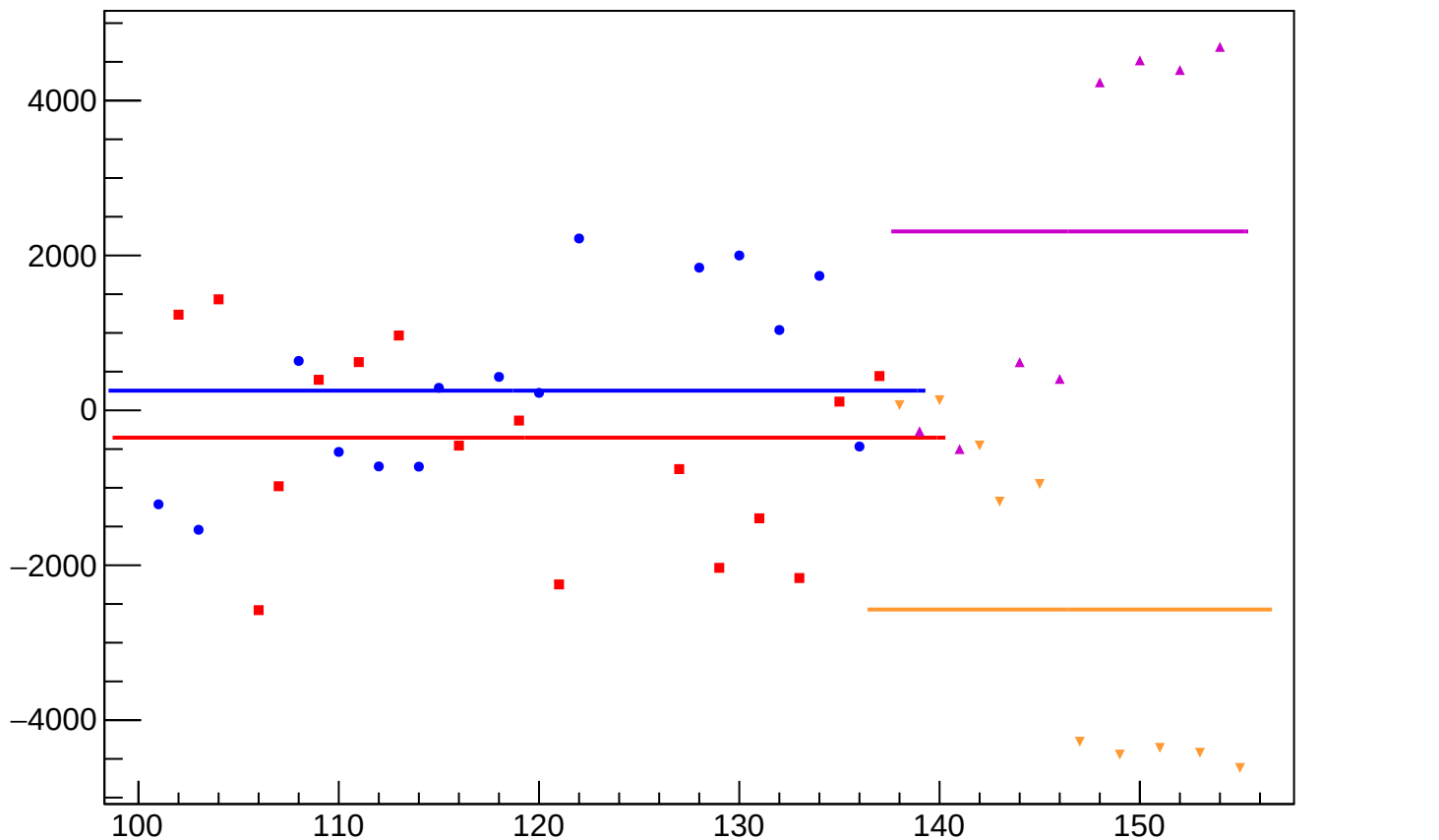
All: 53.126 $\pm$ 0.000 χ^2/NDF : 5682120749551

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



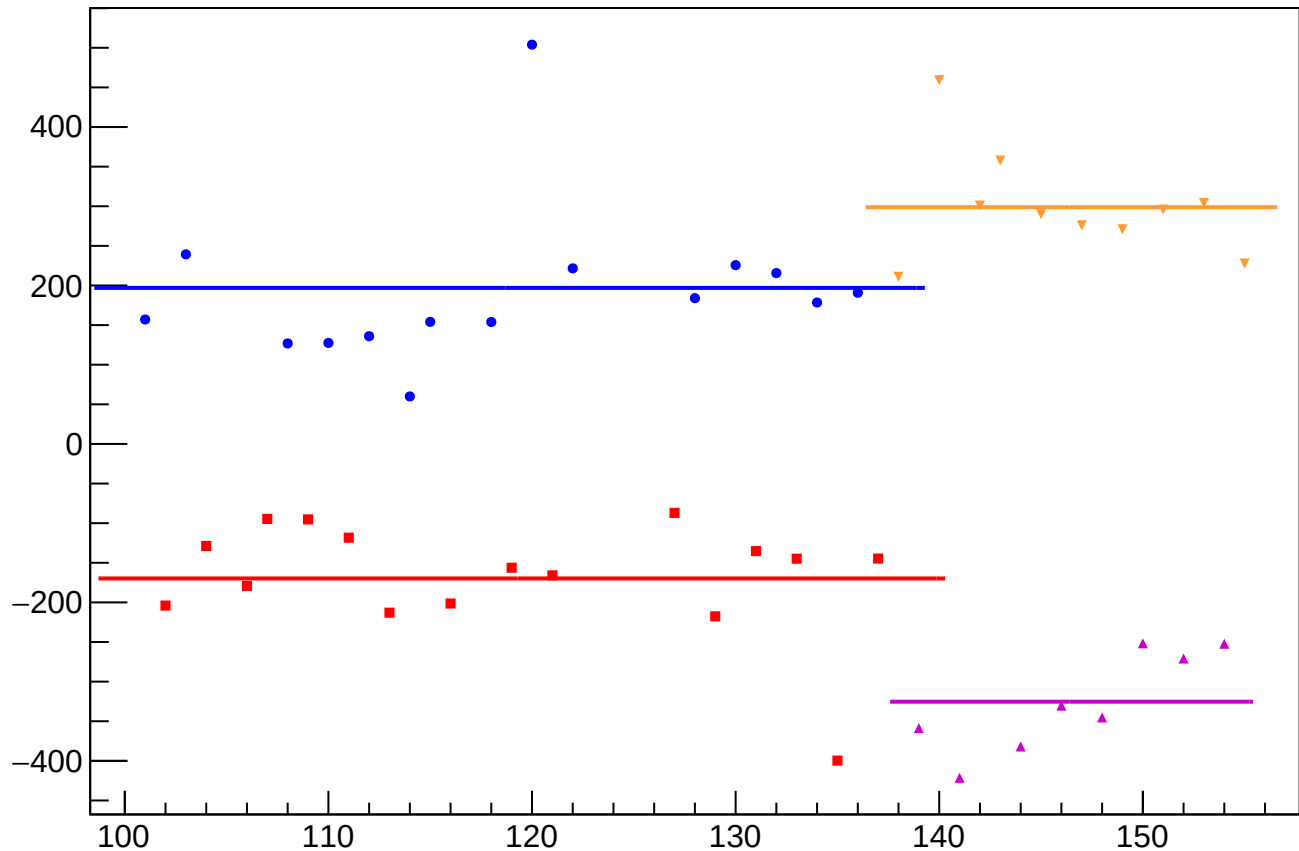
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -246.942 ± 0.000 $\chi^2/\text{NDF}: 150898532763531$
 Right In: 254.578 ± 0.000 $\chi^2/\text{NDF}: 978402113531006640741569223967249530880.0/14$
 Right: -53.015 ± 0.000 $\chi^2/\text{NDF}: 220036732540735$
 Left Out: -2571.467 ± 0.000 $\chi^2/\text{NDF}: 3084577208219758708001349734571838537728.0/9$
 In: 1313.205 ± 0.000 $\chi^2/\text{NDF}: 5794356960394712$
 Right Out: -352.308 ± 0.000 $\chi^2/\text{NDF}: 1100813647101508513447529068154010468352.0/15$
 Out: -1532.745 ± 0.000 $\chi^2/\text{NDF}: 59326487160820$
 Left In: 2310.373 ± 0.000 $\chi^2/\text{NDF}: 3403523723154192096821482374544276586496.0/7$
 All: -154.576 ± 0.000 $\chi^2/\text{NDF}: 17316139617$

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 196.955+/-0.000

χ^2/NDF : 4485245160329657914621372425838788608.0/14

Left Out: 298.804+/-0.000

χ^2/NDF : 3459084385511860340774198871322525696.0/9

Right Out: -169.778+/-0.000

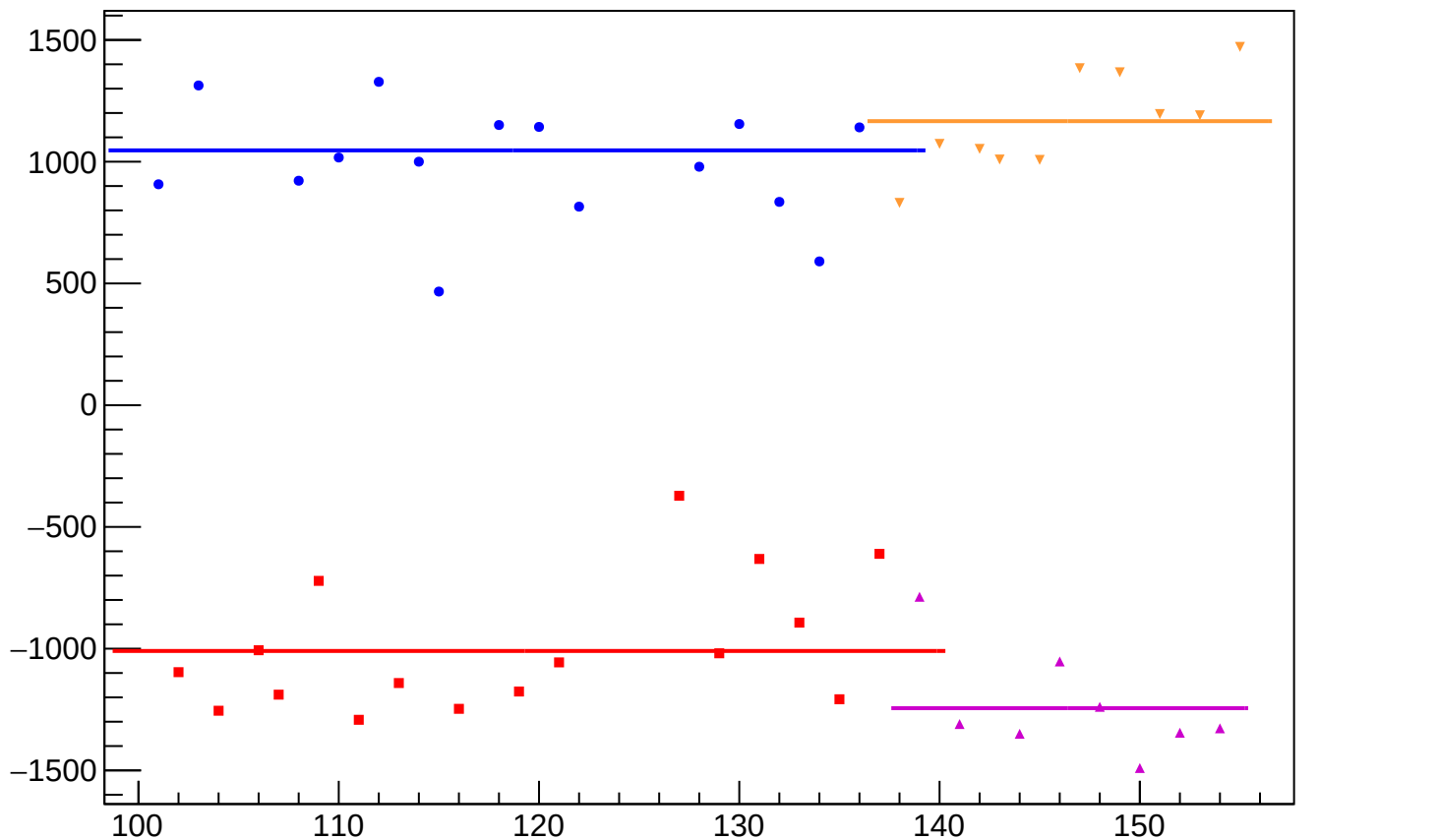
χ^2/NDF : 3892609445494845784493558646385410048.0/15

Left In: -325.338+/-0.000

χ^2/NDF : 2421608752249302792719094693817745408.0/7

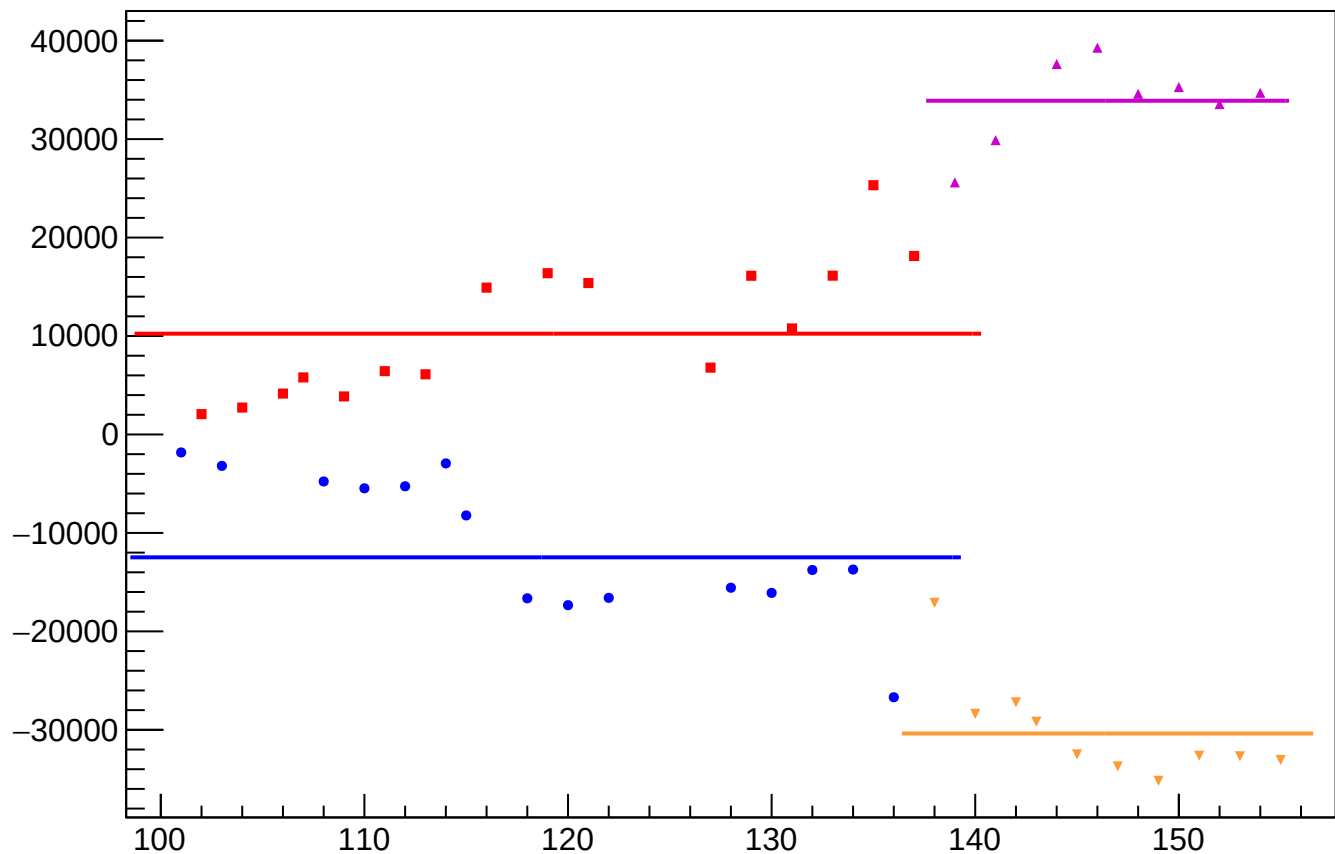
All: 6.123+/-0.000 χ^2/NDF : 19916050786799

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: -12479.653+/-0.000

Left Out: -30369.376+/-0.000

Right Out: 10238.098+/-0.000

Left In: 33894.894+/-0.000

χ^2/NDF : 41178633231253805317353333973475271901184.0/14

χ^2/NDF : 19219400755857935277097731715493202493440.0/9

χ^2/NDF : 31227861126159534031961501923223718068224.0/15

χ^2/NDF : 10867764879080526923511766445745070145536.0/7

Left: 230.542+/-0.000 χ^2/NDF : 1520680126653468

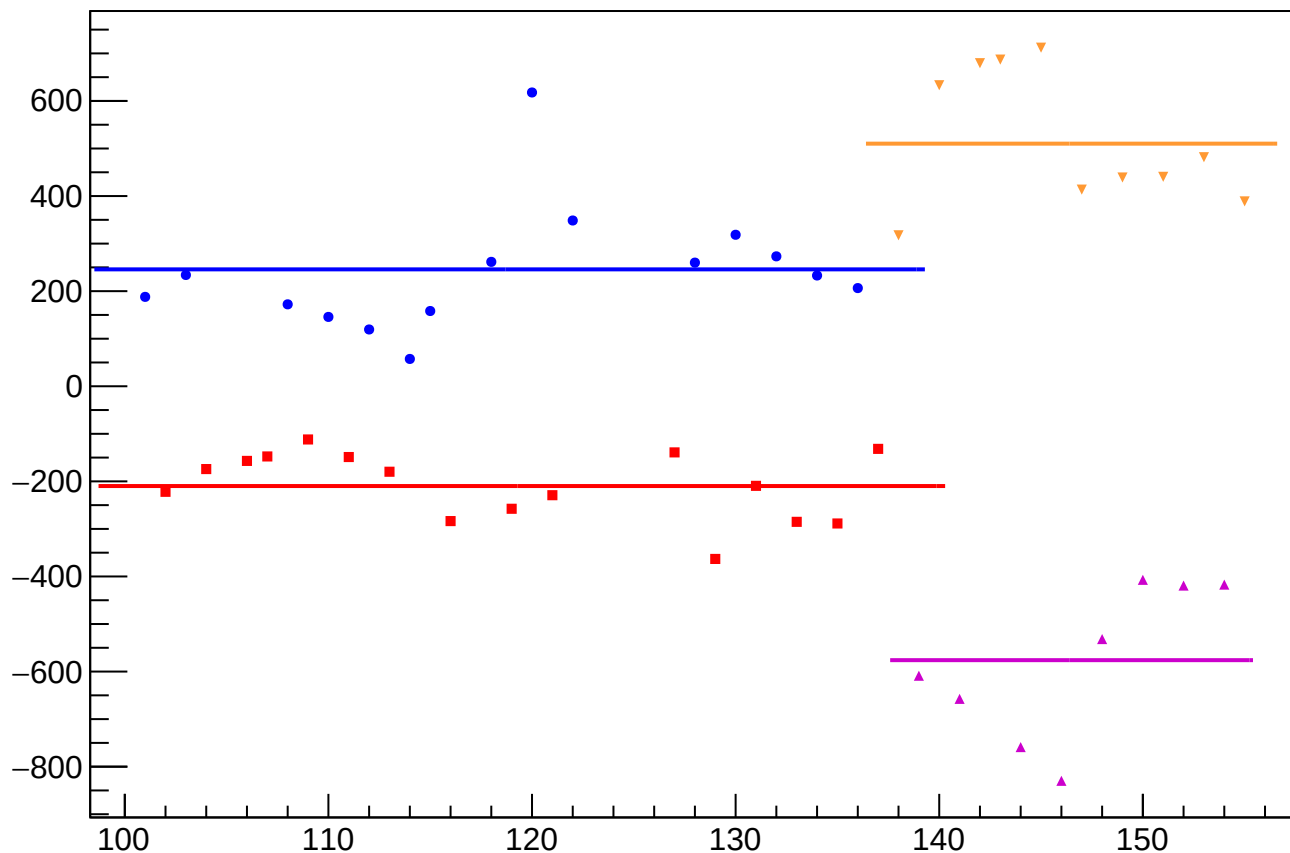
Right: -965.413+/-0.000 χ^2/NDF : 24217037814564

In: 11400.813+/-0.000 χ^2/NDF : 770778718574556

Out: -11362.229+/-0.000 χ^2/NDF : 6354961106858

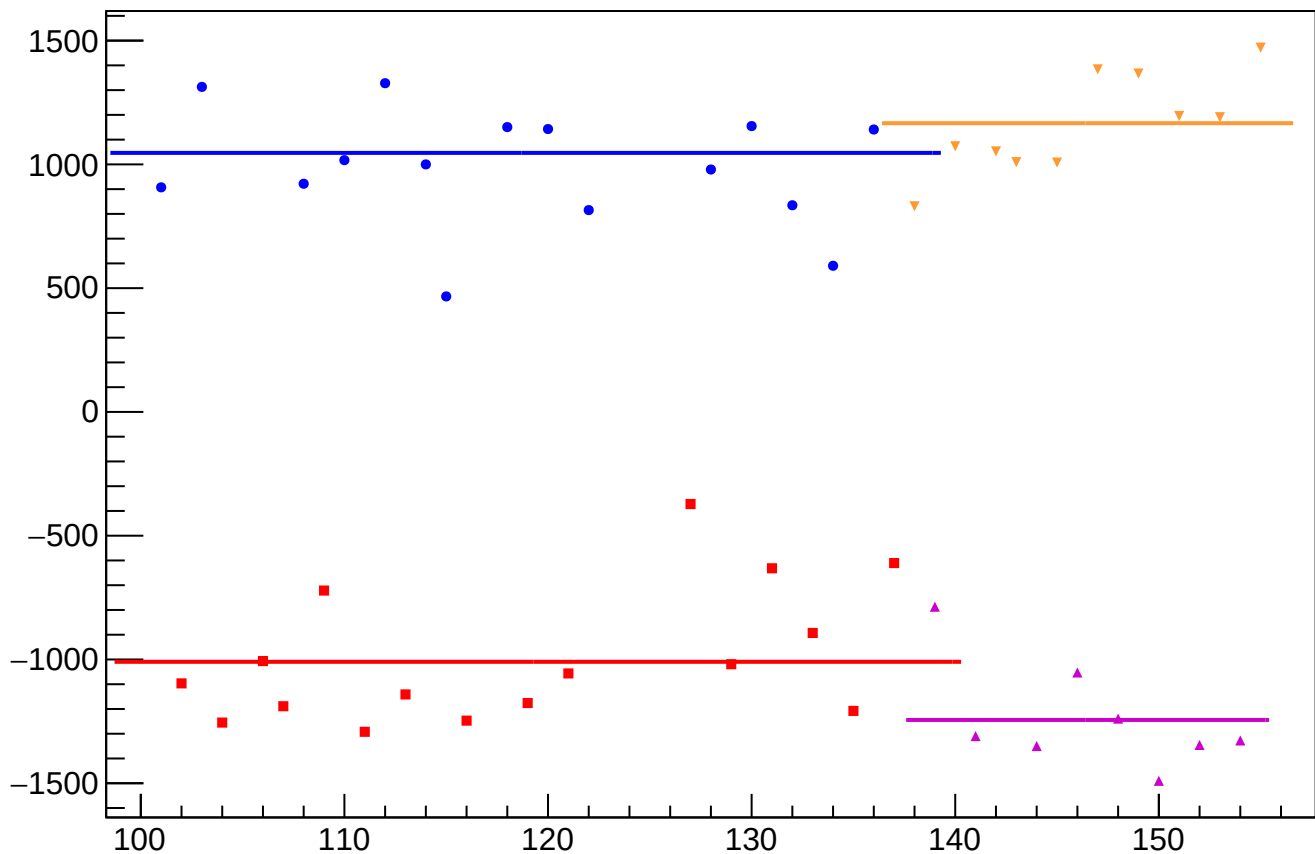
All: -339.084+/-0.000 χ^2/NDF : 17638362702

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832 $\pm$ 0.000 χ^2 /NDF: 7828269009300013139414476154059358208.0/14
 Left Out: 510.198 $\pm$ 0.000 χ^2 /NDF: 13622627505107148100639107760359735296.0/9
 Right Out: -209.844 $\pm$ 0.000 χ^2 /NDF: 3128489258838765241921217786024034304.0/15
 Left In: -576.015 $\pm$ 0.000 χ^2 /NDF: 16117959224148584983211542741031845888.0/7
 All: 3.415 $\pm$ 0.000 χ^2 /NDF: 53517241941301

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1166.483+/-0.000

χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

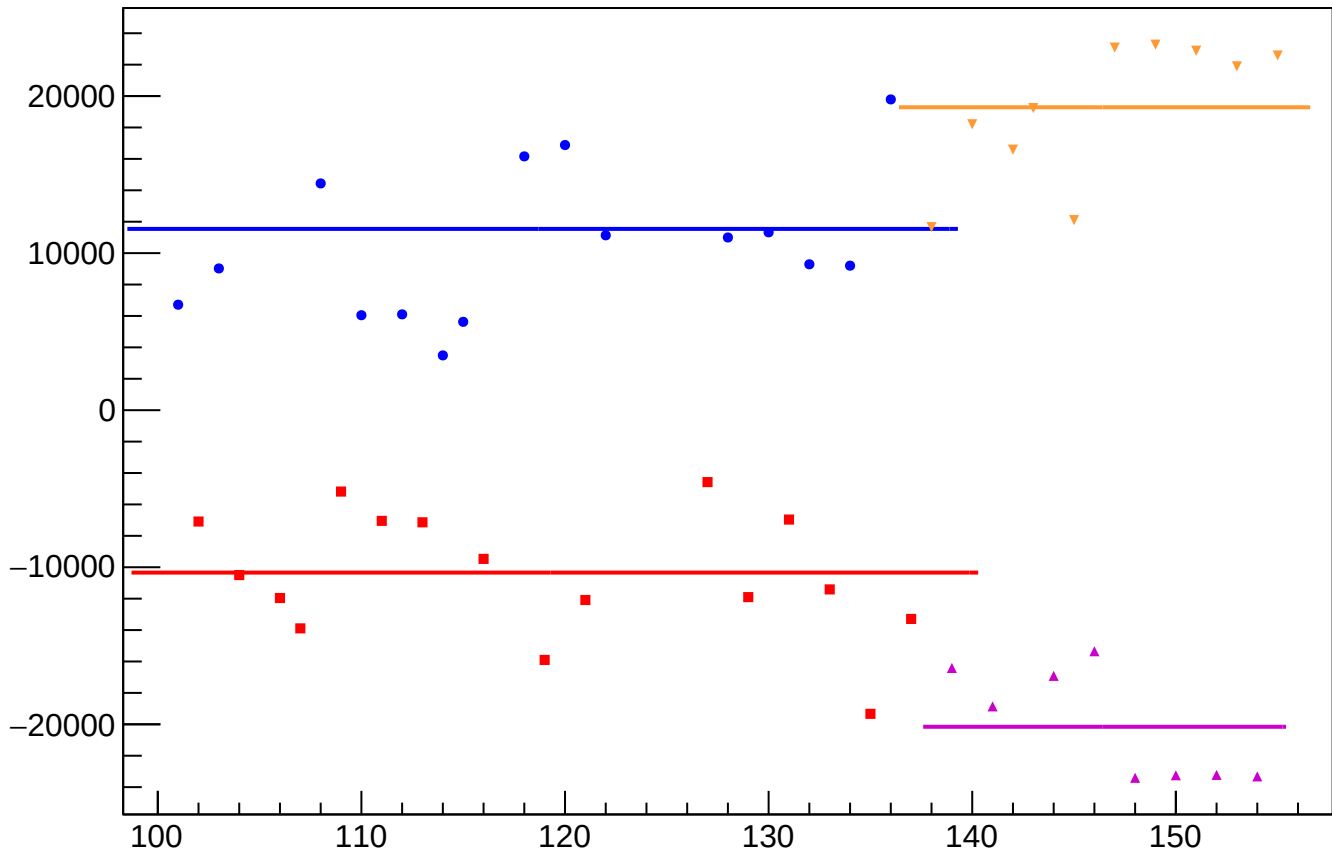
Left In: -1244.321+/-0.000

χ^2/NDF : 28343886144136596546146079788396183552.0/7

All: 11.845+/-0.000

χ^2/NDF : 3614472703628

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 11542.759+/-0.000

χ^2/NDF : 14233543123238566357226766219014687424512.0/14

Left Out: 19286.909+/-0.000

χ^2/NDF : 14061366782804760688215239217369095077888.0/9

Right Out: -10339.969+/-0.000

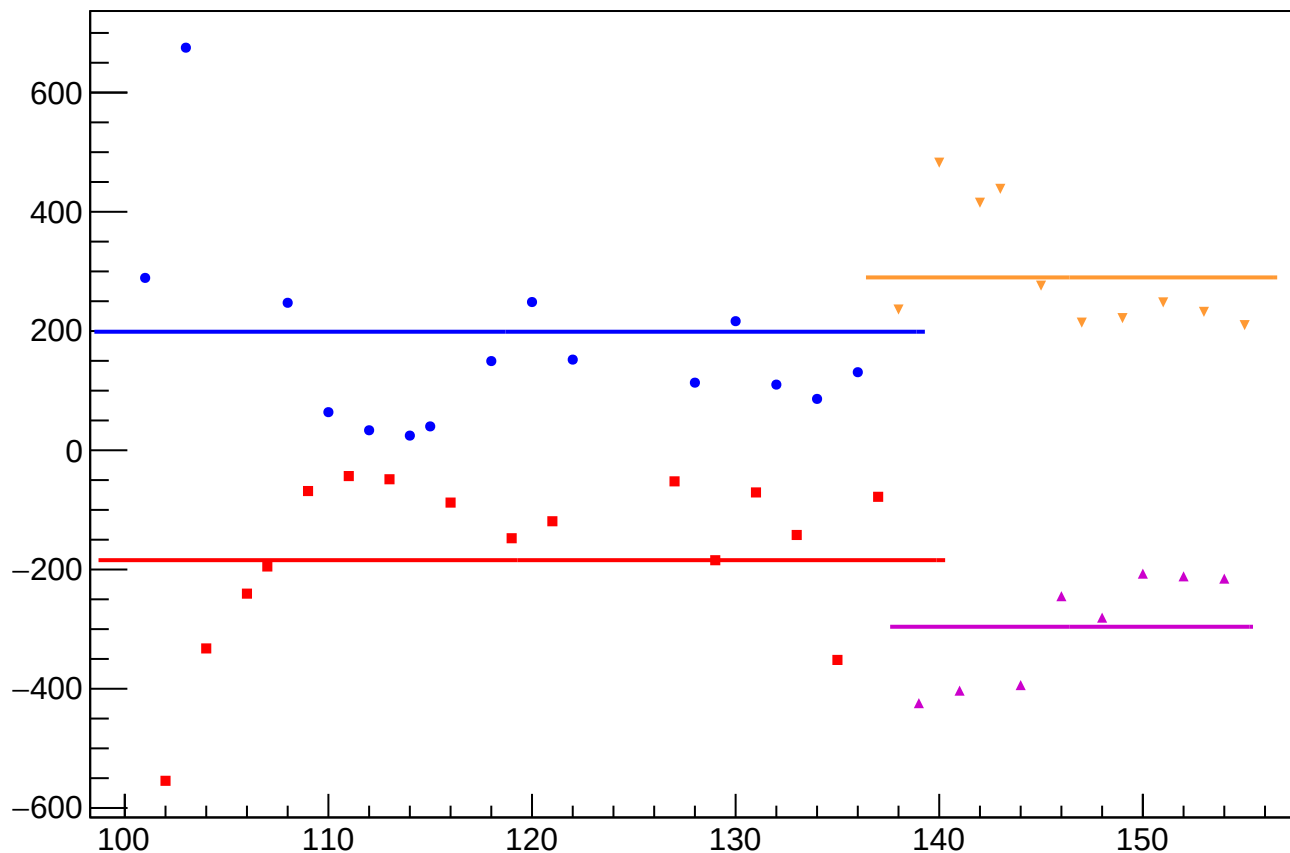
χ^2/NDF : 11260833863406751645923420062982418202624.0/15

Left In: -20156.695+/-0.000

χ^2/NDF : 7593733633147254115365749486284884148224.0/7

All: 479.915+/-0.000 χ^2/NDF : 766195025698

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 198.850 $\pm$ 0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

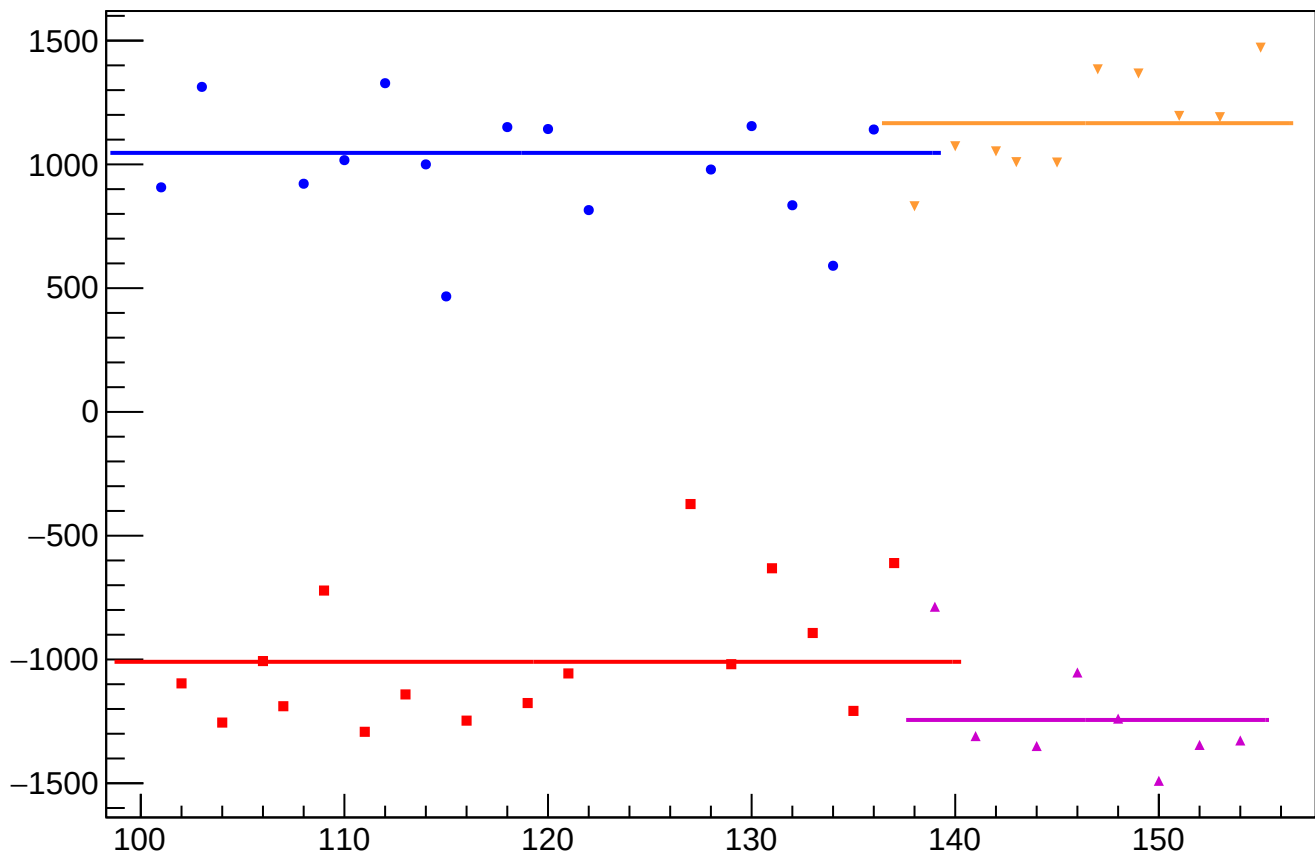
Left Out: 289.934 $\pm$ 0.000 χ^2/NDF : 7251159320208298492824273581743538176.0/9

Right Out: -184.328 $\pm$ 0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

Left In: -296.016 $\pm$ 0.000 χ^2/NDF : 5320574347117591093525406831200960512.0/7

All: 7.934 $\pm$ 0.000 χ^2/NDF : 21807709987827

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1166.483+/-0.000

χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: -1009.445+/-0.000

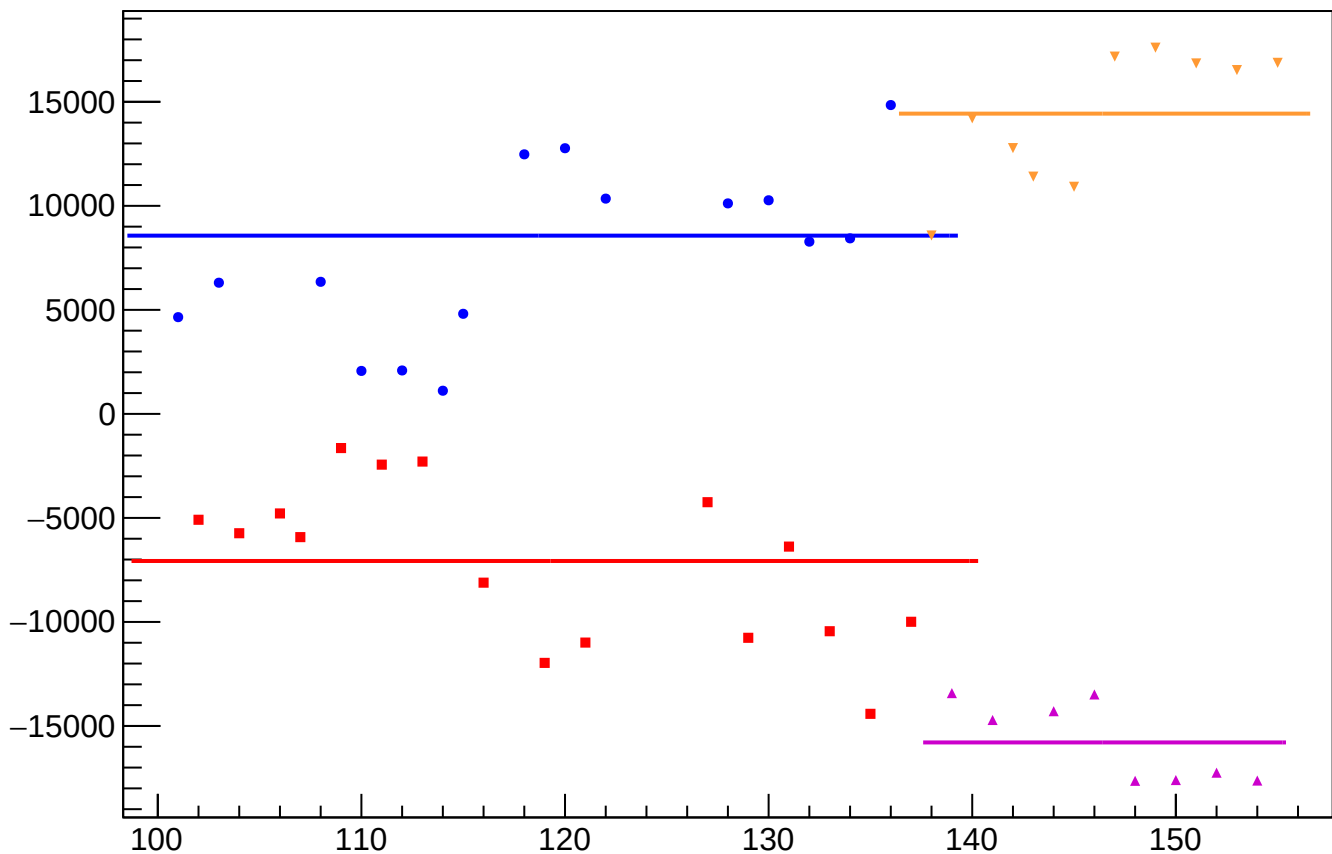
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1244.321+/-0.000

χ^2/NDF : 28343886144136596546146079788396183552.0/7

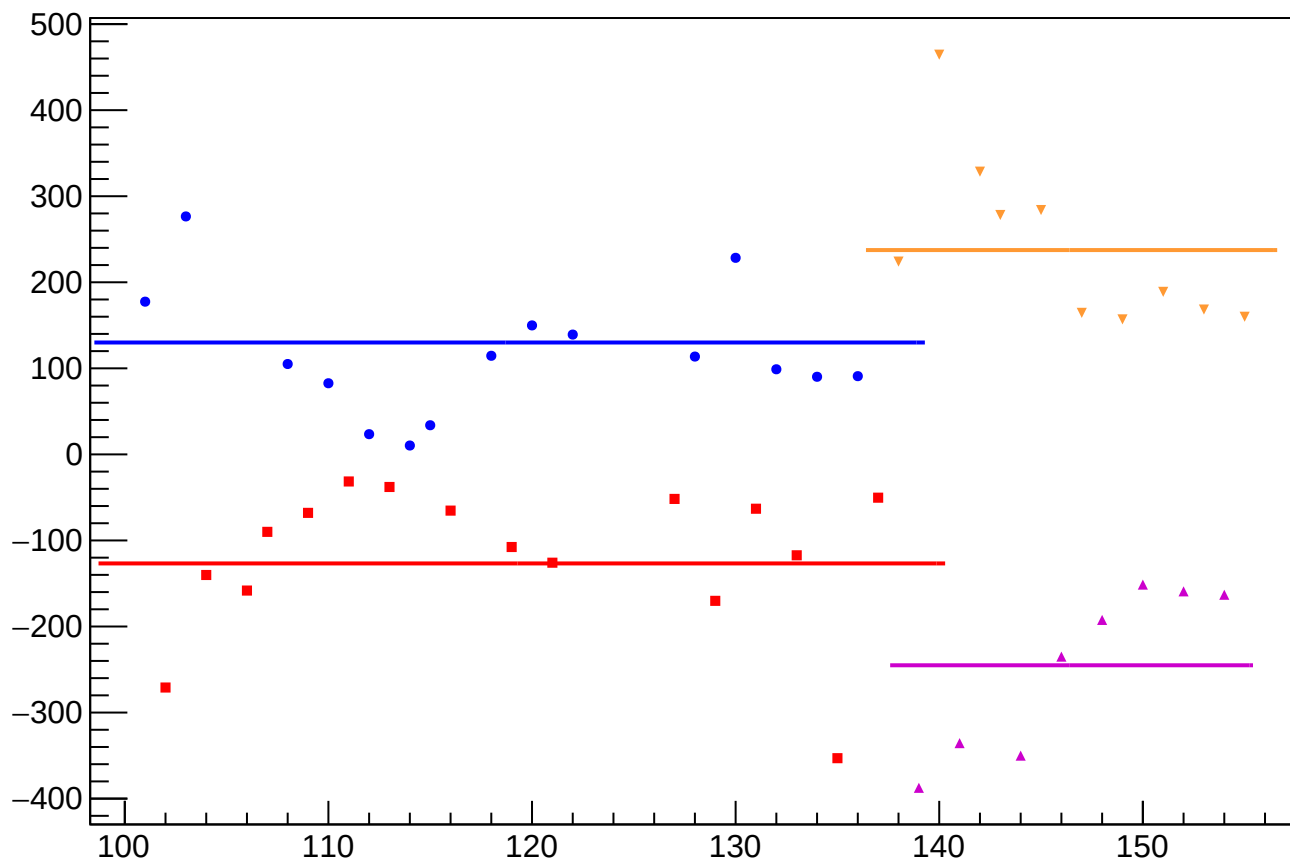
Left: 18.560+/-0.000 χ^2/NDF : 21544863055669056.0/14
 Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576.0/14
 In: -133.158+/-0.000 χ^2/NDF : 1807035388337786.0/14
 Out: 147.996+/-0.000 χ^2/NDF : 1752889539980940.0/14
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628.0/14

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 8567.784 $\pm$ 0.000 χ^2 /NDF: 11106048878972501366429055679645708451840.0/14
 Left Out: 14432.224 $\pm$ 0.000 χ^2 /NDF: 7149407353185025901887957841950497832960.0/9
 Right Out: -7069.884 $\pm$ 0.000 χ^2 /NDF: 10076862363502652111378210539664387866624.0/15
 Left In: -15791.638 $\pm$ 0.000 χ^2 /NDF: 2261766294510684378859975554339335831552.0/7
 All: 327.205 $\pm$ 0.000 χ^2 /NDF: 440981289970

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 130.021+/-0.000

χ^2/NDF : 3115259987552341725946418665378283520.0/14

Left Out: 237.425+/-0.000

χ^2/NDF : 6937754399453095540386732630612115456.0/9

Right Out: -126.709+/-0.000

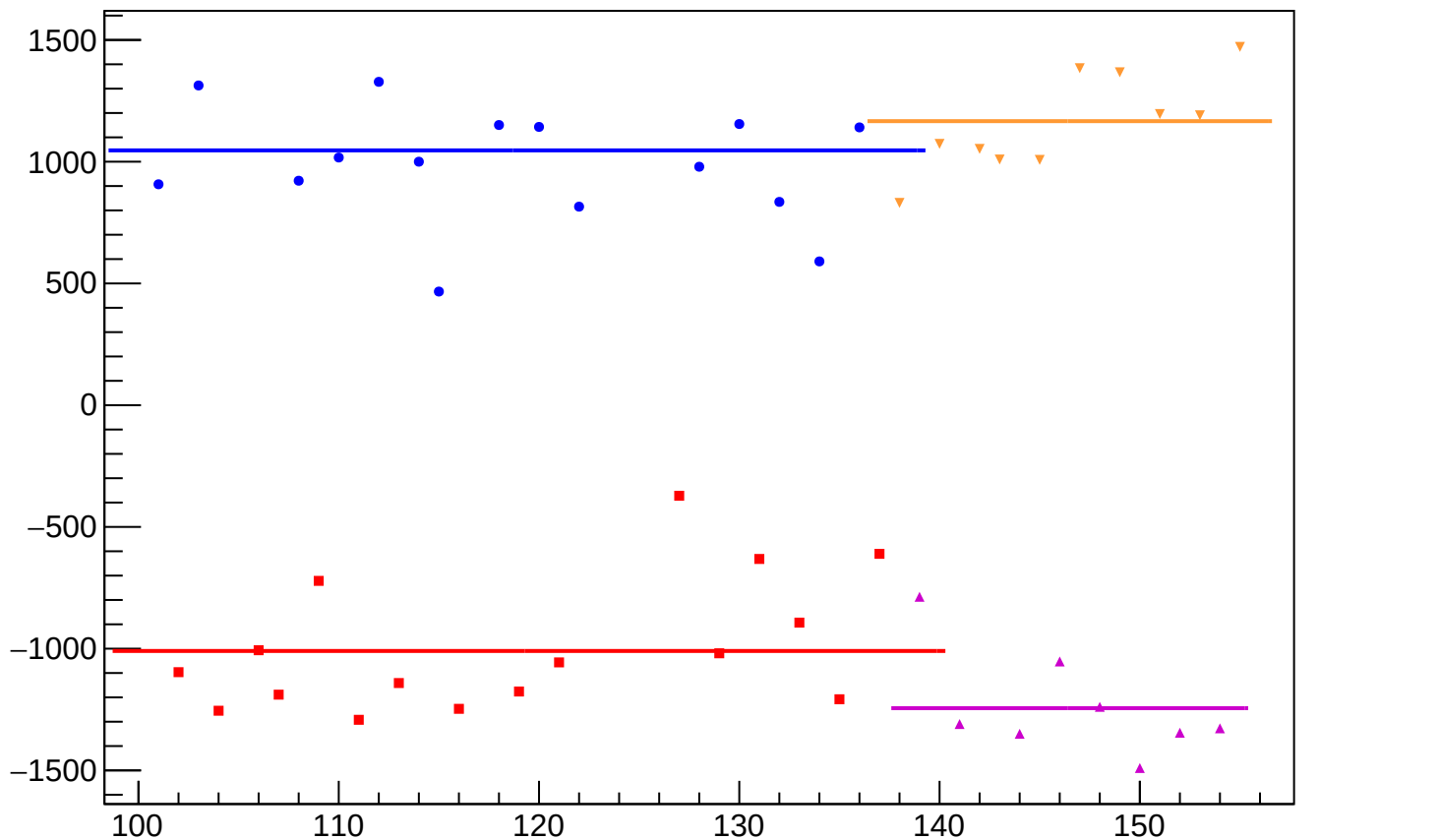
χ^2/NDF : 5397122581297664561308621600668516352.0/15

Left In: -245.055+/-0.000

χ^2/NDF : 5600531738891269928177951075127525376.0/7

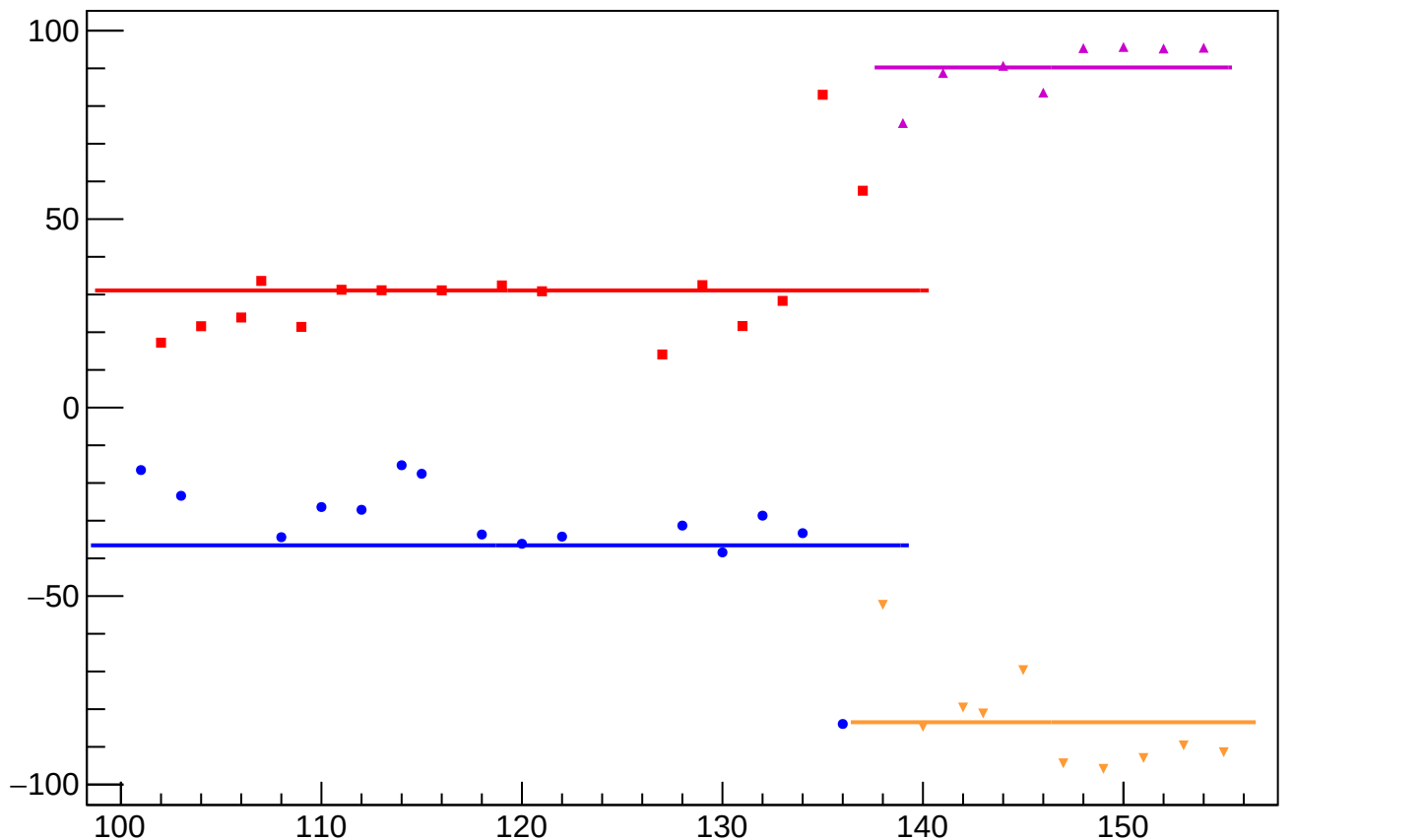
All: 3.979+/-0.000 χ^2/NDF : 1267919459714

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



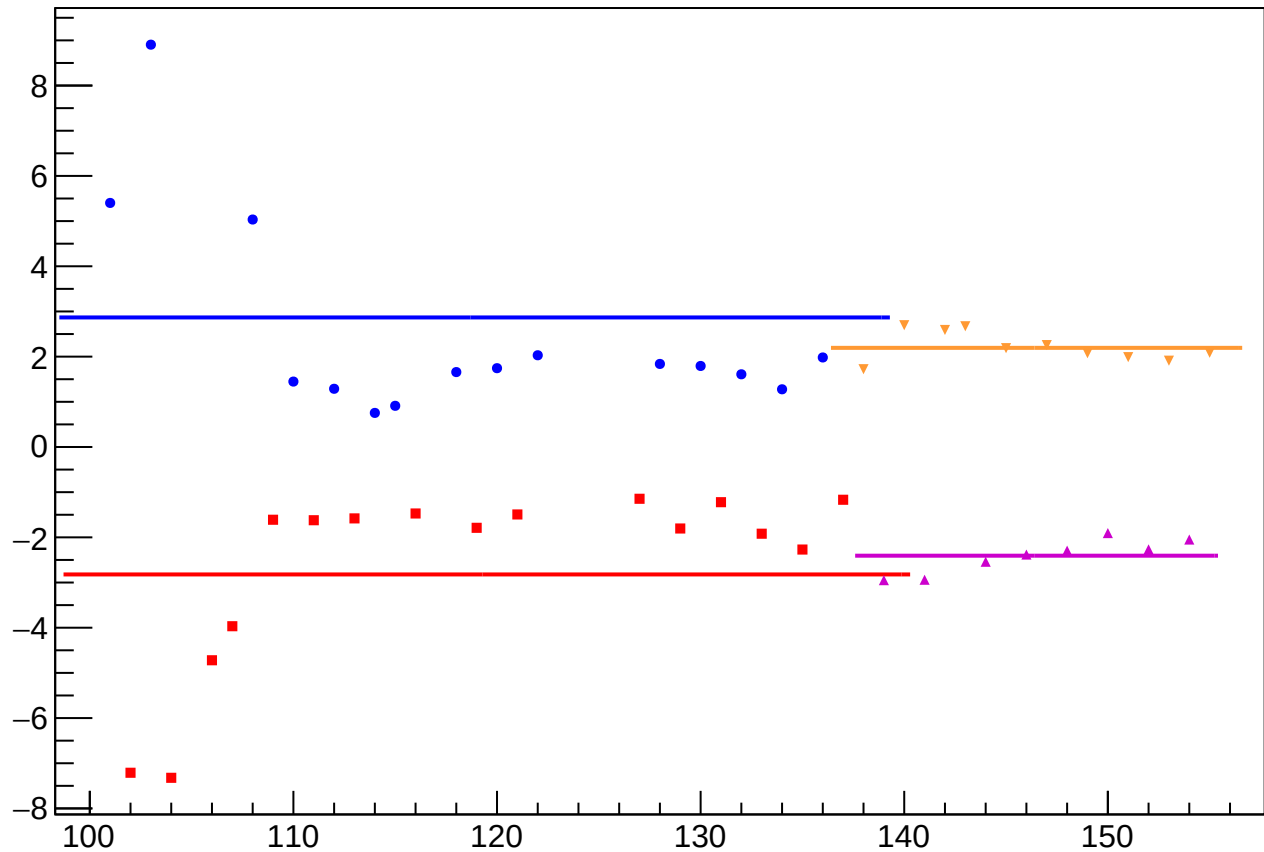
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7
 All: 11.845+/-0.000 χ^2/NDF : 3614472703628

dit_4aX_coil3_mean vs Slug, Sign Corrected



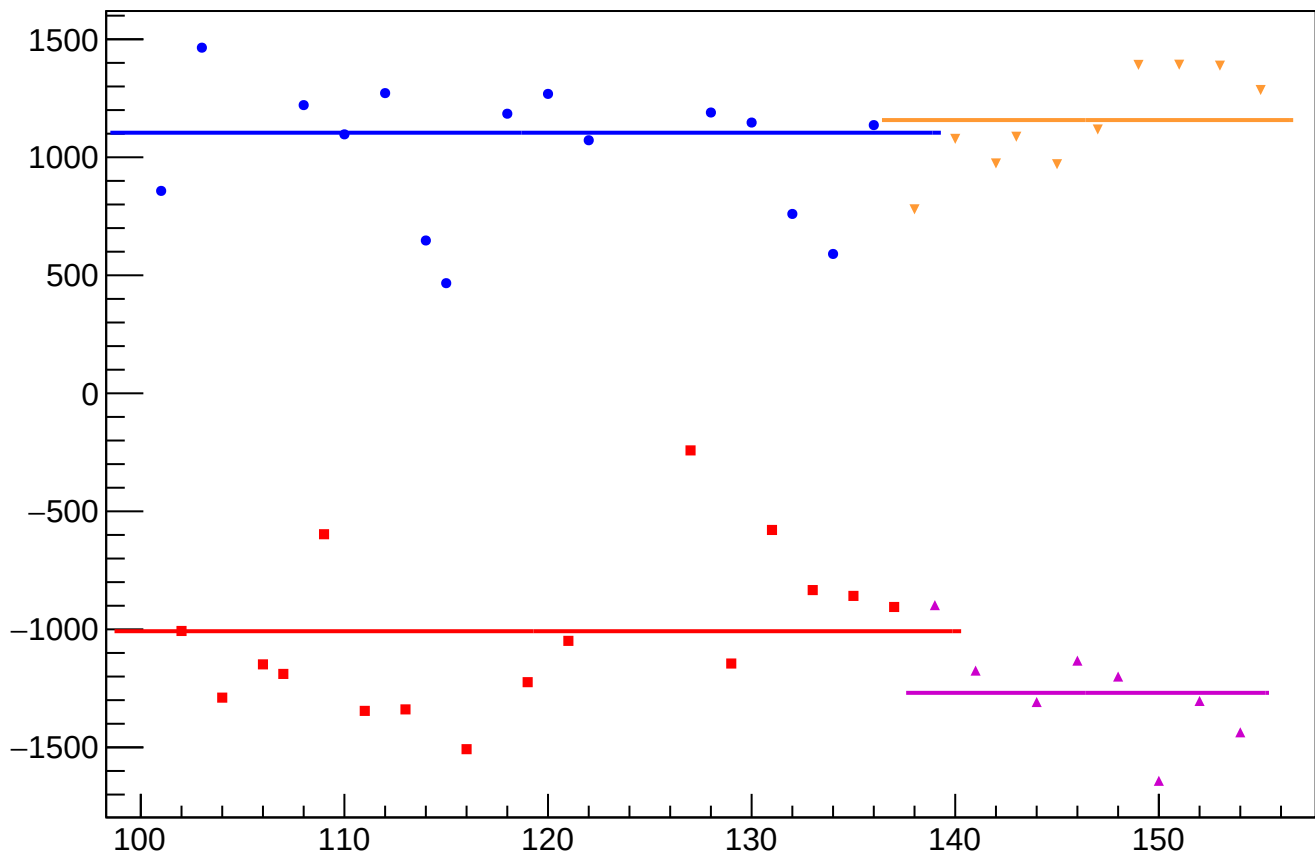
Right In: -36.540 ± 0.000 $\chi^2/\text{NDF}: 254351867861444609202637633864335360.0/14$
 Left Out: -83.469 ± 0.000 $\chi^2/\text{NDF}: 129624971412368634898109866740547584.0/9$
 Right Out: 31.085 ± 0.000 $\chi^2/\text{NDF}: 181291079119381636178408498876383232.0/15$
 Left In: 90.237 ± 0.000 $\chi^2/\text{NDF}: 31038594722172304997951086327234560.0/7$
 All: -1.476 ± 0.000 $\chi^2/\text{NDF}: 1299270942778$

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867 $\pm$ 0.000 χ^2 /NDF: 3455499087584693564208174061322240.0/14
 Left Out: 2.194 $\pm$ 0.000 χ^2 /NDF: 73057469360455458544437640036352.0/9
 Right Out: -2.821 $\pm$ 0.000 χ^2 /NDF: 3052948718107902490497172912472064.0/15
 Left In: -2.406 $\pm$ 0.000 χ^2 /NDF: 86412306330155139643918180679680.0/7
 All: -0.005 $\pm$ 0.000 χ^2 /NDF: 2495014116769

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

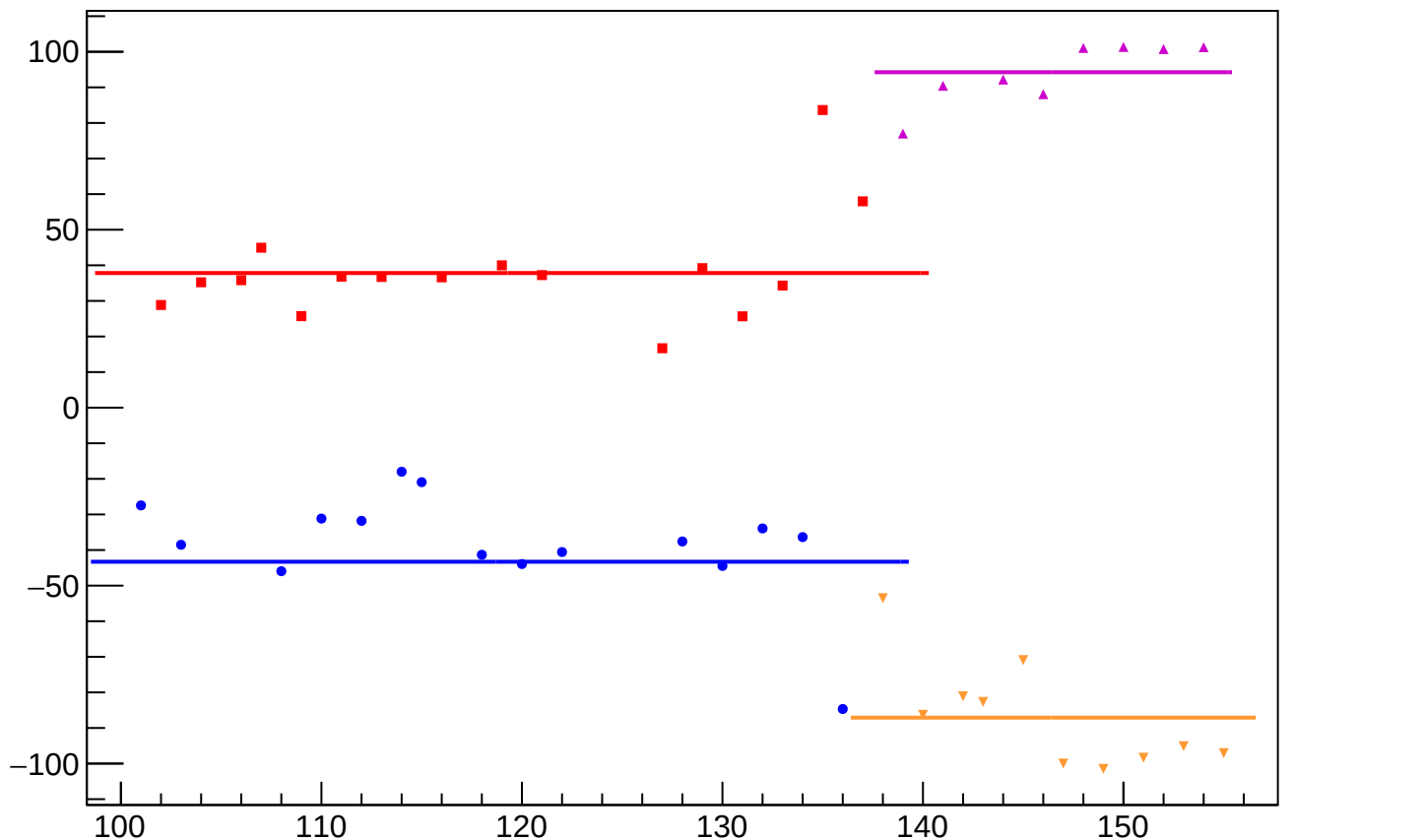
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

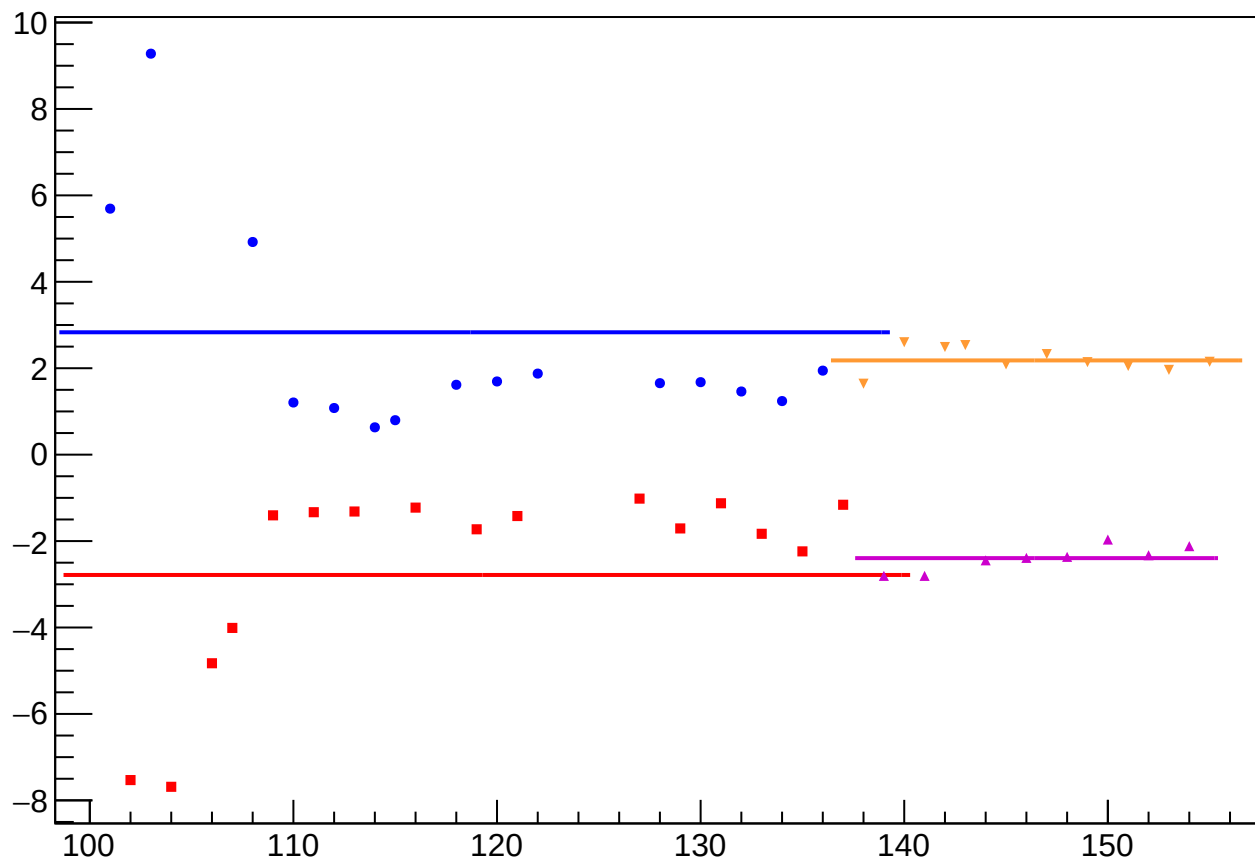
All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_4eX_coil3_mean vs Slug, Sign Corrected



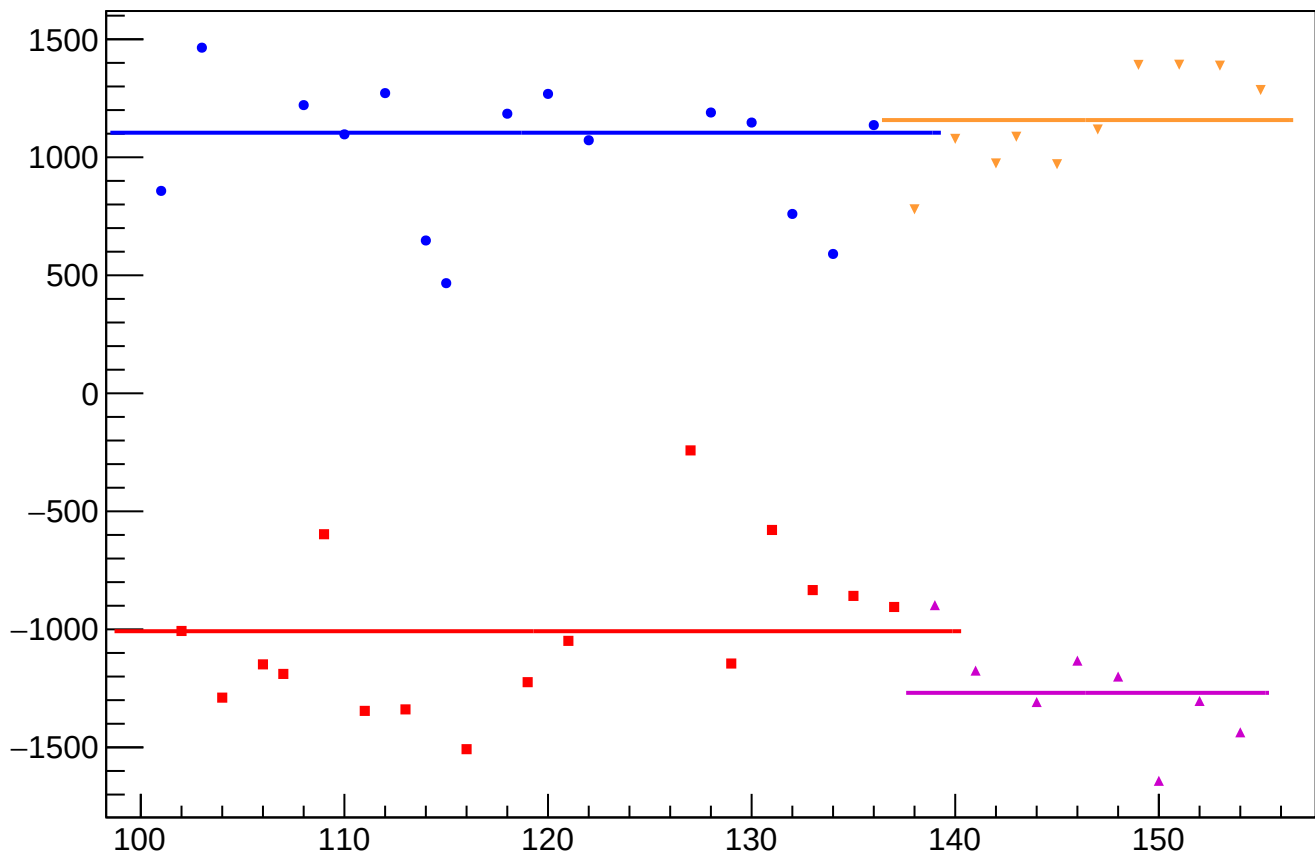
Right In: -43.289 ± 0.000 $\chi^2/\text{NDF}: 199342736778845281087197523996573696.0/14$
 Left Out: -87.094 ± 0.000 $\chi^2/\text{NDF}: 165603390134753557570728682521100288.0/9$
 Right Out: 37.832 ± 0.000 $\chi^2/\text{NDF}: 148683933977204936634636843897323520.0/15$
 Left In: 94.251 ± 0.000 $\chi^2/\text{NDF}: 45376349341972855958640355157475328.0/7$
 All: -1.426 ± 0.000 $\chi^2/\text{NDF}: 1459446490892$

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.832 $\pm$ 0.000 χ^2 /NDF: 3957672531929017328512564323155968.0/14
 Left Out: 2.181 $\pm$ 0.000 χ^2 /NDF: 57923761880178564387857024155648.0/9
 Right Out: -2.784 $\pm$ 0.000 χ^2 /NDF: 3589544956108116898091236897849344.0/15
 Left In: -2.395 $\pm$ 0.000 χ^2 /NDF: 52321702886423840940313743982592.0/7
 All: -0.006 $\pm$ 0.000 χ^2 /NDF: 2558738144322

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

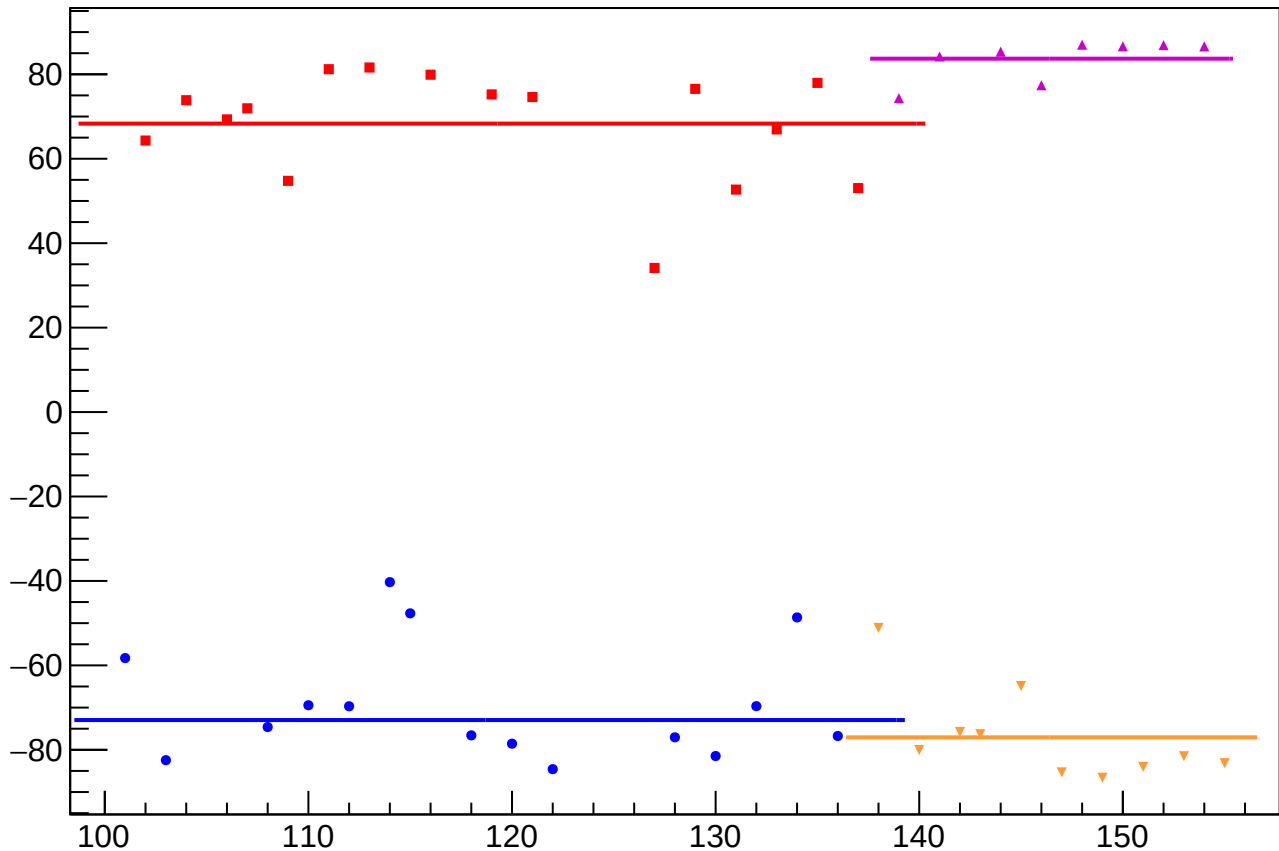
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

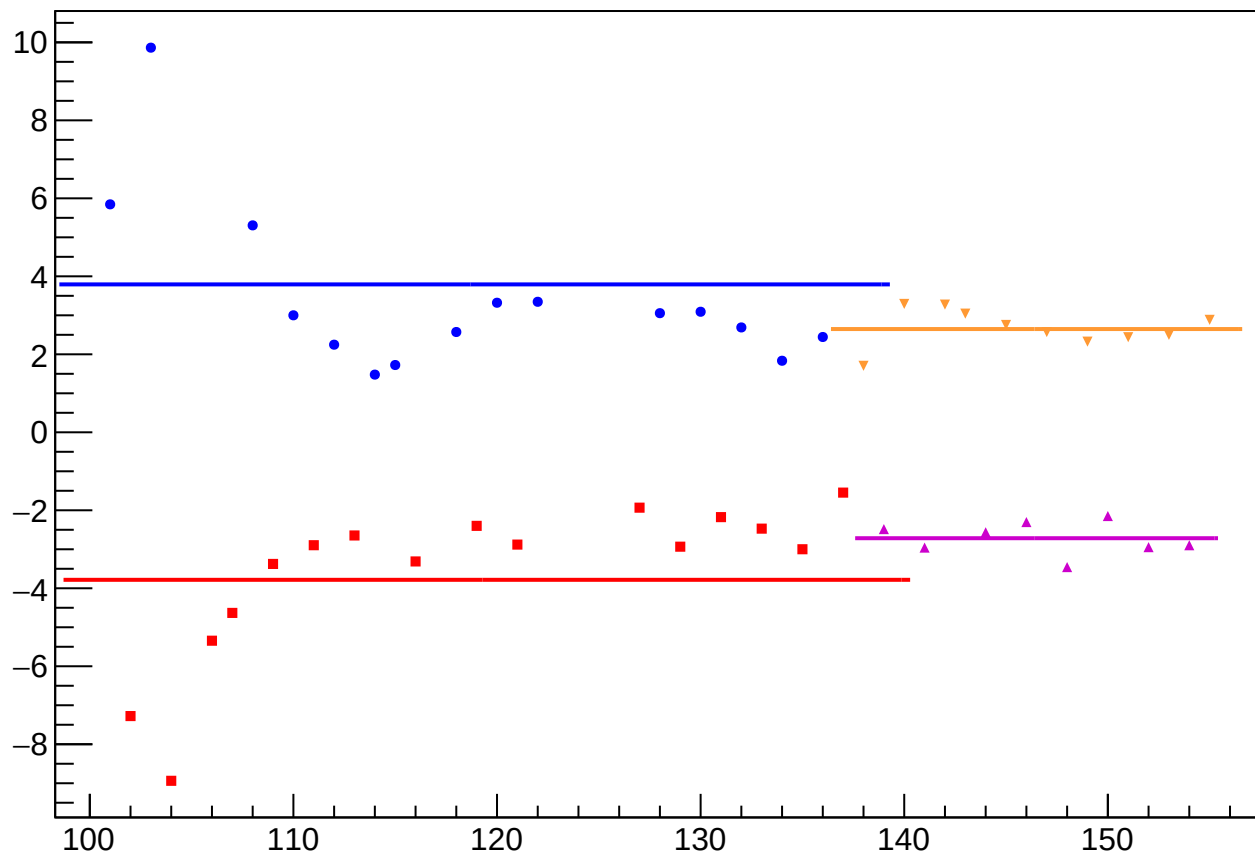
All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_11X12X_coil3_mean vs Slug, Sign Corrected



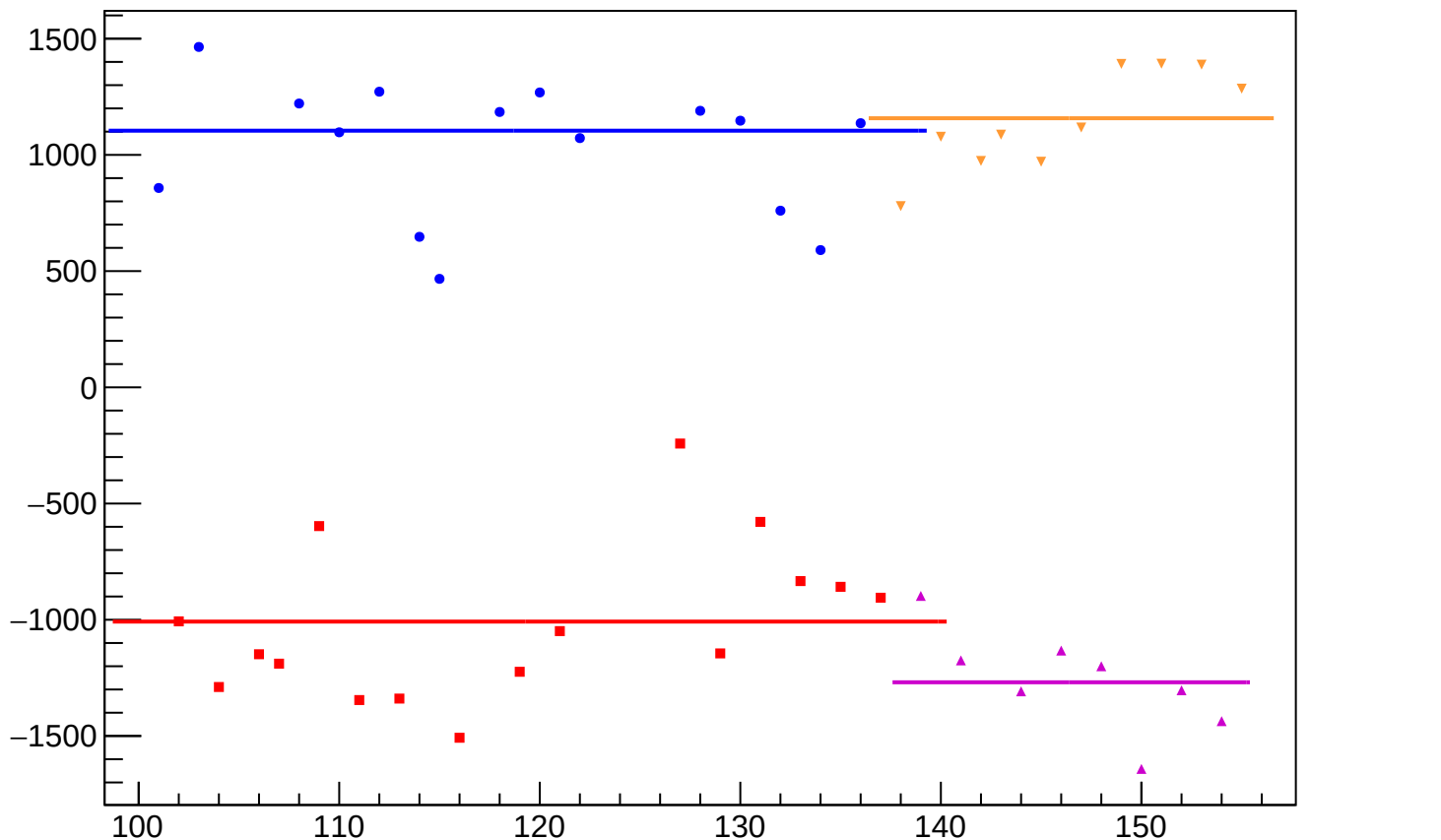
Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -77.039 ± 0.000 χ^2/NDF : 86733634262060670349024921584140288.0/9
 Right Out: 68.324 ± 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: 83.702 ± 0.000 χ^2/NDF : 13975109020884434830871243249418240.0/7
 All: -0.904 ± 0.000 χ^2/NDF : 1616404807052

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



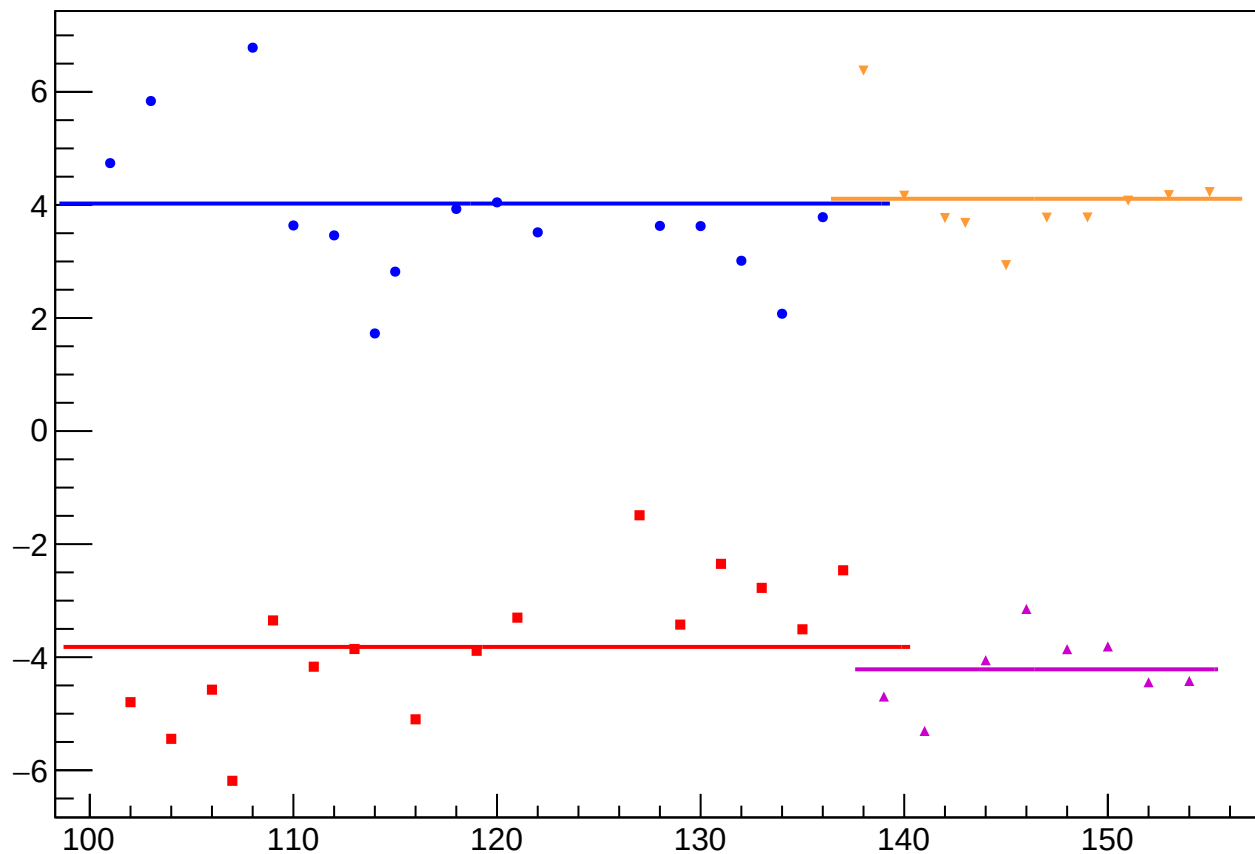
Right In: 3.793 ± 0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.648 ± 0.000 χ^2/NDF : 151778694711307280819159610425344.0/9
 Right Out: -3.783 ± 0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: -2.716 ± 0.000 χ^2/NDF : 108607385744411081915708060205056.0/7
 All: 0.027 ± 0.000 χ^2/NDF : 35623212300369

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



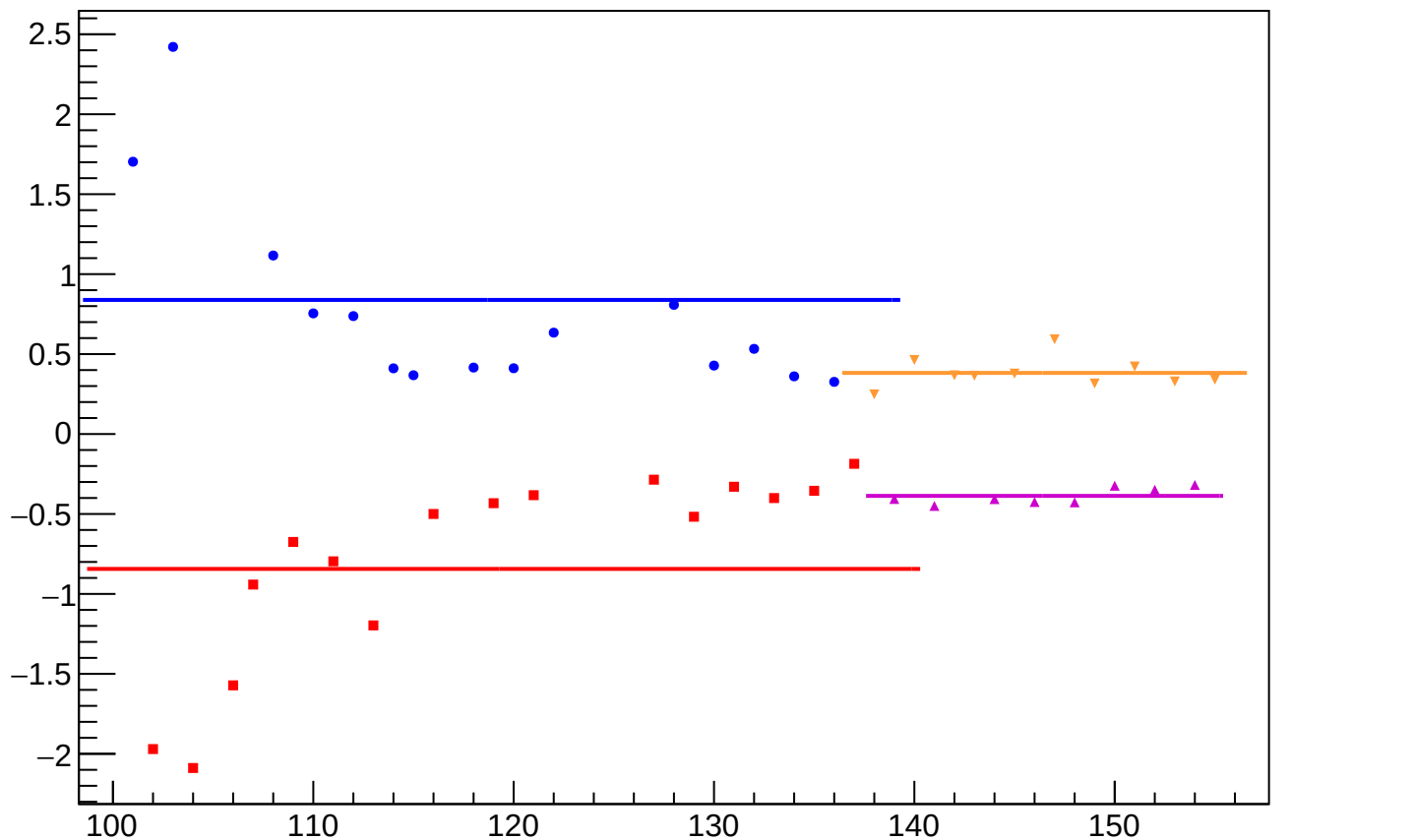
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7
 All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_4aY_coil3_mean vs Slug, Sign Corrected



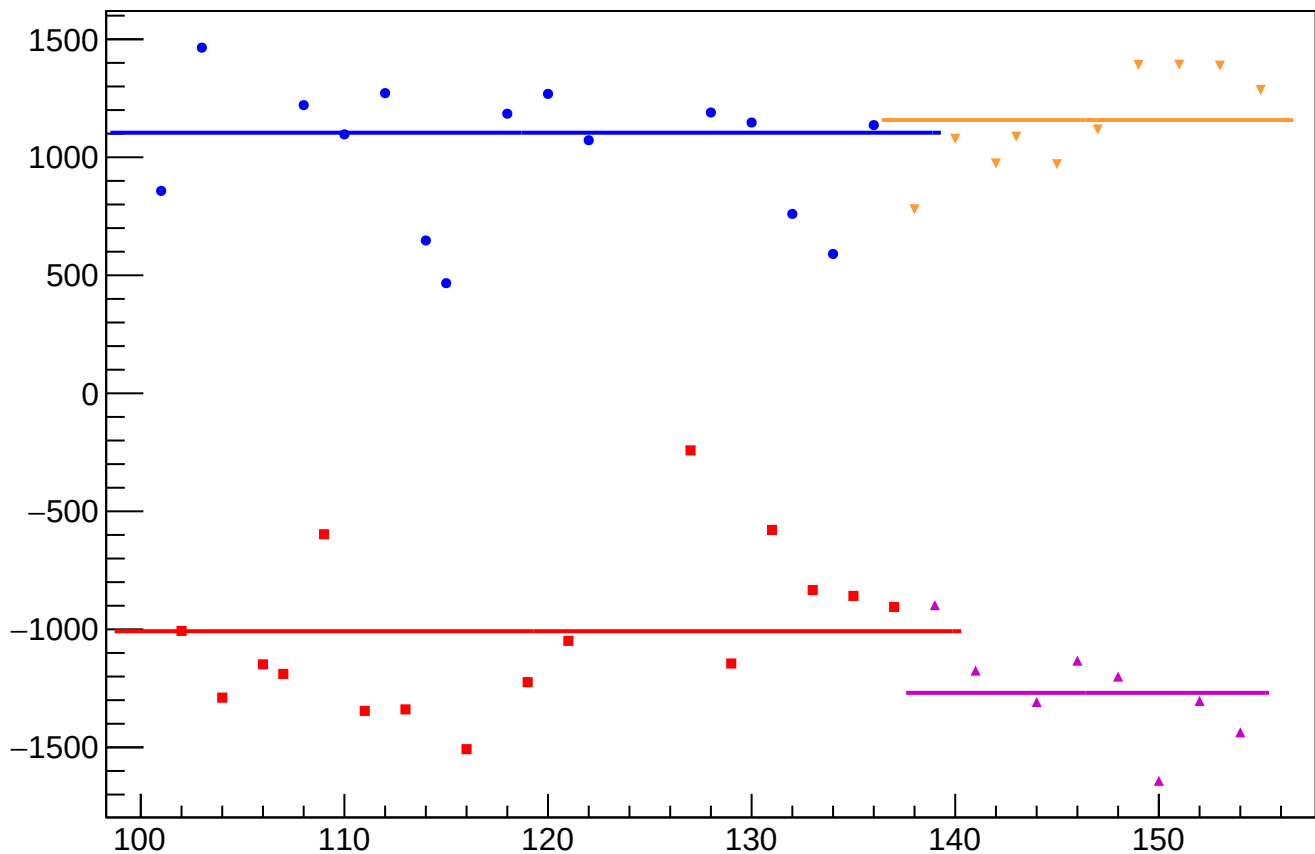
Right In: 4.025 ± 0.000 $\chi^2/\text{NDF}: 769001650442321928129473832550400.0/14$
 Left Out: 4.109 ± 0.000 $\chi^2/\text{NDF}: 549967485074536654254539563597824.0/9$
 Right Out: -3.819 ± 0.000 $\chi^2/\text{NDF}: 888232240226434329114859171479552.0/15$
 Left In: -4.215 ± 0.000 $\chi^2/\text{NDF}: 250605159869575237023390366695424.0/7$
 All: 0.100 ± 0.000 $\chi^2/\text{NDF}: 47710330234020$

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.016 +/- 0.000 χ^2/NDF : 221334054280778893
 Right: -0.014 +/- 0.000 χ^2/NDF : 1442205906502244
 In: 0.208 +/- 0.000 χ^2/NDF : 7619287896378084425
 Out: -0.192 +/- 0.000 χ^2/NDF : 79229301479516083
 All: 0.002 +/- 0.000 χ^2/NDF : 16641583610046

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

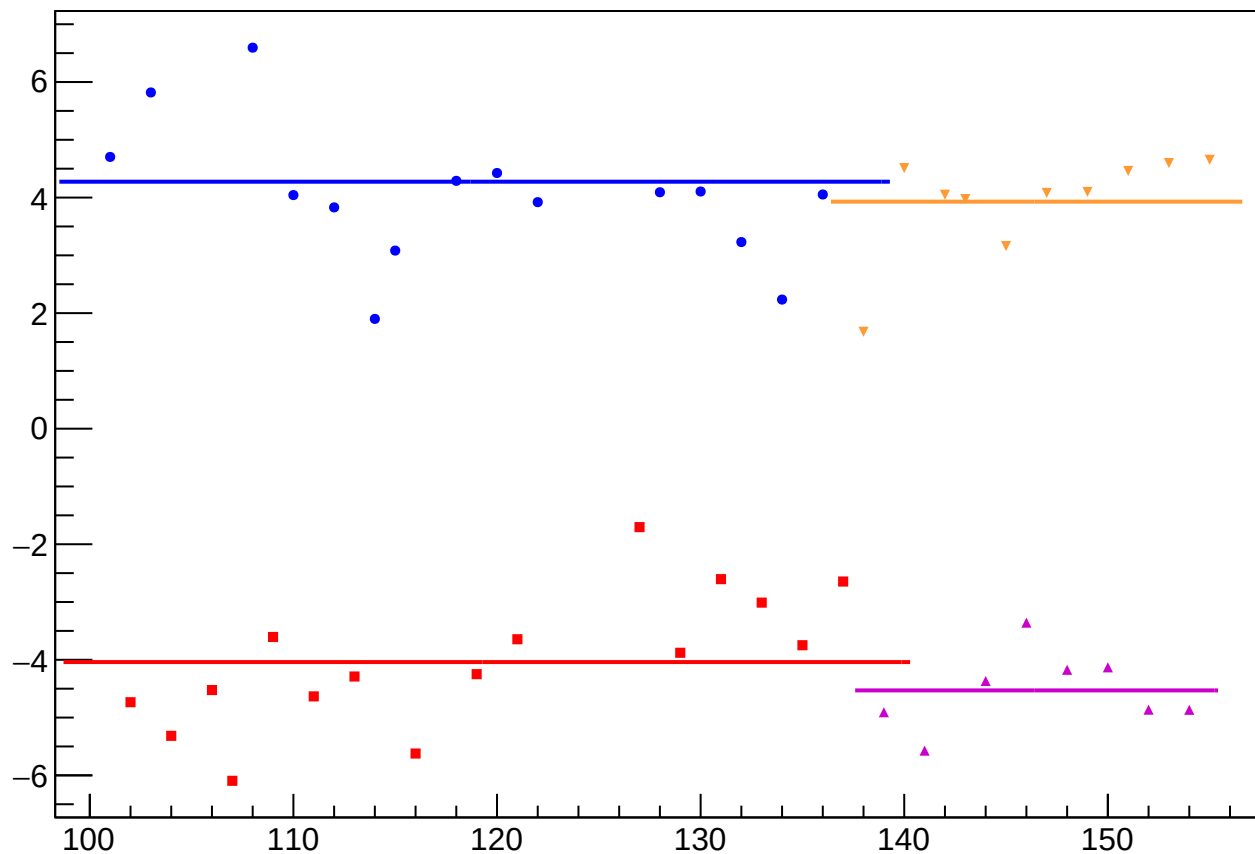
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

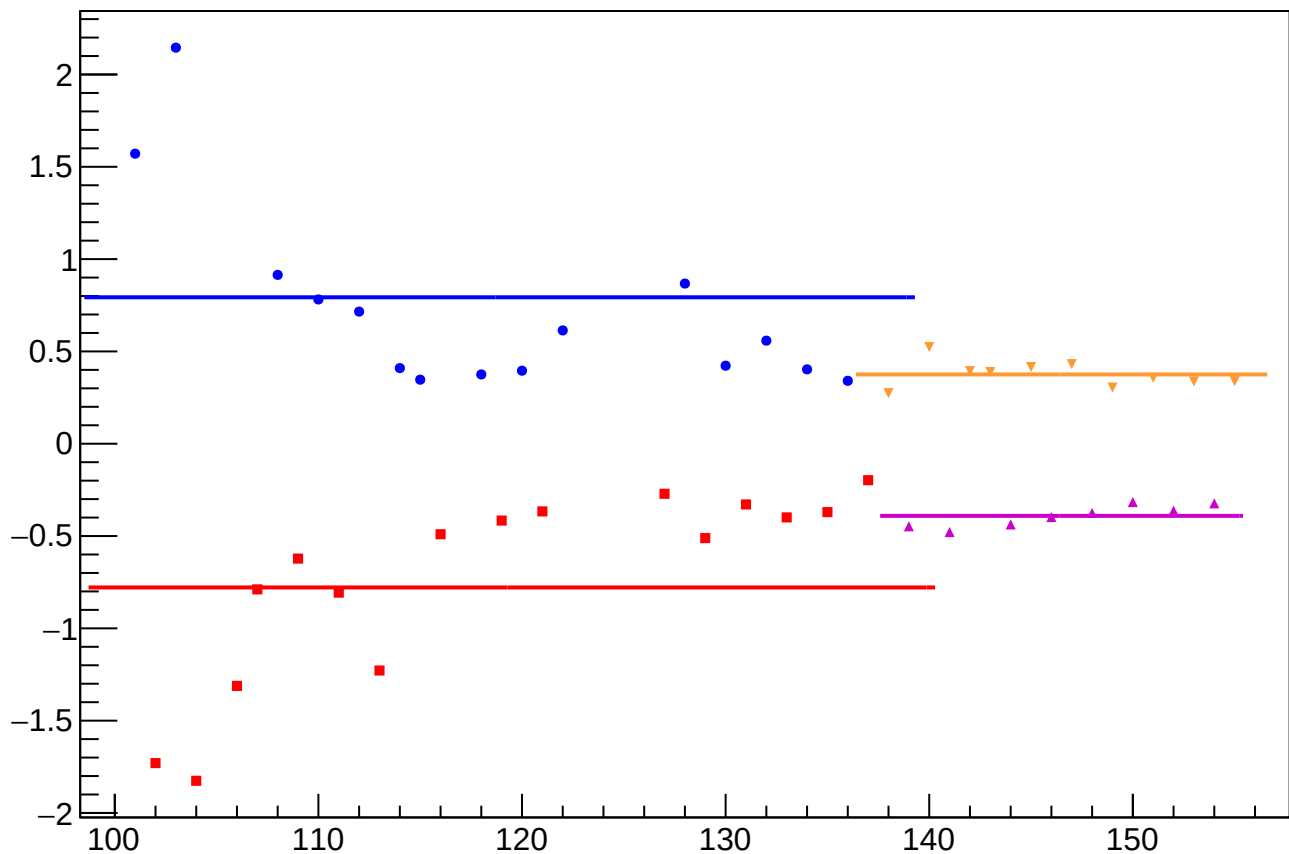
All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14
 Left Out: 3.929+/-0.000 χ^2/NDF : 577853421789259771253193487417344.0/9
 Right Out: -4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15
 Left In: -4.530+/-0.000 χ^2/NDF : 265408917718453728628087927603200.0/7
 All: -0.023+/-0.000 χ^2/NDF : 5079362305838

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.793+/-0.000

χ^2/NDF : 195508777173589483440314700005376.0/14

Left Out: 0.375+/-0.000

χ^2/NDF : 3694316786592893000086655598592.0/9

Right Out: -0.778+/-0.000

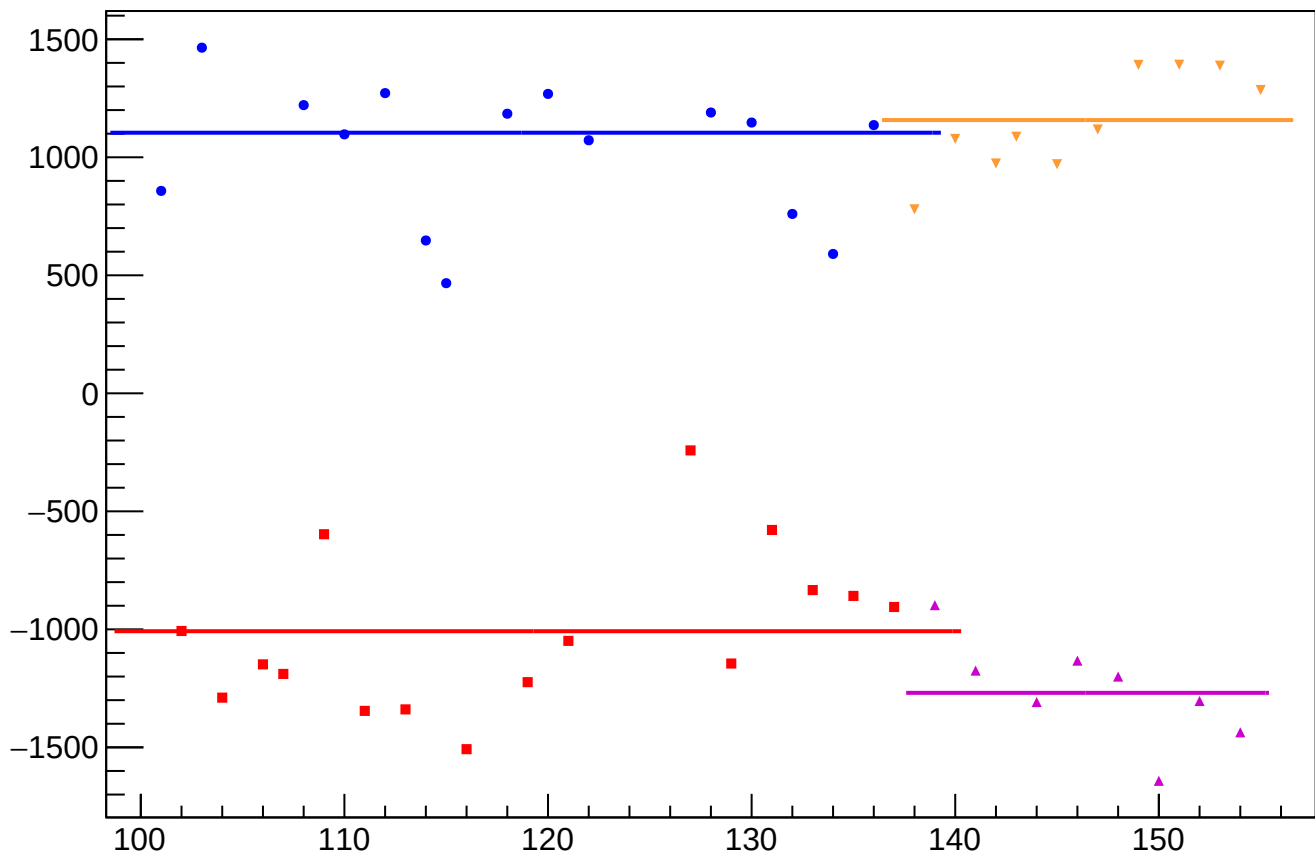
χ^2/NDF : 185814635772183306063903690063872.0/15

Left In: -0.391+/-0.000

χ^2/NDF : 2115210429956729286709756297216.0/7

Left: 0.011+/-0.000 χ^2/NDF : 217572691964622850
 Right: -0.003+/-0.000 χ^2/NDF : 1193841006449656
 In: 0.184+/-0.000 χ^2/NDF : 6660950422842134174
 Out: -0.165+/-0.000 χ^2/NDF : 66173329596973343
 All: 0.004+/-0.000 χ^2/NDF : 14115462628041

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

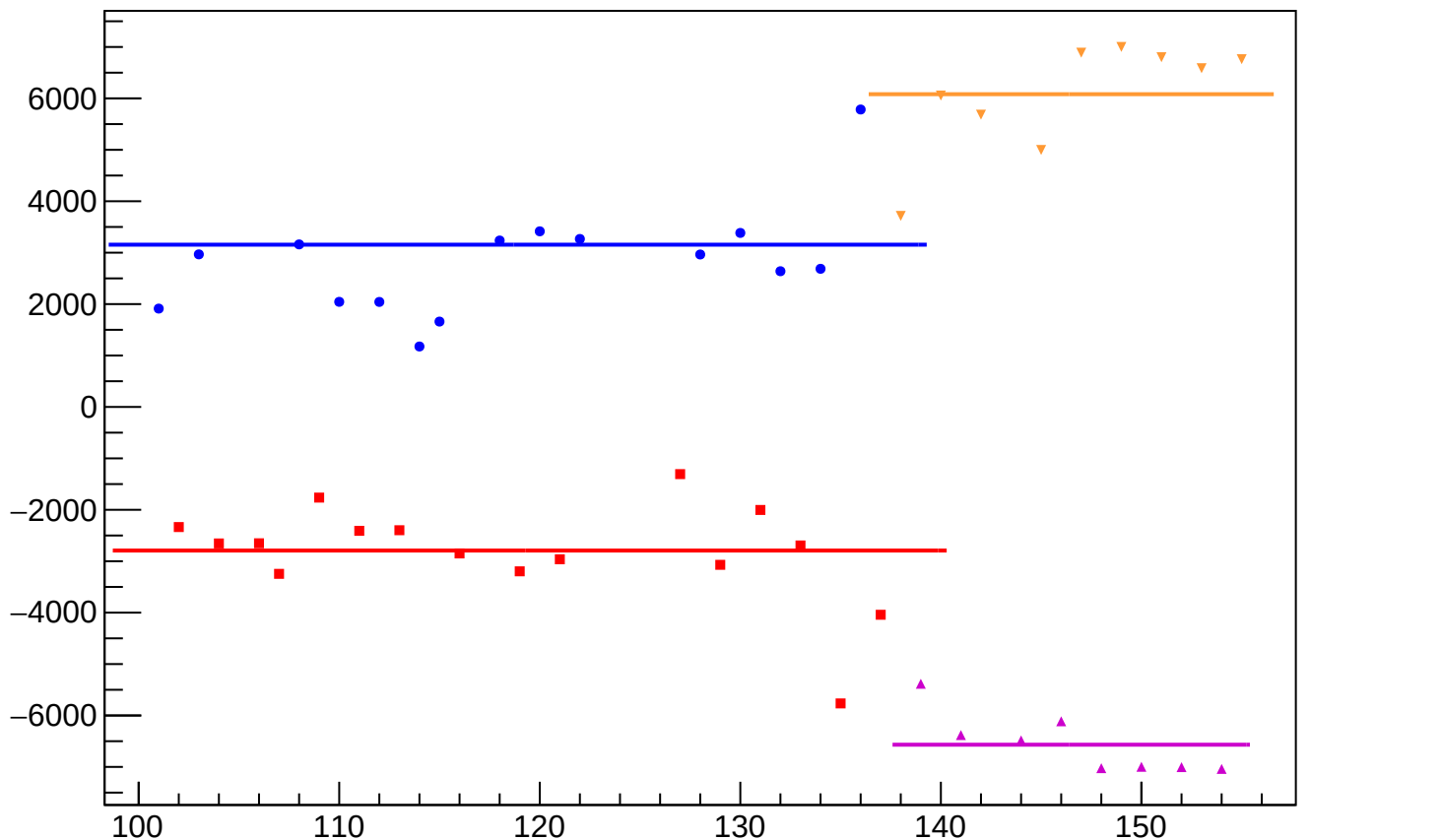
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

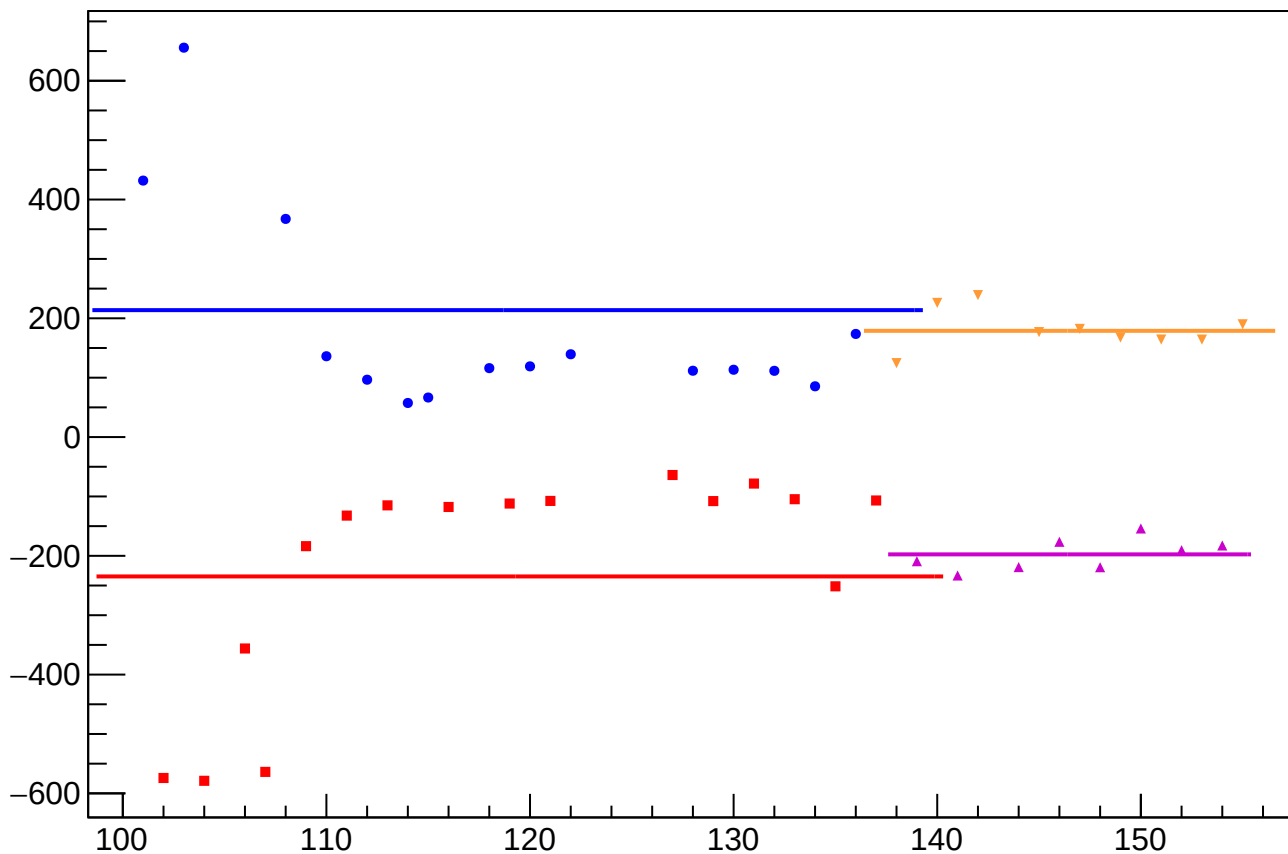
All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_usl_coil3_mean vs Slug, Sign Corrected



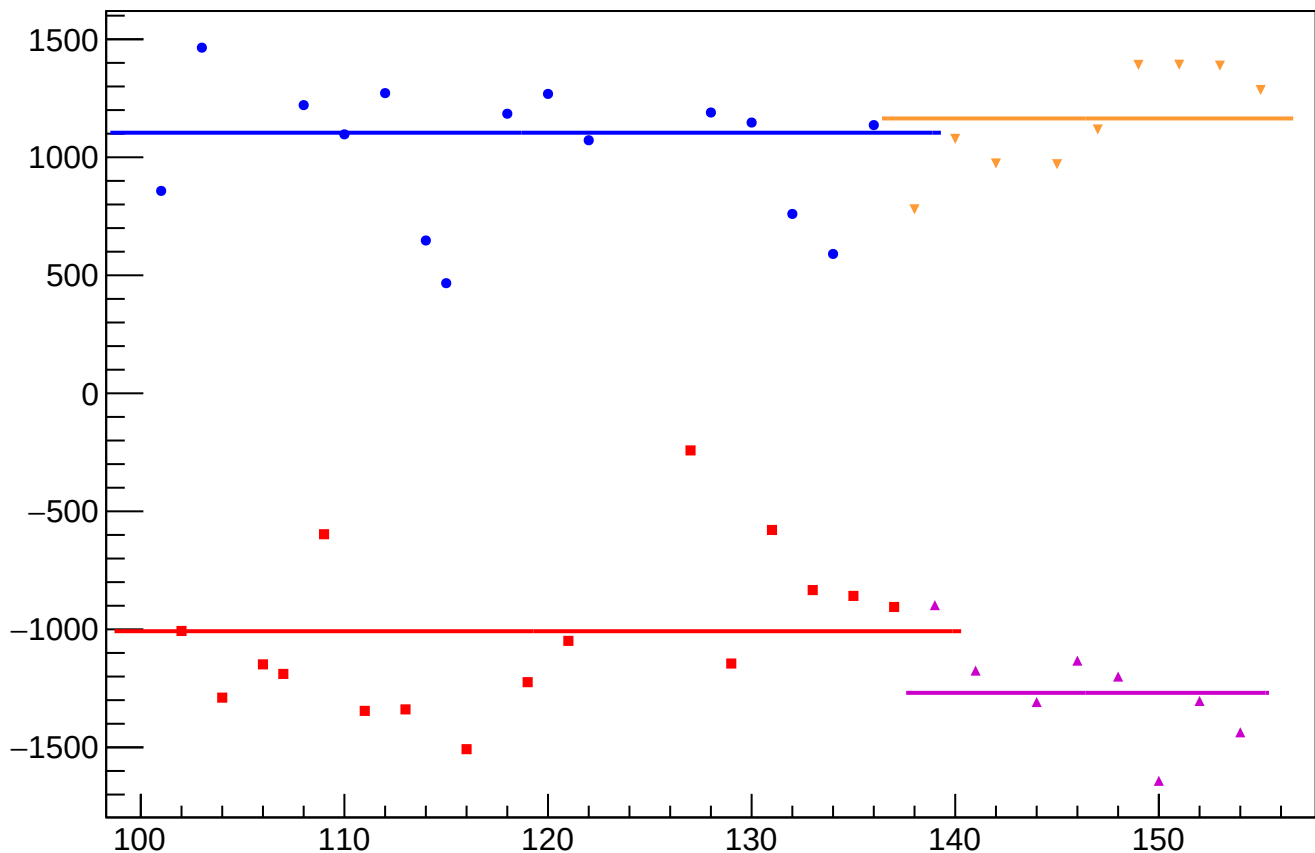
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6081.717+/-0.000 χ^2/NDF : 759753210261833299174098447476405043200.0/8
 Right Out: -2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: -6568.062+/-0.000 χ^2/NDF : 205070232947575856489808511942678020096.0/7
 All: -50.994+/-0.000 χ^2/NDF : 694795711486

dit_usl_coil3_err_mean vs Slug, Sign Corrected



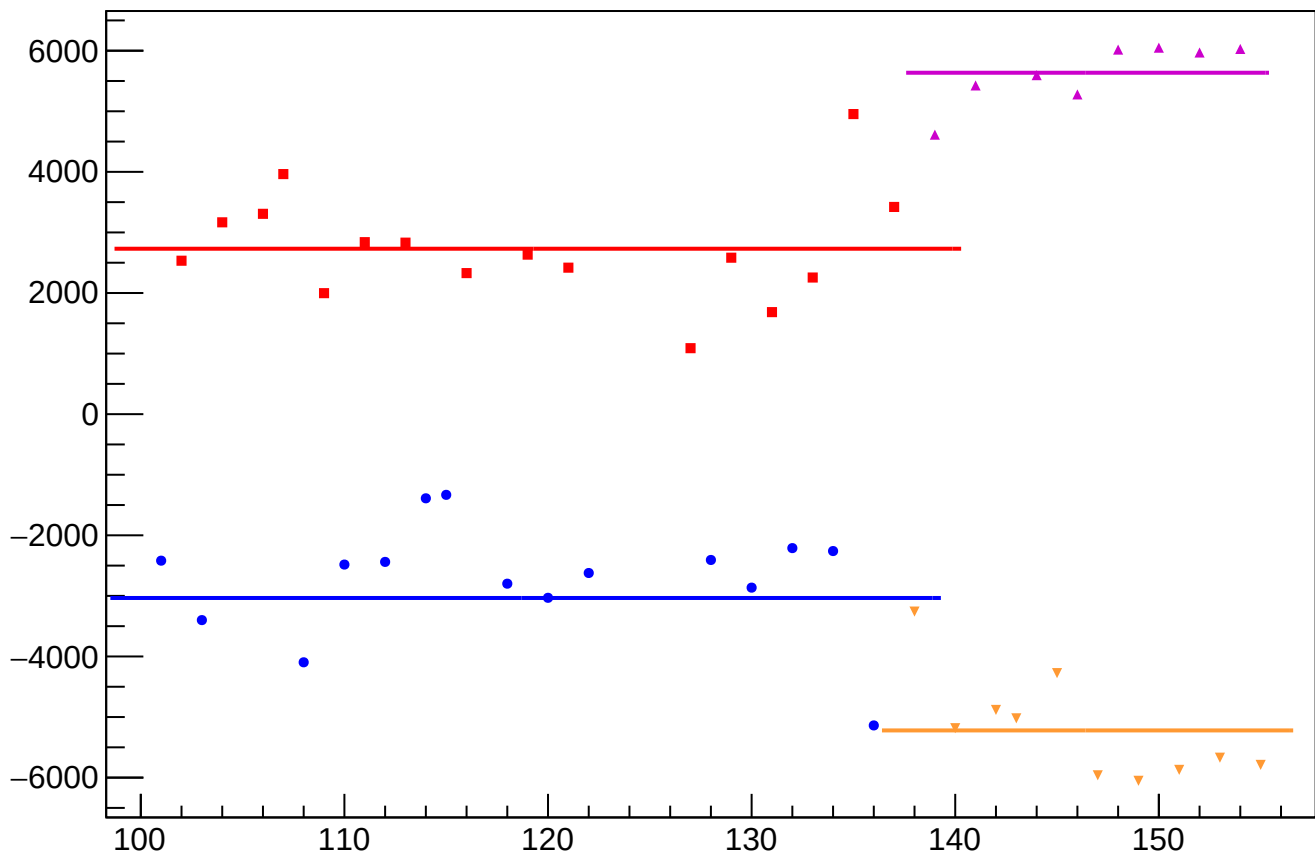
Left: -9.042 +/- 0.000 χ^2/NDF : 49964864653234214
 Right: -13.554 +/- 0.000 χ^2/NDF : 109883652295878
 In: 1.947 +/- 0.000 χ^2/NDF : 7668397038626447706
 Out: -24.241 +/- 0.000 χ^2/NDF : 8271603732992419
 All: -11.244 +/- 0.000 χ^2/NDF : 159862227588

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1164.515+/-0.000 χ^2/NDF : 30797390030797181343583441085169401856.0/8
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7
 All: -9.414+/-0.000 χ^2/NDF : 3677015221194

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527+/-0.000

Left Out: -5220.903+/-0.000

Right Out: 2731.035+/-0.000

Left In: 5636.211+/-0.000

χ^2/NDF : 630694553353463868547335175090919702528.0/14

χ^2/NDF : 557405826406445865613043626549704654848.0/9

χ^2/NDF : 528290847703567991555694629239211950080.0/15

χ^2/NDF : 150410045003169590469793528193285619712.0/7

Left: -51.206+/-0.000 χ^2/NDF : 4325283256548125

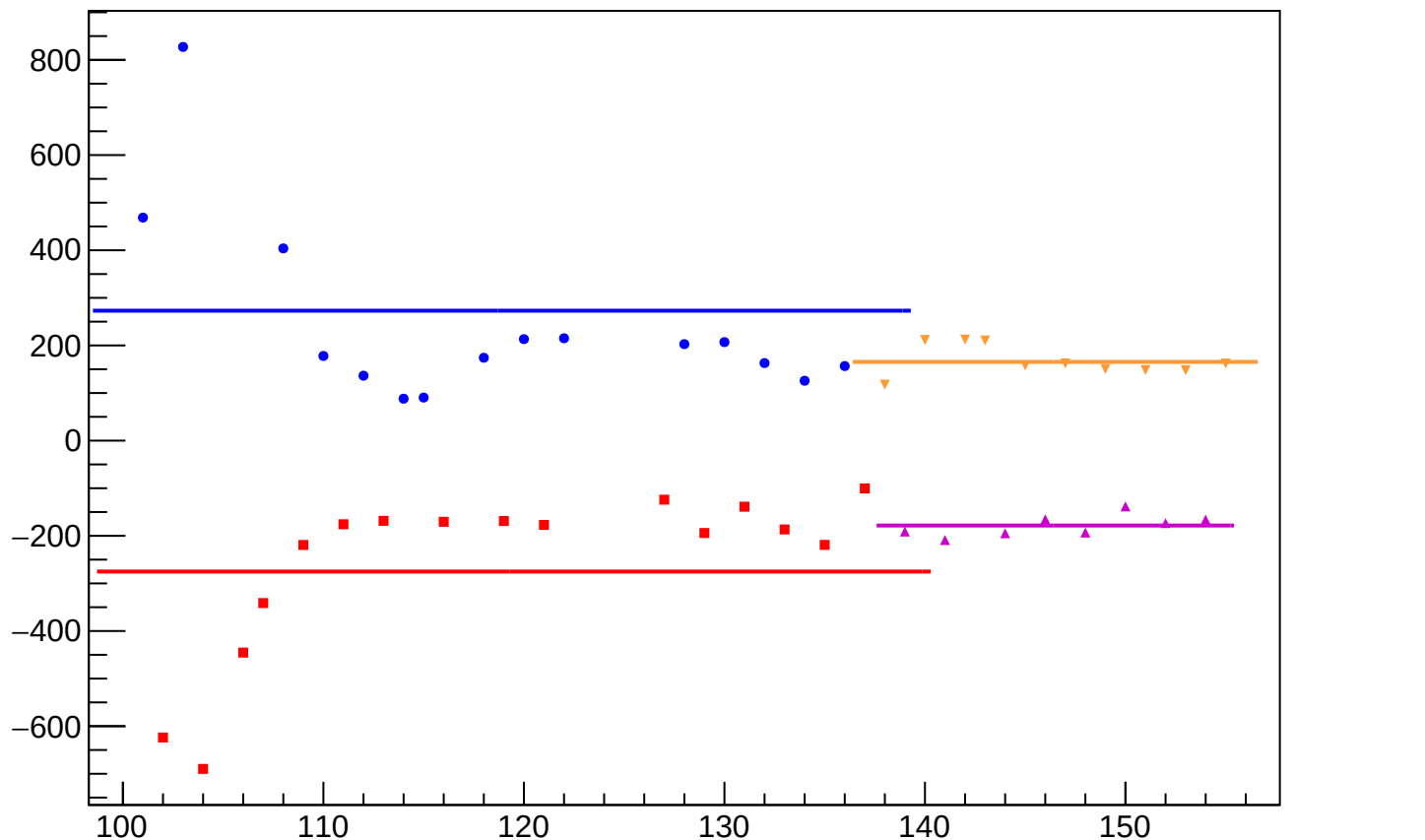
Right: -112.316+/-0.000 χ^2/NDF : 12093460154256

In: 1430.449+/-0.000 χ^2/NDF : 2590690868190214

Out: -1498.838+/-0.000 χ^2/NDF : 23520698422910

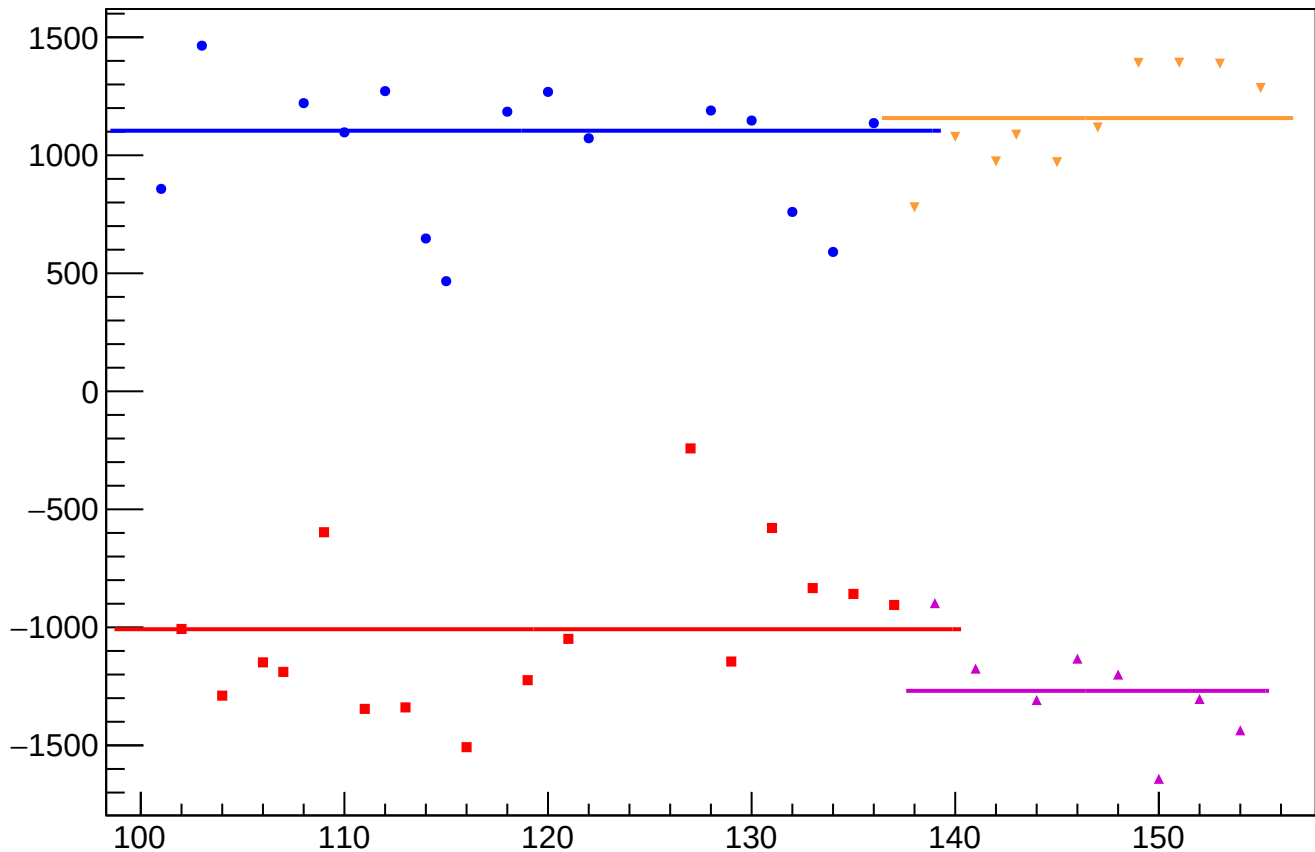
All: -80.312+/-0.000 χ^2/NDF : 553488664979

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 165.454+/-0.000 χ^2/NDF : 662923667595376648972403904146833408.0/9
 Right Out: -275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: -178.375+/-0.000 χ^2/NDF : 311075101467857028908476603937325056.0/7
 All: -1.353+/-0.000 χ^2/NDF : 1912333311605

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

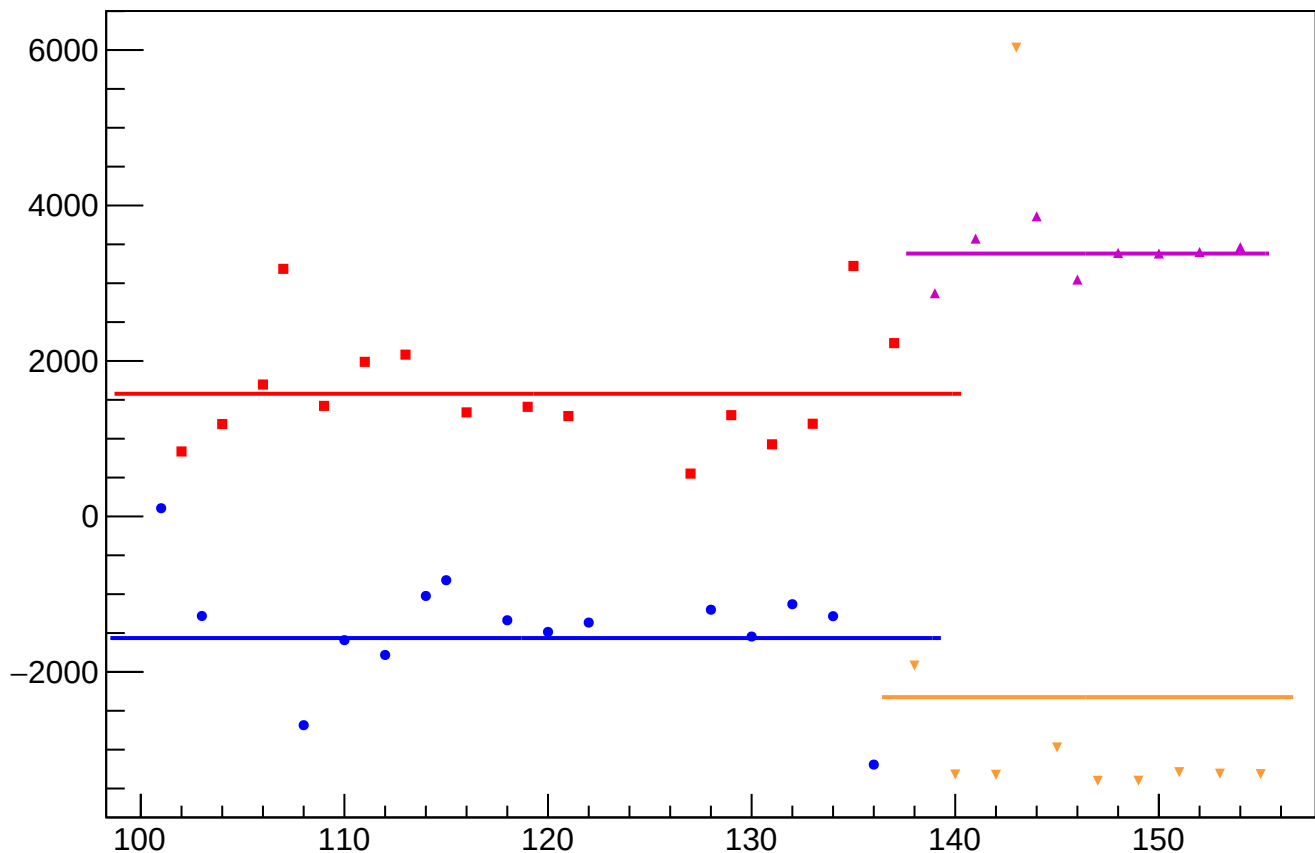
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000

Left Out: -2324.760+/-0.000

Right Out: 1578.178+/-0.000

Left In: 3381.464+/-0.000

χ^2/NDF : 483874800978571042578975757029039144960.0/14

χ^2/NDF : 5270957070232123461692688120416640696320.0/9

χ^2/NDF : 368450572556217564071963203581098590208.0/15

χ^2/NDF : 54606474603667811038478452611247767552.0/7

Left: 392.302+/-0.000 χ^2/NDF : 1707771797518248

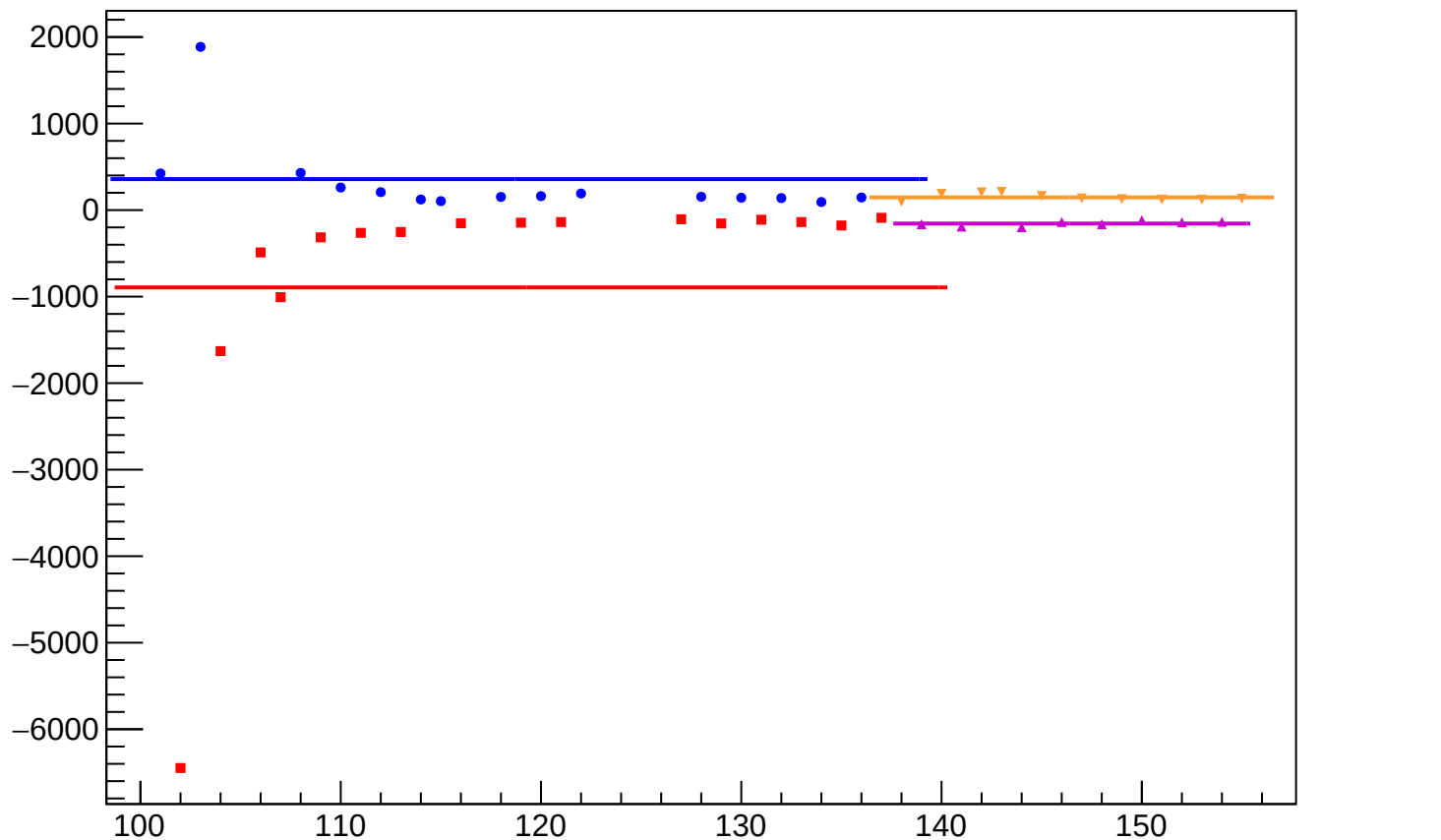
Right: 28.285+/-0.000 χ^2/NDF : 4101258280925694

In: 982.367+/-0.000 χ^2/NDF : 87142096003473385

Out: -497.911+/-0.000 χ^2/NDF : 110440057634797

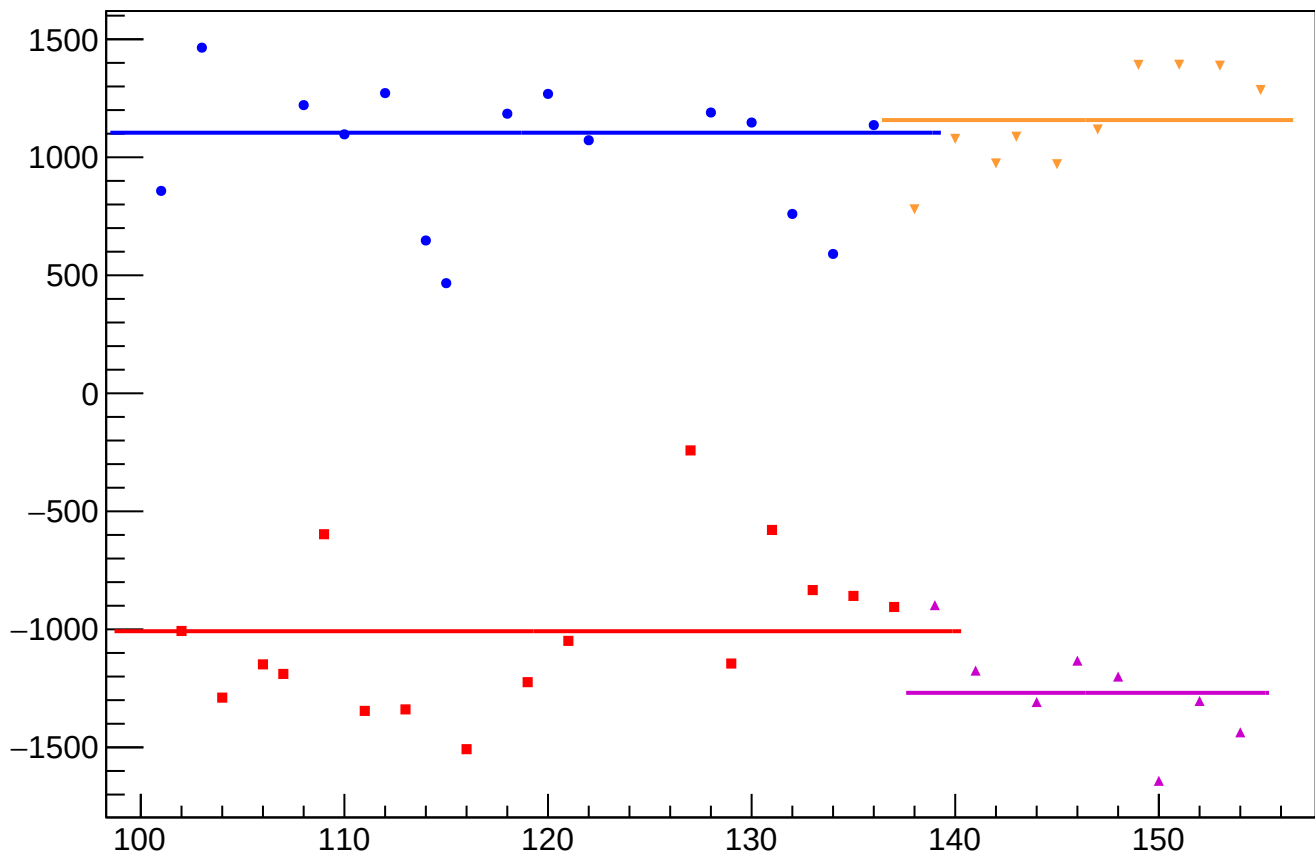
All: 218.923+/-0.000 χ^2/NDF : 212703008928

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 358.080 +/- 0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14
 Left Out: 146.726 +/- 0.000 χ^2/NDF : 949380878220576165809434197323939840.0/9
 Right Out: -893.897 +/- 0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15
 Left In: -155.187 +/- 0.000 χ^2/NDF : 499132190465330951553590290095800320.0/7
 All: -130.127 +/- 0.000 χ^2/NDF : 28376004673

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

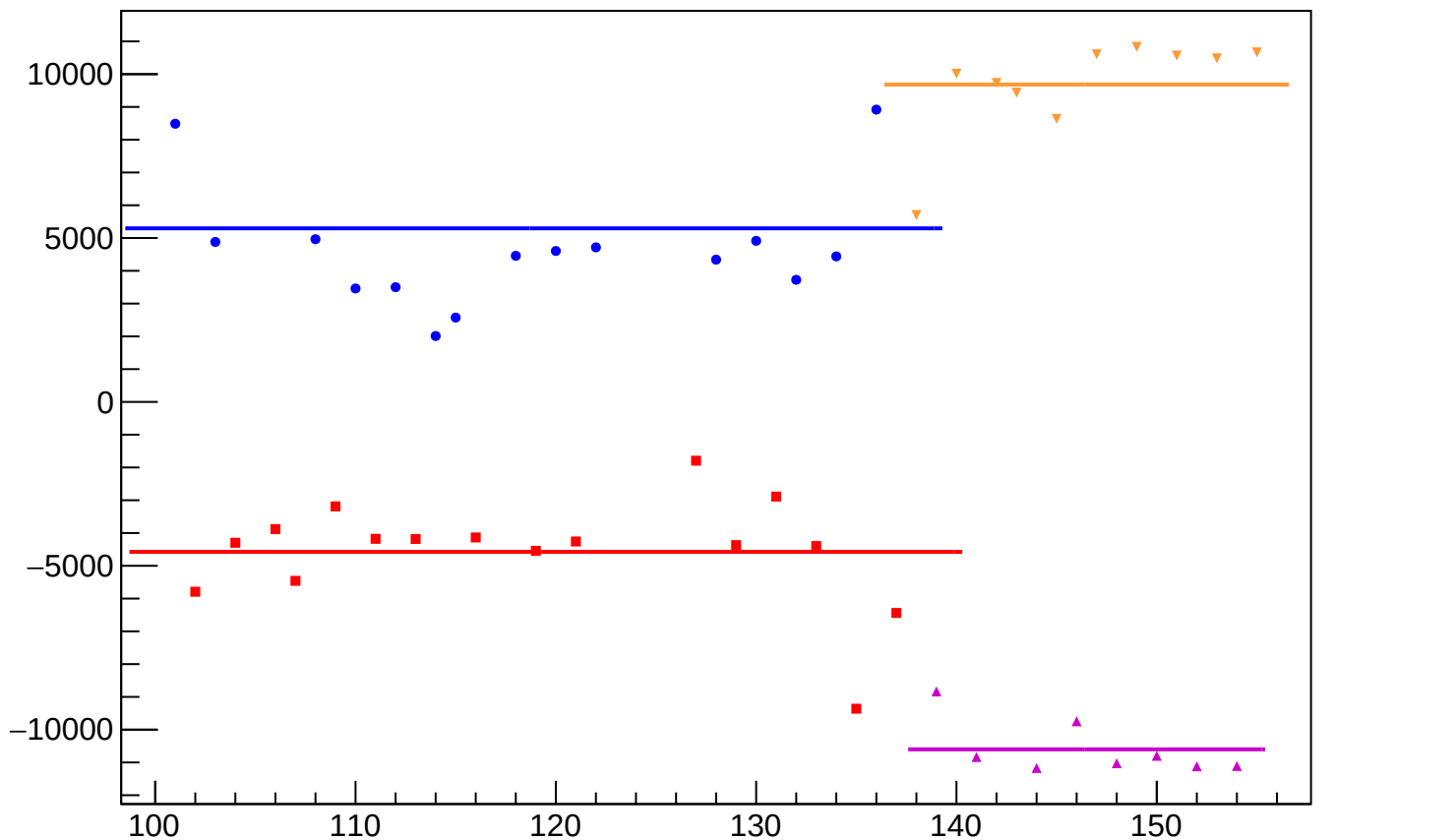
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

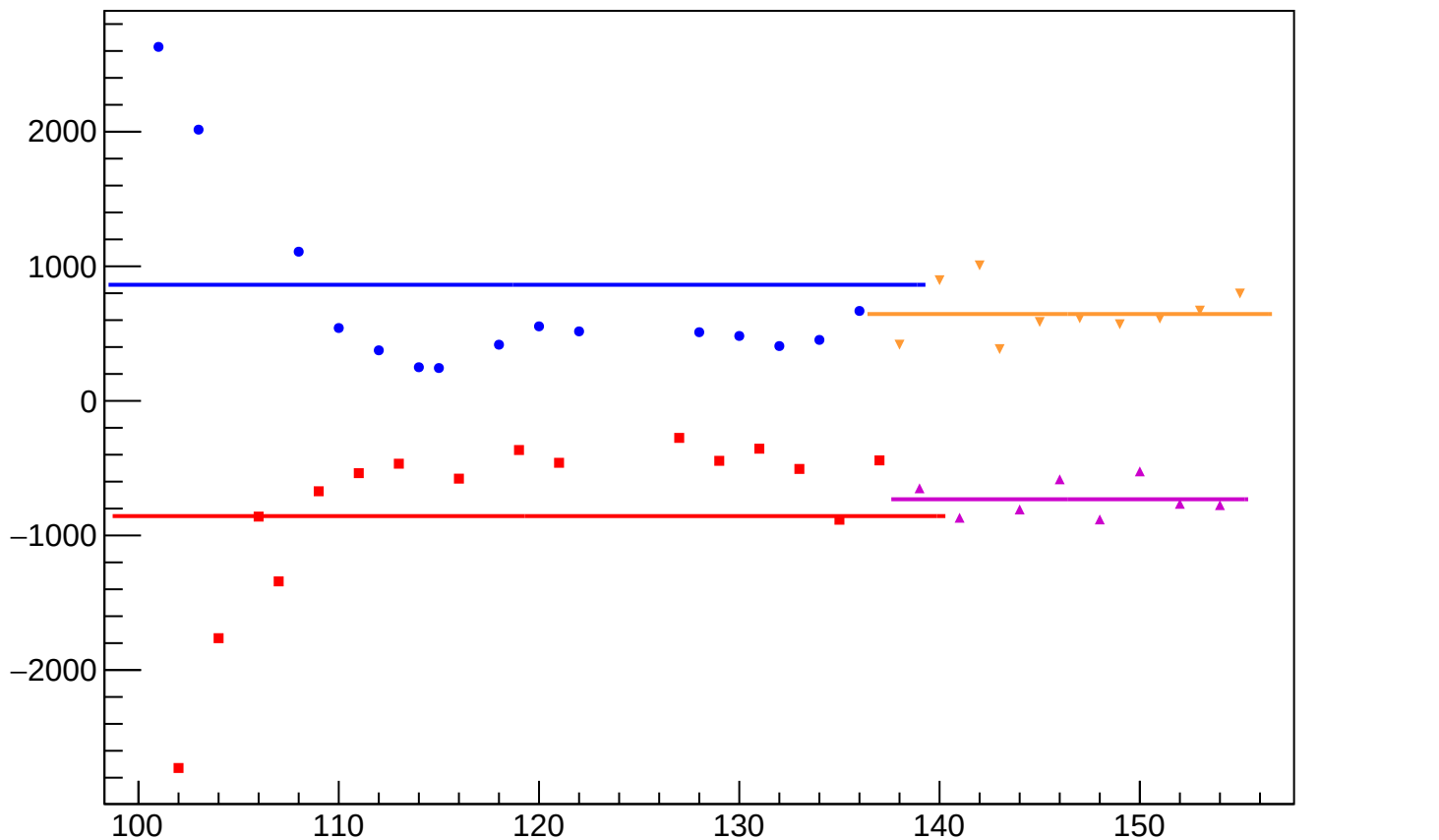
All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_atl2_coil3_mean vs Slug, Sign Corrected



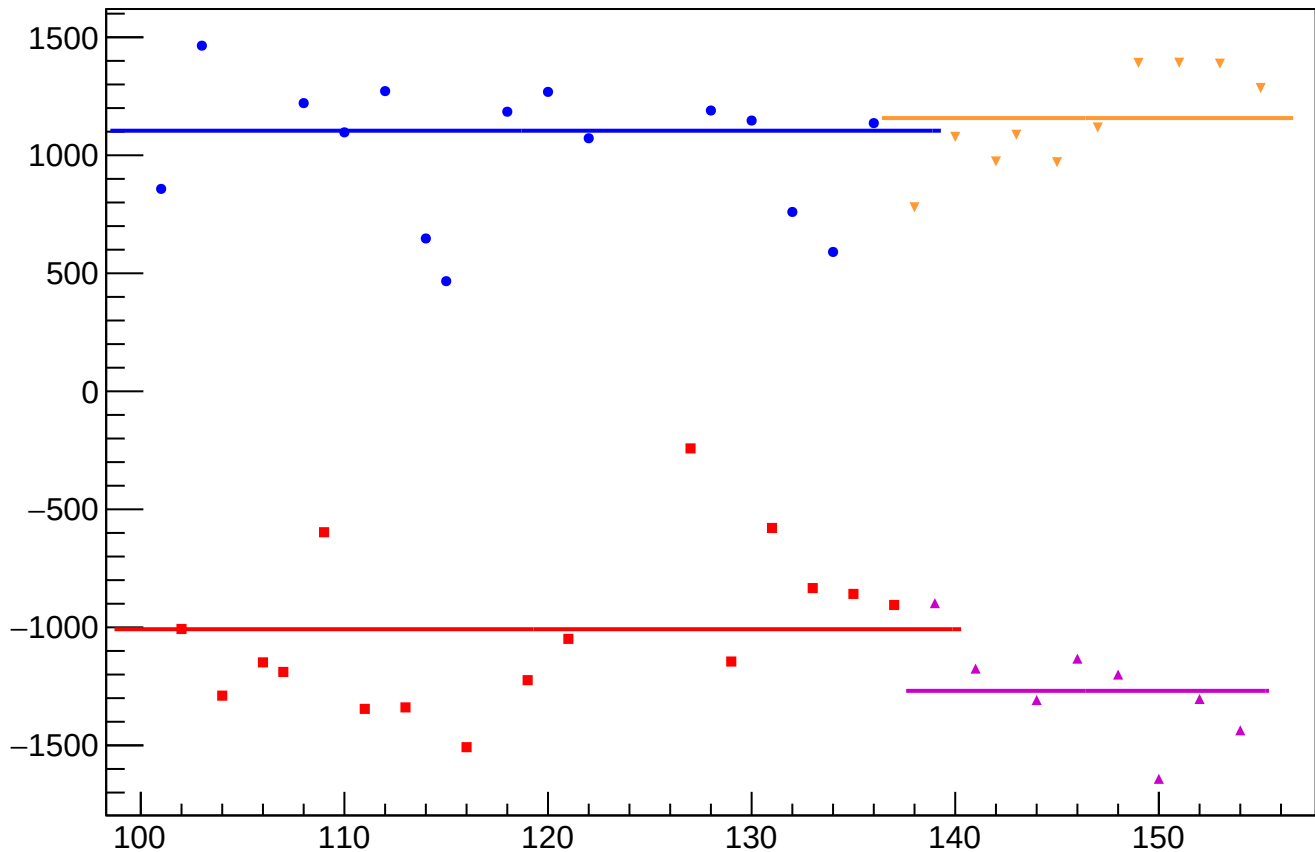
Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 9683.371 $\pm$ 0.000 χ^2 /NDF: 1708059449477984566341663518366917197824.0/9
 Right Out: -4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: -10600.410 $\pm$ 0.000 χ^2 /NDF: 411829174140564321375597282867871219712.0/7
 All: 152.507 $\pm$ 0.000 χ^2 /NDF: 187084249108

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 862.683 +/- 0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14
 Left Out: 645.302 +/- 0.000 χ^2/NDF : 22626627746098184410050484125594288128.0/9
 Right Out: -856.059 +/- 0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15
 Left In: -731.081 +/- 0.000 χ^2/NDF : 10528904664227868545789648911355346944.0/7
 All: -9.296 +/- 0.000 χ^2/NDF : 2353496941998

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

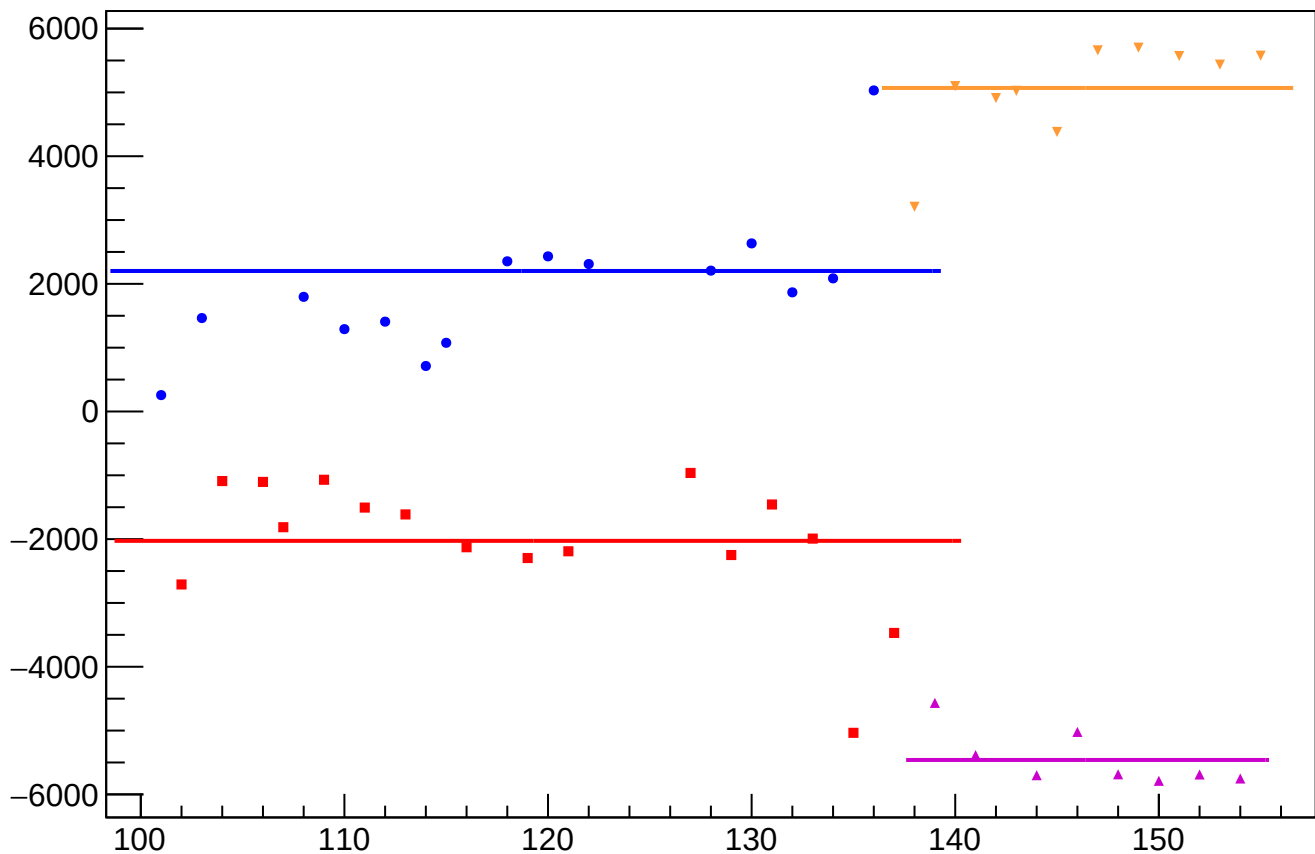
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 2201.844+/-0.000

χ^2/NDF : 1086544775216266395419904724422998622208.0/14

Left Out: 5069.854+/-0.000

χ^2/NDF : 421987584116776829787804451950081081344.0/9

Right Out: -2026.969+/-0.000

χ^2/NDF : 708626456603410705124518299956645199872.0/15

Left In: -5460.520+/-0.000

χ^2/NDF : 112366287124810410809571769221797380096.0/7

Left: 55.737+/-0.000 χ^2/NDF : 40557152133521718

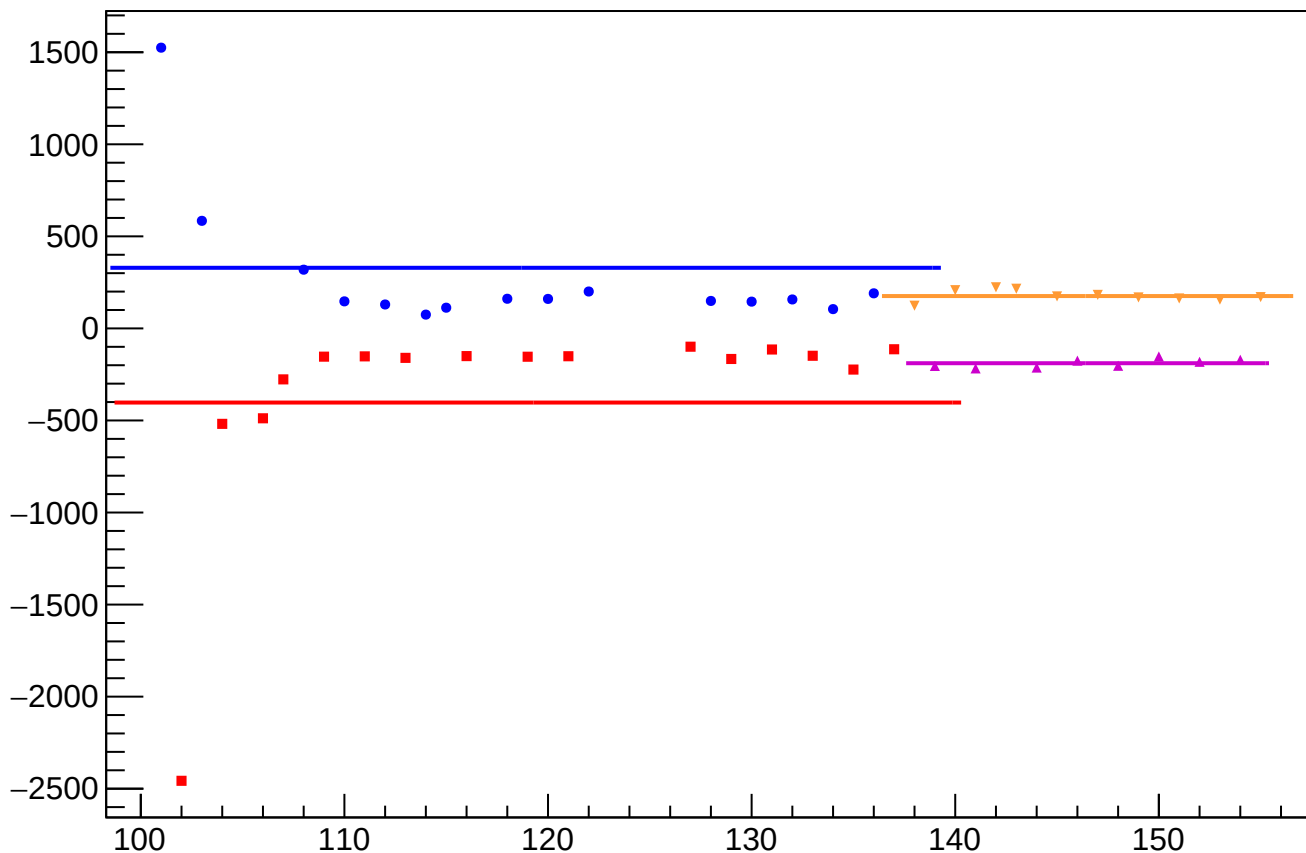
Right: 58.517+/-0.000 χ^2/NDF : 7677530711207331

In: -1743.873+/-0.000 χ^2/NDF : 208204615131262

Out: 1748.043+/-0.000 χ^2/NDF : 189999365138493

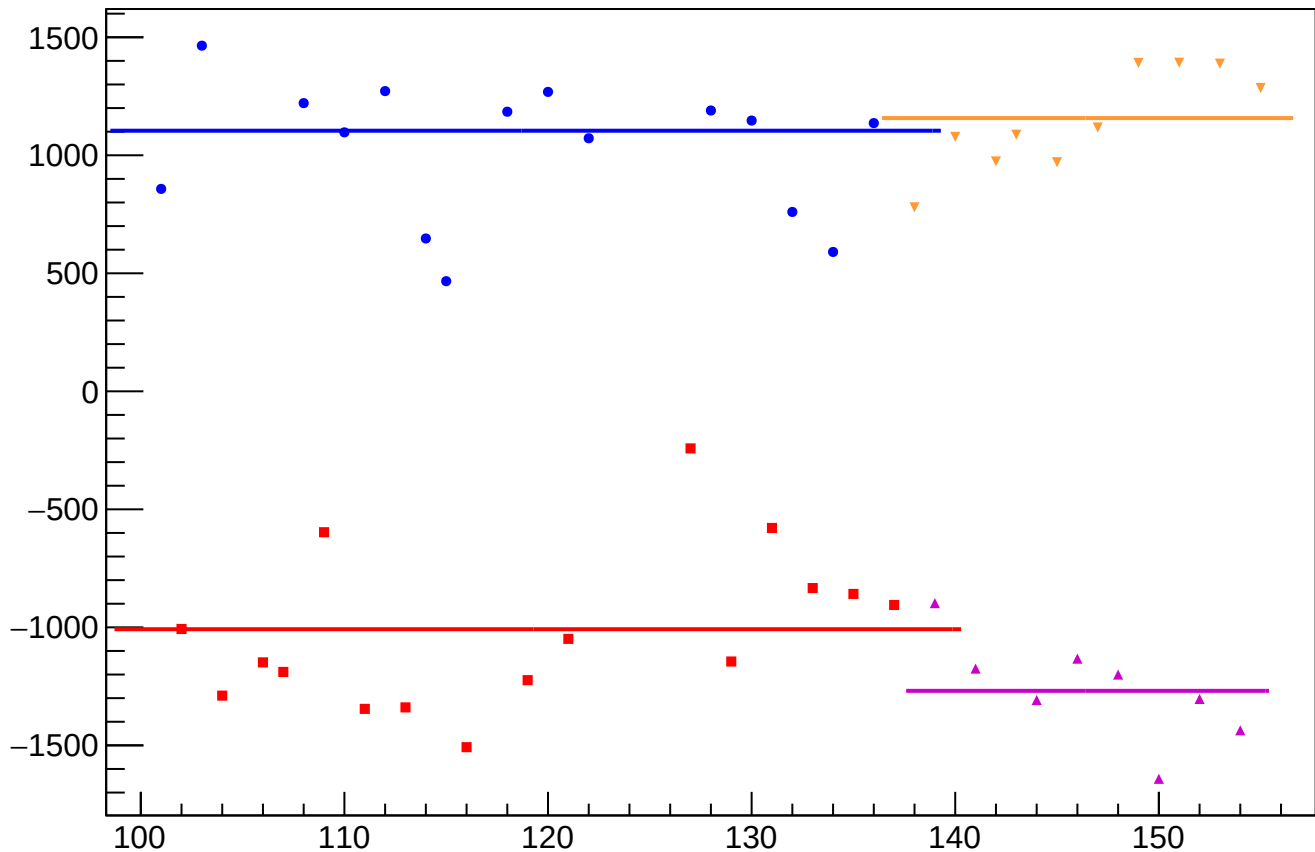
All: 57.061+/-0.000 χ^2/NDF : 4823468817222

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 329.229 $\pm$ 0.000 χ^2 /NDF: 103285029091922742033837903437132464128.0/14
 Left Out: 175.722 $\pm$ 0.000 χ^2 /NDF: 562714668028302246927455354015973376.0/9
 Right Out: -402.690 $\pm$ 0.000 χ^2 /NDF: 277636056793293374242116053515003494400.0/15
 Left In: -189.058 $\pm$ 0.000 χ^2 /NDF: 326634332611516759826269258756653056.0/7
 All: -18.816 $\pm$ 0.000 χ^2 /NDF: 607371307075

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

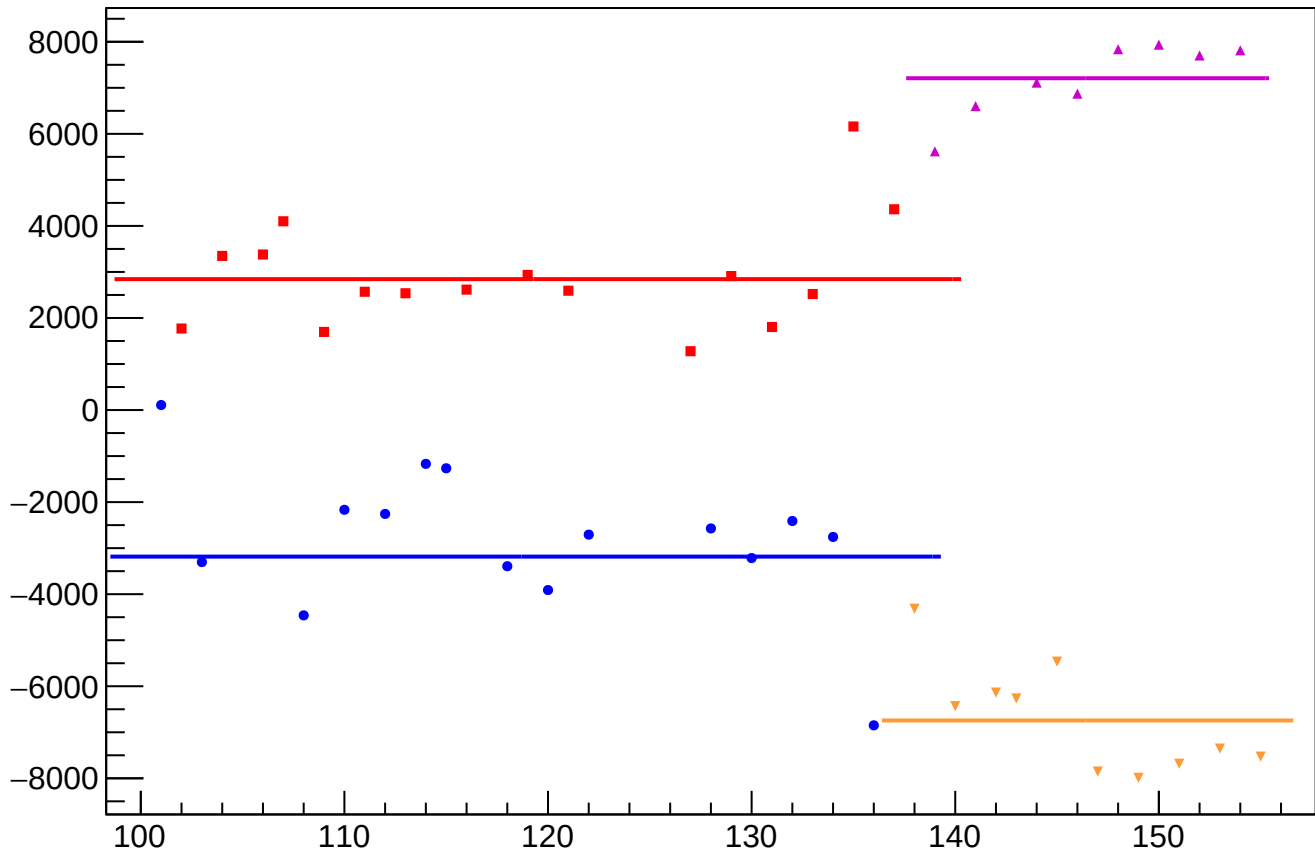
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928+/-0.000

χ^2/NDF : 2134923281384422537296044119642733543424.0/14

Left Out: -6743.417+/-0.000

χ^2/NDF : 1007490561817163440894773844455387561984.0/9

Right Out: 2843.597+/-0.000

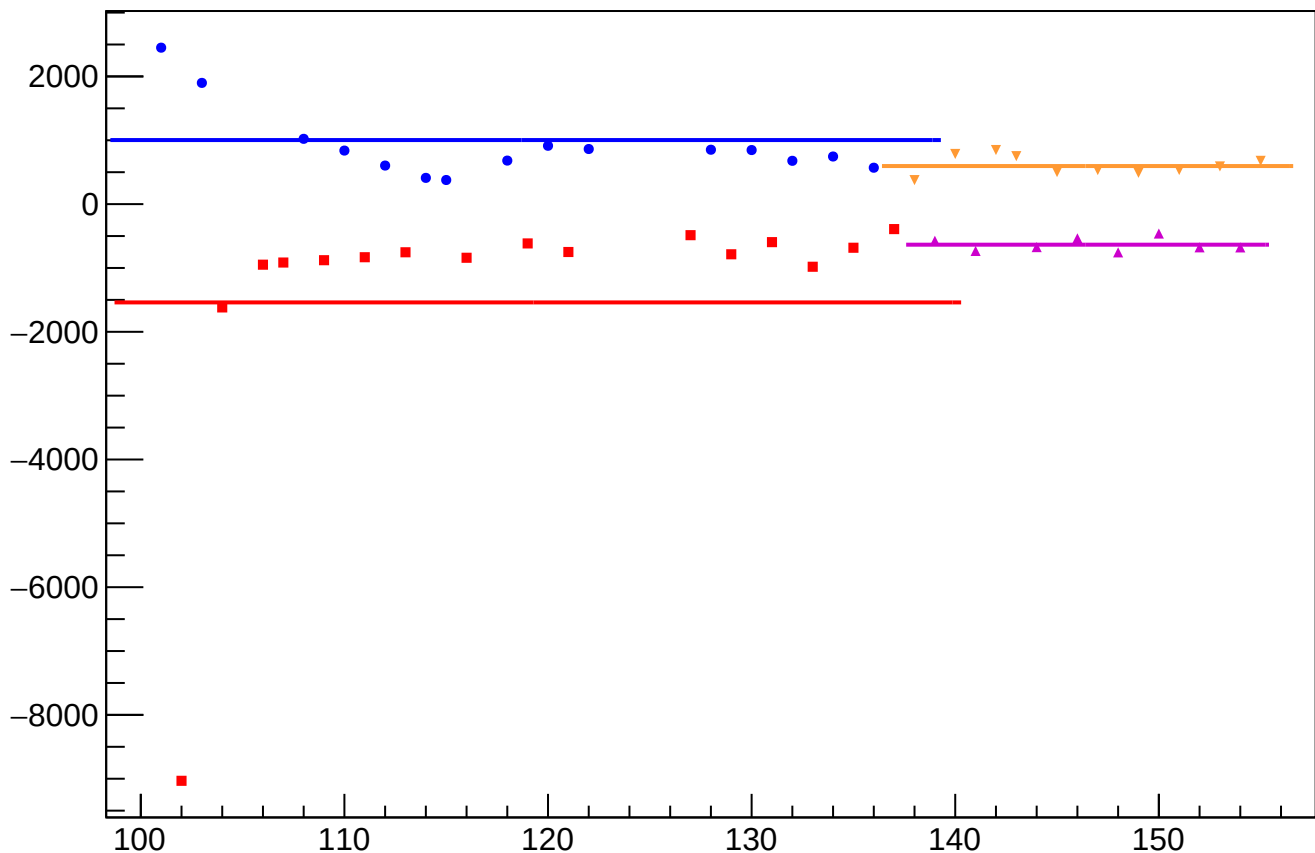
χ^2/NDF : 947077611563723244705531091944015396864.0/15

Left In: 7208.228+/-0.000

χ^2/NDF : 381236106651605891799400646767529689088.0/7

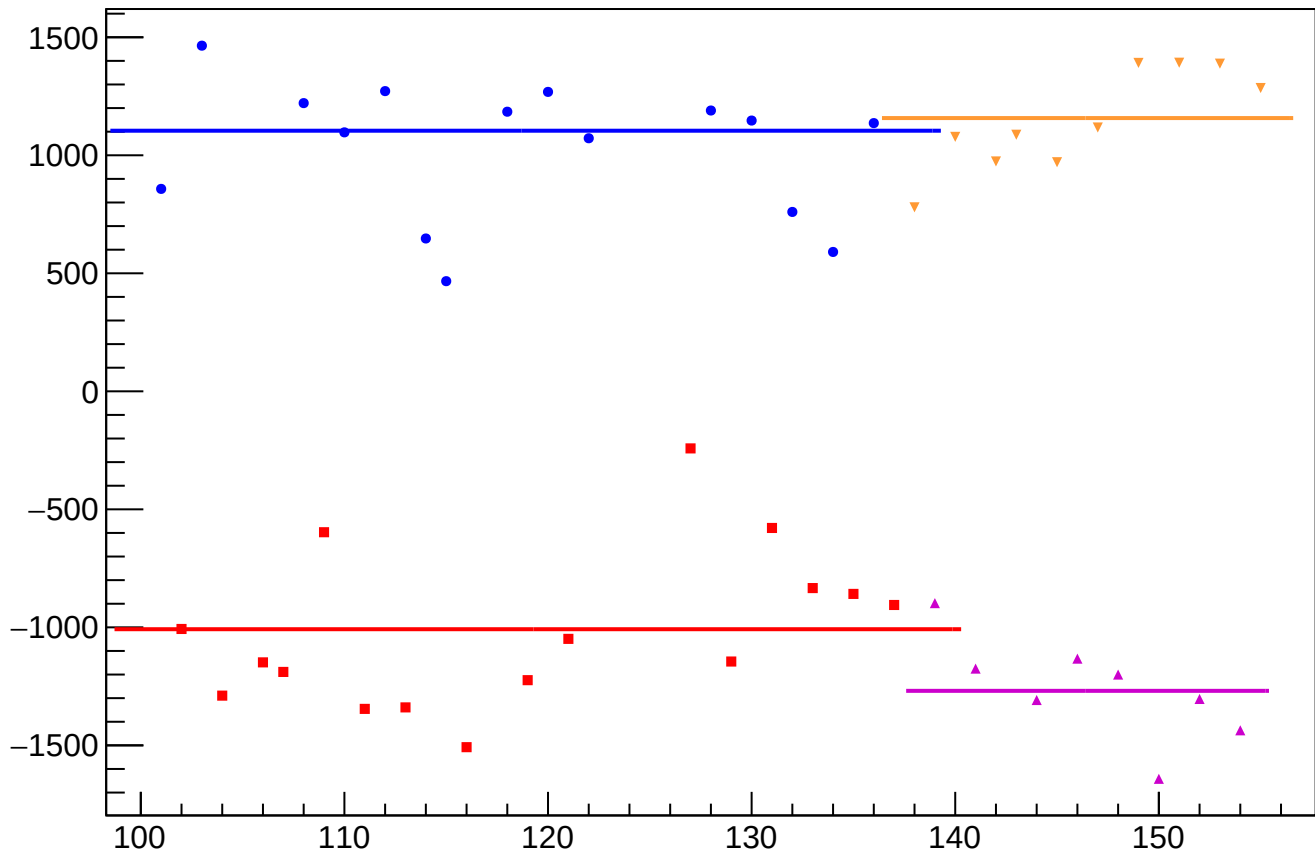
All: -113.909+/-0.000 χ^2/NDF : 86675927149

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 596.305+/-0.000 χ^2/NDF : 14054079905400304003479813728336084992.0/9
 Right Out: -1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: -635.415+/-0.000 χ^2/NDF : 6380443067081534863407194145197916160.0/7
 All: -130.830+/-0.000 χ^2/NDF : 65898456798

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

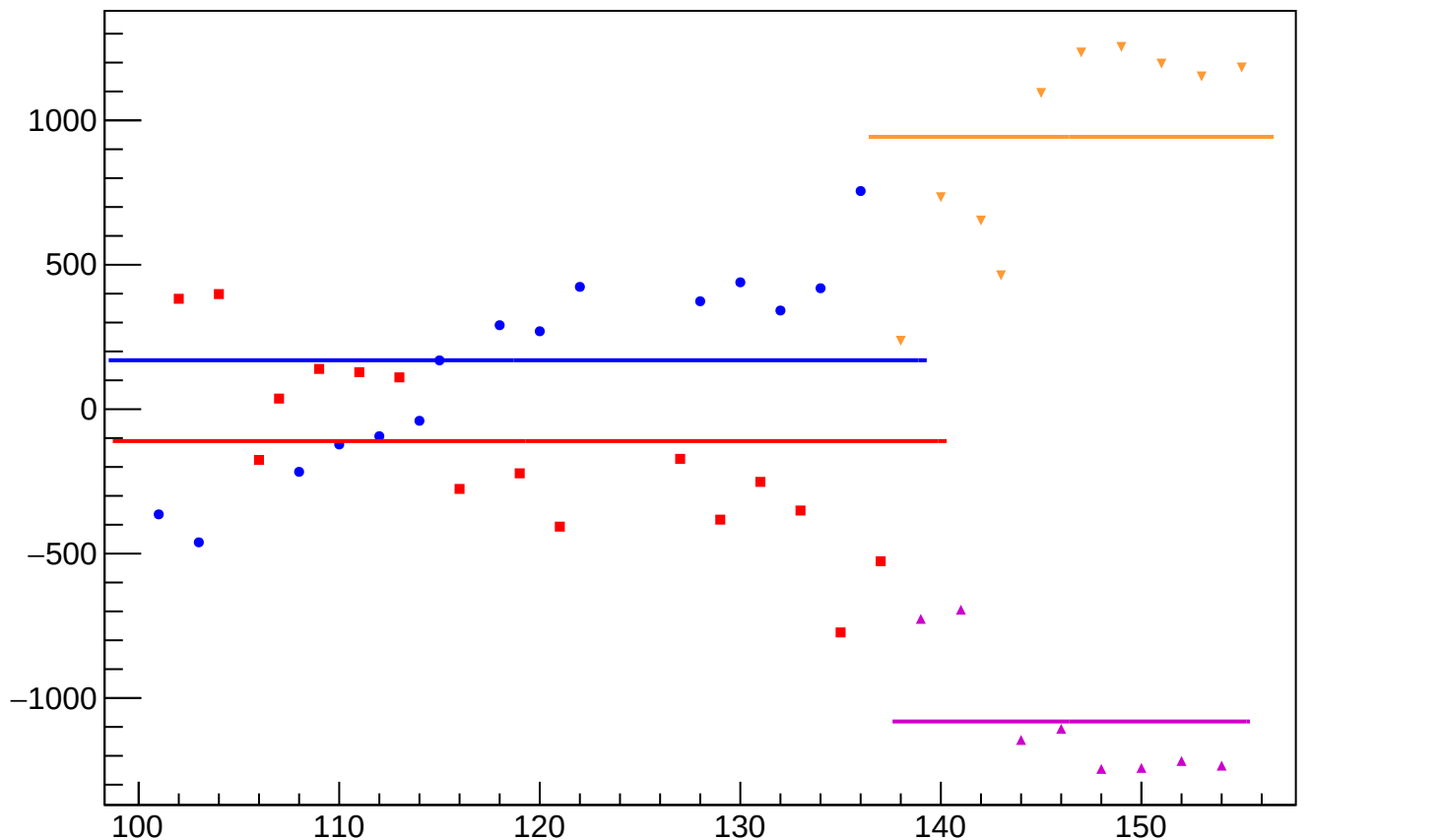
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

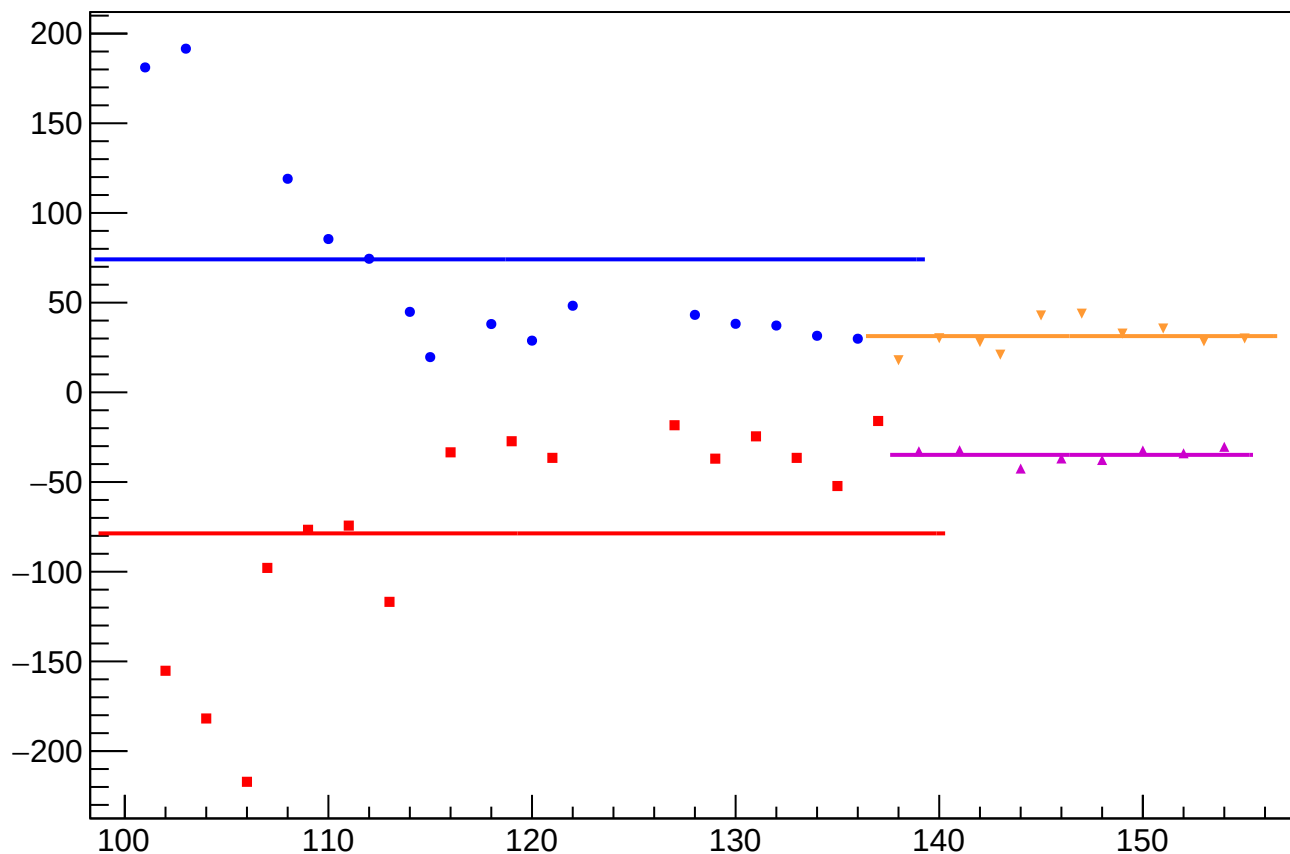
All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_sam1_coil3_mean vs Slug, Sign Corrected



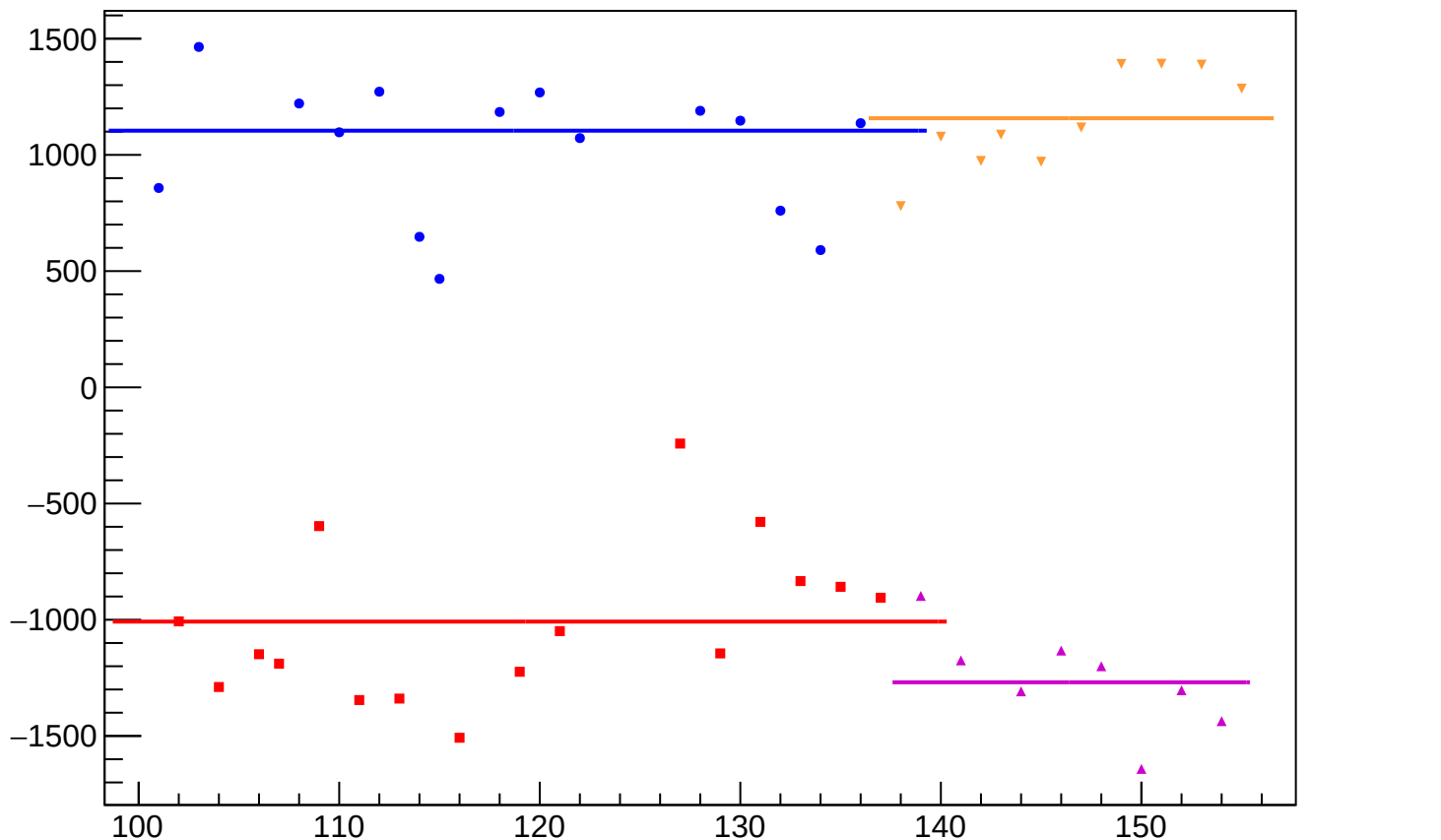
Right In: 169.489 +/- 0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14
 Left Out: 942.952 +/- 0.000 χ^2/NDF : 91665695147841495524459715084523929600.0/9
 Right Out: -110.289 +/- 0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15
 Left In: -1081.150 +/- 0.000 χ^2/NDF : 31691568166123860905433996852769849344.0/7
 All: 2.273 +/- 0.000 χ^2/NDF : 17966509879727

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



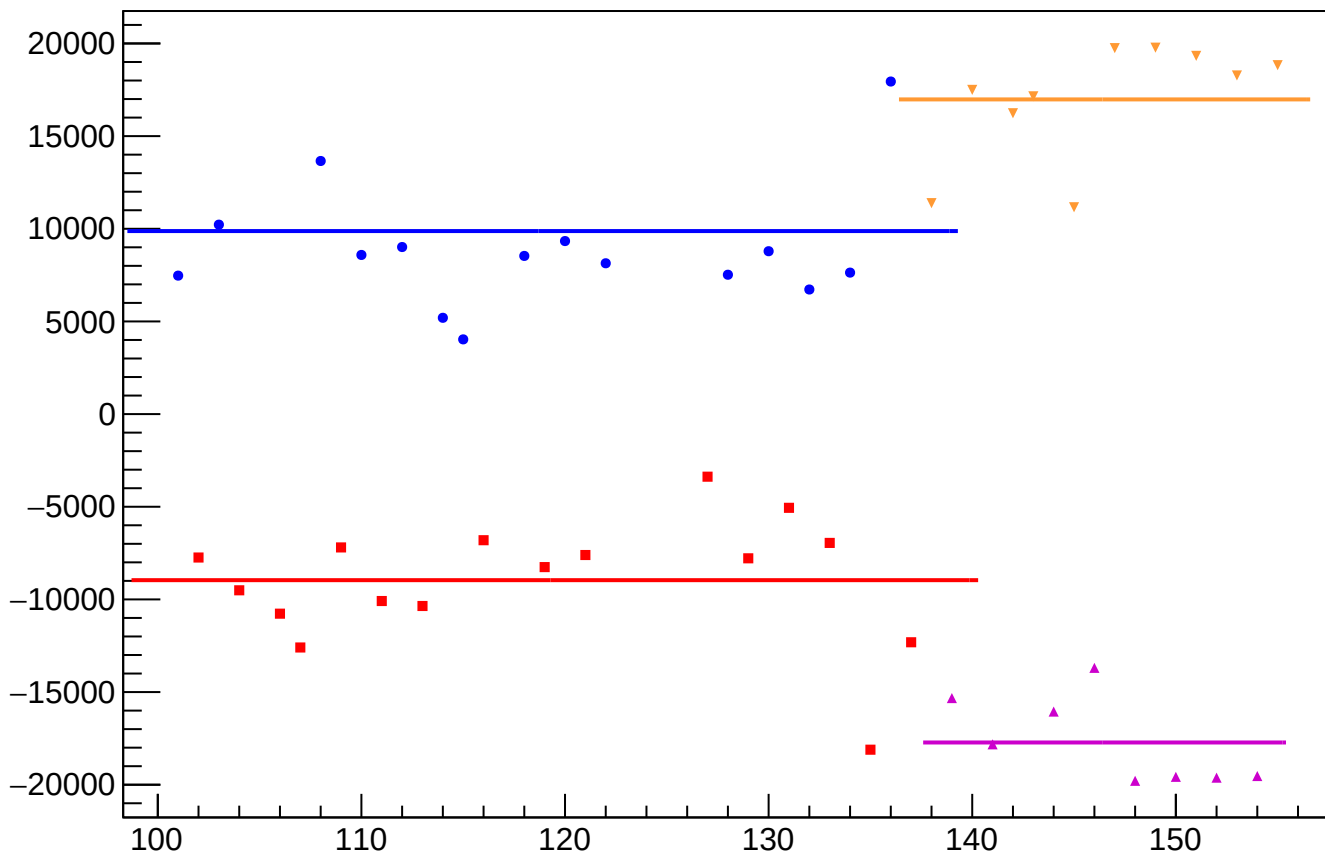
Right In: 74.129 ± 0.000 $\chi^2/\text{NDF}: 2168375717401207322620658258081218560.0/14$
 Left Out: 31.348 ± 0.000 $\chi^2/\text{NDF}: 47267184392169565211453762238939136.0/9$
 Right Out: -78.633 ± 0.000 $\chi^2/\text{NDF}: 2343230336879830638767678903539466240.0/15$
 Left In: -34.860 ± 0.000 $\chi^2/\text{NDF}: 9501011910420551703094358119022592.0/7$
 All: -1.663 ± 0.000 $\chi^2/\text{NDF}: 1383331557664$

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



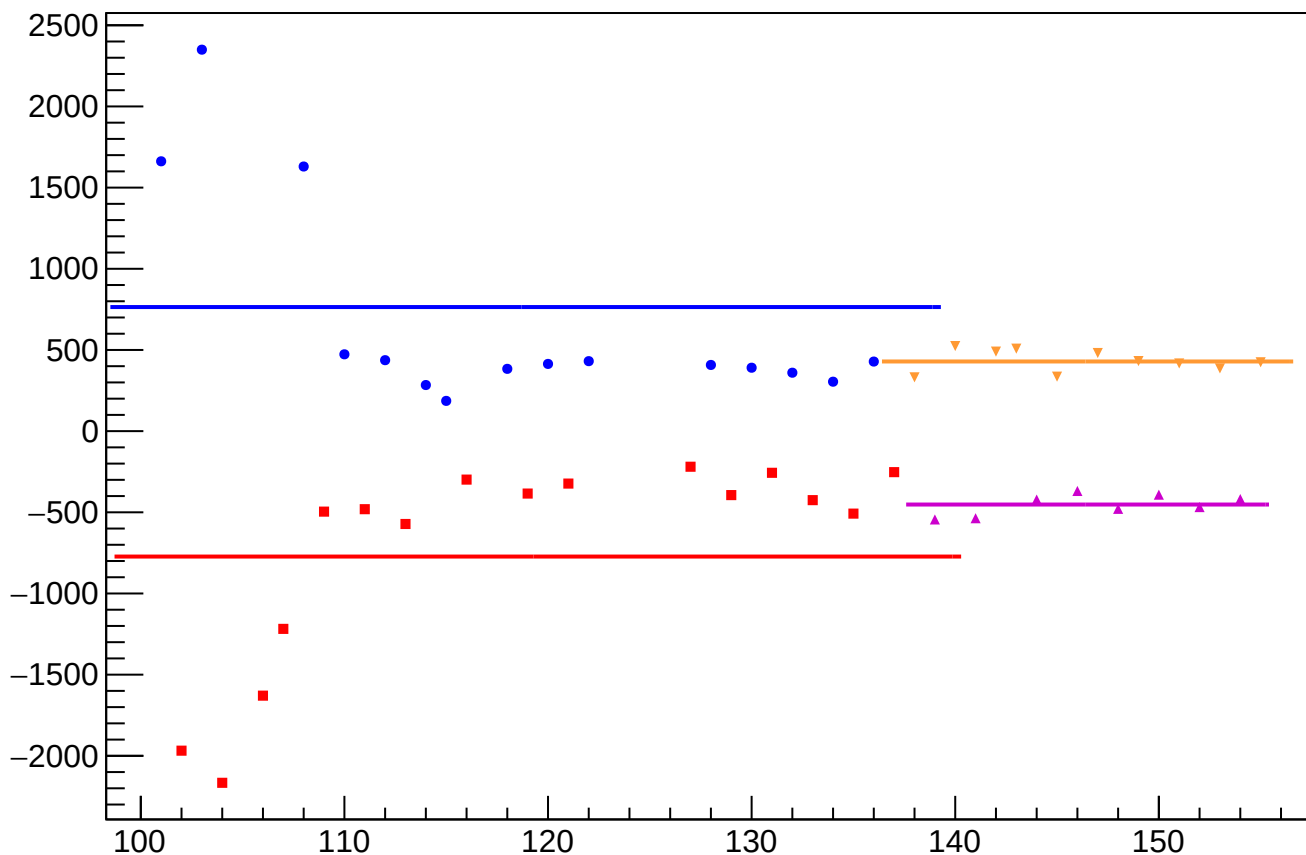
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7
 All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 16980.949+/-0.000 χ^2/NDF : 7328845184407408219300297826110277681152.0/9
 Right Out: -8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: -17720.521+/-0.000 χ^2/NDF : 3336653864318630296384614866346022273024.0/7
 All: 396.166+/-0.000 χ^2/NDF : 578101977290

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

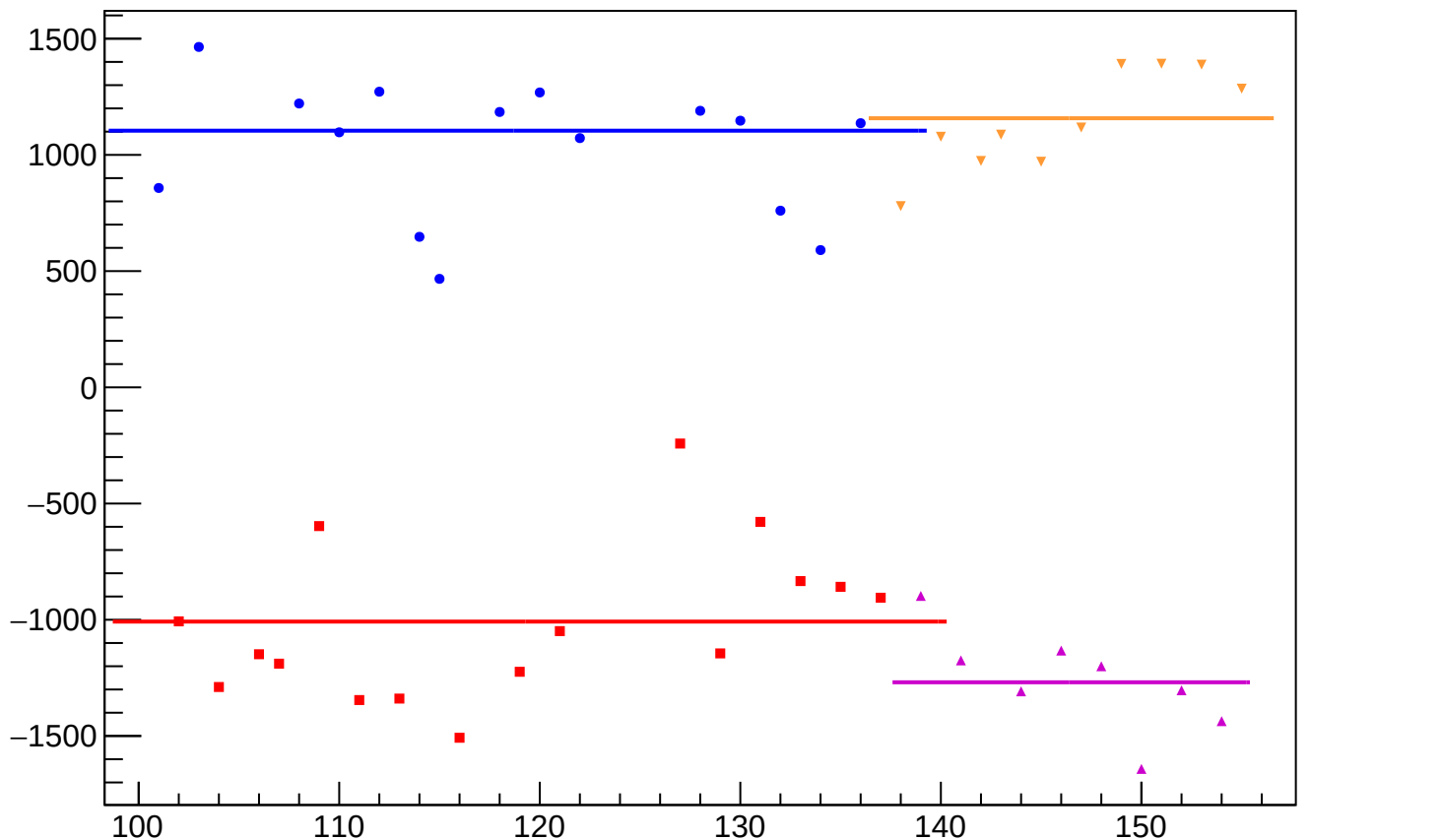
Left Out: 429.058+/-0.000 χ^2/NDF : 3160557716672717101528666844507930624.0/9

Right Out: -772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: -452.118+/-0.000 χ^2/NDF : 2469248645687353920788762149127192576.0/7

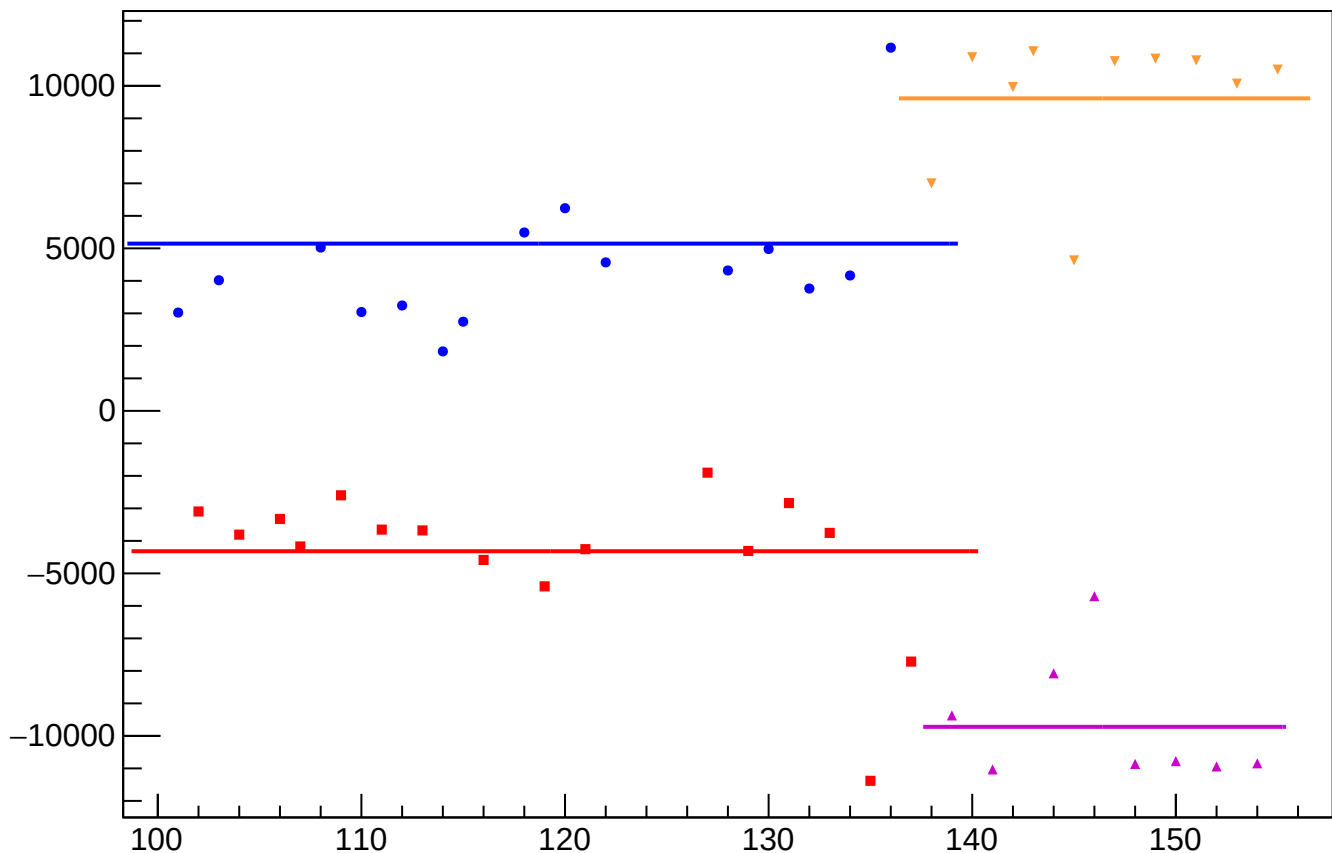
All: -2.009+/-0.000 χ^2/NDF : 1640051180331

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7
 All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 5145.657+/-0.000

χ^2/NDF : 4272867262459372237810540195851662262272.0/14

Left Out: 9614.878+/-0.000

χ^2/NDF : 3236554676750596026448494810344259059712.0/9

Right Out: -4318.126+/-0.000

χ^2/NDF : 3345176554564755427312533888908526616576.0/15

Left In: -9721.297+/-0.000

χ^2/NDF : 2190347482189239494366244430265295306752.0/7

Left: 407.812+/-0.000 χ^2/NDF : 1403732172427370

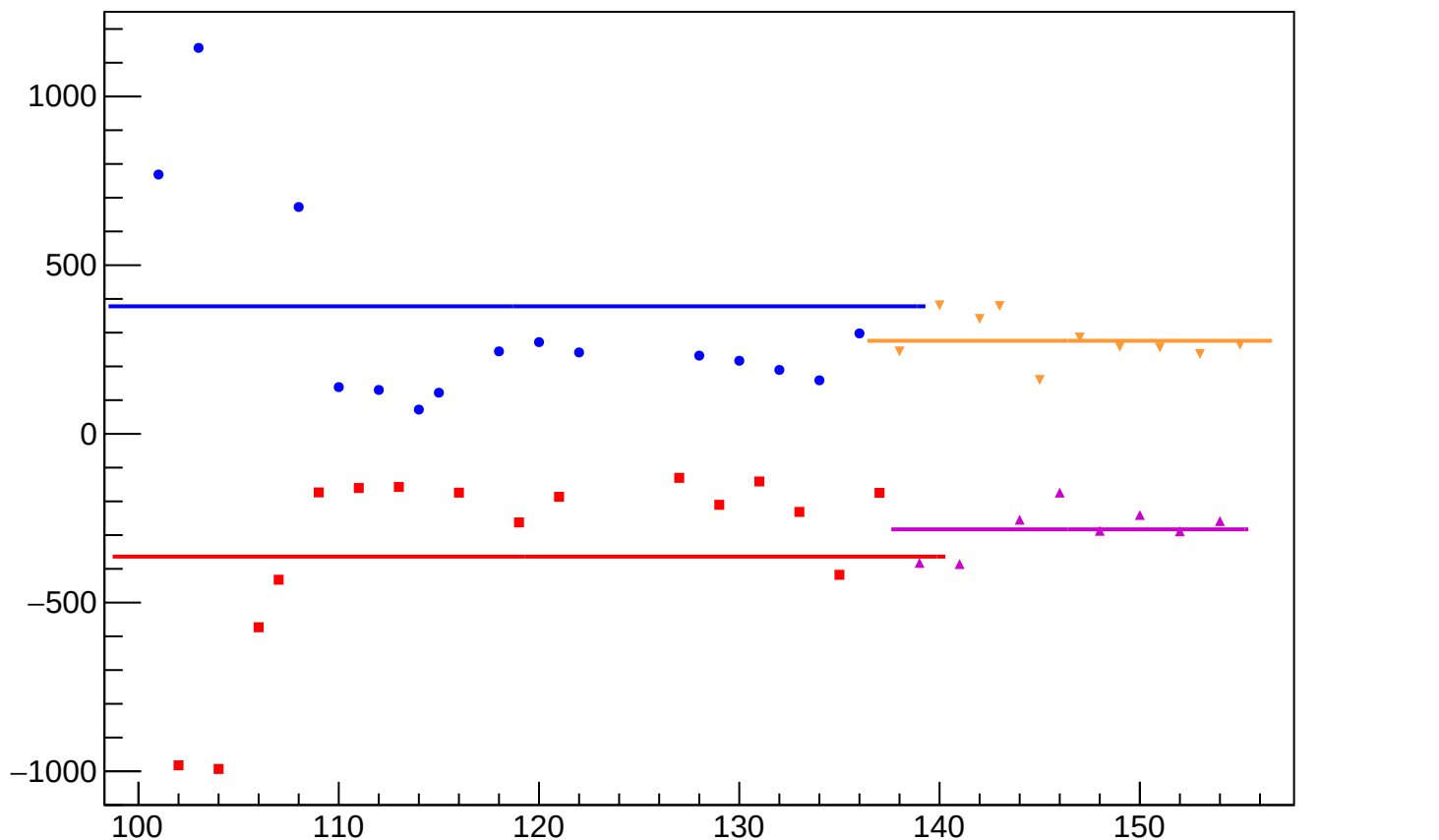
Right: 349.044+/-0.000 χ^2/NDF : 370788219703753

In: -2510.046+/-0.000 χ^2/NDF : 803304420520764

Out: 3093.254+/-0.000 χ^2/NDF : 754580164651303

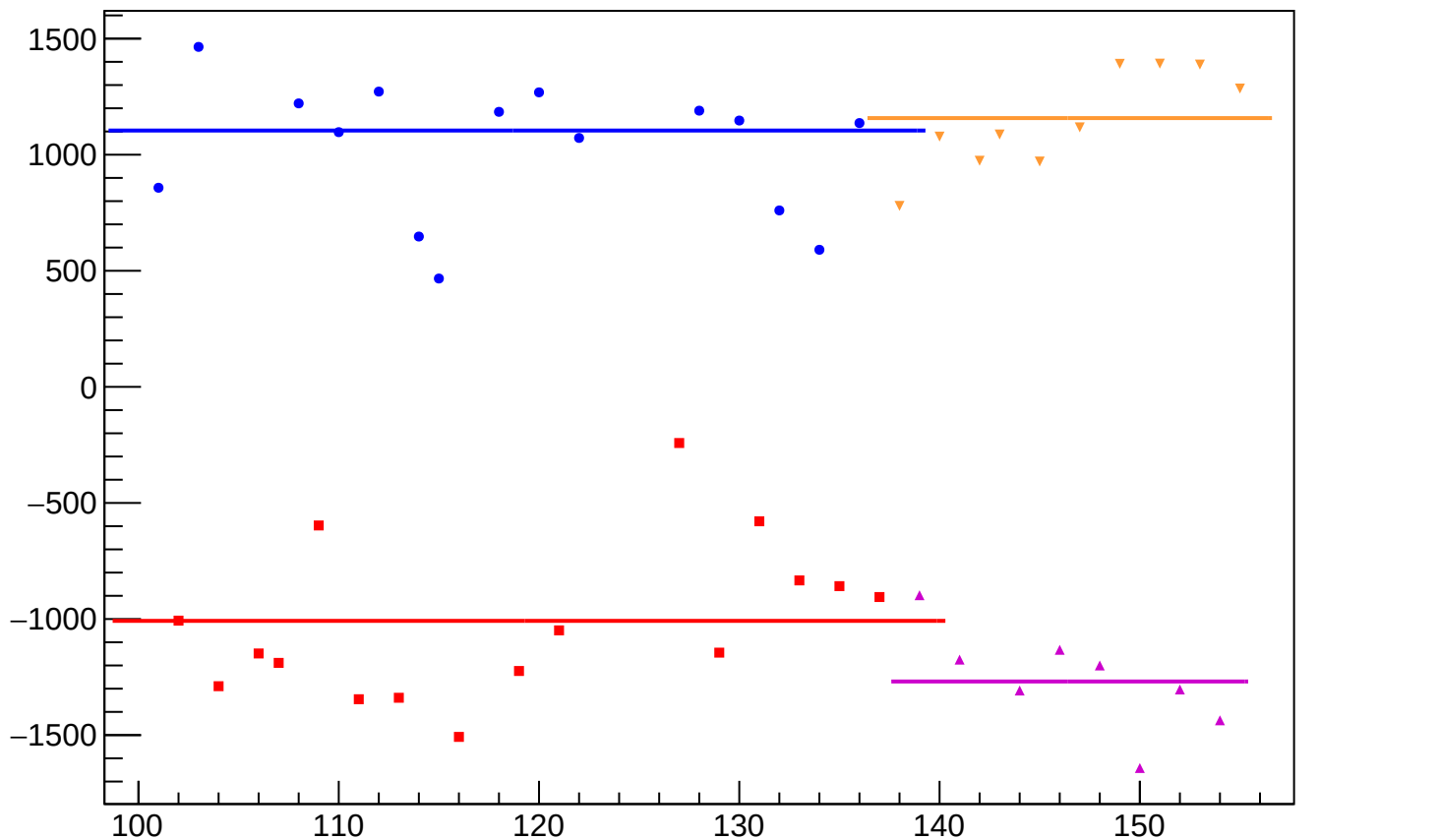
All: 379.821+/-0.000 χ^2/NDF : 177454419523

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 378.052 +/- 0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14
 Left Out: 275.954 +/- 0.000 χ^2/NDF : 3181591471815070624331386615387652096.0/9
 Right Out: -363.772 +/- 0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15
 Left In: -282.911 +/- 0.000 χ^2/NDF : 2977509235340854919394013768738406400.0/7
 All: 6.141 +/- 0.000 χ^2/NDF : 42049314292458

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000

χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: -1007.906+/-0.000

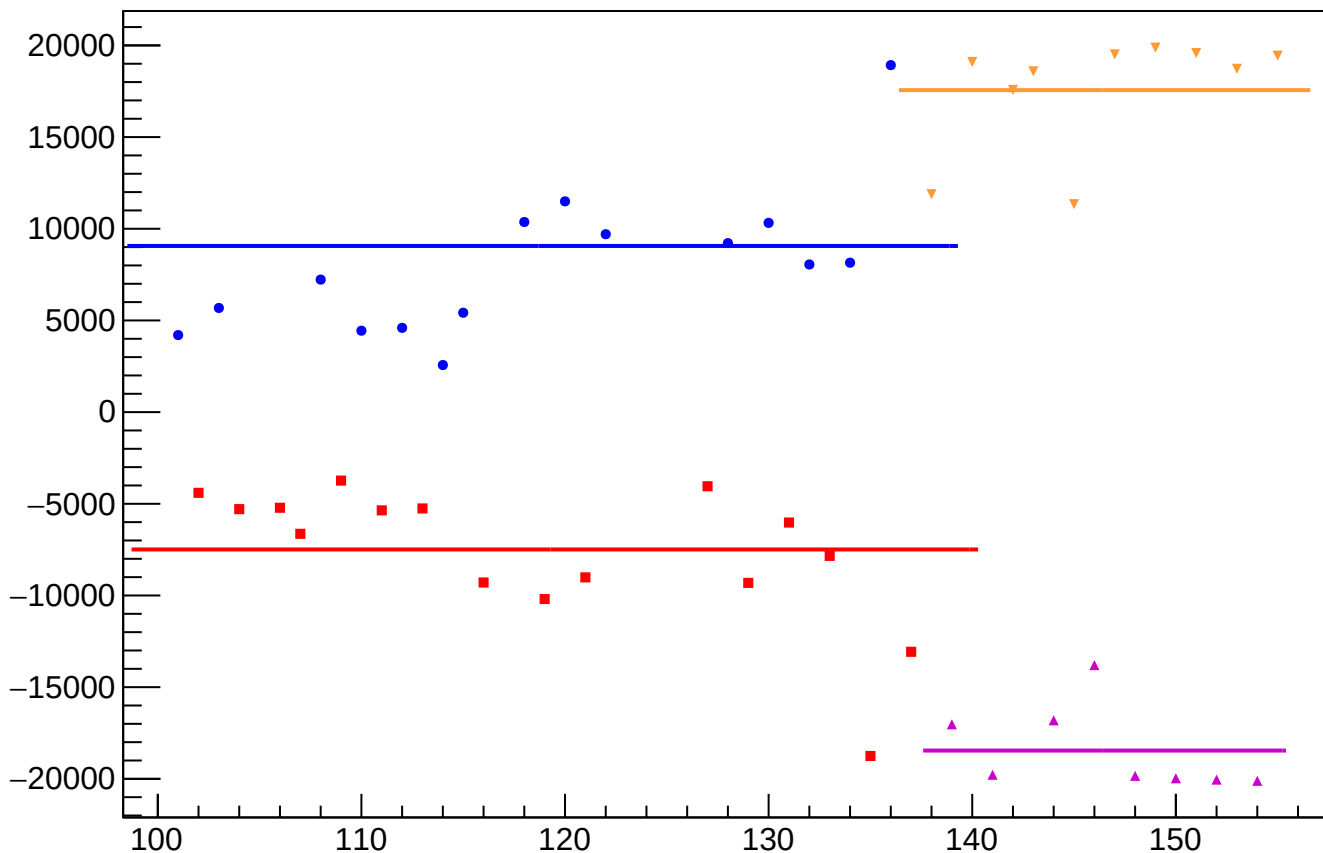
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1269.019+/-0.000

χ^2/NDF : 29248954105903421314584303143596589056.0/7

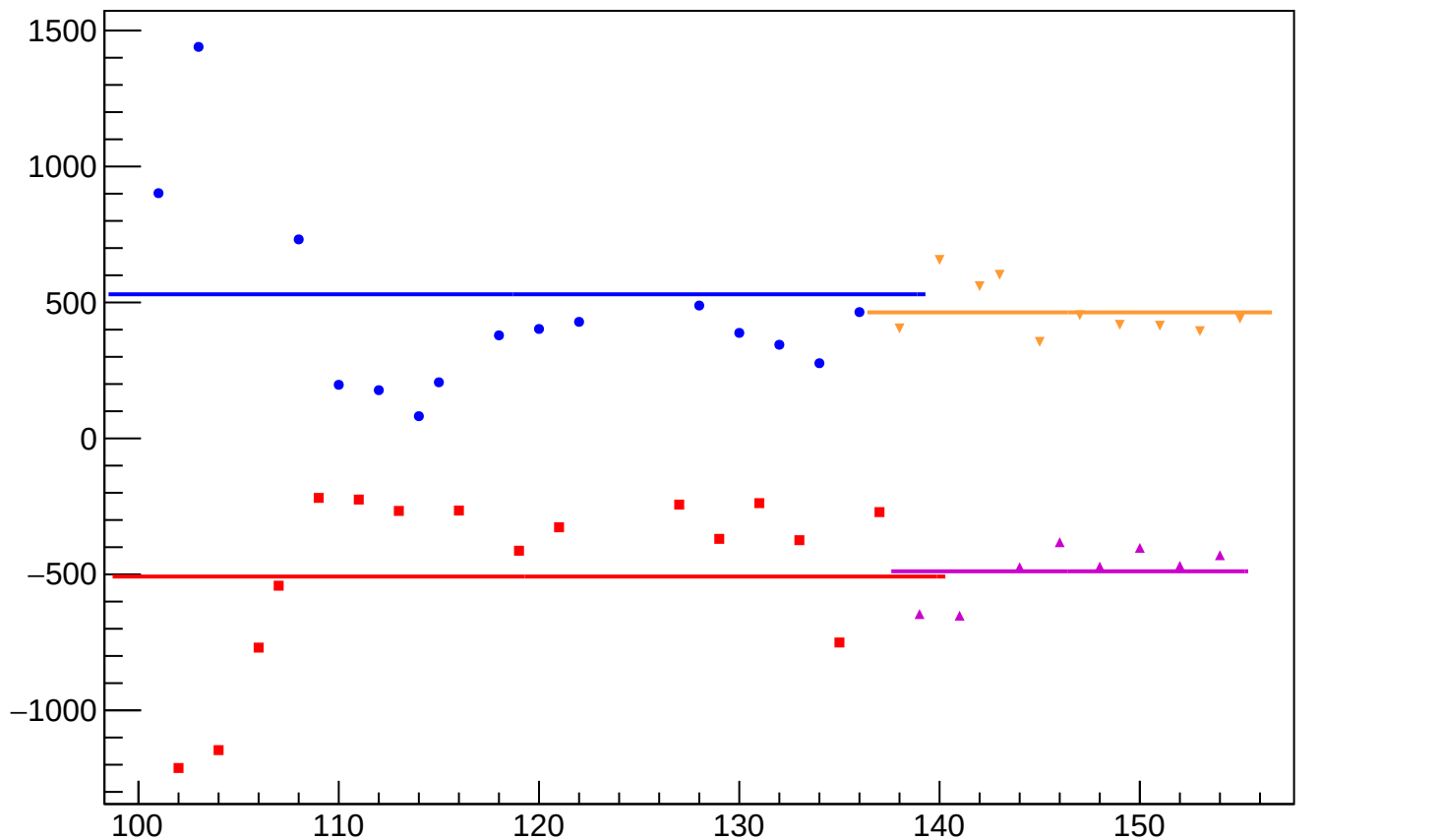
All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_sam4_coil3_mean vs Slug, Sign Corrected



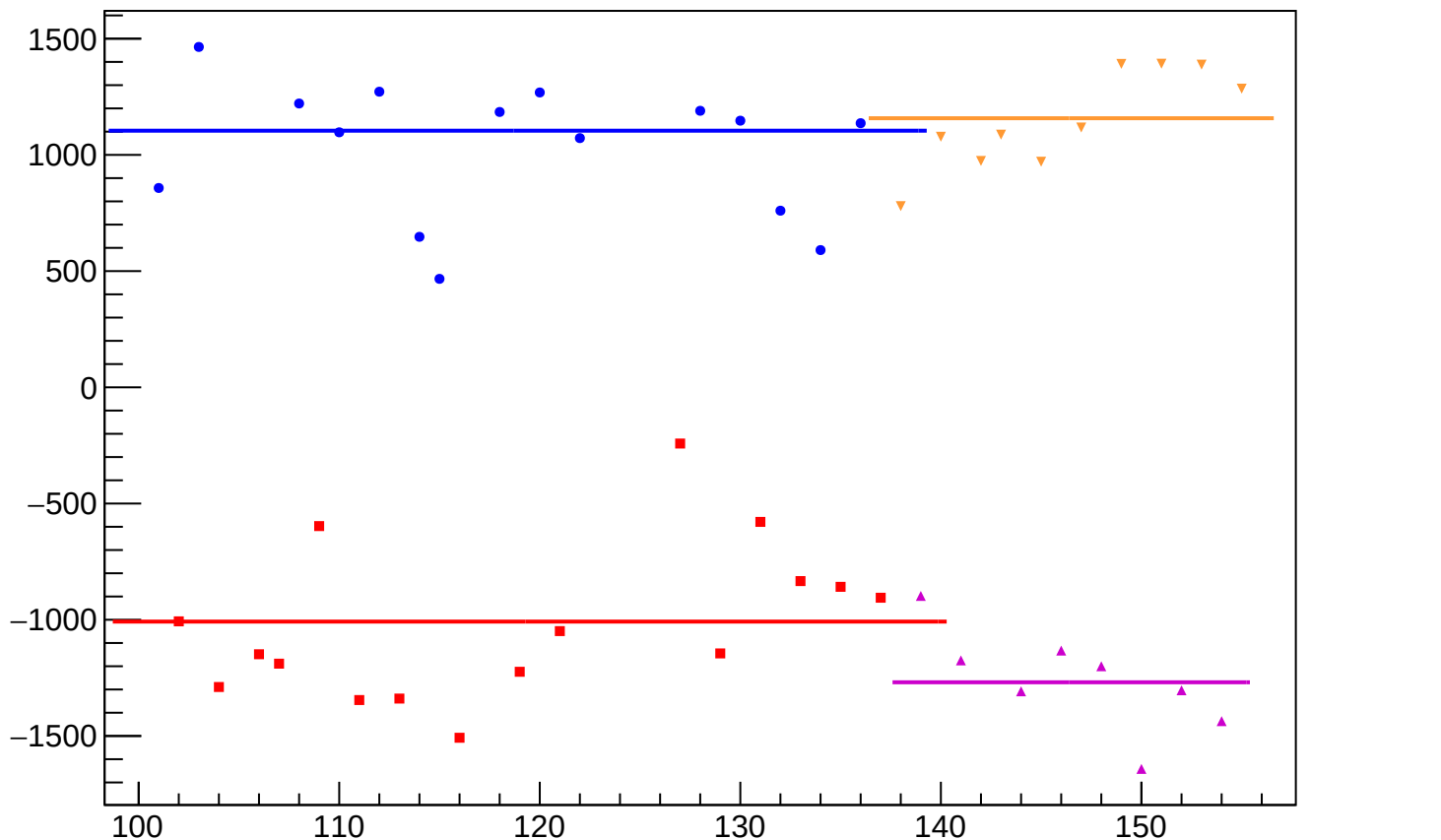
Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17560.141+/-0.000 χ^2/NDF : 7370073423037123156395033740393014362112.0/9
 Right Out: -7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: -18457.423+/-0.000 χ^2/NDF : 3189571344968433296954058125794867150848.0/7
 All: 535.357+/-0.000 χ^2/NDF : 592683249136

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



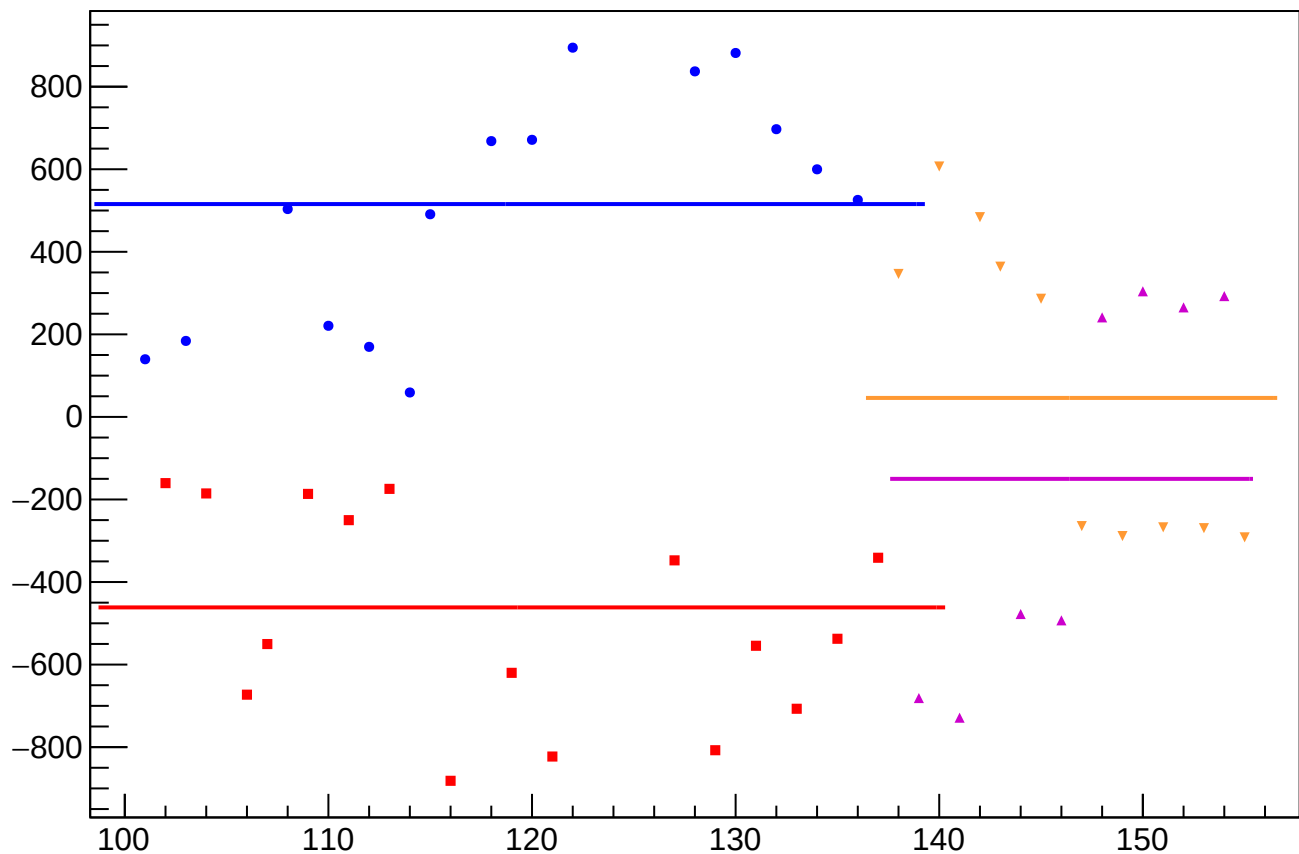
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14
 Left Out: 463.455 $\pm$ 0.000 χ^2 /NDF: 6796871501590123238195377261621805056.0/9
 Right Out: -507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15
 Left In: -488.681 $\pm$ 0.000 χ^2 /NDF: 6283269989778835971467148560967925760.0/7
 All: 7.158 $\pm$ 0.000 χ^2 /NDF: 85019714700057

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



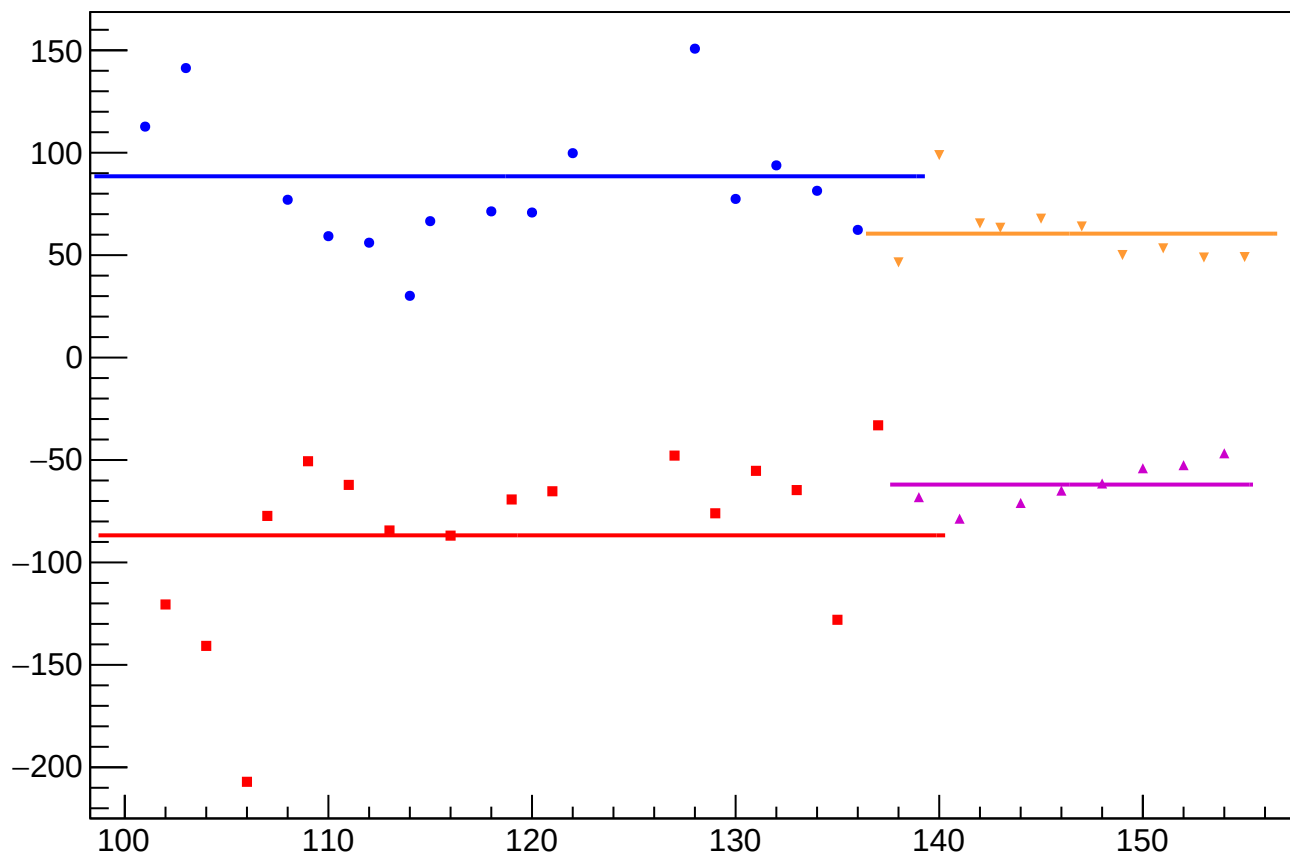
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7
 All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -47.369+/-0.000 χ^2/NDF : 2437438210831895
 Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14
 Right: 20.387+/-0.000 χ^2/NDF : 4030056130167457
 Left Out: 46.002+/-0.000 χ^2/NDF : 95172816173593550401727209894378995712.0/9
 In: 172.822+/-0.000 χ^2/NDF : 33127258000060118
 Right Out: -461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15
 Out: -191.543+/-0.000 χ^2/NDF : 227026303434542
 Left In: -150.090+/-0.000 χ^2/NDF : 134692735805604321569081584250932690944.0/7
 All: -15.097+/-0.000 χ^2/NDF : 649913390326

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 88.493+/-0.000

χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 60.499+/-0.000

χ^2/NDF : 178004499340055210936366293497937920.0/9

Right Out: -86.773+/-0.000

χ^2/NDF : 1059206766314086021240525003228708864.0/15

Left In: -61.993+/-0.000

χ^2/NDF : 68832775140870721723724136770961408.0/7

Left: 2.174+/-0.000 χ^2/NDF : 566233713587078183

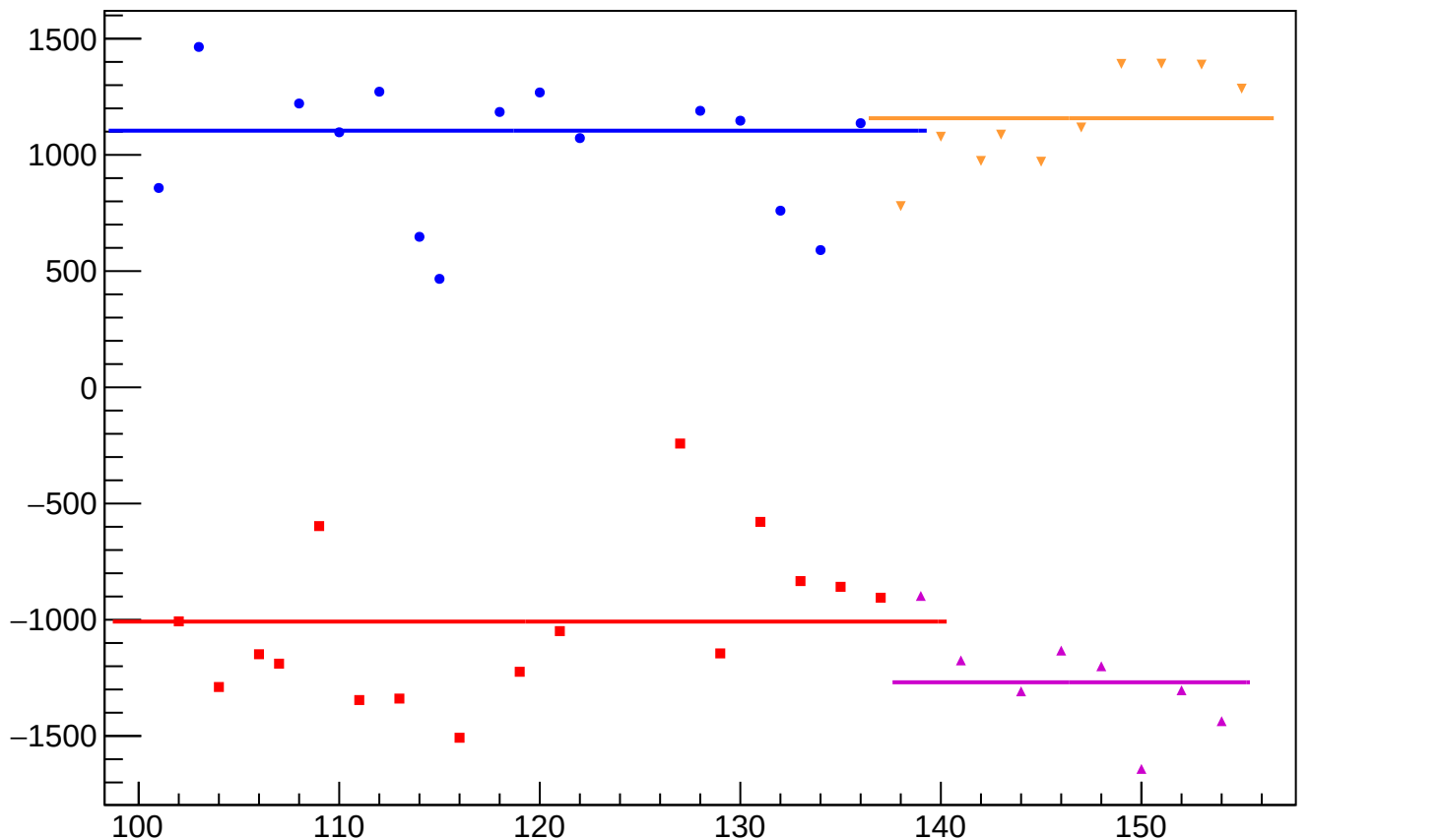
Right: -0.339+/-0.000 χ^2/NDF : 1180687368969666

In: 11.000+/-0.000 χ^2/NDF : 828041477680216341

Out: -8.435+/-0.000 χ^2/NDF : 89324907268561108

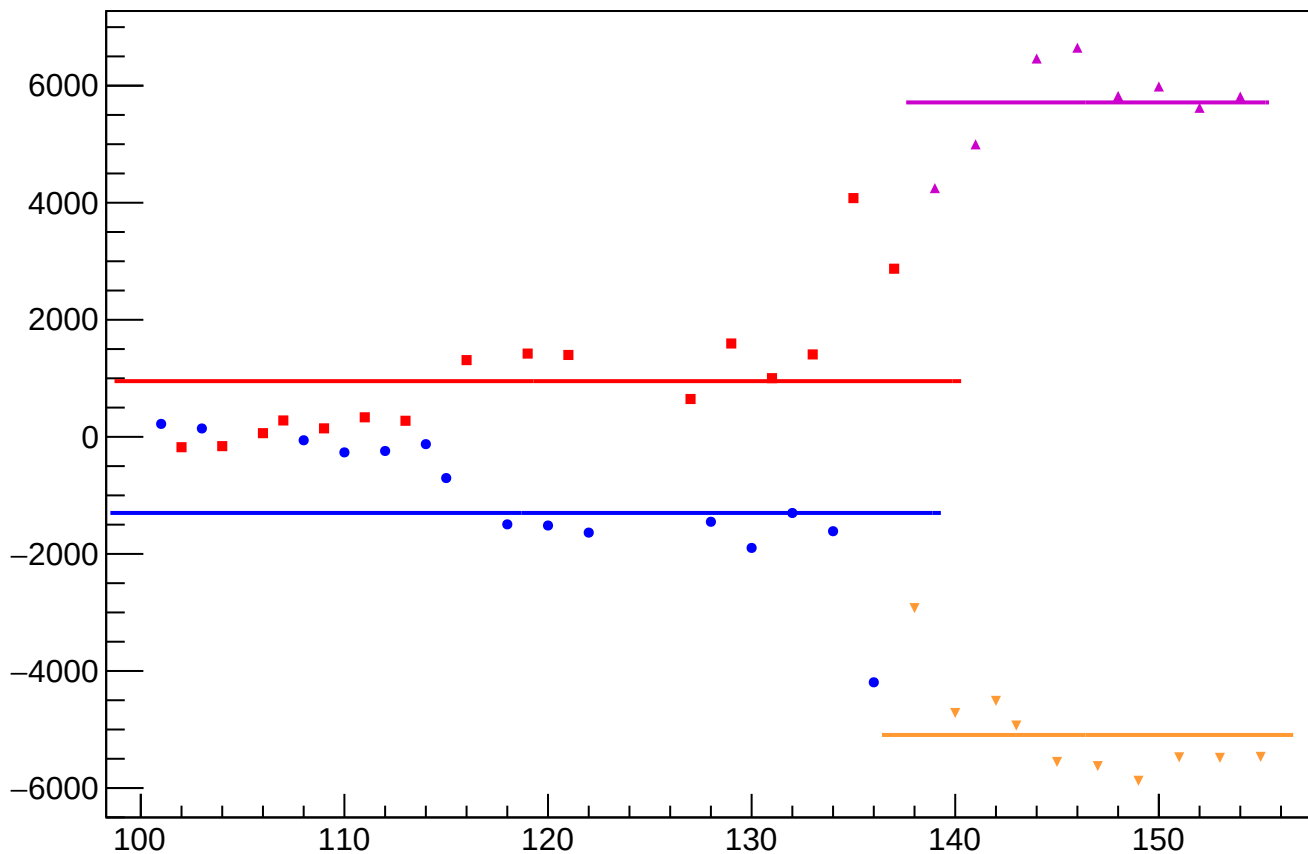
All: 0.977+/-0.000 χ^2/NDF : 17473561028345

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7
 All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000

Left Out: -5093.080+/-0.000

Right Out: 951.903+/-0.000

Left In: 5713.785+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

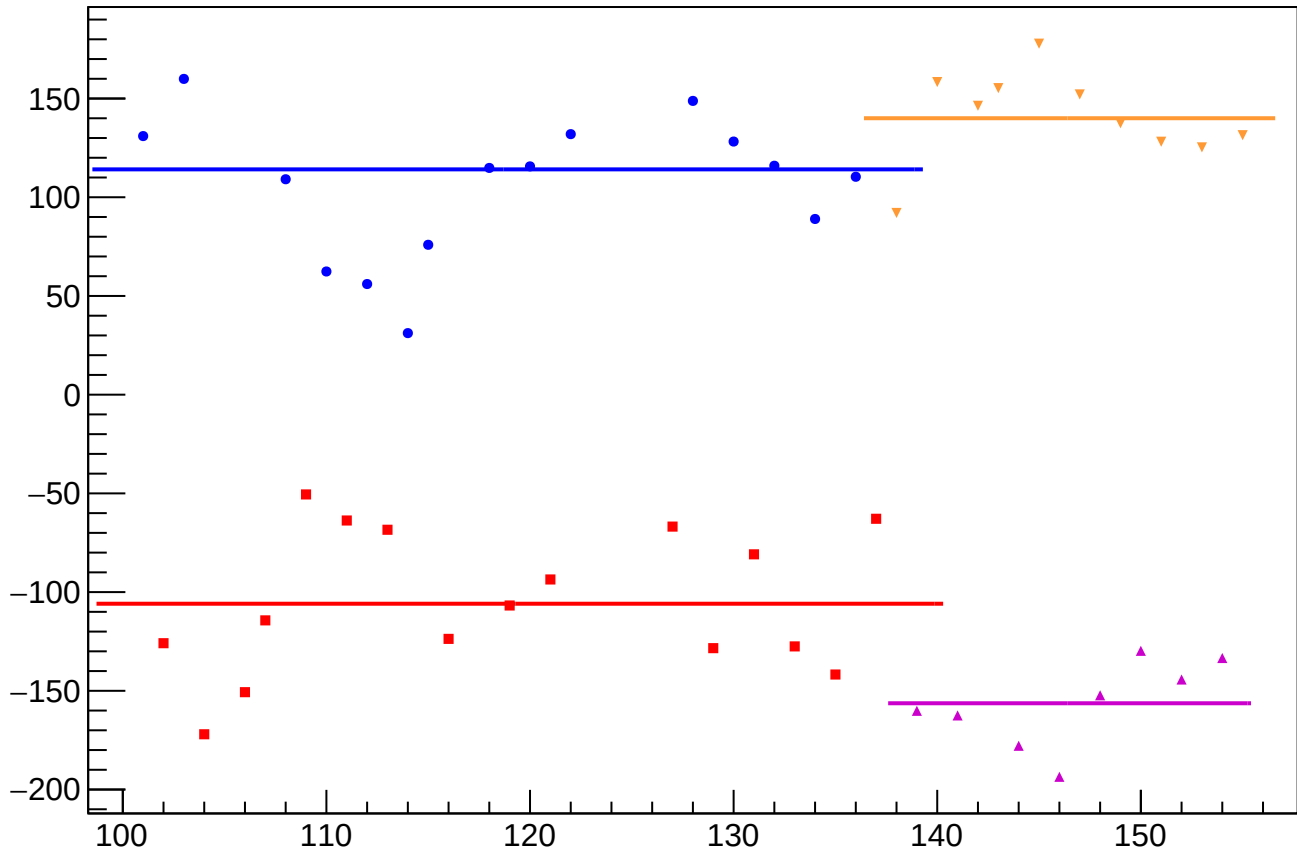
χ^2/NDF : 521462602163969722724673113494160146432.0/9

χ^2/NDF : 841314696863657044174468284217089327104.0/15

χ^2/NDF : 349388351476291096092460424588192382976.0/7

All: -47.946+/-0.000 χ^2/NDF : 467626250469

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 114.118 $\pm$ 0.000

χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 140.021 $\pm$ 0.000

χ^2 /NDF: 387268885686198421345927073040957440.0/9

Right Out: -105.890 $\pm$ 0.000

χ^2 /NDF: 851861355270591521058611007535972352.0/15

Left In: -156.302 $\pm$ 0.000

χ^2 /NDF: 28576680444451850212746075308032000.0/7

Left: -1.076 $\pm$ 0.000 χ^2 /NDF: 32365133009904569

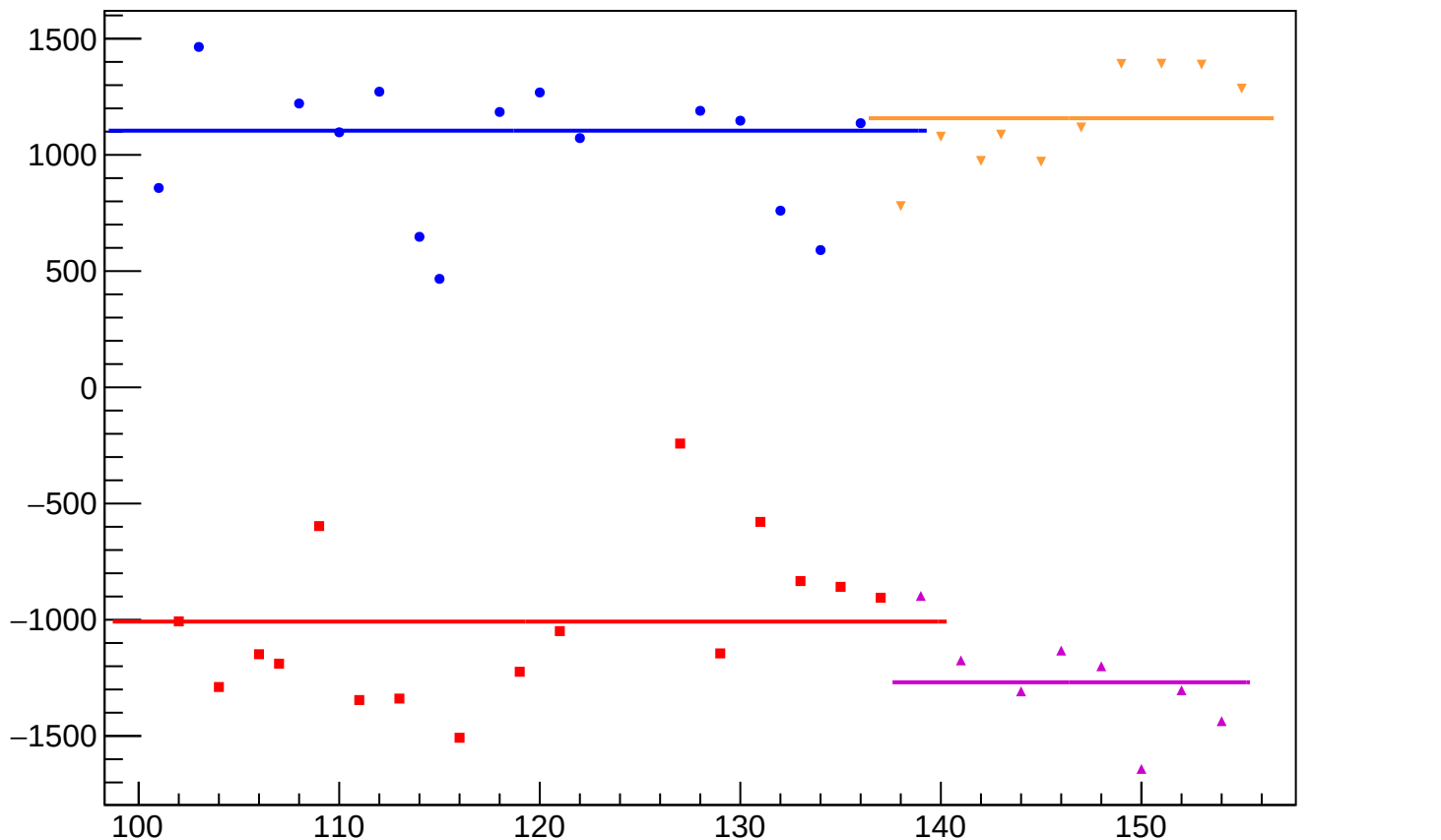
Right: 2.610 $\pm$ 0.000 χ^2 /NDF: 17380785718088446

In: 25.134 $\pm$ 0.000 χ^2 /NDF: 25332147473119756

Out: 24.917 $\pm$ 0.000 χ^2 /NDF: 22694387202947303

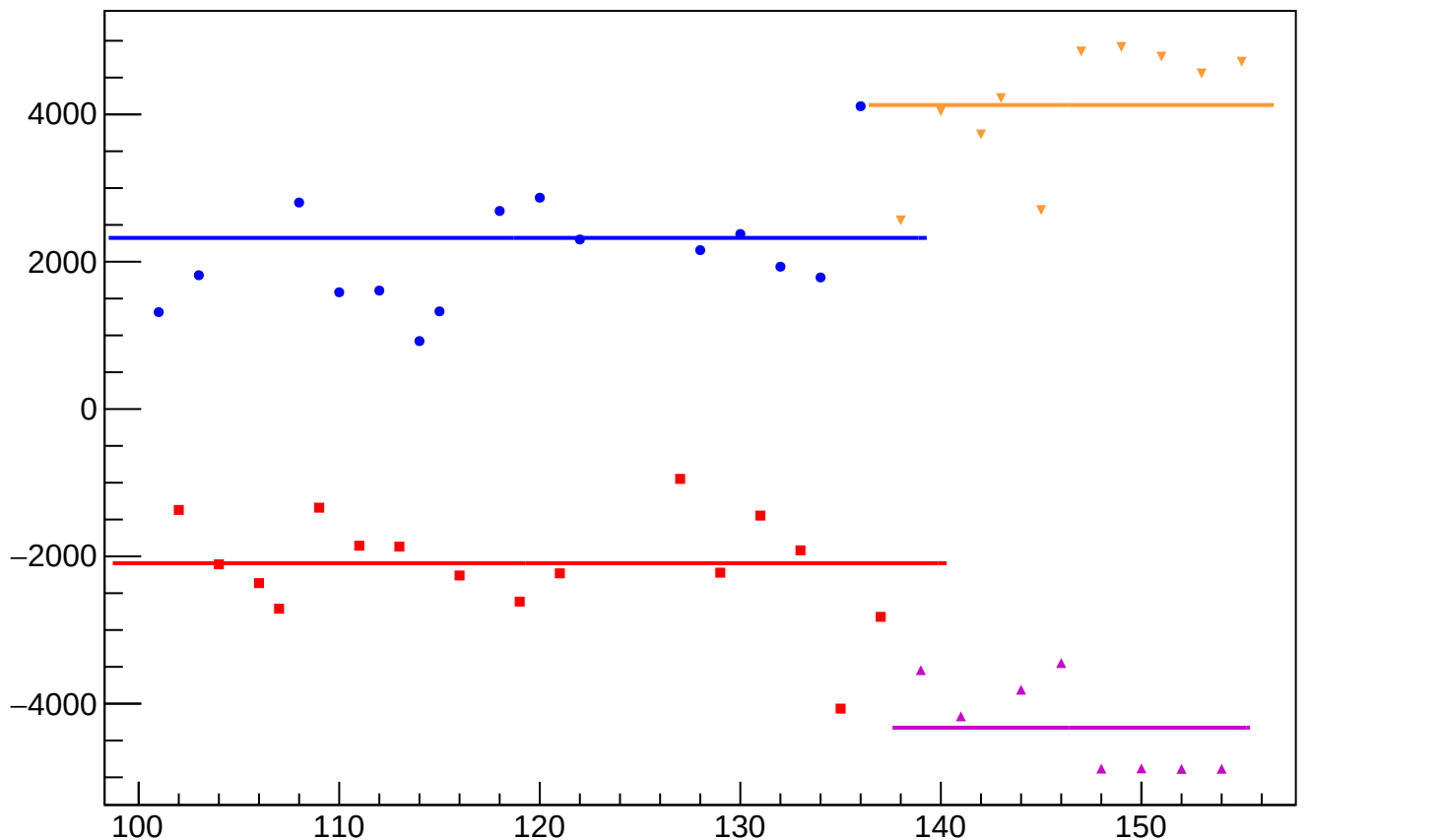
All: 0.680 $\pm$ 0.000 χ^2 /NDF: 49755278897537

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



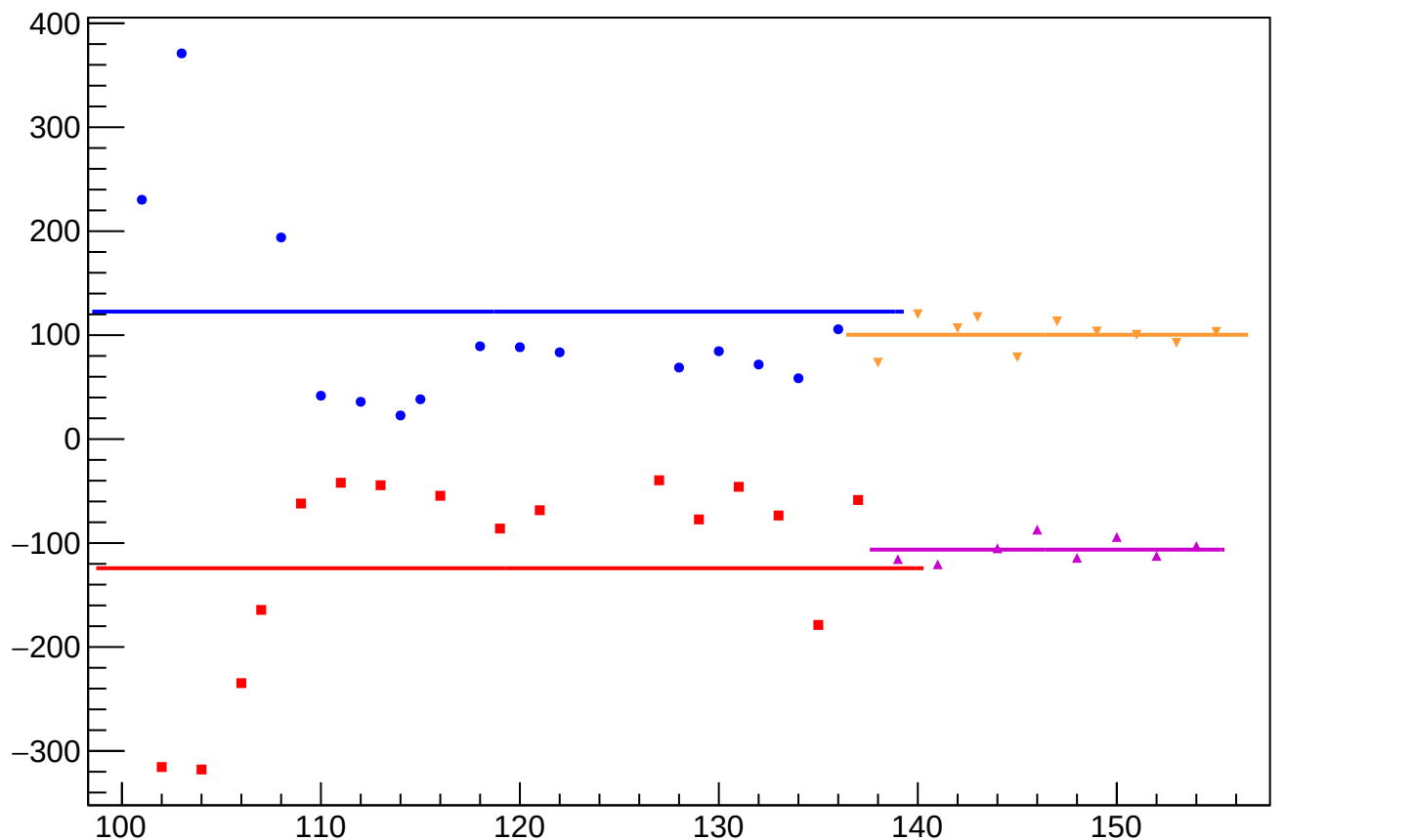
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7
 All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_sam7_coil3_mean vs Slug, Sign Corrected



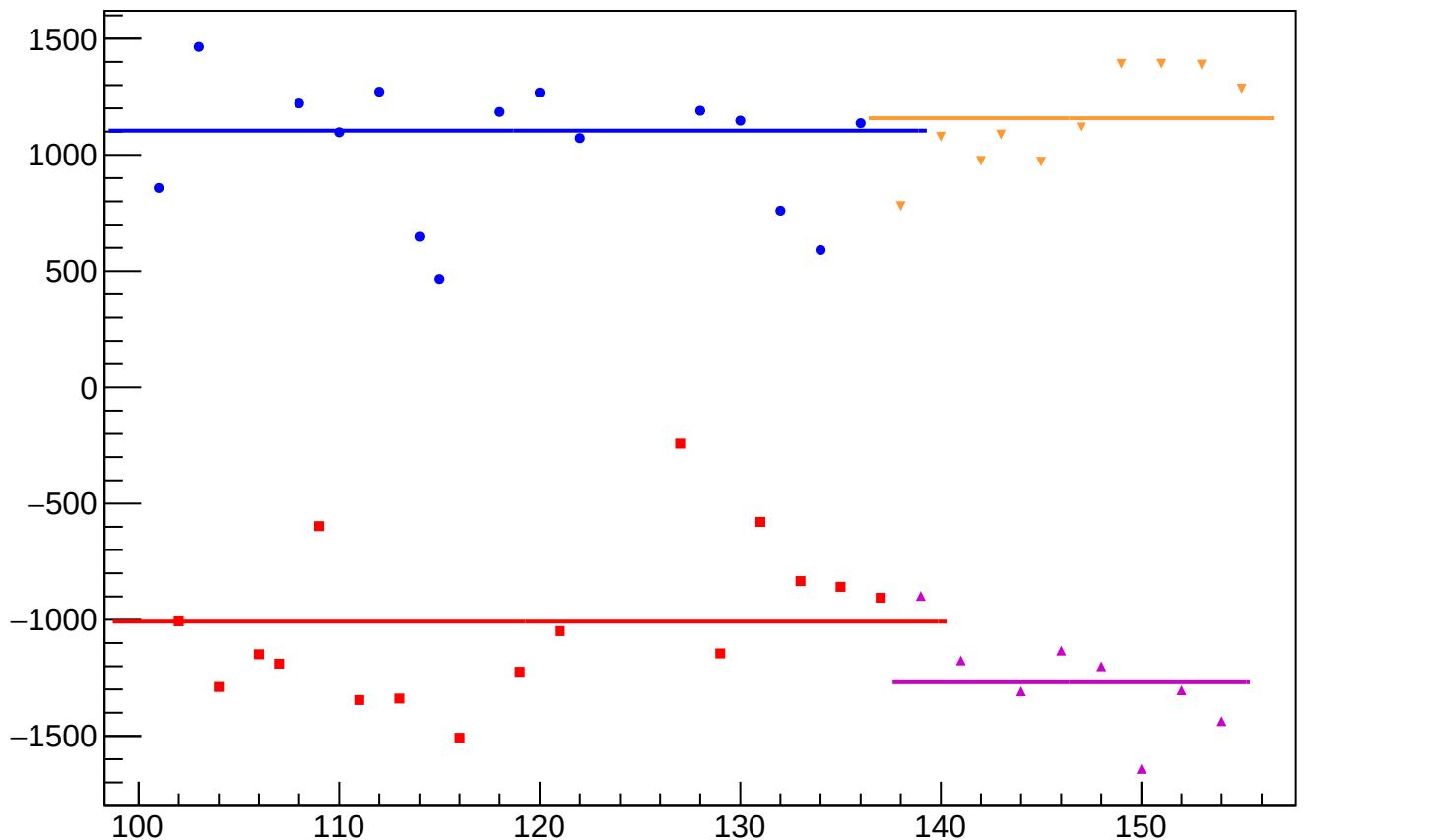
Right In: 2323.372 $\pm$ 0.000 χ^2 /NDF: 476371189888349375964725620757728591872.0/14
 Left Out: 4127.850 $\pm$ 0.000 χ^2 /NDF: 534577727887901142692780400474547290112.0/9
 Right Out: -2092.458 $\pm$ 0.000 χ^2 /NDF: 367126080872166122663684022473339174912.0/15
 Left In: -4325.937 $\pm$ 0.000 χ^2 /NDF: 247761544259436939336356173760012746752.0/7
 All: 94.296 $\pm$ 0.000 χ^2 /NDF: 3383441928808

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



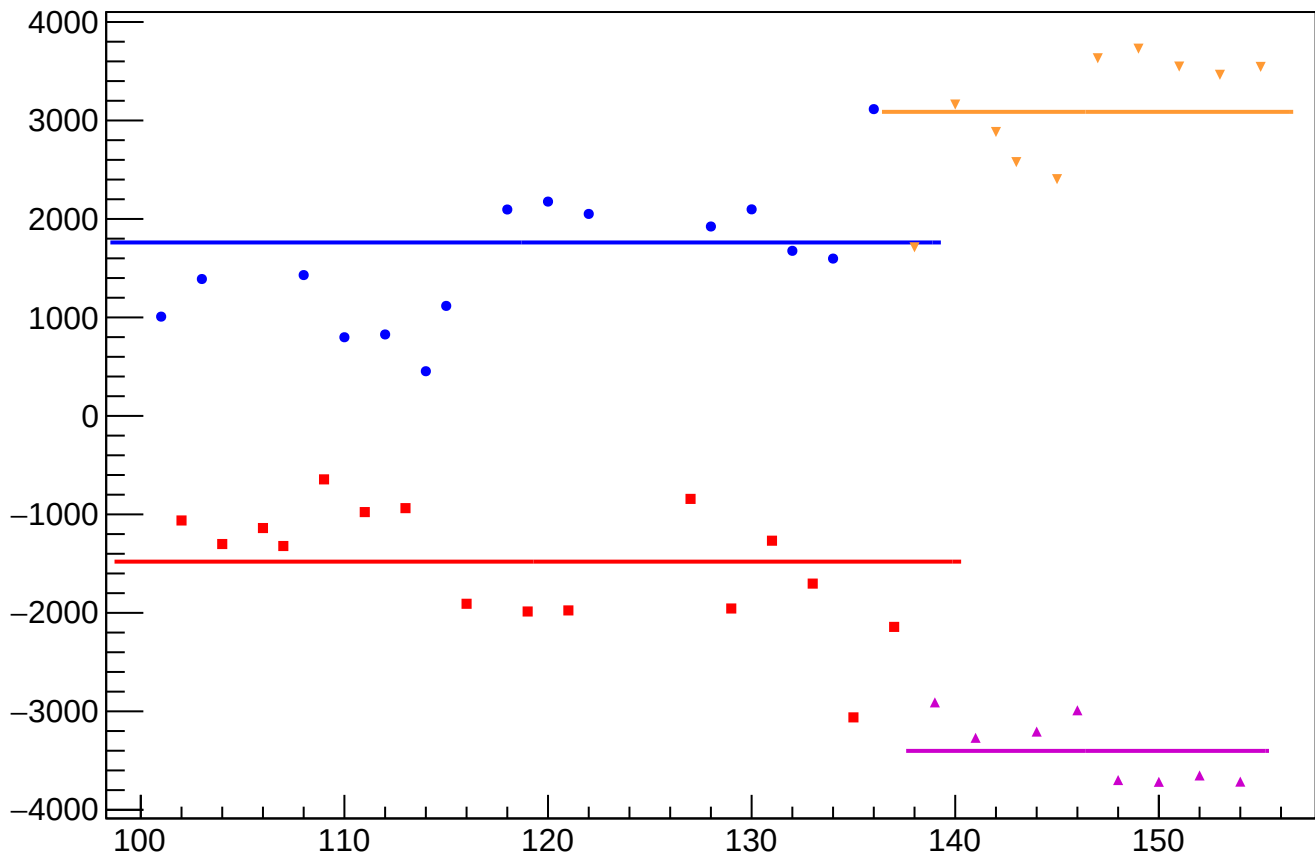
Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Left Out: 100.365+/-0.000 χ^2/NDF : 167278987508704797664392836546560.0/9
 Right Out: -124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15
 Left In: -106.324+/-0.000 χ^2/NDF : 77303453888967232554866840522719232.0/7
 All: -0.163+/-0.000 χ^2/NDF : 4820617689936

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7
 All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1761.245+/-0.000

χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 3087.675+/-0.000

χ^2/NDF : 307919745019163227939698292102271074304.0/9

Right Out: -1479.801+/-0.000

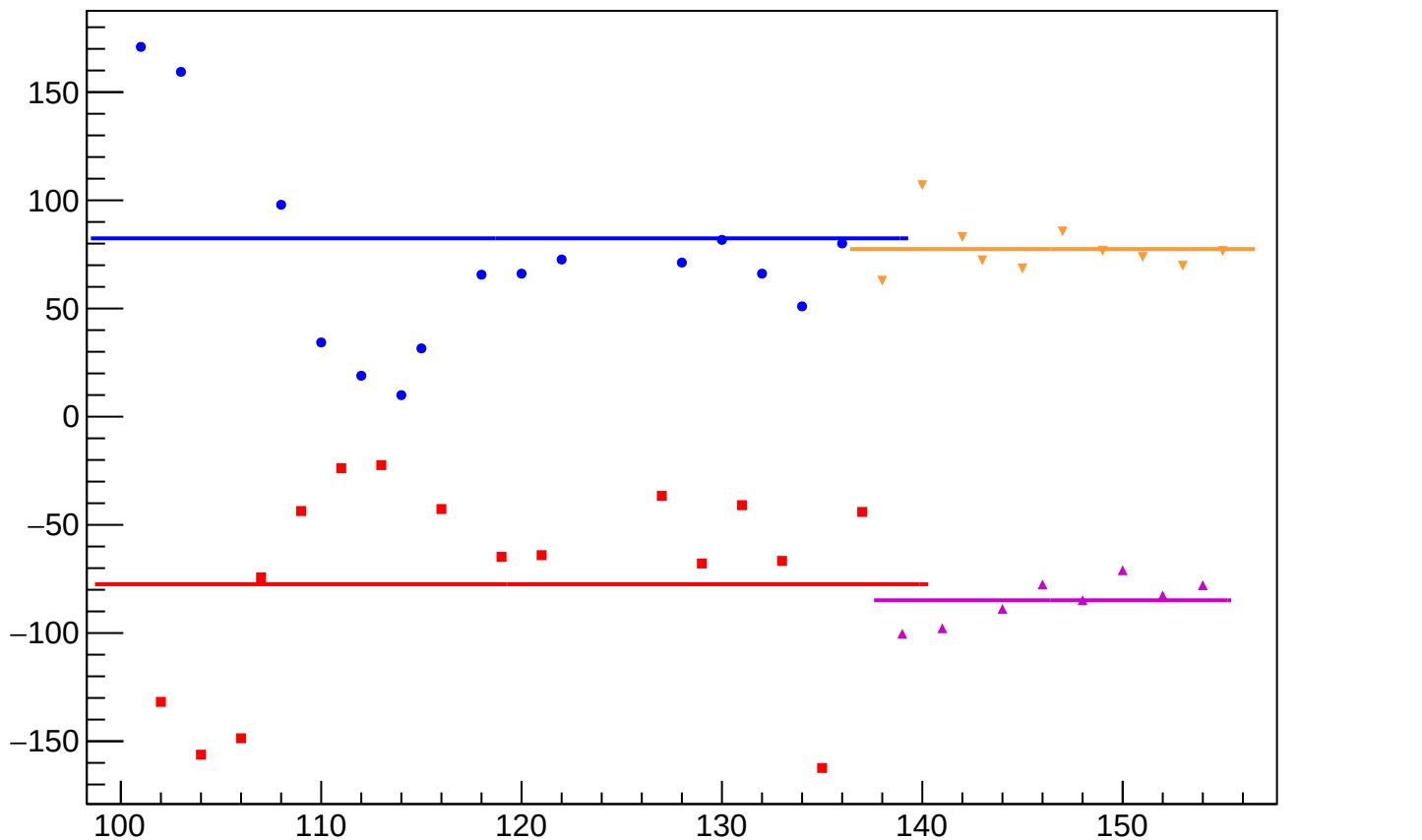
χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: -3401.586+/-0.000

χ^2/NDF : 69118683585332242487486043446155673600.0/7

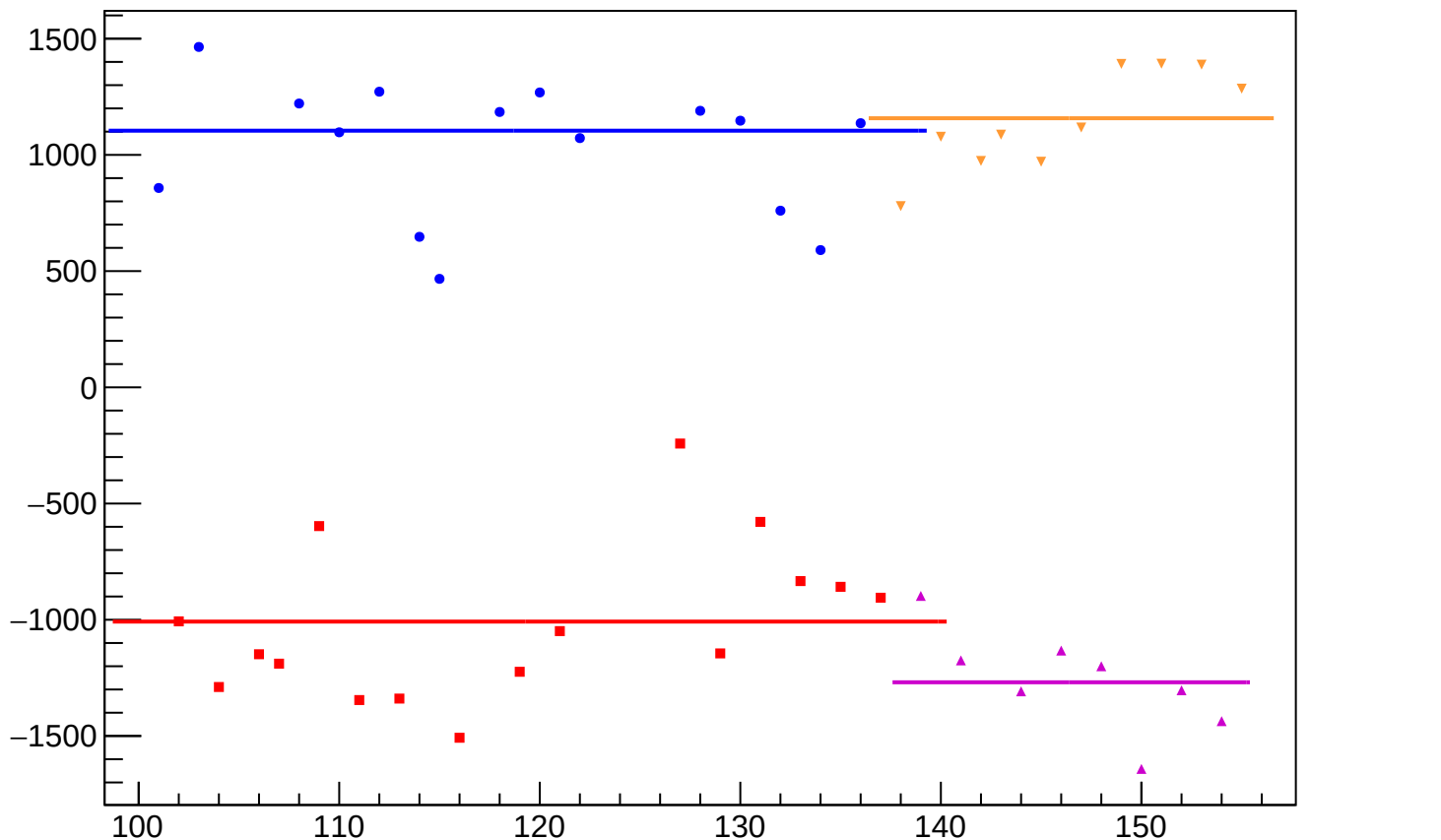
All: 55.297+/-0.000 χ^2/NDF : 1963690070155

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



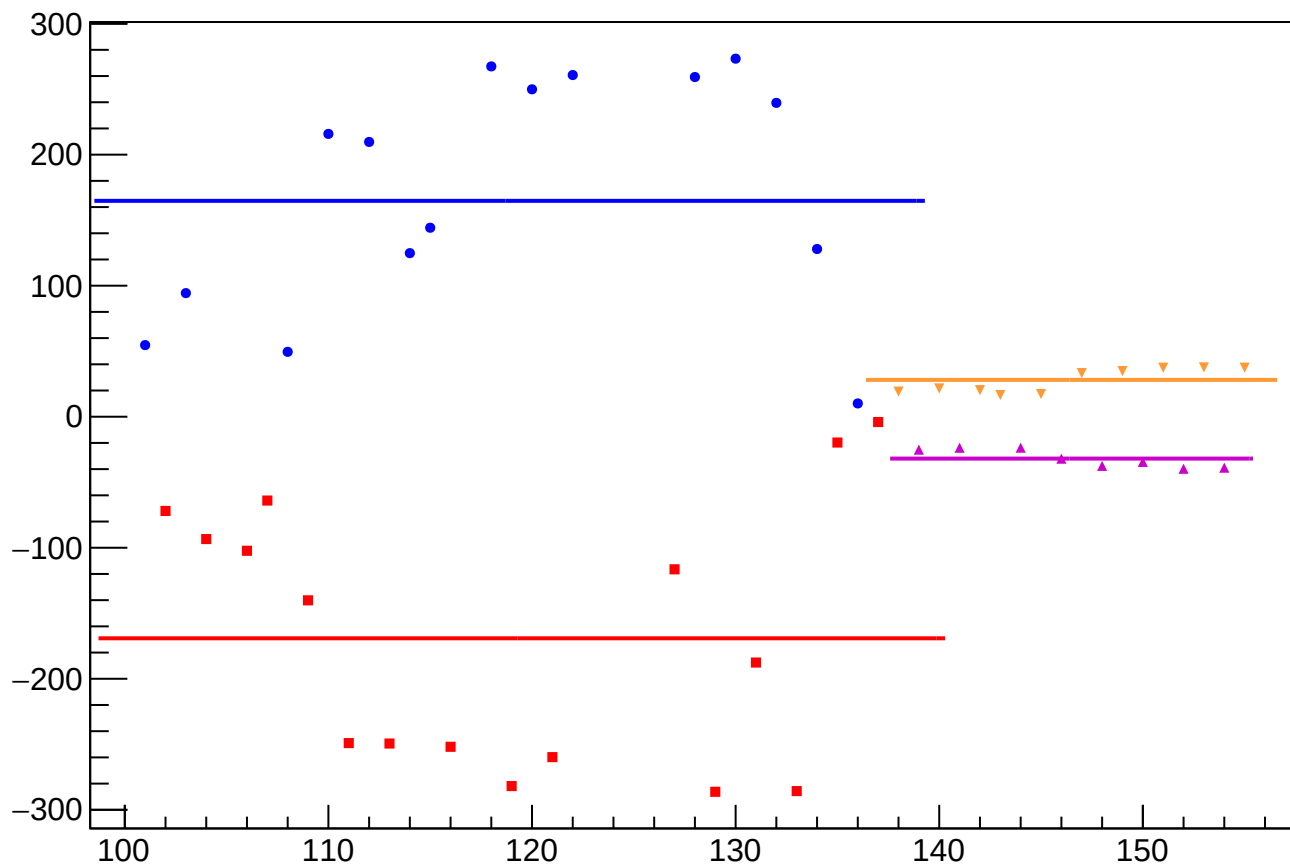
Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14
 Left Out: 77.479+/-0.000 χ^2/NDF : 109395985543817619243674913126481920.0/9
 Right Out: -77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15
 Left In: -84.862+/-0.000 χ^2/NDF : 61784885517499465151976429196410880.0/7
 All: 0.762+/-0.000 χ^2/NDF : 20868664757152

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



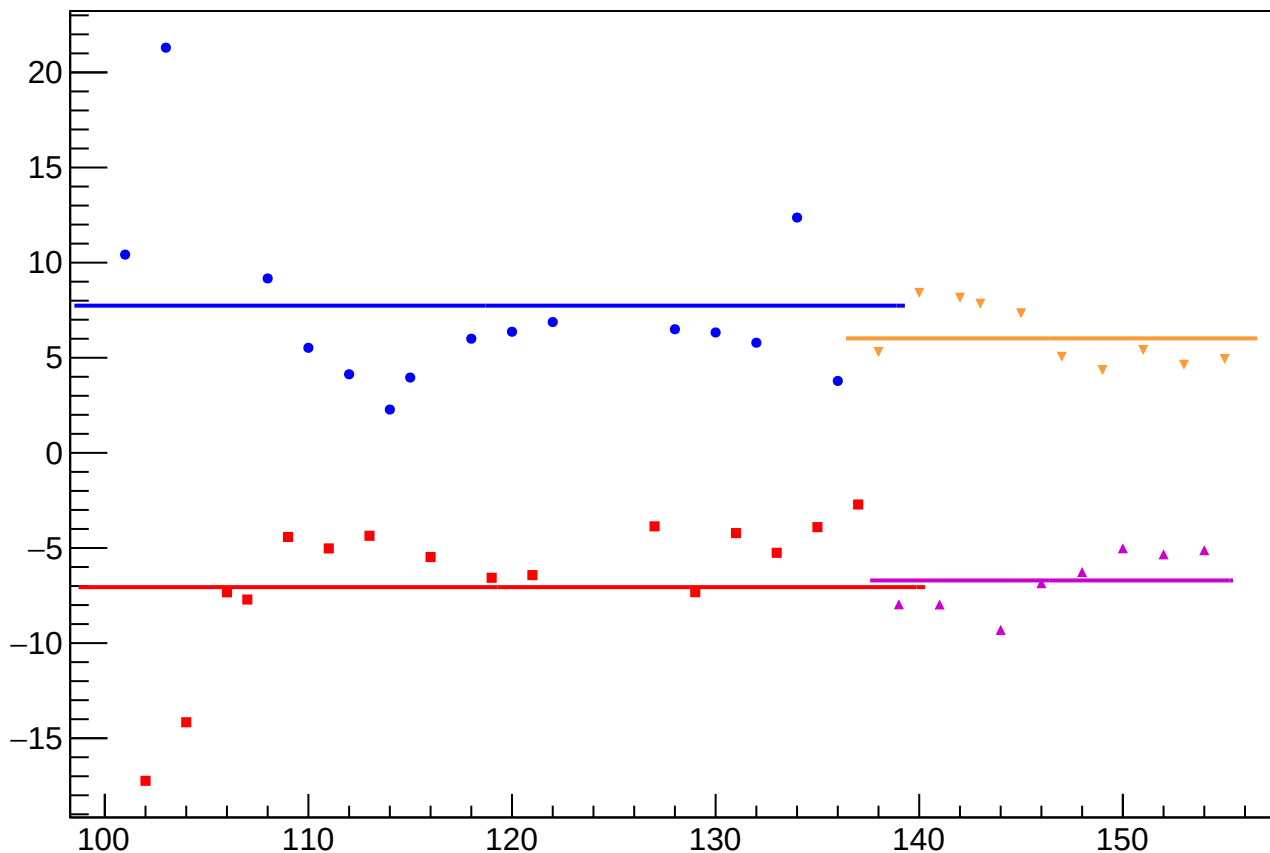
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7
 All: 17.175+/-0.000 χ^2/NDF : 3755612934136

dit_4aX_coil7_mean vs Slug, Sign Corrected



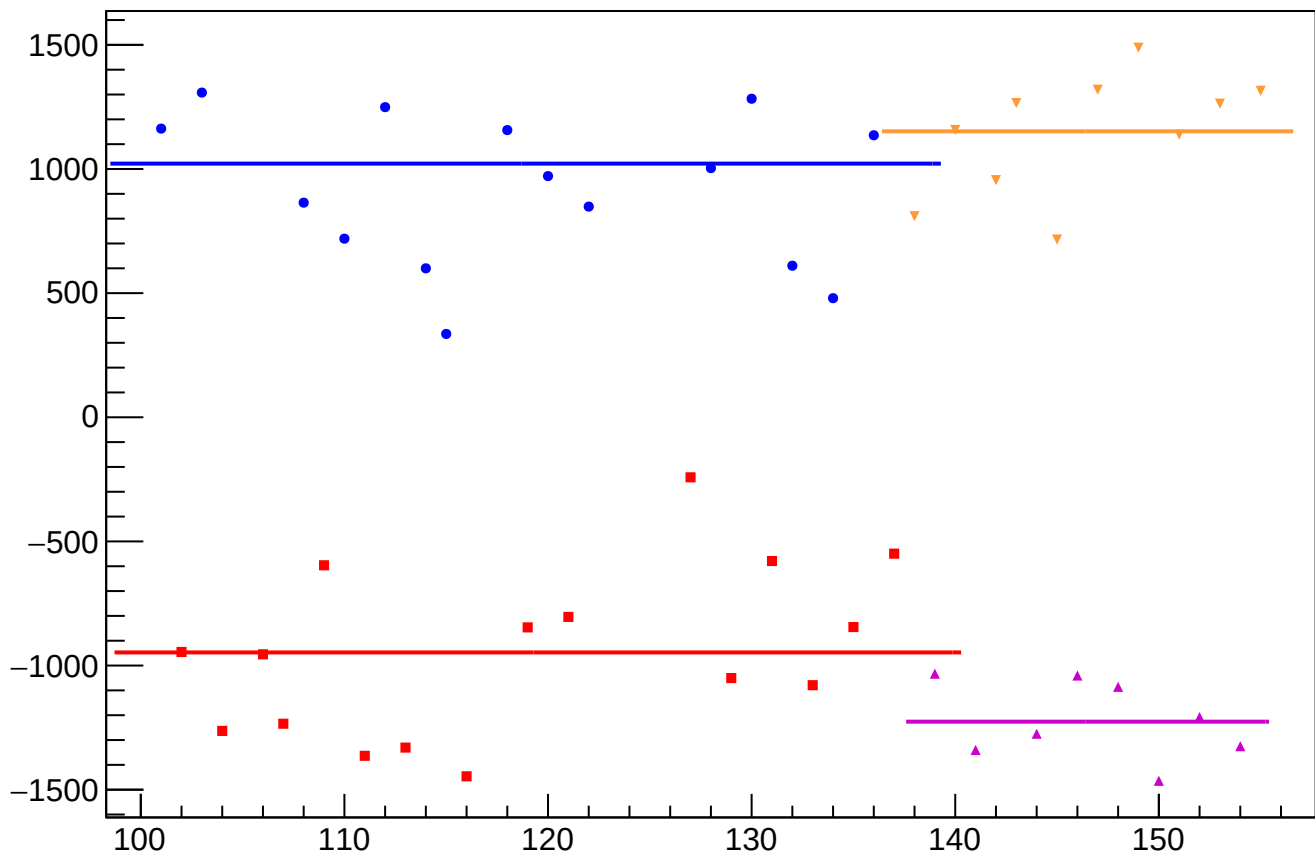
Left: -0.485 ± 0.000 $\chi^2/\text{NDF}: 13886706355345804$
 Right In: 164.752 ± 0.000 $\chi^2/\text{NDF}: 6369828943181833917425699916554960896.0/14$
 Left Out: 28.115 ± 0.000 $\chi^2/\text{NDF}: 58100671560792230490407704891228160.0/9$
 Right Out: -169.108 ± 0.000 $\chi^2/\text{NDF}: 6040721802042936822766910687819071488.0/15$
 In: 63.461 ± 0.000 $\chi^2/\text{NDF}: 193289342735081041$
 Out: -64.199 ± 0.000 $\chi^2/\text{NDF}: 1989925060907221$
 Left In: -31.949 ± 0.000 $\chi^2/\text{NDF}: 28457458010663861642994188837453824.0/7$
 All: -2.379 ± 0.000 $\chi^2/\text{NDF}: 5047424801754$

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



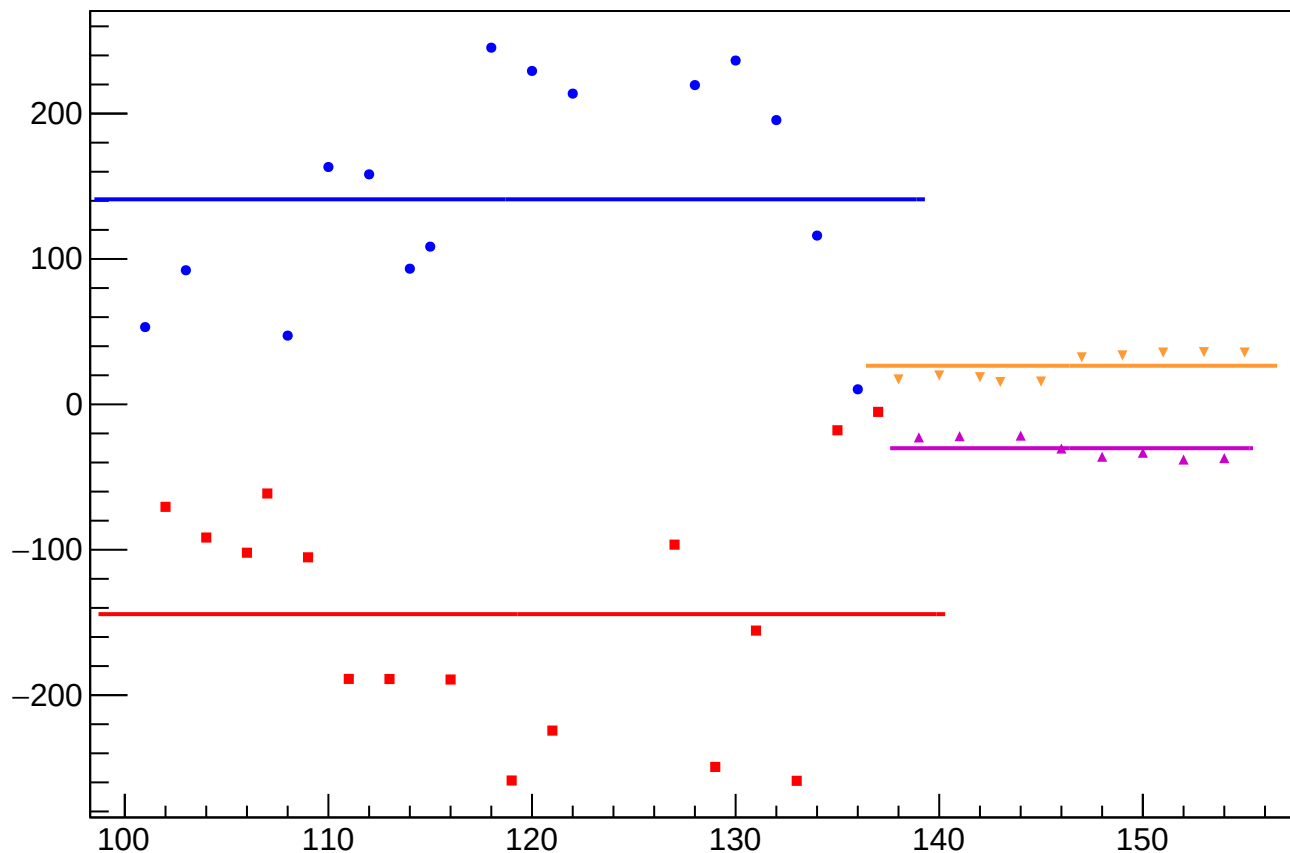
Left: -0.041 ± 0.000 χ^2/NDF : 61637763807973714
 Right In: 7.738 ± 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Right: 0.240 ± 0.000 χ^2/NDF : 98424389249981268
 Left Out: 6.018 ± 0.000 χ^2/NDF : 1674409072122706092625427209125888.0/9
 In: 0.300 ± 0.000 χ^2/NDF : 8638629715257549741
 Right Out: -7.057 ± 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Out: -0.102 ± 0.000 χ^2/NDF : 73618272382507081
 Left In: -6.706 ± 0.000 χ^2/NDF : 1531526169768172343487153072766976.0/7
 All: 0.093 ± 0.000 χ^2/NDF : 16011630264237

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



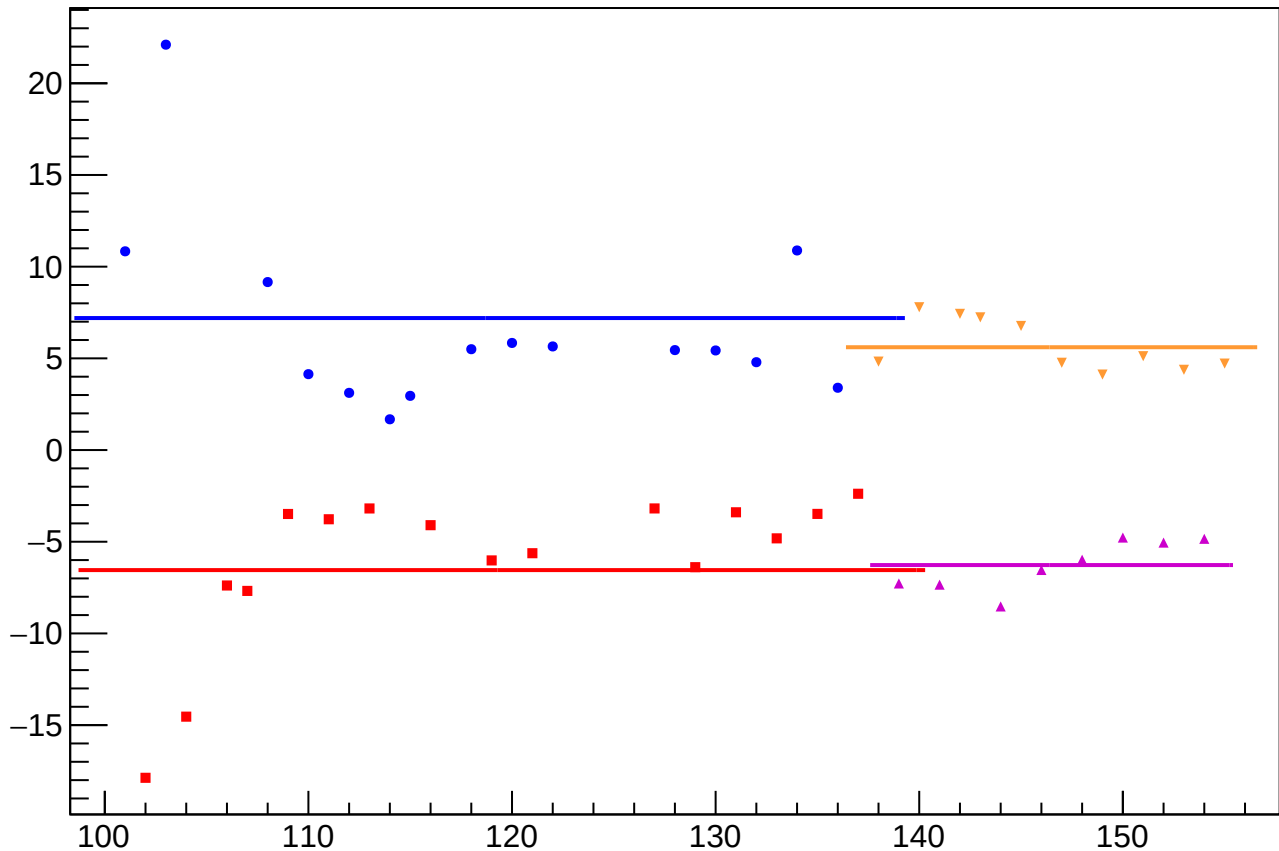
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7
 All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_4eX_coil7_mean vs Slug, Sign Corrected



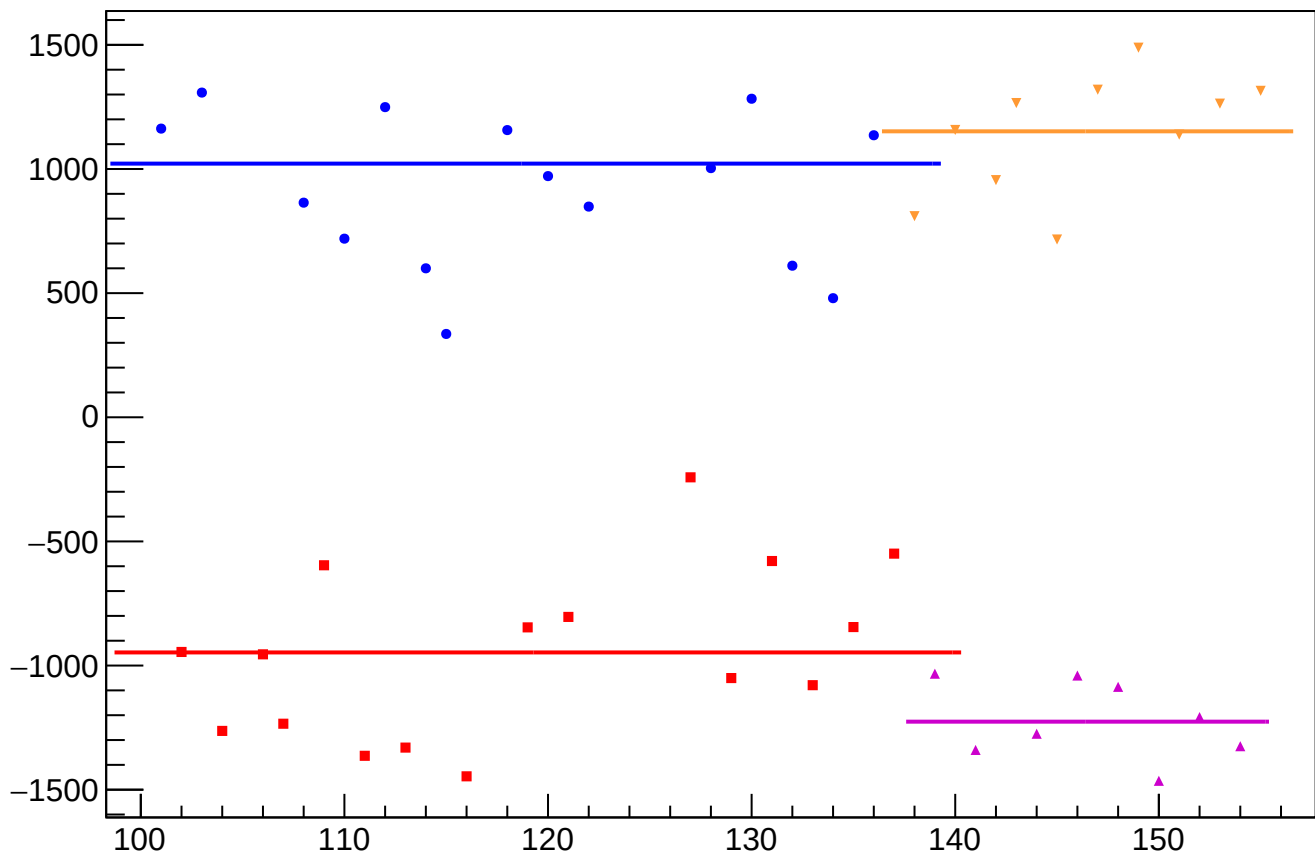
Left: -0.442 +/- 0.000 χ^2/NDF : 12496240011583958
 Right In: 141.032 +/- 0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14
 Right: -3.577 +/- 0.000 χ^2/NDF : 3555338643006251
 Left Out: 26.562 +/- 0.000 χ^2/NDF : 58642782721085093866033639208255488.0/9
 In: 52.882 +/- 0.000 χ^2/NDF : 143313643772305650
 Right Out: -144.283 +/- 0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15
 Out: -53.406 +/- 0.000 χ^2/NDF : 1468276564620024
 Left In: -30.151 +/- 0.000 χ^2/NDF : 3012591659444794116182927394996224.0/7
 All: -1.935 +/- 0.000 χ^2/NDF : 3680978182988

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



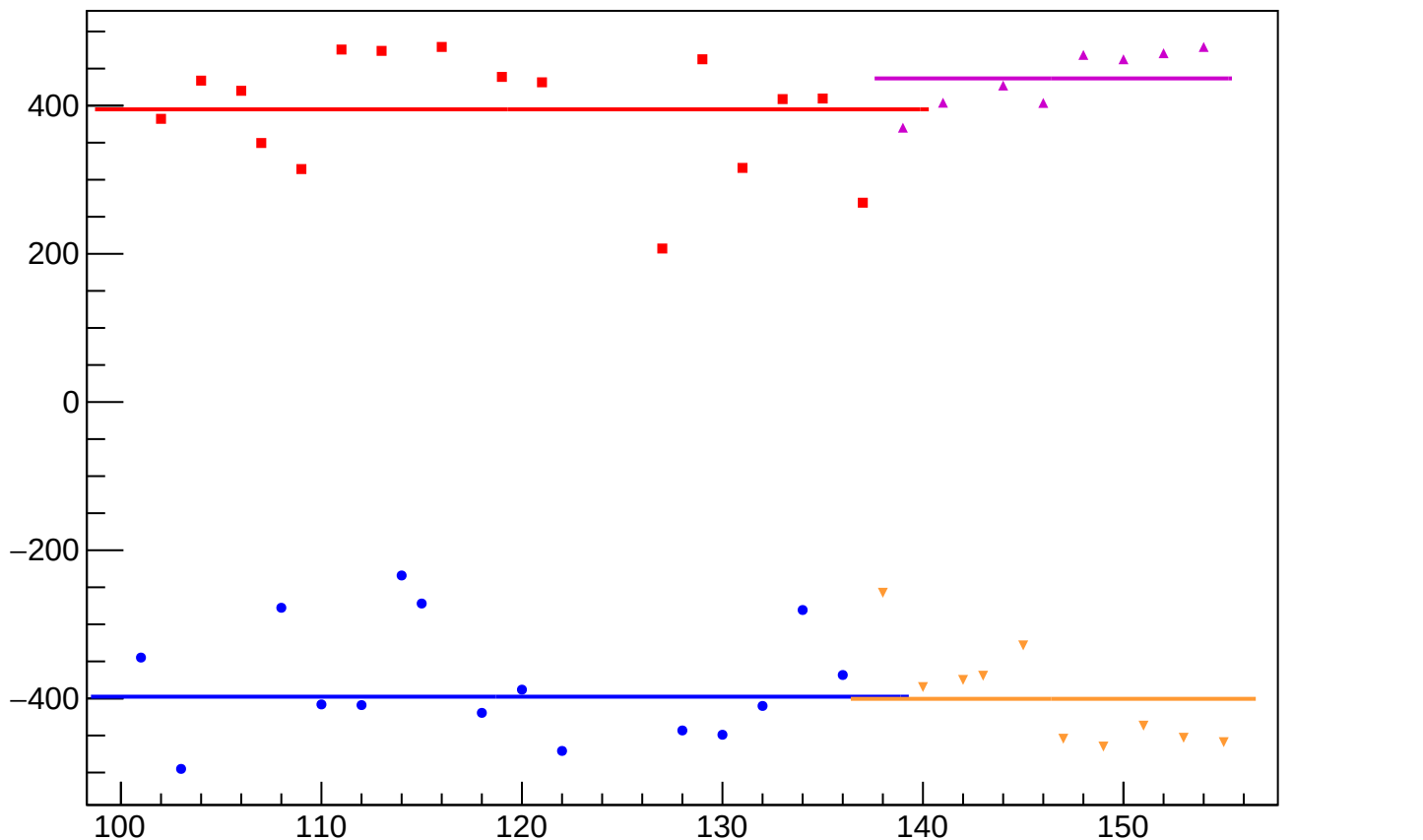
Left: -0.050 ± 0.000 χ^2/NDF : 53418862568274005
 Right In: 7.198 ± 0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14
 Left Out: 5.606 ± 0.000 χ^2/NDF : 1330228004525591519993689263833088.0/9
 Right Out: -6.547 ± 0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15
 Left In: -6.272 ± 0.000 χ^2/NDF : 1162838621434841357021622600466432.0/7
 All: 0.084 ± 0.000 χ^2/NDF : 1479042711994

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 19.568+/-0.000	χ^2/NDF : 20975351722162317
Left Out: 1151.745+/-0.000	χ^2/NDF : 42067705374934767749155565762701688832.0/9	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: -135.751+/-0.000	χ^2/NDF : 1743808435002872
Left In: -1225.991+/-0.000	χ^2/NDF : 14916675602968721754329681431453761536.0/7	Out: 169.317+/-0.000	χ^2/NDF : 1672855561263249
	All: 21.586+/-0.000	χ^2/NDF : 3480886065849	

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000

χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -400.501+/-0.000

χ^2/NDF : 3318429625075122043828869095304986624.0/9

Right Out: 394.973+/-0.000

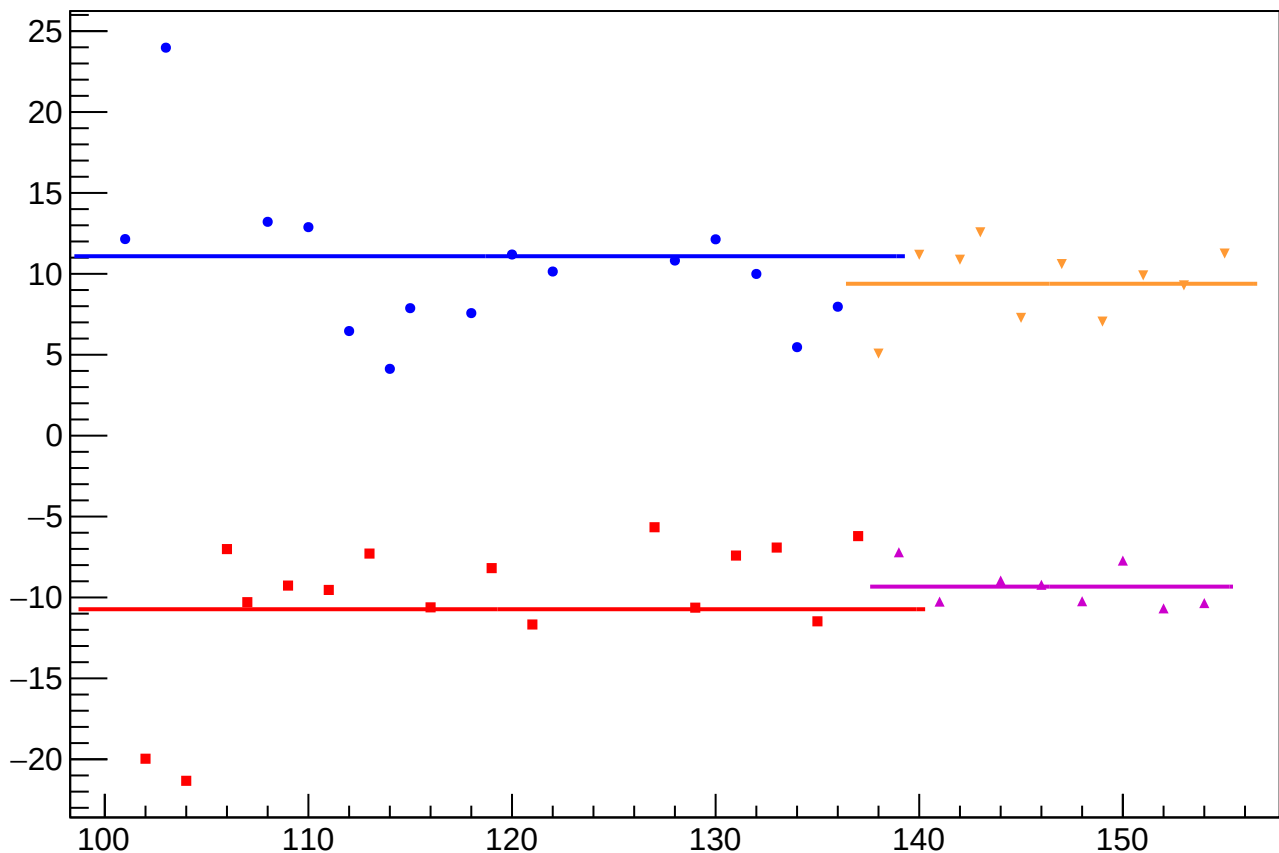
χ^2/NDF : 3685595513427183501596165280874102784.0/15

Left In: 436.708+/-0.000

χ^2/NDF : 954665155535232919635978966653730816.0/7

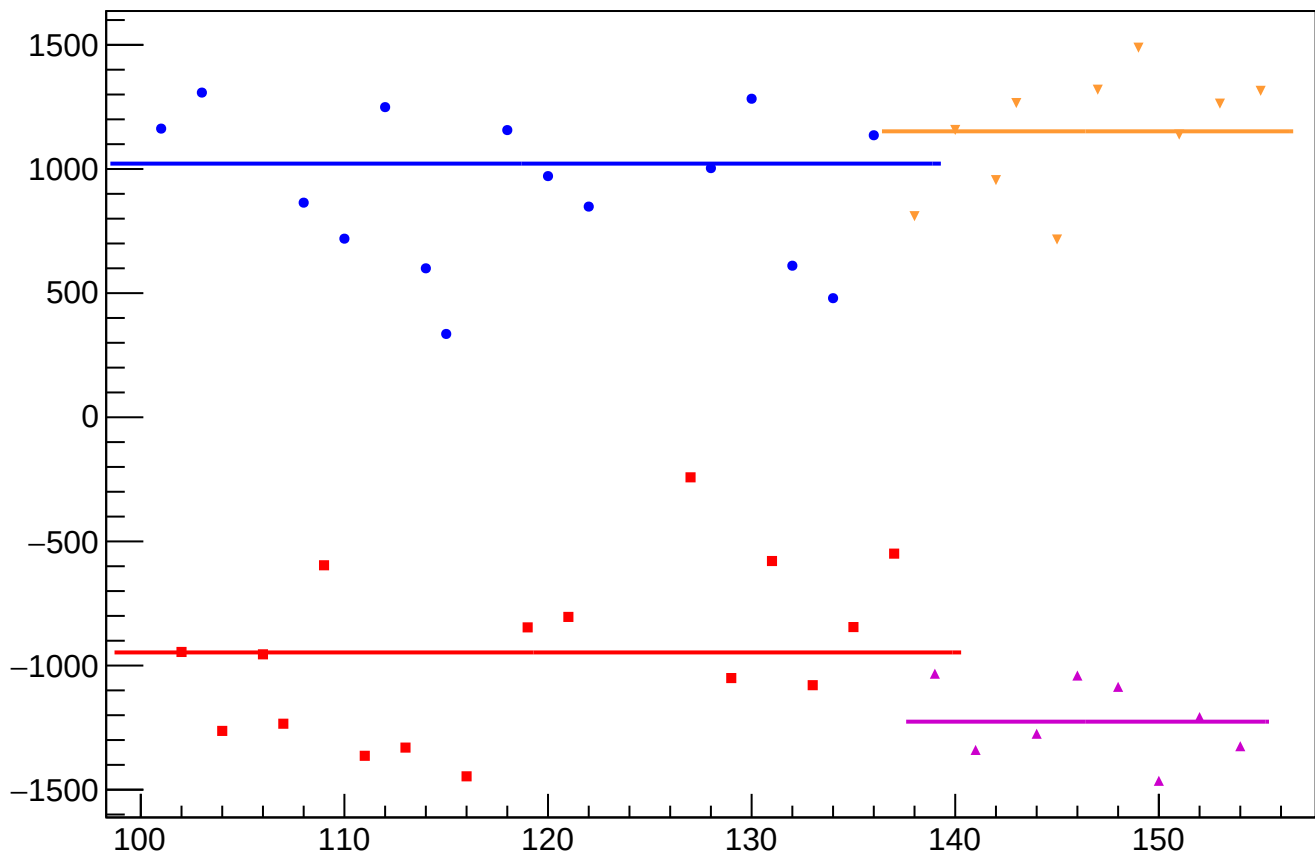
All: 0.980+/-0.000 χ^2/NDF : 47026195178870

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



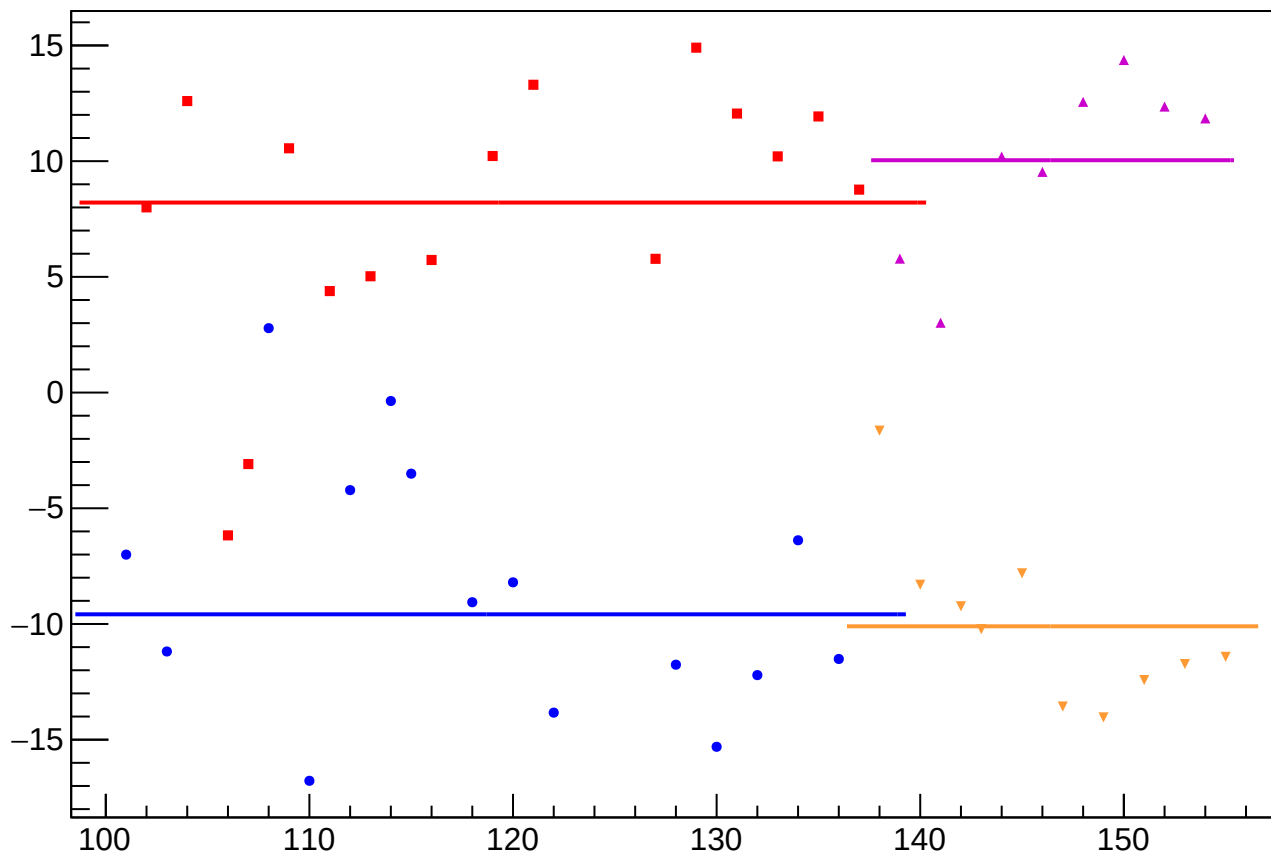
Left: 0.474+/-0.000 χ^2/NDF : 131182583035614610
 Right In: 11.089+/-0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14
 Right: 0.031+/-0.000 χ^2/NDF : 18556469149678224
 Left Out: 9.387+/-0.000 χ^2/NDF : 3729945304705223963488180655620096.0/9
 In: 0.574+/-0.000 χ^2/NDF : 1545859369384697583
 Right Out: -10.728+/-0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15
 Out: -0.028+/-0.000 χ^2/NDF : 16204649337897294
 Left In: -9.330+/-0.000 χ^2/NDF : 1004933105590320937491185390321664.0/7
 All: 0.263+/-0.000 χ^2/NDF : 31688257466873

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



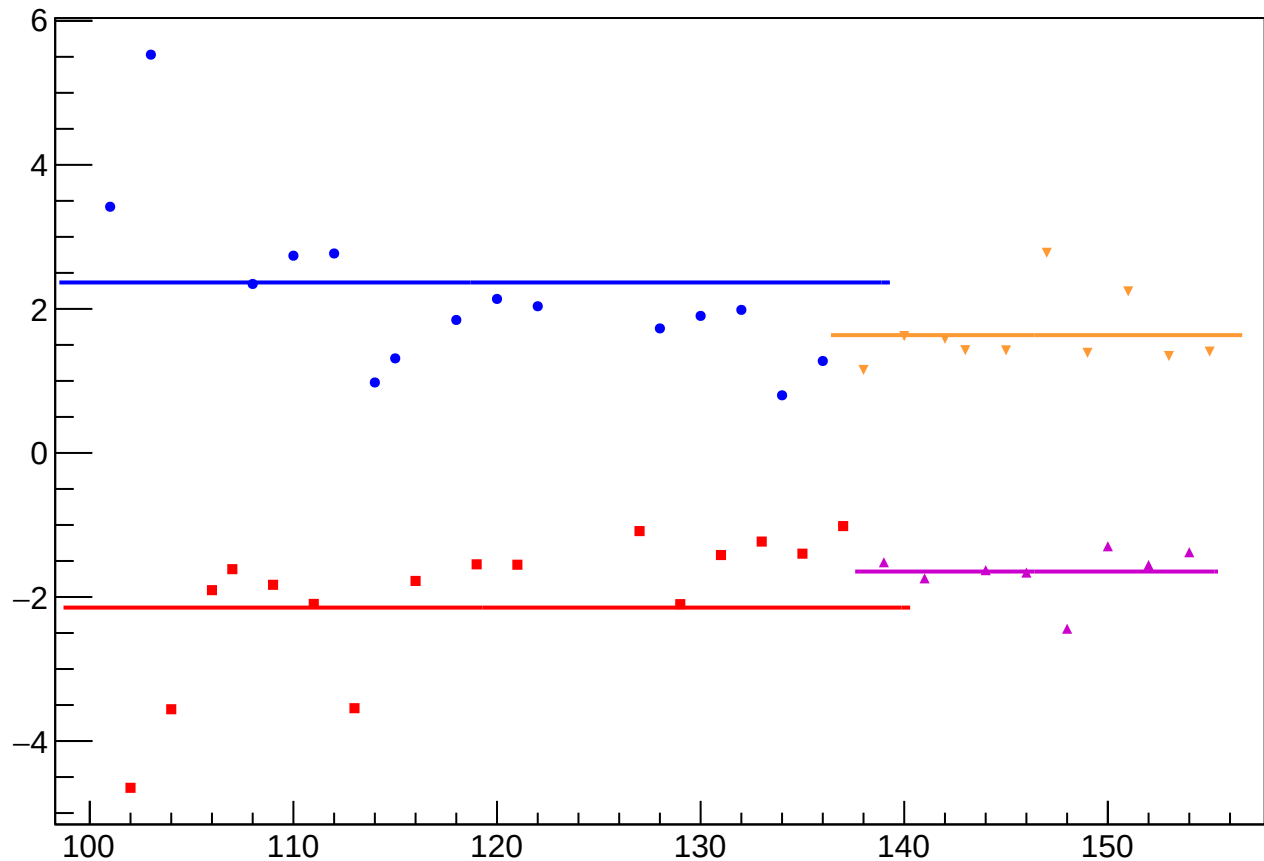
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7
 All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_4aY_coil7_mean vs Slug, Sign Corrected



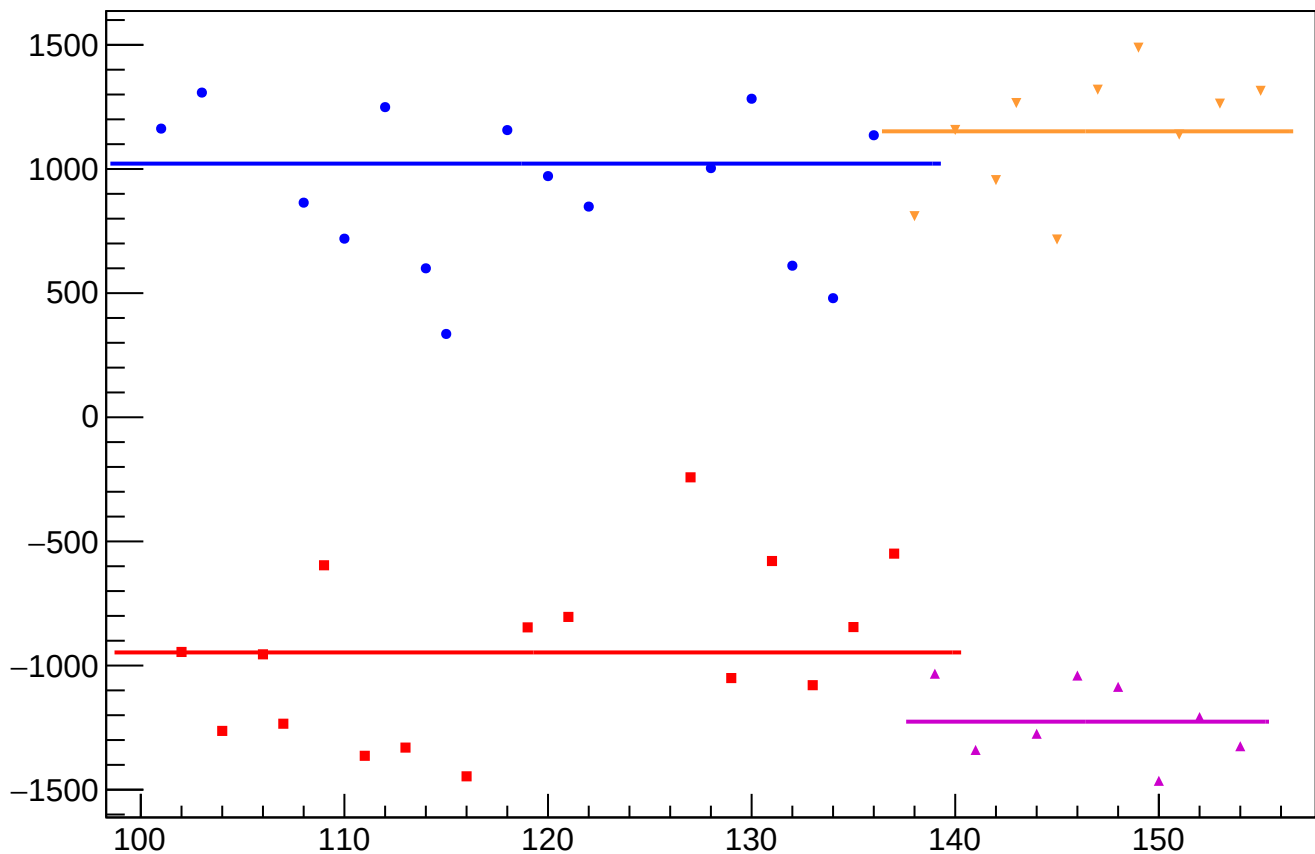
Right In: -9.582 ± 0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14
 Left In: 10.040 ± 0.000 χ^2/NDF : 8679815671463545781512299272470528.0/7
 Right Out: 8.211 ± 0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15
 Left Out: -10.101 ± 0.000 χ^2/NDF : 9319215261313216746777104179265536.0/9
 All: -0.536 ± 0.000 χ^2/NDF : 3015623786335

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



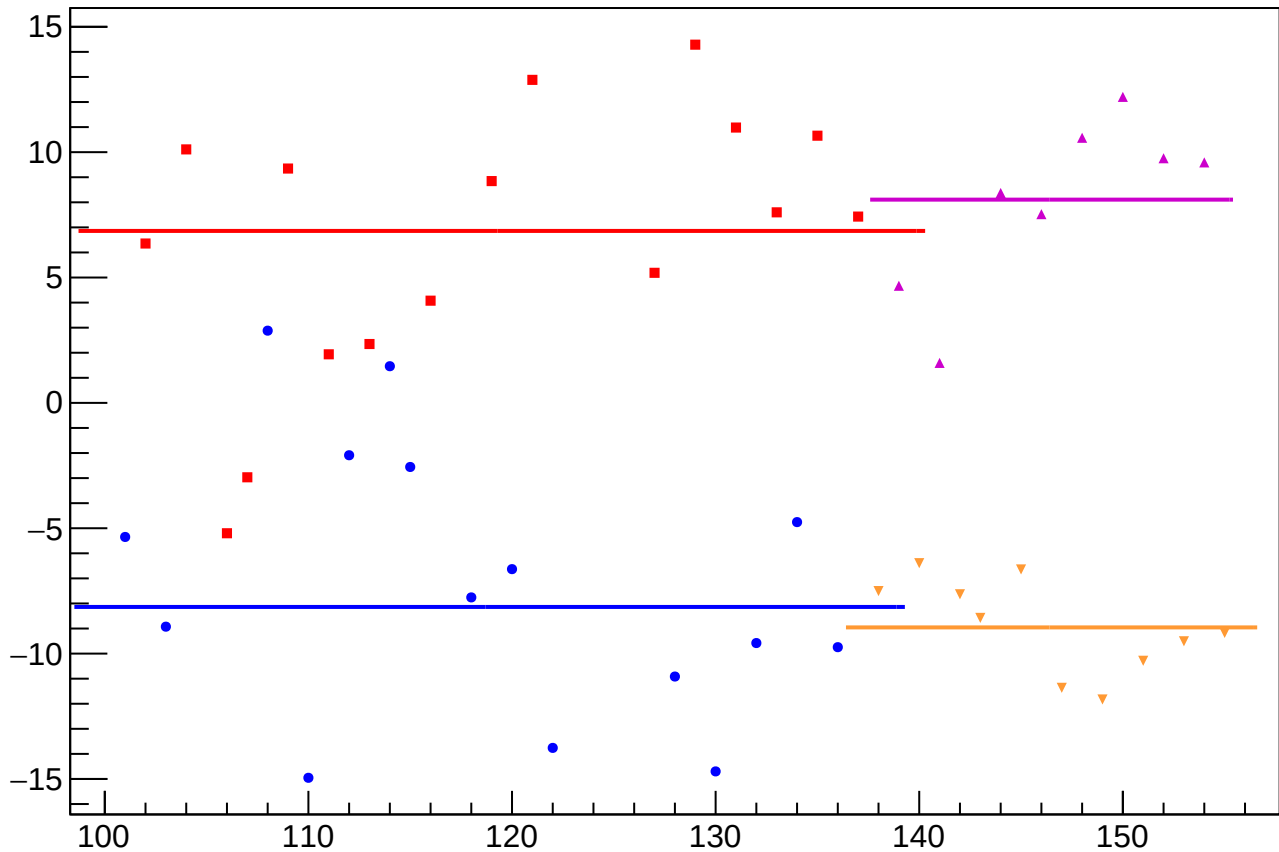
Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14
 Left Out: 1.636 $\pm$ 0.000 χ^2 /NDF: 171729984104808690447436209979392.0/9
 Right Out: -2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15
 Left In: -1.647 $\pm$ 0.000 χ^2 /NDF: 73390138968444672267288137695232.0/7
 All: 0.076 $\pm$ 0.000 χ^2 /NDF: 12522081779243

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



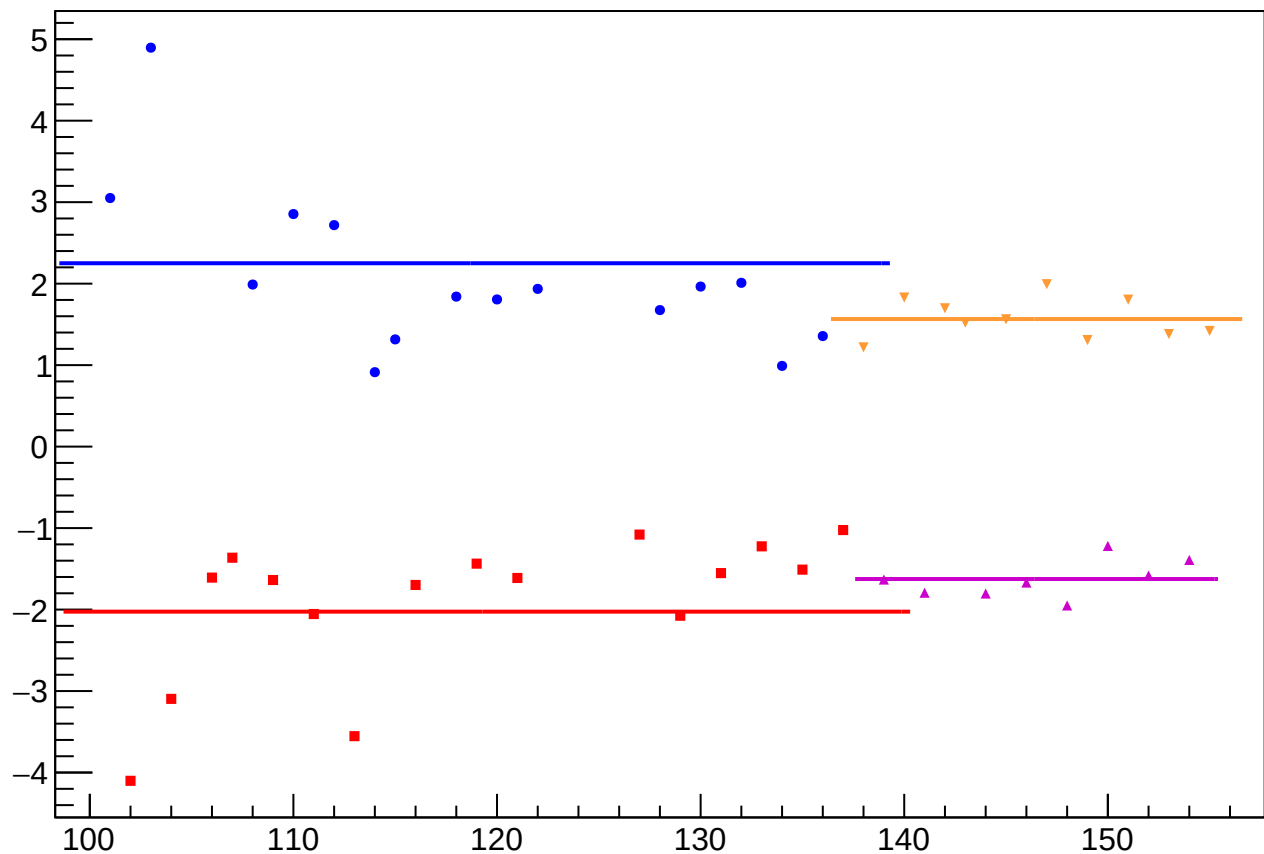
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 19.568+/-0.000	χ^2/NDF : 20975351722162317
Left Out: 1151.745+/-0.000	χ^2/NDF : 42067705374934767749155565762701688832.0/9	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: -135.751+/-0.000	χ^2/NDF : 1743808435002872
Left In: -1225.991+/-0.000	χ^2/NDF : 14916675602968721754329681431453761536.0/7	Out: 169.317+/-0.000	χ^2/NDF : 1672855561263249
	All: 21.586+/-0.000		χ^2/NDF : 3480886065849

dit_4eY_coil7_mean vs Slug, Sign Corrected



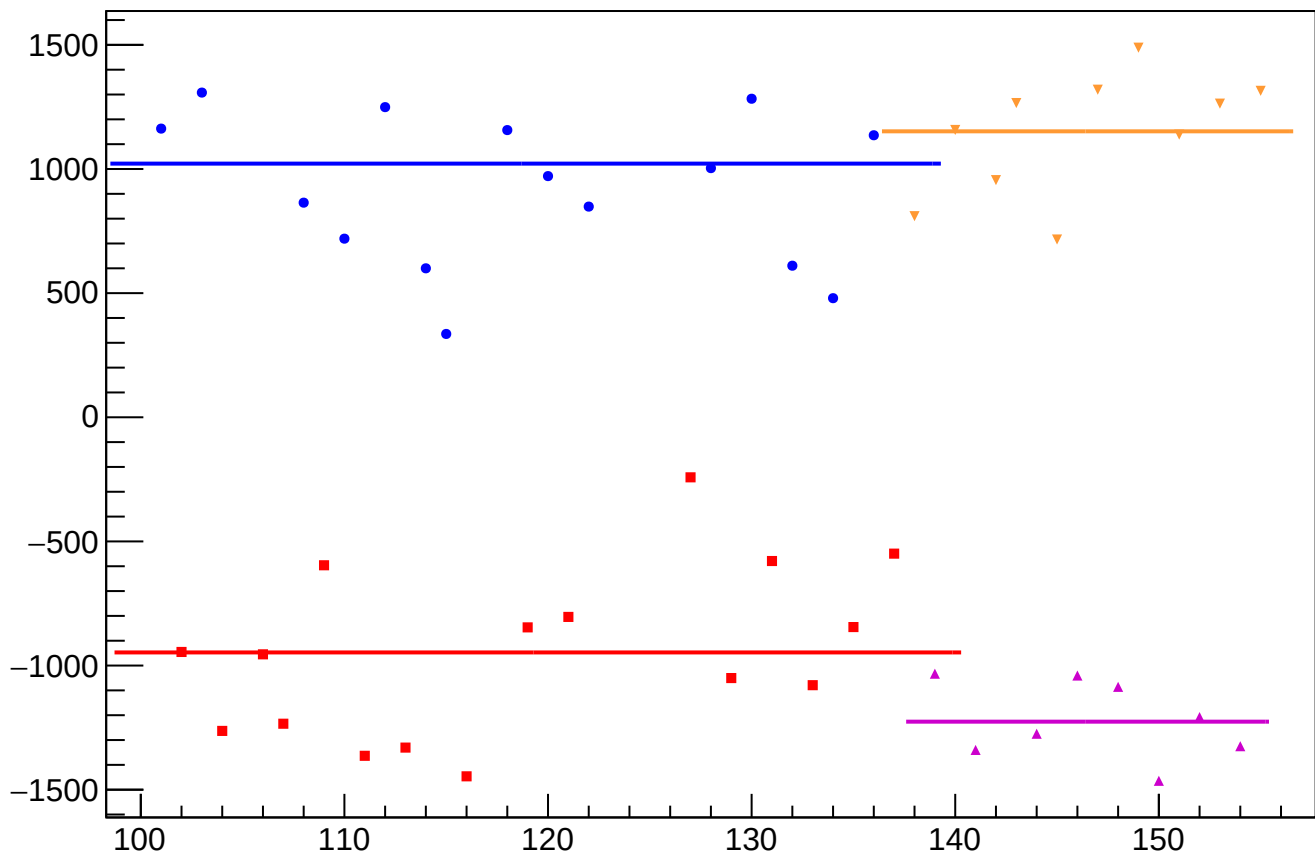
Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14
 Left Out: -8.955 ± 0.000 χ^2/NDF : 2537964568413647716508506259456000.0/9
 Right Out: 6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15
 Left In: 8.107 ± 0.000 χ^2/NDF : 706816225746876052533820805742592.0/7
 All: -0.691 ± 0.000 χ^2/NDF : 2198815372663

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



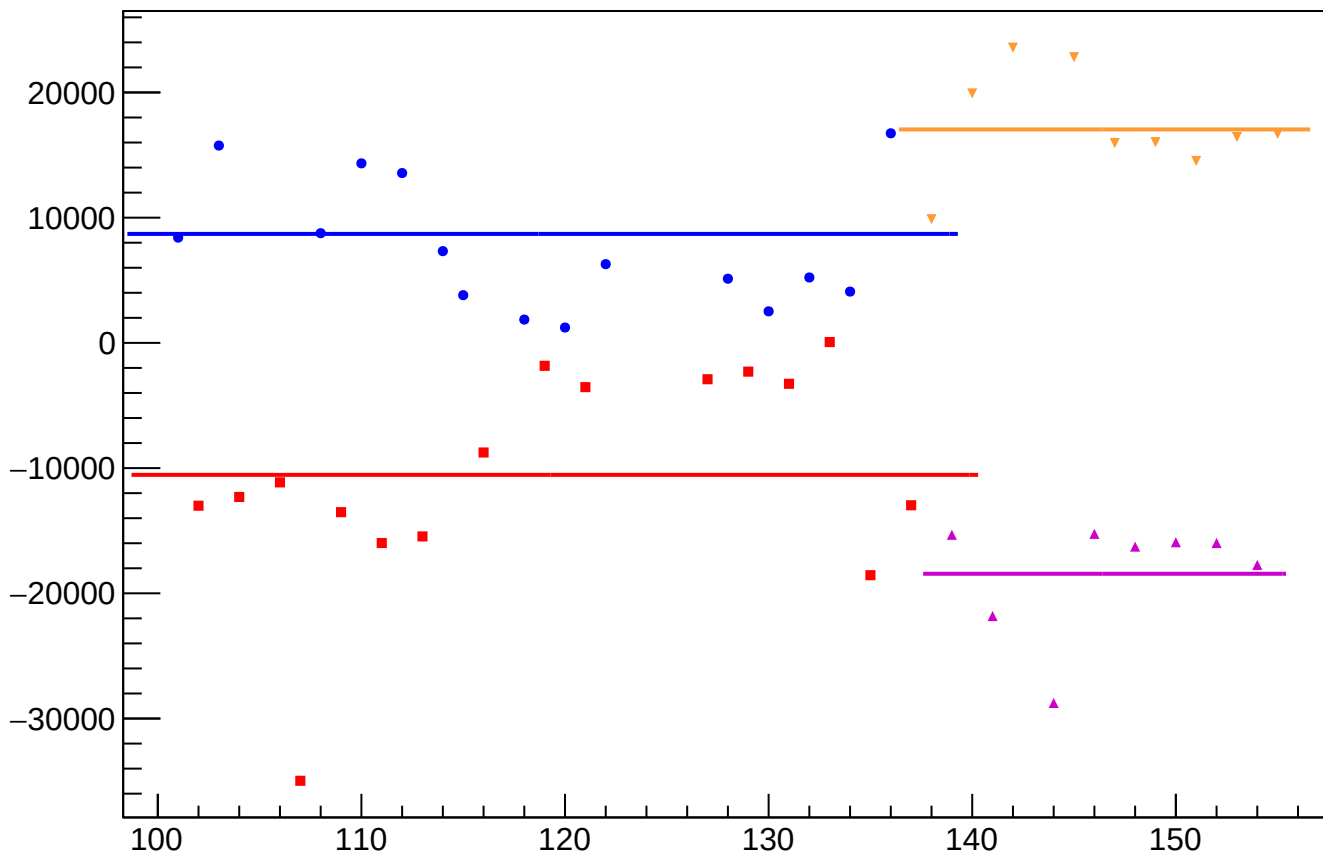
Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.566 ± 0.000 χ^2/NDF : 44886455991637684195955021185024.0/9
 Right Out: -2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: -1.625 ± 0.000 χ^2/NDF : 34294576263080206439745371242496.0/7
 All: 0.064 ± 0.000 χ^2/NDF : 11003566842093

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



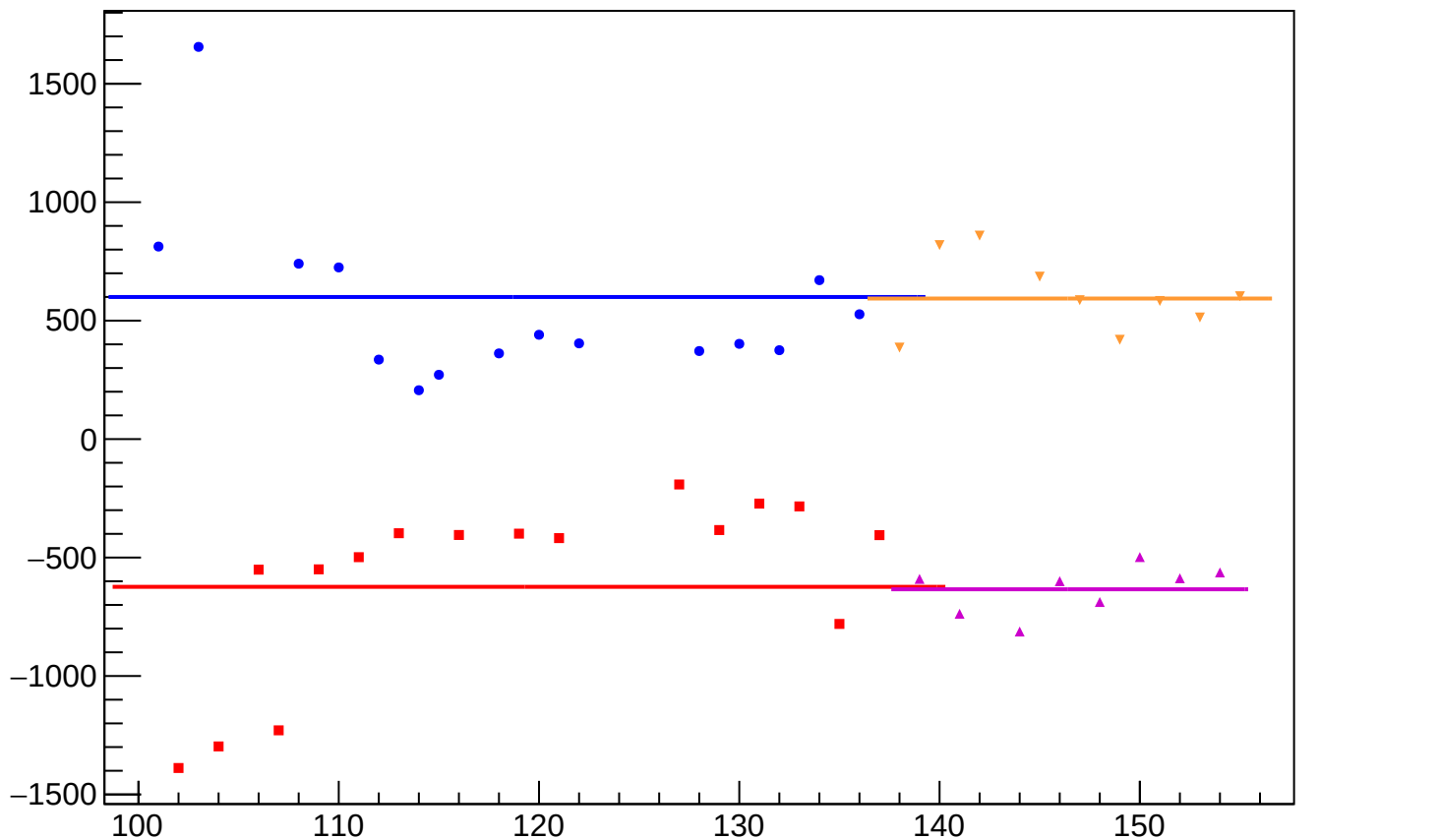
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7
 All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_usl_coil7_mean vs Slug, Sign Corrected



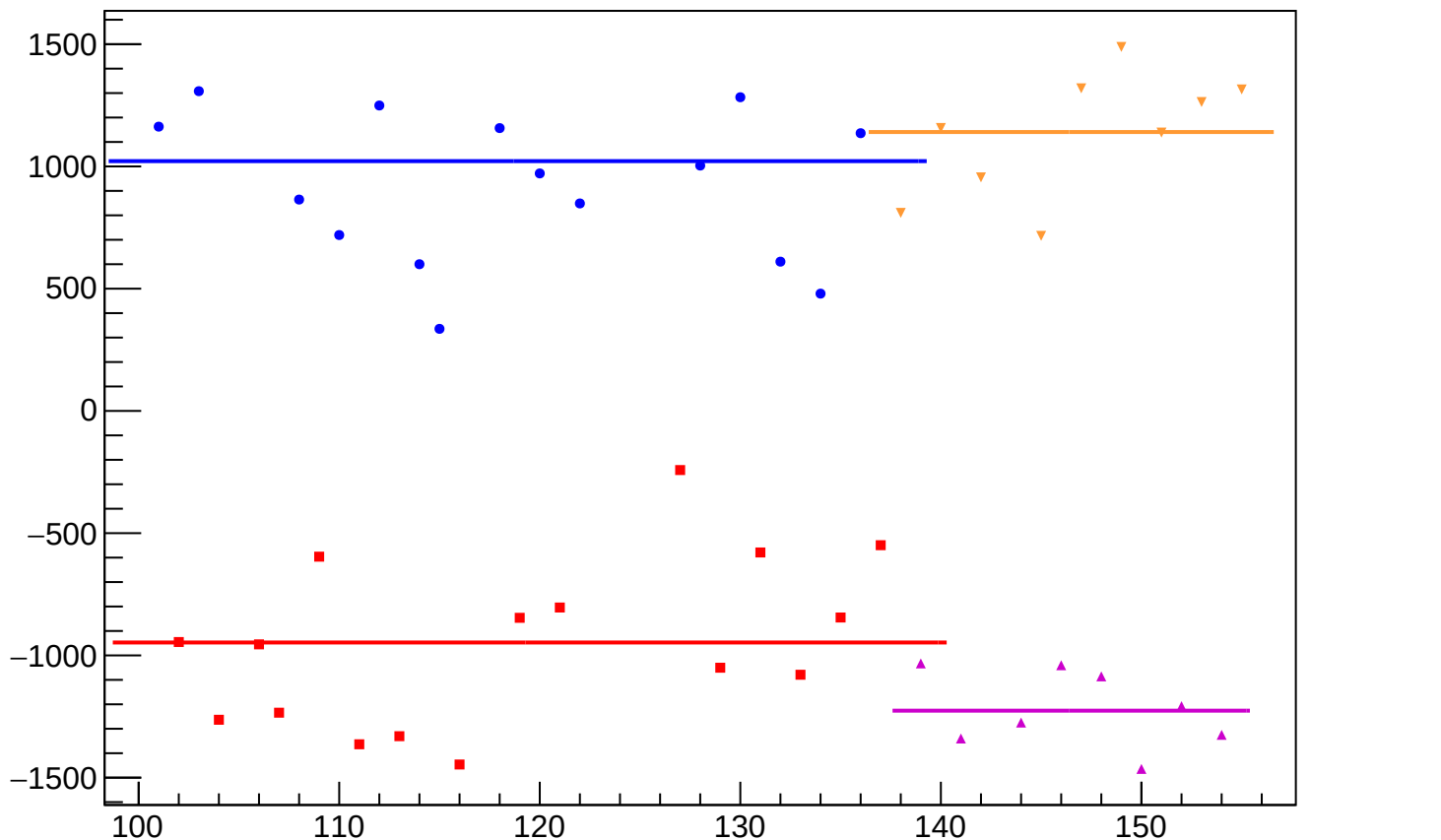
Left: -670.078+/-0.000 χ^2/NDF : 458104690979626
 Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Right: -1049.596+/-0.000 χ^2/NDF : 1875271262832
 Left Out: 17047.082+/-0.000 χ^2/NDF : 10050816774386370855489240418614314532864.0/8
 In: -5273.377+/-0.000 χ^2/NDF : 279320632965906
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Out: 3497.645+/-0.000 χ^2/NDF : 314559683058652
 Left In: -18438.666+/-0.000 χ^2/NDF : 13617576422490532664571621963989763751936.0/7
 All: -855.332+/-0.000 χ^2/NDF : 64572884157

dit_usl_coil7_err_mean vs Slug, Sign Corrected



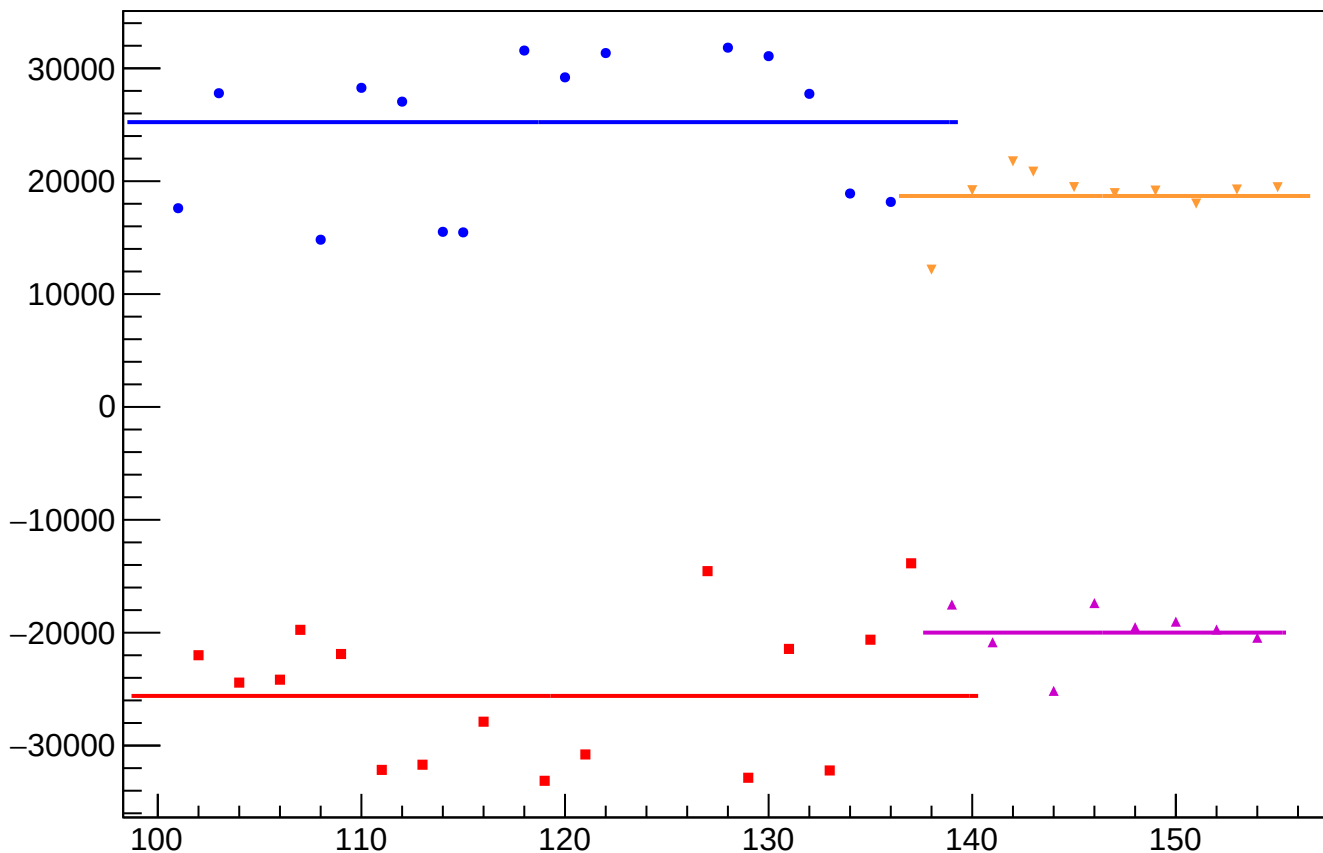
Right In: 599.849 ± 0.000 $\chi^2/\text{NDF}: 89258961100373244309337208715638472704.0/14$
 Left Out: 593.385 ± 0.000 $\chi^2/\text{NDF}: 14563443800561983692842857336263409664.0/8$
 Right Out: -623.569 ± 0.000 $\chi^2/\text{NDF}: 101448845479297603044152618126879490048.0/15$
 Left In: -633.936 ± 0.000 $\chi^2/\text{NDF}: 655370665748030480665845046853500928.0/7$
 All: -19.796 ± 0.000 $\chi^2/\text{NDF}: 122384338294$

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1140.699 $\pm$ 0.000 χ^2 /NDF: 41113781681505982054806709137439719424.0/8
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1225.991 $\pm$ 0.000 χ^2 /NDF: 14916675602968721754329681431453761536.0/7
 All: -9.332 $\pm$ 0.000 χ^2 /NDF: 3374609775837

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 25232.229 +/- 0.000

χ^2/NDF : 24534581974772031016304633863538632294400.0/14

Left Out: 18689.982 +/- 0.000

χ^2/NDF : 4273952135669104860377486053662854742016.0/9

Right Out: -25601.388 +/- 0.000

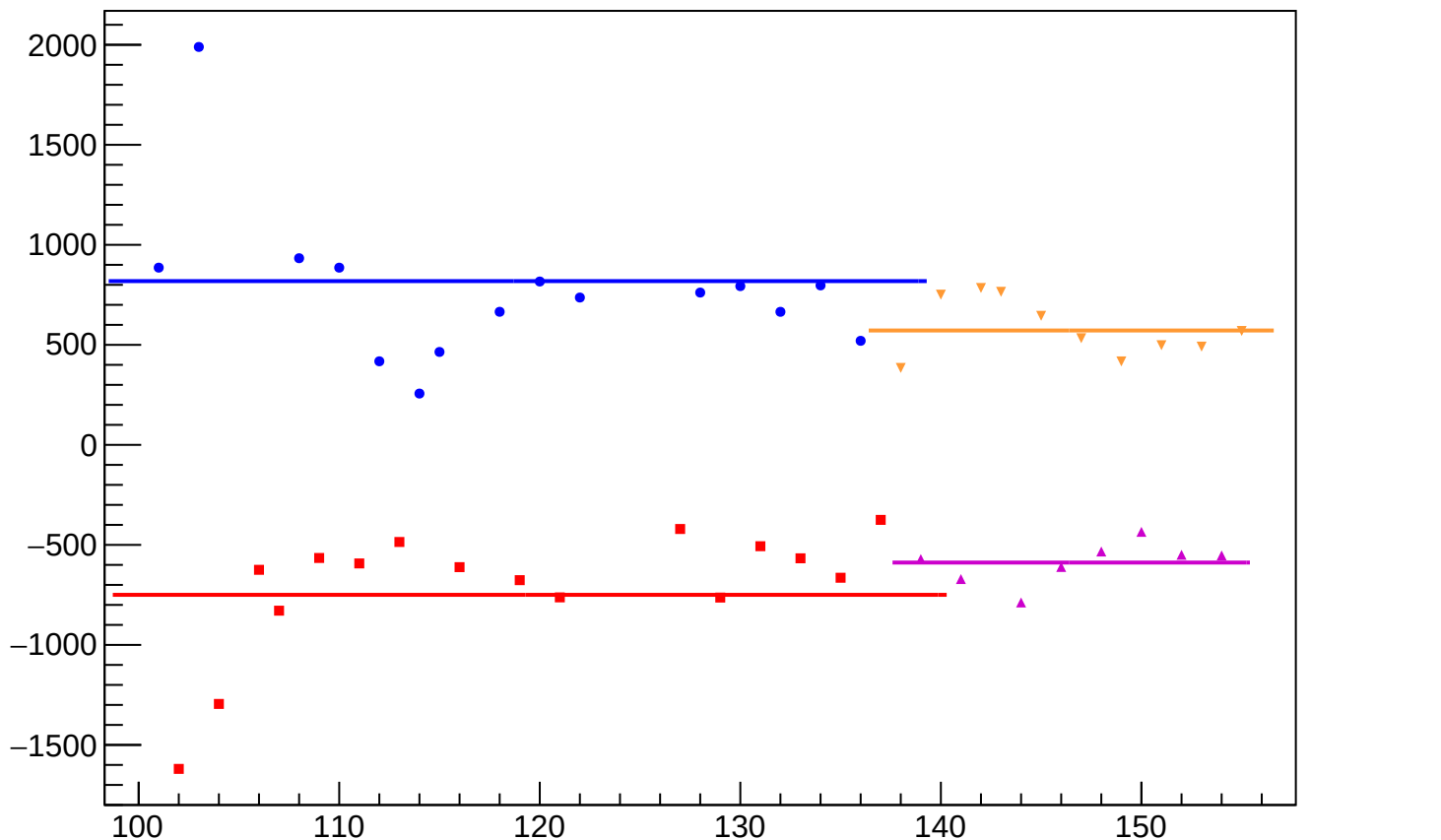
χ^2/NDF : 24359757587964510827650819847270483099648.0/15

Left In: -19993.188 +/- 0.000

χ^2/NDF : 3632573034403085212765460815228480520192.0/7

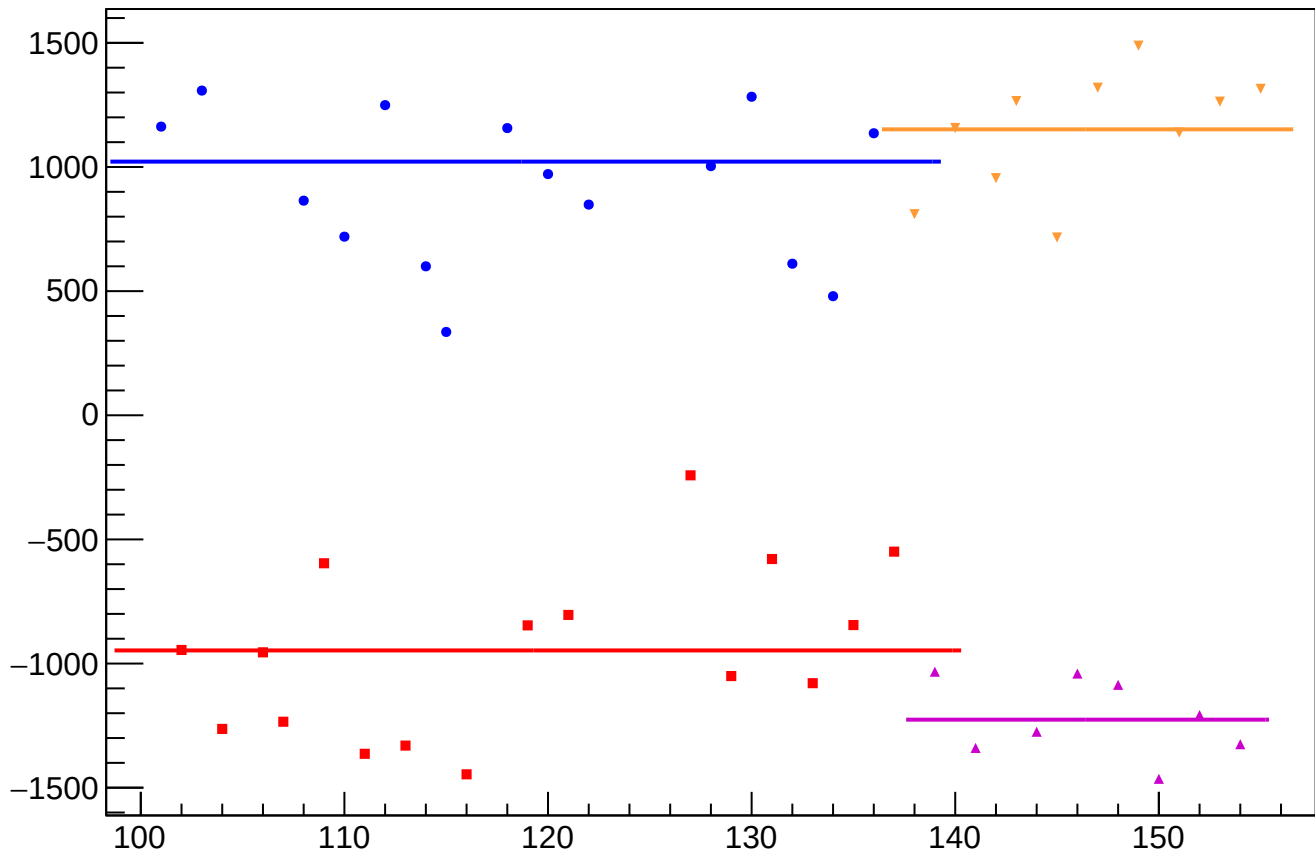
All: -111.730 +/- 0.000 χ^2/NDF : 14473281267

dit_usr_coil7_err_mean vs Slug, Sign Corrected



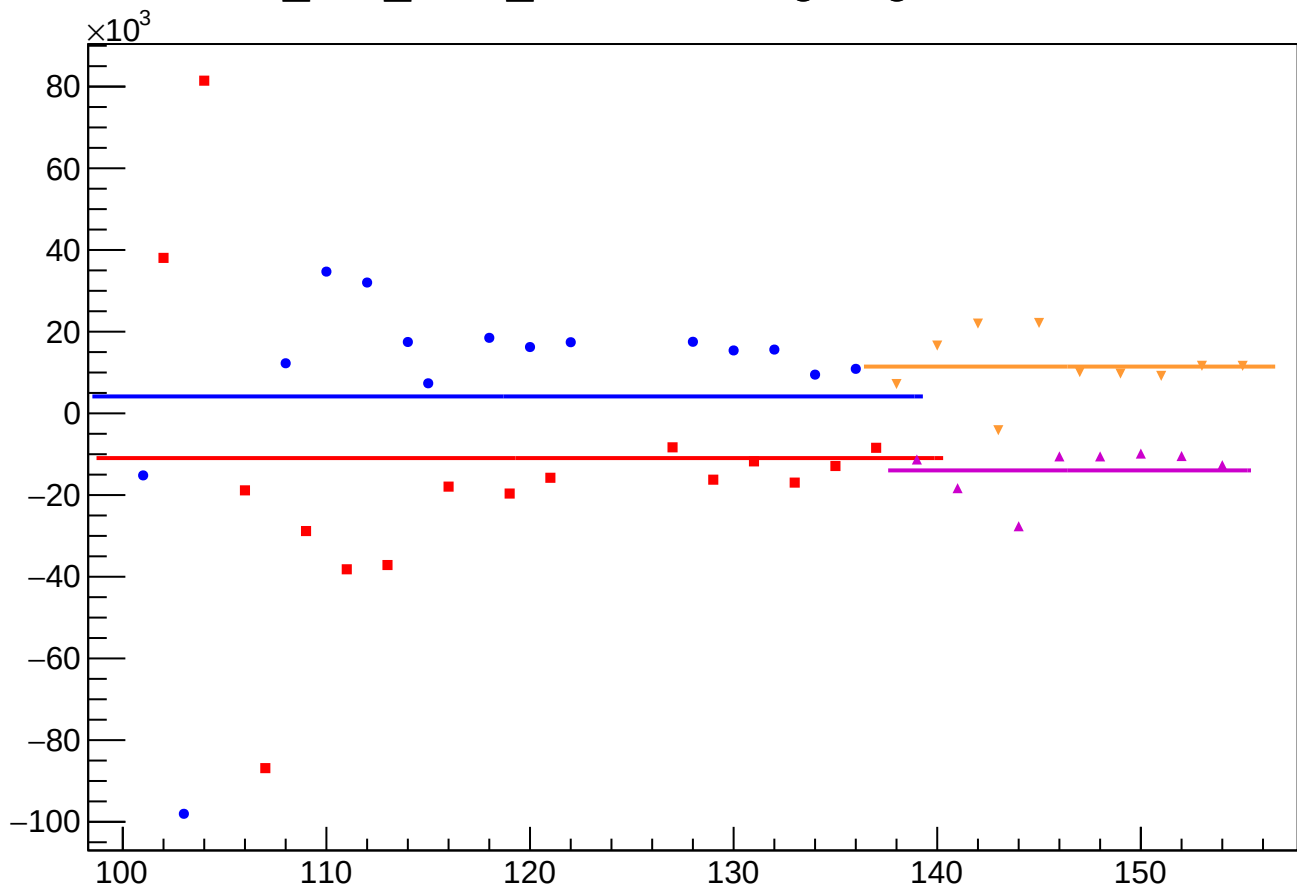
Right In: 818.668 ± 0.000 $\chi^2/\text{NDF}: 105606527096911974489496802318373355520.0/14$
 Left Out: 571.836 ± 0.000 $\chi^2/\text{NDF}: 13471705404993606166870357945171836928.0/9$
 Right Out: -749.661 ± 0.000 $\chi^2/\text{NDF}: 77972691834605708706145461250669150208.0/15$
 Left In: -588.292 ± 0.000 $\chi^2/\text{NDF}: 6831871837212381391966761393030430720.0/7$
 All: 21.502 ± 0.000 $\chi^2/\text{NDF}: 1498742842028$

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



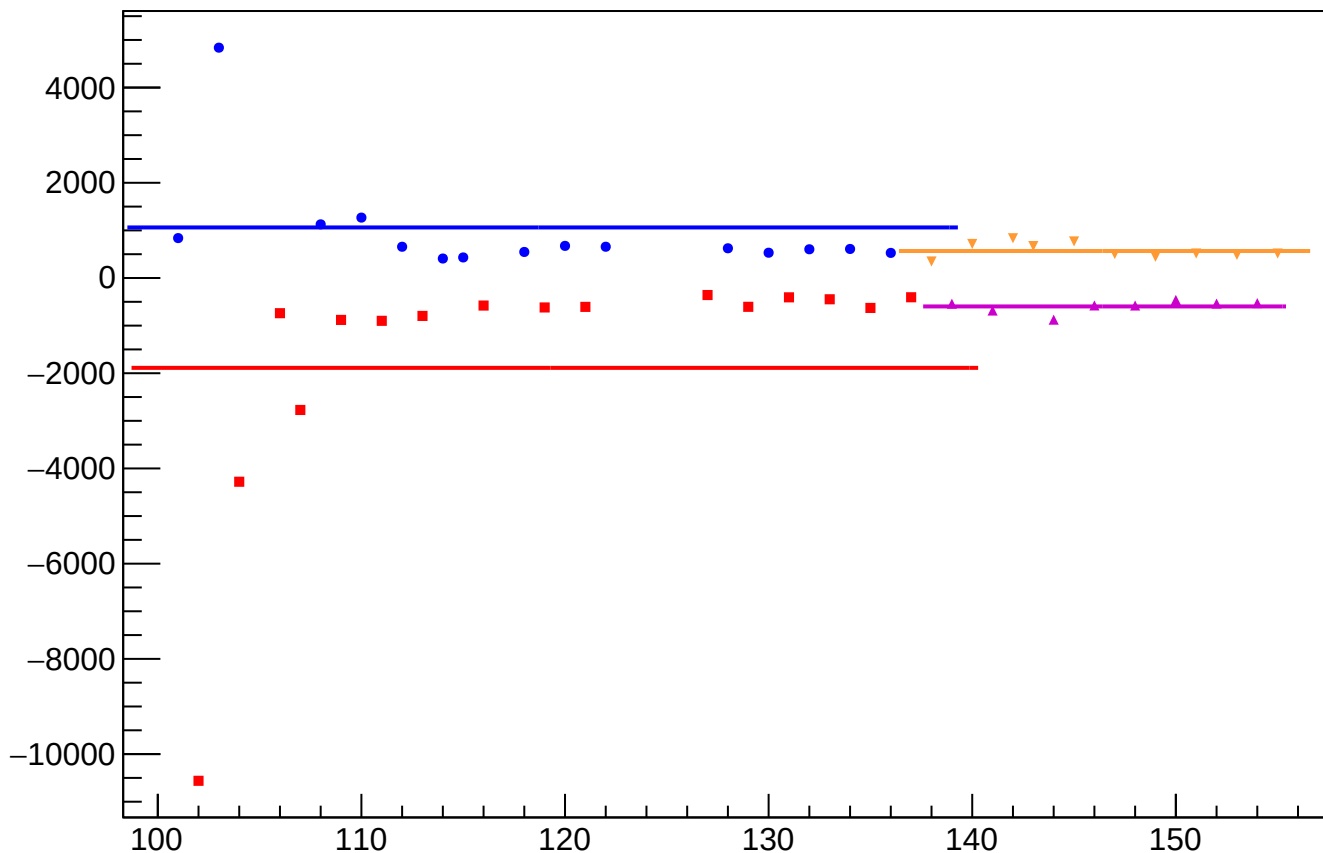
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7
 All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_atl1_coil7_mean vs Slug, Sign Corrected



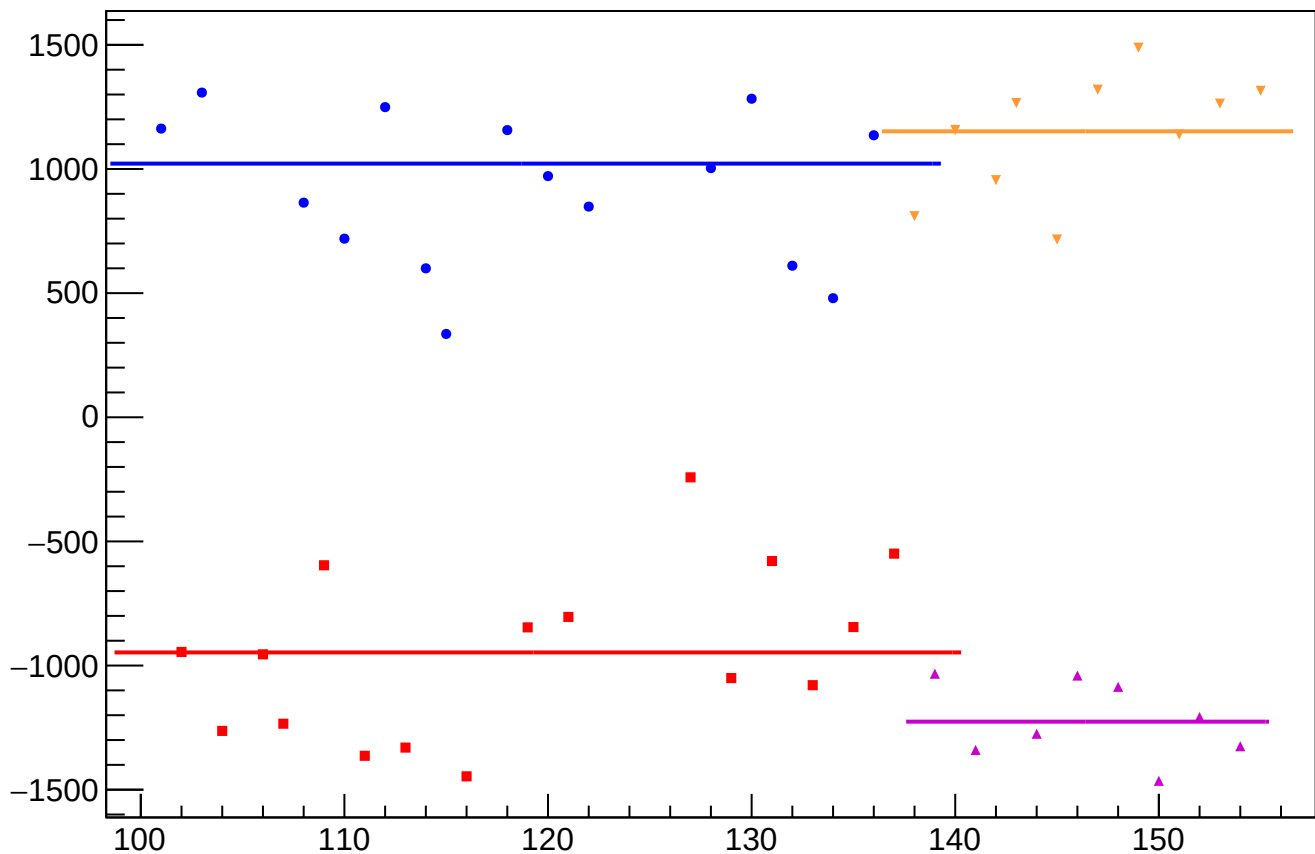
Right In: 4145.268+/-0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11453.262+/-0.000 χ^2/NDF : 34990851692598223816532233903894633119744.0/9
 Right Out: -10948.073+/-0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: -13964.782+/-0.000 χ^2/NDF : 2355735300228359582311693875939544924160.0/7
 All: -2009.500+/-0.000 χ^2/NDF : 2009931147

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



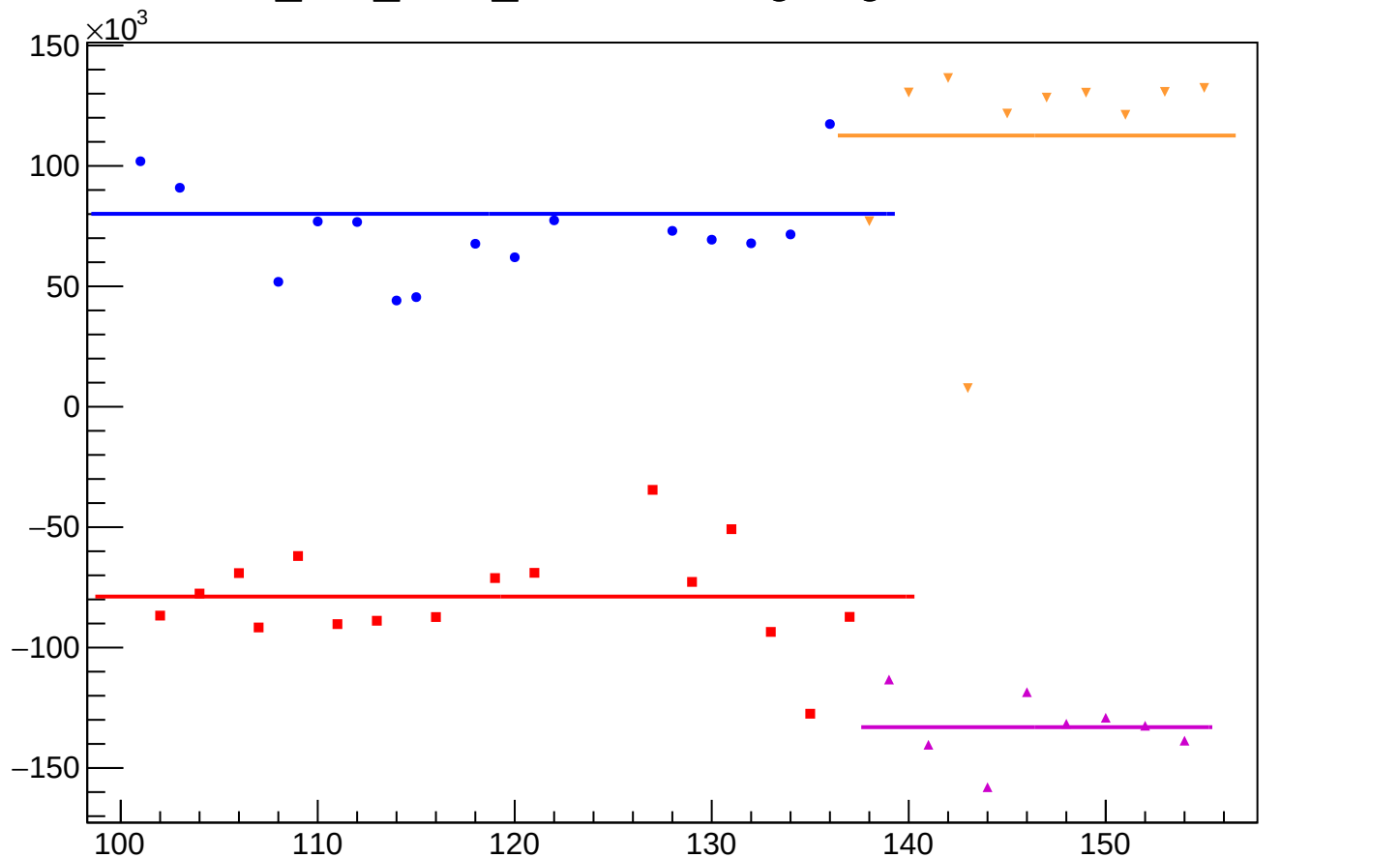
Right In: 1062.141 $\pm$ 0.000 χ^2 /NDF: 952806231926530012715872184655778152448.0/14
 Left Out: 567.319 $\pm$ 0.000 χ^2 /NDF: 15456146903250209229244619907187867648.0/9
 Right Out: -1887.077 $\pm$ 0.000 χ^2 /NDF: 5525872718363845620366029387569058283520.0/15
 Left In: -597.079 $\pm$ 0.000 χ^2 /NDF: 10298448800925738934741608462922285056.0/7
 All: -199.316 $\pm$ 0.000 χ^2 /NDF: 99916526484

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



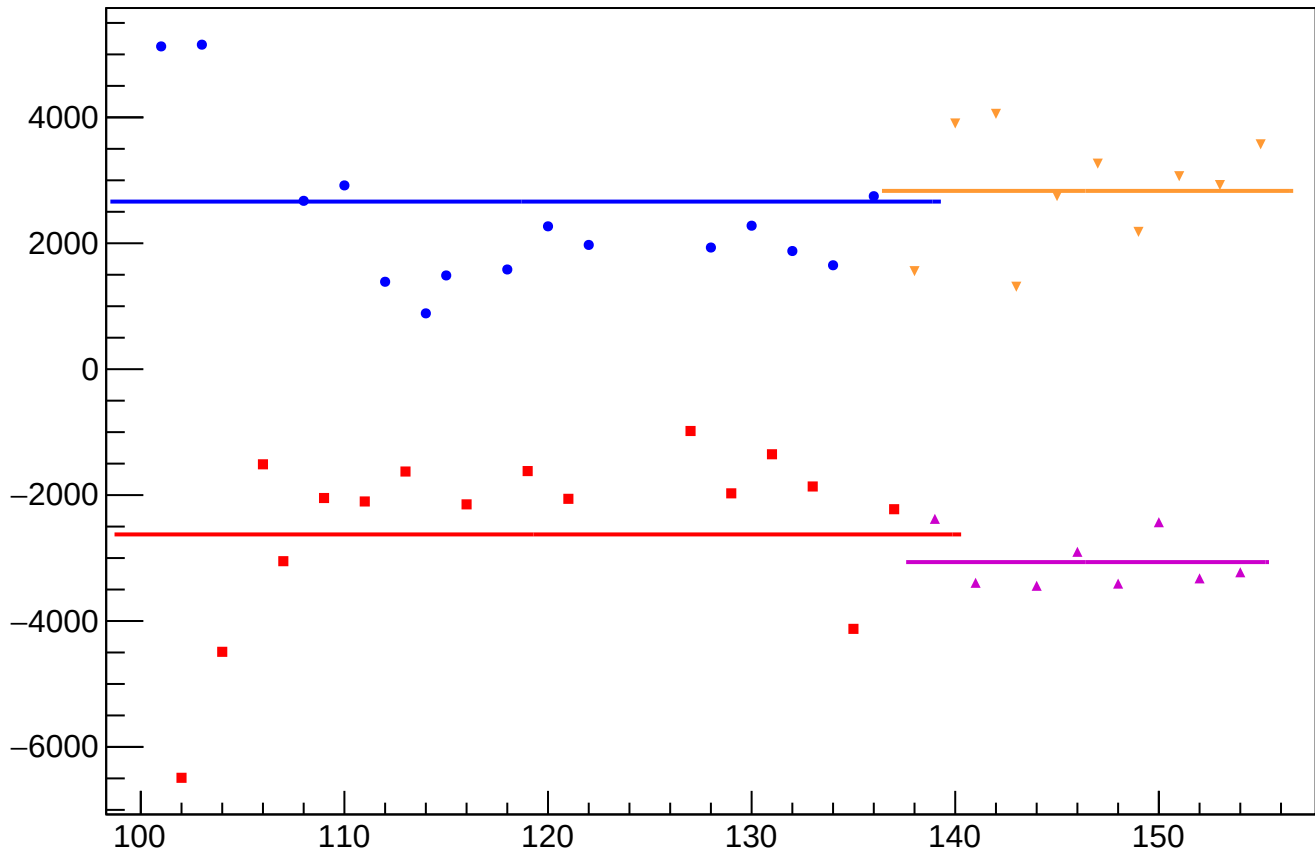
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 19.568+/-0.000	χ^2/NDF : 20975351722162317
Left Out: 1151.745+/-0.000	χ^2/NDF : 42067705374934767749155565762701688832.0/9	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: -135.751+/-0.000	χ^2/NDF : 1743808435002872
Left In: -1225.991+/-0.000	χ^2/NDF : 14916675602968721754329681431453761536.0/7	Out: 169.317+/-0.000	χ^2/NDF : 1672855561263249
	All: 21.586+/-0.000	χ^2/NDF : 3480886065849	

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 80102.504+/-0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14	Left: -4355.213+/-0.000	χ^2/NDF : 22901019955133
Left Out: 112618.661+/-0.000	χ^2/NDF : 1005645509275041811860974762075762521538560.0/9	Right: -443.492+/-0.000	χ^2/NDF : 88479516524724
Right Out: -78815.832+/-0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15	In: -29656.512+/-0.000	χ^2/NDF : 15551125215602
Left In: -133043.452+/-0.000	χ^2/NDF : 113449286631843654476480300958851790798848.0/7	Out: 23013.884+/-0.000	χ^2/NDF : 14294033732292
		All: -2492.084+/-0.000	χ^2/NDF : 3175951740

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2662.183+/-0.000

χ^2/NDF : 1031389230165640157864439705583367487488.0/14

Left Out: 2831.999+/-0.000

χ^2/NDF : 544415139872669653470341203296218251264.0/9

Right Out: -2624.696+/-0.000

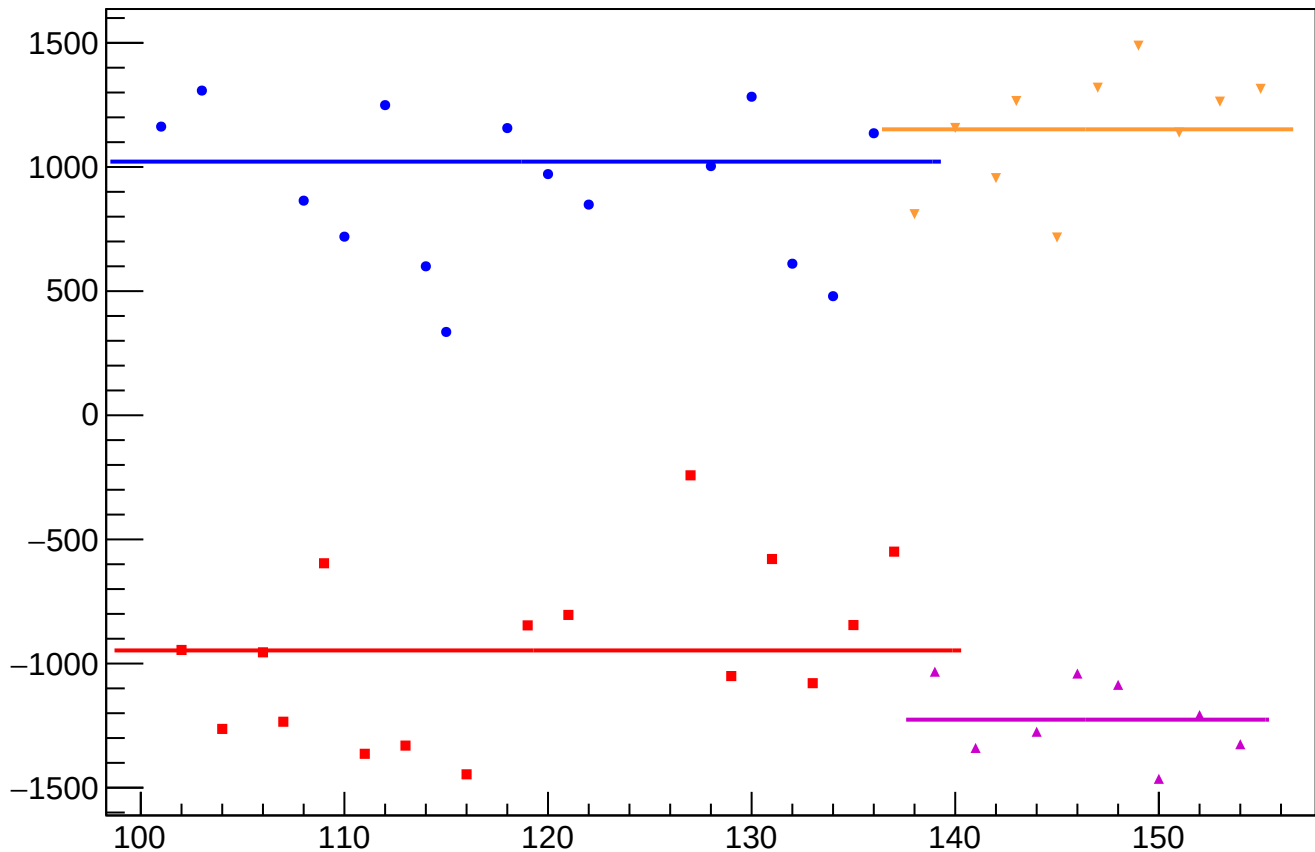
χ^2/NDF : 1566705216866534713590934835660406652928.0/15

Left In: -3064.200+/-0.000

χ^2/NDF : 116676543284157332172250182720969244672.0/7

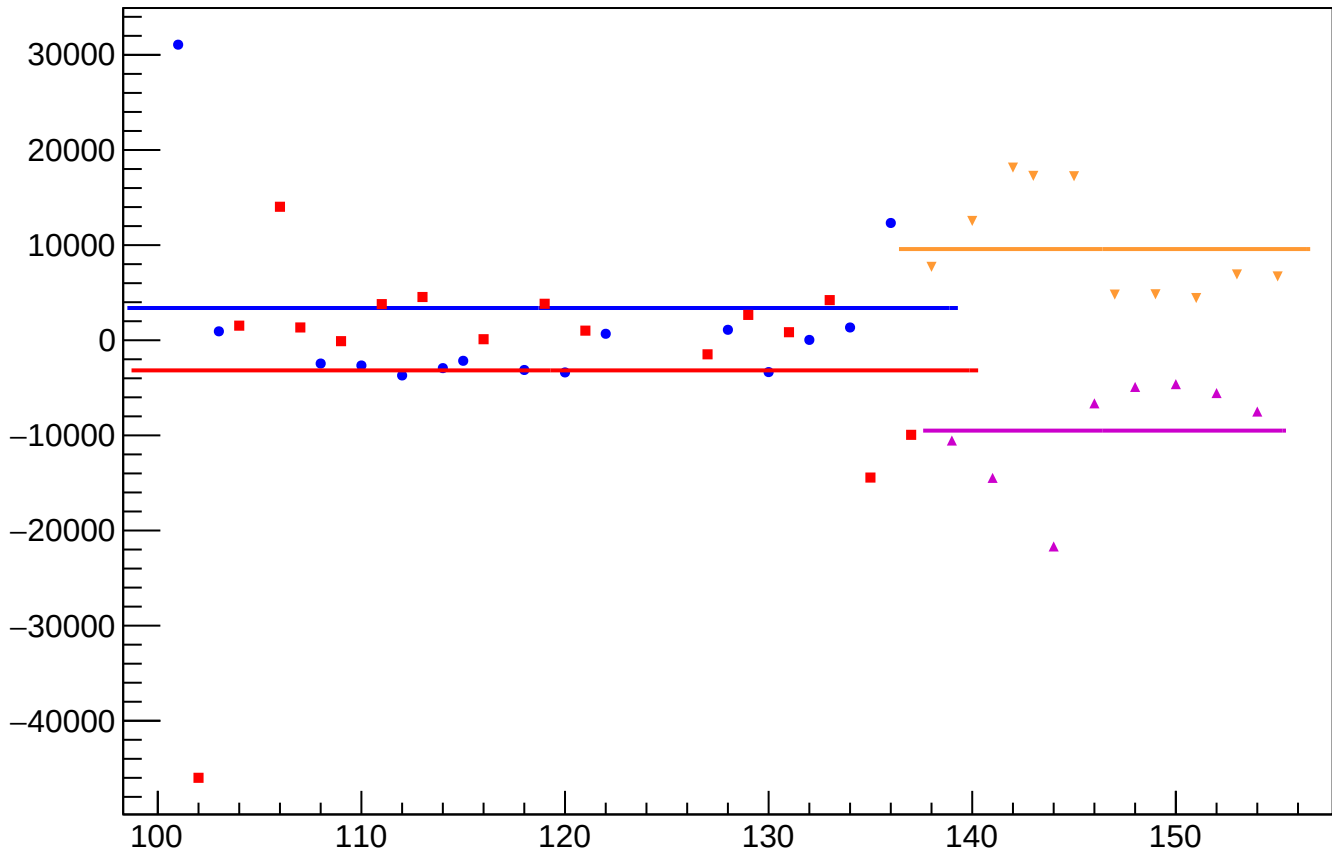
All: 4.526+/-0.000 χ^2/NDF : 25002284160489

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7
 All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550+/-0.000

χ^2/NDF : 65871927441553256724179194556280173756416.0/14

Left Out: 9586.633+/-0.000

χ^2/NDF : 20065940080744087620173924522843590098944.0/9

Right Out: -3167.396+/-0.000

χ^2/NDF : 137753886677241144460462531881687568089088.0/15

Left In: -9498.829+/-0.000

χ^2/NDF : 21722946080460047868924421605326569078784.0/7

Left: 498.946+/-0.000 χ^2/NDF : 1732584528754355

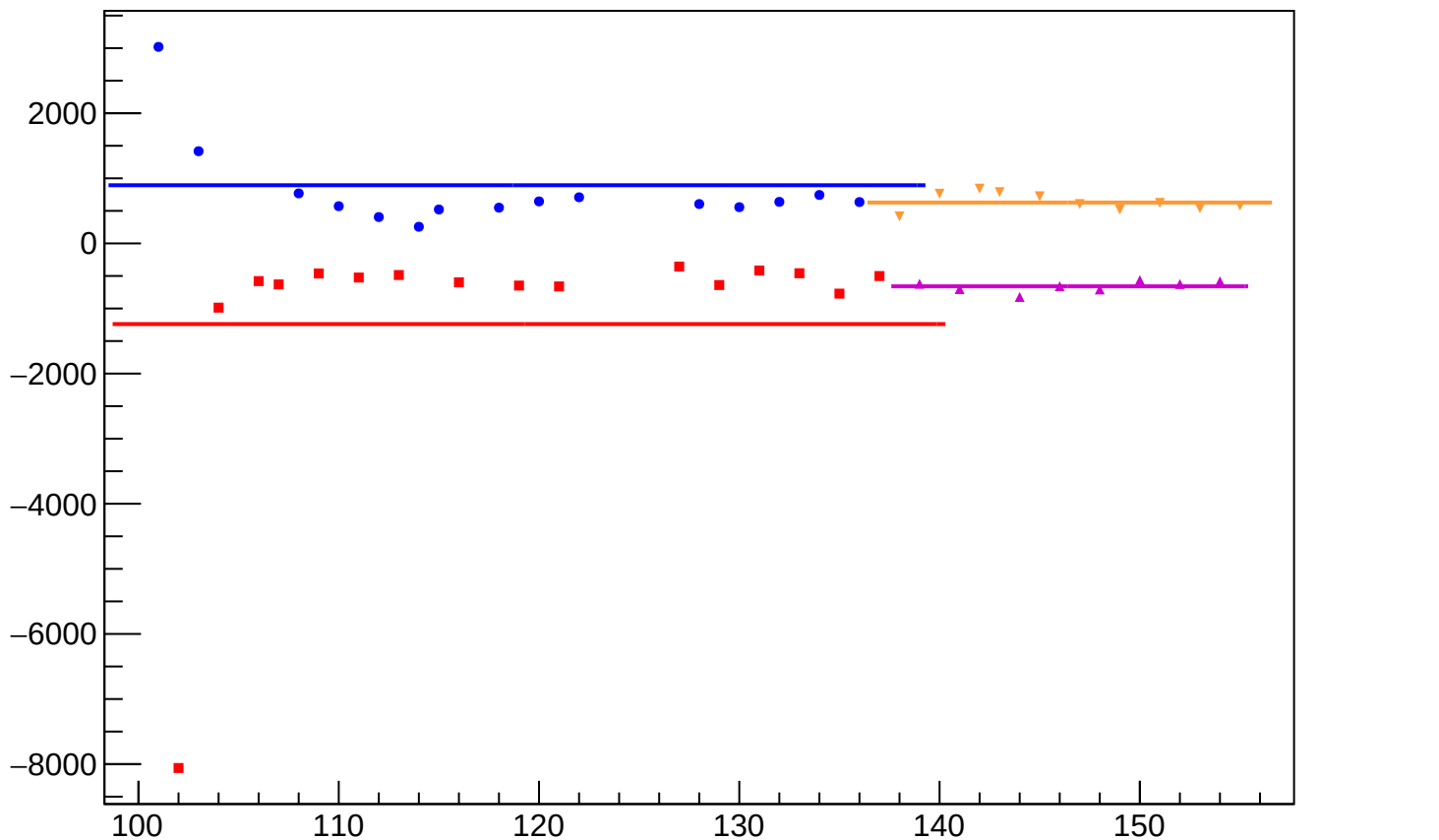
Right: 66.728+/-0.000 χ^2/NDF : 2177723560844725

In: -3246.806+/-0.000 χ^2/NDF : 143117730078974

Out: 3616.852+/-0.000 χ^2/NDF : 215532996369935

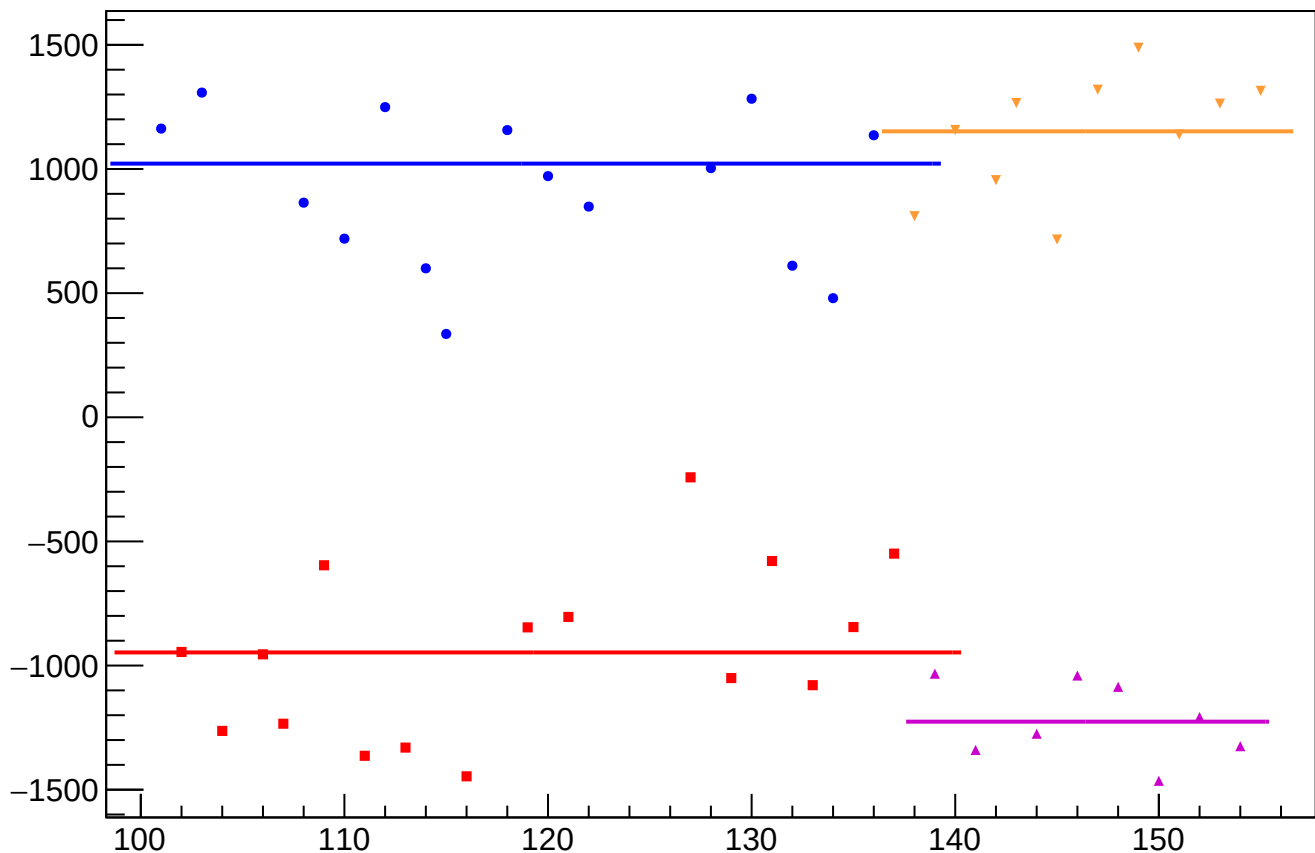
All: 293.083+/-0.000 χ^2/NDF : 391159559302

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



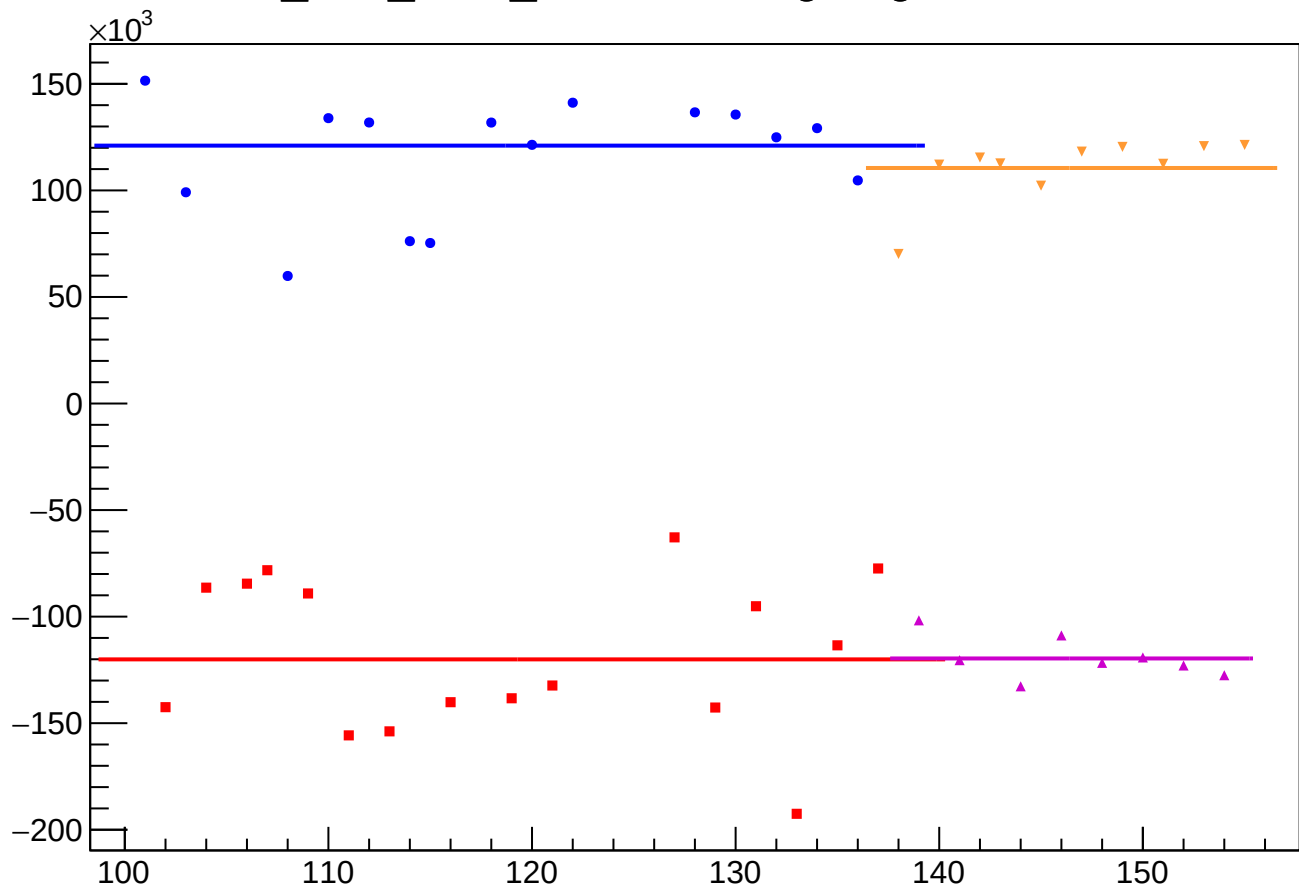
Left: 15.107+/-0.000 χ^2/NDF : 6140245485280015
 Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14
 Right: -187.395+/-0.000 χ^2/NDF : 48021156818850
 Left Out: 628.141+/-0.000 χ^2/NDF : 11431938275643075097875539838948605952.0/9
 In: 93.968+/-0.000 χ^2/NDF : 114495095815819279
 Right Out: -1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15
 Out: -245.952+/-0.000 χ^2/NDF : 421971725060361
 Left In: -659.319+/-0.000 χ^2/NDF : 4336691008026220857527501513702768640.0/7
 All: -81.343+/-0.000 χ^2/NDF : 544440224393

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



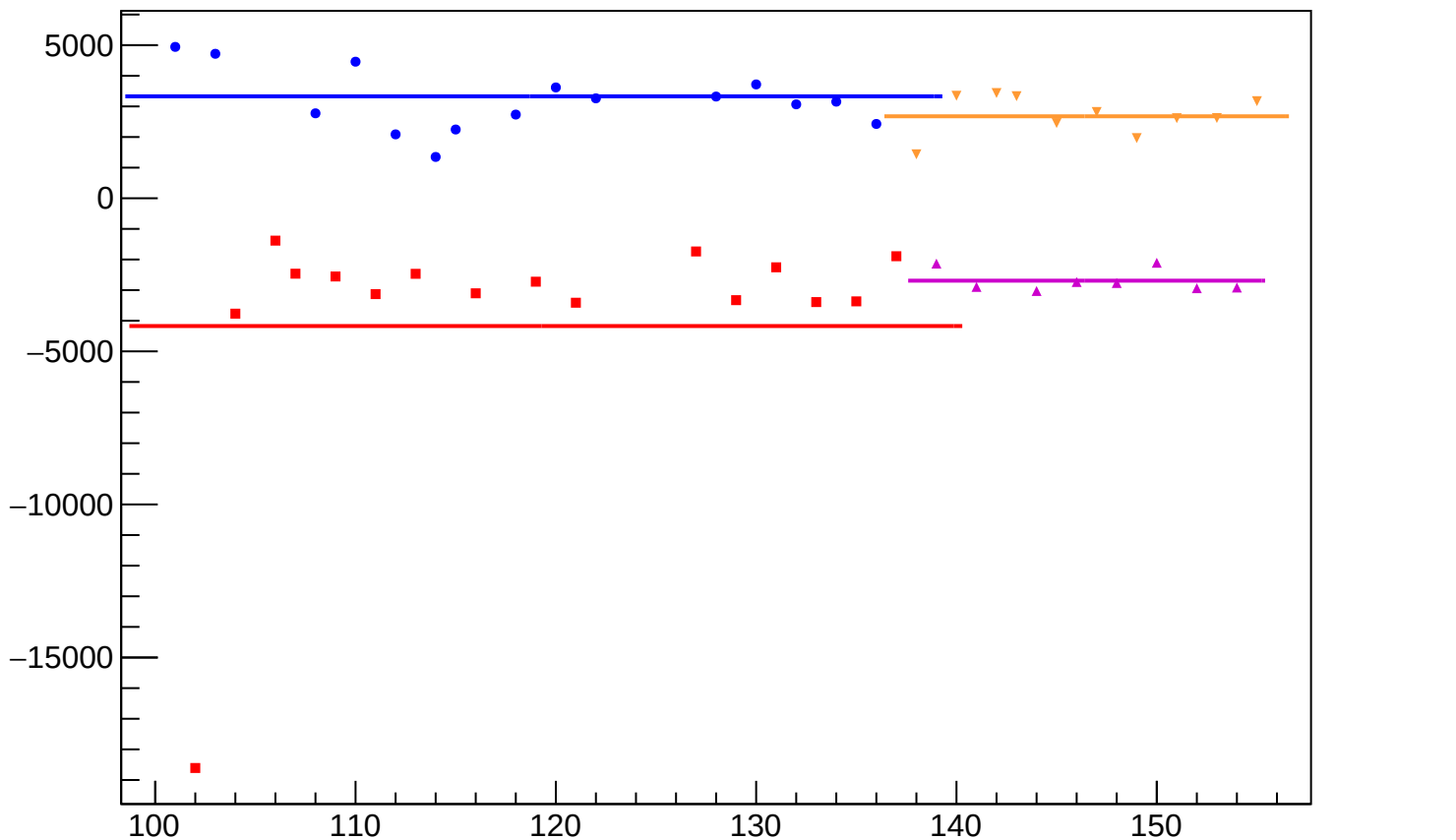
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7
 All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_atr2_coil7_mean vs Slug, Sign Corrected



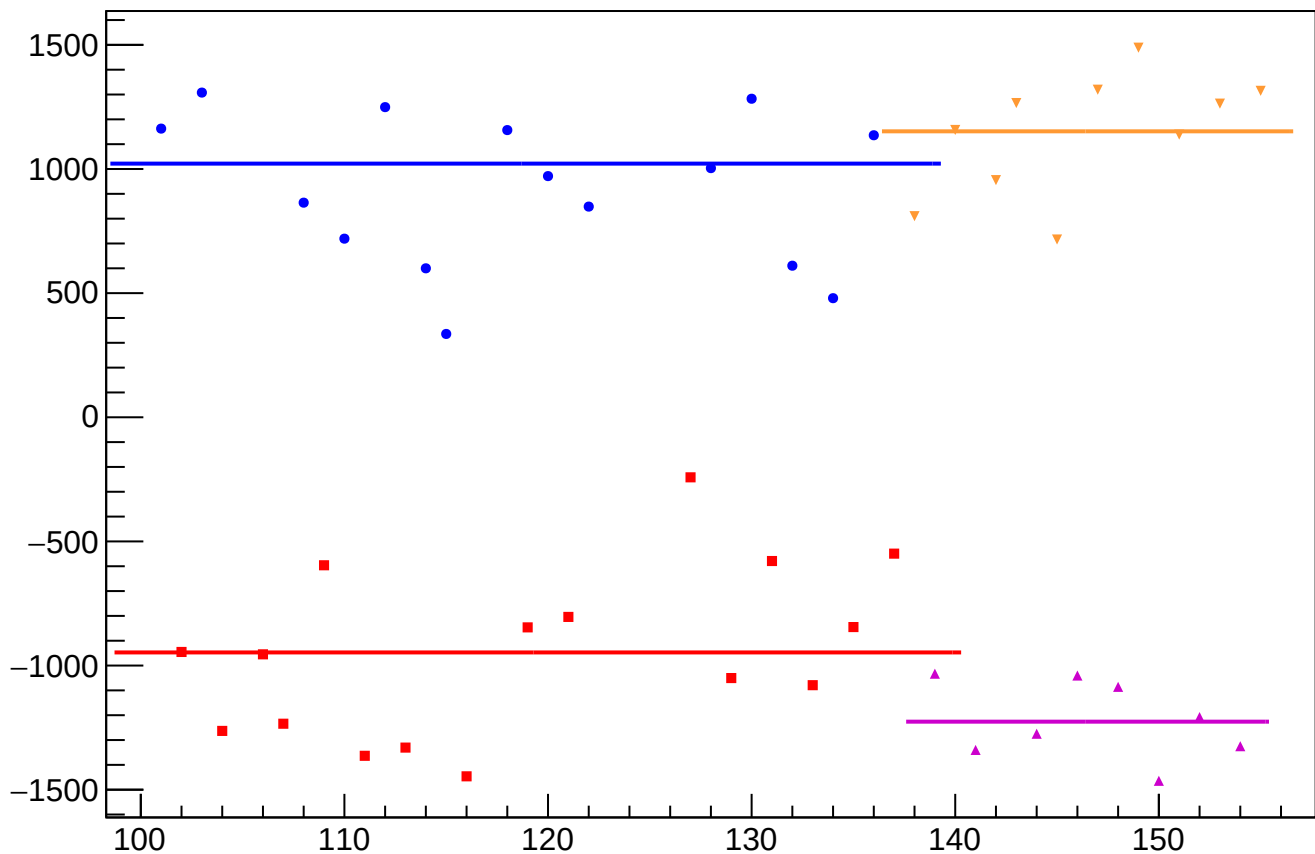
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 110523.127 $\pm$ 0.000 χ^2 /NDF: 165552804939725039415870639423598167588864.0/9
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -119629.955 $\pm$ 0.000 χ^2 /NDF: 57703305641263858646650204291068661334016.0/7
 All: -68.510 $\pm$ 0.000 χ^2 /NDF: 396492405716

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



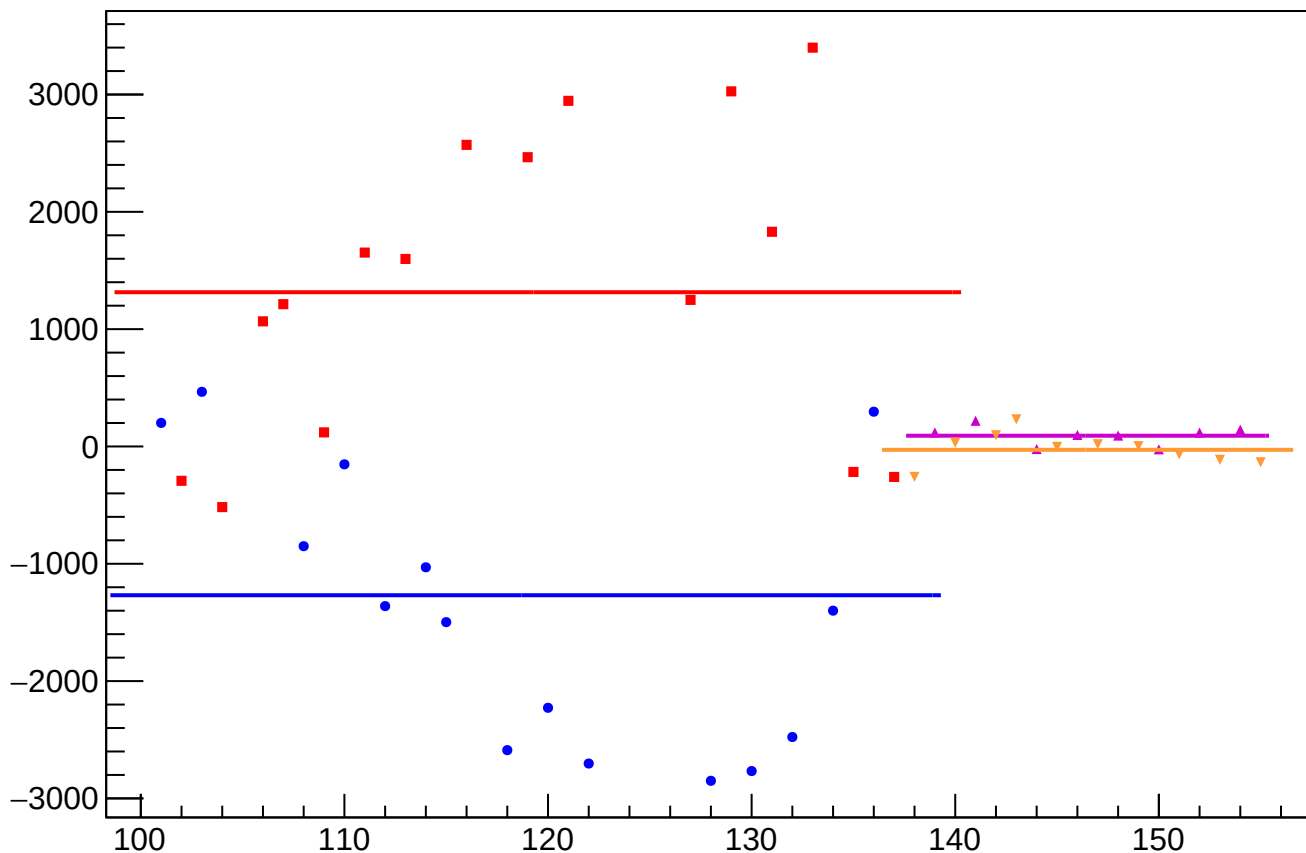
Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2677.127+/-0.000 χ^2/NDF : 280745794621275067398062048470242426880.0/9
 Right Out: -4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: -2691.648+/-0.000 χ^2/NDF : 80363649981833578618579675608780898304.0/7
 All: -162.188+/-0.000 χ^2/NDF : 43590072218

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



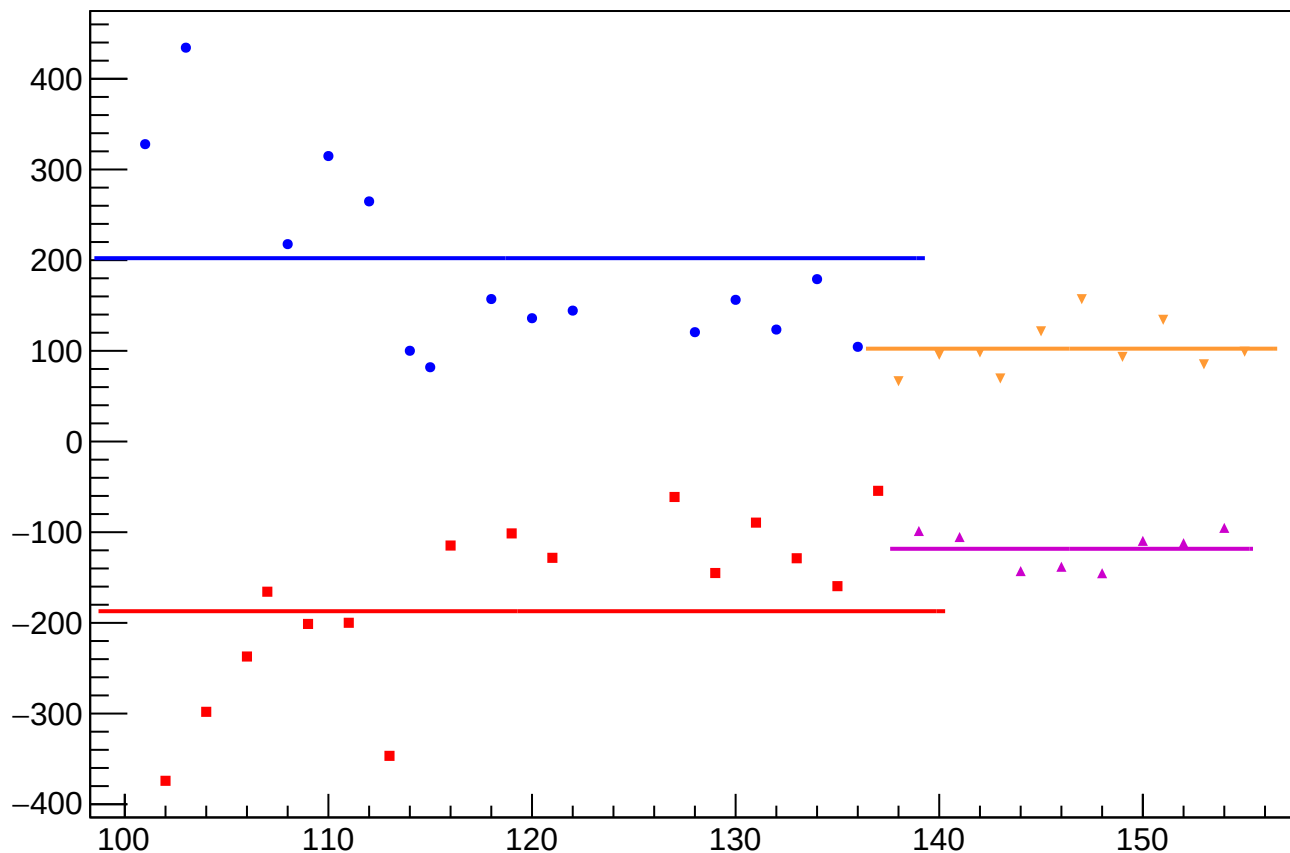
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7
 All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_sam1_coil7_mean vs Slug, Sign Corrected



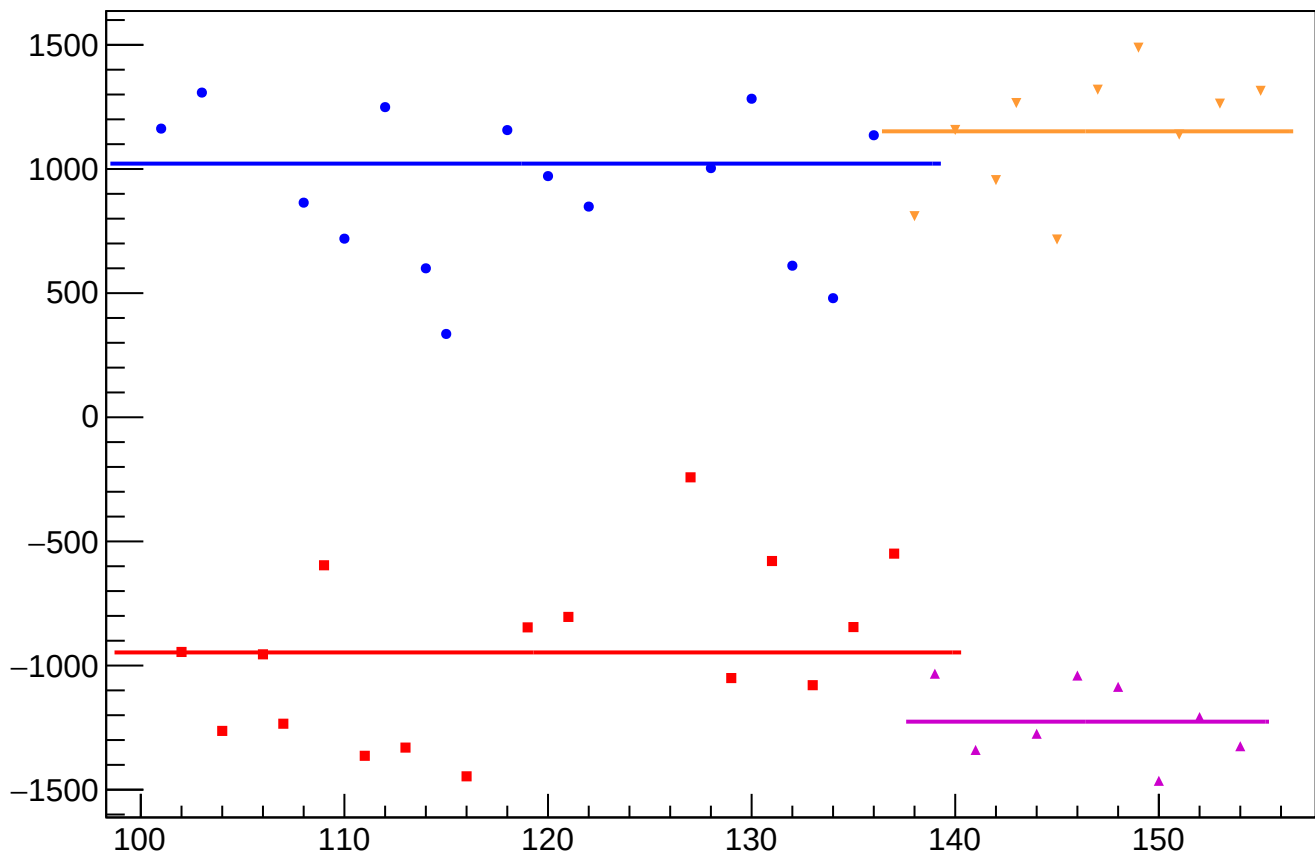
Left: 28.616+/-0.000 χ^2/NDF : 2099960599524769
 Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Right: 41.017+/-0.000 χ^2/NDF : 4385100658196815
 Left Out: -28.709+/-0.000 χ^2/NDF : 11643223921335218391399892566574891008.0/9
 In: -567.864+/-0.000 χ^2/NDF : 1714309715176940
 Right Out: 1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Out: 600.132+/-0.000 χ^2/NDF : 1750498562433515
 Left In: 91.682+/-0.000 χ^2/NDF : 4125116408881259843751030315397677056.0/7
 All: 34.522+/-0.000 χ^2/NDF : 4406206260058

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



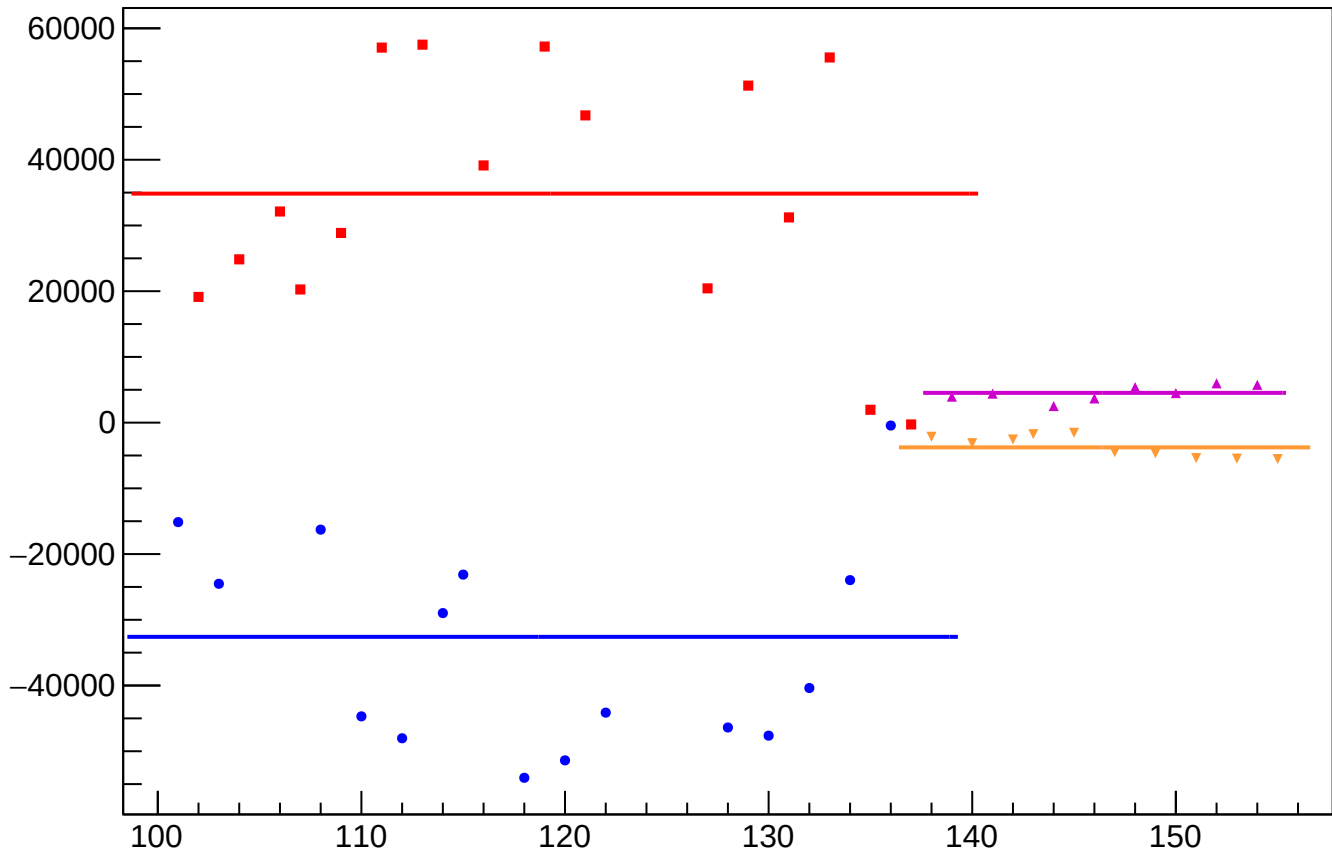
Right In: 202.191 $\pm$ 0.000 χ^2 /NDF: 7027941052752849066369040650615128064.0/14
 Left Out: 102.401 $\pm$ 0.000 χ^2 /NDF: 550453930105703879937304030848483328.0/9
 Right Out: -187.126 $\pm$ 0.000 χ^2 /NDF: 6230029491605524746936515809941389312.0/15
 Left In: -118.298 $\pm$ 0.000 χ^2 /NDF: 250552451341290168456116188638871552.0/7
 All: 0.913 $\pm$ 0.000 χ^2 /NDF: 81534796961412

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 19.568+/-0.000	χ^2/NDF : 20975351722162317
Left Out: 1151.745+/-0.000	χ^2/NDF : 42067705374934767749155565762701688832.0/9	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: -135.751+/-0.000	χ^2/NDF : 1743808435002872
Left In: -1225.991+/-0.000	χ^2/NDF : 14916675602968721754329681431453761536.0/7	Out: 169.317+/-0.000	χ^2/NDF : 1672855561263249
	All: 21.586+/-0.000	χ^2/NDF : 3480886065849	

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: -32594.962+/-0.000

χ^2/NDF : 209150369207000564489724529020922520141824.0/14

Left Out: -3765.009+/-0.000

χ^2/NDF : 1787766330968218151093774702471263813632.0/9

Right Out: 34848.046+/-0.000

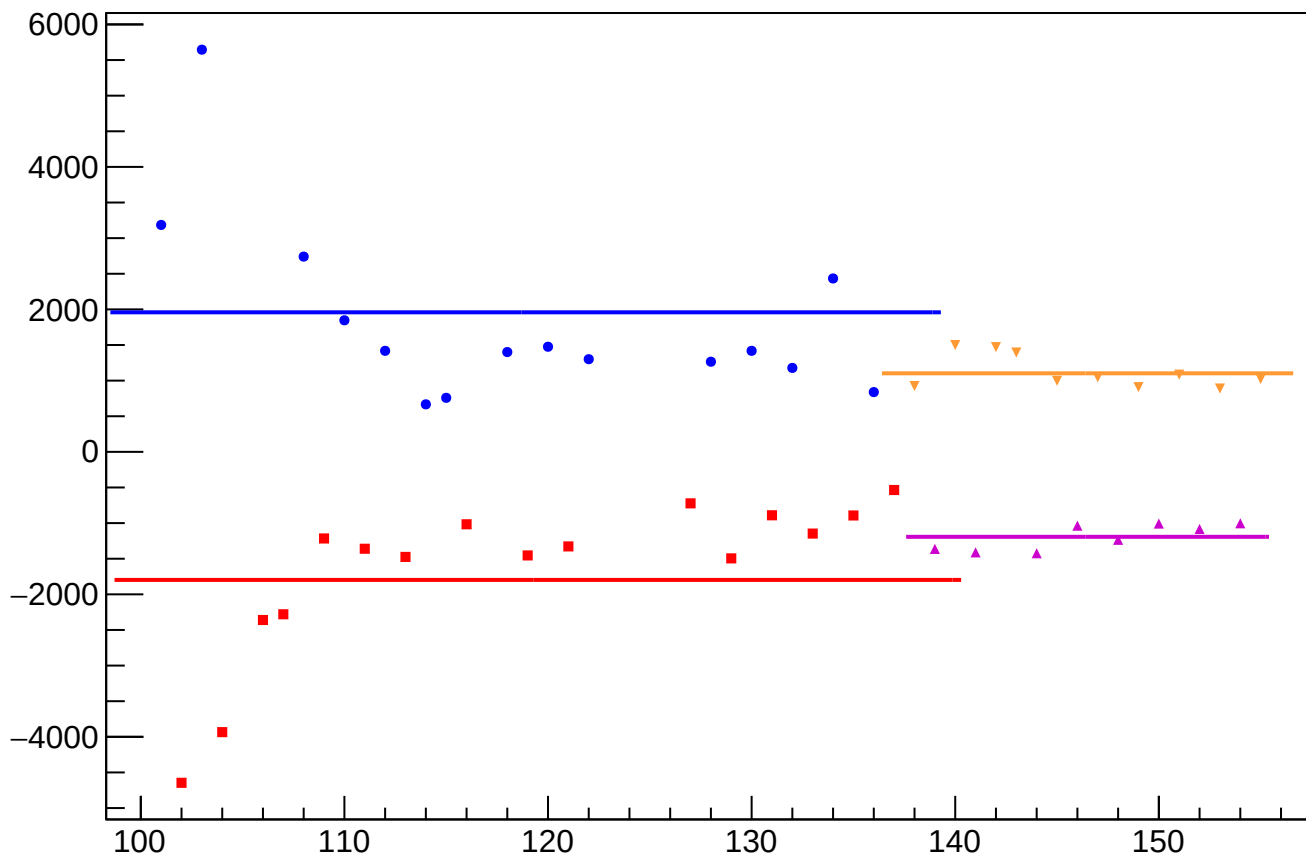
χ^2/NDF : 221127702024811719232559434097324967591936.0/15

Left In: 4530.774+/-0.000

χ^2/NDF : 827210194779501335013358944537160974336.0/7

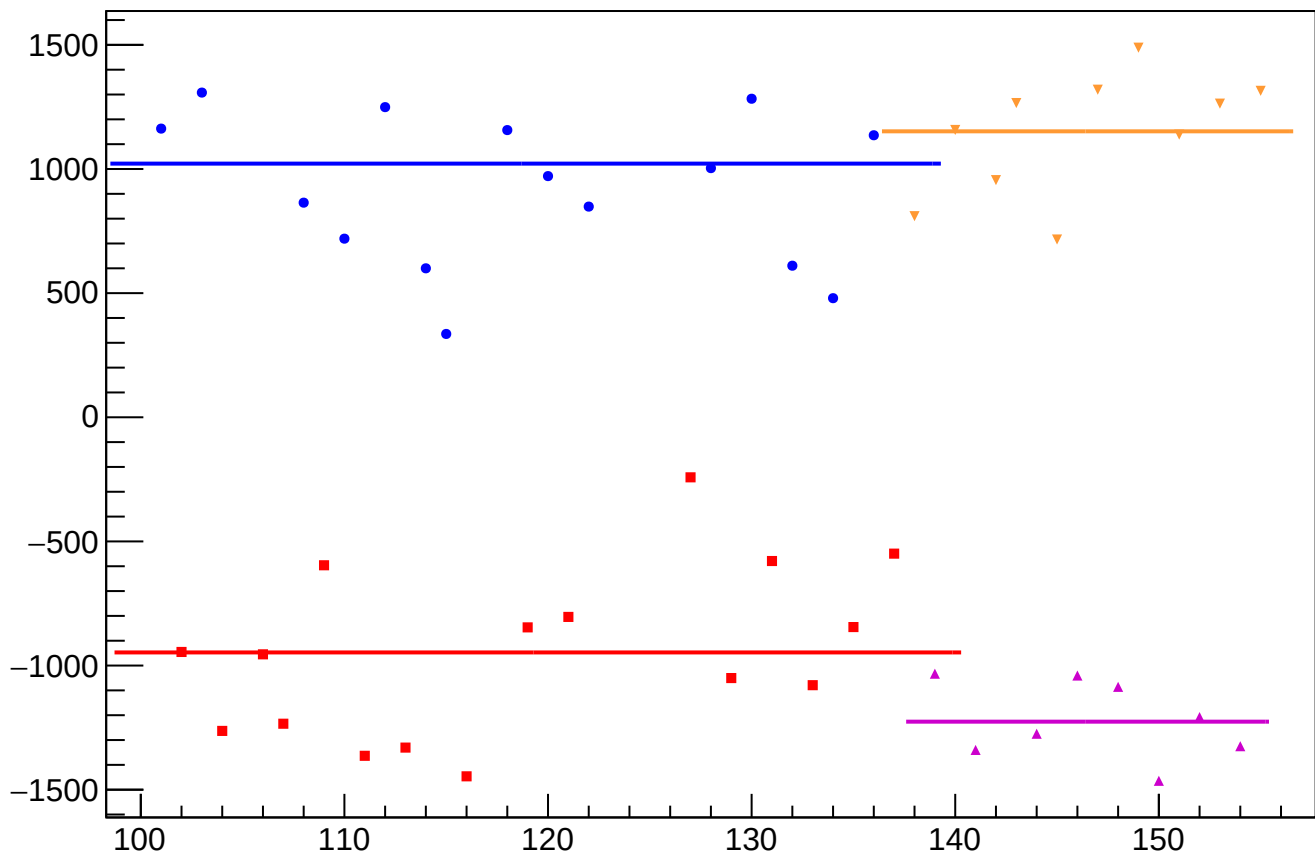
All: 853.182+/-0.000 χ^2/NDF : 195528413985

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1102.524+/-0.000 χ^2/NDF : 36056430977556320931178442891949244416.0/9
 Right Out: -1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: -1192.503+/-0.000 χ^2/NDF : 20700776689928959125569219421383163904.0/7
 All: 31.307+/-0.000 χ^2/NDF : 8744721302010

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1151.745+/-0.000

Right Out: -947.145+/-0.000

Left In: -1225.991+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 42067705374934767749155565762701688832.0/9

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 14916675602968721754329681431453761536.0/7

Left: 19.568+/-0.000 χ^2/NDF : 20975351722162317

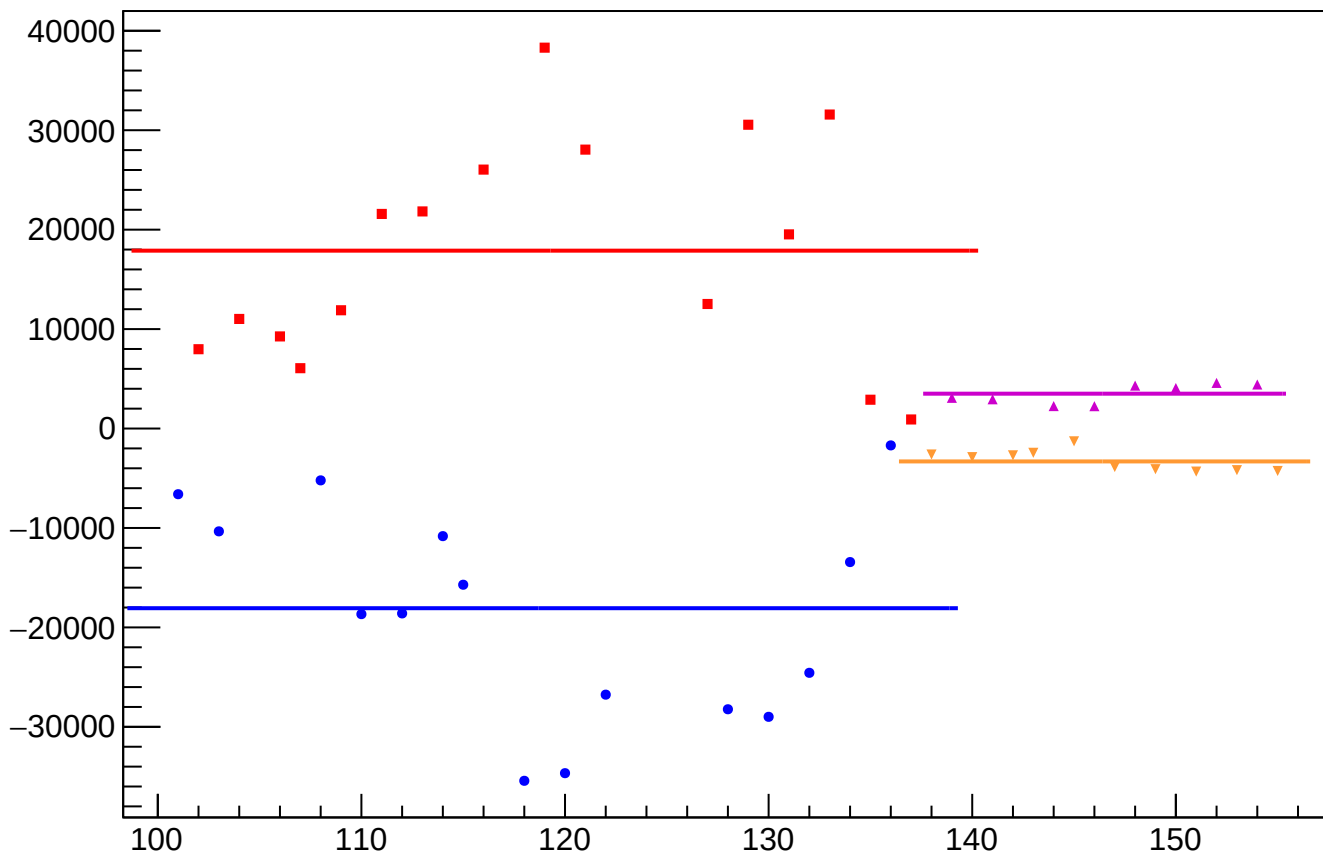
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -135.751+/-0.000 χ^2/NDF : 1743808435002872

Out: 169.317+/-0.000 χ^2/NDF : 1672855561263249

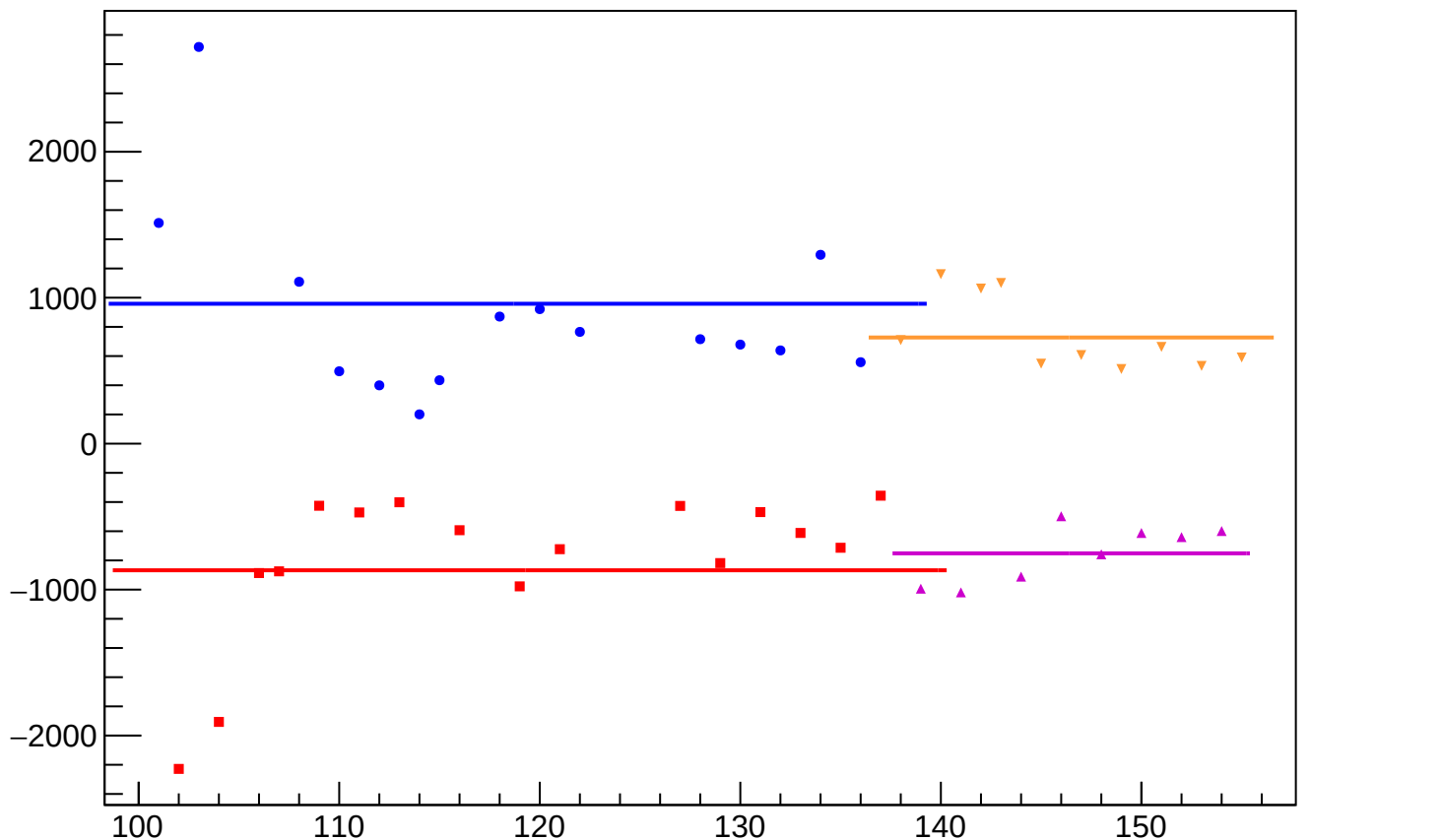
All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_sam3_coil7_mean vs Slug, Sign Corrected



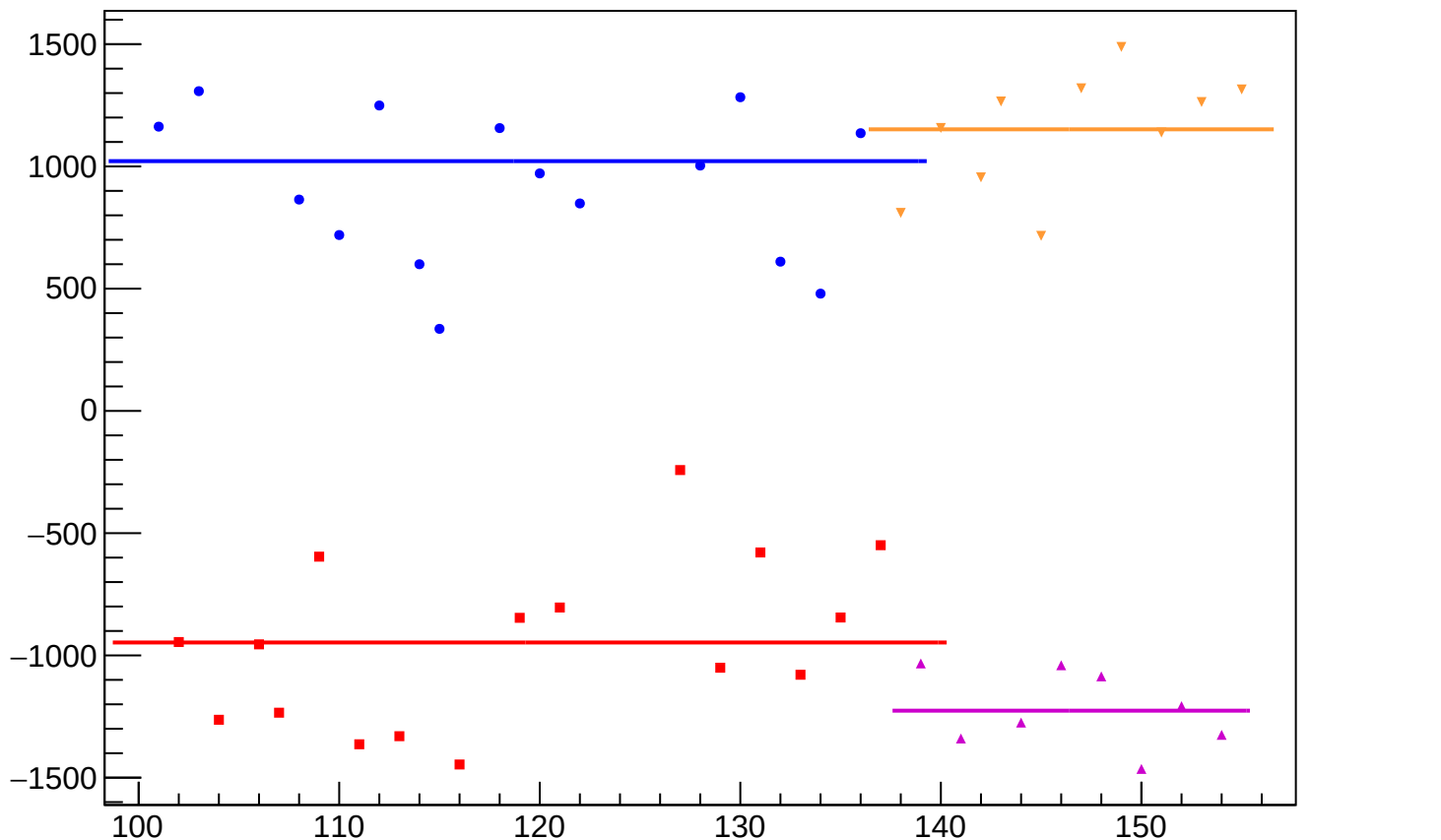
Left: -64.368 ± 0.000 $\chi^2/\text{NDF}: 1807286502846343$
 Right In: -18068.550 ± 0.000 $\chi^2/\text{NDF}: 84312156443533553417760933497753760169984.0/14$
 Left Out: -3308.300 ± 0.000 $\chi^2/\text{NDF}: 747701288797264804313490105808470409216.0/9$
 Right Out: 17888.149 ± 0.000 $\chi^2/\text{NDF}: 78405915612914252869875231068795393015808.0/15$
 In: -6959.595 ± 0.000 $\chi^2/\text{NDF}: 240420451541847$
 Out: 6613.125 ± 0.000 $\chi^2/\text{NDF}: 238560250186537$
 Left In: 3504.428 ± 0.000 $\chi^2/\text{NDF}: 573344976597219841140615708998132301824.0/7$
 All: 40.451 ± 0.000 $\chi^2/\text{NDF}: 6061036362523$

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 958.411 +/- 0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14
 Left Out: 727.293 +/- 0.000 χ^2/NDF : 42661712873763452262697563022862319616.0/9
 Right Out: -867.538 +/- 0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15
 Left In: -751.446 +/- 0.000 χ^2/NDF : 23381739081553303290283875395015016448.0/7
 All: 27.833 +/- 0.000 χ^2/NDF : 2432909844056

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1151.745+/-0.000

χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: -947.145+/-0.000

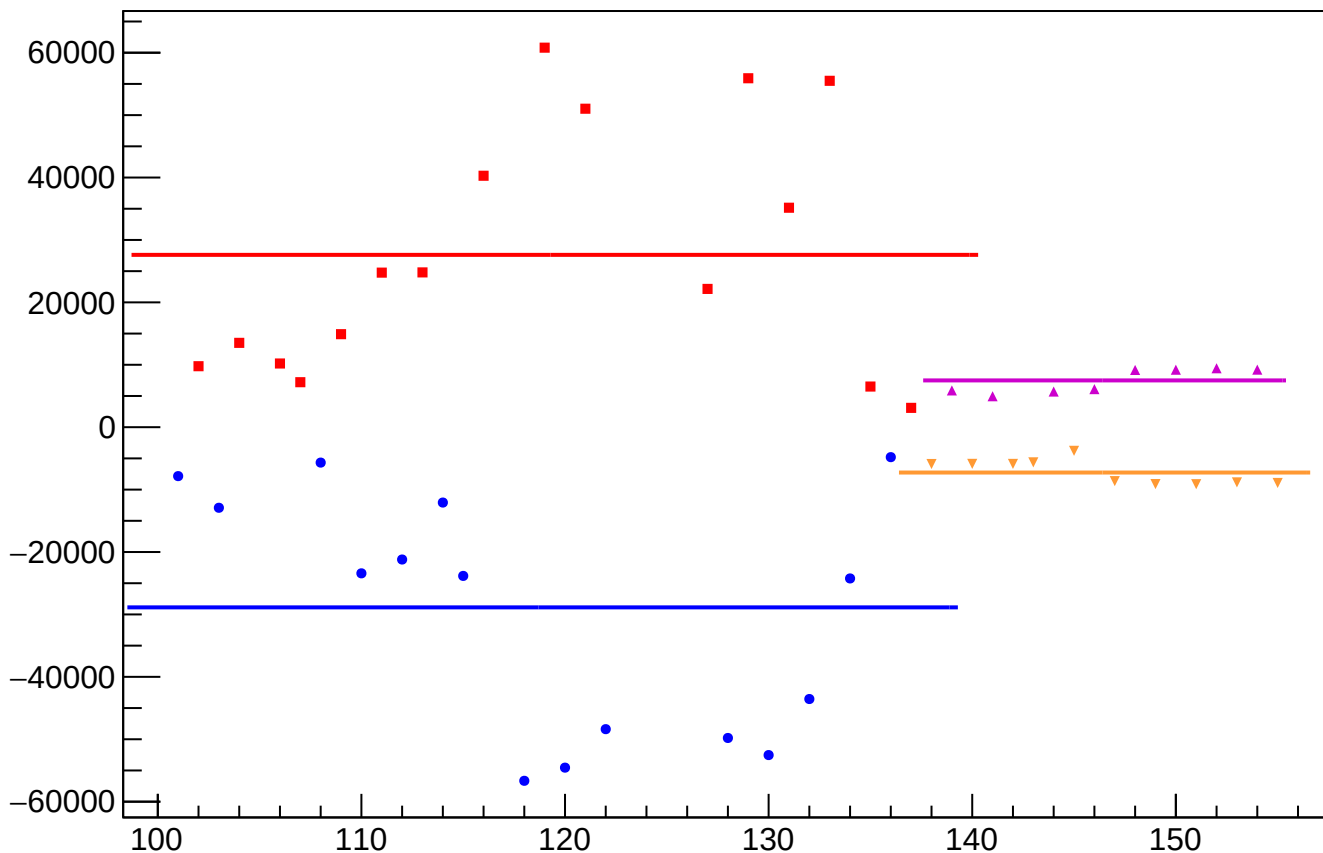
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1225.991+/-0.000

χ^2/NDF : 14916675602968721754329681431453761536.0/7

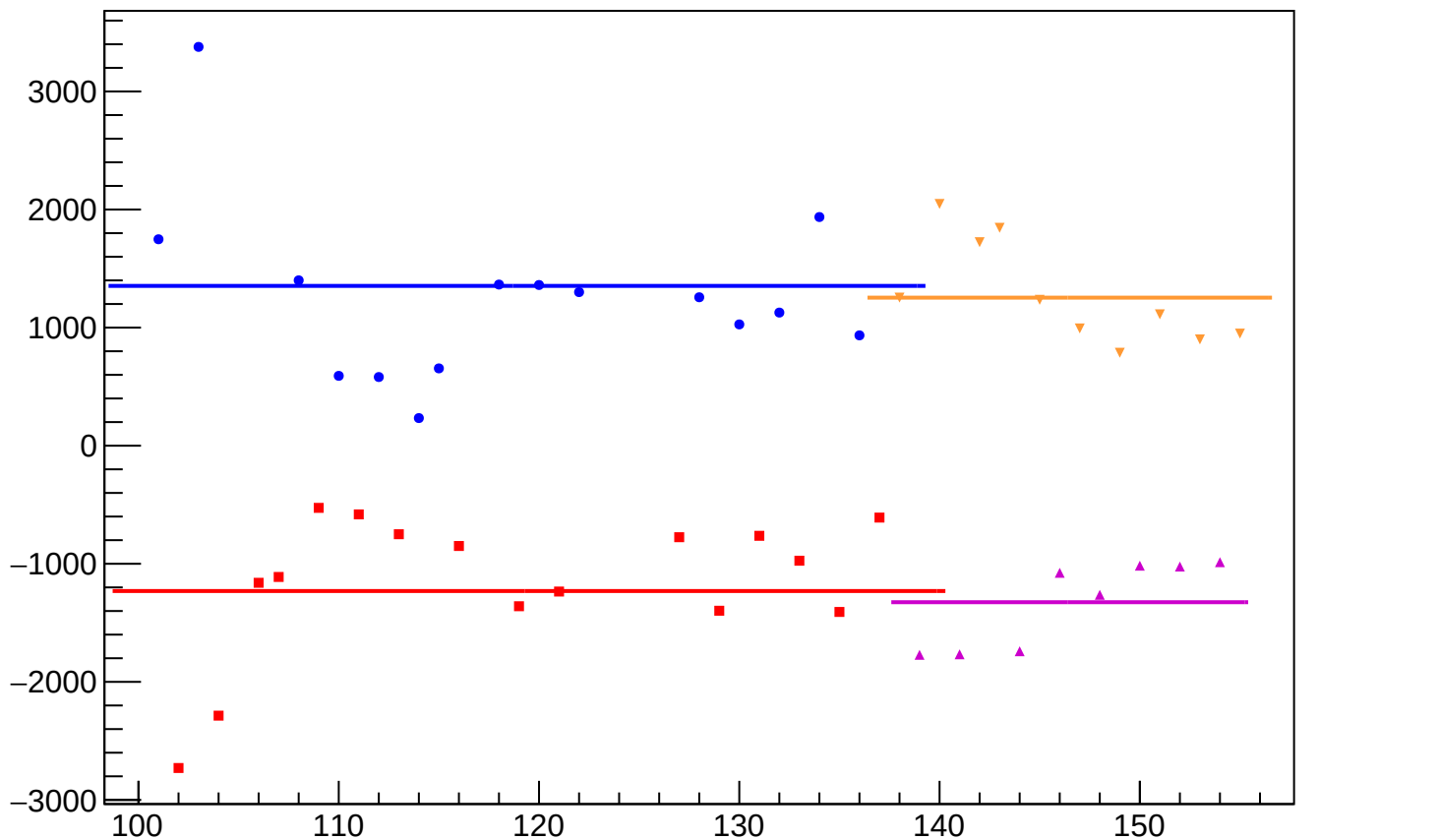
All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_sam4_coil7_mean vs Slug, Sign Corrected



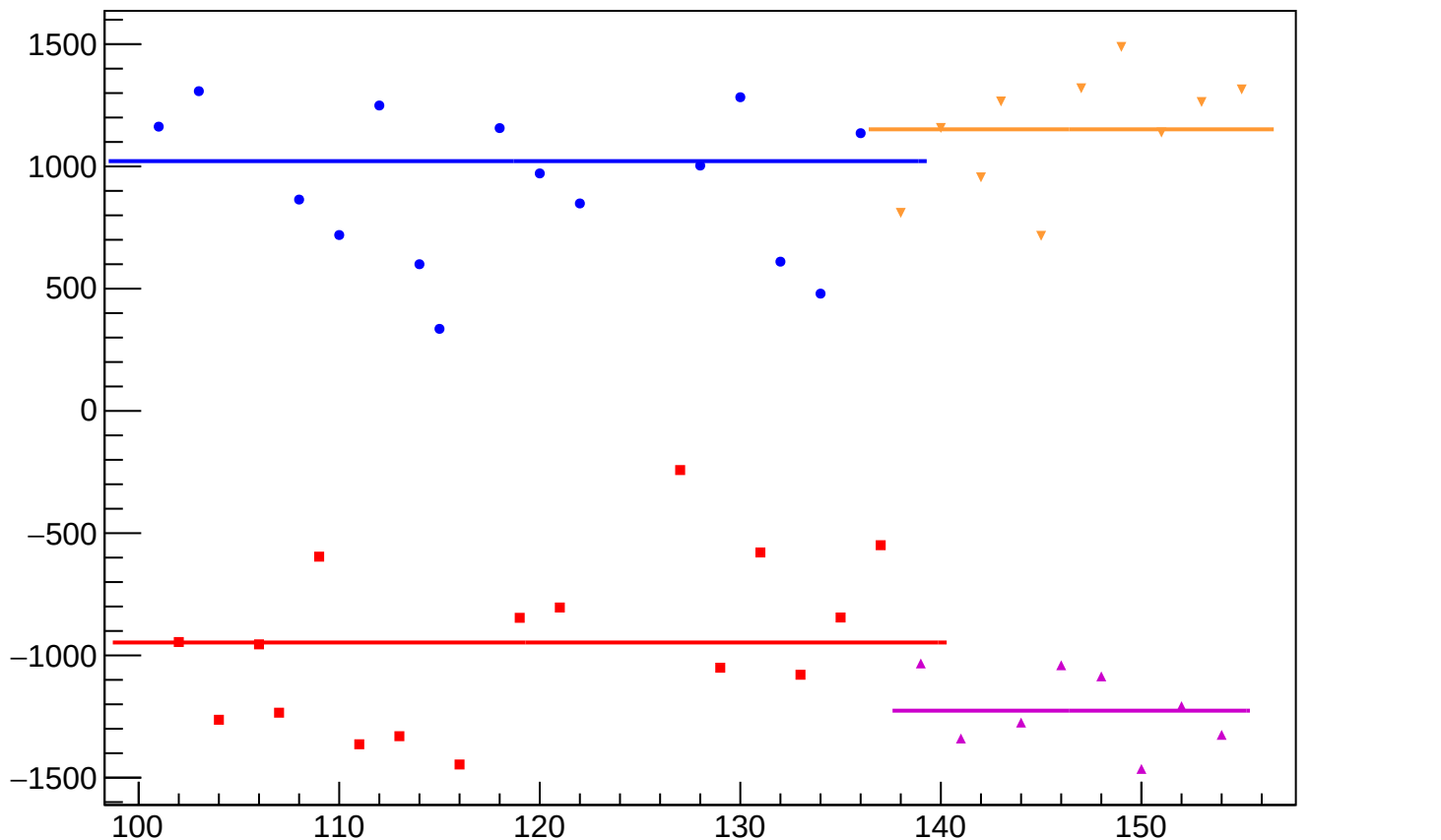
Left: -236.599 +/- 0.000 χ^2/NDF : 836109747411932
 Right In: -28868.624 +/- 0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Right: -242.630 +/- 0.000 χ^2/NDF : 15588395560755
 Left Out: -7264.348 +/- 0.000 χ^2/NDF : 2688594841988151731322288290897246289920.0/9
 In: -10143.288 +/- 0.000 χ^2/NDF : 70566693357977
 Right Out: 27610.848 +/- 0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Out: 9059.691 +/- 0.000 χ^2/NDF : 682319065411252
 Left In: 7494.946 +/- 0.000 χ^2/NDF : 2299116014800446285212605946997908701184.0/7
 All: -239.471 +/- 0.000 χ^2/NDF : 16424505558

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



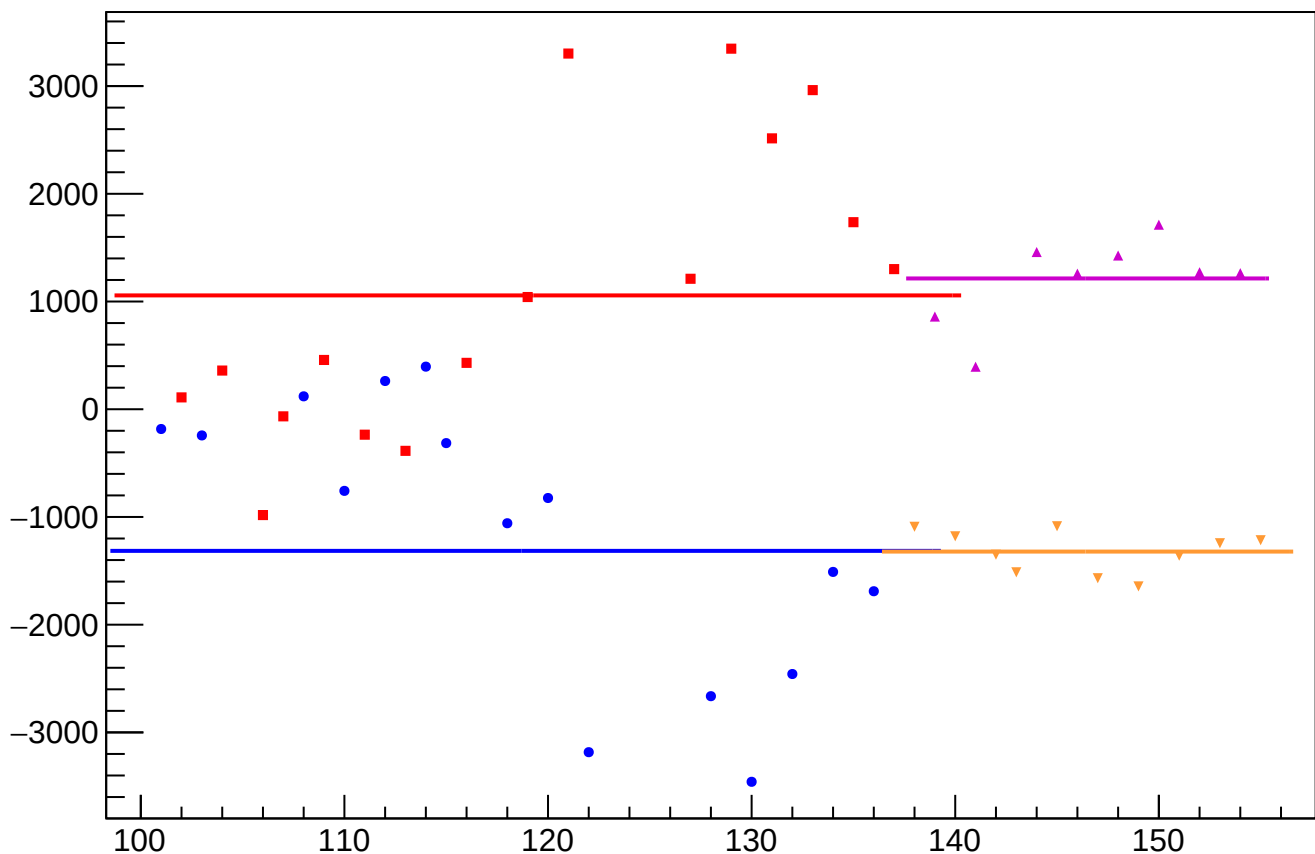
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14
 Left Out: 1253.923+/-0.000 χ^2/NDF : 128428486588873205087284562209636614144.0/9
 Right Out: -1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15
 Left In: -1325.396+/-0.000 χ^2/NDF : 80311909933657404795903817339369422848.0/7
 All: 34.314+/-0.000 χ^2/NDF : 5436466578310

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 19.568+/-0.000	χ^2/NDF : 20975351722162317
Left Out: 1151.745+/-0.000	χ^2/NDF : 42067705374934767749155565762701688832.0/9	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: -135.751+/-0.000	χ^2/NDF : 1743808435002872
Left In: -1225.991+/-0.000	χ^2/NDF : 14916675602968721754329681431453761536.0/7	Out: 169.317+/-0.000	χ^2/NDF : 1672855561263249
	All: 21.586+/-0.000	χ^2/NDF : 3480886065849	

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: -1314.782+/-0.000

Left Out: -1321.356+/-0.000

Right Out: 1056.765+/-0.000

Left In: 1214.115+/-0.000

χ^2/NDF : 966082368518203481544021644405645508608.0/14

χ^2/NDF : 27839300901419760642845335073450885120.0/9

χ^2/NDF : 1127141594187417021949832477353286041600.0/15

χ^2/NDF : 99695782858420765320503814100462075904.0/7

Left: -114.072+/-0.000 χ^2/NDF : 244779812746282

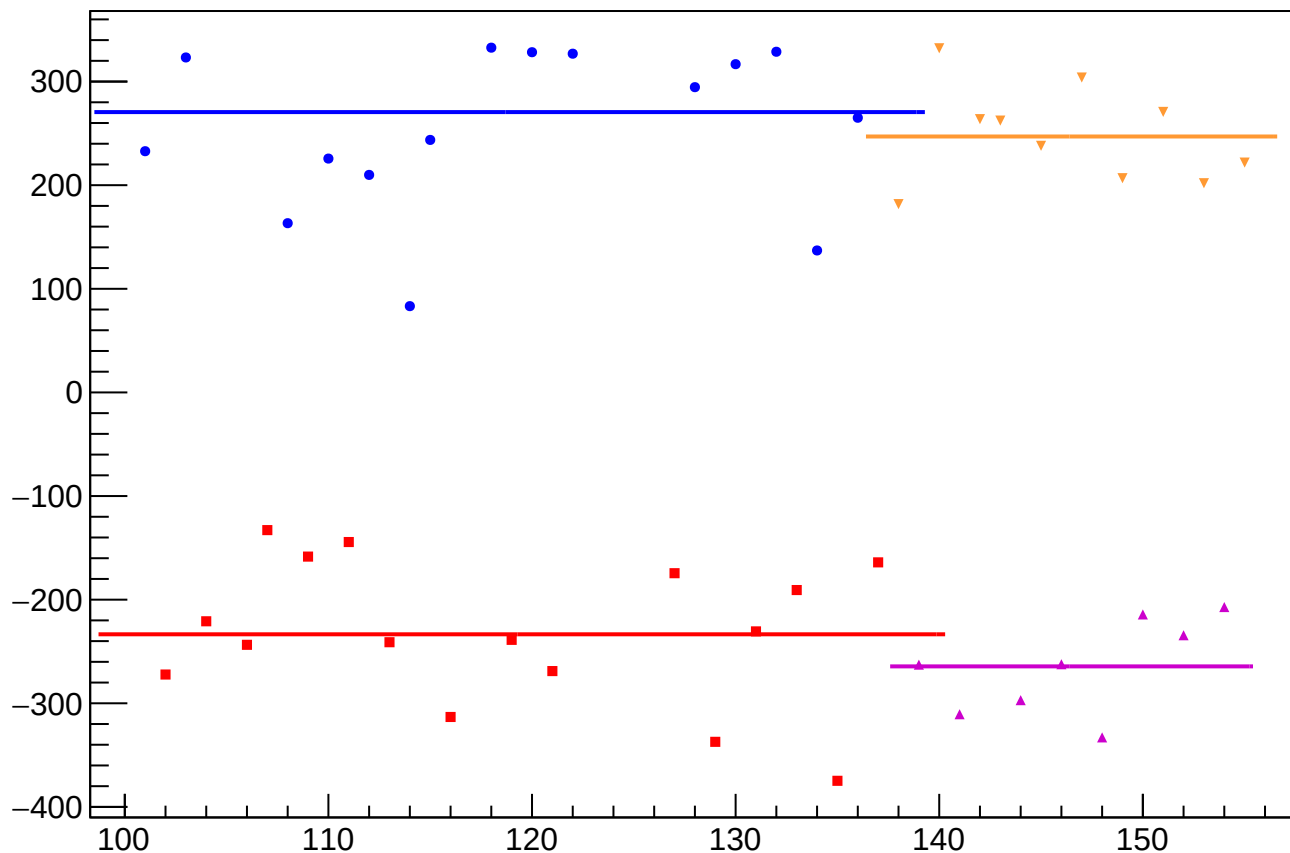
Right: -112.789+/-0.000 χ^2/NDF : 39432514405702

In: -12.532+/-0.000 χ^2/NDF : 32031011802434434

Out: -208.228+/-0.000 χ^2/NDF : 316152212203312

All: -113.461+/-0.000 χ^2/NDF : 63910507016

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 270.538+/-0.000

χ^2/NDF : 2473839905347950323907848405170257920.0/14

Left Out: 246.988+/-0.000

χ^2/NDF : 1617346754330002079580063346190188544.0/9

Right Out: -233.421+/-0.000

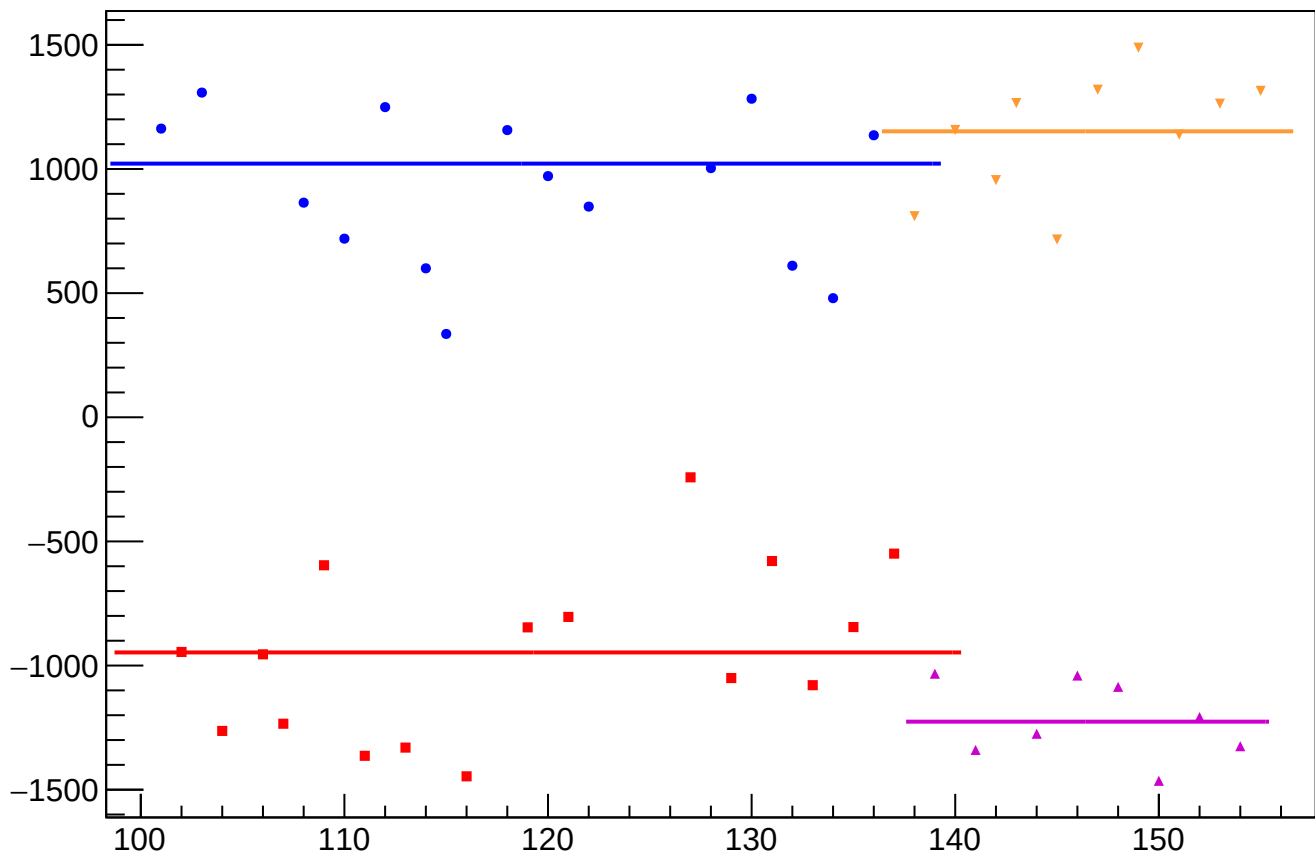
χ^2/NDF : 3048529087317888615064010247743995904.0/15

Left In: -264.385+/-0.000

χ^2/NDF : 1269907879083861947773136167417937920.0/7

All: 9.028+/-0.000 χ^2/NDF : 18642818039558

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1151.745+/-0.000

Right Out: -947.145+/-0.000

Left In: -1225.991+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 42067705374934767749155565762701688832.0/9

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 14916675602968721754329681431453761536.0/7

Left: 19.568+/-0.000 χ^2/NDF : 20975351722162317

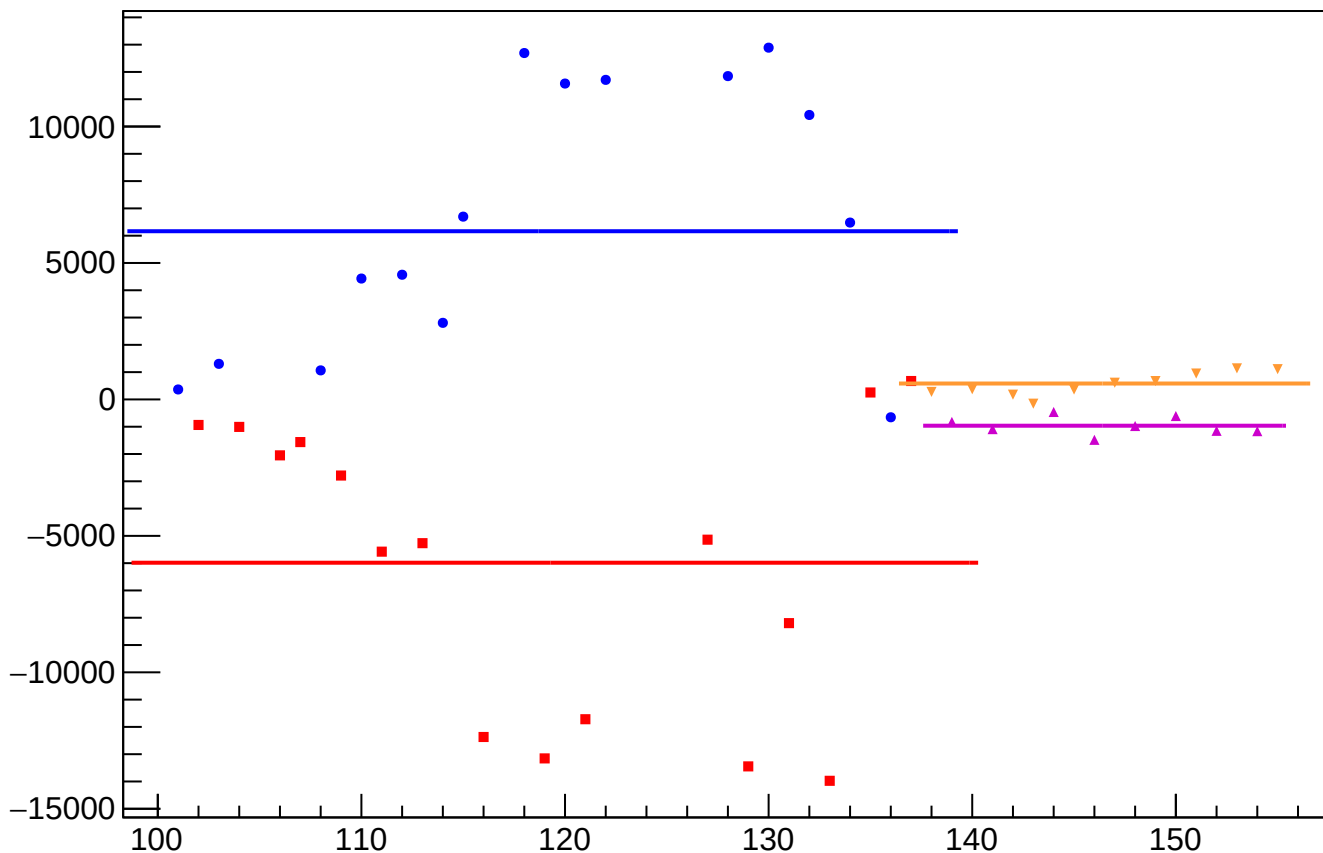
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -135.751+/-0.000 χ^2/NDF : 1743808435002872

Out: 169.317+/-0.000 χ^2/NDF : 1672855561263249

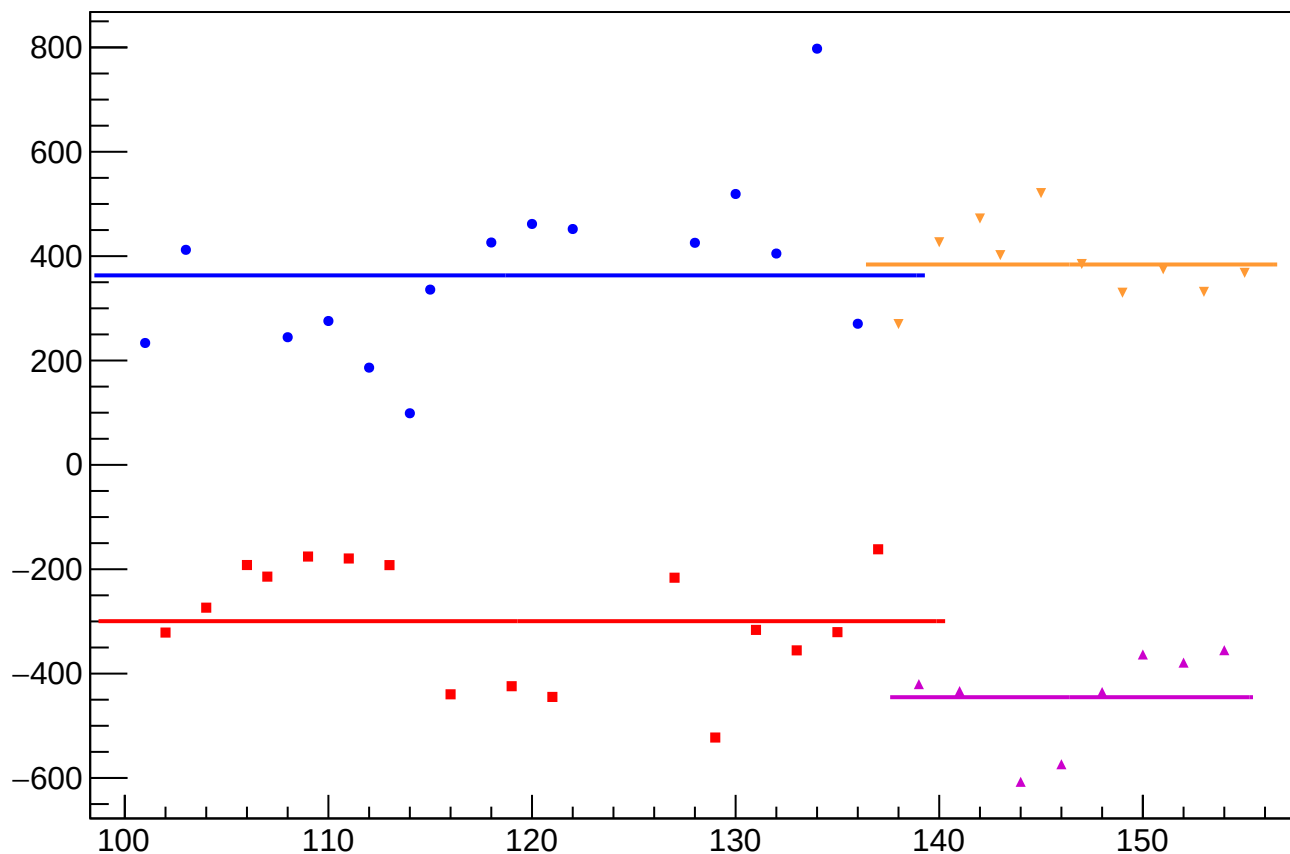
All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_sam6_coil7_mean vs Slug, Sign Corrected



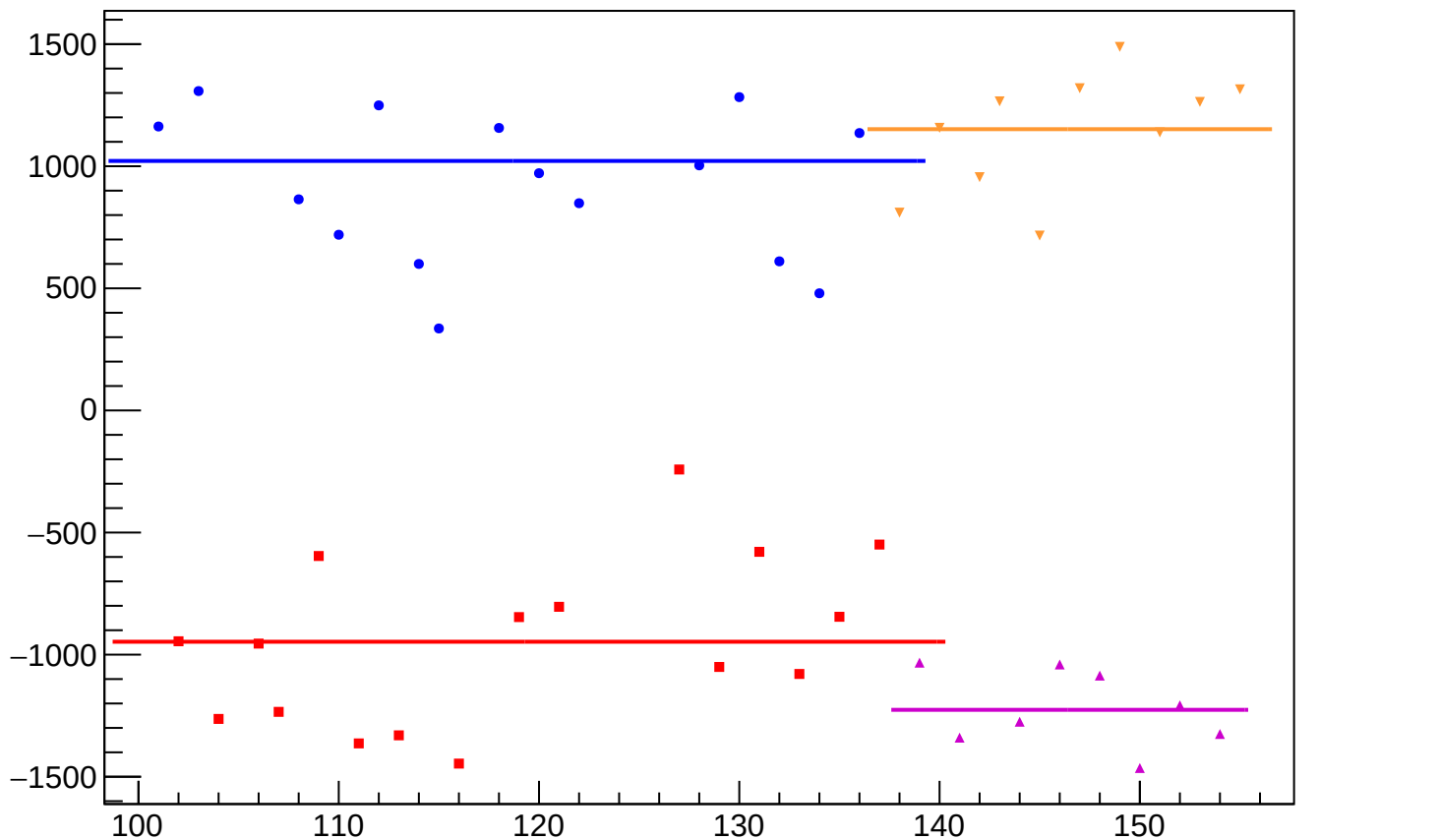
Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 582.858+/-0.000 χ^2/NDF : 118624346997451994434390771874842804224.0/9
 Right Out: -5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: -963.346+/-0.000 χ^2/NDF : 65738725996837697612114994173493379072.0/7
 All: -77.129+/-0.000 χ^2/NDF : 853080437348

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



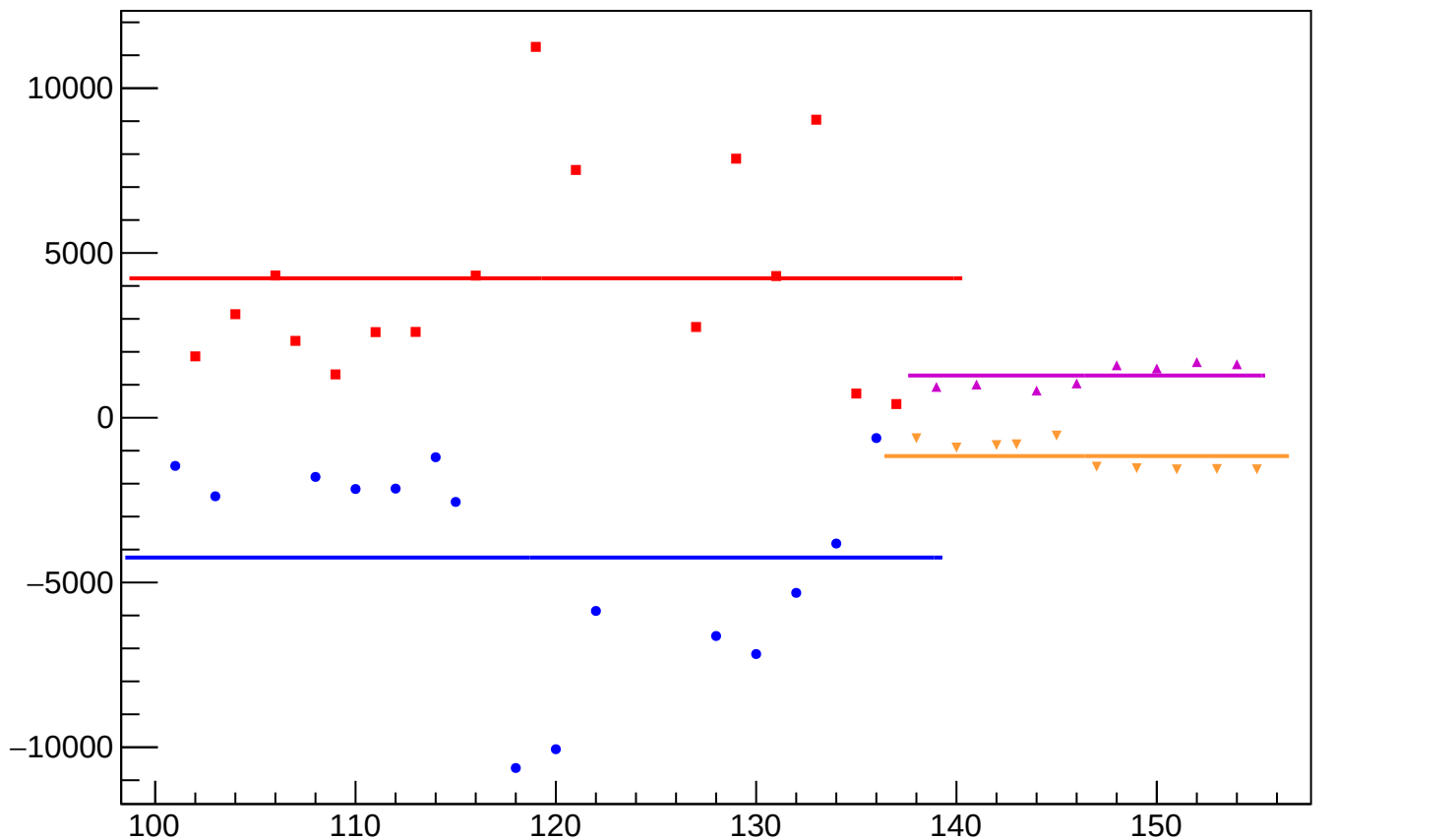
Right In: 363.133 $\pm$ 0.000 χ^2 /NDF: 11502791697076456426435998277995331584.0/14
 Left Out: 384.020 $\pm$ 0.000 χ^2 /NDF: 3566834288338568996744093732712742912.0/9
 Right Out: -299.514 $\pm$ 0.000 χ^2 /NDF: 7685497318744225218354652828984672256.0/15
 Left In: -445.204 $\pm$ 0.000 χ^2 /NDF: 5494328242983171072395981994640539648.0/7
 All: 7.325 $\pm$ 0.000 χ^2 /NDF: 42186572206583

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745 $\pm$ 0.000 χ^2 /NDF: 42067705374934767749155565762701688832.0/9
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1225.991 $\pm$ 0.000 χ^2 /NDF: 14916675602968721754329681431453761536.0/7
 All: 21.586 $\pm$ 0.000 χ^2 /NDF: 3480886065849

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4242.174+/-0.000

Left Out: -1163.324+/-0.000

Right Out: 4230.978+/-0.000

Left In: 1281.544+/-0.000

χ^2/NDF : 6783472272174151371145601081742110752768.0/14

χ^2/NDF : 131156662141507825369566342144969408512.0/9

χ^2/NDF : 6682409528103016752204343573740930465792.0/15

χ^2/NDF : 76370304178320758699722815448872386560.0/7

Left: 0.819+/-0.000 χ^2/NDF : 23649267112492193

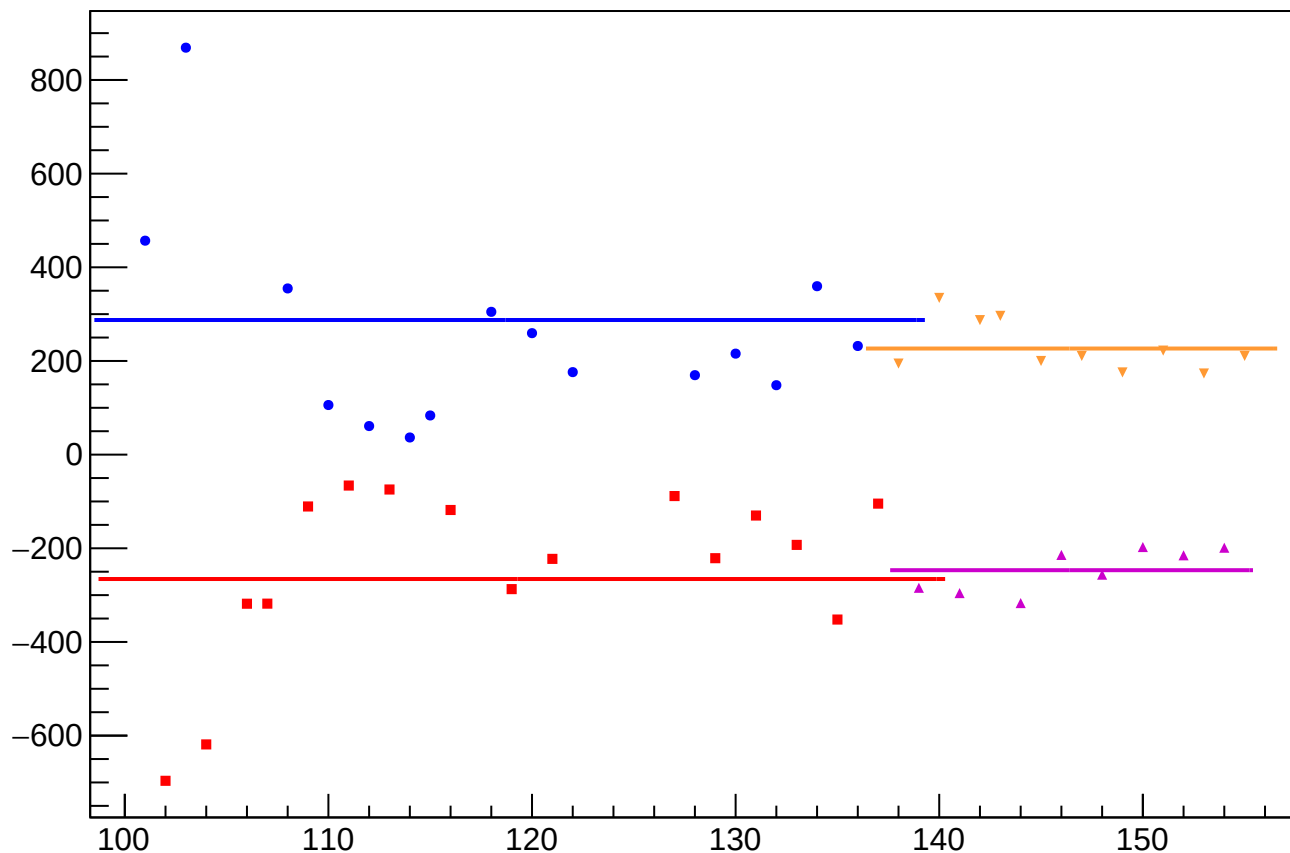
Right: 52.349+/-0.000 χ^2/NDF : 3708179263230228

In: -1397.748+/-0.000 χ^2/NDF : 170568063077013

Out: 1361.588+/-0.000 χ^2/NDF : 171376297121116

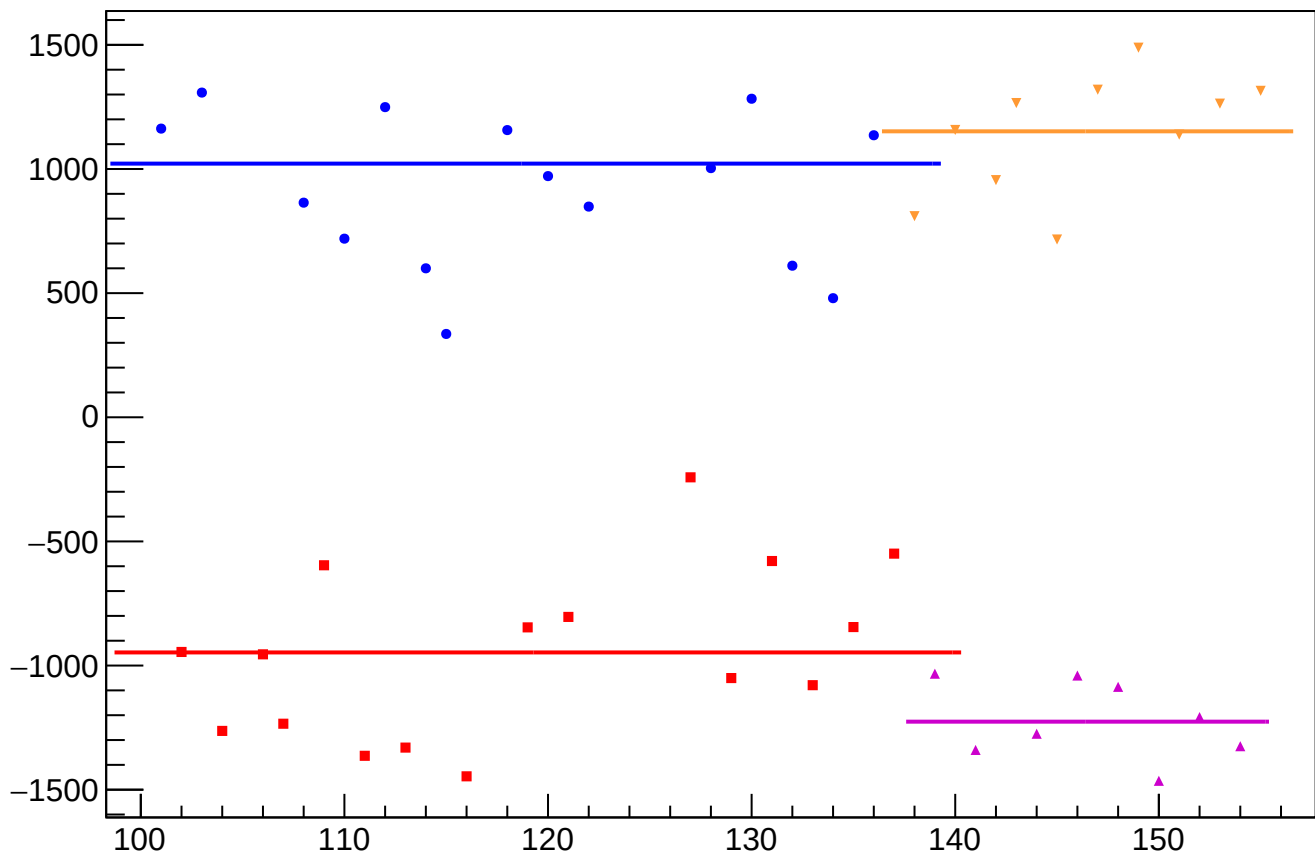
All: 25.362+/-0.000 χ^2/NDF : 3944854942505

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14
 Left Out: 226.571+/-0.000 χ^2/NDF : 2092832044979624743391039145549758464.0/9
 Right Out: -265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15
 Left In: -246.754+/-0.000 χ^2/NDF : 1367529739833936735254543803407663104.0/7
 All: 4.031+/-0.000 χ^2/NDF : 24031735775806

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1151.745+/-0.000

Right Out: -947.145+/-0.000

Left In: -1225.991+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 42067705374934767749155565762701688832.0/9

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 14916675602968721754329681431453761536.0/7

Left: 19.568+/-0.000 χ^2/NDF : 20975351722162317

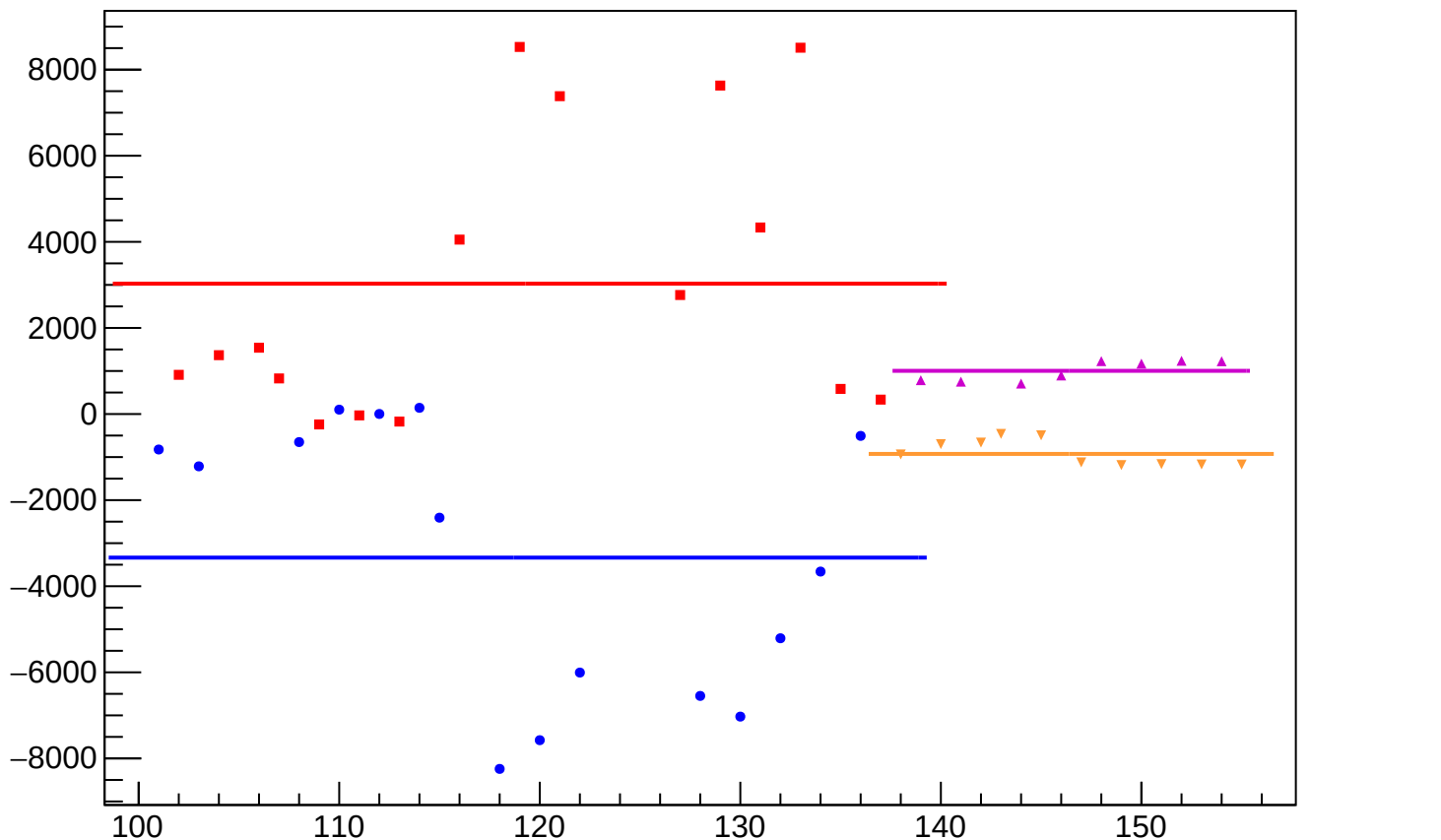
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -135.751+/-0.000 χ^2/NDF : 1743808435002872

Out: 169.317+/-0.000 χ^2/NDF : 1672855561263249

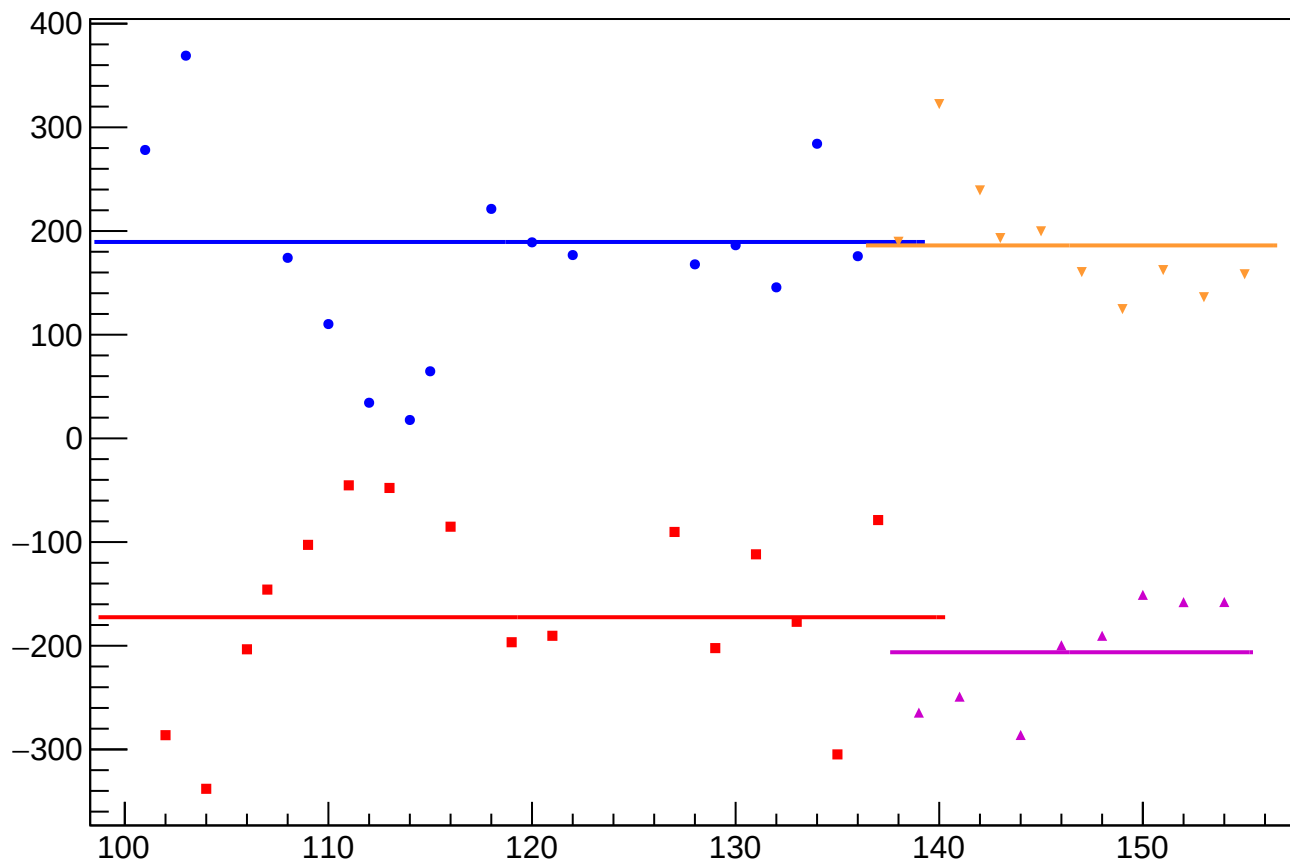
All: 21.586+/-0.000 χ^2/NDF : 3480886065849

dit_sam8_coil7_mean vs Slug, Sign Corrected



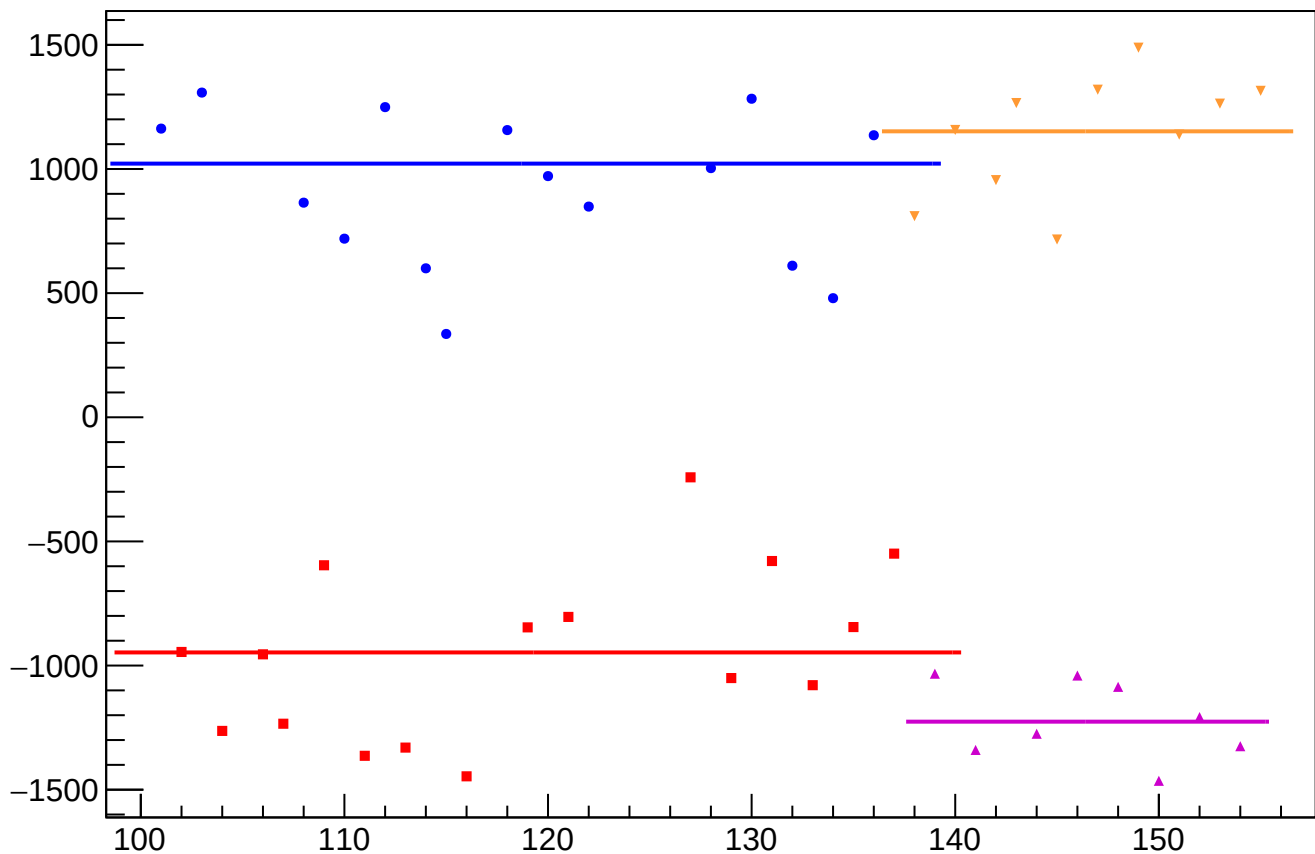
Left: -7.368 ± 0.000 $\chi^2/\text{NDF}: 14386593558090815$
 Right In: -3335.273 ± 0.000 $\chi^2/\text{NDF}: 6338087251589637529030075517152423575552.0/14$
 Left Out: -926.490 ± 0.000 $\chi^2/\text{NDF}: 59944963109448085678571919736968314880.0/9$
 Right Out: 3027.603 ± 0.000 $\chi^2/\text{NDF}: 7086157086694396583090903767581326311424.0/15$
 Left In: 1003.799 ± 0.000 $\chi^2/\text{NDF}: 33892099323504415761876572464297803776.0/7$
 All: -56.403 ± 0.000 $\chi^2/\text{NDF}: 281876716968$

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



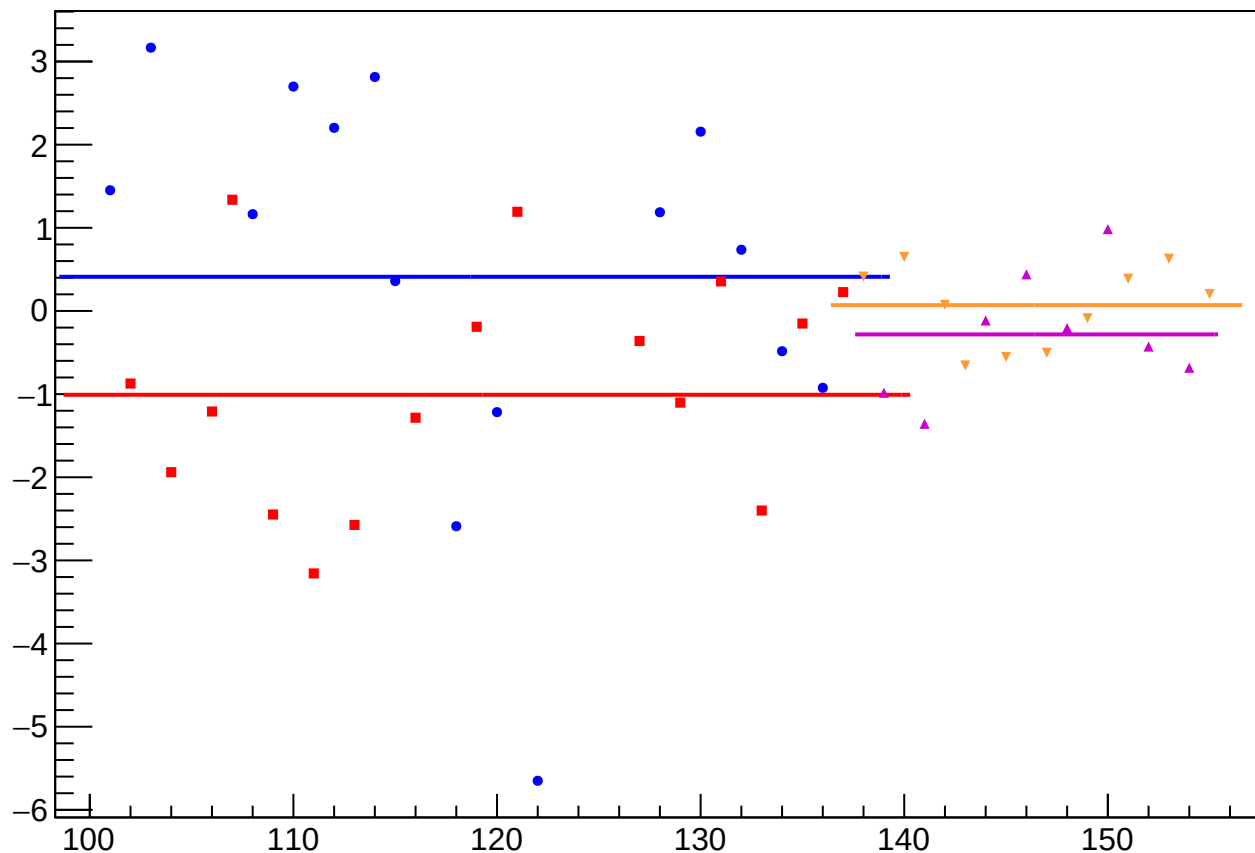
Right In: 189.442 +/- 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 186.108 +/- 0.000 χ^2/NDF : 2358783453032165014597917257651716096.0/9
 Right Out: -172.485 +/- 0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15
 Left In: -206.269 +/- 0.000 χ^2/NDF : 1713244451129827013884458631549681664.0/7
 All: 2.479 +/- 0.000 χ^2/NDF : 11306133288170

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



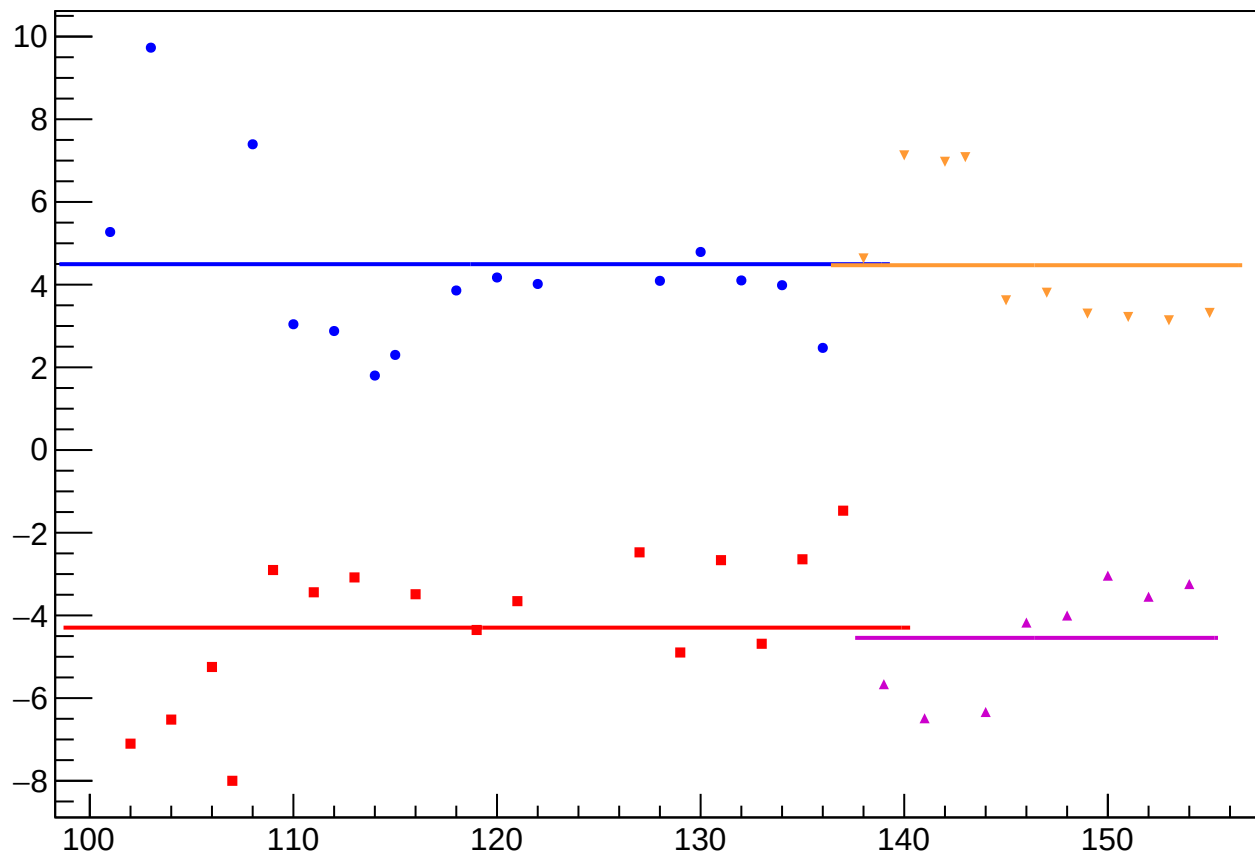
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 19.568+/-0.000	χ^2/NDF : 20975351722162317
Left Out: 1151.745+/-0.000	χ^2/NDF : 42067705374934767749155565762701688832.0/9	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: -135.751+/-0.000	χ^2/NDF : 1743808435002872
Left In: -1225.991+/-0.000	χ^2/NDF : 14916675602968721754329681431453761536.0/7	Out: 169.317+/-0.000	χ^2/NDF : 1672855561263249
	All: 21.586+/-0.000		χ^2/NDF : 3480886065849

dit_4aX_coil4_mean vs Slug, Sign Corrected



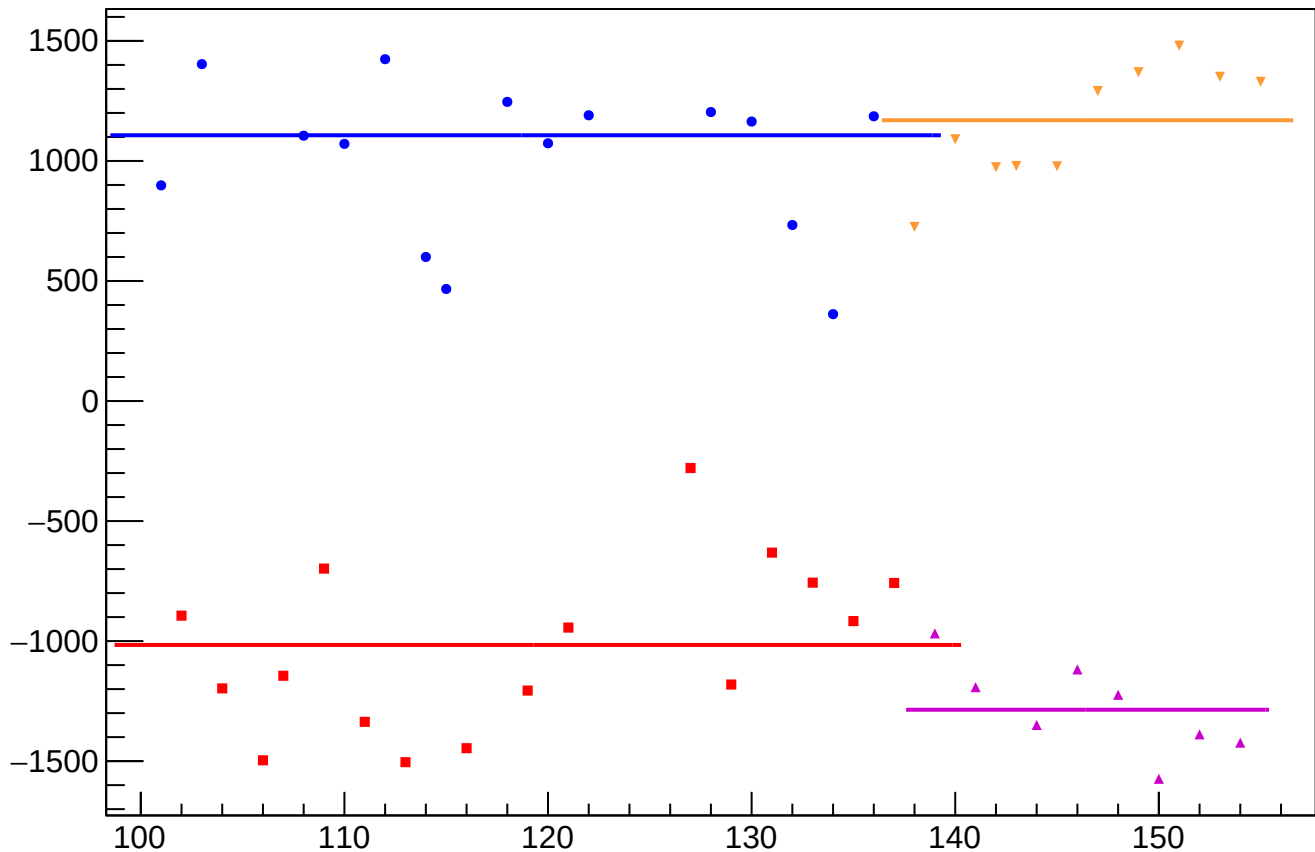
Right In: 0.411 ± 0.000 $\chi^2/\text{NDF}: 3385573506255563170053089820409856.0/14$
 Left In: -0.282 ± 0.000 $\chi^2/\text{NDF}: 346618257383564375950487378198528.0/7$
 Right Out: 0.070 ± 0.000 $\chi^2/\text{NDF}: 166786689974121244586141414326272.0/9$
 Left Out: -1.008 ± 0.000 $\chi^2/\text{NDF}: 1128402228144096394498047410700288.0/15$
 All: -0.198 ± 0.000 $\chi^2/\text{NDF}: 5764953934032$

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



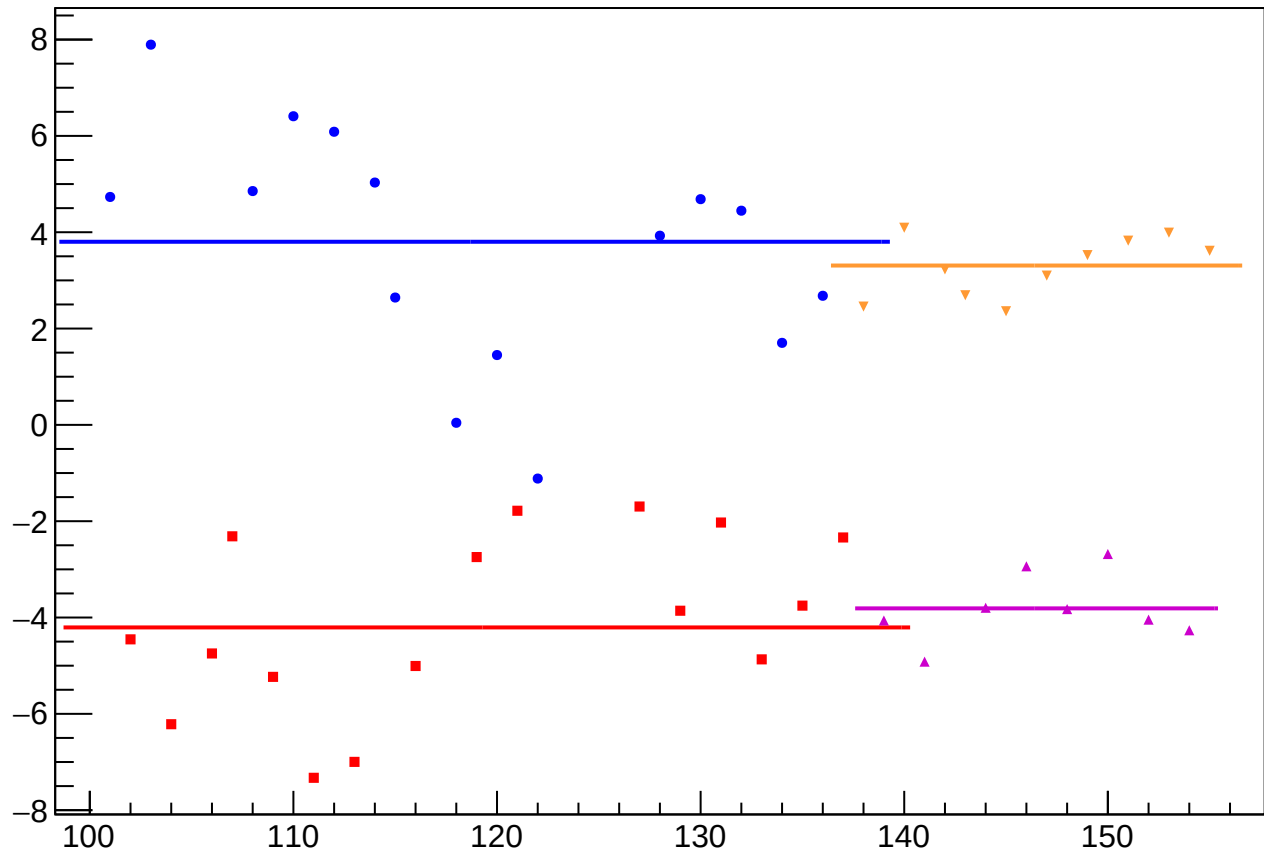
Right In: 4.495+/-0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.470+/-0.000 χ^2/NDF : 1912244248140272761437199689318400.0/9
 Right Out: -4.296+/-0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: -4.543+/-0.000 χ^2/NDF : 1187866189433418561969582929608704.0/7
 All: 0.112+/-0.000 χ^2/NDF : 62605551615856

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



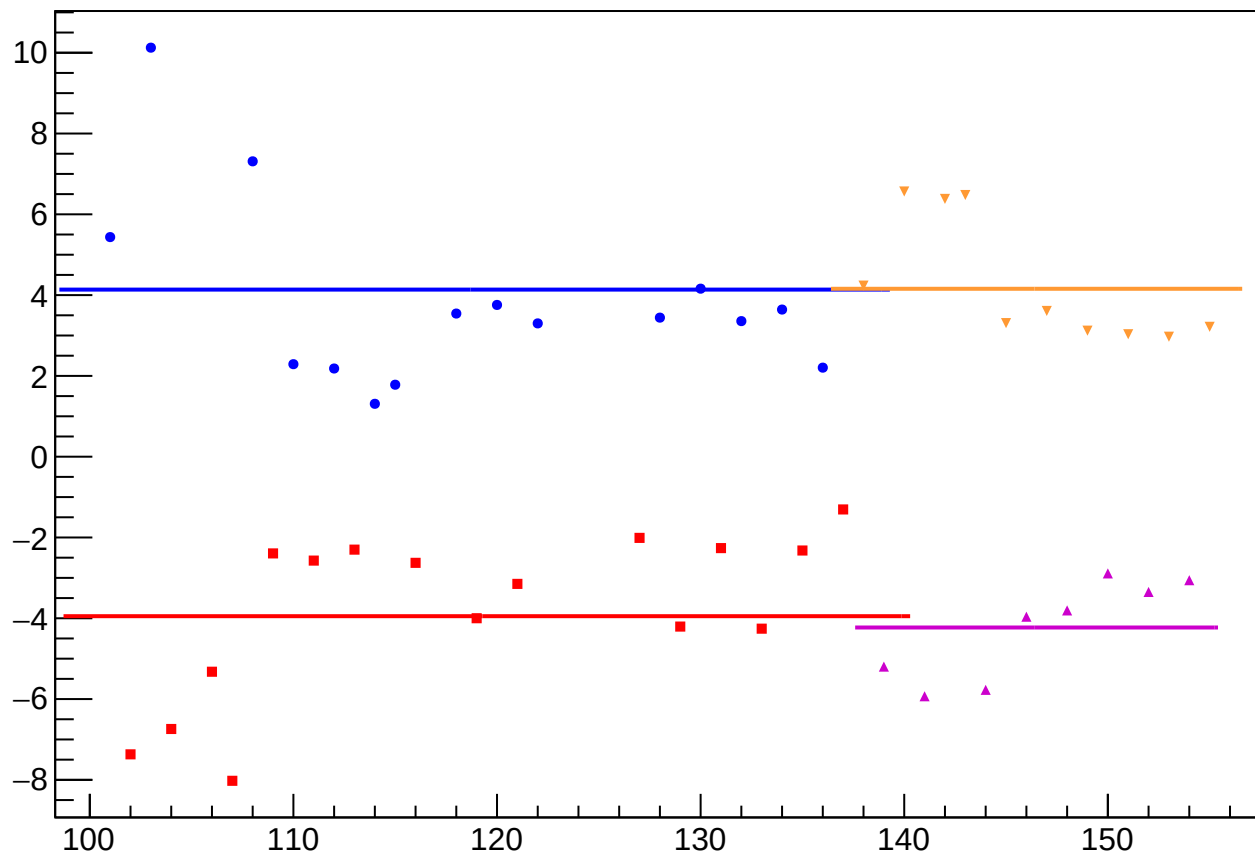
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2 /NDF: 3834969500058

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 3.802 ± 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 3.308 ± 0.000 χ^2/NDF : 280970450477190720932490875240448.0/9
 Right Out: -4.206 ± 0.000 χ^2/NDF : 209642781334145457333226518347760.0/15
 Left In: -3.810 ± 0.000 χ^2/NDF : 311593890516235665265513587539968.0/7
 All: -0.165 ± 0.000 χ^2/NDF : 4588823107659

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 4.136+/-0.000

χ^2/NDF : 3507600624388663919898505496231936.0/14

Left Out: 4.157+/-0.000

χ^2/NDF : 1525148860712159194607139822764032.0/9

Right Out: -3.948+/-0.000

χ^2/NDF : 2670176783942302028345551100051456.0/15

Left In: -4.228+/-0.000

χ^2/NDF : 907722795533699792448624865050624.0/7

Left: 0.164+/-0.000 χ^2/NDF : 278100023183683592

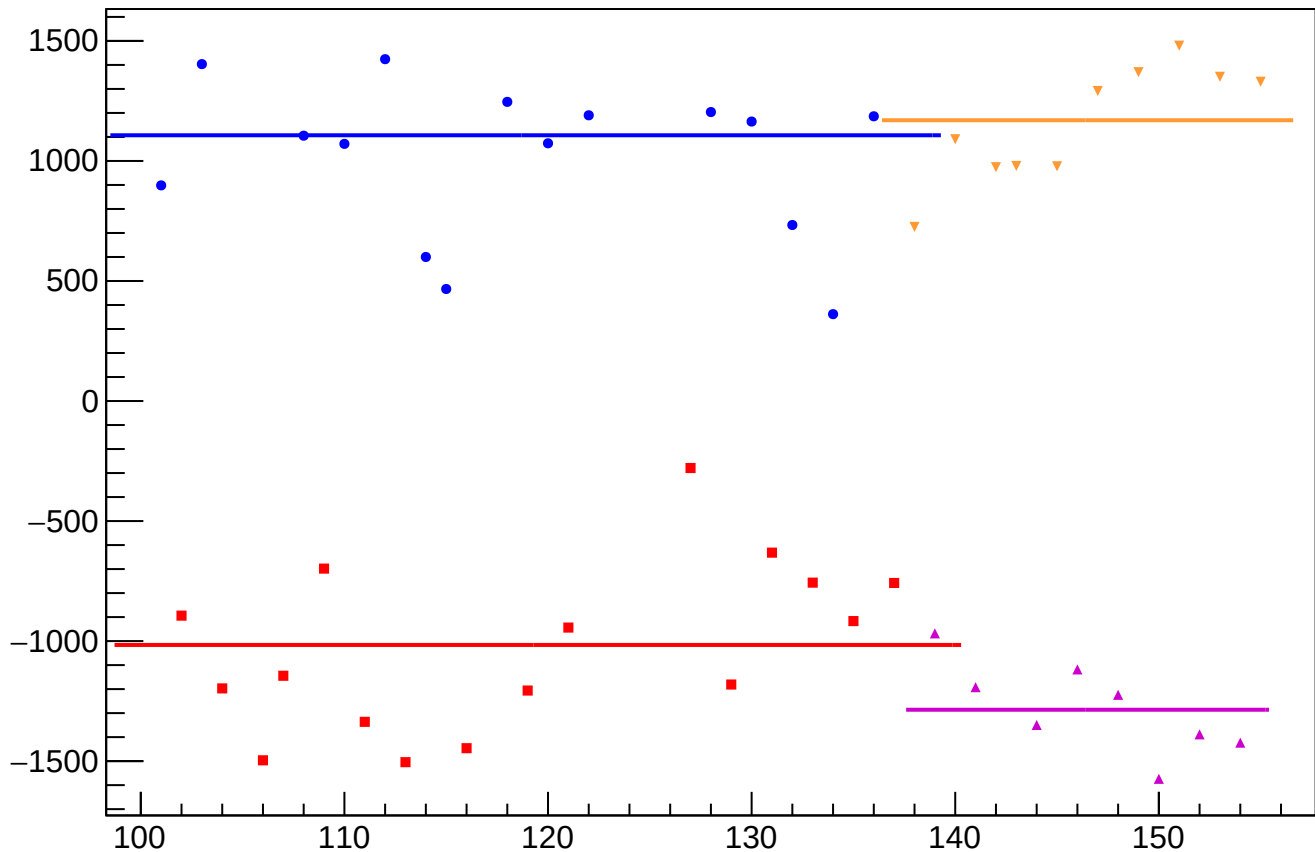
Right: 0.039+/-0.000 χ^2/NDF : 27678490251430251

In: -0.171+/-0.000 χ^2/NDF : 277998540273405139

Out: 0.363+/-0.000 χ^2/NDF : 275026749493673301

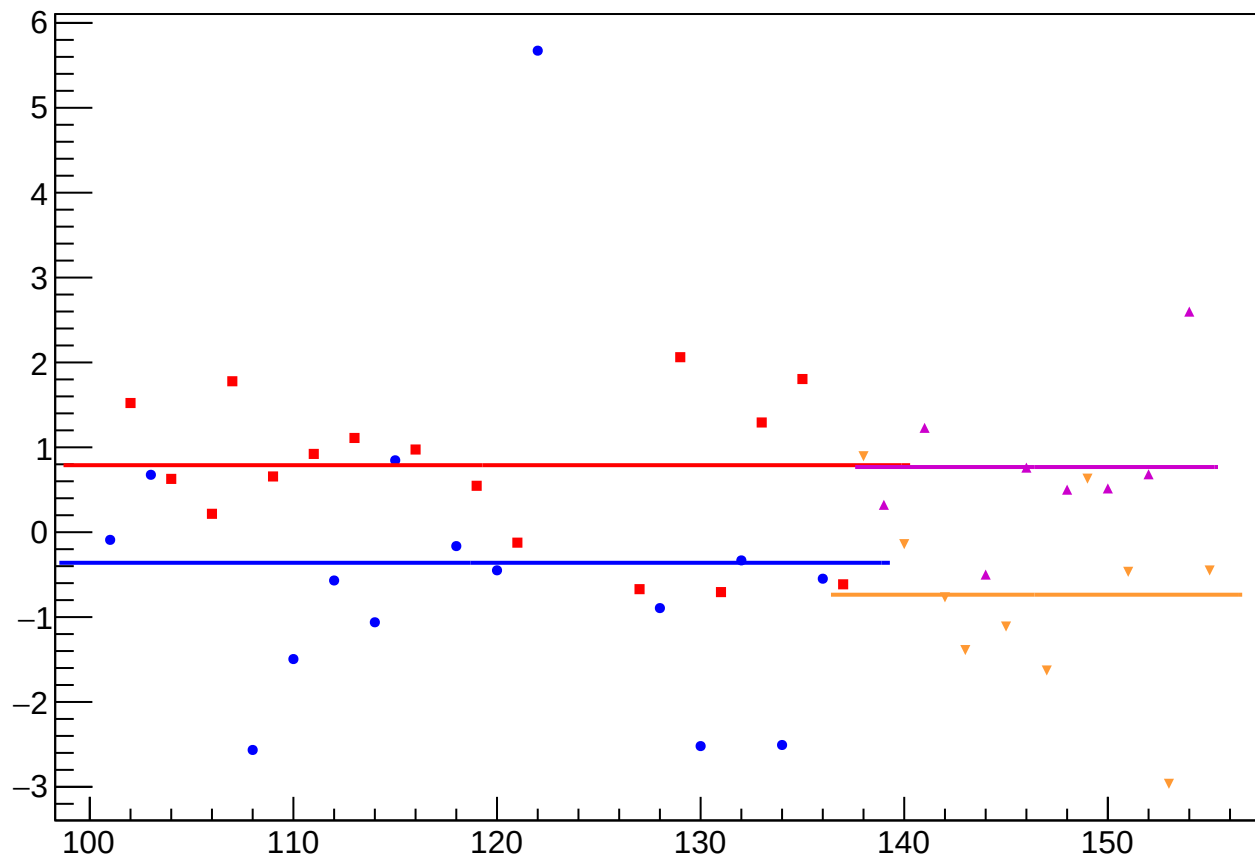
All: 0.104+/-0.000 χ^2/NDF : 55499312689660

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



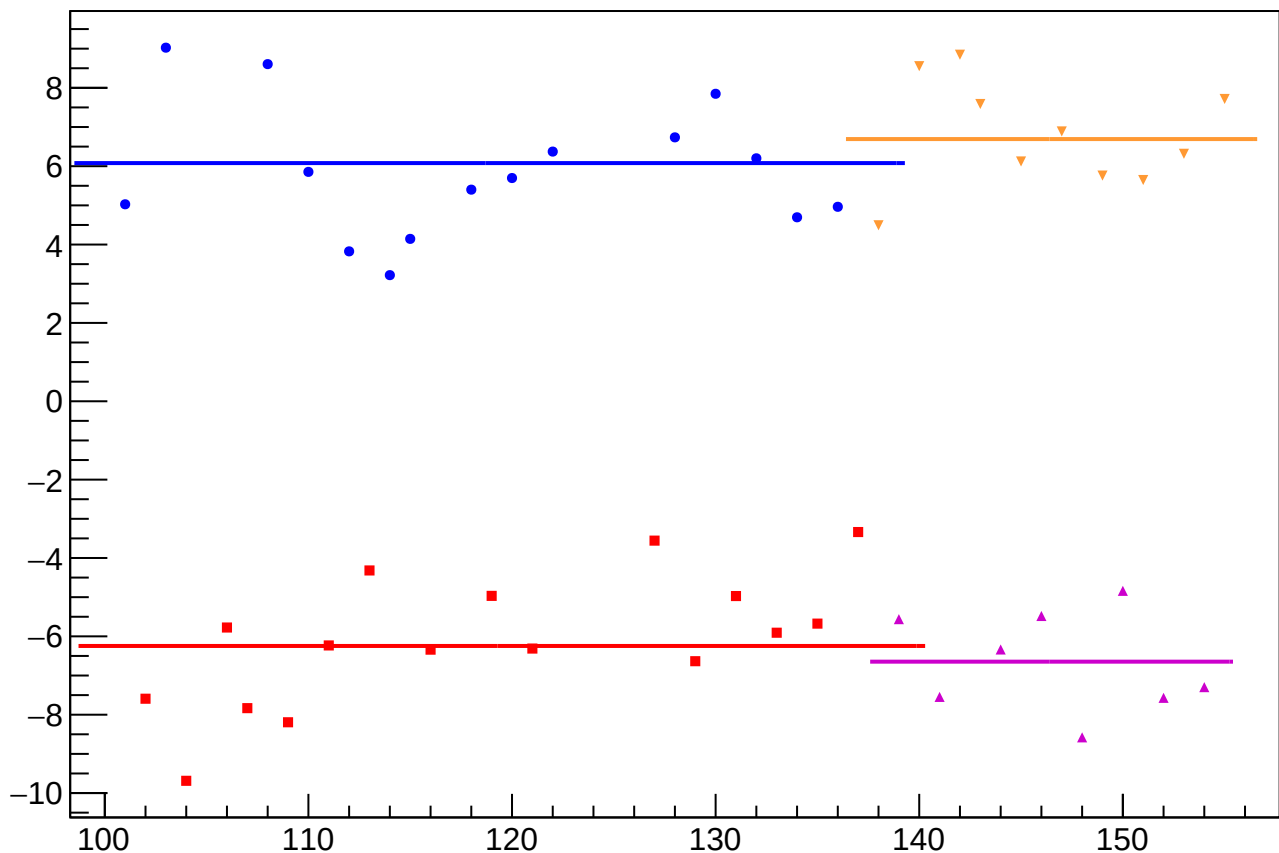
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2 /NDF: 3834969500058

dit_11X12X_coil4_mean vs Slug, Sign Corrected



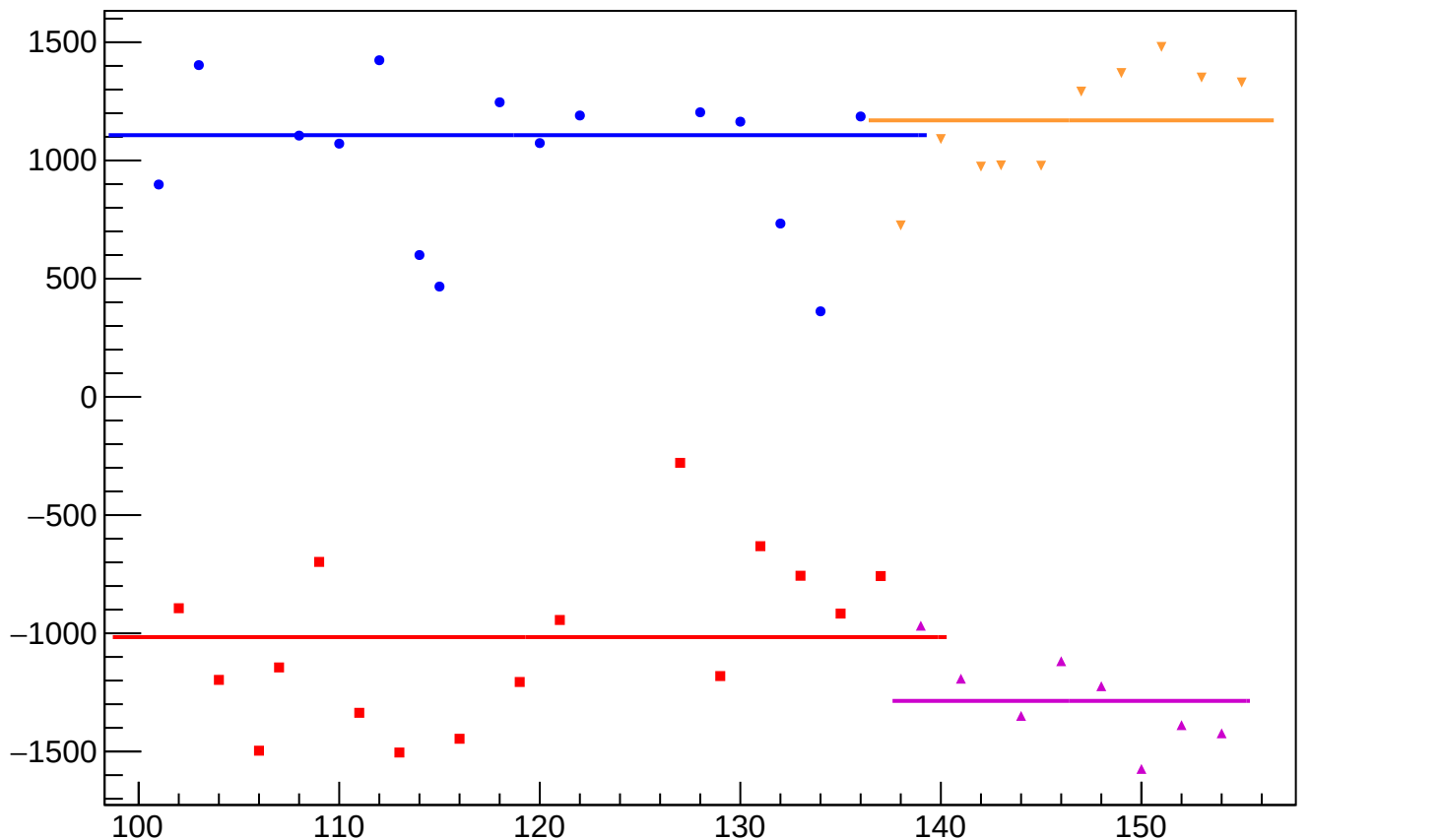
Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: -0.736 ± 0.000 χ^2/NDF : 929775947745588534235139890216960.0/9
 Right Out: 0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15
 Left In: 0.768 ± 0.000 χ^2/NDF : 487866371216169074135025779212288.0/7
 All: 0.096 ± 0.000 χ^2/NDF : 53531339124373

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



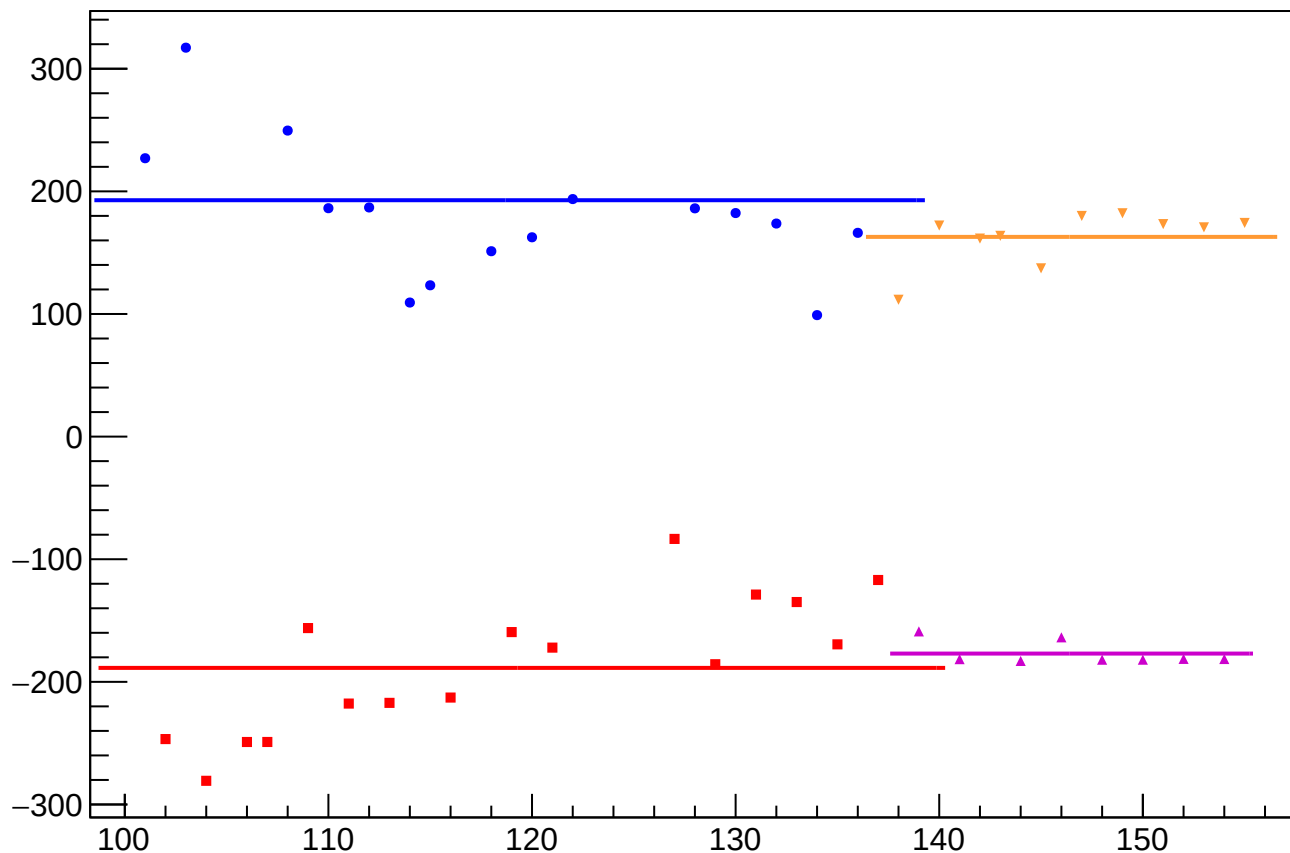
Right In: 6.079 ± 0.000 $\chi^2/\text{NDF}: 1590295171022705157509900448825344.0/14$
 Left Out: 6.692 ± 0.000 $\chi^2/\text{NDF}: 1210590523650859591941588095336448.0/9$
 Right Out: -6.245 ± 0.000 $\chi^2/\text{NDF}: 1816529163105006938510976985595904.0/15$
 Left In: -6.646 ± 0.000 $\chi^2/\text{NDF}: 1008184677736321233740012428722176.0/7$
 All: 0.099 ± 0.000 $\chi^2/\text{NDF}: 11998546484075$

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2 /NDF: 3834969500058.0/14

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 192.771+/-0.000

χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 162.874+/-0.000

χ^2/NDF : 343202997408703939576156746109943808.0/9

Right Out: -188.612+/-0.000

χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: -176.937+/-0.000

χ^2/NDF : 53772356889557985780430990443806720.0/7

Left: 1.070+/-0.000 χ^2/NDF : 420738704472037077

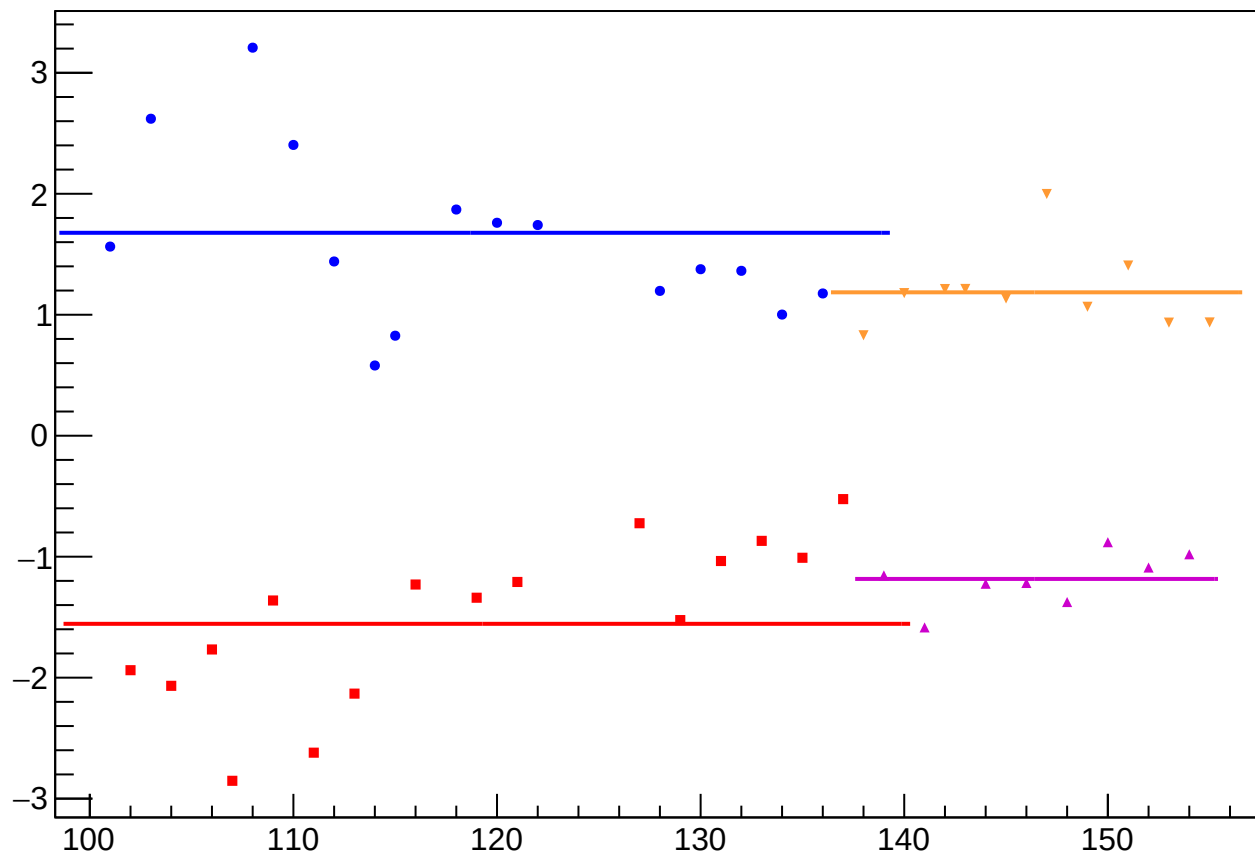
Right: -0.529+/-0.000 χ^2/NDF : 5140794879295893

In: 2.391+/-0.000 χ^2/NDF : 4737433071998023665

Out: -1.646+/-0.000 χ^2/NDF : 46098006539285623

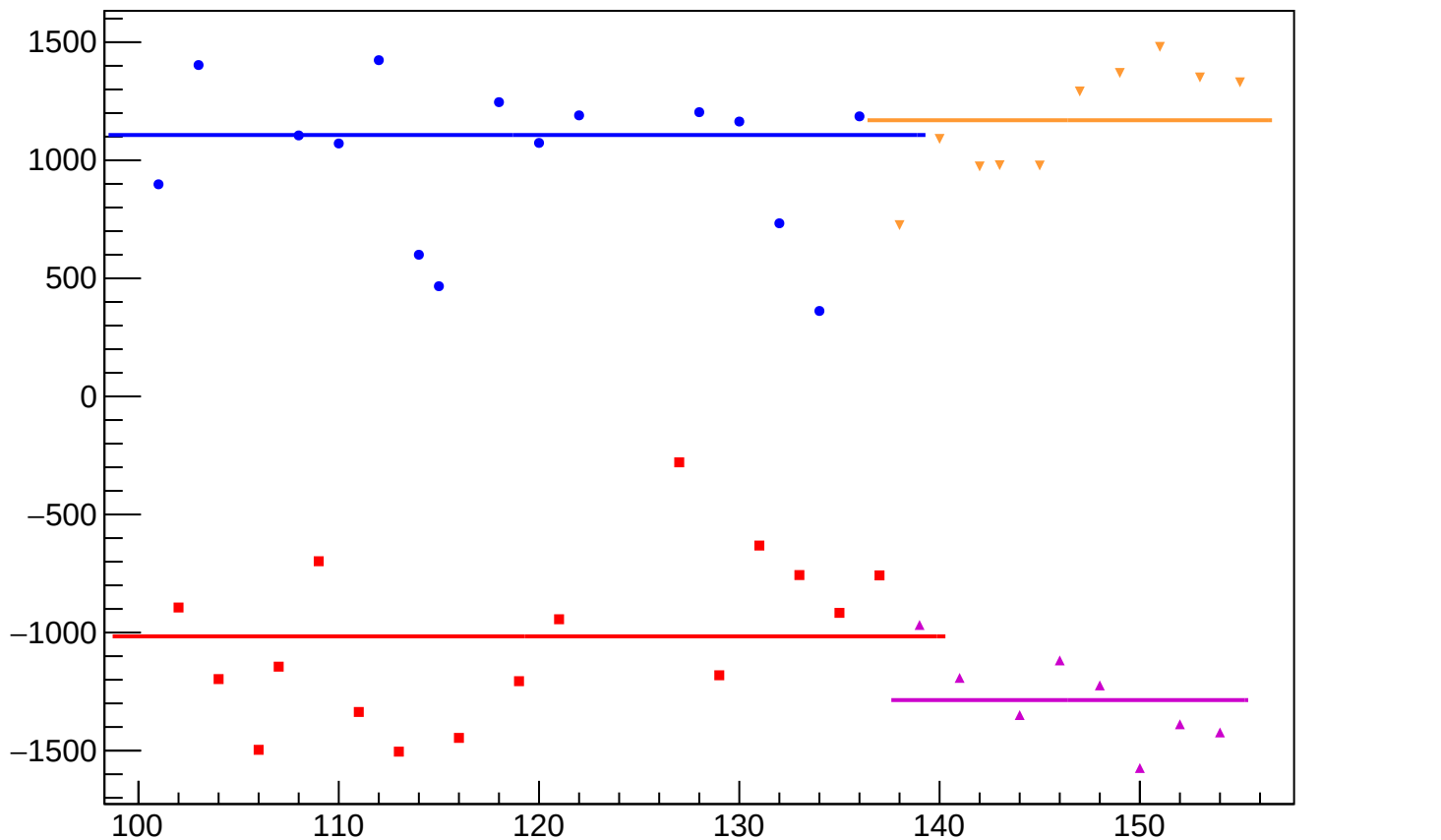
All: 0.309+/-0.000 χ^2/NDF : 93483581381378

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



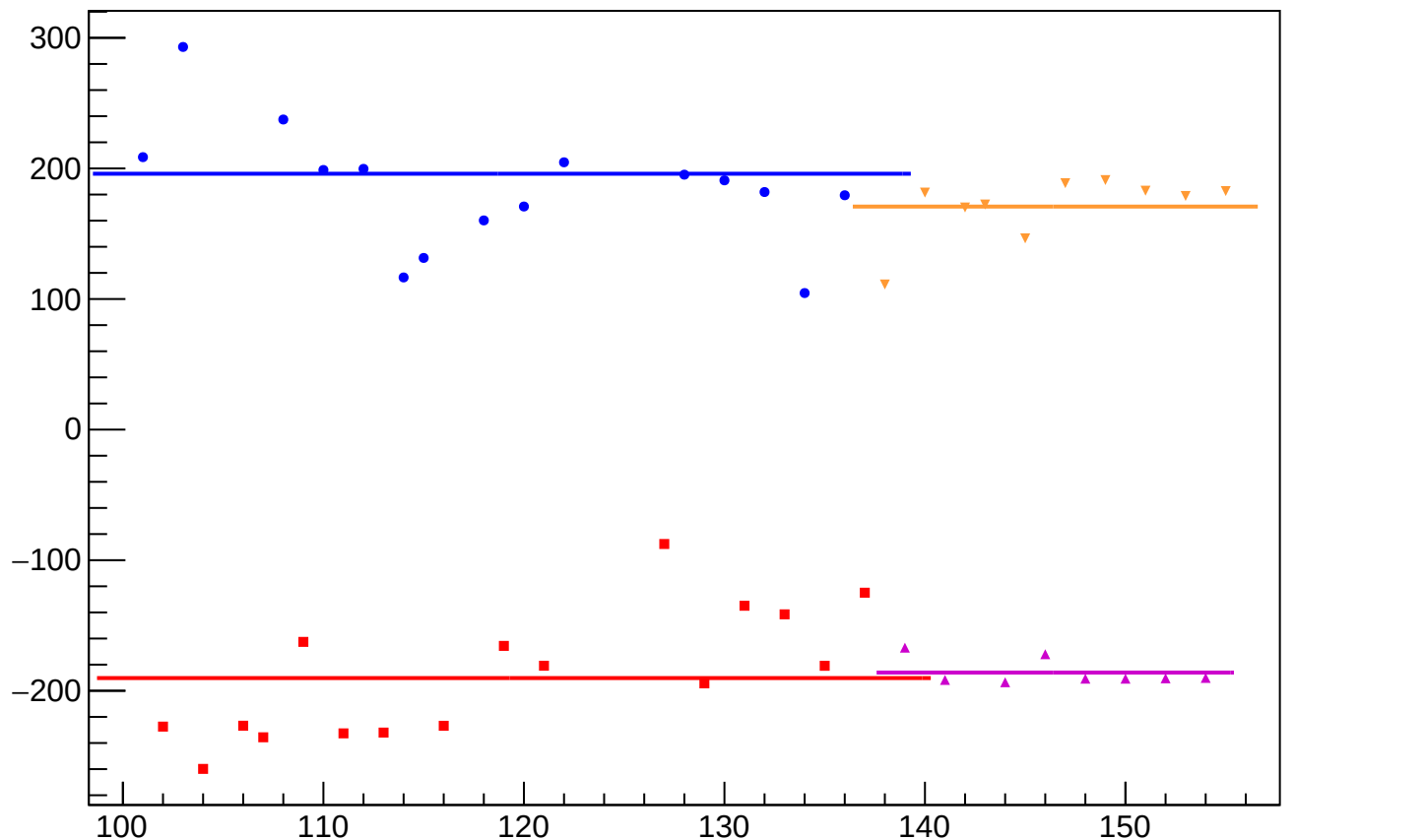
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14
 Left Out: 1.185 $\pm$ 0.000 χ^2 /NDF: 76944373559021292302778517946368.0/9
 Right Out: -1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15
 Left In: -1.184 $\pm$ 0.000 χ^2 /NDF: 29871351572643578316808651800576.0/7
 All: 0.049 $\pm$ 0.000 χ^2 /NDF: 60675955162936.0/30

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621+/-0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1285.964+/-0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 14.940+/-0.000 χ^2/NDF : 3834969500058

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 195.940 $\pm$ 0.000

χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 170.793 $\pm$ 0.000

χ^2 /NDF: 423093183814894389696480435857522688.0/9

Right Out: -190.268 $\pm$ 0.000

χ^2 /NDF: 1468473073667973330267084234323656704.0/15

Left In: -186.043 $\pm$ 0.000

χ^2 /NDF: 60454506696130082040912568037408768.0/7

Left: 0.883 $\pm$ 0.000 χ^2 /NDF: 464411839427039987.0/14

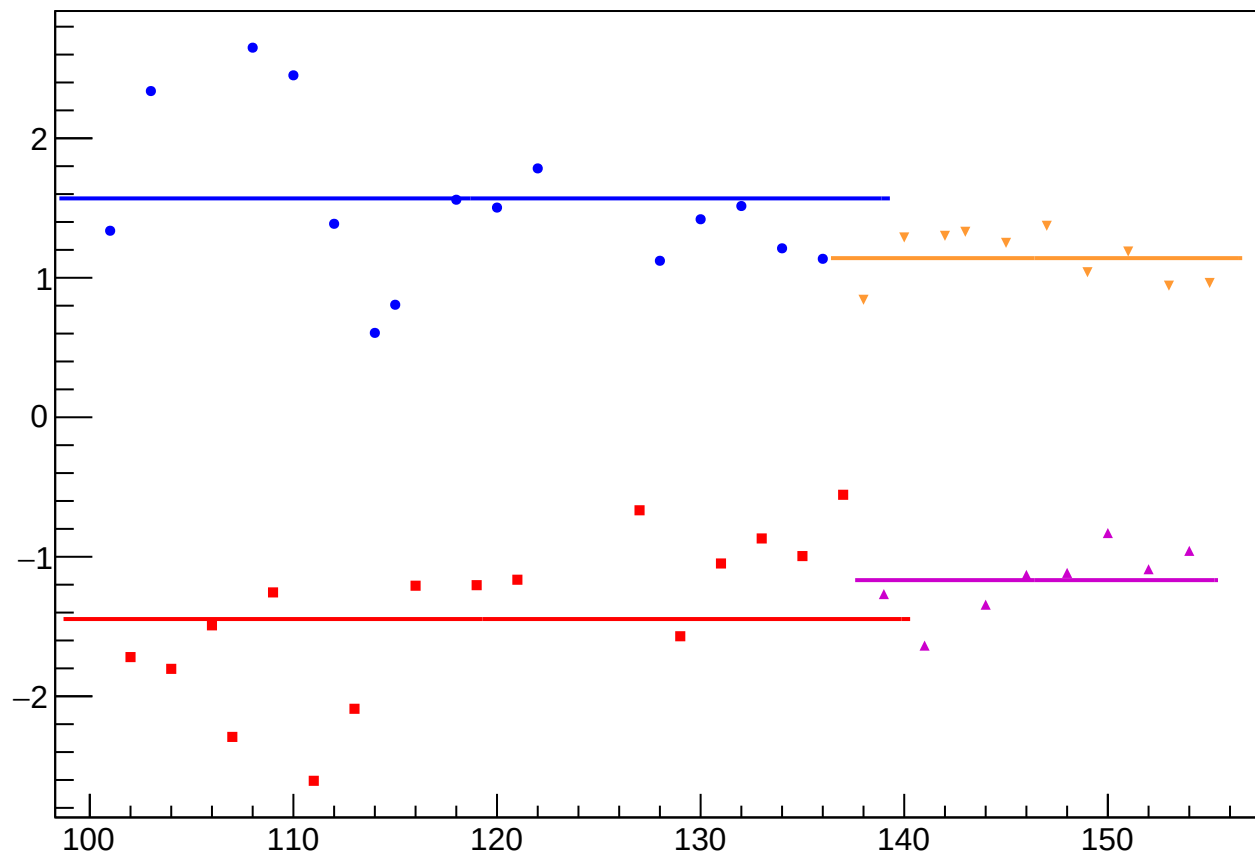
Right: 0.195 $\pm$ 0.000 χ^2 /NDF: 51589726724001798.0/14

In: -0.761 $\pm$ 0.000 χ^2 /NDF: 498820883606786171.0/14

Out: 1.791 $\pm$ 0.000 χ^2 /NDF: 481446525124482631.0/14

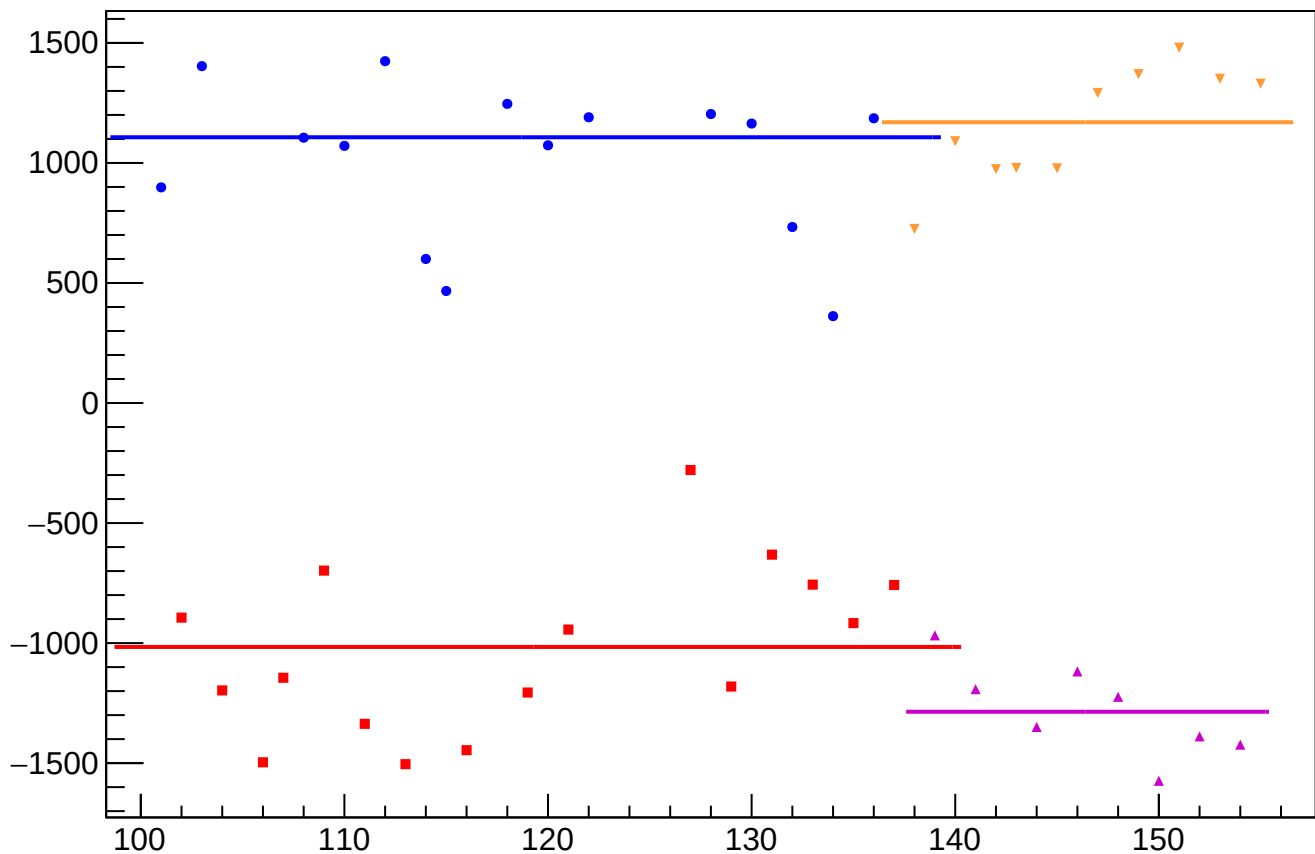
All: 0.555 $\pm$ 0.000 χ^2 /NDF: 98031236609941.0/14

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



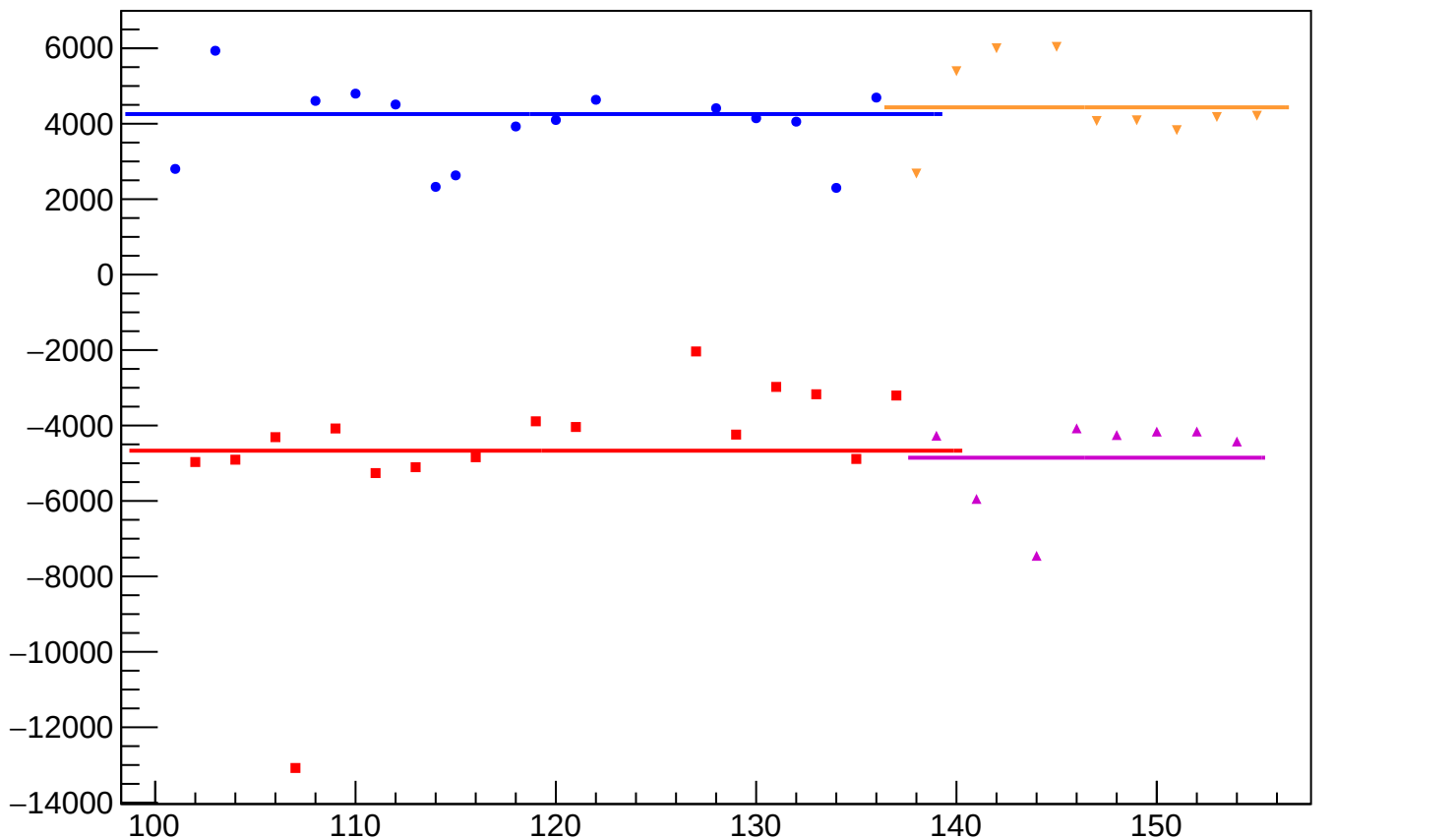
Right In: 1.569 ± 0.000 $\chi^2/\text{NDF}: 162849195668123380789610540957696.0/14$
 Left Out: 1.141 ± 0.000 $\chi^2/\text{NDF}: 24362015302072619236194749775872.0/9$
 Right Out: -1.446 ± 0.000 $\chi^2/\text{NDF}: 196296653917523352443271052787712.0/15$
 Left In: -1.167 ± 0.000 $\chi^2/\text{NDF}: 37448940717677712094004391182336.0/7$
 All: 0.041 ± 0.000 $\chi^2/\text{NDF}: 53347395132515$

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



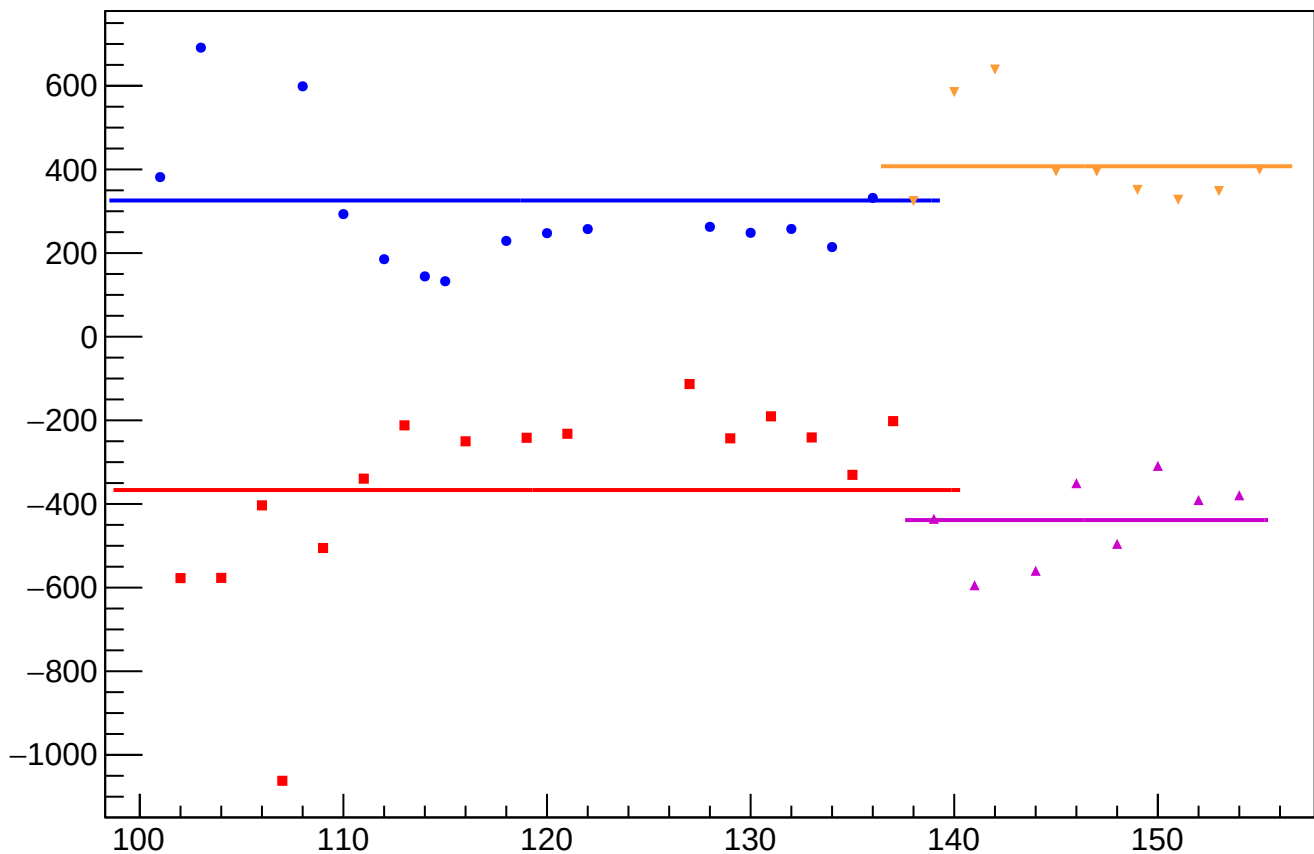
Left: 0.376 ± 0.000 $\chi^2/\text{NDF}: 223833376417523006$
 Right In: 1107.052 ± 0.000 $\chi^2/\text{NDF}: 40633831787810179240542210398269472768.0/14$
 Right: 30.953 ± 0.000 $\chi^2/\text{NDF}: 1595991371539270$
 Left Out: 1169.621 ± 0.000 $\chi^2/\text{NDF}: 39887430500682482778455955268272390144.0/9$
 In: -125.226 ± 0.000 $\chi^2/\text{NDF}: 1976535501929842$
 Right Out: -1016.106 ± 0.000 $\chi^2/\text{NDF}: 72567664333509192712184310037150171136.0/15$
 Out: 146.547 ± 0.000 $\chi^2/\text{NDF}: 1807465368110770$
 Left In: -1285.964 ± 0.000 $\chi^2/\text{NDF}: 22090664618145164661890170403116023808.0/7$
 All: 14.940 ± 0.000 $\chi^2/\text{NDF}: 3834969500058$

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4434.350+/-0.000 χ^2/NDF : 694328209820549335512368133686800941056.0/8
 Right Out: -4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: -4853.854+/-0.000 χ^2/NDF : 913561724477843792427407081787495546880.0/7
 All: -234.131+/-0.000 χ^2/NDF : 61271703753

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000

χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 407.592+/-0.000

χ^2/NDF : 6673017391490154650070820352704905216.0/8

Right Out: -366.682+/-0.000

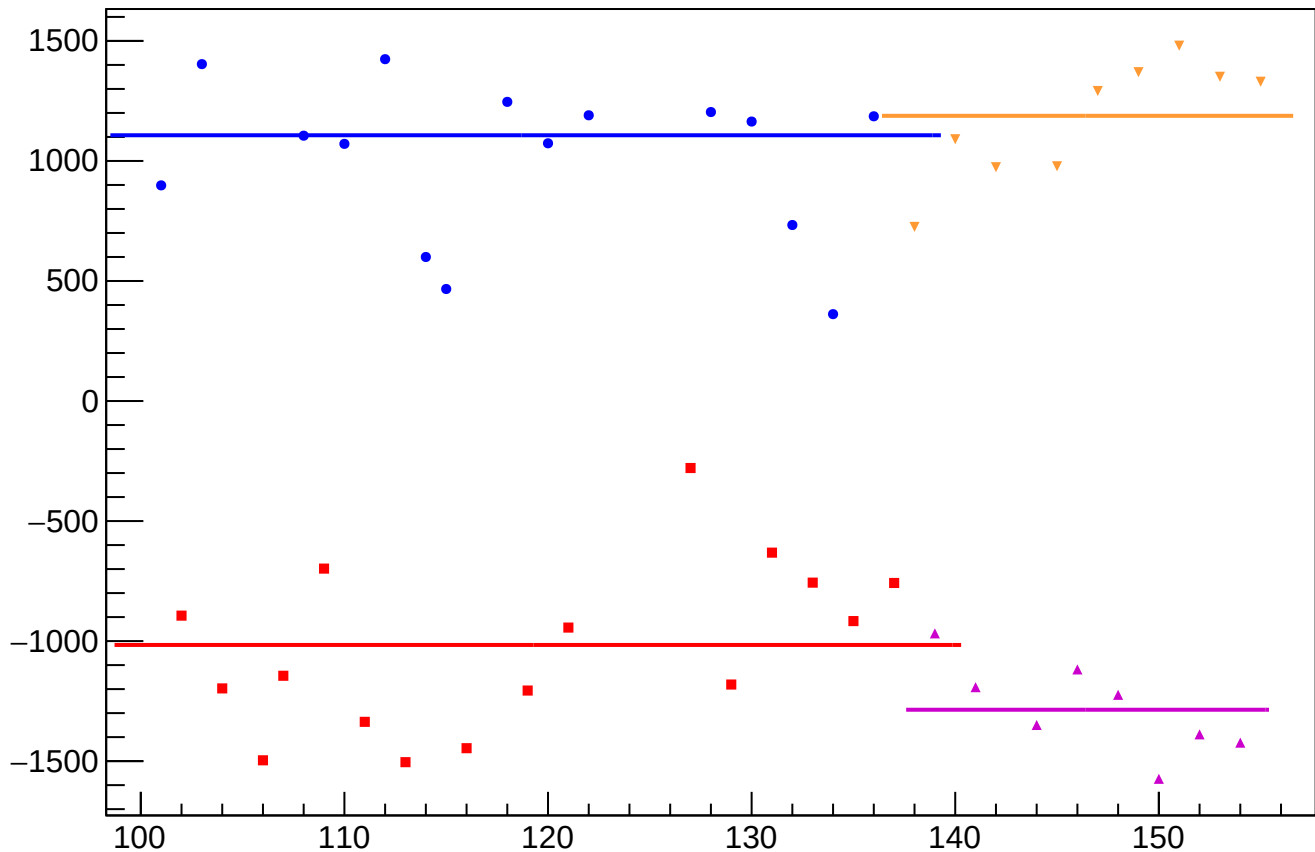
χ^2/NDF : 32097250699947956409117440115398934528.0/15

Left In: -438.468+/-0.000

χ^2/NDF : 6334444531936088440865773421108133888.0/7

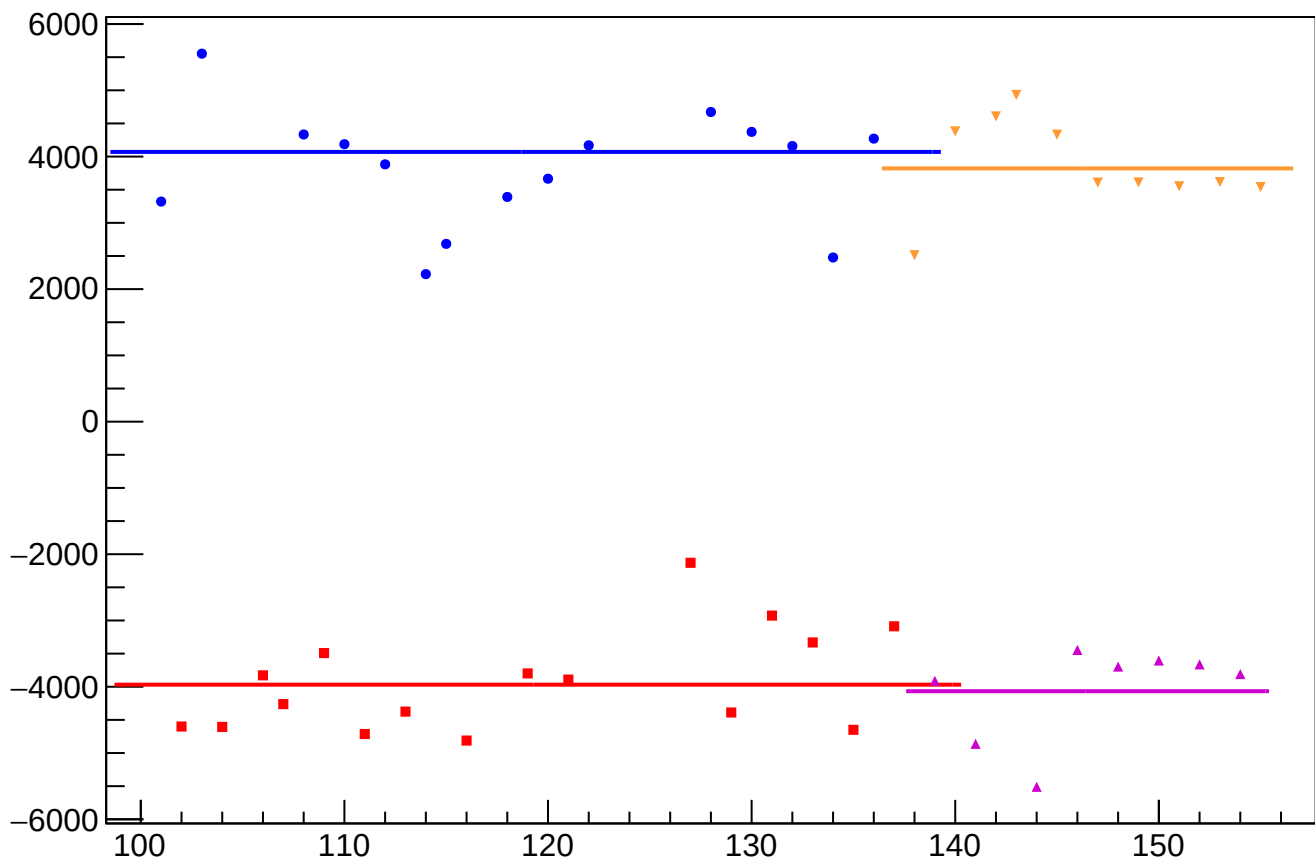
All: -19.894+/-0.000 χ^2/NDF : 464472402491

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1188.094 $\pm$ 0.000 χ^2 /NDF: 37219755321239091779707240009091252224.0/8
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 7256766433509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: -9.022 $\pm$ 0.000 χ^2 /NDF: 3771137500173

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 4070.444+/-0.000

χ^2/NDF : 343281875282695739956383156295247593472.0/14

Left Out: 3821.641+/-0.000

χ^2/NDF : 313729403857991854740934871889735581696.0/9

Right Out: -3968.723+/-0.000

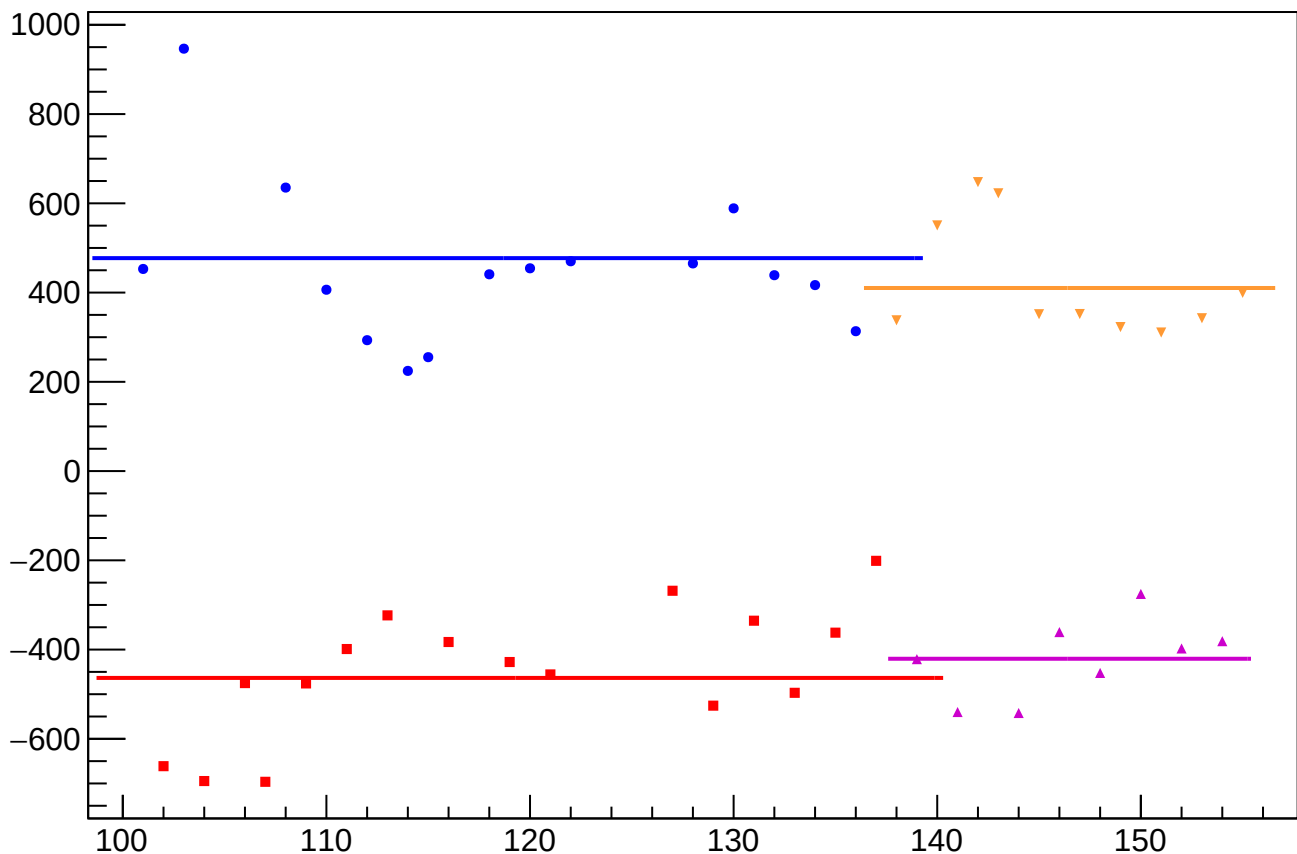
χ^2/NDF : 359955880326194784467353369492594884608.0/15

Left In: -4067.070+/-0.000

χ^2/NDF : 324224344079754271195207744179536920576.0/7

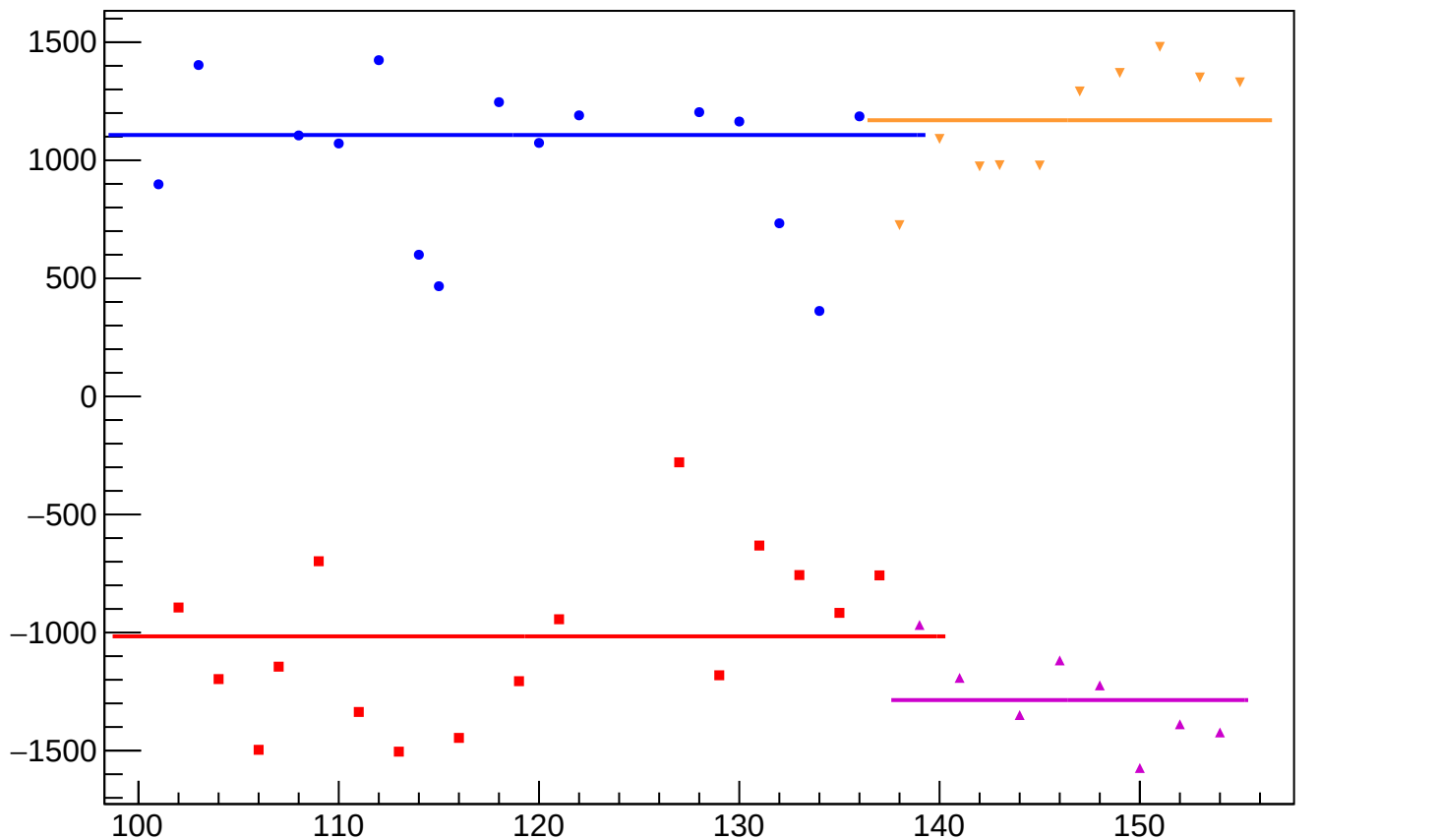
All: 32.274+/-0.000 χ^2/NDF : 4506436624149

dit_usr_coil4_err_mean vs Slug, Sign Corrected



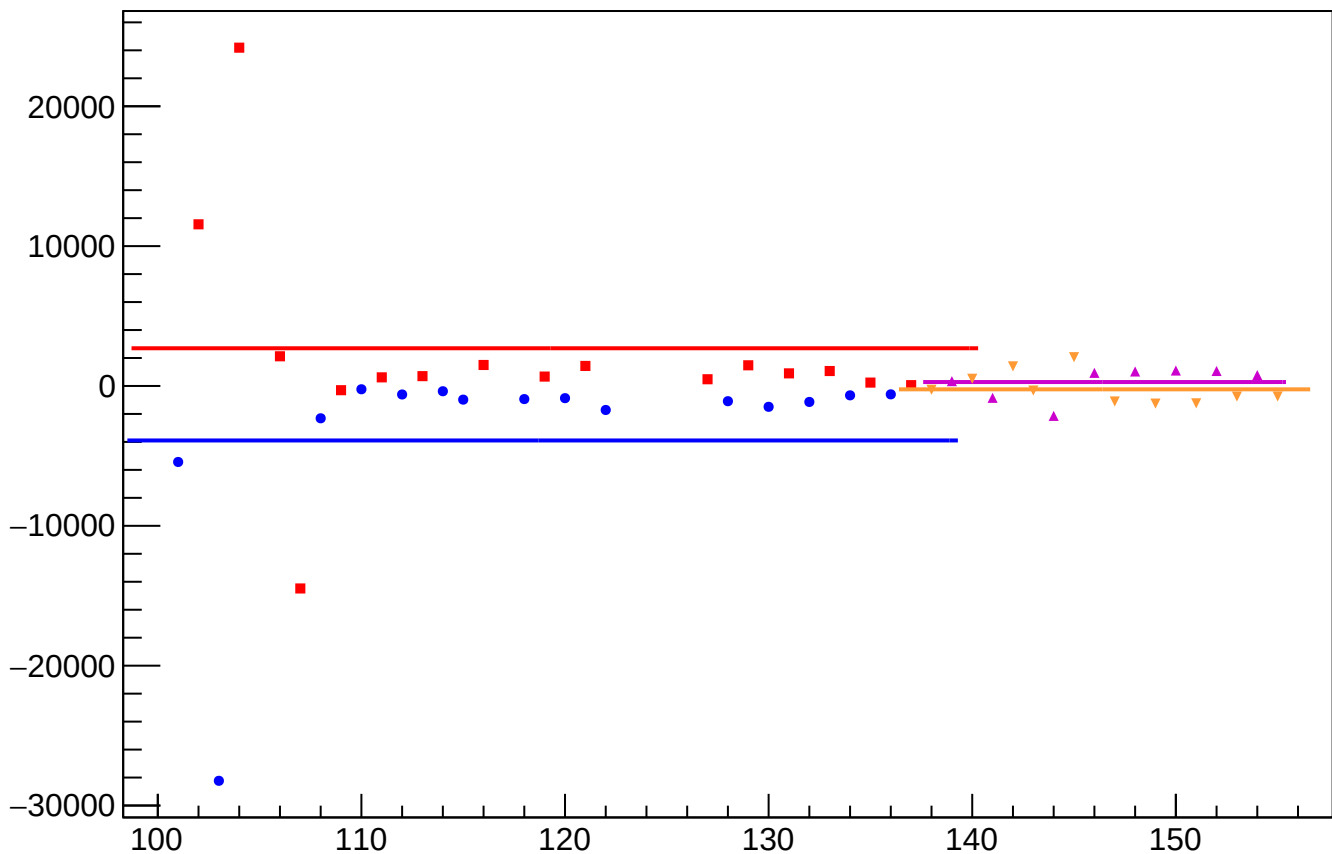
Right In: 477.186 $\pm$ 0.000 χ^2 /NDF: 20455719931758379978892605184974782464.0/14
 Left Out: 410.273 $\pm$ 0.000 χ^2 /NDF: 9982304087303197529476613493147828224.0/9
 Right Out: -463.513 $\pm$ 0.000 χ^2 /NDF: 12556777931069903370031832388184571904.0/15
 Left In: -420.572 $\pm$ 0.000 χ^2 /NDF: 5012795214821043410004385734986825728.0/7
 All: 7.870 $\pm$ 0.000 χ^2 /NDF: 58837956030586

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 0.376 +/- 0.000 χ^2/NDF : 223833376417523006
 Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953 +/- 0.000 χ^2/NDF : 1595991371539270
 Left Out: 1169.621 +/- 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 In: -125.226 +/- 0.000 χ^2/NDF : 1976535501929842
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: 146.547 +/- 0.000 χ^2/NDF : 1807465368110770
 Left In: -1285.964 +/- 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 14.940 +/- 0.000 χ^2/NDF : 3834969500058

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: -3896.522+/-0.000

χ^2/NDF : 39618598516481020448248440670012984786944.0/14

Left Out: -240.150+/-0.000

χ^2/NDF : 866072258665903605002973754485020557312.0/9

Right Out: 2695.992+/-0.000

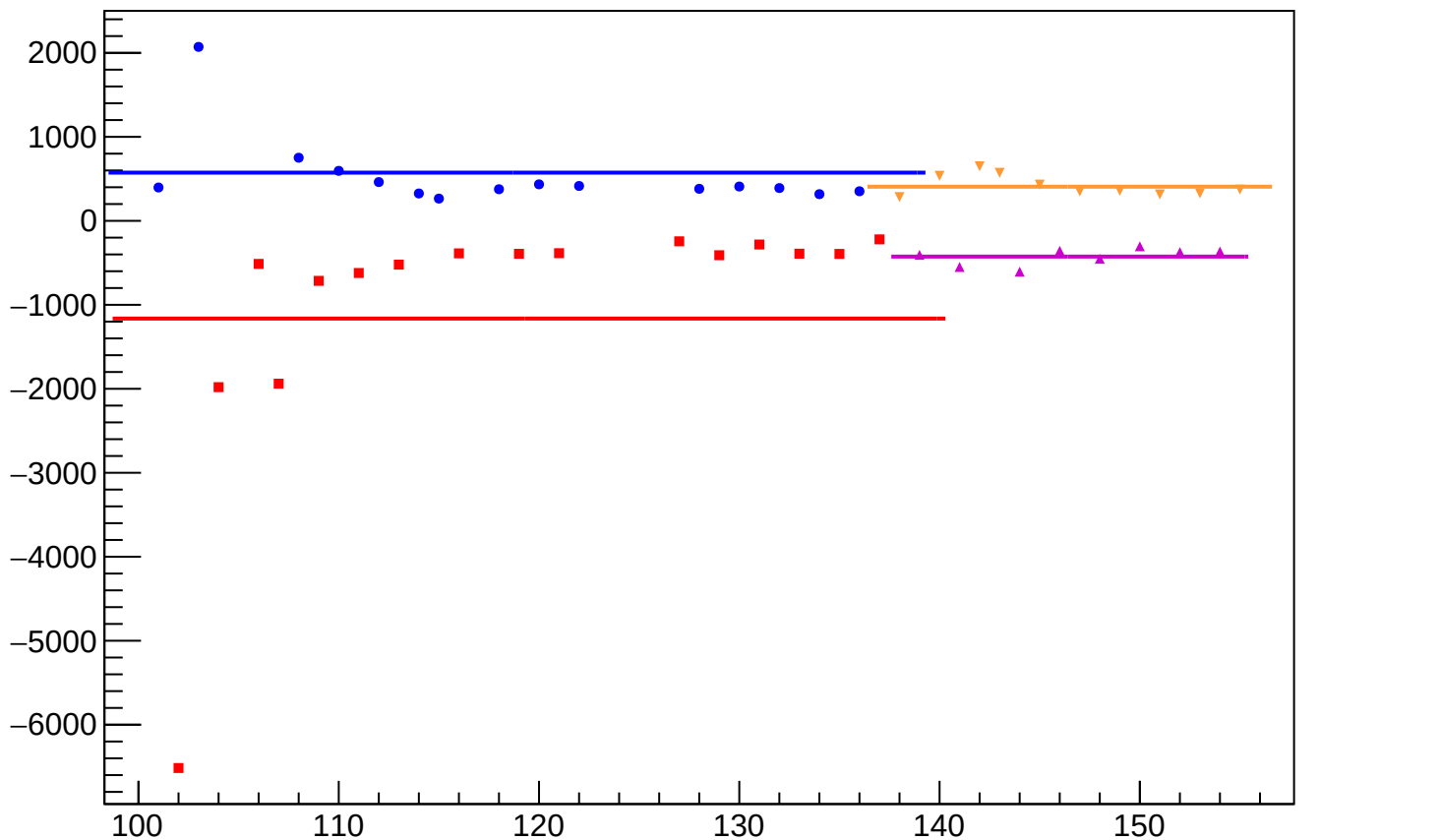
χ^2/NDF : 40822463071462352124212058386591729582080.0/15

Left In: 281.109+/-0.000

χ^2/NDF : 851139848824232486259400396652643614720.0/7

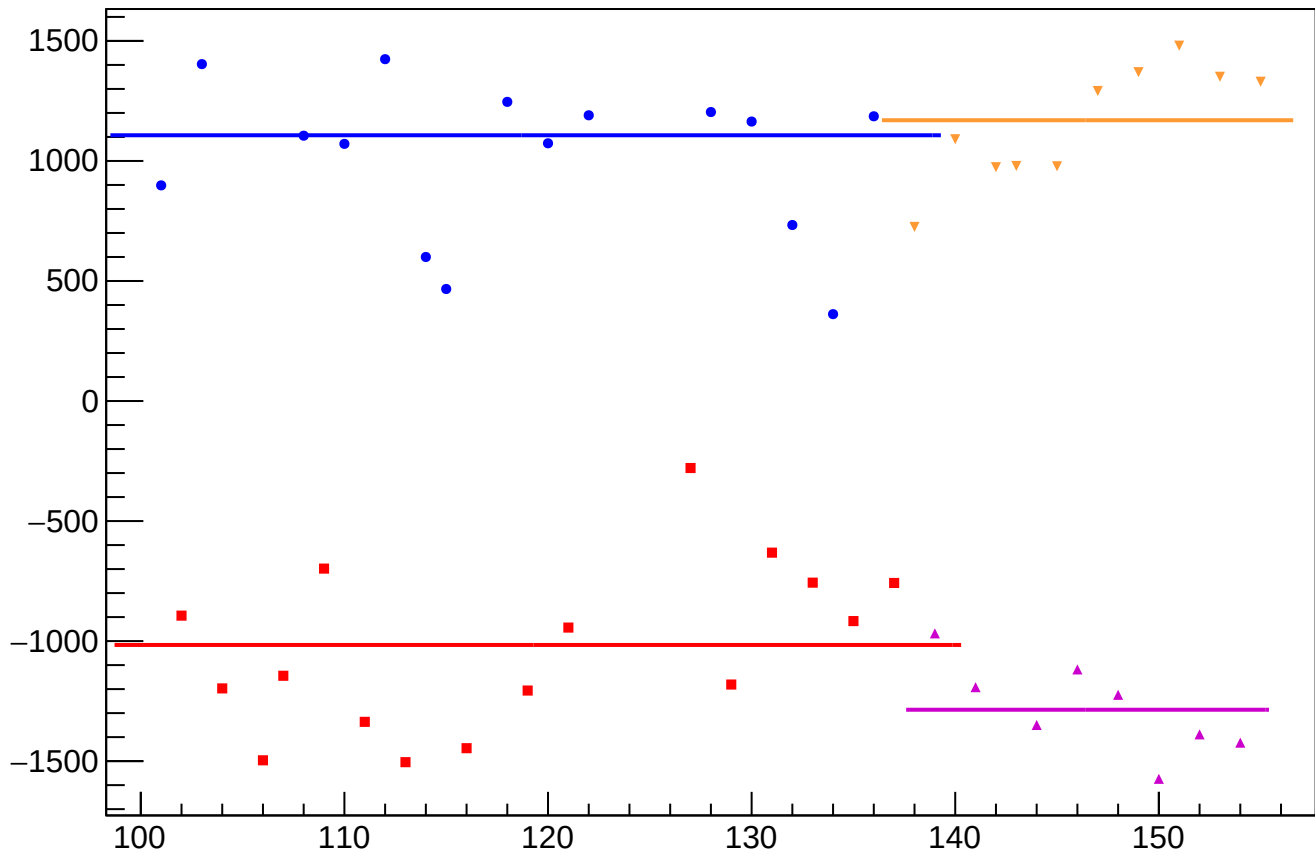
All: -260.212+/-0.000 χ^2/NDF : 96771048422

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



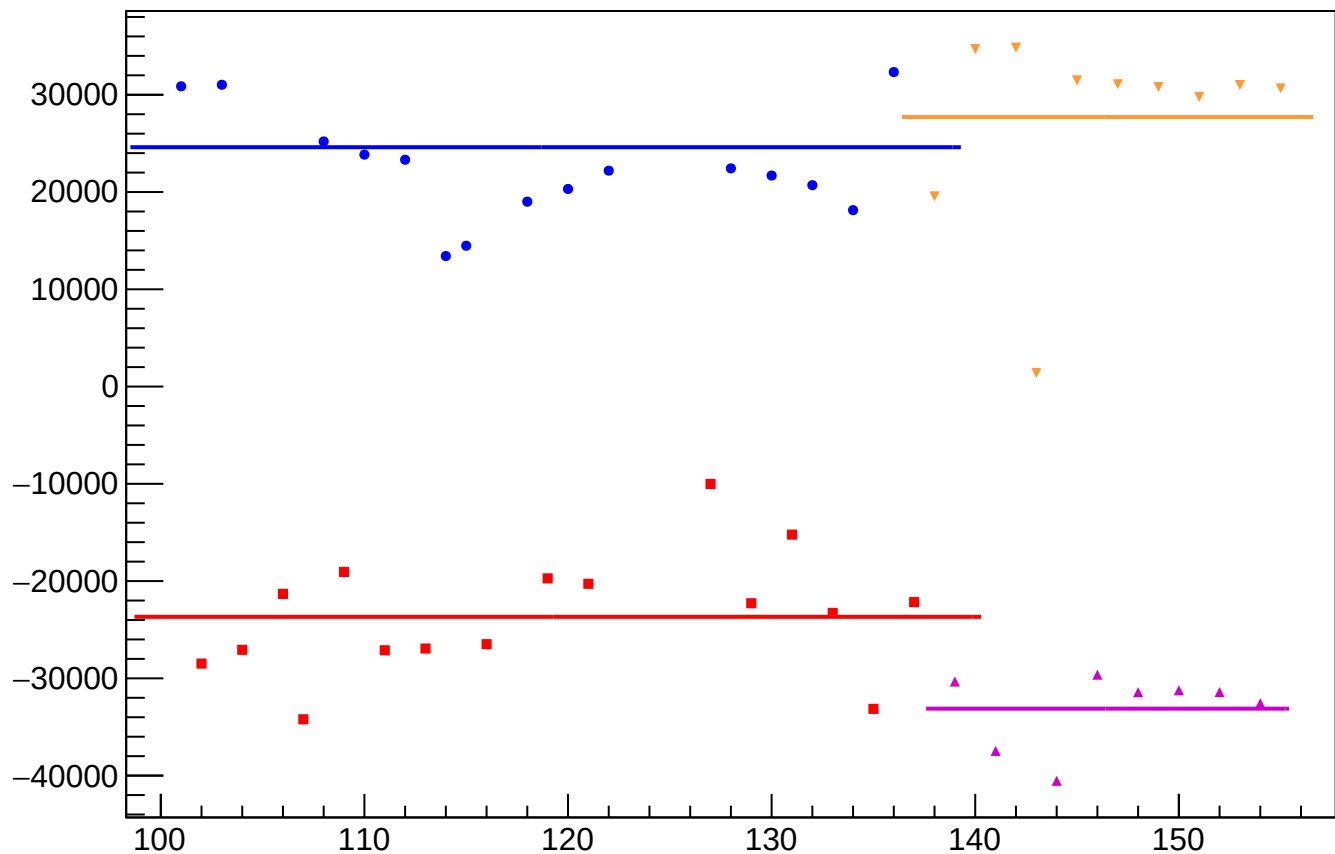
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 406.732+/-0.000 χ^2/NDF : 8896795333451350305127921160051228672.0/9
 Right Out: -1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: -425.610+/-0.000 χ^2/NDF : 6579964202031733804996732902724075520.0/7
 All: -140.632+/-0.000 χ^2/NDF : 34834527940

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



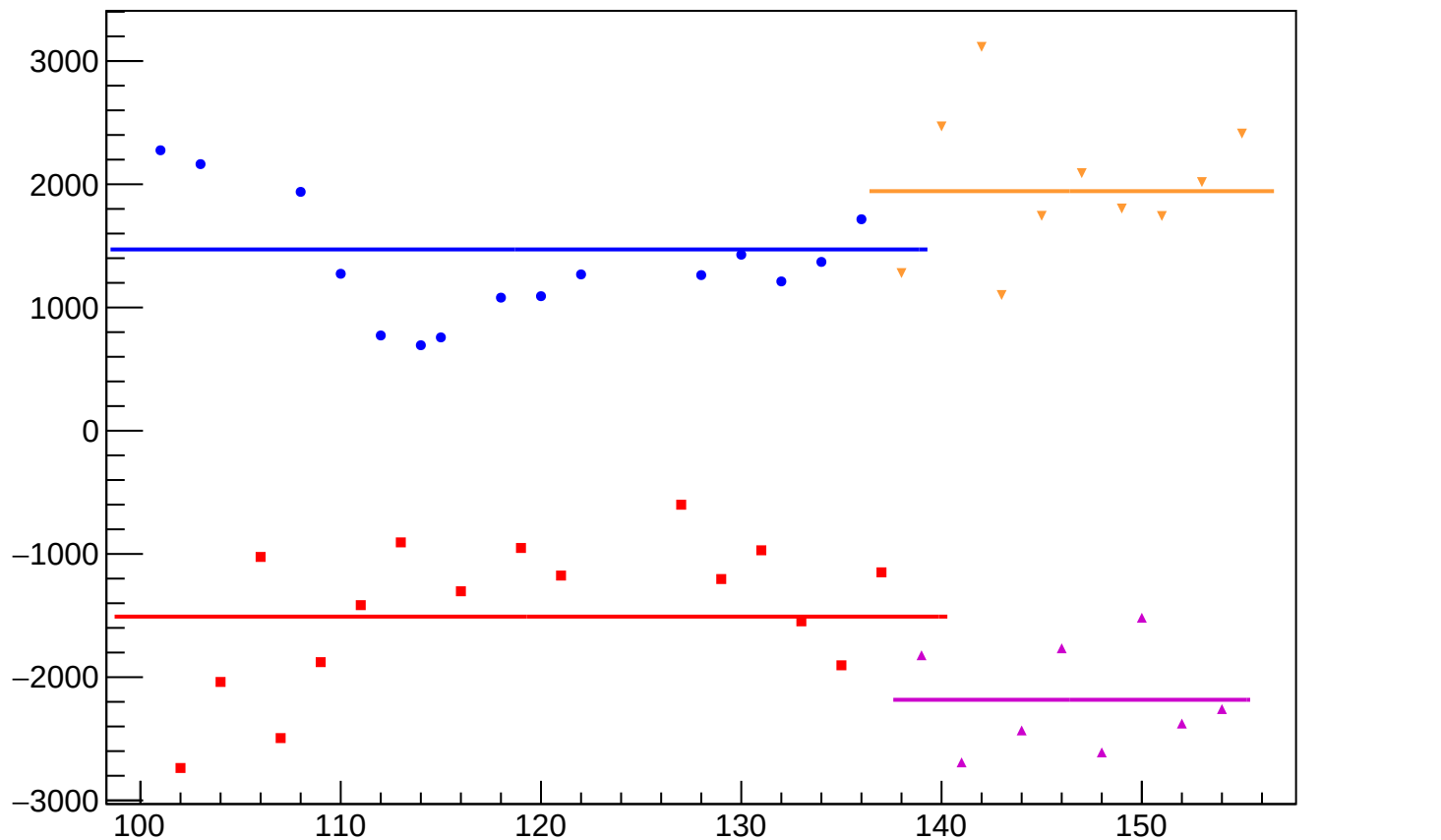
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2 /NDF: 3834969500058

dit_atl2_coil4_mean vs Slug, Sign Corrected



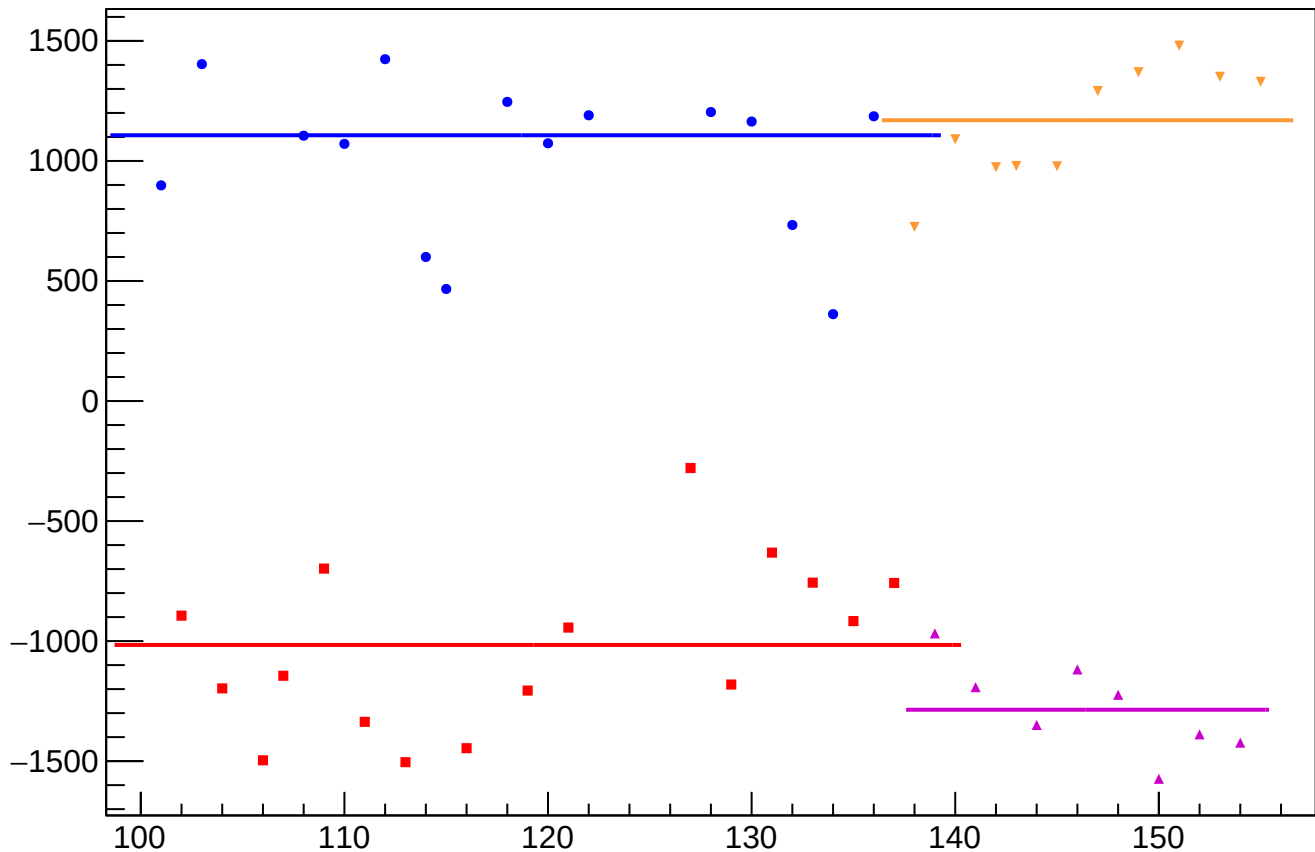
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 27715.410+/-0.000 χ^2/NDF : 62702873201141295398031000435784815738880.0/9
 Right Out: -23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: -33115.625+/-0.000 χ^2/NDF : 8994265927939909242815109490597334876160.0/7
 All: -589.148+/-0.000 χ^2/NDF : 22178115085

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



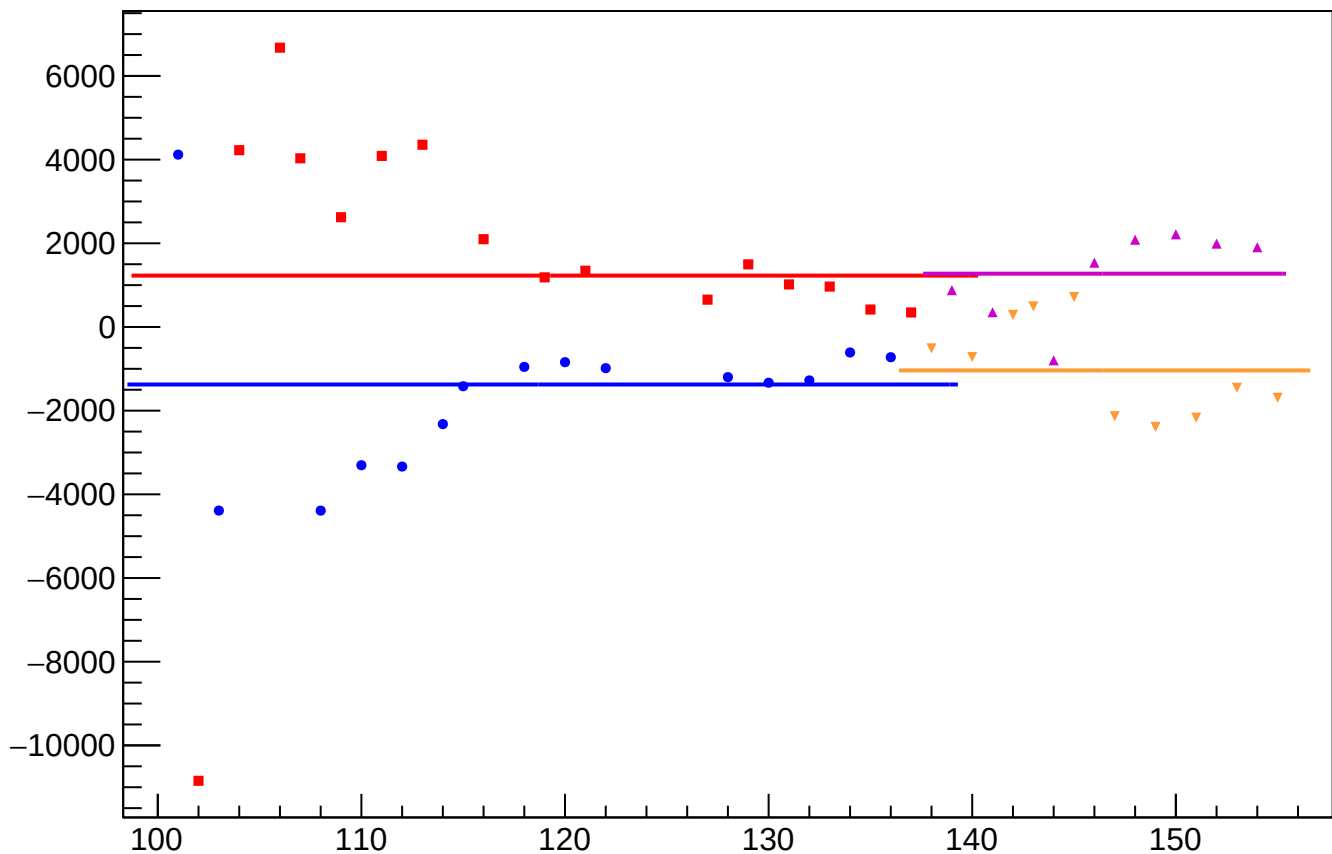
Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 1944.057+/-0.000 χ^2/NDF : 195405549723403028913710788288656179200.0/9
 Right Out: -1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: -2183.438+/-0.000 χ^2/NDF : 111883677528505118311873993274636107776.0/7
 All: -29.747+/-0.000 χ^2/NDF : 976581976835

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2 /NDF: 3834969500058

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: -1374.510+/-0.000

Left Out: -1038.825+/-0.000

Right Out: 1227.879+/-0.000

Left In: 1274.101+/-0.000

χ^2/NDF : 3072775774026573120755024580495322120192.0/14

χ^2/NDF : 910316702501731774896652689510252937216.0/9

χ^2/NDF : 11115312999926623396466450218448622452736.0/15

χ^2/NDF : 688574908005051283347985855043797516288.0/7

Left: 62.492+/-0.000 χ^2/NDF : 35297183076696254

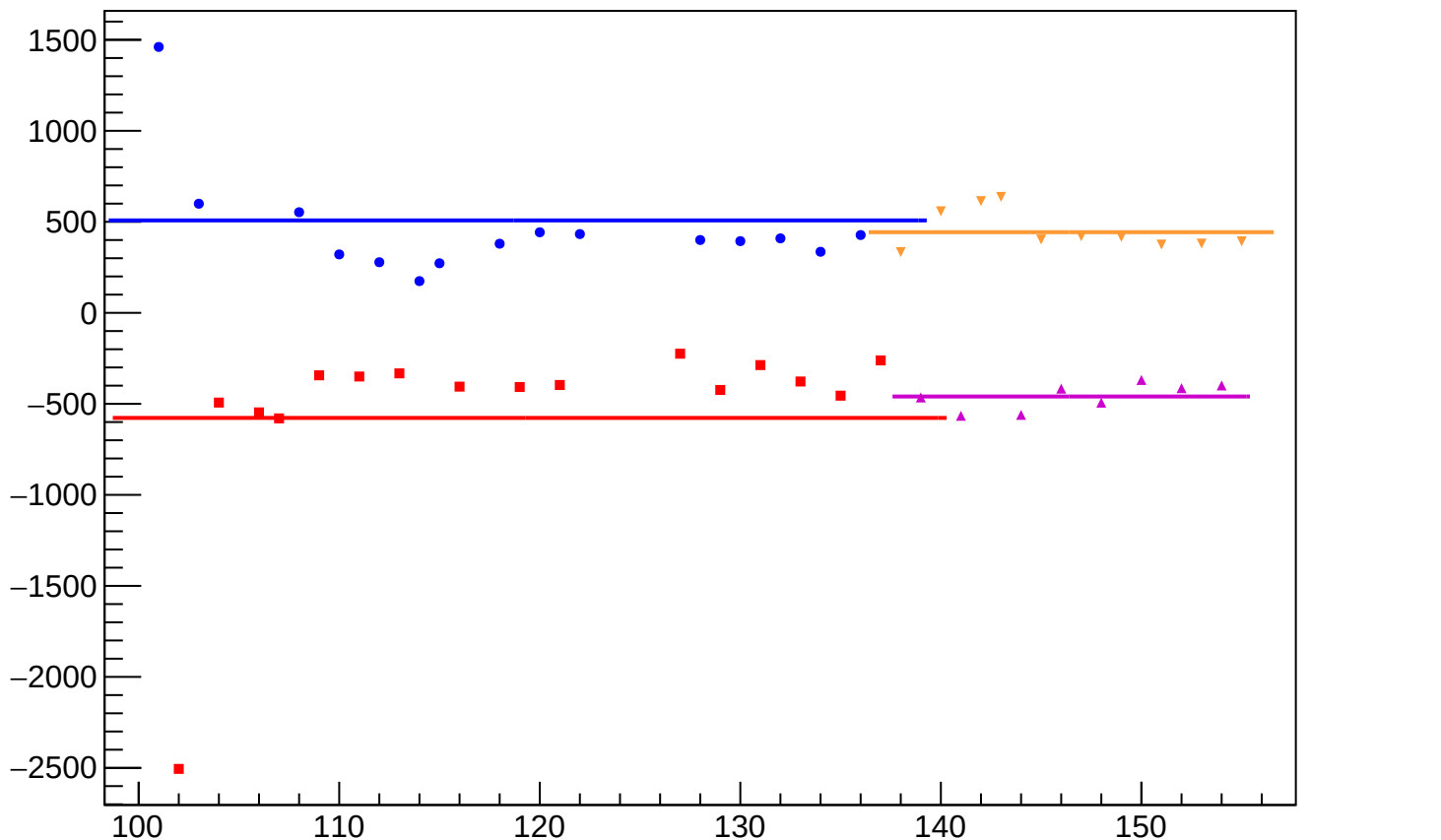
Right: -55.518+/-0.000 χ^2/NDF : 164158010761557

In: -10.614+/-0.000 χ^2/NDF : 61058178175151846

Out: 22.152+/-0.000 χ^2/NDF : 13848558771988139

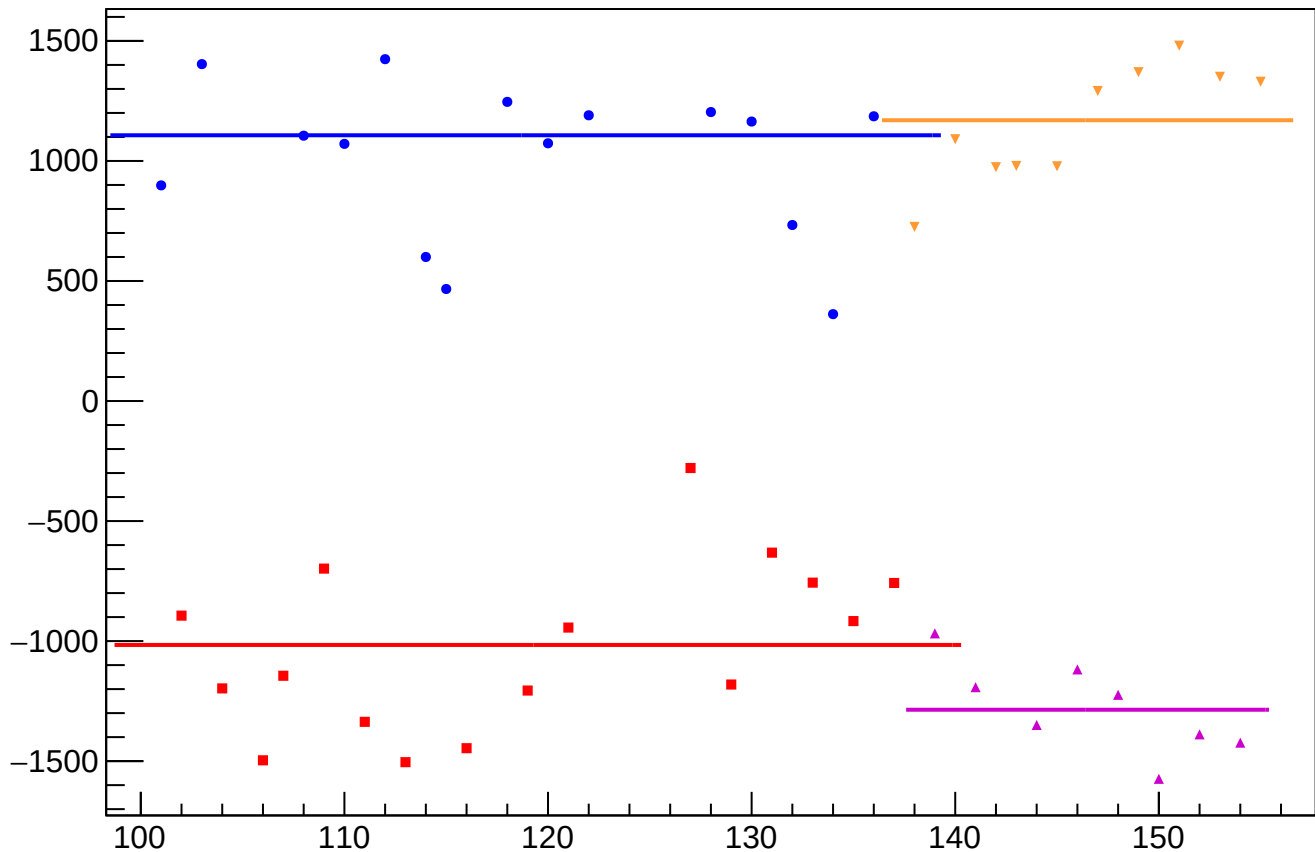
All: 6.285+/-0.000 χ^2/NDF : 19955117432598

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



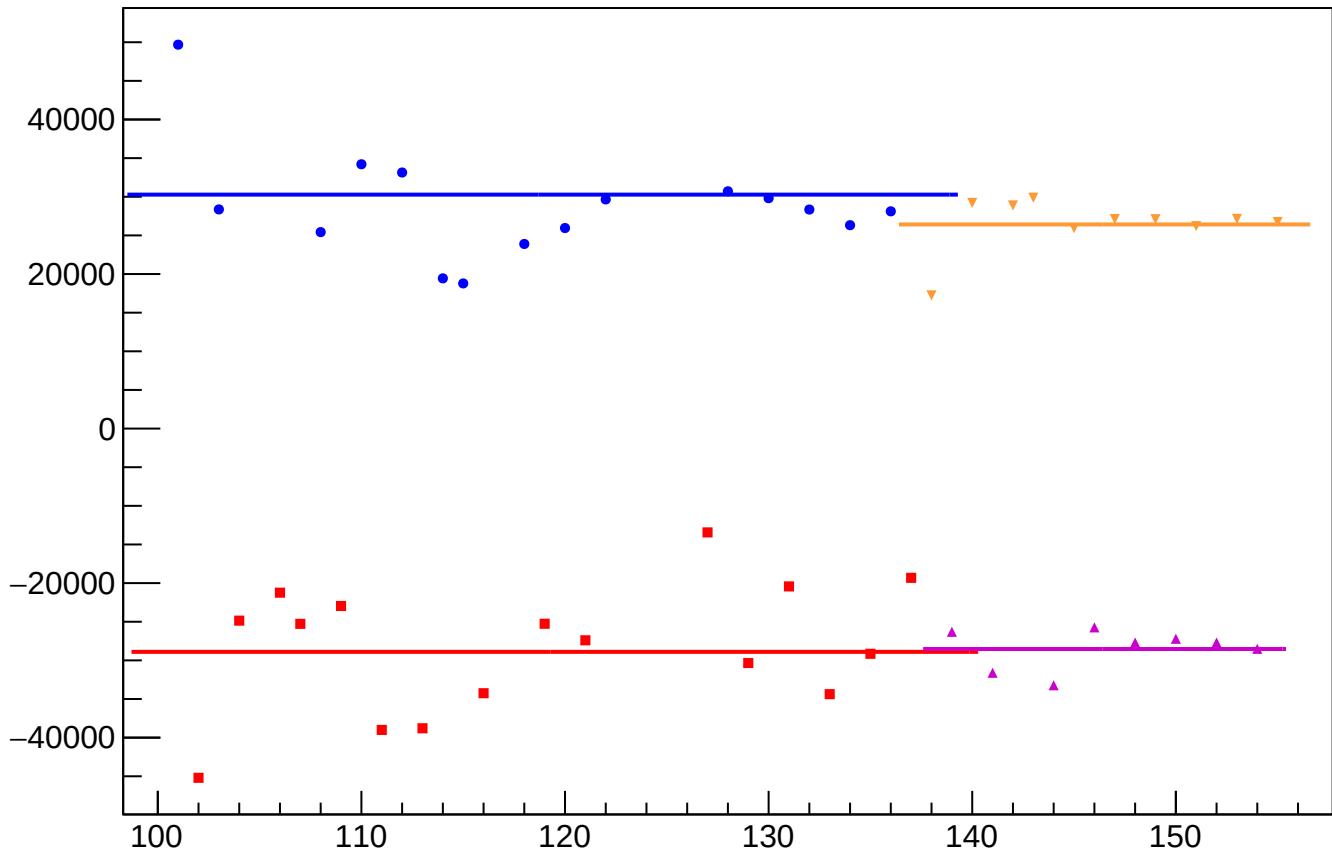
Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14
 Left Out: 443.104+/-0.000 χ^2/NDF : 6986812104887376137354052907537793024.0/9
 Right Out: -577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15
 Left In: -459.580+/-0.000 χ^2/NDF : 3375543158345672627410724817928716288.0/7
 All: -13.115+/-0.000 χ^2/NDF : 999283265755

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



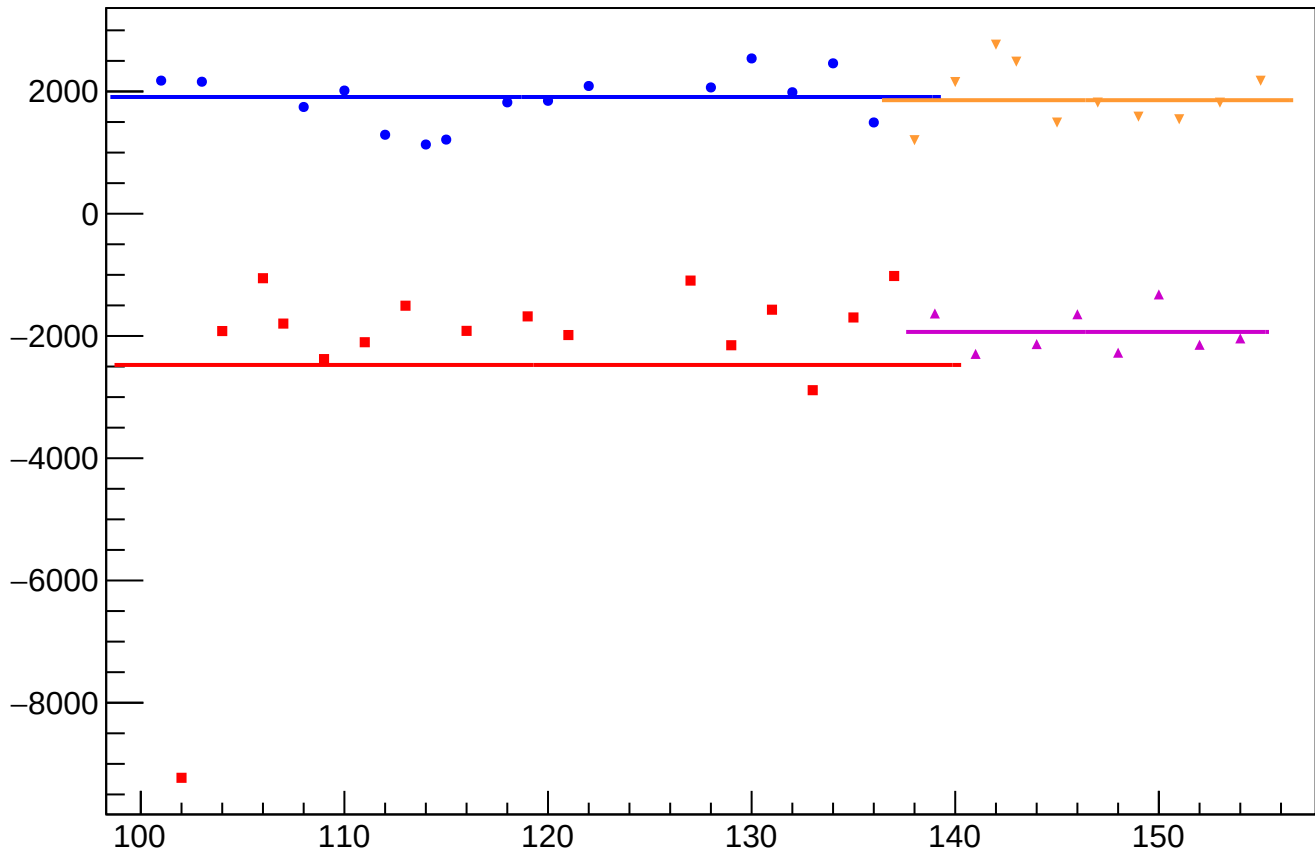
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 7256766433509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2 /NDF: 3834969500058

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 26419.013+/-0.000 χ^2/NDF : 8441203553383624066077580412506509148160.0/9
 Right Out: -28896.318+/-0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: -28528.198+/-0.000 χ^2/NDF : 4094835671107841499828003724763238236160.0/7
 All: 270.008+/-0.000 χ^2/NDF : 233198999135

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1909.434+/-0.000

χ^2/NDF : 87636974094211671524177650165869445120.0/14

Left Out: 1857.085+/-0.000

χ^2/NDF : 137996915179666891610803150051665248256.0/9

Right Out: -2473.977+/-0.000

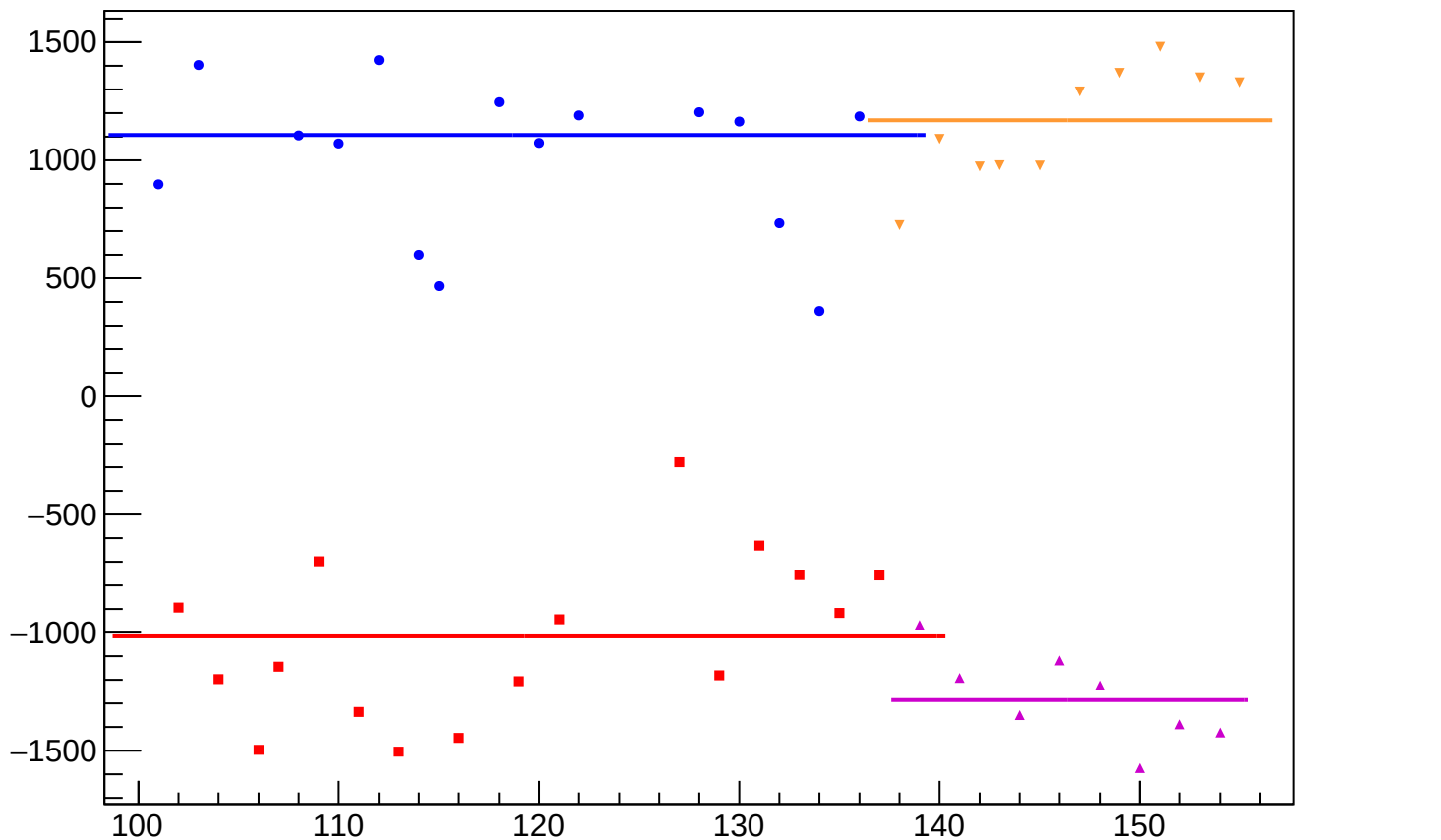
χ^2/NDF : 3033908025746418121738753286600386412544.0/15

Left In: -1933.862+/-0.000

χ^2/NDF : 77619419803794256925886324602667270144.0/7

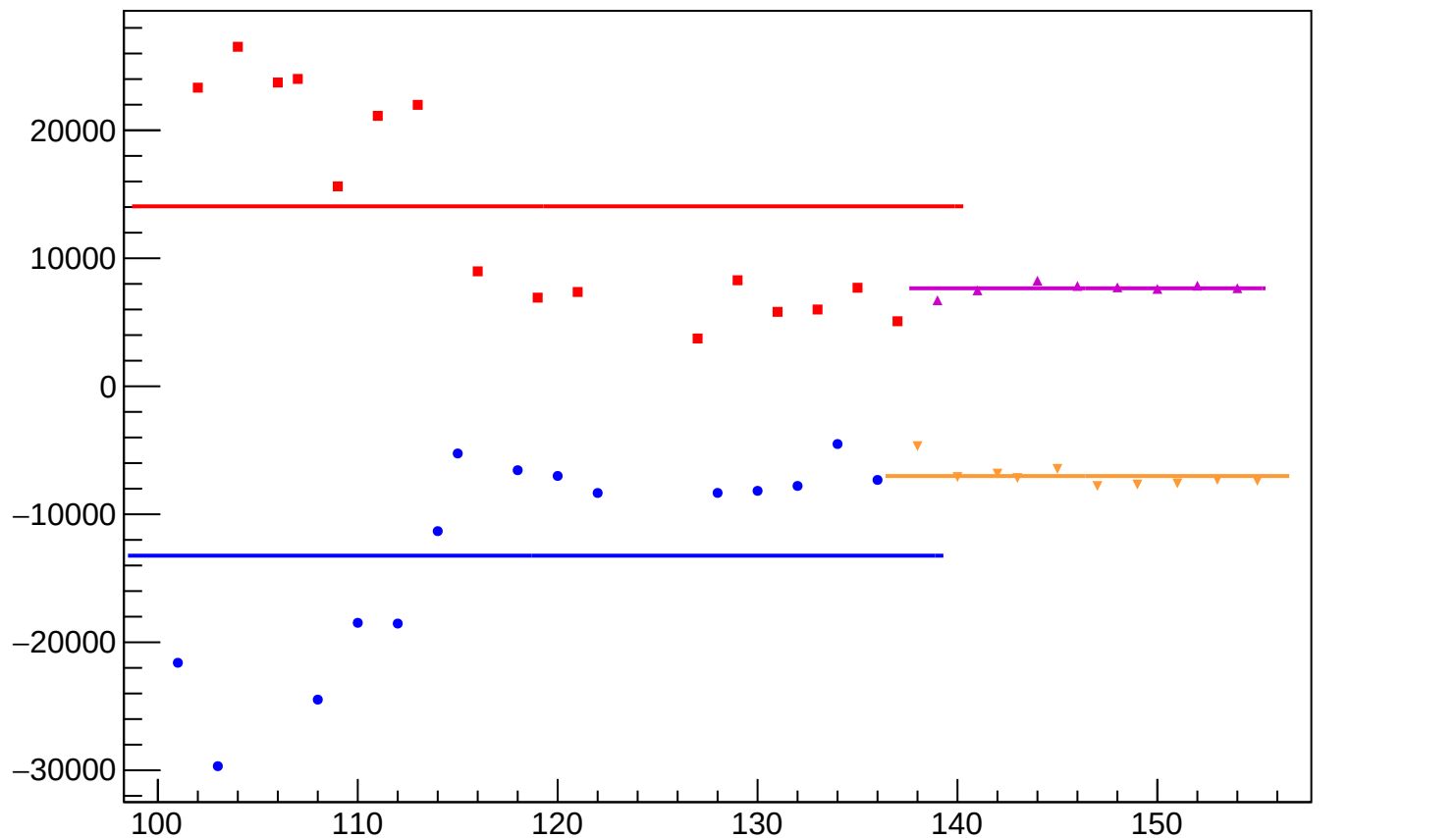
All: -121.491+/-0.000 χ^2/NDF : 14935911102

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



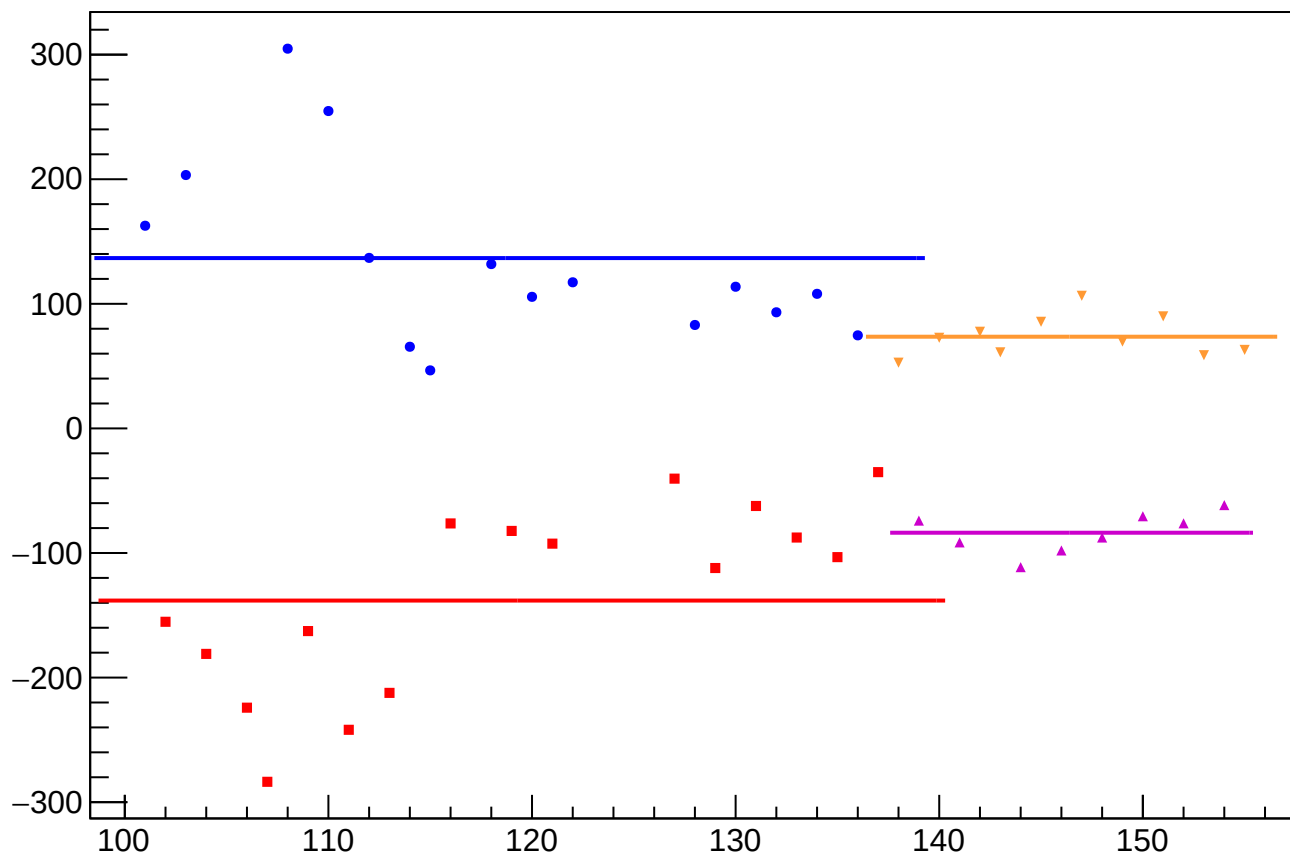
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 ± 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1285.964 ± 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 14.940 ± 0.000 χ^2/NDF : 3834969500058

dit_sam1_coil4_mean vs Slug, Sign Corrected



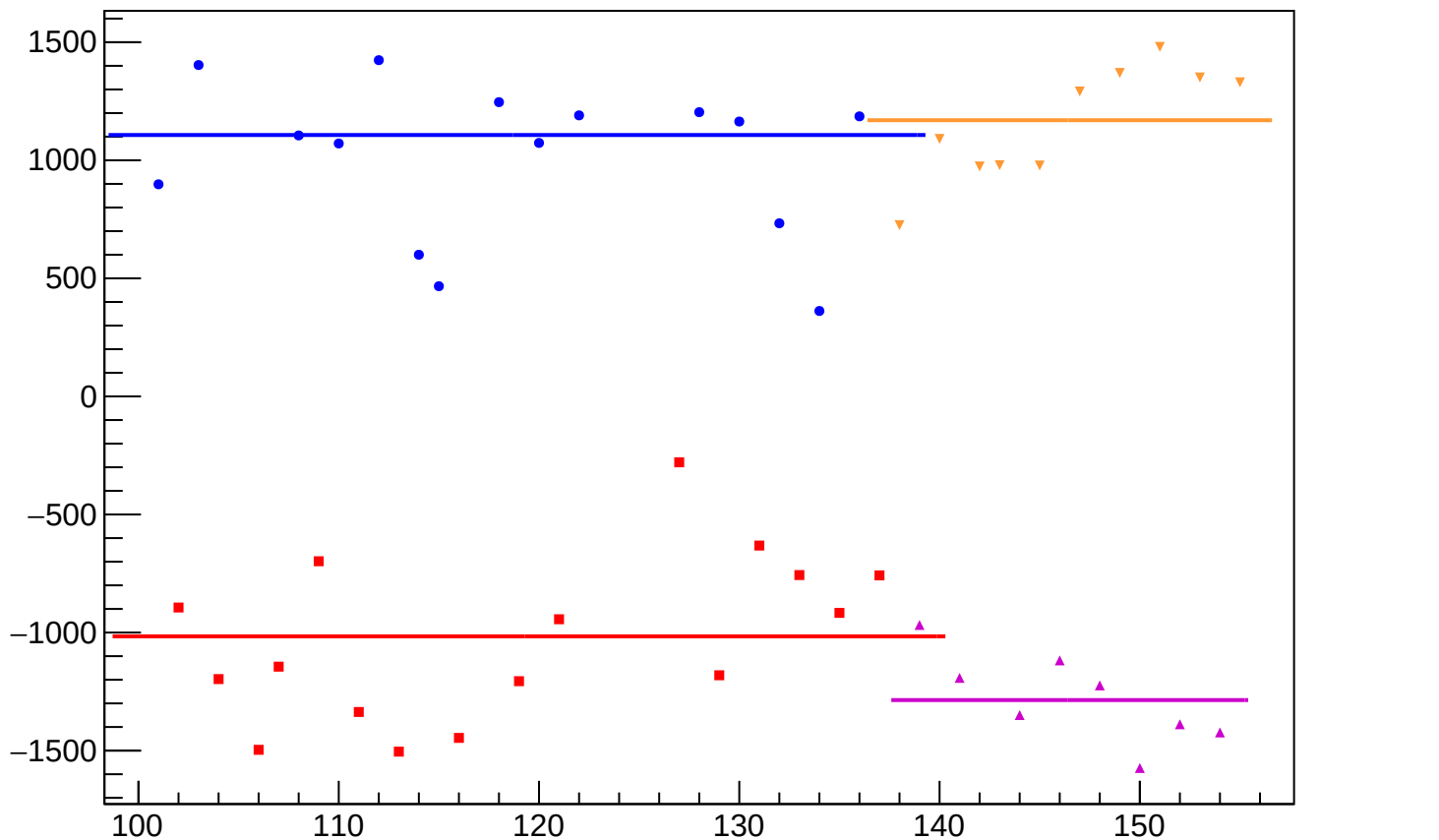
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -7011.044+/-0.000 χ^2/NDF : 583158477450145402022787341699929604096.0/9
 Right Out: 14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: 7656.469+/-0.000 χ^2/NDF : 111812303400565368247979234611521650688.0/7
 All: 271.650+/-0.000 χ^2/NDF : 409399300638

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



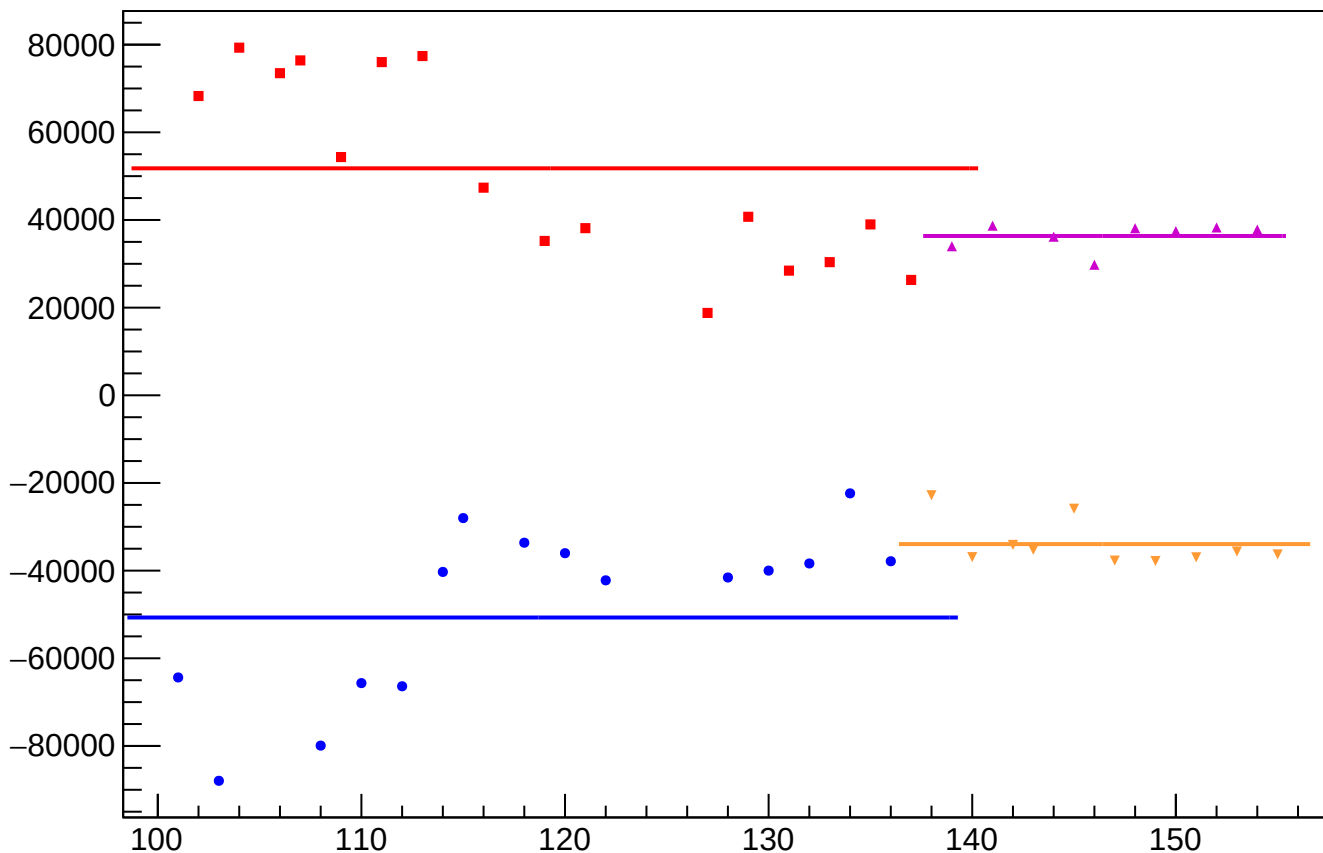
Left: -1.315 ± 0.000 $\chi^2/\text{NDF}: 92881246411850066$
 Right In: 136.711 ± 0.000 $\chi^2/\text{NDF}: 2687065030885227126291764267456659456.0/14$
 Left Out: 73.599 ± 0.000 $\chi^2/\text{NDF}: 190552923088196498215094402211119104.0/9$
 Right Out: -138.179 ± 0.000 $\chi^2/\text{NDF}: 3230883352878636334641613561898467328.0/15$
 Left In: -83.732 ± 0.000 $\chi^2/\text{NDF}: 163467432451429710591851771023327232.0/7$
 All: -1.934 ± 0.000 $\chi^2/\text{NDF}: 4006329480262$

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2 /NDF: 3834969500058

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424+/-0.000

Left Out: -33946.205+/-0.000

Right Out: 51783.912+/-0.000

Left In: 36350.643+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

χ^2/NDF : 19544543663882881796968576483217991794688.0/9

χ^2/NDF : 281789617729131996271154198472617478848512.0/15

χ^2/NDF : 5382141411192149471631091859997551755264.0/7

Left: -473.829+/-0.000 χ^2/NDF : 180850257943627

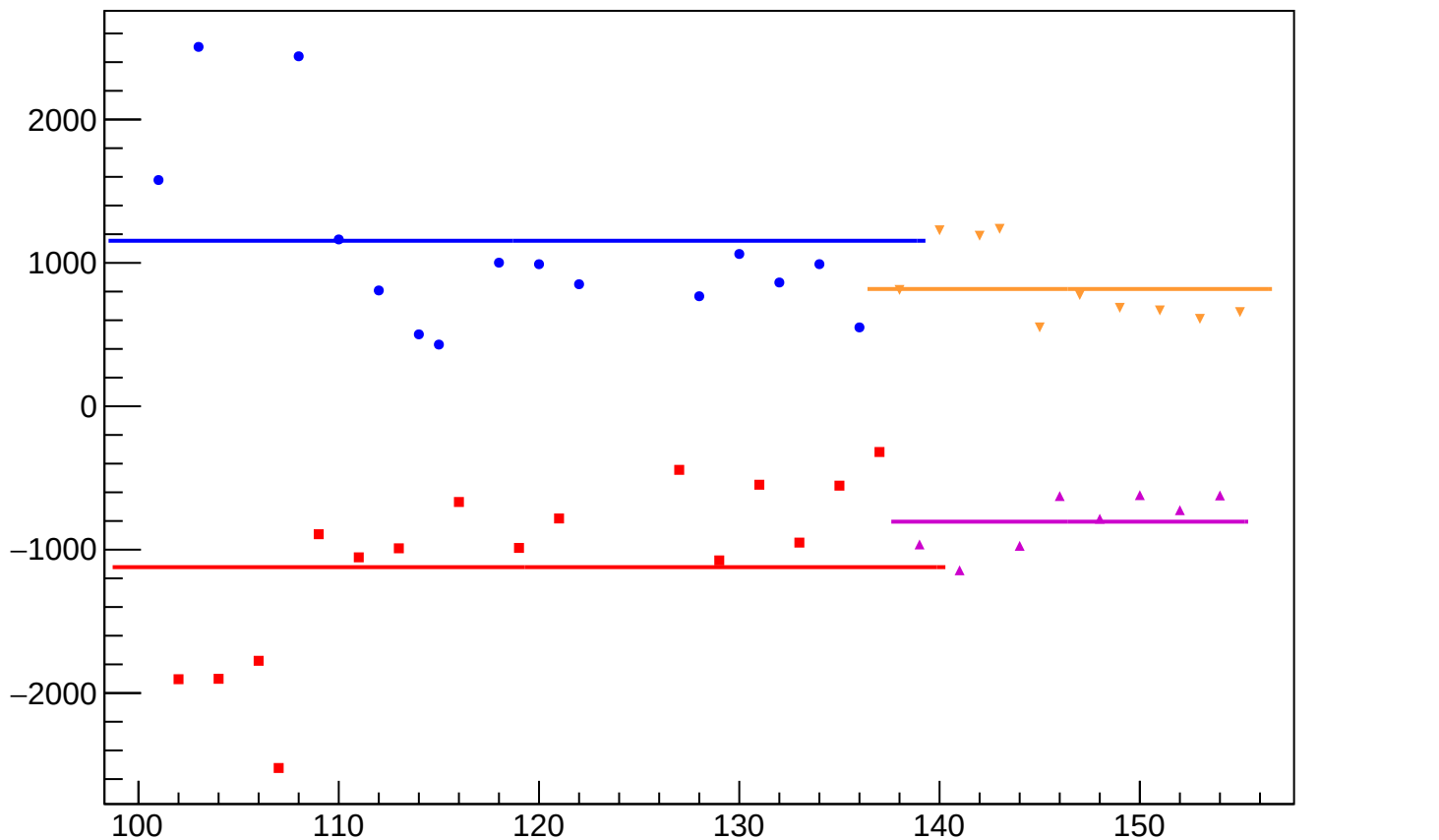
Right: 1245.090+/-0.000 χ^2/NDF : 39629195371379

In: -5871.254+/-0.000 χ^2/NDF : 276424300950452

Out: 6181.506+/-0.000 χ^2/NDF : 290897037822961

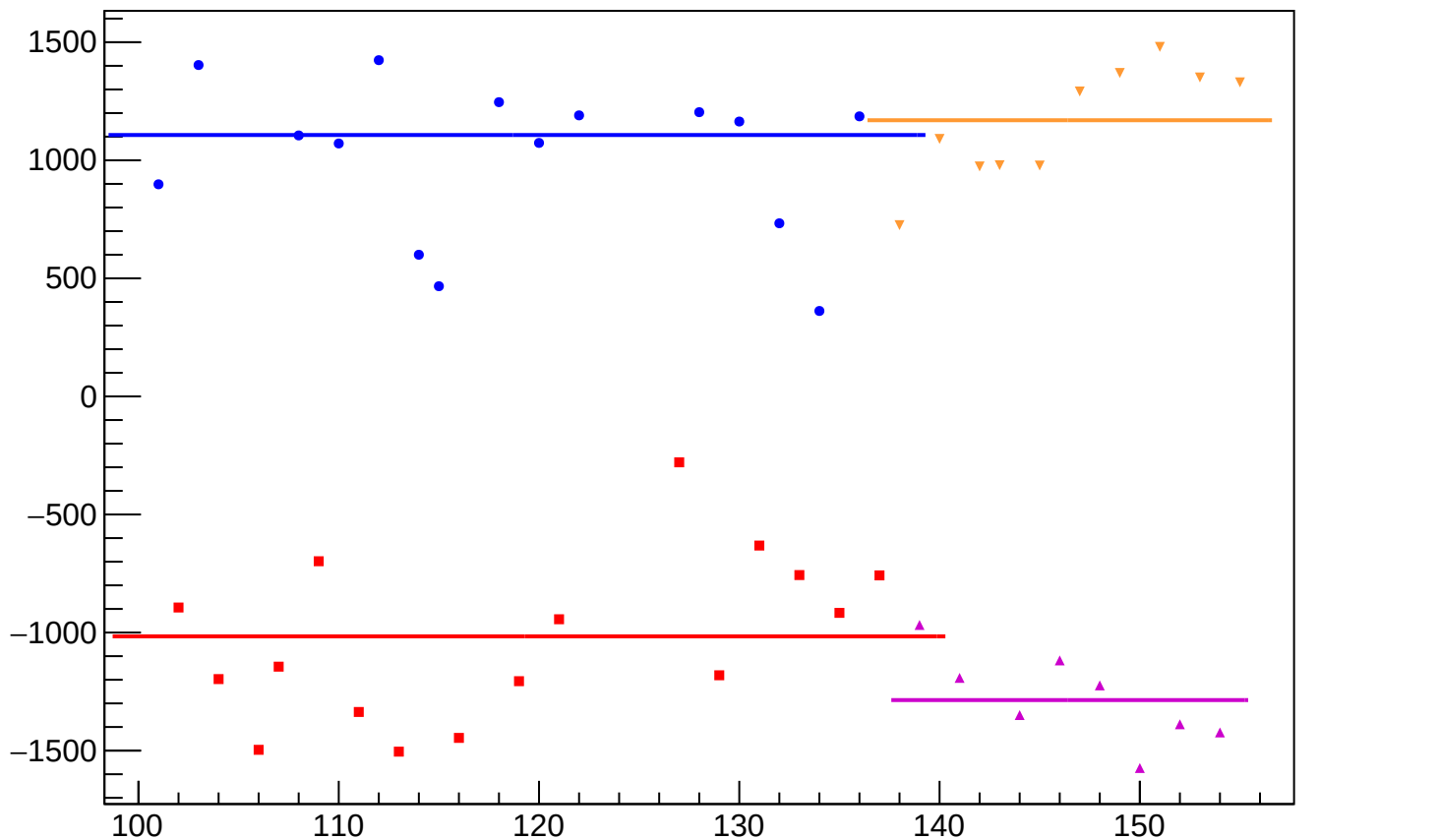
All: 344.882+/-0.000 χ^2/NDF : 577345847582

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



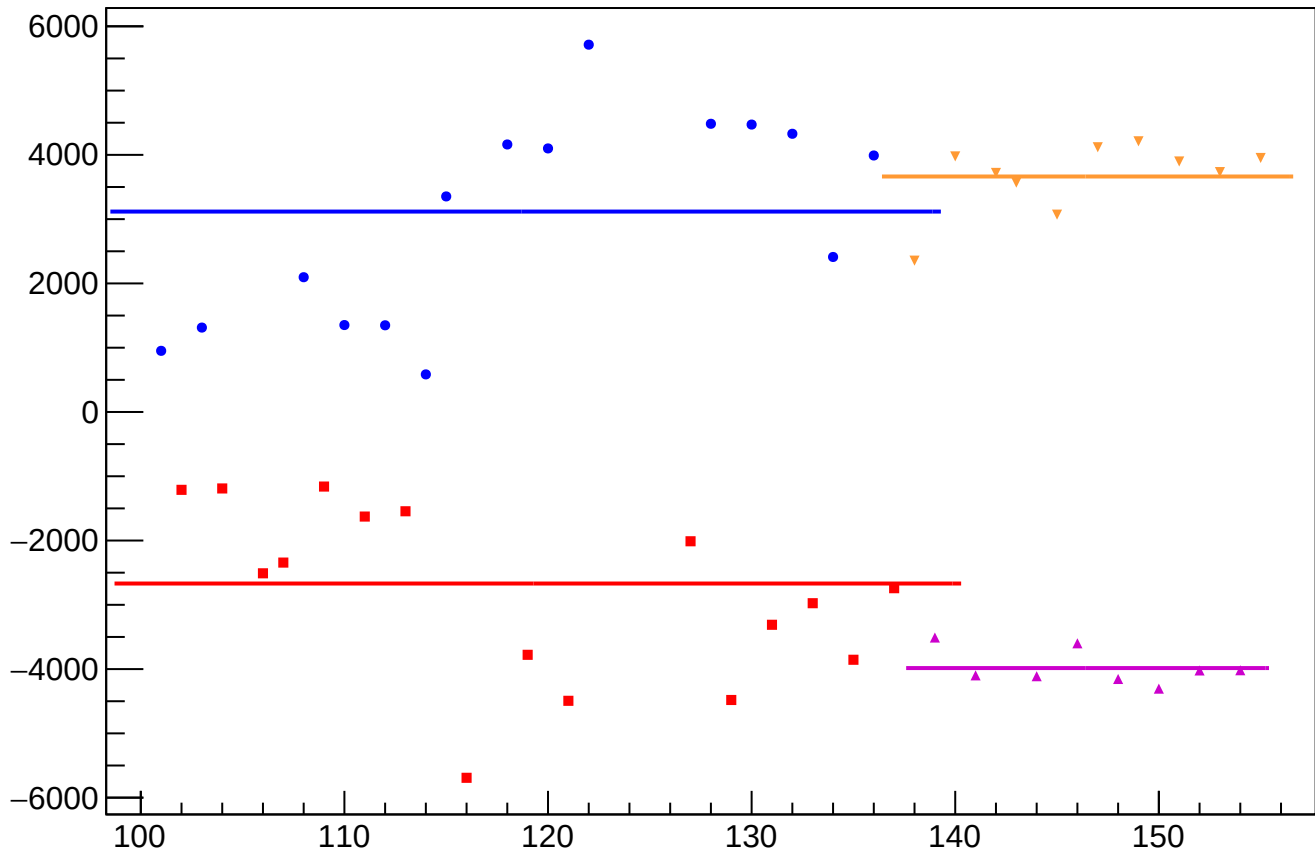
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14
 Left Out: 818.011+/-0.000 χ^2/NDF : 46772110005245182708017225145331482624.0/9
 Right Out: -1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Left In: -804.713+/-0.000 χ^2/NDF : 23676803912329734603629726057308880896.0/7
 All: 24.045+/-0.000 χ^2/NDF : 3202018606220

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



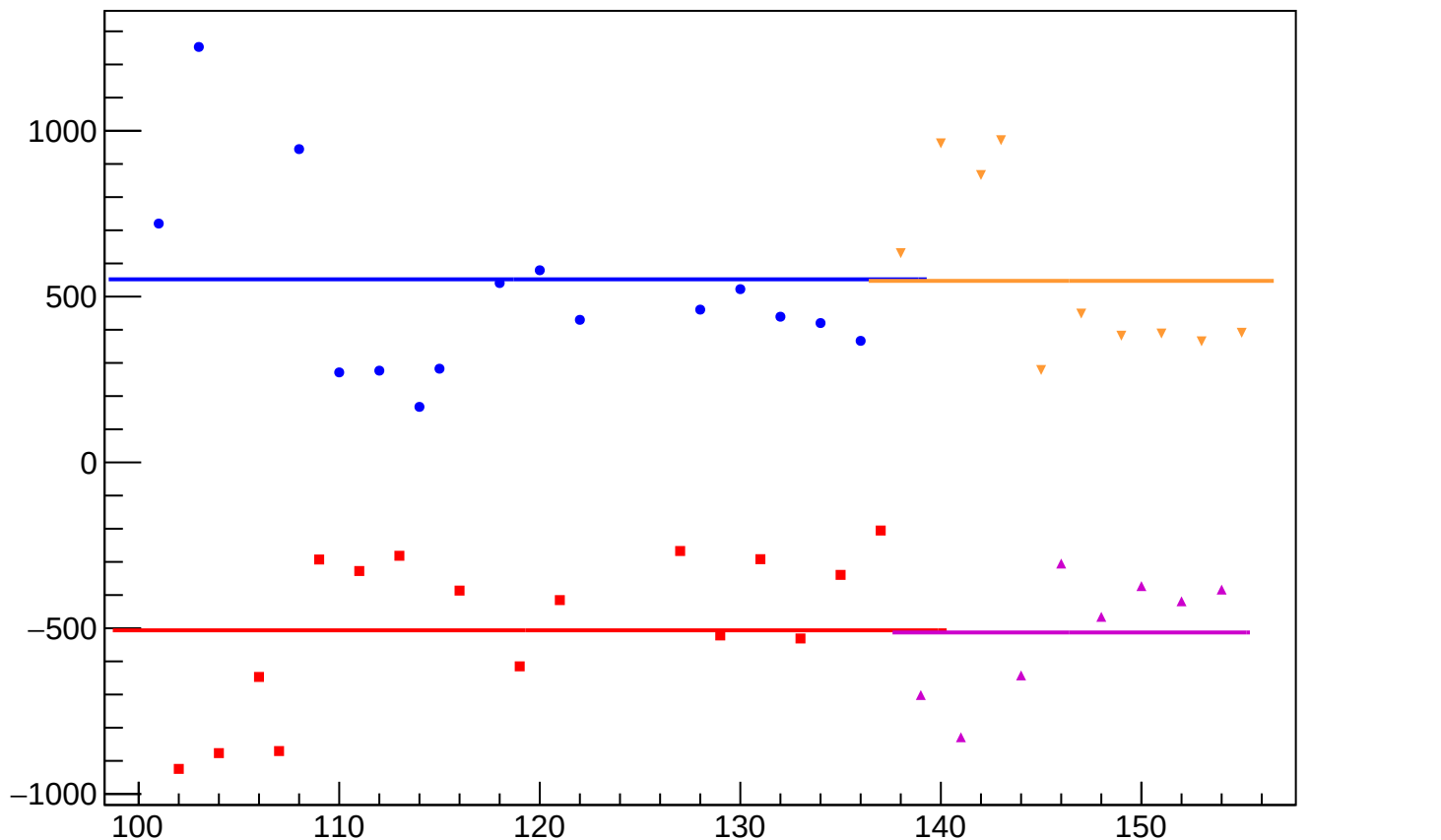
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 7256766433509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2 /NDF: 3834969500058

dit_sam3_coil4_mean vs Slug, Sign Corrected



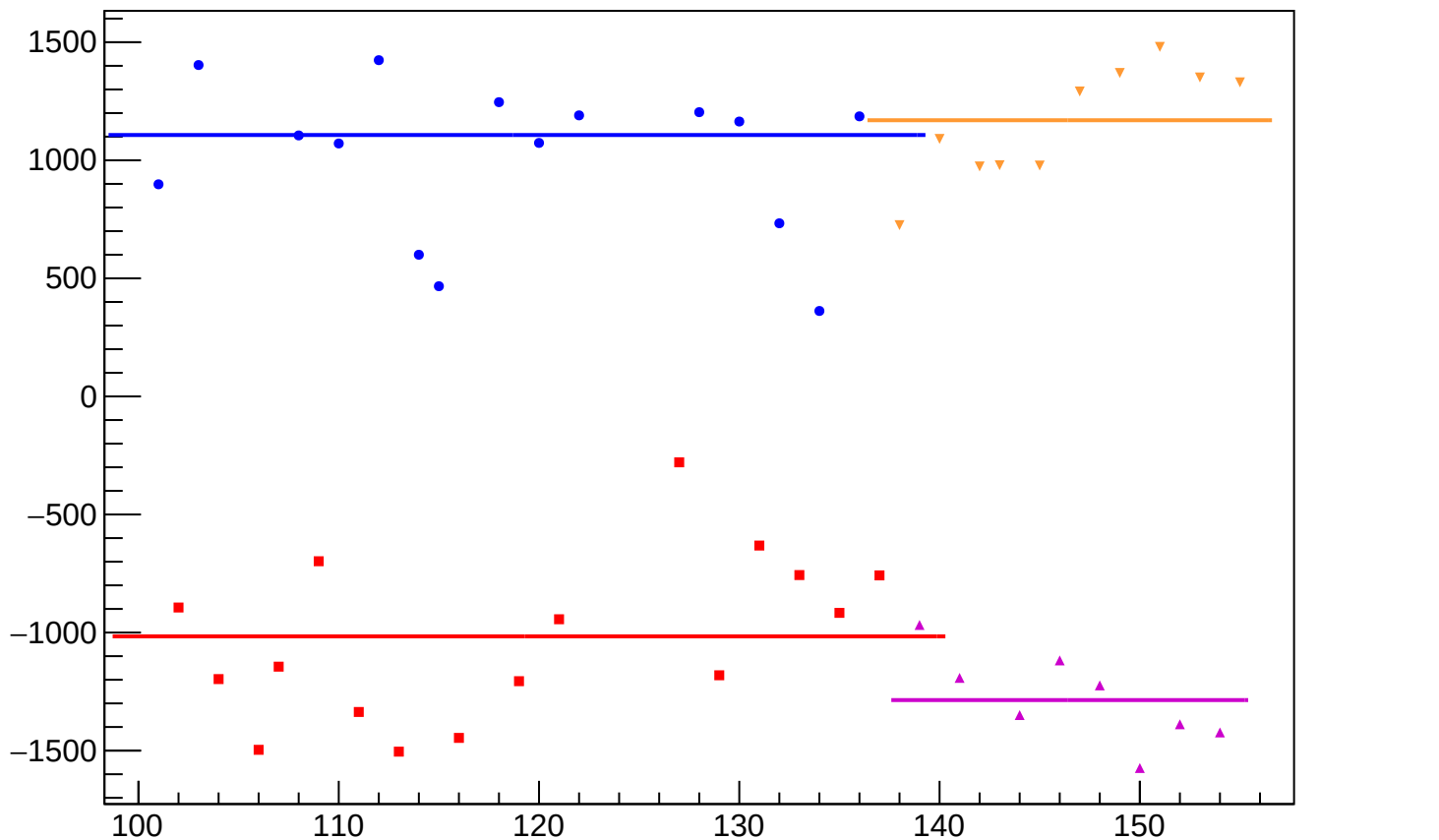
Right In: 3117.914+/-0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3663.442+/-0.000 χ^2/NDF : 223565559274839743007551630818685222912.0/9
 Right Out: -2668.794+/-0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: -3984.087+/-0.000 χ^2/NDF : 45088251973150473254530763402858463232.0/7
 All: 99.636+/-0.000 χ^2/NDF : 3509966991286

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



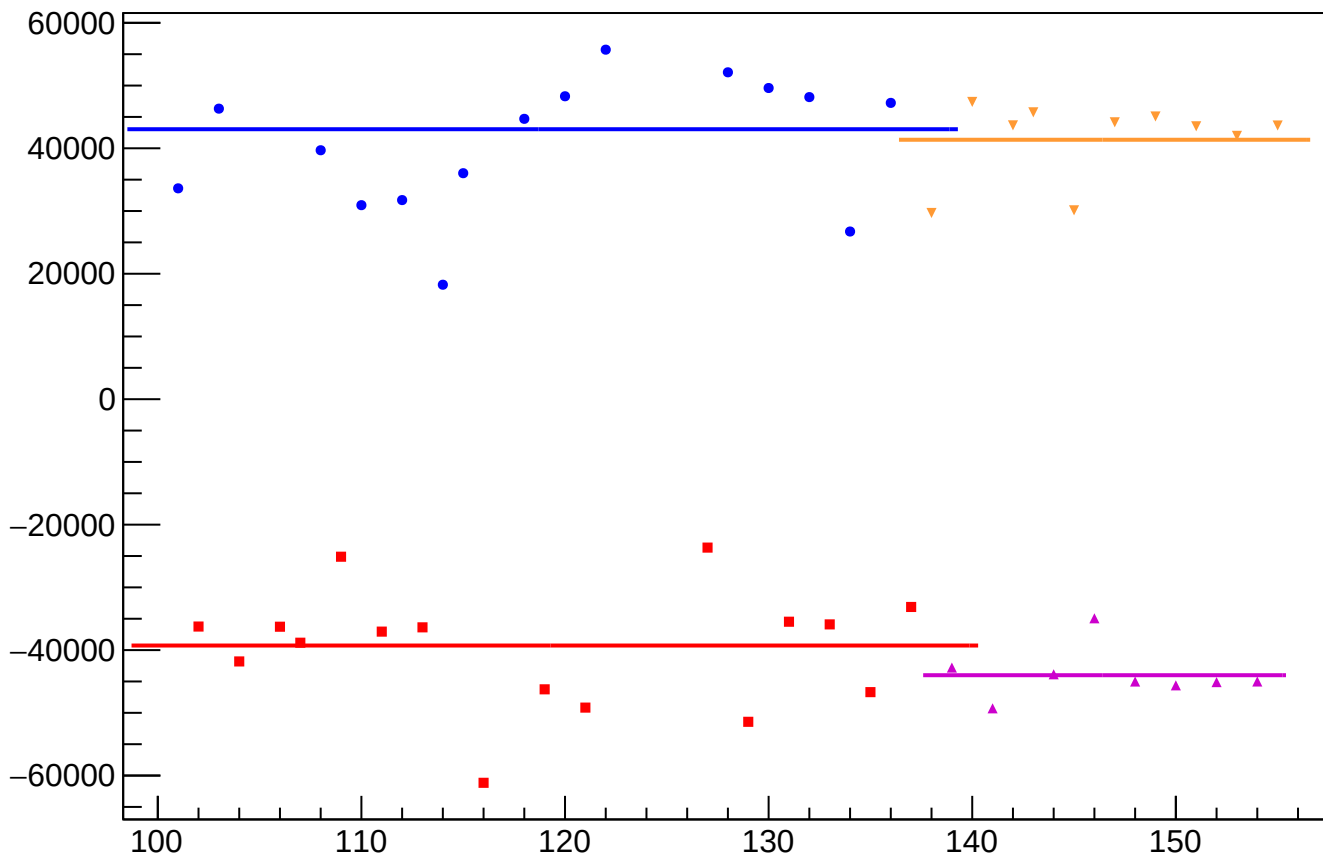
Right In: 552.108 ± 0.000 $\chi^2/\text{NDF}: 50739041741159119848523988236001869824.0/14$
 Left Out: 547.445 ± 0.000 $\chi^2/\text{NDF}: 47023394152190822540642566476583141376.0/9$
 Right Out: -506.345 ± 0.000 $\chi^2/\text{NDF}: 37181653297314883501659131806010572800.0/15$
 Left In: -512.841 ± 0.000 $\chi^2/\text{NDF}: 20666682580075803842928118122449731584.0/7$
 All: 29.751 ± 0.000 $\chi^2/\text{NDF}: 9303852081850$

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



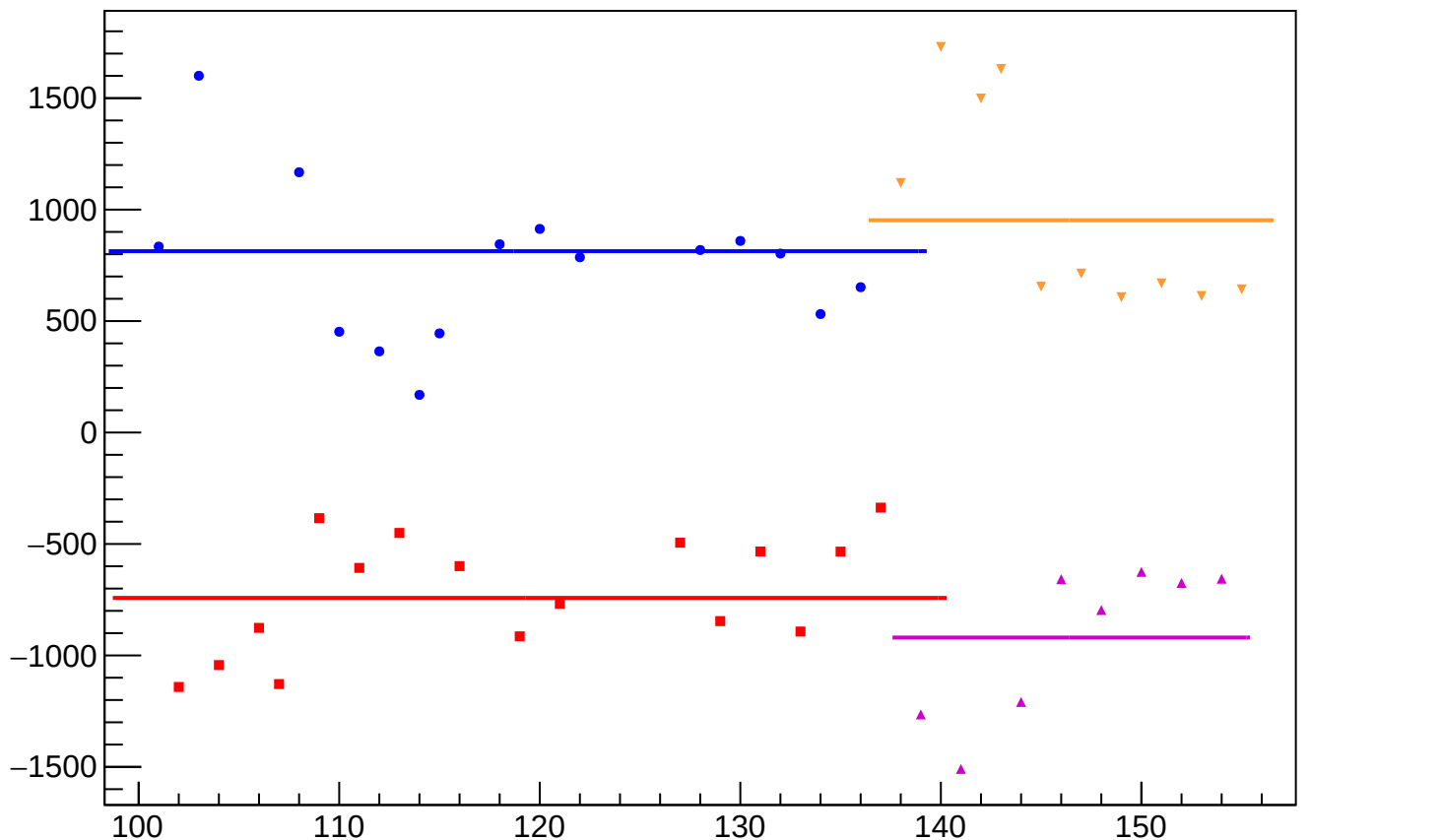
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2 /NDF: 3834969500058

dit_sam4_coil4_mean vs Slug, Sign Corrected



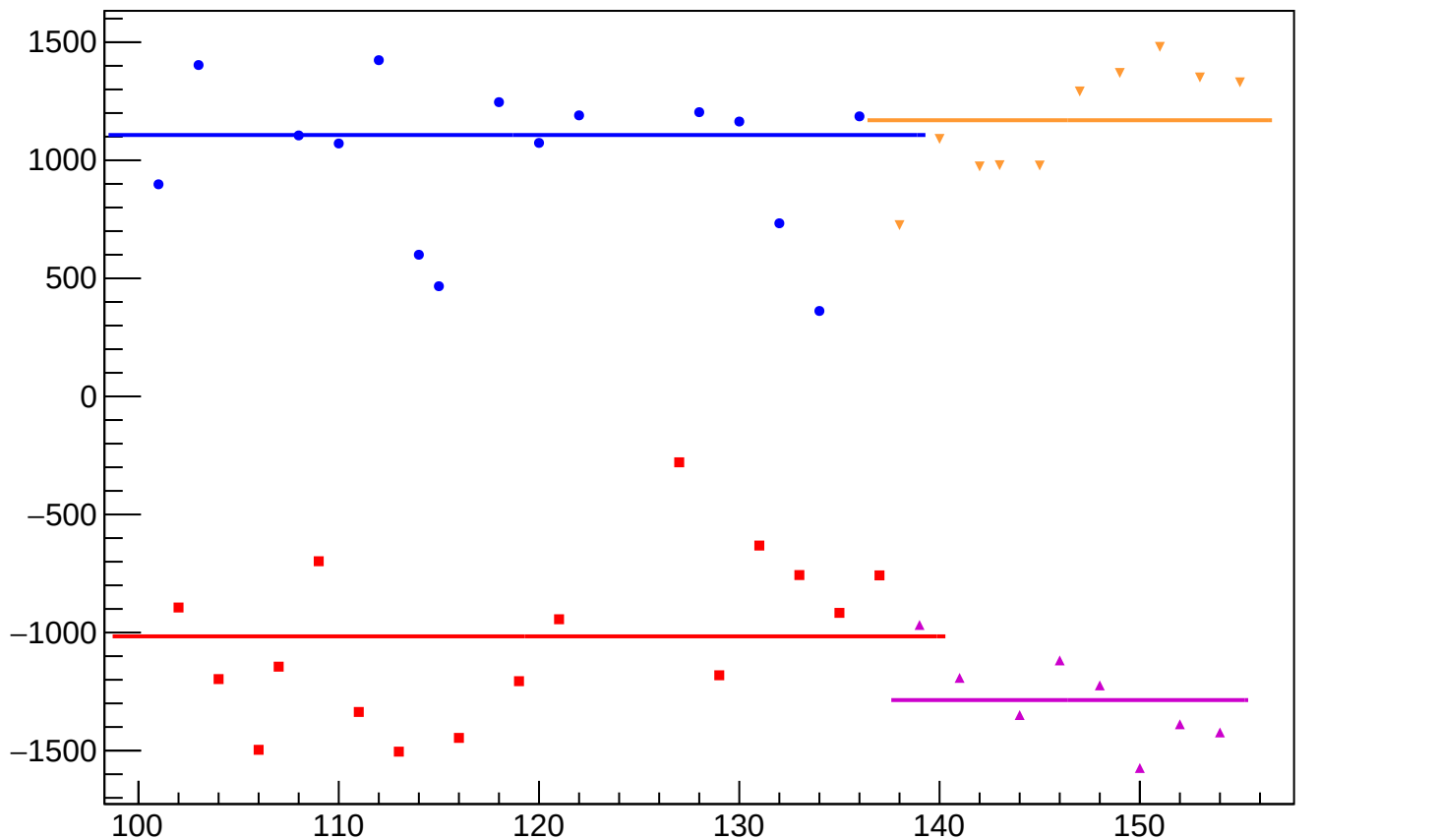
Right In: 43039.927 $\pm$ 0.000 χ^2 /NDF: 48397052922561722652666786407552179503104.0/14
 Left Out: 41360.735 $\pm$ 0.000 χ^2 /NDF: 27945517935930508962189145662951648133120.0/9
 Right Out: -39269.627 $\pm$ 0.000 χ^2 /NDF: 51873036517757666237545716605051585167360.0/15
 Left In: -44001.568 $\pm$ 0.000 χ^2 /NDF: 9840764158912402166213707672804409737216.0/7
 All: 1004.136 $\pm$ 0.000 χ^2 /NDF: 49968016111

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



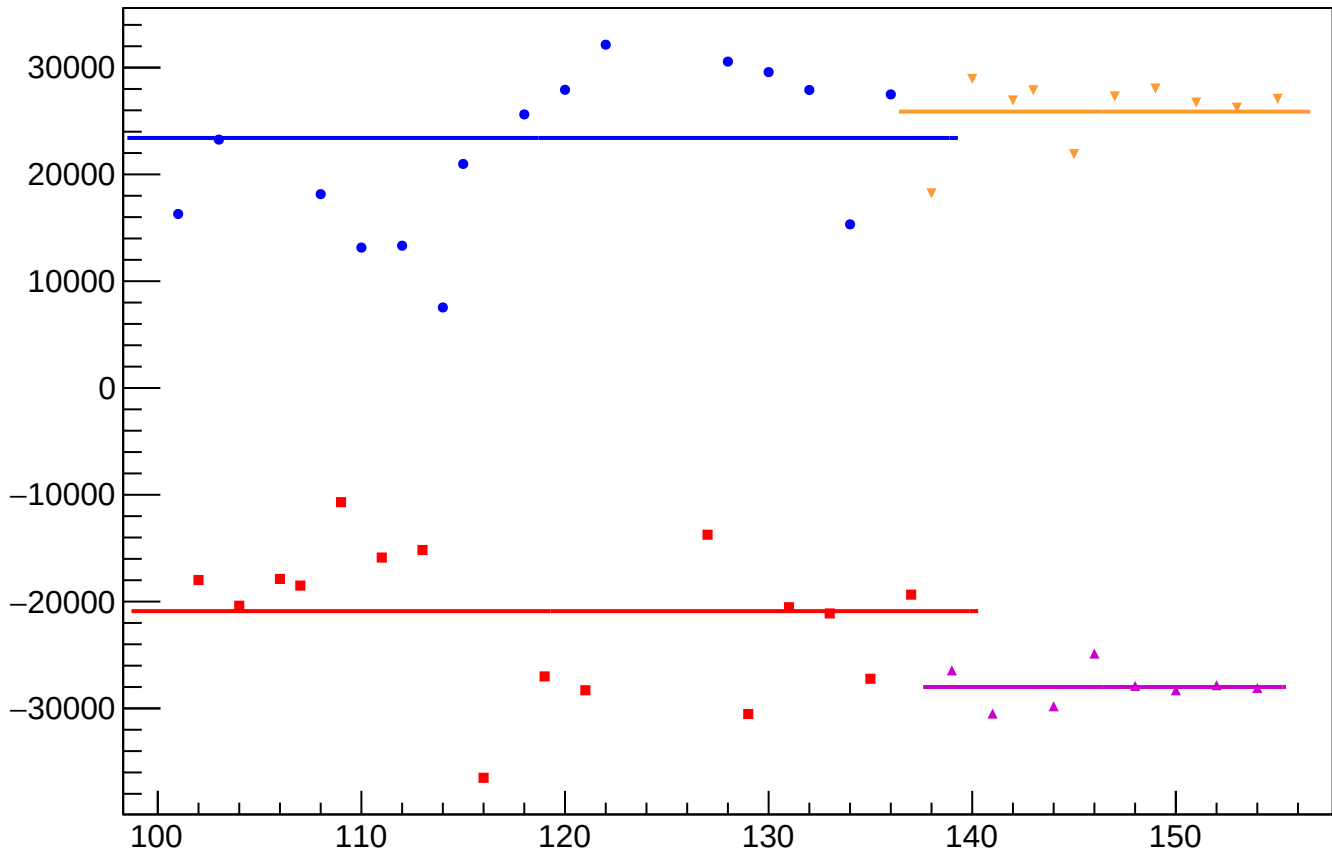
Left: 60.958+/-0.000 χ^2/NDF : 14795537040406020
 Right: 25.157+/-0.000 χ^2/NDF : 9069972726032984
 Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14
 Left Out: 952.371+/-0.000 χ^2/NDF : 141703451949241785658847658639989145600.0/9
 Right Out: -741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15
 Left In: -919.726+/-0.000 χ^2/NDF : 72891138968773669963471492239700525056.0/7
 All: 43.906+/-0.000 χ^2/NDF : 2387434298678

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



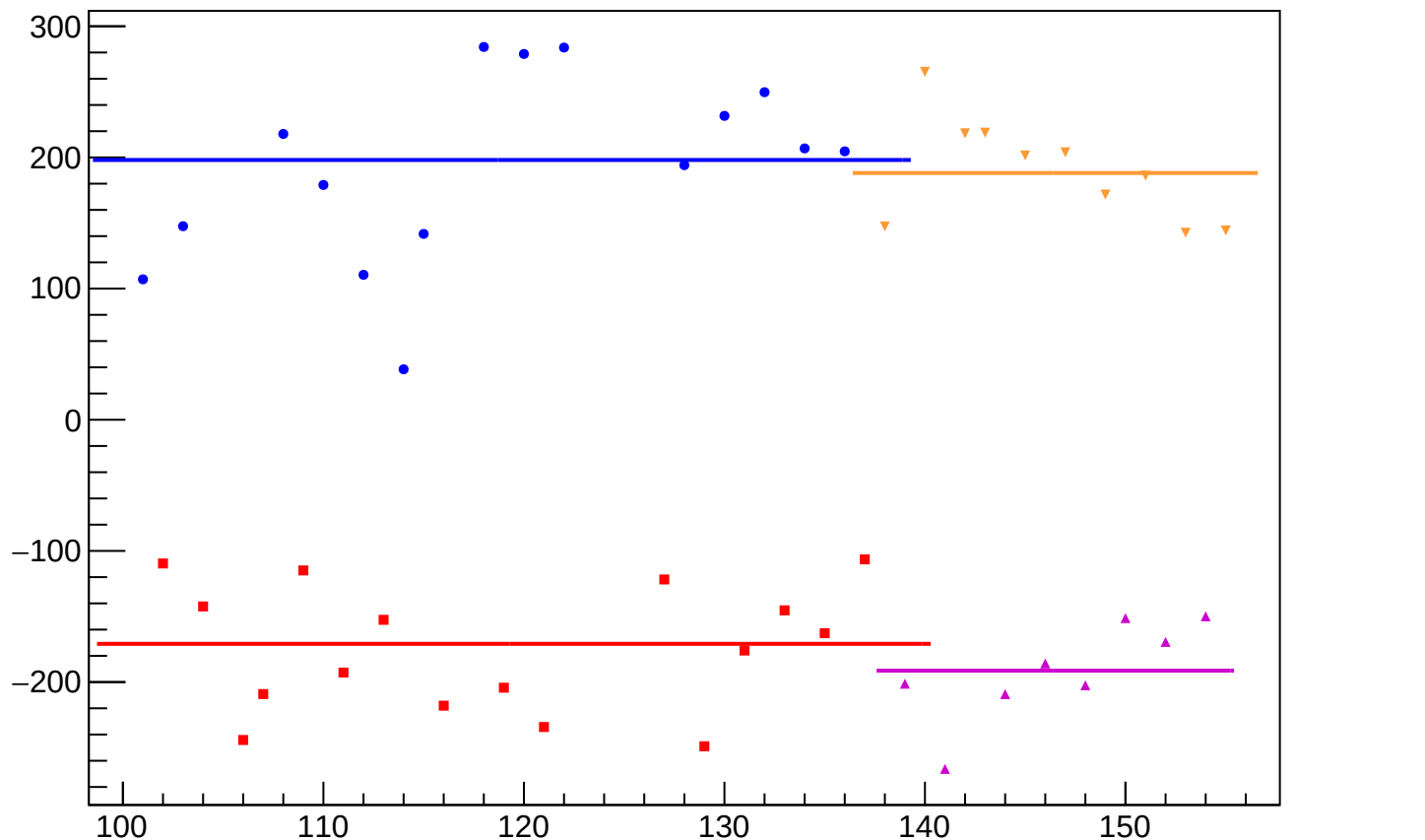
Left: 0.376 +/- 0.000 χ^2/NDF : 223833376417523006
 Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953 +/- 0.000 χ^2/NDF : 1595991371539270
 Left Out: 1169.621 +/- 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 In: -125.226 +/- 0.000 χ^2/NDF : 1976535501929842
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: 146.547 +/- 0.000 χ^2/NDF : 1807465368110770
 Left In: -1285.964 +/- 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 14.940 +/- 0.000 χ^2/NDF : 3834969500058

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506+/-0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 25877.844+/-0.000 χ^2/NDF : 7674991806701220321255440572208889462784.0/9
 Right Out: -20894.122+/-0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: -27995.122+/-0.000 χ^2/NDF : 1837384243381318110533116738382793277440.0/7
 All: 573.454+/-0.000 χ^2/NDF : 175893682949

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 198.056+/-0.000

χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 188.146+/-0.000

χ^2/NDF : 1109417096309273618184722063397224448.0/9

Right Out: -170.851+/-0.000

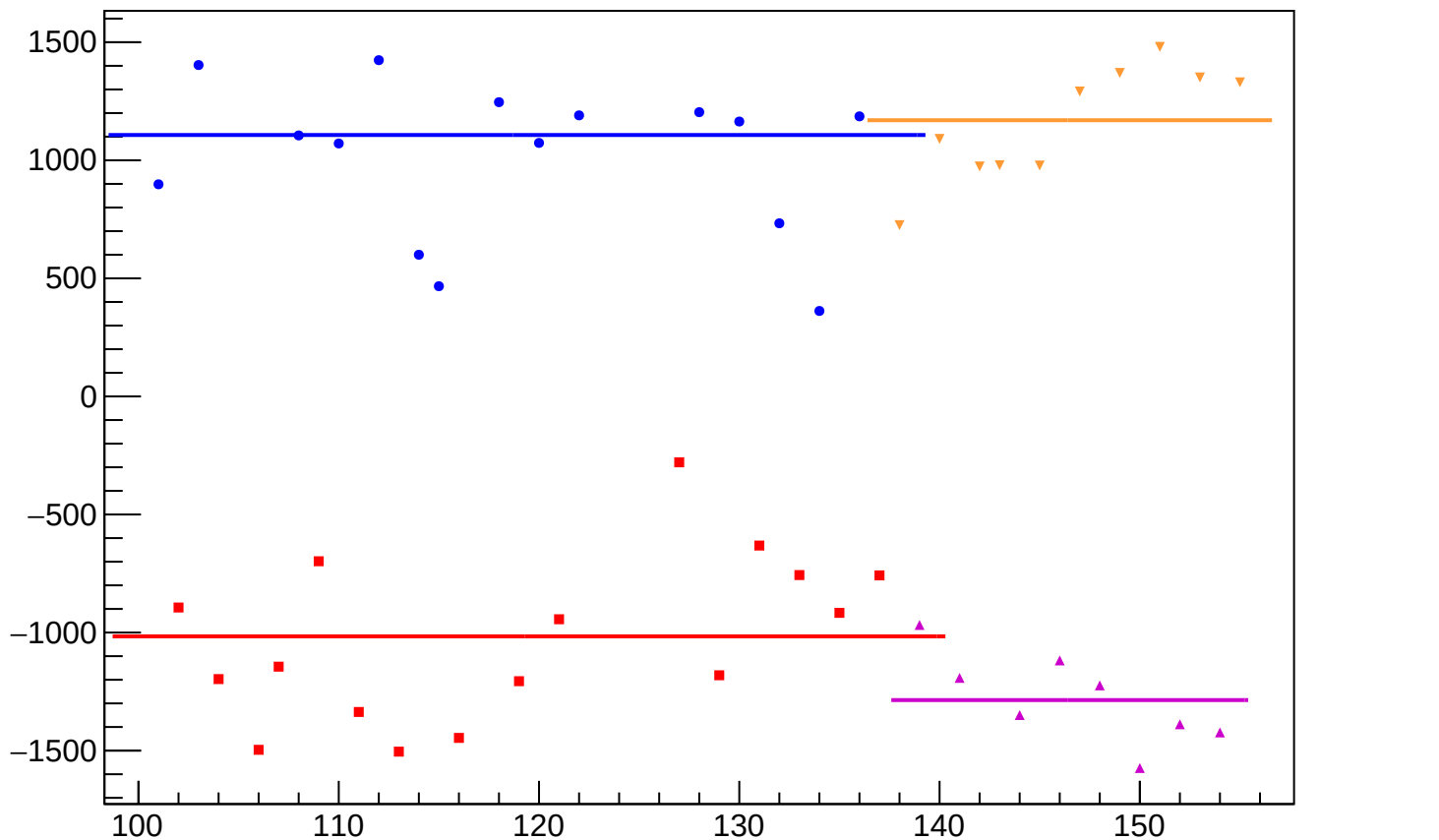
χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: -191.298+/-0.000

χ^2/NDF : 867237000139561822513043970994470912.0/7

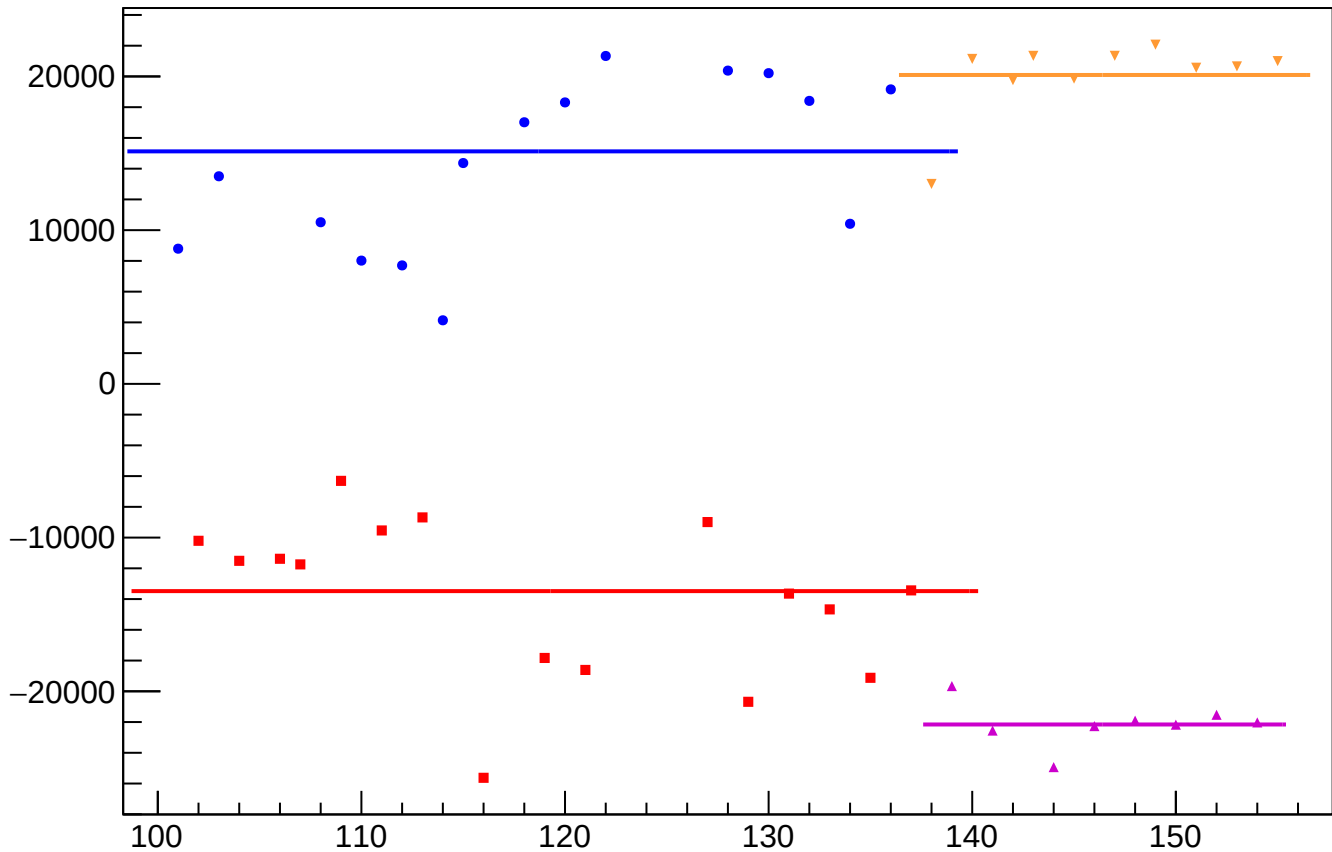
Left: 7.471+/-0.000 χ^2/NDF : 539420971526494664.0/14
 Right: 11.079+/-0.000 χ^2/NDF : 4866728486717223.0/14
 In: -2.441+/-0.000 χ^2/NDF : 540137053238000297.0/14
 Out: 20.110+/-0.000 χ^2/NDF : 48253719128916583.0/14
 All: 9.190+/-0.000 χ^2/NDF : 10261835427770.0/14

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



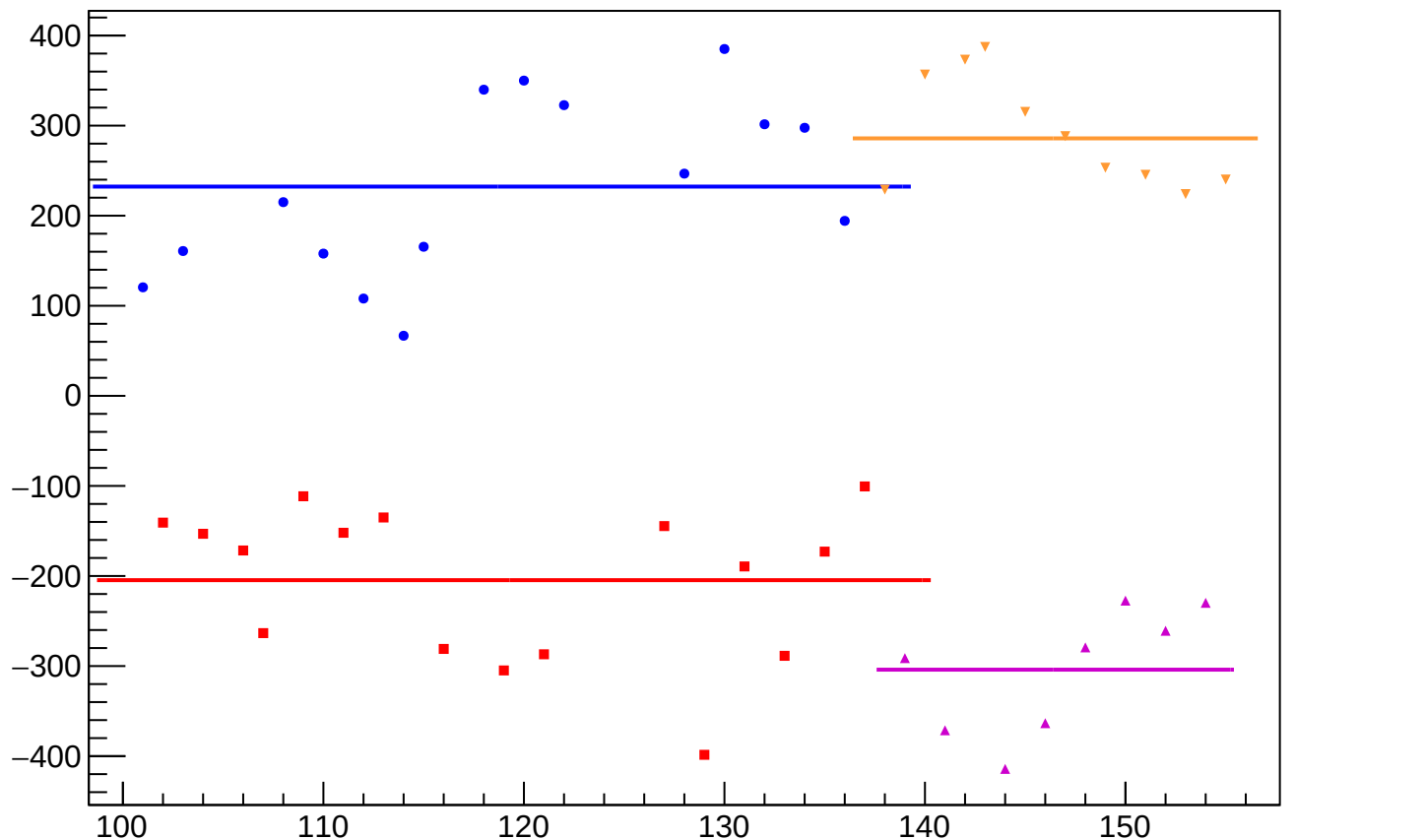
Left: 0.376 ± 0.000 $\chi^2/\text{NDF}: 223833376417523006$
 Right In: 1107.052 ± 0.000 $\chi^2/\text{NDF}: 40633831787810179240542210398269472768.0/14$
 Right: 30.953 ± 0.000 $\chi^2/\text{NDF}: 1595991371539270$
 Left Out: 1169.621 ± 0.000 $\chi^2/\text{NDF}: 39887430500682482778455955268272390144.0/9$
 In: -125.226 ± 0.000 $\chi^2/\text{NDF}: 1976535501929842$
 Right Out: -1016.106 ± 0.000 $\chi^2/\text{NDF}: 72567664333509192712184310037150171136.0/15$
 Out: 146.547 ± 0.000 $\chi^2/\text{NDF}: 1807465368110770$
 Left In: -1285.964 ± 0.000 $\chi^2/\text{NDF}: 22090664618145164661890170403116023808.0/7$
 All: 14.940 ± 0.000 $\chi^2/\text{NDF}: 3834969500058$

dit_sam6_coil4_mean vs Slug, Sign Corrected



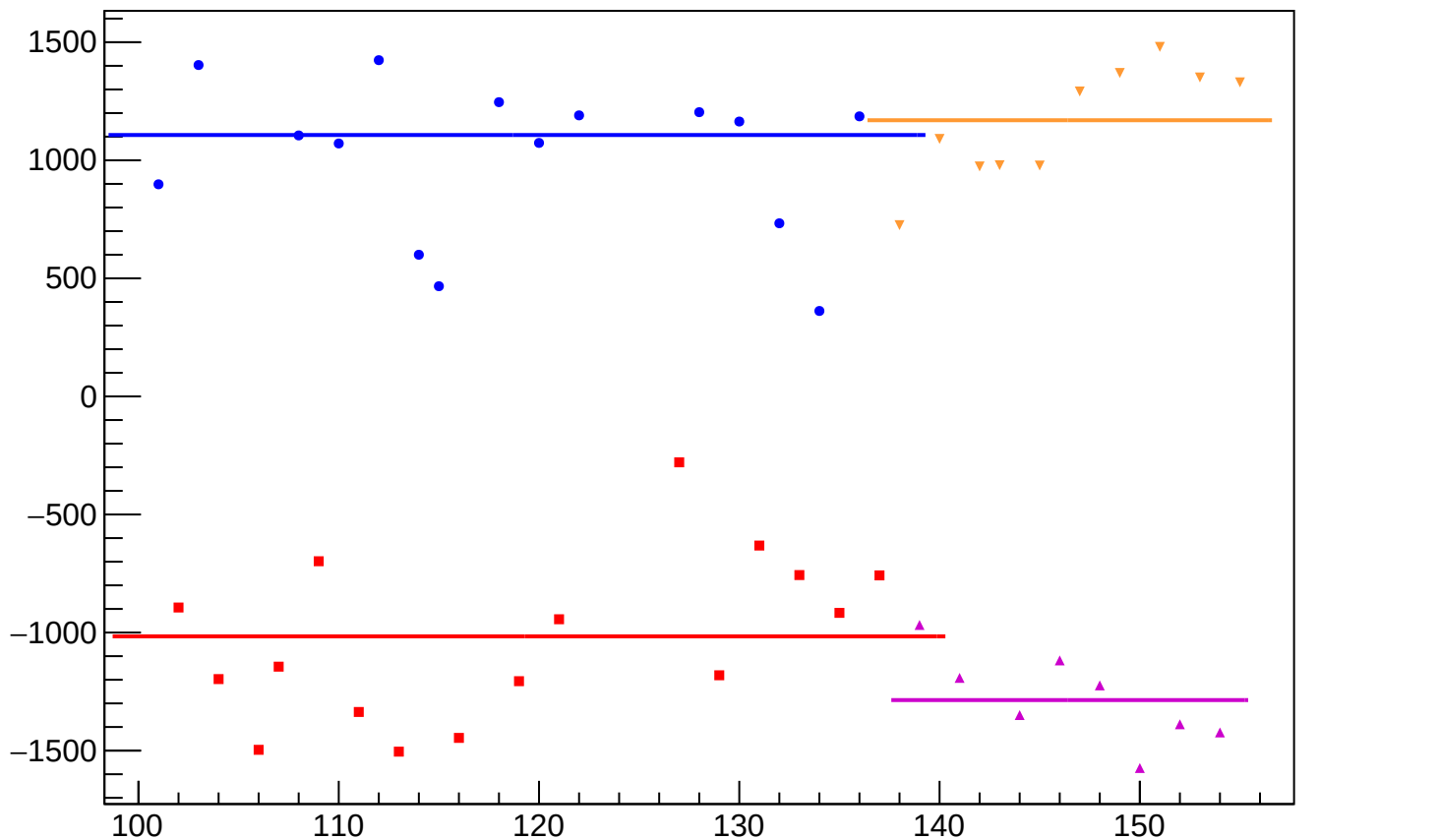
Left: -23.987+/-0.000 χ^2/NDF : 6503305770486567
 Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Right: 626.147+/-0.000 χ^2/NDF : 301736371959472
 Left Out: 20095.665+/-0.000 χ^2/NDF : 4678650821689581760344504853872563453952.0/9
 In: -4073.660+/-0.000 χ^2/NDF : 482442229040026
 Right Out: -13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Out: 4378.847+/-0.000 χ^2/NDF : 420614401596080
 Left In: -22158.525+/-0.000 χ^2/NDF : 1246098764052742054423026000695547396096.0/7
 All: 285.668+/-0.000 χ^2/NDF : 952358254769

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



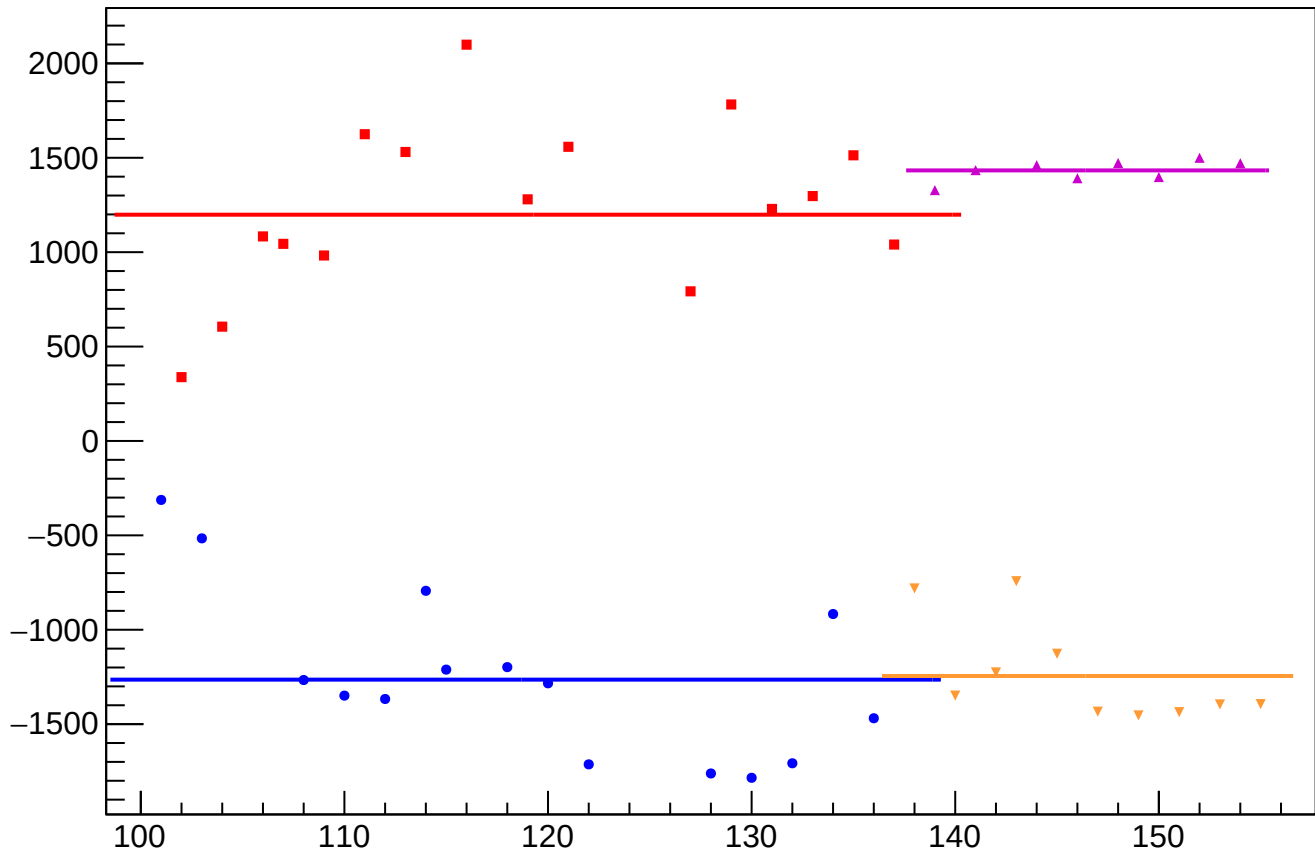
Right In: 232.312 $\pm$ 0.000 χ^2 /NDF: 5478184144885833956204804001180418048.0/14
 Left Out: 285.846 $\pm$ 0.000 χ^2 /NDF: 2483232411095436593298161830388039680.0/9
 Right Out: -204.637 $\pm$ 0.000 χ^2 /NDF: 4555067046835230017930882867882098688.0/15
 Left In: -304.005 $\pm$ 0.000 χ^2 /NDF: 3010046132873450963648275297708539904.0/7
 All: 7.778 $\pm$ 0.000 χ^2 /NDF: 20392787102279

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 0.376 ± 0.000 $\chi^2/\text{NDF}: 223833376417523006$
 Right In: 1107.052 ± 0.000 $\chi^2/\text{NDF}: 40633831787810179240542210398269472768.0/14$
 Right: 30.953 ± 0.000 $\chi^2/\text{NDF}: 1595991371539270$
 Left Out: 1169.621 ± 0.000 $\chi^2/\text{NDF}: 39887430500682482778455955268272390144.0/9$
 In: -125.226 ± 0.000 $\chi^2/\text{NDF}: 1976535501929842$
 Right Out: -1016.106 ± 0.000 $\chi^2/\text{NDF}: 72567664333509192712184310037150171136.0/15$
 Out: 146.547 ± 0.000 $\chi^2/\text{NDF}: 1807465368110770$
 Left In: -1285.964 ± 0.000 $\chi^2/\text{NDF}: 22090664618145164661890170403116023808.0/7$
 All: 14.940 ± 0.000 $\chi^2/\text{NDF}: 3834969500058$

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303+/-0.000

Left Out: -1244.978+/-0.000

Right Out: 1198.483+/-0.000

Left In: 1433.144+/-0.000

χ^2/NDF : 140215251538502657549173994543931981824.0/14

χ^2/NDF : 48669407607193198286815135188417249280.0/9

χ^2/NDF : 131164763898016793515492217696167133184.0/15

χ^2/NDF : 1856615275060051006531629265289478144.0/7

Left: 30.230+/-0.000 χ^2/NDF : 26392192520781863

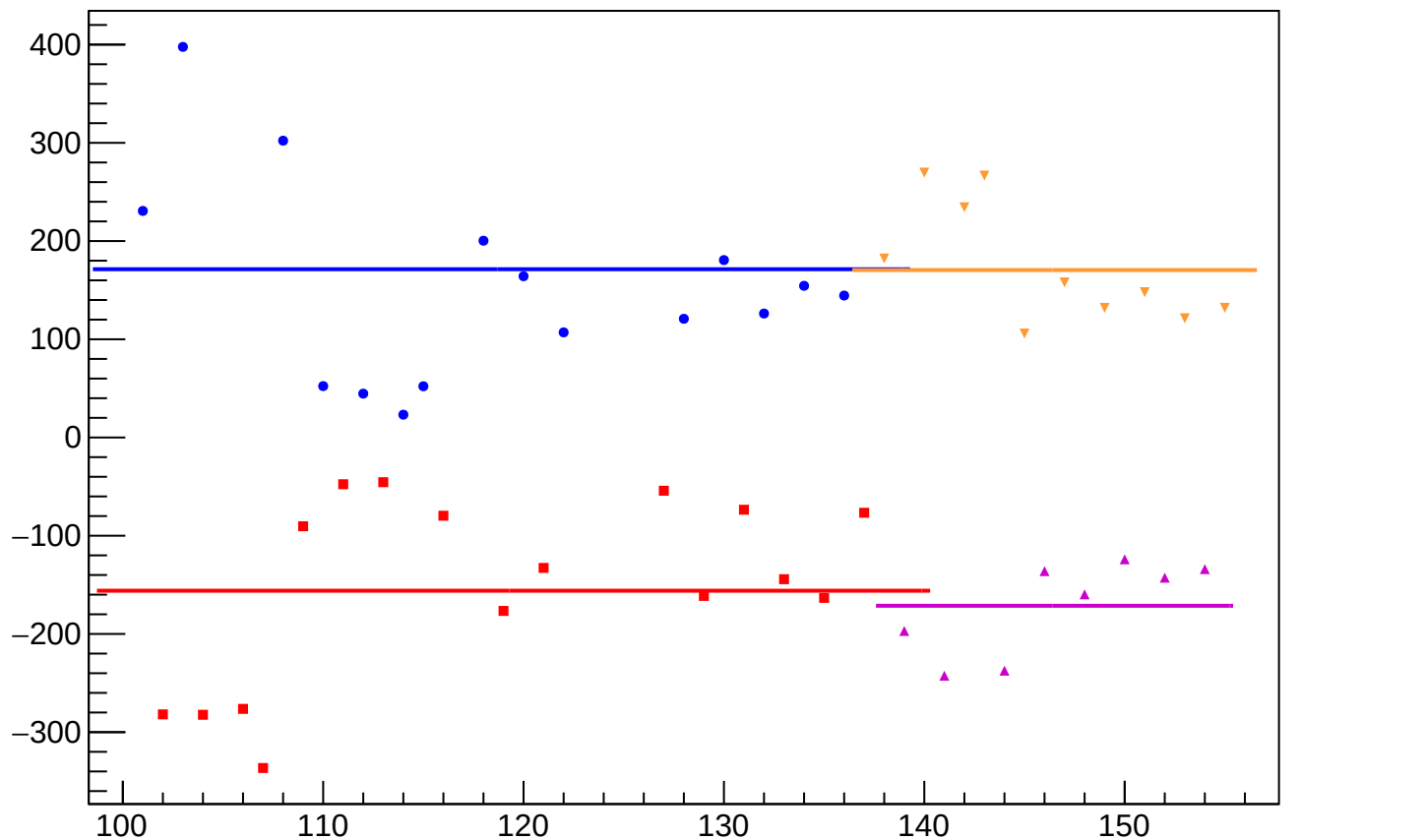
Right: -16.067+/-0.000 χ^2/NDF : 226649511001664

In: 124.741+/-0.000 χ^2/NDF : 25737907362561110

Out: -101.267+/-0.000 χ^2/NDF : 229815259919134

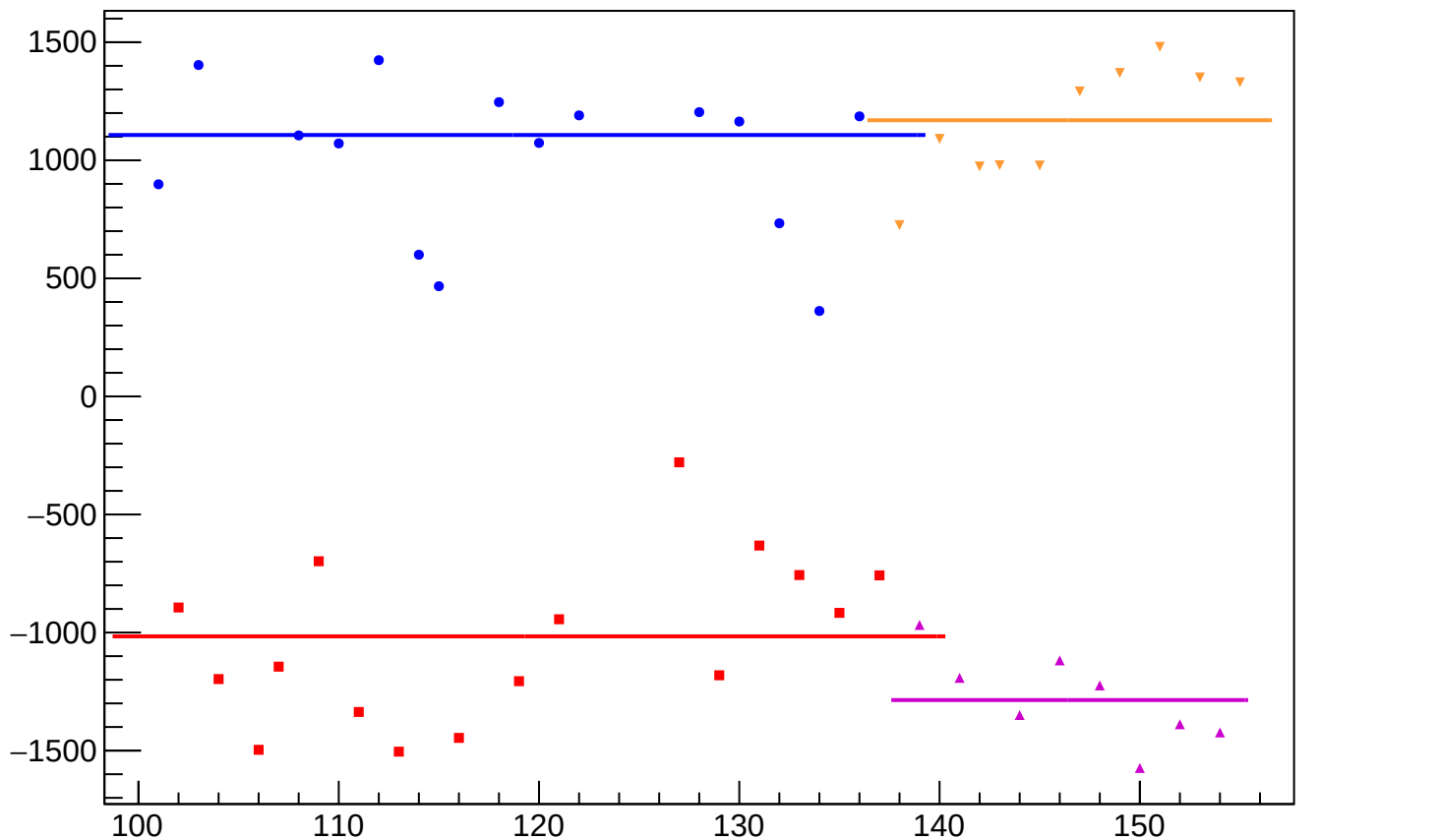
All: 8.179+/-0.000 χ^2/NDF : 49071915649777

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



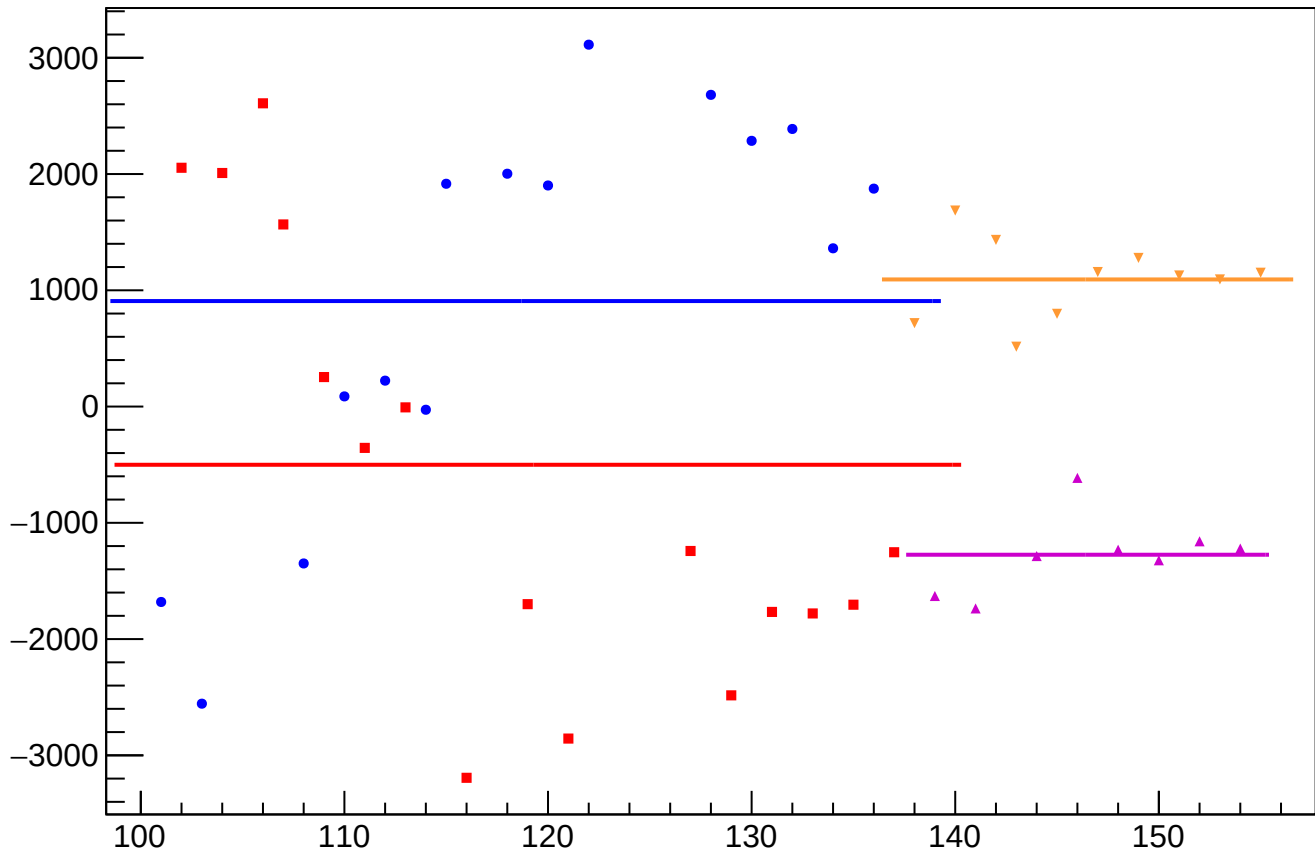
Right In: 171.323 $\pm$ 0.000 χ^2 /NDF: 6120975075187305509795143064993398784.0/14
 Left Out: 170.474 $\pm$ 0.000 χ^2 /NDF: 2462102376103567646626548821941813248.0/9
 Right Out: -155.993 $\pm$ 0.000 χ^2 /NDF: 5680659281504595852021524727244783616.0/15
 Left In: -171.305 $\pm$ 0.000 χ^2 /NDF: 1386211182138287032135874460164030464.0/7
 All: 6.634 $\pm$ 0.000 χ^2 /NDF: 93055758242652

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



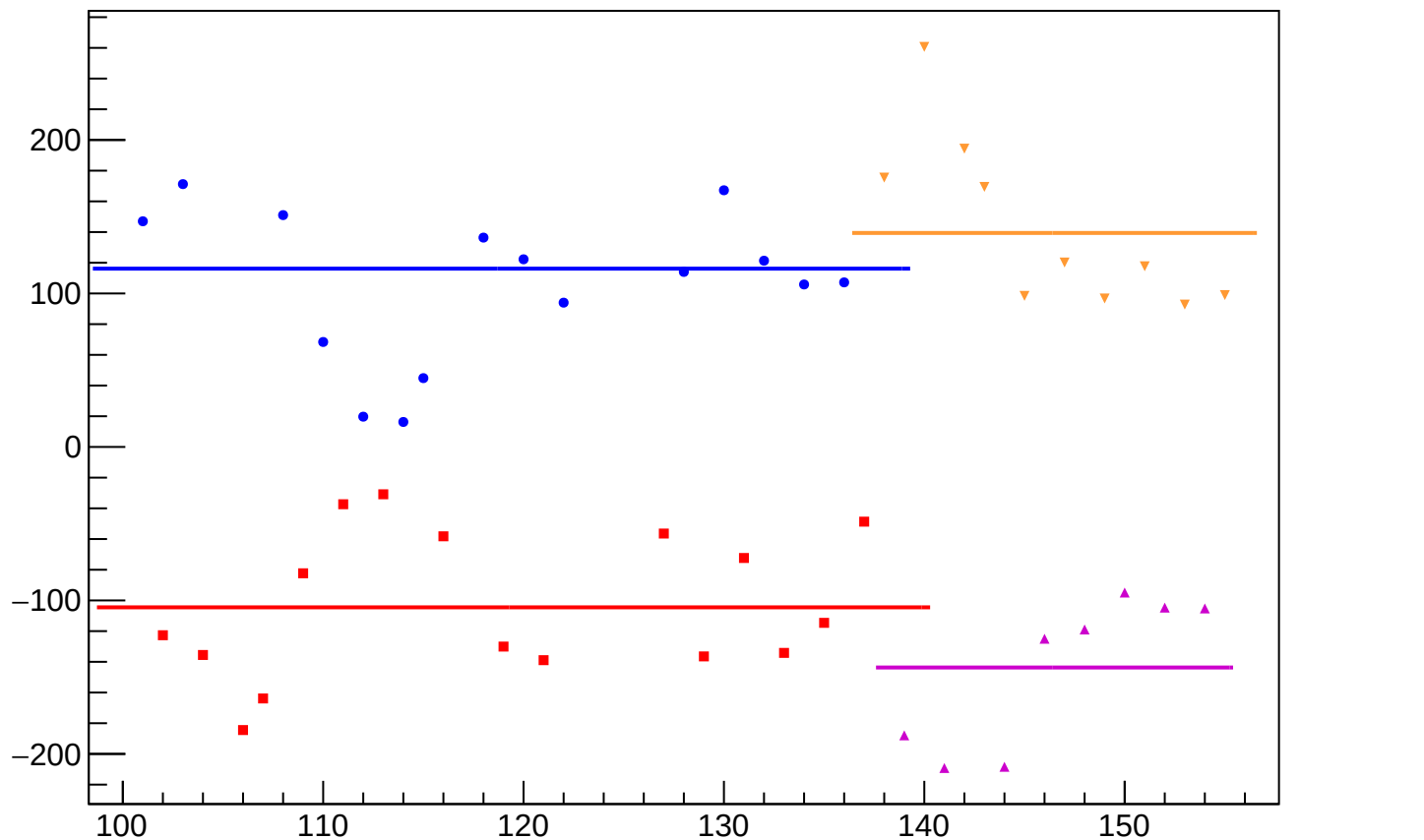
Left: 0.376 $\pm$ 0.000 χ^2/NDF : 223833376417523006
 Right In: 1107.052 $\pm$ 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953 $\pm$ 0.000 χ^2/NDF : 1595991371539270
 Left Out: 1169.621 $\pm$ 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 In: -125.226 $\pm$ 0.000 χ^2/NDF : 1976535501929842
 Right Out: -1016.106 $\pm$ 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: 146.547 $\pm$ 0.000 χ^2/NDF : 1807465368110770
 Left In: -1285.964 $\pm$ 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 14.940 $\pm$ 0.000 χ^2/NDF : 3834969500058

dit_sam8_coil4_mean vs Slug, Sign Corrected



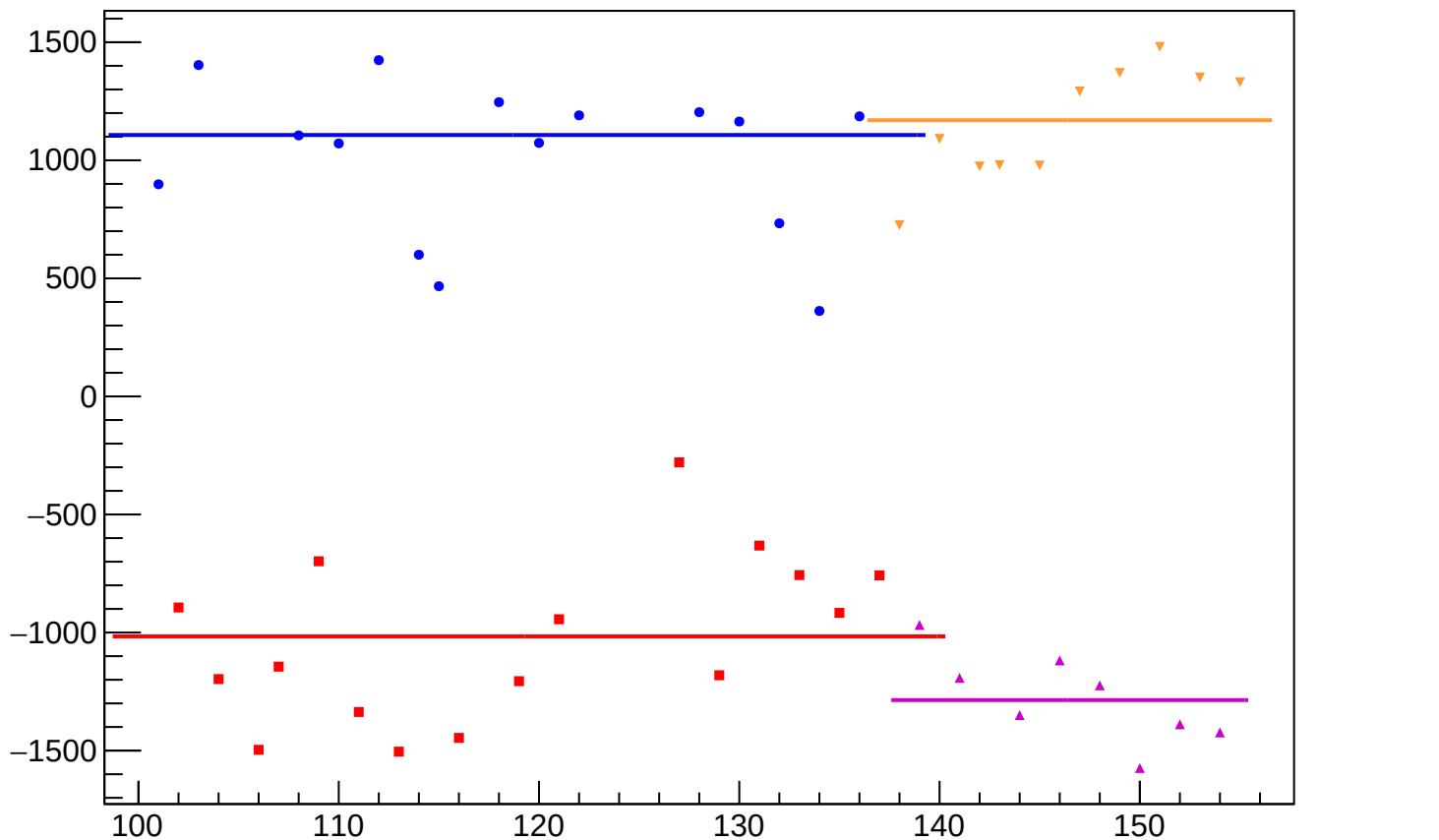
Right In: 907.442+/-0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14
 Left Out: 1093.415+/-0.000 χ^2/NDF : 78195057834498995325644419946615144448.0/9
 Right Out: -500.689+/-0.000 χ^2/NDF : 2074232918749953174436803426379074895872.0/15
 Left In: -1274.539+/-0.000 χ^2/NDF : 66400012427178597488047480815478636544.0/7
 All: 74.420+/-0.000 χ^2/NDF : 7037870814465

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



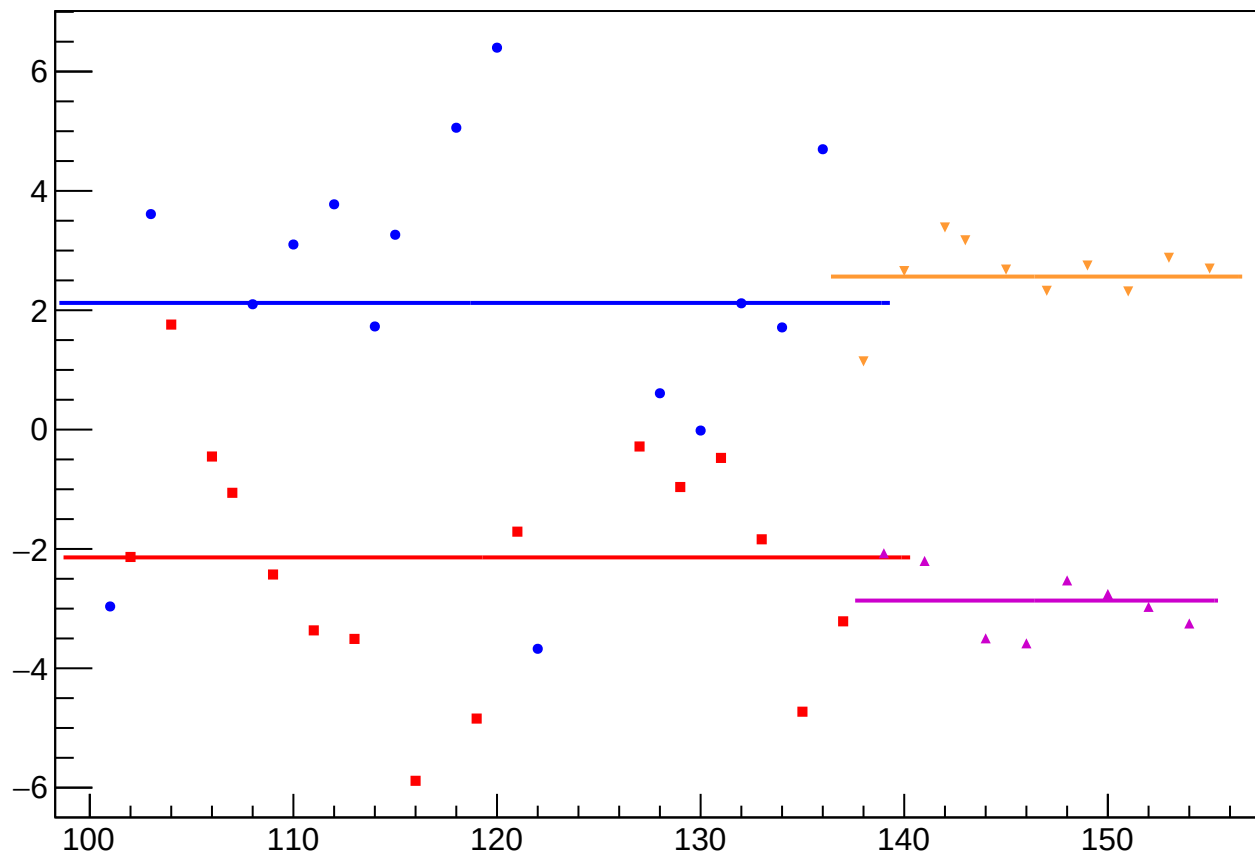
Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 139.420+/-0.000 χ^2/NDF : 2176155267265765197760365202639945728.0/9
 Right Out: -104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: -143.700+/-0.000 χ^2/NDF : 1457076061780516329125599731467157504.0/7
 All: 4.472+/-0.000 χ^2/NDF : 51064916270695

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



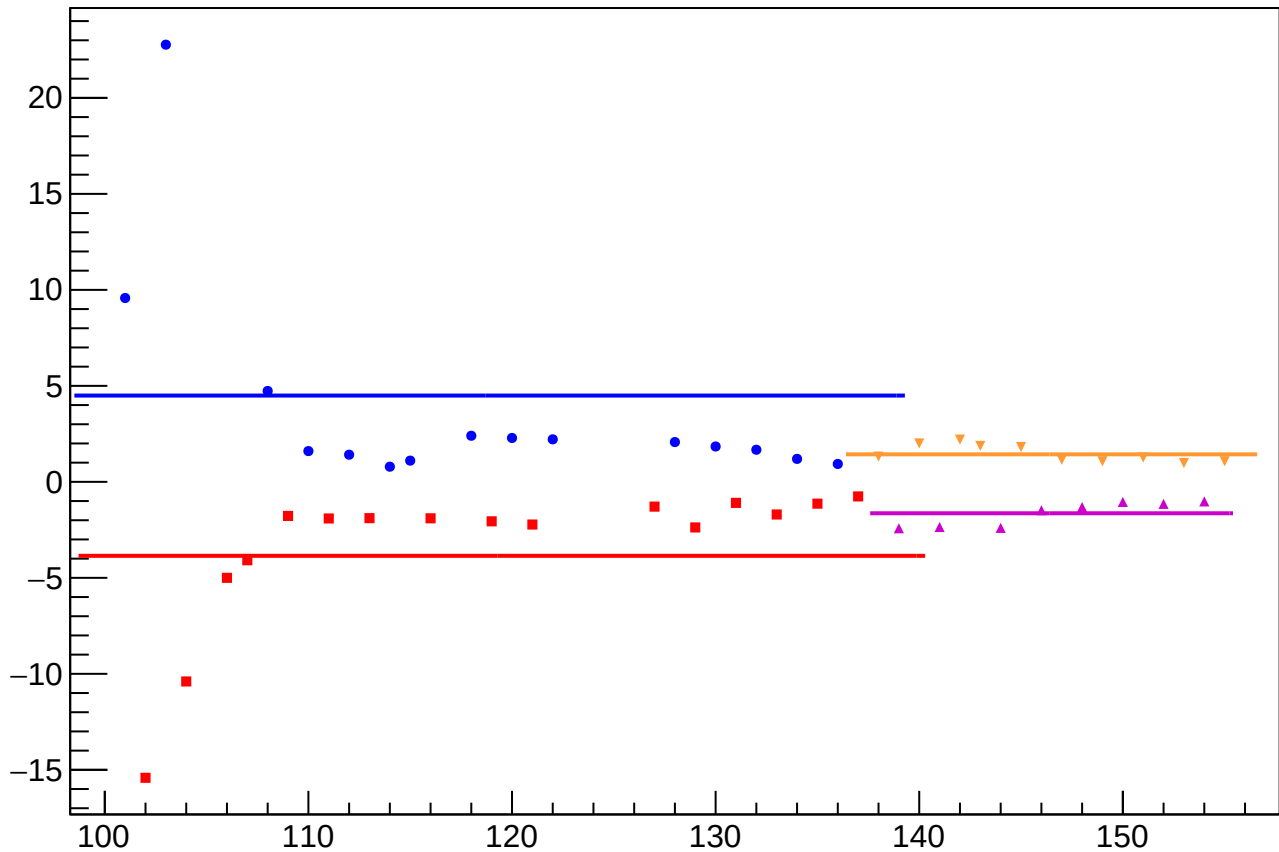
Left: 0.376 ± 0.000 $\chi^2/\text{NDF}: 223833376417523006$
 Right In: 1107.052 ± 0.000 $\chi^2/\text{NDF}: 40633831787810179240542210398269472768.0/14$
 Left Out: 1169.621 ± 0.000 $\chi^2/\text{NDF}: 39887430500682482778455955268272390144.0/9$
 Right Out: -1016.106 ± 0.000 $\chi^2/\text{NDF}: 72567664333509192712184310037150171136.0/15$
 Left In: -1285.964 ± 0.000 $\chi^2/\text{NDF}: 22090664618145164661890170403116023808.0/7$
 All: 14.940 ± 0.000 $\chi^2/\text{NDF}: 3834969500058$

dit_4aX_coil6_mean vs Slug, Sign Corrected



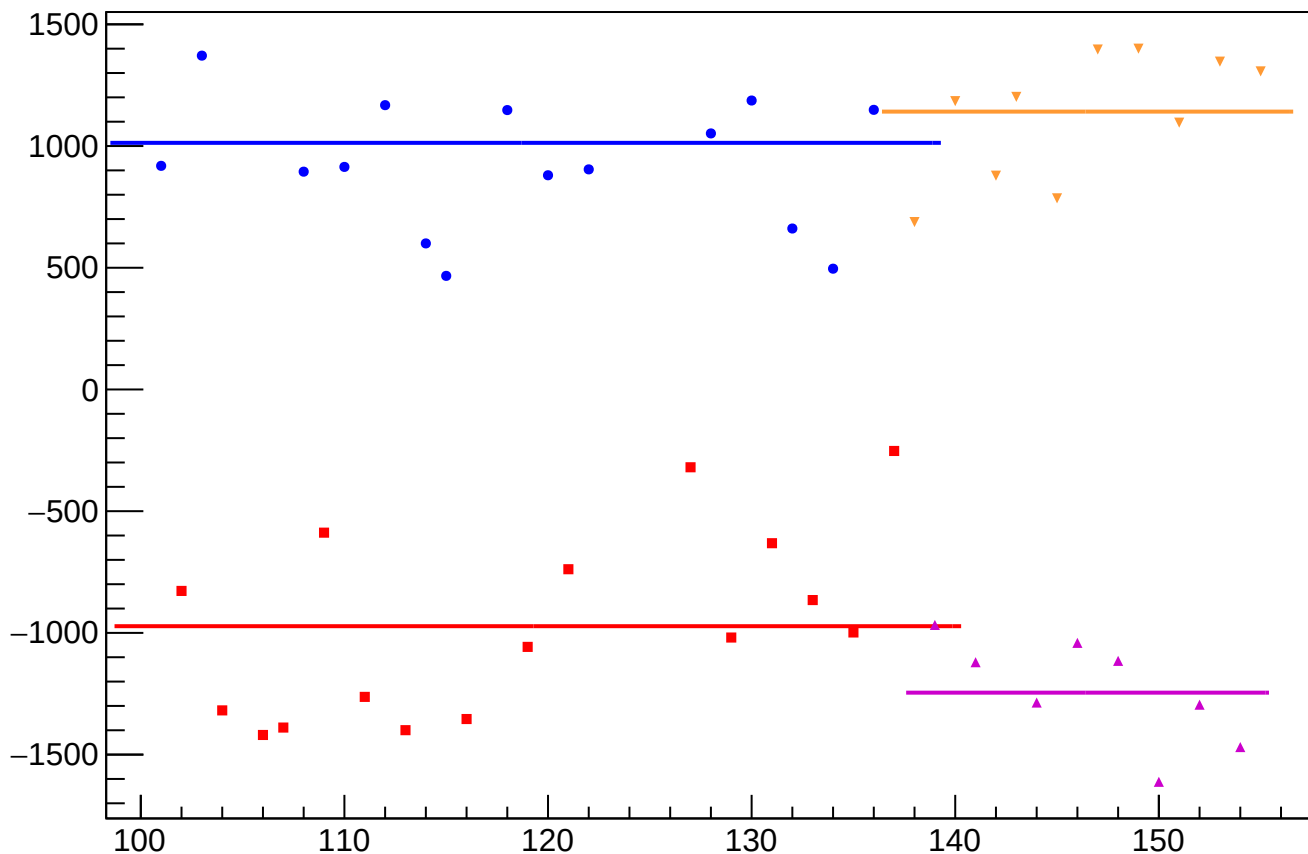
Right In: 2.123 ± 0.000 $\chi^2/\text{NDF}: 5263705922821075971022013849403392.0/14$
 Left Out: 2.564 ± 0.000 $\chi^2/\text{NDF}: 237123955019053152539124319649792.0/9$
 Right Out: -2.142 ± 0.000 $\chi^2/\text{NDF}: 2472949940993672466161692257026048.0/15$
 Left In: -2.865 ± 0.000 $\chi^2/\text{NDF}: 191411295752764839570825682092032.0/7$
 All: -0.029 ± 0.000 $\chi^2/\text{NDF}: 2478705650183$

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



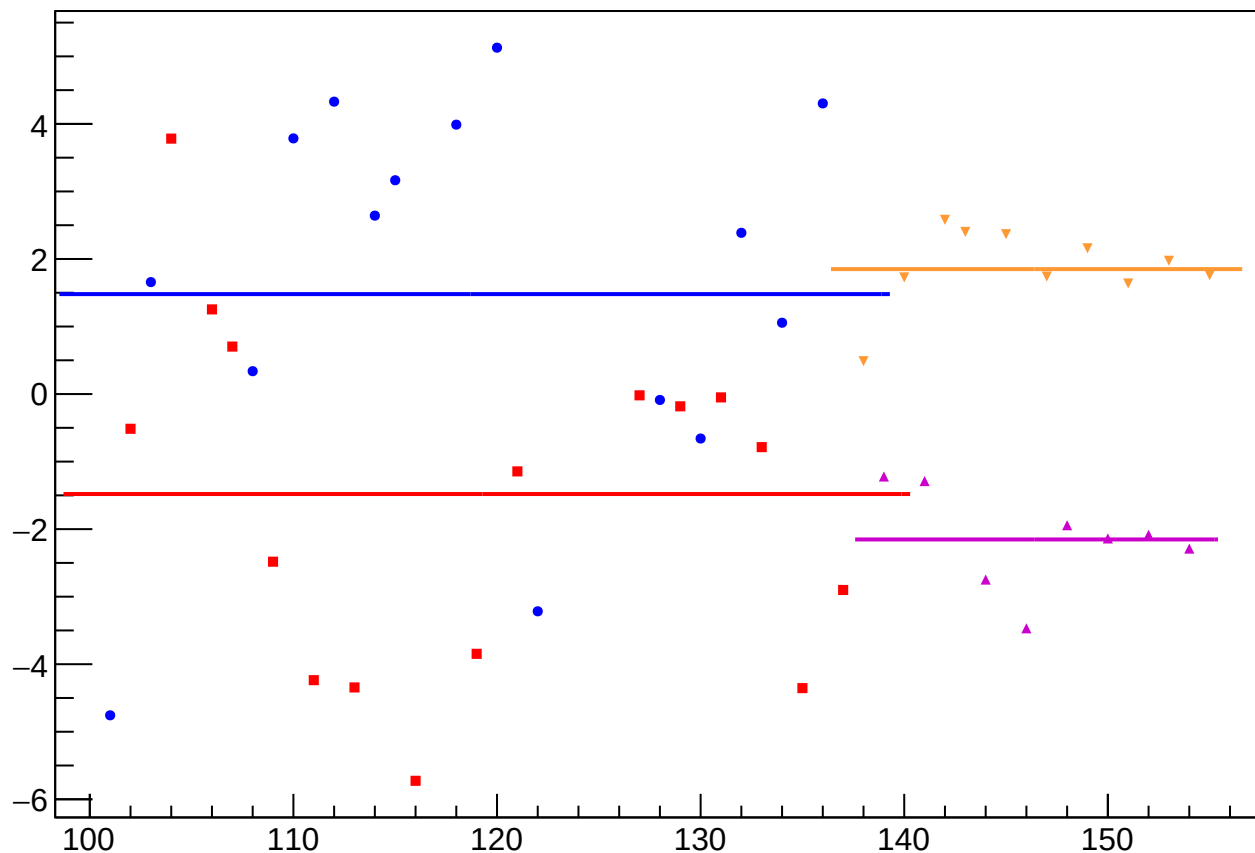
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14
 Left Out: 1.434 $\pm$ 0.000 χ^2 /NDF: 126852121870330448439832853086208.0/9
 Right Out: -3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15
 Left In: -1.637 $\pm$ 0.000 χ^2 /NDF: 241851505611519392751898104692736.0/7
 All: 0.111 $\pm$ 0.000 χ^2 /NDF: 64336705315608

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



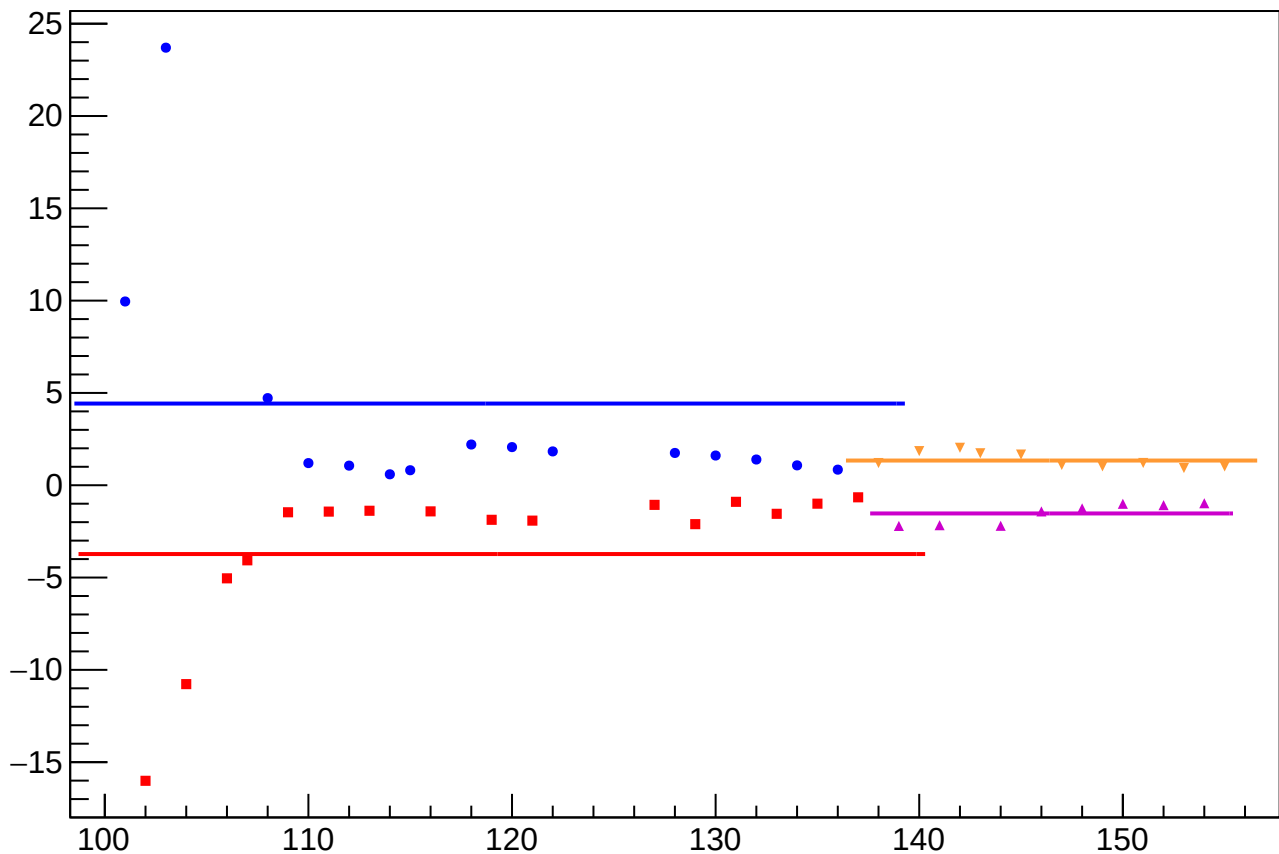
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7
 All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_4eX_coil6_mean vs Slug, Sign Corrected



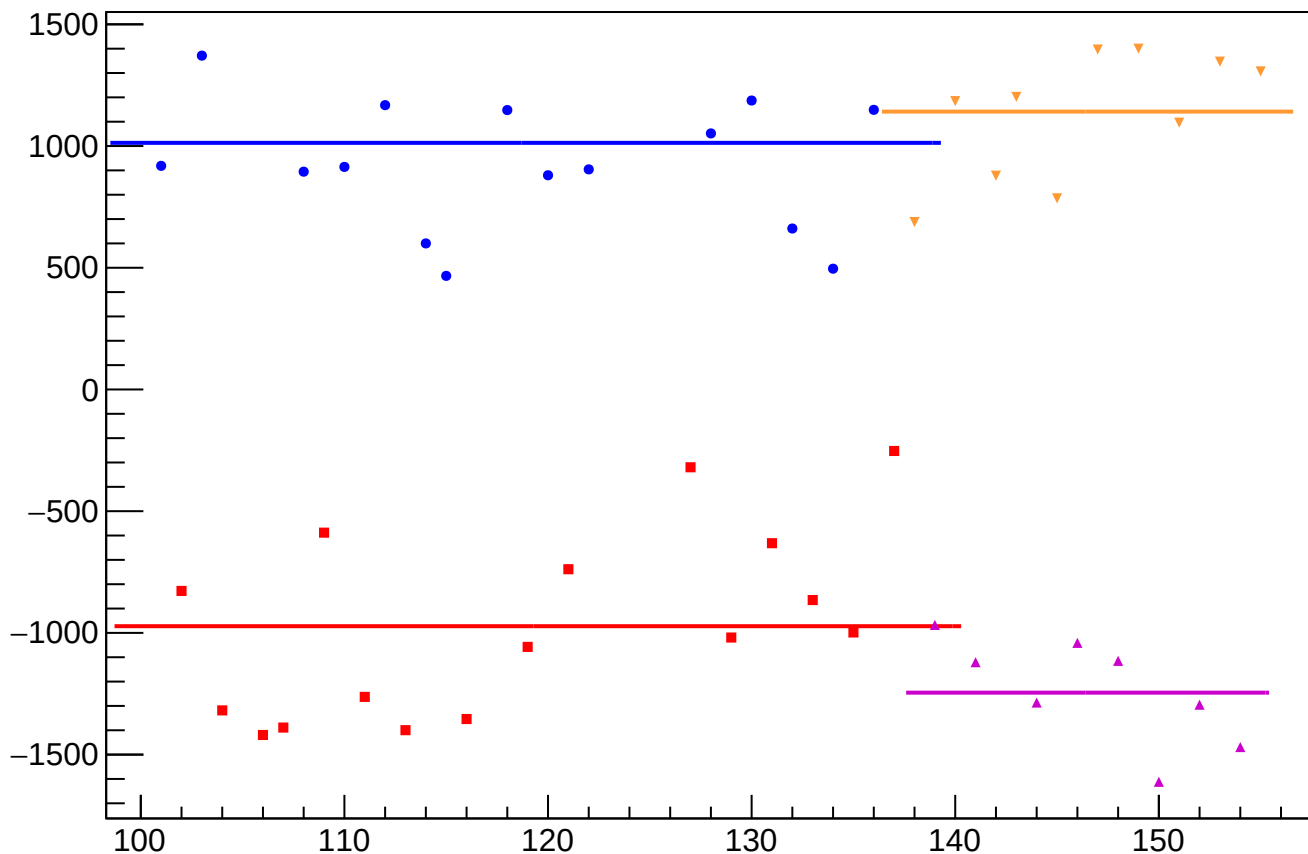
Right In: 1.480 ± 0.000 $\chi^2/\text{NDF}: 5799670695902784459055767987683328.0/14$
 Left Out: 1.850 ± 0.000 $\chi^2/\text{NDF}: 227071811850112245263666969051136.0/9$
 Right Out: -1.480 ± 0.000 $\chi^2/\text{NDF}: 4092645800613765572662987820367872.0/15$
 Left In: -2.153 ± 0.000 $\chi^2/\text{NDF}: 314738429342117203627831057186816.0/7$
 All: -0.039 ± 0.000 $\chi^2/\text{NDF}: 1910071318552$

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



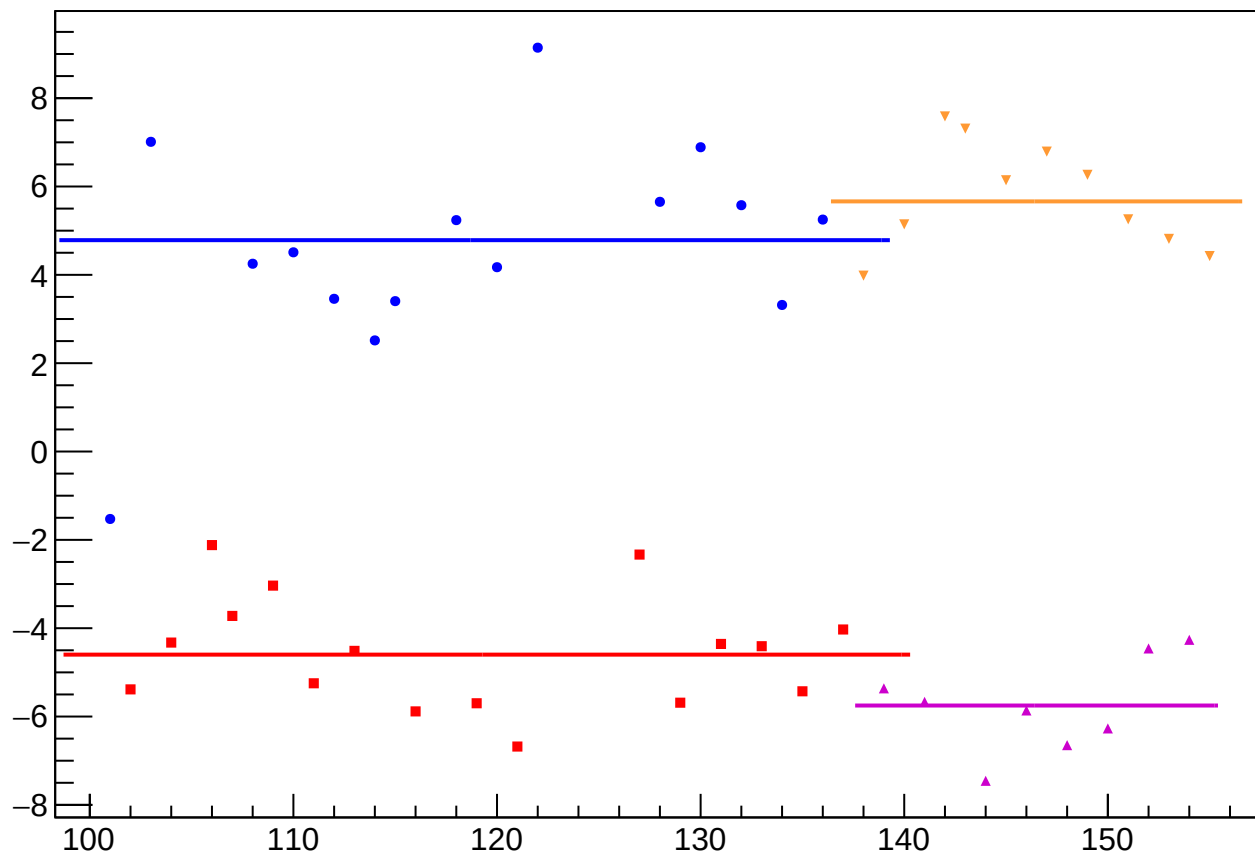
Left: -0.027 +/- 0.000 χ^2/NDF : 32536303692176799
 Right In: 4.424 +/- 0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Right: 0.293 +/- 0.000 χ^2/NDF : 64106471830391853
 Left Out: 1.338 +/- 0.000 χ^2/NDF : 100260956653067201387101490774016.0/9
 In: 1.359 +/- 0.000 χ^2/NDF : 4028759064798644962
 Right Out: -3.727 +/- 0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Out: -1.033 +/- 0.000 χ^2/NDF : 23194630214132124
 Left In: -1.528 +/- 0.000 χ^2/NDF : 188413553543029346055173401739264.0/7
 All: 0.126 +/- 0.000 χ^2/NDF : 67430510137673

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7
 All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 4.785+/-0.000

χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.663+/-0.000

χ^2/NDF : 939006947041166663423463583121408.0/9

Right Out: -4.598+/-0.000

χ^2/NDF : 989607156792948633247632779640832.0/15

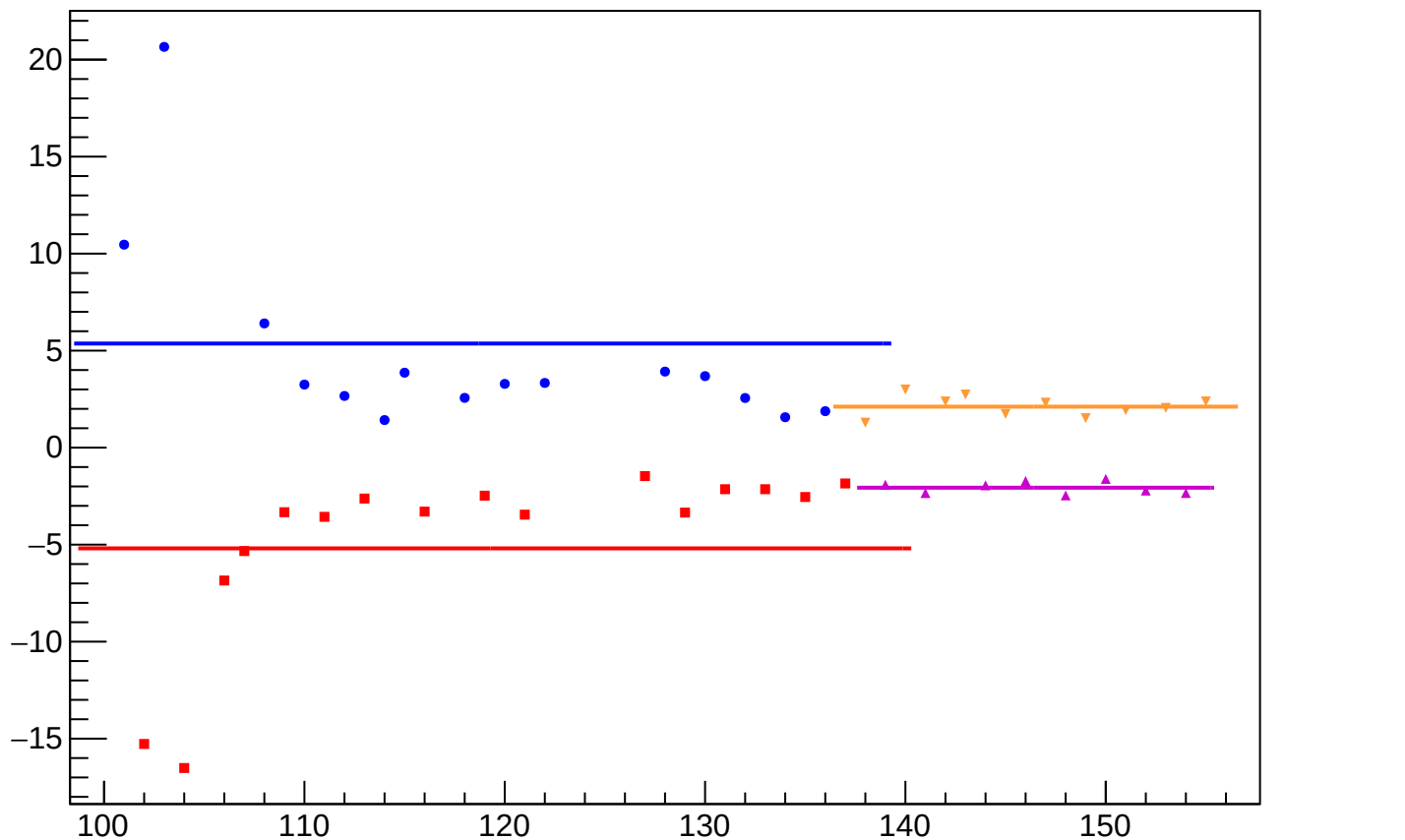
Left In: -5.751+/-0.000

χ^2/NDF : 706679513832613977517502001840128.0/7

All: 0.133+/-0.000

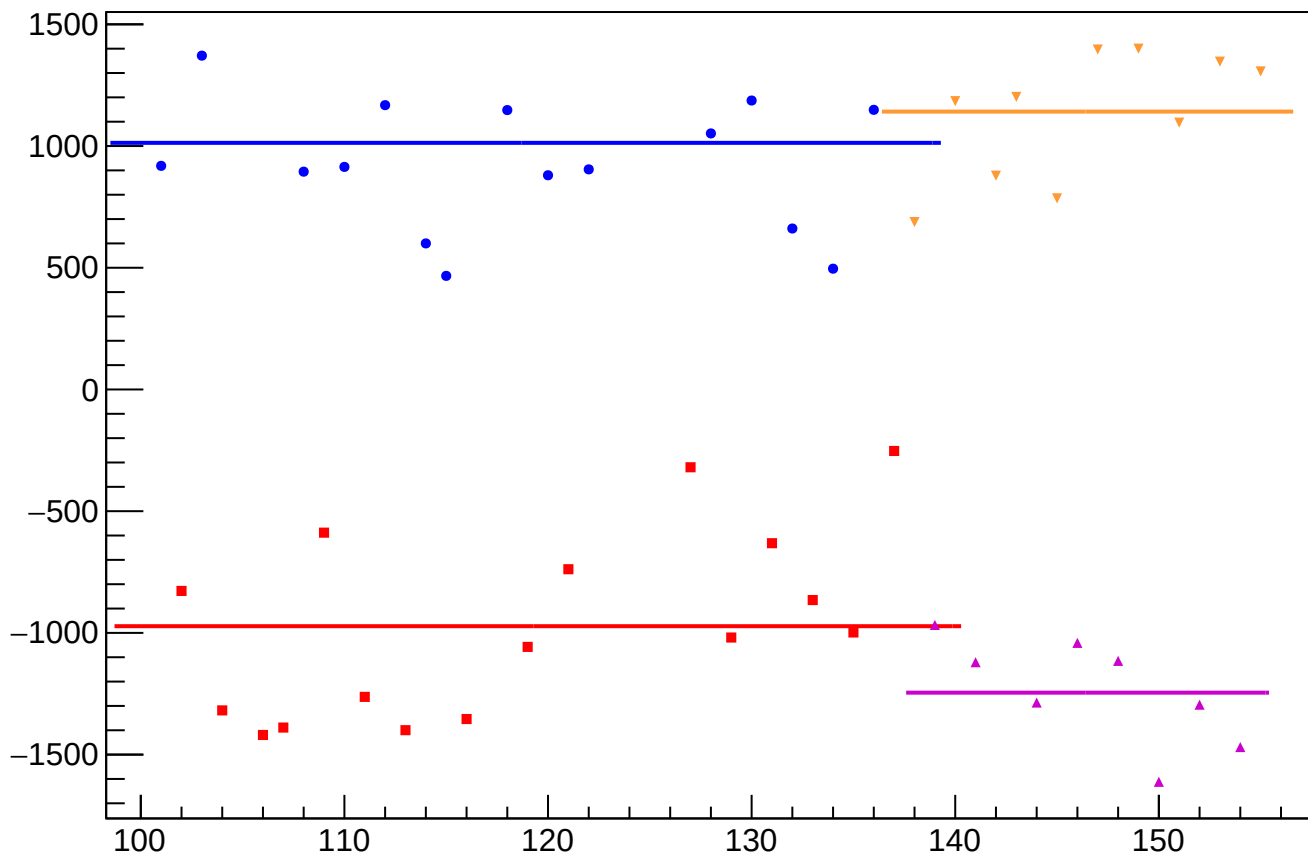
χ^2/NDF : 82638091367846

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.124 +/- 0.000 χ^2/NDF : 656091259881850392
 Right: 0.015 +/- 0.000 χ^2/NDF : 71199413844226553
 In: 1.539 +/- 0.000 χ^2/NDF : 3729596577479409739
 Out: -1.306 +/- 0.000 χ^2/NDF : 34884968465324623
 All: 0.072 +/- 0.000 χ^2/NDF : 77768523688191

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

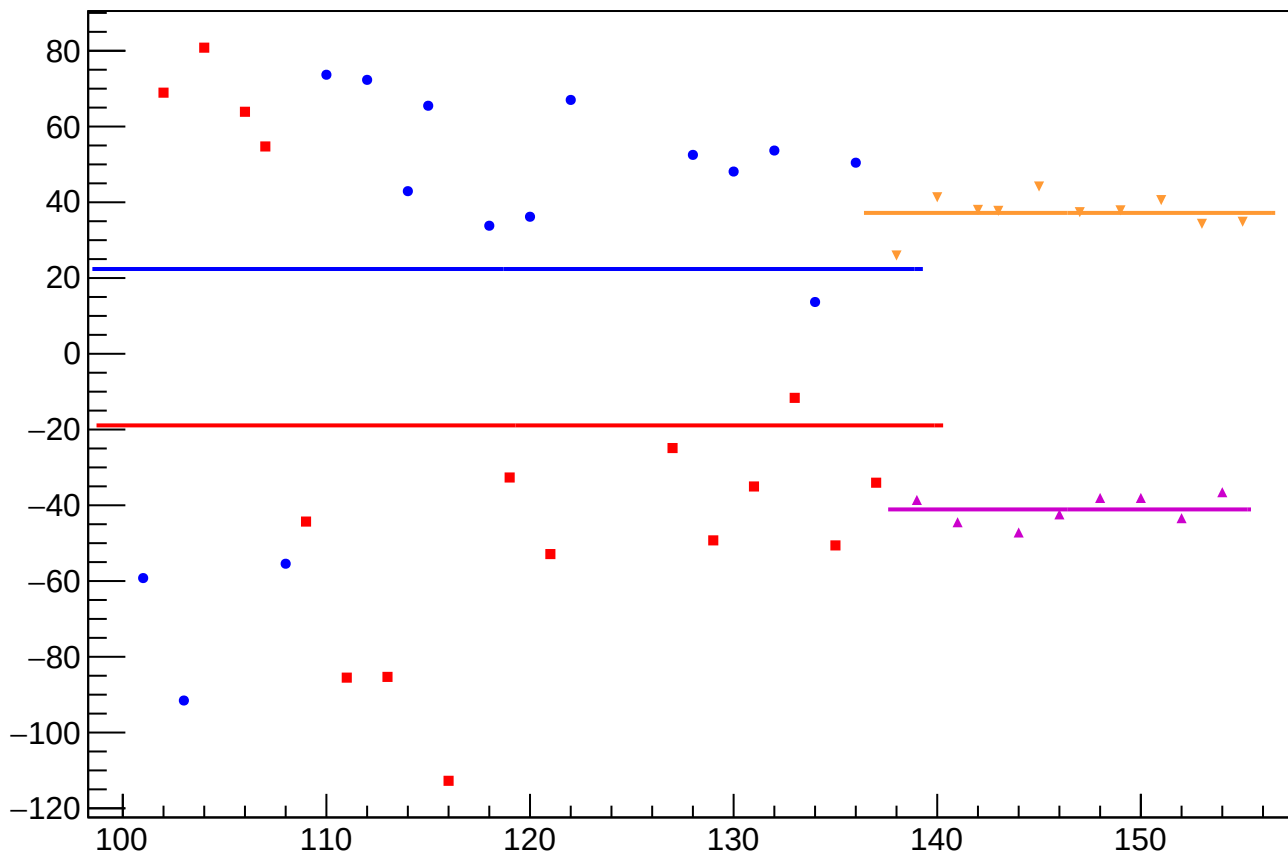
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

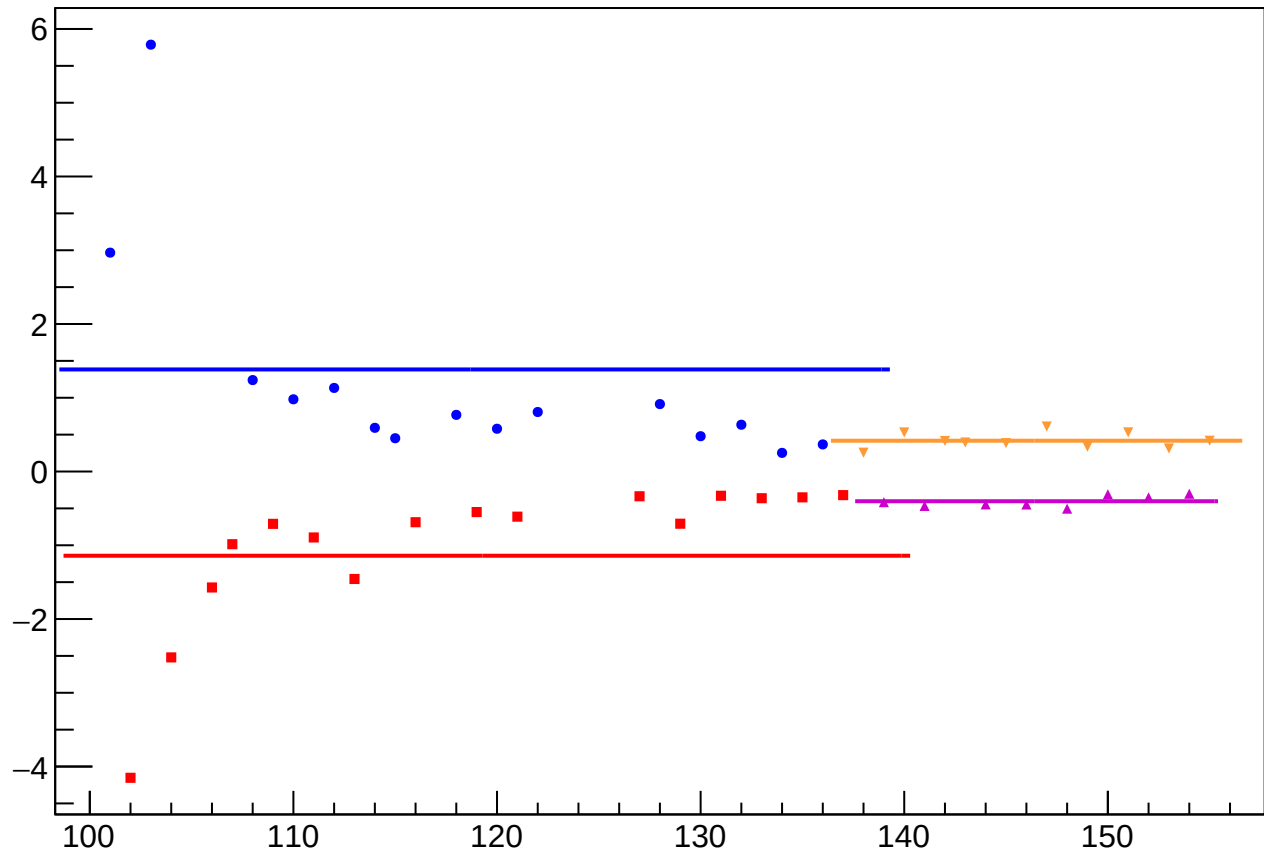
All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_4aY_coil6_mean vs Slug, Sign Corrected



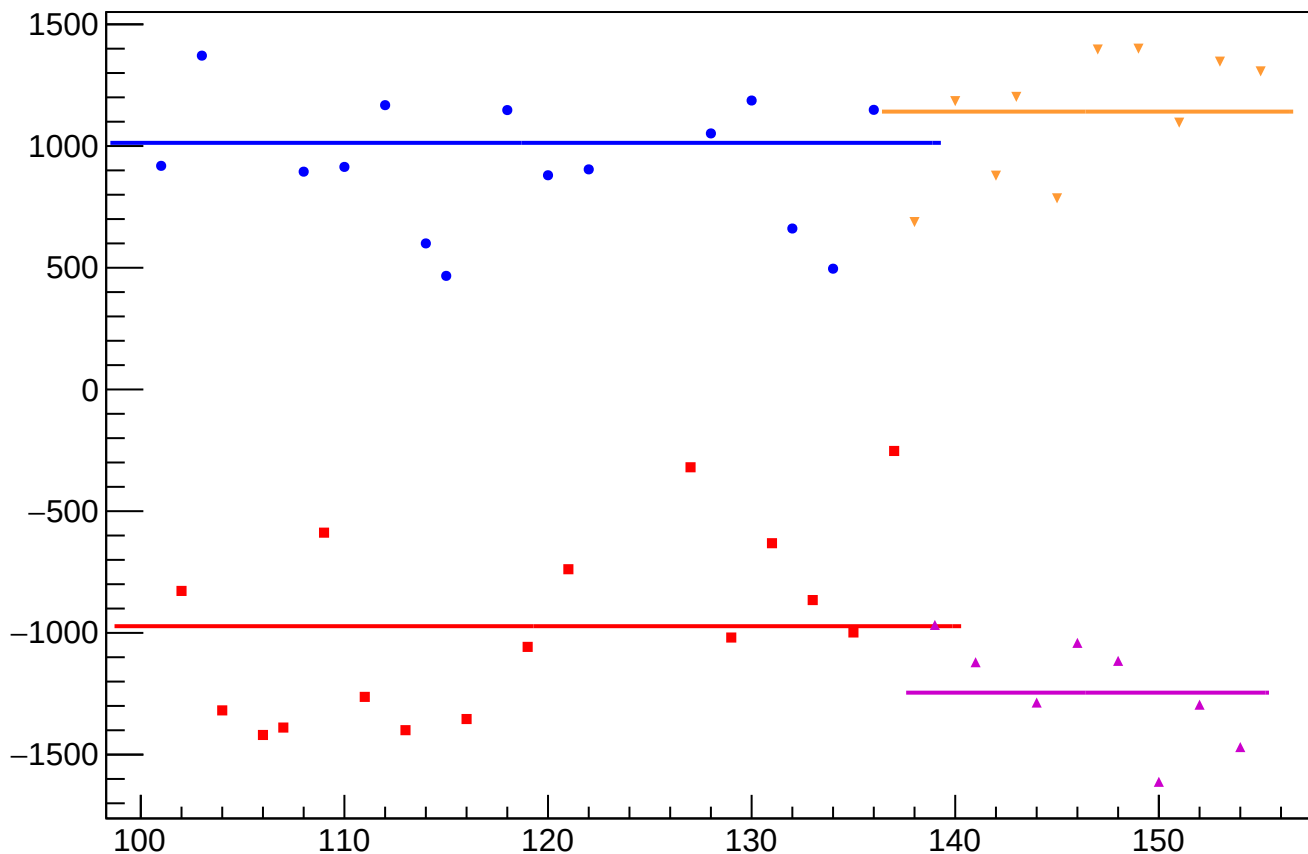
Right In: 22.385 ± 0.000 $\chi^2/\text{NDF}: 1922260860023592637794094183323009024.0/14$
 Left Out: 37.197 ± 0.000 $\chi^2/\text{NDF}: 17297515035071839676375451306033152.0/9$
 Right Out: -18.907 ± 0.000 $\chi^2/\text{NDF}: 2182221808408156293593993992757837824.0/15$
 Left In: -41.092 ± 0.000 $\chi^2/\text{NDF}: 8828605441751829392135879491846144.0/7$
 All: 0.651 ± 0.000 $\chi^2/\text{NDF}: 69052480920288$

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



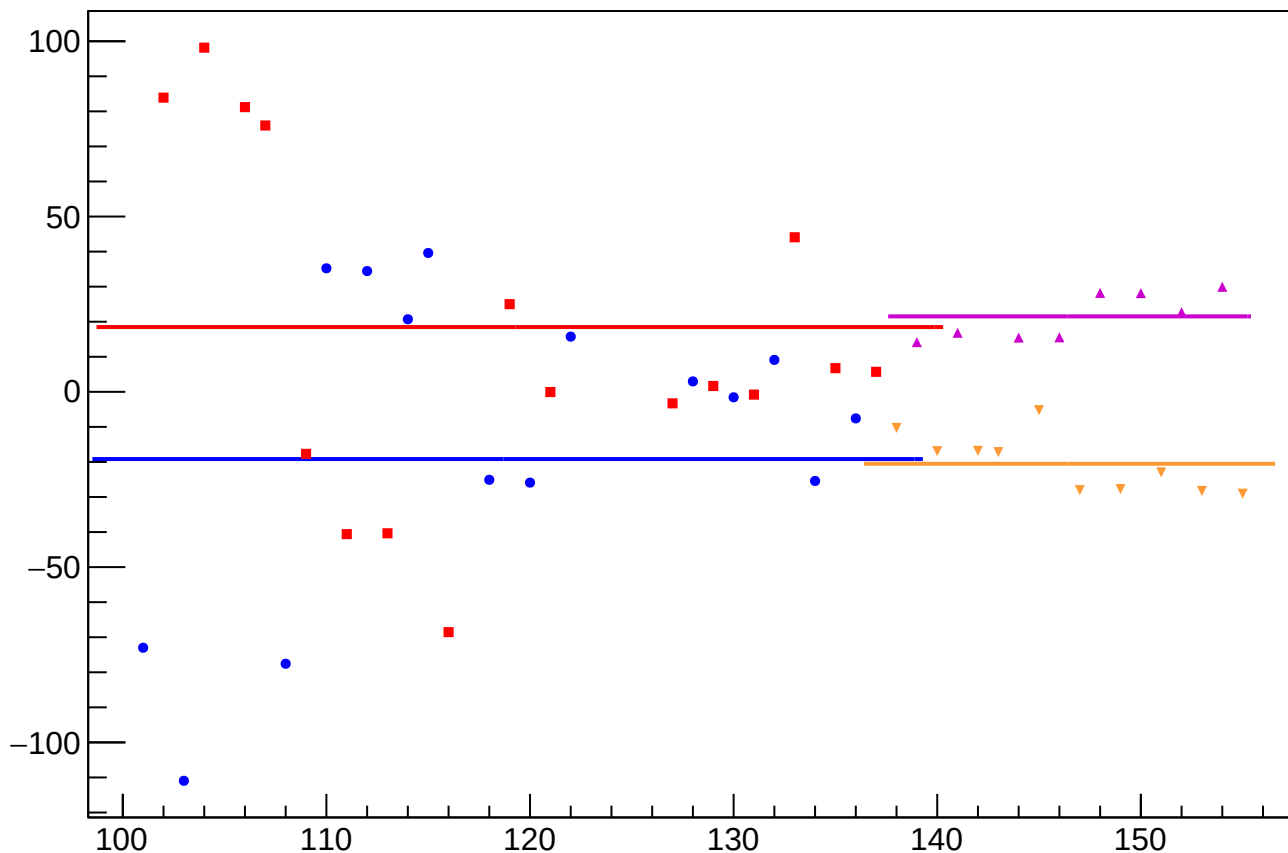
Left: 0.027 +/- 0.000 χ^2/NDF : 255114864881684883
 Right: 0.104 +/- 0.000 χ^2/NDF : 44802957007729023
 In: 0.464 +/- 0.000 χ^2/NDF : 2641693664935289983
 Out: -0.312 +/- 0.000 χ^2/NDF : 16821537937994626
 All: 0.064 +/- 0.000 χ^2/NDF : 47394786566610

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7
 All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175 ± 0.000

Left Out: -20.524 ± 0.000

Right Out: 18.479 ± 0.000

Left In: 21.521 ± 0.000

χ^2/NDF : 1246364705689764961102868160463241216.0/14

χ^2/NDF : 49744594217166647531549214745034752.0/9

χ^2/NDF : 1489398115046175180640331393369374720.0/15

χ^2/NDF : 26682956522061967697396231649099776.0/7

Left: -0.504 ± 0.000 χ^2/NDF : 71447870532284893

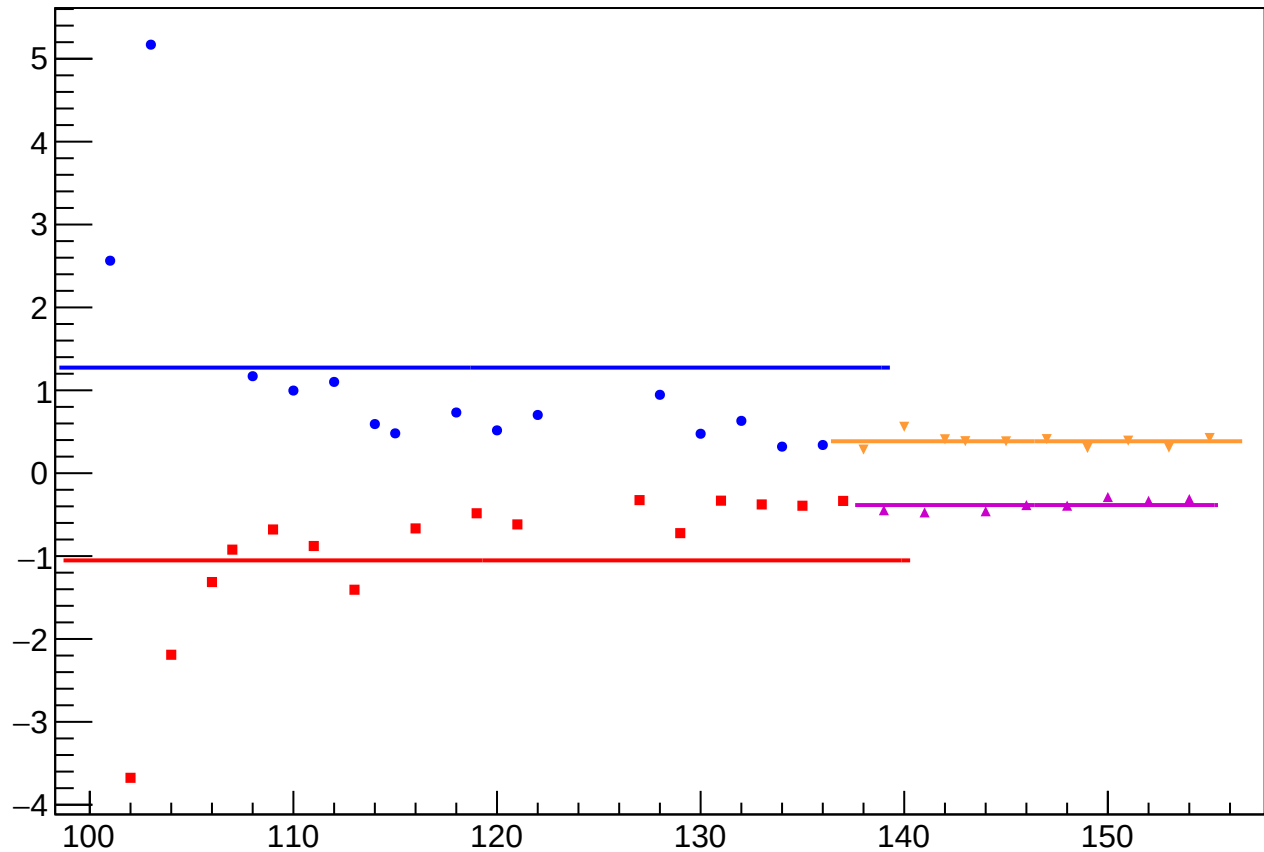
Right: -0.091 ± 0.000 χ^2/NDF : 3202145485356183

In: 1.781 ± 0.000 χ^2/NDF : 1826543007477517570

Out: -2.268 ± 0.000 χ^2/NDF : 20788845941304579

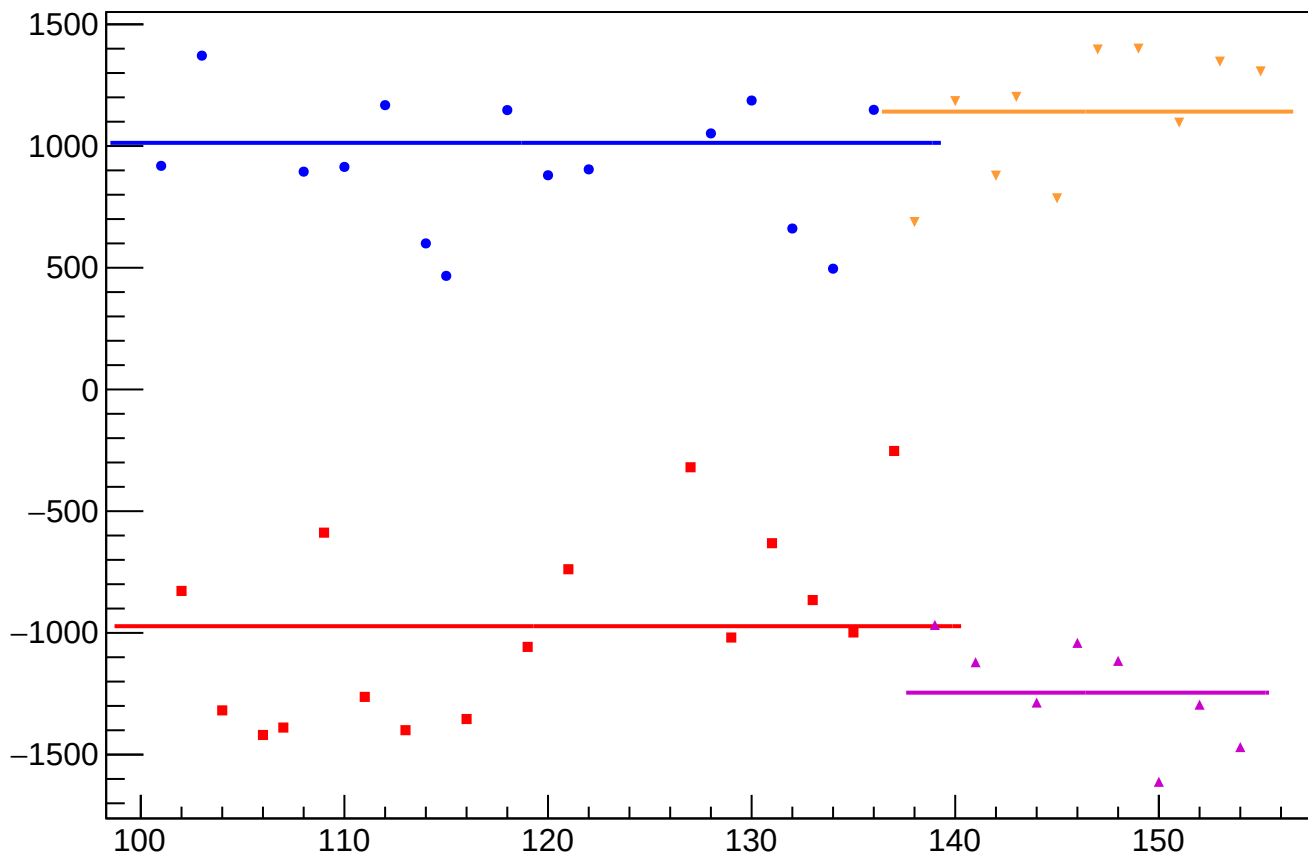
All: -0.307 ± 0.000 χ^2/NDF : 3916742108628

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.385+/-0.000 χ^2/NDF : 4549012083405442840638617812992.0/9
 Right Out: -1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: -0.385+/-0.000 χ^2/NDF : 3035522758377891214581114601472.0/7
 All: 0.055+/-0.000 χ^2/NDF : 38241771881495

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

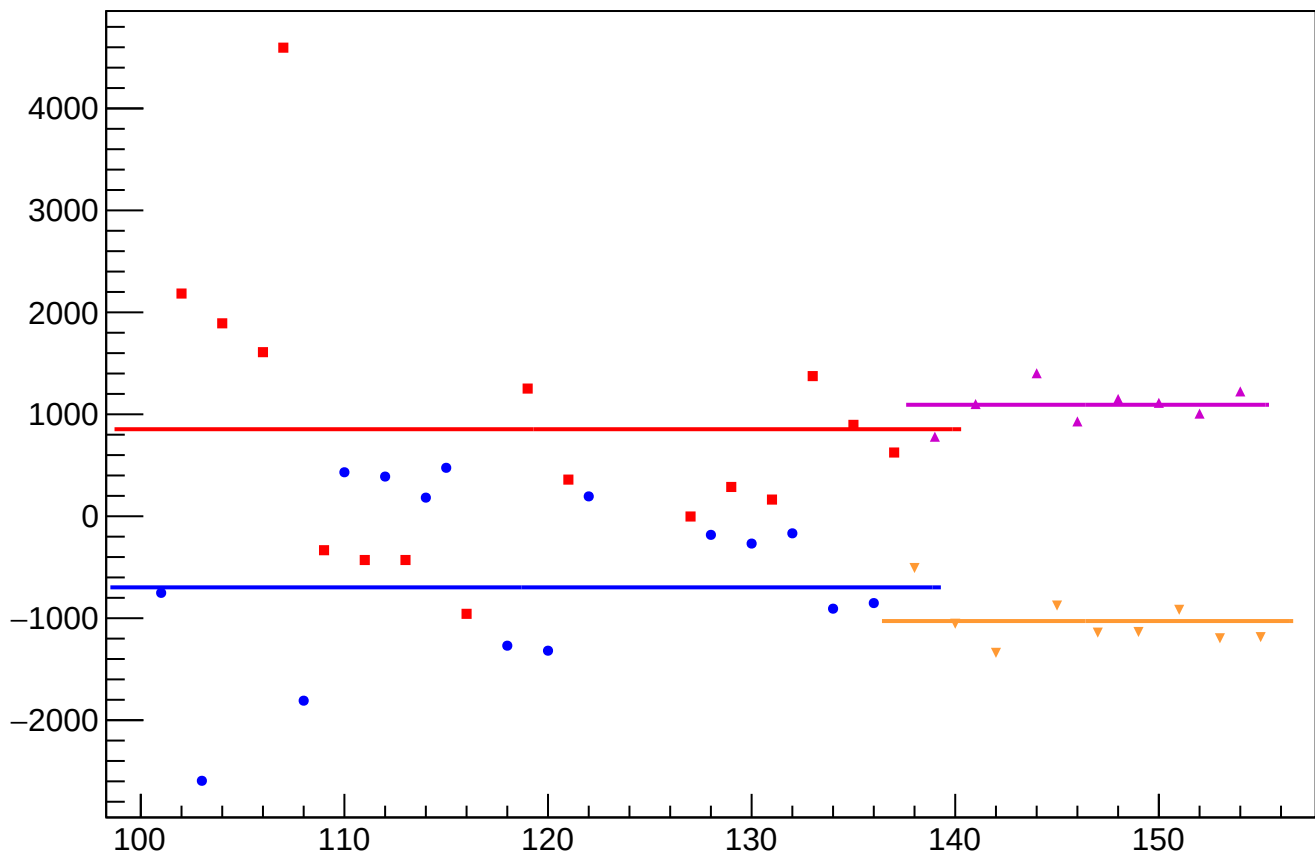
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: -697.283+/-0.000

χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -1027.753+/-0.000

χ^2/NDF : 34836744412377876587952625051540389888.0/8

Right Out: 853.734+/-0.000

χ^2/NDF : 1078379020126412317155932275156201766912.0/15

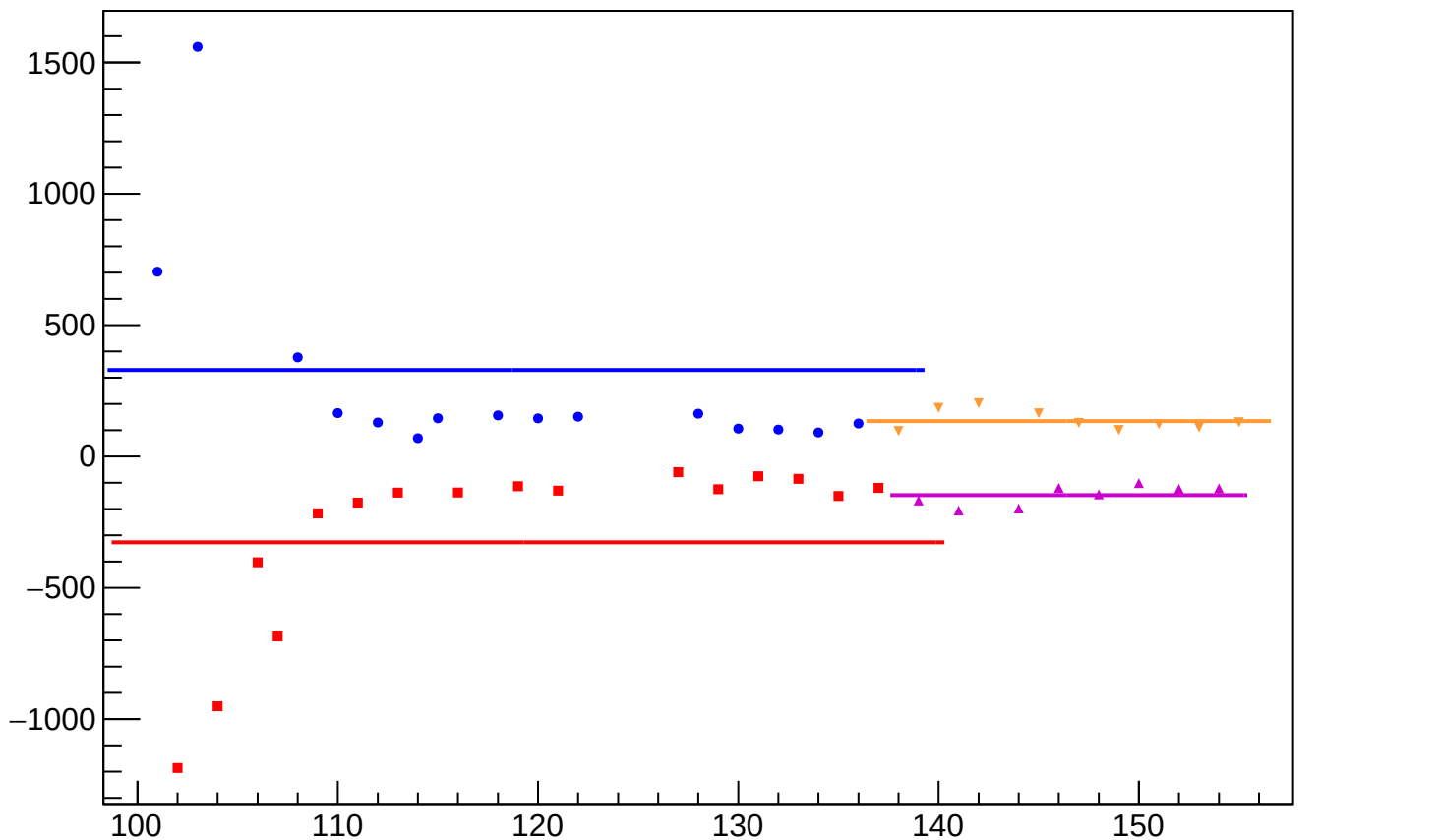
Left In: 1093.449+/-0.000

χ^2/NDF : 21167539771276414657483454465305477120.0/7

All: 59.389+/-0.000

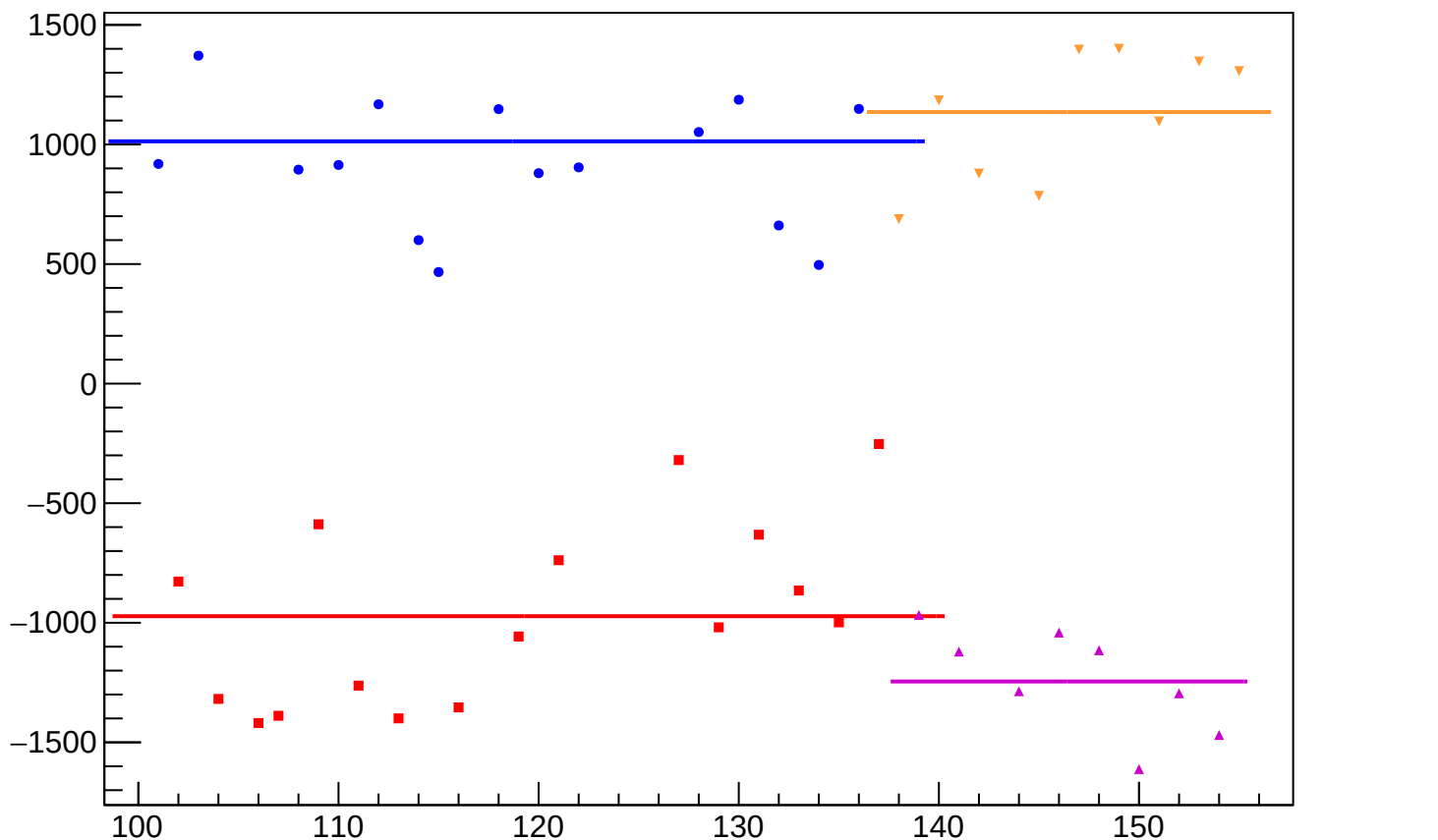
χ^2/NDF : 3970682537814

dit_usl_coil6_err_mean vs Slug, Sign Corrected



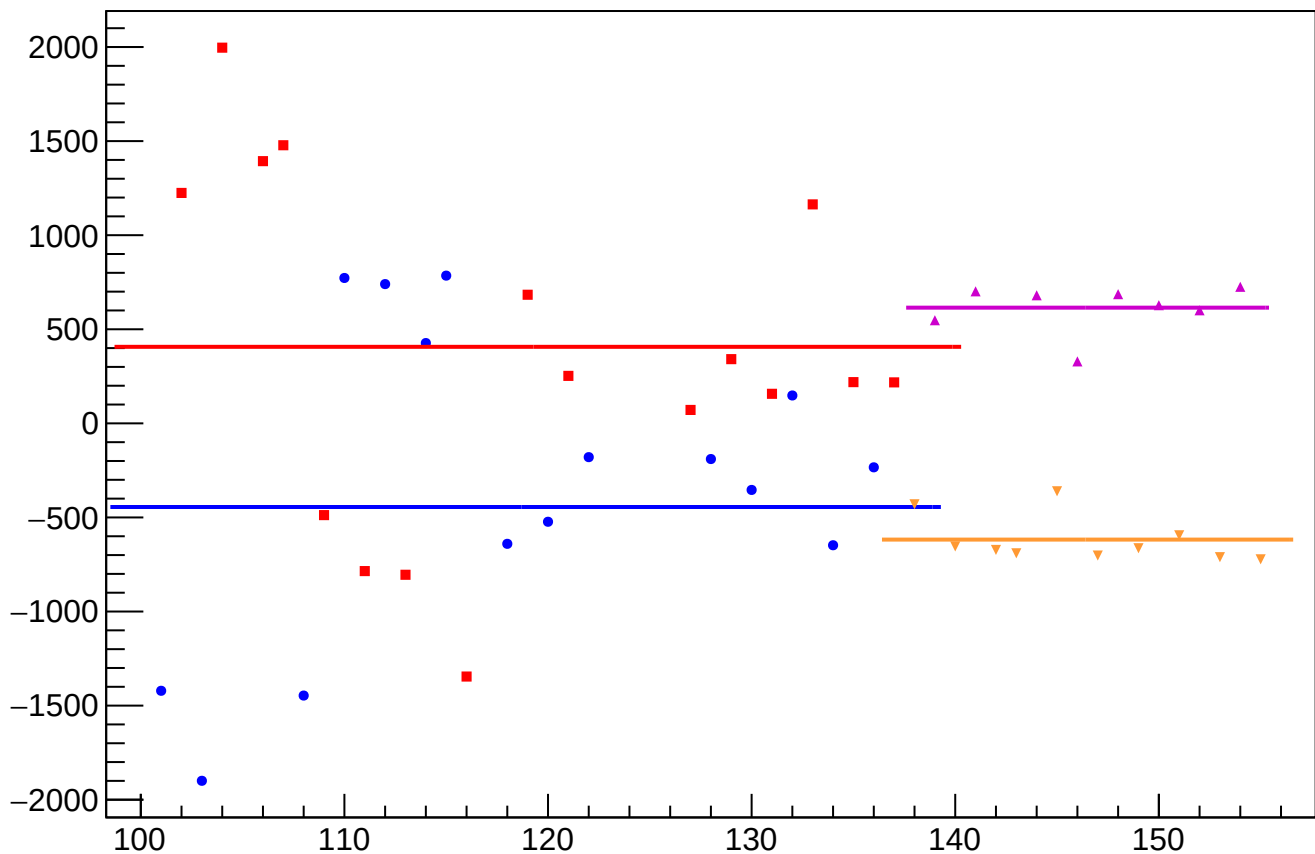
Right In: 329.108 +/- 0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14
 Left Out: 134.713 +/- 0.000 χ^2/NDF : 766231978812589444626369181682499584.0/8
 Right Out: -326.695 +/- 0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15
 Left In: -147.292 +/- 0.000 χ^2/NDF : 913817940657155350114343527204782080.0/7
 All: -4.715 +/- 0.000 χ^2/NDF : 3750238345662

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1135.598+/-0.000 χ^2/NDF : 46266455718090758780602653059588292608.0/8
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7
 All: -23.947+/-0.000 χ^2/NDF : 344173632397

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -444.512+/-0.000

χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -617.716+/-0.000

χ^2/NDF : 11089727436516377387996226716860153856.0/9

Right Out: 406.729+/-0.000

χ^2/NDF : 529122421866774810012941782239129108480.0/15

Left In: 614.860+/-0.000

χ^2/NDF : 9712000774725995292312246486346760192.0/7

Left: -30.816+/-0.000 χ^2/NDF : 5691388055336652

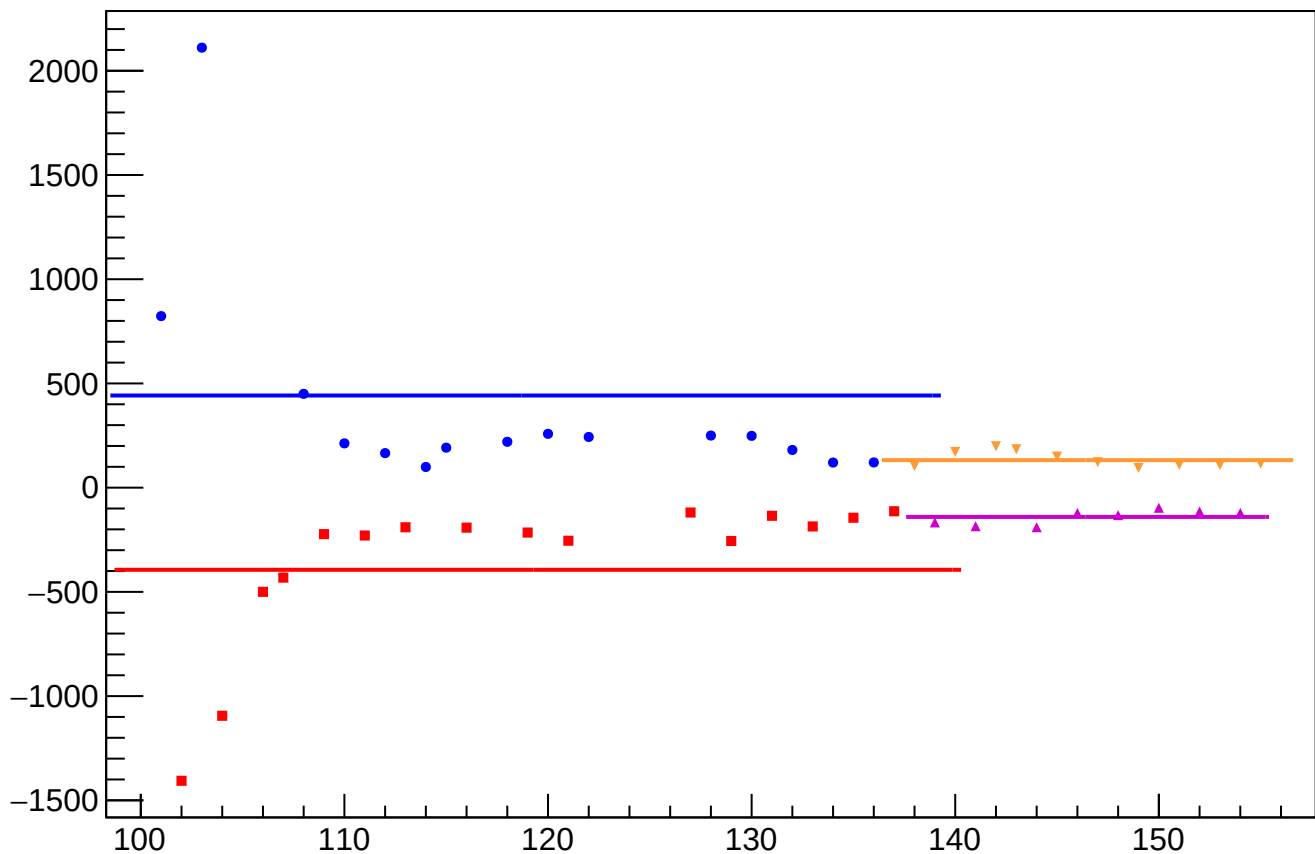
Right: -13.070+/-0.000 χ^2/NDF : 116395703795034

In: 101.009+/-0.000 χ^2/NDF : 7812573698346438

Out: -138.204+/-0.000 χ^2/NDF : 912567999688749

All: -22.363+/-0.000 χ^2/NDF : 173331288863

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 442.162+/-0.000

χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 132.040+/-0.000

χ^2/NDF : 831087219713607537194748769606828032.0/9

Right Out: -394.033+/-0.000

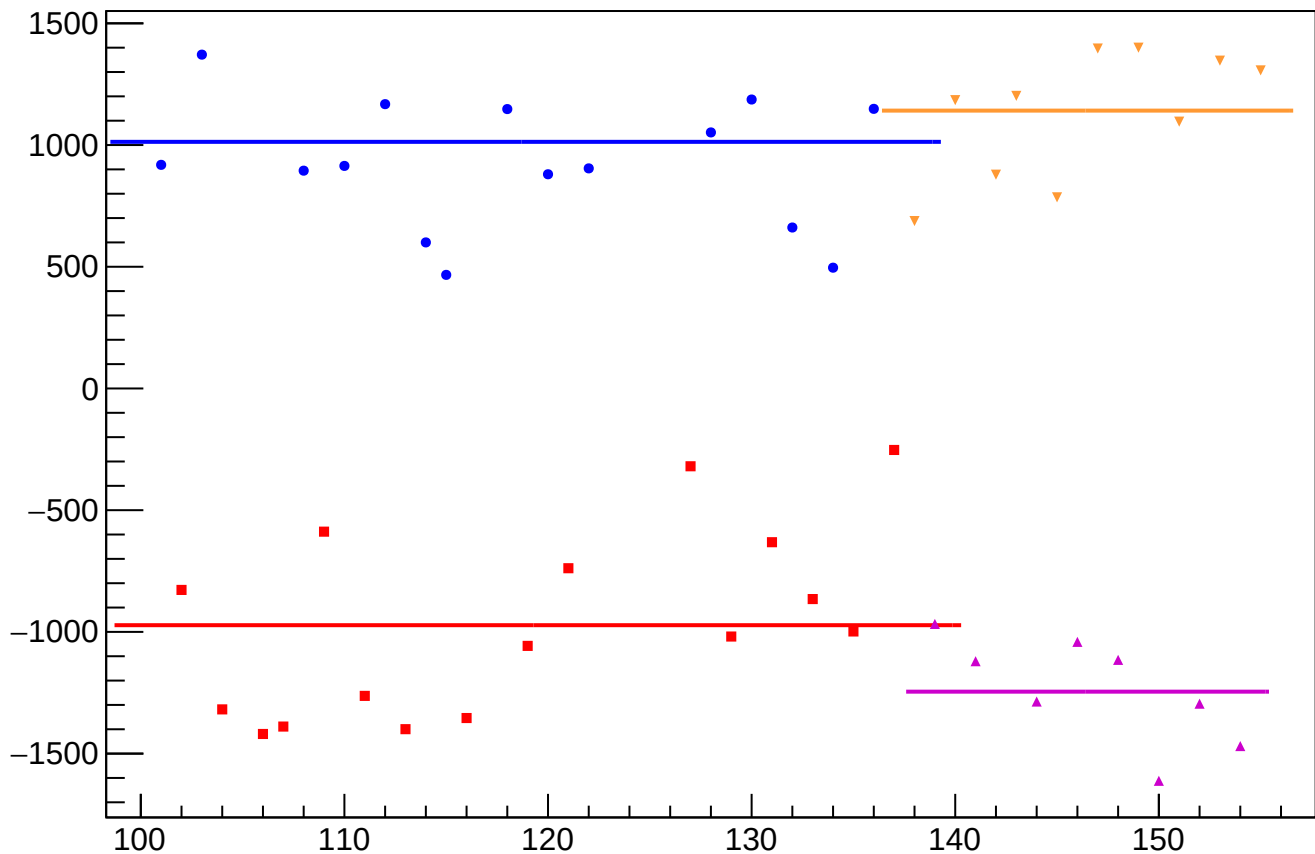
χ^2/NDF : 105882611624182009489804426207740035072.0/15

Left In: -140.384+/-0.000

χ^2/NDF : 745628194572388631420426233030115328.0/7

All: 9.955+/-0.000 χ^2/NDF : 5684398931734

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

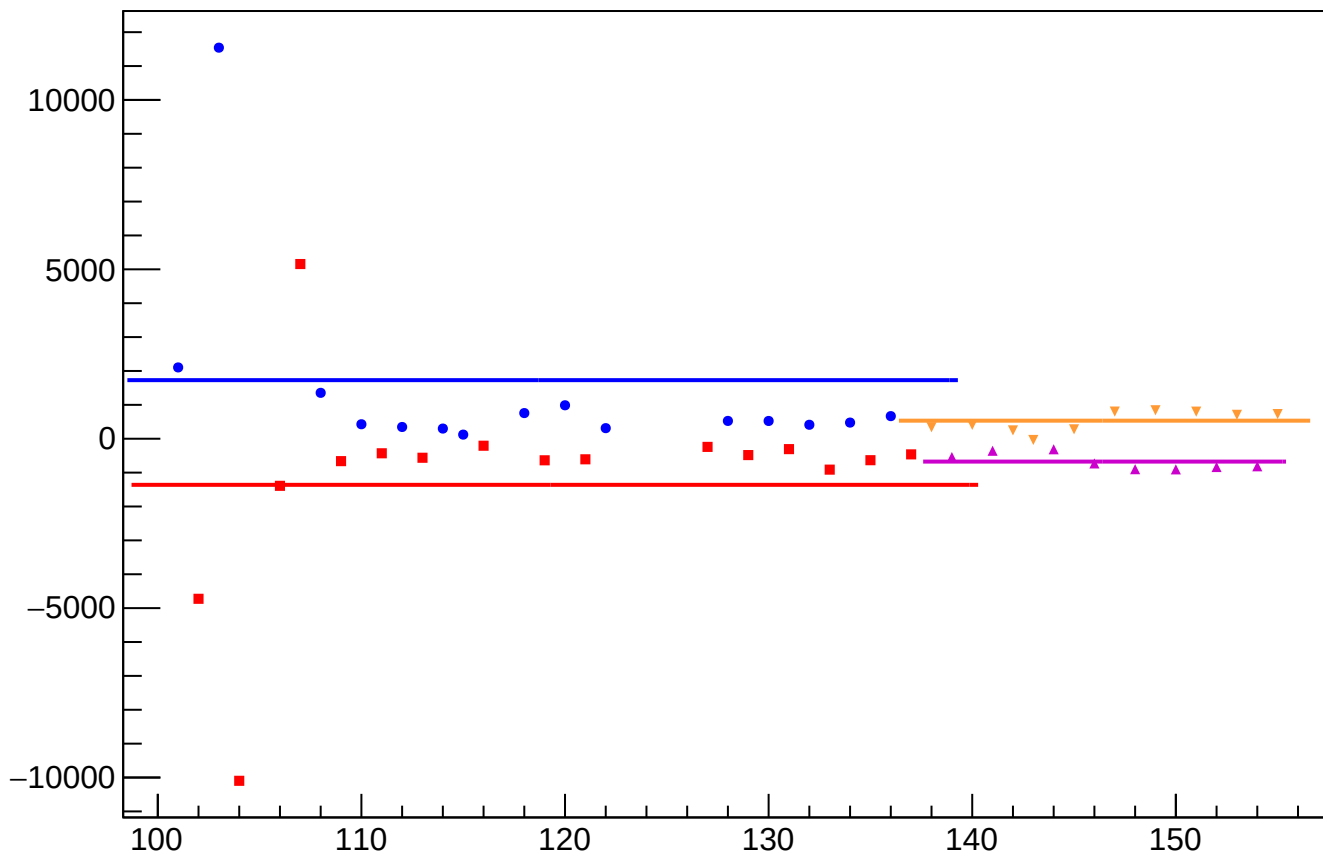
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

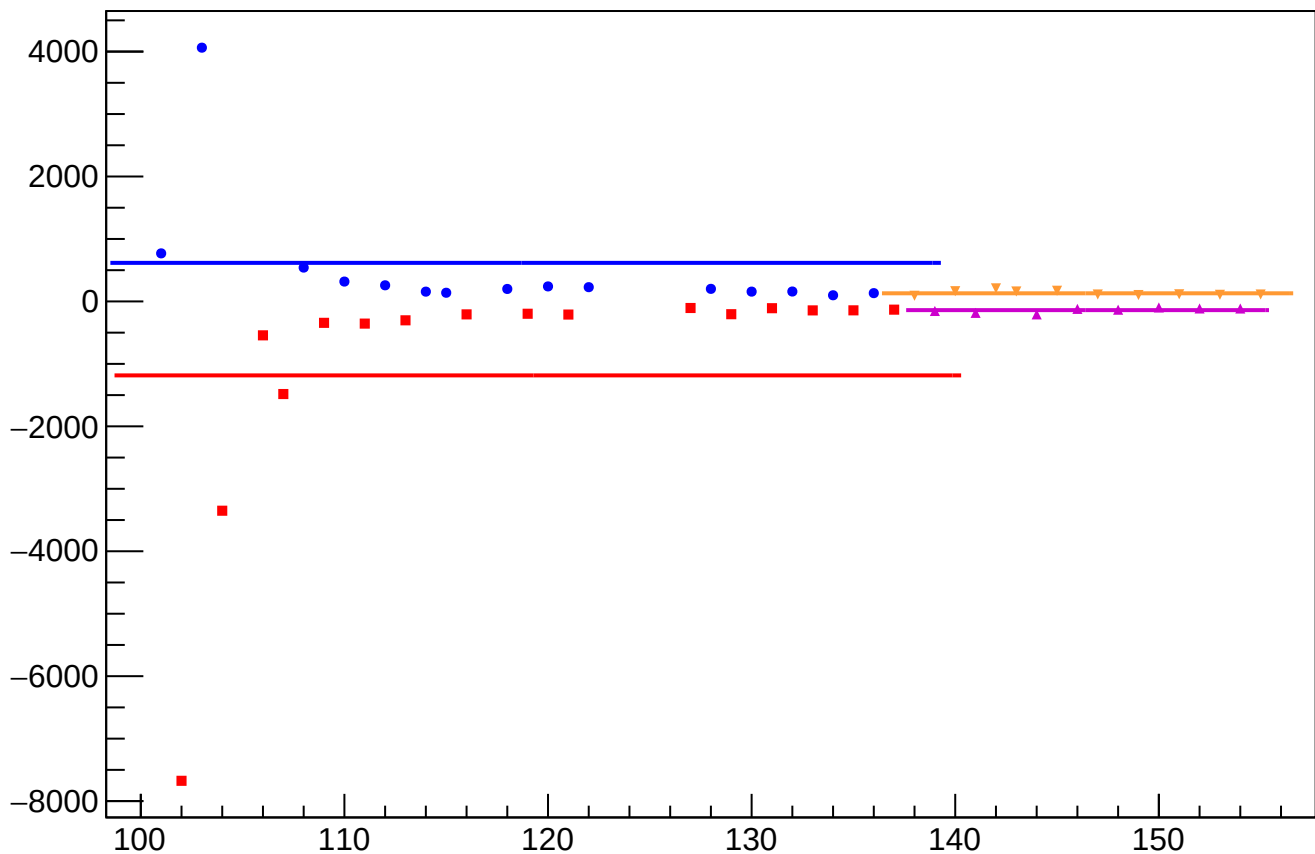
All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_atl1_coil6_mean vs Slug, Sign Corrected



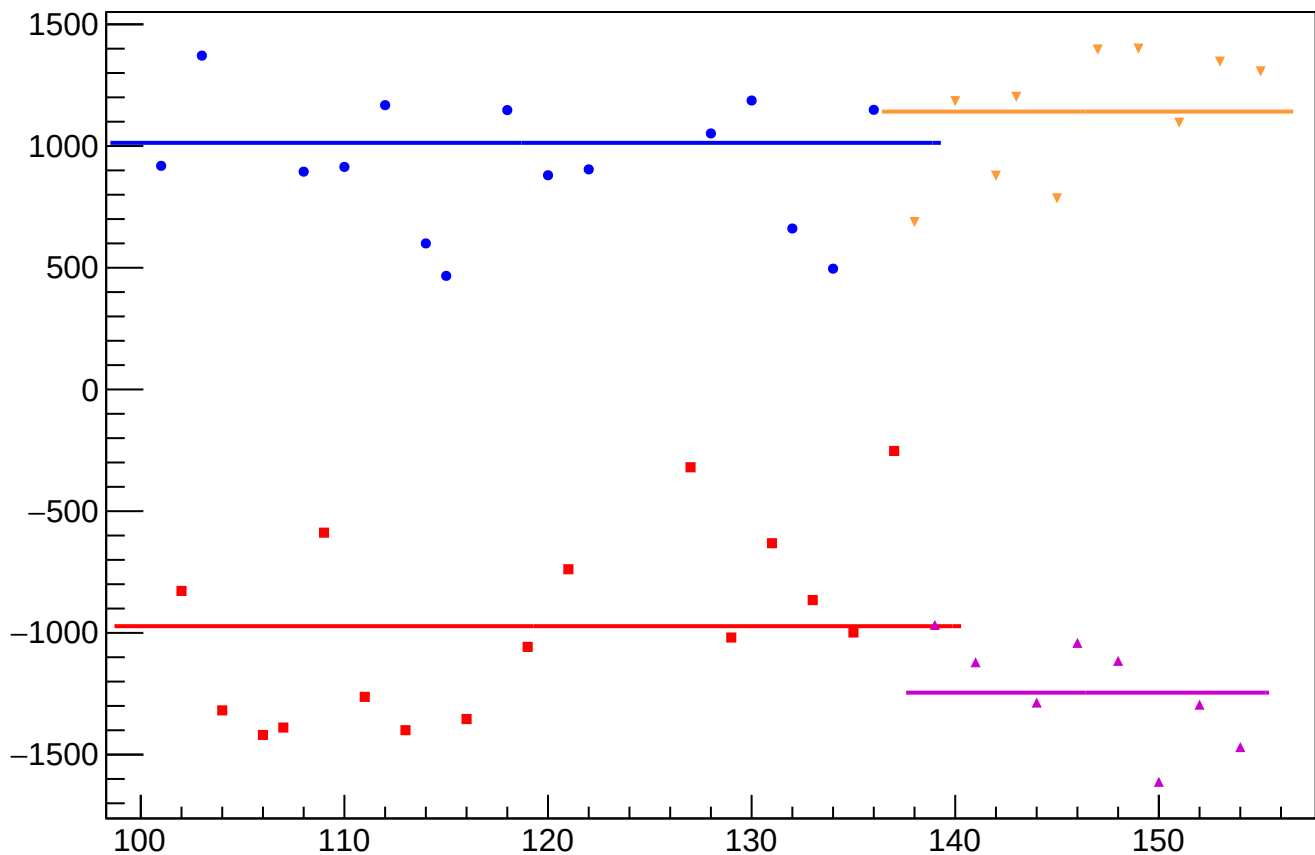
Left: -42.073 +/- 0.000 χ^2/NDF : 6213456187234342
 Right In: 1729.013 +/- 0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Right: 162.918 +/- 0.000 χ^2/NDF : 159853161210173
 Left Out: 533.065 +/- 0.000 χ^2/NDF : 59677179099600753924782714978241085440.0/9
 In: 491.171 +/- 0.000 χ^2/NDF : 83793451648561574
 Right Out: -1360.914 +/- 0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Out: -353.450 +/- 0.000 χ^2/NDF : 776399590459462
 Left In: -674.808 +/- 0.000 χ^2/NDF : 35090373497712275082845969455335342080.0/7
 All: 55.563 +/- 0.000 χ^2/NDF : 166356227294

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: 1.669 +/- 0.000 χ^2/NDF : 27990921611693778
 Right: -295.811 +/- 0.000 χ^2/NDF : 50275218393015
 In: 227.641 +/- 0.000 χ^2/NDF : 9846845321666835
 Out: -485.232 +/- 0.000 χ^2/NDF : 378113472932812
 All: -140.019 +/- 0.000 χ^2/NDF : 51165024886

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

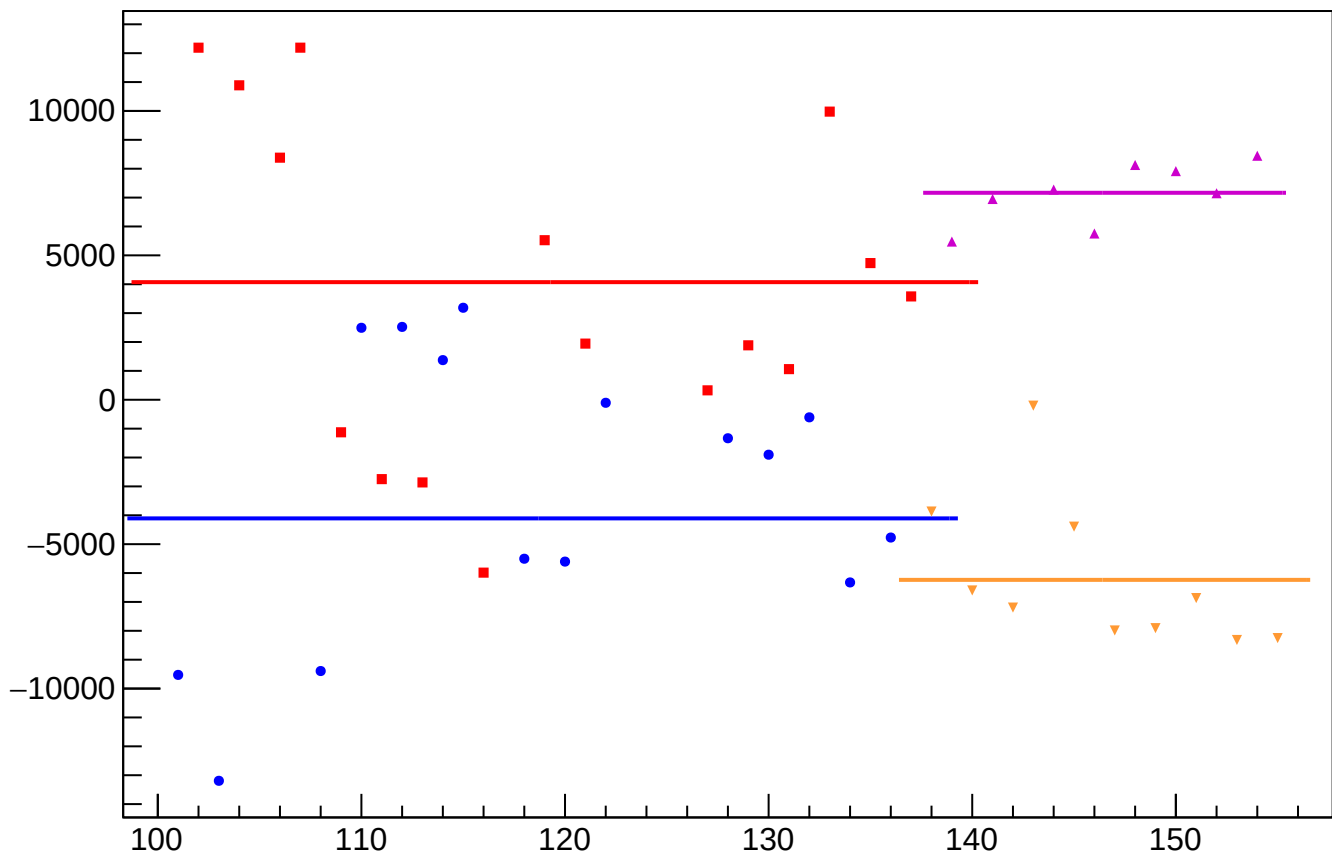
χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: -4107.443 +/- 0.000

Left Out: -6236.084 +/- 0.000

Right Out: 4072.120 +/- 0.000

Left In: 7166.288 +/- 0.000

χ^2/NDF : 14527436324982031454277780831211819630592.0/14

χ^2/NDF : 4400905984197743377756360537301699264512.0/9

χ^2/NDF : 20367171423690168095778854678764929941504.0/15

χ^2/NDF : 676590939528890168031738138575570468864.0/7

Left: 145.557 +/- 0.000 χ^2/NDF : 6990856681258763

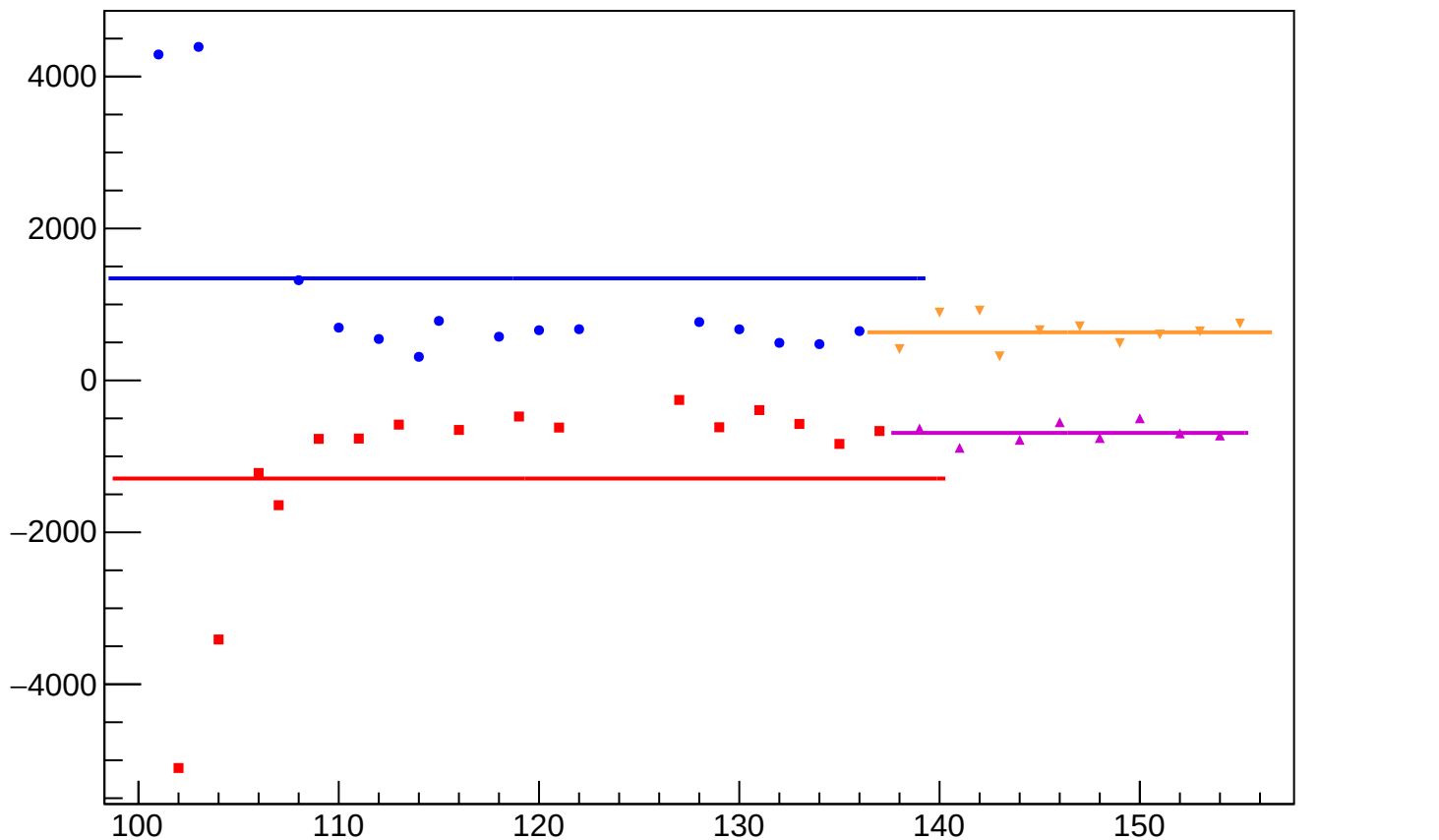
Right: 38.278 +/- 0.000 χ^2/NDF : 5690231407009786

In: 1697.938 +/- 0.000 χ^2/NDF : 5767997734712778

Out: -1411.121 +/- 0.000 χ^2/NDF : 62468491517756

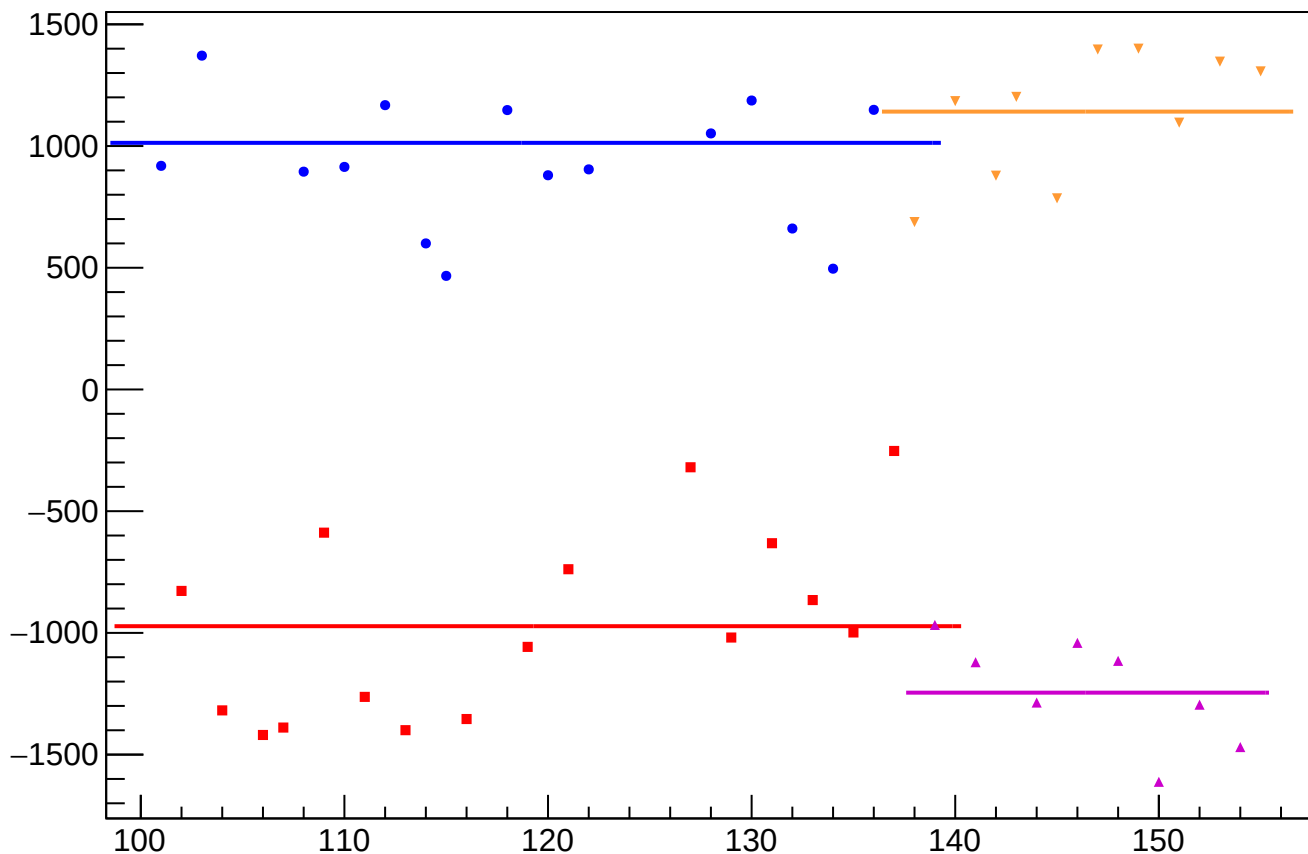
All: 94.460 +/- 0.000 χ^2/NDF : 1268188127390

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



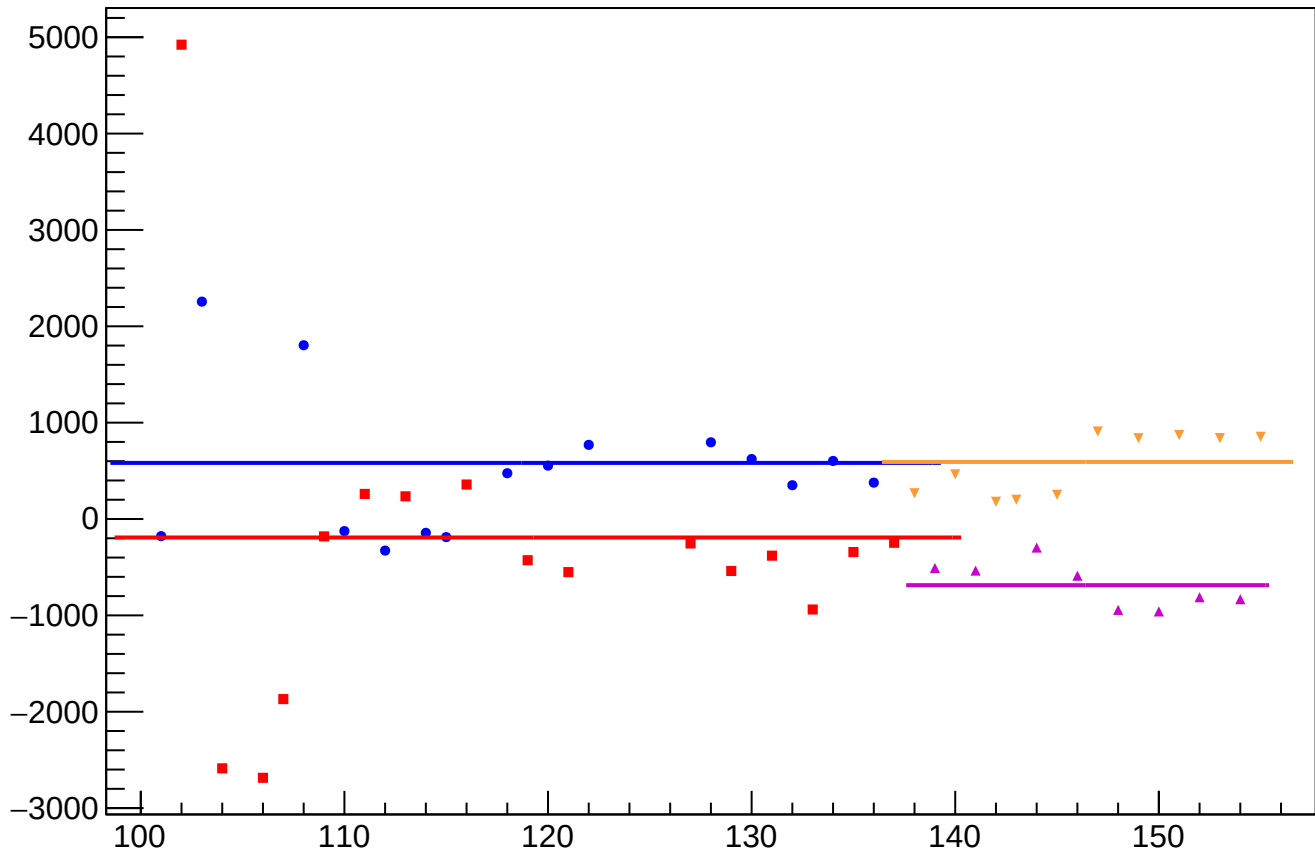
Left: 2.863 ± 0.000 $\chi^2/\text{NDF}: 666255251696336718$
 Right In: 1343.321 ± 0.000 $\chi^2/\text{NDF}: 1317478352429773686550511077330771771392.0/14$
 Right: 7.741 ± 0.000 $\chi^2/\text{NDF}: 49251444178656230$
 Left Out: 633.587 ± 0.000 $\chi^2/\text{NDF}: 23179752581868541010732379582404493312.0/9$
 In: 295.739 ± 0.000 $\chi^2/\text{NDF}: 27103833078864604$
 Right Out: -1291.796 ± 0.000 $\chi^2/\text{NDF}: 1323568917008872977905960011586991030272.0/15$
 Out: -267.627 ± 0.000 $\chi^2/\text{NDF}: 266201839116760$
 Left In: -691.025 ± 0.000 $\chi^2/\text{NDF}: 9793393283780630515786953608210153472.0/7$
 All: 5.187 ± 0.000 $\chi^2/\text{NDF}: 55914160656727$

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7
 All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 582.390+/-0.000

χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 592.317+/-0.000

χ^2/NDF : 66704387261731857641656643056887136256.0/9

Right Out: -191.587+/-0.000

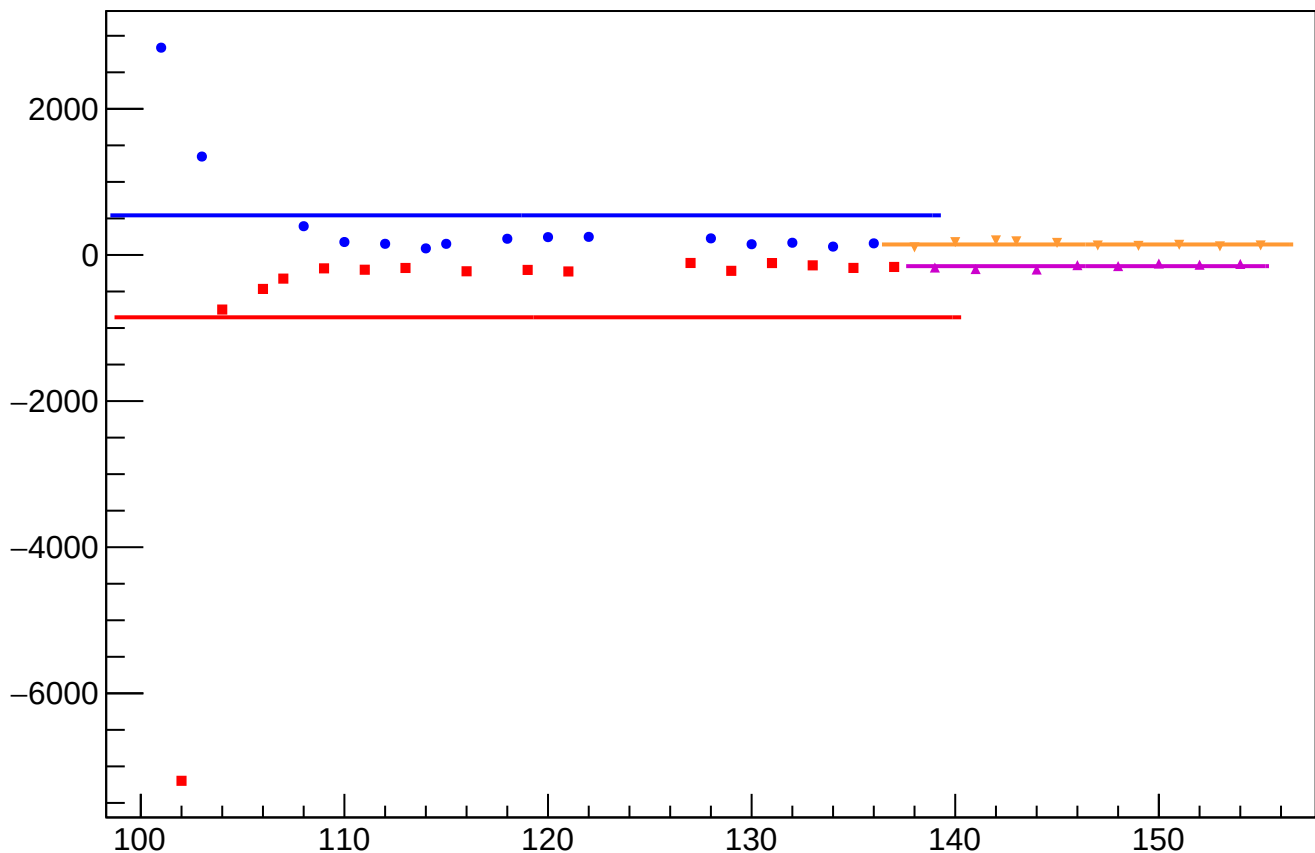
χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: -686.378+/-0.000

χ^2/NDF : 34391962246584493648354645181368107008.0/7

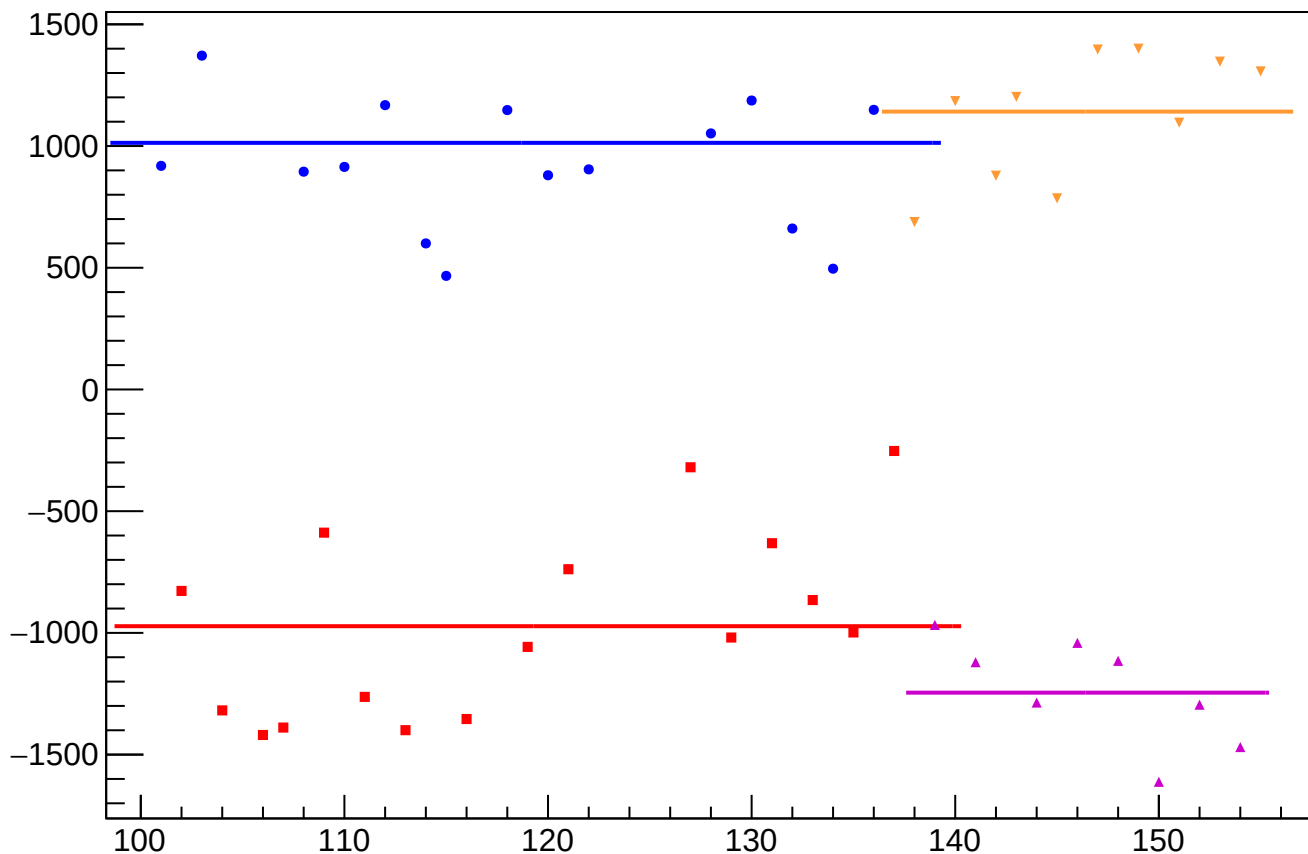
All: 81.883+/-0.000 χ^2/NDF : 3425273279523

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



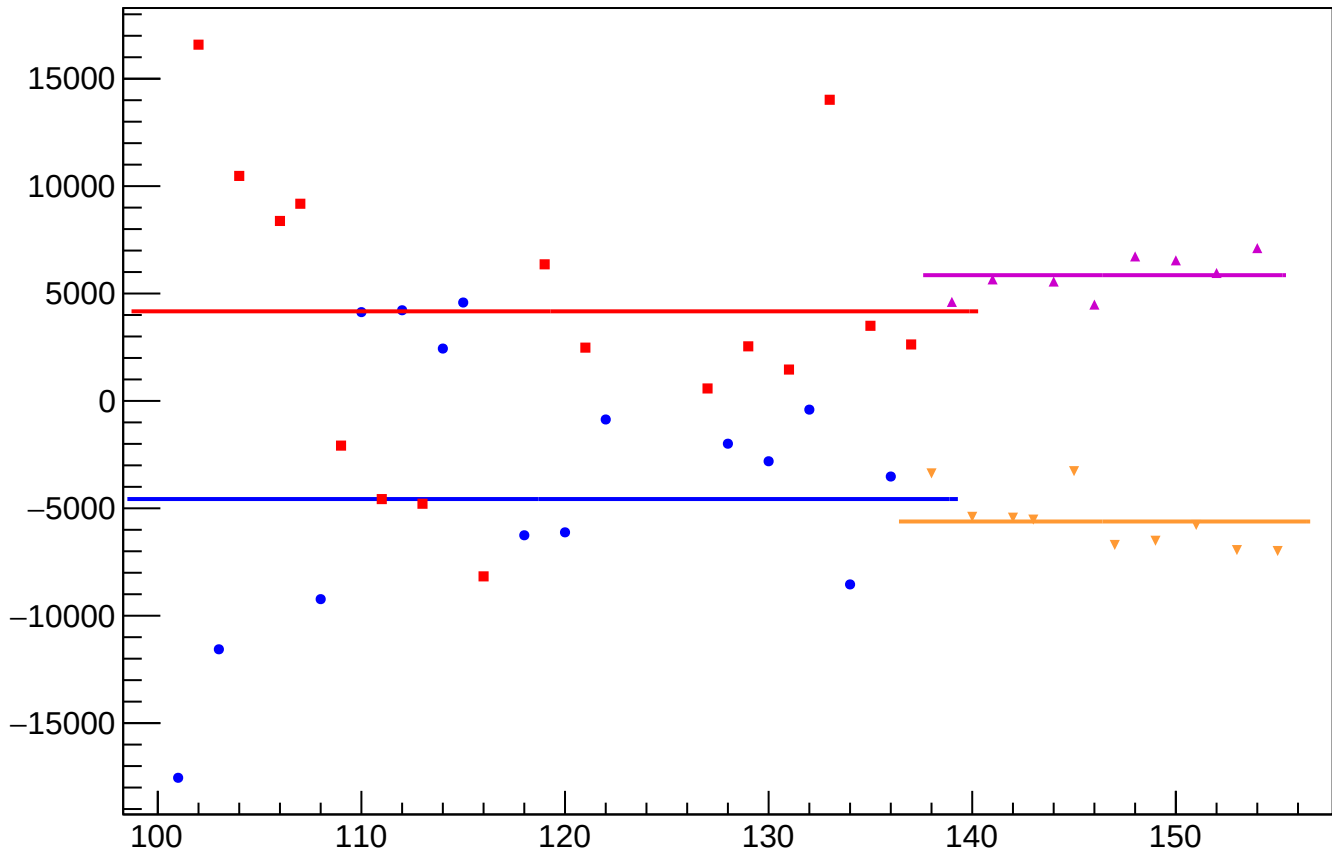
Left: 2.434 +/- 0.000 χ^2/NDF : 330512224345561978
 Right: -164.982 +/- 0.000 χ^2/NDF : 36290648240362
 In: 184.218 +/- 0.000 χ^2/NDF : 57660659718988693
 Out: -322.862 +/- 0.000 χ^2/NDF : 292739008511015
 All: -77.305 +/- 0.000 χ^2/NDF : 368143281737

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7
 All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297+/-0.000

Left Out: -5613.385+/-0.000

Right Out: 4170.773+/-0.000

Left In: 5854.331+/-0.000

χ^2/NDF : 24195052148165719540713110921977756909568.0/14

χ^2/NDF : 1305973072144077886665324944520070037504.0/9

χ^2/NDF : 30967248832187912041113909559481103024128.0/15

χ^2/NDF : 541977207880074856484648943055624208384.0/7

Left: -152.945+/-0.000 χ^2/NDF : 493129751576837

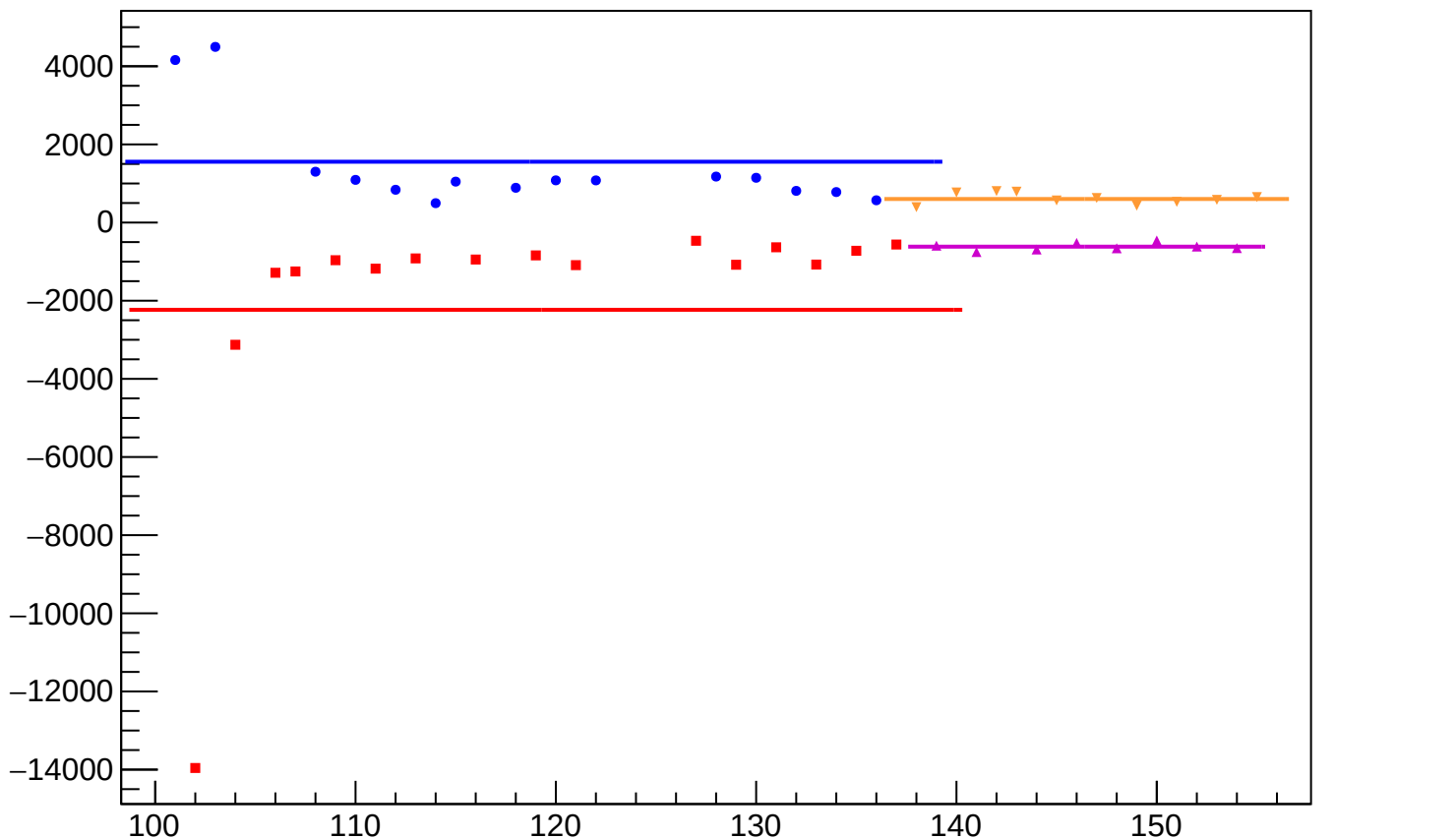
Right: -138.996+/-0.000 χ^2/NDF : 80283768430562

In: 798.811+/-0.000 χ^2/NDF : 6104167812960964

Out: -1033.713+/-0.000 χ^2/NDF : 66237862168569

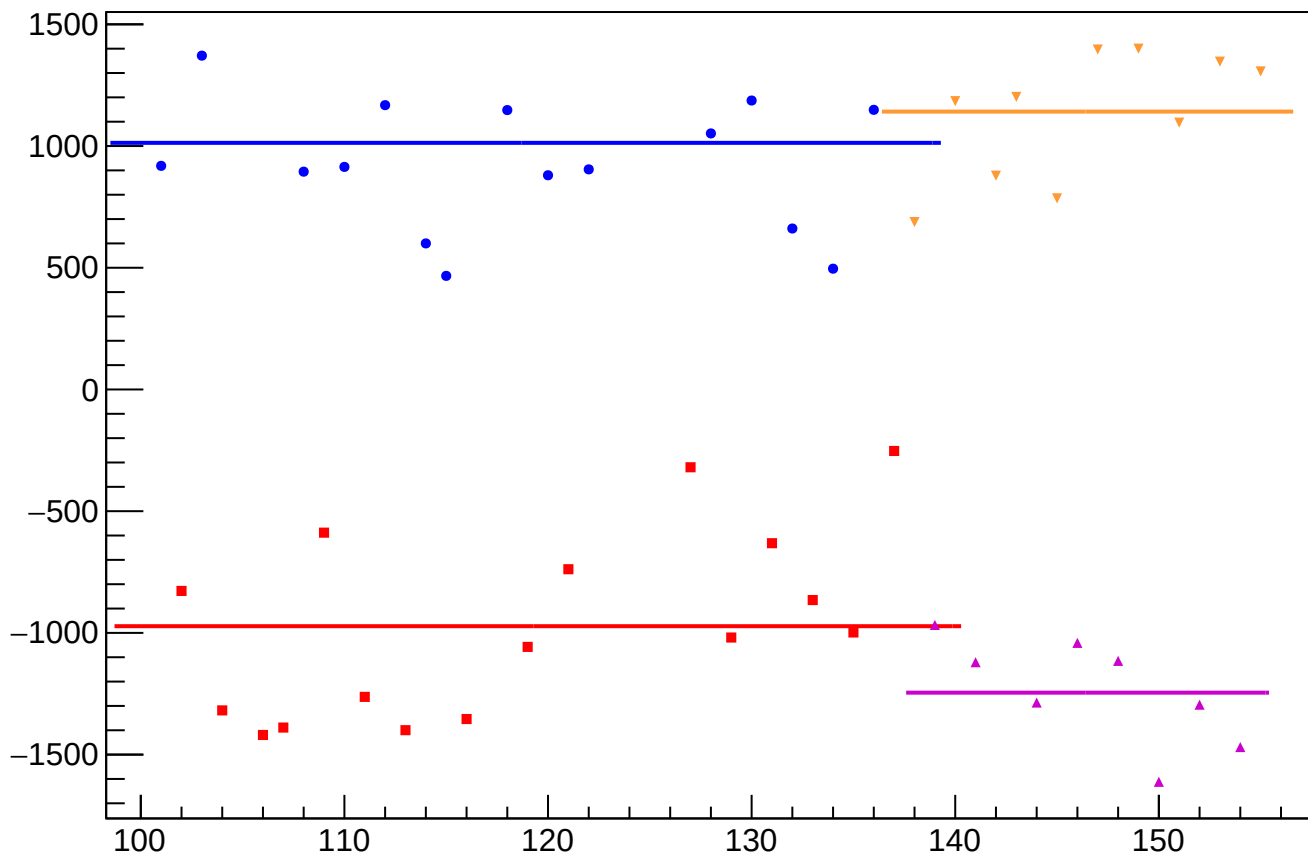
All: -146.301+/-0.000 χ^2/NDF : 12959687768

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



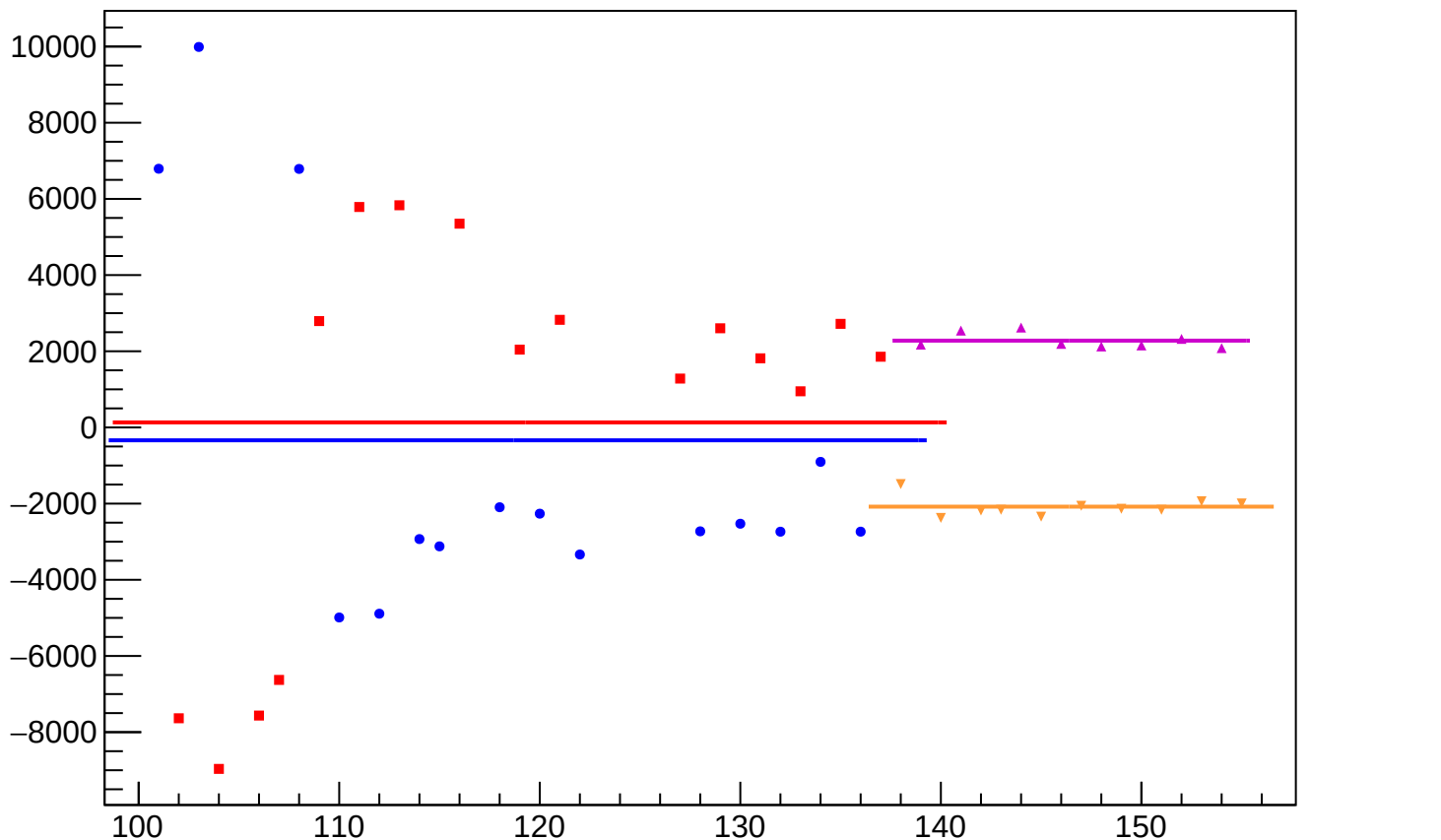
Left: 22.044 +/- 0.000 χ^2/NDF : 5557548617449956
 Right In: 1556.763 +/- 0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Right: -363.793 +/- 0.000 χ^2/NDF : 14852877470384
 Left Out: 602.914 +/- 0.000 χ^2/NDF : 13184886502057600472475368287327223808.0/9
 In: 437.390 +/- 0.000 χ^2/NDF : 27239858458312523
 Right Out: -2232.520 +/- 0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Out: -724.268 +/- 0.000 χ^2/NDF : 118560394694974
 Left In: -616.997 +/- 0.000 χ^2/NDF : 5443283687703597806534798454334423040.0/7
 All: -161.728 +/- 0.000 χ^2/NDF : 15511233361

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



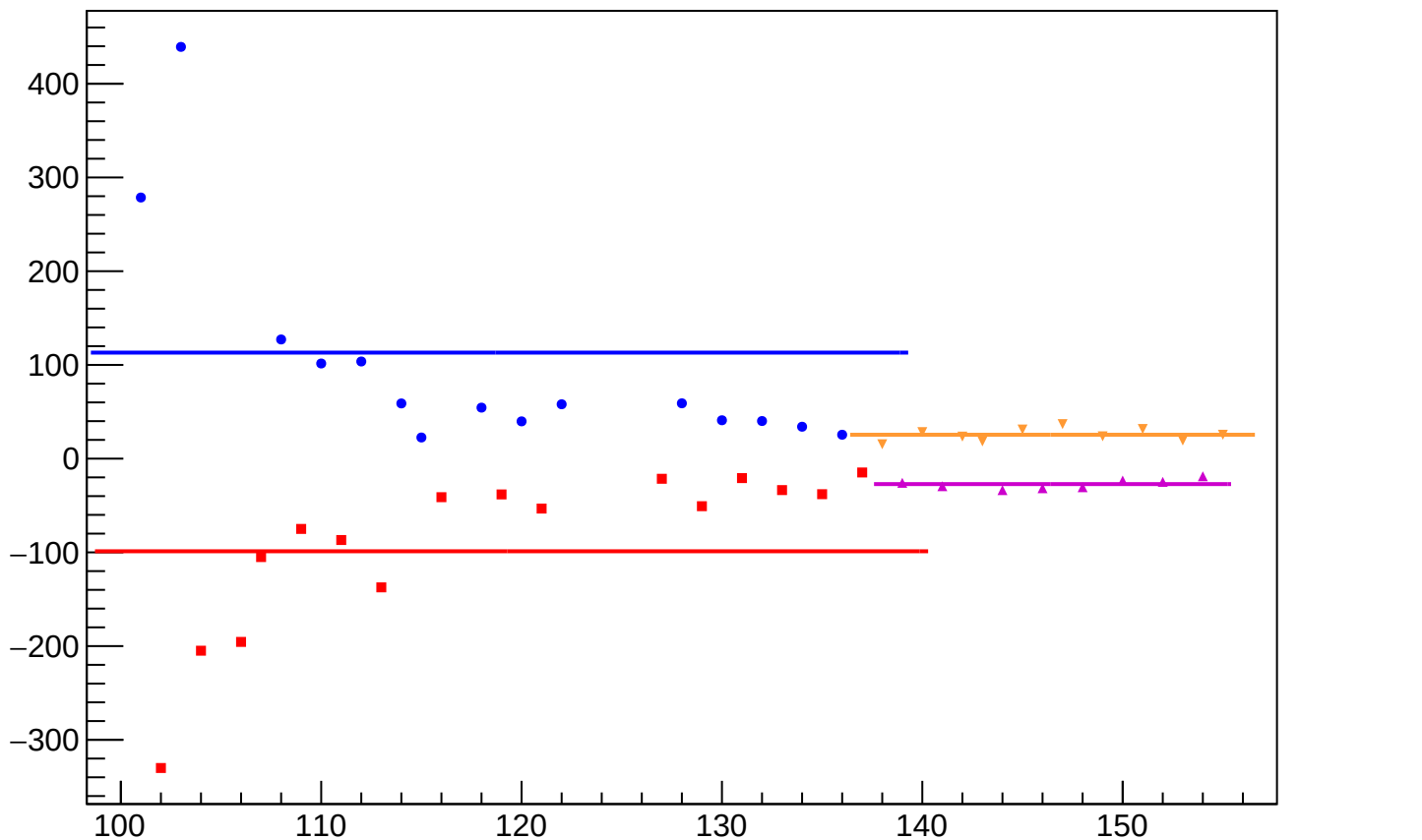
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7
 All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_sam1_coil6_mean vs Slug, Sign Corrected



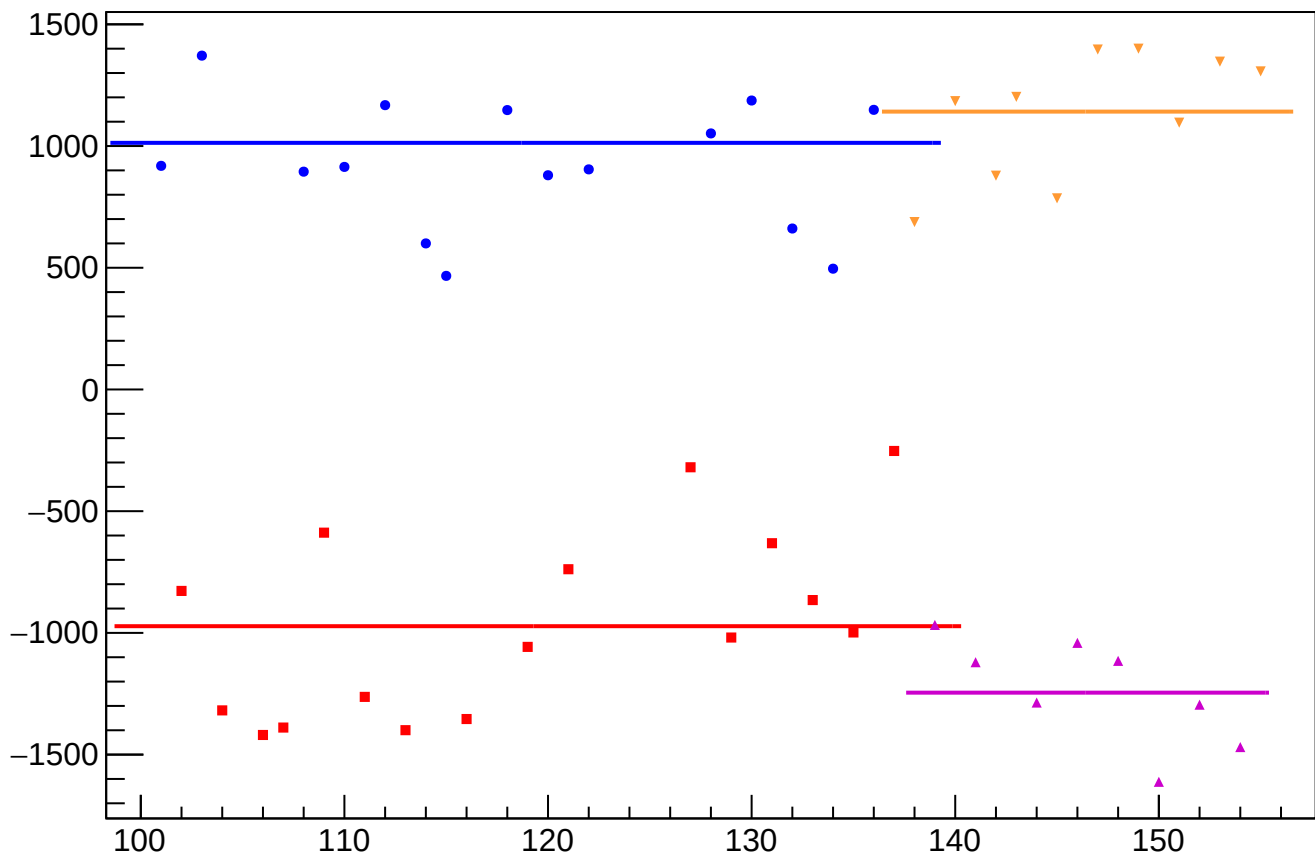
Left: -4.373 +/- 0.000 χ^2/NDF : 69258940997608136
 Right In: -337.865 +/- 0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Right: -99.949 +/- 0.000 χ^2/NDF : 316982138957514
 Left Out: -2079.779 +/- 0.000 χ^2/NDF : 44202193801020029423763257175561994240.0/9
 In: 1009.619 +/- 0.000 χ^2/NDF : 1746574159698892
 Right Out: 131.545 +/- 0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Out: -1044.724 +/- 0.000 χ^2/NDF : 18252362664545
 Left In: 2278.875 +/- 0.000 χ^2/NDF : 24842280269621776240310619451856781312.0/7
 All: -49.896 +/- 0.000 χ^2/NDF : 386304036938

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: 0.426 +/- 0.000 χ^2/NDF : 10471415684615588
 Right In: 113.134 +/- 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Right: 5.701 +/- 0.000 χ^2/NDF : 30279176036436111
 Left Out: 25.504 +/- 0.000 χ^2/NDF : 31143888482917883371764473061703680.0/9
 In: 40.888 +/- 0.000 χ^2/NDF : 16582619439929245
 Right Out: -98.833 +/- 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Out: -32.694 +/- 0.000 χ^2/NDF : 1102661528861096
 Left In: -27.163 +/- 0.000 χ^2/NDF : 14821852324625217570760211654770688.0/7
 All: 2.938 +/- 0.000 χ^2/NDF : 31345490169776

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

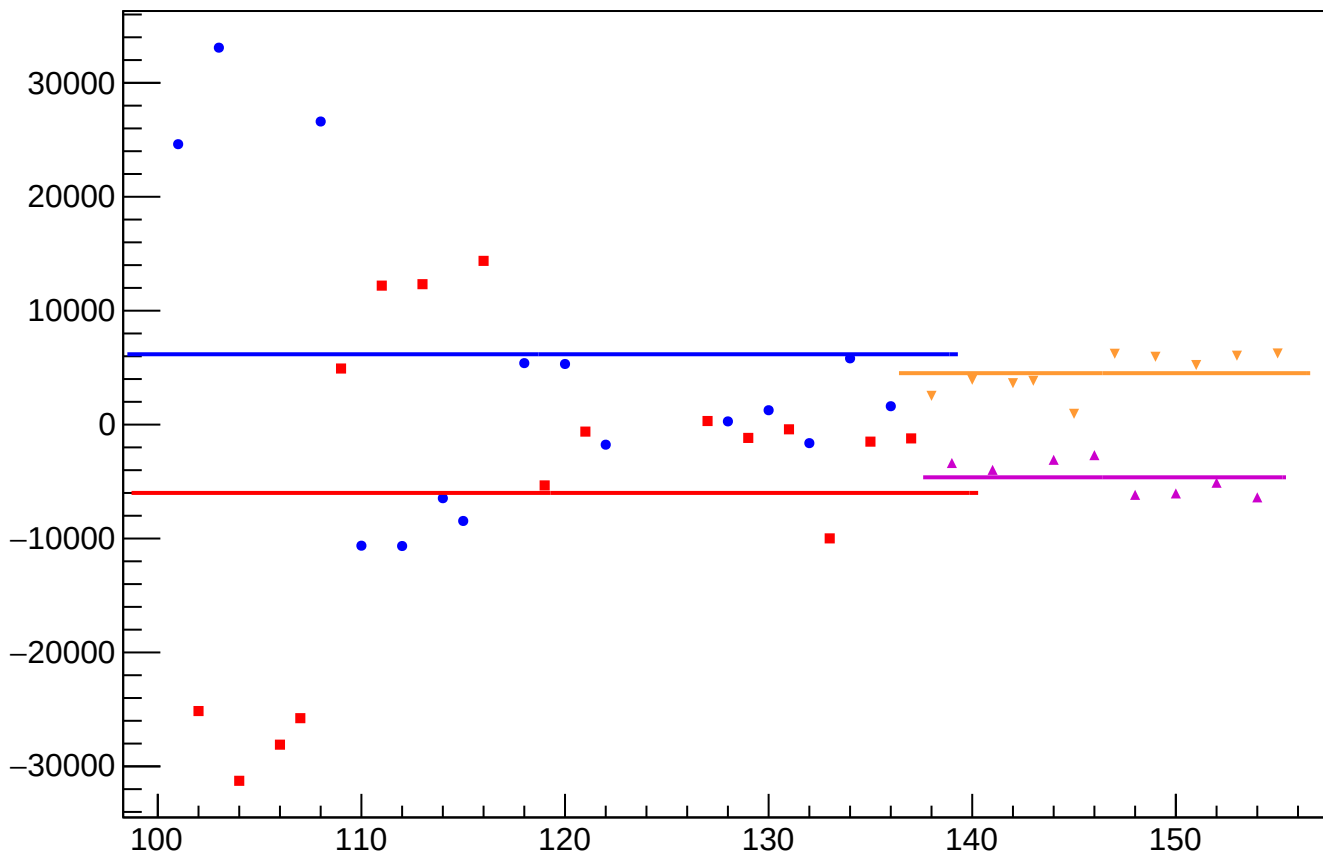
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

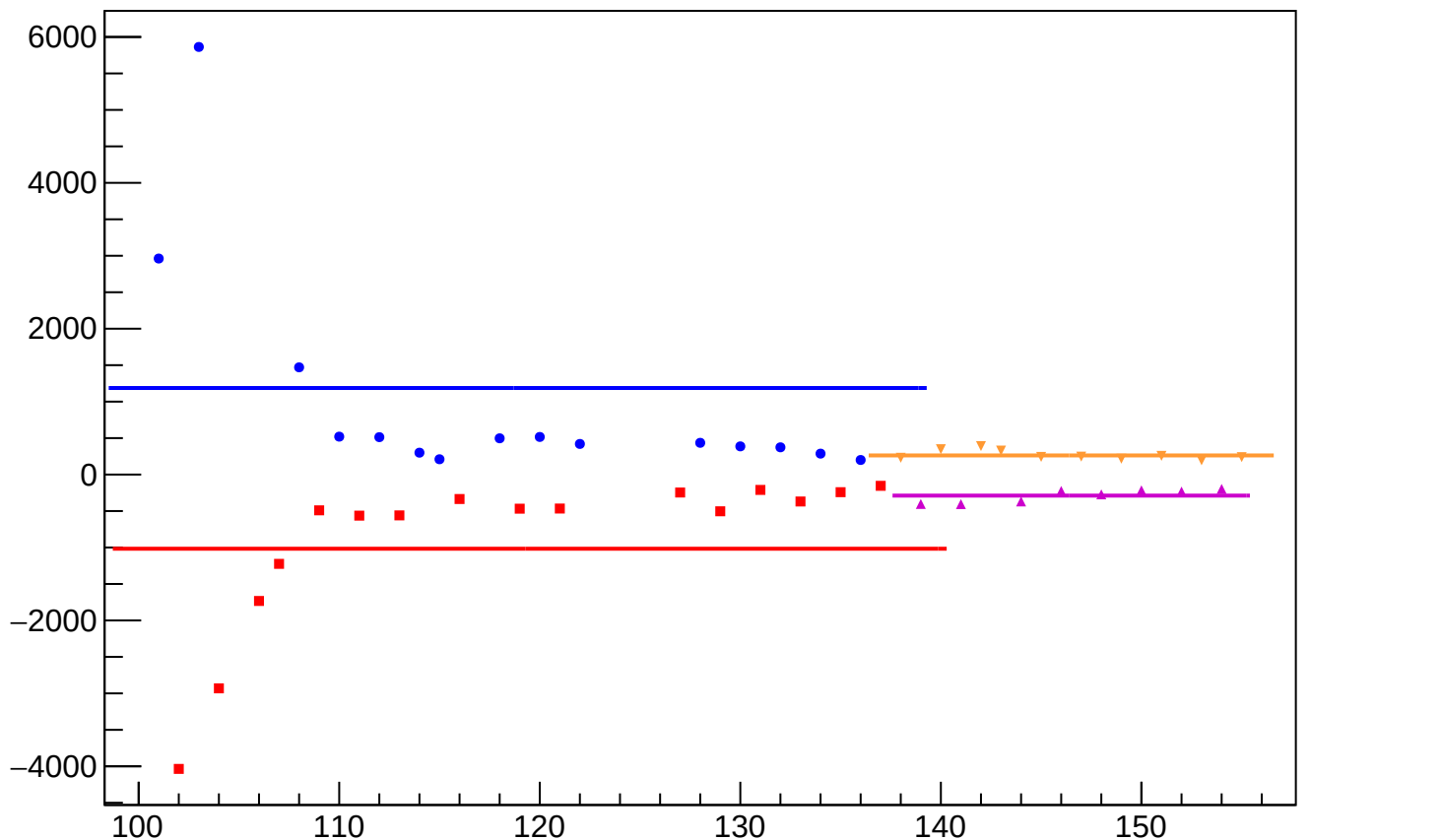
All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_sam2_coil6_mean vs Slug, Sign Corrected



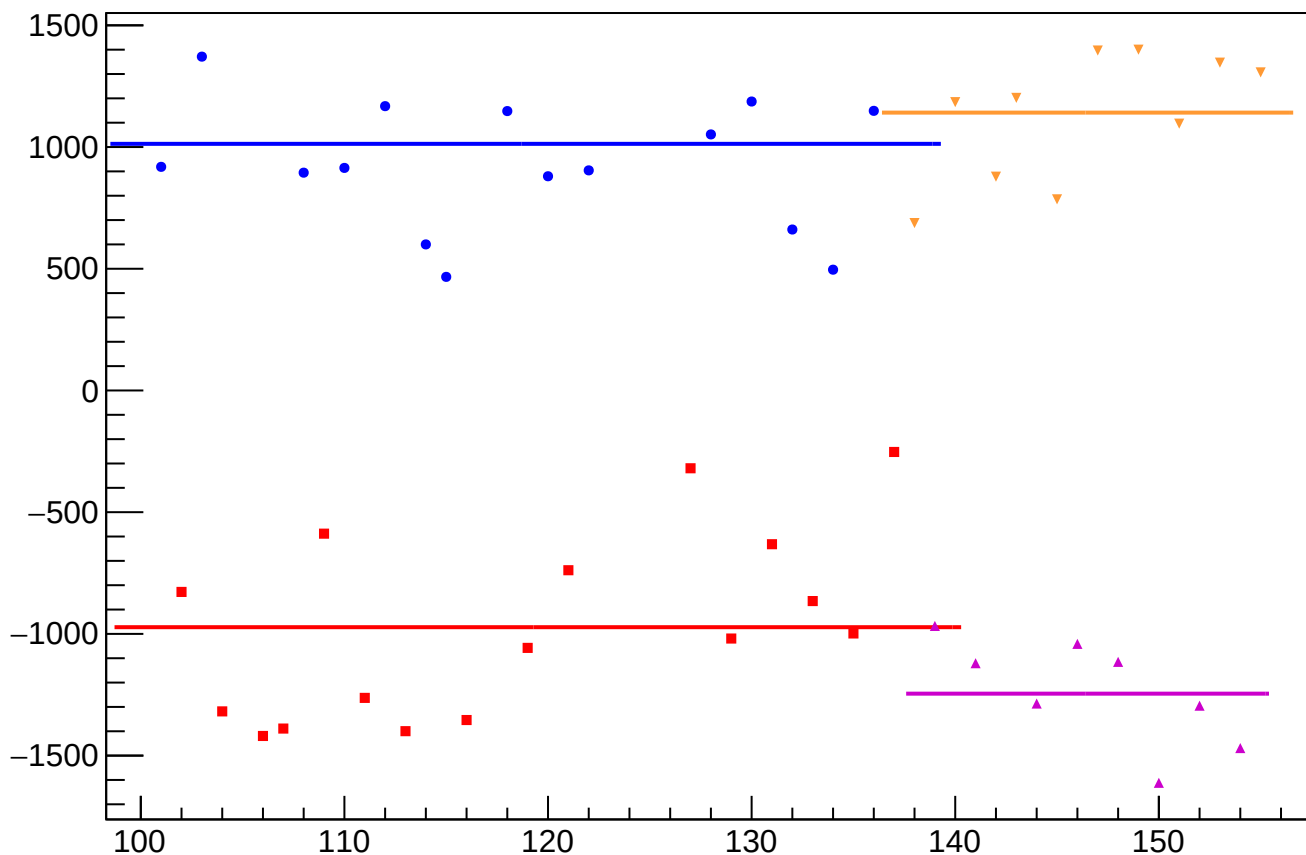
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4515.995+/-0.000 χ^2/NDF : 2312152027706777223361840671136459784192.0/9
 Right Out: -5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: -4626.113+/-0.000 χ^2/NDF : 1365394899138328792996720334330885308416.0/7
 All: 88.241+/-0.000 χ^2/NDF : 3369152001695

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.235+/-0.000 χ^2/NDF : 116537401620690198
 Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Right: 69.987+/-0.000 χ^2/NDF : 4321353447769683
 Left Out: 262.543+/-0.000 χ^2/NDF : 2382268364200310849575633986661646336.0/9
 In: 427.202+/-0.000 χ^2/NDF : 25283670243318965
 Right Out: -1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Out: -336.247+/-0.000 χ^2/NDF : 151066945119381
 Left In: -288.341+/-0.000 χ^2/NDF : 4623270574753261309958994311157645312.0/7
 All: 33.458+/-0.000 χ^2/NDF : 4441243991250

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

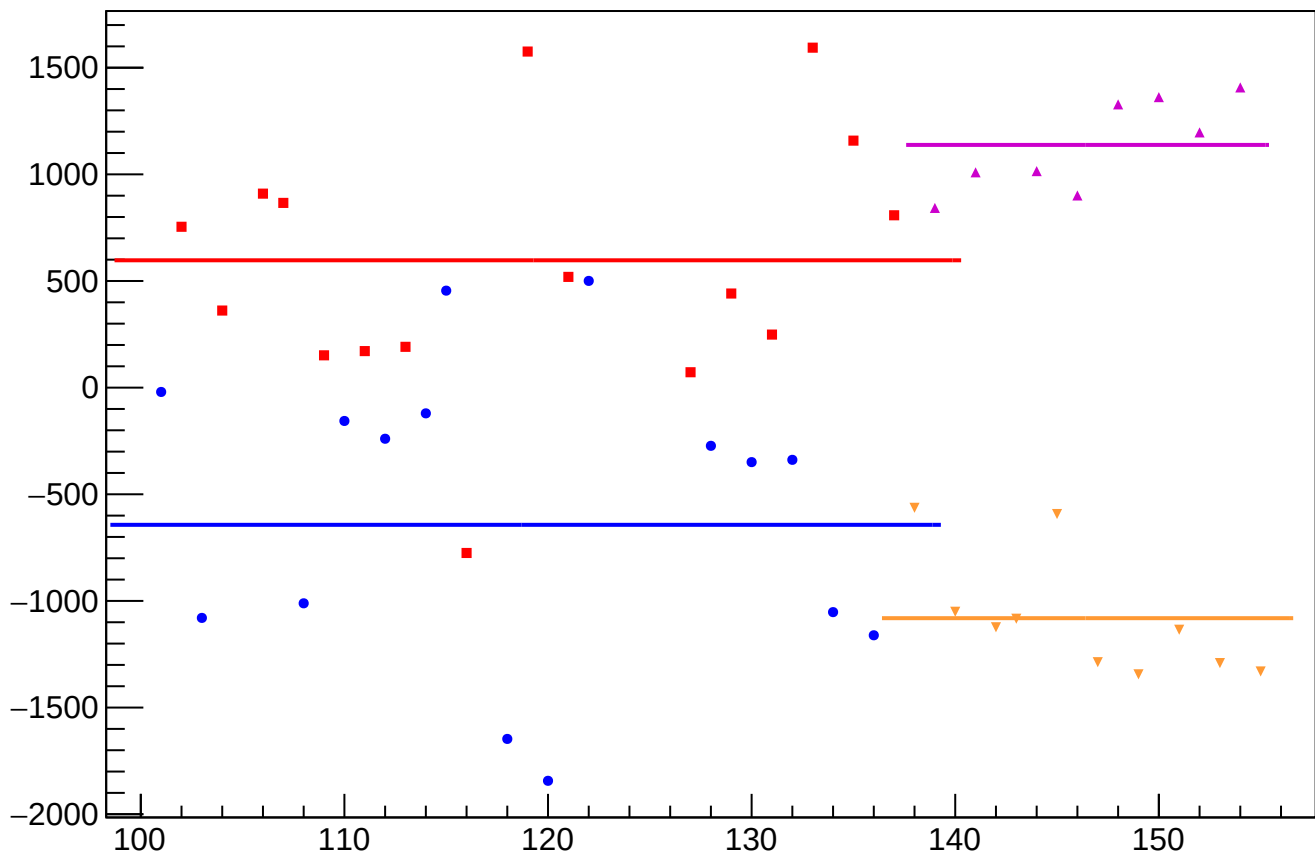
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000

Left Out: -1080.896+/-0.000

Right Out: 597.043+/-0.000

Left In: 1138.005+/-0.000

χ^2/NDF : 272726964608206694027285159784925364224.0/14

χ^2/NDF : 58487997372661956721625503468217171968.0/9

χ^2/NDF : 210733370798031449363504004319005376512.0/15

χ^2/NDF : 28844955817168408155536944270166458368.0/7

Left: -24.350+/-0.000 χ^2/NDF : 1864367323936085

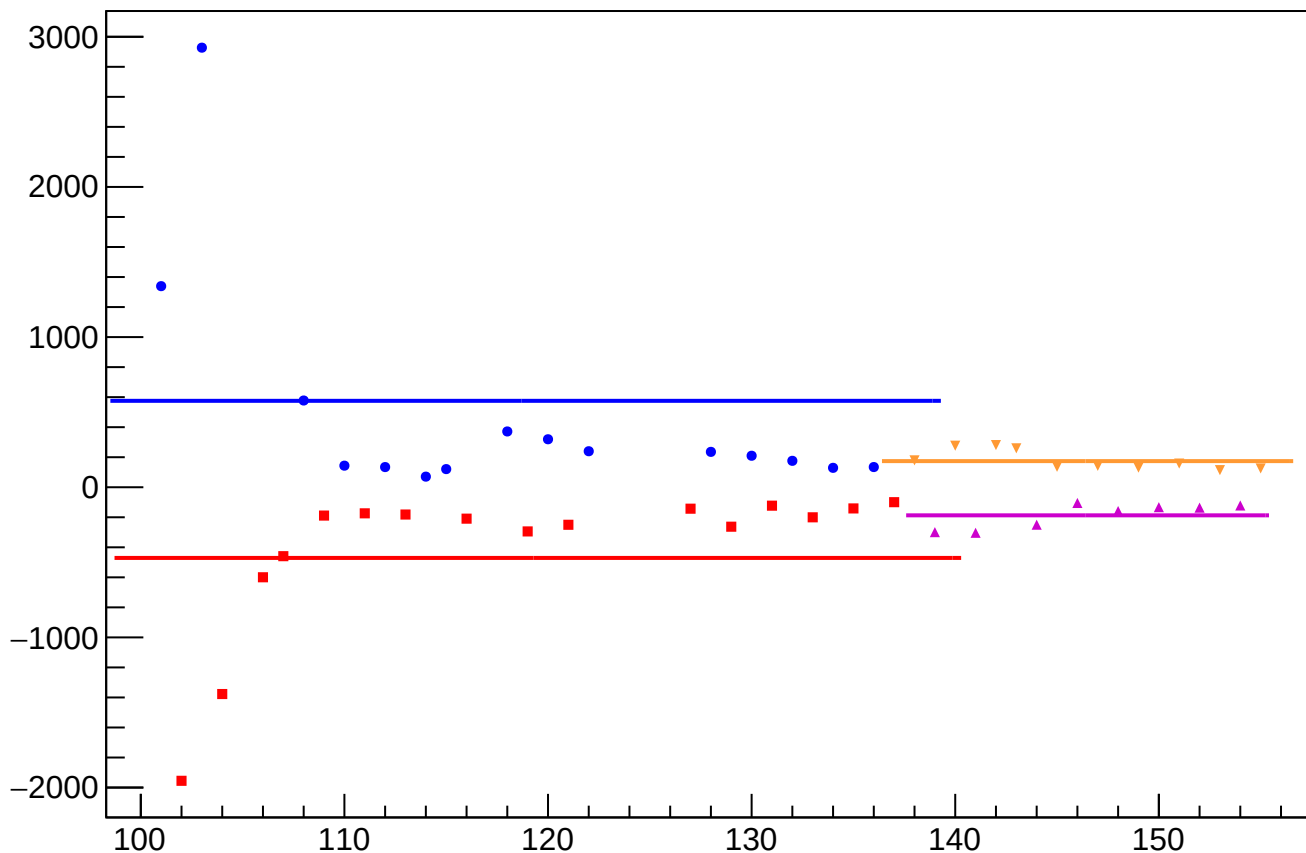
Right: -14.605+/-0.000 χ^2/NDF : 989448118075246

In: 274.019+/-0.000 χ^2/NDF : 1361908832249308

Out: -295.503+/-0.000 χ^2/NDF : 126814567730909

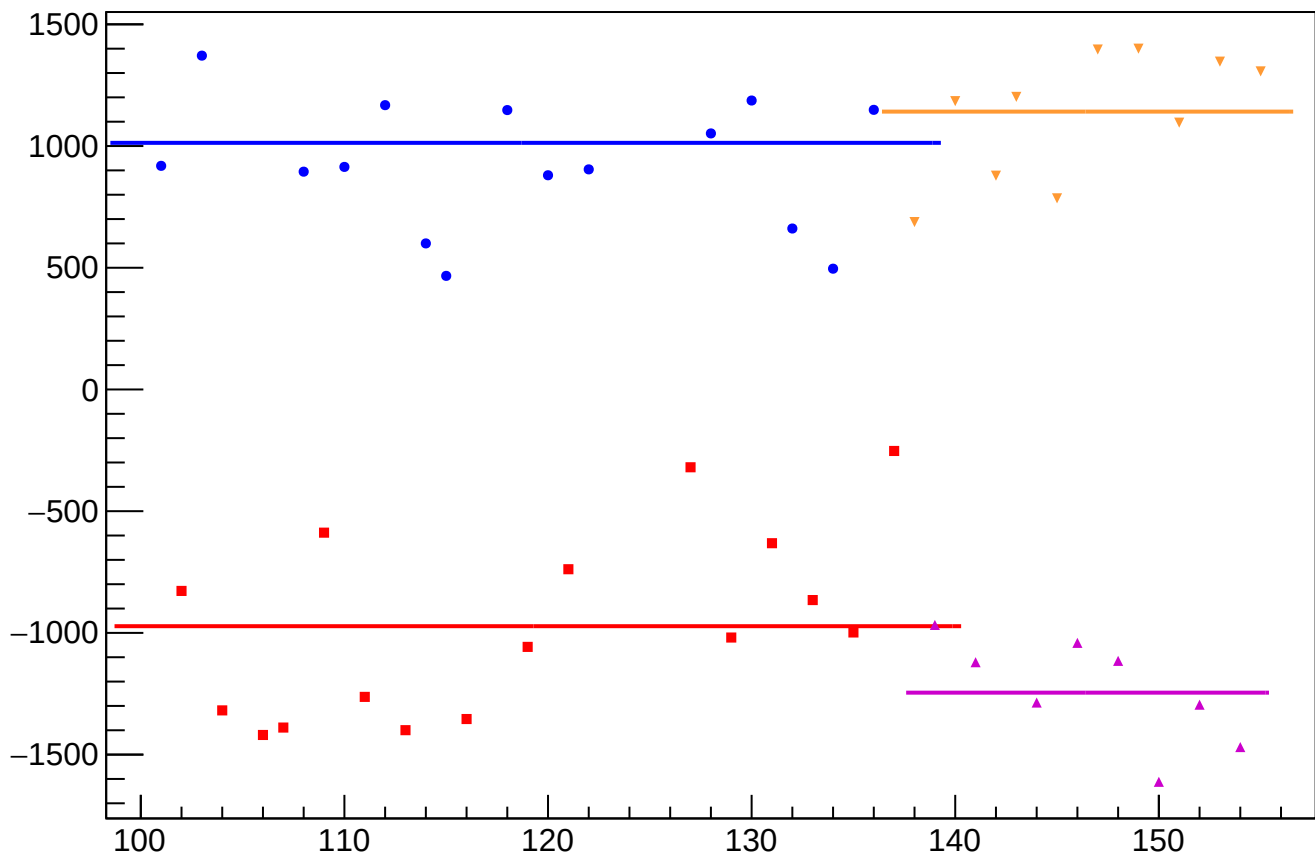
All: -19.709+/-0.000 χ^2/NDF : 285388088650

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Left Out: 174.014+/-0.000 χ^2/NDF : 2747347979995131732636802730898227200.0/9
 Right Out: -470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15
 Left In: -187.060+/-0.000 χ^2/NDF : 4019080206850459785781088801030930432.0/7
 All: 22.645+/-0.000 χ^2/NDF : 1057159980203

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

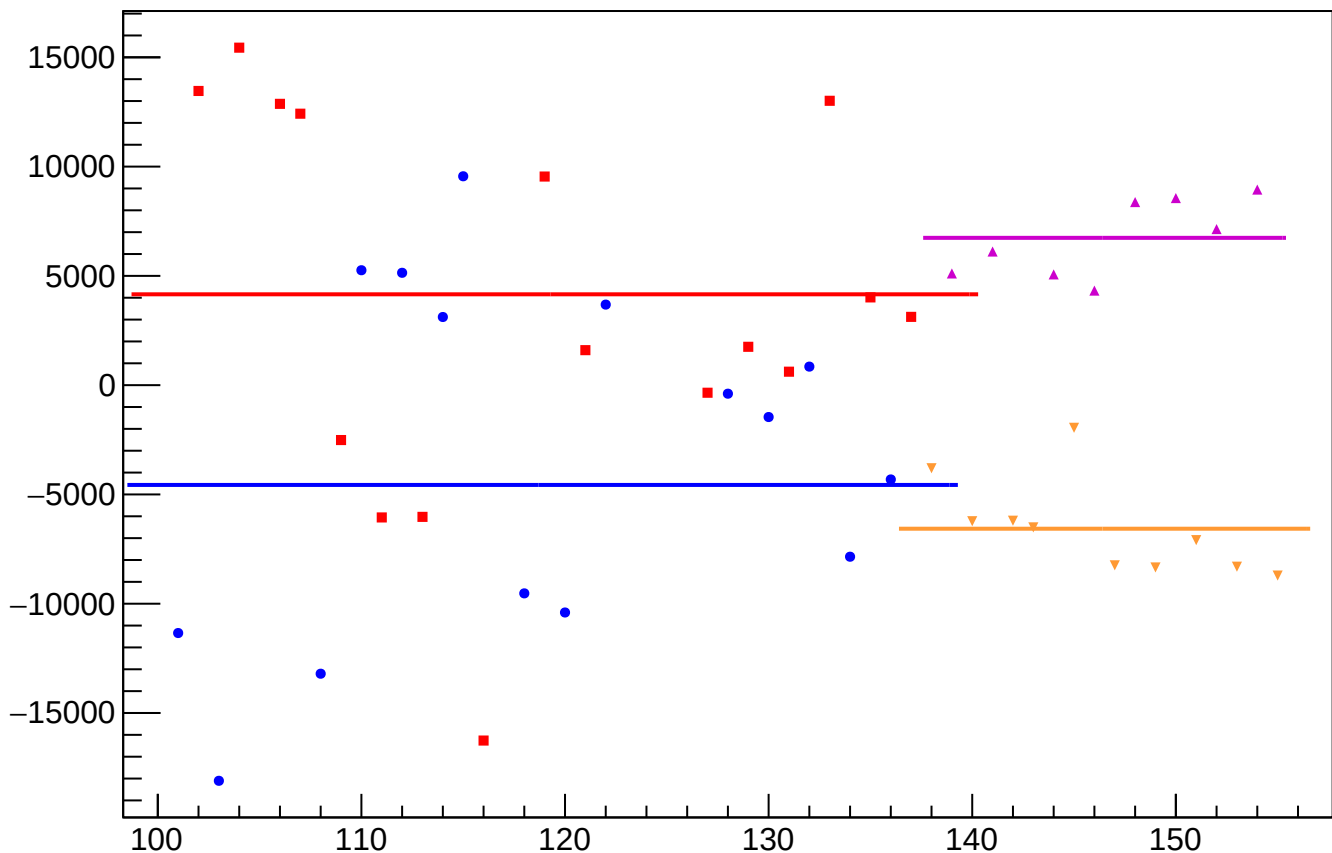
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412+/-0.000

Left Out: -6568.401+/-0.000

Right Out: 4156.859+/-0.000

Left In: 6740.468+/-0.000

χ^2/NDF : 35667768247432289984899042725155487875072.0/14

χ^2/NDF : 3468129038283888914219191313582375567360.0/9

χ^2/NDF : 45539455441659927157708443099930682195968.0/15

χ^2/NDF : 1955578603110528311190044152503505780736.0/7

Left: -231.283+/-0.000

Right: -144.626+/-0.000

In: 1256.524+/-0.000

Out: -1548.227+/-0.000

All: -190.009+/-0.000

χ^2/NDF : 693533378211143

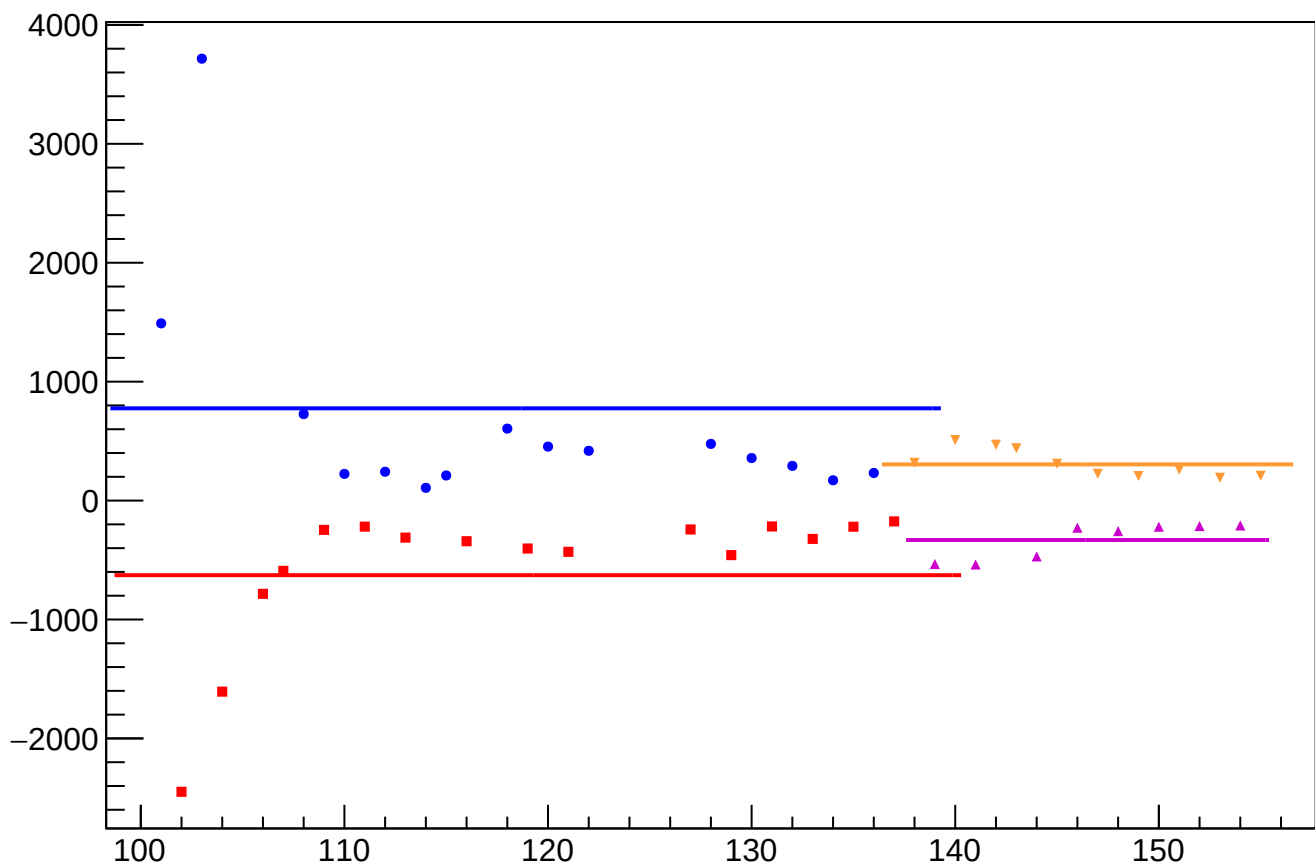
χ^2/NDF : 10623220696347

χ^2/NDF : 803418995247796

χ^2/NDF : 89820333501564

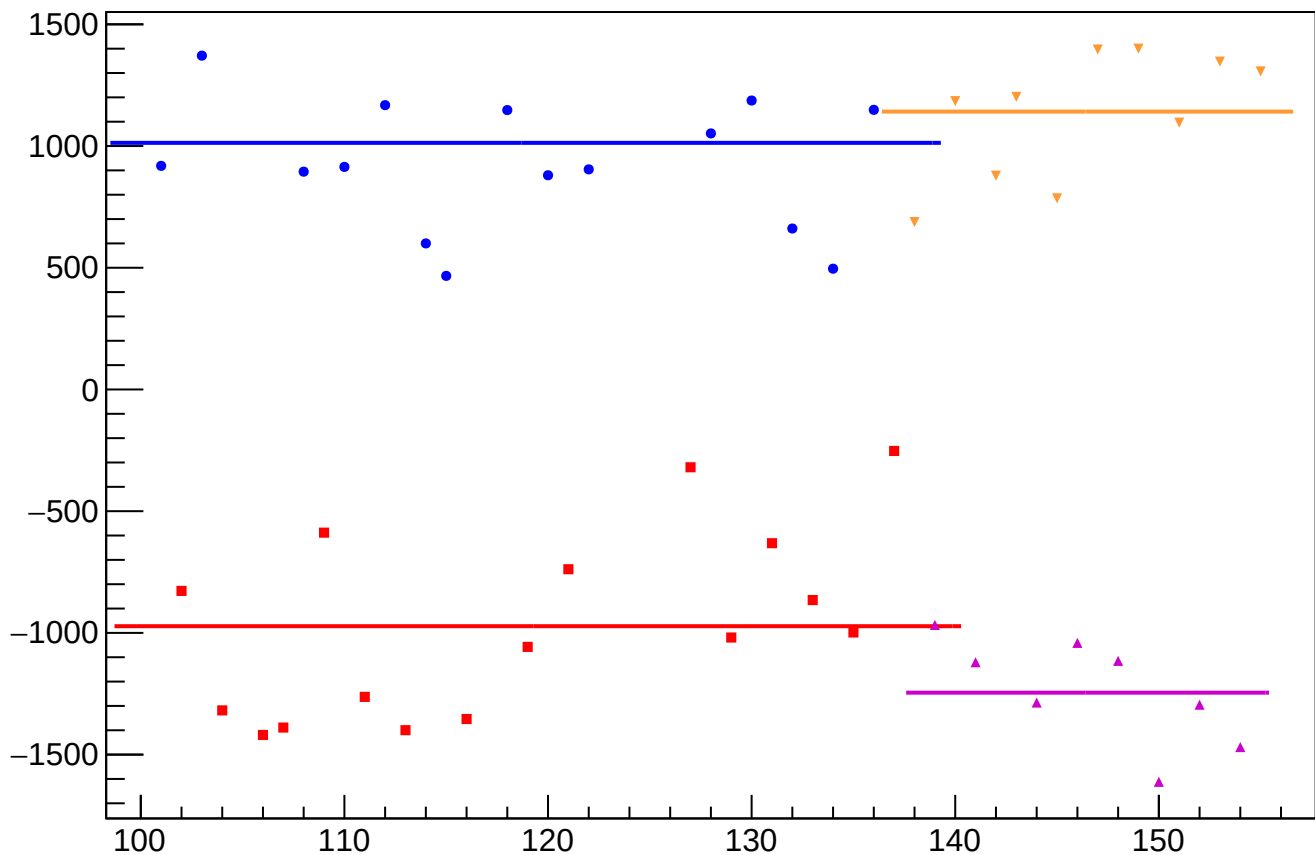
χ^2/NDF : 17559072024

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14
 Left Out: 304.250+/-0.000 χ^2/NDF : 9180743588464959430384510140158050304.0/9
 Right Out: -627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15
 Left In: -331.420+/-0.000 χ^2/NDF : 13639777556781554498958533699840245760.0/7
 All: 31.619+/-0.000 χ^2/NDF : 175839412888

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000

χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: -972.465+/-0.000

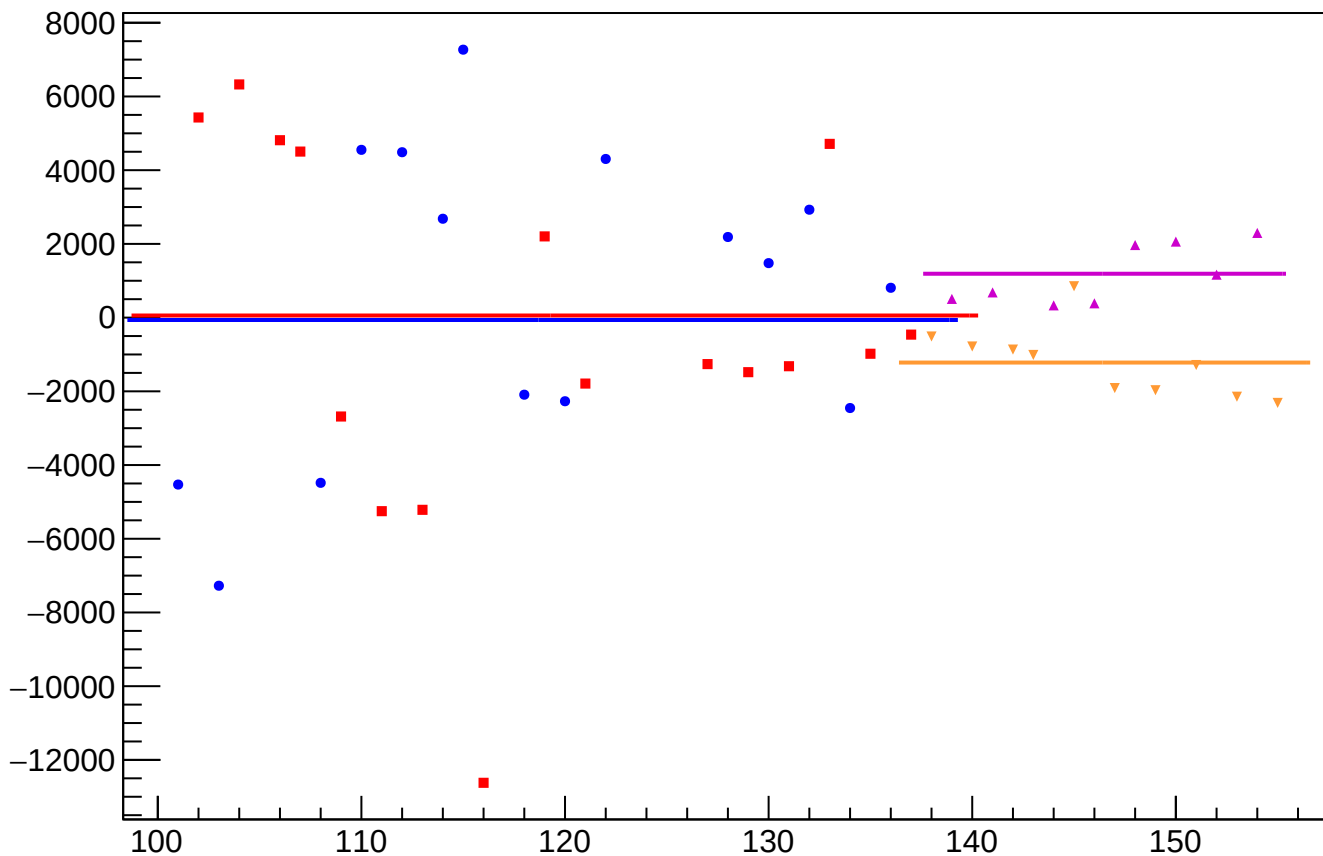
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1245.509+/-0.000

χ^2/NDF : 29517629202305629895835280294763560960.0/7

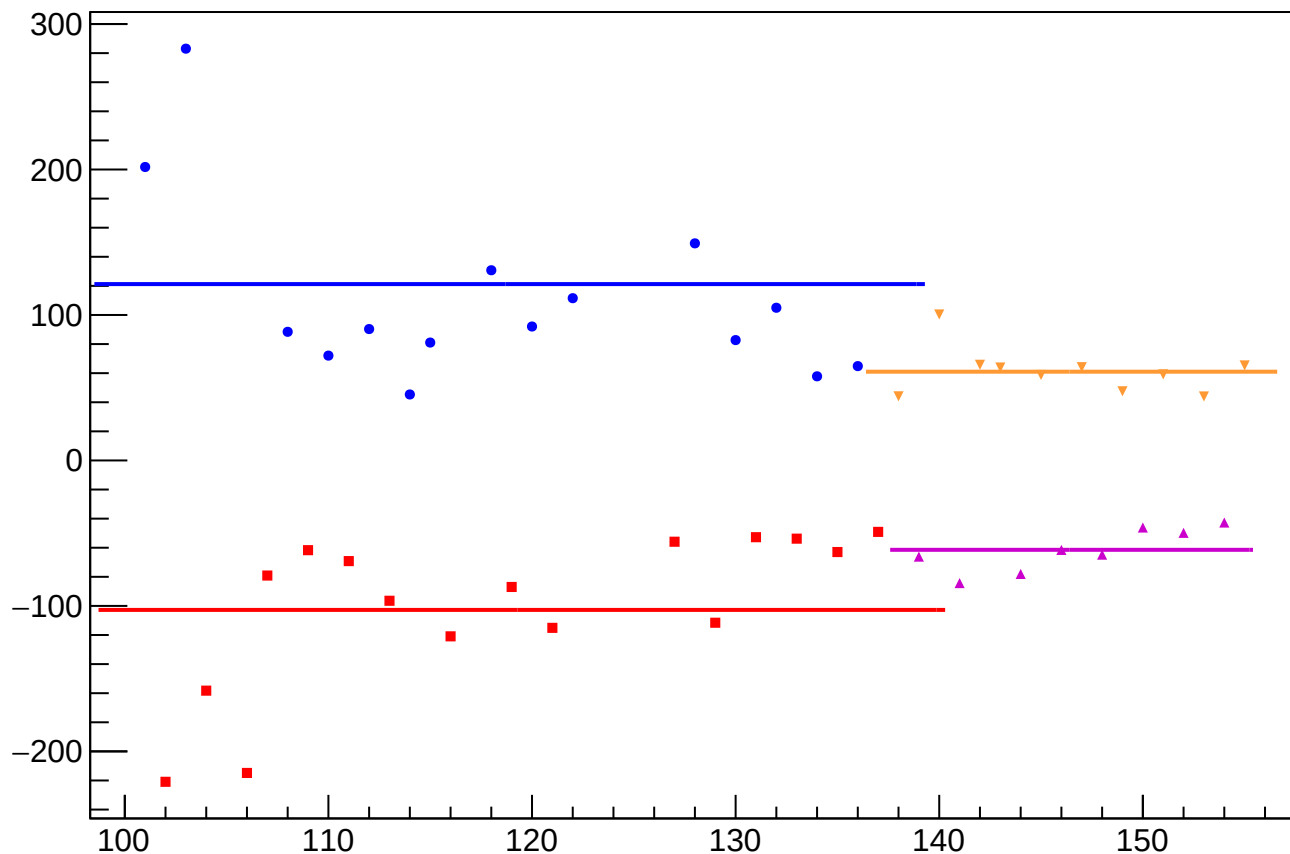
All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_sam5_coil6_mean vs Slug, Sign Corrected



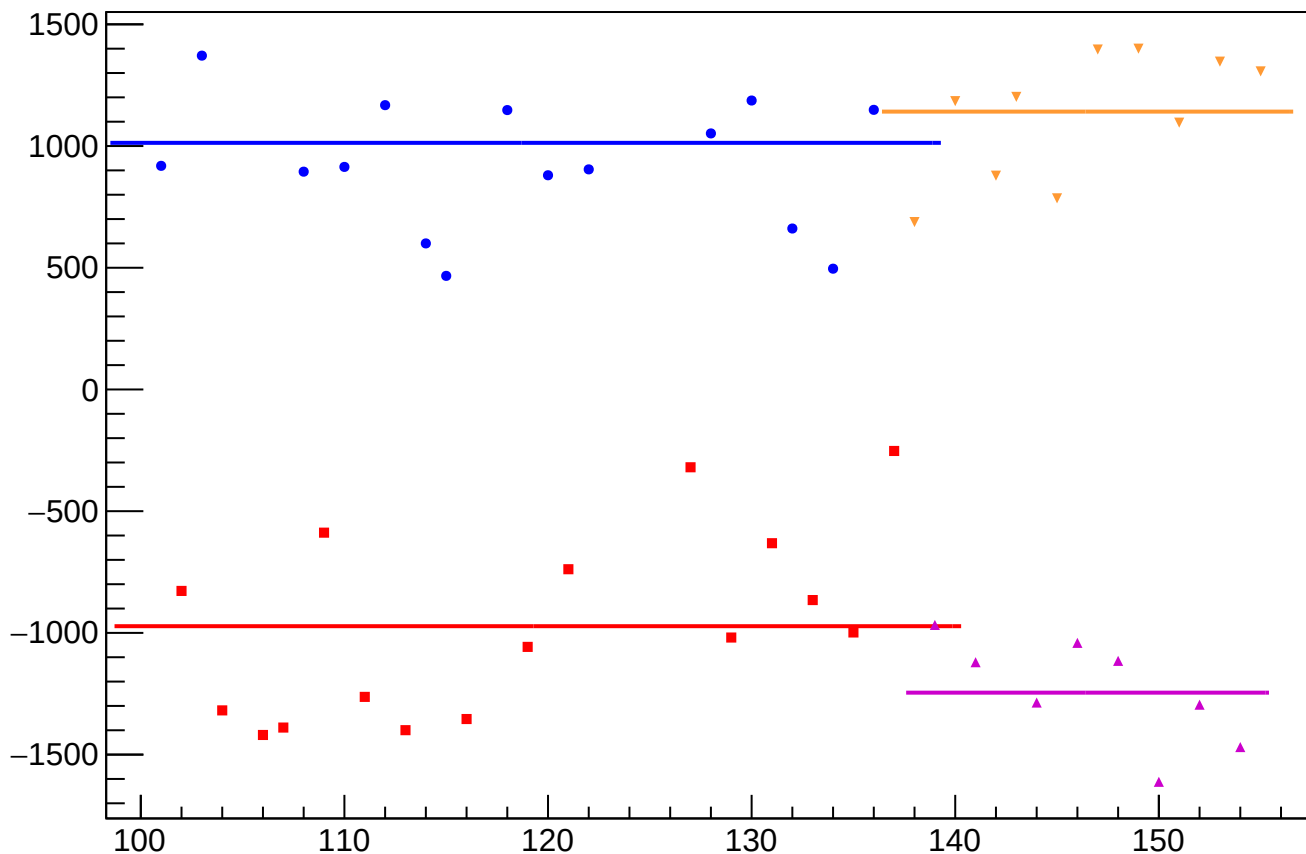
Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
 Left Out: -1219.234+/-0.000 χ^2/NDF : 664347313838040971541874297411236528128.0/9
 Right Out: 57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15
 Left In: 1190.236+/-0.000 χ^2/NDF : 407975952528458736493860490727991017472.0/7
 All: -39.073+/-0.000 χ^2/NDF : 265710628324

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14
 Left Out: 61.014 $\pm$ 0.000 χ^2 /NDF: 193718937376102099298036046075265024.0/9
 Right Out: -102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15
 Left In: -61.440 $\pm$ 0.000 χ^2 /NDF: 136150050284622918922244984796086272.0/7
 All: 5.089 $\pm$ 0.000 χ^2 /NDF: 26951408018650

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

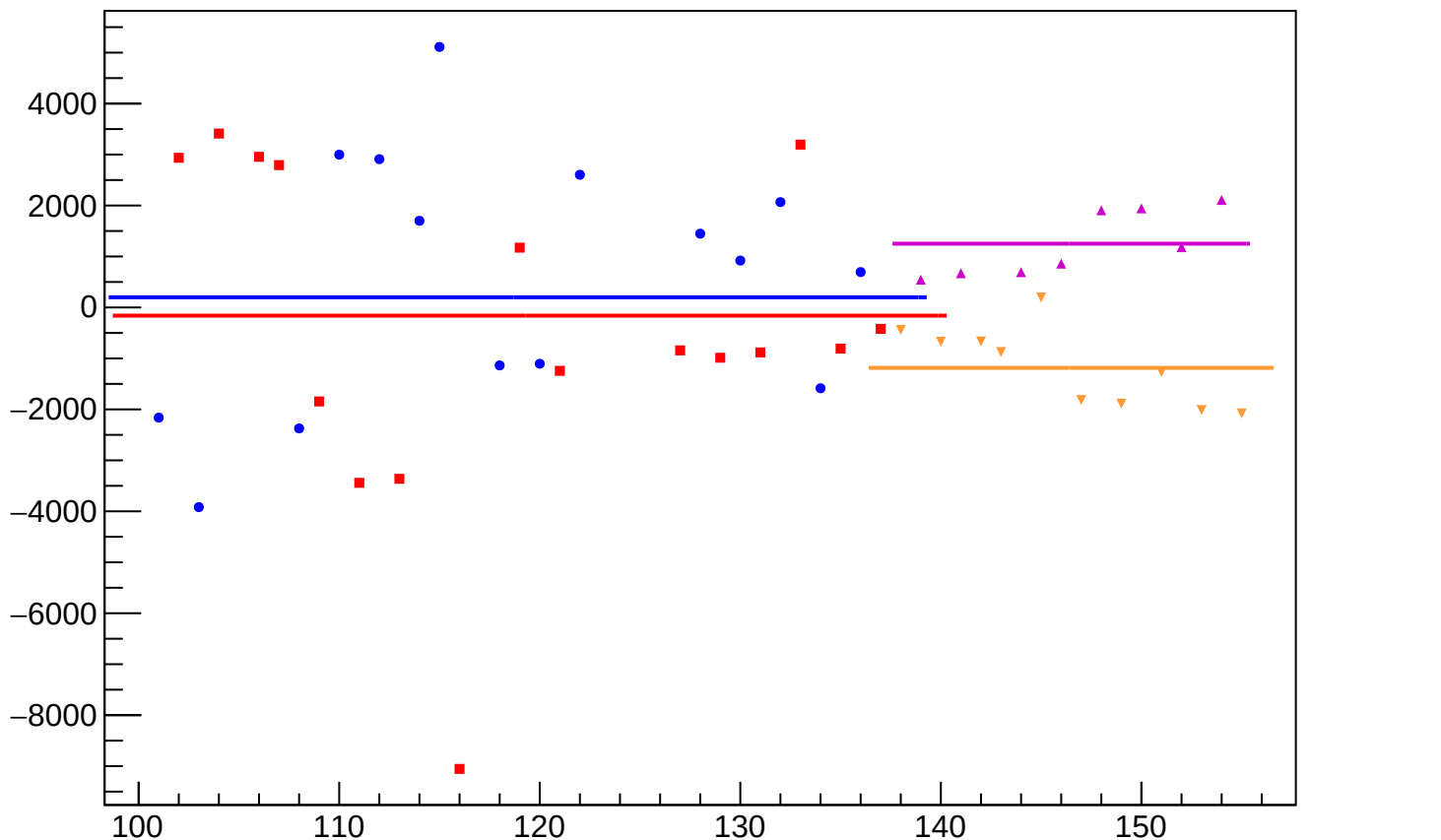
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

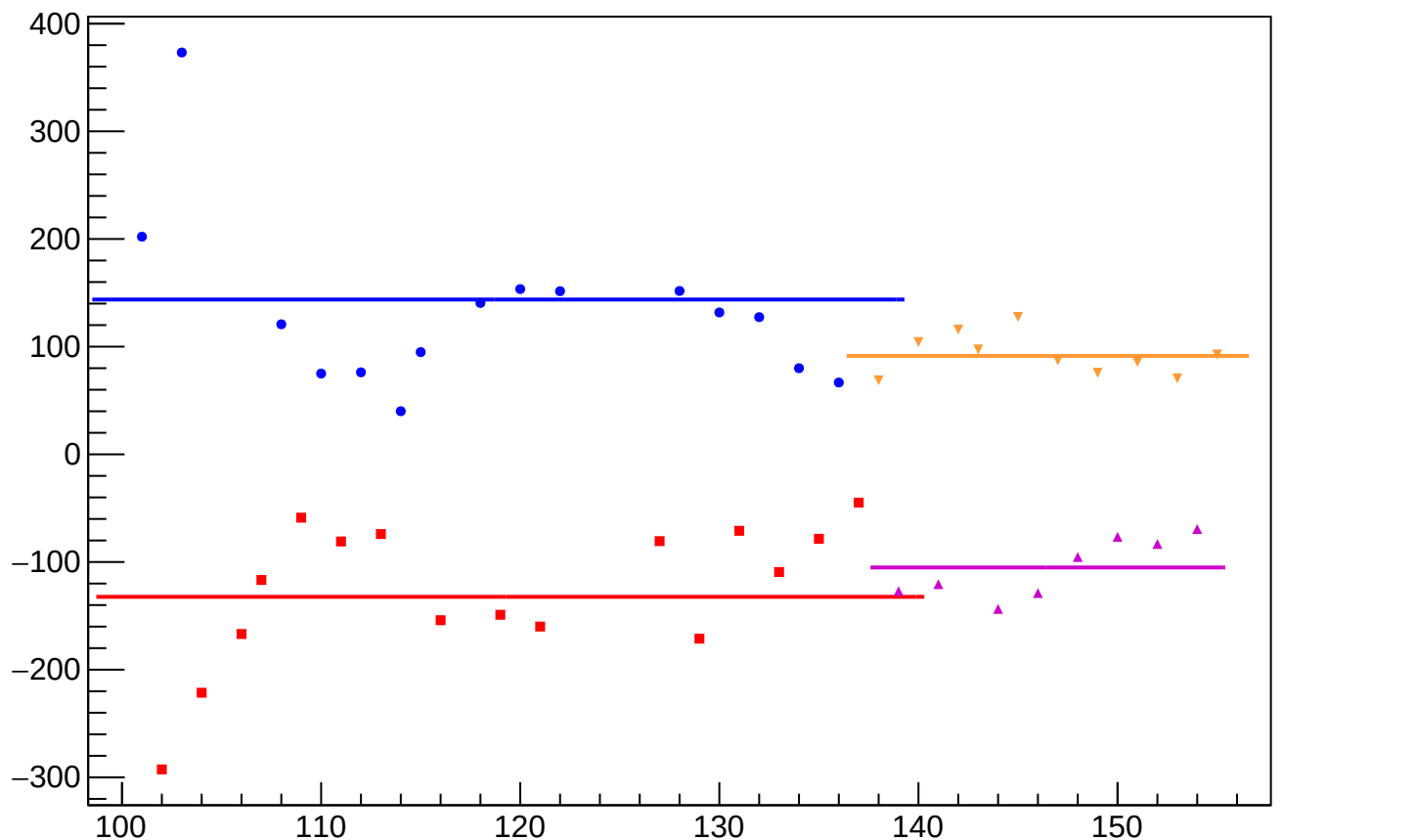
All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_sam6_coil6_mean vs Slug, Sign Corrected



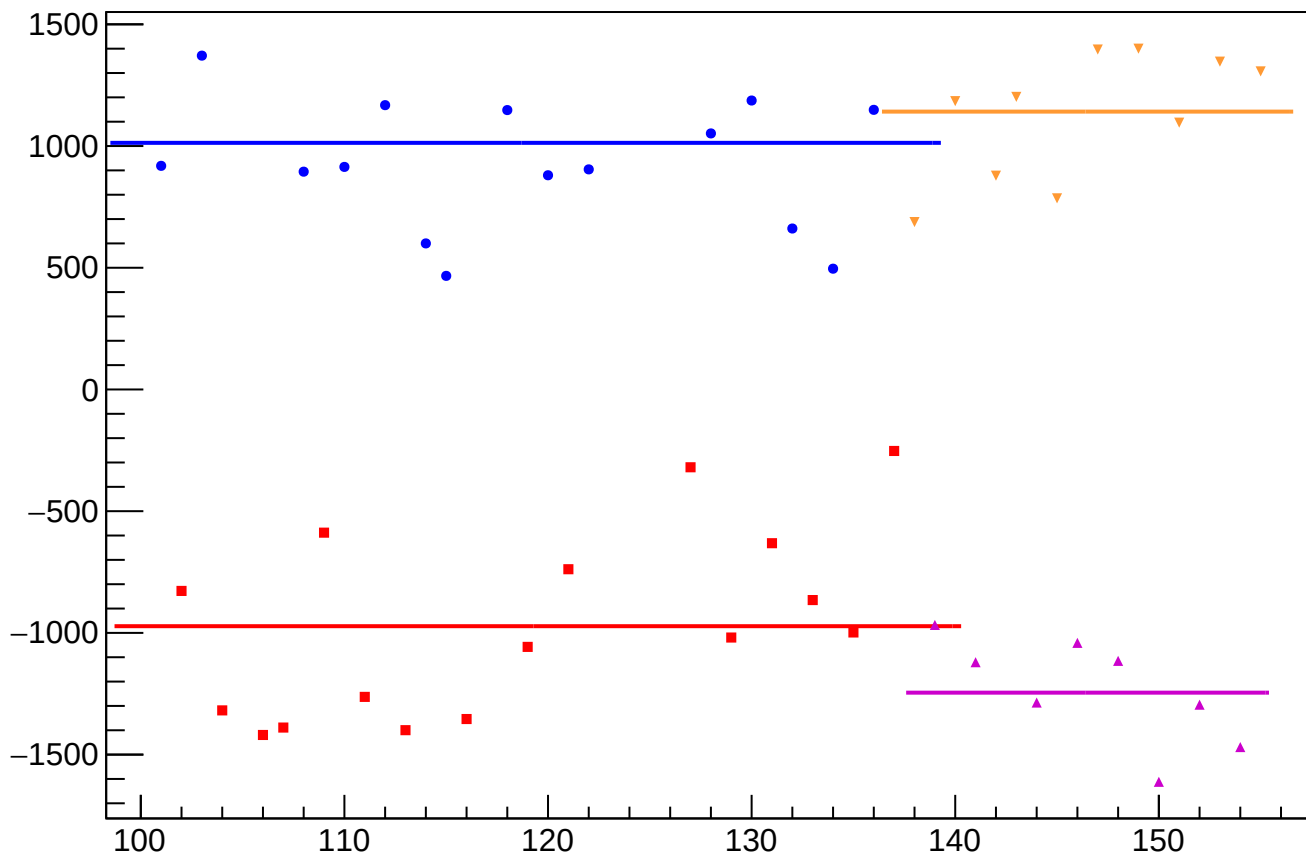
Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -1184.748+/-0.000 χ^2/NDF : 432905333595248491416996846634629332992.0/9
 Right Out: -160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: 1251.197+/-0.000 χ^2/NDF : 255286065009125151667520264105422225408.0/7
 All: -4.903+/-0.000 χ^2/NDF : 1182245361096

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -2.157 +/- 0.000 χ^2/NDF : 14662564919556517
 Right In: 143.764 +/- 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14
 Right: 3.823 +/- 0.000 χ^2/NDF : 32765016379949297
 Left Out: 91.410 +/- 0.000 χ^2/NDF : 251050116293511073487697921590689792.0/9
 In: 15.614 +/- 0.000 χ^2/NDF : 256865882636713019
 Right Out: -132.341 +/- 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15
 Out: -13.321 +/- 0.000 χ^2/NDF : 2118789319441921
 Left In: -105.095 +/- 0.000 χ^2/NDF : 474492172118886574721280946812747776.0/7
 All: 0.691 +/- 0.000 χ^2/NDF : 47452231116242

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

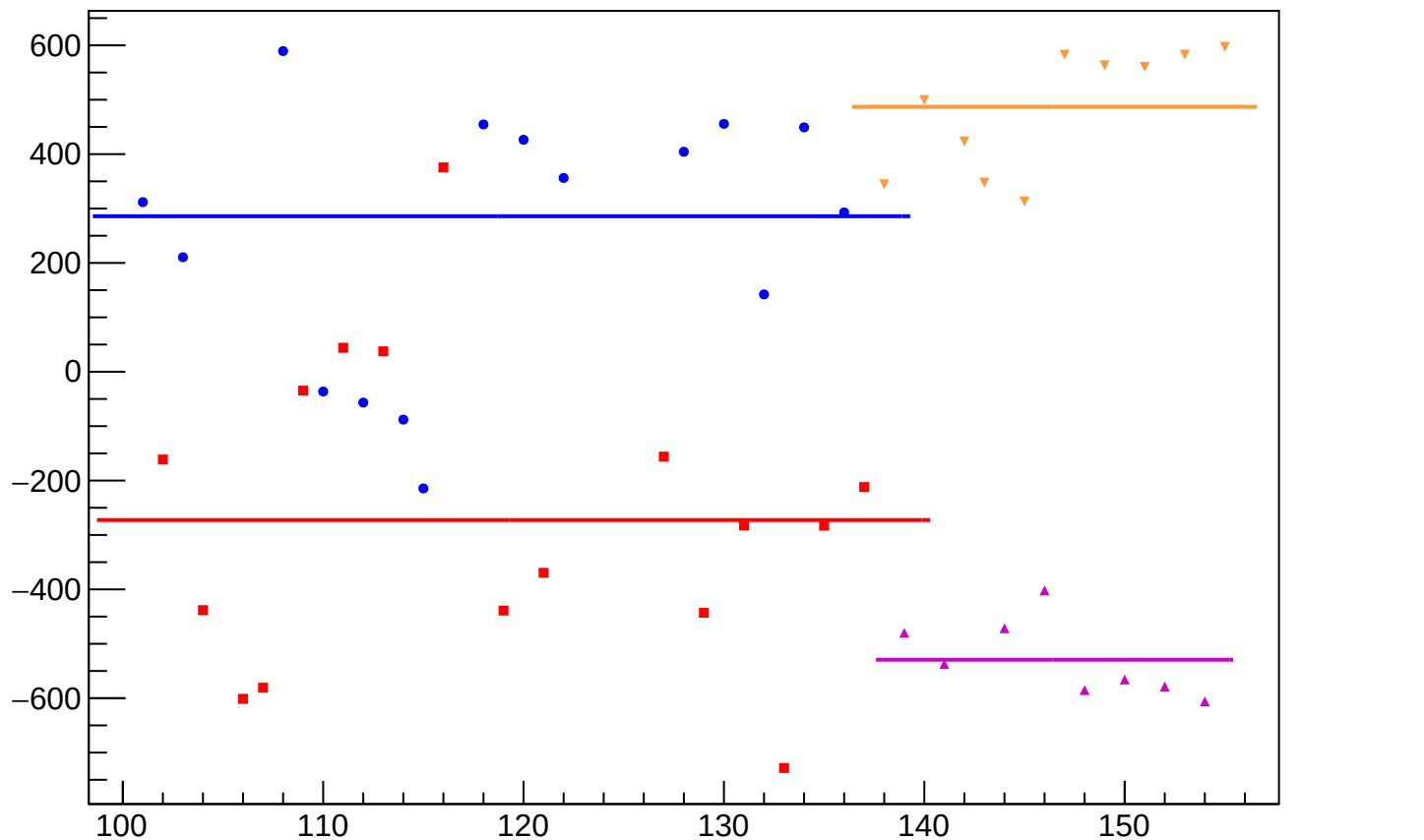
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 285.856 +/- 0.000

χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 487.003 +/- 0.000

χ^2/NDF : 8909216751864577894828521931944230912.0/9

Right Out: -272.539 +/- 0.000

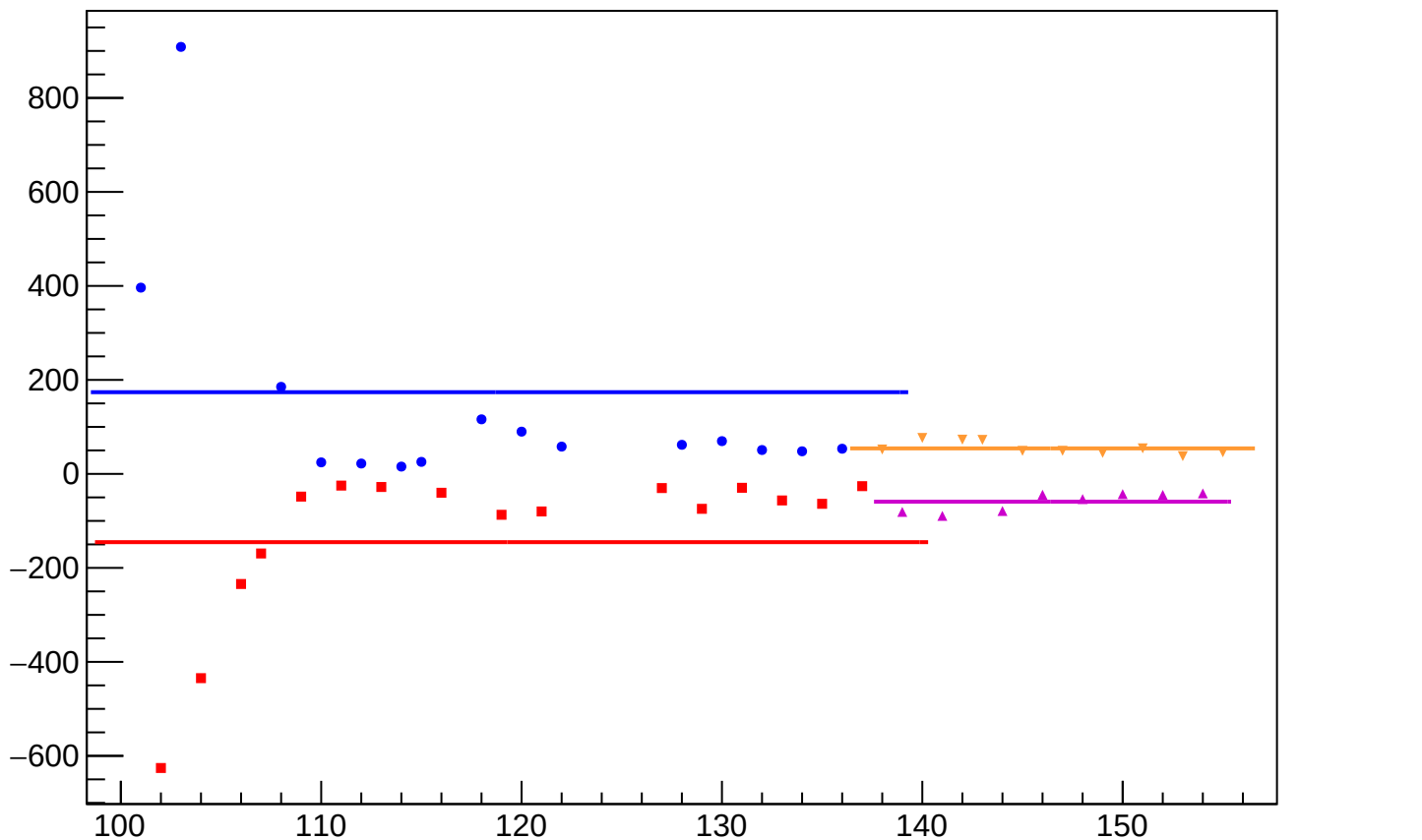
χ^2/NDF : 44149952665075593650338713333575712768.0/15

Left In: -529.271 +/- 0.000

χ^2/NDF : 2962518492441283447355685929450733568.0/7

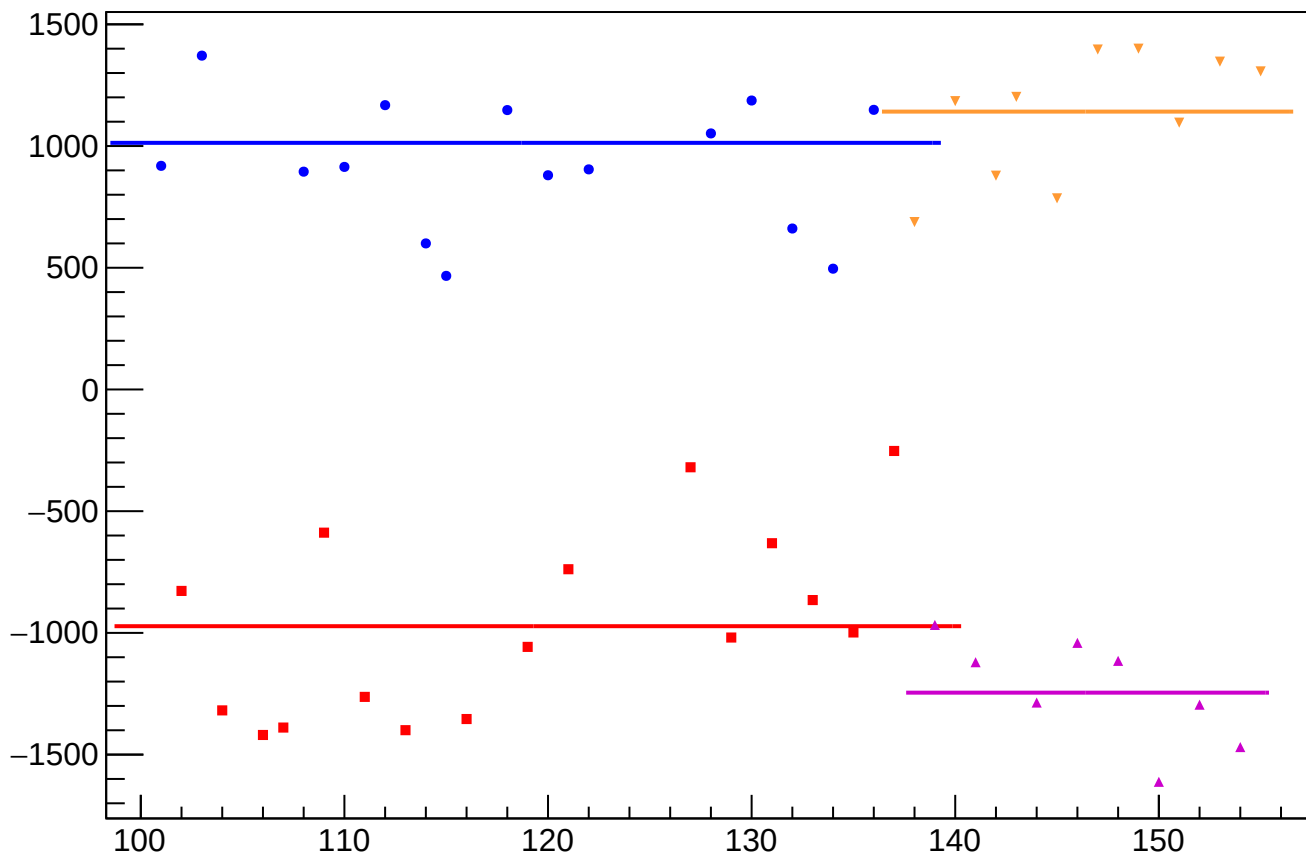
All: 2.974 +/- 0.000 χ^2/NDF : 55546464152928

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 173.871 $\pm$ 0.000 χ^2 /NDF: 41705473404466232613073704554990665728.0/14
 Left Out: 54.252 $\pm$ 0.000 χ^2 /NDF: 119907643635528455059731615575965696.0/9
 Right Out: -145.228 $\pm$ 0.000 χ^2 /NDF: 22529615719408594720785265744437837824.0/15
 Left In: -59.221 $\pm$ 0.000 χ^2 /NDF: 241246517293045439651979224619679744.0/7
 All: 5.897 $\pm$ 0.000 χ^2 /NDF: 10283541126490

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

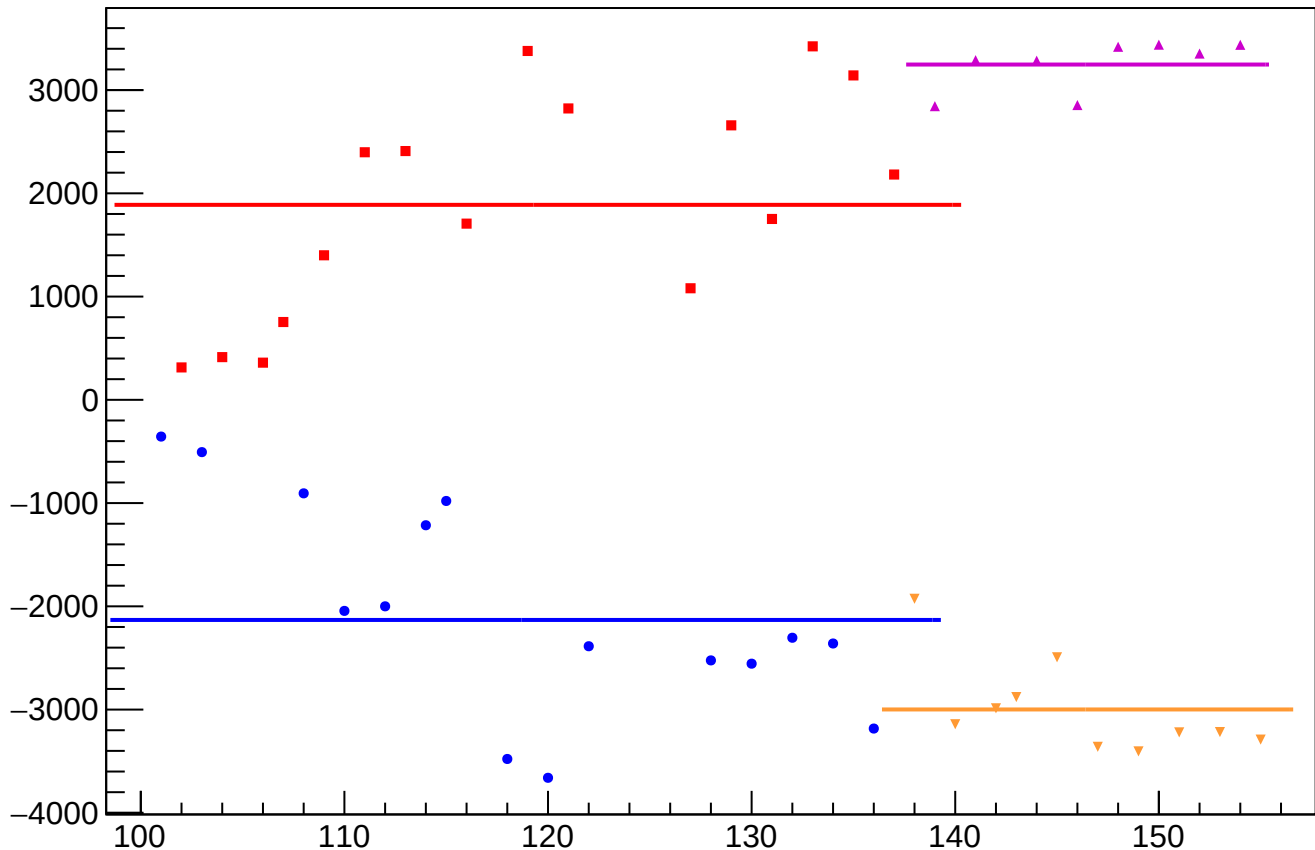
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905+/-0.000

Left Out: -2998.809+/-0.000

Right Out: 1888.448+/-0.000

Left In: 3247.257+/-0.000

χ^2/NDF : 722433384570495071131450661983670501376.0/14

χ^2/NDF : 151679249116651850285118694830010007552.0/9

χ^2/NDF : 791986665551980691032719862611769819136.0/15

χ^2/NDF : 36313721148912447674835310552675254272.0/7

Left: -24.698+/-0.000

Right: -94.234+/-0.000

In: 638.082+/-0.000

Out: -711.230+/-0.000

All: -57.817+/-0.000

χ^2/NDF : 1426897784464534

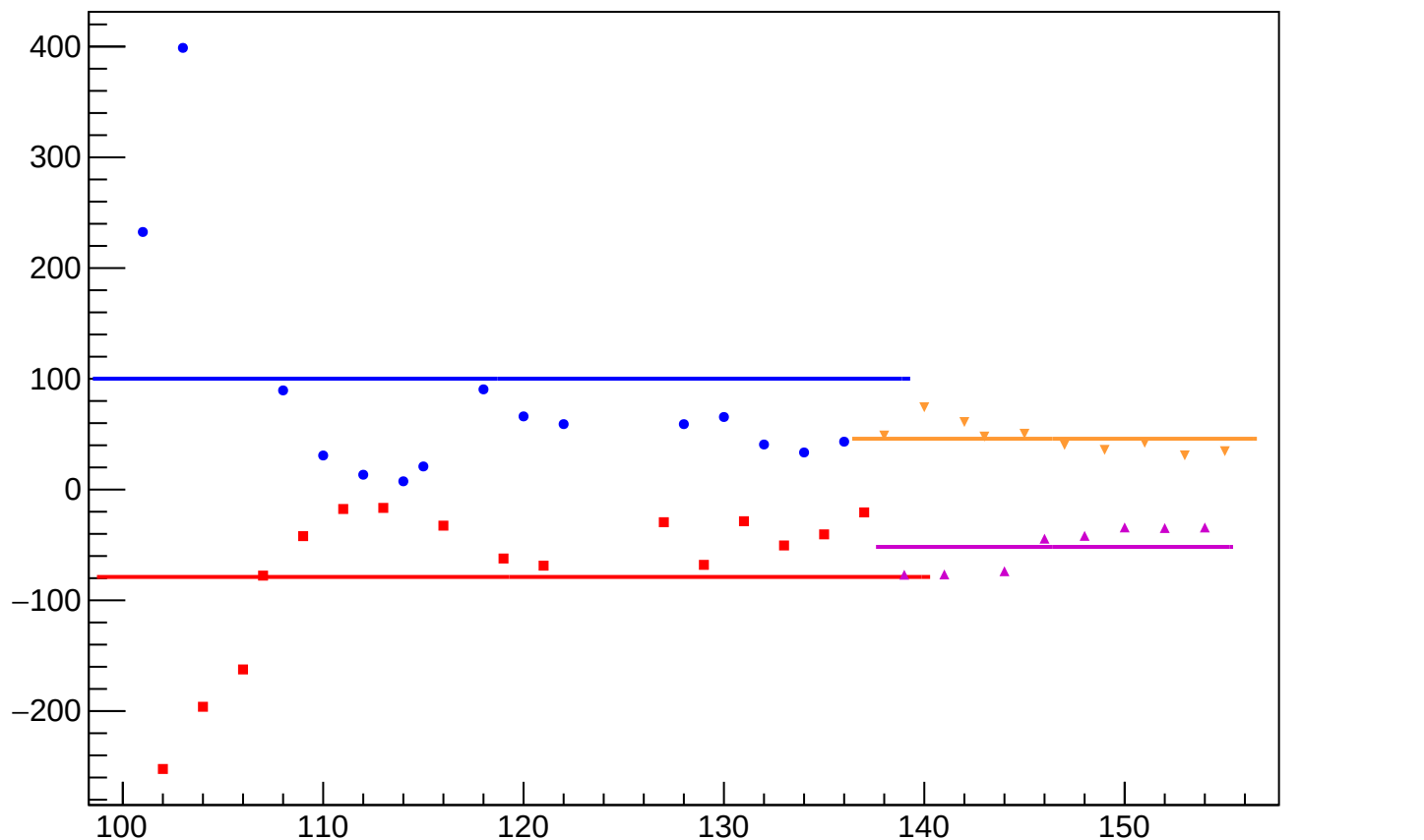
χ^2/NDF : 683113062504059

χ^2/NDF : 10428981816684713

χ^2/NDF : 941809736682849

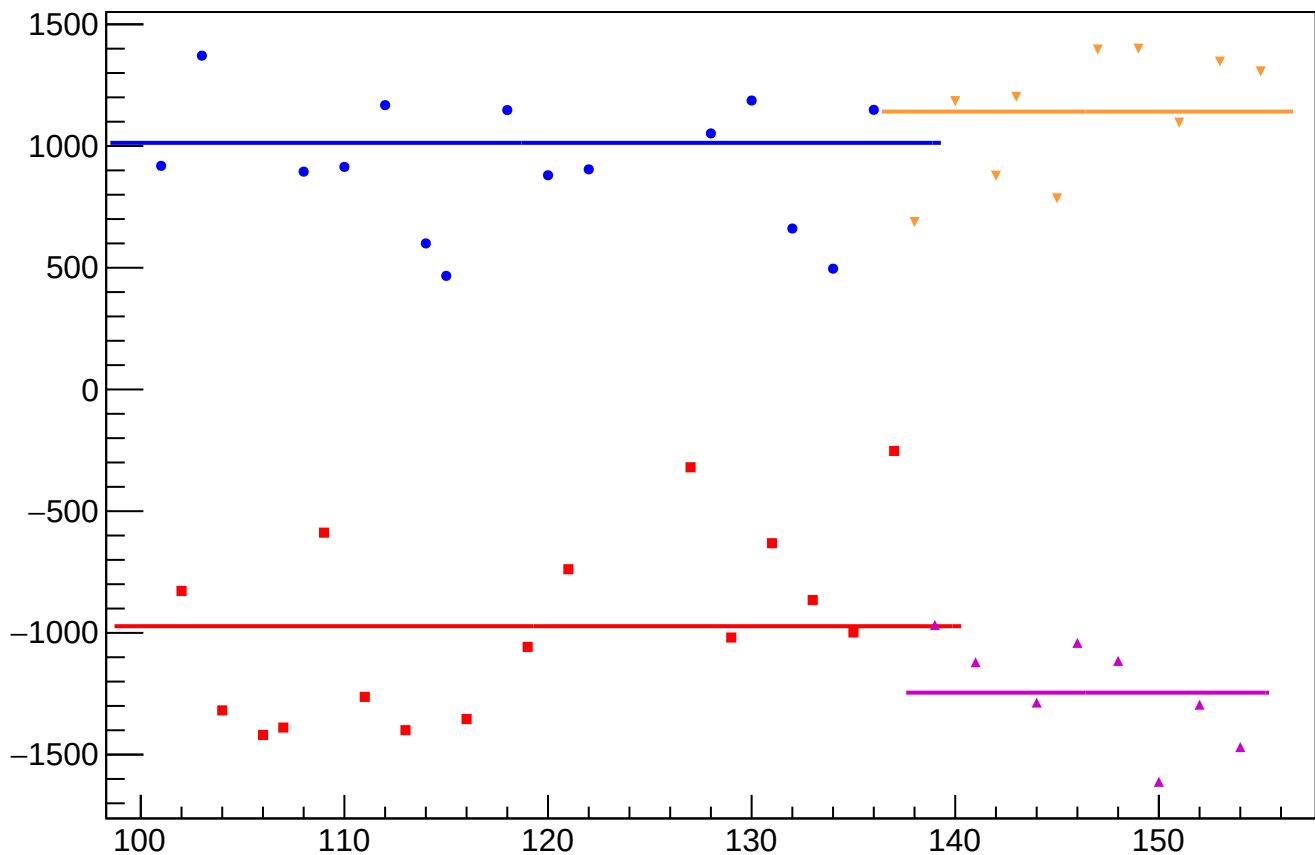
χ^2/NDF : 211034409185

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -0.603 +/- 0.000 χ^2/NDF : 38025328686641685
 Right In: 100.135 +/- 0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Right: 9.403 +/- 0.000 χ^2/NDF : 21880477100402541
 Left Out: 45.896 +/- 0.000 χ^2/NDF : 120454964316176485879874082484256768.0/9
 In: 21.918 +/- 0.000 χ^2/NDF : 157646185718506911
 Right Out: -78.881 +/- 0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Out: -12.509 +/- 0.000 χ^2/NDF : 9169506322923873
 Left In: -51.757 +/- 0.000 χ^2/NDF : 240223848285938627046804289386184704.0/7
 All: 4.163 +/- 0.000 χ^2/NDF : 25752004282815

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: -972.465+/-0.000

Left In: -1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 29517629202305629895835280294763560960.0/7

Left: 4.889+/-0.000 χ^2/NDF : 213249158189856774

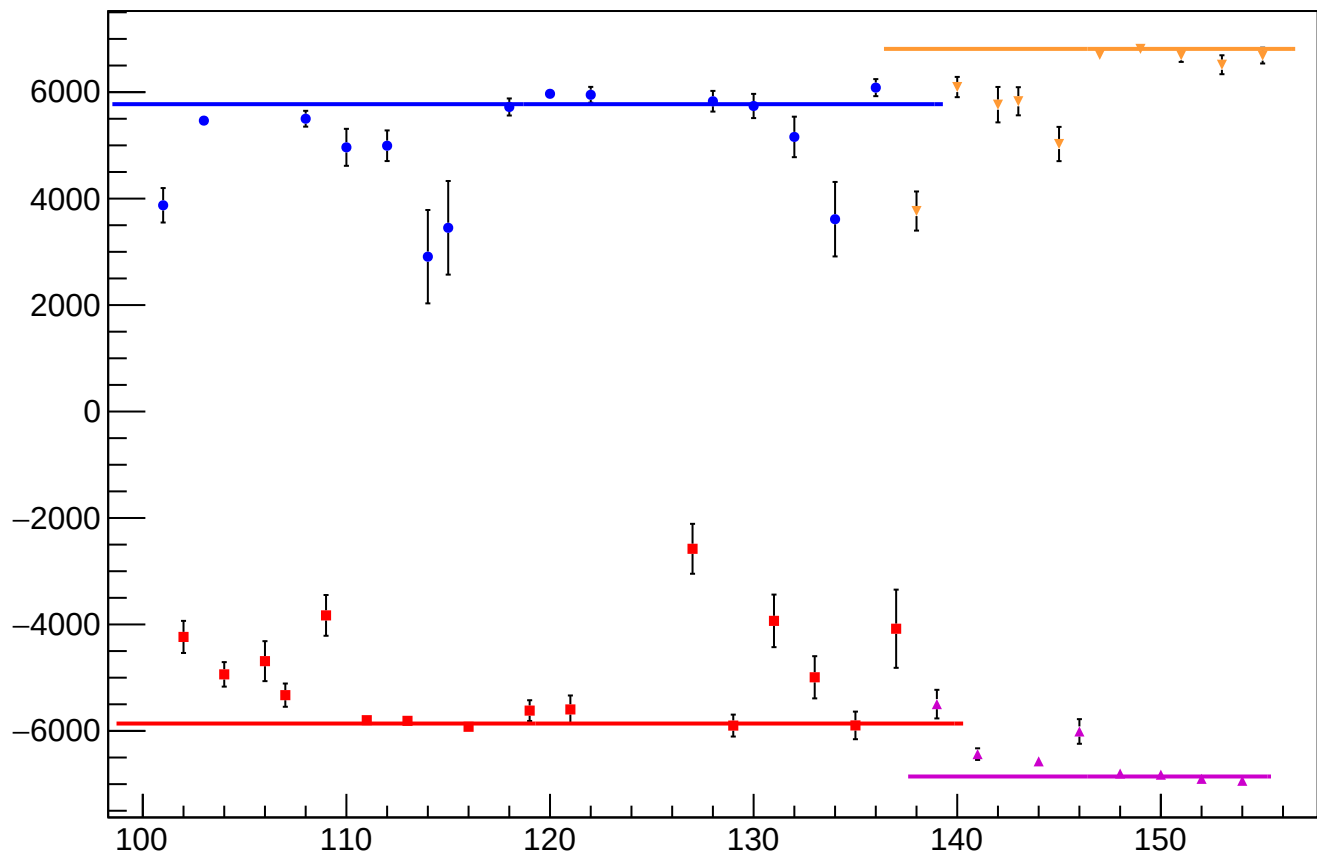
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -149.943+/-0.000 χ^2/NDF : 1766174254512265

Out: 151.998+/-0.000 χ^2/NDF : 1710903032849147

All: 5.781+/-0.000 χ^2/NDF : 35399894392108

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117 ± 0.181 $\chi^2/\text{NDF}: 1828526.5/14$

Left Out: 6812.619 ± 0.311 $\chi^2/\text{NDF}: 143.6/9$

Right Out: -5861.461 ± 0.140 $\chi^2/\text{NDF}: 180020.4/15$

Left In: -6856.400 ± 0.193 $\chi^2/\text{NDF}: 91986.6/7$

Left: -3056.899 ± 0.164 $\chi^2/\text{NDF}: 1396553759.4/17$

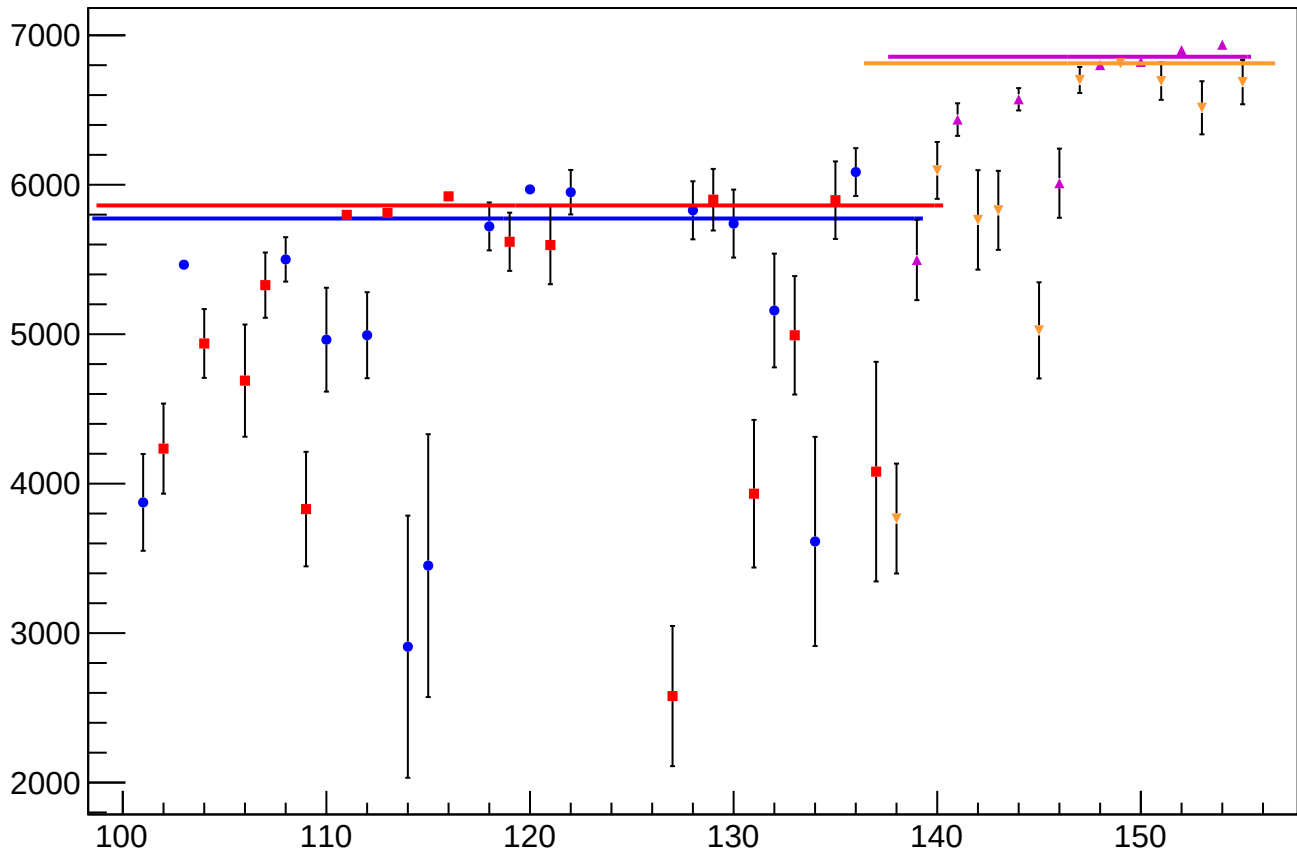
Right: -1536.191 ± 0.111 $\chi^2/\text{NDF}: 2585354230.9/30$

In: -157.041 ± 0.132 $\chi^2/\text{NDF}: 2277120048.5/22$

Out: -3734.546 ± 0.127 $\chi^2/\text{NDF}: 1383899189.3/25$

All: -2012.312 ± 0.092 $\chi^2/\text{NDF}: 4041063737$

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2/NDF : 1828526.5/14

Left Out: 6812.619 $\pm$ 0.311 χ^2/NDF :143.6/9

Right Out: 5861.461 $\pm$ 0.140 χ^2/NDF : 180020.4/15

Left In: 6856.400 $\pm$ 0.193 χ^2/NDF :91986.6/7

Left: 6844.230 $\pm$ 0.164 χ^2/NDF : 106455.8/17

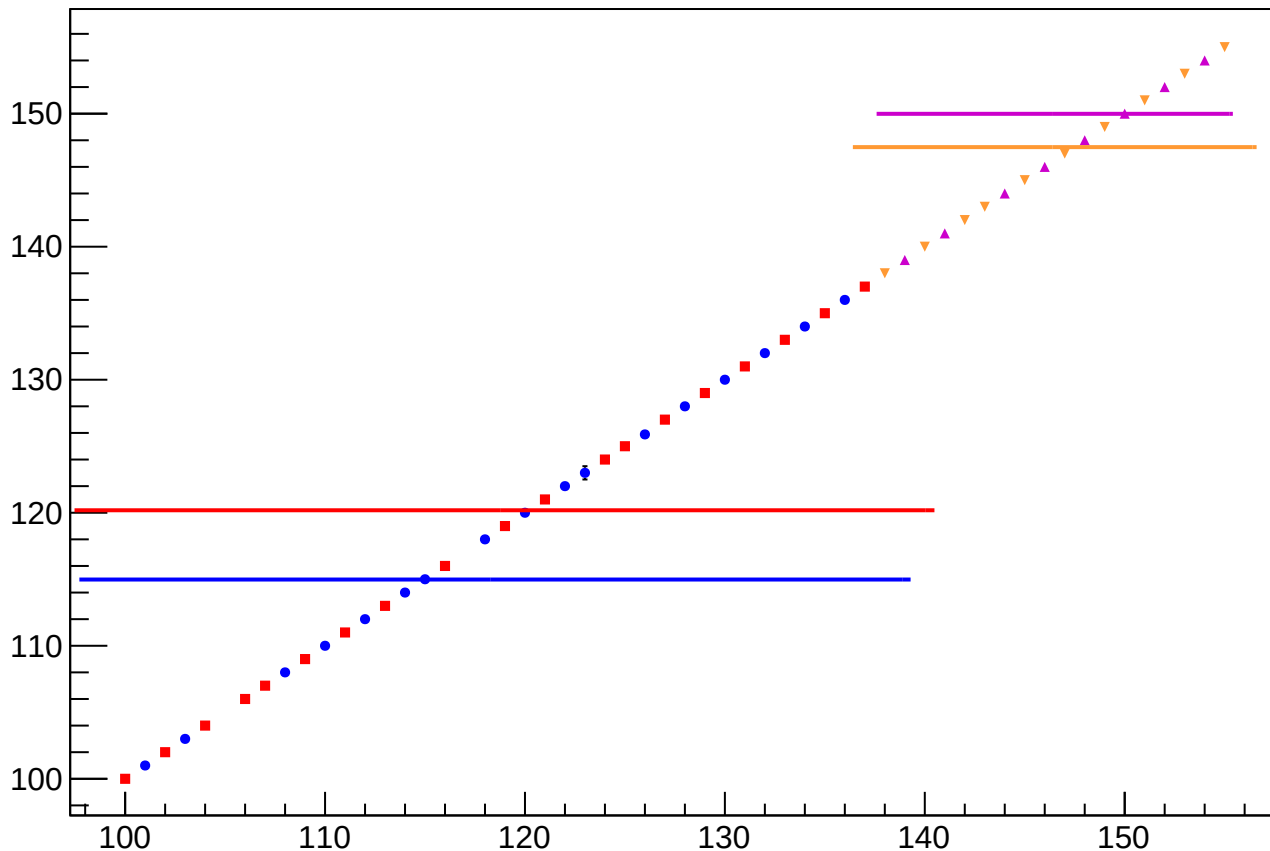
Right: 5828.993 $\pm$ 0.111 χ^2/NDF : 2154118.4/30

In: 6282.345 $\pm$ 0.132 χ^2/NDF :18625991.8/22

Out: 6021.081 $\pm$ 0.127 χ^2/NDF :7973448.6/25

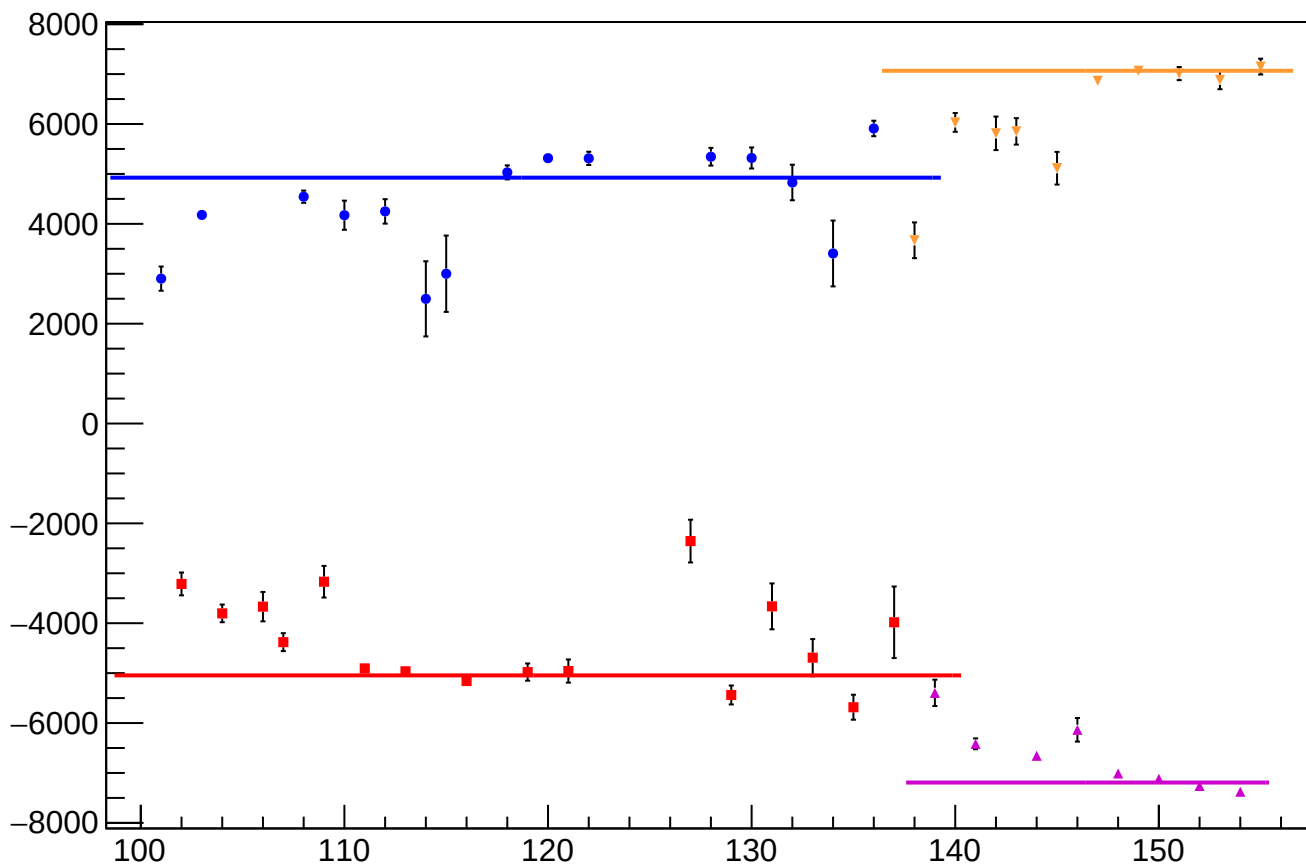
All: 6146.855 $\pm$ 0.092 χ^2/NDF : 28626354.9/4

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980 +/- 0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 147.485 +/- 0.000 χ^2/NDF : 12900818648050543712514512781312.0/9
 Right Out: 120.186 +/- 0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 149.989 +/- 0.000 χ^2/NDF : 6090608723282223943032632246272.0/7
 All: 124.327 +/- 0.000 χ^2/NDF : 774113362578

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 7066.437+/-1.478 χ^2/NDF :197.0/9

Right Out: -5045.221+/-0.668 χ^2/NDF : 30179.9/15

Left In: -7191.878+/-0.849 χ^2/NDF :26668.4/7

Left: -3650.299+/-0.736 χ^2/NDF : 70022628.0/17

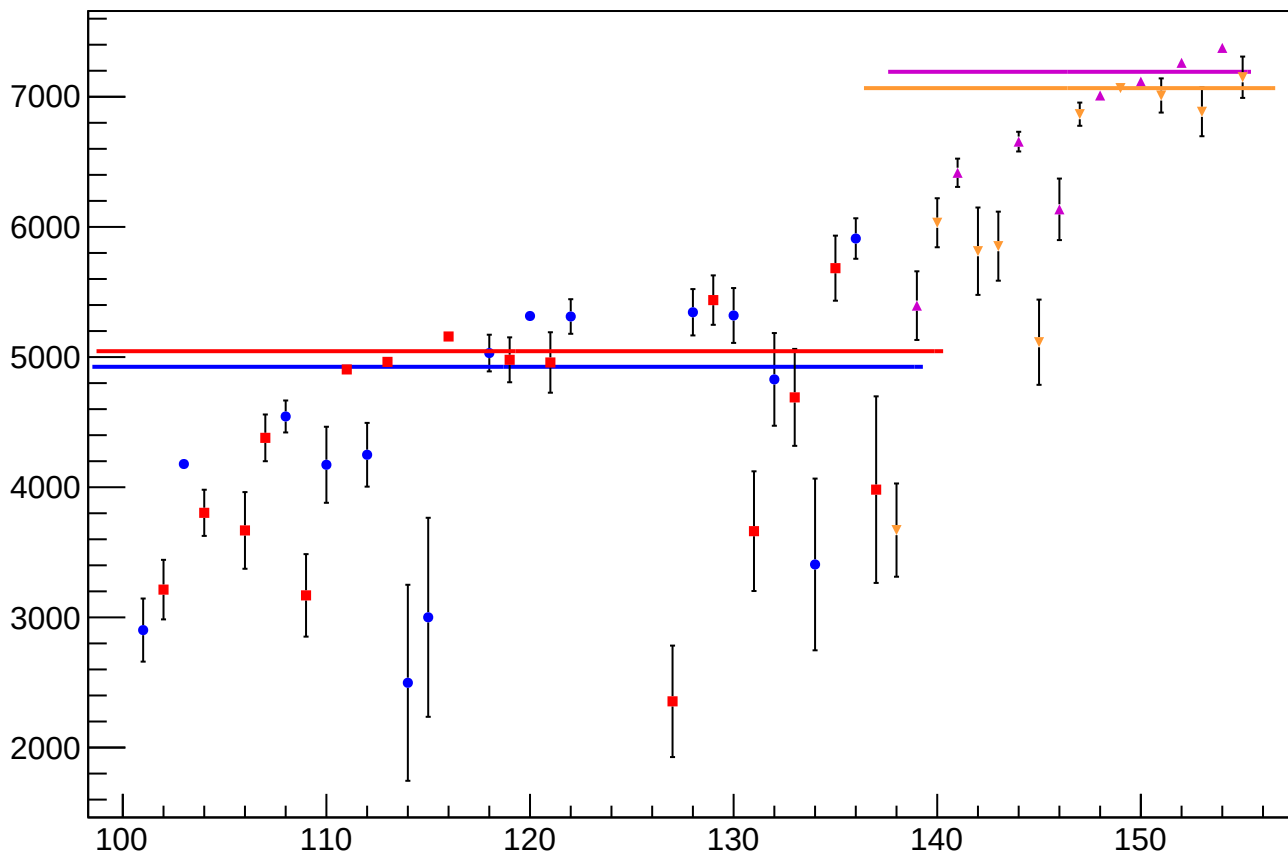
Right: -1694.510+/-0.544 χ^2/NDF : 75266282.5/30

In: -1737.136+/-0.630 χ^2/NDF :91976028.0/22

Out: -2990.510+/-0.609 χ^2/NDF :55827365.8/25

All: -2385.329+/-0.438 χ^2/NDF : 149851534.3

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7066.437 $\pm$ 1.478 χ^2 /NDF:197.0/9

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

Left In: 7191.878 $\pm$ 0.849 χ^2 /NDF:26668.4/7

Left: 7160.720 $\pm$ 0.736 χ^2 /NDF: 32283.0/17

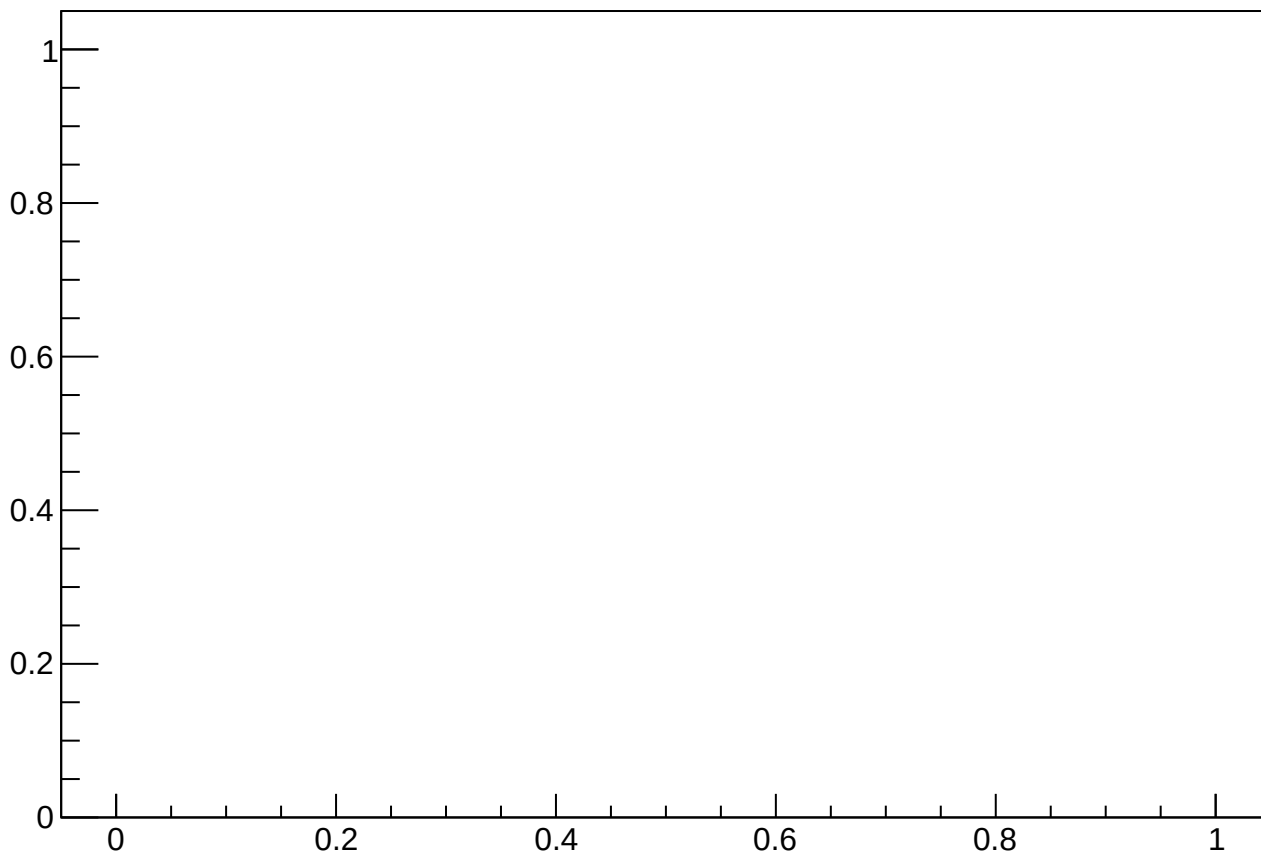
Right: 5004.922 $\pm$ 0.544 χ^2 /NDF: 372009.4/30

In: 6171.545 $\pm$ 0.630 χ^2 /NDF:3563330.3/22

Out: 5388.115 $\pm$ 0.609 χ^2 /NDF:1584297.5/25

All: 5766.387 $\pm$ 0.438 χ^2 /NDF: 5947827.2/48

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

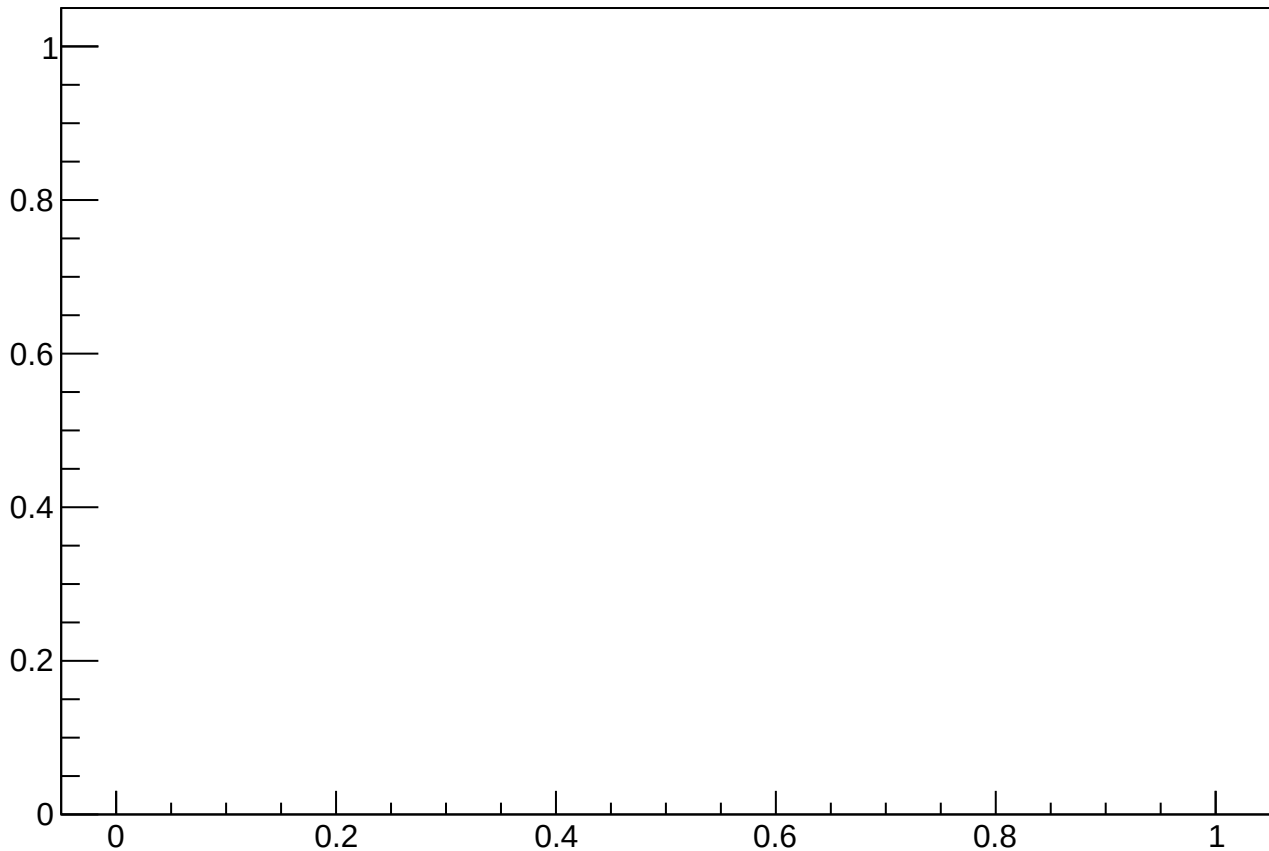
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

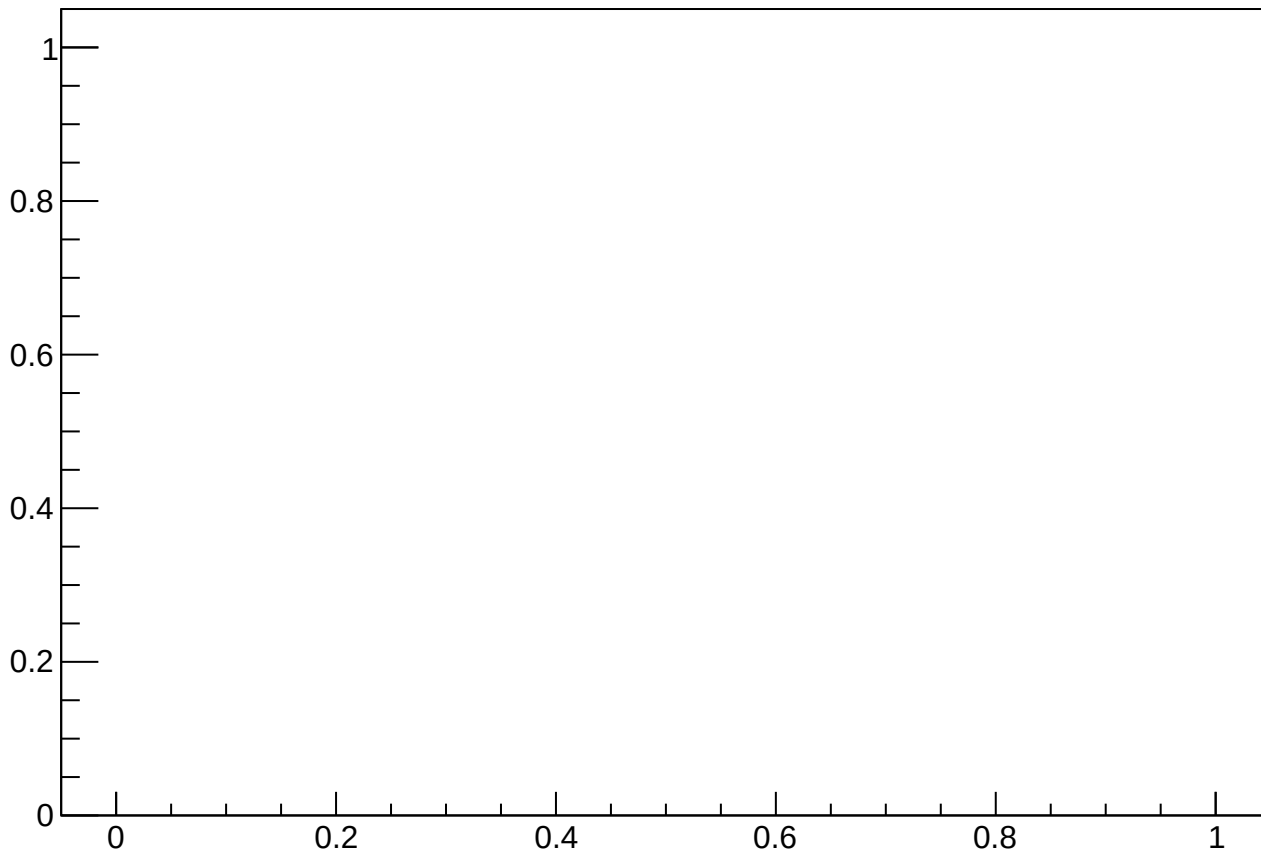
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

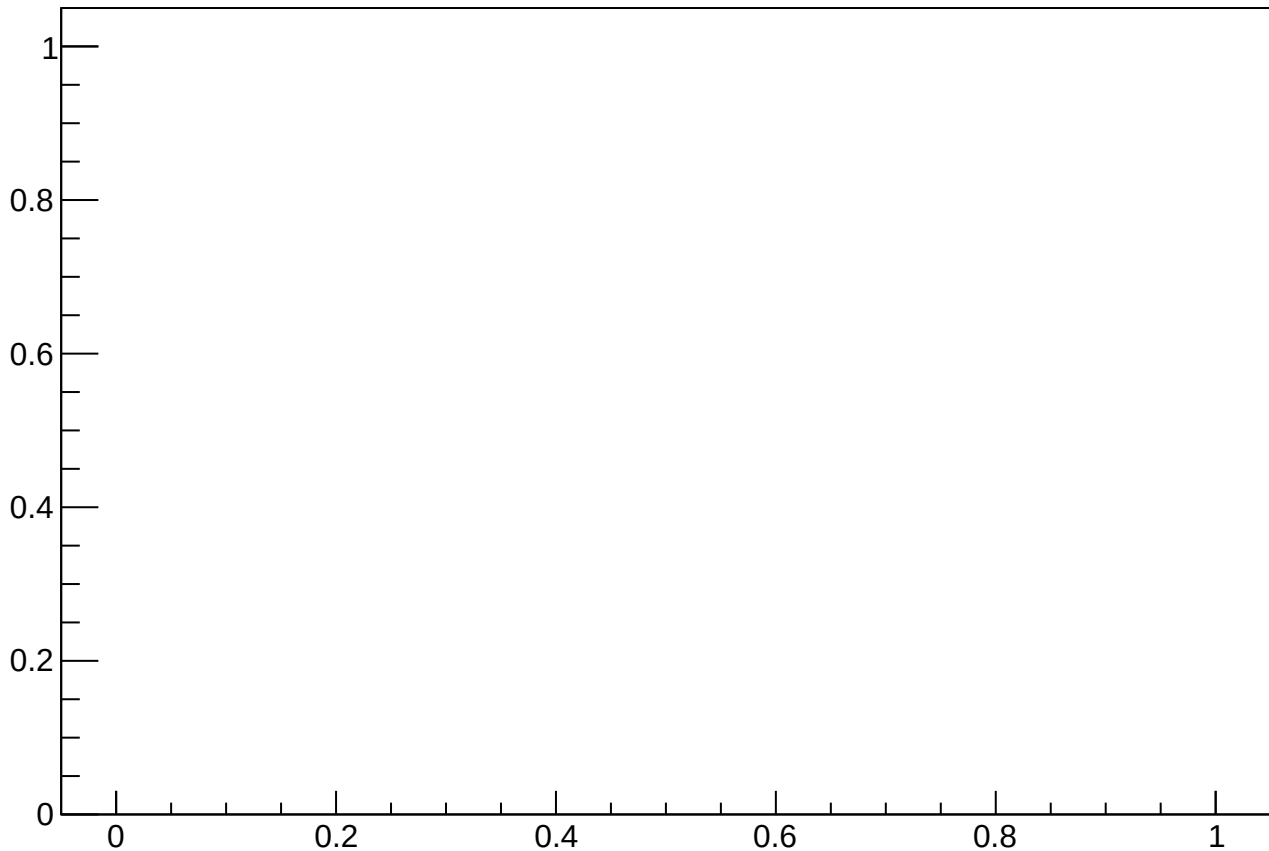
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

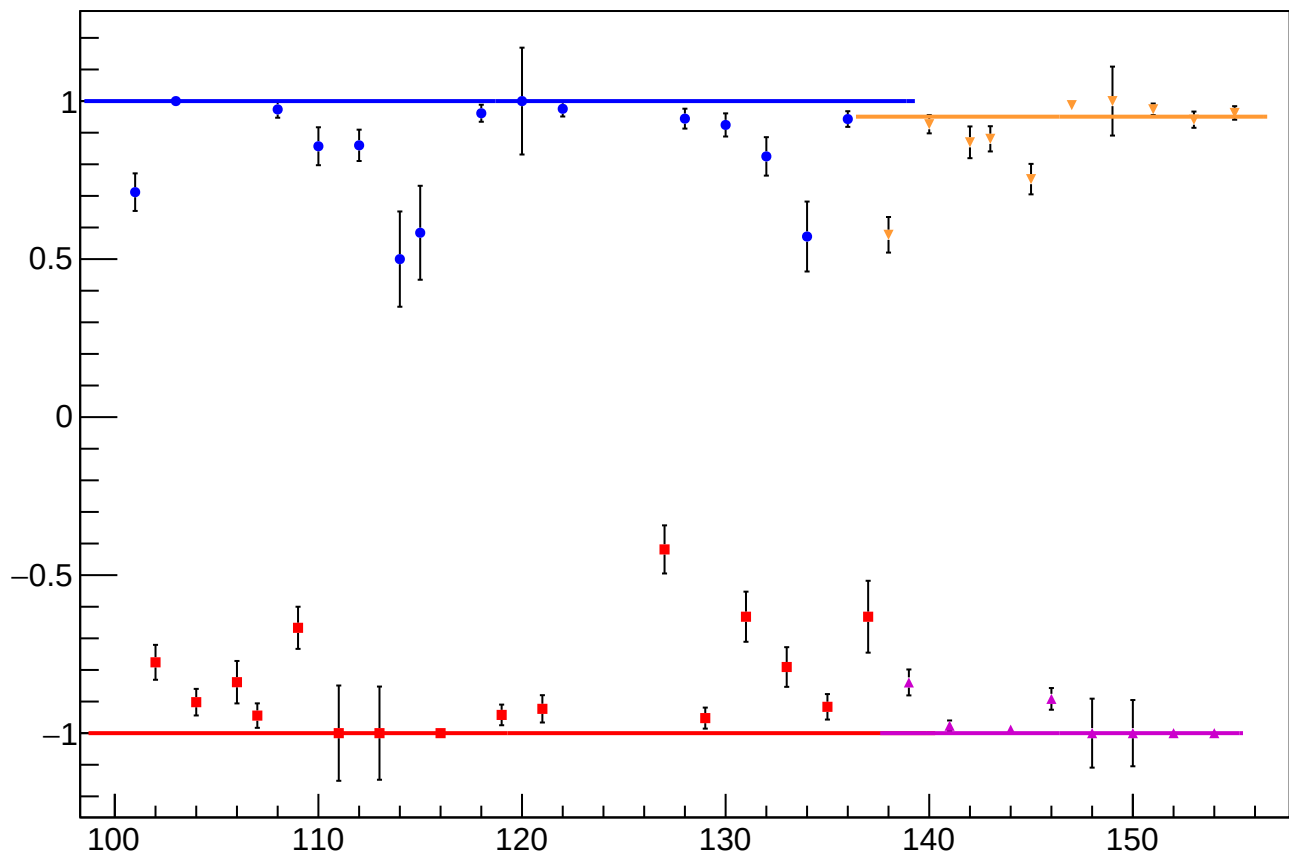
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.951+/-0.008 χ^2/NDF : 77.6/9

Right Out: -1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF : 372.3/7

Left: -1.000+/-0.000 χ^2/NDF : 60734.1/17

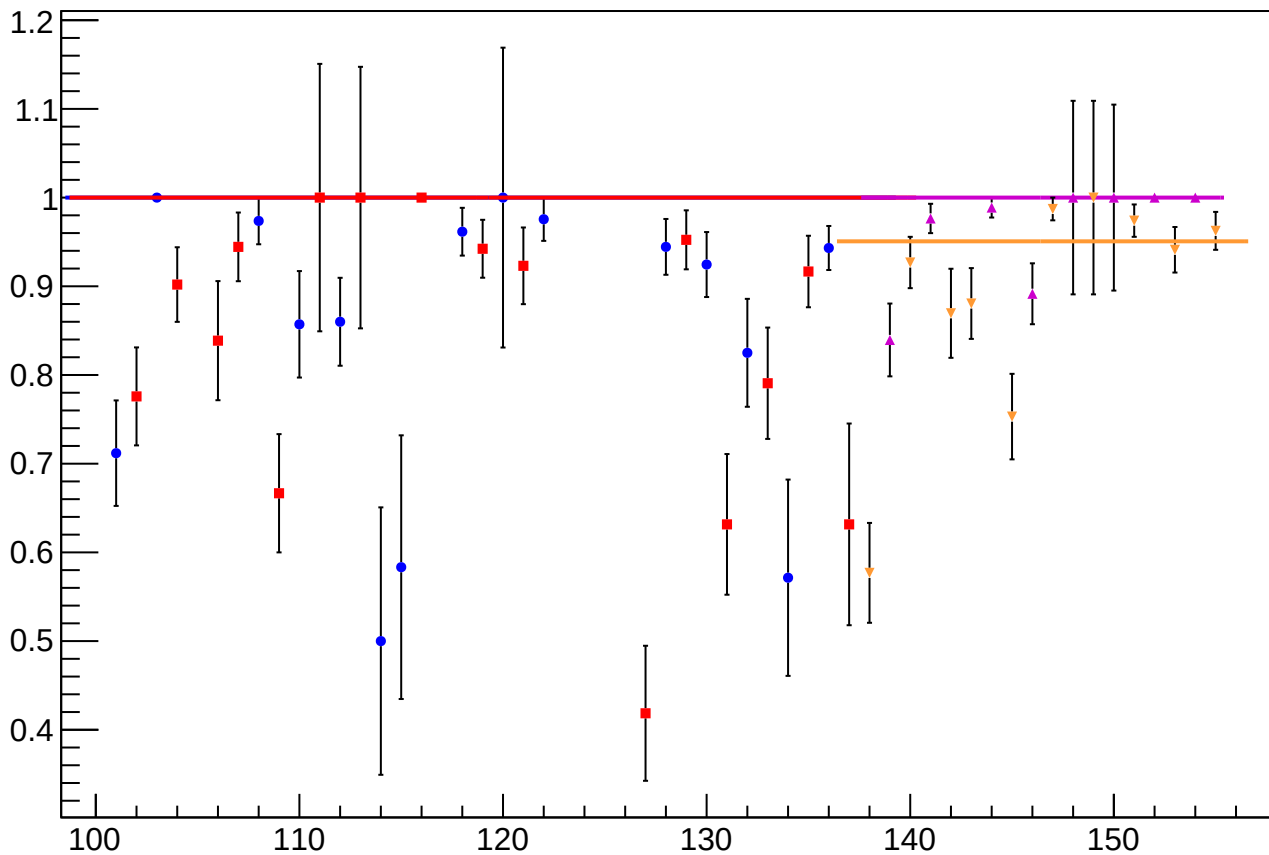
Right: 0.398+/-0.000 χ^2/NDF : 14173250084479480

In: -0.500+/-0.000 χ^2/NDF : 352913927103539123

Out: -1.000+/-0.000 χ^2/NDF : 60530.7/25

All: -0.549+/-0.000 χ^2/NDF : 3643573099538

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.951+/-0.008 χ^2/NDF : 77.6/9

Right Out: 1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF : 372.3/7

Left: 1.000+/-0.000 χ^2/NDF : 488.4/17

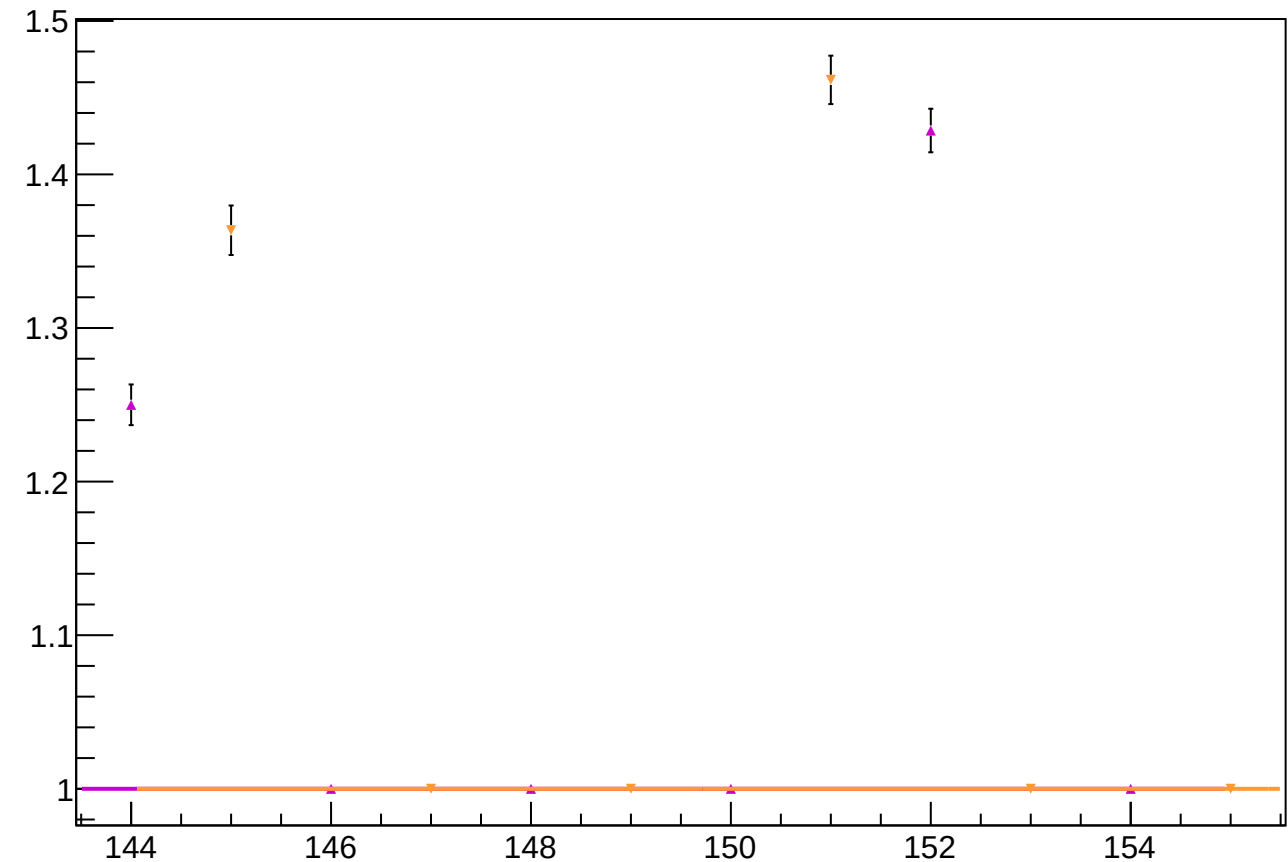
Right: 1.000+/-0.000 χ^2/NDF : 347.8/30

In: 1.000+/-0.000 χ^2/NDF : 468.2/22

Out: 1.000+/-0.000 χ^2/NDF : 285.0/25

All: 1.000+/-0.000 χ^2/NDF : 753.2/48

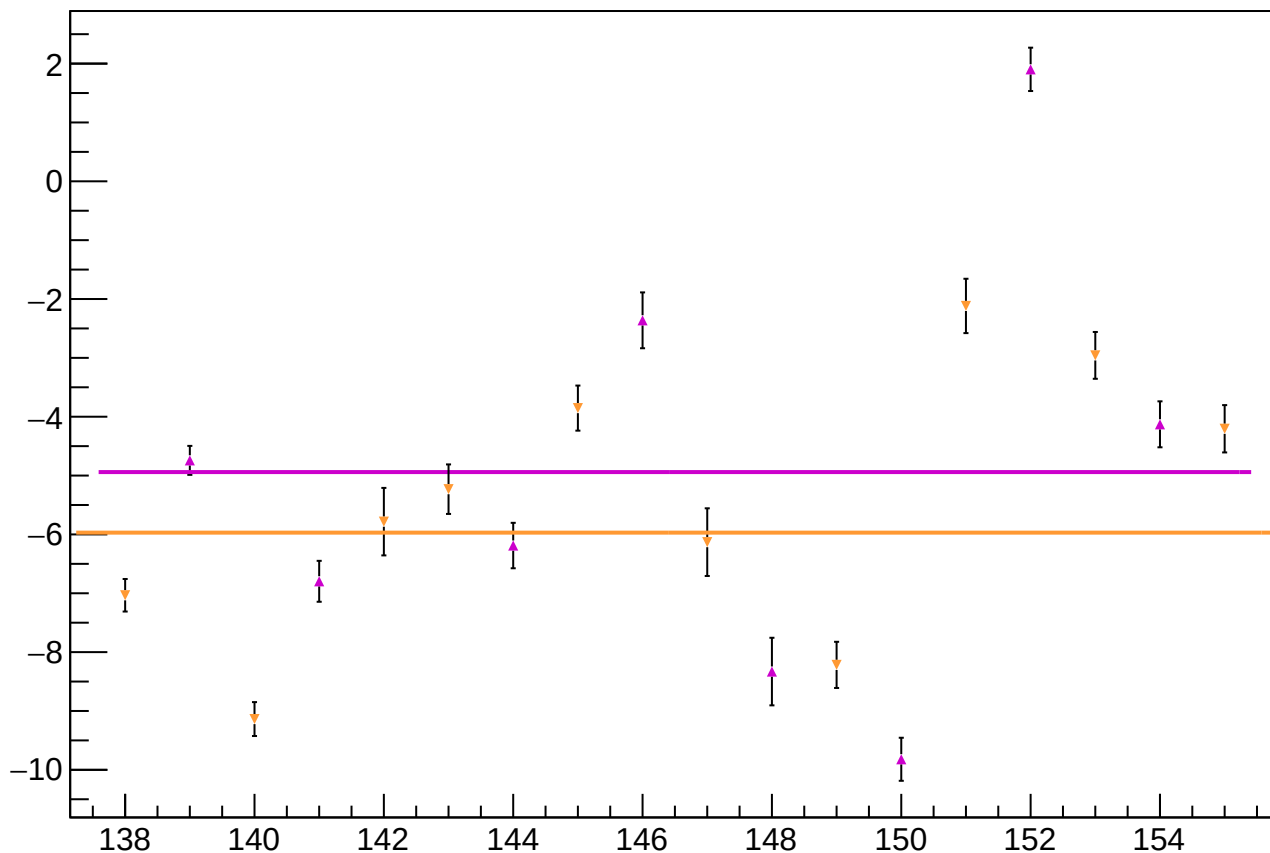
dit_segment_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF :1690.1/5
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF :3700.5/5

Left: 1.000+/-0.000 χ^2/NDF : 3753.5/11
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 1.000+/-0.000 χ^2/NDF :3700.5/5
Out: 1.000+/-0.000 χ^2/NDF :1690.1/5
All: 1.000+/-0.000 χ^2/NDF : 3753.5/11

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -5.970+/-0.122 χ^2/NDF : 348.5/9

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

Left In: -4.941+/-0.129 χ^2/NDF : 631.5/7

Left: -5.483+/-0.088 χ^2/NDF : 1013.7/17

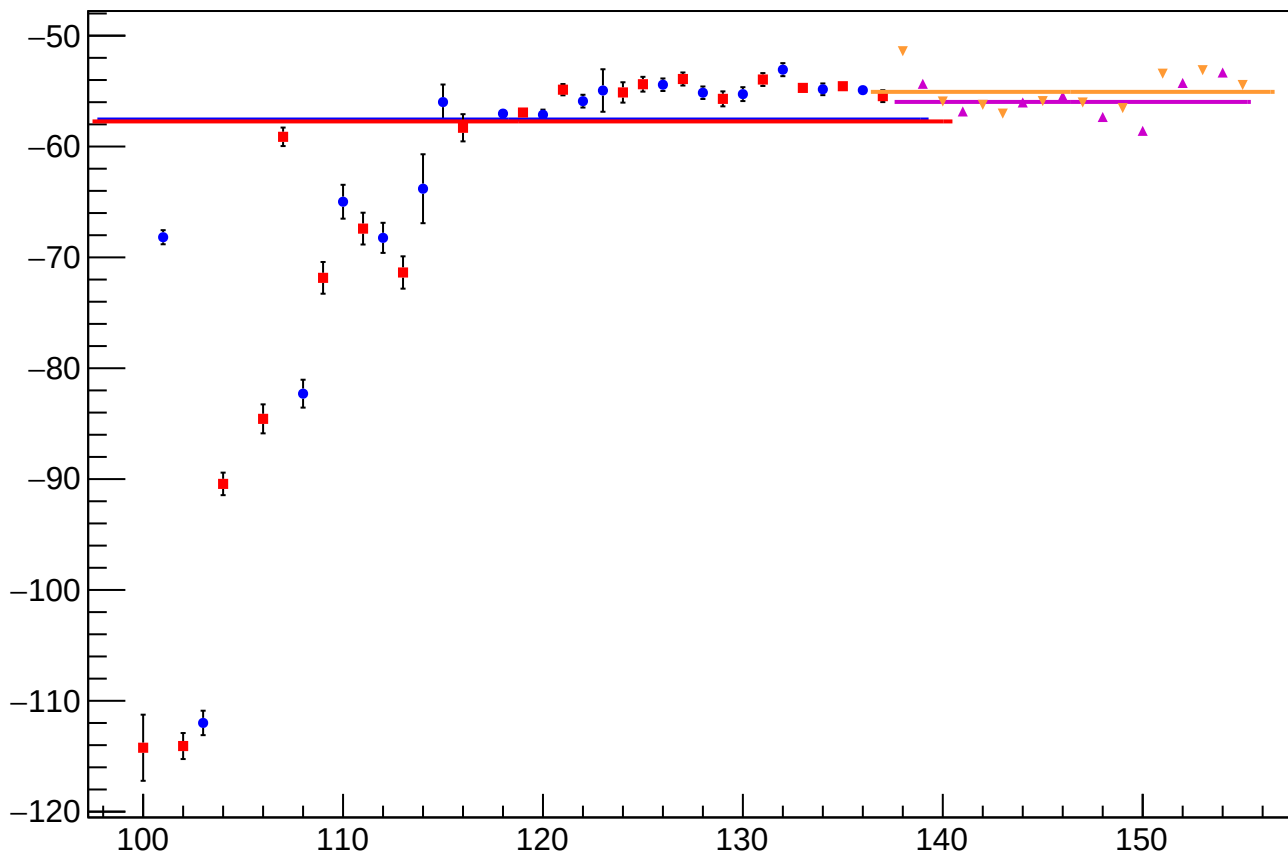
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.941+/-0.129 χ^2/NDF : 631.5/7

Out: -5.970+/-0.122 χ^2/NDF : 348.5/9

All: -5.483+/-0.088 χ^2/NDF : 1013.7/17

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -55.069 ± 0.090 χ^2/NDF : 338.5/9

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

Left In: -55.976 ± 0.100 χ^2/NDF : 296.3/7

Left: -55.476 ± 0.067 χ^2/NDF : 680.0/17

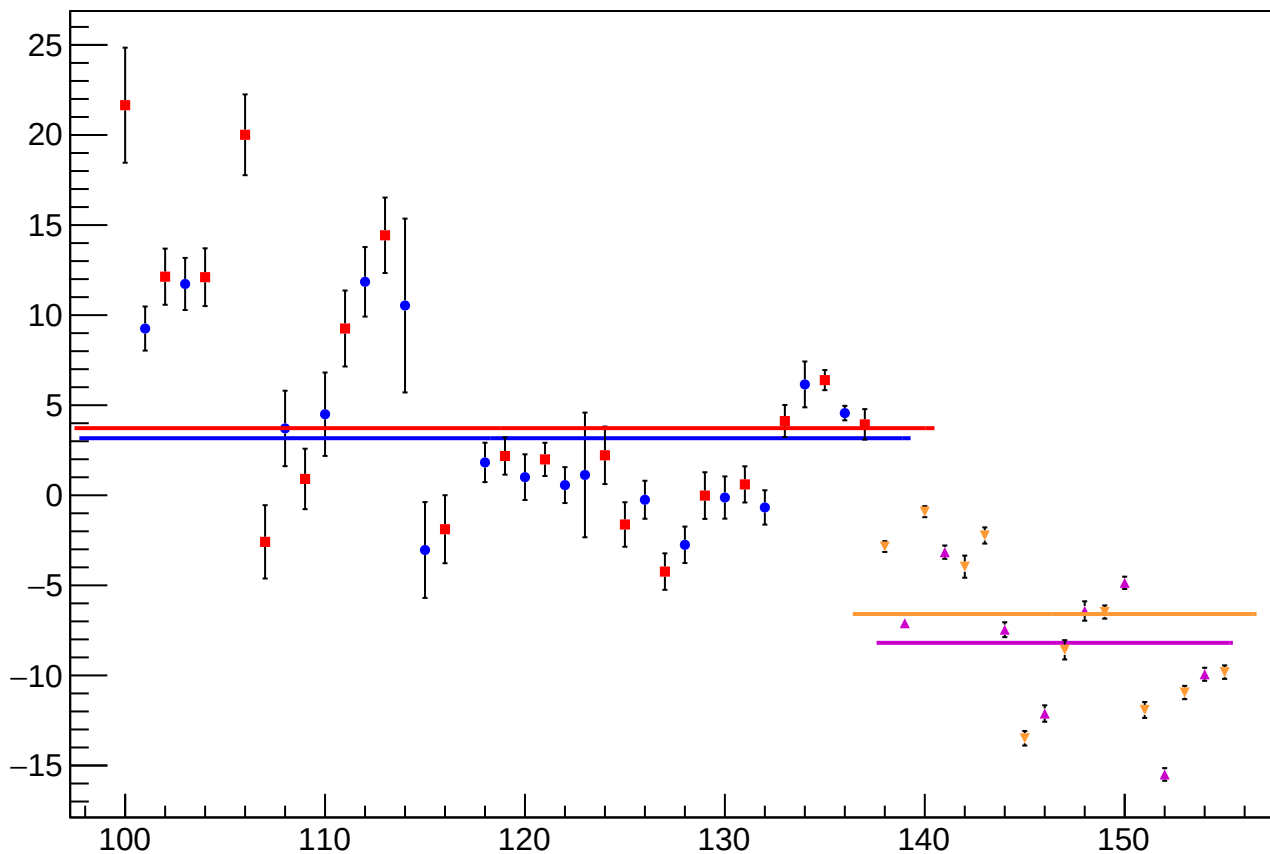
Right: -57.649 ± 0.101 χ^2/NDF : 8155.1/35

In: -56.507 ± 0.082 χ^2/NDF : 3836.0/24

Out: -55.830 ± 0.076 χ^2/NDF : 5285.5/28

All: -56.145 ± 0.056 χ^2/NDF : 9158.1/53

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -6.592 ± 0.123 χ^2/NDF : 1274.8/9

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

Left In: -8.191 ± 0.129 χ^2/NDF : 838.2/7

Left: -7.352 ± 0.089 χ^2/NDF : 2193.1/17

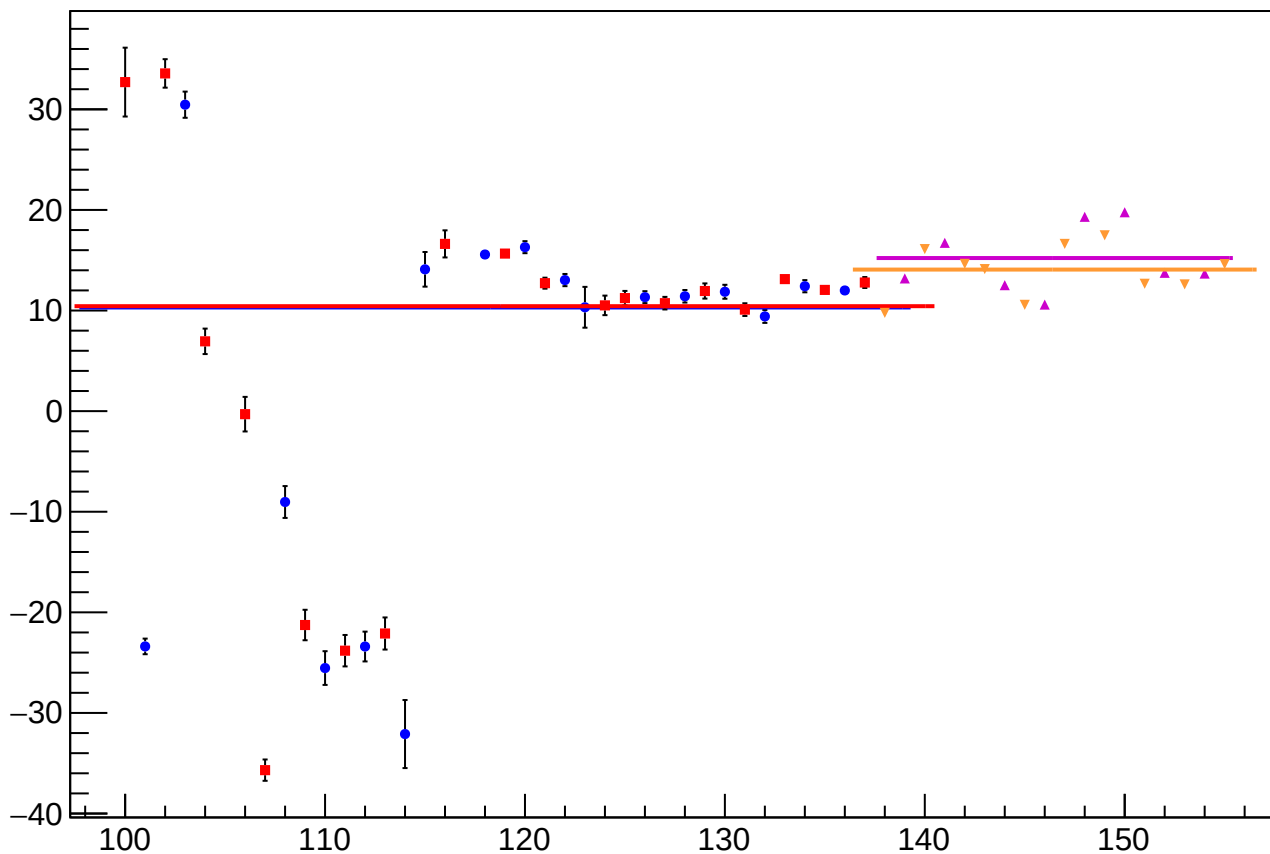
Right: 3.437 ± 0.185 χ^2/NDF : 511.7/35

In: -5.905 ± 0.116 χ^2/NDF : 2575.9/24

Out: -4.783 ± 0.112 χ^2/NDF : 2828.8/28

All: -5.325 ± 0.080 χ^2/NDF : 5453.3/53

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306 ± 0.157 $\chi^2/\text{NDF}: 3712.3/16$

Left Out: 14.072 ± 0.108 $\chi^2/\text{NDF}: 501.9/9$

Right Out: 10.433 ± 0.160 $\chi^2/\text{NDF}: 3828.5/18$

Left In: 15.218 ± 0.119 $\chi^2/\text{NDF}: 666.8/7$

Left: 14.591 ± 0.080 $\chi^2/\text{NDF}: 1219.9/17$

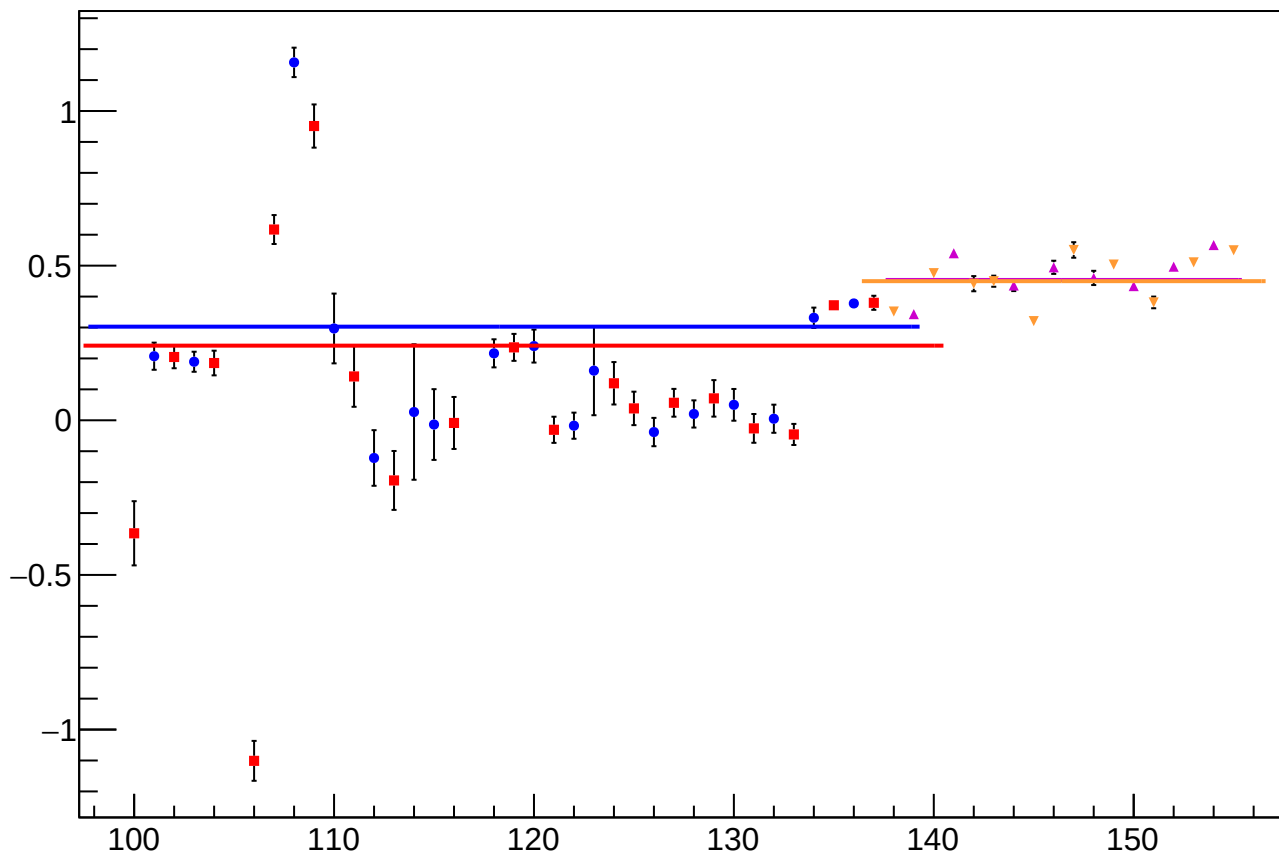
Right: 10.368 ± 0.112 $\chi^2/\text{NDF}: 7541.1/35$

In: 13.430 ± 0.095 $\chi^2/\text{NDF}: 5003.6/24$

Out: 12.934 ± 0.089 $\chi^2/\text{NDF}: 4686.4/28$

All: 13.168 ± 0.065 $\chi^2/\text{NDF}: 9704.5/53$

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.450 $\pm$ 0.005 χ^2 /NDF:264.4/9

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

Left In: 0.454 $\pm$ 0.005 χ^2 /NDF:266.6/7

Left: 0.452 $\pm$ 0.004 χ^2 /NDF: 531.2/17

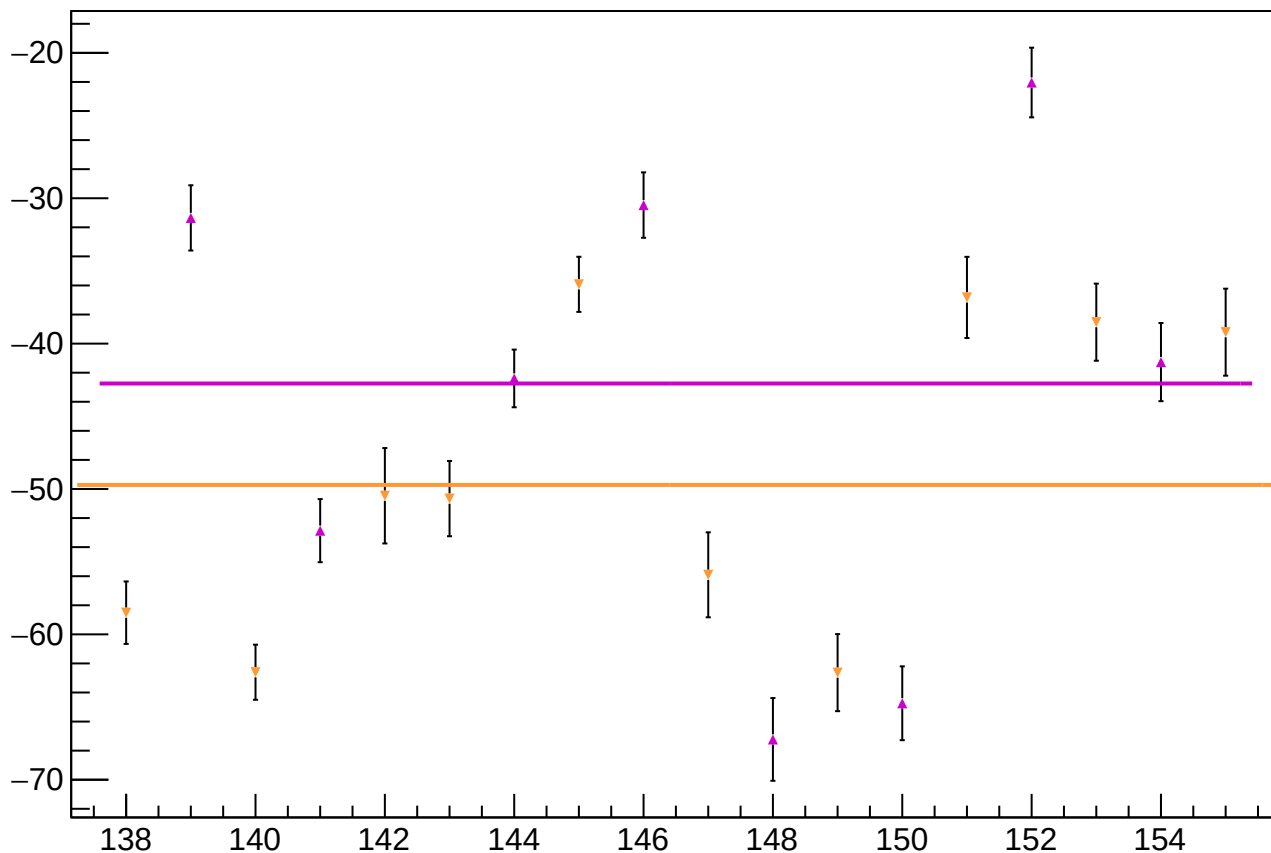
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1660.4/35

In: 0.412 $\pm$ 0.004 χ^2 /NDF:1158.9/24

Out: 0.398 $\pm$ 0.004 χ^2 /NDF:1704.2/28

All: 0.405 $\pm$ 0.003 χ^2 /NDF: 2868.5/53

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -49.722+/-0.777 χ^2/NDF :195.8/9

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

Left In: -42.744+/-0.829 χ^2/NDF :301.3/7

Left: -46.462+/-0.567 χ^2/NDF : 534.8/17

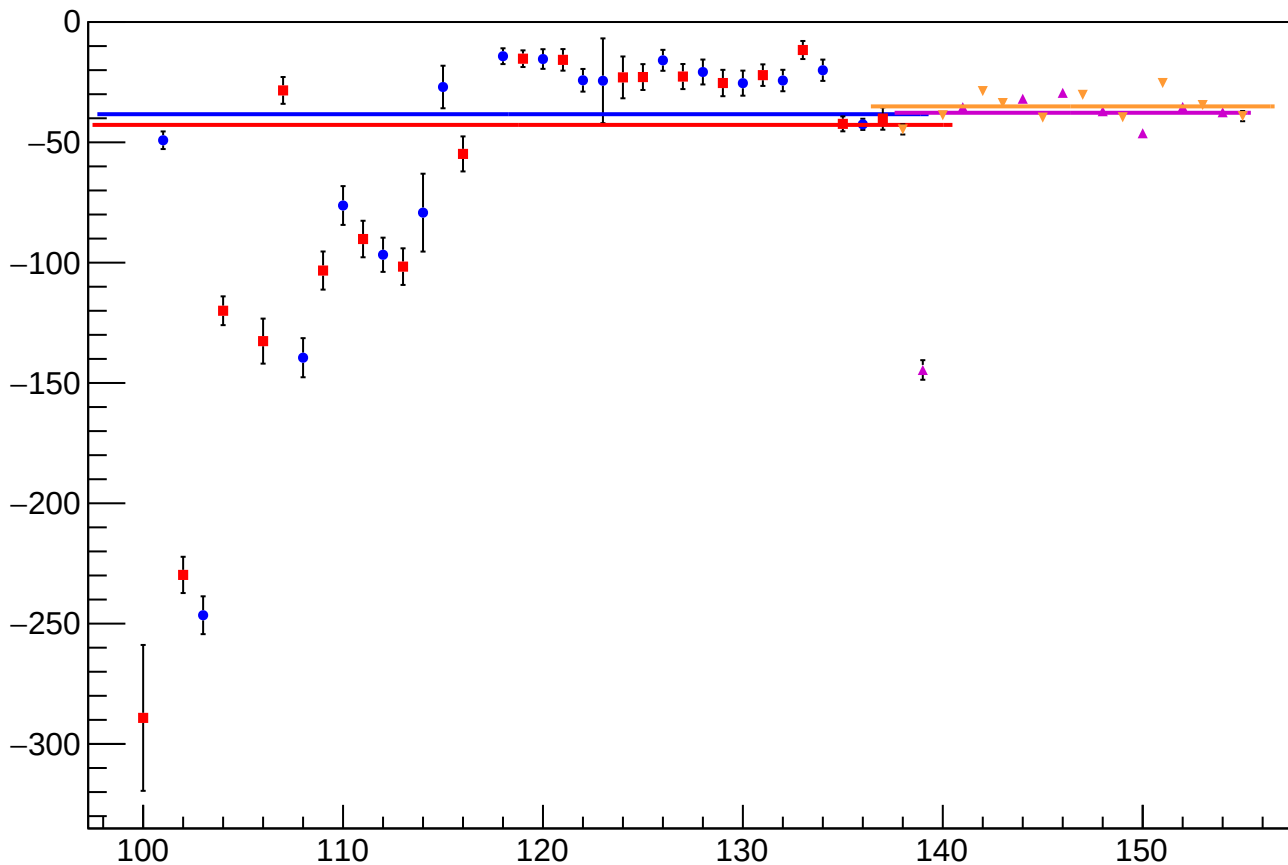
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.744+/-0.829 χ^2/NDF :301.3/7

Out: -49.722+/-0.777 χ^2/NDF :195.8/9

All: -46.462+/-0.567 χ^2/NDF : 534.8/17

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -35.066 ± 0.544 $\chi^2/\text{NDF}: 103.3/9$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

Left In: -37.715 ± 0.581 $\chi^2/\text{NDF}: 771.0/7$

Left: -36.304 ± 0.397 $\chi^2/\text{NDF}: 885.3/17$

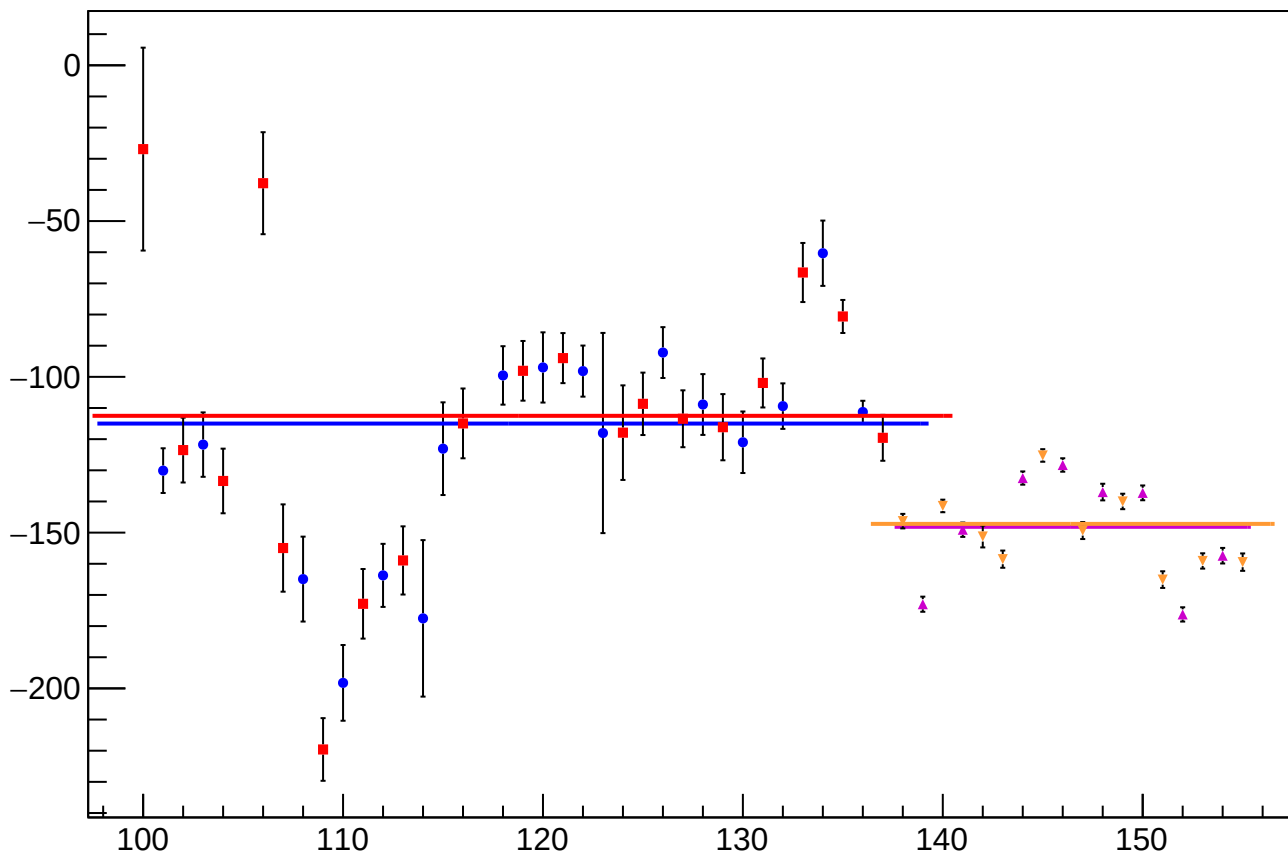
Right: -40.393 ± 0.829 $\chi^2/\text{NDF}: 2481.4/35$

In: -37.838 ± 0.517 $\chi^2/\text{NDF}: 1903.8/24$

Out: -36.357 ± 0.496 $\chi^2/\text{NDF}: 1478.4/28$

All: -37.067 ± 0.358 $\chi^2/\text{NDF}: 3386.5/53$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -147.195 ± 0.786 $\chi^2/\text{NDF}: 241.4/9$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

Left In: -148.134 ± 0.827 $\chi^2/\text{NDF}: 446.3/7$

Left: -147.641 ± 0.570 $\chi^2/\text{NDF}: 688.5/17$

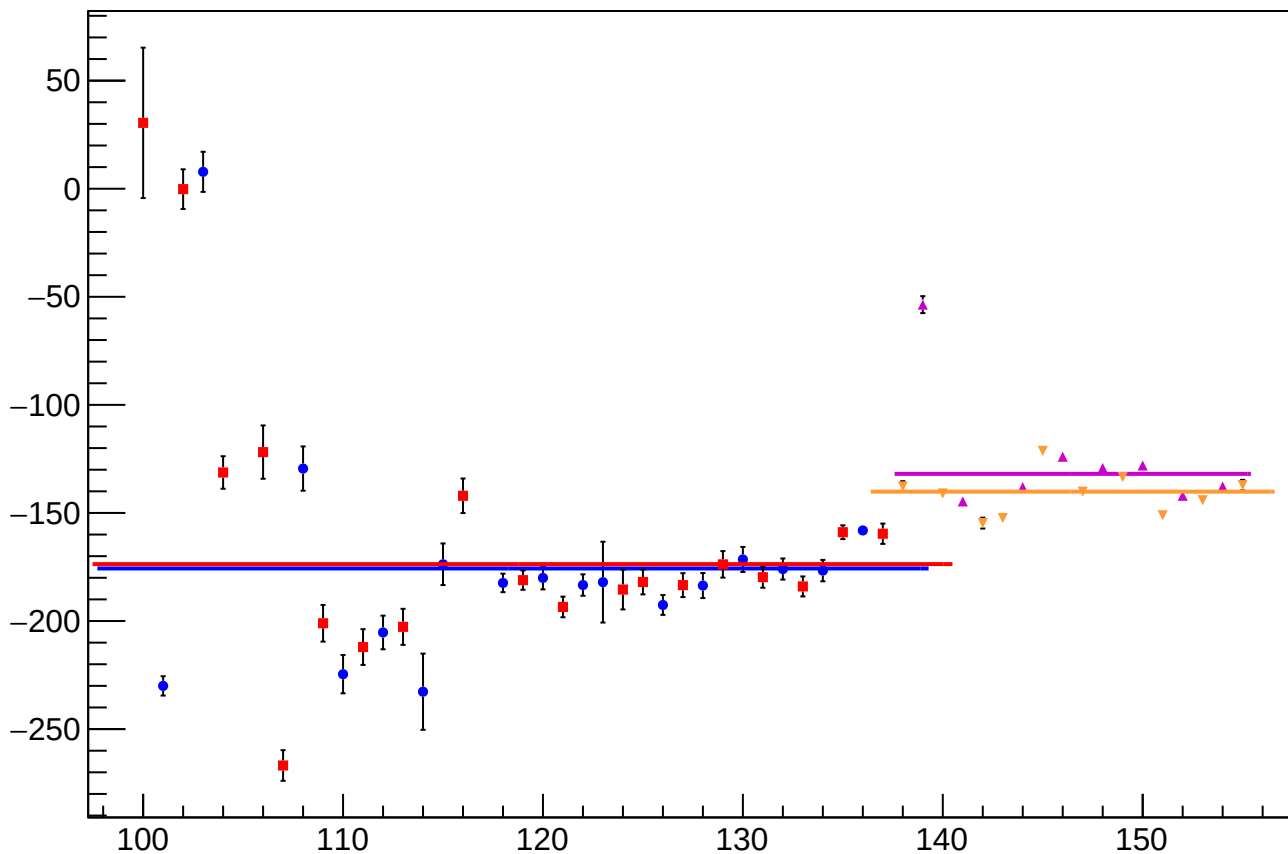
Right: -113.831 ± 1.511 $\chi^2/\text{NDF}: 415.6/35$

In: -143.580 ± 0.768 $\chi^2/\text{NDF}: 808.7/24$

Out: -143.288 ± 0.741 $\chi^2/\text{NDF}: 733.8/28$

All: -143.429 ± 0.533 $\chi^2/\text{NDF}: 1542.6/53$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -140.147 ± 0.661 χ^2/NDF : 224.0/9

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

Left In: -131.922 ± 0.707 χ^2/NDF : 515.7/7

Left: -136.311 ± 0.483 χ^2/NDF : 811.9/17

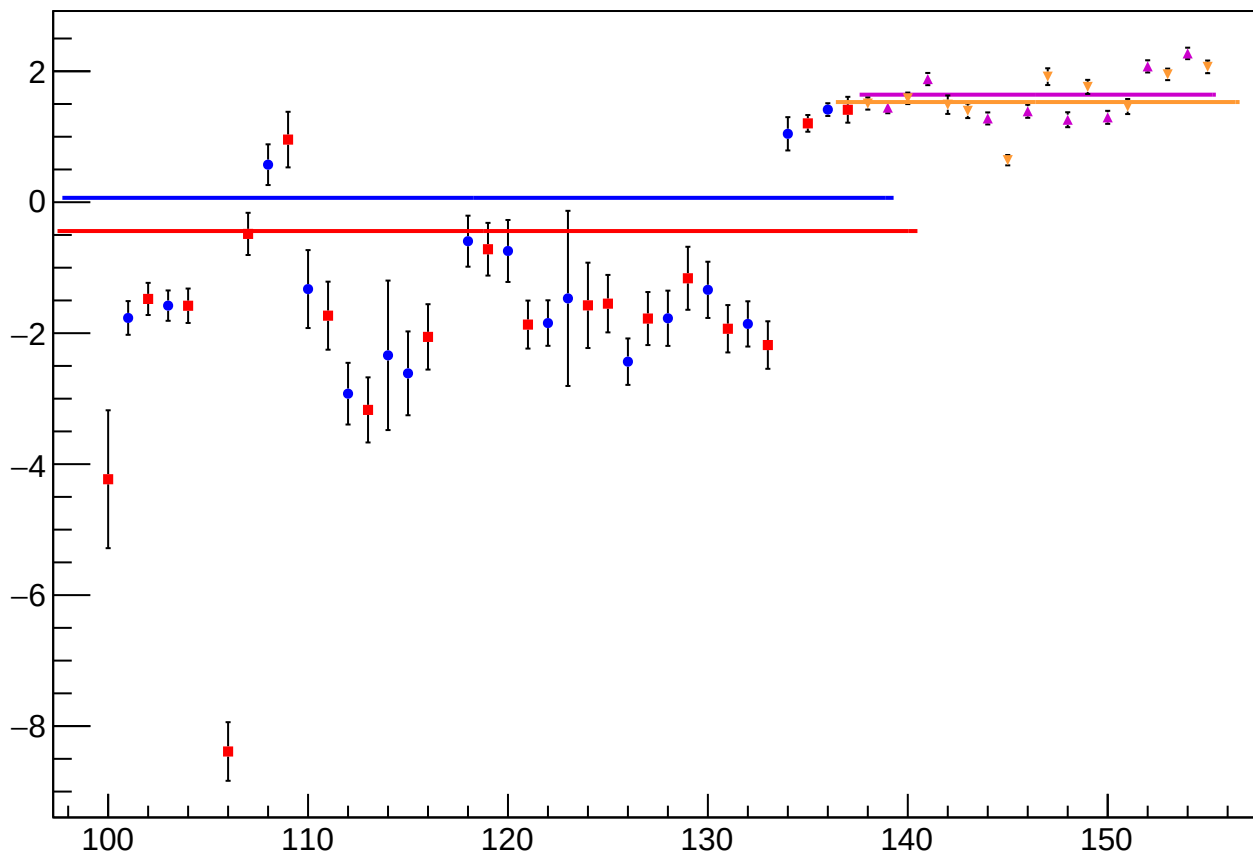
Right: -174.749 ± 0.926 χ^2/NDF : 1431.8/35

In: -142.303 ± 0.617 χ^2/NDF : 2118.4/24

Out: -146.580 ± 0.594 χ^2/NDF : 1455.5/28

All: -144.524 ± 0.428 χ^2/NDF : 3598.8/53

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.530 ± 0.032 χ^2/NDF : 196.0/9

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

Left In: 1.642 ± 0.034 χ^2/NDF : 130.1/7

Left: 1.583 ± 0.023 χ^2/NDF : 332.1/17

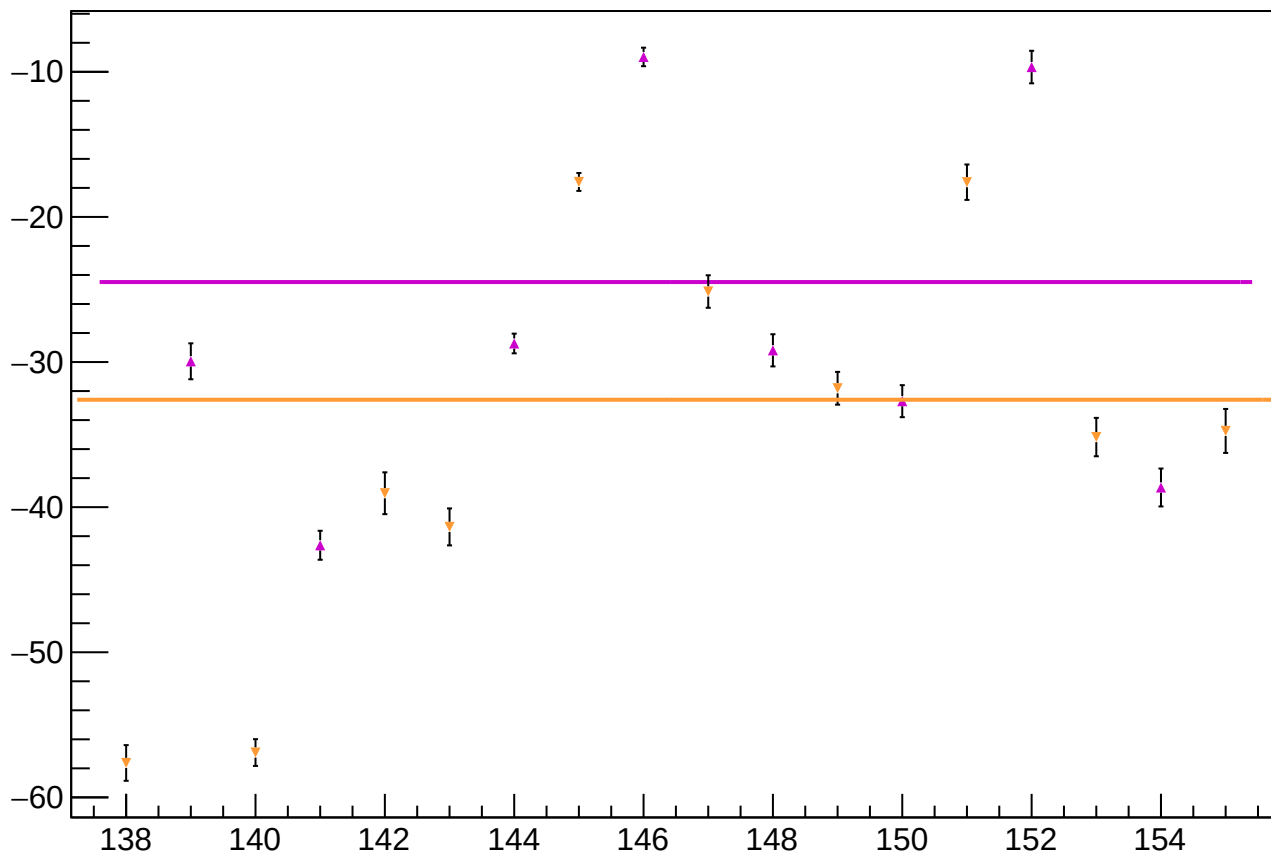
Right: -0.172 ± 0.049 χ^2/NDF : 1308.0/35

In: 1.327 ± 0.030 χ^2/NDF : 1098.8/24

Out: 1.204 ± 0.029 χ^2/NDF : 1591.4/28

All: 1.263 ± 0.021 χ^2/NDF : 2698.9/53

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -32.597+/-0.337 χ^2/NDF :1969.0/9

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

Left In: -24.488+/-0.328 χ^2/NDF :1344.3/7

Left: -28.435+/-0.235 χ^2/NDF : 3611.0/17

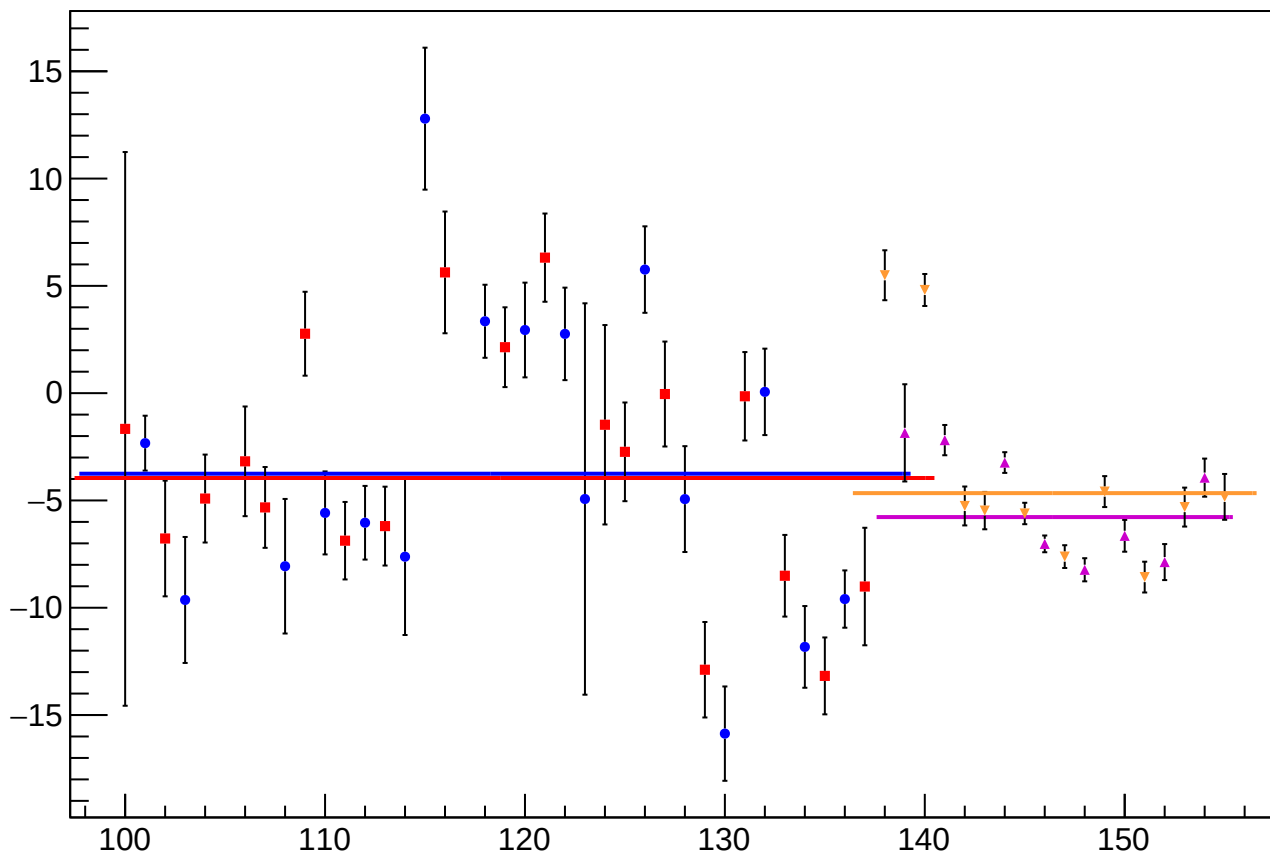
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.488+/-0.328 χ^2/NDF :1344.3/7

Out: -32.597+/-0.337 χ^2/NDF :1969.0/9

All: -28.435+/-0.235 χ^2/NDF : 3611.0/17

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: -4.659 ± 0.232 χ^2/NDF : 303.7/9

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

Left In: -5.775 ± 0.218 χ^2/NDF : 99.5/7

Left: -5.251 ± 0.159 χ^2/NDF : 415.5/17

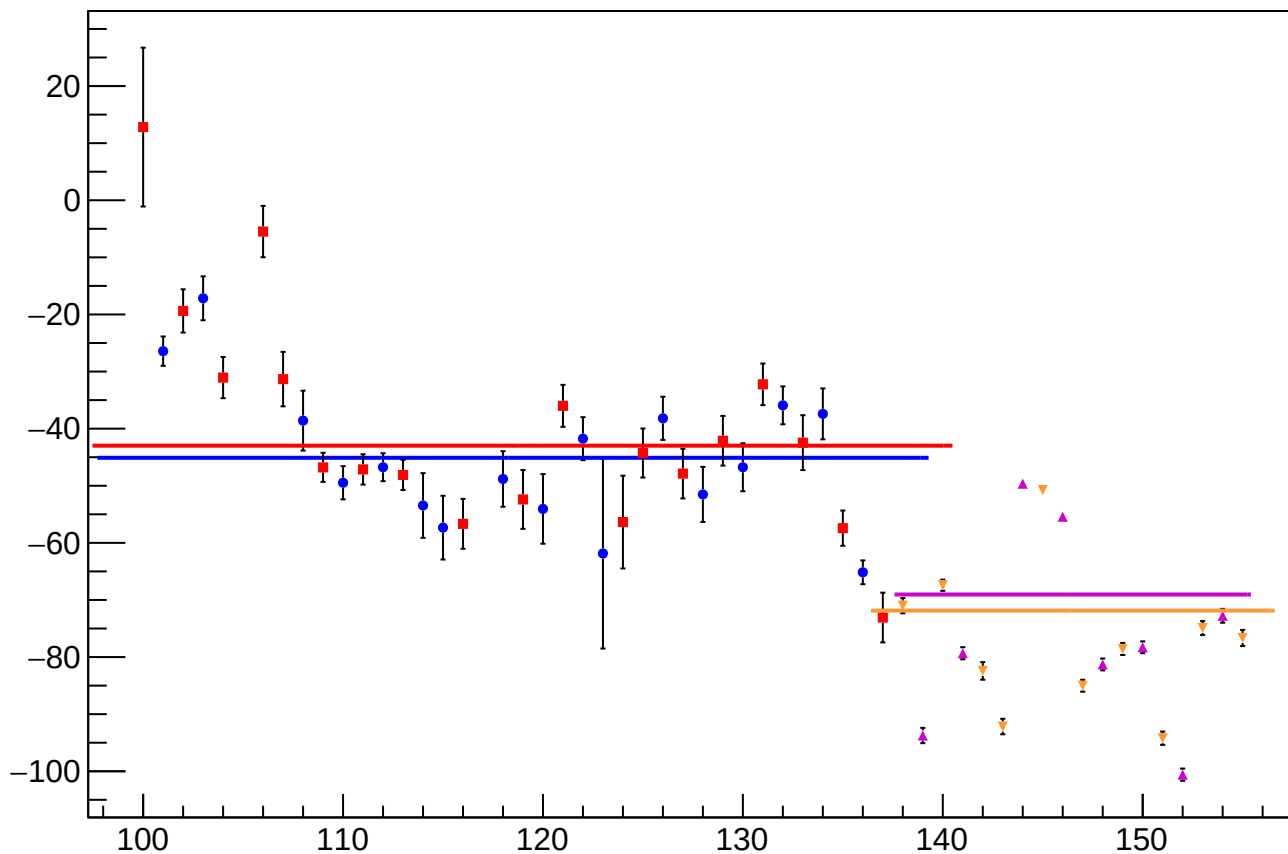
Right: -3.852 ± 0.354 χ^2/NDF : 288.7/35

In: -5.446 ± 0.200 χ^2/NDF : 278.7/24

Out: -4.537 ± 0.211 χ^2/NDF : 428.6/28

All: -5.016 ± 0.145 χ^2/NDF : 717.2/53

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -71.862 ± 0.341 χ^2/NDF : 1909.8/9

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

Left In: -69.043 ± 0.326 χ^2/NDF : 2734.9/7

Left: -70.389 ± 0.236 χ^2/NDF : 4680.4/17

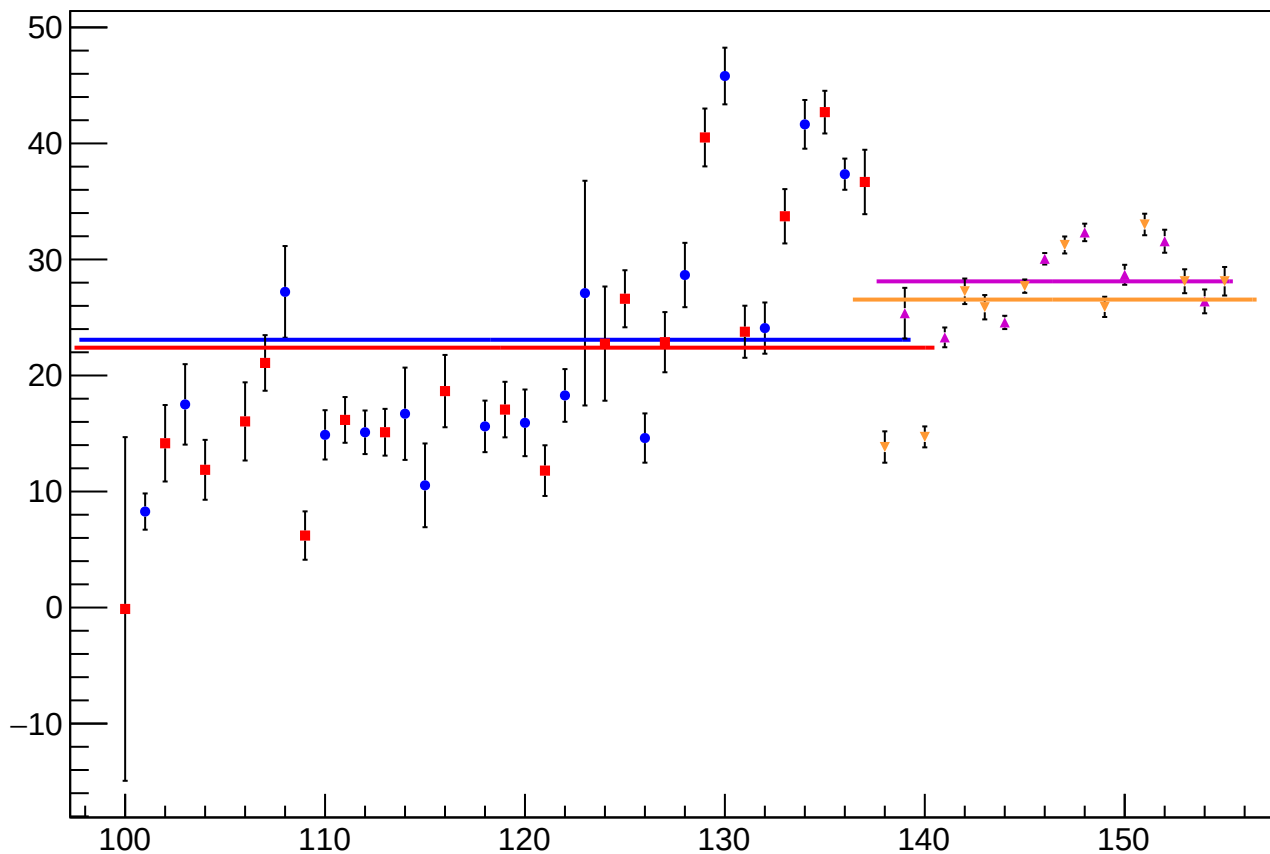
Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35

In: -66.159 ± 0.306 χ^2/NDF : 3614.6/24

Out: -68.070 ± 0.318 χ^2/NDF : 3100.1/28

All: -67.077 ± 0.220 χ^2/NDF : 6733.5/53

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF : 461.1/16

Left Out: 26.543+/-0.283 χ^2/NDF : 359.6/9

Right Out: 22.397+/-0.572 χ^2/NDF : 370.3/18

Left In: 28.112+/-0.269 χ^2/NDF : 134.0/7

Left: 27.367+/-0.195 χ^2/NDF : 509.7/17

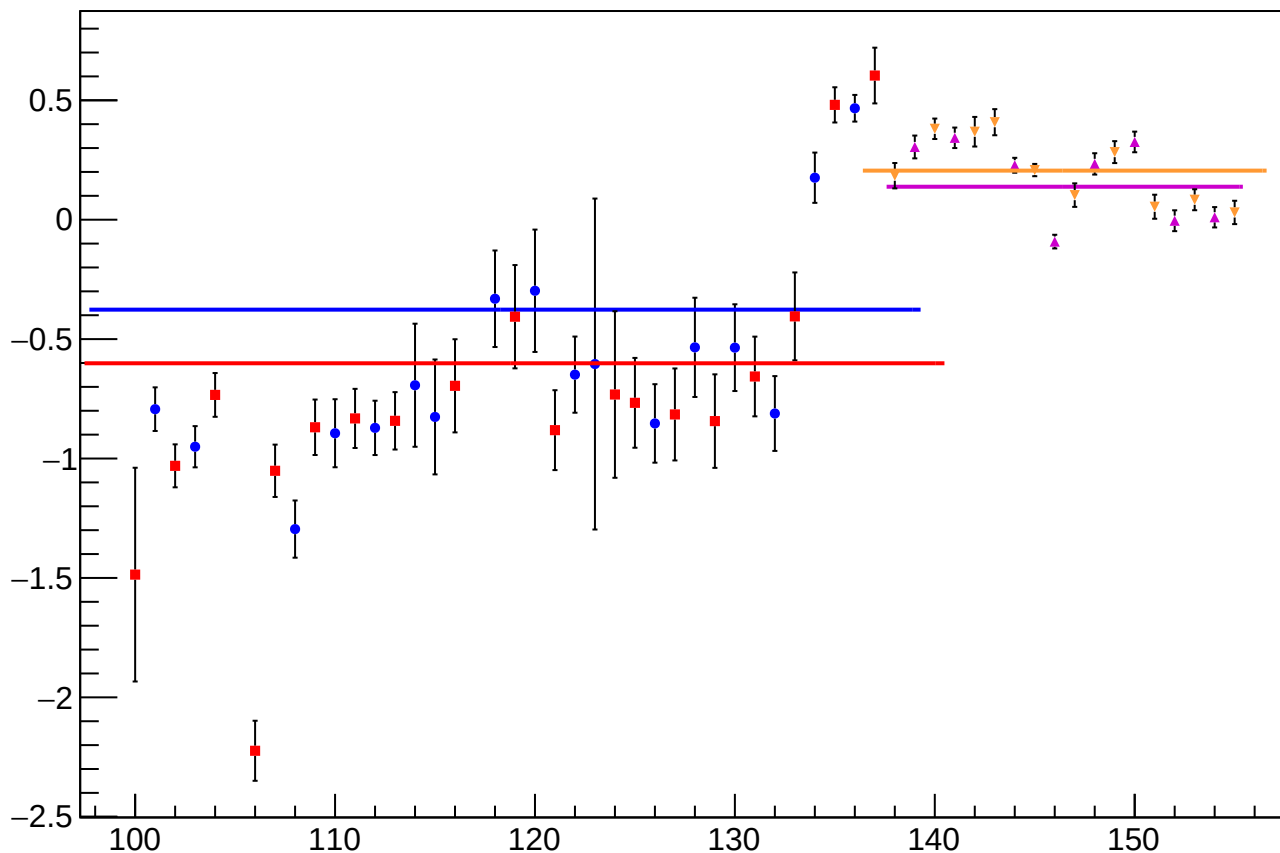
Right: 22.748+/-0.399 χ^2/NDF : 832.1/35

In: 27.155+/-0.242 χ^2/NDF : 661.5/24

Out: 25.727+/-0.254 χ^2/NDF : 772.0/28

All: 26.474+/-0.175 χ^2/NDF : 1450.0/53

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.206 ± 0.014 χ^2/NDF : 74.3/9

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

Left In: 0.138 ± 0.014 χ^2/NDF : 150.5/7

Left: 0.171 ± 0.010 χ^2/NDF : 236.8/17

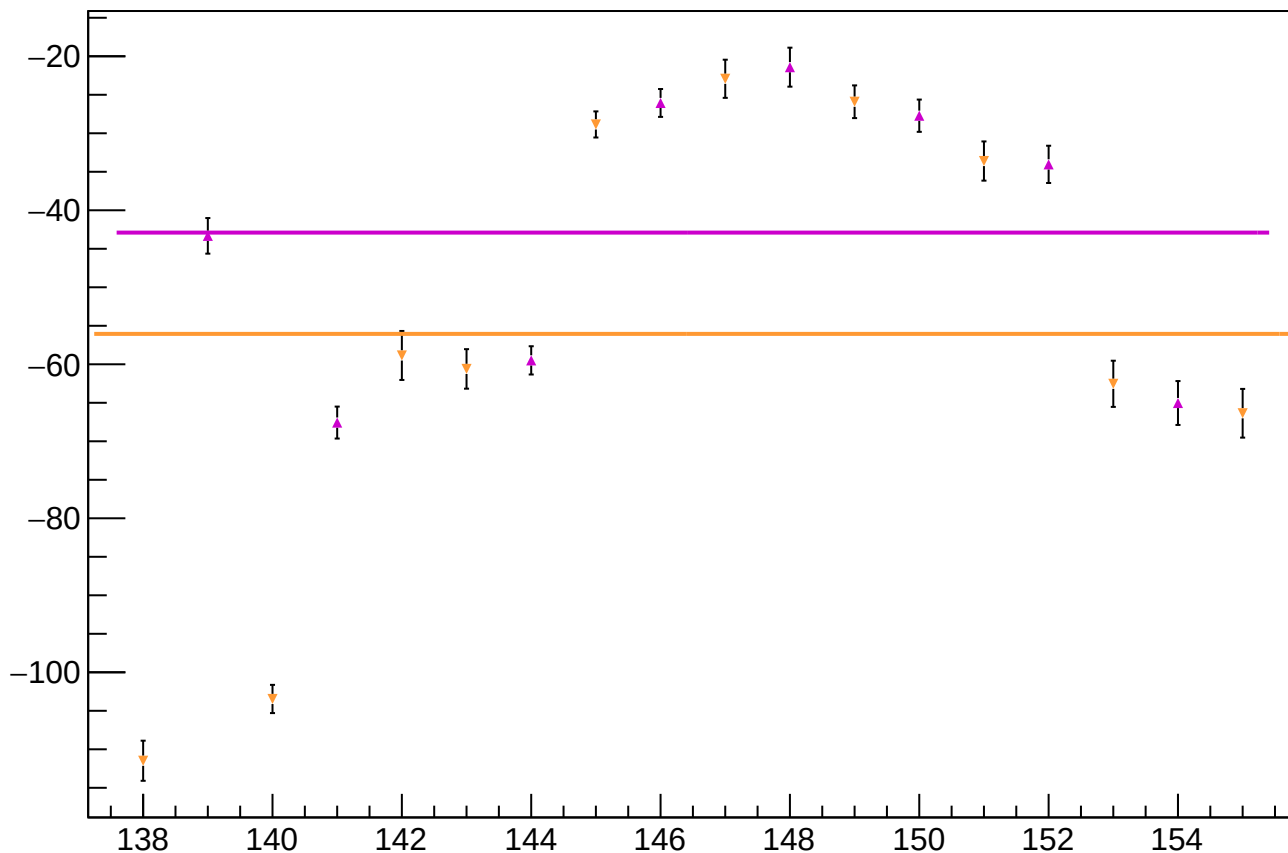
Right: -0.489 ± 0.021 χ^2/NDF : 1020.5/35

In: 0.050 ± 0.012 χ^2/NDF : 830.3/24

Out: 0.065 ± 0.013 χ^2/NDF : 1220.5/28

All: 0.057 ± 0.009 χ^2/NDF : 2051.6/53

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



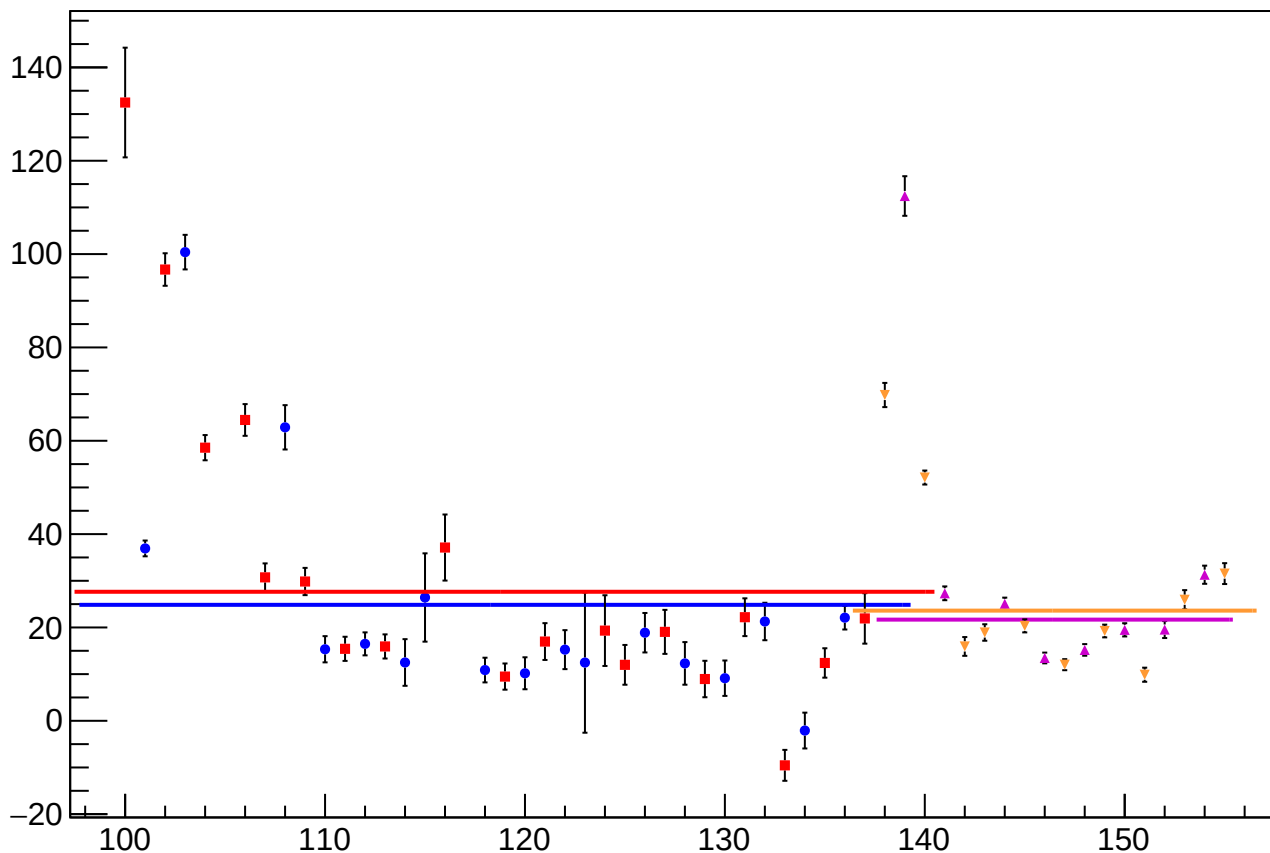
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -56.053+/-0.747 χ^2/NDF :1857.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -42.899+/-0.767 χ^2/NDF :507.9/7

Left: -49.653+/-0.535 χ^2/NDF : 2515.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.899+/-0.767 χ^2/NDF :507.9/7
 Out: -56.053+/-0.747 χ^2/NDF :1857.0/9

All: -49.653+/-0.535 χ^2/NDF : 2515.9/17

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 23.608 $\pm$ 0.513 χ^2 /NDF: 908.6/9

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

Left In: 21.680 $\pm$ 0.530 χ^2 /NDF: 585.5/7

Left: 22.675 $\pm$ 0.369 χ^2 /NDF: 1500.9/17

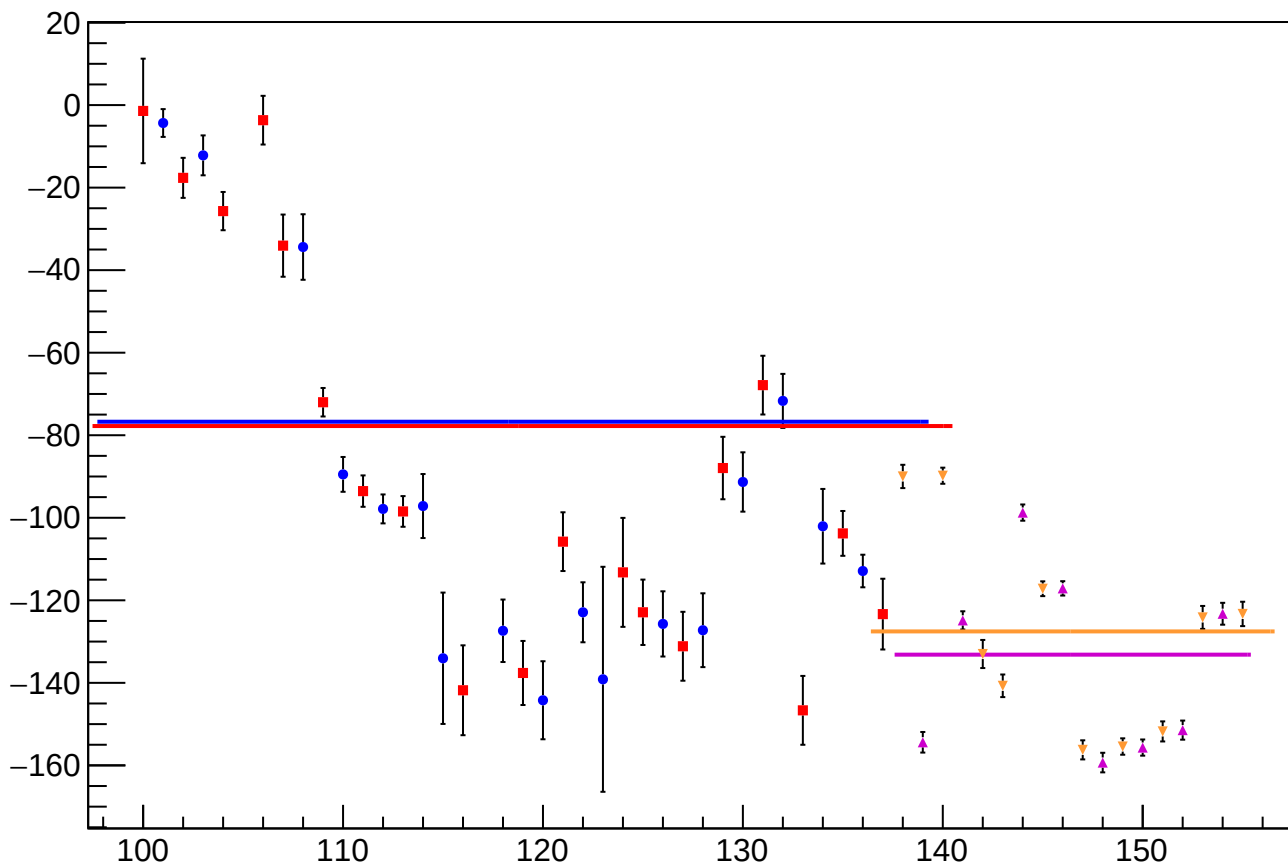
Right: 26.231 $\pm$ 0.570 χ^2 /NDF: 1706.0/35

In: 22.645 $\pm$ 0.442 χ^2 /NDF: 1287.2/24

Out: 24.765 $\pm$ 0.434 χ^2 /NDF: 1935.5/28

All: 23.725 $\pm$ 0.310 χ^2 /NDF: 3234.4/53

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 $\pm$ 1.412 χ^2/NDF : 1042.0/16

Left Out: -127.537 $\pm$ 0.751 χ^2/NDF : 1063.4/9

Right Out: -77.773 $\pm$ 1.352 χ^2/NDF : 871.8/18

Left In: -133.170 $\pm$ 0.762 χ^2/NDF : 808.0/7

Left: -130.313 $\pm$ 0.535 χ^2/NDF : 1899.1/17

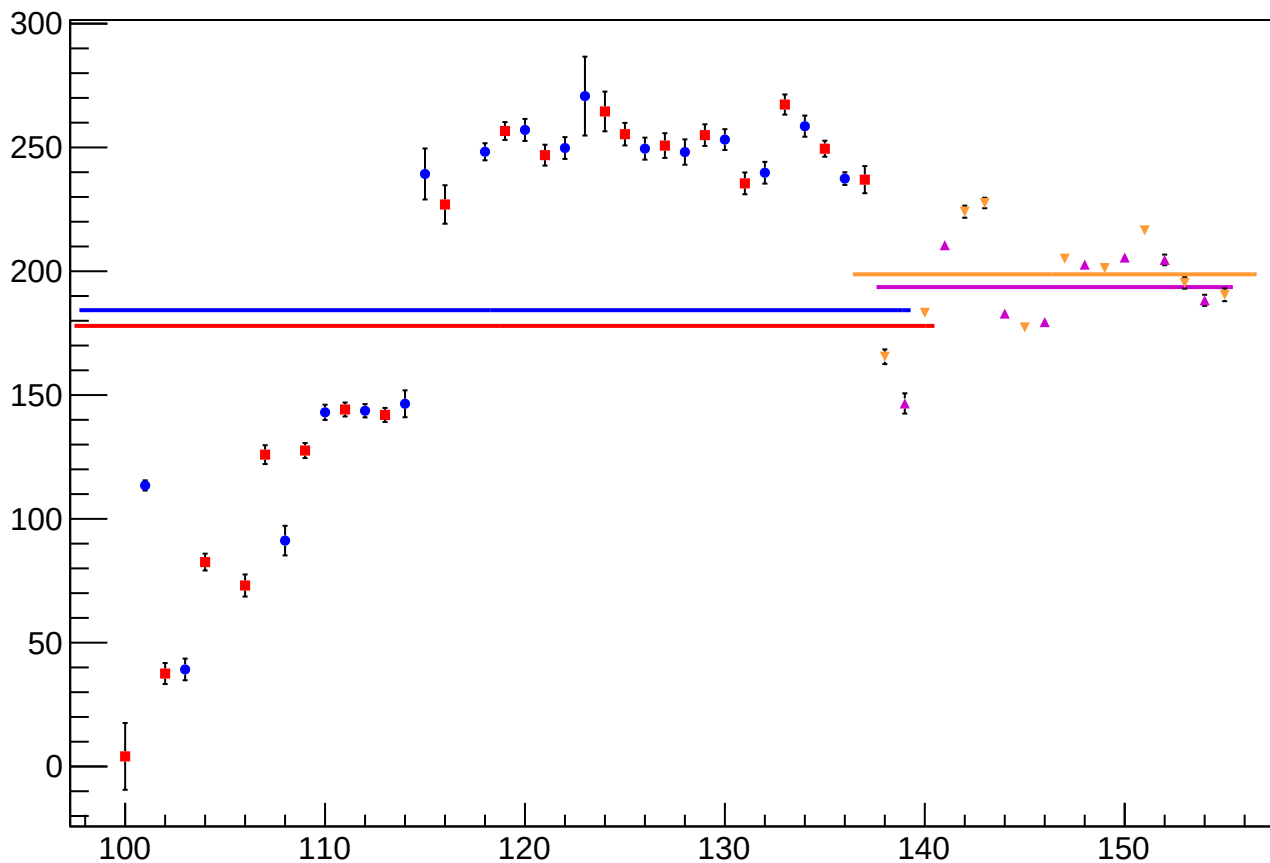
Right: -77.273 $\pm$ 0.977 χ^2/NDF : 1914.1/35

In: -120.443 $\pm$ 0.671 χ^2/NDF : 3087.2/24

Out: -115.802 $\pm$ 0.657 χ^2/NDF : 2970.1/28

All: -118.074 $\pm$ 0.469 χ^2/NDF : 6081.7/53

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF : 5401.0/16

Left Out: 198.765+/-0.627 χ^2/NDF : 784.0/9

Right Out: 177.930+/-0.924 χ^2/NDF : 6330.9/18

Left In: 193.611+/-0.646 χ^2/NDF : 479.7/7

Left: 196.264+/-0.450 χ^2/NDF : 1296.6/17

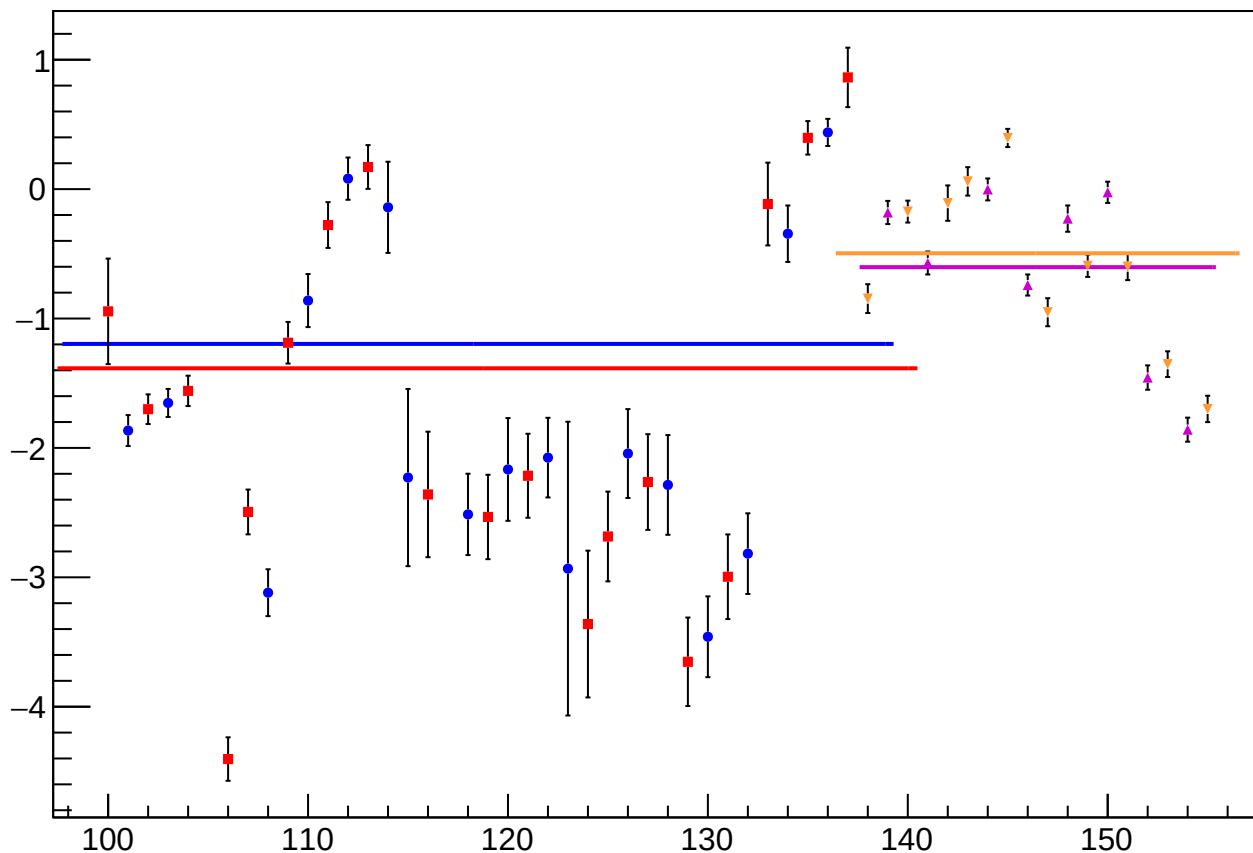
Right: 181.136+/-0.650 χ^2/NDF : 11755.7/35

In: 190.501+/-0.527 χ^2/NDF : 5950.4/24

Out: 192.199+/-0.519 χ^2/NDF : 7463.2/28

All: 191.364+/-0.370 χ^2/NDF : 13418.9/53

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.496 ± 0.031 χ^2/NDF : 451.9/9

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

Left In: -0.603 ± 0.031 χ^2/NDF : 403.9/7

Left: -0.548 ± 0.022 χ^2/NDF : 861.7/17

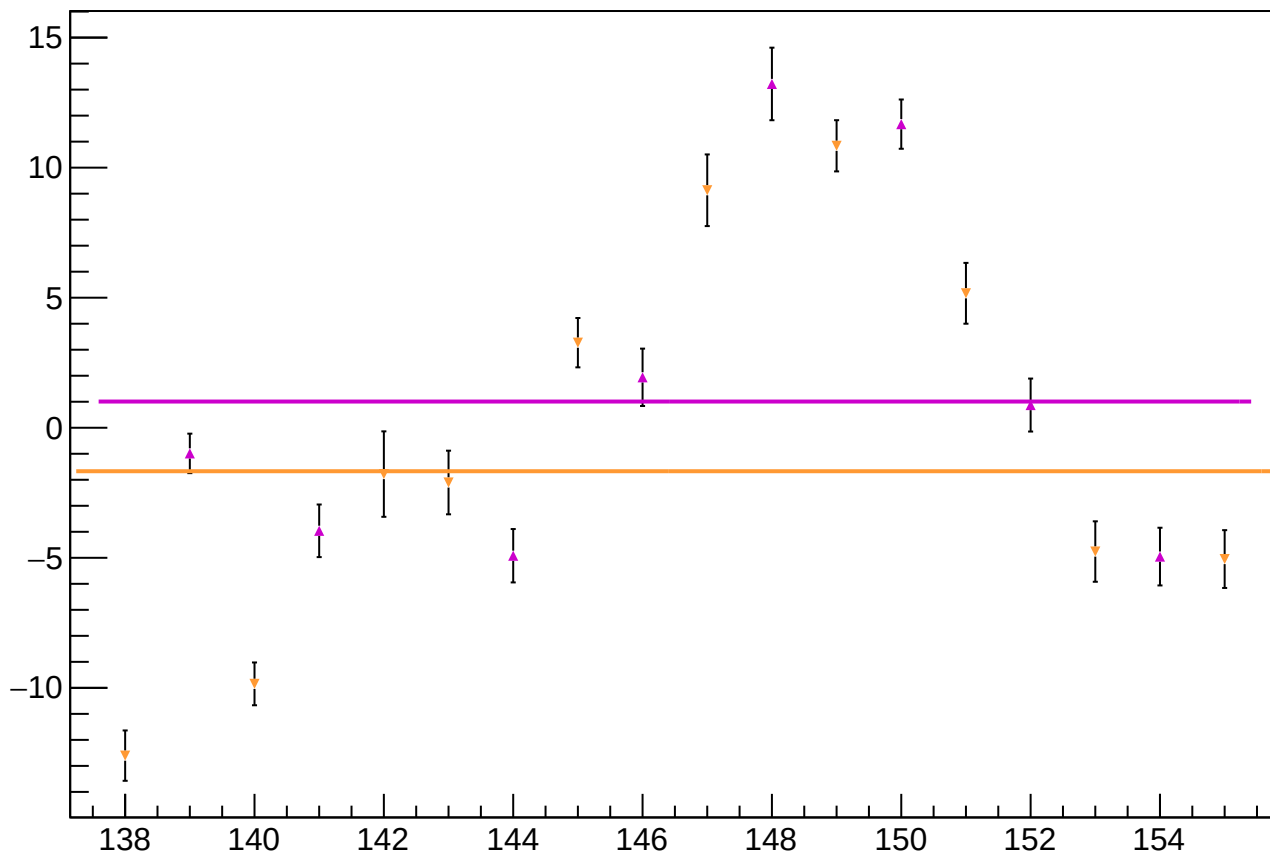
Right: -1.295 ± 0.033 χ^2/NDF : 1555.6/35

In: -0.780 ± 0.026 χ^2/NDF : 1133.7/24

Out: -0.770 ± 0.025 χ^2/NDF : 1636.9/28

All: -0.775 ± 0.018 χ^2/NDF : 2770.7/53

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.671+/-0.342 χ^2/NDF : 527.3/9

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

Left In: 1.008+/-0.356 χ^2/NDF : 297.5/7

Left: -0.384+/-0.247 χ^2/NDF : 854.2/17

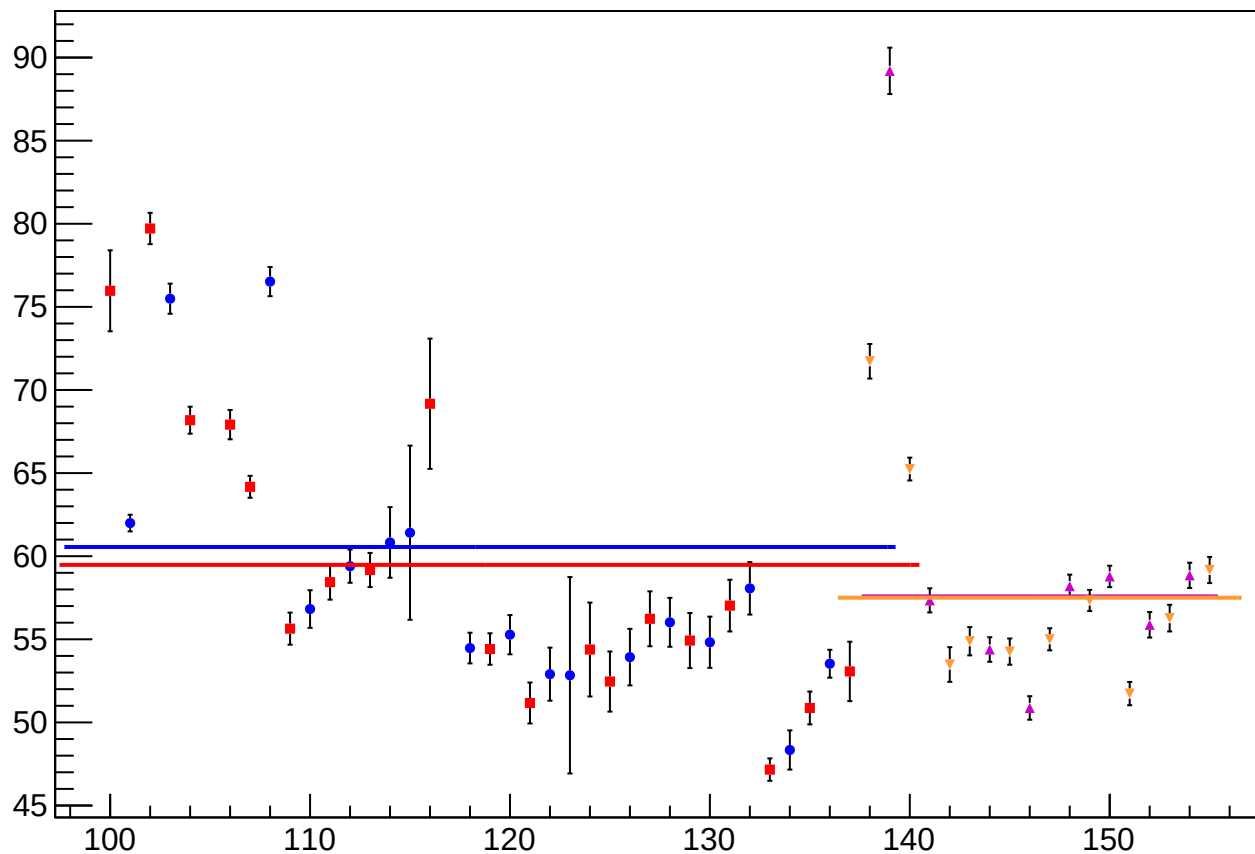
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.008+/-0.356 χ^2/NDF : 297.5/7

Out: -1.671+/-0.342 χ^2/NDF : 527.3/9

All: -0.384+/-0.247 χ^2/NDF : 854.2/17

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 57.503 ± 0.243 $\chi^2/\text{NDF}: 443.7/9$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

Left In: 57.581 ± 0.266 $\chi^2/\text{NDF}: 633.6/7$

Left: 57.539 ± 0.180 $\chi^2/\text{NDF}: 1077.4/17$

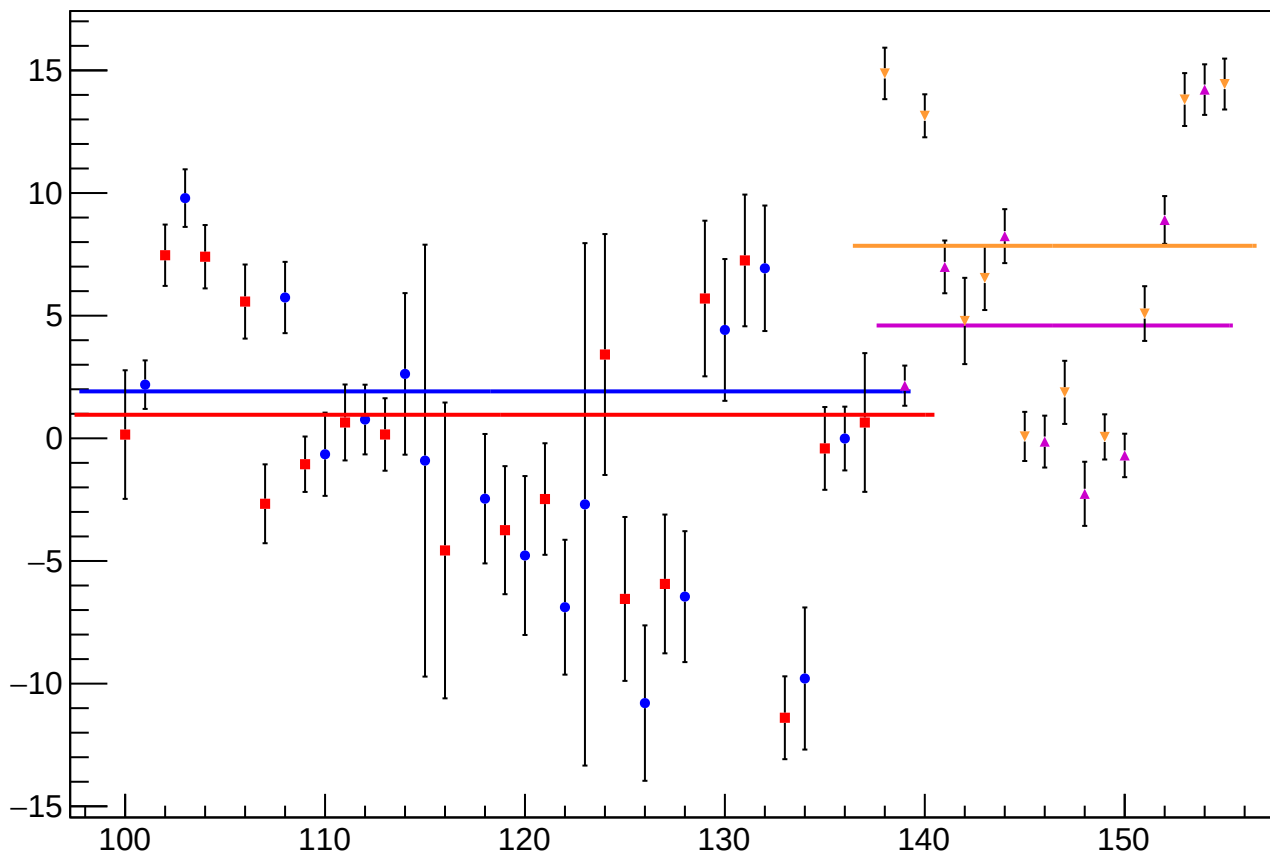
Right: 59.987 ± 0.180 $\chi^2/\text{NDF}: 2256.7/35$

In: 59.092 ± 0.186 $\chi^2/\text{NDF}: 1627.9/24$

Out: 58.472 ± 0.174 $\chi^2/\text{NDF}: 1793.0/28$

All: 58.760 ± 0.127 $\chi^2/\text{NDF}: 3426.8/53$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 7.849 ± 0.343 χ^2/NDF : 315.9/9

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

Left In: 4.600 ± 0.355 χ^2/NDF : 214.6/7

Left: 6.280 ± 0.247 χ^2/NDF : 573.8/17

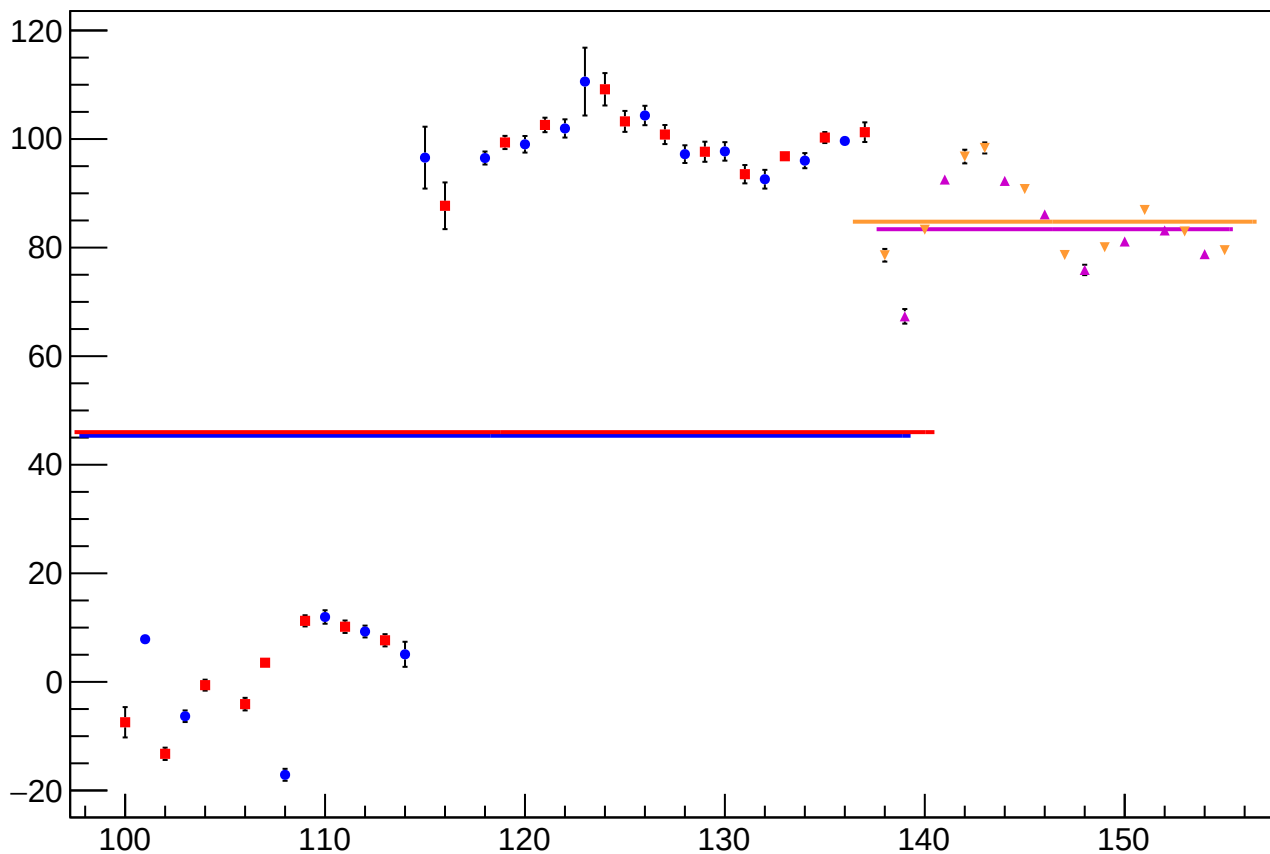
Right: 1.401 ± 0.311 χ^2/NDF : 273.4/35

In: 3.591 ± 0.281 χ^2/NDF : 357.8/24

Out: 5.124 ± 0.267 χ^2/NDF : 624.8/28

All: 4.396 ± 0.193 χ^2/NDF : 998.2/53

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 84.775 $\pm$ 0.293 χ^2 /NDF:471.7/9

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

Left In: 83.387 $\pm$ 0.318 χ^2 /NDF:464.7/7

Left: 84.136 $\pm$ 0.215 χ^2 /NDF: 946.6/17

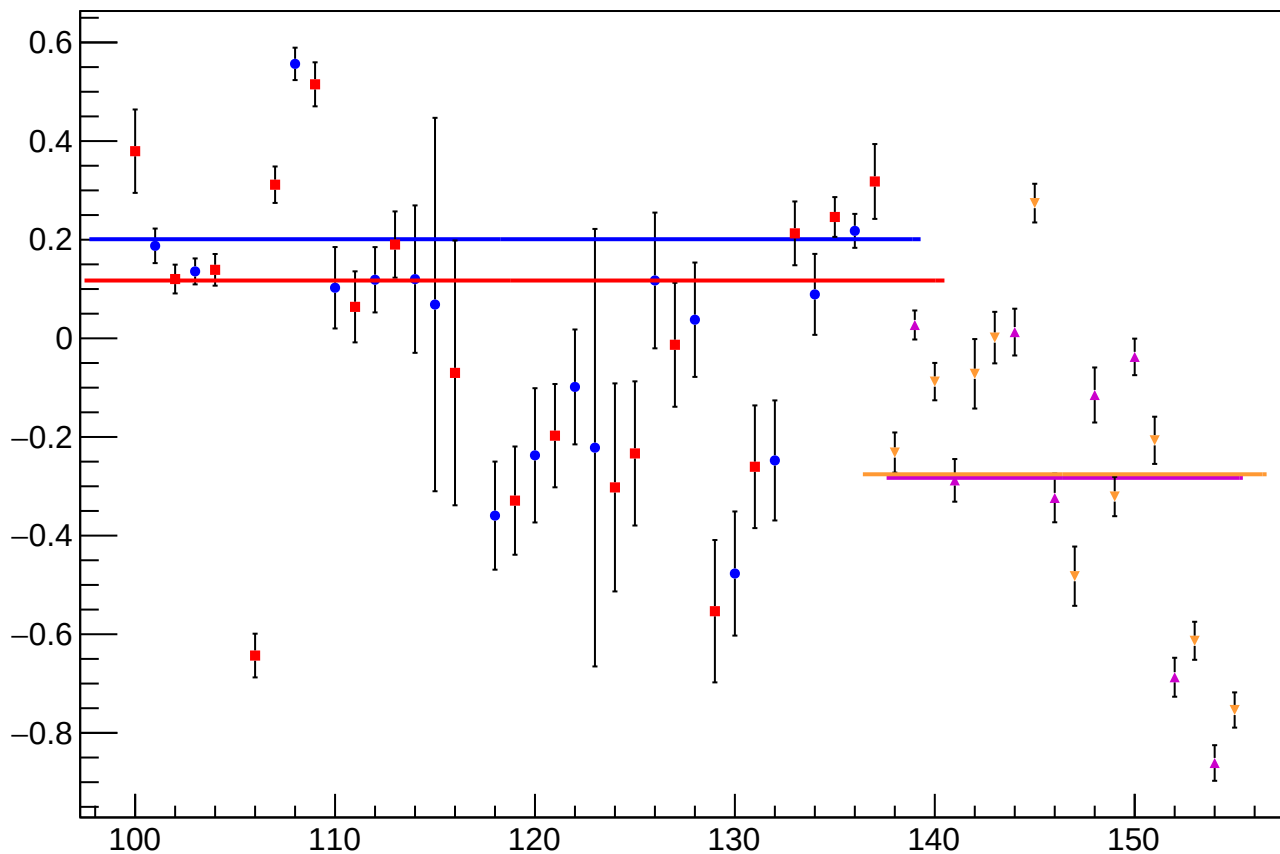
Right: 45.691 $\pm$ 0.209 χ^2 /NDF: 53293.4/35

In: 63.483 $\pm$ 0.219 χ^2 /NDF:33040.1/24

Out: 65.135 $\pm$ 0.206 χ^2 /NDF:37541.8/28

All: 64.361 $\pm$ 0.150 χ^2 /NDF: 70612.1/53

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.276 ± 0.014 χ^2/NDF : 529.4/9

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

Left In: -0.283 ± 0.014 χ^2/NDF : 564.5/7

Left: -0.279 ± 0.010 χ^2/NDF : 1094.1/17

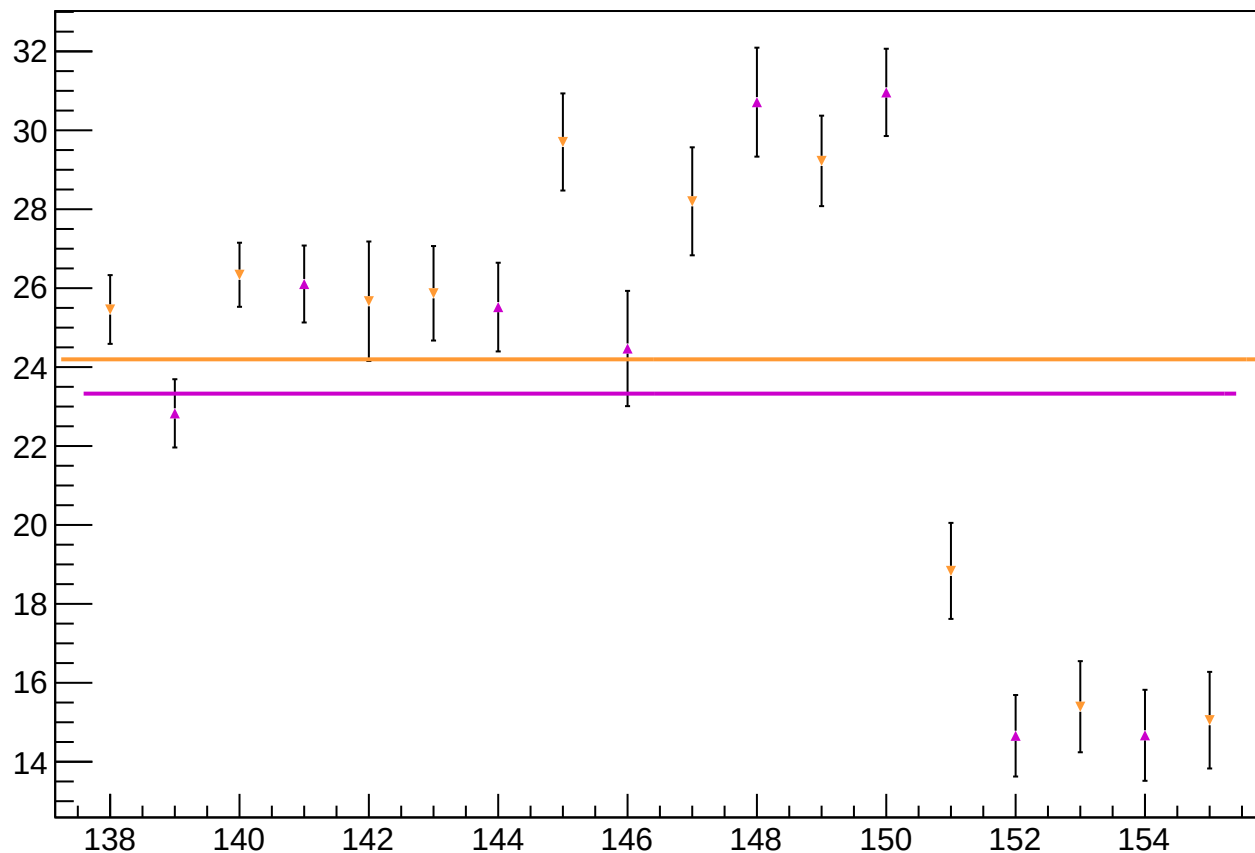
Right: 0.156 ± 0.010 χ^2/NDF : 737.1/35

In: -0.039 ± 0.010 χ^2/NDF : 1372.3/24

Out: -0.069 ± 0.009 χ^2/NDF : 1461.1/28

All: -0.055 ± 0.007 χ^2/NDF : 2838.1/53

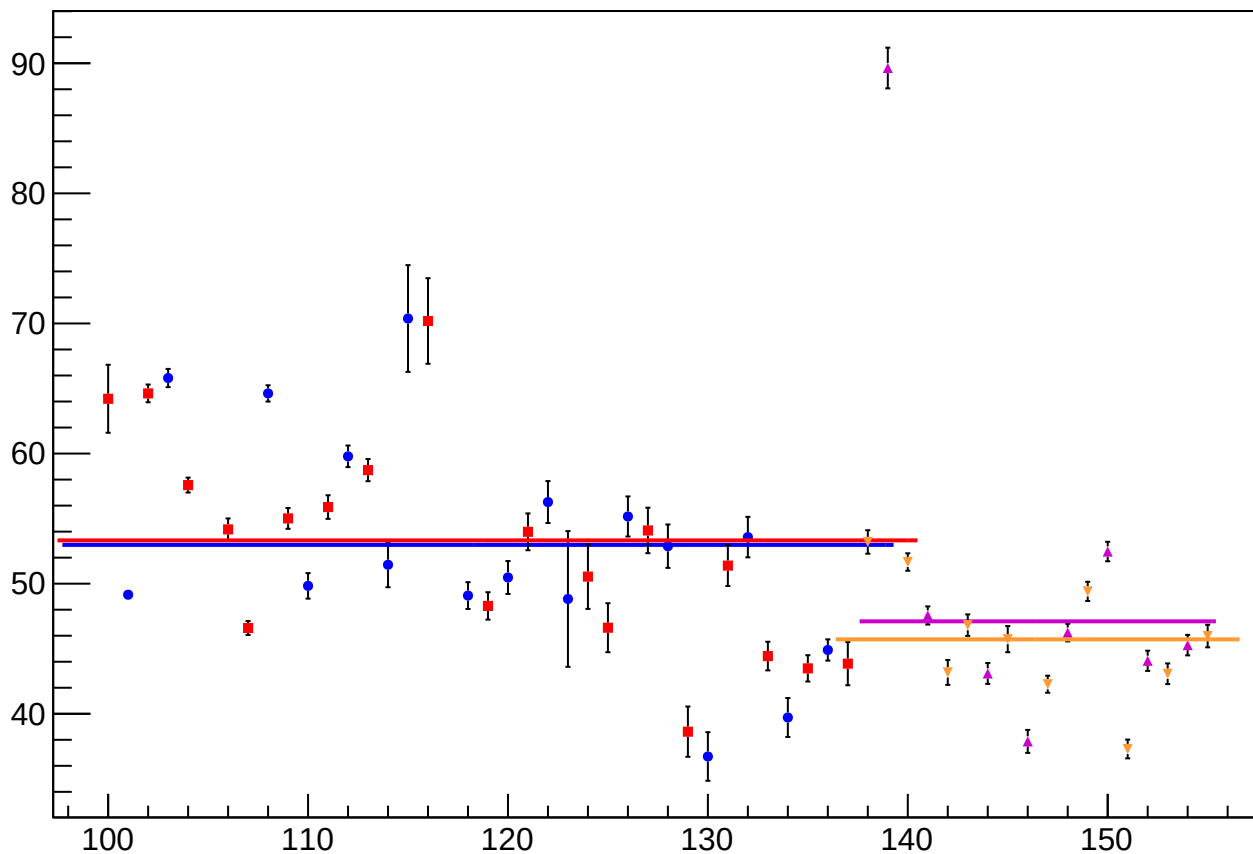
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 24.197+/-0.353 χ^2/NDF :193.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.327+/-0.387 χ^2/NDF :216.0/7

Left: 23.802+/-0.261 χ^2/NDF : 411.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 23.327+/-0.387 χ^2/NDF :216.0/7
 Out: 24.197+/-0.353 χ^2/NDF :193.1/9
 All: 23.802+/-0.261 χ^2/NDF : 411.9/17

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 45.720 $\pm$ 0.250 χ^2 /NDF: 356.2/9

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

Left In: 47.104 $\pm$ 0.283 χ^2 /NDF: 948.5/7

Left: 46.328 $\pm$ 0.187 χ^2 /NDF: 1318.2/17

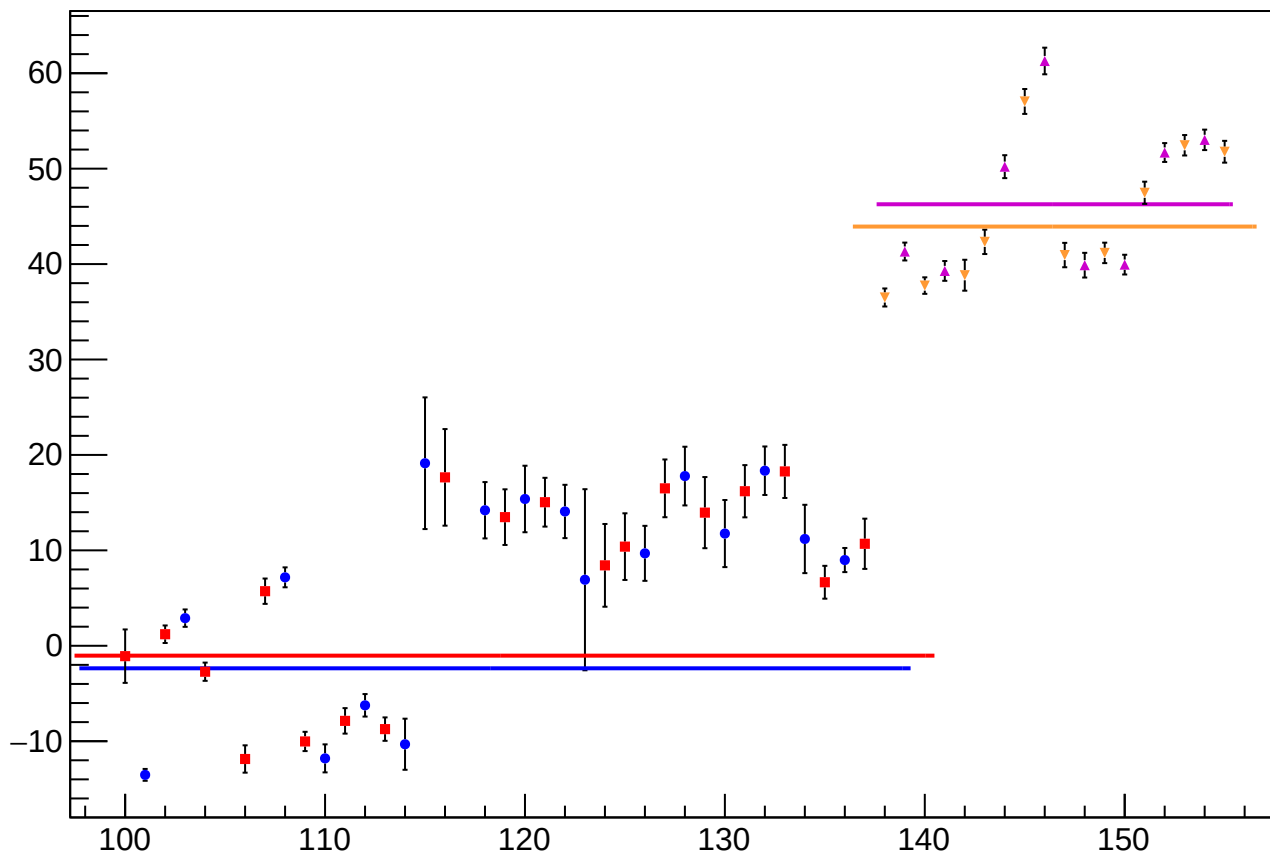
Right: 53.141 $\pm$ 0.154 χ^2 /NDF: 2071.7/35

In: 50.888 $\pm$ 0.169 χ^2 /NDF: 2424.8/24

Out: 49.896 $\pm$ 0.168 χ^2 /NDF: 1736.9/28

All: 50.390 $\pm$ 0.119 χ^2 /NDF: 4179.0/53

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 $\chi^2/\text{NDF}: 840.8/16$

Left Out: 43.931 ± 0.356 $\chi^2/\text{NDF}: 357.1/9$

Right Out: -1.035 ± 0.377 $\chi^2/\text{NDF}: 507.7/18$

Left In: 46.268 ± 0.386 $\chi^2/\text{NDF}: 331.4/7$

Left: 45.004 ± 0.262 $\chi^2/\text{NDF}: 708.3/17$

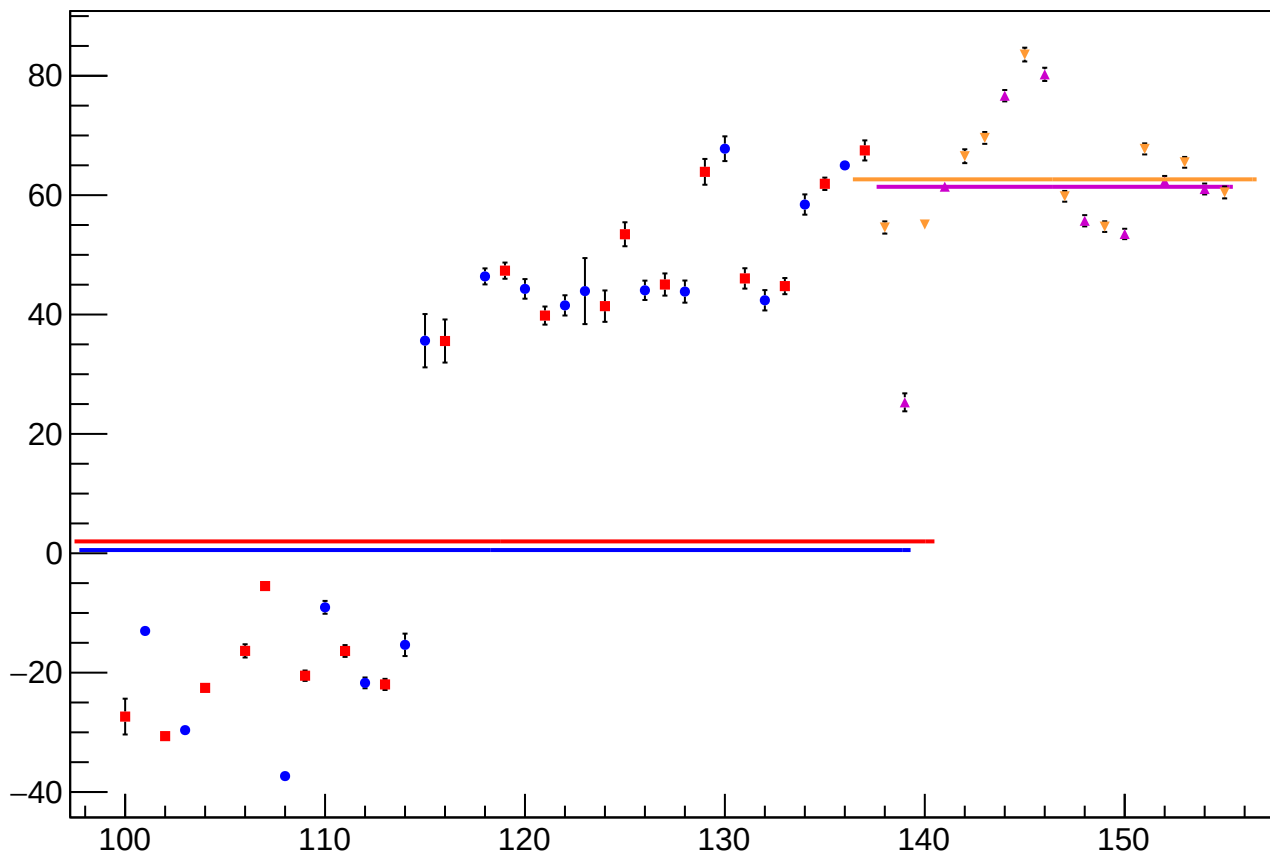
Right: -1.721 ± 0.262 $\chi^2/\text{NDF}: 1355.0/35$

In: 20.502 ± 0.265 $\chi^2/\text{NDF}: 9572.0/24$

Out: 22.736 ± 0.259 $\chi^2/\text{NDF}: 8388.9/28$

All: 21.645 ± 0.185 $\chi^2/\text{NDF}: 17997.4/53$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF : 18423.8/16

Left Out: 62.650+/-0.303 χ^2/NDF : 671.4/9

Right Out: 1.990+/-0.267 χ^2/NDF : 15476.7/18

Left In: 61.400+/-0.340 χ^2/NDF : 1241.8/7

Left: 62.097+/-0.226 χ^2/NDF : 1920.7/17

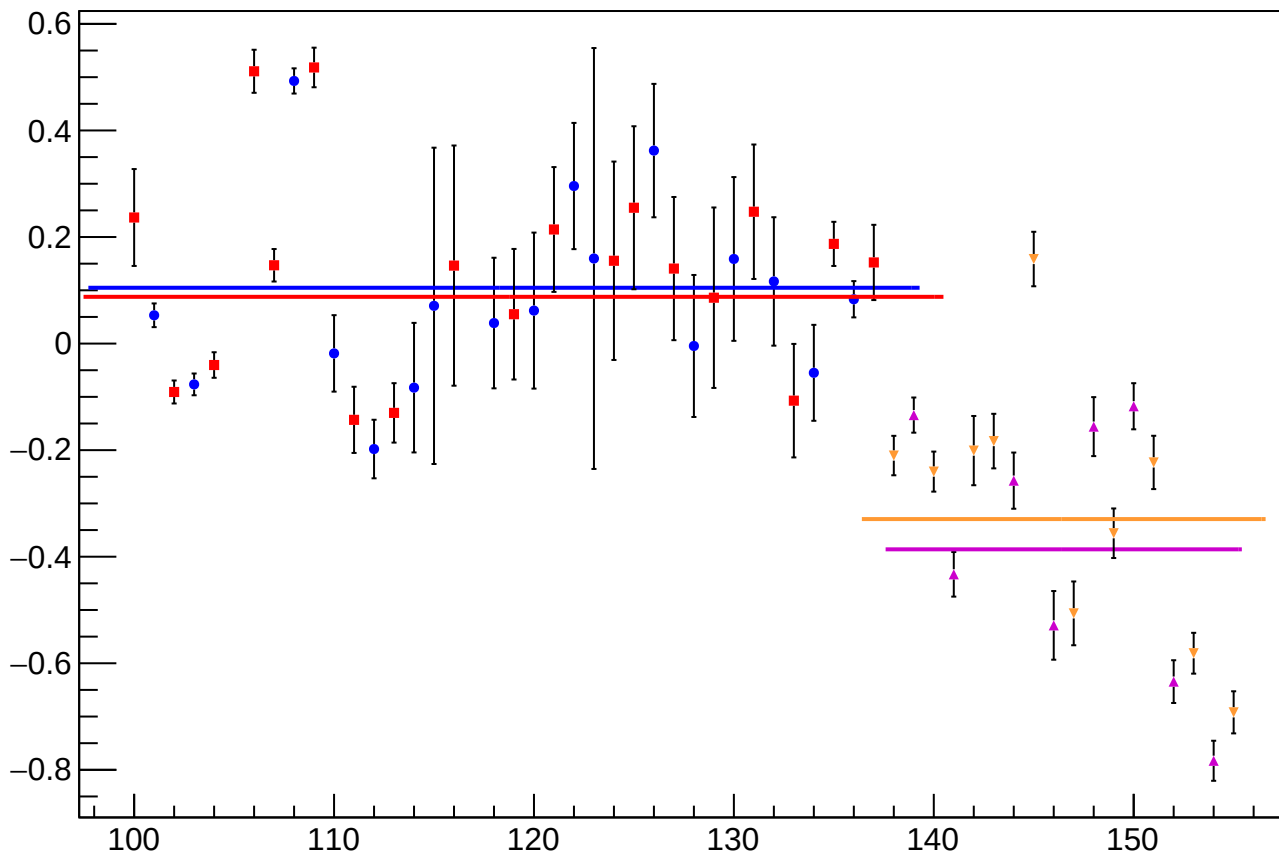
Right: 1.210+/-0.181 χ^2/NDF : 33916.4/35

In: 21.506+/-0.200 χ^2/NDF : 40629.0/24

Out: 28.453+/-0.200 χ^2/NDF : 38747.2/28

All: 24.973+/-0.141 χ^2/NDF : 79979.8/53

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.329 ± 0.014 χ^2/NDF : 260.2/9

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.386 ± 0.015 χ^2/NDF : 276.0/7

Left: -0.356 ± 0.010 χ^2/NDF : 543.6/17

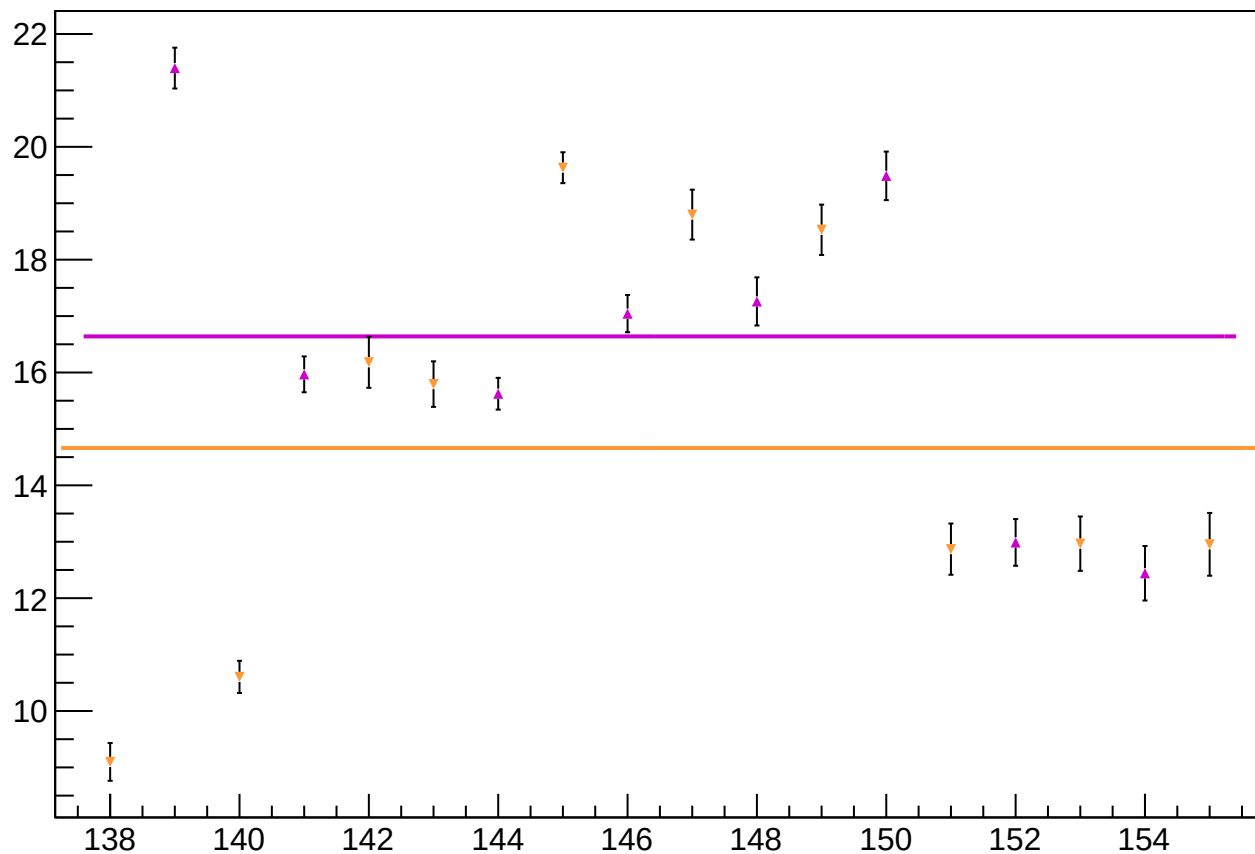
Right: 0.096 ± 0.008 χ^2/NDF : 792.9/35

In: -0.063 ± 0.009 χ^2/NDF : 1354.9/24

Out: -0.068 ± 0.009 χ^2/NDF : 1186.4/28

All: -0.066 ± 0.006 χ^2/NDF : 2541.4/53

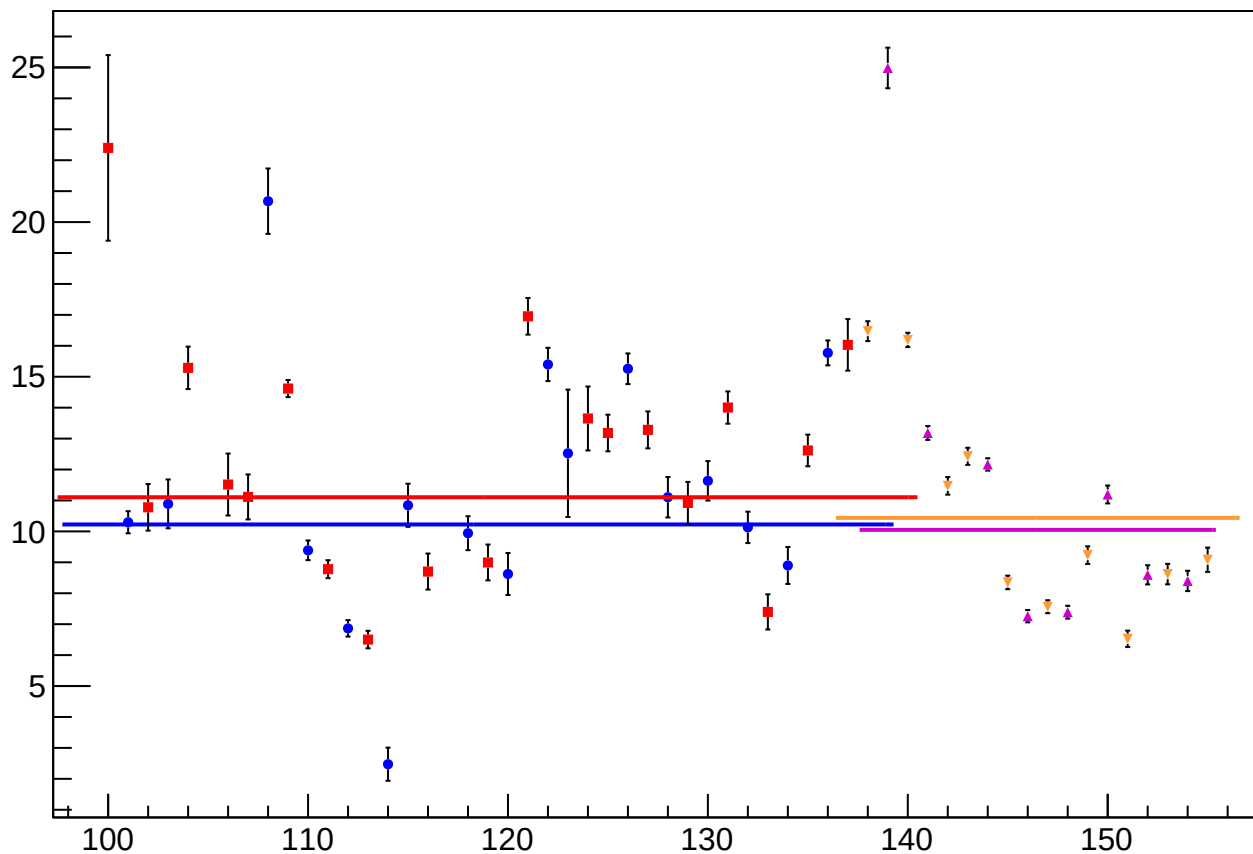
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.662+/-0.121 χ^2/NDF :1026.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.640+/-0.129 χ^2/NDF :390.8/7

Left: 15.591+/-0.088 χ^2/NDF : 1542.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 16.640+/-0.129 χ^2/NDF :390.8/7
 Out: 14.662+/-0.121 χ^2/NDF :1026.5/9
 All: 15.591+/-0.088 χ^2/NDF : 1542.4/17

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 10.437 $\pm$ 0.085 χ^2 /NDF:1590.4/9

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

Left In: 10.049 $\pm$ 0.089 χ^2 /NDF:1246.8/7

Left: 10.252 $\pm$ 0.061 χ^2 /NDF: 2847.2/17

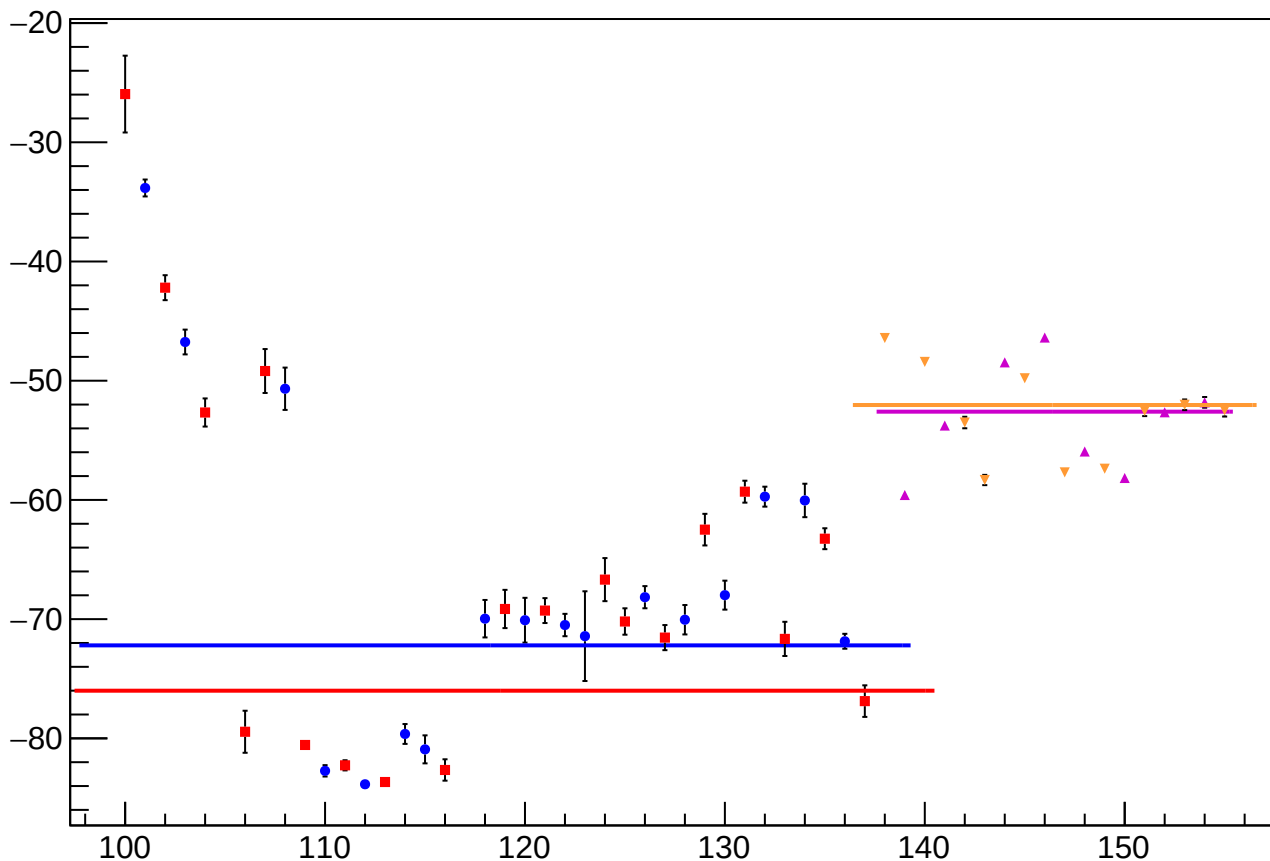
Right: 10.673 $\pm$ 0.083 χ^2 /NDF: 1722.7/35

In: 10.112 $\pm$ 0.071 χ^2 /NDF:2125.8/24

Out: 10.668 $\pm$ 0.068 χ^2 /NDF:2429.1/28

All: 10.400 $\pm$ 0.049 χ^2 /NDF: 4586.6/53

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -52.039 ± 0.124 χ^2/NDF : 1016.3/9

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

Left In: -52.596 ± 0.129 χ^2/NDF : 1167.6/7

Left: -52.306 ± 0.089 χ^2/NDF : 2193.6/17

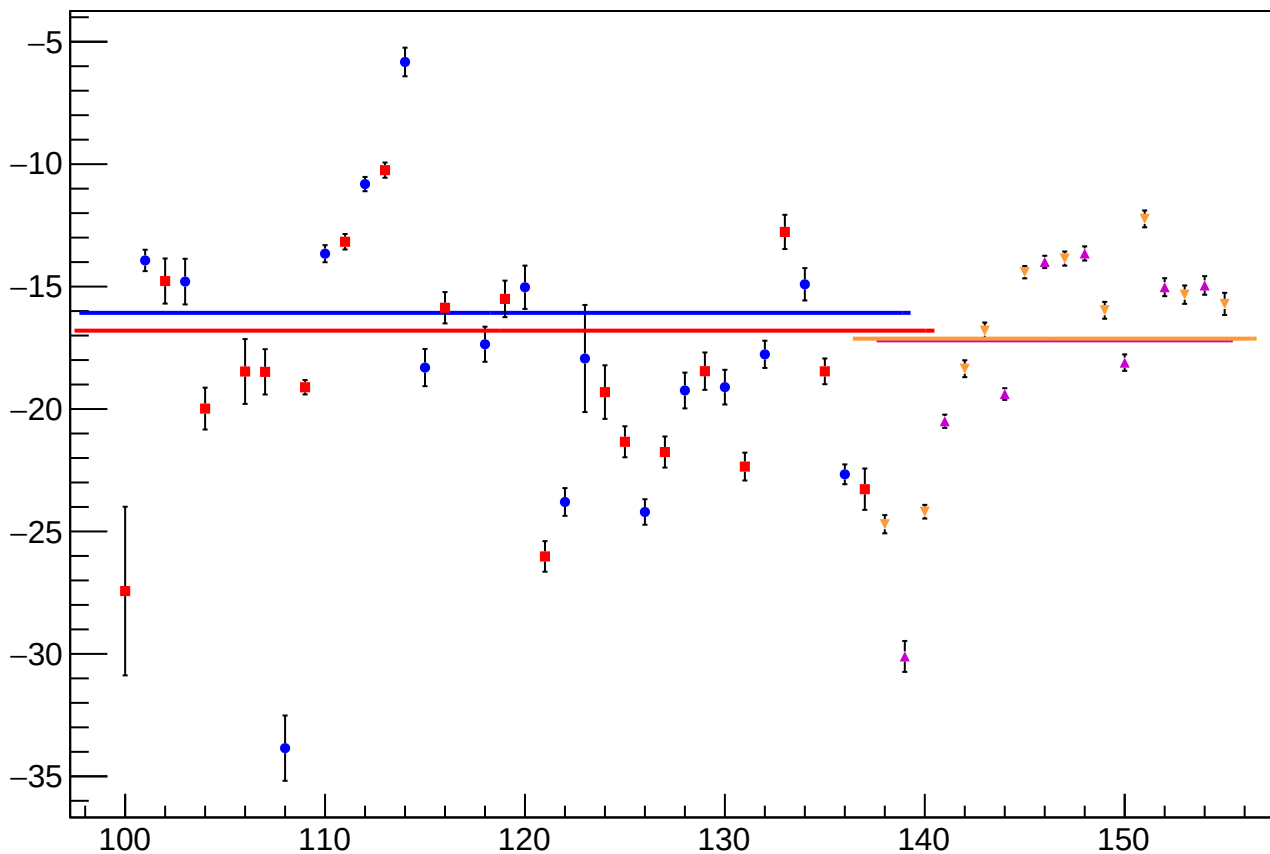
Right: -74.270 ± 0.133 χ^2/NDF : 9233.6/35

In: -58.459 ± 0.108 χ^2/NDF : 13627.8/24

Out: -59.669 ± 0.102 χ^2/NDF : 16438.3/28

All: -59.098 ± 0.074 χ^2/NDF : 30132.4/53

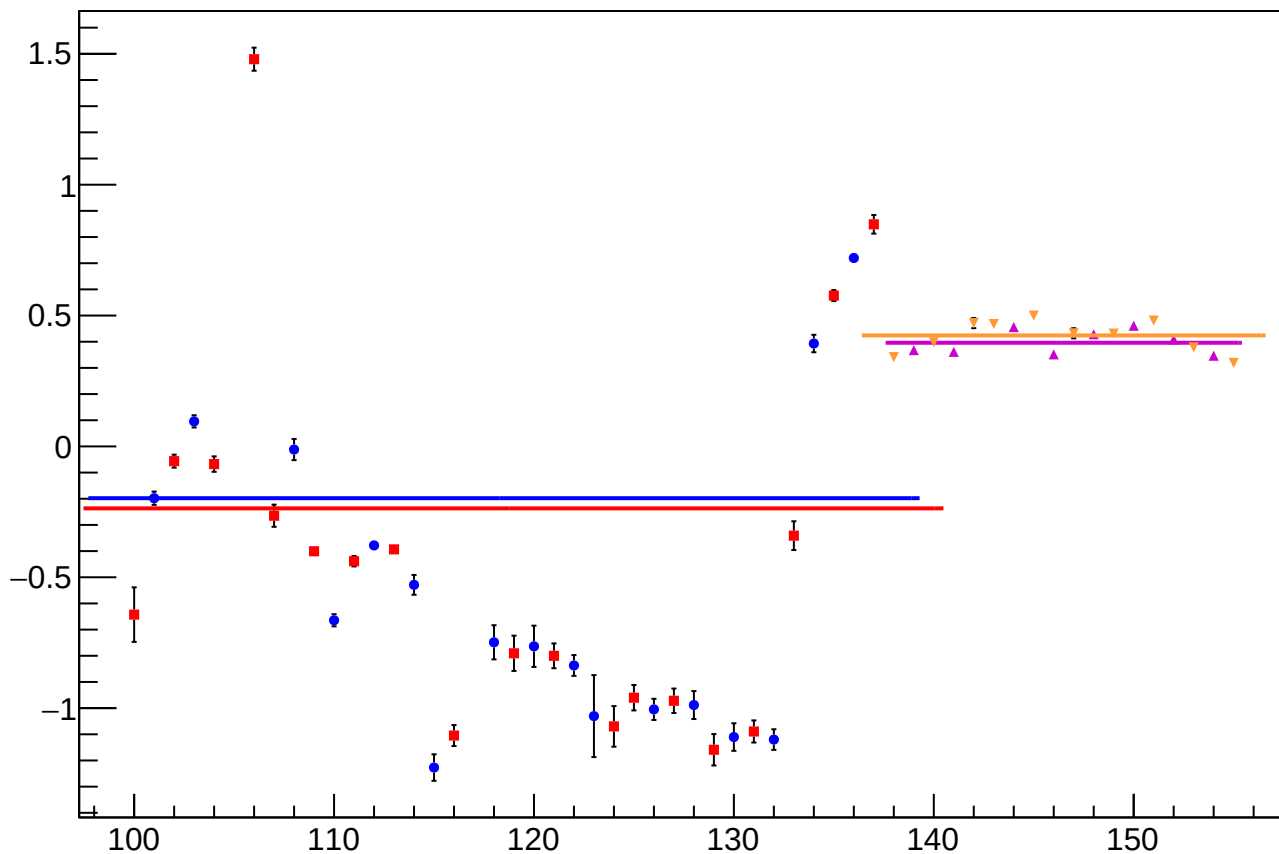
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16
 Left Out: -17.126 ± 0.103 χ^2/NDF : 1553.8/9
 Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18
 Left In: -17.196 ± 0.109 χ^2/NDF : 1036.7/7

Left: -17.159 ± 0.075 χ^2/NDF : 2590.7/17
 Right: -16.447 ± 0.092 χ^2/NDF : 2872.2/35
 In: -16.741 ± 0.084 χ^2/NDF : 2720.6/24
 Out: -16.997 ± 0.080 χ^2/NDF : 2773.5/28
 All: -16.875 ± 0.058 χ^2/NDF : 5498.9/53

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.424 ± 0.005 χ^2/NDF : 144.6/9

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

Left In: 0.396 ± 0.005 χ^2/NDF : 69.6/7

Left: 0.411 ± 0.004 χ^2/NDF : 229.0/17

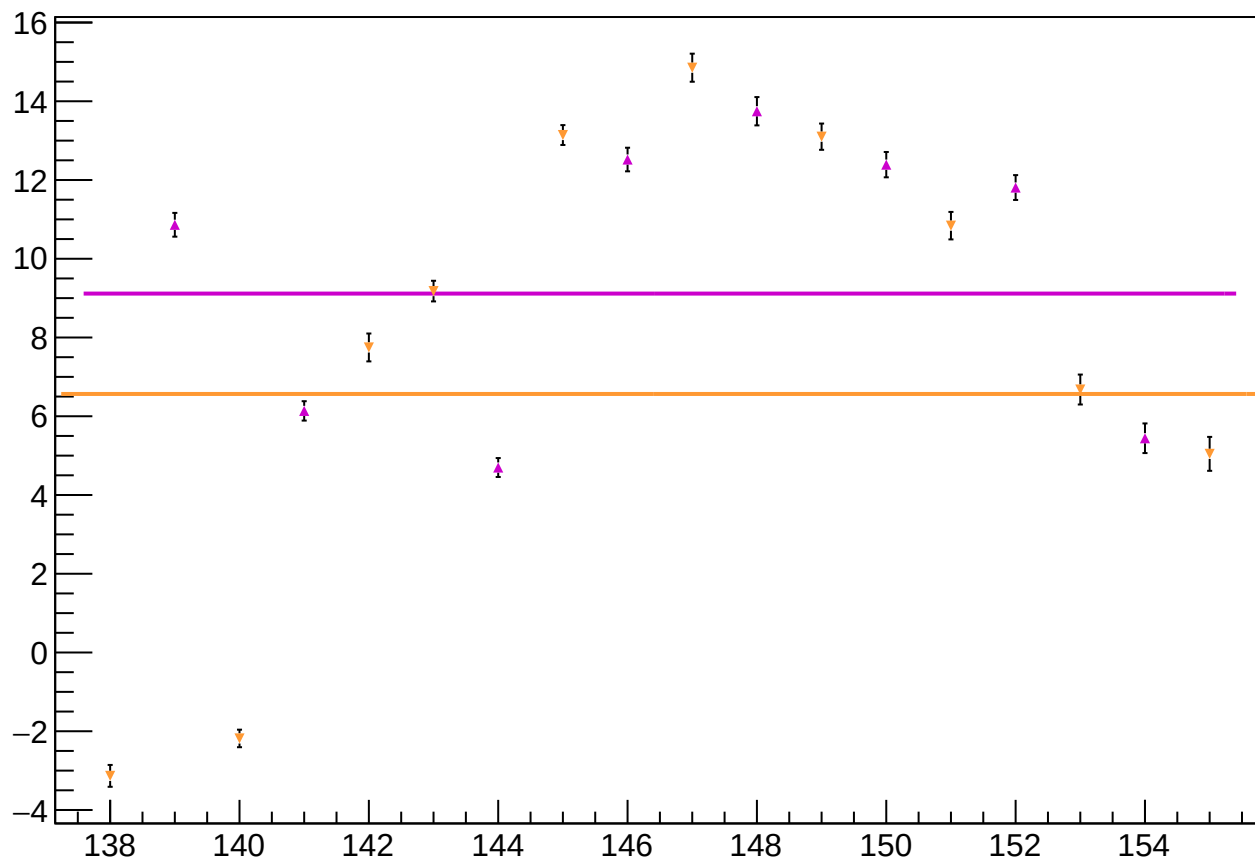
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: 0.200 ± 0.004 χ^2/NDF : 10571.7/24

Out: 0.207 ± 0.004 χ^2/NDF : 12063.1/28

All: 0.204 ± 0.003 χ^2/NDF : 22635.9/53

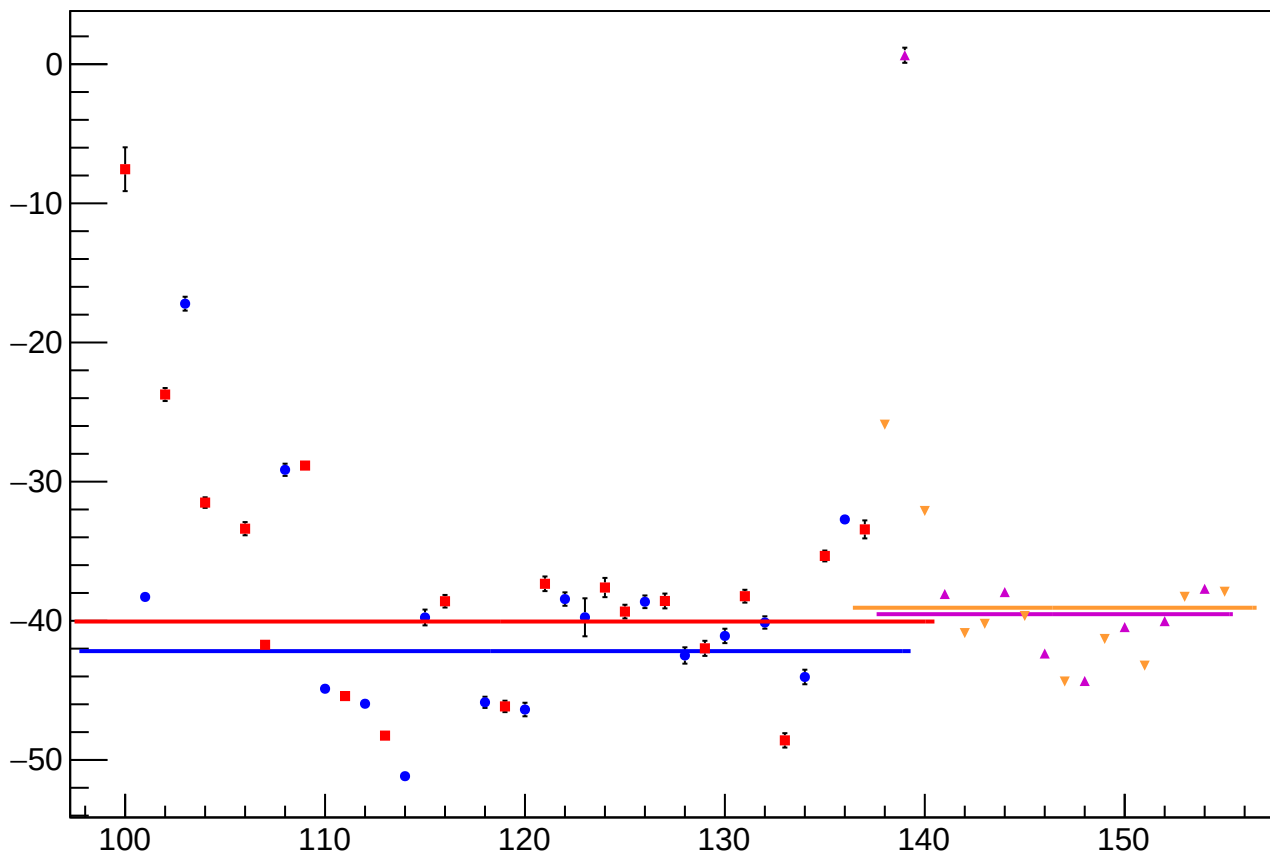
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.566+/-0.096 χ^2/NDF :4640.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.116+/-0.105 χ^2/NDF :1084.3/7

Left: 7.723+/-0.071 χ^2/NDF : 6045.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.116+/-0.105 χ^2/NDF :1084.3/7
 Out: 6.566+/-0.096 χ^2/NDF :4640.4/9
 All: 7.723+/-0.071 χ^2/NDF : 6045.5/17

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF : 6573.8/16

Left Out: -39.061+/-0.067 χ^2/NDF : 5496.5/9

Right Out: -40.052+/-0.073 χ^2/NDF : 11313.5/18

Left In: -39.524+/-0.073 χ^2/NDF : 6642.8/7

Left: -39.271+/-0.049 χ^2/NDF : 12161.1/17

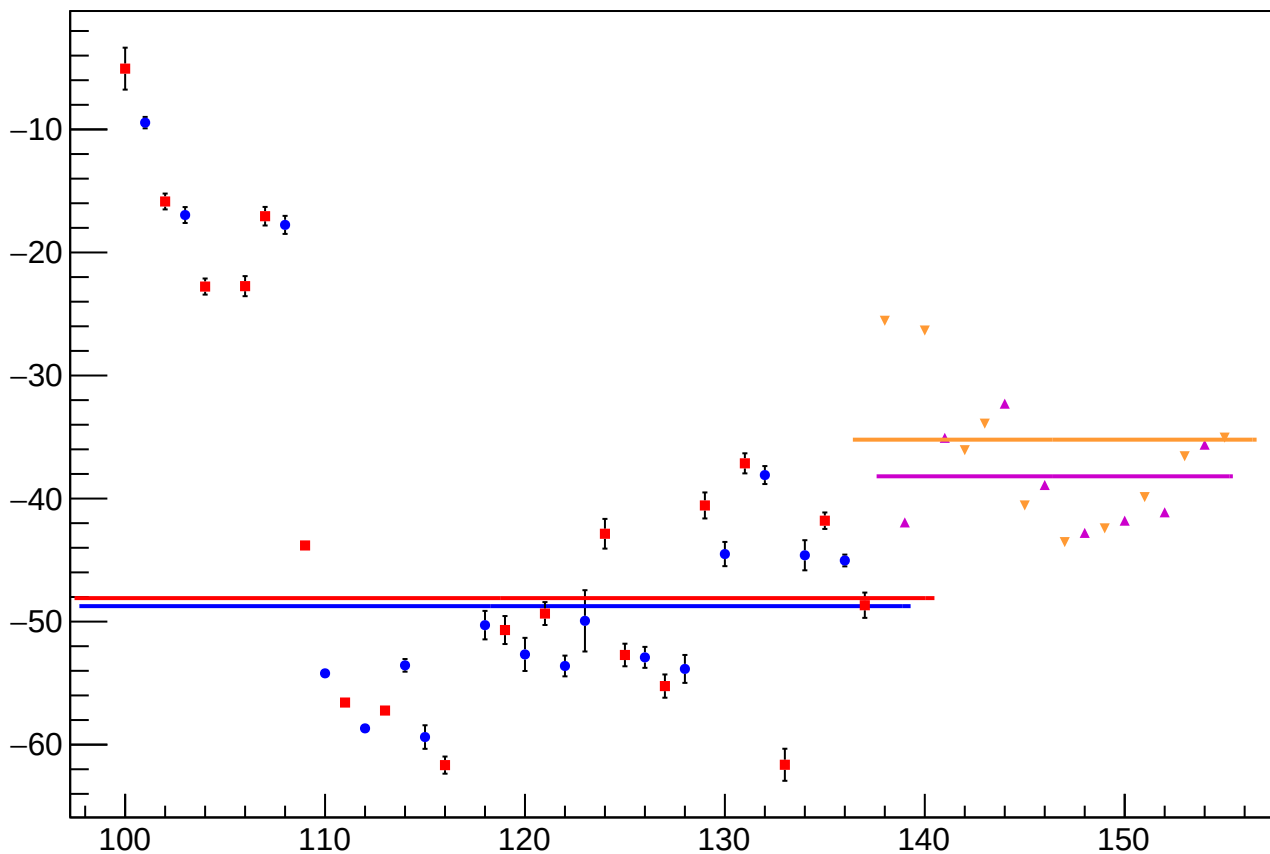
Right: -41.045+/-0.053 χ^2/NDF : 18285.9/35

In: -40.775+/-0.053 χ^2/NDF : 13832.6/24

Out: -39.514+/-0.049 χ^2/NDF : 16910.7/28

All: -40.093+/-0.036 χ^2/NDF : 31045.3/53

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -35.213 ± 0.098 $\chi^2/\text{NDF}: 4223.8/9$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.192 ± 0.105 $\chi^2/\text{NDF}: 1284.7/7$

Left: -36.590 ± 0.072 $\chi^2/\text{NDF}: 5938.5/17$

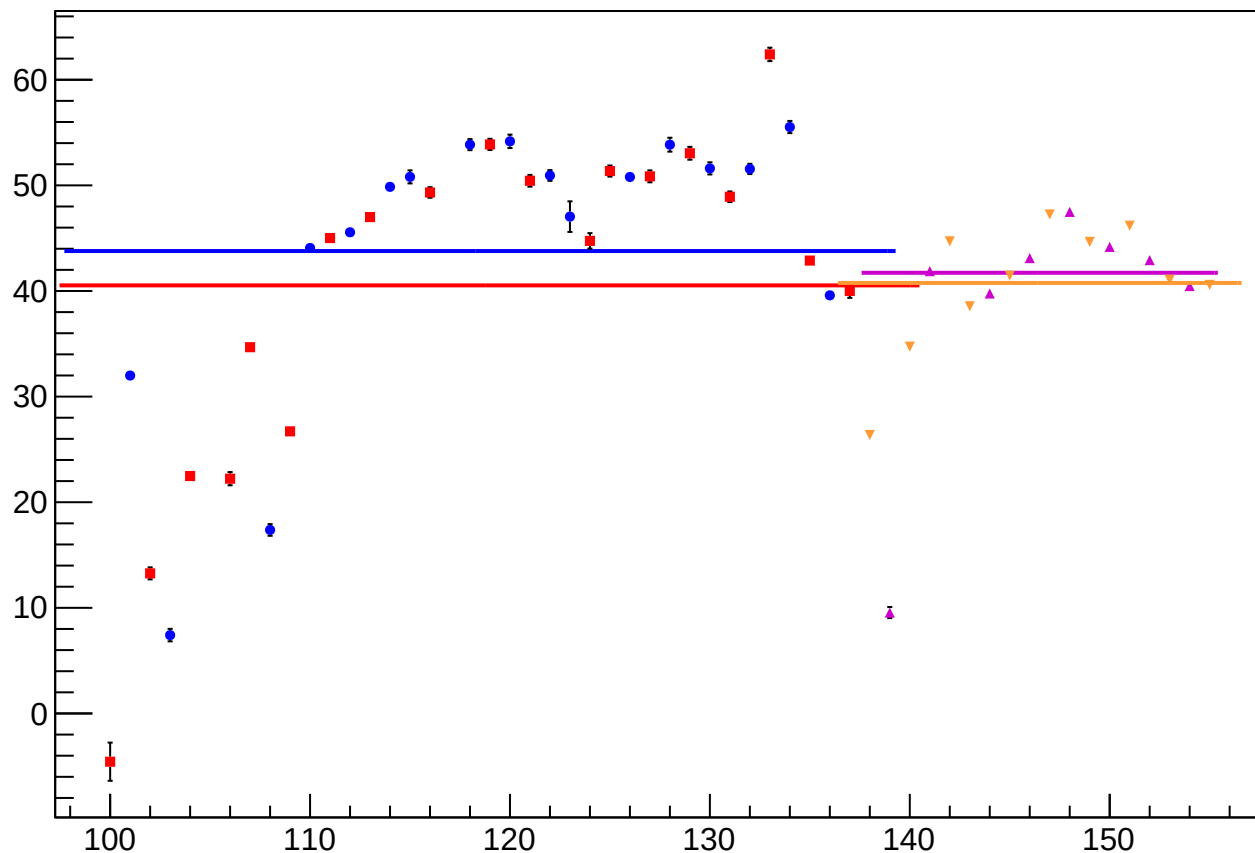
Right: -48.369 ± 0.081 $\chi^2/\text{NDF}: 26405.8/35$

In: -42.597 ± 0.080 $\chi^2/\text{NDF}: 20132.1/24$

Out: -41.050 ± 0.072 $\chi^2/\text{NDF}: 23842.0/28$

All: -41.740 ± 0.054 $\chi^2/\text{NDF}: 44178.9/53$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.762 $\pm$ 0.081 χ^2 /NDF: 4646.8/9

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

Left In: 41.724 $\pm$ 0.089 χ^2 /NDF: 4578.6/7

Left: 41.197 $\pm$ 0.060 χ^2 /NDF: 9288.7/17

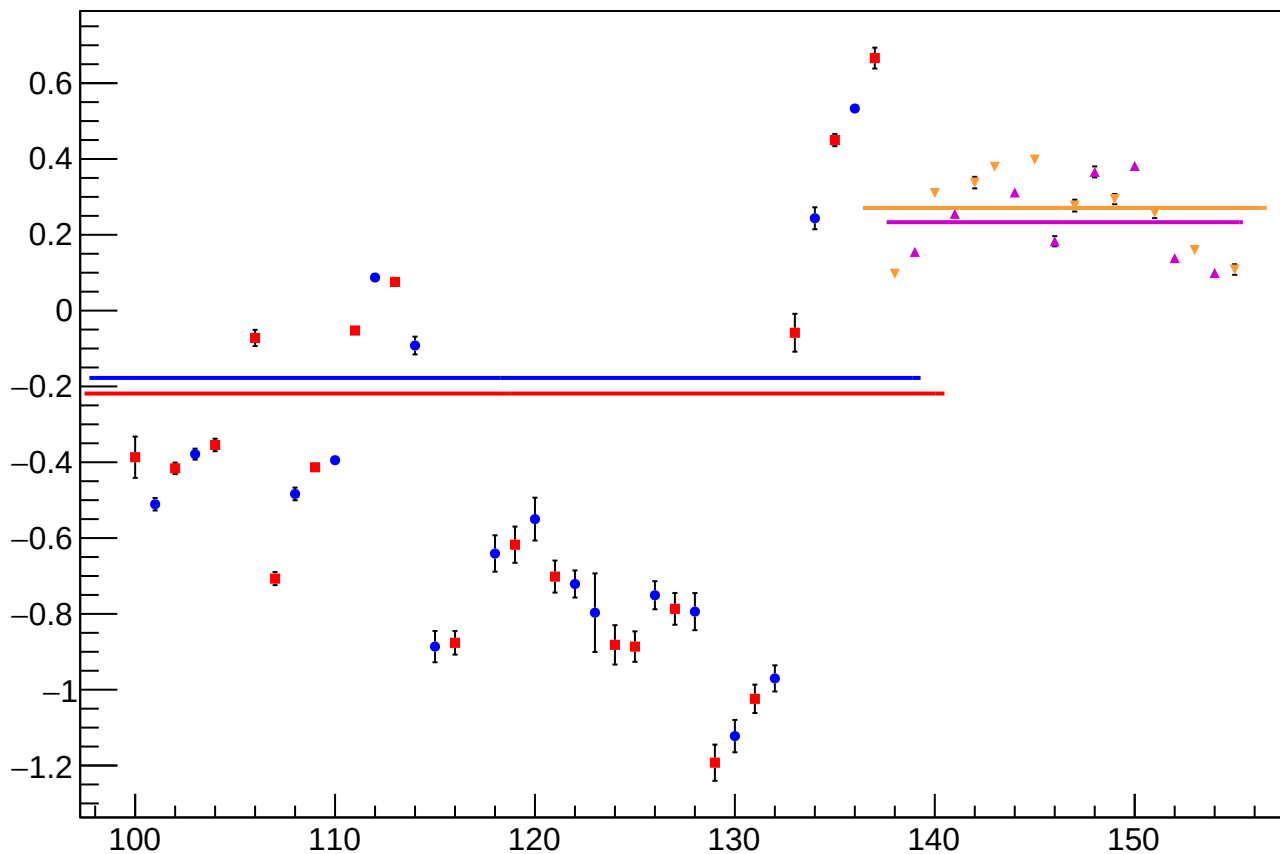
Right: 42.031 $\pm$ 0.059 χ^2 /NDF: 28978.3/35

In: 42.785 $\pm$ 0.062 χ^2 /NDF: 15490.9/24

Out: 40.644 $\pm$ 0.057 χ^2 /NDF: 22231.5/28

All: 41.623 $\pm$ 0.042 χ^2 /NDF: 38365.1/53

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 $\pm$ 0.005 χ^2 /NDF: 7375.8/16

Left Out: 0.271 $\pm$ 0.004 χ^2 /NDF:703.2/9

Right Out: -0.219 $\pm$ 0.004 χ^2 /NDF: 7470.0/18

Left In: 0.233 $\pm$ 0.004 χ^2 /NDF:514.9/7

Left: 0.254 $\pm$ 0.003 χ^2 /NDF: 1259.7/17

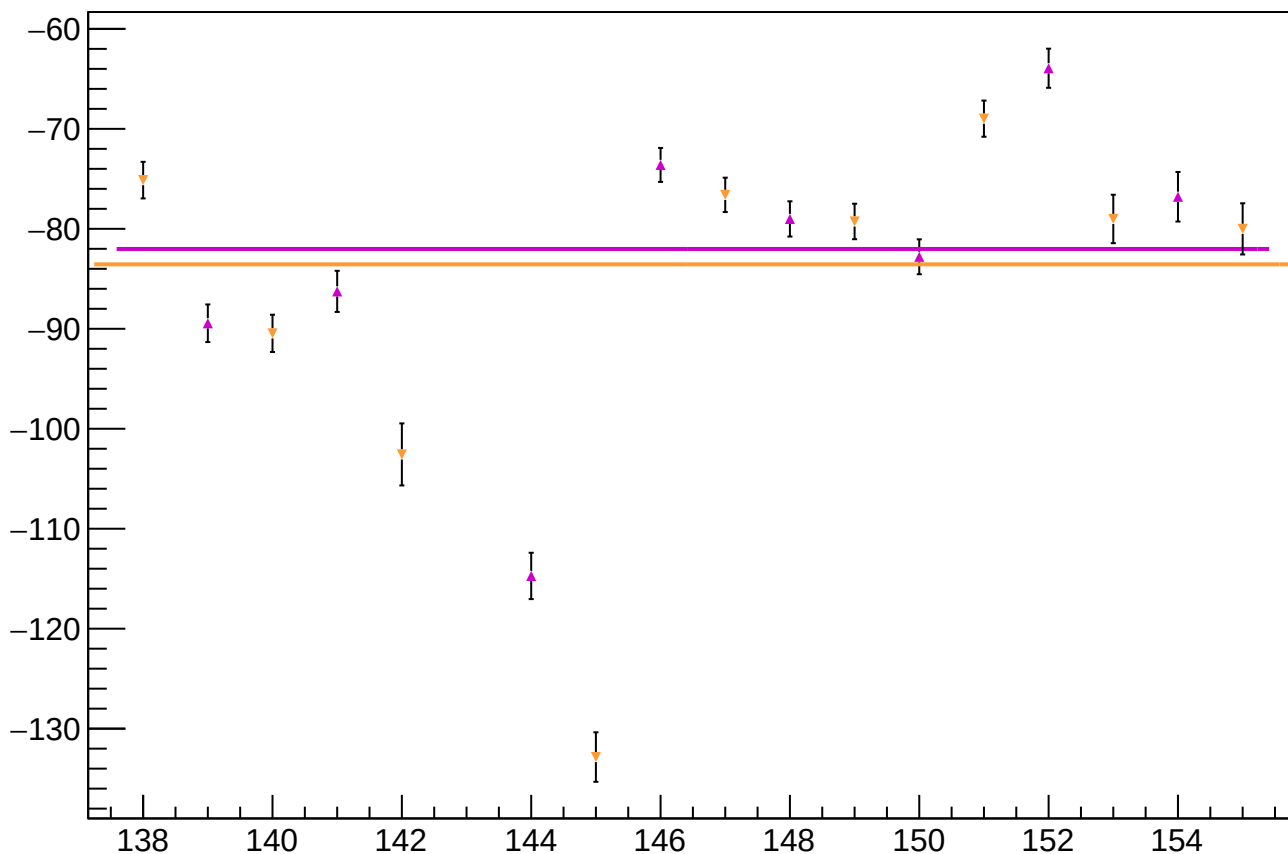
Right: -0.201 $\pm$ 0.003 χ^2 /NDF: 14886.5/35

In: 0.052 $\pm$ 0.003 χ^2 /NDF:11929.4/24

Out: 0.046 $\pm$ 0.003 χ^2 /NDF:15178.9/28

All: 0.049 $\pm$ 0.002 χ^2 /NDF: 27110.6/53

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -83.555+/-0.684 χ^2/NDF :561.4/8

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

Left In: -82.016+/-0.686 χ^2/NDF :336.3/7

Left: -82.788+/-0.484 χ^2/NDF : 900.2/16

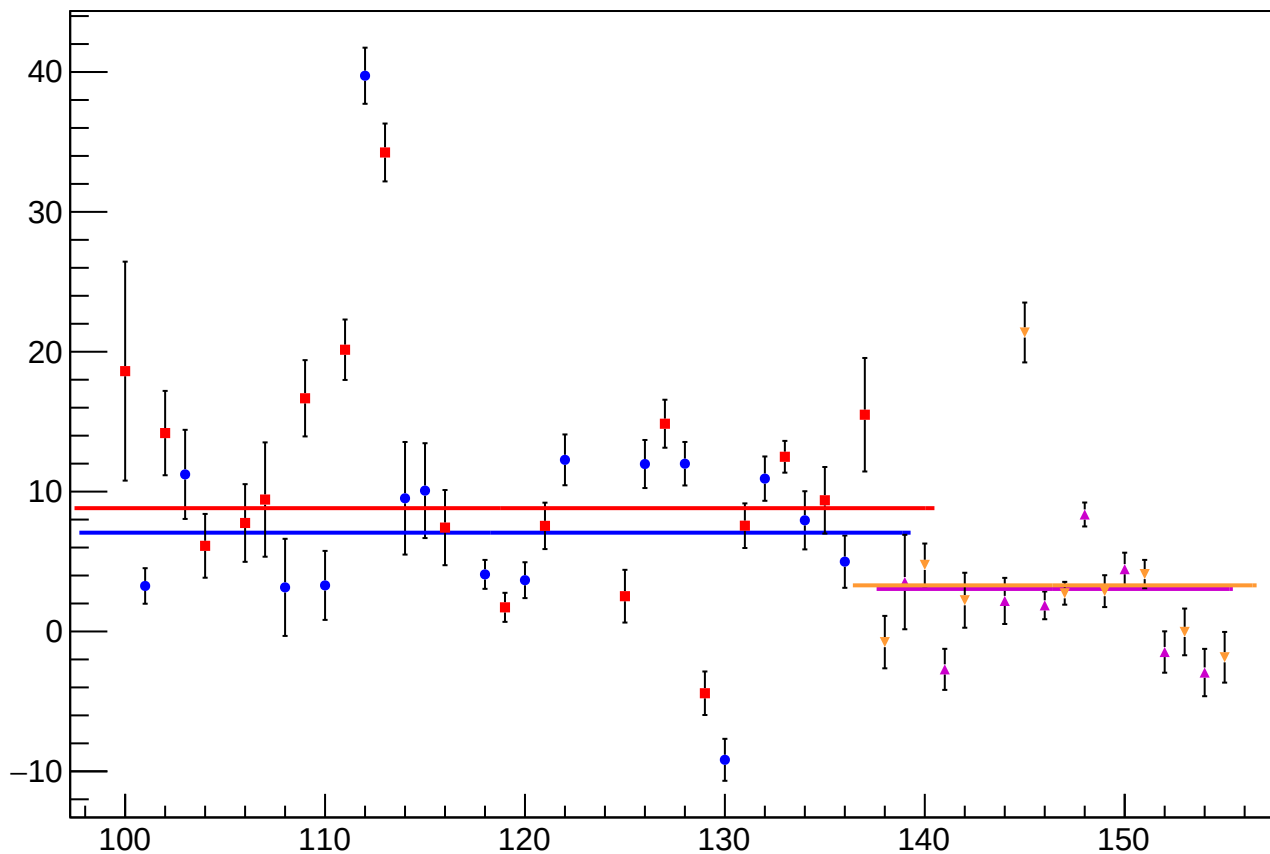
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.016+/-0.686 χ^2/NDF :336.3/7

Out: -83.555+/-0.684 χ^2/NDF :561.4/8

All: -82.788+/-0.484 χ^2/NDF : 900.2/16

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 ± 0.434 $\chi^2/\text{NDF}: 446.9/15$

Left Out: 3.298 ± 0.443 $\chi^2/\text{NDF}: 90.6/8$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.040 ± 0.455 $\chi^2/\text{NDF}: 78.9/7$

Left: 3.172 ± 0.317 $\chi^2/\text{NDF}: 169.6/16$

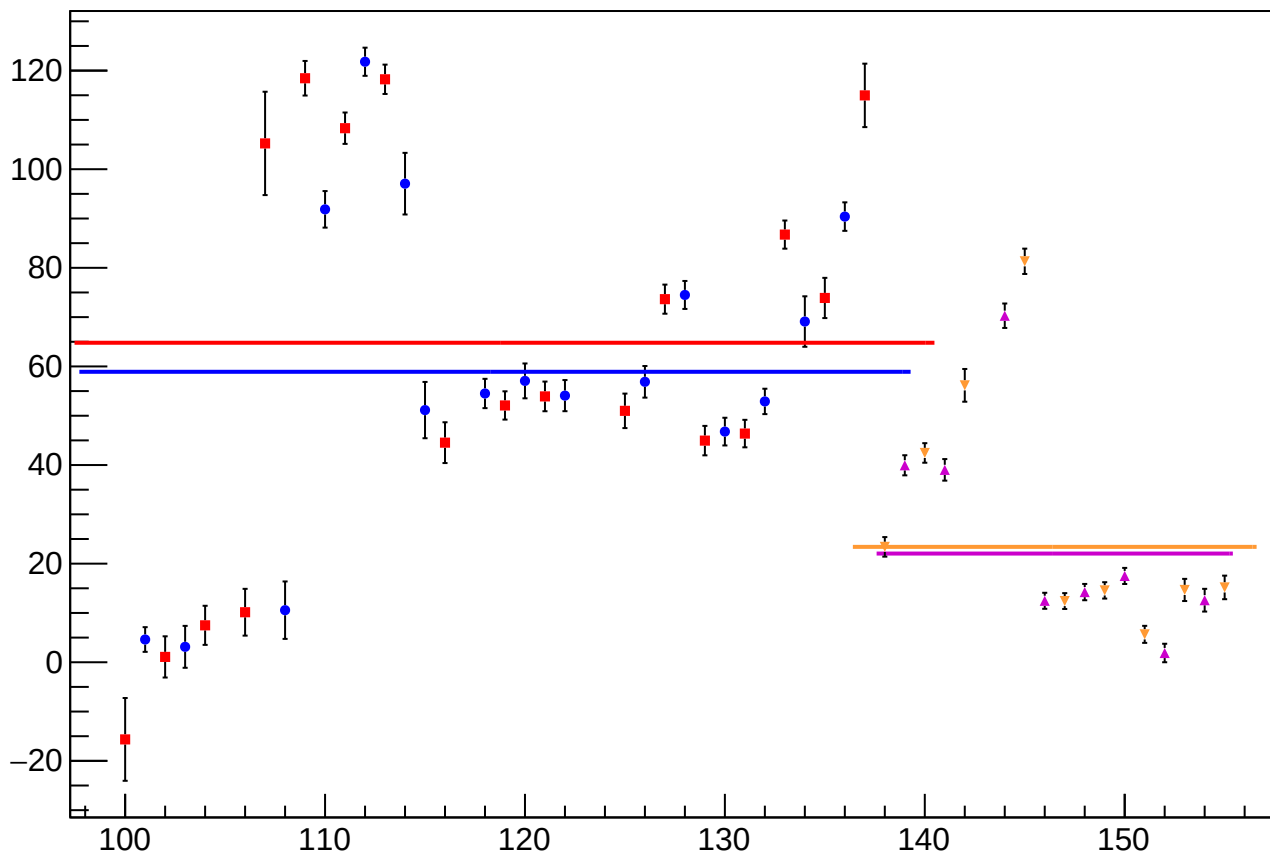
Right: 7.909 ± 0.312 $\chi^2/\text{NDF}: 805.1/33$

In: 5.150 ± 0.314 $\chi^2/\text{NDF}: 566.7/23$

Out: 6.017 ± 0.315 $\chi^2/\text{NDF}: 517.5/26$

All: 5.582 ± 0.222 $\chi^2/\text{NDF}: 1088.1/50$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF : 1496.7/15

Left Out: 23.404+/-0.673 χ^2/NDF : 905.4/8

Right Out: 64.803+/-0.840 χ^2/NDF : 1718.2/17

Left In: 22.046+/-0.673 χ^2/NDF : 713.6/7

Left: 22.726+/-0.476 χ^2/NDF : 1621.0/16

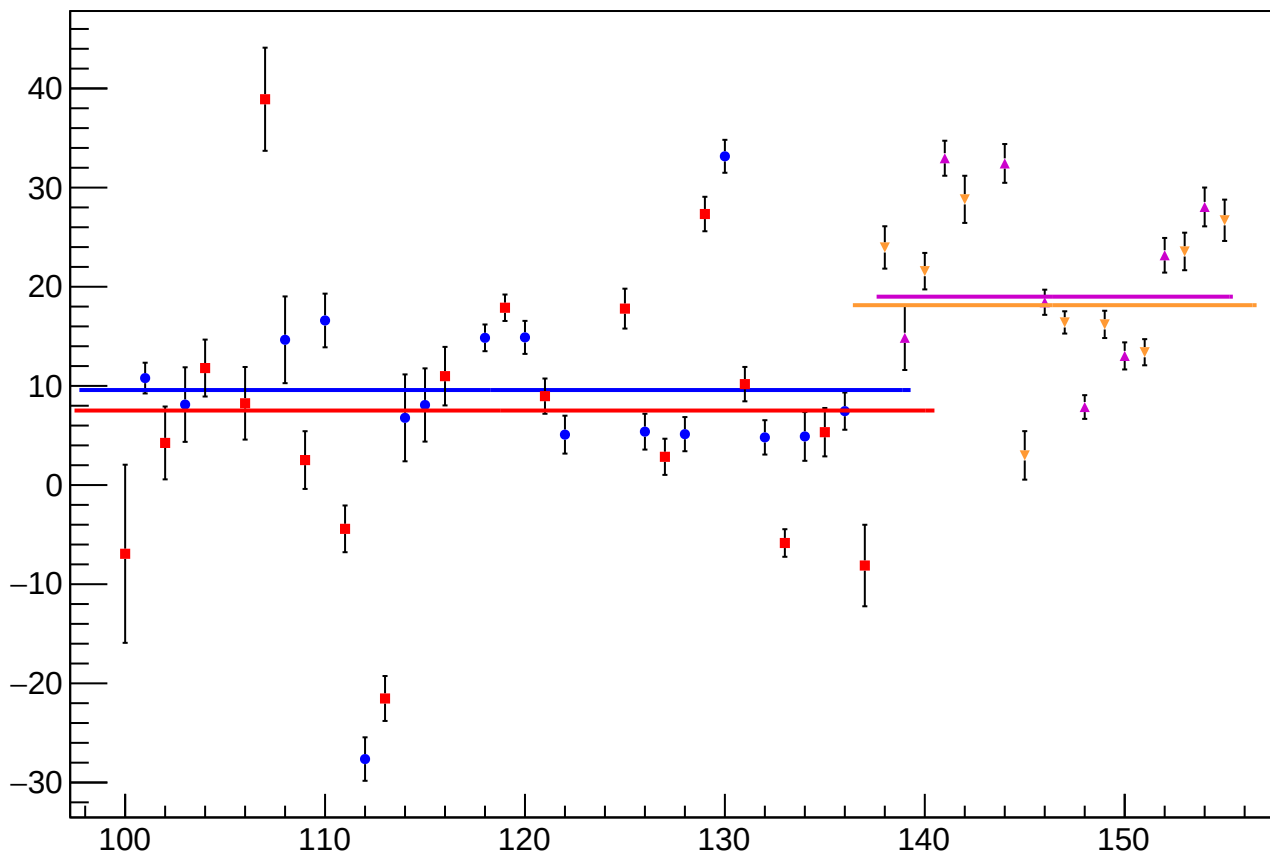
Right: 61.827+/-0.591 χ^2/NDF : 3239.7/33

In: 36.651+/-0.523 χ^2/NDF : 3397.6/23

Out: 39.576+/-0.525 χ^2/NDF : 4102.8/26

All: 38.108+/-0.371 χ^2/NDF : 7516.0/50

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 18.141 ± 0.554 $\chi^2/\text{NDF}: 111.8/8$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

Left In: 19.000 ± 0.566 $\chi^2/\text{NDF}: 244.2/7$

Left: 18.561 ± 0.396 $\chi^2/\text{NDF}: 357.2/16$

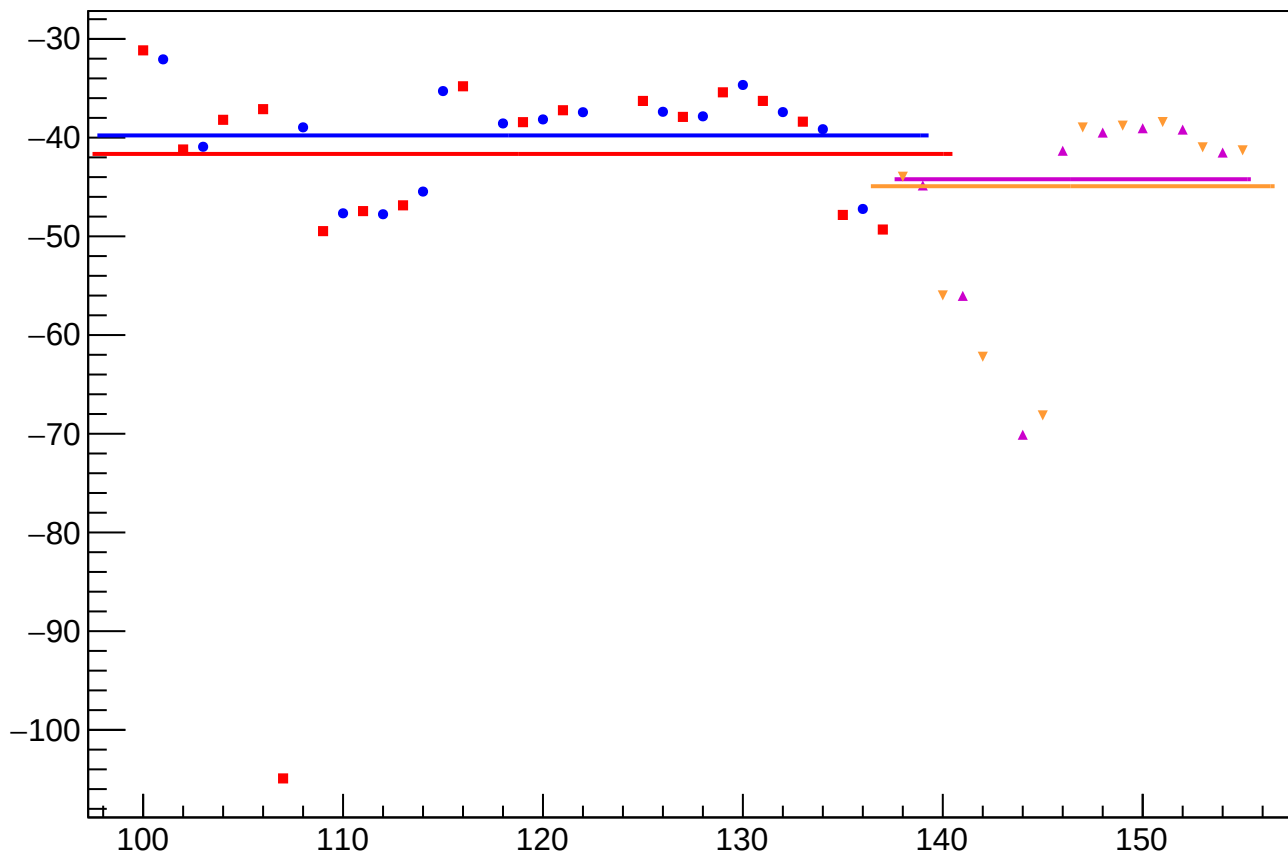
Right: 8.579 ± 0.359 $\chi^2/\text{NDF}: 1132.5/33$

In: 13.719 ± 0.375 $\chi^2/\text{NDF}: 953.8/23$

Out: 12.452 ± 0.377 $\chi^2/\text{NDF}: 878.8/26$

All: 13.089 ± 0.266 $\chi^2/\text{NDF}: 1838.2/50$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -44.923 ± 0.028 χ^2/NDF : 110703.1/8

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

Left In: -44.215 ± 0.028 χ^2/NDF : 91614.6/7

Left: -44.566 ± 0.020 χ^2/NDF : 202646.0/16

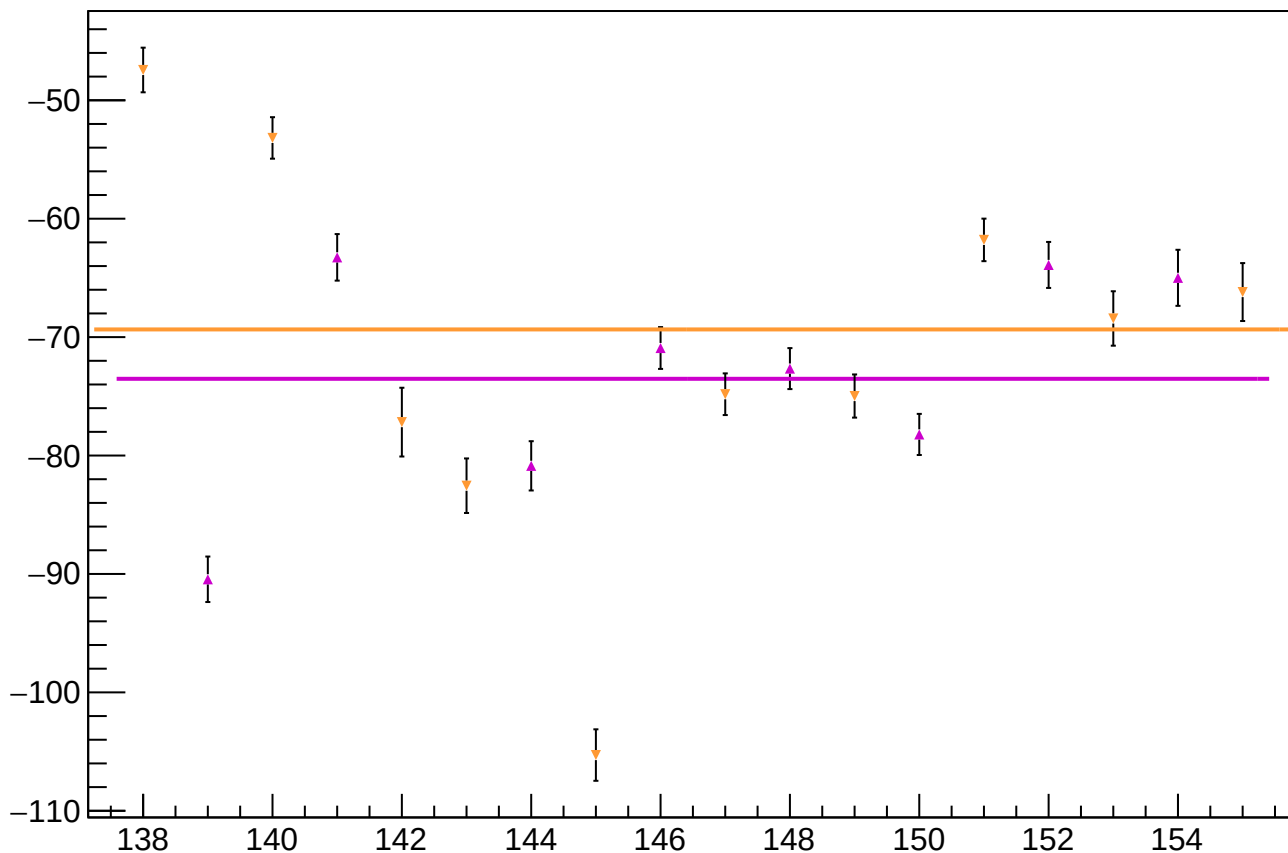
Right: -40.710 ± 0.022 χ^2/NDF : 122427.7/33

In: -42.264 ± 0.021 χ^2/NDF : 129206.6/23

Out: -43.477 ± 0.021 χ^2/NDF : 211301.7/26

All: -42.866 ± 0.015 χ^2/NDF : 342231.3/50

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.351+/-0.643 χ^2/NDF :572.5/9

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

Left In: -73.520+/-0.676 χ^2/NDF :164.7/7

Left: -71.334+/-0.466 χ^2/NDF : 757.2/17

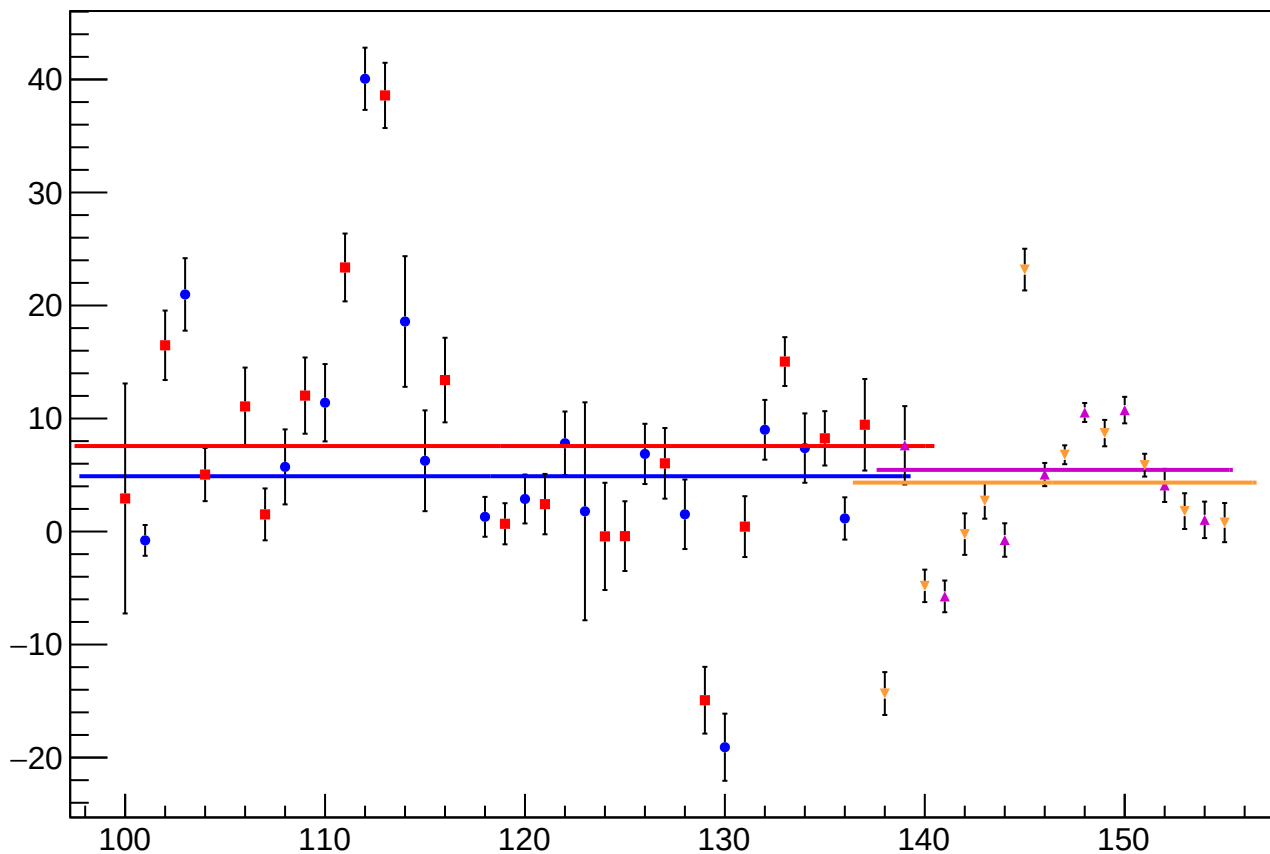
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.520+/-0.676 χ^2/NDF :164.7/7

Out: -69.351+/-0.643 χ^2/NDF :572.5/9

All: -71.334+/-0.466 χ^2/NDF : 757.2/17

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 $\chi^2/\text{NDF}: 295.4/16$

Left Out: 4.331 ± 0.421 $\chi^2/\text{NDF}: 280.7/9$

Right Out: 7.565 ± 0.652 $\chi^2/\text{NDF}: 270.2/18$

Left In: 5.454 ± 0.448 $\chi^2/\text{NDF}: 147.1/7$

Left: 4.859 ± 0.307 $\chi^2/\text{NDF}: 431.1/17$

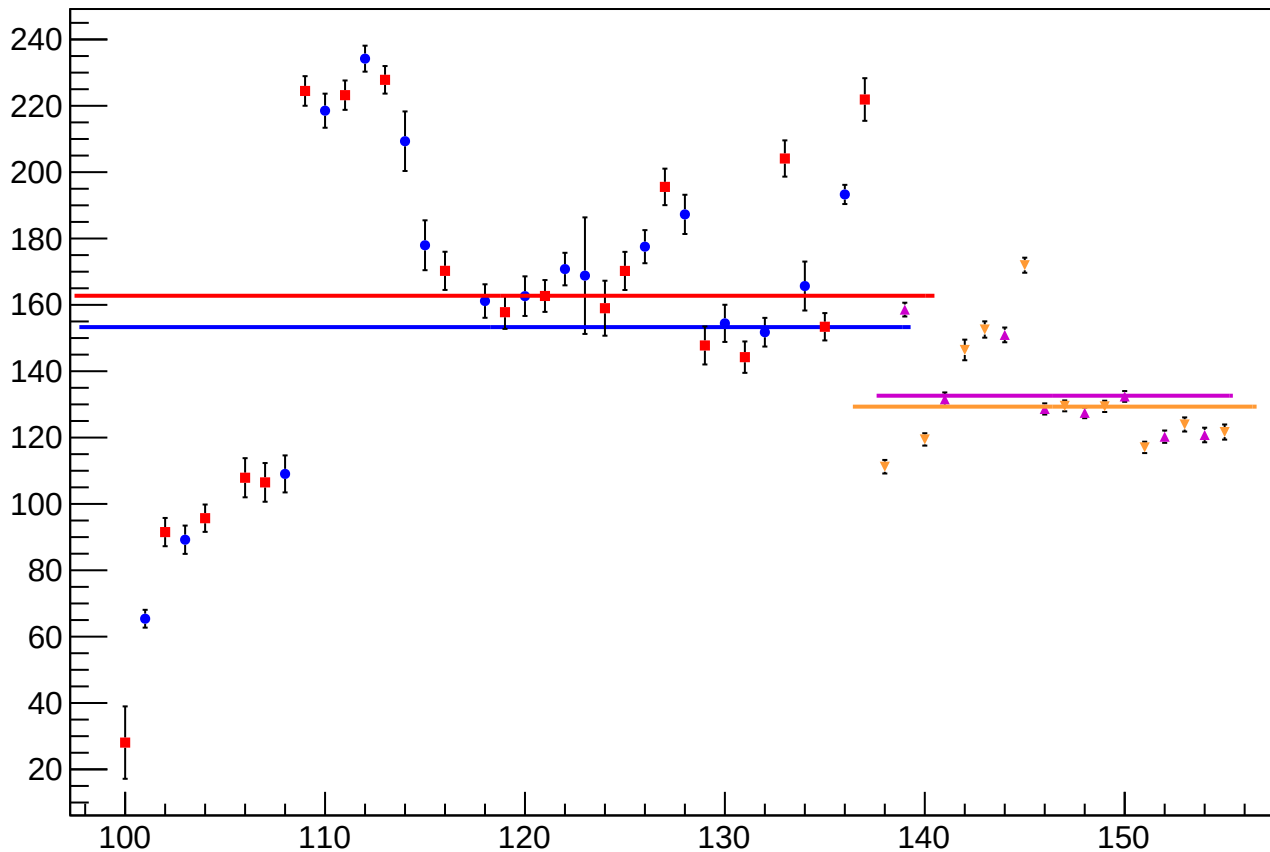
Right: 6.165 ± 0.450 $\chi^2/\text{NDF}: 574.4/35$

In: 5.263 ± 0.363 $\chi^2/\text{NDF}: 443.0/24$

Out: 5.285 ± 0.354 $\chi^2/\text{NDF}: 568.3/28$

All: 5.274 ± 0.253 $\chi^2/\text{NDF}: 1011.3/53$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 129.325 $\pm$ 0.638 χ^2 /NDF:647.9/9

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

Left In: 132.618 $\pm$ 0.664 χ^2 /NDF:312.7/7

Left: 130.906 $\pm$ 0.460 χ^2 /NDF: 973.4/17

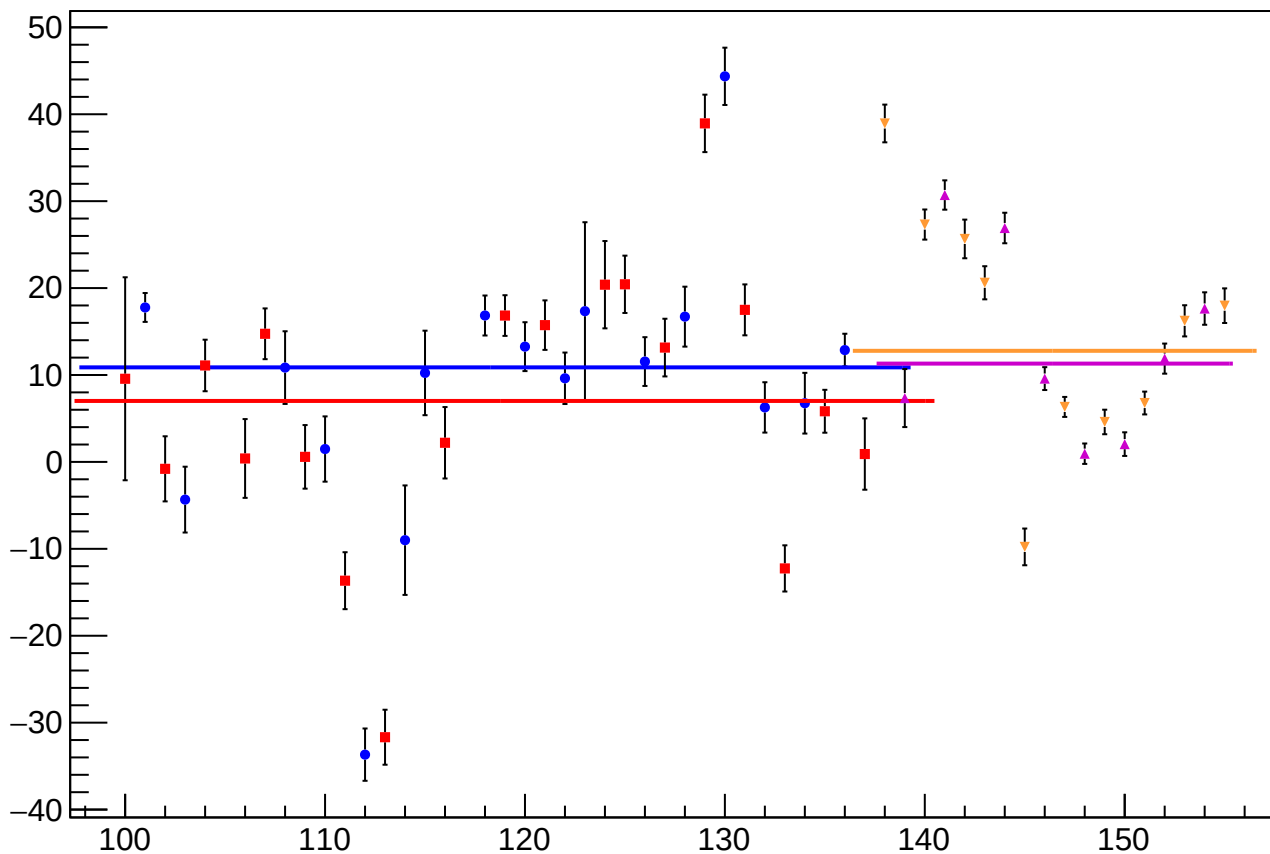
Right: 157.893 $\pm$ 0.820 χ^2 /NDF: 4008.6/35

In: 137.823 $\pm$ 0.574 χ^2 /NDF:2823.7/24

Out: 136.920 $\pm$ 0.561 χ^2 /NDF:2980.1/28

All: 137.361 $\pm$ 0.401 χ^2 /NDF: 5805.0/53

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 12.782 $\pm$ 0.524 χ^2 /NDF:476.4/9

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

Left In: 11.310 $\pm$ 0.556 χ^2 /NDF:350.1/7

Left: 12.091 $\pm$ 0.381 χ^2 /NDF: 830.2/17

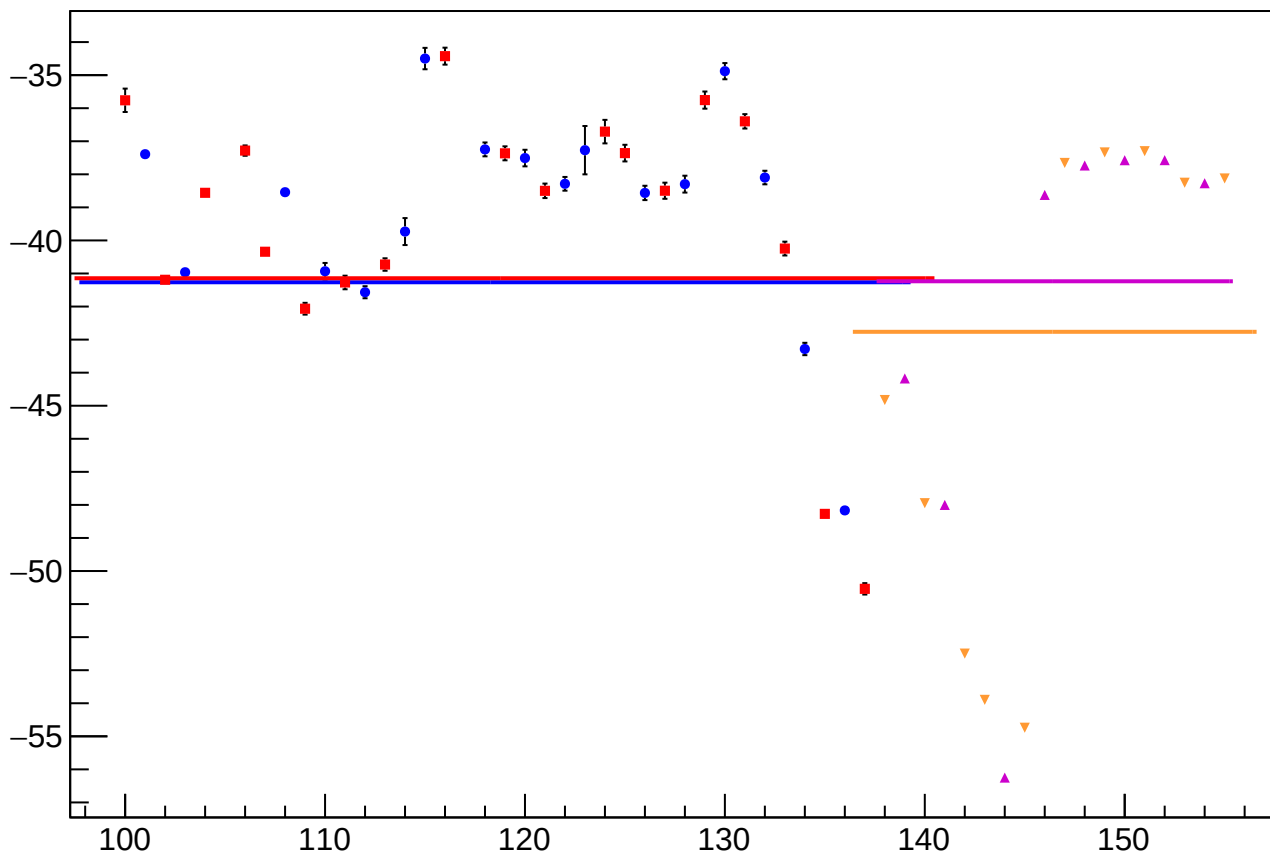
Right: 9.038 $\pm$ 0.516 χ^2 /NDF: 826.6/35

In: 11.147 $\pm$ 0.439 χ^2 /NDF:738.4/24

Out: 10.885 $\pm$ 0.429 χ^2 /NDF:940.8/28

All: 11.013 $\pm$ 0.307 χ^2 /NDF: 1679.4/53

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -42.764 ± 0.026 $\chi^2/\text{NDF}: 63434.6/9$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

Left In: -41.236 ± 0.027 $\chi^2/\text{NDF}: 42155.0/7$

Left: -42.026 ± 0.019 $\chi^2/\text{NDF}: 107233.2/17$

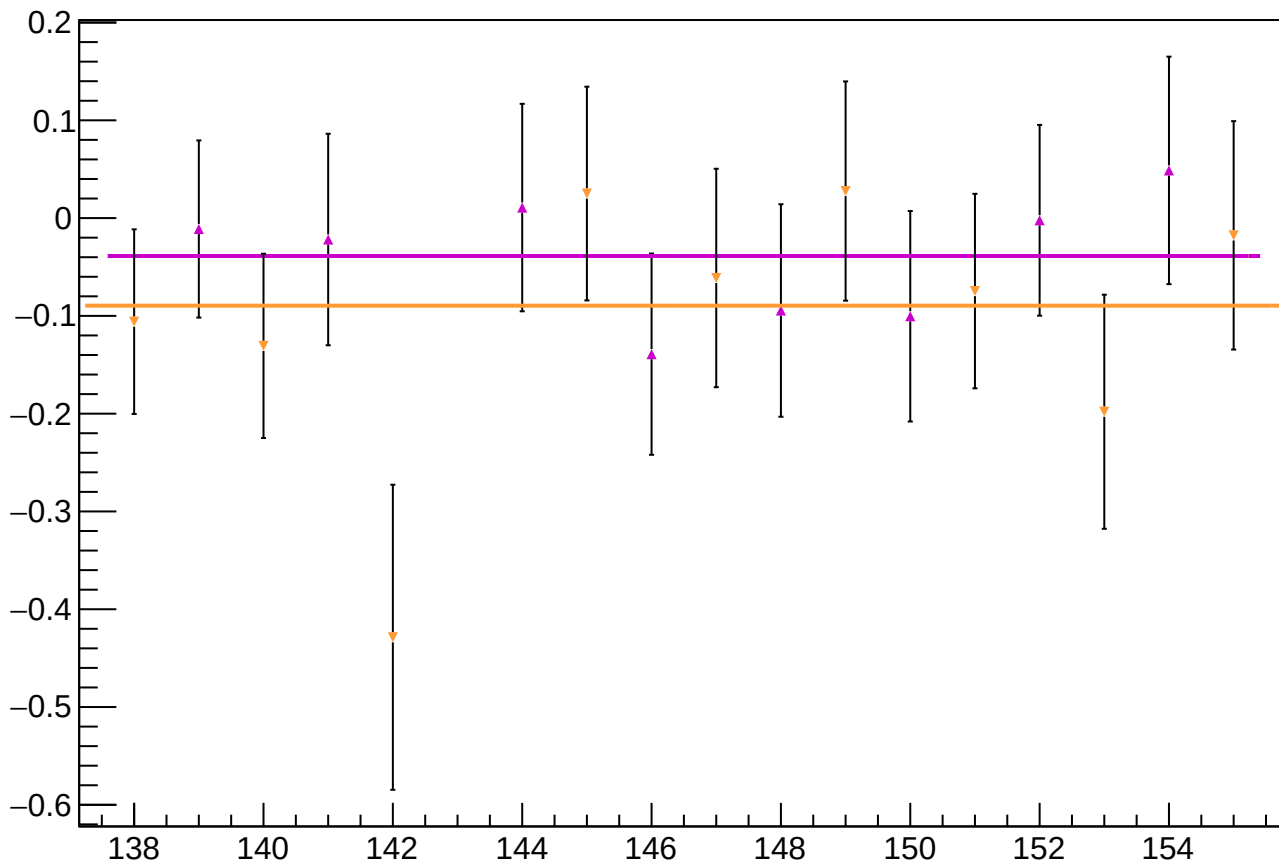
Right: -41.205 ± 0.027 $\chi^2/\text{NDF}: 24793.7/35$

In: -41.245 ± 0.022 $\chi^2/\text{NDF}: 54725.4/24$

Out: -42.254 ± 0.022 $\chi^2/\text{NDF}: 76859.1/28$

All: -41.761 ± 0.015 $\chi^2/\text{NDF}: 132641.7/53$

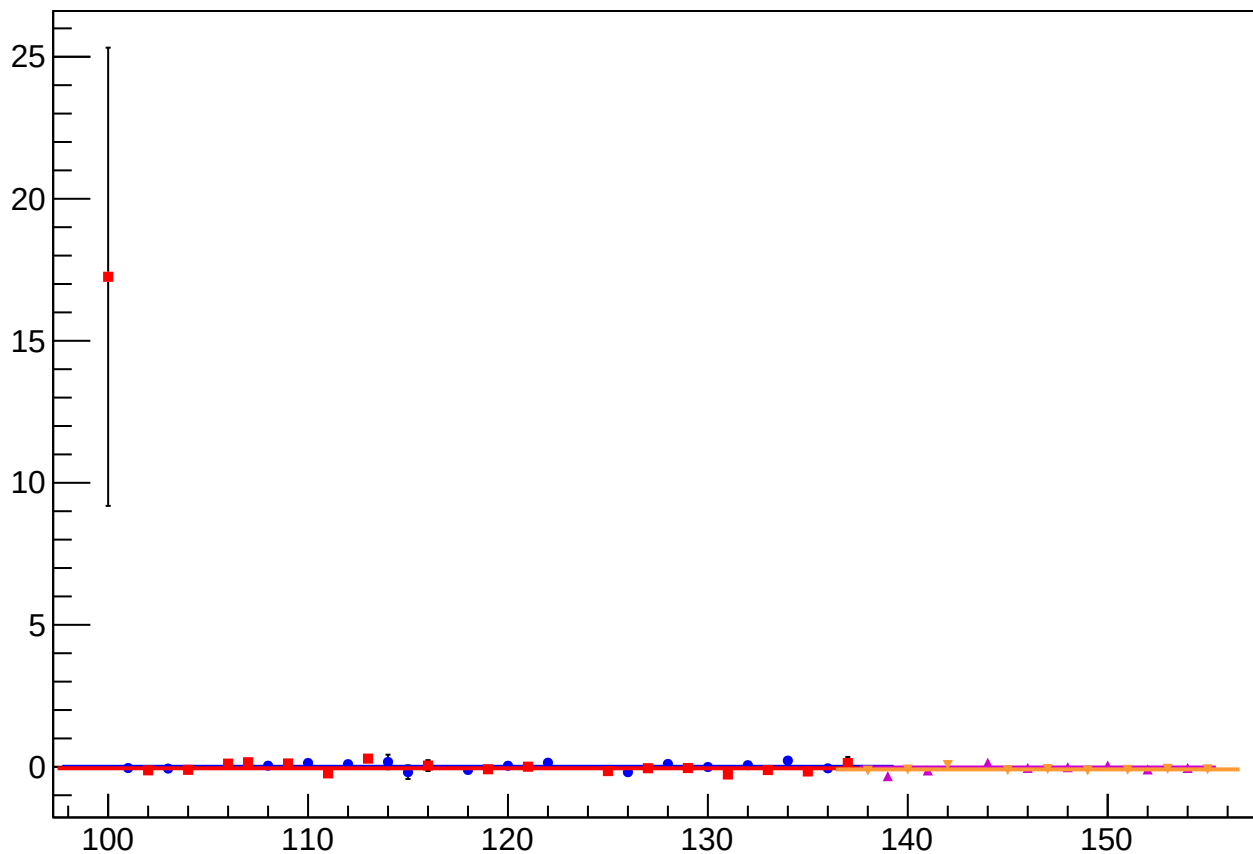
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.090+/-0.036 χ^2/NDF : 8.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.039+/-0.037 χ^2/NDF : 2.6/7

Left: -0.064+/-0.026 χ^2/NDF : 12.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.039+/-0.037 χ^2/NDF : 2.6/7
 Out: -0.090+/-0.036 χ^2/NDF : 8.4/8
 All: -0.064+/-0.026 χ^2/NDF : 12.0/16

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 ± 0.028 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.090 ± 0.025 $\chi^2/\text{NDF}: 3.2/8$

Right Out: -0.051 ± 0.029 $\chi^2/\text{NDF}: 25.8/17$

Left In: -0.023 ± 0.026 $\chi^2/\text{NDF}: 11.9/7$

Left: -0.057 ± 0.018 $\chi^2/\text{NDF}: 18.6/16$

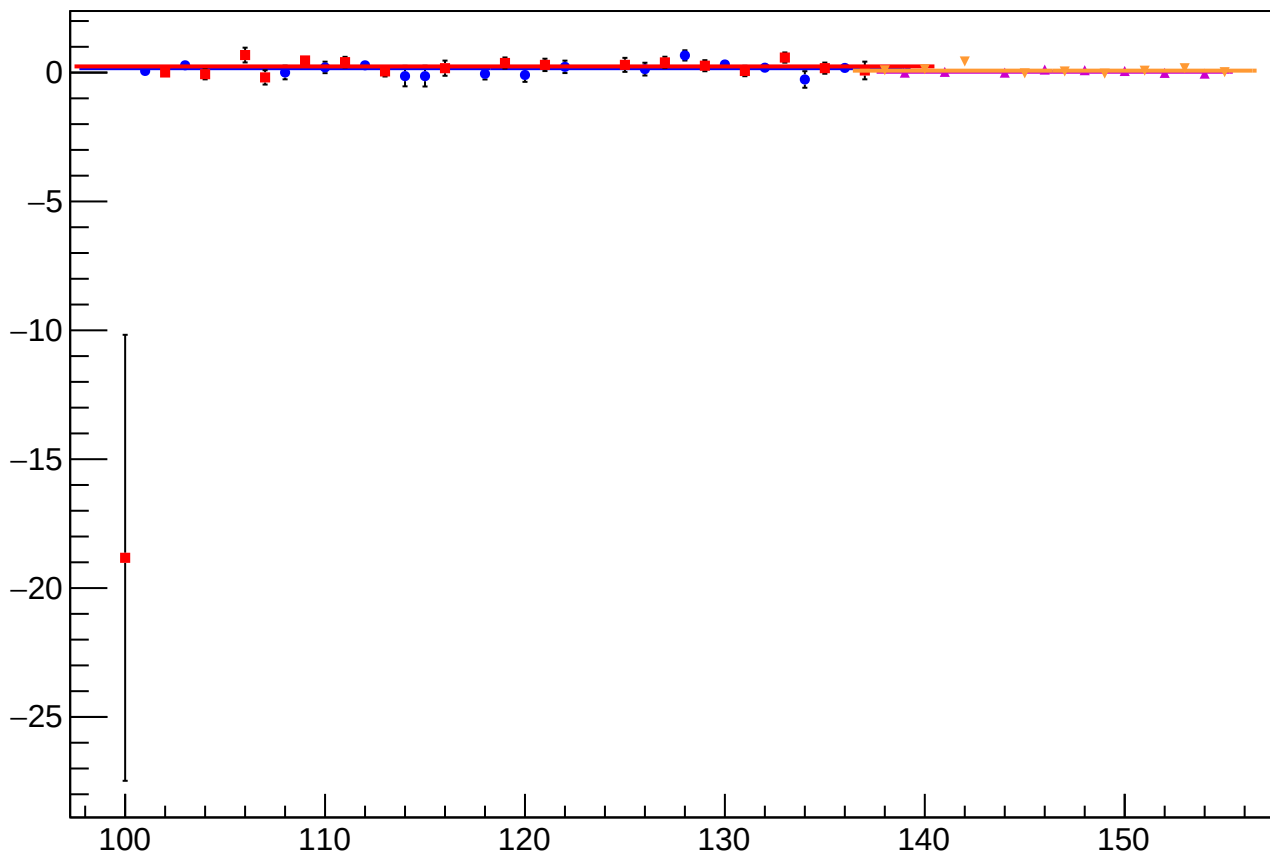
Right: -0.024 ± 0.020 $\chi^2/\text{NDF}: 40.0/33$

In: -0.012 ± 0.019 $\chi^2/\text{NDF}: 24.9/23$

Out: -0.074 ± 0.019 $\chi^2/\text{NDF}: 30.0/26$

All: -0.043 ± 0.013 $\chi^2/\text{NDF}: 60.2/50$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.075 $\pm$ 0.036 χ^2 /NDF: 8.0/8

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

Left In: 0.032 $\pm$ 0.036 χ^2 /NDF: 2.1/7

Left: 0.054 $\pm$ 0.026 χ^2 /NDF: 10.8/16

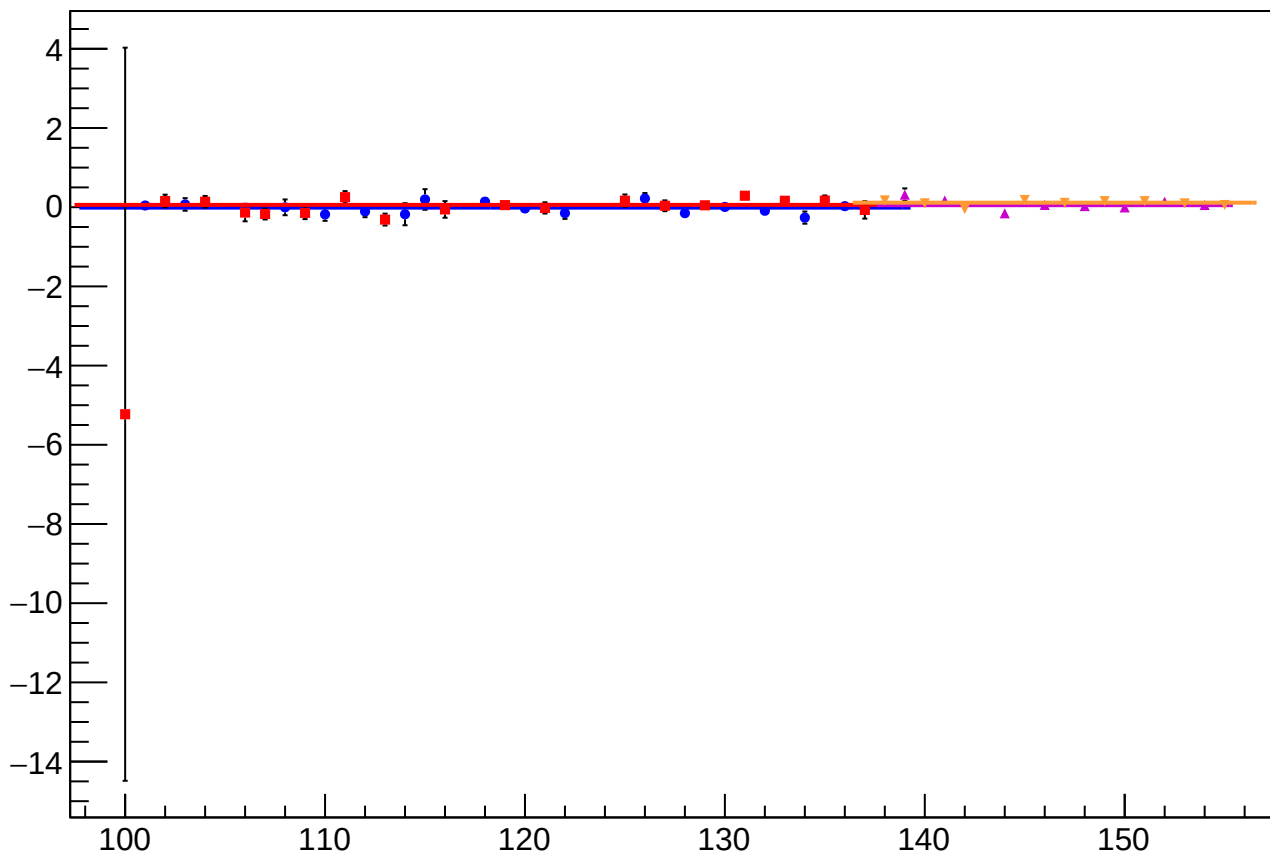
Right: 0.204 $\pm$ 0.038 χ^2 /NDF: 36.3/33

In: 0.077 $\pm$ 0.030 χ^2 /NDF: 20.5/23

Out: 0.126 $\pm$ 0.030 χ^2 /NDF: 36.2/26

All: 0.101 $\pm$ 0.021 χ^2 /NDF: 58.0/50

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.114 ± 0.030 χ^2/NDF : 3.4/8

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

Left In: 0.051 ± 0.031 χ^2/NDF : 11.2/7

Left: 0.084 ± 0.022 χ^2/NDF : 16.7/16

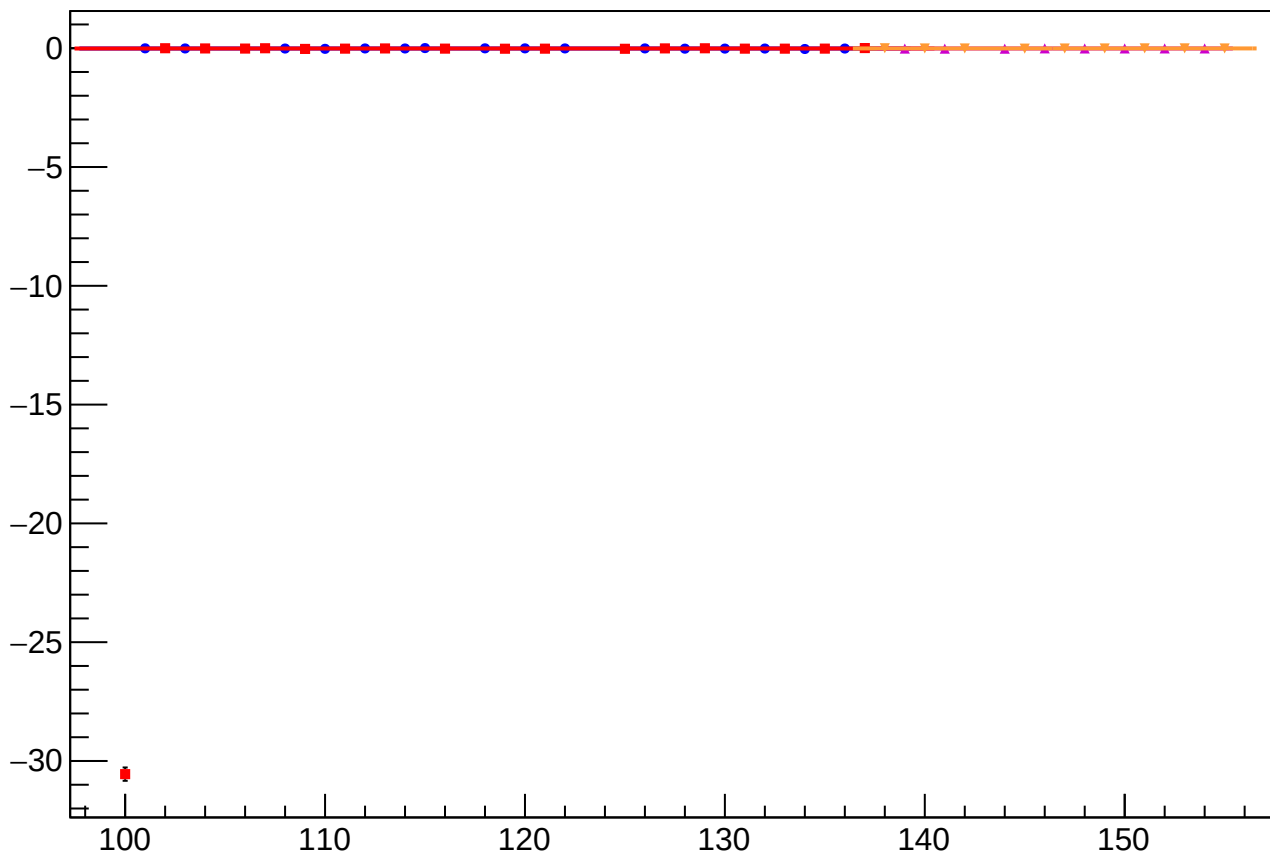
Right: 0.022 ± 0.023 χ^2/NDF : 36.5/33

In: 0.021 ± 0.023 χ^2/NDF : 26.9/23

Out: 0.089 ± 0.023 χ^2/NDF : 25.5/26

All: 0.055 ± 0.016 χ^2/NDF : 56.9/50

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 8.2/8

Right Out: -0.012 ± 0.002 χ^2/NDF : 11891.5/17

Left In: -0.012 ± 0.001 χ^2/NDF : 8.6/7

Left: -0.010 ± 0.001 χ^2/NDF : 19.2/16

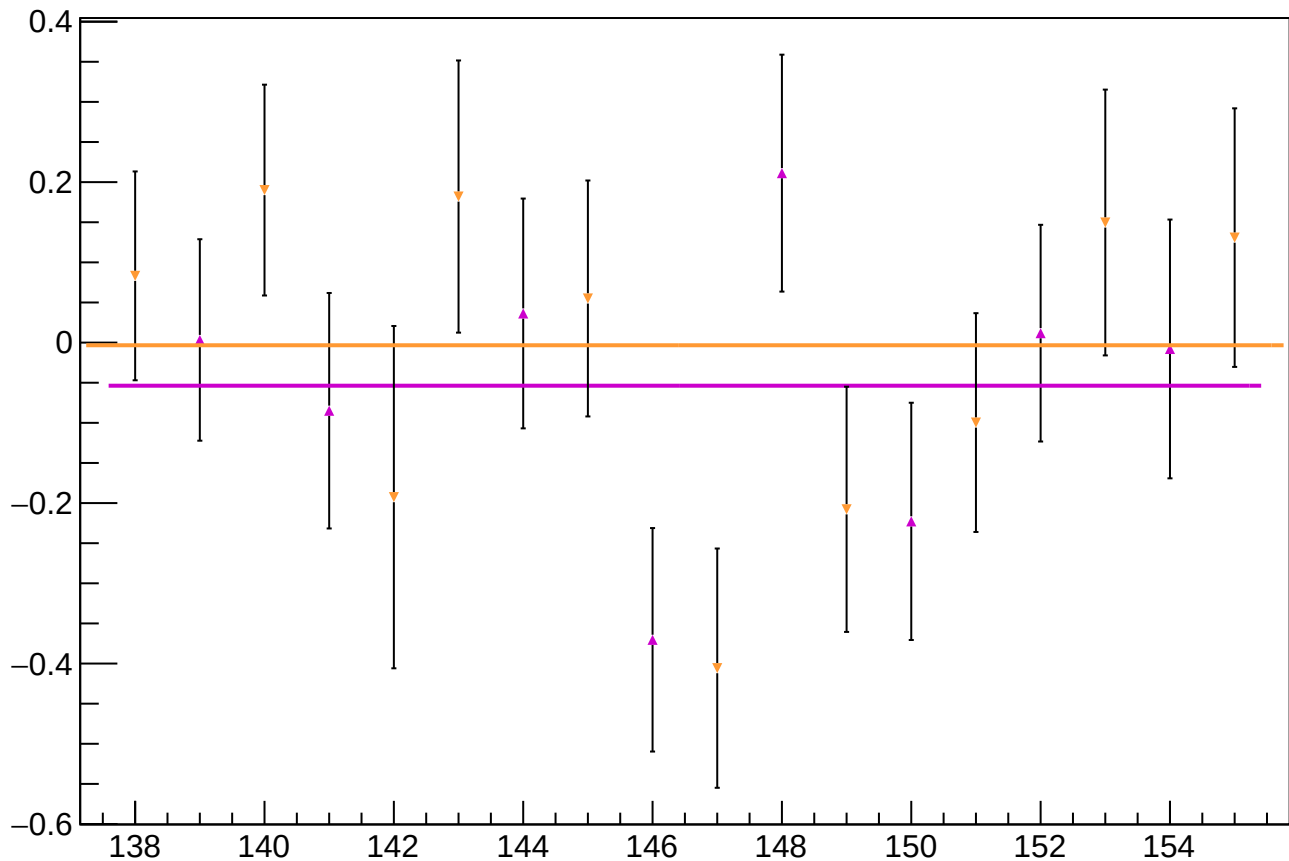
Right: -0.012 ± 0.001 χ^2/NDF : 11904.4/33

In: -0.012 ± 0.001 χ^2/NDF : 21.5/23

Out: -0.010 ± 0.001 χ^2/NDF : 11901.9/26

All: -0.011 ± 0.001 χ^2/NDF : 11924.6/50

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.003 $\pm$ 0.048 χ^2 /NDF:15.9/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.054 $\pm$ 0.050 χ^2 /NDF:10.7/7

Left: -0.027 $\pm$ 0.035 χ^2 /NDF: 27.1/17

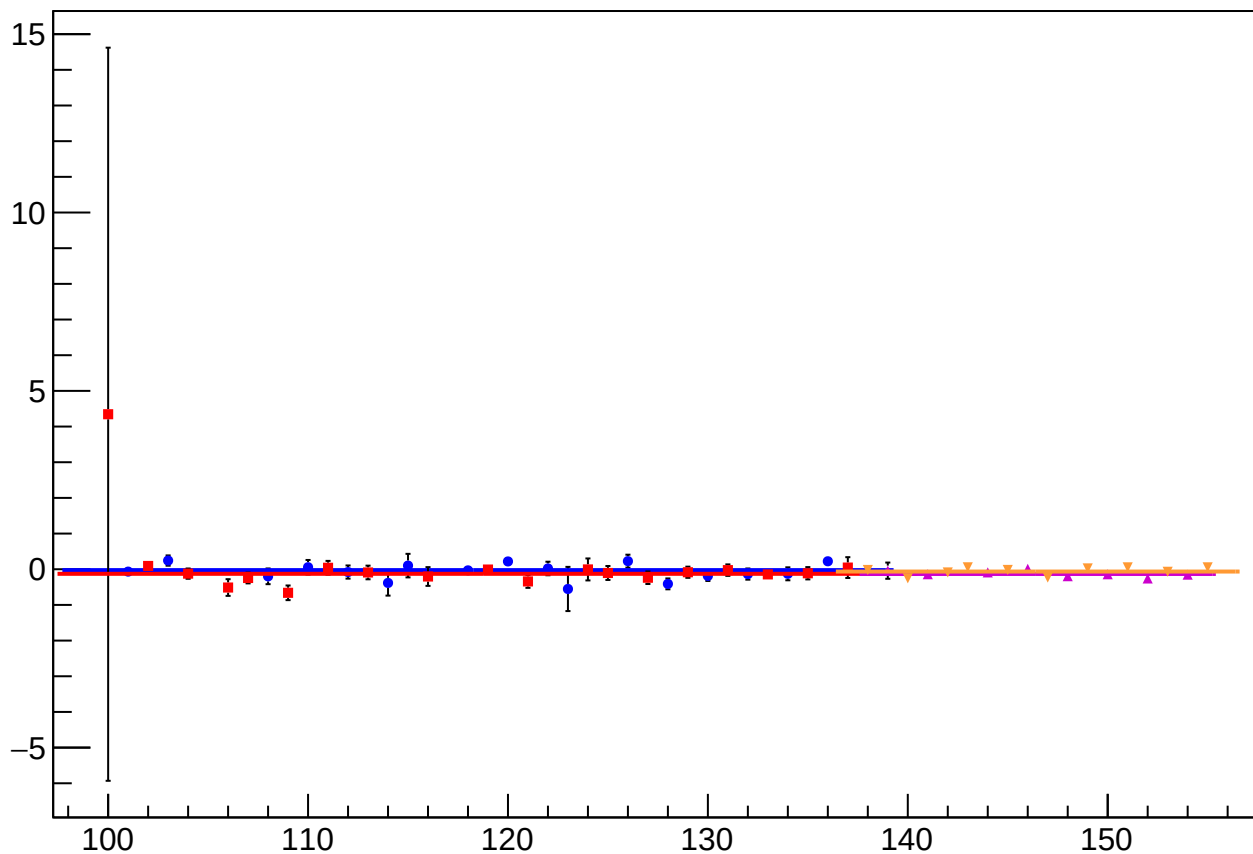
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.054 $\pm$ 0.050 χ^2 /NDF:10.7/7

Out: -0.003 $\pm$ 0.048 χ^2 /NDF:15.9/9

All: -0.027 $\pm$ 0.035 χ^2 /NDF: 27.1/17

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 ± 0.037 $\chi^2/\text{NDF}: 23.4/16$

Left Out: -0.065 ± 0.032 $\chi^2/\text{NDF}: 14.1/9$

Right Out: -0.128 ± 0.039 $\chi^2/\text{NDF}: 17.6/18$

Left In: -0.132 ± 0.035 $\chi^2/\text{NDF}: 5.7/7$

Left: -0.096 ± 0.024 $\chi^2/\text{NDF}: 21.9/17$

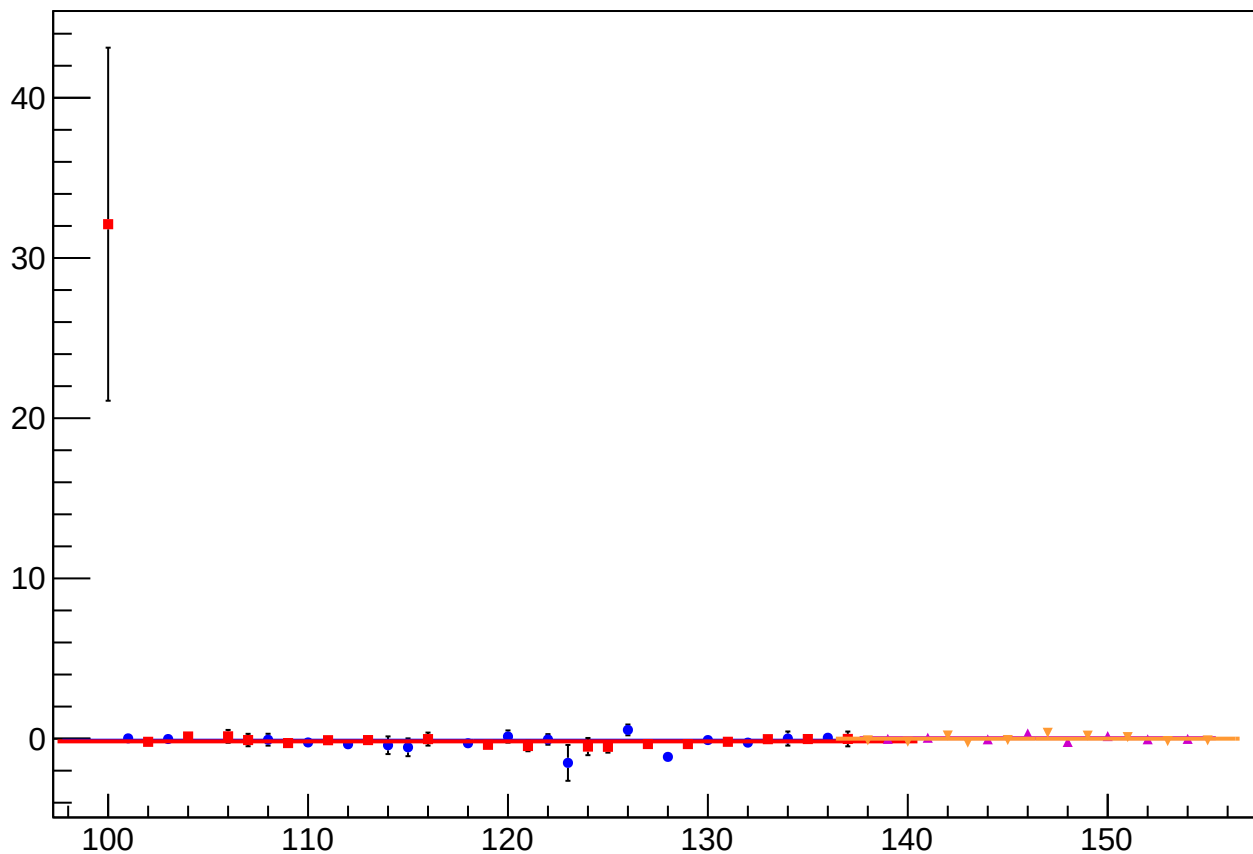
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.7/35$

In: -0.081 ± 0.025 $\chi^2/\text{NDF}: 33.7/24$

Out: -0.090 ± 0.025 $\chi^2/\text{NDF}: 33.3/28$

All: -0.086 ± 0.018 $\chi^2/\text{NDF}: 67.0/53$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.003 ± 0.048 χ^2/NDF : 16.0/9

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

Left In: 0.030 ± 0.050 χ^2/NDF : 9.4/7

Left: 0.013 ± 0.034 χ^2/NDF : 25.6/17

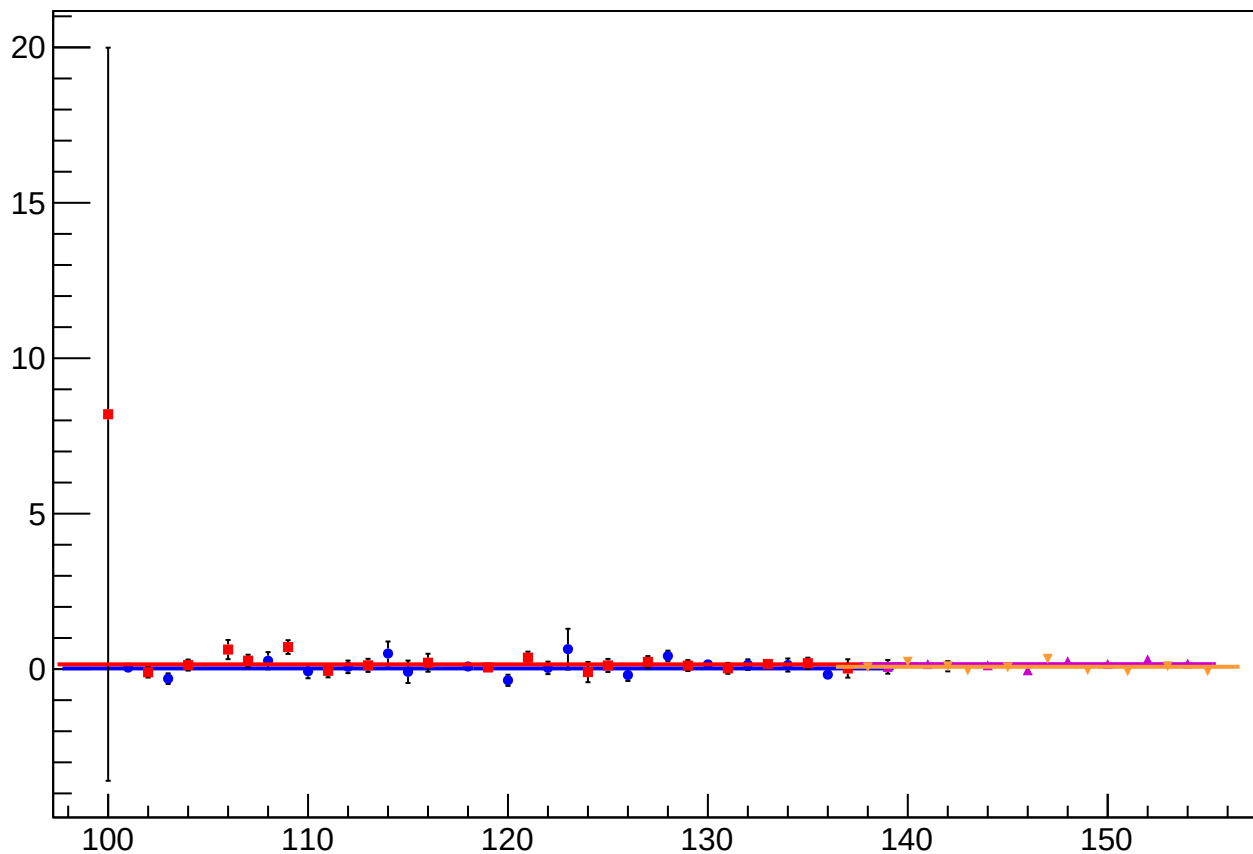
Right: -0.149 ± 0.049 χ^2/NDF : 39.0/35

In: -0.027 ± 0.040 χ^2/NDF : 36.8/24

Out: -0.055 ± 0.040 χ^2/NDF : 34.9/28

All: -0.041 ± 0.028 χ^2/NDF : 72.0/53

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Left Out: 0.073+/-0.040 χ^2/NDF :13.1/9

Right Out: 0.152+/-0.045 χ^2/NDF : 16.2/18

Left In: 0.158+/-0.043 χ^2/NDF :6.2/7

Left: 0.113+/-0.029 χ^2/NDF : 21.5/17

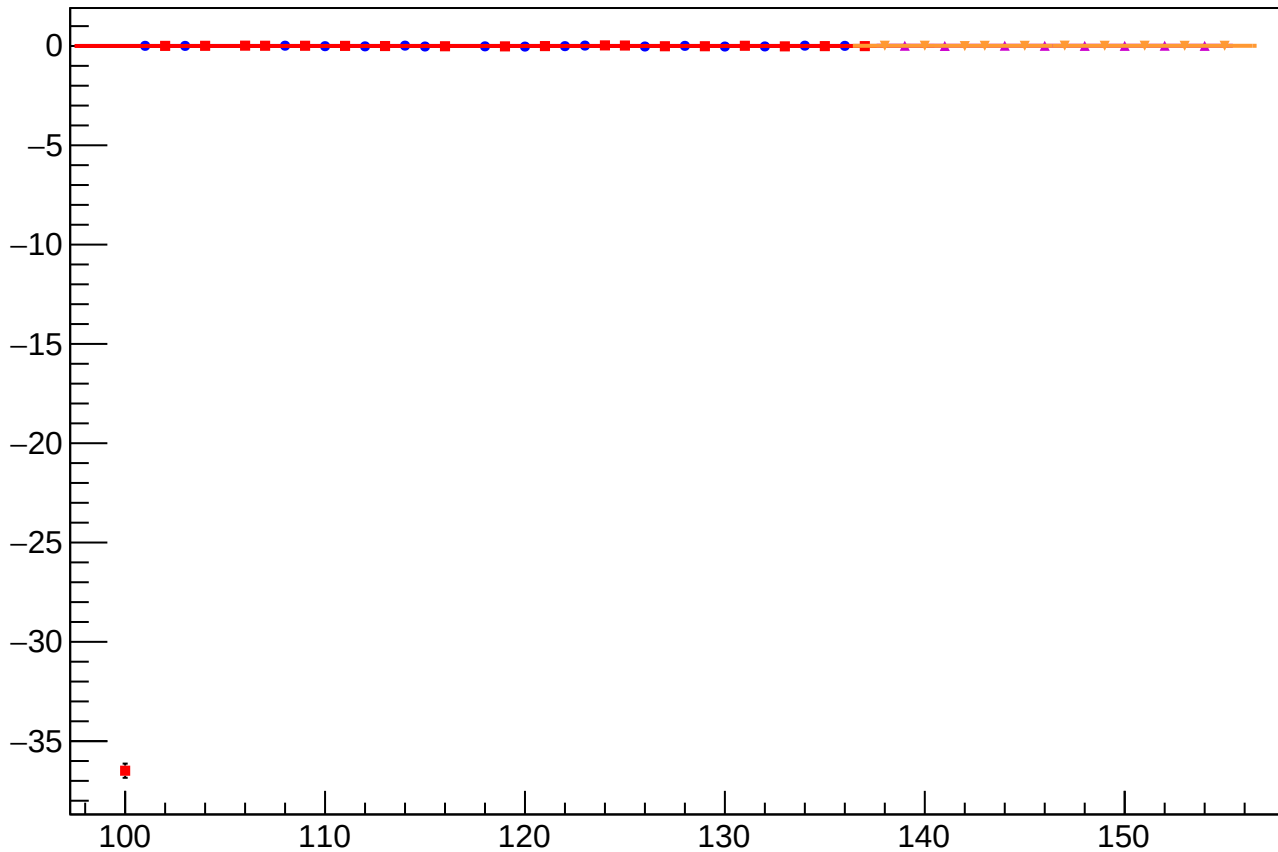
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.089+/-0.030 χ^2/NDF :34.0/24

Out: 0.108+/-0.030 χ^2/NDF :31.0/28

All: 0.098+/-0.021 χ^2/NDF : 65.2/53

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF:4.6/9

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

Left In: 0.010 $\pm$ 0.002 χ^2 /NDF:3.2/7

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 7.8/17

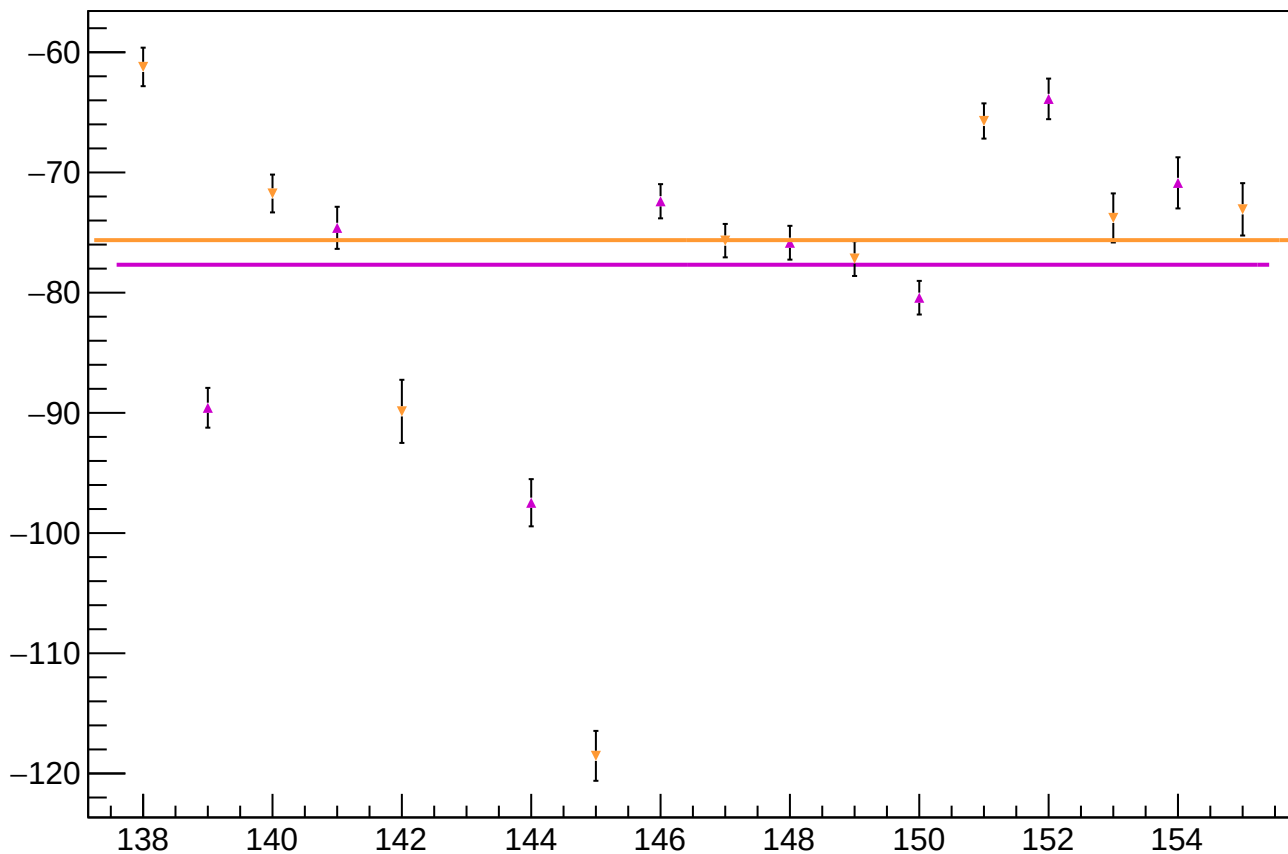
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.5/35

In: 0.006 $\pm$ 0.001 χ^2 /NDF:44.8/24

Out: 0.006 $\pm$ 0.001 χ^2 /NDF:10462.8/28

All: 0.006 $\pm$ 0.001 χ^2 /NDF: 10507.7/53

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -75.630+/-0.570 χ^2/NDF :592.8/8

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

Left In: -77.677+/-0.574 χ^2/NDF :252.8/7

Left: -76.646+/-0.404 χ^2/NDF : 852.0/16

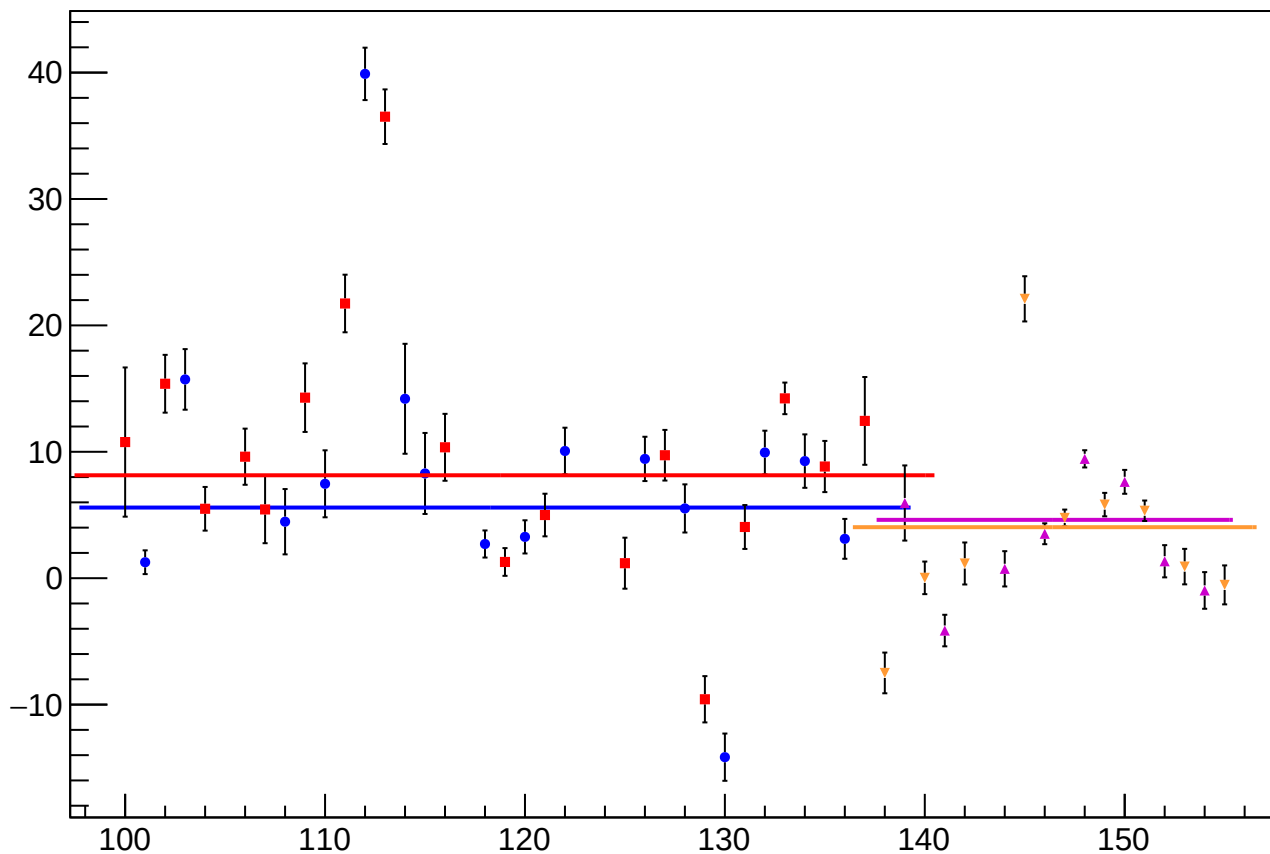
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.677+/-0.574 χ^2/NDF :252.8/7

Out: -75.630+/-0.570 χ^2/NDF :592.8/8

All: -76.646+/-0.404 χ^2/NDF : 852.0/16

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589 ± 0.424 $\chi^2/\text{NDF}: 462.8/15$

Left Out: 4.035 ± 0.363 $\chi^2/\text{NDF}: 187.2/8$

Right Out: 8.142 ± 0.454 $\chi^2/\text{NDF}: 407.7/17$

Left In: 4.616 ± 0.375 $\chi^2/\text{NDF}: 140.5/7$

Left: 4.316 ± 0.261 $\chi^2/\text{NDF}: 328.9/16$

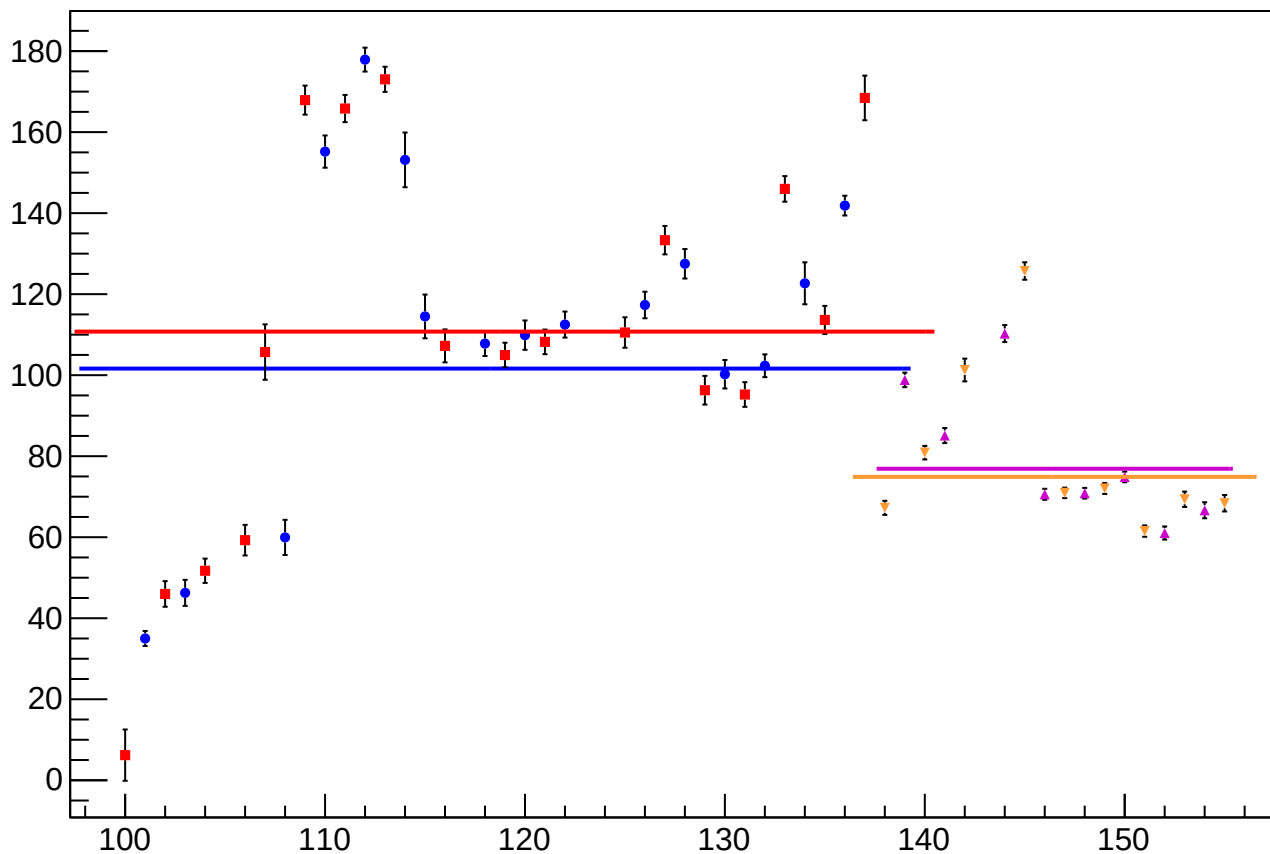
Right: 6.778 ± 0.310 $\chi^2/\text{NDF}: 887.4/33$

In: 5.044 ± 0.281 $\chi^2/\text{NDF}: 606.3/23$

Out: 5.640 ± 0.284 $\chi^2/\text{NDF}: 644.8/26$

All: 5.339 ± 0.200 $\chi^2/\text{NDF}: 1253.3/50$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 74.901 $\pm$ 0.559 χ^2 /NDF:800.8/8

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

Left In: 76.901 $\pm$ 0.562 χ^2 /NDF:589.7/7

Left: 75.895 $\pm$ 0.396 χ^2 /NDF: 1396.9/16

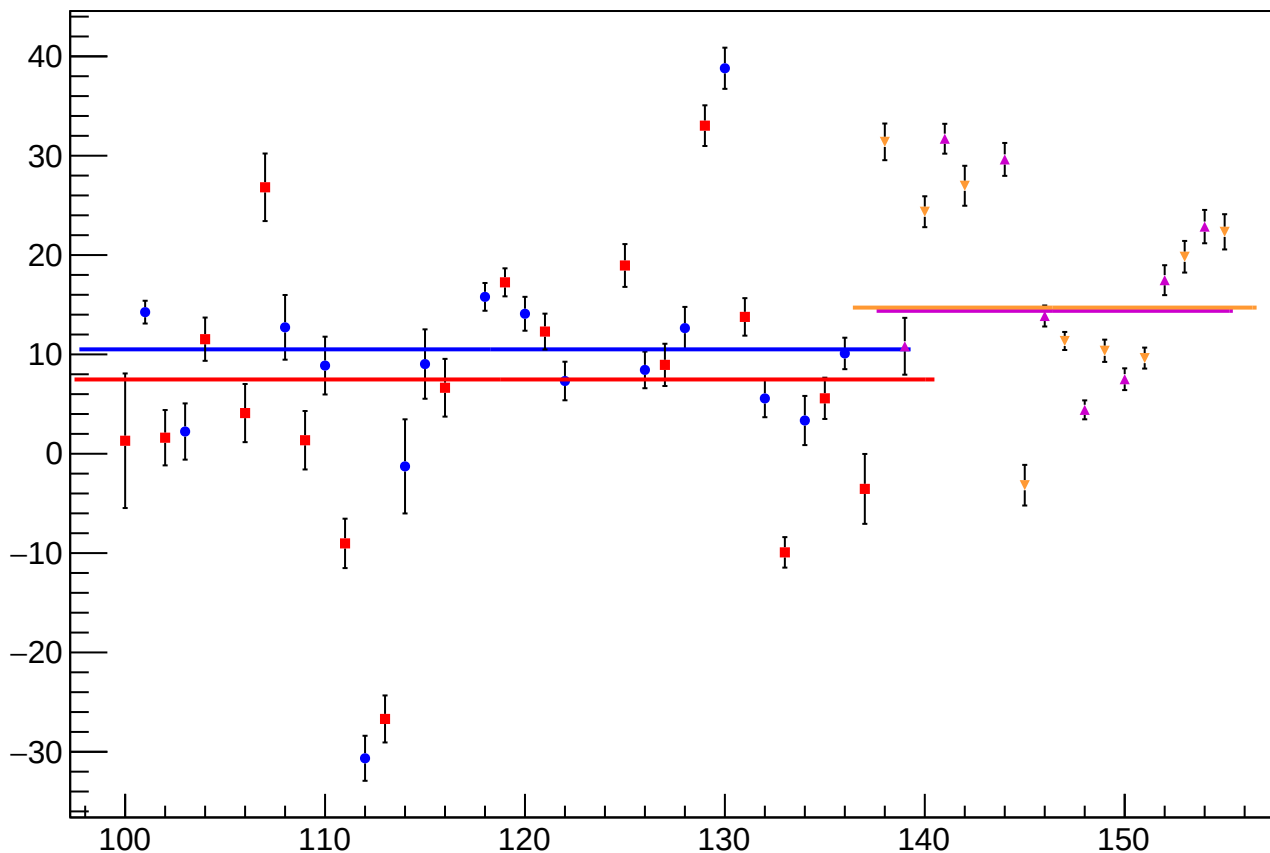
Right: 106.031 $\pm$ 0.581 χ^2 /NDF: 5553.5/33

In: 84.980 $\pm$ 0.461 χ^2 /NDF:4200.9/23

Out: 85.971 $\pm$ 0.465 χ^2 /NDF:4584.7/26

All: 85.472 $\pm$ 0.327 χ^2 /NDF: 8787.9/50

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: 14.711+/-0.456 χ^2/NDF : 314.4/8

Right Out: 7.477+/-0.524 χ^2/NDF : 689.3/17

Left In: 14.387+/-0.469 χ^2/NDF : 397.8/7

Left: 14.553+/-0.327 χ^2/NDF : 712.4/16

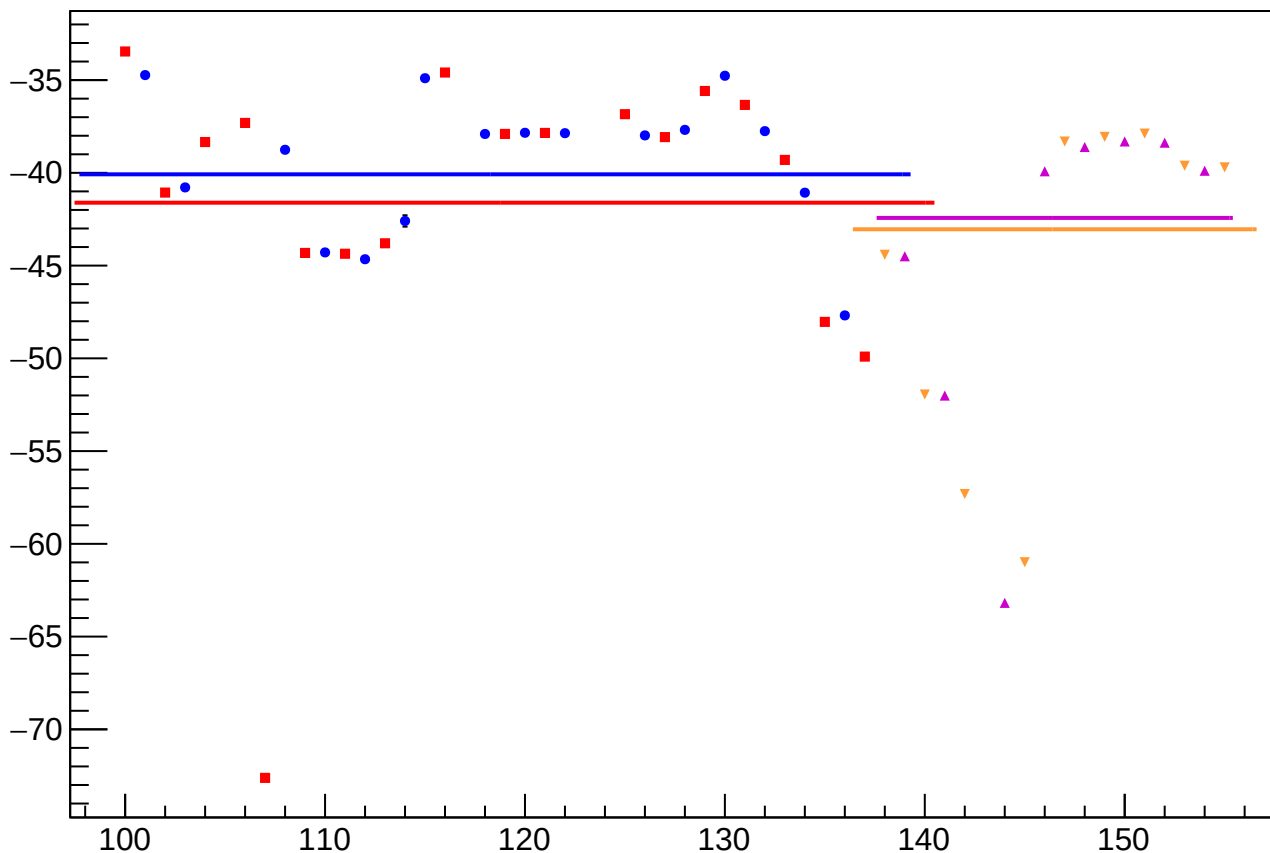
Right: 9.088+/-0.359 χ^2/NDF : 1288.6/33

In: 12.542+/-0.339 χ^2/NDF : 1011.9/23

Out: 11.594+/-0.344 χ^2/NDF : 1112.2/26

All: 12.074+/-0.242 χ^2/NDF : 2127.9/50

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080 ± 0.028 $\chi^2/\text{NDF}: 25123.9/15$

Left Out: -43.042 ± 0.023 $\chi^2/\text{NDF}: 100604.3/8$

Right Out: -41.609 ± 0.029 $\chi^2/\text{NDF}: 61784.6/17$

Left In: -42.430 ± 0.023 $\chi^2/\text{NDF}: 84935.1/7$

Left: -42.734 ± 0.016 $\chi^2/\text{NDF}: 185889.9/16$

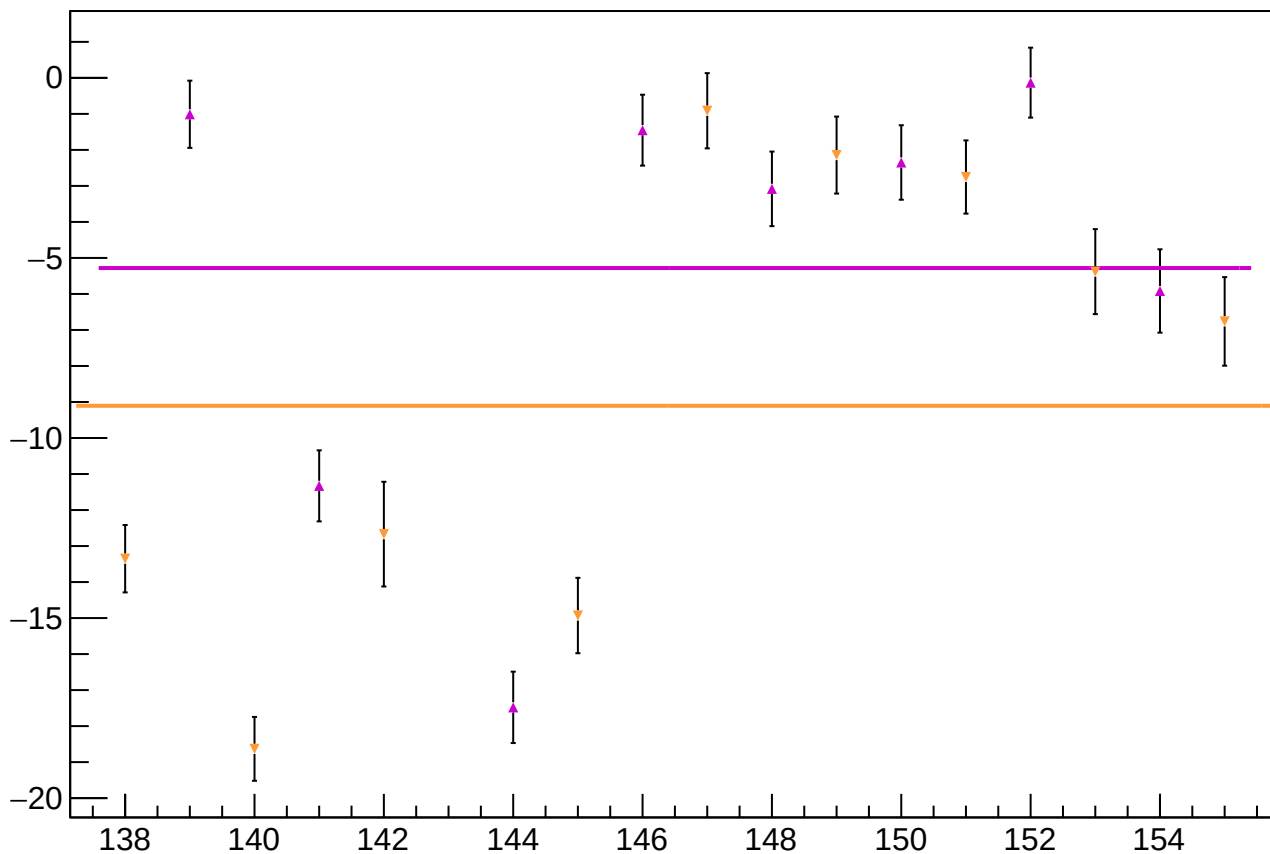
Right: -40.834 ± 0.020 $\chi^2/\text{NDF}: 88360.5/33$

In: -41.488 ± 0.018 $\chi^2/\text{NDF}: 114223.0/23$

Out: -42.474 ± 0.018 $\chi^2/\text{NDF}: 163905.2/26$

All: -41.977 ± 0.013 $\chi^2/\text{NDF}: 279639.9/50$

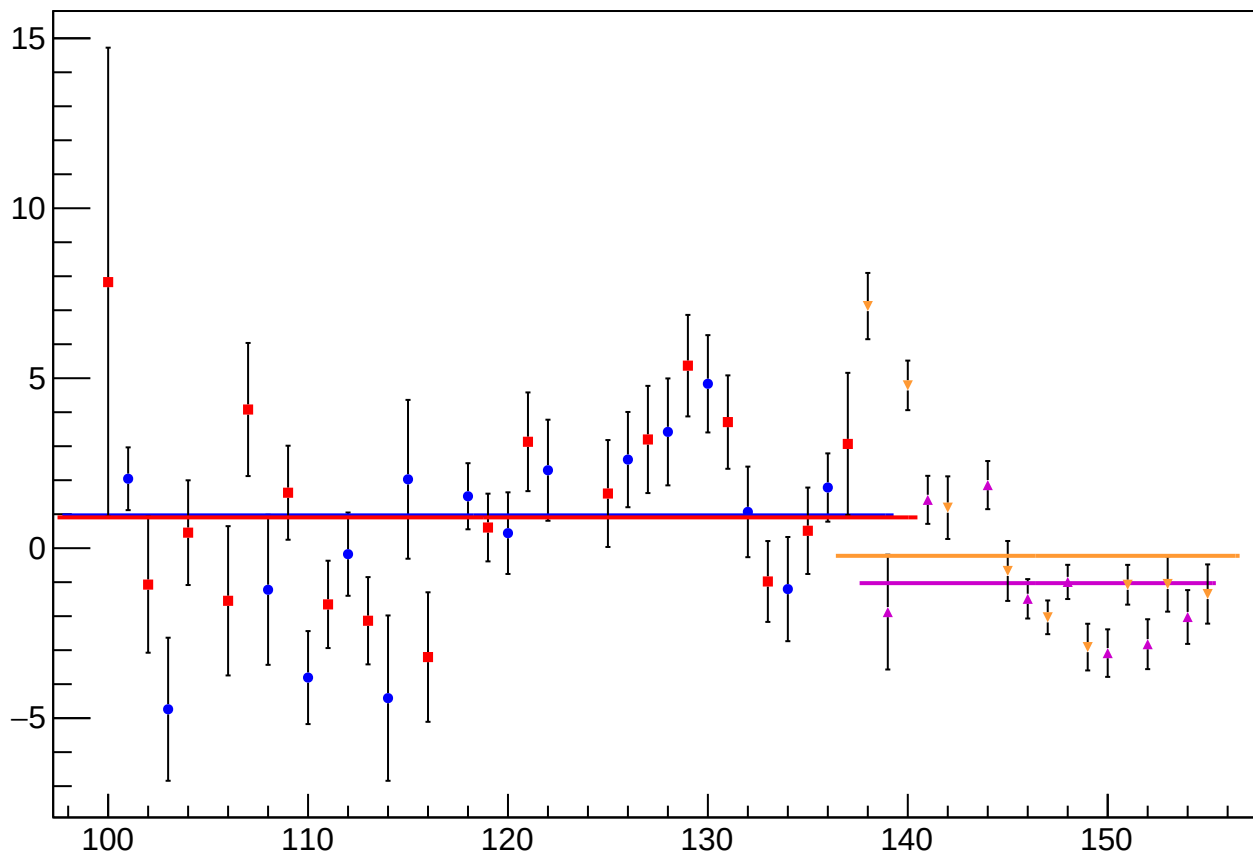
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.105+/-0.355 χ^2/NDF :329.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.280+/-0.356 χ^2/NDF :266.1/7

Left: -7.197+/-0.251 χ^2/NDF : 653.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.280+/-0.356 χ^2/NDF :266.1/7
 Out: -9.105+/-0.355 χ^2/NDF :329.6/8
 All: -7.197+/-0.251 χ^2/NDF : 653.7/16

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 ± 0.338 $\chi^2/\text{NDF}: 42.9/15$

Left Out: -0.224 ± 0.240 $\chi^2/\text{NDF}: 140.2/8$

Right Out: 0.906 ± 0.354 $\chi^2/\text{NDF}: 42.0/17$

Left In: -1.028 ± 0.244 $\chi^2/\text{NDF}: 45.8/7$

Left: -0.620 ± 0.171 $\chi^2/\text{NDF}: 191.5/16$

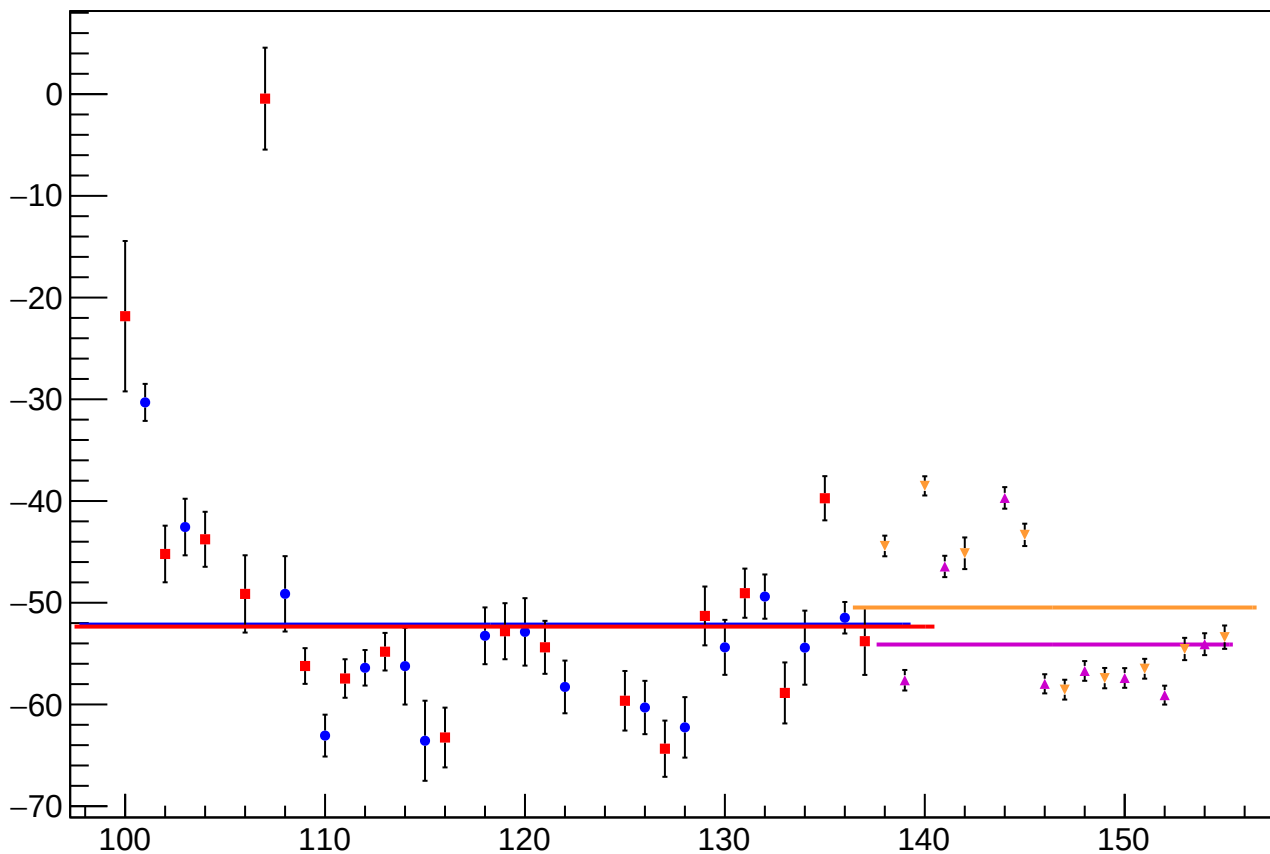
Right: 0.937 ± 0.244 $\chi^2/\text{NDF}: 84.9/33$

In: -0.345 ± 0.198 $\chi^2/\text{NDF}: 111.5/23$

Out: 0.132 ± 0.199 $\chi^2/\text{NDF}: 189.2/26$

All: -0.107 ± 0.140 $\chi^2/\text{NDF}: 303.6/50$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148 ± 0.612 $\chi^2/\text{NDF}: 230.2/15$

Left Out: -50.469 ± 0.353 $\chi^2/\text{NDF}: 425.1/8$

Right Out: -52.346 ± 0.616 $\chi^2/\text{NDF}: 235.7/17$

Left In: -54.107 ± 0.352 $\chi^2/\text{NDF}: 314.6/7$

Left: -52.291 ± 0.249 $\chi^2/\text{NDF}: 793.0/16$

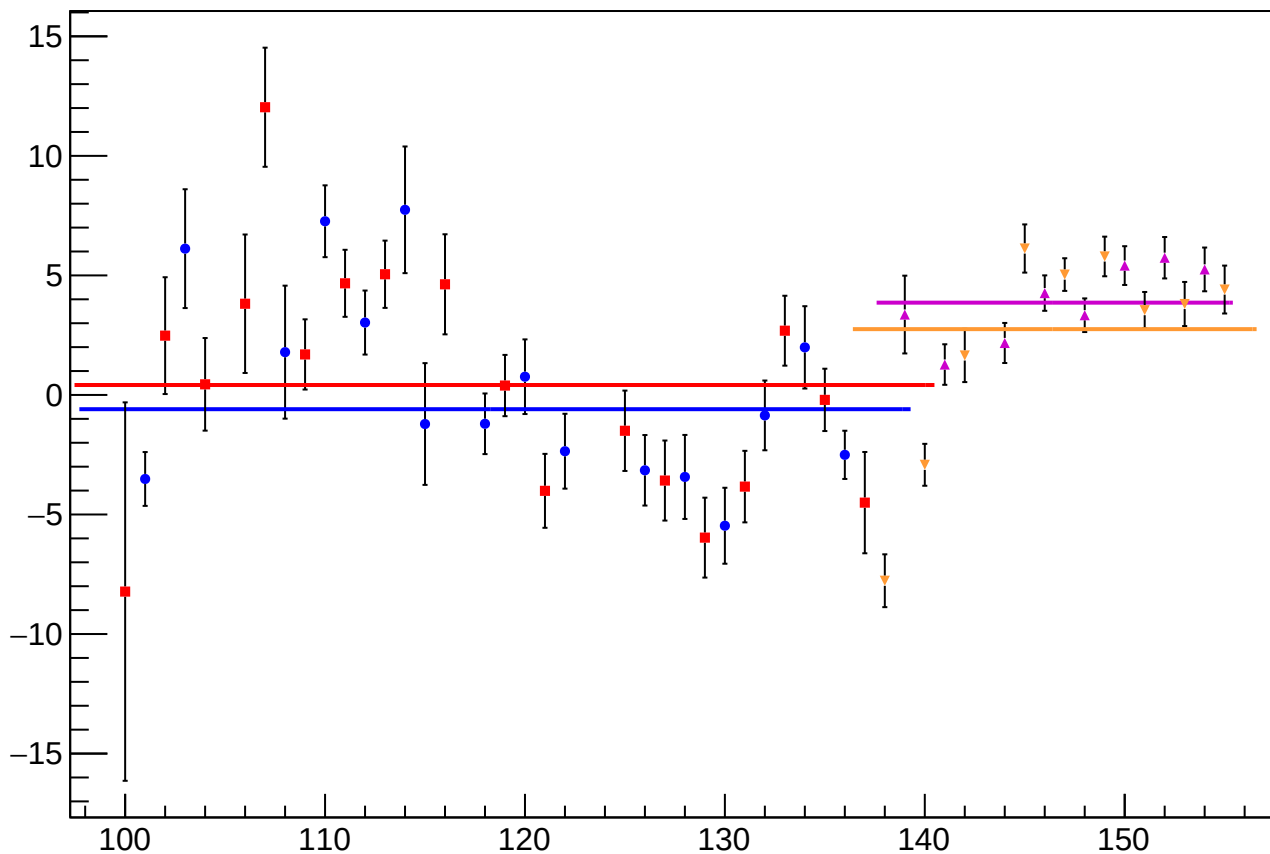
Right: -52.246 ± 0.434 $\chi^2/\text{NDF}: 466.0/33$

In: -53.619 ± 0.305 $\chi^2/\text{NDF}: 552.6/23$

Out: -50.933 ± 0.306 $\chi^2/\text{NDF}: 667.9/26$

All: -52.280 ± 0.216 $\chi^2/\text{NDF}: 1259.0/50$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 2.753 ± 0.296 χ^2/NDF : 174.5/8

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

Left In: 3.861 ± 0.300 χ^2/NDF : 25.0/7

Left: 3.299 ± 0.211 χ^2/NDF : 206.4/16

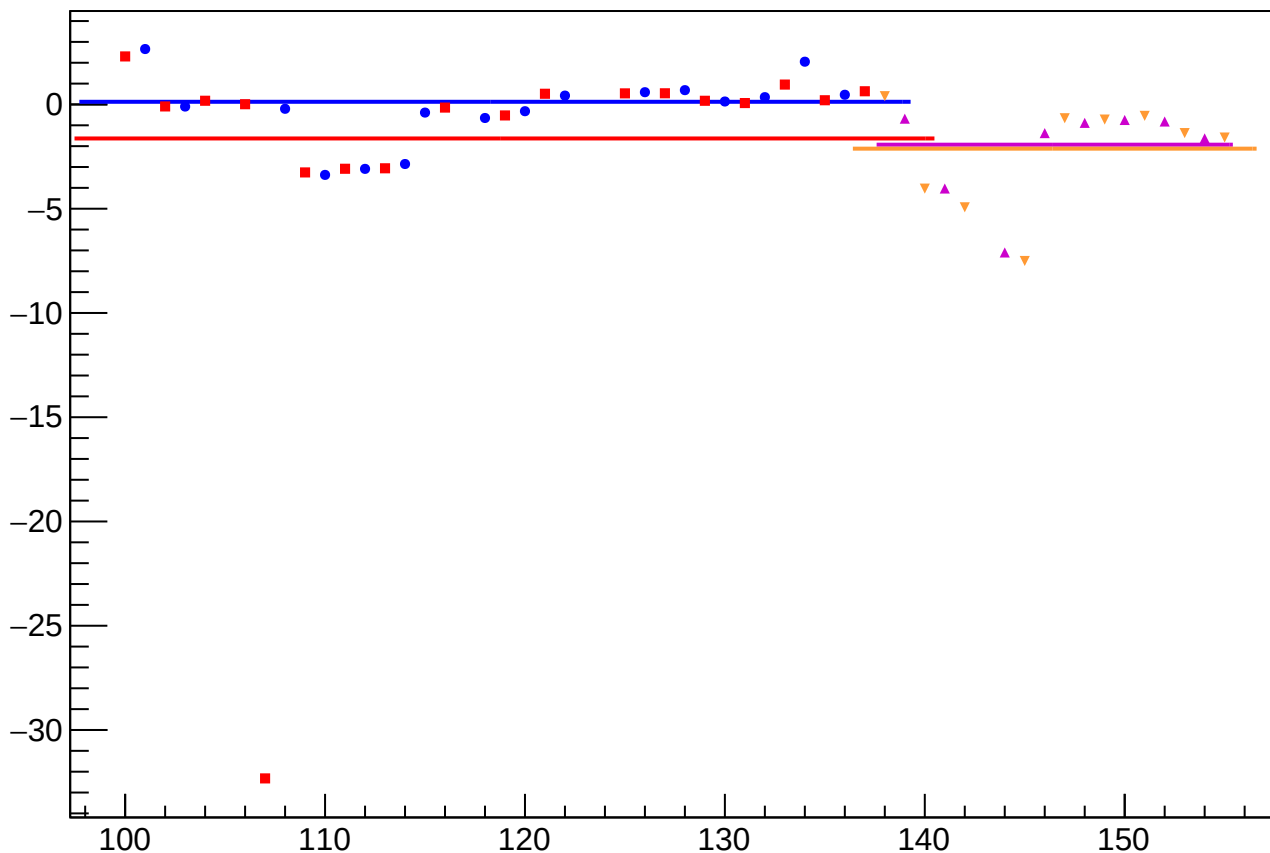
Right: -0.111 ± 0.277 χ^2/NDF : 181.7/33

In: 2.168 ± 0.237 χ^2/NDF : 191.2/23

Out: 1.925 ± 0.238 χ^2/NDF : 292.4/26

All: 2.047 ± 0.168 χ^2/NDF : 484.1/50

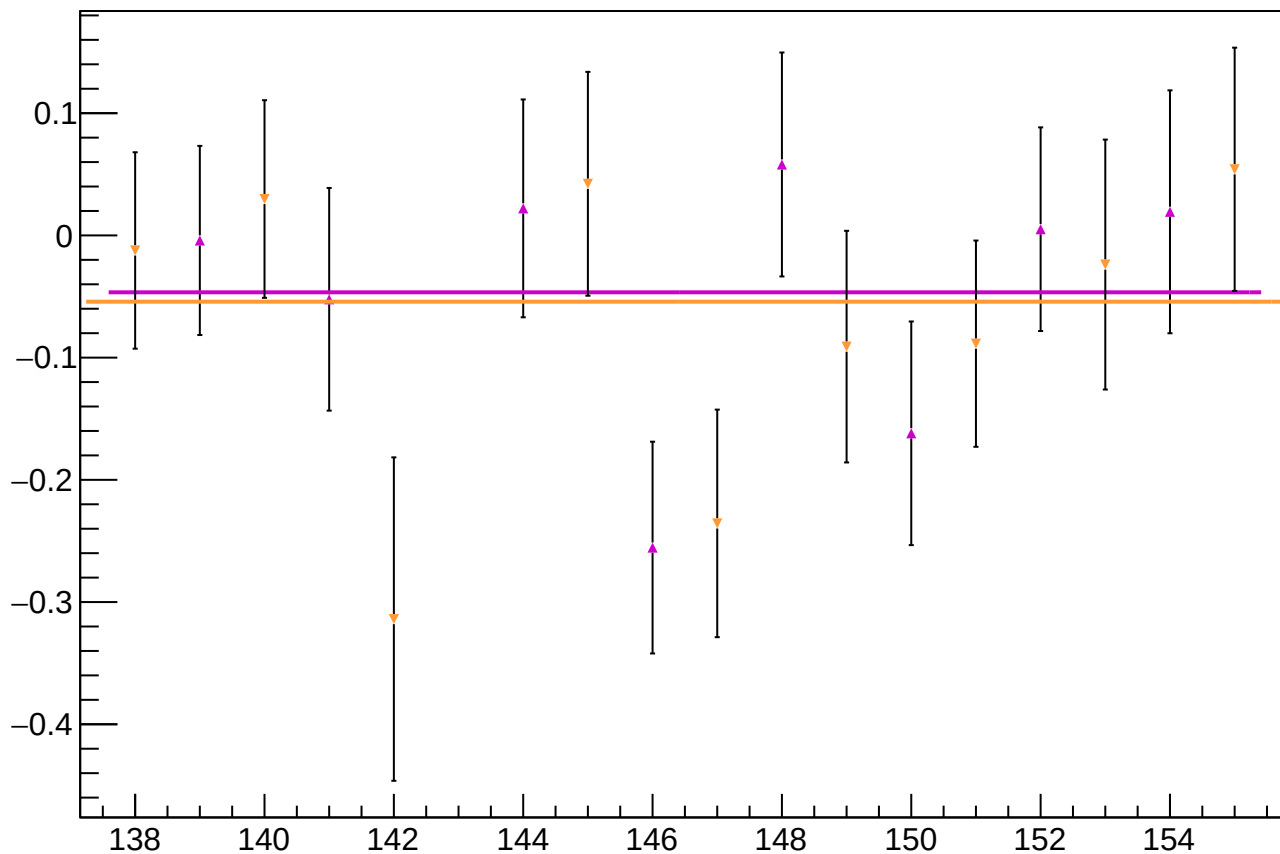
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$
 Left Out: -2.120 ± 0.014 $\chi^2/\text{NDF}: 27776.6/8$
 Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$
 Left In: -1.930 ± 0.014 $\chi^2/\text{NDF}: 18720.0/7$

Left: -2.024 ± 0.010 $\chi^2/\text{NDF}: 46585.4/16$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86433.1/33$
 In: -1.301 ± 0.012 $\chi^2/\text{NDF}: 30337.7/23$
 Out: -1.973 ± 0.012 $\chi^2/\text{NDF}: 106006.3/26$
 All: -1.635 ± 0.008 $\chi^2/\text{NDF}: 137930.8/50$

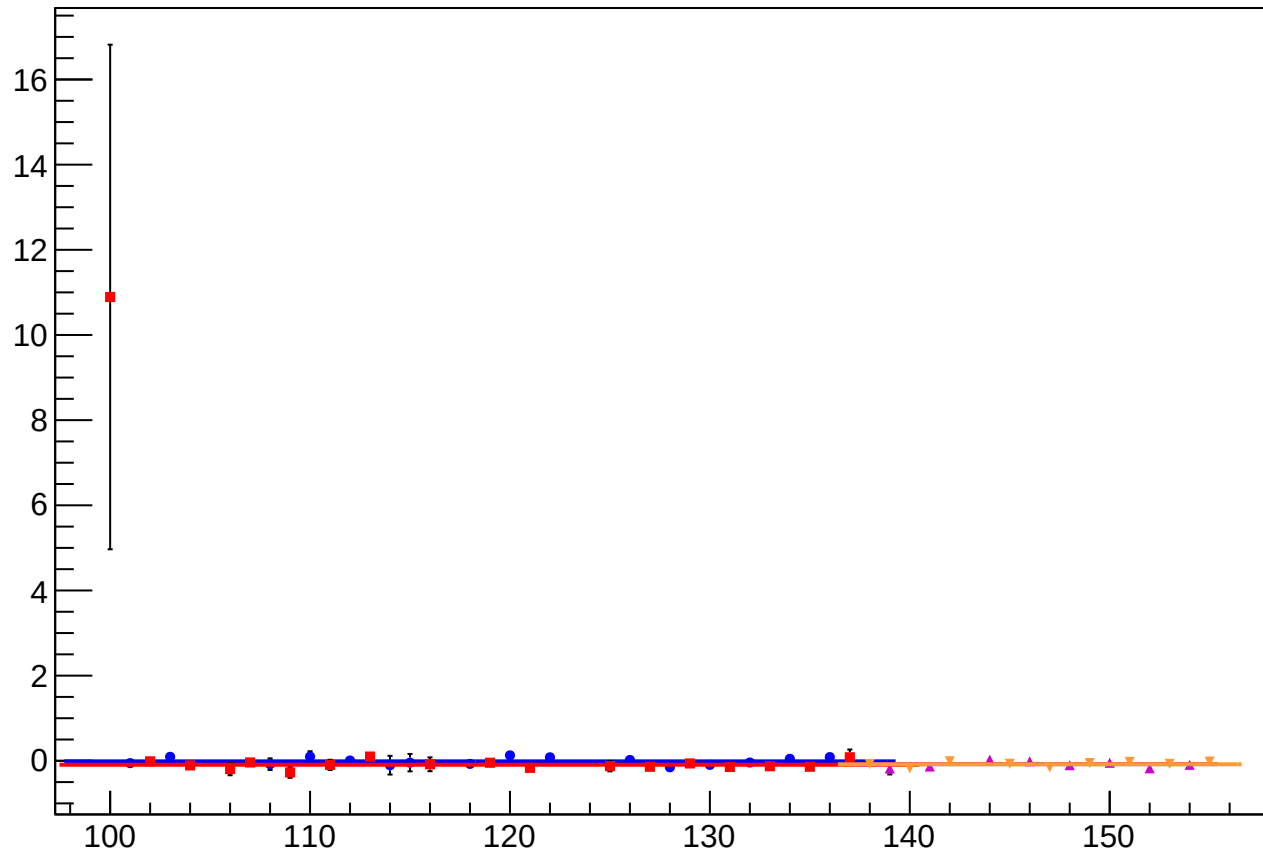
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.054+/-0.031 χ^2/NDF :11.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.047+/-0.031 χ^2/NDF :10.4/7

Left: -0.050+/-0.022 χ^2/NDF : 22.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.047+/-0.031 χ^2/NDF :10.4/7
 Out: -0.054+/-0.031 χ^2/NDF :11.7/8
 All: -0.050+/-0.022 χ^2/NDF : 22.2/16

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 12.2/15

Left Out: -0.082 $\pm$ 0.021 χ^2 /NDF: 7.9/8

Right Out: -0.092 $\pm$ 0.025 χ^2 /NDF: 12.7/17

Left In: -0.077 $\pm$ 0.022 χ^2 /NDF: 8.8/7

Left: -0.080 $\pm$ 0.015 χ^2 /NDF: 16.7/16

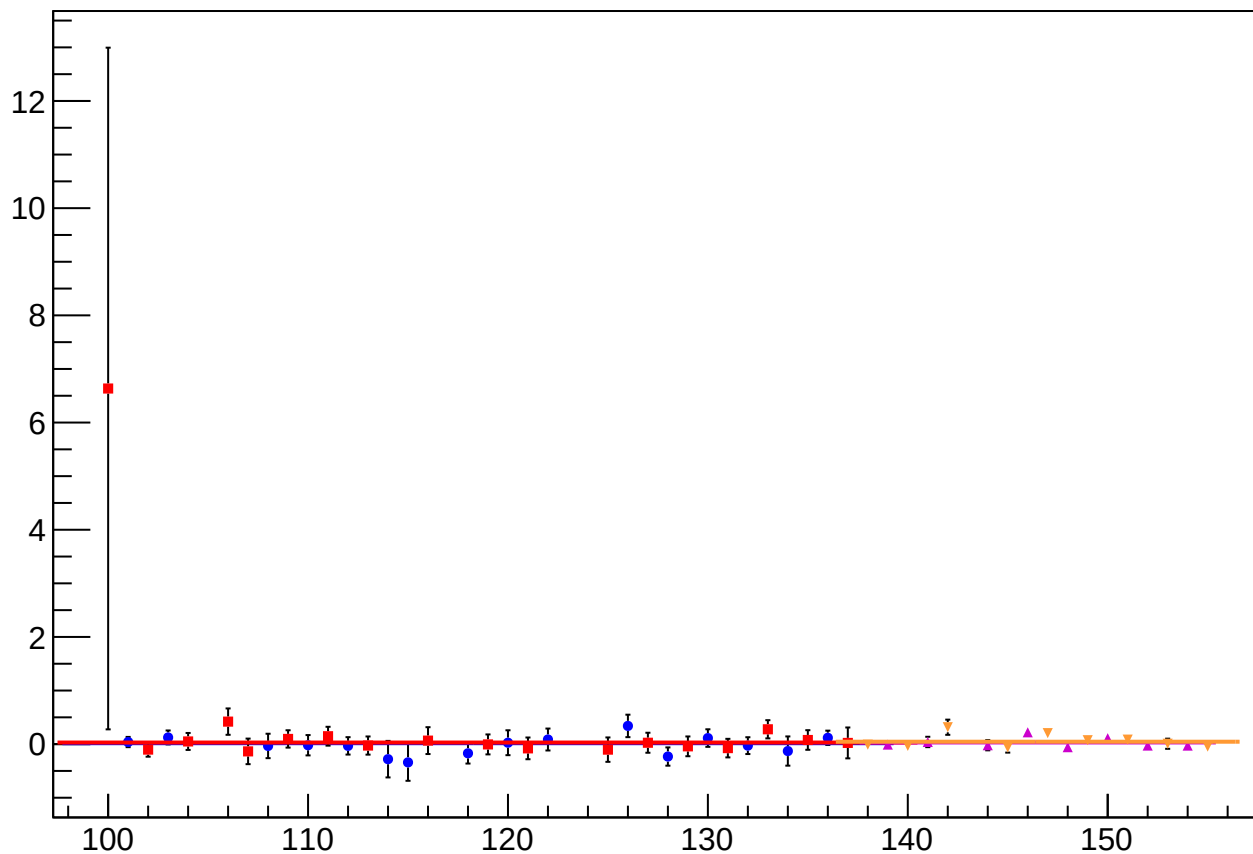
Right: -0.050 $\pm$ 0.017 χ^2 /NDF: 30.3/33

In: -0.048 $\pm$ 0.016 χ^2 /NDF: 25.2/23

Out: -0.086 $\pm$ 0.016 χ^2 /NDF: 20.7/26

All: -0.067 $\pm$ 0.011 χ^2 /NDF: 48.8/50

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: 0.045+/-0.031 χ^2/NDF :10.9/8

Right Out: 0.030+/-0.045 χ^2/NDF : 9.2/17

Left In: 0.031+/-0.031 χ^2/NDF :8.6/7

Left: 0.038+/-0.022 χ^2/NDF : 19.6/16

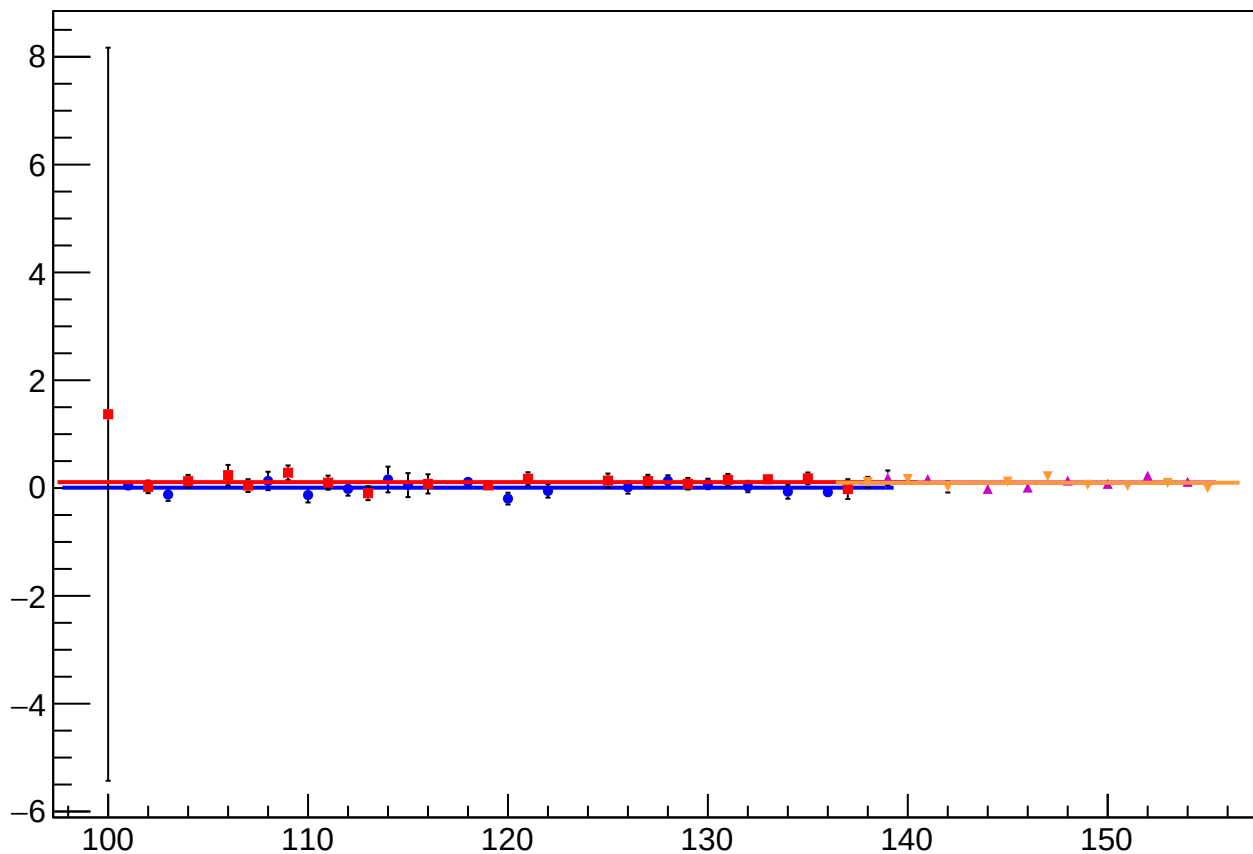
Right: 0.023+/-0.031 χ^2/NDF : 18.9/33

In: 0.027+/-0.025 χ^2/NDF :18.3/23

Out: 0.040+/-0.025 χ^2/NDF :20.2/26

All: 0.033+/-0.018 χ^2/NDF : 38.7/50

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: 0.099+/-0.026 χ^2/NDF : 8.1/8

Right Out: 0.110+/-0.029 χ^2/NDF : 8.0/17

Left In: 0.104+/-0.027 χ^2/NDF : 8.9/7

Left: 0.101+/-0.018 χ^2/NDF : 17.0/16

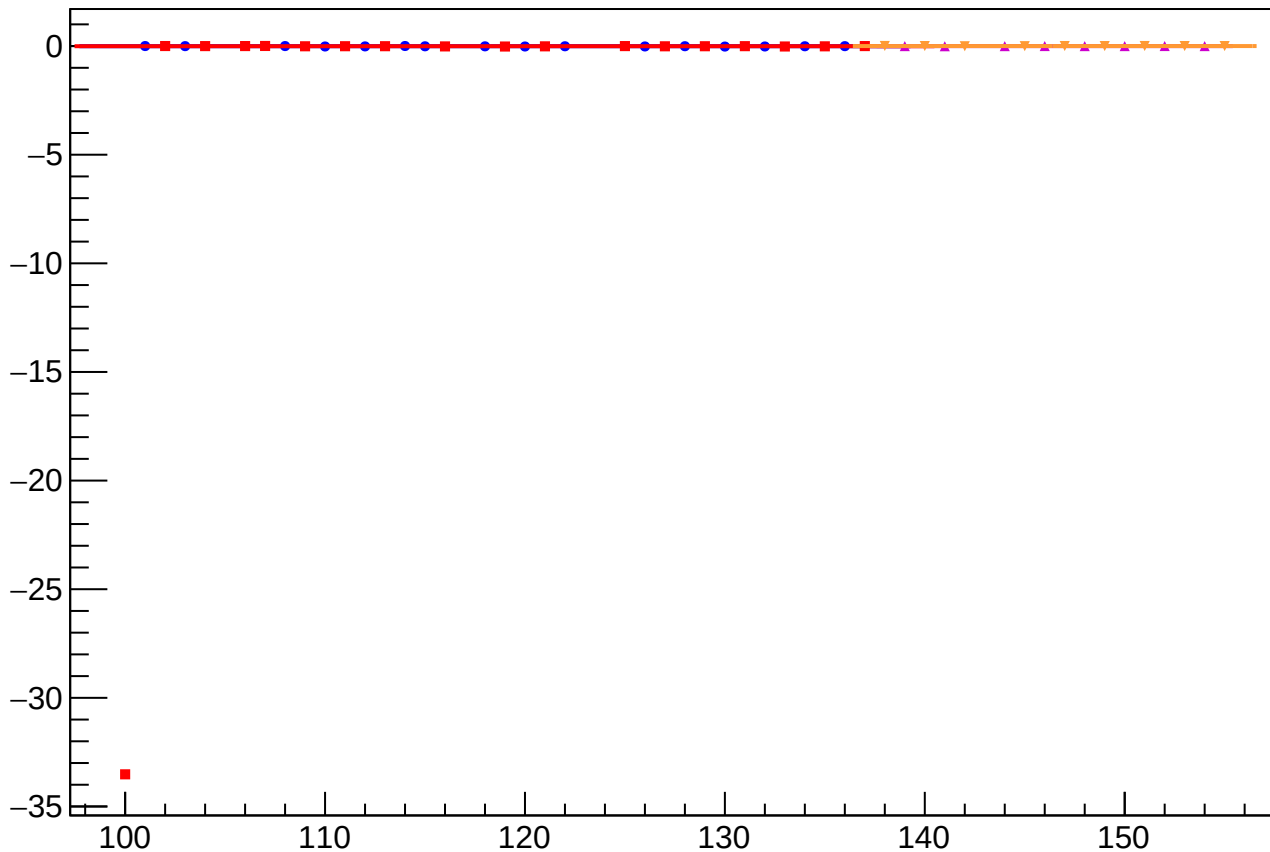
Right: 0.055+/-0.020 χ^2/NDF : 27.0/33

In: 0.056+/-0.019 χ^2/NDF : 27.6/23

Out: 0.104+/-0.019 χ^2/NDF : 16.1/26

All: 0.080+/-0.013 χ^2/NDF : 46.9/50

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.6/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF: 6.7/8

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.001 $\pm$ 0.001 χ^2 /NDF: 4.5/7

Left: -0.000 $\pm$ 0.001 χ^2 /NDF: 12.0/16

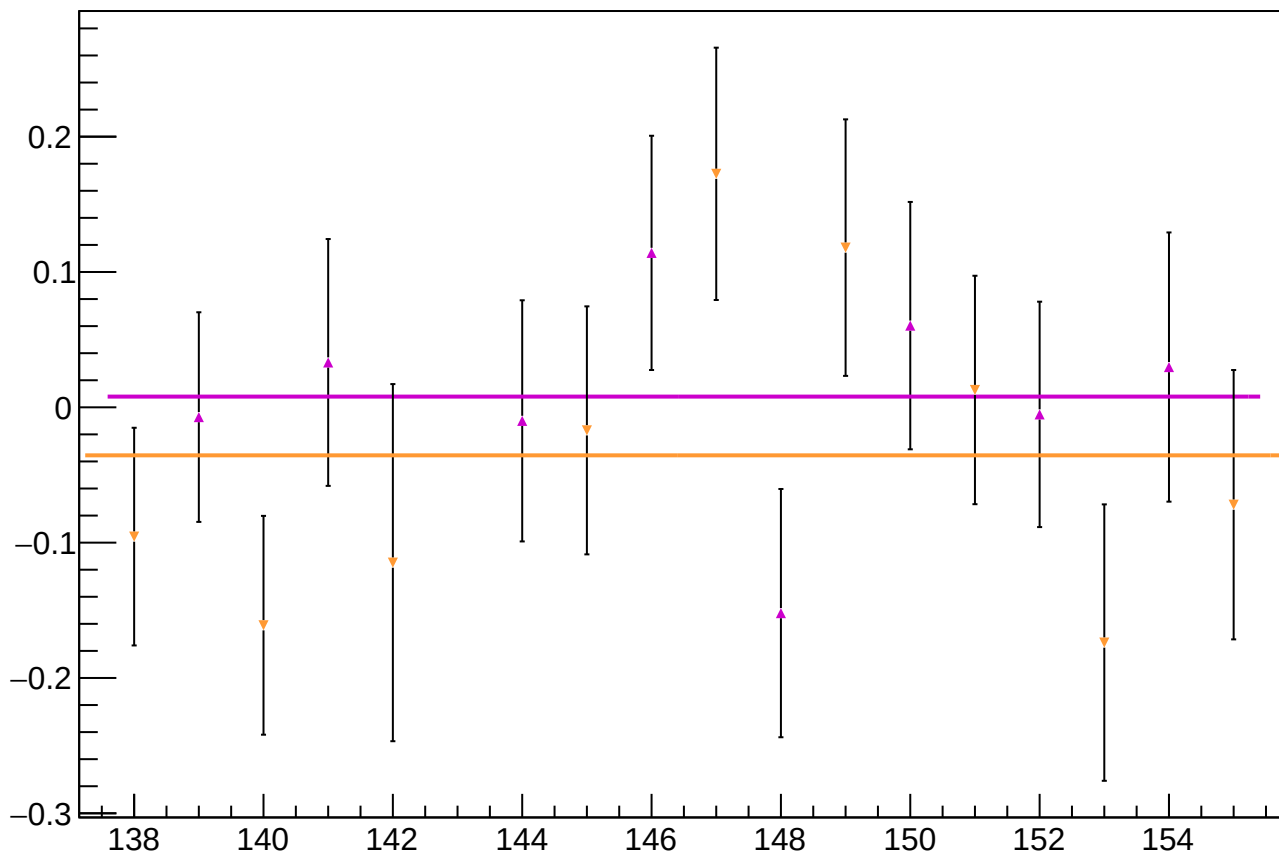
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.6/33

In: -0.003 $\pm$ 0.001 χ^2 /NDF: 33.0/23

Out: -0.002 $\pm$ 0.001 χ^2 /NDF: 26527.5/26

All: -0.002 $\pm$ 0.001 χ^2 /NDF: 26560.7/50

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.035 $\pm$ 0.031 χ^2 /NDF:13.3/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.008 $\pm$ 0.031 χ^2 /NDF:5.1/7

Left: -0.014 $\pm$ 0.022 χ^2 /NDF: 19.4/16

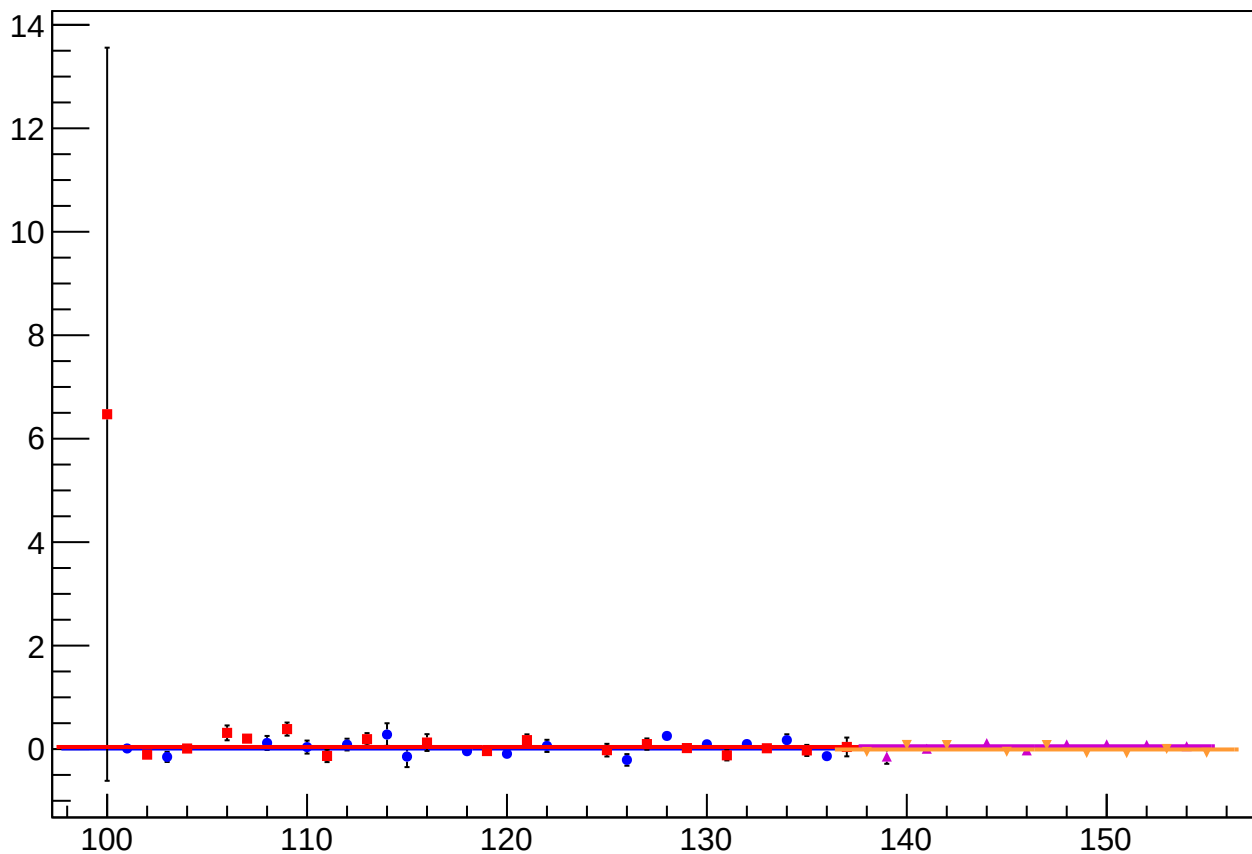
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.008 $\pm$ 0.031 χ^2 /NDF:5.1/7

Out: -0.035 $\pm$ 0.031 χ^2 /NDF:13.3/8

All: -0.014 $\pm$ 0.022 χ^2 /NDF: 19.4/16

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 25.4/15

Left Out: -0.008 $\pm$ 0.021 χ^2 /NDF:11.5/8

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 27.9/17

Left In: 0.054 $\pm$ 0.022 χ^2 /NDF:7.1/7

Left: 0.022 $\pm$ 0.015 χ^2 /NDF: 22.9/16

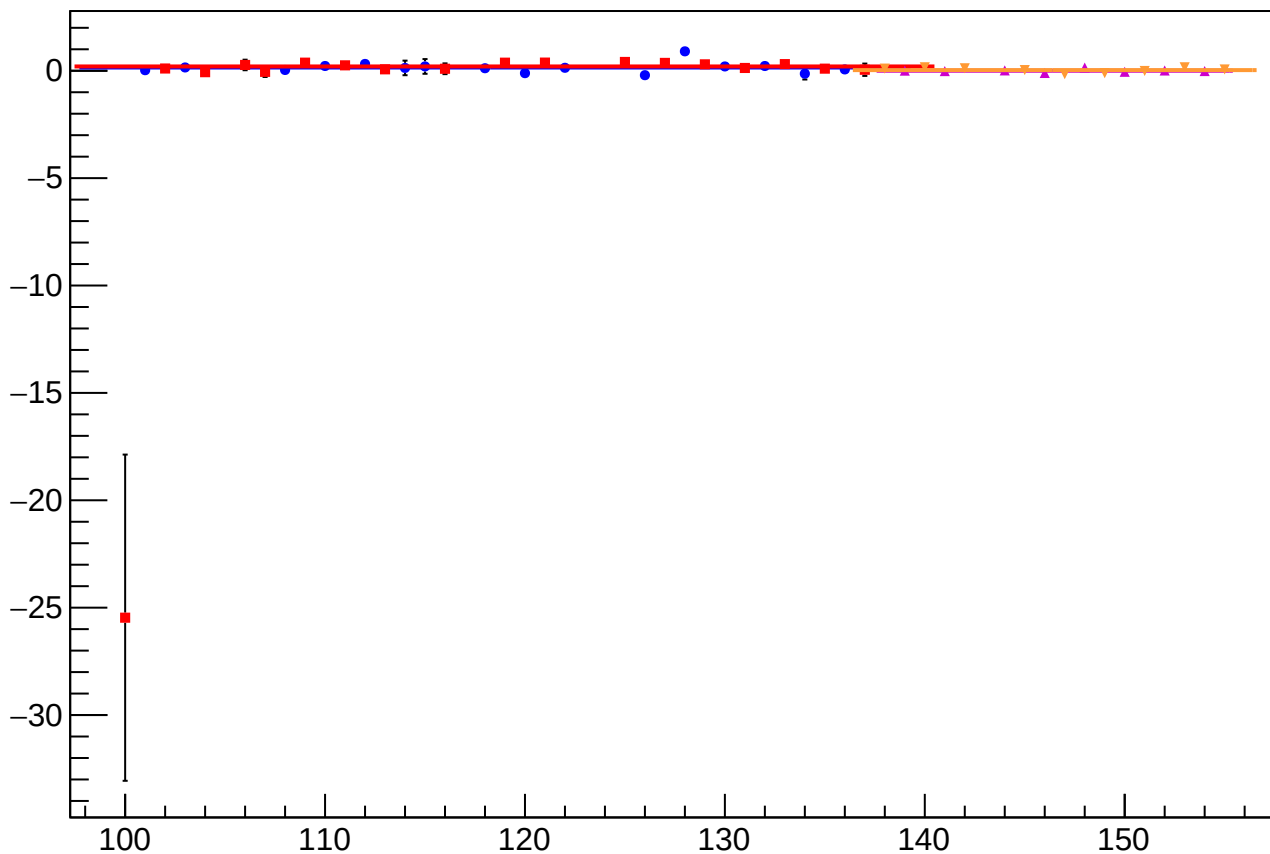
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 54.1/33

In: 0.034 $\pm$ 0.016 χ^2 /NDF:34.4/23

Out: 0.012 $\pm$ 0.016 χ^2 /NDF:41.6/26

All: 0.023 $\pm$ 0.011 χ^2 /NDF: 77.0/50

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.030 $\pm$ 0.031 χ^2 /NDF:13.0/8

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

Left In: 0.000 $\pm$ 0.031 χ^2 /NDF:5.0/7

Left: 0.015 $\pm$ 0.022 χ^2 /NDF: 18.4/16

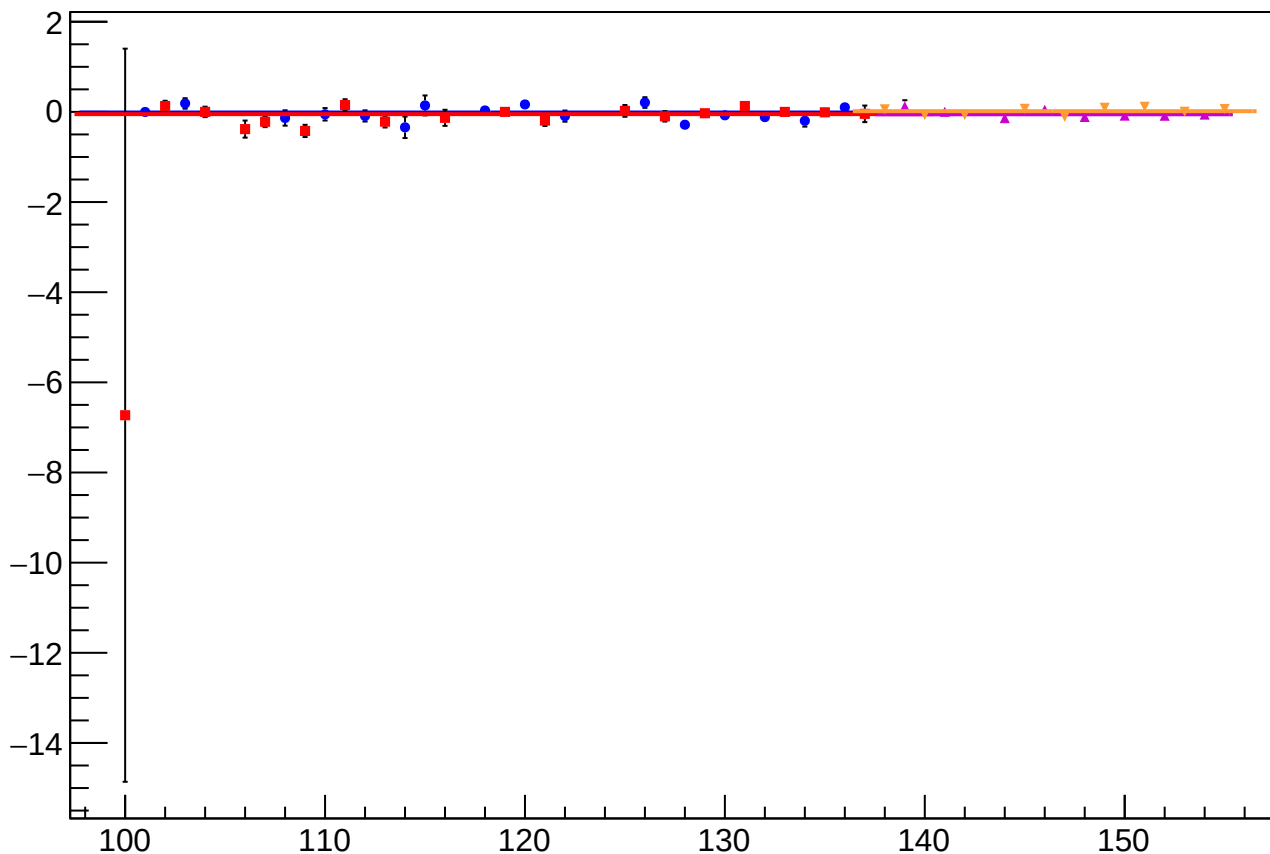
Right: 0.175 $\pm$ 0.031 χ^2 /NDF: 52.2/33

In: 0.052 $\pm$ 0.025 χ^2 /NDF:41.9/23

Out: 0.084 $\pm$ 0.025 χ^2 /NDF:45.7/26

All: 0.068 $\pm$ 0.018 χ^2 /NDF: 88.4/50

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: 0.016 ± 0.026 χ^2/NDF : 10.5/8

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

Left In: -0.053 ± 0.027 χ^2/NDF : 7.2/7

Left: -0.018 ± 0.018 χ^2/NDF : 21.1/16

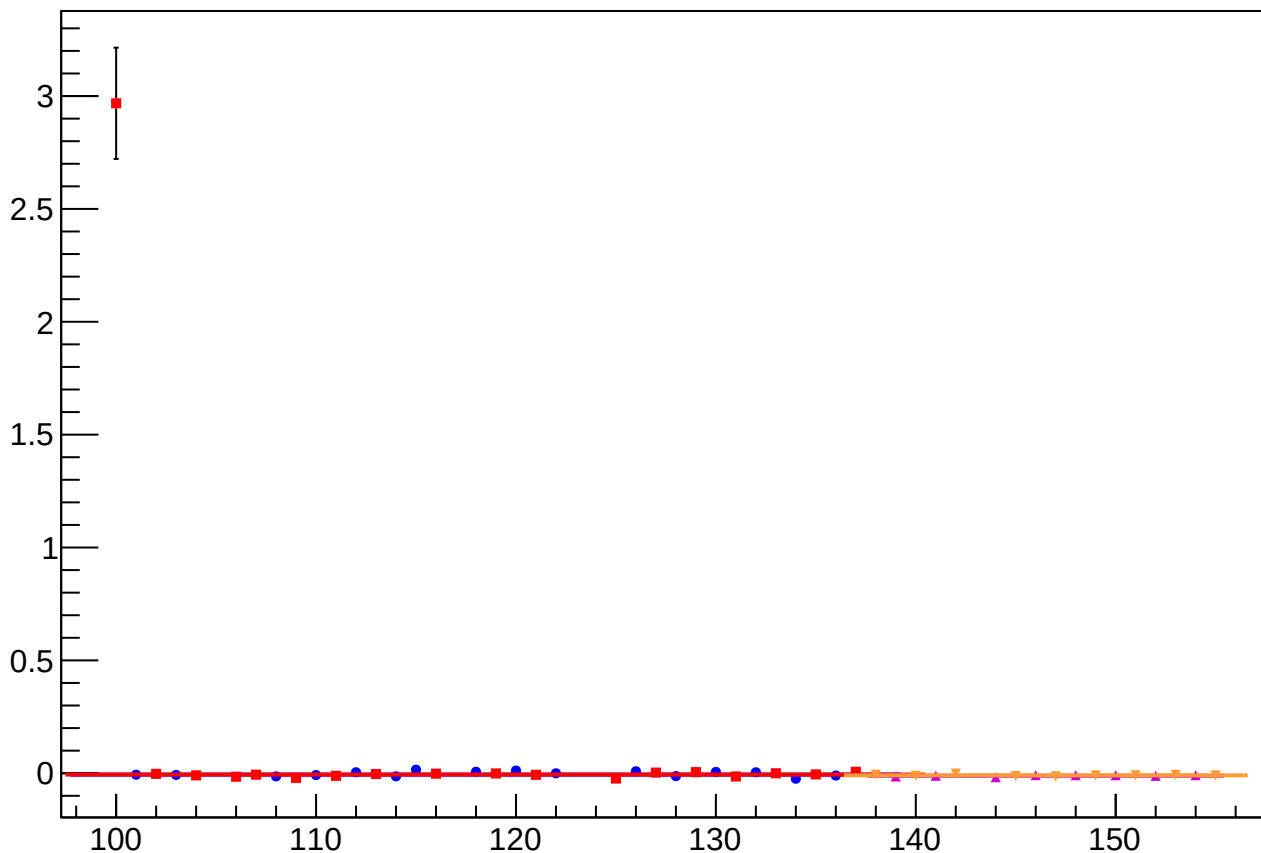
Right: -0.031 ± 0.020 χ^2/NDF : 51.8/33

In: -0.034 ± 0.019 χ^2/NDF : 33.4/23

Out: -0.013 ± 0.019 χ^2/NDF : 39.1/26

All: -0.024 ± 0.013 χ^2/NDF : 73.1/50

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 4.9/8

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

Left In: -0.011 ± 0.001 χ^2/NDF : 5.5/7

Left: -0.010 ± 0.001 χ^2/NDF : 11.4/16

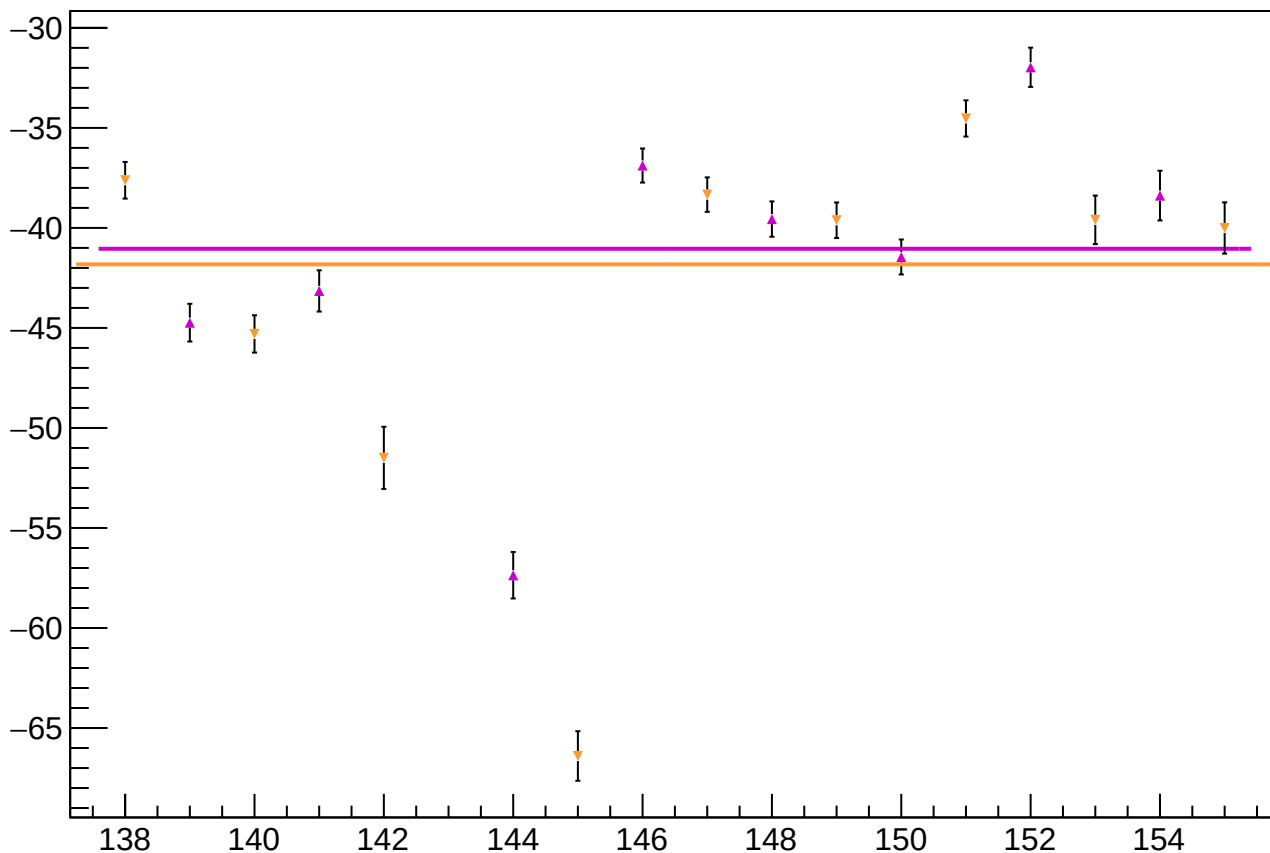
Right: -0.006 ± 0.001 χ^2/NDF : 194.8/33

In: -0.009 ± 0.001 χ^2/NDF : 41.6/23

Out: -0.008 ± 0.001 χ^2/NDF : 173.9/26

All: -0.008 ± 0.001 χ^2/NDF : 216.0/50

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.821+/-0.343 χ^2/NDF :559.6/8

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

Left In: -41.042+/-0.344 χ^2/NDF :334.5/7

Left: -41.433+/-0.243 χ^2/NDF : 896.7/16

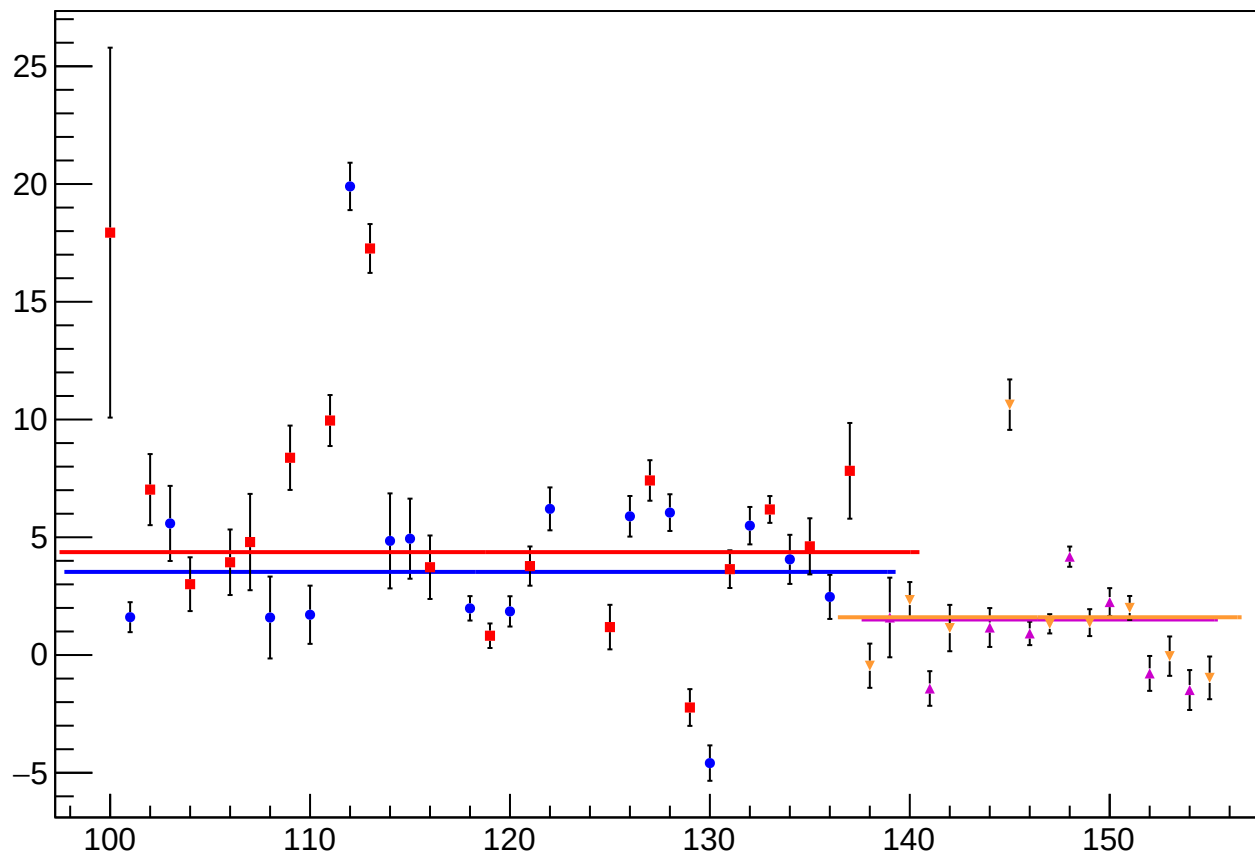
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.042+/-0.344 χ^2/NDF :334.5/7

Out: -41.821+/-0.343 χ^2/NDF :559.6/8

All: -41.433+/-0.243 χ^2/NDF : 896.7/16

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530 $\pm$ 0.217 χ^2 /NDF: 446.6/15

Left Out: 1.604 $\pm$ 0.222 χ^2 /NDF:90.1/8

Right Out: 4.370 $\pm$ 0.225 χ^2 /NDF: 353.8/17

Left In: 1.508 $\pm$ 0.228 χ^2 /NDF:79.7/7

Left: 1.557 $\pm$ 0.159 χ^2 /NDF: 169.9/16

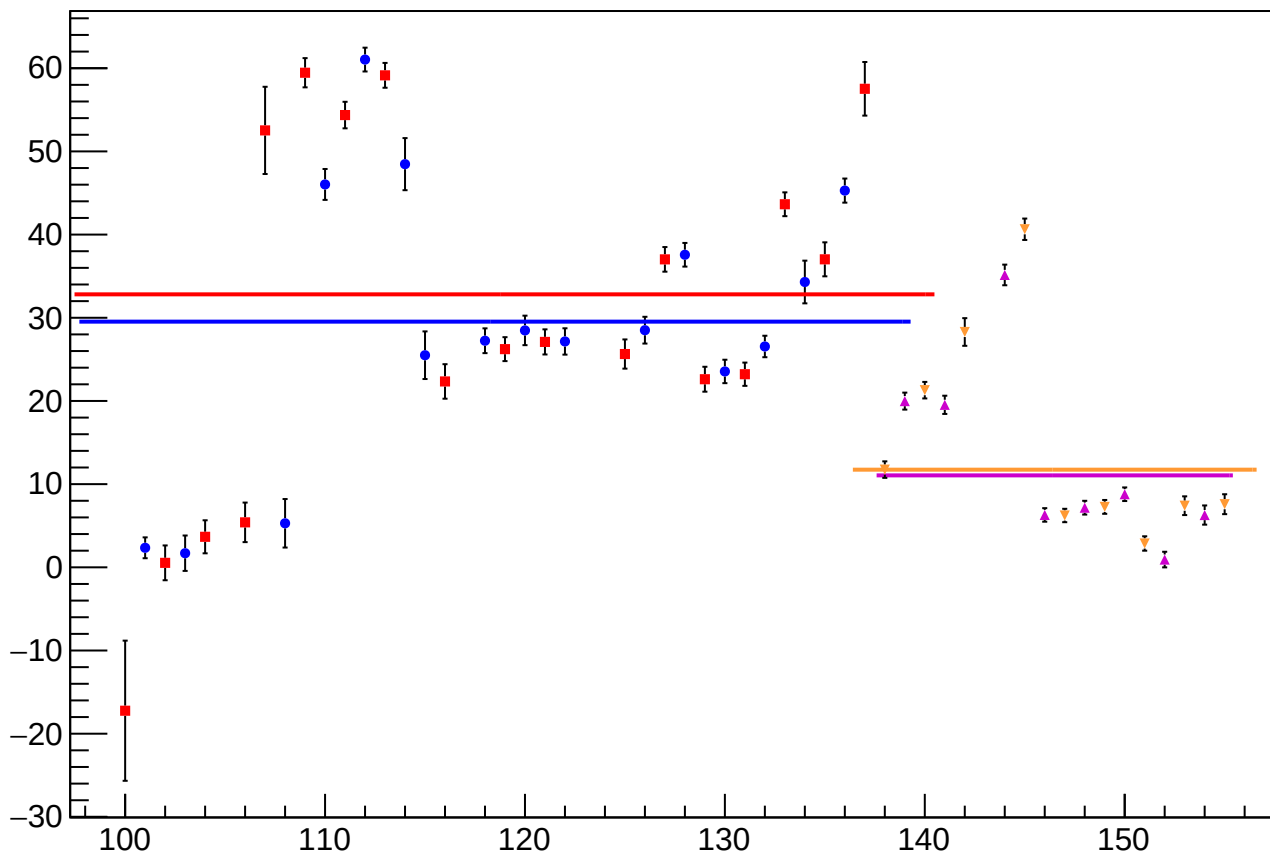
Right: 3.934 $\pm$ 0.156 χ^2 /NDF: 807.6/33

In: 2.568 $\pm$ 0.157 χ^2 /NDF:567.5/23

Out: 2.964 $\pm$ 0.158 χ^2 /NDF:520.5/26

All: 2.765 $\pm$ 0.112 χ^2 /NDF: 1091.1/50

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: 11.739+/-0.337 χ^2/NDF :904.2/8

Right Out: 32.816+/-0.423 χ^2/NDF : 1659.3/17

Left In: 11.054+/-0.337 χ^2/NDF :710.5/7

Left: 11.397+/-0.238 χ^2/NDF : 1616.8/16

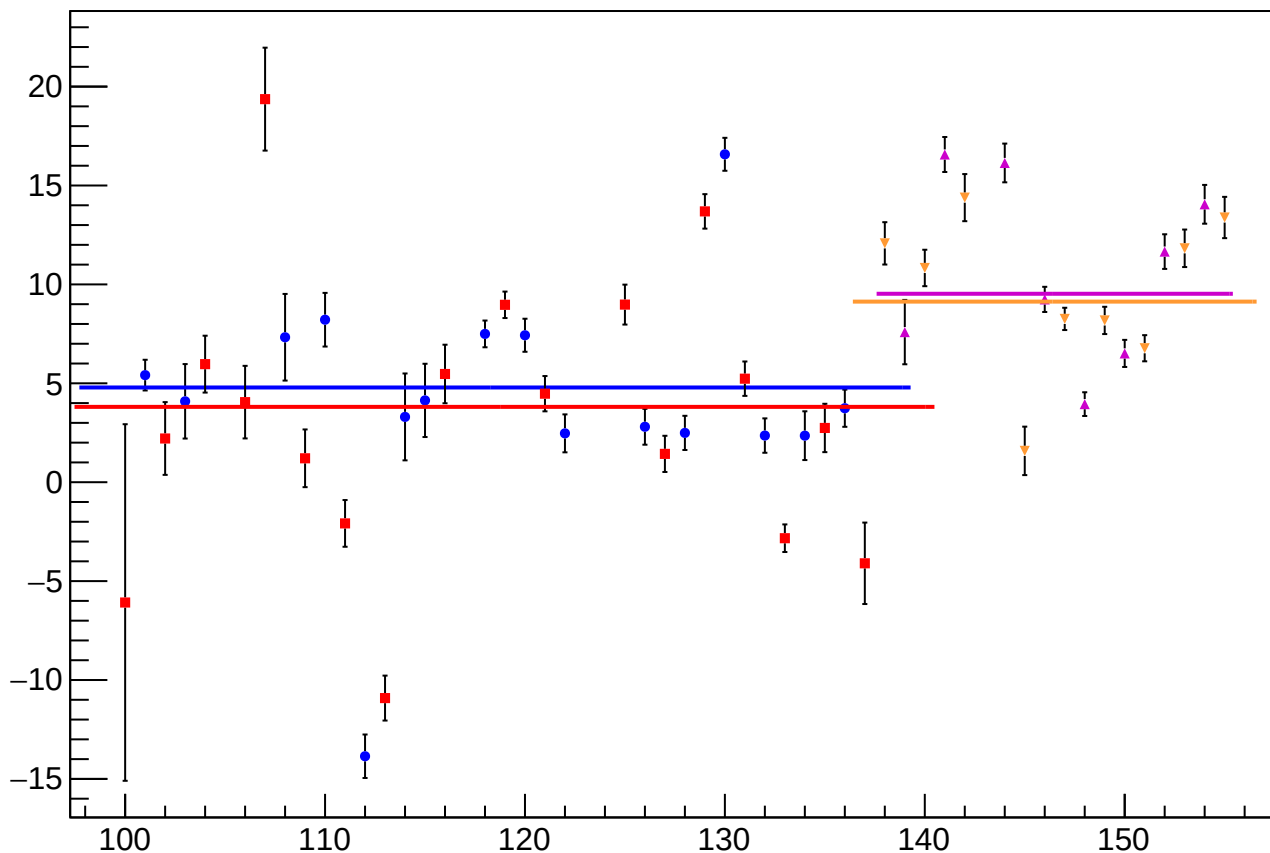
Right: 31.152+/-0.297 χ^2/NDF : 3184.7/33

In: 18.369+/-0.262 χ^2/NDF :3393.5/23

Out: 19.926+/-0.264 χ^2/NDF :4083.0/26

All: 19.144+/-0.186 χ^2/NDF : 7494.0/50

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 ± 0.251 $\chi^2/\text{NDF}: 553.9/15$

Left Out: 9.130 ± 0.277 $\chi^2/\text{NDF}: 110.1/8$

Right Out: 3.809 ± 0.259 $\chi^2/\text{NDF}: 567.6/17$

Left In: 9.527 ± 0.284 $\chi^2/\text{NDF}: 243.8/7$

Left: 9.324 ± 0.198 $\chi^2/\text{NDF}: 354.9/16$

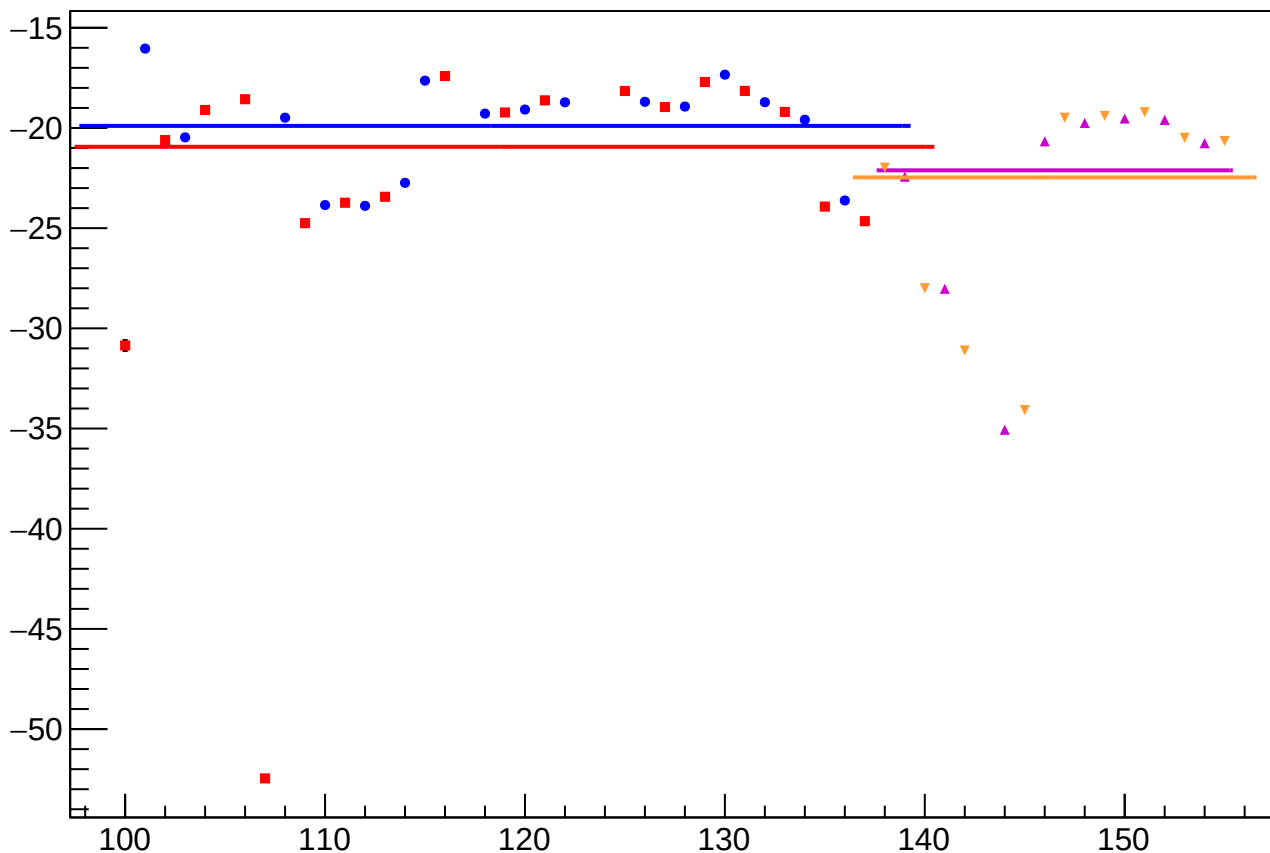
Right: 4.313 ± 0.180 $\chi^2/\text{NDF}: 1128.9/33$

In: 6.871 ± 0.188 $\chi^2/\text{NDF}: 954.0/23$

Out: 6.286 ± 0.189 $\chi^2/\text{NDF}: 874.5/26$

All: 6.581 ± 0.133 $\chi^2/\text{NDF}: 1833.3/50$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895 ± 0.016 $\chi^2/\text{NDF}: 26073.6/15$

Left Out: -22.468 ± 0.014 $\chi^2/\text{NDF}: 110414.1/8$

Right Out: -20.938 ± 0.016 $\chi^2/\text{NDF}: 94065.2/17$

Left In: -22.115 ± 0.014 $\chi^2/\text{NDF}: 91415.6/7$

Left: -22.290 ± 0.010 $\chi^2/\text{NDF}: 202154.8/16$

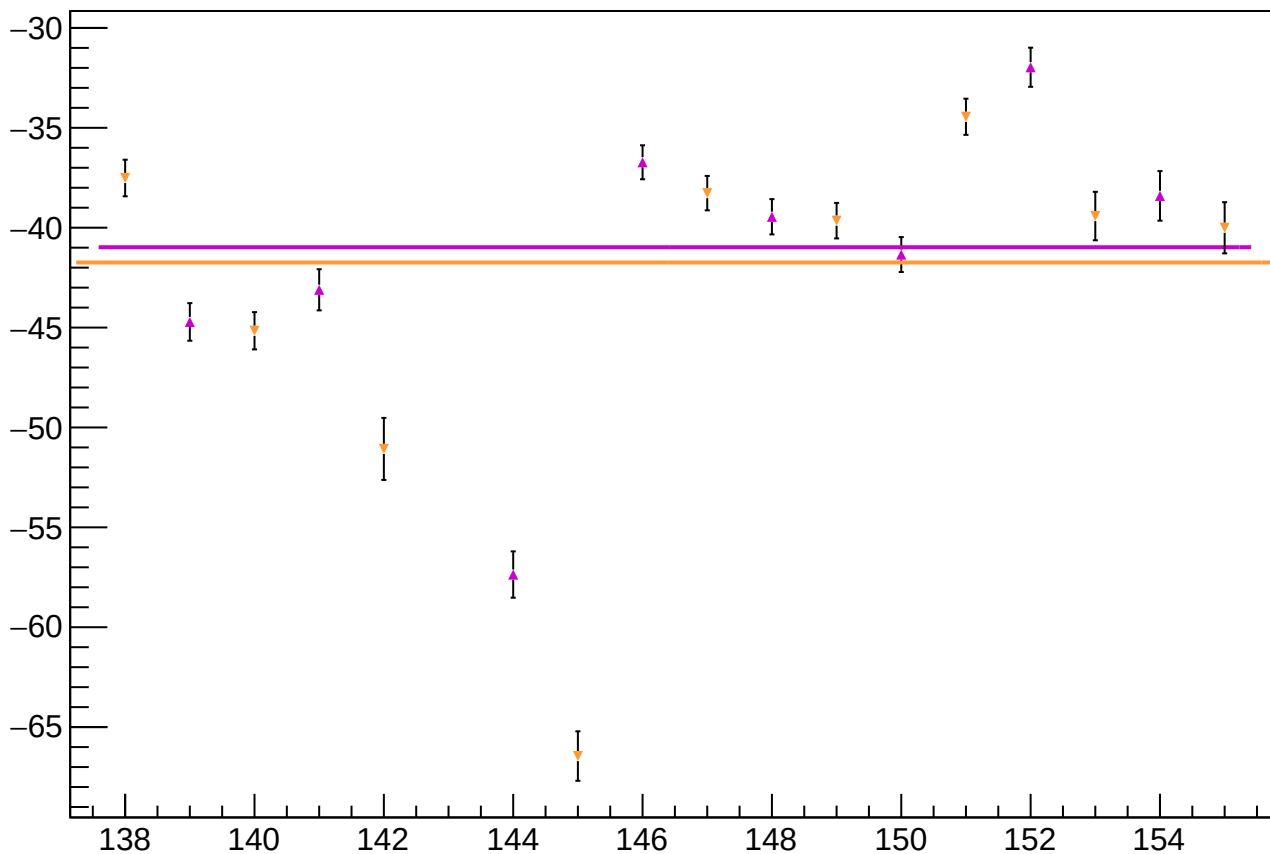
Right: -20.412 ± 0.011 $\chi^2/\text{NDF}: 122364.1/33$

In: -21.139 ± 0.010 $\chi^2/\text{NDF}: 128881.5/23$

Out: -21.796 ± 0.010 $\chi^2/\text{NDF}: 209792.1/26$

All: -21.465 ± 0.007 $\chi^2/\text{NDF}: 340680.2/50$

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: -41.740+/-0.342 χ^2/NDF :561.0/8

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

Left In: -40.978+/-0.343 χ^2/NDF :336.7/7

Left: -41.360+/-0.242 χ^2/NDF : 900.1/16

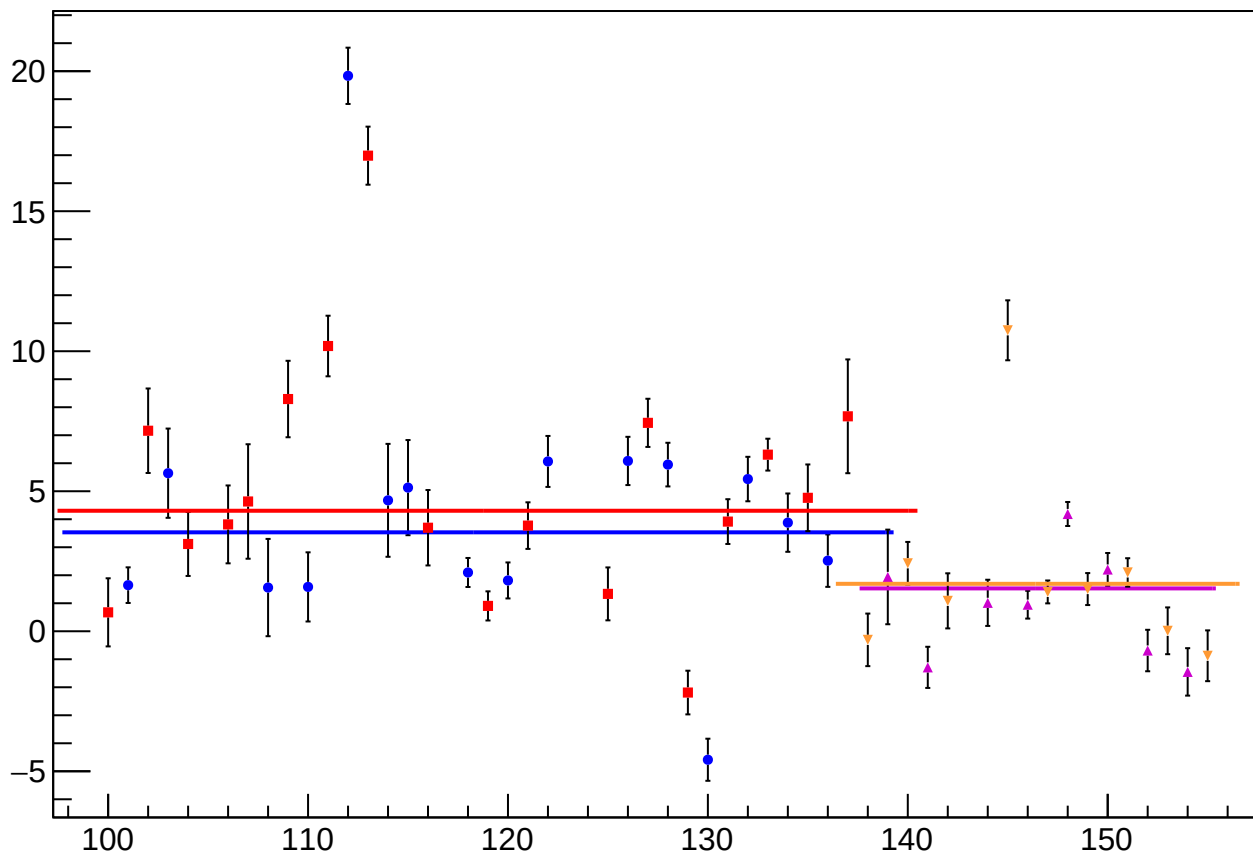
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.978+/-0.343 χ^2/NDF :336.7/7

Out: -41.740+/-0.342 χ^2/NDF :561.0/8

All: -41.360+/-0.242 χ^2/NDF : 900.1/16

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.694 ± 0.222 $\chi^2/\text{NDF}: 90.7/8$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.530 ± 0.228 $\chi^2/\text{NDF}: 77.6/7$

Left: 1.614 ± 0.159 $\chi^2/\text{NDF}: 168.6/16$

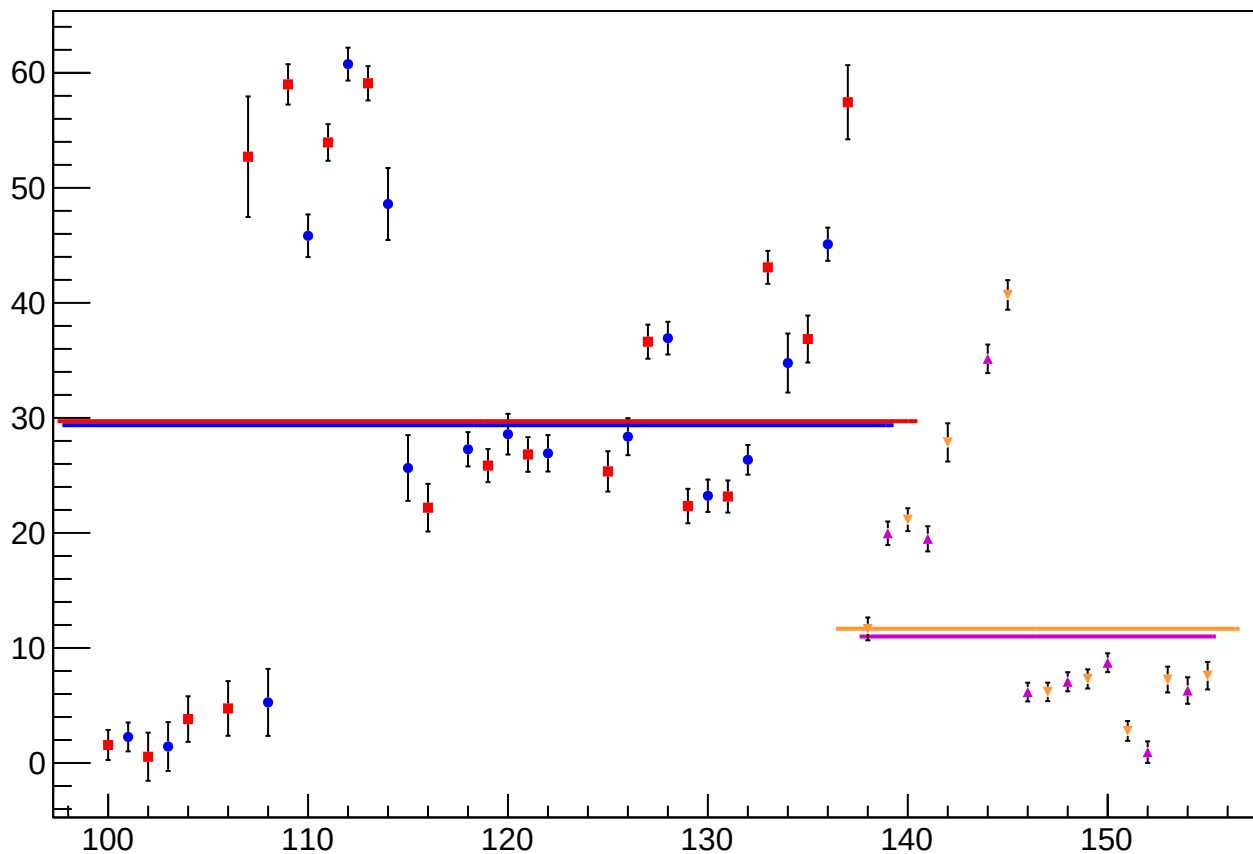
Right: 3.910 ± 0.155 $\chi^2/\text{NDF}: 802.2/33$

In: 2.579 ± 0.157 $\chi^2/\text{NDF}: 561.3/23$

Out: 2.999 ± 0.157 $\chi^2/\text{NDF}: 512.8/26$

All: 2.790 ± 0.111 $\chi^2/\text{NDF}: 1077.7/50$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 11.674 $\pm$ 0.337 χ^2 /NDF:902.6/8

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

Left In: 10.999 $\pm$ 0.337 χ^2 /NDF:713.4/7

Left: 11.337 $\pm$ 0.238 χ^2 /NDF: 1618.1/16

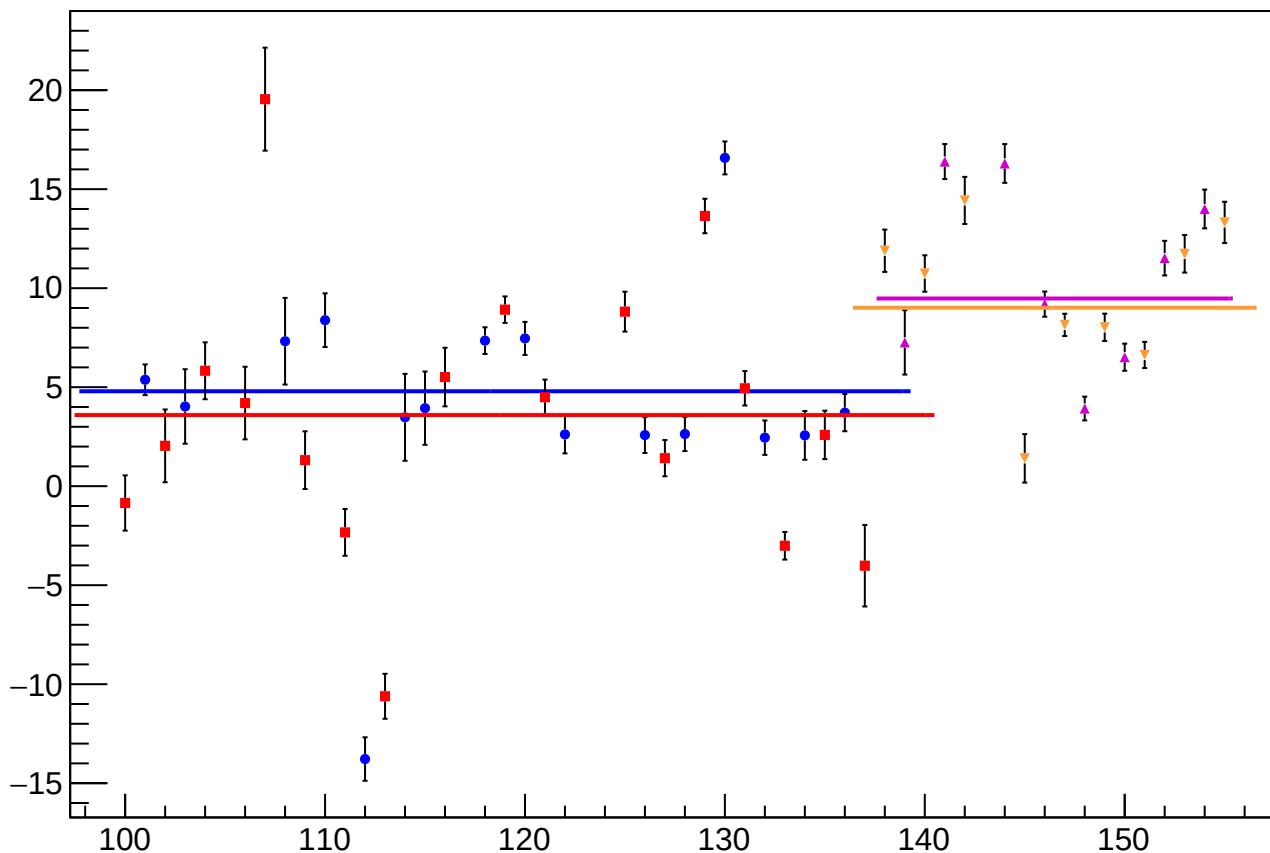
Right: 29.549 $\pm$ 0.289 χ^2 /NDF: 3618.6/33

In: 18.270 $\pm$ 0.262 χ^2 /NDF:3377.2/23

Out: 19.106 $\pm$ 0.258 χ^2 /NDF:4214.5/26

All: 18.694 $\pm$ 0.184 χ^2 /NDF: 7596.9/50

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.013 ± 0.277 $\chi^2/\text{NDF}: 112.9/8$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

Left In: 9.478 ± 0.283 $\chi^2/\text{NDF}: 243.3/7$

Left: 9.240 ± 0.198 $\chi^2/\text{NDF}: 357.6/16$

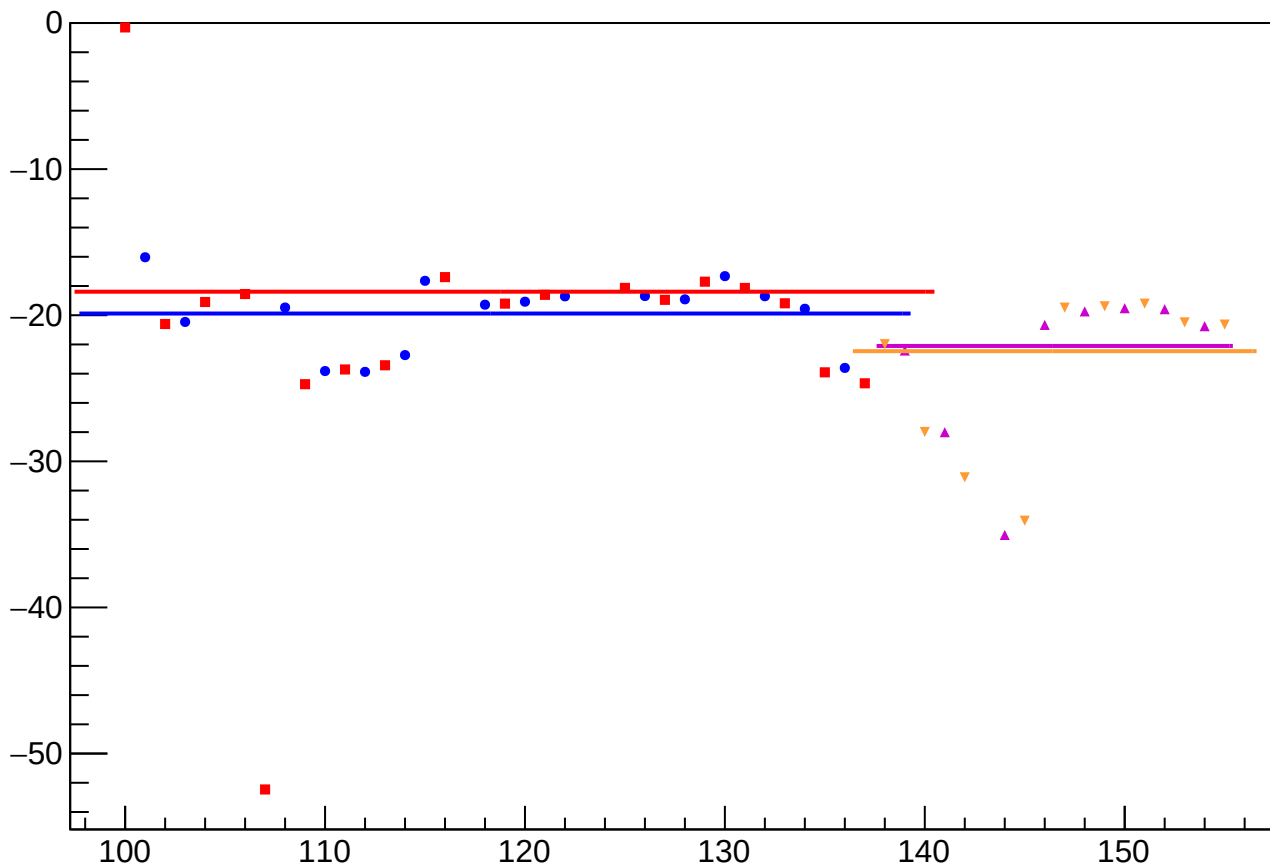
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1134.6/33$

In: 6.853 ± 0.188 $\chi^2/\text{NDF}: 946.3/23$

Out: 6.071 ± 0.187 $\chi^2/\text{NDF}: 893.9/26$

All: 6.461 ± 0.133 $\chi^2/\text{NDF}: 1848.8/50$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -22.459 ± 0.014 $\chi^2/\text{NDF}: 110478.9/8$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

Left In: -22.103 ± 0.014 $\chi^2/\text{NDF}: 91368.0/7$

Left: -22.280 ± 0.010 $\chi^2/\text{NDF}: 202178.3/16$

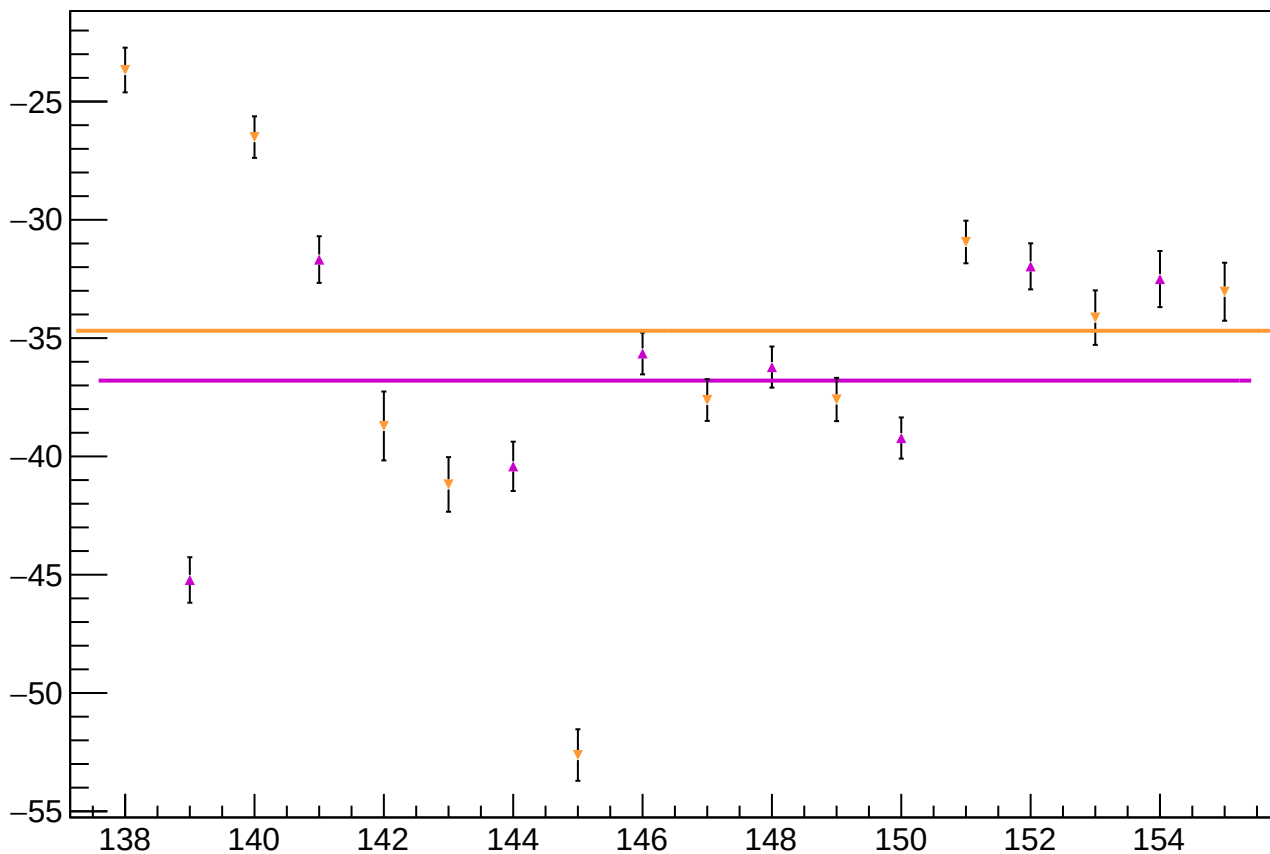
Right: -19.096 ± 0.011 $\chi^2/\text{NDF}: 332167.8/33$

In: -21.128 ± 0.010 $\chi^2/\text{NDF}: 128843.8/23$

Out: -20.544 ± 0.010 $\chi^2/\text{NDF}: 452092.4/26$

All: -20.830 ± 0.007 $\chi^2/\text{NDF}: 582567.4/50$

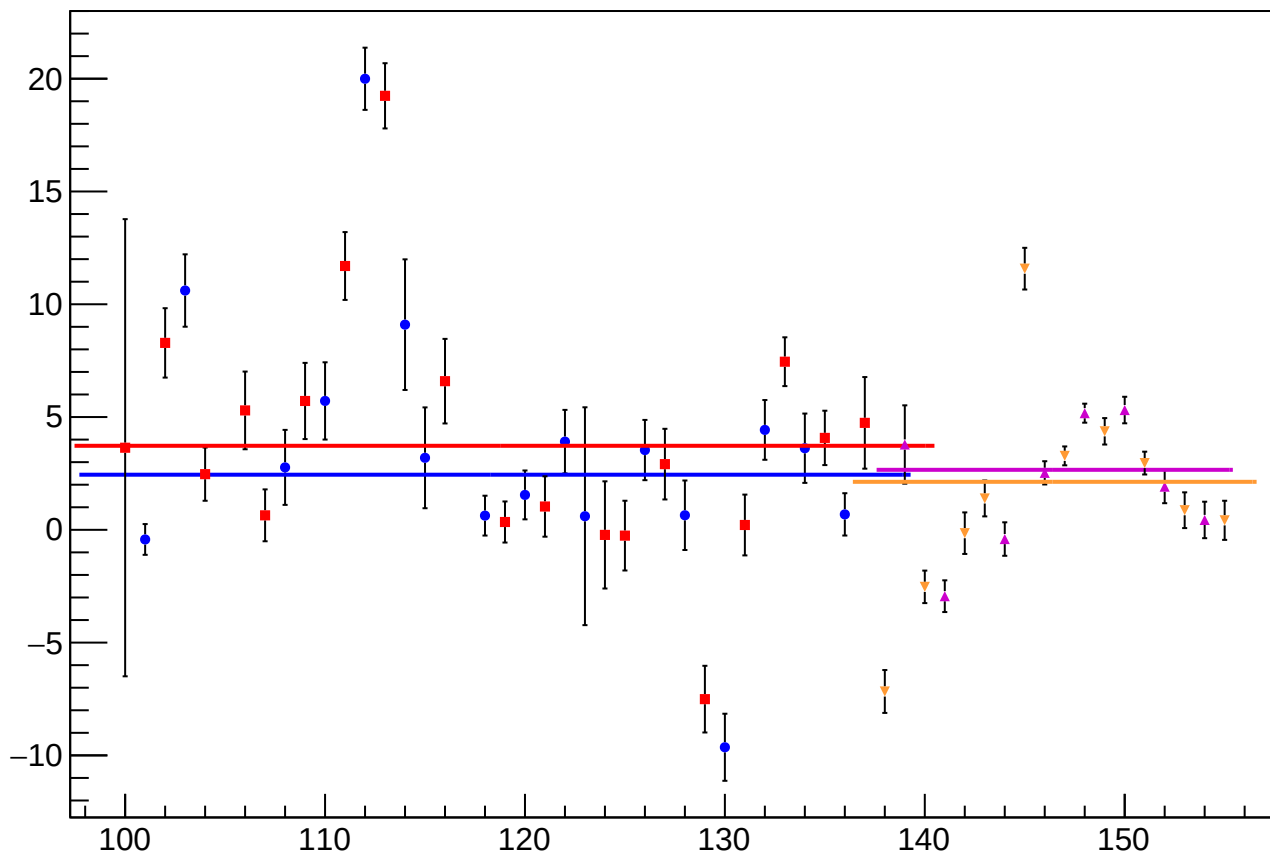
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.690+/-0.322 χ^2/NDF :573.9/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.795+/-0.339 χ^2/NDF :163.4/7

Left: -35.691+/-0.234 χ^2/NDF : 757.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.795+/-0.339 χ^2/NDF :163.4/7
 Out: -34.690+/-0.322 χ^2/NDF :573.9/9
 All: -35.691+/-0.234 χ^2/NDF : 757.6/17

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.311 χ^2 /NDF: 295.3/16

Left Out: 2.128 $\pm$ 0.211 χ^2 /NDF:280.1/9

Right Out: 3.726 $\pm$ 0.327 χ^2 /NDF: 269.1/18

Left In: 2.661 $\pm$ 0.224 χ^2 /NDF:145.5/7

Left: 2.378 $\pm$ 0.154 χ^2 /NDF: 428.6/17

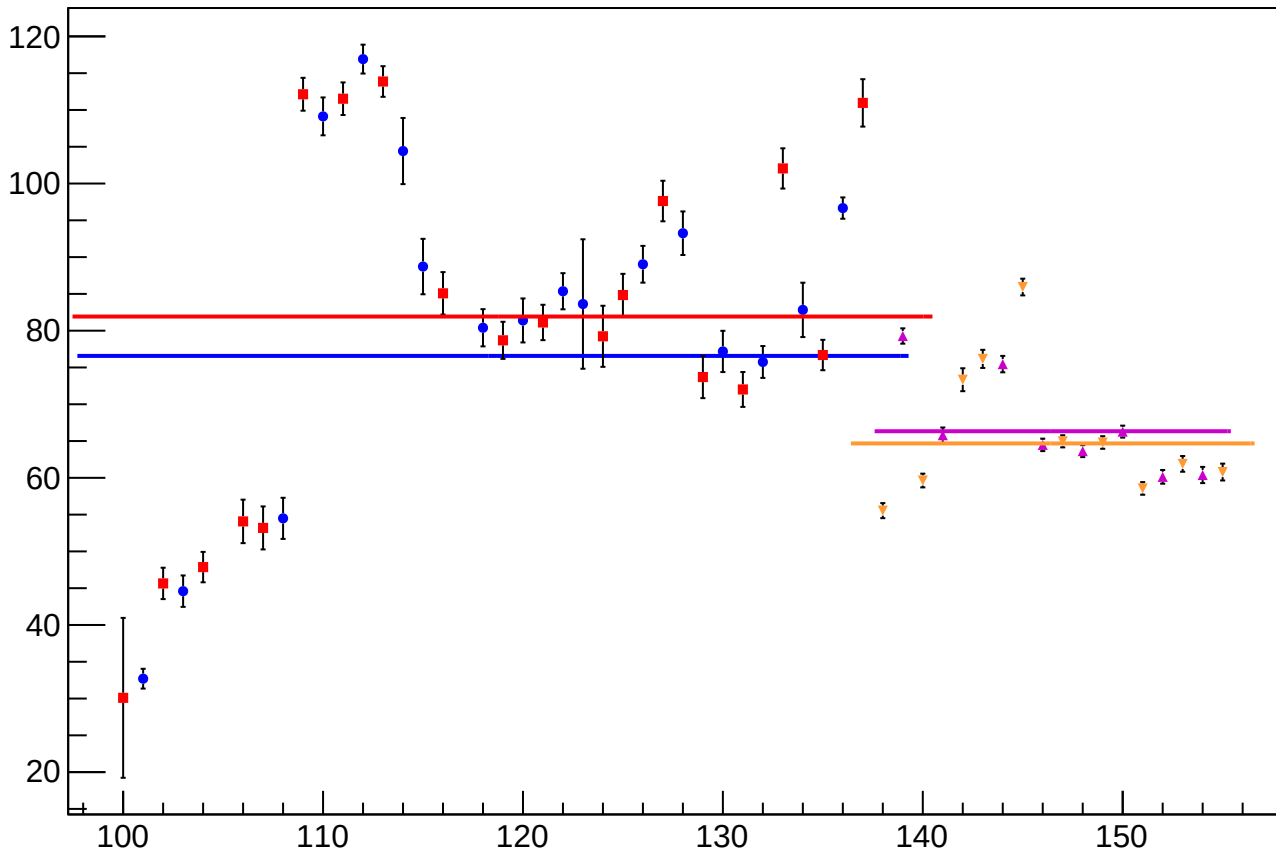
Right: 3.053 $\pm$ 0.225 χ^2 /NDF: 572.5/35

In: 2.586 $\pm$ 0.182 χ^2 /NDF:441.1/24

Out: 2.599 $\pm$ 0.177 χ^2 /NDF:566.1/28

All: 2.593 $\pm$ 0.127 χ^2 /NDF: 1007.2/53

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 64.676 $\pm$ 0.320 χ^2 /NDF: 644.9/9

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

Left In: 66.334 $\pm$ 0.333 χ^2 /NDF: 311.0/7

Left: 65.472 $\pm$ 0.231 χ^2 /NDF: 968.8/17

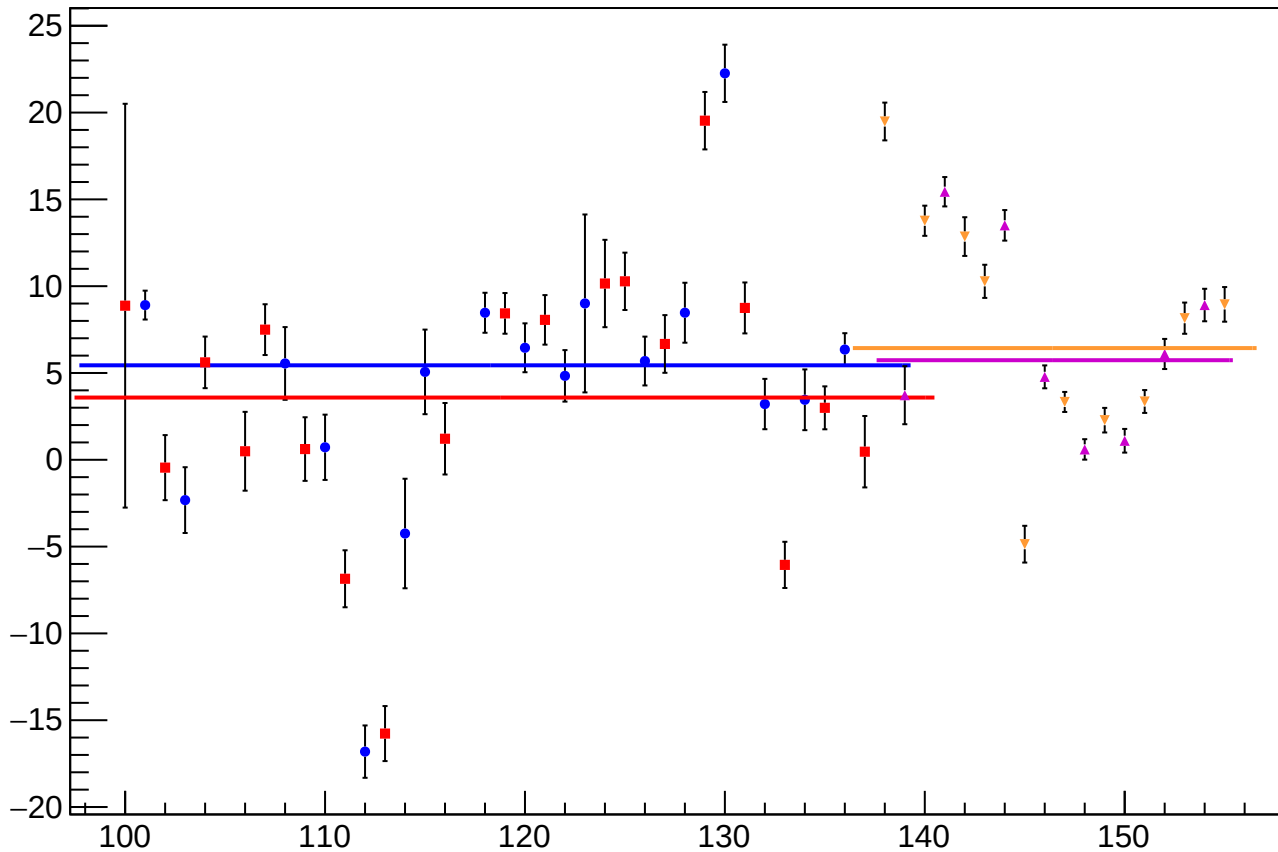
Right: 79.162 $\pm$ 0.412 χ^2 /NDF: 3866.3/35

In: 68.915 $\pm$ 0.288 χ^2 /NDF: 2803.1/24

Out: 68.574 $\pm$ 0.281 χ^2 /NDF: 2872.7/28

All: 68.740 $\pm$ 0.201 χ^2 /NDF: 5676.5/53

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 6.434 ± 0.262 $\chi^2/\text{NDF}: 473.6/9$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

Left In: 5.736 ± 0.279 $\chi^2/\text{NDF}: 347.1/7$

Left: 6.107 ± 0.191 $\chi^2/\text{NDF}: 824.1/17$

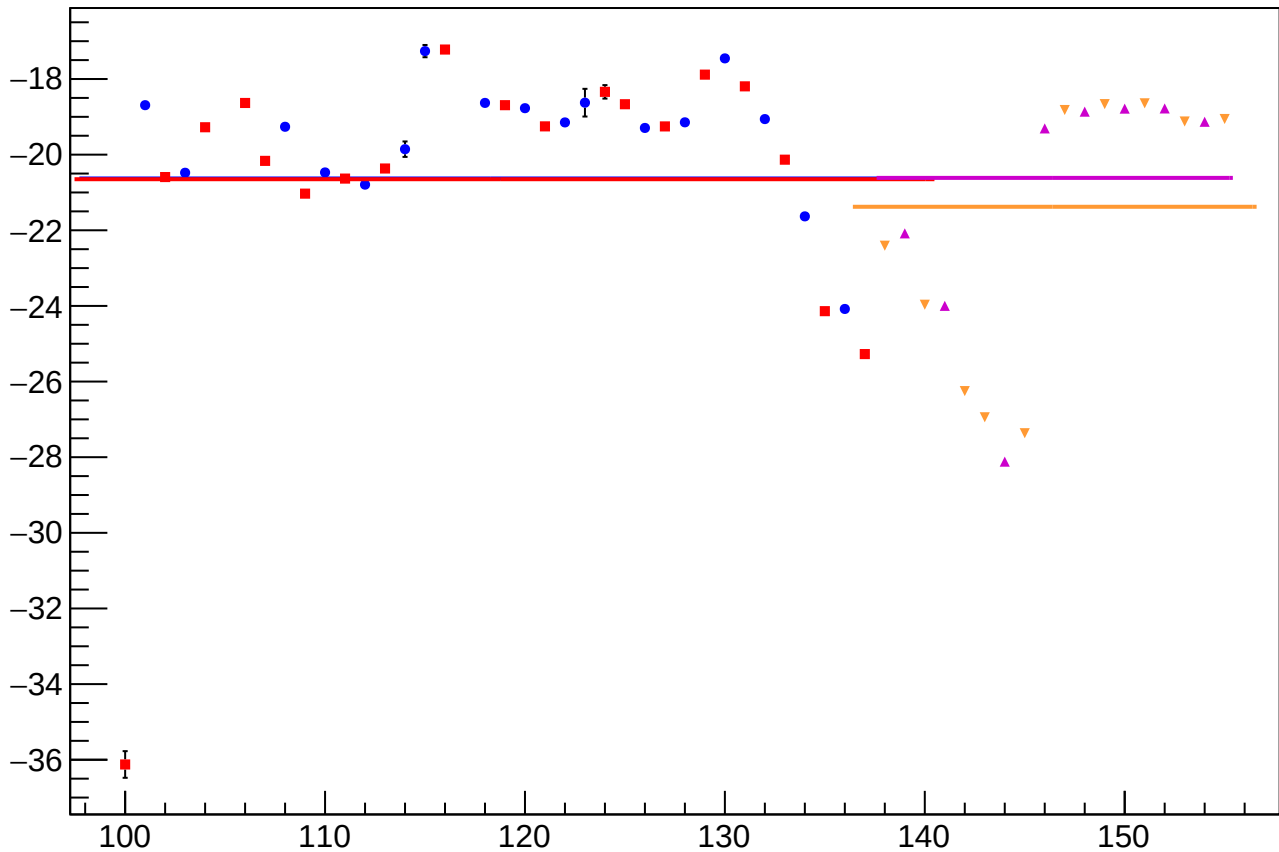
Right: 4.559 ± 0.259 $\chi^2/\text{NDF}: 823.5/35$

In: 5.625 ± 0.220 $\chi^2/\text{NDF}: 735.0/24$

Out: 5.498 ± 0.215 $\chi^2/\text{NDF}: 935.6/28$

All: 5.560 ± 0.154 $\chi^2/\text{NDF}: 1670.7/53$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630 $\pm$ 0.019 χ^2 /NDF: 12490.5/16

Left Out: -21.378 $\pm$ 0.013 χ^2 /NDF: 63172.1/9

Right Out: -20.650 $\pm$ 0.019 χ^2 /NDF: 13885.7/18

Left In: -20.614 $\pm$ 0.014 χ^2 /NDF: 41957.5/7

Left: -21.010 $\pm$ 0.009 χ^2 /NDF: 106764.0/17

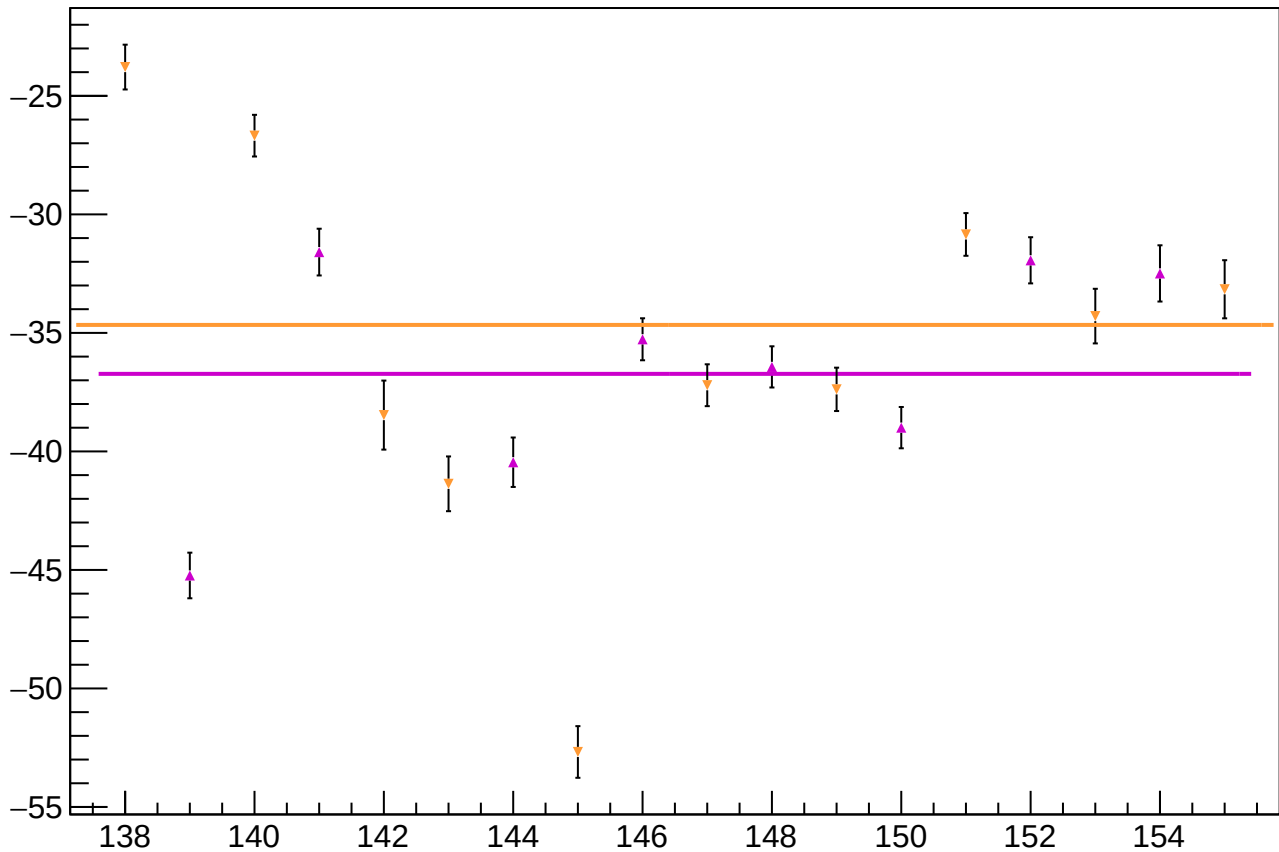
Right: -20.640 $\pm$ 0.014 χ^2 /NDF: 26376.6/35

In: -20.620 $\pm$ 0.011 χ^2 /NDF: 54448.5/24

Out: -21.150 $\pm$ 0.011 χ^2 /NDF: 78023.4/28

All: -20.890 $\pm$ 0.008 χ^2 /NDF: 133634.9/53

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.663+/-0.323 χ^2/NDF :565.6/9

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

Left In: -36.728+/-0.339 χ^2/NDF :164.6/7

Left: -35.645+/-0.234 χ^2/NDF : 749.6/17

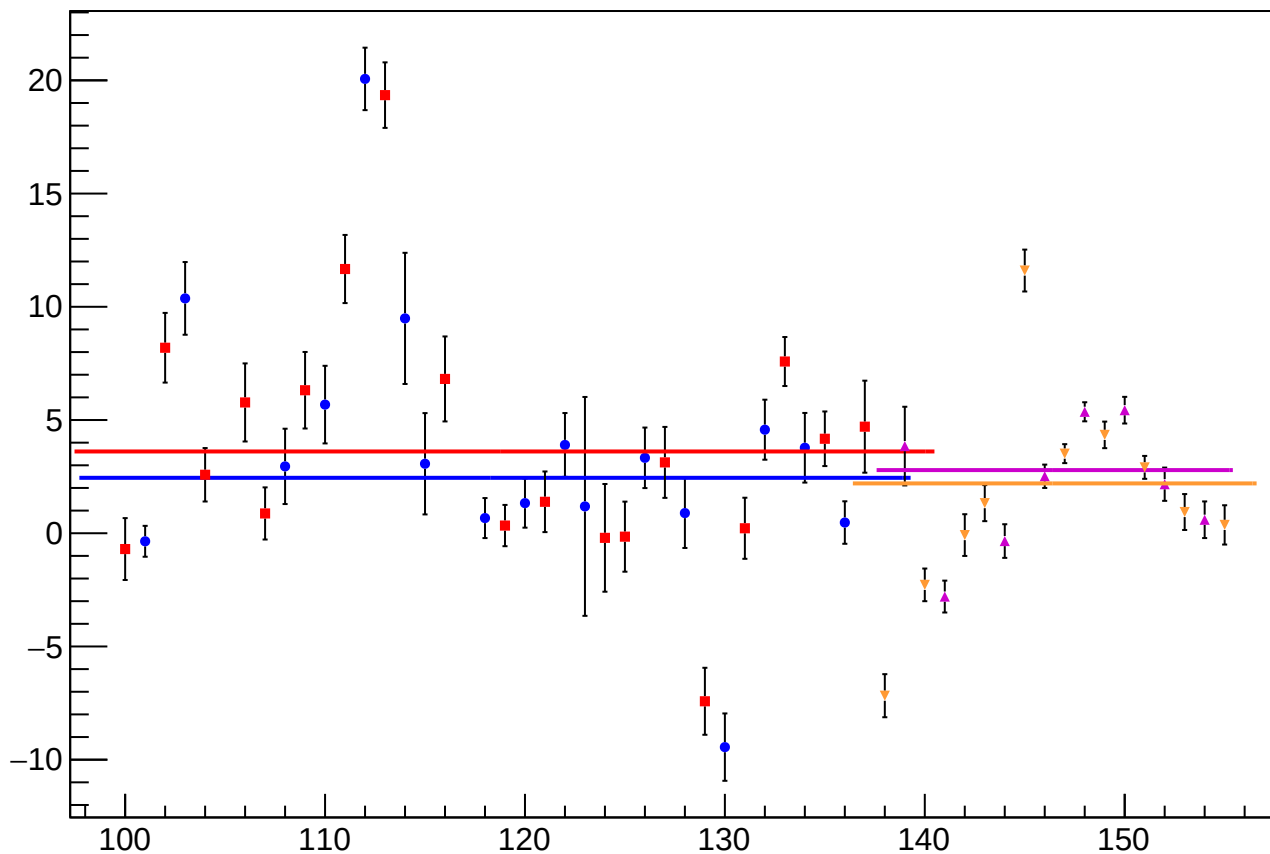
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.728+/-0.339 χ^2/NDF :164.6/7

Out: -34.663+/-0.323 χ^2/NDF :565.6/9

All: -35.645+/-0.234 χ^2/NDF : 749.6/17

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 $\pm$ 0.311 χ^2 /NDF: 293.4/16

Left Out: 2.200 $\pm$ 0.211 χ^2 /NDF: 278.6/9

Right Out: 3.611 $\pm$ 0.318 χ^2 /NDF: 279.4/18

Left In: 2.789 $\pm$ 0.225 χ^2 /NDF: 147.0/7

Left: 2.477 $\pm$ 0.154 χ^2 /NDF: 429.3/17

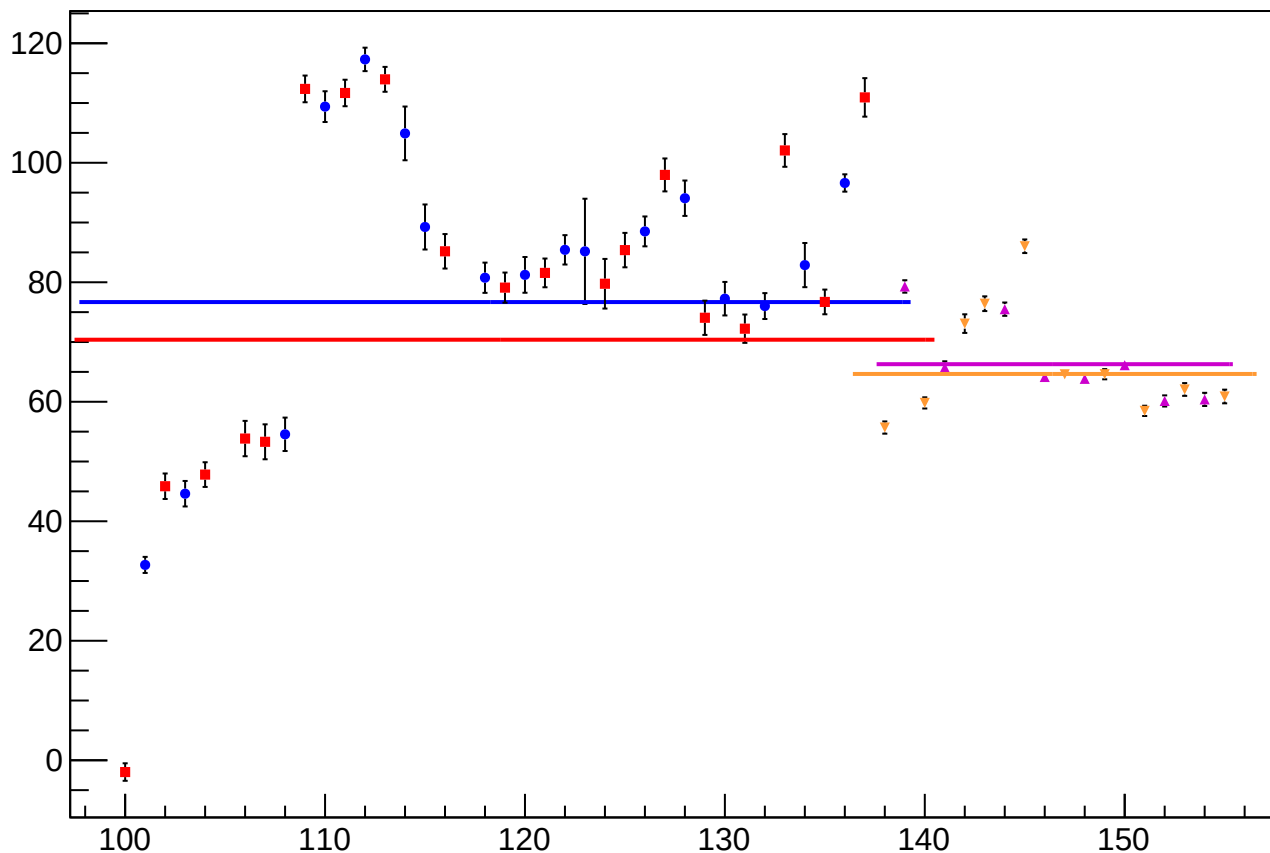
Right: 3.017 $\pm$ 0.223 χ^2 /NDF: 579.6/35

In: 2.672 $\pm$ 0.182 χ^2 /NDF: 441.2/24

Out: 2.632 $\pm$ 0.176 χ^2 /NDF: 571.6/28

All: 2.651 $\pm$ 0.127 χ^2 /NDF: 1012.9/53

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 64.654 $\pm$ 0.320 χ^2 /NDF: 644.7/9

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

Left In: 66.291 $\pm$ 0.333 χ^2 /NDF: 311.9/7

Left: 65.440 $\pm$ 0.231 χ^2 /NDF: 969.2/17

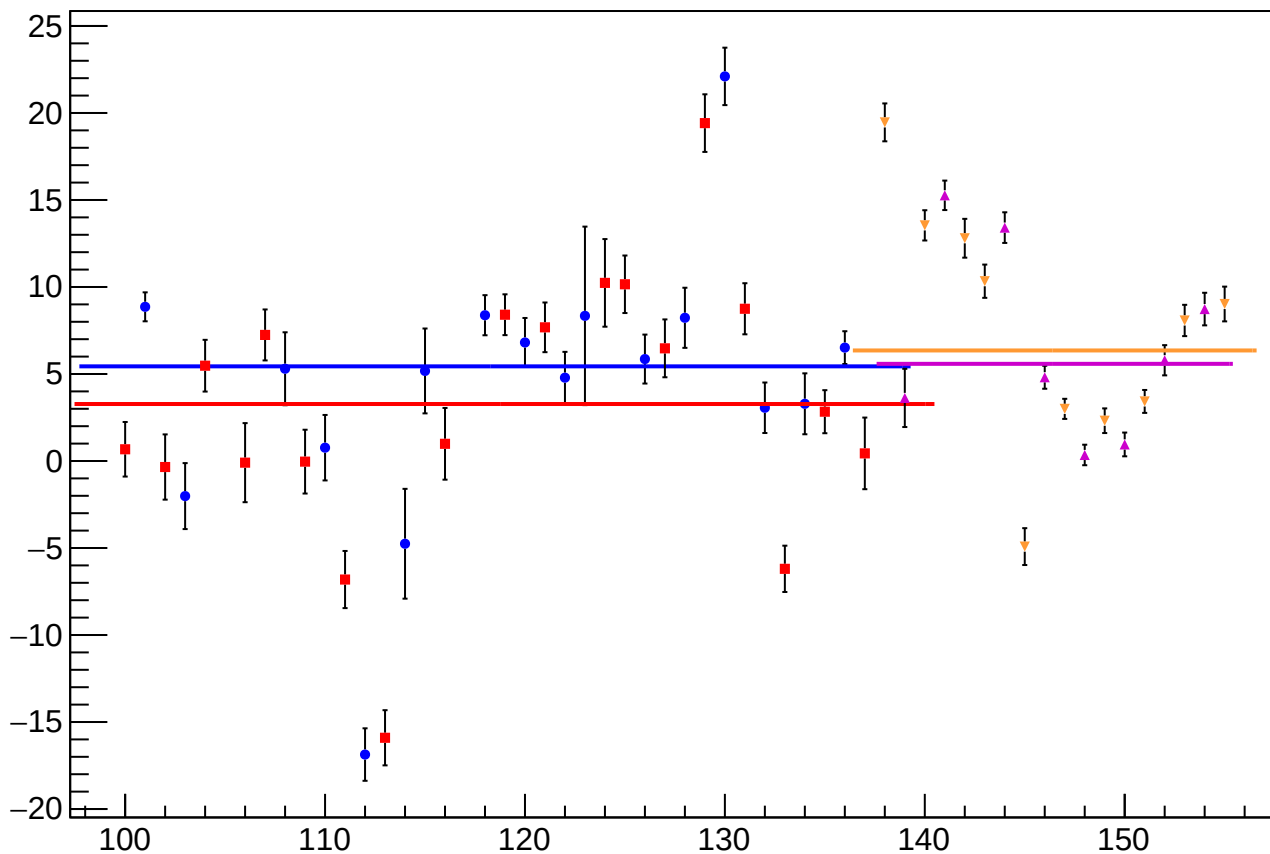
Right: 73.402 $\pm$ 0.397 χ^2 /NDF: 6719.1/35

In: 68.912 $\pm$ 0.288 χ^2 /NDF: 2822.7/24

Out: 66.105 $\pm$ 0.277 χ^2 /NDF: 5117.0/28

All: 67.452 $\pm$ 0.199 χ^2 /NDF: 7989.1/53

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 6.353 ± 0.263 $\chi^2/\text{NDF}: 474.2/9$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

Left In: 5.583 ± 0.279 $\chi^2/\text{NDF}: 349.0/7$

Left: 5.992 ± 0.191 $\chi^2/\text{NDF}: 827.2/17$

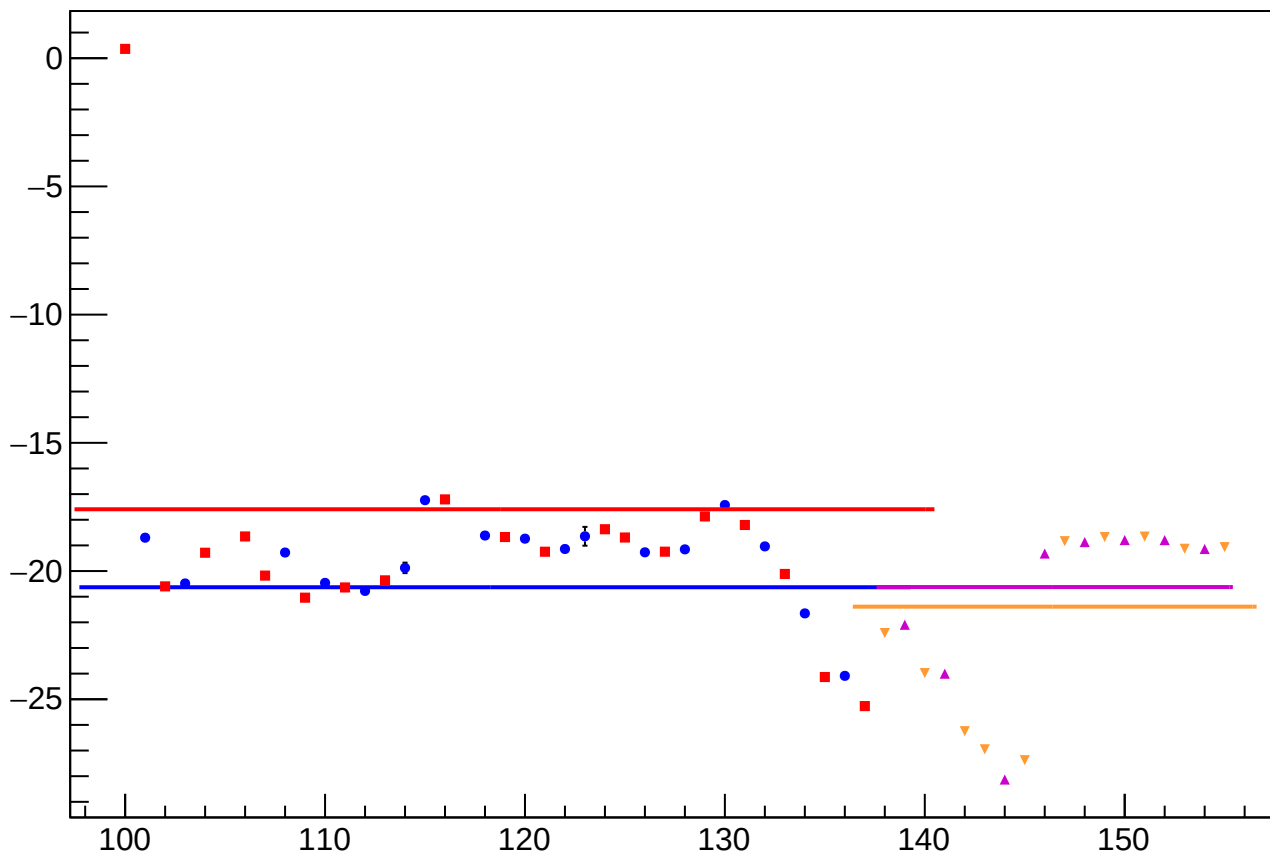
Right: 4.381 ± 0.256 $\chi^2/\text{NDF}: 829.6/35$

In: 5.529 ± 0.220 $\chi^2/\text{NDF}: 735.0/24$

Out: 5.304 ± 0.213 $\chi^2/\text{NDF}: 946.8/28$

All: 5.413 ± 0.153 $\chi^2/\text{NDF}: 1682.3/53$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -21.388 ± 0.013 $\chi^2/\text{NDF}: 63026.4/9$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

Left In: -20.624 ± 0.014 $\chi^2/\text{NDF}: 41913.2/7$

Left: -21.020 ± 0.009 $\chi^2/\text{NDF}: 106572.6/17$

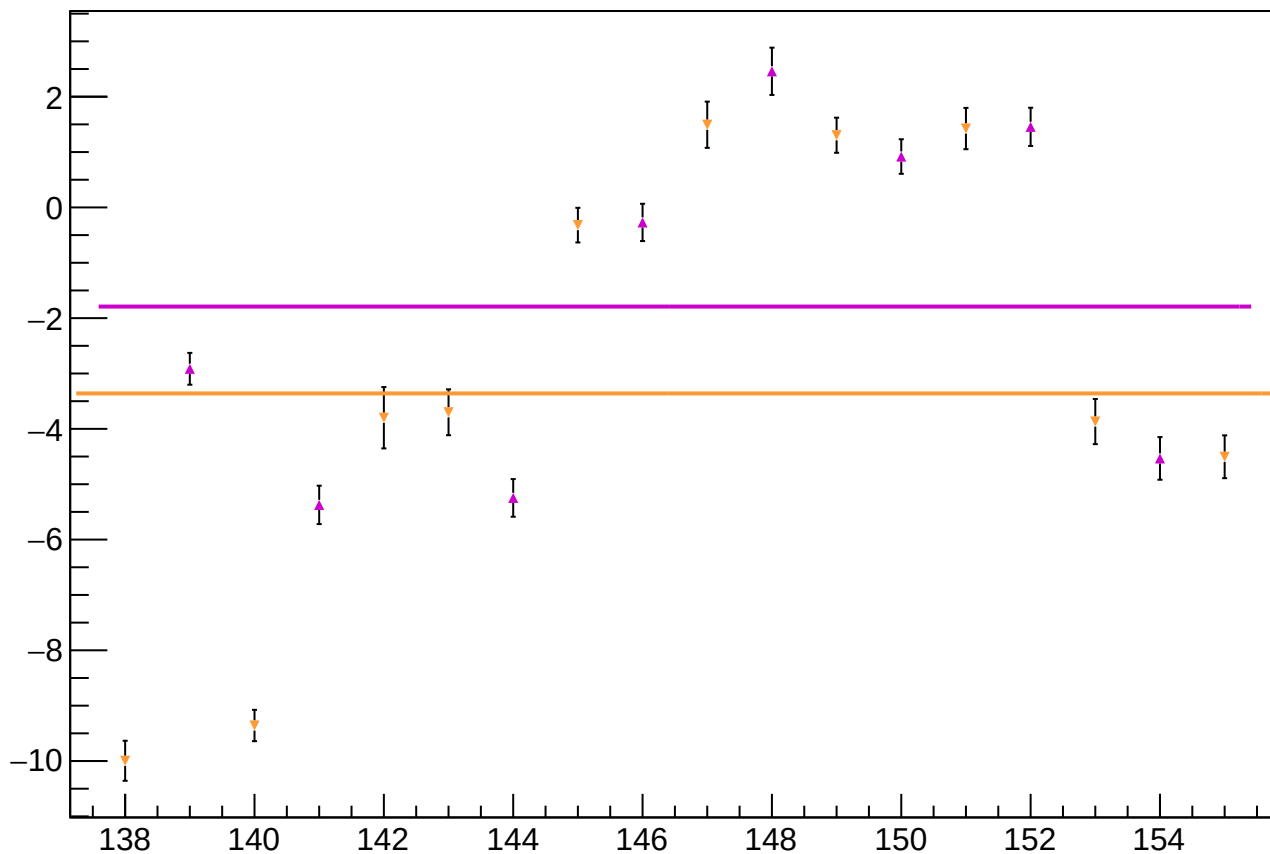
Right: -19.007 ± 0.013 $\chi^2/\text{NDF}: 204486.4/35$

In: -20.627 ± 0.011 $\chi^2/\text{NDF}: 54444.1/24$

Out: -20.070 ± 0.011 $\chi^2/\text{NDF}: 270724.3/28$

All: -20.336 ± 0.008 $\chi^2/\text{NDF}: 326479.3/53$

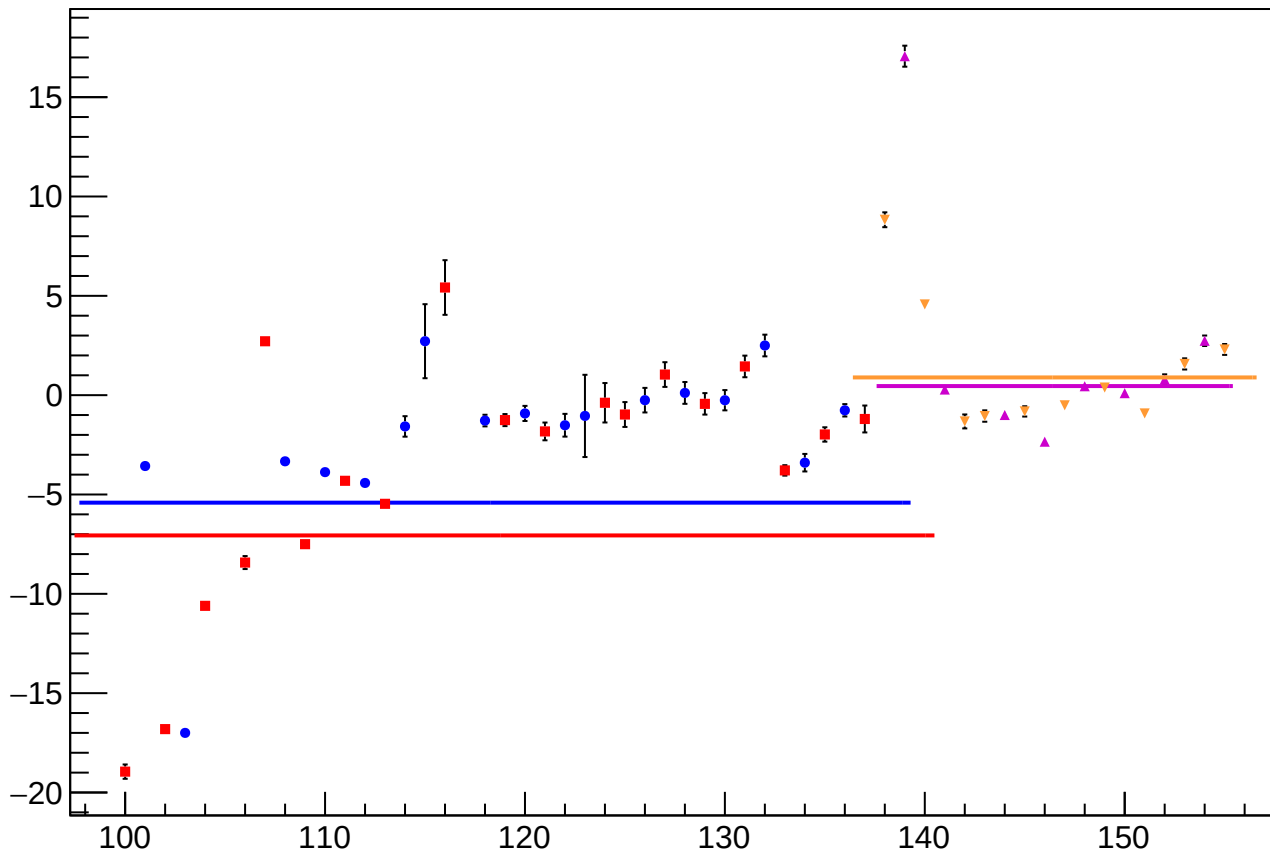
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.360+/-0.115 χ^2/NDF :1408.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.791+/-0.121 χ^2/NDF :559.0/7

Left: -2.609+/-0.083 χ^2/NDF : 2055.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.791+/-0.121 χ^2/NDF :559.0/7
 Out: -3.360+/-0.115 χ^2/NDF :1408.4/9
 All: -2.609+/-0.083 χ^2/NDF : 2055.7/17

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 0.892 ± 0.080 χ^2/NDF : 976.7/9

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

Left In: 0.458 ± 0.087 χ^2/NDF : 1272.6/7

Left: 0.692 ± 0.059 χ^2/NDF : 2262.7/17

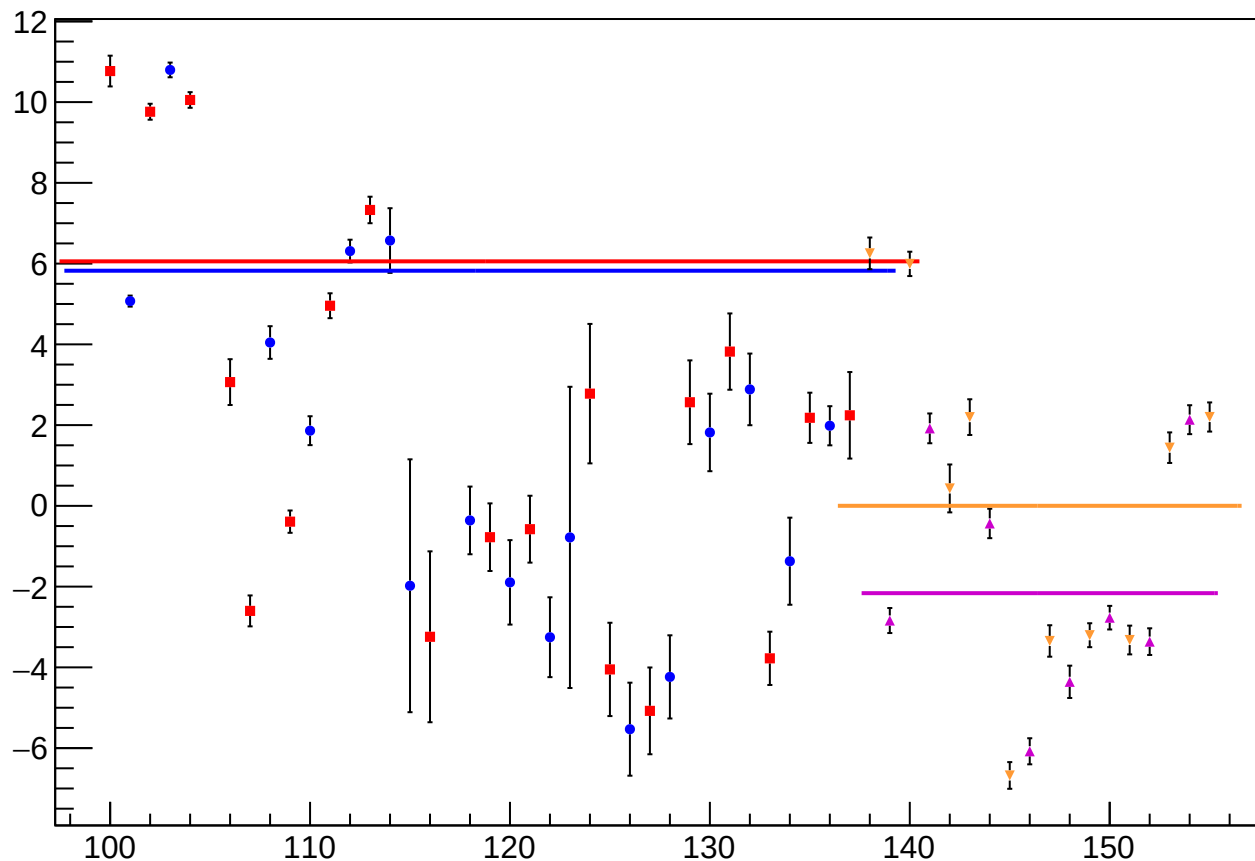
Right: -6.173 ± 0.040 χ^2/NDF : 22010.3/35

In: -3.745 ± 0.046 χ^2/NDF : 13796.9/24

Out: -4.269 ± 0.048 χ^2/NDF : 19674.8/28

All: -4.000 ± 0.033 χ^2/NDF : 33533.9/53

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824 ± 0.090 $\chi^2/\text{NDF}: 1452.6/16$

Left Out: 0.001 ± 0.115 $\chi^2/\text{NDF}: 1411.9/9$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

Left In: -2.162 ± 0.120 $\chi^2/\text{NDF}: 488.2/7$

Left: -1.041 ± 0.083 $\chi^2/\text{NDF}: 2069.4/17$

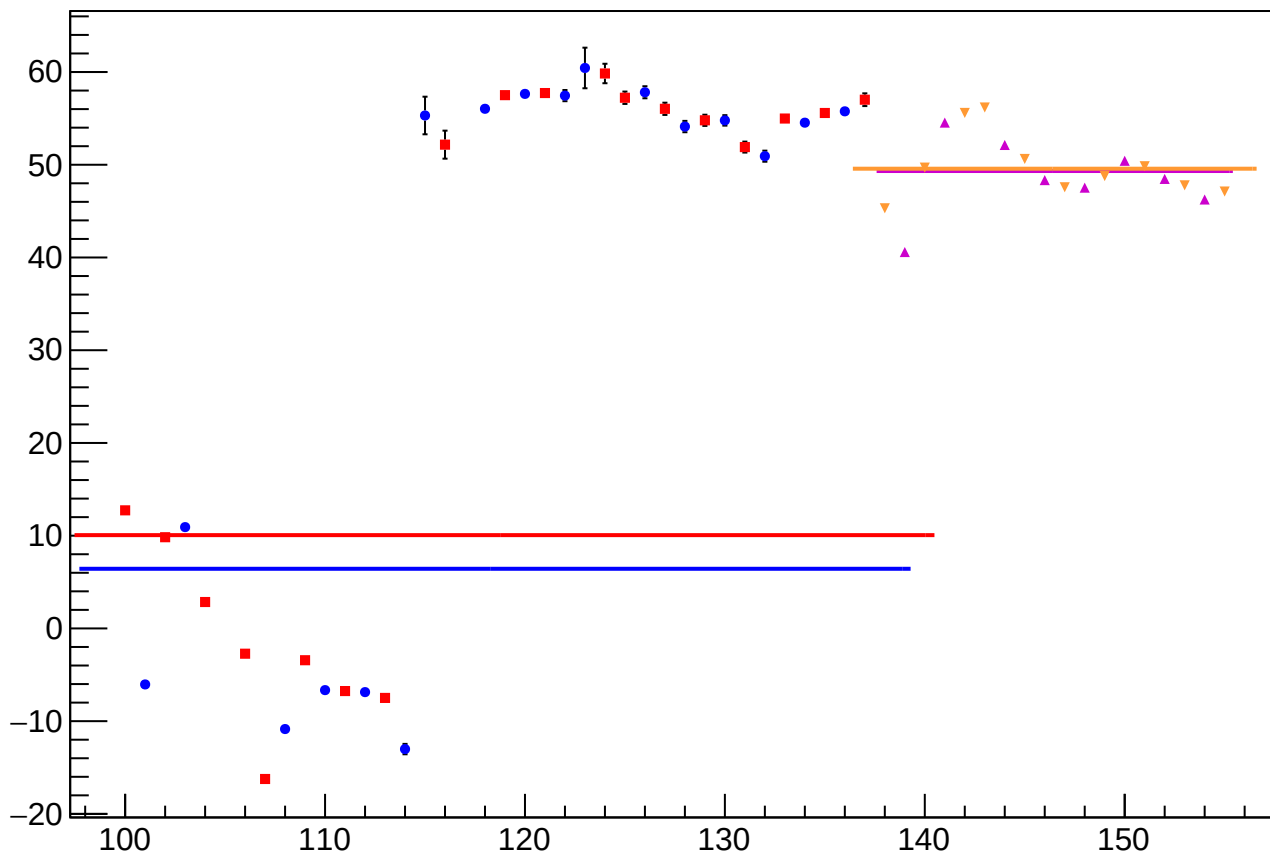
Right: 5.935 ± 0.065 $\chi^2/\text{NDF}: 4124.7/35$

In: 2.957 ± 0.072 $\chi^2/\text{NDF}: 4793.8/24$

Out: 3.662 ± 0.073 $\chi^2/\text{NDF}: 5745.6/28$

All: 3.305 ± 0.051 $\chi^2/\text{NDF}: 10587.1/53$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432 ± 0.065 $\chi^2/\text{NDF}: 123486.3/16$

Left Out: 49.574 ± 0.097 $\chi^2/\text{NDF}: 840.2/9$

Right Out: 10.060 ± 0.070 $\chi^2/\text{NDF}: 121816.0/18$

Left In: 49.325 ± 0.105 $\chi^2/\text{NDF}: 875.0/7$

Left: 49.459 ± 0.071 $\chi^2/\text{NDF}: 1718.2/17$

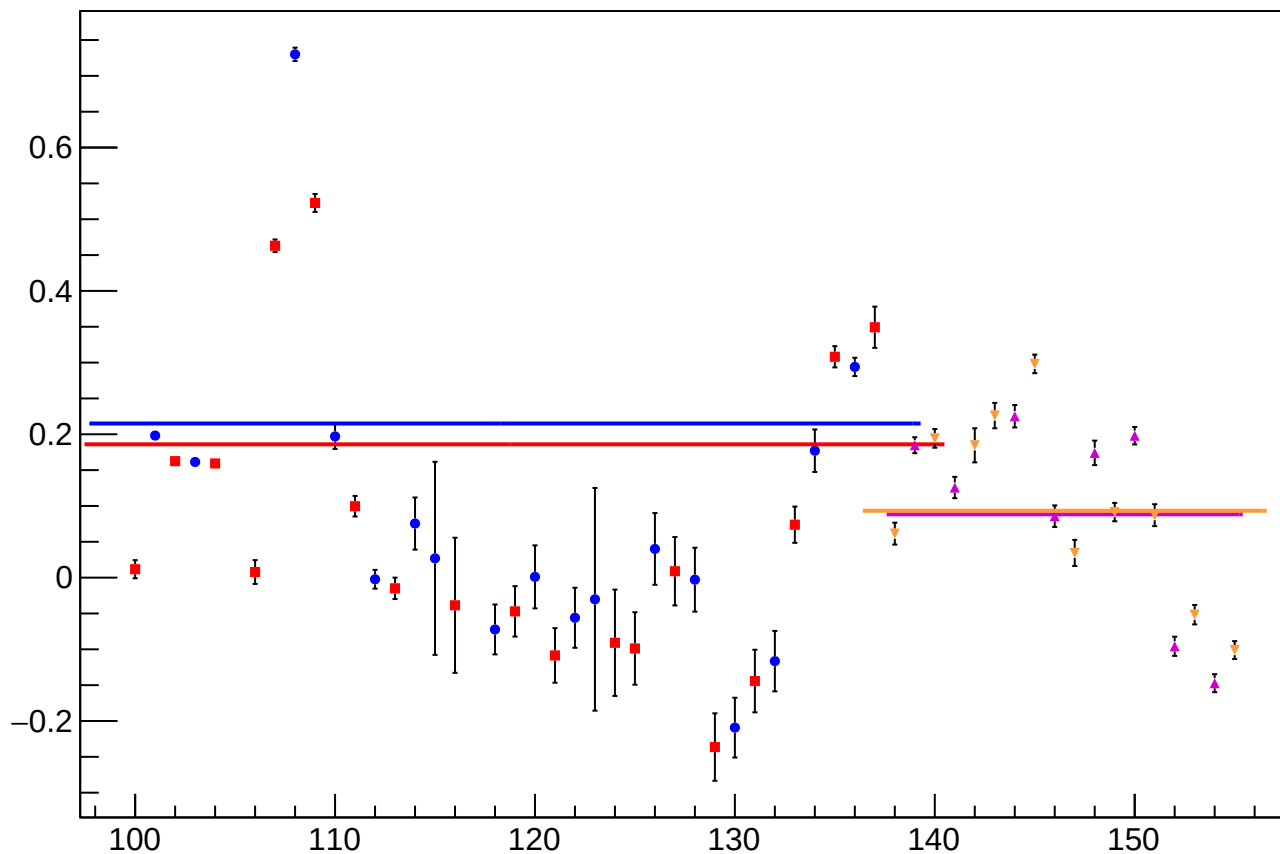
Right: 8.110 ± 0.047 $\chi^2/\text{NDF}: 246756.9/35$

In: 18.272 ± 0.055 $\chi^2/\text{NDF}: 245677.0/24$

Out: 23.453 ± 0.057 $\chi^2/\text{NDF}: 231459.3/28$

All: 20.786 ± 0.039 $\chi^2/\text{NDF}: 481434.7/53$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.093 $\pm$ 0.005 χ^2 /NDF: 755.4/9

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

Left In: 0.088 $\pm$ 0.005 χ^2 /NDF: 804.1/7

Left: 0.091 $\pm$ 0.003 χ^2 /NDF: 1560.1/17

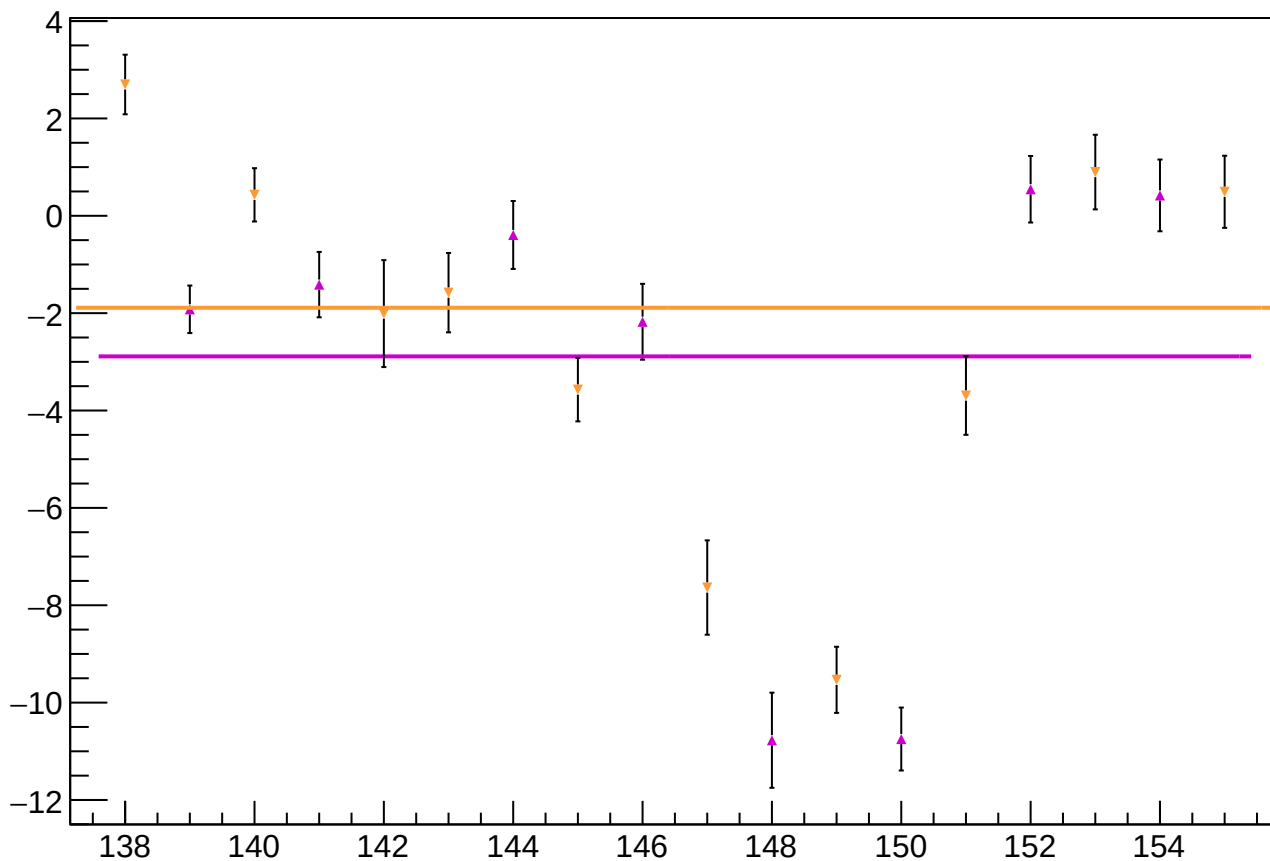
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6707.1/35

In: 0.184 $\pm$ 0.002 χ^2 /NDF: 5254.5/24

Out: 0.163 $\pm$ 0.002 χ^2 /NDF: 3774.2/28

All: 0.173 $\pm$ 0.002 χ^2 /NDF: 9067.5/53

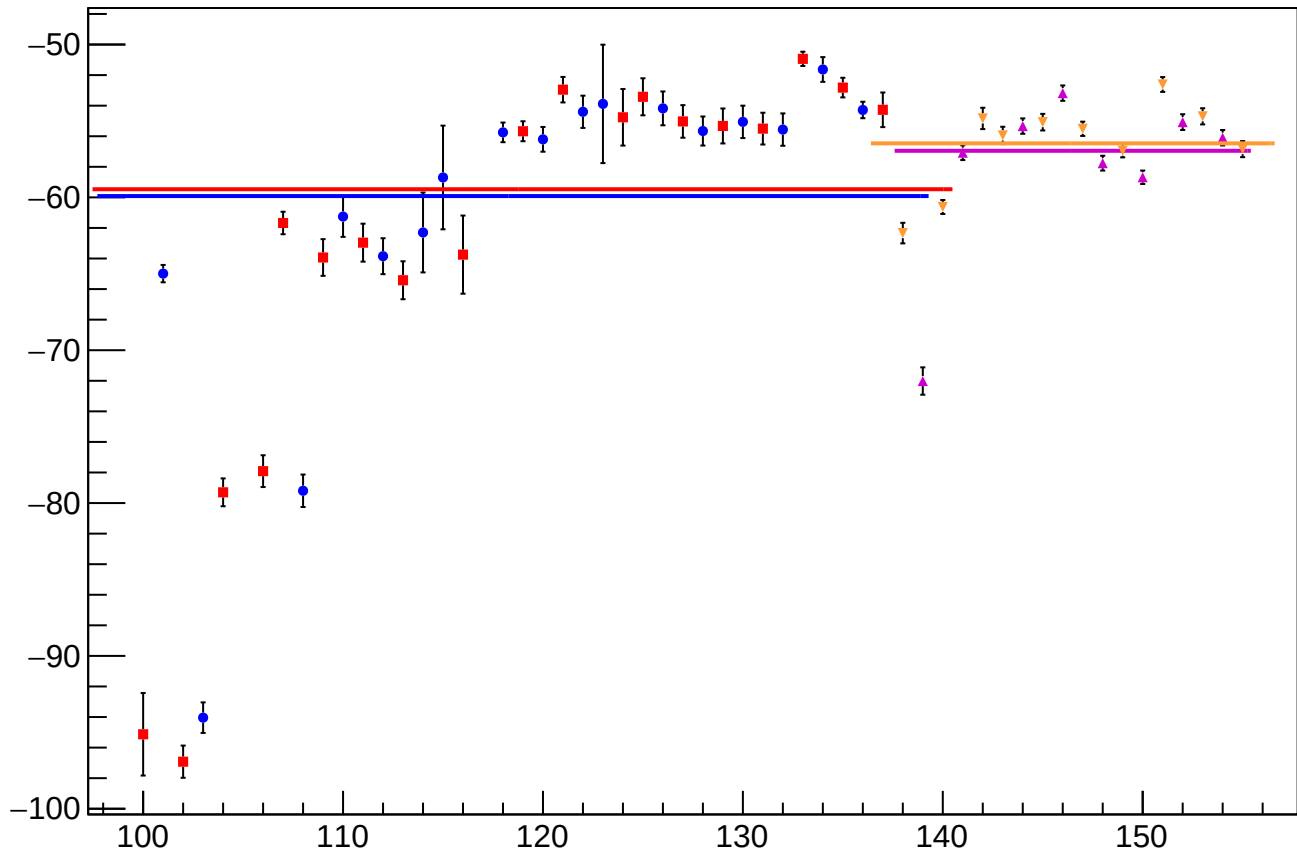
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.889+/-0.230 χ^2/NDF :271.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.888+/-0.239 χ^2/NDF :280.7/7

Left: -2.369+/-0.165 χ^2/NDF : 561.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.888+/-0.239 χ^2/NDF :280.7/7
 Out: -1.889+/-0.230 χ^2/NDF :271.3/9
 All: -2.369+/-0.165 χ^2/NDF : 561.1/17

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: -56.466 ± 0.165 χ^2/NDF : 251.6/9

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

Left In: -56.951 ± 0.181 χ^2/NDF : 384.4/7

Left: -56.686 ± 0.122 χ^2/NDF : 640.0/17

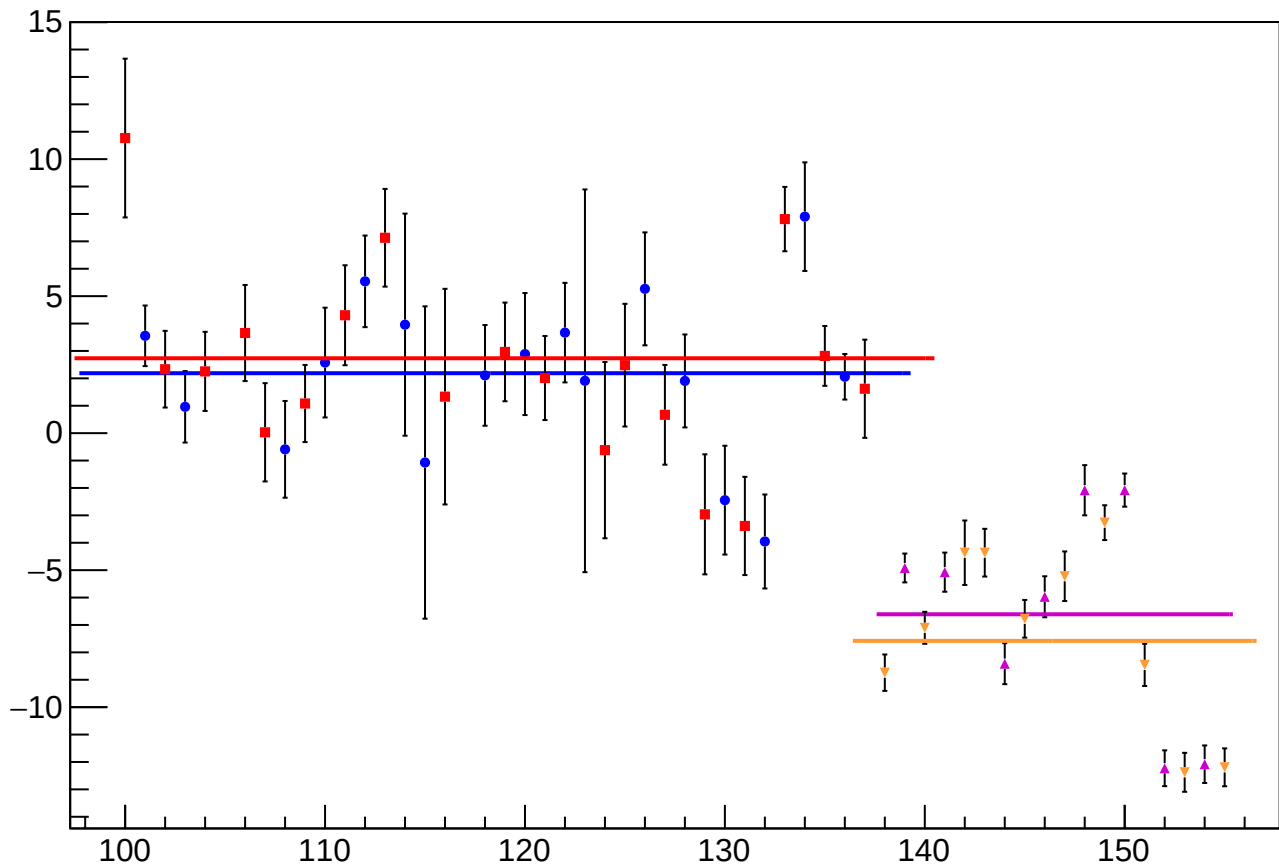
Right: -59.680 ± 0.154 χ^2/NDF : 4894.3/35

In: -58.128 ± 0.141 χ^2/NDF : 2470.3/24

Out: -57.599 ± 0.130 χ^2/NDF : 3289.1/28

All: -57.843 ± 0.096 χ^2/NDF : 5767.0/53

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.581 ± 0.231 $\chi^2/\text{NDF}: 170.5/9$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

Left In: -6.610 ± 0.239 $\chi^2/\text{NDF}: 239.7/7$

Left: -7.112 ± 0.166 $\chi^2/\text{NDF}: 418.8/17$

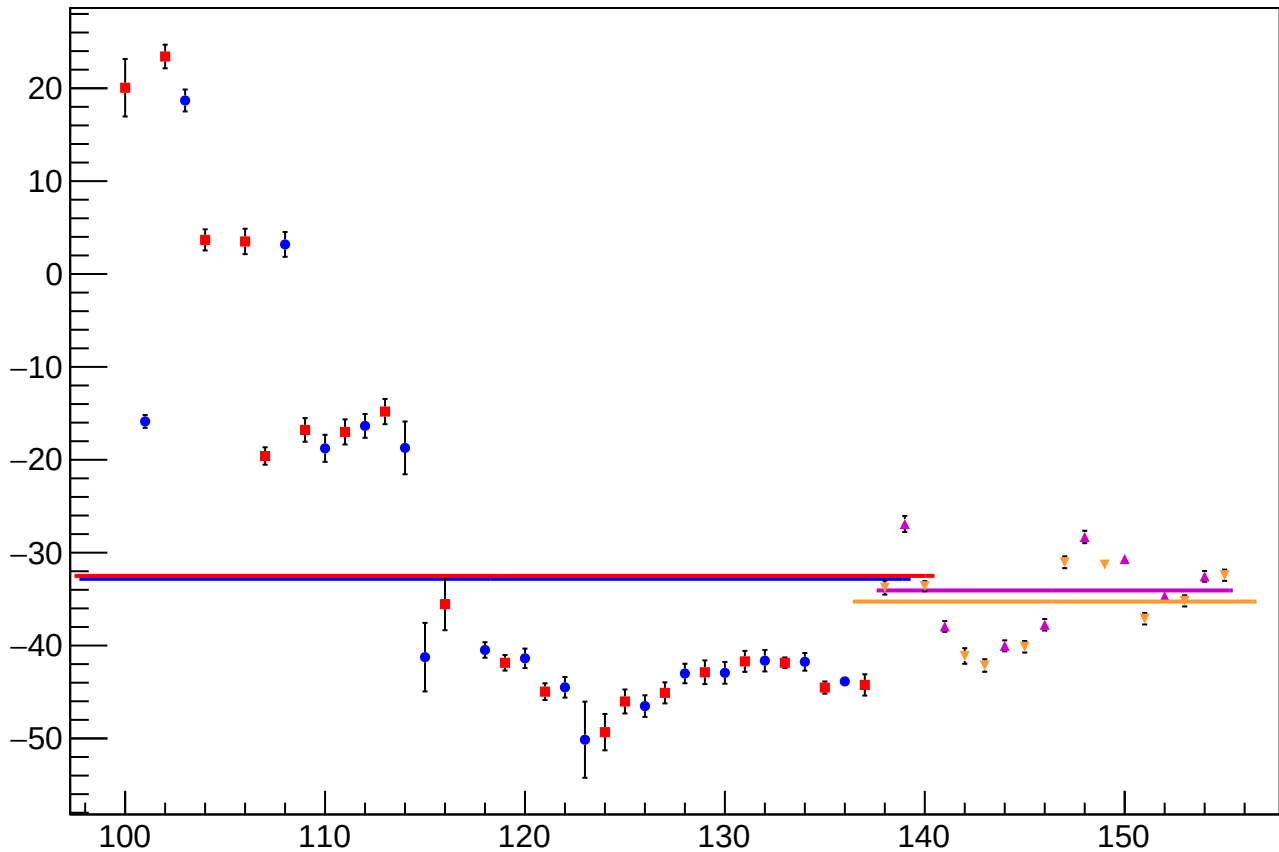
Right: 2.472 ± 0.280 $\chi^2/\text{NDF}: 98.9/35$

In: -4.333 ± 0.206 $\chi^2/\text{NDF}: 630.2/24$

Out: -4.885 ± 0.198 $\chi^2/\text{NDF}: 752.3/28$

All: -4.619 ± 0.143 $\chi^2/\text{NDF}: 1386.2/53$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -35.263 ± 0.198 $\chi^2/\text{NDF}: 357.2/9$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

Left In: -34.066 ± 0.216 $\chi^2/\text{NDF}: 376.3/7$

Left: -34.714 ± 0.146 $\chi^2/\text{NDF}: 750.2/17$

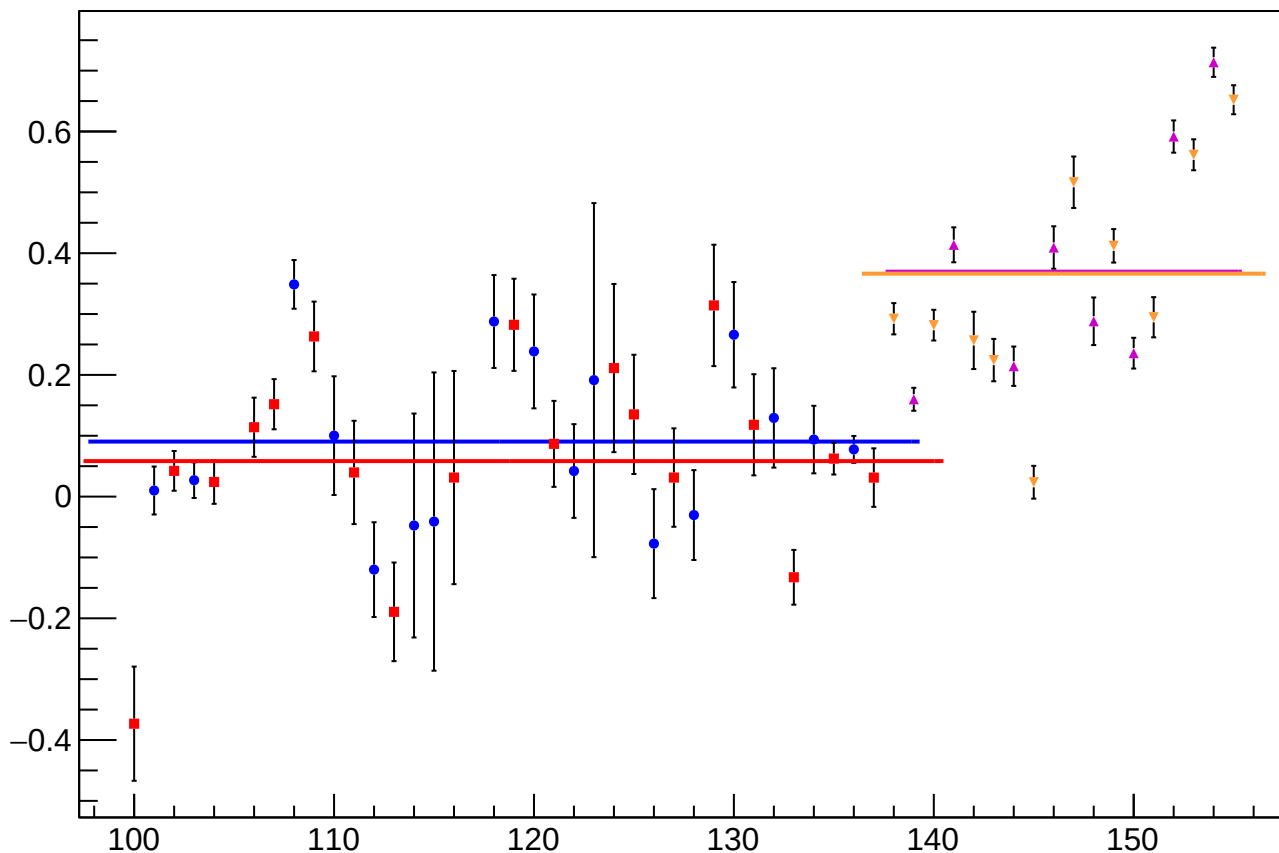
Right: -32.652 ± 0.176 $\chi^2/\text{NDF}: 10705.2/35$

In: -33.543 ± 0.164 $\chi^2/\text{NDF}: 5056.9/24$

Out: -34.164 ± 0.154 $\chi^2/\text{NDF}: 6472.2/28$

All: -33.874 ± 0.112 $\chi^2/\text{NDF}: 11536.8/53$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.366 ± 0.009 $\chi^2/\text{NDF}: 426.0/9$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

Left In: 0.370 ± 0.009 $\chi^2/\text{NDF}: 458.7/7$

Left: 0.368 ± 0.007 $\chi^2/\text{NDF}: 884.7/17$

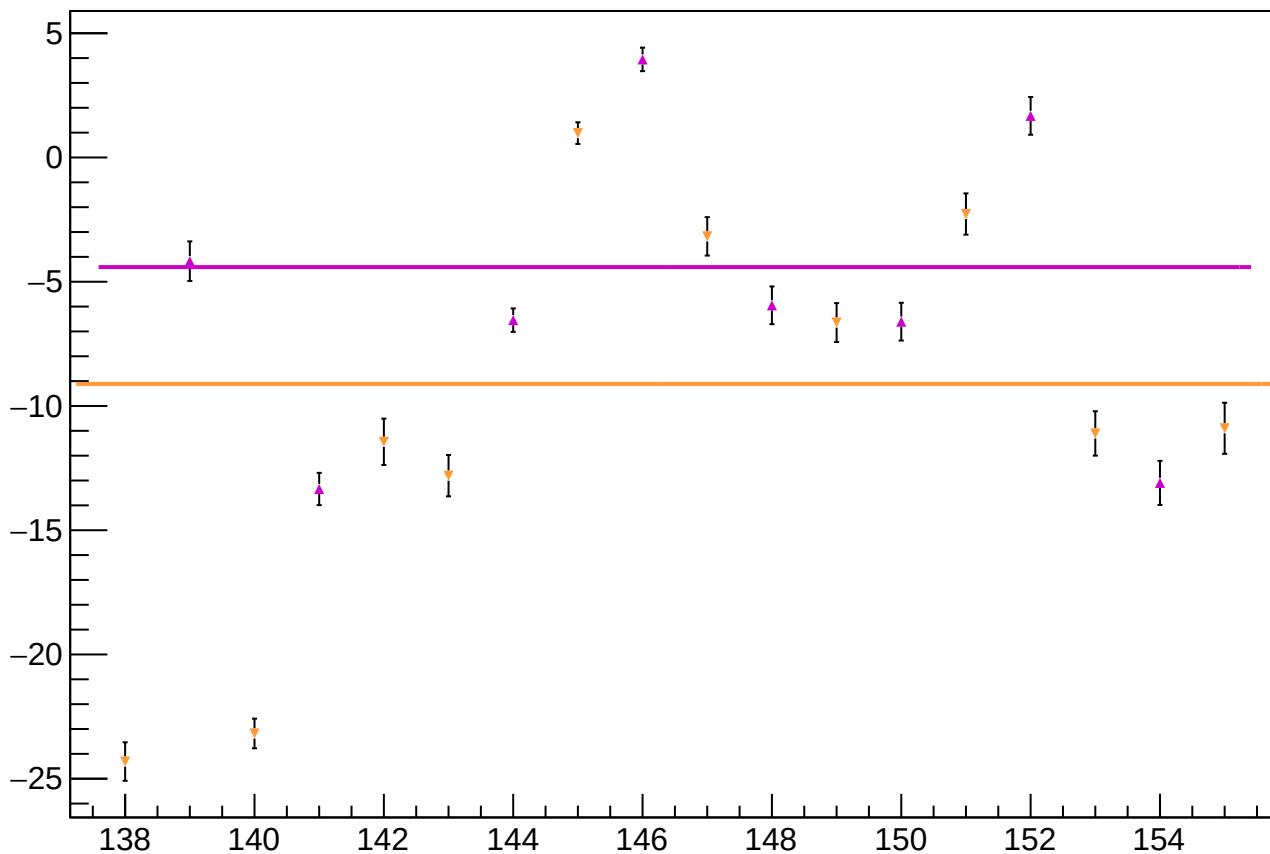
Right: 0.074 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.270 ± 0.008 $\chi^2/\text{NDF}: 848.2/24$

Out: 0.254 ± 0.007 $\chi^2/\text{NDF}: 922.4/28$

All: 0.262 ± 0.005 $\chi^2/\text{NDF}: 1773.0/53$

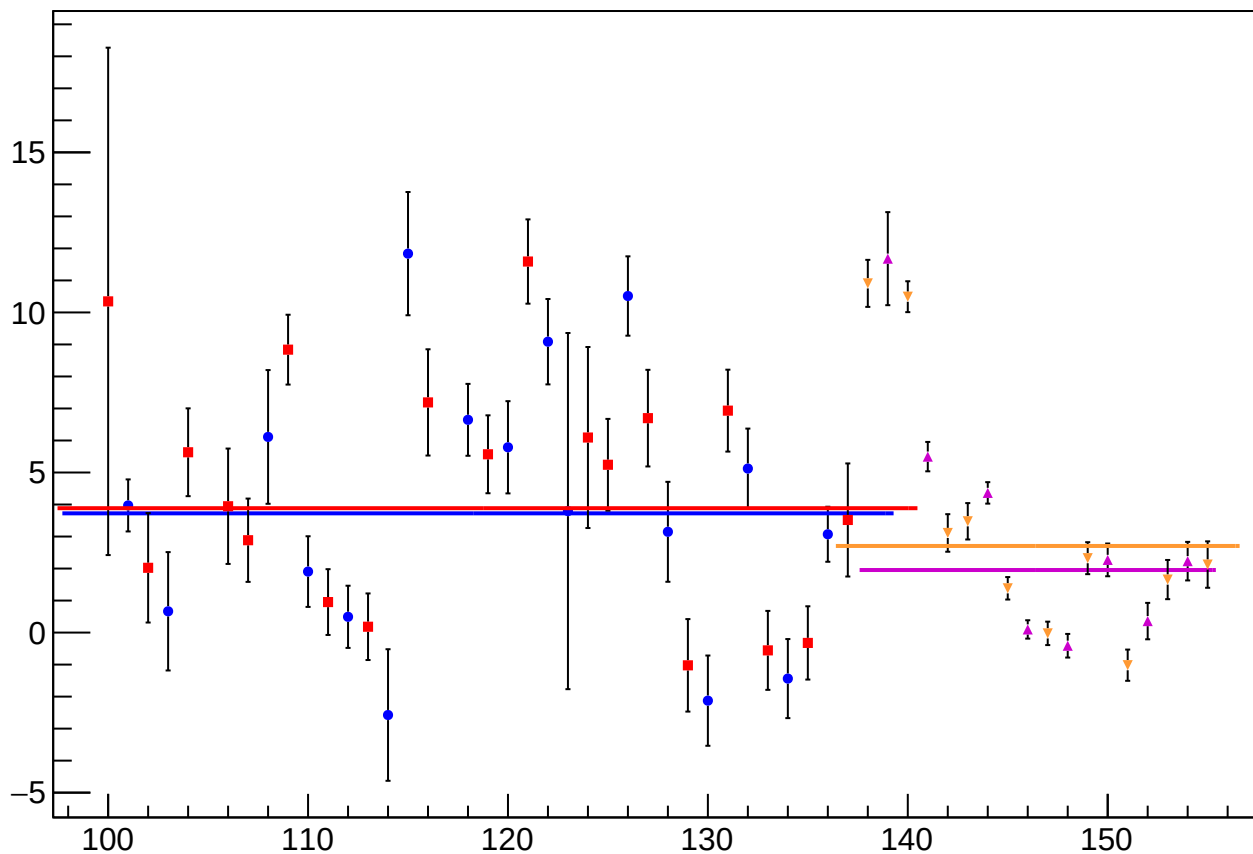
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.113+/-0.228 χ^2/NDF : 1647.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.410+/-0.227 χ^2/NDF : 695.3/7

Left: -6.755+/-0.161 χ^2/NDF : 2556.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.410+/-0.227 χ^2/NDF : 695.3/7
 Out: -9.113+/-0.228 χ^2/NDF : 1647.1/9
 All: -6.755+/-0.161 χ^2/NDF : 2556.3/17

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 $\pm$ 0.308 χ^2 /NDF: 136.8/16

Left Out: 2.705 $\pm$ 0.157 χ^2 /NDF: 519.8/9

Right Out: 3.885 $\pm$ 0.316 χ^2 /NDF: 134.4/18

Left In: 1.954 $\pm$ 0.152 χ^2 /NDF: 247.3/7

Left: 2.317 $\pm$ 0.109 χ^2 /NDF: 778.9/17

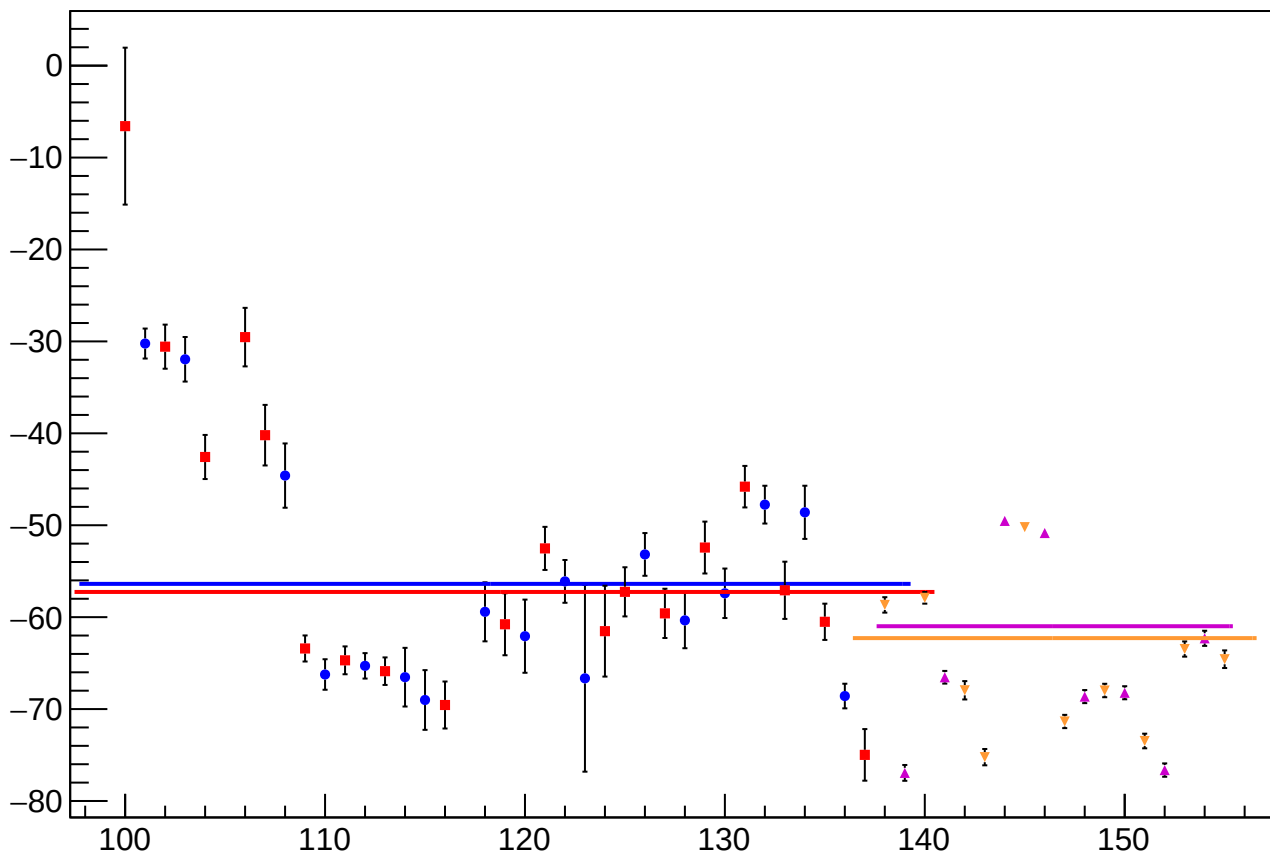
Right: 3.803 $\pm$ 0.221 χ^2 /NDF: 271.3/35

In: 2.300 $\pm$ 0.136 χ^2 /NDF: 410.6/24

Out: 2.939 $\pm$ 0.141 χ^2 /NDF: 665.3/28

All: 2.610 $\pm$ 0.098 χ^2 /NDF: 1086.5/53

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: -62.280 ± 0.231 χ^2/NDF : 1413.3/9

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

Left In: -60.986 ± 0.226 χ^2/NDF : 2108.1/7

Left: -61.620 ± 0.162 χ^2/NDF : 3537.4/17

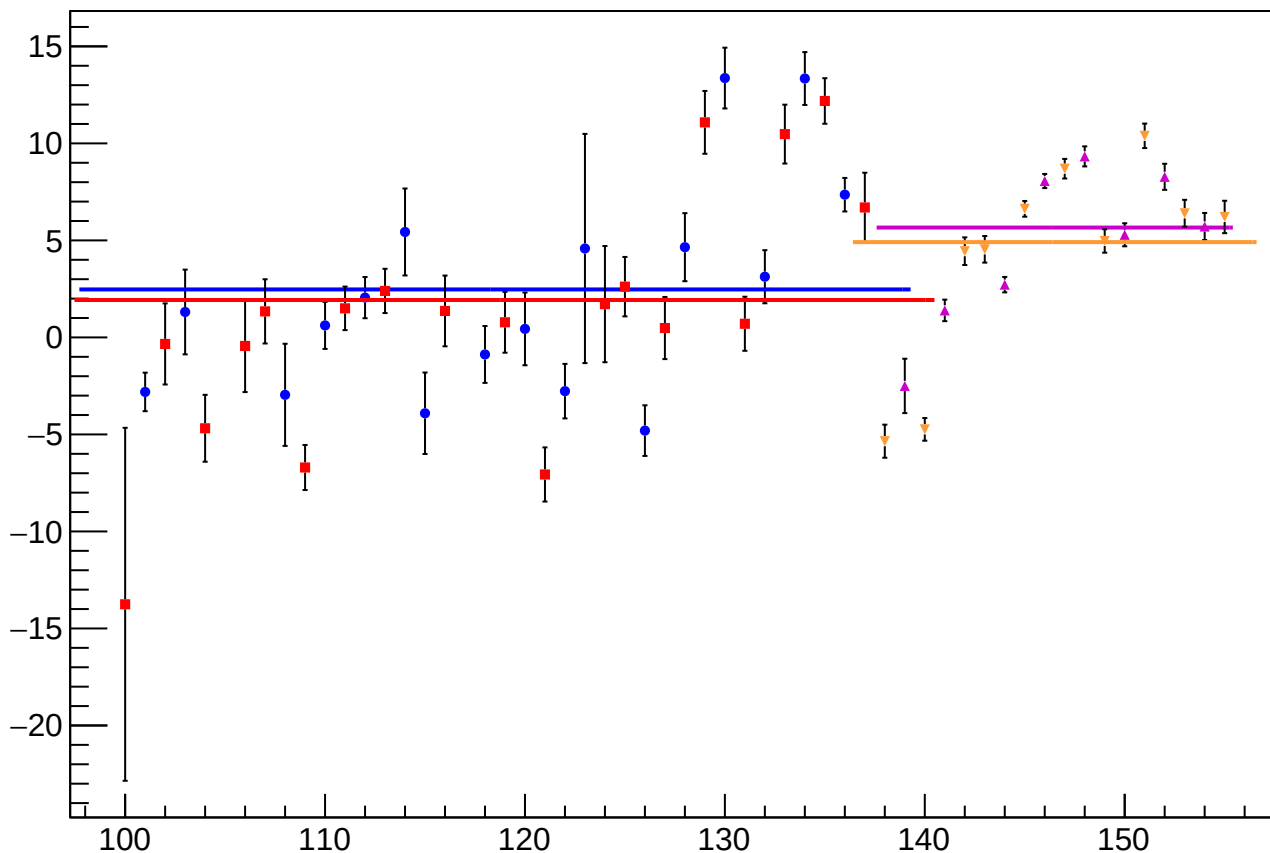
Right: -56.823 ± 0.381 χ^2/NDF : 1064.8/35

In: -60.303 ± 0.209 χ^2/NDF : 2757.1/24

Out: -61.493 ± 0.212 χ^2/NDF : 1963.4/28

All: -60.888 ± 0.149 χ^2/NDF : 4736.5/53

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473 $\pm$ 0.345 χ^2 /NDF: 243.6/16

Left Out: 4.912 $\pm$ 0.192 χ^2 /NDF:574.7/9

Right Out: 1.928 $\pm$ 0.355 χ^2 /NDF: 266.6/18

Left In: 5.662 $\pm$ 0.187 χ^2 /NDF:257.2/7

Left: 5.295 $\pm$ 0.134 χ^2 /NDF: 839.7/17

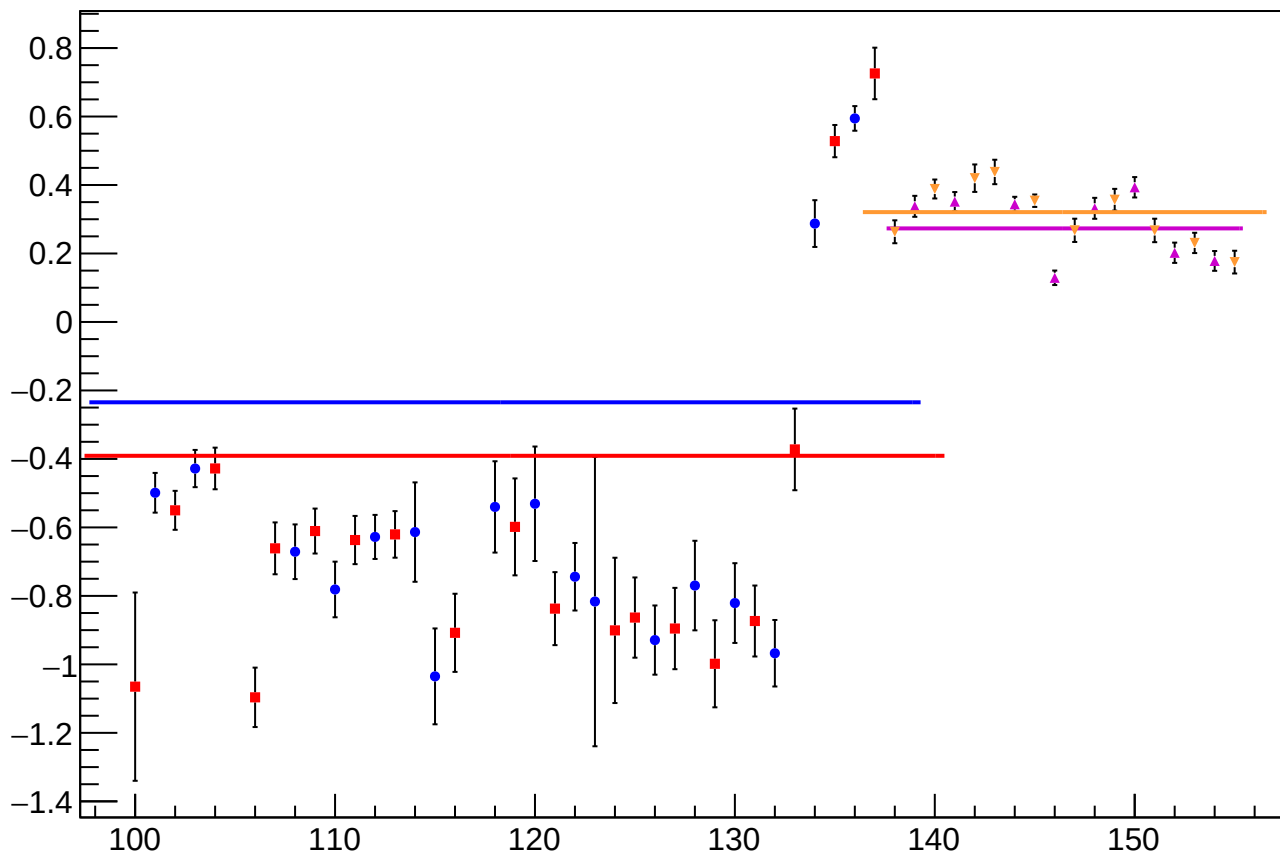
Right: 2.208 $\pm$ 0.248 χ^2 /NDF: 511.4/35

In: 4.936 $\pm$ 0.165 χ^2 /NDF:566.6/24

Out: 4.237 $\pm$ 0.169 χ^2 /NDF:896.0/28

All: 4.595 $\pm$ 0.118 χ^2 /NDF: 1471.4/53

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: 0.321 ± 0.009 χ^2/NDF : 63.9/9

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

Left In: 0.273 ± 0.009 χ^2/NDF : 105.7/7

Left: 0.297 ± 0.007 χ^2/NDF : 182.4/17

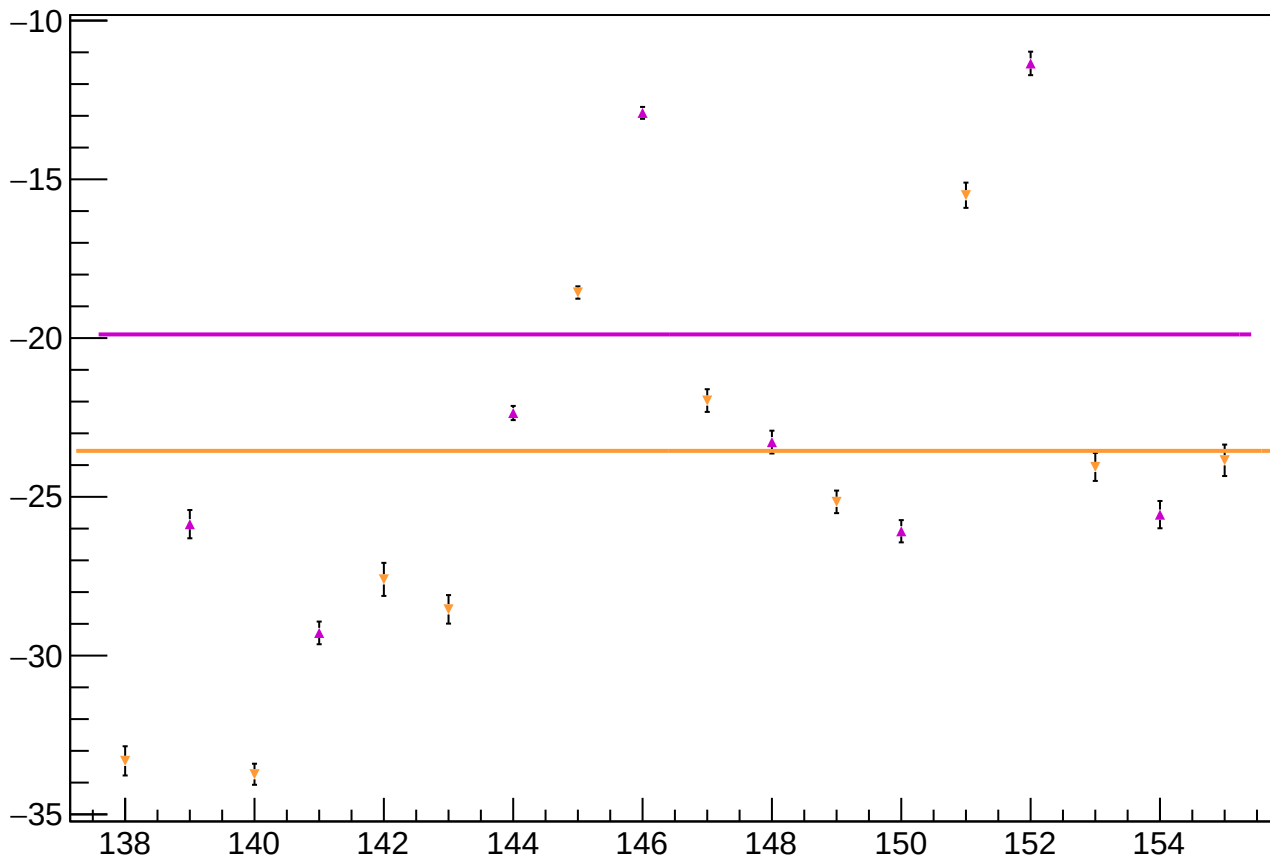
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: 0.172 ± 0.008 χ^2/NDF : 1643.4/24

Out: 0.181 ± 0.008 χ^2/NDF : 2049.6/28

All: 0.176 ± 0.006 χ^2/NDF : 3693.7/53

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



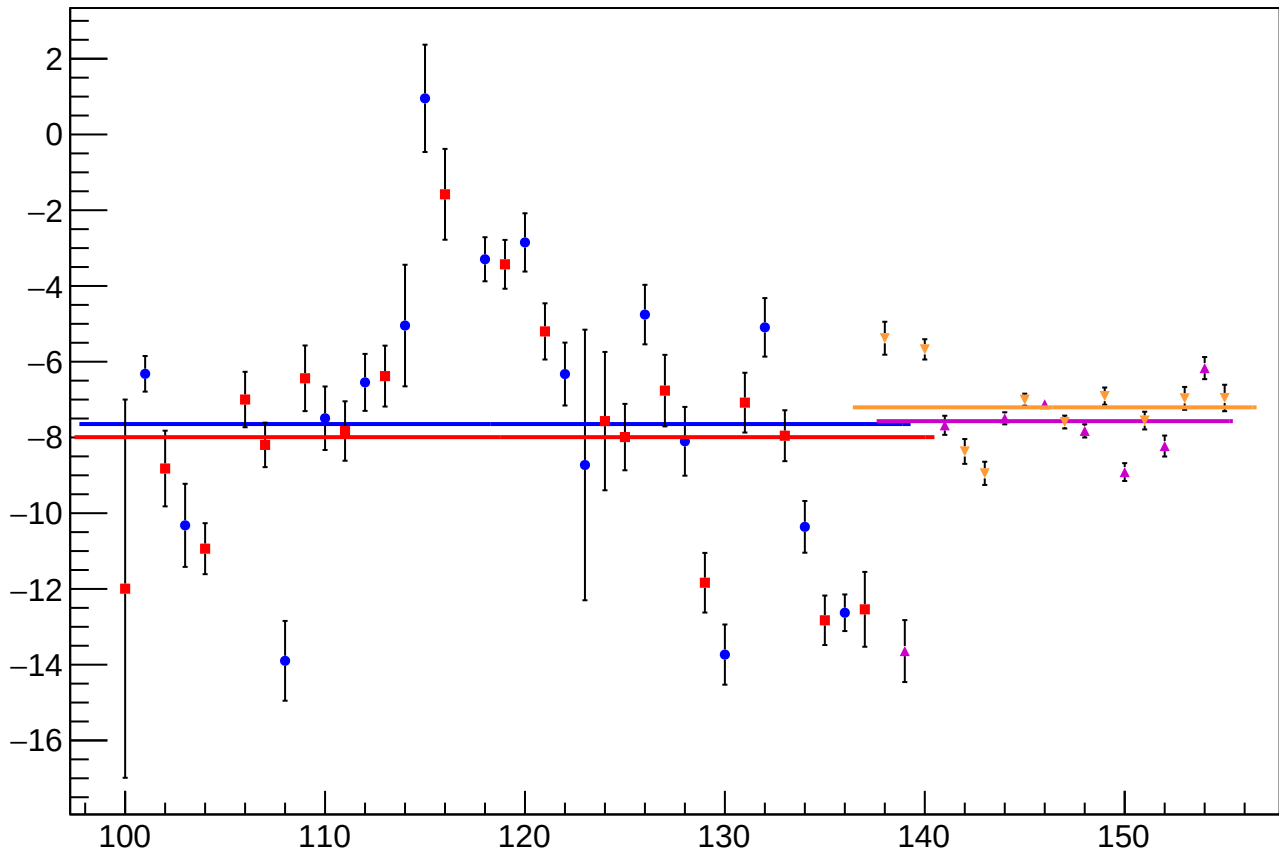
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.552+/-0.112 χ^2/NDF :2682.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.885+/-0.105 χ^2/NDF :3491.9/7

Left: -21.611+/-0.077 χ^2/NDF : 6744.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.885+/-0.105 χ^2/NDF :3491.9/7
 Out: -23.552+/-0.112 χ^2/NDF :2682.8/9

All: -21.611+/-0.077 χ^2/NDF : 6744.8/17

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: -7.205 ± 0.077 χ^2/NDF : 107.1/9

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

Left In: -7.570 ± 0.070 χ^2/NDF : 133.6/7

Left: -7.404 ± 0.052 χ^2/NDF : 253.0/17

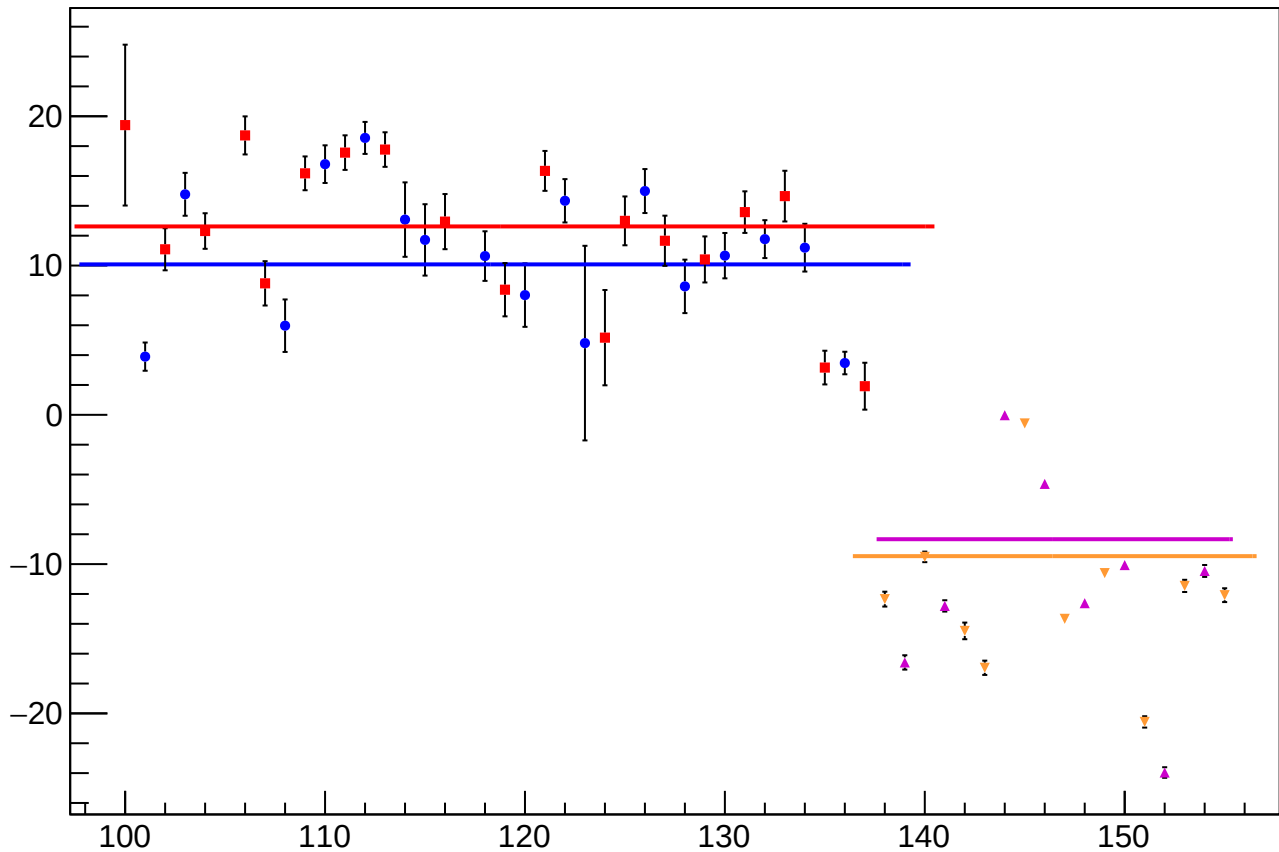
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.579 ± 0.065 χ^2/NDF : 527.4/24

Out: -7.320 ± 0.071 χ^2/NDF : 347.9/28

All: -7.460 ± 0.048 χ^2/NDF : 882.5/53

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -9.466 ± 0.113 $\chi^2/\text{NDF}: 3296.1/9$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

Left In: -8.332 ± 0.104 $\chi^2/\text{NDF}: 4227.6/7$

Left: -8.856 ± 0.077 $\chi^2/\text{NDF}: 7578.3/17$

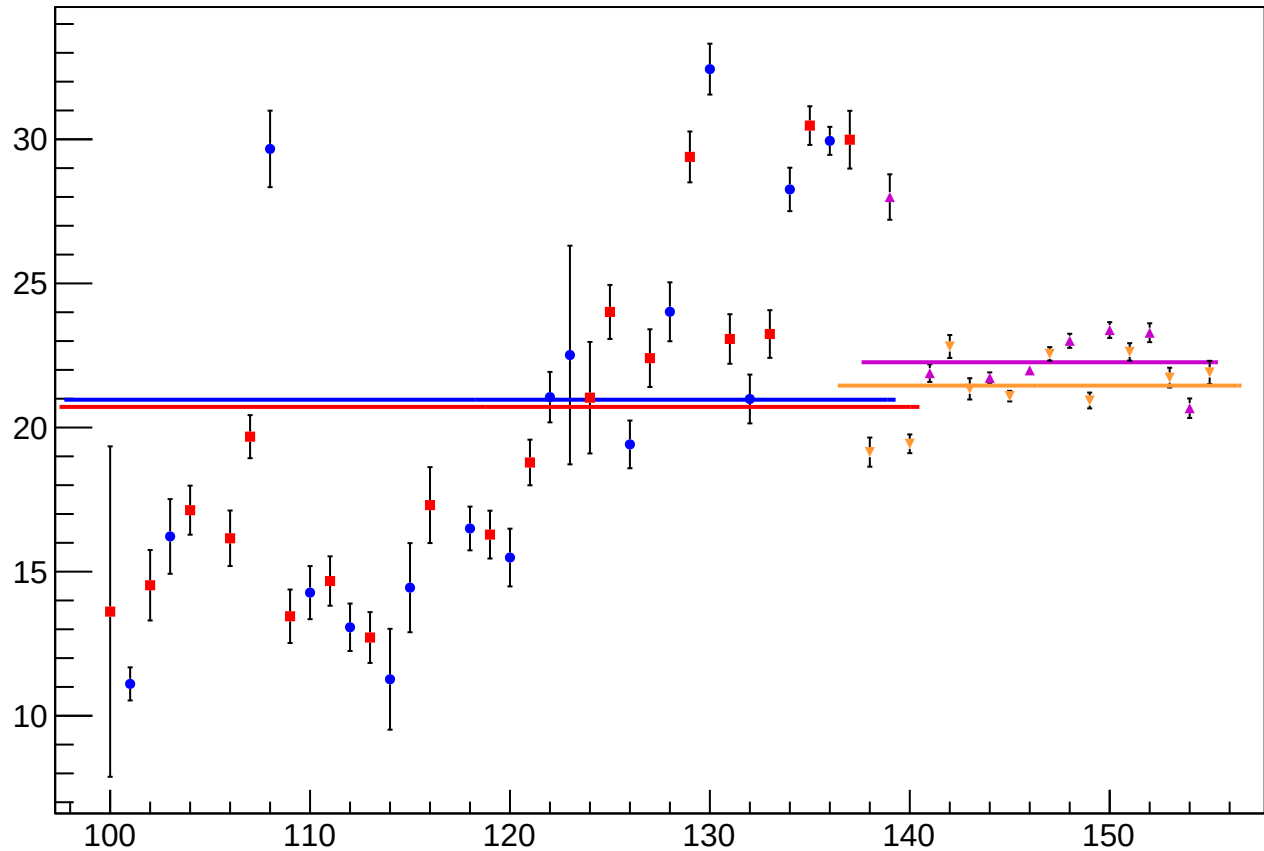
Right: 11.365 ± 0.237 $\chi^2/\text{NDF}: 501.6/35$

In: -6.721 ± 0.100 $\chi^2/\text{NDF}: 7207.0/24$

Out: -7.190 ± 0.107 $\chi^2/\text{NDF}: 7475.2/28$

All: -6.939 ± 0.073 $\chi^2/\text{NDF}: 14692.5/53$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965 $\pm$ 0.209 χ^2 /NDF: 1225.5/16

Left Out: 21.455 $\pm$ 0.094 χ^2 /NDF:117.8/9

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

Left In: 22.265 $\pm$ 0.086 χ^2 /NDF:124.3/7

Left: 21.894 $\pm$ 0.063 χ^2 /NDF: 282.6/17

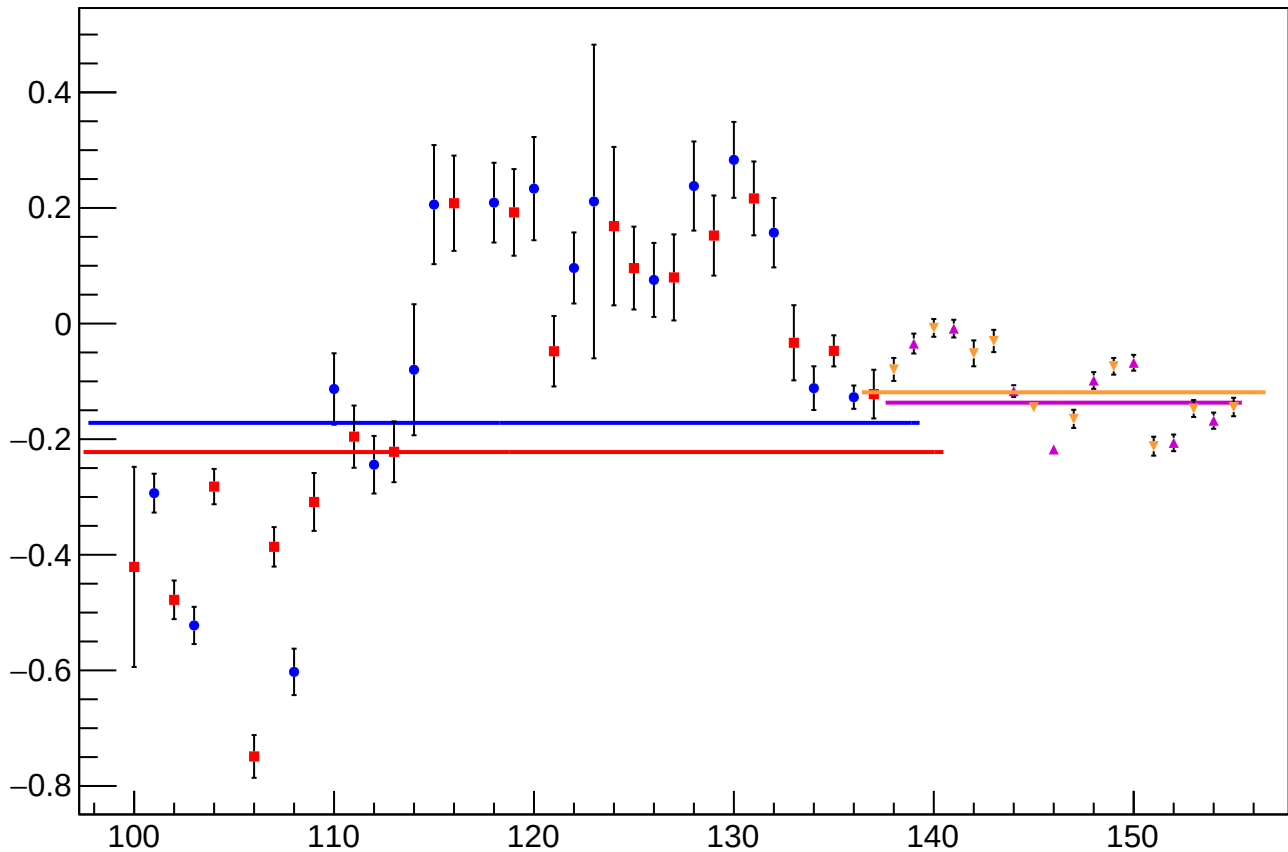
Right: 20.842 $\pm$ 0.149 χ^2 /NDF: 1956.1/35

In: 22.077 $\pm$ 0.080 χ^2 /NDF:1382.7/24

Out: 21.334 $\pm$ 0.086 χ^2 /NDF:857.8/28

All: 21.733 $\pm$ 0.058 χ^2 /NDF: 2280.7/53

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: -0.119 ± 0.005 χ^2/NDF : 153.8/9

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

Left In: -0.137 ± 0.004 χ^2/NDF : 261.0/7

Left: -0.128 ± 0.003 χ^2/NDF : 422.7/17

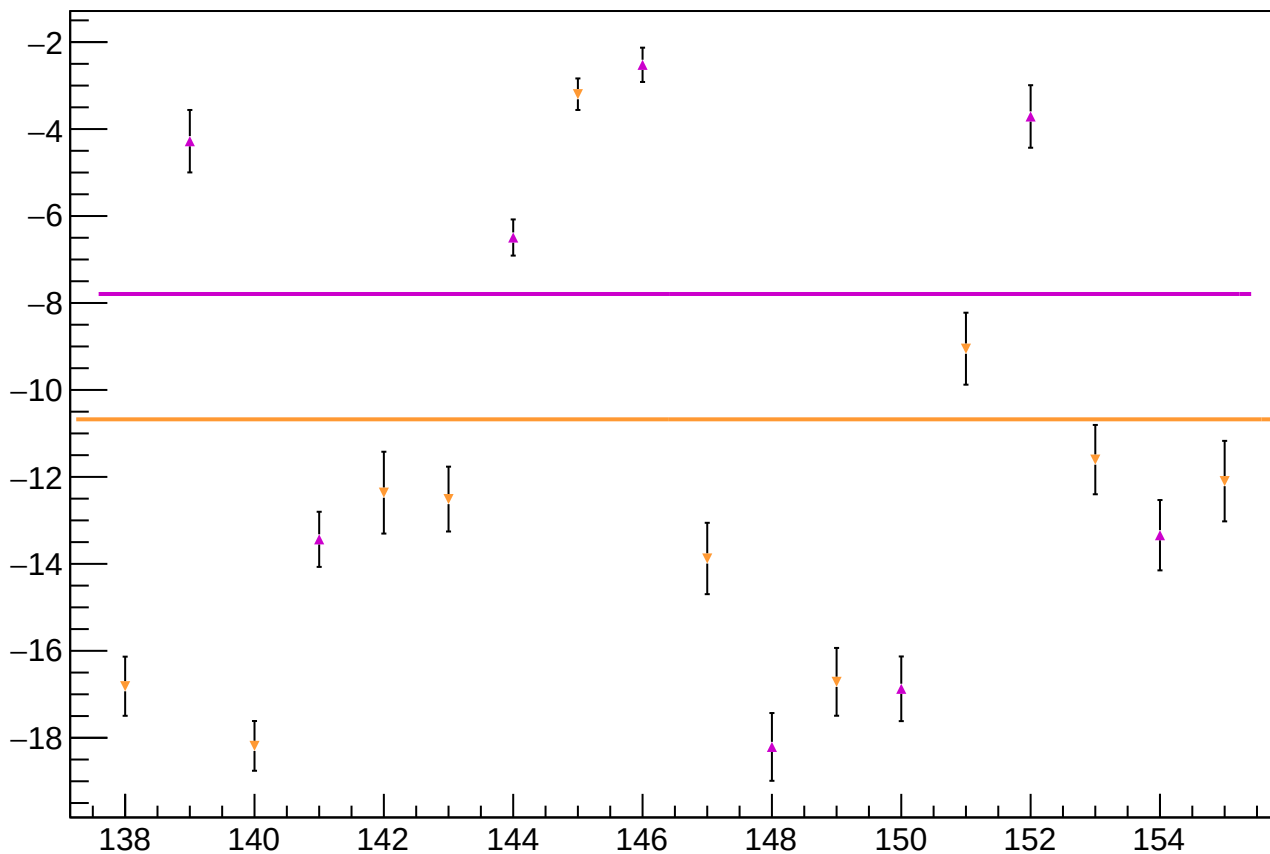
Right: -0.198 ± 0.008 χ^2/NDF : 1010.7/35

In: -0.142 ± 0.004 χ^2/NDF : 733.7/24

Out: -0.134 ± 0.004 χ^2/NDF : 765.8/28

All: -0.138 ± 0.003 χ^2/NDF : 1501.0/53

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.676 $\pm$ 0.208 χ^2 /NDF:770.9/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -7.793 $\pm$ 0.206 χ^2 /NDF:698.4/7

Left: -9.220 $\pm$ 0.146 χ^2 /NDF: 1566.2/17

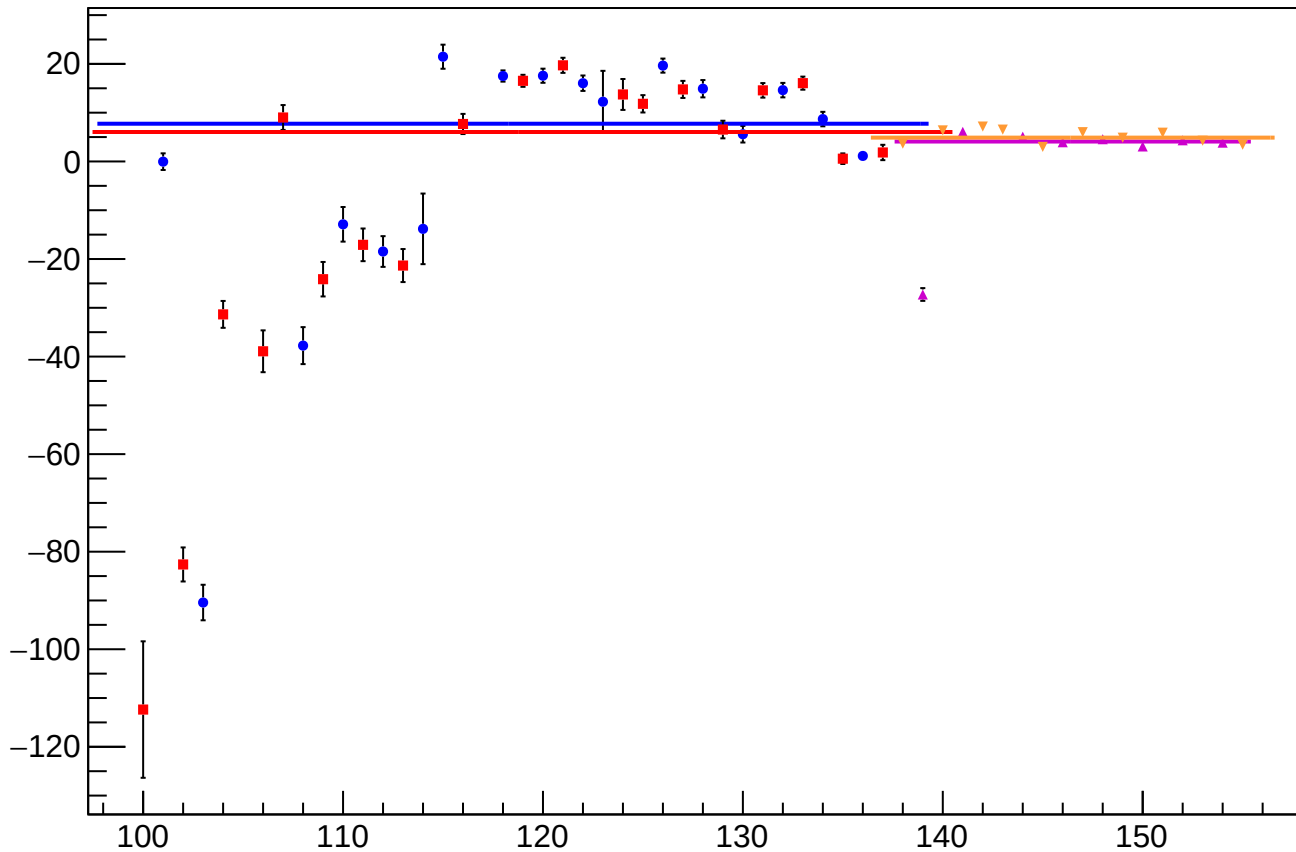
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -7.793 $\pm$ 0.206 χ^2 /NDF:698.4/7

Out: -10.676 $\pm$ 0.208 χ^2 /NDF:770.9/9

All: -9.220 $\pm$ 0.146 χ^2 /NDF: 1566.2/17

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



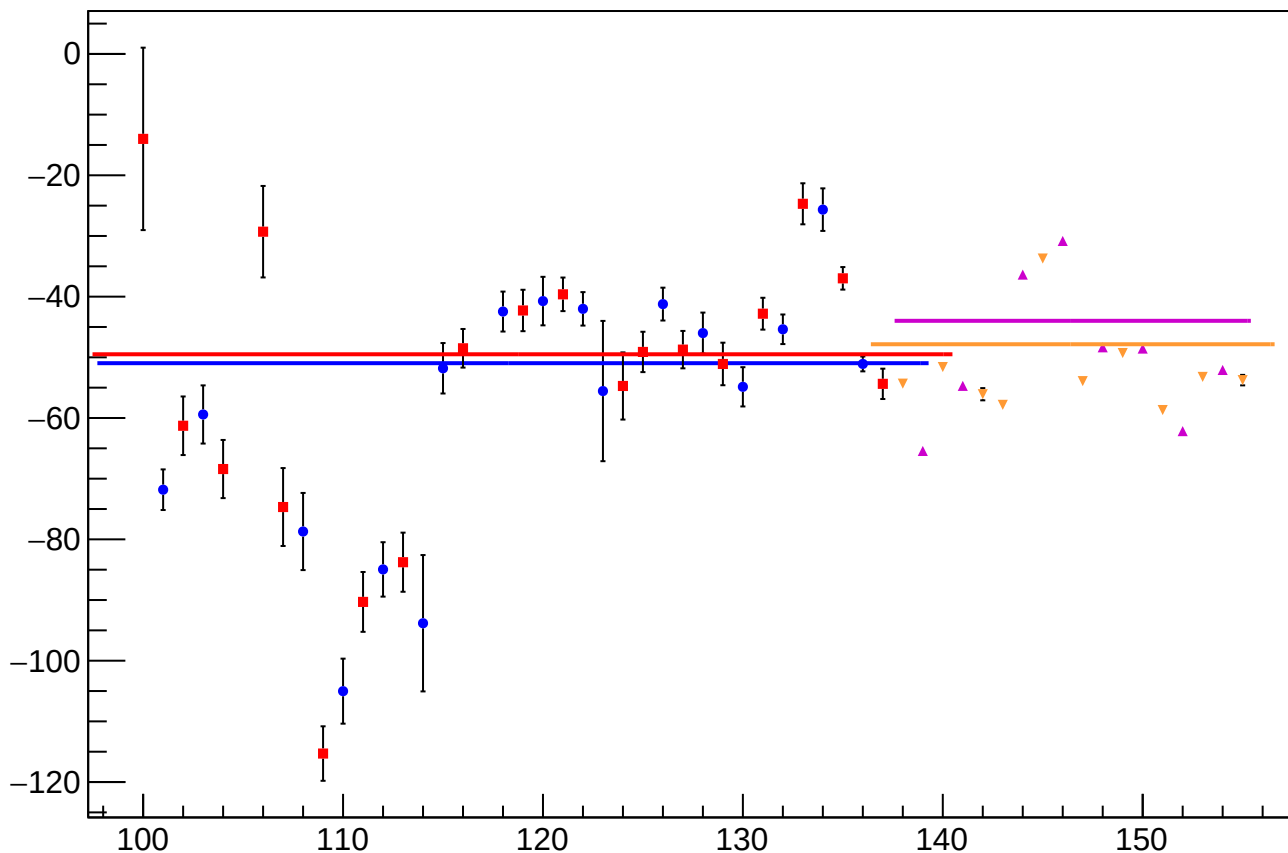
Left: 4.468 ± 0.102 χ^2/NDF : 729.5/17
 Right: 6.952 ± 0.295 χ^2/NDF : 2878.8/35

Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16
 Left Out: 4.886 ± 0.147 χ^2/NDF : 101.2/9
 Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18
 Left In: 4.084 ± 0.141 χ^2/NDF : 612.7/7

In: 4.482 ± 0.133 χ^2/NDF : 2044.4/24
 Out: 5.005 ± 0.139 χ^2/NDF : 1619.7/28

All: 4.732 ± 0.096 χ^2/NDF : 3671.5/53

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: -47.845 ± 0.213 χ^2/NDF : 2022.7/9

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

Left In: -43.983 ± 0.206 χ^2/NDF : 3401.9/7

Left: -45.849 ± 0.148 χ^2/NDF : 5595.0/17

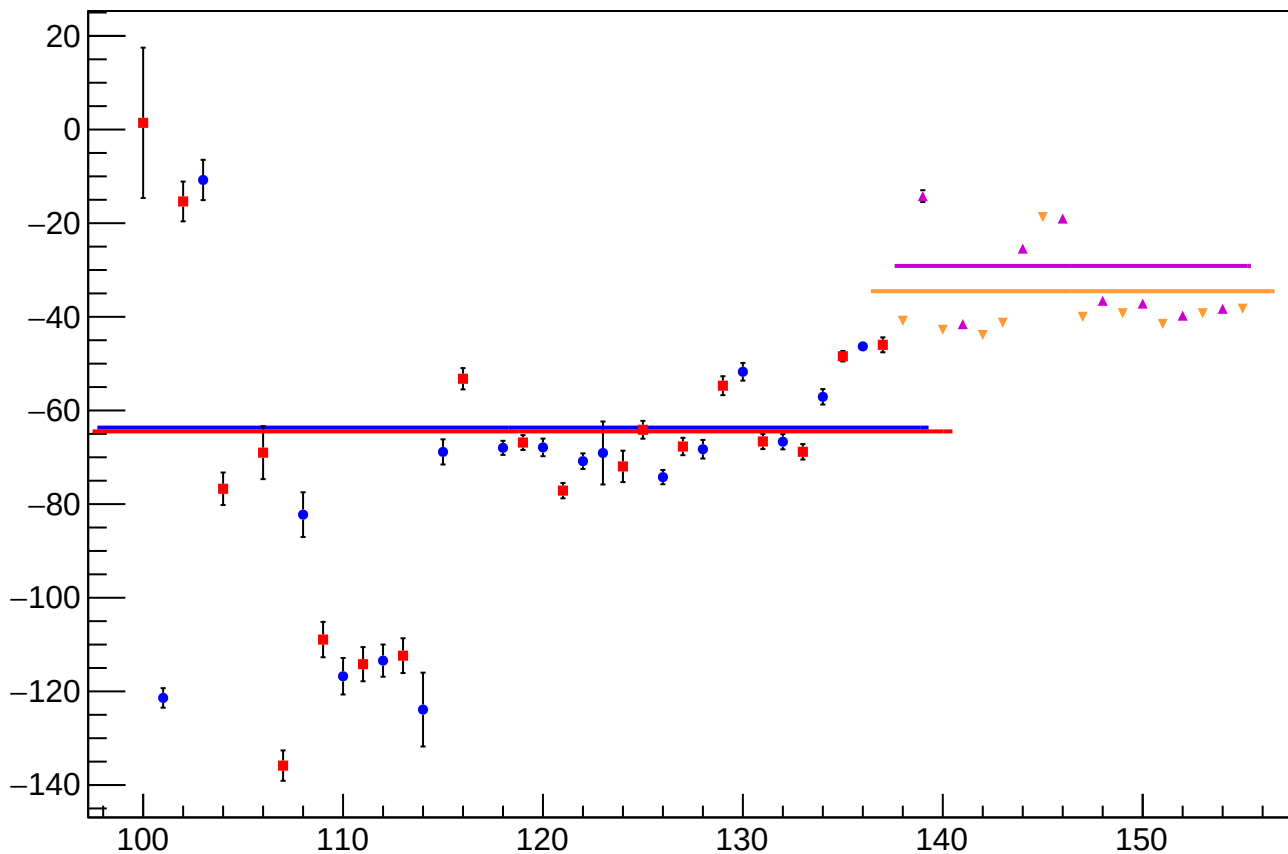
Right: -50.288 ± 0.541 χ^2/NDF : 844.9/35

In: -44.487 ± 0.198 χ^2/NDF : 3817.7/24

Out: -47.955 ± 0.206 χ^2/NDF : 2537.1/28

All: -46.157 ± 0.143 χ^2/NDF : 6502.4/53

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -34.521 ± 0.178 χ^2/NDF : 3192.7/9

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

Left In: -29.127 ± 0.172 χ^2/NDF : 2684.9/7

Left: -31.739 ± 0.124 χ^2/NDF : 6351.9/17

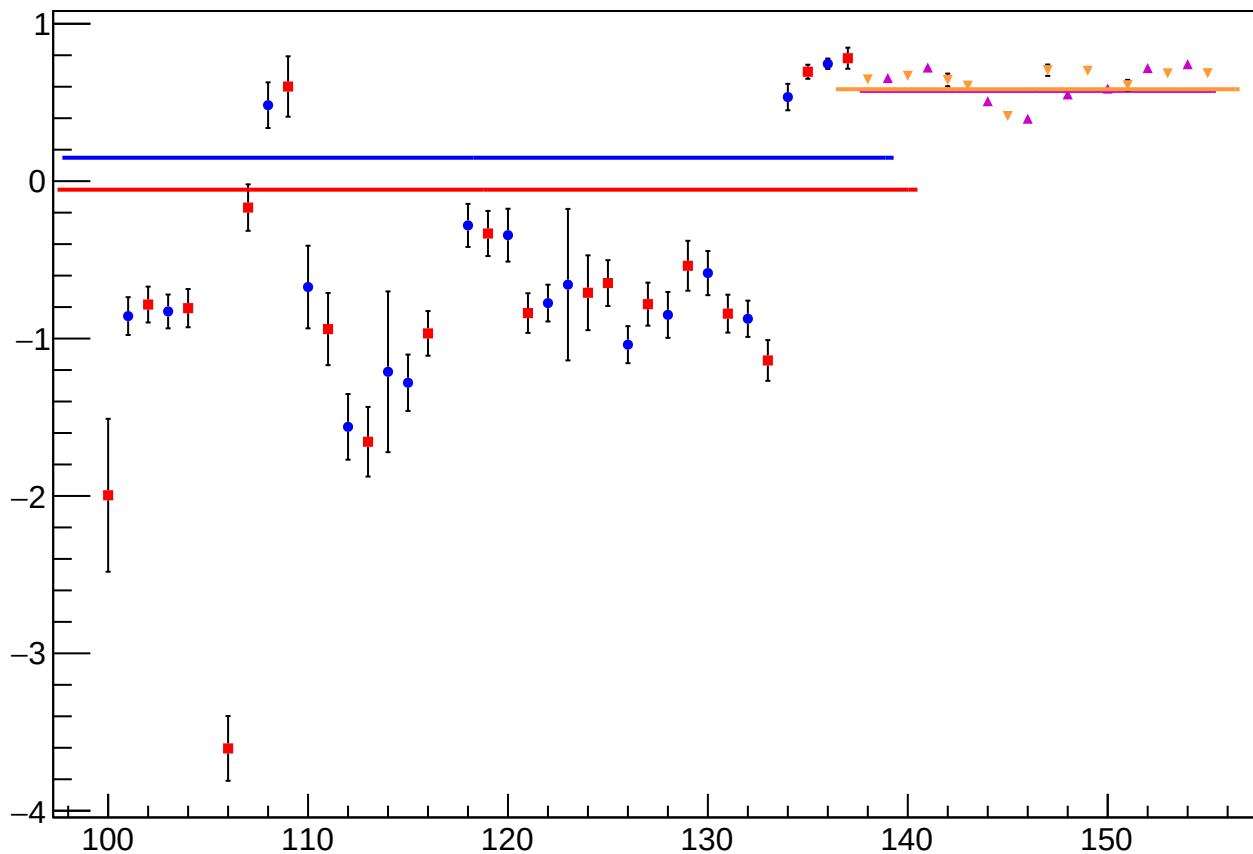
Right: -64.030 ± 0.327 χ^2/NDF : 3623.1/35

In: -33.625 ± 0.161 χ^2/NDF : 9927.5/24

Out: -38.105 ± 0.167 χ^2/NDF : 8191.1/28

All: -35.781 ± 0.116 χ^2/NDF : 18492.3/53

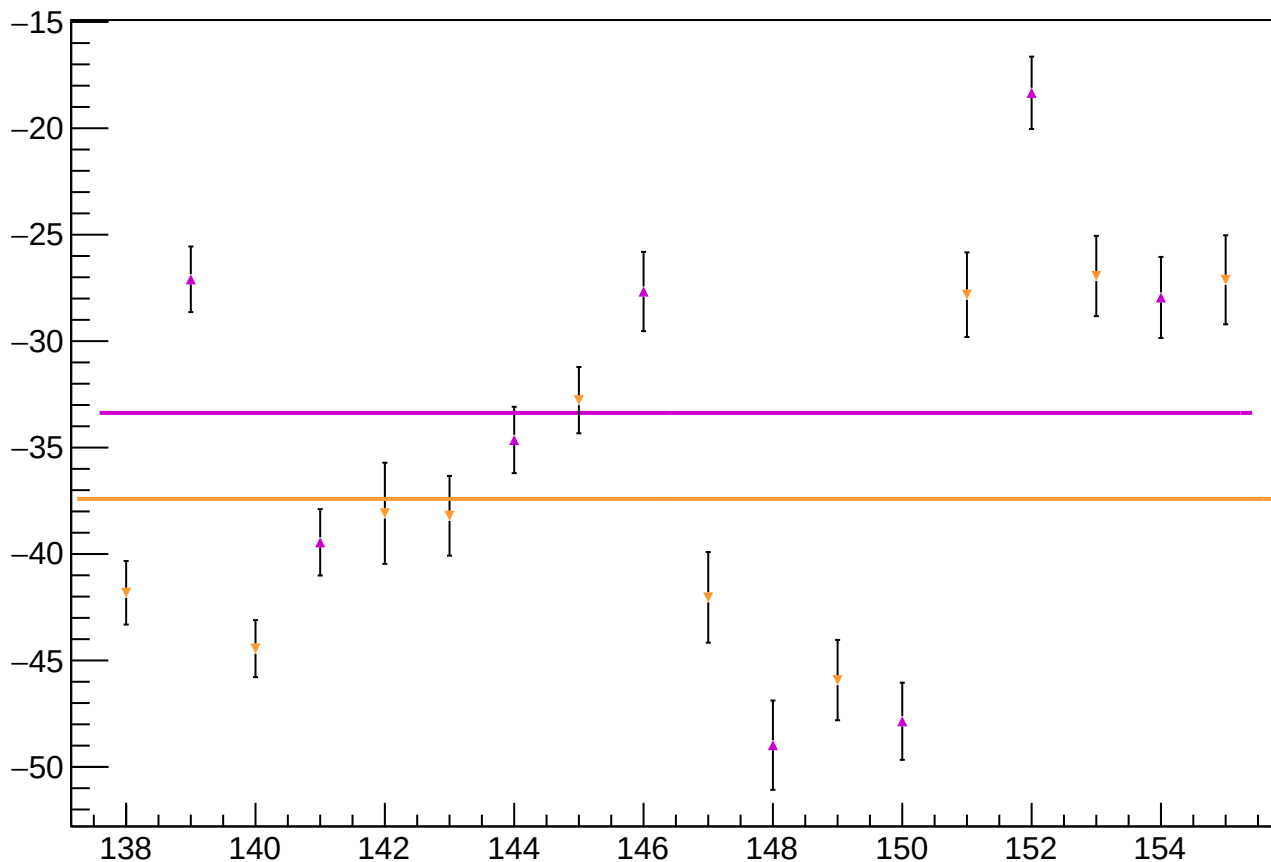
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16
 Left Out: 0.584 $\pm$ 0.009 χ^2 /NDF:194.8/9
 Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18
 Left In: 0.573 $\pm$ 0.009 χ^2 /NDF:216.7/7

Left: 0.579 $\pm$ 0.006 χ^2 /NDF: 412.3/17
 Right: 0.056 $\pm$ 0.018 χ^2 /NDF: 2190.5/35
 In: 0.525 $\pm$ 0.008 χ^2 /NDF:1484.3/24
 Out: 0.523 $\pm$ 0.008 χ^2 /NDF:1898.9/28
 All: 0.524 $\pm$ 0.006 χ^2 /NDF: 3383.2/53

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: -37.410+/-0.564 χ^2/NDF :148.8/9

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

Left In: -33.370+/-0.610 χ^2/NDF :247.5/7

Left: -35.549+/-0.414 χ^2/NDF : 419.9/17

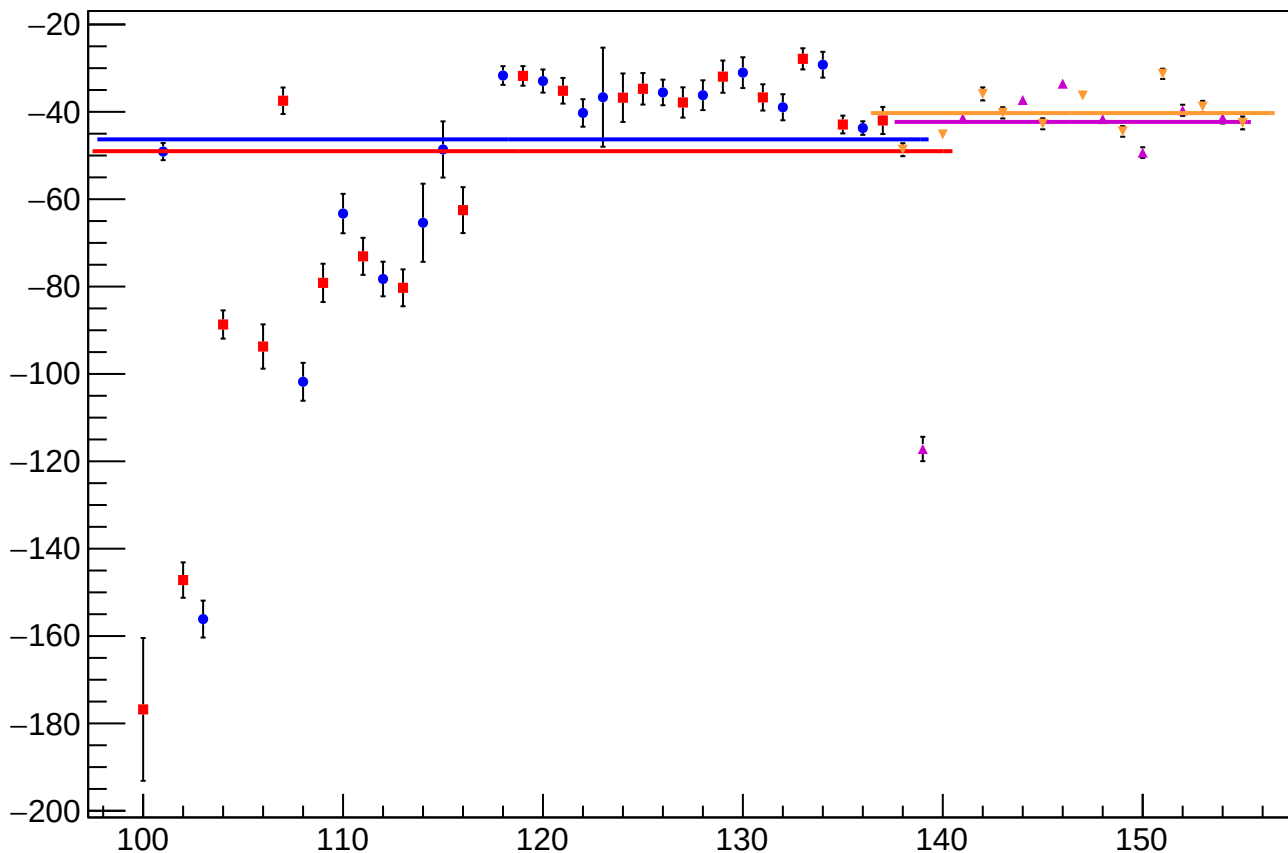
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.370+/-0.610 χ^2/NDF :247.5/7

Out: -37.410+/-0.564 χ^2/NDF :148.8/9

All: -35.549+/-0.414 χ^2/NDF : 419.9/17

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: -40.282 ± 0.396 χ^2/NDF : 153.9/9

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

Left In: -42.307 ± 0.433 χ^2/NDF : 837.5/7

Left: -41.204 ± 0.292 χ^2/NDF : 1003.4/17

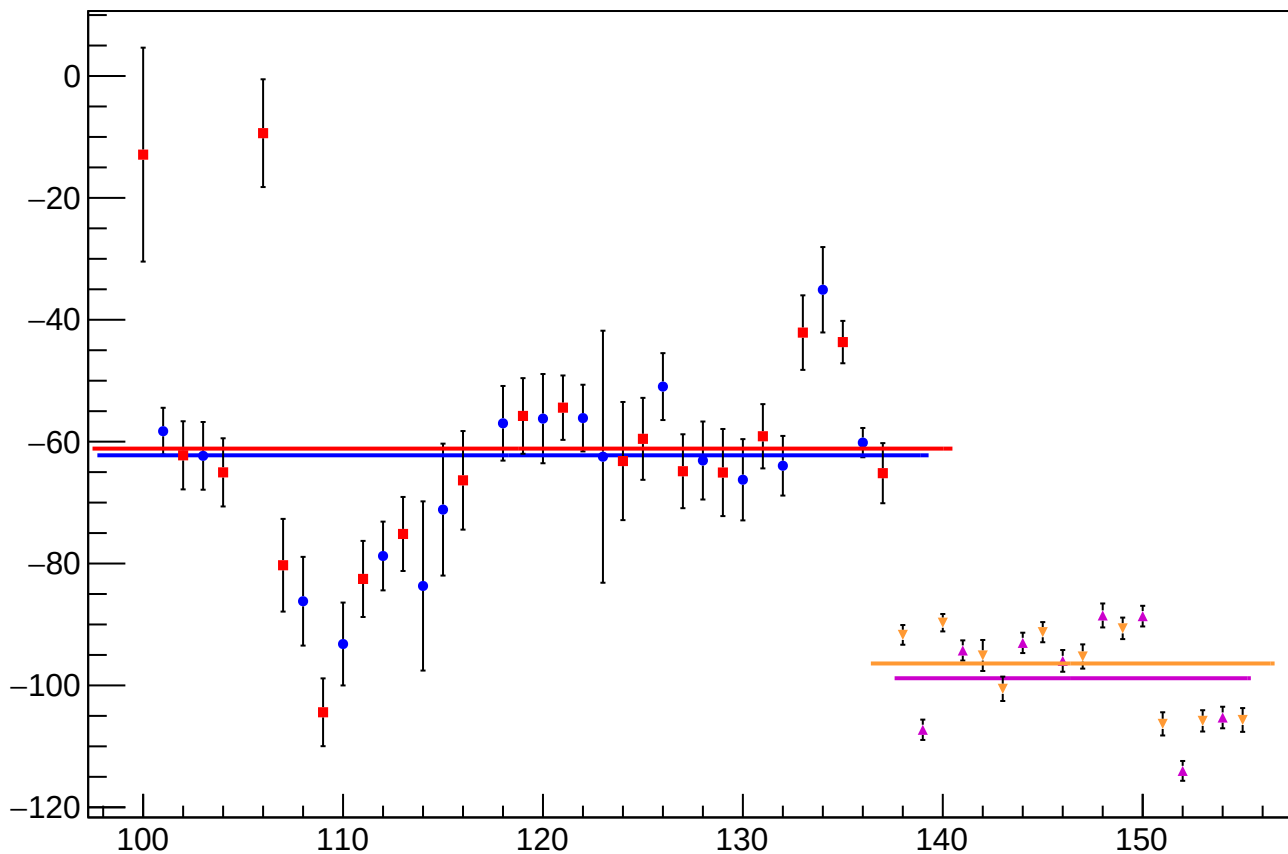
Right: -47.580 ± 0.525 χ^2/NDF : 2362.3/35

In: -43.360 ± 0.371 χ^2/NDF : 1944.0/24

Out: -42.128 ± 0.351 χ^2/NDF : 1528.5/28

All: -42.710 ± 0.255 χ^2/NDF : 3478.4/53

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: -96.402 ± 0.570 χ^2/NDF : 134.3/9

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

Left In: -98.823 ± 0.608 χ^2/NDF : 212.3/7

Left: -97.533 ± 0.416 χ^2/NDF : 355.0/17

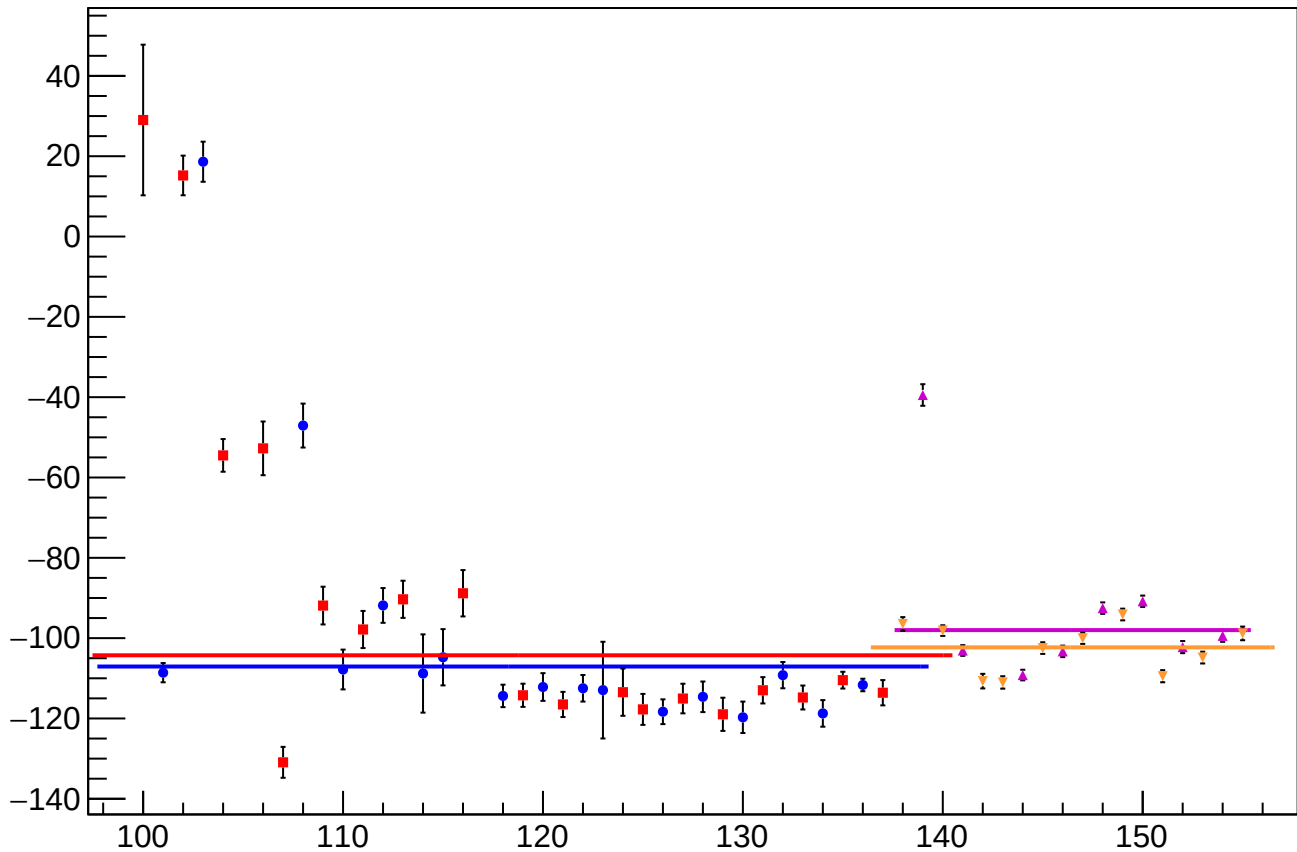
Right: -61.720 ± 0.950 χ^2/NDF : 233.3/35

In: -92.334 ± 0.552 χ^2/NDF : 921.0/24

Out: -91.265 ± 0.527 χ^2/NDF : 858.0/28

All: -91.774 ± 0.381 χ^2/NDF : 1781.0/53

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: -102.300 ± 0.480 χ^2/NDF : 138.5/9

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

Left In: -97.998 ± 0.525 χ^2/NDF : 622.9/7

Left: -100.339 ± 0.354 χ^2/NDF : 797.9/17

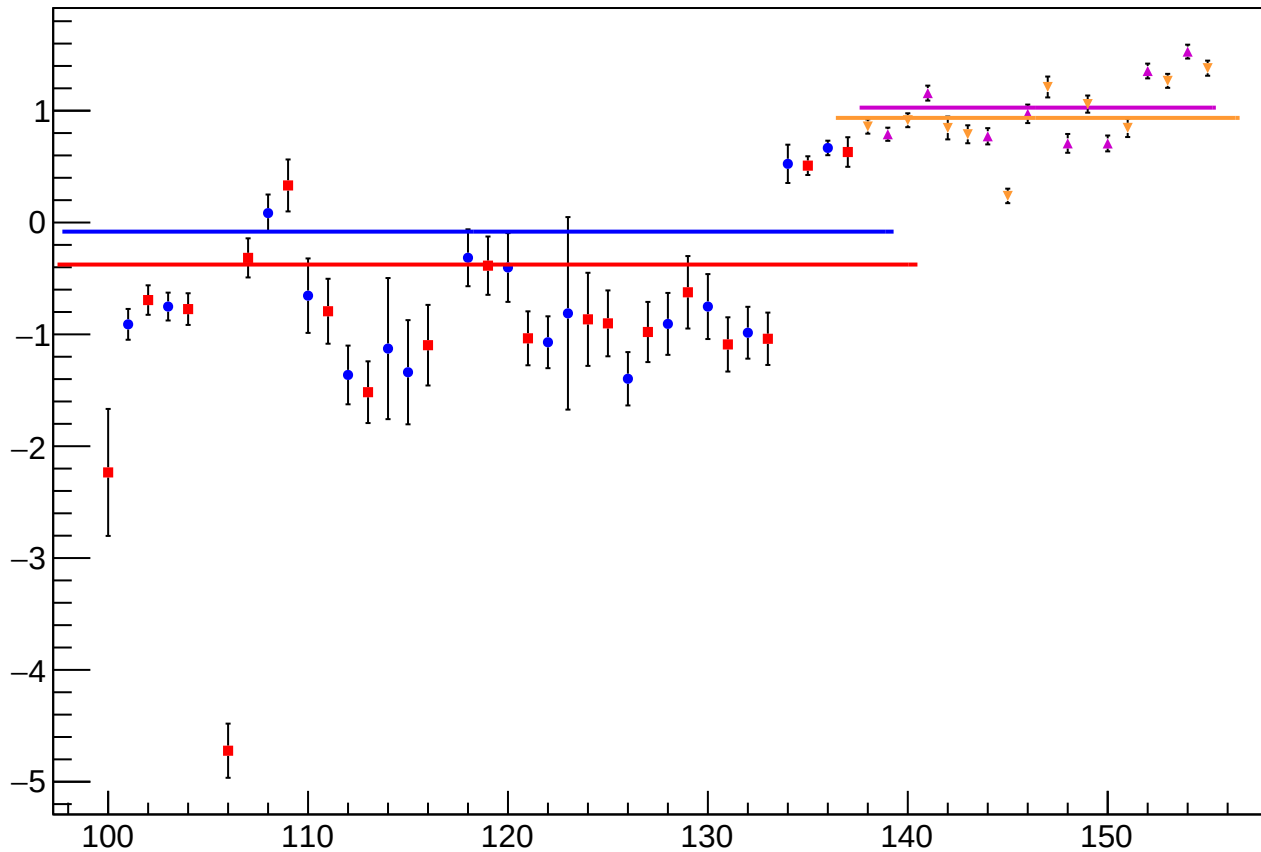
Right: -105.751 ± 0.590 χ^2/NDF : 1852.6/35

In: -100.674 ± 0.441 χ^2/NDF : 1539.3/24

Out: -102.768 ± 0.420 χ^2/NDF : 1161.1/28

All: -101.772 ± 0.304 χ^2/NDF : 2712.3/53

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: 0.936 ± 0.023 χ^2/NDF : 205.3/9

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

Left In: 1.027 ± 0.024 χ^2/NDF : 157.3/7

Left: 0.979 ± 0.017 χ^2/NDF : 370.1/17

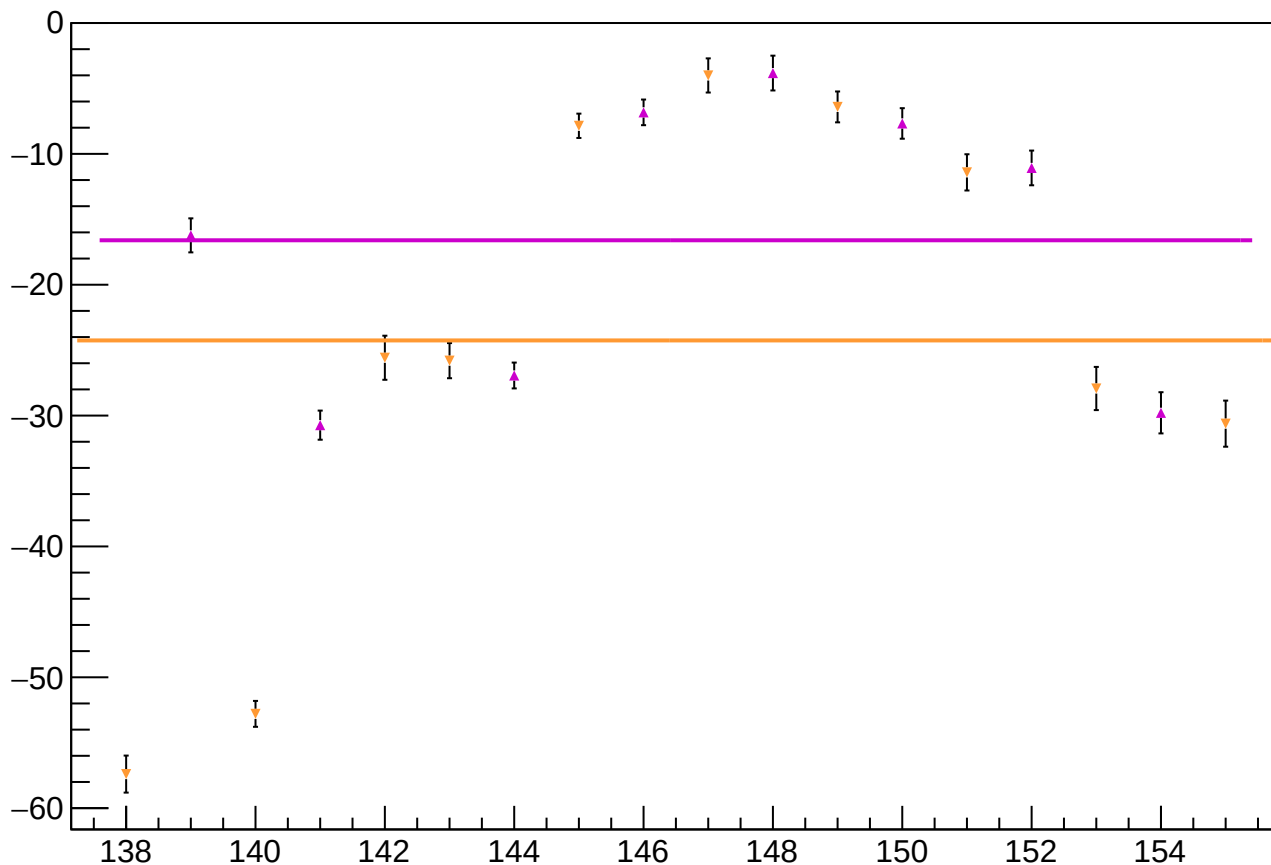
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: 0.749 ± 0.021 χ^2/NDF : 1003.7/24

Out: 0.654 ± 0.020 χ^2/NDF : 1489.5/28

All: 0.700 ± 0.015 χ^2/NDF : 2503.6/53

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -24.257 $\pm$ 0.405 χ^2 /NDF:2266.3/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -16.603 $\pm$ 0.417 χ^2 /NDF:608.8/7

Left: -20.547 $\pm$ 0.291 χ^2 /NDF: 3048.3/17

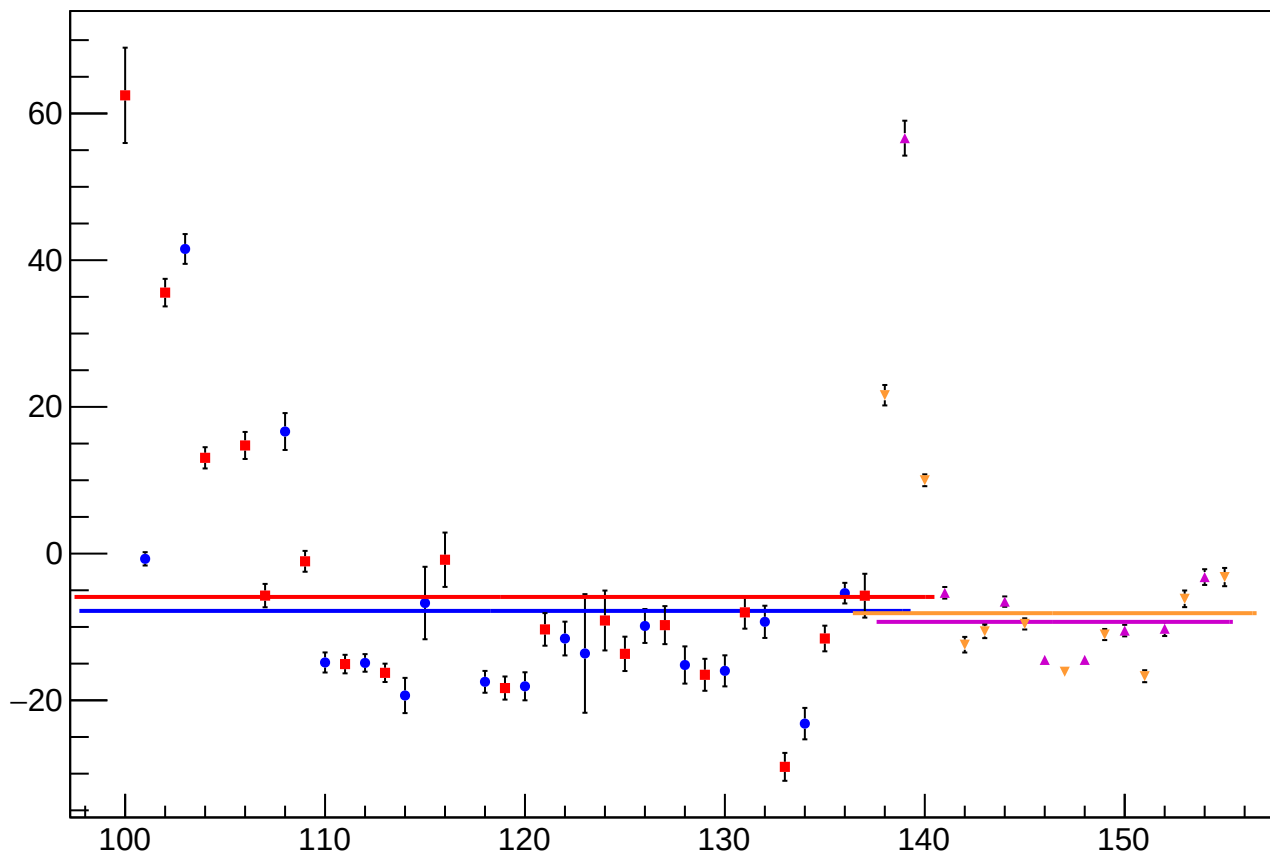
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -16.603 $\pm$ 0.417 χ^2 /NDF:608.8/7

Out: -24.257 $\pm$ 0.405 χ^2 /NDF:2266.3/9

All: -20.547 $\pm$ 0.291 χ^2 /NDF: 3048.3/17

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -8.122 ± 0.277 χ^2/NDF : 1292.2/9

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

Left In: -9.308 ± 0.285 χ^2/NDF : 977.8/7

Left: -8.697 ± 0.199 χ^2/NDF : 2279.0/17

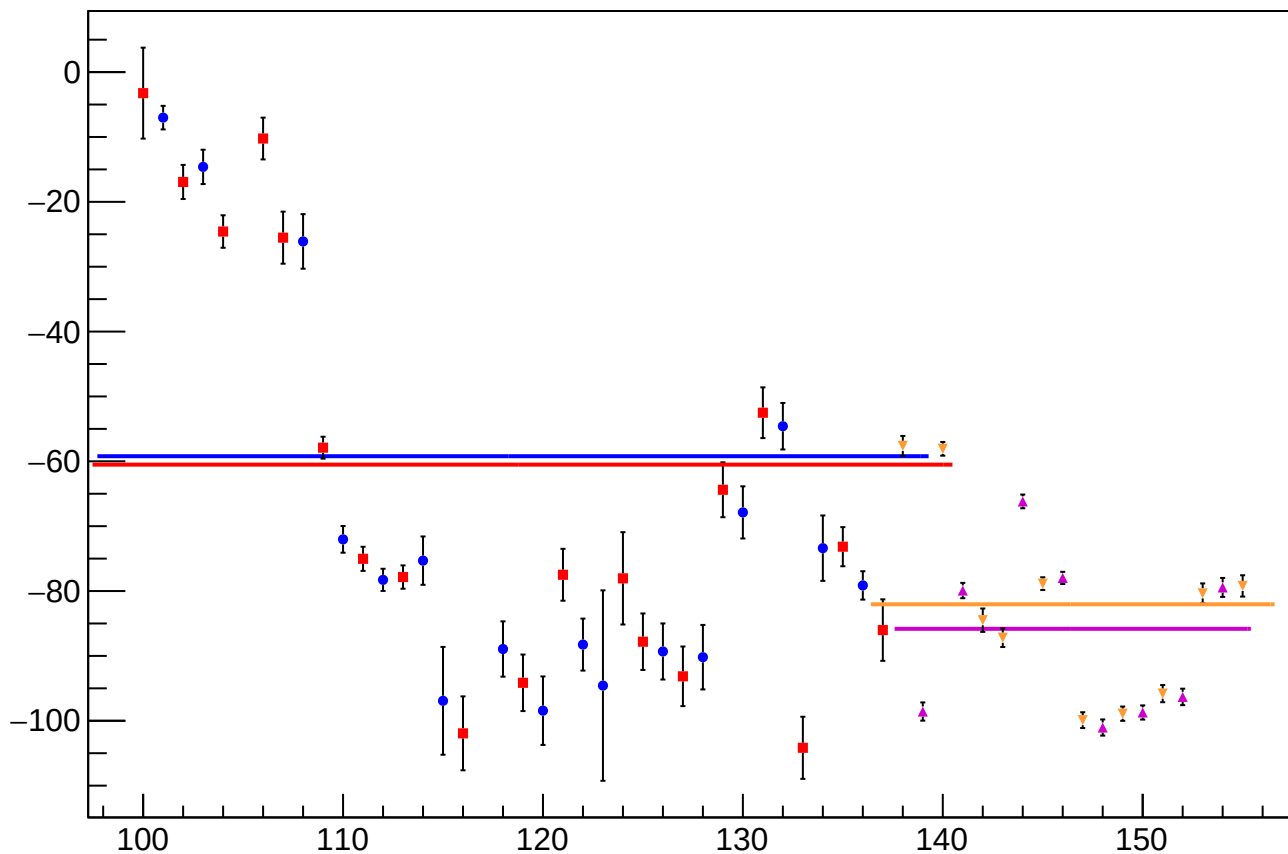
Right: -6.864 ± 0.303 χ^2/NDF : 2285.7/35

In: -8.847 ± 0.237 χ^2/NDF : 1969.1/24

Out: -7.472 ± 0.233 χ^2/NDF : 2604.1/28

All: -8.145 ± 0.166 χ^2/NDF : 4590.3/53

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -82.044 ± 0.408 χ^2/NDF : 1356.2/9

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

Left In: -85.824 ± 0.415 χ^2/NDF : 897.7/7

Left: -83.902 ± 0.291 χ^2/NDF : 2296.2/17

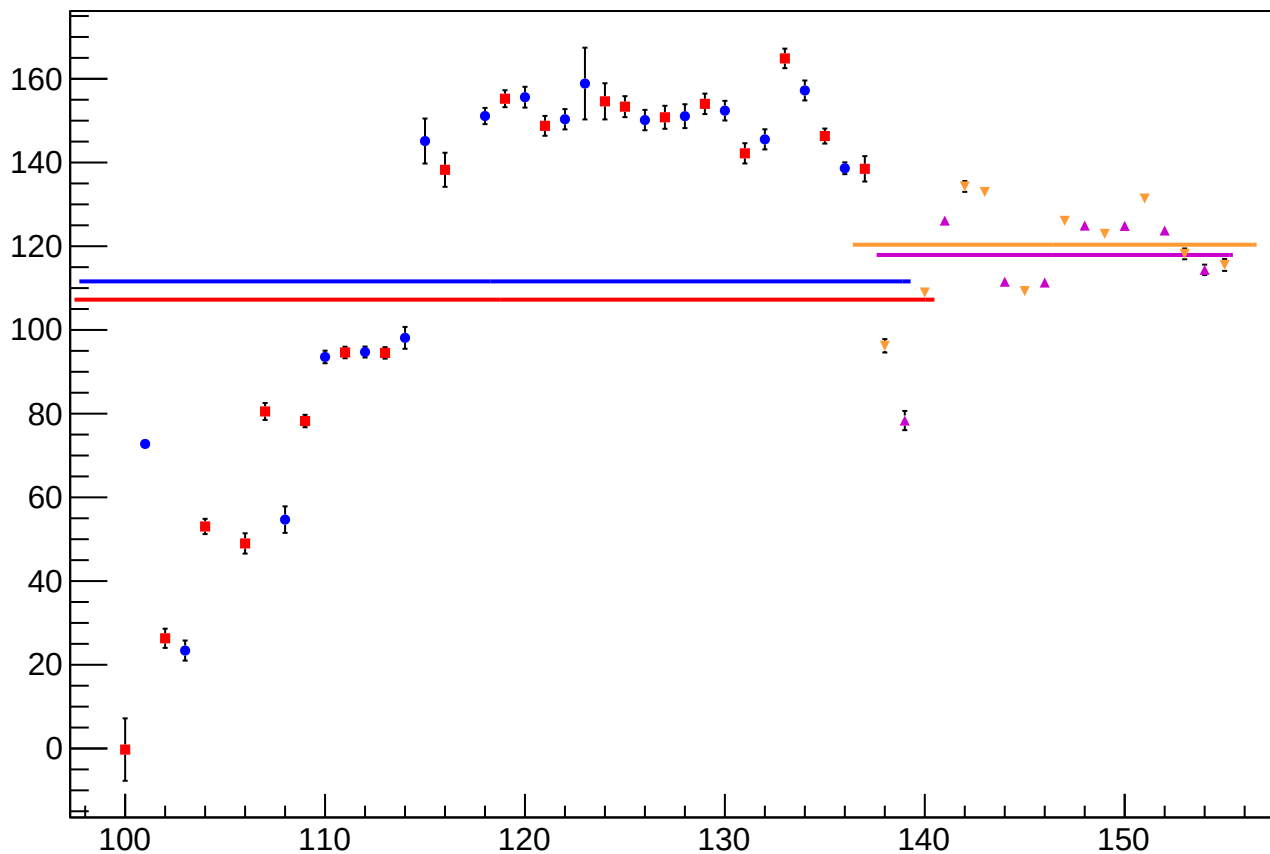
Right: -59.899 ± 0.511 χ^2/NDF : 3105.9/35

In: -79.514 ± 0.362 χ^2/NDF : 3594.7/24

Out: -76.637 ± 0.353 χ^2/NDF : 3440.2/28

All: -78.038 ± 0.253 χ^2/NDF : 7067.3/53

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

Left Out: 120.363 $\pm$ 0.339 χ^2 /NDF:946.8/9

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

Left In: 117.914 $\pm$ 0.349 χ^2 /NDF:654.1/7

Left: 119.175 $\pm$ 0.243 χ^2 /NDF: 1626.2/17

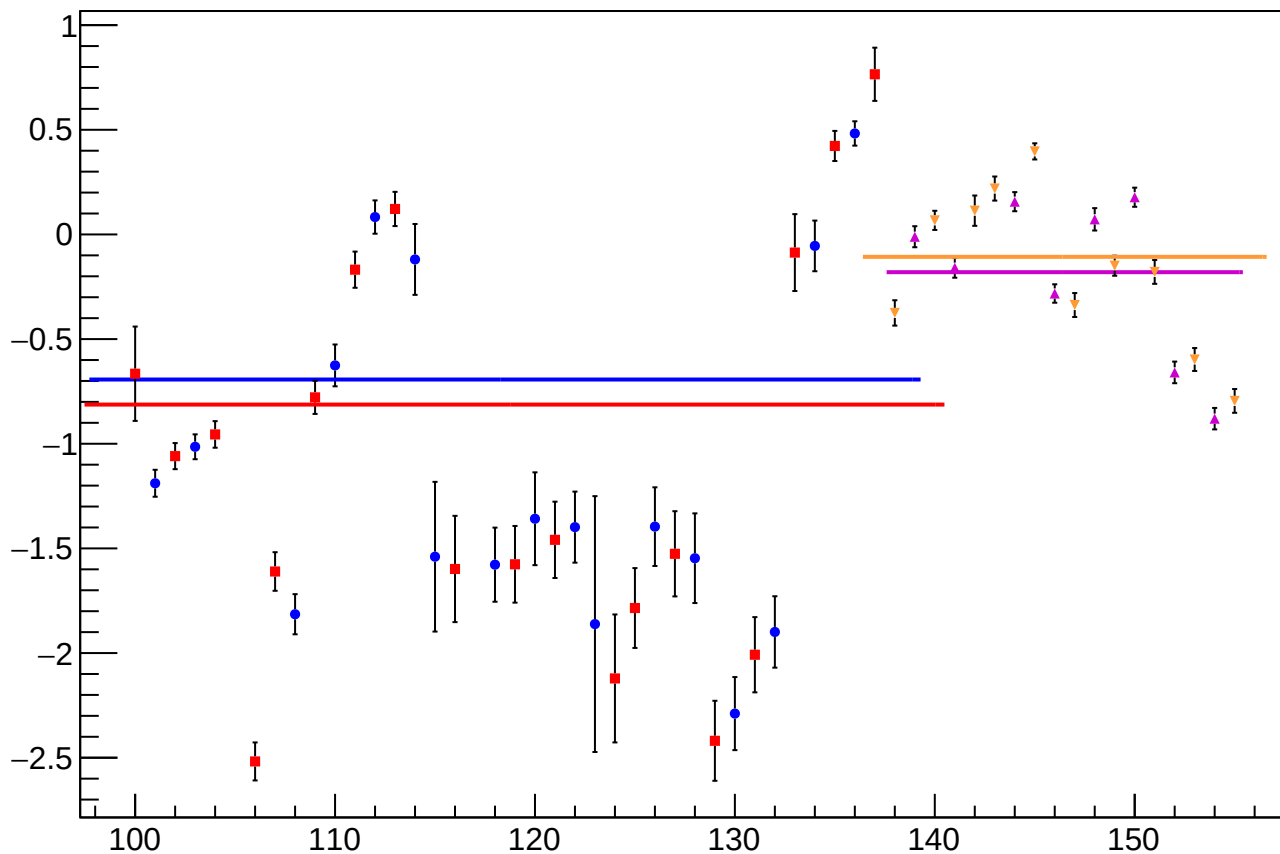
Right: 109.423 $\pm$ 0.344 χ^2 /NDF: 13037.0/35

In: 115.768 $\pm$ 0.284 χ^2 /NDF:6724.8/24

Out: 116.092 $\pm$ 0.278 χ^2 /NDF:8472.8/28

All: 115.933 $\pm$ 0.199 χ^2 /NDF: 15198.3/53

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: -0.107 ± 0.017 χ^2/NDF : 491.5/9

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

Left In: -0.180 ± 0.017 χ^2/NDF : 427.2/7

Left: -0.143 ± 0.012 χ^2/NDF : 928.1/17

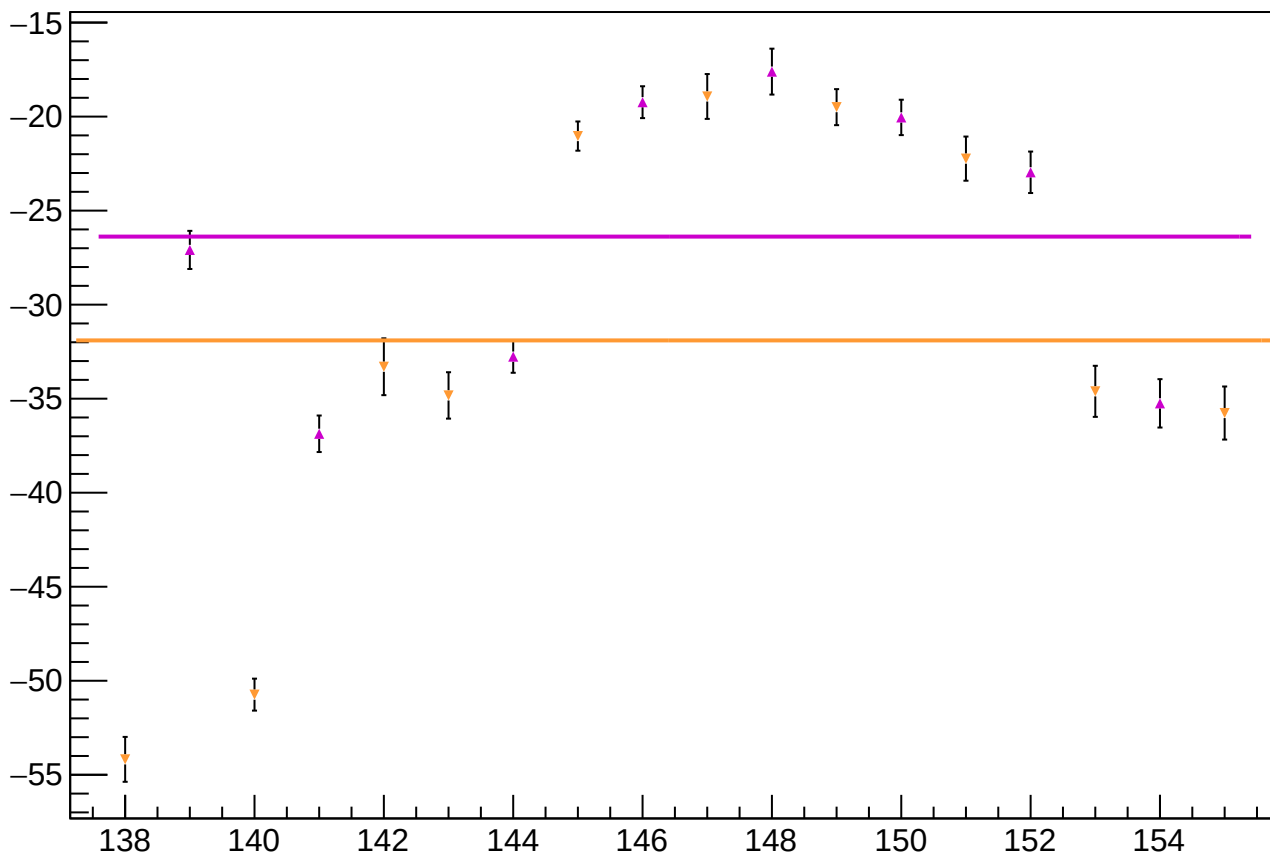
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.337 ± 0.014 χ^2/NDF : 1695.0/24

Out: -0.332 ± 0.014 χ^2/NDF : 2375.3/28

All: -0.334 ± 0.010 χ^2/NDF : 4070.3/53

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



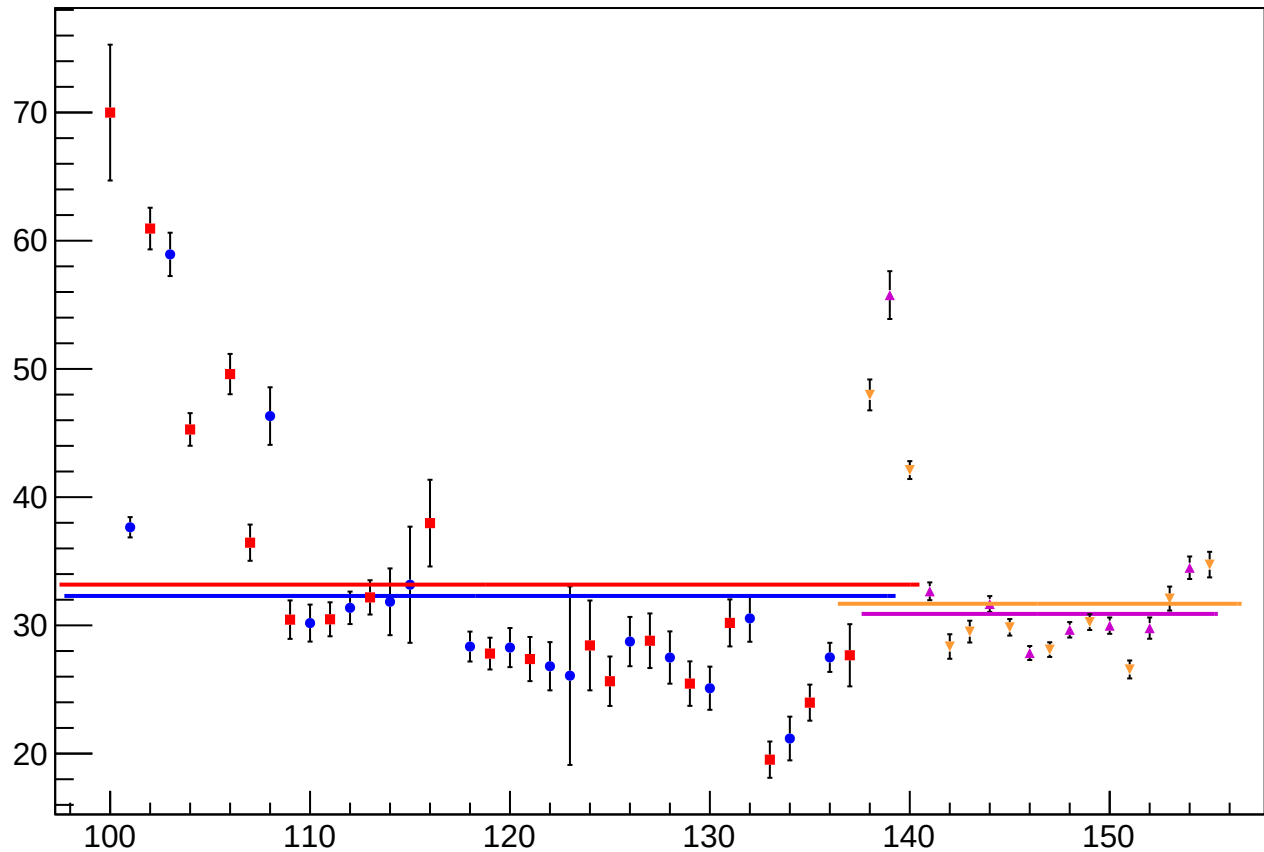
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.902+/-0.345 χ^2/NDF :1406.9/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.381+/-0.353 χ^2/NDF :397.7/7

Left: -29.207+/-0.247 χ^2/NDF : 1929.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.381+/-0.353 χ^2/NDF :397.7/7
 Out: -31.902+/-0.345 χ^2/NDF :1406.9/9

All: -29.207+/-0.247 χ^2/NDF : 1929.5/17

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295+/-0.373 χ^2/NDF : 452.2/16

Left Out: 31.685+/-0.239 χ^2/NDF : 540.7/9

Right Out: 33.180+/-0.379 χ^2/NDF : 770.3/18

Left In: 30.894+/-0.247 χ^2/NDF : 241.9/7

Left: 31.303+/-0.172 χ^2/NDF : 787.9/17

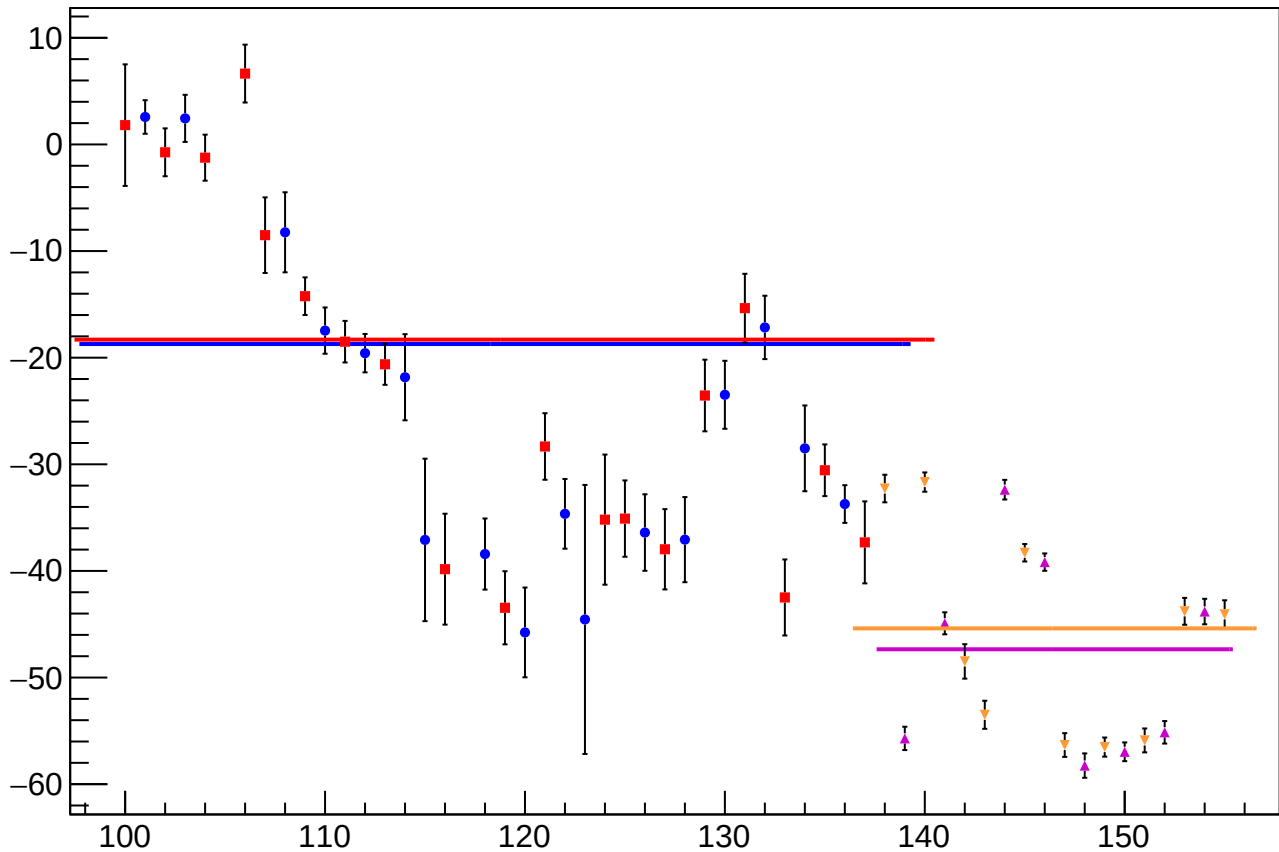
Right: 32.730+/-0.266 χ^2/NDF : 1225.3/35

In: 31.323+/-0.206 χ^2/NDF : 703.9/24

Out: 32.110+/-0.202 χ^2/NDF : 1322.1/28

All: 31.724+/-0.144 χ^2/NDF : 2033.5/53

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721 ± 0.665 $\chi^2/\text{NDF}: 519.6/16$

Left Out: -45.392 ± 0.347 $\chi^2/\text{NDF}: 790.2/9$

Right Out: -18.306 ± 0.644 $\chi^2/\text{NDF}: 472.6/18$

Left In: -47.349 ± 0.351 $\chi^2/\text{NDF}: 702.5/7$

Left: -46.358 ± 0.247 $\chi^2/\text{NDF}: 1508.5/17$

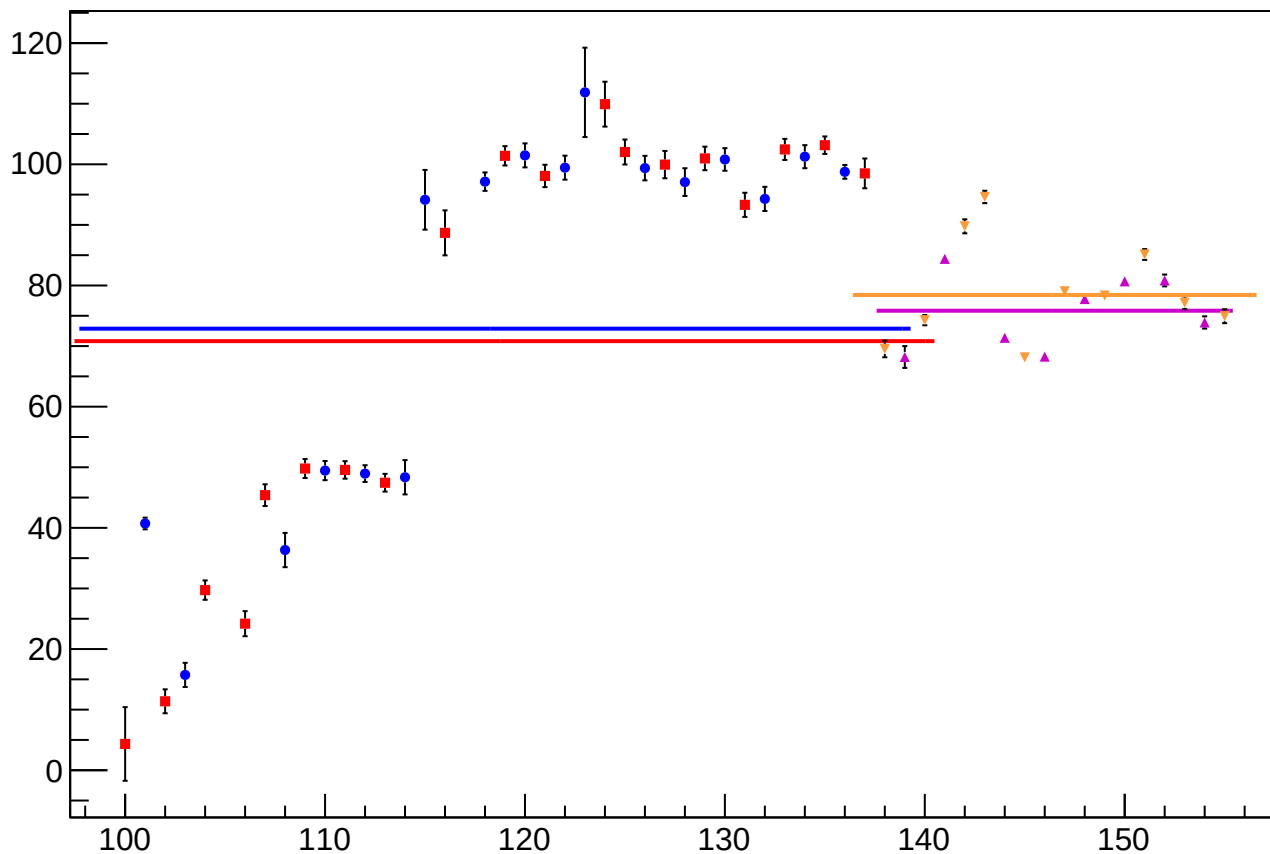
Right: -18.506 ± 0.463 $\chi^2/\text{NDF}: 992.4/35$

In: -41.115 ± 0.310 $\chi^2/\text{NDF}: 2670.2/24$

Out: -39.298 ± 0.305 $\chi^2/\text{NDF}: 2635.8/28$

All: -40.191 ± 0.218 $\chi^2/\text{NDF}: 5323.4/53$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875 $\pm$ 0.426 χ^2 /NDF: 4737.9/16

Left Out: 78.431 $\pm$ 0.291 χ^2 /NDF: 674.8/9

Right Out: 70.815 $\pm$ 0.433 χ^2 /NDF: 5489.3/18

Left In: 75.837 $\pm$ 0.300 χ^2 /NDF: 365.3/7

Left: 77.173 $\pm$ 0.209 χ^2 /NDF: 1078.6/17

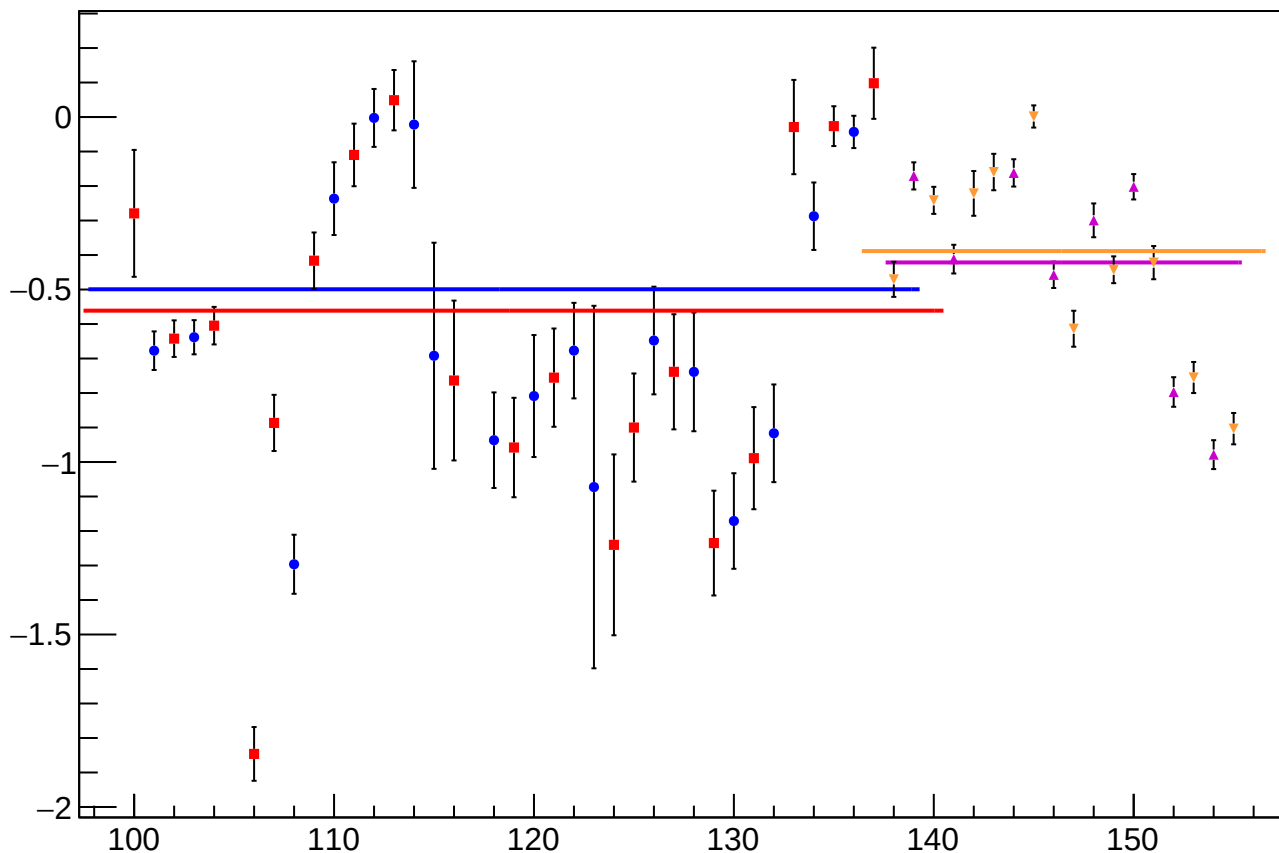
Right: 71.863 $\pm$ 0.304 χ^2 /NDF: 10238.7/35

In: 74.854 $\pm$ 0.245 χ^2 /NDF: 5135.6/24

Out: 76.064 $\pm$ 0.242 χ^2 /NDF: 6377.0/28

All: 75.468 $\pm$ 0.172 χ^2 /NDF: 11524.9/53

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: -0.389 ± 0.014 χ^2/NDF : 404.7/9

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

Left In: -0.422 ± 0.014 χ^2/NDF : 379.7/7

Left: -0.405 ± 0.010 χ^2/NDF : 787.0/17

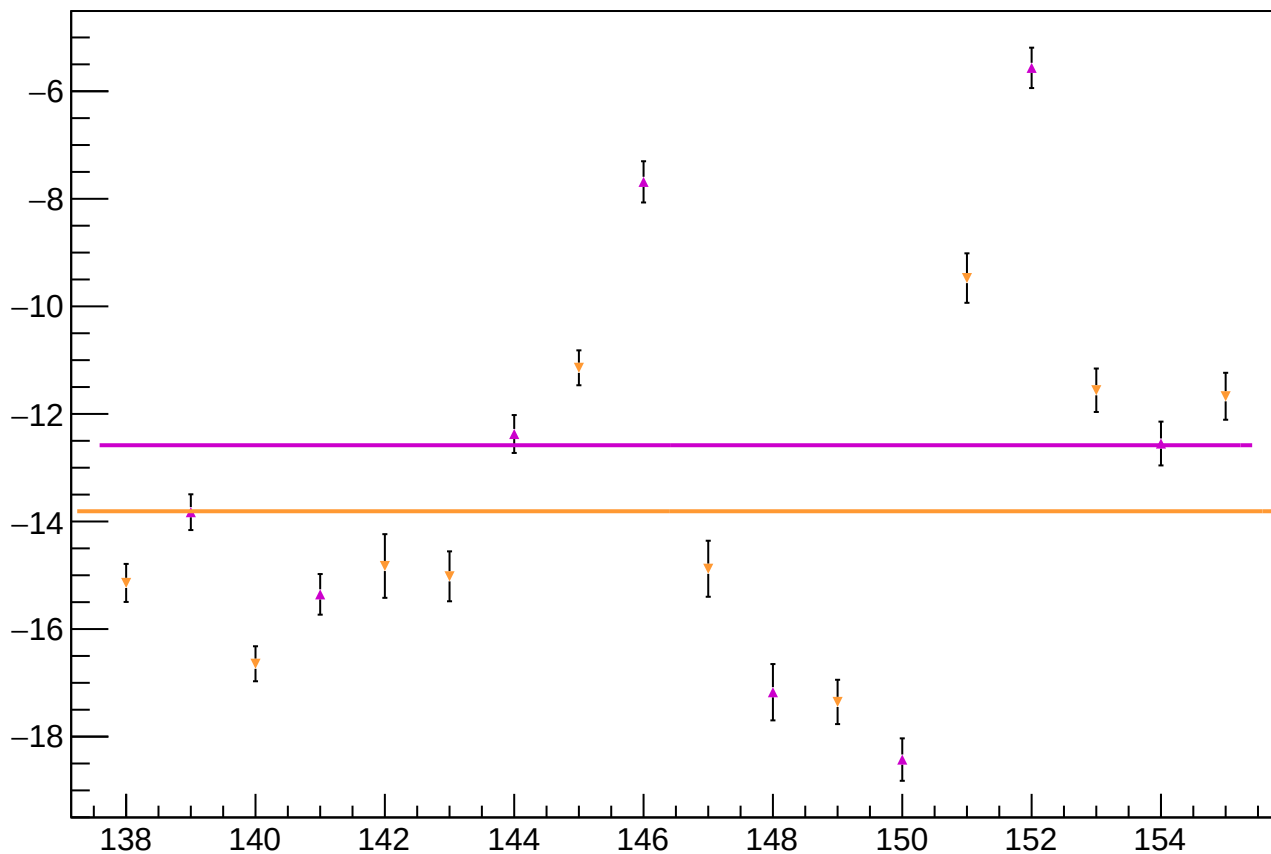
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.444 ± 0.012 χ^2/NDF : 691.8/24

Out: -0.441 ± 0.012 χ^2/NDF : 1012.4/28

All: -0.443 ± 0.008 χ^2/NDF : 1704.3/53

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.810+/-0.129 χ^2/NDF :389.5/9

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

Left In: -12.582+/-0.136 χ^2/NDF :877.1/7

Left: -13.228+/-0.094 χ^2/NDF : 1309.5/17

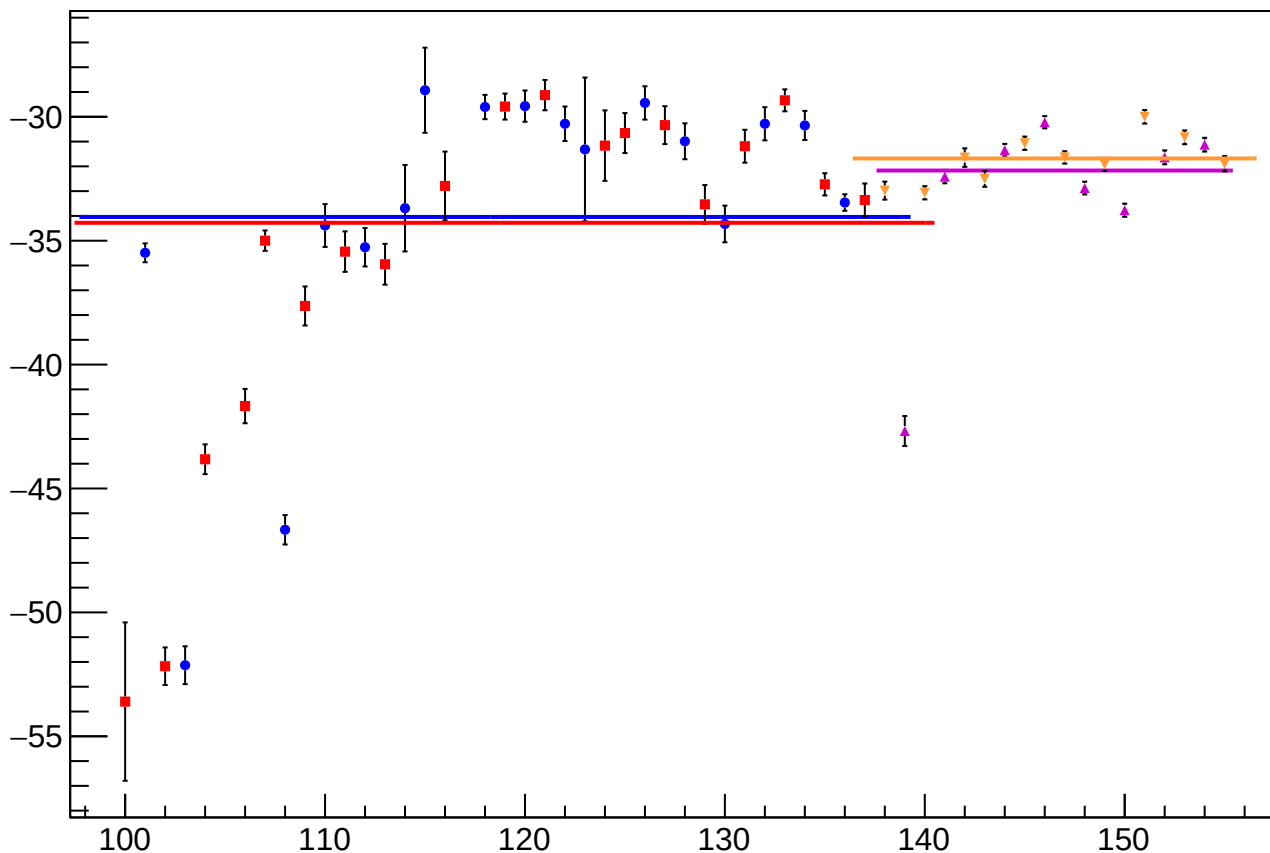
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.582+/-0.136 χ^2/NDF :877.1/7

Out: -13.810+/-0.129 χ^2/NDF :389.5/9

All: -13.228+/-0.094 χ^2/NDF : 1309.5/17

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: -31.682 ± 0.092 χ^2/NDF : 99.6/9

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

Left In: -32.169 ± 0.099 χ^2/NDF : 436.6/7

Left: -31.908 ± 0.067 χ^2/NDF : 549.2/17

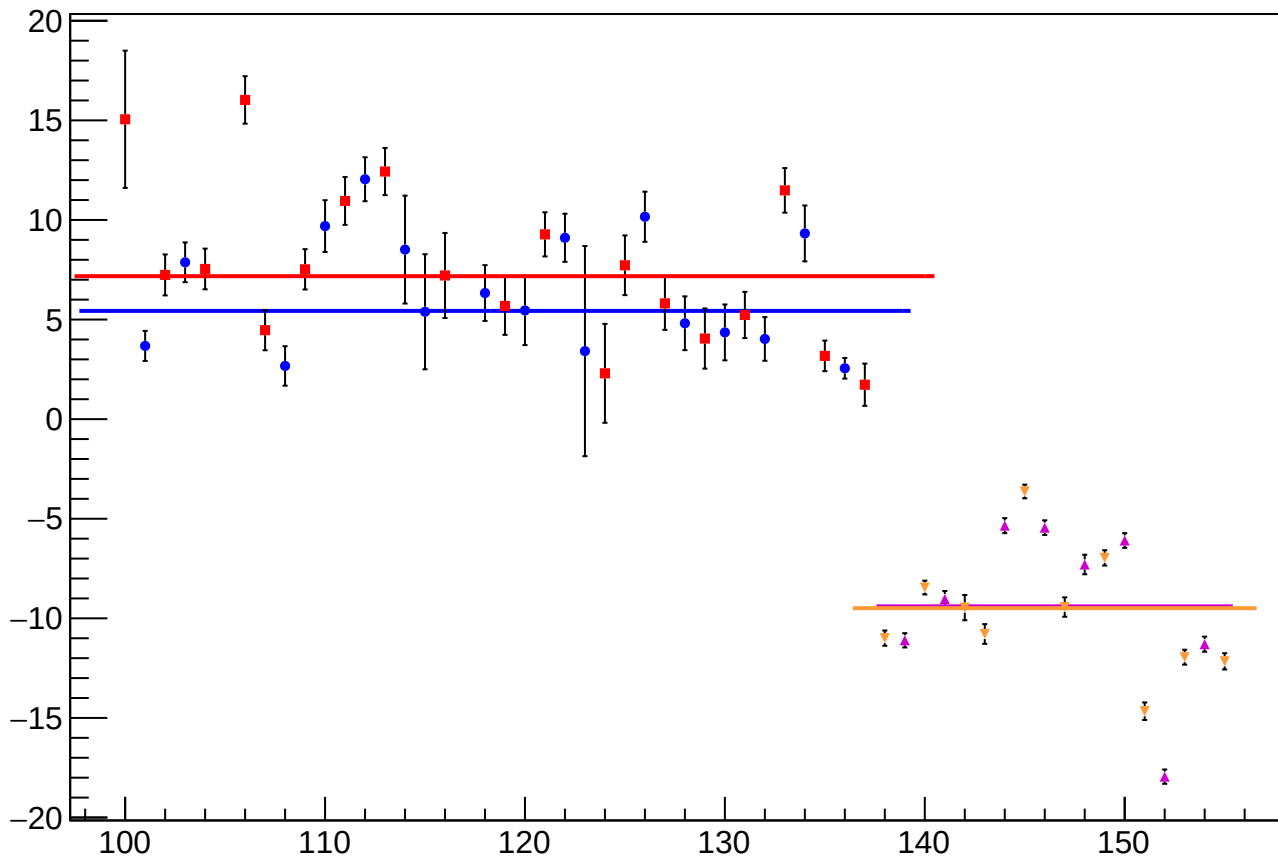
Right: -34.159 ± 0.107 χ^2/NDF : 2691.4/35

In: -32.730 ± 0.082 χ^2/NDF : 1885.6/24

Out: -32.381 ± 0.078 χ^2/NDF : 1665.3/28

All: -32.546 ± 0.057 χ^2/NDF : 3560.2/53

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 ± 0.270 $\chi^2/\text{NDF}: 132.0/16$

Left Out: -9.491 ± 0.130 $\chi^2/\text{NDF}: 590.0/9$

Right Out: 7.177 ± 0.274 $\chi^2/\text{NDF}: 182.6/18$

Left In: -9.397 ± 0.135 $\chi^2/\text{NDF}: 944.6/7$

Left: -9.446 ± 0.094 $\chi^2/\text{NDF}: 1534.9/17$

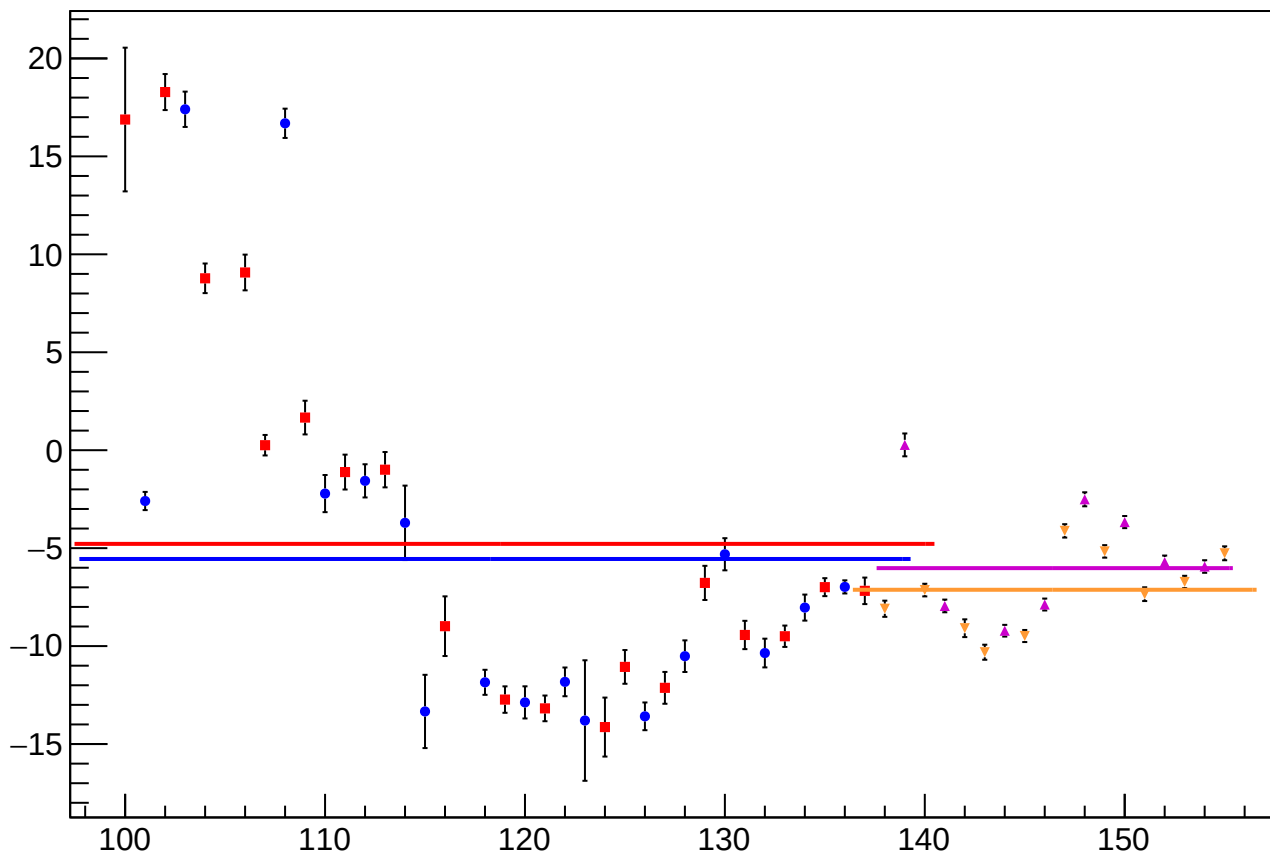
Right: 6.291 ± 0.192 $\chi^2/\text{NDF}: 335.1/35$

In: -6.410 ± 0.121 $\chi^2/\text{NDF}: 3494.3/24$

Out: -6.444 ± 0.117 $\chi^2/\text{NDF}: 3793.1/28$

All: -6.427 ± 0.084 $\chi^2/\text{NDF}: 7287.5/53$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -7.125 ± 0.110 χ^2/NDF : 295.8/9

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

Left In: -6.020 ± 0.118 χ^2/NDF : 458.0/7

Left: -6.611 ± 0.081 χ^2/NDF : 800.3/17

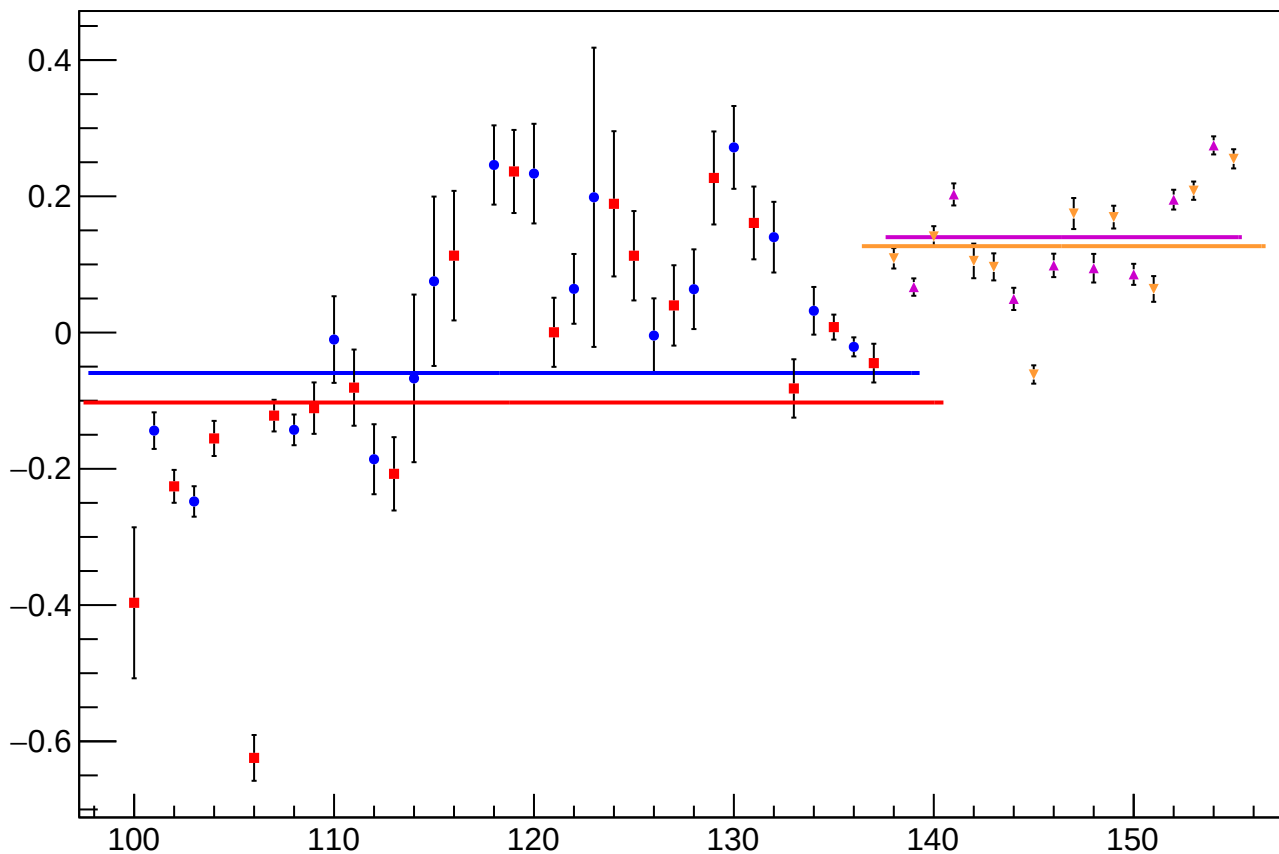
Right: -5.174 ± 0.121 χ^2/NDF : 4175.8/35

In: -5.868 ± 0.097 χ^2/NDF : 2588.4/24

Out: -6.445 ± 0.093 χ^2/NDF : 2466.7/28

All: -6.169 ± 0.067 χ^2/NDF : 5073.5/53

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: 0.127 ± 0.005 χ^2/NDF : 343.4/9

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

Left In: 0.140 ± 0.005 χ^2/NDF : 219.3/7

Left: 0.133 ± 0.004 χ^2/NDF : 565.8/17

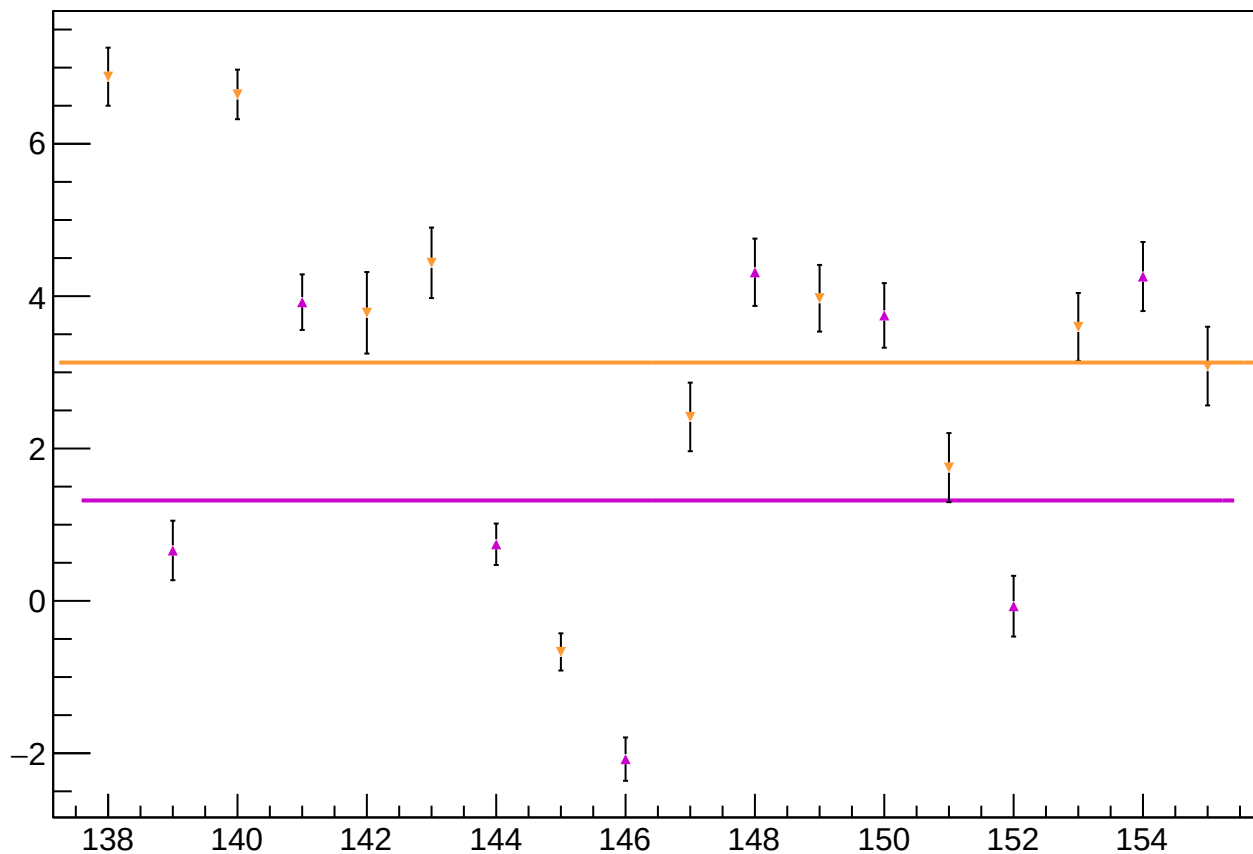
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: 0.081 ± 0.005 χ^2/NDF : 835.1/24

Out: 0.064 ± 0.004 χ^2/NDF : 1318.4/28

All: 0.072 ± 0.003 χ^2/NDF : 2160.9/53

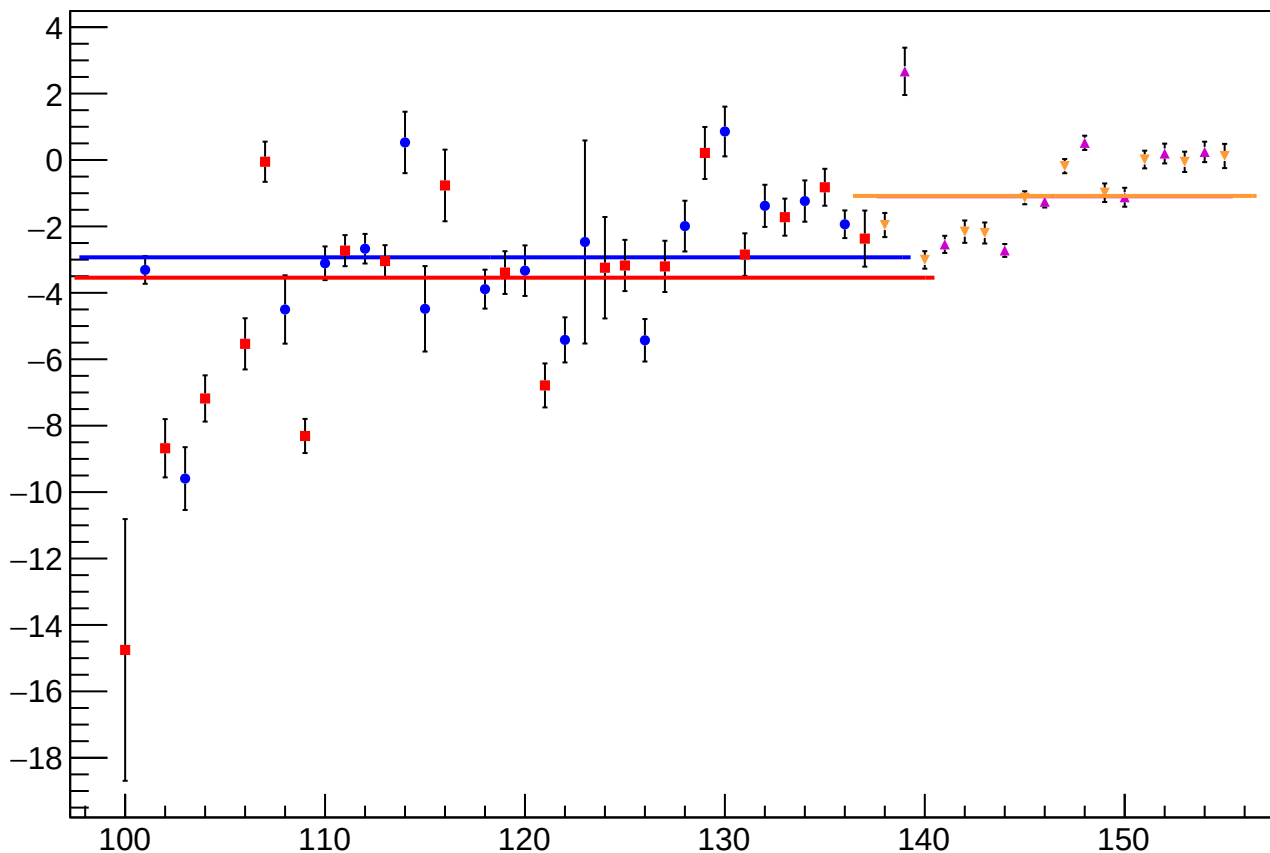
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.128+/-0.124 χ^2/NDF :482.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.318+/-0.127 χ^2/NDF :333.6/7

Left: 2.247+/-0.089 χ^2/NDF : 920.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.318+/-0.127 χ^2/NDF :333.6/7
 Out: 3.128+/-0.124 χ^2/NDF :482.8/9
 All: 2.247+/-0.089 χ^2/NDF : 920.3/17

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.082 ± 0.087 χ^2/NDF : 138.6/9

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

Left In: -1.092 ± 0.087 χ^2/NDF : 223.7/7

Left: -1.087 ± 0.061 χ^2/NDF : 362.3/17

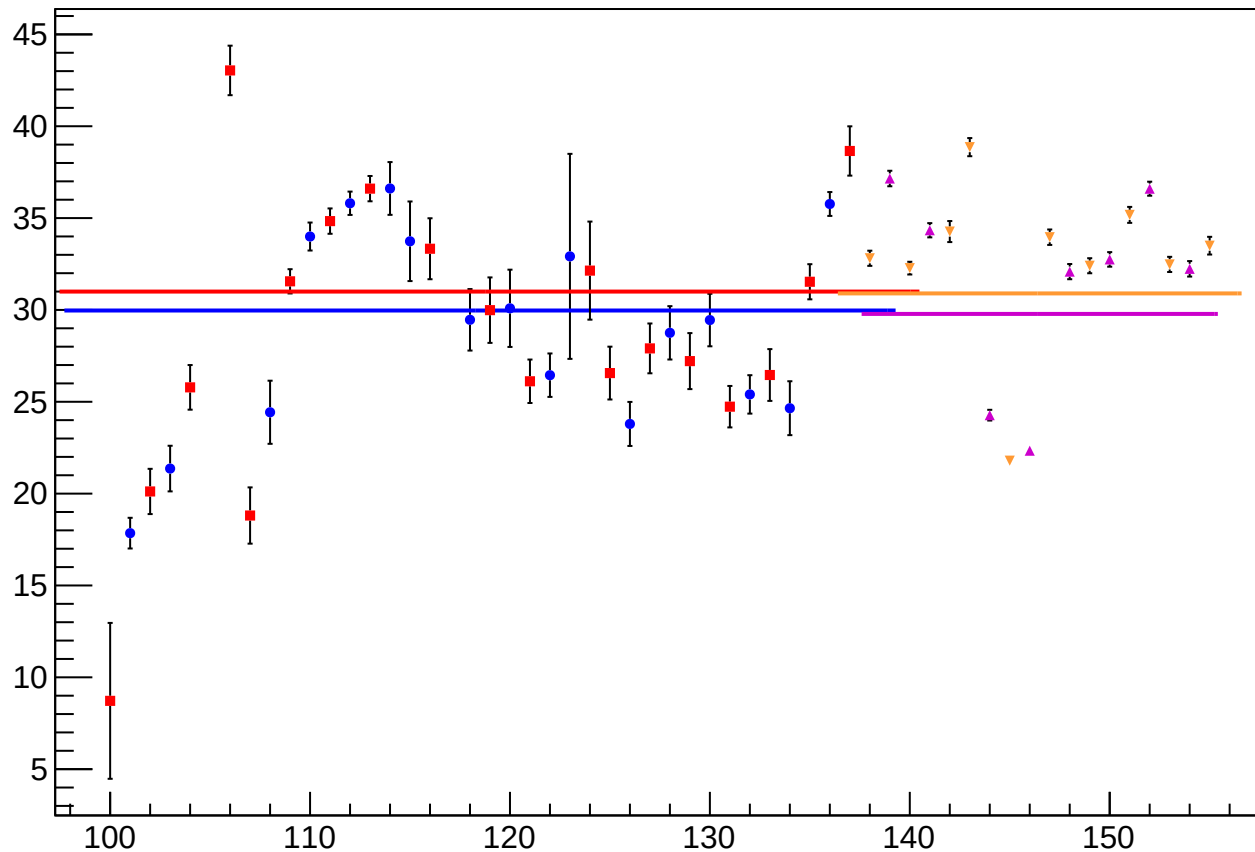
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -1.537 ± 0.076 χ^2/NDF : 478.3/24

Out: -1.669 ± 0.075 χ^2/NDF : 623.4/28

All: -1.603 ± 0.053 χ^2/NDF : 1103.2/53

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 30.899 $\pm$ 0.126 χ^2 /NDF: 1768.1/9

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

Left In: 29.783 $\pm$ 0.127 χ^2 /NDF: 1984.1/7

Left: 30.346 $\pm$ 0.089 χ^2 /NDF: 3791.2/17

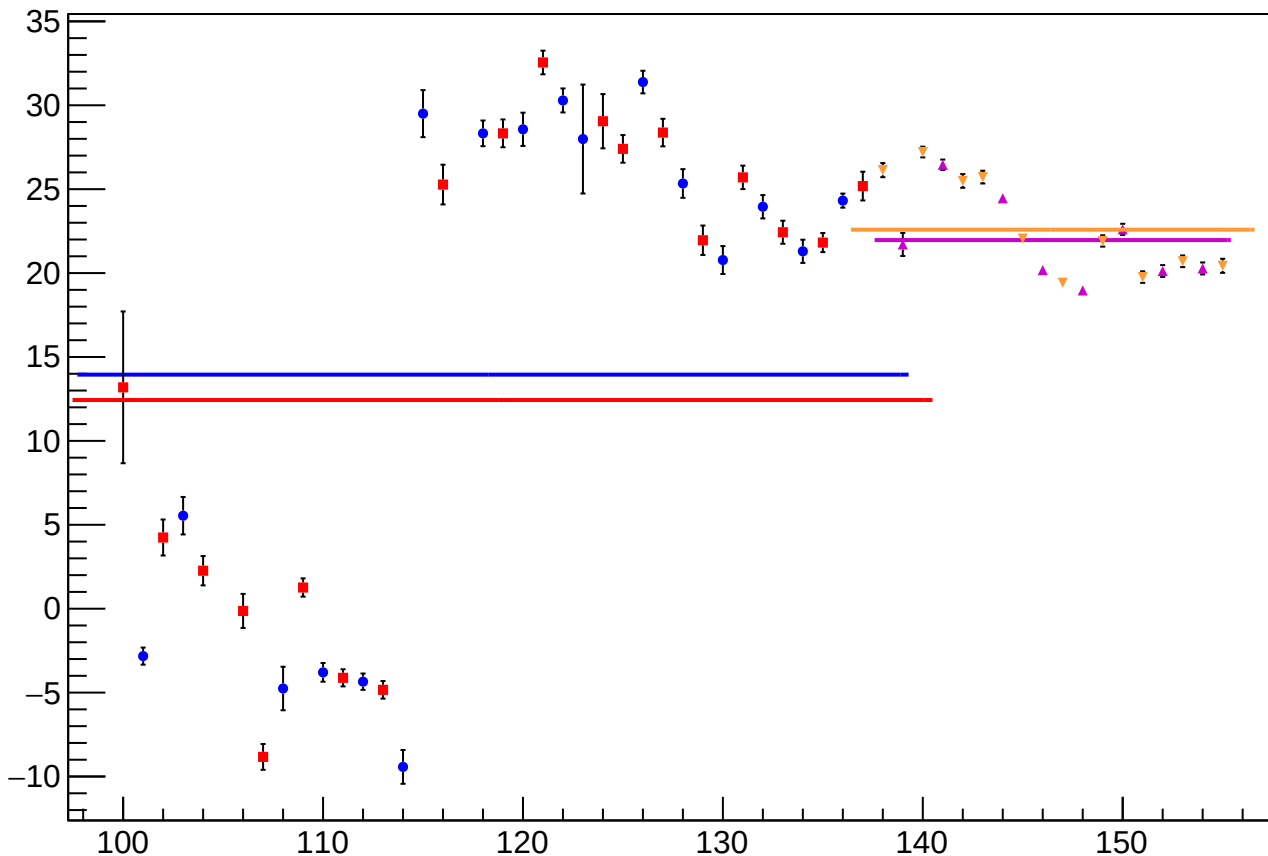
Right: 30.497 $\pm$ 0.186 χ^2 /NDF: 1041.5/35

In: 29.817 $\pm$ 0.115 χ^2 /NDF: 2538.8/24

Out: 30.918 $\pm$ 0.113 χ^2 /NDF: 2247.7/28

All: 30.374 $\pm$ 0.081 χ^2 /NDF: 4833.2/53

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 22.586 $\pm$ 0.105 χ^2 /NDF:646.0/9

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

Left In: 21.967 $\pm$ 0.107 χ^2 /NDF:542.9/7

Left: 22.281 $\pm$ 0.075 χ^2 /NDF: 1205.9/17

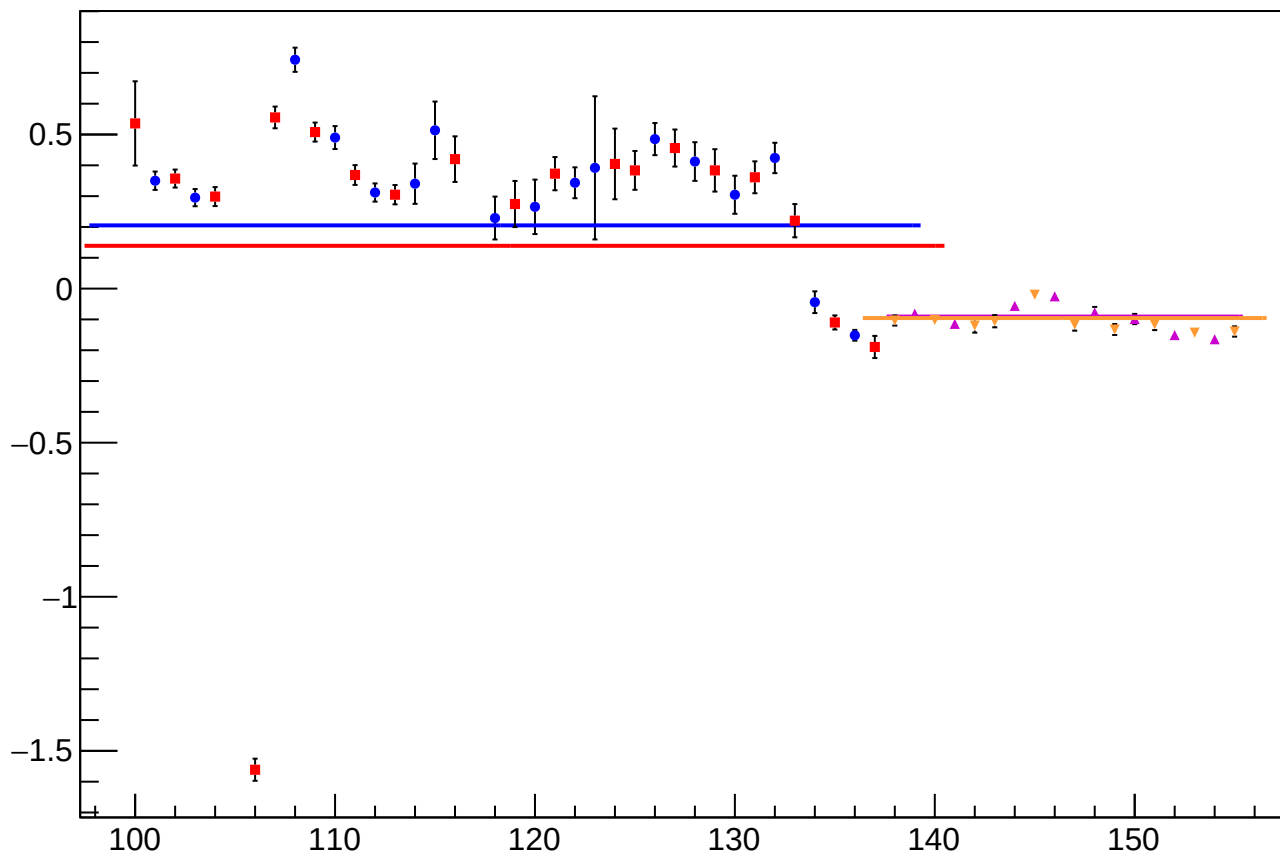
Right: 13.199 $\pm$ 0.122 χ^2 /NDF: 14393.1/35

In: 19.740 $\pm$ 0.091 χ^2 /NDF:9505.3/24

Out: 19.862 $\pm$ 0.090 χ^2 /NDF:10108.3/28

All: 19.801 $\pm$ 0.064 χ^2 /NDF: 19614.6/53

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.096 $\pm$ 0.005 χ^2 /NDF:81.0/9

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

Left In: -0.091 $\pm$ 0.005 χ^2 /NDF:77.7/7

Left: -0.093 $\pm$ 0.004 χ^2 /NDF: 159.2/17

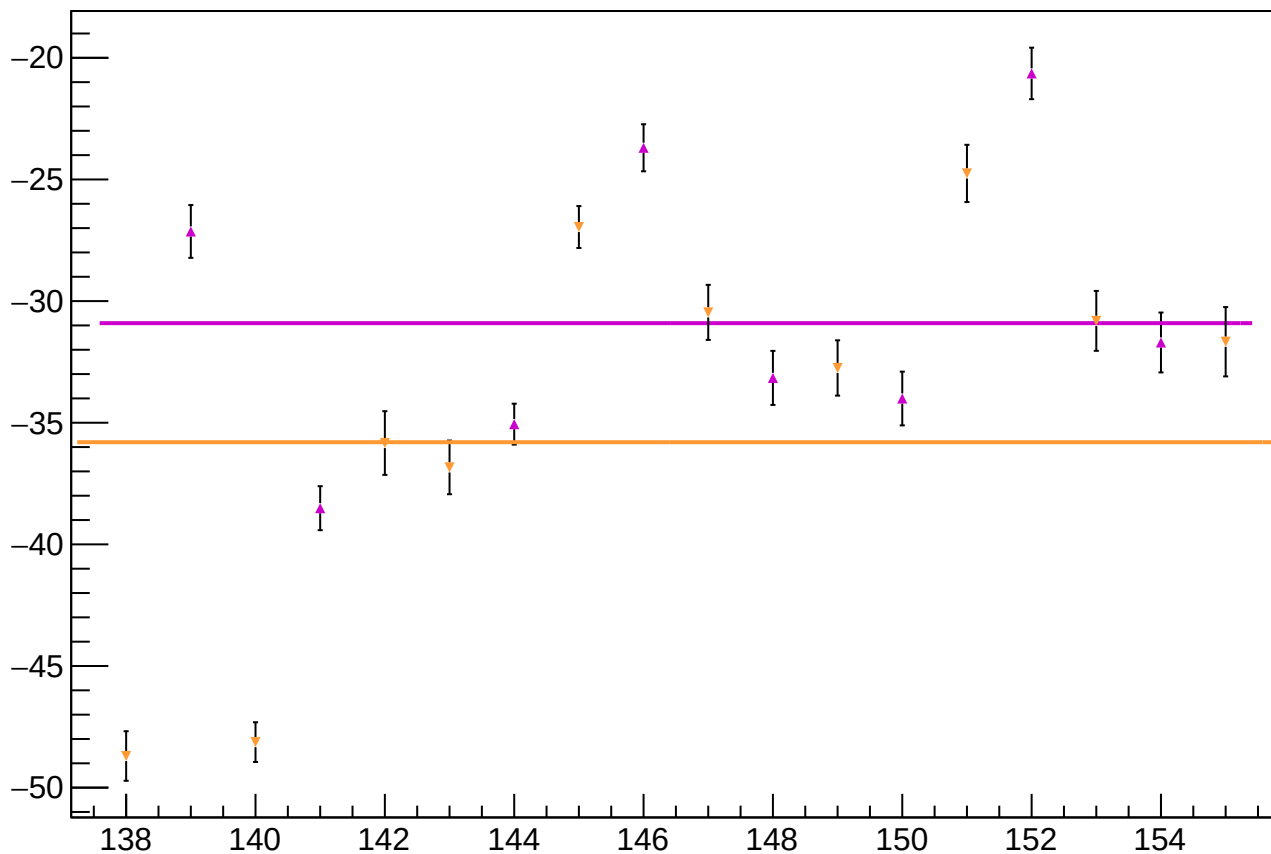
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: -0.020 $\pm$ 0.005 χ^2 /NDF:1685.4/24

Out: -0.041 $\pm$ 0.004 χ^2 /NDF:3596.3/28

All: -0.031 $\pm$ 0.003 χ^2 /NDF: 5292.2/53

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: -35.800+/-0.340 χ^2/NDF :637.1/9

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

Left In: -30.906+/-0.360 χ^2/NDF :269.1/7

Left: -33.490+/-0.247 χ^2/NDF : 1004.0/17

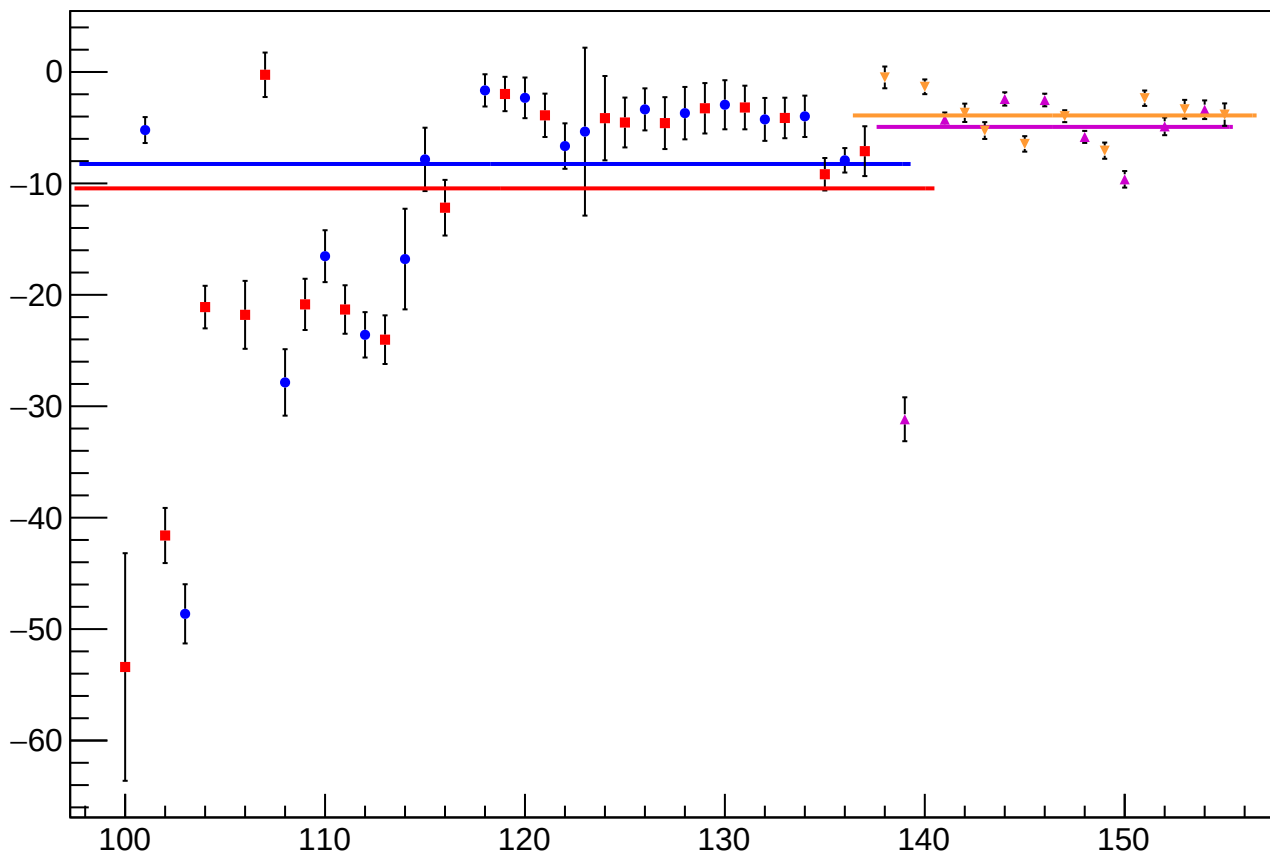
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.906+/-0.360 χ^2/NDF :269.1/7

Out: -35.800+/-0.340 χ^2/NDF :637.1/9

All: -33.490+/-0.247 χ^2/NDF : 1004.0/17

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.900 ± 0.233 χ^2/NDF : 68.5/9

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

Left In: -4.928 ± 0.244 χ^2/NDF : 260.2/7

Left: -4.390 ± 0.168 χ^2/NDF : 338.0/17

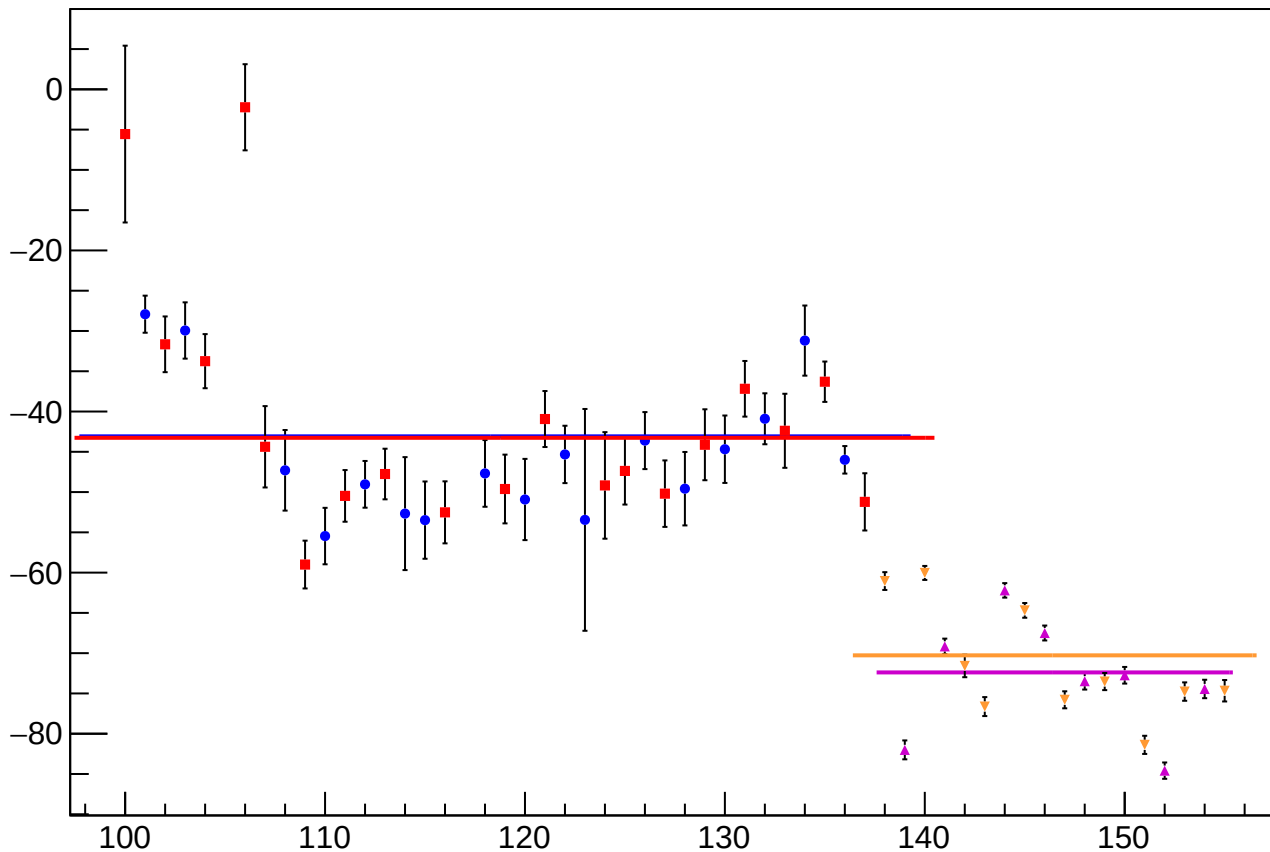
Right: -9.285 ± 0.337 χ^2/NDF : 851.1/35

In: -5.653 ± 0.216 χ^2/NDF : 712.9/24

Out: -5.099 ± 0.210 χ^2/NDF : 641.9/28

All: -5.369 ± 0.151 χ^2/NDF : 1358.3/53

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: -70.270 ± 0.344 χ^2/NDF : 435.9/9

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

Left In: -72.390 ± 0.358 χ^2/NDF : 383.6/7

Left: -71.287 ± 0.248 χ^2/NDF : 837.7/17

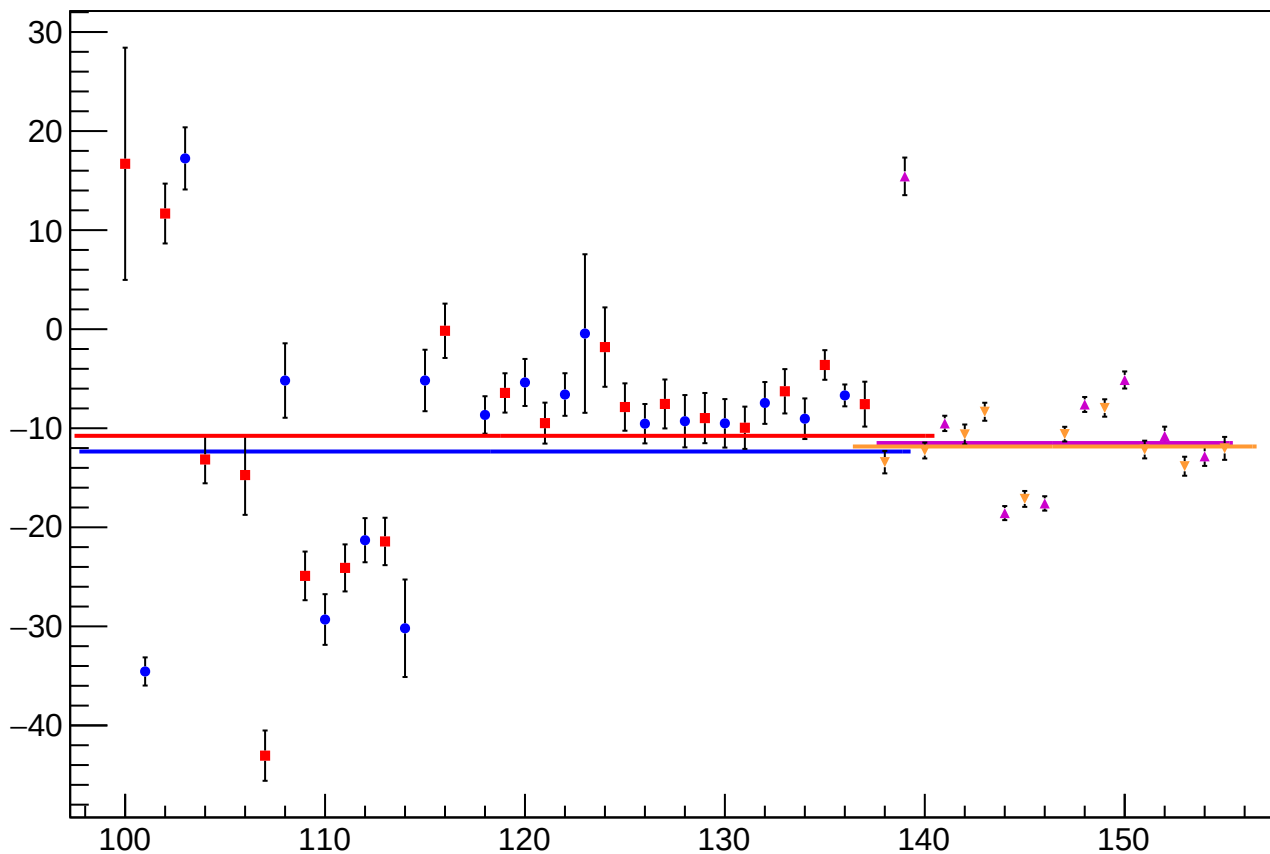
Right: -43.169 ± 0.601 χ^2/NDF : 253.4/35

In: -67.834 ± 0.329 χ^2/NDF : 1525.1/24

Out: -66.599 ± 0.319 χ^2/NDF : 1429.6/28

All: -67.199 ± 0.229 χ^2/NDF : 2962.0/53

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: -11.841 ± 0.285 χ^2/NDF : 88.9/9

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

Left In: -11.493 ± 0.300 χ^2/NDF : 460.5/7

Left: -11.676 ± 0.207 χ^2/NDF : 550.2/17

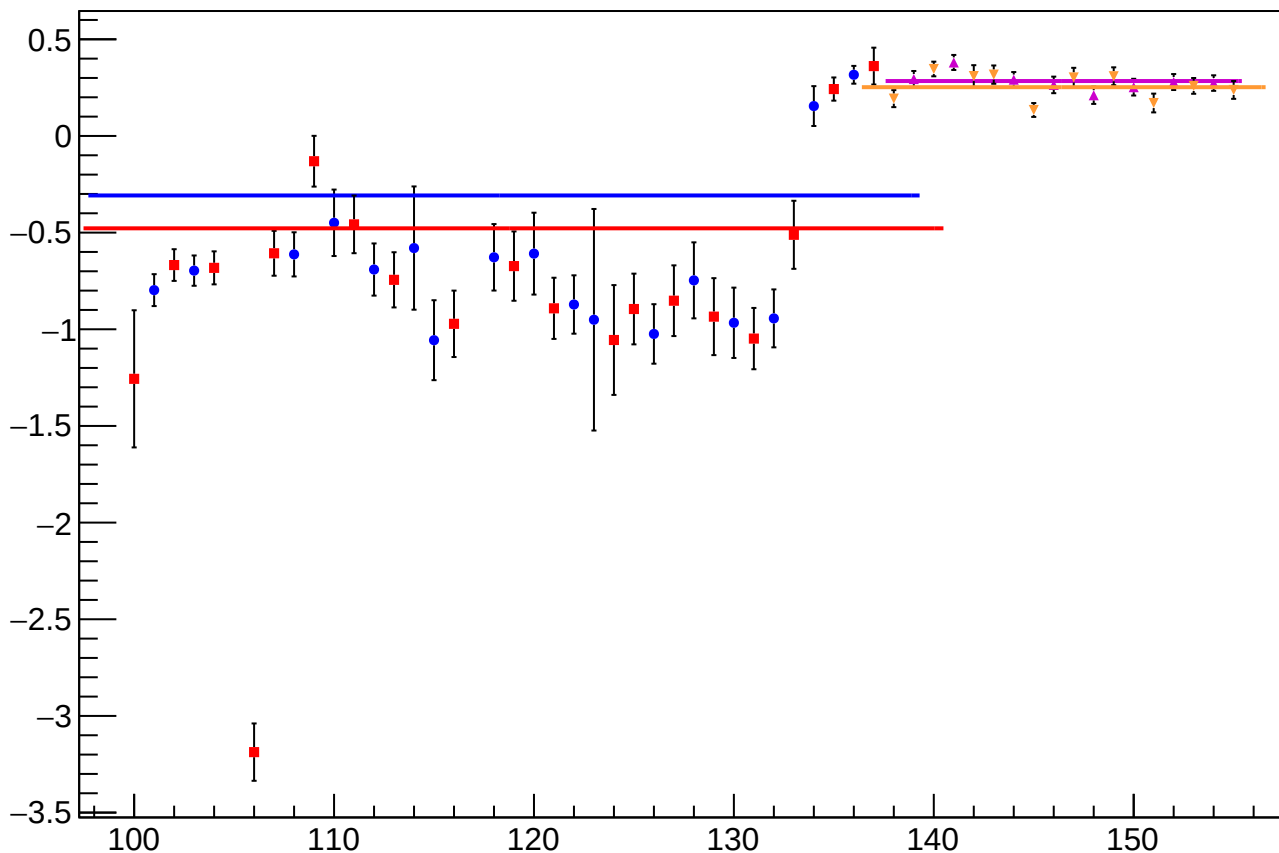
Right: -11.606 ± 0.379 χ^2/NDF : 846.9/35

In: -11.707 ± 0.260 χ^2/NDF : 938.5/24

Out: -11.616 ± 0.253 χ^2/NDF : 458.5/28

All: -11.660 ± 0.181 χ^2/NDF : 1397.1/53

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: 0.252 ± 0.014 χ^2/NDF : 27.2/9

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

Left In: 0.284 ± 0.015 χ^2/NDF : 9.8/7

Left: 0.267 ± 0.010 χ^2/NDF : 39.4/17

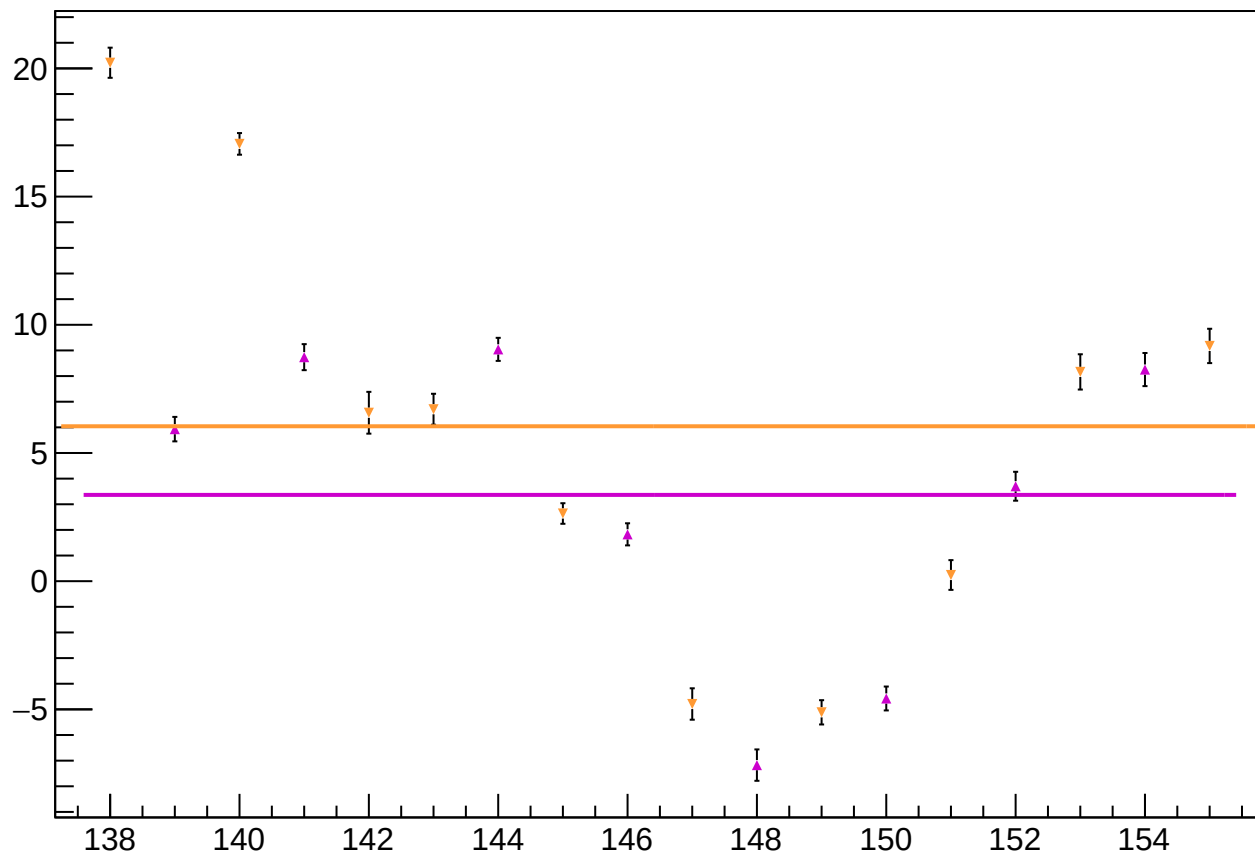
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.154 ± 0.013 χ^2/NDF : 743.1/24

Out: 0.111 ± 0.013 χ^2/NDF : 1186.5/28

All: 0.132 ± 0.009 χ^2/NDF : 1935.2/53

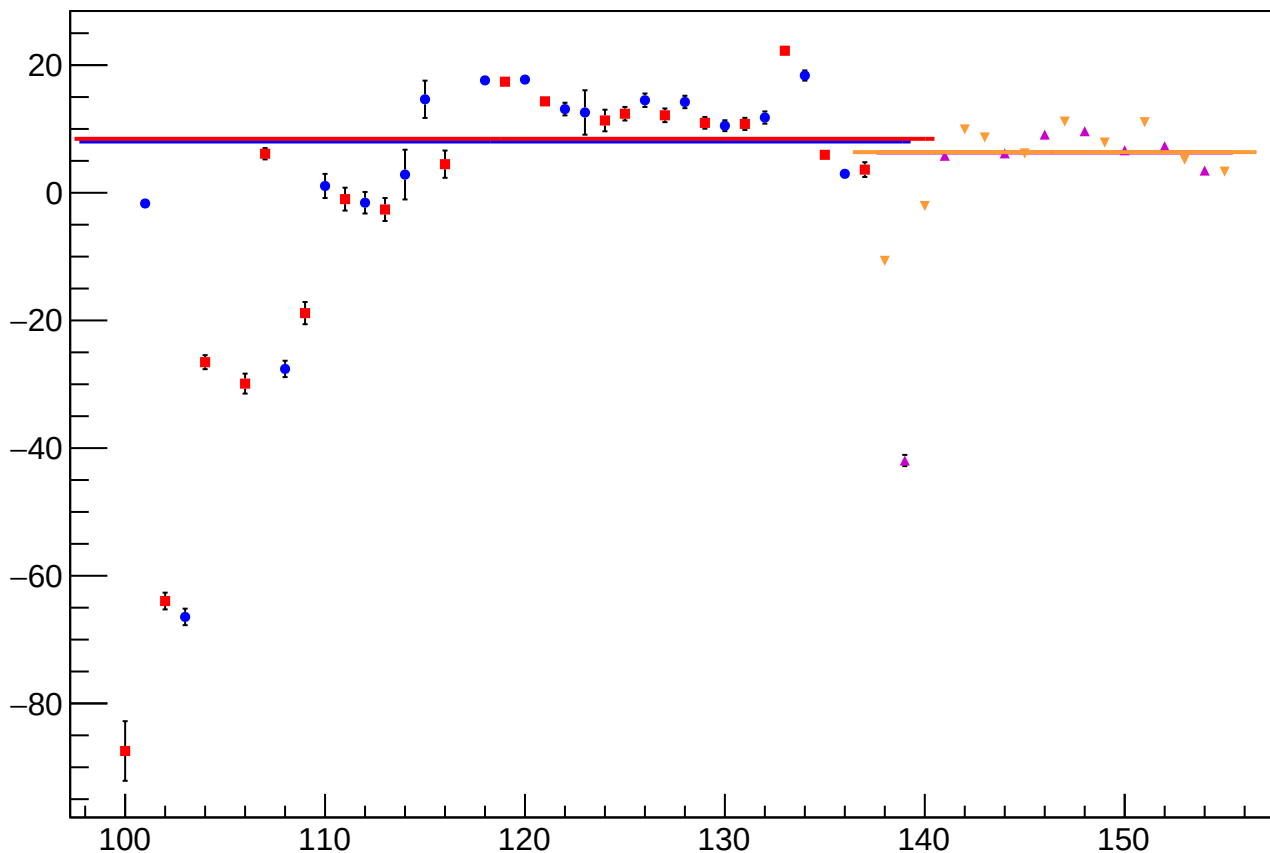
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.042+/-0.173 χ^2/NDF :2335.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.365+/-0.178 χ^2/NDF :957.8/7

Left: 4.745+/-0.124 χ^2/NDF : 3409.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.365+/-0.178 χ^2/NDF :957.8/7
 Out: 6.042+/-0.173 χ^2/NDF :2335.4/9
 All: 4.745+/-0.124 χ^2/NDF : 3409.2/17

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036+/-0.215 χ^2/NDF : 5369.4/16

Left Out: 6.368+/-0.120 χ^2/NDF : 1996.8/9

Right Out: 8.454+/-0.213 χ^2/NDF : 6704.4/18

Left In: 6.312+/-0.126 χ^2/NDF : 3284.2/7

Left: 6.341+/-0.087 χ^2/NDF : 5281.2/17

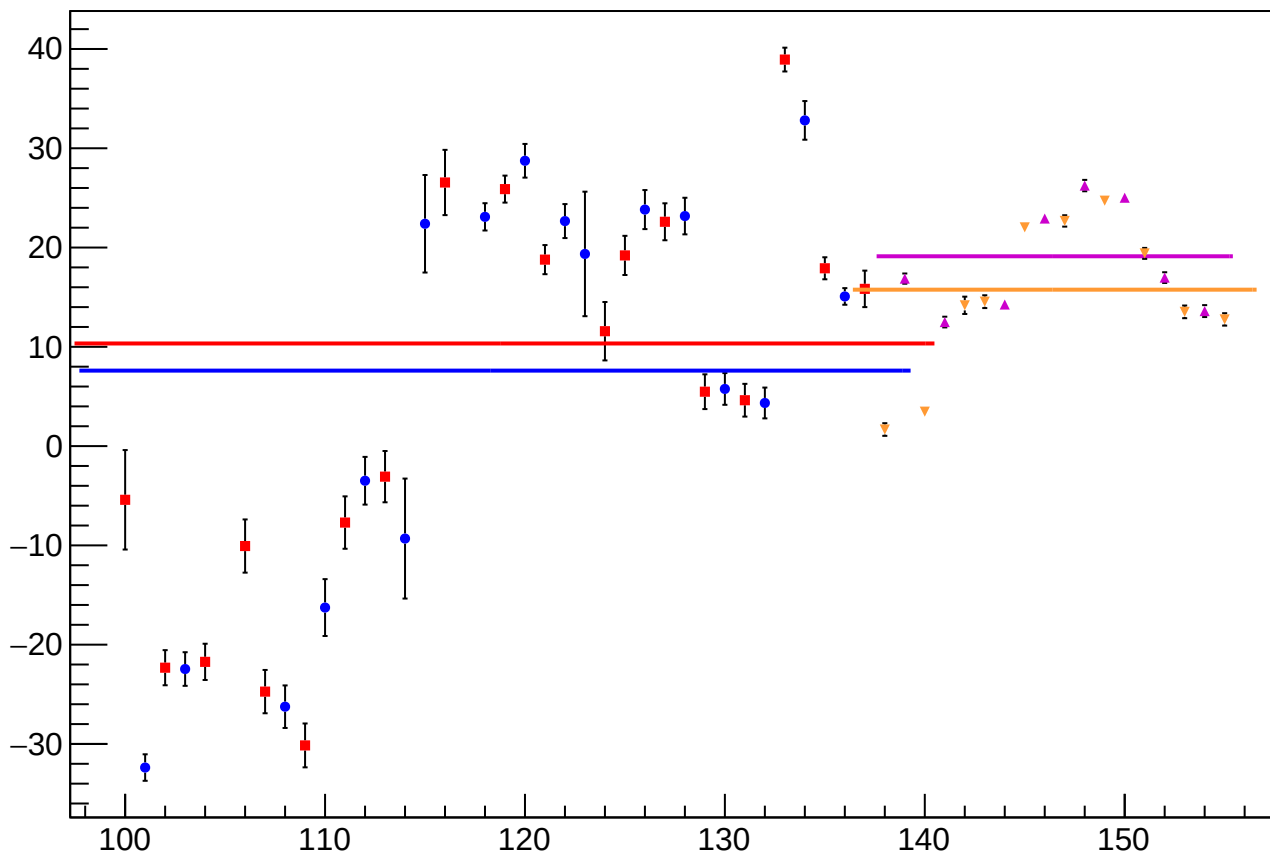
Right: 8.247+/-0.151 χ^2/NDF : 12075.7/35

In: 6.751+/-0.109 χ^2/NDF : 8701.5/24

Out: 6.870+/-0.105 χ^2/NDF : 8773.8/28

All: 6.813+/-0.075 χ^2/NDF : 17475.9/53

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 15.757 ± 0.174 χ^2/NDF : 2095.3/9

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

Left In: 19.120 ± 0.177 χ^2/NDF : 793.2/7

Left: 17.406 ± 0.124 χ^2/NDF : 3072.2/17

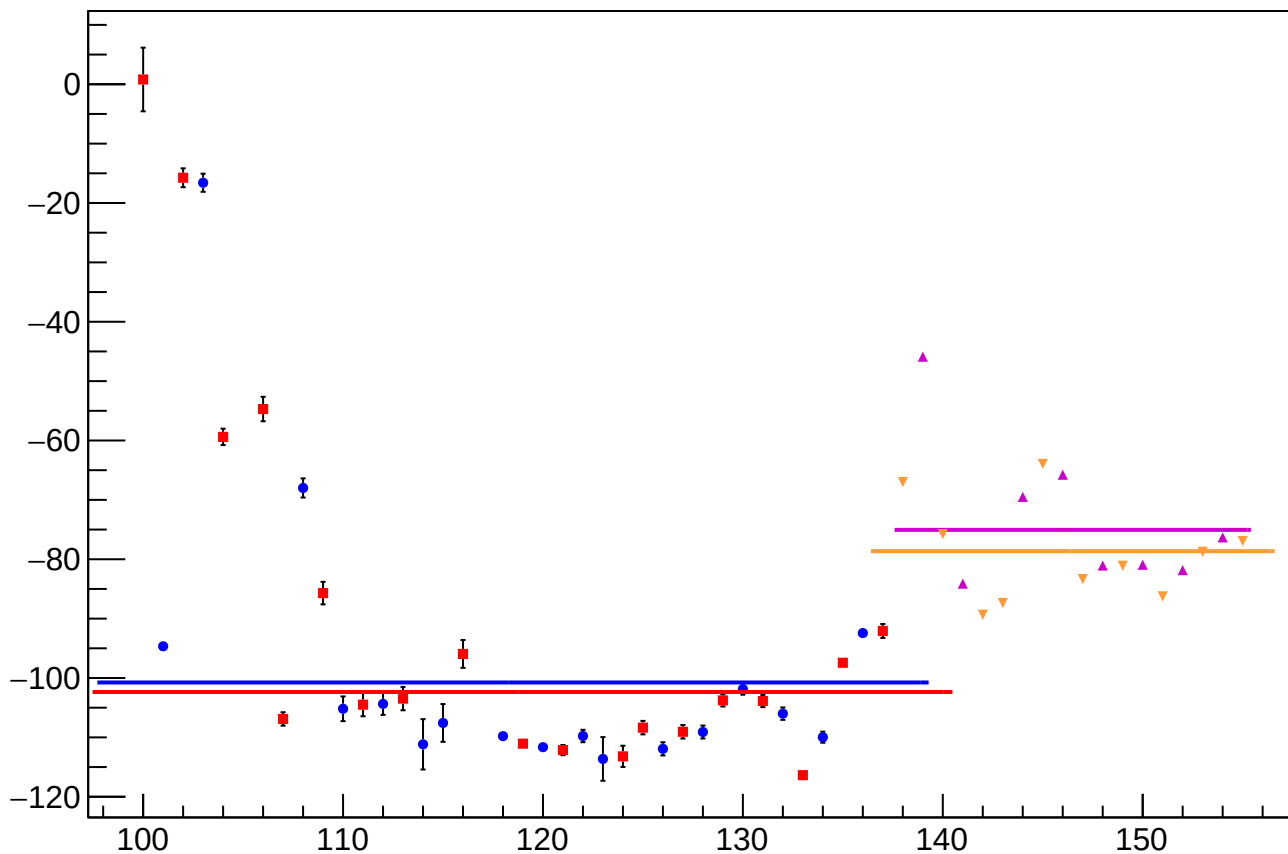
Right: 8.969 ± 0.294 χ^2/NDF : 4628.4/35

In: 17.350 ± 0.163 χ^2/NDF : 3767.5/24

Out: 14.953 ± 0.160 χ^2/NDF : 4521.3/28

All: 16.132 ± 0.114 χ^2/NDF : 8398.7/53

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: -78.641+/-0.146 χ^2 /NDF:2932.0/9

Right Out: -102.354+/-0.246 χ^2 /NDF: 6078.9/18

Left In: -75.053+/-0.152 χ^2 /NDF:3212.0/7

Left: -76.924+/-0.105 χ^2 /NDF: 6432.9/17

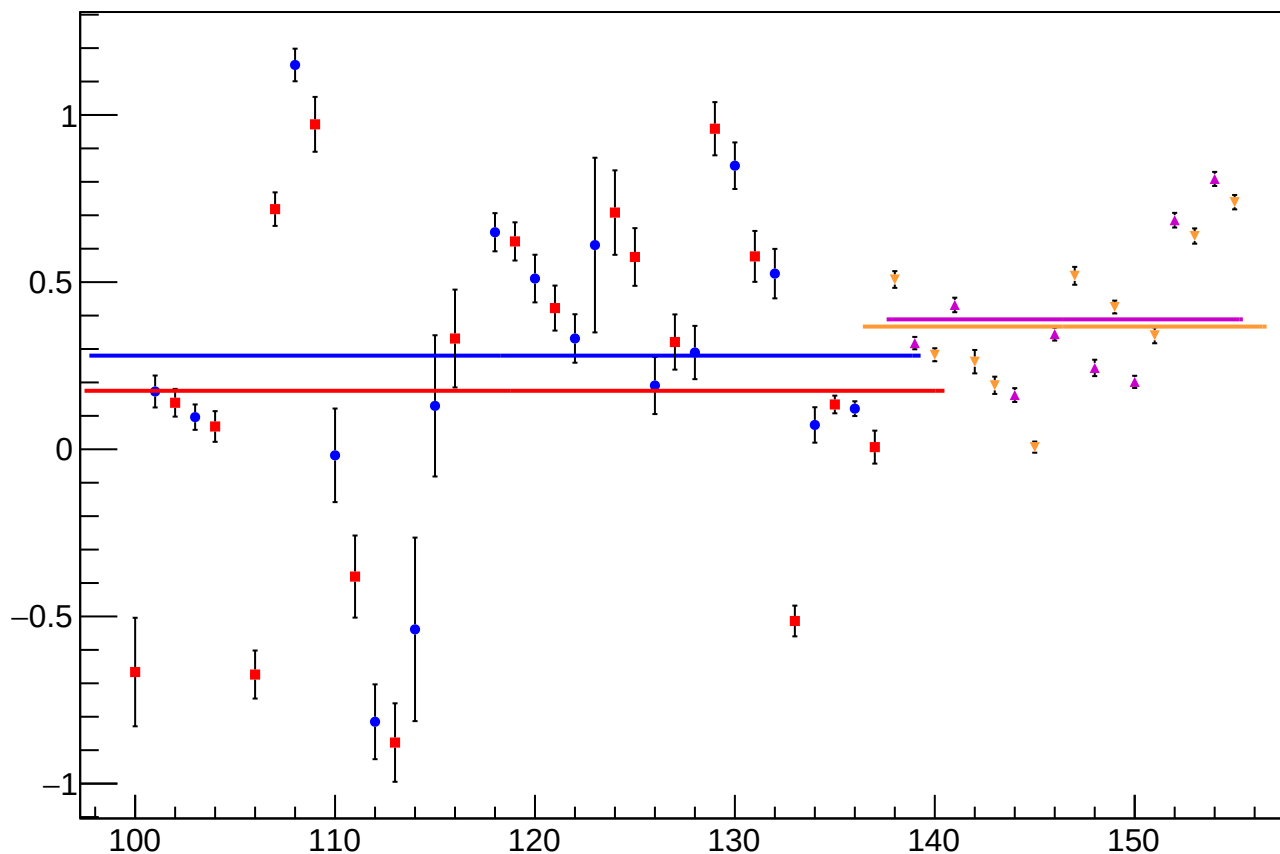
Right: -101.559+/-0.175 χ^2 /NDF: 10622.5/35

In: -82.101+/-0.130 χ^2 /NDF:15528.0/24

Out: -84.813+/-0.126 χ^2 /NDF:15871.7/28

All: -83.502+/-0.090 χ^2 /NDF: 31625.0/53

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: 0.367 ± 0.007 χ^2/NDF : 1055.8/9

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

Left In: 0.389 ± 0.007 χ^2/NDF : 864.9/7

Left: 0.378 ± 0.005 χ^2/NDF : 1925.2/17

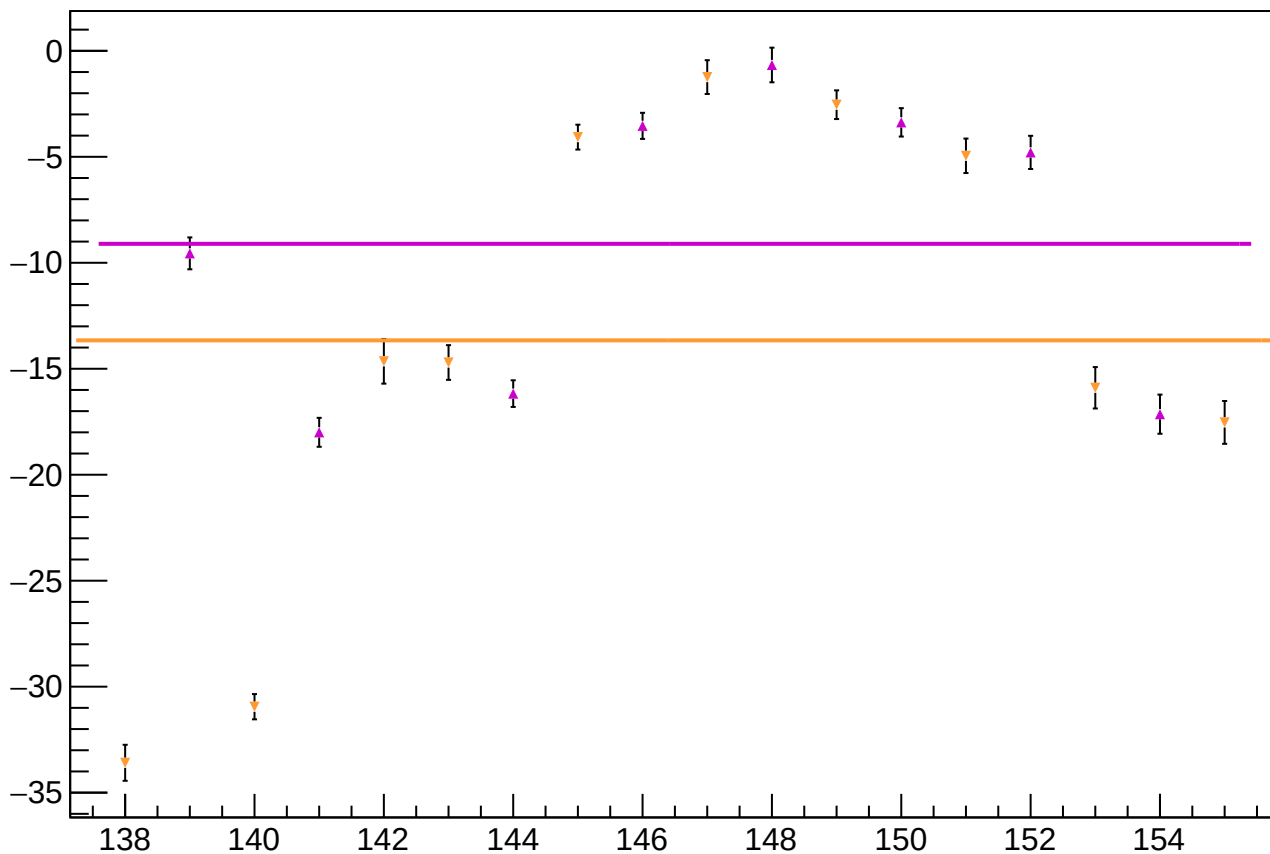
Right: 0.227 ± 0.010 χ^2/NDF : 1653.2/35

In: 0.364 ± 0.006 χ^2/NDF : 1571.1/24

Out: 0.326 ± 0.006 χ^2/NDF : 2182.5/28

All: 0.344 ± 0.004 χ^2/NDF : 3772.3/53

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



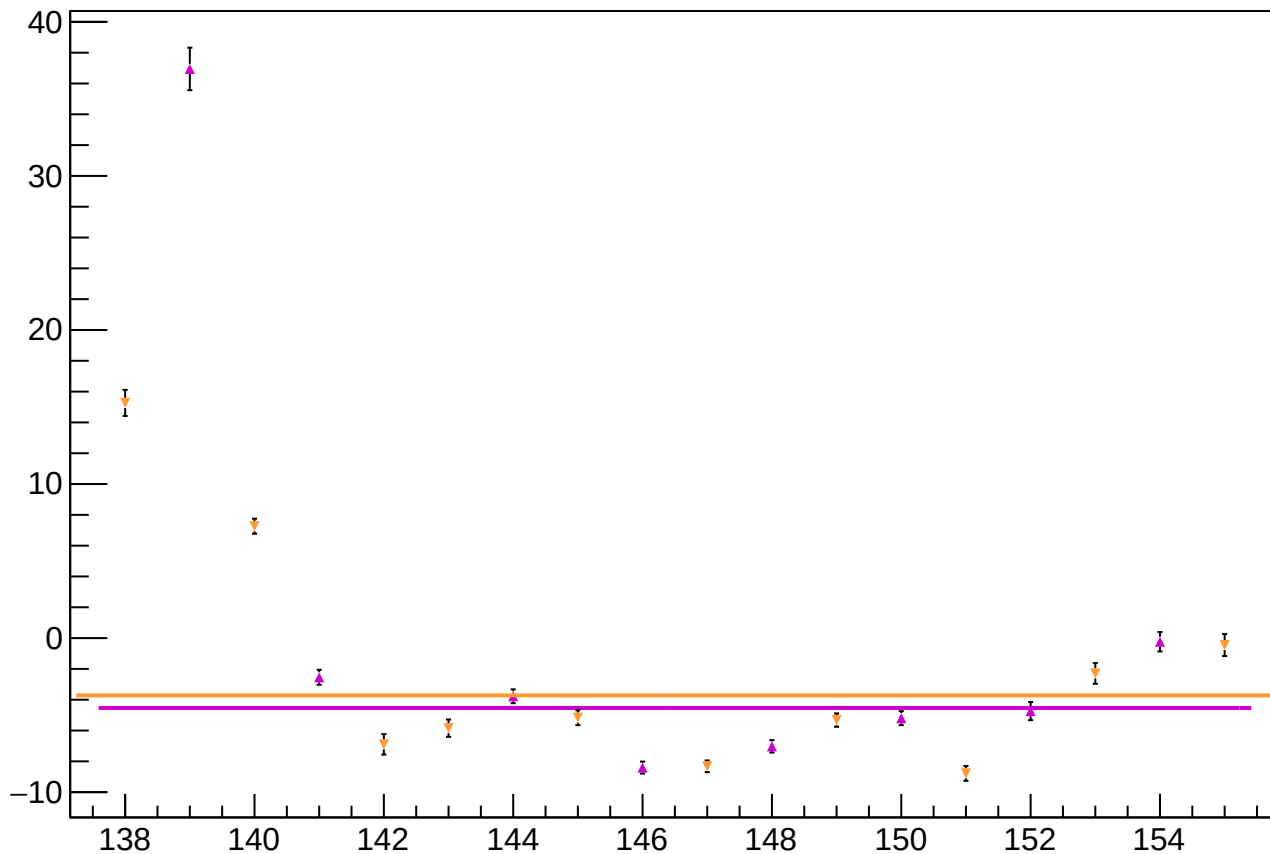
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.660+/-0.244 χ^2/NDF : 2308.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.105+/-0.253 χ^2/NDF : 664.0/7

Left: -11.466+/-0.176 χ^2/NDF : 3140.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.105+/-0.253 χ^2/NDF : 664.0/7
 Out: -13.660+/-0.244 χ^2/NDF : 2308.8/9

All: -11.466+/-0.176 χ^2/NDF : 3140.7/17

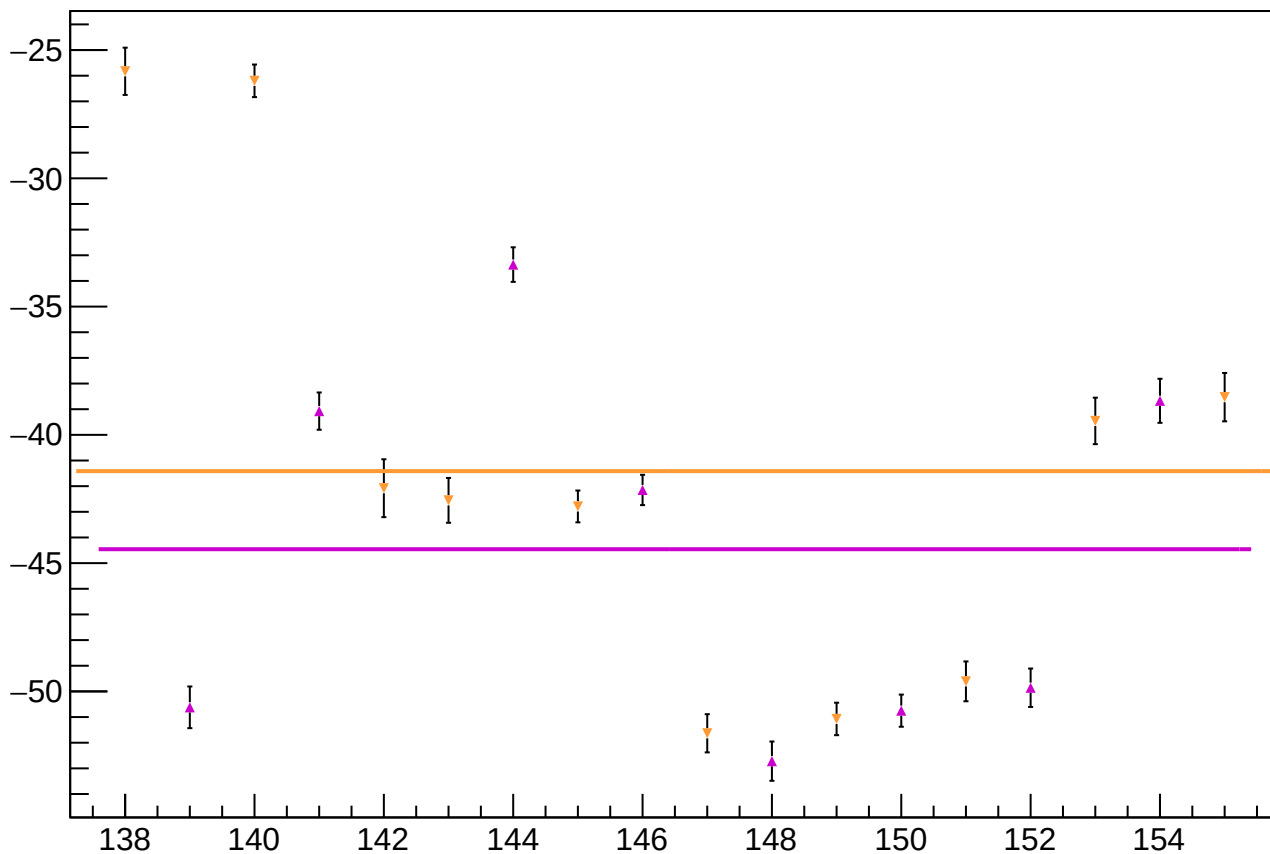
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.716+/-0.167 χ^2/NDF :1348.2/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.534+/-0.175 χ^2/NDF :1110.3/7

Left: -4.107+/-0.121 χ^2/NDF : 2469.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.534+/-0.175 χ^2/NDF :1110.3/7
 Out: -3.716+/-0.167 χ^2/NDF :1348.2/9
 All: -4.107+/-0.121 χ^2/NDF : 2469.9/17

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



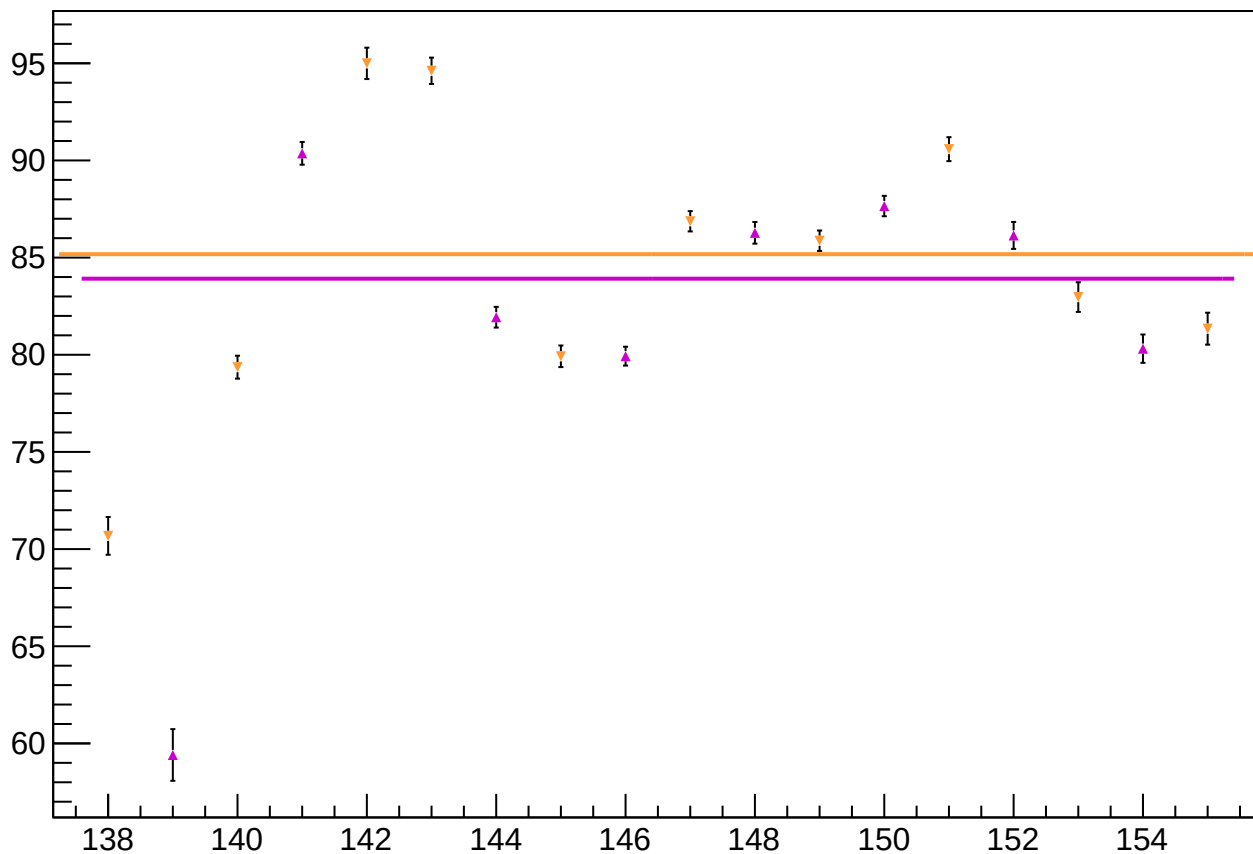
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.414+/-0.245 χ^2/NDF :1414.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.458+/-0.251 χ^2/NDF :713.5/7

Left: -42.899+/-0.175 χ^2/NDF : 2203.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.458+/-0.251 χ^2/NDF :713.5/7
 Out: -41.414+/-0.245 χ^2/NDF :1414.4/9

All: -42.899+/-0.175 χ^2/NDF : 2203.2/17

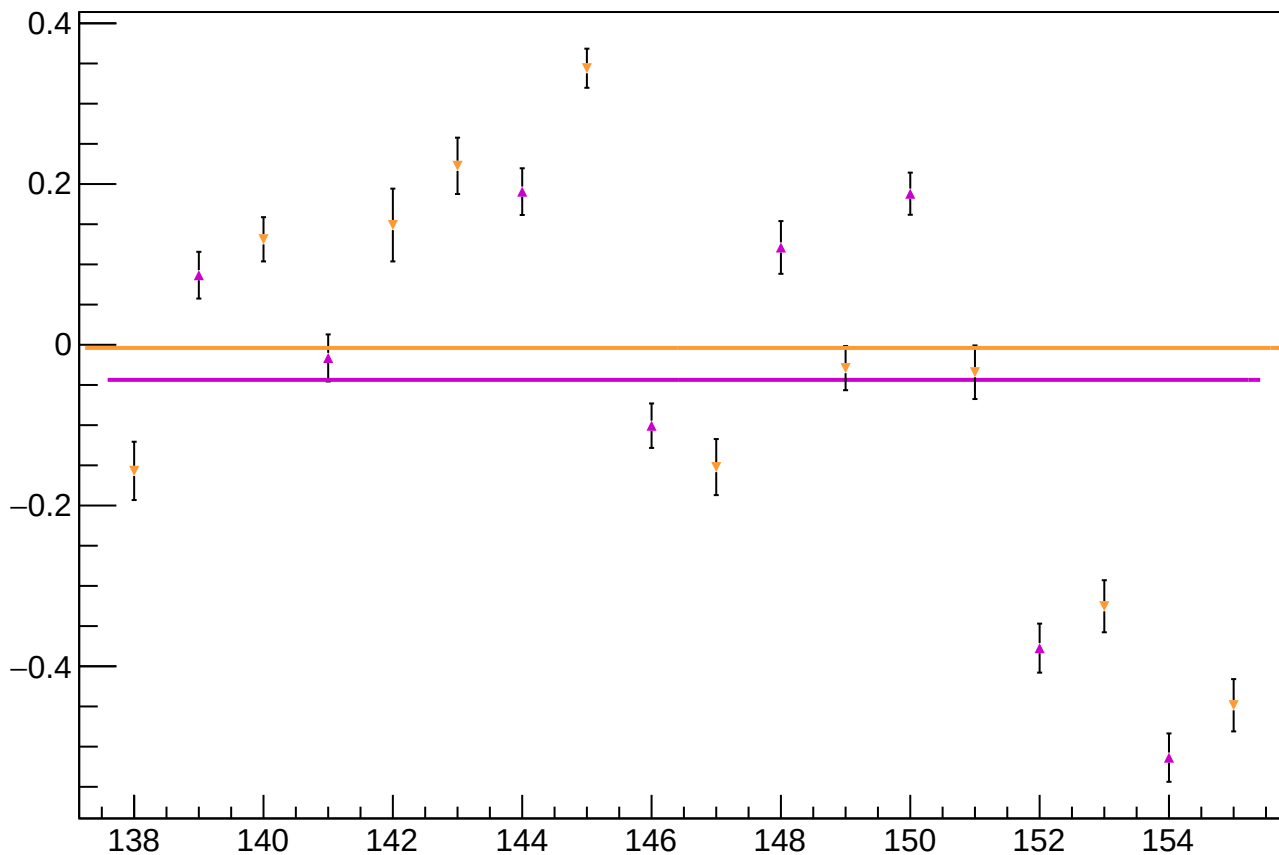
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.176+/-0.204 χ^2/NDF :871.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.915+/-0.213 χ^2/NDF :645.8/7

Left: 84.572+/-0.147 χ^2/NDF : 1535.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.915+/-0.213 χ^2/NDF :645.8/7
 Out: 85.176+/-0.204 χ^2/NDF :871.3/9
 All: 84.572+/-0.147 χ^2/NDF : 1535.4/17

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: -0.004+/-0.010 χ^2/NDF : 604.3/9

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

Left In: -0.044+/-0.010 χ^2/NDF : 557.3/7

Left: -0.023+/-0.007 χ^2/NDF : 1169.3/17

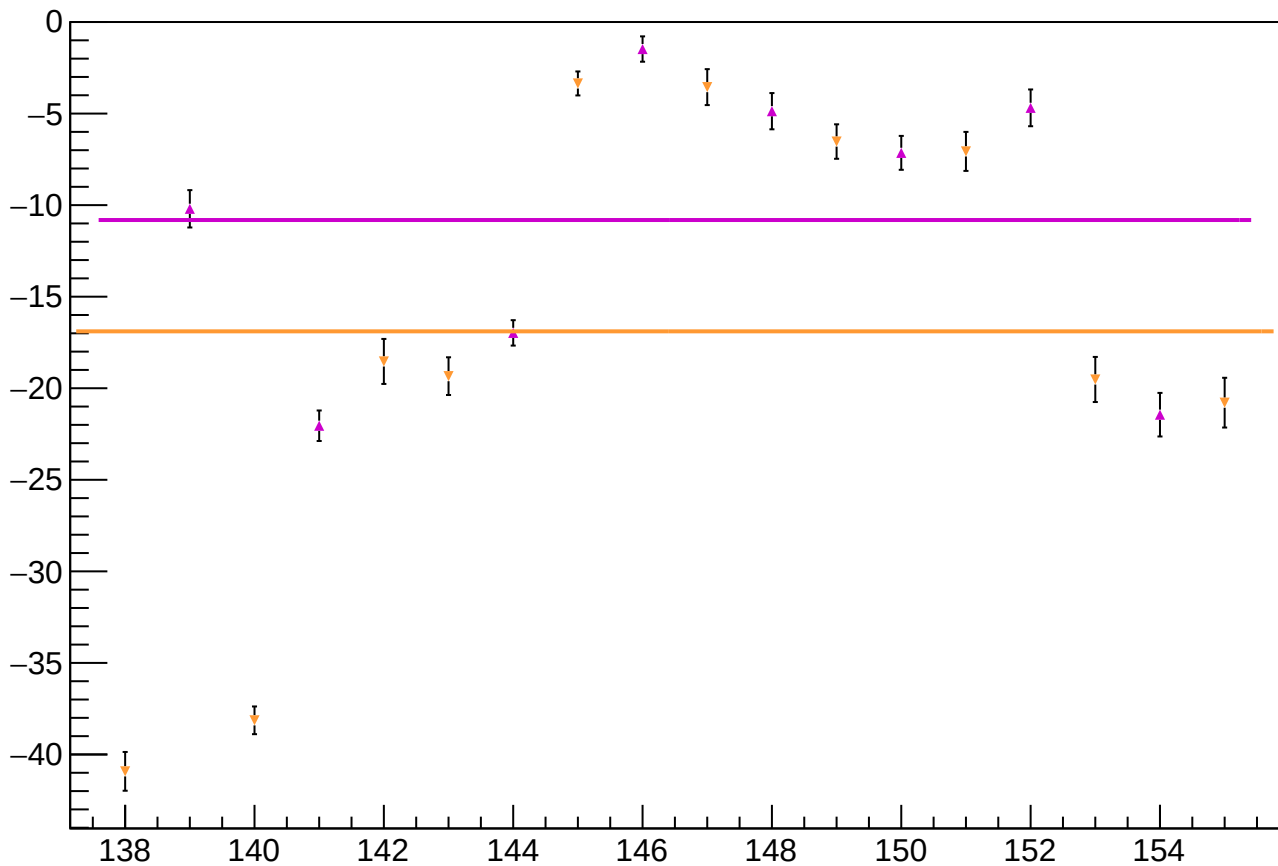
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.044+/-0.010 χ^2/NDF : 557.3/7

Out: -0.004+/-0.010 χ^2/NDF : 604.3/9

All: -0.023+/-0.007 χ^2/NDF : 1169.3/17

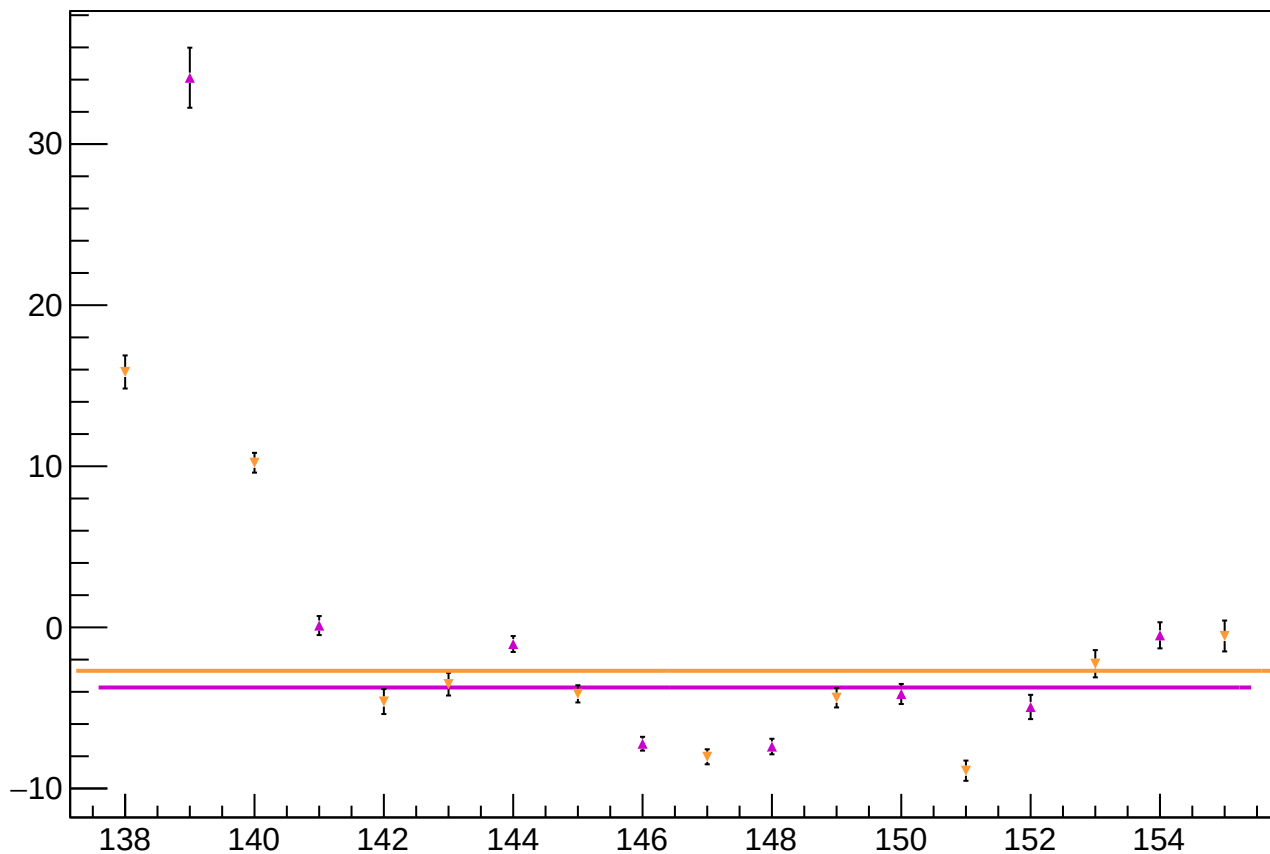
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.893+/-0.304 χ^2/NDF :2141.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.813+/-0.309 χ^2/NDF :611.9/7

Left: -13.906+/-0.217 χ^2/NDF : 2949.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.813+/-0.309 χ^2/NDF :611.9/7
 Out: -16.893+/-0.304 χ^2/NDF :2141.5/9
 All: -13.906+/-0.217 χ^2/NDF : 2949.8/17

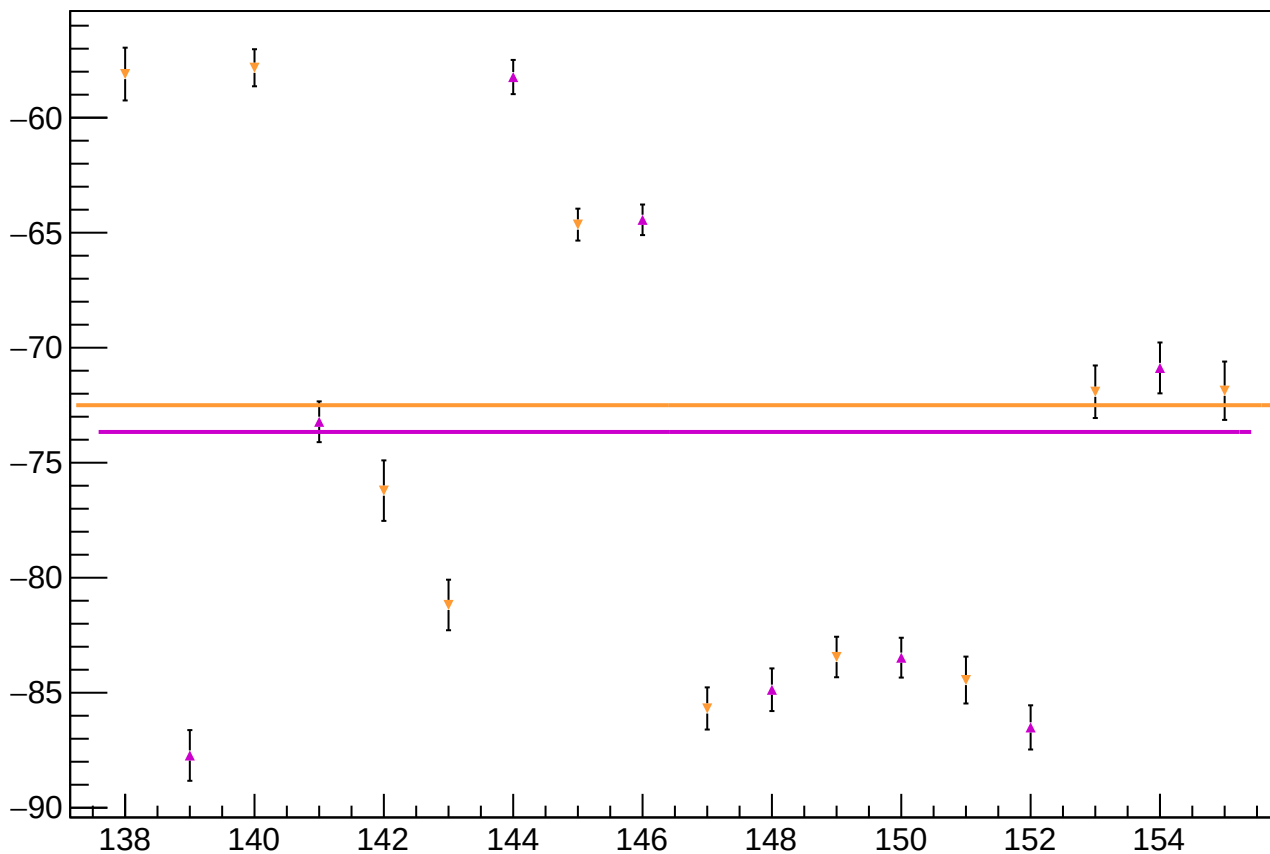
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.695+/-0.208 χ^2/NDF :1024.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.732+/-0.209 χ^2/NDF :626.8/7

Left: -3.209+/-0.147 χ^2/NDF : 1663.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.732+/-0.209 χ^2/NDF :626.8/7
 Out: -2.695+/-0.208 χ^2/NDF :1024.0/9
 All: -3.209+/-0.147 χ^2/NDF : 1663.2/17

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



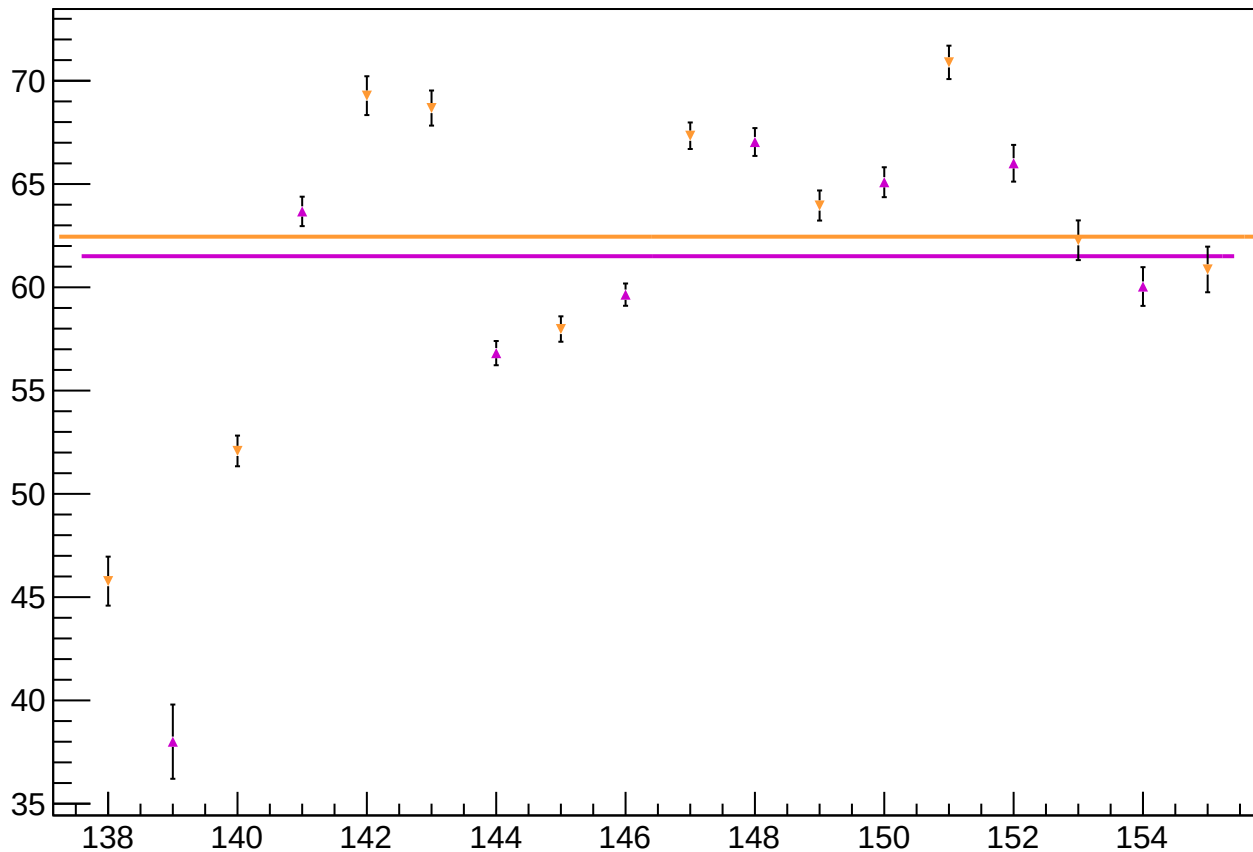
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -72.500+/-0.307 χ^2/NDF :1186.6/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -73.663+/-0.308 χ^2/NDF :1245.7/7

Left: -73.080+/-0.217 χ^2/NDF : 2439.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.663+/-0.308 χ^2/NDF :1245.7/7
 Out: -72.500+/-0.307 χ^2/NDF :1186.6/9

All: -73.080+/-0.217 χ^2/NDF : 2439.4/17

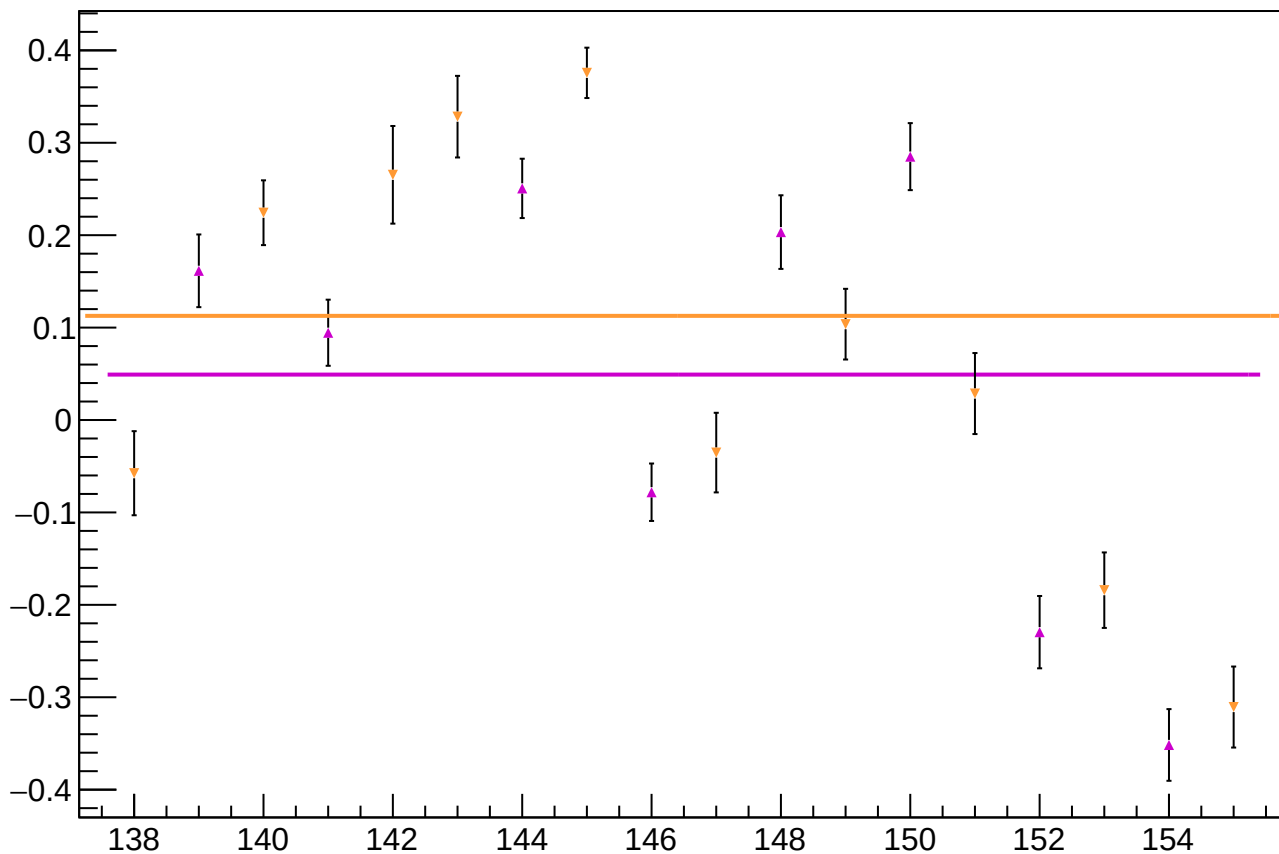
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.452+/-0.255 χ^2/NDF : 725.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.506+/-0.257 χ^2/NDF : 375.9/7

Left: 61.983+/-0.181 χ^2/NDF : 1108.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.506+/-0.257 χ^2/NDF : 375.9/7
 Out: 62.452+/-0.255 χ^2/NDF : 725.4/9
 All: 61.983+/-0.181 χ^2/NDF : 1108.2/17

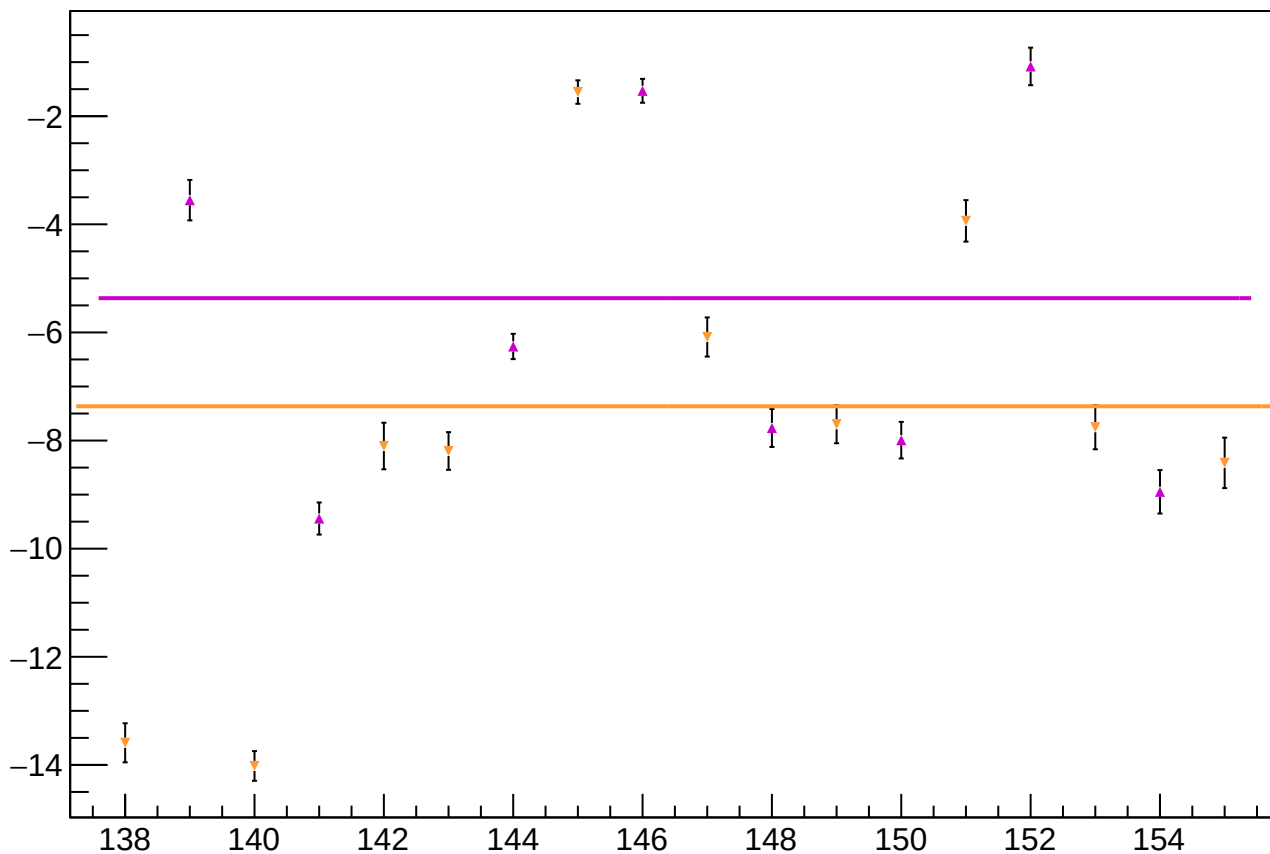
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.113 $\pm$ 0.013 χ^2 /NDF:311.0/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.049 $\pm$ 0.013 χ^2 /NDF:280.7/7

Left: 0.082 $\pm$ 0.009 χ^2 /NDF: 604.4/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.049 $\pm$ 0.013 χ^2 /NDF:280.7/7
 Out: 0.113 $\pm$ 0.013 χ^2 /NDF:311.0/9
 All: 0.082 $\pm$ 0.009 χ^2 /NDF: 604.4/17

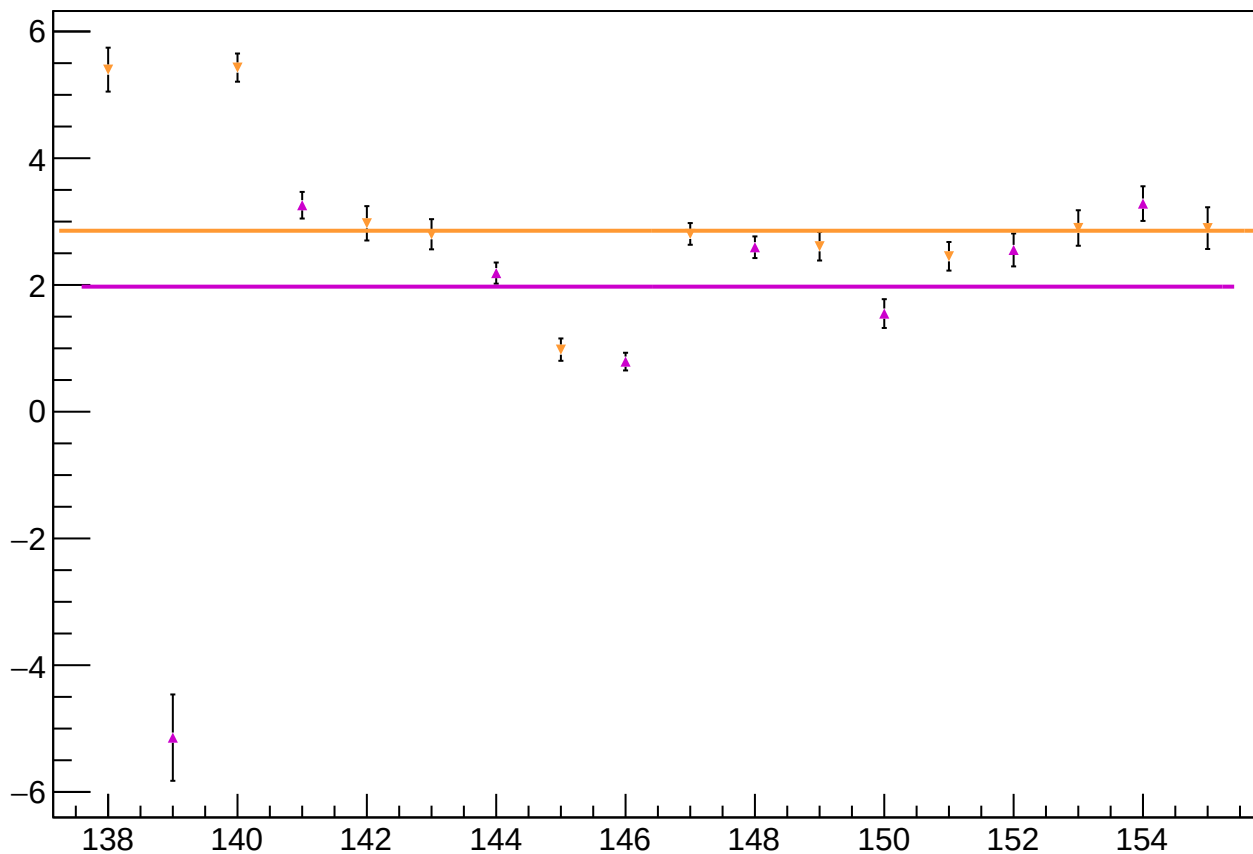
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -7.366 ± 0.106 χ^2/NDF : 1708.5/9
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -5.366 ± 0.106 χ^2/NDF : 867.1/7

Left: -6.367 ± 0.075 χ^2/NDF : 2753.0/17
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -5.366 ± 0.106 χ^2/NDF : 867.1/7
 Out: -7.366 ± 0.106 χ^2/NDF : 1708.5/9
 All: -6.367 ± 0.075 χ^2/NDF : 2753.0/17

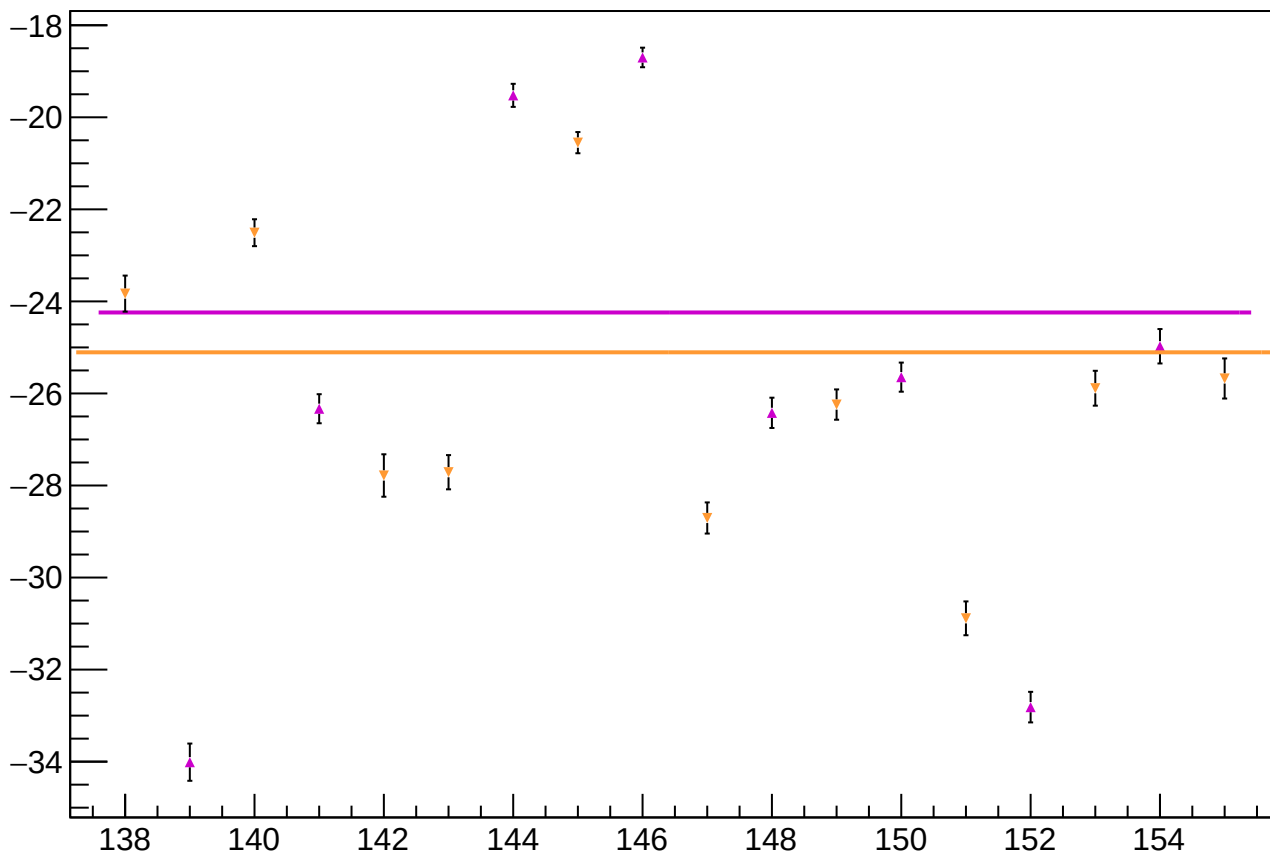
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.856 $\pm$ 0.073 χ^2 /NDF:305.9/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.973 $\pm$ 0.072 χ^2 /NDF:264.7/7

Left: 2.407 $\pm$ 0.051 χ^2 /NDF: 644.7/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.973 $\pm$ 0.072 χ^2 /NDF:264.7/7
 Out: 2.856 $\pm$ 0.073 χ^2 /NDF:305.9/9
 All: 2.407 $\pm$ 0.051 χ^2 /NDF: 644.7/17

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -25.106+/-0.107 χ^2/NDF :941.8/9

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

Left In: -24.241+/-0.106 χ^2/NDF :2395.8/7

Left: -24.666+/-0.075 χ^2/NDF : 3370.5/17

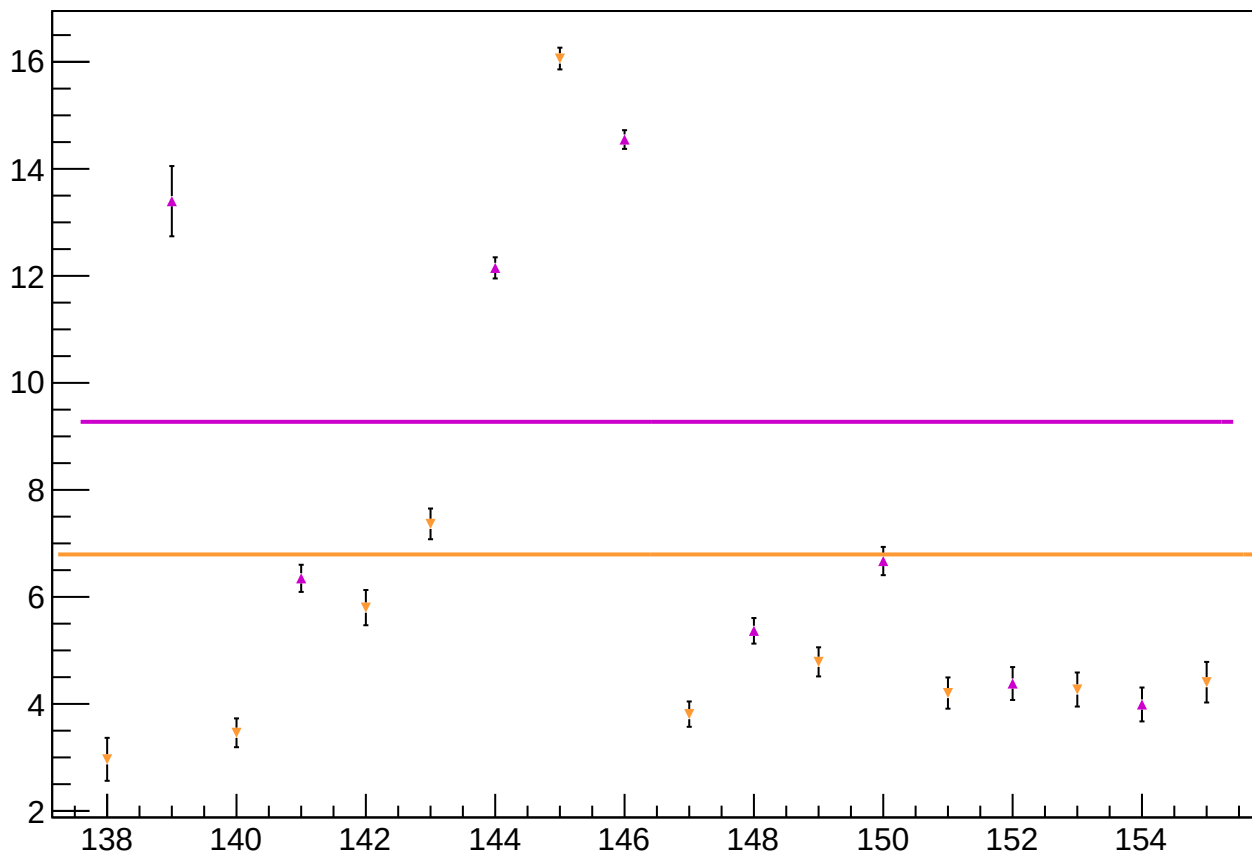
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.241+/-0.106 χ^2/NDF :2395.8/7

Out: -25.106+/-0.107 χ^2/NDF :941.8/9

All: -24.666+/-0.075 χ^2/NDF : 3370.5/17

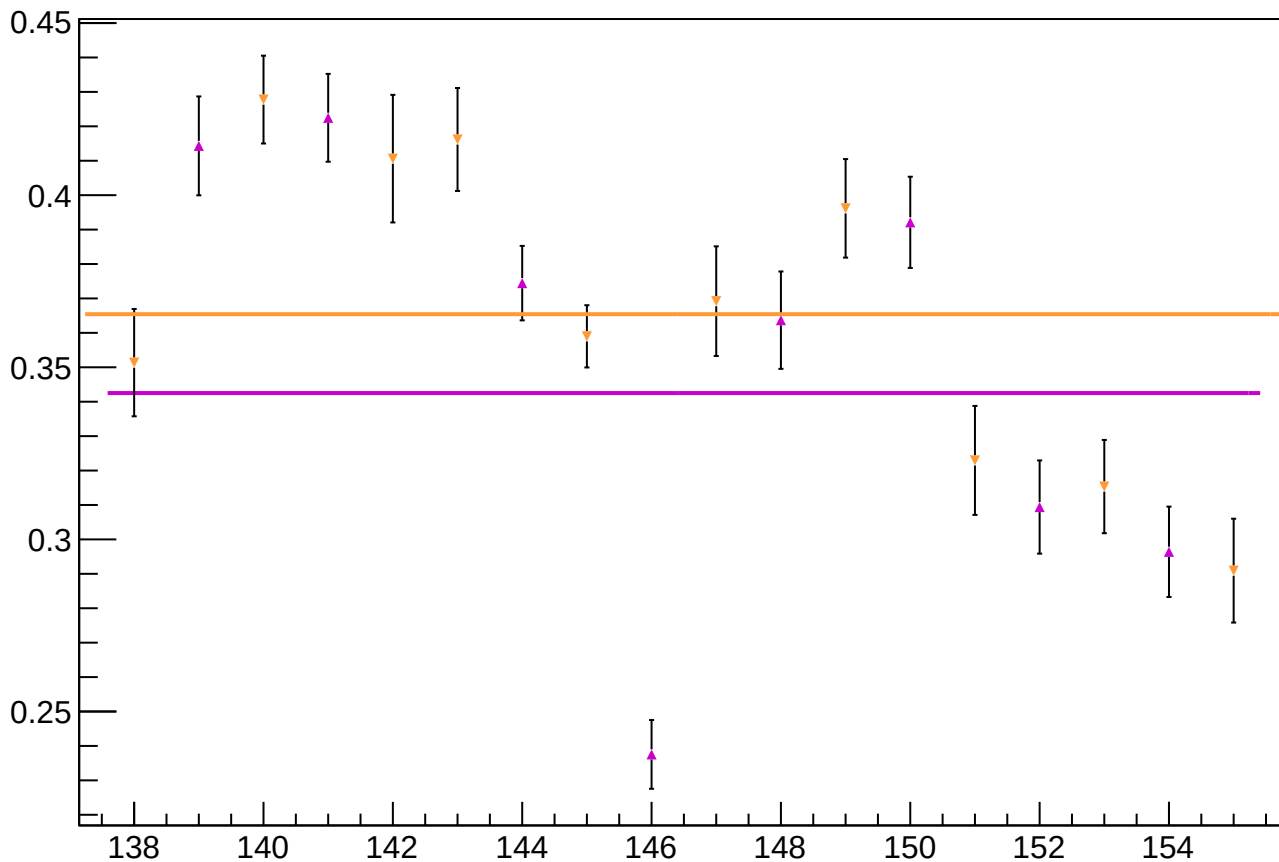
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.794+/-0.089 χ^2/NDF :2732.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.272+/-0.088 χ^2/NDF :2190.4/7

Left: 8.048+/-0.063 χ^2/NDF : 5313.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.272+/-0.088 χ^2/NDF :2190.4/7
 Out: 6.794+/-0.089 χ^2/NDF :2732.8/9
 All: 8.048+/-0.063 χ^2/NDF : 5313.5/17

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: 0.365+/-0.004 χ^2/NDF : 92.6/9

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

Left In: 0.343+/-0.004 χ^2/NDF : 218.0/7

Left: 0.354+/-0.003 χ^2/NDF : 324.3/17

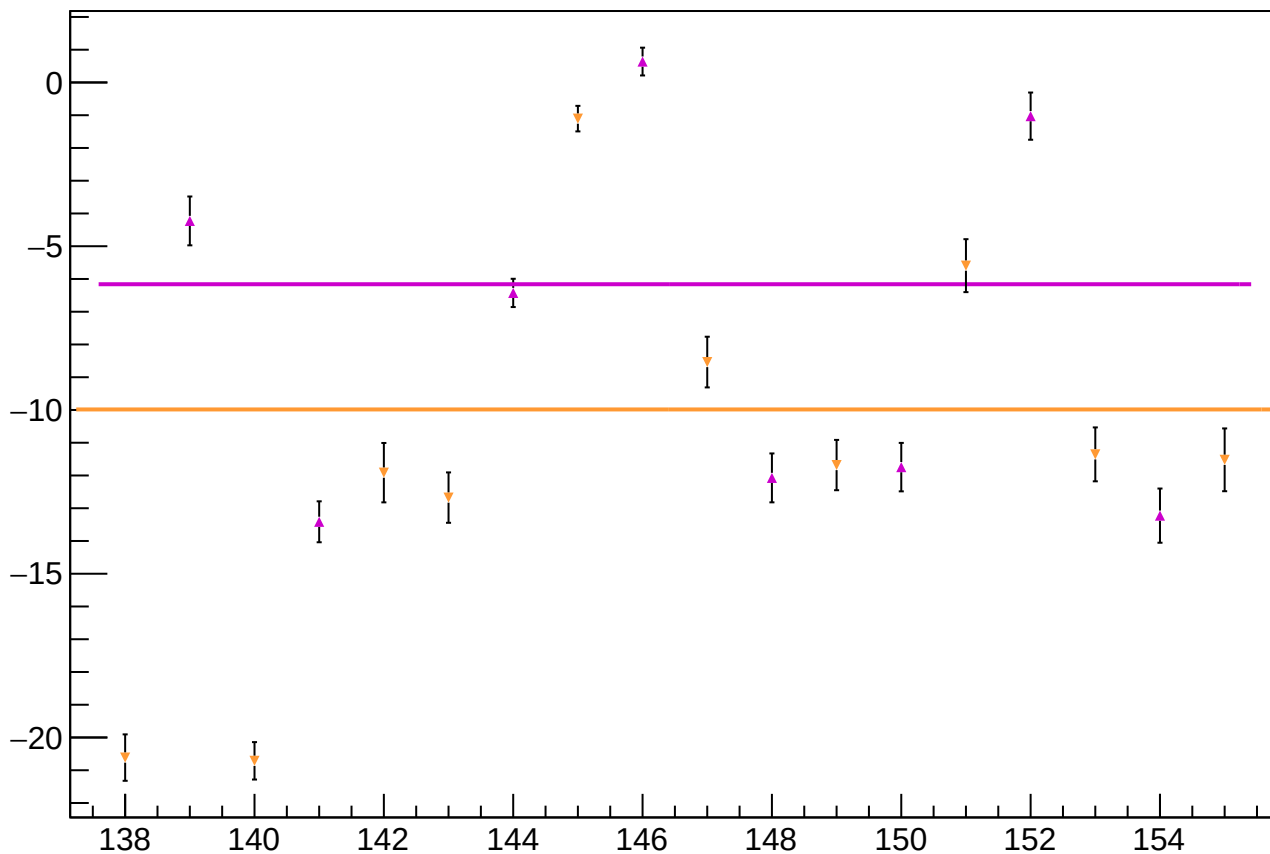
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.343+/-0.004 χ^2/NDF : 218.0/7

Out: 0.365+/-0.004 χ^2/NDF : 92.6/9

All: 0.354+/-0.003 χ^2/NDF : 324.3/17

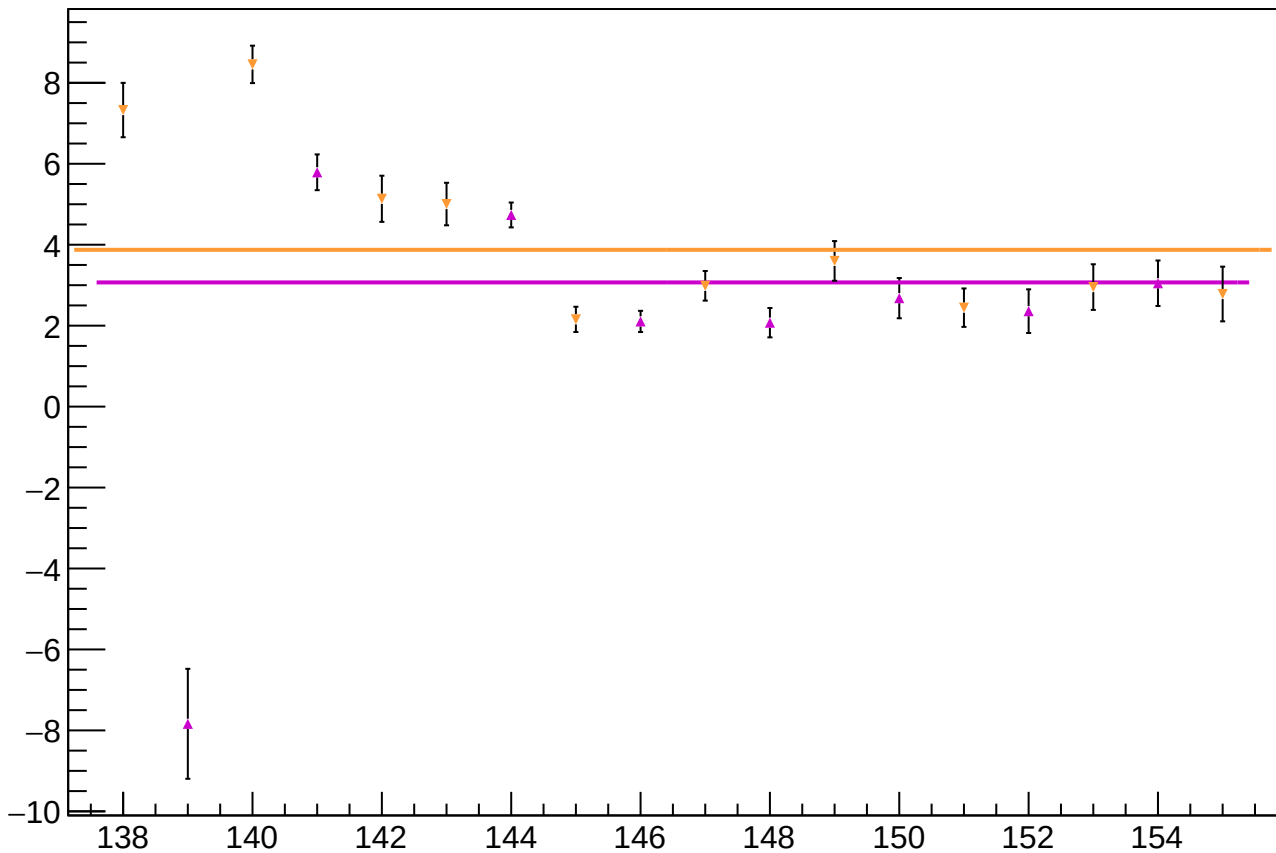
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.984+/-0.213 χ^2/NDF :1155.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.161+/-0.212 χ^2/NDF :642.0/7

Left: -8.059+/-0.150 χ^2/NDF : 1959.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.161+/-0.212 χ^2/NDF :642.0/7
 Out: -9.984+/-0.213 χ^2/NDF :1155.8/9
 All: -8.059+/-0.150 χ^2/NDF : 1959.6/17

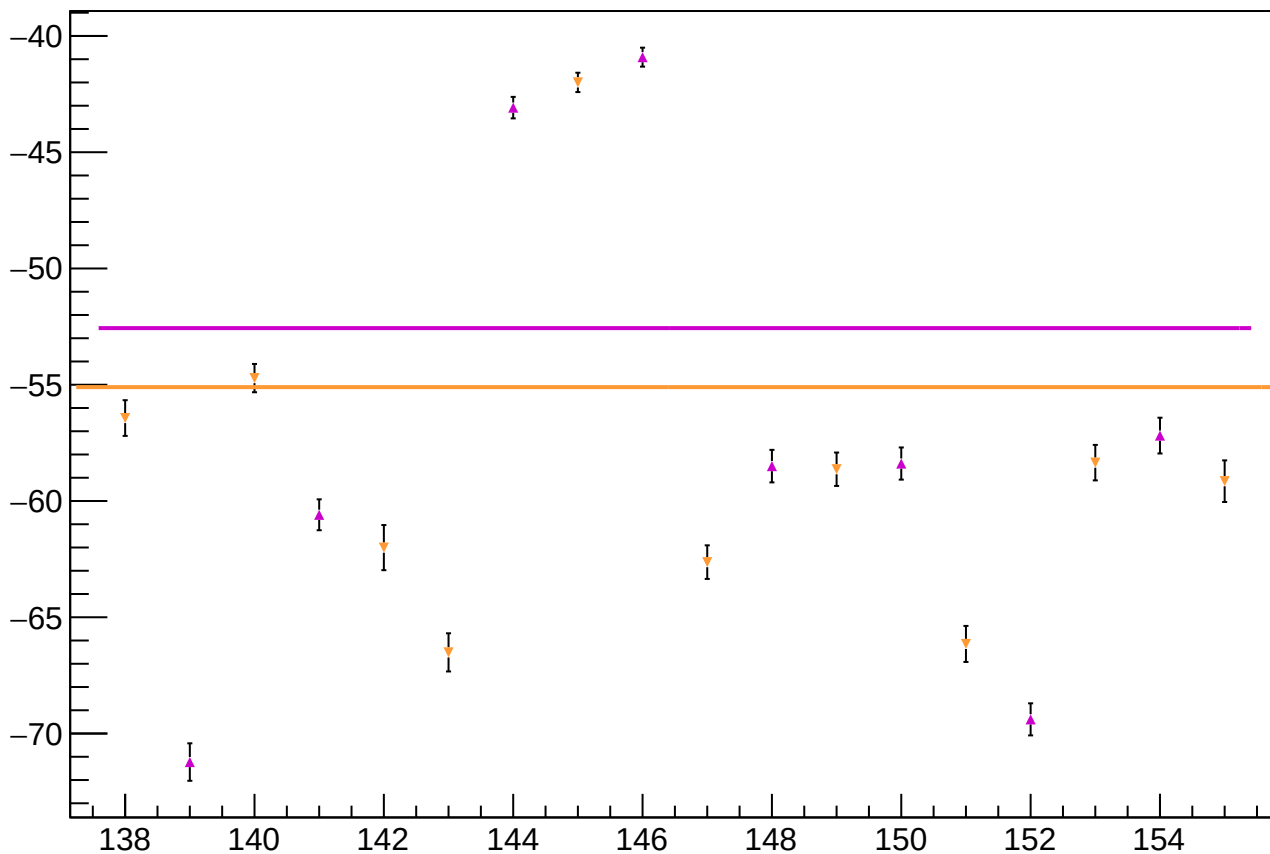
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.874+/-0.149 χ^2/NDF :185.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.069+/-0.143 χ^2/NDF :155.2/7

Left: 3.455+/-0.103 χ^2/NDF : 355.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.069+/-0.143 χ^2/NDF :155.2/7
 Out: 3.874+/-0.149 χ^2/NDF :185.0/9
 All: 3.455+/-0.103 χ^2/NDF : 355.5/17

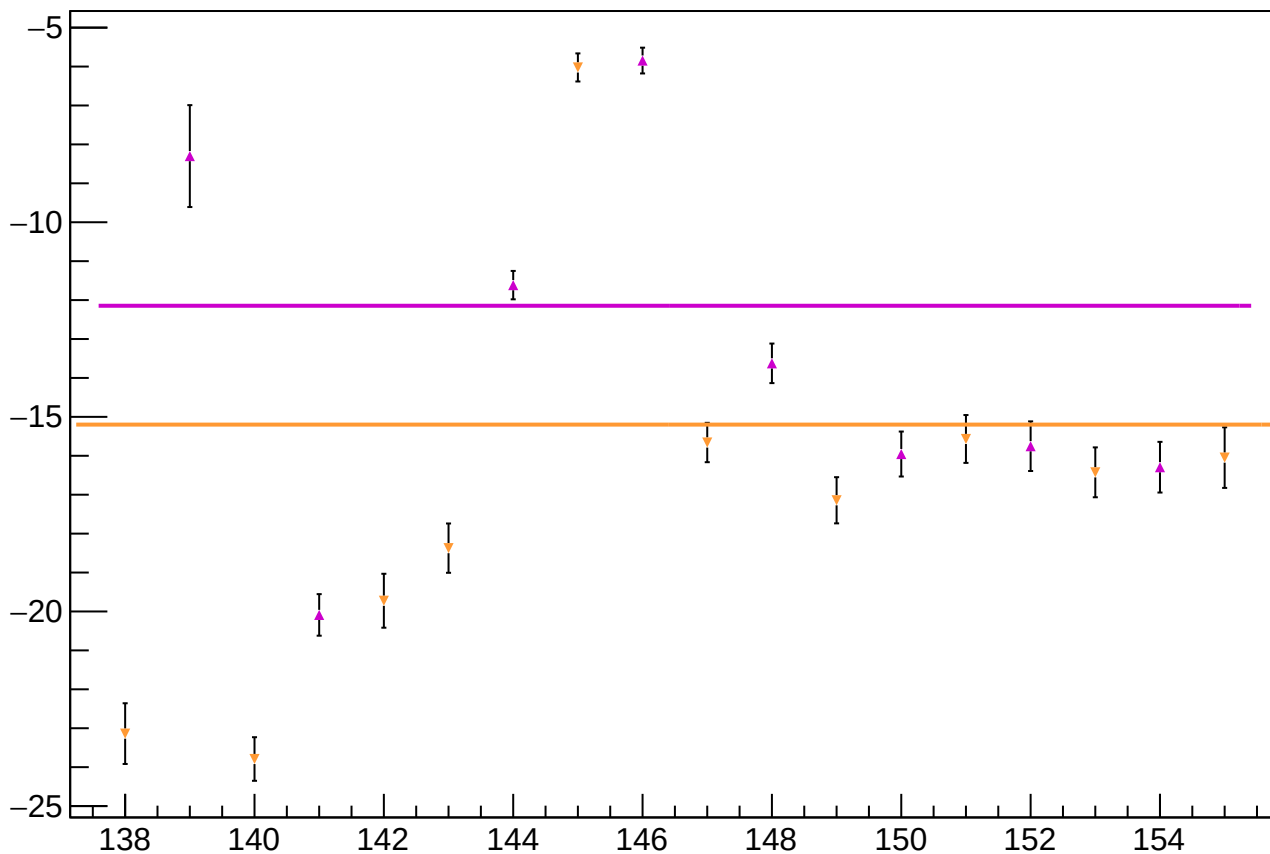
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.102+/-0.217 χ^2/NDF :1614.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.564+/-0.211 χ^2/NDF :2693.4/7

Left: -53.798+/-0.151 χ^2/NDF : 4378.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -52.564+/-0.211 χ^2/NDF :2693.4/7
 Out: -55.102+/-0.217 χ^2/NDF :1614.5/9
 All: -53.798+/-0.151 χ^2/NDF : 4378.1/17

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.199+/-0.181 χ^2/NDF :1070.2/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.146+/-0.176 χ^2/NDF :718.5/7

Left: -13.627+/-0.126 χ^2/NDF : 1935.4/17

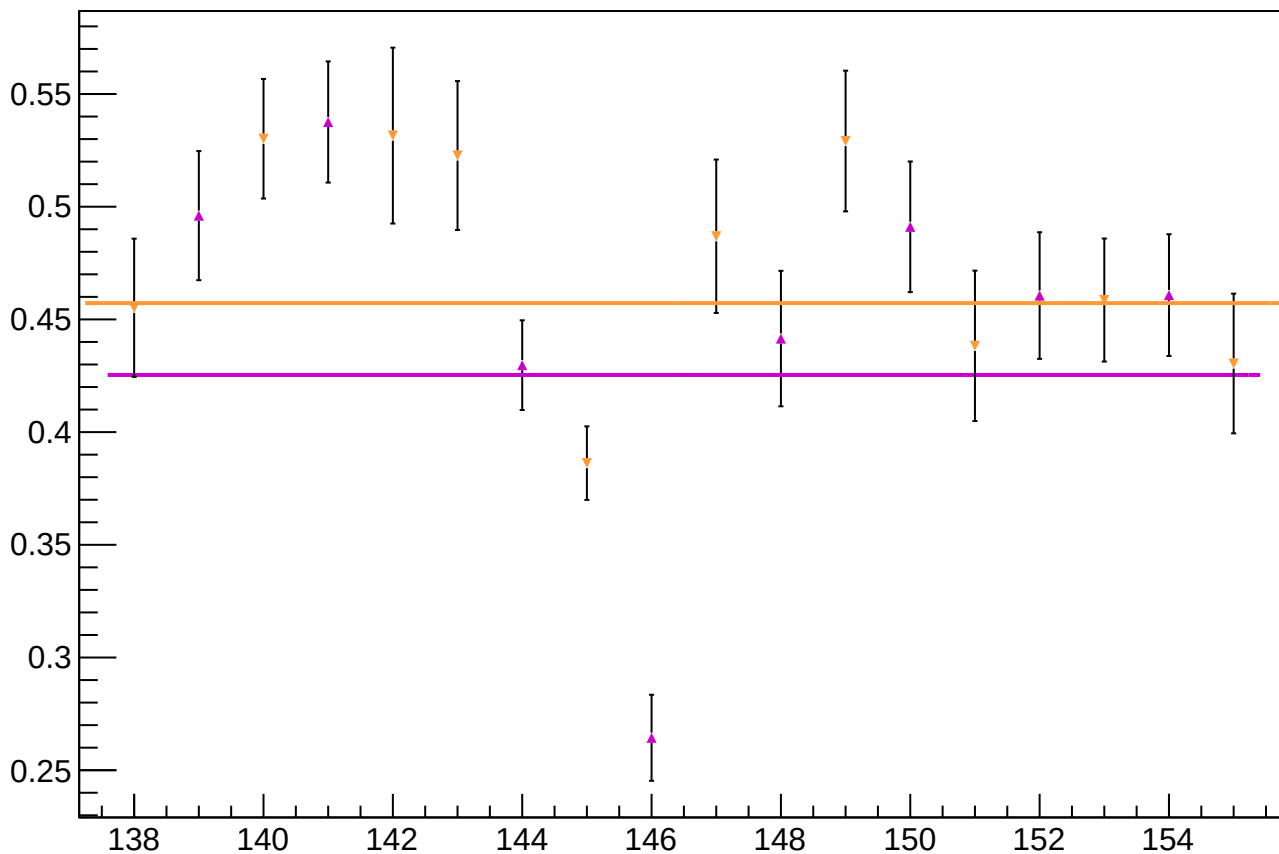
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.146+/-0.176 χ^2/NDF :718.5/7

Out: -15.199+/-0.181 χ^2/NDF :1070.2/9

All: -13.627+/-0.126 χ^2/NDF : 1935.4/17

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.457+/-0.009 χ^2/NDF : 41.2/9

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

Left In: 0.425+/-0.009 χ^2/NDF : 103.4/7

Left: 0.441+/-0.006 χ^2/NDF : 151.2/17

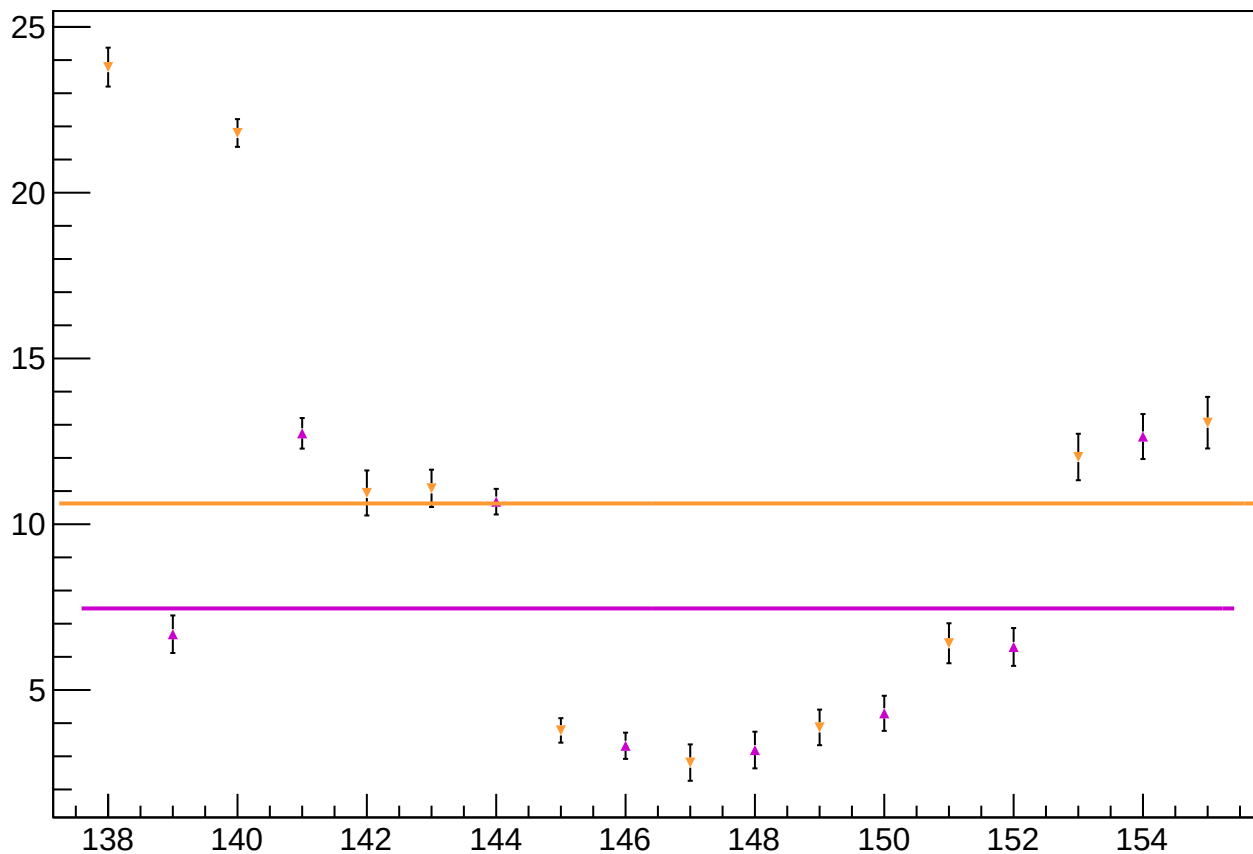
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.425+/-0.009 χ^2/NDF : 103.4/7

Out: 0.457+/-0.009 χ^2/NDF : 41.2/9

All: 0.441+/-0.006 χ^2/NDF : 151.2/17

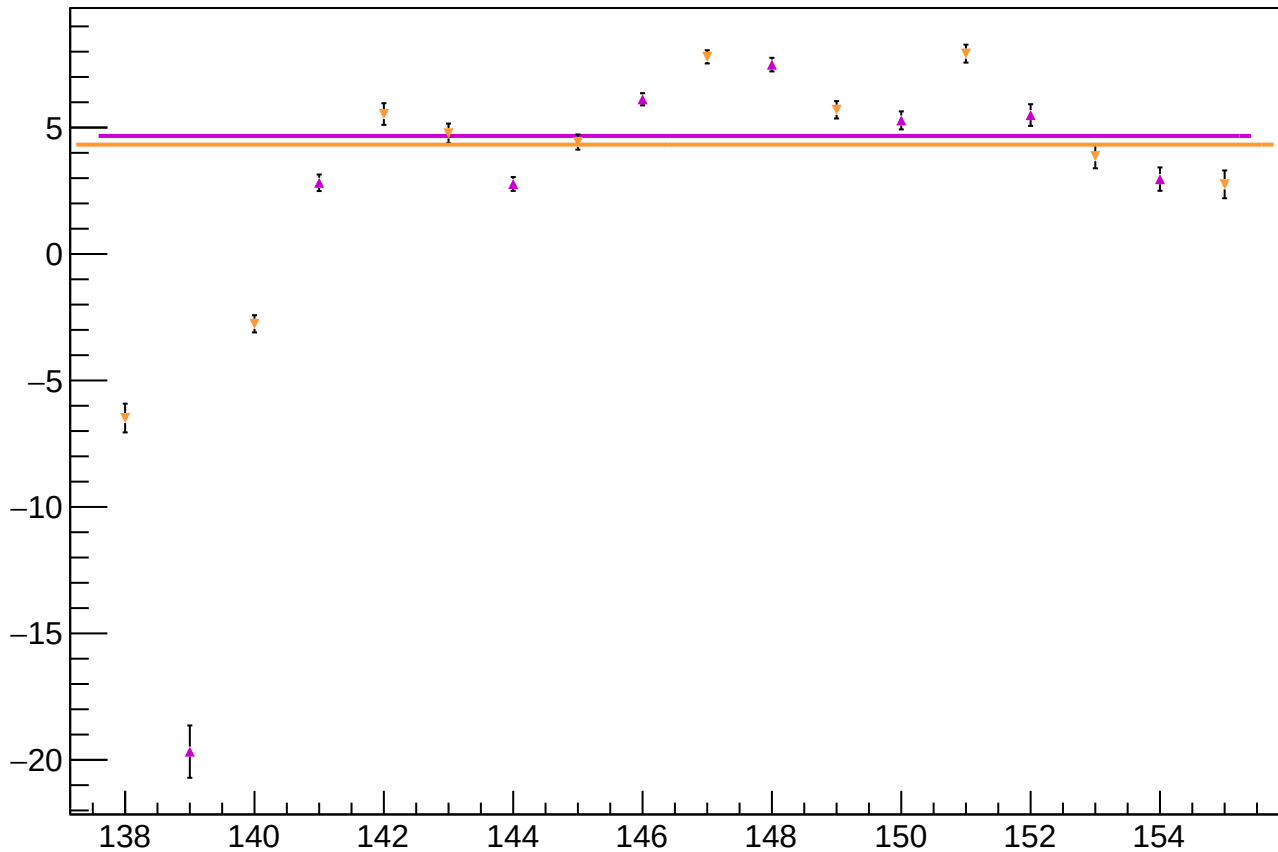
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.626+/-0.170 χ^2/NDF :1984.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.460+/-0.174 χ^2/NDF :470.1/7

Left: 9.078+/-0.122 χ^2/NDF : 2623.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.460+/-0.174 χ^2/NDF :470.1/7
 Out: 10.626+/-0.170 χ^2/NDF :1984.8/9
 All: 9.078+/-0.122 χ^2/NDF : 2623.9/17

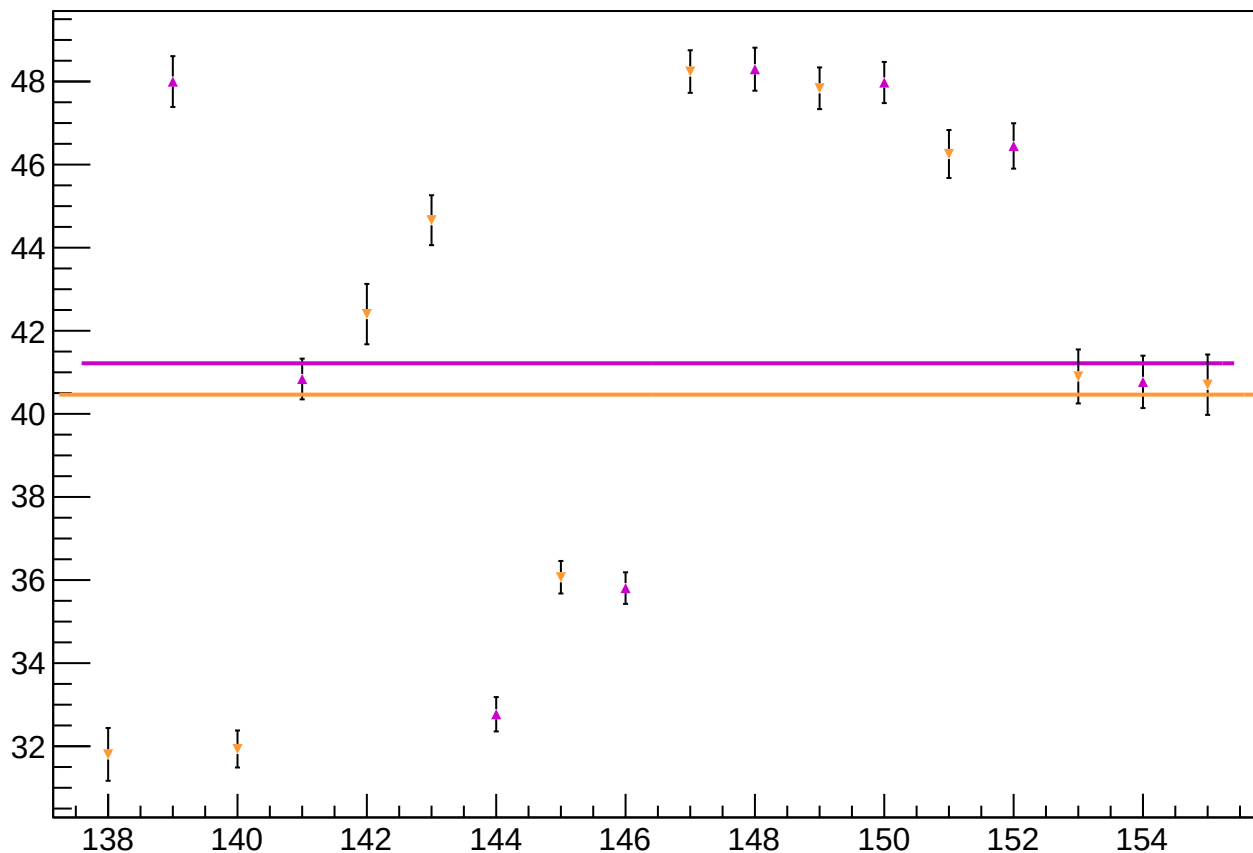
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.325 $\pm$ 0.116 χ^2 /NDF:1110.3/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.668 $\pm$ 0.117 χ^2 /NDF:798.3/7

Left: 4.495 $\pm$ 0.083 χ^2 /NDF: 1912.9/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.668 $\pm$ 0.117 χ^2 /NDF:798.3/7
 Out: 4.325 $\pm$ 0.116 χ^2 /NDF:1110.3/9
 All: 4.495 $\pm$ 0.083 χ^2 /NDF: 1912.9/17

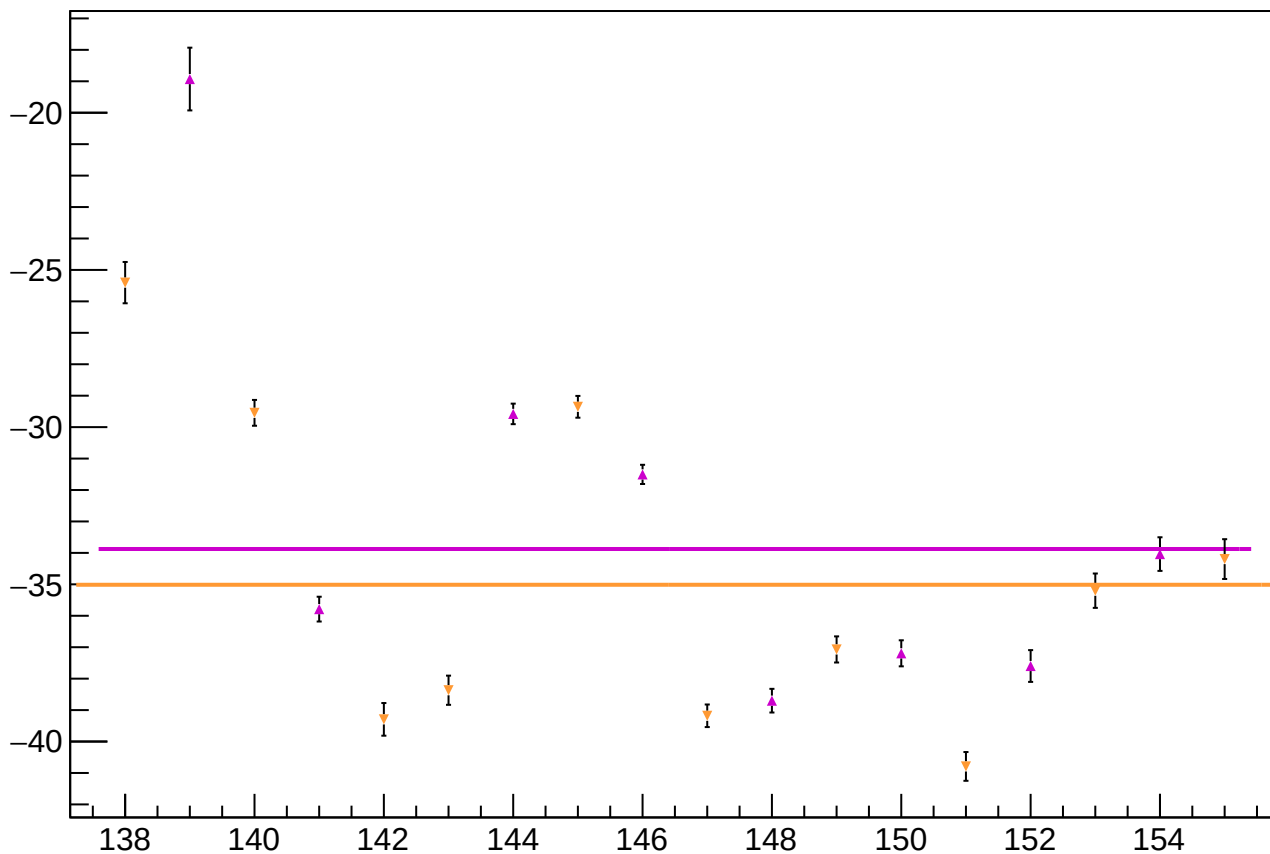
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.463+/-0.172 χ^2/NDF :1281.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.218+/-0.173 χ^2/NDF :1208.3/7

Left: 40.838+/-0.122 χ^2/NDF : 2498.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.218+/-0.173 χ^2/NDF :1208.3/7
 Out: 40.463+/-0.172 χ^2/NDF :1281.0/9
 All: 40.838+/-0.122 χ^2/NDF : 2498.9/17

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



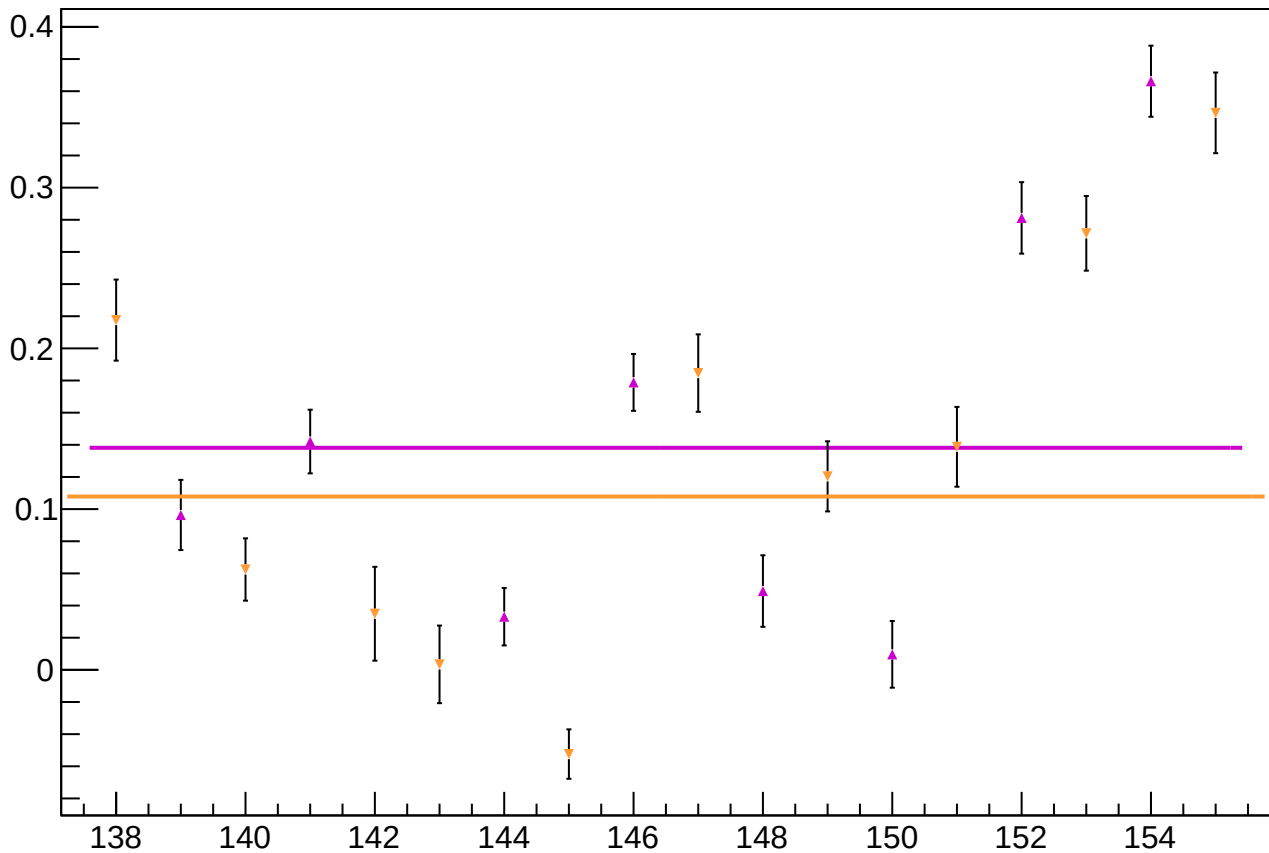
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.014+/-0.143 χ^2/NDF :1098.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.876+/-0.145 χ^2/NDF :764.5/7

Left: -34.452+/-0.102 χ^2/NDF : 1894.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.876+/-0.145 χ^2/NDF :764.5/7
 Out: -35.014+/-0.143 χ^2/NDF :1098.8/9

All: -34.452+/-0.102 χ^2/NDF : 1894.6/17

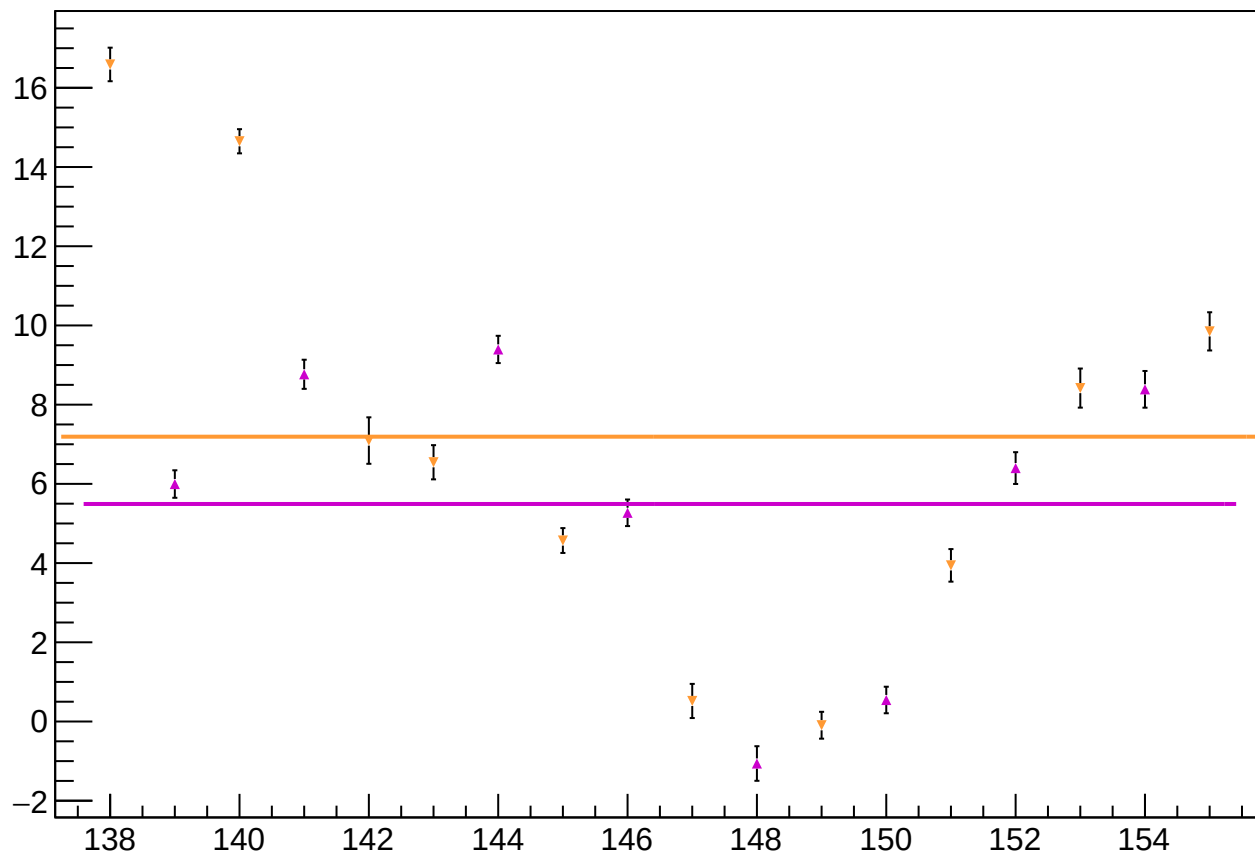
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.108+/-0.007 χ^2/NDF :310.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.138+/-0.007 χ^2/NDF :245.6/7

Left: 0.123+/-0.005 χ^2/NDF : 564.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.138+/-0.007 χ^2/NDF :245.6/7
 Out: 0.108+/-0.007 χ^2/NDF :310.0/9
 All: 0.123+/-0.005 χ^2/NDF : 564.7/17

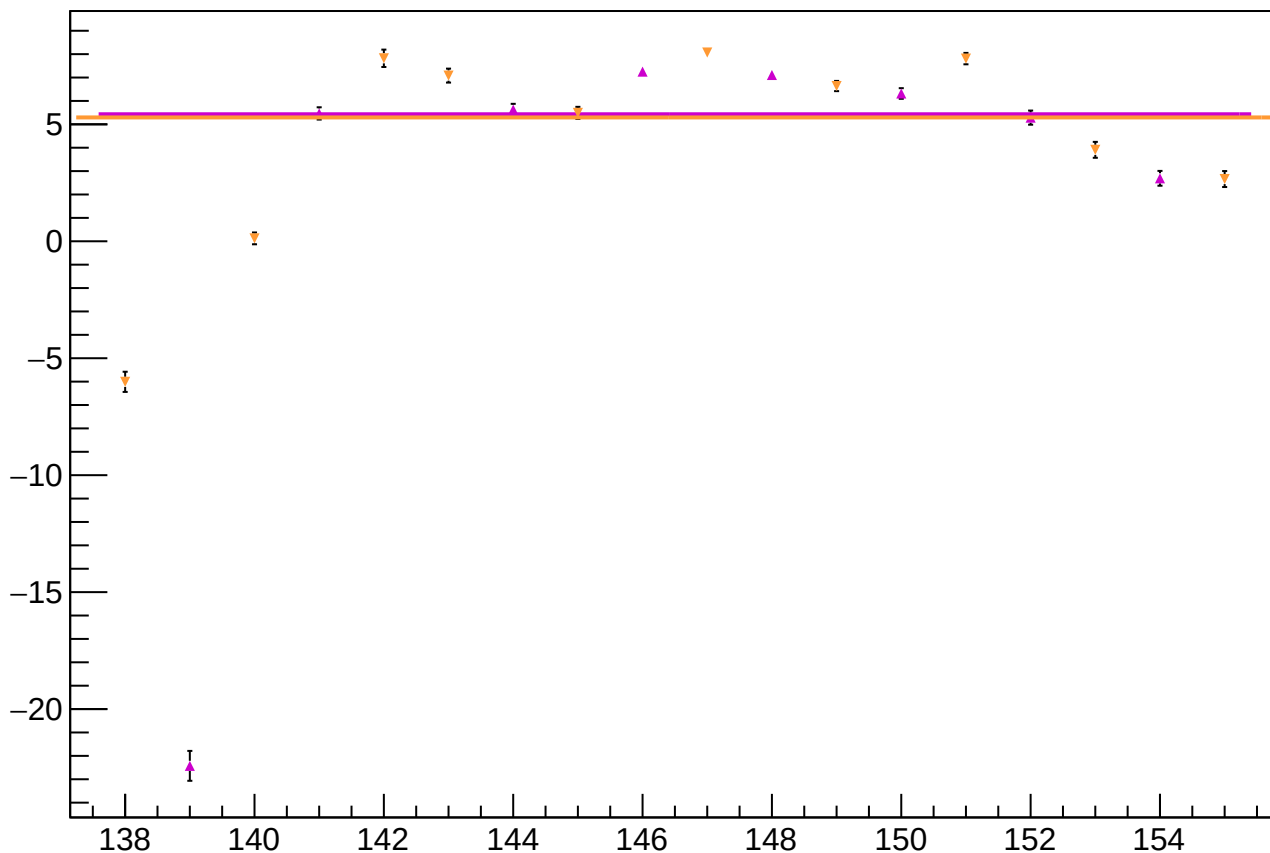
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.191+/-0.126 χ^2/NDF :1961.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.492+/-0.131 χ^2/NDF :697.7/7

Left: 6.378+/-0.091 χ^2/NDF : 2746.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.492+/-0.131 χ^2/NDF :697.7/7
 Out: 7.191+/-0.126 χ^2/NDF :1961.3/9
 All: 6.378+/-0.091 χ^2/NDF : 2746.2/17

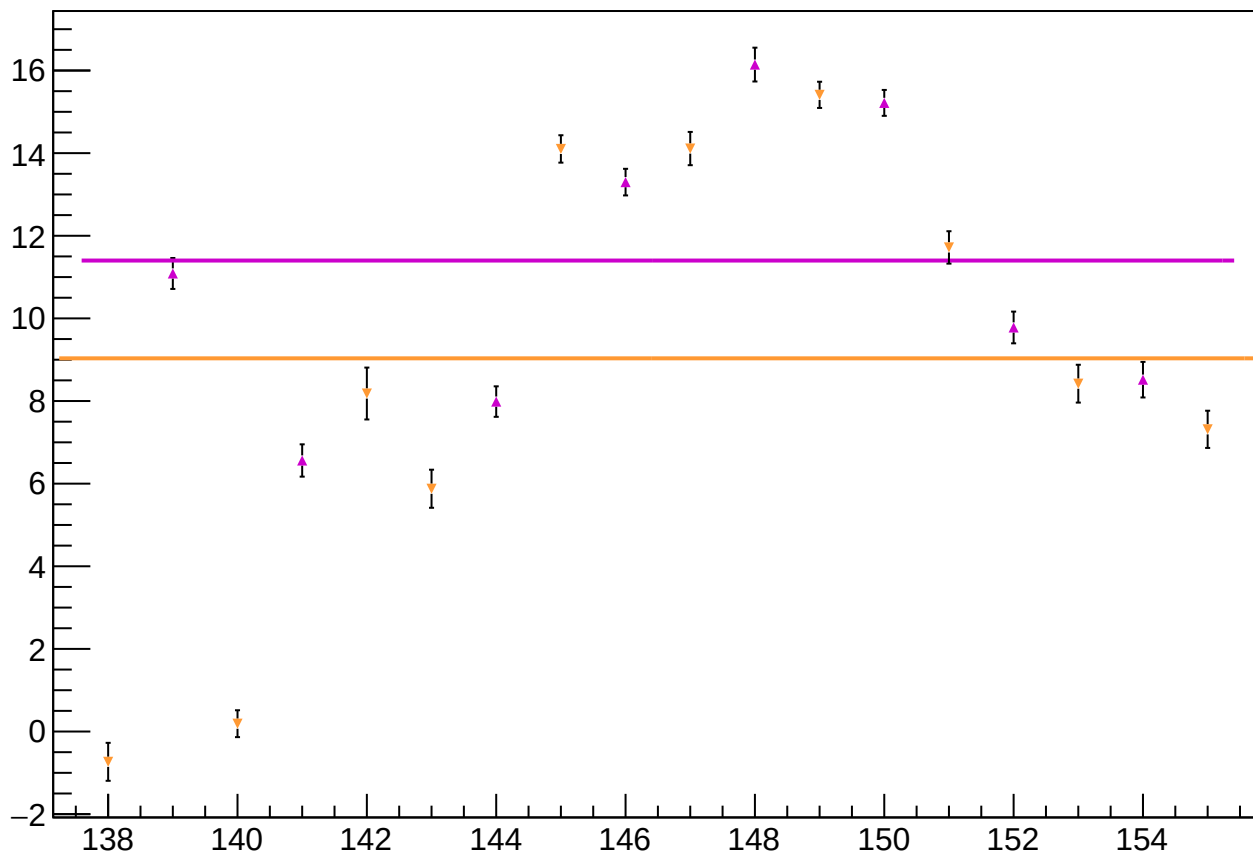
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 5.294 ± 0.087 $\chi^2/\text{NDF}: 1587.0/9$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 5.430 ± 0.092 $\chi^2/\text{NDF}: 2125.2/7$

Left: 5.358 ± 0.063 $\chi^2/\text{NDF}: 3713.3/17$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 5.430 ± 0.092 $\chi^2/\text{NDF}: 2125.2/7$
 Out: 5.294 ± 0.087 $\chi^2/\text{NDF}: 1587.0/9$
 All: 5.358 ± 0.063 $\chi^2/\text{NDF}: 3713.3/17$

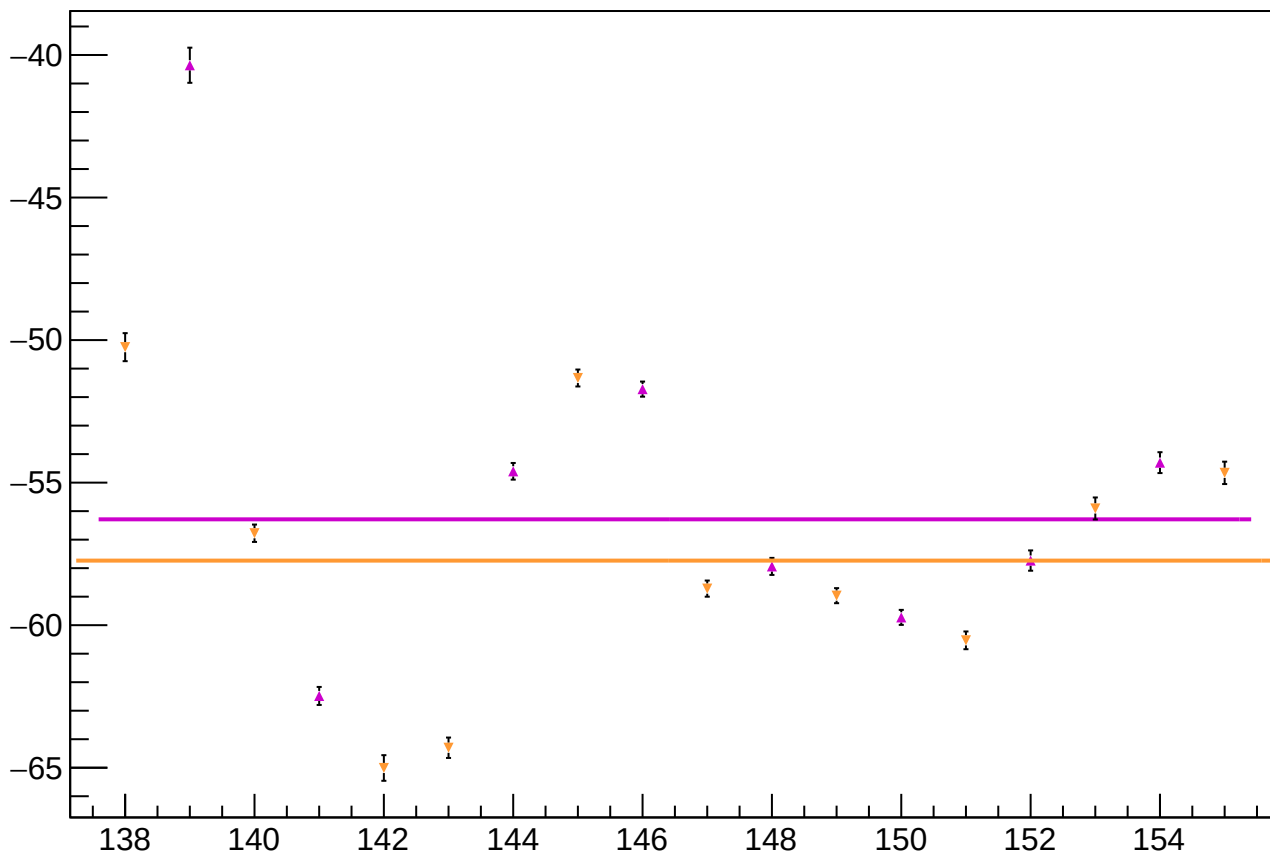
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.033+/-0.126 χ^2/NDF :2100.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.400+/-0.130 χ^2/NDF :619.2/7

Left: 10.179+/-0.091 χ^2/NDF : 2889.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.400+/-0.130 χ^2/NDF :619.2/7
 Out: 9.033+/-0.126 χ^2/NDF :2100.0/9
 All: 10.179+/-0.091 χ^2/NDF : 2889.7/17

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.735+/-0.106 χ^2/NDF :1503.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.287+/-0.112 χ^2/NDF :1630.1/7

Left: -57.053+/-0.077 χ^2/NDF : 3221.8/17

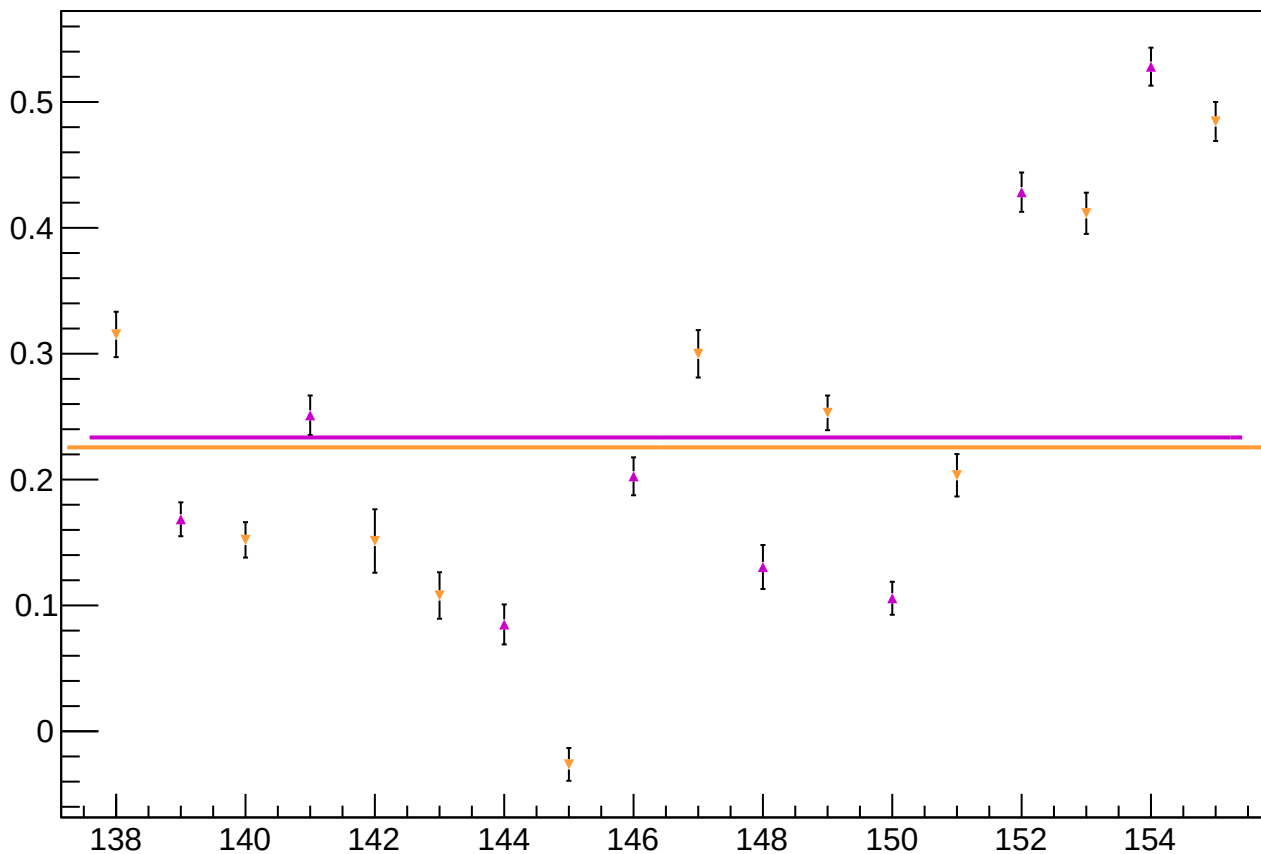
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.287+/-0.112 χ^2/NDF :1630.1/7

Out: -57.735+/-0.106 χ^2/NDF :1503.4/9

All: -57.053+/-0.077 χ^2/NDF : 3221.8/17

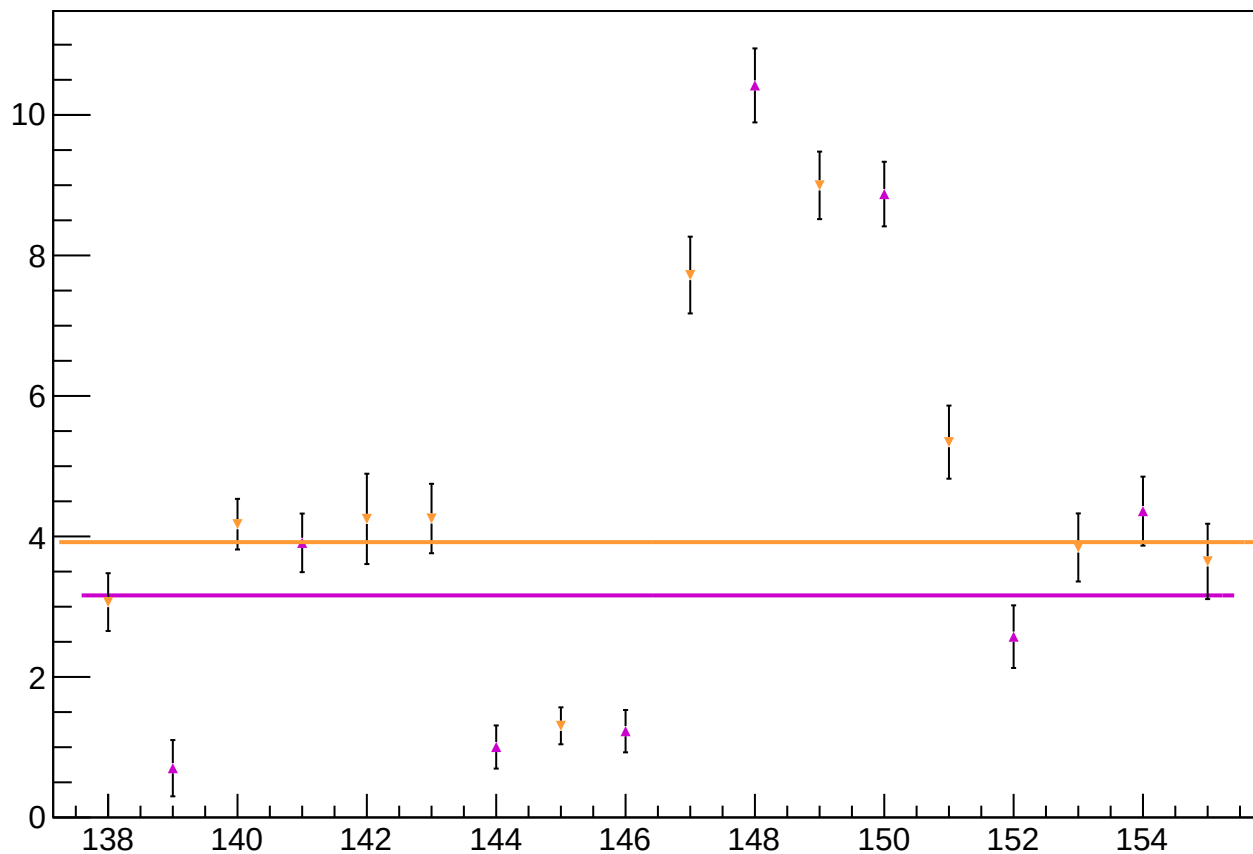
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.226 $\pm$ 0.005 χ^2 /NDF:904.9/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.233 $\pm$ 0.005 χ^2 /NDF:782.7/7

Left: 0.229 $\pm$ 0.004 χ^2 /NDF: 1688.7/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.233 $\pm$ 0.005 χ^2 /NDF:782.7/7
 Out: 0.226 $\pm$ 0.005 χ^2 /NDF:904.9/9
 All: 0.229 $\pm$ 0.004 χ^2 /NDF: 1688.7/17

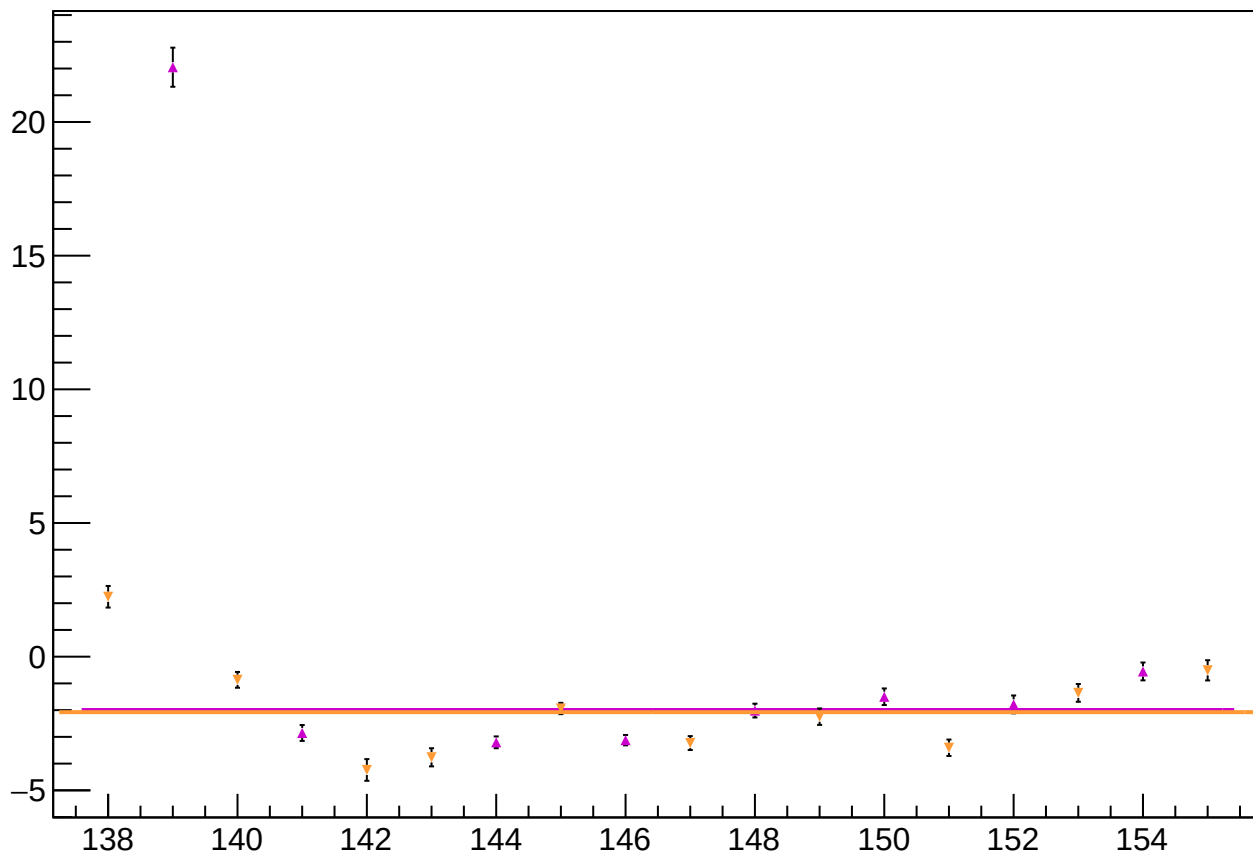
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 3.919 ± 0.136 $\chi^2/\text{NDF}: 272.2/9$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 3.161 ± 0.140 $\chi^2/\text{NDF}: 483.4/7$

Left: 3.549 ± 0.098 $\chi^2/\text{NDF}: 770.7/17$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 3.161 ± 0.140 $\chi^2/\text{NDF}: 483.4/7$
 Out: 3.919 ± 0.136 $\chi^2/\text{NDF}: 272.2/9$
 All: 3.549 ± 0.098 $\chi^2/\text{NDF}: 770.7/17$

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -2.076+/-0.097 χ^2/NDF : 245.2/9

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

Left In: -1.995+/-0.098 χ^2/NDF : 1175.7/7

Left: -2.036+/-0.069 χ^2/NDF : 1421.3/17

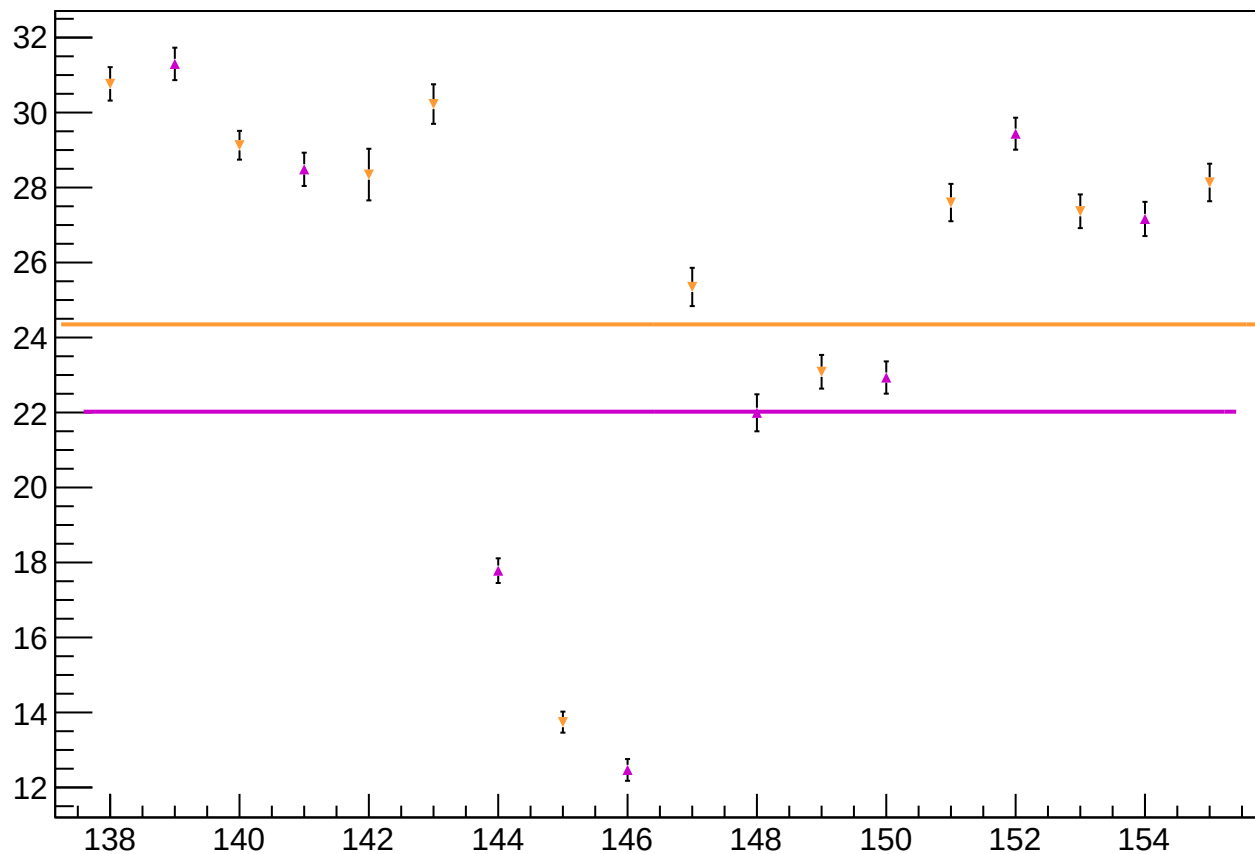
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.995+/-0.098 χ^2/NDF : 1175.7/7

Out: -2.076+/-0.097 χ^2/NDF : 245.2/9

All: -2.036+/-0.069 χ^2/NDF : 1421.3/17

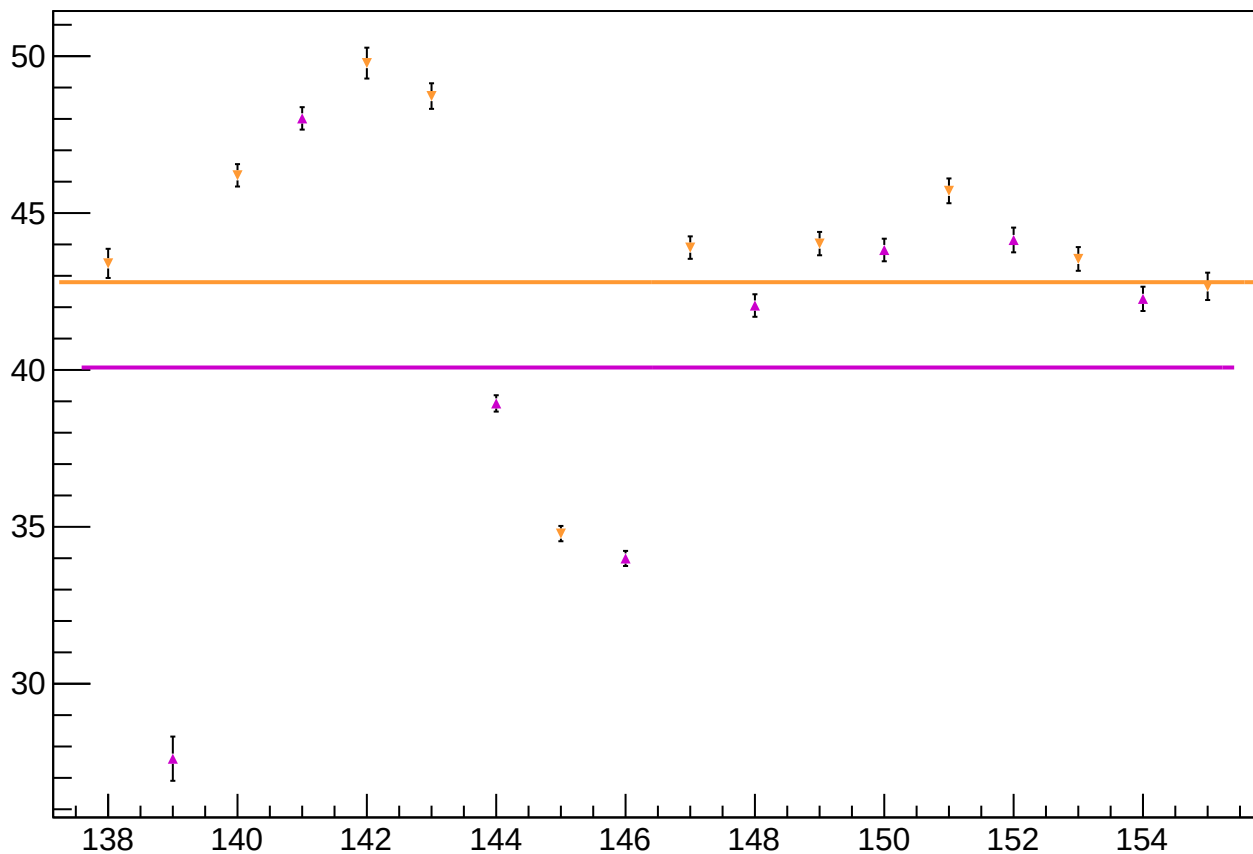
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 24.350 $\pm$ 0.139 χ^2 /NDF:2108.1/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 22.022 $\pm$ 0.140 χ^2 /NDF:2356.4/7

Left: 23.193 $\pm$ 0.098 χ^2 /NDF: 4604.5/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 22.022 $\pm$ 0.140 χ^2 /NDF:2356.4/7
 Out: 24.350 $\pm$ 0.139 χ^2 /NDF:2108.1/9
 All: 23.193 $\pm$ 0.098 χ^2 /NDF: 4604.5/17

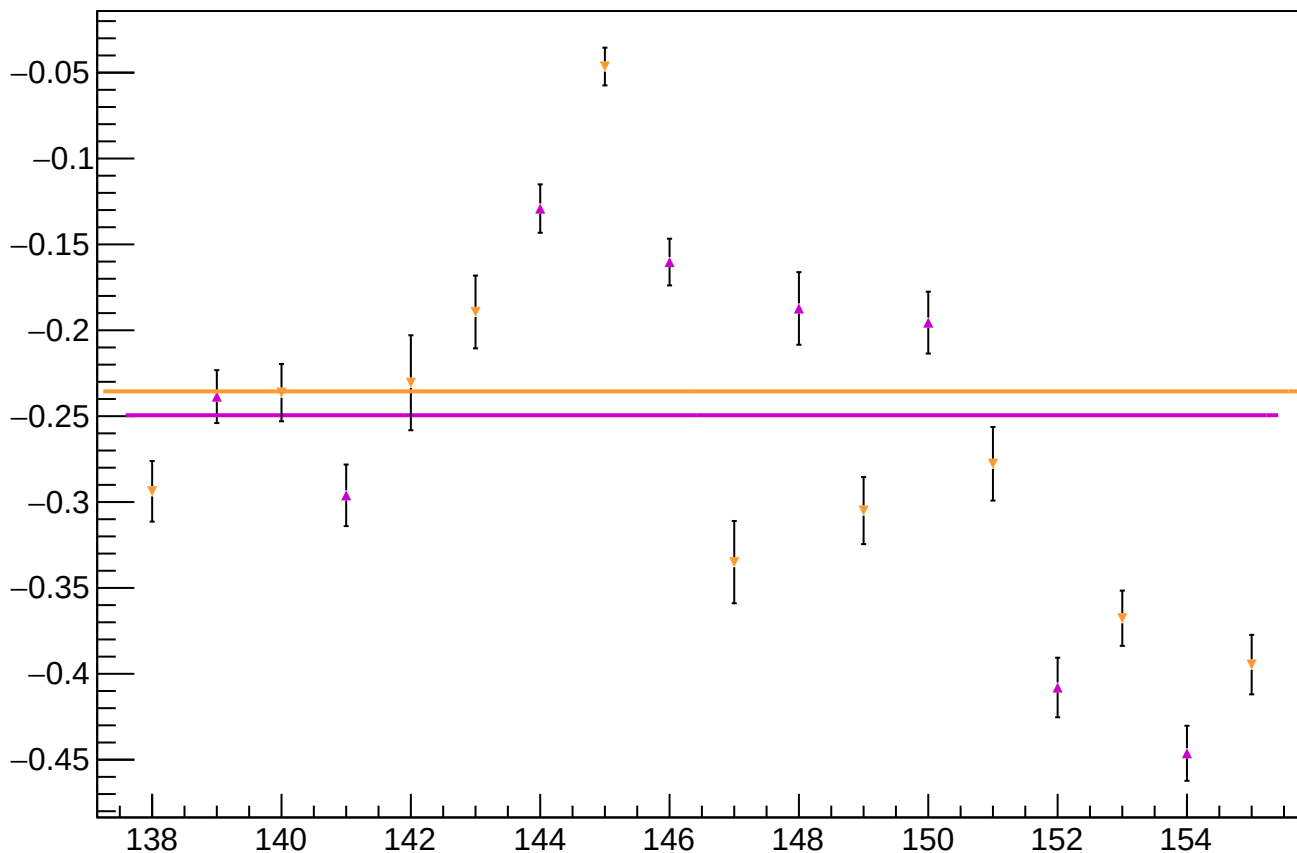
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.797+/-0.117 χ^2/NDF :1662.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.078+/-0.119 χ^2/NDF :1742.1/7

Left: 41.463+/-0.083 χ^2/NDF : 3670.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.078+/-0.119 χ^2/NDF :1742.1/7
 Out: 42.797+/-0.117 χ^2/NDF :1662.7/9
 All: 41.463+/-0.083 χ^2/NDF : 3670.0/17

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: -0.236+/-0.006 χ^2/NDF :497.5/9

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

Left In: -0.249+/-0.006 χ^2/NDF :375.3/7

Left: -0.242+/-0.004 χ^2/NDF : 875.8/17

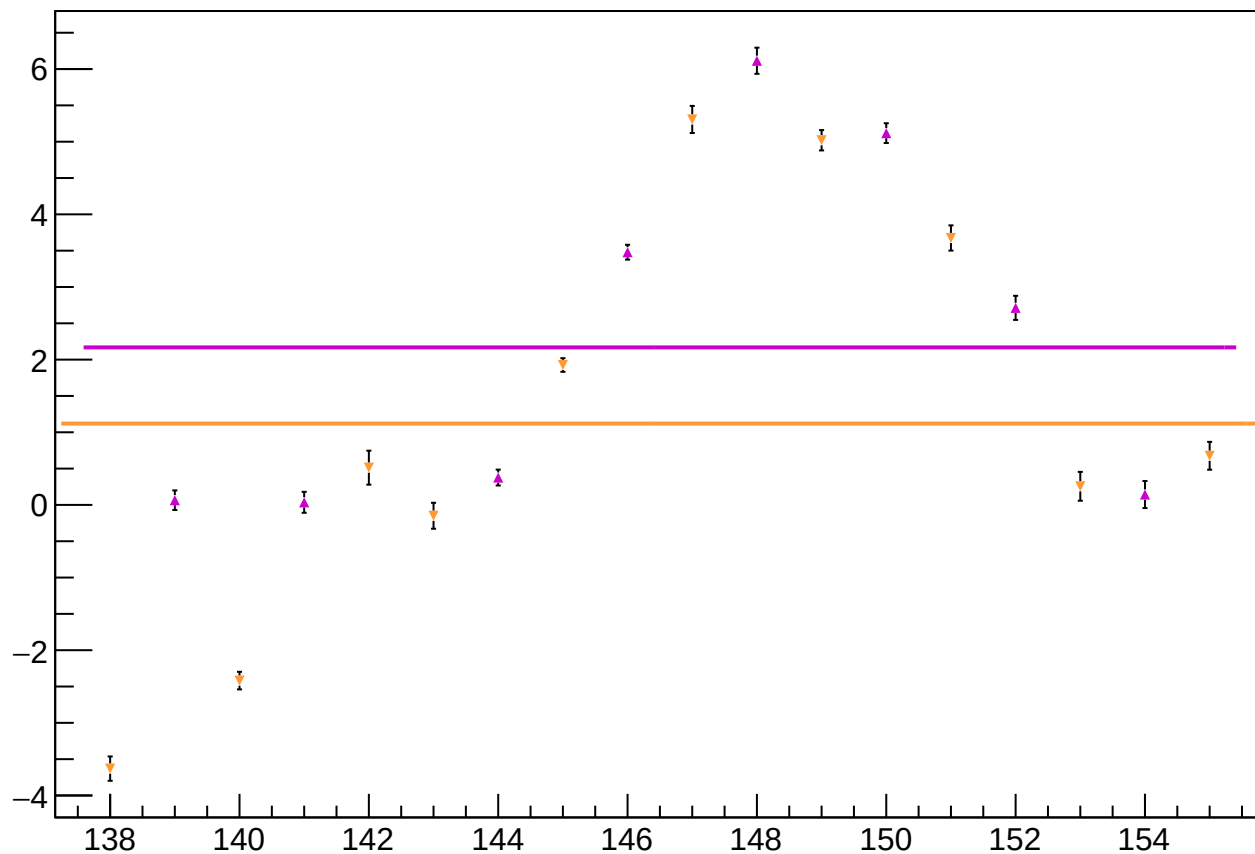
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.249+/-0.006 χ^2/NDF :375.3/7

Out: -0.236+/-0.006 χ^2/NDF :497.5/9

All: -0.242+/-0.004 χ^2/NDF : 875.8/17

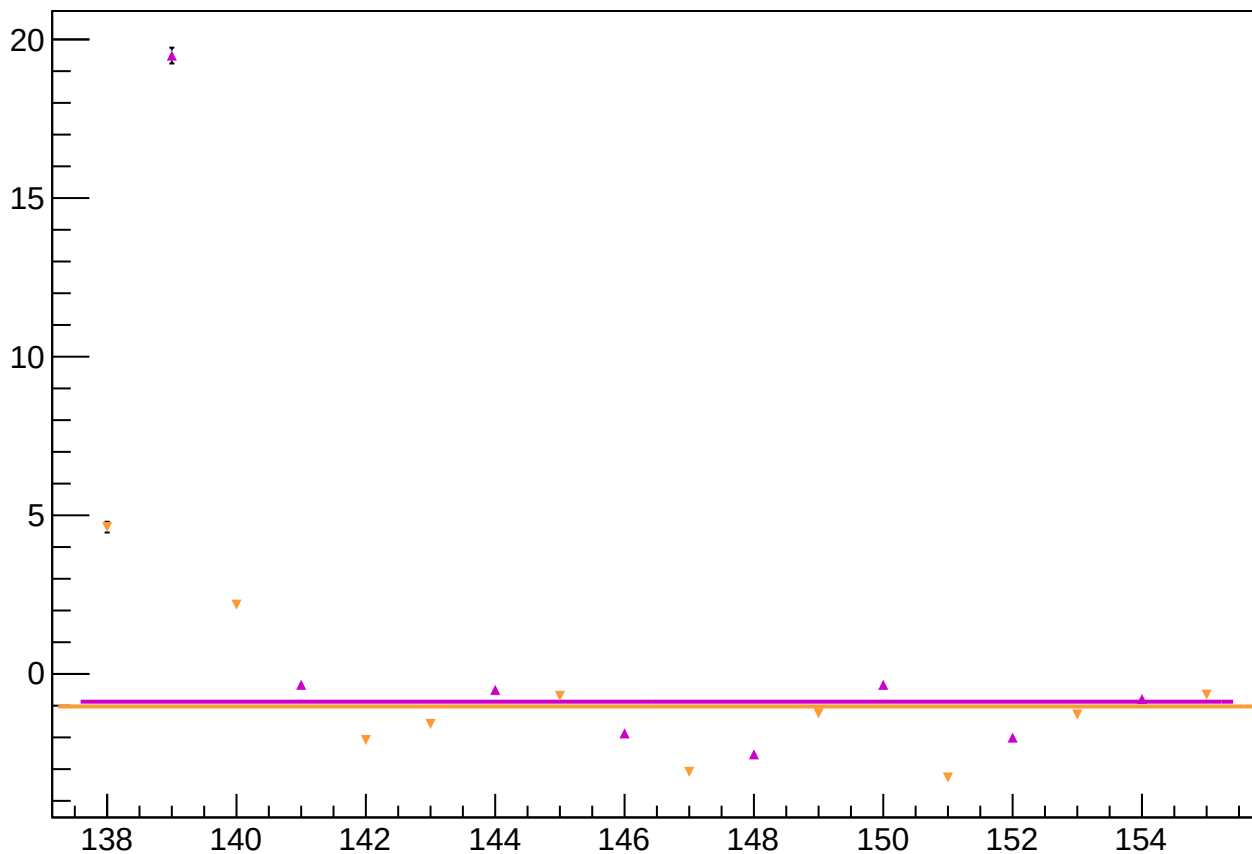
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.120+/-0.048 χ^2/NDF :3308.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.169+/-0.048 χ^2/NDF :1975.1/7

Left: 1.644+/-0.034 χ^2/NDF : 5521.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.169+/-0.048 χ^2/NDF :1975.1/7
 Out: 1.120+/-0.048 χ^2/NDF :3308.3/9
 All: 1.644+/-0.034 χ^2/NDF : 5521.2/17

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



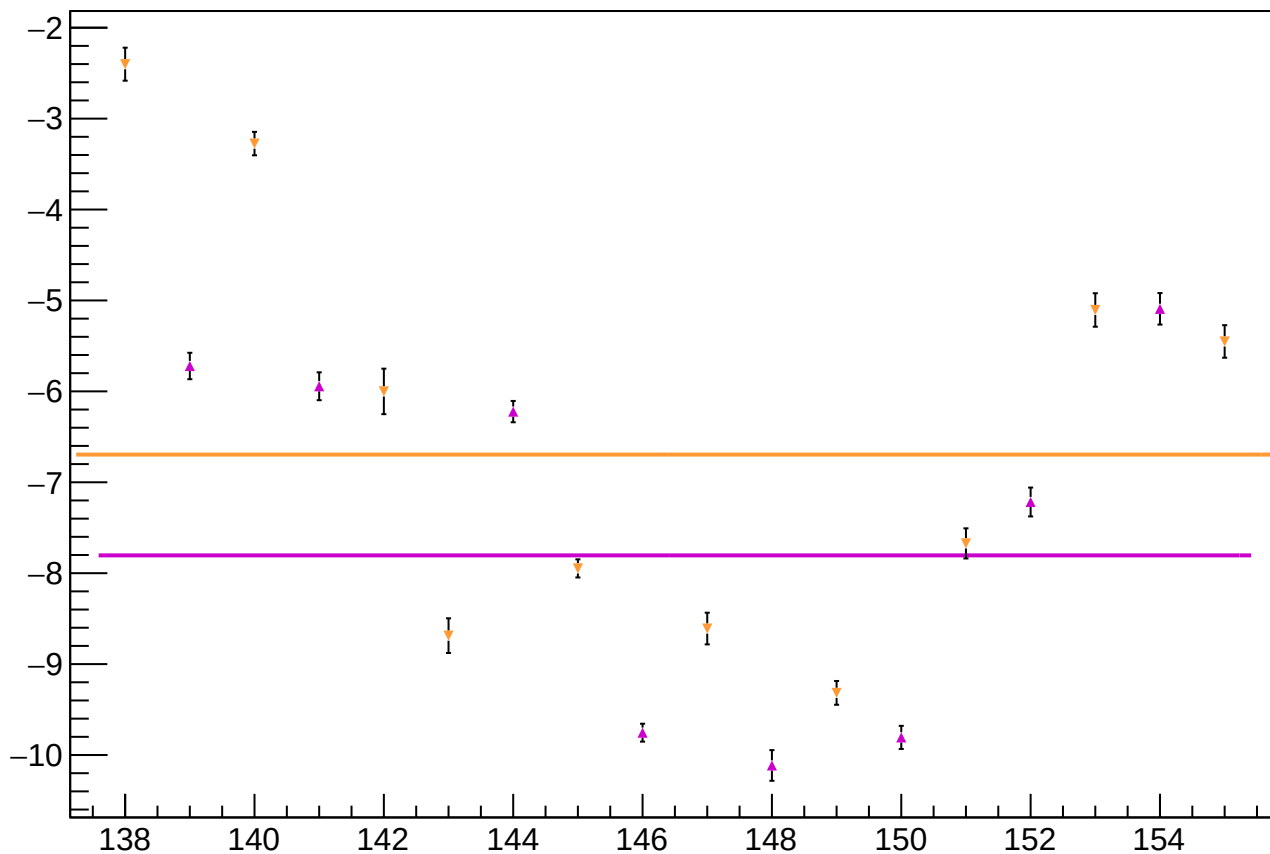
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.026 $\pm$ 0.034 χ^2 /NDF:3255.1/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.874 $\pm$ 0.034 χ^2 /NDF:7416.1/7

Left: -0.950 $\pm$ 0.024 χ^2 /NDF: 10681.2/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.874 $\pm$ 0.034 χ^2 /NDF:7416.1/7
 Out: -1.026 $\pm$ 0.034 χ^2 /NDF:3255.1/9

All: -0.950 $\pm$ 0.024 χ^2 /NDF: 10681.2/17

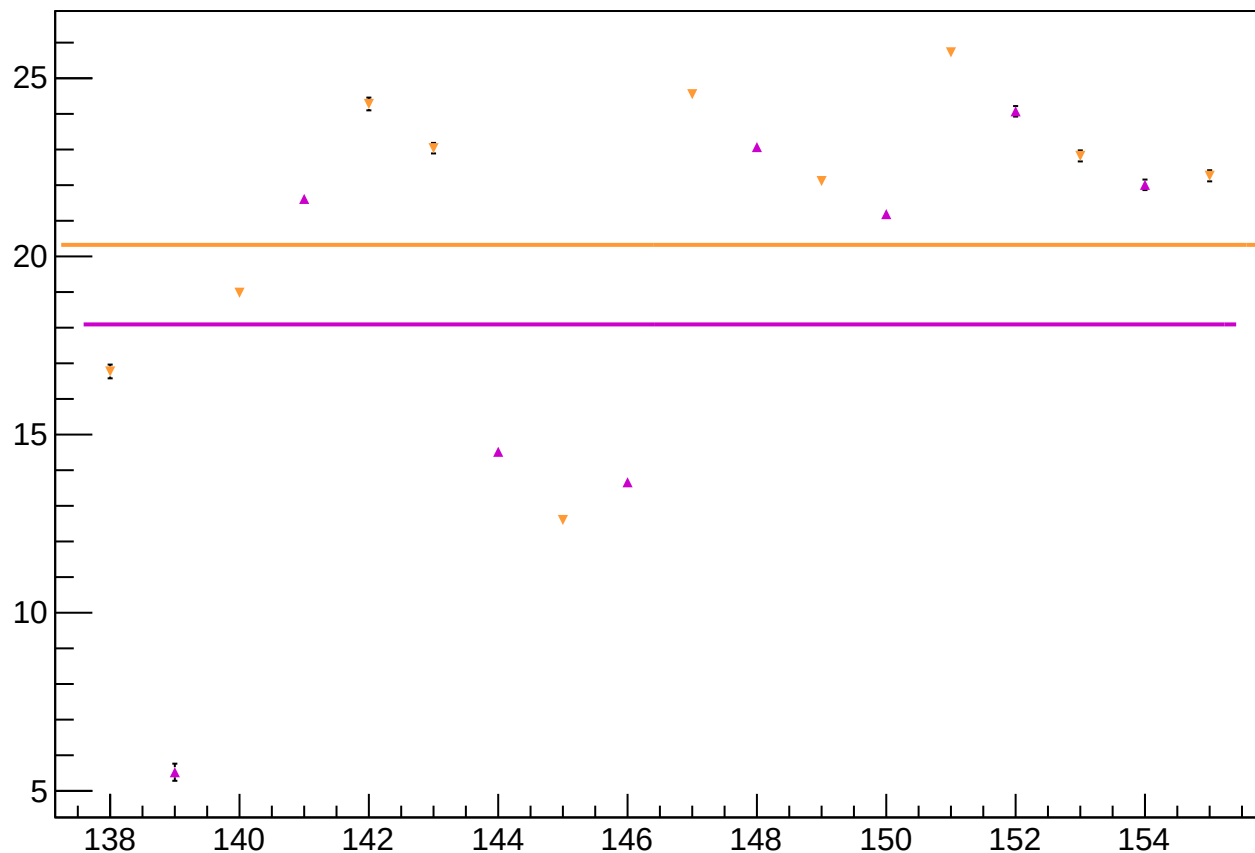
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.695 $\pm$ 0.049 χ^2 /NDF:2215.7/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.804 $\pm$ 0.048 χ^2 /NDF:1620.6/7

Left: -7.258 $\pm$ 0.034 χ^2 /NDF: 4100.0/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.804 $\pm$ 0.048 χ^2 /NDF:1620.6/7
 Out: -6.695 $\pm$ 0.049 χ^2 /NDF:2215.7/9
 All: -7.258 $\pm$ 0.034 χ^2 /NDF: 4100.0/17

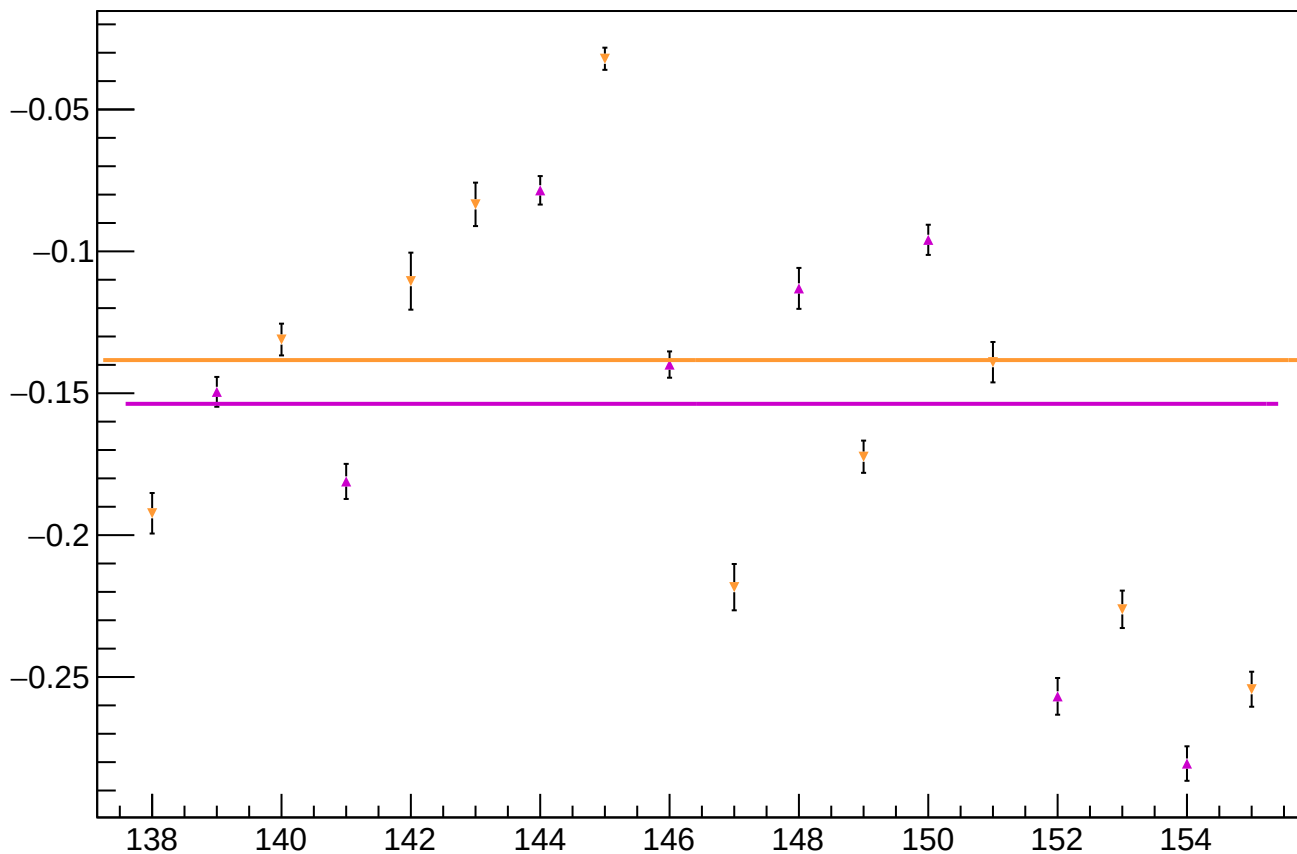
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.324+/-0.041 χ^2/NDF :12508.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.092+/-0.041 χ^2/NDF :12744.3/7

Left: 19.208+/-0.029 χ^2/NDF : 26729.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.092+/-0.041 χ^2/NDF :12744.3/7
 Out: 20.324+/-0.041 χ^2/NDF :12508.8/9
 All: 19.208+/-0.029 χ^2/NDF : 26729.0/17

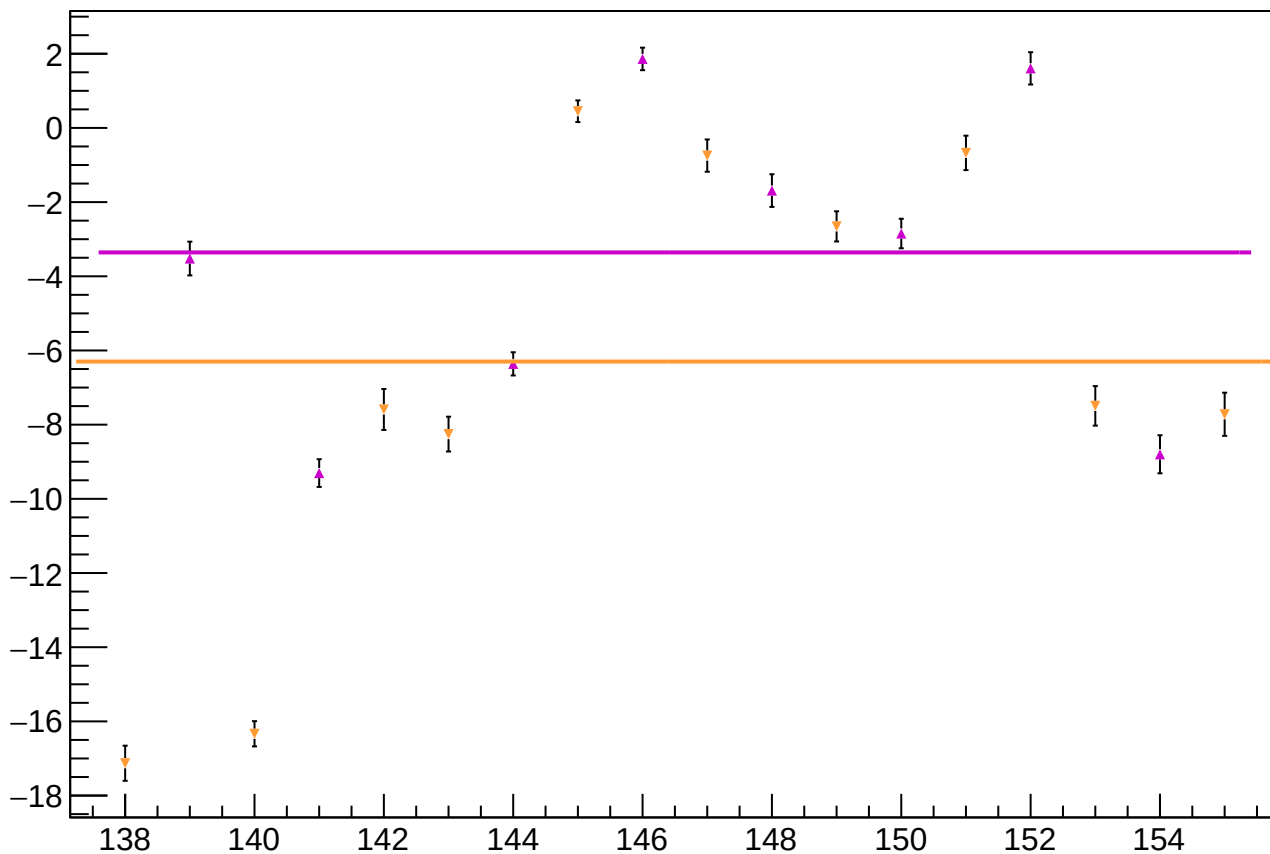
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.138+/-0.002 χ^2/NDF :1519.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.154+/-0.002 χ^2/NDF :1092.2/7

Left: -0.146+/-0.001 χ^2/NDF : 2642.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.154+/-0.002 χ^2/NDF :1092.2/7
 Out: -0.138+/-0.002 χ^2/NDF :1519.4/9
 All: -0.146+/-0.001 χ^2/NDF : 2642.1/17

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -6.299+/-0.135 χ^2/NDF : 2352.1/9

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

Left In: -3.357+/-0.137 χ^2/NDF : 899.8/7

Left: -4.848+/-0.096 χ^2/NDF : 3487.1/17

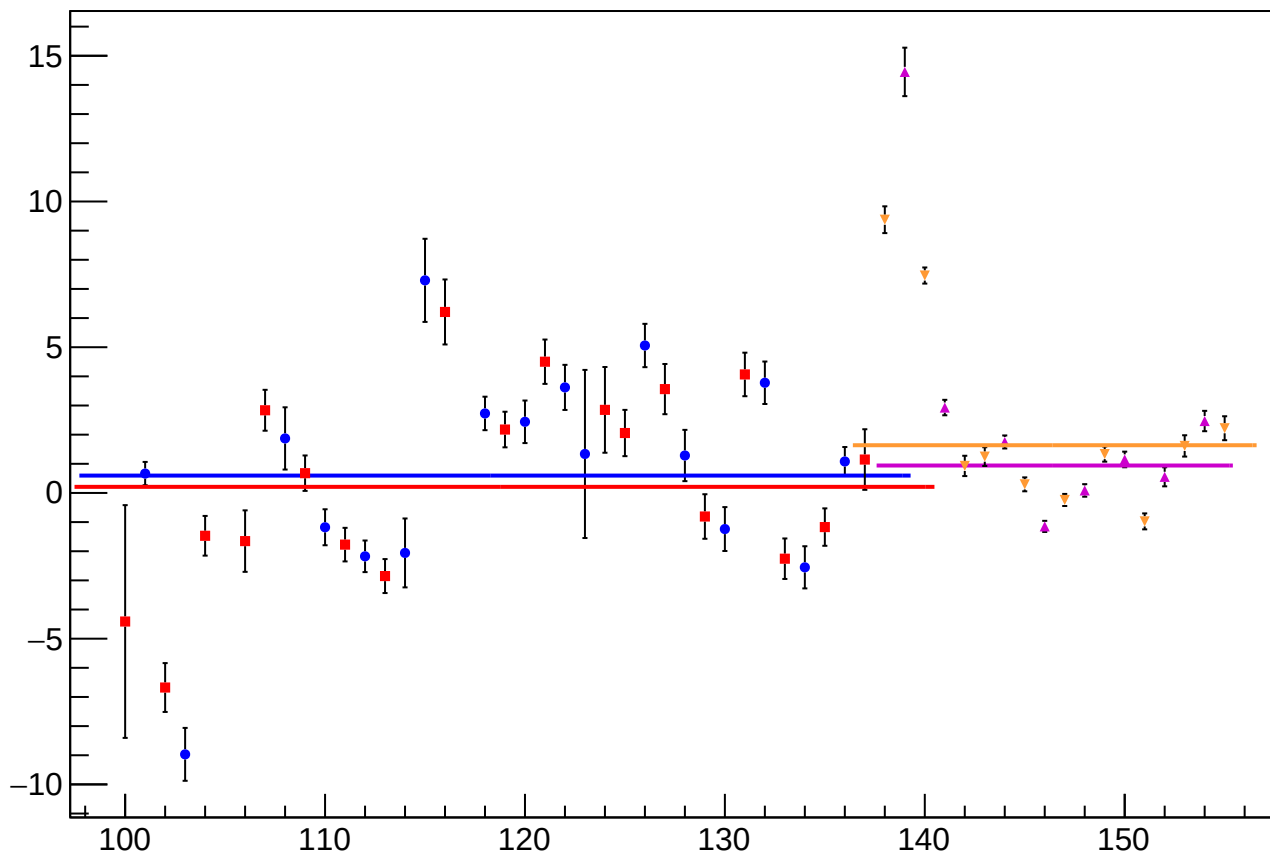
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.357+/-0.137 χ^2/NDF : 899.8/7

Out: -6.299+/-0.135 χ^2/NDF : 2352.1/9

All: -4.848+/-0.096 χ^2/NDF : 3487.1/17

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596 $\pm$ 0.169 χ^2 /NDF: 291.2/16

Left Out: 1.637 $\pm$ 0.092 χ^2 /NDF:941.7/9

Right Out: 0.209 $\pm$ 0.175 χ^2 /NDF: 273.5/18

Left In: 0.941 $\pm$ 0.093 χ^2 /NDF:489.6/7

Left: 1.292 $\pm$ 0.065 χ^2 /NDF: 1459.7/17

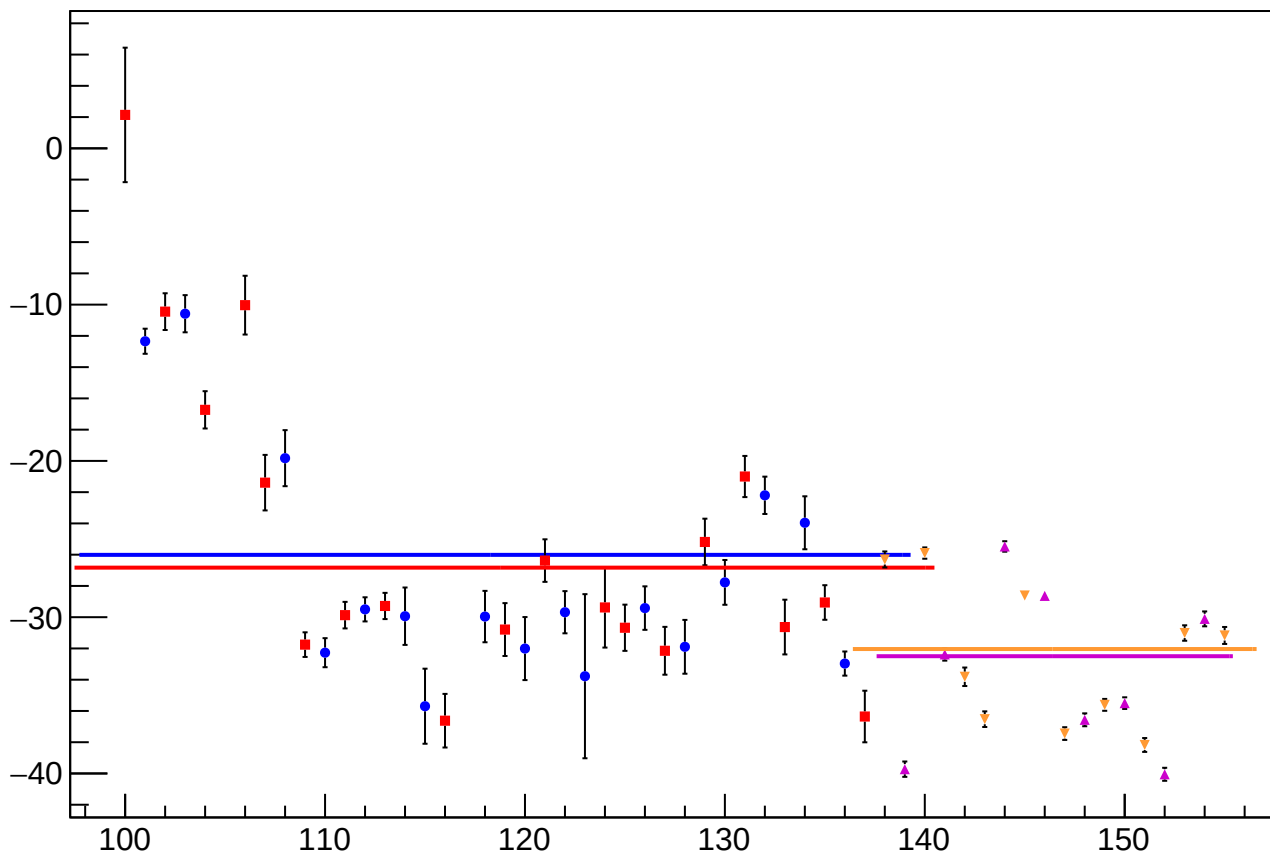
Right: 0.409 $\pm$ 0.121 χ^2 /NDF: 567.2/35

In: 0.861 $\pm$ 0.081 χ^2 /NDF:784.0/24

Out: 1.327 $\pm$ 0.081 χ^2 /NDF:1267.5/28

All: 1.094 $\pm$ 0.058 χ^2 /NDF: 2067.9/53

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -32.037 ± 0.136 χ^2/NDF : 1087.7/9

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

Left In: -32.497 ± 0.136 χ^2/NDF : 1347.2/7

Left: -32.267 ± 0.096 χ^2/NDF : 2440.6/17

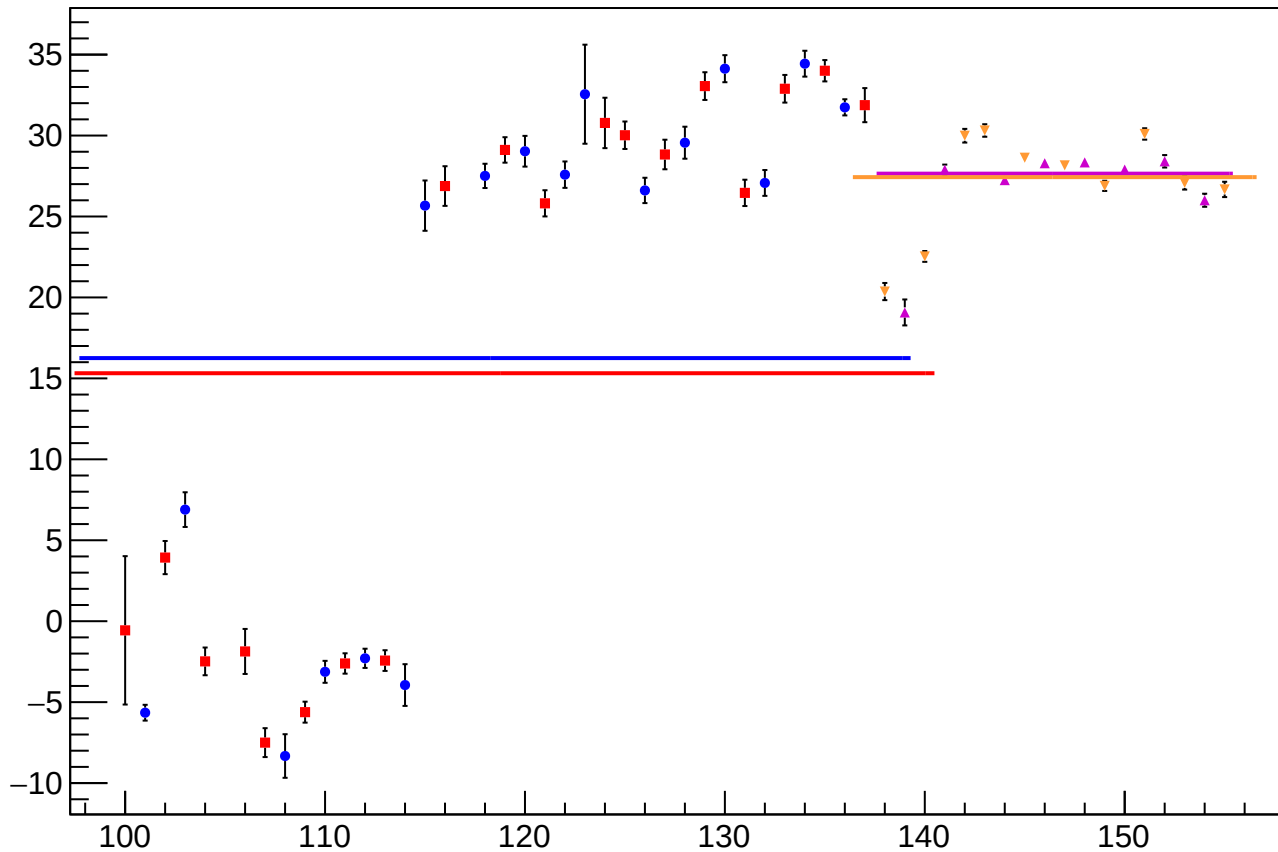
Right: -26.423 ± 0.211 χ^2/NDF : 1278.3/35

In: -31.394 ± 0.124 χ^2/NDF : 2429.0/24

Out: -31.139 ± 0.124 χ^2/NDF : 1923.0/28

All: -31.267 ± 0.087 χ^2/NDF : 4354.1/53

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF : 7611.3/16

Left Out: 27.431+/-0.113 χ^2/NDF : 574.0/9

Right Out: 15.318+/-0.197 χ^2/NDF : 7280.1/18

Left In: 27.646+/-0.114 χ^2/NDF : 151.0/7

Left: 27.538+/-0.080 χ^2/NDF : 726.7/17

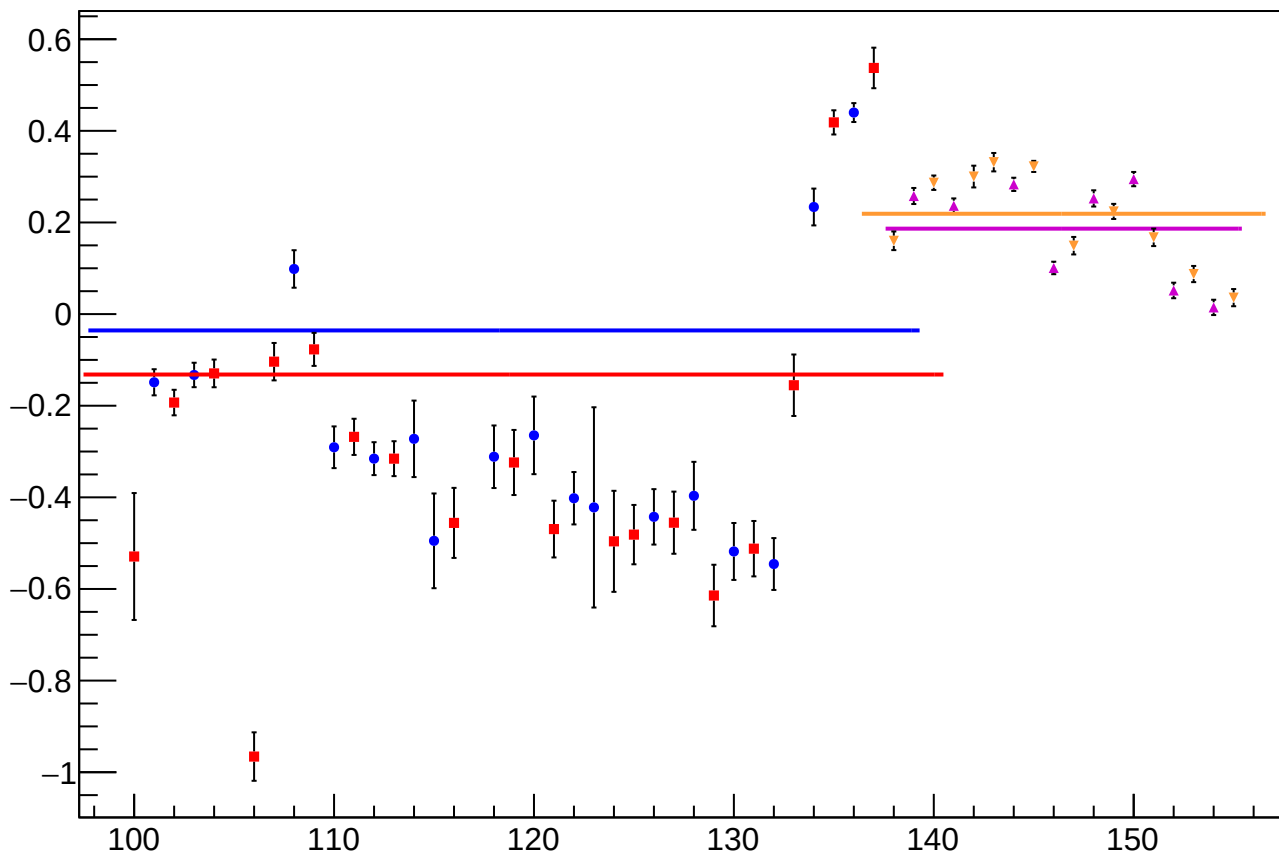
Right: 15.800+/-0.137 χ^2/NDF : 14903.0/35

In: 24.667+/-0.098 χ^2/NDF : 10389.3/24

Out: 24.445+/-0.098 χ^2/NDF : 10703.0/28

All: 24.556+/-0.069 χ^2/NDF : 21094.9/53

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: 0.219 ± 0.006 χ^2/NDF : 313.8/9

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

Left In: 0.187 ± 0.006 χ^2/NDF : 341.2/7

Left: 0.203 ± 0.004 χ^2/NDF : 672.0/17

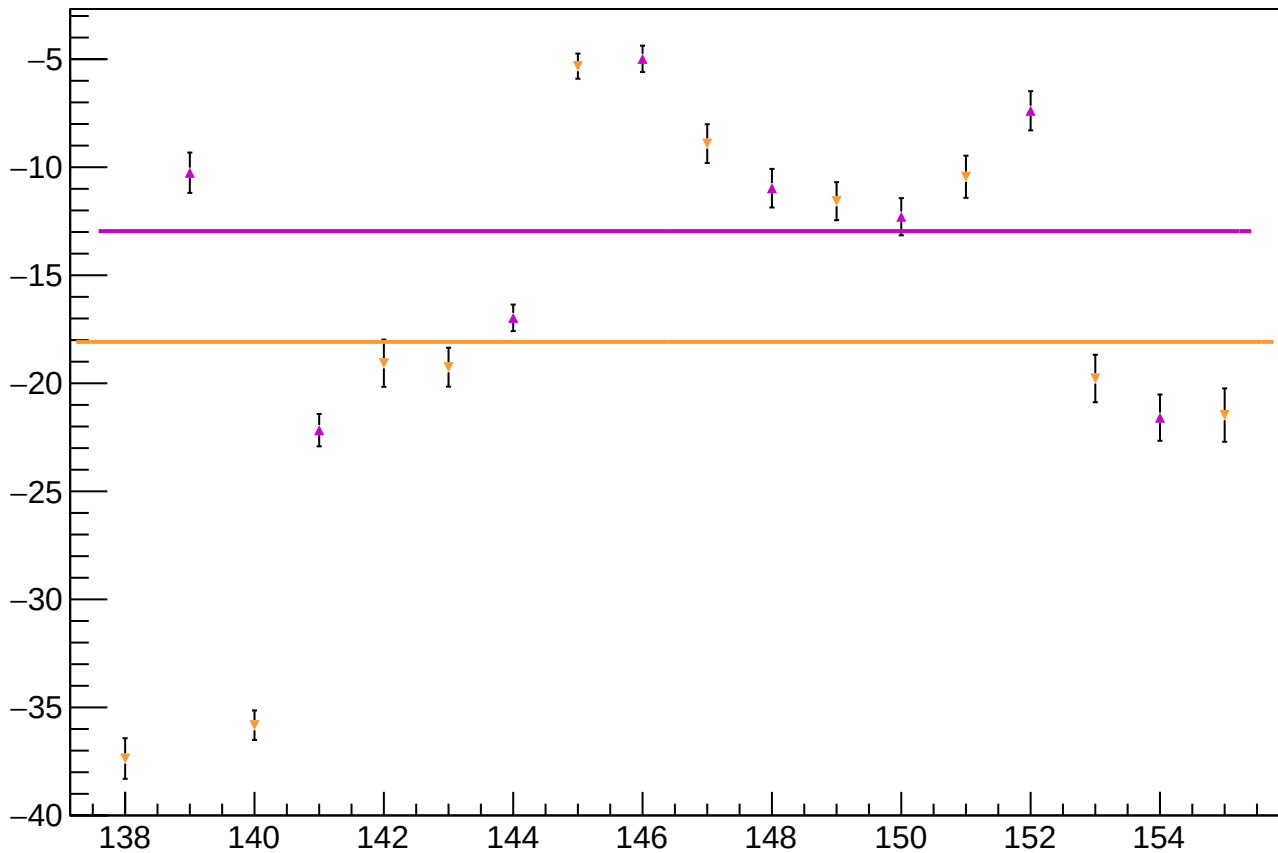
Right: -0.084 ± 0.007 χ^2/NDF : 2229.1/35

In: 0.136 ± 0.005 χ^2/NDF : 1713.5/24

Out: 0.141 ± 0.005 χ^2/NDF : 2377.9/28

All: 0.138 ± 0.003 χ^2/NDF : 4092.1/53

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -18.083+/-0.274 χ^2/NDF :1807.0/9

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

Left In: -12.956+/-0.278 χ^2/NDF :481.5/7

Left: -15.558+/-0.195 χ^2/NDF : 2461.3/17

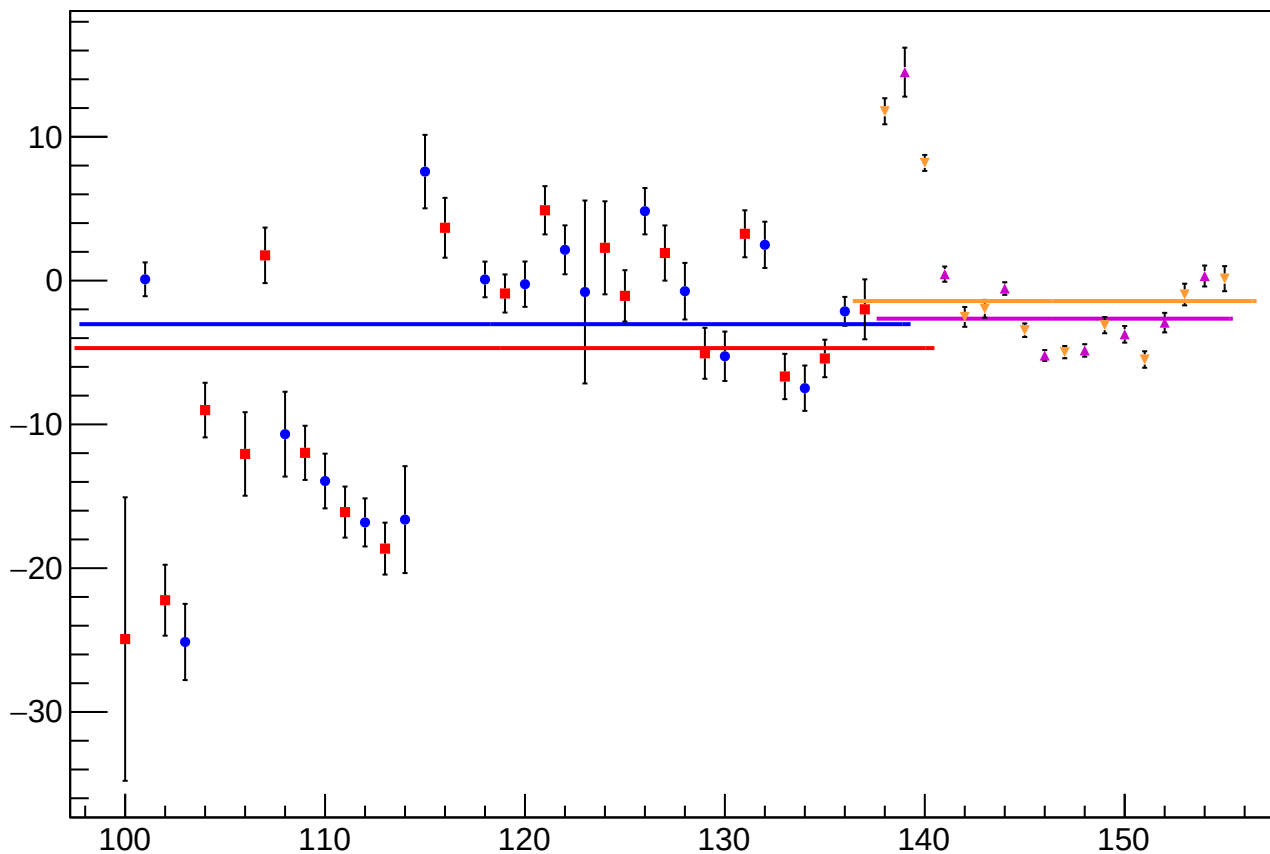
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.956+/-0.278 χ^2/NDF :481.5/7

Out: -18.083+/-0.274 χ^2/NDF :1807.0/9

All: -15.558+/-0.195 χ^2/NDF : 2461.3/17

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030 ± 0.408 $\chi^2/\text{NDF}: 280.8/16$

Left Out: -1.422 ± 0.187 $\chi^2/\text{NDF}: 665.3/9$

Right Out: -4.694 ± 0.427 $\chi^2/\text{NDF}: 298.3/18$

Left In: -2.648 ± 0.187 $\chi^2/\text{NDF}: 250.6/7$

Left: -2.035 ± 0.133 $\chi^2/\text{NDF}: 937.3/17$

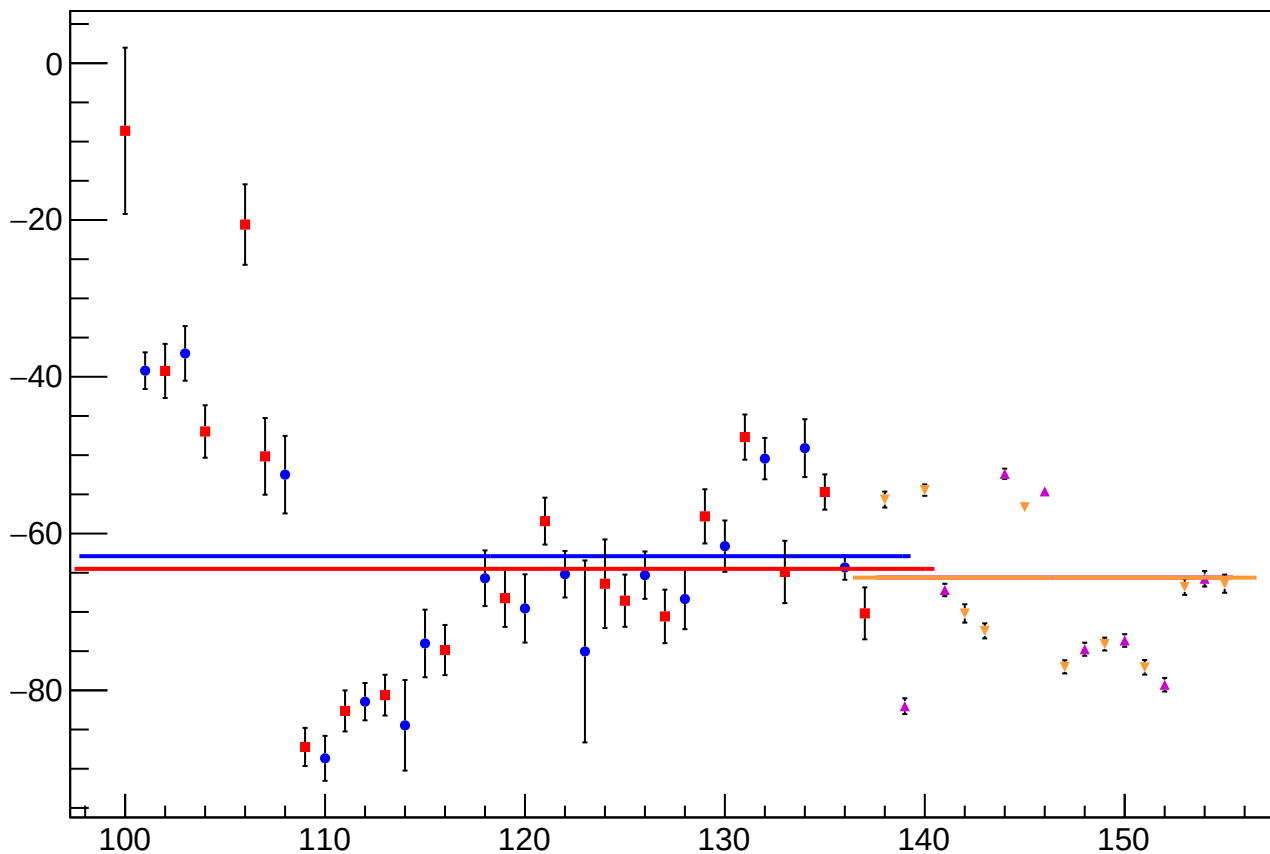
Right: -3.824 ± 0.295 $\chi^2/\text{NDF}: 587.0/35$

In: -2.715 ± 0.170 $\chi^2/\text{NDF}: 532.1/24$

Out: -1.951 ± 0.172 $\chi^2/\text{NDF}: 1012.9/28$

All: -2.336 ± 0.121 $\chi^2/\text{NDF}: 1555.0/53$

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: -65.623 ± 0.277 χ^2/NDF : 1049.6/9

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

Left In: -65.602 ± 0.276 χ^2/NDF : 1491.9/7

Left: -65.612 ± 0.196 χ^2/NDF : 2541.4/17

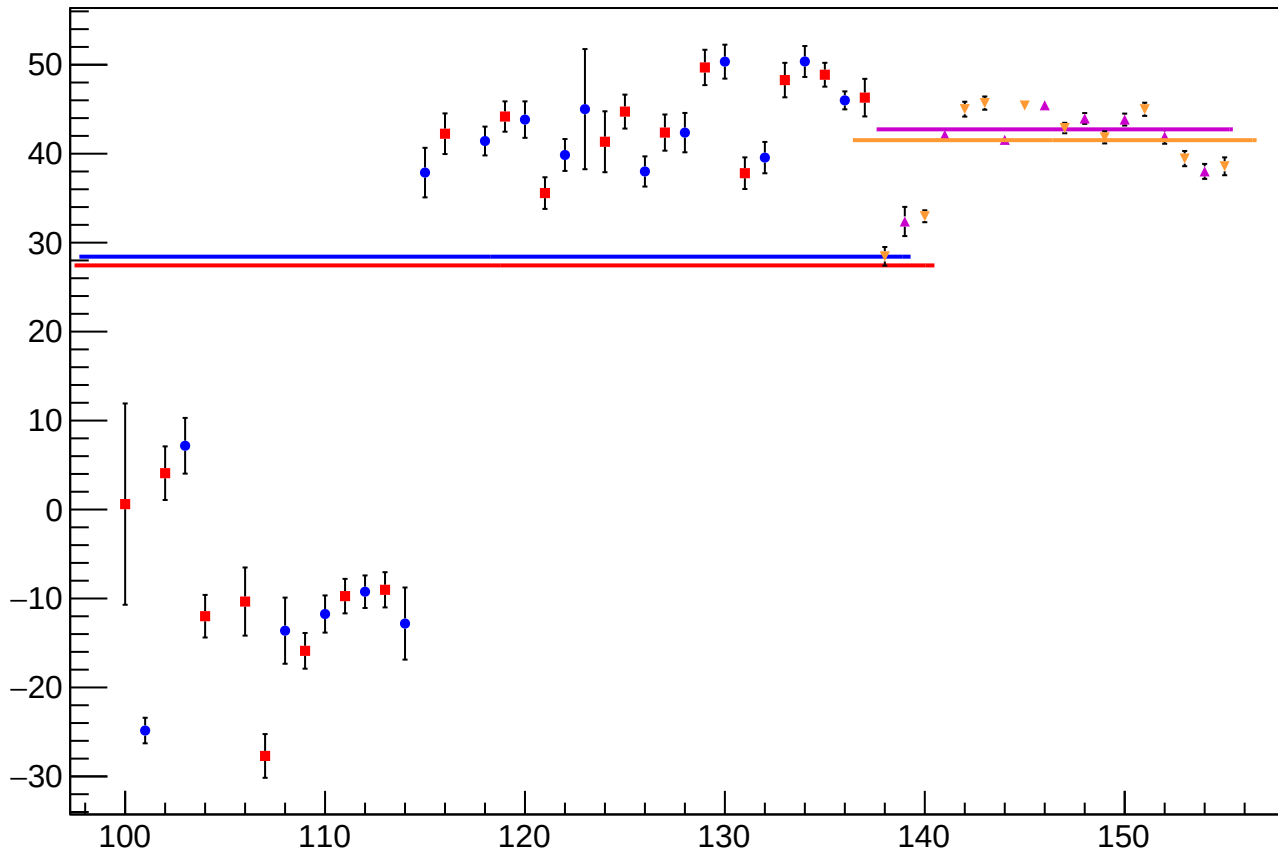
Right: -63.680 ± 0.526 χ^2/NDF : 815.2/35

In: -65.268 ± 0.259 χ^2/NDF : 1872.5/24

Out: -65.489 ± 0.260 χ^2/NDF : 1495.6/28

All: -65.378 ± 0.183 χ^2/NDF : 3368.4/53

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 41.521 $\pm$ 0.230 χ^2 /NDF:459.1/9

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

Left In: 42.736 $\pm$ 0.230 χ^2 /NDF:117.5/7

Left: 42.126 $\pm$ 0.163 χ^2 /NDF: 590.6/17

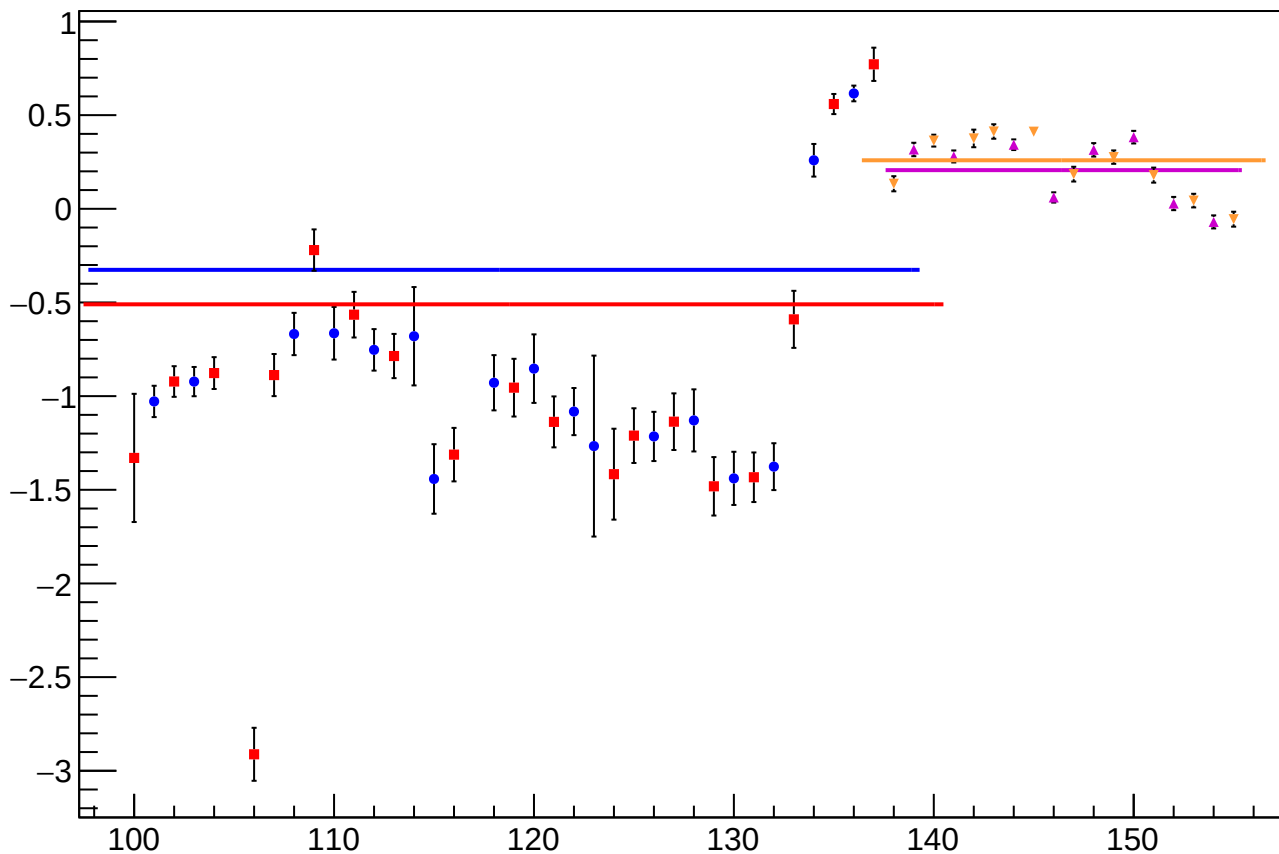
Right: 27.956 $\pm$ 0.331 χ^2 /NDF: 6365.5/35

In: 39.835 $\pm$ 0.206 χ^2 /NDF:4229.4/24

Out: 38.888 $\pm$ 0.207 χ^2 /NDF:4195.6/28

All: 39.364 $\pm$ 0.146 χ^2 /NDF: 8435.5/53

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: 0.259 ± 0.011 χ^2/NDF : 187.0/9

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

Left In: 0.206 ± 0.011 χ^2/NDF : 190.1/7

Left: 0.233 ± 0.008 χ^2/NDF : 387.8/17

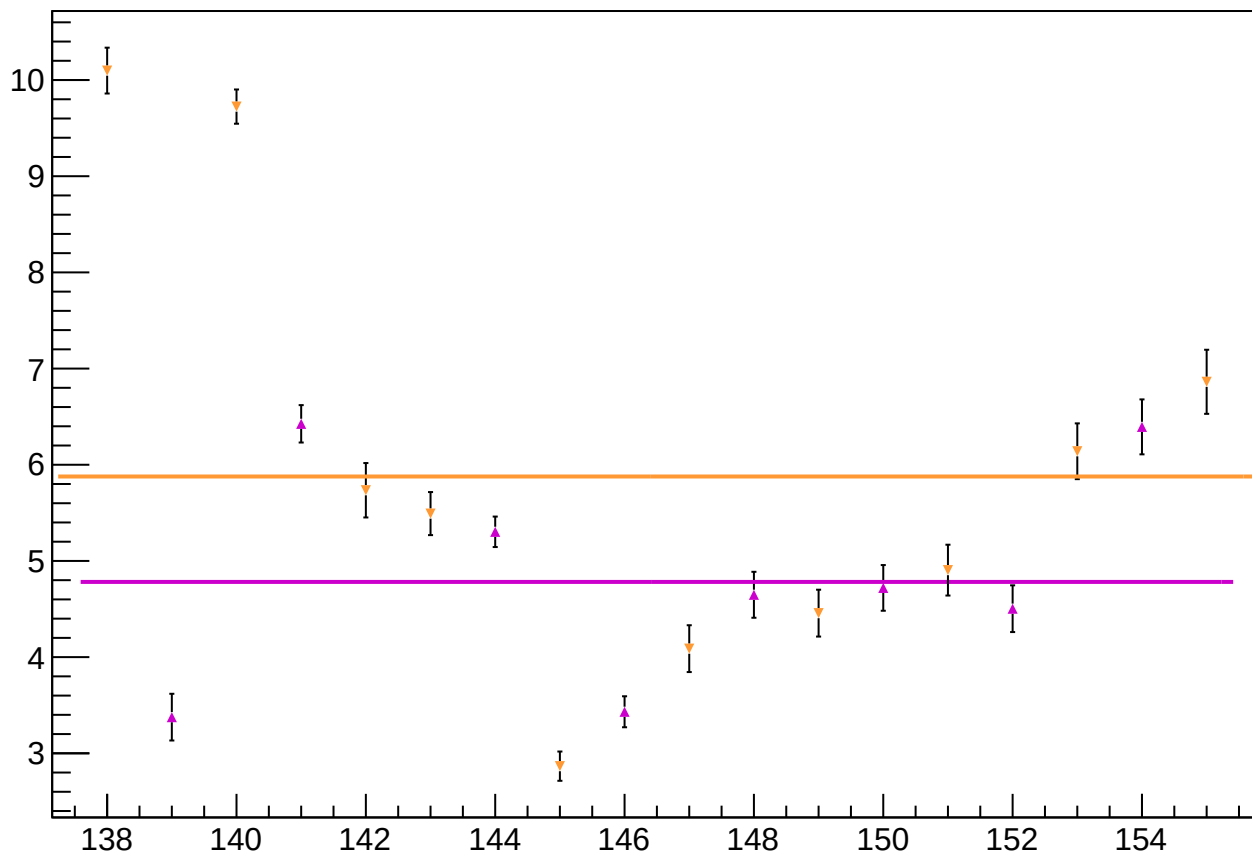
Right: -0.415 ± 0.018 χ^2/NDF : 2208.8/35

In: 0.113 ± 0.010 χ^2/NDF : 1580.0/24

Out: 0.135 ± 0.010 χ^2/NDF : 2106.9/28

All: 0.124 ± 0.007 χ^2/NDF : 3689.1/53

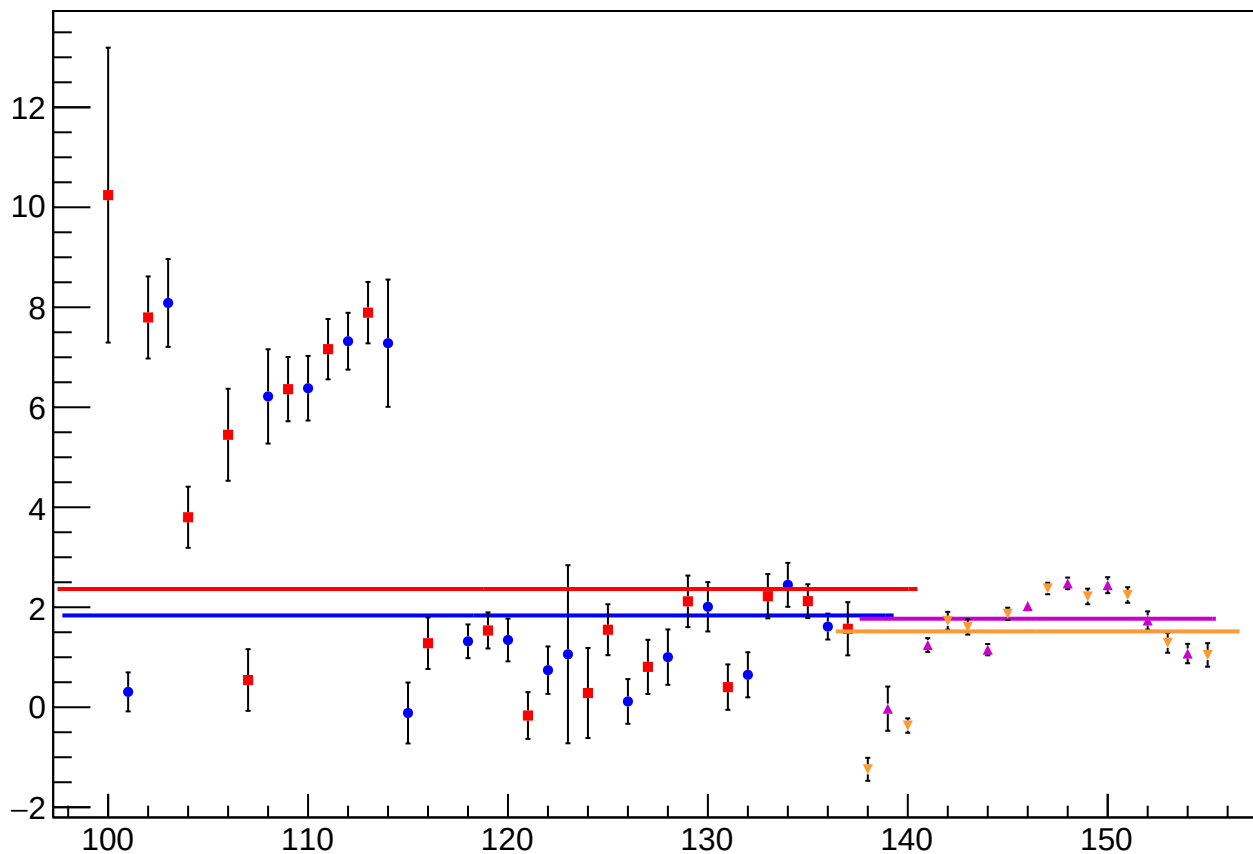
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.878 $\pm$ 0.072 χ^2 /NDF:1286.5/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.782 $\pm$ 0.073 χ^2 /NDF:219.6/7

Left: 5.341 $\pm$ 0.051 χ^2 /NDF: 1620.1/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.782 $\pm$ 0.073 χ^2 /NDF:219.6/7
 Out: 5.878 $\pm$ 0.072 χ^2 /NDF:1286.5/9
 All: 5.341 $\pm$ 0.051 χ^2 /NDF: 1620.1/17

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836 $\pm$ 0.116 χ^2 /NDF: 294.9/16

Left Out: 1.518 $\pm$ 0.049 χ^2 /NDF:427.7/9

Right Out: 2.365 $\pm$ 0.123 χ^2 /NDF: 336.4/18

Left In: 1.771 $\pm$ 0.049 χ^2 /NDF:135.5/7

Left: 1.644 $\pm$ 0.035 χ^2 /NDF: 576.3/17

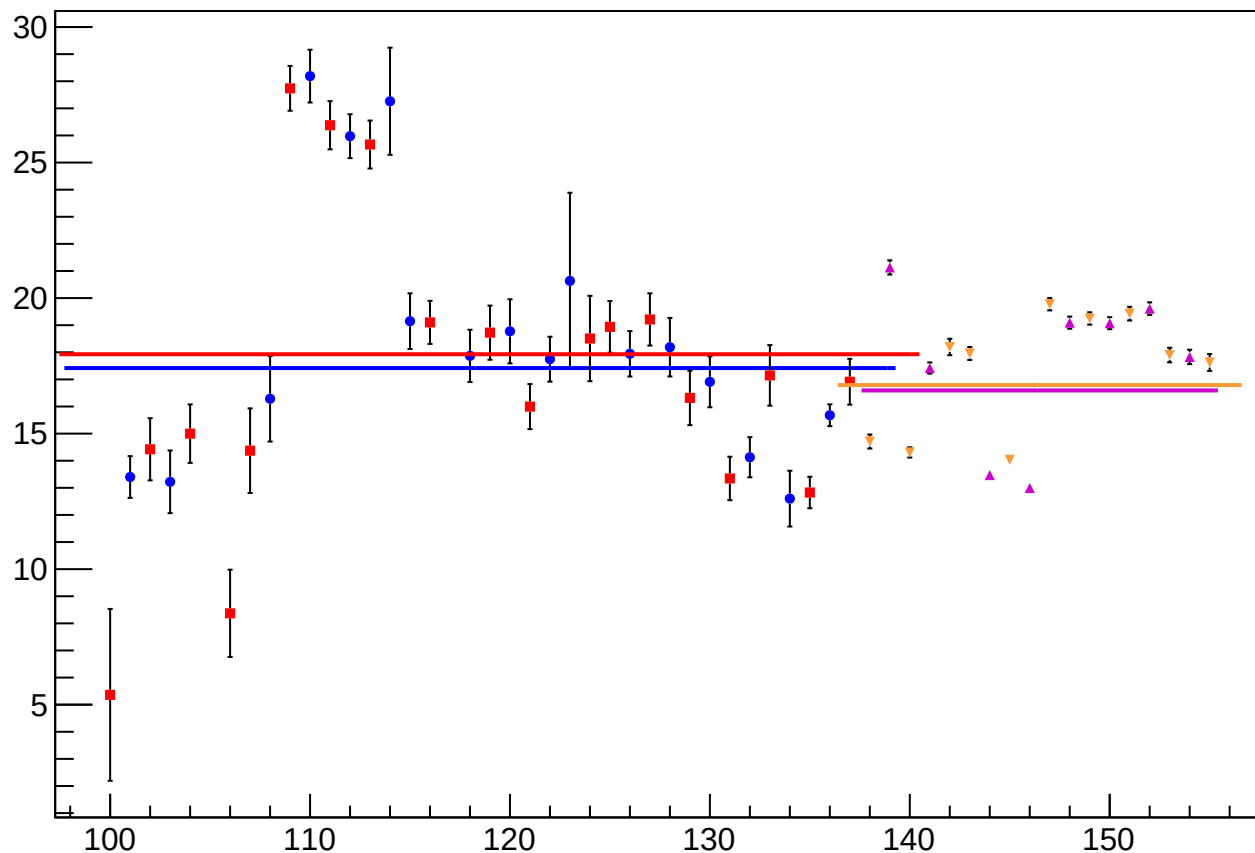
Right: 2.086 $\pm$ 0.084 χ^2 /NDF: 641.1/35

In: 1.781 $\pm$ 0.045 χ^2 /NDF:430.7/24

Out: 1.636 $\pm$ 0.046 χ^2 /NDF:805.1/28

All: 1.709 $\pm$ 0.032 χ^2 /NDF: 1240.8/53

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 16.791 $\pm$ 0.073 χ^2 /NDF: 994.5/9

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

Left In: 16.593 $\pm$ 0.073 χ^2 /NDF: 1634.2/7

Left: 16.692 $\pm$ 0.052 χ^2 /NDF: 2632.4/17

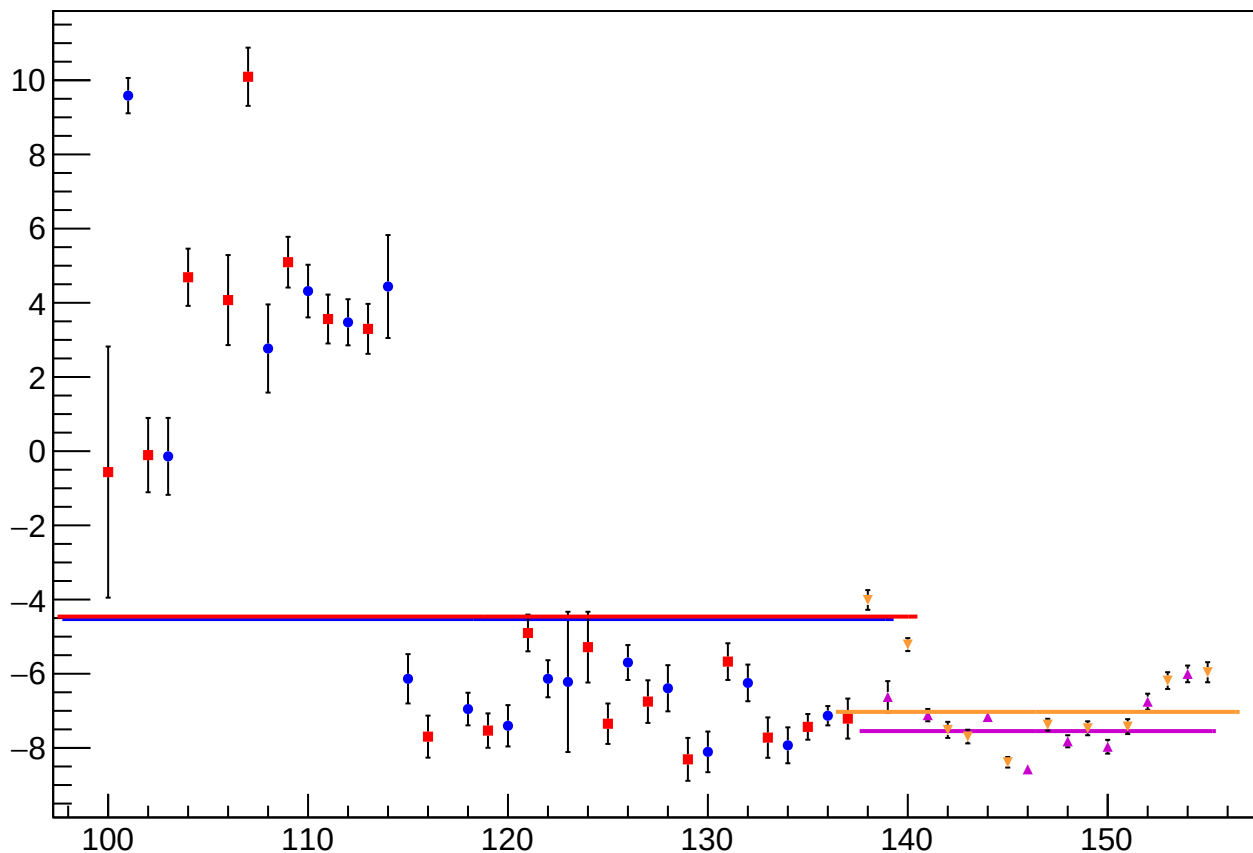
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 16.681 $\pm$ 0.069 χ^2 /NDF: 2014.6/24

Out: 16.905 $\pm$ 0.069 χ^2 /NDF: 1525.2/28

All: 16.793 $\pm$ 0.049 χ^2 /NDF: 3545.0/53

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: -7.028 ± 0.061 χ^2/NDF : 390.3/9

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

Left In: -7.546 ± 0.061 χ^2/NDF : 156.9/7

Left: -7.286 ± 0.043 χ^2/NDF : 583.8/17

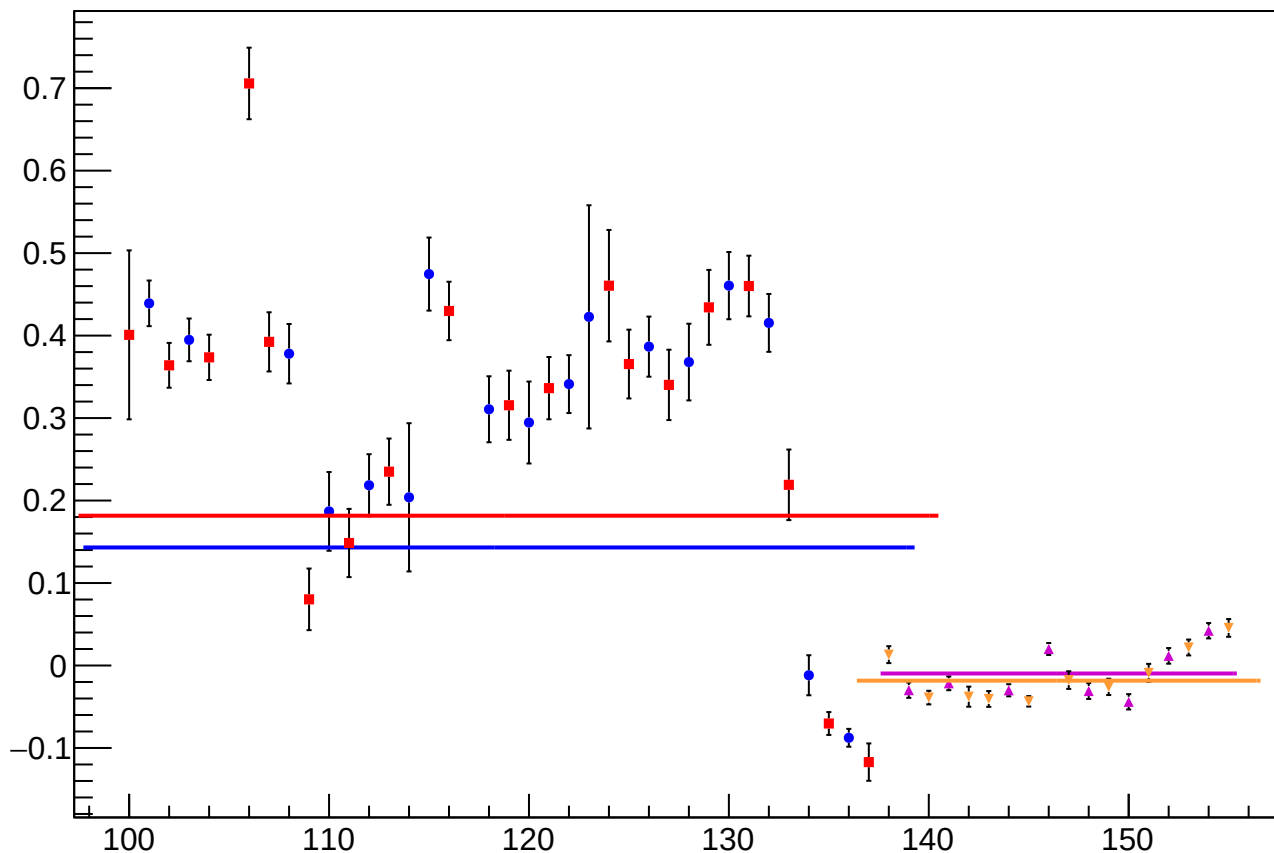
Right: -4.494 ± 0.094 χ^2/NDF : 2929.2/35

In: -7.001 ± 0.055 χ^2/NDF : 2192.7/24

Out: -6.608 ± 0.055 χ^2/NDF : 2023.4/28

All: -6.806 ± 0.039 χ^2/NDF : 4241.5/53

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: -0.018 ± 0.003 $\chi^2/\text{NDF}: 93.2/9$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

Left In: -0.010 ± 0.003 $\chi^2/\text{NDF}: 85.9/7$

Left: -0.014 ± 0.002 $\chi^2/\text{NDF}: 183.3/17$

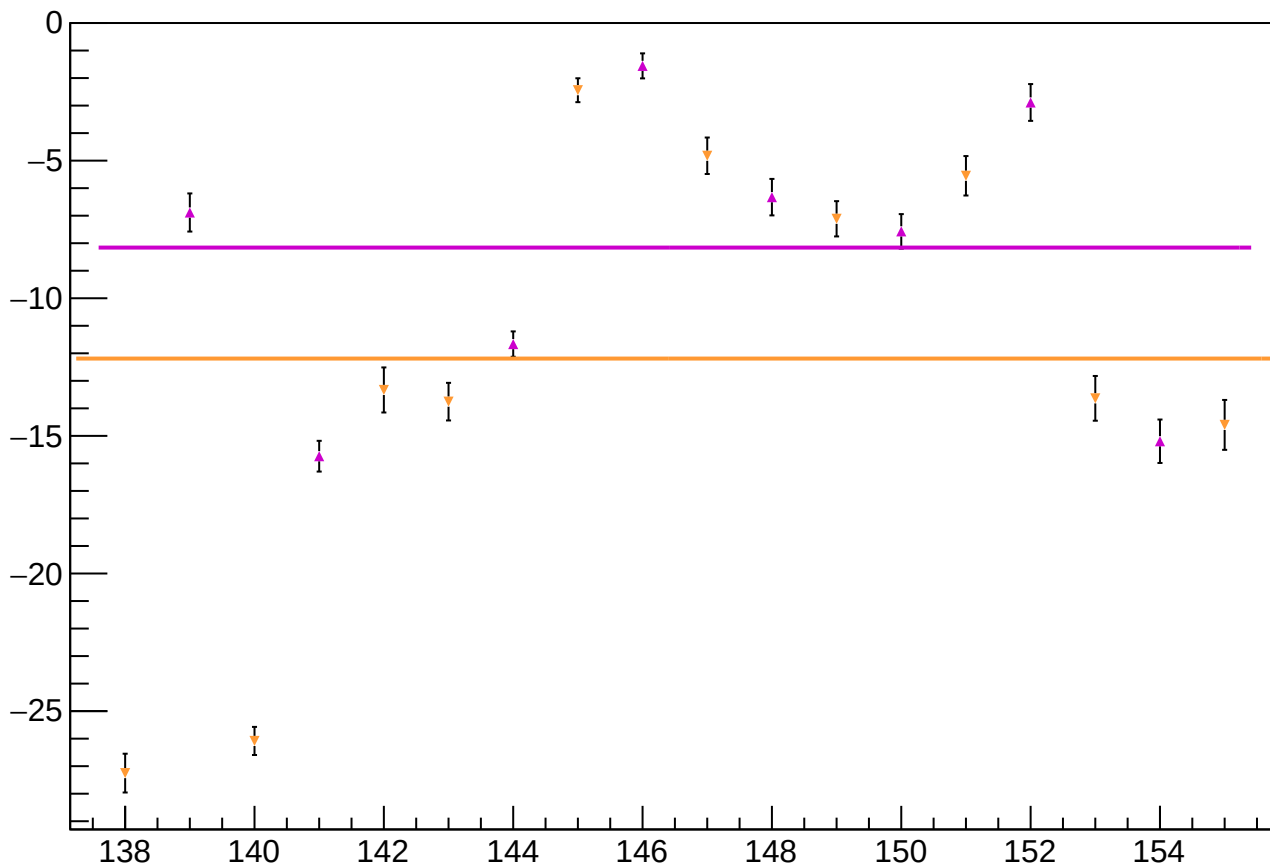
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2082.4/35$

In: 0.014 ± 0.003 $\chi^2/\text{NDF}: 1542.5/24$

Out: 0.009 ± 0.003 $\chi^2/\text{NDF}: 1732.3/28$

All: 0.012 ± 0.002 $\chi^2/\text{NDF}: 3276.3/53$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



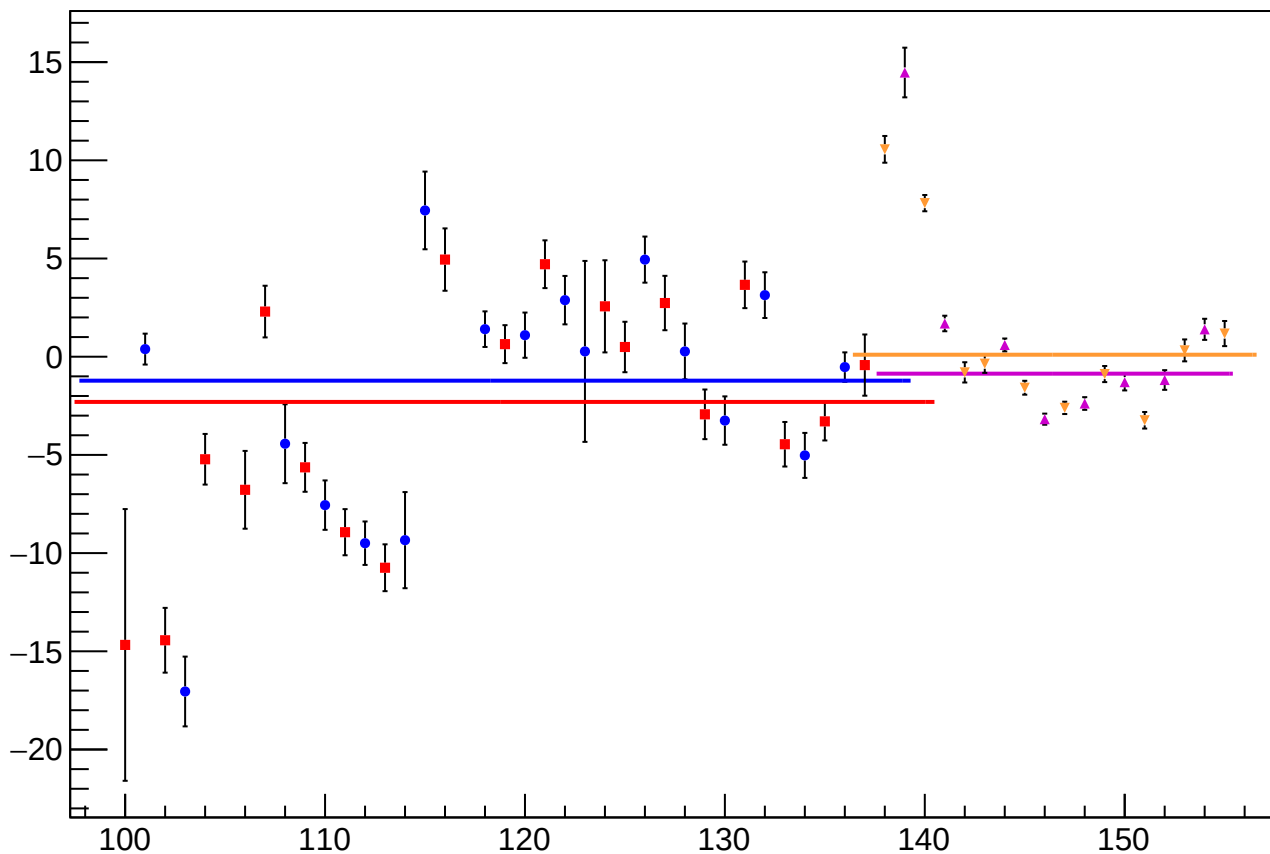
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.191+/-0.203 χ^2/NDF :1991.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.159+/-0.206 χ^2/NDF :606.6/7

Left: -10.204+/-0.145 χ^2/NDF : 2791.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.159+/-0.206 χ^2/NDF :606.6/7
 Out: -12.191+/-0.203 χ^2/NDF :1991.3/9

All: -10.204+/-0.145 χ^2/NDF : 2791.7/17

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 0.102 ± 0.139 χ^2/NDF : 755.1/9

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

Left In: -0.863 ± 0.139 χ^2/NDF : 316.9/7

Left: -0.380 ± 0.099 χ^2/NDF : 1096.0/17

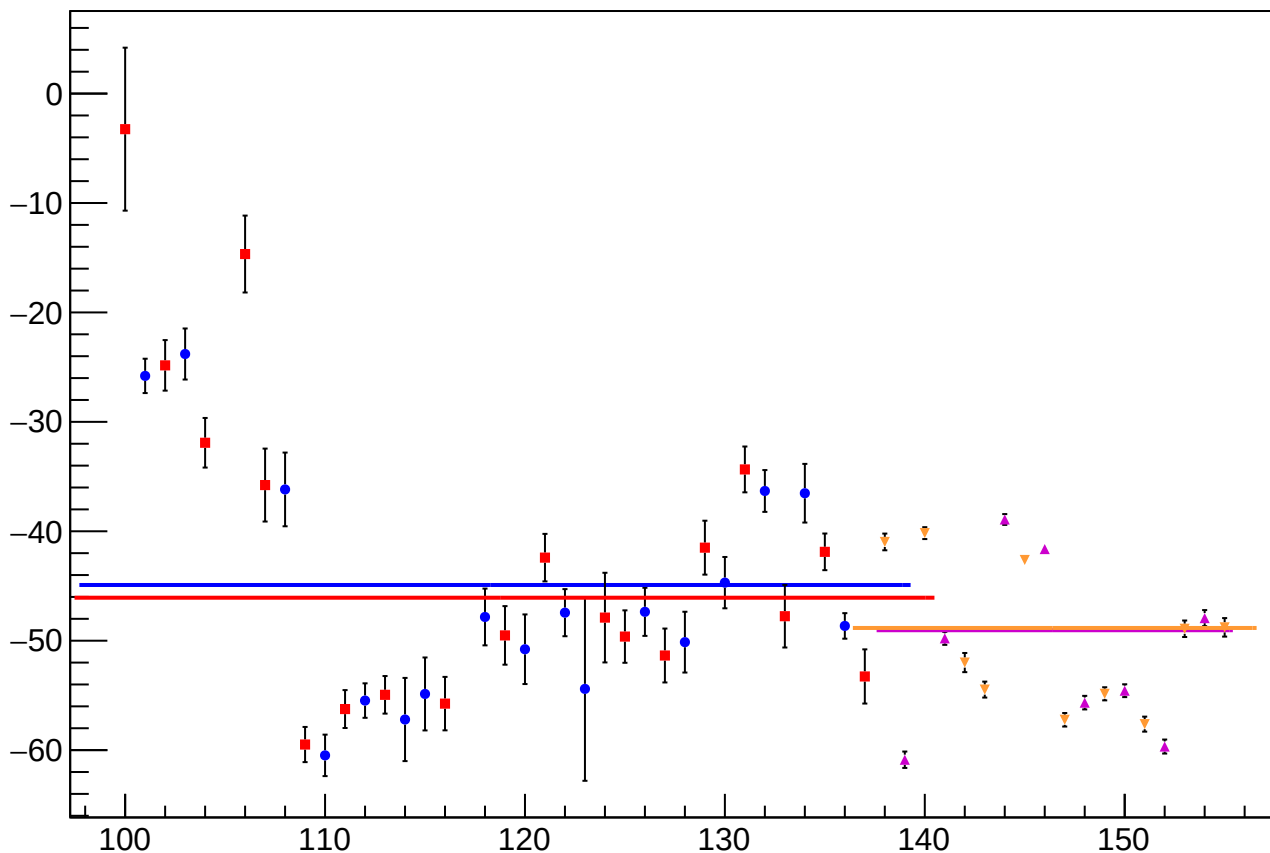
Right: -1.738 ± 0.209 χ^2/NDF : 571.5/35

In: -0.930 ± 0.126 χ^2/NDF : 596.7/24

Out: -0.318 ± 0.126 χ^2/NDF : 1093.5/28

All: -0.626 ± 0.089 χ^2/NDF : 1702.0/53

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

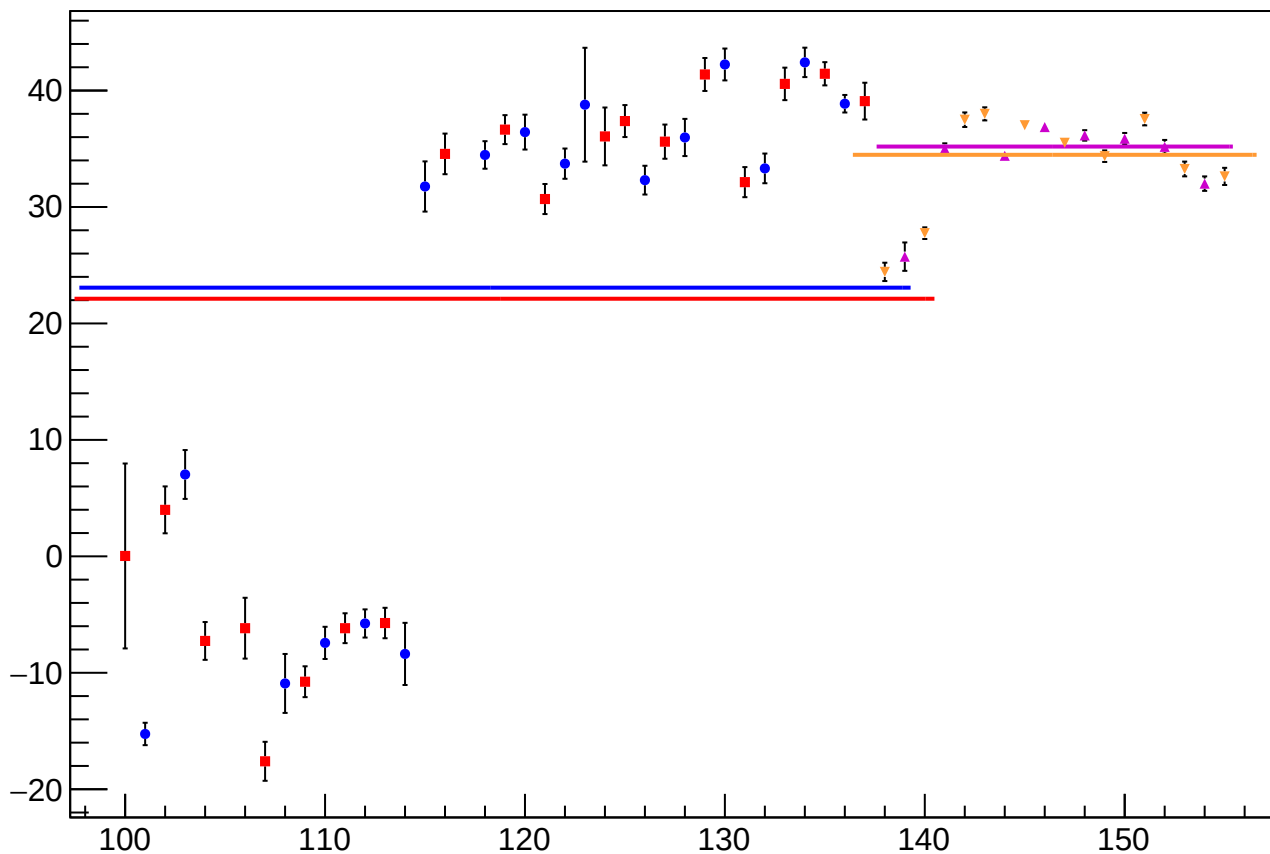


Right In: -44.908 ± 0.523 $\chi^2/\text{NDF}: 421.2/16$
 Left Out: -48.836 ± 0.205 $\chi^2/\text{NDF}: 1064.1/9$
 Right Out: -46.071 ± 0.528 $\chi^2/\text{NDF}: 454.0/18$
 Left In: -49.043 ± 0.205 $\chi^2/\text{NDF}: 1441.0/7$

Left: -48.940 ± 0.145 $\chi^2/\text{NDF}: 2505.5/17$
 Right: -45.483 ± 0.371 $\chi^2/\text{NDF}: 877.6/35$
 In: -48.491 ± 0.191 $\chi^2/\text{NDF}: 1916.4/24$
 Out: -48.473 ± 0.192 $\chi^2/\text{NDF}: 1541.9/28$

All: -48.482 ± 0.135 $\chi^2/\text{NDF}: 3458.3/53$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 34.481 $\pm$ 0.170 χ^2 /NDF:492.3/9

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

Left In: 35.190 $\pm$ 0.171 χ^2 /NDF:119.3/7

Left: 34.834 $\pm$ 0.121 χ^2 /NDF: 620.2/17

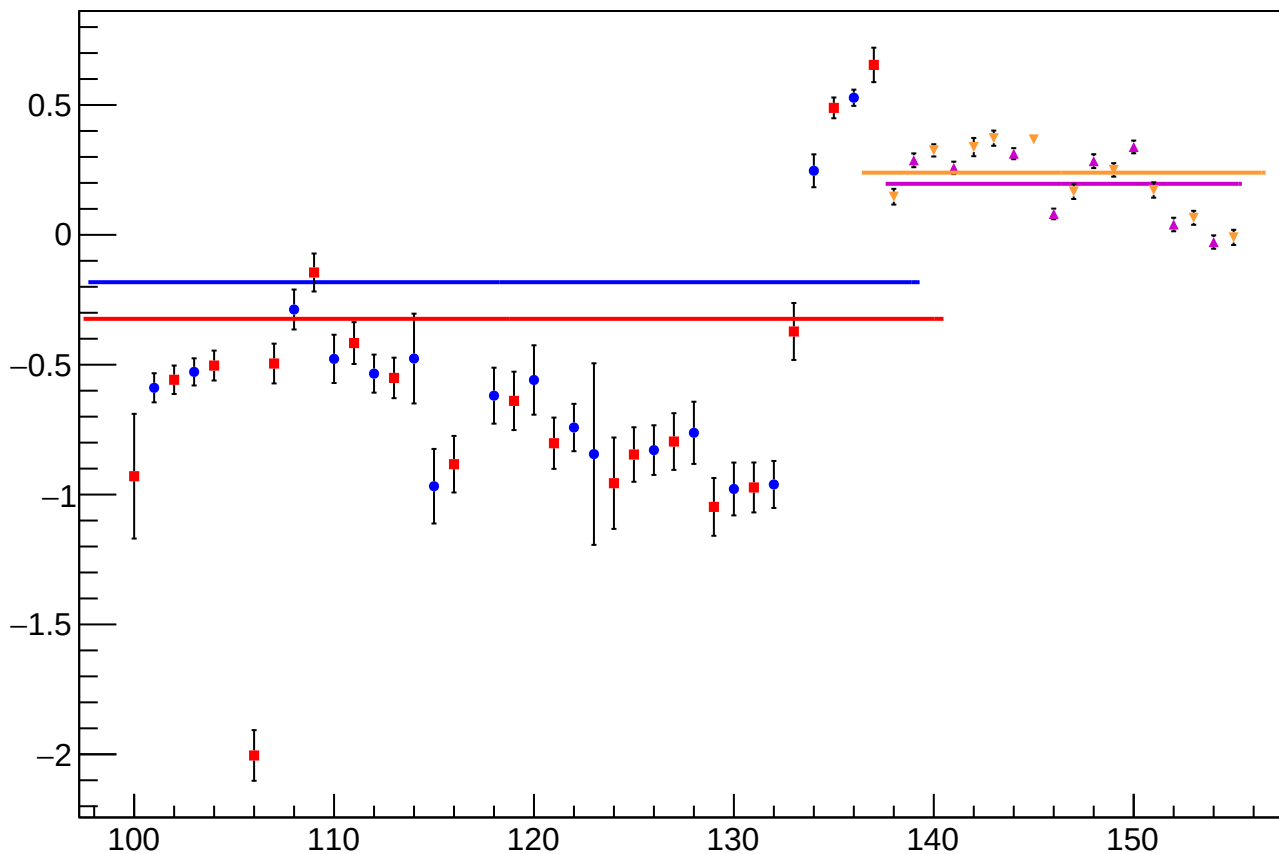
Right: 22.617 $\pm$ 0.235 χ^2 /NDF: 8384.4/35

In: 32.569 $\pm$ 0.152 χ^2 /NDF:5547.9/24

Out: 31.998 $\pm$ 0.152 χ^2 /NDF:5583.4/28

All: 32.285 $\pm$ 0.107 χ^2 /NDF: 11138.3/53

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: 0.240 ± 0.008 χ^2/NDF : 226.6/9

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

Left In: 0.197 ± 0.009 χ^2/NDF : 236.1/7

Left: 0.218 ± 0.006 χ^2/NDF : 475.6/17

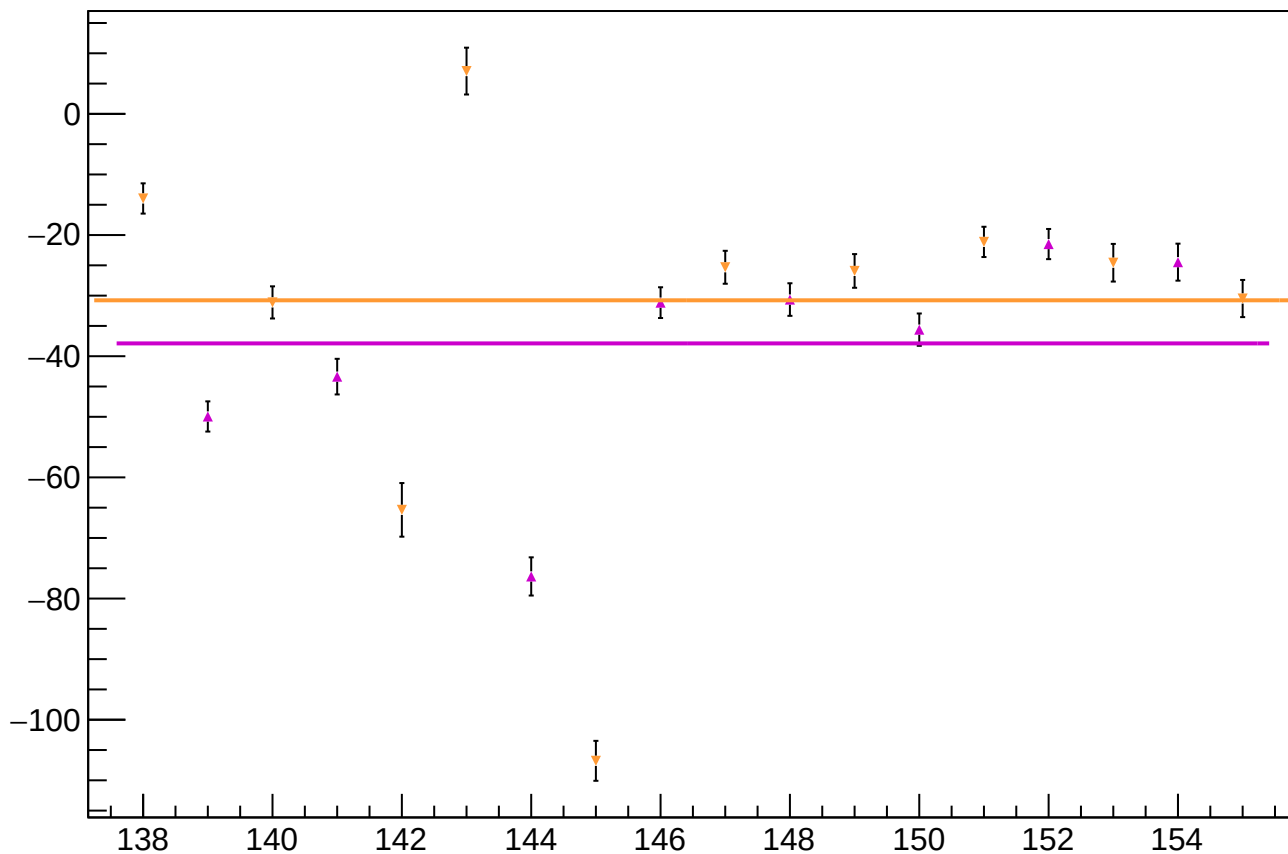
Right: -0.251 ± 0.013 χ^2/NDF : 2213.4/35

In: 0.125 ± 0.008 χ^2/NDF : 1605.2/24

Out: 0.141 ± 0.008 χ^2/NDF : 2203.1/28

All: 0.133 ± 0.005 χ^2/NDF : 3810.3/53

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -30.772+/-0.934 χ^2/NDF :759.9/9

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

Left In: -37.885+/-0.962 χ^2/NDF :253.3/7

Left: -34.221+/-0.670 χ^2/NDF : 1041.3/17

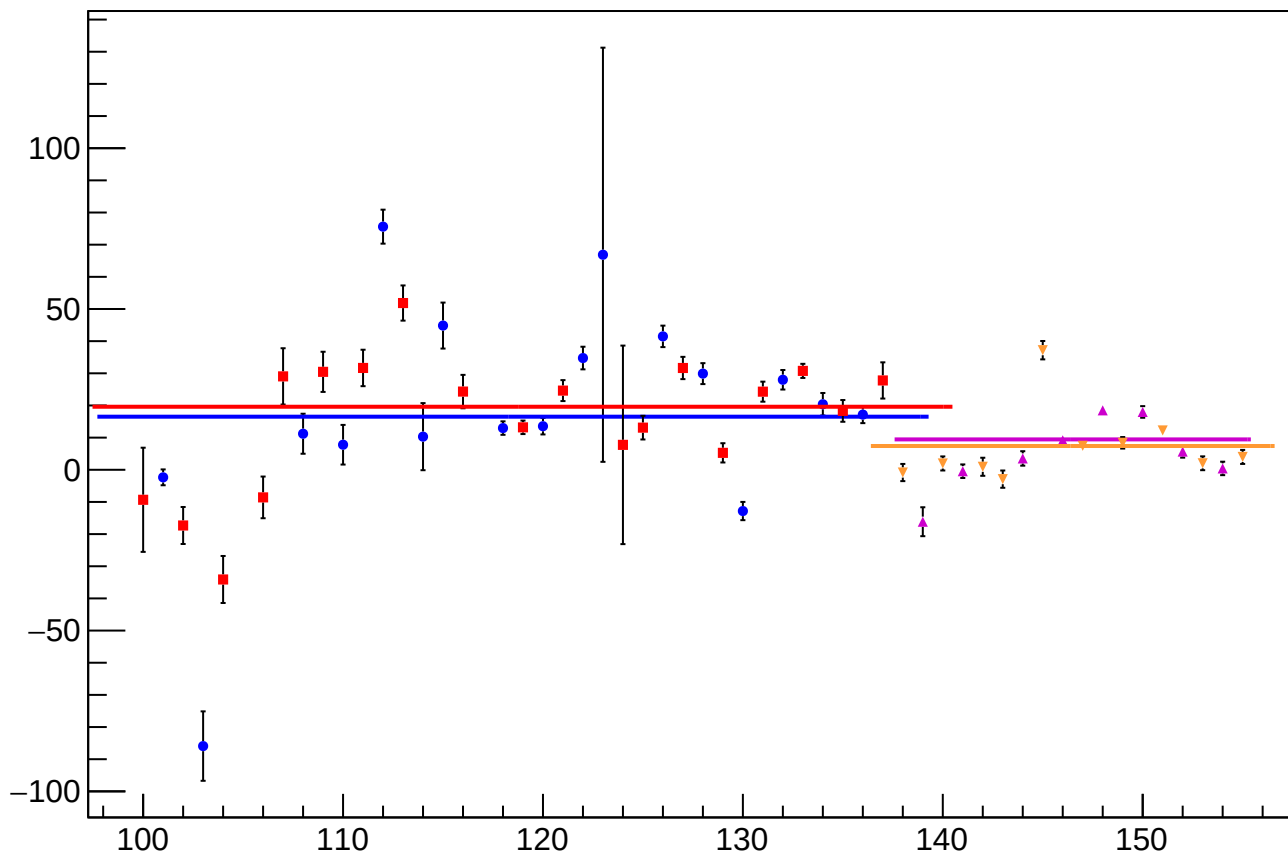
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.885+/-0.962 χ^2/NDF :253.3/7

Out: -30.772+/-0.934 χ^2/NDF :759.9/9

All: -34.221+/-0.670 χ^2/NDF : 1041.3/17

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512 ± 0.847 $\chi^2/\text{NDF}: 519.6/16$

Left Out: 7.394 ± 0.623 $\chi^2/\text{NDF}: 165.1/9$

Right Out: 19.604 ± 0.898 $\chi^2/\text{NDF}: 242.0/18$

Left In: 9.447 ± 0.655 $\chi^2/\text{NDF}: 154.2/7$

Left: 8.369 ± 0.451 $\chi^2/\text{NDF}: 324.4/17$

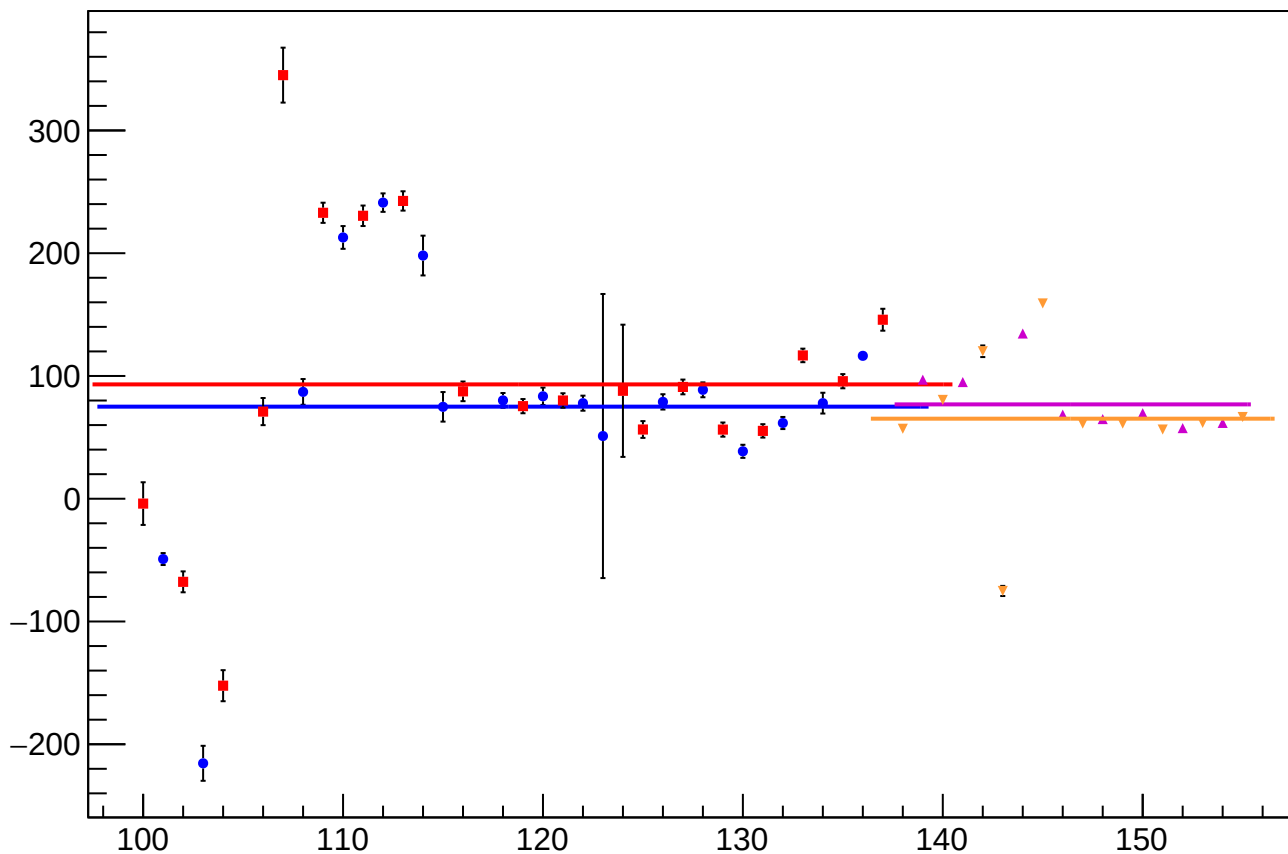
Right: 17.968 ± 0.616 $\chi^2/\text{NDF}: 767.9/35$

In: 12.090 ± 0.518 $\chi^2/\text{NDF}: 717.3/24$

Out: 11.360 ± 0.512 $\chi^2/\text{NDF}: 531.7/28$

All: 11.721 ± 0.364 $\chi^2/\text{NDF}: 1250.1/53$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 65.210 $\pm$ 0.924 χ^2 /NDF:2102.0/9

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

Left In: 76.857 $\pm$ 0.947 χ^2 /NDF:519.0/7

Left: 70.893 $\pm$ 0.662 χ^2 /NDF: 2698.5/17

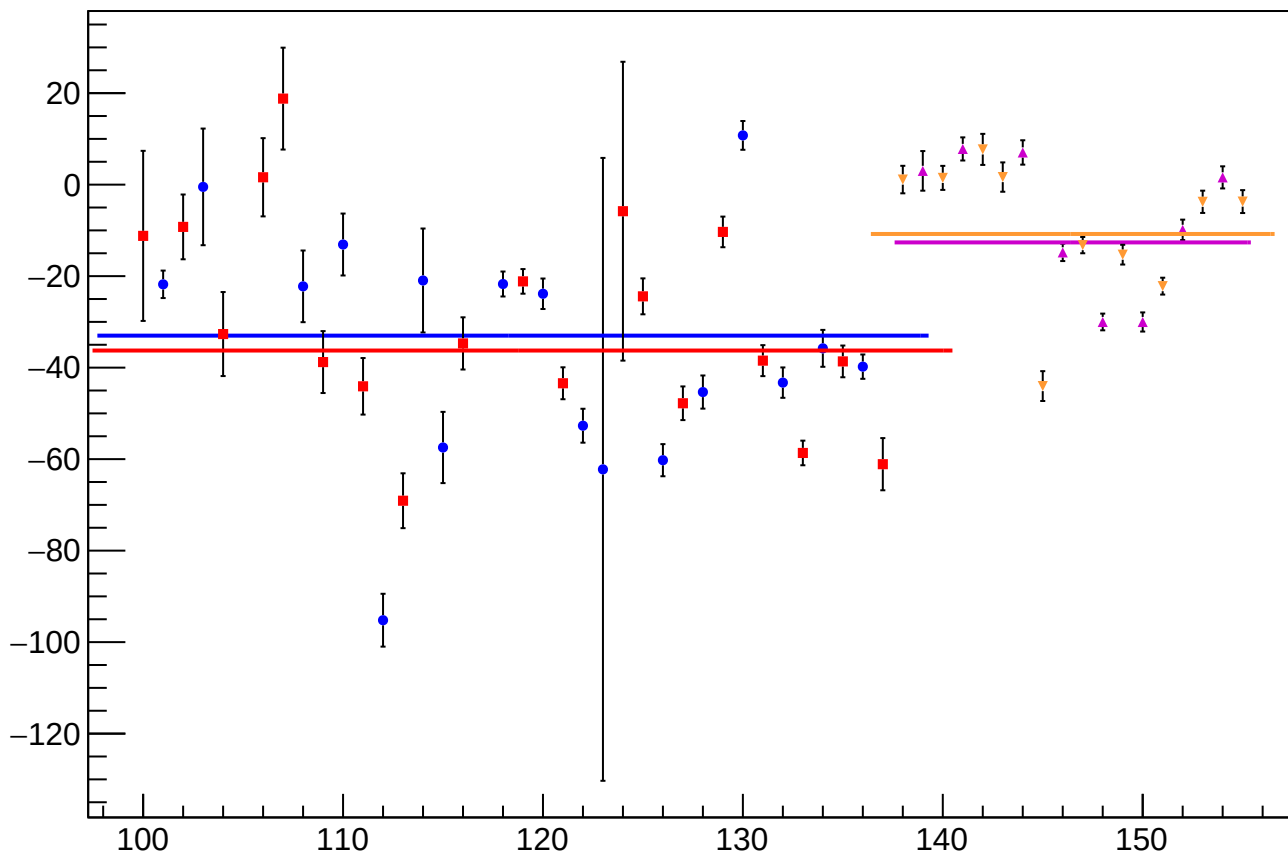
Right: 83.668 $\pm$ 1.183 χ^2 /NDF: 4060.3/35

In: 76.393 $\pm$ 0.820 χ^2 /NDF:2519.3/24

Out: 71.520 $\pm$ 0.813 χ^2 /NDF:4310.5/28

All: 73.938 $\pm$ 0.577 χ^2 /NDF: 6847.7/53

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 $\chi^2/\text{NDF}: 493.1/16$

Left Out: -10.784 ± 0.770 $\chi^2/\text{NDF}: 247.0/9$

Right Out: -36.260 ± 1.025 $\chi^2/\text{NDF}: 297.1/18$

Left In: -12.628 ± 0.809 $\chi^2/\text{NDF}: 329.9/7$

Left: -11.660 ± 0.558 $\chi^2/\text{NDF}: 579.6/17$

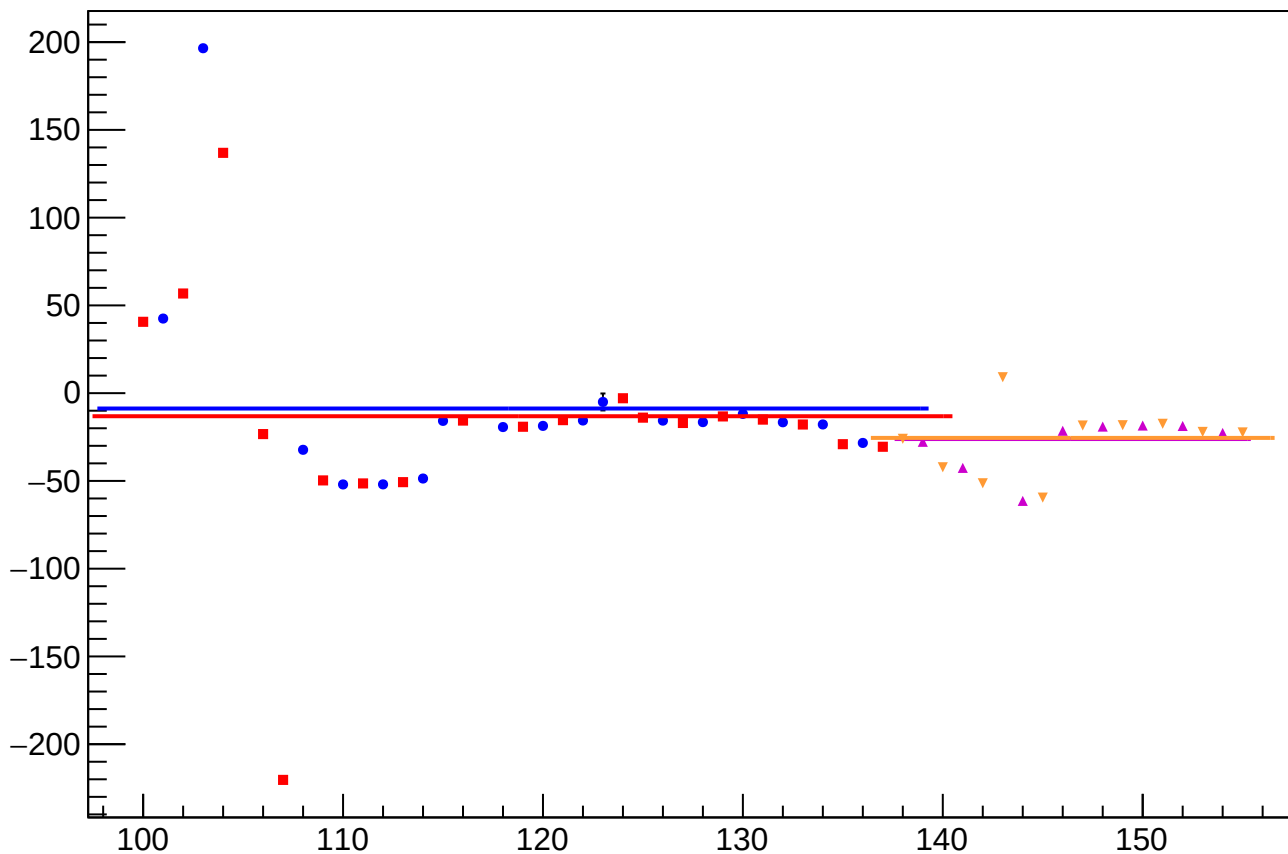
Right: -34.545 ± 0.705 $\chi^2/\text{NDF}: 795.4/35$

In: -20.968 ± 0.622 $\chi^2/\text{NDF}: 1082.8/24$

Out: -19.969 ± 0.616 $\chi^2/\text{NDF}: 938.9/28$

All: -20.464 ± 0.437 $\chi^2/\text{NDF}: 2022.9/53$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -25.493 ± 0.037 $\chi^2/\text{NDF}: 160000.5/9$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

Left In: -26.138 ± 0.038 $\chi^2/\text{NDF}: 92730.6/7$

Left: -25.808 ± 0.027 $\chi^2/\text{NDF}: 252876.1/17$

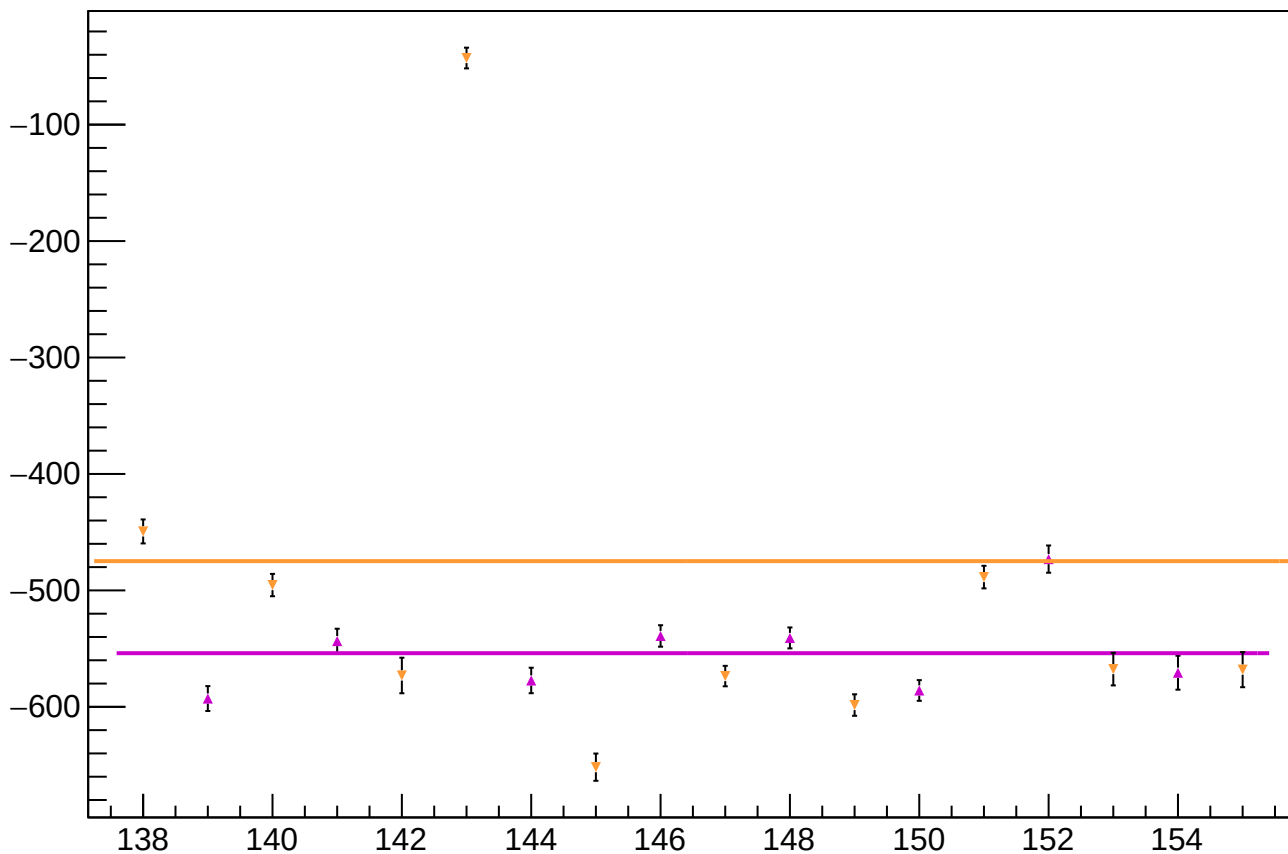
Right: -10.840 ± 0.043 $\chi^2/\text{NDF}: 1137294.9/35$

In: -20.964 ± 0.032 $\chi^2/\text{NDF}: 730149.2/24$

Out: -22.176 ± 0.032 $\chi^2/\text{NDF}: 747904.8/28$

All: -21.572 ± 0.023 $\chi^2/\text{NDF}: 1478769.4/53$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -474.854+/-3.345 χ^2/NDF :3027.5/9

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

Left In: -553.920+/-3.655 χ^2/NDF :85.6/7

Left: -510.890+/-2.468 χ^2/NDF : 3367.7/17

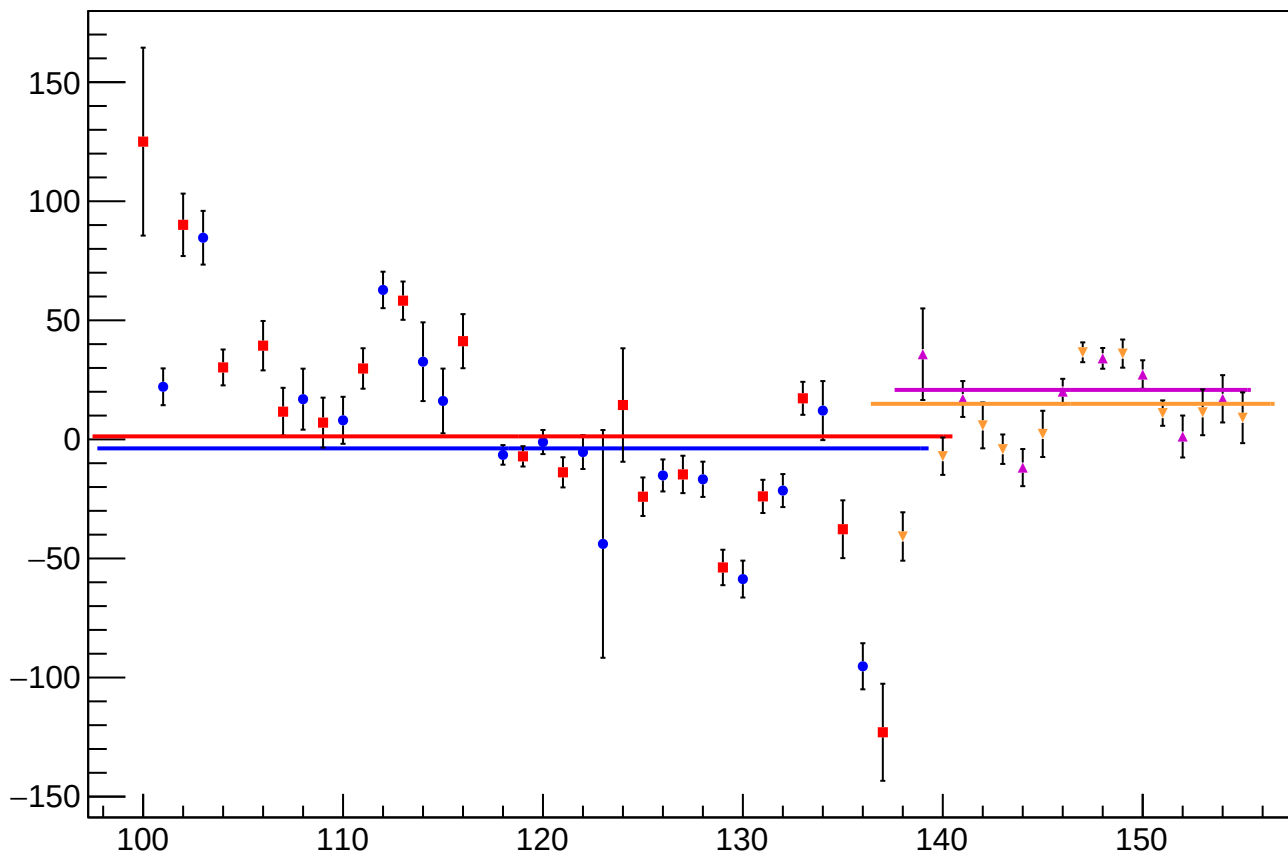
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -553.920+/-3.655 χ^2/NDF :85.6/7

Out: -474.854+/-3.345 χ^2/NDF :3027.5/9

All: -510.890+/-2.468 χ^2/NDF : 3367.7/17

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: 14.936 ± 2.159 χ^2/NDF : 90.7/9

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

Left In: 20.780 ± 2.389 χ^2/NDF : 33.9/7

Left: 17.563 ± 1.602 χ^2/NDF : 127.8/17

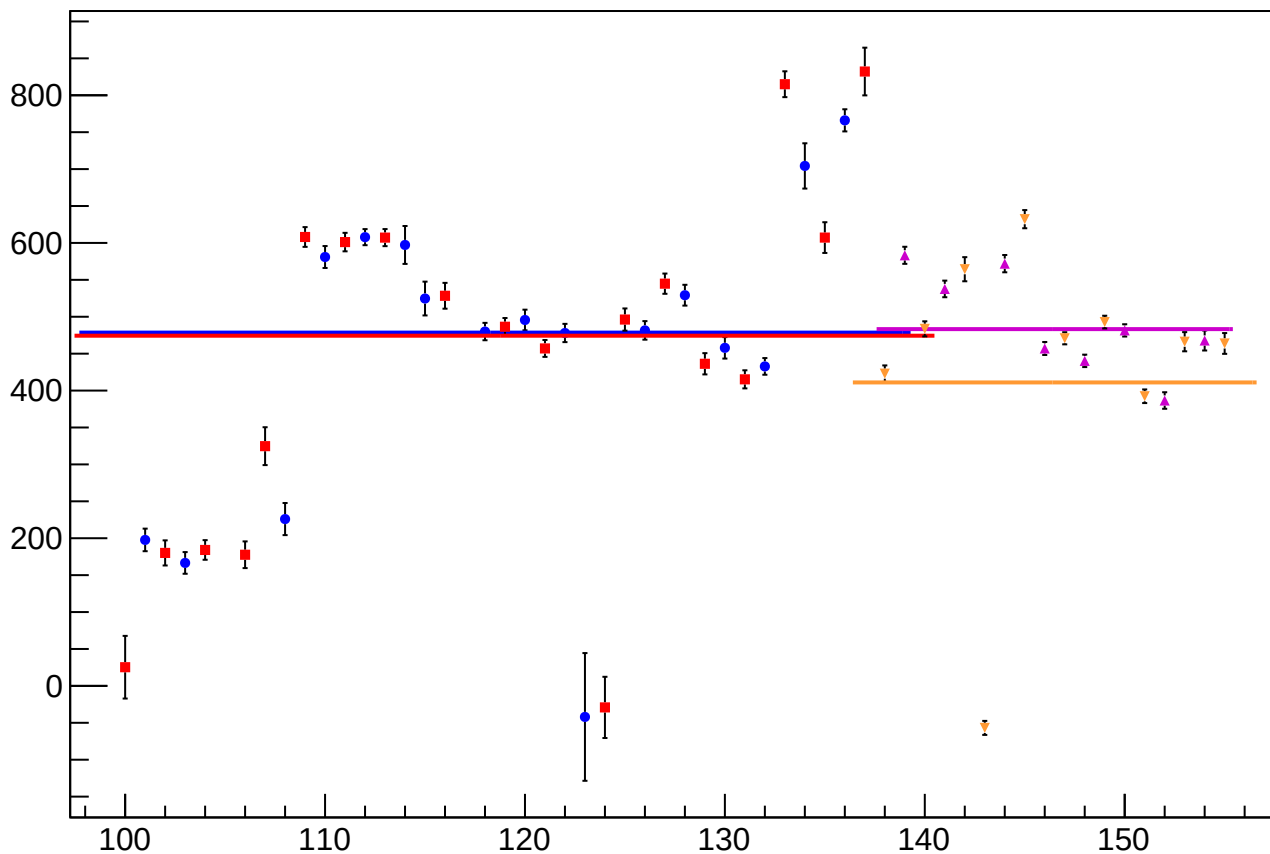
Right: -1.296 ± 1.346 χ^2/NDF : 621.6/35

In: 5.668 ± 1.482 χ^2/NDF : 413.2/24

Out: 7.303 ± 1.435 χ^2/NDF : 416.8/28

All: 6.512 ± 1.031 χ^2/NDF : 830.6/53

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF : 1629.0/16

Left Out: 411.028+/-3.333 χ^2/NDF : 3068.1/9

Right Out: 474.328+/-3.533 χ^2/NDF : 2287.1/18

Left In: 483.255+/-3.592 χ^2/NDF : 266.3/7

Left: 444.441+/-2.443 χ^2/NDF : 3551.7/17

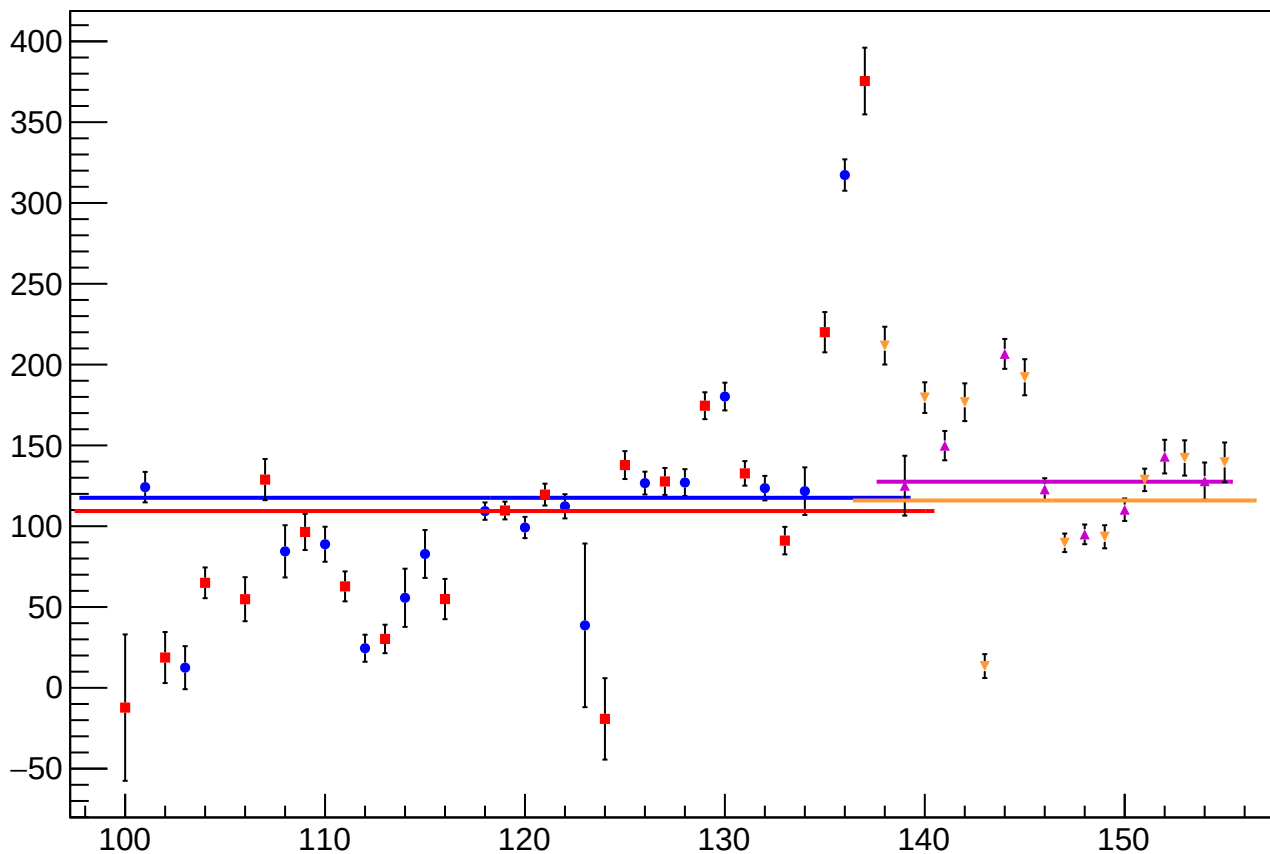
Right: 476.370+/-2.532 χ^2/NDF : 3916.8/35

In: 480.916+/-2.553 χ^2/NDF : 1896.1/24

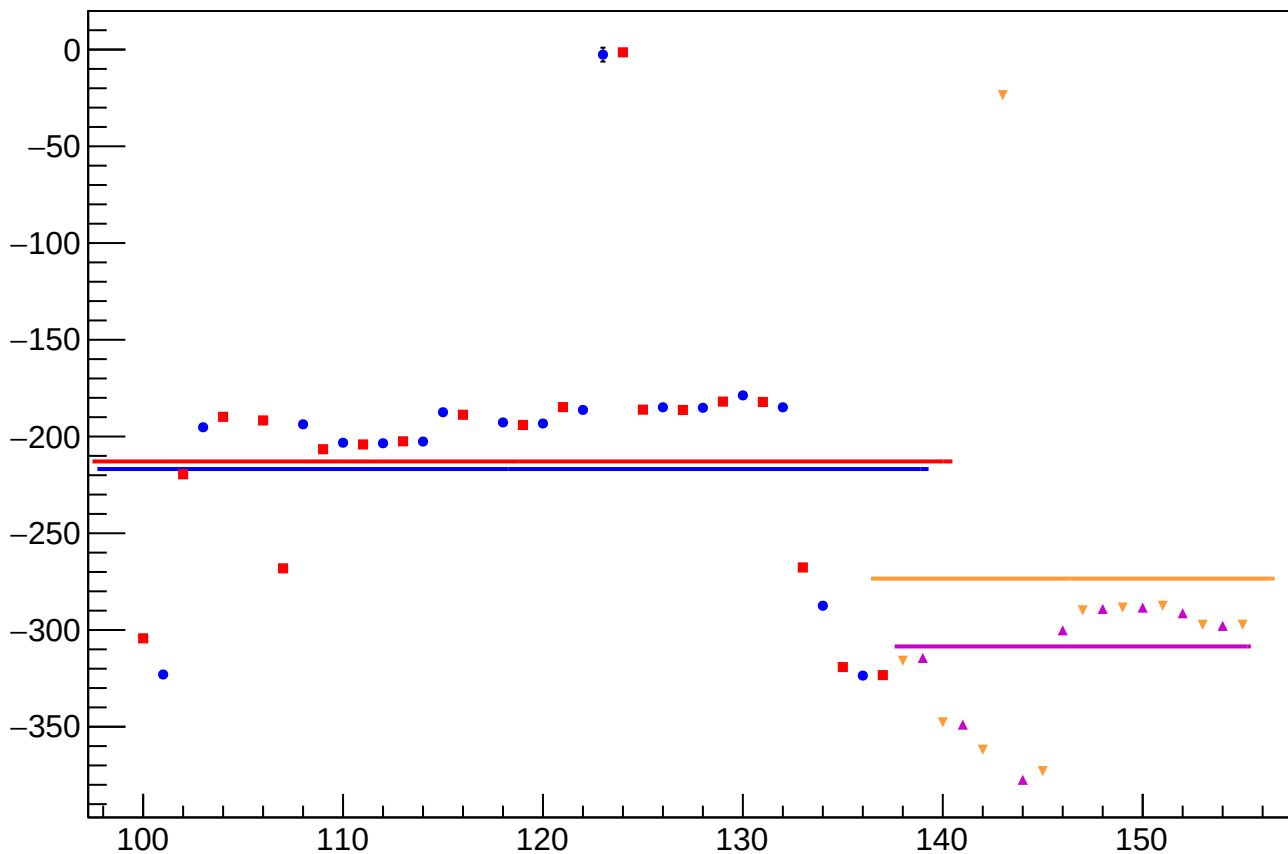
Out: 440.835+/-2.424 χ^2/NDF : 5525.1/28

All: 459.837+/-1.758 χ^2/NDF : 7550.9/53

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -273.424+/-0.138 χ^2/NDF : 538702.4/9

Right Out: -212.869+/-0.130 χ^2/NDF : 116393.6/18

Left In: -308.498+/-0.148 χ^2/NDF : 34678.5/7

Left: -289.765+/-0.101 χ^2/NDF : 603437.2/17

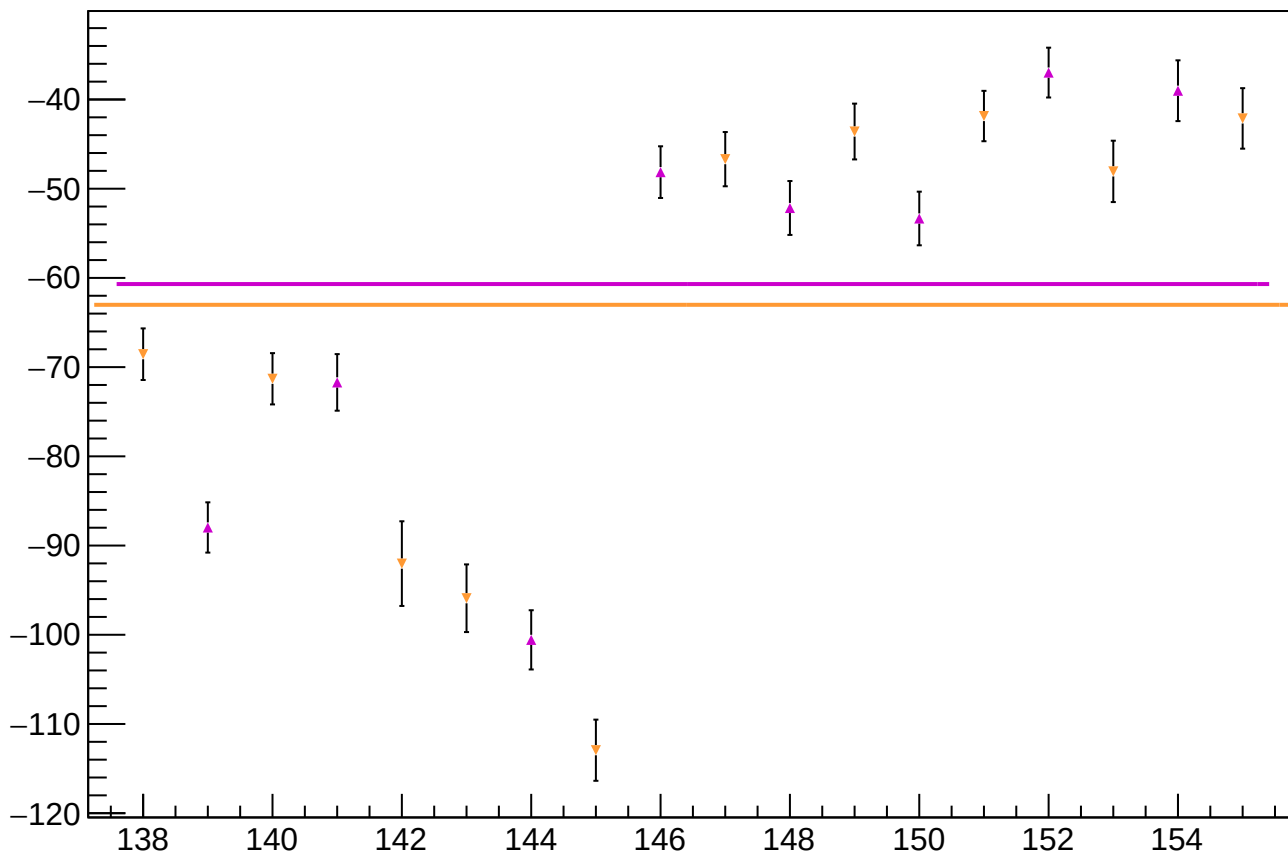
Right: -214.751+/-0.094 χ^2/NDF : 263806.1/35

In: -258.708+/-0.100 χ^2/NDF : 390522.0/24

Out: -241.355+/-0.095 χ^2/NDF : 756927.7/28

All: -249.565+/-0.069 χ^2/NDF : 1163330.2/53

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -63.014+/-1.028 χ^2/NDF : 517.1/9

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

Left In: -60.689+/-1.072 χ^2/NDF : 395.4/7

Left: -61.901+/-0.742 χ^2/NDF : 914.9/17

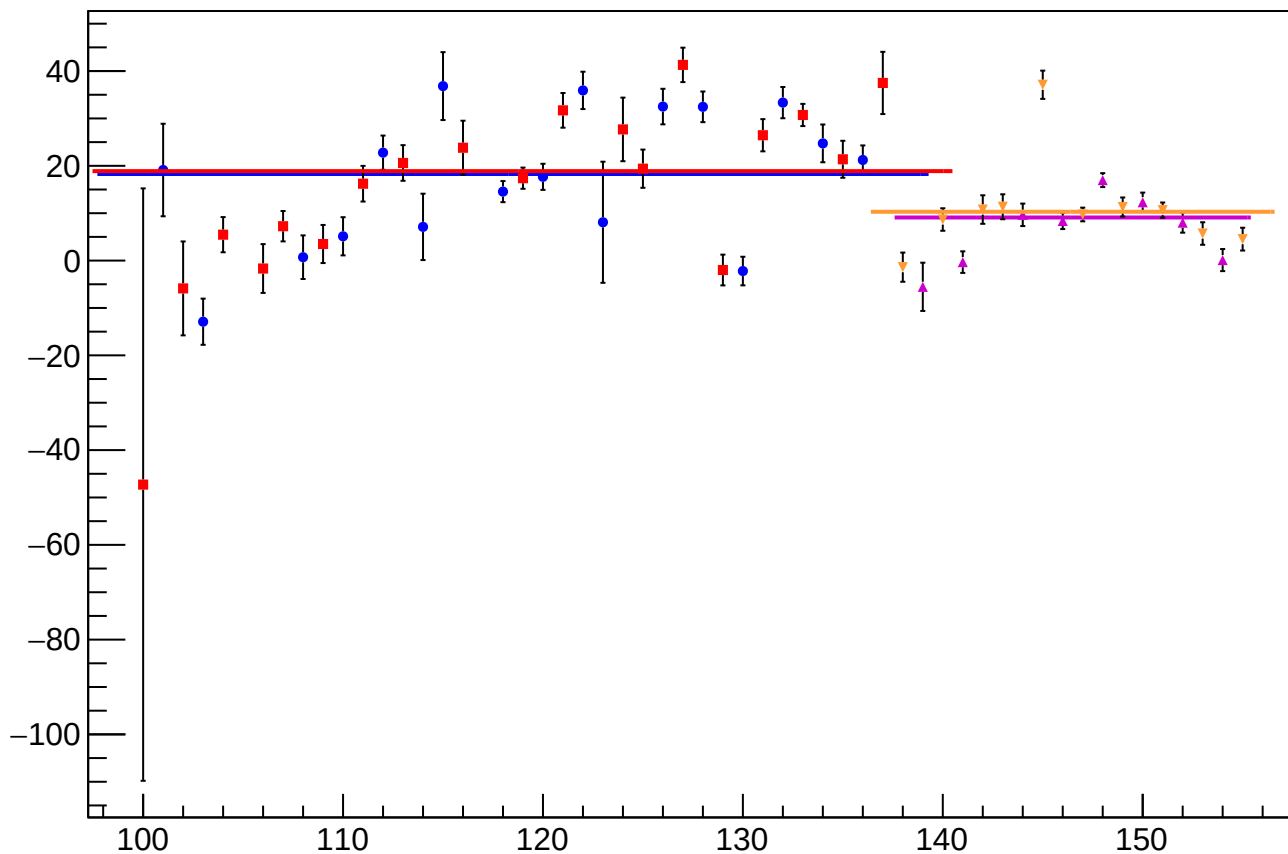
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.689+/-1.072 χ^2/NDF : 395.4/7

Out: -63.014+/-1.028 χ^2/NDF : 517.1/9

All: -61.901+/-0.742 χ^2/NDF : 914.9/17

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 10.300 ± 0.687 χ^2/NDF : 105.9/9

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

Left In: 9.093 ± 0.732 χ^2/NDF : 72.1/7

Left: 9.735 ± 0.501 χ^2/NDF : 179.4/17

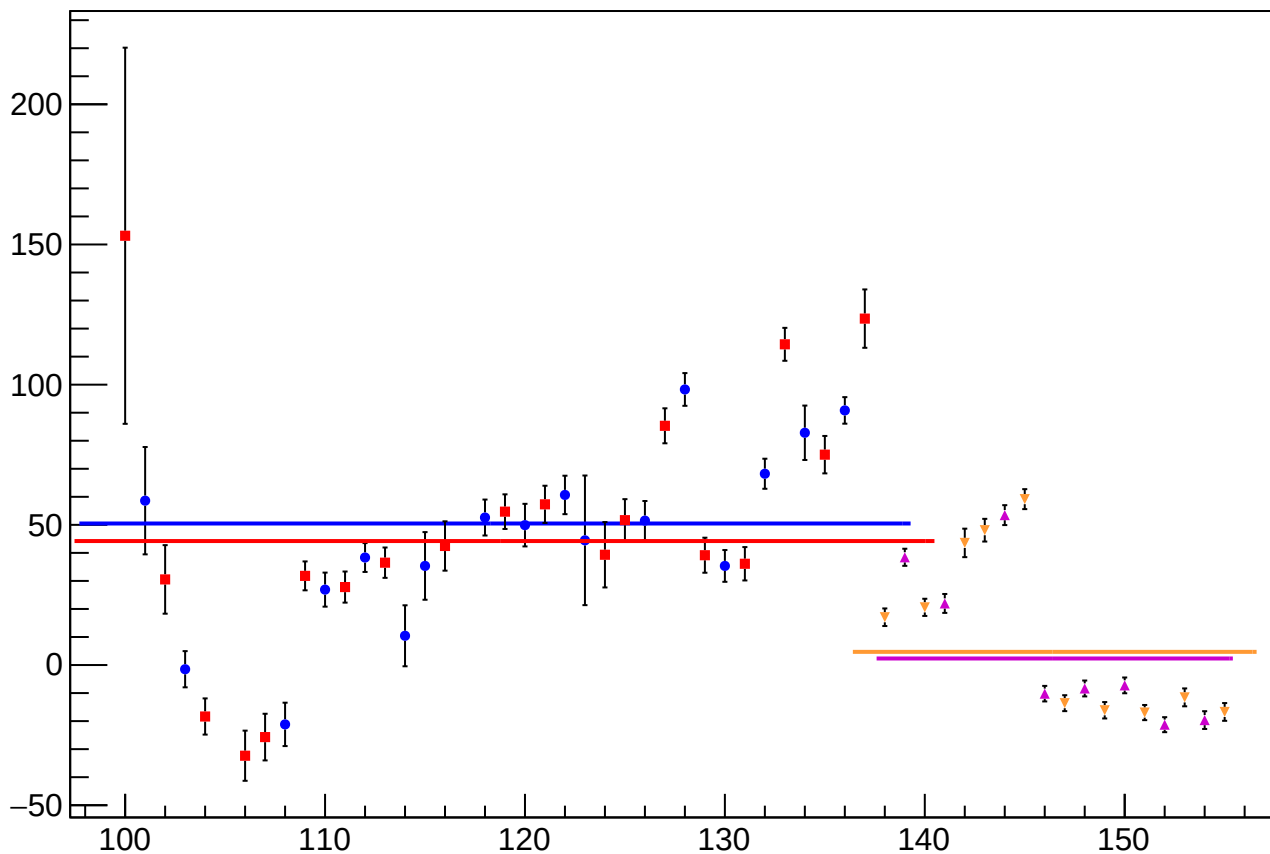
Right: 18.595 ± 0.625 χ^2/NDF : 403.2/35

In: 12.726 ± 0.569 χ^2/NDF : 338.9/24

Out: 13.625 ± 0.538 χ^2/NDF : 364.7/28

All: 13.201 ± 0.391 χ^2/NDF : 704.9/53

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482 ± 1.668 $\chi^2/\text{NDF}: 357.9/16$

Left Out: 4.700 ± 1.019 $\chi^2/\text{NDF}: 678.0/9$

Right Out: 44.222 ± 1.602 $\chi^2/\text{NDF}: 534.4/18$

Left In: 2.331 ± 1.057 $\chi^2/\text{NDF}: 553.7/7$

Left: 3.559 ± 0.734 $\chi^2/\text{NDF}: 1234.4/17$

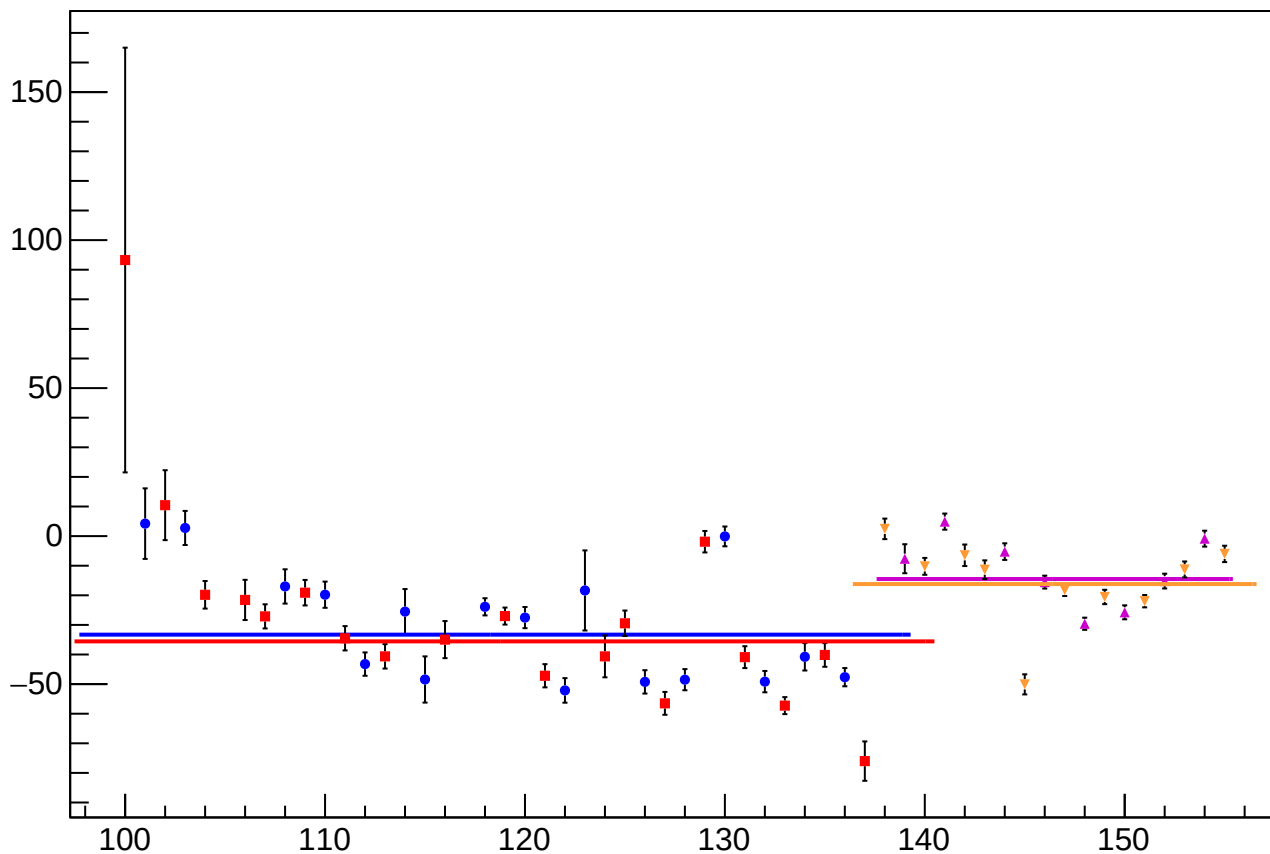
Right: 47.226 ± 1.156 $\chi^2/\text{NDF}: 899.6/35$

In: 16.123 ± 0.893 $\chi^2/\text{NDF}: 1506.3/24$

Out: 16.082 ± 0.860 $\chi^2/\text{NDF}: 1645.5/28$

All: 16.102 ± 0.619 $\chi^2/\text{NDF}: 3151.8/53$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 $\chi^2/\text{NDF}: 289.1/16$

Left Out: -16.202 ± 0.848 $\chi^2/\text{NDF}: 171.2/9$

Right Out: -35.566 ± 0.992 $\chi^2/\text{NDF}: 287.6/18$

Left In: -14.486 ± 0.902 $\chi^2/\text{NDF}: 166.2/7$

Left: -15.397 ± 0.618 $\chi^2/\text{NDF}: 339.3/17$

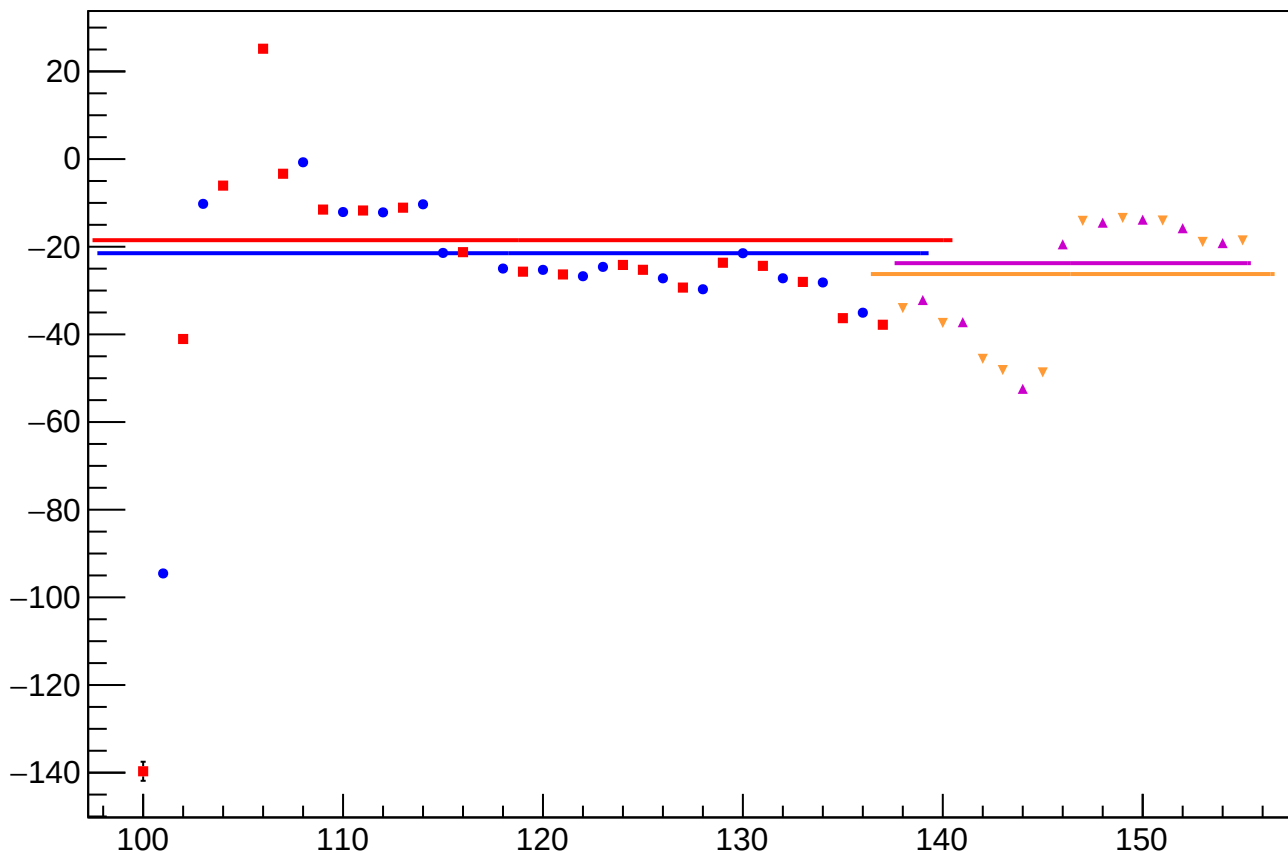
Right: -34.474 ± 0.716 $\chi^2/\text{NDF}: 579.3/35$

In: -22.626 ± 0.680 $\chi^2/\text{NDF}: 643.2/24$

Out: -24.376 ± 0.645 $\chi^2/\text{NDF}: 678.8/28$

All: -23.547 ± 0.468 $\chi^2/\text{NDF}: 1325.6/53$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 $\pm$ 0.059 χ^2 /NDF: 49009.8/16

Left Out: -26.231 $\pm$ 0.041 χ^2 /NDF: 102361.7/9

Right Out: -18.506 $\pm$ 0.057 χ^2 /NDF: 80734.5/18

Left In: -23.749 $\pm$ 0.043 χ^2 /NDF: 71066.3/7

Left: -25.034 $\pm$ 0.030 χ^2 /NDF: 175176.2/17

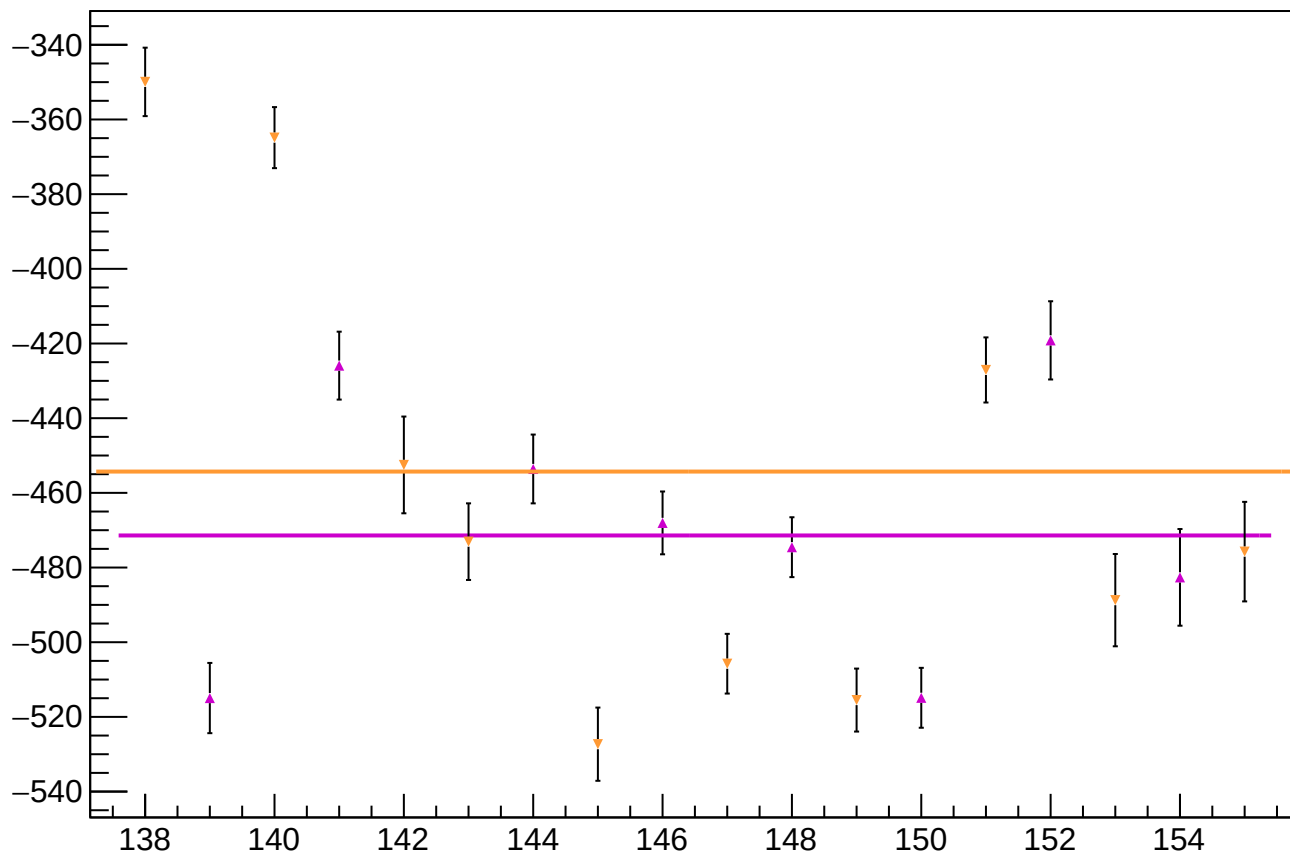
Right: -19.957 $\pm$ 0.041 χ^2 /NDF: 131054.3/35

In: -22.962 $\pm$ 0.035 χ^2 /NDF: 121056.5/24

Out: -23.600 $\pm$ 0.033 χ^2 /NDF: 195061.0/28

All: -23.291 $\pm$ 0.024 χ^2 /NDF: 316293.9/53

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -454.295+/-3.046 χ^2/NDF :422.3/9

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

Left In: -471.410+/-3.236 χ^2/NDF :105.5/7

Left: -462.335+/-2.218 χ^2/NDF : 542.6/17

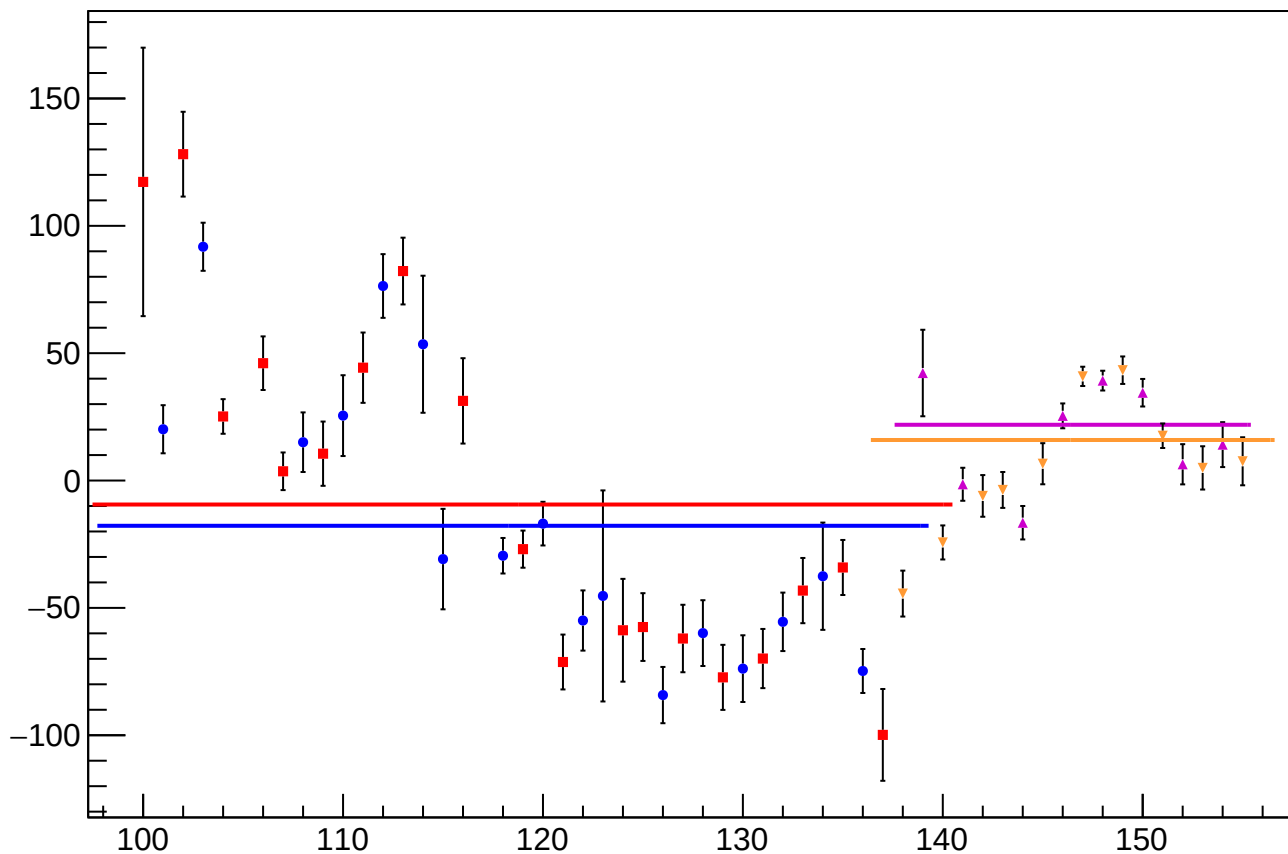
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -471.410+/-3.236 χ^2/NDF :105.5/7

Out: -454.295+/-3.046 χ^2/NDF :422.3/9

All: -462.335+/-2.218 χ^2/NDF : 542.6/17

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 $\chi^2/\text{NDF}: 363.9/16$

Left Out: 15.917 ± 1.971 $\chi^2/\text{NDF}: 169.1/9$

Right Out: -9.417 ± 2.613 $\chi^2/\text{NDF}: 369.6/18$

Left In: 21.894 ± 2.123 $\chi^2/\text{NDF}: 79.2/7$

Left: 18.684 ± 1.444 $\chi^2/\text{NDF}: 252.6/17$

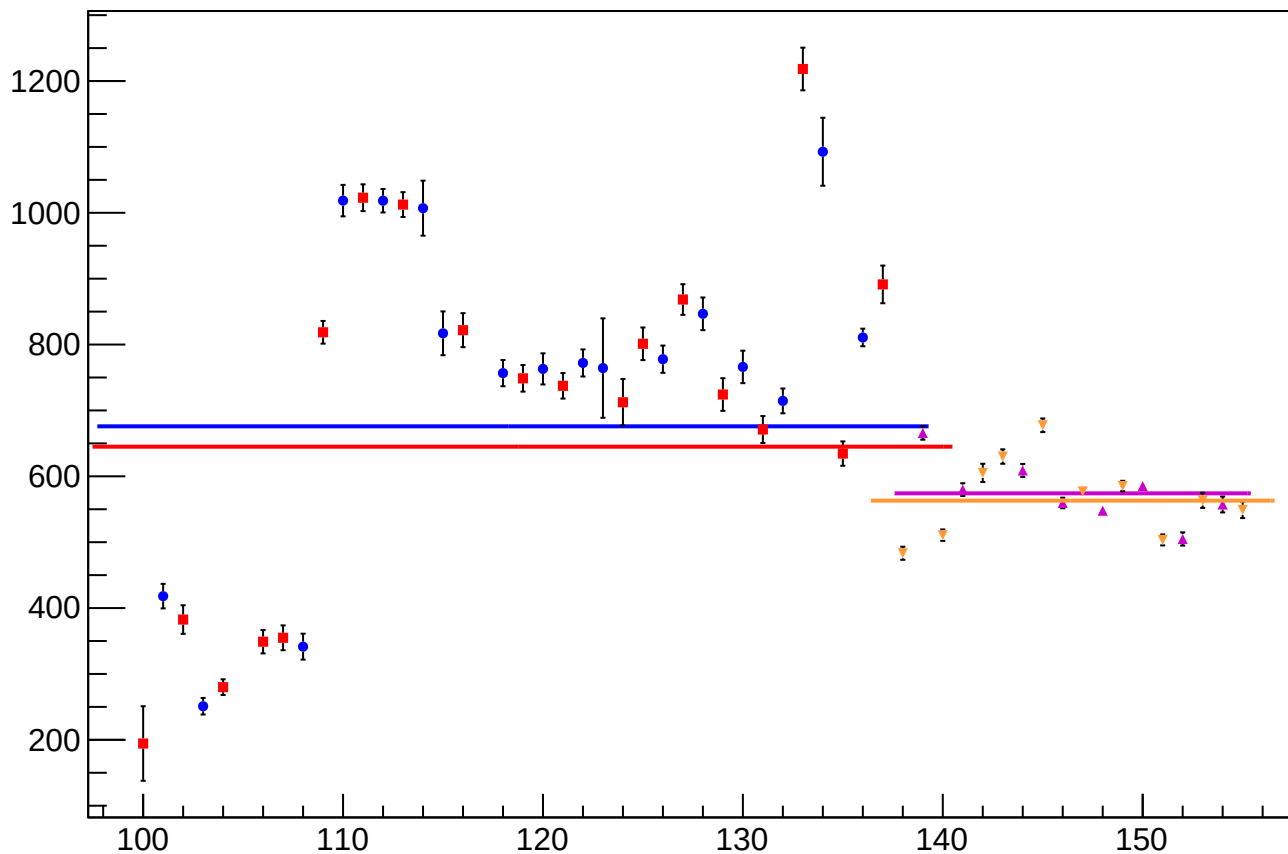
Right: -13.331 ± 1.905 $\chi^2/\text{NDF}: 738.2/35$

In: 7.295 ± 1.688 $\chi^2/\text{NDF}: 571.5/24$

Out: 6.732 ± 1.574 $\chi^2/\text{NDF}: 598.6/28$

All: 6.994 ± 1.151 $\chi^2/\text{NDF}: 1170.2/53$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871 ± 5.037 $\chi^2/\text{NDF}: 2586.4/16$

Left Out: 563.089 ± 3.032 $\chi^2/\text{NDF}: 334.0/9$

Right Out: 645.014 ± 4.761 $\chi^2/\text{NDF}: 3123.3/18$

Left In: 574.149 ± 3.187 $\chi^2/\text{NDF}: 161.3/7$

Left: 568.343 ± 2.197 $\chi^2/\text{NDF}: 501.6/17$

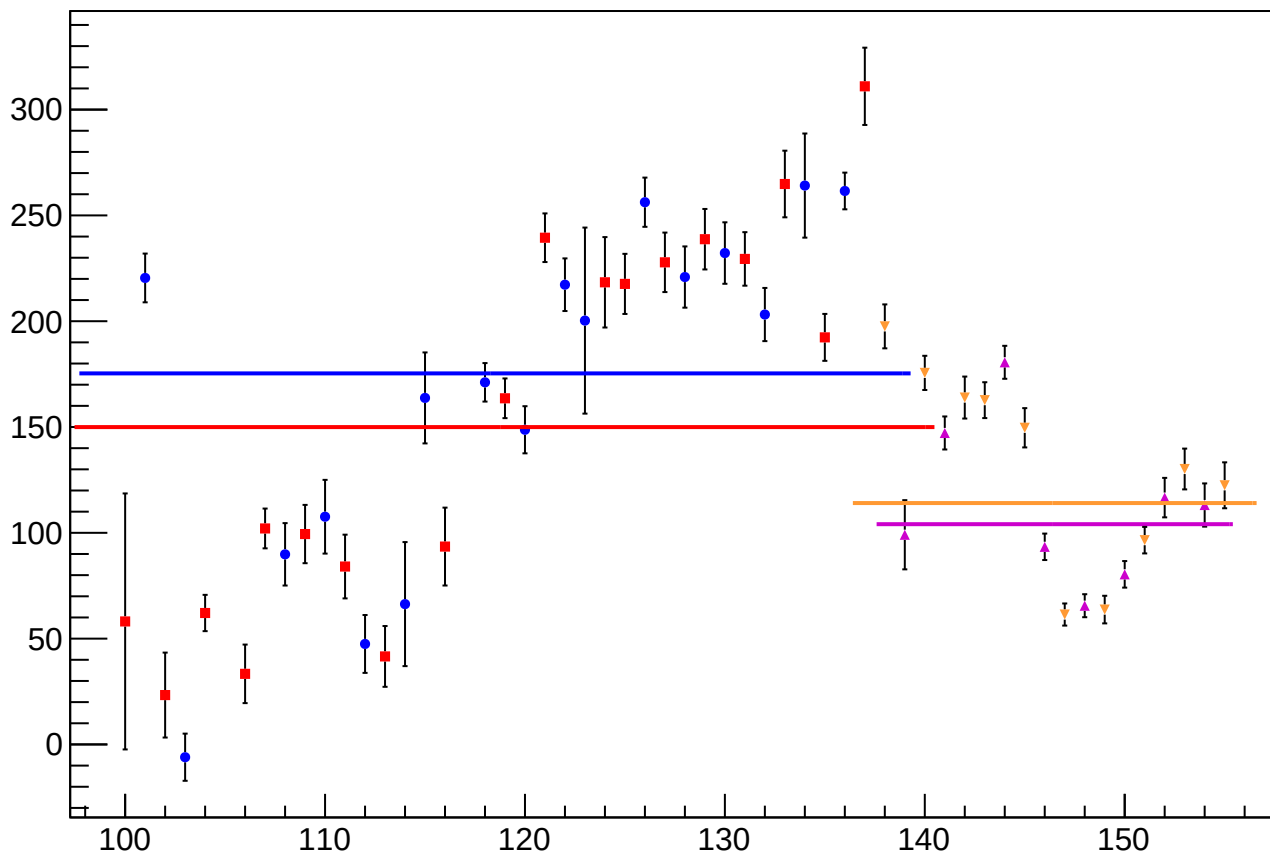
Right: 659.573 ± 3.460 $\chi^2/\text{NDF}: 5729.5/35$

In: 603.234 ± 2.693 $\chi^2/\text{NDF}: 3038.9/24$

Out: 586.726 ± 2.557 $\chi^2/\text{NDF}: 3667.9/28$

All: 594.552 ± 1.855 $\chi^2/\text{NDF}: 6726.6/53$

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 114.068 $\pm$ 2.461 χ^2 /NDF:367.9/9

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

Left In: 104.086 $\pm$ 2.648 χ^2 /NDF:197.1/7

Left: 109.442 $\pm$ 1.803 χ^2 /NDF: 572.6/17

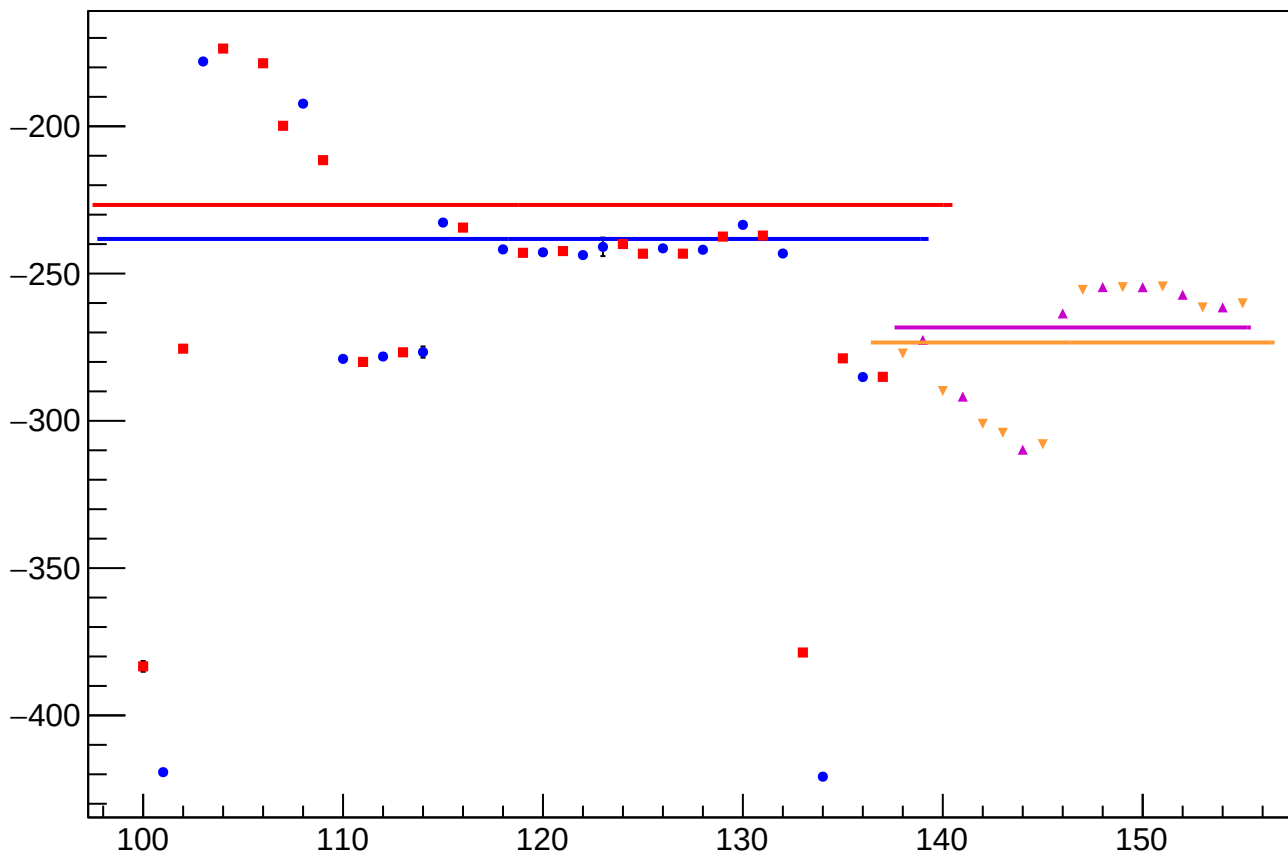
Right: 162.013 $\pm$ 2.207 χ^2 /NDF: 1364.6/35

In: 133.017 $\pm$ 2.041 χ^2 /NDF:1129.5/24

Out: 128.250 $\pm$ 1.914 χ^2 /NDF:1145.1/28

All: 130.480 $\pm$ 1.396 χ^2 /NDF: 2277.6/53

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -273.401+/-0.126 χ^2/NDF : 26590.7/9

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

Left In: -268.297+/-0.131 χ^2/NDF : 17866.0/7

Left: -270.956+/-0.091 χ^2/NDF : 45246.2/17

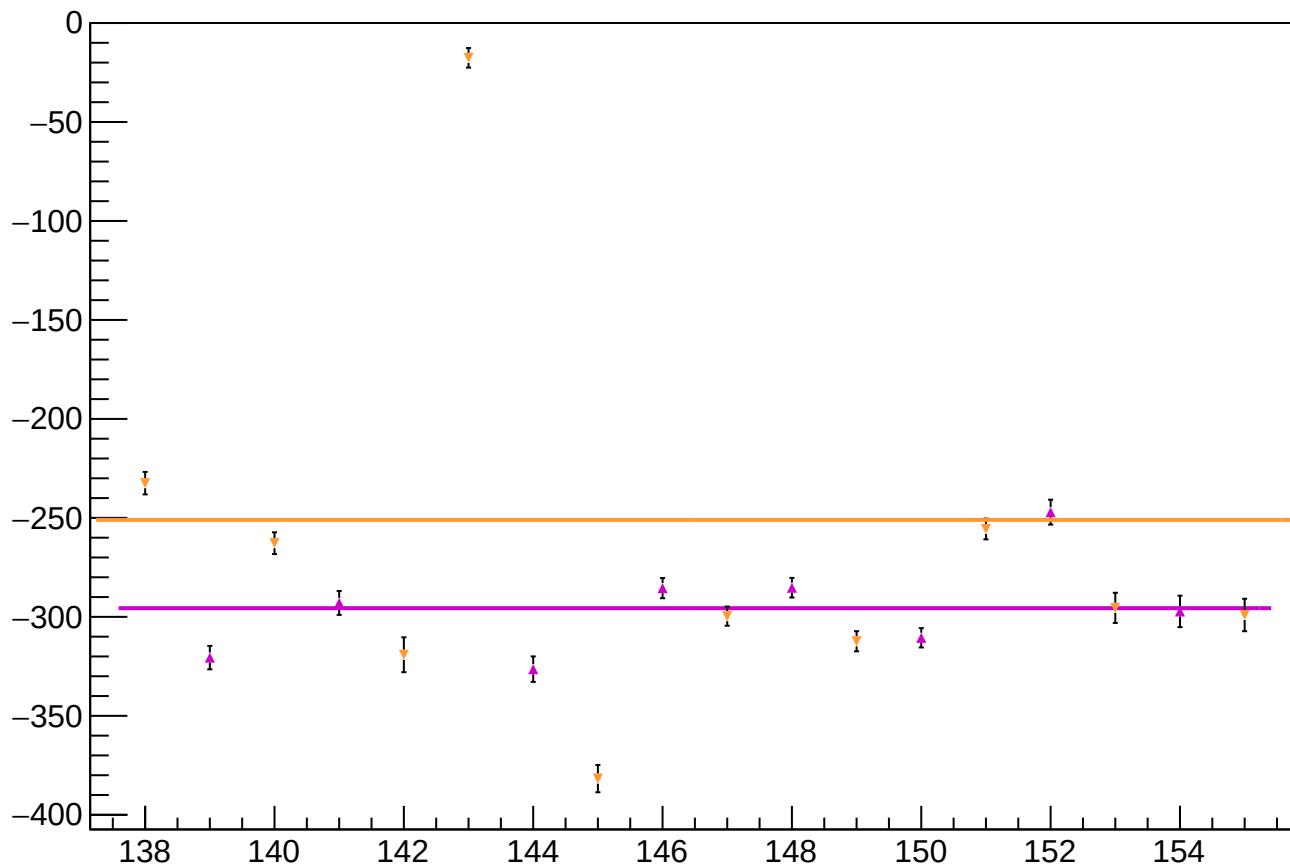
Right: -232.150+/-0.110 χ^2/NDF : 272709.4/35

In: -256.218+/-0.101 χ^2/NDF : 206105.5/24

Out: -254.300+/-0.097 χ^2/NDF : 185857.3/28

All: -255.213+/-0.070 χ^2/NDF : 392150.5/53

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -251.019+/-1.861 χ^2/NDF :2977.2/9

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

Left In: -295.612+/-2.029 χ^2/NDF :118.2/7

Left: -271.393+/-1.372 χ^2/NDF : 3357.7/17

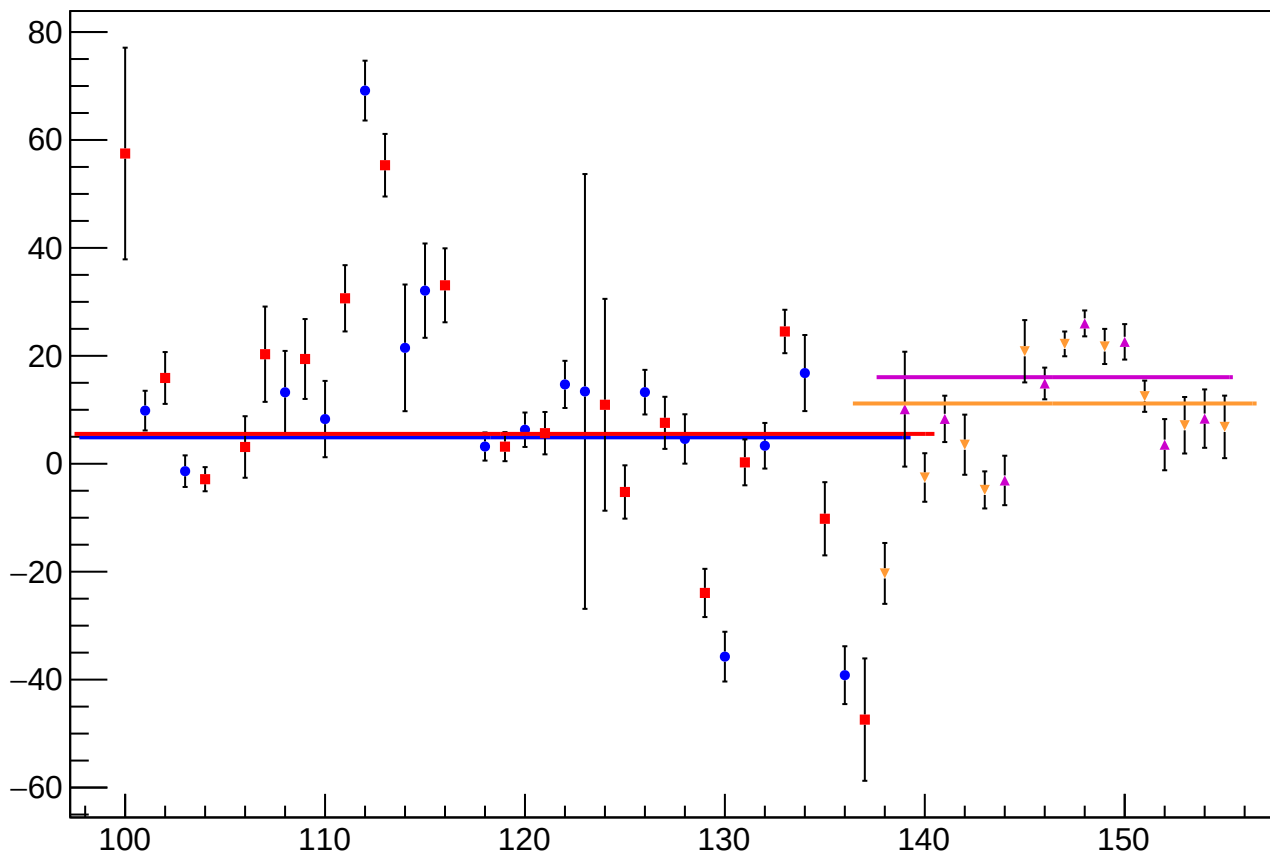
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -295.612+/-2.029 χ^2/NDF :118.2/7

Out: -251.019+/-1.861 χ^2/NDF :2977.2/9

All: -271.393+/-1.372 χ^2/NDF : 3357.7/17

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: 11.168 ± 1.197 χ^2/NDF : 101.9/9

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

Left In: 16.044 ± 1.323 χ^2/NDF : 51.3/7

Left: 13.364 ± 0.888 χ^2/NDF : 160.7/17

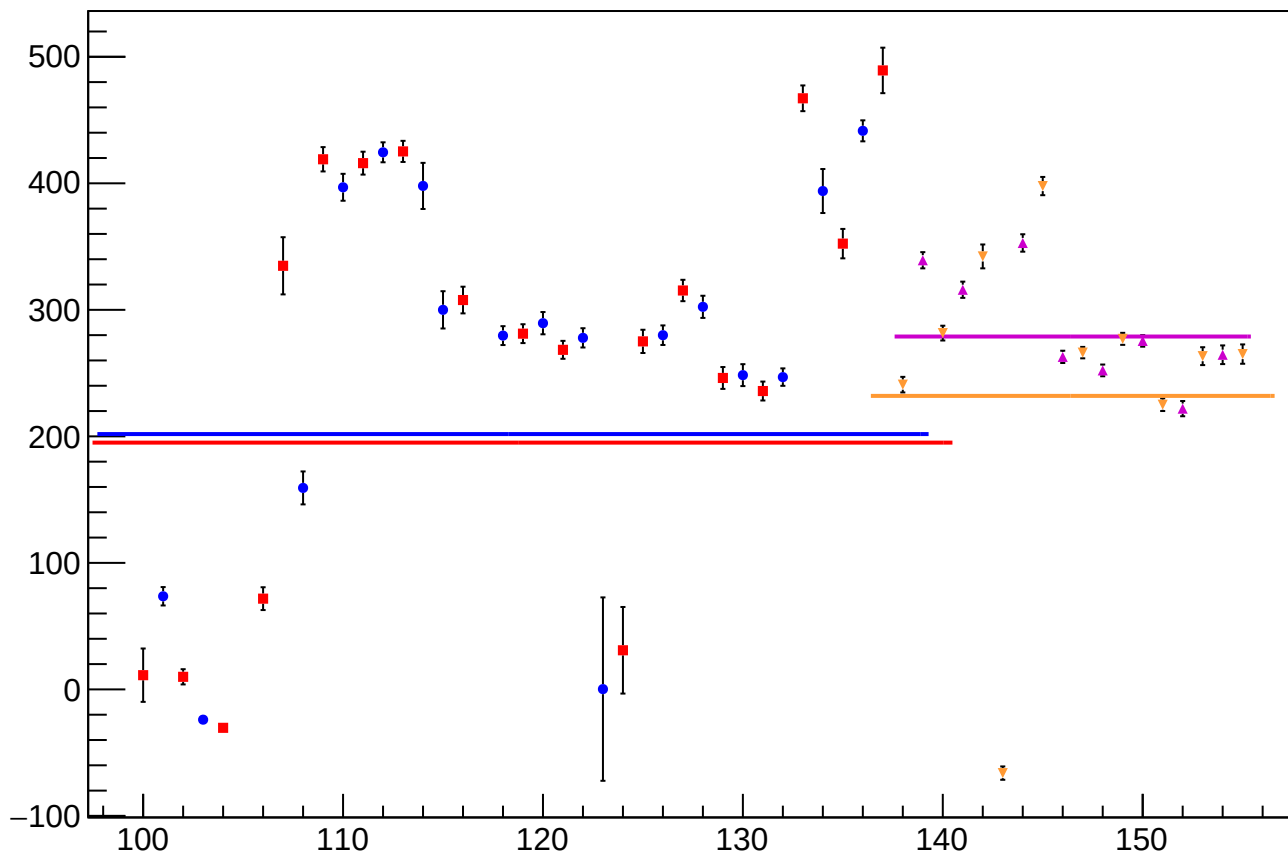
Right: 5.220 ± 0.764 χ^2/NDF : 551.3/35

In: 9.399 ± 0.841 χ^2/NDF : 405.6/24

Out: 8.039 ± 0.798 χ^2/NDF : 353.3/28

All: 8.684 ± 0.579 χ^2/NDF : 760.3/53

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 231.985 $\pm$ 1.850 χ^2 /NDF:4113.6/9

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

Left In: 278.910 $\pm$ 1.990 χ^2 /NDF:375.2/7

Left: 253.745 $\pm$ 1.355 χ^2 /NDF: 4787.0/17

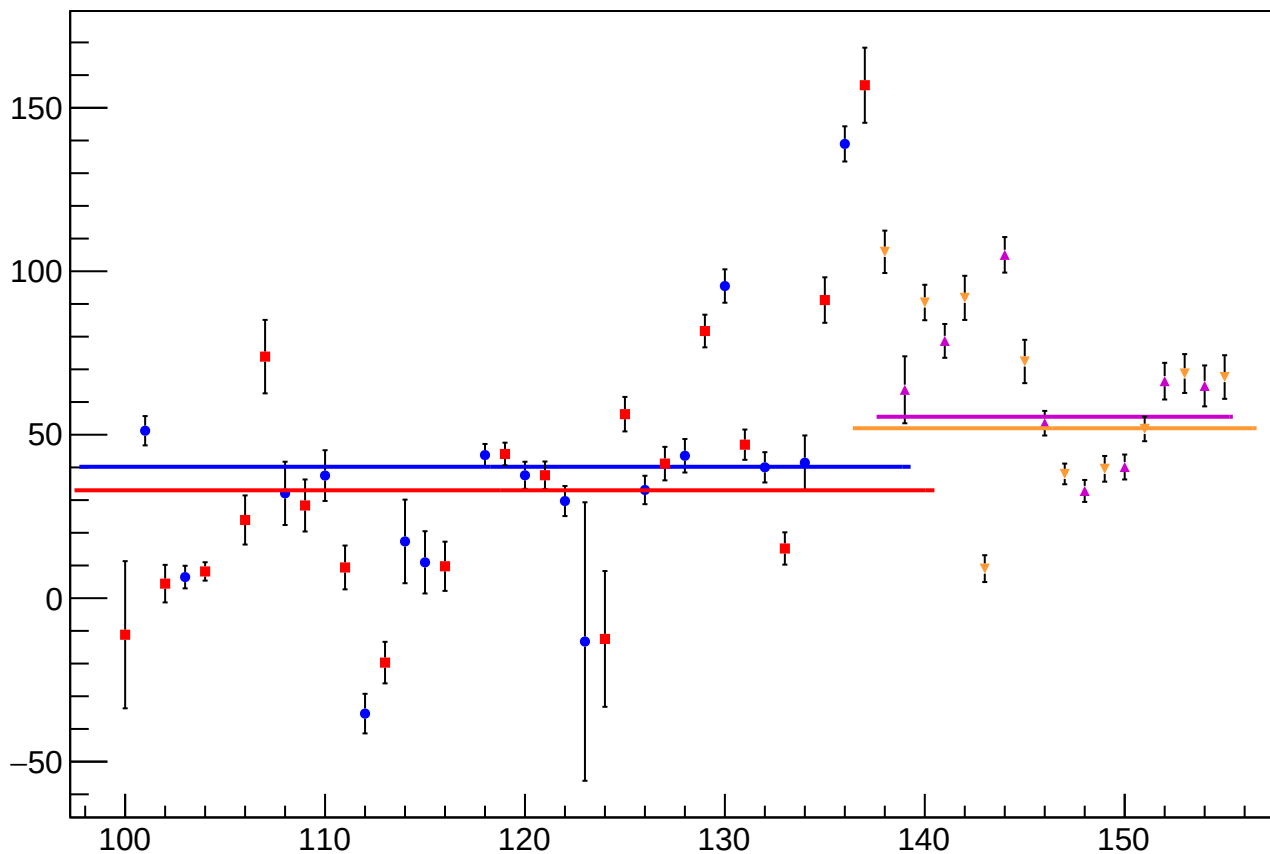
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 239.983 $\pm$ 1.400 χ^2 /NDF:7887.5/24

Out: 214.244 $\pm$ 1.334 χ^2 /NDF:12562.1/28

All: 226.490 $\pm$ 0.966 χ^2 /NDF: 20626.7/53

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 51.985 $\pm$ 1.495 χ^2 /NDF:316.1/9

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

Left In: 55.496 $\pm$ 1.653 χ^2 /NDF:171.9/7

Left: 53.565 $\pm$ 1.109 χ^2 /NDF: 490.5/17

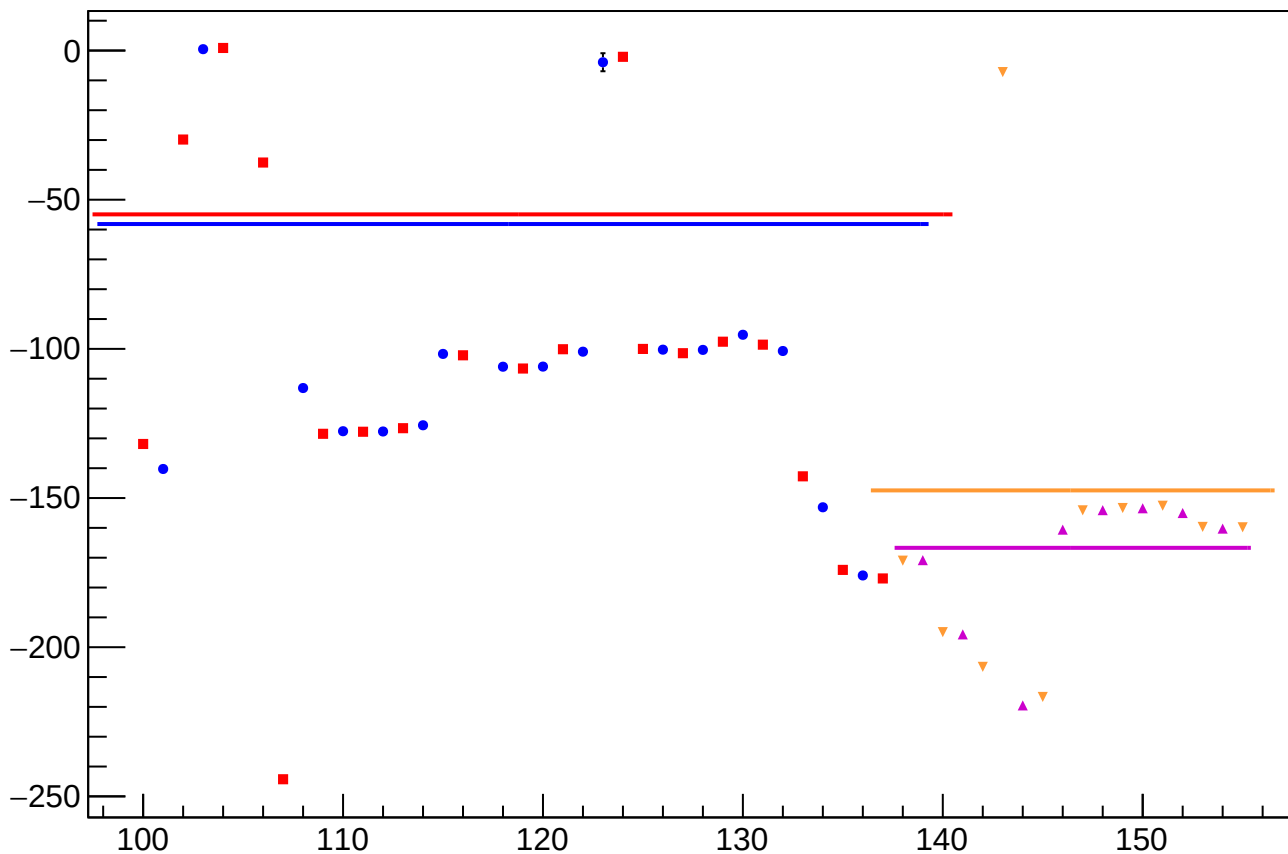
Right: 36.555 $\pm$ 0.891 χ^2 /NDF: 1305.3/35

In: 45.861 $\pm$ 1.006 χ^2 /NDF:960.8/24

Out: 40.828 $\pm$ 0.960 χ^2 /NDF:964.9/28

All: 43.228 $\pm$ 0.695 χ^2 /NDF: 1938.8/53

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: -147.439+/-0.077 χ^2/NDF : 574778.4/9

Right Out: -54.914+/-0.060 χ^2/NDF : 1003885.5/18

Left In: -166.690+/-0.082 χ^2/NDF : 55874.2/7

Left: -156.433+/-0.056 χ^2/NDF : 660136.6/17

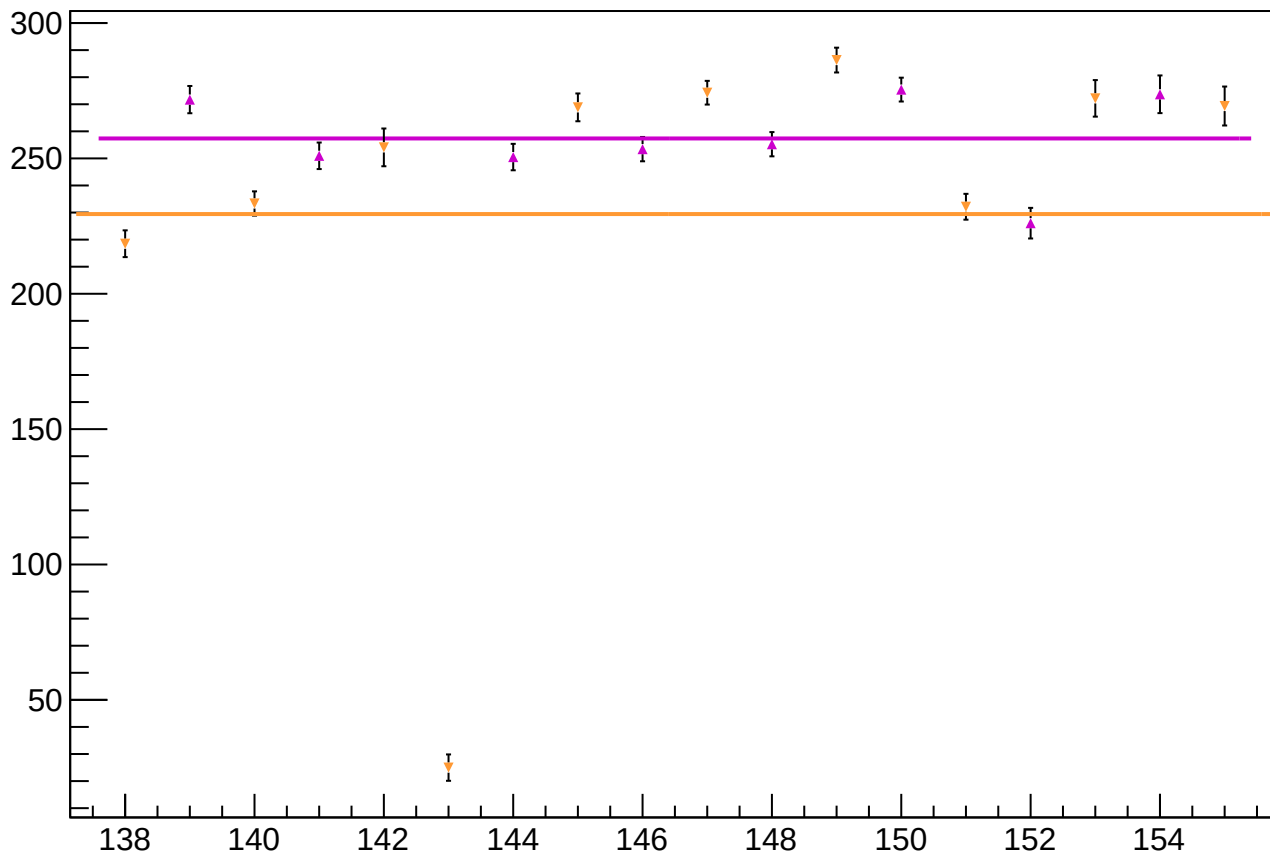
Right: -56.499+/-0.043 χ^2/NDF : 2110811.0/35

In: -97.390+/-0.049 χ^2/NDF : 2284567.1/24

Out: -90.239+/-0.047 χ^2/NDF : 2479929.9/28

All: -93.677+/-0.034 χ^2/NDF : 4775463.1/53

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: 229.443+/-1.630 χ^2/NDF :2169.6/9

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

Left In: 257.365+/-1.751 χ^2/NDF :65.8/7

Left: 242.403+/-1.193 χ^2/NDF : 2371.6/17

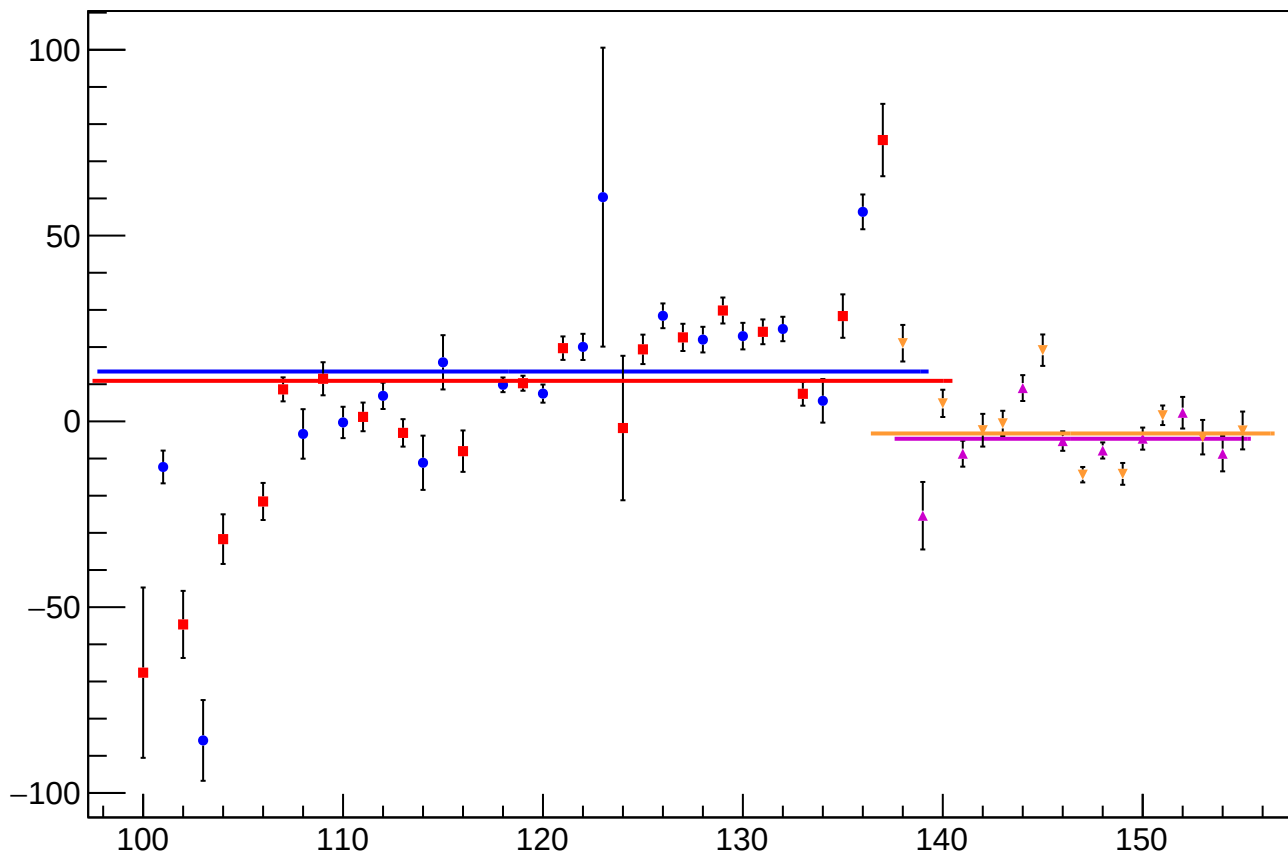
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.365+/-1.751 χ^2/NDF :65.8/7

Out: 229.443+/-1.630 χ^2/NDF :2169.6/9

All: 242.403+/-1.193 χ^2/NDF : 2371.6/17

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: -3.255+/-1.061 χ^2/NDF : 103.8/9

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

Left In: -4.681+/-1.157 χ^2/NDF : 27.5/7

Left: -3.907+/-0.782 χ^2/NDF : 132.1/17

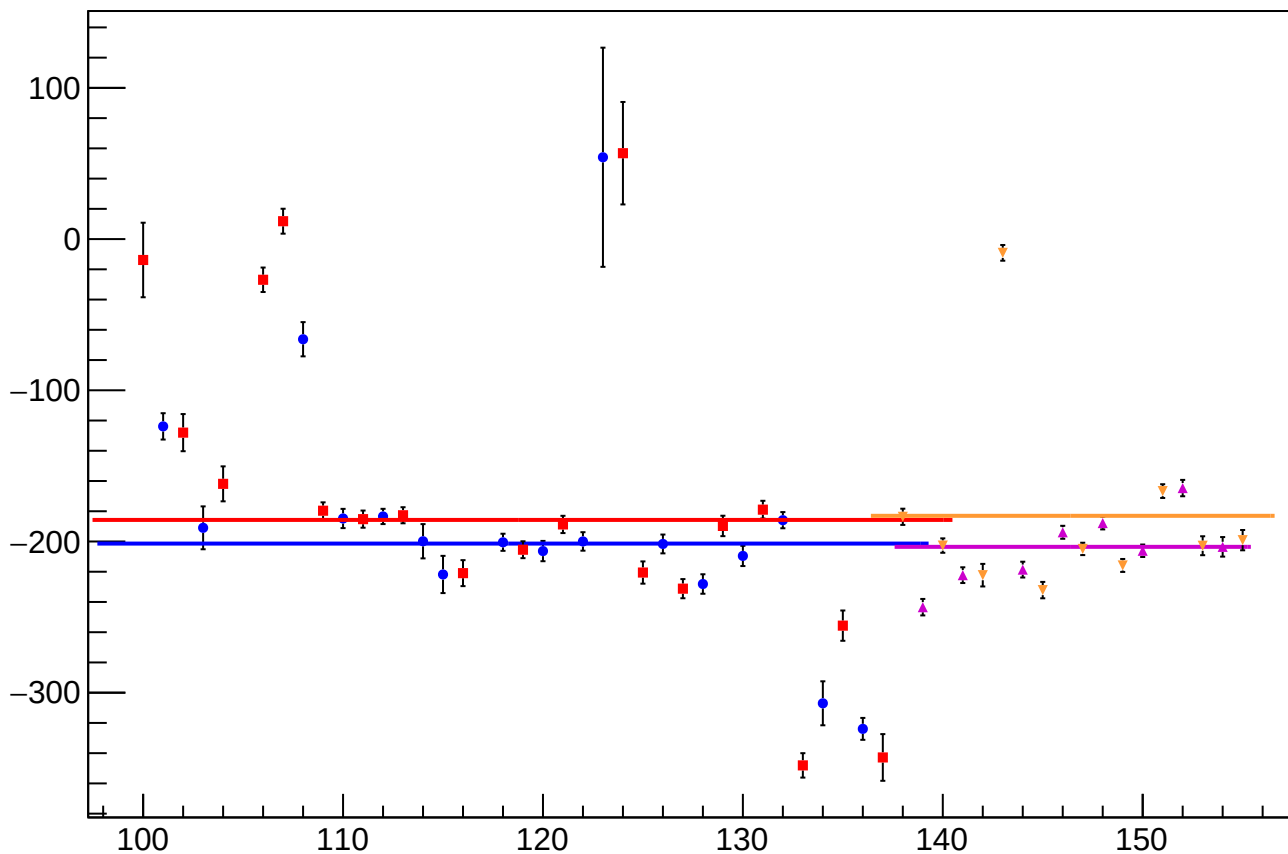
Right: 12.160+/-0.649 χ^2/NDF : 601.6/35

In: 6.413+/-0.720 χ^2/NDF : 472.8/24

Out: 4.861+/-0.694 χ^2/NDF : 508.4/28

All: 5.609+/-0.499 χ^2/NDF : 983.6/53

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: -183.020+/-1.626 χ^2/NDF :1361.8/9

Right Out: -185.739+/-1.700 χ^2/NDF : 1749.3/18

Left In: -203.539+/-1.727 χ^2/NDF :145.9/7

Left: -192.662+/-1.184 χ^2/NDF : 1582.4/17

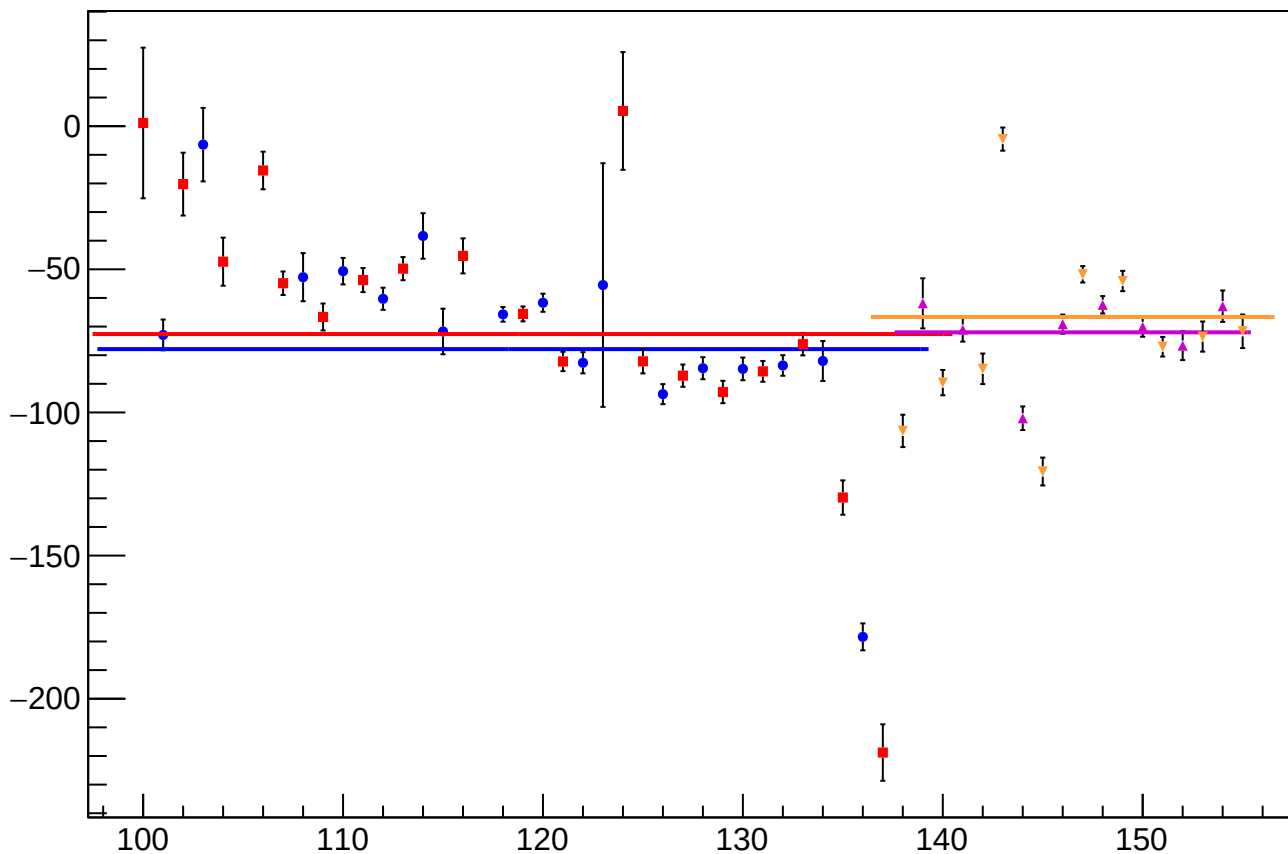
Right: -193.204+/-1.229 χ^2/NDF : 2413.2/35

In: -202.494+/-1.239 χ^2/NDF :770.1/24

Out: -184.319+/-1.175 χ^2/NDF :3112.4/28

All: -192.923+/-0.853 χ^2/NDF : 3995.7/53

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877 $\pm$ 1.066 χ^2/NDF : 658.2/16

Left Out: -66.650 $\pm$ 1.321 χ^2/NDF : 498.3/9

Right Out: -72.612 $\pm$ 1.054 χ^2/NDF : 606.9/18

Left In: -72.011 $\pm$ 1.439 χ^2/NDF : 68.9/7

Left: -69.101 $\pm$ 0.973 χ^2/NDF : 574.8/17

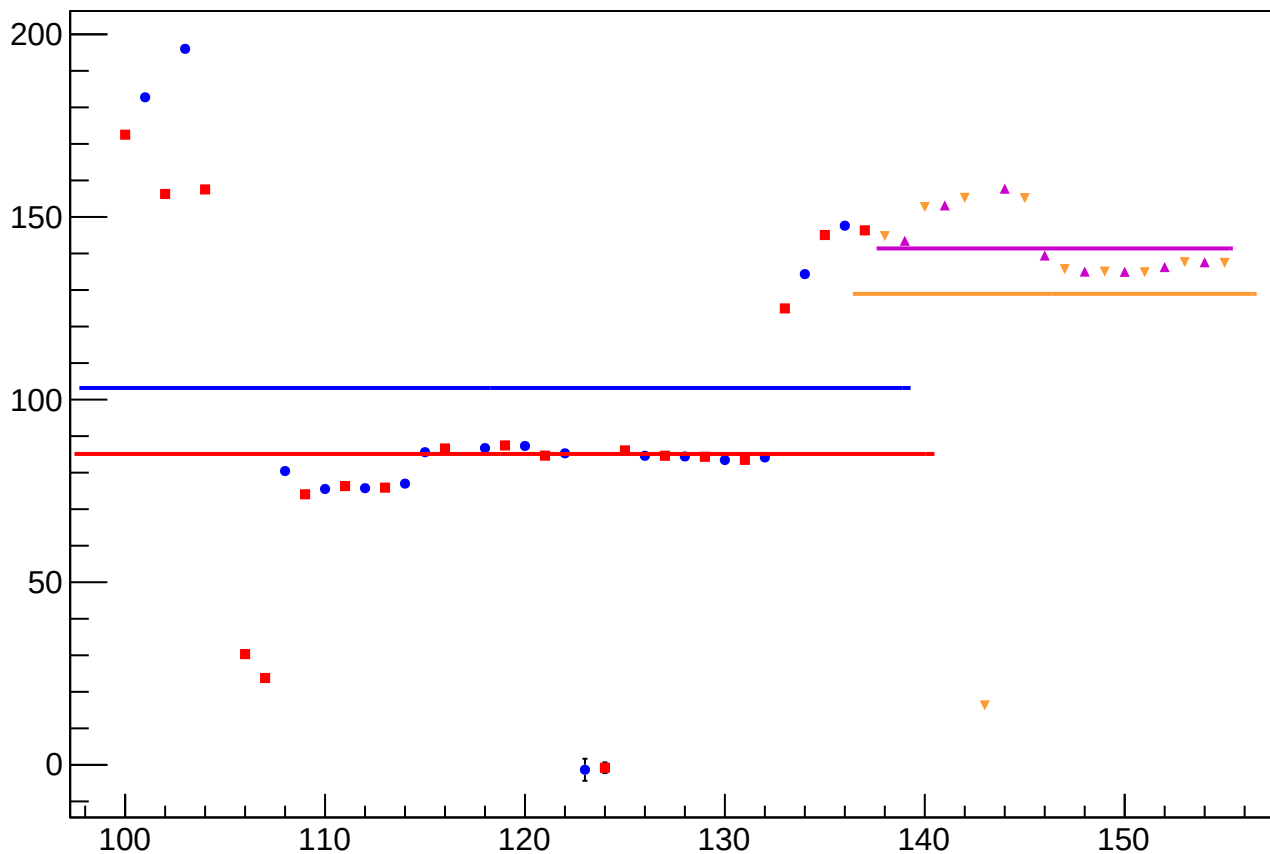
Right: -75.215 $\pm$ 0.749 χ^2/NDF : 1277.4/35

In: -75.801 $\pm$ 0.856 χ^2/NDF : 737.8/24

Out: -70.294 $\pm$ 0.824 χ^2/NDF : 1117.6/28

All: -72.940 $\pm$ 0.594 χ^2/NDF : 1876.9/53

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 128.945 $\pm$ 0.067 χ^2 /NDF: 340972.3/9

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

Left In: 141.380 $\pm$ 0.071 χ^2 /NDF: 11906.2/7

Left: 134.822 $\pm$ 0.049 χ^2 /NDF: 369054.5/17

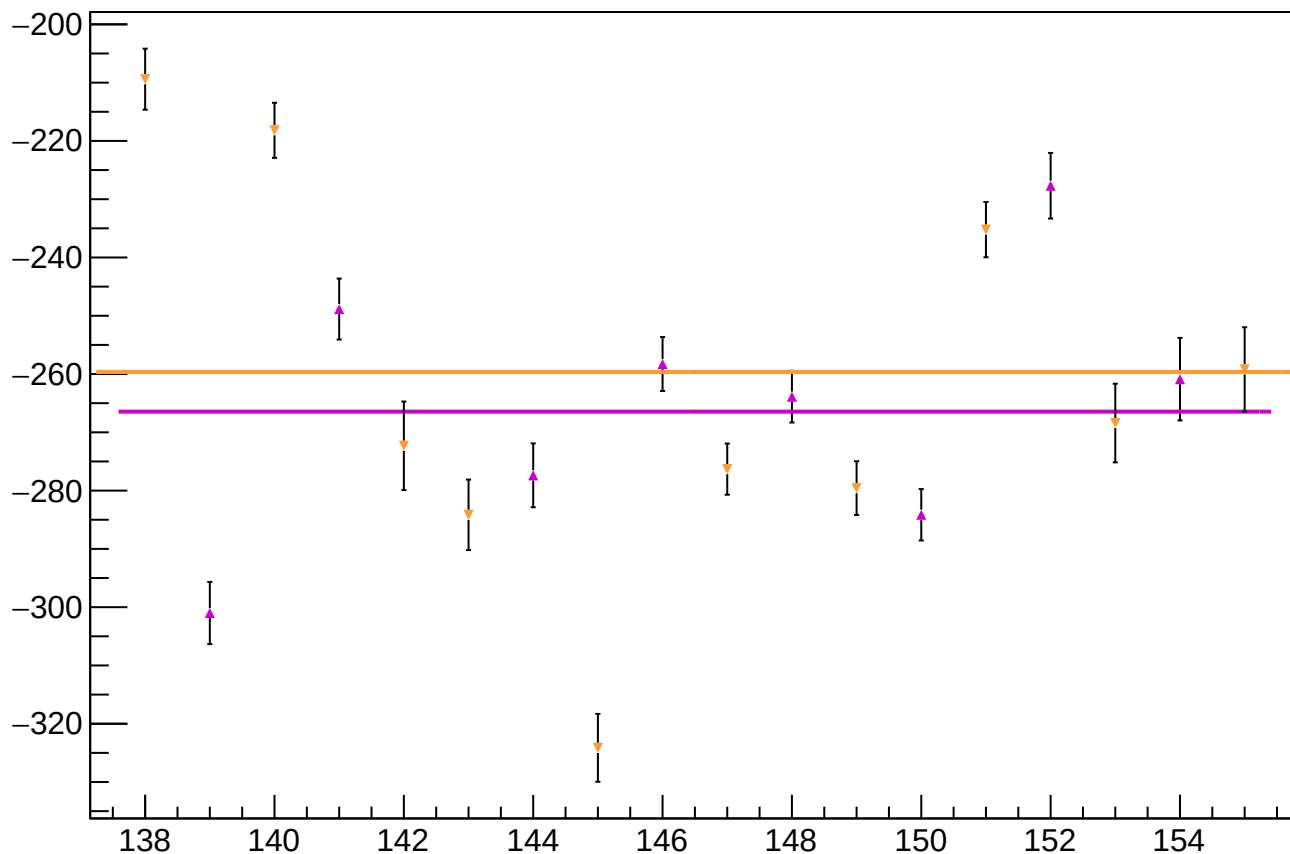
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733347.5/35

In: 122.104 $\pm$ 0.050 χ^2 /NDF: 431536.2/24

Out: 105.866 $\pm$ 0.046 χ^2 /NDF: 988364.0/28

All: 113.358 $\pm$ 0.034 χ^2 /NDF: 1476788.1/53

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -259.647+/-1.716 χ^2/NDF :372.0/9

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

Left In: -266.448+/-1.809 χ^2/NDF :124.8/7

Left: -262.868+/-1.245 χ^2/NDF : 504.3/17

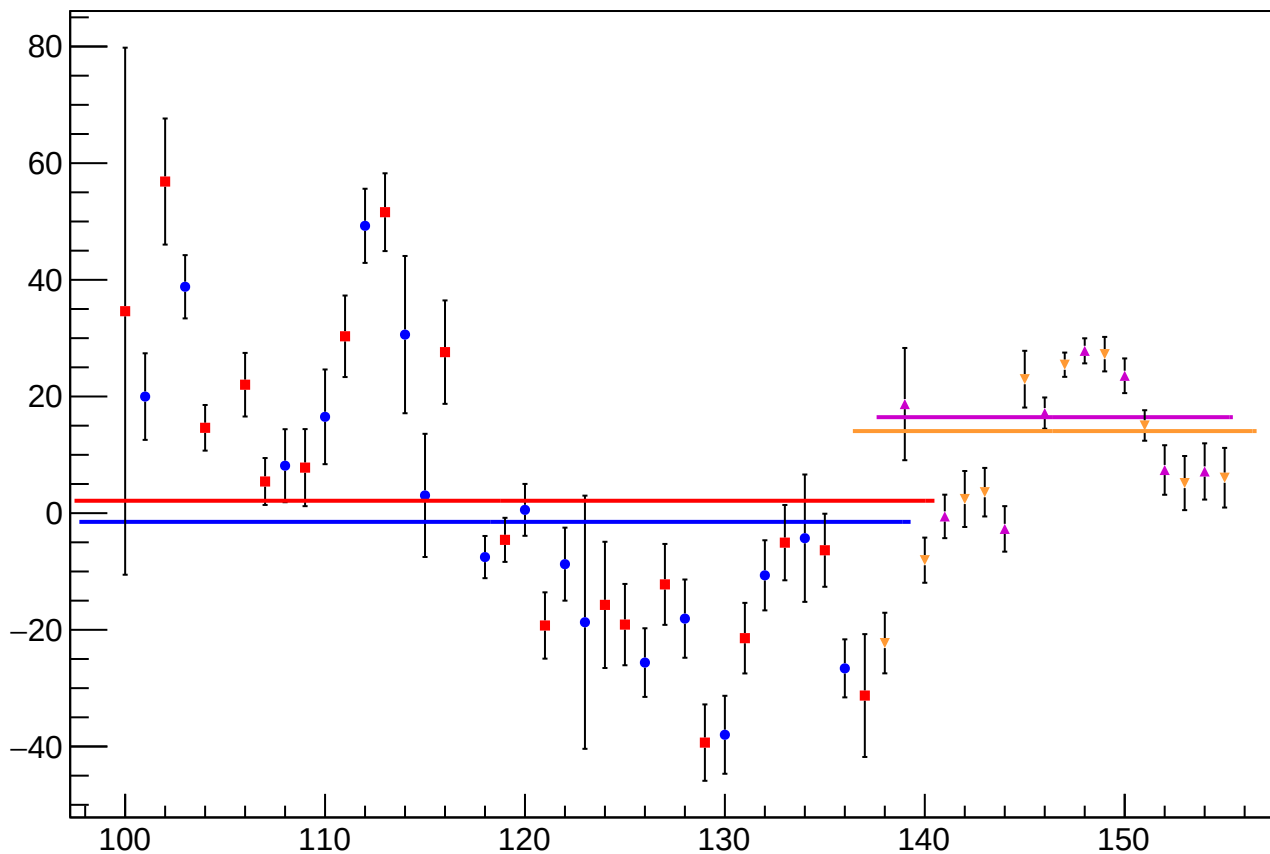
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.448+/-1.809 χ^2/NDF :124.8/7

Out: -259.647+/-1.716 χ^2/NDF :372.0/9

All: -262.868+/-1.245 χ^2/NDF : 504.3/17

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.492 ± 1.513 $\chi^2/\text{NDF}: 226.1/16$

Left Out: 14.071 ± 1.102 $\chi^2/\text{NDF}: 153.2/9$

Right Out: 2.127 ± 1.402 $\chi^2/\text{NDF}: 232.6/18$

Left In: 16.456 ± 1.182 $\chi^2/\text{NDF}: 87.0/7$

Left: 15.180 ± 0.806 $\chi^2/\text{NDF}: 242.4/17$

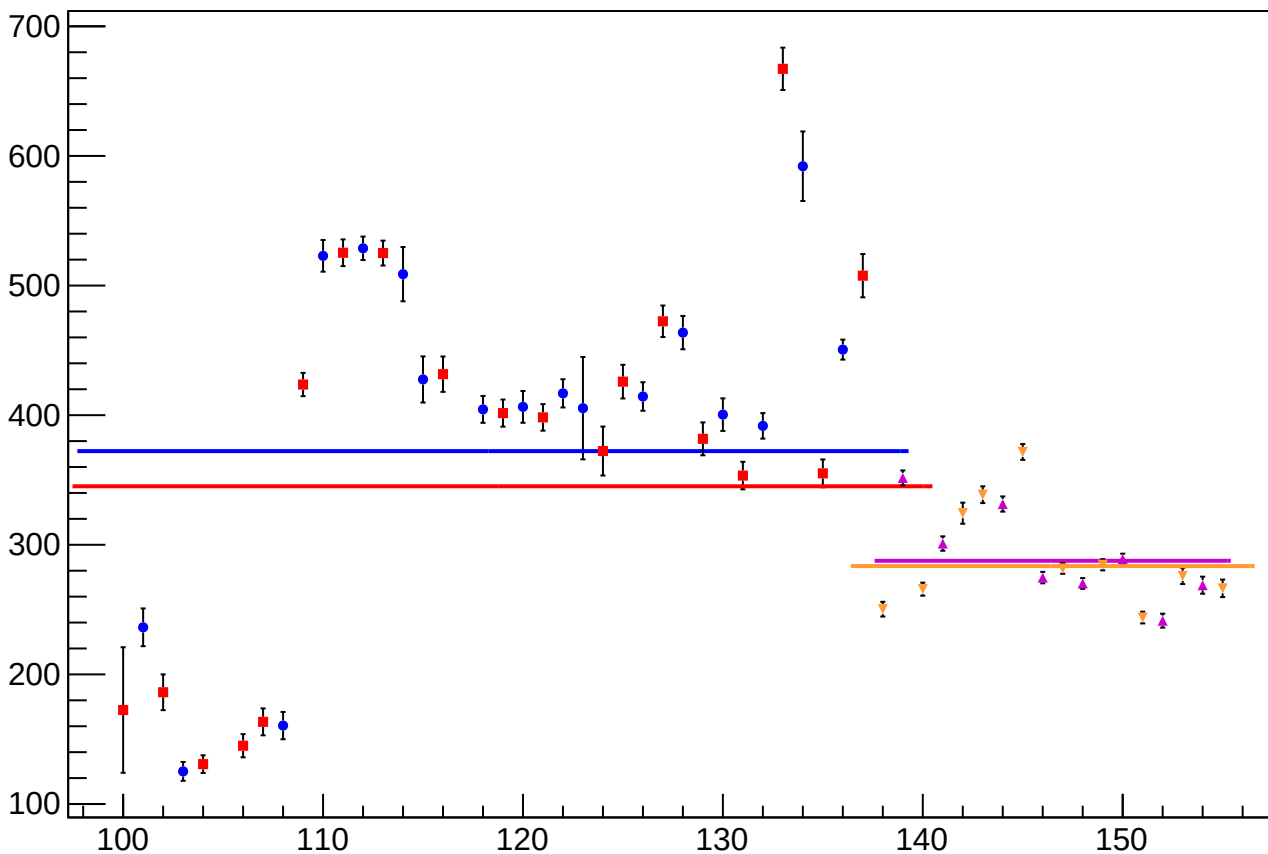
Right: 0.455 ± 1.029 $\chi^2/\text{NDF}: 461.8/35$

In: 9.655 ± 0.932 $\chi^2/\text{NDF}: 400.5/24$

Out: 9.511 ± 0.866 $\chi^2/\text{NDF}: 430.7/28$

All: 9.578 ± 0.634 $\chi^2/\text{NDF}: 831.2/53$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 283.555 $\pm$ 1.700 χ^2 /NDF:437.9/9

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

Left In: 287.658 $\pm$ 1.777 χ^2 /NDF:292.2/7

Left: 285.516 $\pm$ 1.228 χ^2 /NDF: 732.8/17

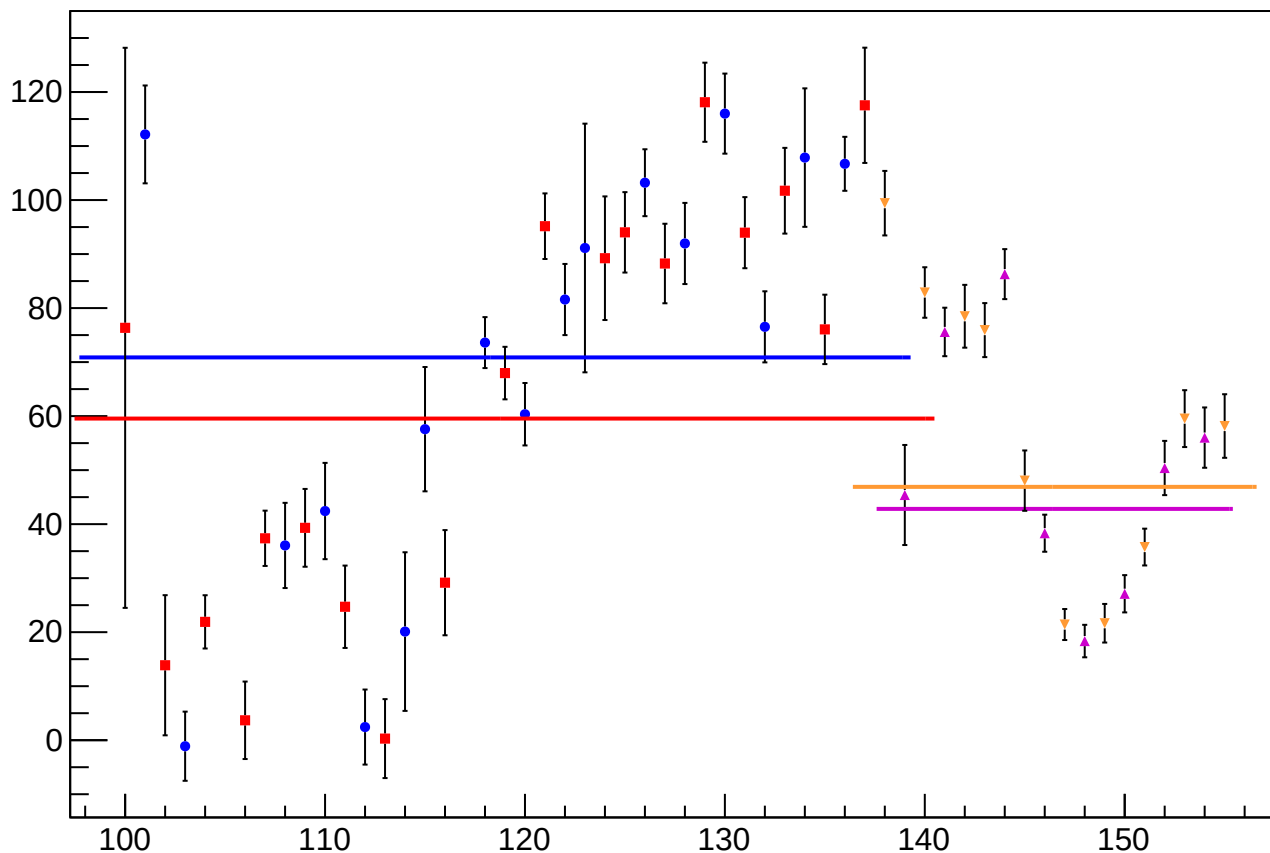
Right: 357.695 $\pm$ 1.878 χ^2 /NDF: 5901.5/35

In: 312.453 $\pm$ 1.494 χ^2 /NDF:3389.9/24

Out: 302.380 $\pm$ 1.417 χ^2 /NDF:4255.4/28

All: 307.150 $\pm$ 1.028 χ^2 /NDF: 7669.2/53

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 46.902 $\pm$ 1.379 χ^2 /NDF: 348.7/9

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

Left In: 42.823 $\pm$ 1.476 χ^2 /NDF: 238.0/7

Left: 45.001 $\pm$ 1.007 χ^2 /NDF: 590.8/17

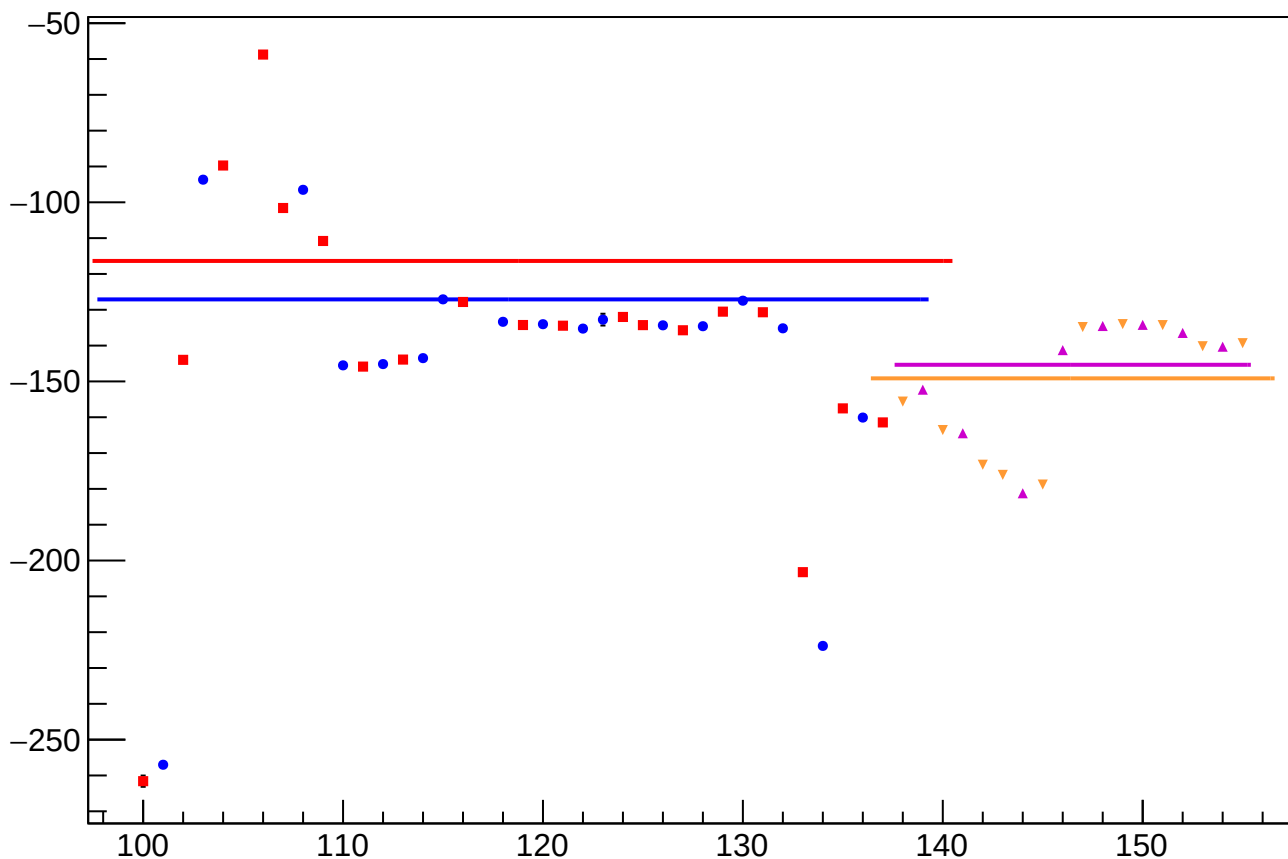
Right: 64.838 $\pm$ 1.192 χ^2 /NDF: 940.3/35

In: 54.533 $\pm$ 1.126 χ^2 /NDF: 815.8/24

Out: 52.163 $\pm$ 1.053 χ^2 /NDF: 874.6/28

All: 53.269 $\pm$ 0.769 χ^2 /NDF: 1692.8/53

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: -149.146+/-0.071 χ^2/NDF : 57567.5/9

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

Left In: -145.357+/-0.073 χ^2/NDF : 38278.8/7

Left: -147.319+/-0.051 χ^2/NDF : 97238.0/17

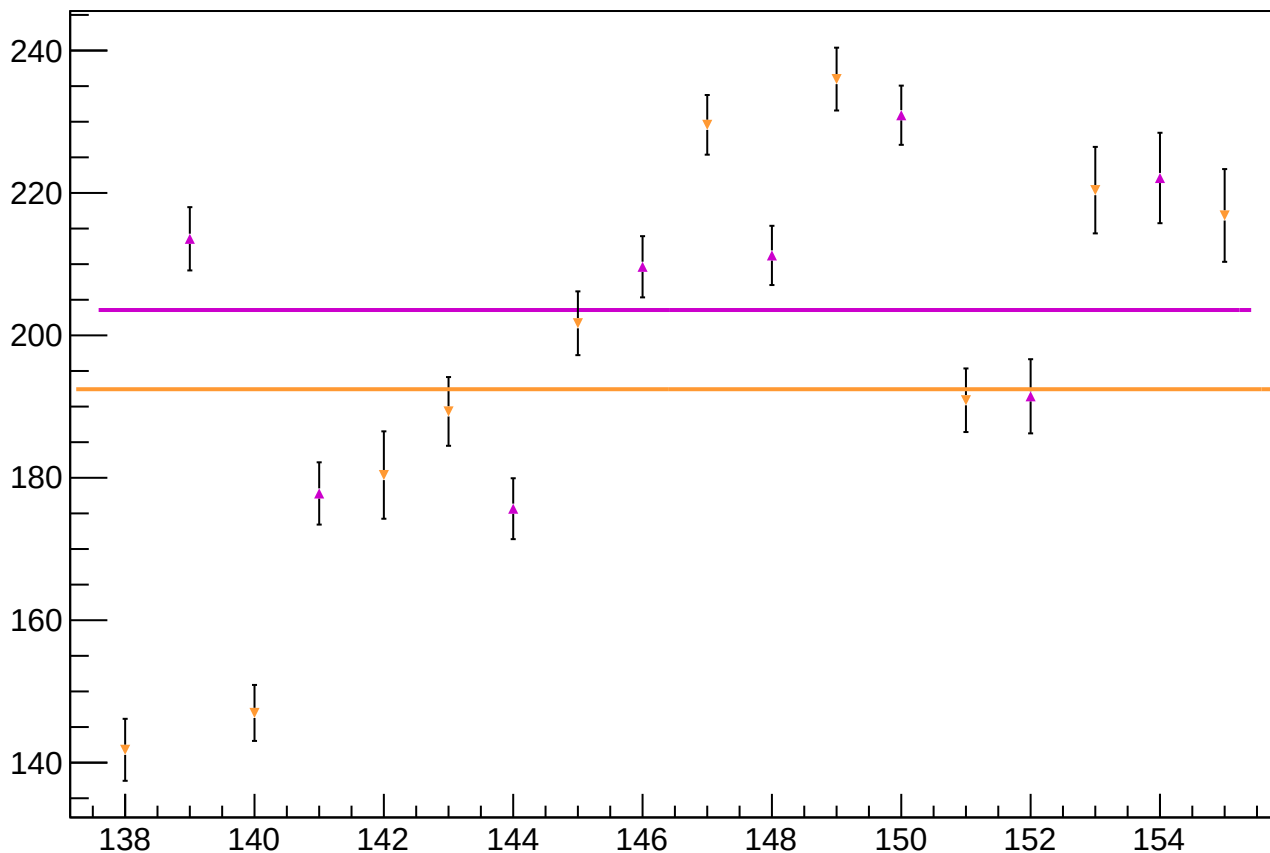
Right: -121.332+/-0.061 χ^2/NDF : 342408.2/35

In: -138.049+/-0.057 χ^2/NDF : 230318.5/24

Out: -135.391+/-0.054 χ^2/NDF : 315833.2/28

All: -136.650+/-0.039 χ^2/NDF : 547312.2/53

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: 192.439+/-1.497 χ^2/NDF : 489.0/9

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

Left In: 203.563+/-1.603 χ^2/NDF : 145.0/7

Left: 197.622+/-1.094 χ^2/NDF : 659.7/17

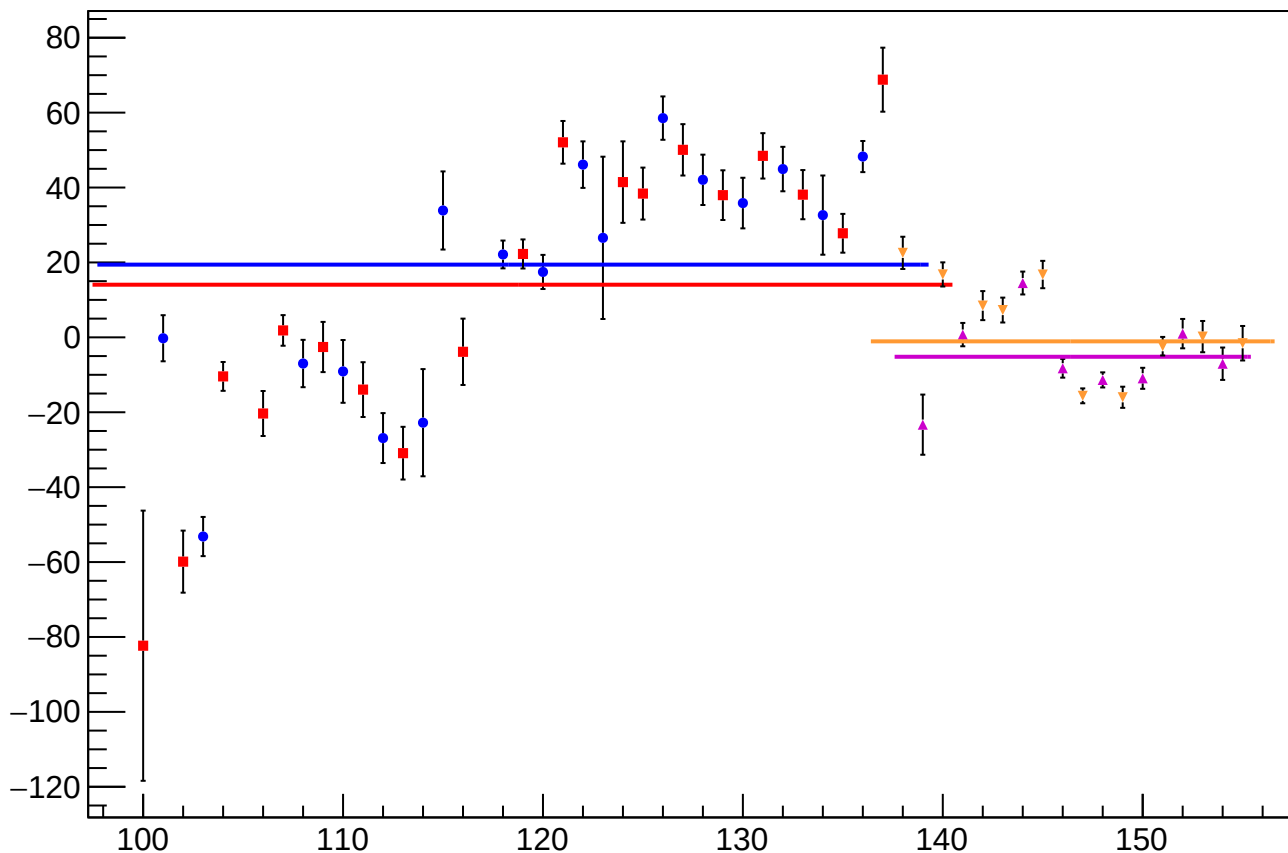
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.563+/-1.603 χ^2/NDF : 145.0/7

Out: 192.439+/-1.497 χ^2/NDF : 489.0/9

All: 197.622+/-1.094 χ^2/NDF : 659.7/17

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: -1.070 ± 0.986 χ^2/NDF : 179.1/9

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

Left In: -5.186 ± 1.068 χ^2/NDF : 68.0/7

Left: -2.964 ± 0.724 χ^2/NDF : 255.1/17

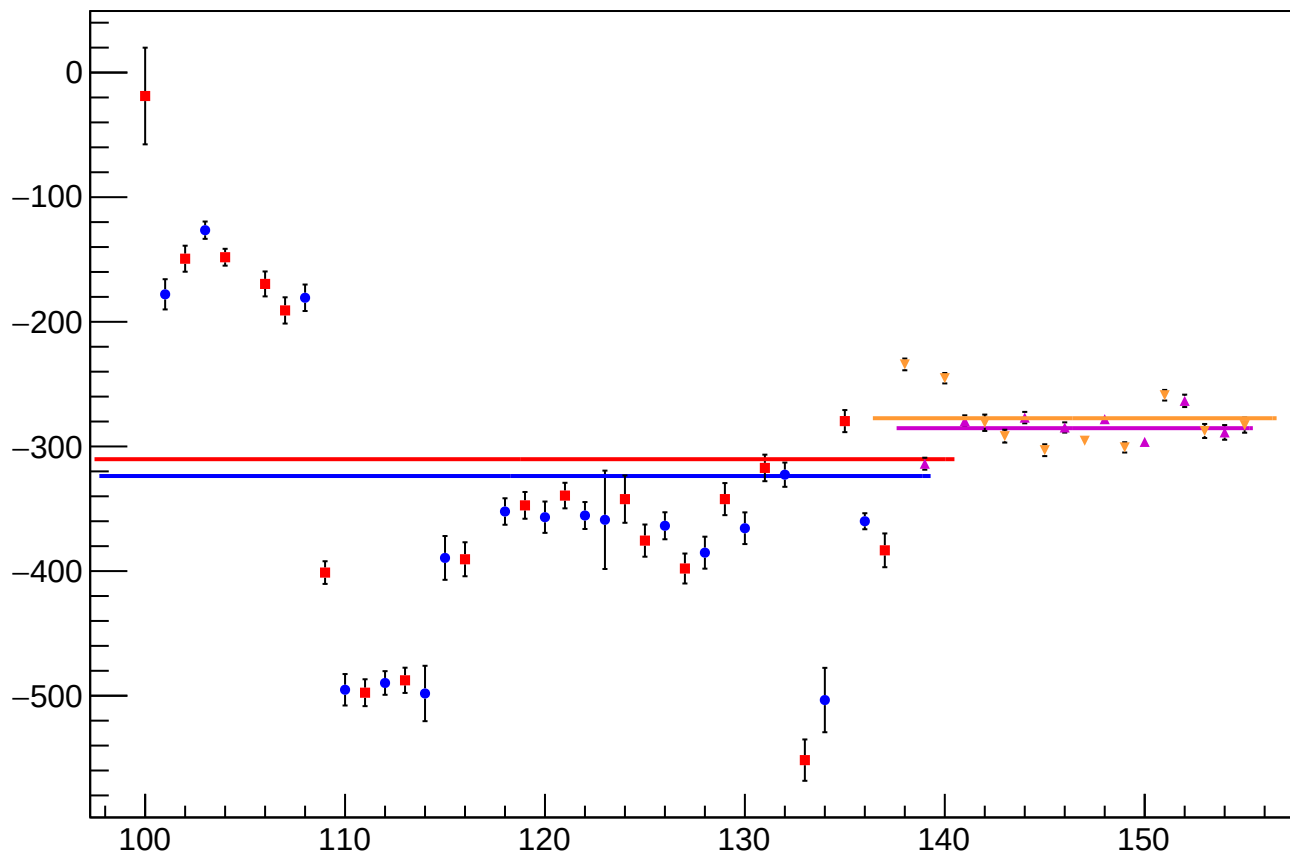
Right: 16.572 ± 1.014 χ^2/NDF : 884.6/35

In: 3.241 ± 0.866 χ^2/NDF : 690.8/24

Out: 3.982 ± 0.805 χ^2/NDF : 694.3/28

All: 3.639 ± 0.589 χ^2/NDF : 1385.5/53

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: -277.352 ± 1.499 χ^2/NDF : 256.4/9

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

Left In: -285.337 ± 1.586 χ^2/NDF : 71.2/7

Left: -281.118 ± 1.089 χ^2/NDF : 341.0/17

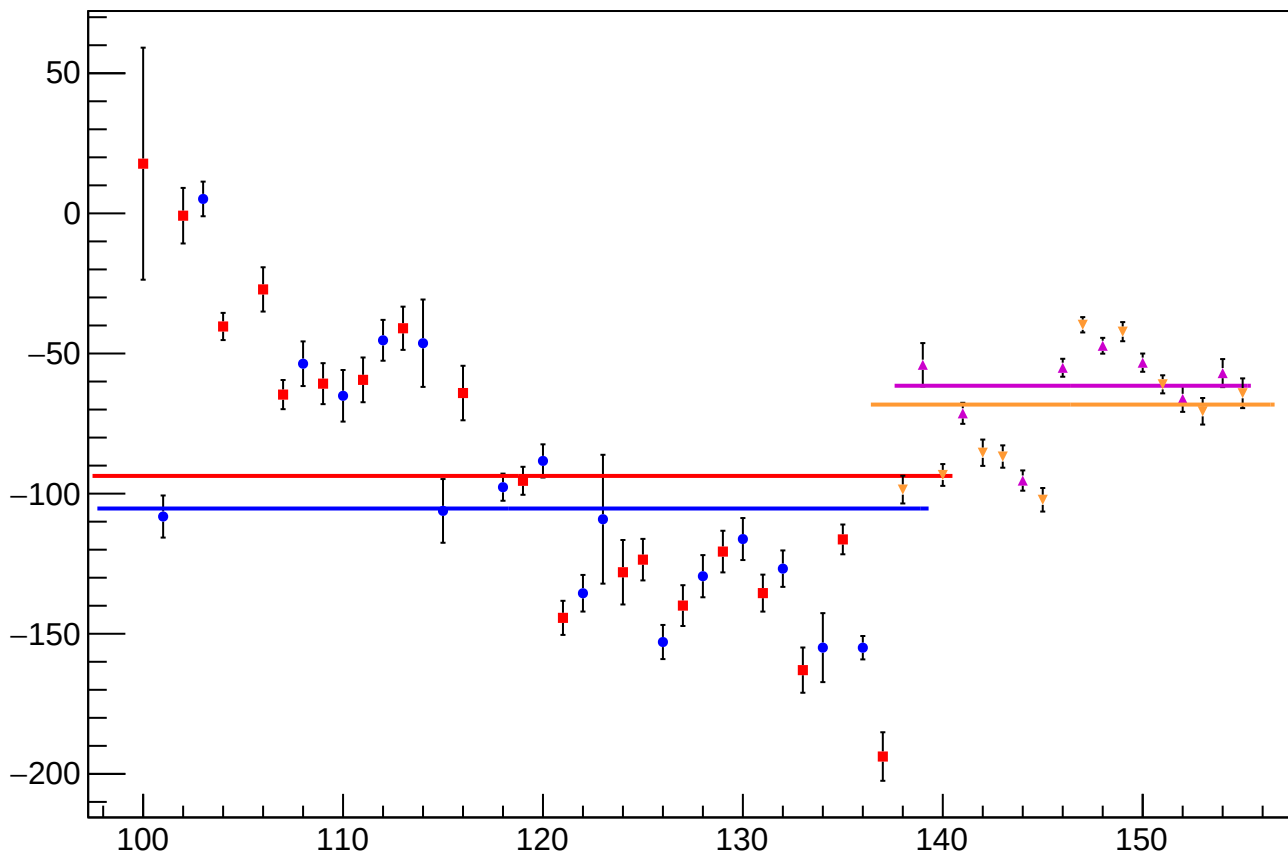
Right: -316.595 ± 1.833 χ^2/NDF : 4164.2/35

In: -295.361 ± 1.363 χ^2/NDF : 2074.9/24

Out: -285.927 ± 1.289 χ^2/NDF : 2681.8/28

All: -290.378 ± 0.936 χ^2/NDF : 4782.0/53

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: -68.223 ± 1.224 χ^2/NDF : 351.7/9

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

Left In: -61.503 ± 1.327 χ^2/NDF : 133.0/7

Left: -65.133 ± 0.900 χ^2/NDF : 498.5/17

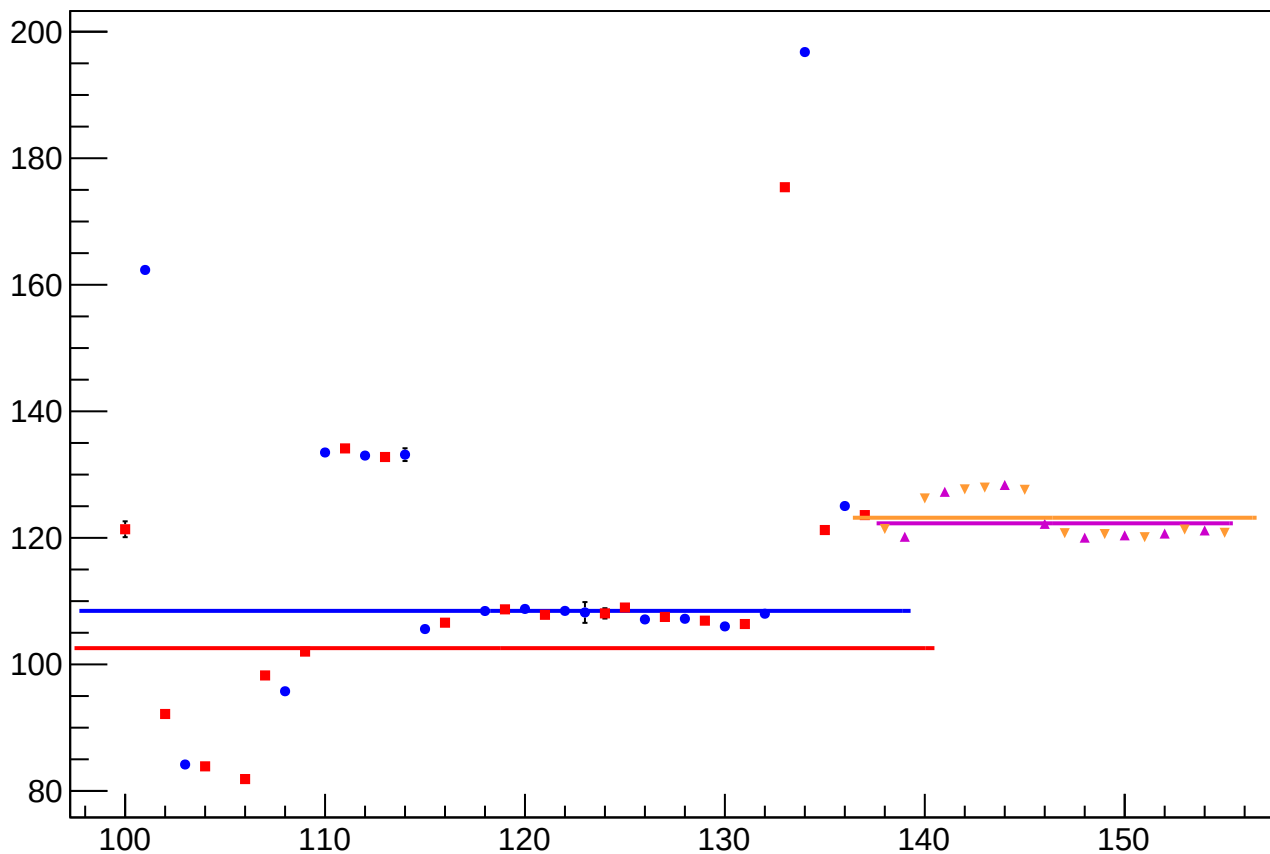
Right: -99.207 ± 1.167 χ^2/NDF : 1588.8/35

In: -78.167 ± 1.044 χ^2/NDF : 1285.2/24

Out: -77.538 ± 0.975 χ^2/NDF : 1336.4/28

All: -77.831 ± 0.713 χ^2/NDF : 2621.8/53

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: 123.181+/-0.062 χ^2/NDF : 2620.6/9

Right Out: 102.570+/-0.079 χ^2/NDF : 53143.8/18

Left In: 122.297+/-0.065 χ^2/NDF : 2191.8/7

Left: 122.761+/-0.045 χ^2/NDF : 4909.7/17

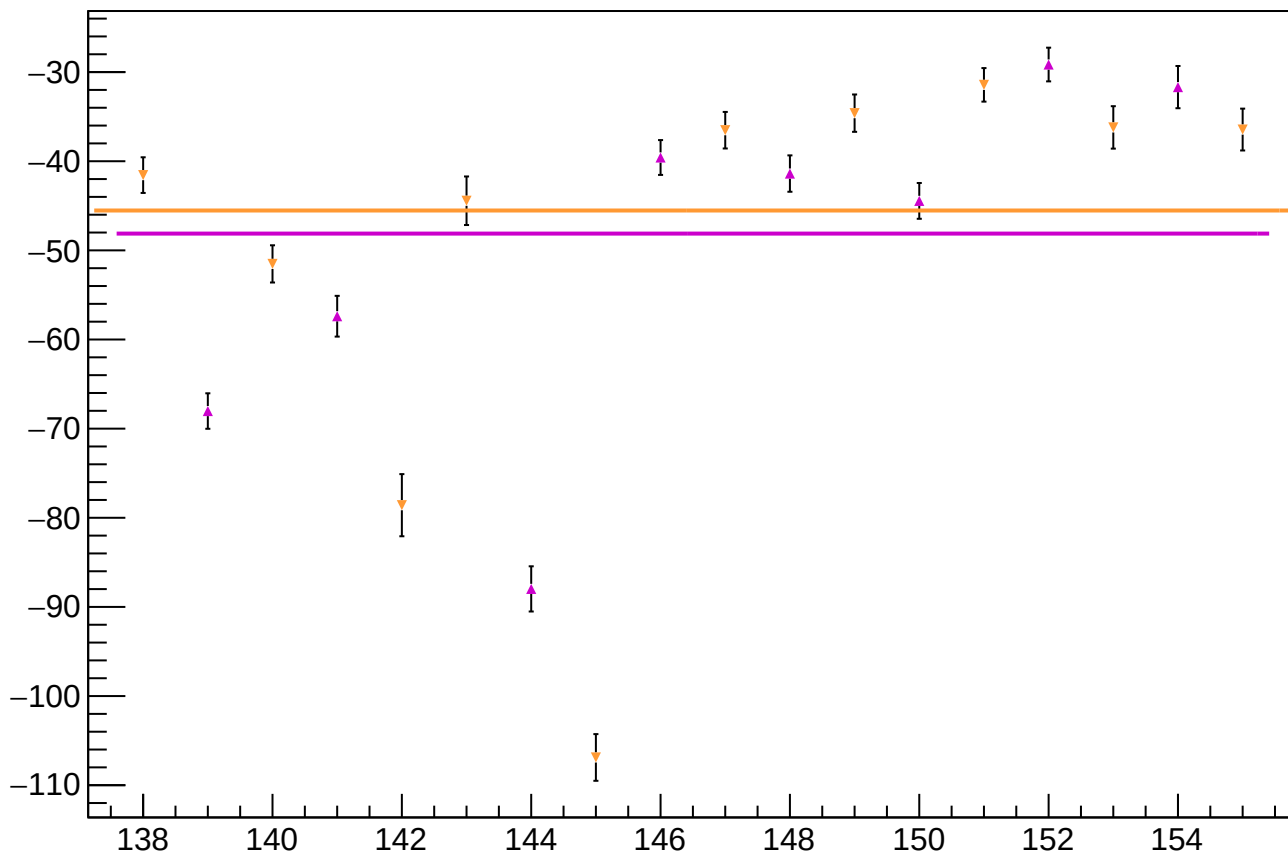
Right: 105.327+/-0.058 χ^2/NDF : 129018.0/35

In: 117.169+/-0.052 χ^2/NDF : 92280.5/24

Out: 115.412+/-0.049 χ^2/NDF : 97688.2/28

All: 116.242+/-0.035 χ^2/NDF : 190580.7/53

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: -45.527+/-0.716 χ^2 /NDF:784.0/9

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

Left In: -48.118+/-0.744 χ^2 /NDF:545.7/7

Left: -46.774+/-0.516 χ^2 /NDF: 1336.1/17

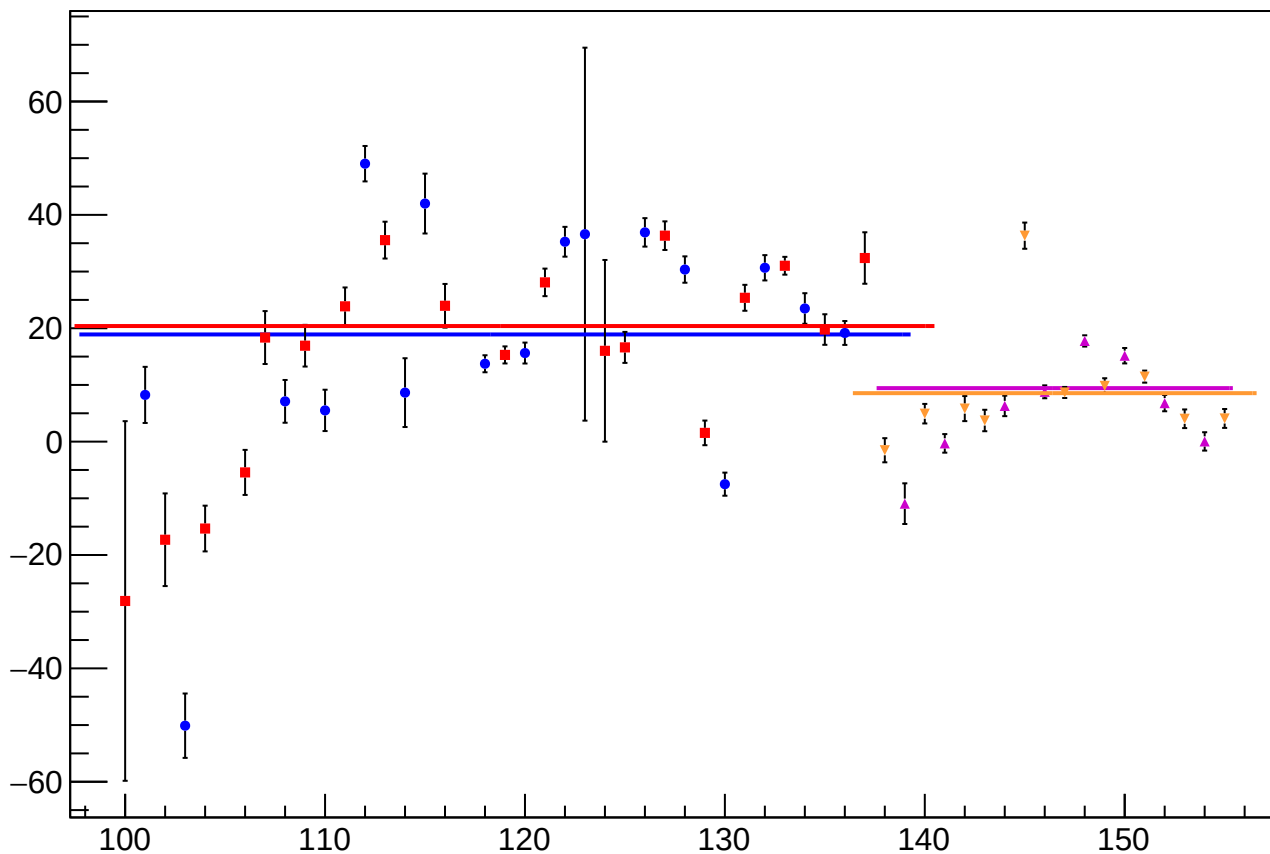
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -48.118+/-0.744 χ^2 /NDF:545.7/7

Out: -45.527+/-0.716 χ^2 /NDF:784.0/9

All: -46.774+/-0.516 χ^2 /NDF: 1336.1/17

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 8.549 $\pm$ 0.474 χ^2 /NDF:202.5/9

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

Left In: 9.436 $\pm$ 0.503 χ^2 /NDF:196.1/7

Left: 8.967 $\pm$ 0.345 χ^2 /NDF: 400.2/17

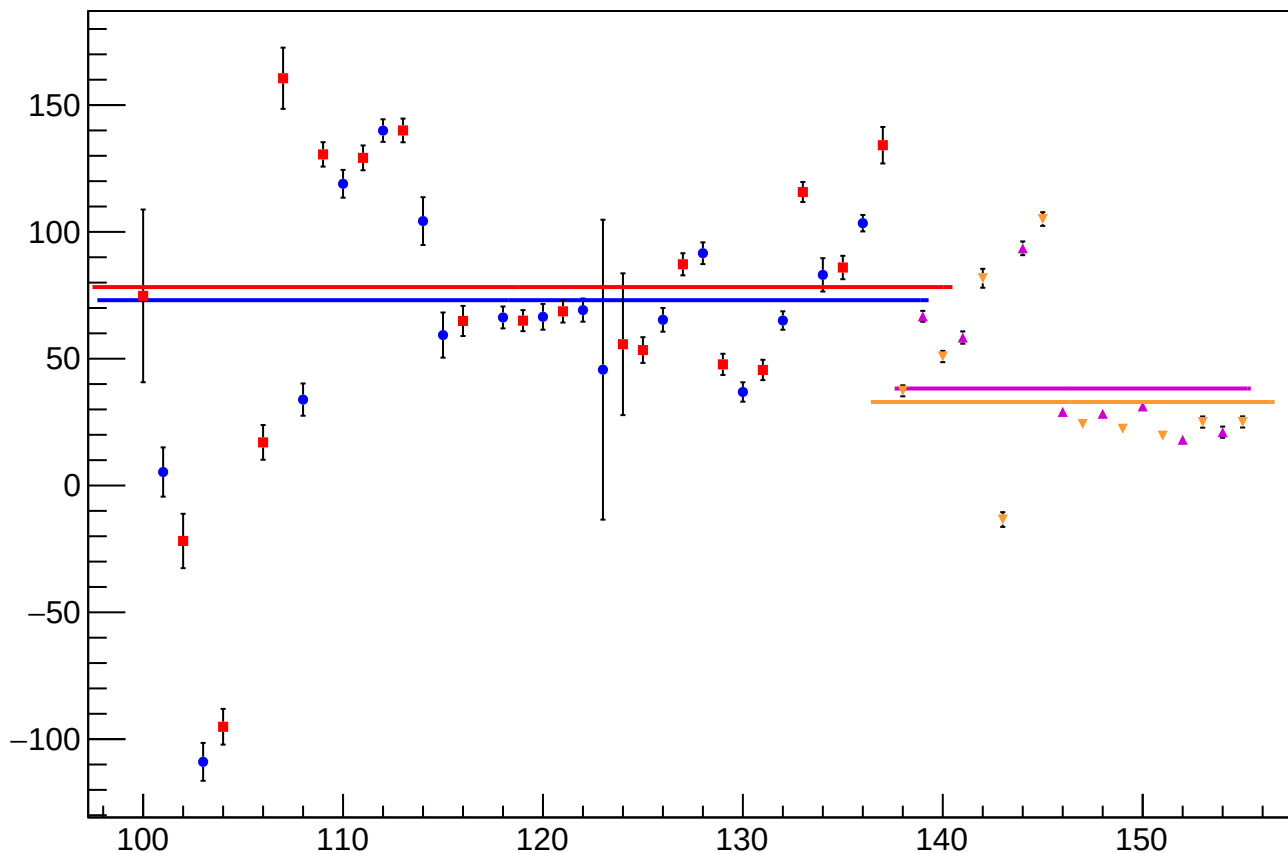
Right: 19.648 $\pm$ 0.455 χ^2 /NDF: 986.9/35

In: 13.029 $\pm$ 0.396 χ^2 /NDF:949.4/24

Out: 12.715 $\pm$ 0.382 χ^2 /NDF:787.0/28

All: 12.866 $\pm$ 0.275 χ^2 /NDF: 1736.8/53

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: 32.930+/-0.708 χ^2/NDF :1335.5/9

Right Out: 78.241+/-1.223 χ^2/NDF : 1542.7/18

Left In: 38.243+/-0.730 χ^2/NDF :909.5/7

Left: 35.503+/-0.508 χ^2/NDF : 2272.3/17

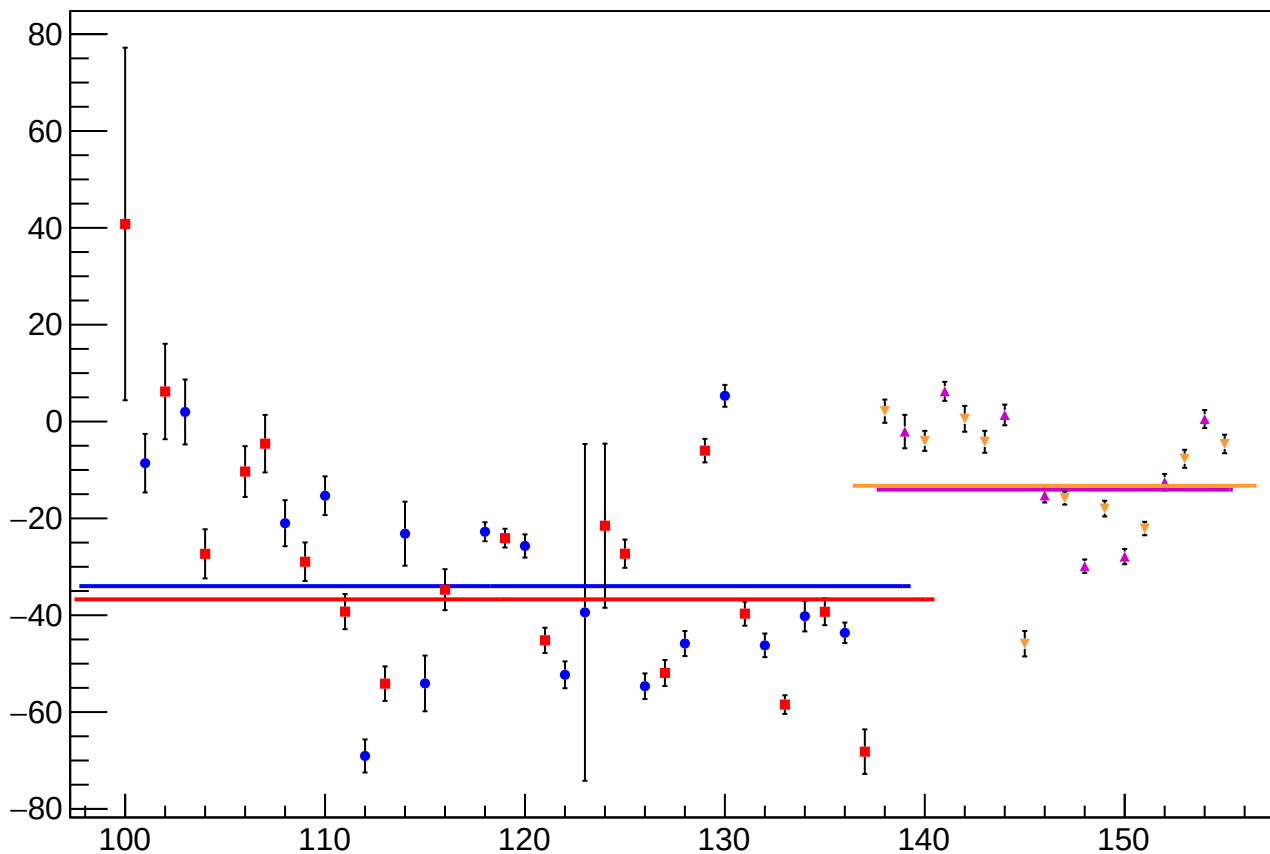
Right: 75.667+/-0.866 χ^2/NDF : 2751.5/35

In: 47.347+/-0.628 χ^2/NDF :2703.7/24

Out: 44.306+/-0.613 χ^2/NDF :3906.9/28

All: 45.789+/-0.438 χ^2/NDF : 6622.7/53

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.264 ± 0.587 χ^2/NDF : 339.6/9

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

Left In: -14.065 ± 0.622 χ^2/NDF : 439.3/7

Left: -13.642 ± 0.427 χ^2/NDF : 779.8/17

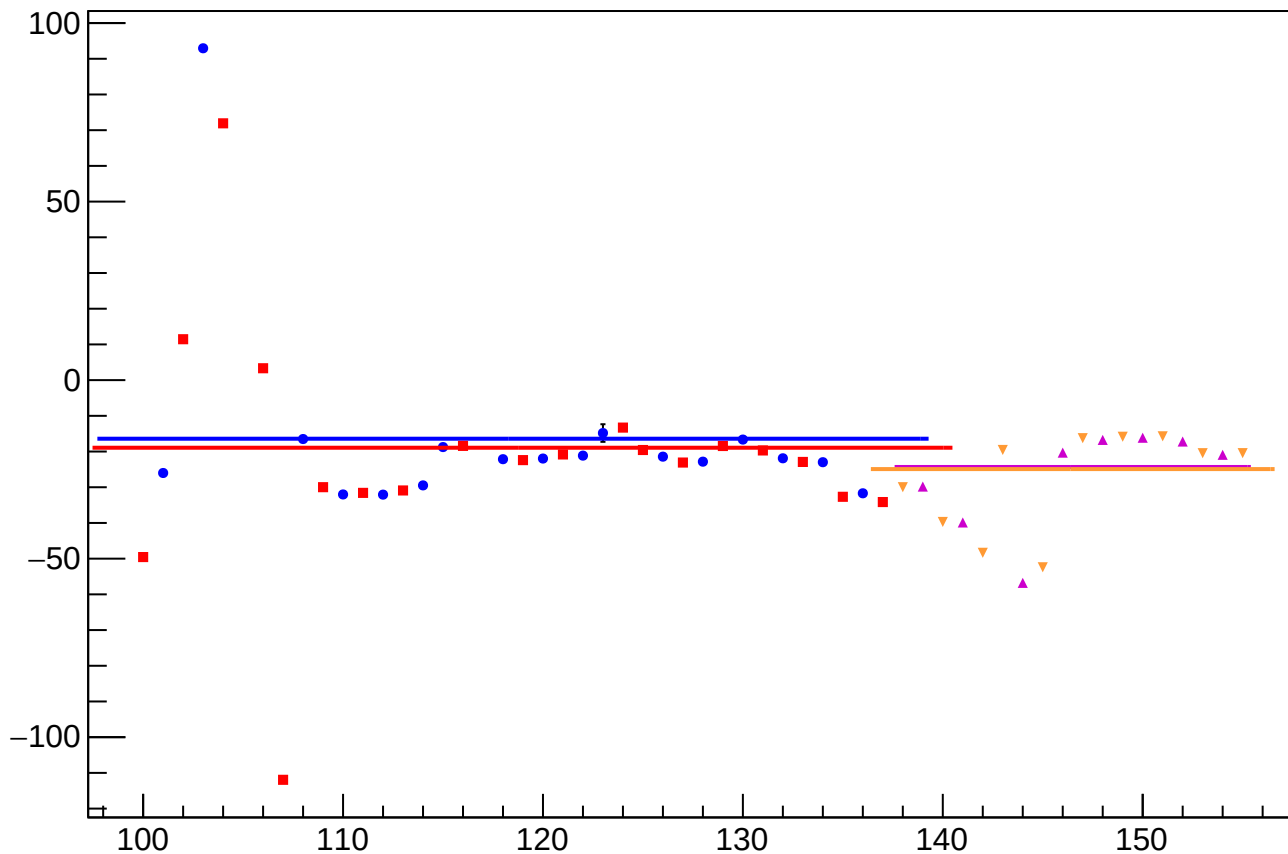
Right: -35.354 ± 0.521 χ^2/NDF : 1269.6/35

In: -22.362 ± 0.475 χ^2/NDF : 1586.6/24

Out: -22.373 ± 0.459 χ^2/NDF : 1502.3/28

All: -22.368 ± 0.330 χ^2/NDF : 3088.9/53

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -24.916 ± 0.029 $\chi^2/\text{NDF}: 160810.5/9$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

Left In: -24.324 ± 0.030 $\chi^2/\text{NDF}: 137606.2/7$

Left: -24.629 ± 0.021 $\chi^2/\text{NDF}: 298622.8/17$

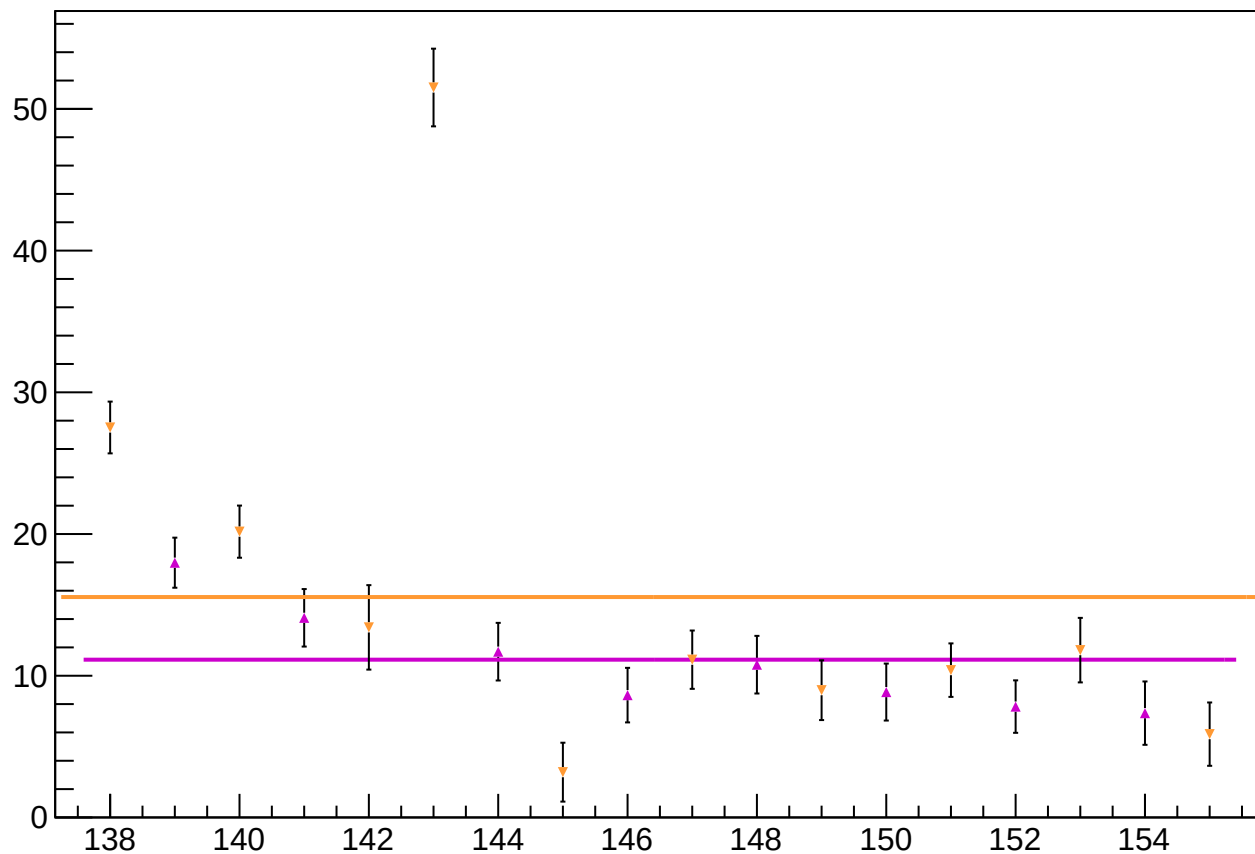
Right: -17.648 ± 0.032 $\chi^2/\text{NDF}: 910108.0/35$

In: -21.893 ± 0.025 $\chi^2/\text{NDF}: 633981.7/24$

Out: -23.200 ± 0.024 $\chi^2/\text{NDF}: 607430.9/28$

All: -22.557 ± 0.017 $\chi^2/\text{NDF}: 1242843.9/53$

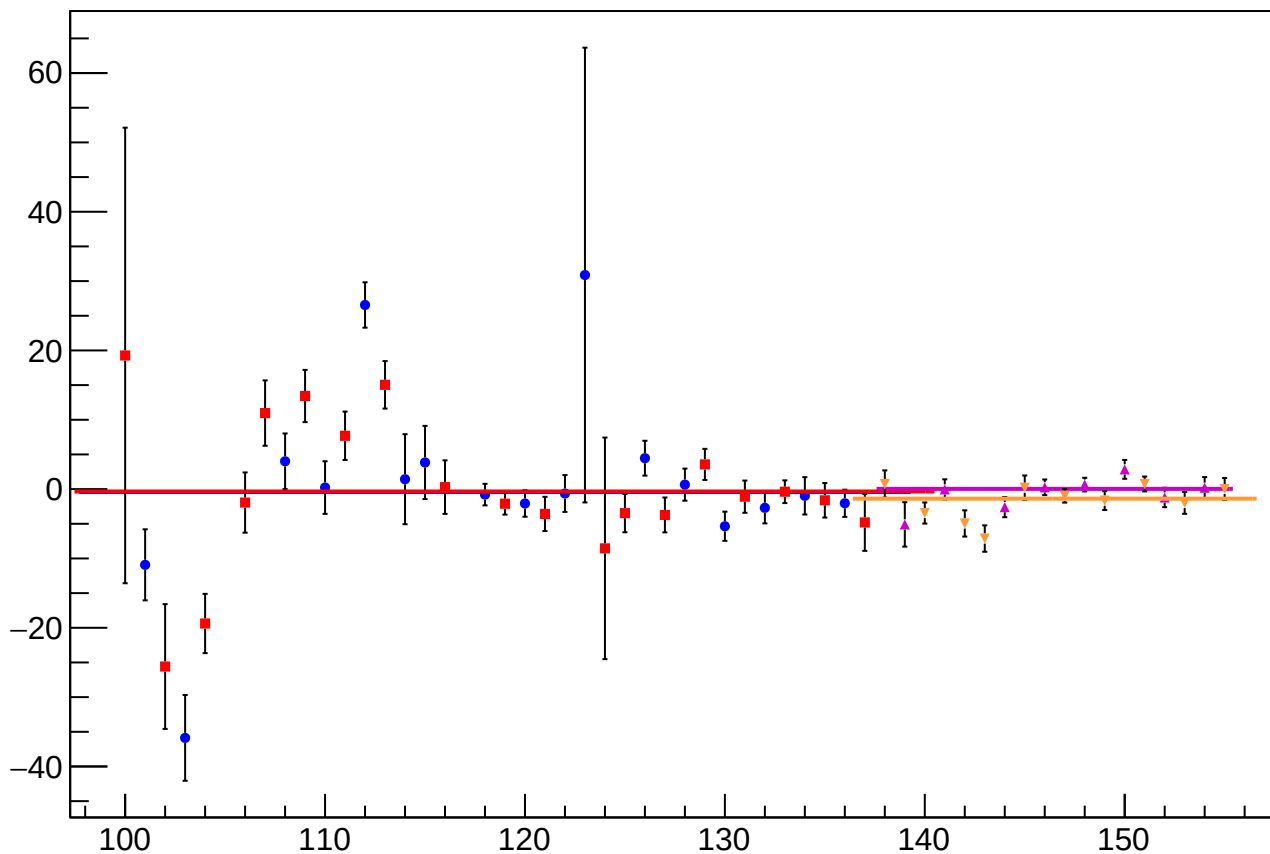
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 15.554 ± 0.673 χ^2/NDF : 300.3/9
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 11.134 ± 0.697 χ^2/NDF : 26.3/7

Left: 13.422 ± 0.484 χ^2/NDF : 347.4/17
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 11.134 ± 0.697 χ^2/NDF : 26.3/7
 Out: 15.554 ± 0.673 χ^2/NDF : 300.3/9
 All: 13.422 ± 0.484 χ^2/NDF : 347.4/17

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.378 ± 0.455 χ^2/NDF : 21.5/9

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

Left In: 0.031 ± 0.481 χ^2/NDF : 11.3/7

Left: -0.712 ± 0.331 χ^2/NDF : 37.4/17

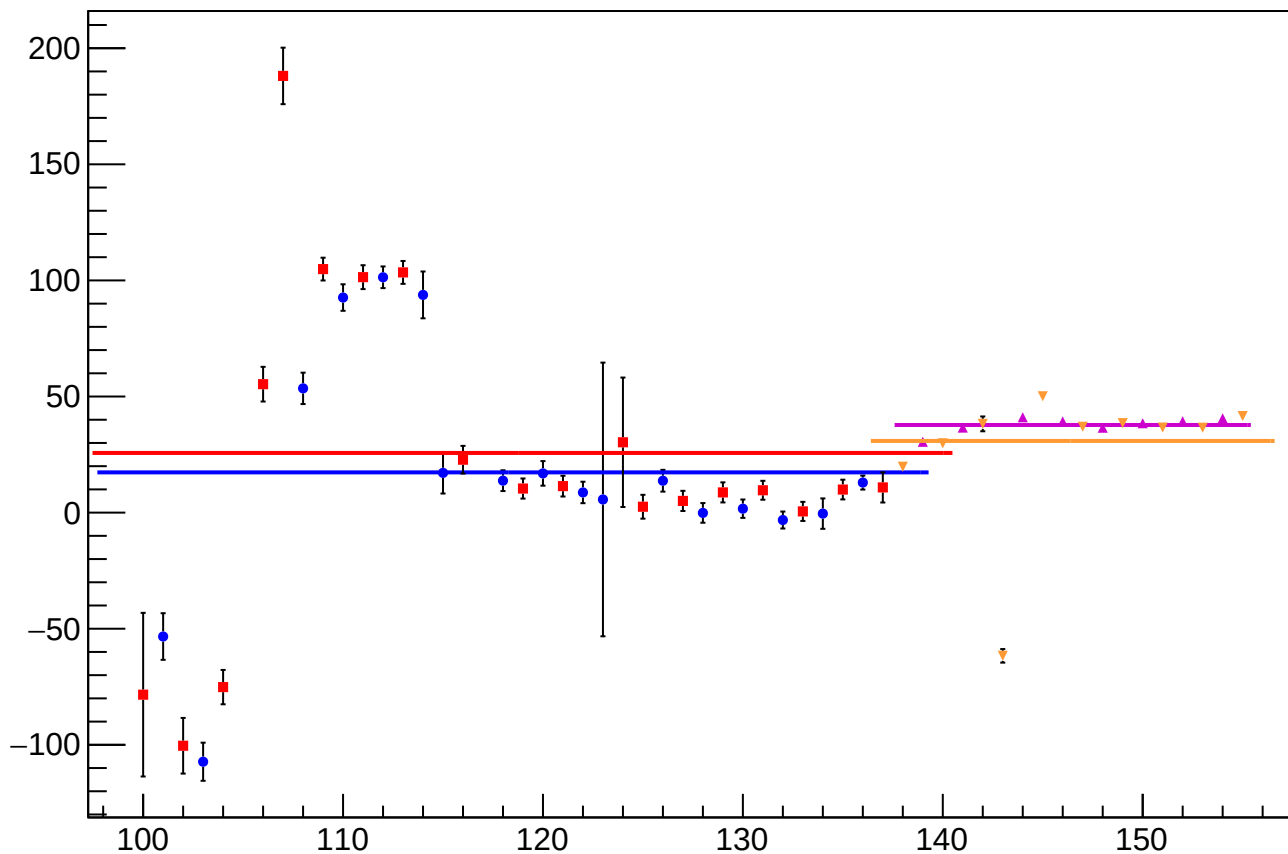
Right: -0.378 ± 0.463 χ^2/NDF : 203.7/35

In: -0.125 ± 0.387 χ^2/NDF : 131.6/24

Out: -1.043 ± 0.374 χ^2/NDF : 106.9/28

All: -0.600 ± 0.269 χ^2/NDF : 241.4/53

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2 /NDF: 943.2/16

Left Out: 30.873+/-0.670 χ^2 /NDF:1184.1/9

Right Out: 25.701+/-1.243 χ^2 /NDF: 1379.1/18

Left In: 37.743+/-0.690 χ^2 /NDF:20.9/7

Left: 34.208+/-0.481 χ^2 /NDF: 1256.1/17

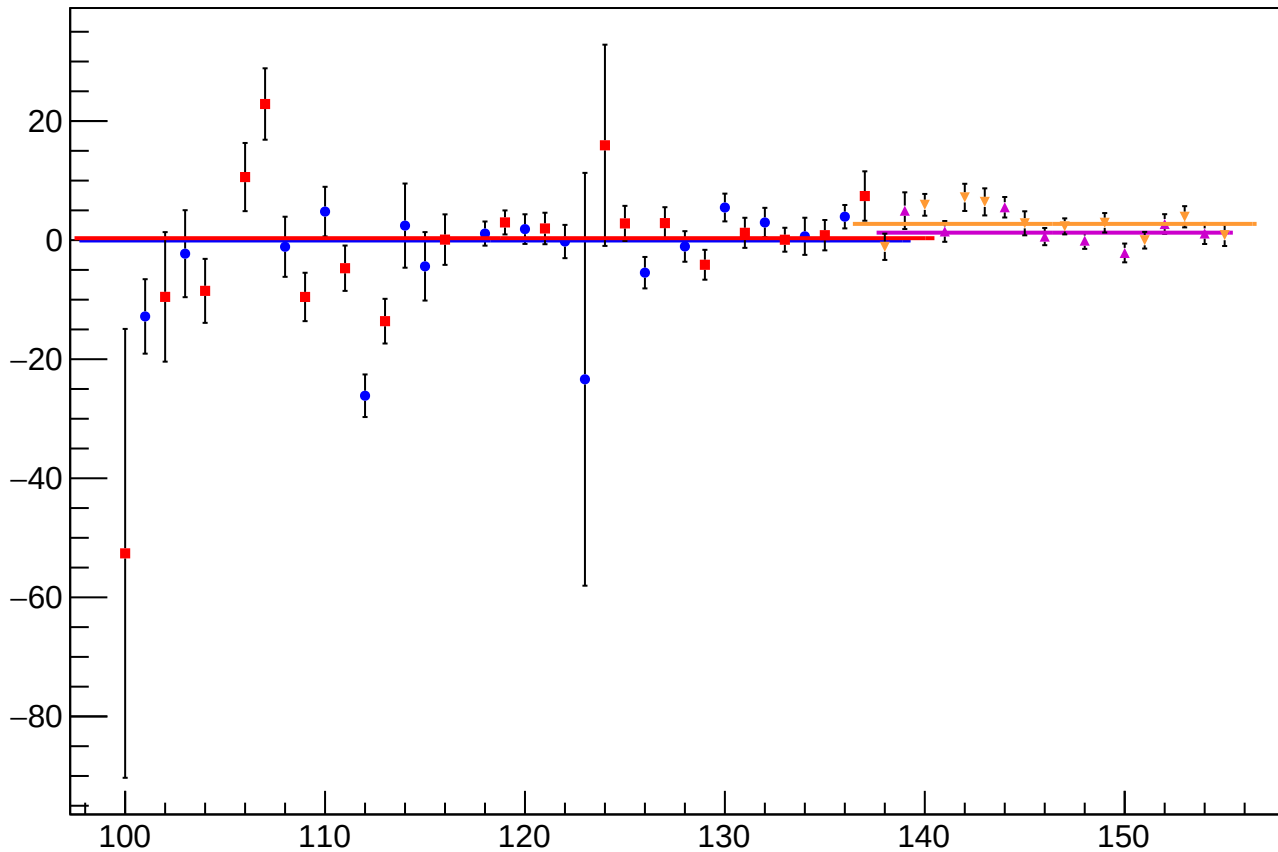
Right: 21.501+/-0.877 χ^2 /NDF: 2345.0/35

In: 32.911+/-0.603 χ^2 /NDF:1171.4/24

Out: 29.709+/-0.590 χ^2 /NDF:2576.7/28

All: 31.275+/-0.421 χ^2 /NDF: 3762.5/53

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.729 ± 0.560 χ^2/NDF : 18.1/9

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

Left In: 1.255 ± 0.591 χ^2/NDF : 14.2/7

Left: 2.032 ± 0.407 χ^2/NDF : 35.5/17

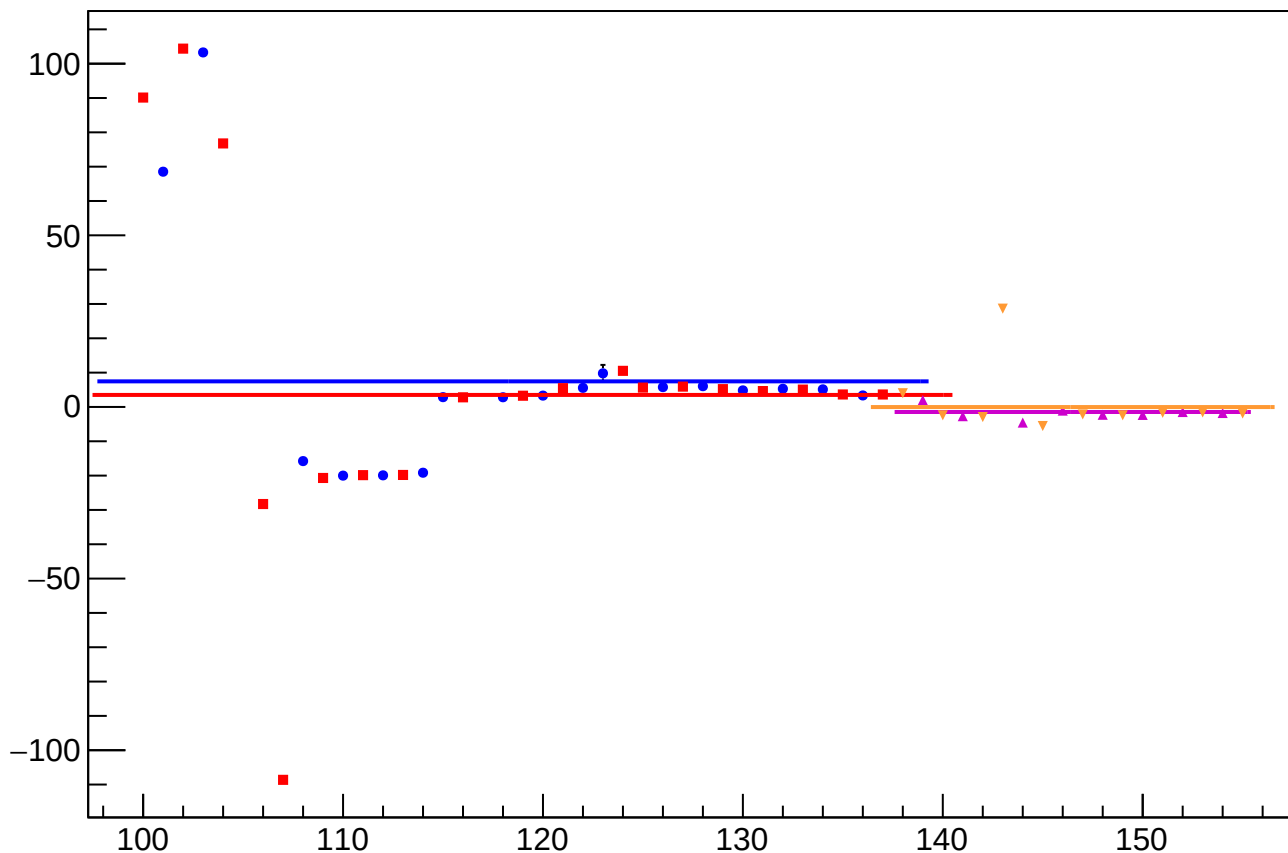
Right: 0.132 ± 0.528 χ^2/NDF : 131.8/35

In: 0.746 ± 0.463 χ^2/NDF : 92.6/24

Out: 1.868 ± 0.449 χ^2/NDF : 79.8/28

All: 1.324 ± 0.322 χ^2/NDF : 175.4/53

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Left Out: -0.032+/-0.027 χ^2/NDF : 71078.2/9

Right Out: 3.502+/-0.046 χ^2/NDF : 510579.7/18

Left In: -1.469+/-0.028 χ^2/NDF : 4151.4/7

Left: -0.729+/-0.019 χ^2/NDF : 76601.6/17

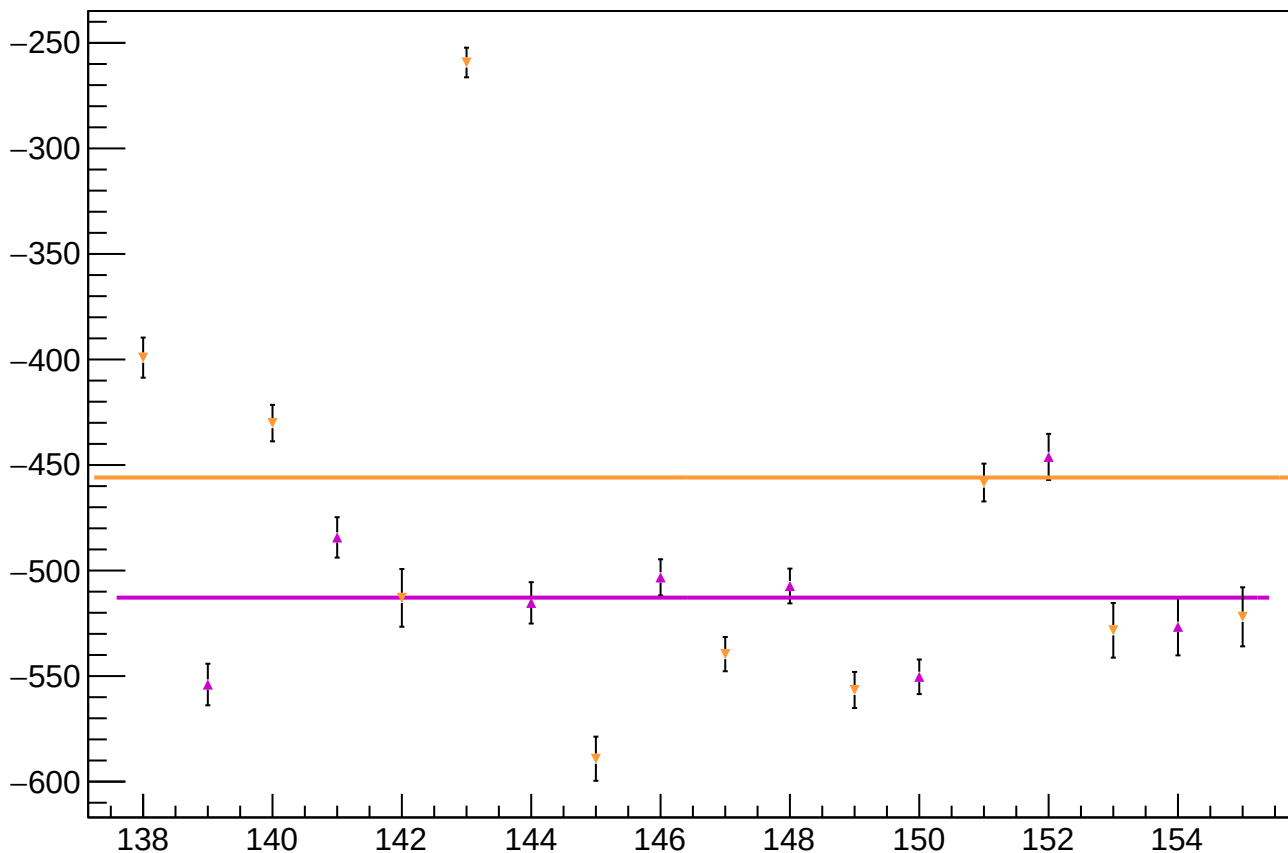
Right: 5.528+/-0.032 χ^2/NDF : 870492.1/35

In: 1.046+/-0.024 χ^2/NDF : 389182.9/24

Out: 0.887+/-0.023 χ^2/NDF : 586112.7/28

All: 0.965+/-0.017 χ^2/NDF : 975318.5/53

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: -455.922+/-2.993 χ^2/NDF :1307.4/9

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

Left In: -512.830+/-3.357 χ^2/NDF :87.5/7

Left: -481.126+/-2.234 χ^2/NDF : 1554.9/17

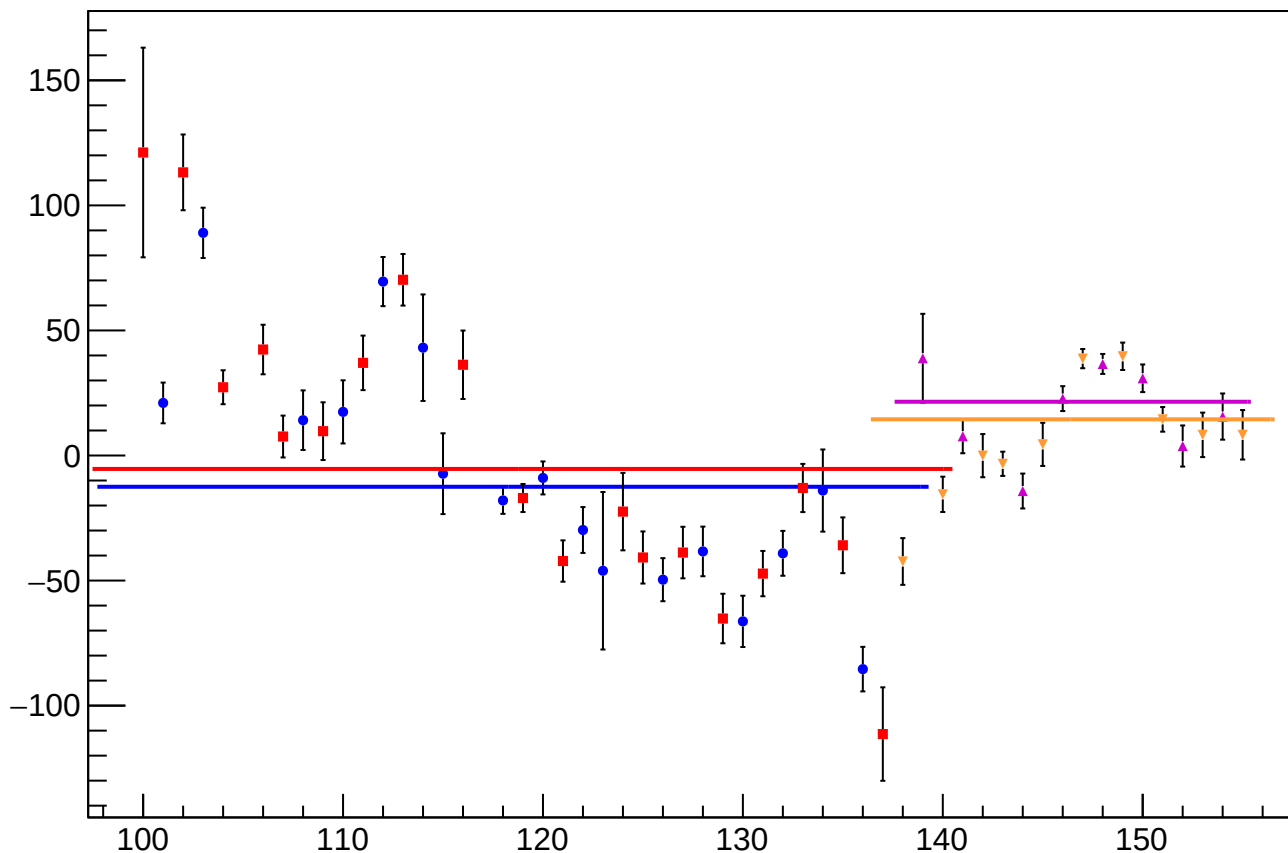
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -512.830+/-3.357 χ^2/NDF :87.5/7

Out: -455.922+/-2.993 χ^2/NDF :1307.4/9

All: -481.126+/-2.234 χ^2/NDF : 1554.9/17

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: 14.463 ± 1.939 χ^2/NDF : 134.6/9

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

Left In: 21.495 ± 2.194 χ^2/NDF : 53.6/7

Left: 17.547 ± 1.453 χ^2/NDF : 193.9/17

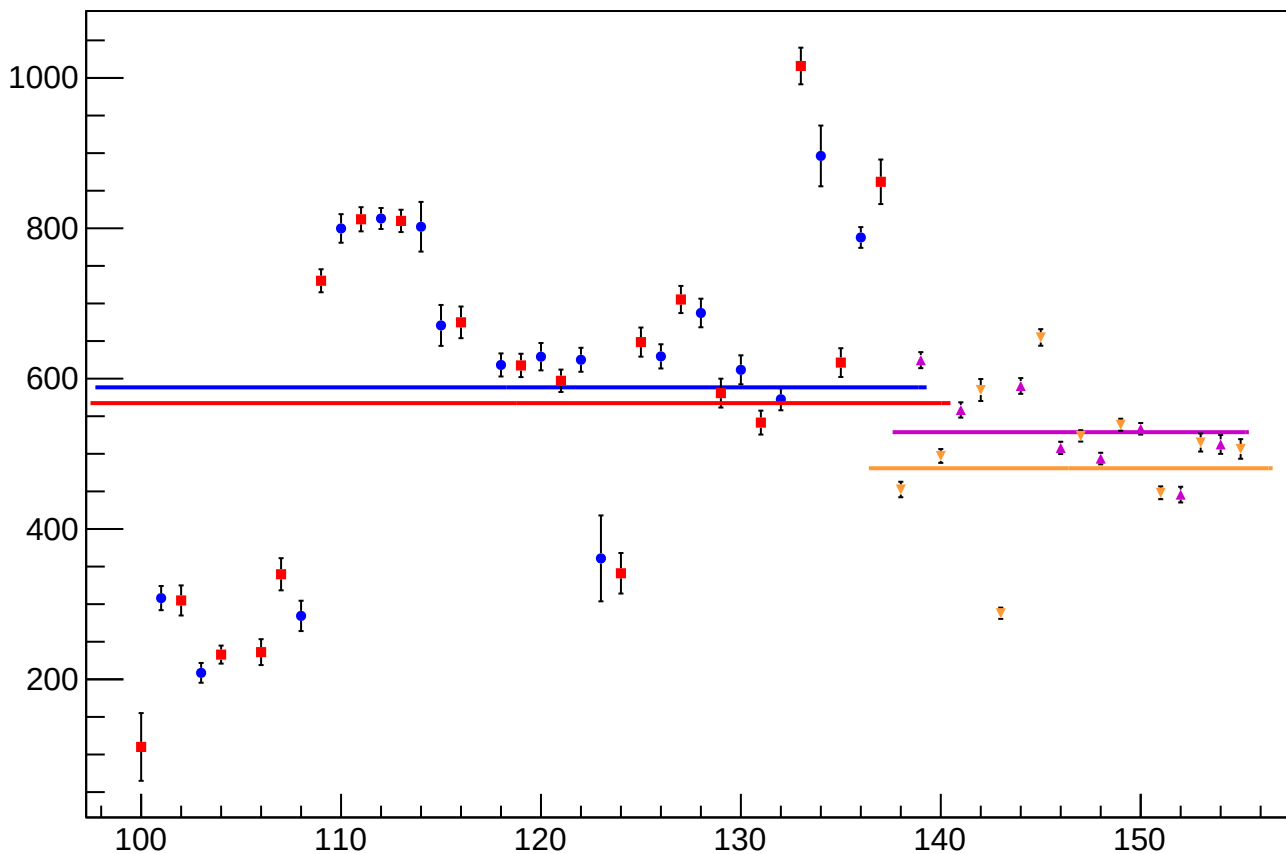
Right: -8.858 ± 1.617 χ^2/NDF : 690.5/35

In: 5.380 ± 1.591 χ^2/NDF : 508.5/24

Out: 6.075 ± 1.473 χ^2/NDF : 523.4/28

All: 5.755 ± 1.081 χ^2/NDF : 1032.0/53

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: 480.793+/-2.995 χ^2/NDF :1084.9/9

Right Out: 567.451+/-4.137 χ^2/NDF : 2784.8/18

Left In: 528.798+/-3.302 χ^2/NDF :216.0/7

Left: 502.460+/-2.218 χ^2/NDF : 1417.0/17

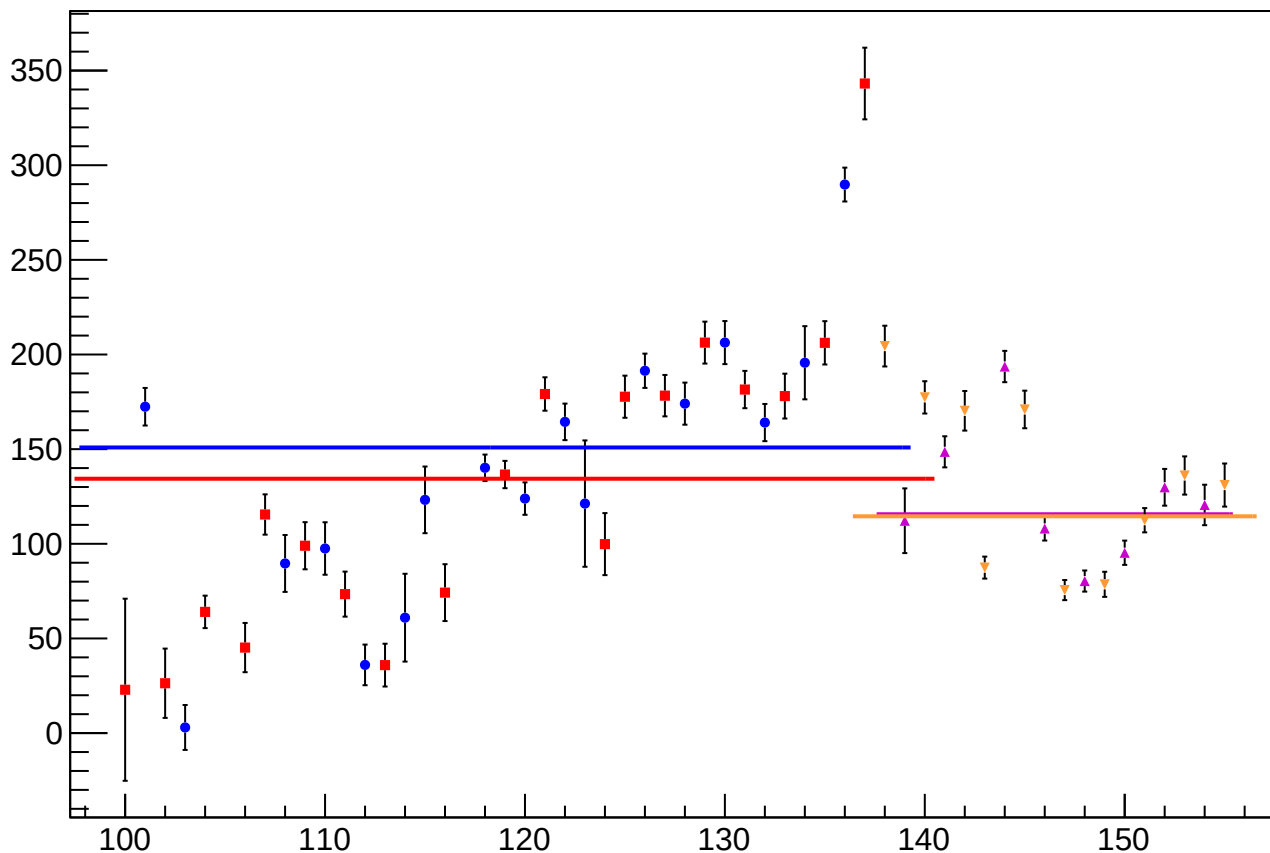
Right: 577.481+/-2.988 χ^2/NDF : 4927.3/35

In: 550.781+/-2.623 χ^2/NDF :2466.4/24

Out: 510.590+/-2.426 χ^2/NDF :4157.7/28

All: 529.115+/-1.781 χ^2/NDF : 6750.7/53

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891 $\pm$ 2.674 χ^2 /NDF: 634.8/16

Left Out: 114.531 $\pm$ 2.415 χ^2 /NDF:296.6/9

Right Out: 134.381 $\pm$ 2.620 χ^2 /NDF: 584.9/18

Left In: 115.608 $\pm$ 2.739 χ^2 /NDF:158.9/7

Left: 115.002 $\pm$ 1.812 χ^2 /NDF: 455.5/17

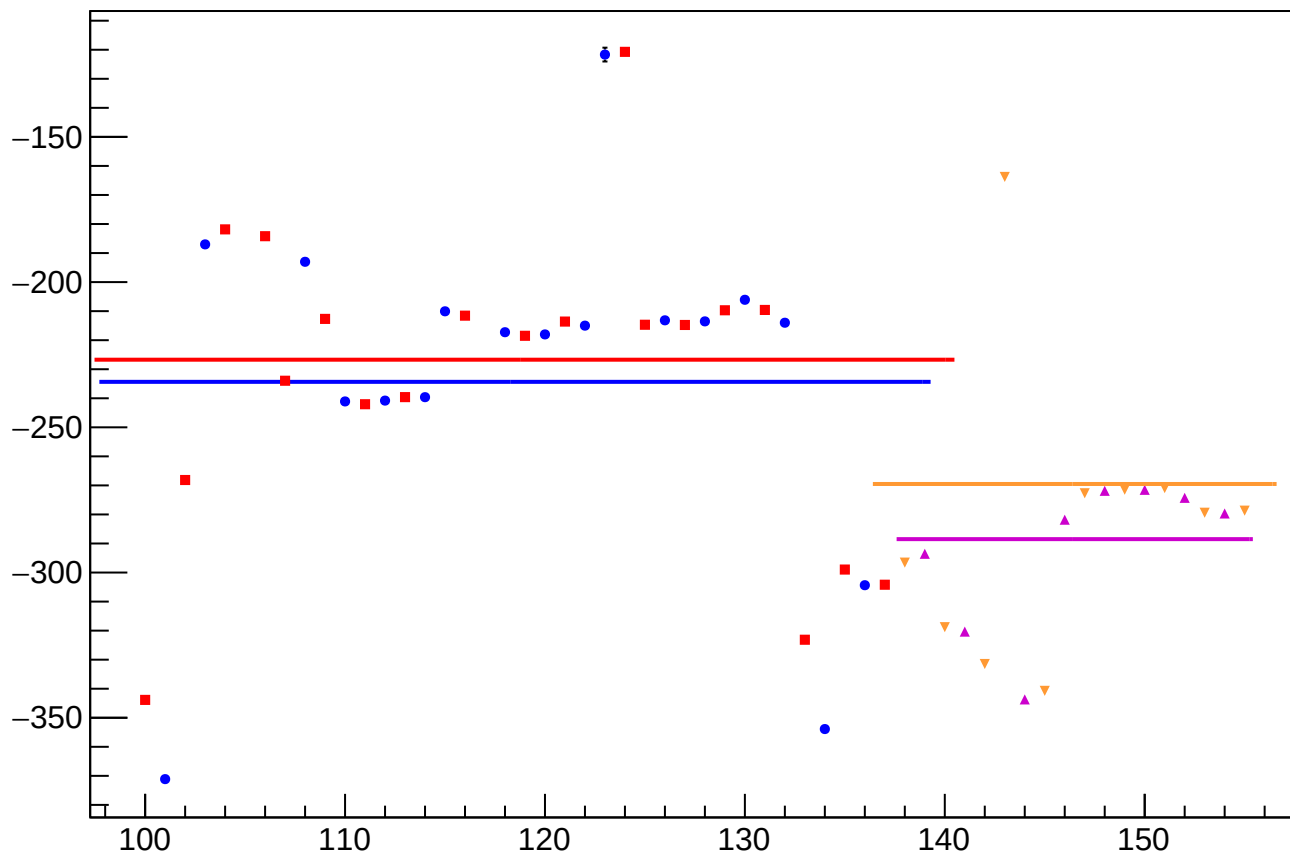
Right: 142.467 $\pm$ 1.871 χ^2 /NDF: 1239.2/35

In: 133.675 $\pm$ 1.913 χ^2 /NDF:878.6/24

Out: 123.651 $\pm$ 1.776 χ^2 /NDF:912.5/28

All: 128.289 $\pm$ 1.302 χ^2 /NDF: 1805.9/53

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -269.508+/-0.124 χ^2/NDF : 182044.8/9

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

Left In: -288.497+/-0.136 χ^2/NDF : 27790.4/7

Left: -278.130+/-0.092 χ^2/NDF : 220483.1/17

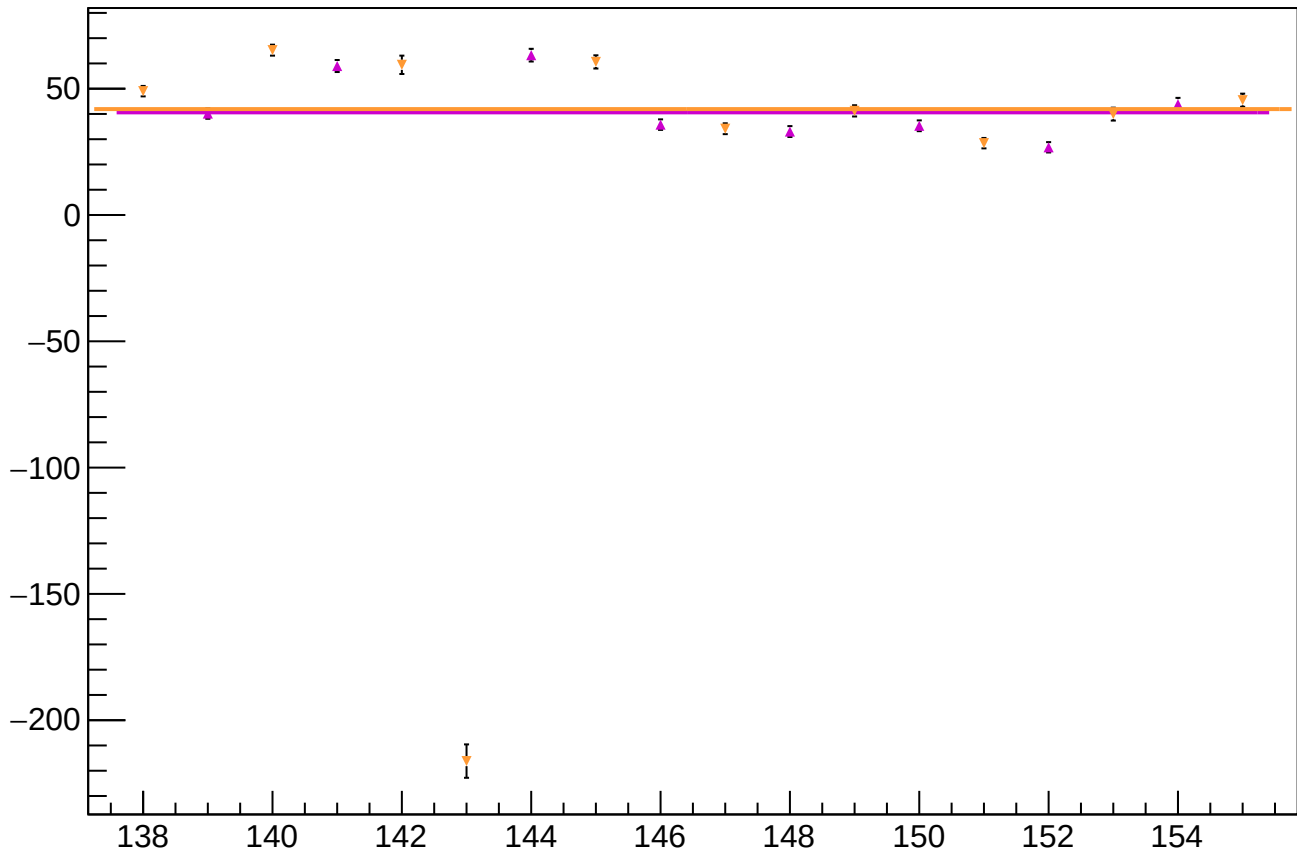
Right: -230.345+/-0.102 χ^2/NDF : 245990.9/35

In: -263.764+/-0.100 χ^2/NDF : 245402.1/24

Out: -250.895+/-0.093 χ^2/NDF : 333288.6/28

All: -256.863+/-0.068 χ^2/NDF : 587531.6/53

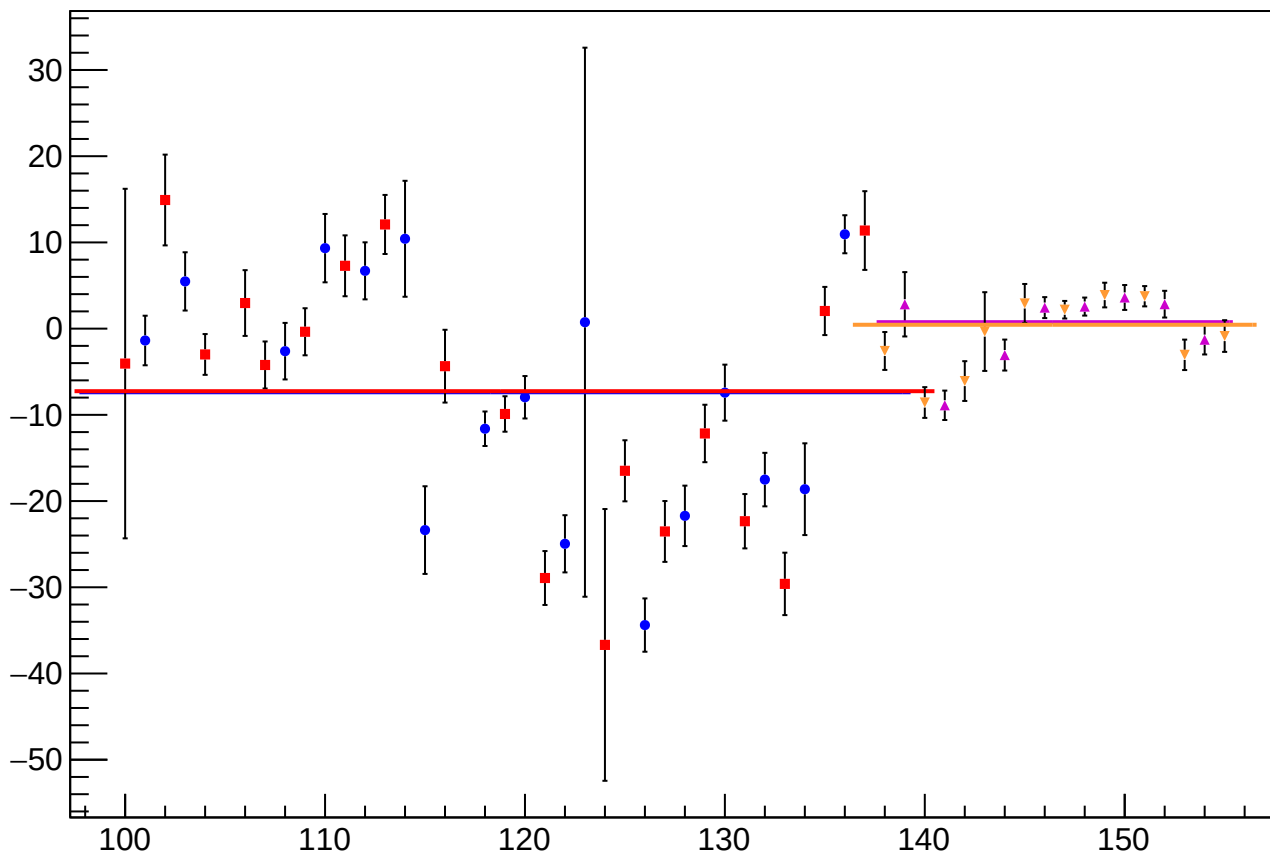
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.923+/-0.780 χ^2/NDF :1783.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.631+/-0.783 χ^2/NDF :212.0/7

Left: 41.279+/-0.552 χ^2/NDF : 1996.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.631+/-0.783 χ^2/NDF :212.0/7
 Out: 41.923+/-0.780 χ^2/NDF :1783.4/9
 All: 41.279+/-0.552 χ^2/NDF : 1996.8/17

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: 0.449 ± 0.517 χ^2/NDF : 57.8/9

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

Left In: 0.749 ± 0.530 χ^2/NDF : 48.9/7

Left: 0.595 ± 0.370 χ^2/NDF : 106.8/17

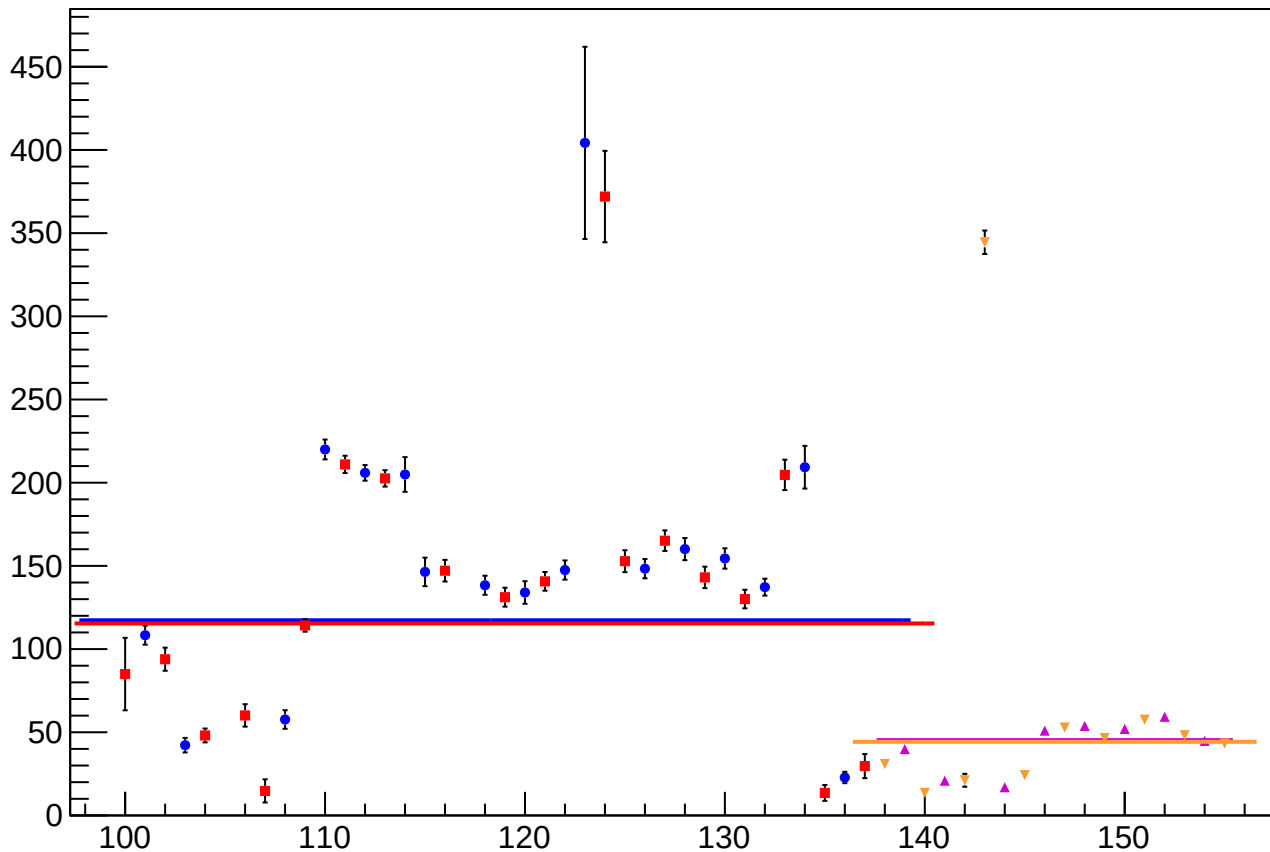
Right: -7.317 ± 0.545 χ^2/NDF : 540.9/35

In: -1.829 ± 0.438 χ^2/NDF : 406.9/24

Out: -1.979 ± 0.428 χ^2/NDF : 385.1/28

All: -1.906 ± 0.306 χ^2/NDF : 792.1/53

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 44.265 $\pm$ 0.769 χ^2 /NDF:2178.7/9

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

Left In: 45.280 $\pm$ 0.770 χ^2 /NDF:298.3/7

Left: 44.772 $\pm$ 0.544 χ^2 /NDF: 2477.9/17

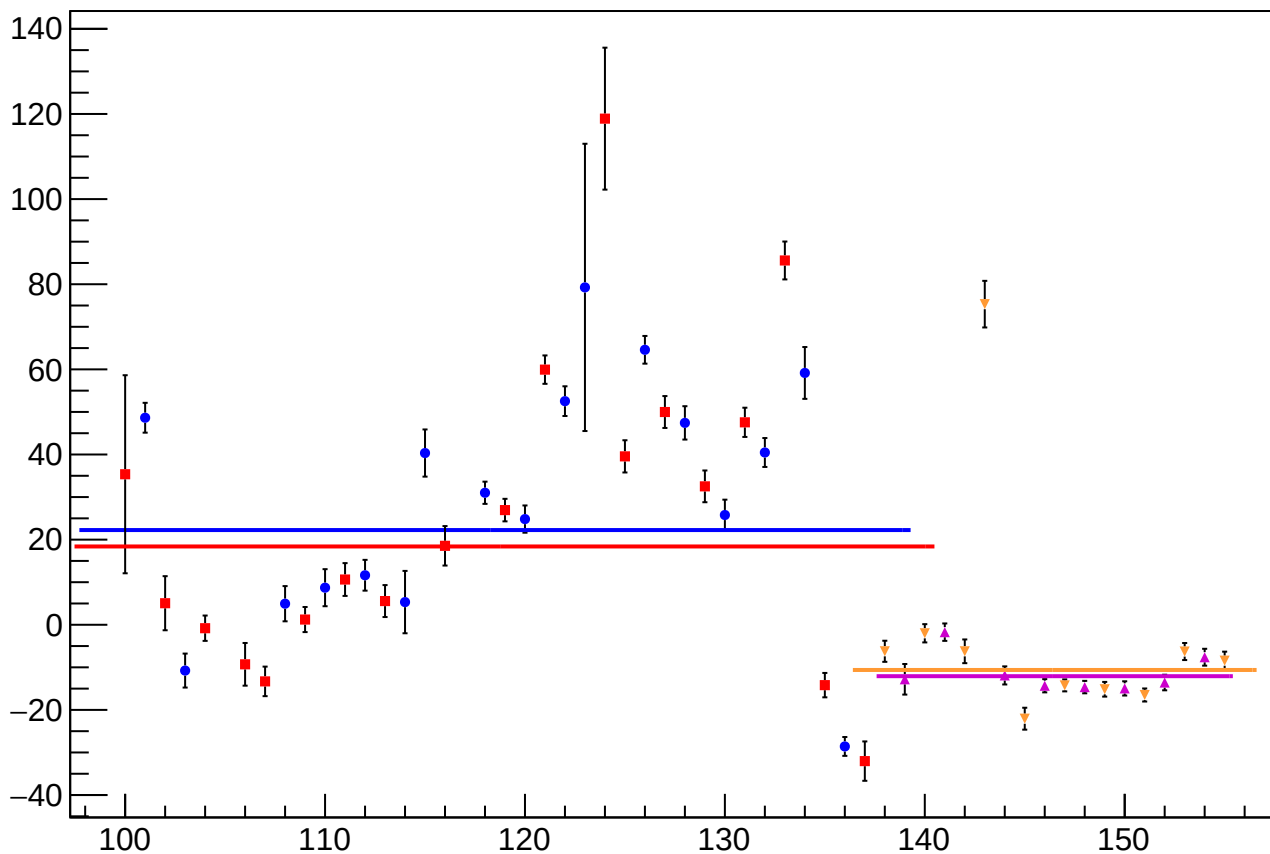
Right: 116.321 $\pm$ 0.979 χ^2 /NDF: 4312.7/35

In: 61.847 $\pm$ 0.676 χ^2 /NDF:4472.7/24

Out: 61.495 $\pm$ 0.670 χ^2 /NDF:6400.9/28

All: 61.669 $\pm$ 0.476 χ^2 /NDF: 10873.7/53

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: -10.619 ± 0.641 χ^2/NDF : 321.9/9

Right Out: 18.395 ± 0.872 χ^2/NDF : 1077.1/18

Left In: -12.080 ± 0.655 χ^2/NDF : 39.4/7

Left: -11.333 ± 0.458 χ^2/NDF : 363.9/17

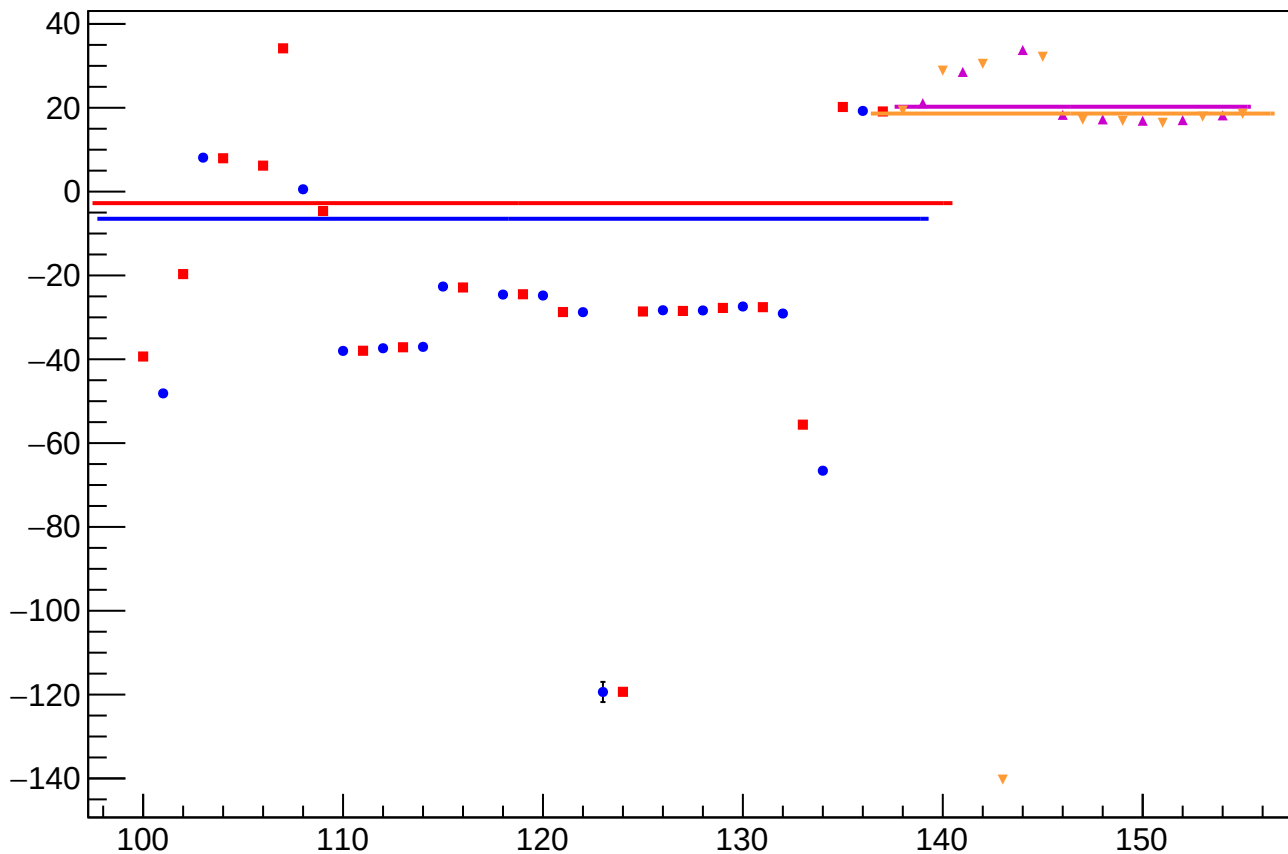
Right: 20.284 ± 0.622 χ^2/NDF : 2158.2/35

In: 0.008 ± 0.528 χ^2/NDF : 2076.7/24

Out: -0.443 ± 0.516 χ^2/NDF : 2118.1/28

All: -0.222 ± 0.369 χ^2/NDF : 4195.2/53

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482 $\pm$ 0.046 χ^2/NDF : 265804.1/16

Left Out: 18.623 $\pm$ 0.031 χ^2/NDF : 348553.9/9

Right Out: -2.751 $\pm$ 0.046 χ^2/NDF : 266291.4/18

Left In: 20.249 $\pm$ 0.031 χ^2/NDF : 25478.5/7

Left: 19.438 $\pm$ 0.022 χ^2/NDF : 375390.9/17

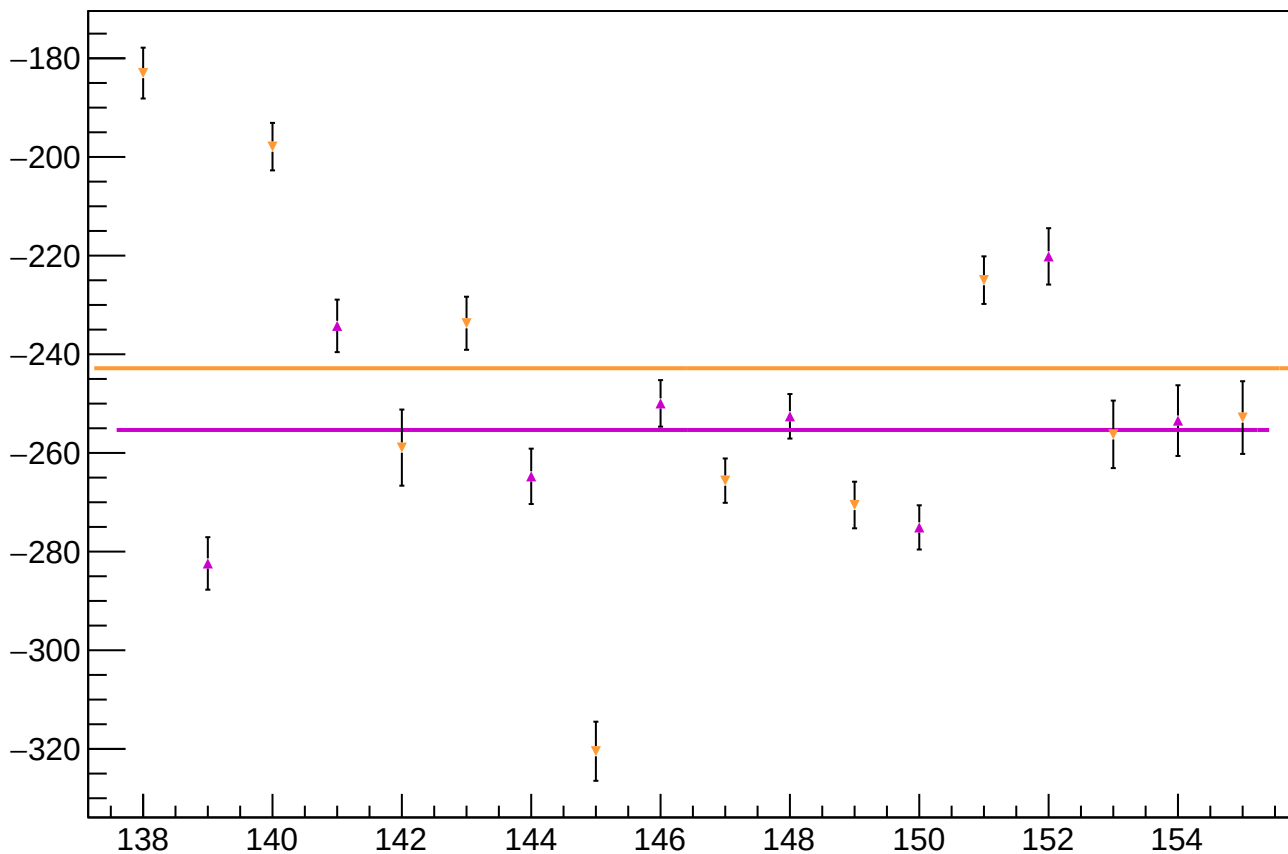
Right: -4.597 $\pm$ 0.032 χ^2/NDF : 535394.7/35

In: 11.884 $\pm$ 0.026 χ^2/NDF : 521663.4/24

Out: 11.815 $\pm$ 0.026 χ^2/NDF : 764055.7/28

All: 11.849 $\pm$ 0.018 χ^2/NDF : 1285722.7/53

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: -242.829+/-1.723 χ^2/NDF :476.6/9

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

Left In: -255.344+/-1.837 χ^2/NDF :103.5/7

Left: -248.684+/-1.257 χ^2/NDF : 604.8/17

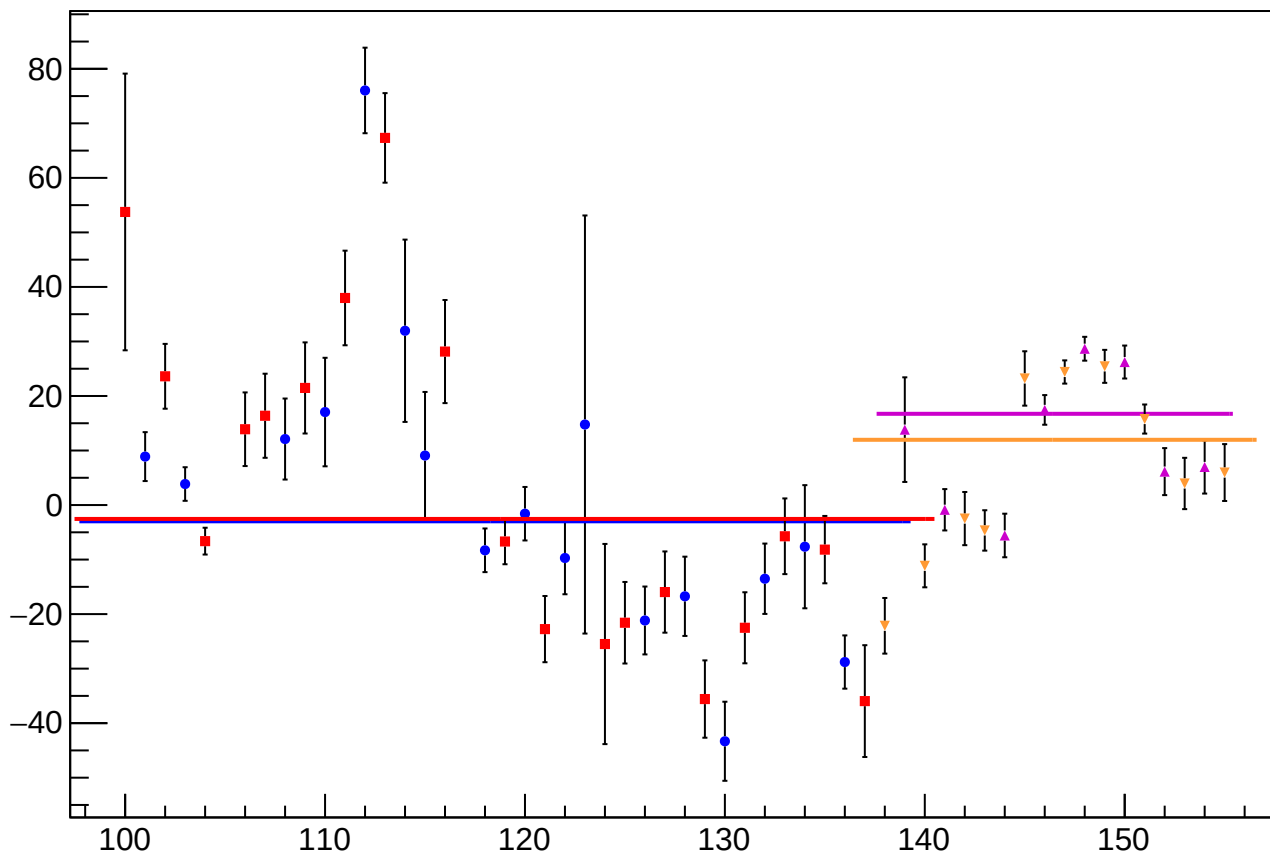
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.344+/-1.837 χ^2/NDF :103.5/7

Out: -242.829+/-1.723 χ^2/NDF :476.6/9

All: -248.684+/-1.257 χ^2/NDF : 604.8/17

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: 11.966 ± 1.111 χ^2/NDF : 173.3/9

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

Left In: 16.732 ± 1.201 χ^2/NDF : 102.6/7

Left: 14.163 ± 0.816 χ^2/NDF : 284.3/17

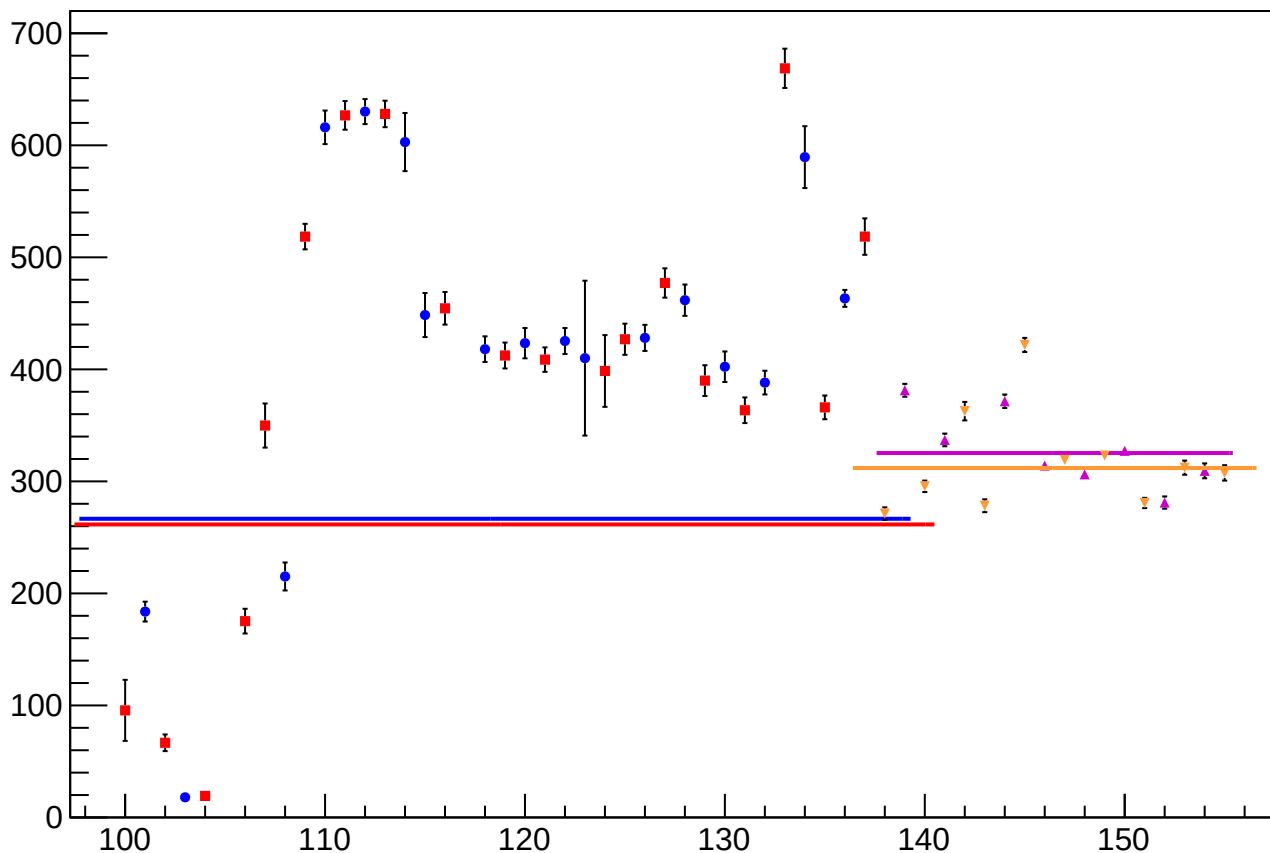
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: 8.710 ± 0.925 χ^2/NDF : 416.0/24

Out: 6.350 ± 0.870 χ^2/NDF : 457.4/28

All: 7.458 ± 0.634 χ^2/NDF : 876.9/53

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 311.921 $\pm$ 1.711 χ^2 /NDF:495.9/9

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

Left In: 325.313 $\pm$ 1.804 χ^2 /NDF:255.6/7

Left: 318.261 $\pm$ 1.242 χ^2 /NDF: 780.5/17

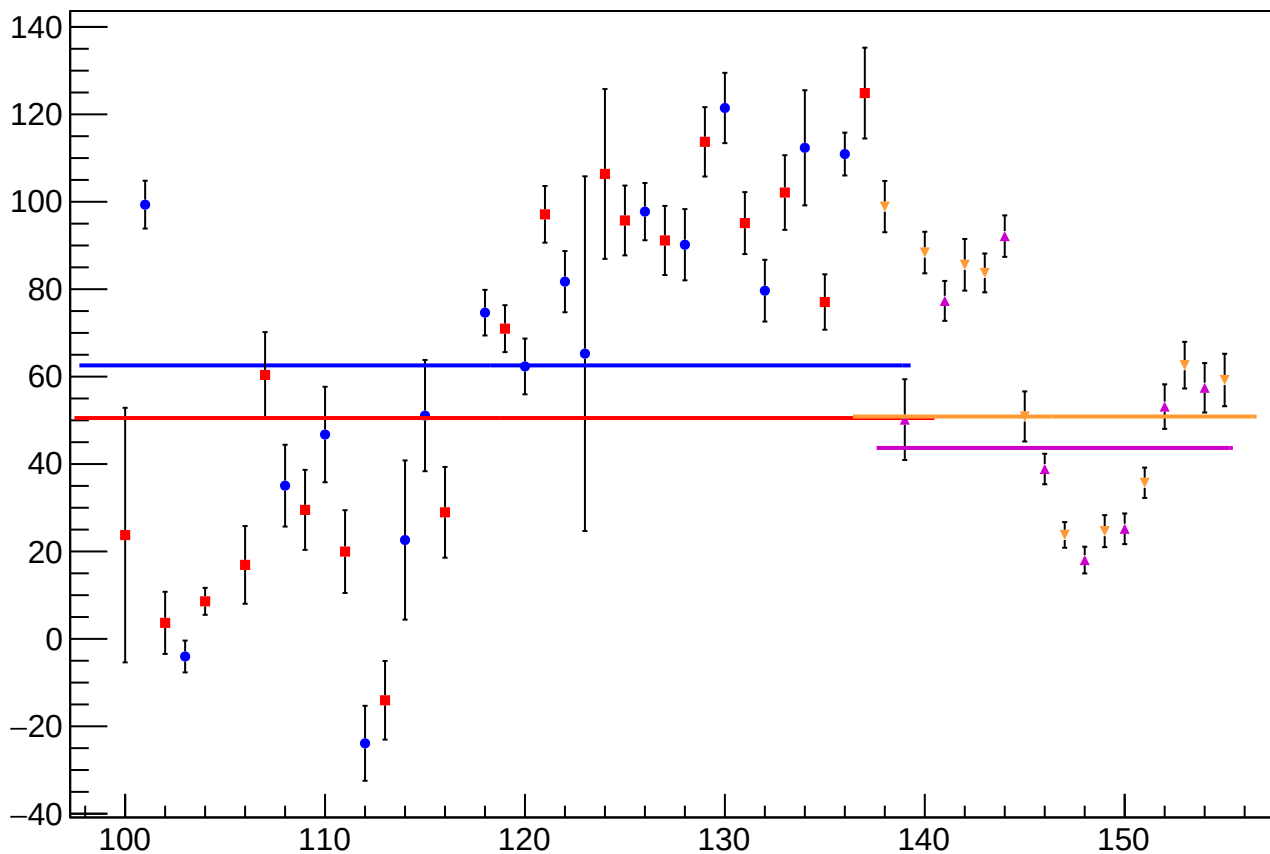
Right: 264.068 $\pm$ 1.745 χ^2 /NDF: 15873.0/35

In: 304.967 $\pm$ 1.459 χ^2 /NDF:8285.0/24

Out: 295.479 $\pm$ 1.404 χ^2 /NDF:8987.1/28

All: 300.043 $\pm$ 1.012 χ^2 /NDF: 17294.0/53

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 50.868 $\pm$ 1.388 χ^2 /NDF:380.5/9

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

Left In: 43.683 $\pm$ 1.500 χ^2 /NDF:268.6/7

Left: 47.555 $\pm$ 1.019 χ^2 /NDF: 661.5/17

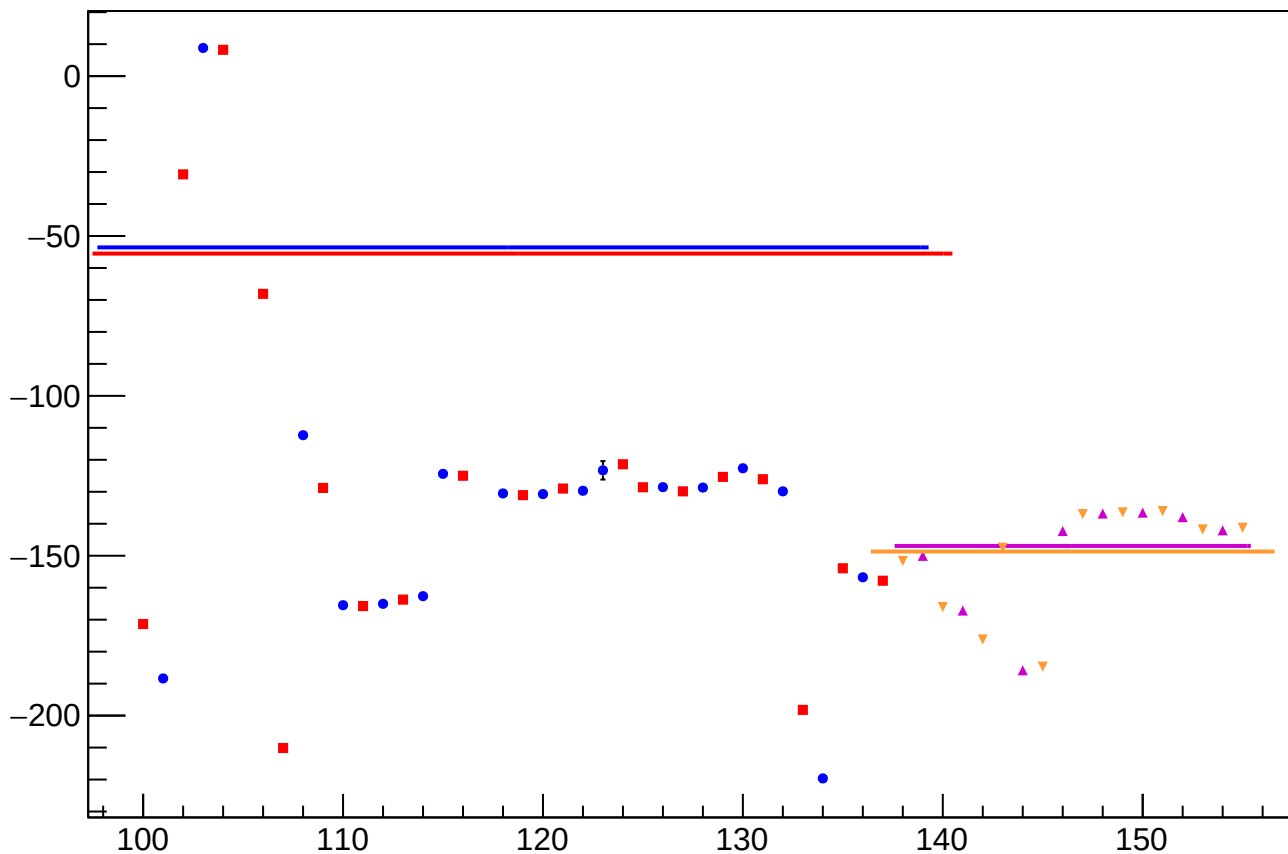
Right: 56.420 $\pm$ 1.174 χ^2 /NDF: 1405.7/35

In: 52.071 $\pm$ 1.118 χ^2 /NDF:1061.4/24

Out: 50.726 $\pm$ 1.060 χ^2 /NDF:1037.6/28

All: 51.362 $\pm$ 0.769 χ^2 /NDF: 2099.7/53

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567 $\pm$ 0.070 χ^2 /NDF: 1230233.3/16

Left Out: -148.688 $\pm$ 0.071 χ^2 /NDF: 47538.1/9

Right Out: -55.502 $\pm$ 0.072 χ^2 /NDF: 969632.0/18

Left In: -146.939 $\pm$ 0.074 χ^2 /NDF: 39090.0/7

Left: -147.853 $\pm$ 0.051 χ^2 /NDF: 86918.9/17

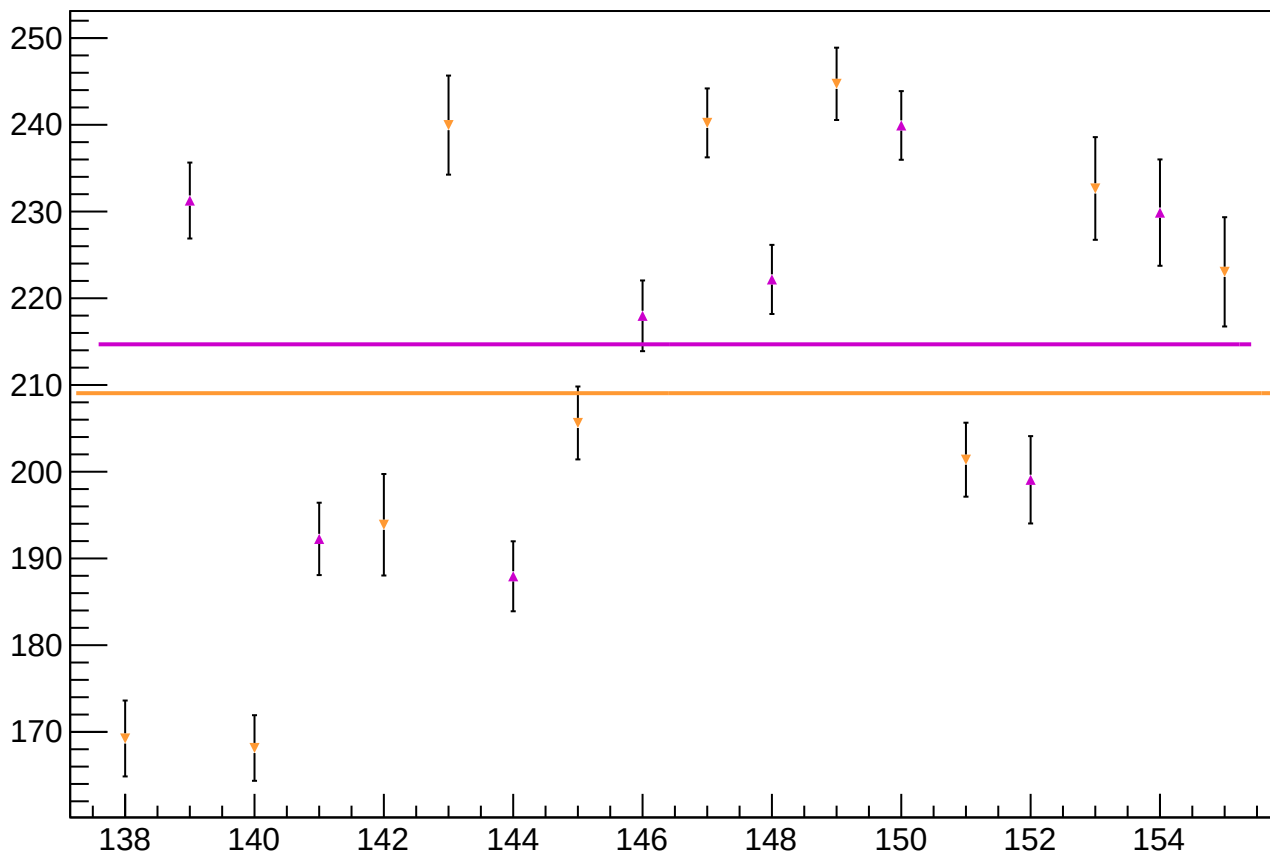
Right: -54.512 $\pm$ 0.050 χ^2 /NDF: 2200235.7/35

In: -97.751 $\pm$ 0.051 χ^2 /NDF: 2104738.1/24

Out: -102.772 $\pm$ 0.050 χ^2 /NDF: 1869089.6/28

All: -100.288 $\pm$ 0.036 χ^2 /NDF: 3978722.9/53

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: 209.056+/-1.462 χ^2/NDF :395.2/9

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

Left In: 214.690+/-1.536 χ^2/NDF :147.8/7

Left: 211.734+/-1.059 χ^2/NDF : 550.0/17

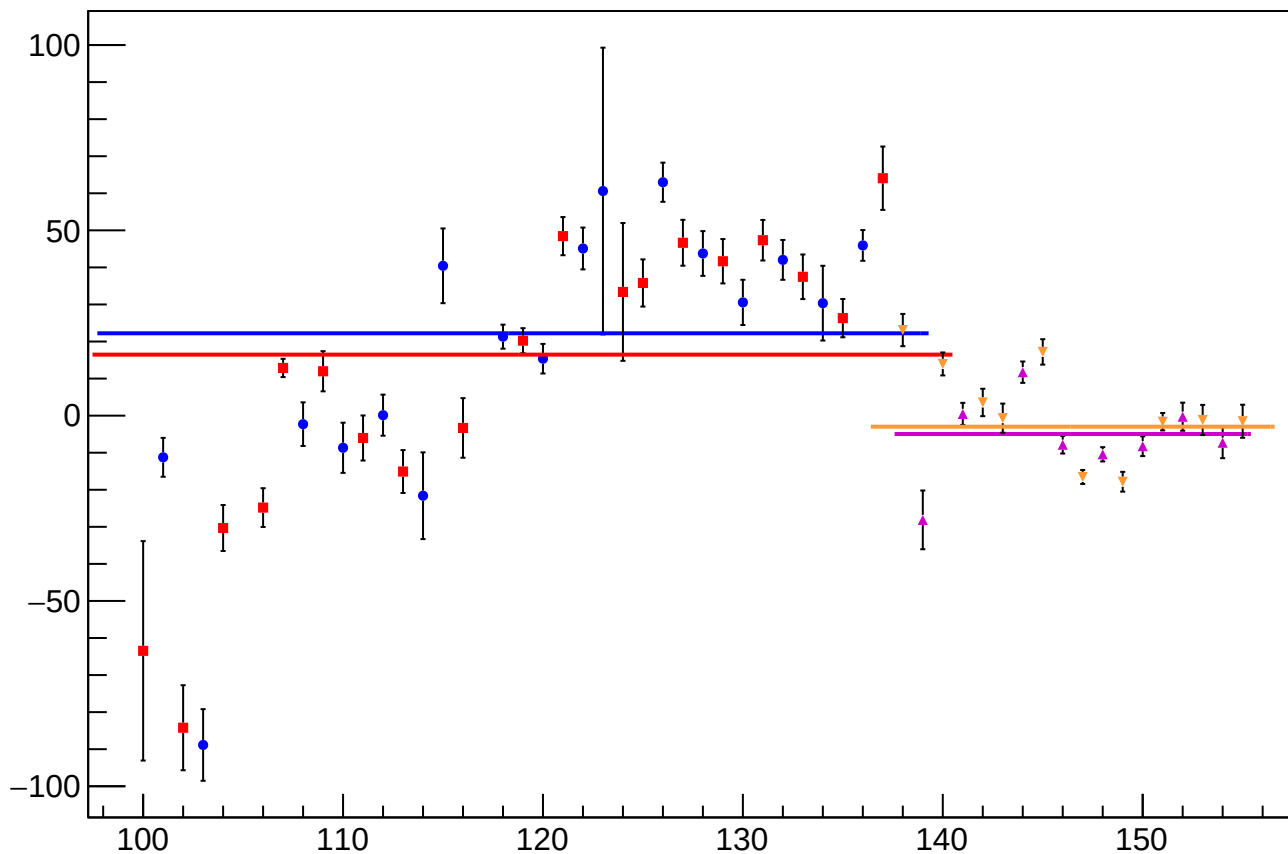
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 214.690+/-1.536 χ^2/NDF :147.8/7

Out: 209.056+/-1.462 χ^2/NDF :395.2/9

All: 211.734+/-1.059 χ^2/NDF : 550.0/17

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221 $\pm$ 1.374 χ^2 /NDF: 385.6/16

Left Out: -2.975 $\pm$ 0.957 χ^2 /NDF:187.3/9

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

Left In: -4.951 $\pm$ 1.020 χ^2 /NDF:58.2/7

Left: -3.900 $\pm$ 0.698 χ^2 /NDF: 247.5/17

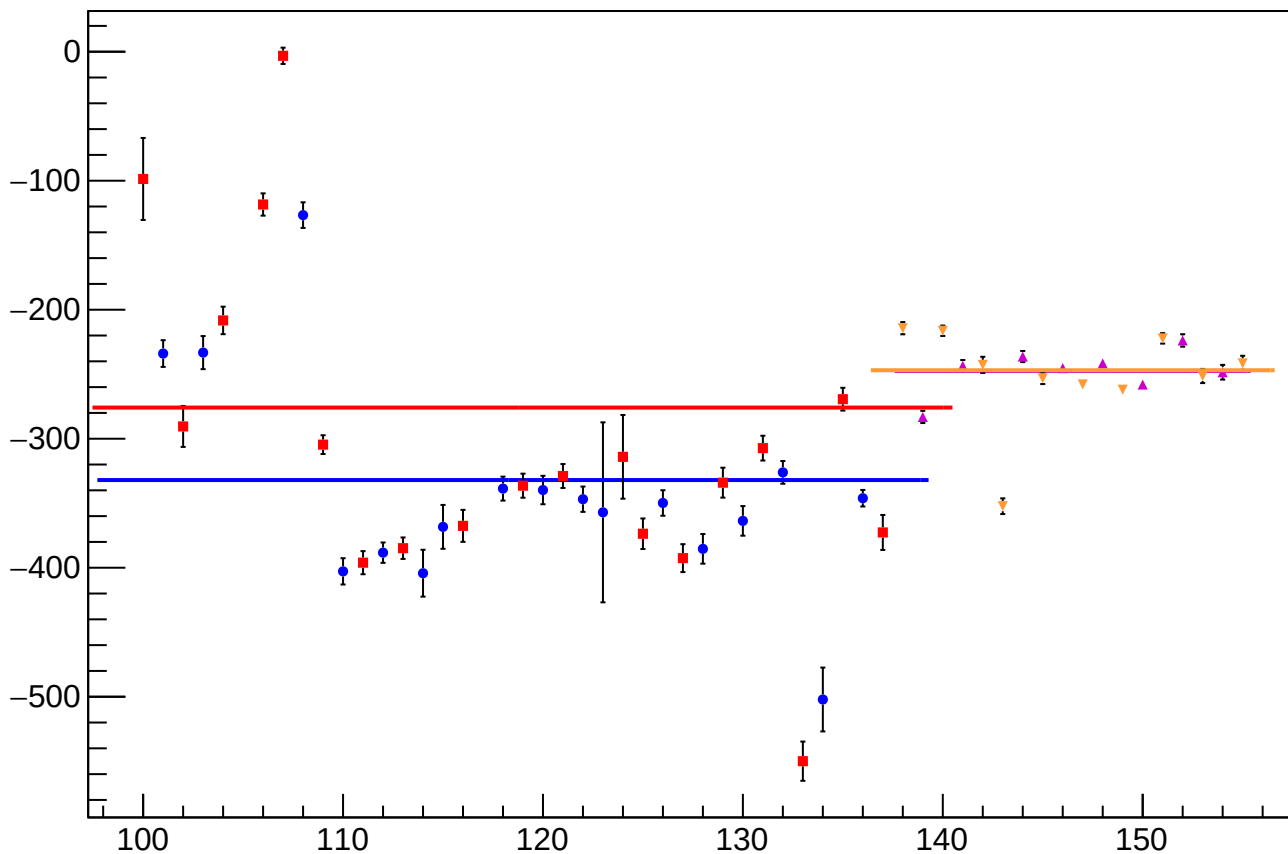
Right: 19.025 $\pm$ 0.916 χ^2 /NDF: 821.2/35

In: 4.704 $\pm$ 0.819 χ^2 /NDF:696.0/24

Out: 4.356 $\pm$ 0.755 χ^2 /NDF:768.9/28

All: 4.516 $\pm$ 0.555 χ^2 /NDF: 1465.1/53

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037 $\pm$ 2.562 χ^2 /NDF: 784.9/16

Left Out: -246.919 $\pm$ 1.459 χ^2 /NDF: 468.5/9

Right Out: -275.853 $\pm$ 2.324 χ^2 /NDF: 3362.8/18

Left In: -247.477 $\pm$ 1.519 χ^2 /NDF: 99.0/7

Left: -247.187 $\pm$ 1.052 χ^2 /NDF: 567.6/17

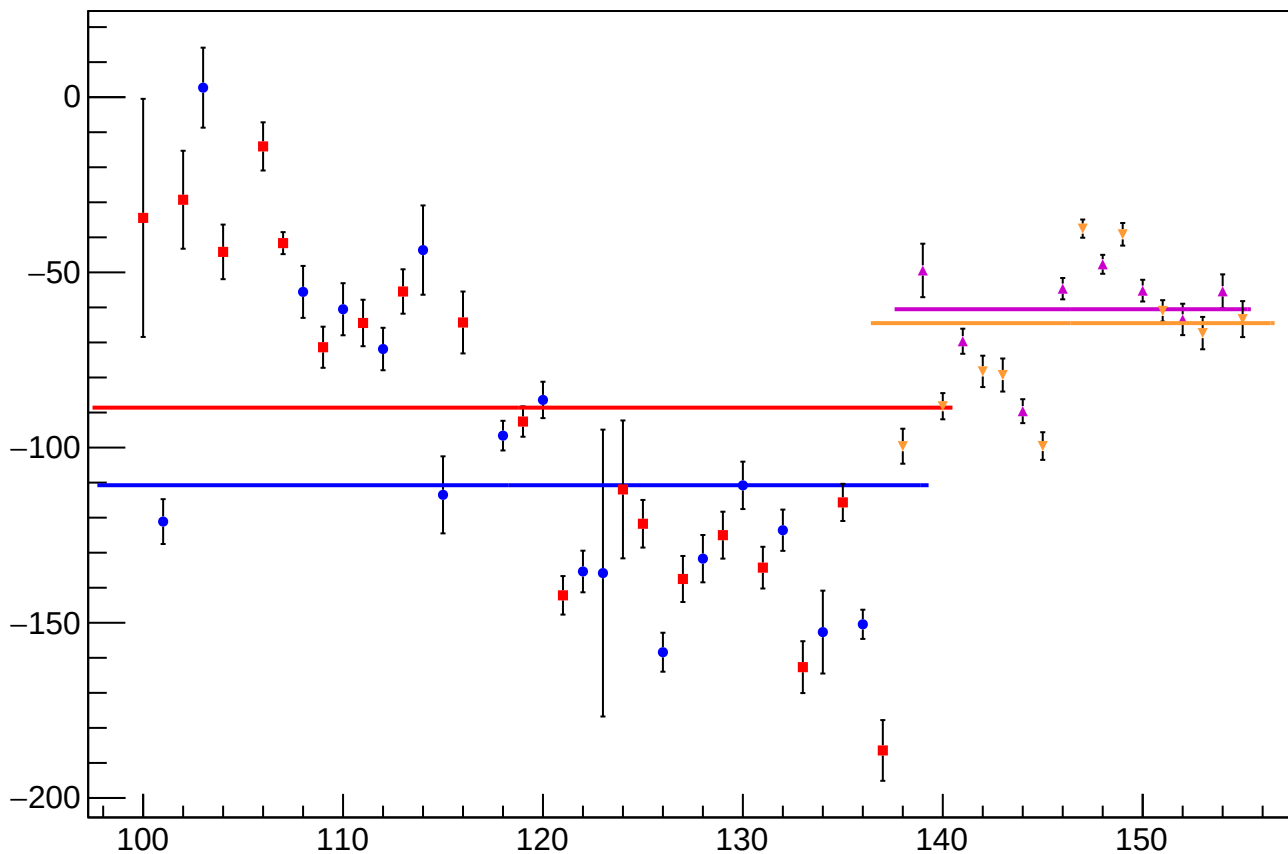
Right: -301.220 $\pm$ 1.721 χ^2 /NDF: 4411.6/35

In: -269.473 $\pm$ 1.307 χ^2 /NDF: 1690.0/24

Out: -255.095 $\pm$ 1.236 χ^2 /NDF: 3942.5/28

All: -261.882 $\pm$ 0.898 χ^2 /NDF: 5696.4/53

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: -64.483+/-1.190 χ^2/NDF : 359.2/9

Right Out: -88.600+/-1.435 χ^2/NDF : 969.7/18

Left In: -60.518+/-1.267 χ^2/NDF : 111.9/7

Left: -62.625+/-0.868 χ^2/NDF : 476.3/17

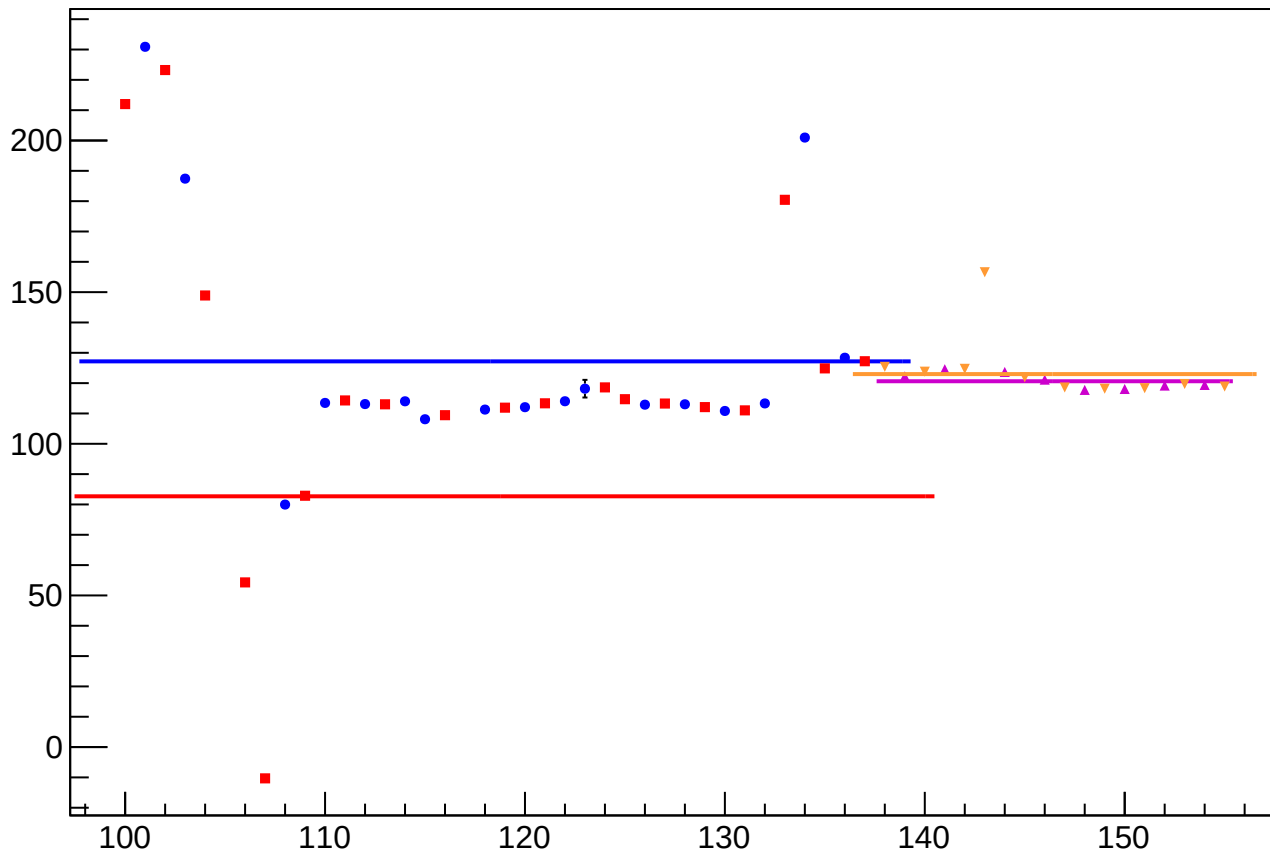
Right: -98.623+/-1.061 χ^2/NDF : 1591.0/35

In: -80.216+/-0.988 χ^2/NDF : 1241.5/24

Out: -74.316+/-0.916 χ^2/NDF : 1496.3/28

All: -77.043+/-0.672 χ^2/NDF : 2756.9/53

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 122.983 $\pm$ 0.060 χ^2 /NDF: 21903.3/9

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

Left In: 120.624 $\pm$ 0.062 χ^2 /NDF: 1532.9/7

Left: 121.844 $\pm$ 0.043 χ^2 /NDF: 24176.1/17

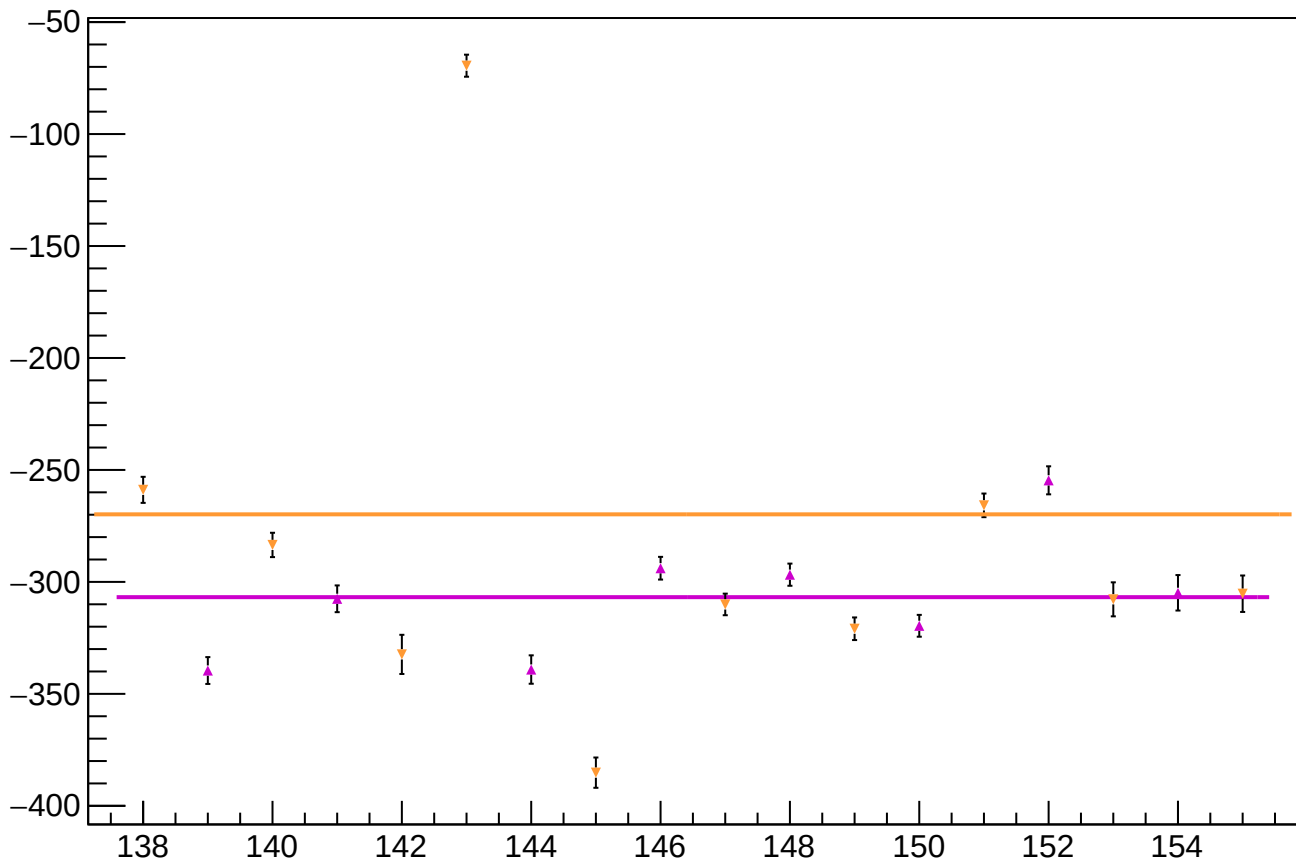
Right: 101.242 $\pm$ 0.057 χ^2 /NDF: 1099401.9/35

In: 122.783 $\pm$ 0.051 χ^2 /NDF: 193220.3/24

Out: 107.249 $\pm$ 0.047 χ^2 /NDF: 962209.7/28

All: 114.378 $\pm$ 0.035 χ^2 /NDF: 1205452.5/53

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -269.829+/-1.856 χ^2/NDF :2224.4/9

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

Left In: -306.813+/-2.025 χ^2/NDF :142.9/7

Left: -286.719+/-1.368 χ^2/NDF : 2548.5/17

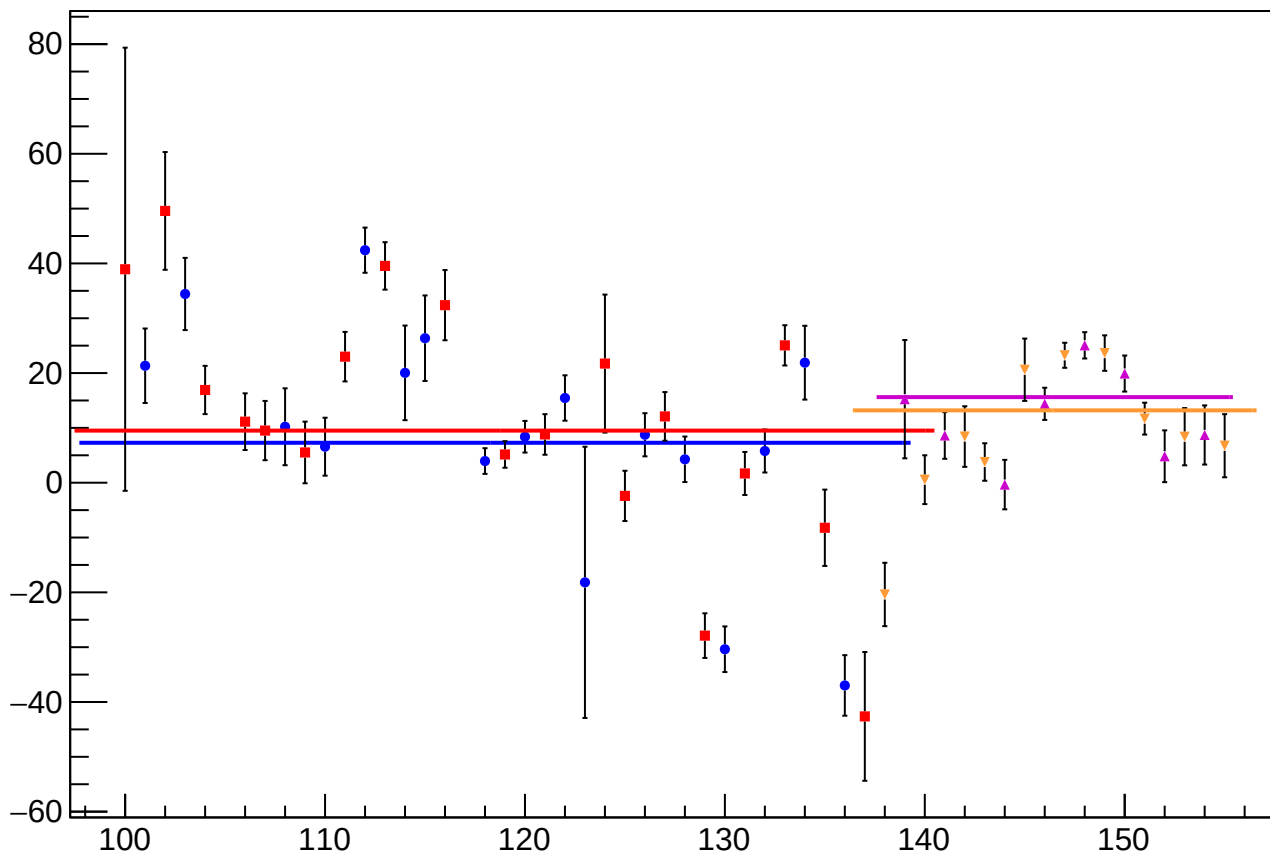
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -306.813+/-2.025 χ^2/NDF :142.9/7

Out: -269.829+/-1.856 χ^2/NDF :2224.4/9

All: -286.719+/-1.368 χ^2/NDF : 2548.5/17

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284 $\pm$ 1.084 χ^2 /NDF: 261.0/16

Left Out: 13.197 $\pm$ 1.194 χ^2 /NDF:84.0/9

Right Out: 9.505 $\pm$ 1.074 χ^2 /NDF: 231.5/18

Left In: 15.614 $\pm$ 1.320 χ^2 /NDF:39.4/7

Left: 14.284 $\pm$ 0.885 χ^2 /NDF: 125.2/17

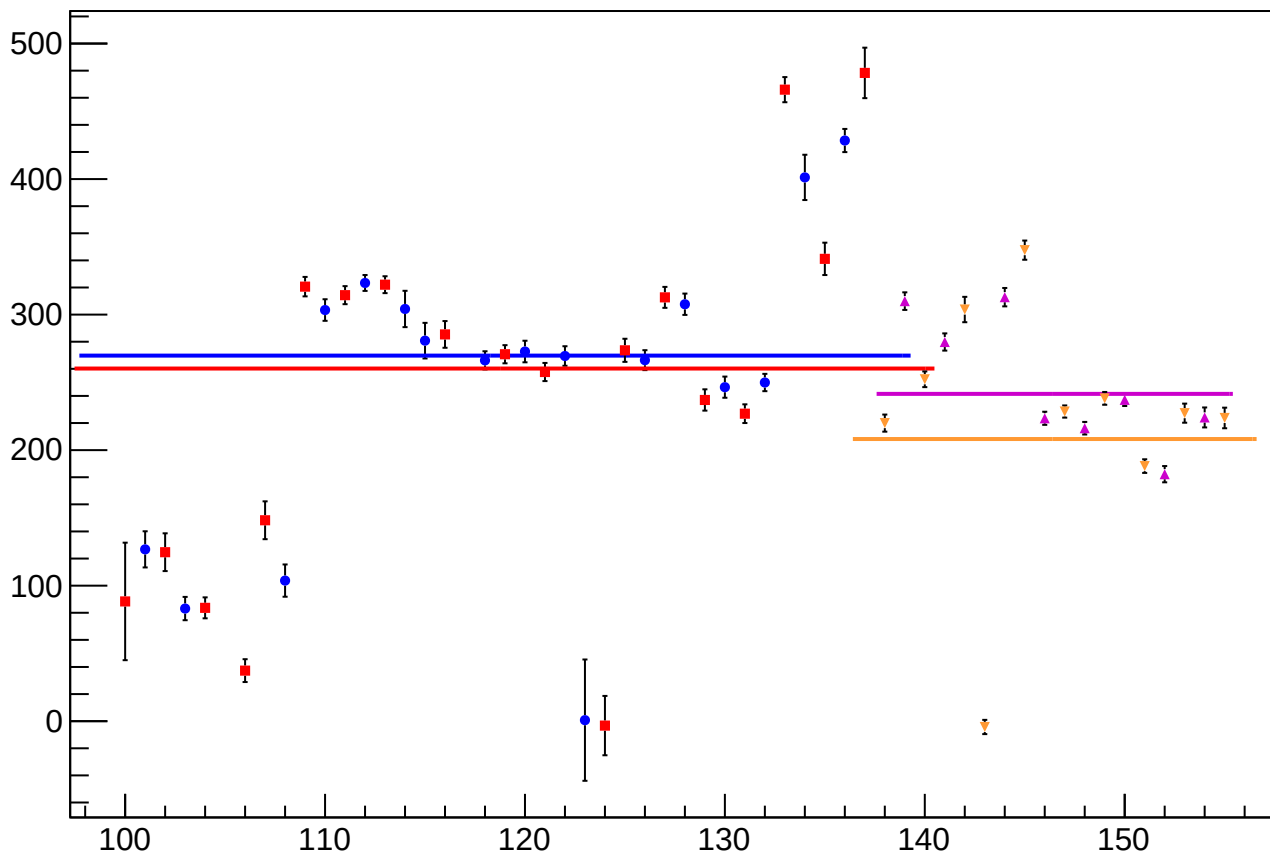
Right: 8.404 $\pm$ 0.763 χ^2 /NDF: 494.7/35

In: 10.638 $\pm$ 0.837 χ^2 /NDF:324.2/24

Out: 11.157 $\pm$ 0.799 χ^2 /NDF:320.8/28

All: 10.910 $\pm$ 0.578 χ^2 /NDF: 645.2/53

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 208.196 $\pm$ 1.845 χ^2 /NDF:2275.2/9

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

Left In: 241.507 $\pm$ 1.985 χ^2 /NDF:405.9/7

Left: 223.631 $\pm$ 1.351 χ^2 /NDF: 2832.2/17

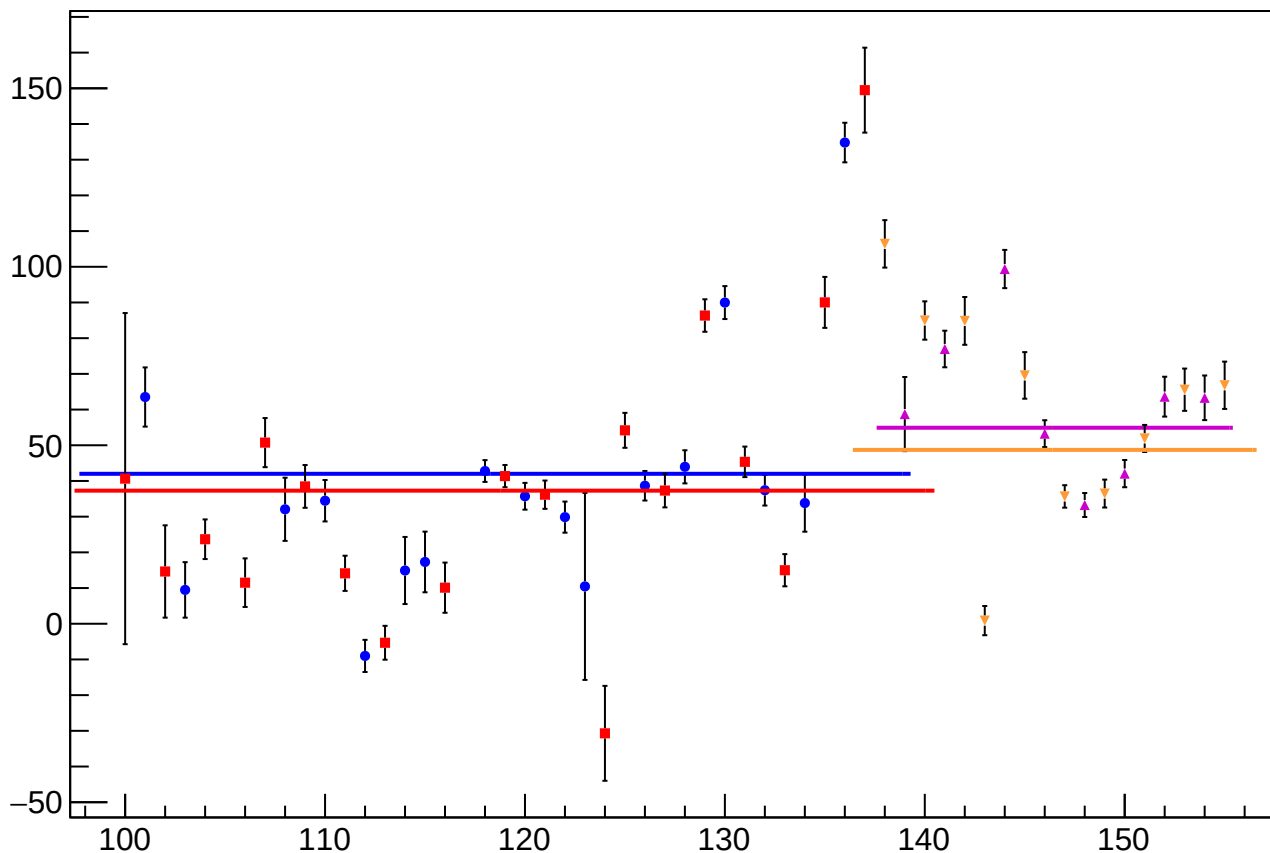
Right: 264.757 $\pm$ 1.430 χ^2 /NDF: 3926.7/35

In: 255.030 $\pm$ 1.433 χ^2 /NDF:1876.8/24

Out: 232.395 $\pm$ 1.349 χ^2 /NDF:5186.6/28

All: 243.027 $\pm$ 0.982 χ^2 /NDF: 7195.6/53

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006 ± 1.255 $\chi^2/\text{NDF}: 575.6/16$

Left Out: 48.707 ± 1.491 $\chi^2/\text{NDF}: 340.2/9$

Right Out: 37.284 ± 1.237 $\chi^2/\text{NDF}: 472.6/18$

Left In: 54.908 ± 1.649 $\chi^2/\text{NDF}: 144.9/7$

Left: 51.496 ± 1.106 $\chi^2/\text{NDF}: 492.9/17$

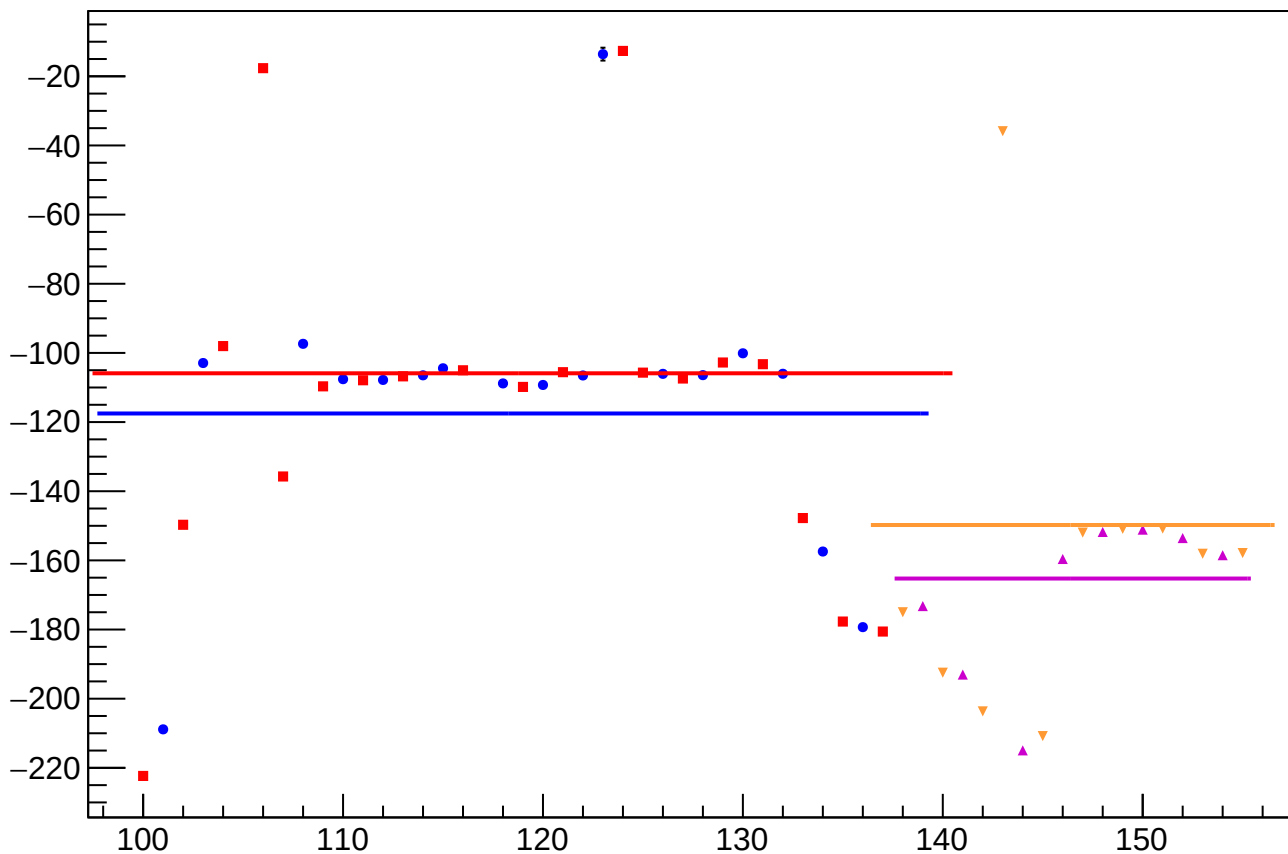
Right: 39.611 ± 0.881 $\chi^2/\text{NDF}: 1055.4/35$

In: 46.742 ± 0.999 $\chi^2/\text{NDF}: 759.2/24$

Out: 41.943 ± 0.952 $\chi^2/\text{NDF}: 847.6/28$

All: 44.227 ± 0.689 $\chi^2/\text{NDF}: 1618.9/53$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516 $\pm$ 0.078 χ^2 /NDF: 142016.6/16

Left Out: -149.770 $\pm$ 0.076 χ^2 /NDF: 401951.0/9

Right Out: -105.892 $\pm$ 0.073 χ^2 /NDF: 324304.4/18

Left In: -165.252 $\pm$ 0.082 χ^2 /NDF: 54490.8/7

Left: -156.993 $\pm$ 0.056 χ^2 /NDF: 475588.9/17

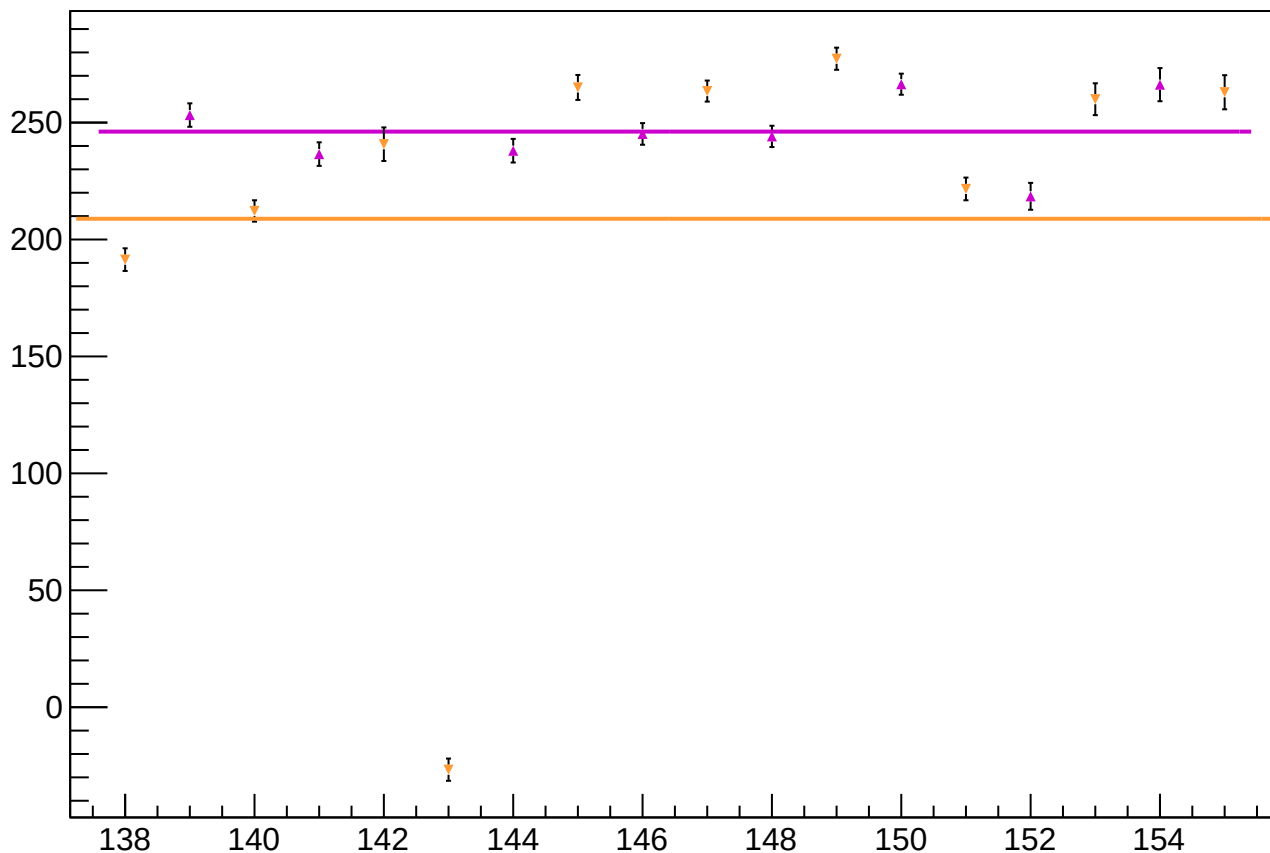
Right: -111.303 $\pm$ 0.053 χ^2 /NDF: 478188.8/35

In: -140.274 $\pm$ 0.056 χ^2 /NDF: 375061.4/24

Out: -126.765 $\pm$ 0.053 χ^2 /NDF: 899066.8/28

All: -133.061 $\pm$ 0.039 χ^2 /NDF: 1304734.0/53

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: 208.873+/-1.653 χ^2/NDF :3073.9/9

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

Left In: 246.141+/-1.789 χ^2/NDF :59.9/7

Left: 226.034+/-1.214 χ^2/NDF : 3368.0/17

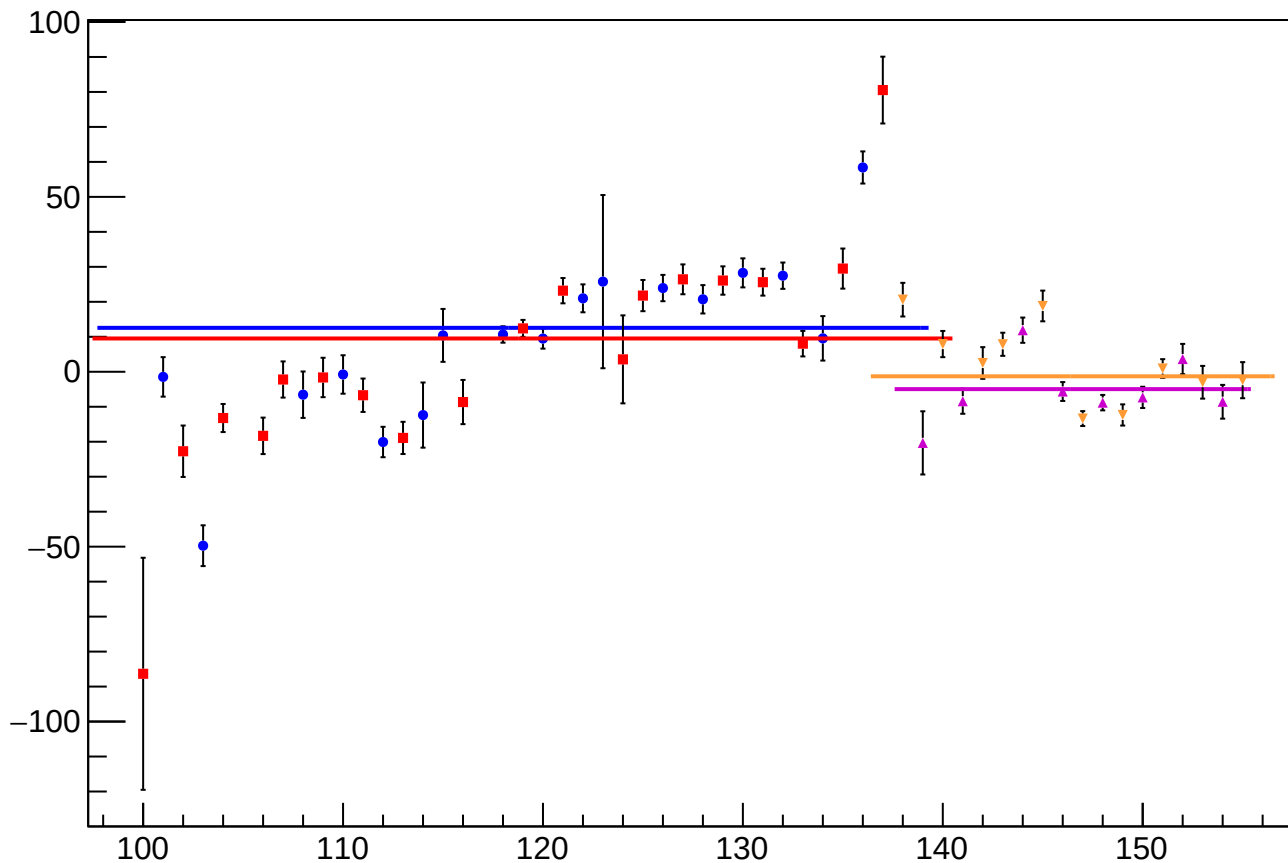
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.141+/-1.789 χ^2/NDF :59.9/7

Out: 208.873+/-1.653 χ^2/NDF :3073.9/9

All: 226.034+/-1.214 χ^2/NDF : 3368.0/17

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: -1.295 ± 1.079 χ^2/NDF : 102.5/9

Right Out: 9.519 ± 1.051 χ^2/NDF : 296.2/18

Left In: -4.961 ± 1.184 χ^2/NDF : 33.9/7

Left: -2.959 ± 0.798 χ^2/NDF : 141.5/17

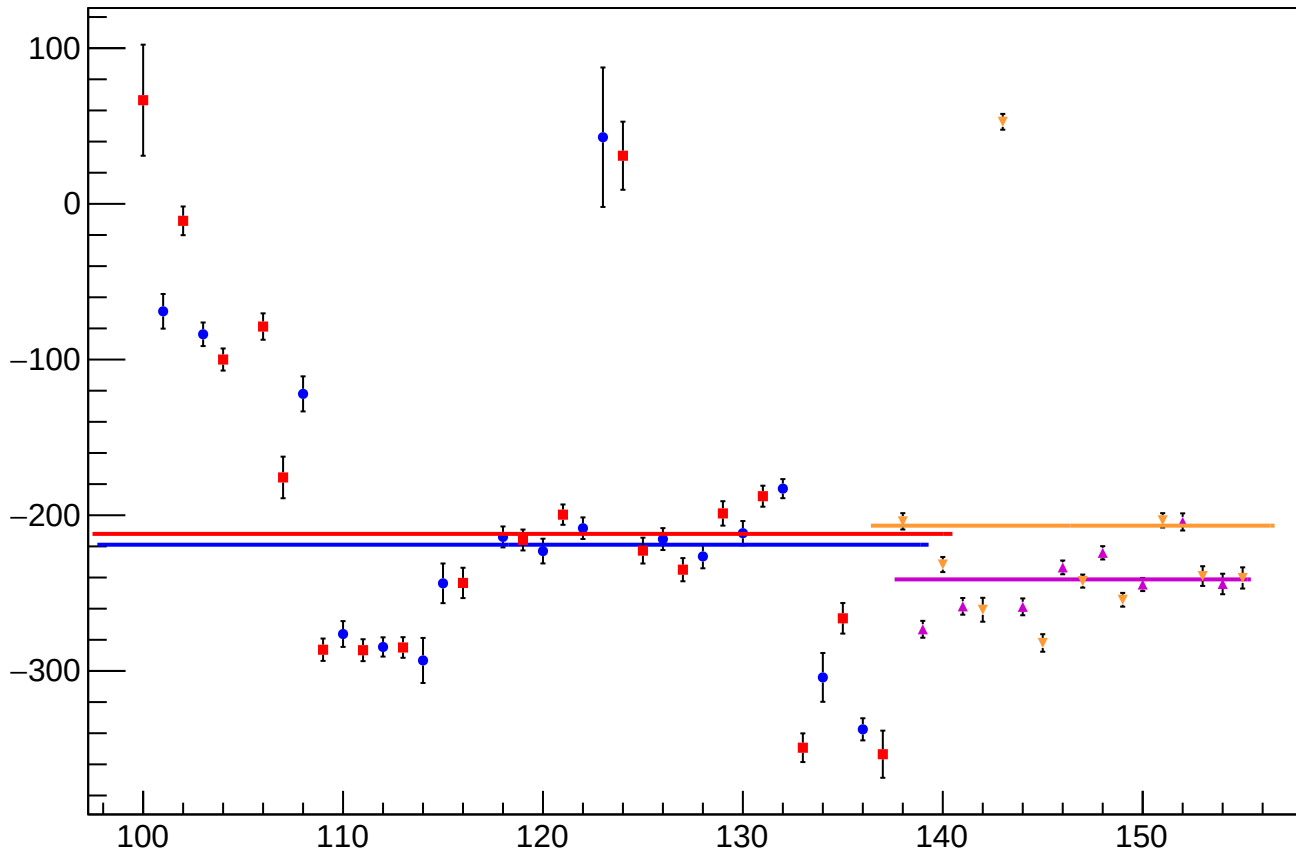
Right: 11.033 ± 0.745 χ^2/NDF : 648.2/35

In: 4.803 ± 0.788 χ^2/NDF : 503.6/24

Out: 4.259 ± 0.753 χ^2/NDF : 450.3/28

All: 4.518 ± 0.544 χ^2/NDF : 954.1/53

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925 +/- 2.006 χ^2/NDF : 1146.6/16

Left Out: -206.678 +/- 1.651 χ^2/NDF : 3105.6/9

Right Out: -211.968 +/- 1.924 χ^2/NDF : 1886.2/18

Left In: -241.197 +/- 1.764 χ^2/NDF : 120.6/7

Left: -222.791 +/- 1.206 χ^2/NDF : 3430.3/17

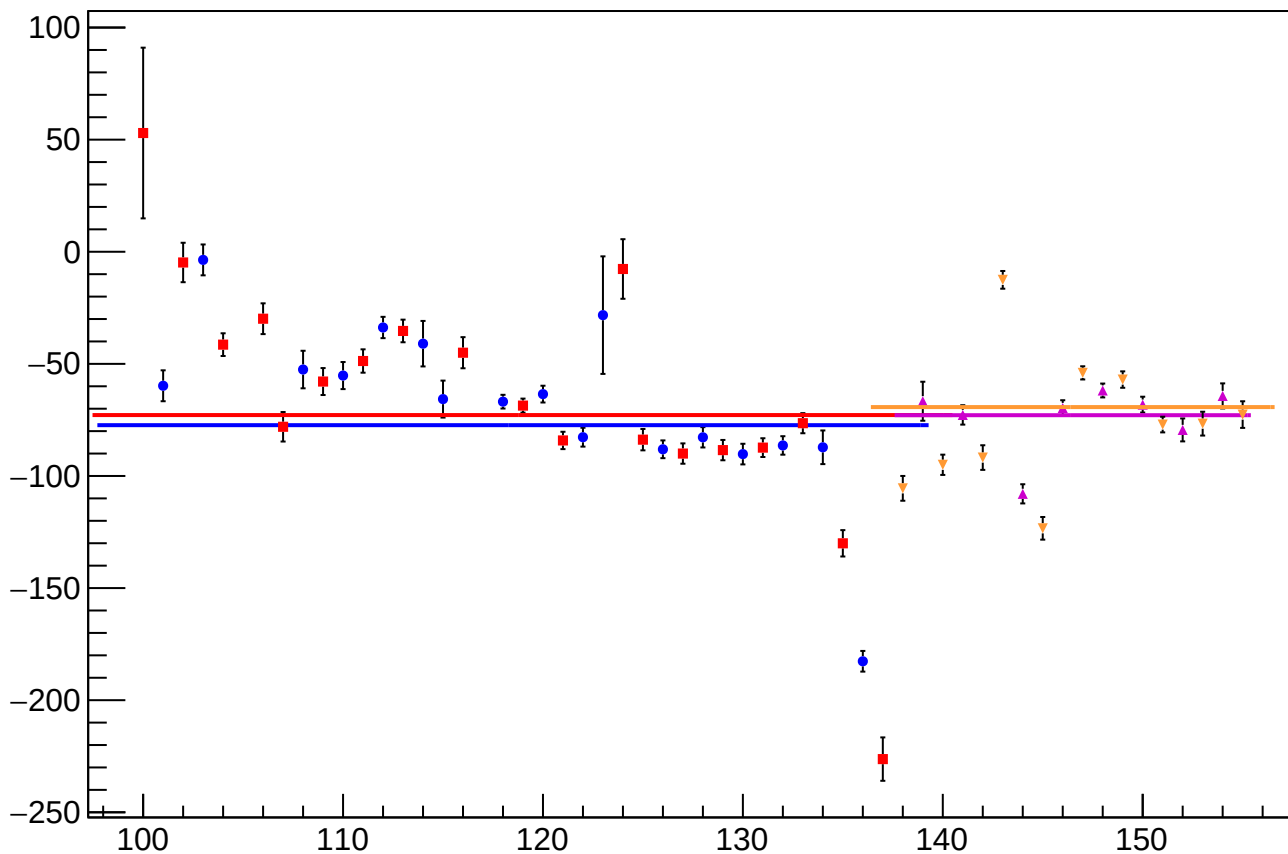
Right: -215.302 +/- 1.389 χ^2/NDF : 3039.1/35

In: -231.482 +/- 1.325 χ^2/NDF : 1336.8/24

Out: -208.921 +/- 1.253 χ^2/NDF : 4996.1/28

All: -219.573 +/- 0.910 χ^2/NDF : 6486.0/53

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: -69.275 ± 1.343 χ^2/NDF : 458.5/9

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

Left In: -72.896 ± 1.474 χ^2/NDF : 87.1/7

Left: -70.918 ± 0.993 χ^2/NDF : 549.0/17

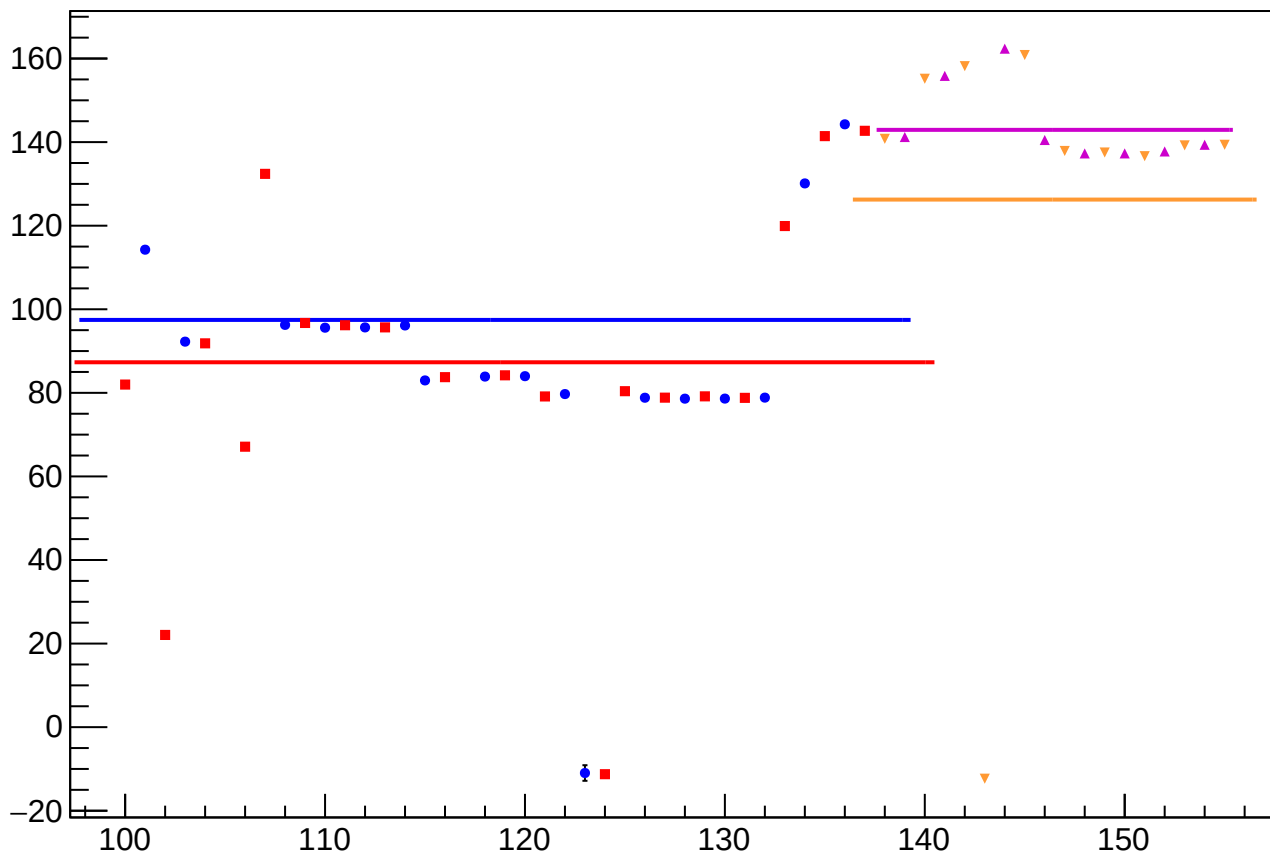
Right: -75.069 ± 0.858 χ^2/NDF : 1497.0/35

In: -75.535 ± 0.939 χ^2/NDF : 909.8/24

Out: -71.243 ± 0.898 χ^2/NDF : 1135.3/28

All: -73.293 ± 0.649 χ^2/NDF : 2056.0/53

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 126.249 $\pm$ 0.068 χ^2 /NDF: 539936.7/9

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

Left In: 142.933 $\pm$ 0.072 χ^2 /NDF: 13252.1/7

Left: 134.088 $\pm$ 0.050 χ^2 /NDF: 581335.0/17

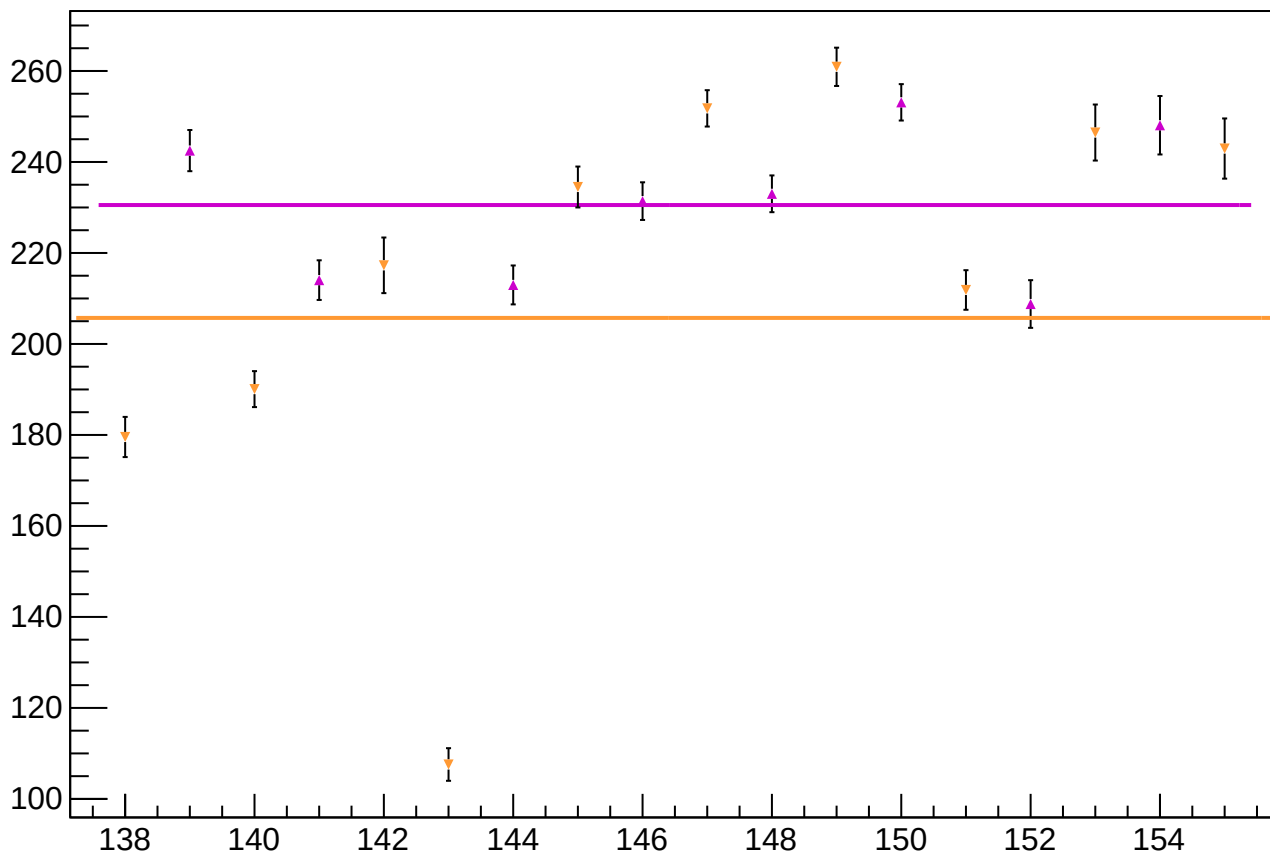
Right: 92.024 $\pm$ 0.050 χ^2 /NDF: 326563.7/35

In: 120.460 $\pm$ 0.052 χ^2 /NDF: 302676.6/24

Out: 106.802 $\pm$ 0.048 χ^2 /NDF: 924699.8/28

All: 113.183 $\pm$ 0.035 χ^2 /NDF: 1264844.8/53

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: 205.725+/-1.428 χ^2/NDF :1227.1/9

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

Left In: 230.535+/-1.583 χ^2/NDF :95.2/7

Left: 216.855+/-1.060 χ^2/NDF : 1457.7/17

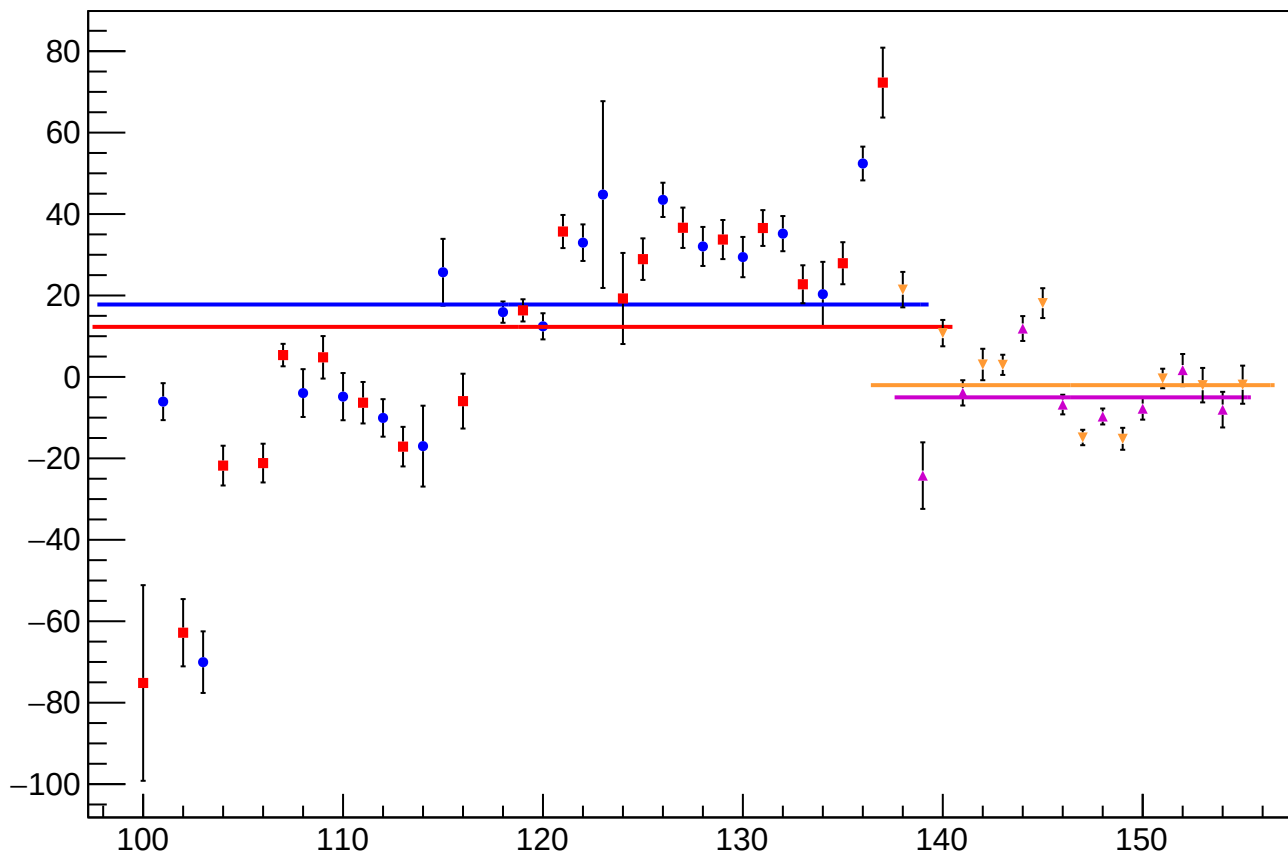
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 230.535+/-1.583 χ^2/NDF :95.2/7

Out: 205.725+/-1.428 χ^2/NDF :1227.1/9

All: 216.855+/-1.060 χ^2/NDF : 1457.7/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: -2.020 $\pm$ 0.935 χ^2 /NDF:151.0/9

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

Left In: -5.013 $\pm$ 1.047 χ^2 /NDF:47.0/7

Left: -3.348 $\pm$ 0.697 χ^2 /NDF: 202.6/17

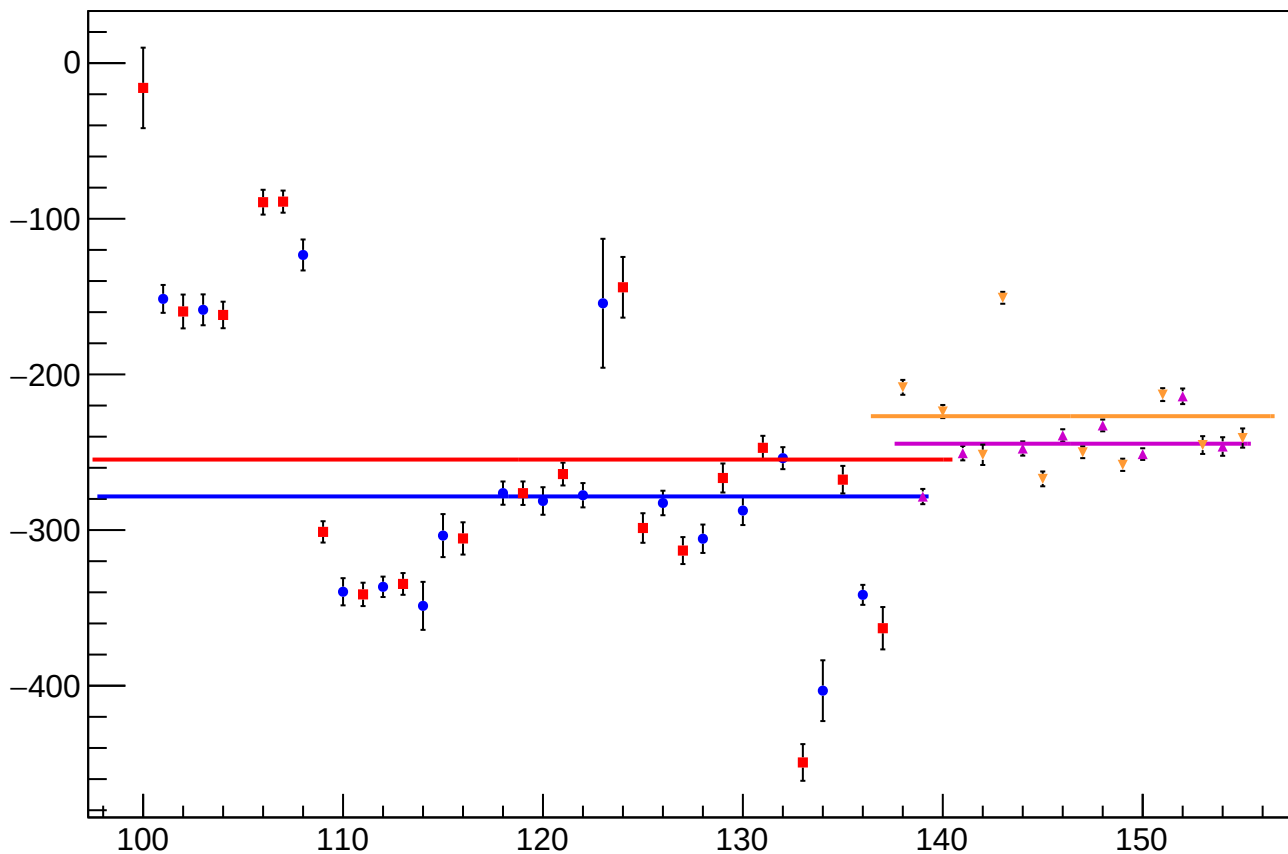
Right: 14.891 $\pm$ 0.788 χ^2 /NDF: 850.9/35

In: 5.352 $\pm$ 0.773 χ^2 /NDF:657.9/24

Out: 4.071 $\pm$ 0.708 χ^2 /NDF:694.5/28

All: 4.656 $\pm$ 0.522 χ^2 /NDF: 1353.9/53

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393 ± 2.168 $\chi^2/\text{NDF}: 910.5/16$

Left Out: -226.834 ± 1.433 $\chi^2/\text{NDF}: 625.2/9$

Right Out: -254.703 ± 2.020 $\chi^2/\text{NDF}: 2038.5/18$

Left In: -244.518 ± 1.564 $\chi^2/\text{NDF}: 101.8/7$

Left: -234.903 ± 1.056 $\chi^2/\text{NDF}: 796.5/17$

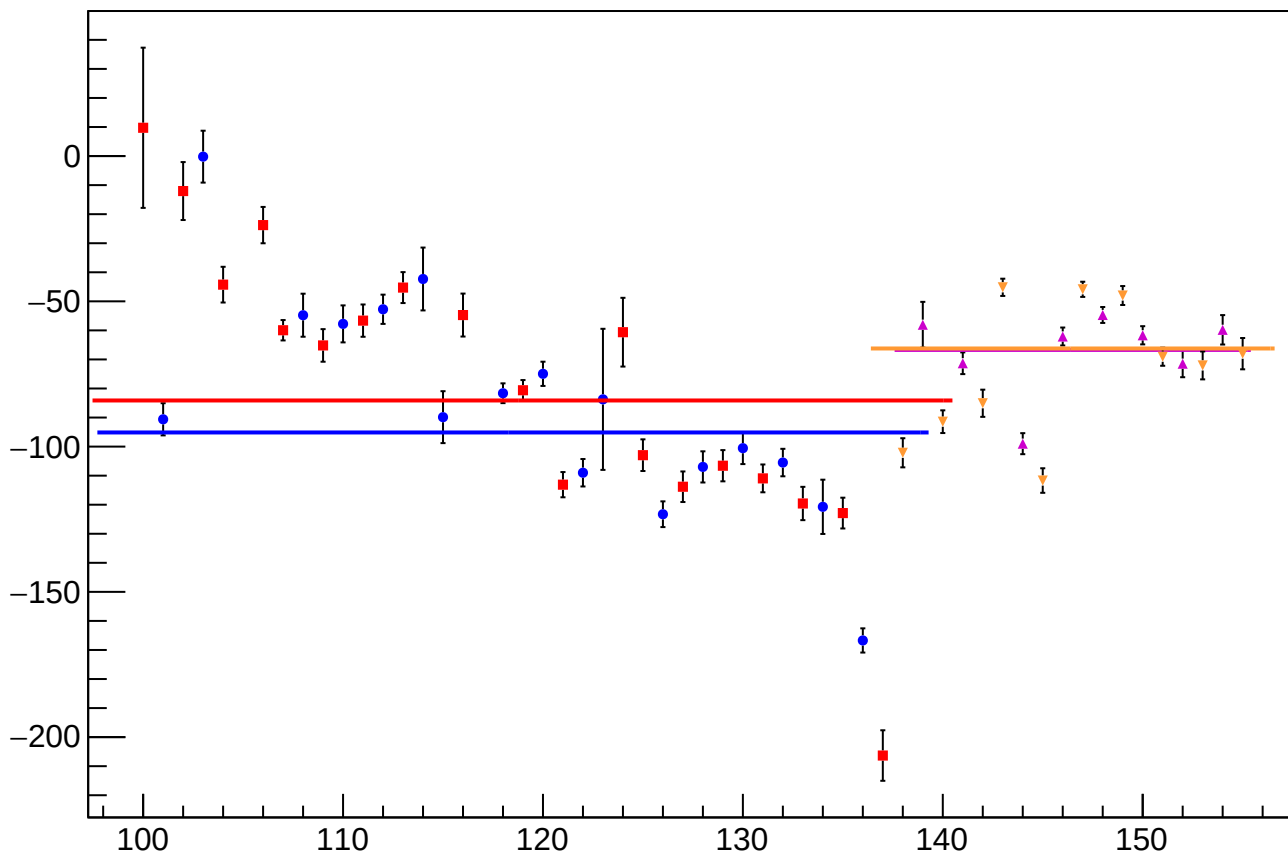
Right: -265.715 ± 1.478 $\chi^2/\text{NDF}: 3013.0/35$

In: -256.114 ± 1.268 $\chi^2/\text{NDF}: 1173.0/24$

Out: -236.160 ± 1.169 $\chi^2/\text{NDF}: 2790.3/28$

All: -245.322 ± 0.859 $\chi^2/\text{NDF}: 4097.2/53$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135 $\pm$ 1.322 χ^2 /NDF: 674.9/16

Left Out: -66.229 $\pm$ 1.161 χ^2 /NDF:369.8/9

Right Out: -84.124 $\pm$ 1.259 χ^2 /NDF: 782.9/18

Left In: -66.722 $\pm$ 1.303 χ^2 /NDF:109.2/7

Left: -66.448 $\pm$ 0.867 χ^2 /NDF: 479.1/17

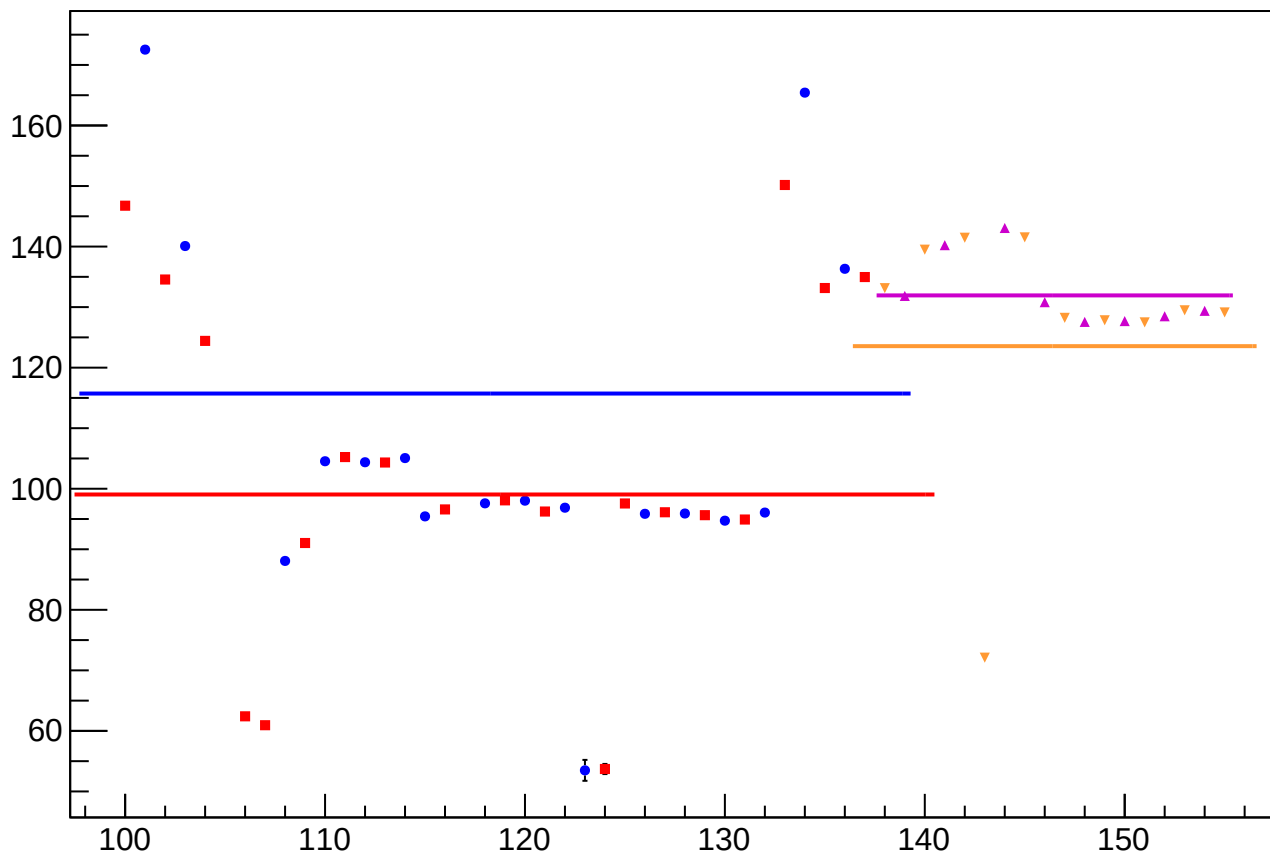
Right: -89.357 $\pm$ 0.912 χ^2 /NDF: 1494.2/35

In: -80.712 $\pm$ 0.928 χ^2 /NDF:1018.5/24

Out: -74.455 $\pm$ 0.853 χ^2 /NDF:1261.9/28

All: -77.322 $\pm$ 0.628 χ^2 /NDF: 2305.0/53

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: 123.551+/-0.059 χ^2/NDF :139713.4/9

Right Out: 99.049+/-0.069 χ^2/NDF : 173463.3/18

Left In: 131.934+/-0.064 χ^2/NDF :6988.2/7

Left: 127.394+/-0.044 χ^2/NDF : 155908.0/17

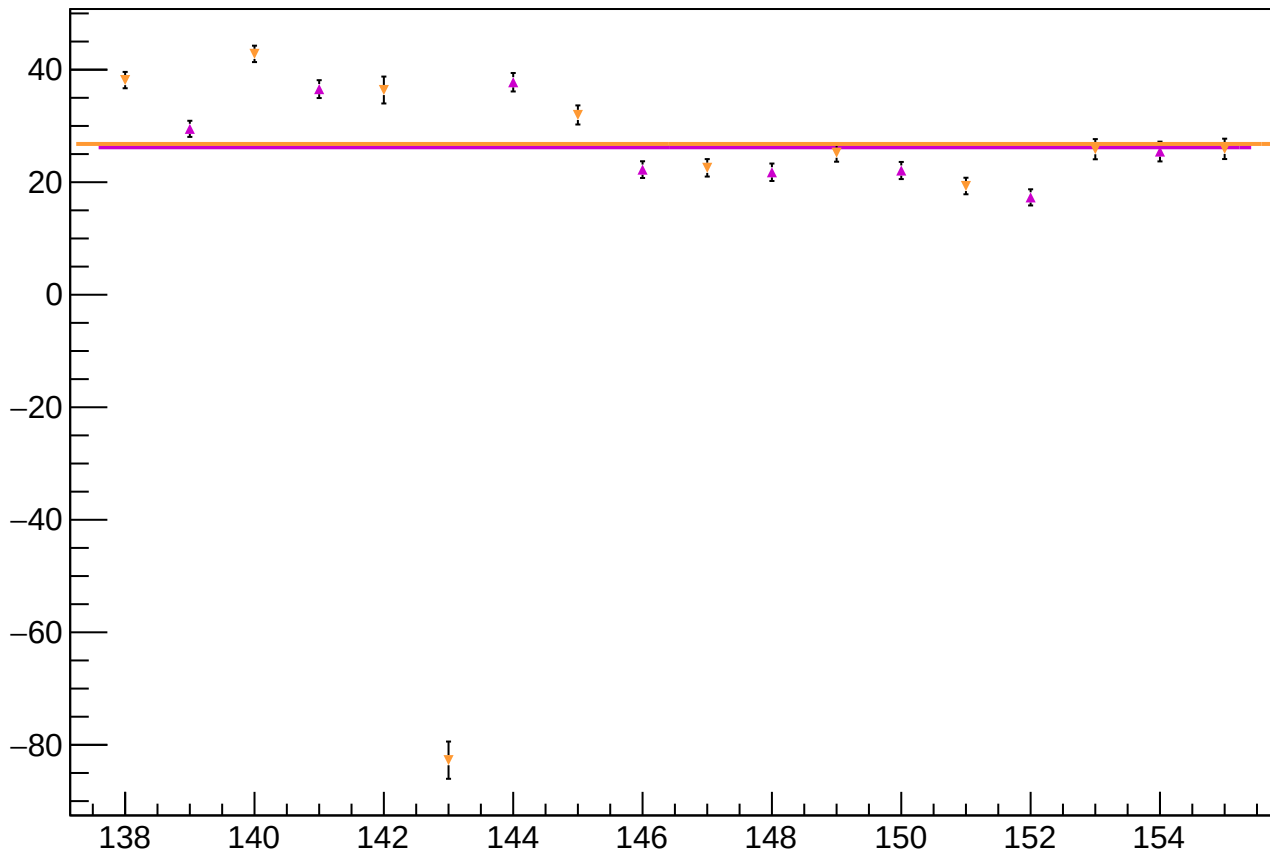
Right: 106.312+/-0.051 χ^2/NDF : 305658.4/35

In: 125.374+/-0.050 χ^2/NDF :139101.3/24

Out: 113.084+/-0.045 χ^2/NDF :386455.1/28

All: 118.601+/-0.033 χ^2/NDF : 559379.5/53

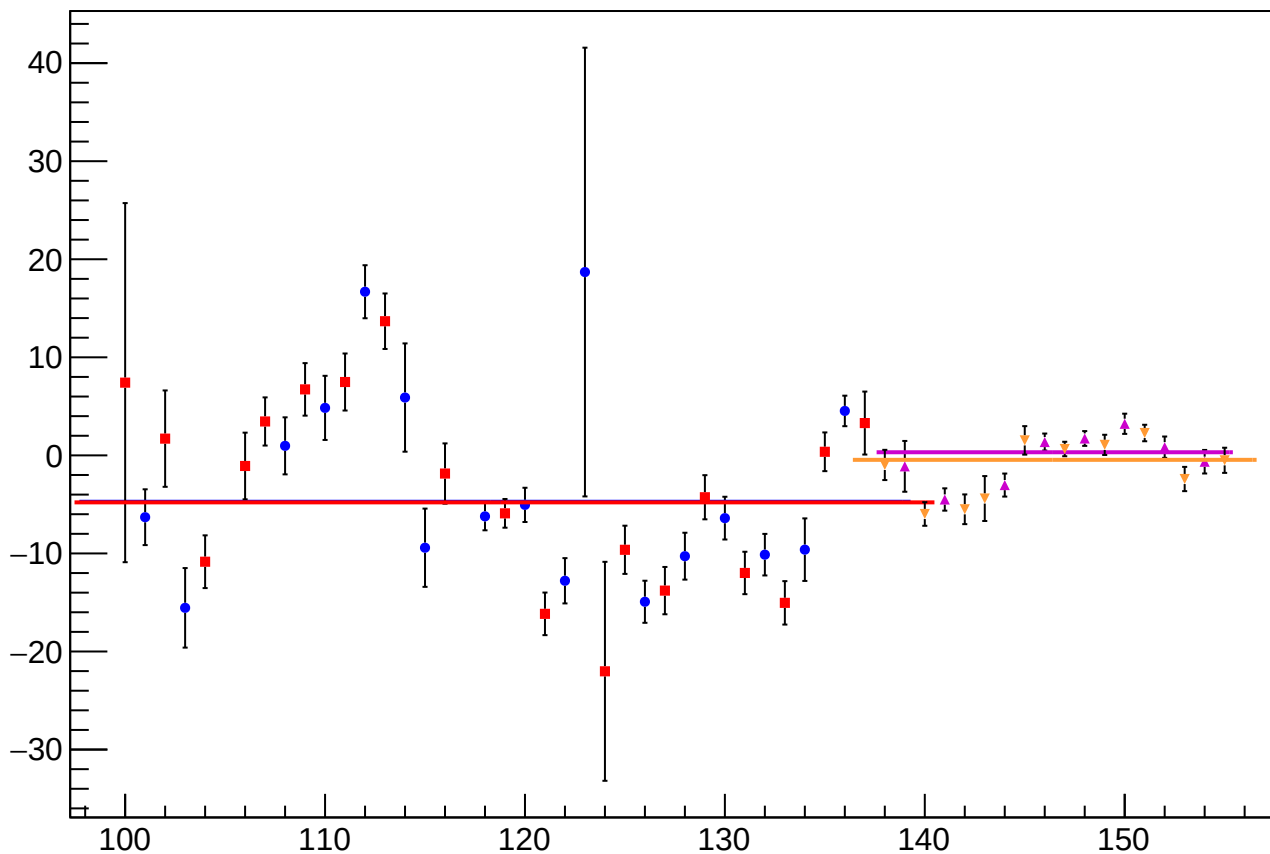
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 26.800+/-0.539 χ^2/NDF :1336.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 26.207+/-0.545 χ^2/NDF :158.5/7

Left: 26.507+/-0.383 χ^2/NDF : 1495.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 26.207+/-0.545 χ^2/NDF :158.5/7
 Out: 26.800+/-0.539 χ^2/NDF :1336.1/9
 All: 26.507+/-0.383 χ^2/NDF : 1495.2/17

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730 ± 0.580 $\chi^2/\text{NDF}: 174.8/16$

Left Out: -0.455 ± 0.361 $\chi^2/\text{NDF}: 54.6/9$

Right Out: -4.793 ± 0.586 $\chi^2/\text{NDF}: 193.5/18$

Left In: 0.318 ± 0.372 $\chi^2/\text{NDF}: 40.1/7$

Left: -0.080 ± 0.259 $\chi^2/\text{NDF}: 96.9/17$

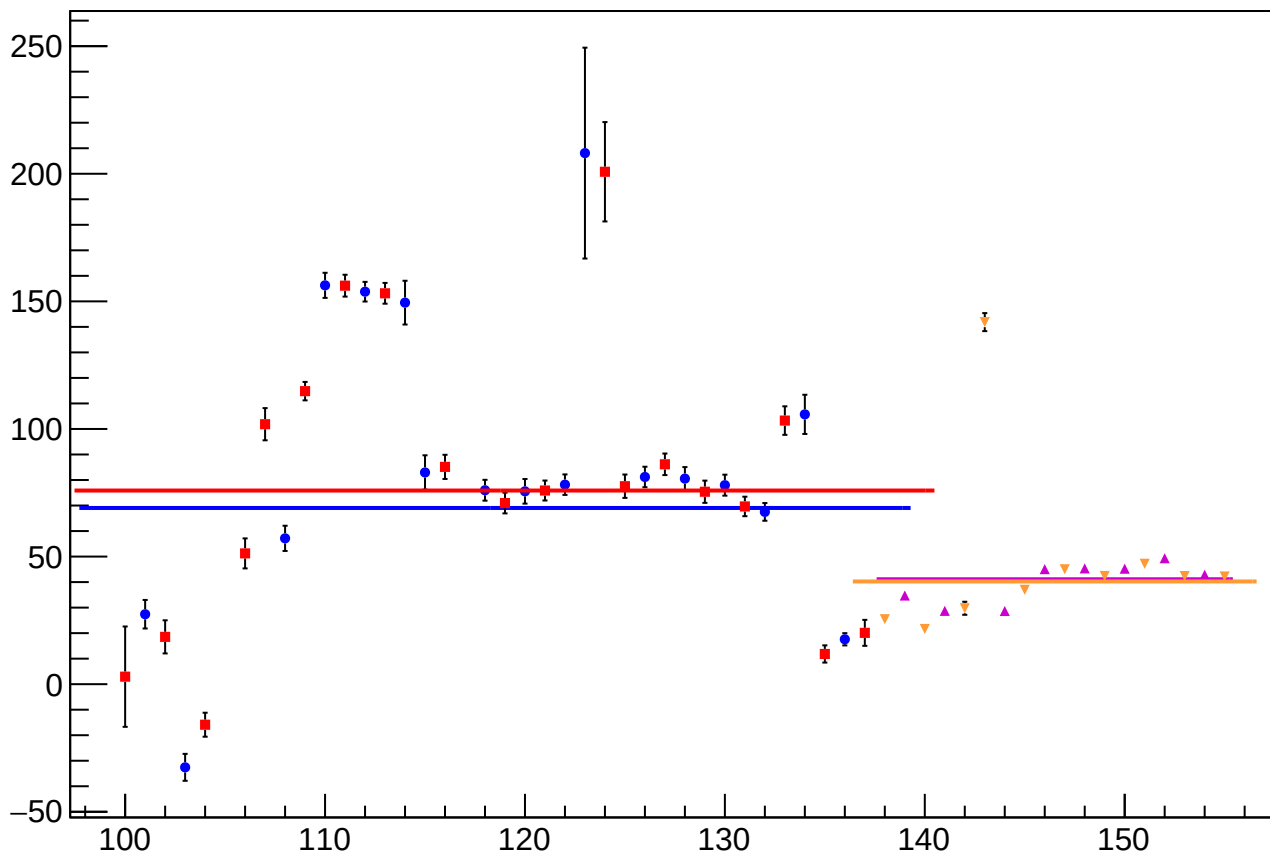
Right: -4.761 ± 0.412 $\chi^2/\text{NDF}: 368.3/35$

In: -1.156 ± 0.313 $\chi^2/\text{NDF}: 268.6/24$

Out: -1.650 ± 0.307 $\chi^2/\text{NDF}: 287.8/28$

All: -1.408 ± 0.219 $\chi^2/\text{NDF}: 557.7/53$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048+/-1.077 χ^2/NDF : 1847.9/16

Left Out: 40.245+/-0.534 χ^2/NDF : 1119.1/9

Right Out: 75.878+/-1.069 χ^2/NDF : 1895.0/18

Left In: 41.115+/-0.538 χ^2/NDF : 182.6/7

Left: 40.677+/-0.379 χ^2/NDF : 1303.0/17

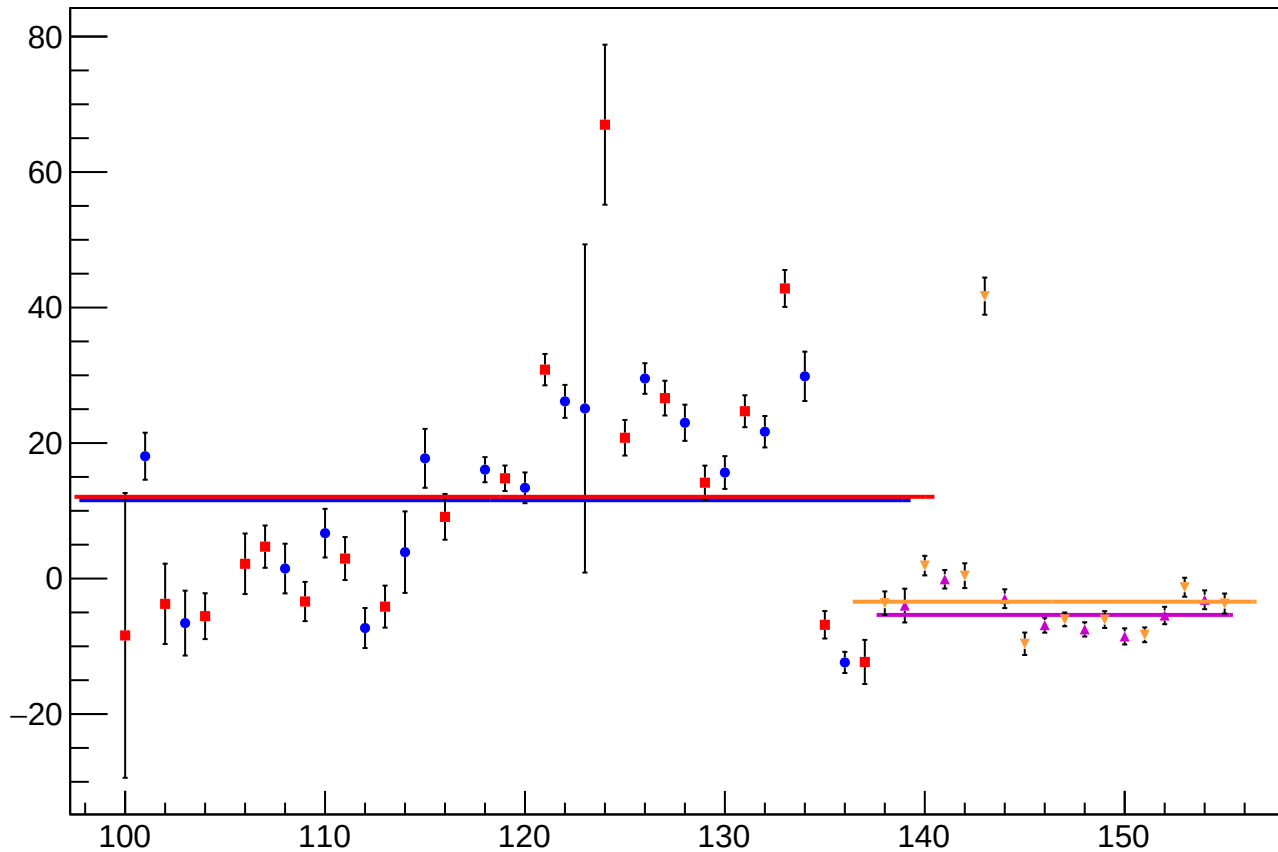
Right: 72.486+/-0.759 χ^2/NDF : 3763.1/35

In: 46.694+/-0.481 χ^2/NDF : 2569.1/24

Out: 47.357+/-0.478 χ^2/NDF : 3902.6/28

All: 47.028+/-0.339 χ^2/NDF : 6472.7/53

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -3.415 $\pm$ 0.446 χ^2 /NDF:335.8/9

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

Left In: -5.362 $\pm$ 0.459 χ^2 /NDF:33.7/7

Left: -4.361 $\pm$ 0.320 χ^2 /NDF: 378.8/17

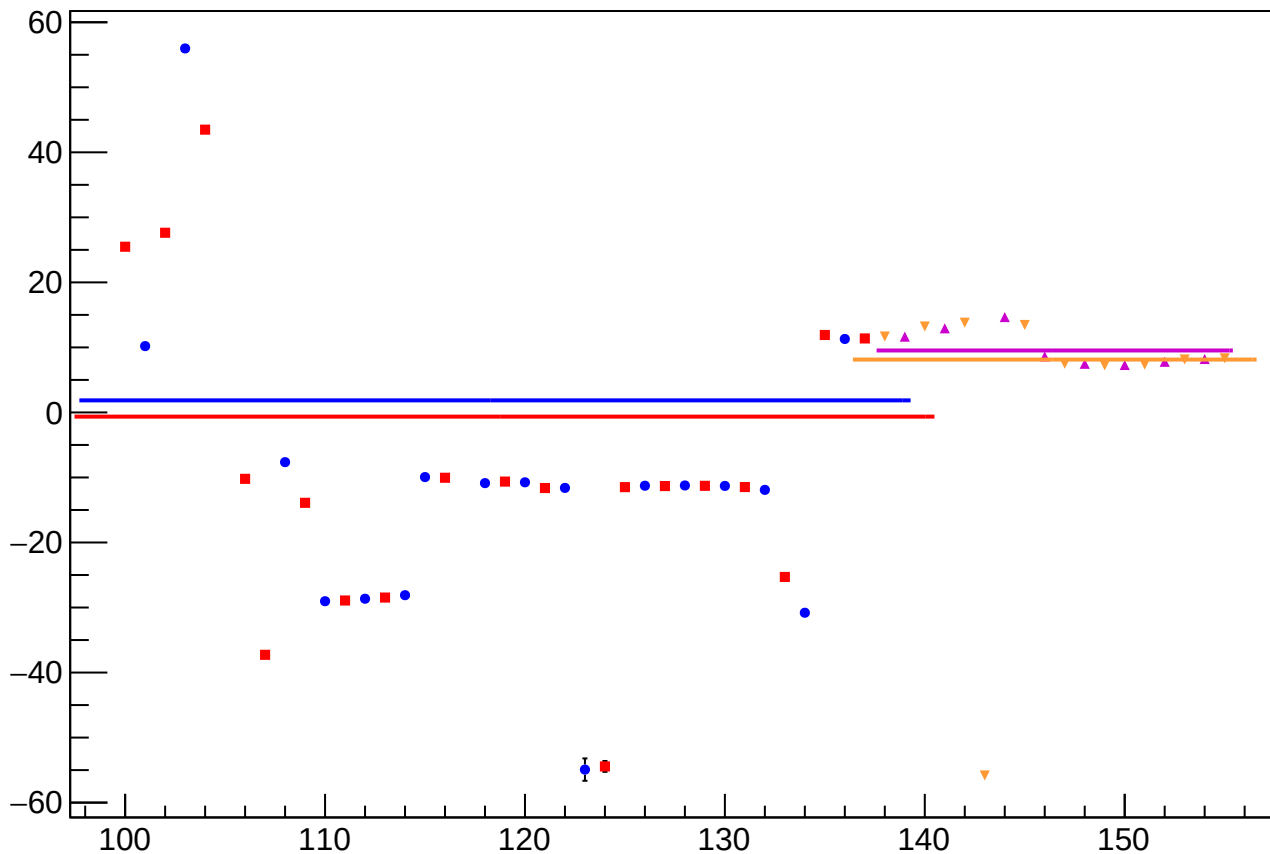
Right: 11.816 $\pm$ 0.468 χ^2 /NDF: 1021.8/35

In: 0.171 $\pm$ 0.376 χ^2 /NDF:957.1/24

Out: 1.395 $\pm$ 0.370 χ^2 /NDF:1253.5/28

All: 0.793 $\pm$ 0.264 χ^2 /NDF: 2216.0/53

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Left Out: 8.130+/-0.022 χ^2/NDF :222435.6/9

Right Out: -0.644+/-0.037 χ^2/NDF : 361625.7/18

Left In: 9.530+/-0.022 χ^2/NDF :12643.2/7

Left: 8.826+/-0.015 χ^2/NDF : 237161.0/17

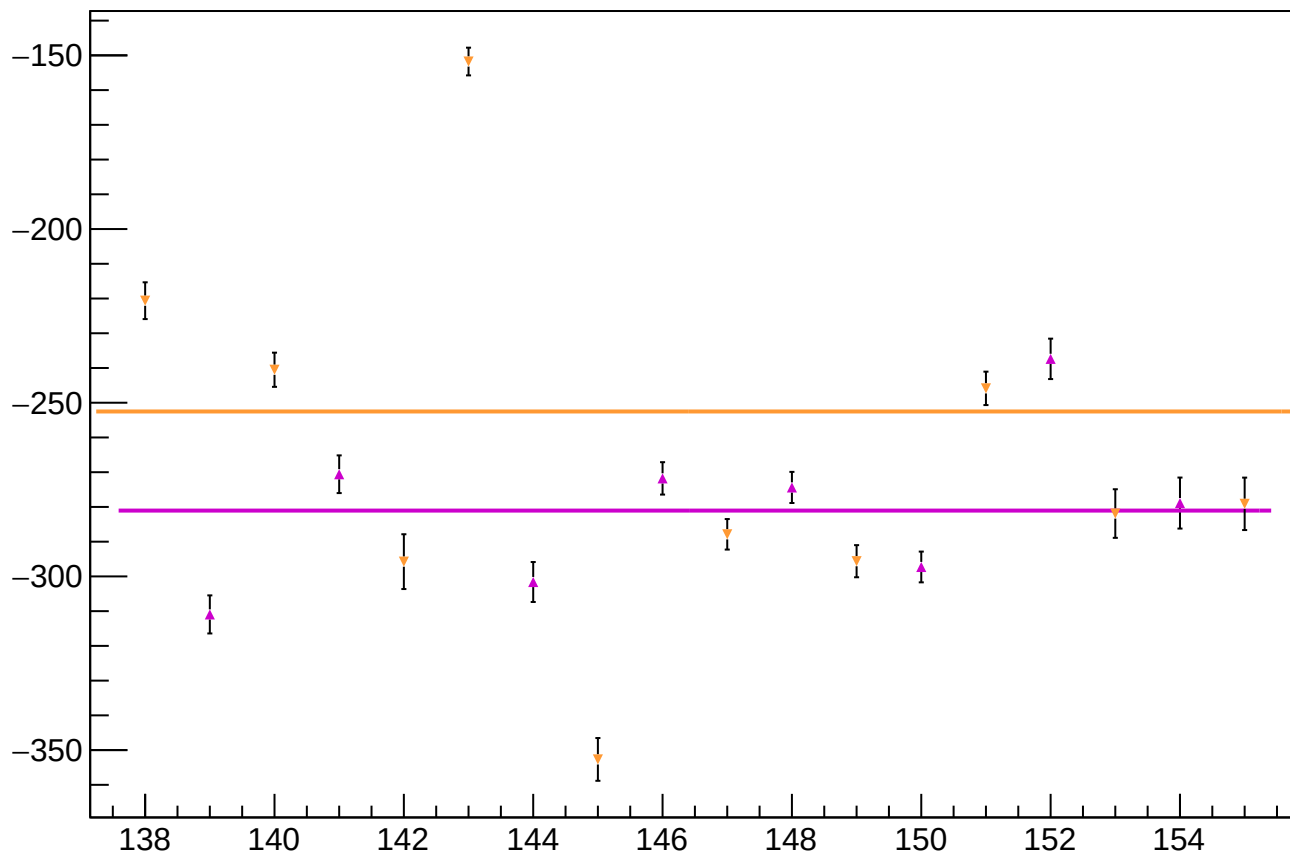
Right: 0.608+/-0.026 χ^2/NDF : 723318.4/35

In: 7.559+/-0.019 χ^2/NDF :404033.2/24

Out: 5.899+/-0.019 χ^2/NDF :625880.6/28

All: 6.726+/-0.013 χ^2/NDF : 1033844.9/53

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: -252.518 ± 1.662 χ^2/NDF : 1158.3/9

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -281.049 ± 1.849 χ^2/NDF : 122.3/7

Left: -265.266 ± 1.236 χ^2/NDF : 1412.3/17

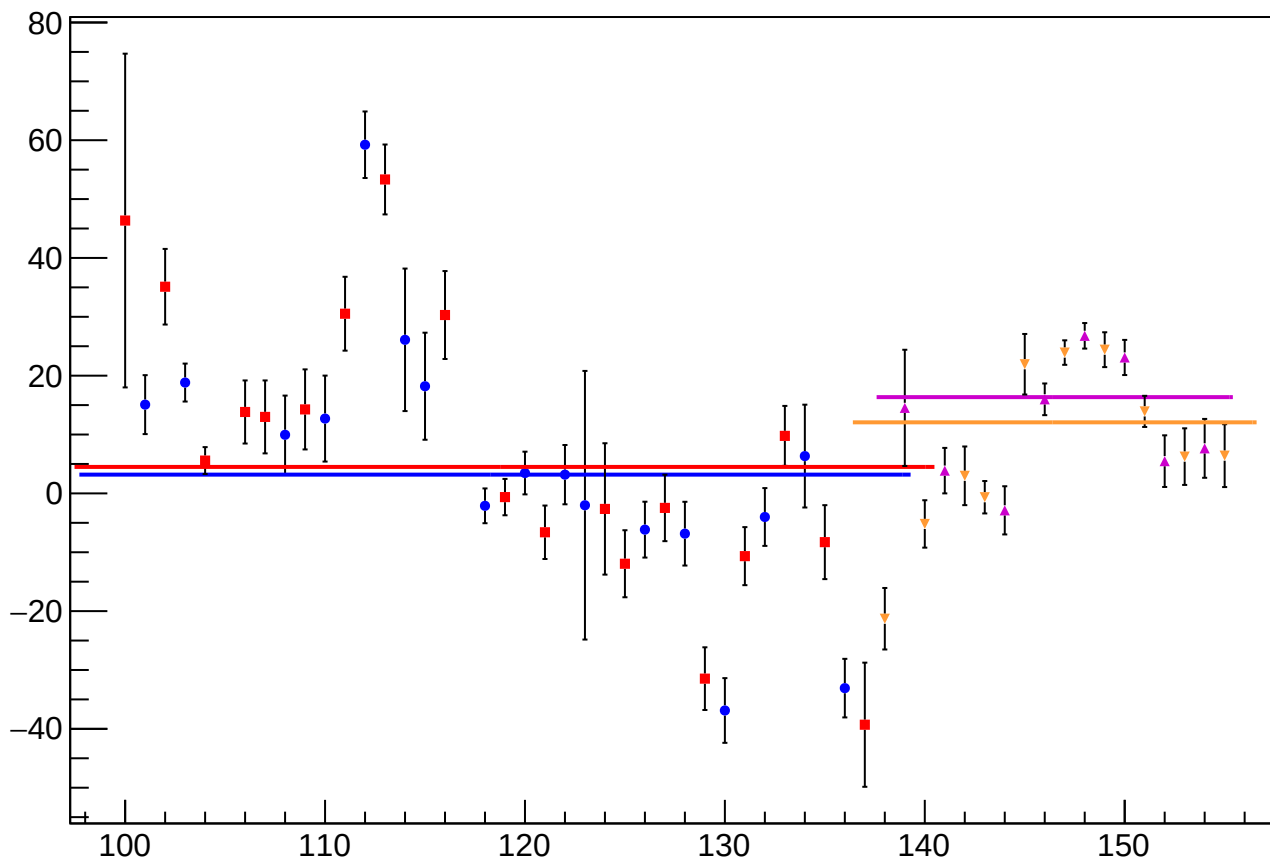
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -281.049 ± 1.849 χ^2/NDF : 122.3/7

Out: -252.518 ± 1.662 χ^2/NDF : 1158.3/9

All: -265.266 ± 1.236 χ^2/NDF : 1412.3/17

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: 12.072 ± 1.069 χ^2/NDF : 140.4/9

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

Left In: 16.354 ± 1.203 χ^2/NDF : 69.9/7

Left: 13.963 ± 0.799 χ^2/NDF : 217.3/17

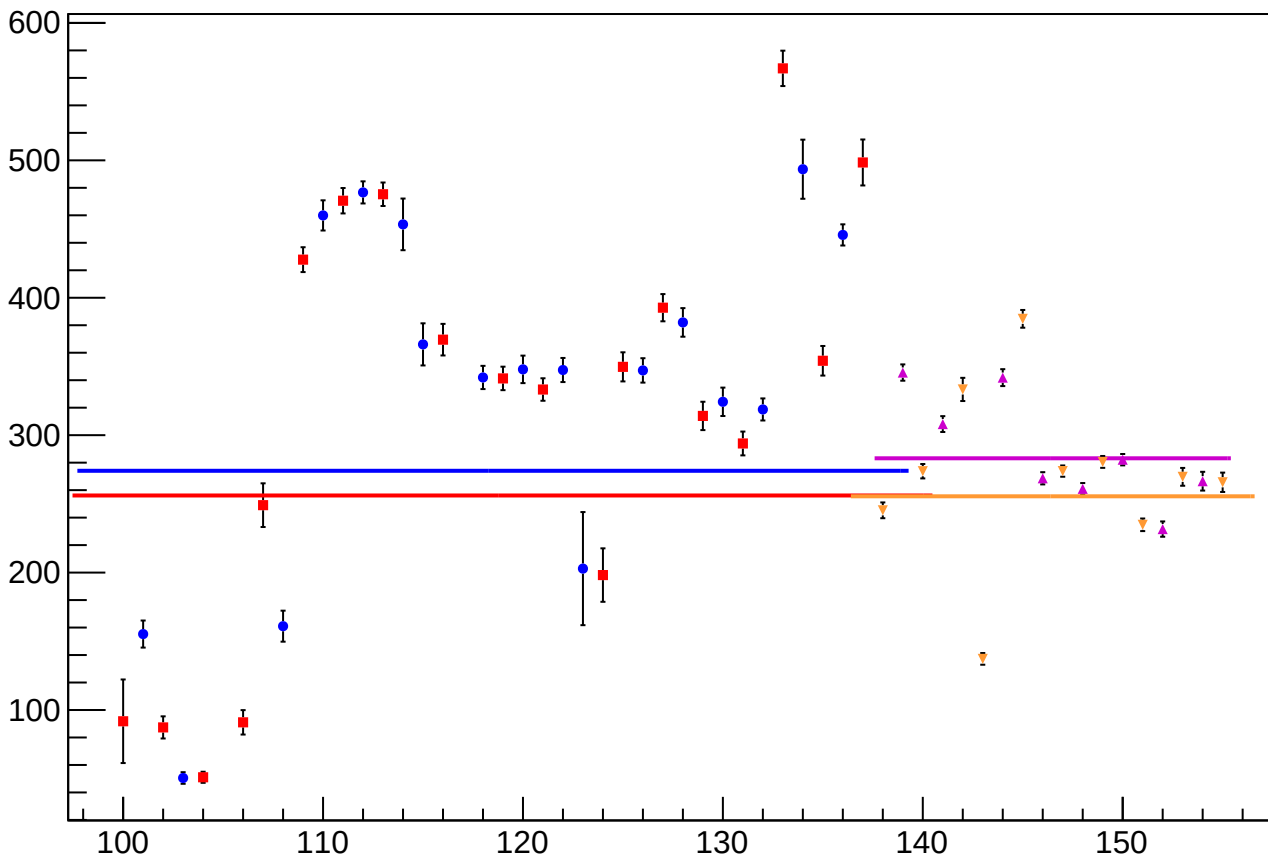
Right: 3.879 ± 0.842 χ^2/NDF : 481.7/35

In: 9.894 ± 0.858 χ^2/NDF : 384.3/24

Out: 8.590 ± 0.786 χ^2/NDF : 388.9/28

All: 9.185 ± 0.580 χ^2/NDF : 774.4/53

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: 255.512+/-1.657 χ^2/NDF :1353.1/9

Right Out: 256.109+/-2.080 χ^2/NDF : 6444.1/18

Left In: 283.172+/-1.814 χ^2/NDF :350.4/7

Left: 268.093+/-1.223 χ^2/NDF : 1830.2/17

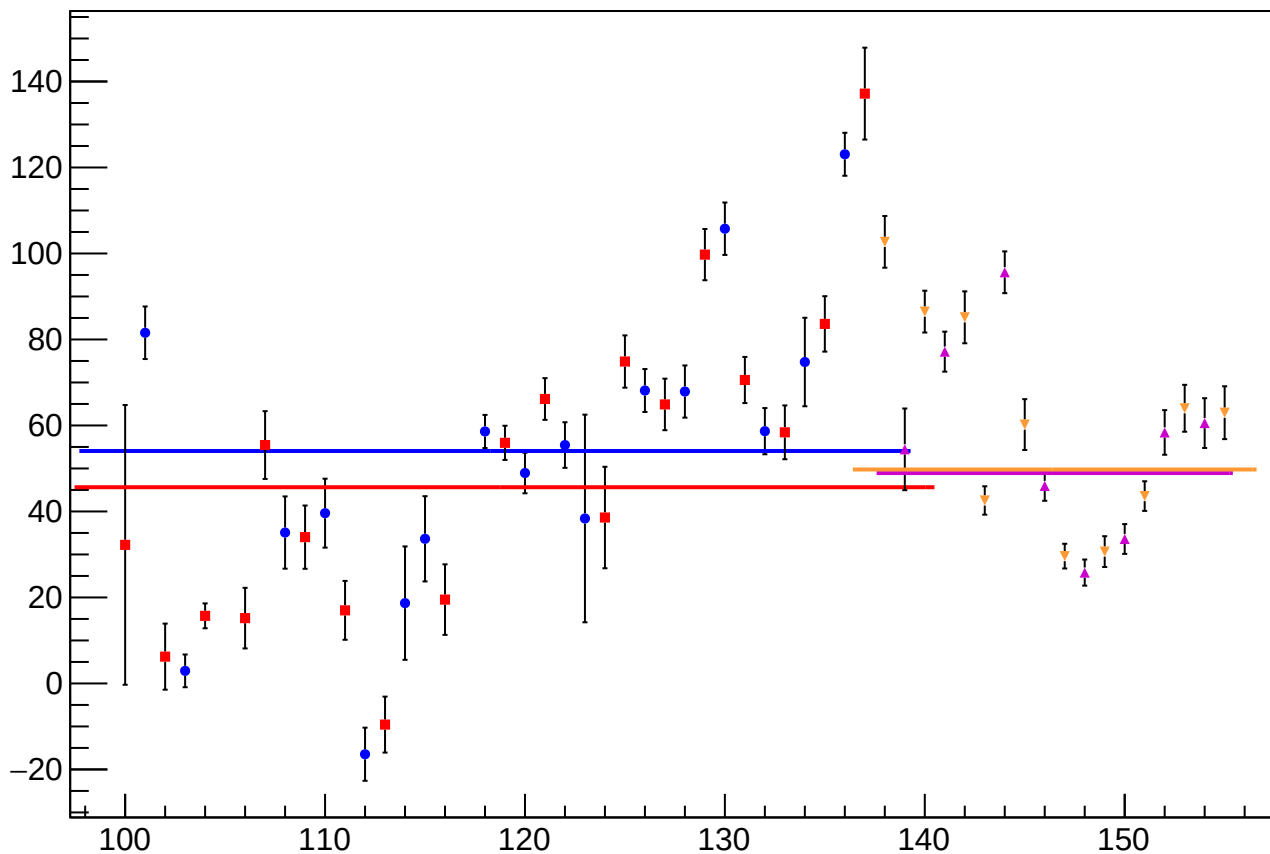
Right: 264.628+/-1.509 χ^2/NDF : 11591.4/35

In: 279.475+/-1.397 χ^2/NDF :5472.5/24

Out: 255.744+/-1.296 χ^2/NDF :7797.2/28

All: 266.719+/-0.950 χ^2/NDF : 13424.8/53

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 49.757 $\pm$ 1.335 χ^2 /NDF:269.1/9

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

Left In: 48.933 $\pm$ 1.503 χ^2 /NDF:215.3/7

Left: 49.394 $\pm$ 0.998 χ^2 /NDF: 484.6/17

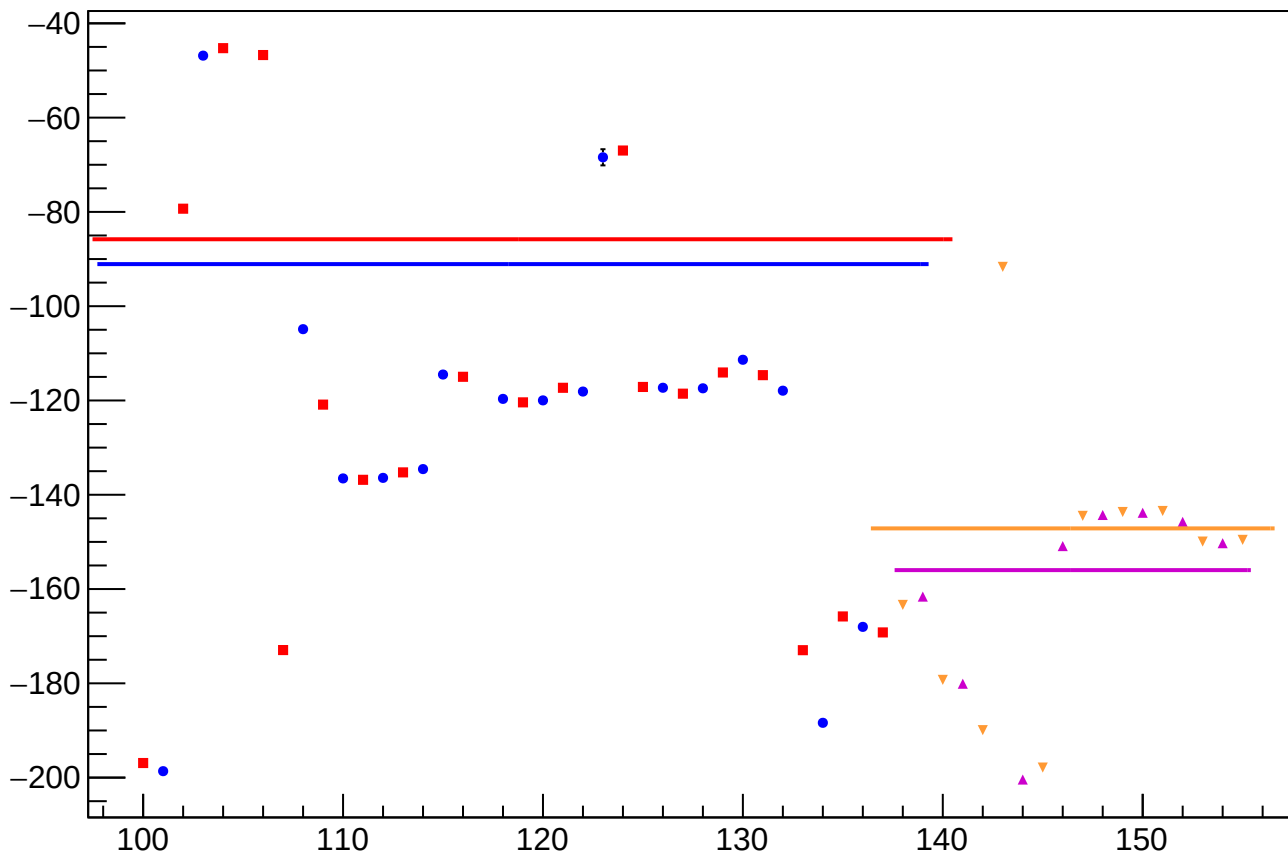
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 51.644 $\pm$ 1.033 χ^2 /NDF:855.9/24

Out: 47.734 $\pm$ 0.952 χ^2 /NDF:804.6/28

All: 49.532 $\pm$ 0.700 χ^2 /NDF: 1668.2/53

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074 ± 0.068 $\chi^2/\text{NDF}: 534647.5/16$

Left Out: -147.135 ± 0.069 $\chi^2/\text{NDF}: 186770.4/9$

Right Out: -85.803 ± 0.065 $\chi^2/\text{NDF}: 495895.1/18$

Left In: -155.985 ± 0.075 $\chi^2/\text{NDF}: 50854.3/7$

Left: -151.188 ± 0.051 $\chi^2/\text{NDF}: 245236.5/17$

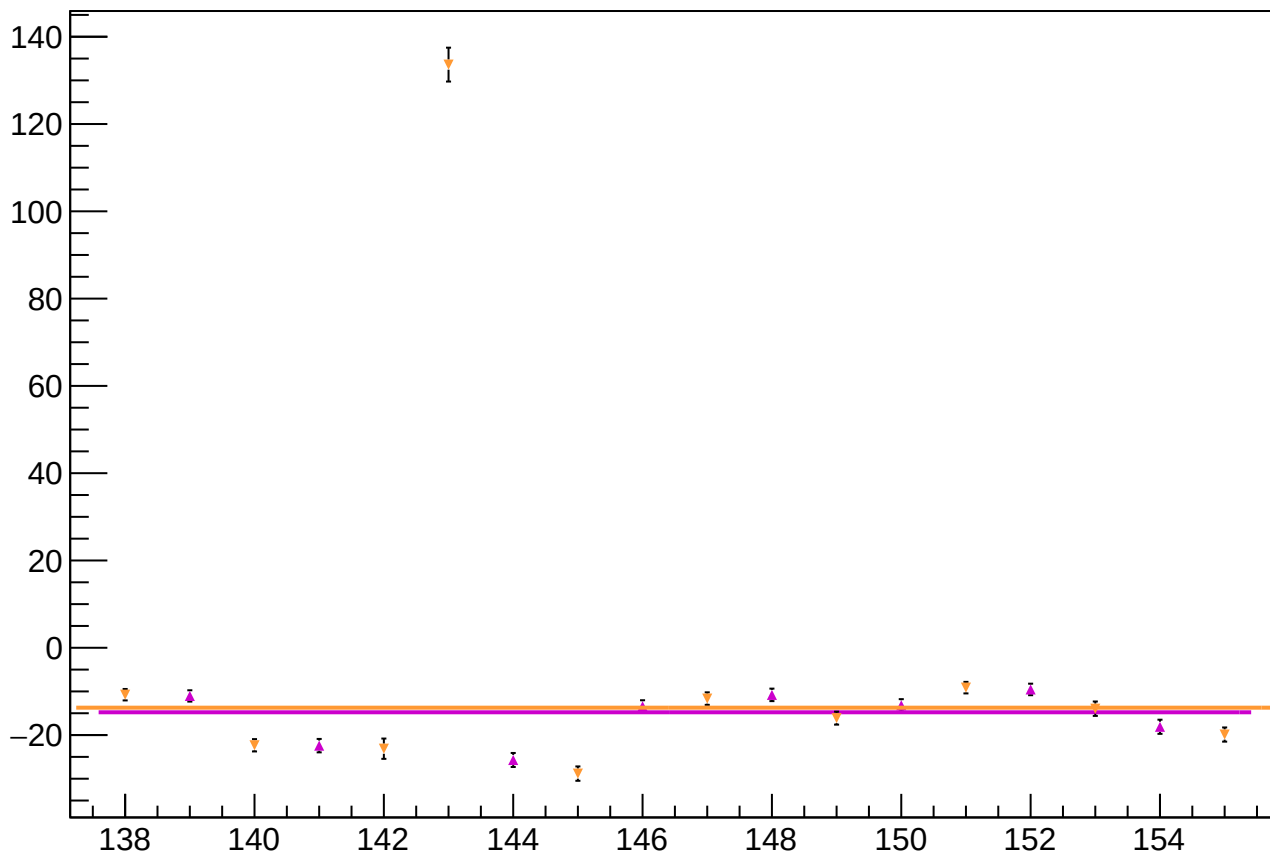
Right: -88.339 ± 0.047 $\chi^2/\text{NDF}: 1033703.0/35$

In: -120.271 ± 0.050 $\chi^2/\text{NDF}: 1001108.3/24$

Out: -114.819 ± 0.047 $\chi^2/\text{NDF}: 1103342.7/28$

All: -117.384 ± 0.034 $\chi^2/\text{NDF}: 2110726.2/53$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.723+/-0.503 χ^2/NDF :1615.2/9

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

Left In: -14.780+/-0.507 χ^2/NDF :109.2/7

Left: -14.246+/-0.357 χ^2/NDF : 1726.6/17

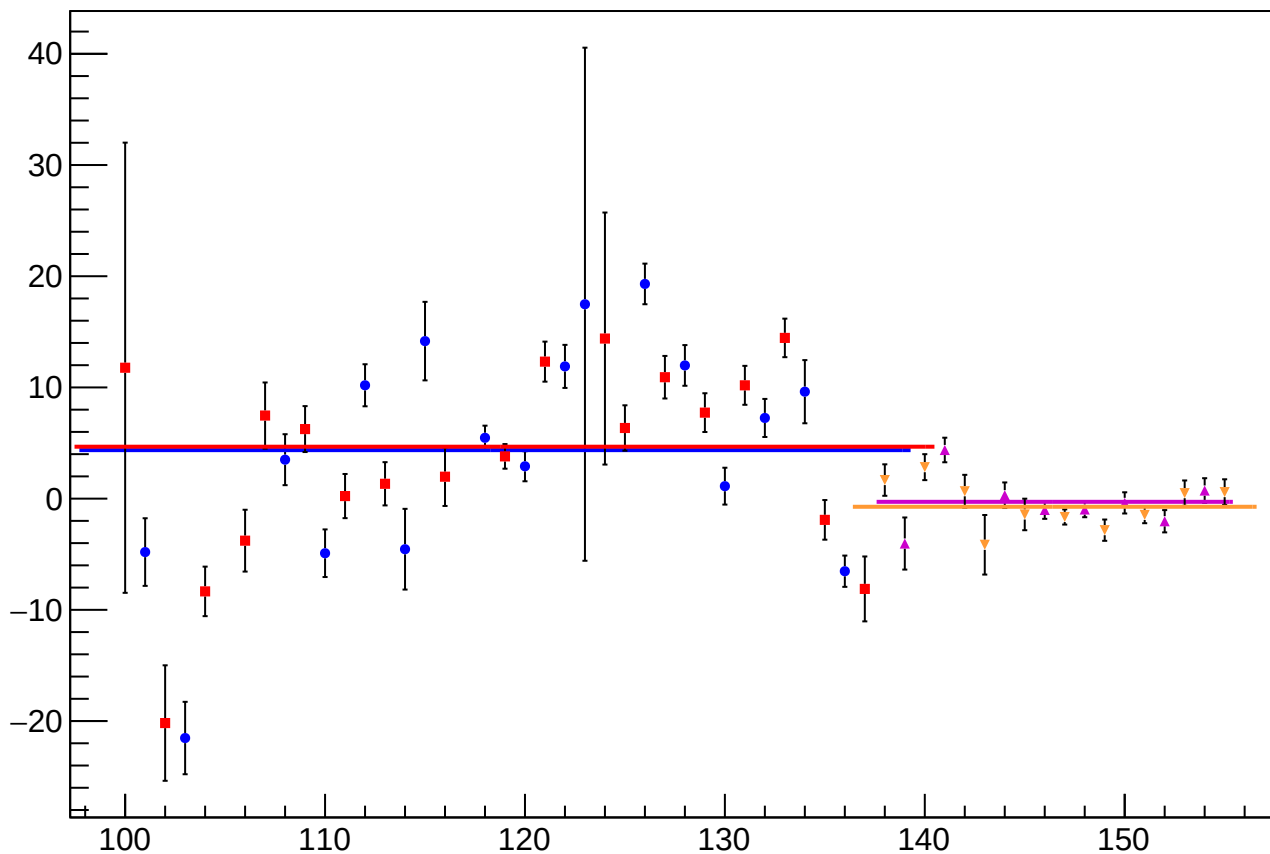
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.780+/-0.507 χ^2/NDF :109.2/7

Out: -13.723+/-0.503 χ^2/NDF :1615.2/9

All: -14.246+/-0.357 χ^2/NDF : 1726.6/17

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 ± 0.464 χ^2/NDF : 286.5/16

Left Out: -0.732 ± 0.336 χ^2/NDF : 25.0/9

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

Left In: -0.287 ± 0.347 χ^2/NDF : 26.3/7

Left: -0.517 ± 0.241 χ^2/NDF : 52.2/17

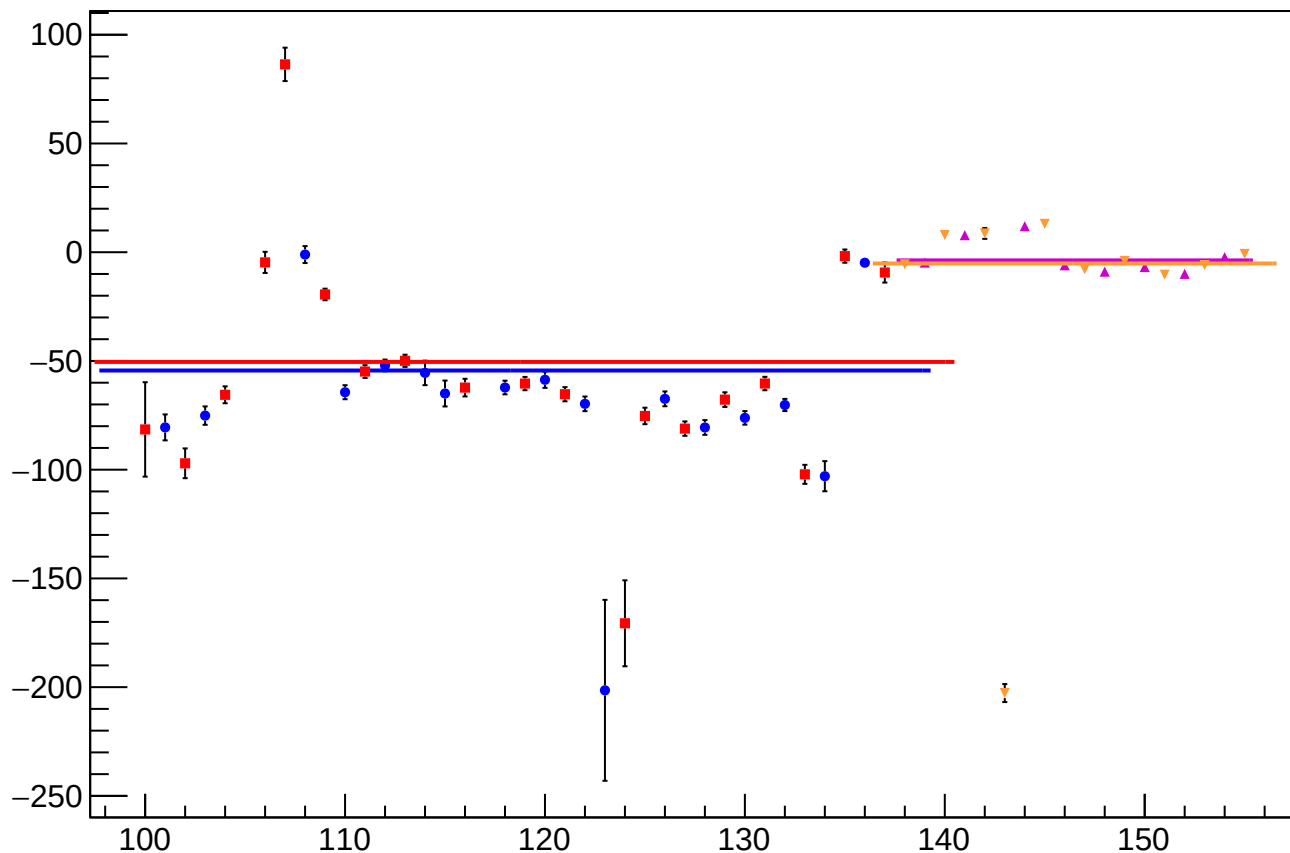
Right: 4.512 ± 0.332 χ^2/NDF : 472.1/35

In: 1.380 ± 0.278 χ^2/NDF : 377.1/24

Out: 1.071 ± 0.274 χ^2/NDF : 296.9/28

All: 1.223 ± 0.195 χ^2/NDF : 674.6/53

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: -5.180±/0.497 χ^2/NDF : 2523.3/9

Right Out: -50.441±/0.857 χ^2/NDF : 1324.7/18

Left In: -3.761±/0.500 χ^2/NDF : 182.5/7

Left: -4.475±/0.352 χ^2/NDF : 2709.8/17

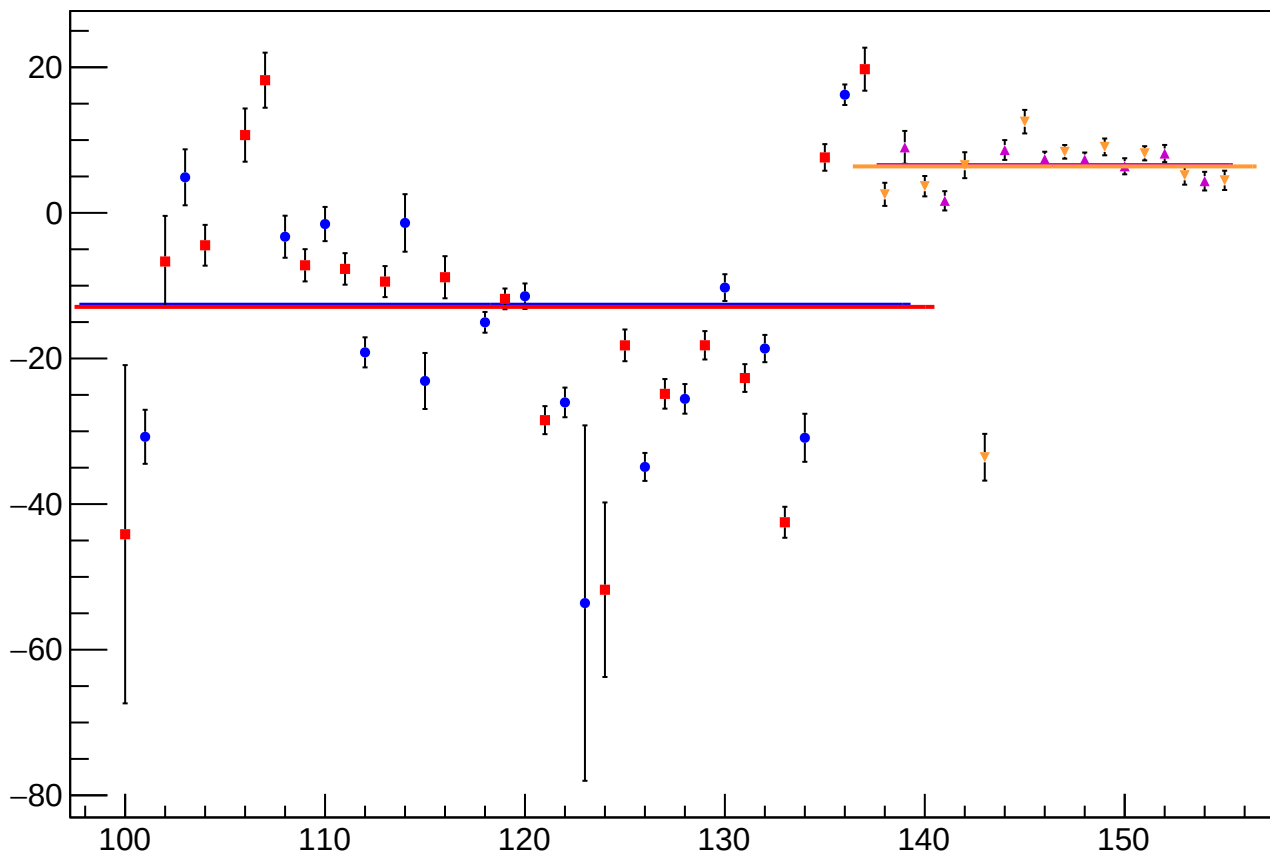
Right: -52.405±/0.608 χ^2/NDF : 2348.7/35

In: -16.499±/0.433 χ^2/NDF : 3774.8/24

Out: -16.551±/0.430 χ^2/NDF : 5934.6/28

All: -16.525±/0.305 χ^2/NDF : 9709.4/53

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 6.380 ± 0.415 χ^2/NDF : 195.1/9

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

Left In: 6.568 ± 0.428 χ^2/NDF : 23.2/7

Left: 6.471 ± 0.298 χ^2/NDF : 218.4/17

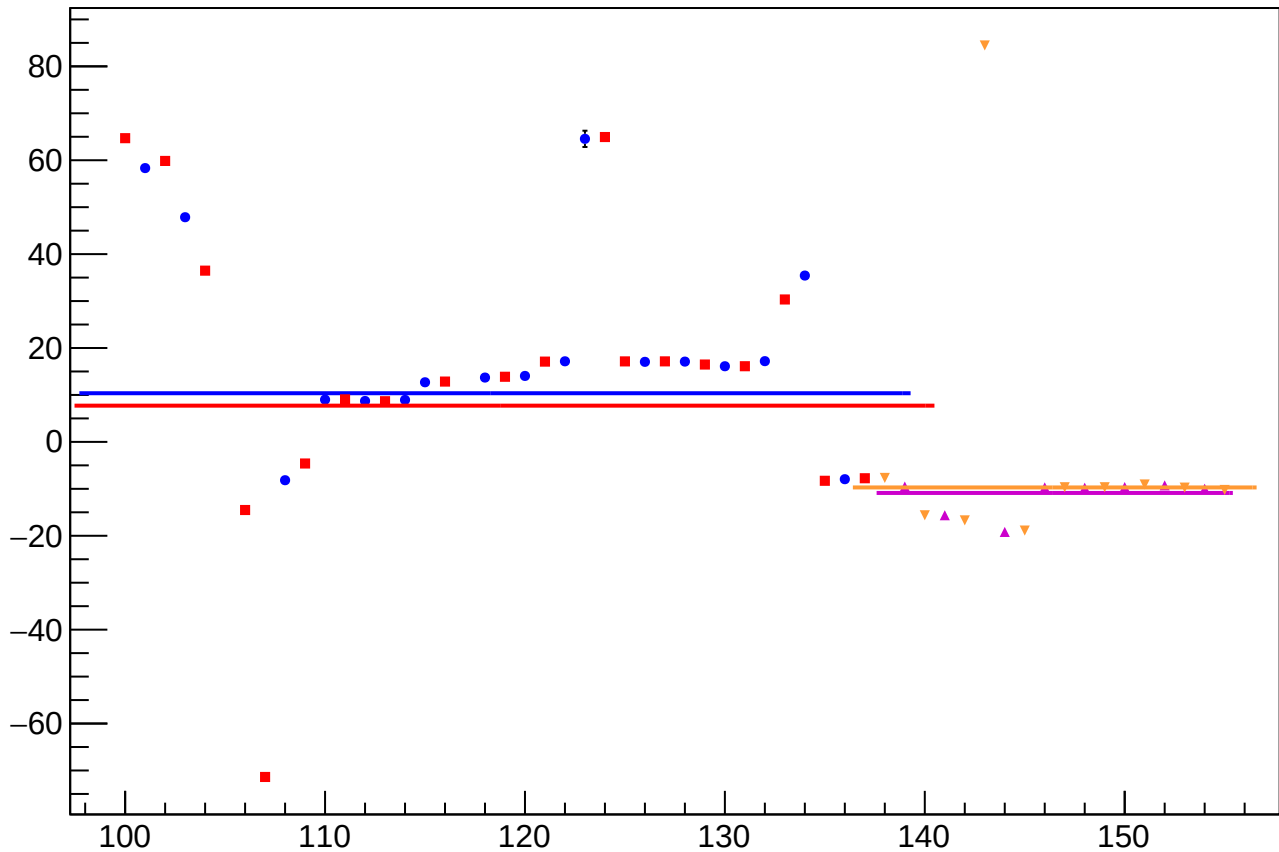
Right: -12.762 ± 0.378 χ^2/NDF : 1518.6/35

In: -1.002 ± 0.333 χ^2/NDF : 1604.1/24

Out: -0.813 ± 0.329 χ^2/NDF : 1731.1/28

All: -0.906 ± 0.234 χ^2/NDF : 3335.4/53

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366 $\pm$ 0.031 χ^2 /NDF: 381003.5/16

Left Out: -9.705 $\pm$ 0.020 χ^2 /NDF: 354556.0/9

Right Out: 7.719 $\pm$ 0.031 χ^2 /NDF: 545085.7/18

Left In: -10.878 $\pm$ 0.020 χ^2 /NDF: 20703.5/7

Left: -10.288 $\pm$ 0.014 χ^2 /NDF: 376955.8/17

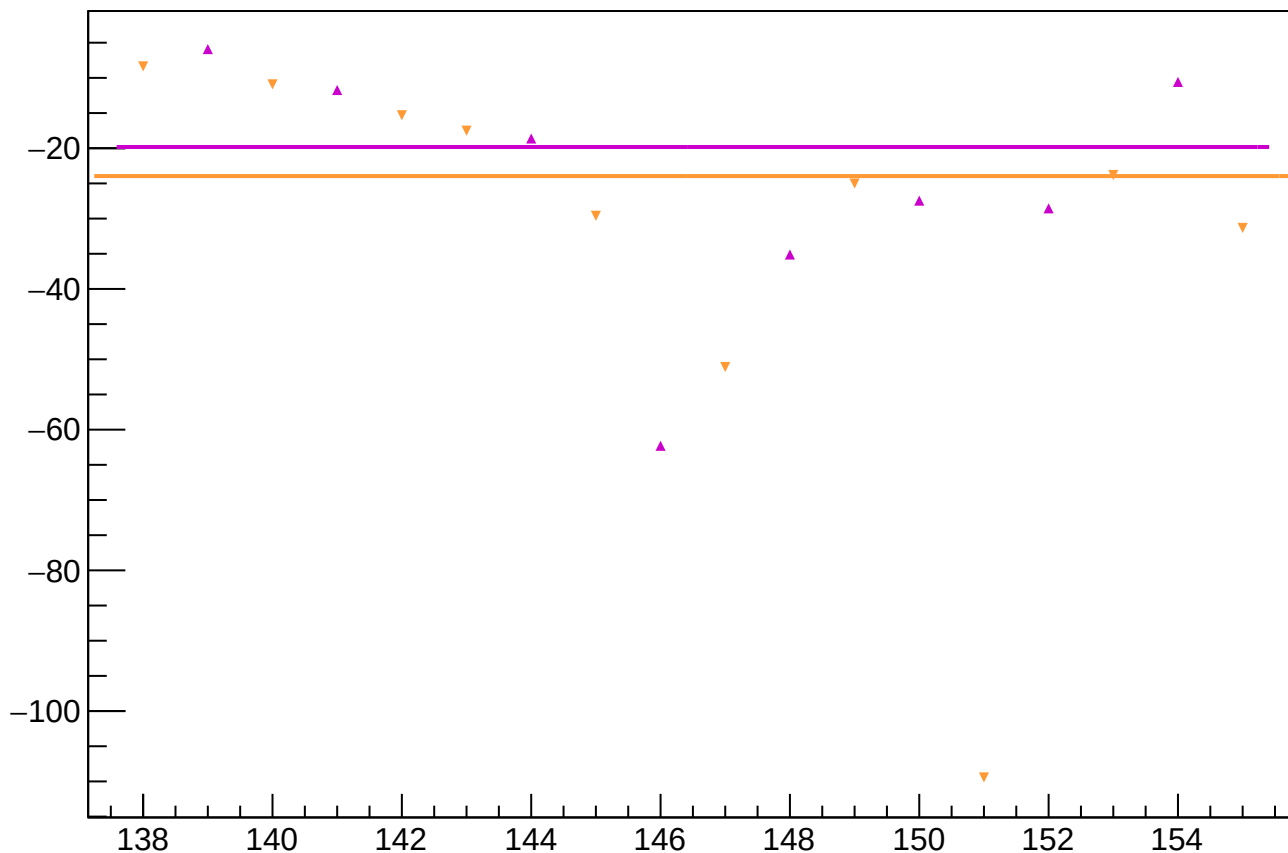
Right: 9.073 $\pm$ 0.022 χ^2 /NDF: 929756.2/35

In: -4.418 $\pm$ 0.017 χ^2 /NDF: 738512.4/24

Out: -4.615 $\pm$ 0.017 χ^2 /NDF: 1119645.6/28

All: -4.516 $\pm$ 0.012 χ^2 /NDF: 1858226.4/53

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.959+/-0.088 χ^2/NDF :49698.2/9

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

Left In: -19.825+/-0.080 χ^2/NDF :33489.1/7

Left: -21.691+/-0.059 χ^2/NDF : 84407.1/17

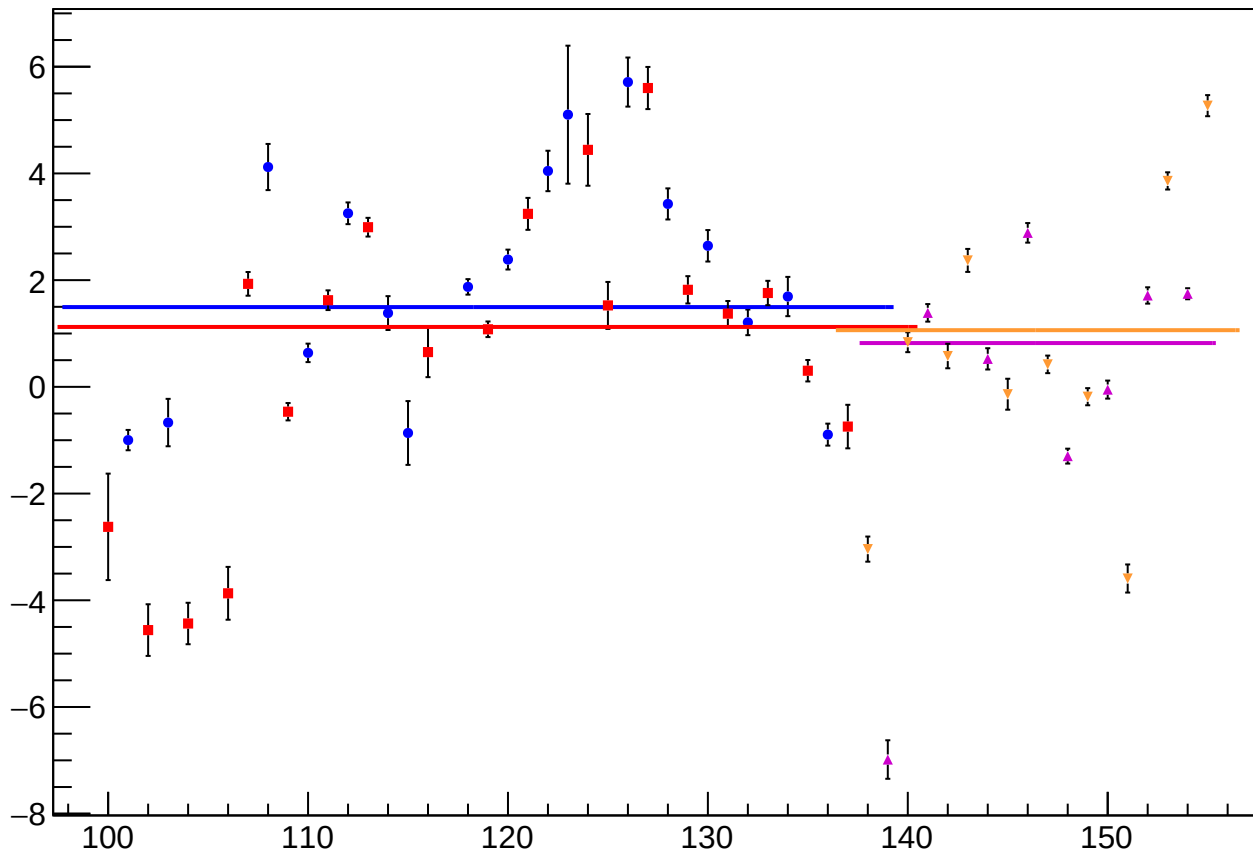
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.825+/-0.080 χ^2/NDF :33489.1/7

Out: -23.959+/-0.088 χ^2/NDF :49698.2/9

All: -21.691+/-0.059 χ^2/NDF : 84407.1/17

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 $\pm$ 0.061 χ^2/NDF : 708.8/16

Left Out: 1.062 $\pm$ 0.063 χ^2/NDF :1504.9/9

Right Out: 1.123 $\pm$ 0.058 χ^2/NDF : 946.5/18

Left In: 0.821 $\pm$ 0.056 χ^2/NDF :978.3/7

Left: 0.927 $\pm$ 0.042 χ^2/NDF : 2491.5/17

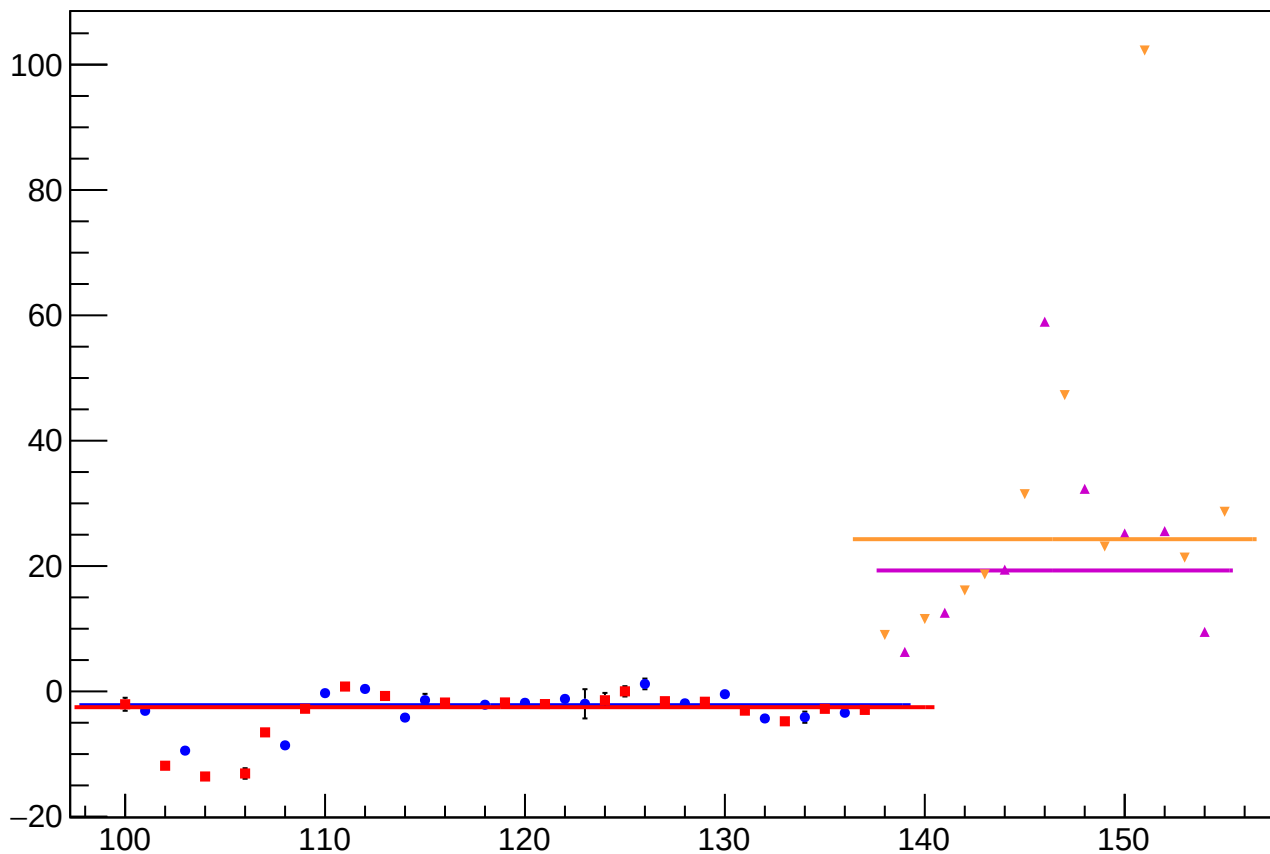
Right: 1.300 $\pm$ 0.042 χ^2/NDF : 1674.8/35

In: 1.127 $\pm$ 0.041 χ^2/NDF :1753.6/24

Out: 1.095 $\pm$ 0.043 χ^2/NDF :2451.8/28

All: 1.112 $\pm$ 0.030 χ^2/NDF : 4205.8/53

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: 24.286 ± 0.088 χ^2/NDF : 43938.0/9

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

Left In: 19.296 ± 0.078 χ^2/NDF : 30641.1/7

Left: 21.491 ± 0.058 χ^2/NDF : 76390.0/17

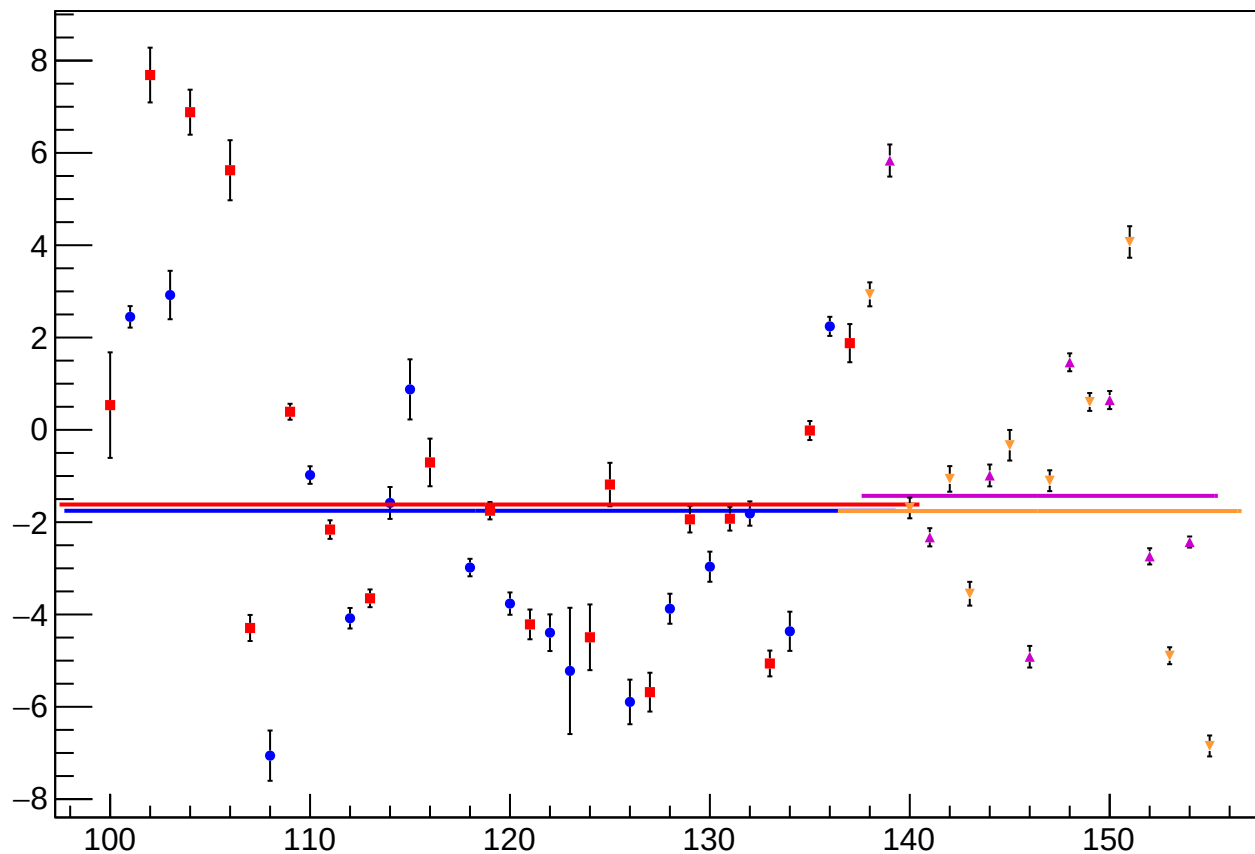
Right: -2.378 ± 0.074 χ^2/NDF : 1368.9/35

In: 12.181 ± 0.064 χ^2/NDF : 56381.0/24

Out: 12.483 ± 0.066 χ^2/NDF : 85915.8/28

All: 12.327 ± 0.046 χ^2/NDF : 142307.7/53

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: -1.759 ± 0.075 χ^2/NDF : 1643.4/9

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

Left In: -1.430 ± 0.067 χ^2/NDF : 1142.6/7

Left: -1.574 ± 0.050 χ^2/NDF : 2796.7/17

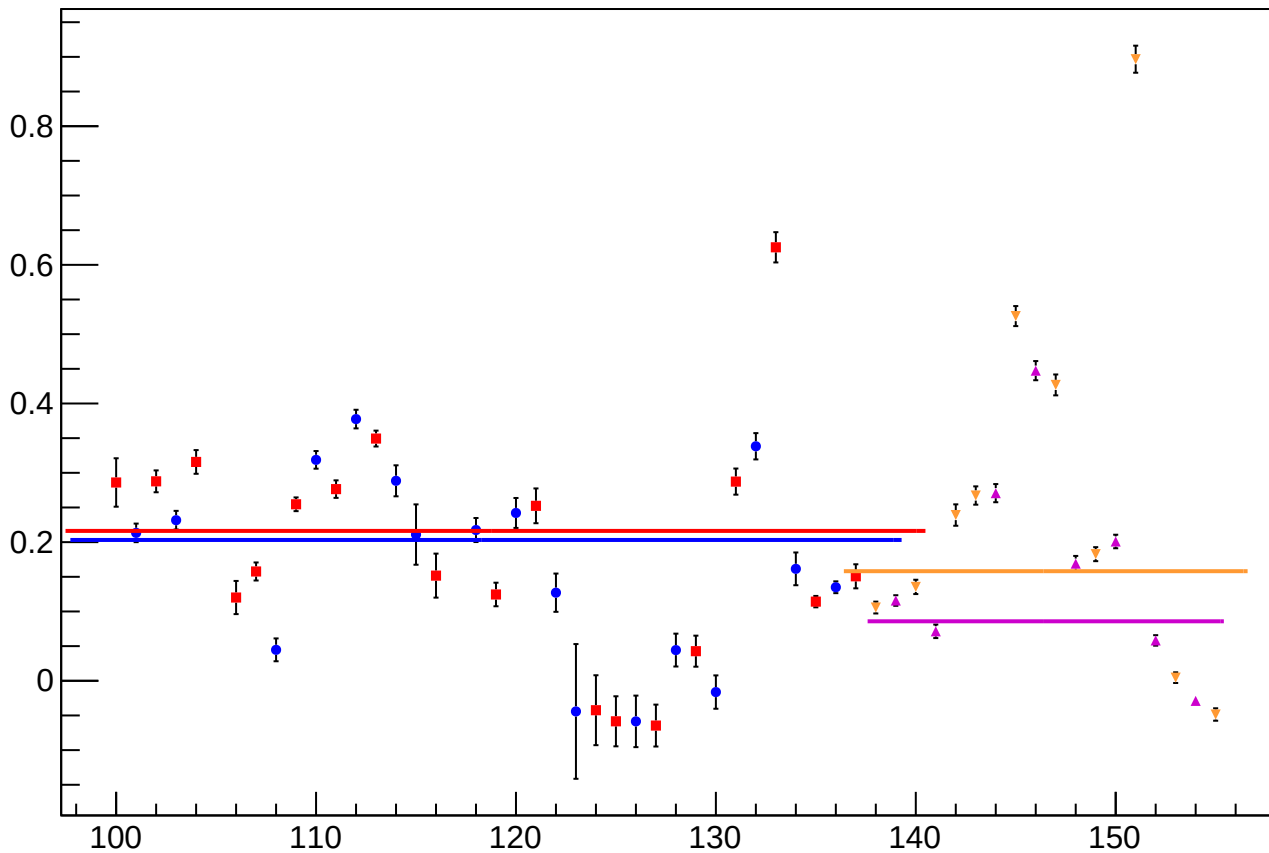
Right: -1.681 ± 0.048 χ^2/NDF : 2834.6/35

In: -1.583 ± 0.048 χ^2/NDF : 2498.8/24

Out: -1.678 ± 0.050 χ^2/NDF : 3133.0/28

All: -1.629 ± 0.035 χ^2/NDF : 5633.7/53

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: 0.158 ± 0.003 χ^2/NDF : 3471.5/9

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

Left In: 0.086 ± 0.003 χ^2/NDF : 1651.4/7

Left: 0.116 ± 0.002 χ^2/NDF : 5377.4/17

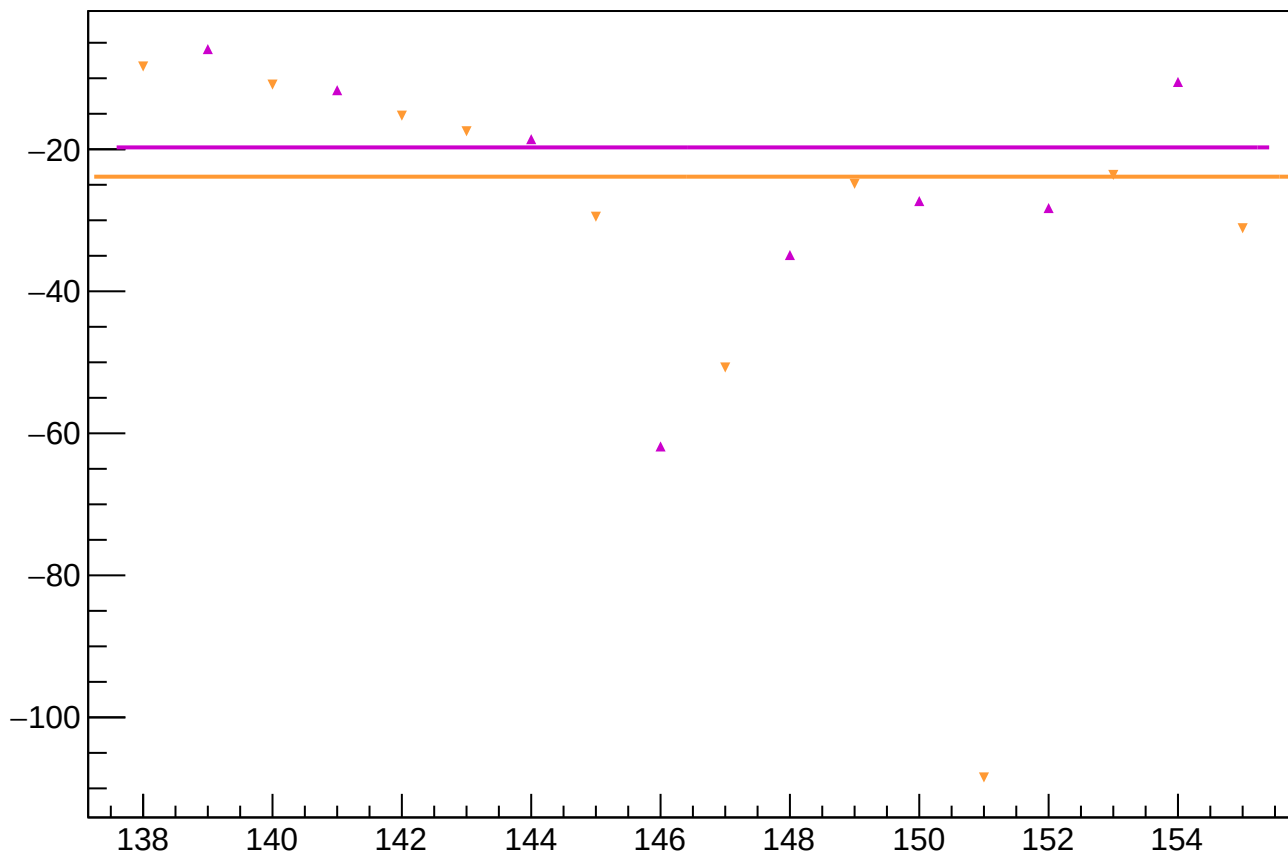
Right: 0.210 ± 0.003 χ^2/NDF : 1750.0/35

In: 0.125 ± 0.002 χ^2/NDF : 2864.3/24

Out: 0.185 ± 0.003 χ^2/NDF : 4671.0/28

All: 0.154 ± 0.002 χ^2/NDF : 7833.3/53

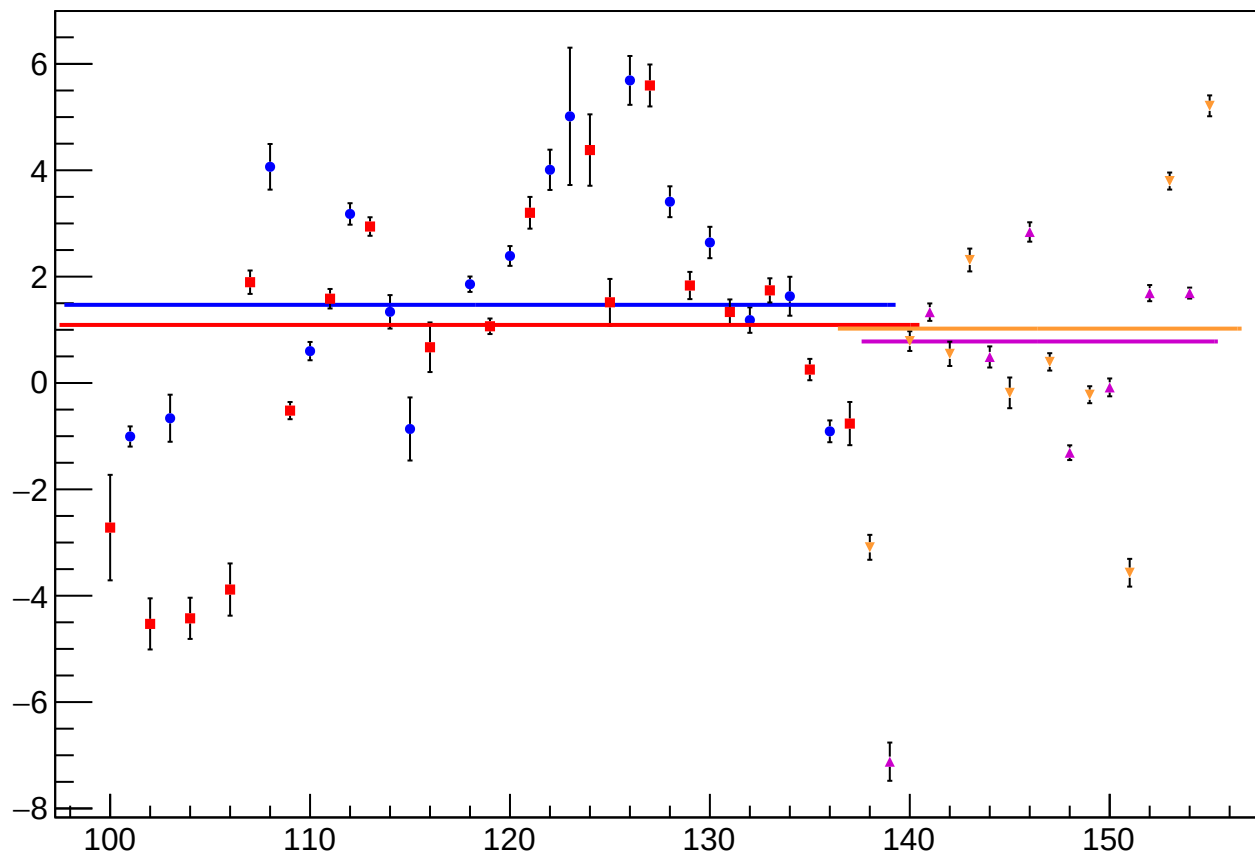
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -23.859+/-0.087 χ^2 /NDF:49569.2/9
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -19.735+/-0.079 χ^2 /NDF:33411.4/7

Left: -21.596+/-0.059 χ^2 /NDF: 84209.0/17
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -19.735+/-0.079 χ^2 /NDF:33411.4/7
 Out: -23.859+/-0.087 χ^2 /NDF:49569.2/9
 All: -21.596+/-0.059 χ^2 /NDF: 84209.0/17

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: 1.022 ± 0.062 χ^2/NDF : 1508.1/9

Right Out: 1.092 ± 0.058 χ^2/NDF : 952.1/18

Left In: 0.781 ± 0.055 χ^2/NDF : 992.2/7

Left: 0.887 ± 0.041 χ^2/NDF : 2508.7/17

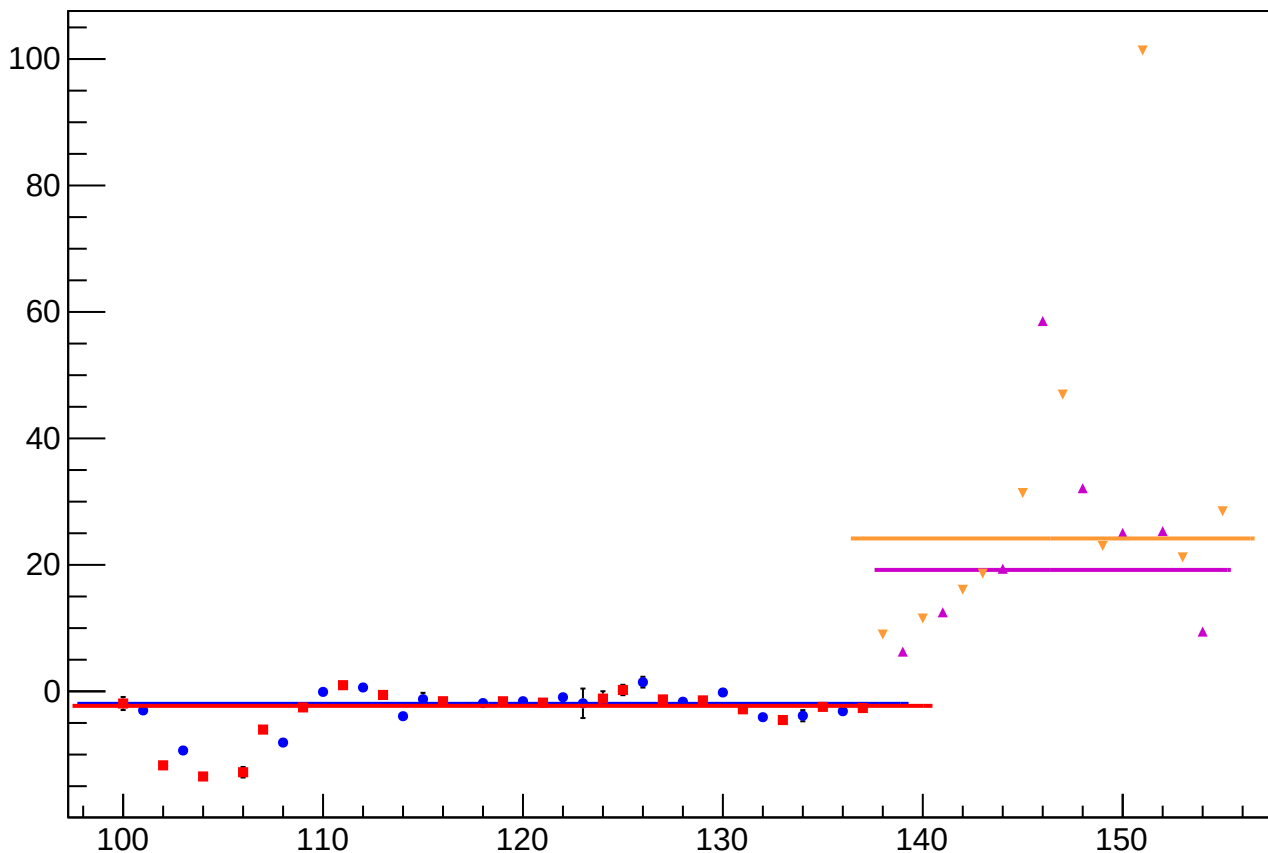
Right: 1.272 ± 0.042 χ^2/NDF : 1680.2/35

In: 1.093 ± 0.041 χ^2/NDF : 1770.2/24

Out: 1.060 ± 0.042 χ^2/NDF : 2460.9/28

All: 1.077 ± 0.029 χ^2/NDF : 4231.4/53

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: 24.177 ± 0.087 χ^2/NDF : 43825.9/9

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

Left In: 19.204 ± 0.077 χ^2/NDF : 30575.3/7

Left: 21.391 ± 0.058 χ^2/NDF : 76221.4/17

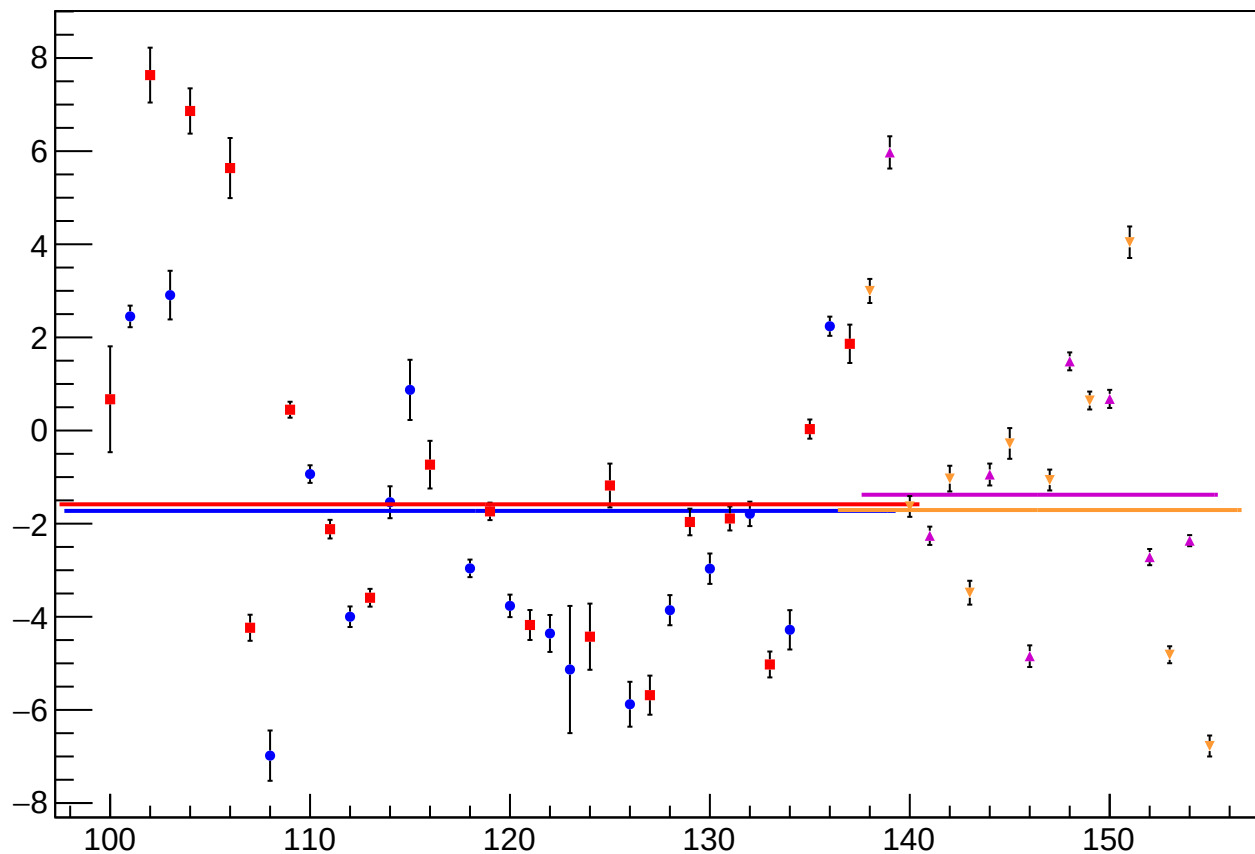
Right: -2.153 ± 0.073 χ^2/NDF : 1375.0/35

In: 12.206 ± 0.063 χ^2/NDF : 55848.5/24

Out: 12.532 ± 0.065 χ^2/NDF : 85241.9/28

All: 12.364 ± 0.045 χ^2/NDF : 141103.2/53

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: -1.708 ± 0.075 χ^2/NDF : 1647.9/9

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

Left In: -1.379 ± 0.066 χ^2/NDF : 1158.1/7

Left: -1.523 ± 0.050 χ^2/NDF : 2816.9/17

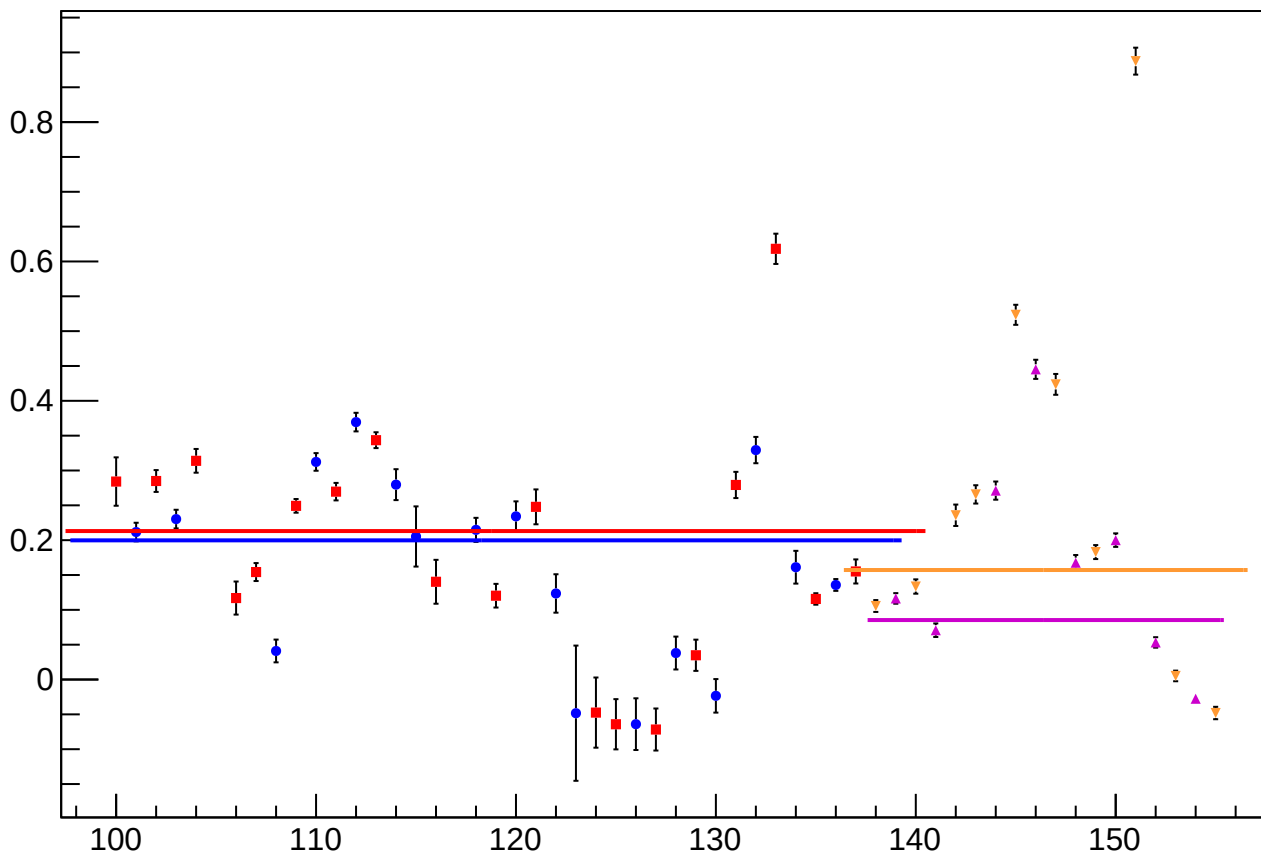
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -1.543 ± 0.048 χ^2/NDF : 2512.6/24

Out: -1.638 ± 0.049 χ^2/NDF : 3142.3/28

All: -1.589 ± 0.034 χ^2/NDF : 5656.8/53

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 $\pm$ 0.004 χ^2 /NDF: 662.5/16

Left Out: 0.157 $\pm$ 0.003 χ^2 /NDF:3462.3/9

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

Left In: 0.085 $\pm$ 0.003 χ^2 /NDF:1654.8/7

Left: 0.116 $\pm$ 0.002 χ^2 /NDF: 5371.3/17

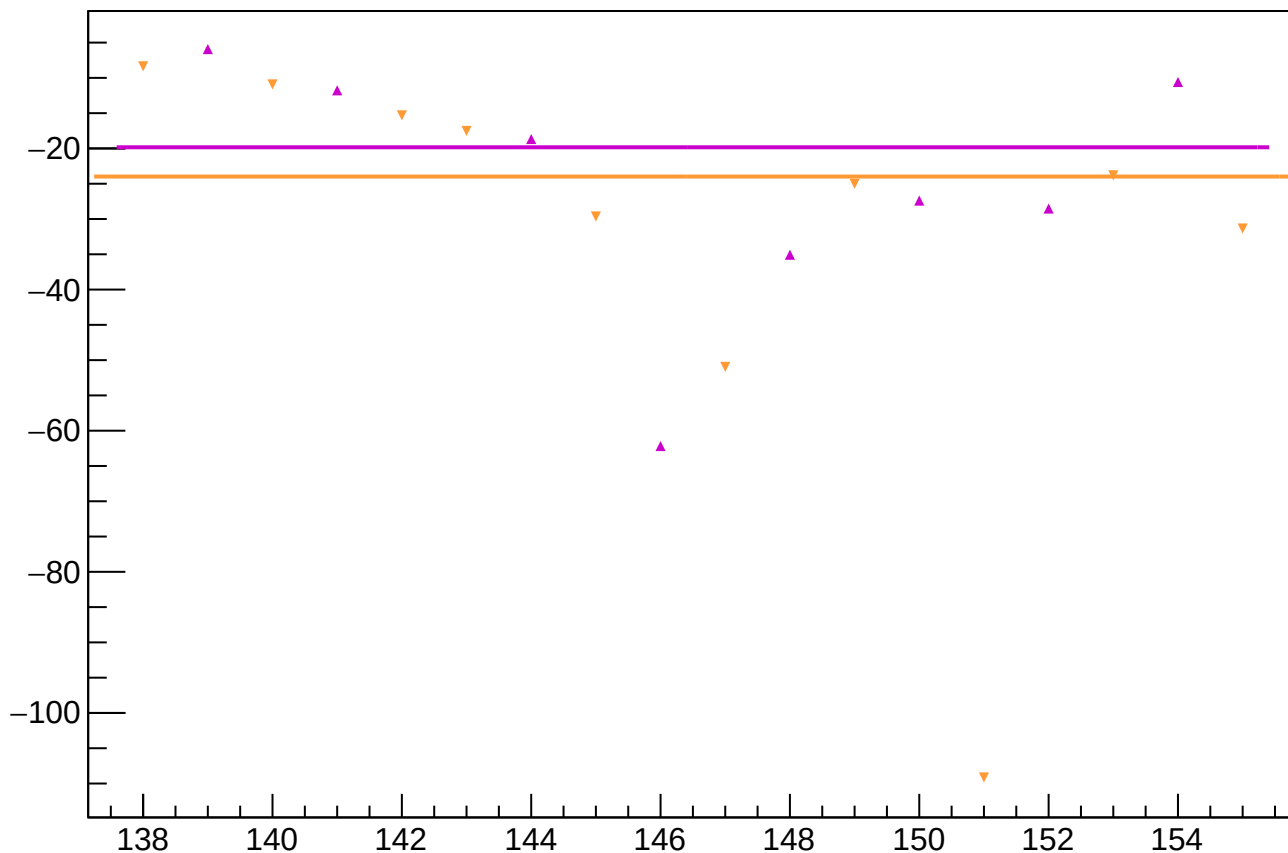
Right: 0.207 $\pm$ 0.003 χ^2 /NDF: 1719.2/35

In: 0.124 $\pm$ 0.002 χ^2 /NDF:2831.8/24

Out: 0.183 $\pm$ 0.003 χ^2 /NDF:4636.9/28

All: 0.152 $\pm$ 0.002 χ^2 /NDF: 7765.4/53

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.982+/-0.088 χ^2/NDF :49685.9/9

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

Left In: -19.835+/-0.079 χ^2/NDF :33477.3/7

Left: -21.706+/-0.059 χ^2/NDF : 84395.1/17

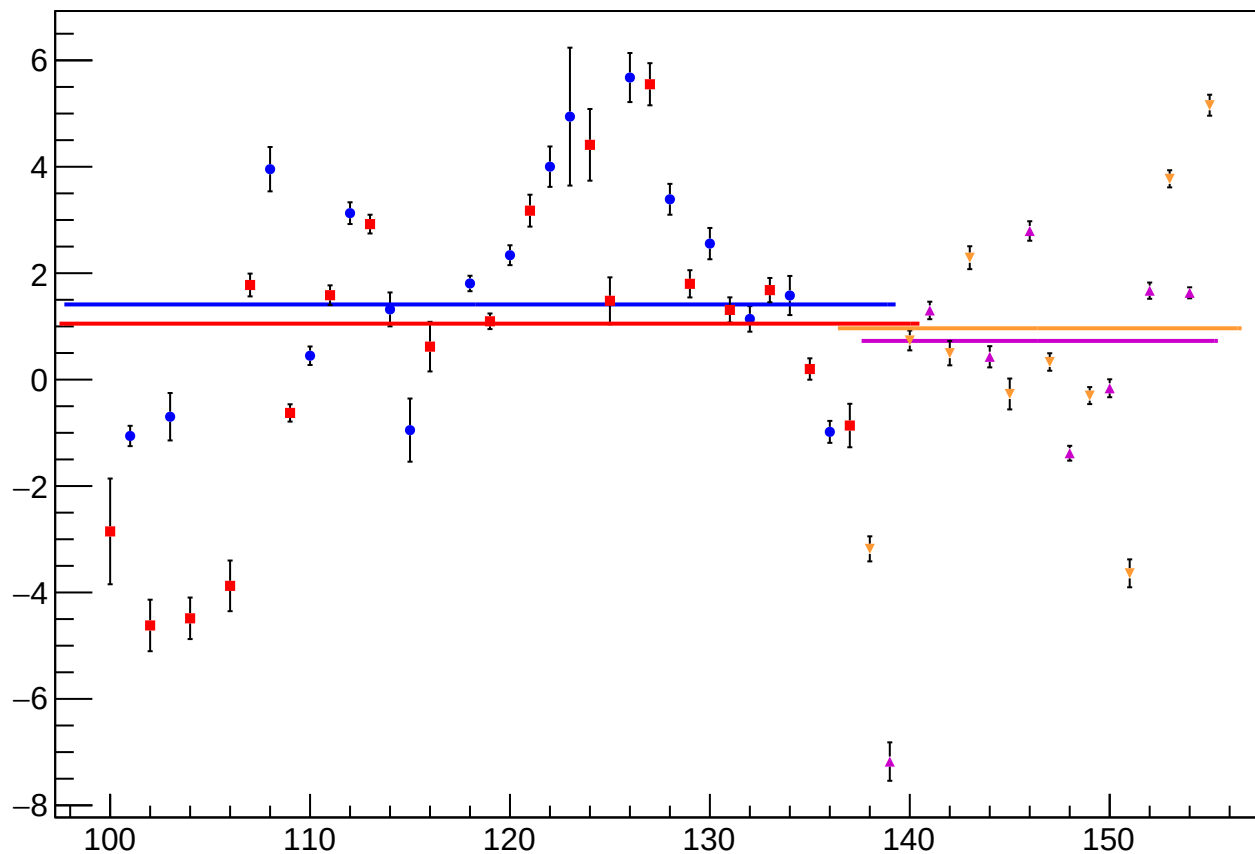
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.835+/-0.079 χ^2/NDF :33477.3/7

Out: -23.982+/-0.088 χ^2/NDF :49685.9/9

All: -21.706+/-0.059 χ^2/NDF : 84395.1/17

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 ± 0.061 $\chi^2/\text{NDF}: 713.9/16$

Left Out: 0.965 ± 0.063 $\chi^2/\text{NDF}: 1513.2/9$

Right Out: 1.052 ± 0.058 $\chi^2/\text{NDF}: 963.3/18$

Left In: 0.727 ± 0.056 $\chi^2/\text{NDF}: 993.3/7$

Left: 0.832 ± 0.042 $\chi^2/\text{NDF}: 2514.6/17$

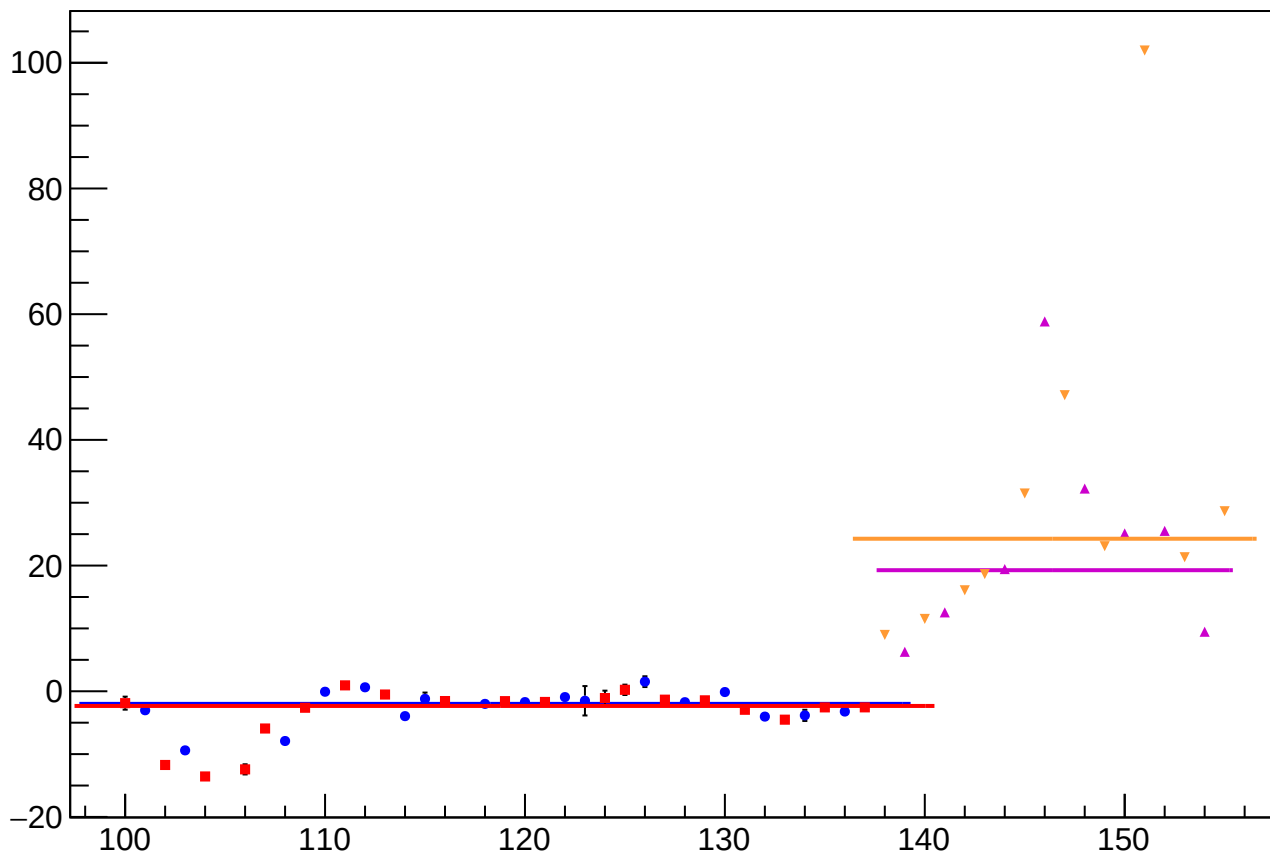
Right: 1.223 ± 0.042 $\chi^2/\text{NDF}: 1695.5/35$

In: 1.038 ± 0.041 $\chi^2/\text{NDF}: 1776.0/24$

Out: 1.012 ± 0.043 $\chi^2/\text{NDF}: 2477.6/28$

All: 1.025 ± 0.030 $\chi^2/\text{NDF}: 4253.8/53$

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: 24.270 ± 0.088 χ^2/NDF : 43924.6/9

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

Left In: 19.264 ± 0.078 χ^2/NDF : 30647.0/7

Left: 21.465 ± 0.058 χ^2/NDF : 76400.7/17

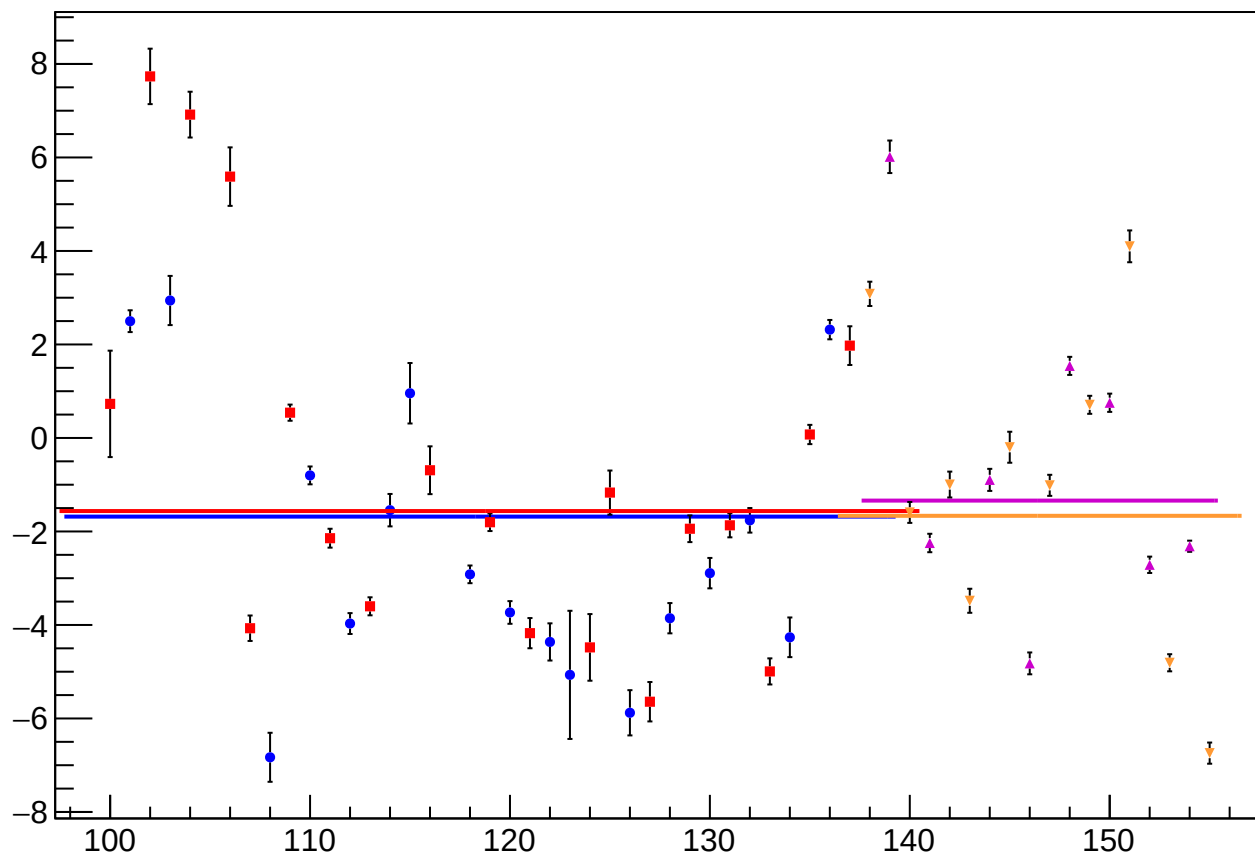
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: 12.250 ± 0.064 χ^2/NDF : 55890.0/24

Out: 12.572 ± 0.066 χ^2/NDF : 85367.3/28

All: 12.406 ± 0.046 χ^2/NDF : 141269.7/53

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: -1.665 ± 0.075 χ^2/NDF : 1654.1/9

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

Left In: -1.340 ± 0.066 χ^2/NDF : 1159.4/7

Left: -1.482 ± 0.050 χ^2/NDF : 2824.0/17

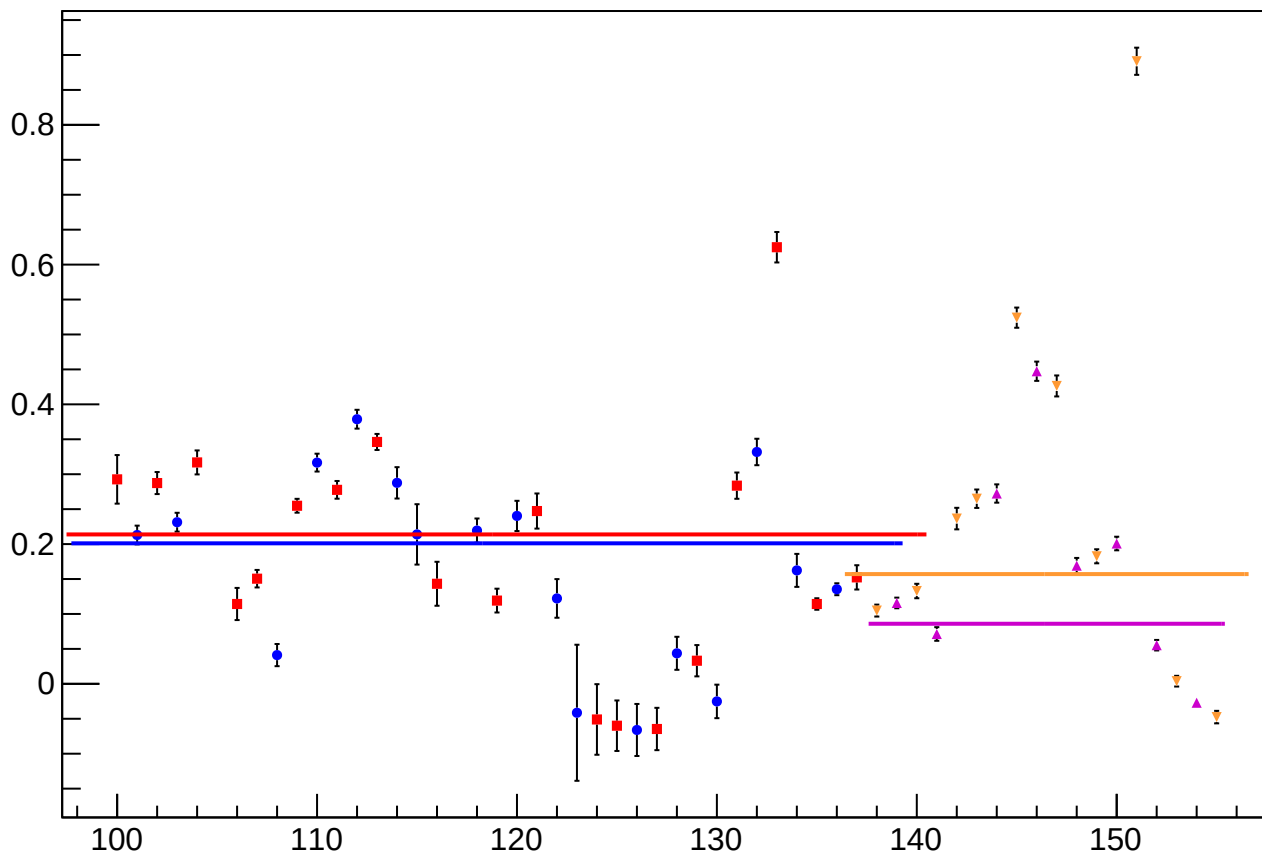
Right: -1.619 ± 0.048 χ^2/NDF : 2854.1/35

In: -1.501 ± 0.048 χ^2/NDF : 2519.8/24

Out: -1.607 ± 0.049 χ^2/NDF : 3159.8/28

All: -1.553 ± 0.035 χ^2/NDF : 5681.9/53

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 $\pm$ 0.004 χ^2 /NDF: 691.3/16

Left Out: 0.157 $\pm$ 0.003 χ^2 /NDF:3455.1/9

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1083.1/18

Left In: 0.086 $\pm$ 0.003 χ^2 /NDF:1649.2/7

Left: 0.116 $\pm$ 0.002 χ^2 /NDF: 5351.3/17

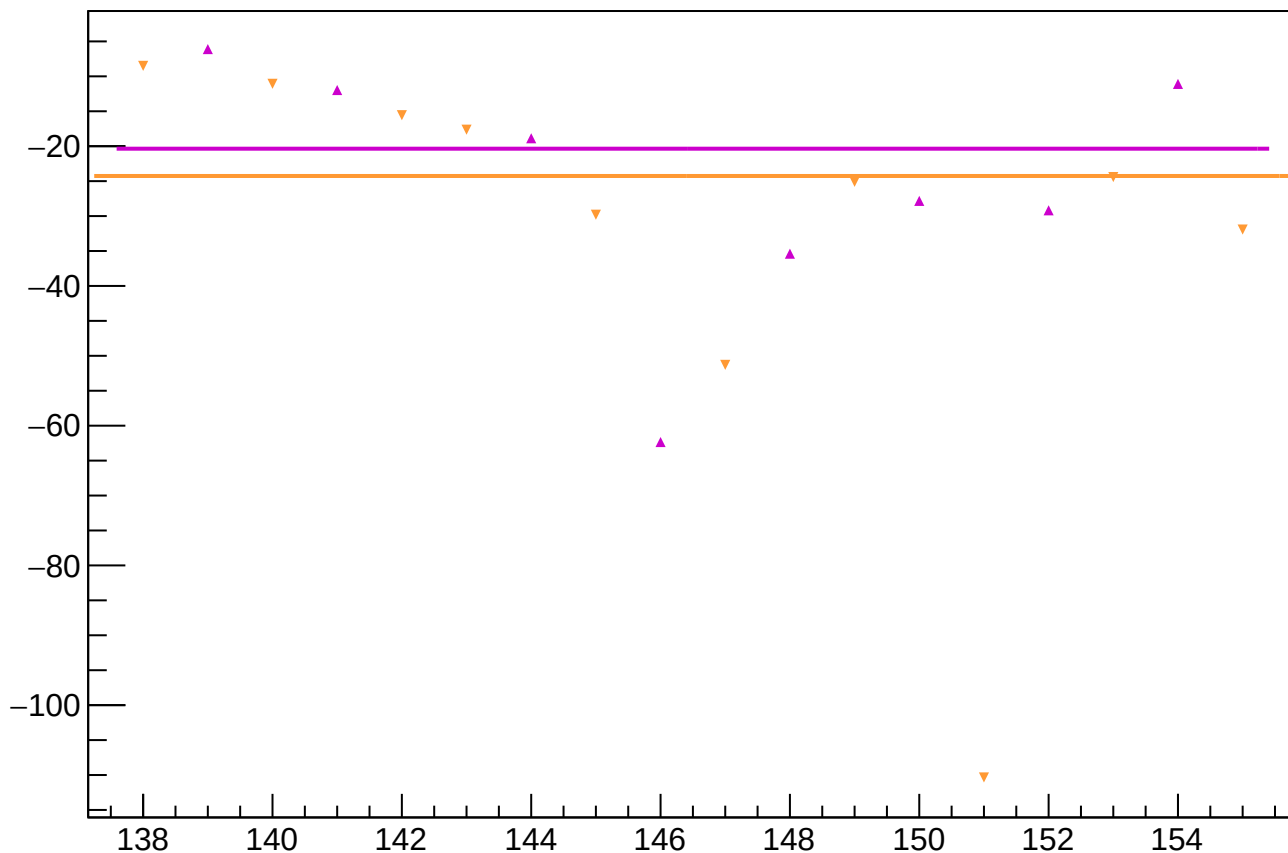
Right: 0.208 $\pm$ 0.003 χ^2 /NDF: 1779.7/35

In: 0.125 $\pm$ 0.002 χ^2 /NDF:2857.9/24

Out: 0.184 $\pm$ 0.003 χ^2 /NDF:4664.9/28

All: 0.153 $\pm$ 0.002 χ^2 /NDF: 7812.3/53

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.262+/-0.089 χ^2/NDF :49612.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.356+/-0.081 χ^2/NDF :32689.0/7

Left: -22.134+/-0.060 χ^2/NDF : 83360.4/17

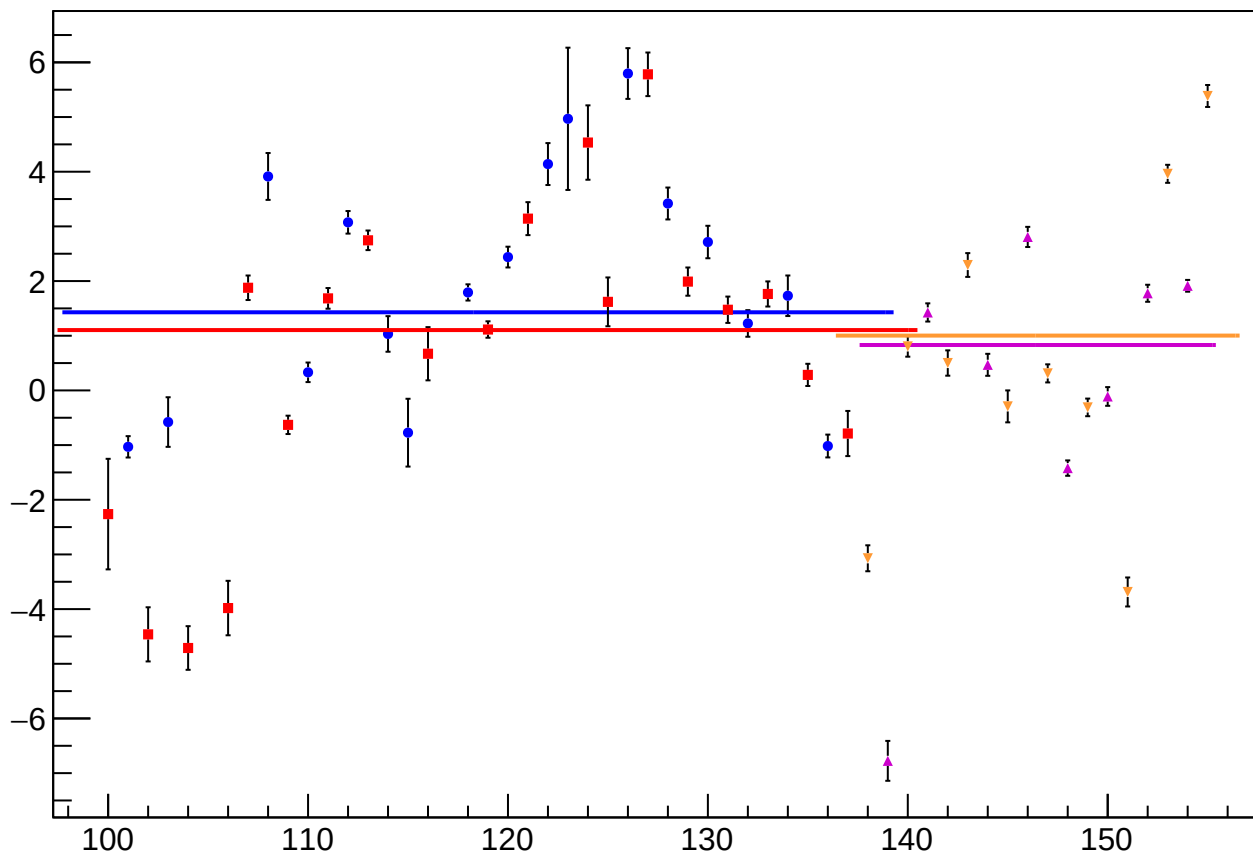
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.356+/-0.081 χ^2/NDF :32689.0/7

Out: -24.262+/-0.089 χ^2/NDF :49612.7/9

All: -22.134+/-0.060 χ^2/NDF : 83360.4/17

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 ± 0.062 χ^2/NDF : 711.4/16

Left Out: 1.003 ± 0.063 χ^2/NDF : 1549.2/9

Right Out: 1.104 ± 0.059 χ^2/NDF : 936.5/18

Left In: 0.830 ± 0.057 χ^2/NDF : 989.8/7

Left: 0.907 ± 0.042 χ^2/NDF : 2543.1/17

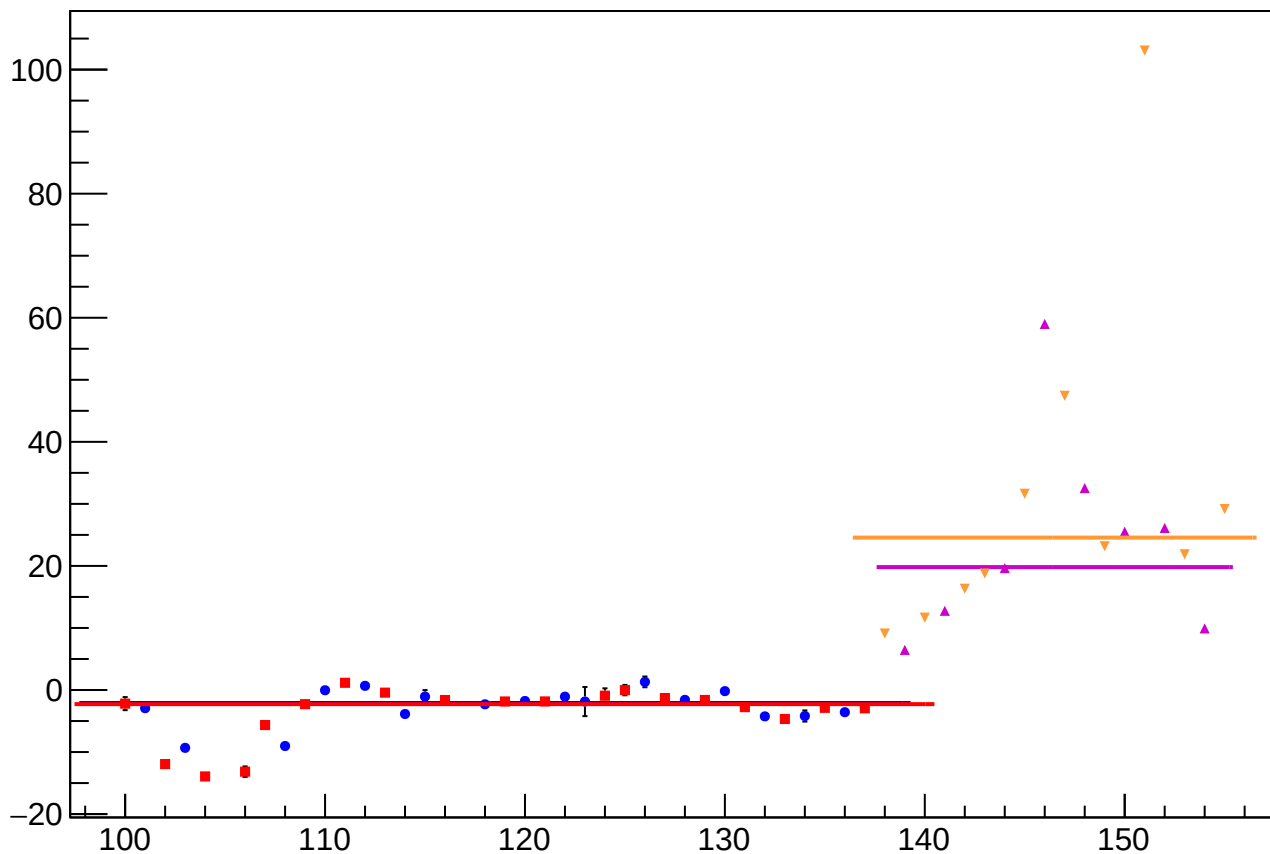
Right: 1.259 ± 0.043 χ^2/NDF : 1662.3/35

In: 1.103 ± 0.042 χ^2/NDF : 1751.7/24

Out: 1.057 ± 0.043 χ^2/NDF : 2487.1/28

All: 1.080 ± 0.030 χ^2/NDF : 4239.4/53

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 24.568 ± 0.089 χ^2/NDF : 43817.7/9

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

Left In: 19.812 ± 0.079 χ^2/NDF : 29763.2/7

Left: 21.924 ± 0.059 χ^2/NDF : 75178.5/17

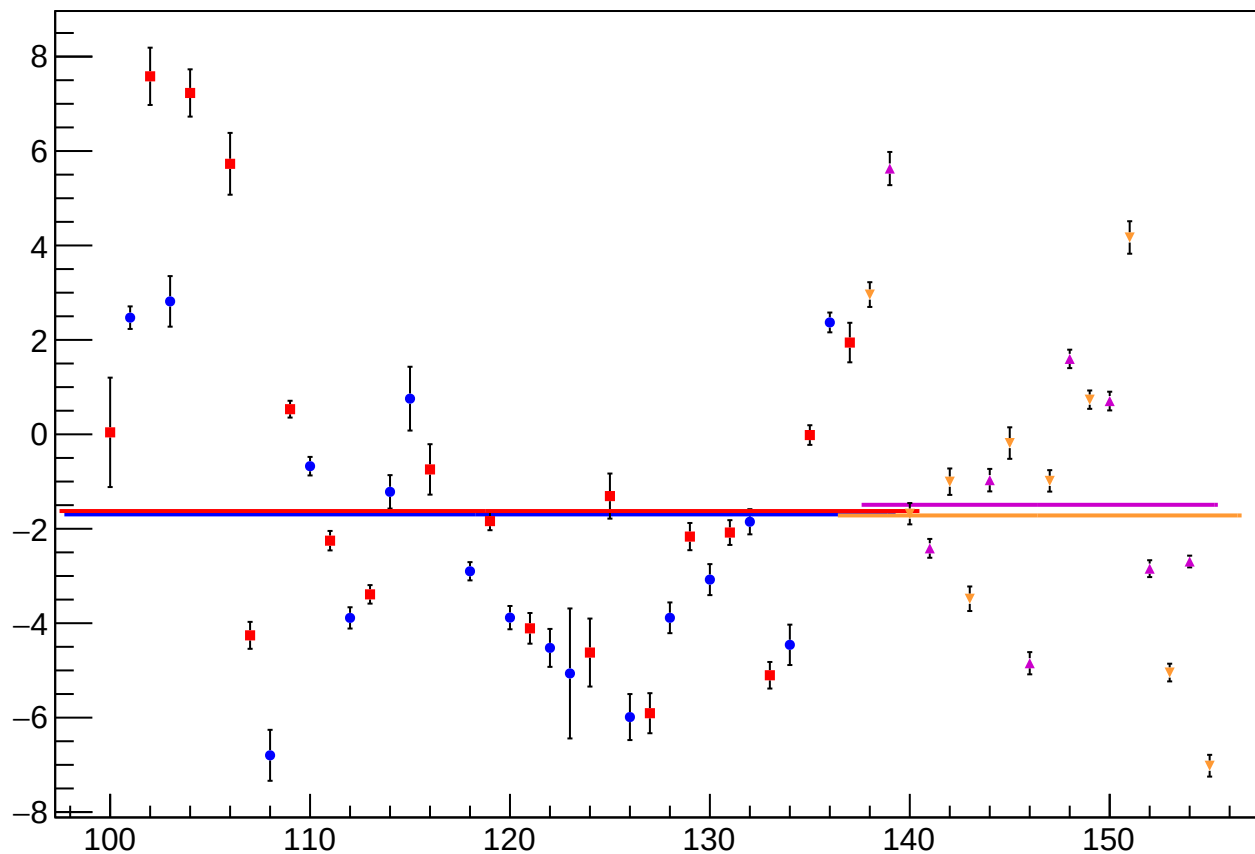
Right: -2.196 ± 0.075 χ^2/NDF : 1406.6/35

In: 12.550 ± 0.065 χ^2/NDF : 55555.7/24

Out: 12.876 ± 0.067 χ^2/NDF : 84610.3/28

All: 12.708 ± 0.046 χ^2/NDF : 140178.3/53

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696 ± 0.072 $\chi^2/\text{NDF}: 1333.3/16$

Left Out: -1.718 ± 0.076 $\chi^2/\text{NDF}: 1698.0/9$

Right Out: -1.624 ± 0.067 $\chi^2/\text{NDF}: 1467.3/18$

Left In: -1.492 ± 0.068 $\chi^2/\text{NDF}: 1163.9/7$

Left: -1.592 ± 0.051 $\chi^2/\text{NDF}: 2866.8/17$

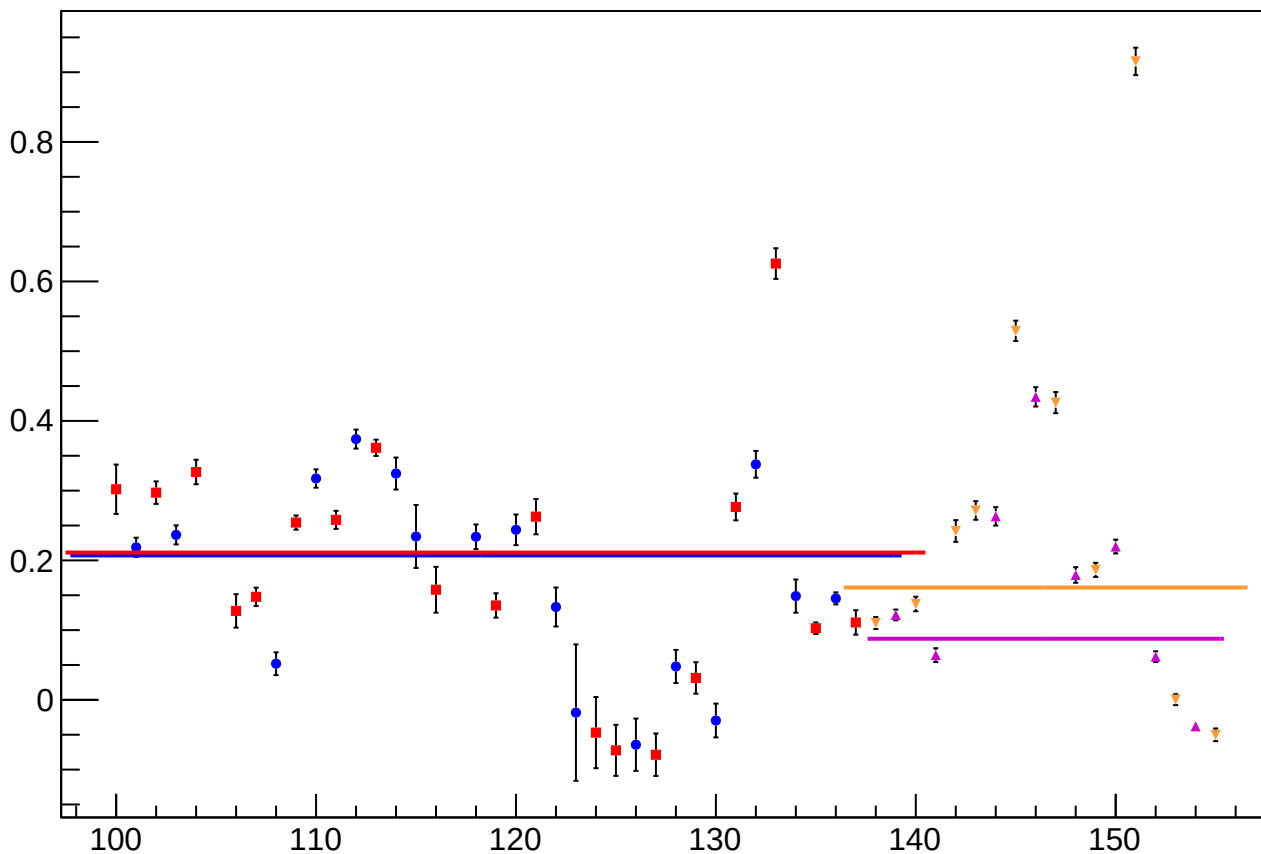
Right: -1.658 ± 0.049 $\chi^2/\text{NDF}: 2801.2/35$

In: -1.589 ± 0.049 $\chi^2/\text{NDF}: 2501.5/24$

Out: -1.665 ± 0.050 $\chi^2/\text{NDF}: 3166.2/28$

All: -1.626 ± 0.035 $\chi^2/\text{NDF}: 5668.8/53$

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: 0.161 ± 0.003 χ^2/NDF : 3515.3/9

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

Left In: 0.088 ± 0.003 χ^2/NDF : 1684.0/7

Left: 0.119 ± 0.002 χ^2/NDF : 5453.9/17

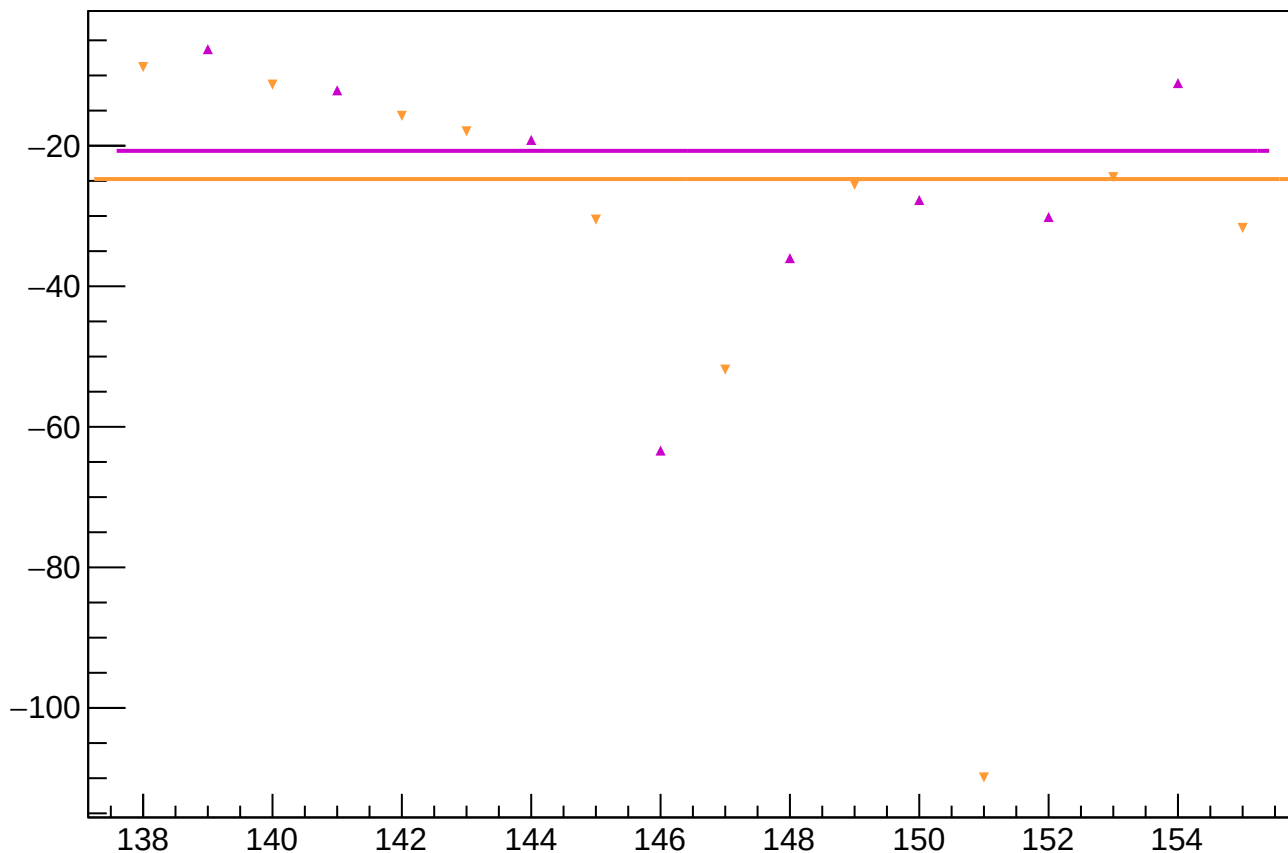
Right: 0.209 ± 0.003 χ^2/NDF : 1802.5/35

In: 0.128 ± 0.002 χ^2/NDF : 2876.4/24

Out: 0.184 ± 0.003 χ^2/NDF : 4756.6/28

All: 0.155 ± 0.002 χ^2/NDF : 7887.0/53

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -24.740+/-0.090 χ^2/NDF :48766.4/9

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

Left In: -20.726+/-0.082 χ^2/NDF :32789.5/7

Left: -22.557+/-0.061 χ^2/NDF : 82638.1/17

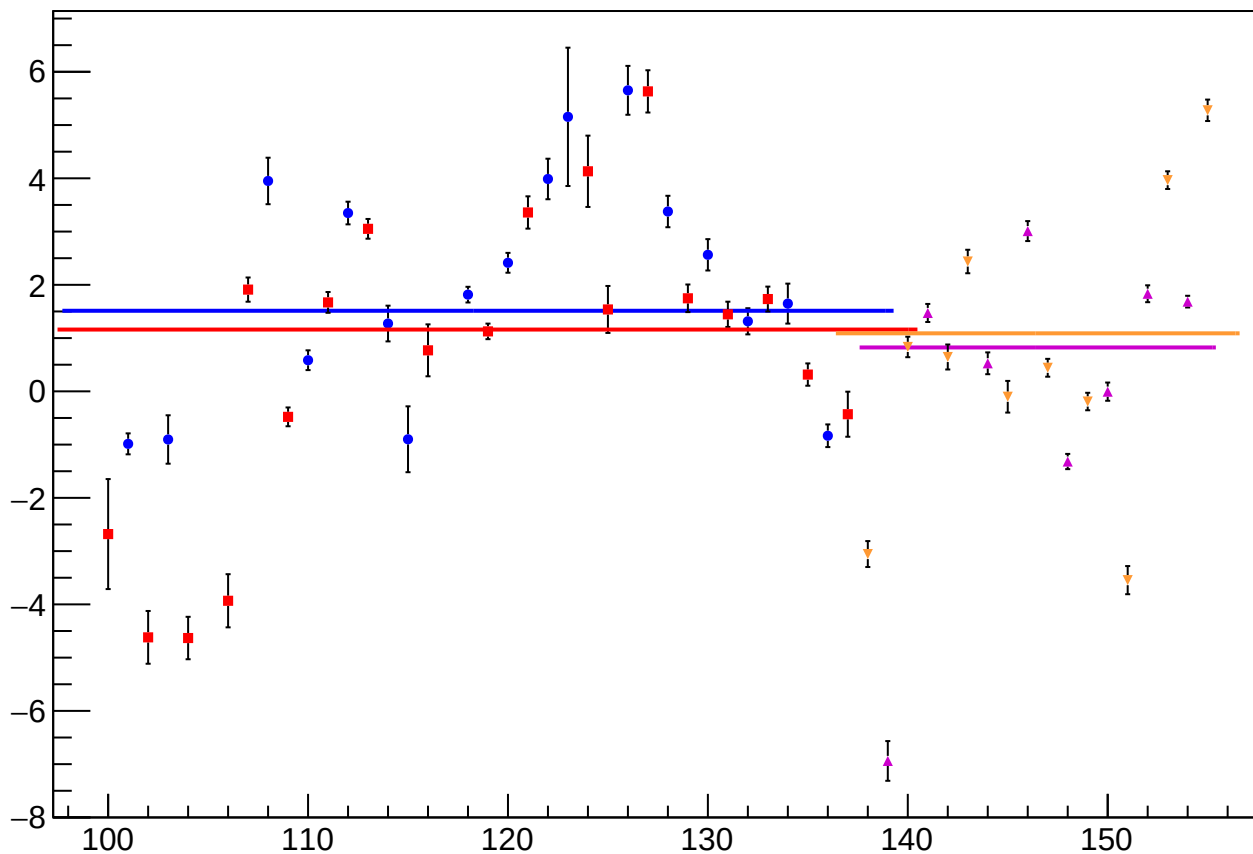
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.726+/-0.082 χ^2/NDF :32789.5/7

Out: -24.740+/-0.090 χ^2/NDF :48766.4/9

All: -22.557+/-0.061 χ^2/NDF : 82638.1/17

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 ± 0.063 χ^2/NDF : 669.7/16

Left Out: 1.089 ± 0.064 χ^2/NDF : 1464.4/9

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

Left In: 0.824 ± 0.058 χ^2/NDF : 935.5/7

Left: 0.943 ± 0.043 χ^2/NDF : 2409.3/17

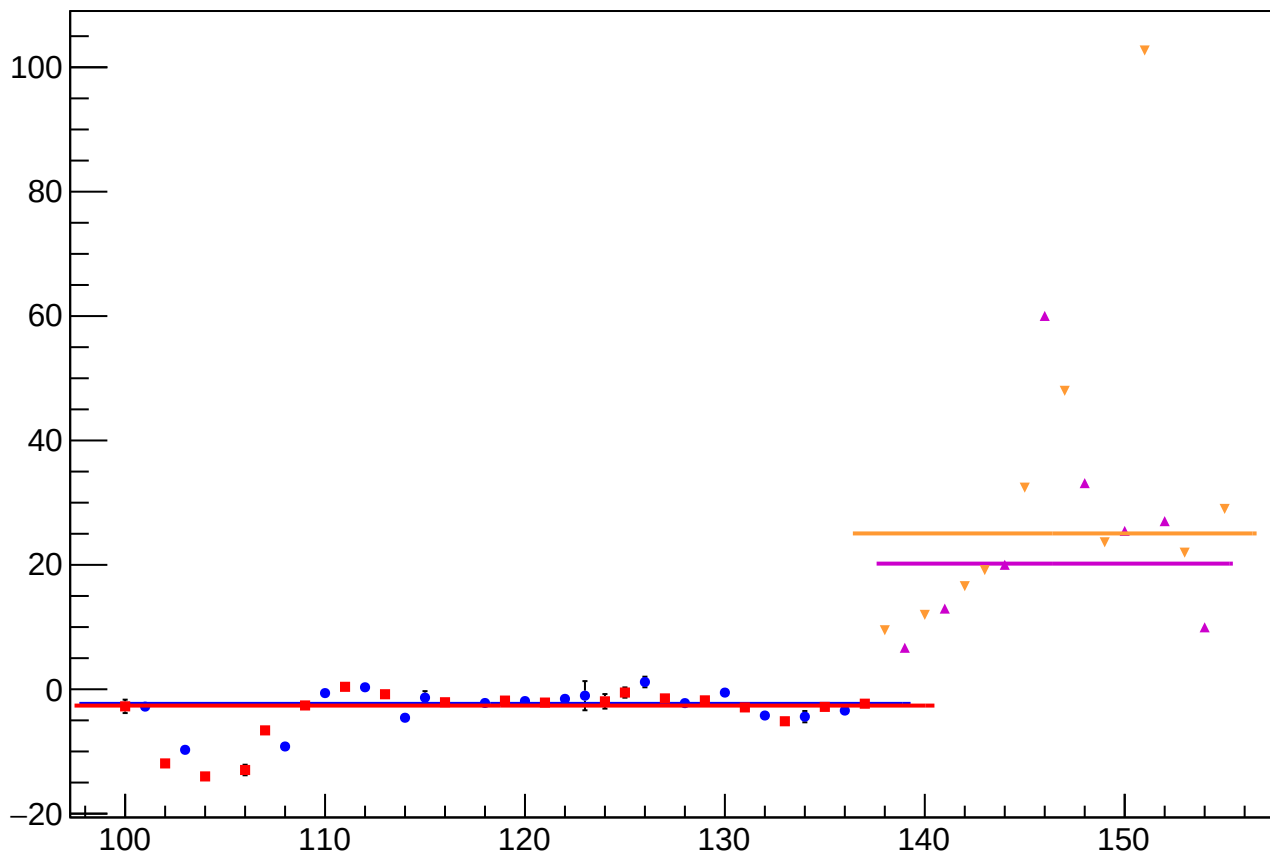
Right: 1.329 ± 0.043 χ^2/NDF : 1603.3/35

In: 1.140 ± 0.042 χ^2/NDF : 1670.5/24

Out: 1.127 ± 0.044 χ^2/NDF : 2382.1/28

All: 1.134 ± 0.031 χ^2/NDF : 4052.7/53

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: 25.053 ± 0.090 χ^2/NDF : 43080.5/9

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

Left In: 20.201 ± 0.081 χ^2/NDF : 29861.2/7

Left: 22.361 ± 0.060 χ^2/NDF : 74553.3/17

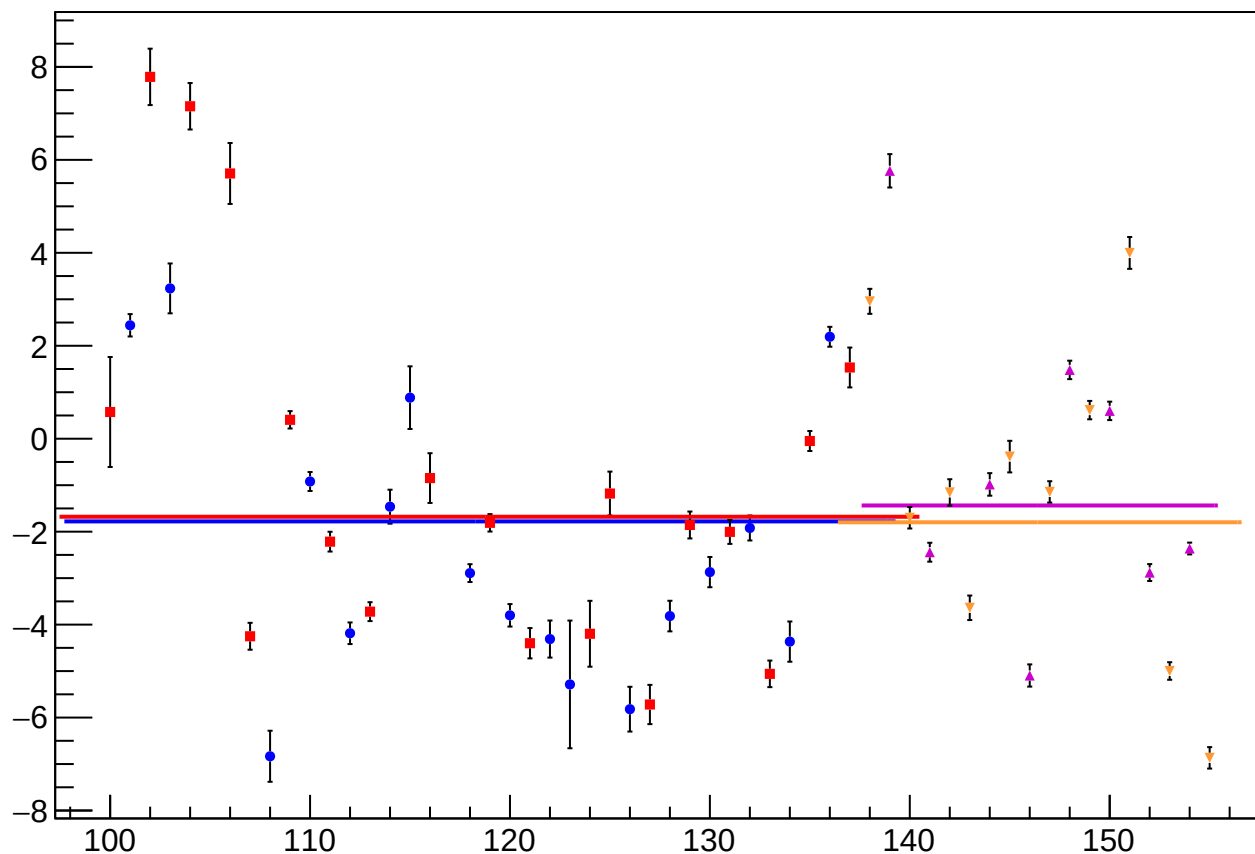
Right: -2.501 ± 0.077 χ^2/NDF : 1283.3/35

In: 12.705 ± 0.066 χ^2/NDF : 56286.3/24

Out: 13.094 ± 0.068 χ^2/NDF : 84743.8/28

All: 12.894 ± 0.047 χ^2/NDF : 141047.1/53

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: -1.798 ± 0.077 χ^2/NDF : 1595.0/9

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

Left In: -1.437 ± 0.069 χ^2/NDF : 1101.3/7

Left: -1.597 ± 0.051 χ^2/NDF : 2708.4/17

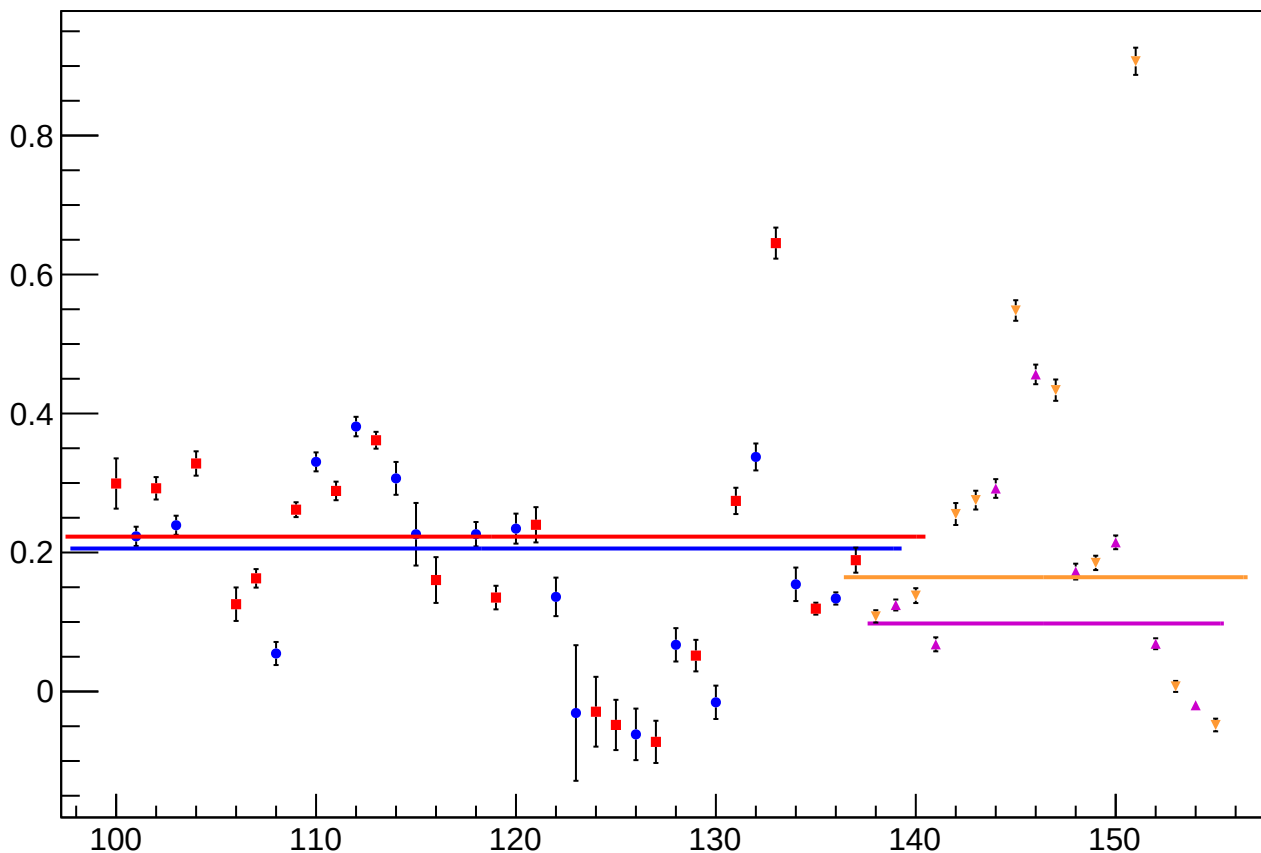
Right: -1.726 ± 0.050 χ^2/NDF : 2702.6/35

In: -1.600 ± 0.050 χ^2/NDF : 2385.1/24

Out: -1.731 ± 0.051 χ^2/NDF : 3025.9/28

All: -1.664 ± 0.036 χ^2/NDF : 5414.3/53

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: 0.164 ± 0.004 χ^2/NDF : 3504.7/9

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.098 ± 0.003 χ^2/NDF : 1577.6/7

Left: 0.126 ± 0.002 χ^2/NDF : 5285.0/17

Right: 0.215 ± 0.003 χ^2/NDF : 1702.9/35

In: 0.135 ± 0.002 χ^2/NDF : 2653.6/24

Out: 0.191 ± 0.003 χ^2/NDF : 4672.0/28

All: 0.162 ± 0.002 χ^2/NDF : 7575.4/53