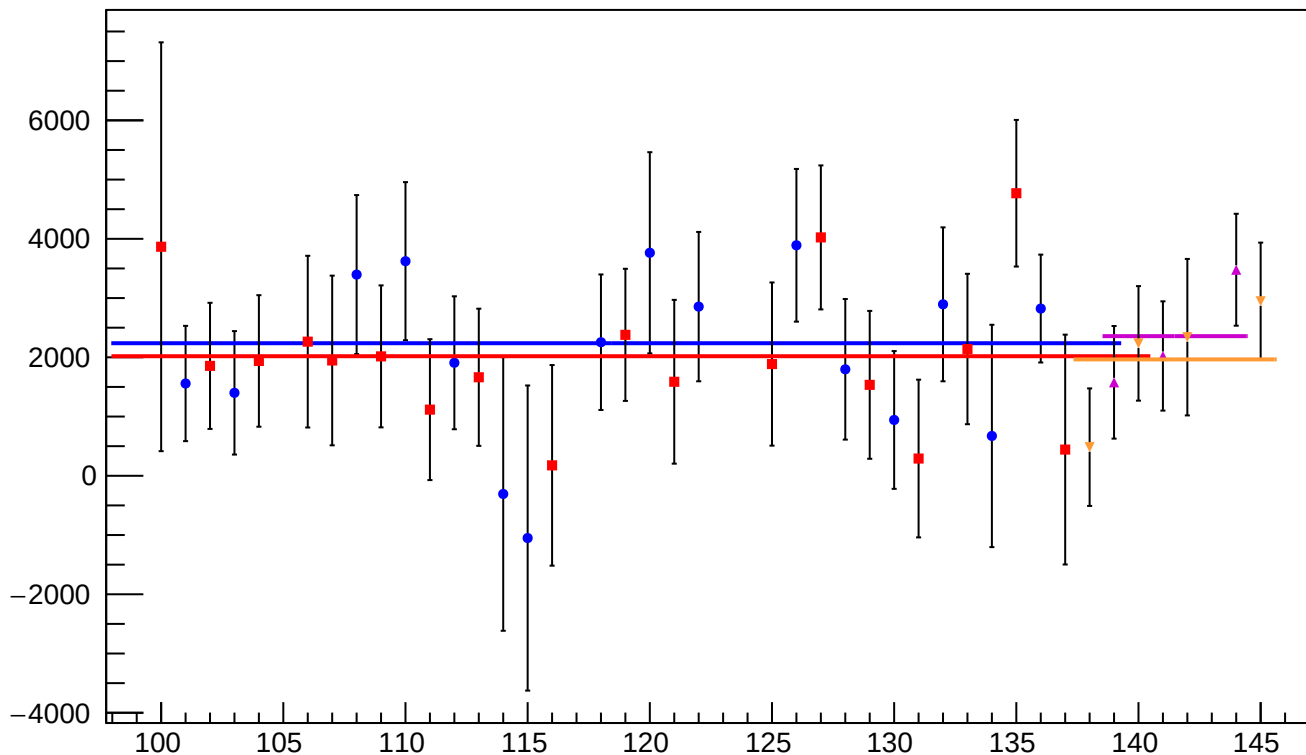


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

Left Out: 1964.457+/-521.378

Right Out: 2018.625+/-308.362

Left In: 2357.160+/-542.094

χ^2/NDF : 11.3/15

χ^2/NDF : 3.4/3

χ^2/NDF : 12.6/17

χ^2/NDF : 2.2/2

Left: 2153.162+/-375.780

Right: 2126.067+/-220.232

In: 2267.974+/-272.126

Out: 2004.587+/-265.416

All: 2132.994+/-190.005

χ^2/NDF : 5.9/6

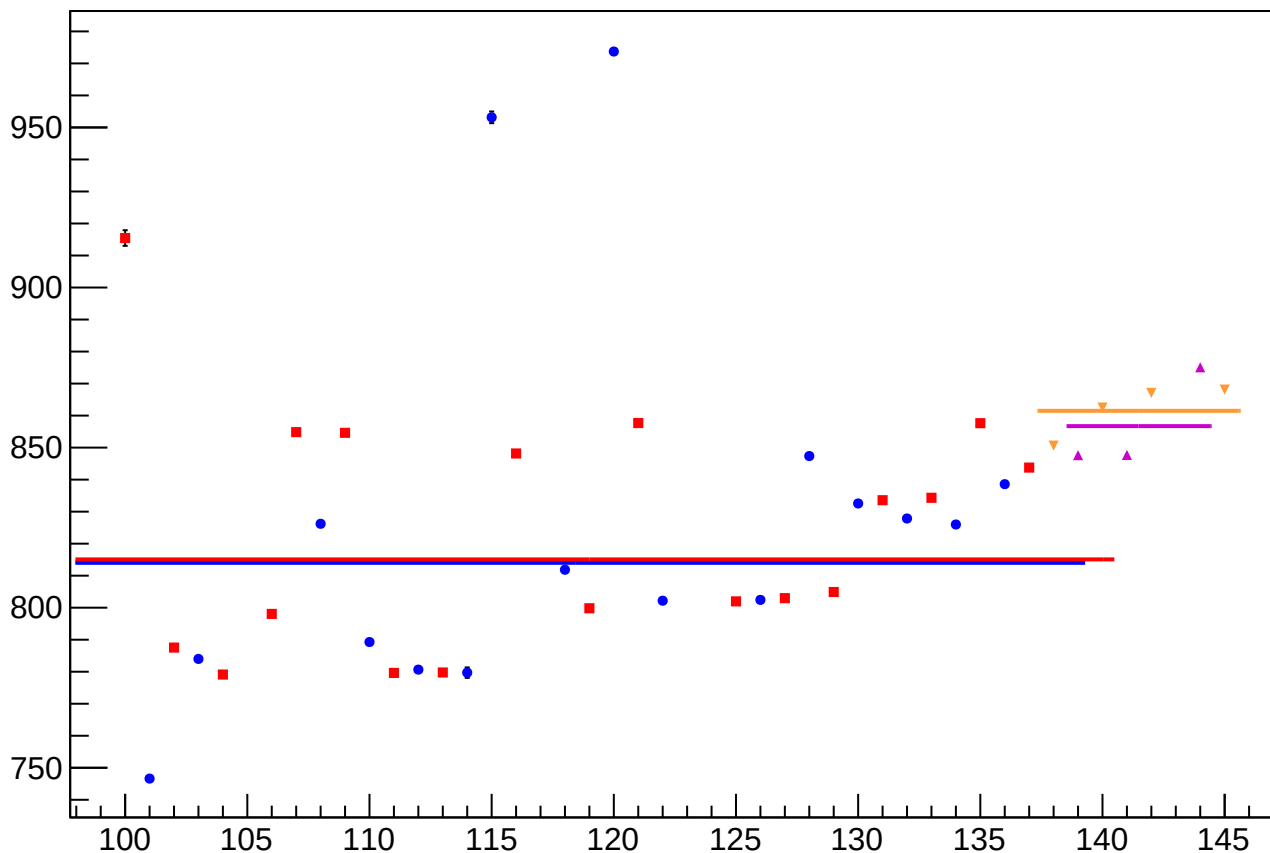
χ^2/NDF : 24.1/33

χ^2/NDF : 13.6/18

χ^2/NDF : 16.0/21

χ^2/NDF : 30.0/40

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 814.021 $\pm$ 0.222 χ^2 /NDF: 42041.6/15

Left Out: 861.490 $\pm$ 0.369 χ^2 /NDF:367.6/3

Right Out: 815.084 $\pm$ 0.218 χ^2 /NDF: 19959.3/17

Left In: 856.710 $\pm$ 0.383 χ^2 /NDF:1128.9/2

Left: 859.193 $\pm$ 0.266 χ^2 /NDF: 1577.3/6

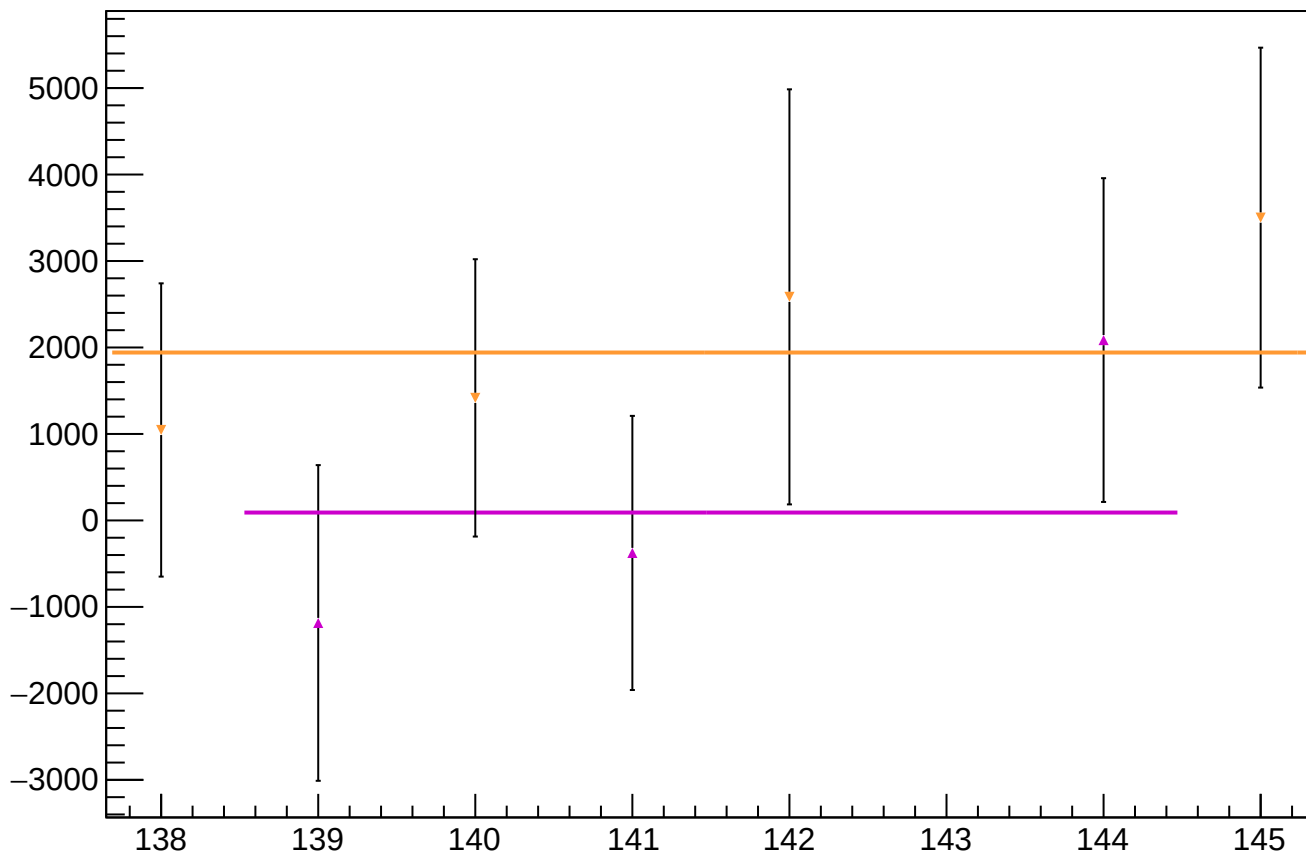
Right: 814.563 $\pm$ 0.156 χ^2 /NDF: 62012.6/33

In: 824.778 $\pm$ 0.192 χ^2 /NDF:52447.8/18

Out: 827.110 $\pm$ 0.188 χ^2 /NDF:32065.1/21

All: 825.973 $\pm$ 0.134 χ^2 /NDF: 84588.2/40

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1941.743+/-924.808 χ^2/NDF : 1.1/3

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

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

Left: 1096.268+/-681.556 χ^2/NDF : 4.6/6

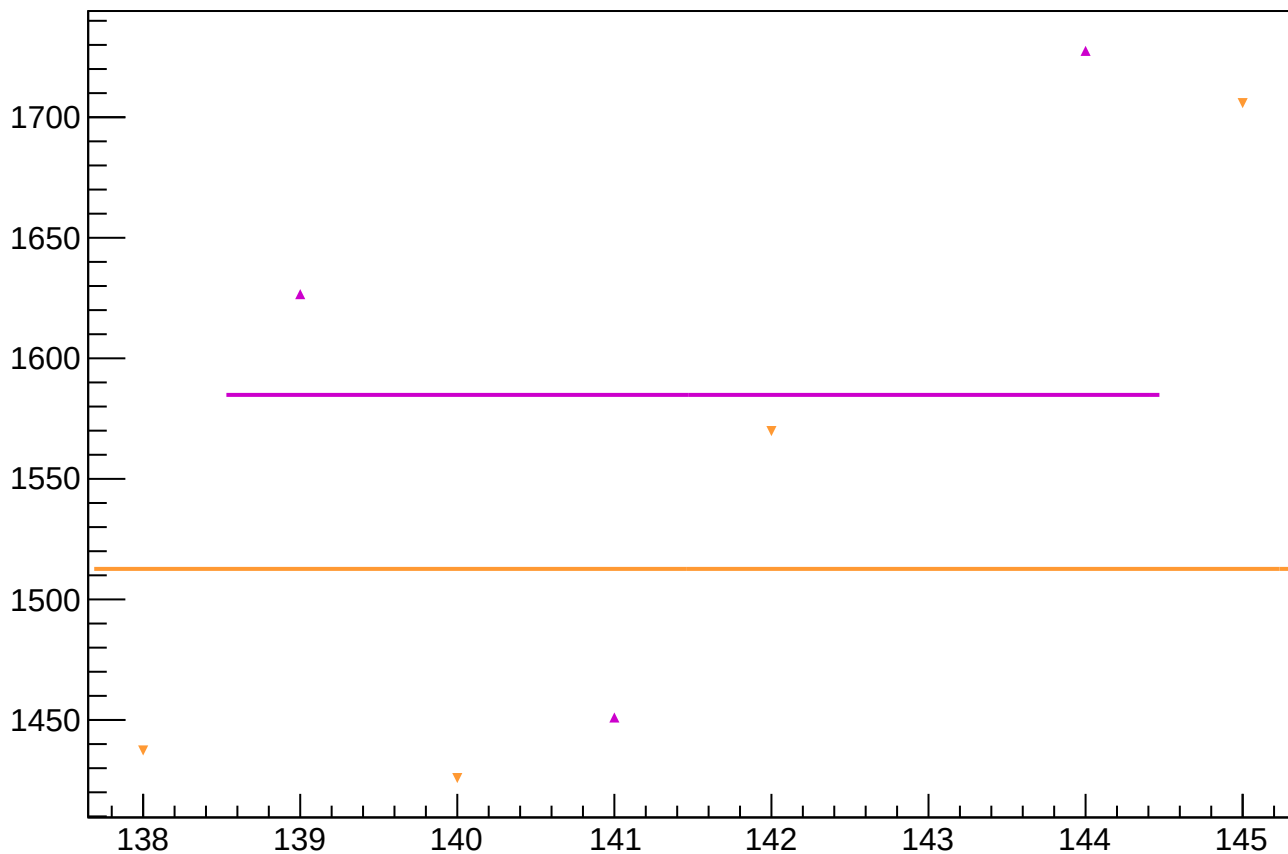
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.184+/-1008.330 χ^2/NDF : 1.7/2

Out: 1941.743+/-924.808 χ^2/NDF : 1.1/3

All: 1096.268+/-681.556 χ^2/NDF : 4.6/6

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1512.666+/-0.654 χ^2/NDF : 30258.8/3

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

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

Left: 1545.639+/-0.482 χ^2/NDF : 62745.7/6

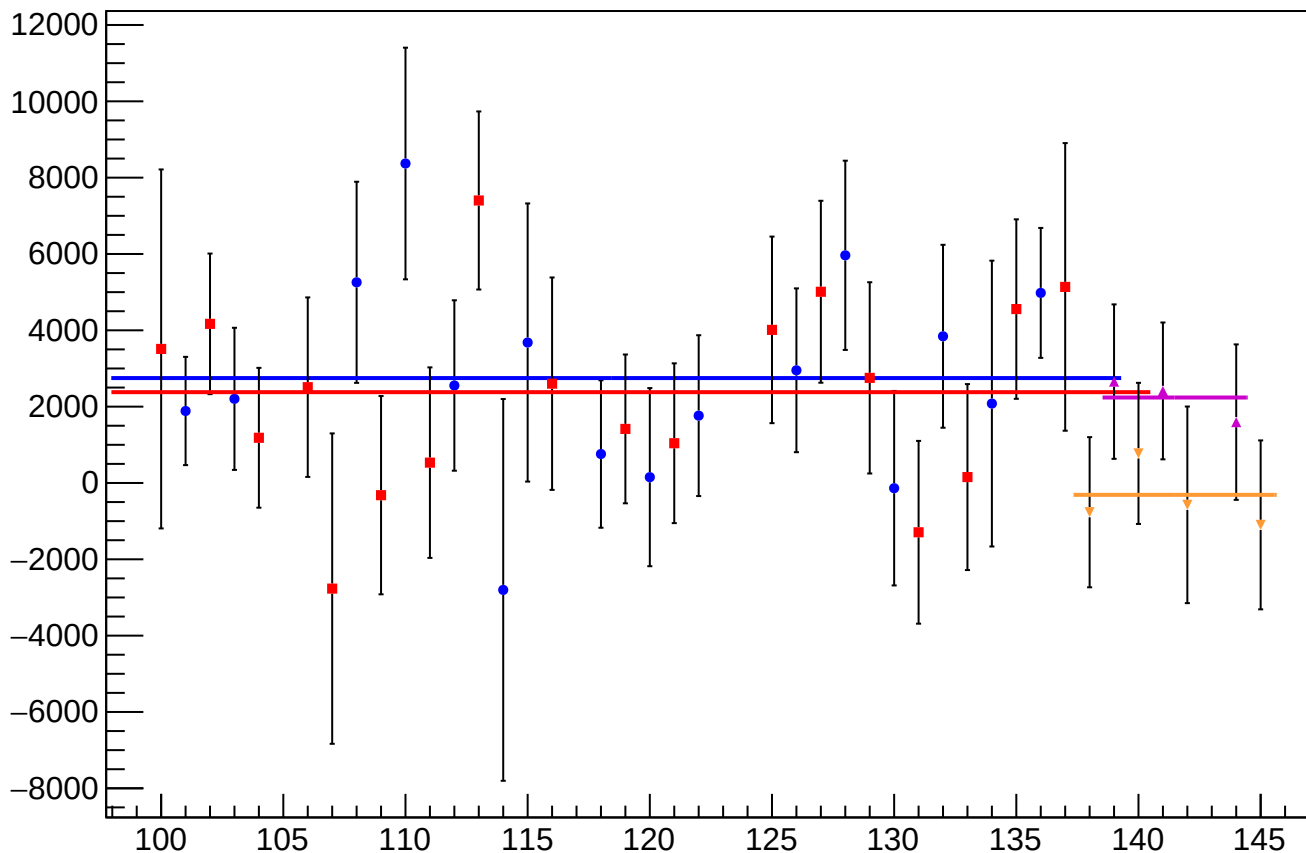
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1512.666+/-0.654 χ^2/NDF : 30258.8/3

All: 1545.639+/-0.482 χ^2/NDF : 62745.7/6

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

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

Left: 882.256+/-766.416 χ^2/NDF : 3.4/6

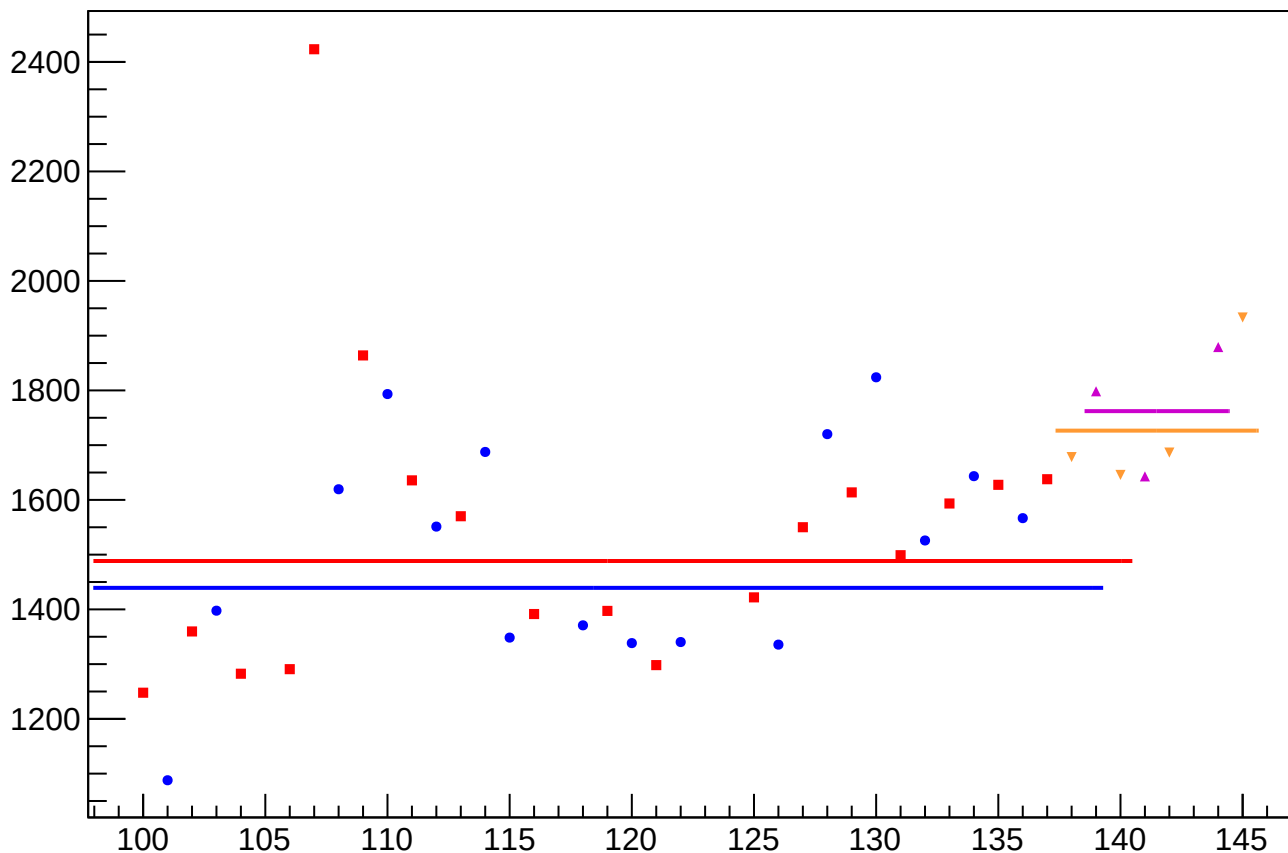
Right: 2566.079+/-400.174 χ^2/NDF : 30.0/33

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

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

All: 2205.364+/-354.730 χ^2/NDF : 37.2/40

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1726.529 $\pm$ 0.743 χ^2/NDF : 22966.6/3

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

Left In: 1762.141 $\pm$ 0.792 χ^2/NDF : 16092.7/2

Left: 1743.191 $\pm$ 0.542 χ^2/NDF : 40134.4/6

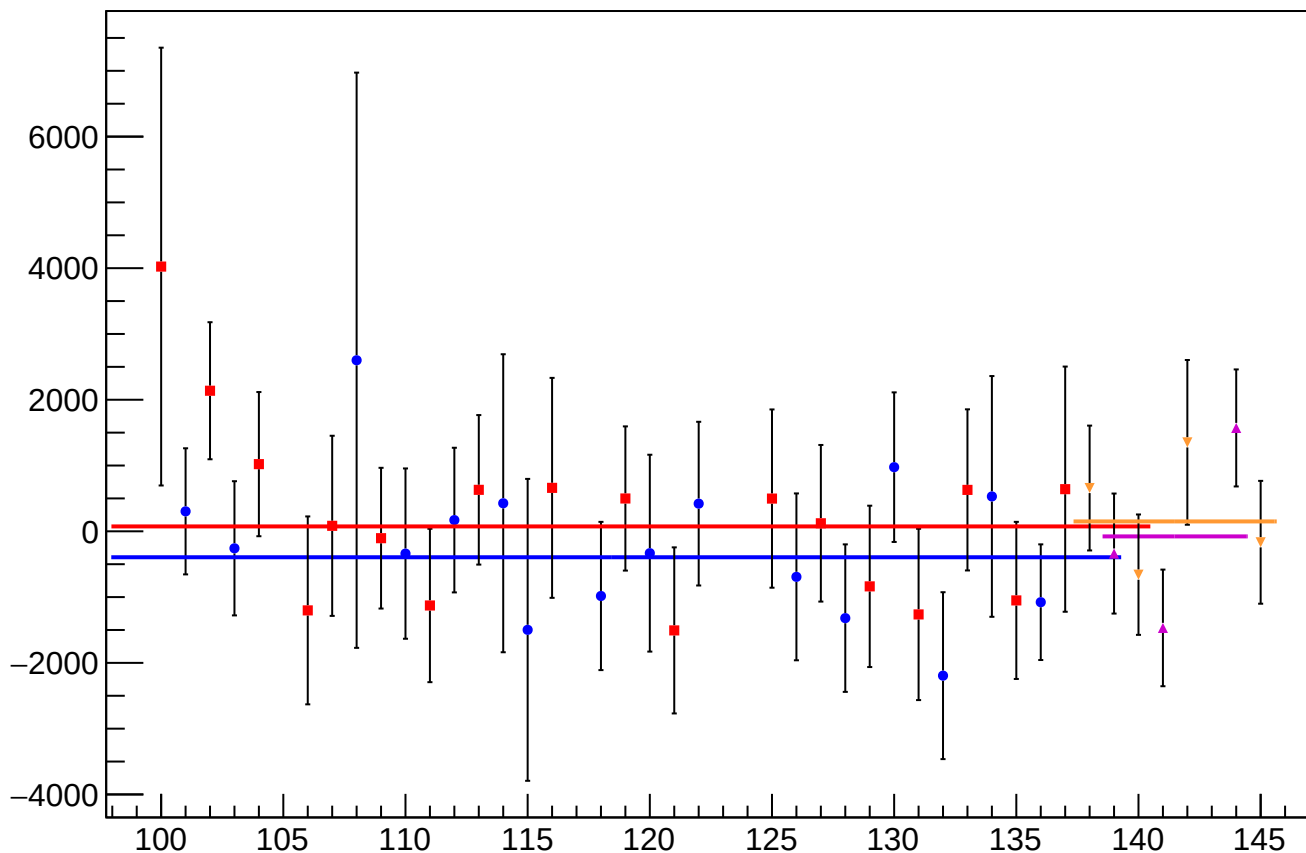
Right: 1463.597 $\pm$ 0.283 χ^2/NDF : 541697.1/33

In: 1504.392 $\pm$ 0.356 χ^2/NDF : 426498.5/18

Out: 1542.387 $\pm$ 0.354 χ^2/NDF : 358745.8/21

All: 1523.492 $\pm$ 0.251 χ^2/NDF : 790980.2/40

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364 ± 313.174 $\chi^2/\text{NDF}: 7.4/15$

Left Out: 150.226 ± 494.480 $\chi^2/\text{NDF}: 2.1/3$

Right Out: 74.289 ± 298.398 $\chi^2/\text{NDF}: 12.9/17$

Left In: -77.379 ± 517.238 $\chi^2/\text{NDF}: 6.0/2$

Left: 41.541 ± 357.425 $\chi^2/\text{NDF}: 8.2/6$

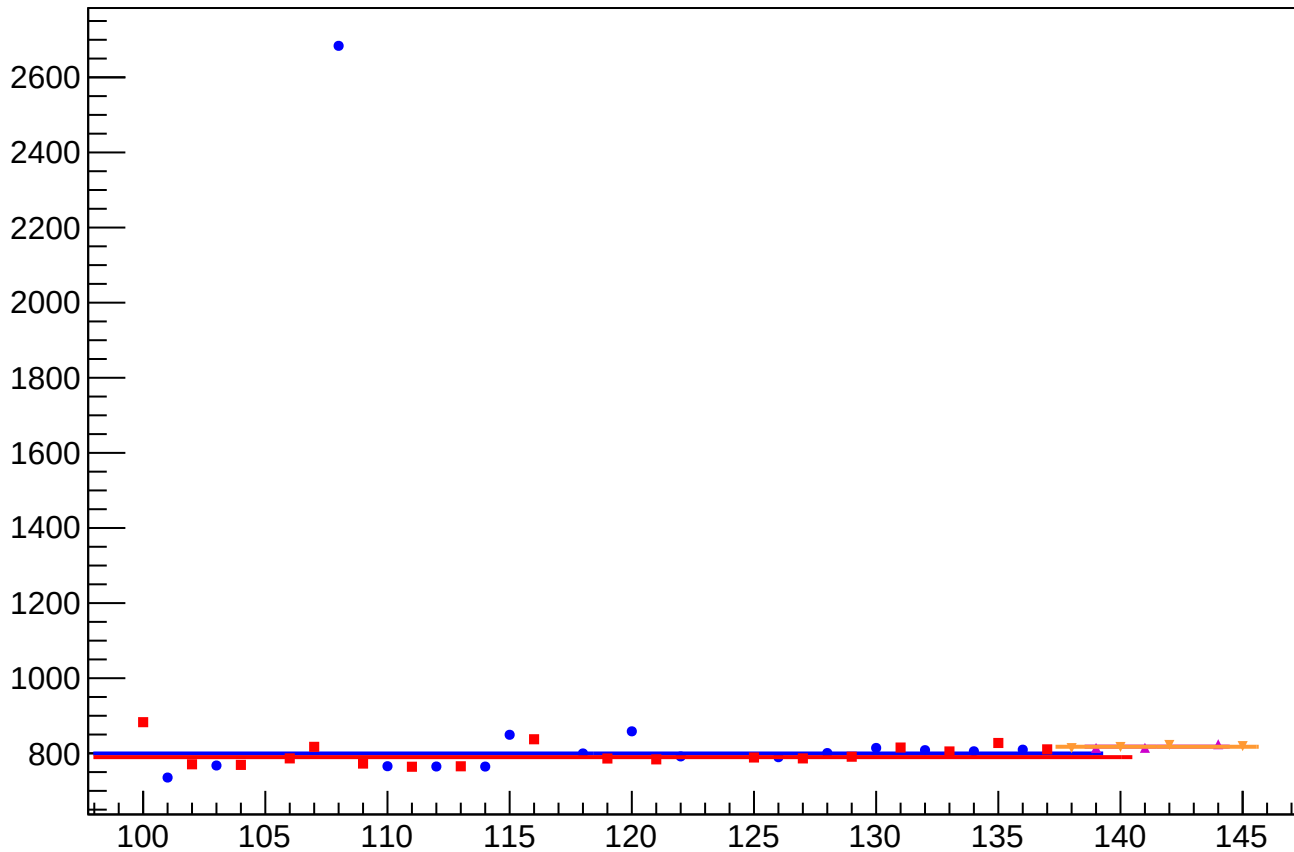
Right: -148.721 ± 216.034 $\chi^2/\text{NDF}: 21.5/33$

In: -309.331 ± 267.896 $\chi^2/\text{NDF}: 13.7/18$

Out: 94.560 ± 255.484 $\chi^2/\text{NDF}: 15.1/21$

All: -97.812 ± 184.886 $\chi^2/\text{NDF}: 29.9/40$

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 817.475+/-0.350 χ^2/NDF : 65.7/3

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

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

Left: 817.646+/-0.253 χ^2/NDF : 221.7/6

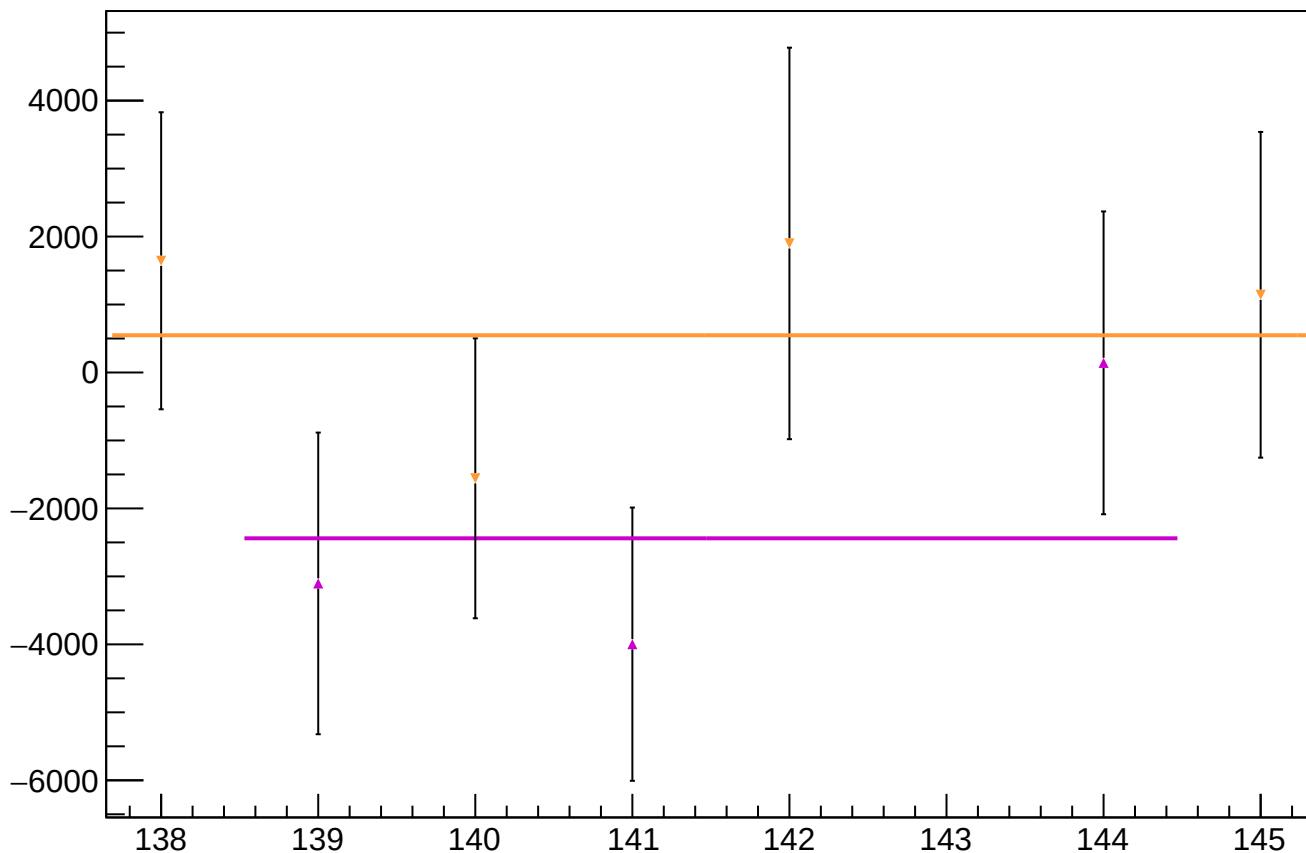
Right: 794.430+/-0.153 χ^2/NDF : 403375.5/33

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

Out: 797.183+/-0.181 χ^2/NDF : 15835.2/21

All: 800.642+/-0.131 χ^2/NDF : 409777.2/40

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 547.577+/-1162.534 χ^2/NDF : 1.6/3

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

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

Left: -851.921+/-847.559 χ^2/NDF : 6.7/6

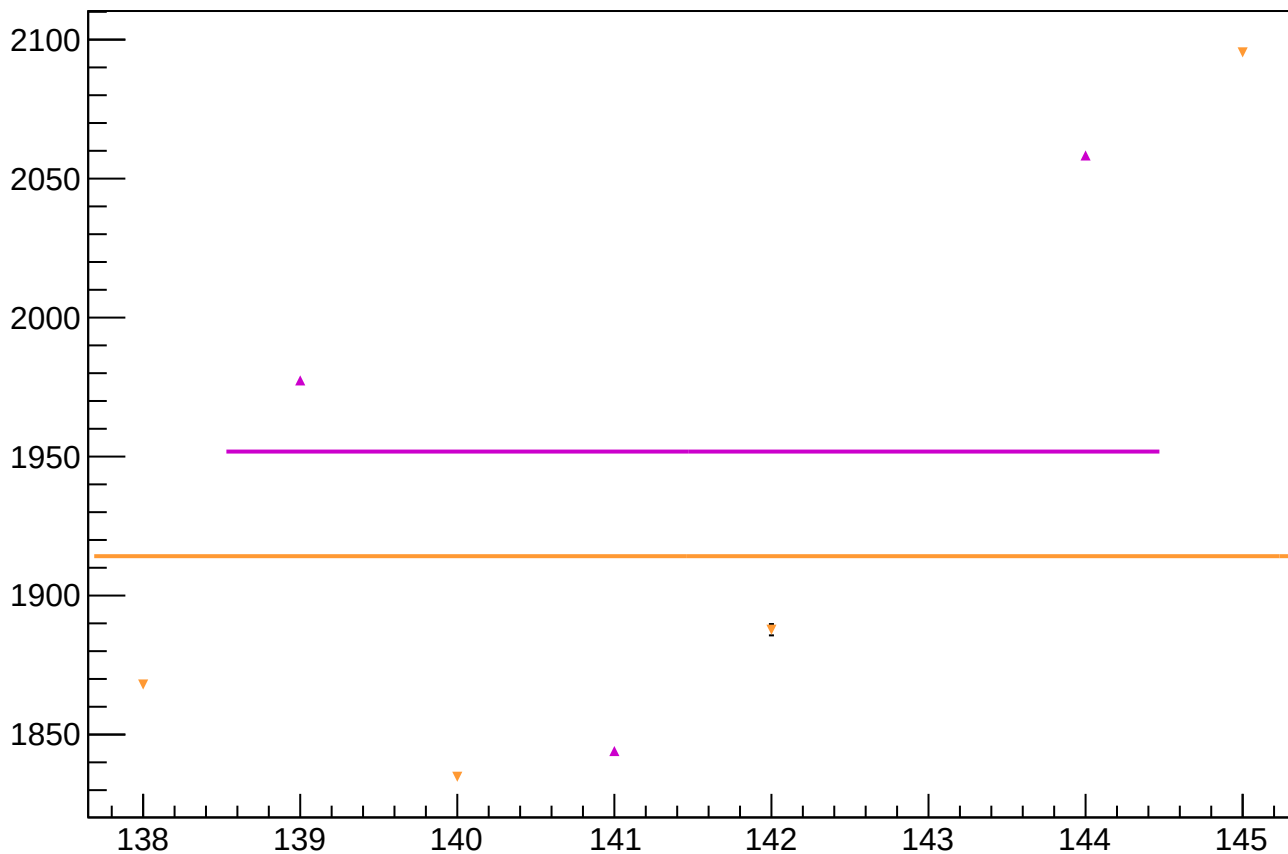
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 547.577+/-1162.534 χ^2/NDF : 1.6/3

All: -851.921+/-847.559 χ^2/NDF : 6.7/6

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1914.166+/-0.822 χ^2/NDF :15472.9/3

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

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

Left: 1931.798+/-0.599 χ^2/NDF : 27040.1/6

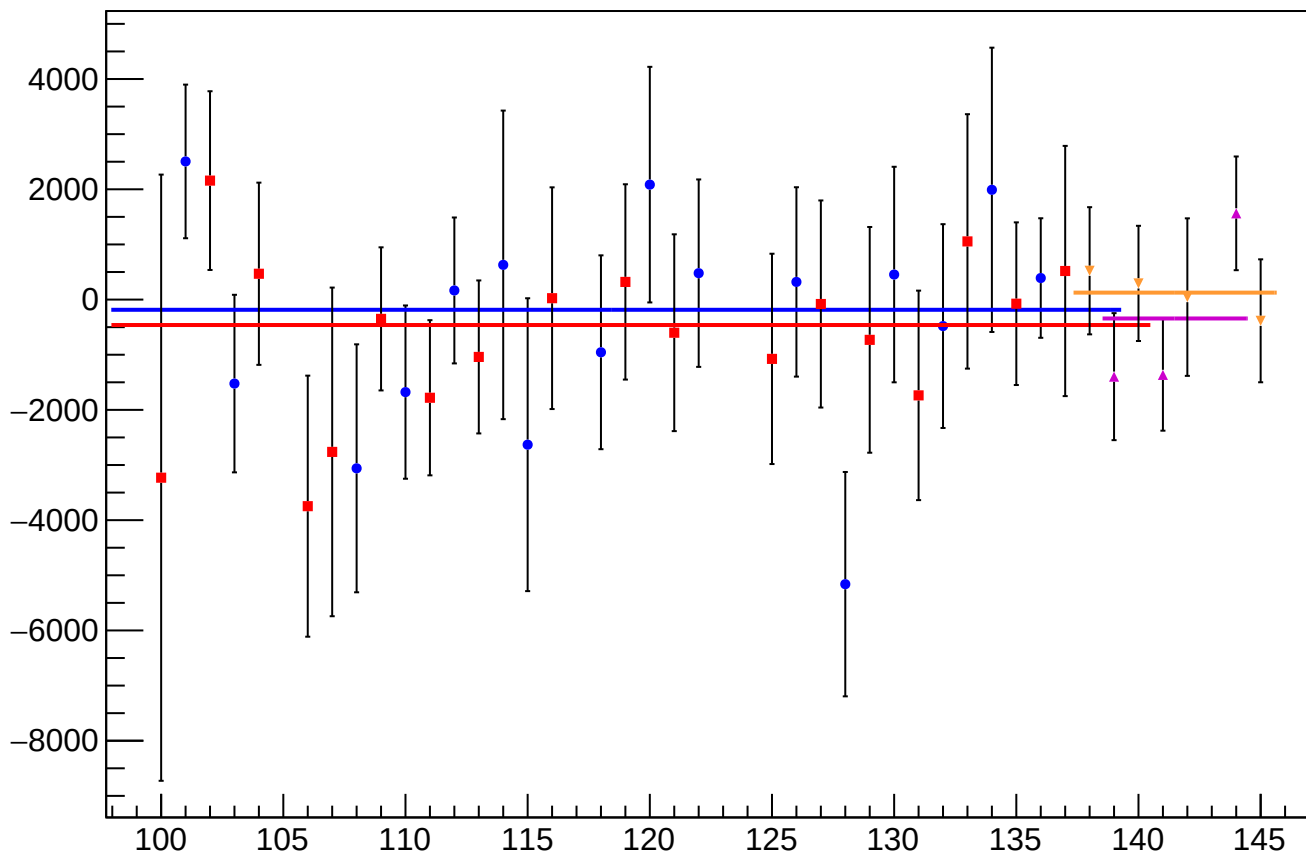
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1914.166+/-0.822 χ^2/NDF :15472.9/3

All: 1931.798+/-0.599 χ^2/NDF : 27040.1/6

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 126.286 ± 580.923 $\chi^2/\text{NDF}: 0.4/3$

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

Left In: -342.649 ± 611.854 $\chi^2/\text{NDF}: 5.3/2$

Left: -96.030 ± 421.285 $\chi^2/\text{NDF}: 5.9/6$

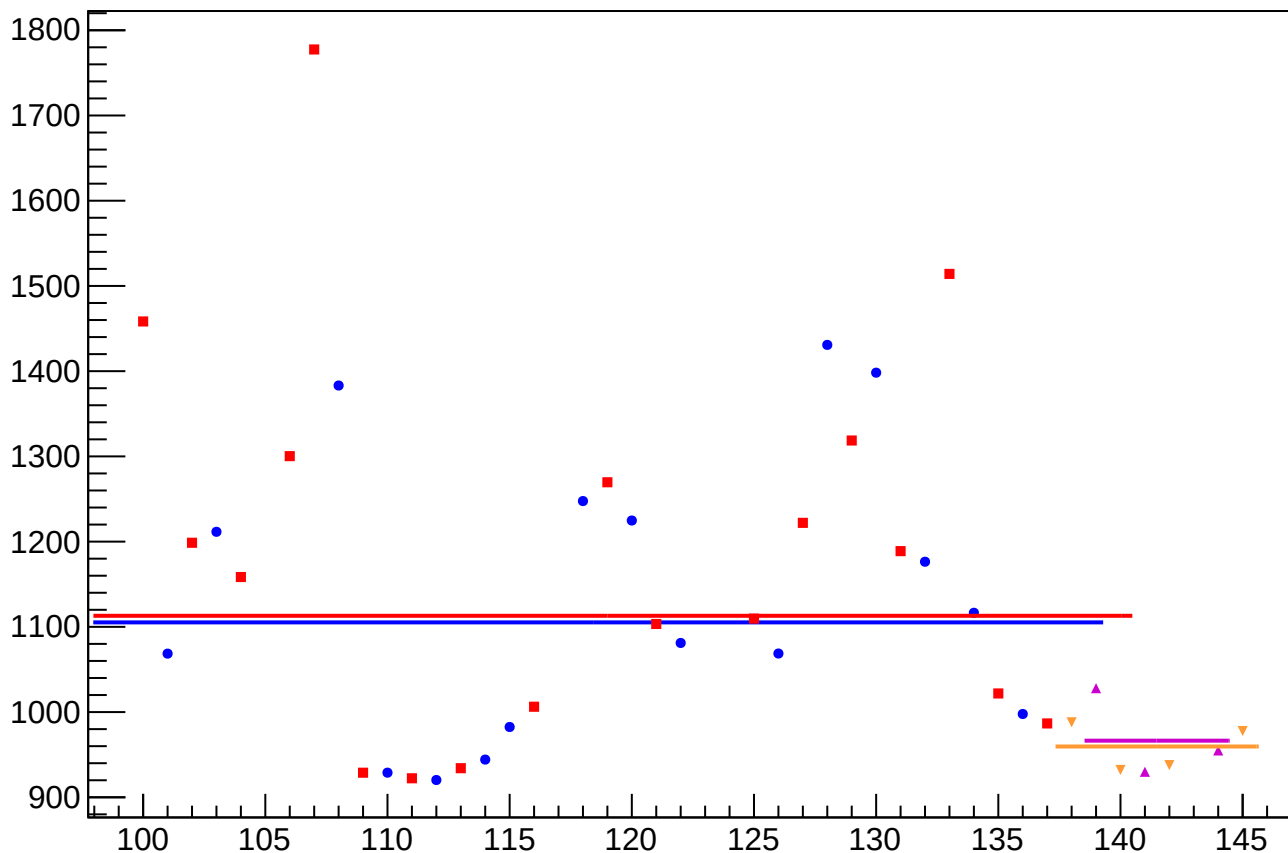
Right: -324.625 ± 303.483 $\chi^2/\text{NDF}: 25.2/33$

In: -237.399 ± 352.626 $\chi^2/\text{NDF}: 22.0/18$

Out: -255.214 ± 344.014 $\chi^2/\text{NDF}: 9.3/21$

All: -246.527 ± 246.243 $\chi^2/\text{NDF}: 31.3/40$

asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 962.856+/-0.298 χ^2/NDF : 12293.0/6

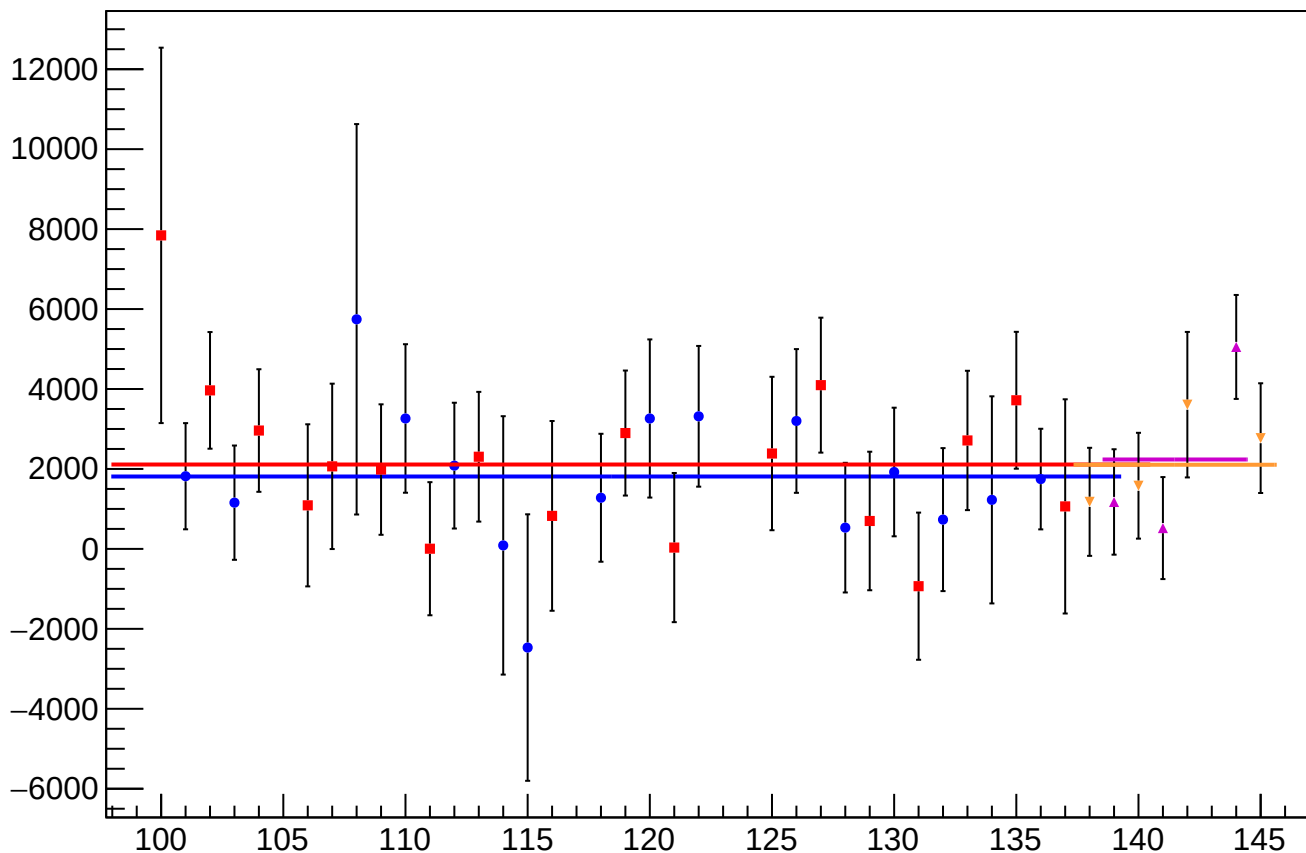
Right: 1109.146+/-0.215 χ^2/NDF : 618686.6/33

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

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

All: 1059.167+/-0.174 χ^2/NDF : 789748.6/40

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2104.895+/-715.972 χ^2/NDF : 1.5/3

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

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

Left: 2167.747+/-517.667 χ^2/NDF : 8.7/6

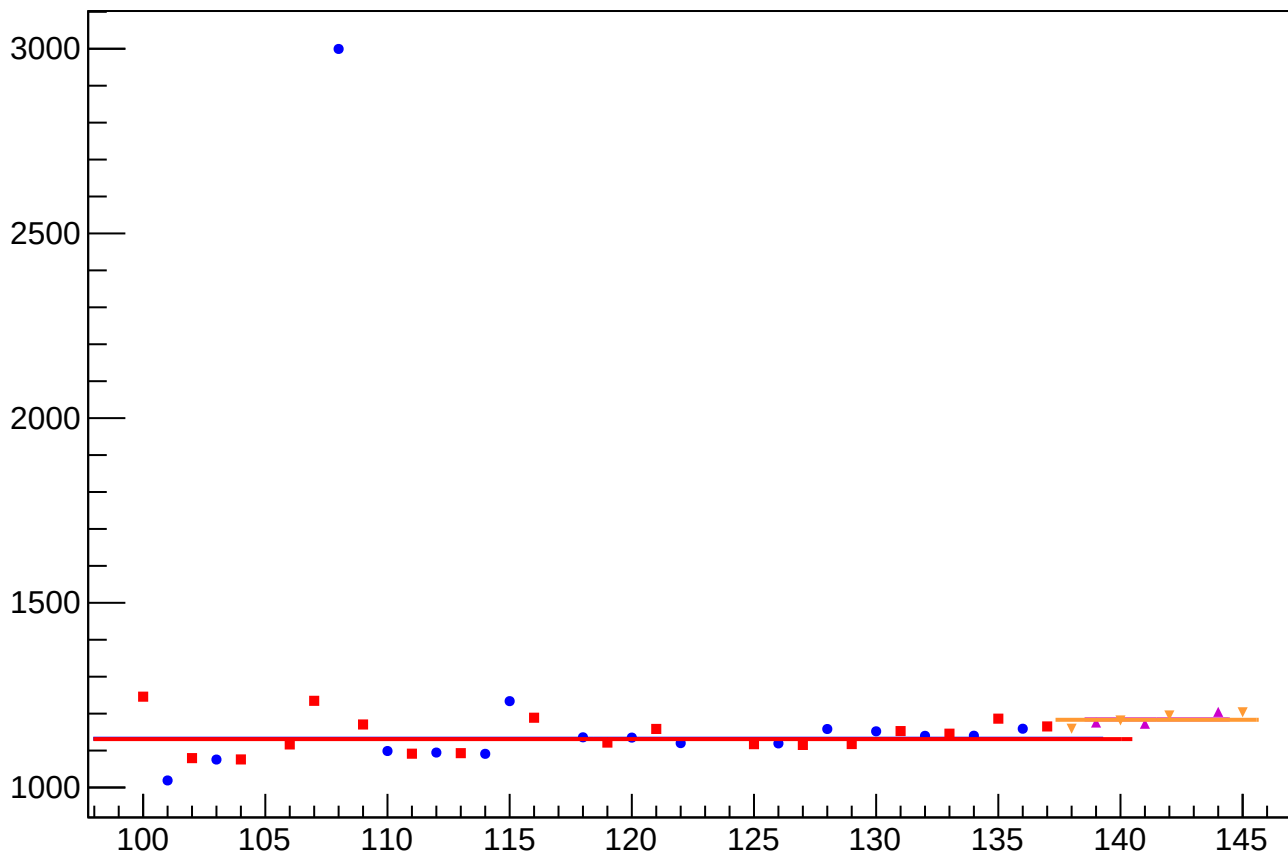
Right: 1966.016+/-307.400 χ^2/NDF : 19.7/33

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

Out: 2109.397+/-367.160 χ^2/NDF : 14.6/21

All: 2018.606+/-264.311 χ^2/NDF : 28.5/40

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1183.324+/-0.506 χ^2/NDF : 1162.4/3

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

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

Left: 1183.829+/-0.366 χ^2/NDF : 1911.7/6

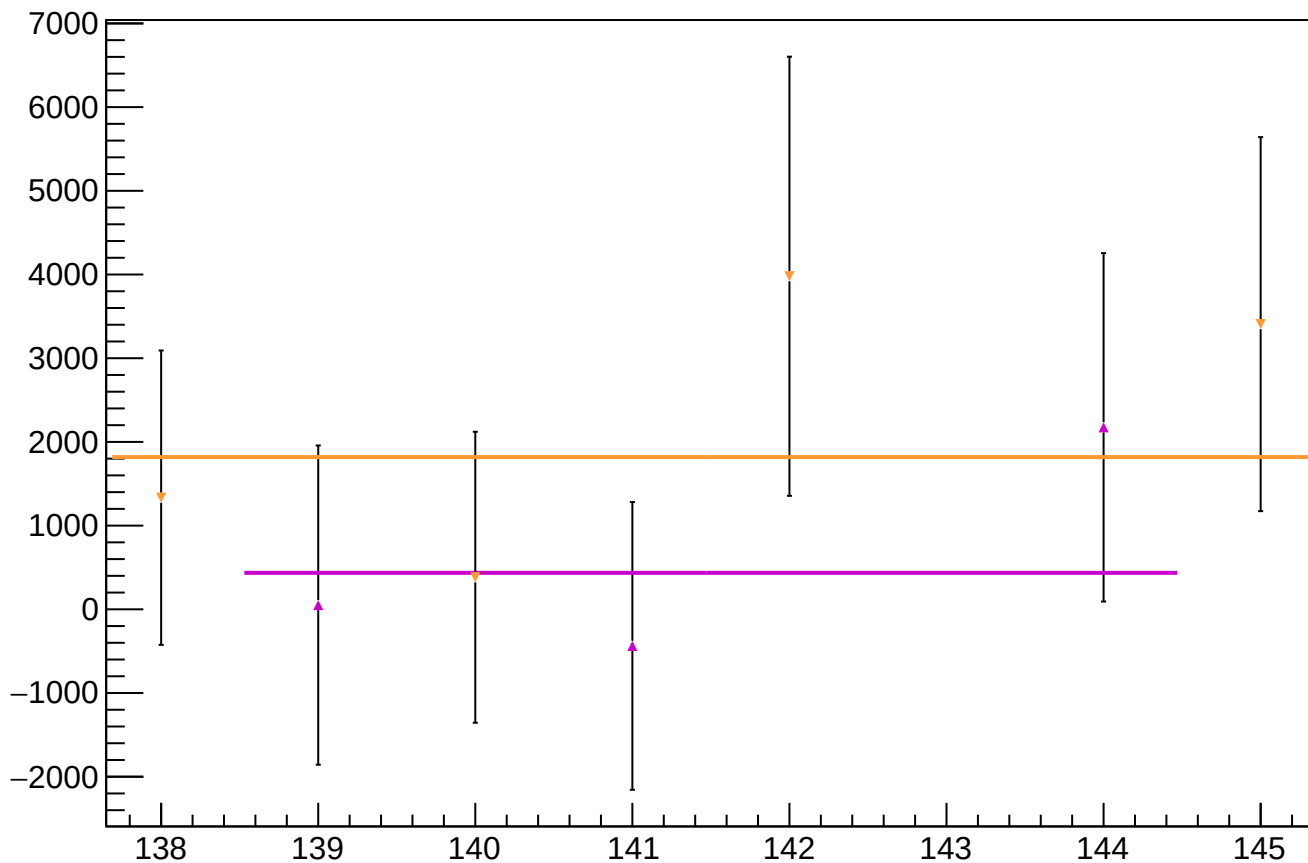
Right: 1131.528+/-0.217 χ^2/NDF : 335751.3/33

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

Out: 1144.772+/-0.260 χ^2/NDF : 28749.1/21

All: 1145.162+/-0.187 χ^2/NDF : 352756.0/40

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 1819.019+/-1000.042 χ^2/NDF : 1.9/3

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

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

Left: 1185.829+/-736.401 χ^2/NDF : 3.8/6

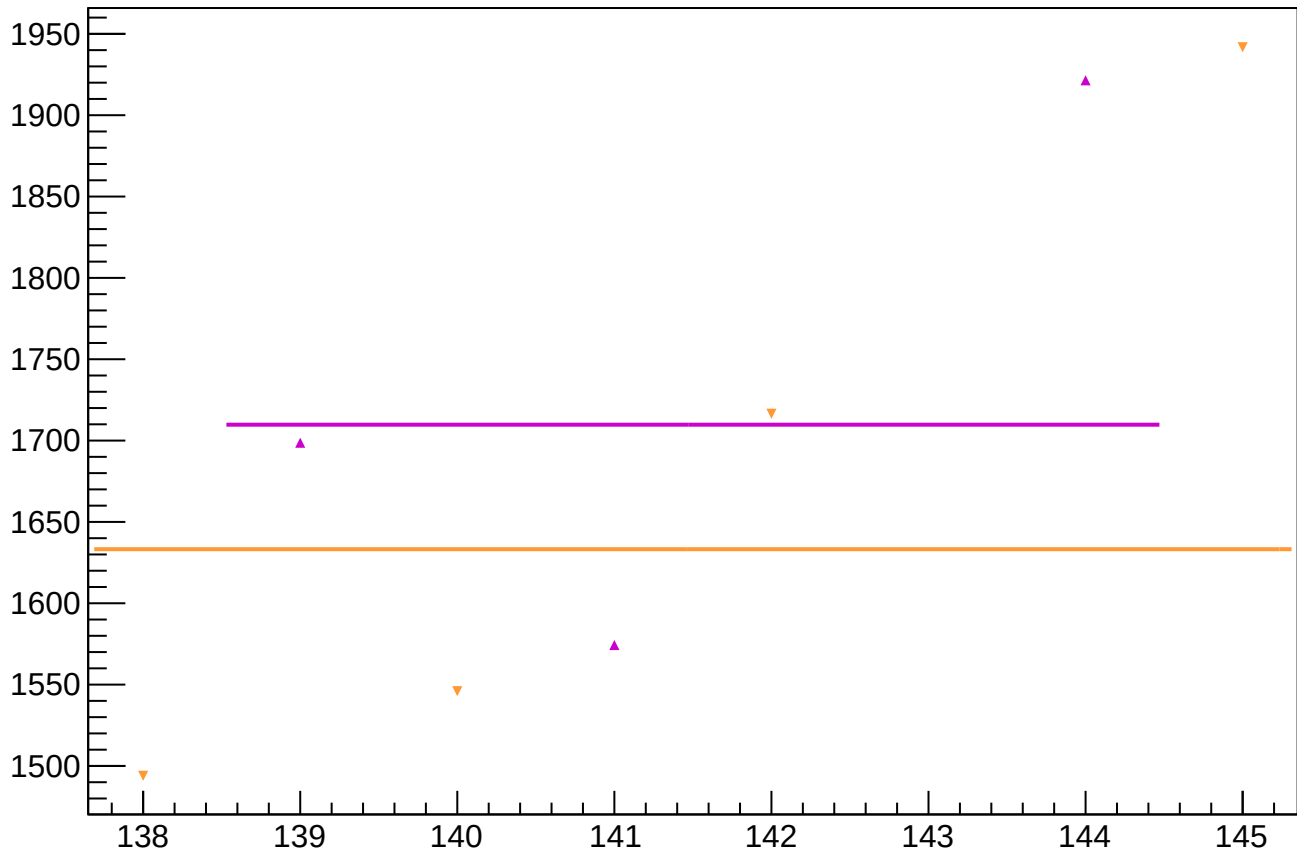
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1819.019+/-1000.042 χ^2/NDF : 1.9/3

All: 1185.829+/-736.401 χ^2/NDF : 3.8/6

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1633.230+/-0.707 χ^2/NDF :57746.5/3

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

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

Left: 1668.265+/-0.521 χ^2/NDF : 96277.3/6

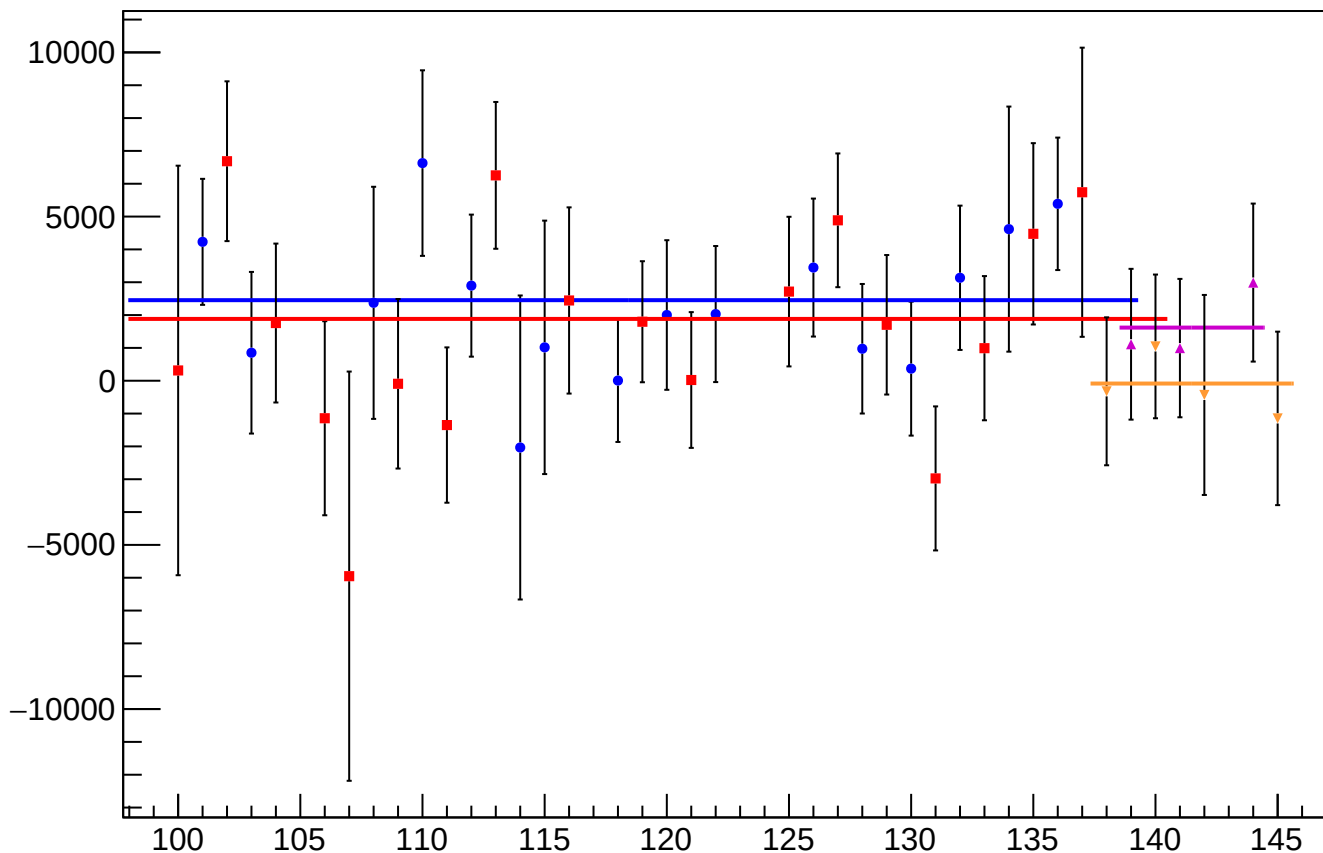
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1633.230+/-0.707 χ^2/NDF :57746.5/3

All: 1668.265+/-0.521 χ^2/NDF : 96277.3/6

asym_usl_mean vs Slug, Sign Corrected



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

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

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

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

Left: 718.972+/-896.448 χ^2/NDF : 1.8/6

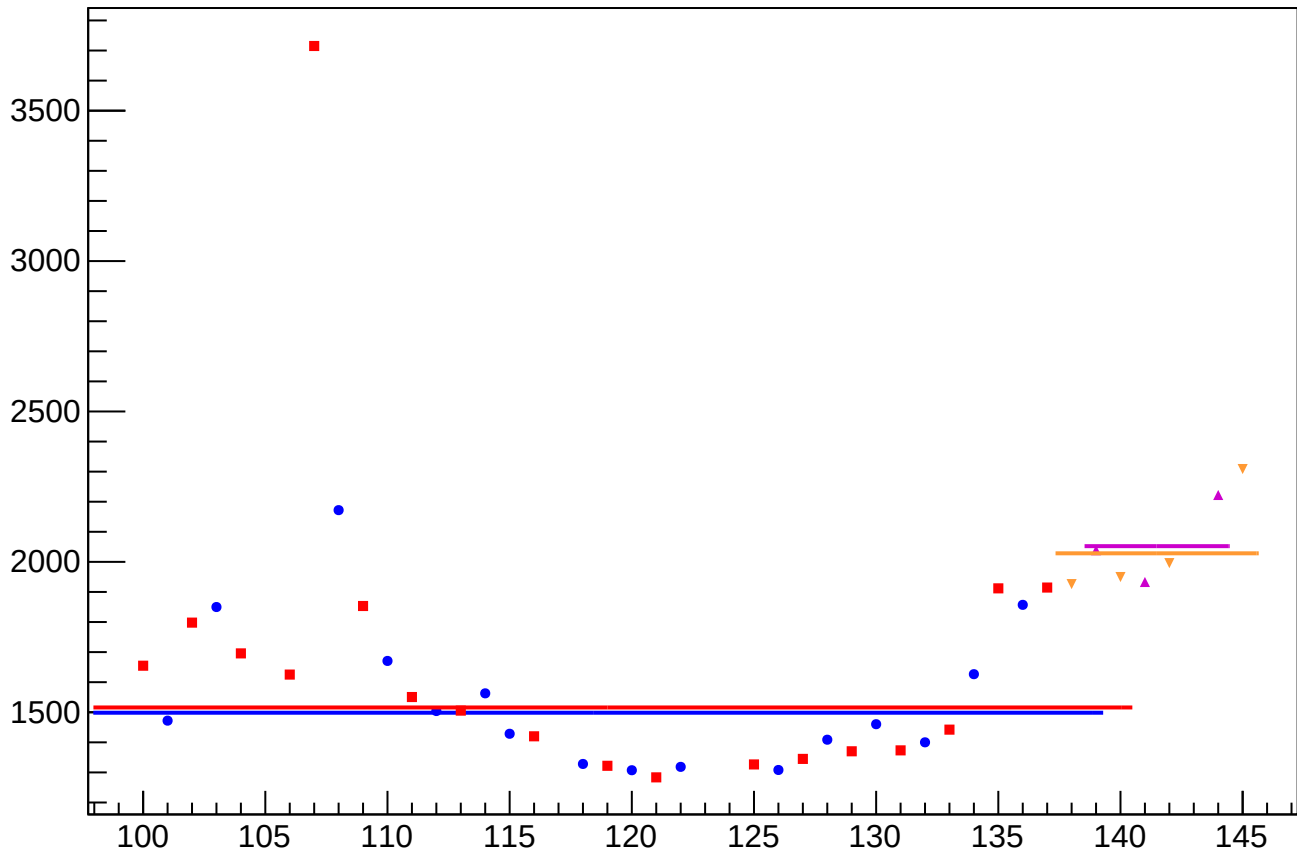
Right: 2167.665+/-412.771 χ^2/NDF : 34.0/33

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

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

All: 1914.248+/-374.934 χ^2/NDF : 38.0/40

asym_usl_rms vs Slug, Sign Corrected



Right In: 1498.485 $\pm$ 0.413 χ^2/NDF : 258807.5/15

Left Out: 2028.432 $\pm$ 0.872 χ^2/NDF : 29447.2/3

Right Out: 1515.949 $\pm$ 0.412 χ^2/NDF : 480541.4/17

Left In: 2052.242 $\pm$ 0.923 χ^2/NDF : 16456.1/2

Left: 2039.673 $\pm$ 0.634 χ^2/NDF : 46254.9/6

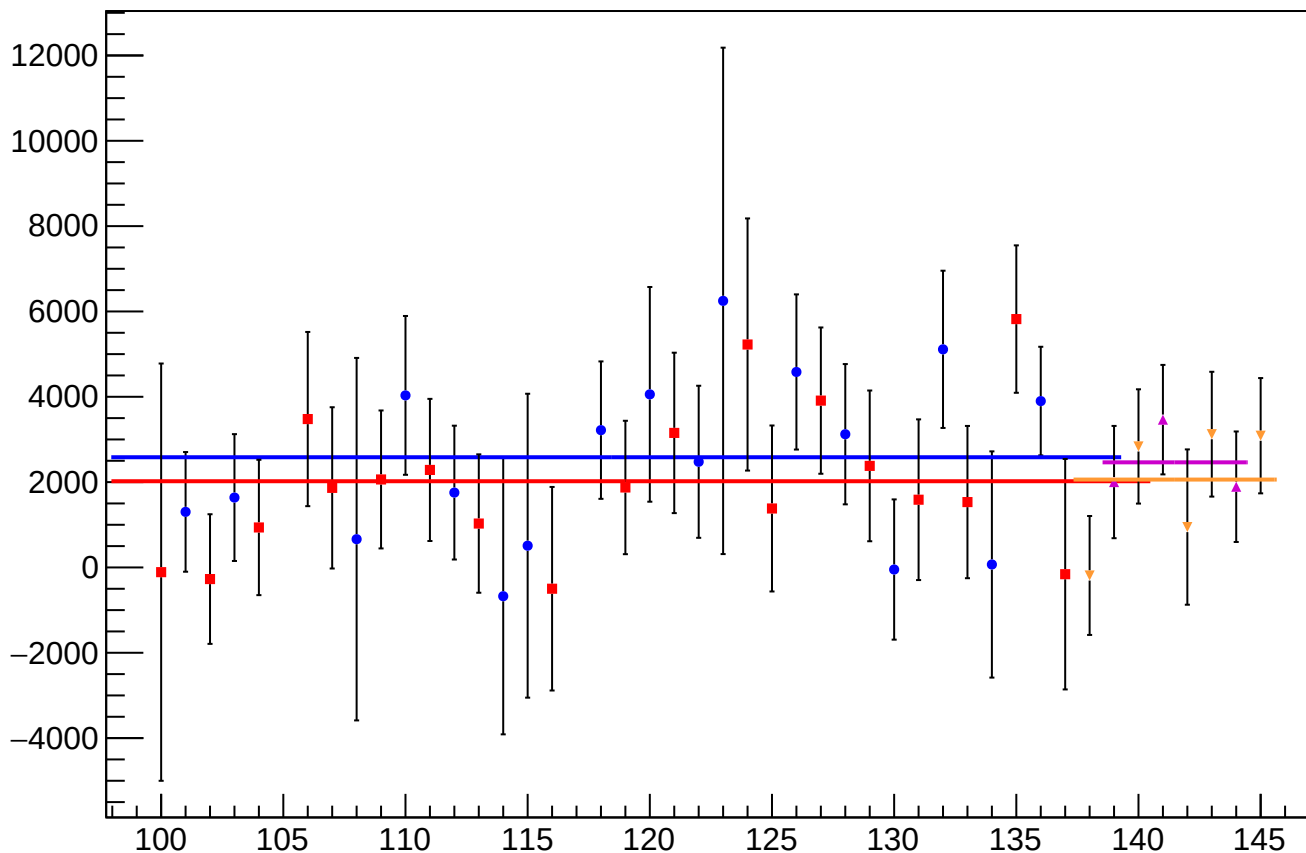
Right: 1507.233 $\pm$ 0.292 χ^2/NDF : 740243.9/33

In: 1591.000 $\pm$ 0.377 χ^2/NDF : 575372.9/18

Out: 1609.535 $\pm$ 0.373 χ^2/NDF : 792023.5/21

All: 1600.372 $\pm$ 0.265 χ^2/NDF : 1368618.2/40

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2059.667 $\pm$ 646.963 χ^2 /NDF:4.4/4

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

Left In: 2463.496 $\pm$ 749.270 χ^2 /NDF:0.9/2

Left: 2232.150 $\pm$ 489.680 χ^2 /NDF: 5.5/7

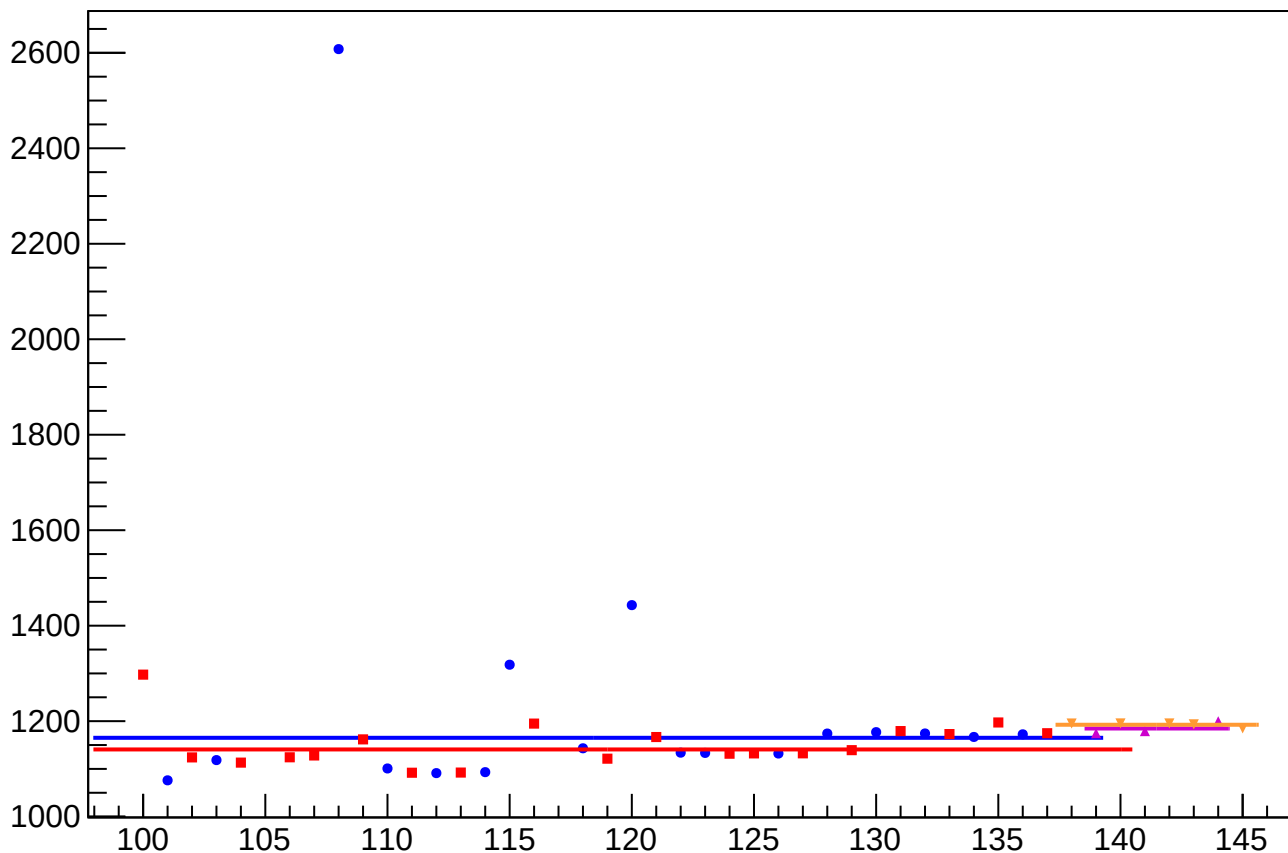
Right: 2284.984 $\pm$ 310.688 χ^2 /NDF: 26.6/35

In: 2550.982 $\pm$ 387.779 χ^2 /NDF:13.2/19

Out: 2032.539 $\pm$ 356.235 χ^2 /NDF:17.9/23

All: 2269.820 $\pm$ 262.340 χ^2 /NDF: 32.1/43

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1192.475 $\pm$ 0.457 χ^2 /NDF:84.7/4

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

Left In: 1184.610 $\pm$ 0.530 χ^2 /NDF:423.8/2

Left: 1189.116 $\pm$ 0.346 χ^2 /NDF: 634.7/7

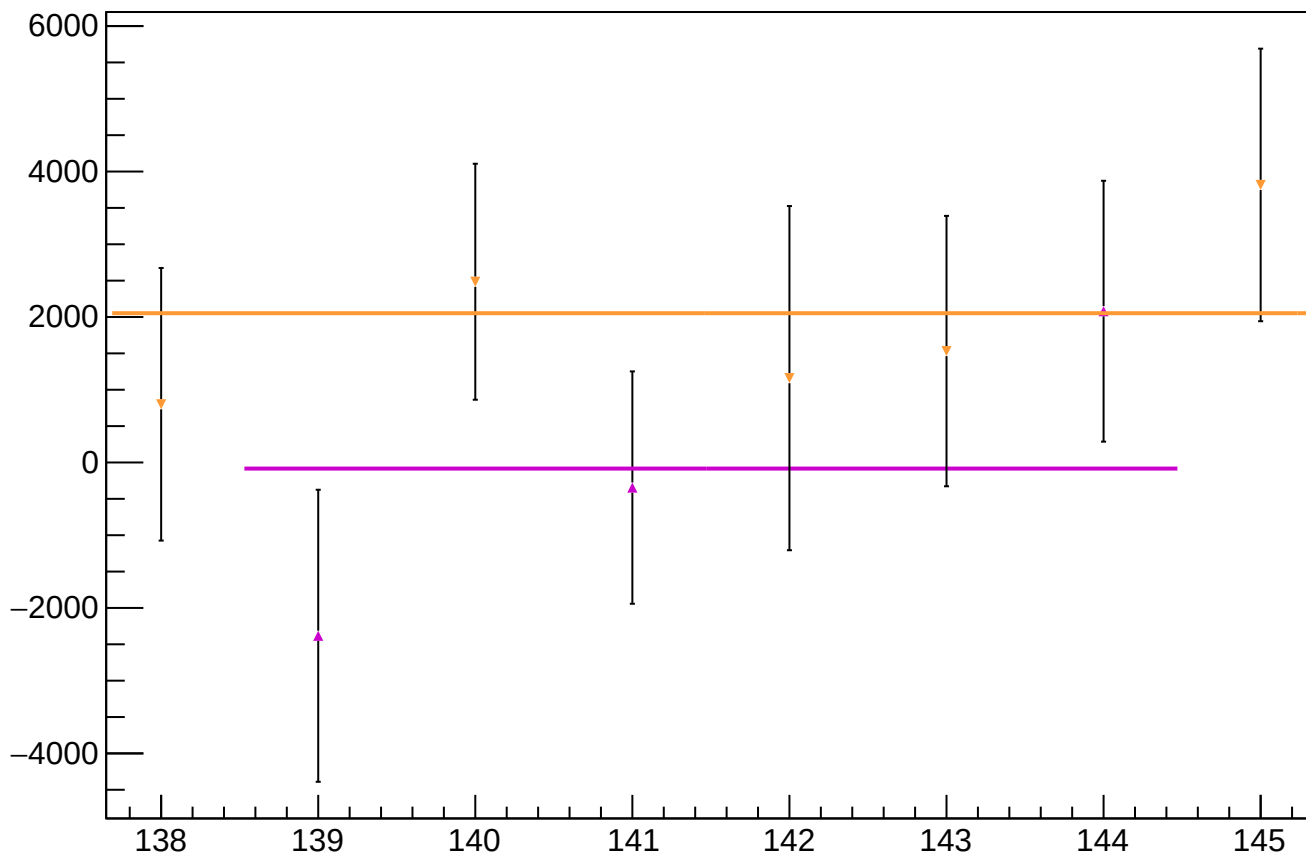
Right: 1152.217 $\pm$ 0.220 χ^2 /NDF: 294359.2/35

In: 1170.360 $\pm$ 0.274 χ^2 /NDF:279982.1/19

Out: 1156.434 $\pm$ 0.252 χ^2 /NDF:21709.8/23

All: 1162.807 $\pm$ 0.186 χ^2 /NDF: 303090.7/43

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 2052.329+/-839.886 χ^2/NDF :1.6/4

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

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

Left: 1194.648+/-649.764 χ^2/NDF : 7.0/7

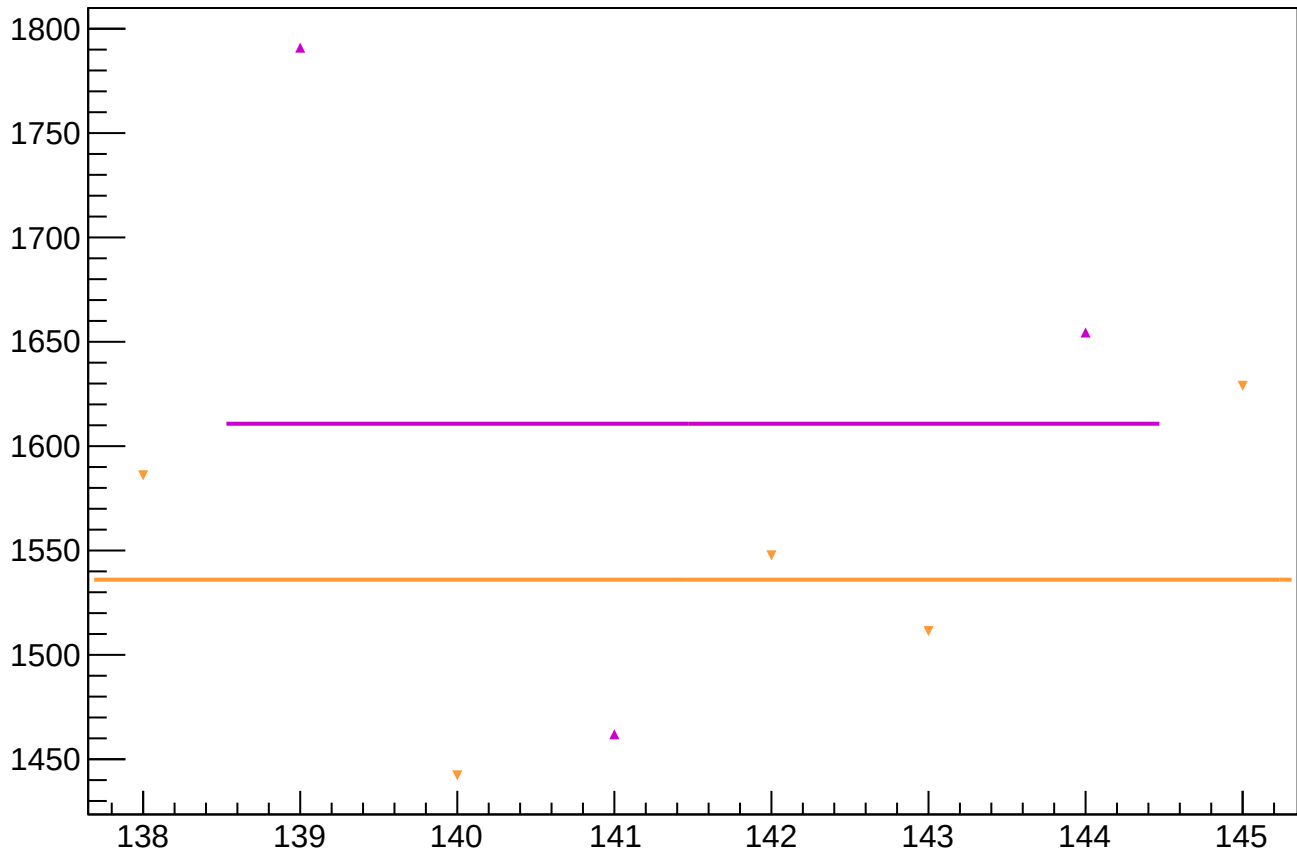
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -83.911+/-1025.458 χ^2/NDF :2.8/2

Out: 2052.329+/-839.886 χ^2/NDF :1.6/4

All: 1194.648+/-649.764 χ^2/NDF : 7.0/7

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1536.033 ± 0.594 $\chi^2/\text{NDF}: 13421.3/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 1610.739 ± 0.725 $\chi^2/\text{NDF}: 34653.4/2$

Left: 1566.026 ± 0.459 $\chi^2/\text{NDF}: 54427.6/7$

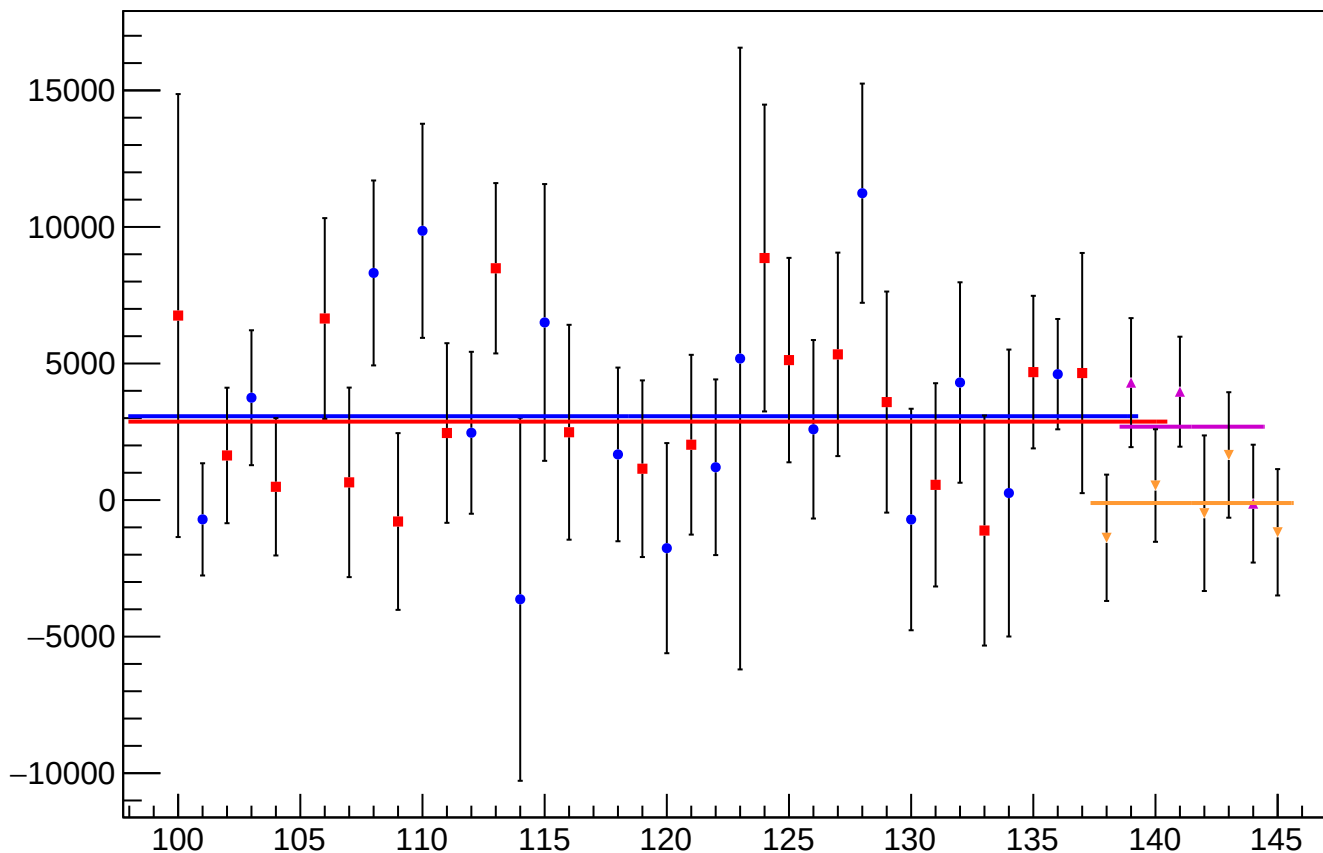
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 1610.739 ± 0.725 $\chi^2/\text{NDF}: 34653.4/2$

Out: 1536.033 ± 0.594 $\chi^2/\text{NDF}: 13421.3/4$

All: 1566.026 ± 0.459 $\chi^2/\text{NDF}: 54427.6/7$

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -108.382 $\pm$ 1041.502 χ^2 /NDF:1.2/4

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

Left In: 2686.370 $\pm$ 1249.479 χ^2 /NDF:2.6/2

Left: 1037.358 $\pm$ 800.019 χ^2 /NDF: 6.7/7

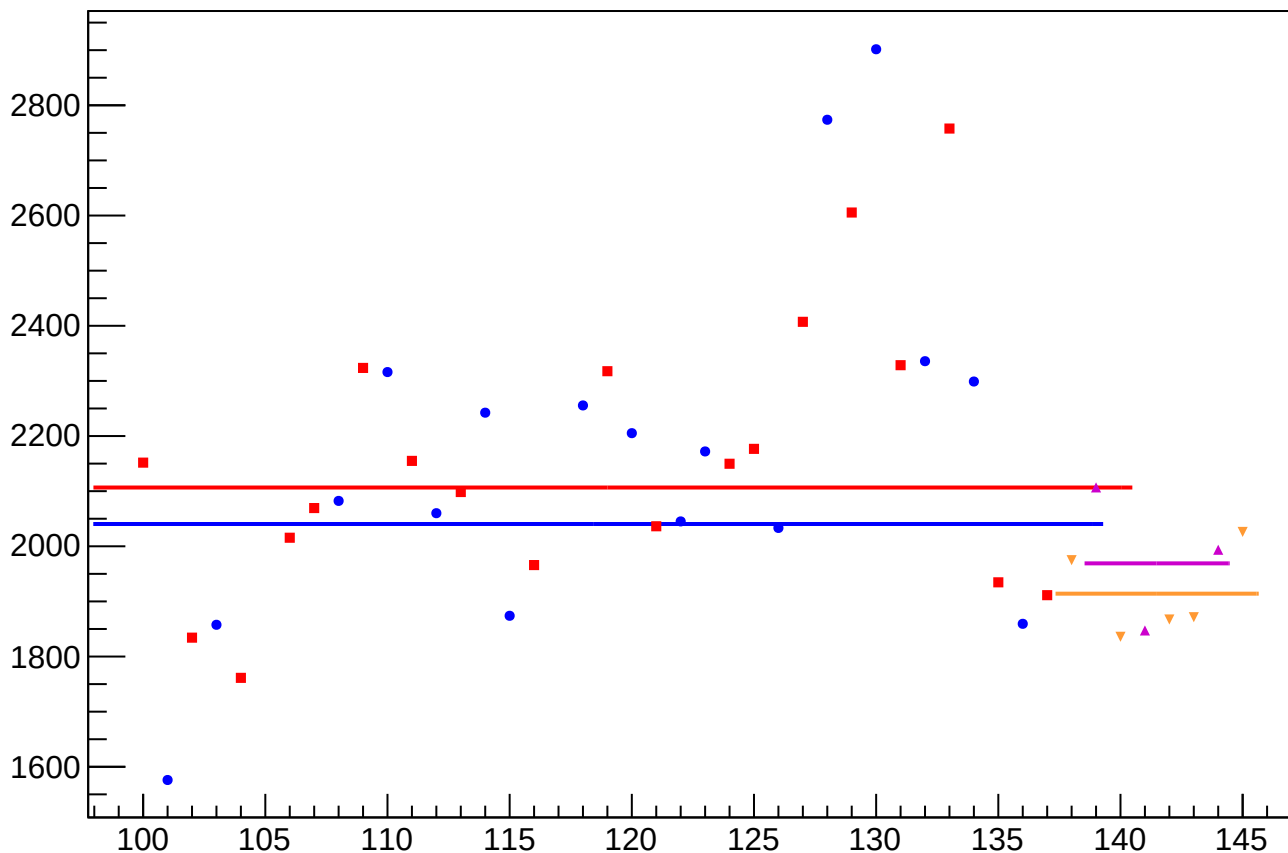
Right: 2970.754 $\pm$ 563.242 χ^2 /NDF: 30.1/35

In: 2958.540 $\pm$ 672.384 χ^2 /NDF:21.2/19

Out: 1774.541 $\pm$ 632.114 χ^2 /NDF:18.0/23

All: 2330.025 $\pm$ 460.551 χ^2 /NDF: 40.8/43

asym_usr_rms vs Slug, Sign Corrected



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

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

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

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

Left: 1936.594+/-0.566 χ^2/NDF : 26838.1/7

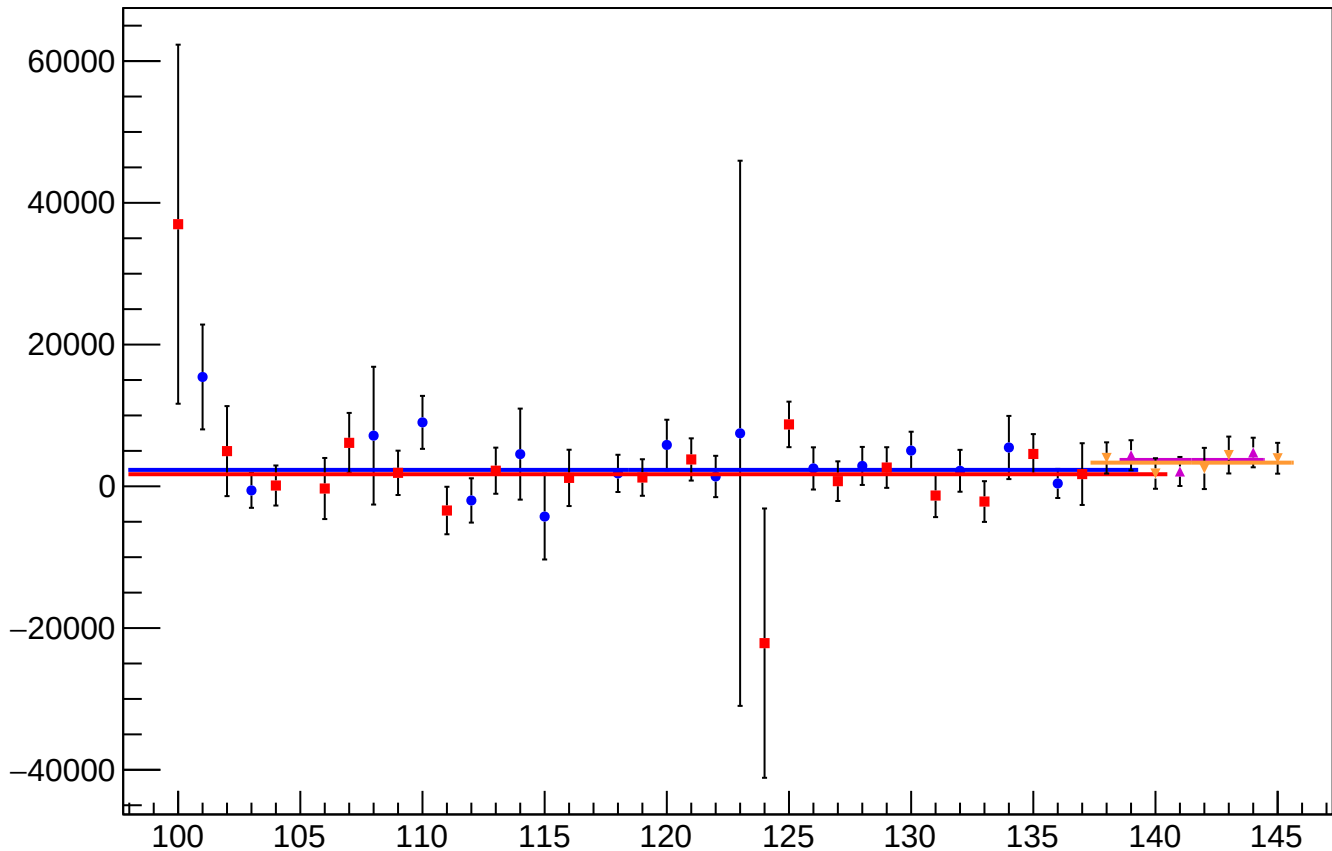
Right: 2073.628+/-0.398 χ^2/NDF : 533659.8/35

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

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

All: 2028.215+/-0.326 χ^2/NDF : 599730.5/43

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 3340.787+/-1054.719 χ^2/NDF : 0.9/4

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

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

Left: 3505.307+/-793.383 χ^2/NDF : 2.0/7

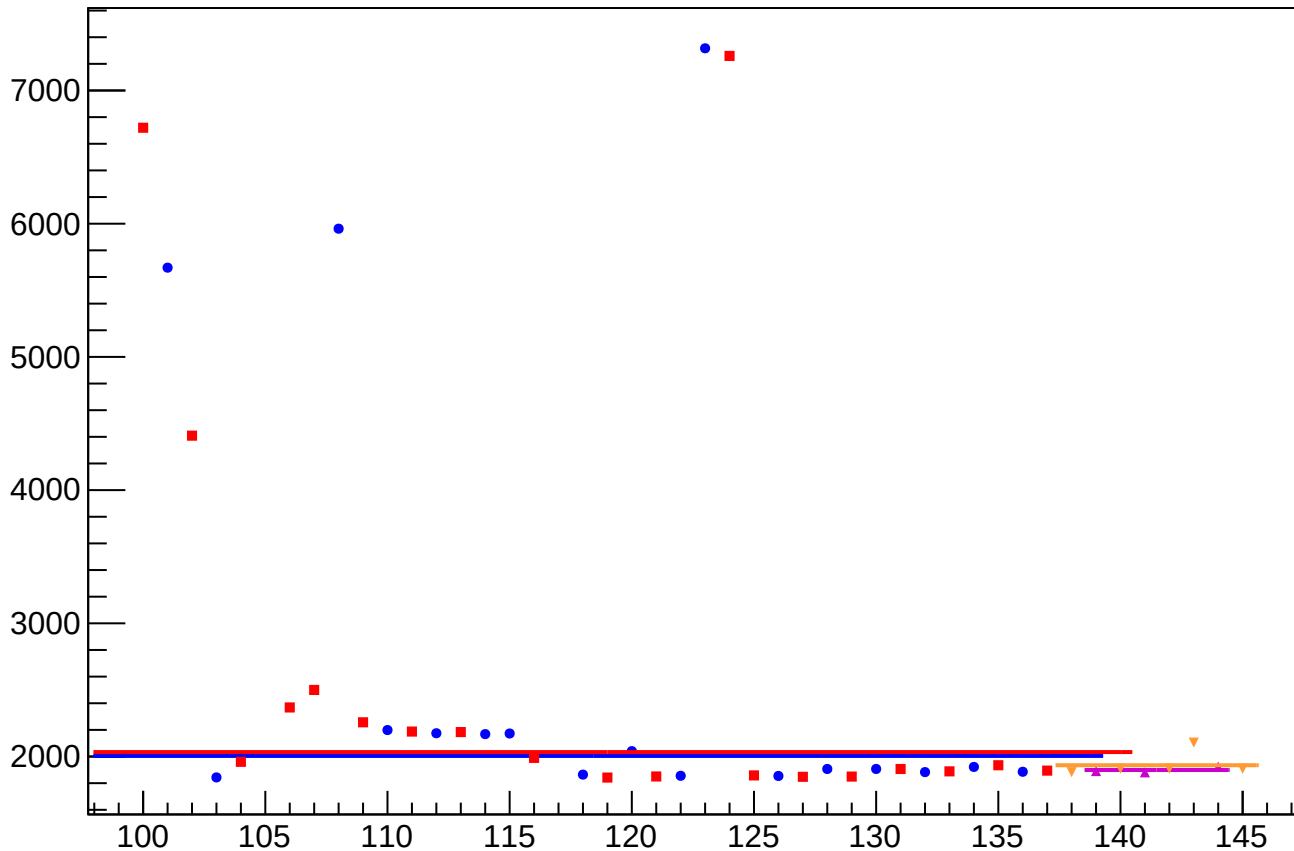
Right: 2005.073+/-560.015 χ^2/NDF : 32.3/35

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

Out: 2286.387+/-628.614 χ^2/NDF : 19.6/23

All: 2503.972+/-457.520 χ^2/NDF : 36.6/43

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1934.656+/-0.746 χ^2/NDF :10396.4/4

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

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

Left: 1919.060+/-0.561 χ^2/NDF : 11869.2/7

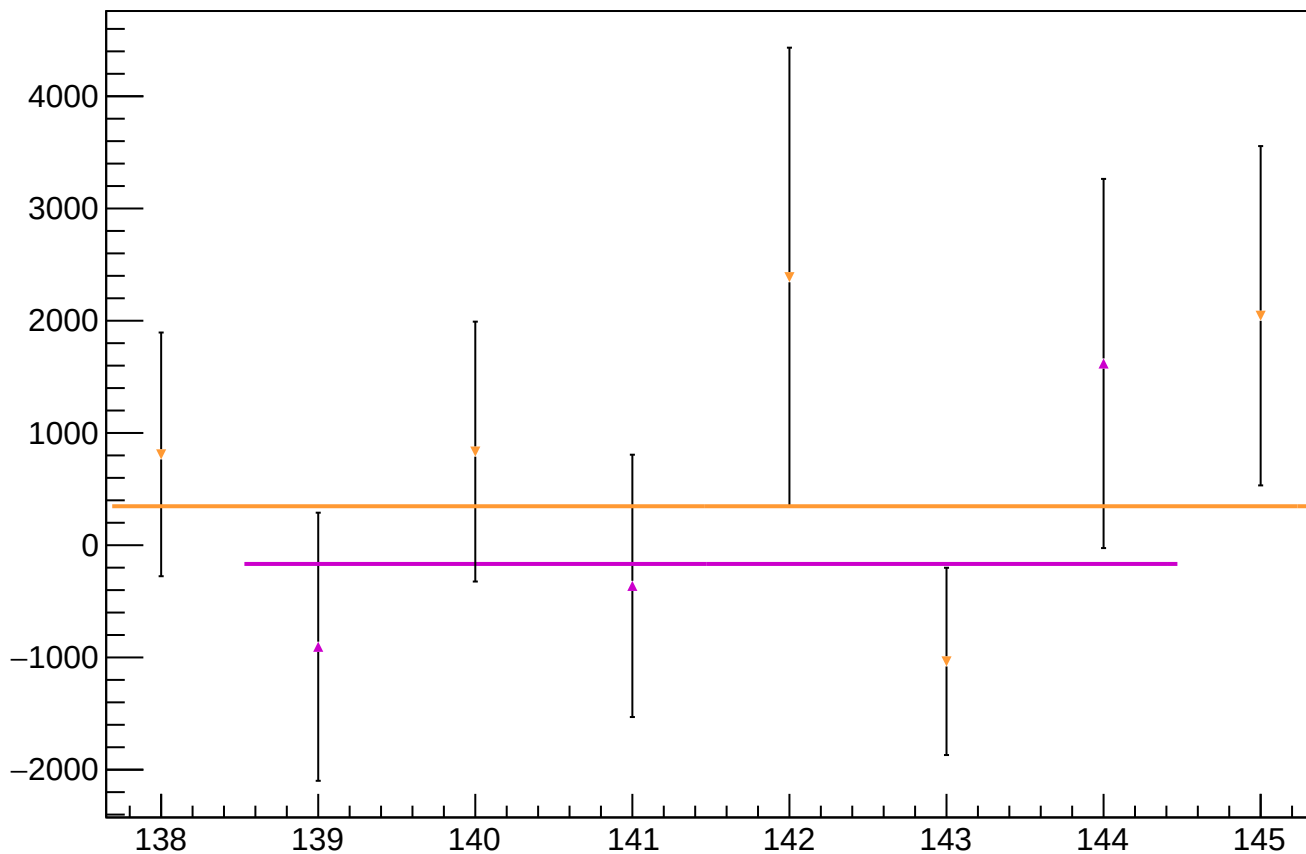
Right: 2019.360+/-0.396 χ^2/NDF : 1528357.7/35

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

Out: 1998.383+/-0.444 χ^2/NDF :632729.8/23

All: 1986.006+/-0.324 χ^2/NDF : 1561561.6/43

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 347.173+/-519.298 χ^2/NDF : 5.4/4

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

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

Left: 179.003+/-425.965 χ^2/NDF : 7.3/7

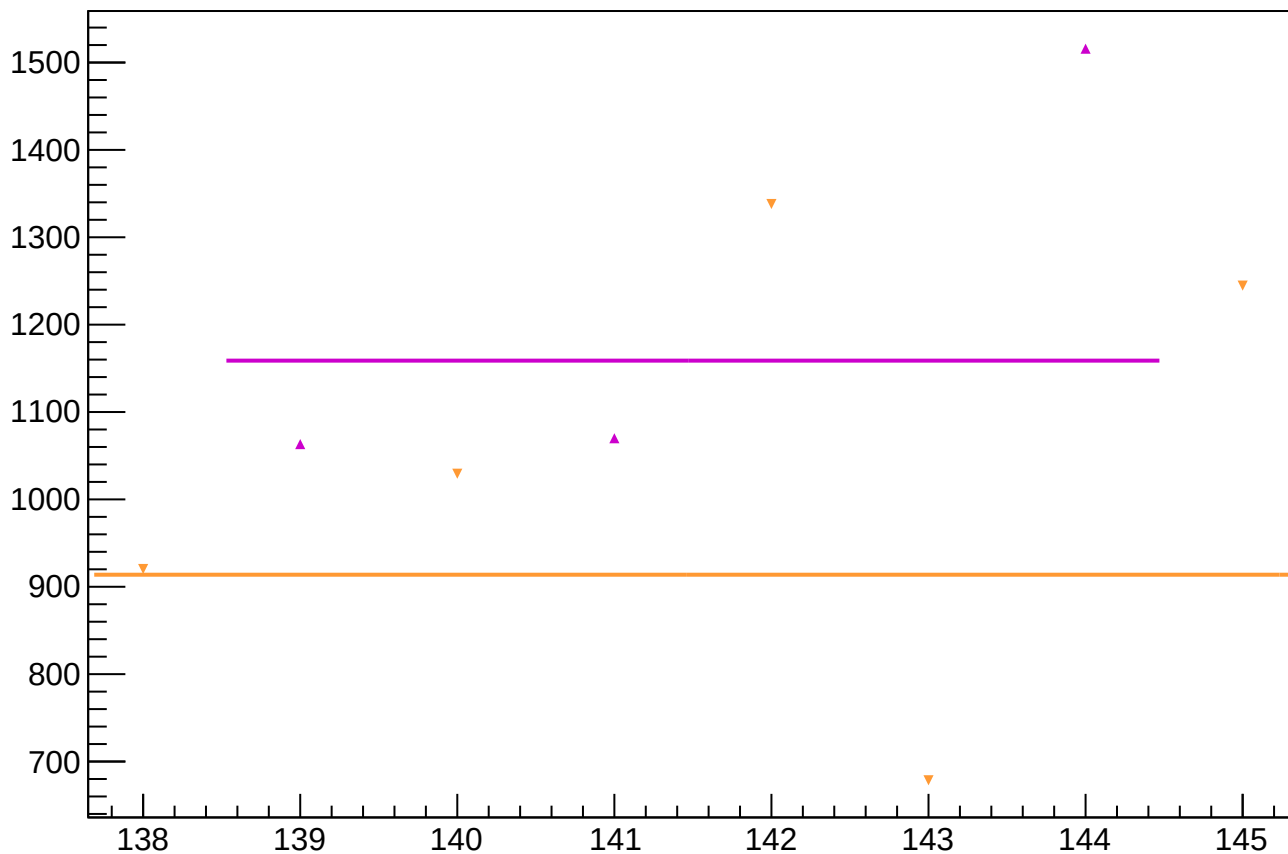
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 347.173+/-519.298 χ^2/NDF : 5.4/4

All: 179.003+/-425.965 χ^2/NDF : 7.3/7

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 913.804+/-0.367 χ^2/NDF :360994.3/4

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

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

Left: 993.961+/-0.301 χ^2/NDF : 625251.9/7

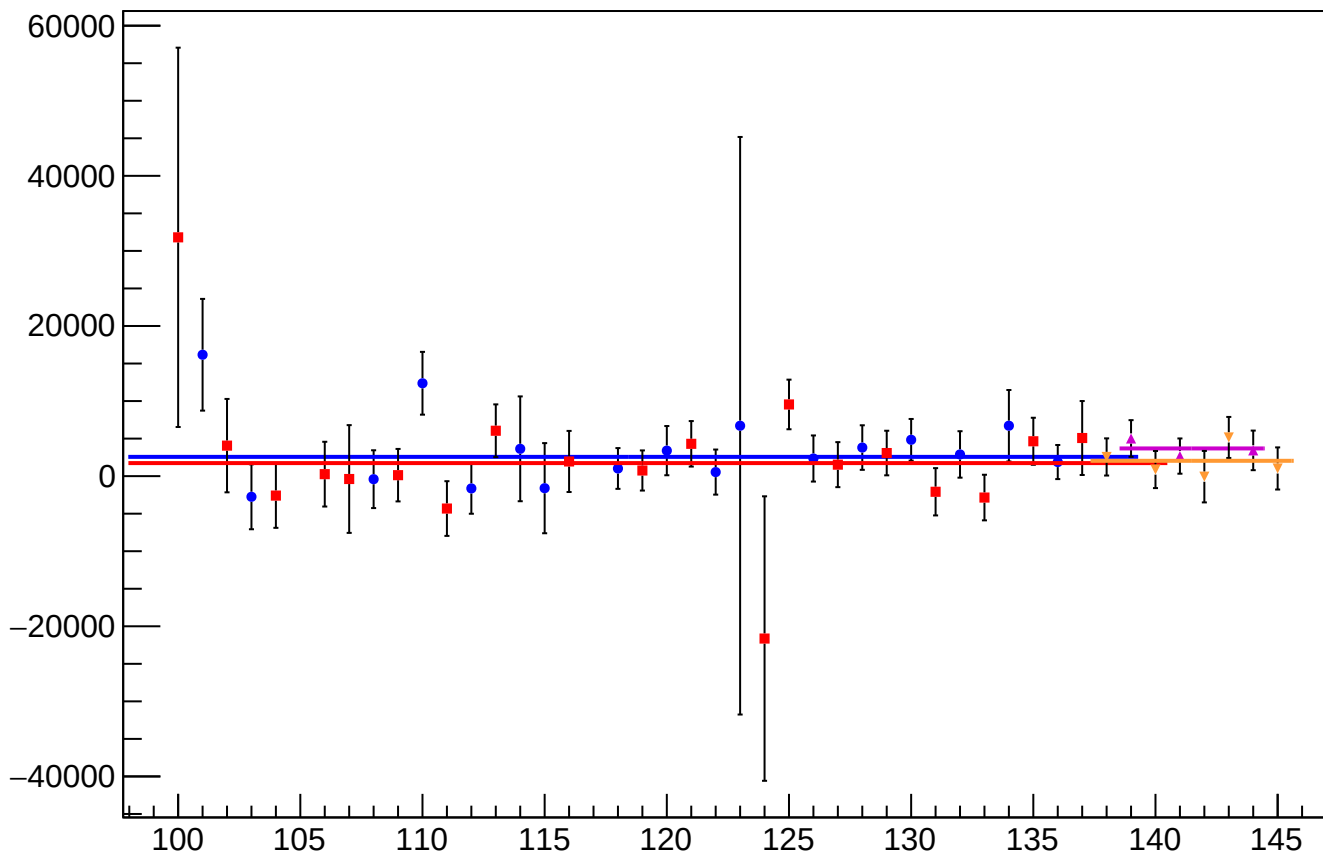
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 913.804+/-0.367 χ^2/NDF :360994.3/4

All: 993.961+/-0.301 χ^2/NDF : 625251.9/7

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2042.169 $\pm$ 1218.822 χ^2 /NDF:2.1/4

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

Left In: 3689.094 $\pm$ 1424.565 χ^2 /NDF:0.5/2

Left: 2738.218 $\pm$ 926.116 χ^2 /NDF: 3.3/7

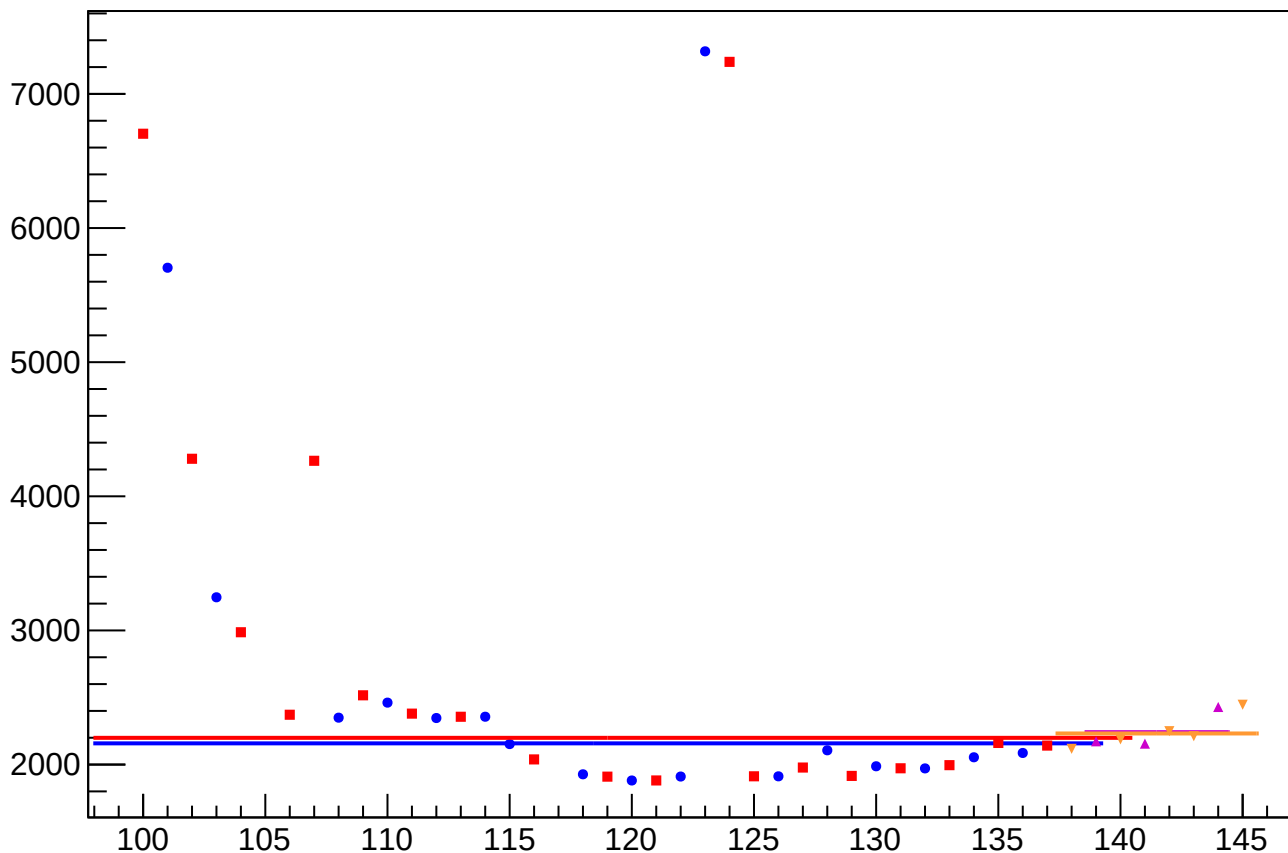
Right: 2150.830 $\pm$ 604.316 χ^2 /NDF: 36.5/35

In: 2864.565 $\pm$ 733.783 χ^2 /NDF:16.5/19

Out: 1837.817 $\pm$ 698.952 χ^2 /NDF:22.6/23

All: 2326.245 $\pm$ 506.099 χ^2 /NDF: 40.2/43

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2231.833 $\pm$ 0.862 χ^2 /NDF: 16744.4/4

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

Left In: 2241.789 $\pm$ 1.007 χ^2 /NDF: 14358.2/2

Left: 2236.040 $\pm$ 0.655 χ^2 /NDF: 31159.0/7

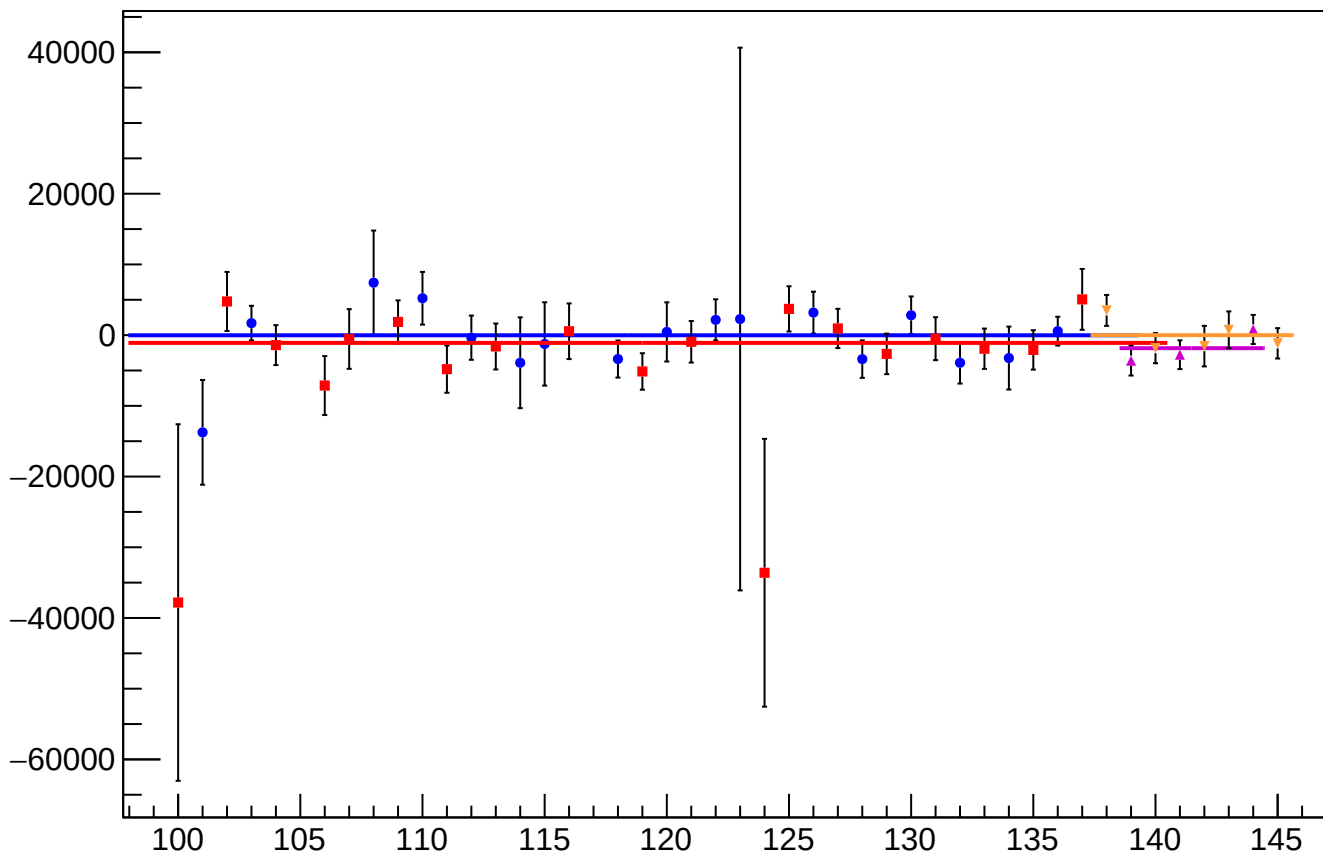
Right: 2178.816 $\pm$ 0.427 χ^2 /NDF: 1519207.5/35

In: 2180.340 $\pm$ 0.519 χ^2 /NDF: 733285.5/19

Out: 2210.028 $\pm$ 0.494 χ^2 /NDF: 820720.2/23

All: 2195.905 $\pm$ 0.358 χ^2 /NDF: 1555722.1/43

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -2.520 ± 1045.504 χ^2/NDF : 4.0/4

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

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

Left: -801.555 ± 786.339 χ^2/NDF : 7.9/7

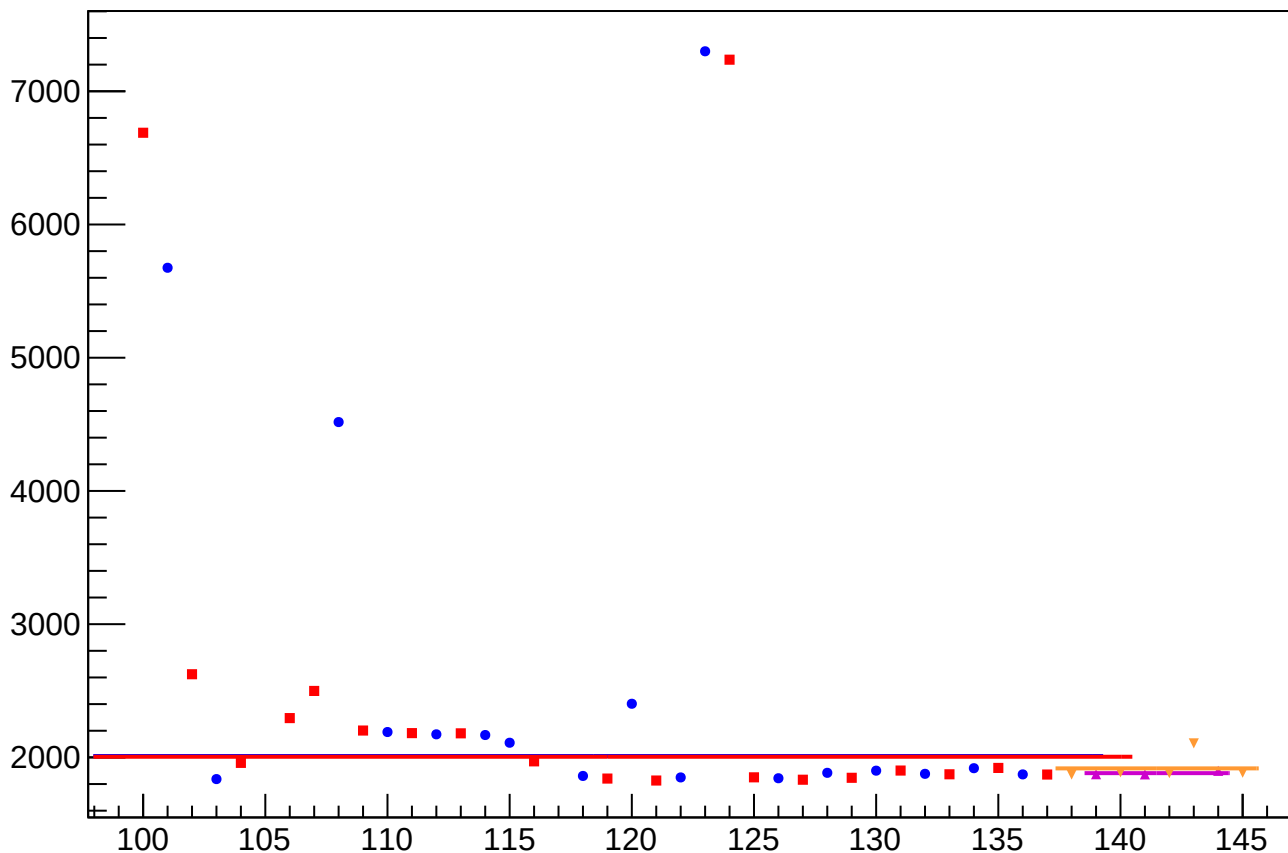
Right: -578.567 ± 555.139 χ^2/NDF : 36.2/35

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

Out: -711.273 ± 619.853 χ^2/NDF : 24.1/23

All: -652.738 ± 453.510 χ^2/NDF : 44.1/43

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1917.518+/-0.739 χ^2/NDF :12472.4/4

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

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

Left: 1901.996+/-0.556 χ^2/NDF : 13702.5/7

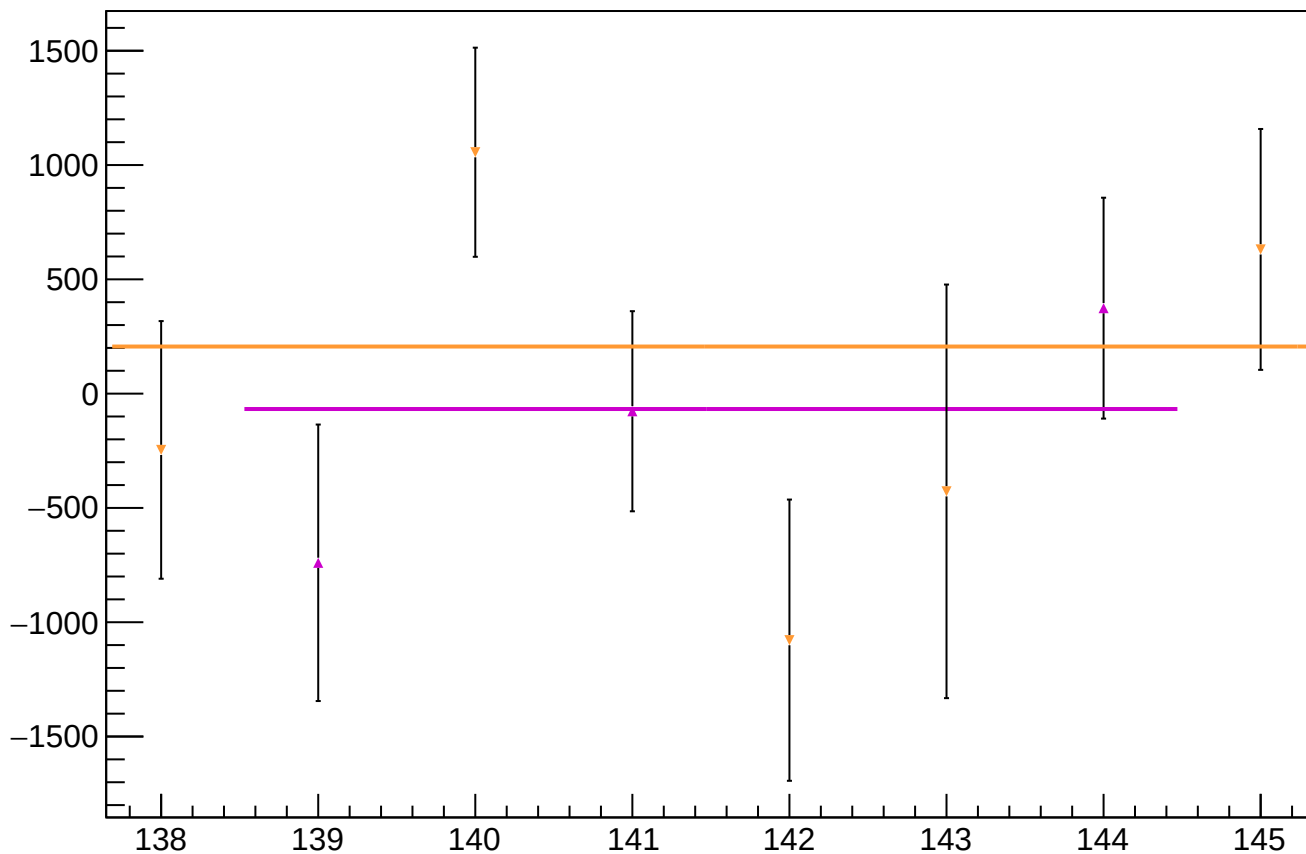
Right: 2007.469+/-0.393 χ^2/NDF : 1207306.7/35

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

Out: 1974.174+/-0.438 χ^2/NDF :389041.9/23

All: 1972.386+/-0.321 χ^2/NDF : 1245023.2/43

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 206.042+/-254.871 χ^2/NDF :9.6/4

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

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

Left: 84.992+/-190.237 χ^2/NDF : 12.2/7

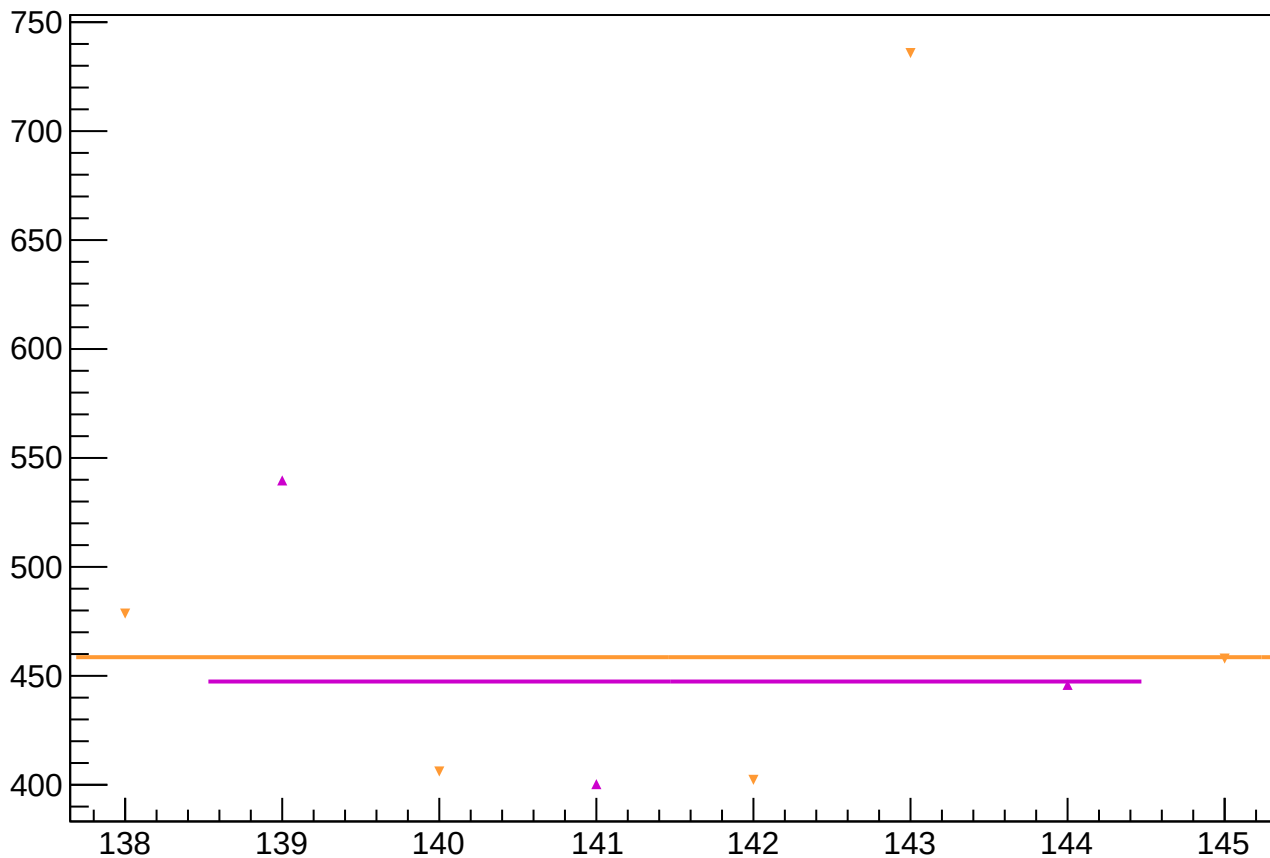
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.283+/-285.859 χ^2/NDF :2.1/2

Out: 206.042+/-254.871 χ^2/NDF :9.6/4

All: 84.992+/-190.237 χ^2/NDF : 12.2/7

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 458.567+/-0.180 χ^2/NDF :233424.3/4

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

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

Left: 453.620+/-0.135 χ^2/NDF : 304872.9/7

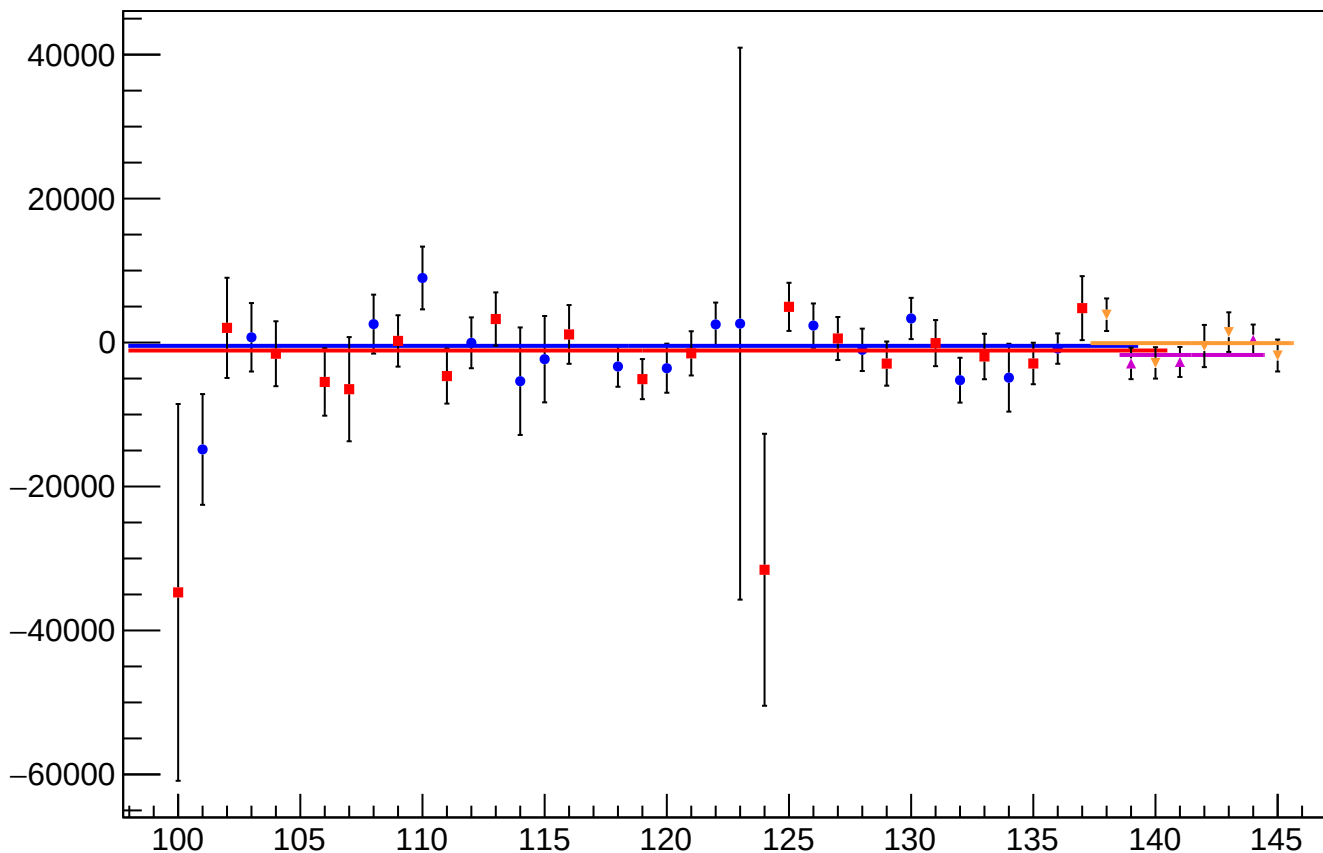
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 458.567+/-0.180 χ^2/NDF :233424.3/4

All: 453.620+/-0.135 χ^2/NDF : 304872.9/7

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -458.311 $\pm$ 865.151 χ^2/NDF : 18.1/16

Left Out: -80.946 $\pm$ 1080.283 χ^2/NDF : 5.6/4

Right Out: -1104.312 $\pm$ 867.160 χ^2/NDF : 16.9/18

Left In: -1725.476 $\pm$ 1228.578 χ^2/NDF : 1.5/2

Left: -798.019 $\pm$ 811.267 χ^2/NDF : 8.1/7

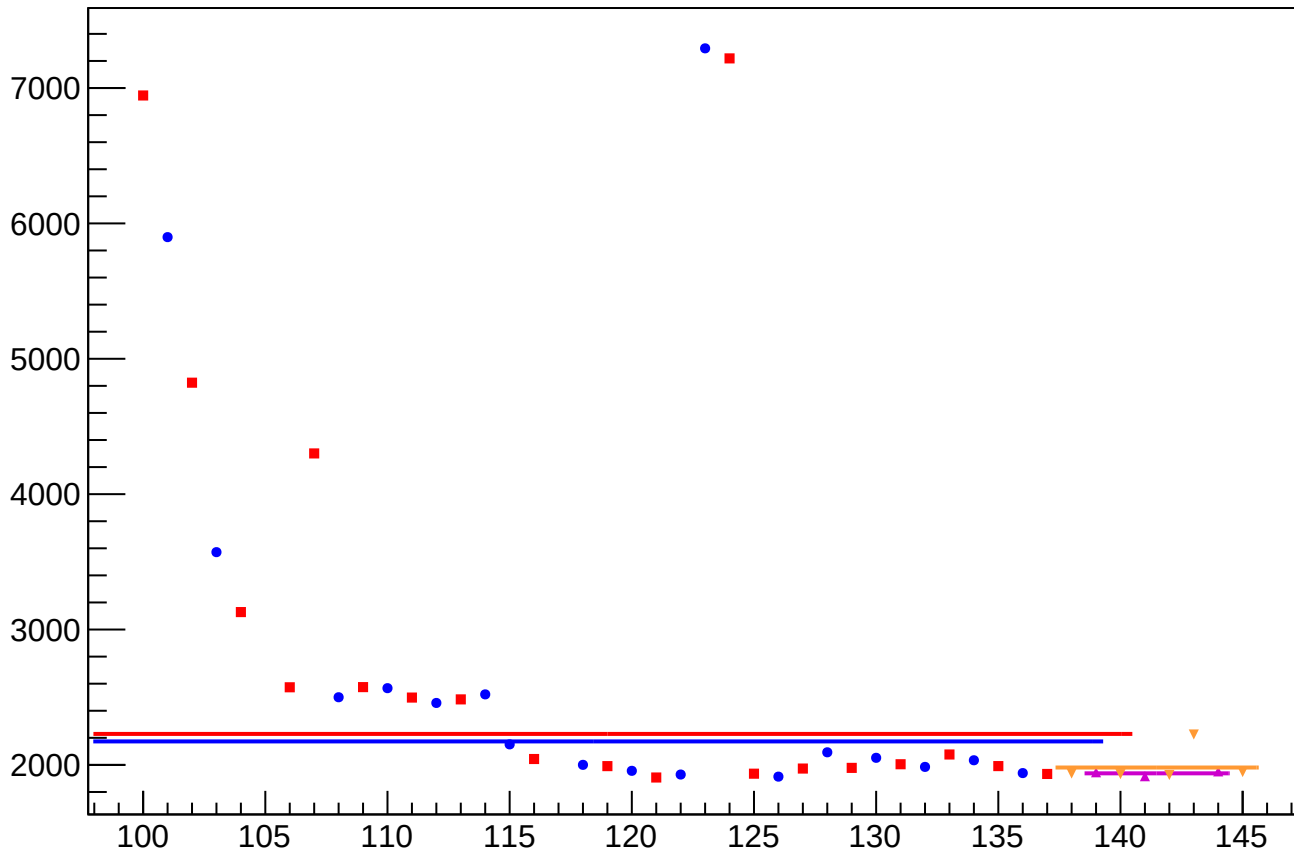
Right: -780.562 $\pm$ 612.463 χ^2/NDF : 35.2/35

In: -878.374 $\pm$ 707.365 χ^2/NDF : 20.3/19

Out: -703.298 $\pm$ 676.242 χ^2/NDF : 23.0/23

All: -786.900 $\pm$ 488.808 χ^2/NDF : 43.3/43

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1980.727 $\pm$ 0.764 χ^2/NDF : 18701.7/4

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

Left In: 1937.735 $\pm$ 0.869 χ^2/NDF : 328.8/2

Left: 1961.981 $\pm$ 0.574 χ^2/NDF : 20411.7/7

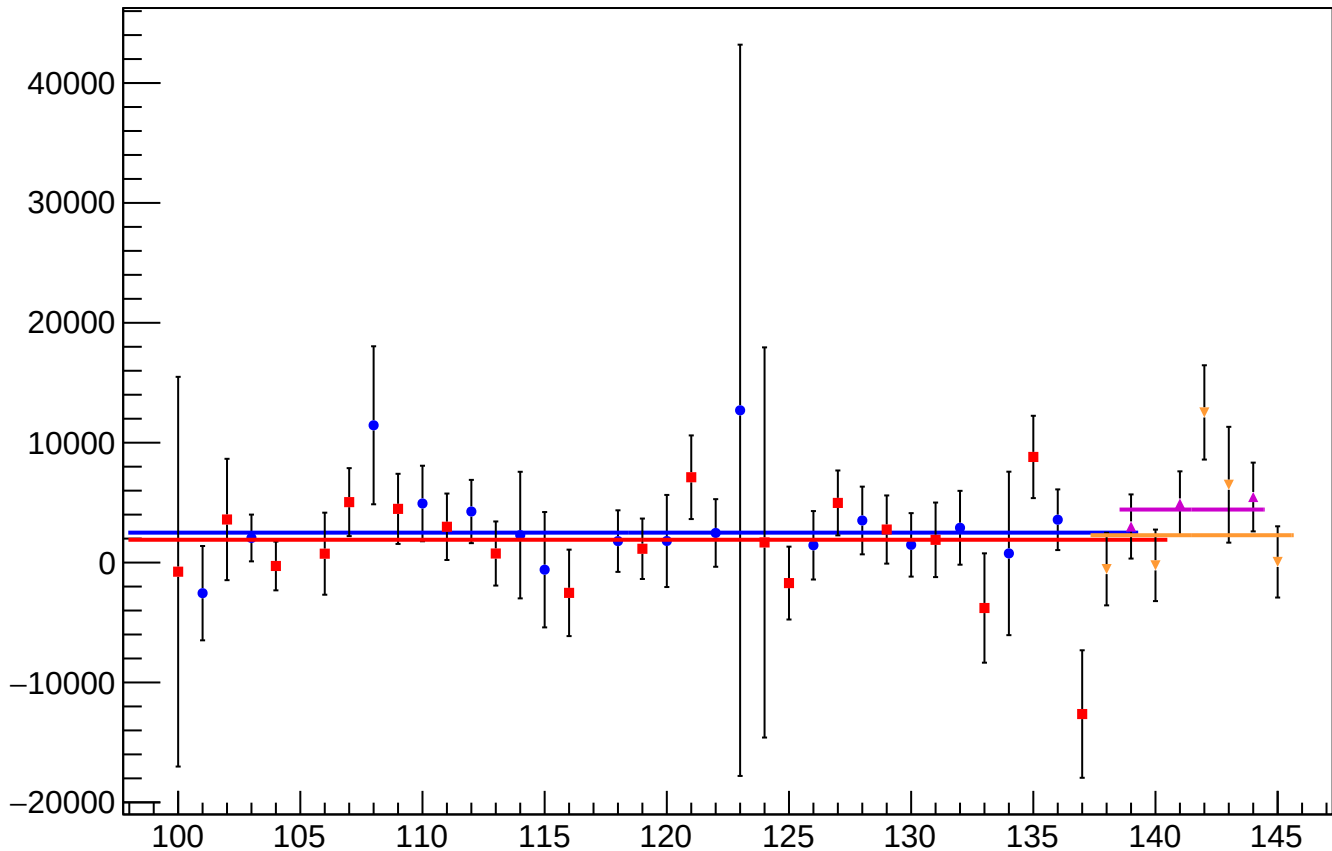
Right: 2201.146 $\pm$ 0.433 χ^2/NDF : 1705309.7/35

In: 2095.363 $\pm$ 0.500 χ^2/NDF : 854937.8/19

Out: 2131.647 $\pm$ 0.478 χ^2/NDF : 978751.4/23

All: 2114.321 $\pm$ 0.346 χ^2/NDF : 1836438.7/43

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 2281.993 $\pm$ 1503.706 χ^2 /NDF:9.7/4

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

Left In: 4423.004 $\pm$ 1580.839 χ^2 /NDF:0.4/2

Left: 3298.993 $\pm$ 1089.529 χ^2 /NDF: 11.1/7

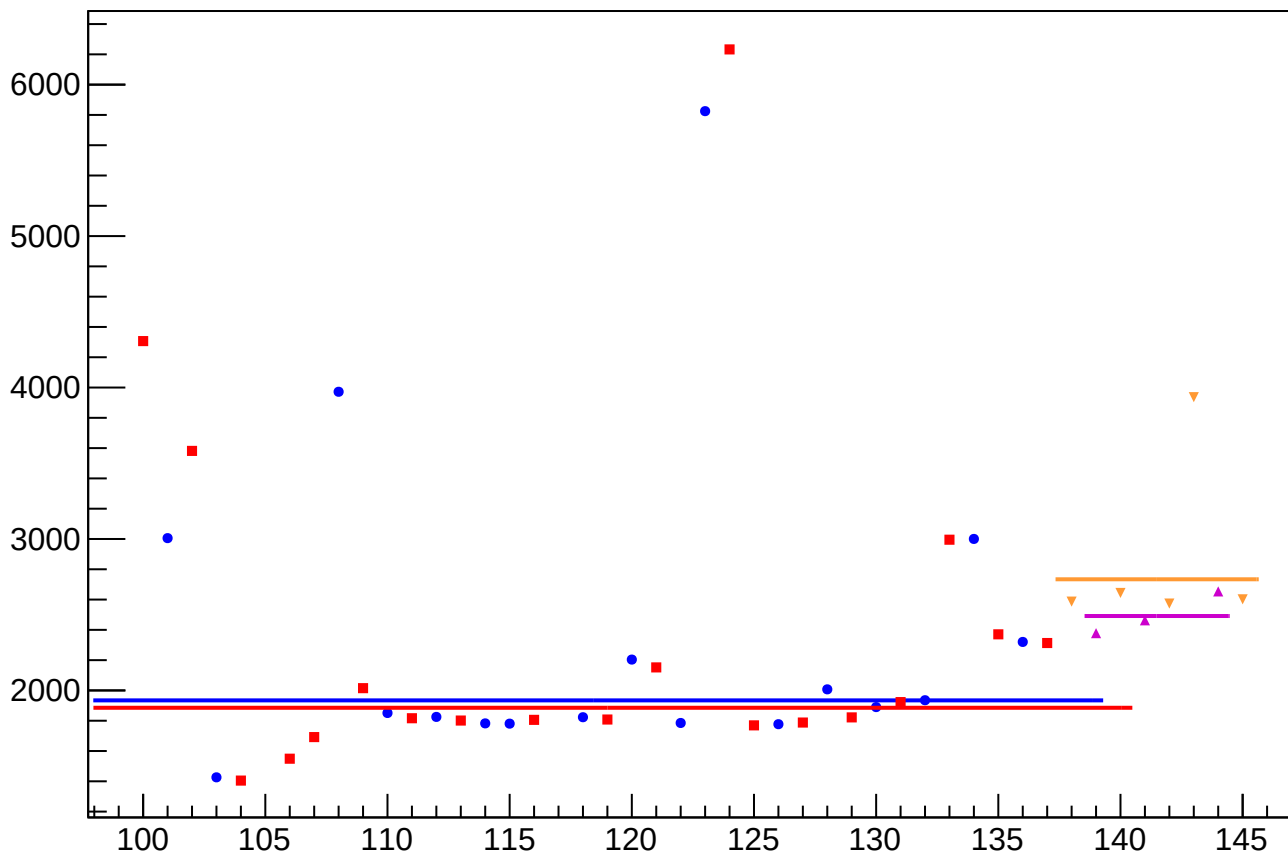
Right: 2187.370 $\pm$ 531.779 χ^2 /NDF: 29.7/35

In: 2864.685 $\pm$ 691.009 χ^2 /NDF:7.5/19

Out: 1976.350 $\pm$ 661.637 χ^2 /NDF:33.2/23

All: 2401.237 $\pm$ 477.894 χ^2 /NDF: 41.6/43

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1934.404 $\pm$ 0.543 χ^2/NDF : 638920.4/16

Left Out: 2733.862 $\pm$ 1.063 χ^2/NDF :137801.8/4

Right Out: 1885.547 $\pm$ 0.521 χ^2/NDF : 752091.8/18

Left In: 2491.397 $\pm$ 1.118 χ^2/NDF :10221.0/2

Left: 2618.689 $\pm$ 0.770 χ^2/NDF : 172723.2/7

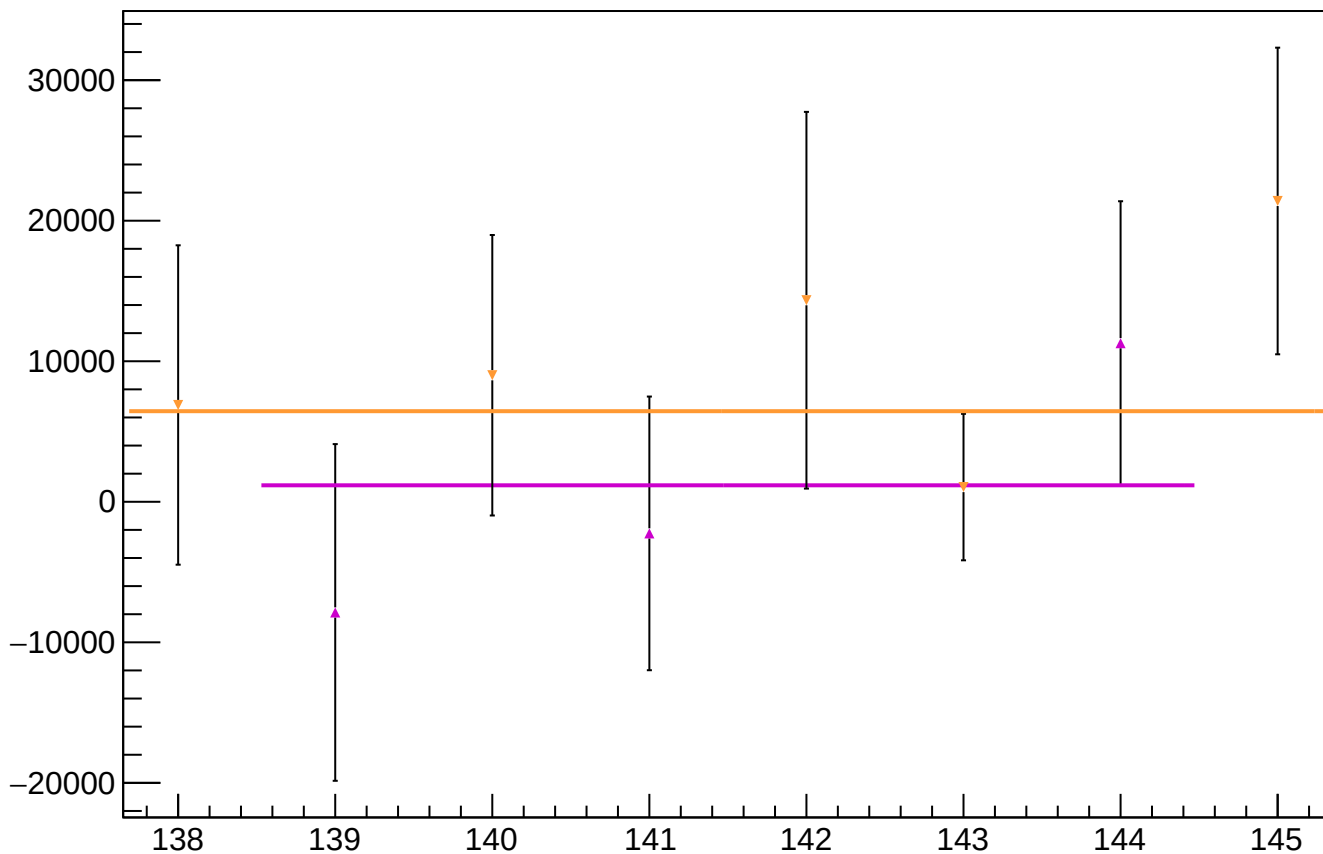
Right: 1908.949 $\pm$ 0.376 χ^2/NDF : 1395226.1/35

In: 2040.828 $\pm$ 0.489 χ^2/NDF :849988.5/19

Out: 2049.735 $\pm$ 0.468 χ^2/NDF :1403225.2/23

All: 2045.476 $\pm$ 0.338 χ^2/NDF : 2253387.1/43

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 6446.626+/-3818.993 χ^2/NDF :3.4/4

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

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

Left: 4943.894+/-3229.398 χ^2/NDF : 5.6/7

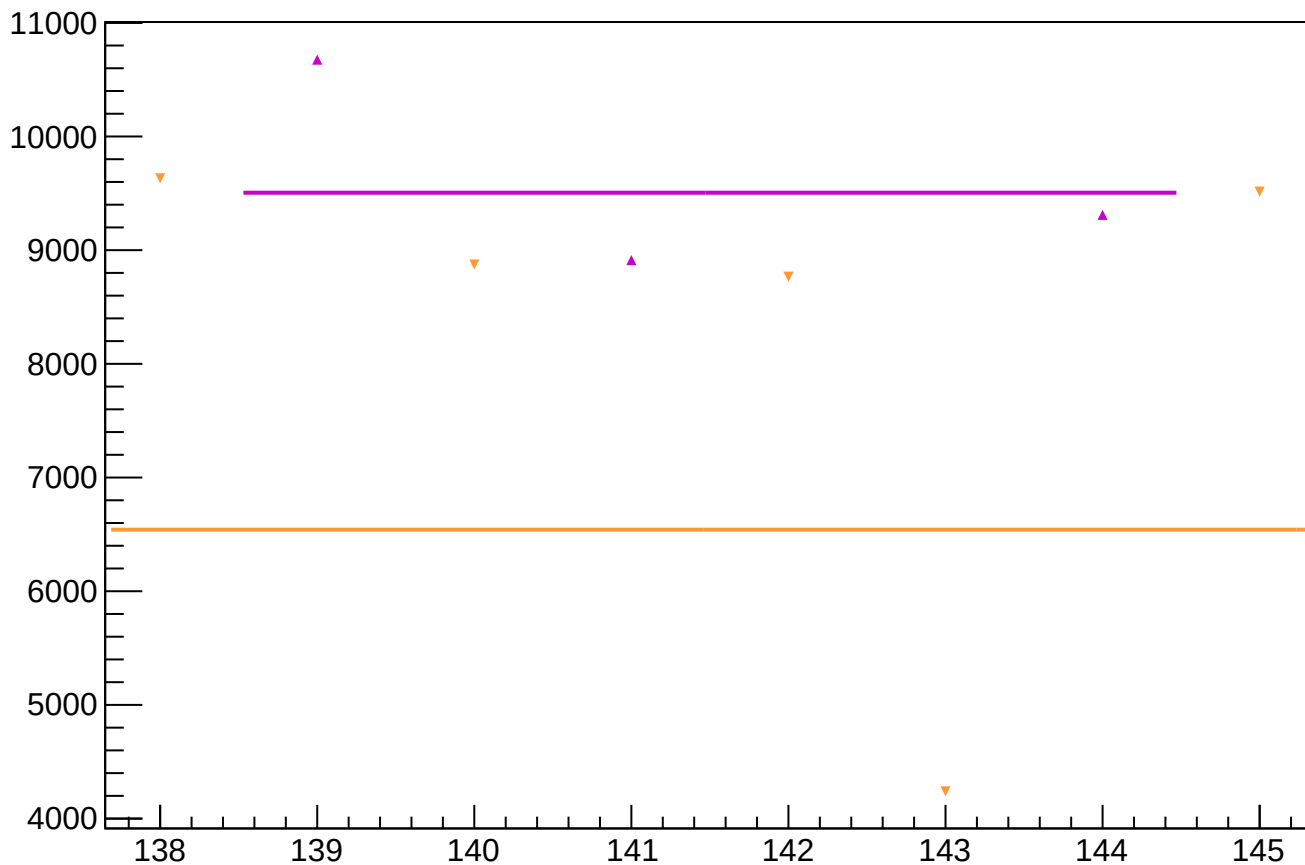
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 6446.626+/-3818.993 χ^2/NDF :3.4/4

All: 4943.894+/-3229.398 χ^2/NDF : 5.6/7

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 6541.424 ± 2.700 $\chi^2/\text{NDF}: 851048.9/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 9505.332 ± 4.278 $\chi^2/\text{NDF}: 27242.3/2$

Left: 7385.945 ± 2.284 $\chi^2/\text{NDF}: 1221539.0/7$

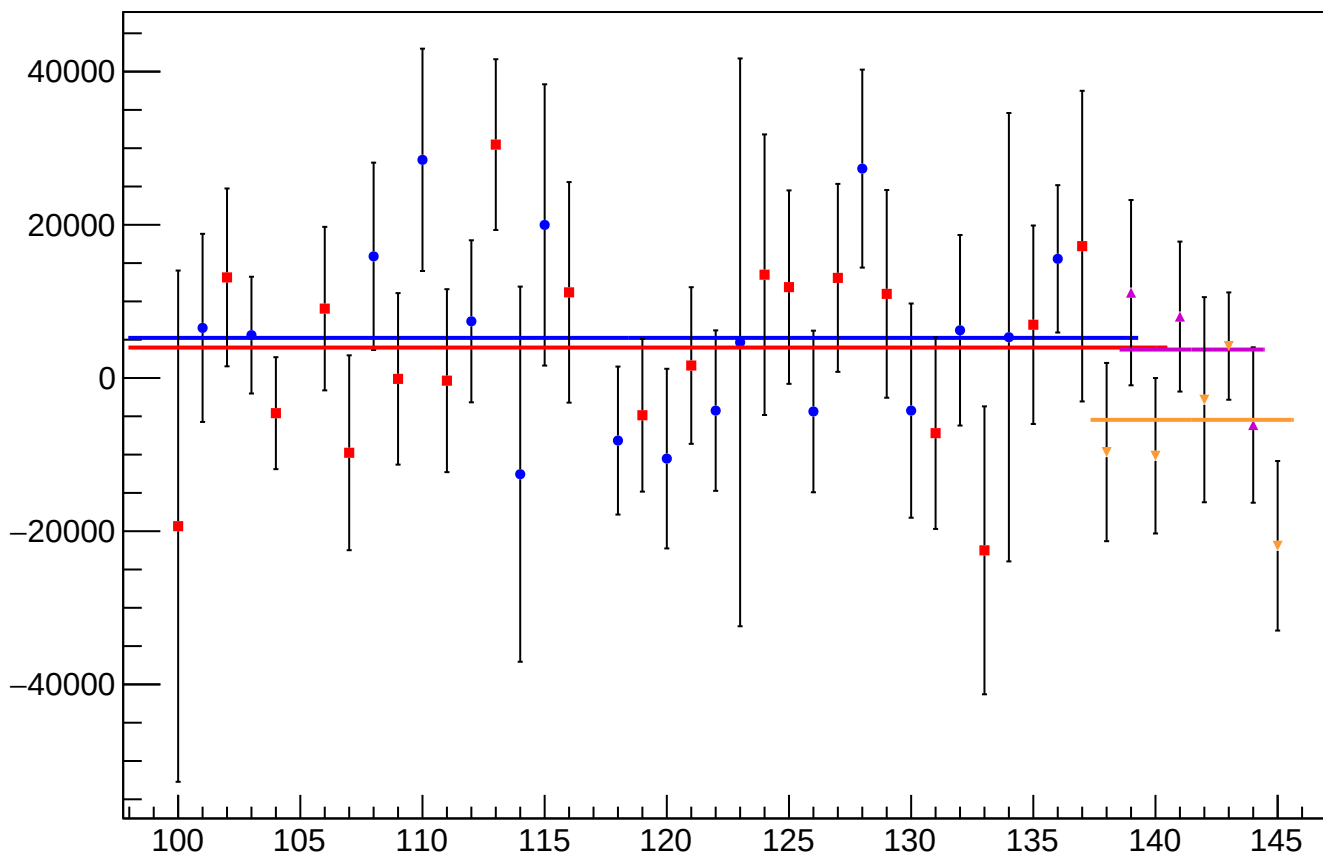
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 9505.332 ± 4.278 $\chi^2/\text{NDF}: 27242.3/2$

Out: 6541.424 ± 2.700 $\chi^2/\text{NDF}: 851048.9/4$

All: 7385.945 ± 2.284 $\chi^2/\text{NDF}: 1221539.0/7$

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

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

Left: -2295.512+/-3576.048 χ^2/NDF : 7.5/7

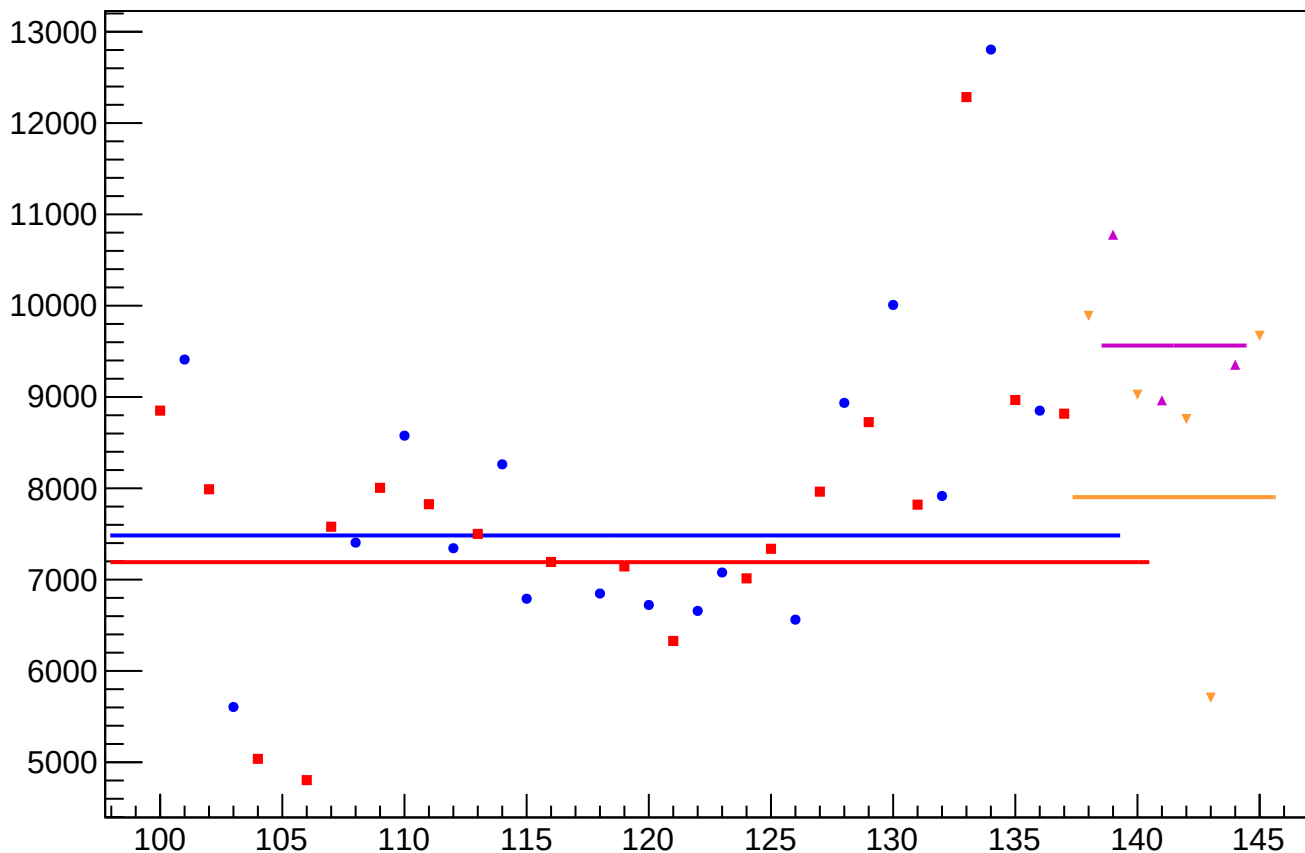
Right: 4573.057+/-2025.948 χ^2/NDF : 30.2/35

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

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

All: 2904.171+/-1762.721 χ^2/NDF : 40.5/43

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7903.458 $\pm$ 3.125 χ^2/NDF : 338357.1/4

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

Left In: 9563.495 $\pm$ 4.305 χ^2/NDF : 28508.4/2

Left: 8476.280 $\pm$ 2.529 χ^2/NDF : 464265.3/7

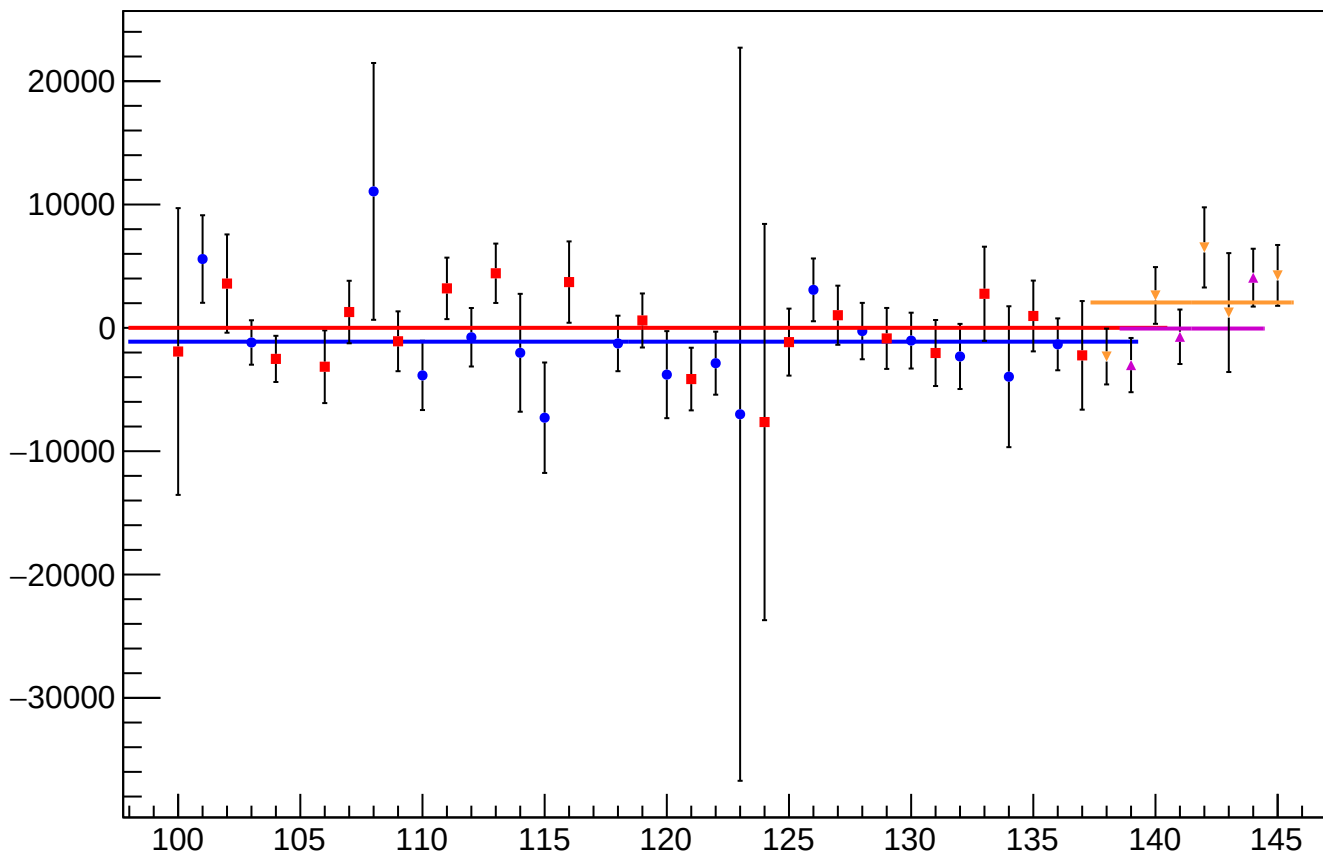
Right: 7329.673 $\pm$ 1.432 χ^2/NDF : 1000940.7/35

In: 7878.428 $\pm$ 1.875 χ^2/NDF : 649437.8/19

Out: 7394.400 $\pm$ 1.668 χ^2/NDF : 934235.7/23

All: 7608.235 $\pm$ 1.246 χ^2/NDF : 1620867.1/43

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 2058.150 $\pm$ 1207.125 χ^2 /NDF: 6.5/4

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

Left In: -55.480 $\pm$ 1297.847 χ^2 /NDF: 5.0/2

Left: 1077.784 $\pm$ 883.900 χ^2 /NDF: 12.9/7

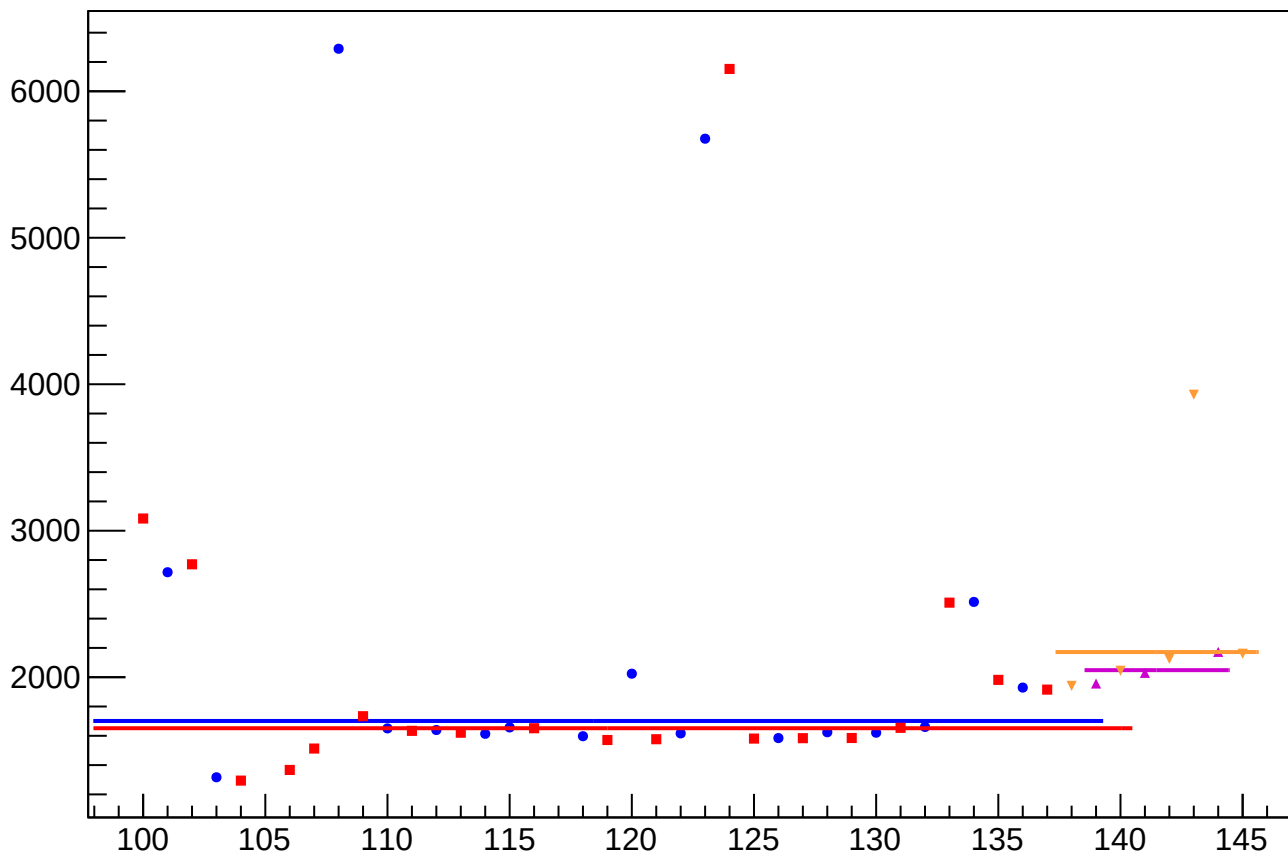
Right: -525.400 $\pm$ 465.654 χ^2 /NDF: 29.2/35

In: -891.547 $\pm$ 601.749 χ^2 /NDF: 17.8/19

Out: 453.206 $\pm$ 565.221 χ^2 /NDF: 24.3/23

All: -177.119 $\pm$ 411.980 χ^2 /NDF: 44.7/43

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2171.780 ± 0.854 χ^2/NDF : 293063.2/4

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

Left In: 2048.183 ± 0.918 χ^2/NDF : 9245.3/2

Left: 2114.452 ± 0.625 χ^2/NDF : 312033.6/7

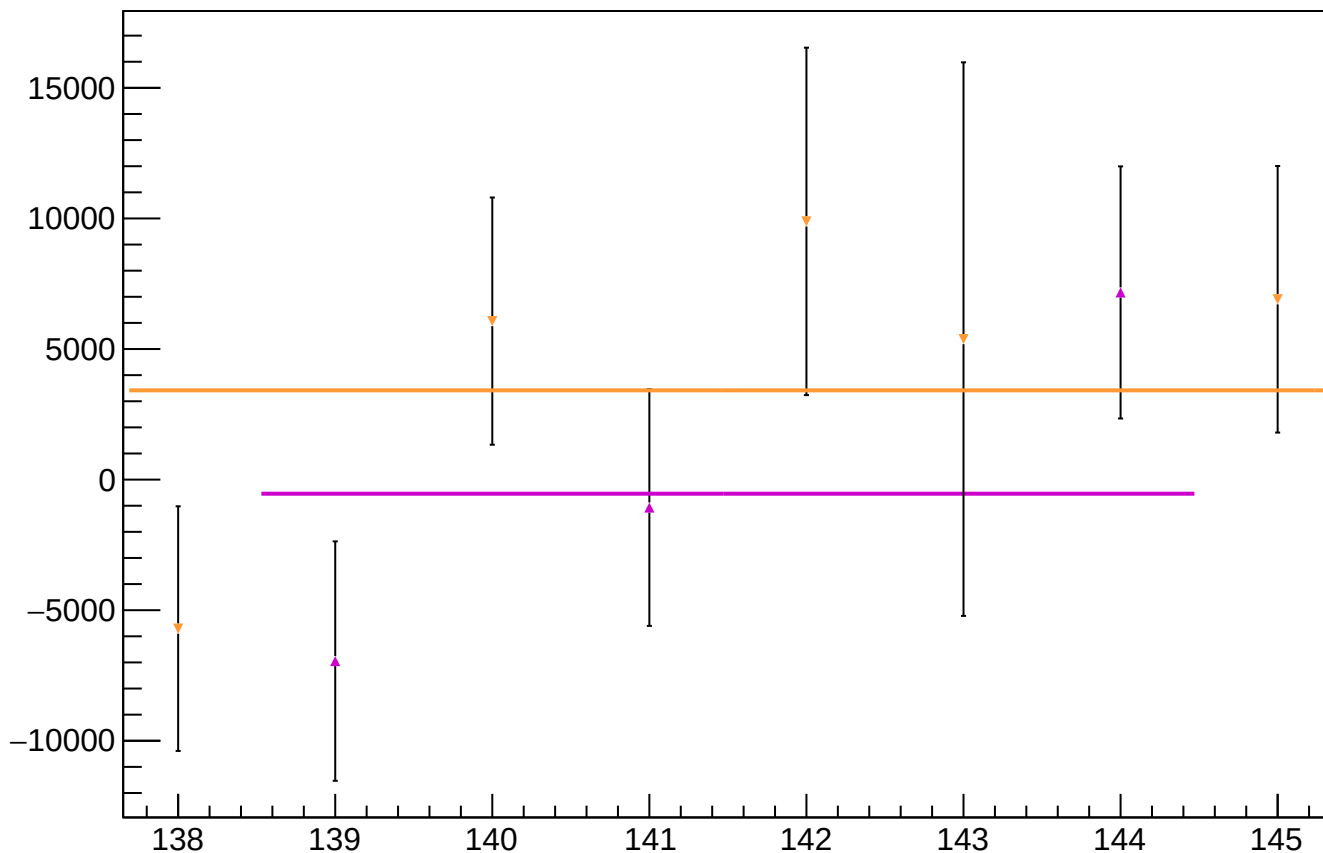
Right: 1675.026 ± 0.329 χ^2/NDF : 1373201.9/35

In: 1775.857 ± 0.426 χ^2/NDF : 900134.6/19

Out: 1765.752 ± 0.400 χ^2/NDF : 1171722.0/23

All: 1770.488 ± 0.291 χ^2/NDF : 2072156.2/43

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 3417.552+/-2499.115 χ^2/NDF :5.6/4

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

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

Left: 1577.151+/-1827.796 χ^2/NDF : 11.2/7

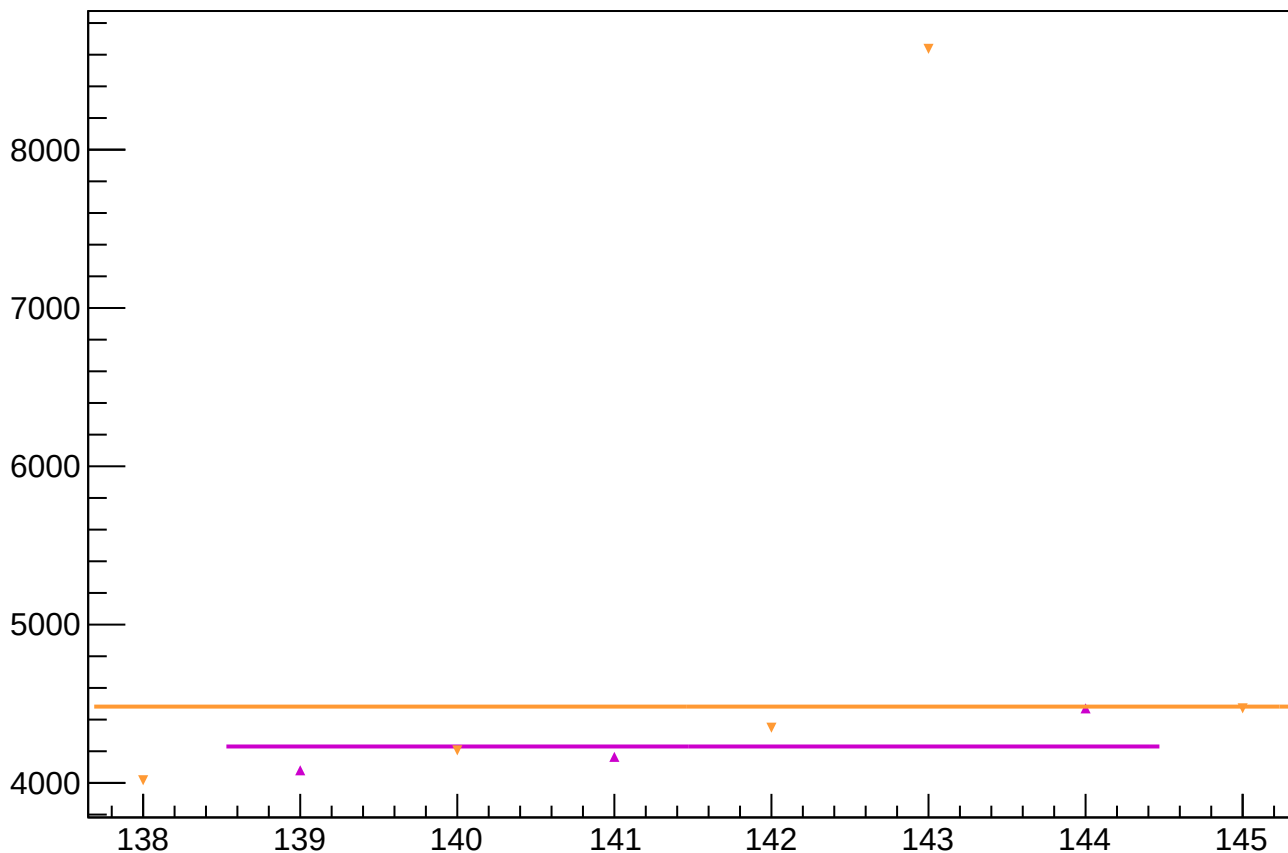
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 3417.552+/-2499.115 χ^2/NDF :5.6/4

All: 1577.151+/-1827.796 χ^2/NDF : 11.2/7

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4482.053+/-1.767 χ^2/NDF :334766.6/4

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

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

Left: 4364.885+/-1.292 χ^2/NDF : 351766.1/7

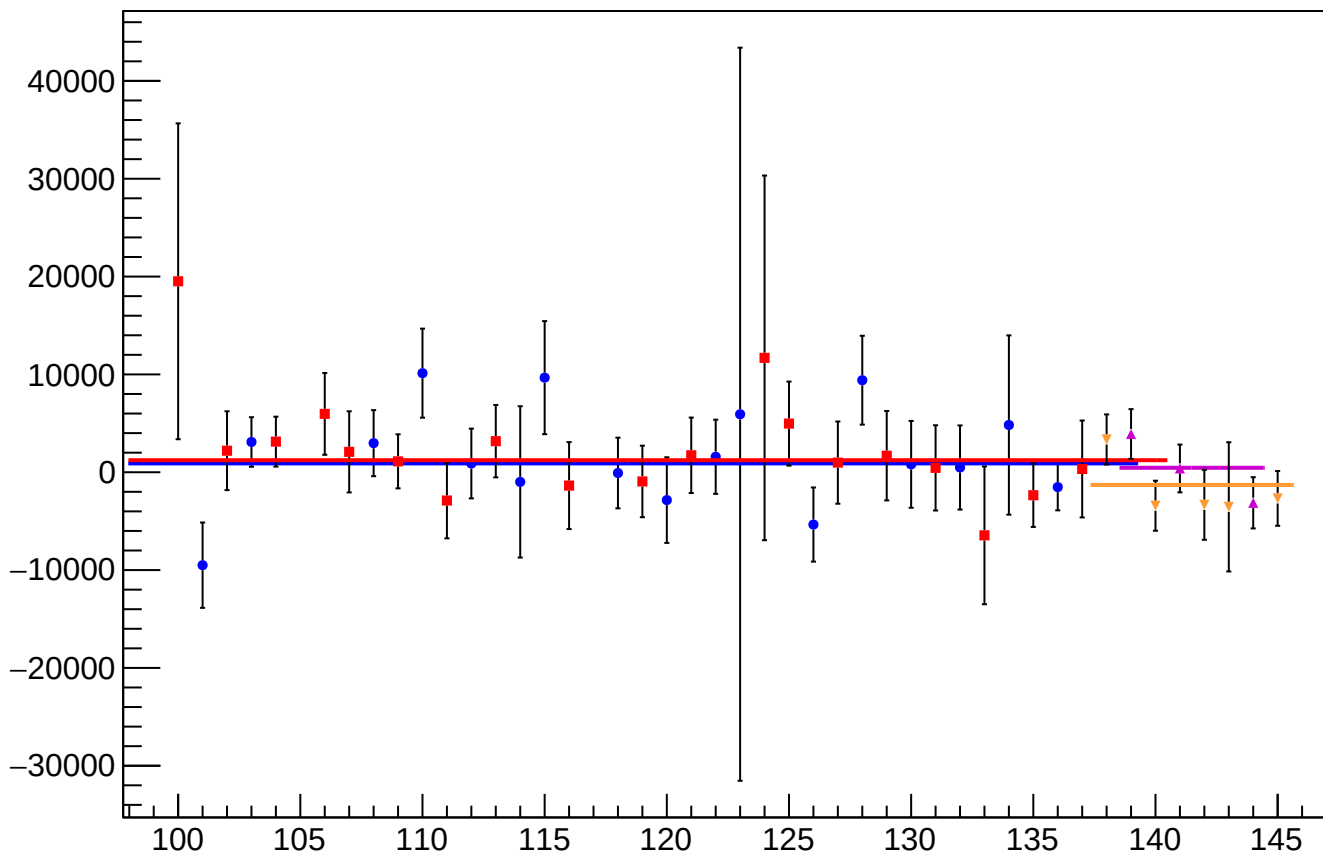
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 4482.053+/-1.767 χ^2/NDF :334766.6/4

All: 4364.885+/-1.292 χ^2/NDF : 351766.1/7

asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: -479.875+/-998.628 χ^2/NDF : 9.2/7

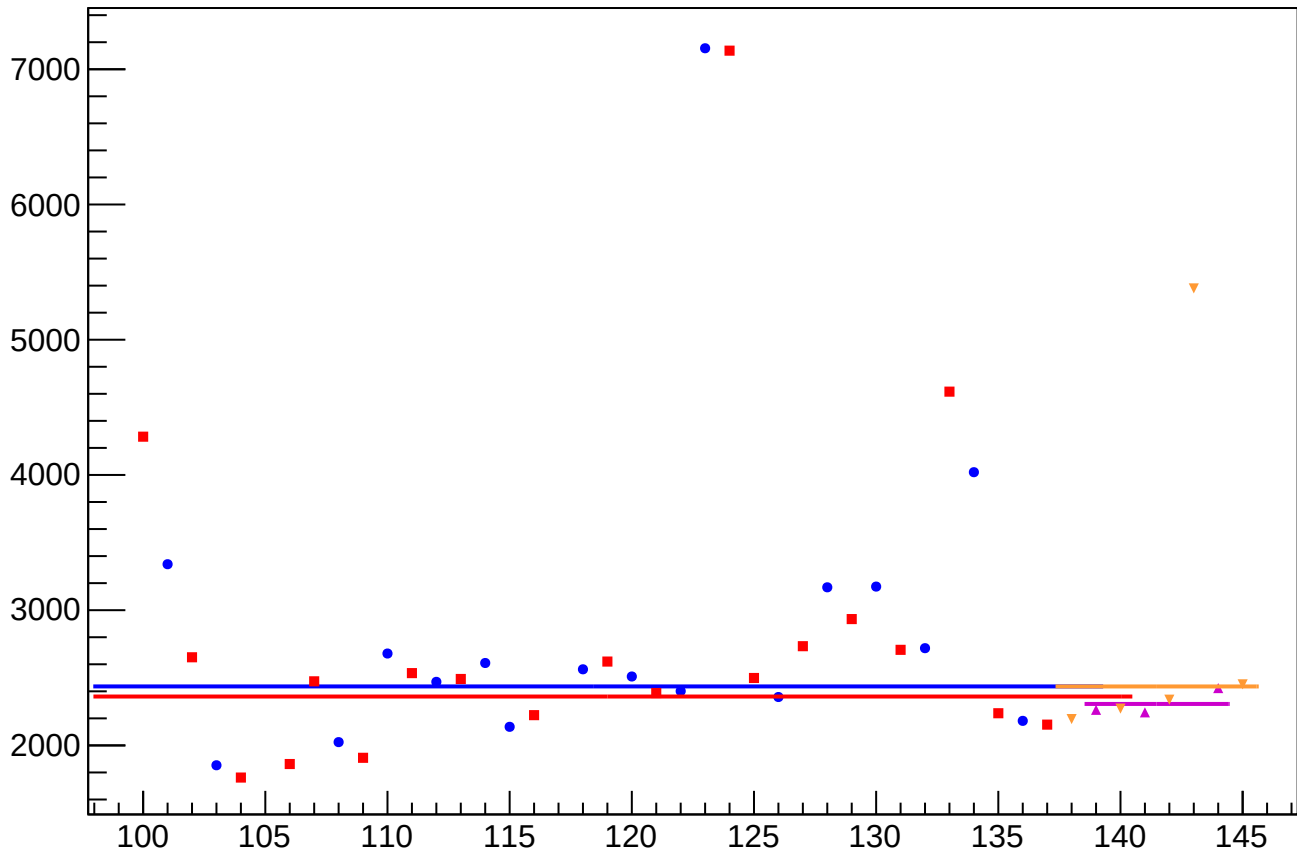
Right: 1073.549+/-666.754 χ^2/NDF : 30.6/35

In: 767.987+/-803.481 χ^2/NDF : 25.4/19

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

All: 594.576+/-554.516 χ^2/NDF : 41.4/43

asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 2375.584+/-0.706 χ^2/NDF : 439146.1/7

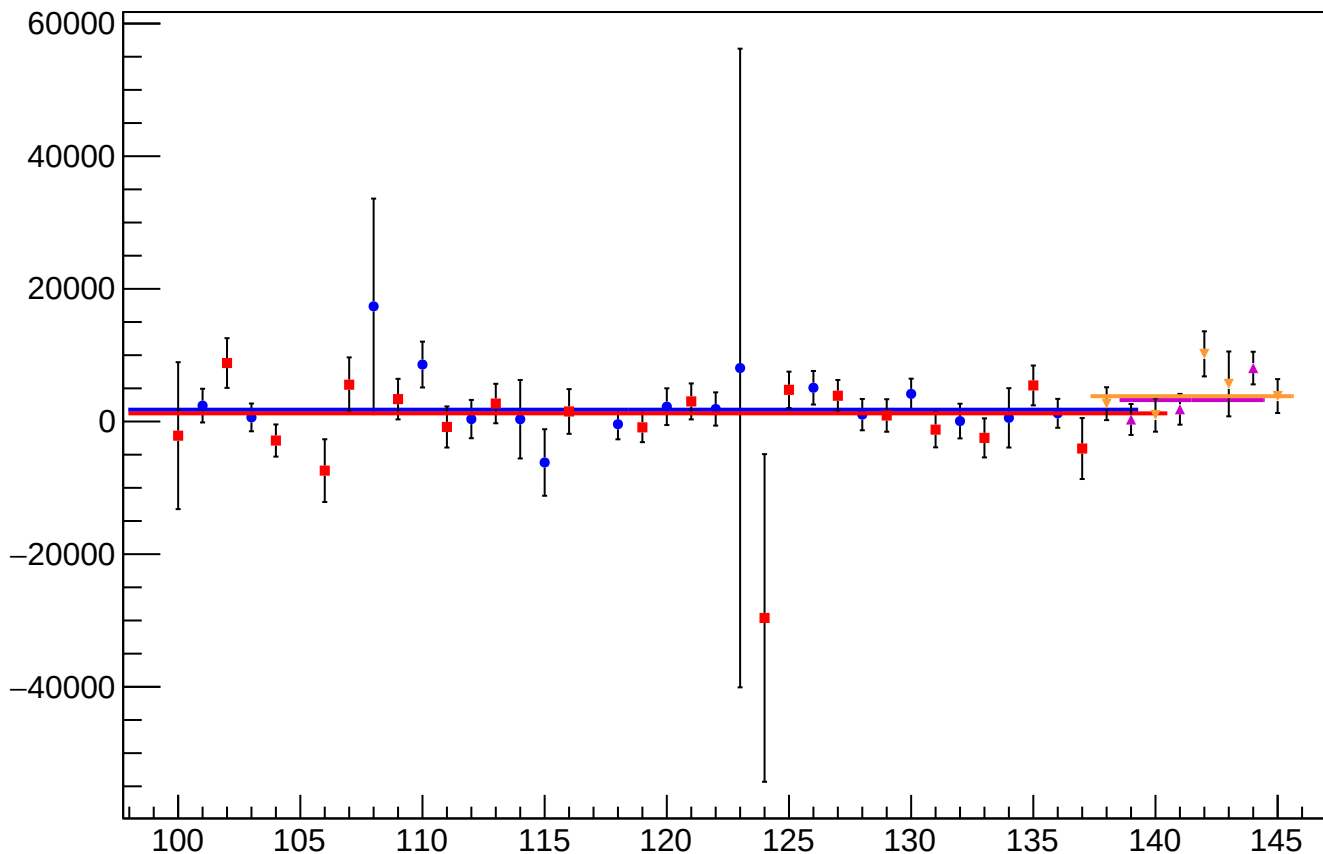
Right: 2397.448+/-0.471 χ^2/NDF : 1130664.2/35

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

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

All: 2390.706+/-0.392 χ^2/NDF : 1570473.5/43

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 3818.473+/-1288.256 χ^2/NDF : 5.2/4

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

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

Left: 3543.369+/-937.491 χ^2/NDF : 11.0/7

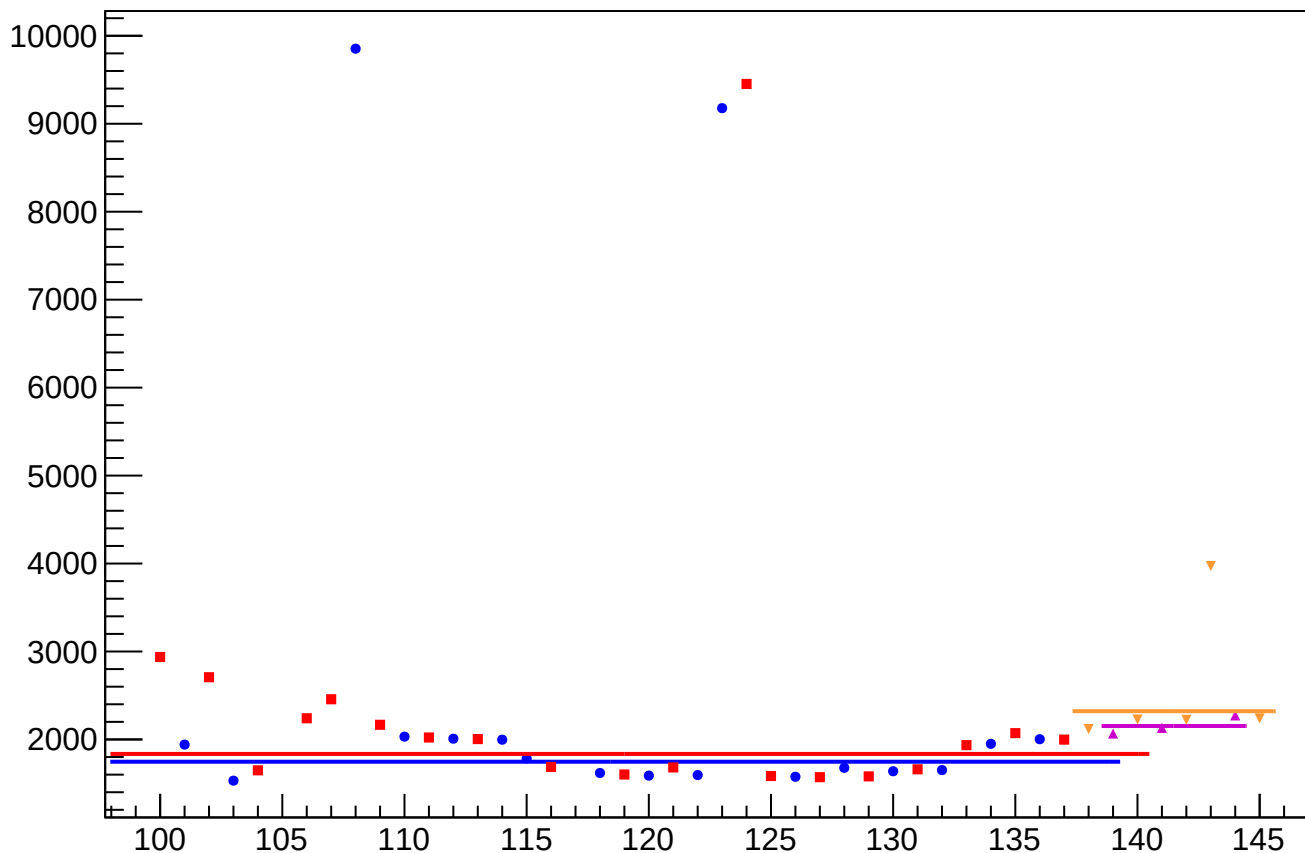
Right: 1511.828+/-495.804 χ^2/NDF : 37.0/35

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

Out: 1830.102+/-620.568 χ^2/NDF : 32.5/23

All: 1955.850+/-438.285 χ^2/NDF : 51.7/43

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2321.193+/-0.911 χ^2/NDF :247904.9/4

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

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

Left: 2242.135+/-0.663 χ^2/NDF : 271613.4/7

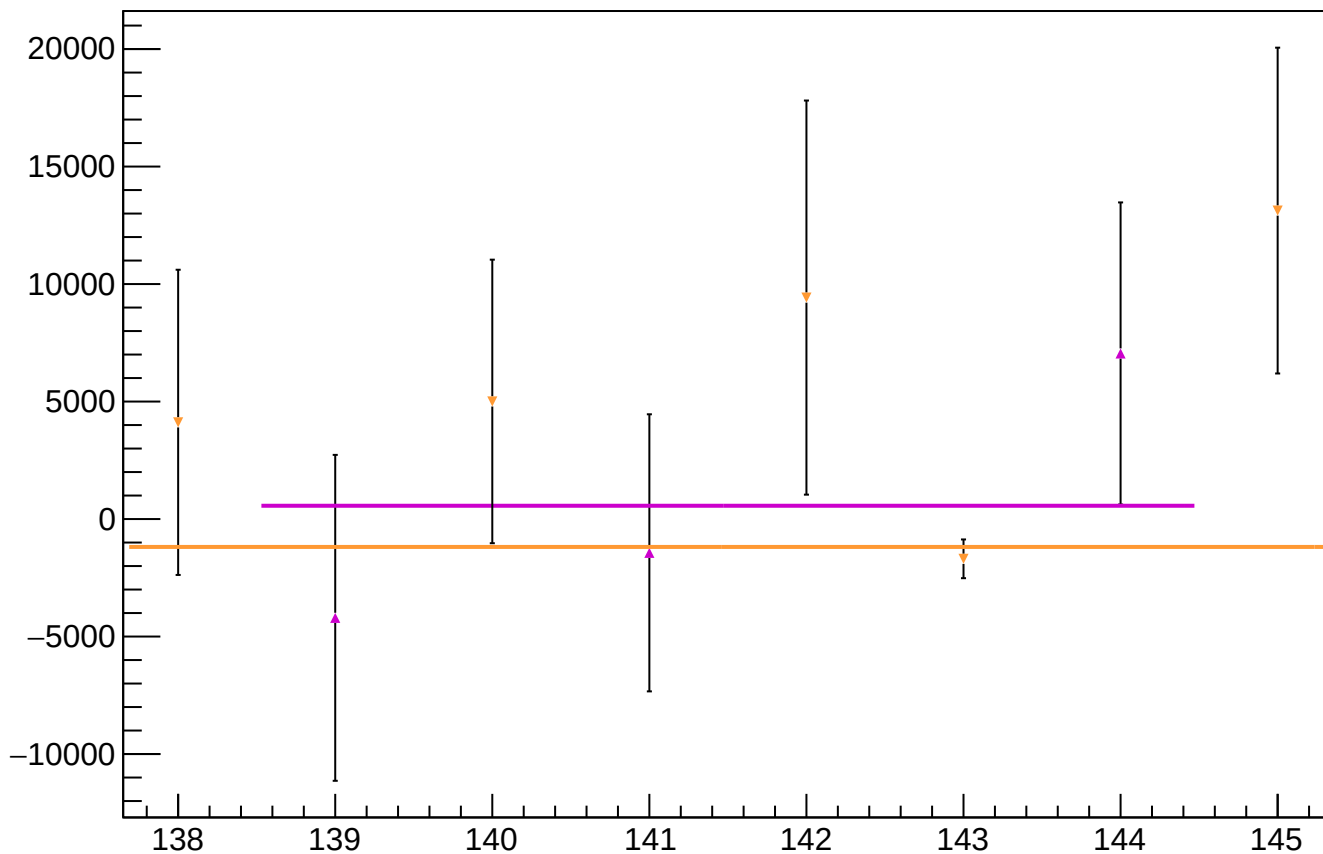
Right: 1790.310+/-0.350 χ^2/NDF : 1248859.1/35

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

Out: 1947.929+/-0.438 χ^2/NDF :1016822.9/23

All: 1888.972+/-0.310 χ^2/NDF : 1883585.4/43

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1186.602+/-801.181 χ^2/NDF : 8.0/4

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

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

Left: -1107.377+/-782.862 χ^2/NDF : 9.8/7

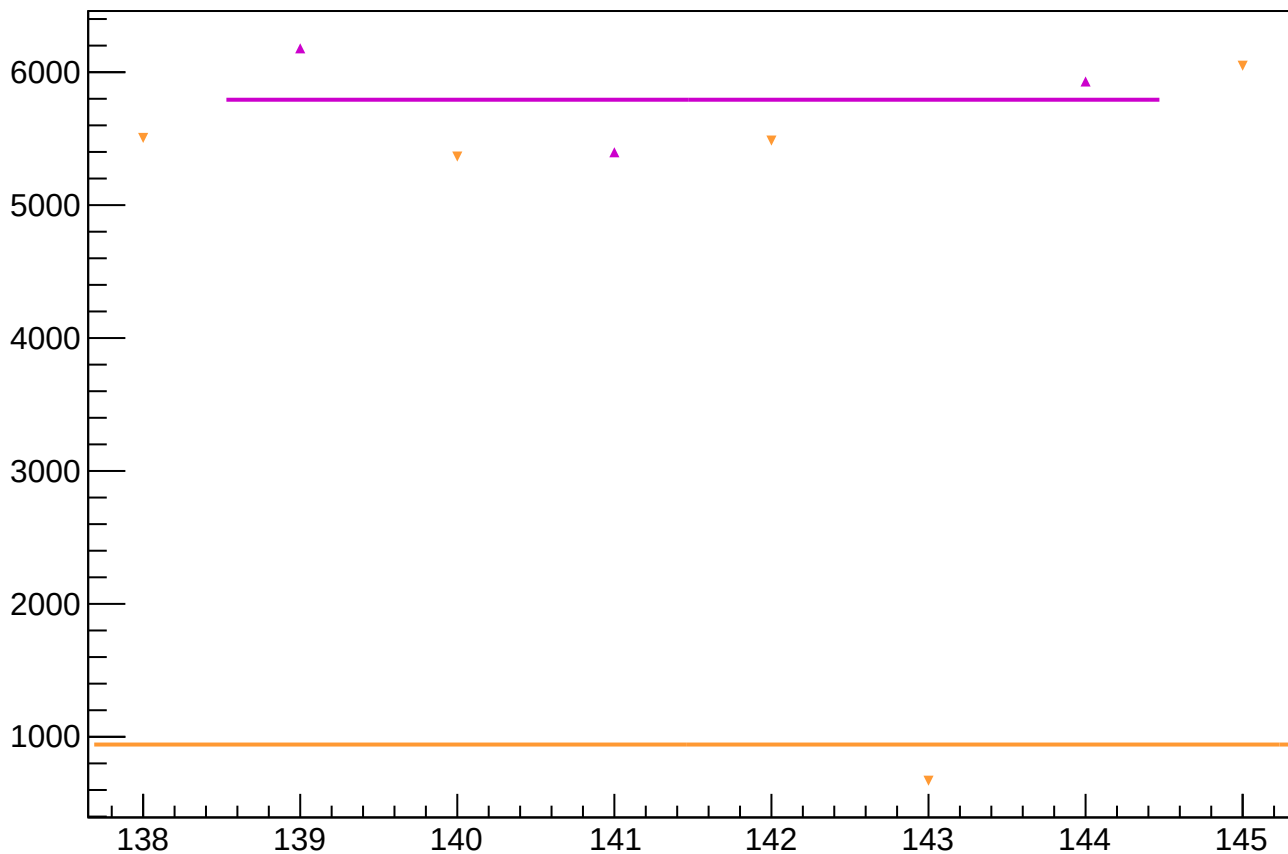
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: -1186.602+/-801.181 χ^2/NDF : 8.0/4

All: -1107.377+/-782.862 χ^2/NDF : 9.8/7

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 941.917+/-0.567 χ^2/NDF :3953057.0/4

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

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

Left: 1161.214+/-0.554 χ^2/NDF : 7283710.9/7

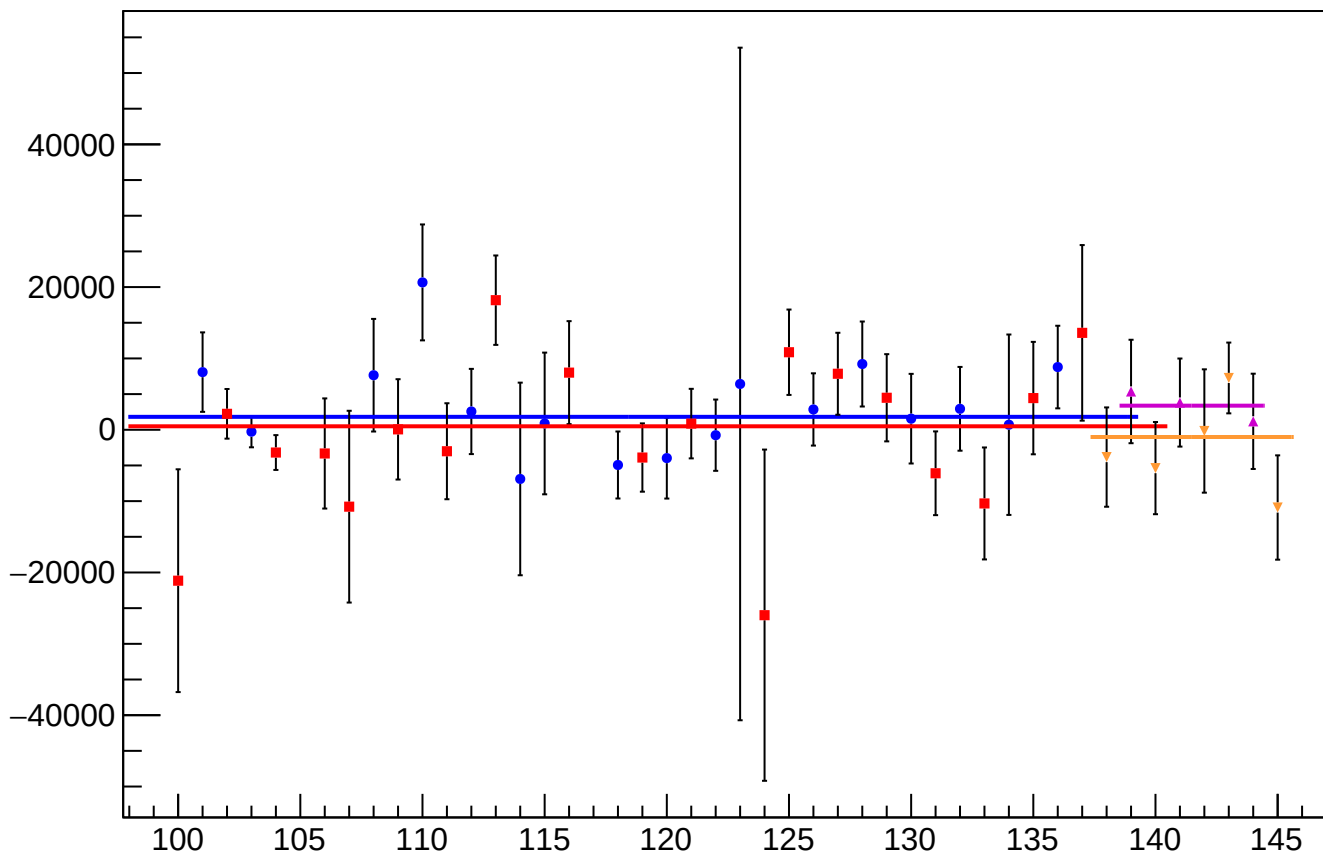
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 941.917+/-0.567 χ^2/NDF :3953057.0/4

All: 1161.214+/-0.554 χ^2/NDF : 7283710.9/7

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

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

Left: 594.978+/-2324.583 χ^2/NDF : 6.3/7

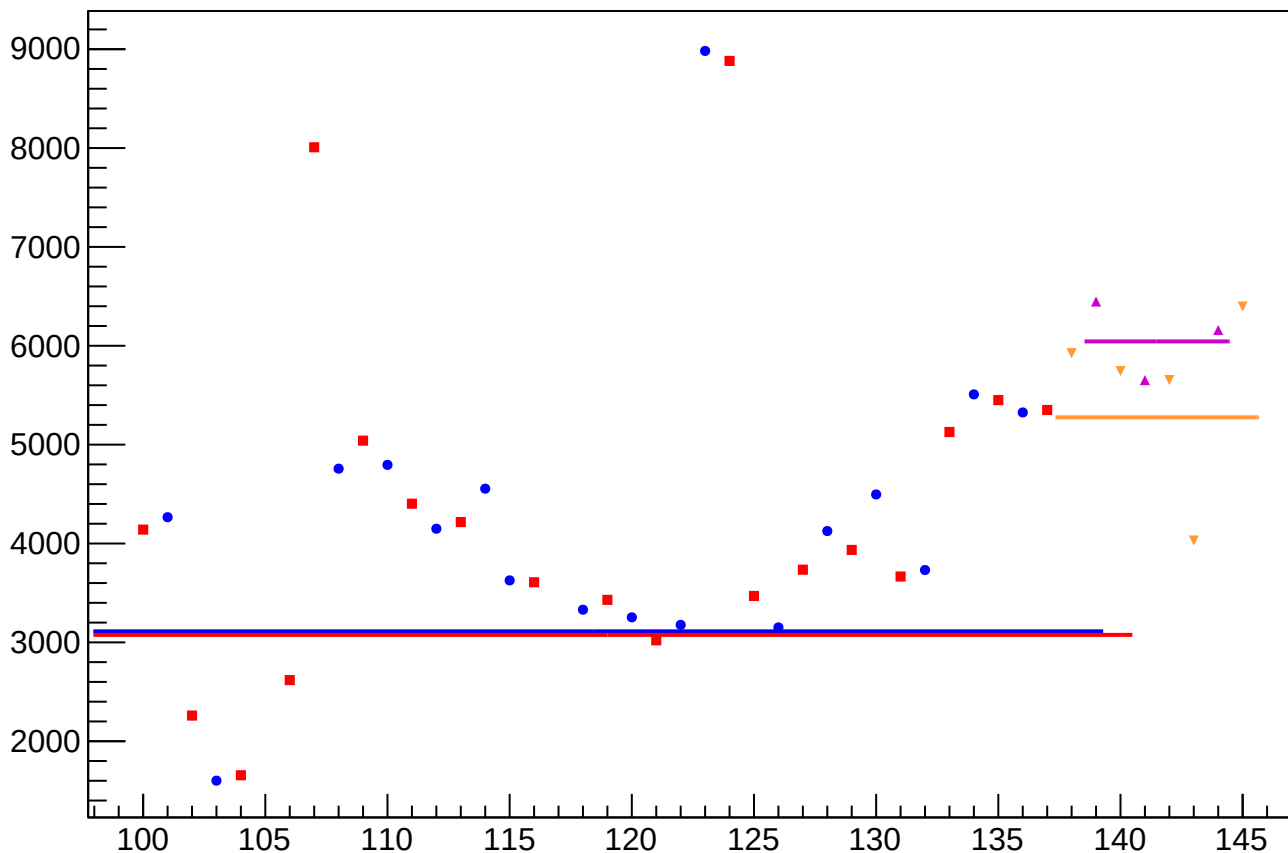
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

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

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

All: 1069.957+/-851.200 χ^2/NDF : 48.3/43

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

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

Left: 5557.053+/-1.644 χ^2/NDF : 270365.2/7

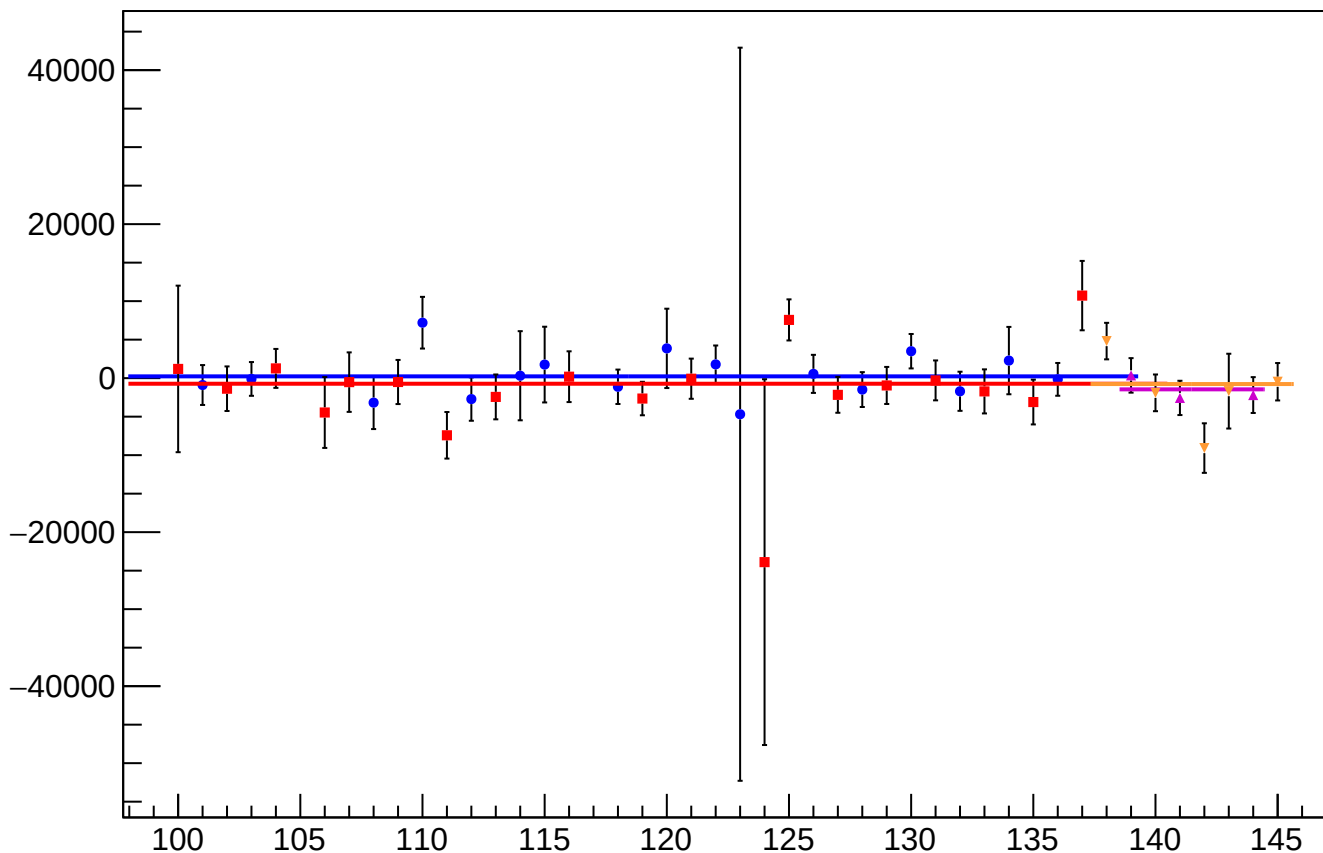
Right: 3093.209+/-0.642 χ^2/NDF : 3889323.9/35

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

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

All: 3419.340+/-0.598 χ^2/NDF : 6109096.7/43

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -765.960+/-1228.804 χ^2/NDF :12.5/4

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

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

Left: -1089.505+/-895.191 χ^2/NDF : 13.6/7

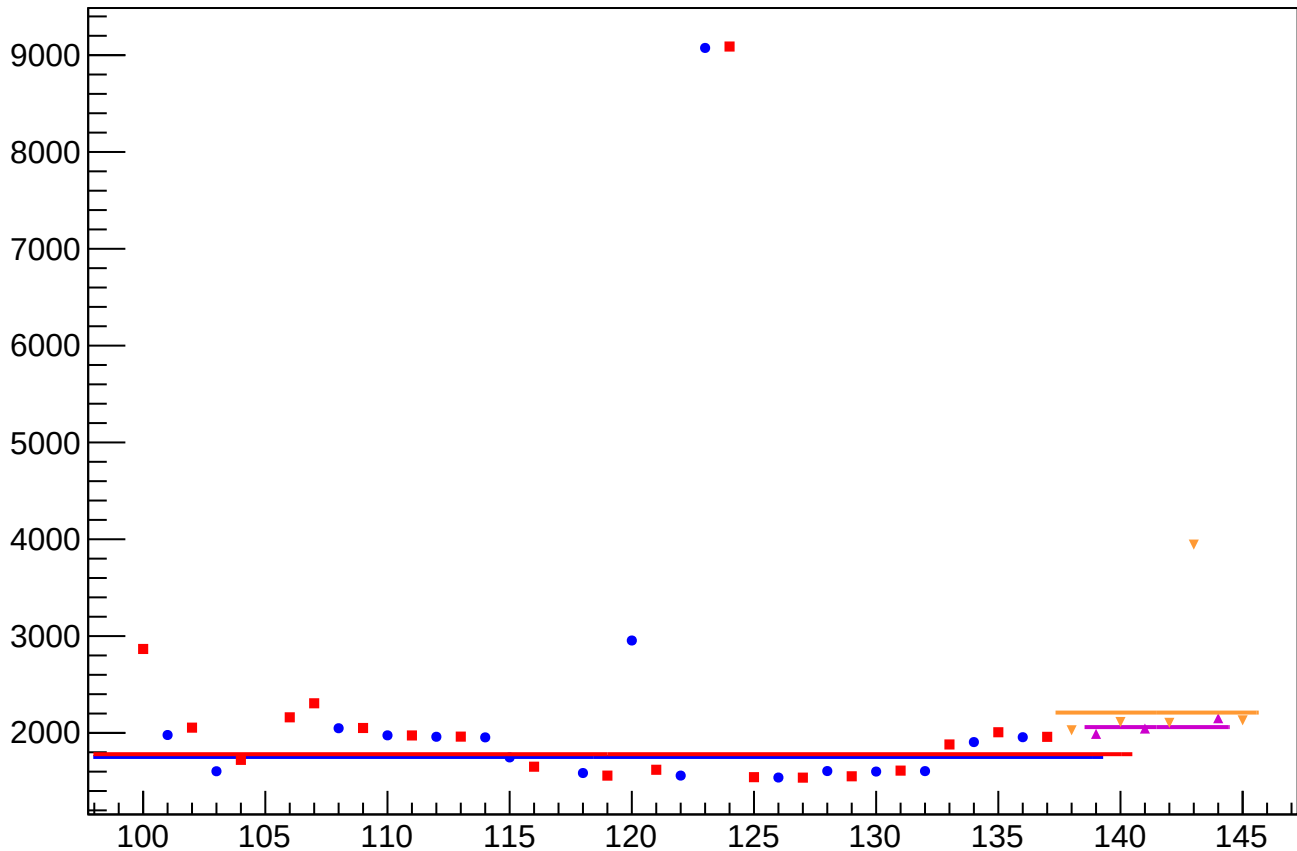
Right: -248.748+/-484.705 χ^2/NDF : 38.3/35

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

Out: -735.585+/-597.765 χ^2/NDF :38.3/23

All: -439.355+/-426.235 χ^2/NDF : 52.7/43

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1751.850 ± 0.486 $\chi^2/\text{NDF}: 300898.3/16$

Left Out: 2210.073 ± 0.869 $\chi^2/\text{NDF}: 274796.2/4$

Right Out: 1780.209 ± 0.483 $\chi^2/\text{NDF}: 428327.5/18$

Left In: 2060.052 ± 0.924 $\chi^2/\text{NDF}: 5131.1/2$

Left: 2139.672 ± 0.633 $\chi^2/\text{NDF}: 293916.8/7$

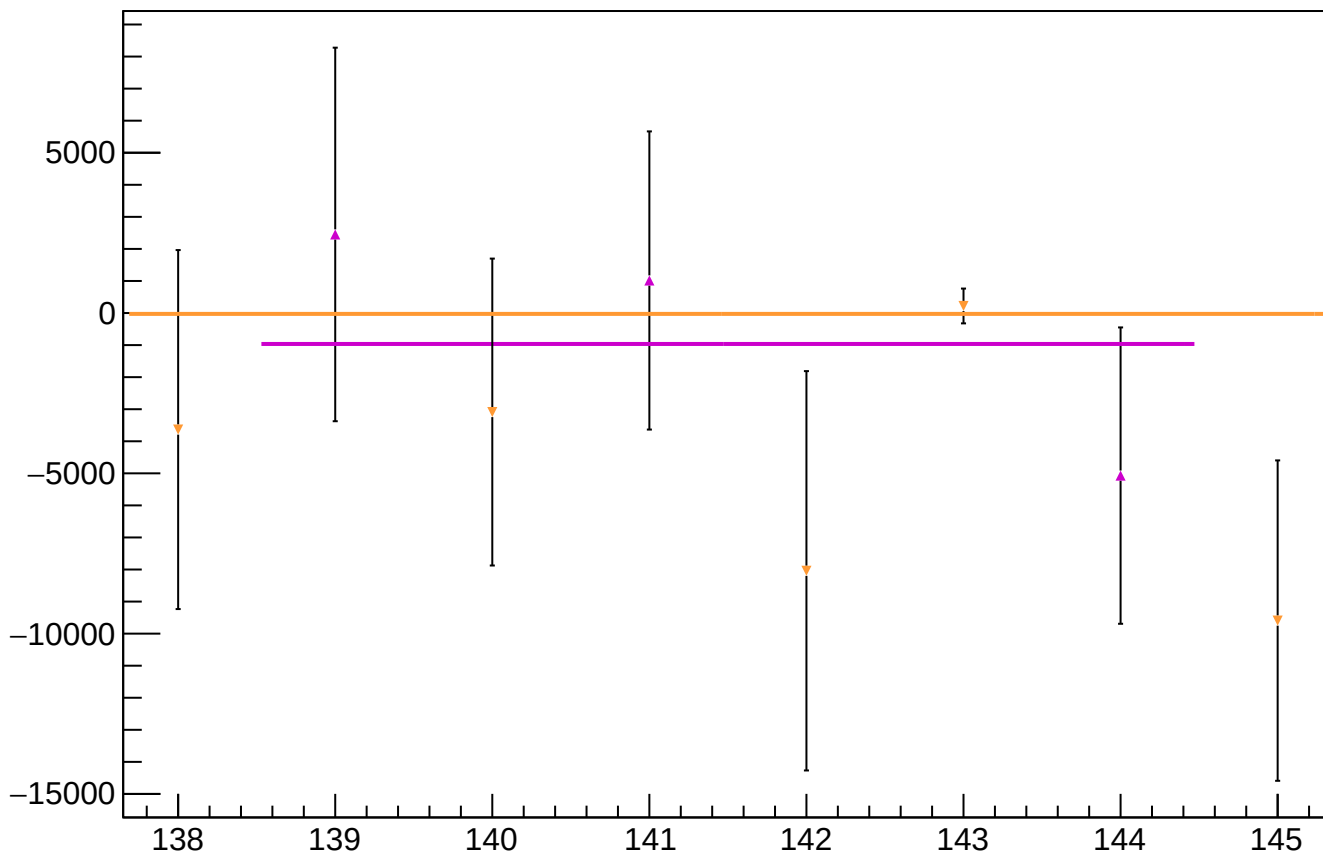
Right: 1766.106 ± 0.342 $\chi^2/\text{NDF}: 730940.0/35$

In: 1818.555 ± 0.430 $\chi^2/\text{NDF}: 393201.4/19$

Out: 1881.687 ± 0.422 $\chi^2/\text{NDF}: 890097.4/23$

All: 1850.692 ± 0.301 $\chi^2/\text{NDF}: 1294278.2/43$

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -26.808+/-531.953 χ^2/NDF :6.4/4

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

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

Left: -58.232+/-522.965 χ^2/NDF : 7.8/7

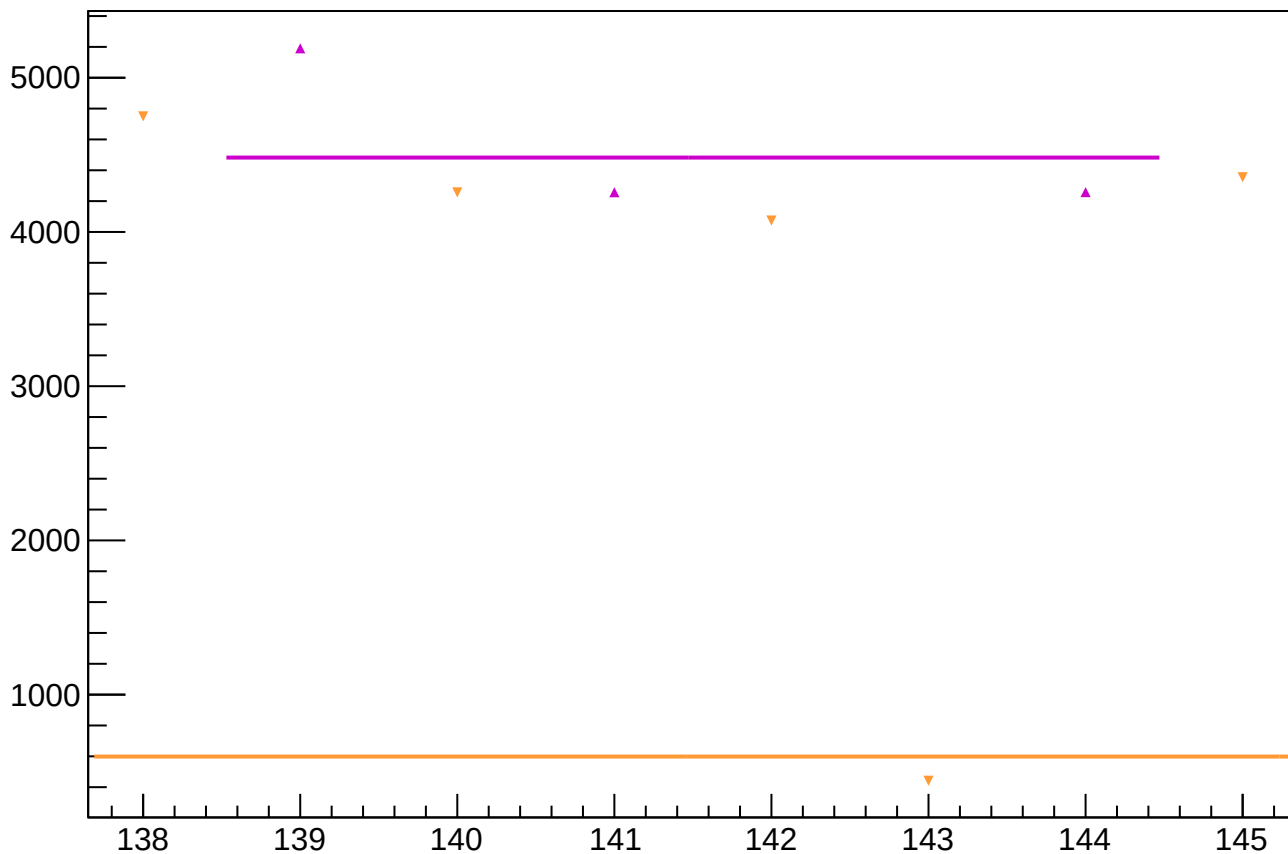
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: -26.808+/-531.953 χ^2/NDF :6.4/4

All: -58.232+/-522.965 χ^2/NDF : 7.8/7

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 598.556+/-0.376 χ^2/NDF :4187547.7/4

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

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

Left: 728.696+/-0.370 χ^2/NDF : 7798829.0/7

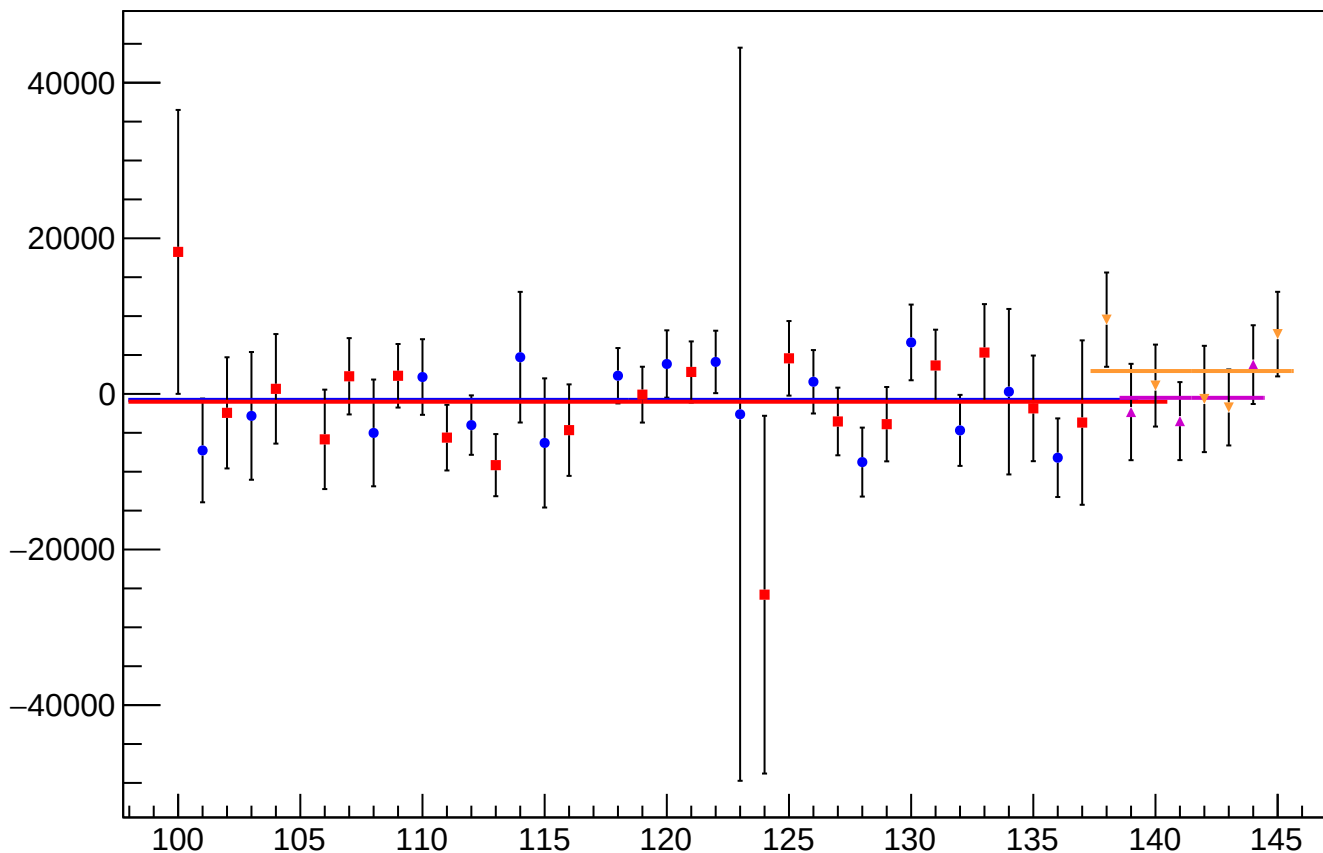
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 598.556+/-0.376 χ^2/NDF :4187547.7/4

All: 728.696+/-0.370 χ^2/NDF : 7798829.0/7

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 1578.687+/-1941.311 χ^2/NDF : 5.2/7

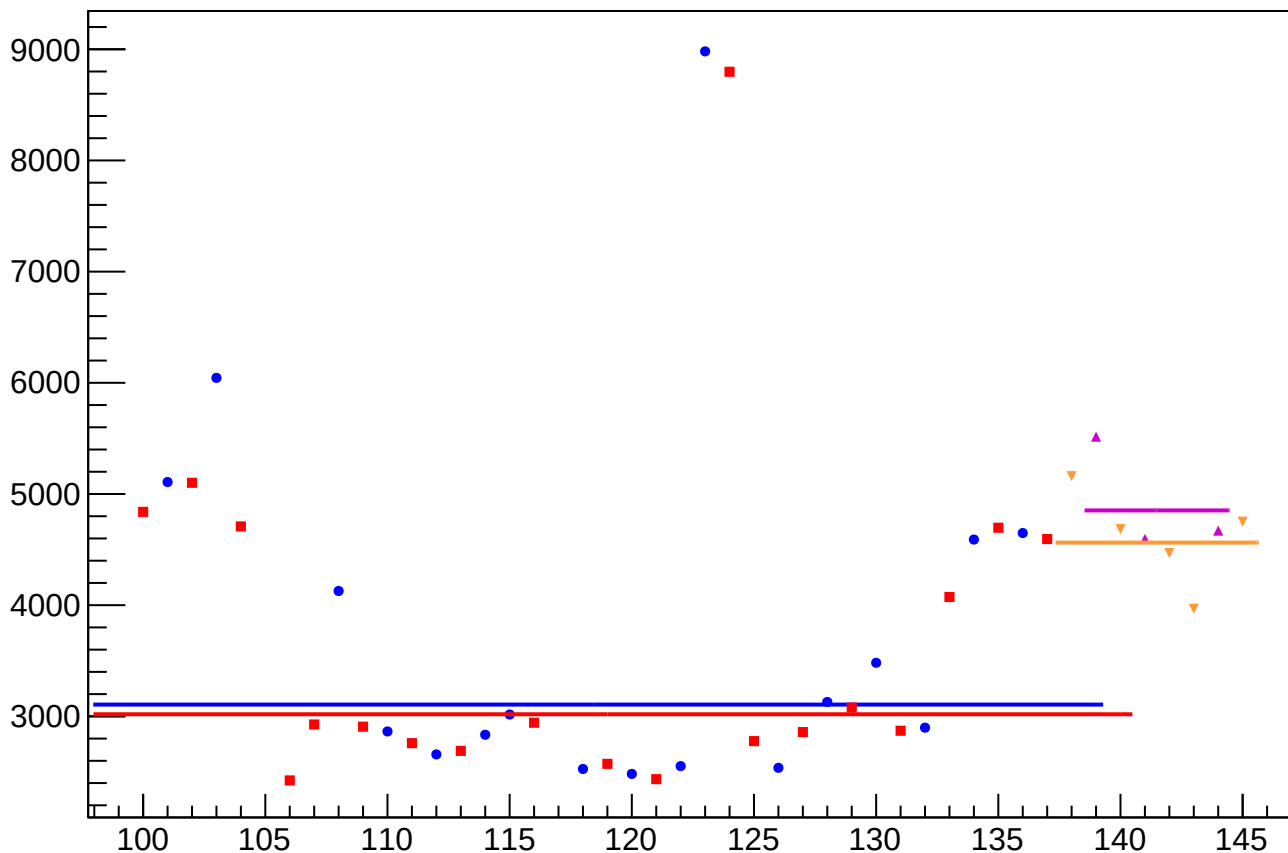
Right: -890.508+/-861.557 χ^2/NDF : 30.6/35

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

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

All: -484.201+/-787.488 χ^2/NDF : 37.1/43

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 4677.378+/-1.373 χ^2/NDF : 94280.7/7

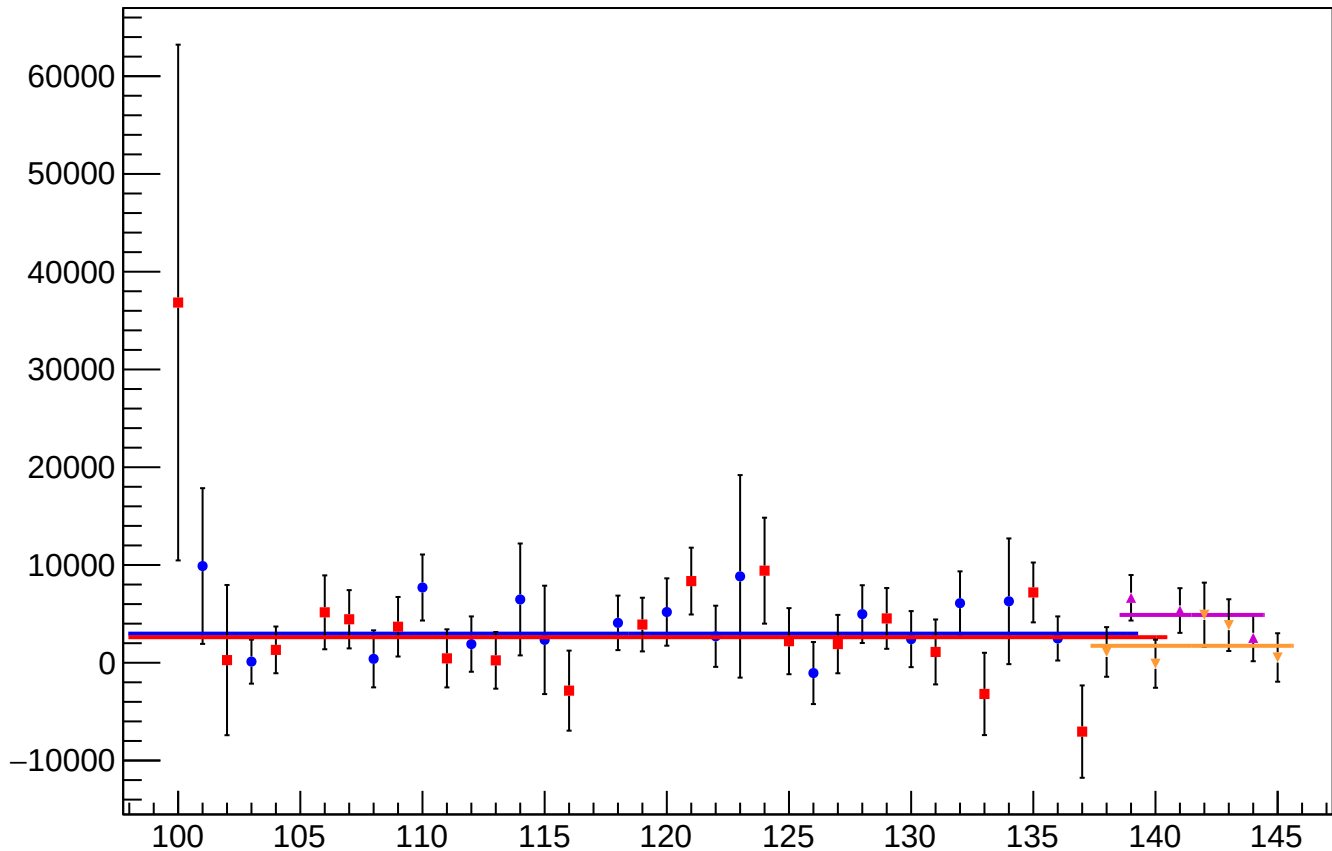
Right: 3059.752+/-0.605 χ^2/NDF : 1759257.8/35

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

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

All: 3323.011+/-0.554 χ^2/NDF : 3016203.4/43

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2978.445 $\pm$ 795.398 χ^2 /NDF: 9.9/16

Left Out: 1734.279 $\pm$ 1179.735 χ^2 /NDF:2.4/4

Right Out: 2613.881 $\pm$ 783.228 χ^2 /NDF: 19.6/18

Left In: 4891.220 $\pm$ 1347.114 χ^2 /NDF:1.6/2

Left: 3104.547 $\pm$ 887.511 χ^2 /NDF: 7.1/7

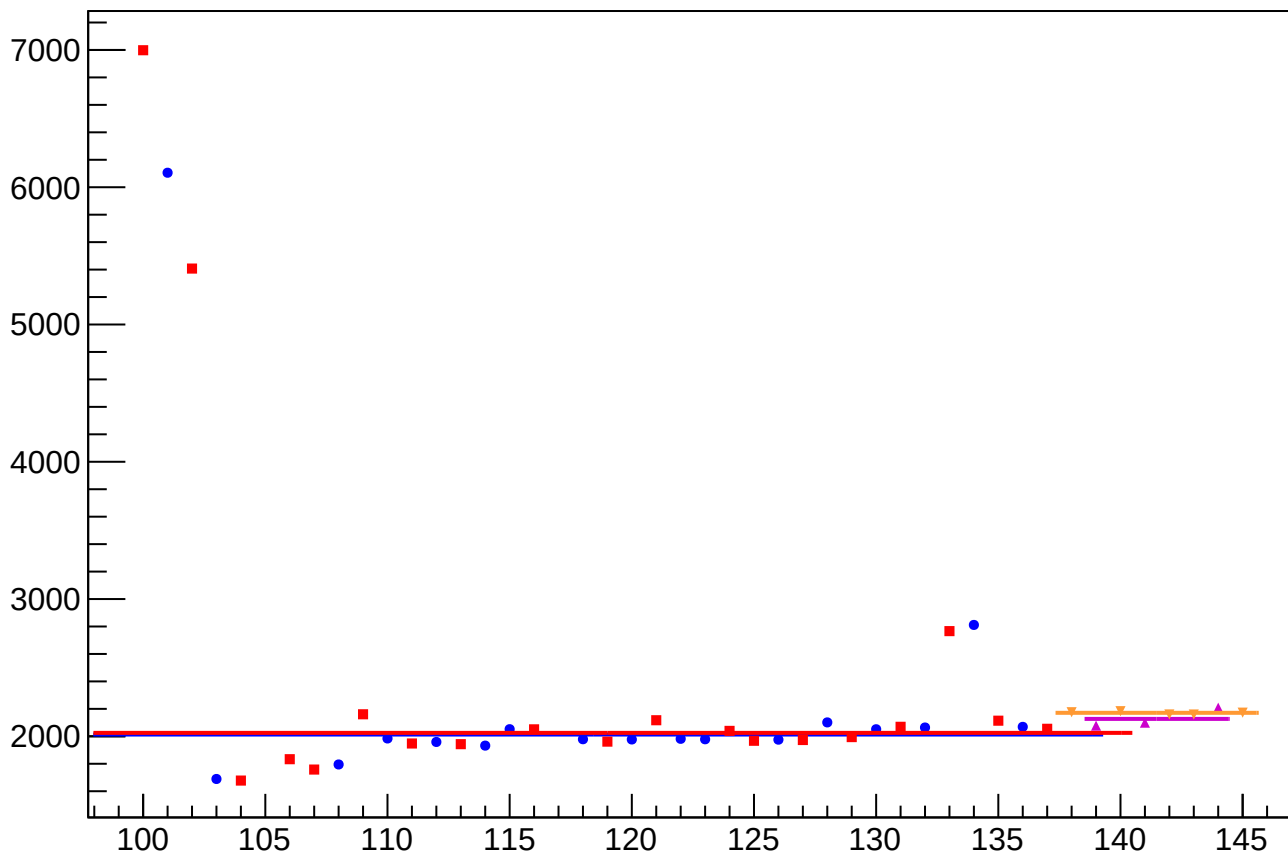
Right: 2793.353 $\pm$ 558.079 χ^2 /NDF: 29.6/35

In: 3472.906 $\pm$ 684.918 χ^2 /NDF:12.9/19

Out: 2344.790 $\pm$ 652.516 χ^2 /NDF:22.4/23

All: 2881.534 $\pm$ 472.438 χ^2 /NDF: 36.8/43

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2012.945 ± 0.562 $\chi^2/\text{NDF}: 617707.4/16$

Left Out: 2171.168 ± 0.834 $\chi^2/\text{NDF}: 121.9/4$

Right Out: 2025.070 ± 0.554 $\chi^2/\text{NDF}: 597422.5/18$

Left In: 2126.820 ± 0.953 $\chi^2/\text{NDF}: 3512.9/2$

Left: 2151.919 ± 0.628 $\chi^2/\text{NDF}: 4861.6/7$

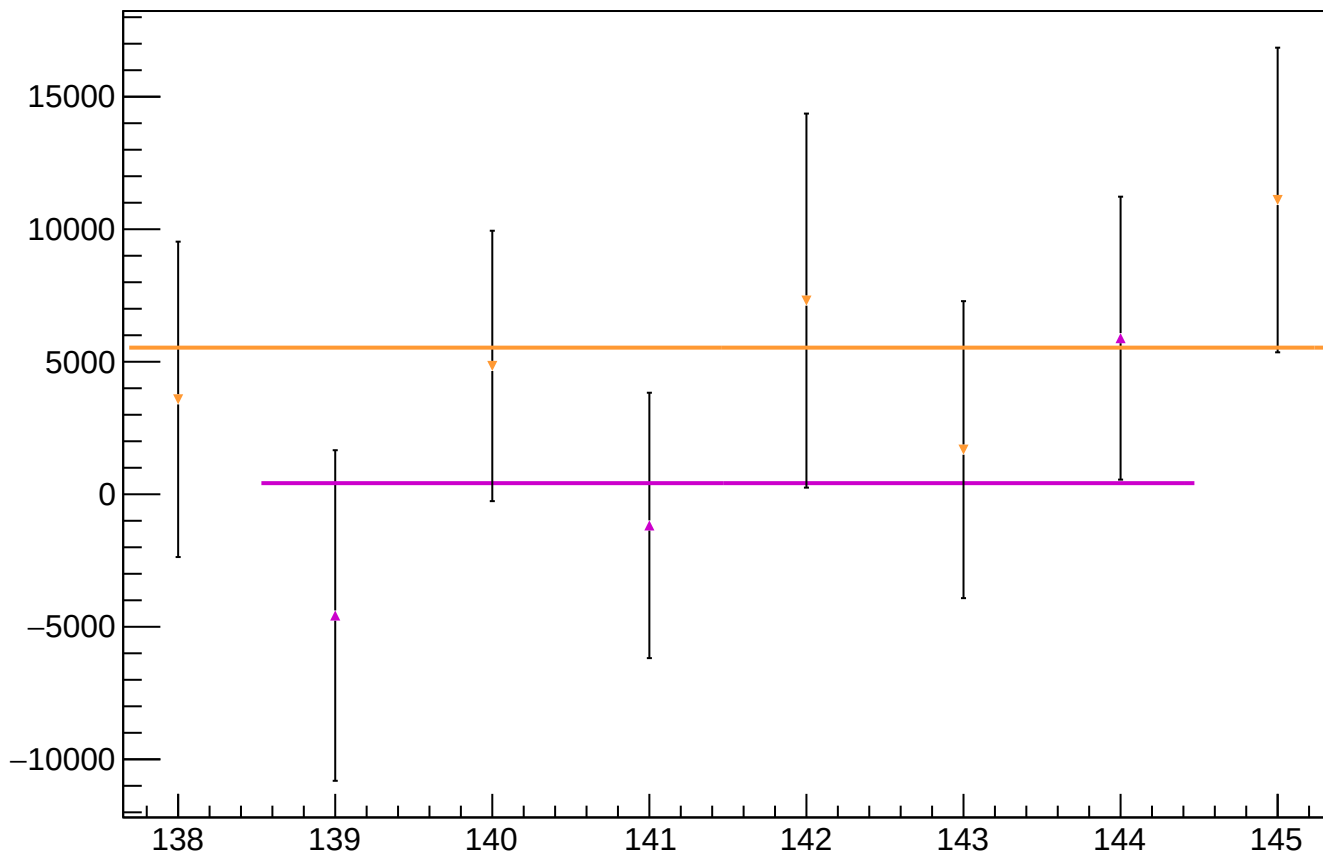
Right: 2019.103 ± 0.395 $\chi^2/\text{NDF}: 1215366.0/35$

In: 2042.382 ± 0.484 $\chi^2/\text{NDF}: 631817.5/19$

Out: 2069.744 ± 0.461 $\chi^2/\text{NDF}: 618837.7/23$

All: 2056.729 ± 0.334 $\chi^2/\text{NDF}: 1252328.8/43$

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 5532.659+/-2591.622 χ^2/NDF :1.6/4

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

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

Left: 3469.671+/-2001.632 χ^2/NDF : 5.0/7

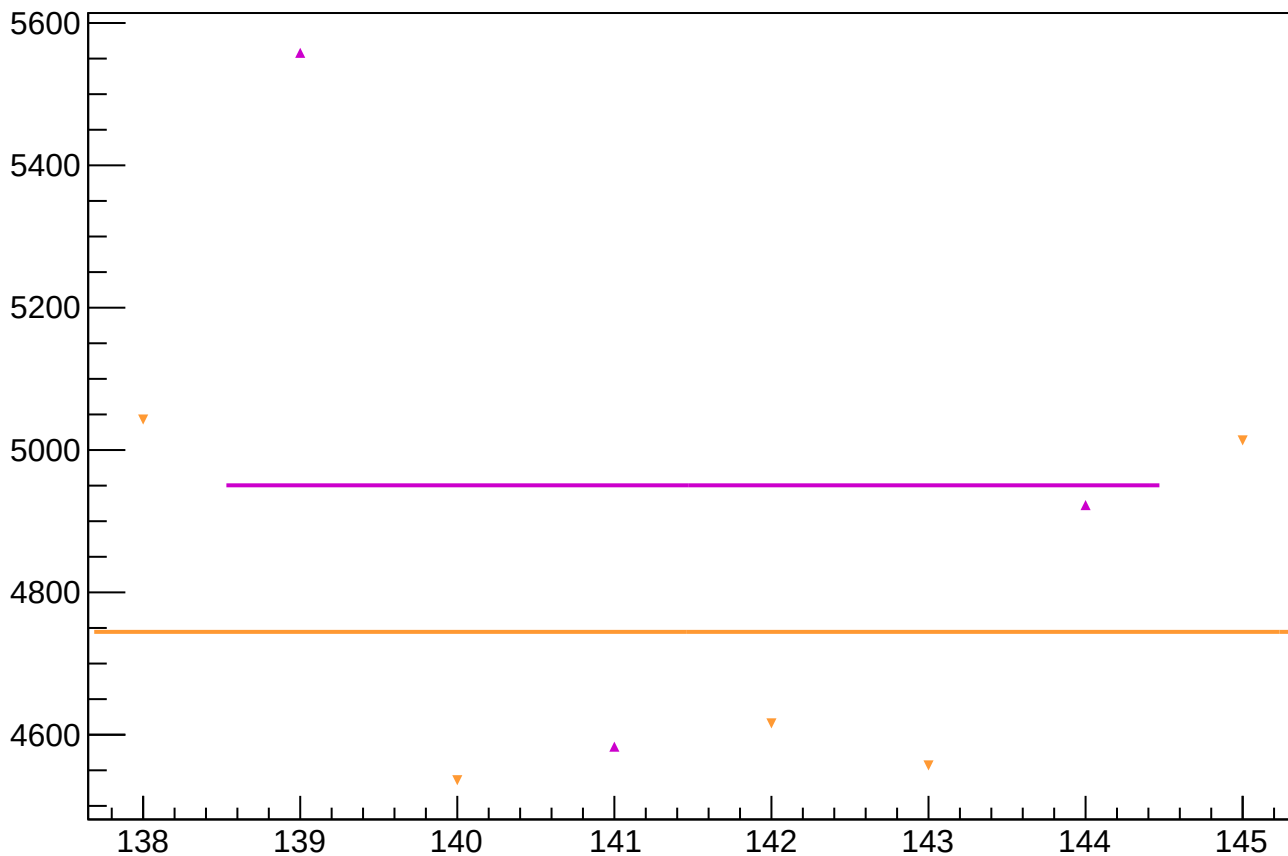
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 419.668+/-3151.181 χ^2/NDF :1.8/2

Out: 5532.659+/-2591.622 χ^2/NDF :1.6/4

All: 3469.671+/-2001.632 χ^2/NDF : 5.0/7

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4744.524+/-1.833 χ^2/NDF :15656.9/4

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

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

Left: 4827.600+/-1.415 χ^2/NDF : 50551.4/7

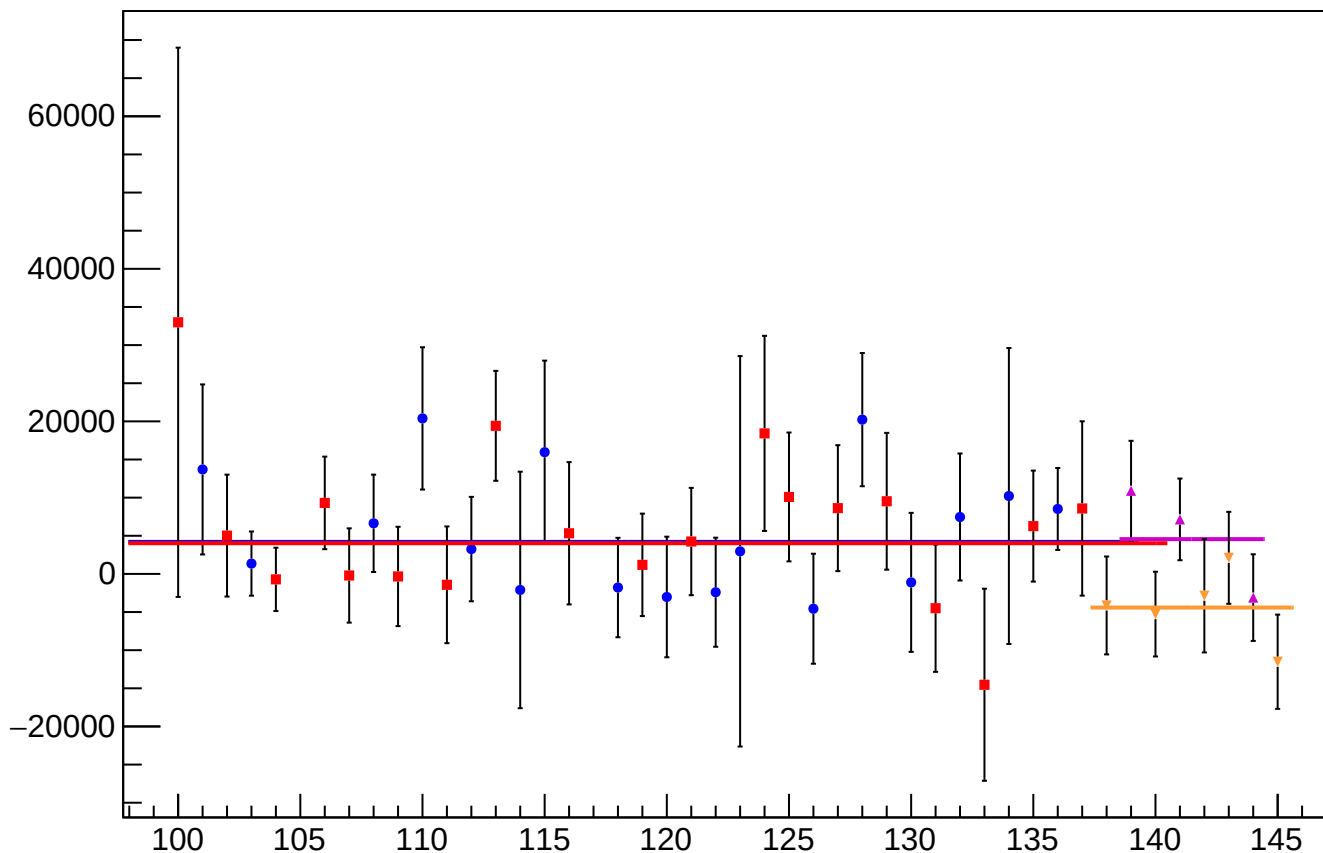
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 4744.524+/-1.833 χ^2/NDF :15656.9/4

All: 4827.600+/-1.415 χ^2/NDF : 50551.4/7

asym_atr_avg_mean vs Slug, Sign Corrected



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

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

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

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

Left: -734.264+/-2143.813 χ^2/NDF : 9.8/7

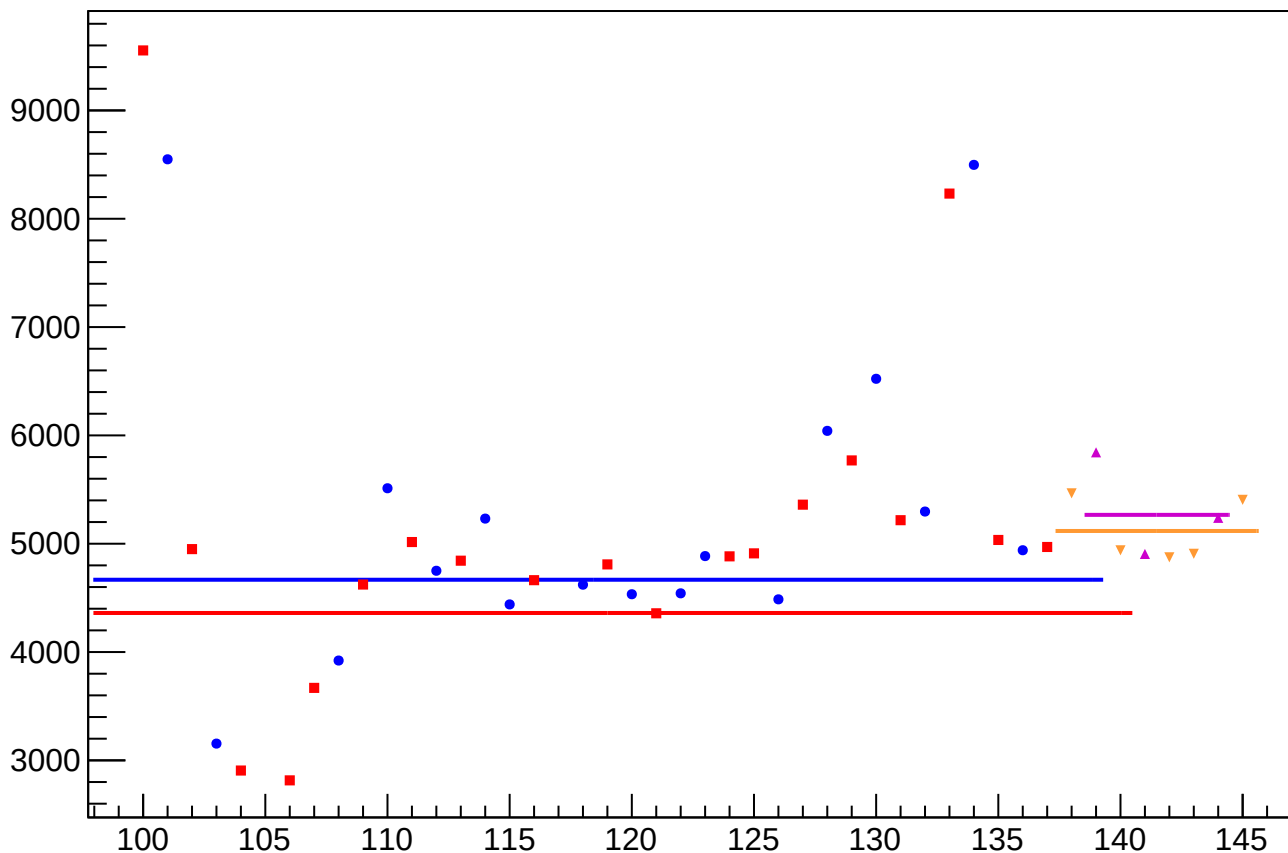
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

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

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

All: 2856.231+/-1088.946 χ^2/NDF : 42.5/43

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5266.402 ± 2.368 χ^2/NDF : 24628.8/2

Left: 5178.621 ± 1.516 χ^2/NDF : 43792.1/7

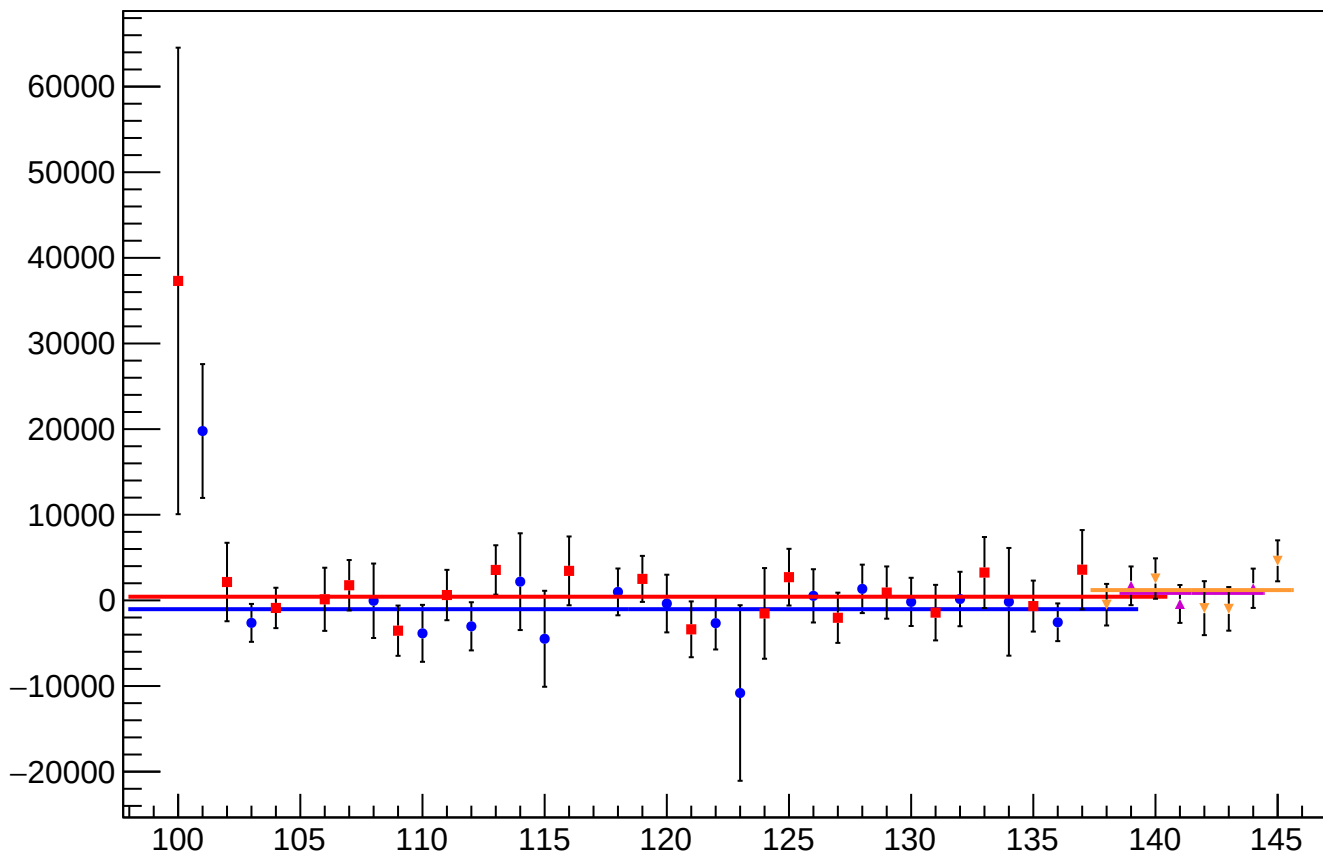
Right: 4501.800 ± 0.891 χ^2/NDF : 1640064.7/35

In: 4808.399 ± 1.149 χ^2/NDF : 851397.8/19

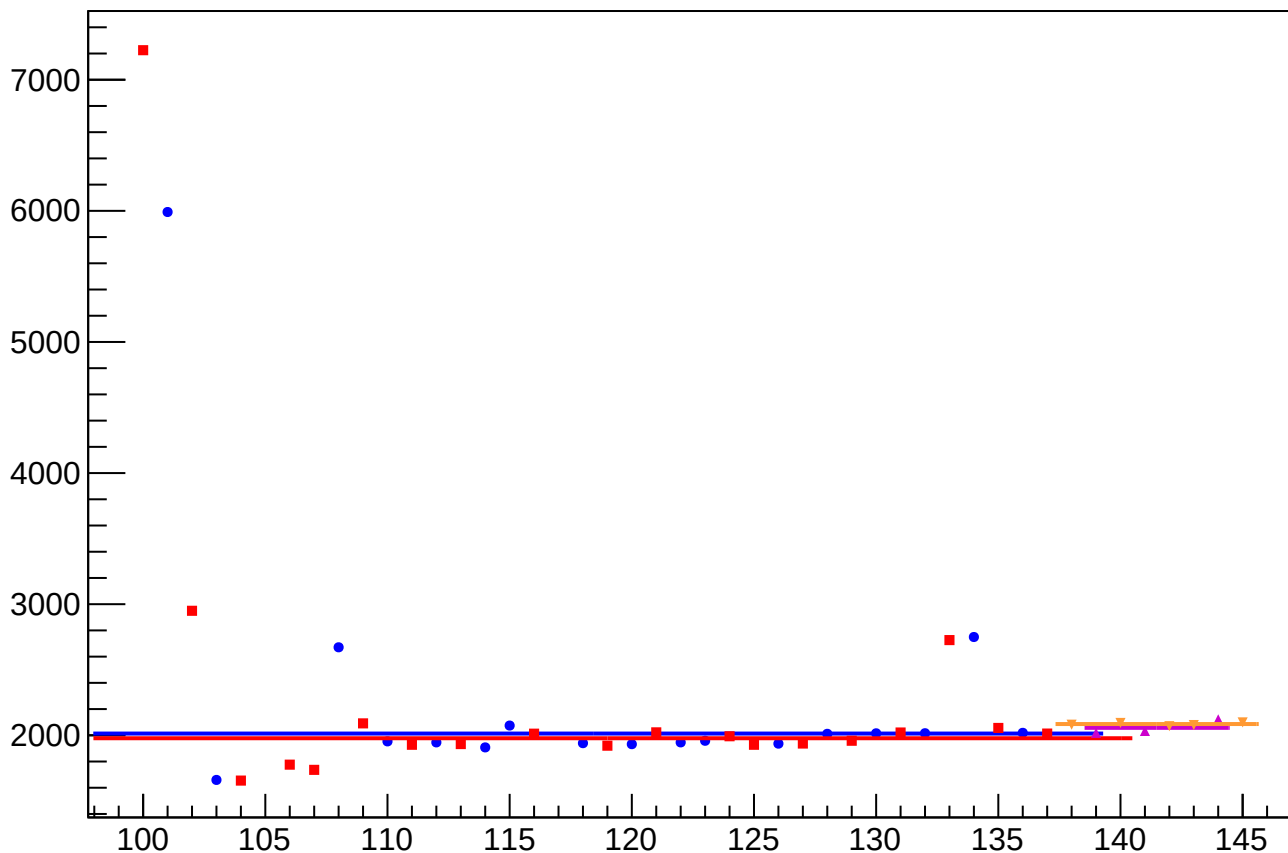
Out: 4568.203 ± 1.033 χ^2/NDF : 956440.5/23

All: 4675.621 ± 0.768 χ^2/NDF : 1832005.7/43

dit_asym_atr_dd_mean vs Slug, Sign Corrected



dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2085.878+/-0.801 χ^2/NDF :161.2/4

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

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

Left: 2073.394+/-0.604 χ^2/NDF : 3127.7/7

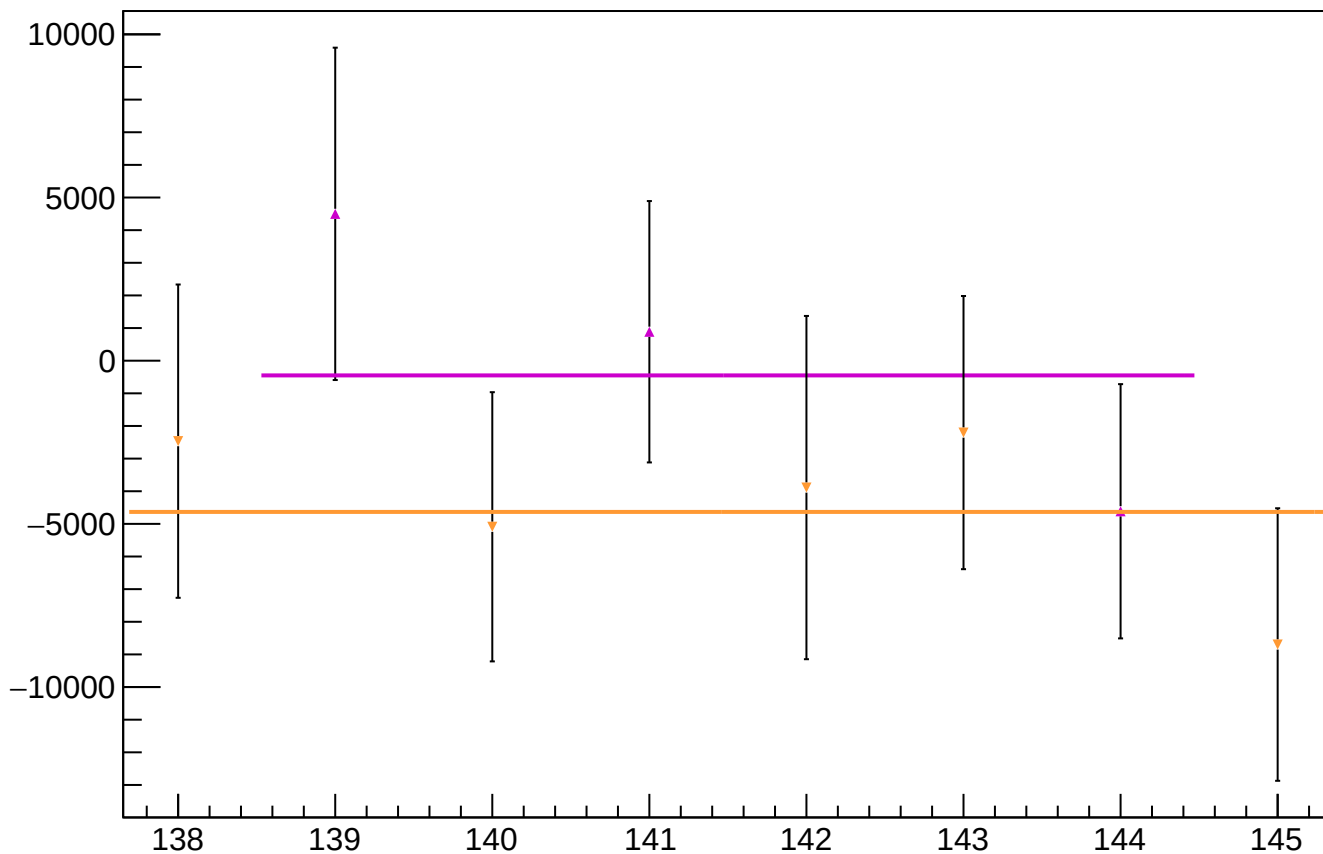
Right: 1994.568+/-0.389 χ^2/NDF : 947053.5/35

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

Out: 2011.157+/-0.446 χ^2/NDF :307668.5/23

All: 2017.637+/-0.327 χ^2/NDF : 962208.8/43

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -4633.666+/-1988.925 χ^2/NDF :1.5/4

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

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

Left: -2970.631+/-1543.730 χ^2/NDF : 5.5/7

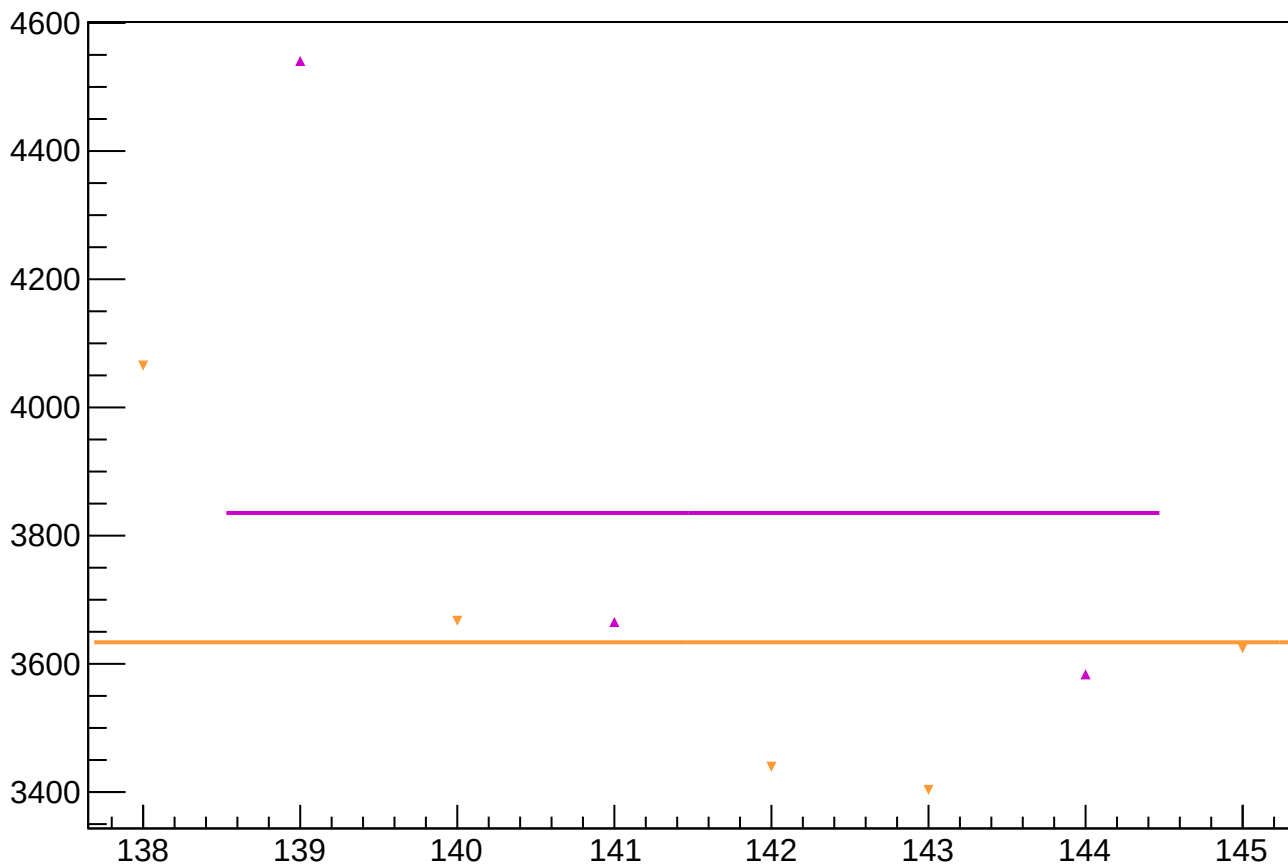
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: -4633.666+/-1988.925 χ^2/NDF :1.5/4

All: -2970.631+/-1543.730 χ^2/NDF : 5.5/7

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3633.655+/-1.406 χ^2/NDF :25097.3/4

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

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

Left: 3713.868+/-1.092 χ^2/NDF : 83590.8/7

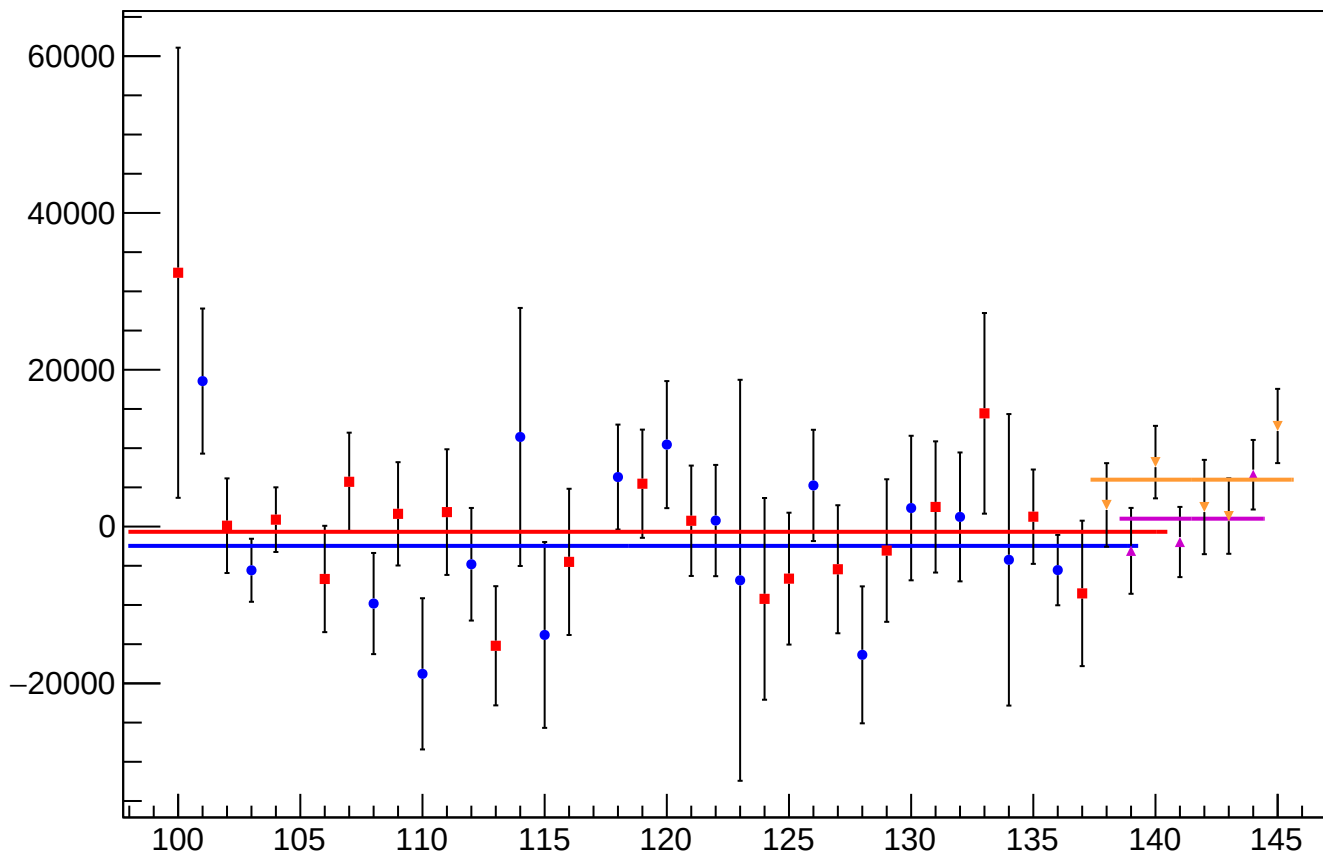
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 3633.655+/-1.406 χ^2/NDF :25097.3/4

All: 3713.868+/-1.092 χ^2/NDF : 83590.8/7

asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 3968.971+/-1736.763 χ^2/NDF : 8.5/7

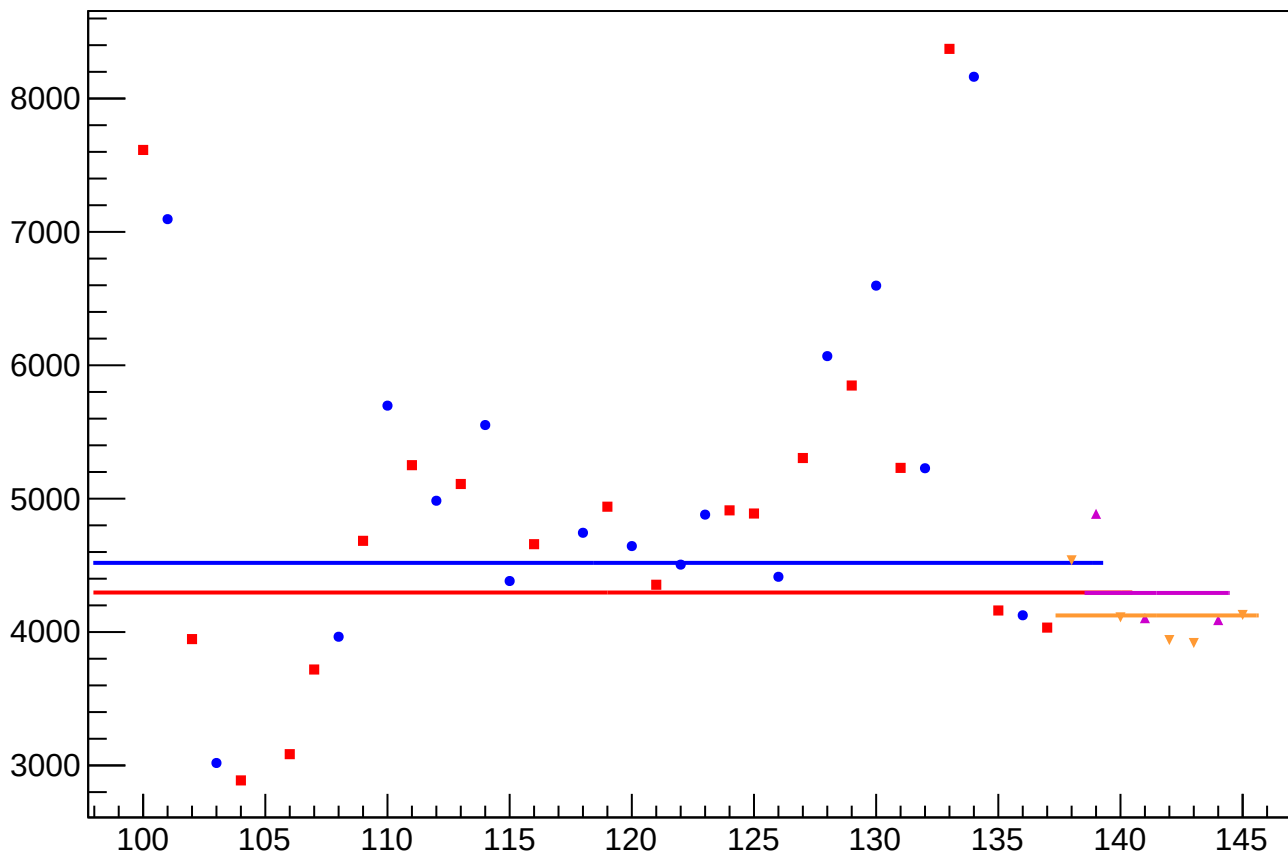
Right: -1508.905+/-1231.122 χ^2/NDF : 33.3/35

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

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

All: 323.087+/-1004.376 χ^2/NDF : 48.4/43

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 4192.741+/-1.228 χ^2/NDF : 53413.7/7

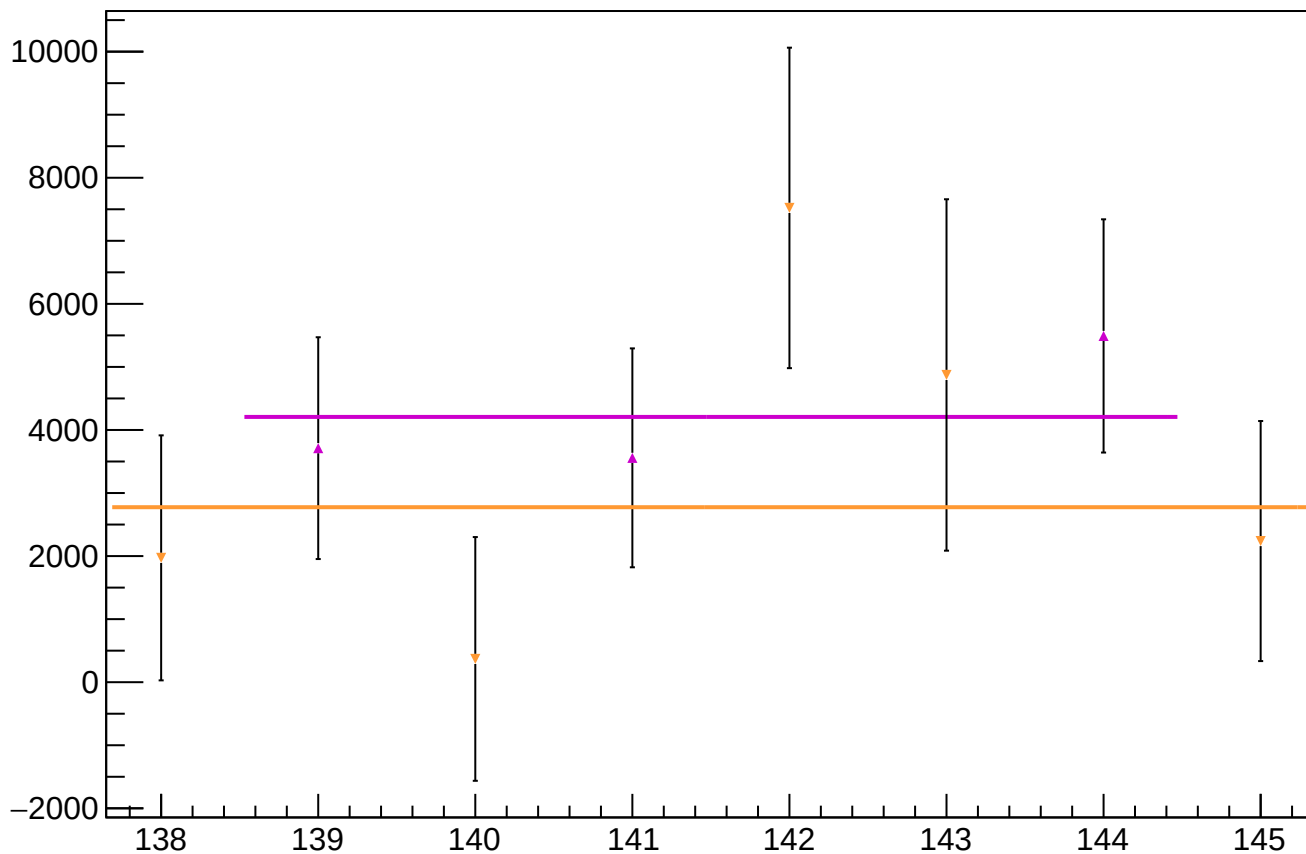
Right: 4400.071+/-0.868 χ^2/NDF : 1558255.2/35

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

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

All: 4331.005+/-0.709 χ^2/NDF : 1630676.2/43

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: 2775.091+/-956.845 χ^2/NDF : 5.9/4

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

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

Left: 3440.292+/-700.175 χ^2/NDF : 7.6/7

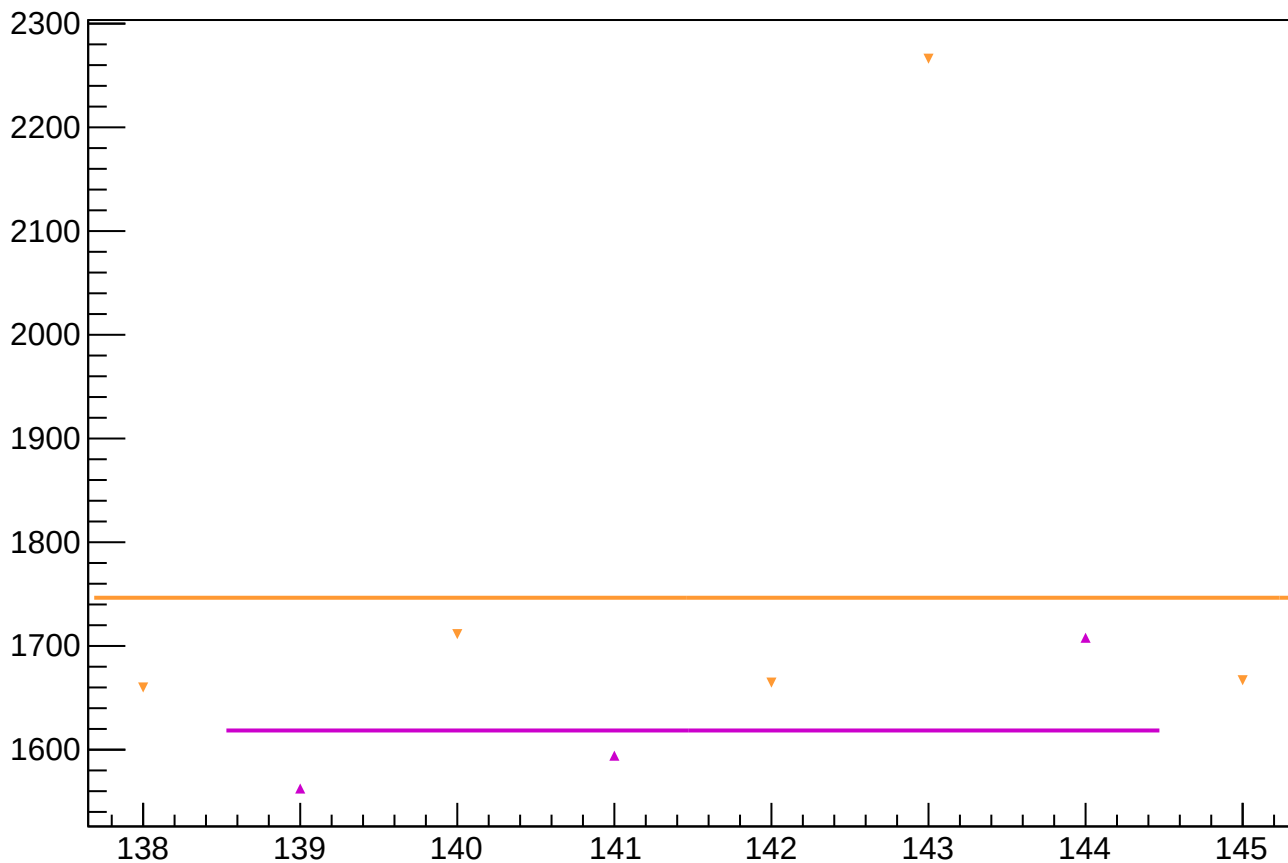
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 2775.091+/-956.845 χ^2/NDF : 5.9/4

All: 3440.292+/-700.175 χ^2/NDF : 7.6/7

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: 1746.487+/-0.677 χ^2/NDF :79752.4/4

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

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

Left: 1687.041+/-0.495 χ^2/NDF : 103460.8/7

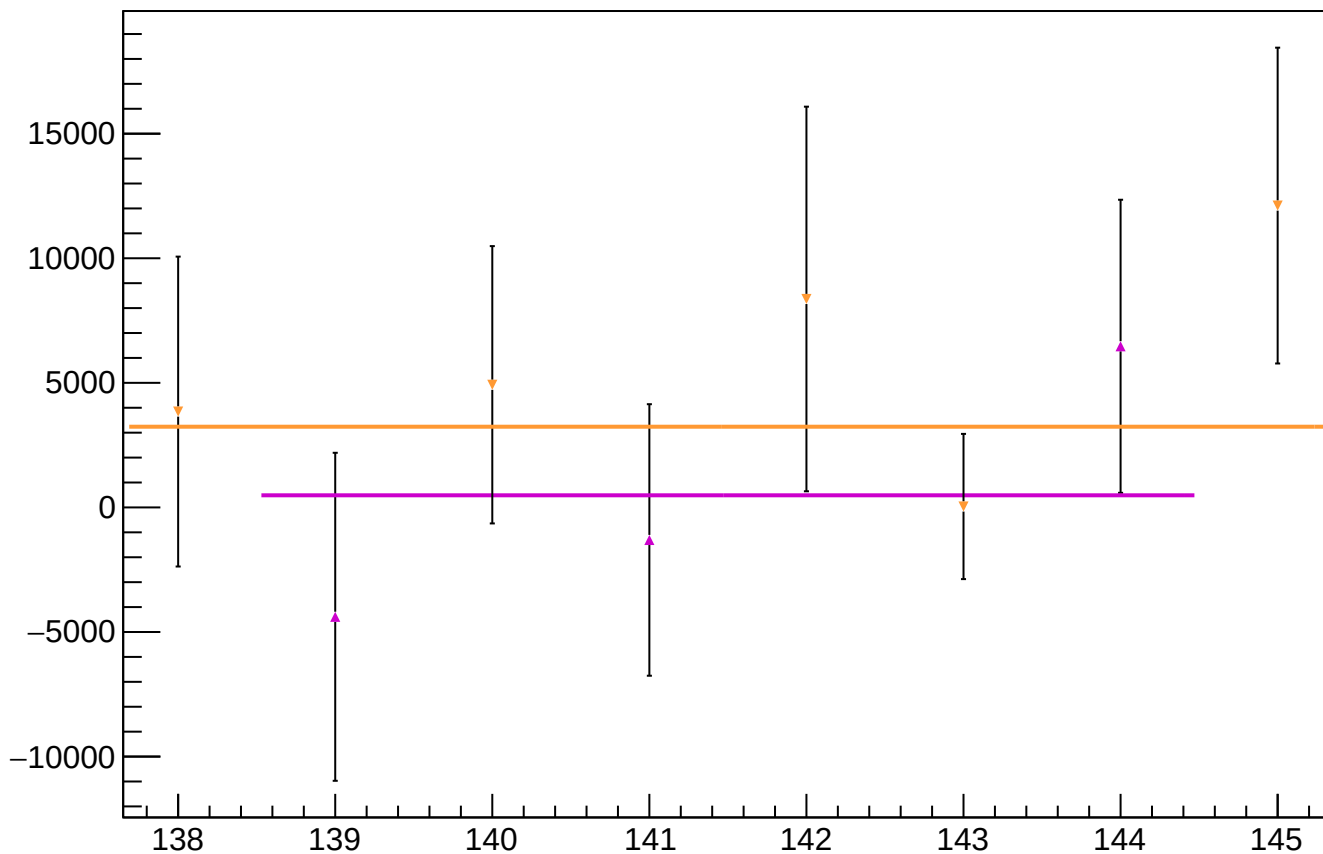
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1746.487+/-0.677 χ^2/NDF :79752.4/4

All: 1687.041+/-0.495 χ^2/NDF : 103460.8/7

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: 3239.360+/-2143.809 χ^2/NDF : 3.7/4

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

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

Left: 2461.667+/-1815.914 χ^2/NDF : 5.9/7

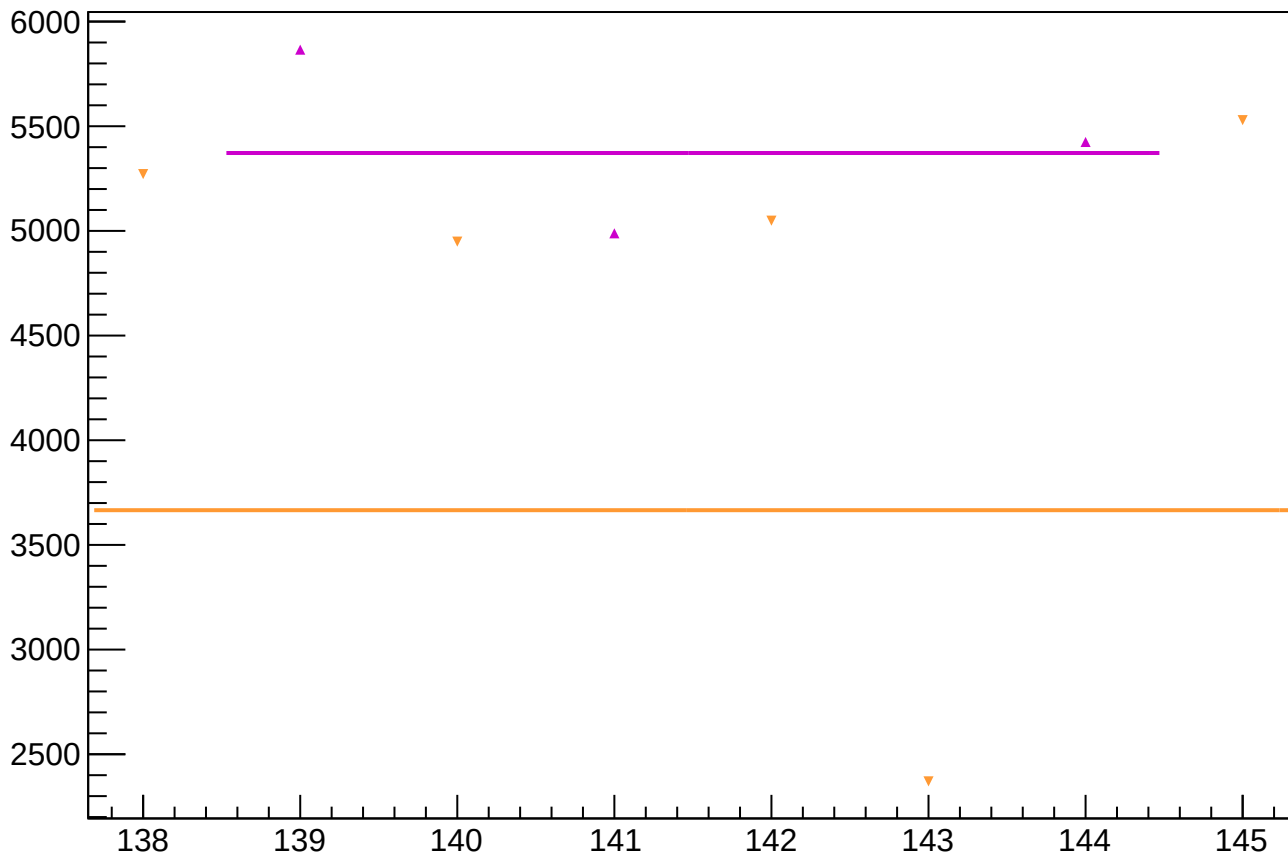
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 3239.360+/-2143.809 χ^2/NDF : 3.7/4

All: 2461.667+/-1815.914 χ^2/NDF : 5.9/7

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: 3665.858+/-1.516 χ^2/NDF :871856.9/4

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

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

Left: 4147.887+/-1.284 χ^2/NDF : 1251096.6/7

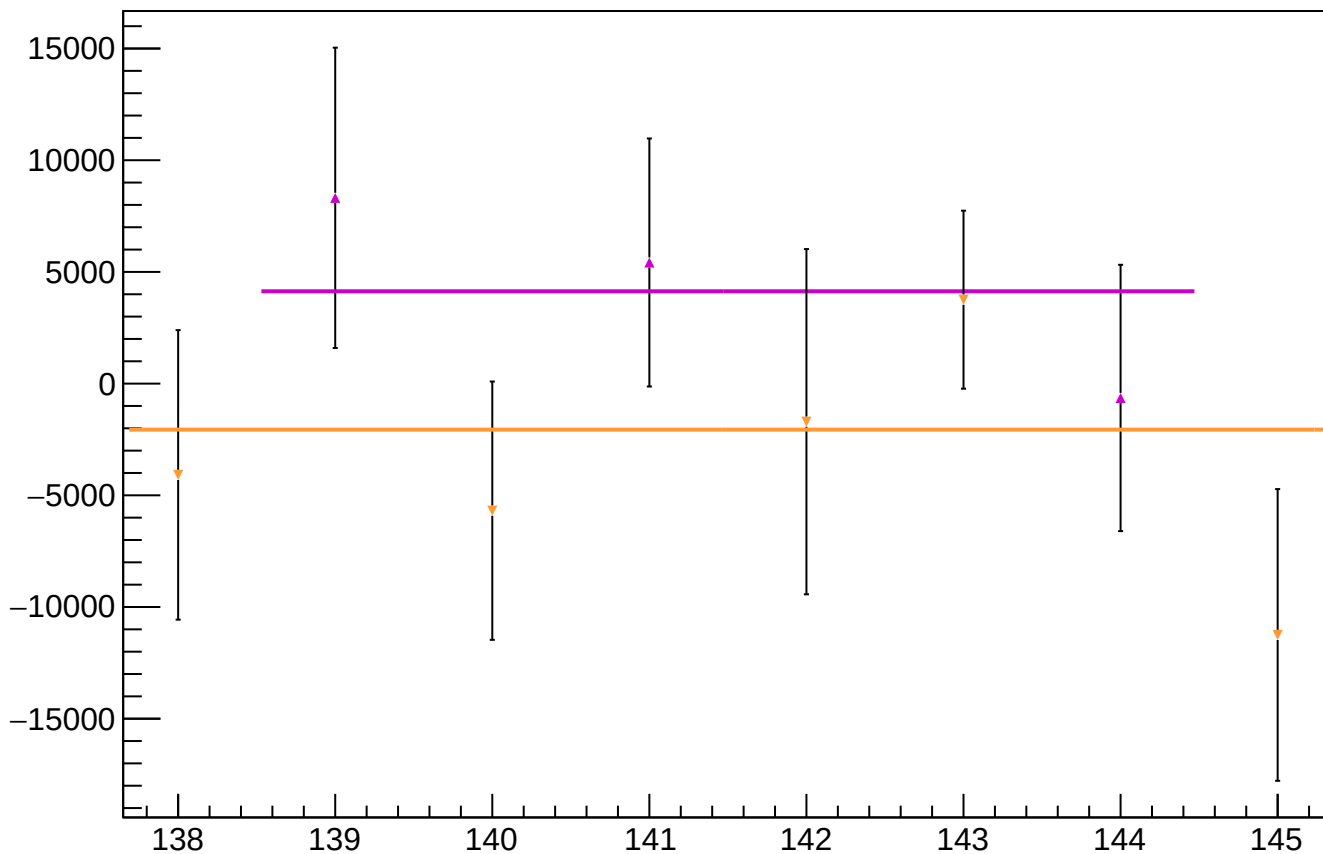
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 3665.858+/-1.516 χ^2/NDF :871856.9/4

All: 4147.887+/-1.284 χ^2/NDF : 1251096.6/7

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

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

Left: 77.571+/-2042.815 χ^2/NDF : 7.8/7

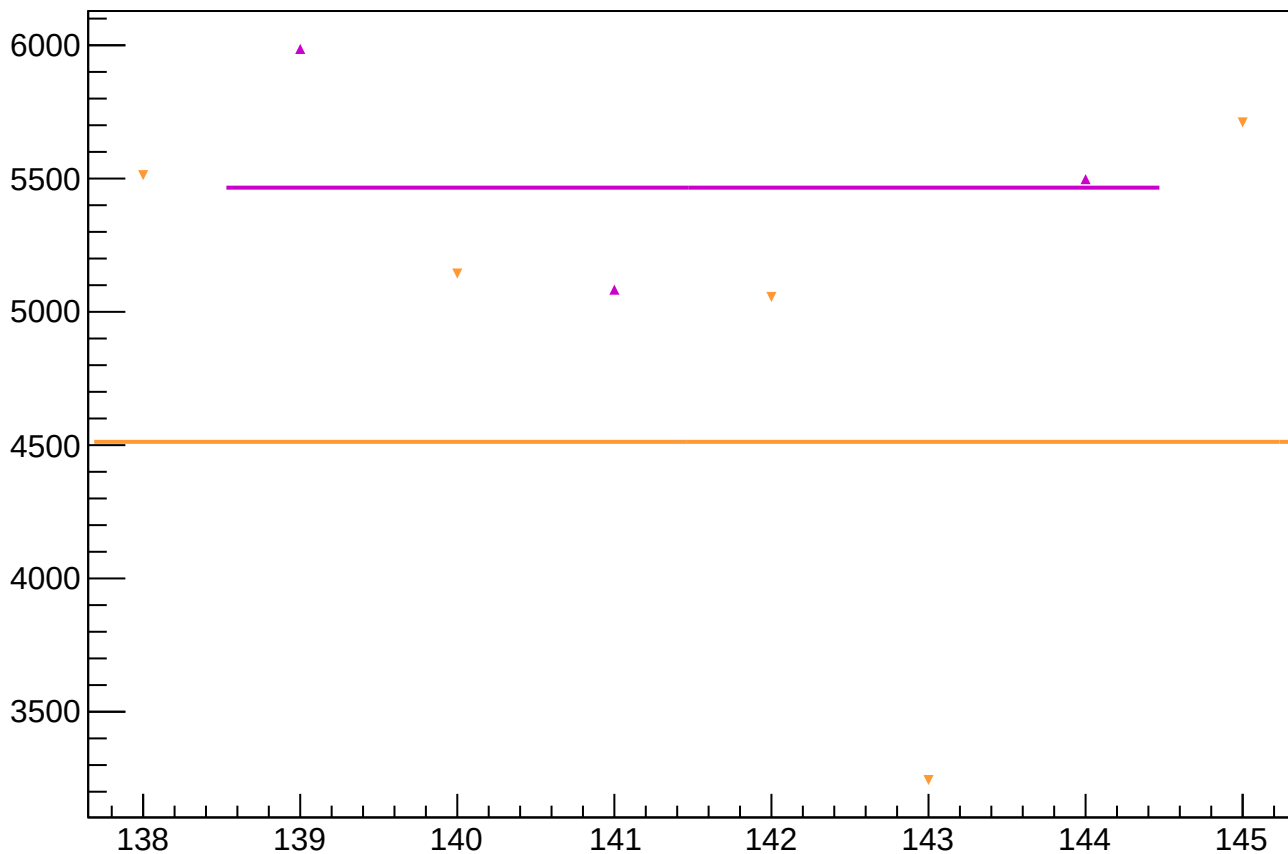
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: 77.571+/-2042.815 χ^2/NDF : 7.8/7

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

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

Left: 4841.502+/-1.444 χ^2/NDF : 471500.1/7

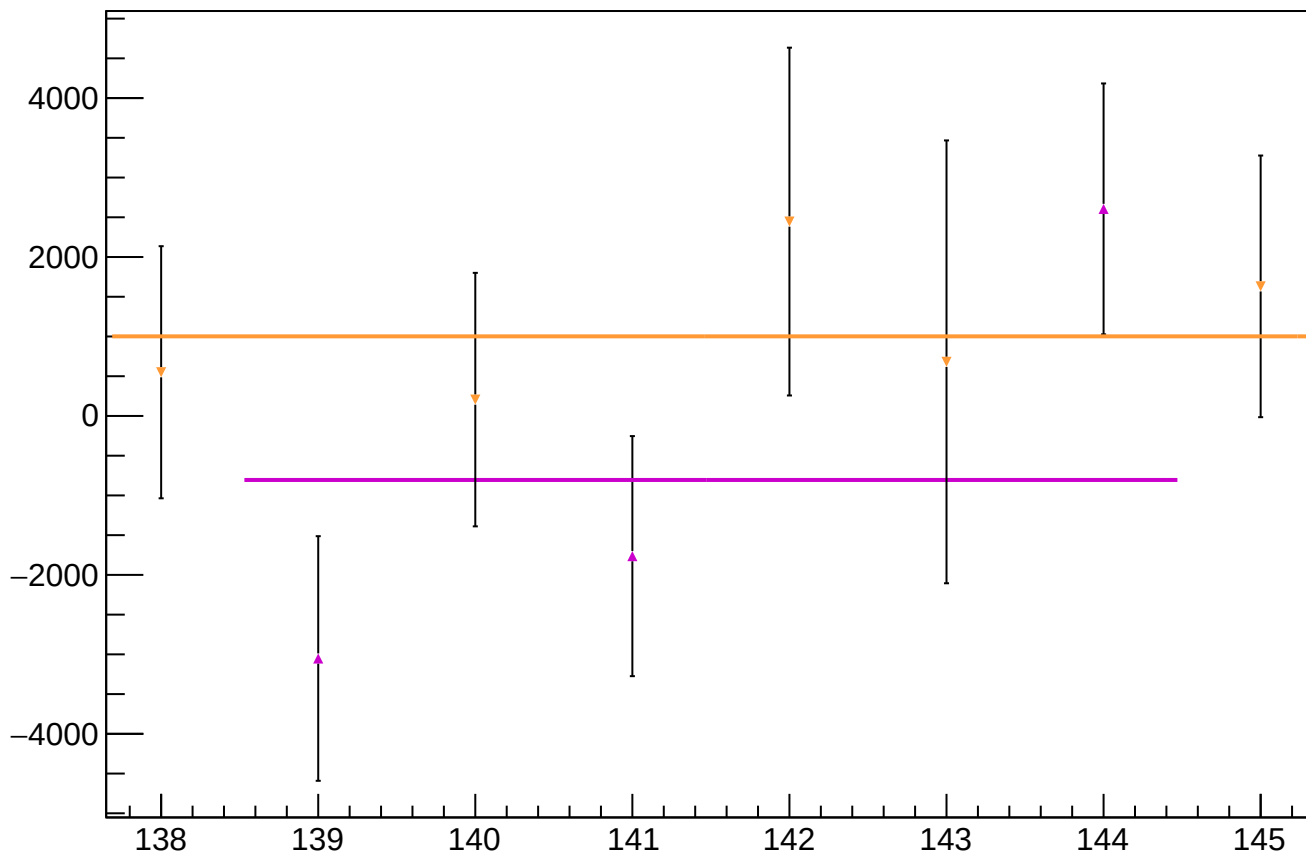
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: 4841.502+/-1.444 χ^2/NDF : 471500.1/7

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: 1001.692+/-817.276 χ^2/NDF : 0.9/4

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

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

Left: 175.245+/-602.060 χ^2/NDF : 10.4/7

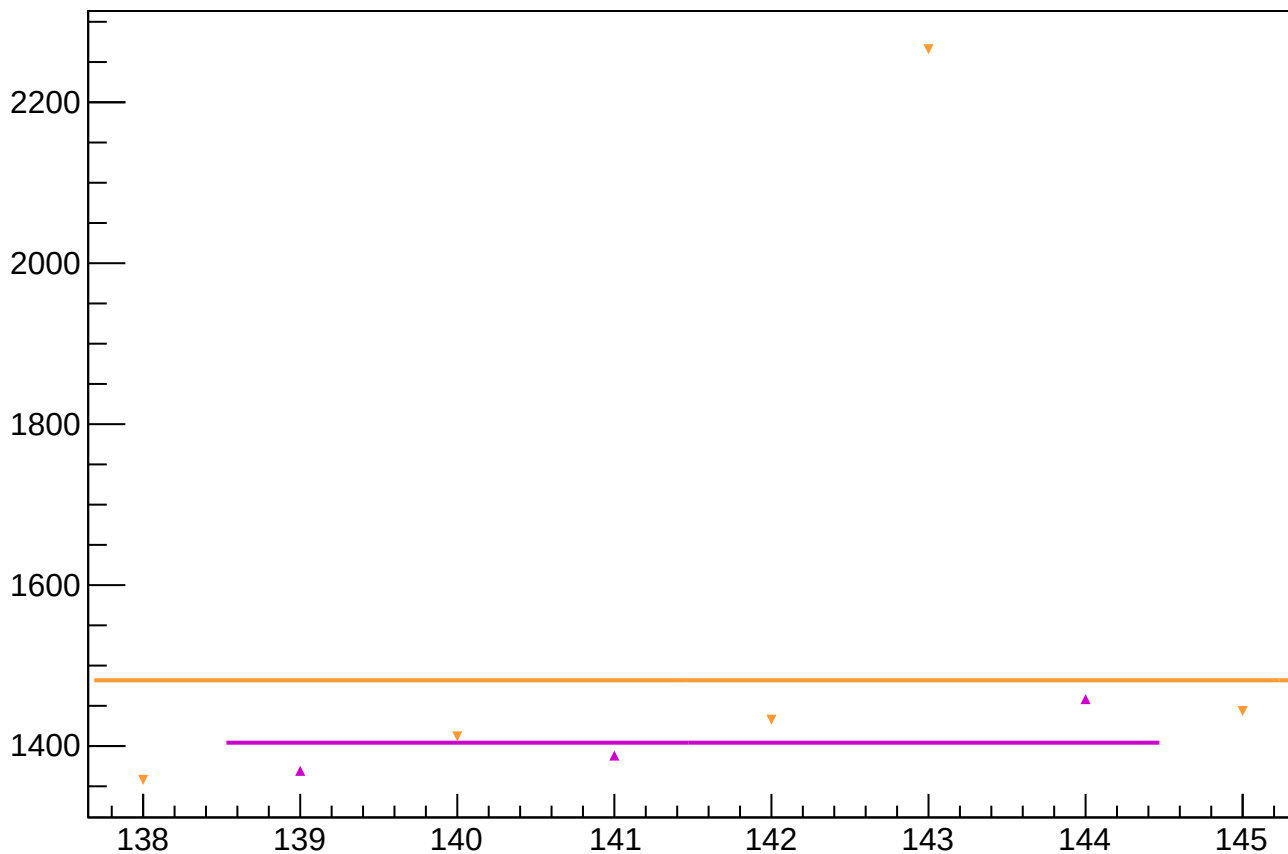
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1001.692+/-817.276 χ^2/NDF : 0.9/4

All: 175.245+/-602.060 χ^2/NDF : 10.4/7

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: 1481.737+/-0.578 χ^2/NDF :176497.5/4

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

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

Left: 1446.272+/-0.426 χ^2/NDF : 188342.0/7

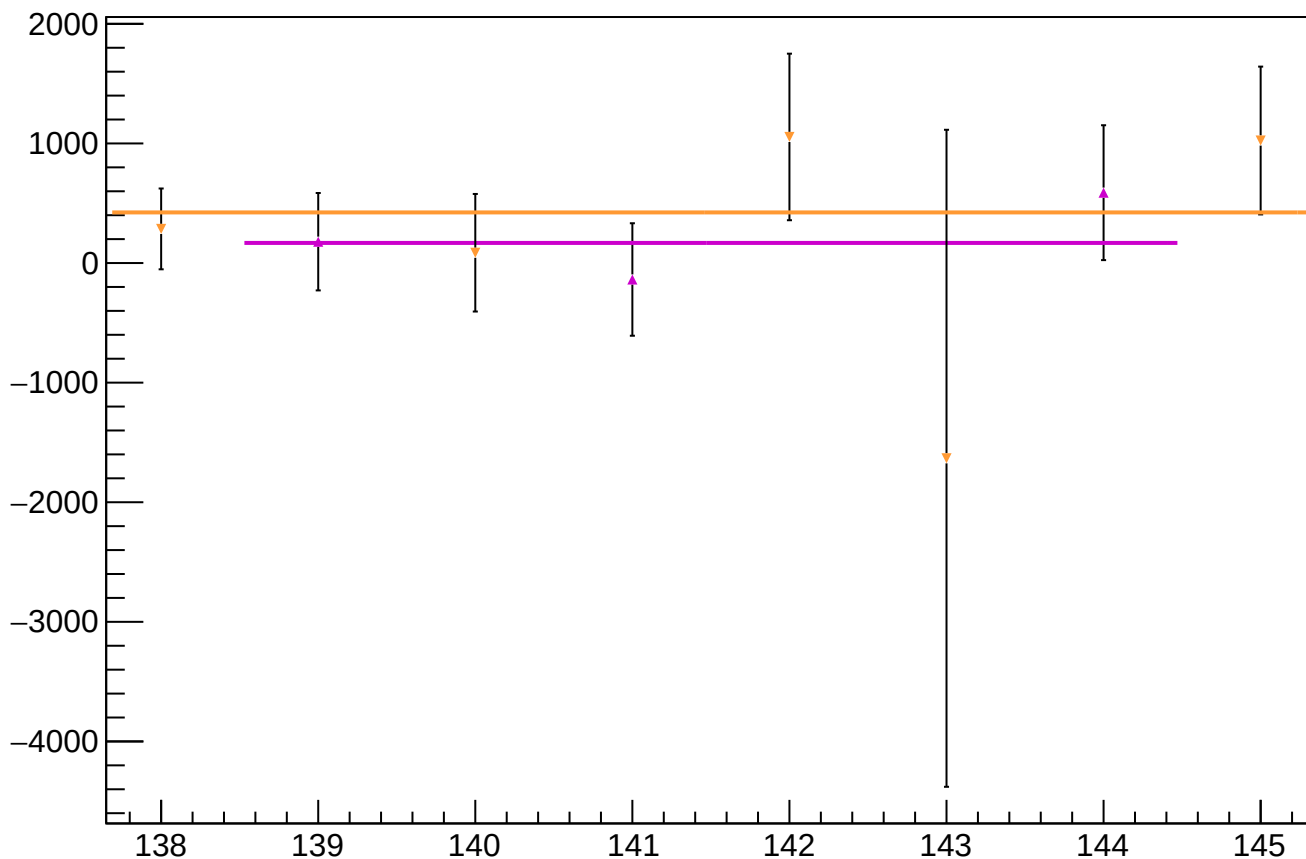
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 1481.737+/-0.578 χ^2/NDF :176497.5/4

All: 1446.272+/-0.426 χ^2/NDF : 188342.0/7

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: 423.226+/-237.590 χ^2/NDF :3.0/4

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

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

Left: 312.017+/-178.421 χ^2/NDF : 4.4/7

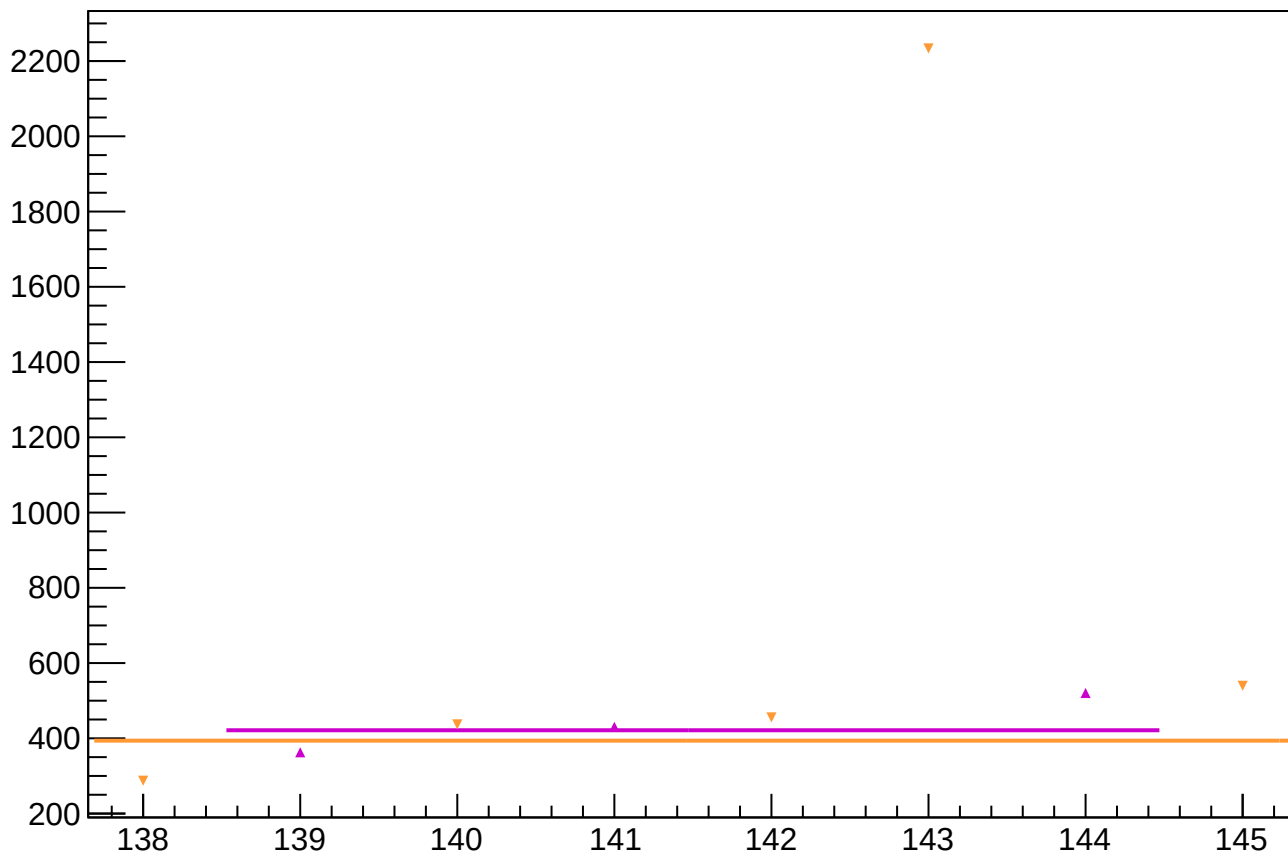
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 168.193+/-270.192 χ^2/NDF :1.0/2

Out: 423.226+/-237.590 χ^2/NDF :3.0/4

All: 312.017+/-178.421 χ^2/NDF : 4.4/7

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: 393.771+/-0.168 χ^2/NDF :1238494.9/4

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

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

Left: 405.832+/-0.126 χ^2/NDF : 1354170.3/7

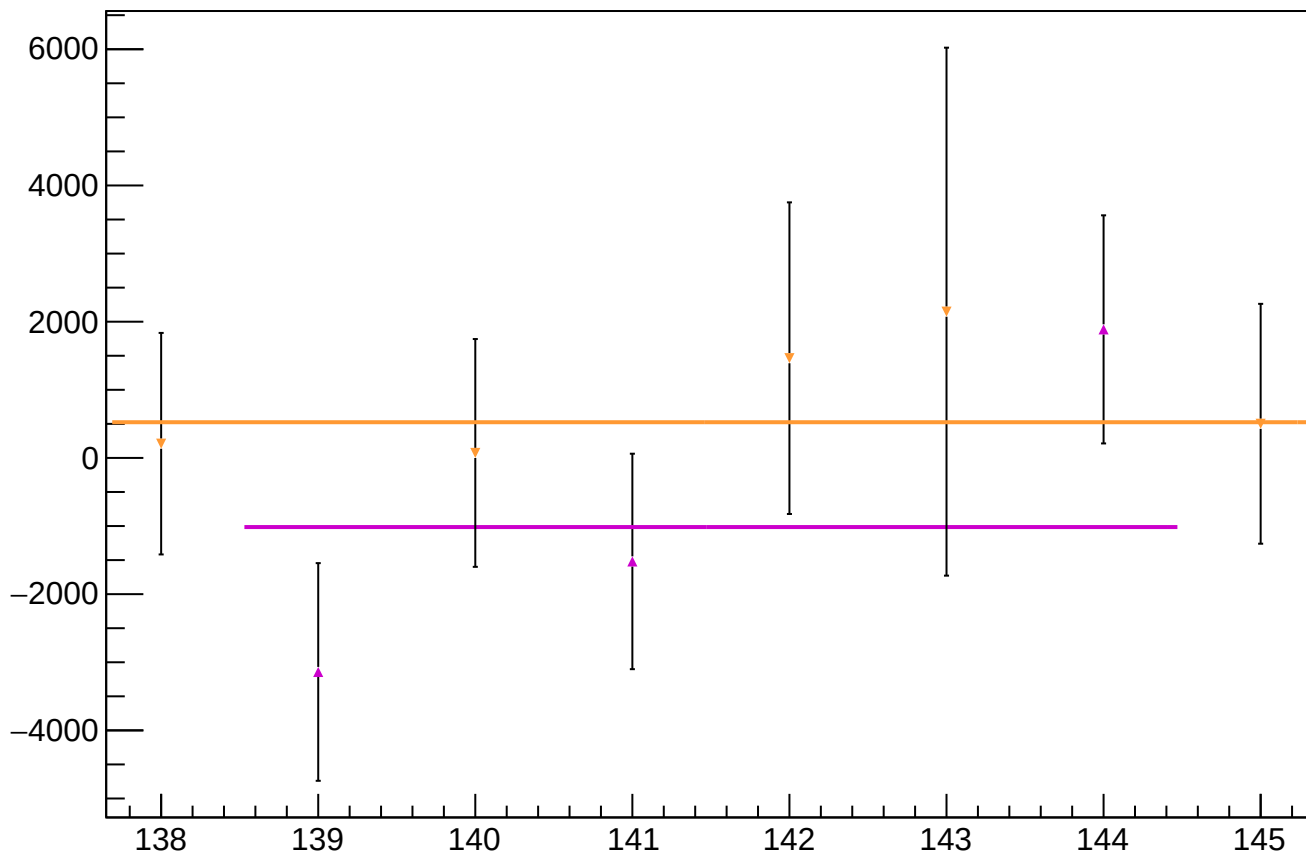
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 393.771+/-0.168 χ^2/NDF :1238494.9/4

All: 405.832+/-0.126 χ^2/NDF : 1354170.3/7

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: 524.164+/-871.708 χ^2/NDF : 0.5/4

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

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

Left: -192.955+/-637.044 χ^2/NDF : 6.8/7

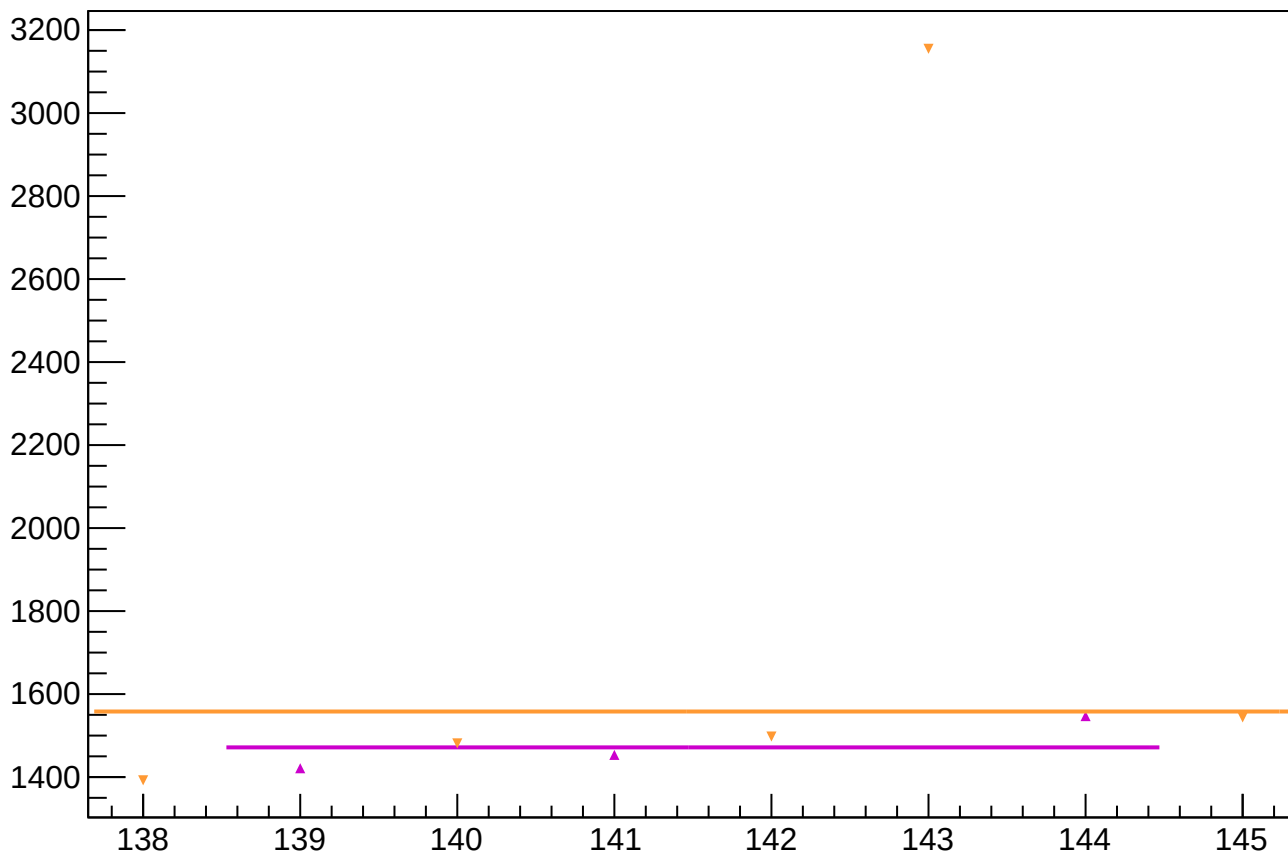
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 524.164+/-871.708 χ^2/NDF : 0.5/4

All: -192.955+/-637.044 χ^2/NDF : 6.8/7

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 1517.739+/-0.450 χ^2/NDF : 381504.2/7

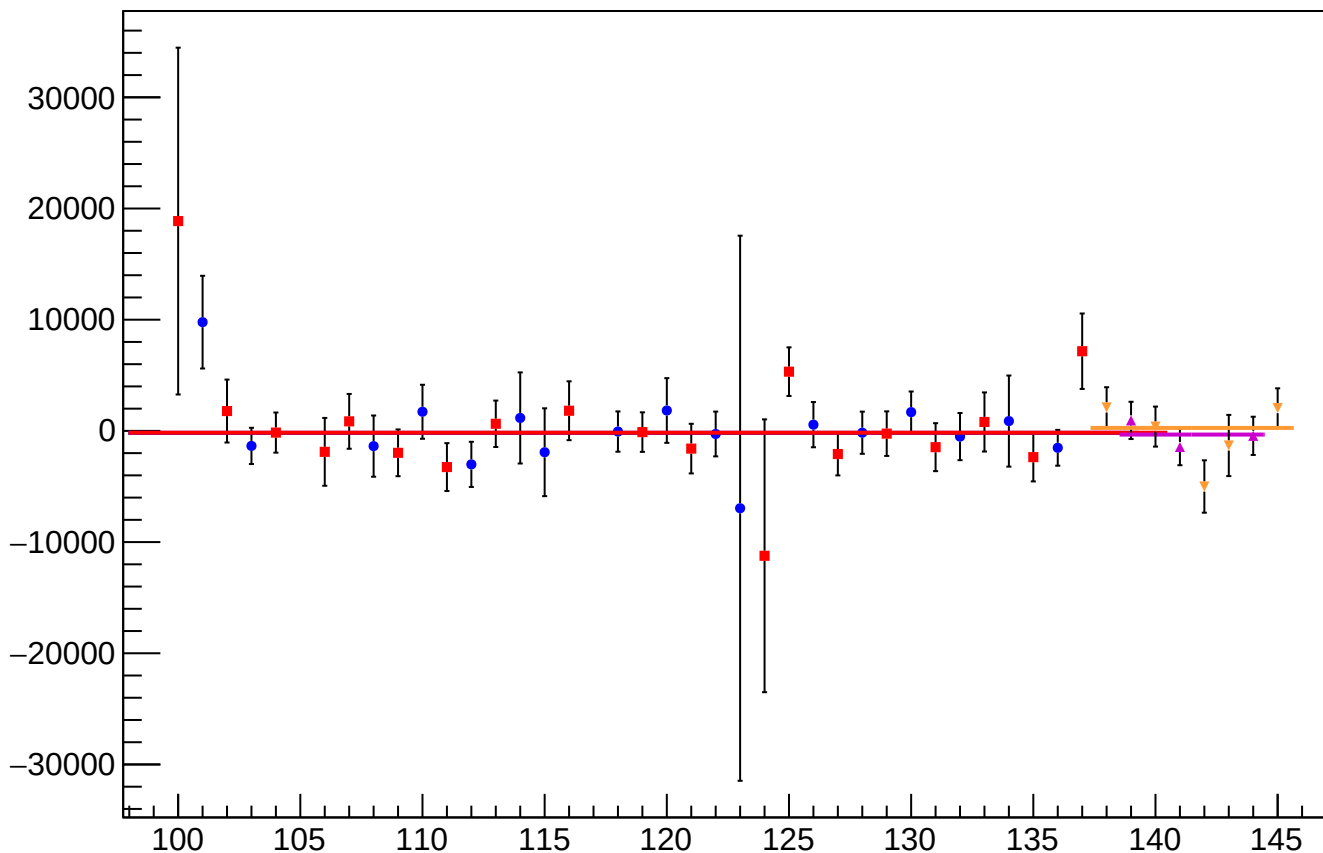
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: 1517.739+/-0.450 χ^2/NDF : 381504.2/7

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841+/-554.659 χ^2/NDF : 11.8/16

Left Out: 267.490+/-898.054 χ^2/NDF : 7.4/4

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

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

Left: -9.295+/-658.360 χ^2/NDF : 8.6/7

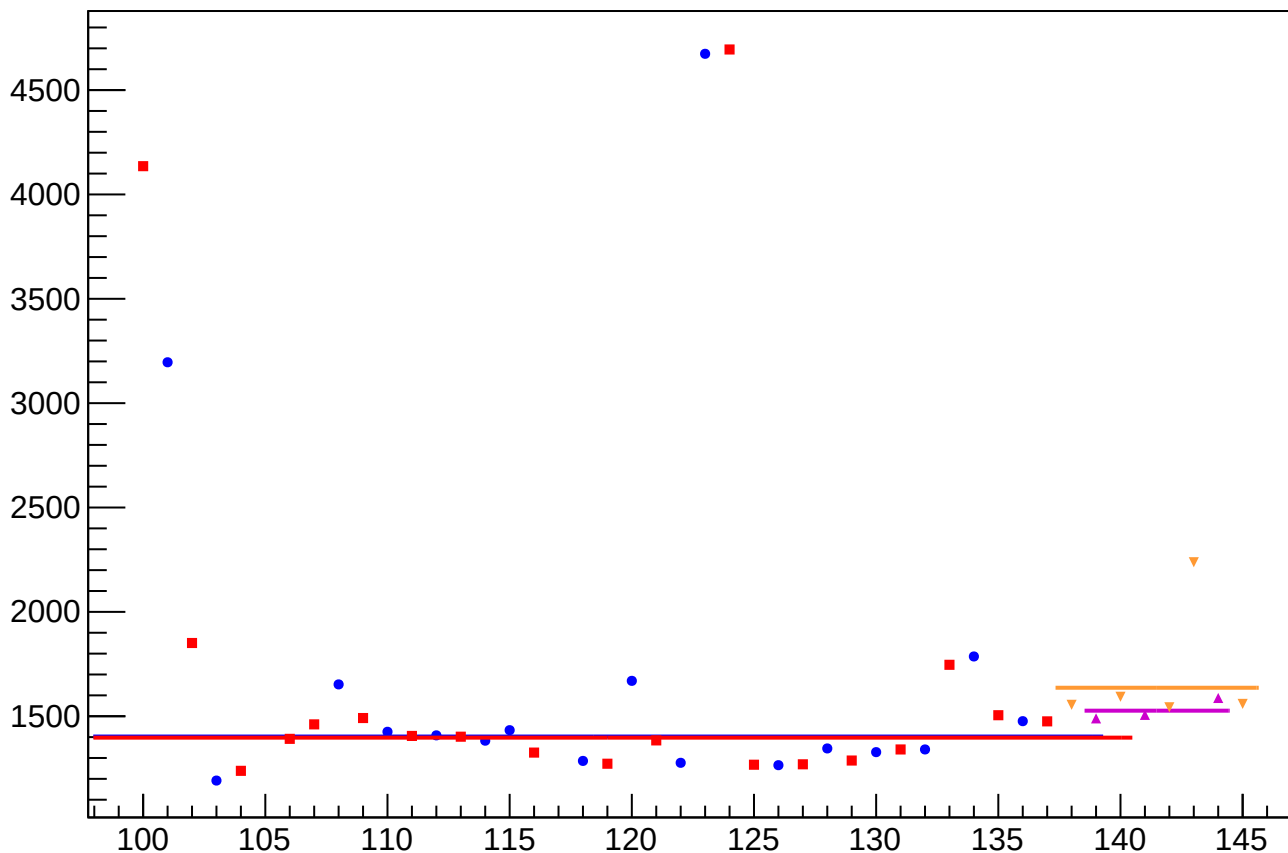
Right: -169.758+/-386.953 χ^2/NDF : 32.4/35

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

Out: -50.075+/-462.844 χ^2/NDF : 28.2/23

All: -128.558+/-333.599 χ^2/NDF : 41.1/43

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: 1636.483+/-0.635 χ^2/NDF : 107612.5/4

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

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

Left: 1585.670+/-0.466 χ^2/NDF : 125236.3/7

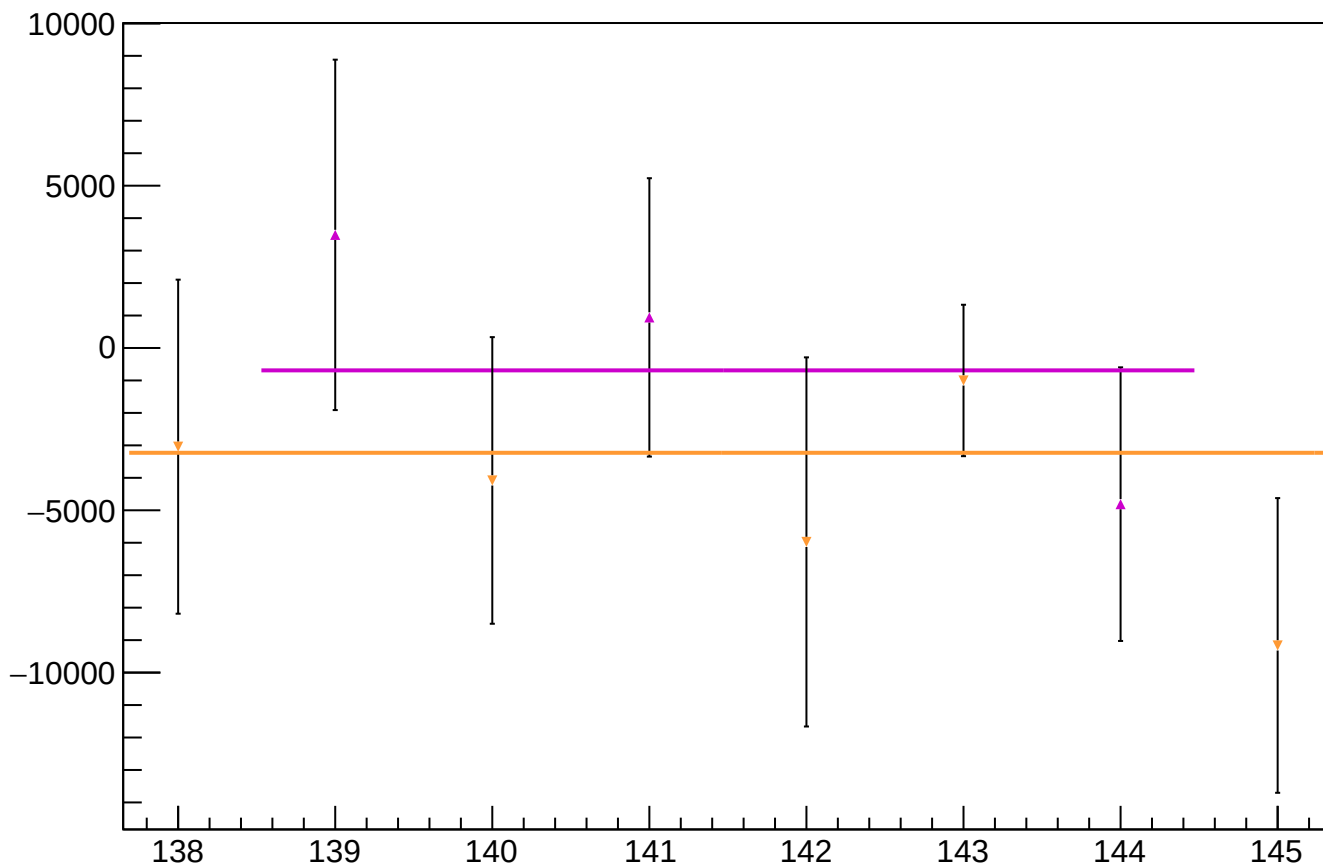
Right: 1400.004+/-0.274 χ^2/NDF : 879784.5/35

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

Out: 1460.883+/-0.327 χ^2/NDF : 565070.6/23

All: 1447.654+/-0.236 χ^2/NDF : 1123260.5/43

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: -3228.615+/-1684.638 χ^2/NDF :2.9/4

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

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

Left: -2488.361+/-1417.952 χ^2/NDF : 5.3/7

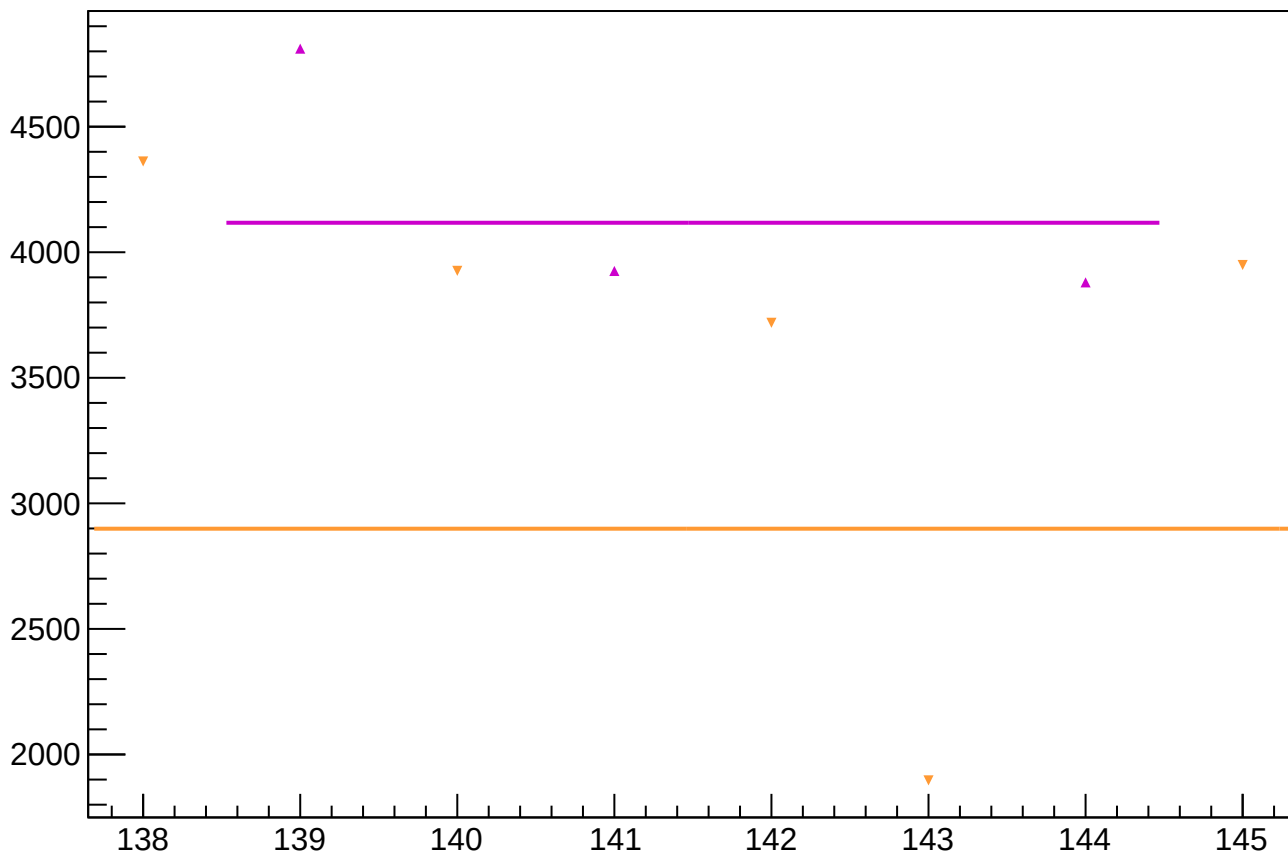
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: -3228.615+/-1684.638 χ^2/NDF :2.9/4

All: -2488.361+/-1417.952 χ^2/NDF : 5.3/7

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: 2899.066+/-1.191 χ^2/NDF :787727.8/4

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

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

Left: 3254.281+/-1.003 χ^2/NDF : 1136081.4/7

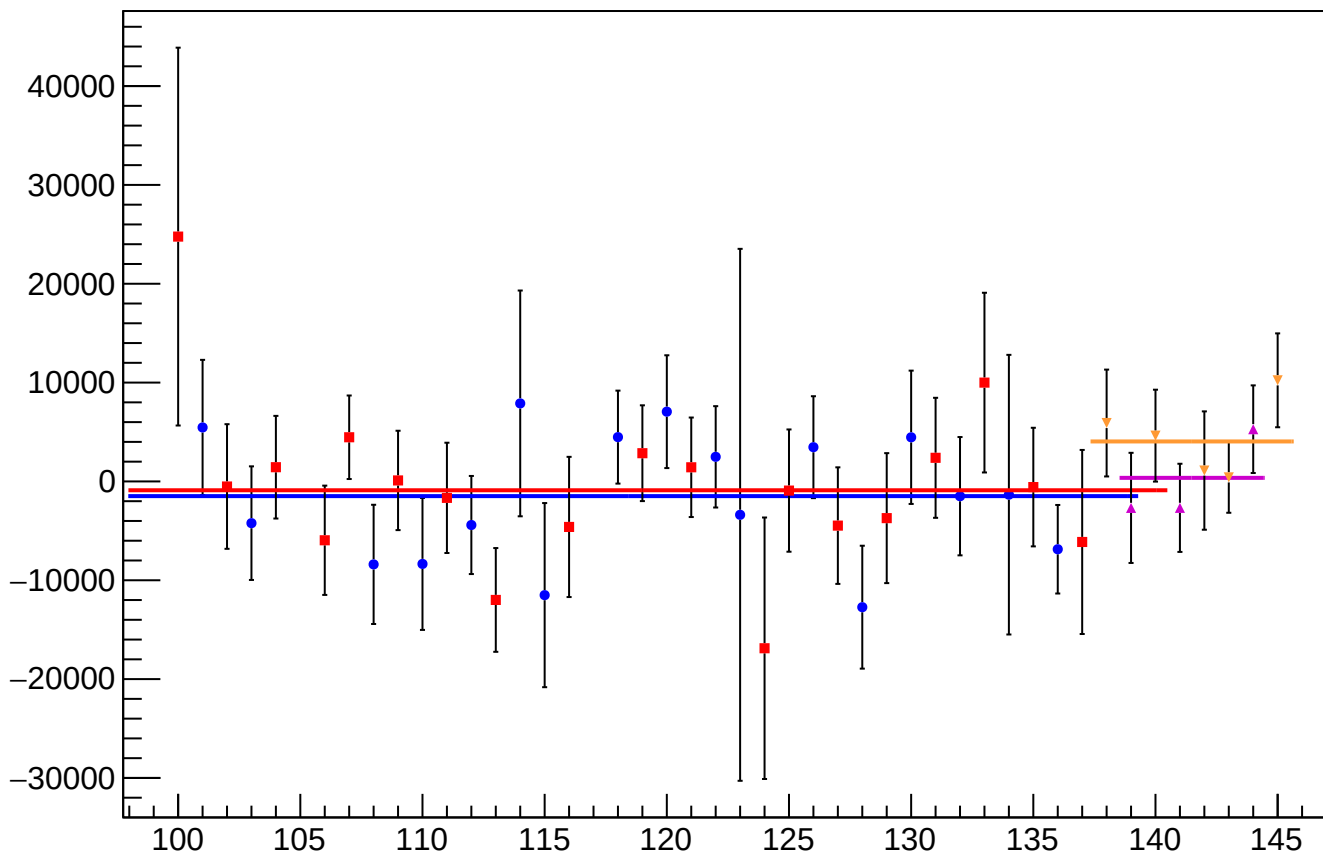
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 2899.066+/-1.191 χ^2/NDF :787727.8/4

All: 3254.281+/-1.003 χ^2/NDF : 1136081.4/7

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038+/-1499.116 χ^2/NDF : 16.7/16

Left Out: 4044.424+/-2082.175 χ^2/NDF : 3.1/4

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

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

Left: 2695.084+/-1657.437 χ^2/NDF : 6.2/7

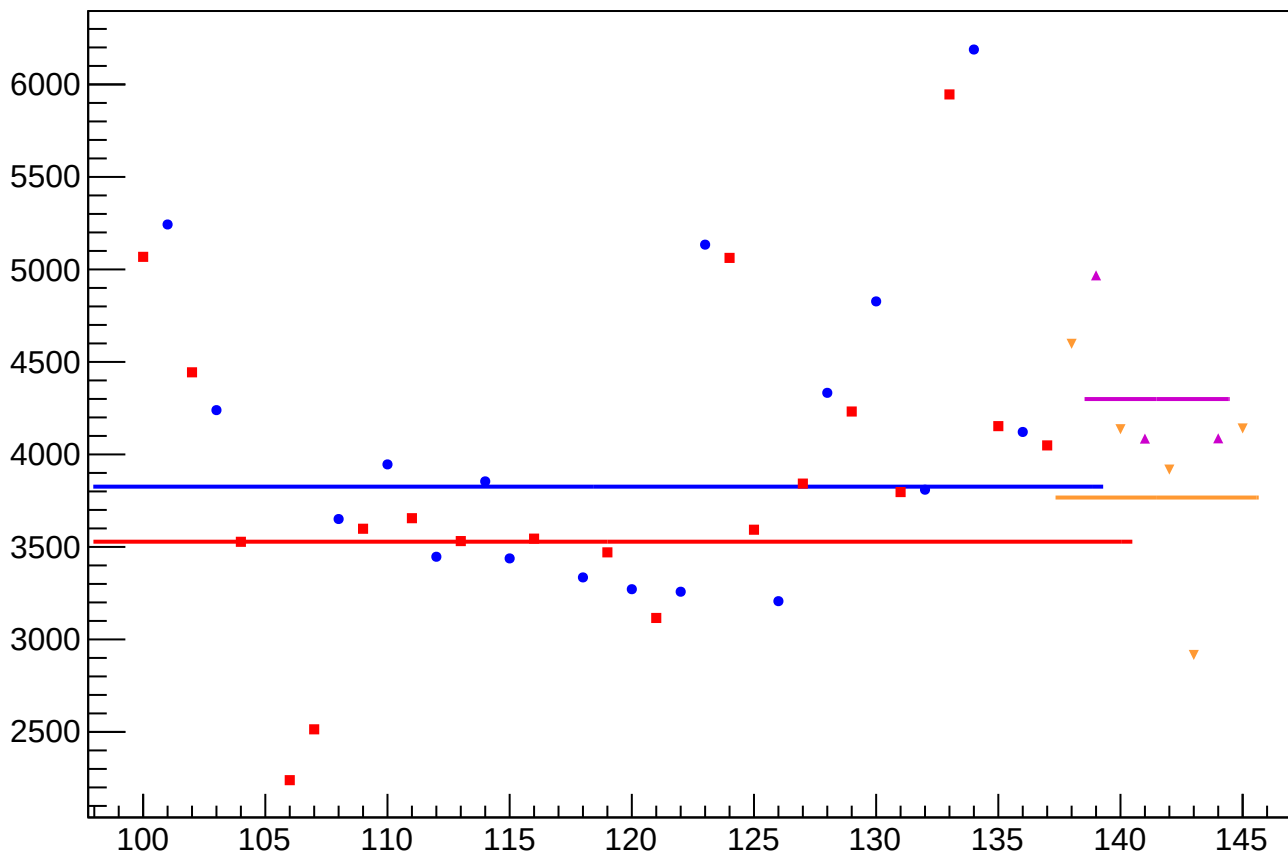
Right: -1165.879+/-1014.876 χ^2/NDF : 30.9/35

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

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

All: -113.029+/-865.511 χ^2/NDF : 41.1/43

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3825.844+/-1.060 χ^2/NDF : 334404.3/16

Left Out: 3766.995+/-1.472 χ^2/NDF : 186382.3/4

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

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

Left: 3962.039+/-1.172 χ^2/NDF : 272263.4/7

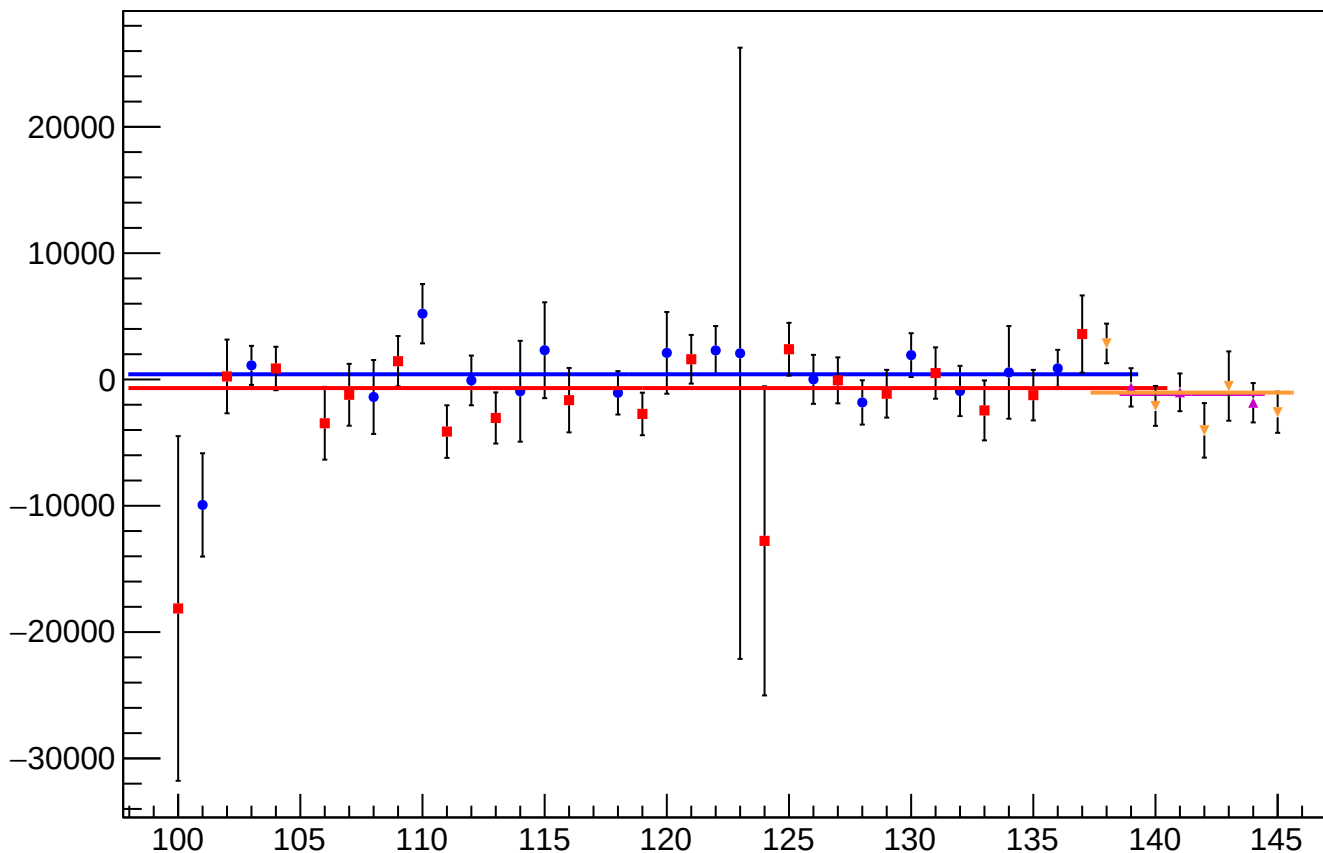
Right: 3663.316+/-0.714 χ^2/NDF : 932858.8/35

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

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

All: 3744.187+/-0.610 χ^2/NDF : 1252501.5/43

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: -1039.590+/-807.656 χ^2/NDF : 9.5/4

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

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

Left: -1089.285+/-594.827 χ^2/NDF : 9.8/7

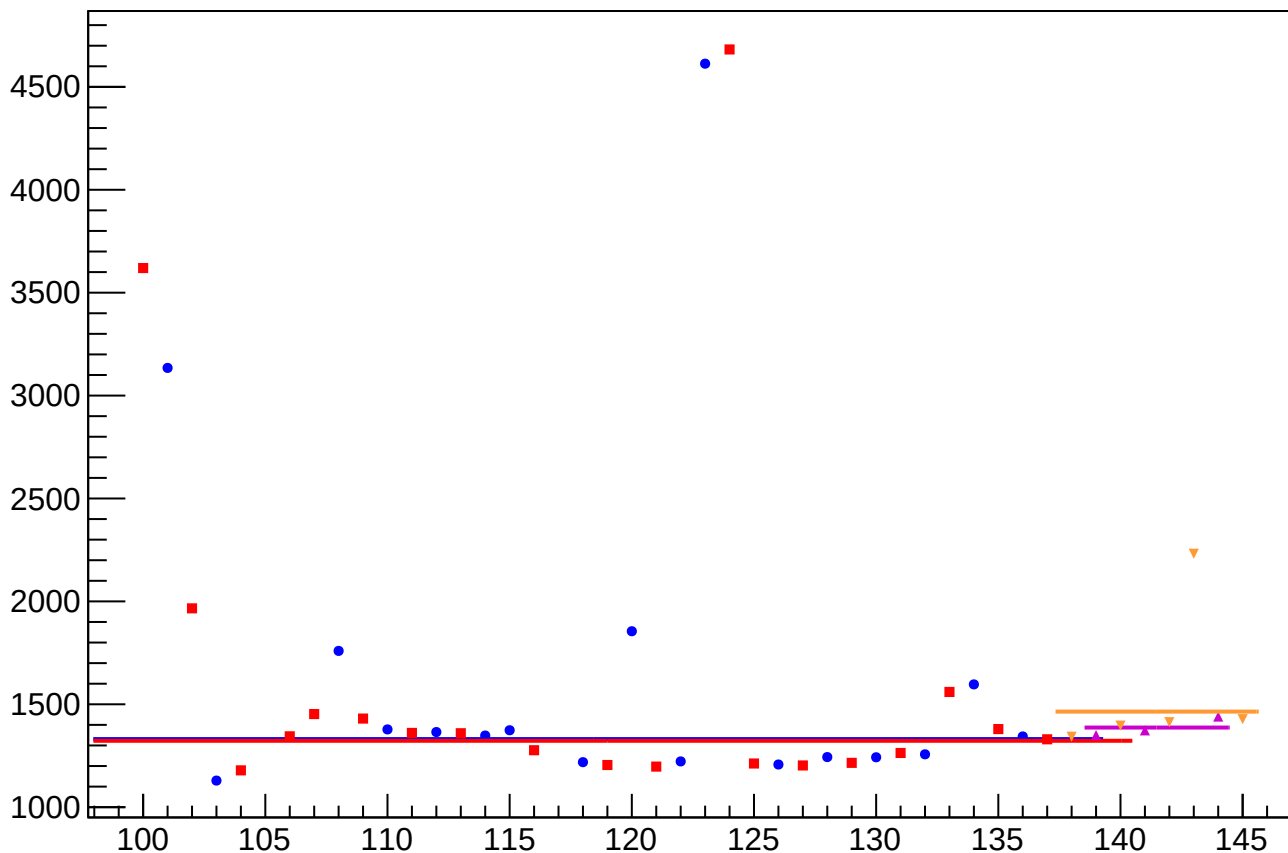
Right: -154.107+/-366.889 χ^2/NDF : 36.8/35

In: -1.857+/-452.653 χ^2/NDF : 19.2/19

Out: -784.120+/-431.342 χ^2/NDF : 27.7/23

All: -411.837+/-312.267 χ^2/NDF : 48.4/43

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.889+/-0.373 χ^2/NDF : 603474.5/16

Left Out: 1464.414+/-0.571 χ^2/NDF :174249.3/4

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

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

Left: 1428.973+/-0.421 χ^2/NDF : 186323.4/7

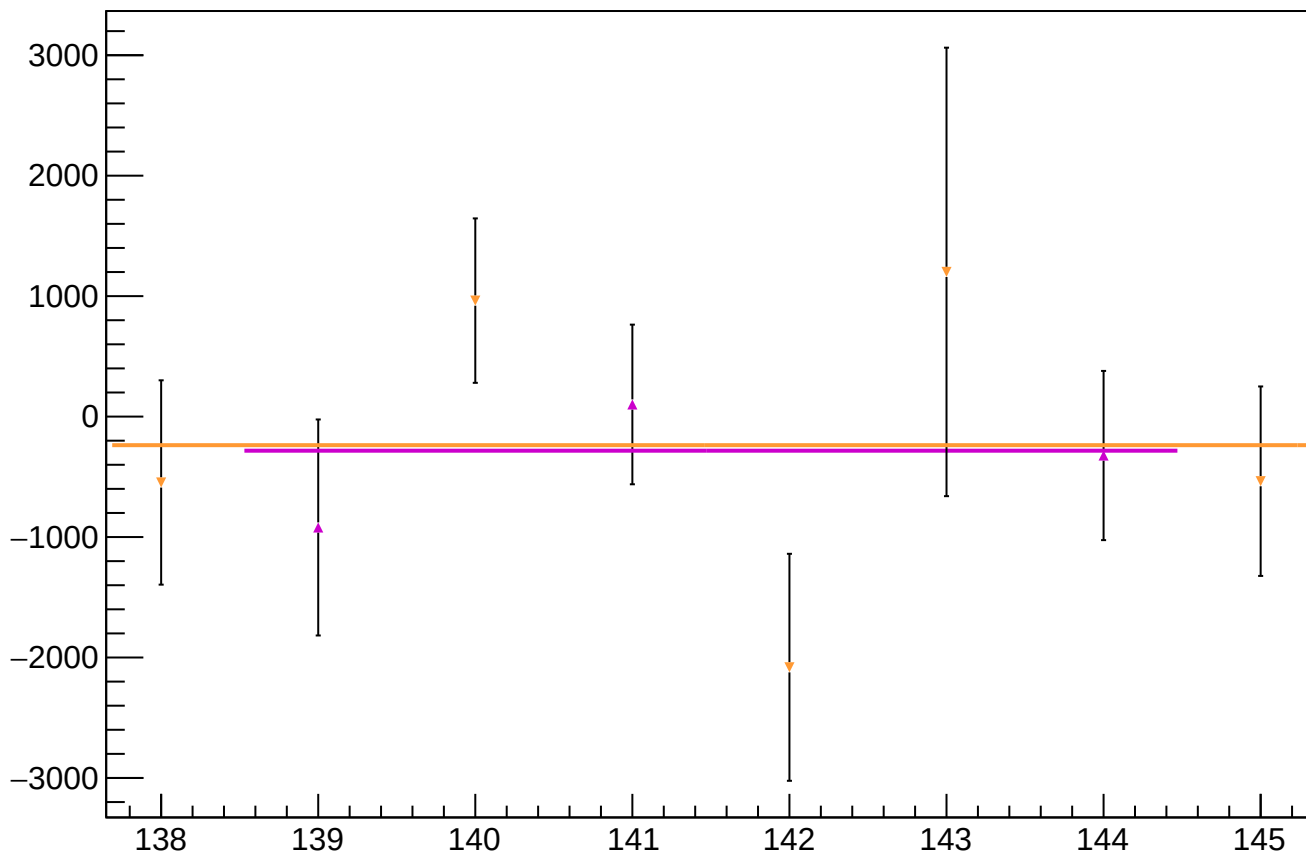
Right: 1326.657+/-0.259 χ^2/NDF : 998136.6/35

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

Out: 1363.124+/-0.305 χ^2/NDF :612671.6/23

All: 1354.855+/-0.221 χ^2/NDF : 1227326.3/43

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: -237.294+/-390.180 χ^2/NDF :7.8/4

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

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

Left: -258.286+/-287.279 χ^2/NDF : 8.6/7

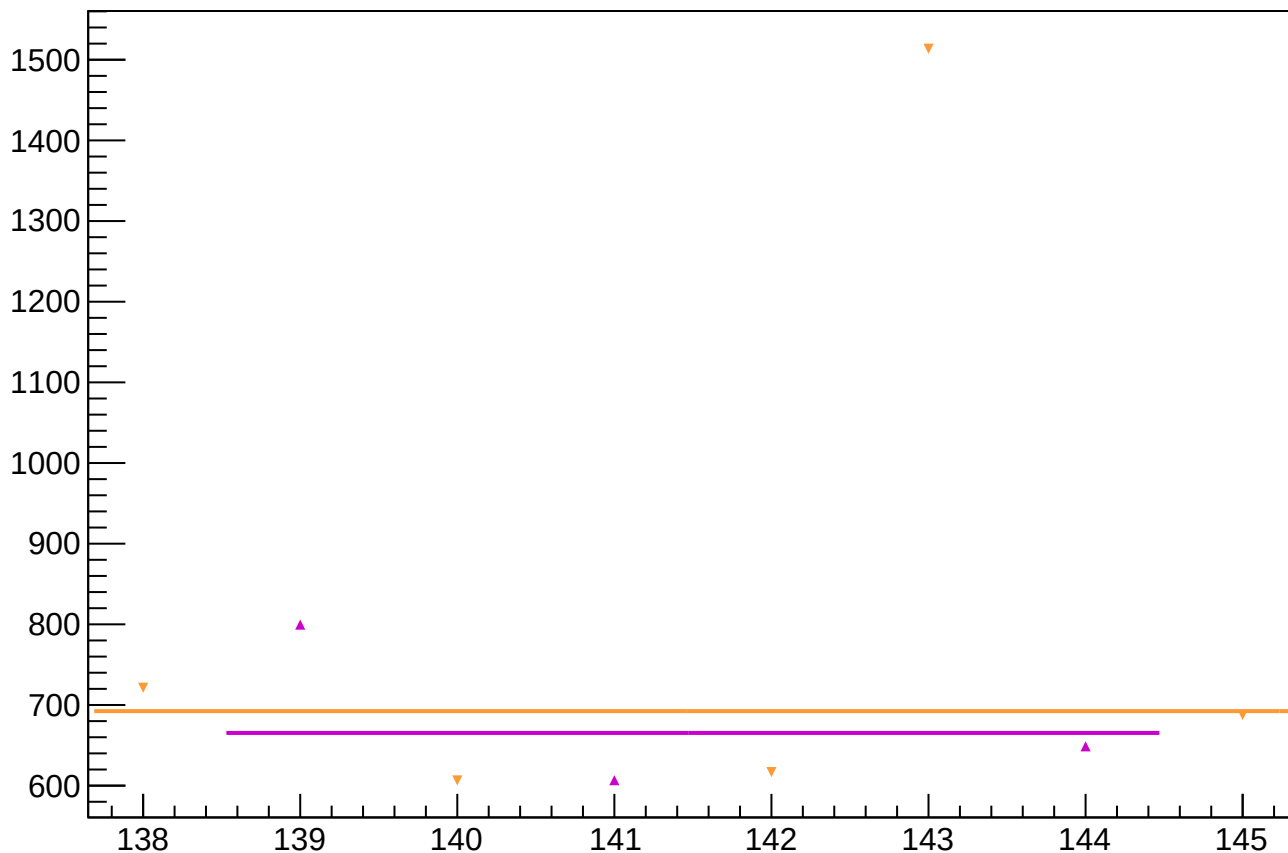
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -283.138+/-424.539 χ^2/NDF :0.8/2

Out: -237.294+/-390.180 χ^2/NDF :7.8/4

All: -258.286+/-287.279 χ^2/NDF : 8.6/7

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 692.382+/-0.276 χ^2/NDF :436200.0/4

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

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

Left: 679.998+/-0.203 χ^2/NDF : 502221.2/7

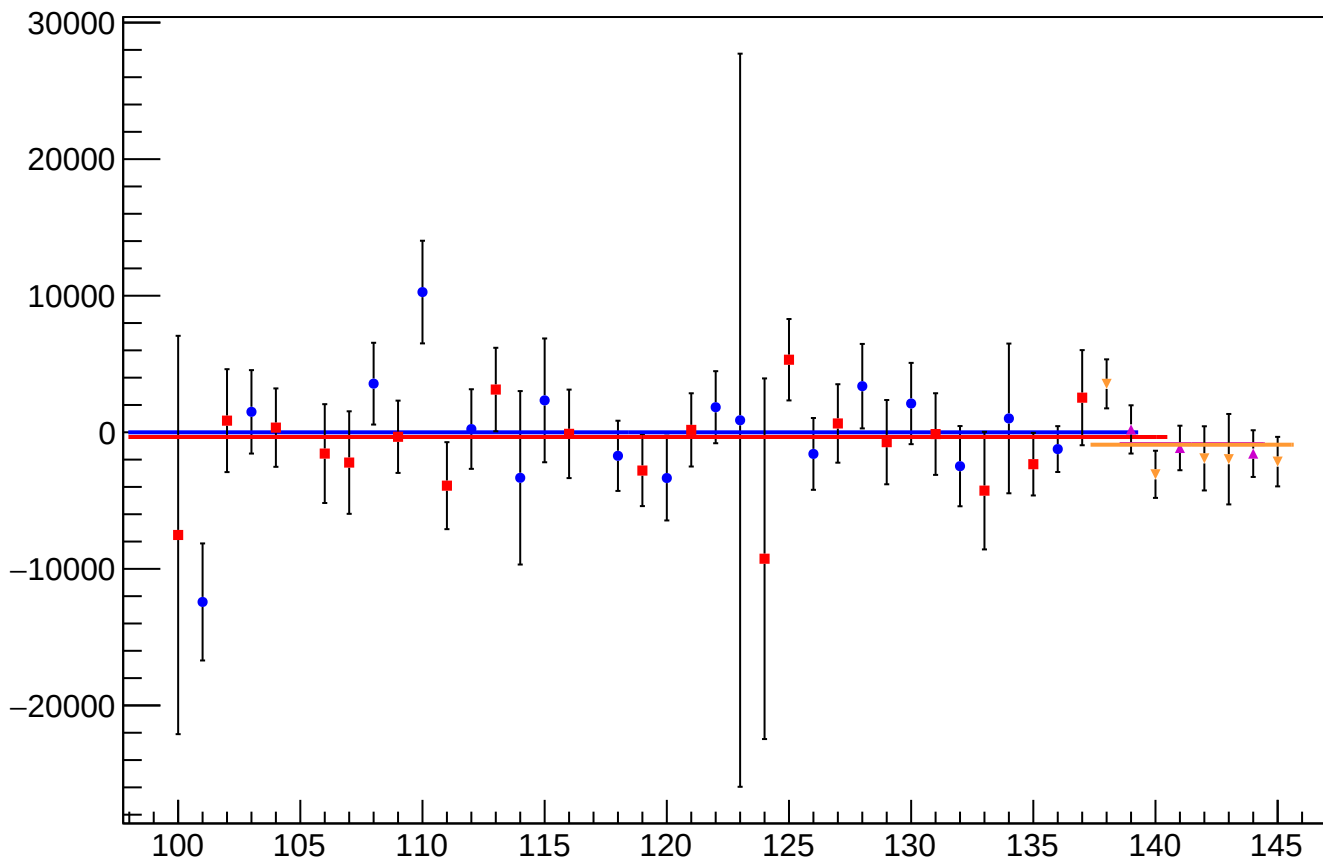
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 692.382+/-0.276 χ^2/NDF :436200.0/4

All: 679.998+/-0.203 χ^2/NDF : 502221.2/7

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2.204 ± 745.061 χ^2/NDF : 23.5/16

Left Out: -908.226 ± 904.437 χ^2/NDF : 8.5/4

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

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

Left: -888.195 ± 664.983 χ^2/NDF : 9.1/7

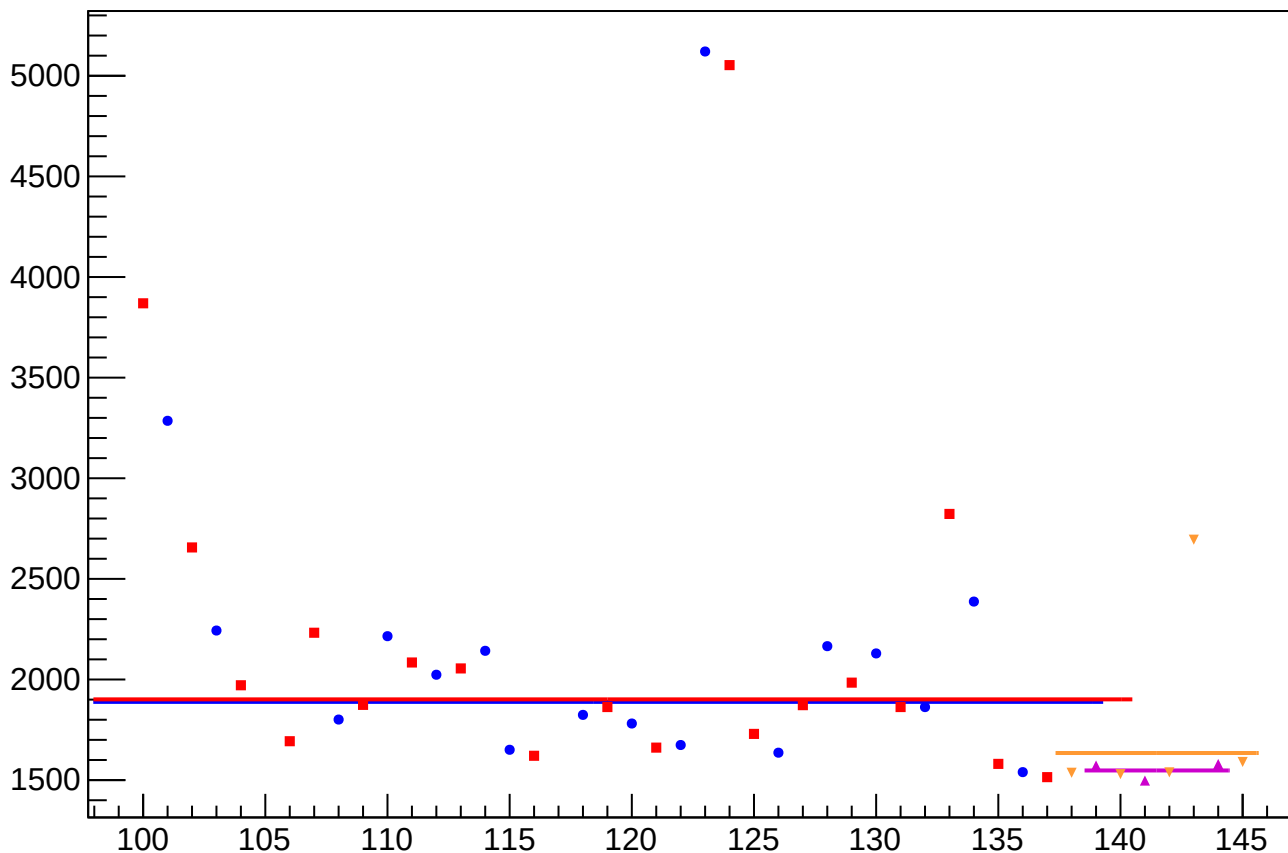
Right: -176.305 ± 522.783 χ^2/NDF : 34.3/35

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

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

All: -448.227 ± 410.985 χ^2/NDF : 44.1/43

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.810+/-0.527 χ^2/NDF : 465842.8/16

Left Out: 1634.717+/-0.640 χ^2/NDF : 222913.8/4

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

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

Left: 1594.850+/-0.470 χ^2/NDF : 234365.2/7

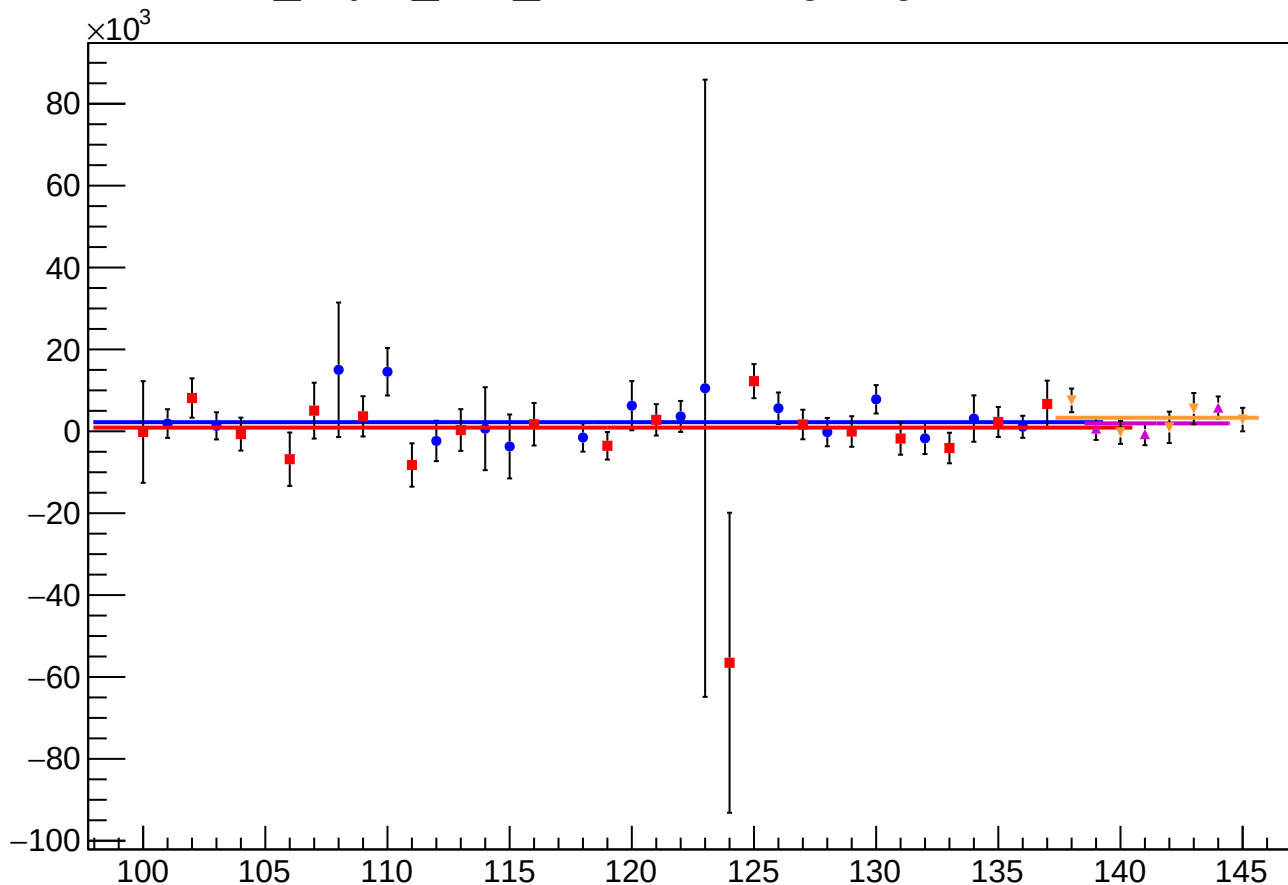
Right: 1895.125+/-0.370 χ^2/NDF : 927550.0/35

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

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

All: 1780.430+/-0.291 χ^2/NDF : 1413948.3/43

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 3314.549+/-1408.551 χ^2/NDF : 4.5/4

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

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

Left: 2708.004+/-1052.359 χ^2/NDF : 8.0/7

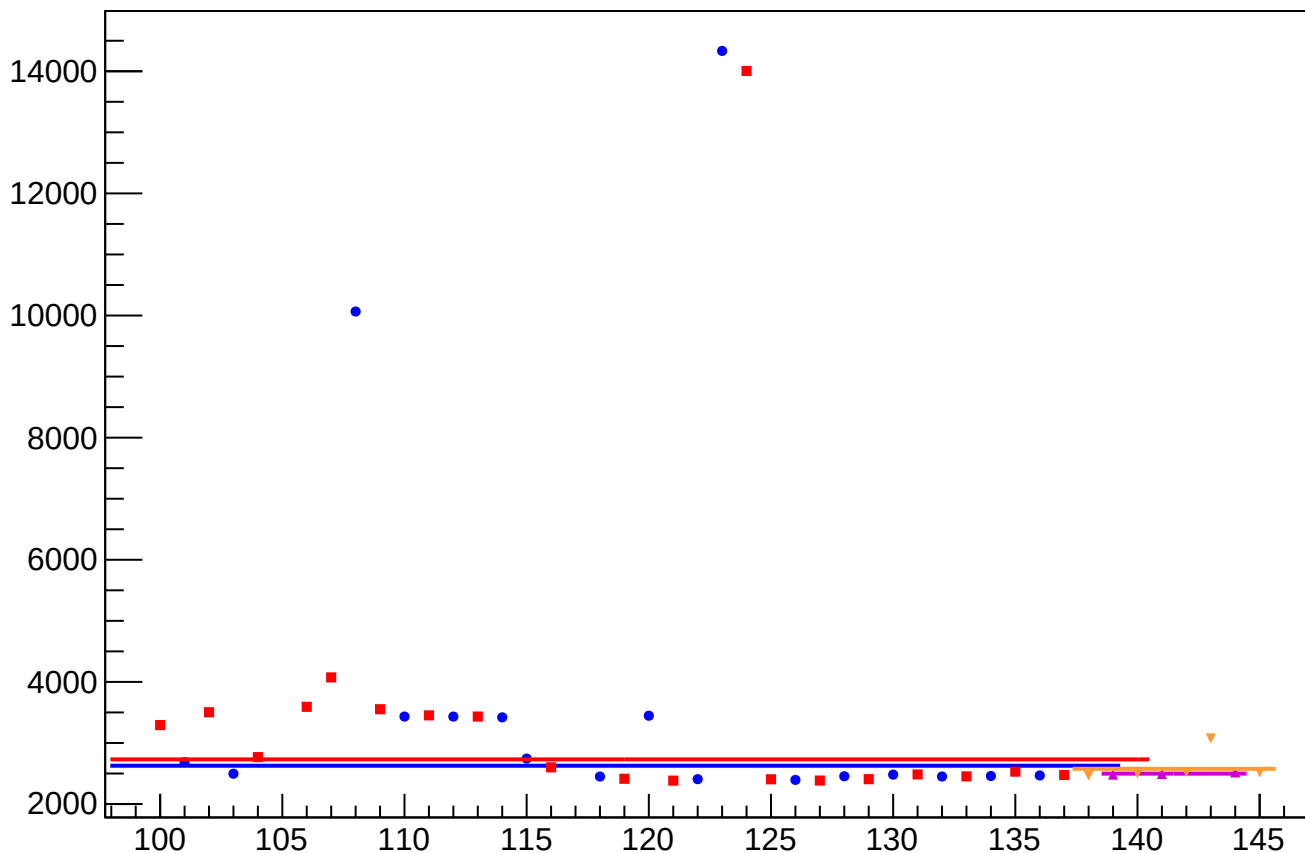
Right: 1572.479+/-737.556 χ^2/NDF : 37.3/35

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

Out: 1764.224+/-840.225 χ^2/NDF : 29.3/23

All: 1946.522+/-603.986 χ^2/NDF : 46.1/43

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2576.994+/-0.996 χ^2/NDF : 39709.5/4

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

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

Left: 2542.100+/-0.744 χ^2/NDF : 42669.3/7

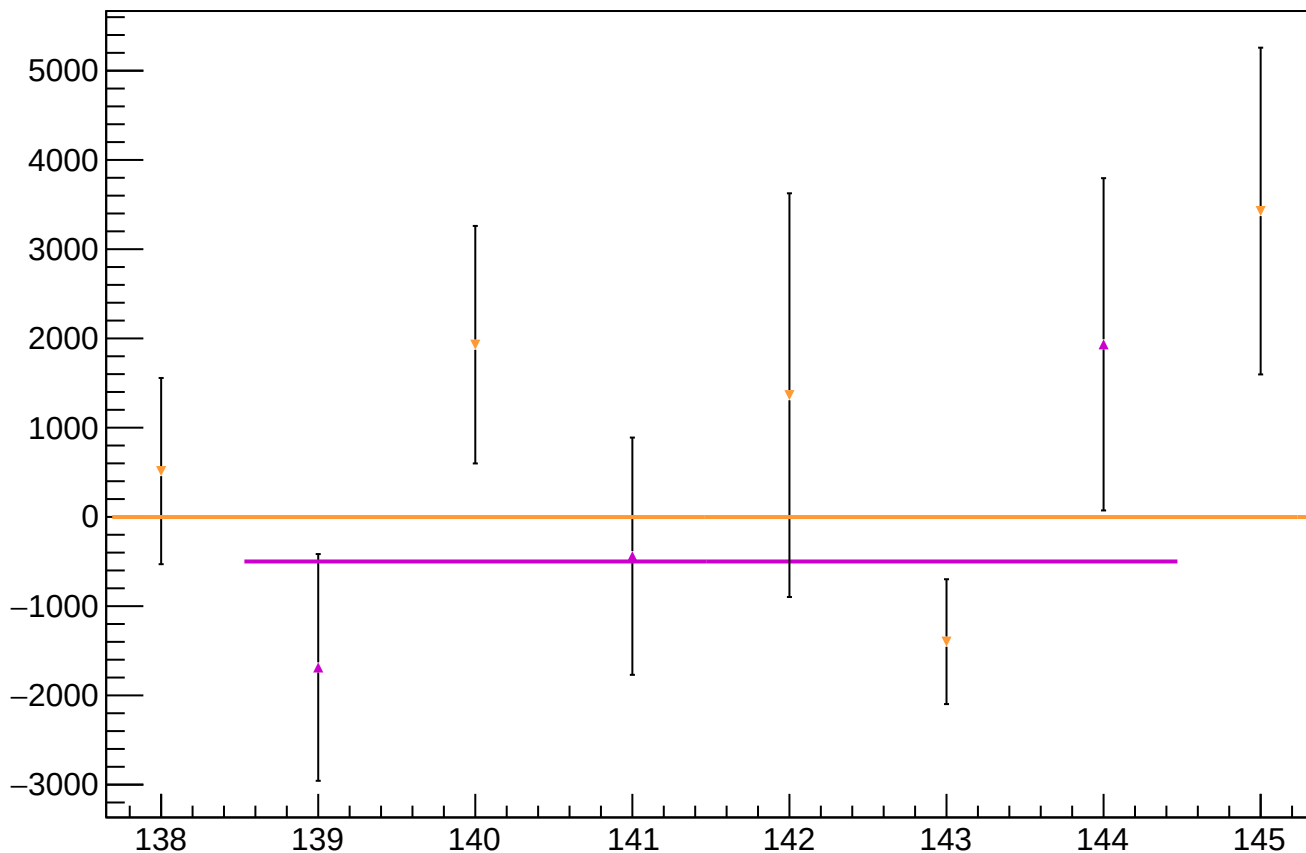
Right: 2679.043+/-0.522 χ^2/NDF : 1252488.0/35

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

Out: 2676.374+/-0.594 χ^2/NDF : 653372.6/23

All: 2633.934+/-0.427 χ^2/NDF : 1317868.9/43

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: -1.459+/-498.693 χ^2/NDF :10.2/4

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

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

Left: -135.039+/-426.589 χ^2/NDF : 13.1/7

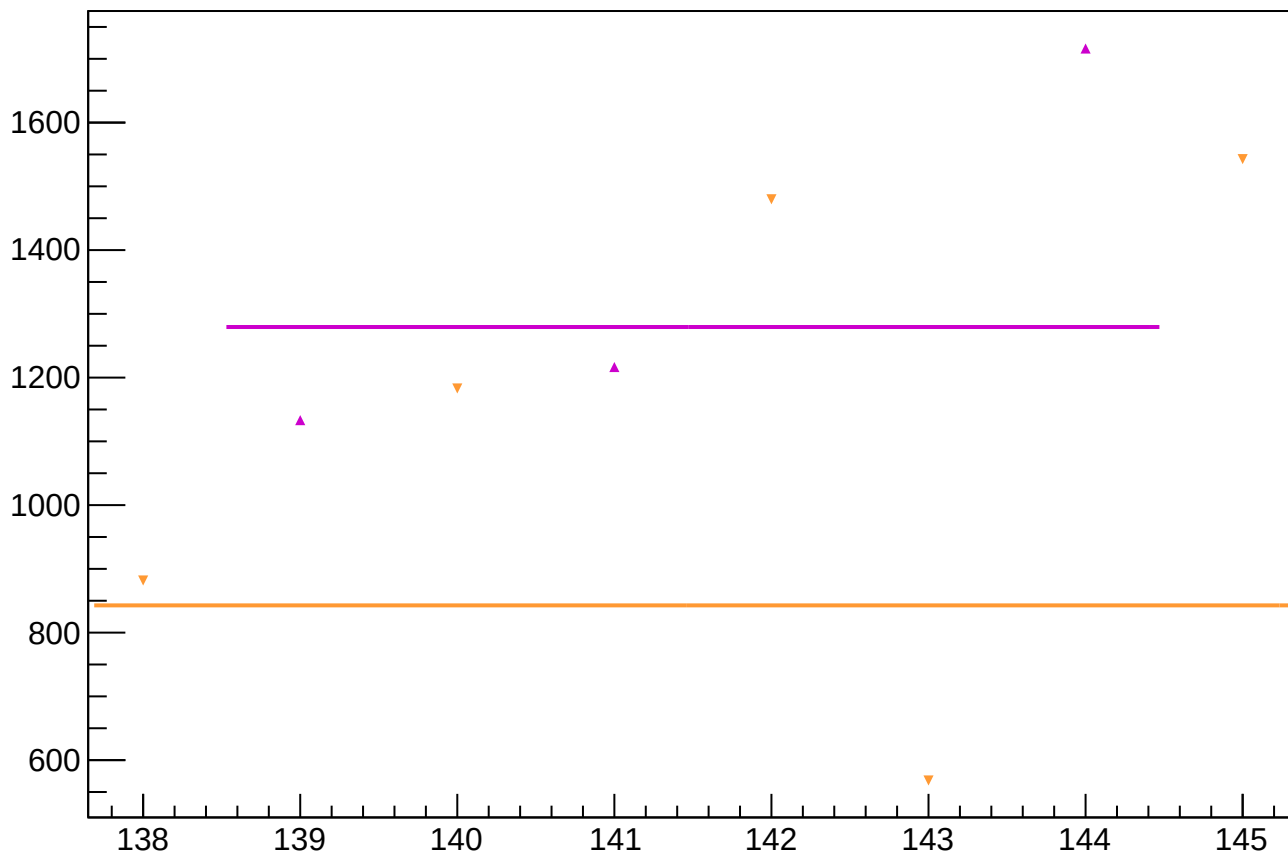
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -499.397+/-823.620 χ^2/NDF :2.6/2

Out: -1.459+/-498.693 χ^2/NDF :10.2/4

All: -135.039+/-426.589 χ^2/NDF : 13.1/7

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 842.737+/-0.353 χ^2/NDF : 892840.6/4

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

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

Left: 959.869+/-0.302 χ^2/NDF : 1445153.7/7

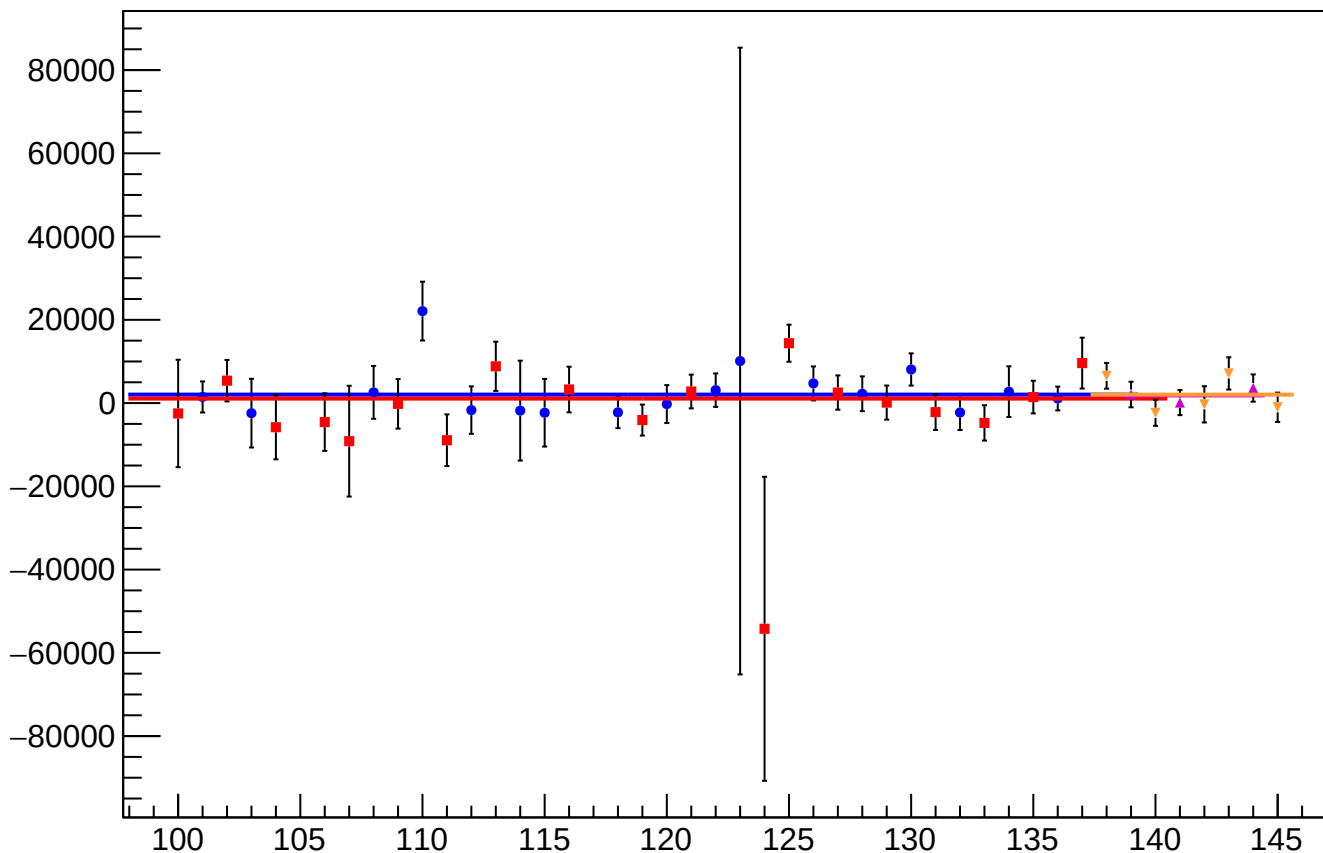
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: 842.737+/-0.353 χ^2/NDF : 892840.6/4

All: 959.869+/-0.302 χ^2/NDF : 1445153.7/7

asym_atl1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 1948.052+/-1182.458 χ^2/NDF : 7.5/7

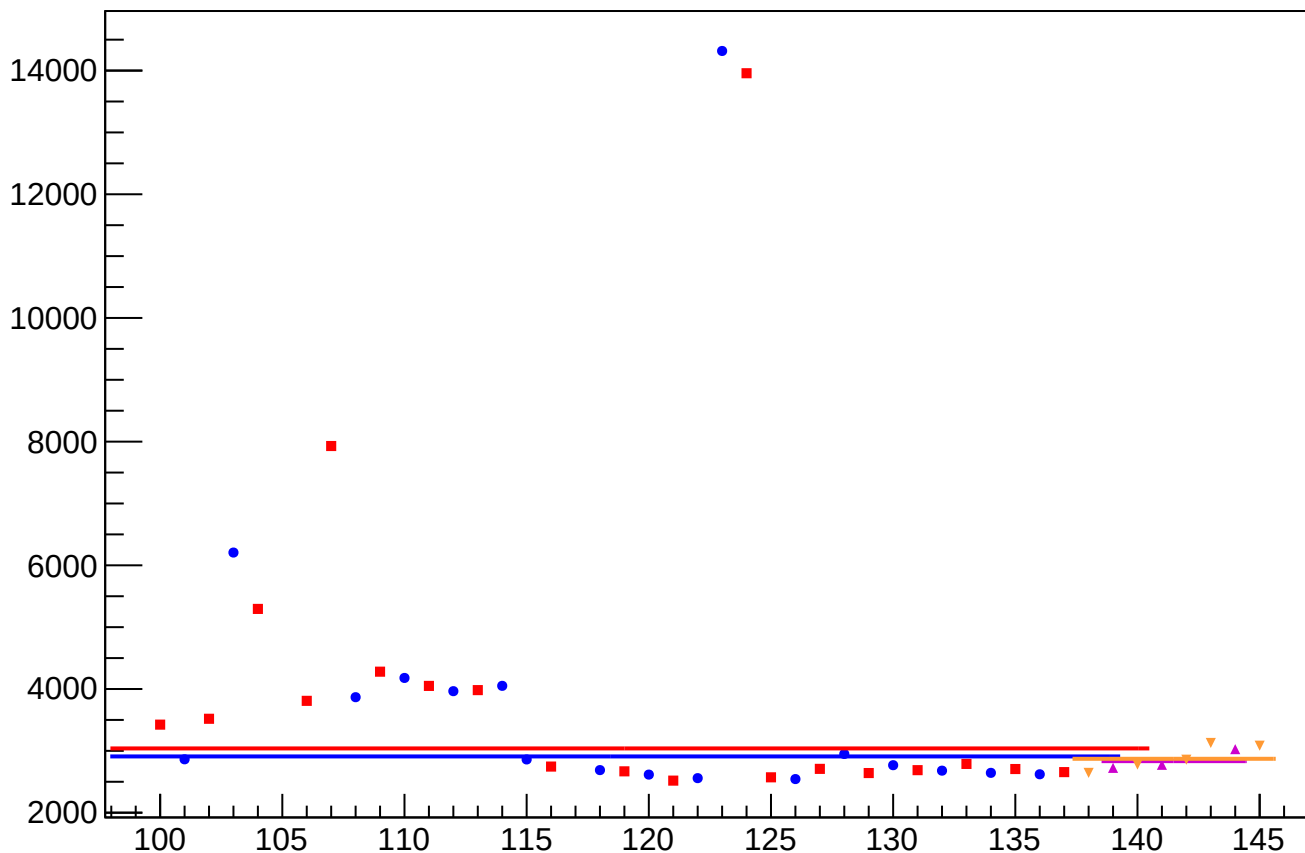
Right: 1573.398+/-826.356 χ^2/NDF : 40.5/35

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

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

All: 1696.334+/-677.344 χ^2/NDF : 48.0/43

asym_atl1_rms vs Slug, Sign Corrected



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

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

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

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

Left: 2855.098+/-0.836 χ^2/NDF : 39382.8/7

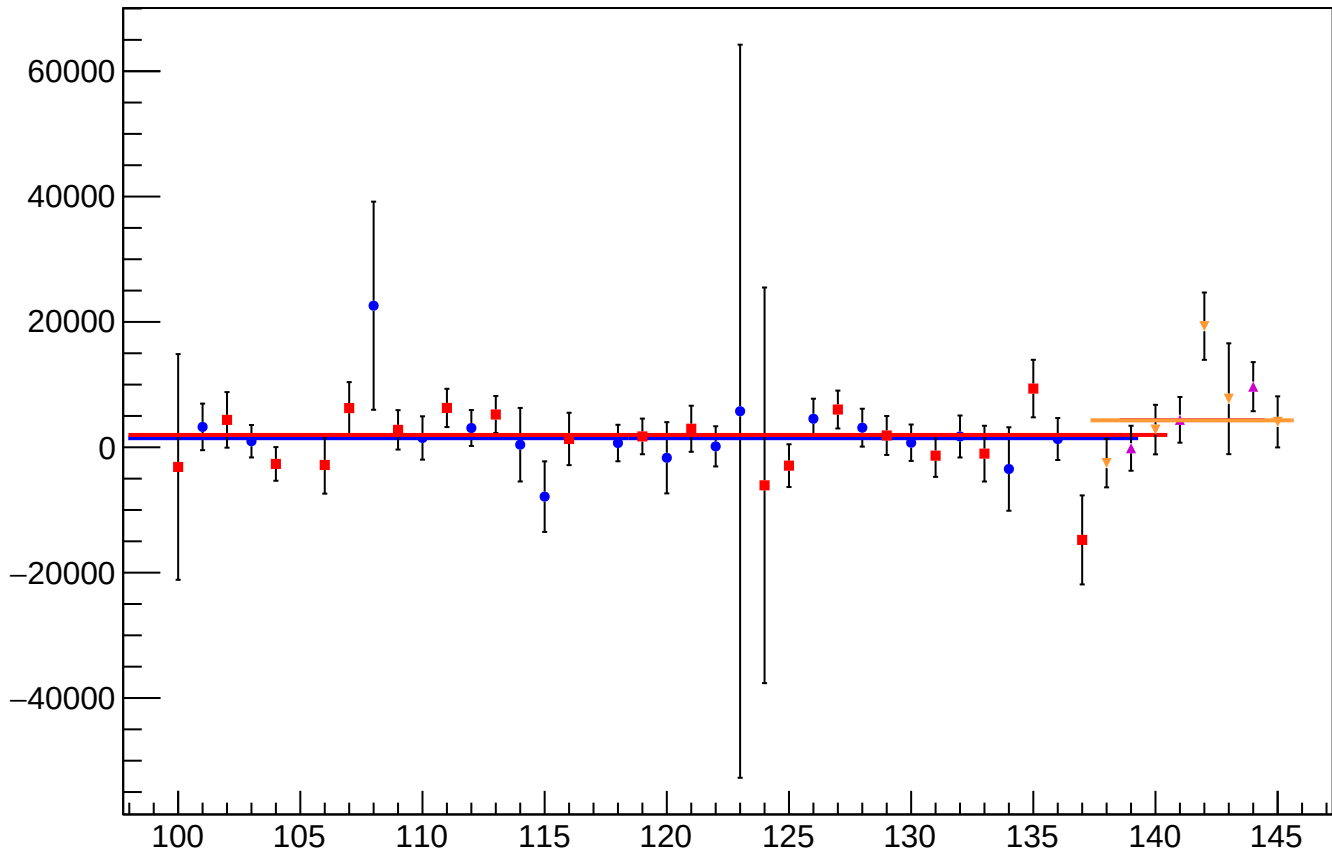
Right: 2972.475+/-0.584 χ^2/NDF : 1665447.8/35

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

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

All: 2933.960+/-0.479 χ^2/NDF : 1718071.2/43

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 4301.823+/-2047.570 χ^2/NDF :11.2/4

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

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

Left: 4323.738+/-1480.031 χ^2/NDF : 14.6/7

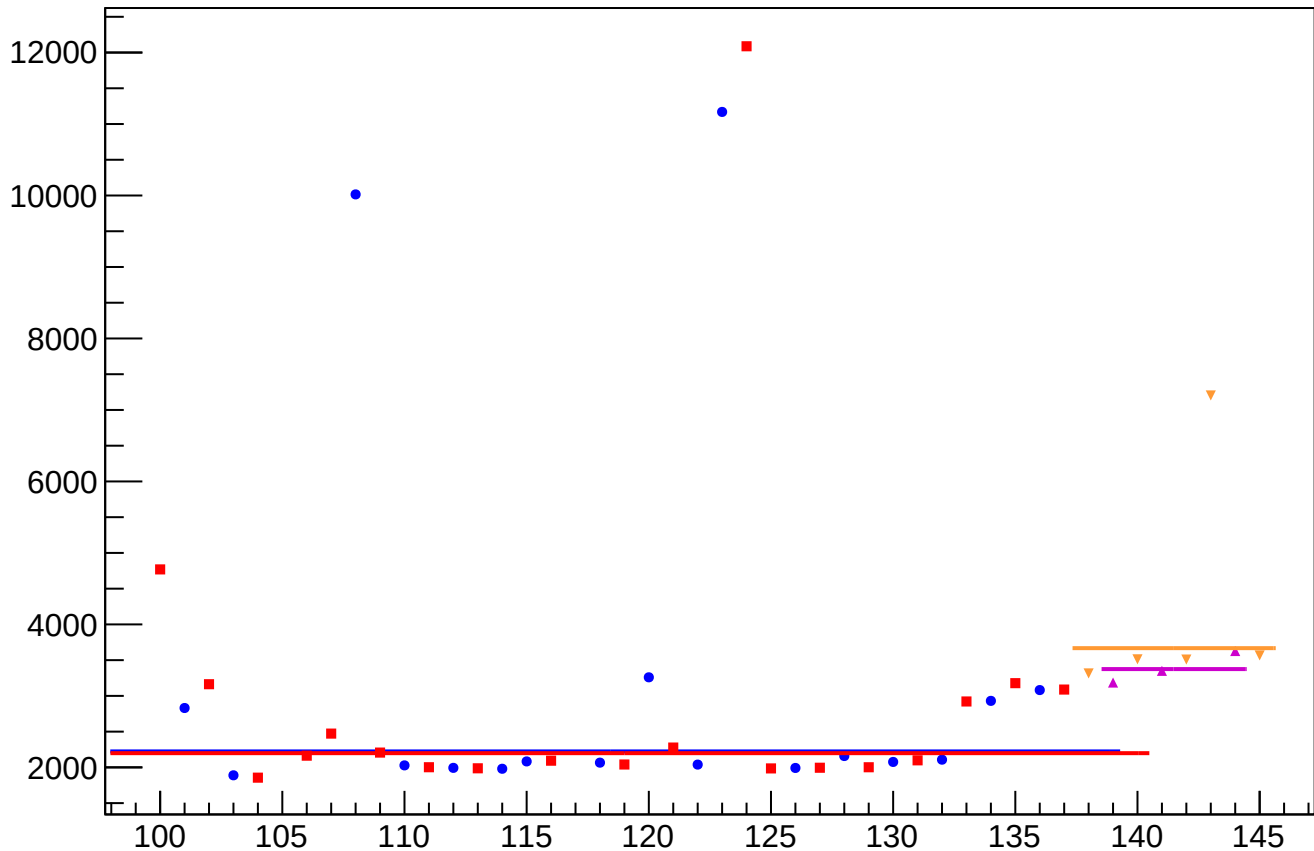
Right: 1722.028+/-614.553 χ^2/NDF : 30.0/35

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

Out: 2312.412+/-785.430 χ^2/NDF :34.7/23

All: 2104.637+/-567.569 χ^2/NDF : 47.2/43

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 3667.763+/-1.448 χ^2/NDF :342614.9/4

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

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

Left: 3527.979+/-1.047 χ^2/NDF : 376055.5/7

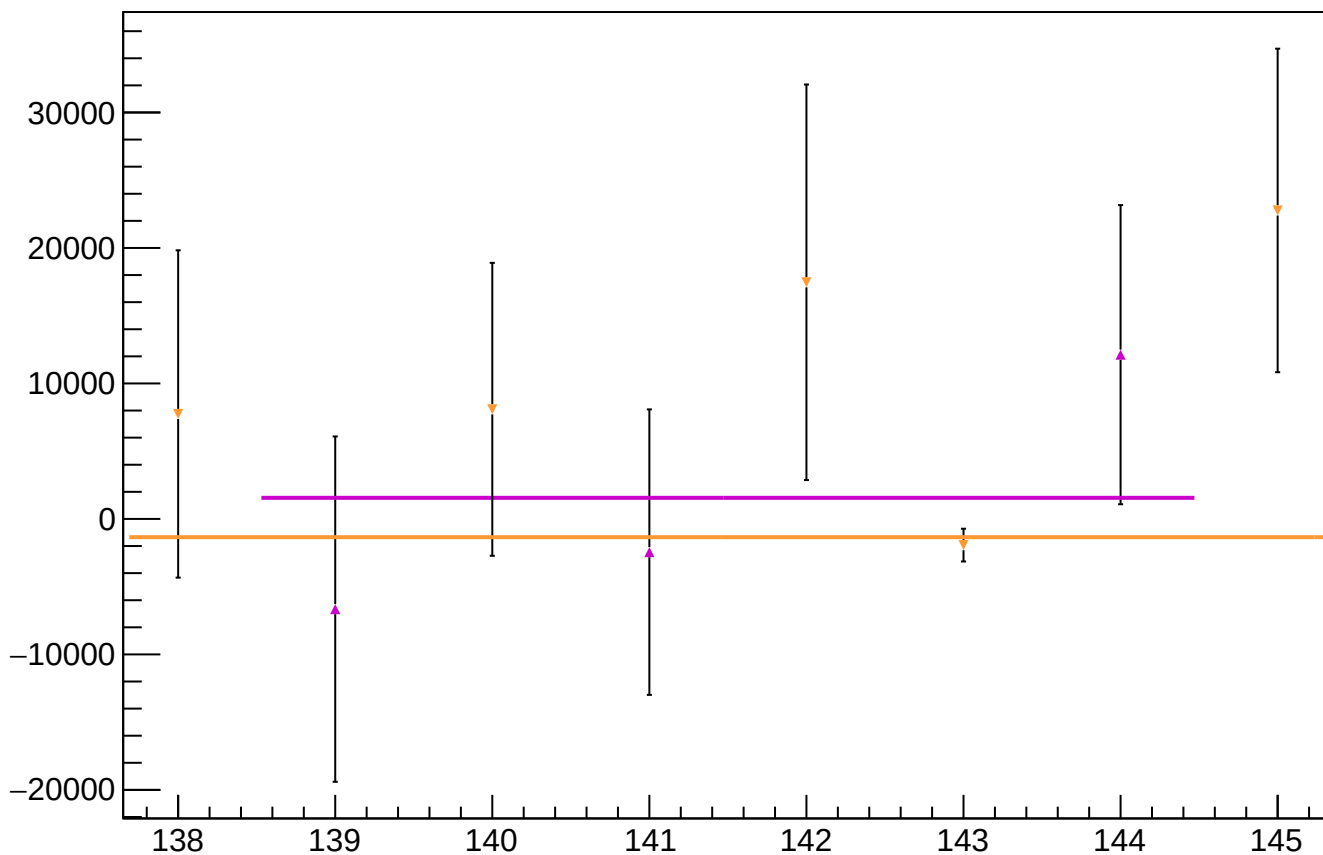
Right: 2210.398+/-0.434 χ^2/NDF : 1453492.9/35

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

Out: 2414.645+/-0.555 χ^2/NDF :1823178.9/23

All: 2404.037+/-0.401 χ^2/NDF : 3181652.0/43

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1347.244+/-1185.419 χ^2/NDF : 7.3/4

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

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

Left: -1254.884+/-1166.423 χ^2/NDF : 9.0/7

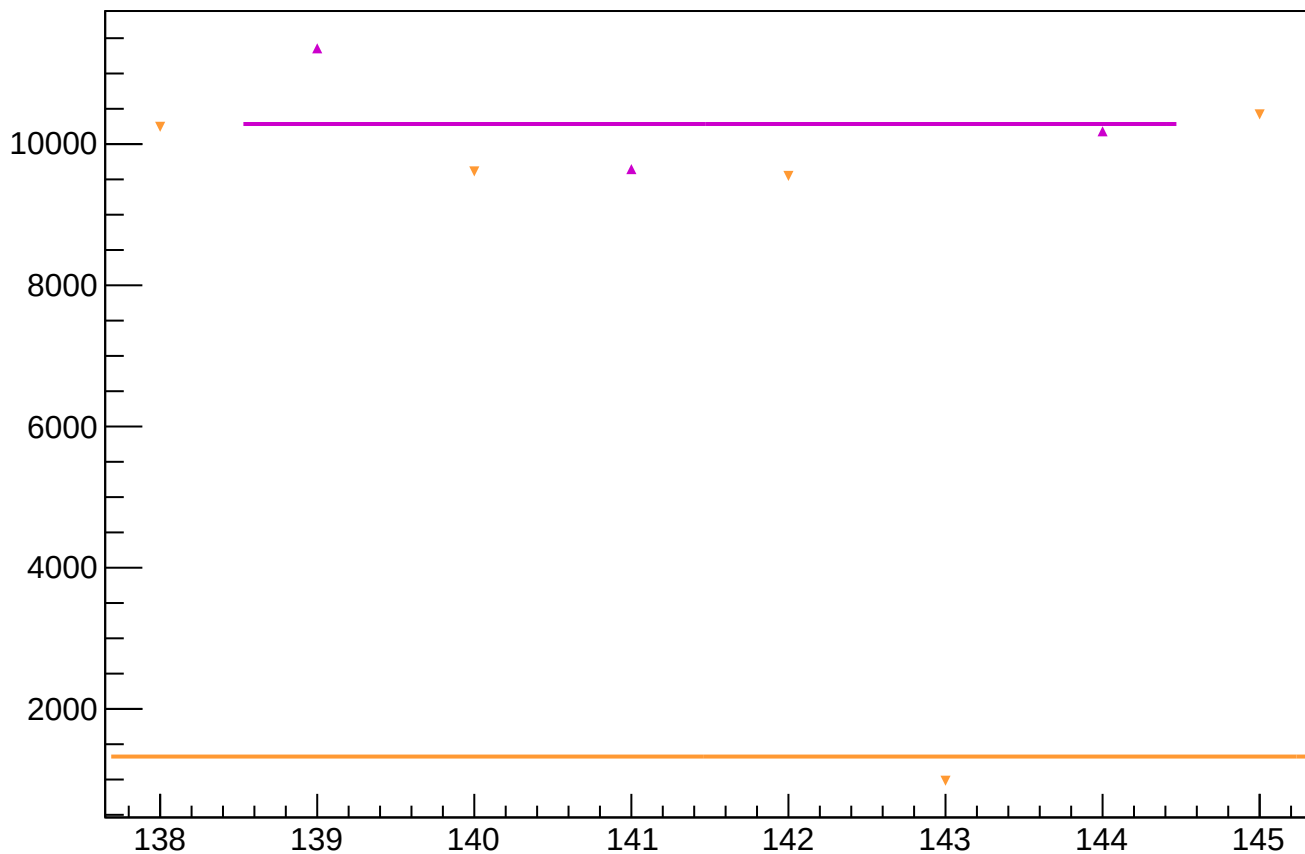
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Out: -1347.244+/-1185.419 χ^2/NDF : 7.3/4

All: -1254.884+/-1166.423 χ^2/NDF : 9.0/7

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1325.282+/-0.838 χ^2/NDF :4221549.0/4

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

Left In: 10284.641+/-4.626 χ^2/NDF :21677.1/2

Left: 1610.130+/-0.825 χ^2/NDF : 7875476.6/7

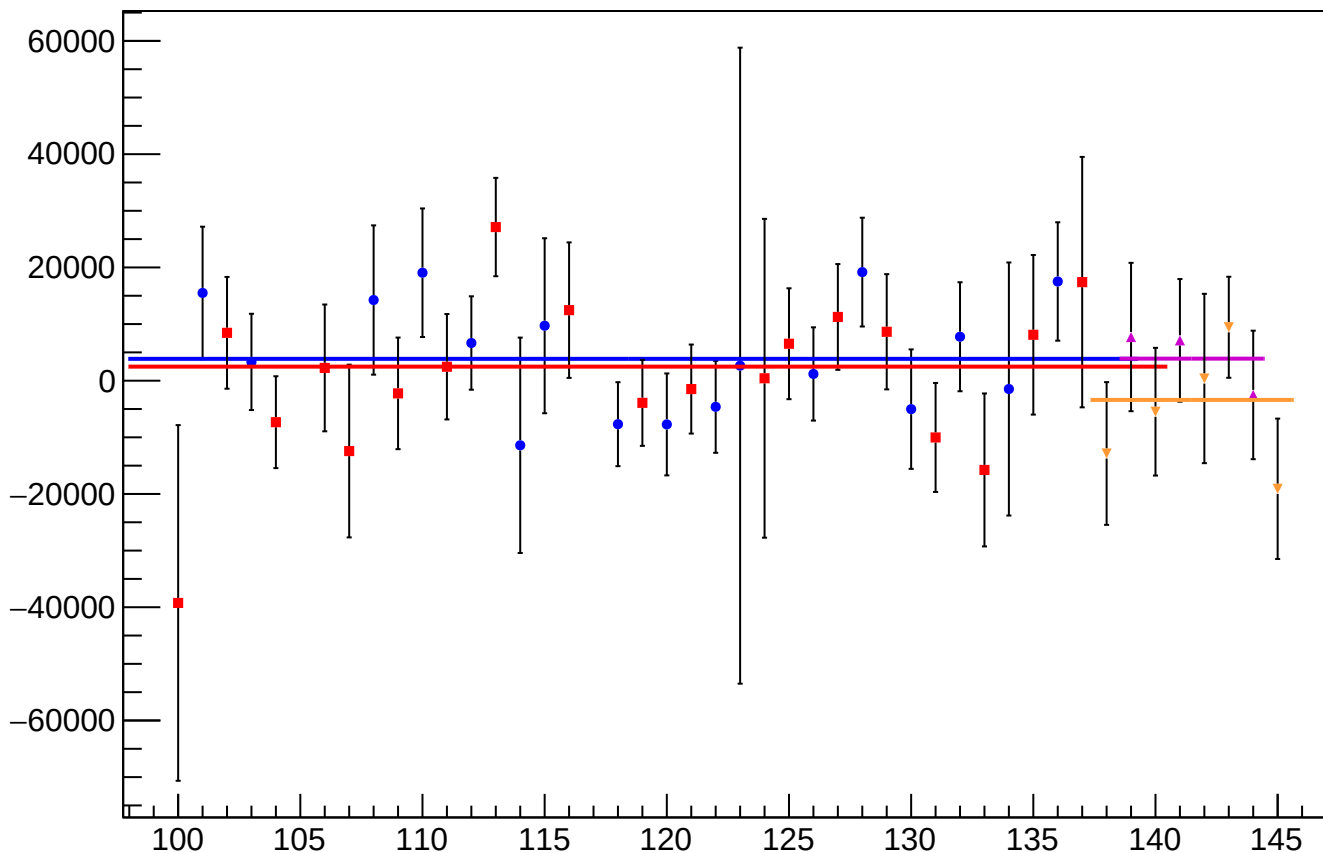
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10284.641+/-4.626 χ^2/NDF :21677.1/2

Out: 1325.282+/-0.838 χ^2/NDF :4221549.0/4

All: 1610.130+/-0.825 χ^2/NDF : 7875476.6/7

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866 $\pm$ 2508.782 χ^2 /NDF: 14.8/16

Left Out: -3394.548 $\pm$ 5149.590 χ^2 /NDF: 4.3/4

Right Out: 2482.925 $\pm$ 2421.310 χ^2 /NDF: 20.0/18

Left In: 3895.216 $\pm$ 6722.969 χ^2 /NDF: 0.5/2

Left: -699.049 $\pm$ 4088.123 χ^2 /NDF: 5.6/7

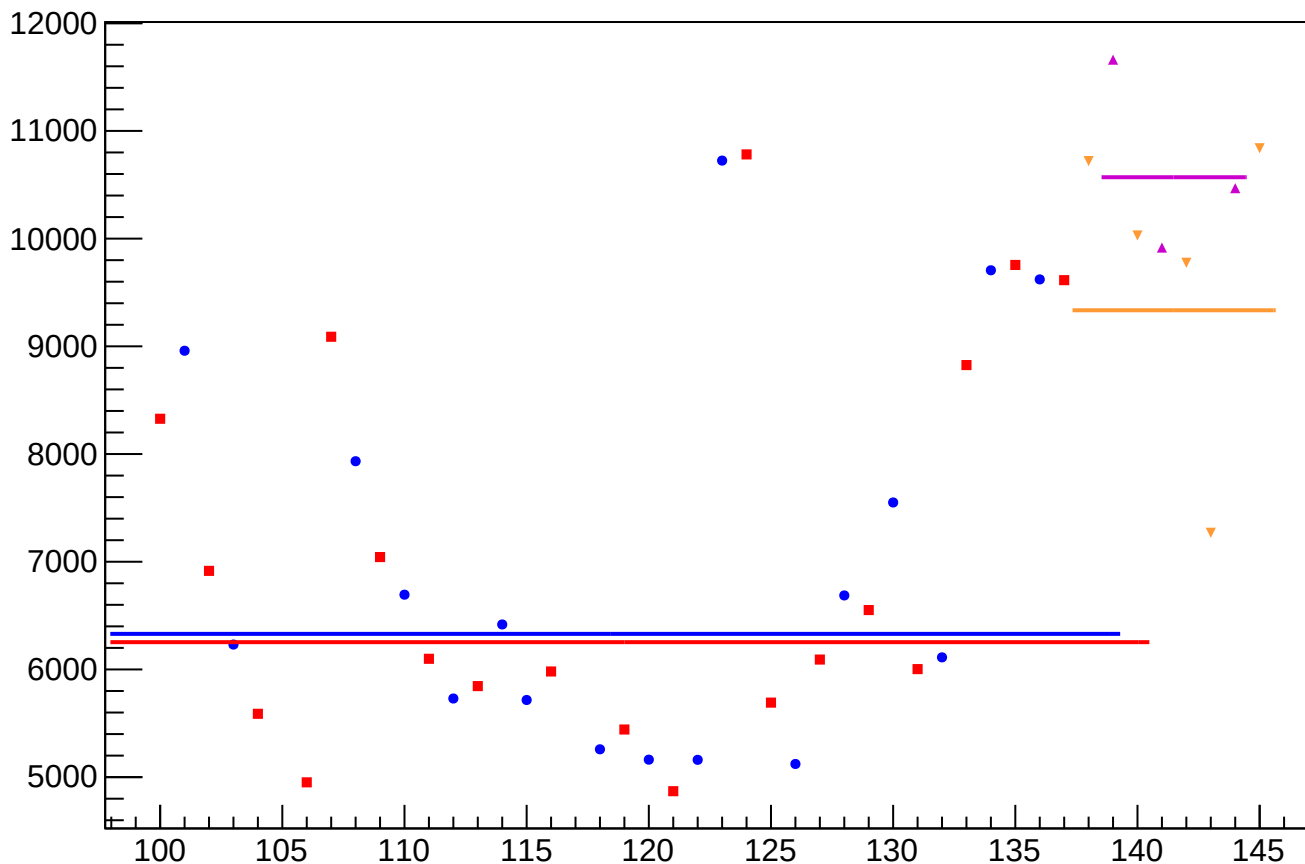
Right: 3146.972 $\pm$ 1742.228 χ^2 /NDF: 35.0/35

In: 3864.187 $\pm$ 2350.460 χ^2 /NDF: 15.3/19

Out: 1418.780 $\pm$ 2191.178 χ^2 /NDF: 25.4/23

All: 2555.825 $\pm$ 1602.751 χ^2 /NDF: 41.3/43

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291 $\pm$ 1.774 χ^2/NDF : 593395.6/16

Left Out: 9334.787 $\pm$ 3.641 χ^2/NDF :170153.8/4

Right Out: 6253.330 $\pm$ 1.712 χ^2/NDF : 535355.5/18

Left In: 10569.960 $\pm$ 4.754 χ^2/NDF :21325.5/2

Left: 9791.510 $\pm$ 2.891 χ^2/NDF : 234026.0/7

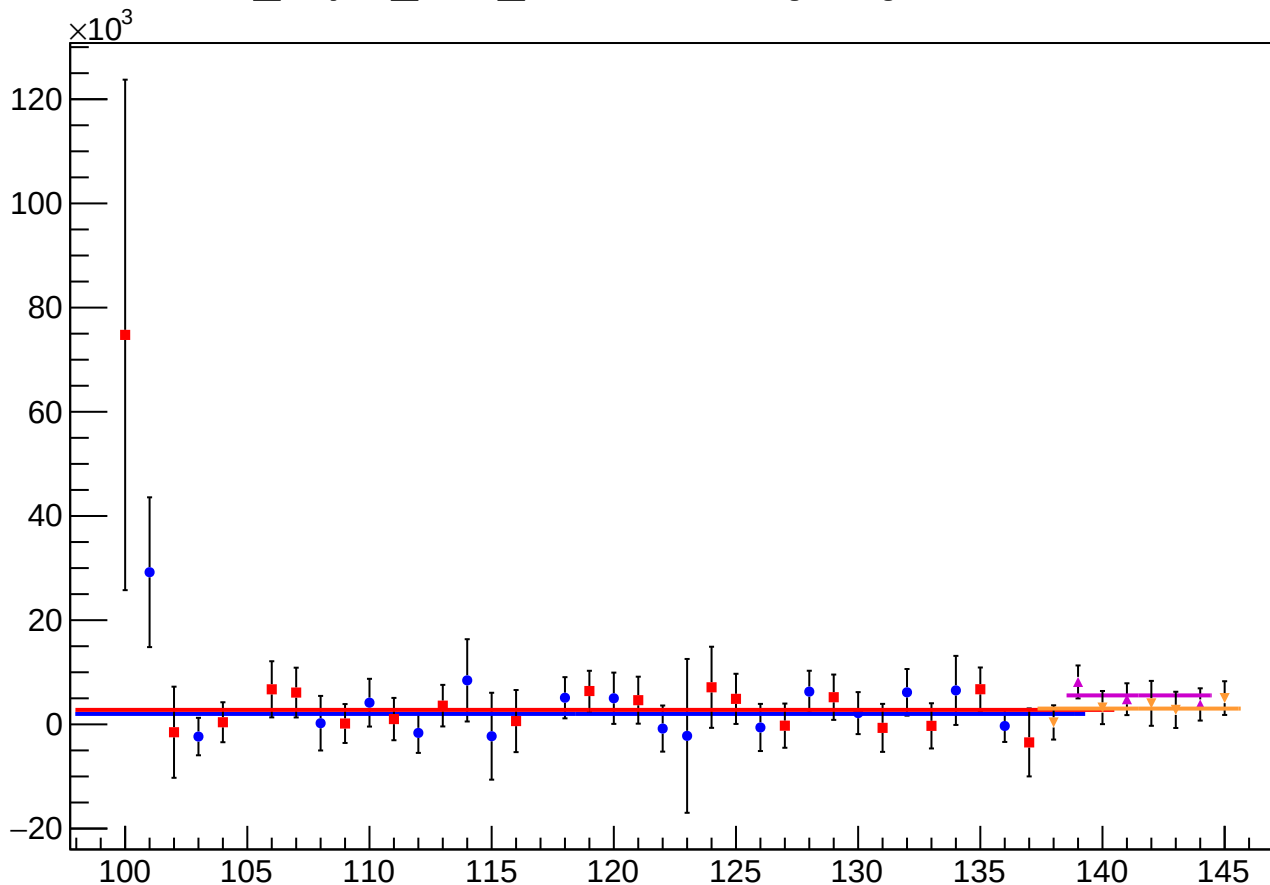
Right: 6290.444 $\pm$ 1.232 χ^2/NDF : 1129725.5/35

In: 6848.509 $\pm$ 1.662 χ^2/NDF :1312876.4/19

Out: 6811.201 $\pm$ 1.549 χ^2/NDF :1291996.7/23

All: 6828.547 $\pm$ 1.133 χ^2/NDF : 2605142.7/43

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF : 12.1/16

Left Out: 3029.524+/-1537.118 χ^2/NDF : 1.1/4

Right Out: 2781.006+/-1086.164 χ^2/NDF : 9.9/18

Left In: 5560.379+/-1791.854 χ^2/NDF : 1.0/2

Left: 4102.415+/-1166.667 χ^2/NDF : 3.3/7

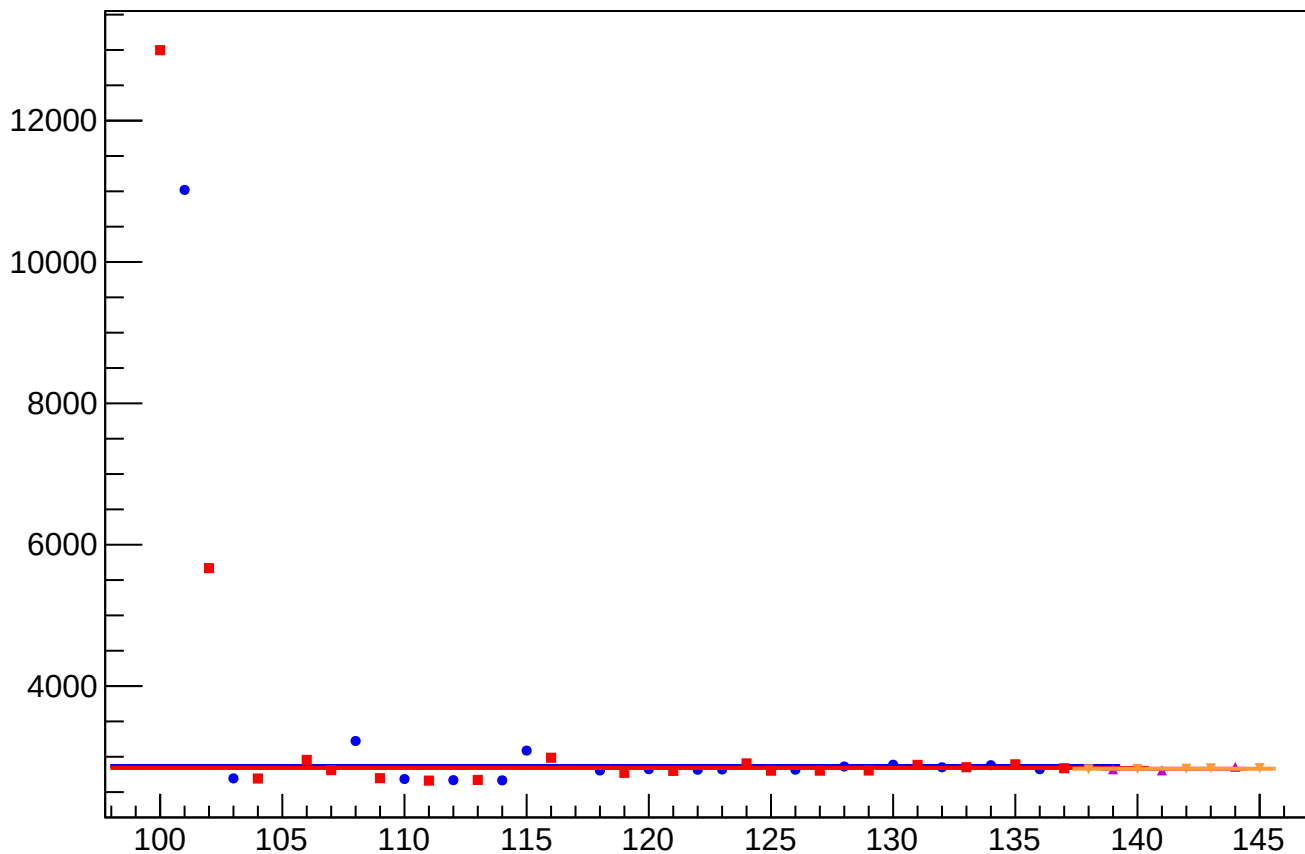
Right: 2409.980+/-784.479 χ^2/NDF : 22.2/35

In: 3022.340+/-958.373 χ^2/NDF : 15.9/19

Out: 2863.770+/-887.051 χ^2/NDF : 11.0/23

All: 2936.936+/-650.995 χ^2/NDF : 26.9/43

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

Left Out: 2830.695+/-1.087 χ^2/NDF :39.3/4

Right Out: 2841.561+/-0.768 χ^2/NDF : 312523.0/18

Left In: 2829.266+/-1.267 χ^2/NDF :282.2/2

Left: 2830.089+/-0.825 χ^2/NDF : 322.2/7

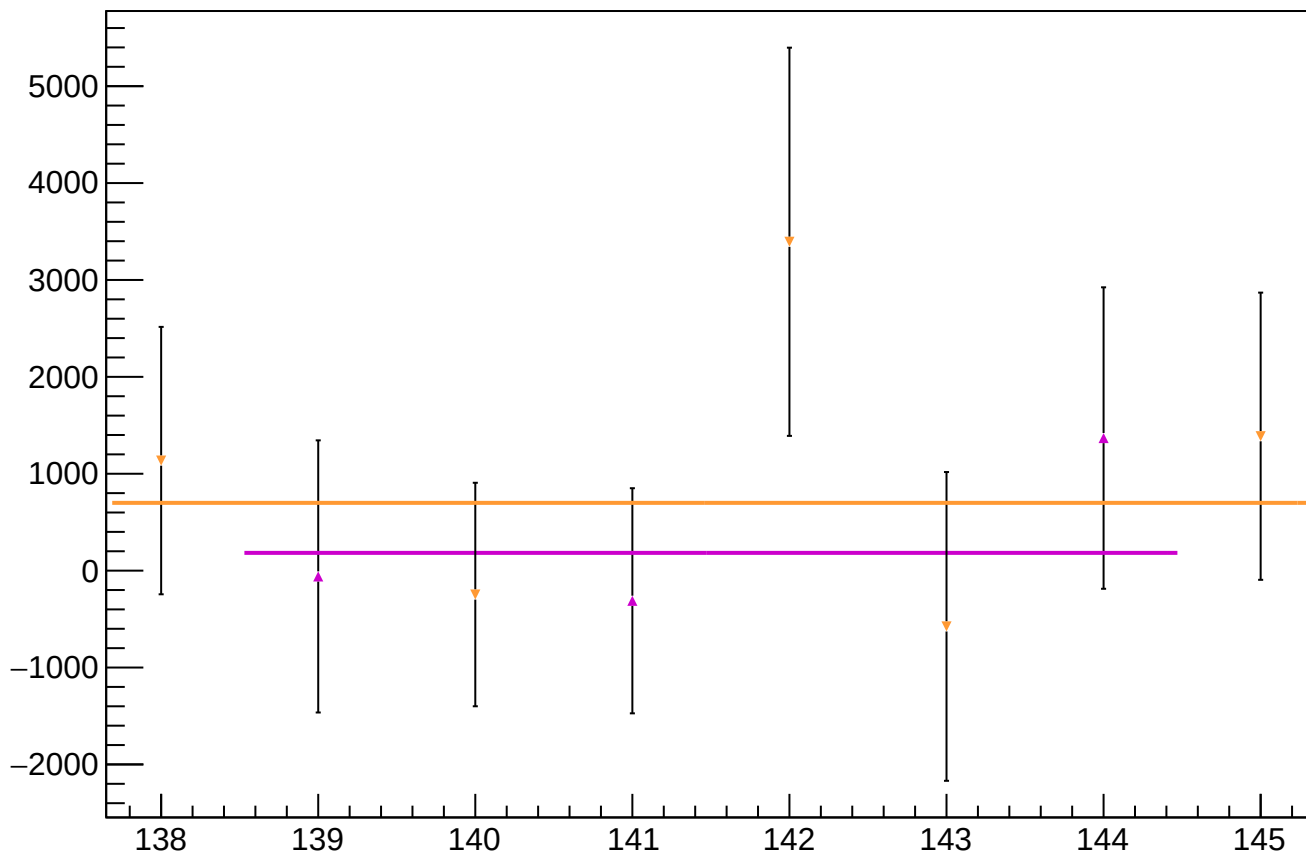
Right: 2854.781+/-0.555 χ^2/NDF : 983042.8/35

In: 2857.774+/-0.678 χ^2/NDF :670891.7/19

Out: 2837.942+/-0.627 χ^2/NDF :312629.0/23

All: 2847.093+/-0.460 χ^2/NDF : 983982.0/43

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 699.609+/-648.830 χ^2/NDF : 3.4/4

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

Left In: 183.432+/-775.856 χ^2/NDF : 0.8/2

Left: 487.180+/-497.724 χ^2/NDF : 4.5/7

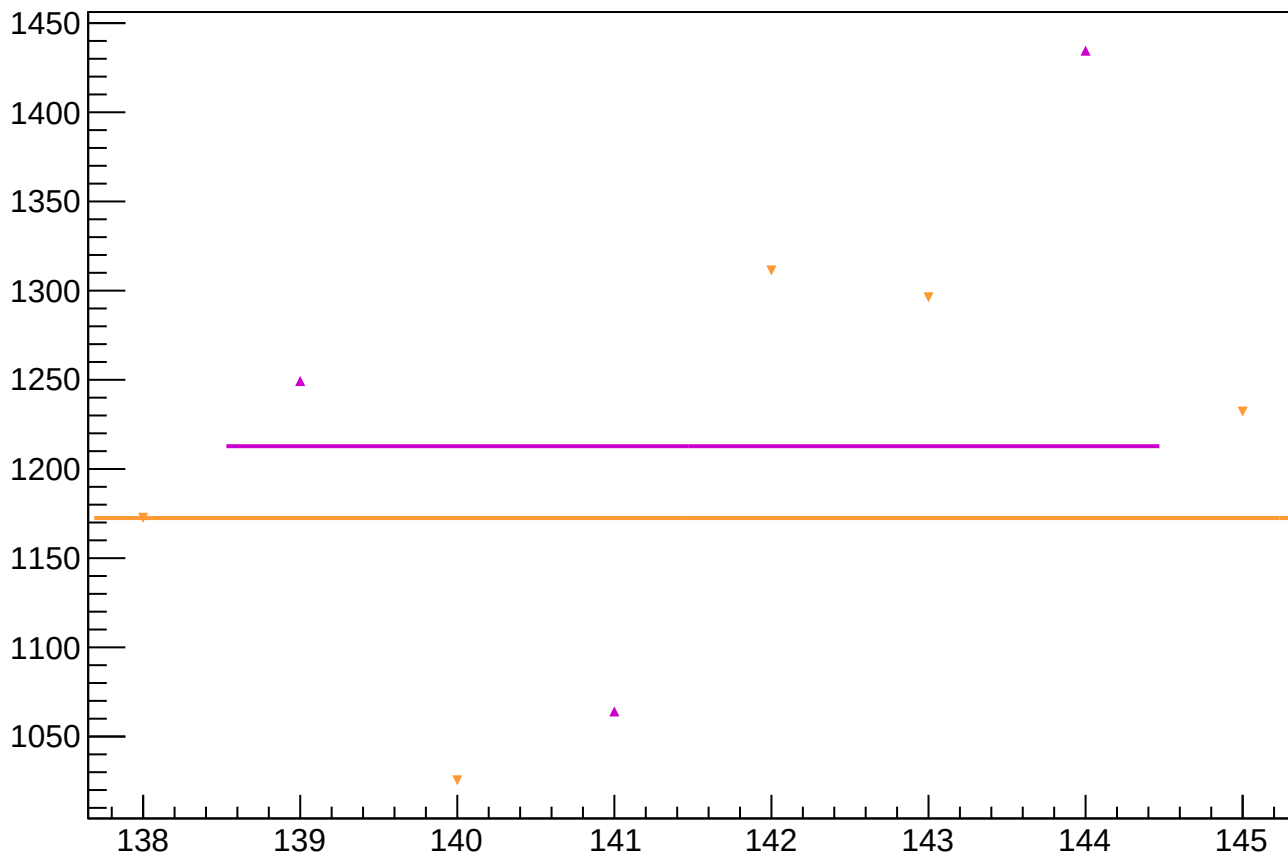
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 183.432+/-775.856 χ^2/NDF : 0.8/2

Out: 699.609+/-648.830 χ^2/NDF : 3.4/4

All: 487.180+/-497.724 χ^2/NDF : 4.5/7

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 1172.493+/-0.459 χ^2/NDF :57425.4/4

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

Left In: 1212.789+/-0.549 χ^2/NDF :74773.6/2

Left: 1189.077+/-0.352 χ^2/NDF : 135373.9/7

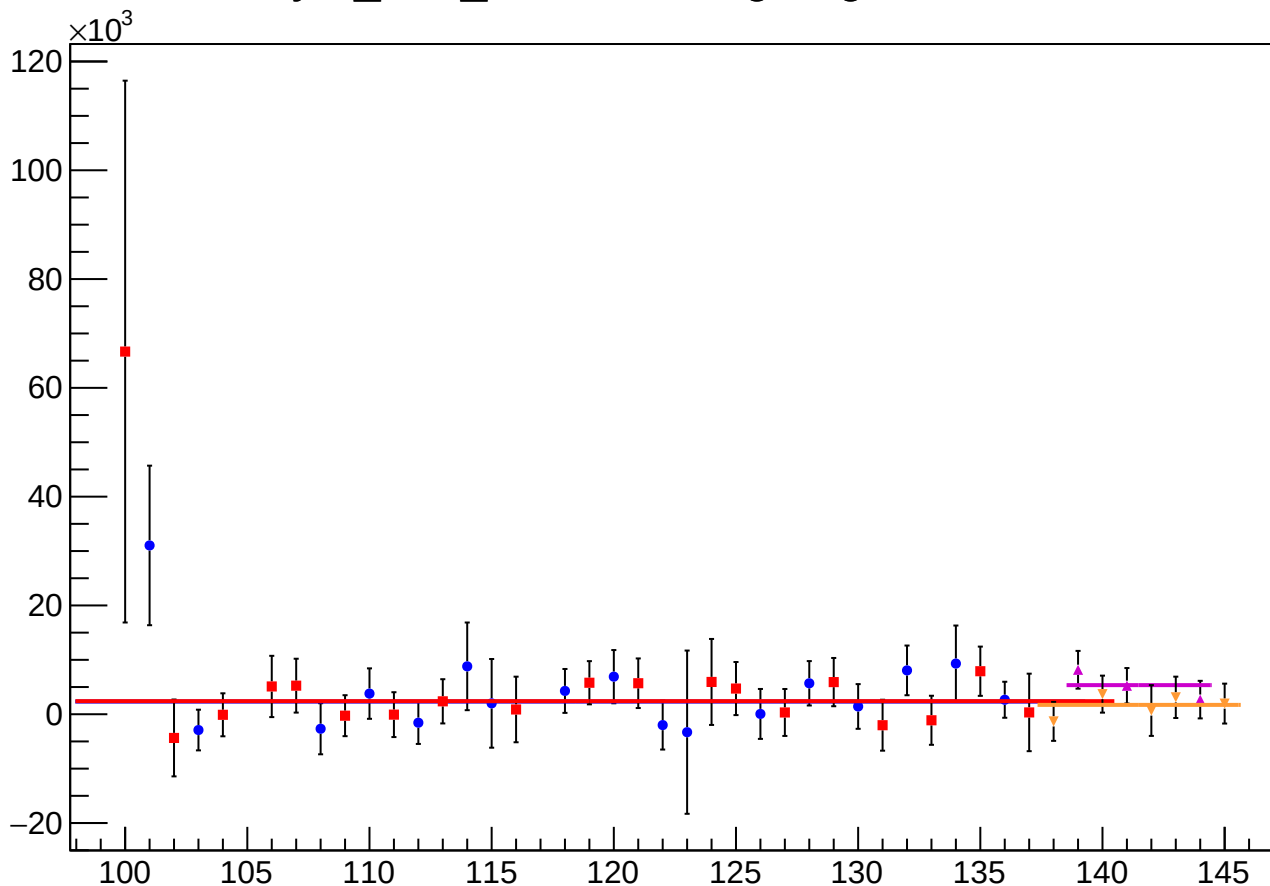
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1212.789+/-0.549 χ^2/NDF :74773.6/2

Out: 1172.493+/-0.459 χ^2/NDF :57425.4/4

All: 1189.077+/-0.352 χ^2/NDF : 135373.9/7

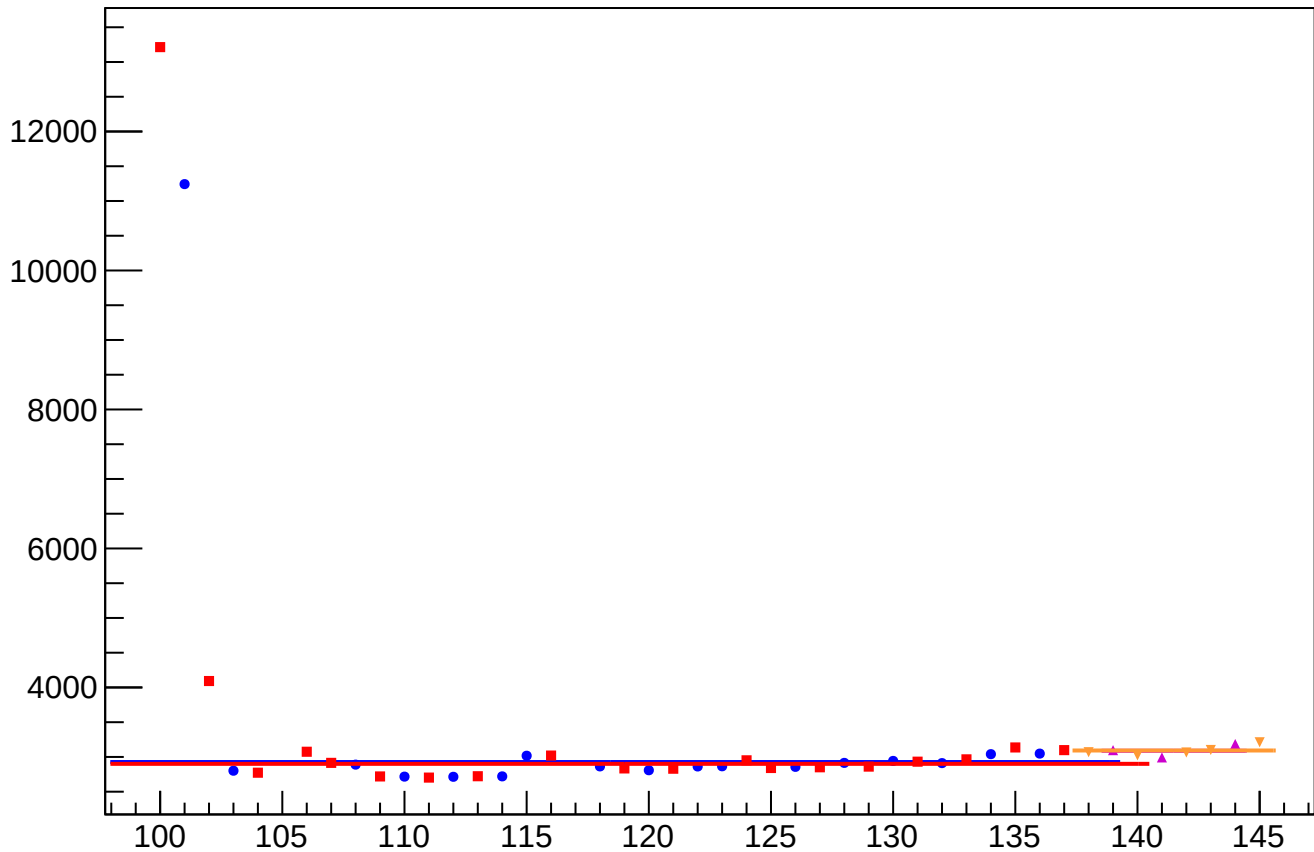
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134 $\pm$ 1156.555 χ^2 /NDF: 14.4/16
 Left Out: 1718.852 $\pm$ 1680.699 χ^2 /NDF:1.2/4
 Right Out: 2403.750 $\pm$ 1110.093 χ^2 /NDF: 10.1/18
 Left In: 5350.524 $\pm$ 1956.991 χ^2 /NDF:1.3/2

Left: 3260.435 $\pm$ 1275.026 χ^2 /NDF: 4.5/7
 Right: 2368.450 $\pm$ 800.876 χ^2 /NDF: 24.5/35
 In: 3111.978 $\pm$ 995.675 χ^2 /NDF:17.4/19
 Out: 2195.716 $\pm$ 926.283 χ^2 /NDF:11.4/23
 All: 2620.809 $\pm$ 678.187 χ^2 /NDF: 29.3/43

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 3092.830+/-1.188 χ^2/NDF : 3113.8/4

Right Out: 2900.827+/-0.785 χ^2/NDF : 169866.6/18

Left In: 3088.428+/-1.384 χ^2/NDF : 3323.2/2

Left: 3090.961+/-0.902 χ^2/NDF : 6442.9/7

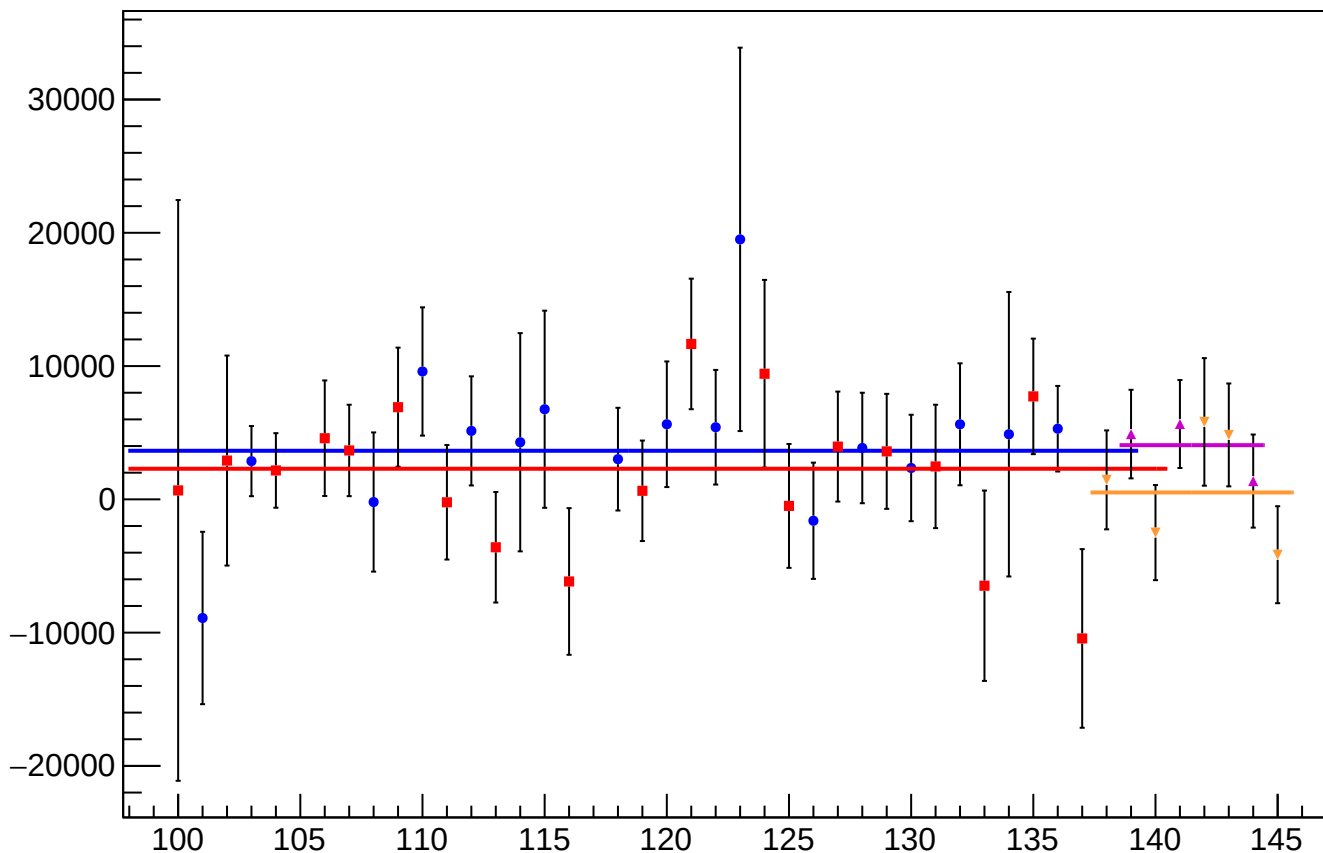
Right: 2913.190+/-0.566 χ^2/NDF : 833178.3/35

In: 2968.498+/-0.704 χ^2/NDF : 676252.1/19

Out: 2959.147+/-0.655 χ^2/NDF : 191153.8/23

All: 2963.485+/-0.480 χ^2/NDF : 867500.4/43

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268 $\pm$ 1091.486 χ^2/NDF : 9.9/16

Left Out: 517.103 $\pm$ 1721.393 χ^2/NDF : 4.9/4

Right Out: 2295.846 $\pm$ 1046.865 χ^2/NDF : 18.4/18

Left In: 4065.858 $\pm$ 1944.561 χ^2/NDF : 0.9/2

Left: 2076.245 $\pm$ 1288.921 χ^2/NDF : 7.7/7

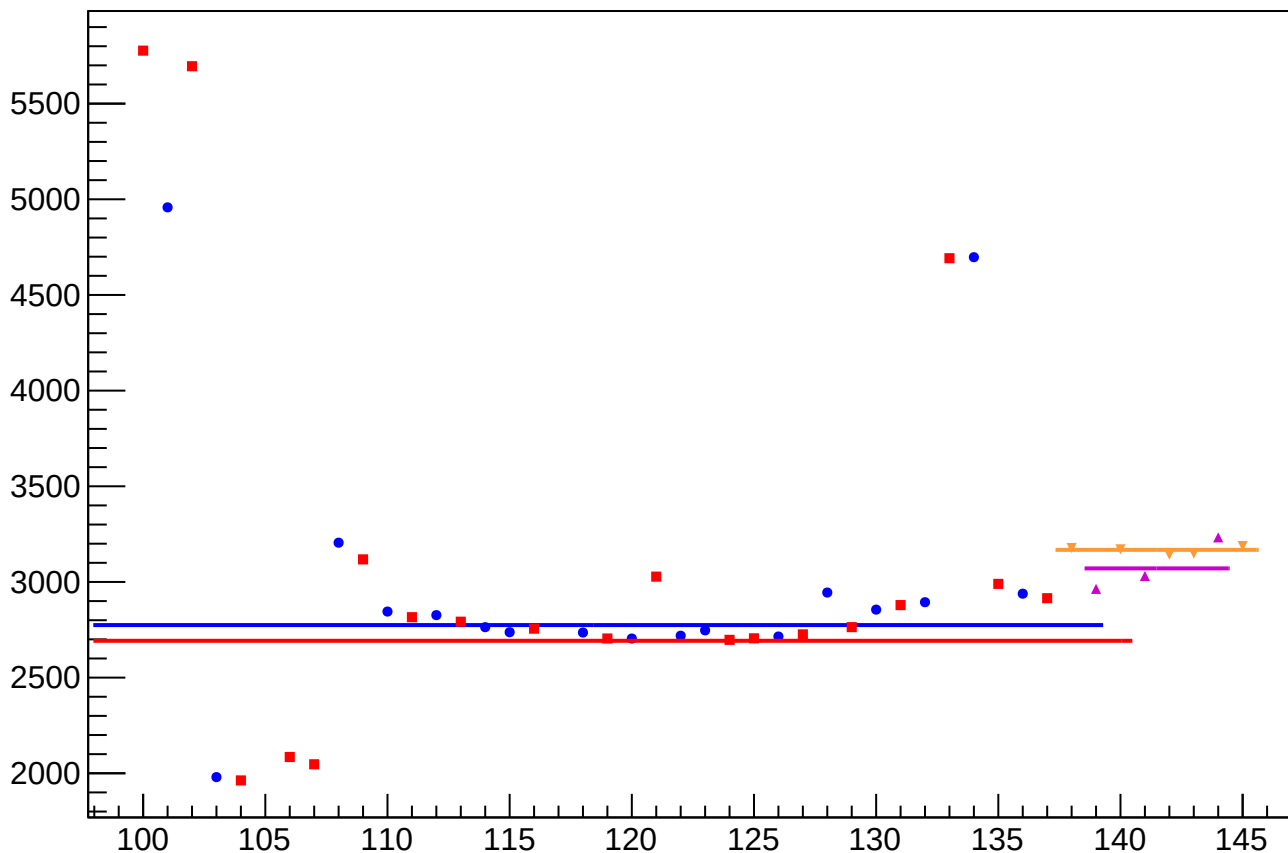
Right: 2942.410 $\pm$ 755.528 χ^2/NDF : 29.1/35

In: 3746.032 $\pm$ 951.799 χ^2/NDF : 10.8/19

Out: 1815.601 $\pm$ 894.447 χ^2/NDF : 24.1/23

All: 2720.907 $\pm$ 651.802 χ^2/NDF : 37.1/43

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617 $\pm$ 0.772 χ^2 /NDF: 501680.3/16

Left Out: 3167.734 $\pm$ 1.217 χ^2 /NDF:180.7/4

Right Out: 2692.509 $\pm$ 0.740 χ^2 /NDF: 780267.3/18

Left In: 3070.810 $\pm$ 1.375 χ^2 /NDF:6676.6/2

Left: 3125.150 $\pm$ 0.911 χ^2 /NDF: 9643.0/7

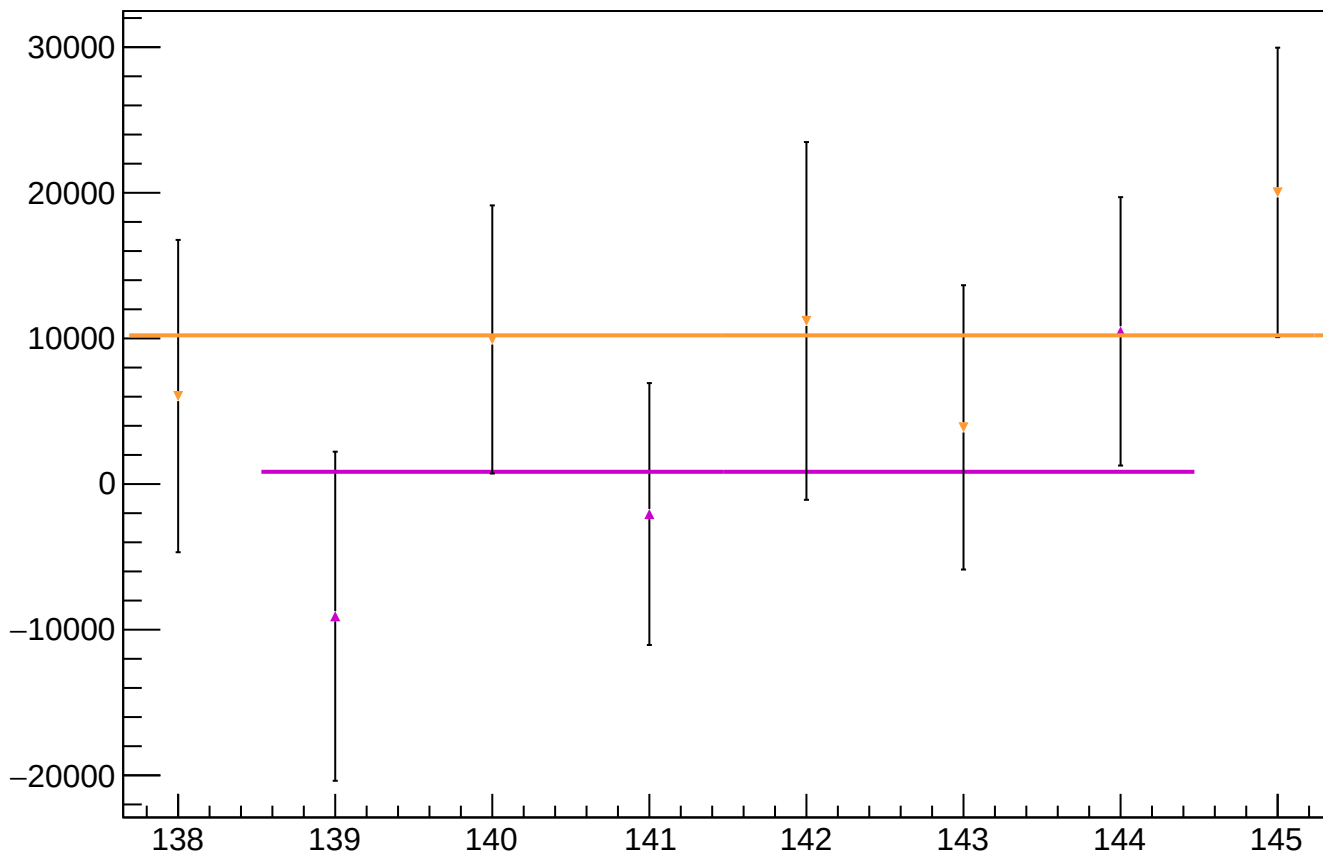
Right: 2731.837 $\pm$ 0.534 χ^2 /NDF: 1287844.4/35

In: 2845.579 $\pm$ 0.673 χ^2 /NDF:543641.9/19

Out: 2820.755 $\pm$ 0.632 χ^2 /NDF:891741.8/23

All: 2832.393 $\pm$ 0.461 χ^2 /NDF: 1436106.4/43

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 10212.721+/-4576.477 χ^2/NDF :1.6/4

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

Left In: 842.450+/-5592.160 χ^2/NDF :2.0/2

Left: 6454.279+/-3541.665 χ^2/NDF : 5.2/7

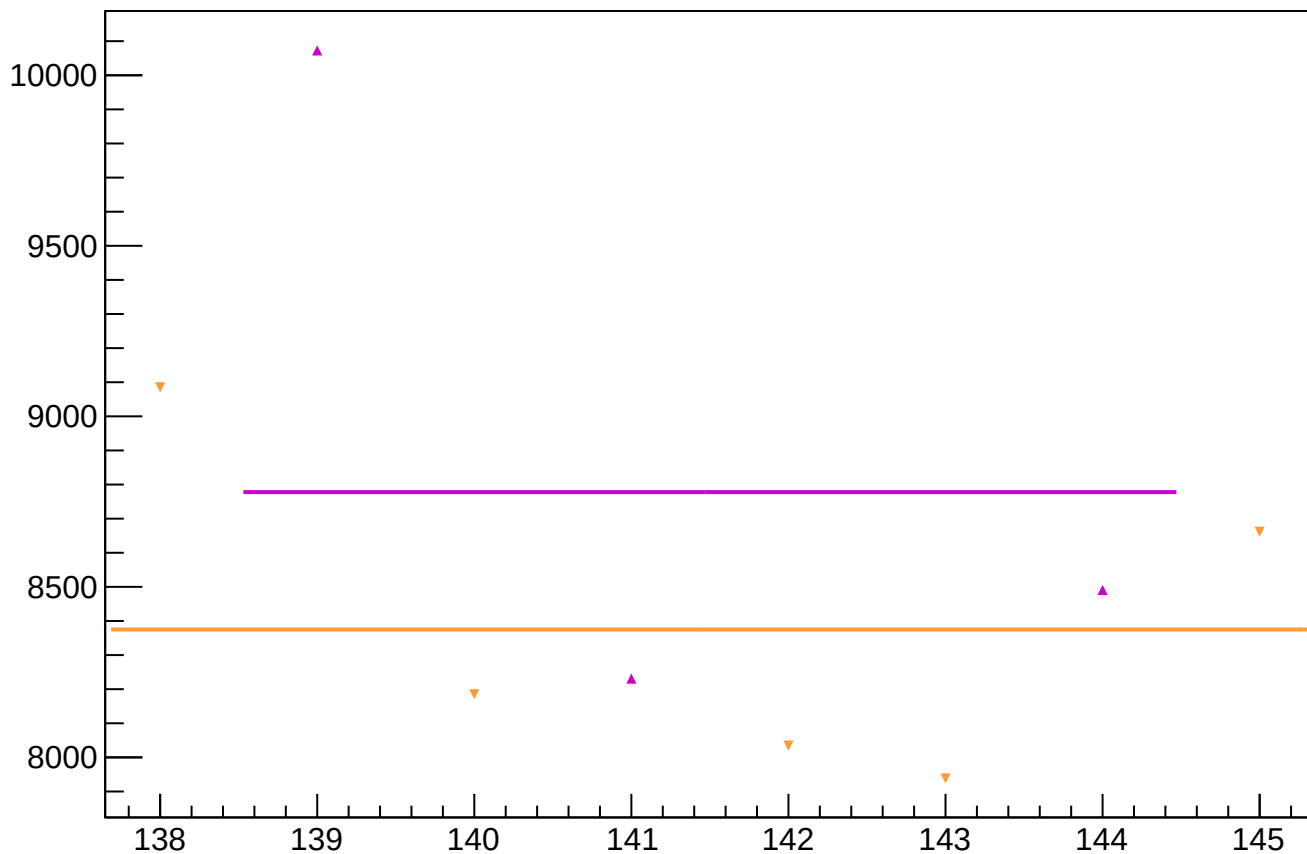
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 842.450+/-5592.160 χ^2/NDF :2.0/2

Out: 10212.721+/-4576.477 χ^2/NDF :1.6/4

All: 6454.279+/-3541.665 χ^2/NDF : 5.2/7

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8374.952+/-3.236 χ^2/NDF :16827.3/4

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

Left In: 8777.863+/-3.954 χ^2/NDF :35612.0/2

Left: 8536.561+/-2.504 χ^2/NDF : 58657.1/7

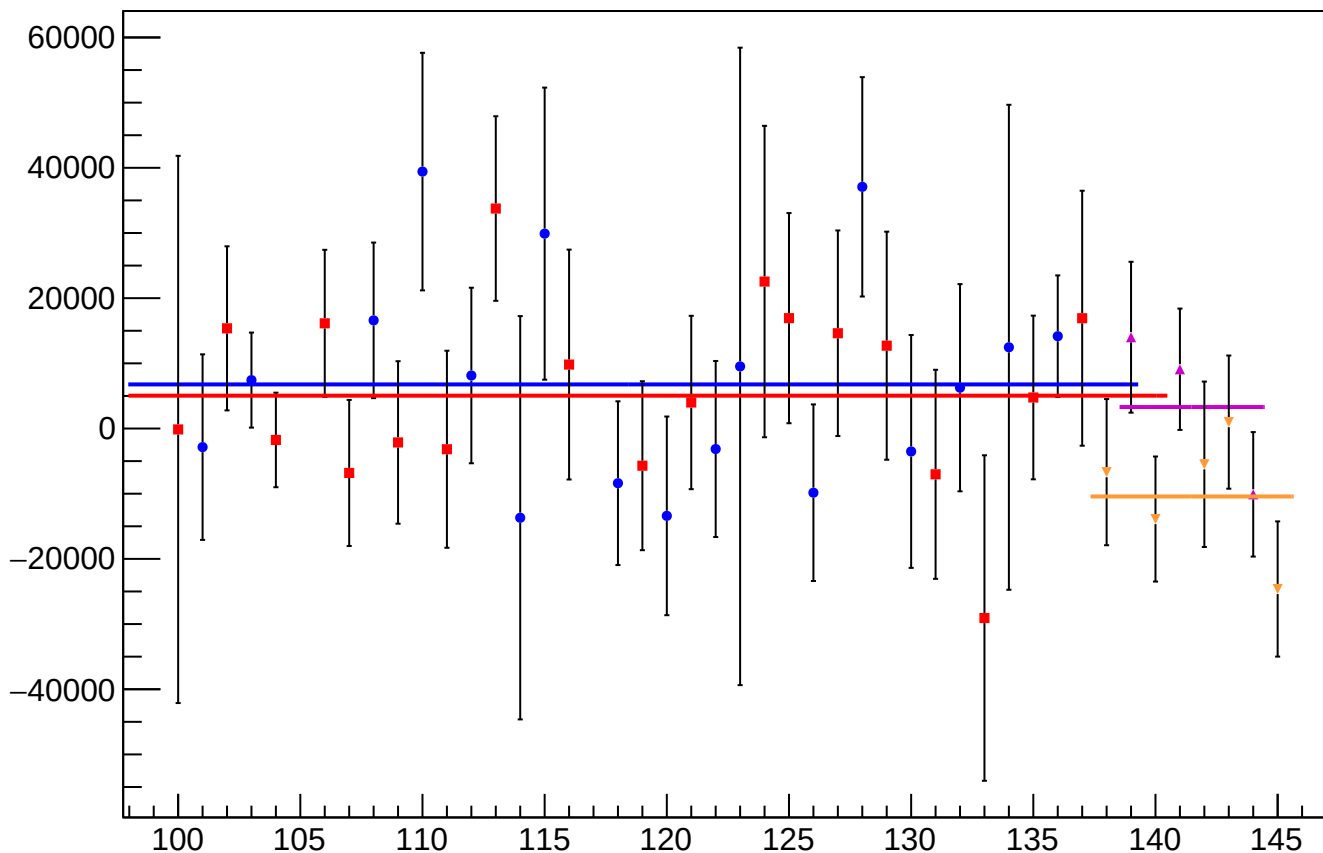
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8777.863+/-3.954 χ^2/NDF :35612.0/2

Out: 8374.952+/-3.236 χ^2/NDF :16827.3/4

All: 8536.561+/-2.504 χ^2/NDF : 58657.1/7

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -10423.014+/-4772.986 χ^2/NDF : 3.5/4

Right Out: 5041.440+/-3167.616 χ^2/NDF : 13.6/18

Left In: 3296.327+/-5775.887 χ^2/NDF : 3.2/2

Left: -4855.983+/-3679.289 χ^2/NDF : 10.1/7

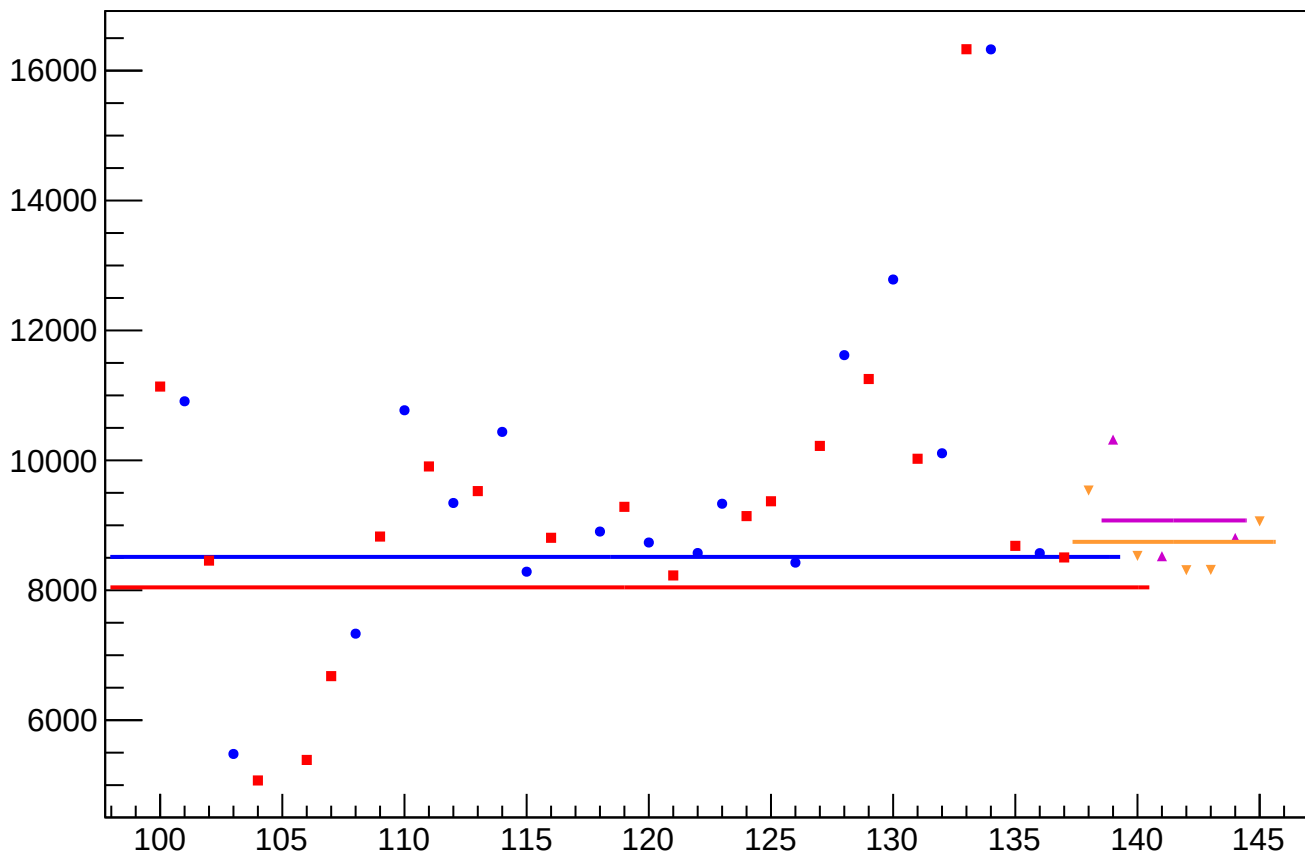
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 5879.169+/-2921.797 χ^2/NDF : 18.8/19

Out: 312.925+/-2639.279 χ^2/NDF : 24.4/23

All: 2813.994+/-1958.537 χ^2/NDF : 45.2/43

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665 $\pm$ 2.395 χ^2/NDF : 762614.5/16

Left Out: 8745.564 $\pm$ 3.375 χ^2/NDF : 18735.7/4

Right Out: 8044.739 $\pm$ 2.240 χ^2/NDF : 952310.5/18

Left In: 9074.726 $\pm$ 4.084 χ^2/NDF : 31724.3/2

Left: 8879.131 $\pm$ 2.602 χ^2/NDF : 54319.8/7

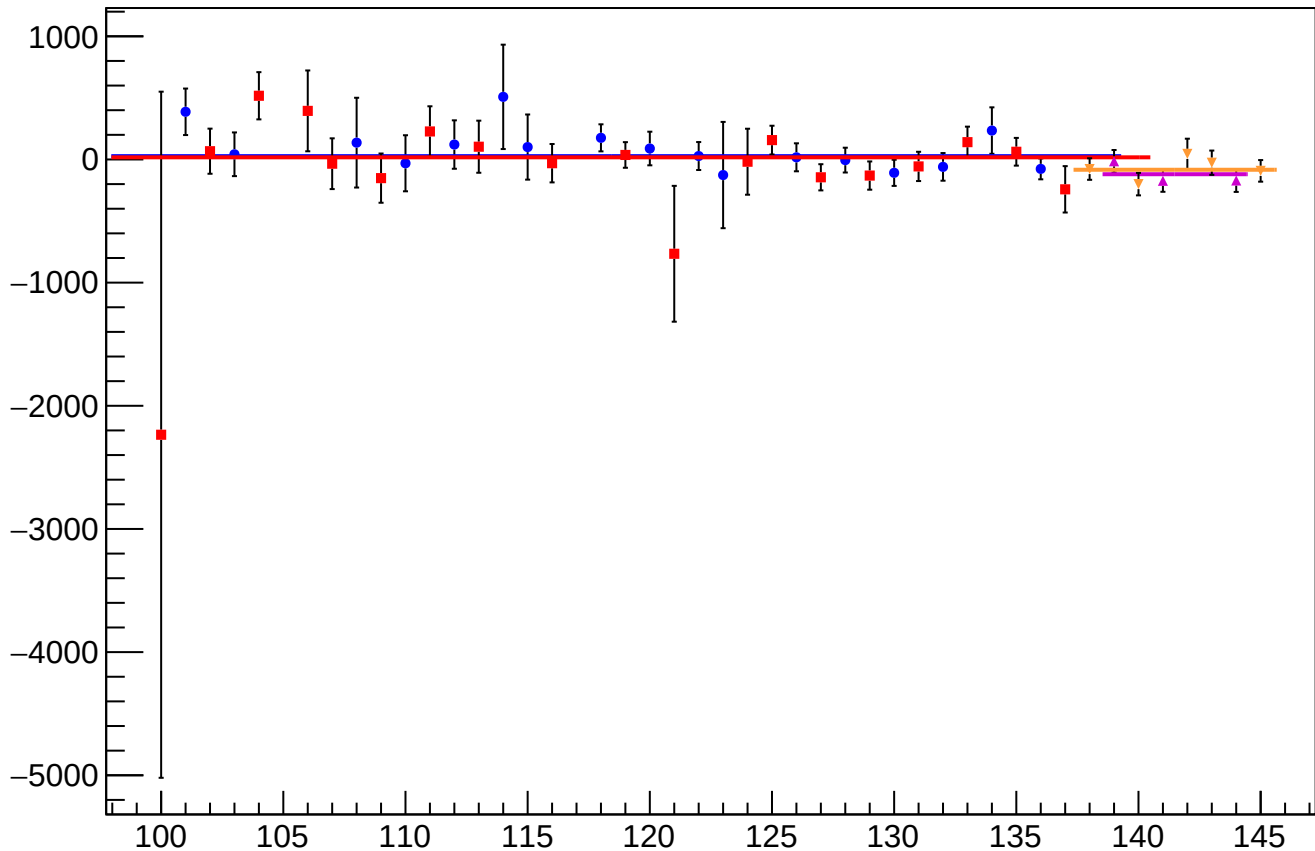
Right: 8263.507 $\pm$ 1.636 χ^2/NDF : 1735374.5/35

In: 8657.238 $\pm$ 2.066 χ^2/NDF : 808381.3/19

Out: 8259.017 $\pm$ 1.866 χ^2/NDF : 1000981.5/23

All: 8437.944 $\pm$ 1.385 χ^2/NDF : 1829821.7/43

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932 ± 34.029 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -83.539 ± 42.692 $\chi^2/\text{NDF}: 3.1/4$

Right Out: 17.368 ± 35.548 $\chi^2/\text{NDF}: 21.9/18$

Left In: -119.775 ± 52.653 $\chi^2/\text{NDF}: 2.0/2$

Left: -97.912 ± 33.161 $\chi^2/\text{NDF}: 5.3/7$

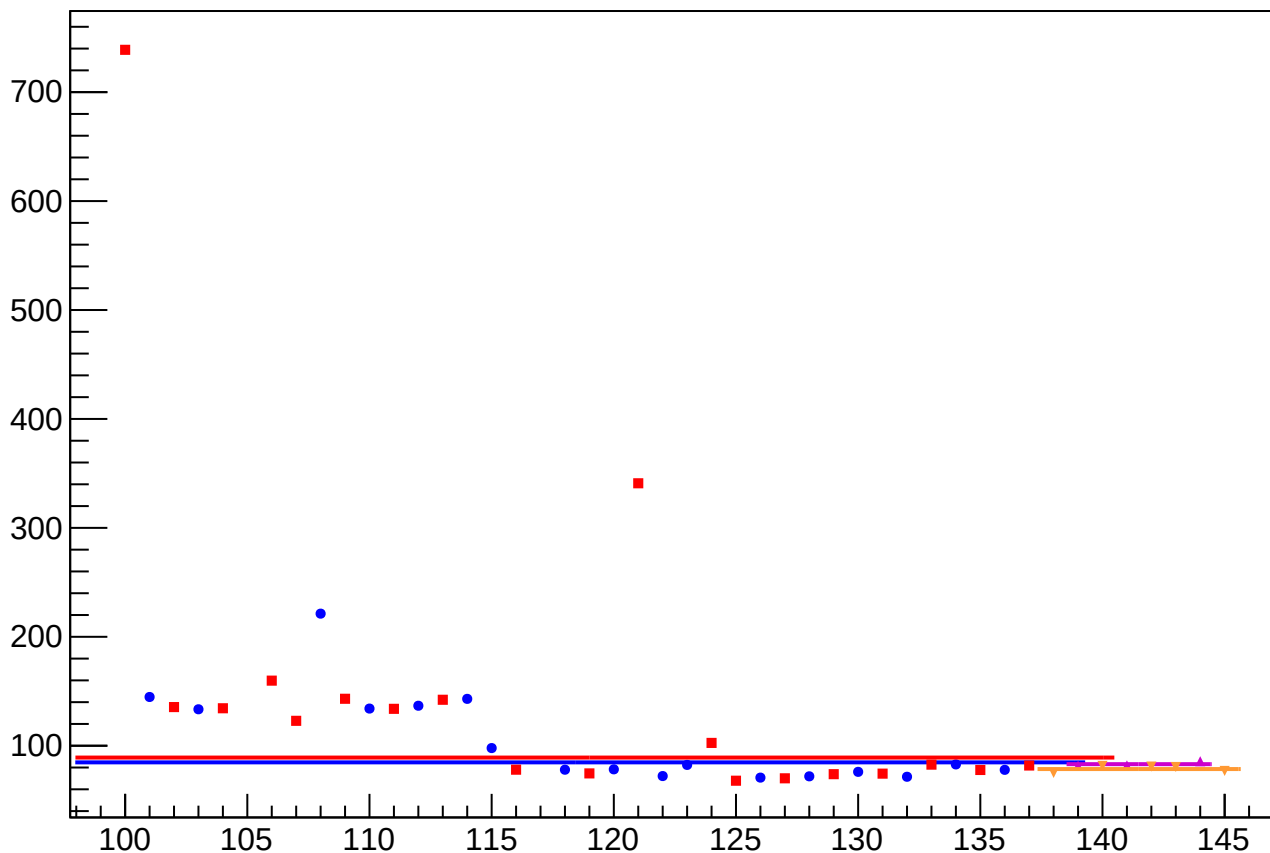
Right: 22.359 ± 24.581 $\chi^2/\text{NDF}: 34.5/35$

In: -16.291 ± 28.580 $\chi^2/\text{NDF}: 20.1/19$

Out: -23.948 ± 27.317 $\chi^2/\text{NDF}: 28.2/23$

All: -20.292 ± 19.747 $\chi^2/\text{NDF}: 48.3/43$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737 $\pm$ 0.024 χ^2 /NDF: 1064420.0/16

Left Out: 78.593 $\pm$ 0.030 χ^2 /NDF: 7579.7/4

Right Out: 89.143 $\pm$ 0.025 χ^2 /NDF: 1559269.8/18

Left In: 83.082 $\pm$ 0.037 χ^2 /NDF: 2511.2/2

Left: 80.374 $\pm$ 0.023 χ^2 /NDF: 18859.9/7

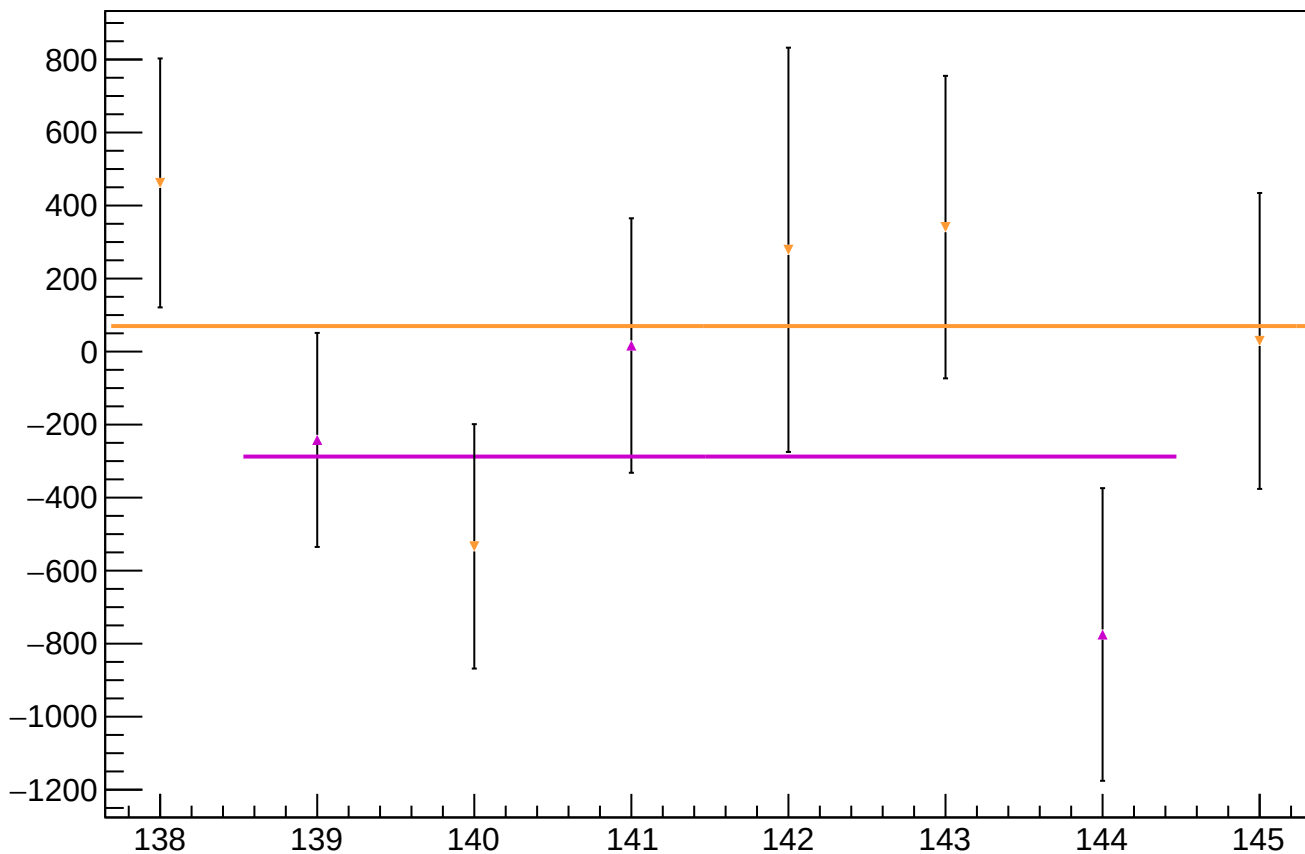
Right: 86.844 $\pm$ 0.017 χ^2 /NDF: 2639723.0/35

In: 84.249 $\pm$ 0.020 χ^2 /NDF: 1068325.7/19

Out: 84.823 $\pm$ 0.019 χ^2 /NDF: 1638976.7/23

All: 84.549 $\pm$ 0.014 χ^2 /NDF: 2707724.2/43

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 69.870 $\pm$ 174.857 χ^2 /NDF:5.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -287.525 $\pm$ 195.750 χ^2 /NDF:2.3/2

Left: -88.743 $\pm$ 130.406 χ^2 /NDF: 9.3/7

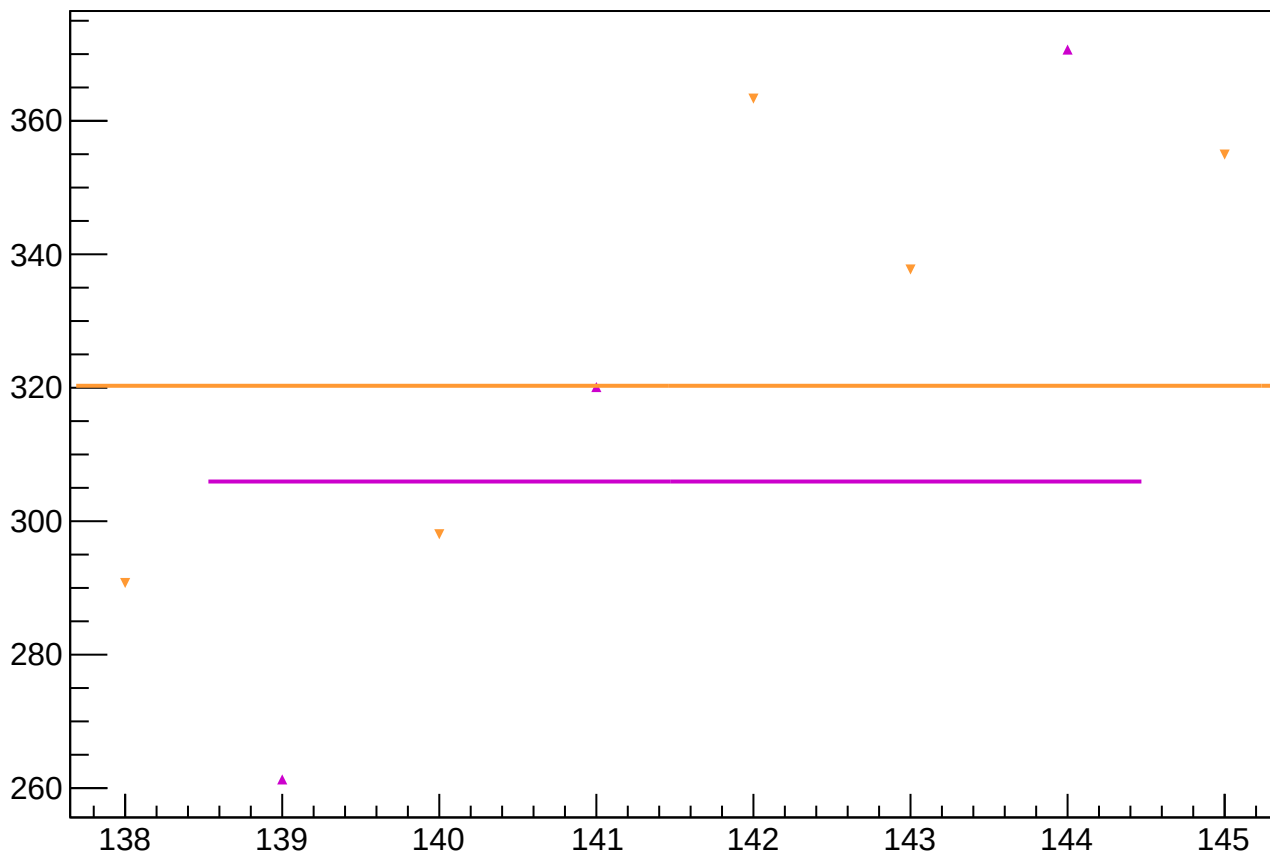
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -287.525 $\pm$ 195.750 χ^2 /NDF:2.3/2

Out: 69.870 $\pm$ 174.857 χ^2 /NDF:5.2/4

All: -88.743 $\pm$ 130.406 χ^2 /NDF: 9.3/7

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 320.297 ± 0.124 $\chi^2/\text{NDF}: 54113.0/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 305.948 ± 0.138 $\chi^2/\text{NDF}: 101873.7/2$

Left: 313.929 ± 0.092 $\chi^2/\text{NDF}: 161963.3/7$

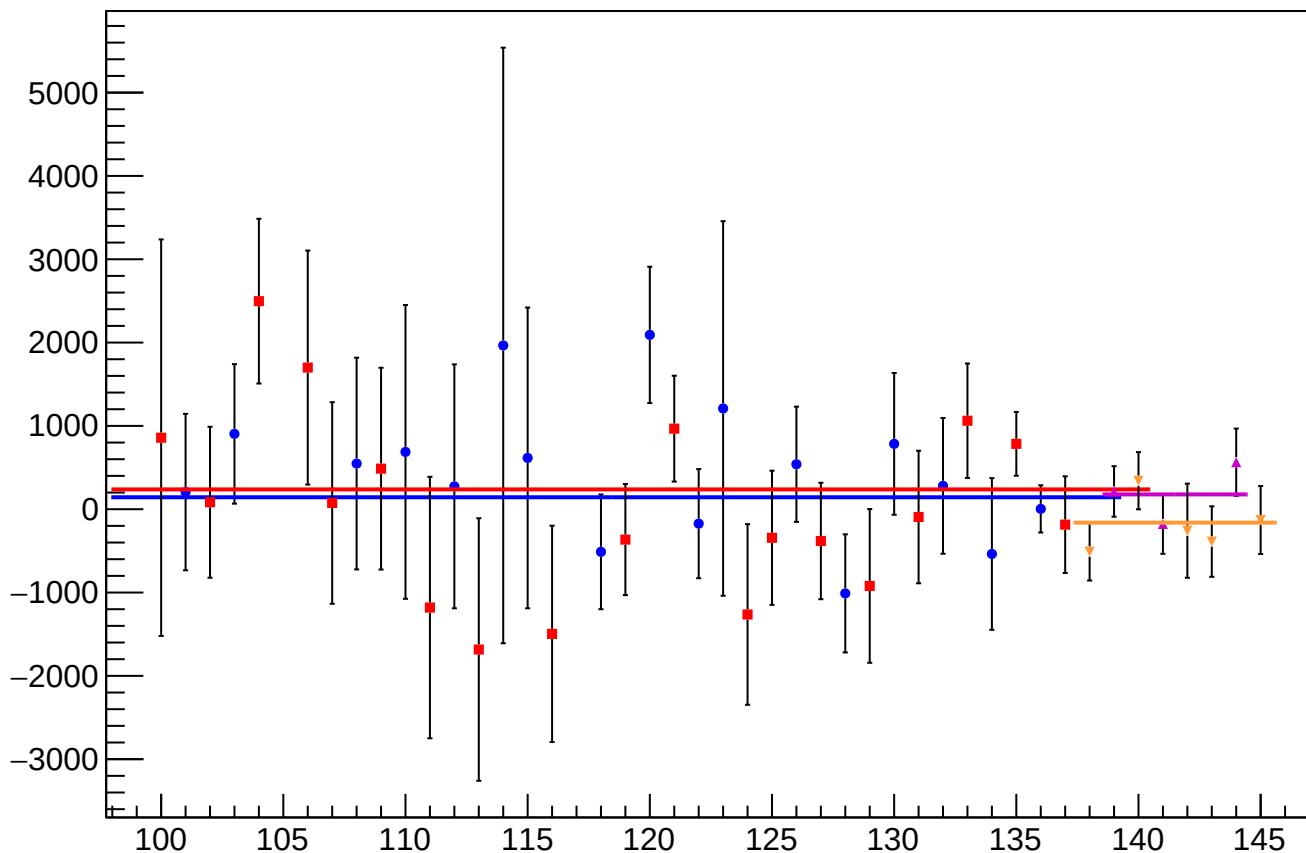
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 305.948 ± 0.138 $\chi^2/\text{NDF}: 101873.7/2$

Out: 320.297 ± 0.124 $\chi^2/\text{NDF}: 54113.0/4$

All: 313.929 ± 0.092 $\chi^2/\text{NDF}: 161963.3/7$

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF : 12.8/16

Left Out: -161.131+/-178.112 χ^2/NDF : 3.5/4

Right Out: 237.821+/-183.995 χ^2/NDF : 21.7/18

Left In: 177.581+/-200.957 χ^2/NDF : 1.9/2

Left: -12.114+/-133.293 χ^2/NDF : 7.0/7

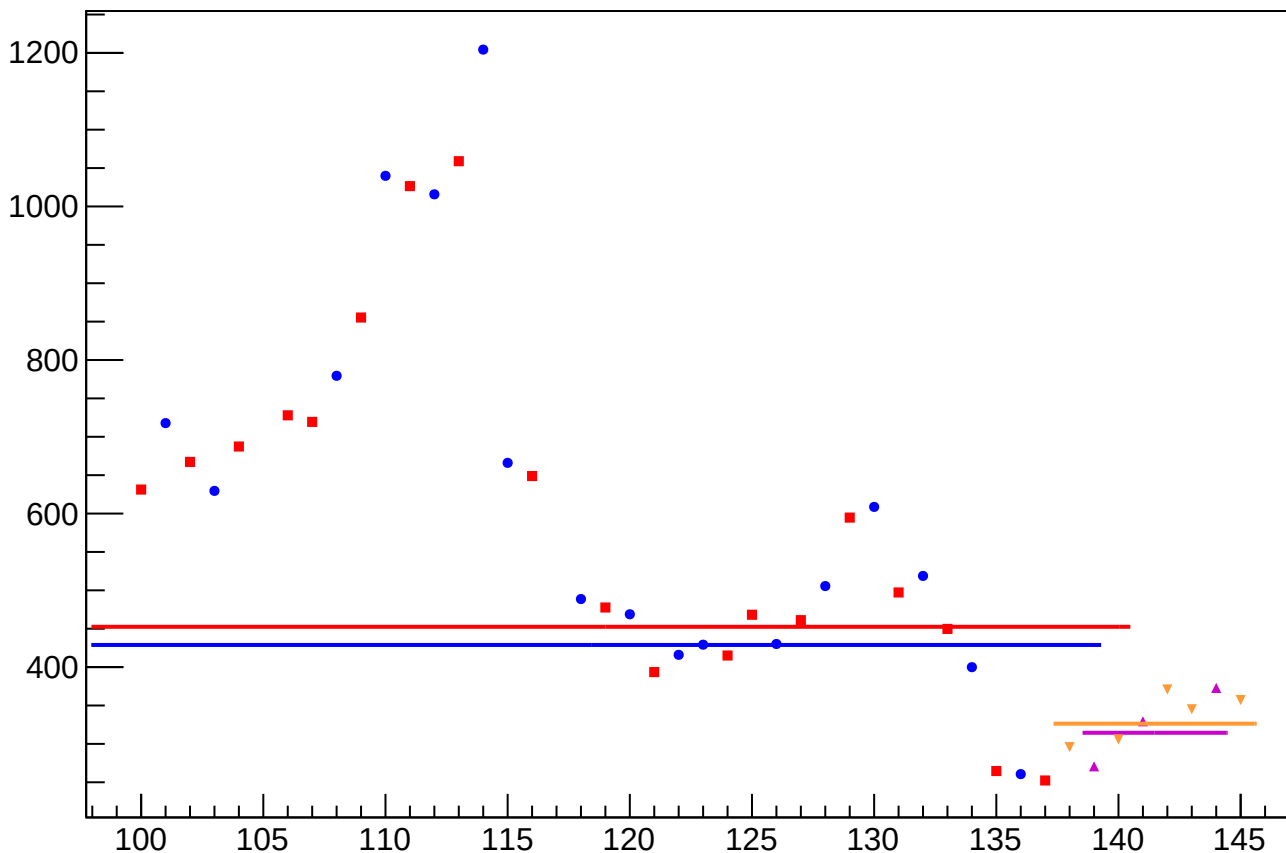
Right: 189.418+/-128.389 χ^2/NDF : 34.6/35

In: 158.592+/-133.762 χ^2/NDF : 14.7/19

Out: 31.865+/-127.973 χ^2/NDF : 27.6/23

All: 92.427+/-92.470 χ^2/NDF : 42.7/43

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856 $\pm$ 0.127 χ^2 /NDF: 2012329.6/16

Left Out: 326.330 $\pm$ 0.126 χ^2 /NDF:50413.3/4

Right Out: 452.517 $\pm$ 0.130 χ^2 /NDF: 2039238.5/18

Left In: 314.459 $\pm$ 0.142 χ^2 /NDF:86803.7/2

Left: 321.107 $\pm$ 0.094 χ^2 /NDF: 141125.8/7

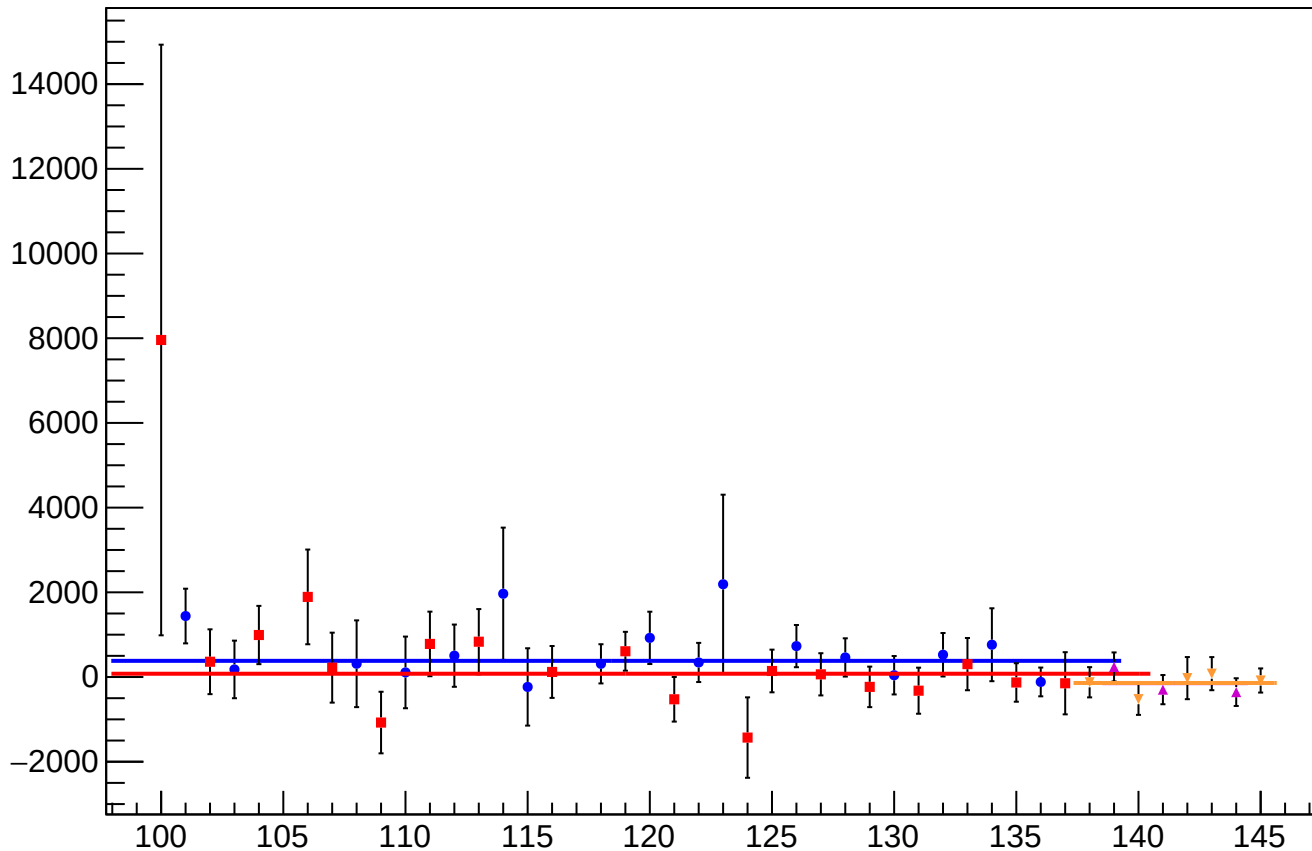
Right: 440.377 $\pm$ 0.091 χ^2 /NDF: 4068538.6/35

In: 378.172 $\pm$ 0.095 χ^2 /NDF:2460095.9/19

Out: 387.374 $\pm$ 0.090 χ^2 /NDF:2575276.9/23

All: 382.976 $\pm$ 0.065 χ^2 /NDF: 5040315.2/43

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893 ± 141.192 χ^2/NDF : 9.4/16

Left Out: -140.784 ± 162.277 χ^2/NDF : 1.5/4

Right Out: 77.490 ± 143.469 χ^2/NDF : 16.8/18

Left In: -144.401 ± 194.991 χ^2/NDF : 1.9/2

Left: -142.264 ± 124.732 χ^2/NDF : 3.3/7

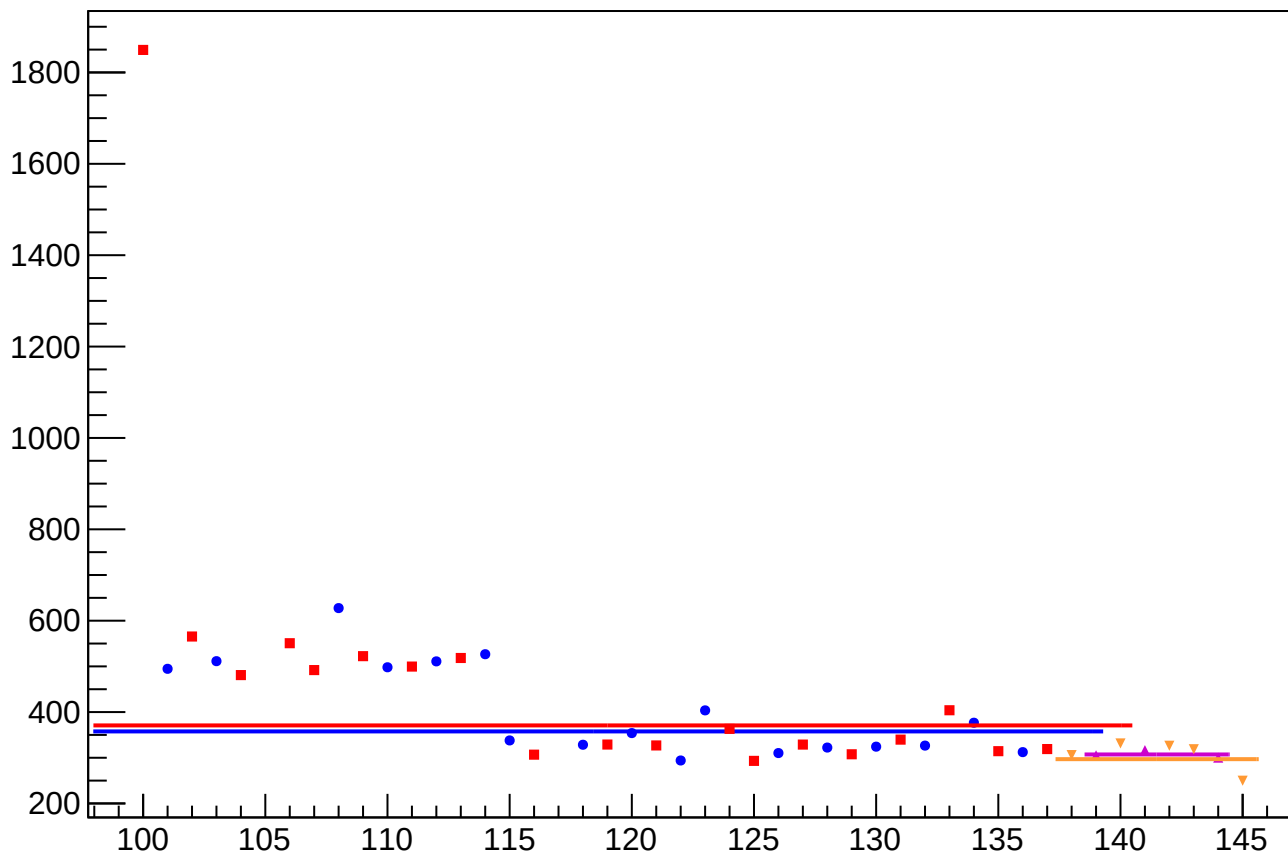
Right: 232.126 ± 100.633 χ^2/NDF : 28.5/35

In: 200.864 ± 114.360 χ^2/NDF : 16.1/19

Out: -18.270 ± 107.485 χ^2/NDF : 19.2/23

All: 84.513 ± 78.321 χ^2/NDF : 37.3/43

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 296.941 $\pm$ 0.115 χ^2 /NDF: 86298.1/4

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

Left In: 307.208 $\pm$ 0.138 χ^2 /NDF: 2465.9/2

Left: 301.142 $\pm$ 0.088 χ^2 /NDF: 92040.6/7

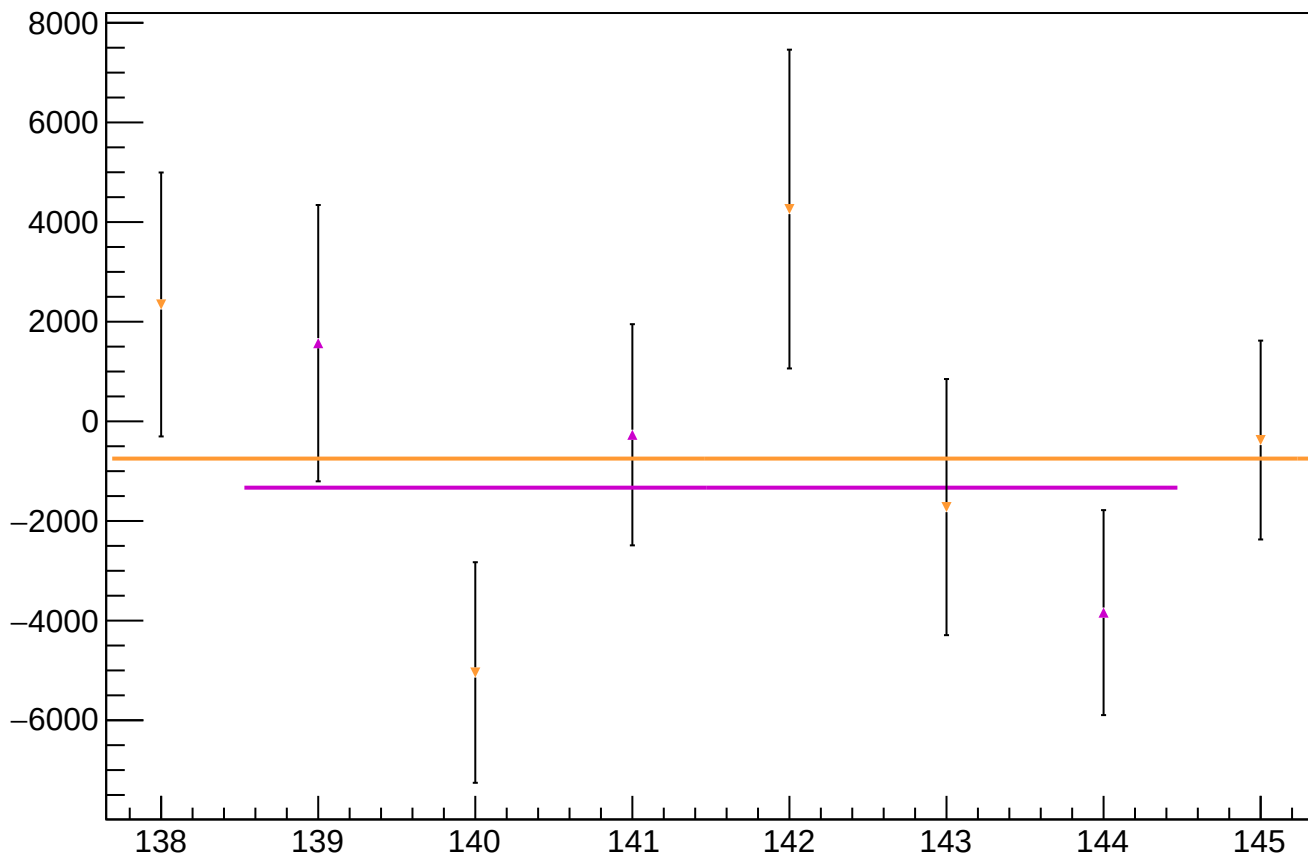
Right: 364.124 $\pm$ 0.071 χ^2 /NDF: 1422966.9/35

In: 340.309 $\pm$ 0.081 χ^2 /NDF: 719989.4/19

Out: 338.393 $\pm$ 0.076 χ^2 /NDF: 1103592.8/23

All: 339.292 $\pm$ 0.055 χ^2 /NDF: 1823880.2/43

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -747.514+/-1086.826 χ^2/NDF : 7.8/4

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

Left In: -1331.284+/-1325.433 χ^2/NDF : 2.8/2

Left: -982.215+/-840.416 χ^2/NDF : 10.7/7

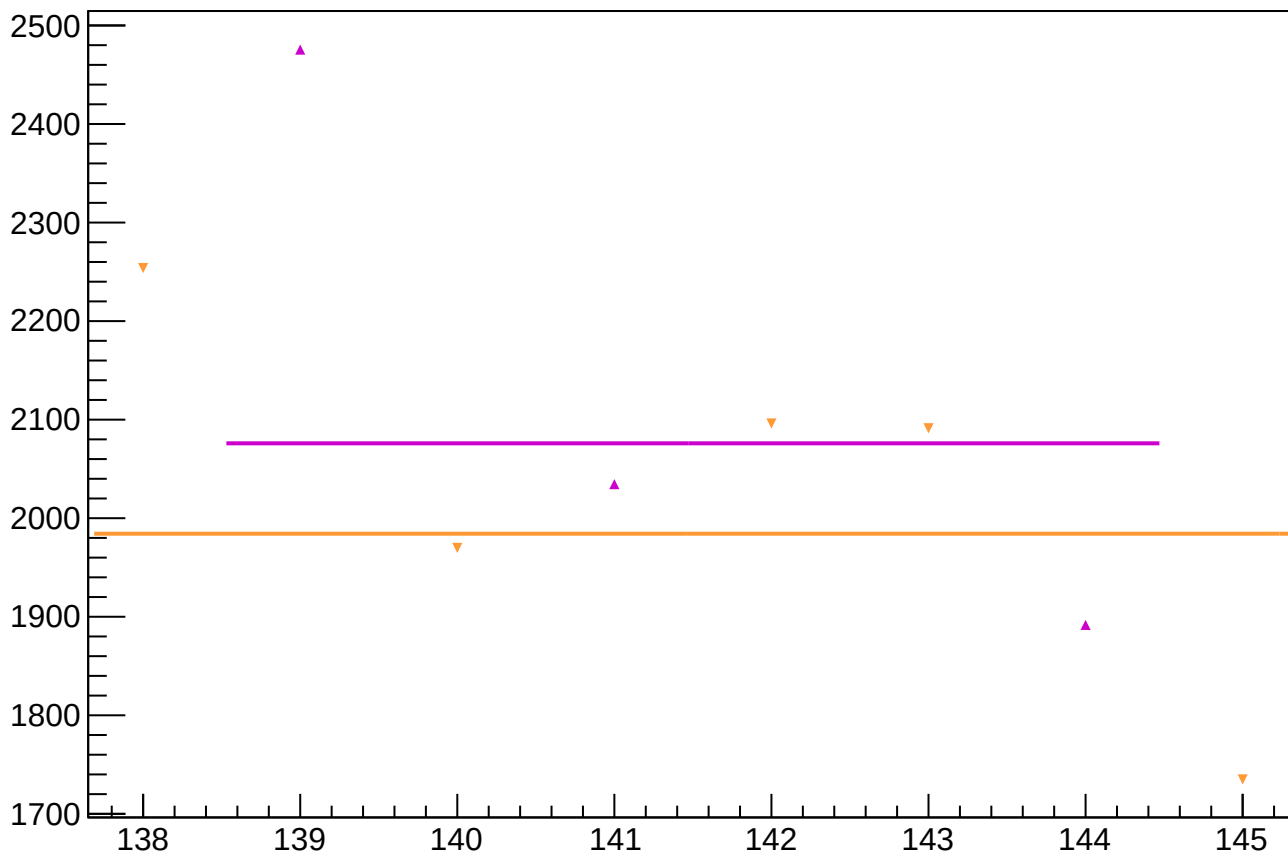
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1331.284+/-1325.433 χ^2/NDF : 2.8/2

Out: -747.514+/-1086.826 χ^2/NDF : 7.8/4

All: -982.215+/-840.416 χ^2/NDF : 10.7/7

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1984.264+/-0.769 χ^2/NDF :57919.3/4

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

Left In: 2075.984+/-0.937 χ^2/NDF :58249.2/2

Left: 2021.139+/-0.594 χ^2/NDF : 121895.4/7

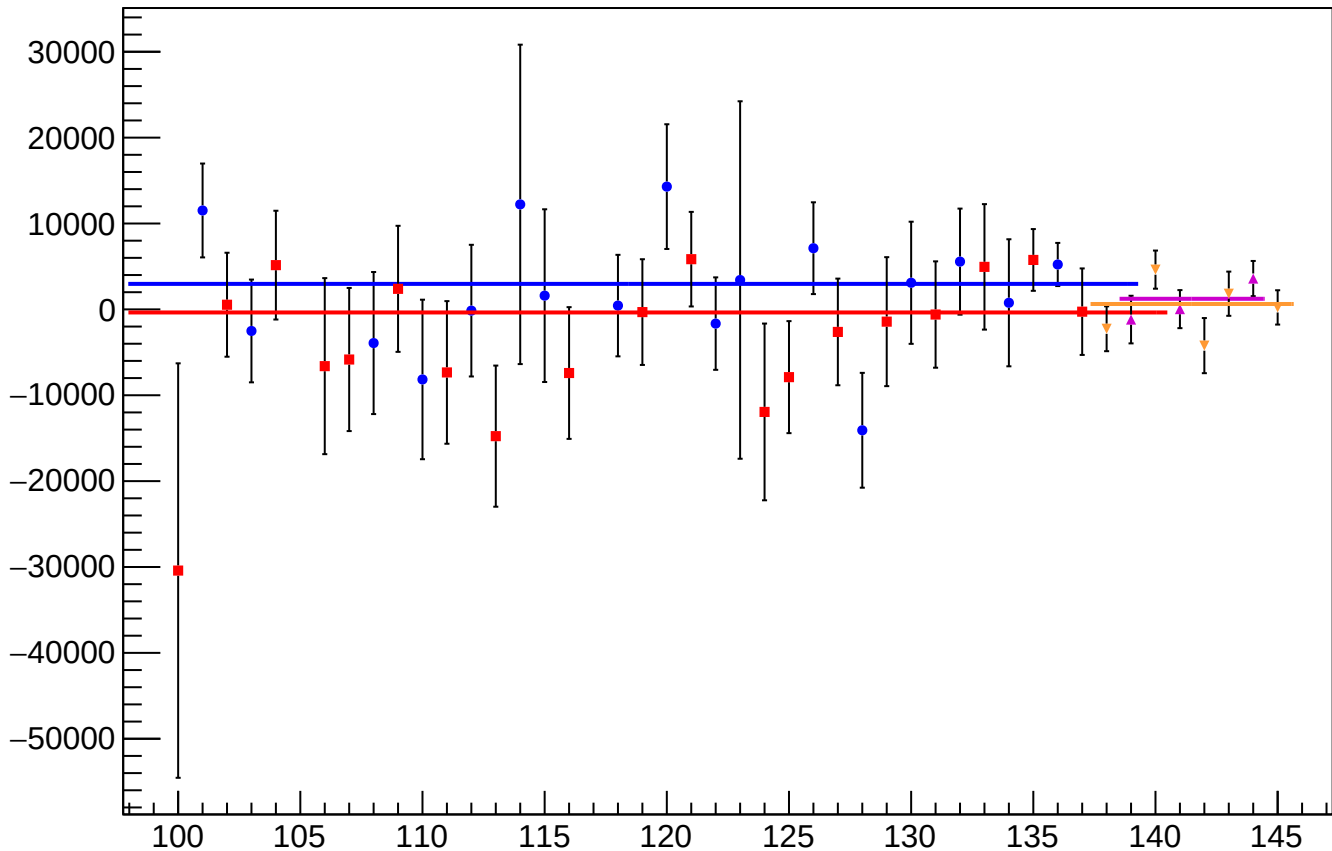
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2075.984+/-0.937 χ^2/NDF :58249.2/2

Out: 1984.264+/-0.769 χ^2/NDF :57919.3/4

All: 2021.139+/-0.594 χ^2/NDF : 121895.4/7

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125 $\pm$ 1440.489 χ^2 /NDF: 17.4/16

Left Out: 627.005 $\pm$ 1086.164 χ^2 /NDF: 7.0/4

Right Out: -358.685 $\pm$ 1507.064 χ^2 /NDF: 15.3/18

Left In: 1233.454 $\pm$ 1322.729 χ^2 /NDF: 2.4/2

Left: 871.242 $\pm$ 839.420 χ^2 /NDF: 9.5/7

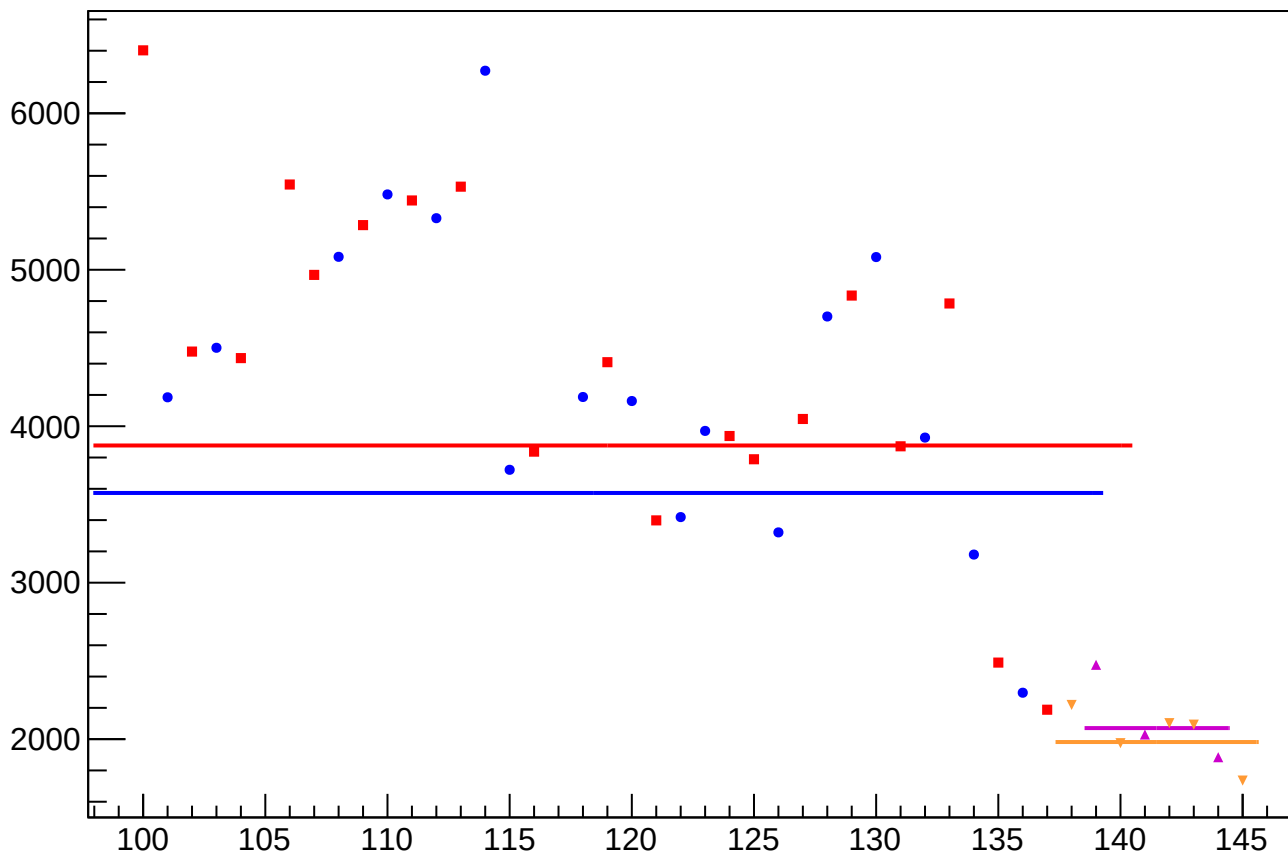
Right: 1380.346 $\pm$ 1041.320 χ^2 /NDF: 35.3/35

In: 2027.454 $\pm$ 974.286 χ^2 /NDF: 20.5/19

Out: 290.039 $\pm$ 881.161 χ^2 /NDF: 22.6/23

All: 1071.764 $\pm$ 653.524 χ^2 /NDF: 44.9/43

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470 +/- 1.019 χ^2/NDF : 1088731.5/16

Left Out: 1981.591 +/- 0.768 χ^2/NDF : 53427.2/4

Right Out: 3876.914 +/- 1.066 χ^2/NDF : 988409.8/18

Left In: 2070.662 +/- 0.935 χ^2/NDF : 59713.3/2

Left: 2017.463 +/- 0.594 χ^2/NDF : 118557.0/7

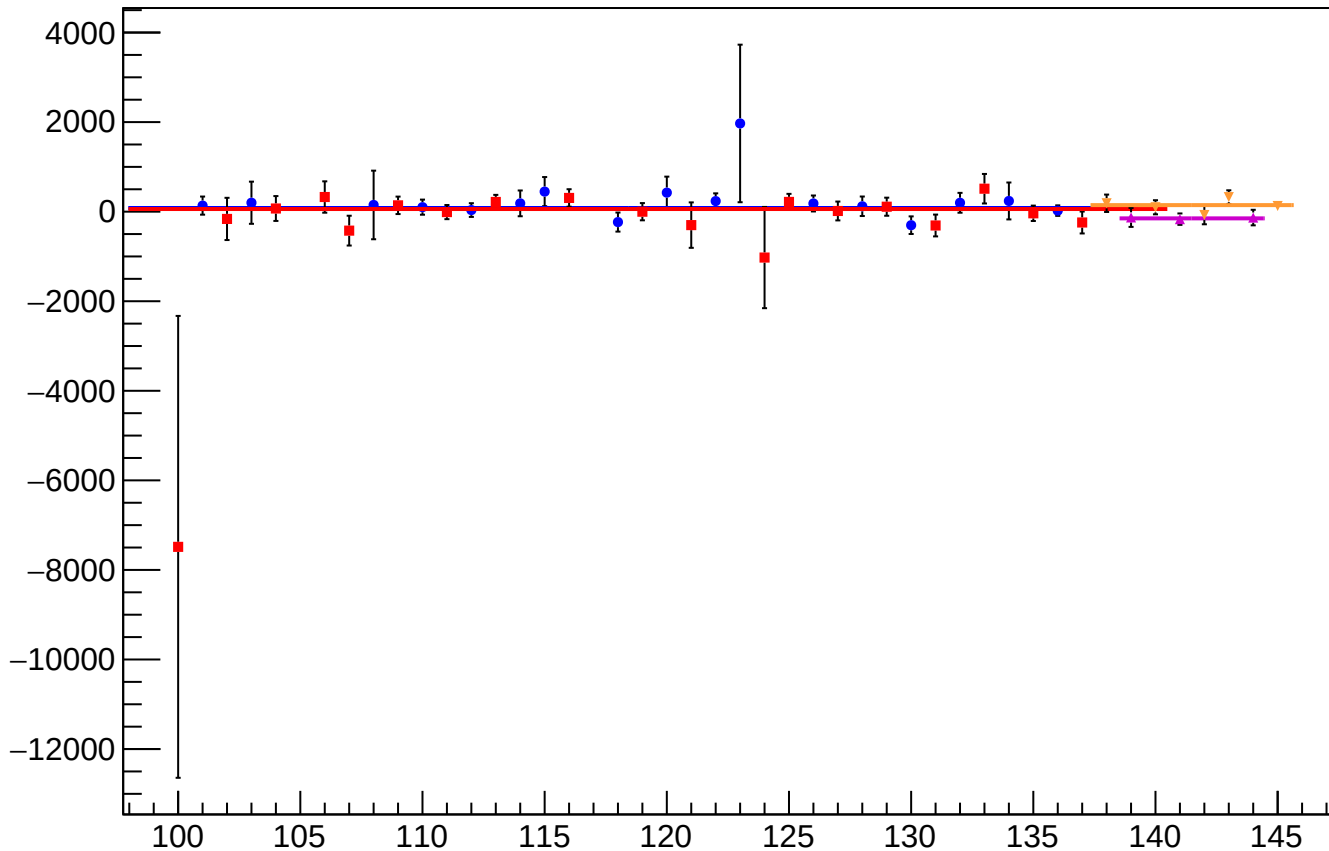
Right: 3718.342 +/- 0.736 χ^2/NDF : 2119512.7/35

In: 2758.136 +/- 0.689 χ^2/NDF : 2329442.1/19

Out: 2629.524 +/- 0.623 χ^2/NDF : 3123698.6/23

All: 2687.391 +/- 0.462 χ^2/NDF : 5472311.4/43

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851 ± 51.907 χ^2/NDF : 11.5/16

Left Out: 146.327 ± 68.046 χ^2/NDF : 2.7/4

Right Out: 59.008 ± 53.165 χ^2/NDF : 16.4/18

Left In: -149.835 ± 92.353 χ^2/NDF : 0.0/2

Left: 42.119 ± 54.782 χ^2/NDF : 9.4/7

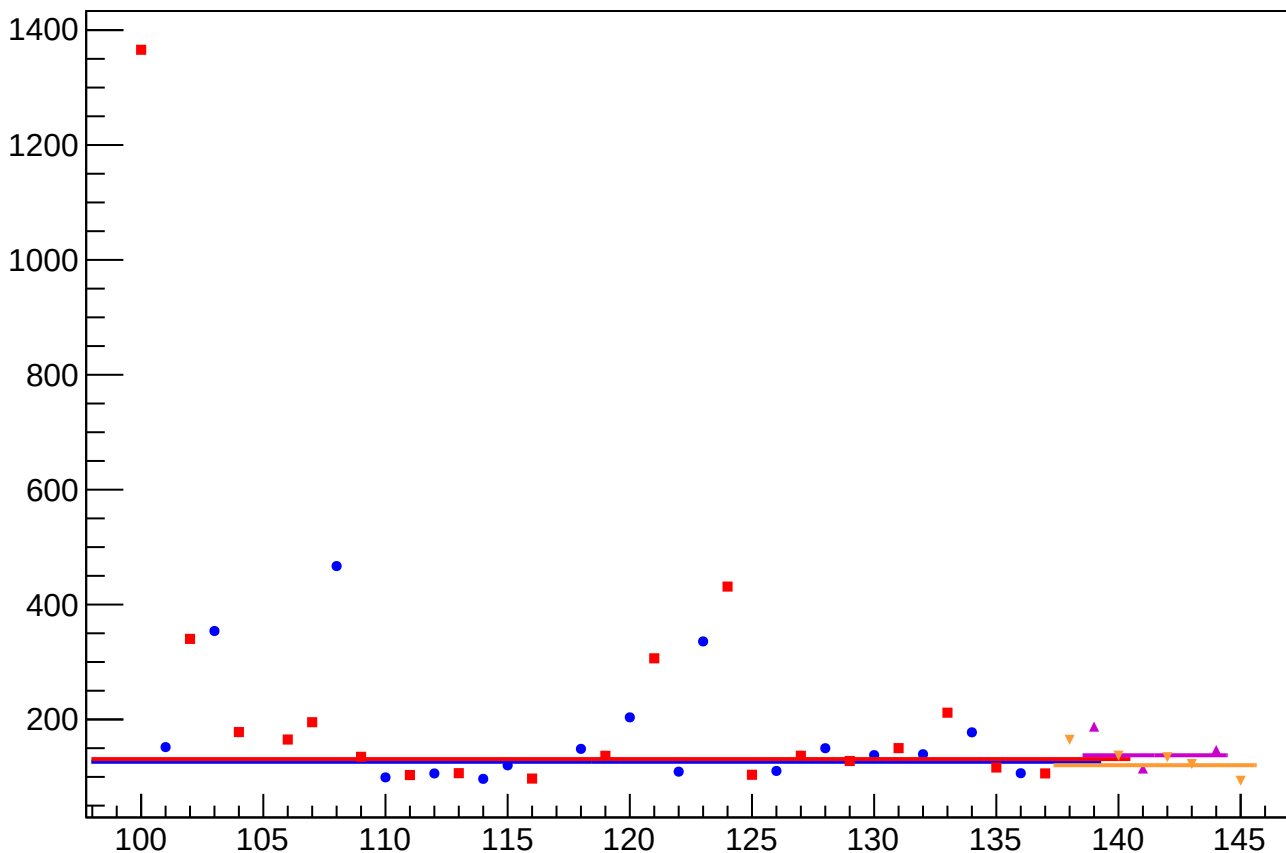
Right: 70.703 ± 37.141 χ^2/NDF : 28.1/35

In: 26.231 ± 45.250 χ^2/NDF : 16.4/19

Out: 92.106 ± 41.894 χ^2/NDF : 20.1/23

All: 61.702 ± 30.742 χ^2/NDF : 37.6/43

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 120.361 $\pm$ 0.048 χ^2 /NDF: 256719.3/4

Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

Left In: 137.630 $\pm$ 0.065 χ^2 /NDF: 182732.6/2

Left: 126.437 $\pm$ 0.039 χ^2 /NDF: 484775.6/7

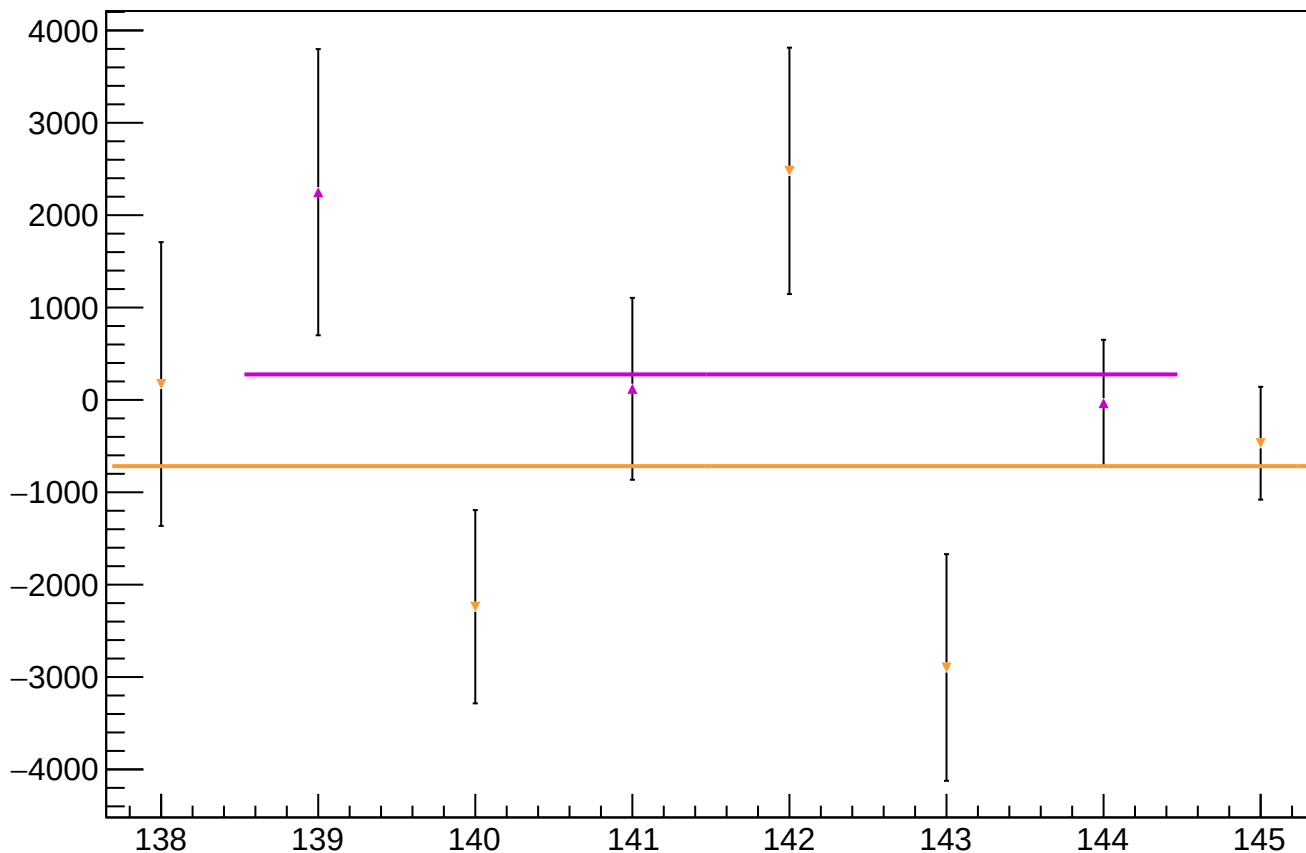
Right: 128.617 $\pm$ 0.026 χ^2 /NDF: 2747739.0/35

In: 129.050 $\pm$ 0.032 χ^2 /NDF: 1516034.4/19

Out: 126.972 $\pm$ 0.030 χ^2 /NDF: 1716378.7/23

All: 127.931 $\pm$ 0.022 χ^2 /NDF: 3234684.4/43

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -716.915+/-436.668 χ^2/NDF :11.5/4

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

Left In: 276.019+/-528.594 χ^2/NDF :1.9/2

Left: -314.159+/-336.654 χ^2/NDF : 15.5/7

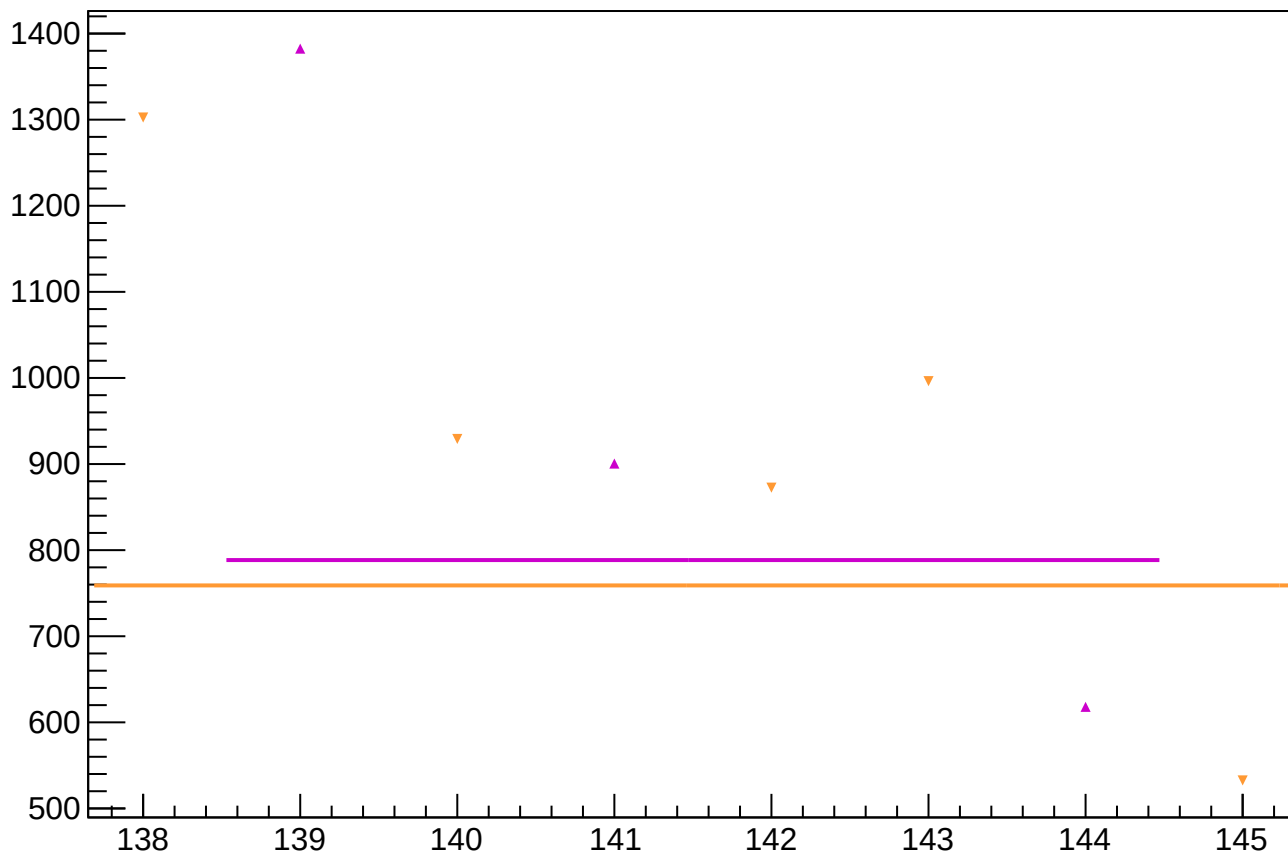
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 276.019+/-528.594 χ^2/NDF :1.9/2

Out: -716.915+/-436.668 χ^2/NDF :11.5/4

All: -314.159+/-336.654 χ^2/NDF : 15.5/7

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 759.033+/-0.309 χ^2/NDF :667516.6/4

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

Left In: 788.481+/-0.374 χ^2/NDF :443803.7/2

Left: 770.978+/-0.238 χ^2/NDF : 1115009.7/7

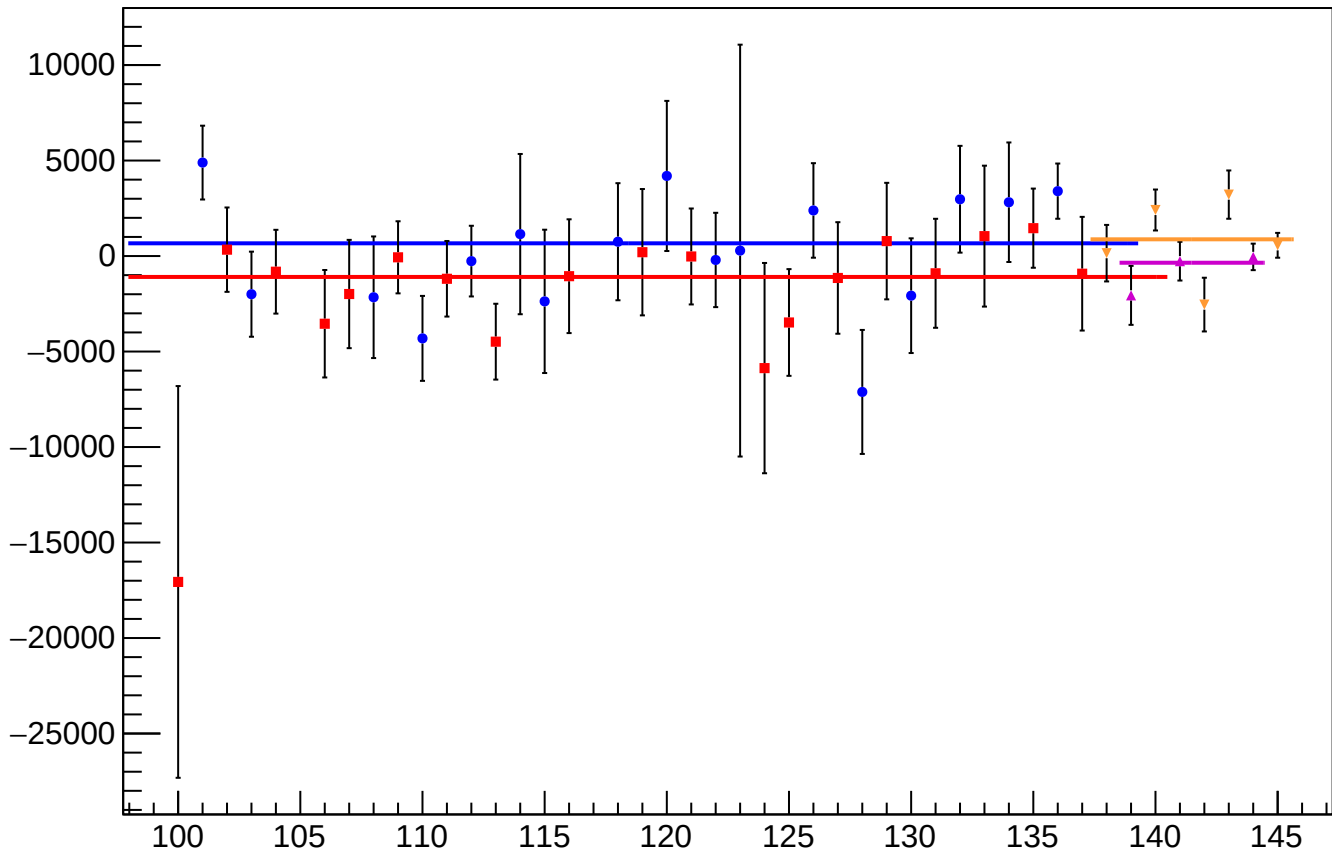
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 788.481+/-0.374 χ^2/NDF :443803.7/2

Out: 759.033+/-0.309 χ^2/NDF :667516.6/4

All: 770.978+/-0.238 χ^2/NDF : 1115009.7/7

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 875.396+/-455.311 χ^2/NDF :11.9/4

Right Out: -1094.278+/-602.639 χ^2/NDF : 11.0/18

Left In: -350.960+/-536.770 χ^2/NDF :1.4/2

Left: 362.240+/-347.220 χ^2/NDF : 16.3/7

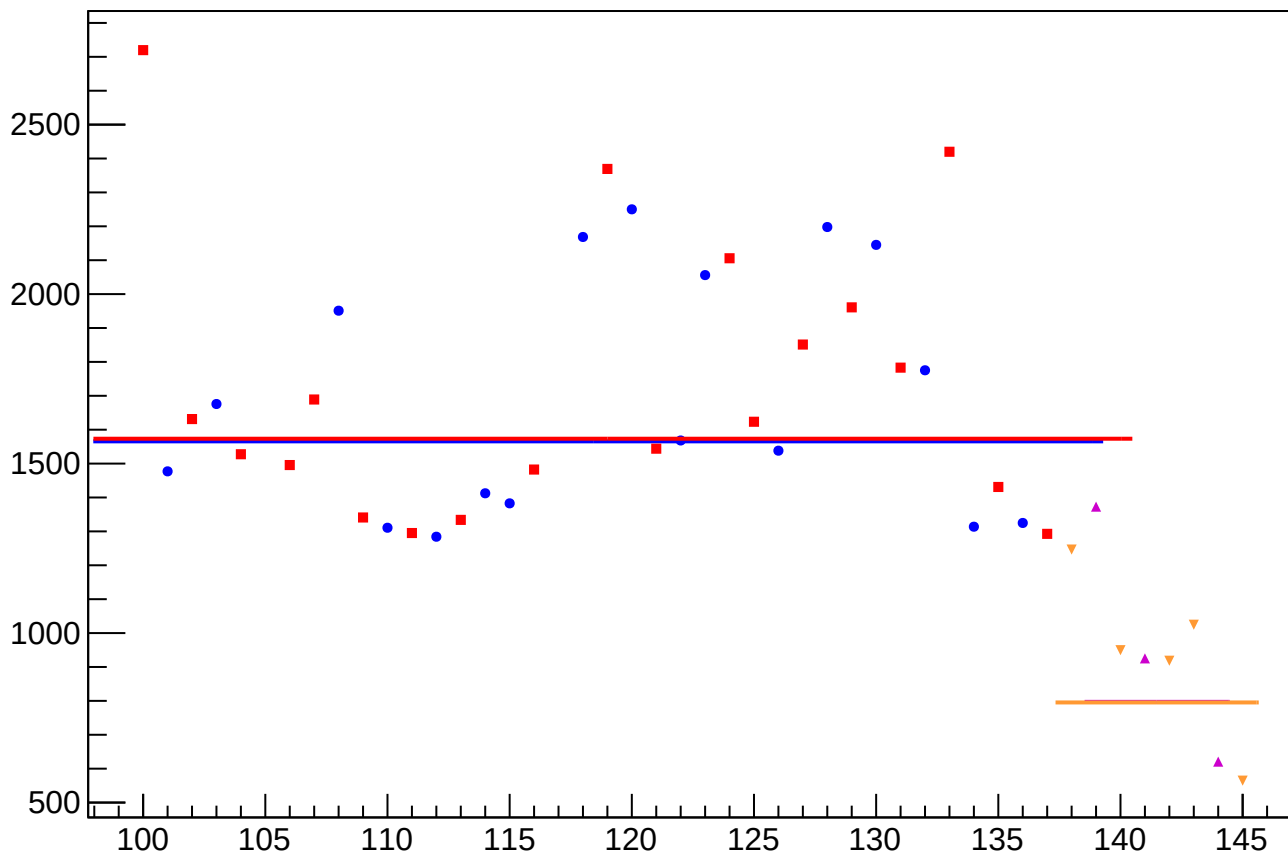
Right: -237.260+/-431.744 χ^2/NDF : 40.8/35

In: 85.855+/-405.488 χ^2/NDF :28.6/19

Out: 159.635+/-363.282 χ^2/NDF :29.6/23

All: 126.783+/-270.575 χ^2/NDF : 58.3/43

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF : 490790.2/16

Left Out: 795.352+/-0.322 χ^2/NDF : 560070.6/4

Right Out: 1573.366+/-0.426 χ^2/NDF : 462040.3/18

Left In: 797.077+/-0.380 χ^2/NDF : 439606.9/2

Left: 796.074+/-0.246 χ^2/NDF : 999689.5/7

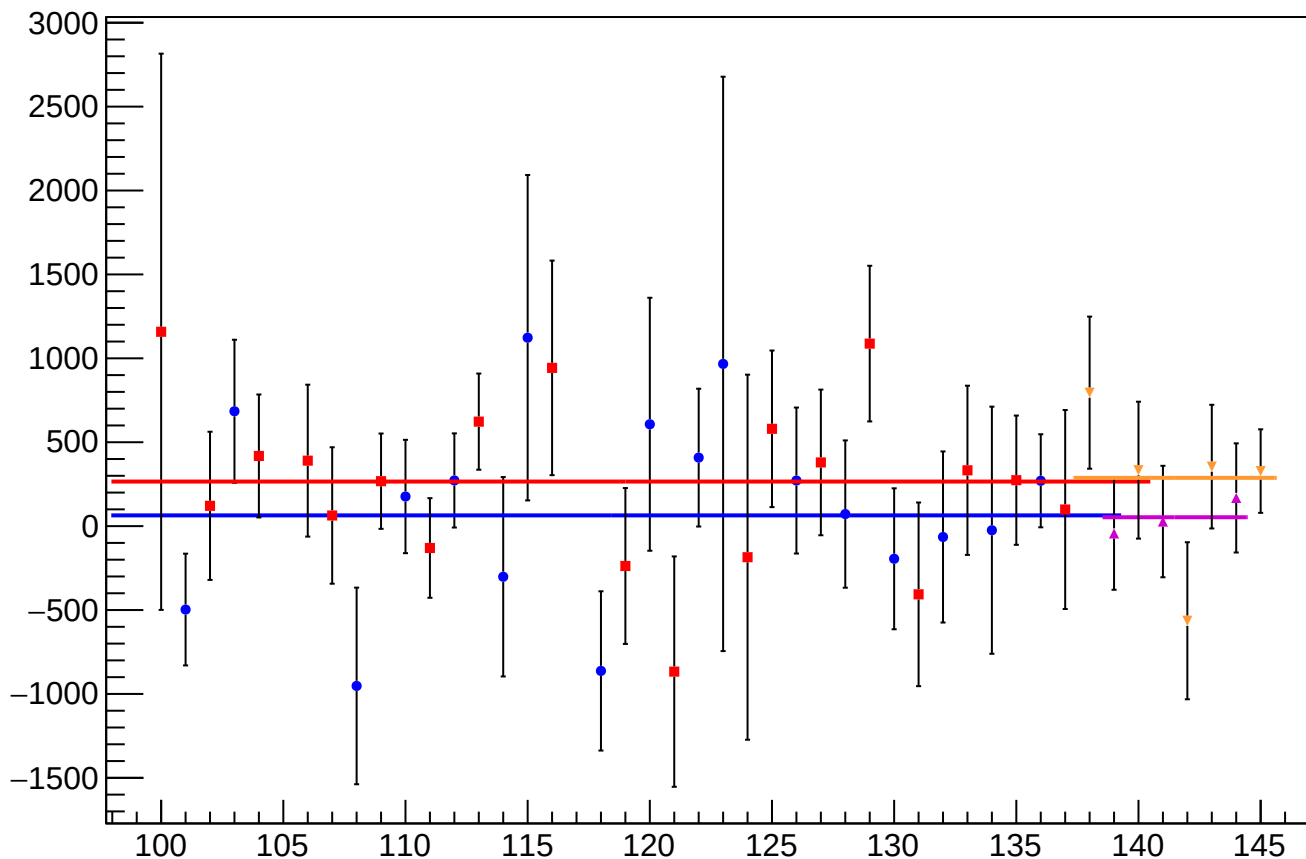
Right: 1569.597+/-0.305 χ^2/NDF : 952991.2/35

In: 1127.043+/-0.287 χ^2/NDF : 2690720.7/19

Out: 1078.075+/-0.257 χ^2/NDF : 3144194.9/23

All: 1099.879+/-0.191 χ^2/NDF : 5851096.0/43

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087 $\pm$ 105.336 χ^2 /NDF: 16.8/16

Left Out: 287.768 $\pm$ 160.238 χ^2 /NDF:4.6/4

Right Out: 265.661 $\pm$ 99.379 χ^2 /NDF: 14.7/18

Left In: 52.912 $\pm$ 191.046 χ^2 /NDF:0.2/2

Left: 190.780 $\pm$ 122.771 χ^2 /NDF: 5.7/7

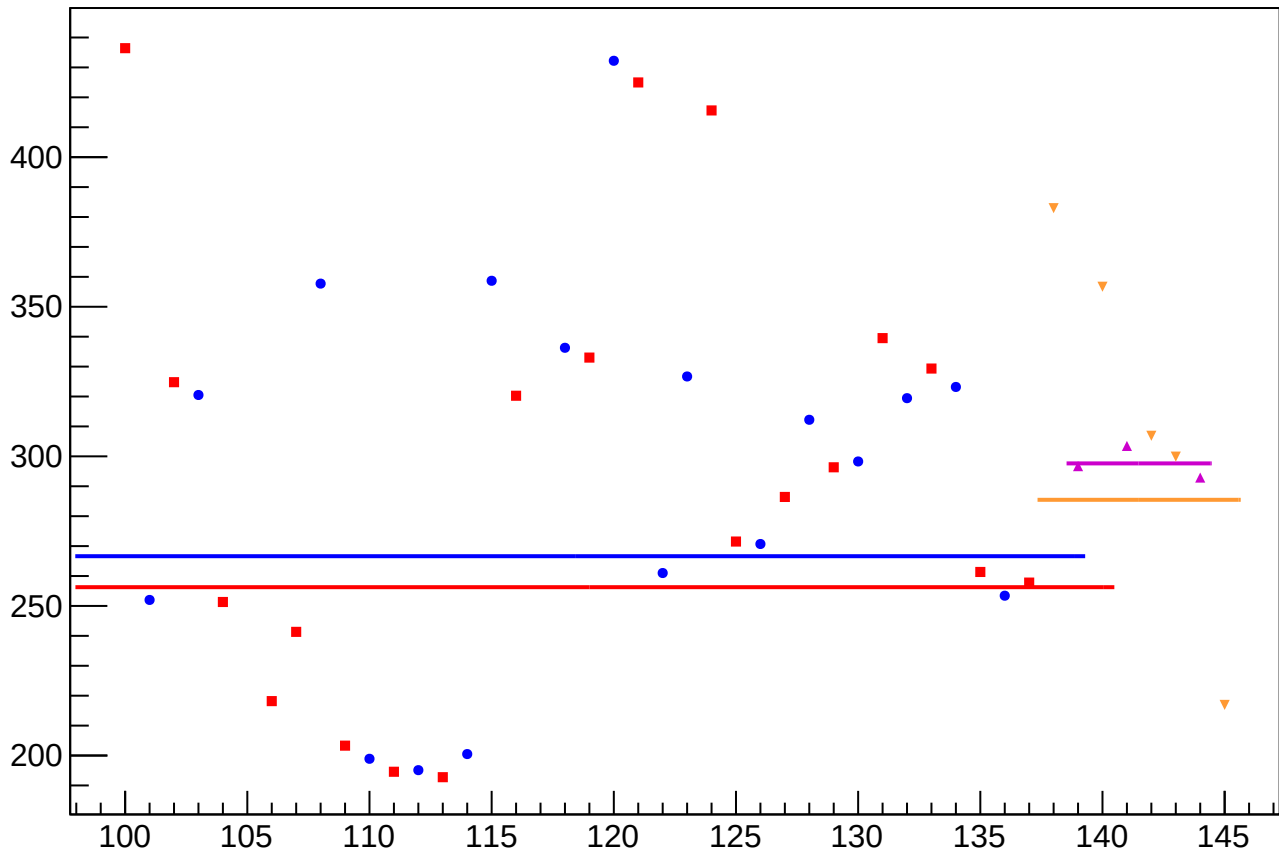
Right: 170.735 $\pm$ 72.286 χ^2 /NDF: 33.4/35

In: 61.482 $\pm$ 92.244 χ^2 /NDF:17.0/19

Out: 271.802 $\pm$ 84.455 χ^2 /NDF:19.3/23

All: 175.895 $\pm$ 62.291 χ^2 /NDF: 39.1/43

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF : 550752.5/16

Left Out: 285.474+/-0.113 χ^2/NDF :312424.0/4

Right Out: 256.268+/-0.070 χ^2/NDF : 696896.2/18

Left In: 297.643+/-0.135 χ^2/NDF :1057.7/2

Left: 290.500+/-0.087 χ^2/NDF : 318245.1/7

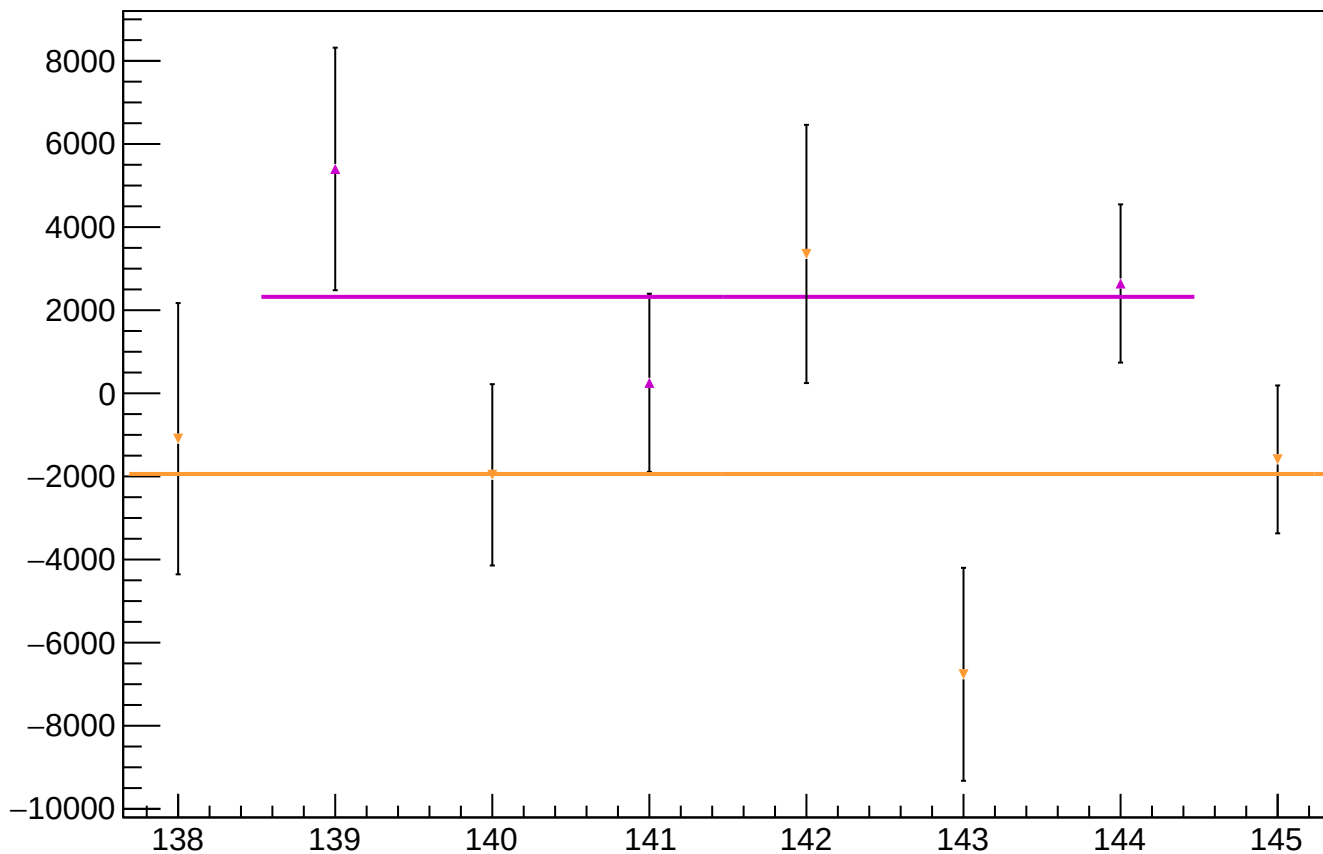
Right: 261.145+/-0.051 χ^2/NDF : 1257876.6/35

In: 273.856+/-0.065 χ^2/NDF :592241.9/19

Out: 264.382+/-0.060 χ^2/NDF :1057304.7/23

All: 268.702+/-0.044 χ^2/NDF : 1661024.0/43

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -1940.686+/-1068.670 χ^2/NDF : 6.5/4

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

Left In: 2321.441+/-1279.456 χ^2/NDF : 2.1/2

Left: -189.165+/-820.200 χ^2/NDF : 15.2/7

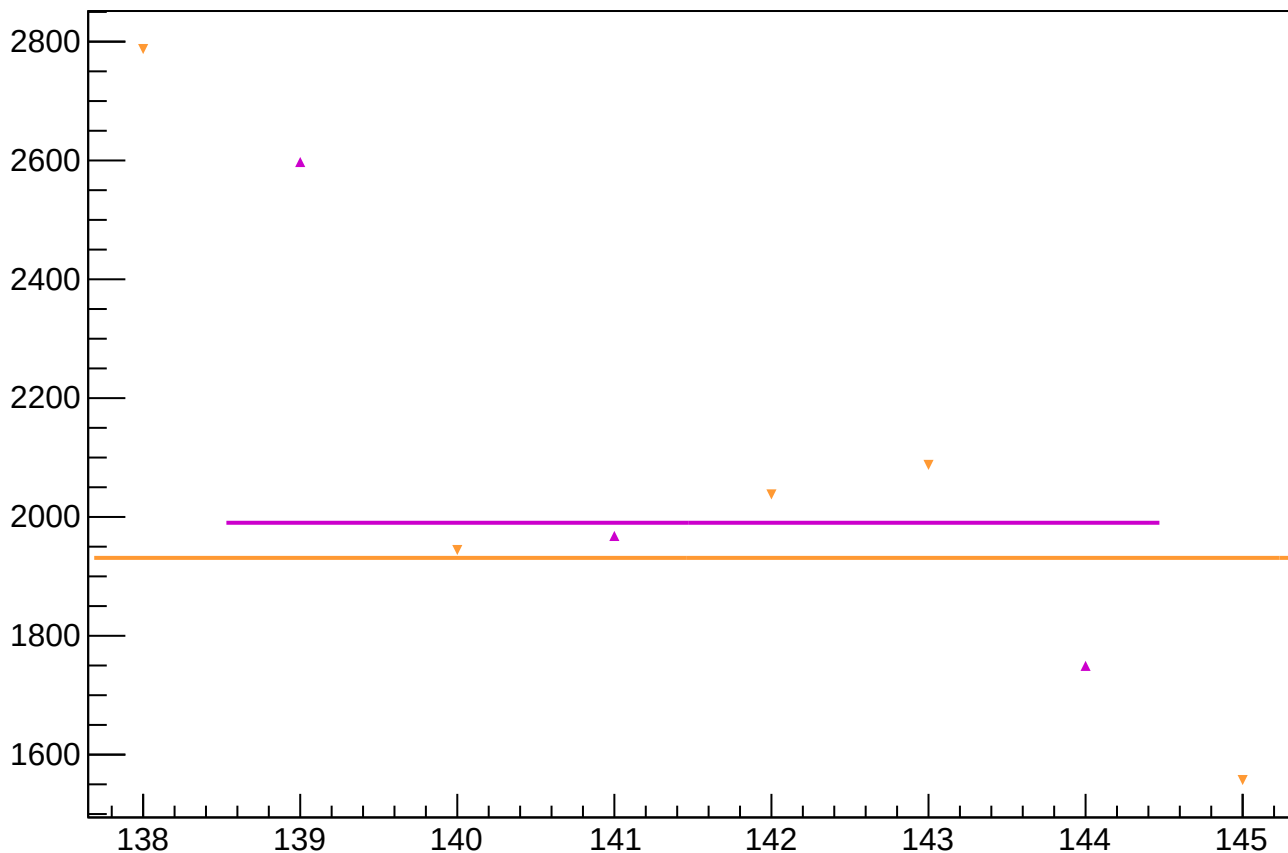
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2321.441+/-1279.456 χ^2/NDF : 2.1/2

Out: -1940.686+/-1068.670 χ^2/NDF : 6.5/4

All: -189.165+/-820.200 χ^2/NDF : 15.2/7

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 1931.138+/-0.756 χ^2/NDF :235902.4/4

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

Left In: 1990.239+/-0.905 χ^2/NDF :118796.1/2

Left: 1955.426+/-0.580 χ^2/NDF : 357212.3/7

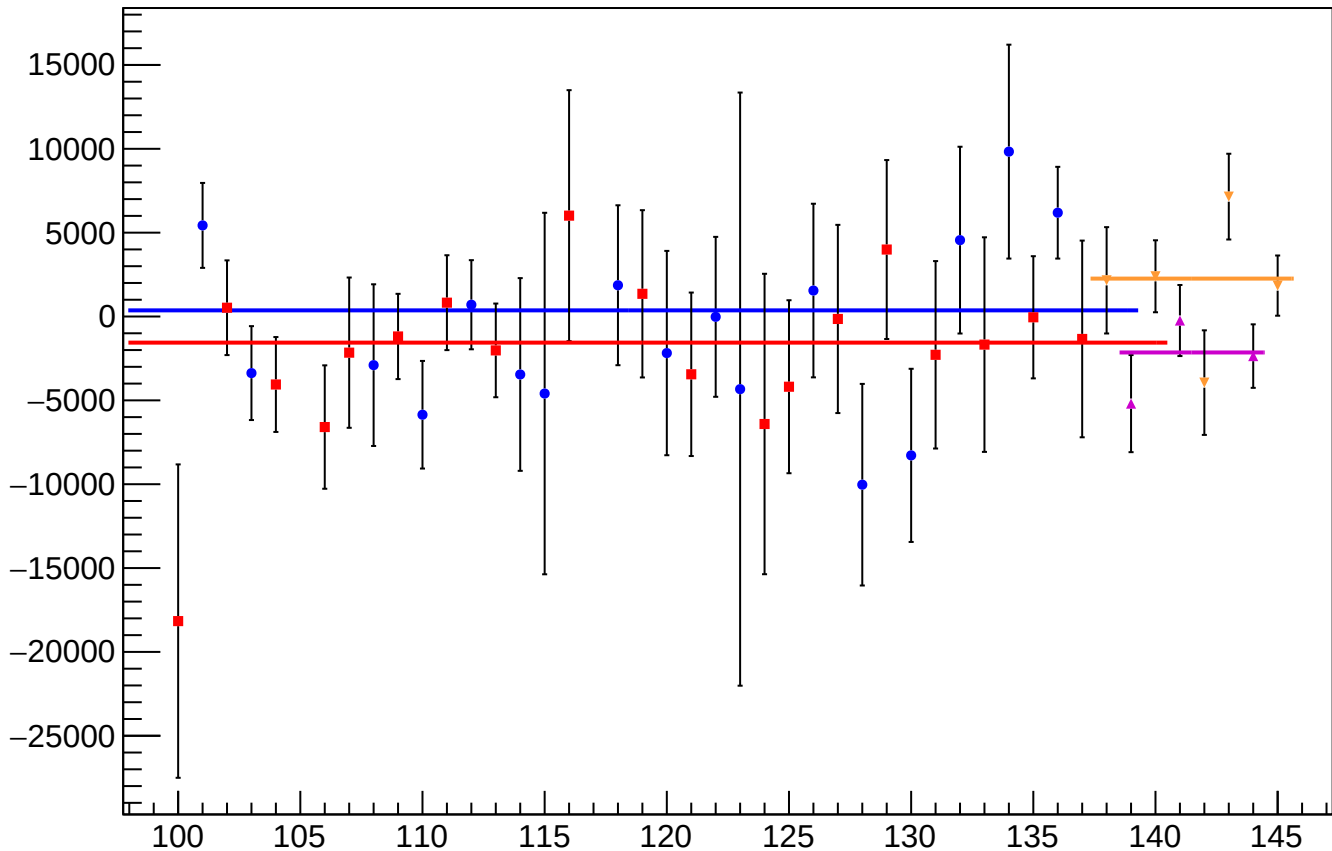
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1990.239+/-0.905 χ^2/NDF :118796.1/2

Out: 1931.138+/-0.756 χ^2/NDF :235902.4/4

All: 1955.426+/-0.580 χ^2/NDF : 357212.3/7

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF : 24.2/16

Left Out: 2260.679+/-1064.409 χ^2/NDF : 7.7/4

Right Out: -1557.388+/-924.003 χ^2/NDF : 10.5/18

Left In: -2144.103+/-1269.129 χ^2/NDF : 1.9/2

Left: 441.766+/-815.548 χ^2/NDF : 16.7/7

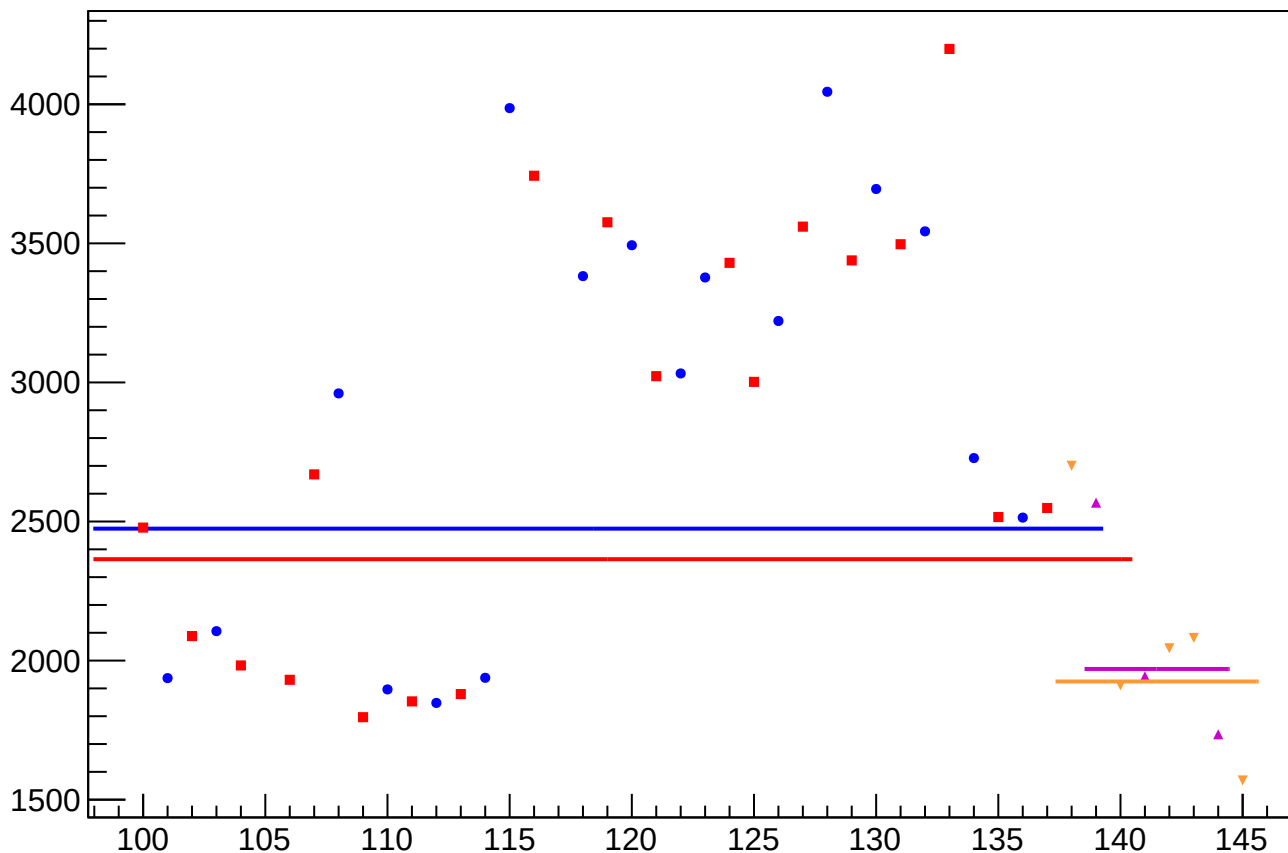
Right: -664.120+/-676.282 χ^2/NDF : 36.7/35

In: -586.251+/-781.808 χ^2/NDF : 28.5/19

Out: 83.380+/-697.767 χ^2/NDF : 25.5/23

All: -213.522+/-520.582 χ^2/NDF : 54.5/43

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 1924.842+/-0.753 χ^2/NDF : 208746.3/4

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

Left In: 1969.925+/-0.897 χ^2/NDF : 116371.2/2

Left: 1943.458+/-0.577 χ^2/NDF : 326599.1/7

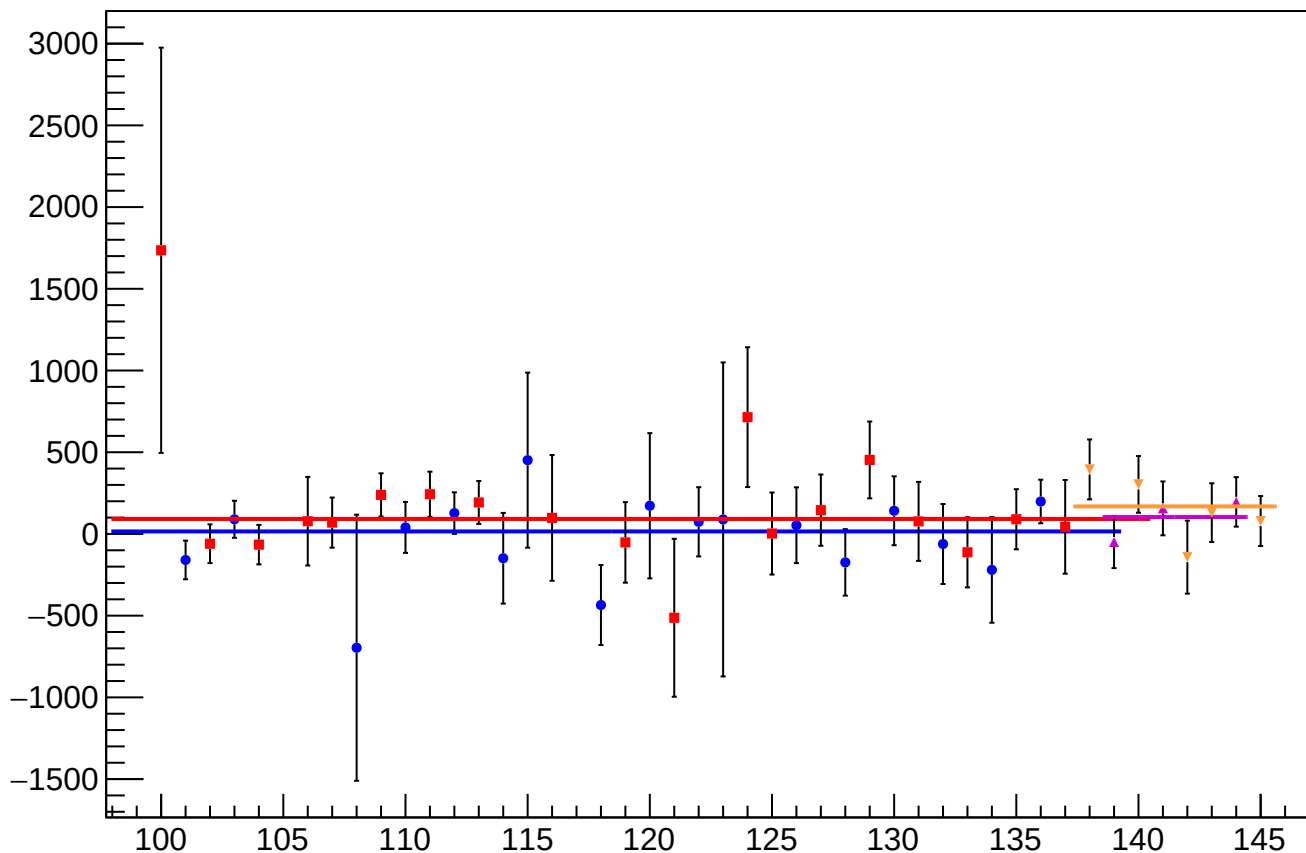
Right: 2415.527+/-0.478 χ^2/NDF : 1942797.3/35

In: 2282.955+/-0.553 χ^2/NDF : 1218714.0/19

Out: 2175.566+/-0.493 χ^2/NDF : 1426744.3/23

All: 2223.181+/-0.368 χ^2/NDF : 2666462.4/43

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303 $\pm$ 46.443 χ^2/NDF : 12.6/16

Left Out: 168.403 $\pm$ 79.846 χ^2/NDF : 4.4/4

Right Out: 91.634 $\pm$ 43.318 χ^2/NDF : 15.7/18

Left In: 103.391 $\pm$ 91.441 χ^2/NDF : 1.4/2

Left: 140.278 $\pm$ 60.144 χ^2/NDF : 6.1/7

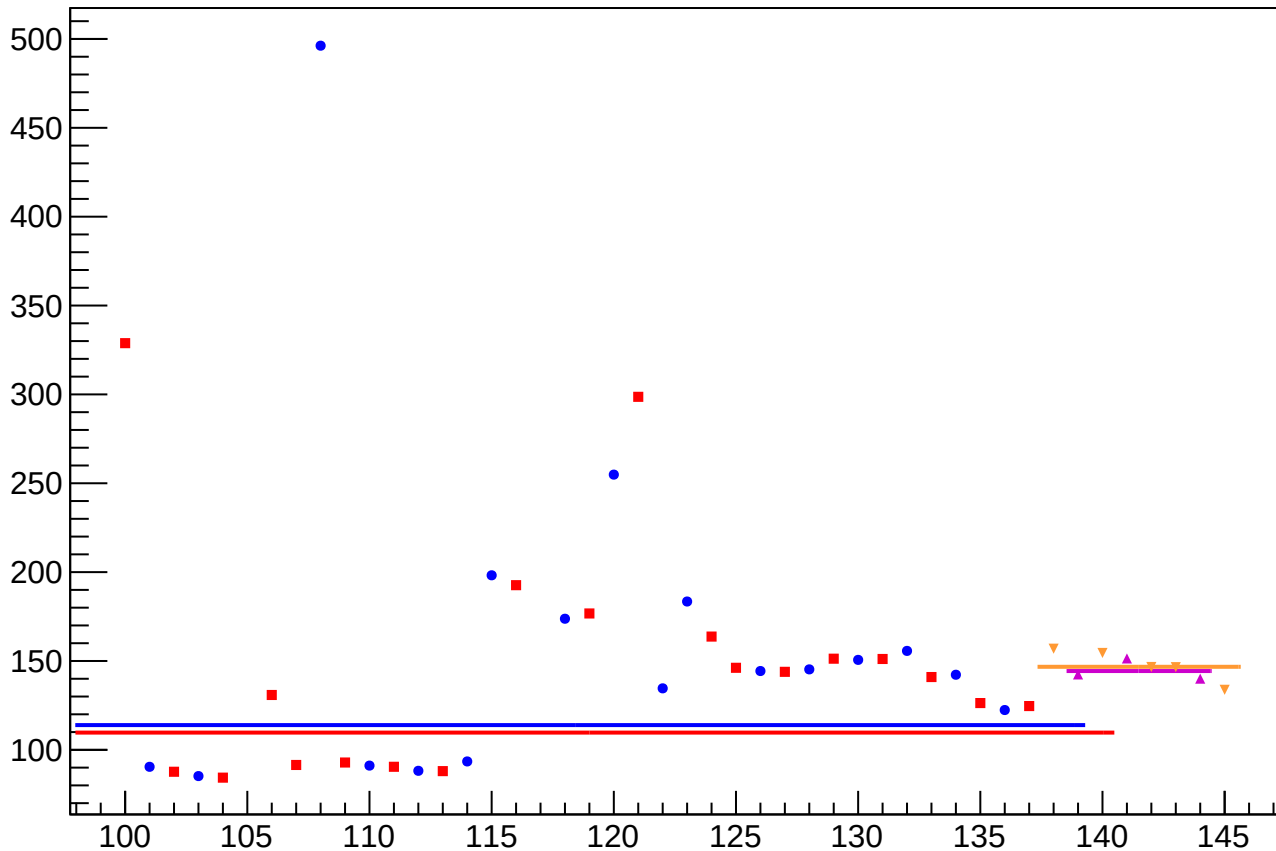
Right: 56.123 $\pm$ 31.678 χ^2/NDF : 29.7/35

In: 33.367 $\pm$ 41.409 χ^2/NDF : 14.7/19

Out: 109.091 $\pm$ 38.076 χ^2/NDF : 20.8/23

All: 74.398 $\pm$ 28.028 χ^2/NDF : 37.3/43

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 146.733 $\pm$ 0.056 χ^2 /NDF:24549.1/4

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

Left In: 144.341 $\pm$ 0.065 χ^2 /NDF:5574.0/2

Left: 145.698 $\pm$ 0.043 χ^2 /NDF: 30899.4/7

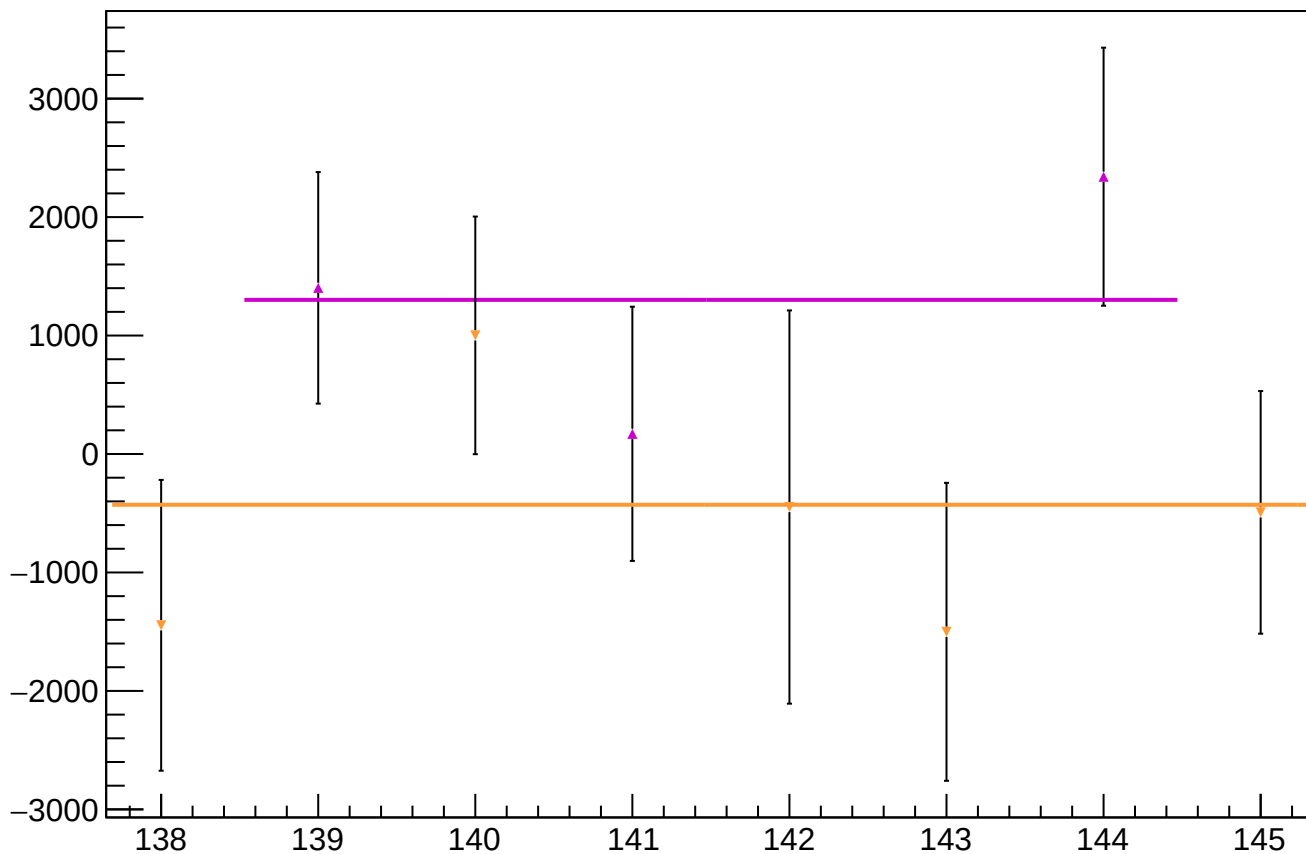
Right: 111.674 $\pm$ 0.022 χ^2 /NDF: 2658703.6/35

In: 120.168 $\pm$ 0.029 χ^2 /NDF:1589255.5/19

Out: 118.128 $\pm$ 0.027 χ^2 /NDF:1598785.8/23

All: 119.063 $\pm$ 0.020 χ^2 /NDF: 3190669.5/43

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -428.587+/-526.594 χ^2/NDF :3.5/4

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

Left In: 1301.386+/-602.127 χ^2/NDF :2.0/2

Left: 321.146+/-396.389 χ^2/NDF : 10.2/7

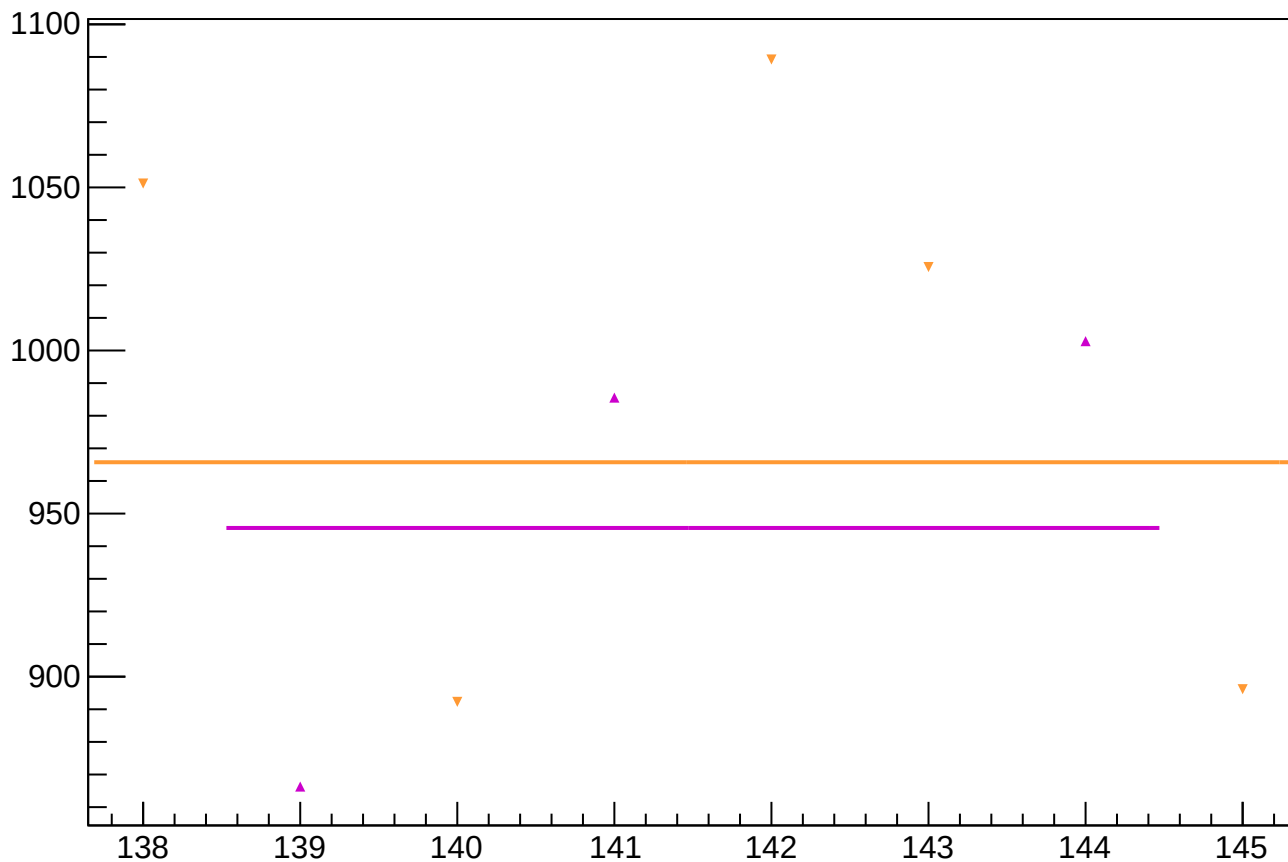
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1301.386+/-602.127 χ^2/NDF :2.0/2

Out: -428.587+/-526.594 χ^2/NDF :3.5/4

All: 321.146+/-396.389 χ^2/NDF : 10.2/7

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 965.743+/-0.372 χ^2/NDF :45252.1/4

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

Left In: 945.593+/-0.426 χ^2/NDF :21463.2/2

Left: 957.011+/-0.280 χ^2/NDF : 67984.4/7

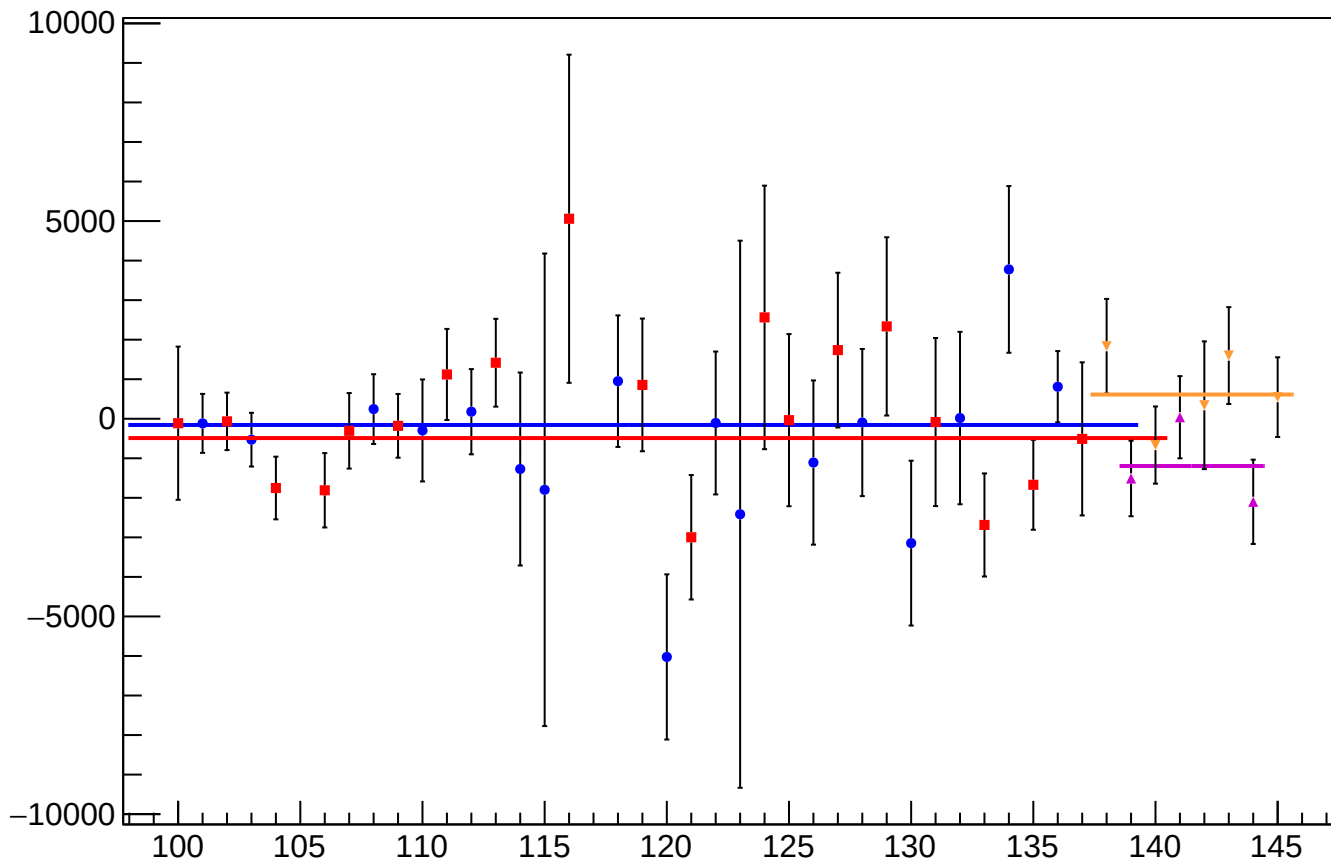
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 945.593+/-0.426 χ^2/NDF :21463.2/2

Out: 965.743+/-0.372 χ^2/NDF :45252.1/4

All: 957.011+/-0.280 χ^2/NDF : 67984.4/7

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178 ± 312.499 $\chi^2/\text{NDF}: 16.2/16$

Left Out: 612.559 ± 514.160 $\chi^2/\text{NDF}: 3.4/4$

Right Out: -488.583 ± 282.758 $\chi^2/\text{NDF}: 22.6/18$

Left In: -1195.438 ± 586.863 $\chi^2/\text{NDF}: 2.2/2$

Left: -172.571 ± 386.731 $\chi^2/\text{NDF}: 11.0/7$

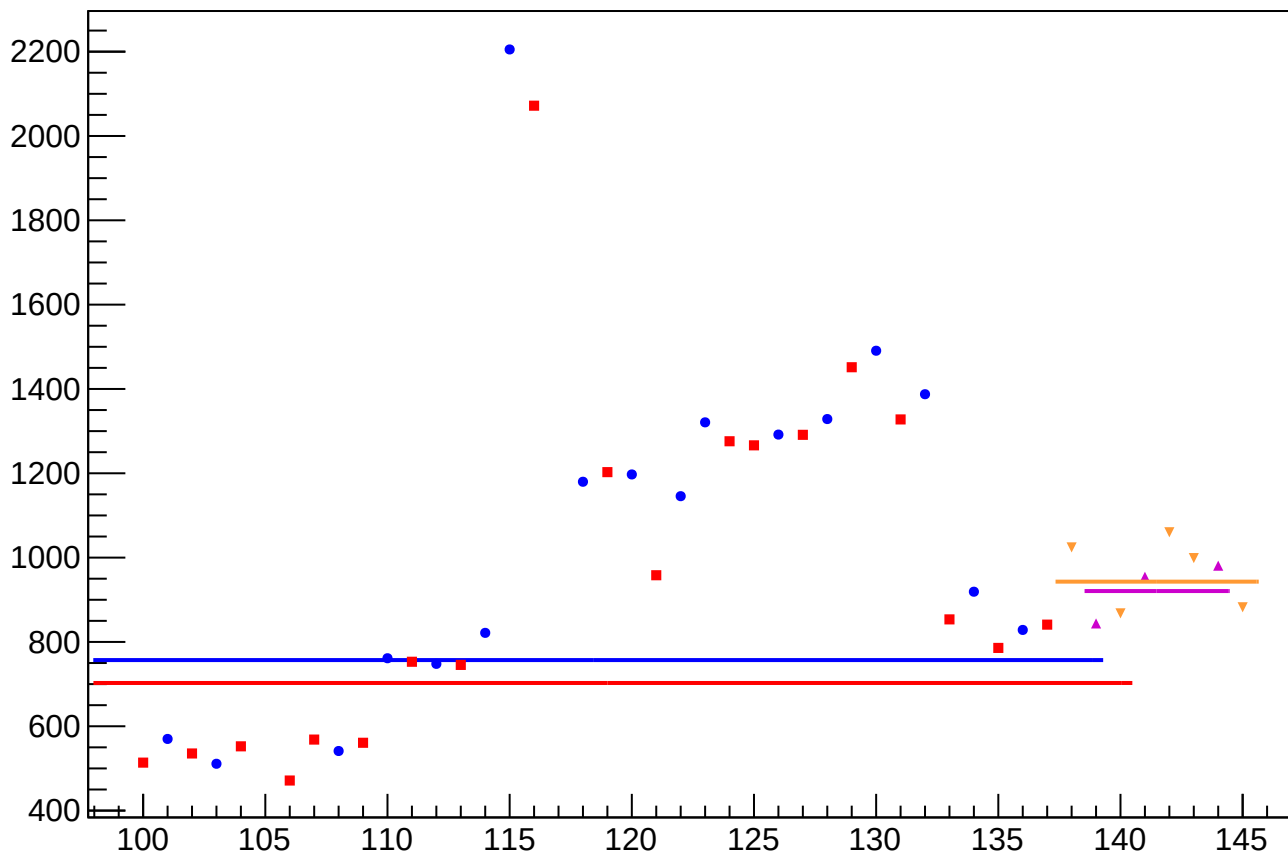
Right: -339.397 ± 209.669 $\chi^2/\text{NDF}: 39.5/35$

In: -386.539 ± 275.831 $\chi^2/\text{NDF}: 20.9/19$

Out: -232.888 ± 247.763 $\chi^2/\text{NDF}: 29.6/23$

All: -301.501 ± 184.322 $\chi^2/\text{NDF}: 50.7/43$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 943.011 $\pm$ 0.364 χ^2 /NDF:43056.1/4

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

Left In: 920.699 $\pm$ 0.415 χ^2 /NDF:21458.5/2

Left: 933.322 $\pm$ 0.273 χ^2 /NDF: 66150.1/7

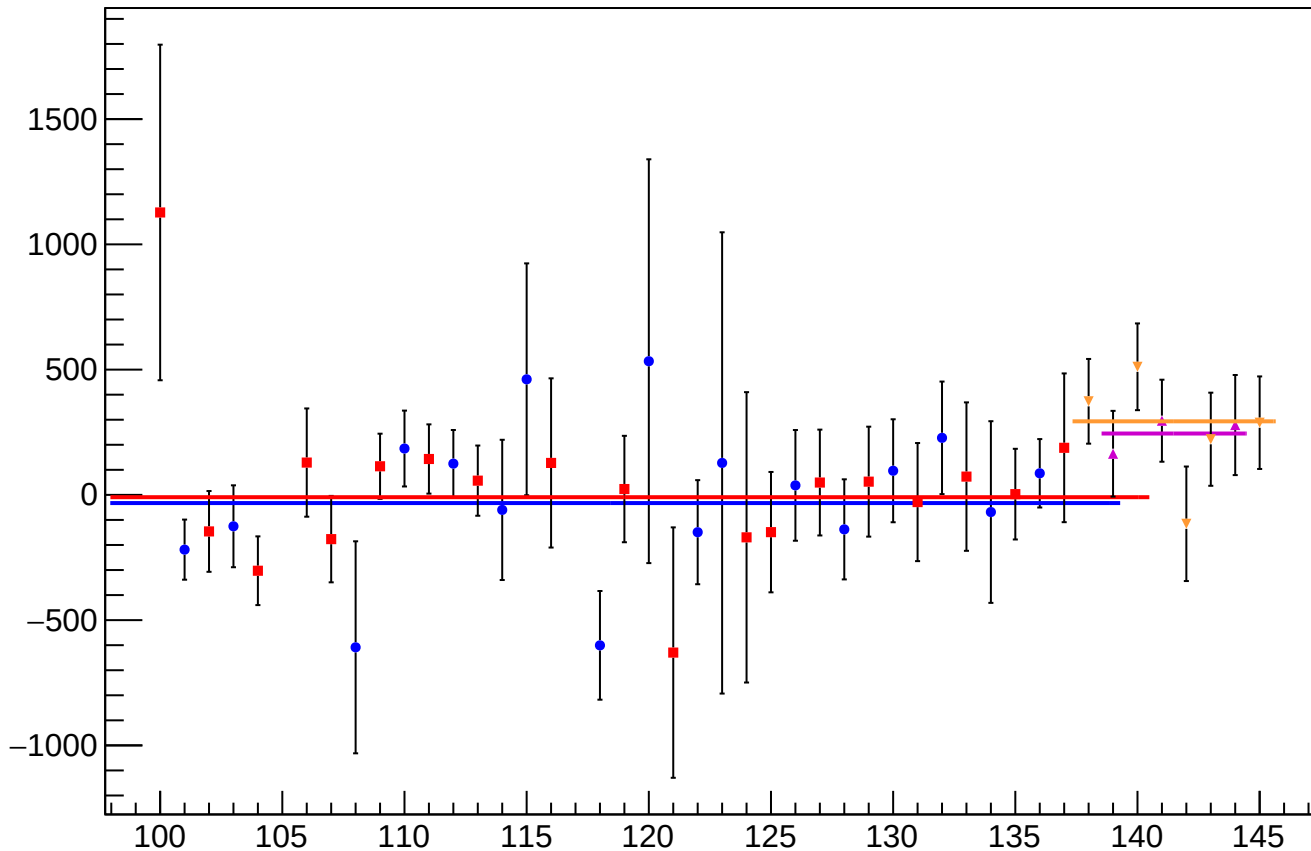
Right: 727.113 $\pm$ 0.148 χ^2 /NDF: 3434103.1/35

In: 793.151 $\pm$ 0.195 χ^2 /NDF:1854004.7/19

Out: 758.469 $\pm$ 0.175 χ^2 /NDF:2068207.1/23

All: 773.956 $\pm$ 0.130 χ^2 /NDF: 3939711.9/43

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 293.575 ± 82.834 χ^2/NDF : 5.2/4

Right Out: -9.277 ± 45.600 χ^2/NDF : 14.7/18

Left In: 244.919 ± 101.792 χ^2/NDF : 0.3/2

Left: 274.191 ± 64.249 χ^2/NDF : 5.6/7

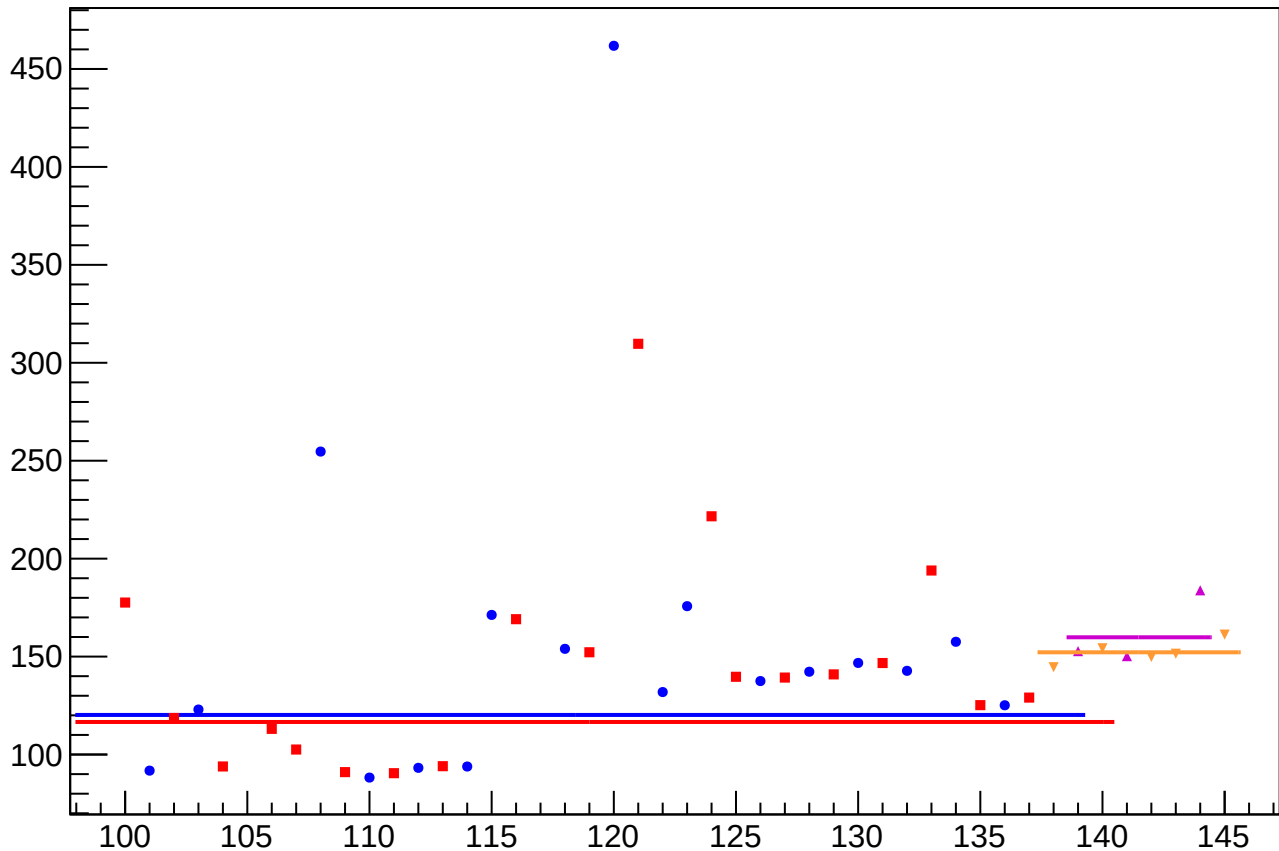
Right: -20.281 ± 33.200 χ^2/NDF : 34.6/35

In: 18.550 ± 43.733 χ^2/NDF : 26.1/19

Out: 61.157 ± 39.947 χ^2/NDF : 30.1/23

All: 41.777 ± 29.495 χ^2/NDF : 56.8/43

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 ± 0.034 χ^2/NDF : 1062326.6/16

Left Out: 152.189 ± 0.059 χ^2/NDF : 9367.8/4

Right Out: 116.618 ± 0.032 χ^2/NDF : 997956.6/18

Left In: 159.852 ± 0.072 χ^2/NDF : 39146.4/2

Left: 155.242 ± 0.045 χ^2/NDF : 55332.3/7

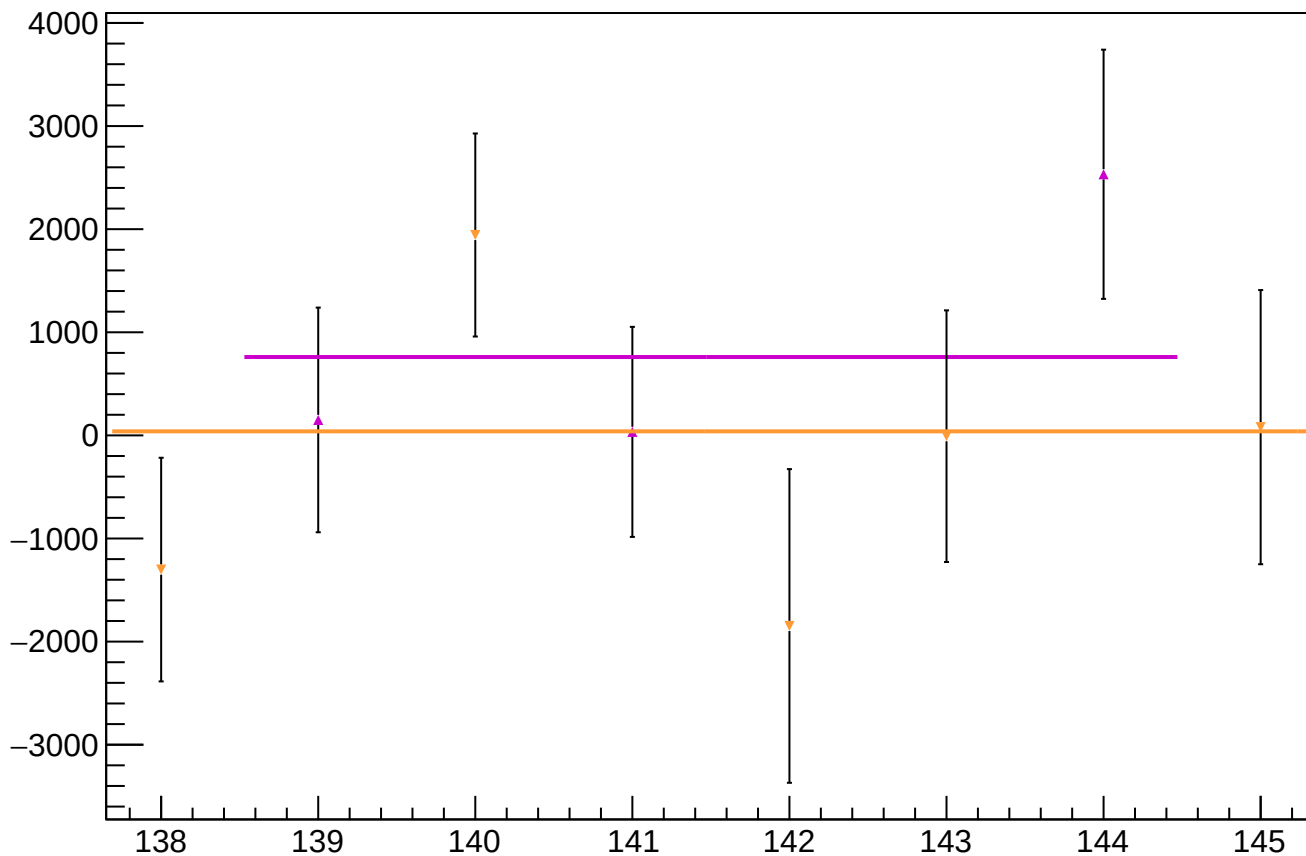
Right: 118.304 ± 0.023 χ^2/NDF : 2066104.2/35

In: 127.525 ± 0.031 χ^2/NDF : 1348850.6/19

Out: 124.891 ± 0.028 χ^2/NDF : 1290371.1/23

All: 126.089 ± 0.021 χ^2/NDF : 2643176.5/43

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 39.260+/-530.678 χ^2/NDF : 6.8/4

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

Left In: 760.052+/-633.599 χ^2/NDF : 3.0/2

Left: 336.433+/-406.831 χ^2/NDF : 10.5/7

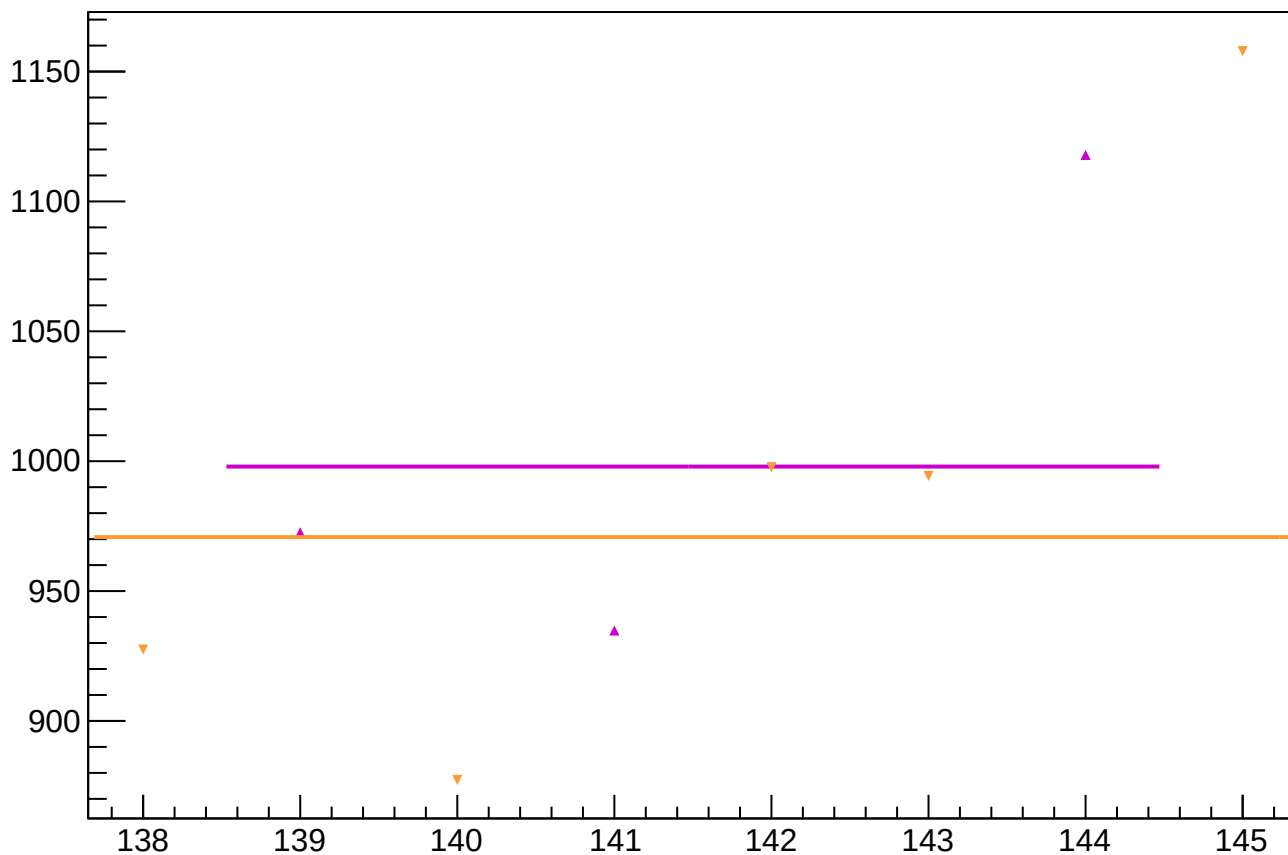
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 760.052+/-633.599 χ^2/NDF : 3.0/2

Out: 39.260+/-530.678 χ^2/NDF : 6.8/4

All: 336.433+/-406.831 χ^2/NDF : 10.5/7

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 970.777+/-0.375 χ^2/NDF :62194.1/4

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

Left In: 997.933+/-0.448 χ^2/NDF :28472.0/2

Left: 981.973+/-0.288 χ^2/NDF : 92825.4/7

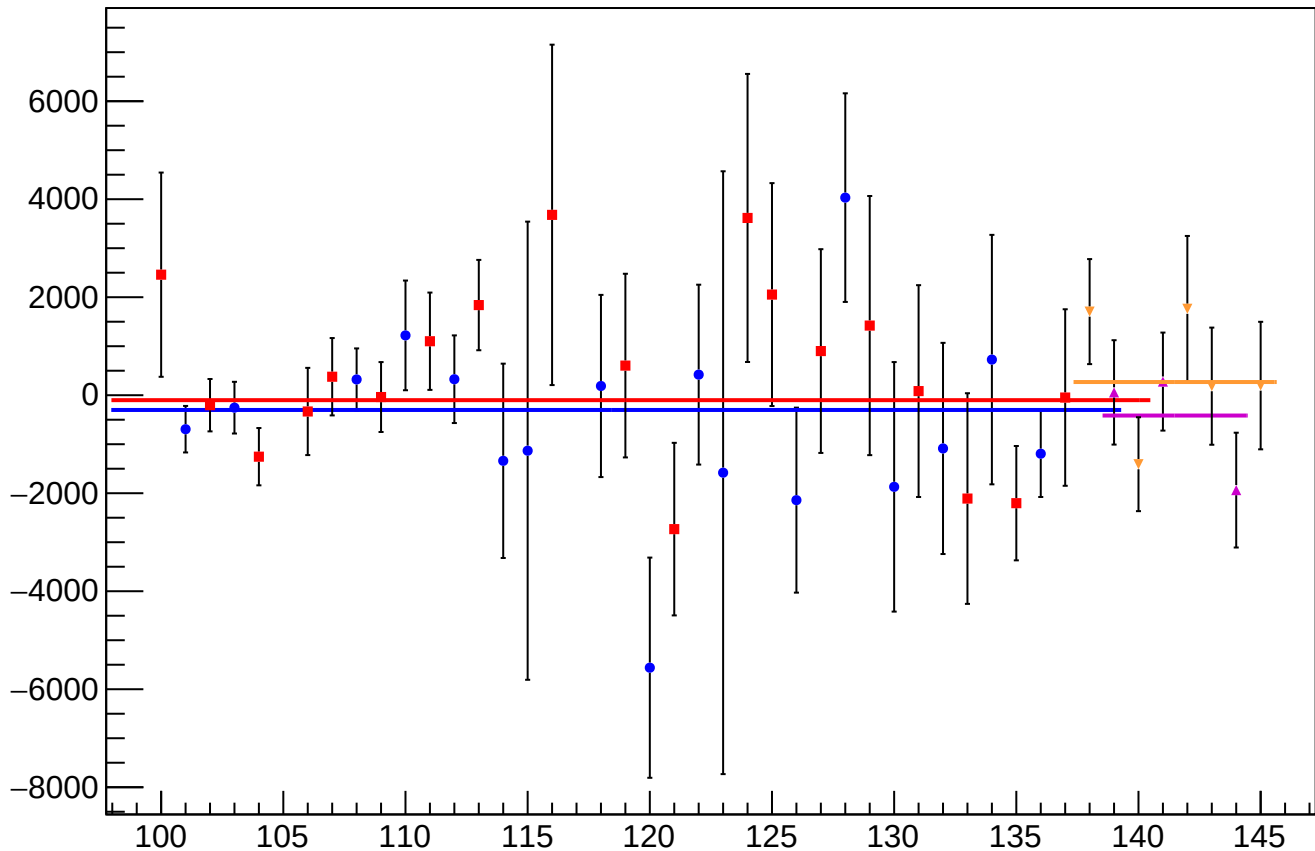
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 997.933+/-0.448 χ^2/NDF :28472.0/2

Out: 970.777+/-0.375 χ^2/NDF :62194.1/4

All: 981.973+/-0.288 χ^2/NDF : 92825.4/7

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 ± 250.042 $\chi^2/\text{NDF}: 16.8/16$

Left Out: 269.165 ± 519.649 $\chi^2/\text{NDF}: 5.9/4$

Right Out: -100.857 ± 245.981 $\chi^2/\text{NDF}: 22.5/18$

Left In: -414.752 ± 619.004 $\chi^2/\text{NDF}: 2.4/2$

Left: -13.569 ± 397.997 $\chi^2/\text{NDF}: 9.0/7$

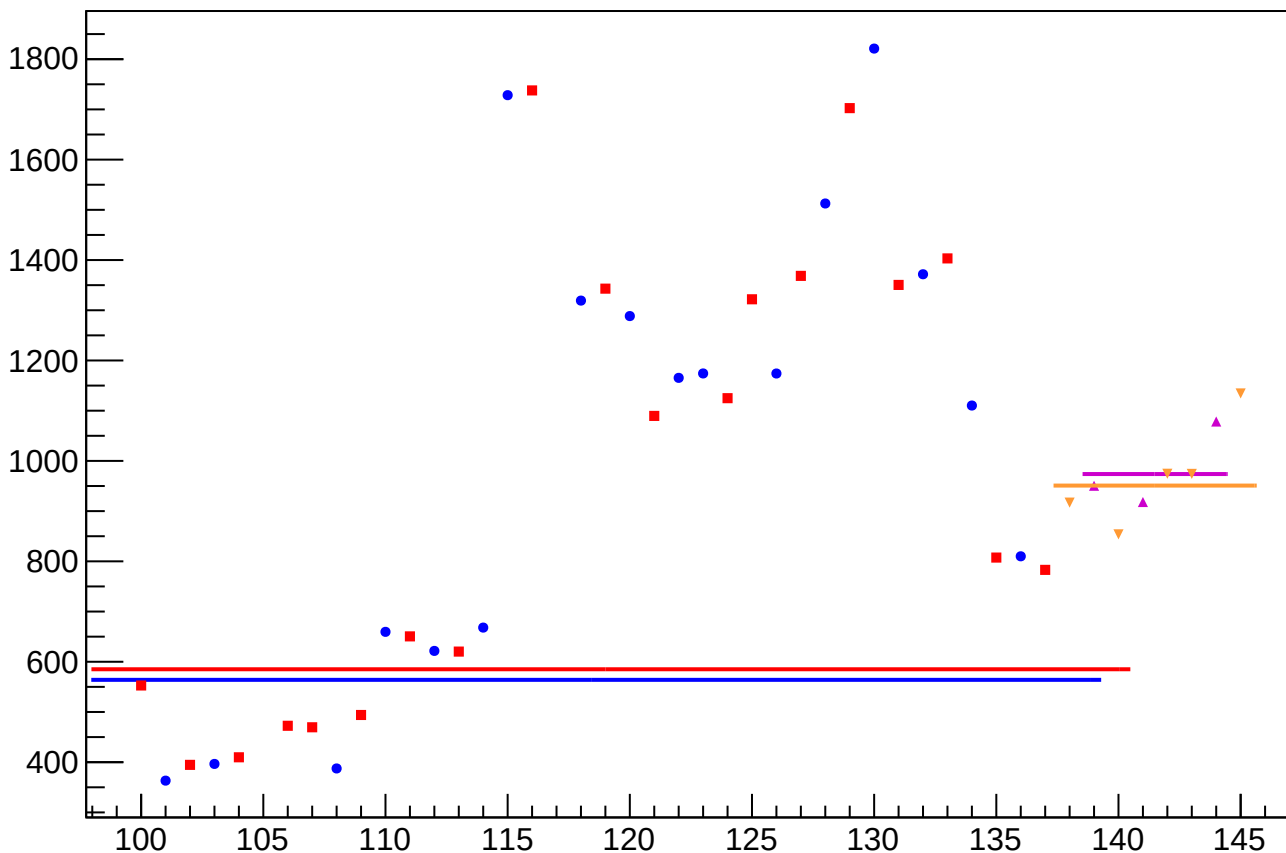
Right: -199.290 ± 175.353 $\chi^2/\text{NDF}: 39.7/35$

In: -316.957 ± 231.842 $\chi^2/\text{NDF}: 19.2/19$

Out: -33.124 ± 222.330 $\chi^2/\text{NDF}: 28.8/23$

All: -169.099 ± 160.469 $\chi^2/\text{NDF}: 48.8/43$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 950.870 $\pm$ 0.367 χ^2 /NDF: 63584.4/4

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

Left In: 973.845 $\pm$ 0.438 χ^2 /NDF: 23105.9/2

Left: 960.368 $\pm$ 0.281 χ^2 /NDF: 88306.5/7

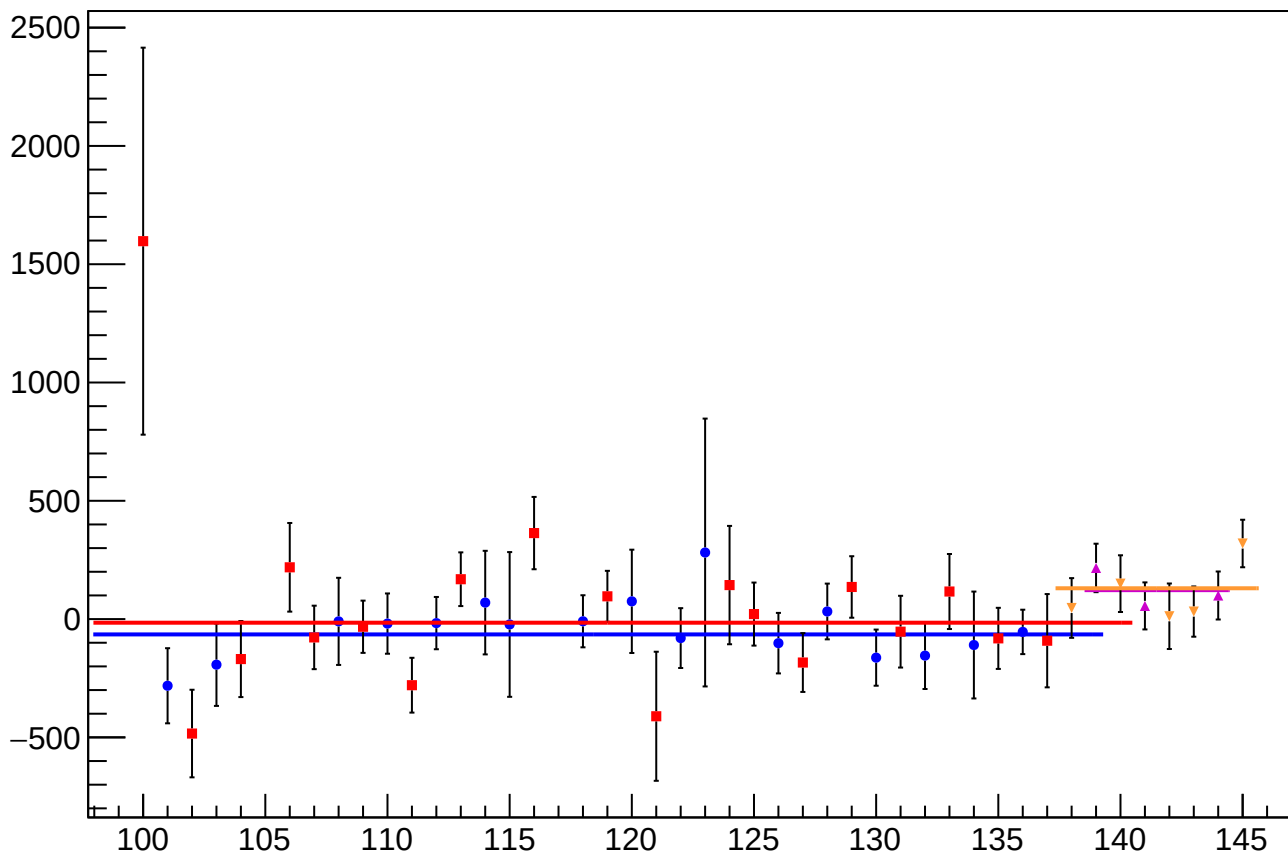
Right: 574.709 $\pm$ 0.124 χ^2 /NDF: 6089543.5/35

In: 621.496 $\pm$ 0.164 χ^2 /NDF: 4038355.8/19

Out: 652.030 $\pm$ 0.157 χ^2 /NDF: 3694062.4/23

All: 637.402 $\pm$ 0.113 χ^2 /NDF: 7750489.9/43

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 $\pm$ 34.629 χ^2 /NDF: 6.2/16

Left Out: 130.250 $\pm$ 51.827 χ^2 /NDF:5.6/4

Right Out: -15.294 $\pm$ 33.422 χ^2 /NDF: 35.0/18

Left In: 122.358 $\pm$ 58.356 χ^2 /NDF:1.3/2

Left: 126.770 $\pm$ 38.751 χ^2 /NDF: 7.0/7

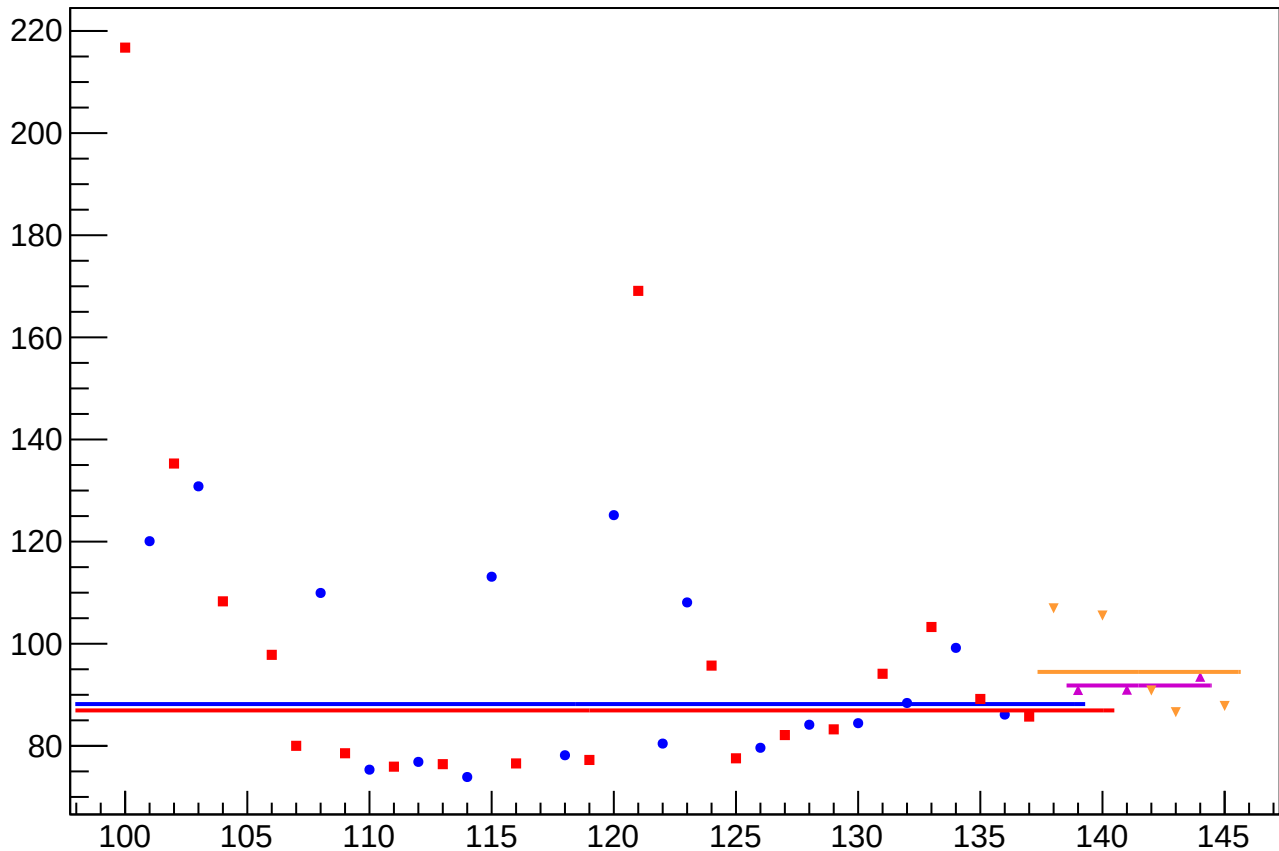
Right: -39.167 $\pm$ 24.048 χ^2 /NDF: 42.2/35

In: -16.056 $\pm$ 29.781 χ^2 /NDF:15.1/19

Out: 27.454 $\pm$ 28.088 χ^2 /NDF:46.2/23

All: 6.971 $\pm$ 20.433 χ^2 /NDF: 62.4/43

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186 $\pm$ 0.024 χ^2/NDF : 394447.7/16

Left Out: 94.486 $\pm$ 0.037 χ^2/NDF : 57666.5/4

Right Out: 86.943 $\pm$ 0.024 χ^2/NDF : 531359.9/18

Left In: 91.825 $\pm$ 0.041 χ^2/NDF : 852.3/2

Left: 93.312 $\pm$ 0.027 χ^2/NDF : 60842.7/7

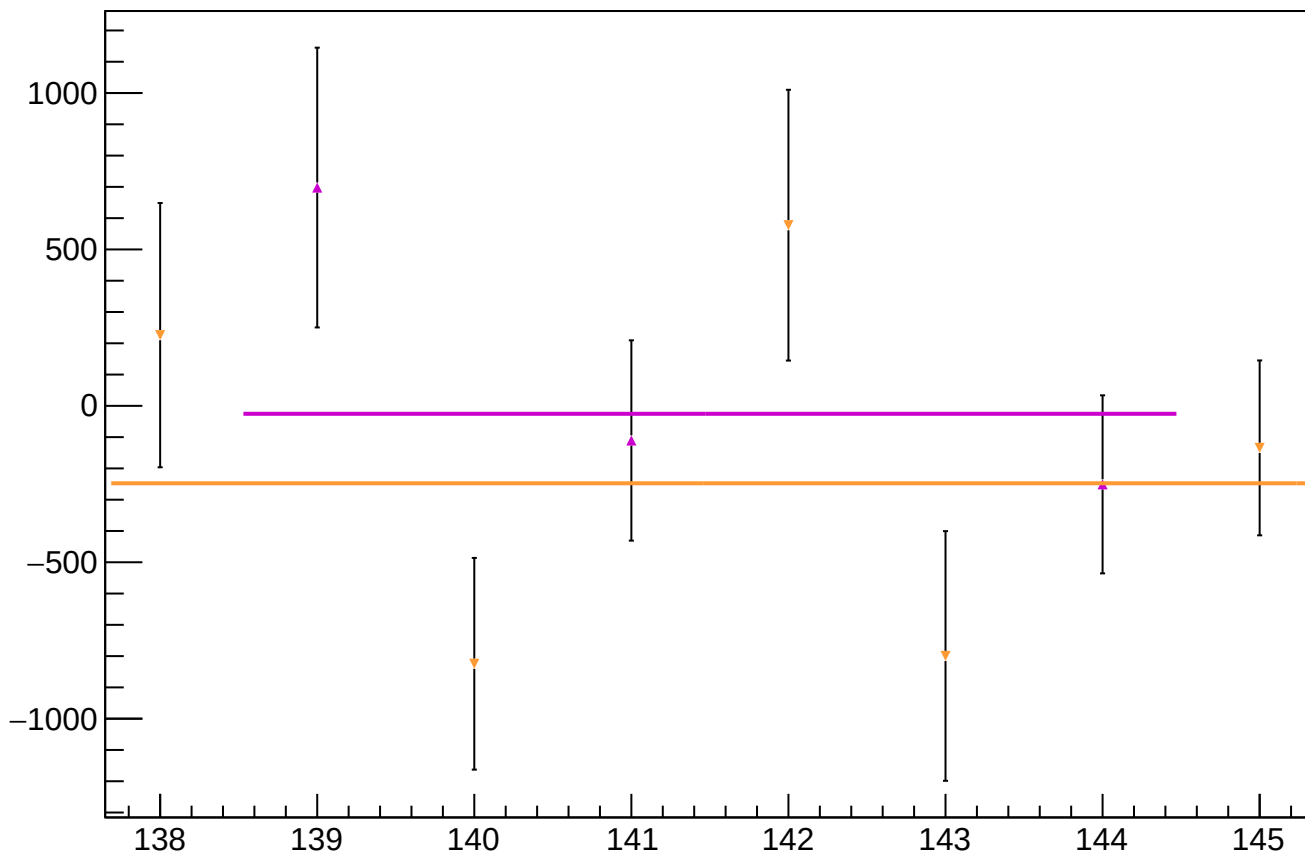
Right: 87.542 $\pm$ 0.017 χ^2/NDF : 927142.1/35

In: 89.134 $\pm$ 0.021 χ^2/NDF : 401051.7/19

Out: 89.158 $\pm$ 0.020 χ^2/NDF : 618945.3/23

All: 89.147 $\pm$ 0.014 χ^2/NDF : 1019997.6/43

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -247.500 $\pm$ 160.636 χ^2 /NDF:9.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -25.393 $\pm$ 192.084 χ^2 /NDF:3.3/2

Left: -156.094 $\pm$ 123.225 χ^2 /NDF: 14.0/7

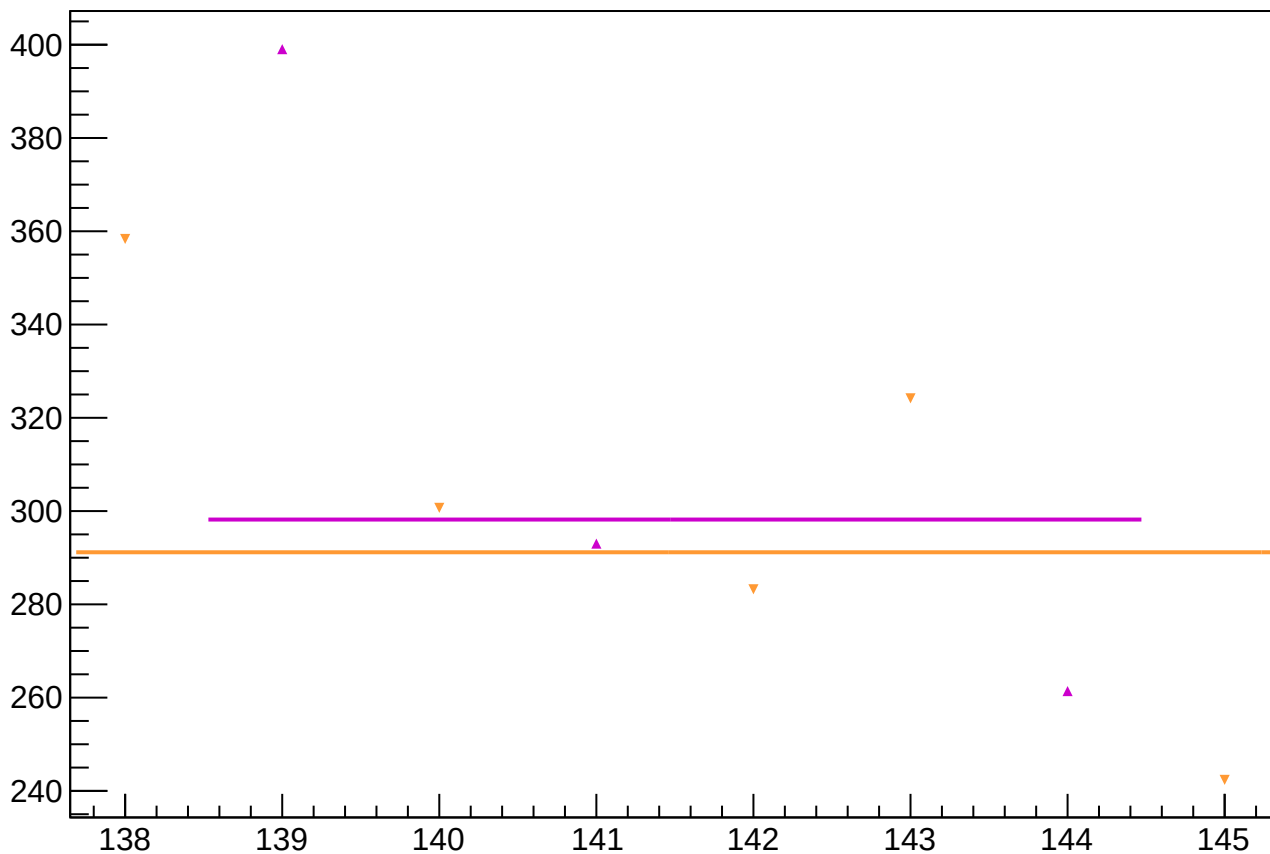
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -25.393 $\pm$ 192.084 χ^2 /NDF:3.3/2

Out: -247.500 $\pm$ 160.636 χ^2 /NDF:9.9/4

All: -156.094 $\pm$ 123.225 χ^2 /NDF: 14.0/7

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 291.169+/-0.114 χ^2/NDF :127498.3/4

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

Left In: 298.184+/-0.136 χ^2/NDF :135683.0/2

Left: 294.056+/-0.087 χ^2/NDF : 264750.8/7

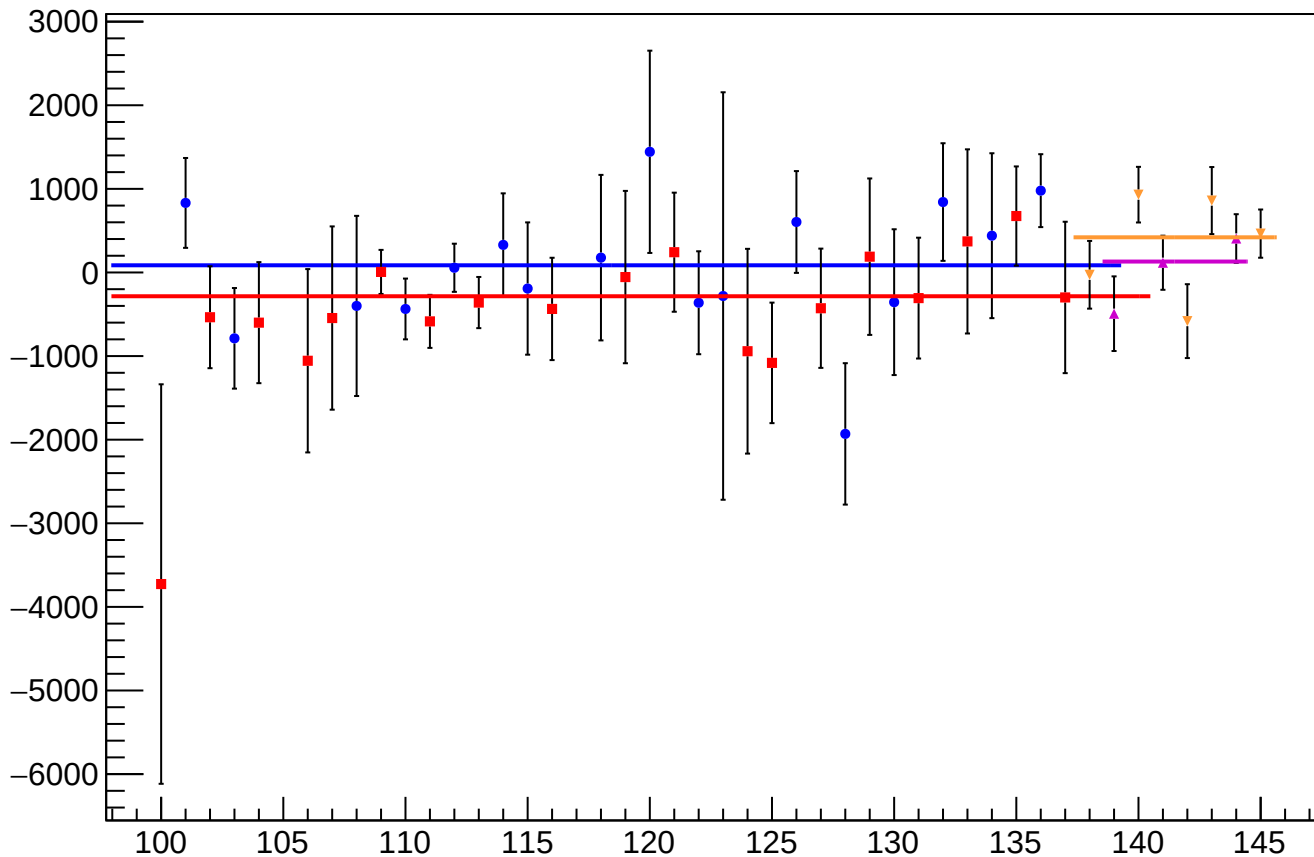
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 298.184+/-0.136 χ^2/NDF :135683.0/2

Out: 291.169+/-0.114 χ^2/NDF :127498.3/4

All: 294.056+/-0.087 χ^2/NDF : 264750.8/7

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 ± 142.601 $\chi^2/\text{NDF}: 20.6/16$

Left Out: 420.443 ± 161.180 $\chi^2/\text{NDF}: 9.9/4$

Right Out: -284.456 ± 129.599 $\chi^2/\text{NDF}: 10.6/18$

Left In: 130.536 ± 194.612 $\chi^2/\text{NDF}: 2.9/2$

Left: 302.492 ± 124.134 $\chi^2/\text{NDF}: 14.1/7$

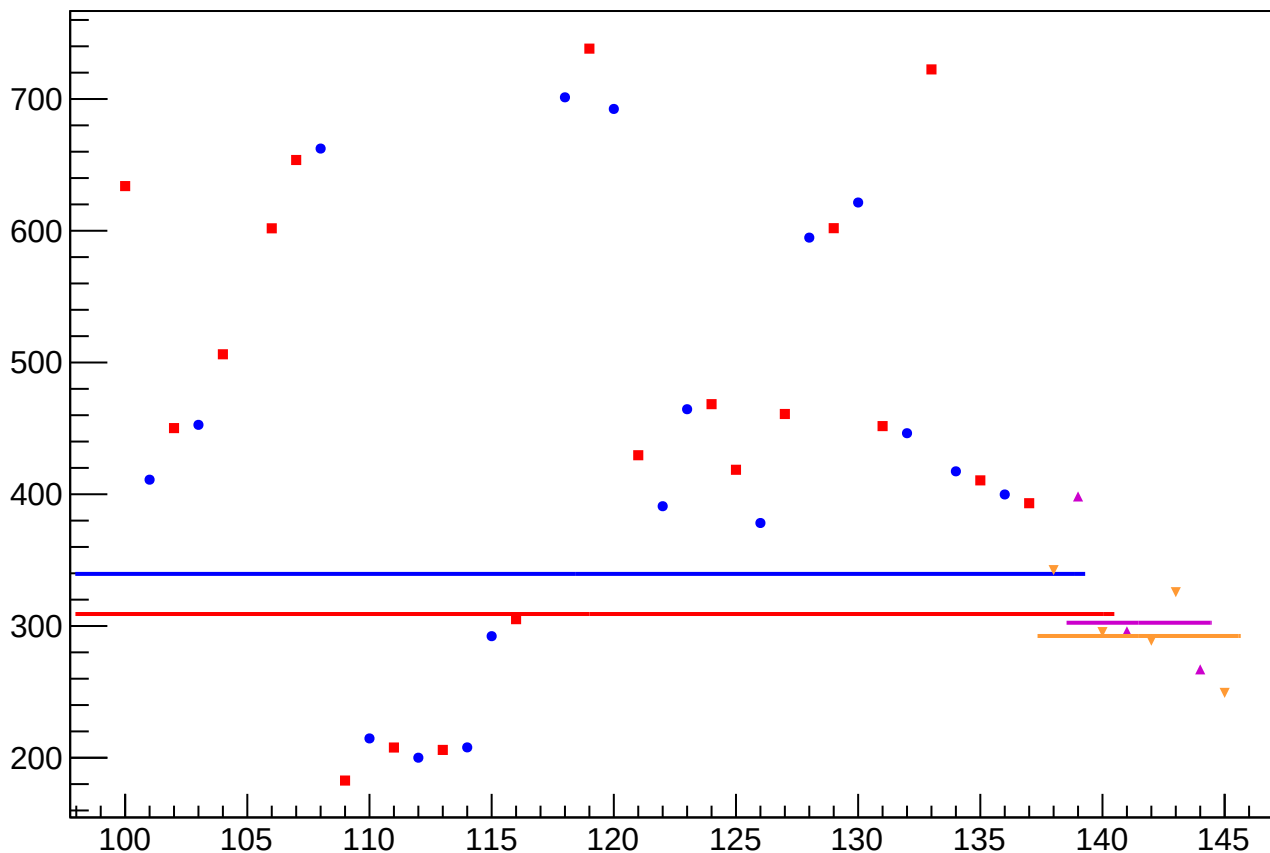
Right: -116.969 ± 95.908 $\chi^2/\text{NDF}: 34.9/35$

In: 101.435 ± 115.026 $\chi^2/\text{NDF}: 23.4/19$

Out: -7.671 ± 100.999 $\chi^2/\text{NDF}: 32.2/23$

All: 39.827 ± 75.895 $\chi^2/\text{NDF}: 56.1/43$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 +/- 0.101 χ^2/NDF : 2042244.1/16

Left Out: 292.426 +/- 0.114 χ^2/NDF : 89356.3/4

Right Out: 309.105 +/- 0.092 χ^2/NDF : 2730308.7/18

Left In: 302.477 +/- 0.138 χ^2/NDF : 122703.0/2

Left: 296.515 +/- 0.088 χ^2/NDF : 215223.6/7

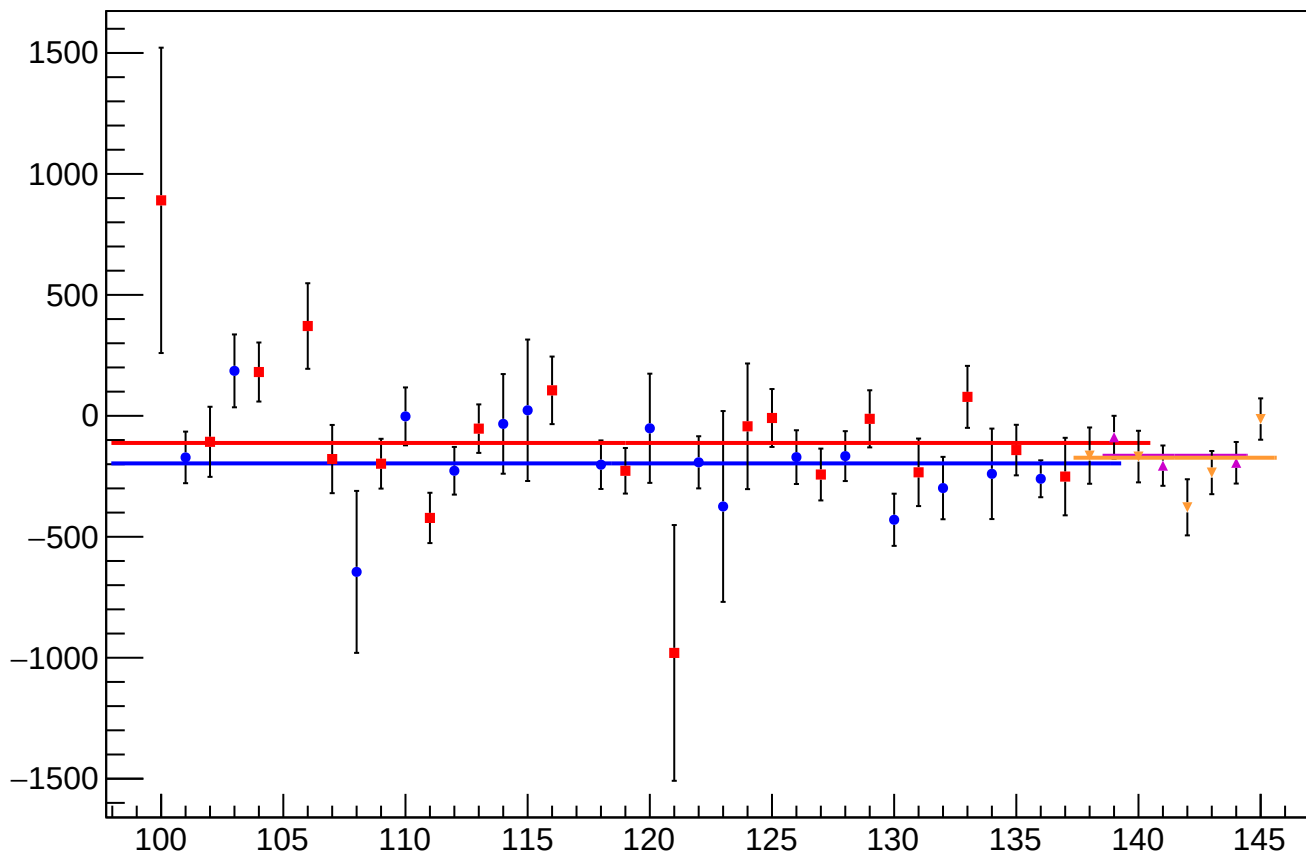
Right: 322.878 +/- 0.068 χ^2/NDF : 4822487.1/35

In: 326.600 +/- 0.081 χ^2/NDF : 2212177.4/19

Out: 302.556 +/- 0.071 χ^2/NDF : 2832672.4/23

All: 313.023 +/- 0.054 χ^2/NDF : 5094196.3/43

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 $\pm$ 30.399 χ^2/NDF : 19.0/16

Left Out: -173.182 $\pm$ 44.789 χ^2/NDF : 7.1/4

Right Out: -112.097 $\pm$ 29.622 χ^2/NDF : 39.3/18

Left In: -165.081 $\pm$ 49.561 χ^2/NDF : 1.1/2

Left: -169.540 $\pm$ 33.230 χ^2/NDF : 8.2/7

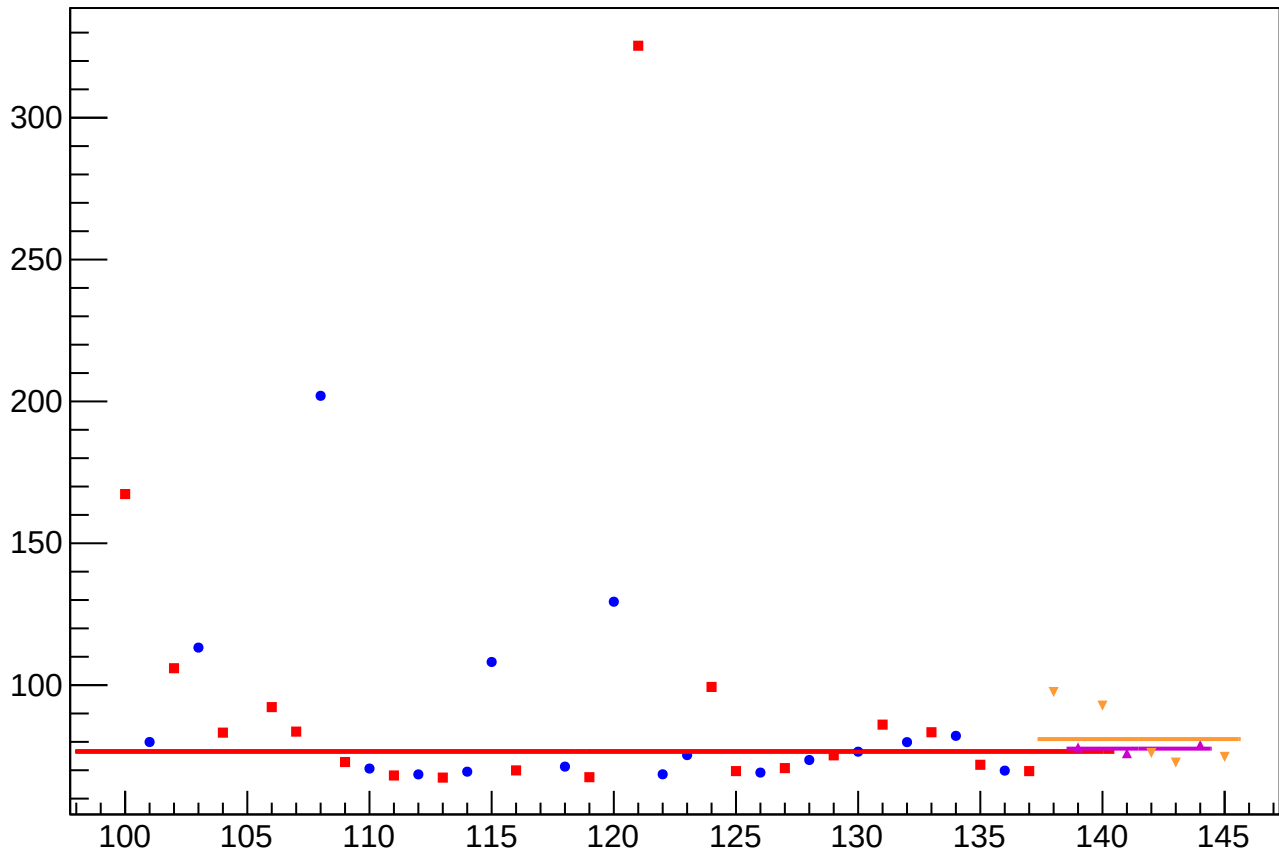
Right: -153.254 $\pm$ 21.215 χ^2/NDF : 62.3/35

In: -187.983 $\pm$ 25.913 χ^2/NDF : 20.4/19

Out: -130.685 $\pm$ 24.707 χ^2/NDF : 47.7/23

All: -157.970 $\pm$ 17.882 χ^2/NDF : 70.7/43

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 80.988 $\pm$ 0.032 χ^2 /NDF:96668.9/4

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

Left In: 77.612 $\pm$ 0.035 χ^2 /NDF:1243.9/2

Left: 79.470 $\pm$ 0.023 χ^2 /NDF: 103021.7/7

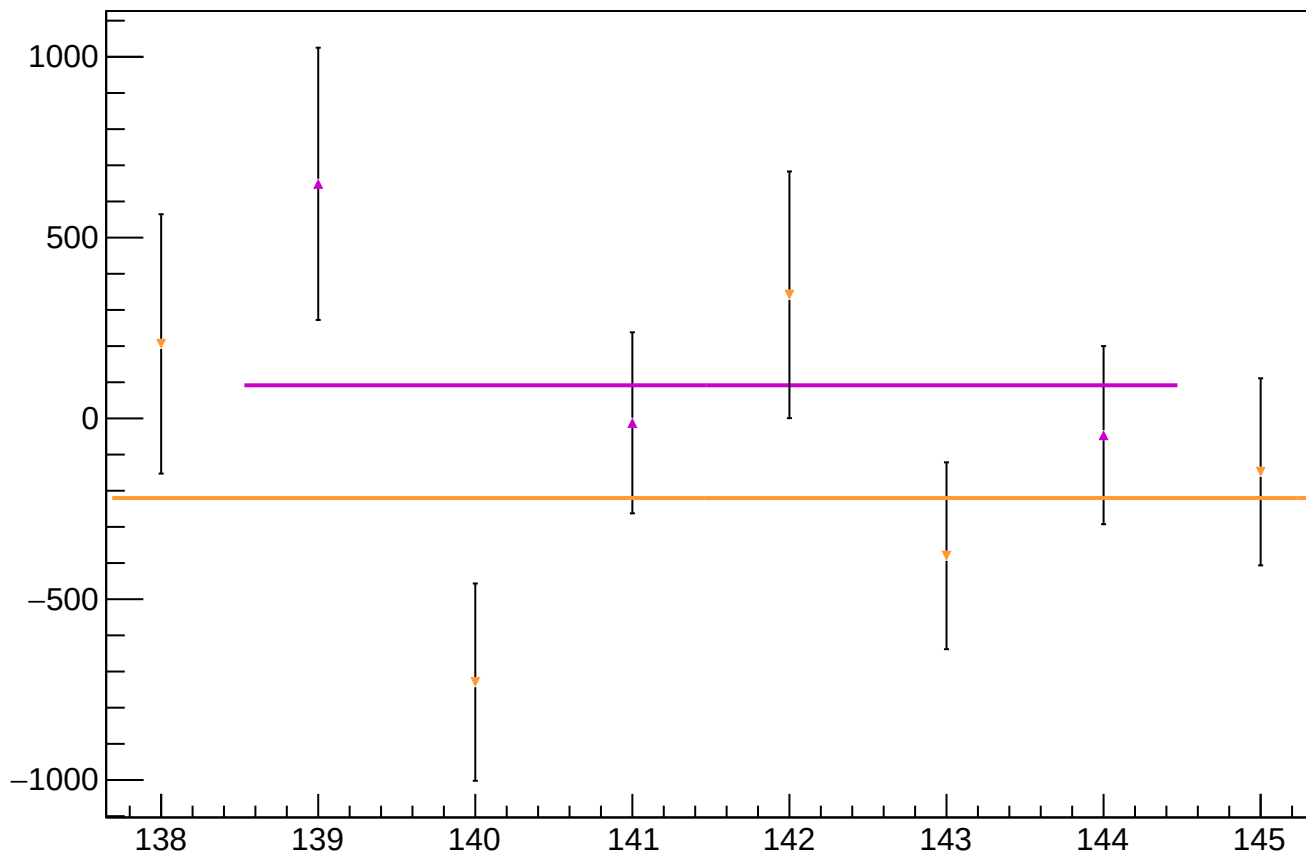
Right: 76.583 $\pm$ 0.015 χ^2 /NDF: 1299760.4/35

In: 76.944 $\pm$ 0.018 χ^2 /NDF:602092.7/19

Out: 77.851 $\pm$ 0.017 χ^2 /NDF:810134.3/23

All: 77.419 $\pm$ 0.013 χ^2 /NDF: 1413511.8/43

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -220.220+/-129.403 χ^2/NDF :8.1/4

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

Left In: 91.619+/-159.125 χ^2/NDF :2.7/2

Left: -96.086+/-100.396 χ^2/NDF : 13.1/7

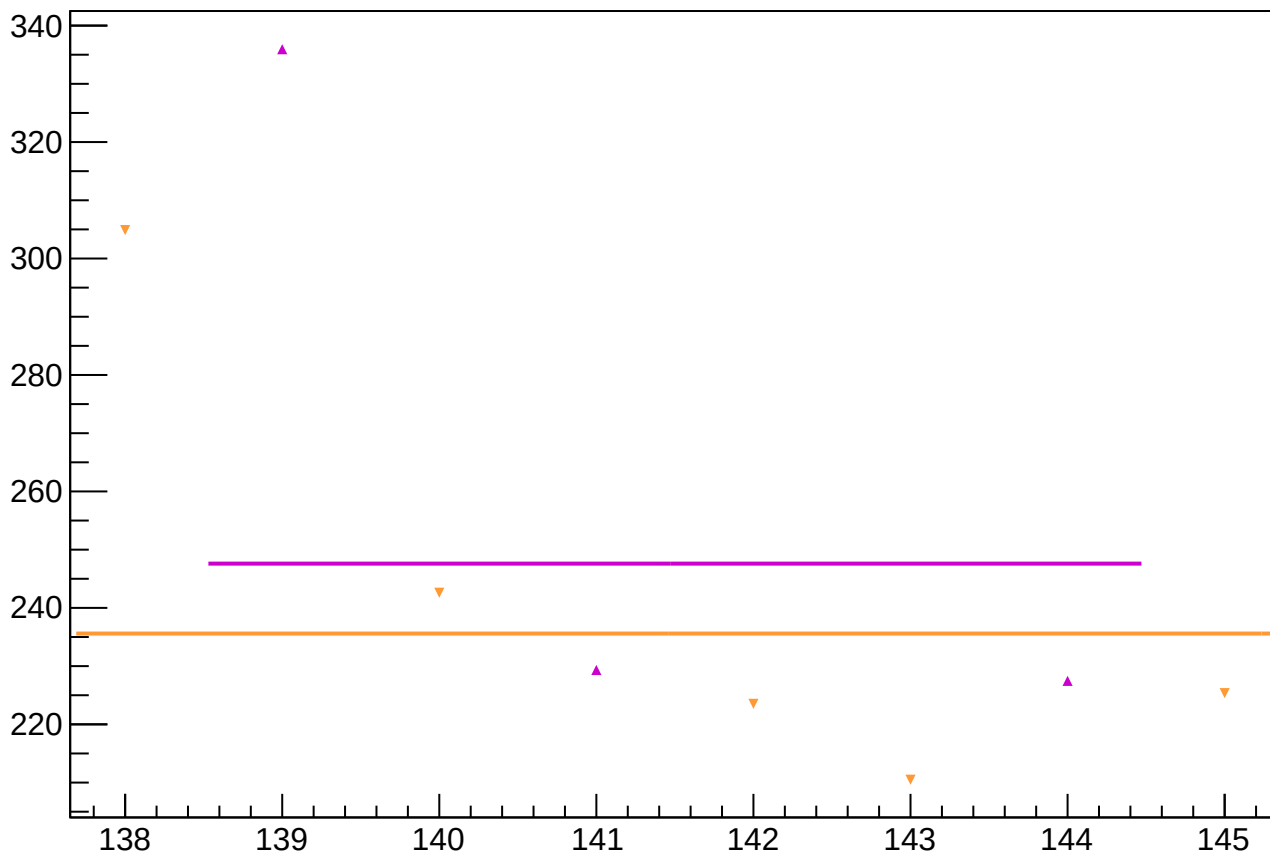
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.619+/-159.125 χ^2/NDF :2.7/2

Out: -220.220+/-129.403 χ^2/NDF :8.1/4

All: -96.086+/-100.396 χ^2/NDF : 13.1/7

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 235.595+/-0.092 χ^2/NDF :100471.7/4

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

Left In: 247.602+/-0.113 χ^2/NDF :134112.1/2

Left: 240.375+/-0.071 χ^2/NDF : 241438.4/7

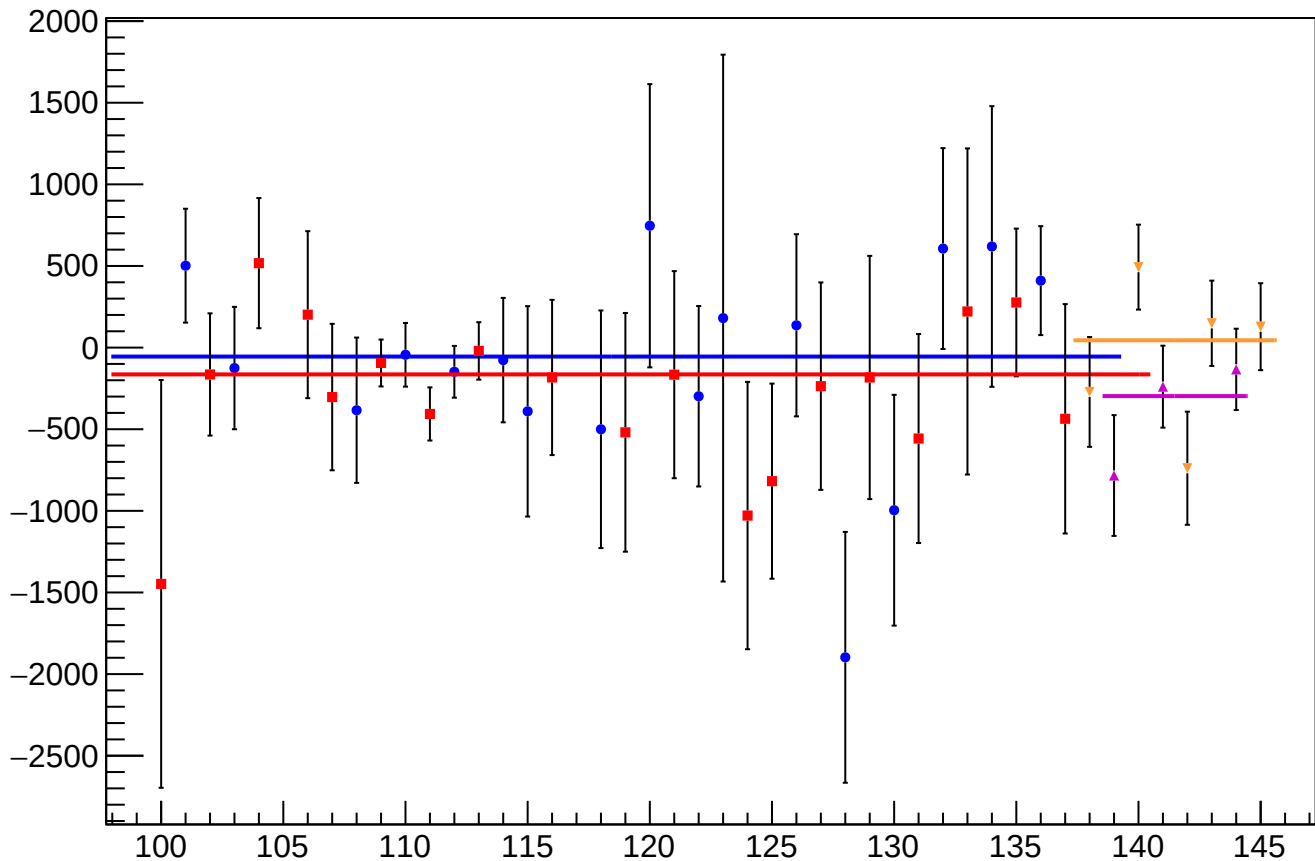
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.602+/-0.113 χ^2/NDF :134112.1/2

Out: 235.595+/-0.092 χ^2/NDF :100471.7/4

All: 240.375+/-0.071 χ^2/NDF : 241438.4/7

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF : 16.5/16

Left Out: 44.738+/-128.372 χ^2/NDF : 9.2/4

Right Out: -164.141+/-76.903 χ^2/NDF : 11.9/18

Left In: -297.084+/-159.512 χ^2/NDF : 2.2/2

Left: -89.625+/-100.008 χ^2/NDF : 14.2/7

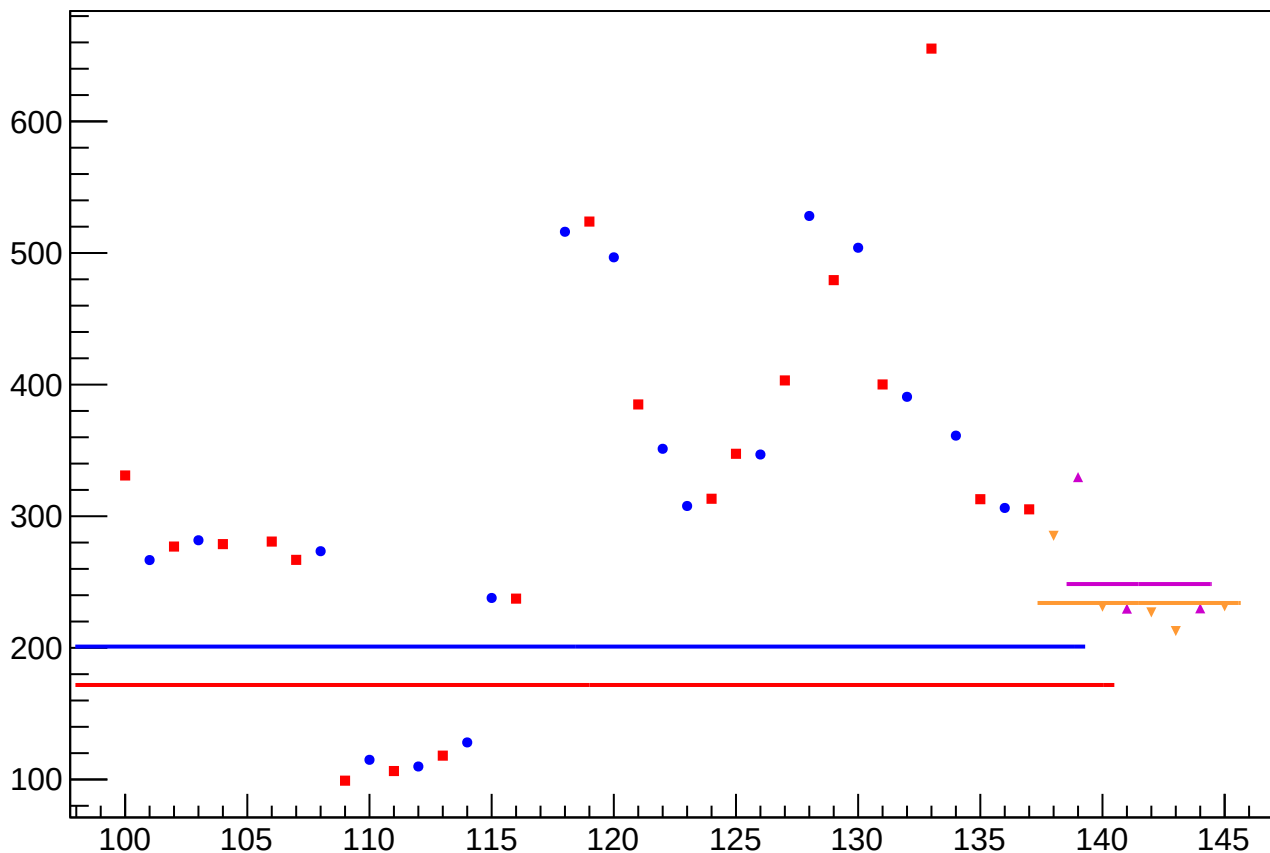
Right: -118.264+/-58.563 χ^2/NDF : 29.3/35

In: -113.756+/-78.618 χ^2/NDF : 20.5/19

Out: -108.976+/-65.971 χ^2/NDF : 23.1/23

All: -110.951+/-50.536 χ^2/NDF : 43.6/43

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 234.101+/-0.091 χ^2/NDF : 60638.9/4

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

Left In: 248.483+/-0.113 χ^2/NDF : 118528.5/2

Left: 239.754+/-0.071 χ^2/NDF : 189034.4/7

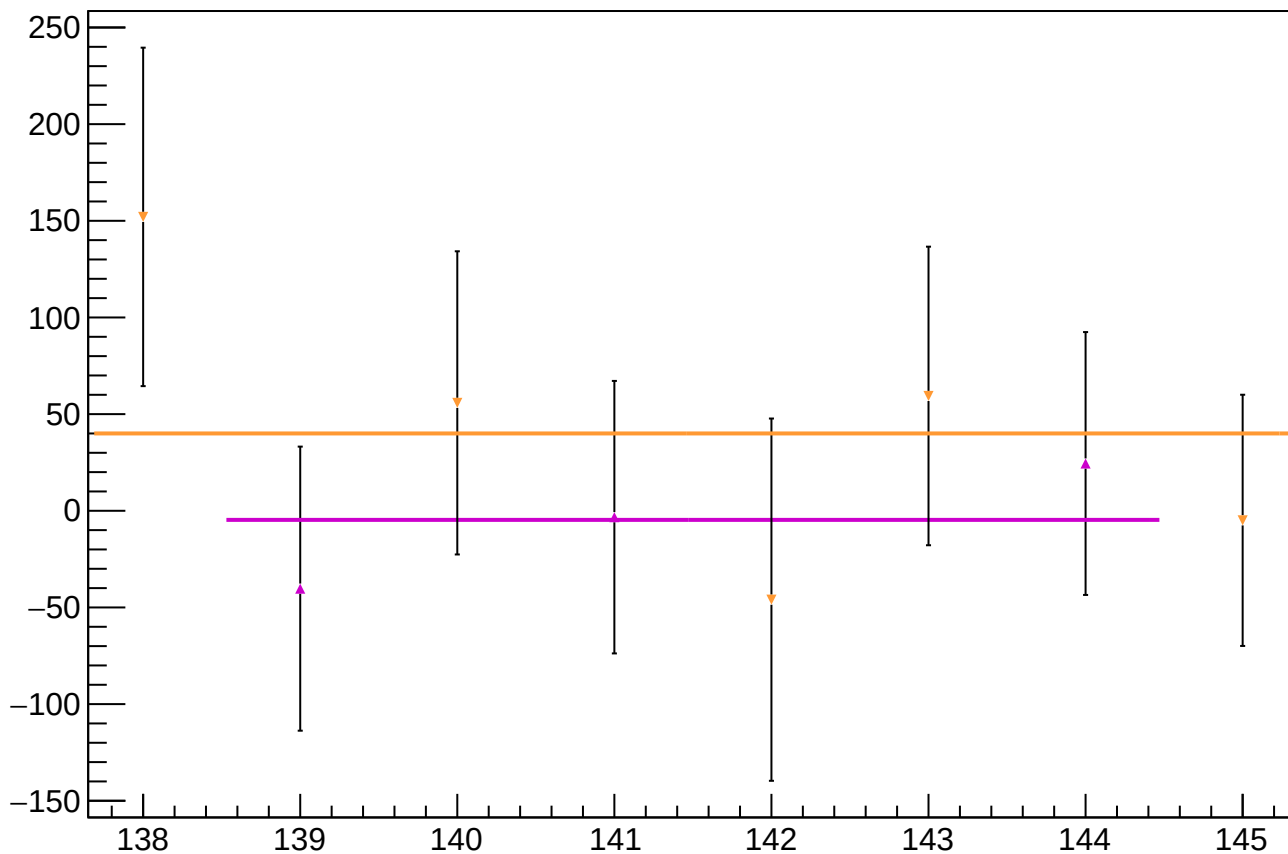
Right: 184.051+/-0.041 χ^2/NDF : 7649725.9/35

In: 212.512+/-0.056 χ^2/NDF : 3689018.5/19

Out: 188.249+/-0.047 χ^2/NDF : 4500001.3/23

All: 198.275+/-0.036 χ^2/NDF : 8300800.4/43

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 40.007 $\pm$ 35.102 χ^2 /NDF:3.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -4.702 $\pm$ 40.727 χ^2 /NDF:0.4/2

Left: 20.951 $\pm$ 26.589 χ^2 /NDF: 4.2/7

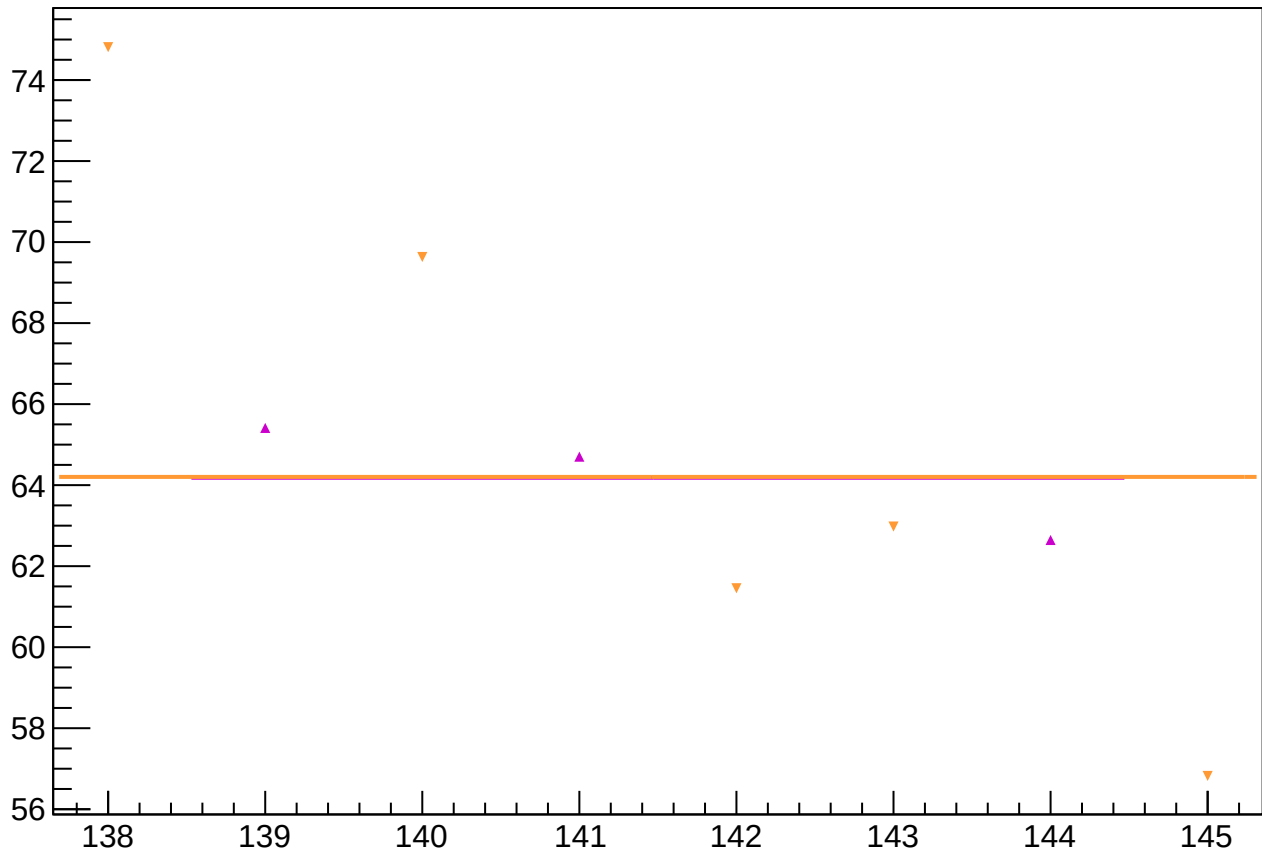
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.702 $\pm$ 40.727 χ^2 /NDF:0.4/2

Out: 40.007 $\pm$ 35.102 χ^2 /NDF:3.1/4

All: 20.951 $\pm$ 26.589 χ^2 /NDF: 4.2/7

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 64.203+/-0.025 χ^2/NDF :66993.9/4

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

Left In: 64.183+/-0.029 χ^2/NDF :1690.6/2

Left: 64.195+/-0.019 χ^2/NDF : 68684.8/7

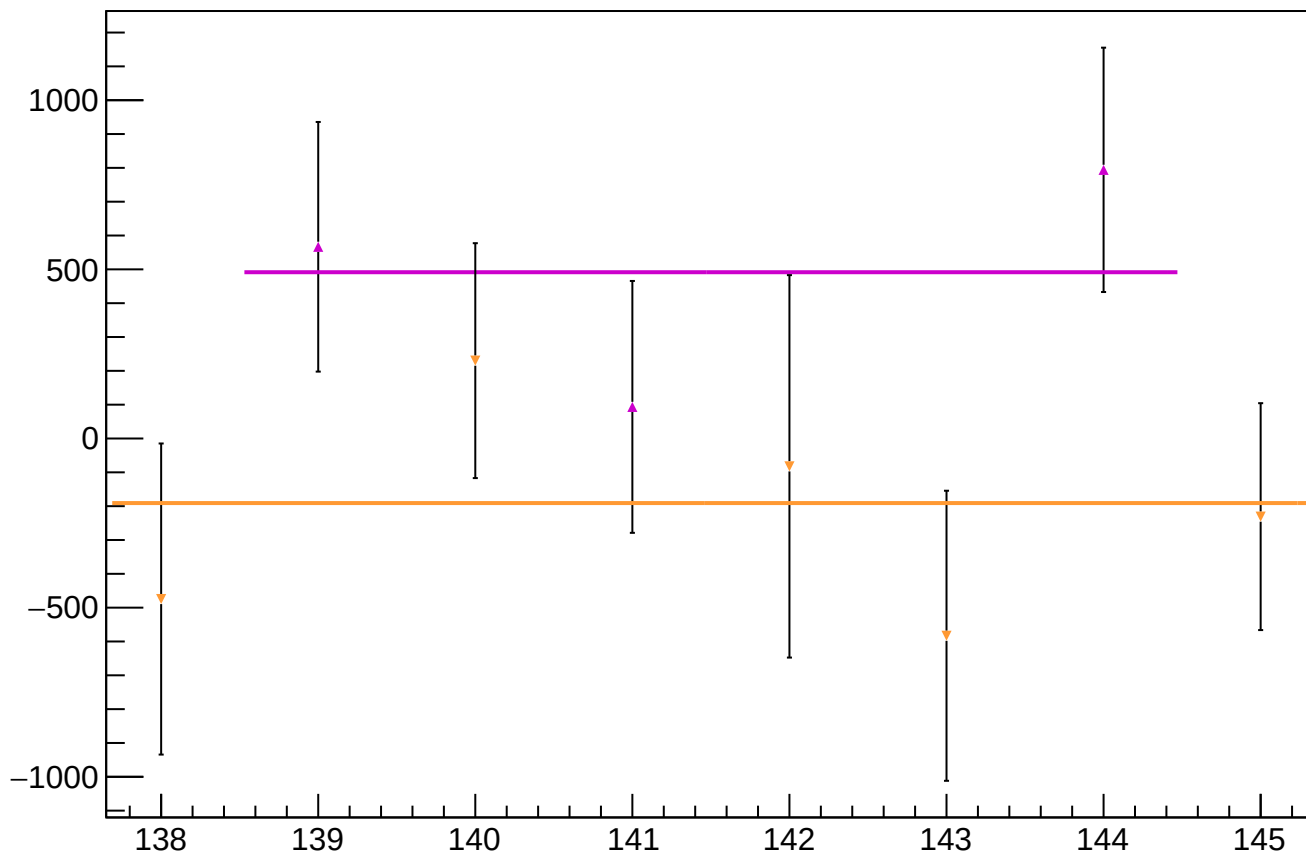
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 64.183+/-0.029 χ^2/NDF :1690.6/2

Out: 64.203+/-0.025 χ^2/NDF :66993.9/4

All: 64.195+/-0.019 χ^2/NDF : 68684.8/7

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -190.845+/-181.102 χ^2/NDF :2.7/4

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

Left In: 491.517+/-212.101 χ^2/NDF :1.9/2

Left: 96.873+/-137.727 χ^2/NDF : 10.6/7

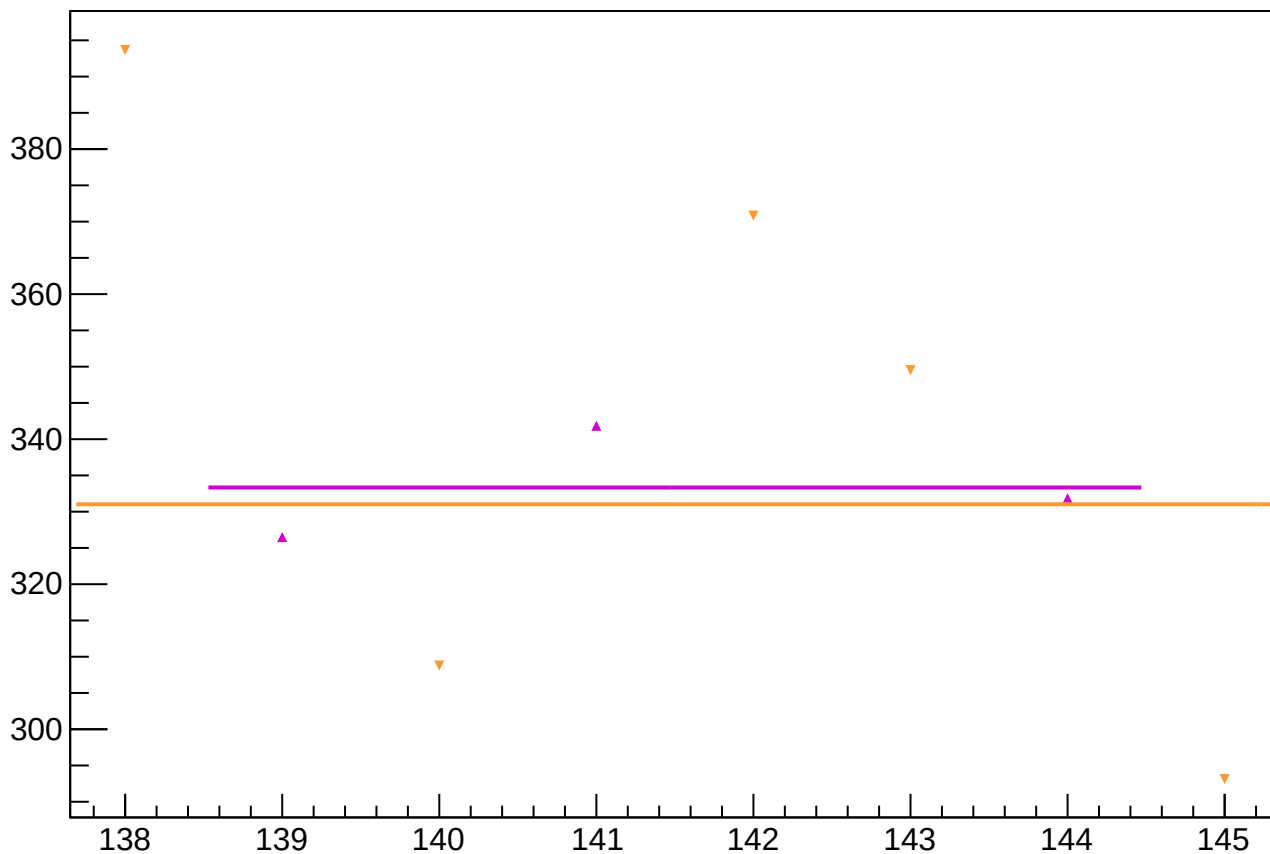
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 491.517+/-212.101 χ^2/NDF :1.9/2

Out: -190.845+/-181.102 χ^2/NDF :2.7/4

All: 96.873+/-137.727 χ^2/NDF : 10.6/7

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 331.021+/-0.128 χ^2/NDF :84506.2/4

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

Left In: 333.334+/-0.150 χ^2/NDF :1763.8/2

Left: 331.996+/-0.097 χ^2/NDF : 86407.6/7

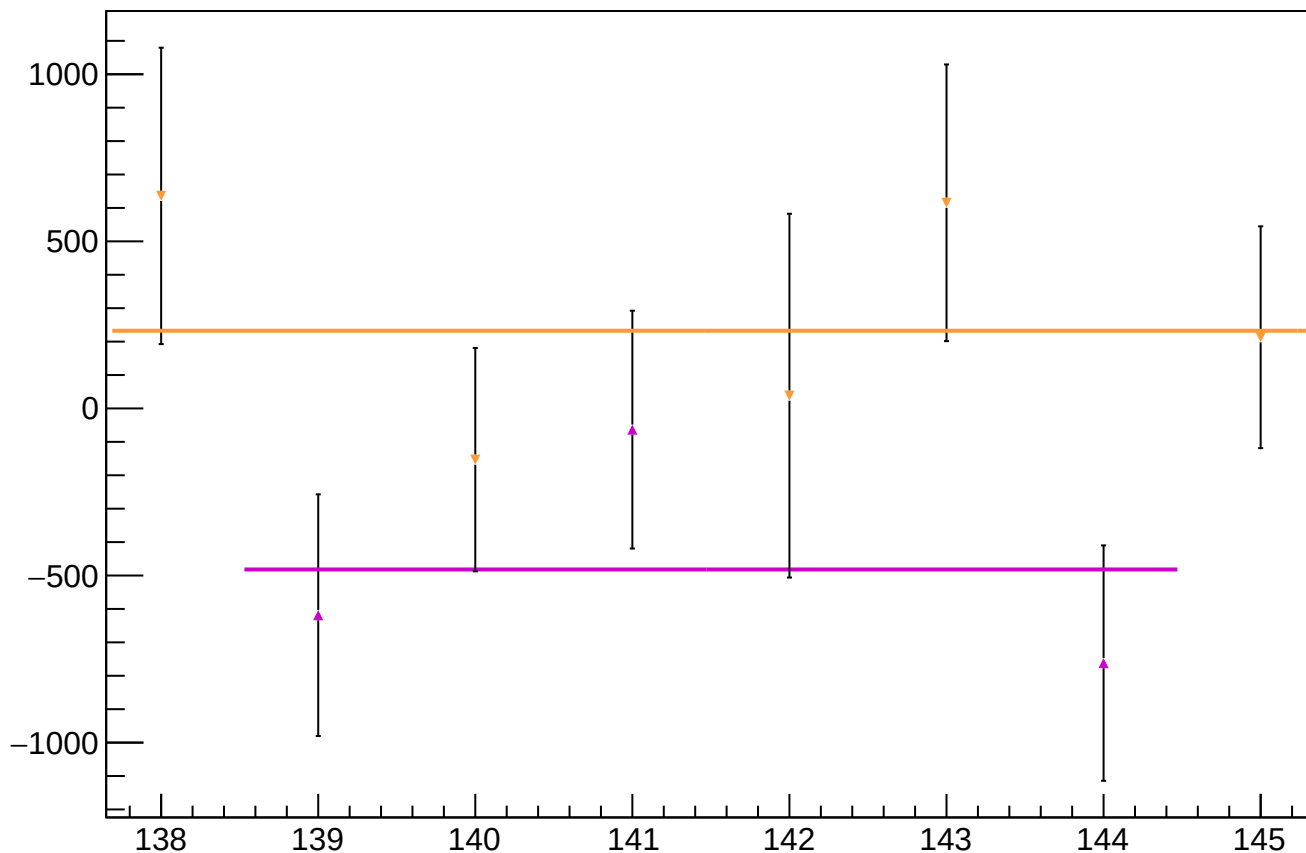
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 333.334+/-0.150 χ^2/NDF :1763.8/2

Out: 331.021+/-0.128 χ^2/NDF :84506.2/4

All: 331.996+/-0.097 χ^2/NDF : 86407.6/7

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 232.503+/-175.897 χ^2/NDF : 3.1/4

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

Left In: -481.890+/-205.811 χ^2/NDF : 2.2/2

Left: -69.048+/-133.716 χ^2/NDF : 12.3/7

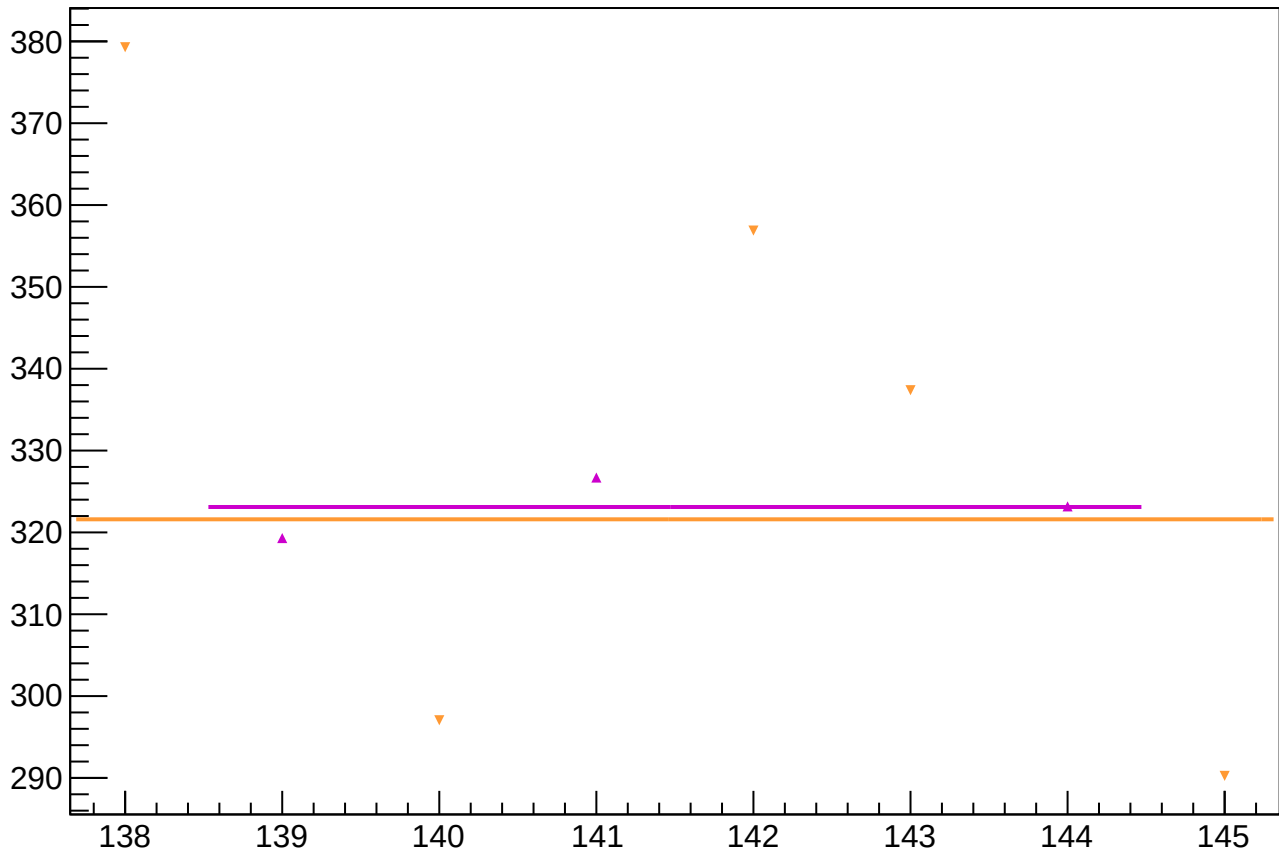
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -481.890+/-205.811 χ^2/NDF : 2.2/2

Out: 232.503+/-175.897 χ^2/NDF : 3.1/4

All: -69.048+/-133.716 χ^2/NDF : 12.3/7

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 321.600+/-0.124 χ^2/NDF : 73765.5/4

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

Left In: 323.105+/-0.146 χ^2/NDF : 425.1/2

Left: 322.235+/-0.095 χ^2/NDF : 74252.4/7

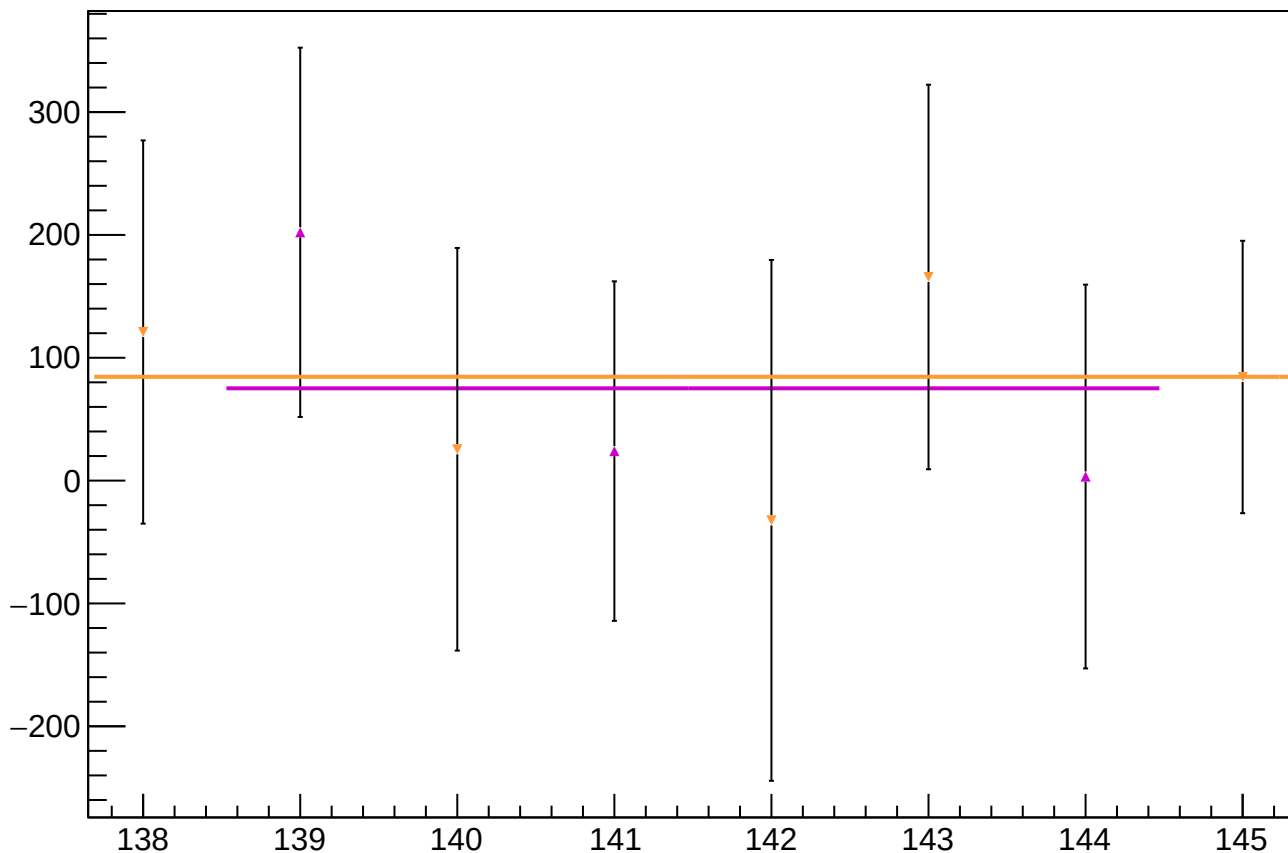
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 323.105+/-0.146 χ^2/NDF : 425.1/2

Out: 321.600+/-0.124 χ^2/NDF : 73765.5/4

All: 322.235+/-0.095 χ^2/NDF : 74252.4/7

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 84.525 $\pm$ 67.005 χ^2 /NDF:0.8/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 75.140 $\pm$ 85.253 χ^2 /NDF:1.1/2

Left: 80.941 $\pm$ 52.681 χ^2 /NDF: 1.8/7

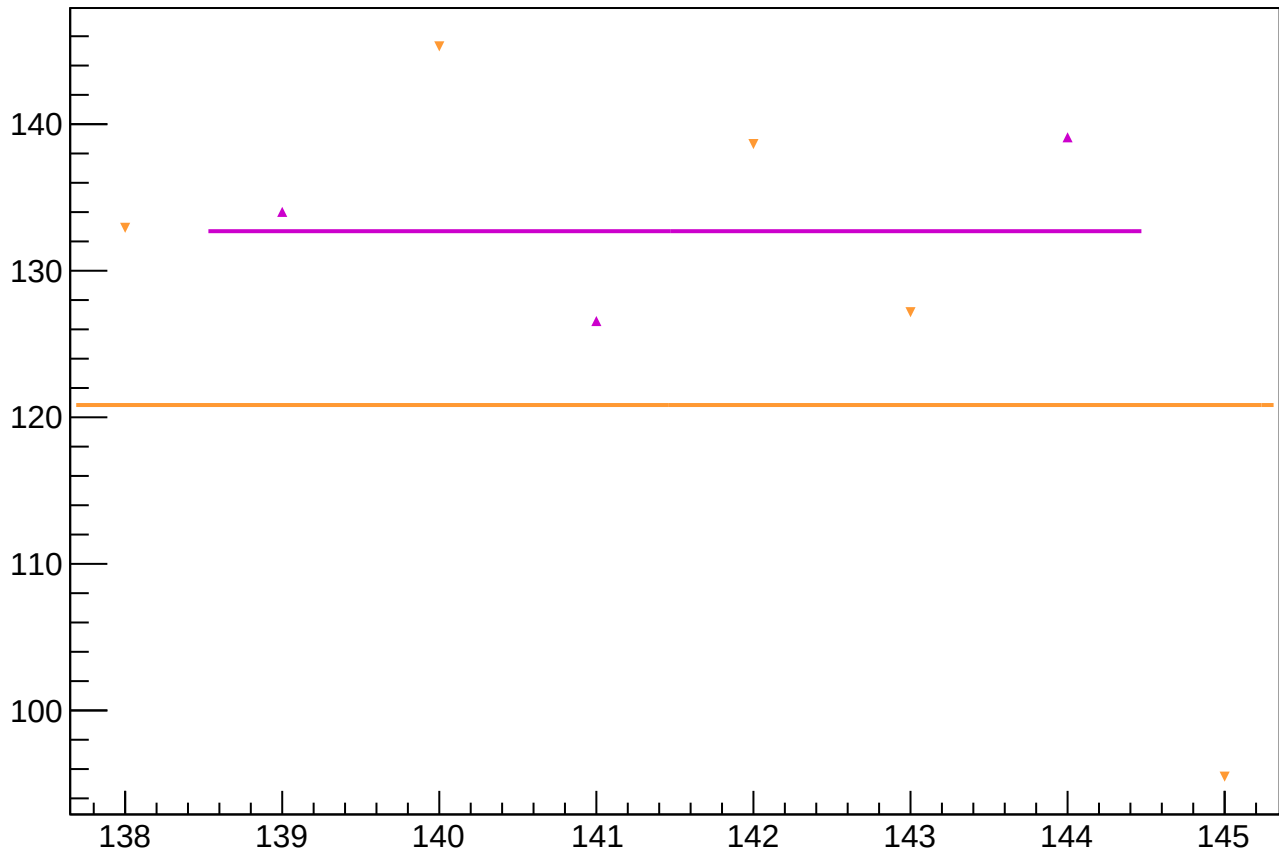
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 75.140 $\pm$ 85.253 χ^2 /NDF:1.1/2

Out: 84.525 $\pm$ 67.005 χ^2 /NDF:0.8/4

All: 80.941 $\pm$ 52.681 χ^2 /NDF: 1.8/7

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 120.838+/-0.047 χ^2/NDF :178583.4/4

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

Left In: 132.698+/-0.060 χ^2/NDF :7452.6/2

Left: 125.367+/-0.037 χ^2/NDF : 209964.4/7

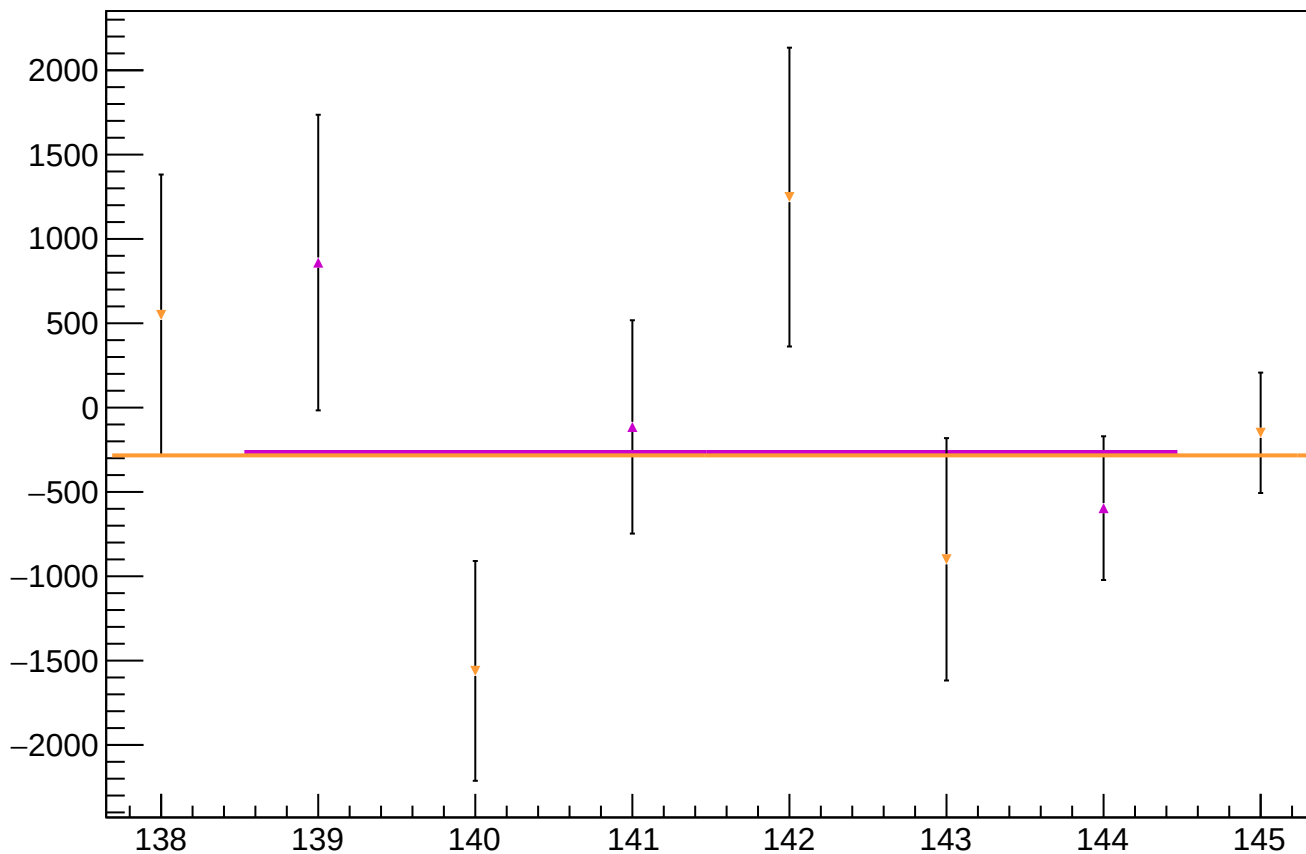
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.698+/-0.060 χ^2/NDF :7452.6/2

Out: 120.838+/-0.047 χ^2/NDF :178583.4/4

All: 125.367+/-0.037 χ^2/NDF : 209964.4/7

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -283.256 $\pm$ 259.424 χ^2 /NDF:8.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -263.134 $\pm$ 327.704 χ^2 /NDF:2.3/2

Left: -275.504 $\pm$ 203.403 χ^2 /NDF: 11.0/7

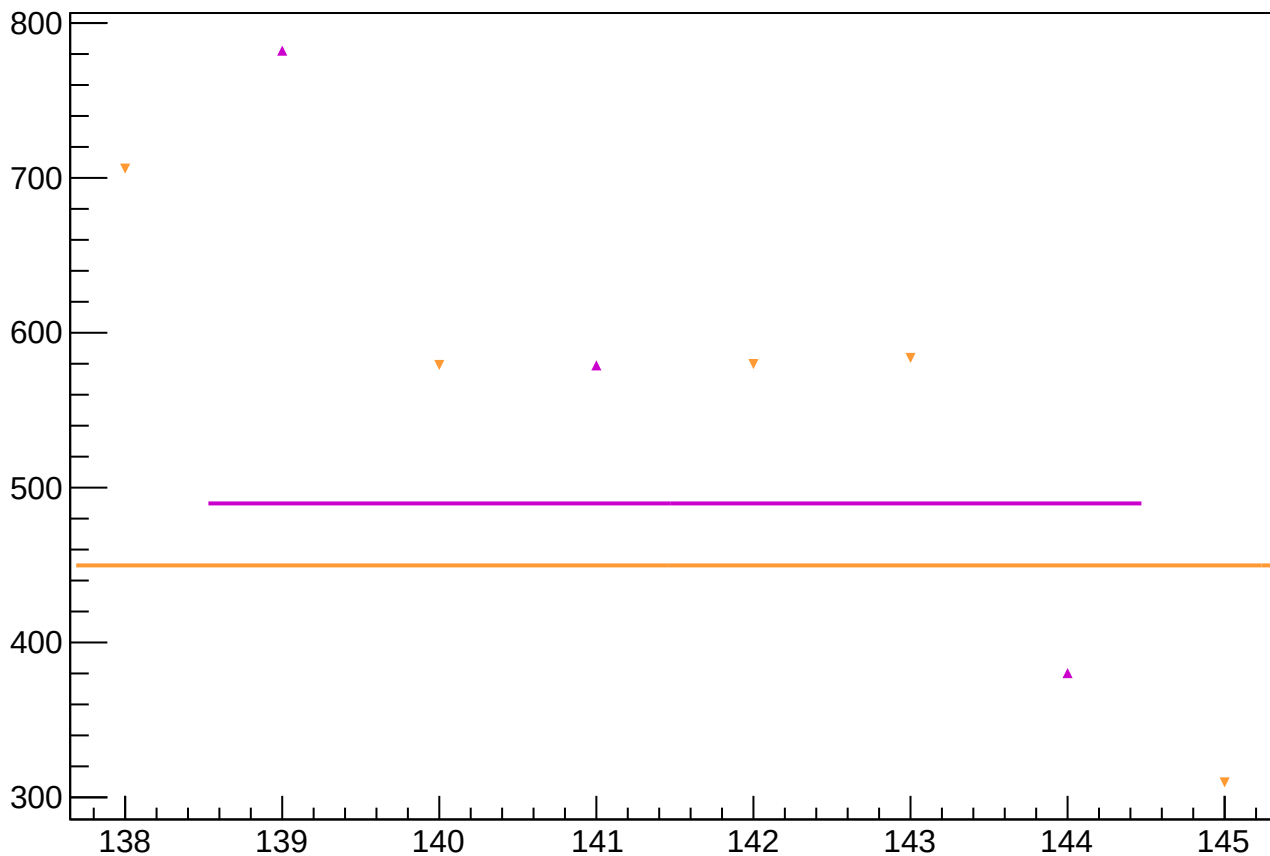
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -263.134 $\pm$ 327.704 χ^2 /NDF:2.3/2

Out: -283.256 $\pm$ 259.424 χ^2 /NDF:8.7/4

All: -275.504 $\pm$ 203.403 χ^2 /NDF: 11.0/7

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 449.771+/-0.183 χ^2/NDF : 689218.1/4

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

Left In: 489.800+/-0.232 χ^2/NDF : 394665.1/2

Left: 465.192+/-0.144 χ^2/NDF : 1102228.5/7

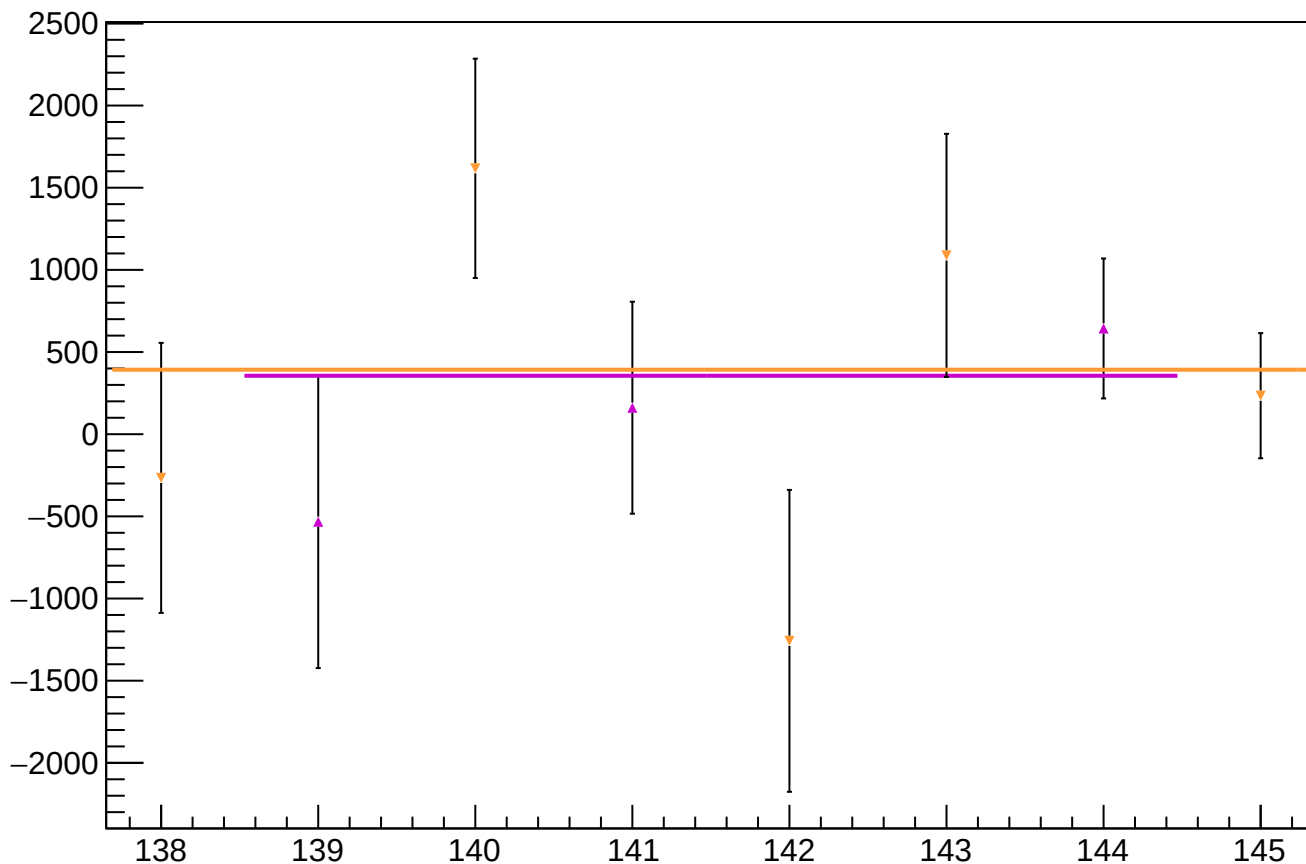
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 489.800+/-0.232 χ^2/NDF : 394665.1/2

Out: 449.771+/-0.183 χ^2/NDF : 689218.1/4

All: 465.192+/-0.144 χ^2/NDF : 1102228.5/7

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 392.548+/-270.822 χ^2/NDF : 8.3/4

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

Left In: 355.604+/-330.029 χ^2/NDF : 1.5/2

Left: 377.681+/-209.356 χ^2/NDF : 9.8/7

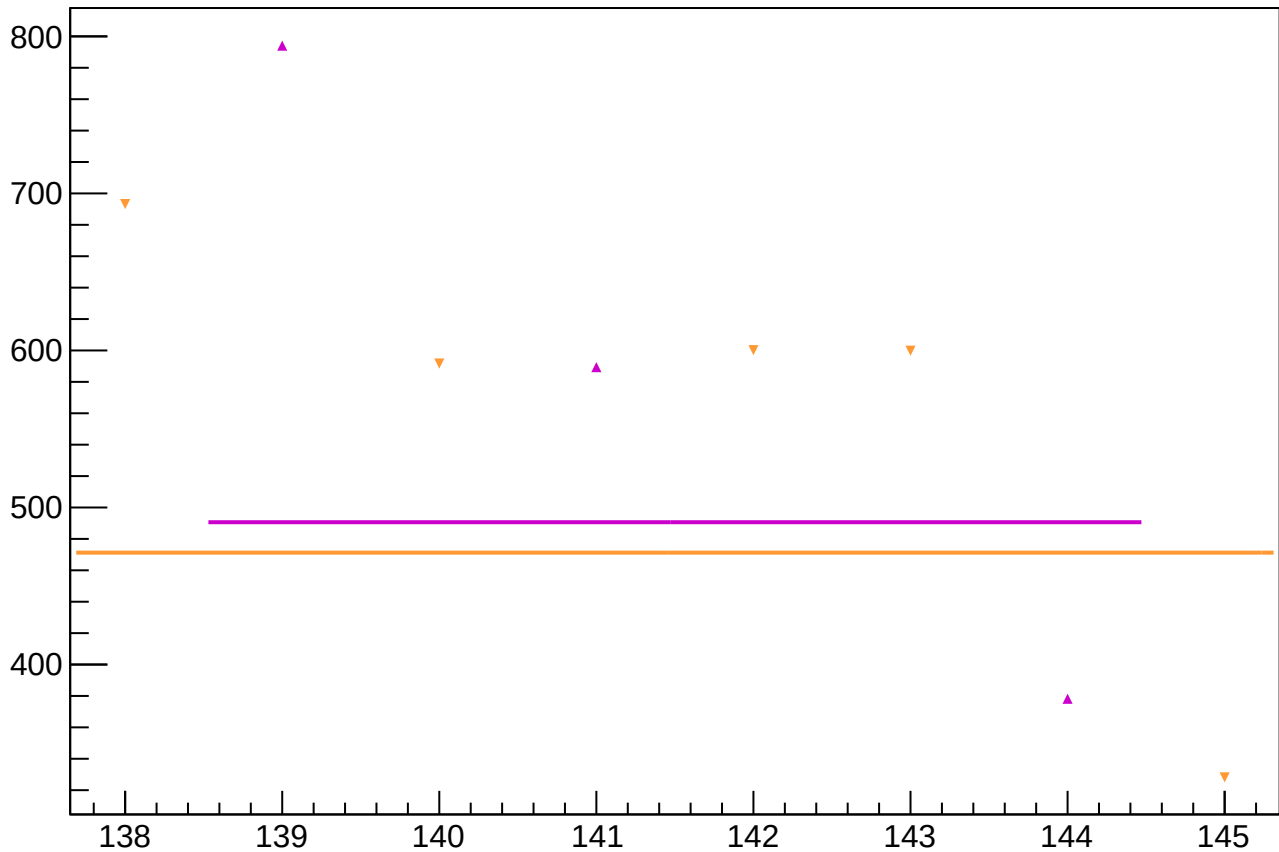
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 355.604+/-330.029 χ^2/NDF : 1.5/2

Out: 392.548+/-270.822 χ^2/NDF : 8.3/4

All: 377.681+/-209.356 χ^2/NDF : 9.8/7

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 471.261+/-0.191 χ^2/NDF :593369.4/4

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

Left In: 490.626+/-0.233 χ^2/NDF :418571.8/2

Left: 479.054+/-0.148 χ^2/NDF : 1016056.0/7

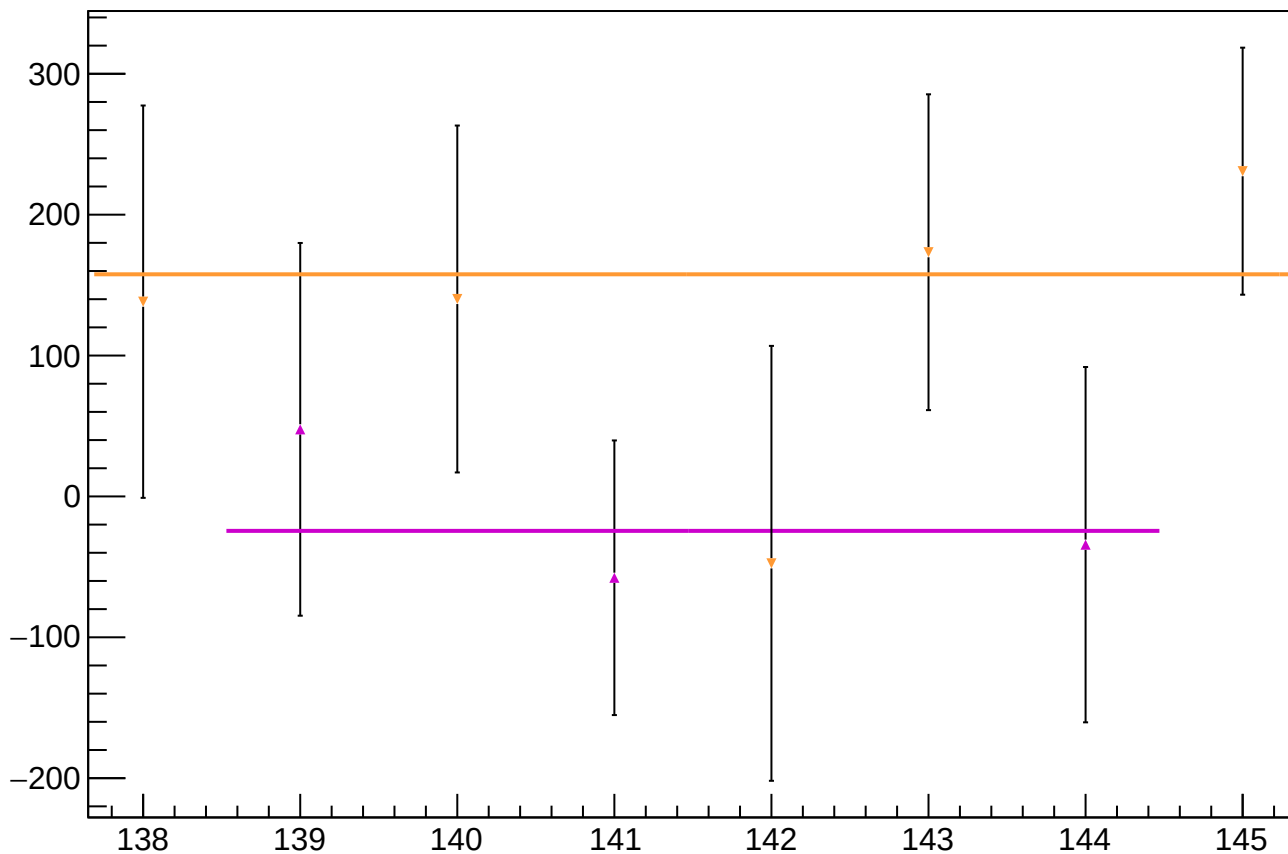
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 490.626+/-0.233 χ^2/NDF :418571.8/2

Out: 471.261+/-0.191 χ^2/NDF :593369.4/4

All: 479.054+/-0.148 χ^2/NDF : 1016056.0/7

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 157.671+/-52.045 χ^2/NDF : 2.5/4

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

Left In: -24.453+/-66.626 χ^2/NDF : 0.4/2

Left: 88.654+/-41.015 χ^2/NDF : 7.6/7

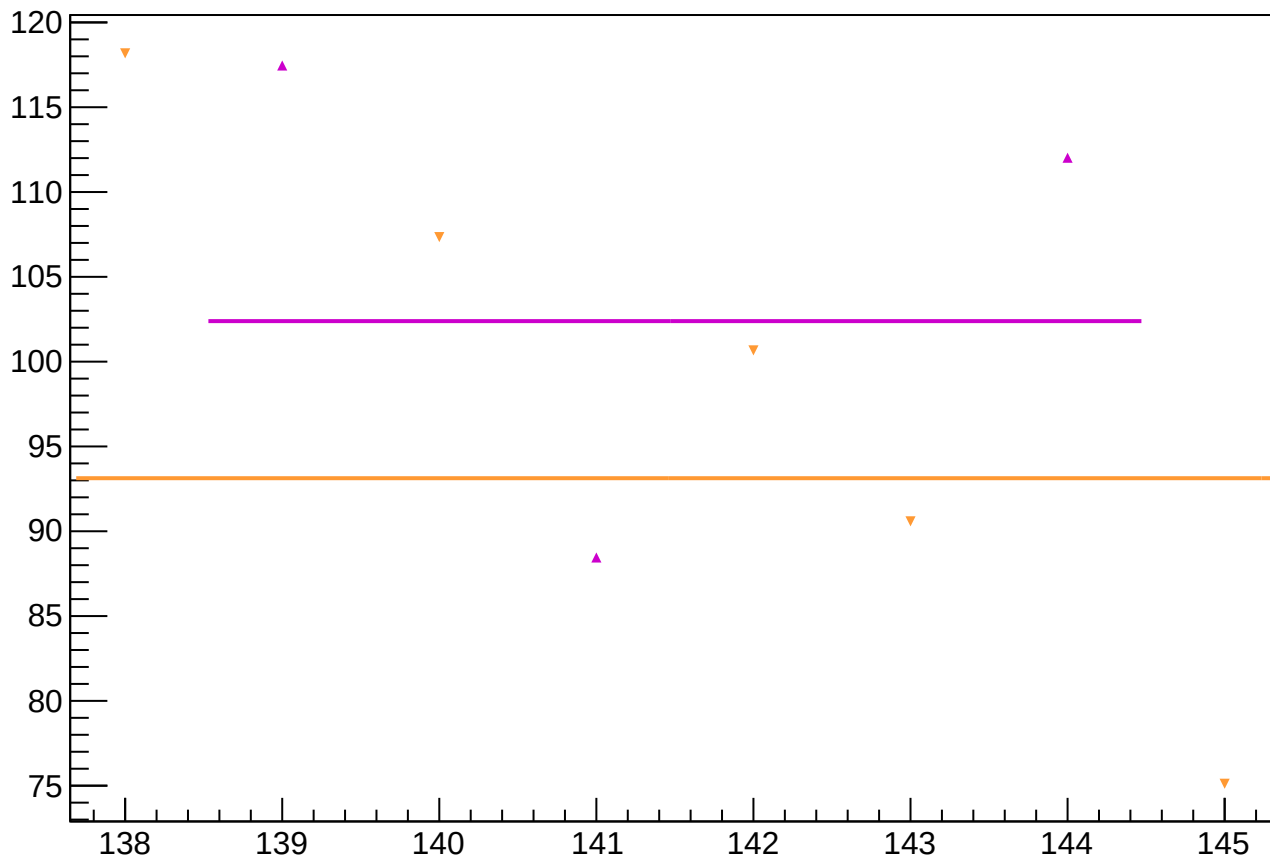
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.453+/-66.626 χ^2/NDF : 0.4/2

Out: 157.671+/-52.045 χ^2/NDF : 2.5/4

All: 88.654+/-41.015 χ^2/NDF : 7.6/7

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 93.128+/-0.037 χ^2/NDF :181592.8/4

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

Left In: 102.389+/-0.047 χ^2/NDF :78505.7/2

Left: 96.638+/-0.029 χ^2/NDF : 284098.9/7

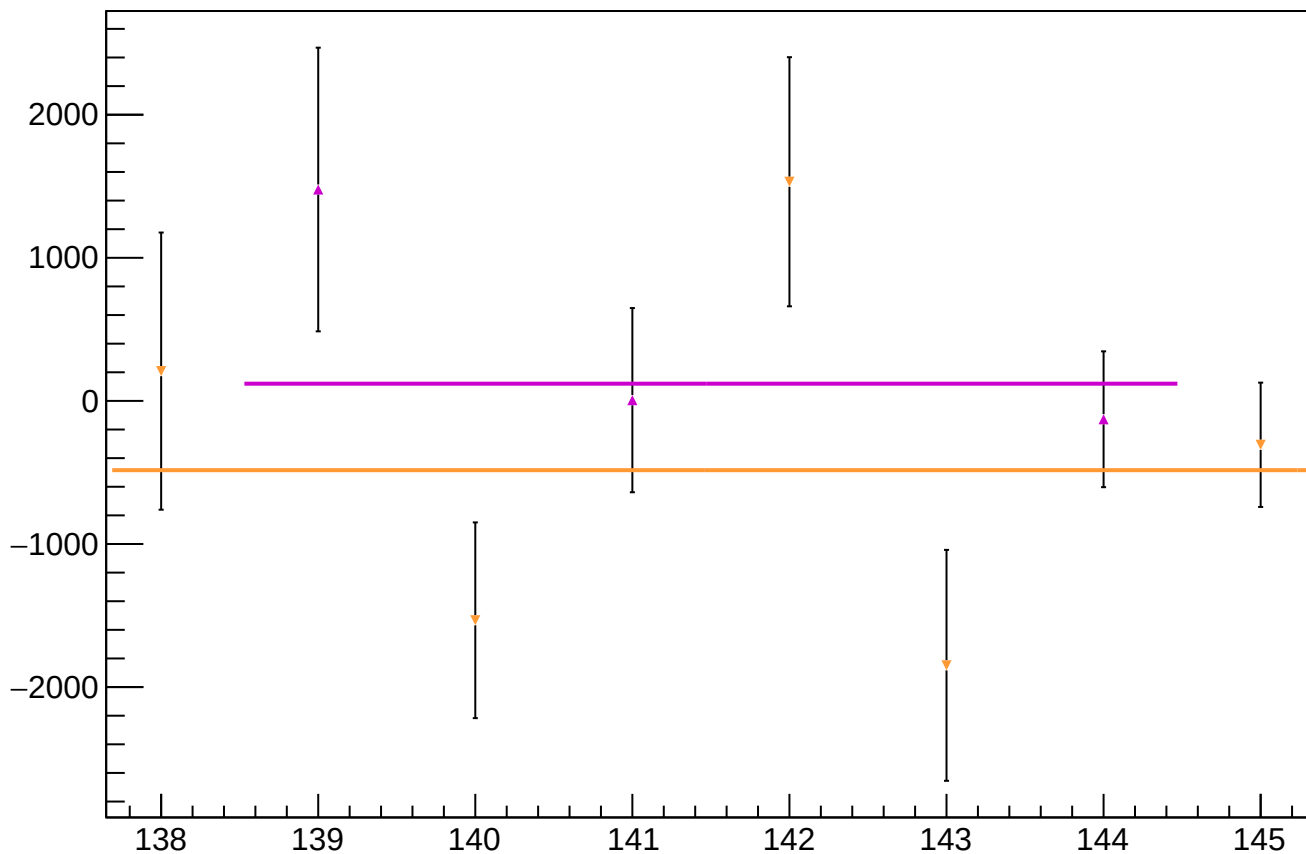
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 102.389+/-0.047 χ^2/NDF :78505.7/2

Out: 93.128+/-0.037 χ^2/NDF :181592.8/4

All: 96.638+/-0.029 χ^2/NDF : 284098.9/7

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -484.122 $\pm$ 296.733 χ^2 /NDF:11.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 120.290 $\pm$ 356.490 χ^2 /NDF:2.2/2

Left: -236.749 $\pm$ 228.064 χ^2 /NDF: 15.1/7

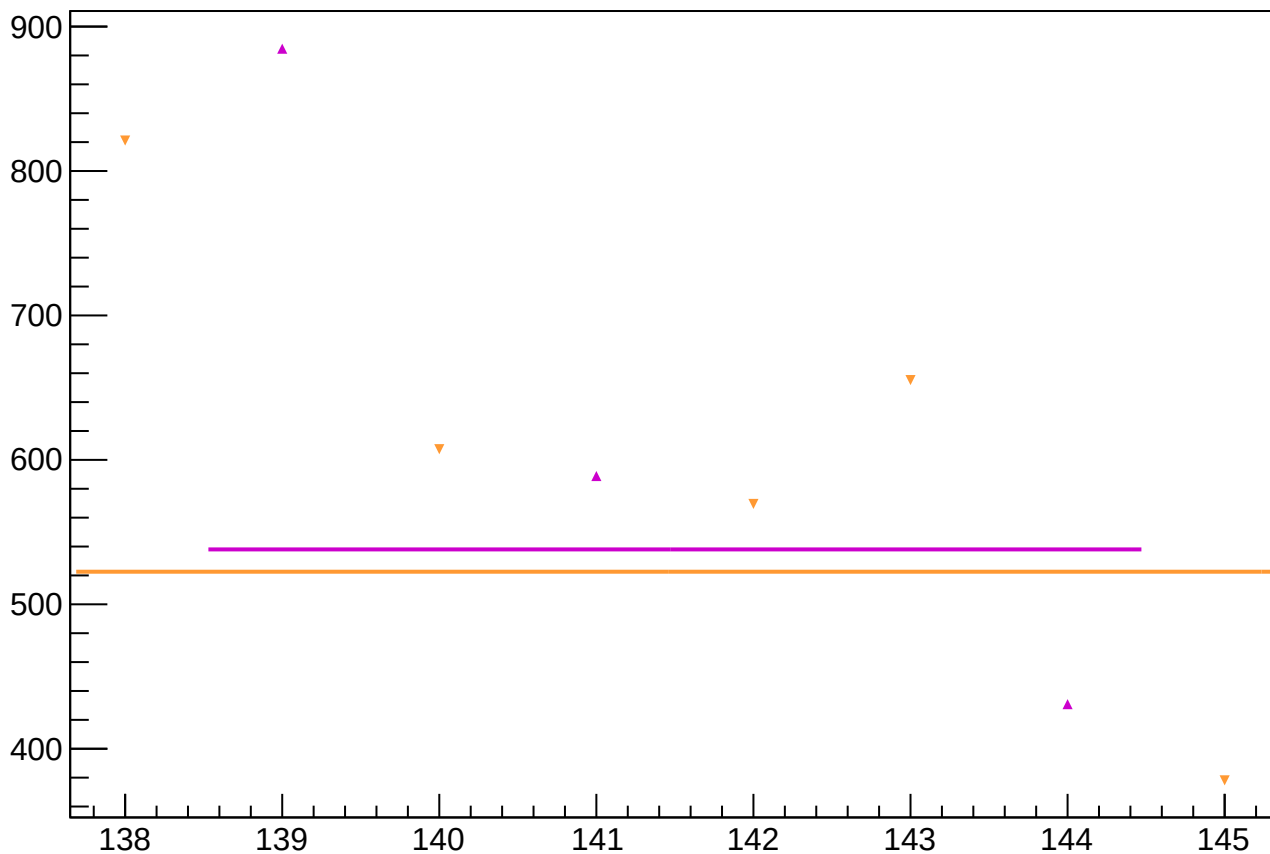
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 120.290 $\pm$ 356.490 χ^2 /NDF:2.2/2

Out: -484.122 $\pm$ 296.733 χ^2 /NDF:11.2/4

All: -236.749 $\pm$ 228.064 χ^2 /NDF: 15.1/7

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 522.574+/-0.210 χ^2/NDF : 501757.6/4

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

Left In: 538.011+/-0.252 χ^2/NDF : 358942.6/2

Left: 528.892+/-0.161 χ^2/NDF : 862915.5/7

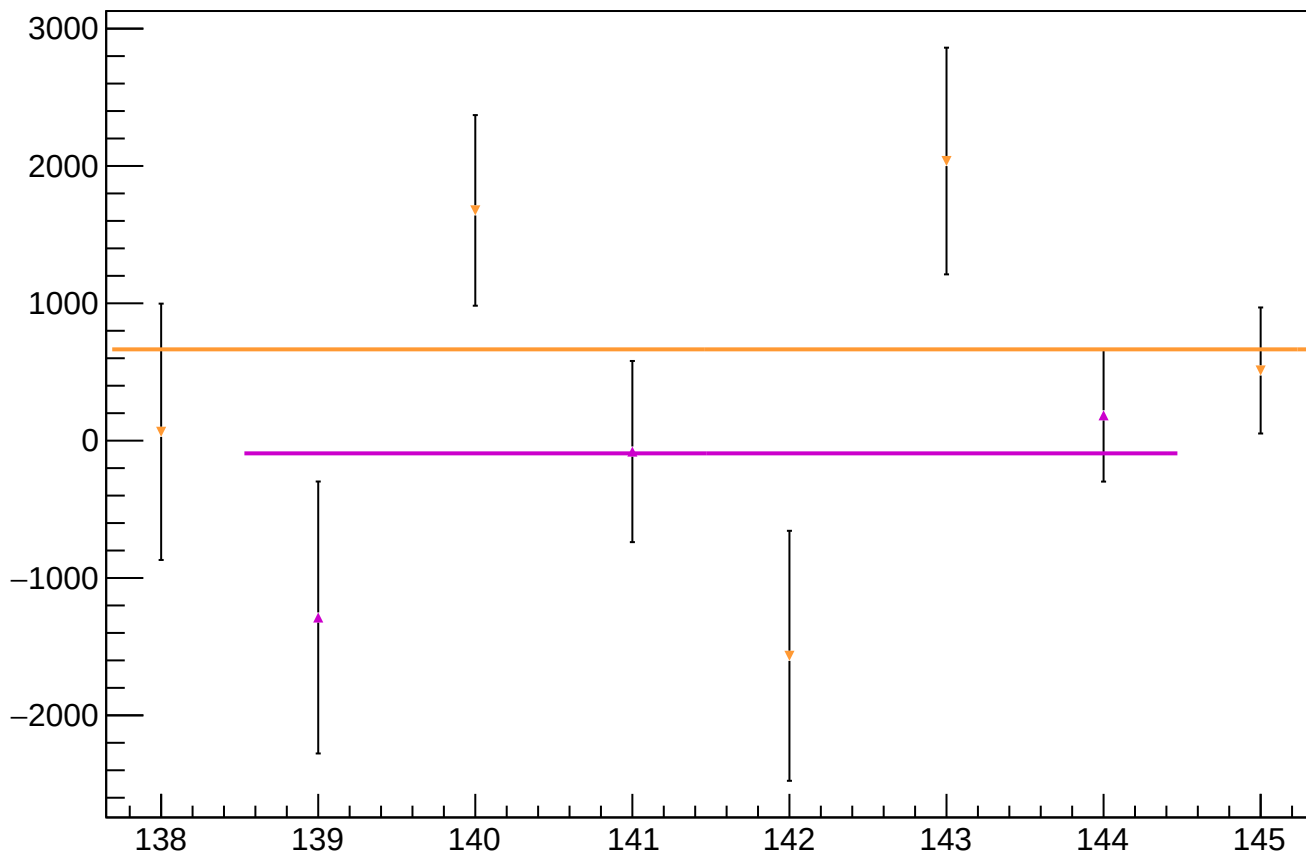
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 538.011+/-0.252 χ^2/NDF : 358942.6/2

Out: 522.574+/-0.210 χ^2/NDF : 501757.6/4

All: 528.892+/-0.161 χ^2/NDF : 862915.5/7

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 664.755+/-306.433 χ^2/NDF :11.4/4

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

Left In: -92.502+/-362.461 χ^2/NDF :1.8/2

Left: 349.114+/-234.011 χ^2/NDF : 15.8/7

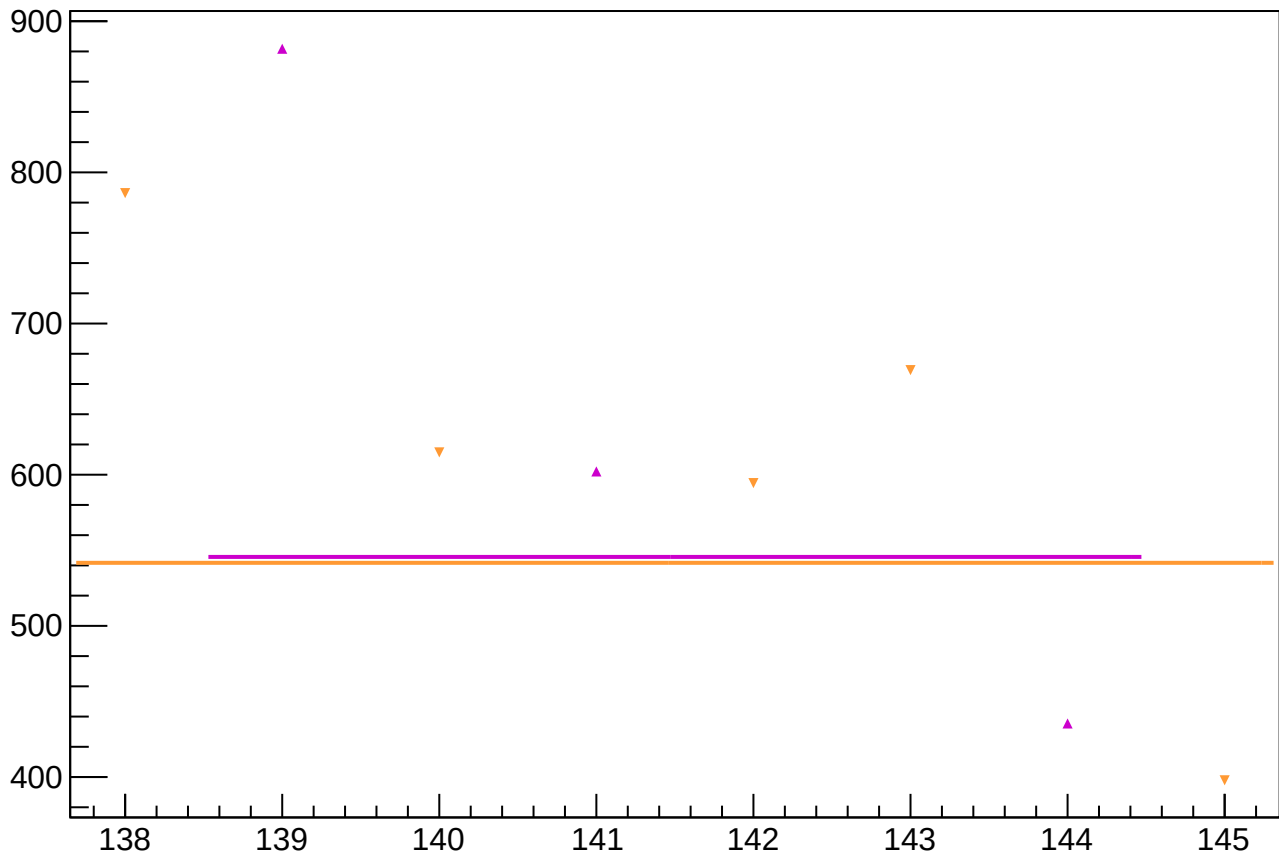
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -92.502+/-362.461 χ^2/NDF :1.8/2

Out: 664.755+/-306.433 χ^2/NDF :11.4/4

All: 349.114+/-234.011 χ^2/NDF : 15.8/7

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 541.710+/-0.217 χ^2/NDF : 410573.2/4

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

Left In: 545.614+/-0.256 χ^2/NDF : 349481.9/2

Left: 543.337+/-0.165 χ^2/NDF : 760190.4/7

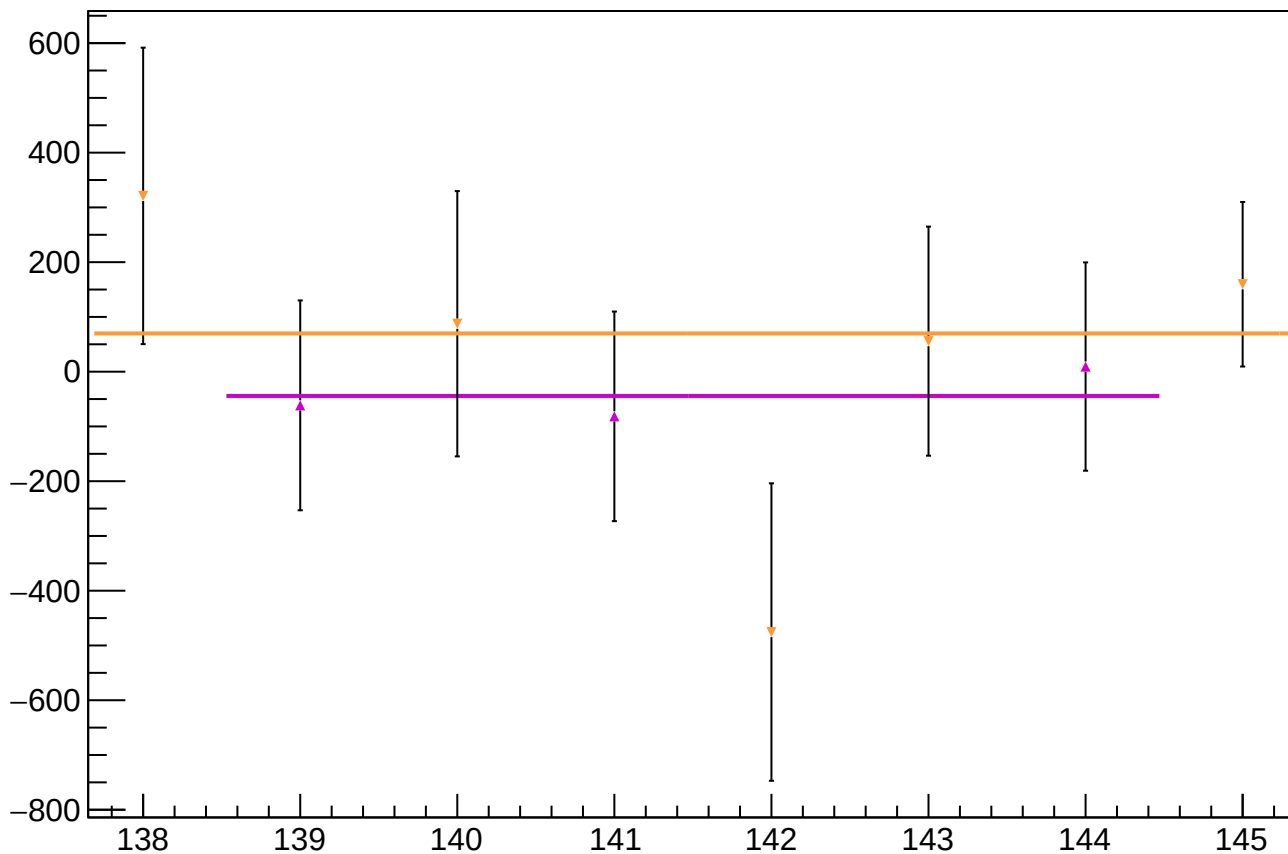
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 545.614+/-0.256 χ^2/NDF : 349481.9/2

Out: 541.710+/-0.217 χ^2/NDF : 410573.2/4

All: 543.337+/-0.165 χ^2/NDF : 760190.4/7

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 69.803+/-94.757 χ^2/NDF : 5.3/4

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

Left In: -44.330+/-110.321 χ^2/NDF : 0.1/2

Left: 21.349+/-71.882 χ^2/NDF : 6.0/7

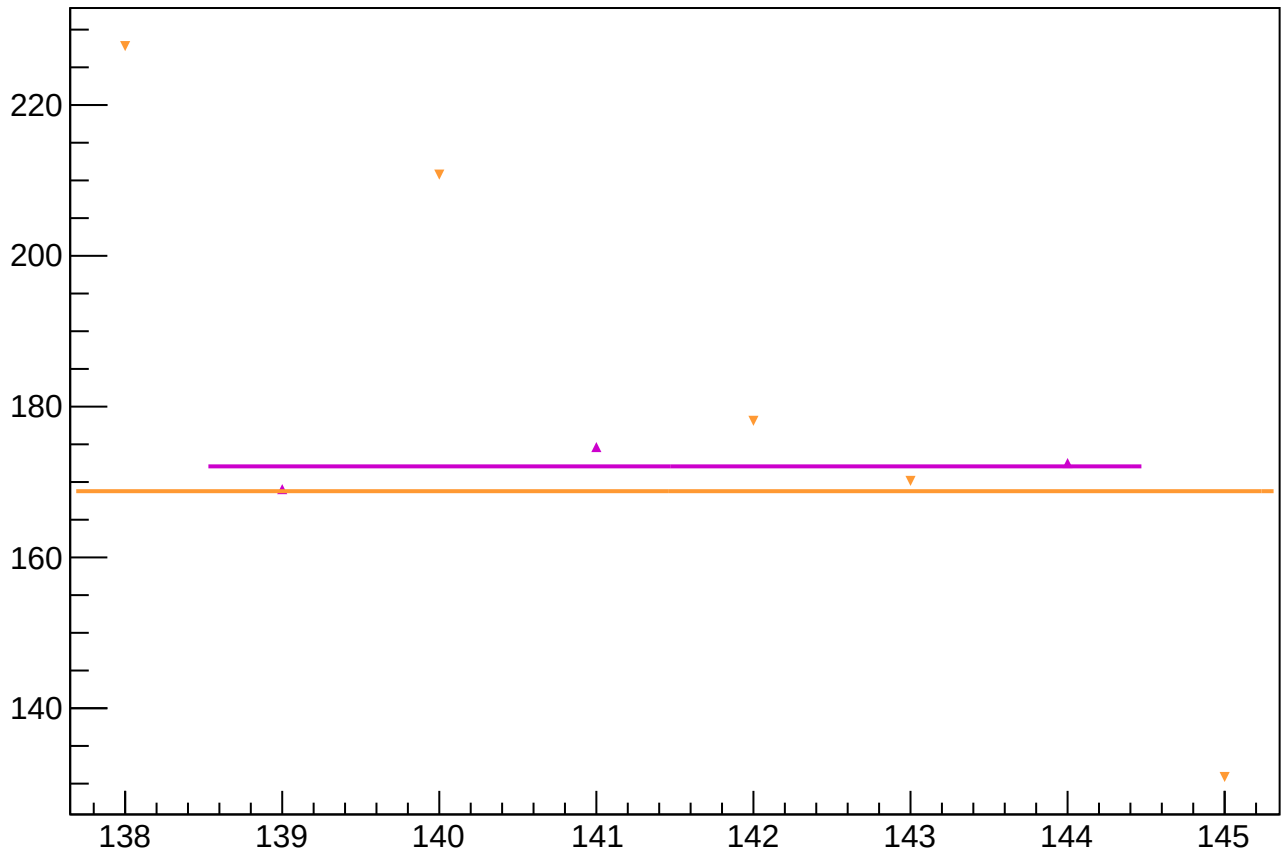
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.330+/-110.321 χ^2/NDF : 0.1/2

Out: 69.803+/-94.757 χ^2/NDF : 5.3/4

All: 21.349+/-71.882 χ^2/NDF : 6.0/7

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 168.785+/-0.067 χ^2/NDF :284863.9/4

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

Left In: 172.077+/-0.078 χ^2/NDF :865.1/2

Left: 170.183+/-0.051 χ^2/NDF : 286753.4/7

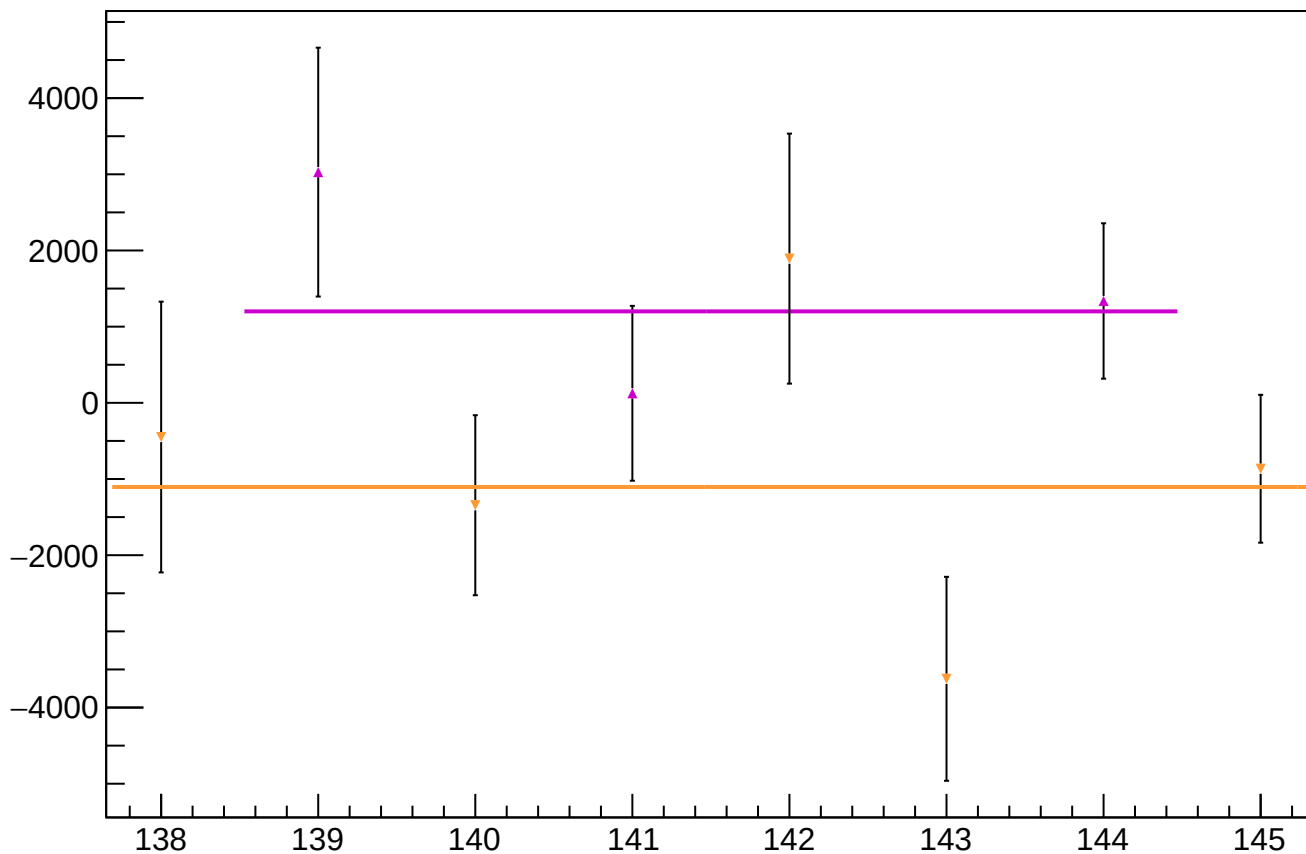
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 172.077+/-0.078 χ^2/NDF :865.1/2

Out: 168.785+/-0.067 χ^2/NDF :284863.9/4

All: 170.183+/-0.051 χ^2/NDF : 286753.4/7

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1105.171+/-575.094 χ^2/NDF : 7.1/4

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

Left In: 1200.634+/-690.863 χ^2/NDF : 2.1/2

Left: -161.380+/-441.996 χ^2/NDF : 15.8/7

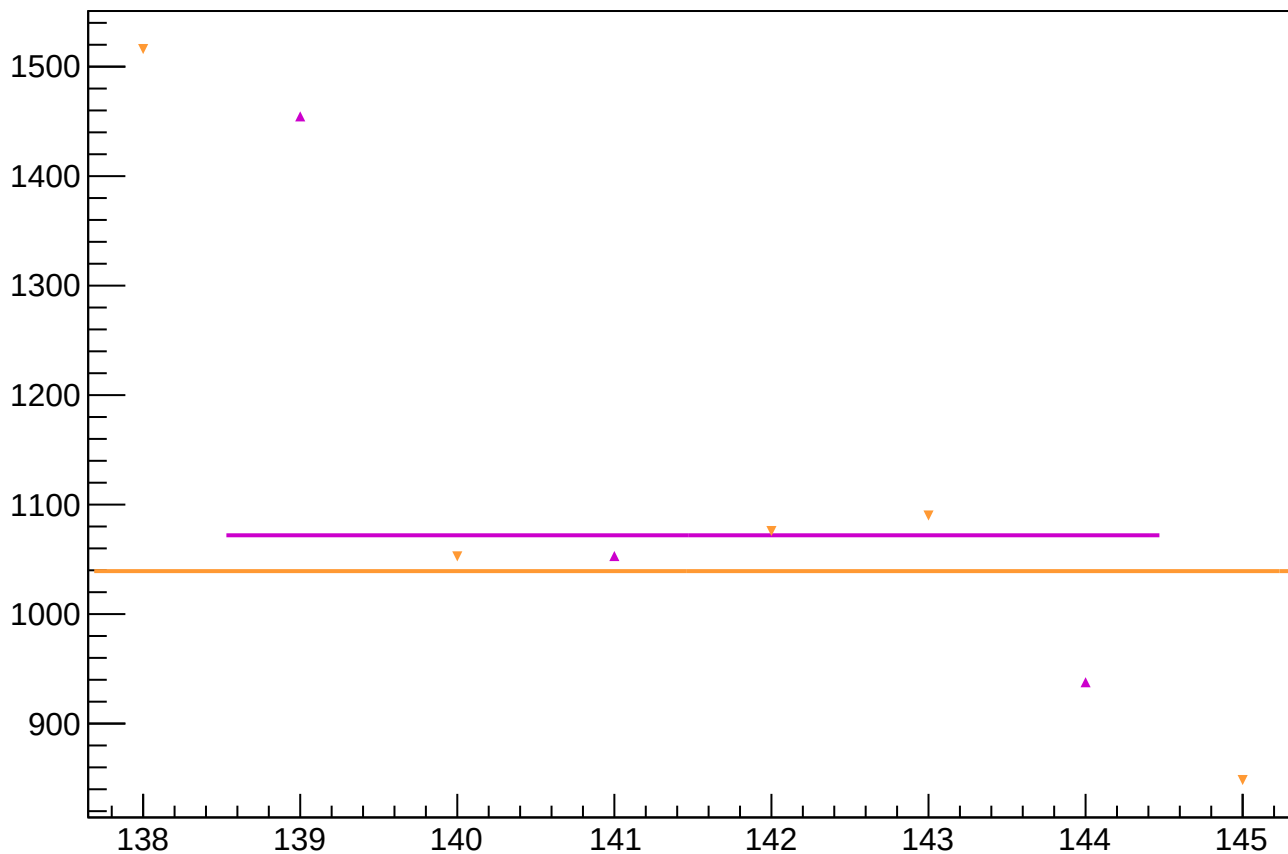
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1200.634+/-690.863 χ^2/NDF : 2.1/2

Out: -1105.171+/-575.094 χ^2/NDF : 7.1/4

All: -161.380+/-441.996 χ^2/NDF : 15.8/7

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1039.246+/-0.407 χ^2/NDF :225419.7/4

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

Left In: 1071.972+/-0.489 χ^2/NDF :144909.8/2

Left: 1052.641+/-0.313 χ^2/NDF : 372980.4/7

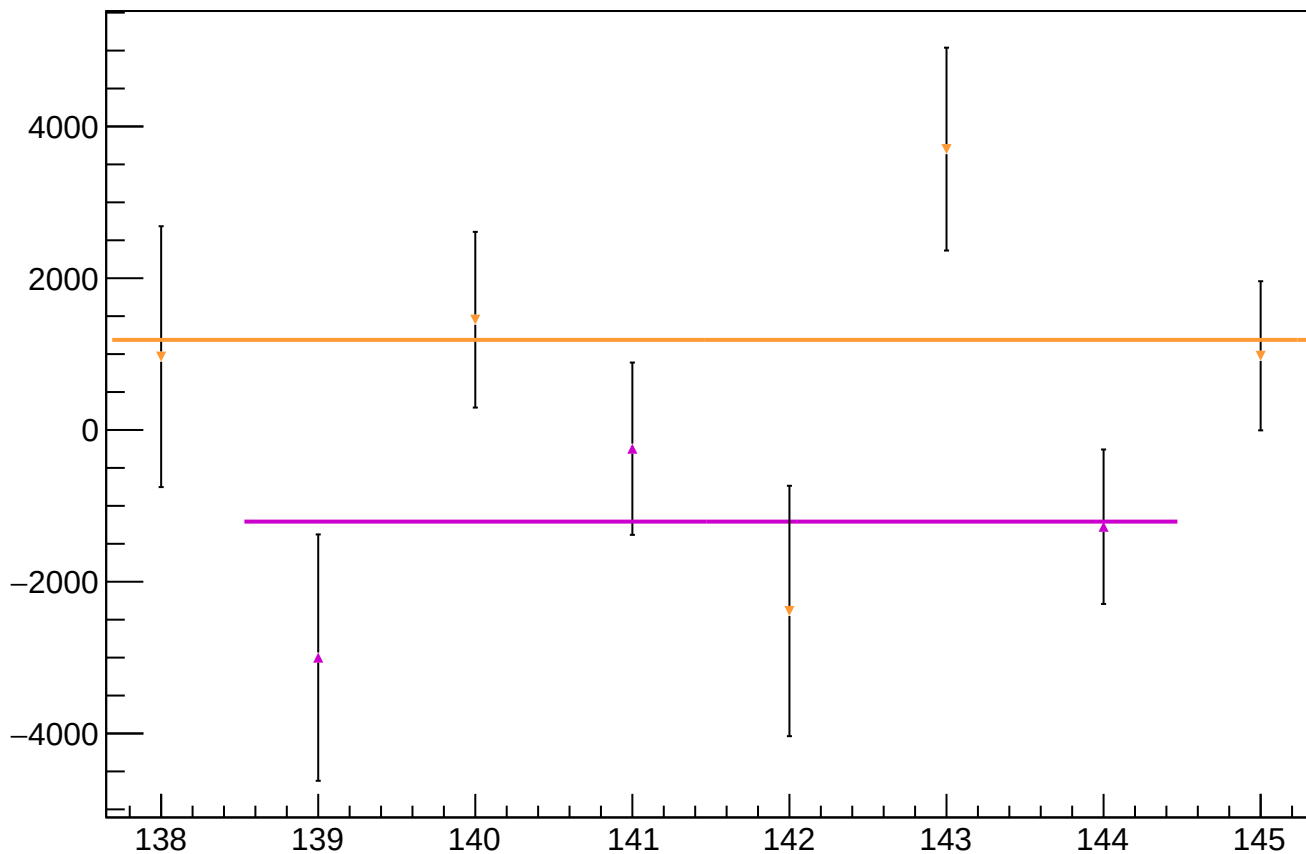
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1071.972+/-0.489 χ^2/NDF :144909.8/2

Out: 1039.246+/-0.407 χ^2/NDF :225419.7/4

All: 1052.641+/-0.313 χ^2/NDF : 372980.4/7

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1187.578+/-572.927 χ^2/NDF : 8.3/4

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

Left In: -1207.609+/-686.782 χ^2/NDF : 1.9/2

Left: 204.712+/-439.943 χ^2/NDF : 17.5/7

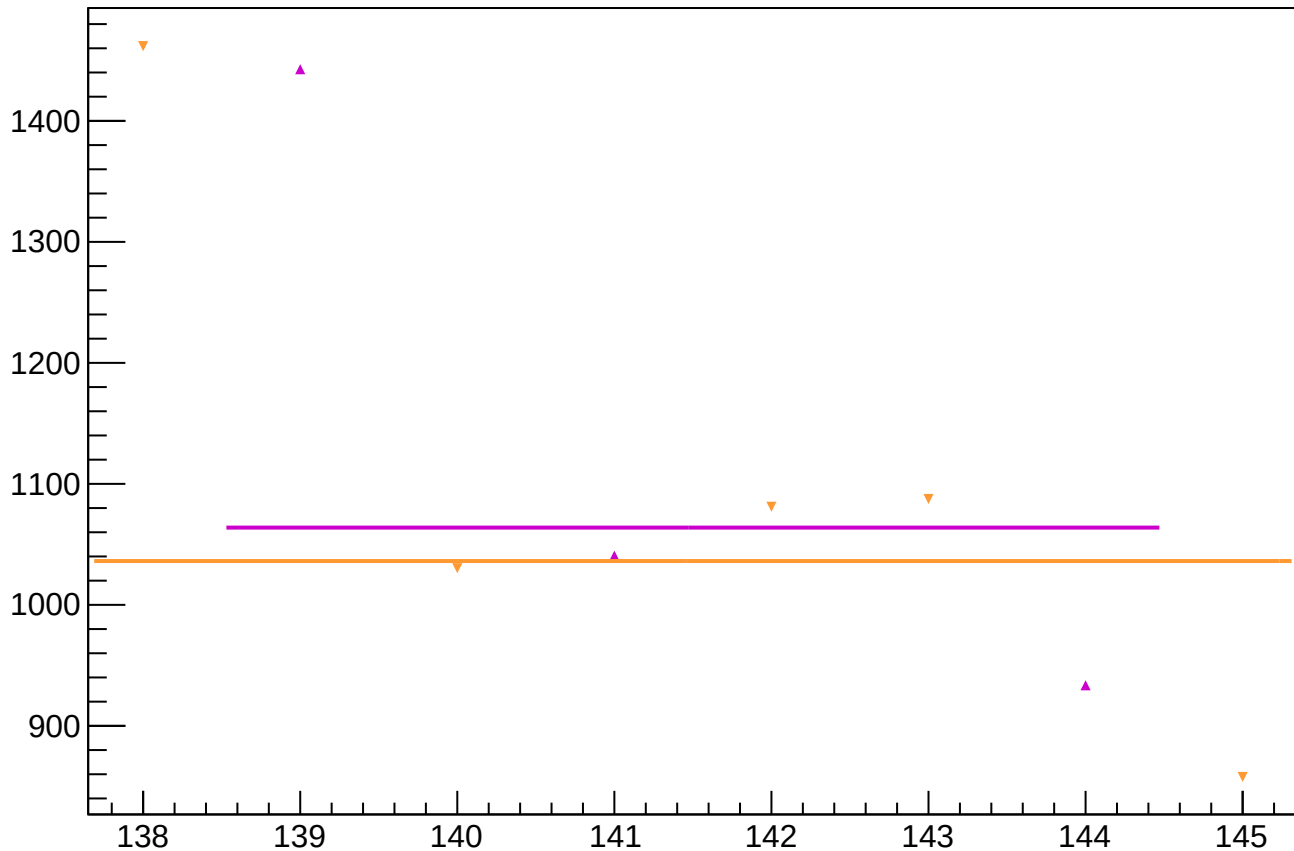
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1207.609+/-686.782 χ^2/NDF : 1.9/2

Out: 1187.578+/-572.927 χ^2/NDF : 8.3/4

All: 204.712+/-439.943 χ^2/NDF : 17.5/7

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1036.227+/-0.405 χ^2/NDF :192999.0/4

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

Left In: 1063.858+/-0.486 χ^2/NDF :142527.9/2

Left: 1047.565+/-0.311 χ^2/NDF : 337435.8/7

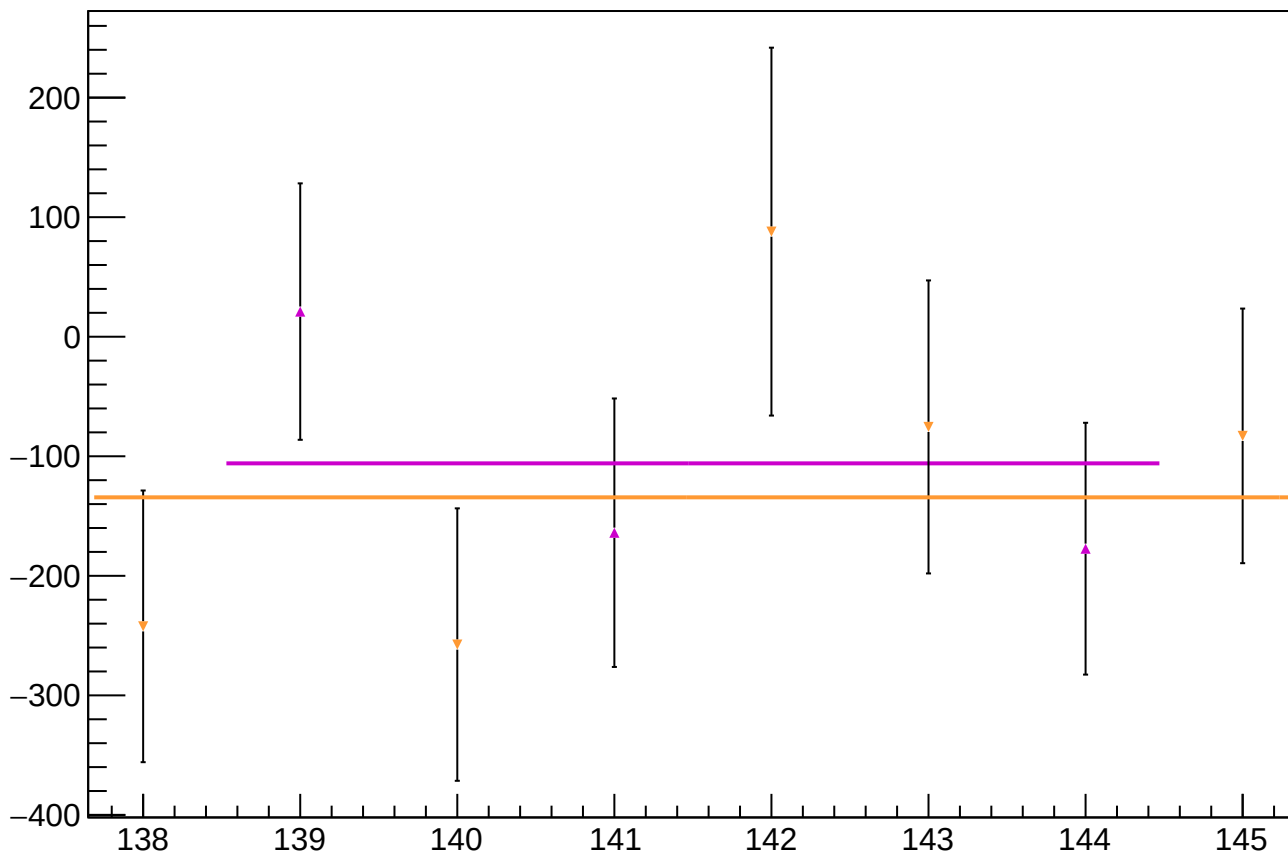
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1063.858+/-0.486 χ^2/NDF :142527.9/2

Out: 1036.227+/-0.405 χ^2/NDF :192999.0/4

All: 1047.565+/-0.311 χ^2/NDF : 337435.8/7

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -134.352+/-53.340 χ^2/NDF :4.6/4

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

Left In: -105.926+/-62.452 χ^2/NDF :2.1/2

Left: -122.362+/-40.560 χ^2/NDF : 6.9/7

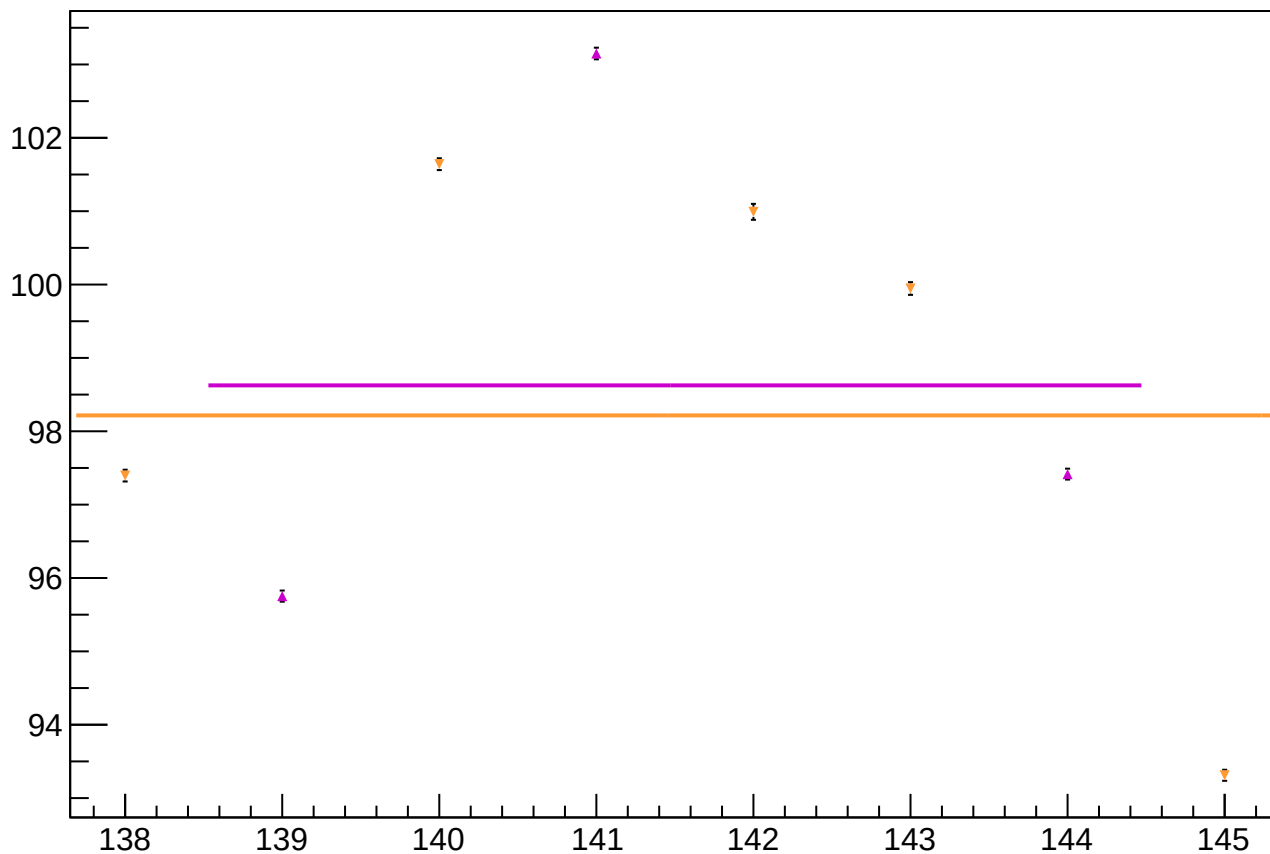
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -105.926+/-62.452 χ^2/NDF :2.1/2

Out: -134.352+/-53.340 χ^2/NDF :4.6/4

All: -122.362+/-40.560 χ^2/NDF : 6.9/7

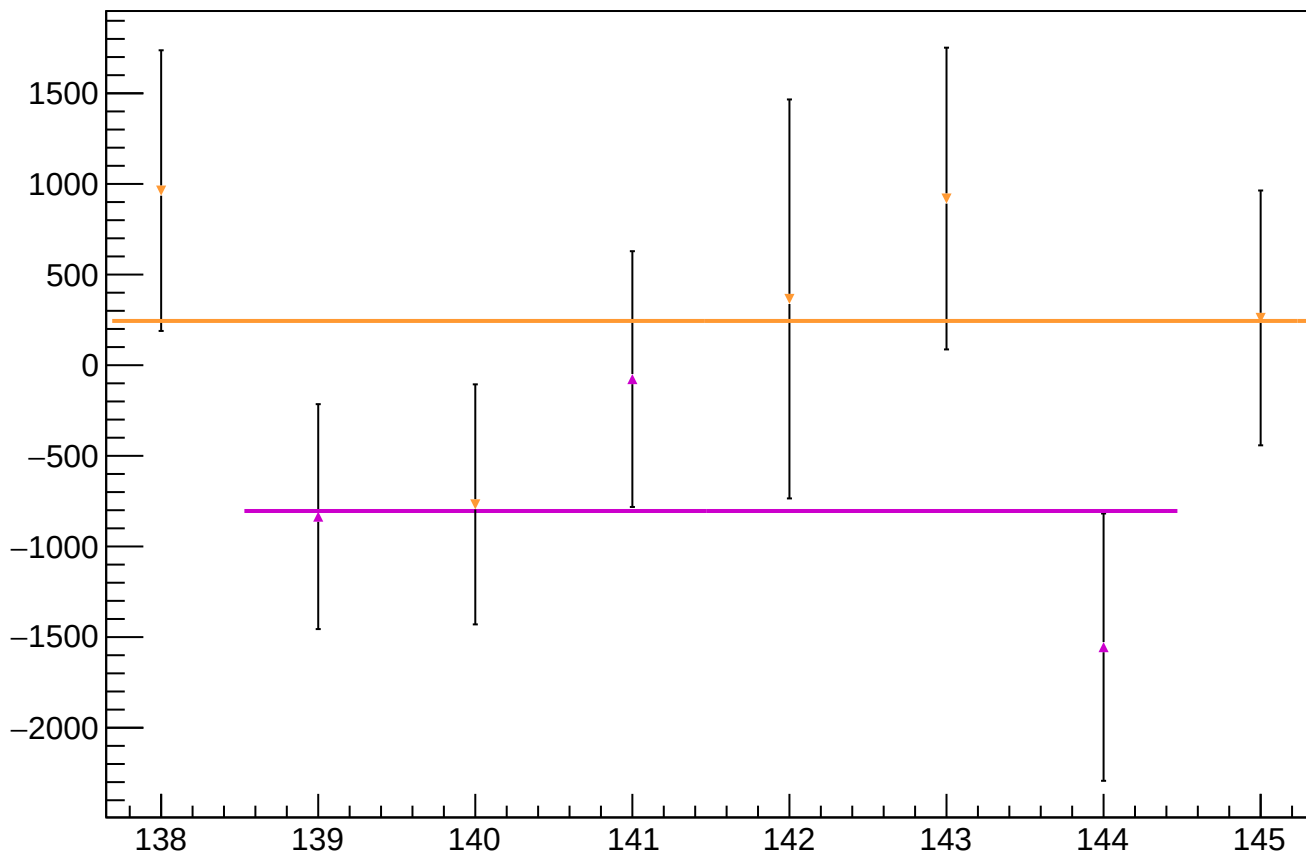
dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 98.216+/-0.038 χ^2/NDF : 7203.5/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 98.626+/-0.044 χ^2/NDF : 4944.4/2

Left: 98.389+/-0.029 χ^2/NDF : 12197.6/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 98.626+/-0.044 χ^2/NDF : 4944.4/2
 Out: 98.216+/-0.038 χ^2/NDF : 7203.5/4
 All: 98.389+/-0.029 χ^2/NDF : 12197.6/7

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 244.188+/-348.313 χ^2/NDF : 3.9/4

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

Left In: -804.280+/-393.869 χ^2/NDF : 2.1/2

Left: -215.931+/-260.921 χ^2/NDF : 9.9/7

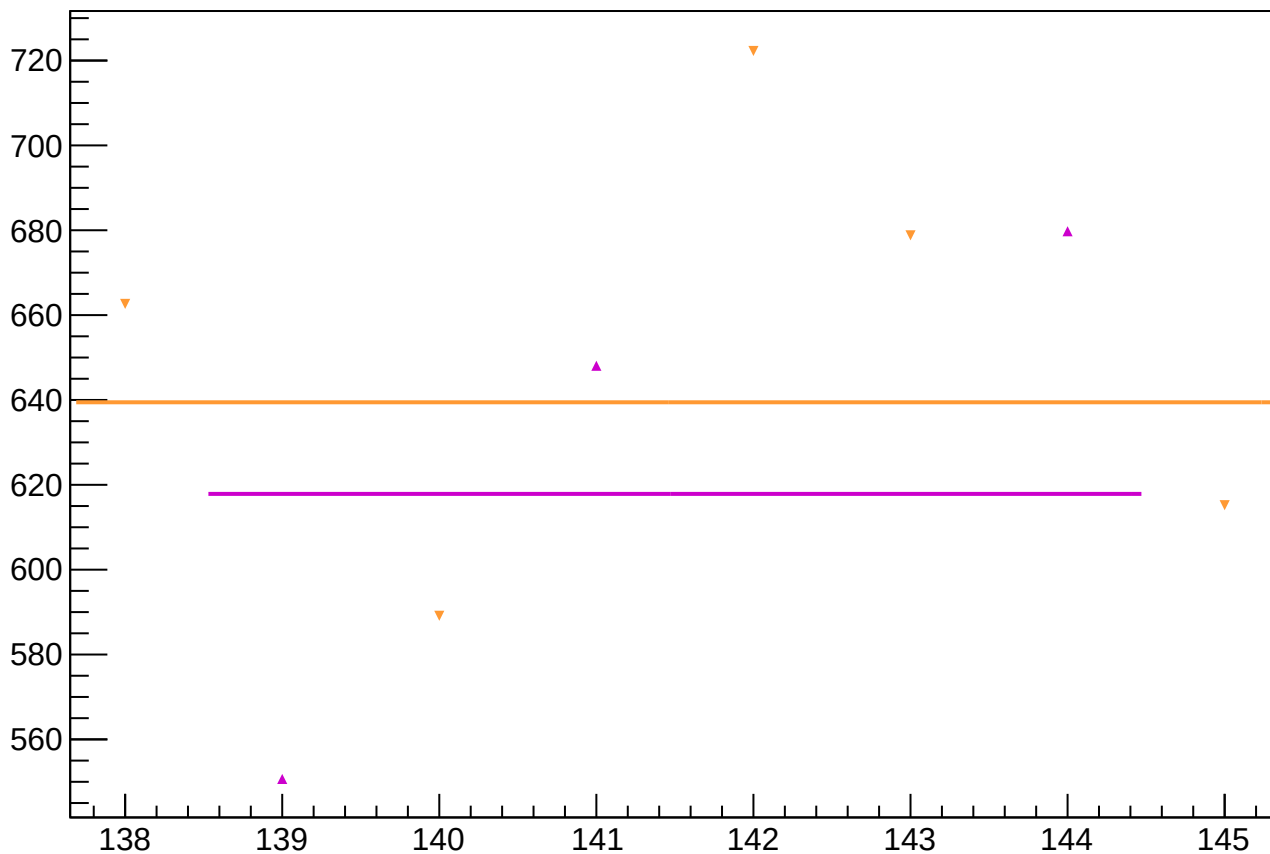
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -804.280+/-393.869 χ^2/NDF : 2.1/2

Out: 244.188+/-348.313 χ^2/NDF : 3.9/4

All: -215.931+/-260.921 χ^2/NDF : 9.9/7

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 639.452+/-0.246 χ^2/NDF :31517.9/4

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

Left In: 617.861+/-0.279 χ^2/NDF :41213.5/2

Left: 629.977+/-0.184 χ^2/NDF : 76104.0/7

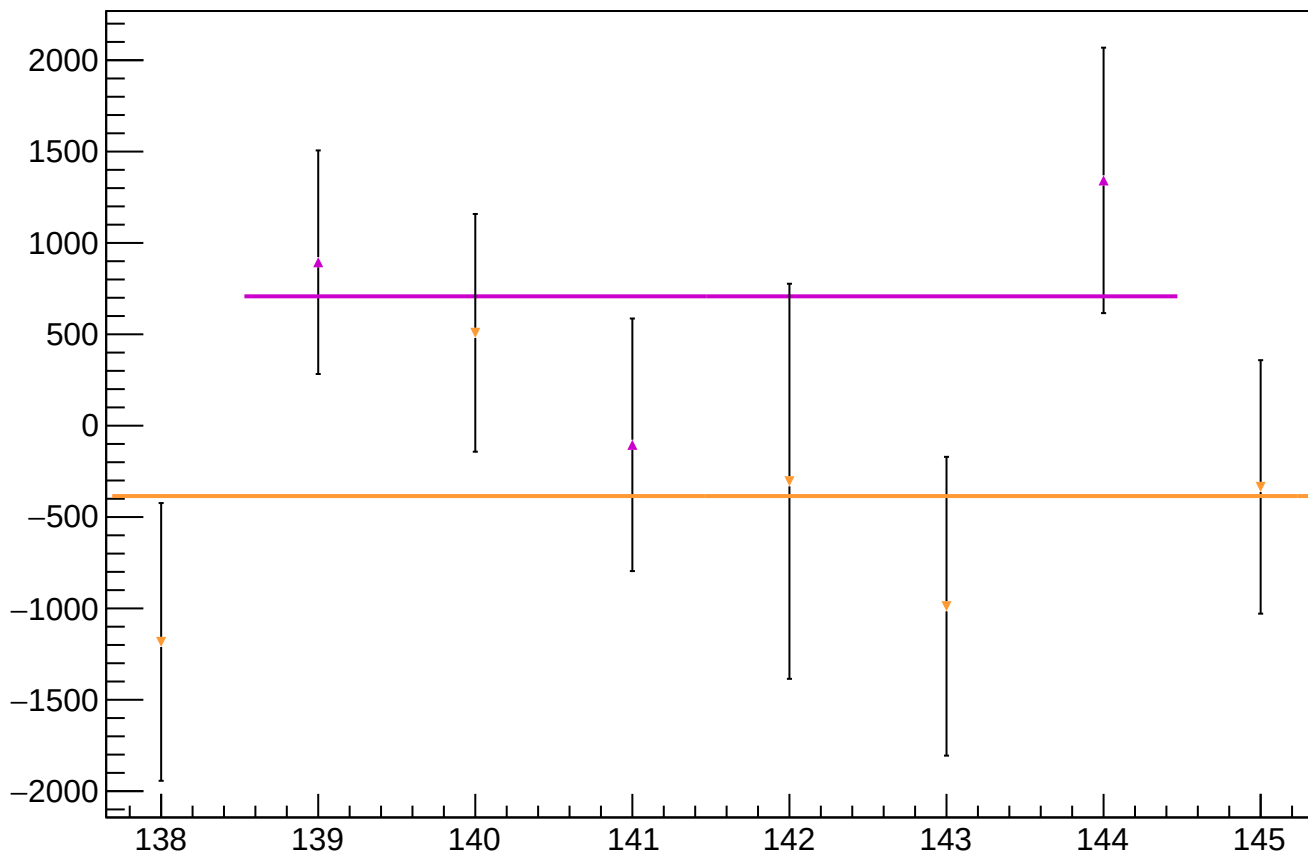
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 617.861+/-0.279 χ^2/NDF :41213.5/2

Out: 639.452+/-0.246 χ^2/NDF :31517.9/4

All: 629.977+/-0.184 χ^2/NDF : 76104.0/7

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -385.151+/-342.477 χ^2/NDF :3.5/4

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

Left In: 707.908+/-387.452 χ^2/NDF :2.2/2

Left: 94.284+/-256.603 χ^2/NDF : 10.2/7

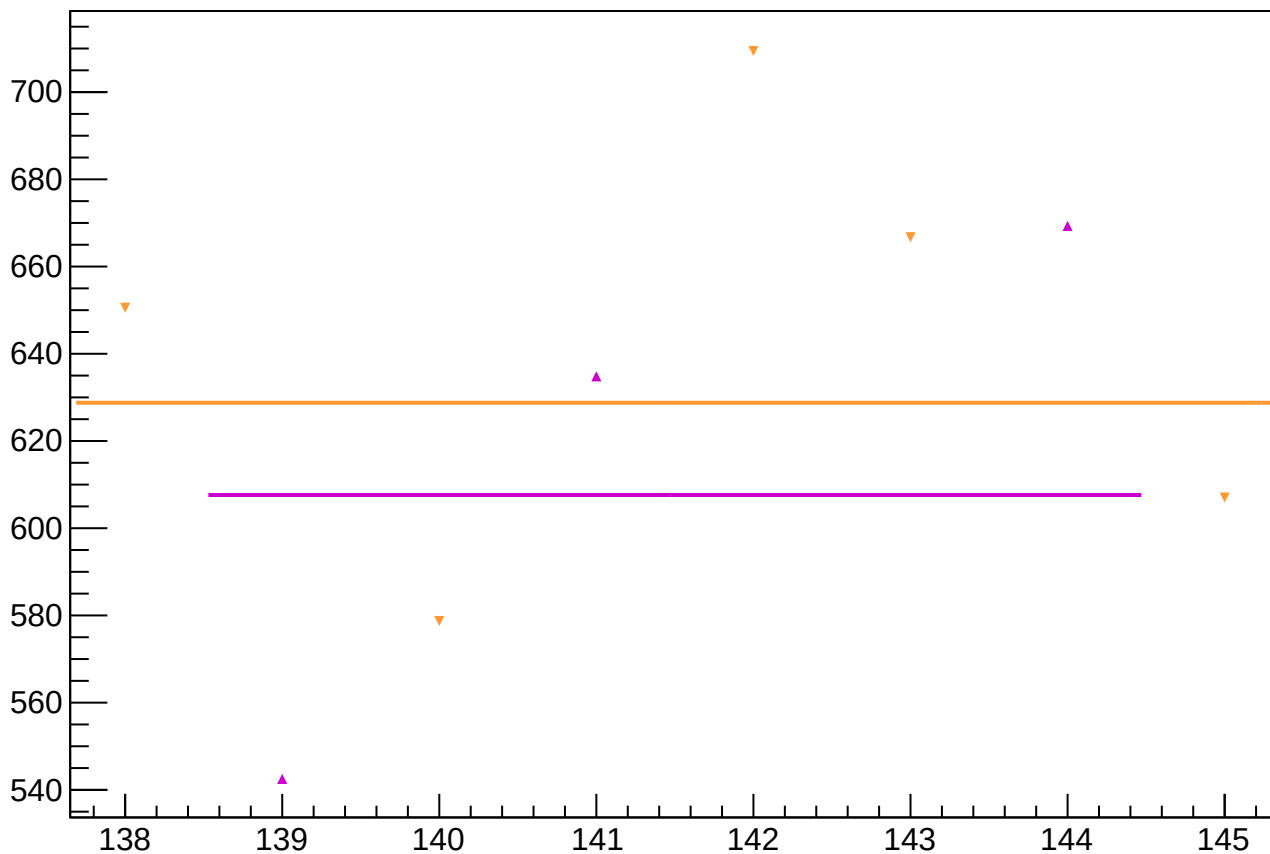
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 707.908+/-387.452 χ^2/NDF :2.2/2

Out: -385.151+/-342.477 χ^2/NDF :3.5/4

All: 94.284+/-256.603 χ^2/NDF : 10.2/7

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 628.771+/-0.242 χ^2/NDF :30892.4/4

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

Left In: 607.616+/-0.274 χ^2/NDF :40187.2/2

Left: 619.492+/-0.181 χ^2/NDF : 74426.8/7

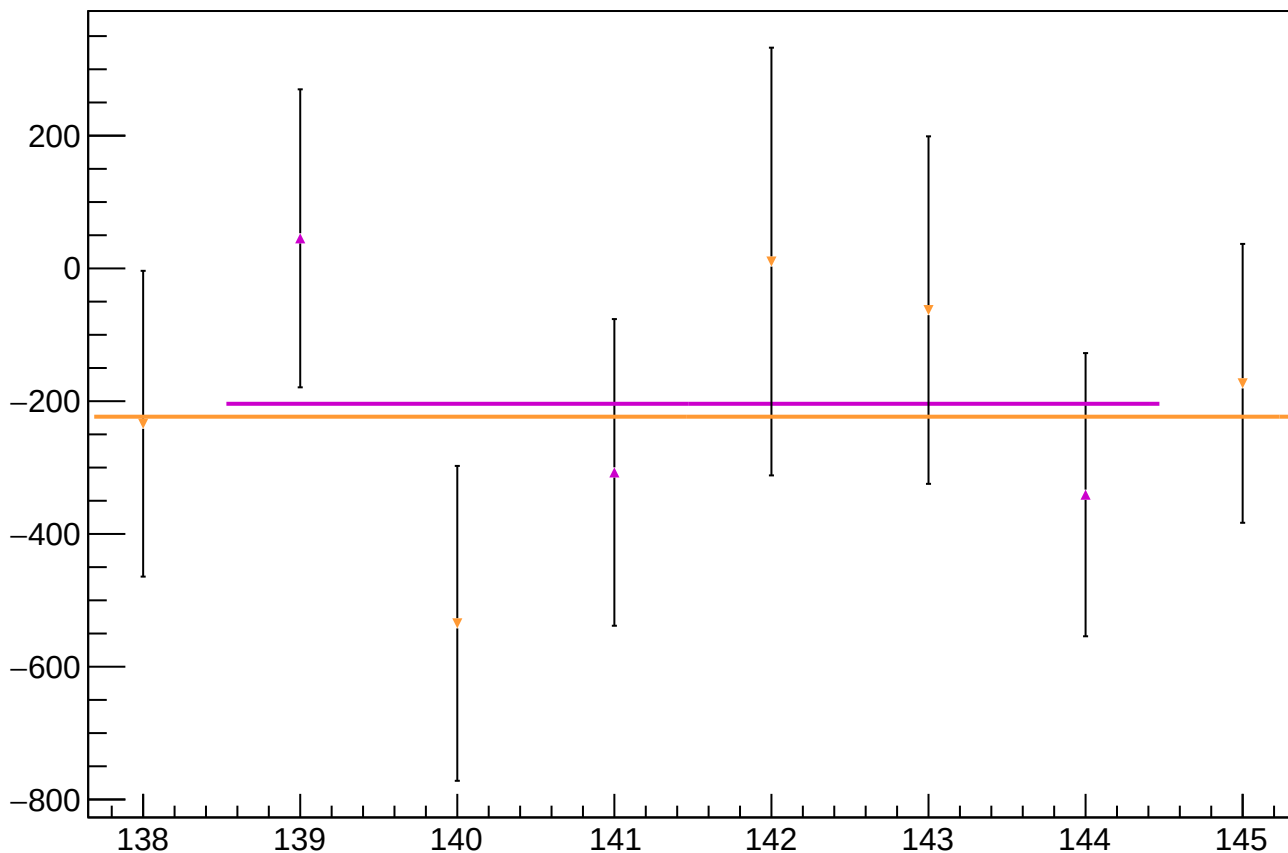
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 607.616+/-0.274 χ^2/NDF :40187.2/2

Out: 628.771+/-0.242 χ^2/NDF :30892.4/4

All: 619.492+/-0.181 χ^2/NDF : 74426.8/7

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -223.354+/-109.424 χ^2/NDF : 2.7/4

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

Left In: -203.908+/-128.496 χ^2/NDF : 1.8/2

Left: -215.180+/-83.309 χ^2/NDF : 4.5/7

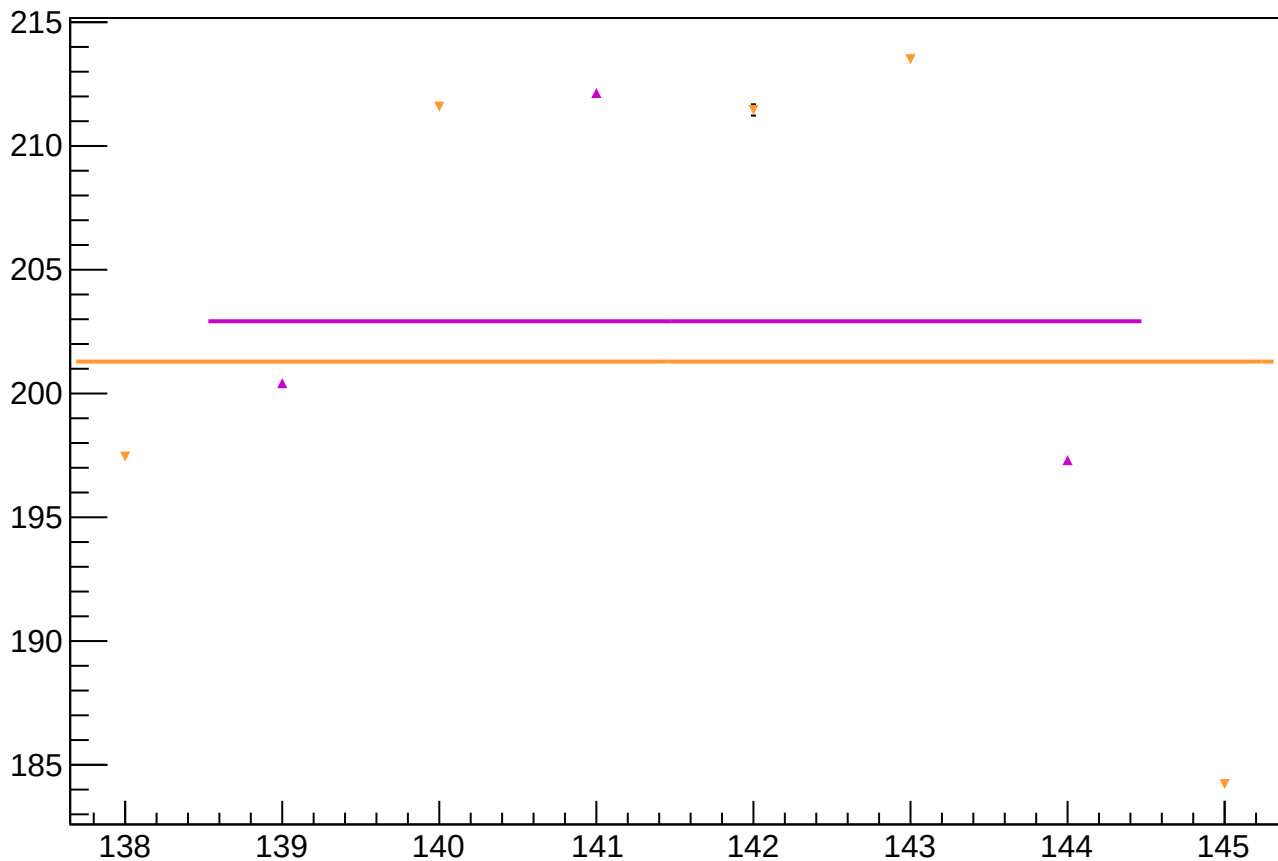
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -203.908+/-128.496 χ^2/NDF : 1.8/2

Out: -223.354+/-109.424 χ^2/NDF : 2.7/4

All: -215.180+/-83.309 χ^2/NDF : 4.5/7

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 201.290 ± 0.077 $\chi^2/\text{NDF}: 23877.4/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 202.918 ± 0.091 $\chi^2/\text{NDF}: 4820.8/2$

Left: 201.975 ± 0.059 $\chi^2/\text{NDF}: 28884.4/7$

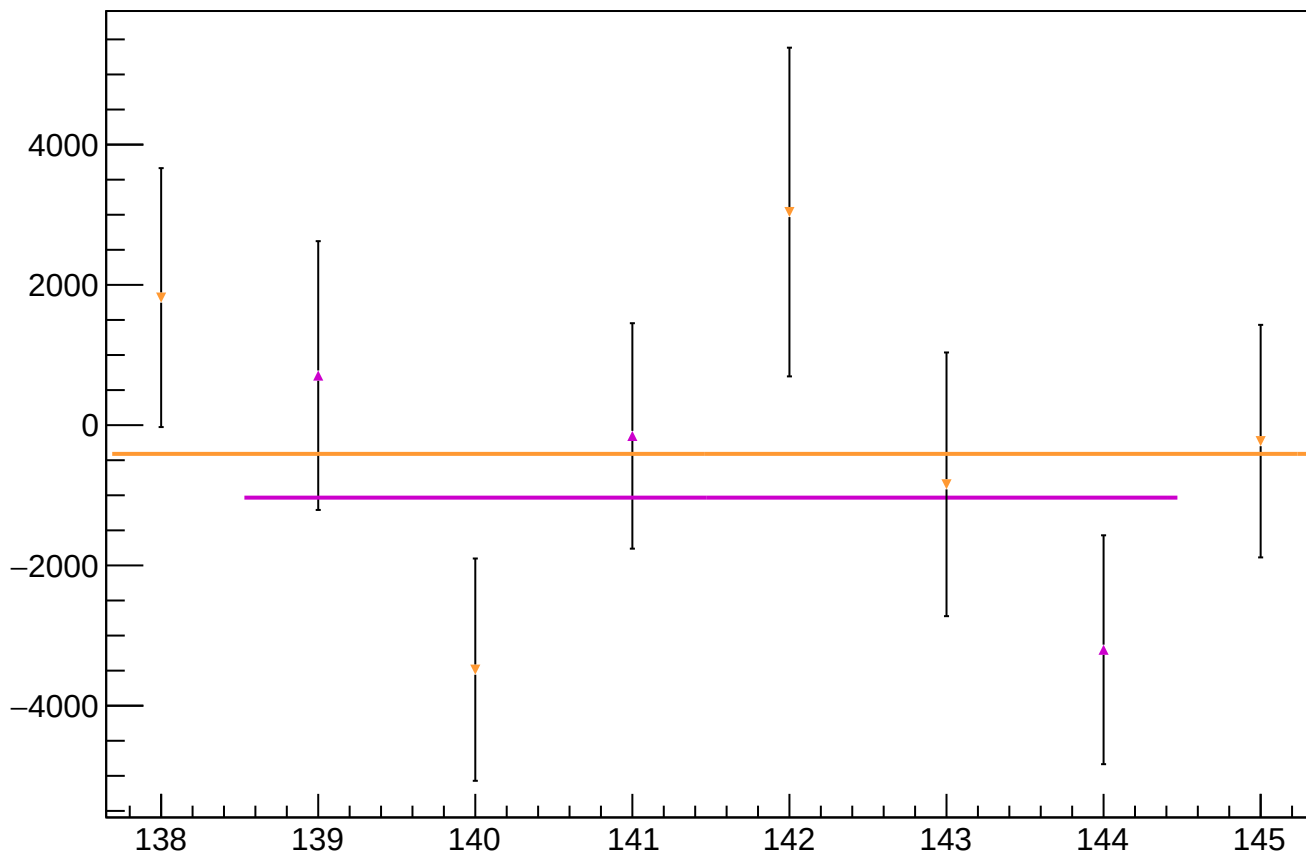
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 202.918 ± 0.091 $\chi^2/\text{NDF}: 4820.8/2$

Out: 201.290 ± 0.077 $\chi^2/\text{NDF}: 23877.4/4$

All: 201.975 ± 0.059 $\chi^2/\text{NDF}: 28884.4/7$

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -409.520+/-810.933 χ^2/NDF : 7.5/4

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

Left In: -1033.440+/-982.895 χ^2/NDF : 2.9/2

Left: -662.214+/-625.518 χ^2/NDF : 10.6/7

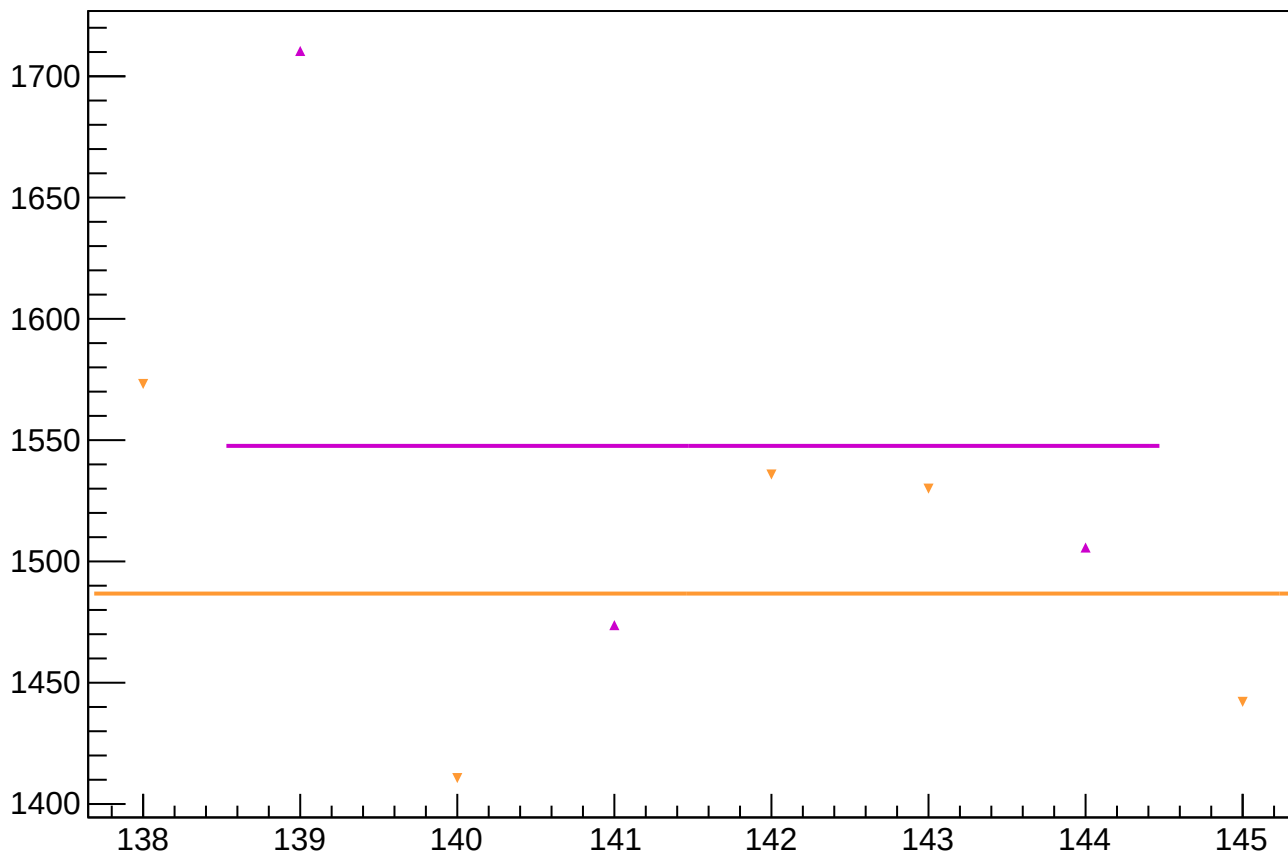
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1033.440+/-982.895 χ^2/NDF : 2.9/2

Out: -409.520+/-810.933 χ^2/NDF : 7.5/4

All: -662.214+/-625.518 χ^2/NDF : 10.6/7

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1486.752+/-0.573 χ^2/NDF :12376.3/4

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

Left In: 1547.638+/-0.695 χ^2/NDF :19984.1/2

Left: 1511.412+/-0.442 χ^2/NDF : 36926.5/7

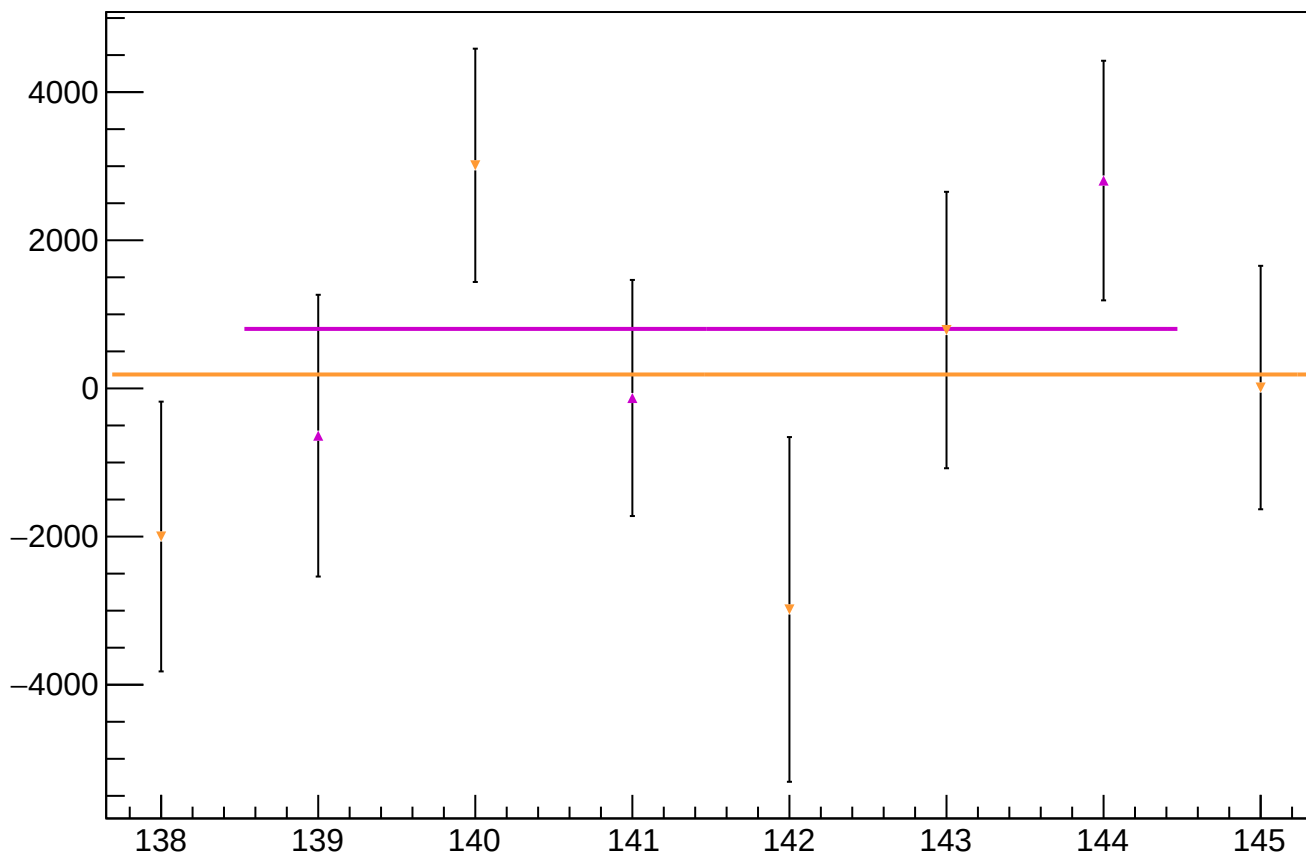
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1547.638+/-0.695 χ^2/NDF :19984.1/2

Out: 1486.752+/-0.573 χ^2/NDF :12376.3/4

All: 1511.412+/-0.442 χ^2/NDF : 36926.5/7

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 188.248 ± 803.960 χ^2/NDF : 6.6/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 803.556 ± 974.680 χ^2/NDF : 2.5/2

Left: 437.382 ± 620.201 χ^2/NDF : 9.3/7

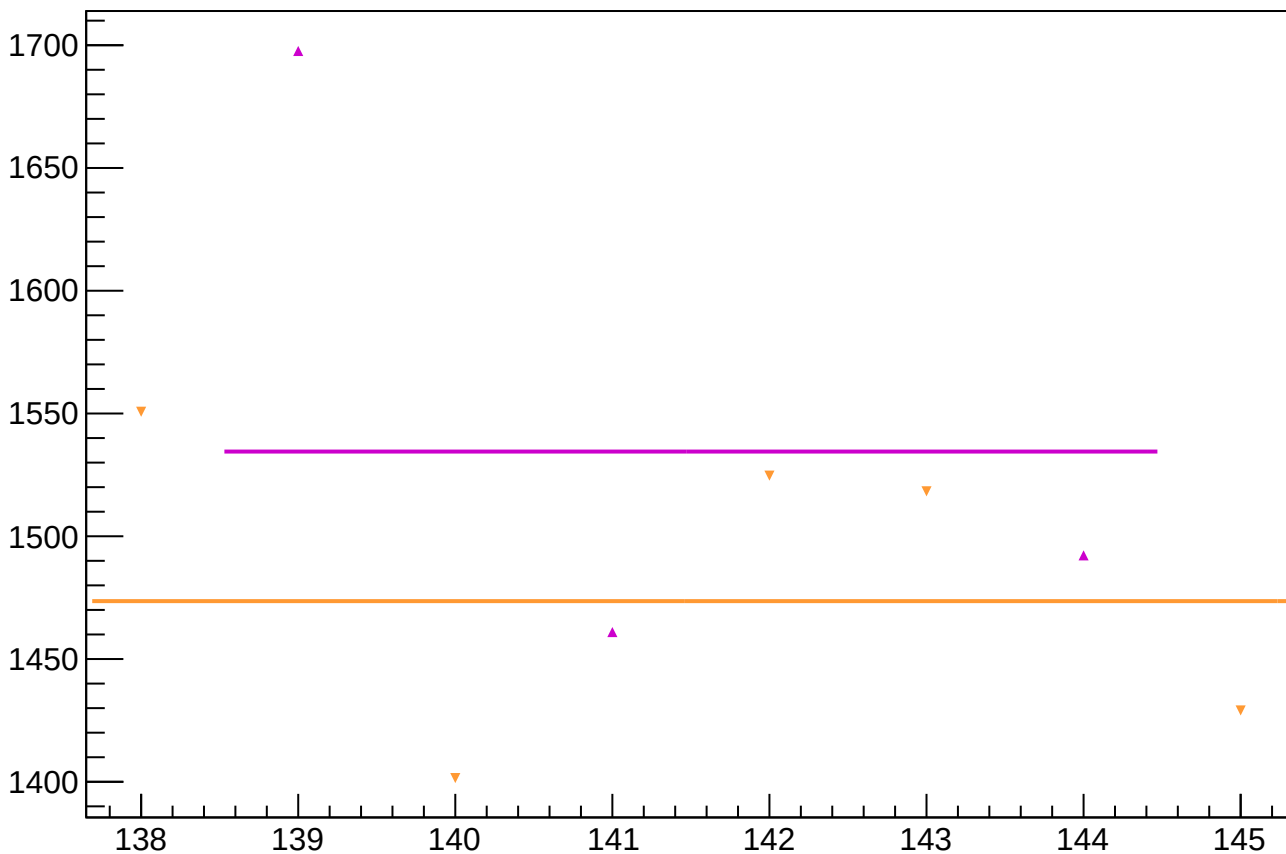
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 803.556 ± 974.680 χ^2/NDF : 2.5/2

Out: 188.248 ± 803.960 χ^2/NDF : 6.6/4

All: 437.382 ± 620.201 χ^2/NDF : 9.3/7

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1473.581+/-0.568 χ^2/NDF :11359.5/4

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

Left In: 1534.499+/-0.689 χ^2/NDF :20343.3/2

Left: 1498.247+/-0.439 χ^2/NDF : 36352.1/7

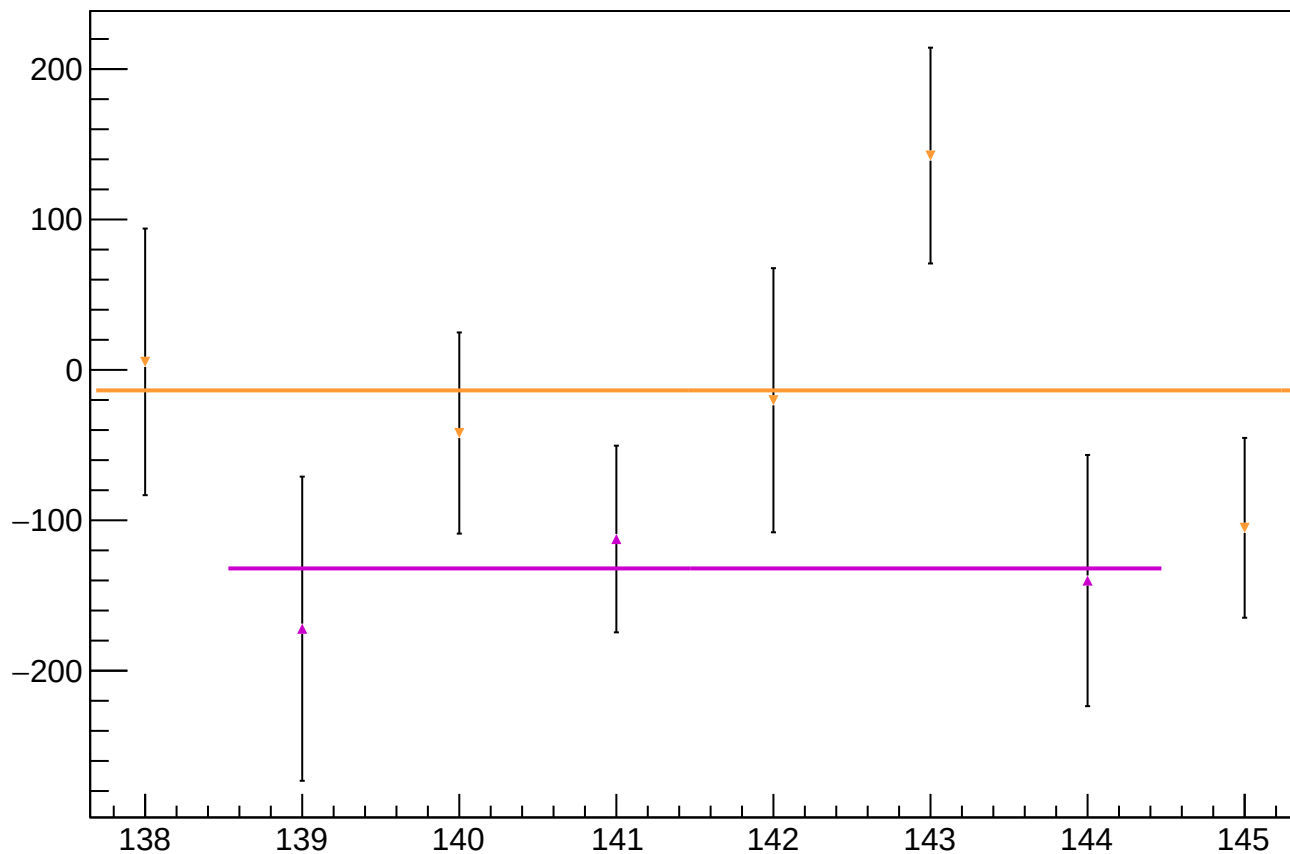
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1534.499+/-0.689 χ^2/NDF :20343.3/2

Out: 1473.581+/-0.568 χ^2/NDF :11359.5/4

All: 1498.247+/-0.439 χ^2/NDF : 36352.1/7

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -13.634 ± 32.364 χ^2/NDF : 7.3/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -132.001 ± 44.685 χ^2/NDF : 0.3/2

Left: -54.360 ± 26.211 χ^2/NDF : 12.2/7

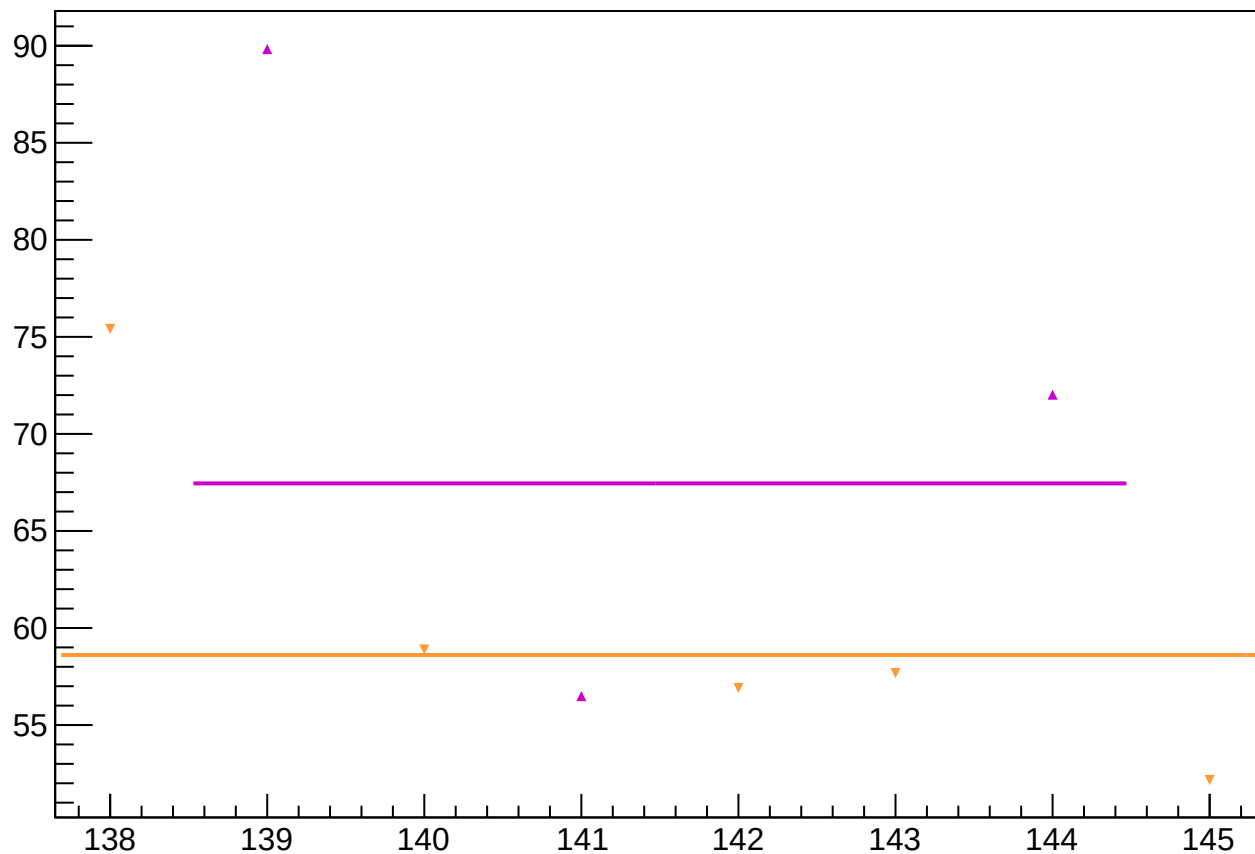
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -132.001 ± 44.685 χ^2/NDF : 0.3/2

Out: -13.634 ± 32.364 χ^2/NDF : 7.3/4

All: -54.360 ± 26.211 χ^2/NDF : 12.2/7

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 58.608+/-0.023 χ^2/NDF :96220.5/4

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

Left In: 67.449+/-0.032 χ^2/NDF :166322.4/2

Left: 61.650+/-0.019 χ^2/NDF : 313900.9/7

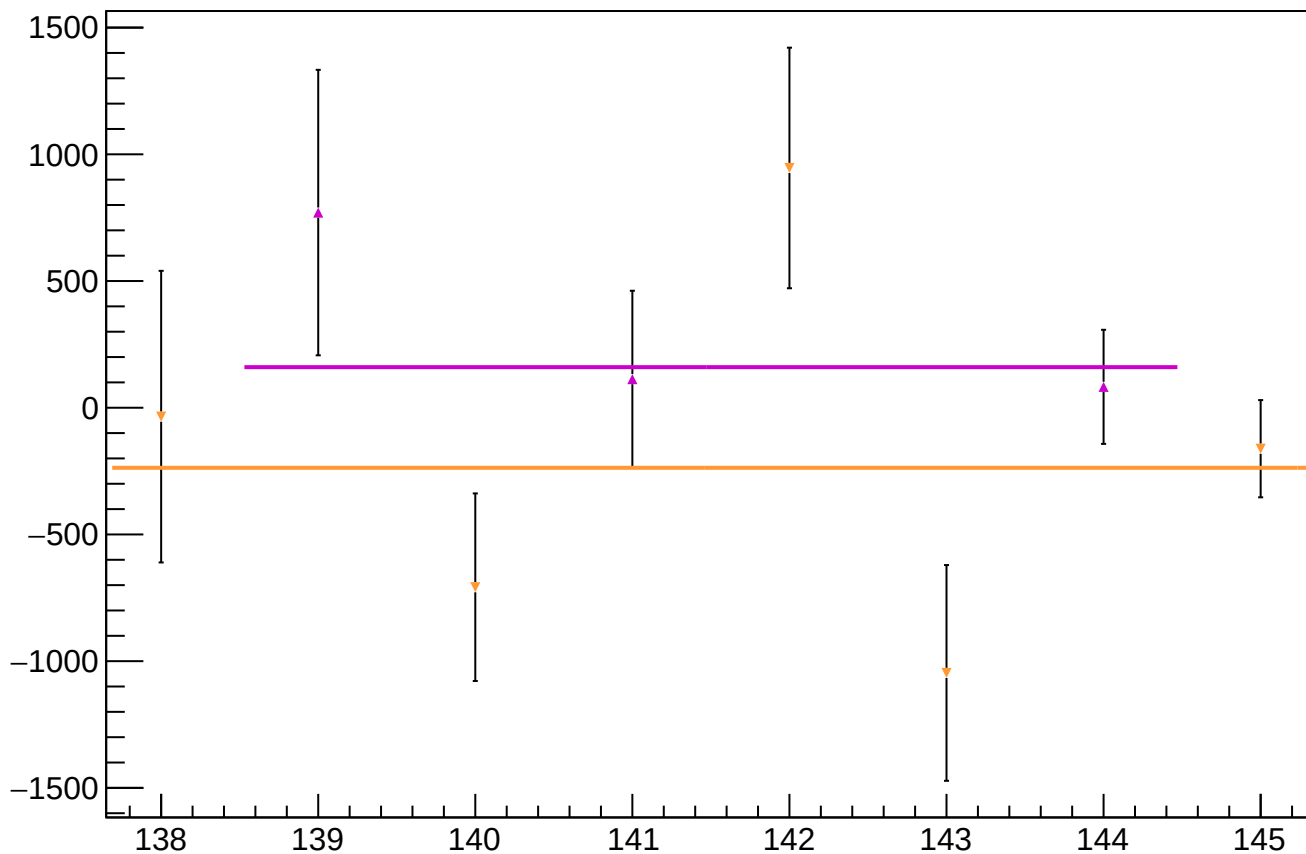
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 67.449+/-0.032 χ^2/NDF :166322.4/2

Out: 58.608+/-0.023 χ^2/NDF :96220.5/4

All: 61.650+/-0.019 χ^2/NDF : 313900.9/7

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -236.985+/-145.167 χ^2/NDF :11.7/4

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

Left In: 160.157+/-179.264 χ^2/NDF :1.3/2

Left: -79.697+/-112.815 χ^2/NDF : 16.0/7

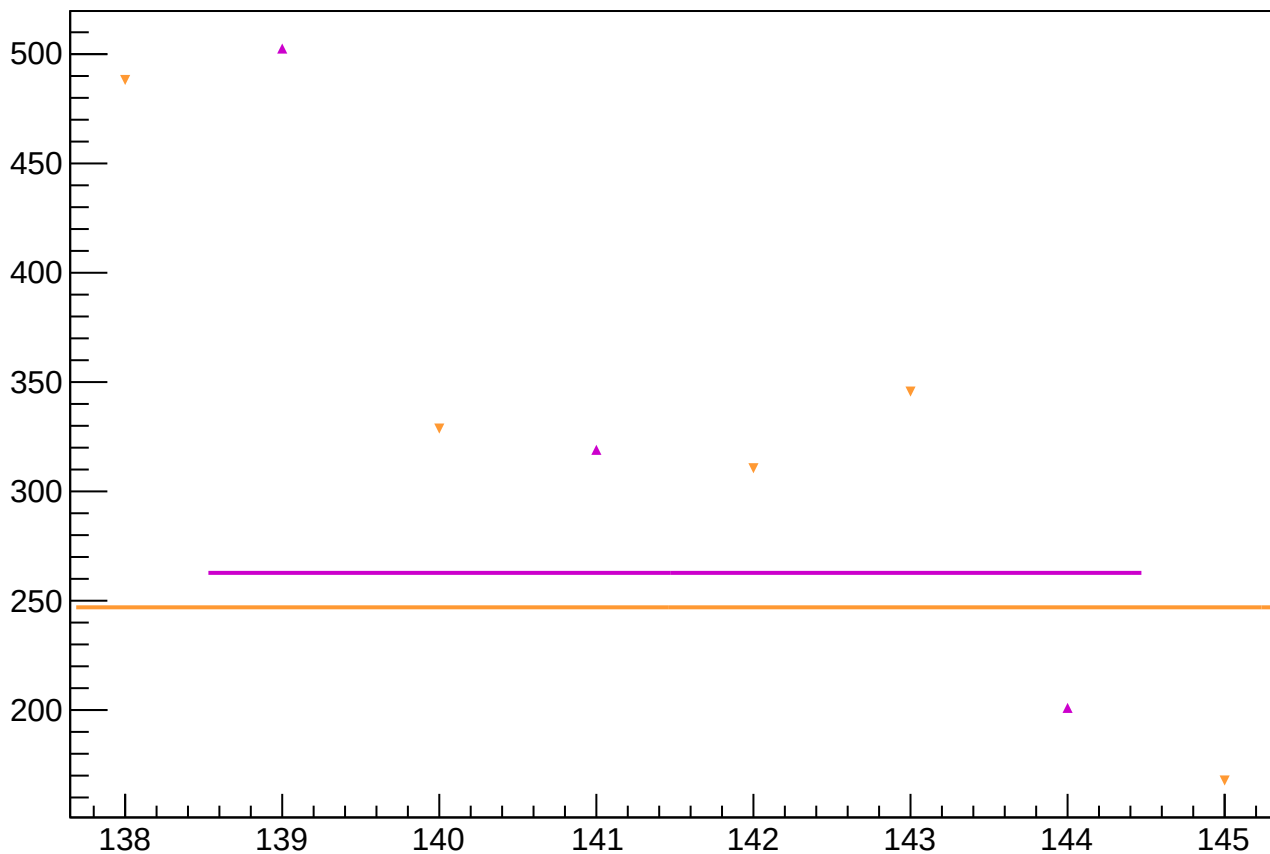
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 160.157+/-179.264 χ^2/NDF :1.3/2

Out: -236.985+/-145.167 χ^2/NDF :11.7/4

All: -79.697+/-112.815 χ^2/NDF : 16.0/7

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 246.979+/-0.103 χ^2/NDF :933507.8/4

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

Left In: 262.736+/-0.127 χ^2/NDF :565224.9/2

Left: 253.220+/-0.080 χ^2/NDF : 1508066.0/7

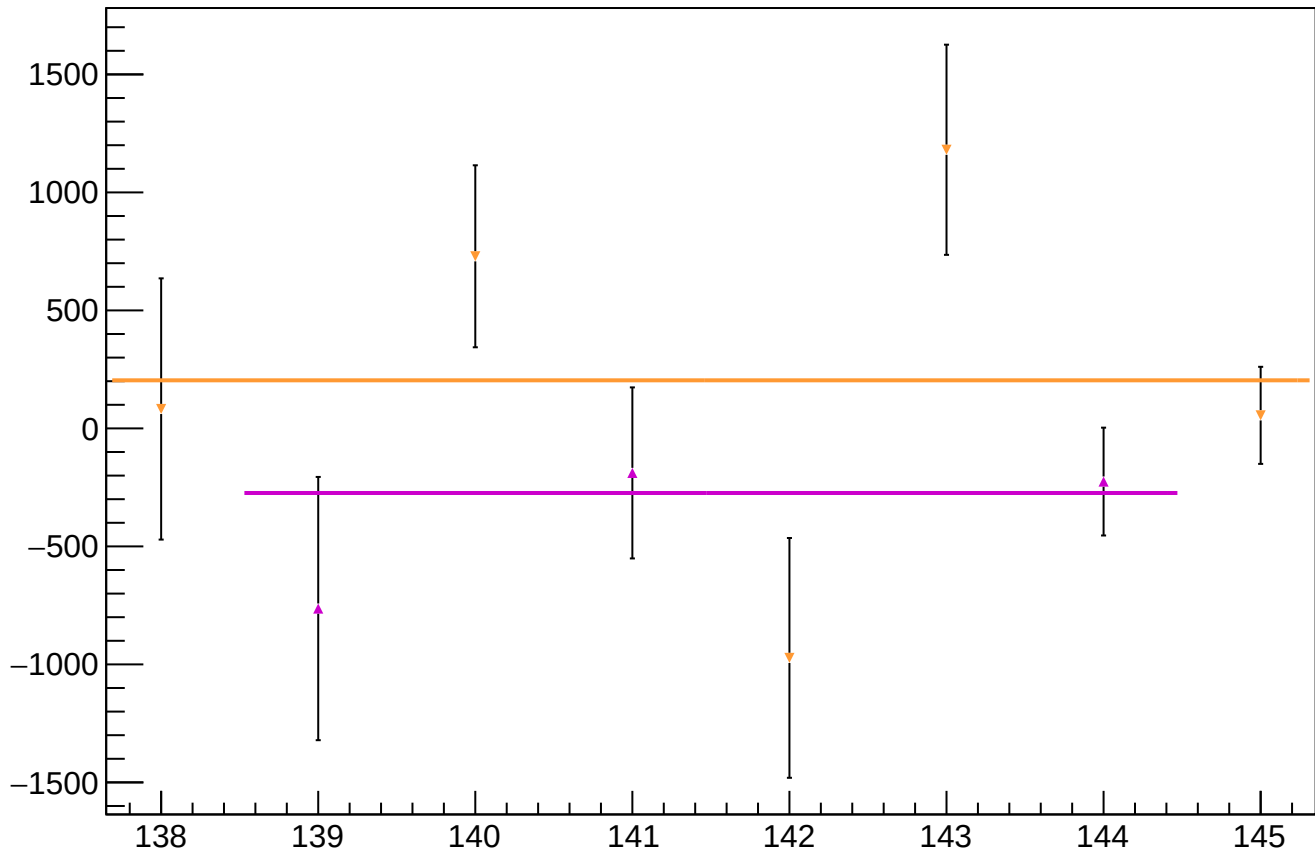
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 262.736+/-0.127 χ^2/NDF :565224.9/2

Out: 246.979+/-0.103 χ^2/NDF :933507.8/4

All: 253.220+/-0.080 χ^2/NDF : 1508066.0/7

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 203.720 ± 153.311 χ^2/NDF : 12.6/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -273.684 ± 182.607 χ^2/NDF : 0.9/2

Left: 6.339 ± 117.416 χ^2/NDF : 17.5/7

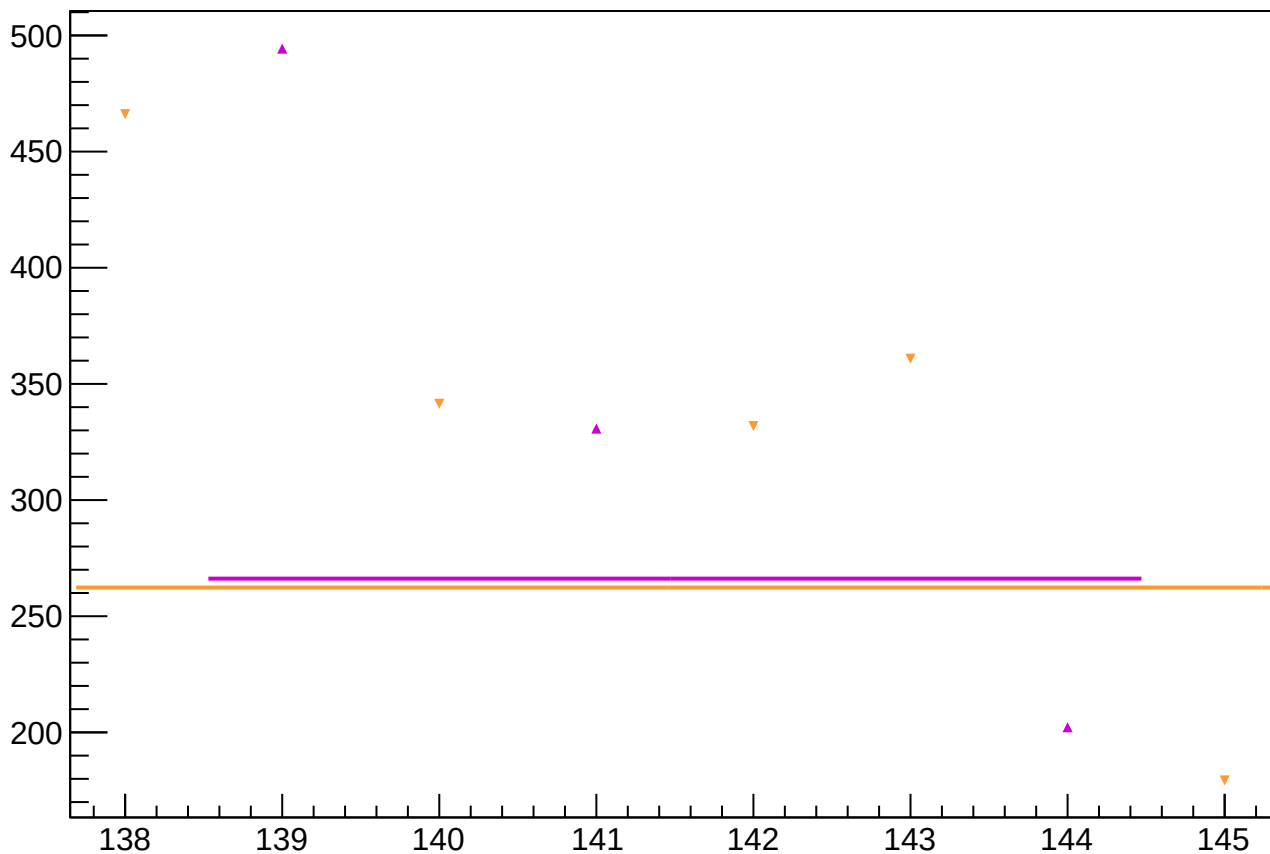
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -273.684 ± 182.607 χ^2/NDF : 0.9/2

Out: 203.720 ± 153.311 χ^2/NDF : 12.6/4

All: 6.339 ± 117.416 χ^2/NDF : 17.5/7

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 262.346+/-0.108 χ^2/NDF : 816474.9/4

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

Left In: 266.184+/-0.129 χ^2/NDF : 554935.3/2

Left: 263.933+/-0.083 χ^2/NDF : 1371928.5/7

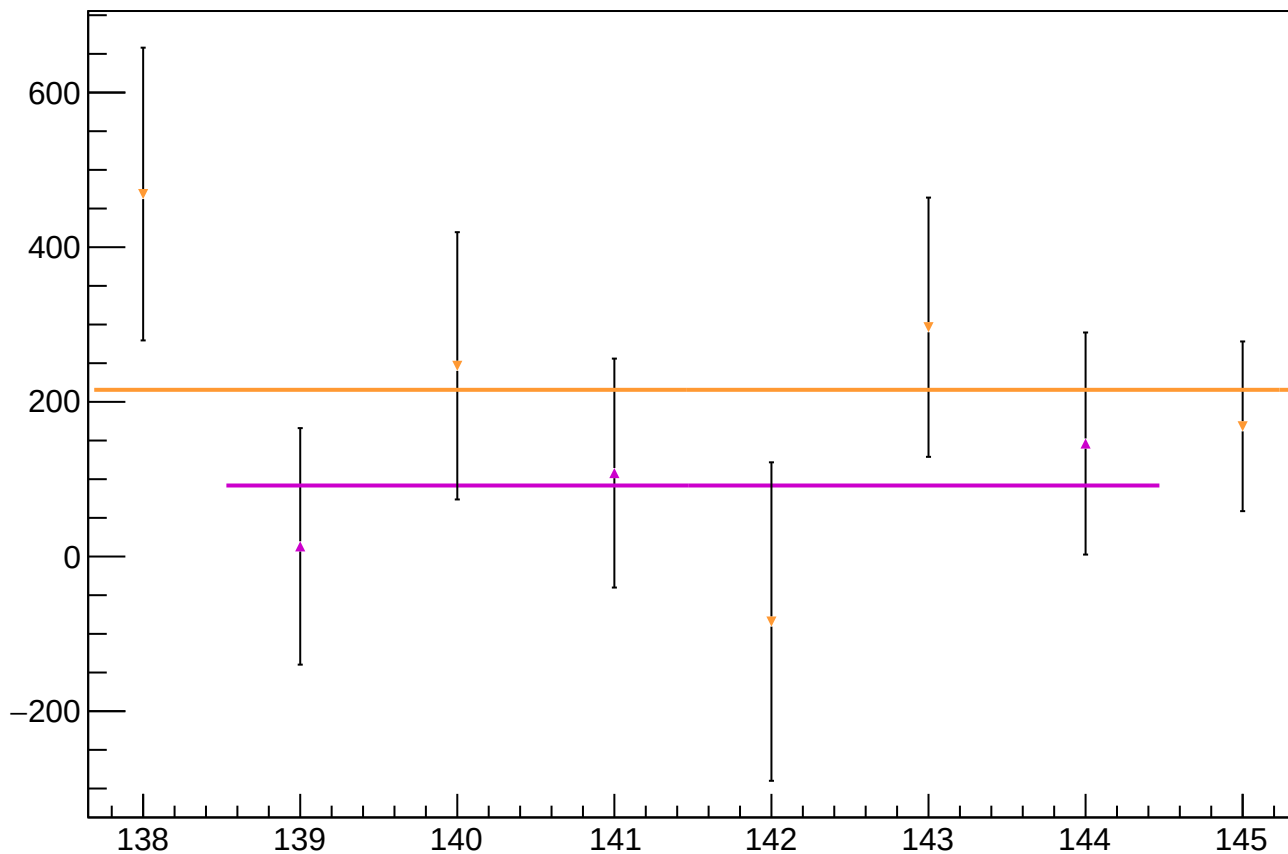
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 266.184+/-0.129 χ^2/NDF : 554935.3/2

Out: 262.346+/-0.108 χ^2/NDF : 816474.9/4

All: 263.933+/-0.083 χ^2/NDF : 1371928.5/7

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 215.577+/-70.077 χ^2/NDF : 4.4/4

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

Left In: 91.846+/-85.472 χ^2/NDF : 0.4/2

Left: 165.838+/-54.191 χ^2/NDF : 6.0/7

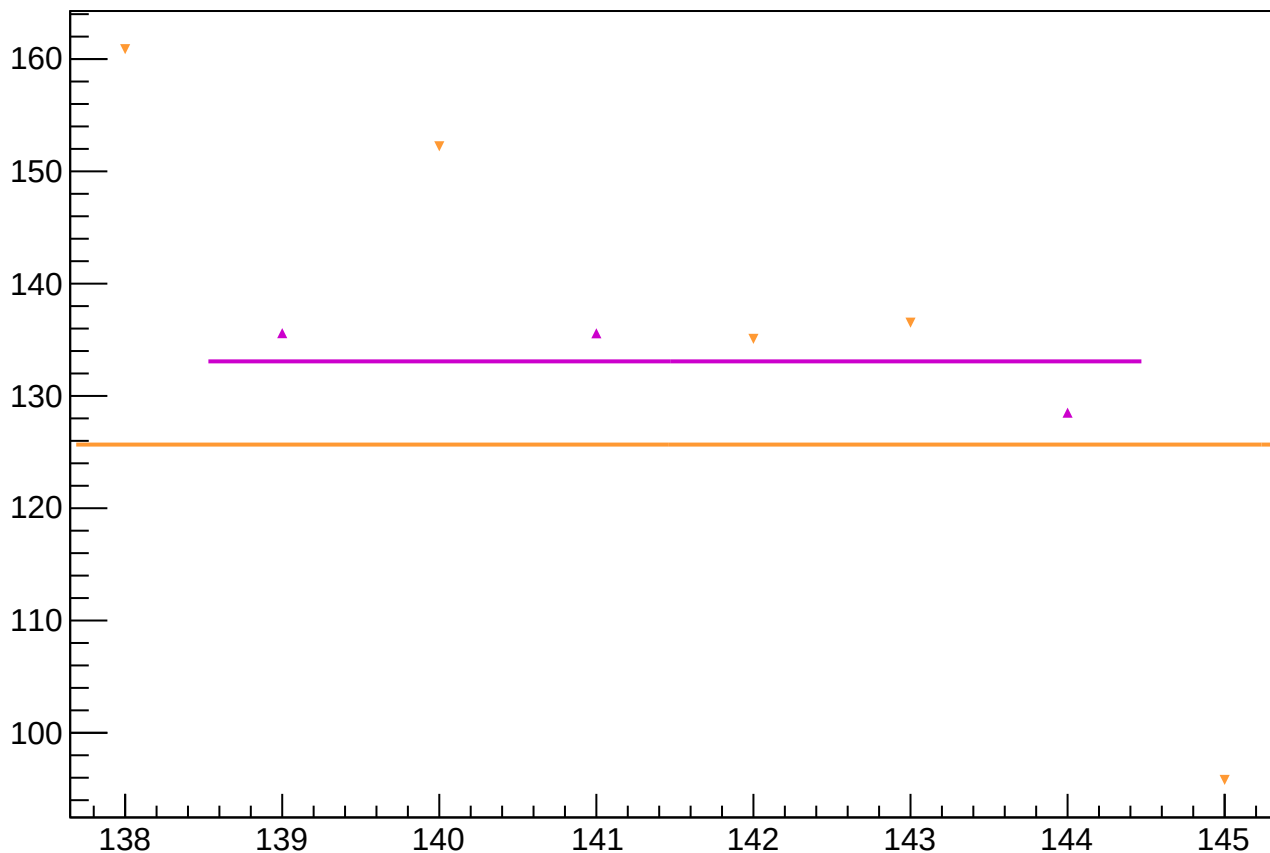
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.846+/-85.472 χ^2/NDF : 0.4/2

Out: 215.577+/-70.077 χ^2/NDF : 4.4/4

All: 165.838+/-54.191 χ^2/NDF : 6.0/7

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 125.668+/-0.050 χ^2/NDF :277201.5/4

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

Left In: 133.078+/-0.060 χ^2/NDF :3136.0/2

Left: 128.647+/-0.038 χ^2/NDF : 289326.7/7

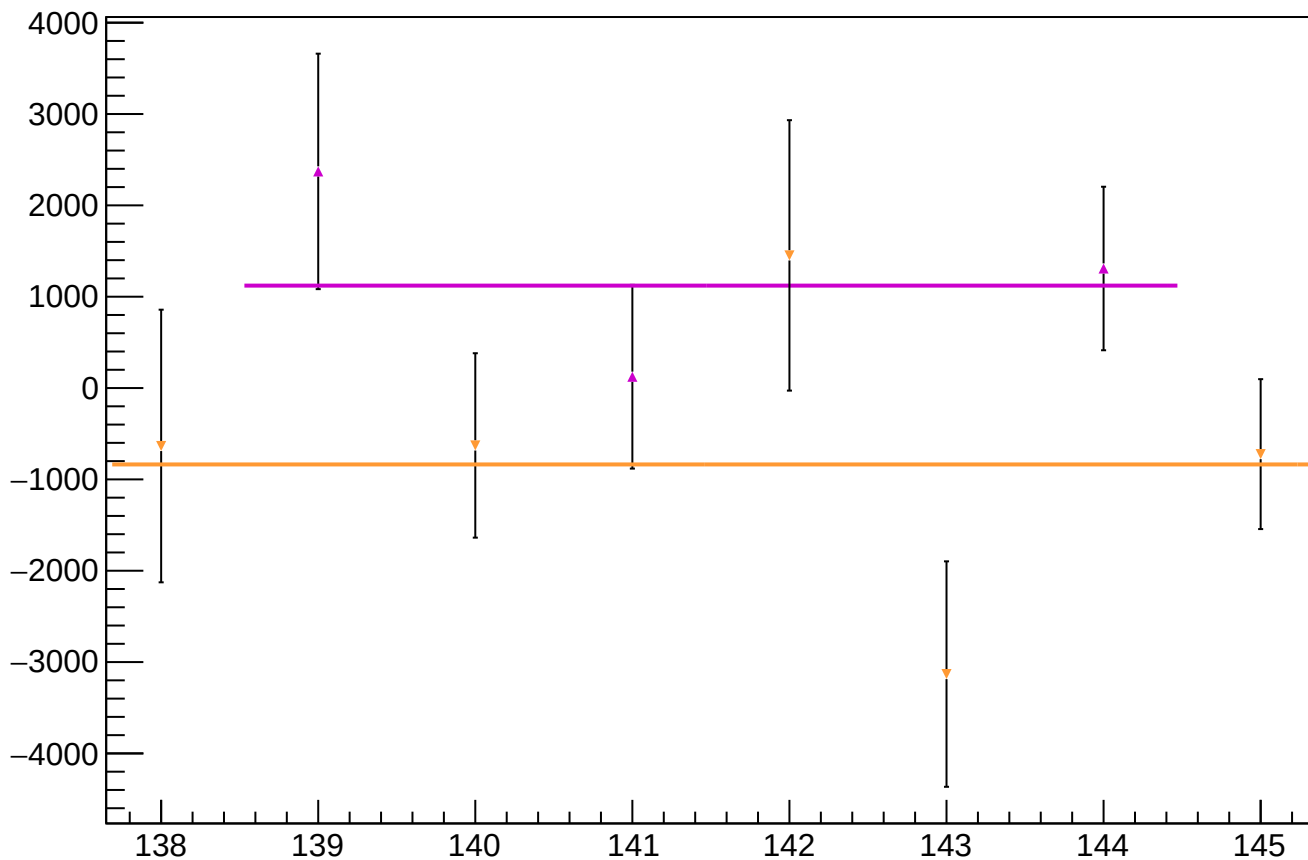
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.078+/-0.060 χ^2/NDF :3136.0/2

Out: 125.668+/-0.050 χ^2/NDF :277201.5/4

All: 128.647+/-0.038 χ^2/NDF : 289326.7/7

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -836.317+/-498.242 χ^2/NDF :5.9/4

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

Left In: 1121.448+/-593.501 χ^2/NDF :2.0/2

Left: -26.966+/-381.601 χ^2/NDF : 14.3/7

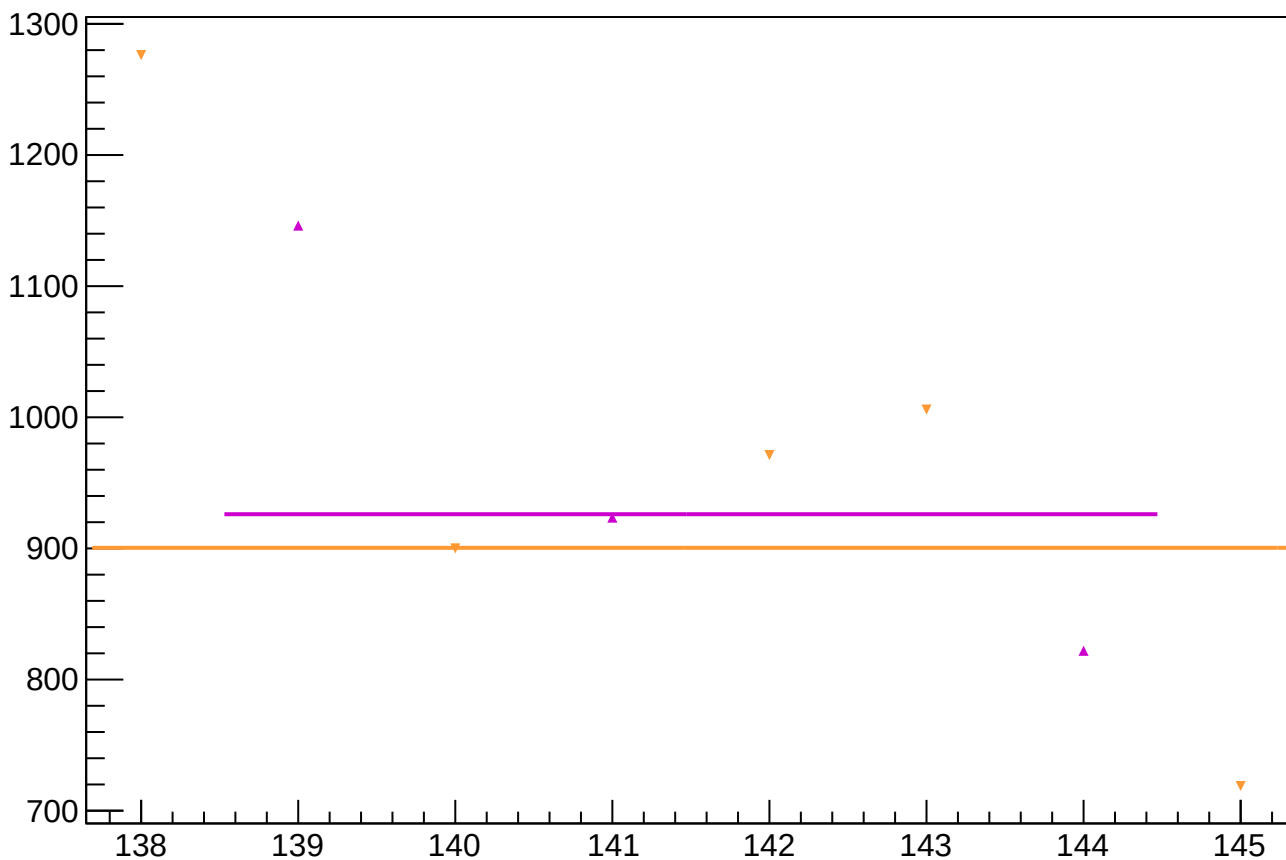
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1121.448+/-593.501 χ^2/NDF :2.0/2

Out: -836.317+/-498.242 χ^2/NDF :5.9/4

All: -26.966+/-381.601 χ^2/NDF : 14.3/7

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 900.469+/-0.352 χ^2/NDF :243967.5/4

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

Left In: 926.082+/-0.420 χ^2/NDF :85404.8/2

Left: 911.057+/-0.270 χ^2/NDF : 331557.4/7

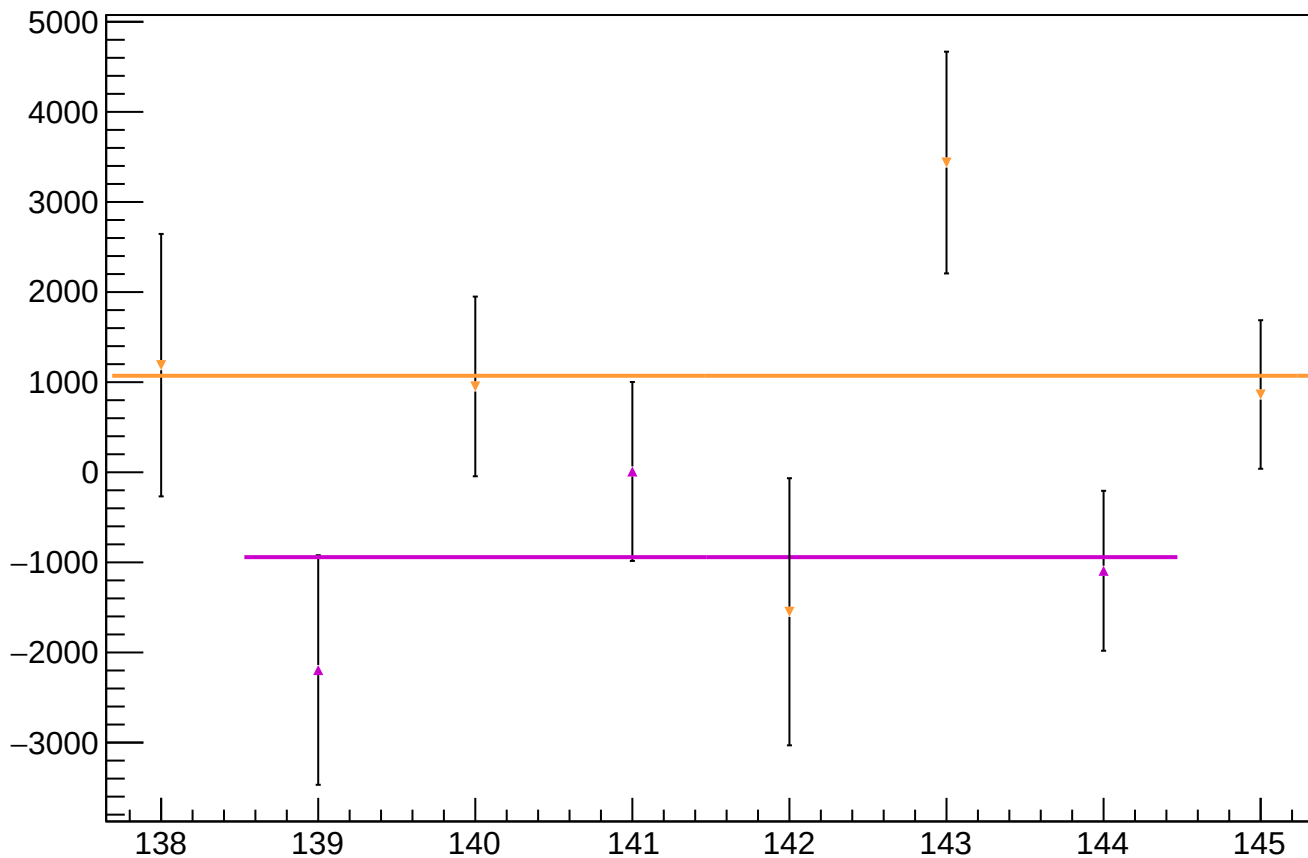
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 926.082+/-0.420 χ^2/NDF :85404.8/2

Out: 900.469+/-0.352 χ^2/NDF :243967.5/4

All: 911.057+/-0.270 χ^2/NDF : 331557.4/7

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1071.420+/-496.048 χ^2/NDF : 6.9/4

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

Left In: -941.951+/-587.260 χ^2/NDF : 1.9/2

Left: 233.062+/-378.951 χ^2/NDF : 15.7/7

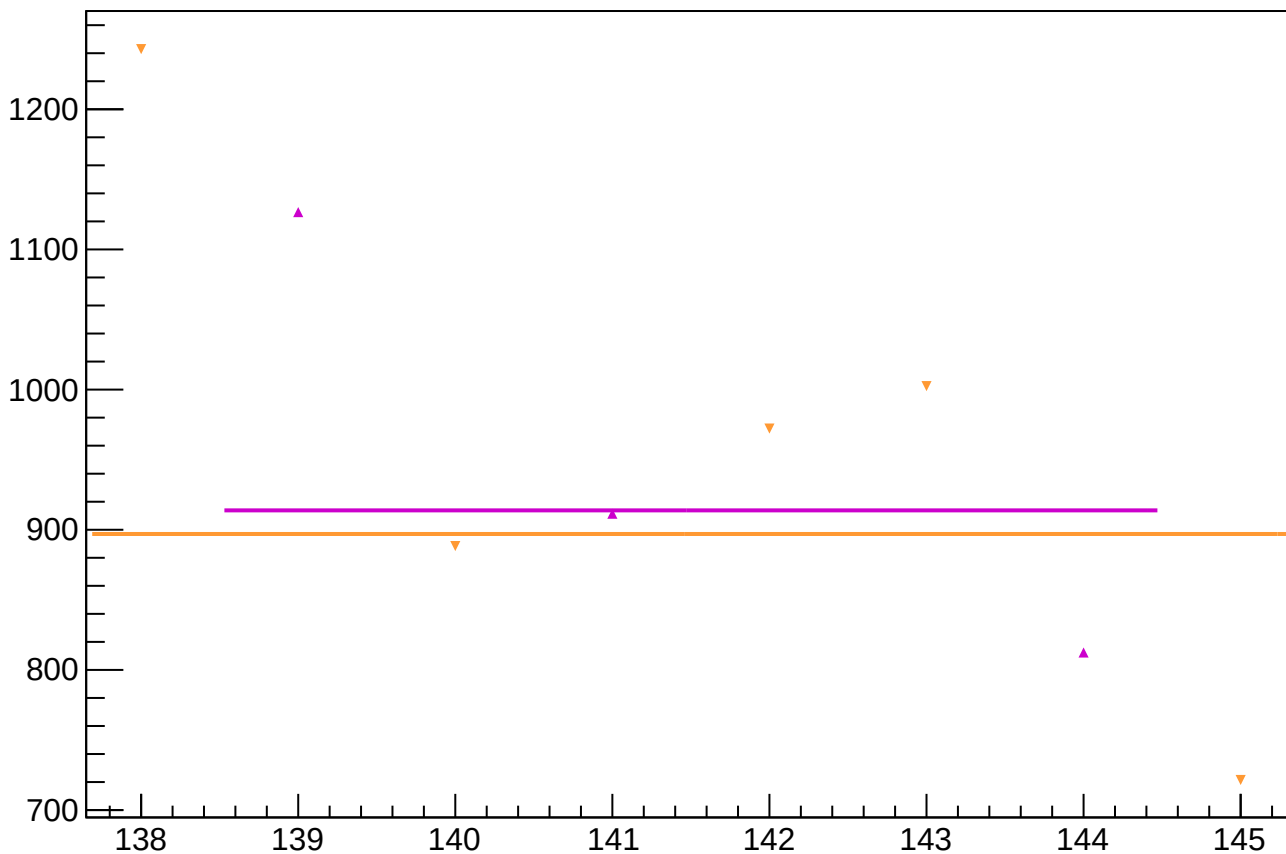
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -941.951+/-587.260 χ^2/NDF : 1.9/2

Out: 1071.420+/-496.048 χ^2/NDF : 6.9/4

All: 233.062+/-378.951 χ^2/NDF : 15.7/7

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 896.986+/-0.351 χ^2/NDF :223468.3/4

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

Left In: 913.832+/-0.415 χ^2/NDF :81928.5/2

Left: 904.001+/-0.268 χ^2/NDF : 306357.2/7

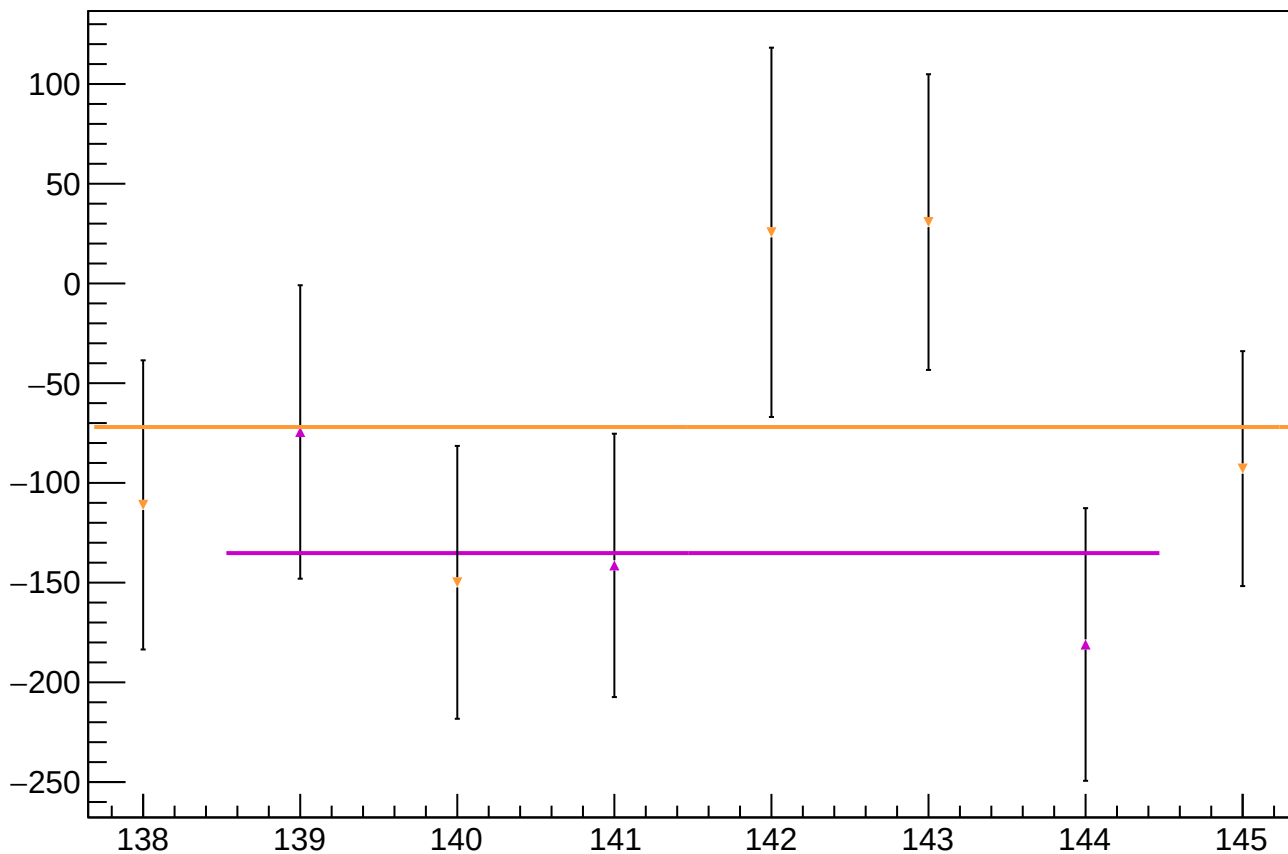
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 913.832+/-0.415 χ^2/NDF :81928.5/2

Out: 896.986+/-0.351 χ^2/NDF :223468.3/4

All: 904.001+/-0.268 χ^2/NDF : 306357.2/7

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -71.984 ± 31.767 $\chi^2/\text{NDF}: 4.7/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -135.194 ± 39.898 $\chi^2/\text{NDF}: 1.1/2$

Left: -96.508 ± 24.852 $\chi^2/\text{NDF}: 7.4/7$

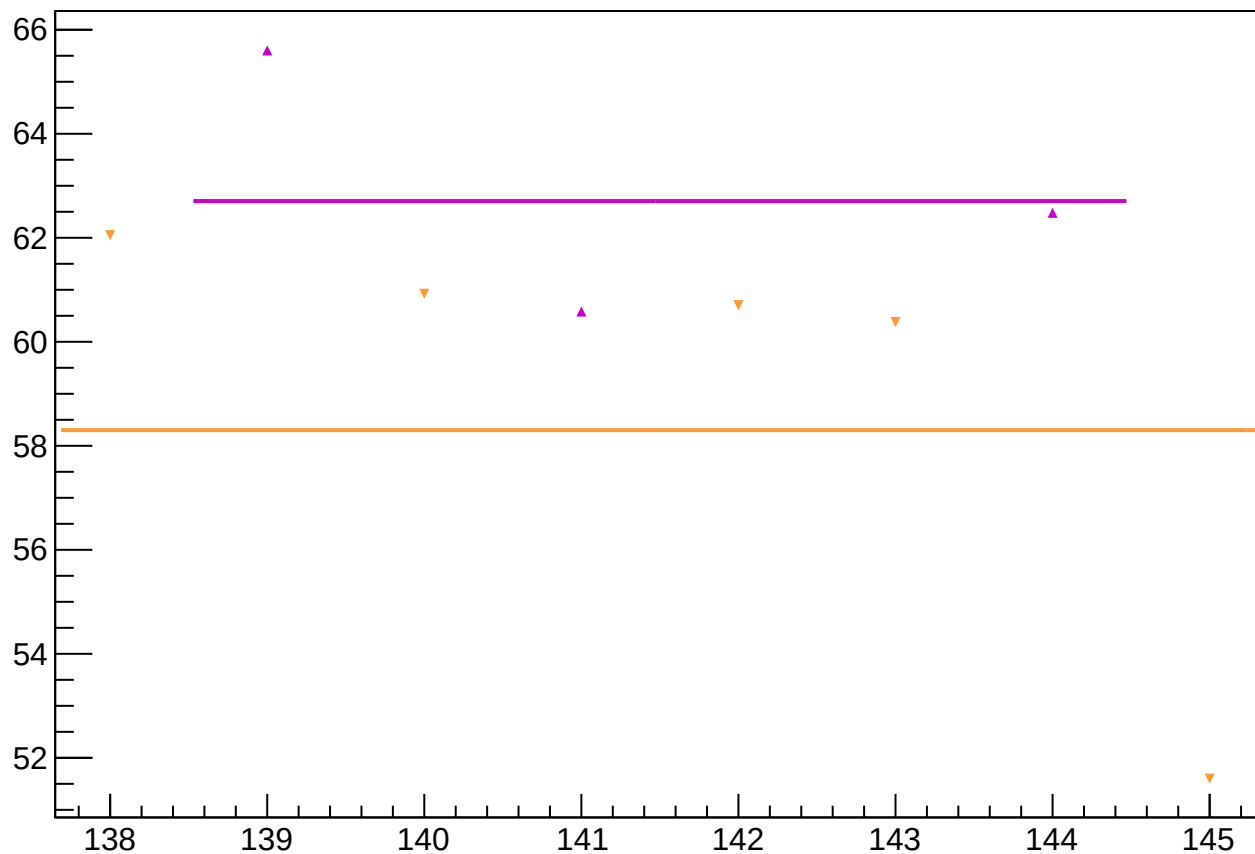
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -135.194 ± 39.898 $\chi^2/\text{NDF}: 1.1/2$

Out: -71.984 ± 31.767 $\chi^2/\text{NDF}: 4.7/4$

All: -96.508 ± 24.852 $\chi^2/\text{NDF}: 7.4/7$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 58.301 $\pm$ 0.022 χ^2 /NDF:37102.0/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 62.706 $\pm$ 0.028 χ^2 /NDF:5191.8/2

Left: 60.010 $\pm$ 0.018 χ^2 /NDF: 57212.7/7

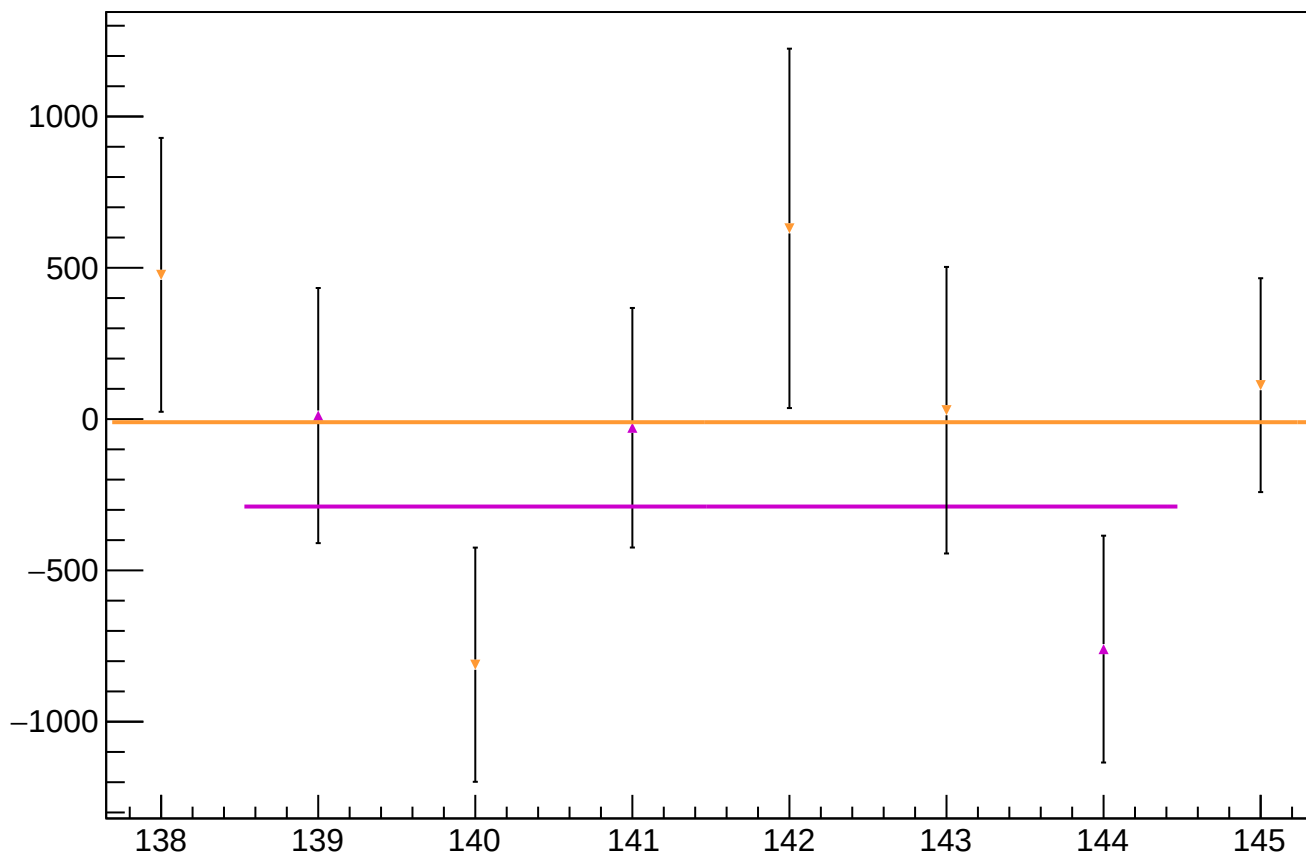
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 62.706 $\pm$ 0.028 χ^2 /NDF:5191.8/2

Out: 58.301 $\pm$ 0.022 χ^2 /NDF:37102.0/4

All: 60.010 $\pm$ 0.018 χ^2 /NDF: 57212.7/7

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: -10.258+/-192.943 χ^2/NDF :6.7/4

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

Left In: -288.975+/-228.667 χ^2/NDF :2.5/2

Left: -126.168+/-147.463 χ^2/NDF : 10.1/7

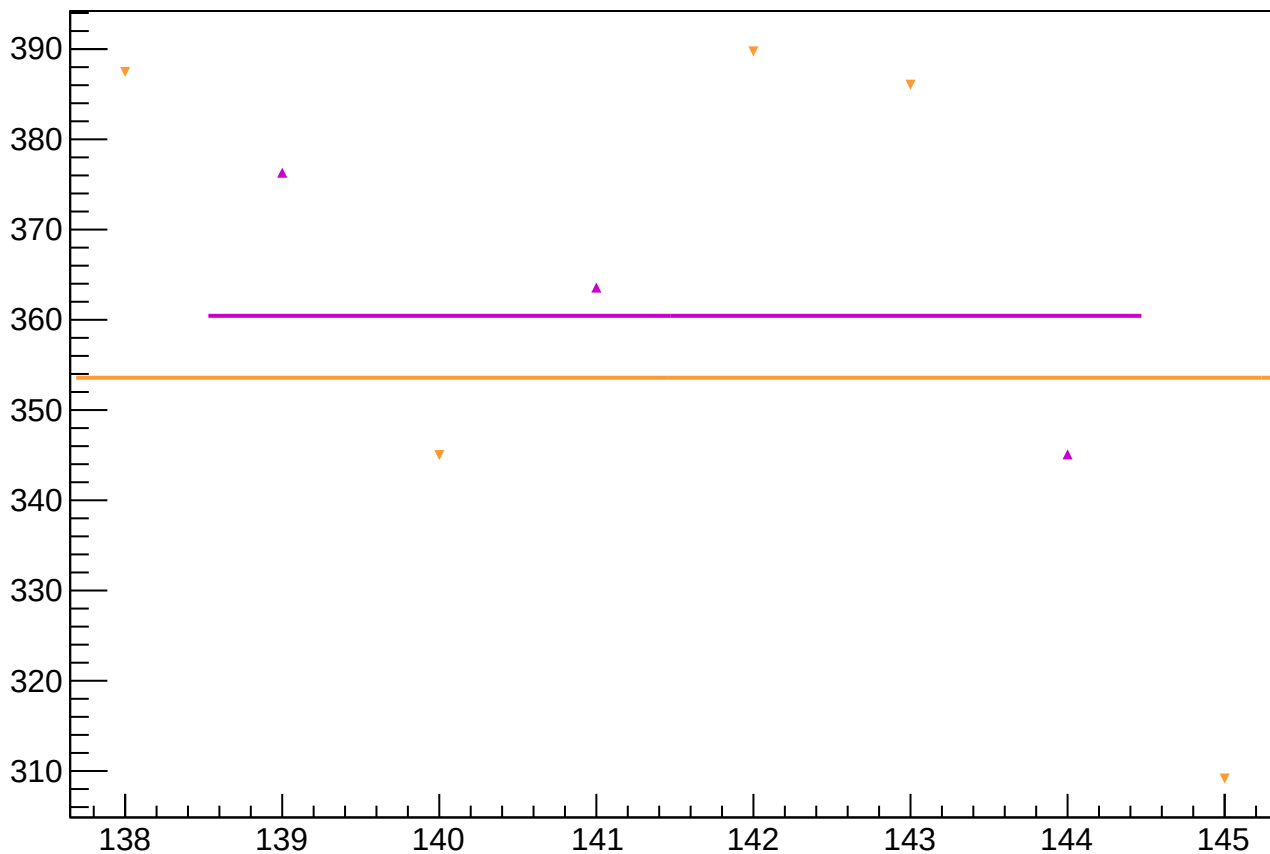
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -288.975+/-228.667 χ^2/NDF :2.5/2

Out: -10.258+/-192.943 χ^2/NDF :6.7/4

All: -126.168+/-147.463 χ^2/NDF : 10.1/7

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: 353.580+/-0.136 χ^2/NDF :60606.8/4

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

Left In: 360.443+/-0.162 χ^2/NDF :6310.7/2

Left: 356.434+/-0.104 χ^2/NDF : 67970.0/7

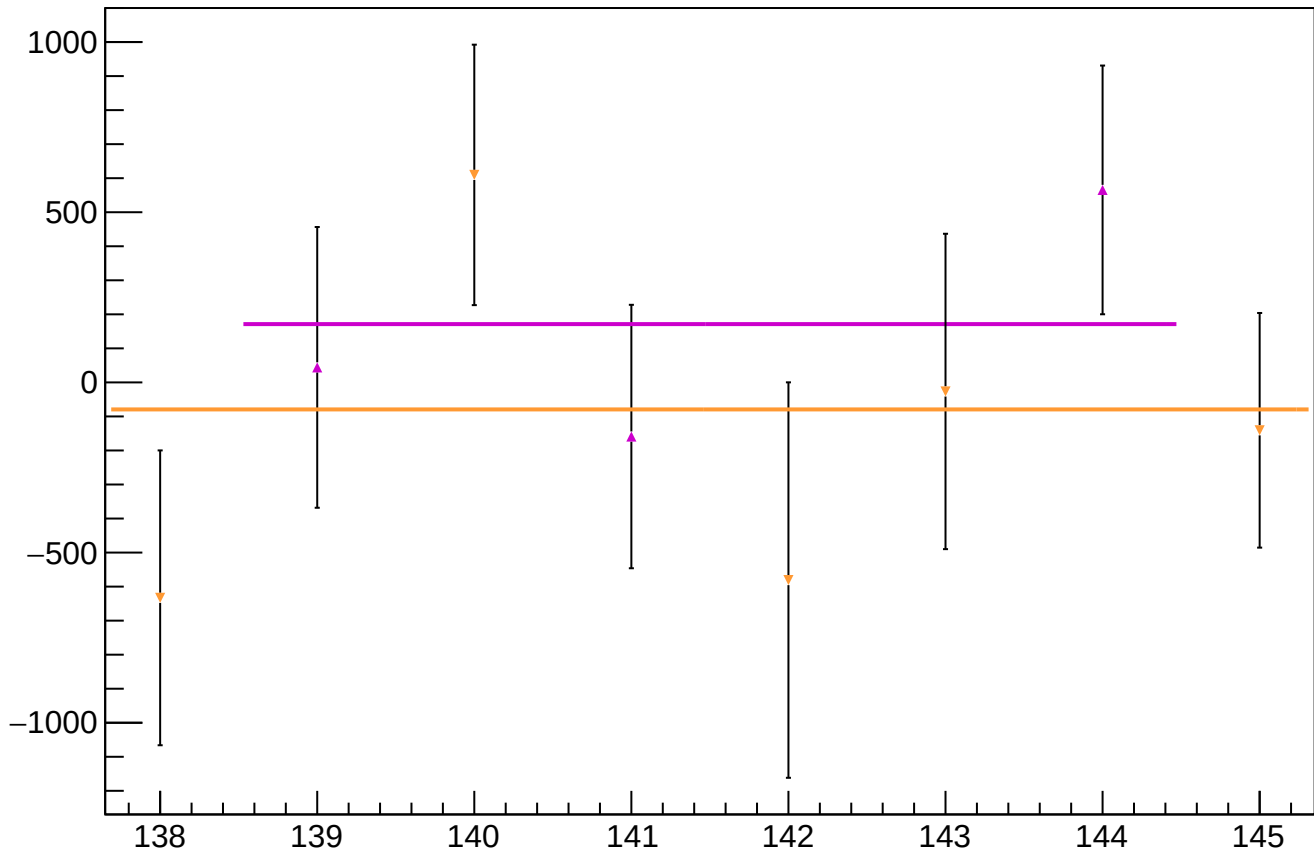
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 360.443+/-0.162 χ^2/NDF :6310.7/2

Out: 353.580+/-0.136 χ^2/NDF :60606.8/4

All: 356.434+/-0.104 χ^2/NDF : 67970.0/7

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -79.393+/-188.319 χ^2/NDF :5.7/4

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

Left In: 171.287+/-223.357 χ^2/NDF :2.0/2

Left: 24.765+/-143.974 χ^2/NDF : 8.4/7

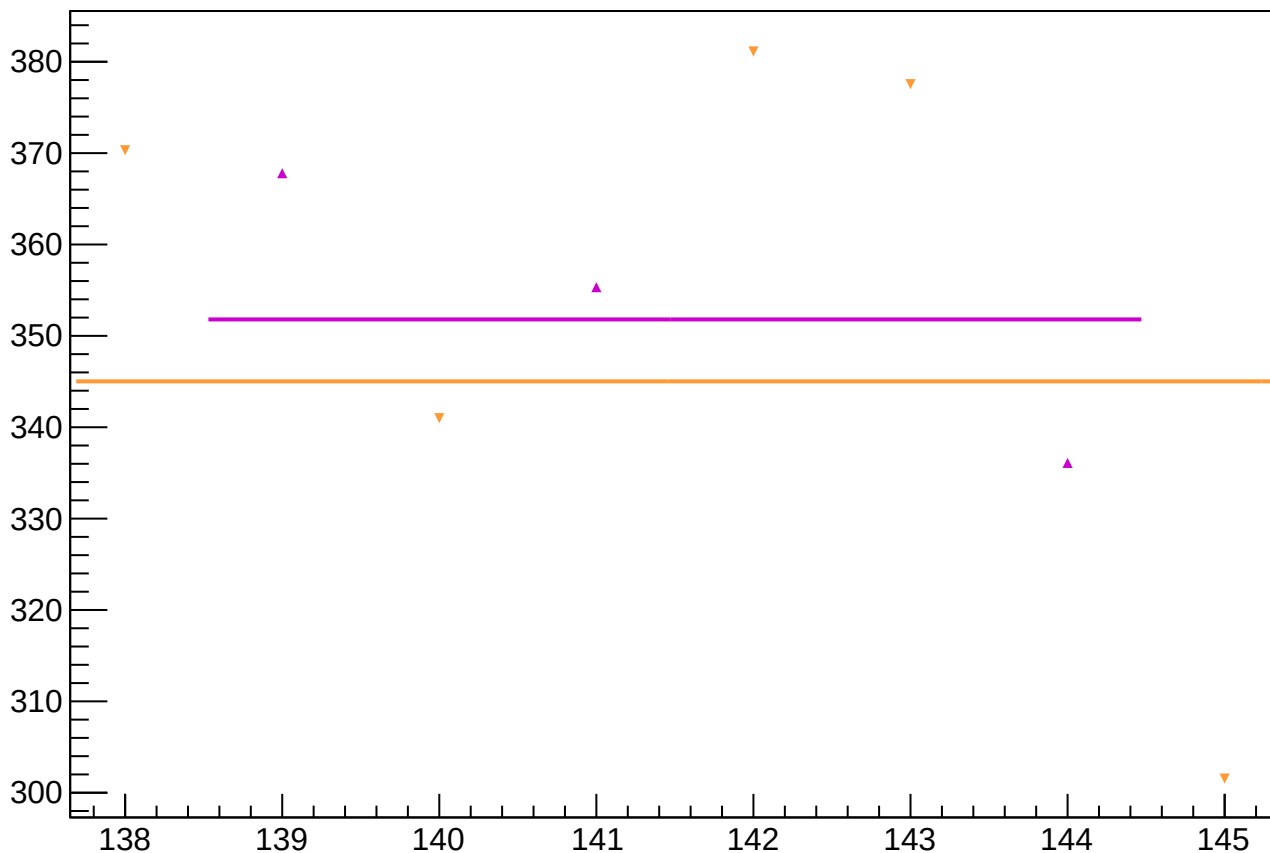
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.287+/-223.357 χ^2/NDF :2.0/2

Out: -79.393+/-188.319 χ^2/NDF :5.7/4

All: 24.765+/-143.974 χ^2/NDF : 8.4/7

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 345.021+/-0.133 χ^2/NDF :56437.1/4

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

Left In: 351.799+/-0.158 χ^2/NDF :6871.5/2

Left: 347.838+/-0.102 χ^2/NDF : 64385.1/7

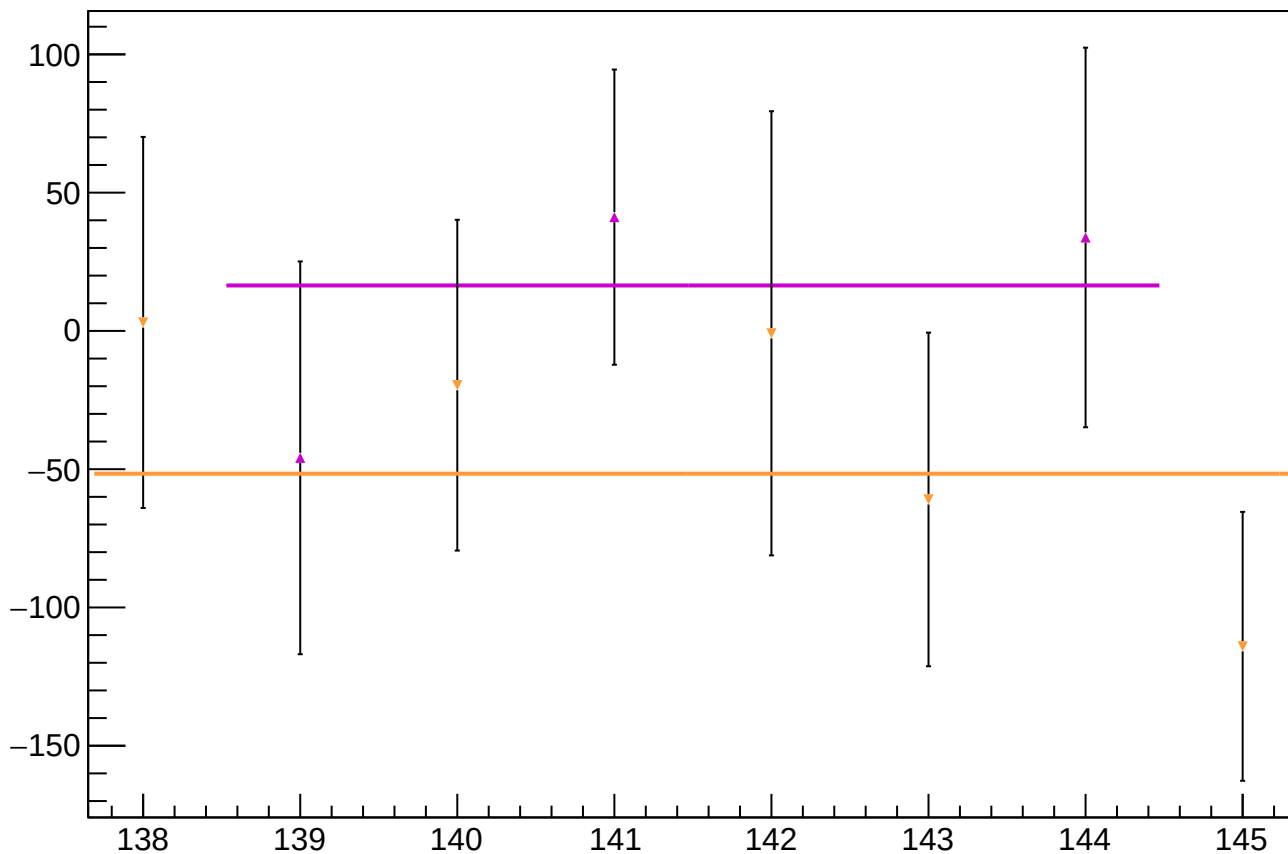
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 351.799+/-0.158 χ^2/NDF :6871.5/2

Out: 345.021+/-0.133 χ^2/NDF :56437.1/4

All: 347.838+/-0.102 χ^2/NDF : 64385.1/7

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -51.627 $\pm$ 27.171 χ^2 /NDF:3.0/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 16.436 $\pm$ 36.232 χ^2 /NDF:1.0/2

Left: -27.128 $\pm$ 21.738 χ^2 /NDF: 6.3/7

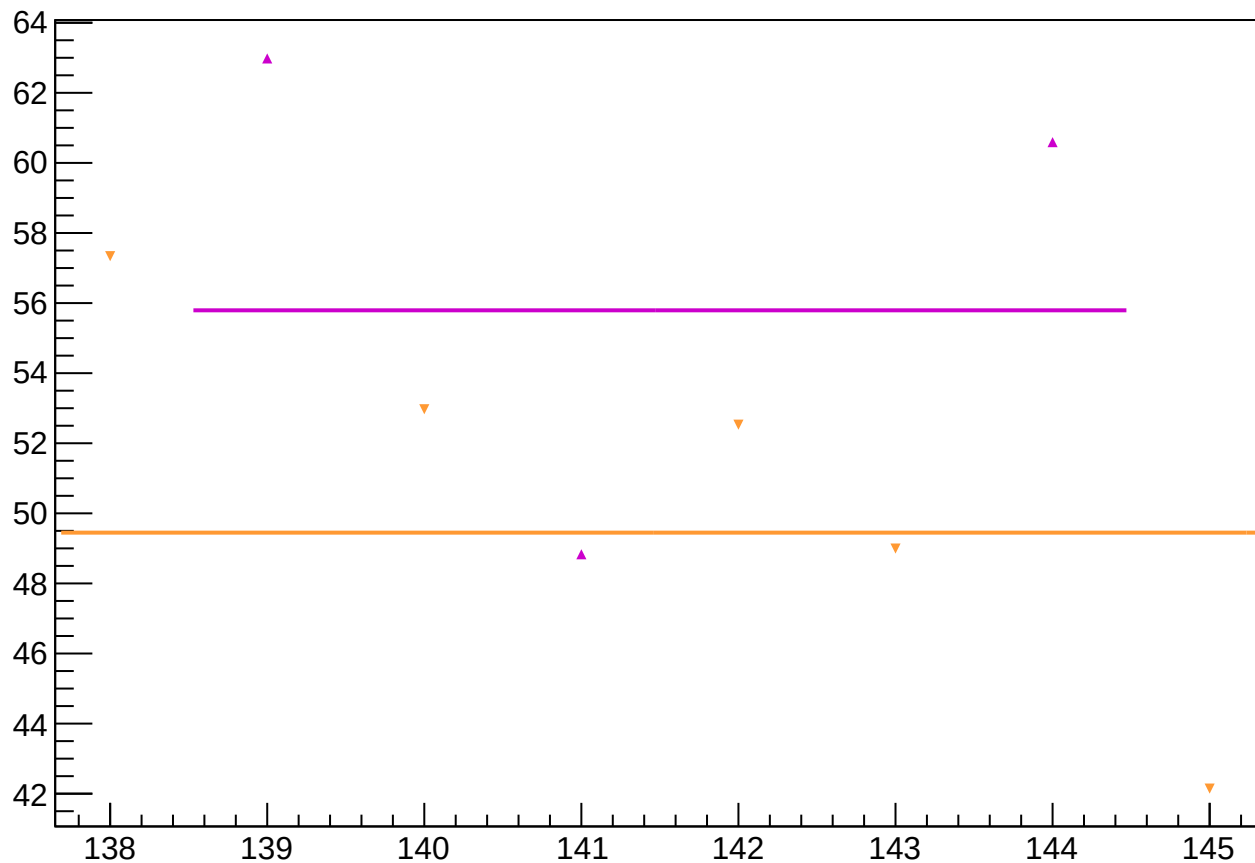
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 16.436 $\pm$ 36.232 χ^2 /NDF:1.0/2

Out: -51.627 $\pm$ 27.171 χ^2 /NDF:3.0/4

All: -27.128 $\pm$ 21.738 χ^2 /NDF: 6.3/7

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 49.449+/-0.019 χ^2/NDF : 82767.4/4

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

Left In: 55.794+/-0.026 χ^2/NDF : 64301.7/2

Left: 51.733+/-0.015 χ^2/NDF : 186315.9/7

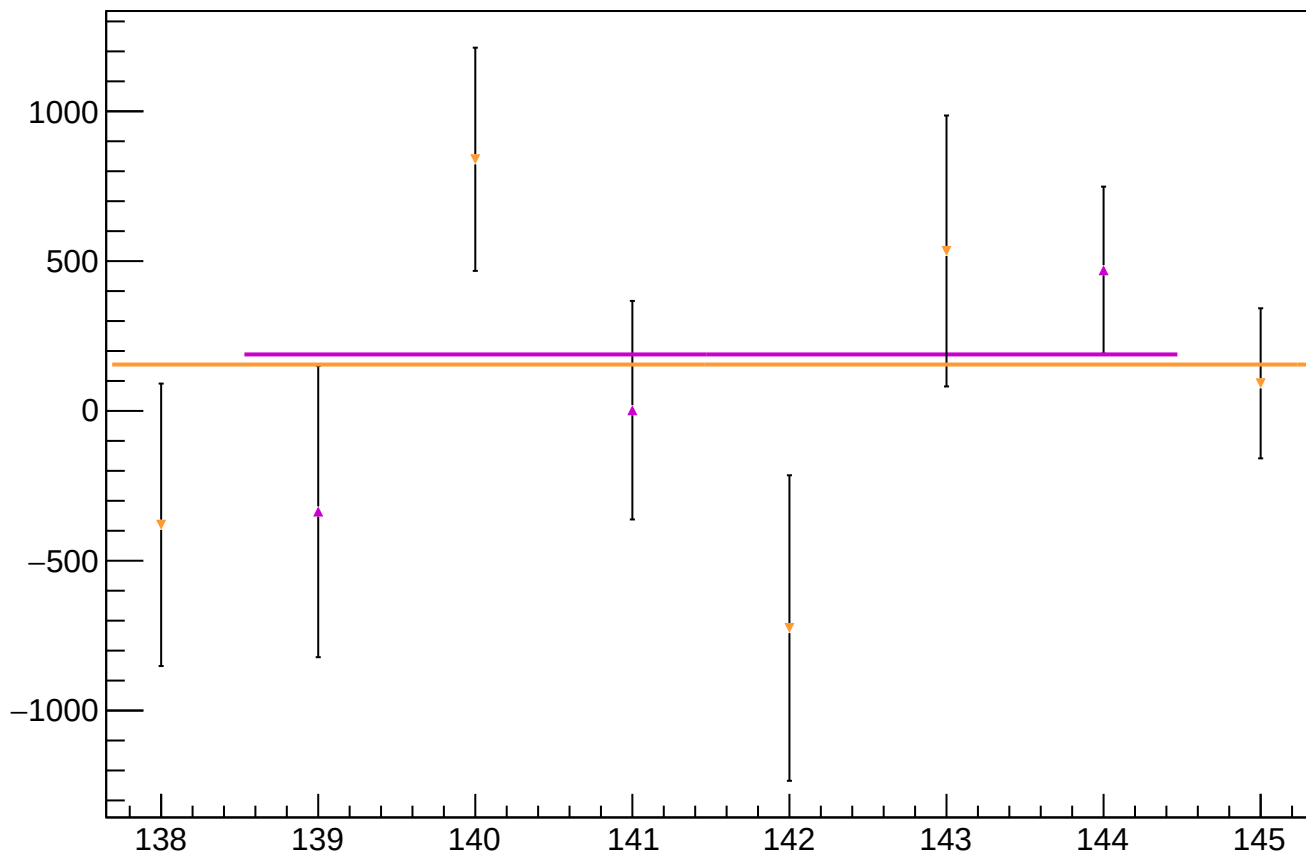
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 55.794+/-0.026 χ^2/NDF : 64301.7/2

Out: 49.449+/-0.019 χ^2/NDF : 82767.4/4

All: 51.733+/-0.015 χ^2/NDF : 186315.9/7

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: 154.840+/-165.776 χ^2/NDF : 8.4/4

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

Left In: 188.529+/-201.625 χ^2/NDF : 2.4/2

Left: 168.428+/-128.051 χ^2/NDF : 10.9/7

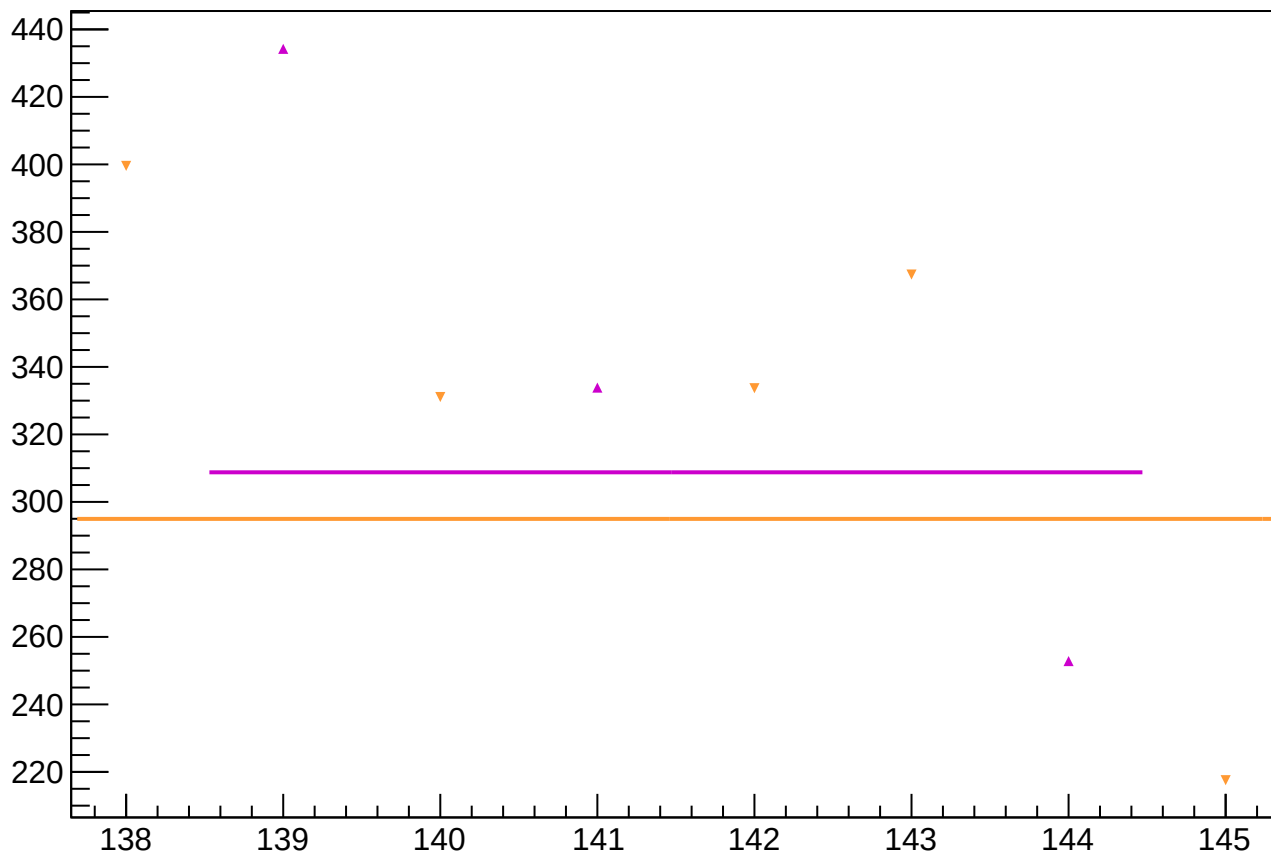
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 188.529+/-201.625 χ^2/NDF : 2.4/2

Out: 154.840+/-165.776 χ^2/NDF : 8.4/4

All: 168.428+/-128.051 χ^2/NDF : 10.9/7

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: 294.967+/-0.117 χ^2/NDF :371198.5/4

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

Left In: 308.770+/-0.143 χ^2/NDF :222939.8/2

Left: 300.534+/-0.091 χ^2/NDF : 599730.9/7

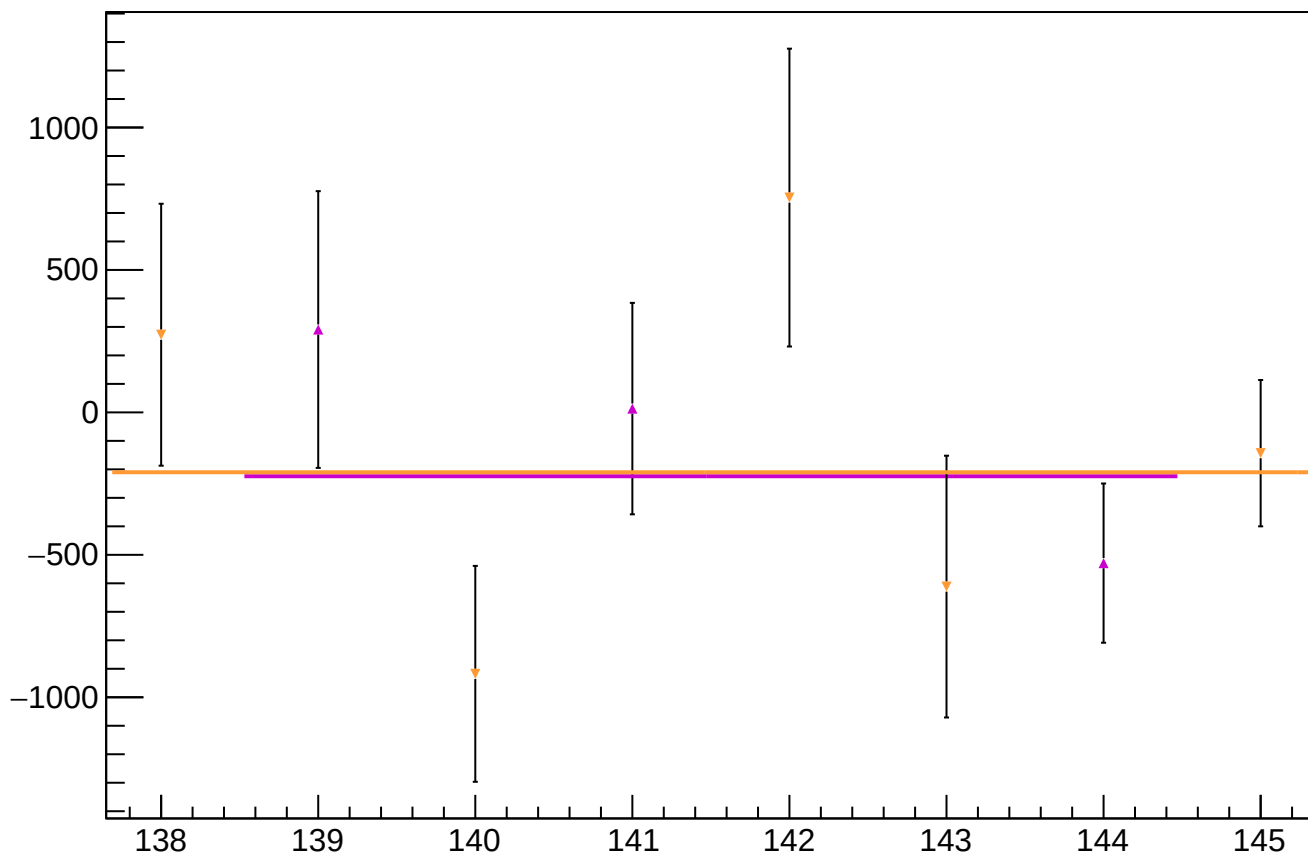
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 308.770+/-0.143 χ^2/NDF :222939.8/2

Out: 294.967+/-0.117 χ^2/NDF :371198.5/4

All: 300.534+/-0.091 χ^2/NDF : 599730.9/7

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -210.173+/-168.432 χ^2/NDF : 8.8/4

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

Left In: -224.120+/-202.830 χ^2/NDF : 2.7/2

Left: -215.865+/-129.579 χ^2/NDF : 11.6/7

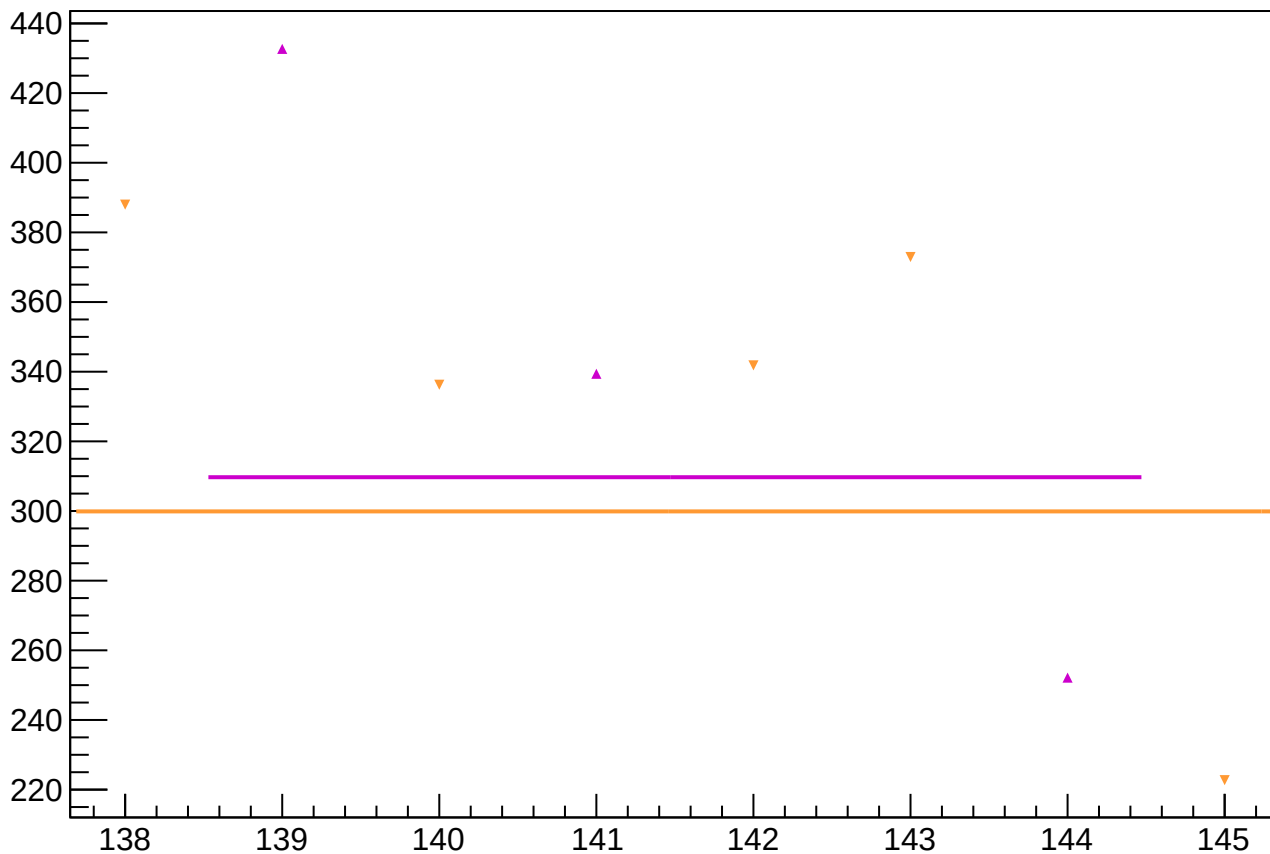
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -224.120+/-202.830 χ^2/NDF : 2.7/2

Out: -210.173+/-168.432 χ^2/NDF : 8.8/4

All: -215.865+/-129.579 χ^2/NDF : 11.6/7

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 299.888+/-0.119 χ^2/NDF : 335796.6/4

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

Left In: 309.705+/-0.143 χ^2/NDF : 225882.0/2

Left: 303.894+/-0.092 χ^2/NDF : 564451.8/7

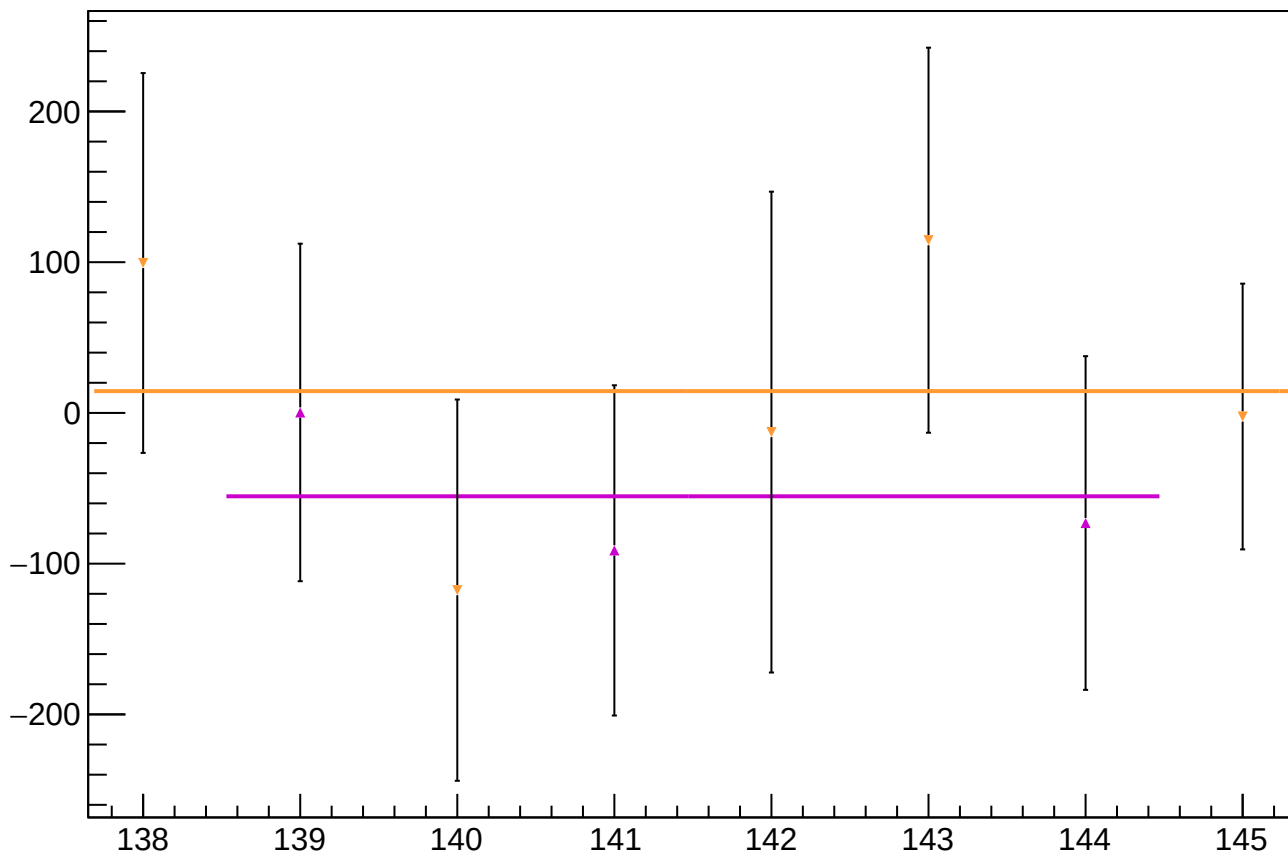
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 309.705+/-0.143 χ^2/NDF : 225882.0/2

Out: 299.888+/-0.119 χ^2/NDF : 335796.6/4

All: 303.894+/-0.092 χ^2/NDF : 564451.8/7

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: 14.468+/-53.090 χ^2/NDF : 2.2/4

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

Left In: -55.312+/-63.923 χ^2/NDF : 0.4/2

Left: -14.017+/-40.841 χ^2/NDF : 3.3/7

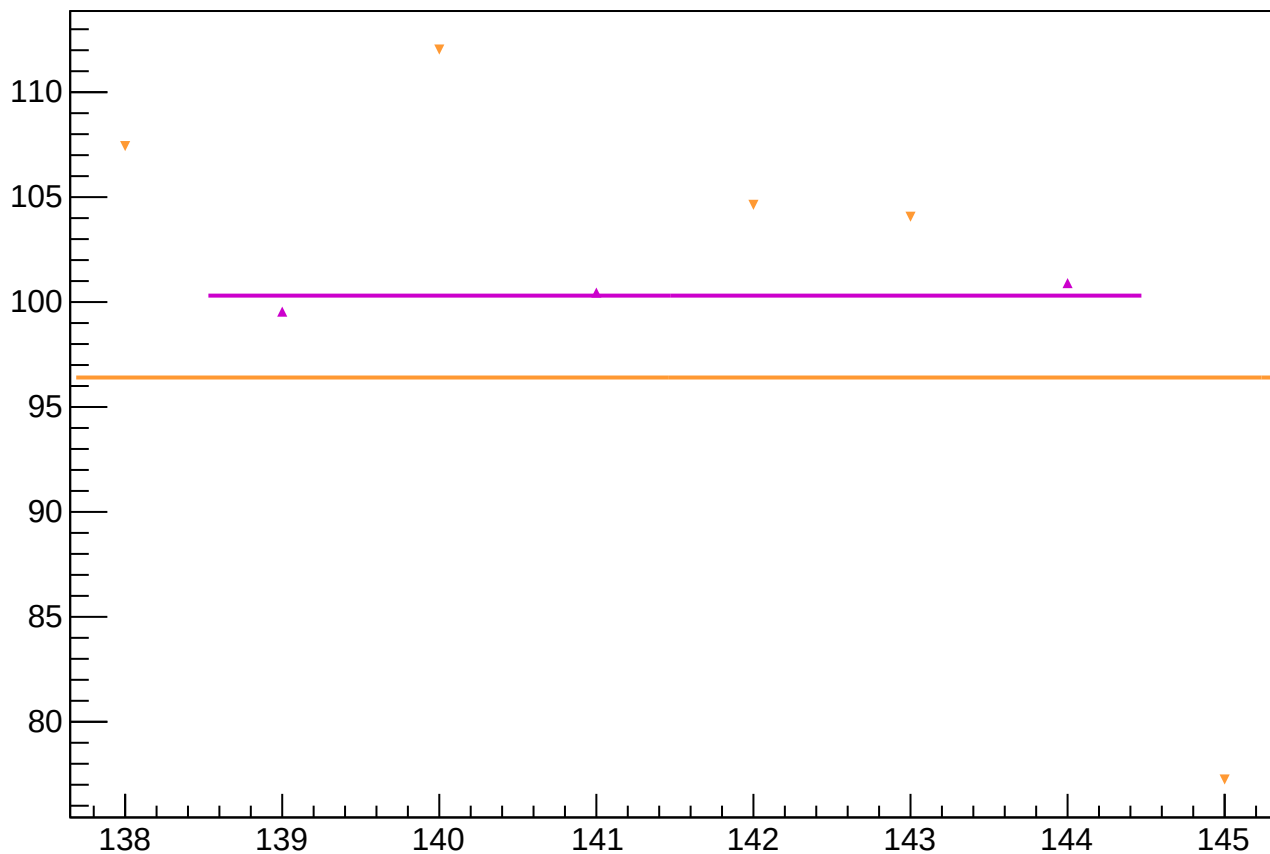
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.312+/-63.923 χ^2/NDF : 0.4/2

Out: 14.468+/-53.090 χ^2/NDF : 2.2/4

All: -14.017+/-40.841 χ^2/NDF : 3.3/7

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 96.405 $\pm$ 0.038 χ^2 /NDF:152792.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 100.307 $\pm$ 0.045 χ^2 /NDF:154.5/2

Left: 97.998 $\pm$ 0.029 χ^2 /NDF: 157356.9/7

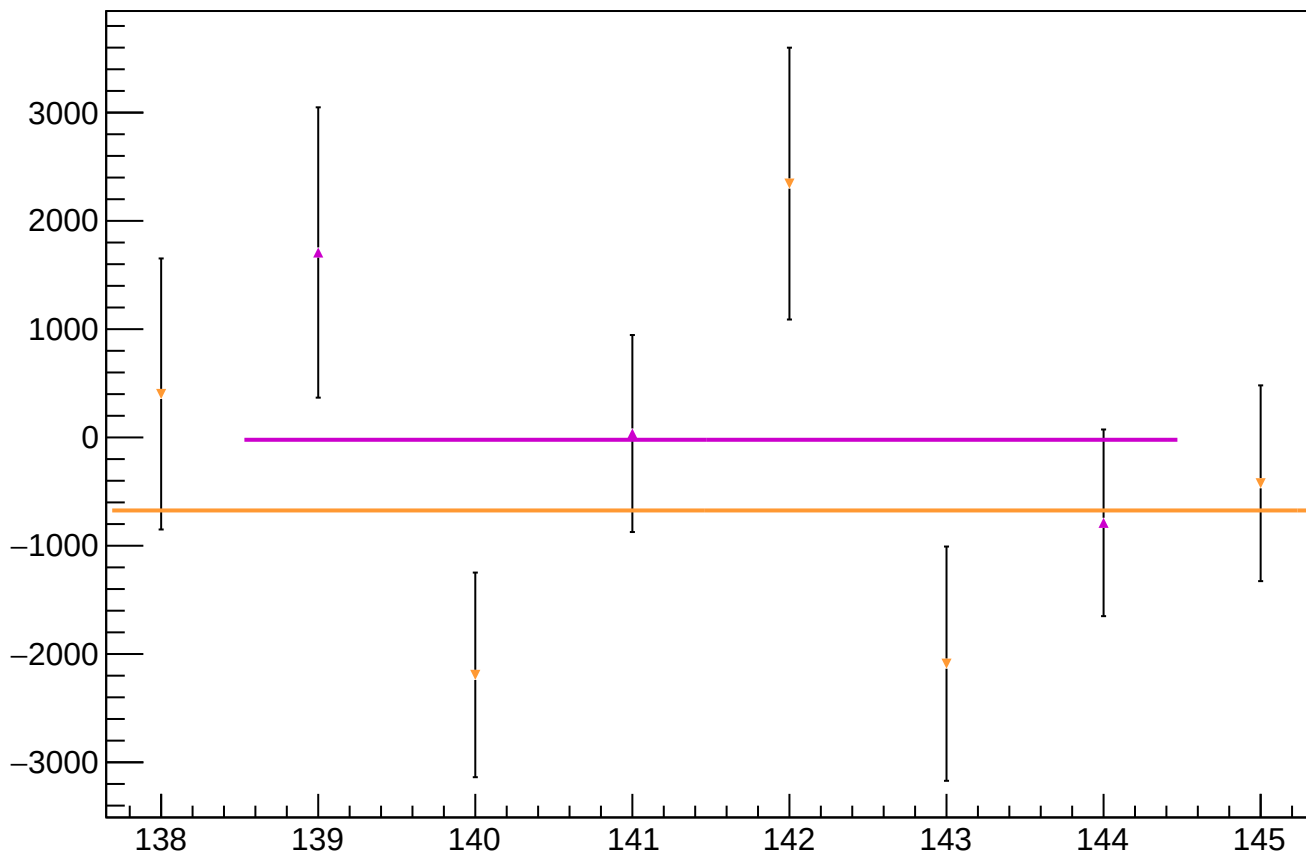
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 100.307 $\pm$ 0.045 χ^2 /NDF:154.5/2

Out: 96.405 $\pm$ 0.038 χ^2 /NDF:152792.1/4

All: 97.998 $\pm$ 0.029 χ^2 /NDF: 157356.9/7

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -674.299 $\pm$ 472.882 χ^2 /NDF:10.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -21.607 $\pm$ 566.960 χ^2 /NDF:2.5/2

Left: -406.525 $\pm$ 363.147 χ^2 /NDF: 14.1/7

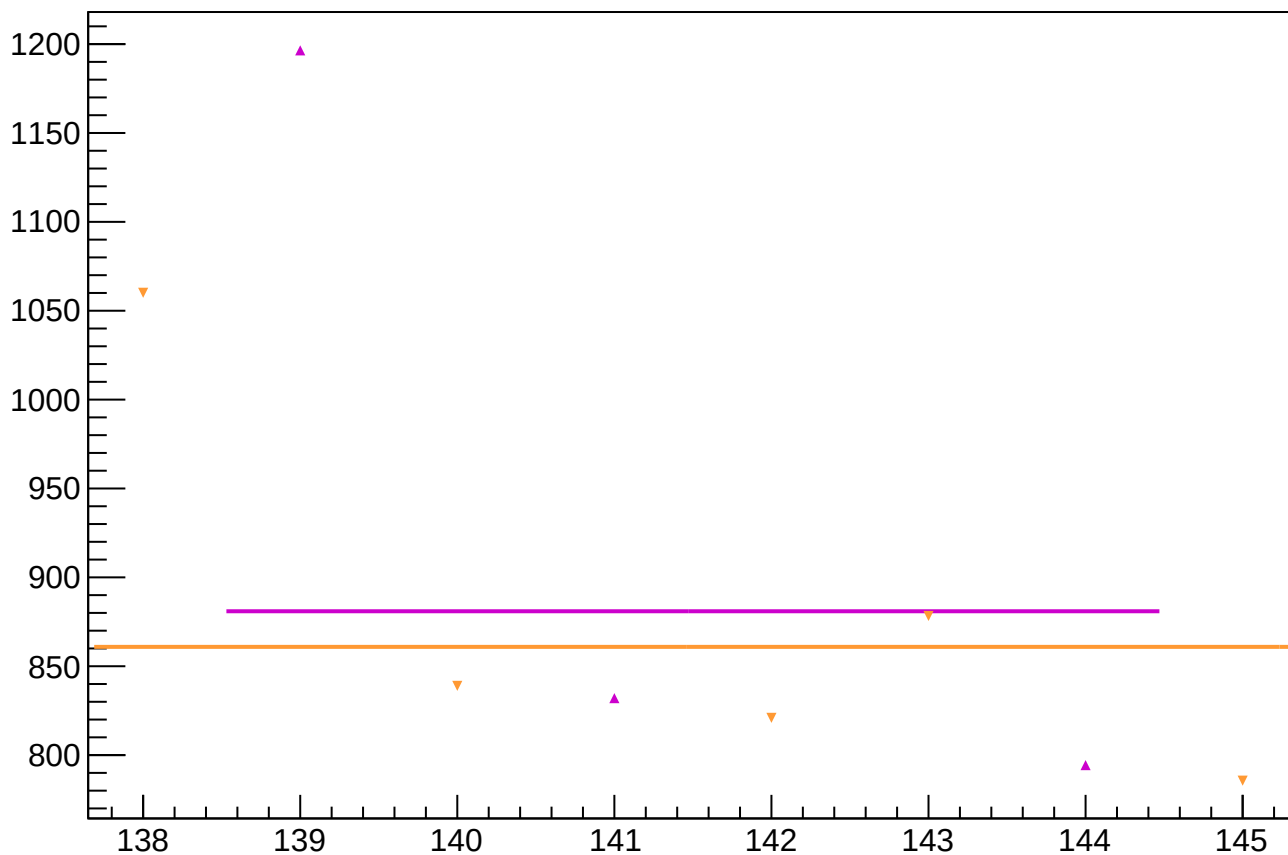
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -21.607 $\pm$ 566.960 χ^2 /NDF:2.5/2

Out: -674.299 $\pm$ 472.882 χ^2 /NDF:10.9/4

All: -406.525 $\pm$ 363.147 χ^2 /NDF: 14.1/7

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: 860.896+/-0.334 χ^2/NDF :68163.6/4

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

Left In: 880.929+/-0.401 χ^2/NDF :136761.4/2

Left: 869.115+/-0.257 χ^2/NDF : 206397.6/7

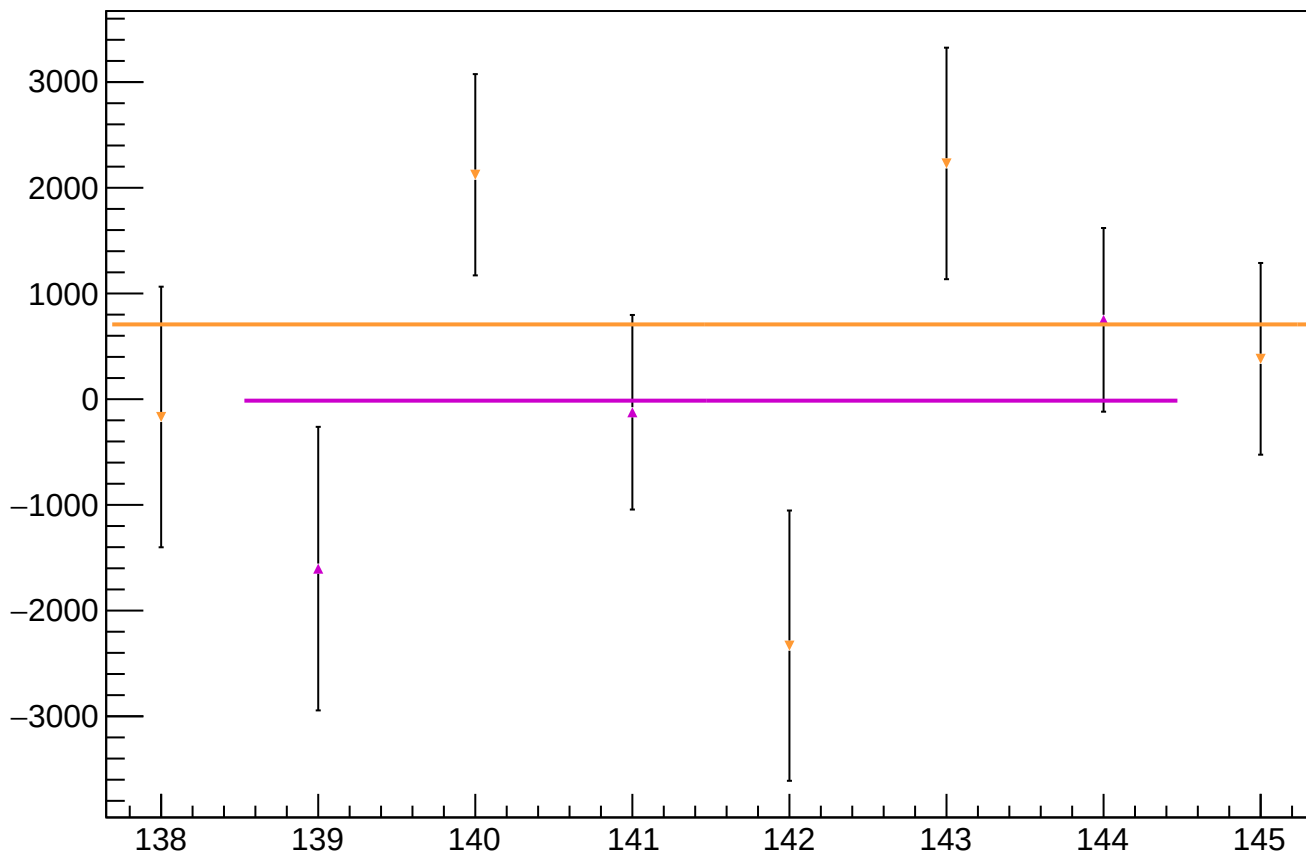
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 880.929+/-0.401 χ^2/NDF :136761.4/2

Out: 860.896+/-0.334 χ^2/NDF :68163.6/4

All: 869.115+/-0.257 χ^2/NDF : 206397.6/7

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 707.445+/-475.512 χ^2/NDF :10.4/4

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

Left In: -13.947+/-571.594 χ^2/NDF :2.2/2

Left: 412.390+/-365.555 χ^2/NDF : 13.6/7

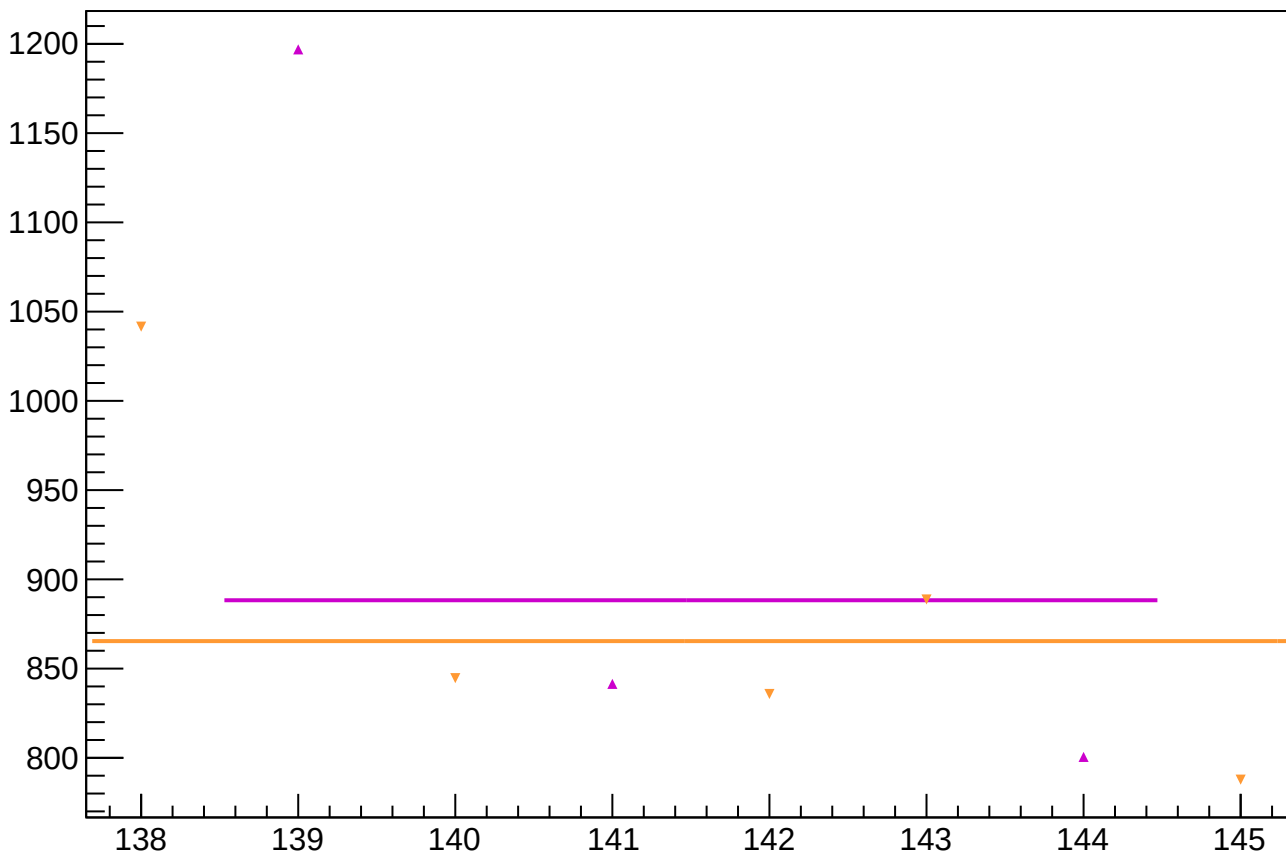
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.947+/-571.594 χ^2/NDF :2.2/2

Out: 707.445+/-475.512 χ^2/NDF :10.4/4

All: 412.390+/-365.555 χ^2/NDF : 13.6/7

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 865.402+/-0.336 χ^2/NDF :58435.3/4

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

Left In: 888.290+/-0.404 χ^2/NDF :131475.4/2

Left: 874.764+/-0.258 χ^2/NDF : 191805.8/7

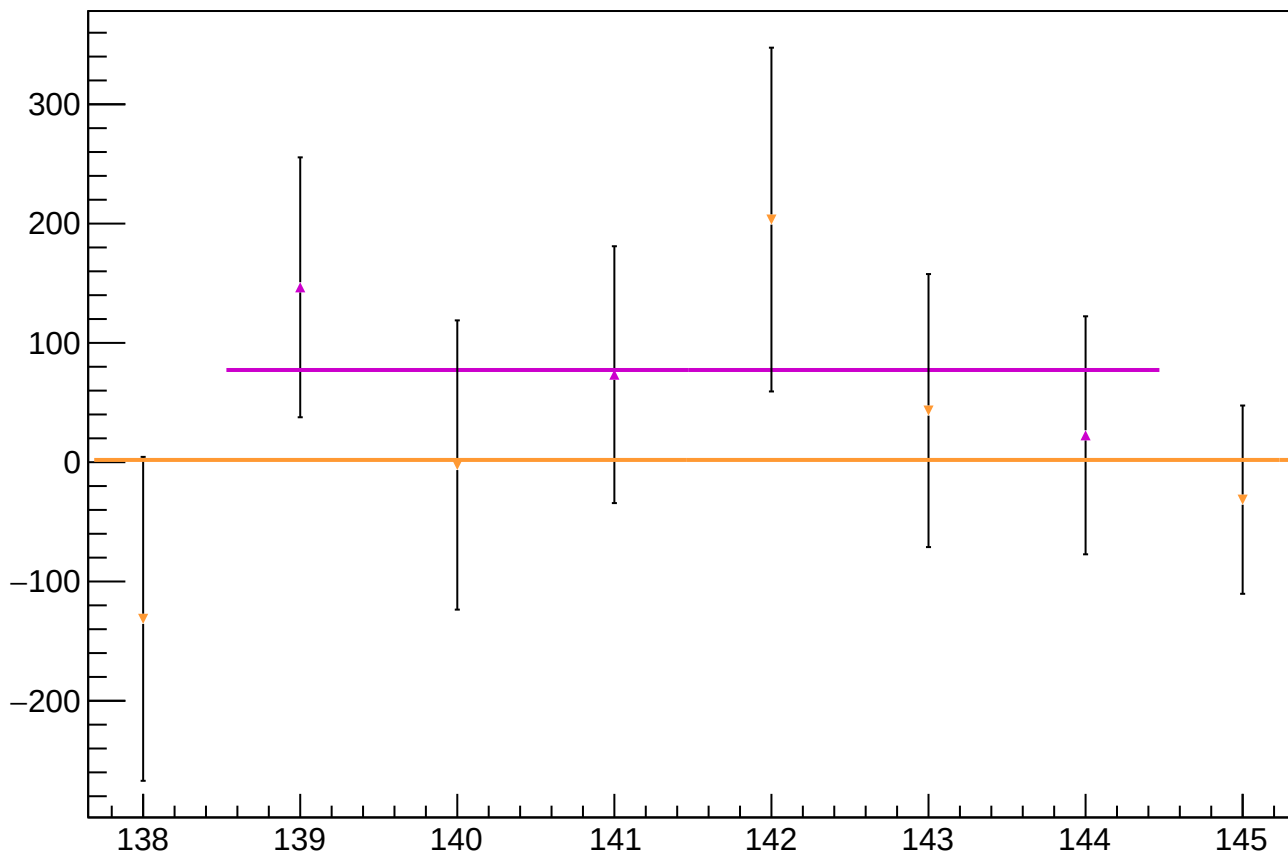
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 888.290+/-0.404 χ^2/NDF :131475.4/2

Out: 865.402+/-0.336 χ^2/NDF :58435.3/4

All: 874.764+/-0.258 χ^2/NDF : 191805.8/7

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: 1.895 $\pm$ 49.542 χ^2 /NDF:3.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 77.294 $\pm$ 60.741 χ^2 /NDF:0.7/2

Left: 32.016 $\pm$ 38.392 χ^2 /NDF: 4.9/7

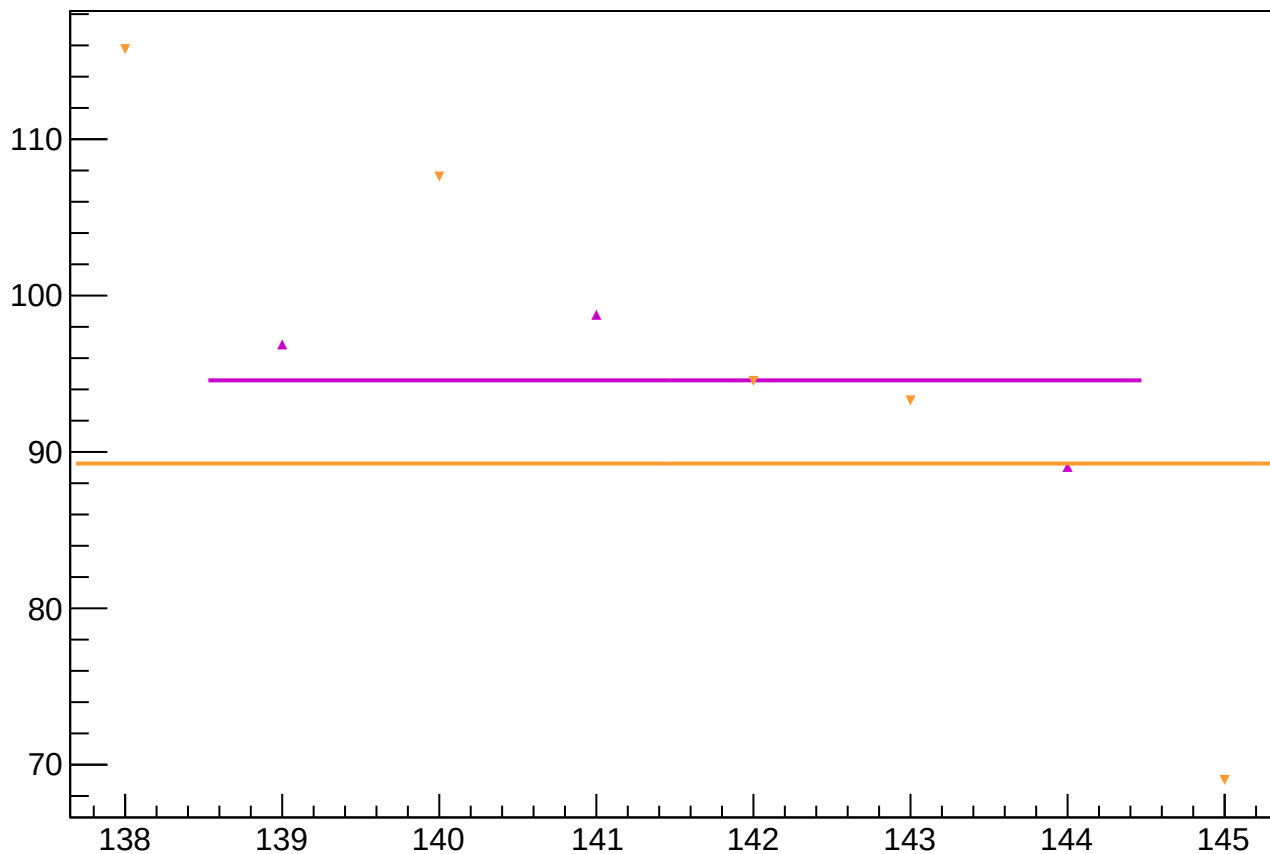
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 77.294 $\pm$ 60.741 χ^2 /NDF:0.7/2

Out: 1.895 $\pm$ 49.542 χ^2 /NDF:3.2/4

All: 32.016 $\pm$ 38.392 χ^2 /NDF: 4.9/7

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 89.260+/-0.035 χ^2/NDF :258704.0/4

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

Left In: 94.579+/-0.043 χ^2/NDF :10084.2/2

Left: 91.385+/-0.027 χ^2/NDF : 277998.9/7

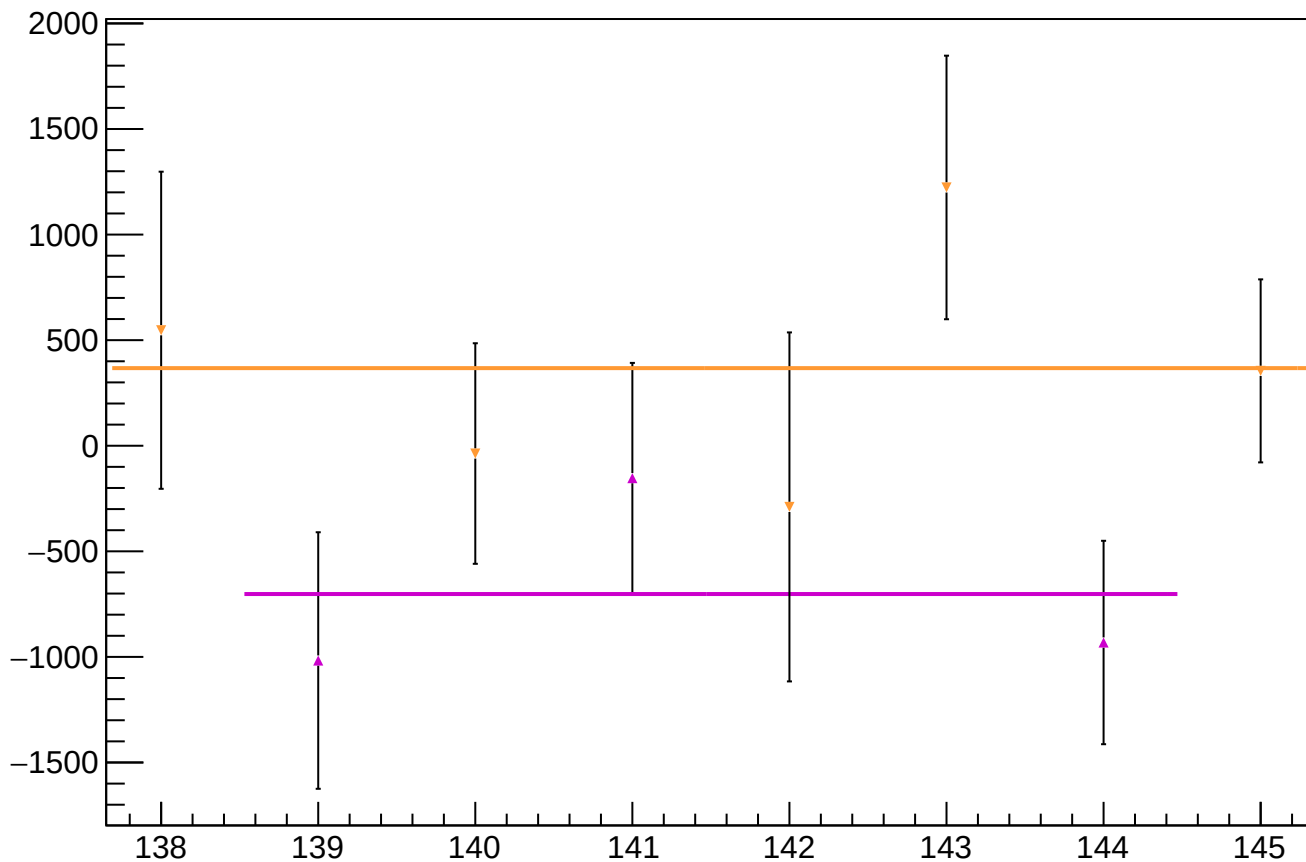
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 94.579+/-0.043 χ^2/NDF :10084.2/2

Out: 89.260+/-0.035 χ^2/NDF :258704.0/4

All: 91.385+/-0.027 χ^2/NDF : 277998.9/7

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: 367.559+/-259.978 χ^2/NDF : 3.2/4

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

Left In: -702.257+/-310.414 χ^2/NDF : 1.5/2

Left: -73.486+/-199.310 χ^2/NDF : 11.7/7

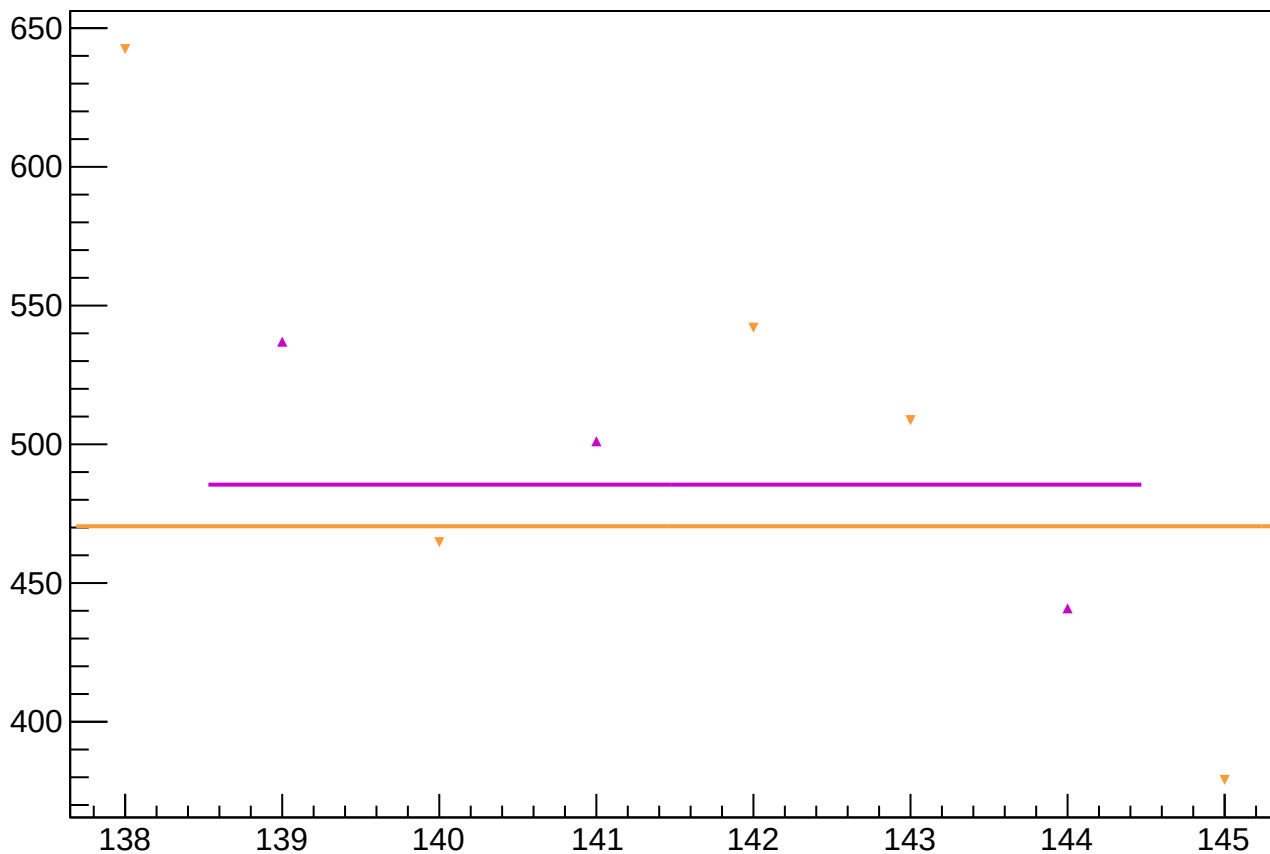
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -702.257+/-310.414 χ^2/NDF : 1.5/2

Out: 367.559+/-259.978 χ^2/NDF : 3.2/4

All: -73.486+/-199.310 χ^2/NDF : 11.7/7

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: 470.463+/-0.184 χ^2/NDF :216633.7/4

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

Left In: 485.466+/-0.219 χ^2/NDF :33168.8/2

Left: 476.648+/-0.141 χ^2/NDF : 252548.1/7

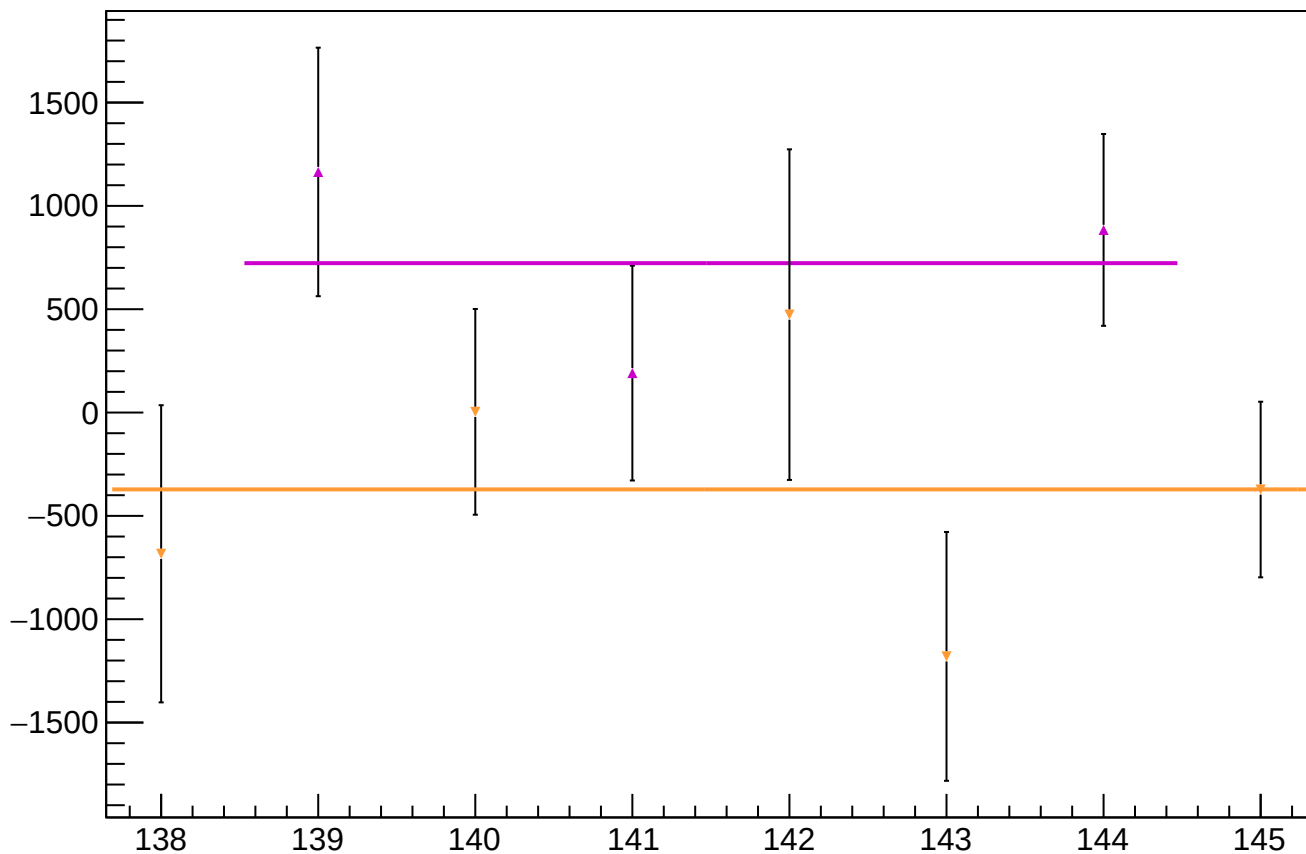
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 485.466+/-0.219 χ^2/NDF :33168.8/2

Out: 470.463+/-0.184 χ^2/NDF :216633.7/4

All: 476.648+/-0.141 χ^2/NDF : 252548.1/7

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -371.820+/-251.325 χ^2/NDF : 3.7/4

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

Left In: 722.828+/-300.054 χ^2/NDF : 1.7/2

Left: 79.514+/-192.669 χ^2/NDF : 13.2/7

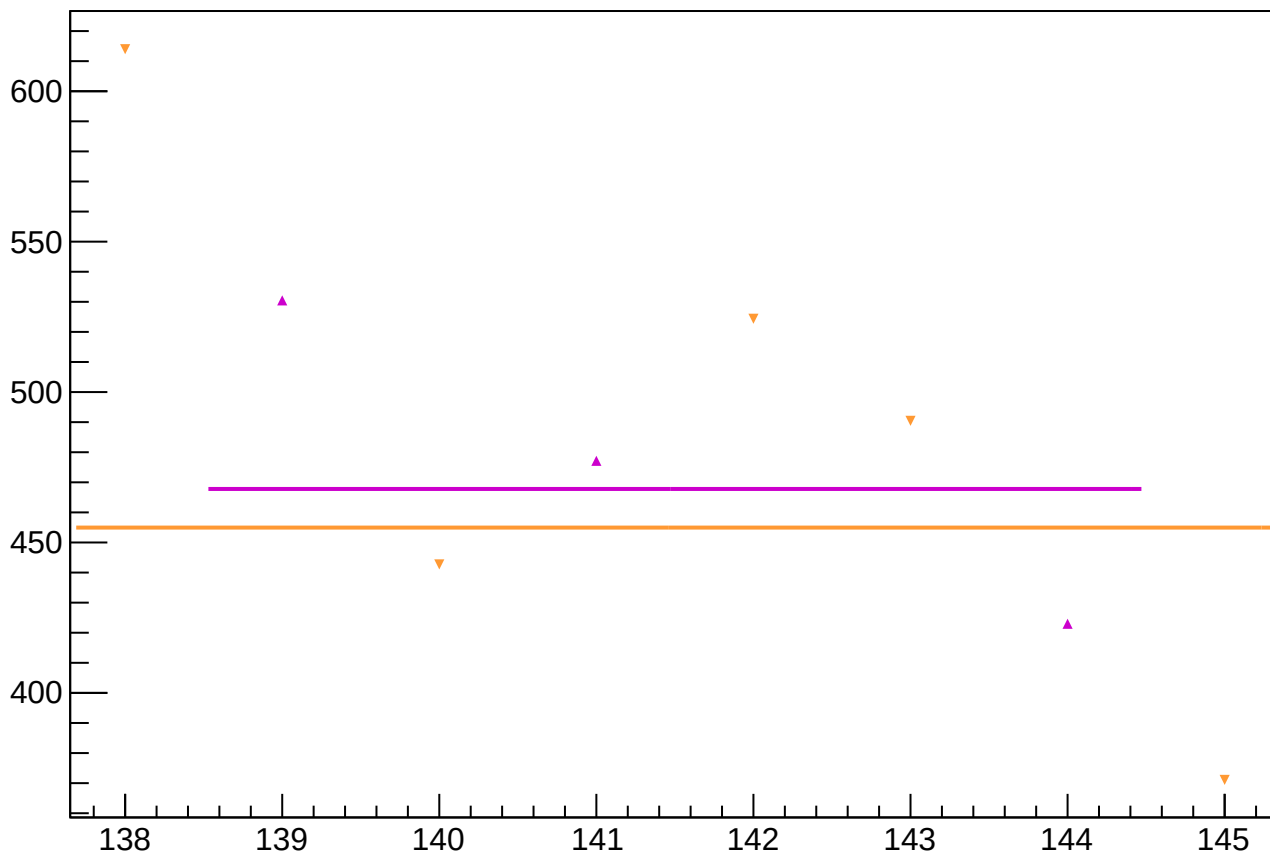
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 722.828+/-300.054 χ^2/NDF : 1.7/2

Out: -371.820+/-251.325 χ^2/NDF : 3.7/4

All: 79.514+/-192.669 χ^2/NDF : 13.2/7

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 454.954+/-0.178 χ^2/NDF :198985.4/4

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

Left In: 467.793+/-0.212 χ^2/NDF :41021.8/2

Left: 460.247+/-0.136 χ^2/NDF : 242159.3/7

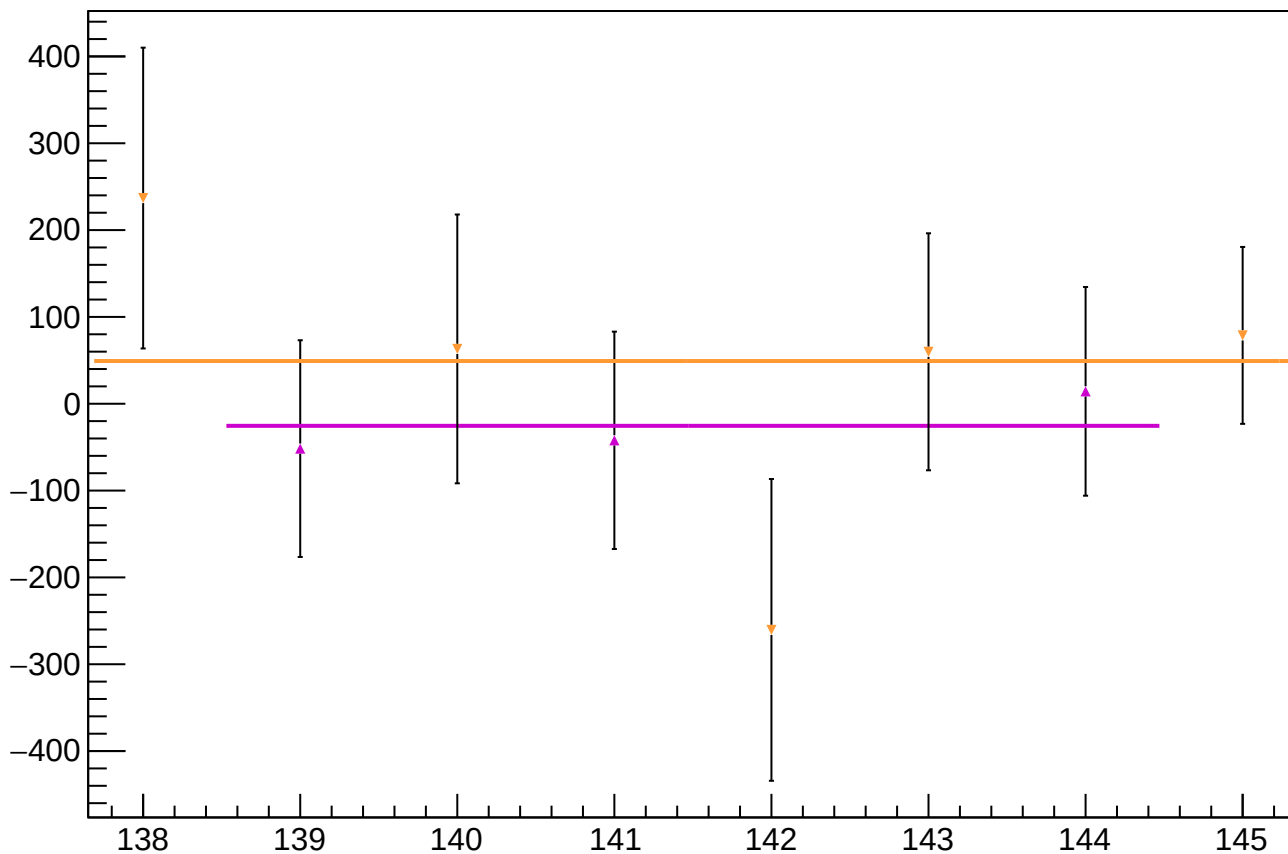
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 467.793+/-0.212 χ^2/NDF :41021.8/2

Out: 454.954+/-0.178 χ^2/NDF :198985.4/4

All: 460.247+/-0.136 χ^2/NDF : 242159.3/7

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 49.207 $\pm$ 62.227 χ^2 /NDF:4.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -25.432 $\pm$ 71.199 χ^2 /NDF:0.2/2

Left: 16.884 $\pm$ 46.854 χ^2 /NDF: 5.2/7

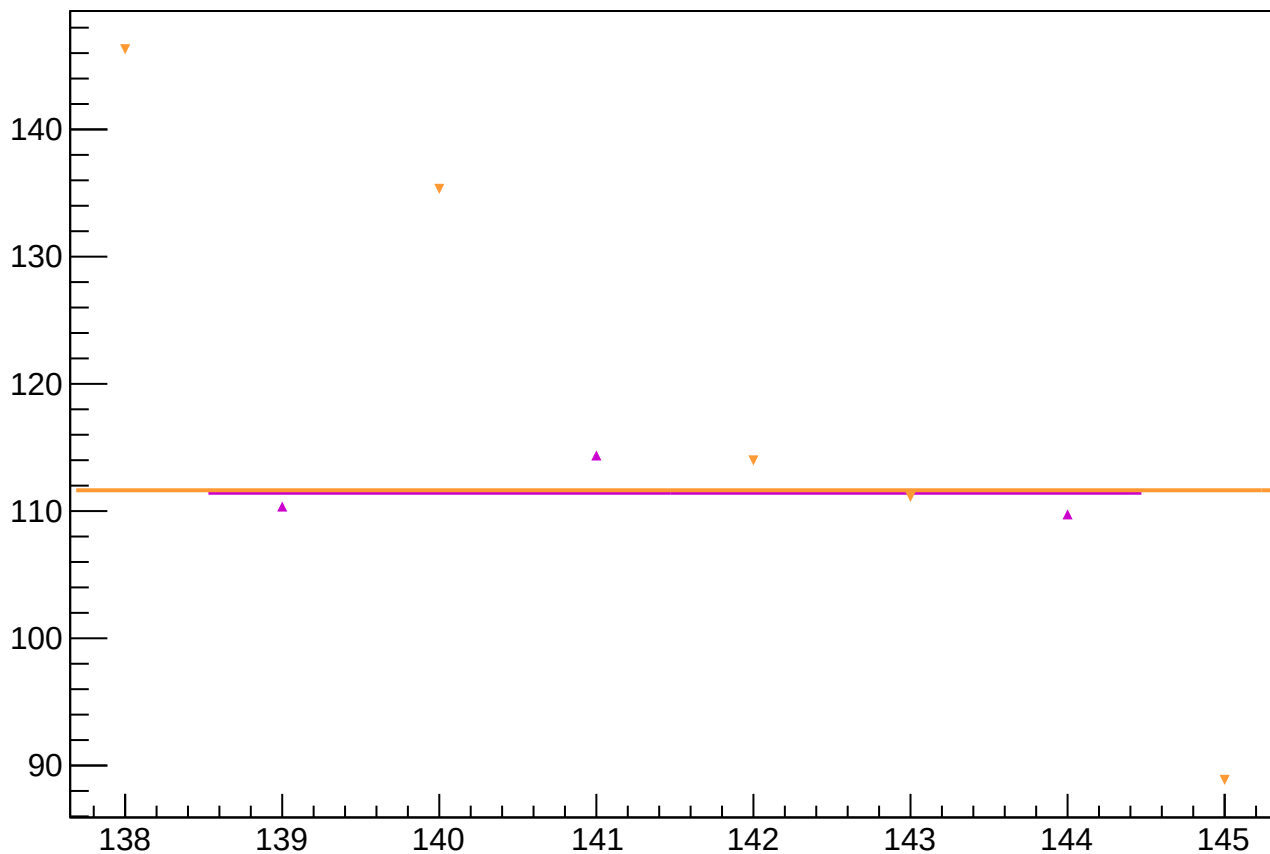
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -25.432 $\pm$ 71.199 χ^2 /NDF:0.2/2

Out: 49.207 $\pm$ 62.227 χ^2 /NDF:4.4/4

All: 16.884 $\pm$ 46.854 χ^2 /NDF: 5.2/7

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 111.636+/-0.044 χ^2/NDF :227278.1/4

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

Left In: 111.442+/-0.050 χ^2/NDF :1647.5/2

Left: 111.552+/-0.033 χ^2/NDF : 228934.0/7

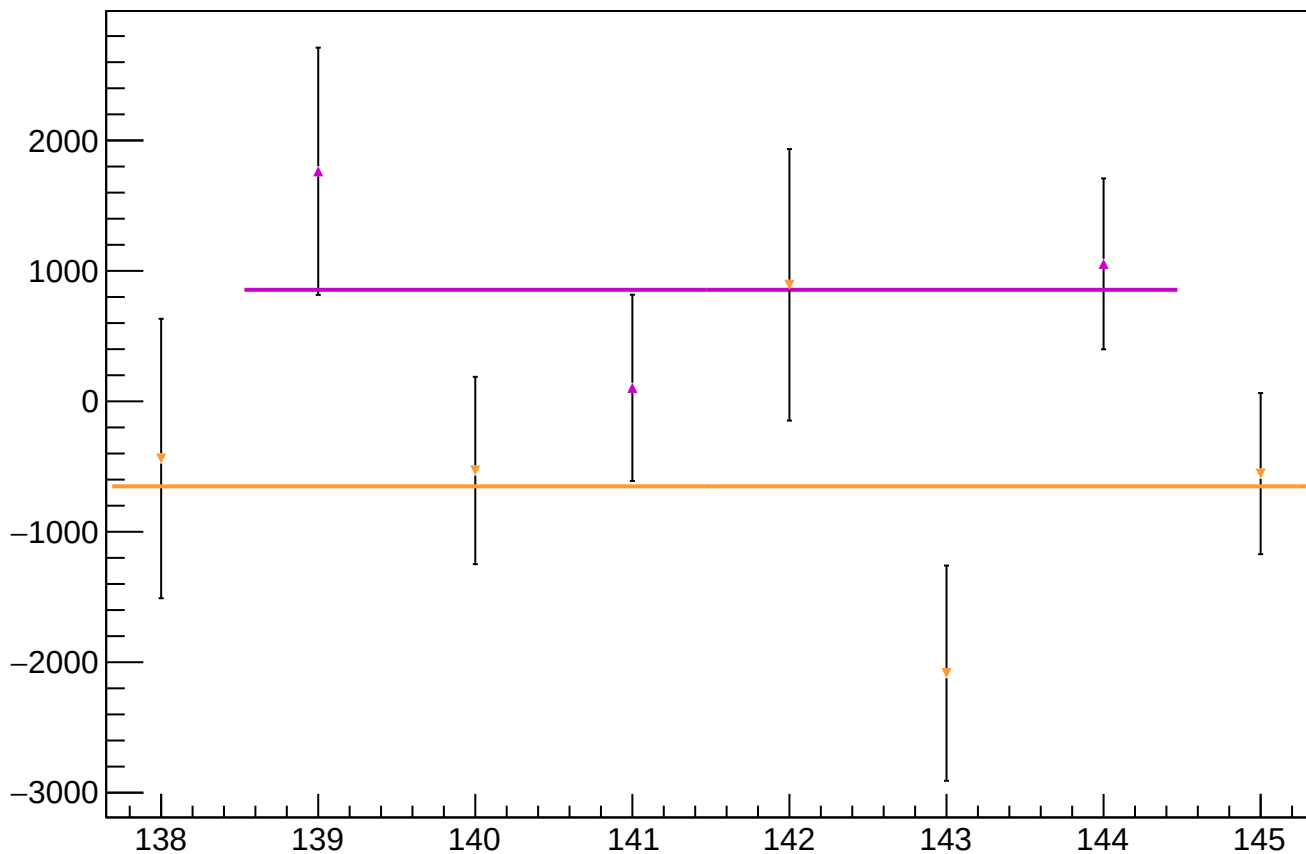
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 111.442+/-0.050 χ^2/NDF :1647.5/2

Out: 111.636+/-0.044 χ^2/NDF :227278.1/4

All: 111.552+/-0.033 χ^2/NDF : 228934.0/7

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -651.613+/-357.440 χ^2/NDF :5.3/4

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

Left In: 855.023+/-430.015 χ^2/NDF :2.1/2

Left: -35.982+/-274.878 χ^2/NDF : 14.7/7

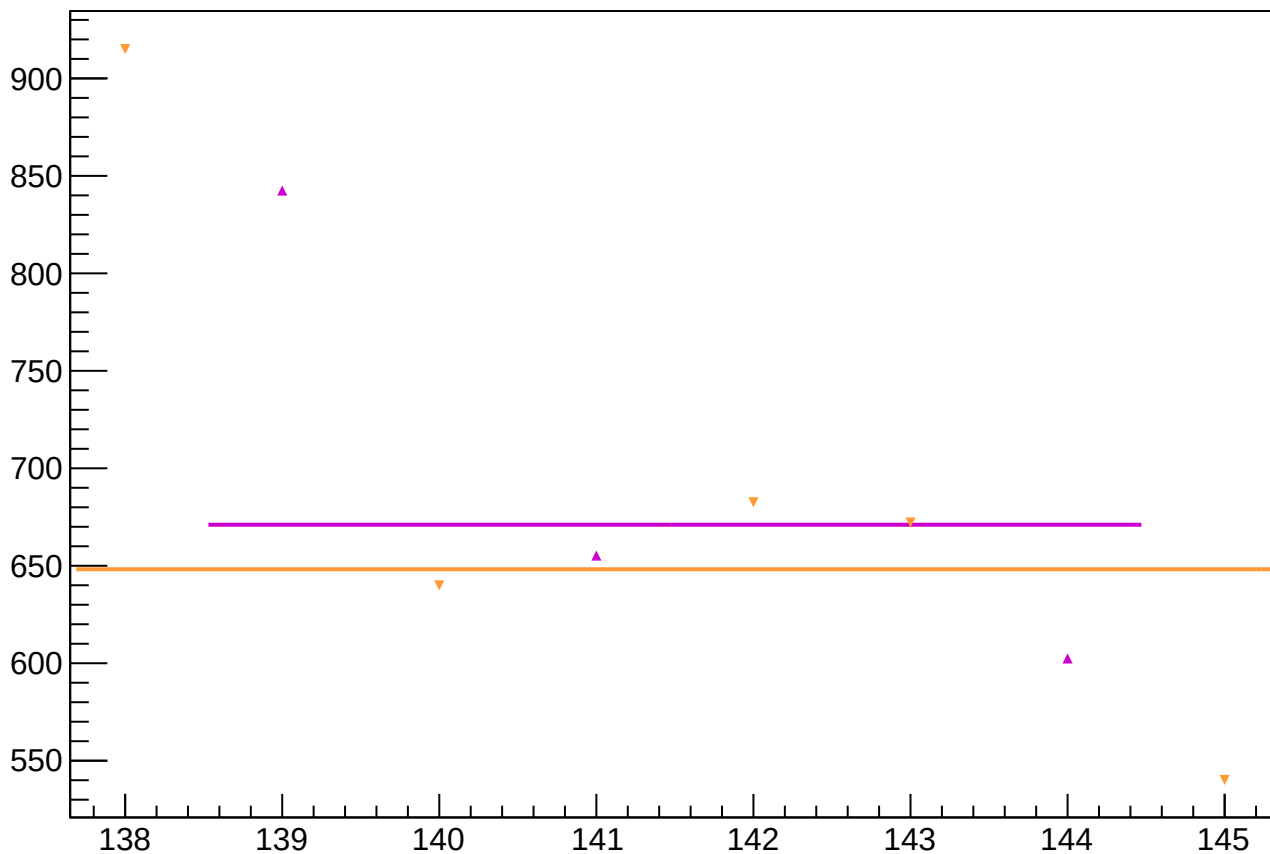
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 855.023+/-430.015 χ^2/NDF :2.1/2

Out: -651.613+/-357.440 χ^2/NDF :5.3/4

All: -35.982+/-274.878 χ^2/NDF : 14.7/7

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 648.210+/-0.253 χ^2/NDF : 189521.1/4

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

Left In: 671.043+/-0.304 χ^2/NDF : 88377.3/2

Left: 657.540+/-0.194 χ^2/NDF : 281233.0/7

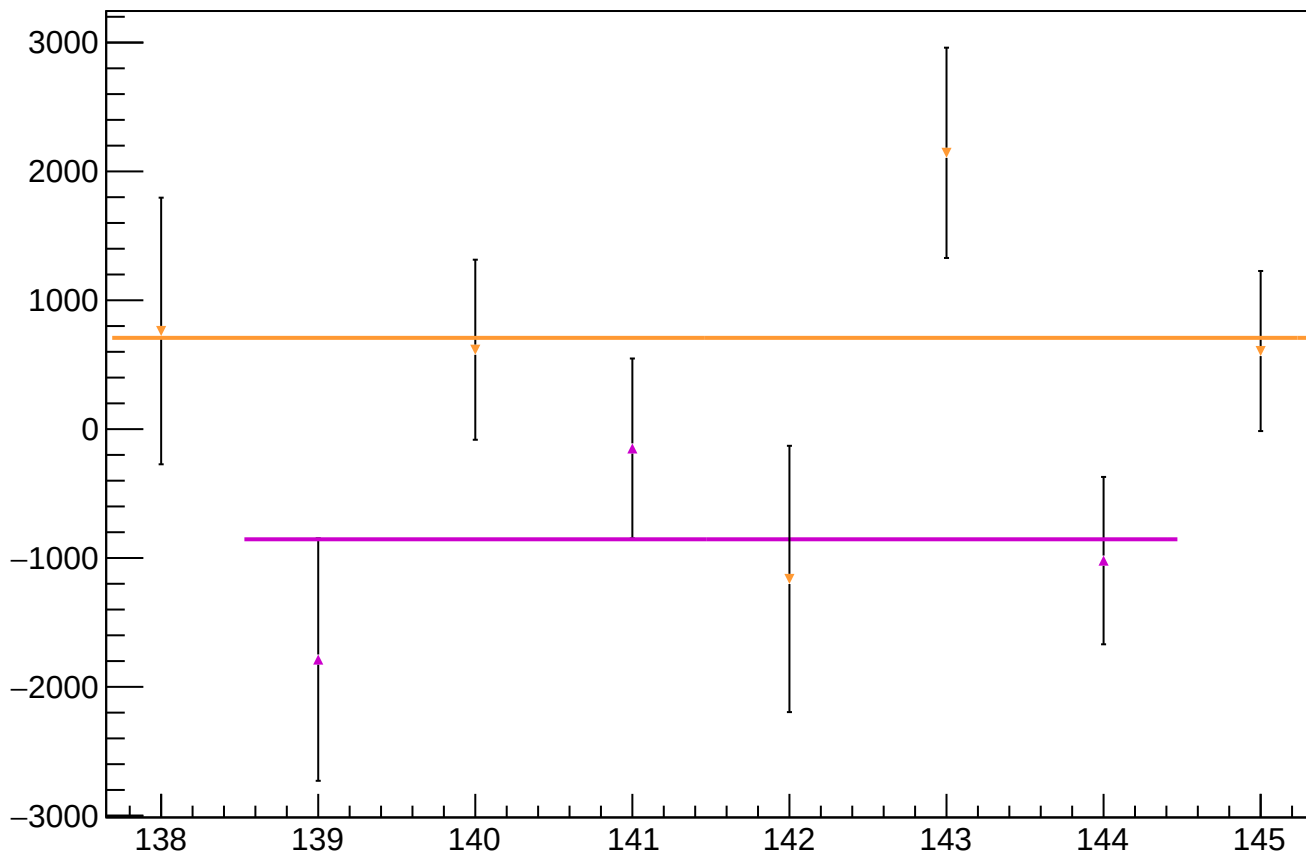
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 671.043+/-0.304 χ^2/NDF : 88377.3/2

Out: 648.210+/-0.253 χ^2/NDF : 189521.1/4

All: 657.540+/-0.194 χ^2/NDF : 281233.0/7

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 708.373 $\pm$ 353.263 χ^2 /NDF:6.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -854.828 $\pm$ 424.369 χ^2 /NDF:2.1/2

Left: 68.524 $\pm$ 271.503 χ^2 /NDF: 16.5/7

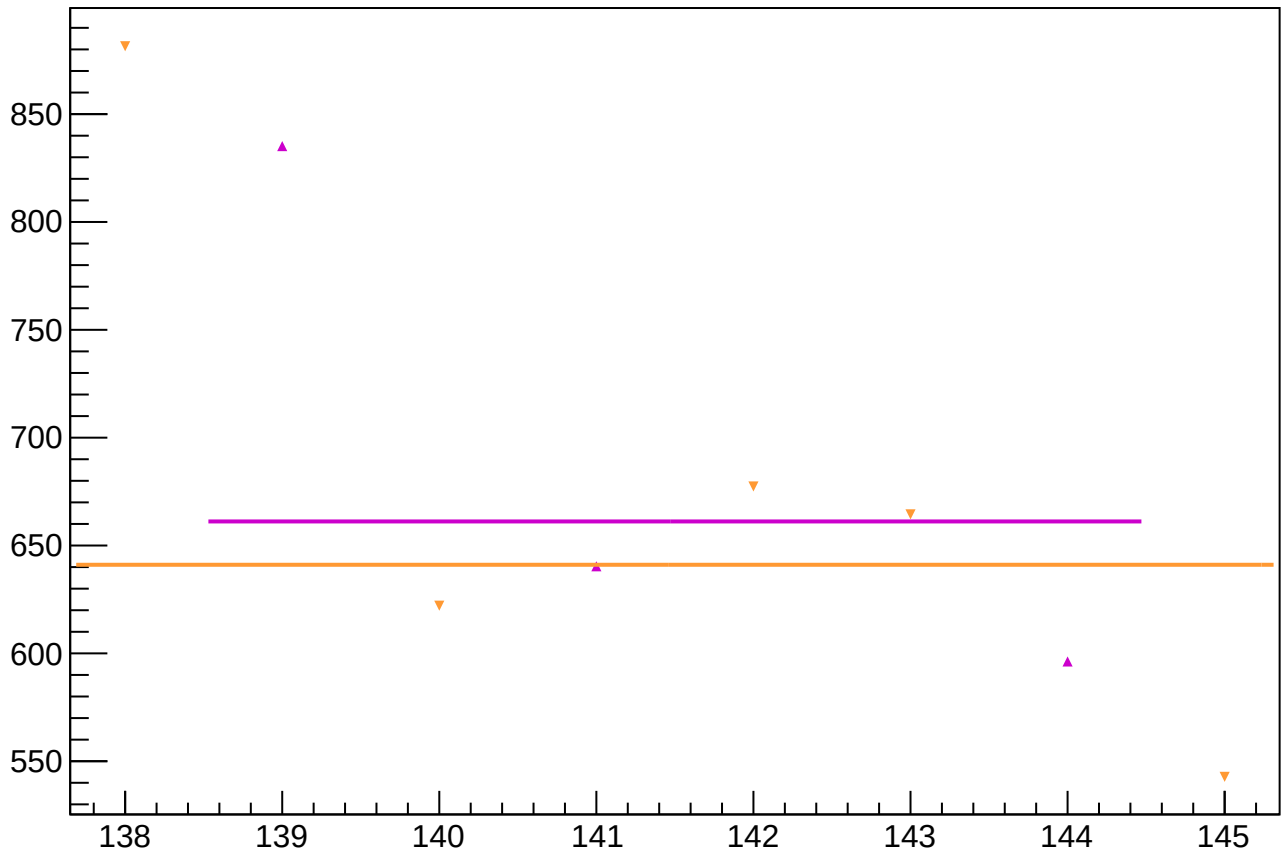
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -854.828 $\pm$ 424.369 χ^2 /NDF:2.1/2

Out: 708.373 $\pm$ 353.263 χ^2 /NDF:6.4/4

All: 68.524 $\pm$ 271.503 χ^2 /NDF: 16.5/7

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 641.075+/-0.250 χ^2/NDF :163686.0/4

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

Left In: 661.162+/-0.300 χ^2/NDF :90166.5/2

Left: 649.297+/-0.192 χ^2/NDF : 256499.4/7

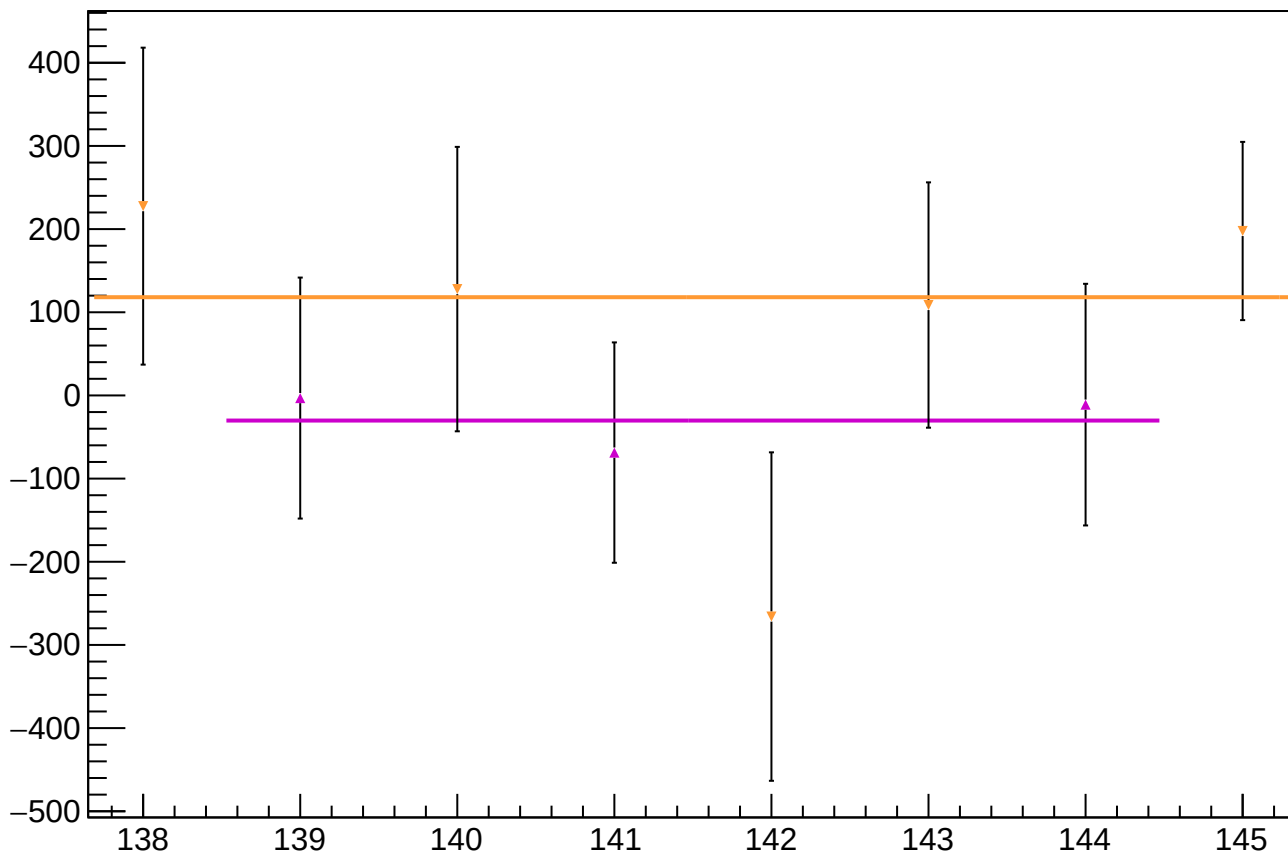
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 661.162+/-0.300 χ^2/NDF :90166.5/2

Out: 641.075+/-0.250 χ^2/NDF :163686.0/4

All: 649.297+/-0.192 χ^2/NDF : 256499.4/7

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 118.112 $\pm$ 67.354 χ^2 /NDF:4.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -30.205 $\pm$ 81.112 χ^2 /NDF:0.1/2

Left: 57.580 $\pm$ 51.818 χ^2 /NDF: 6.8/7

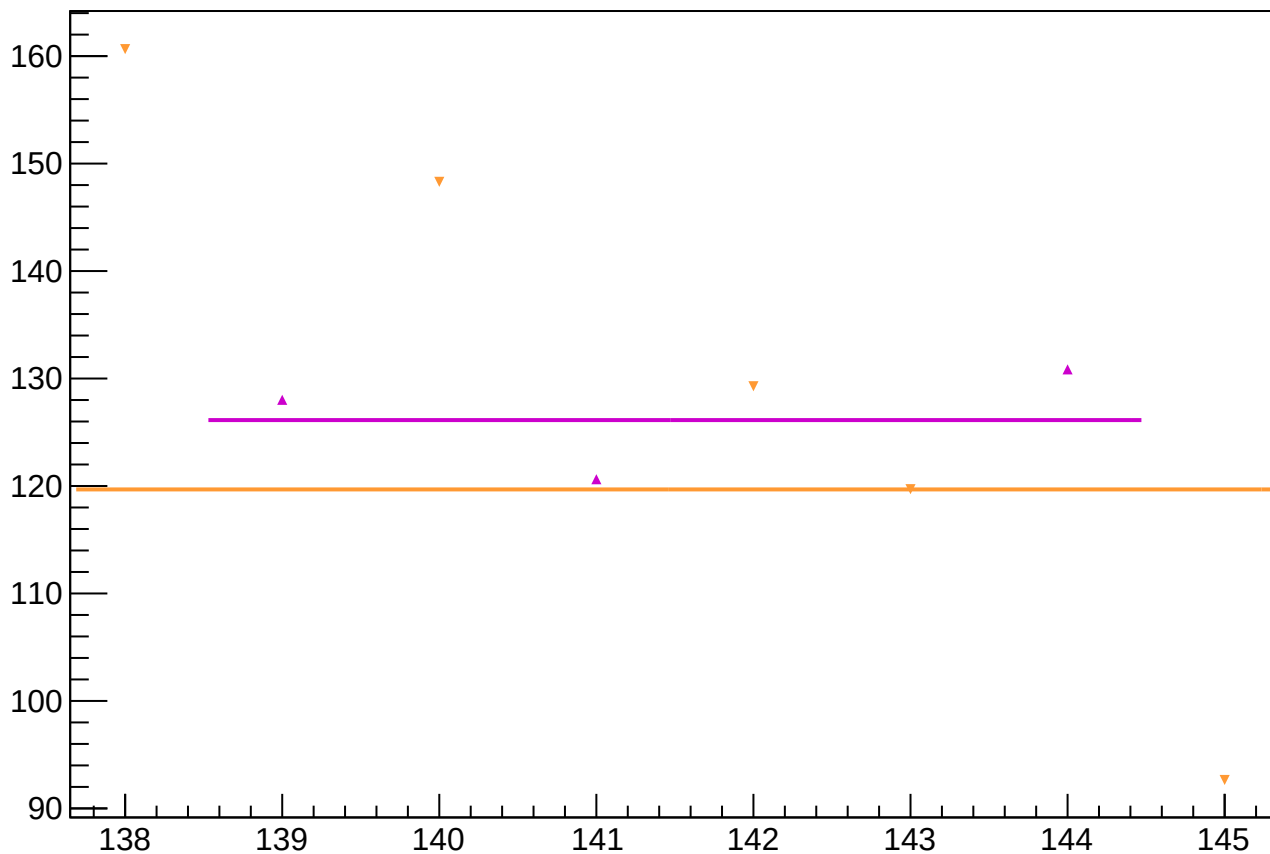
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -30.205 $\pm$ 81.112 χ^2 /NDF:0.1/2

Out: 118.112 $\pm$ 67.354 χ^2 /NDF:4.7/4

All: 57.580 $\pm$ 51.818 χ^2 /NDF: 6.8/7

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 119.681+/-0.048 χ^2/NDF :280503.6/4

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

Left In: 126.133+/-0.057 χ^2/NDF :5899.5/2

Left: 122.314+/-0.037 χ^2/NDF : 293893.7/7

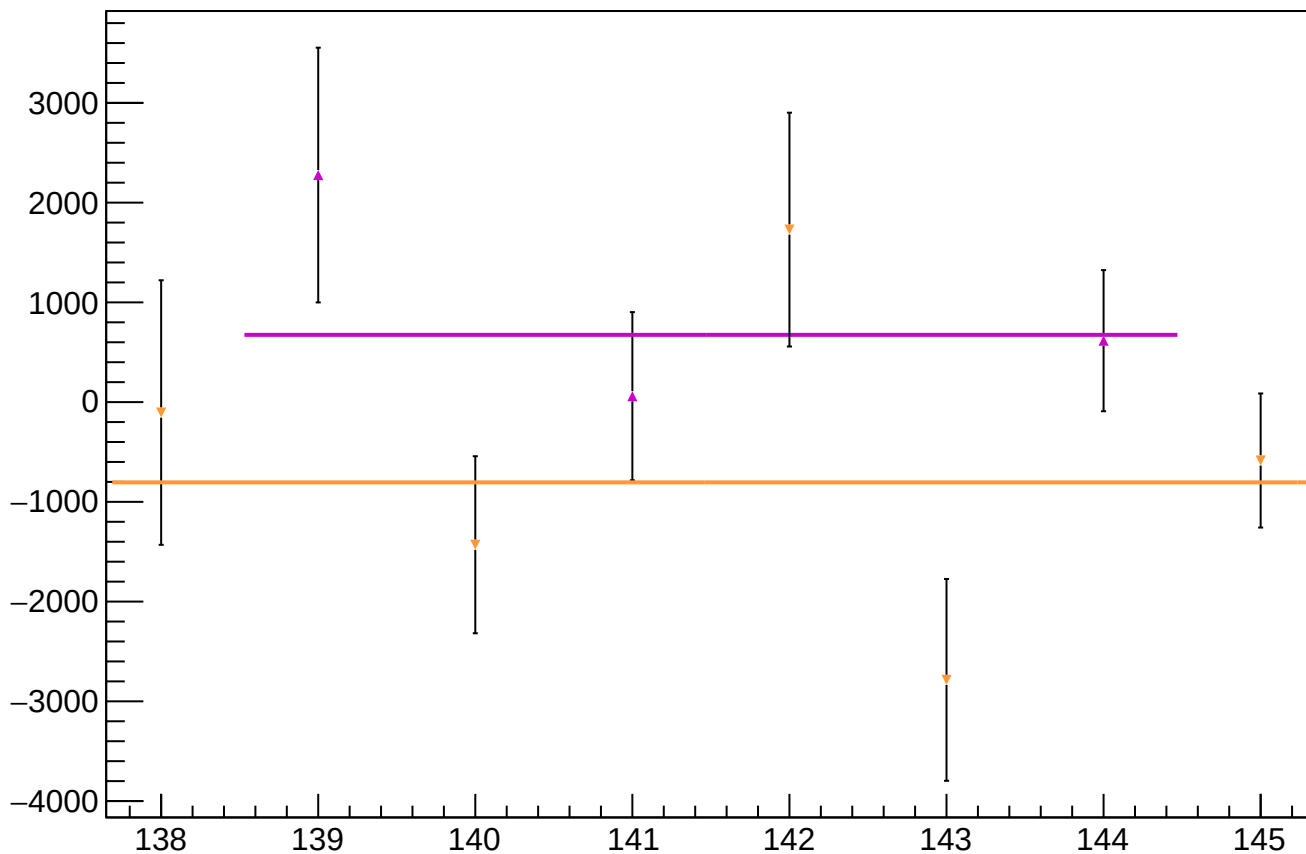
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 126.133+/-0.057 χ^2/NDF :5899.5/2

Out: 119.681+/-0.048 χ^2/NDF :280503.6/4

All: 122.314+/-0.037 χ^2/NDF : 293893.7/7

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -804.742 $\pm$ 416.798 χ^2 /NDF:9.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 674.392 $\pm$ 498.921 χ^2 /NDF:2.1/2

Left: -196.768 $\pm$ 319.868 χ^2 /NDF: 16.7/7

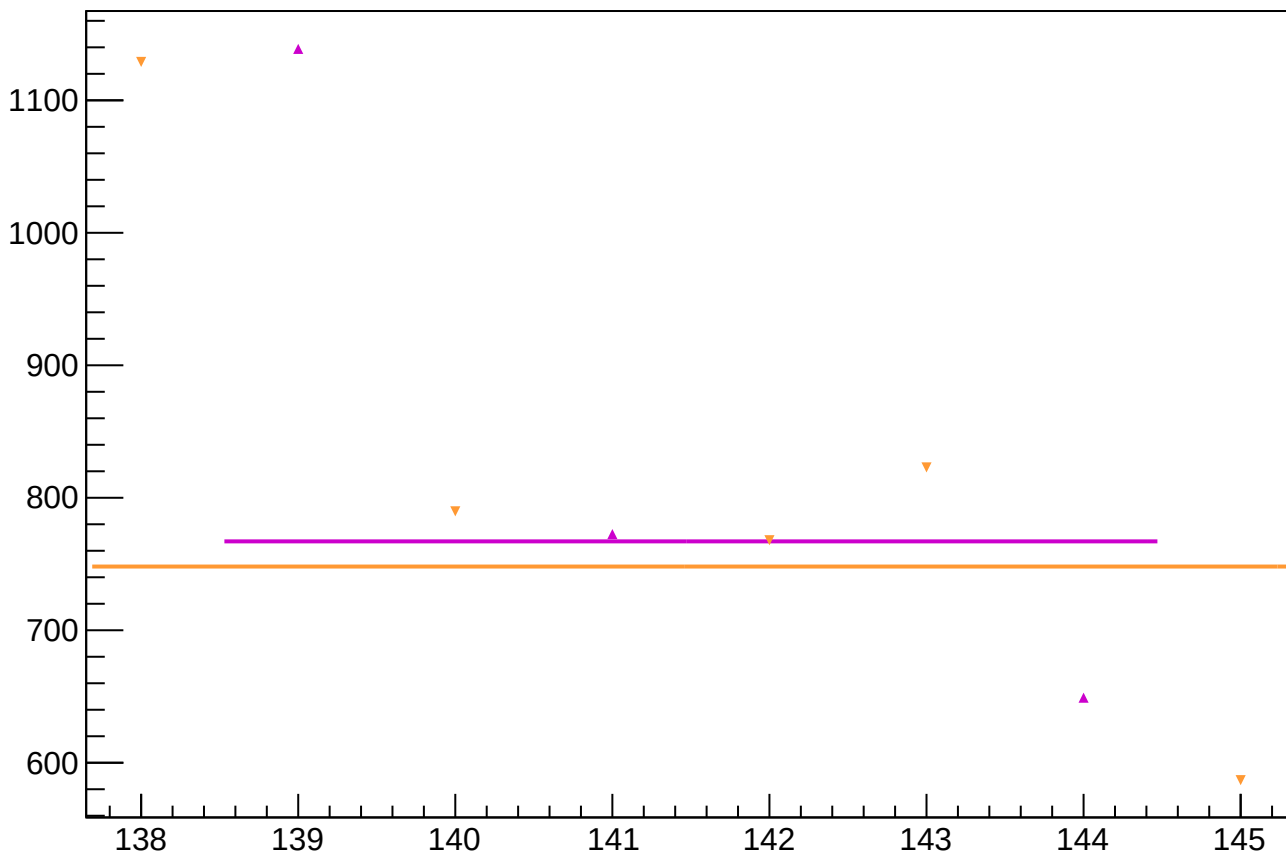
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 674.392 $\pm$ 498.921 χ^2 /NDF:2.1/2

Out: -804.742 $\pm$ 416.798 χ^2 /NDF:9.4/4

All: -196.768 $\pm$ 319.868 χ^2 /NDF: 16.7/7

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 748.092+/-0.295 χ^2/NDF :295975.4/4

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

Left In: 767.093+/-0.353 χ^2/NDF :225148.3/2

Left: 755.902+/-0.226 χ^2/NDF : 522832.1/7

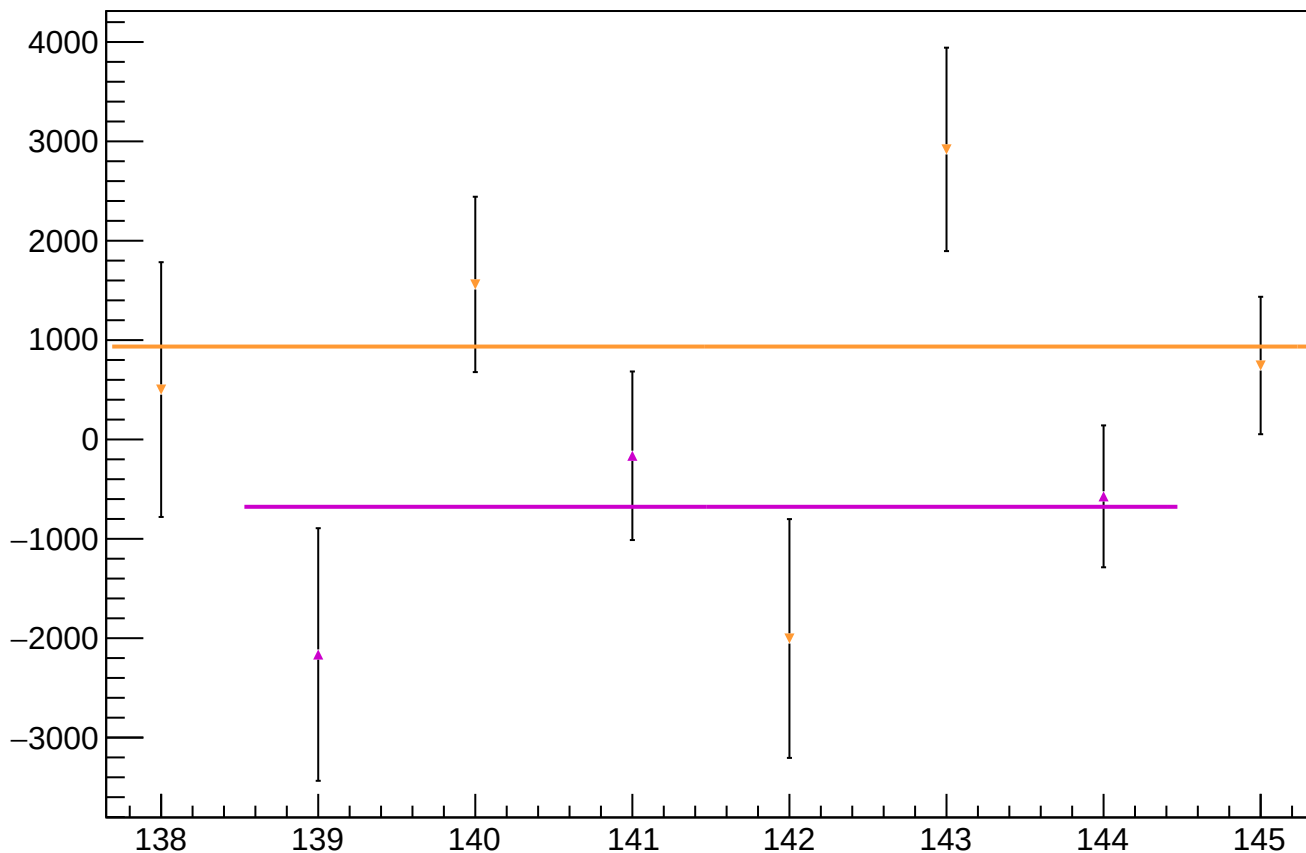
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 767.093+/-0.353 χ^2/NDF :225148.3/2

Out: 748.092+/-0.295 χ^2/NDF :295975.4/4

All: 755.902+/-0.226 χ^2/NDF : 522832.1/7

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 935.027+/-421.419 χ^2/NDF :10.4/4

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

Left In: -677.613+/-501.866 χ^2/NDF :1.8/2

Left: 268.160+/-322.730 χ^2/NDF : 18.2/7

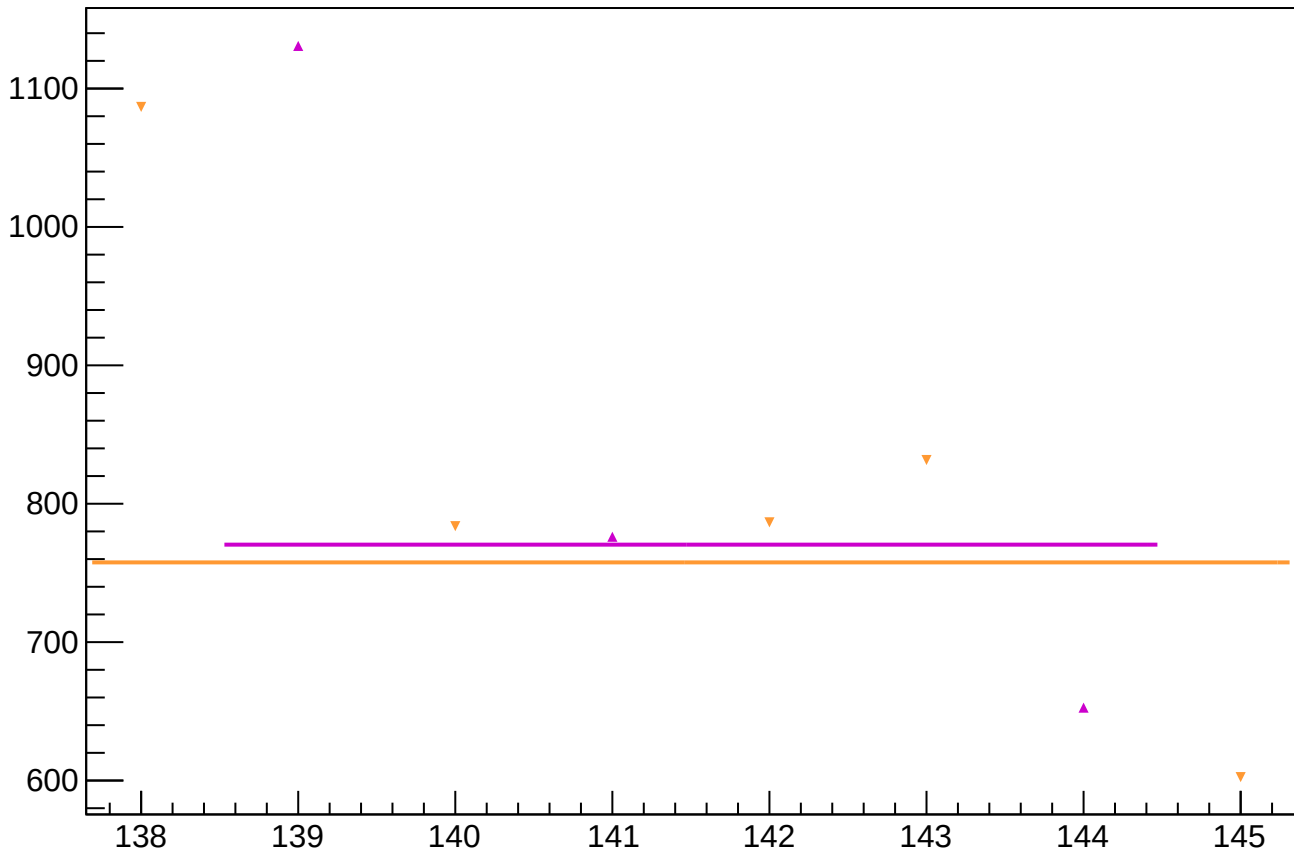
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -677.613+/-501.866 χ^2/NDF :1.8/2

Out: 935.027+/-421.419 χ^2/NDF :10.4/4

All: 268.160+/-322.730 χ^2/NDF : 18.2/7

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 757.616 ± 0.298 $\chi^2/\text{NDF}: 245853.5/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 770.440 ± 0.355 $\chi^2/\text{NDF}: 215261.2/2$

Left: 762.919 ± 0.228 $\chi^2/\text{NDF}: 461880.5/7$

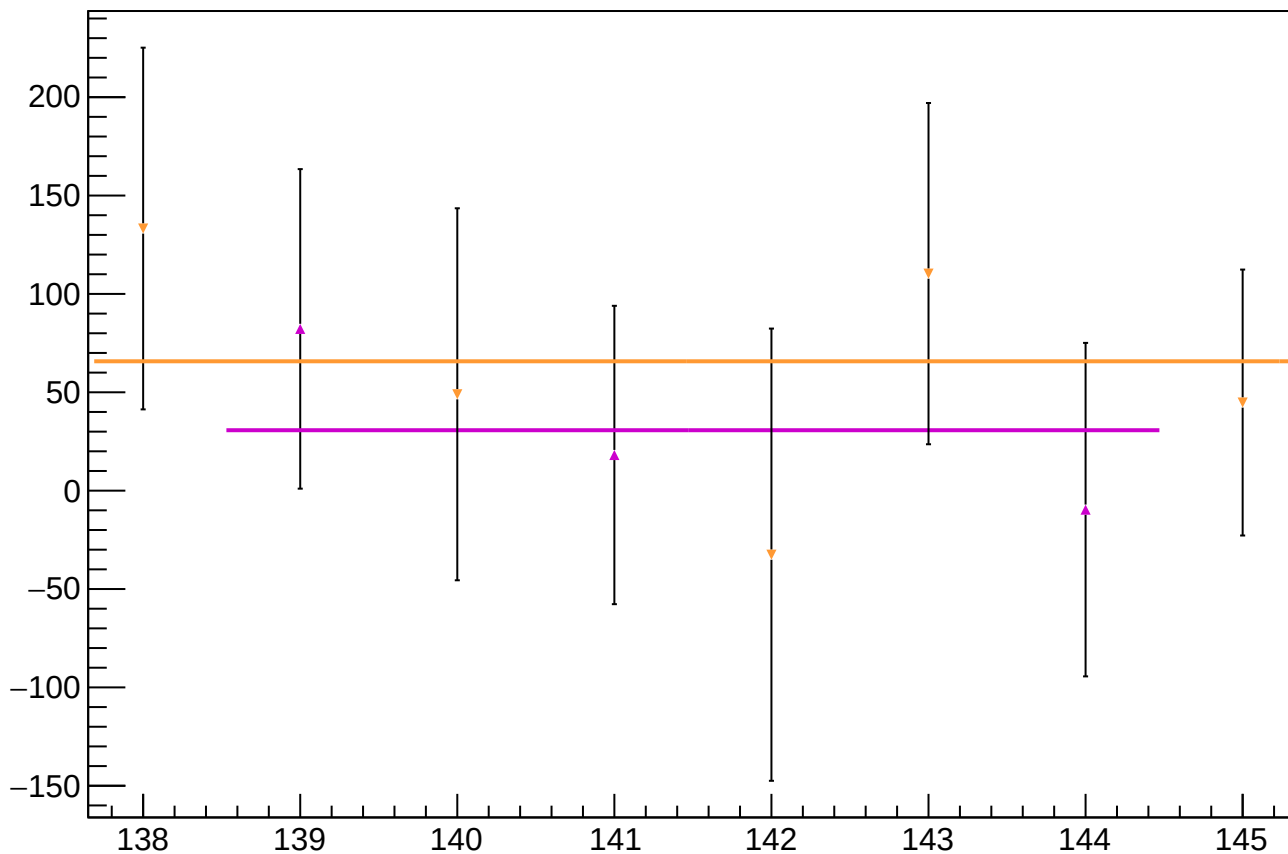
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 770.440 ± 0.355 $\chi^2/\text{NDF}: 215261.2/2$

Out: 757.616 ± 0.298 $\chi^2/\text{NDF}: 245853.5/4$

All: 762.919 ± 0.228 $\chi^2/\text{NDF}: 461880.5/7$

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 65.757 $\pm$ 38.991 χ^2 /NDF:1.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 30.720 $\pm$ 46.387 χ^2 /NDF:0.7/2

Left: 51.251 $\pm$ 29.847 χ^2 /NDF: 2.7/7

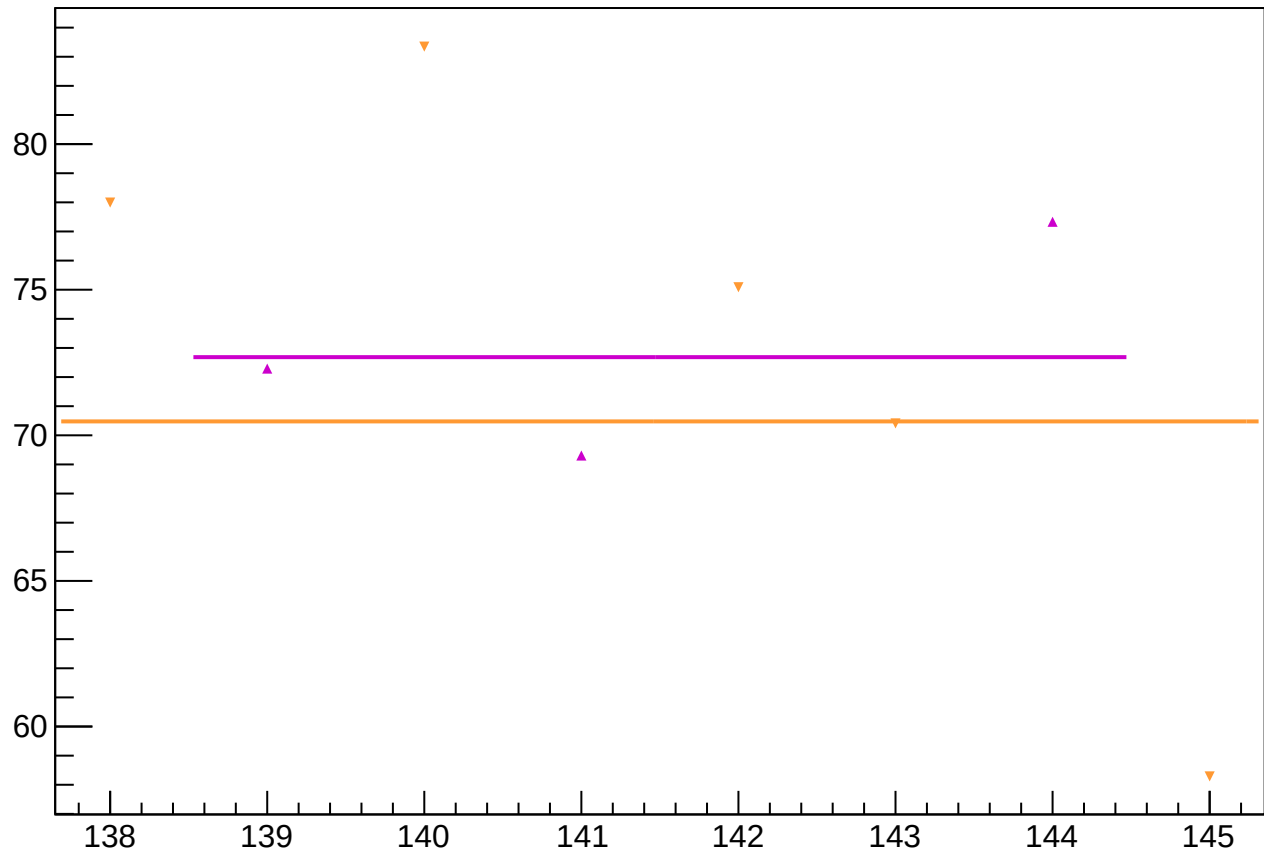
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 30.720 $\pm$ 46.387 χ^2 /NDF:0.7/2

Out: 65.757 $\pm$ 38.991 χ^2 /NDF:1.7/4

All: 51.251 $\pm$ 29.847 χ^2 /NDF: 2.7/7

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 70.478+/-0.028 χ^2/NDF :118707.4/4

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

Left In: 72.684+/-0.033 χ^2/NDF :10033.6/2

Left: 71.391+/-0.021 χ^2/NDF : 131393.3/7

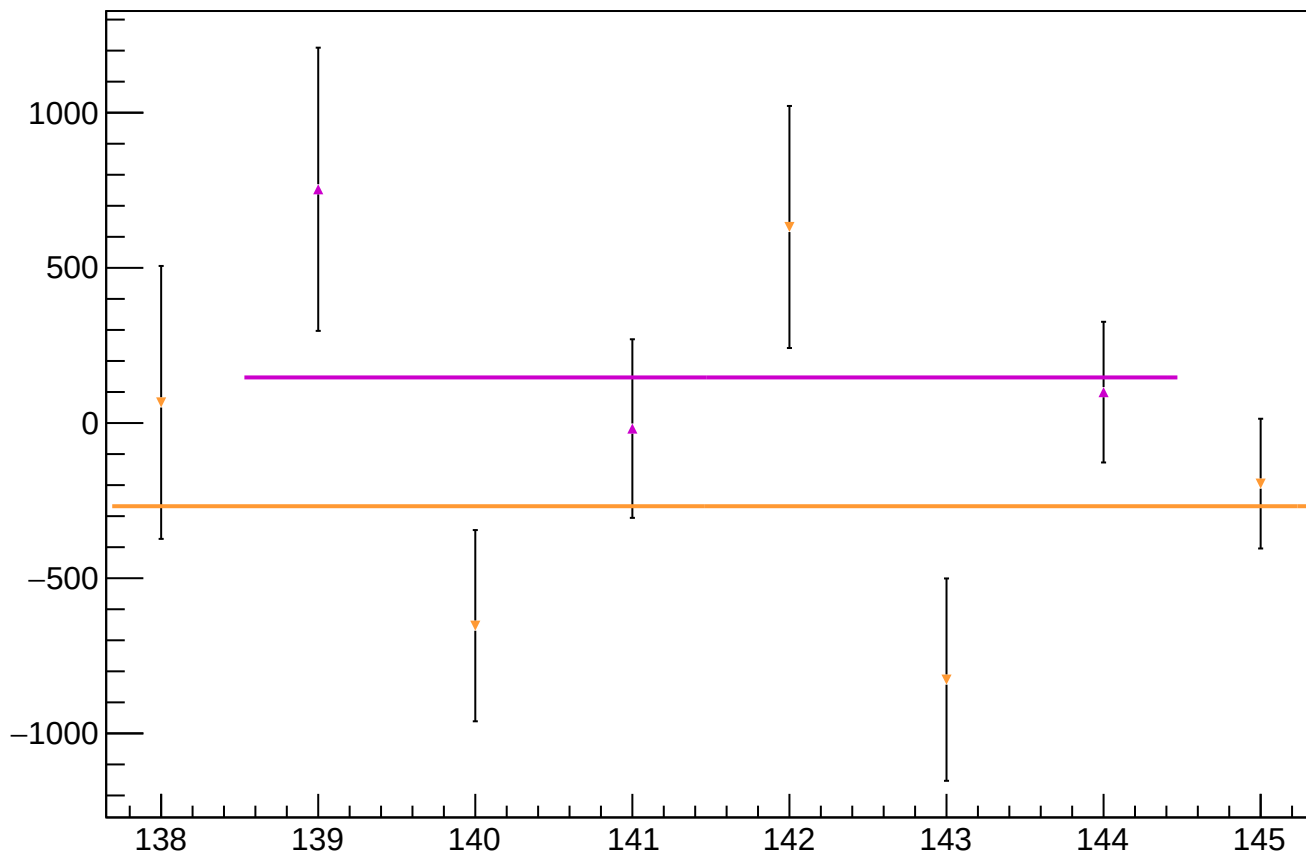
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 72.684+/-0.033 χ^2/NDF :10033.6/2

Out: 70.478+/-0.028 χ^2/NDF :118707.4/4

All: 71.391+/-0.021 χ^2/NDF : 131393.3/7

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -267.995 $\pm$ 135.353 χ^2 /NDF:10.5/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 146.960 $\pm$ 165.866 χ^2 /NDF:2.1/2

Left: -102.125 $\pm$ 104.867 χ^2 /NDF: 16.4/7

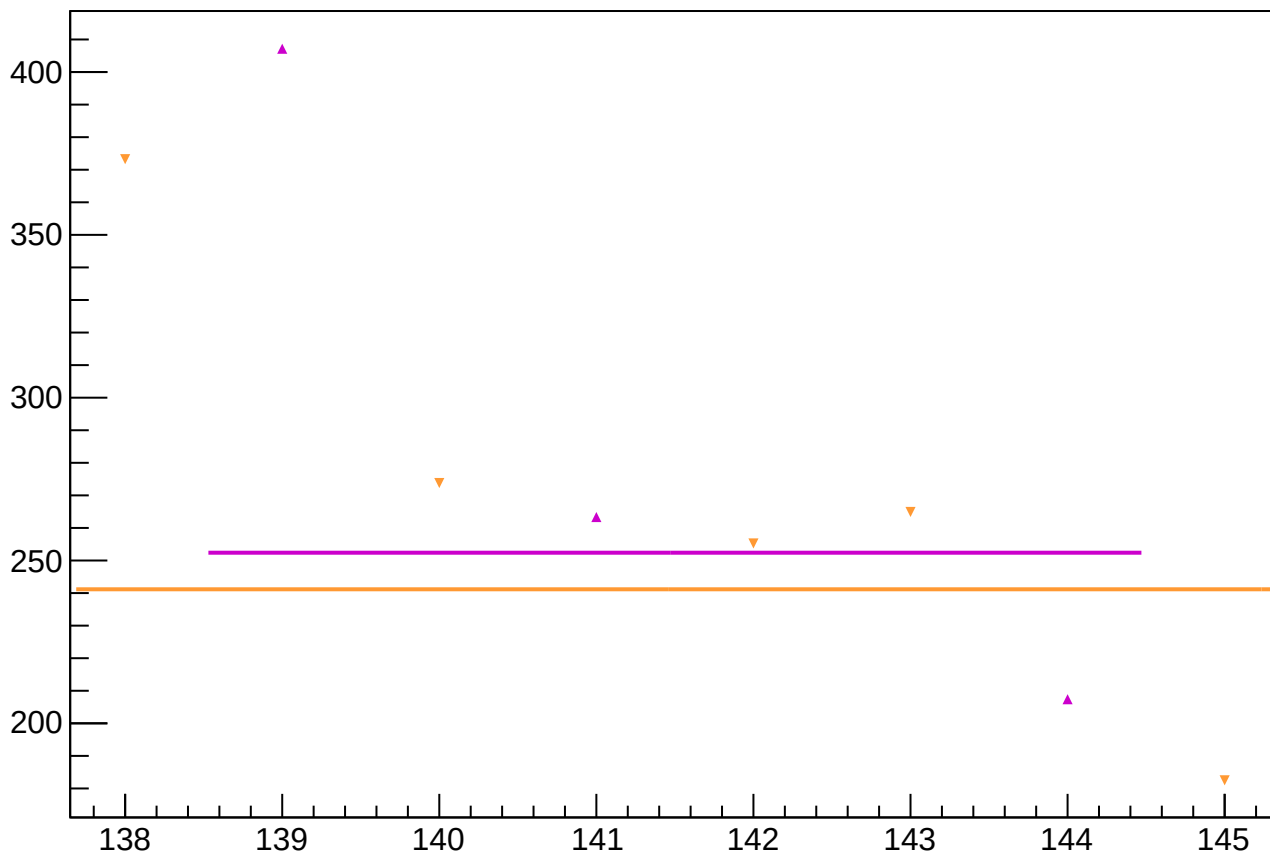
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 146.960 $\pm$ 165.866 χ^2 /NDF:2.1/2

Out: -267.995 $\pm$ 135.353 χ^2 /NDF:10.5/4

All: -102.125 $\pm$ 104.867 χ^2 /NDF: 16.4/7

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 241.162 ± 0.096 $\chi^2/\text{NDF}: 373646.7/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 252.395 ± 0.117 $\chi^2/\text{NDF}: 311834.5/2$

Left: 245.652 ± 0.074 $\chi^2/\text{NDF}: 690987.8/7$

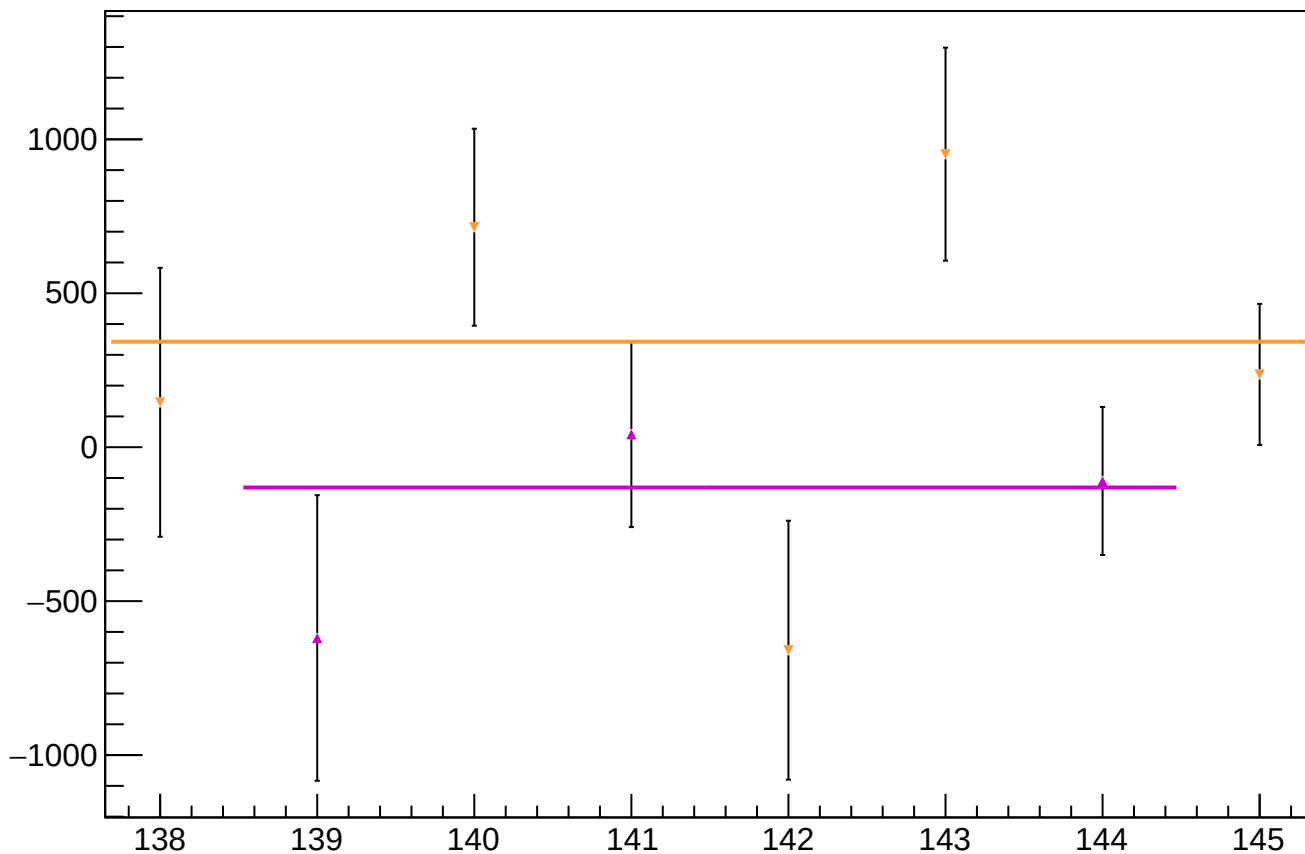
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 252.395 ± 0.117 $\chi^2/\text{NDF}: 311834.5/2$

Out: 241.162 ± 0.096 $\chi^2/\text{NDF}: 373646.7/4$

All: 245.652 ± 0.074 $\chi^2/\text{NDF}: 690987.8/7$

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 342.707+/-144.213 χ^2/NDF :10.5/4

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

Left In: -130.942+/-174.269 χ^2/NDF :1.4/2

Left: 150.186+/-111.104 χ^2/NDF : 16.4/7

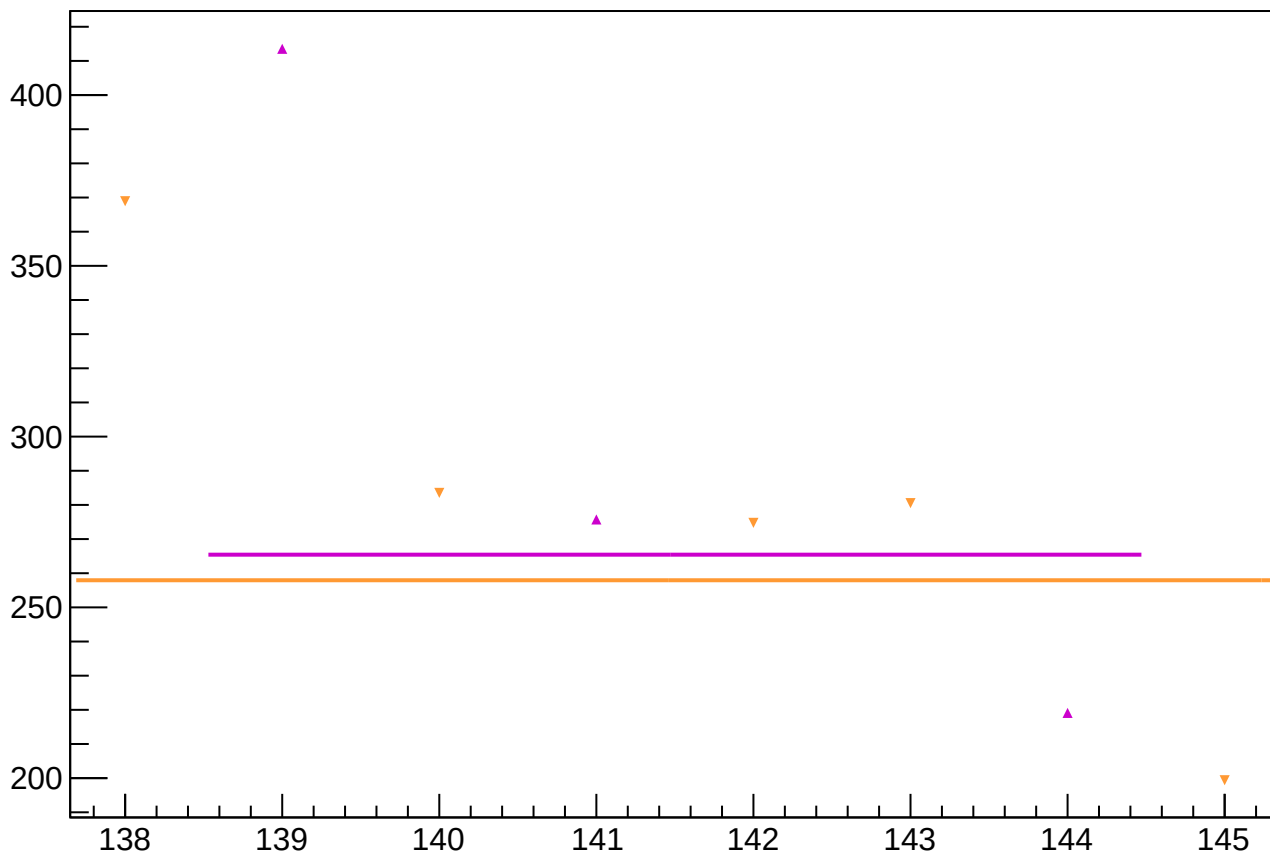
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -130.942+/-174.269 χ^2/NDF :1.4/2

Out: 342.707+/-144.213 χ^2/NDF :10.5/4

All: 150.186+/-111.104 χ^2/NDF : 16.4/7

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 257.941+/-0.102 χ^2/NDF :284357.7/4

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

Left In: 265.430+/-0.123 χ^2/NDF :280541.2/2

Left: 260.985+/-0.079 χ^2/NDF : 567091.1/7

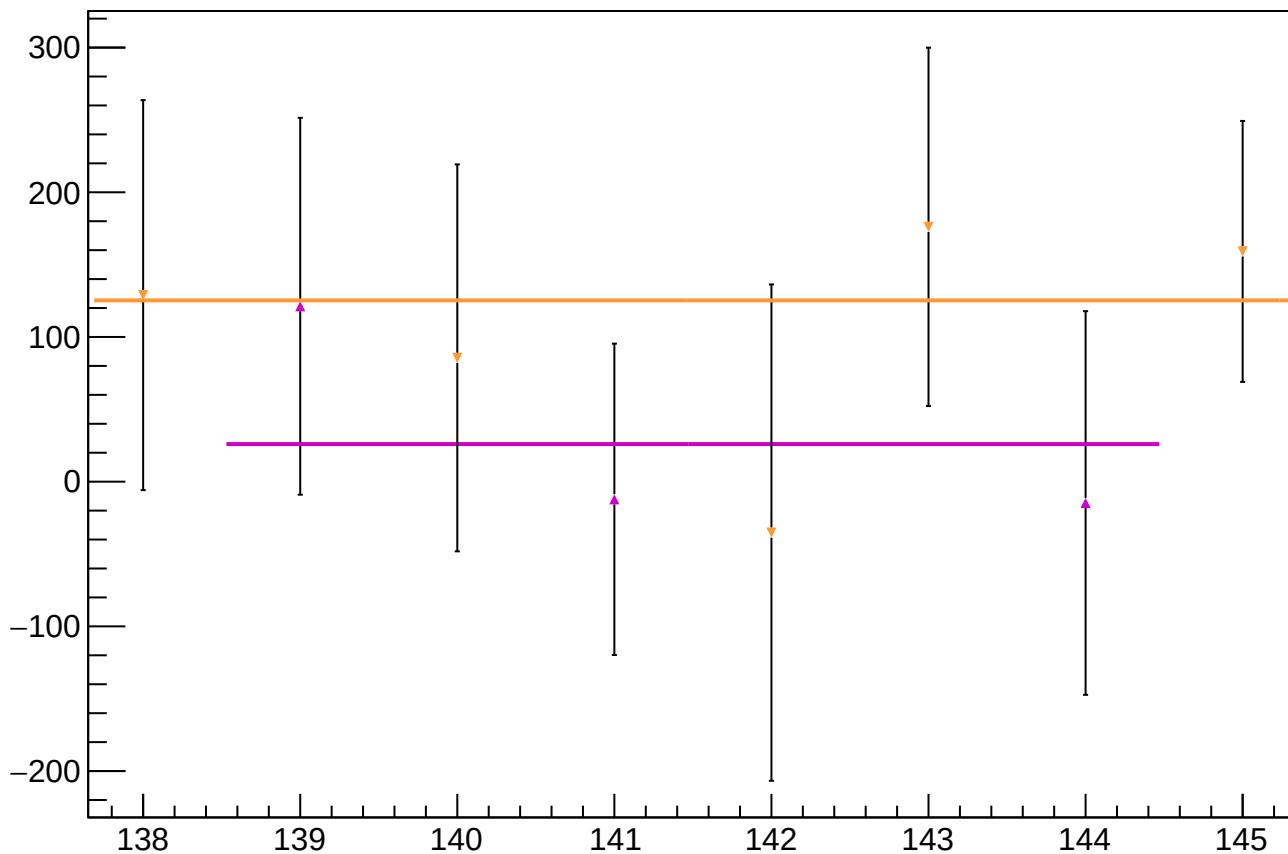
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 265.430+/-0.123 χ^2/NDF :280541.2/2

Out: 257.941+/-0.102 χ^2/NDF :284357.7/4

All: 260.985+/-0.079 χ^2/NDF : 567091.1/7

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 125.277+/-54.785 χ^2/NDF : 1.3/4

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

Left In: 25.980+/-70.316 χ^2/NDF : 0.8/2

Left: 87.769+/-43.217 χ^2/NDF : 3.3/7

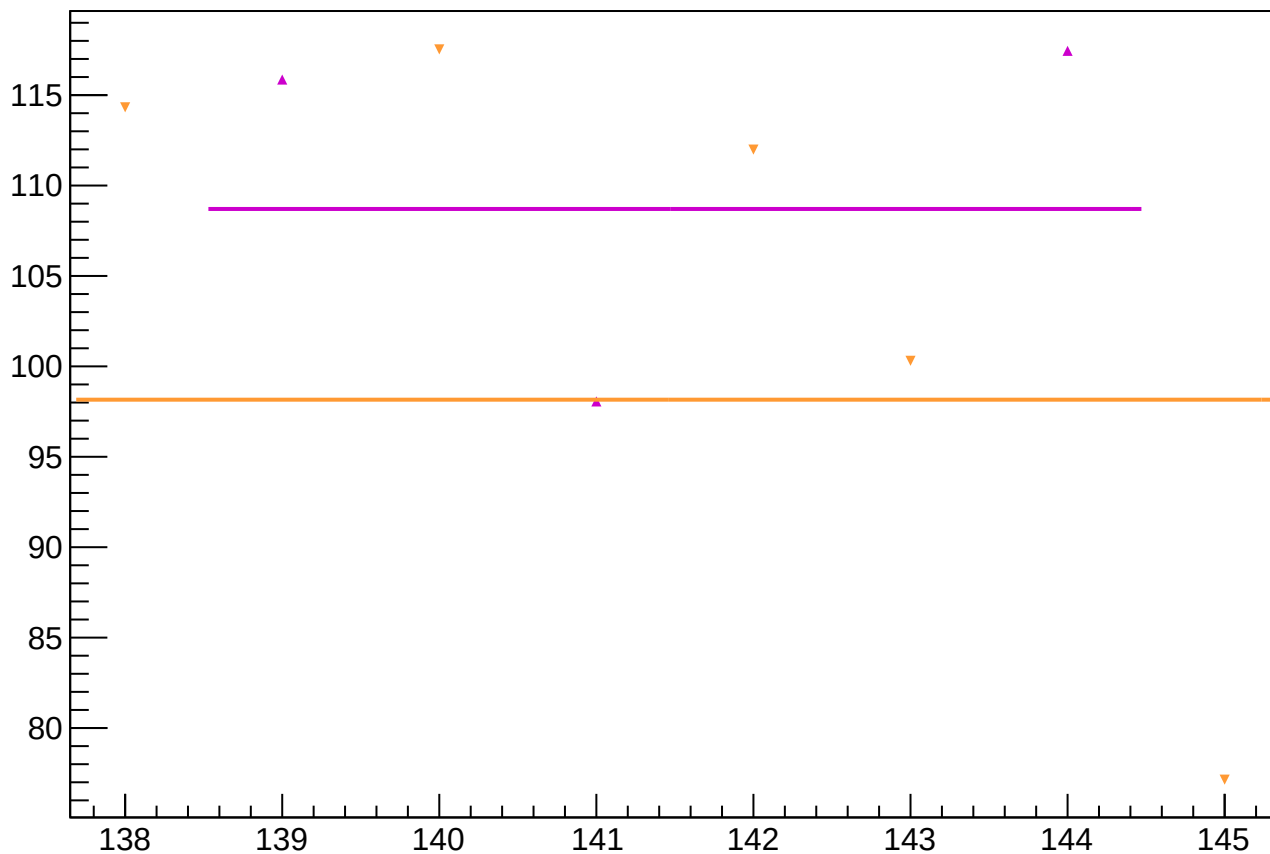
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.980+/-70.316 χ^2/NDF : 0.8/2

Out: 125.277+/-54.785 χ^2/NDF : 1.3/4

All: 87.769+/-43.217 χ^2/NDF : 3.3/7

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 98.158 ± 0.039 χ^2/NDF : 192966.6/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 108.705 ± 0.050 χ^2/NDF : 34313.8/2

Left: 102.142 ± 0.031 χ^2/NDF : 255278.9/7

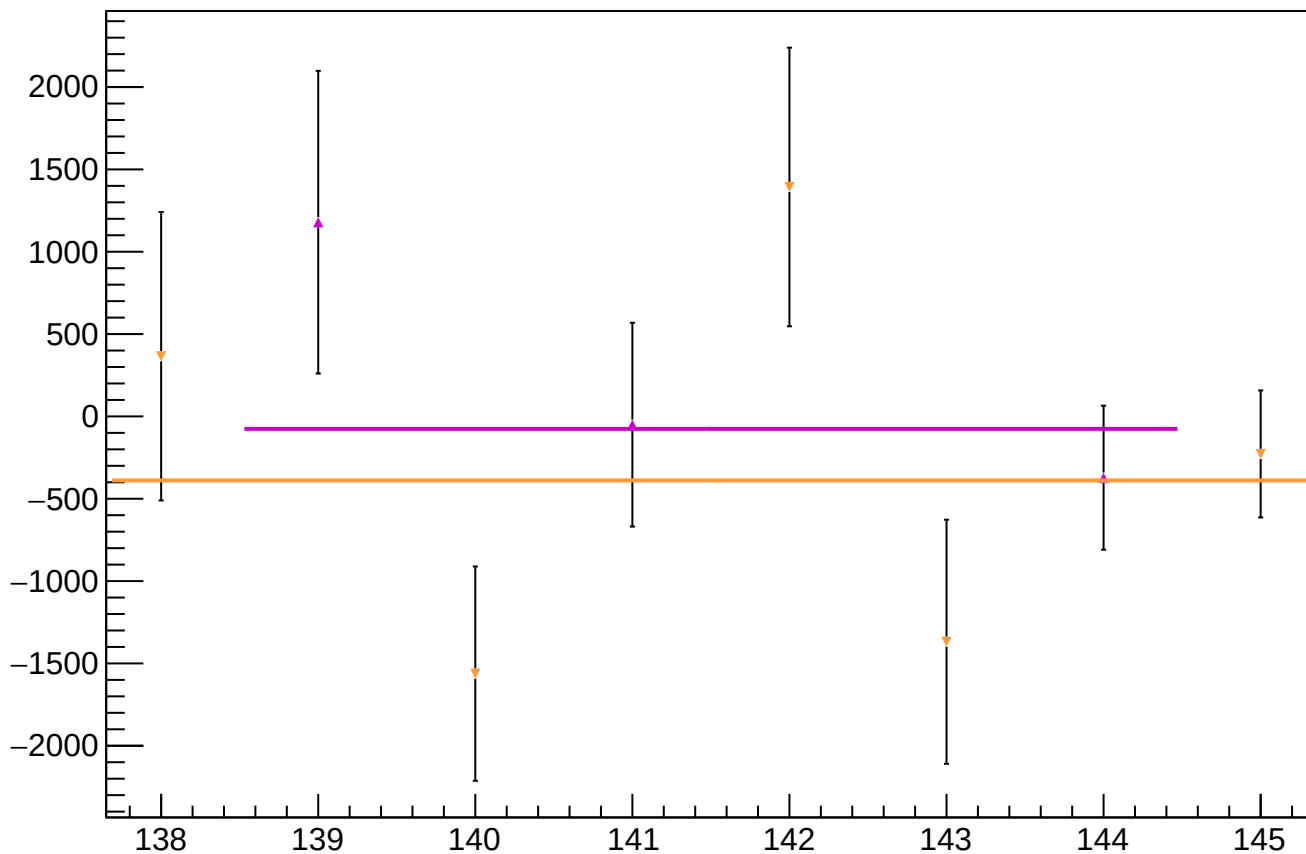
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 108.705 ± 0.050 χ^2/NDF : 34313.8/2

Out: 98.158 ± 0.039 χ^2/NDF : 192966.6/4

All: 102.142 ± 0.031 χ^2/NDF : 255278.9/7

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -388.602 $\pm$ 271.101 χ^2 /NDF:10.3/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -75.478 $\pm$ 332.870 χ^2 /NDF:2.3/2

Left: -263.732 $\pm$ 210.206 χ^2 /NDF: 13.2/7

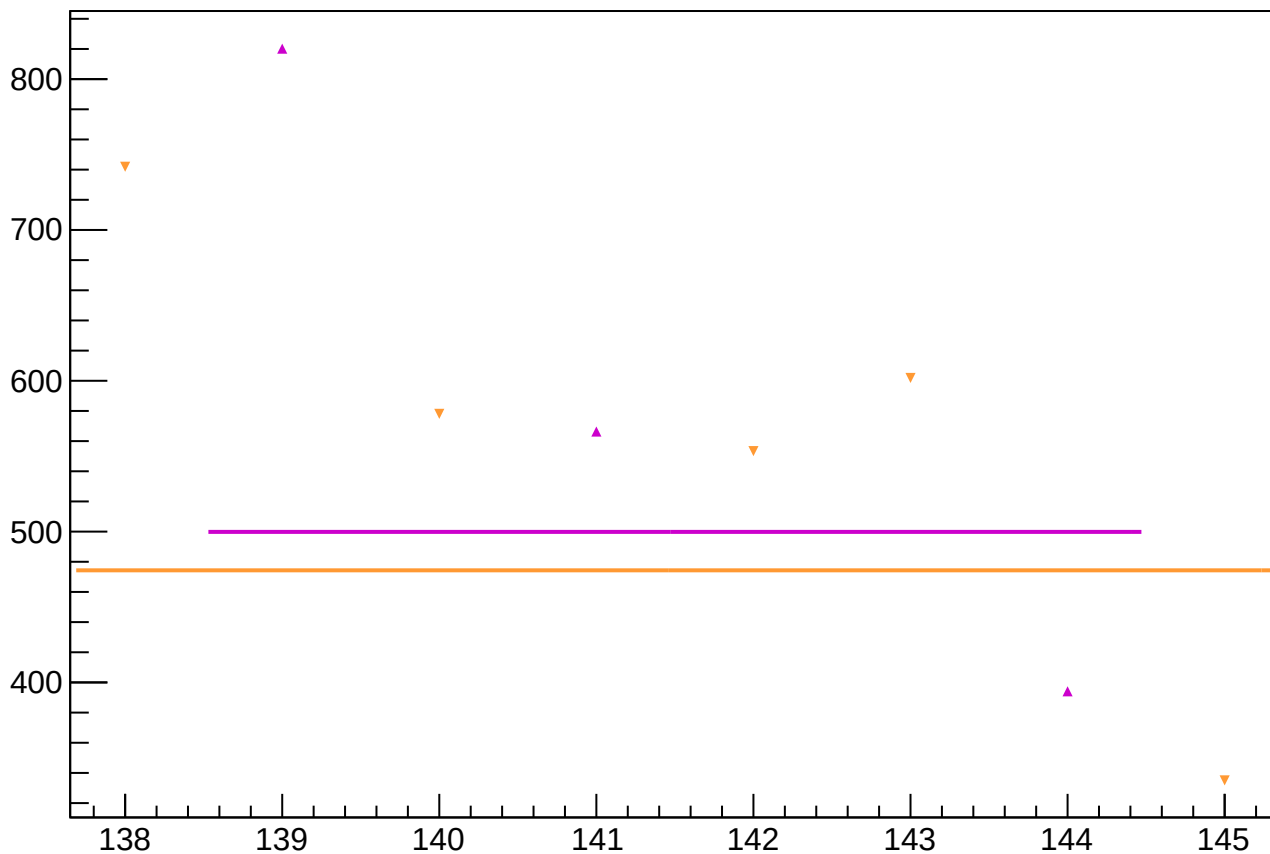
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -75.478 $\pm$ 332.870 χ^2 /NDF:2.3/2

Out: -388.602 $\pm$ 271.101 χ^2 /NDF:10.3/4

All: -263.732 $\pm$ 210.206 χ^2 /NDF: 13.2/7

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 474.326+/-0.192 χ^2/NDF :575054.2/4

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

Left In: 499.815+/-0.235 χ^2/NDF :383093.3/2

Left: 484.491+/-0.149 χ^2/NDF : 965198.2/7

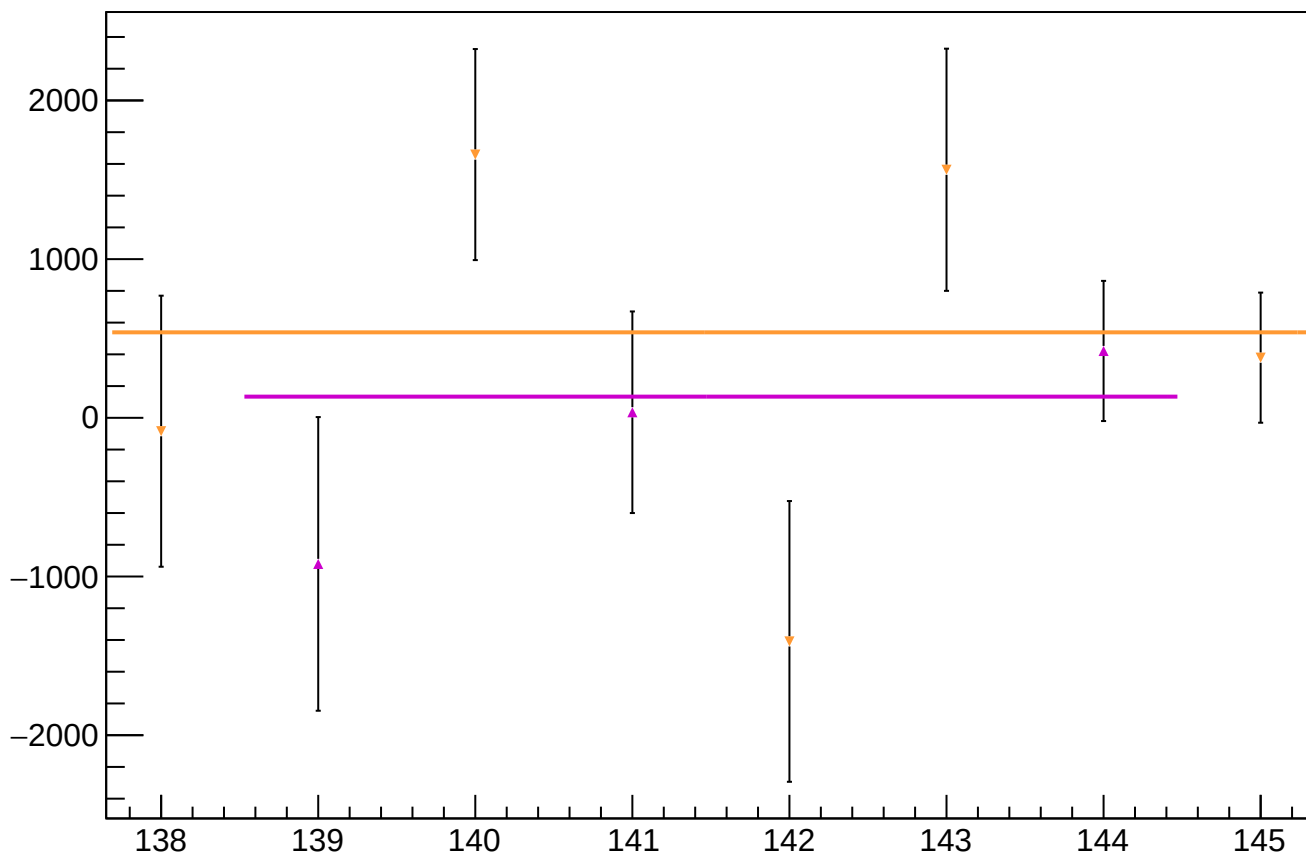
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 499.815+/-0.235 χ^2/NDF :383093.3/2

Out: 474.326+/-0.192 χ^2/NDF :575054.2/4

All: 484.491+/-0.149 χ^2/NDF : 965198.2/7

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 538.698+/-281.997 χ^2/NDF :10.2/4

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

Left In: 133.546+/-337.622 χ^2/NDF :1.7/2

Left: 372.203+/-216.432 χ^2/NDF : 12.8/7

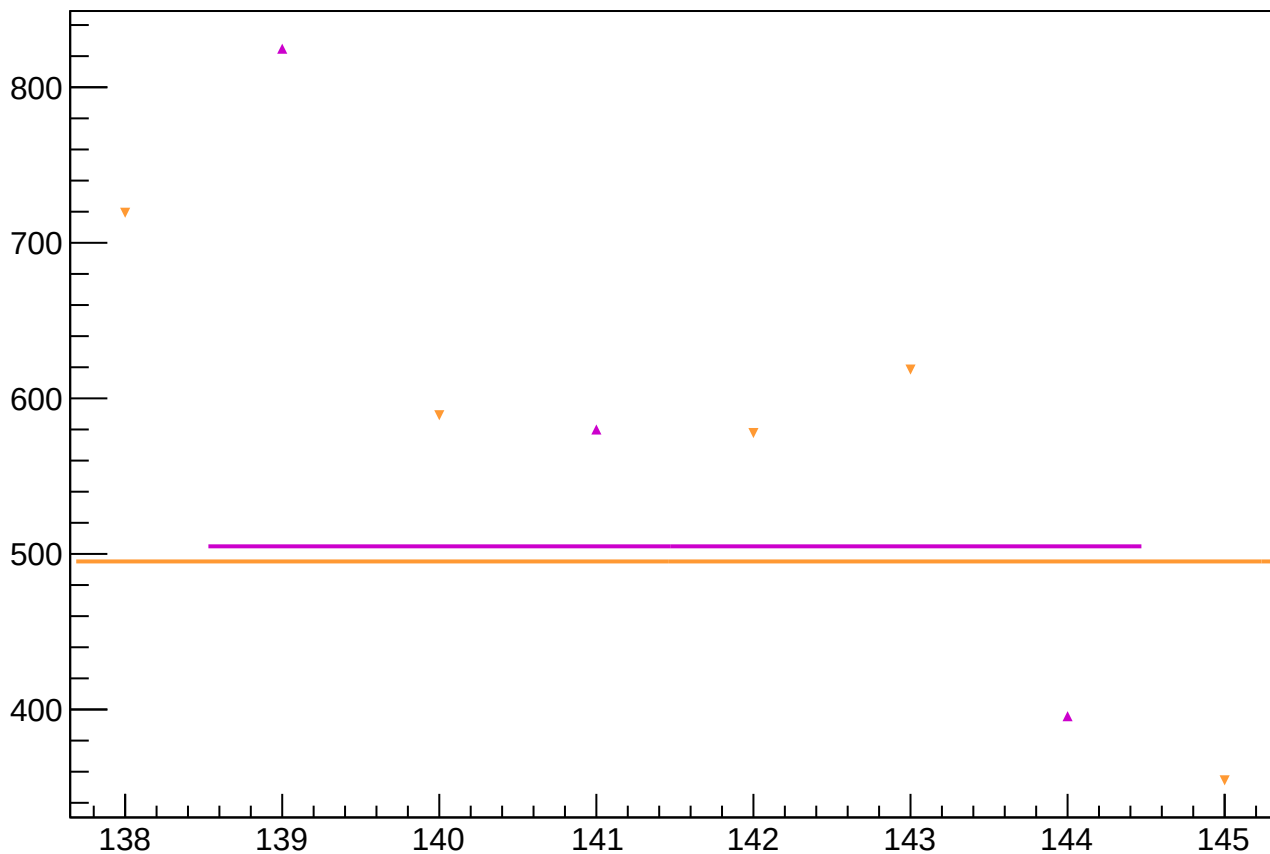
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.546+/-337.622 χ^2/NDF :1.7/2

Out: 538.698+/-281.997 χ^2/NDF :10.2/4

All: 372.203+/-216.432 χ^2/NDF : 12.8/7

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 495.169+/-0.199 χ^2/NDF :482945.4/4

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

Left In: 504.882+/-0.239 χ^2/NDF :389300.9/2

Left: 499.161+/-0.153 χ^2/NDF : 873221.4/7

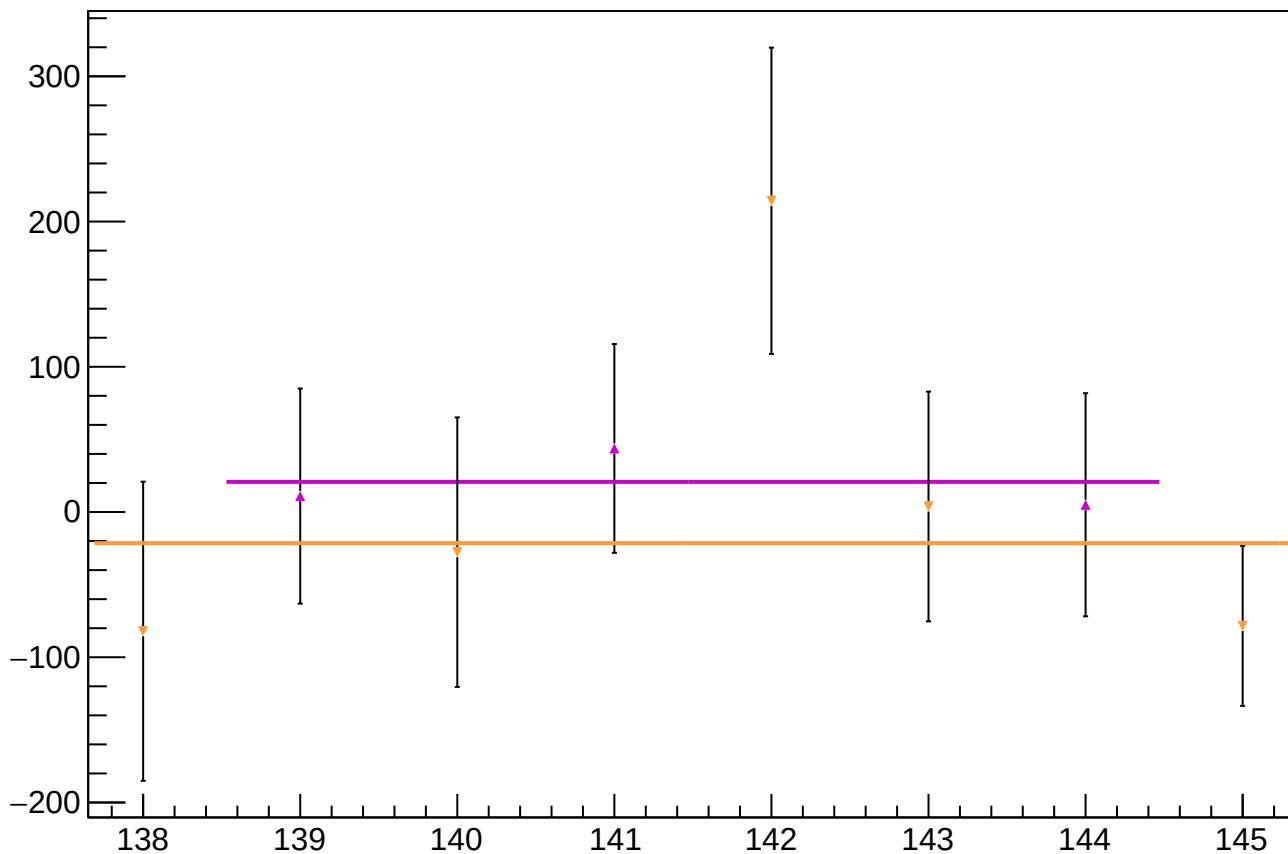
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 504.882+/-0.239 χ^2/NDF :389300.9/2

Out: 495.169+/-0.199 χ^2/NDF :482945.4/4

All: 499.161+/-0.153 χ^2/NDF : 873221.4/7

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -21.417+/-35.579 χ^2/NDF : 6.5/4

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

Left In: 20.764+/-42.817 χ^2/NDF : 0.2/2

Left: -4.188+/-27.364 χ^2/NDF : 7.3/7

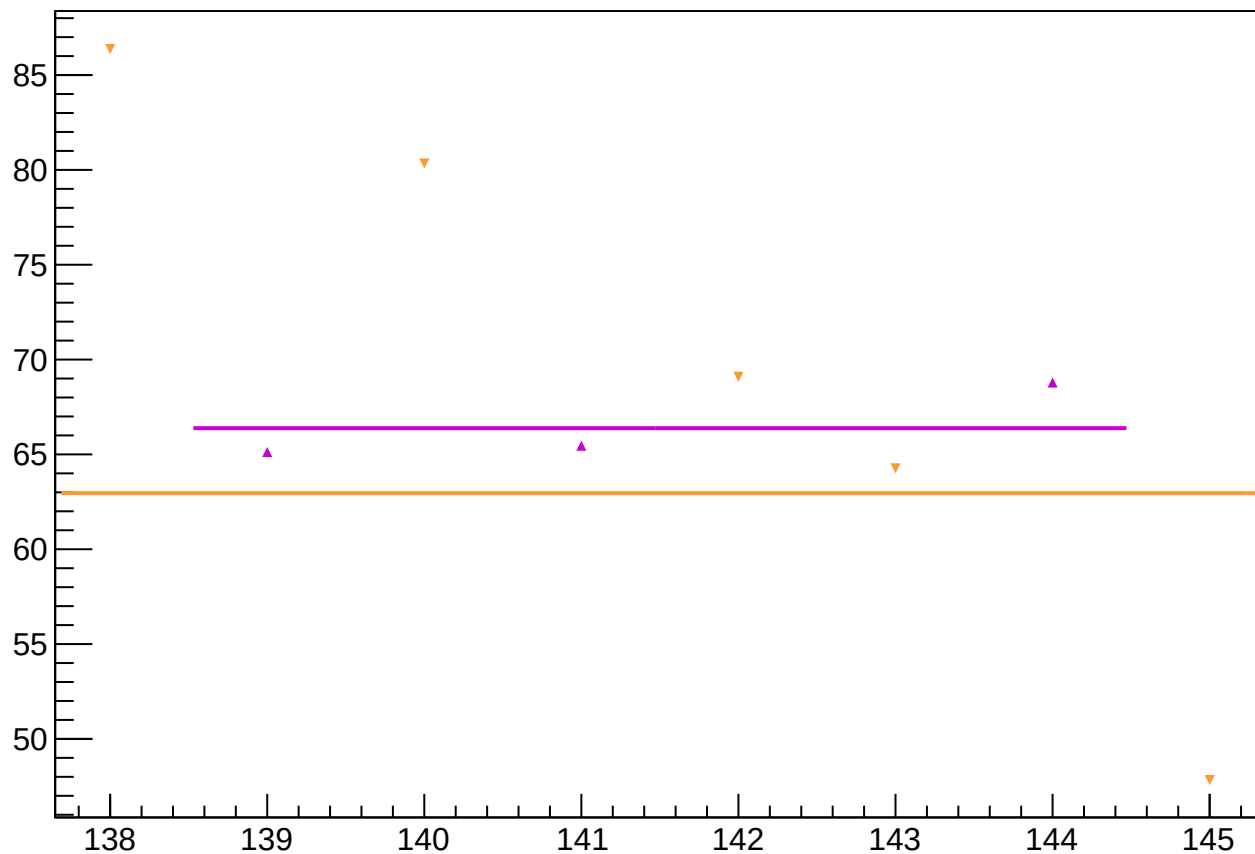
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.764+/-42.817 χ^2/NDF : 0.2/2

Out: -21.417+/-35.579 χ^2/NDF : 6.5/4

All: -4.188+/-27.364 χ^2/NDF : 7.3/7

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: 62.958+/-0.025 χ^2/NDF :331802.8/4

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

Left In: 66.383+/-0.030 χ^2/NDF :2870.4/2

Left: 64.357+/-0.019 χ^2/NDF : 342243.3/7

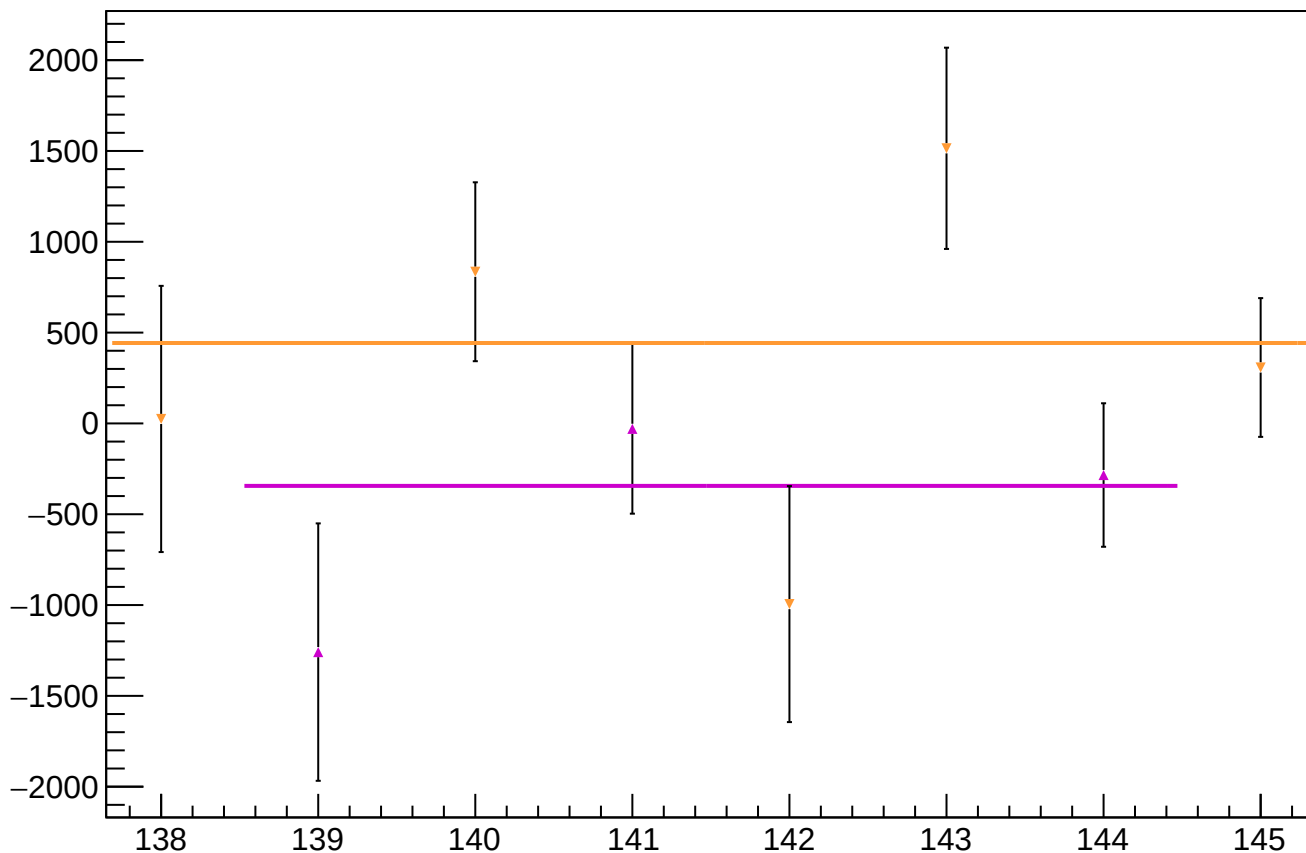
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.383+/-0.030 χ^2/NDF :2870.4/2

Out: 62.958+/-0.025 χ^2/NDF :331802.8/4

All: 64.357+/-0.019 χ^2/NDF : 342243.3/7

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: 442.775+/-232.706 χ^2/NDF :9.7/4

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

Left In: -343.909+/-277.532 χ^2/NDF :2.1/2

Left: 118.016+/-178.317 χ^2/NDF : 16.6/7

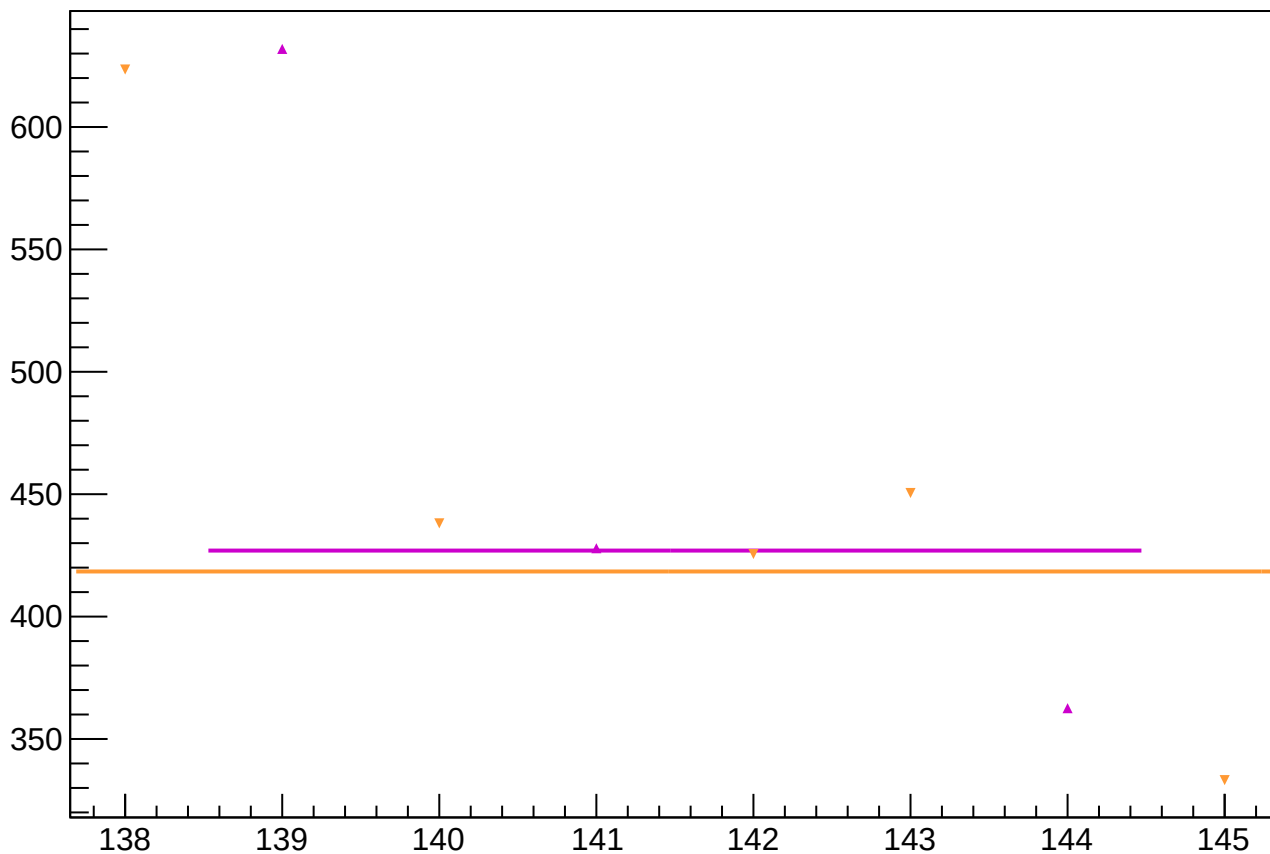
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -343.909+/-277.532 χ^2/NDF :2.1/2

Out: 442.775+/-232.706 χ^2/NDF :9.7/4

All: 118.016+/-178.317 χ^2/NDF : 16.6/7

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 418.432+/-0.165 χ^2/NDF :266335.2/4

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

Left In: 426.967+/-0.196 χ^2/NDF :220441.9/2

Left: 421.955+/-0.126 χ^2/NDF : 487887.8/7

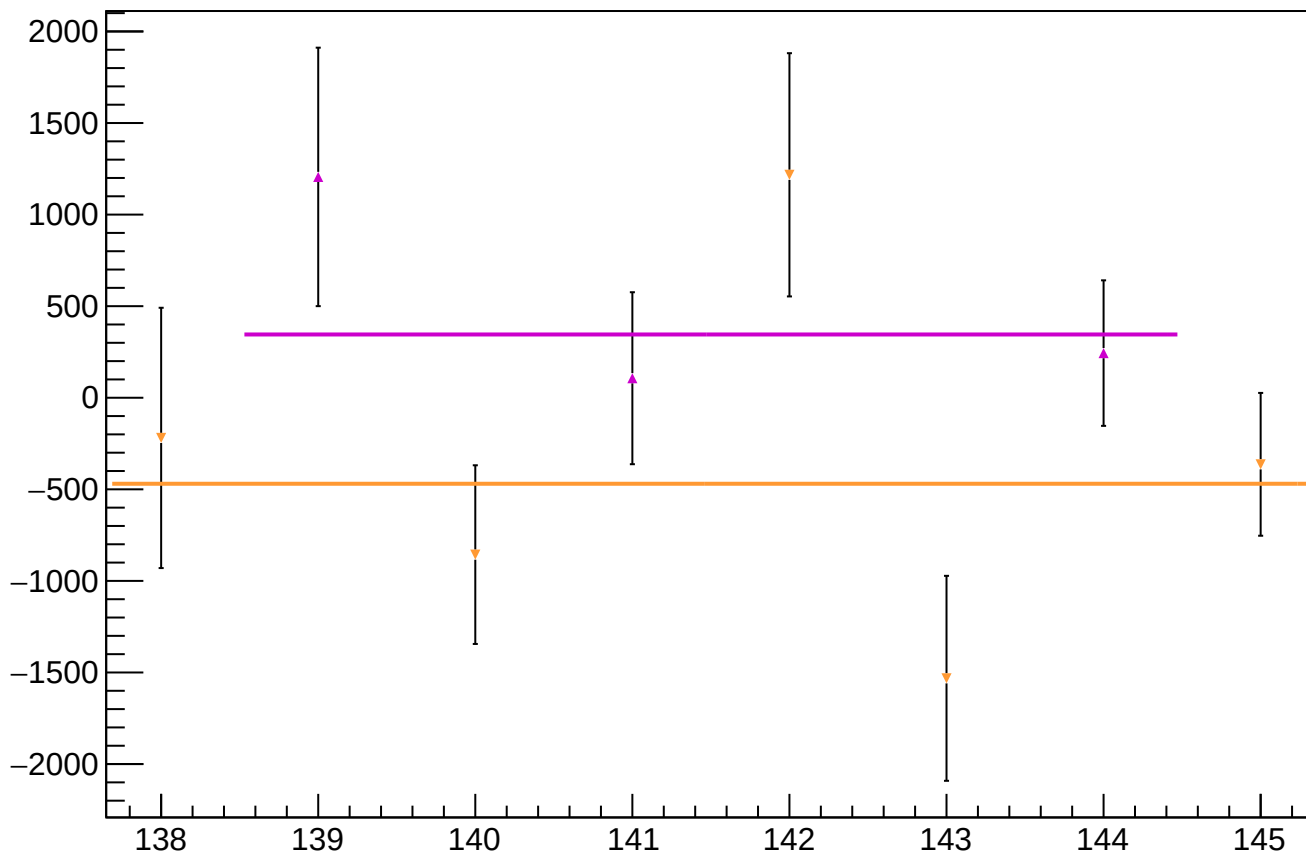
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 426.967+/-0.196 χ^2/NDF :220441.9/2

Out: 418.432+/-0.165 χ^2/NDF :266335.2/4

All: 421.955+/-0.126 χ^2/NDF : 487887.8/7

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -469.597+/-234.258 χ^2/NDF :10.9/4

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

Left In: 345.477+/-278.641 χ^2/NDF :1.8/2

Left: -132.066+/-179.309 χ^2/NDF : 17.7/7

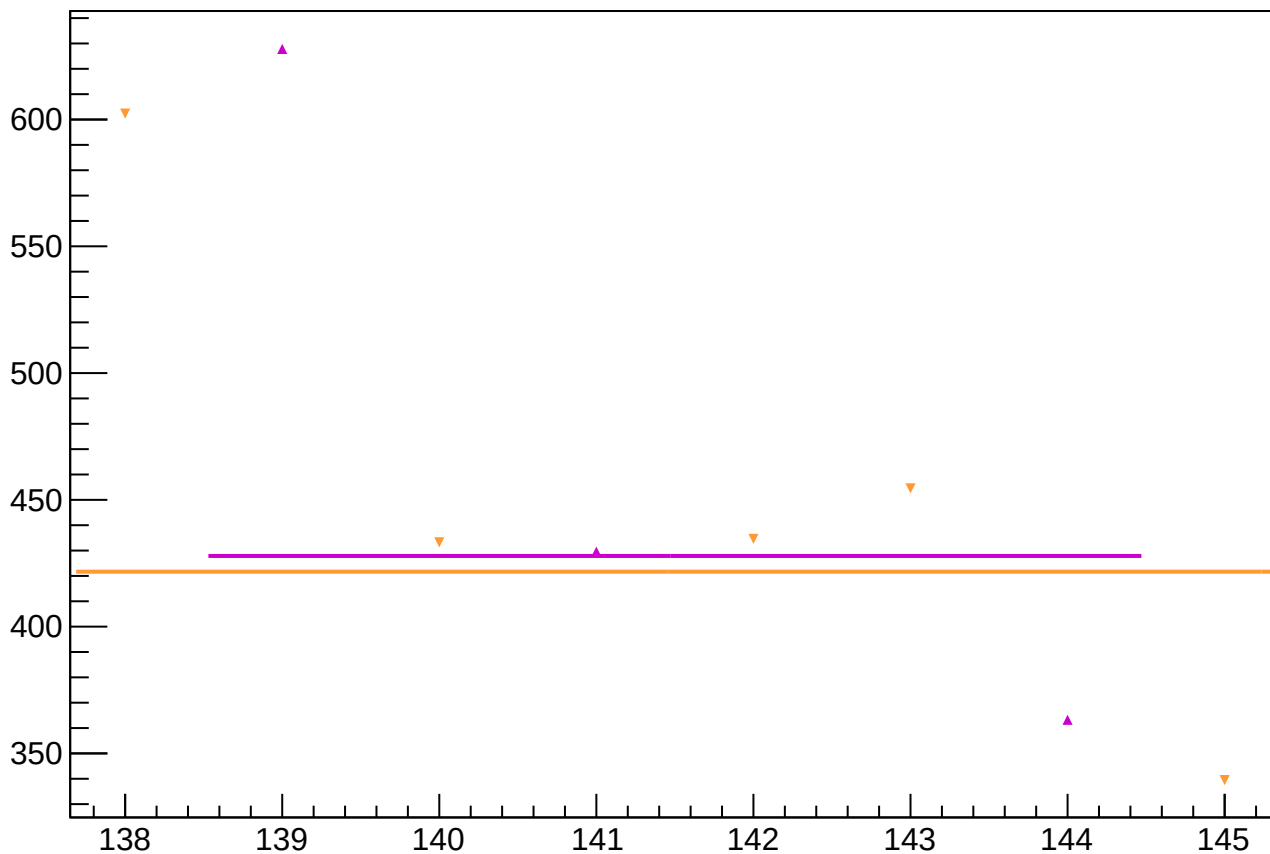
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 345.477+/-278.641 χ^2/NDF :1.8/2

Out: -469.597+/-234.258 χ^2/NDF :10.9/4

All: -132.066+/-179.309 χ^2/NDF : 17.7/7

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 421.677+/-0.166 χ^2/NDF : 226969.0/4

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

Left In: 427.878+/-0.197 χ^2/NDF : 213540.4/2

Left: 424.245+/-0.127 χ^2/NDF : 441089.8/7

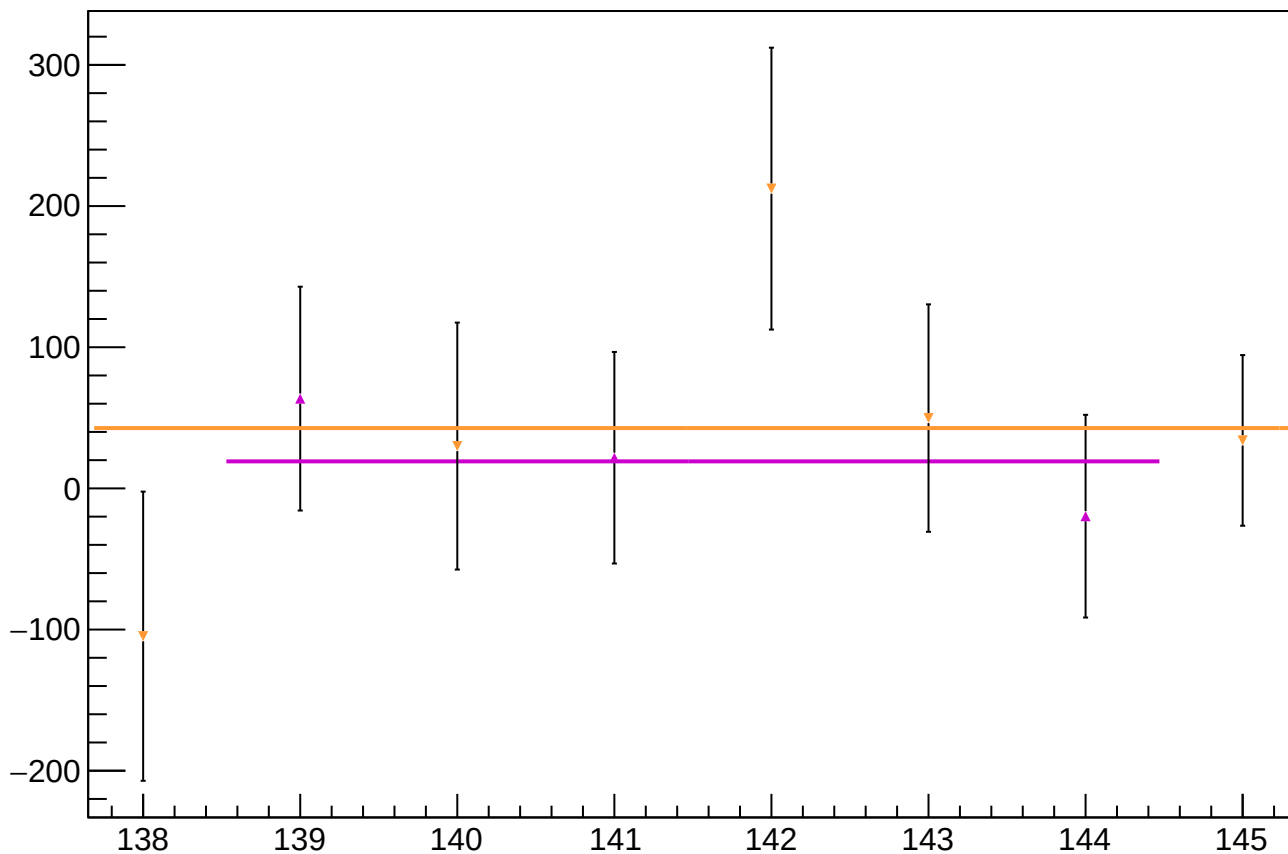
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 427.878+/-0.197 χ^2/NDF : 213540.4/2

Out: 421.677+/-0.166 χ^2/NDF : 226969.0/4

All: 424.245+/-0.127 χ^2/NDF : 441089.8/7

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 42.726 $\pm$ 36.416 χ^2 /NDF:5.0/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 19.149 $\pm$ 43.392 χ^2 /NDF:0.6/2

Left: 32.983 $\pm$ 27.894 χ^2 /NDF: 5.8/7

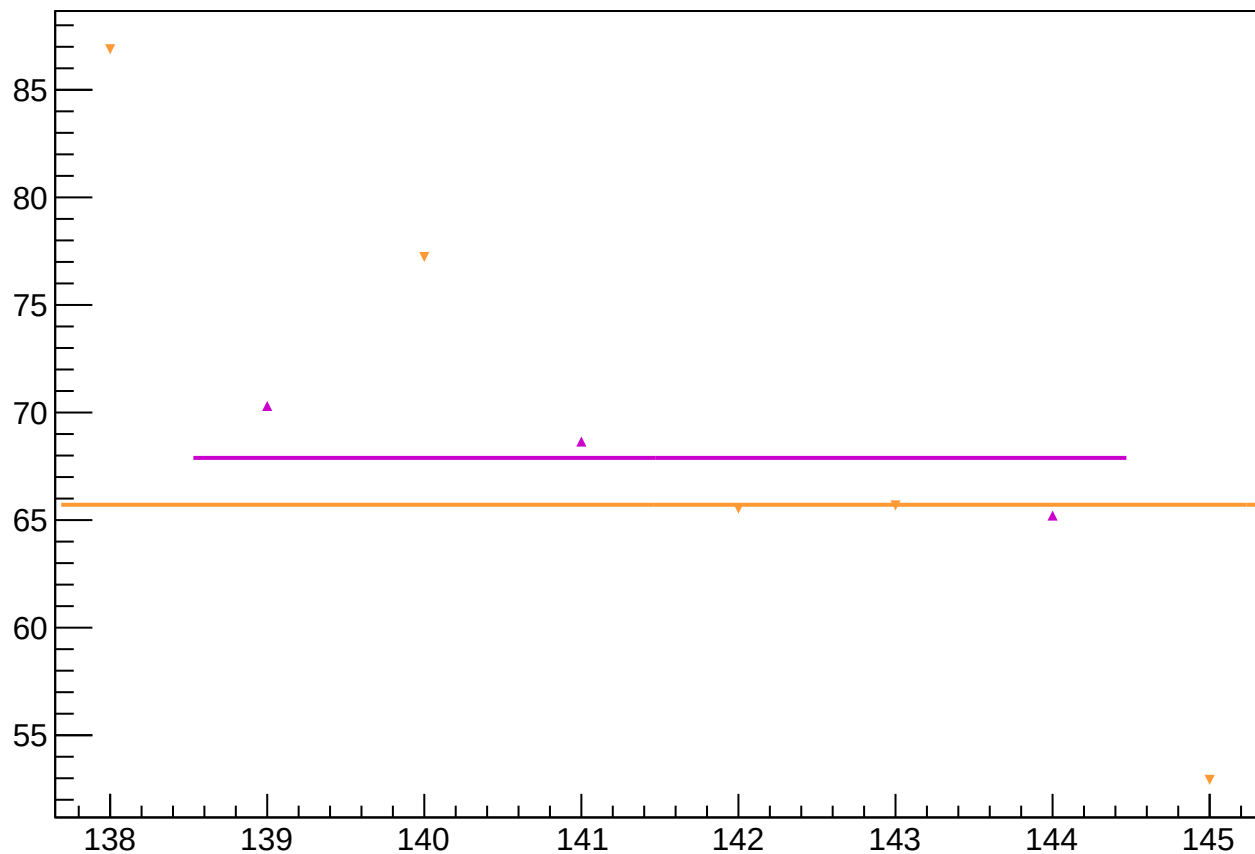
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 19.149 $\pm$ 43.392 χ^2 /NDF:0.6/2

Out: 42.726 $\pm$ 36.416 χ^2 /NDF:5.0/4

All: 32.983 $\pm$ 27.894 χ^2 /NDF: 5.8/7

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 65.713+/-0.026 χ^2/NDF :209661.3/4

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

Left In: 67.891+/-0.031 χ^2/NDF :4846.5/2

Left: 66.613+/-0.020 χ^2/NDF : 217465.4/7

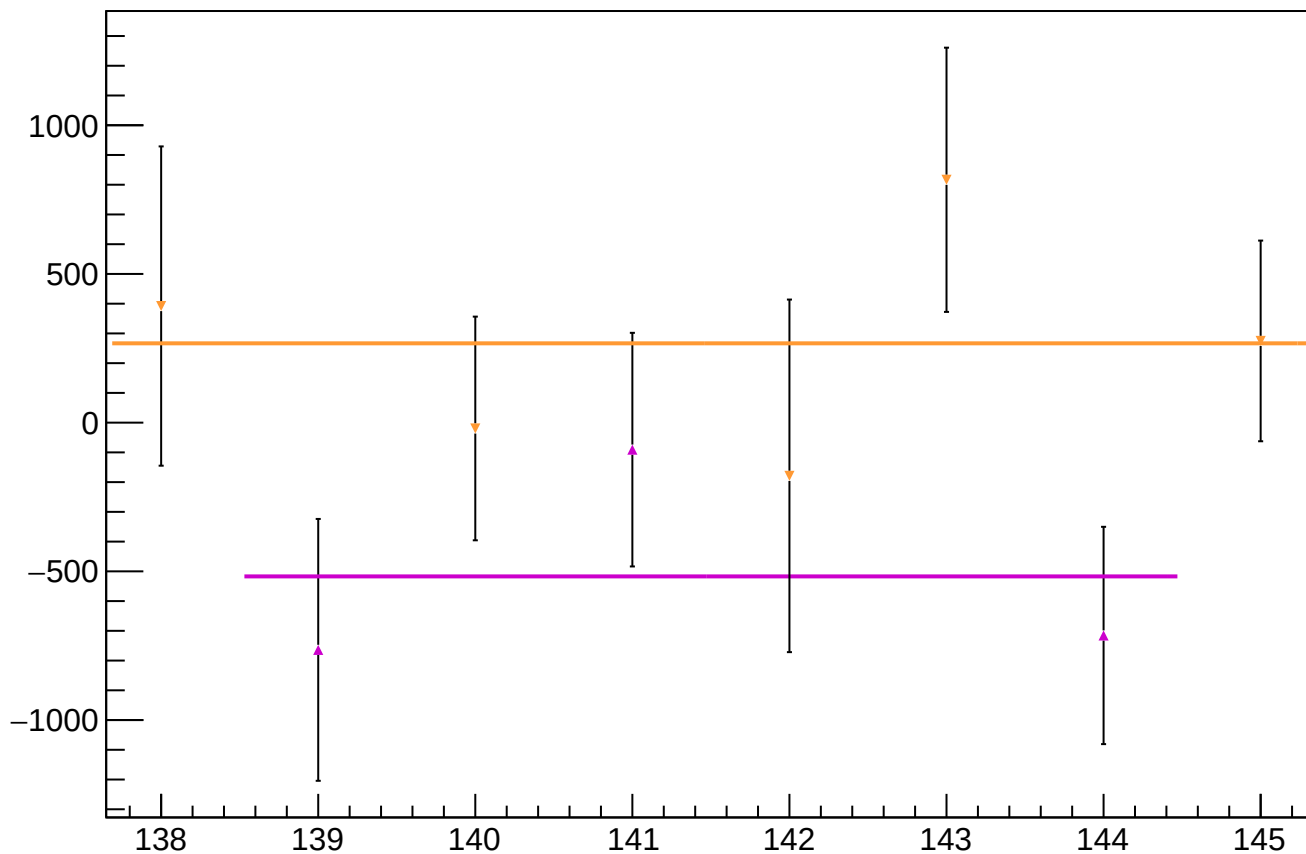
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 67.891+/-0.031 χ^2/NDF :4846.5/2

Out: 65.713+/-0.026 χ^2/NDF :209661.3/4

All: 66.613+/-0.020 χ^2/NDF : 217465.4/7

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: 266.689+/-191.596 χ^2/NDF : 2.7/4

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

Left In: -516.985+/-228.609 χ^2/NDF : 1.8/2

Left: -56.651+/-146.843 χ^2/NDF : 11.4/7

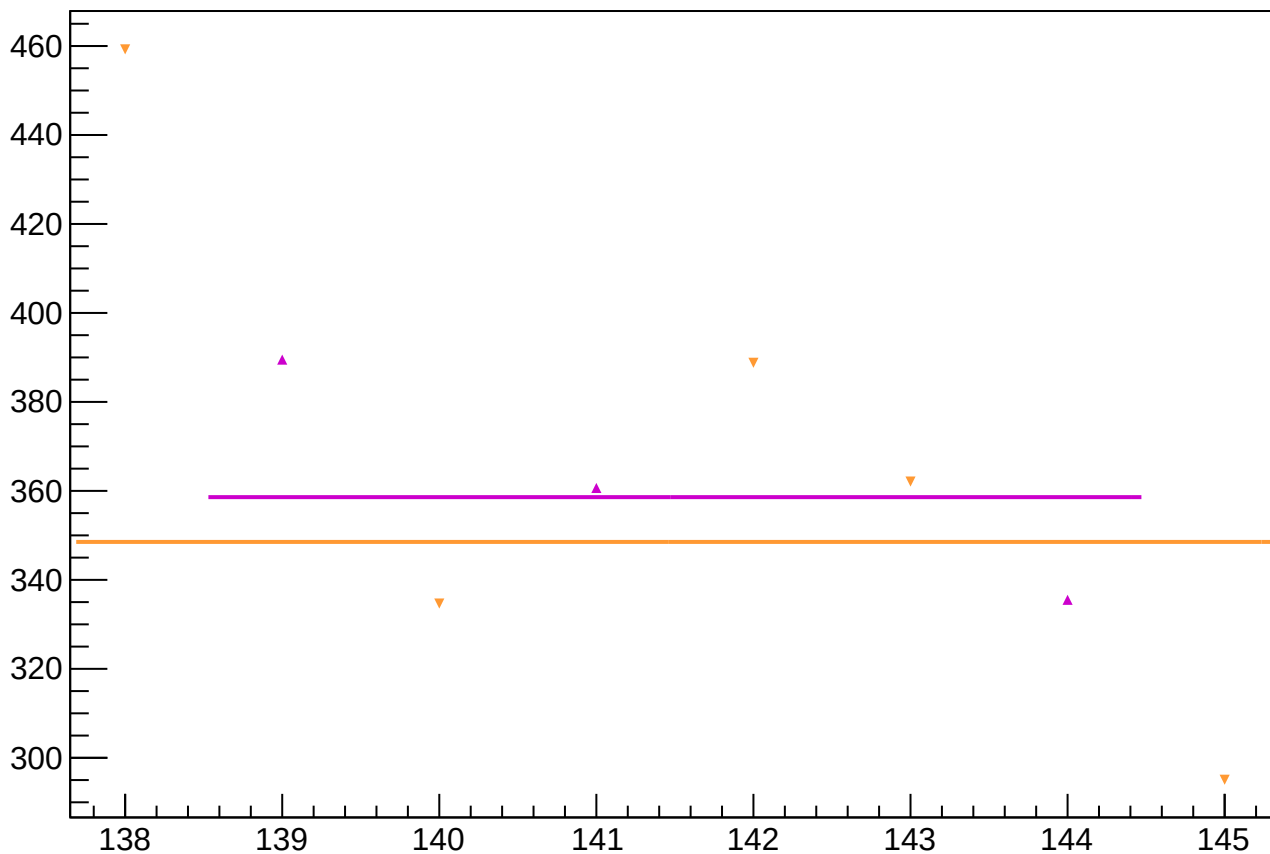
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -516.985+/-228.609 χ^2/NDF : 1.8/2

Out: 266.689+/-191.596 χ^2/NDF : 2.7/4

All: -56.651+/-146.843 χ^2/NDF : 11.4/7

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 348.530+/-0.135 χ^2/NDF :149114.7/4

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

Left In: 358.596+/-0.162 χ^2/NDF :17898.3/2

Left: 352.683+/-0.104 χ^2/NDF : 169290.7/7

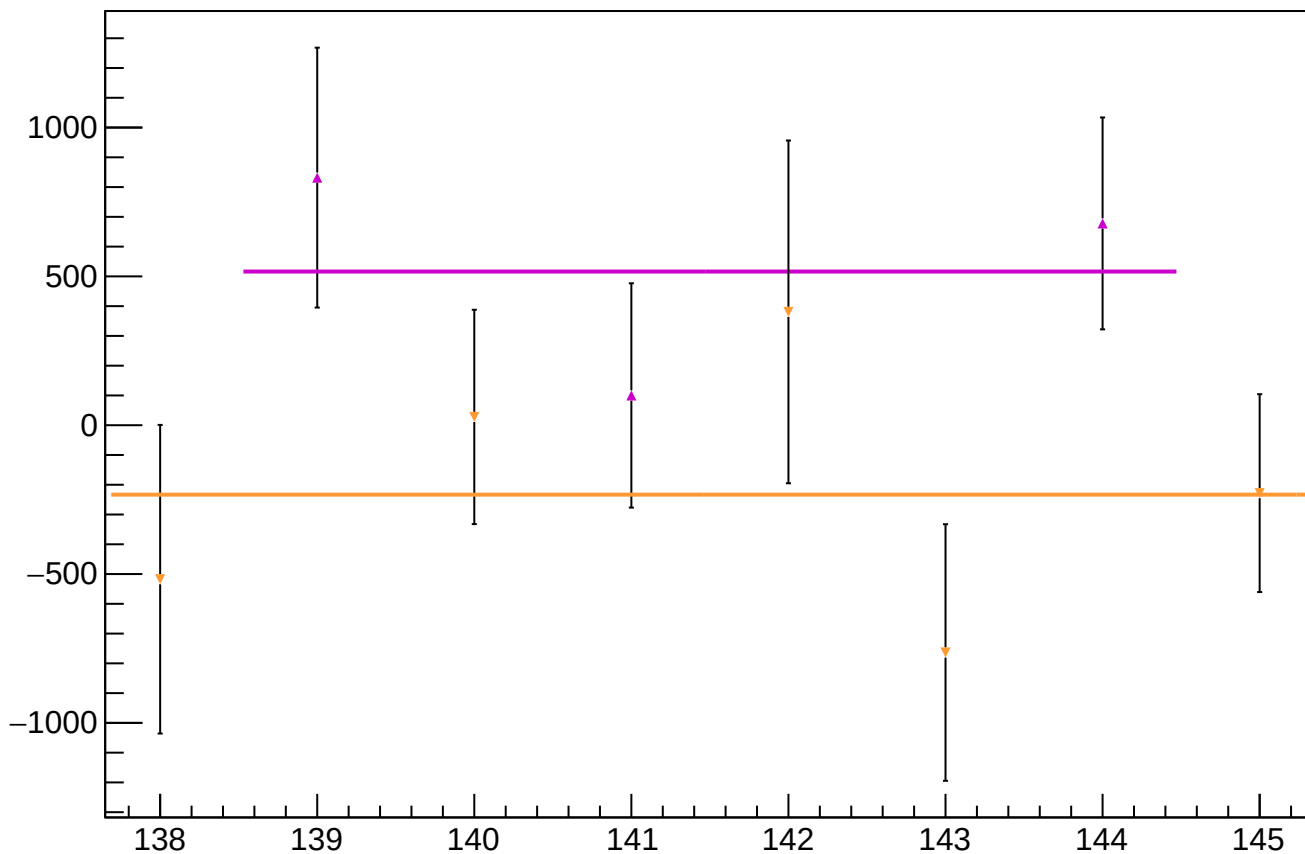
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 358.596+/-0.162 χ^2/NDF :17898.3/2

Out: 348.530+/-0.135 χ^2/NDF :149114.7/4

All: 352.683+/-0.104 χ^2/NDF : 169290.7/7

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -233.245+/-186.048 χ^2/NDF : 3.5/4

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

Left In: 516.244+/-222.577 χ^2/NDF : 1.9/2

Left: 75.031+/-142.747 χ^2/NDF : 12.1/7

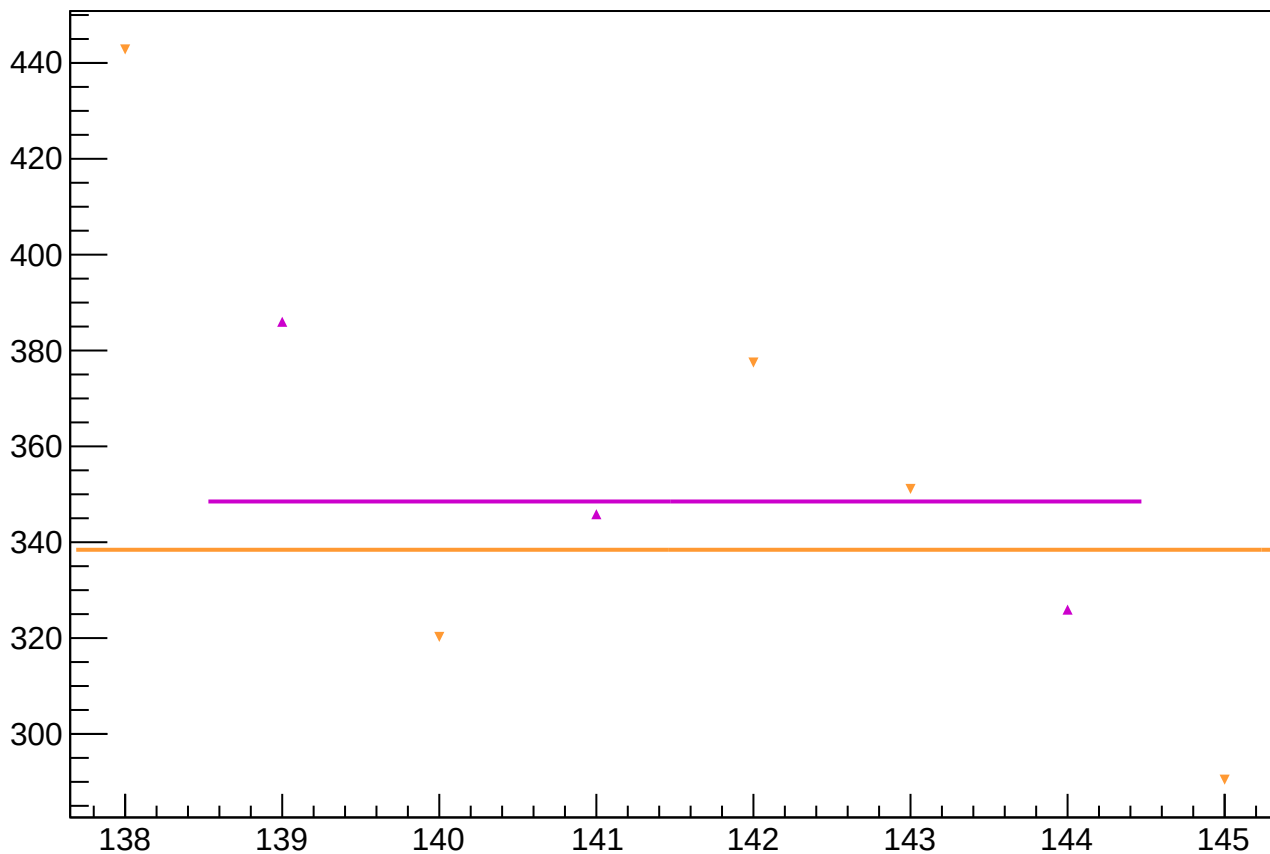
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 516.244+/-222.577 χ^2/NDF : 1.9/2

Out: -233.245+/-186.048 χ^2/NDF : 3.5/4

All: 75.031+/-142.747 χ^2/NDF : 12.1/7

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 338.427 ± 0.132 χ^2/NDF : 138812.8/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 348.501 ± 0.157 χ^2/NDF : 22891.6/2

Left: 342.571 ± 0.101 χ^2/NDF : 164116.2/7

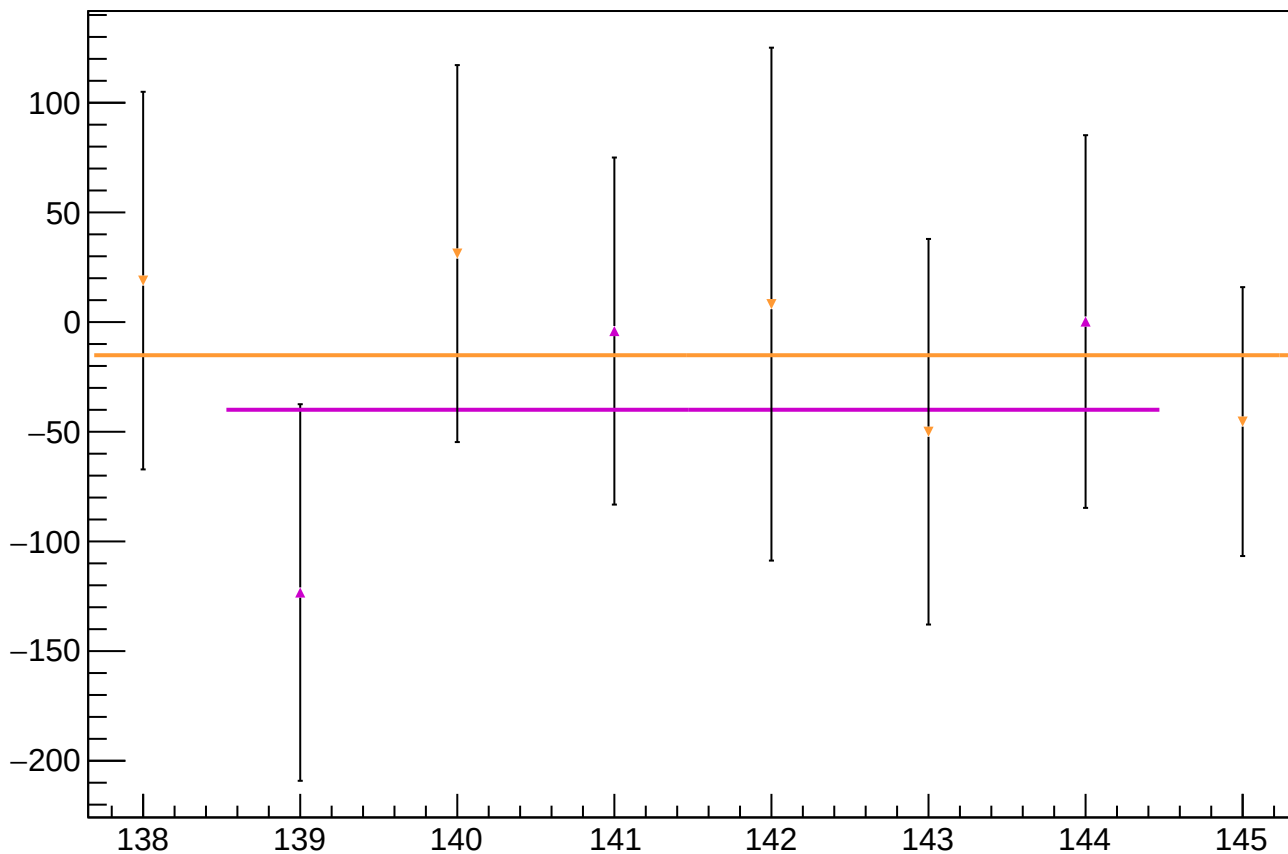
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 348.501 ± 0.157 χ^2/NDF : 22891.6/2

Out: 338.427 ± 0.132 χ^2/NDF : 138812.8/4

All: 342.571 ± 0.101 χ^2/NDF : 164116.2/7

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: -15.104+/-36.782 χ^2/NDF : 0.9/4

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

Left In: -39.970+/-48.001 χ^2/NDF : 1.4/2

Left: -24.303+/-29.196 χ^2/NDF : 2.4/7

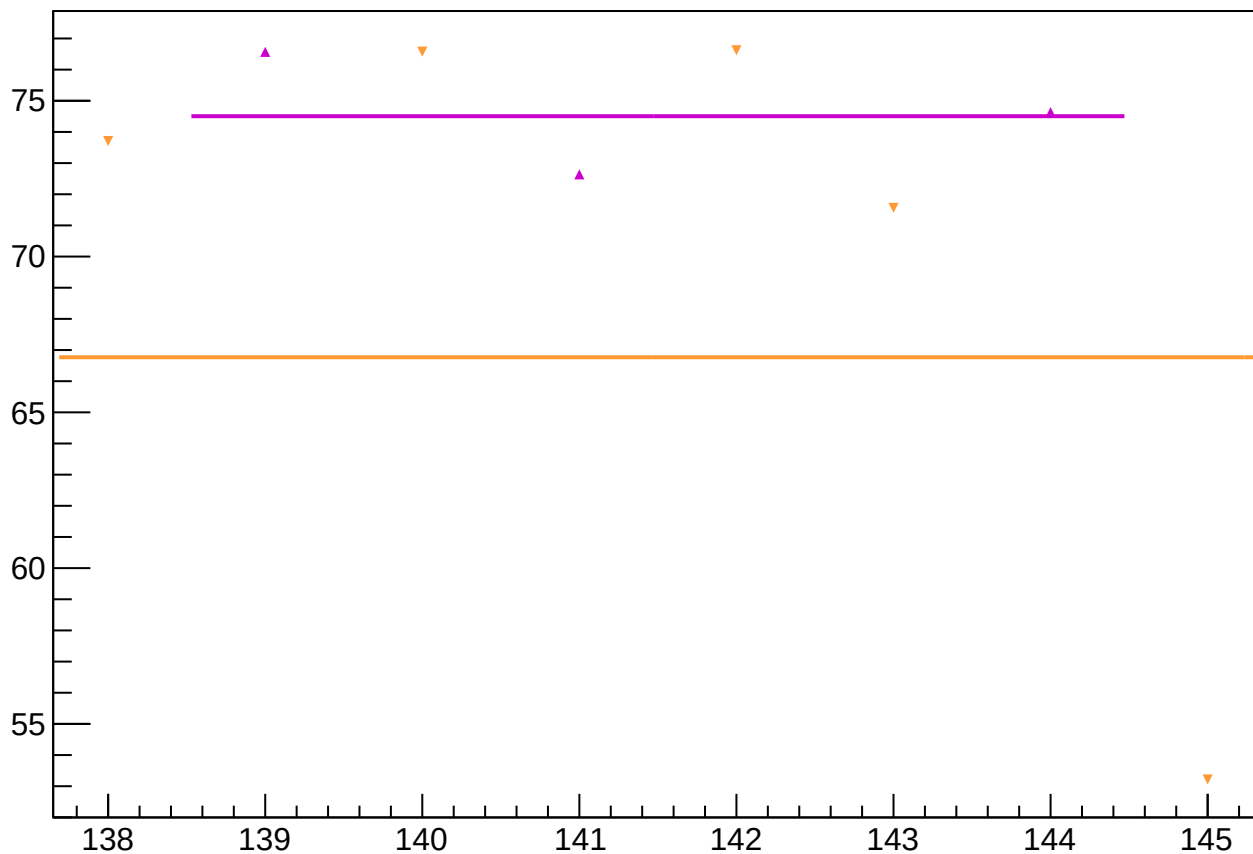
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.970+/-48.001 χ^2/NDF : 1.4/2

Out: -15.104+/-36.782 χ^2/NDF : 0.9/4

All: -24.303+/-29.196 χ^2/NDF : 2.4/7

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 66.768+/-0.026 χ^2/NDF :156963.4/4

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

Left In: 74.505+/-0.034 χ^2/NDF :2275.5/2

Left: 69.630+/-0.021 χ^2/NDF : 191980.5/7

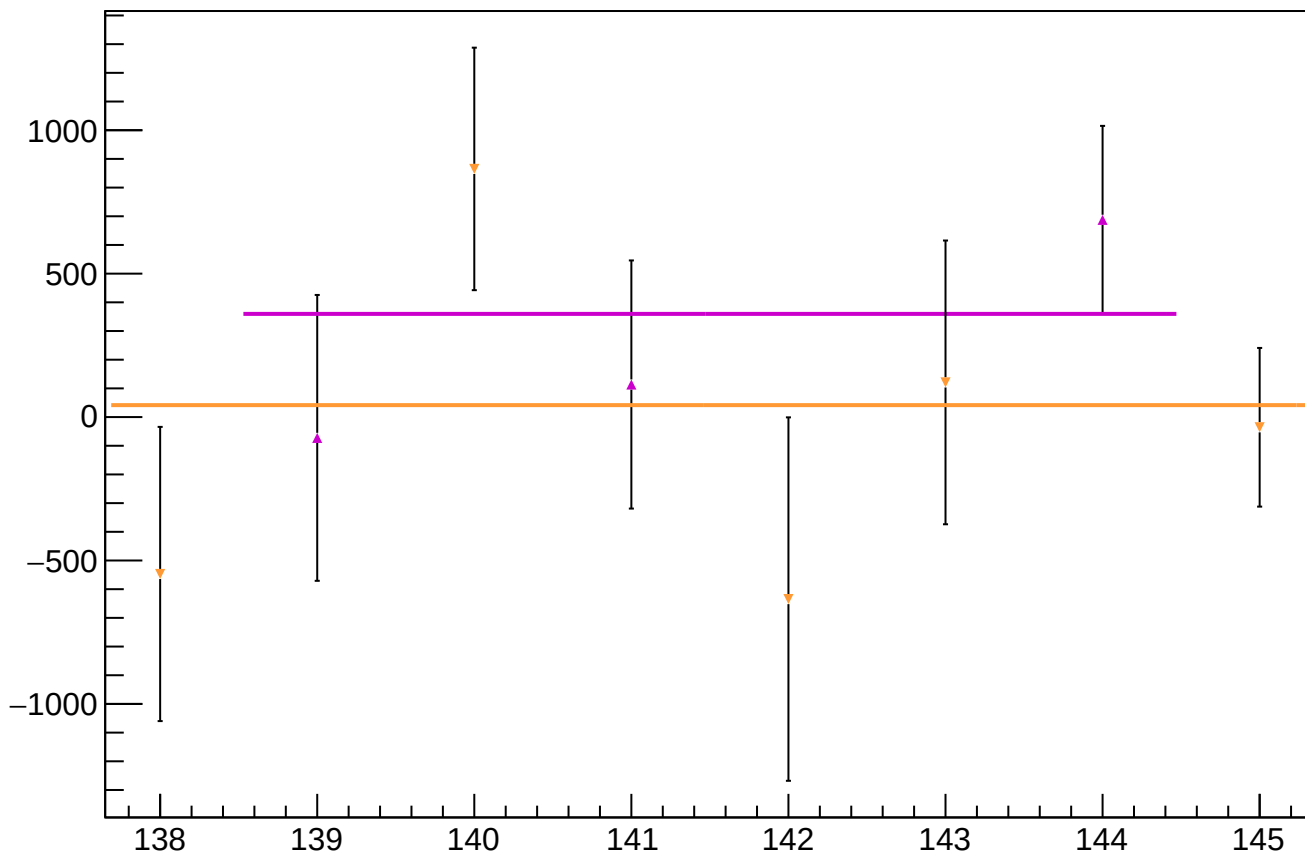
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 74.505+/-0.034 χ^2/NDF :2275.5/2

Out: 66.768+/-0.026 χ^2/NDF :156963.4/4

All: 69.630+/-0.021 χ^2/NDF : 191980.5/7

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: 41.621+/-185.528 χ^2/NDF :6.4/4

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

Left In: 359.686+/-231.275 χ^2/NDF :2.1/2

Left: 166.160+/-144.718 χ^2/NDF : 9.6/7

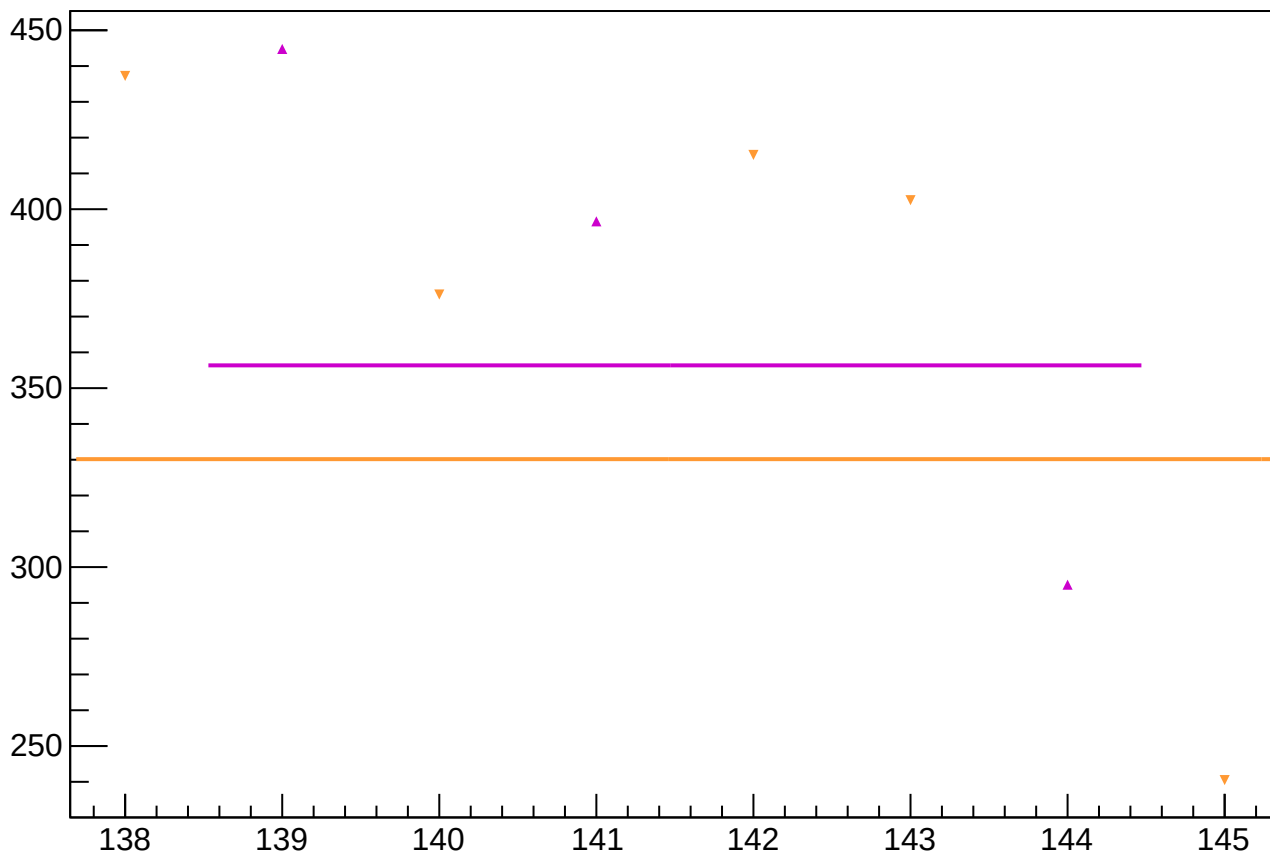
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.686+/-231.275 χ^2/NDF :2.1/2

Out: 41.621+/-185.528 χ^2/NDF :6.4/4

All: 166.160+/-144.718 χ^2/NDF : 9.6/7

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 330.162+/-0.131 χ^2/NDF :399973.3/4

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

Left In: 356.366+/-0.164 χ^2/NDF :150303.1/2

Left: 340.422+/-0.102 χ^2/NDF : 565898.7/7

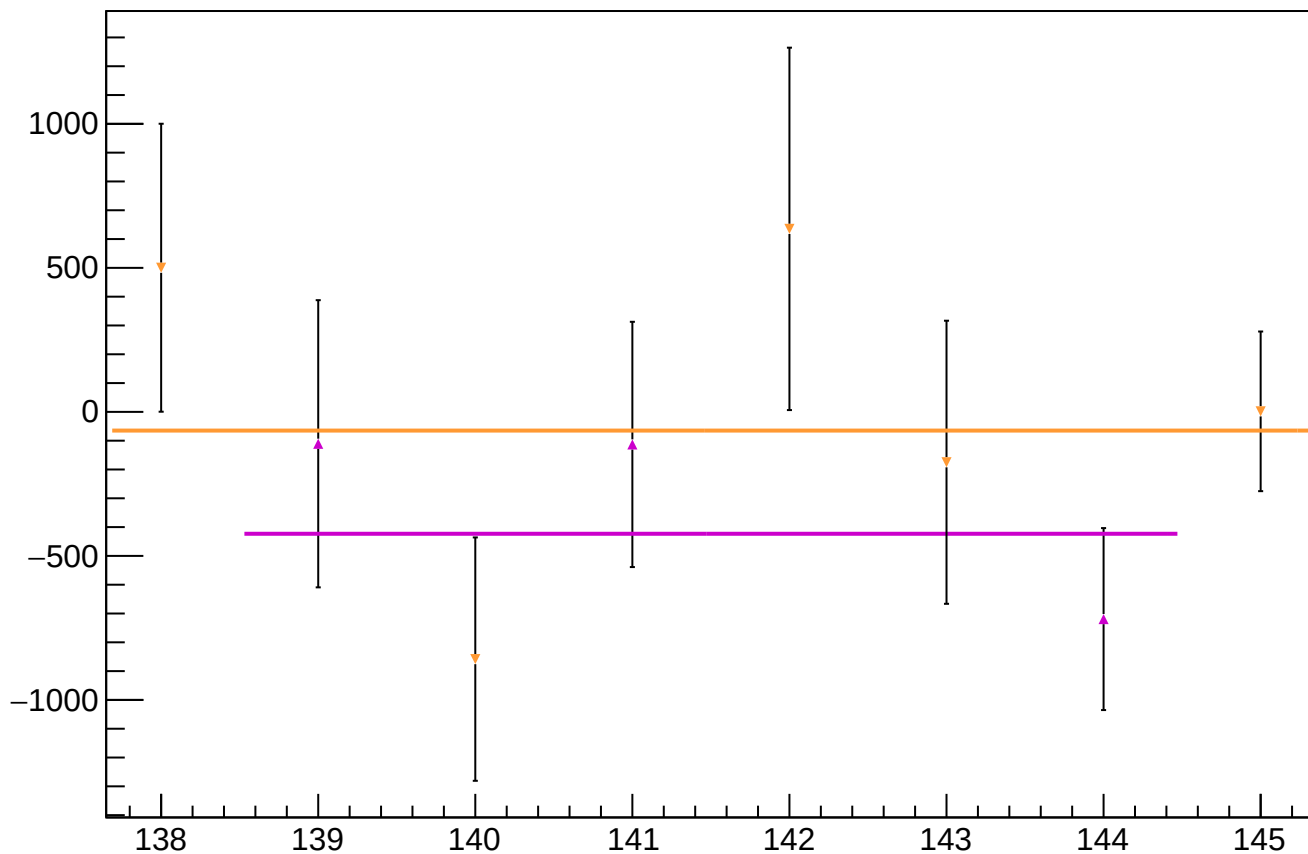
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.366+/-0.164 χ^2/NDF :150303.1/2

Out: 330.162+/-0.131 χ^2/NDF :399973.3/4

All: 340.422+/-0.102 χ^2/NDF : 565898.7/7

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -64.881 ± 184.759 χ^2/NDF : 6.2/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -423.164 ± 226.091 χ^2/NDF : 1.8/2

Left: -208.340 ± 143.065 χ^2/NDF : 9.5/7

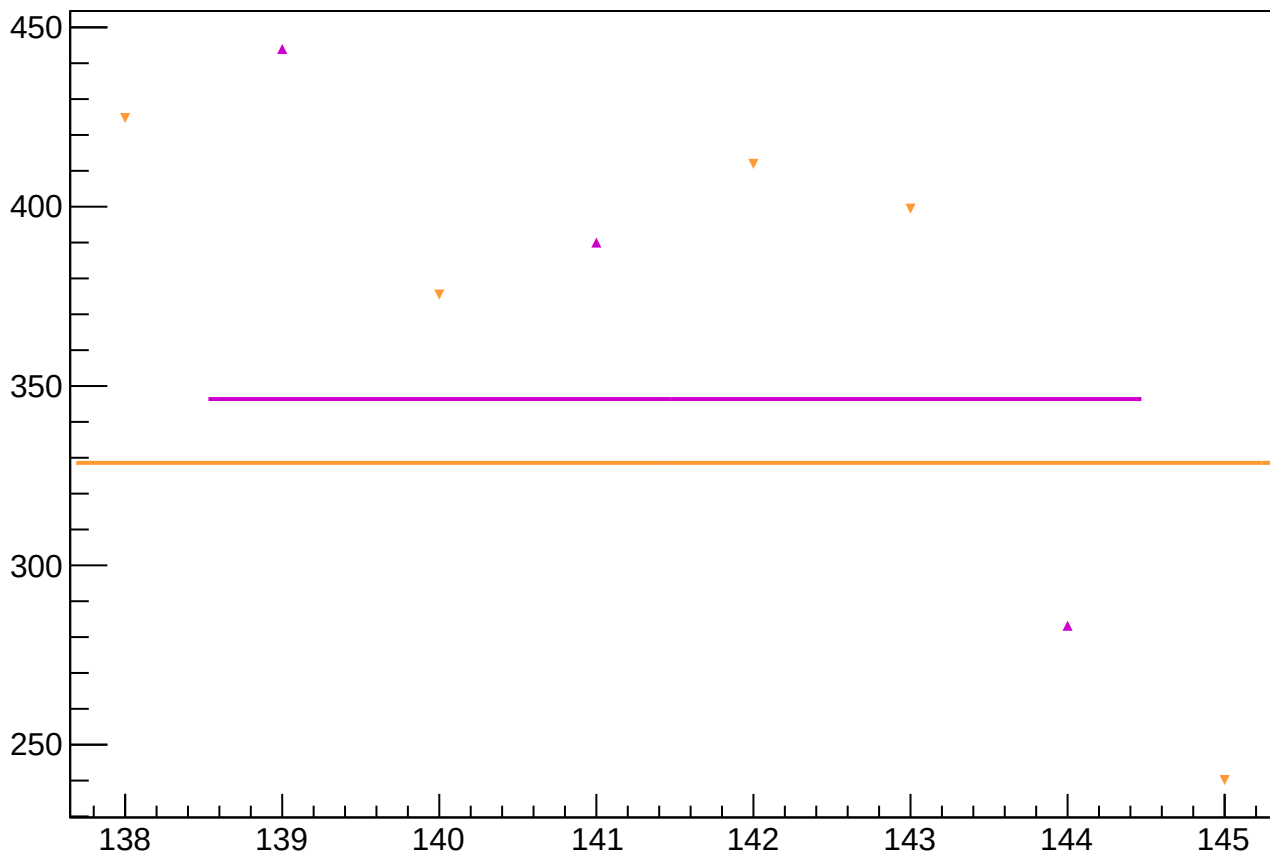
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -423.164 ± 226.091 χ^2/NDF : 1.8/2

Out: -64.881 ± 184.759 χ^2/NDF : 6.2/4

All: -208.340 ± 143.065 χ^2/NDF : 9.5/7

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 328.578+/-0.131 χ^2/NDF :379092.1/4

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

Left In: 346.369+/-0.160 χ^2/NDF :177766.7/2

Left: 335.702+/-0.101 χ^2/NDF : 564284.9/7

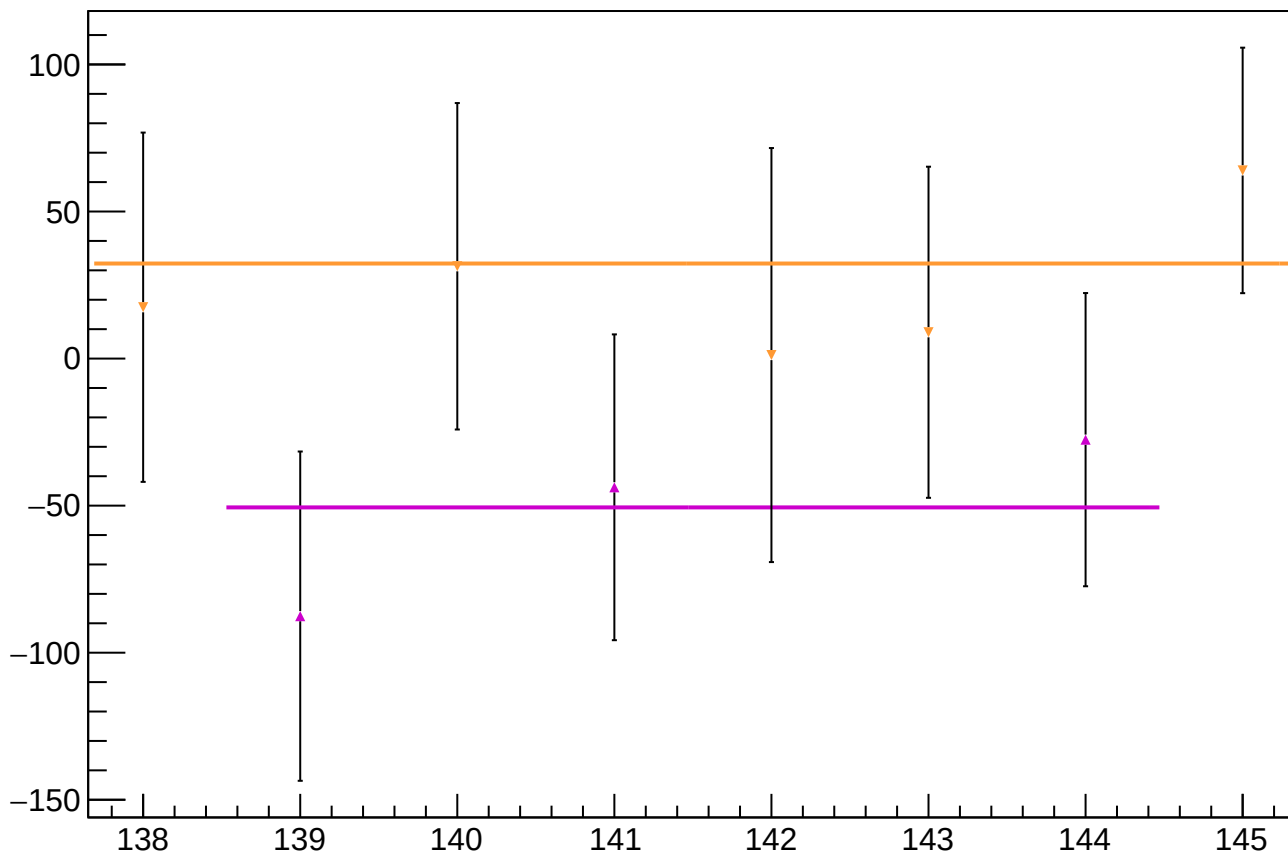
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.369+/-0.160 χ^2/NDF :177766.7/2

Out: 328.578+/-0.131 χ^2/NDF :379092.1/4

All: 335.702+/-0.101 χ^2/NDF : 564284.9/7

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 32.317 $\pm$ 24.254 χ^2 /NDF:1.0/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -50.600 $\pm$ 30.267 χ^2 /NDF:0.7/2

Left: -0.108 $\pm$ 18.927 χ^2 /NDF: 6.2/7

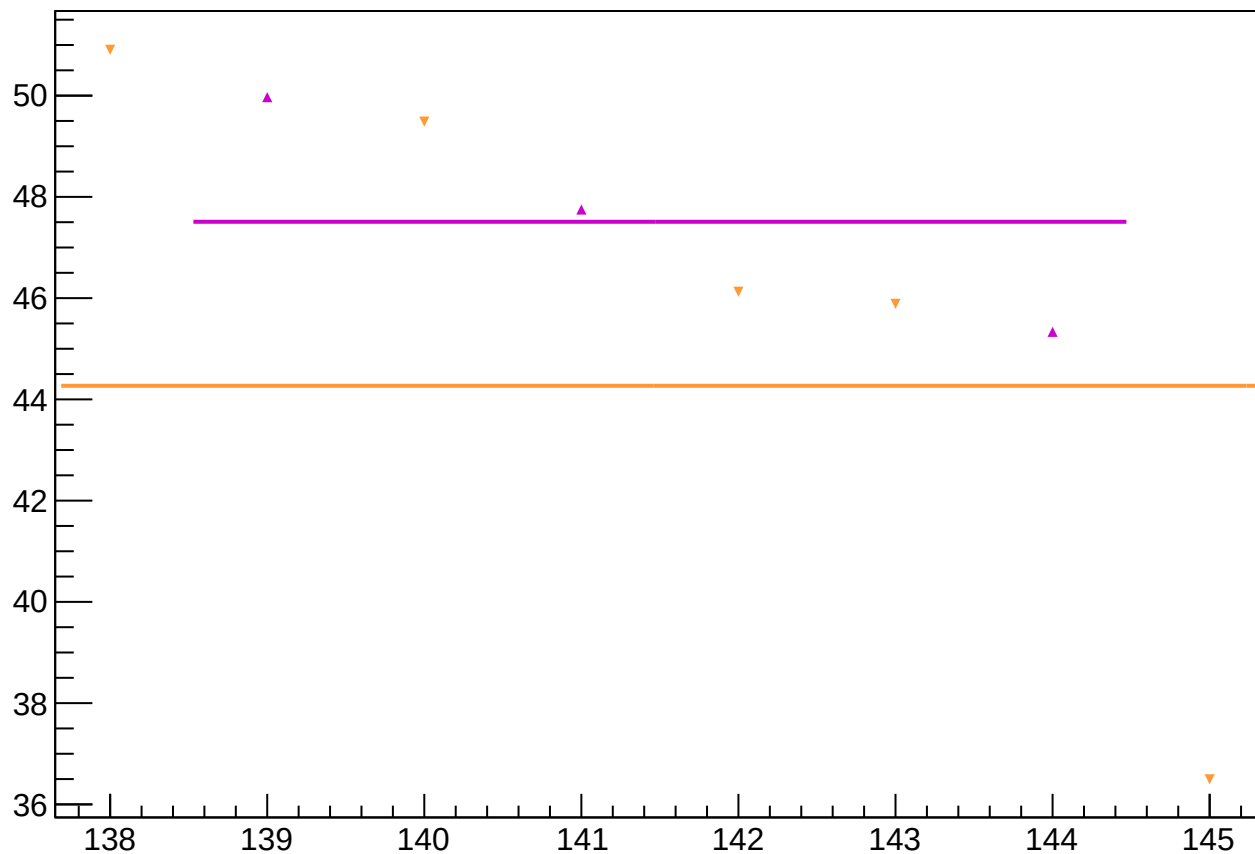
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -50.600 $\pm$ 30.267 χ^2 /NDF:0.7/2

Out: 32.317 $\pm$ 24.254 χ^2 /NDF:1.0/4

All: -0.108 $\pm$ 18.927 χ^2 /NDF: 6.2/7

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 44.268+/-0.017 χ^2/NDF :115098.7/4

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

Left In: 47.508+/-0.021 χ^2/NDF :7714.7/2

Left: 45.535+/-0.013 χ^2/NDF : 136768.4/7

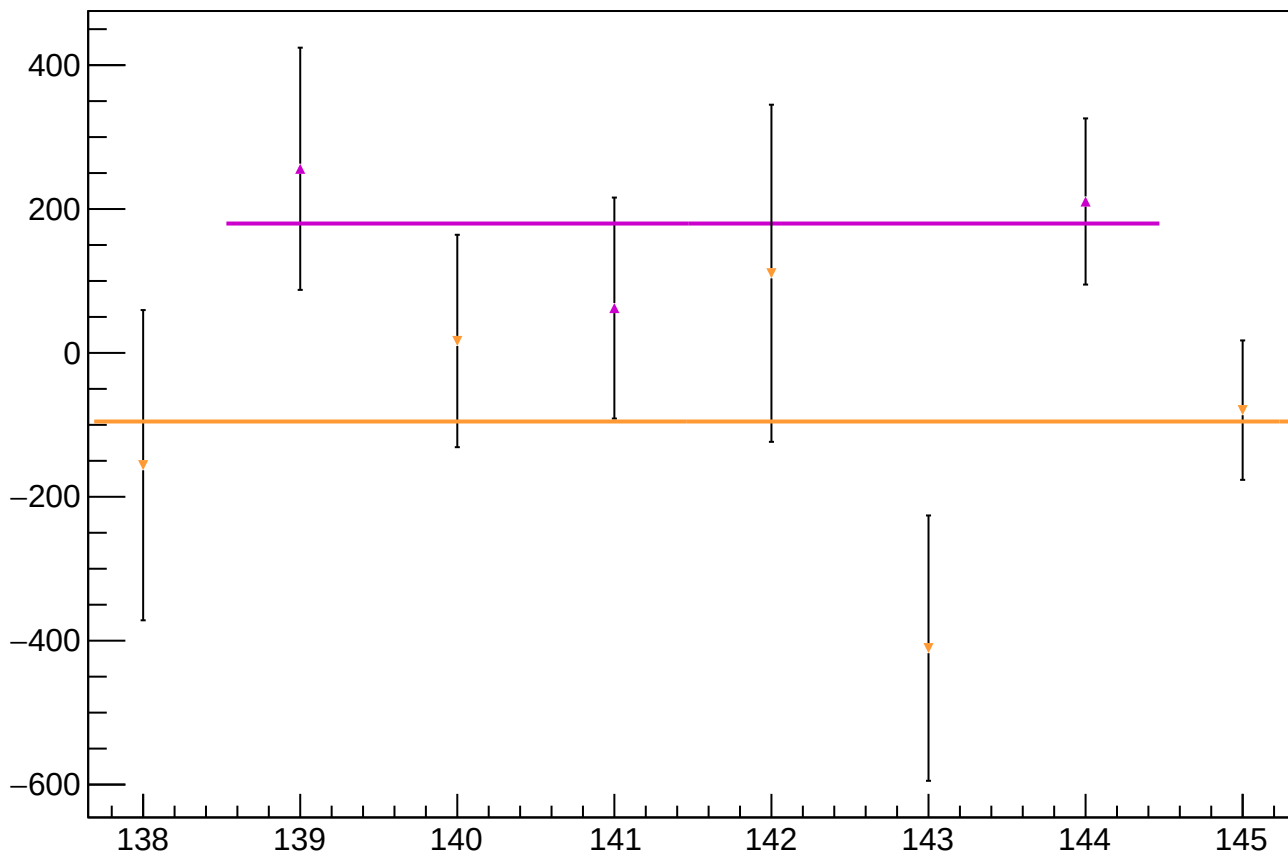
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.508+/-0.021 χ^2/NDF :7714.7/2

Out: 44.268+/-0.017 χ^2/NDF :115098.7/4

All: 45.535+/-0.013 χ^2/NDF : 136768.4/7

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -95.336 $\pm$ 67.186 χ^2 /NDF:4.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 179.842 $\pm$ 80.932 χ^2 /NDF:0.9/2

Left: 16.933 $\pm$ 51.695 χ^2 /NDF: 12.1/7

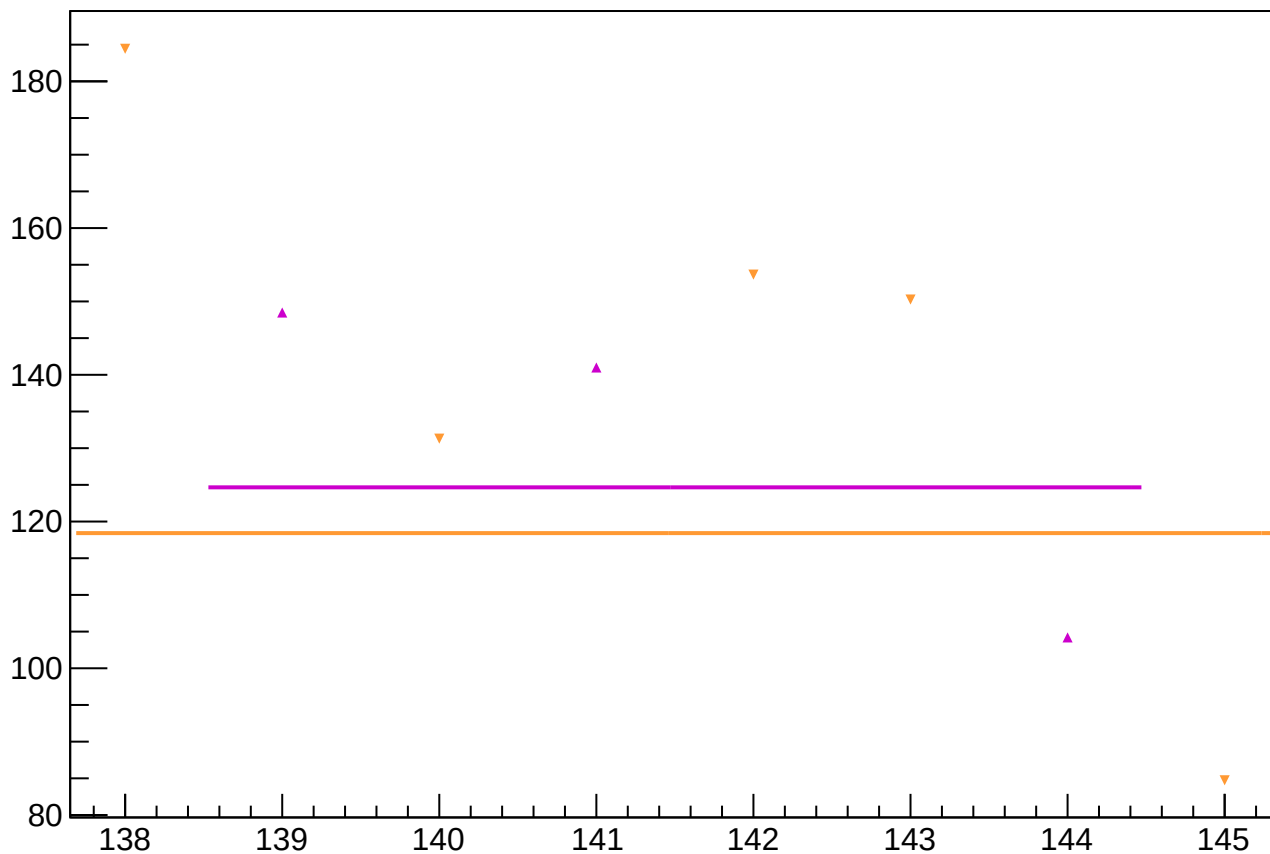
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 179.842 $\pm$ 80.932 χ^2 /NDF:0.9/2

Out: -95.336 $\pm$ 67.186 χ^2 /NDF:4.4/4

All: 16.933 $\pm$ 51.695 χ^2 /NDF: 12.1/7

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 118.424+/-0.048 χ^2/NDF :549332.1/4

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

Left In: 124.661+/-0.057 χ^2/NDF :125446.6/2

Left: 120.969+/-0.037 χ^2/NDF : 681811.8/7

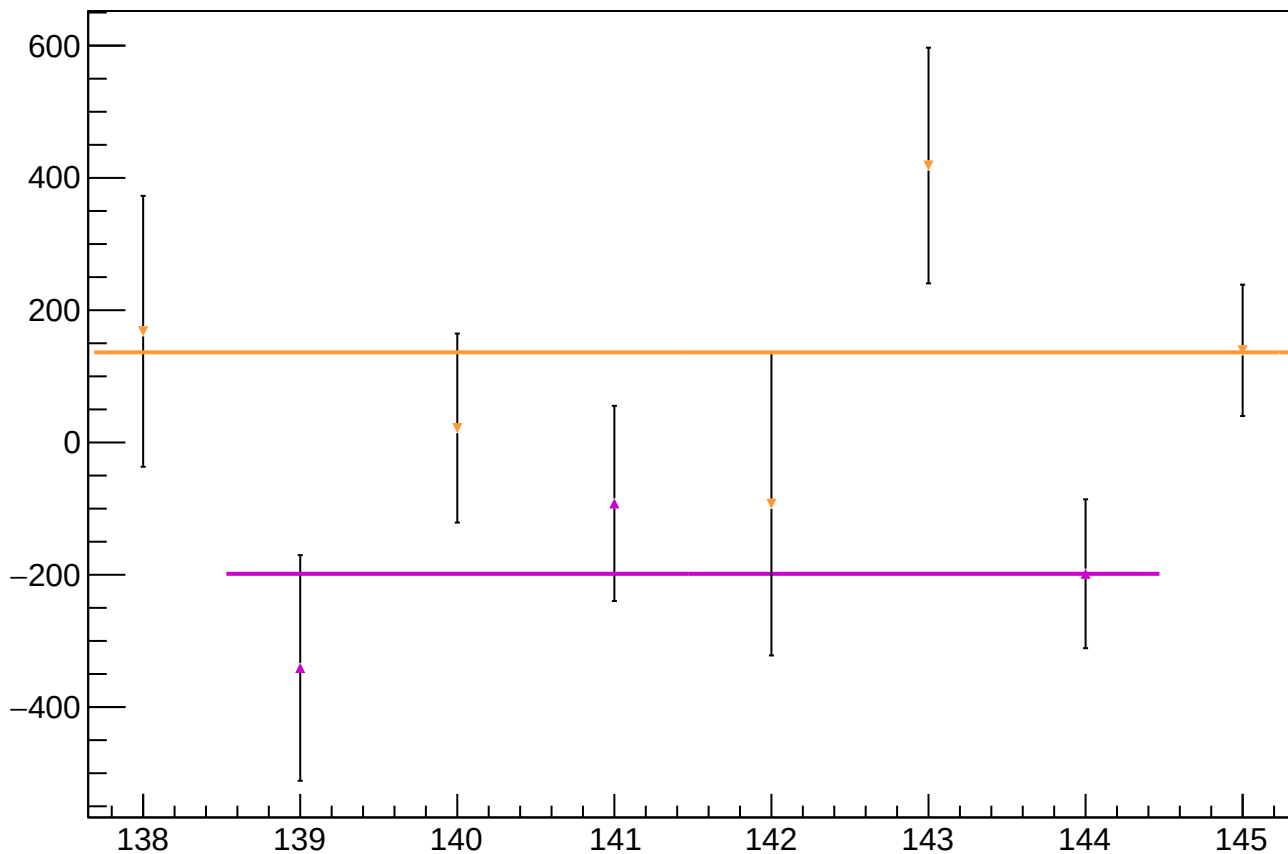
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 124.661+/-0.057 χ^2/NDF :125446.6/2

Out: 118.424+/-0.048 χ^2/NDF :549332.1/4

All: 120.969+/-0.037 χ^2/NDF : 681811.8/7

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 136.268+/-66.711 χ^2/NDF : 4.2/4

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

Left In: -198.523+/-79.254 χ^2/NDF : 1.2/2

Left: -2.570+/-51.037 χ^2/NDF : 15.8/7

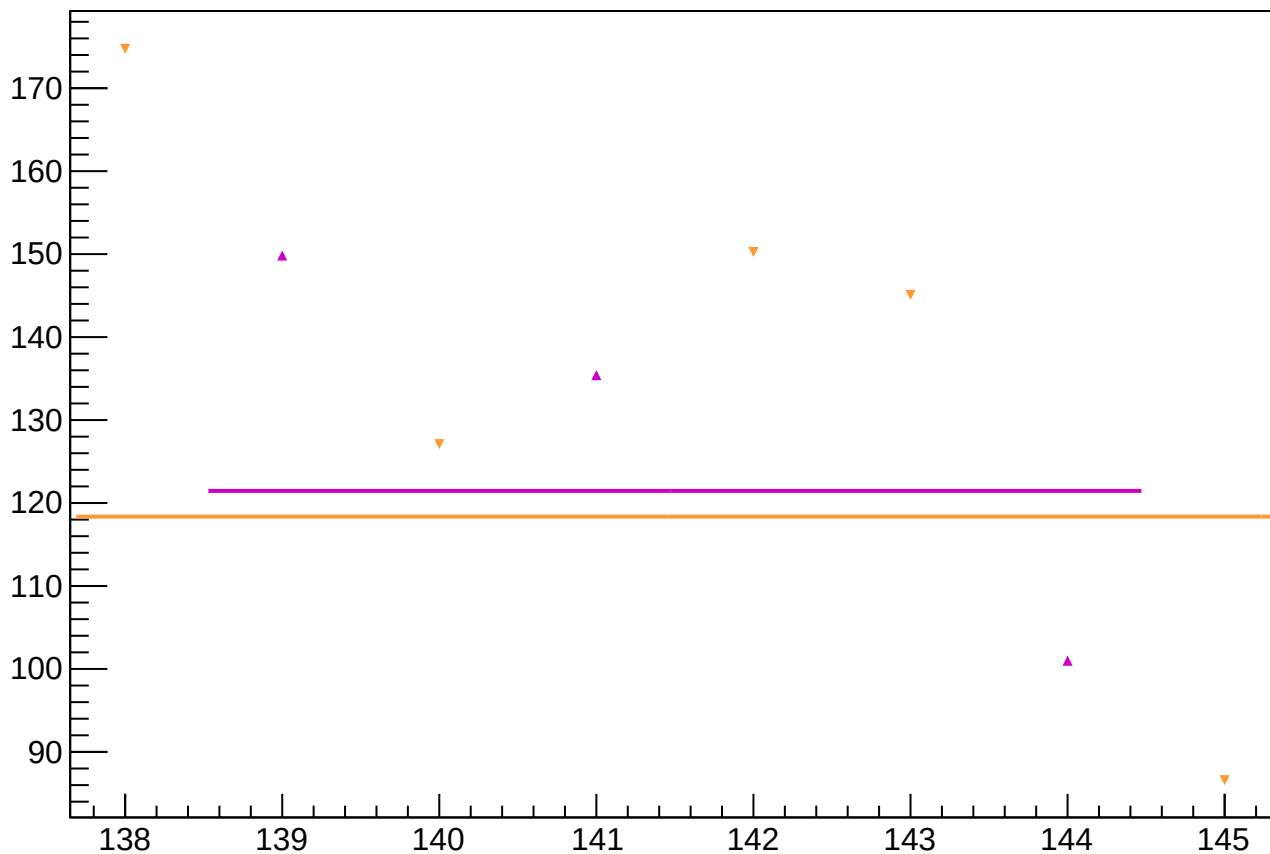
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.523+/-79.254 χ^2/NDF : 1.2/2

Out: 136.268+/-66.711 χ^2/NDF : 4.2/4

All: -2.570+/-51.037 χ^2/NDF : 15.8/7

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 118.359+/-0.047 χ^2/NDF : 447379.6/4

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

Left In: 121.460+/-0.056 χ^2/NDF : 139335.1/2

Left: 119.645+/-0.036 χ^2/NDF : 588507.1/7

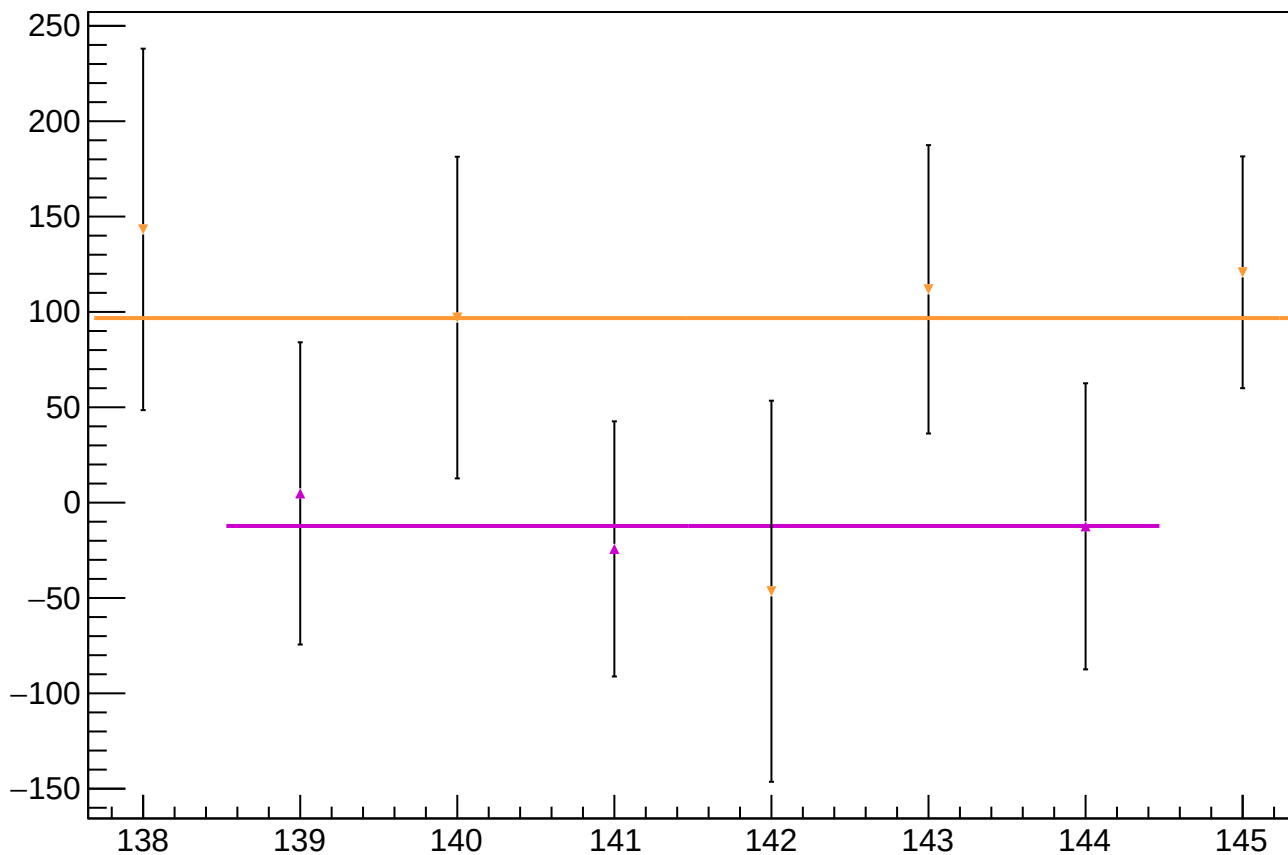
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.460+/-0.056 χ^2/NDF : 139335.1/2

Out: 118.359+/-0.047 χ^2/NDF : 447379.6/4

All: 119.645+/-0.036 χ^2/NDF : 588507.1/7

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 96.780 $\pm$ 35.404 χ^2 /NDF:2.5/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -12.238 $\pm$ 42.241 χ^2 /NDF:0.1/2

Left: 51.796 $\pm$ 27.134 χ^2 /NDF: 6.5/7

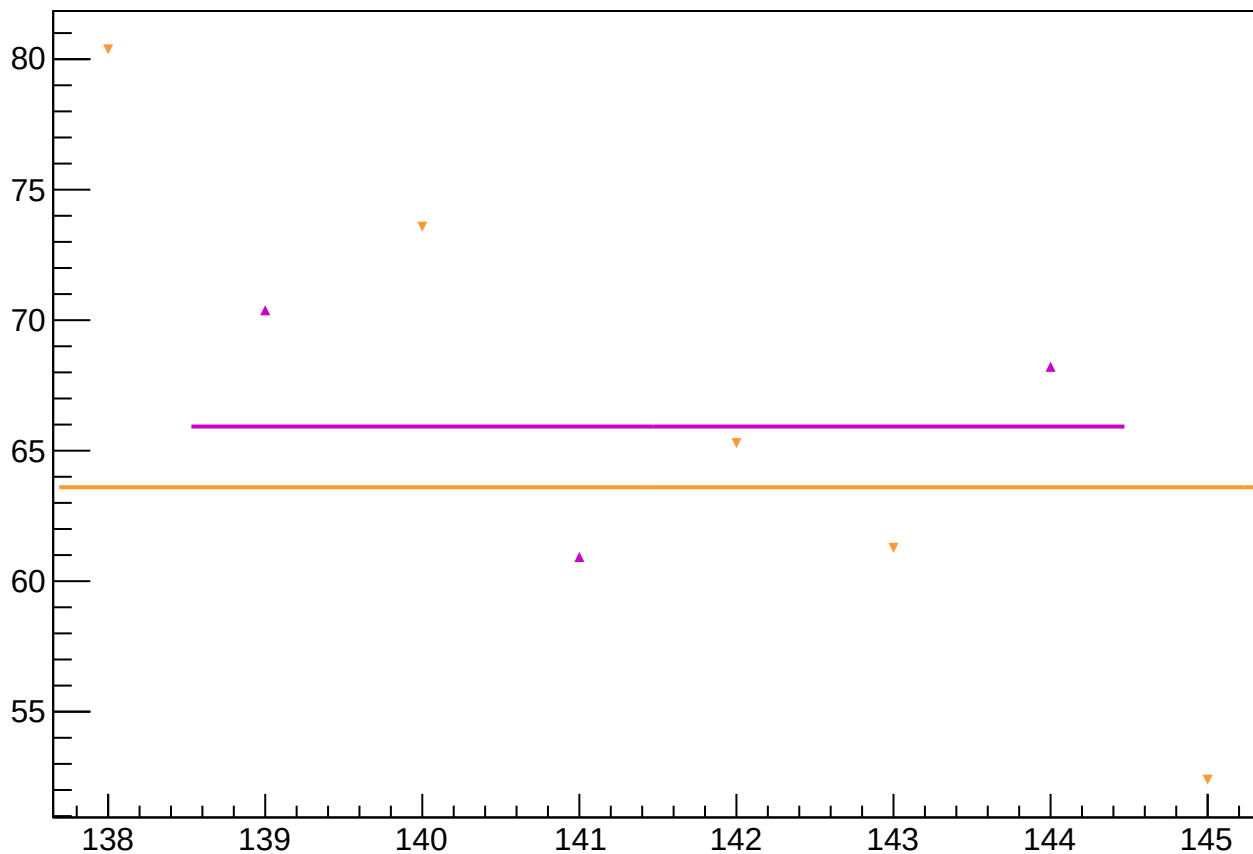
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.238 $\pm$ 42.241 χ^2 /NDF:0.1/2

Out: 96.780 $\pm$ 35.404 χ^2 /NDF:2.5/4

All: 51.796 $\pm$ 27.134 χ^2 /NDF: 6.5/7

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 63.600+/-0.025 χ^2/NDF :161117.6/4

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

Left In: 65.925+/-0.030 χ^2/NDF :19346.8/2

Left: 64.559+/-0.019 χ^2/NDF : 184021.4/7

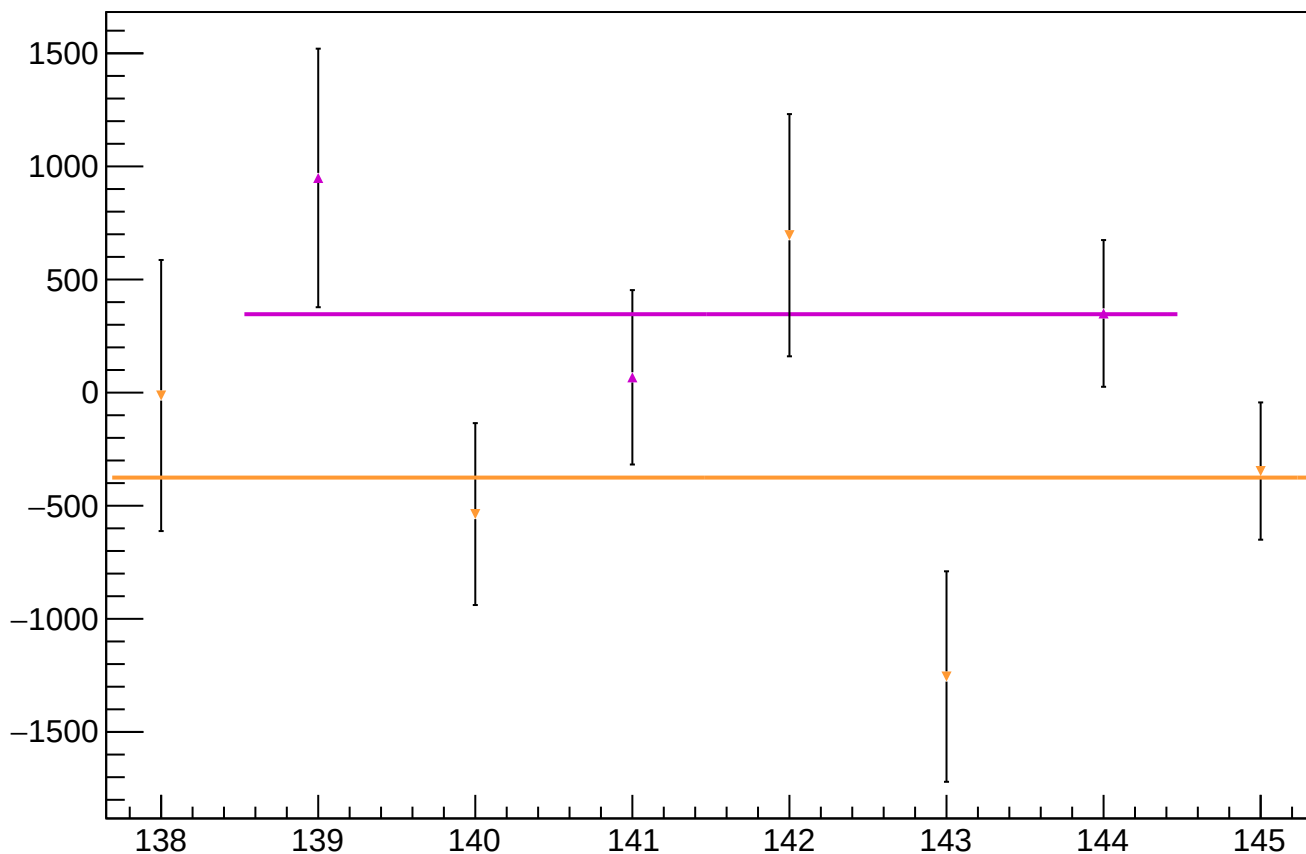
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.925+/-0.030 χ^2/NDF :19346.8/2

Out: 63.600+/-0.025 χ^2/NDF :161117.6/4

All: 64.559+/-0.019 χ^2/NDF : 184021.4/7

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -375.550+/-189.179 χ^2/NDF : 8.1/4

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

Left In: 346.651+/-227.632 χ^2/NDF : 1.6/2

Left: -80.515+/-145.493 χ^2/NDF : 15.7/7

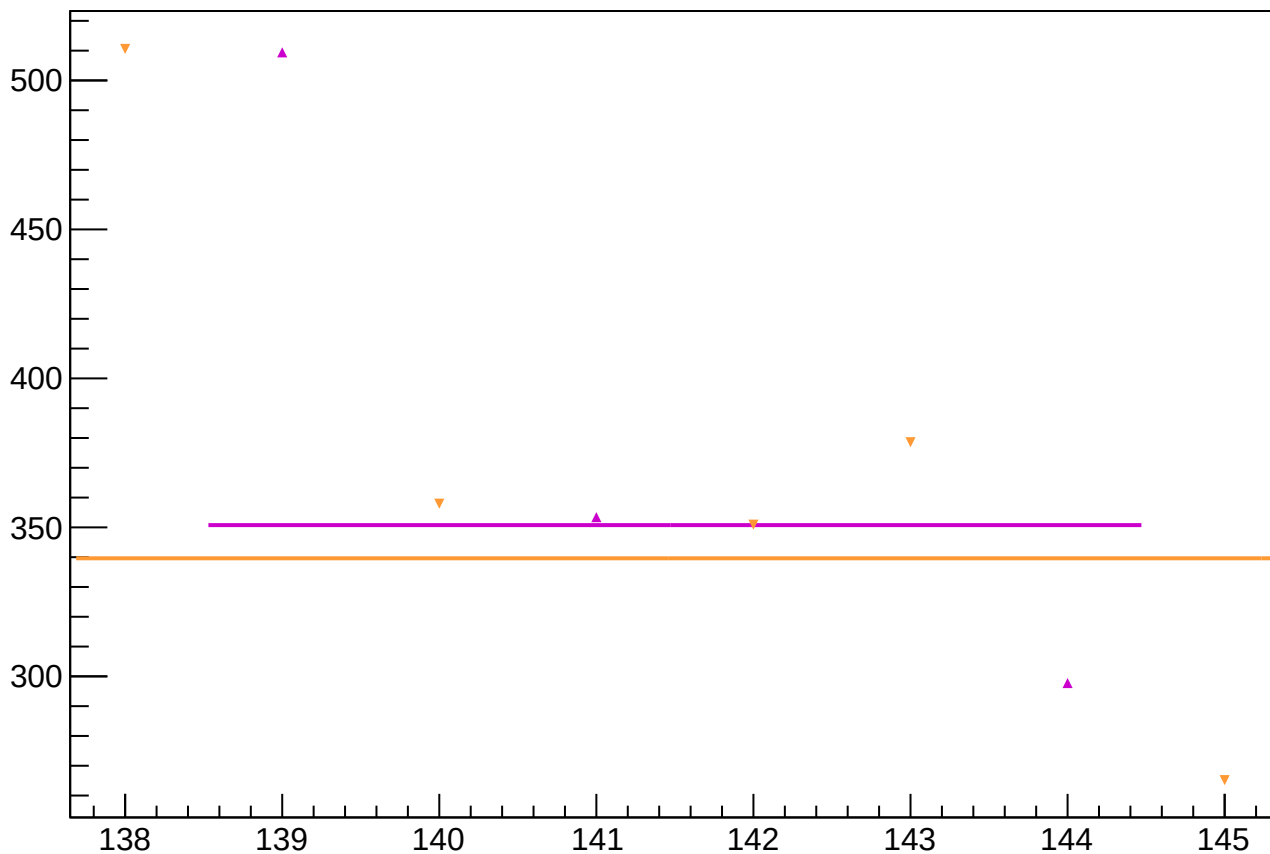
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.651+/-227.632 χ^2/NDF : 1.6/2

Out: -375.550+/-189.179 χ^2/NDF : 8.1/4

All: -80.515+/-145.493 χ^2/NDF : 15.7/7

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 339.624+/-0.134 χ^2/NDF :302297.2/4

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

Left In: 350.759+/-0.161 χ^2/NDF :207672.9/2

Left: 344.173+/-0.103 χ^2/NDF : 512800.5/7

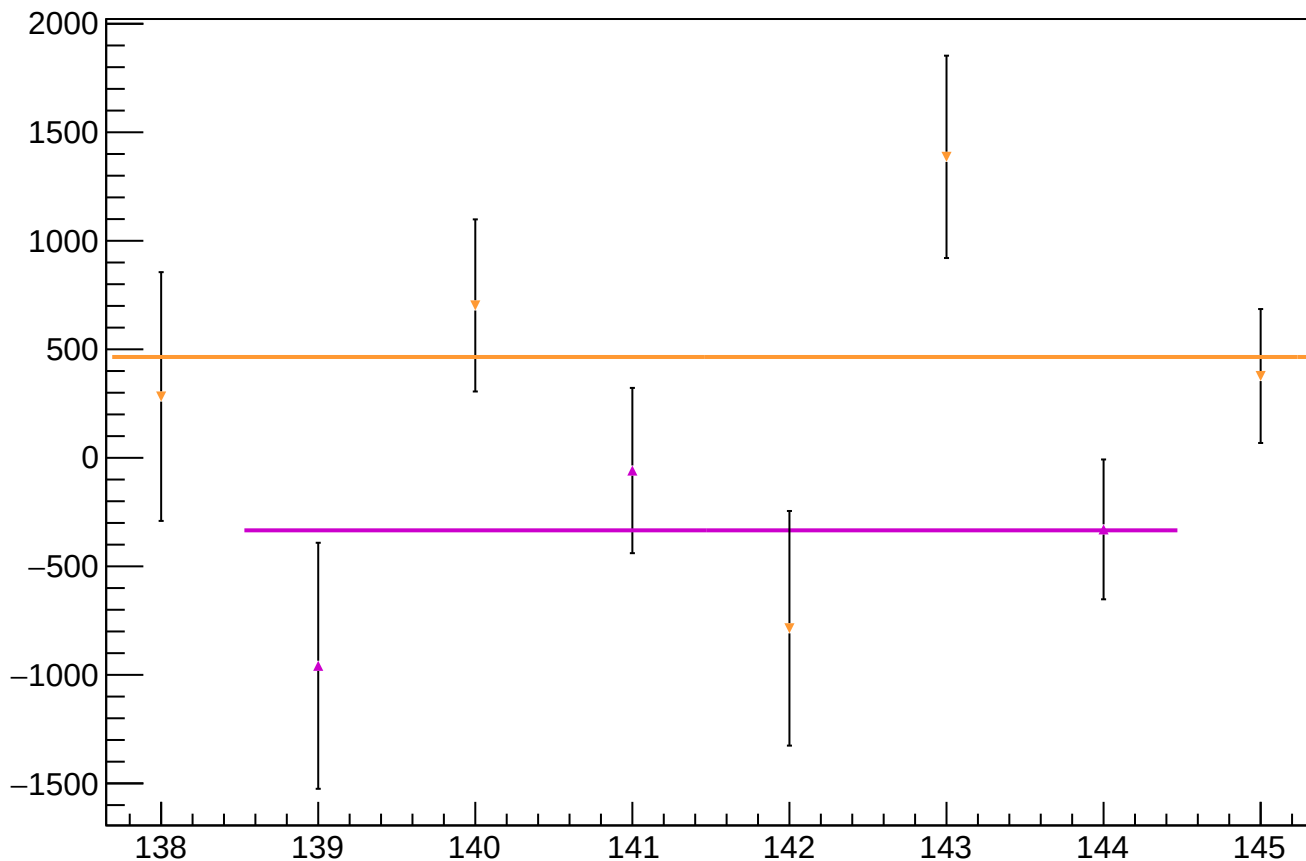
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 350.759+/-0.161 χ^2/NDF :207672.9/2

Out: 339.624+/-0.134 χ^2/NDF :302297.2/4

All: 344.173+/-0.103 χ^2/NDF : 512800.5/7

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 464.679+/-189.219 χ^2/NDF : 9.8/4

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

Left In: -334.054+/-225.609 χ^2/NDF : 1.7/2

Left: 134.845+/-144.978 χ^2/NDF : 18.9/7

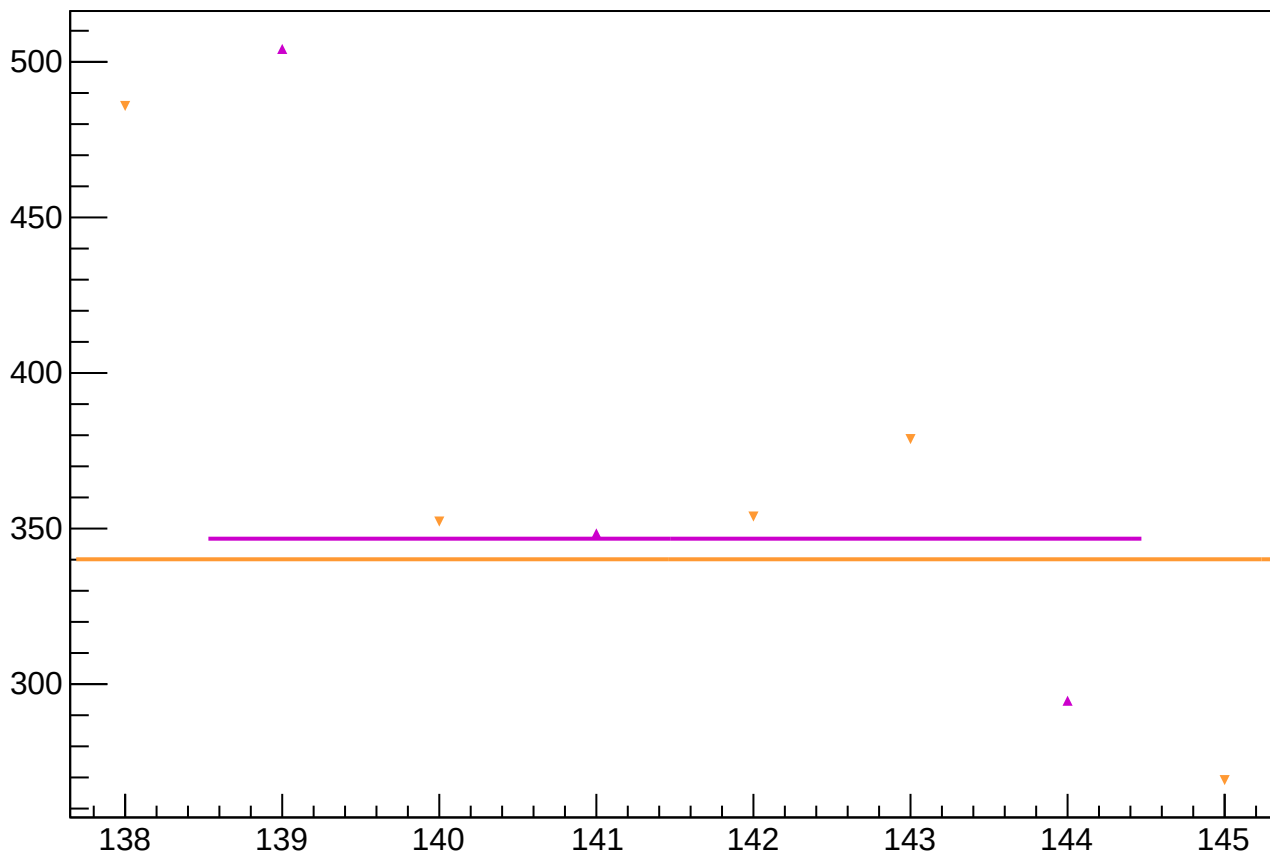
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -334.054+/-225.609 χ^2/NDF : 1.7/2

Out: 464.679+/-189.219 χ^2/NDF : 9.8/4

All: 134.845+/-144.978 χ^2/NDF : 18.9/7

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 340.129+/-0.134 χ^2/NDF :251986.2/4

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

Left In: 346.746+/-0.160 χ^2/NDF :206588.4/2

Left: 342.861+/-0.103 χ^2/NDF : 459584.8/7

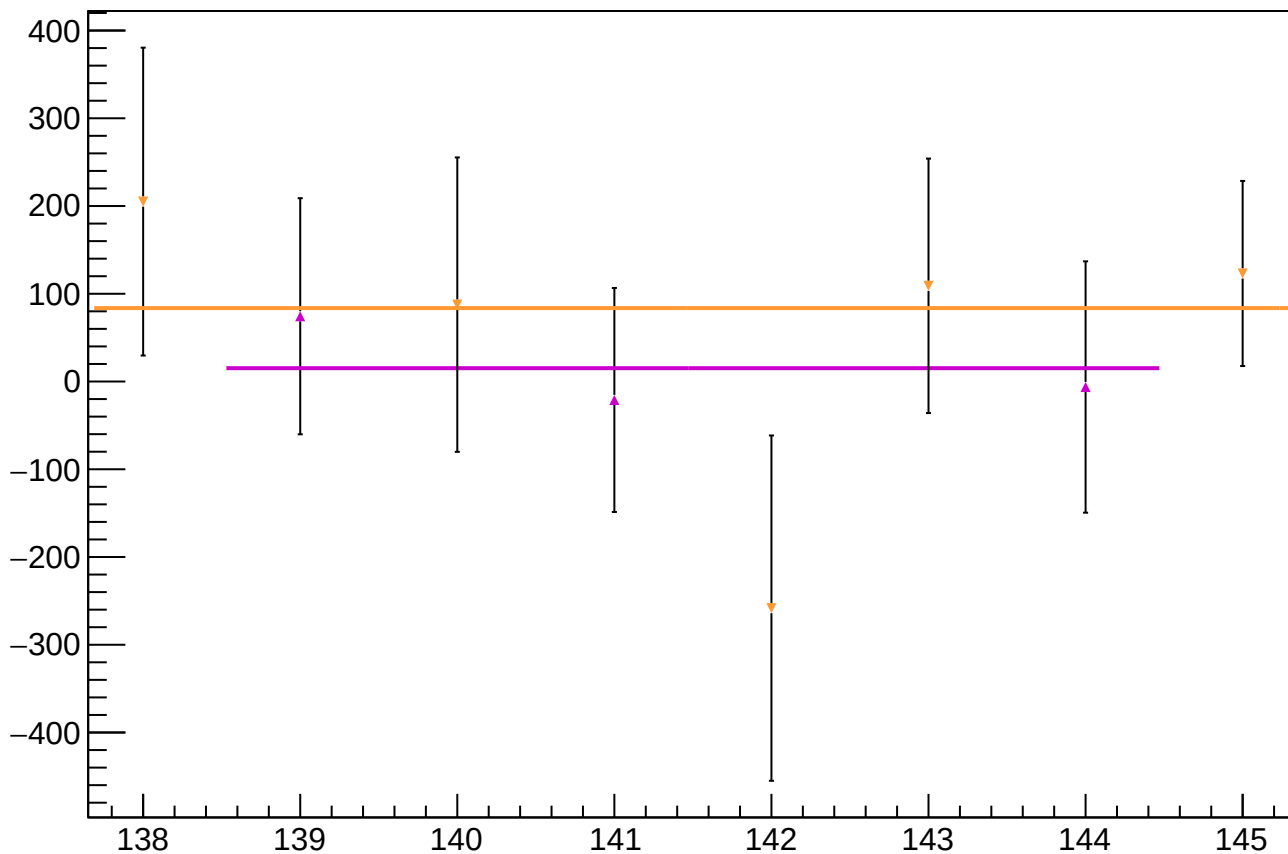
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.746+/-0.160 χ^2/NDF :206588.4/2

Out: 340.129+/-0.134 χ^2/NDF :251986.2/4

All: 342.861+/-0.103 χ^2/NDF : 459584.8/7

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 83.686 $\pm$ 65.753 χ^2 /NDF:3.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 15.206 $\pm$ 77.765 χ^2 /NDF:0.3/2

Left: 55.138 $\pm$ 50.211 χ^2 /NDF: 4.4/7

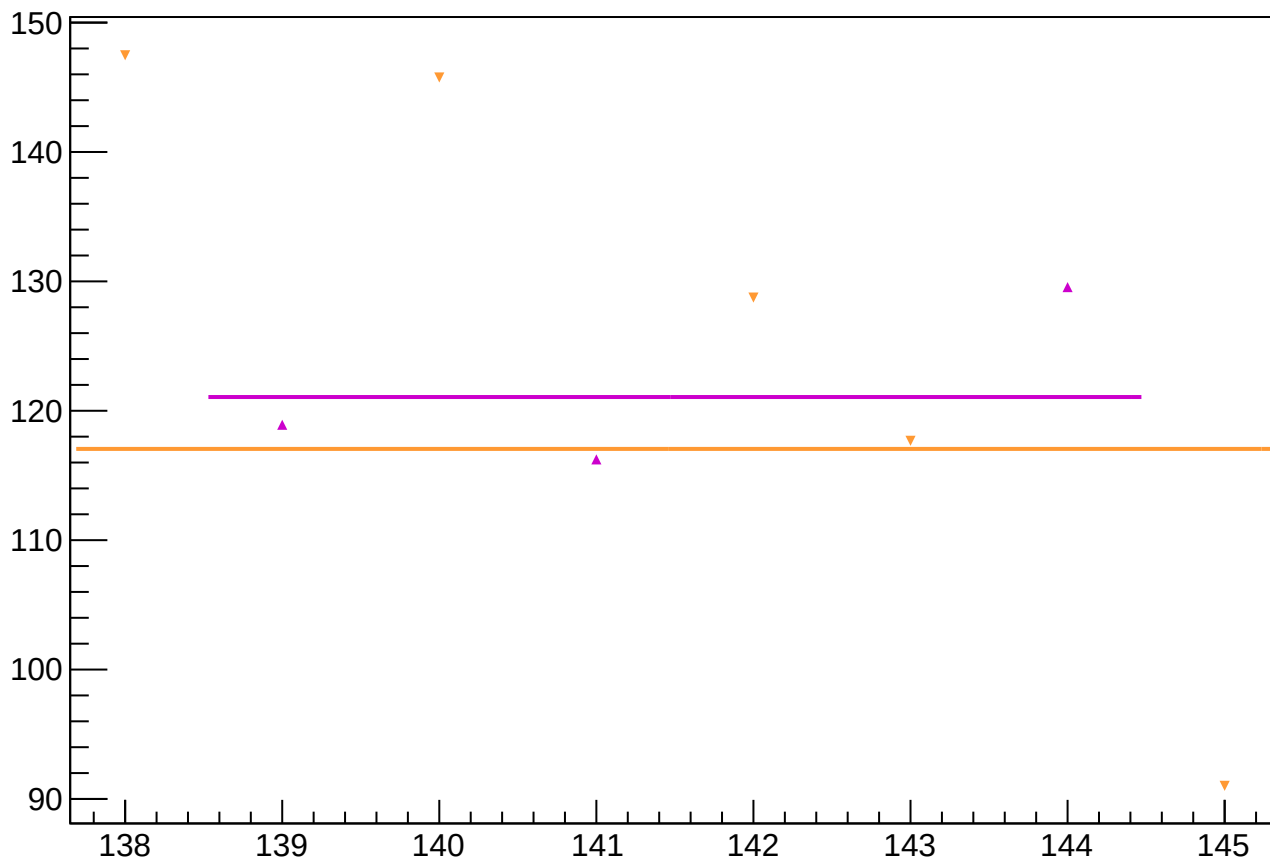
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.206 $\pm$ 77.765 χ^2 /NDF:0.3/2

Out: 83.686 $\pm$ 65.753 χ^2 /NDF:3.7/4

All: 55.138 $\pm$ 50.211 χ^2 /NDF: 4.4/7

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 117.053+/-0.046 χ^2/NDF :247689.4/4

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

Left In: 121.063+/-0.055 χ^2/NDF :10394.9/2

Left: 118.725+/-0.036 χ^2/NDF : 261184.8/7

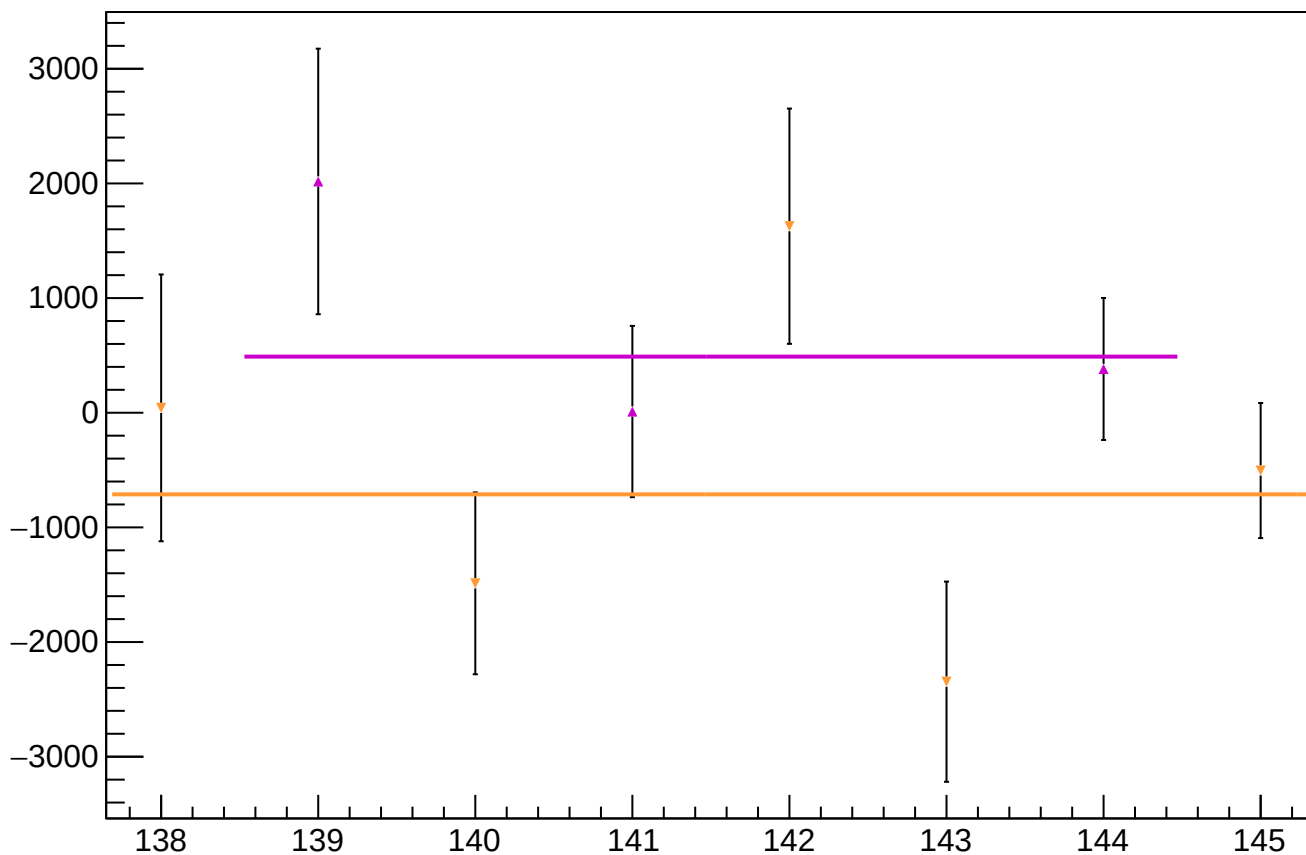
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.063+/-0.055 χ^2/NDF :10394.9/2

Out: 117.053+/-0.046 χ^2/NDF :247689.4/4

All: 118.725+/-0.036 χ^2/NDF : 261184.8/7

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -711.852 $\pm$ 365.871 χ^2 /NDF:10.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 489.476 $\pm$ 440.850 χ^2 /NDF:2.2/2

Left: -221.887 $\pm$ 281.542 χ^2 /NDF: 16.8/7

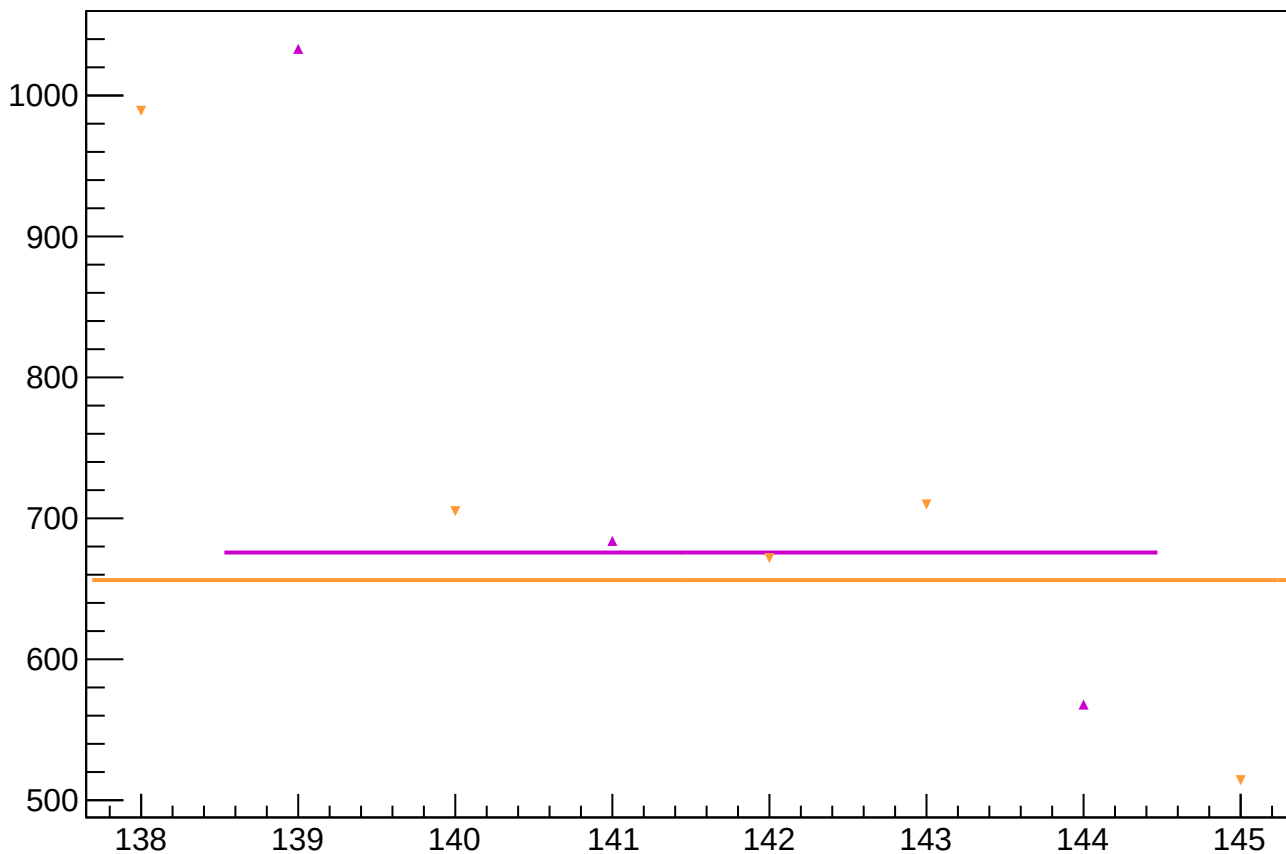
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 489.476 $\pm$ 440.850 χ^2 /NDF:2.2/2

Out: -711.852 $\pm$ 365.871 χ^2 /NDF:10.2/4

All: -221.887 $\pm$ 281.542 χ^2 /NDF: 16.8/7

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 656.181+/-0.259 χ^2/NDF :295482.4/4

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

Left In: 675.757+/-0.312 χ^2/NDF :251391.5/2

Left: 664.165+/-0.199 χ^2/NDF : 549209.1/7

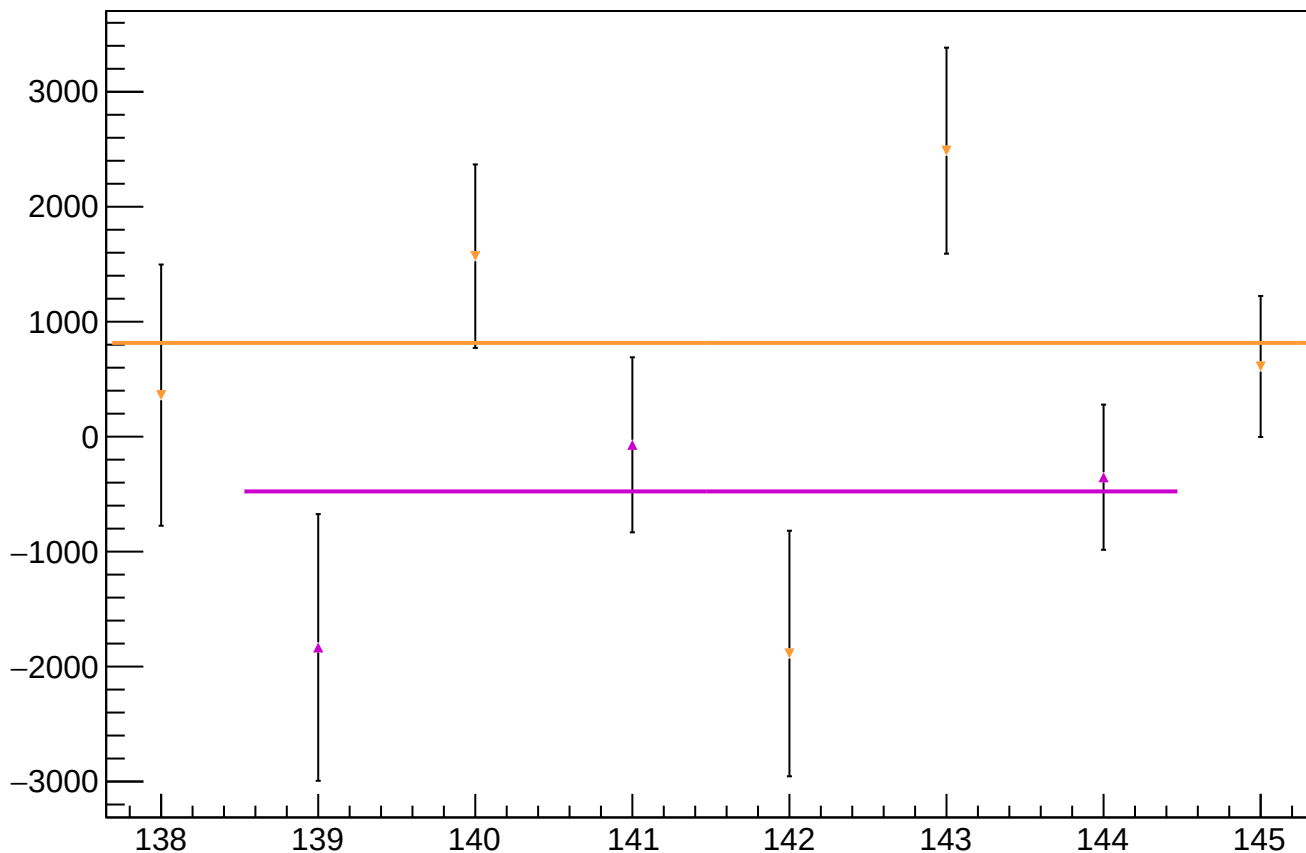
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 675.757+/-0.312 χ^2/NDF :251391.5/2

Out: 656.181+/-0.259 χ^2/NDF :295482.4/4

All: 664.165+/-0.199 χ^2/NDF : 549209.1/7

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 815.727+/-374.693 χ^2/NDF :11.0/4

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

Left In: -476.331+/-448.321 χ^2/NDF :1.7/2

Left: 284.369+/-287.502 χ^2/NDF : 17.6/7

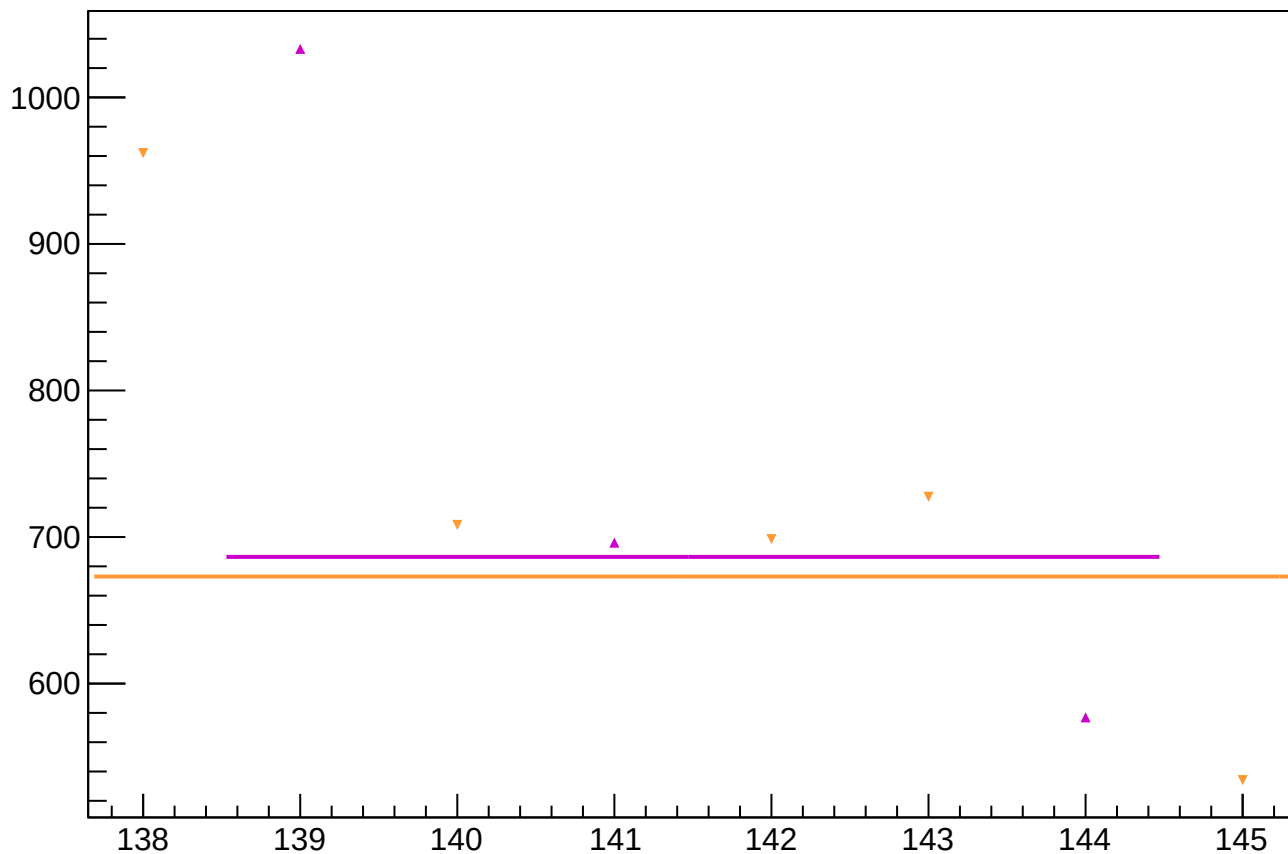
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -476.331+/-448.321 χ^2/NDF :1.7/2

Out: 815.727+/-374.693 χ^2/NDF :11.0/4

All: 284.369+/-287.502 χ^2/NDF : 17.6/7

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 673.070 ± 0.265 $\chi^2/\text{NDF}: 244301.5/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 686.457 ± 0.317 $\chi^2/\text{NDF}: 239061.1/2$

Left: 678.575 ± 0.203 $\chi^2/\text{NDF}: 484412.6/7$

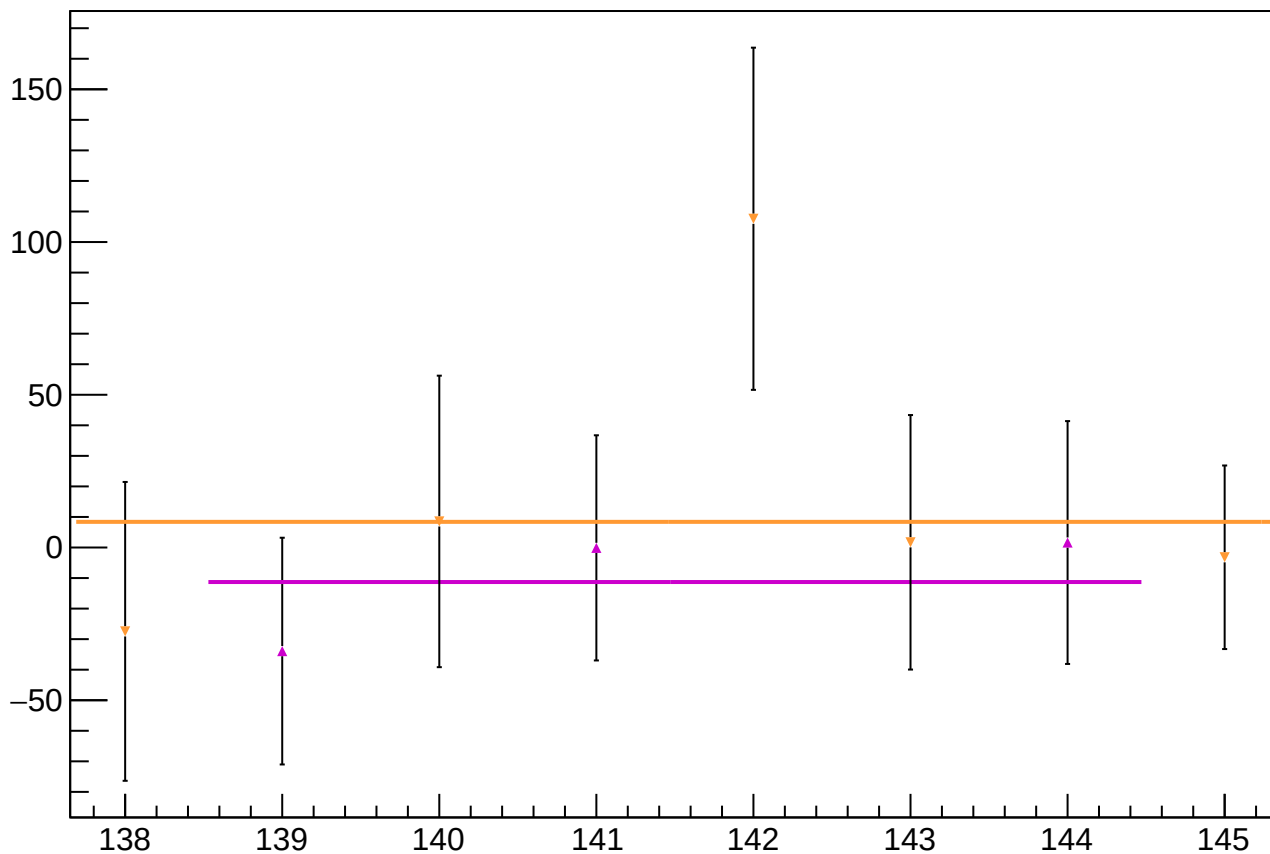
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 686.457 ± 0.317 $\chi^2/\text{NDF}: 239061.1/2$

Out: 673.070 ± 0.265 $\chi^2/\text{NDF}: 244301.5/4$

All: 678.575 ± 0.203 $\chi^2/\text{NDF}: 484412.6/7$

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: 8.400+/-18.699 χ^2/NDF :3.9/4

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

Left In: -11.302+/-21.847 χ^2/NDF :0.6/2

Left: 0.070+/-14.206 χ^2/NDF : 4.9/7

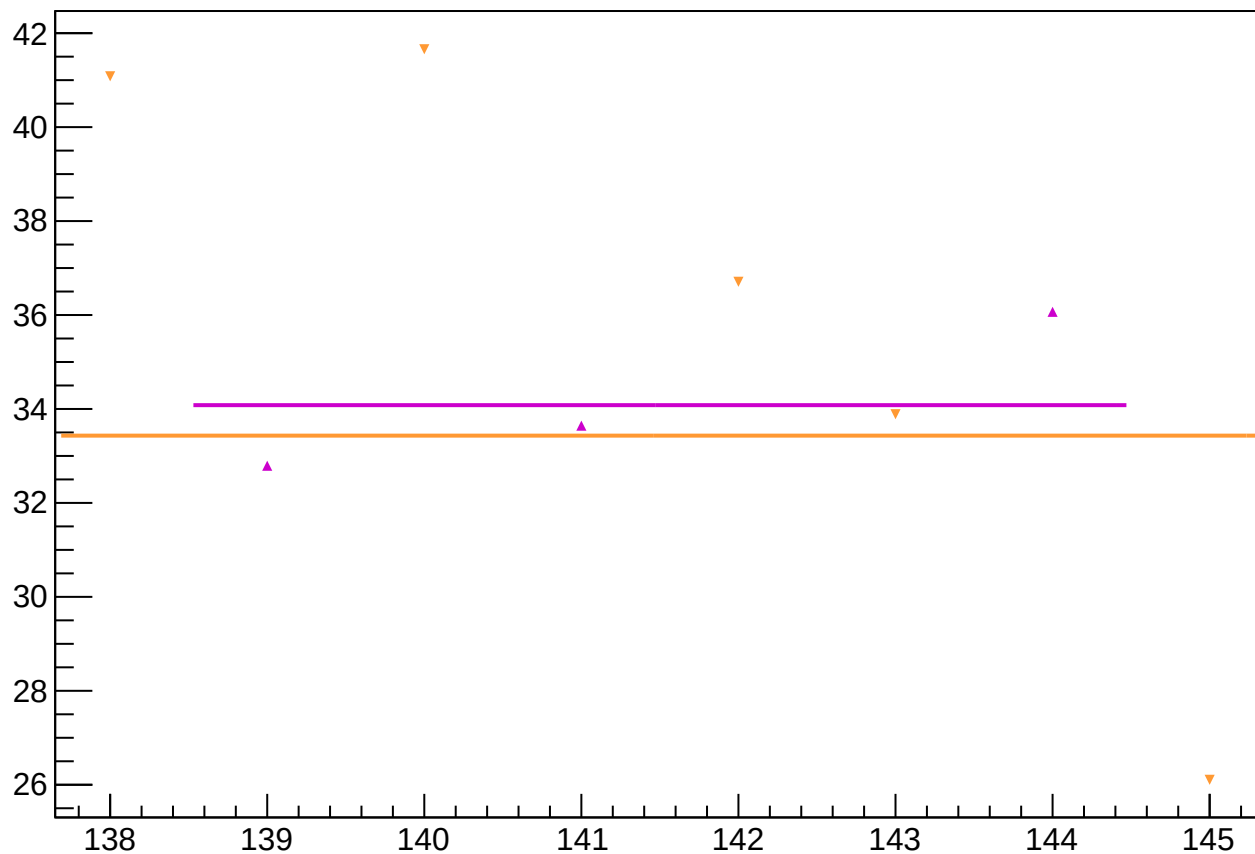
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.302+/-21.847 χ^2/NDF :0.6/2

Out: 8.400+/-18.699 χ^2/NDF :3.9/4

All: 0.070+/-14.206 χ^2/NDF : 4.9/7

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: 33.432+/-0.013 χ^2/NDF :234364.6/4

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

Left In: 34.081+/-0.015 χ^2/NDF :7693.2/2

Left: 33.707+/-0.010 χ^2/NDF : 243075.6/7

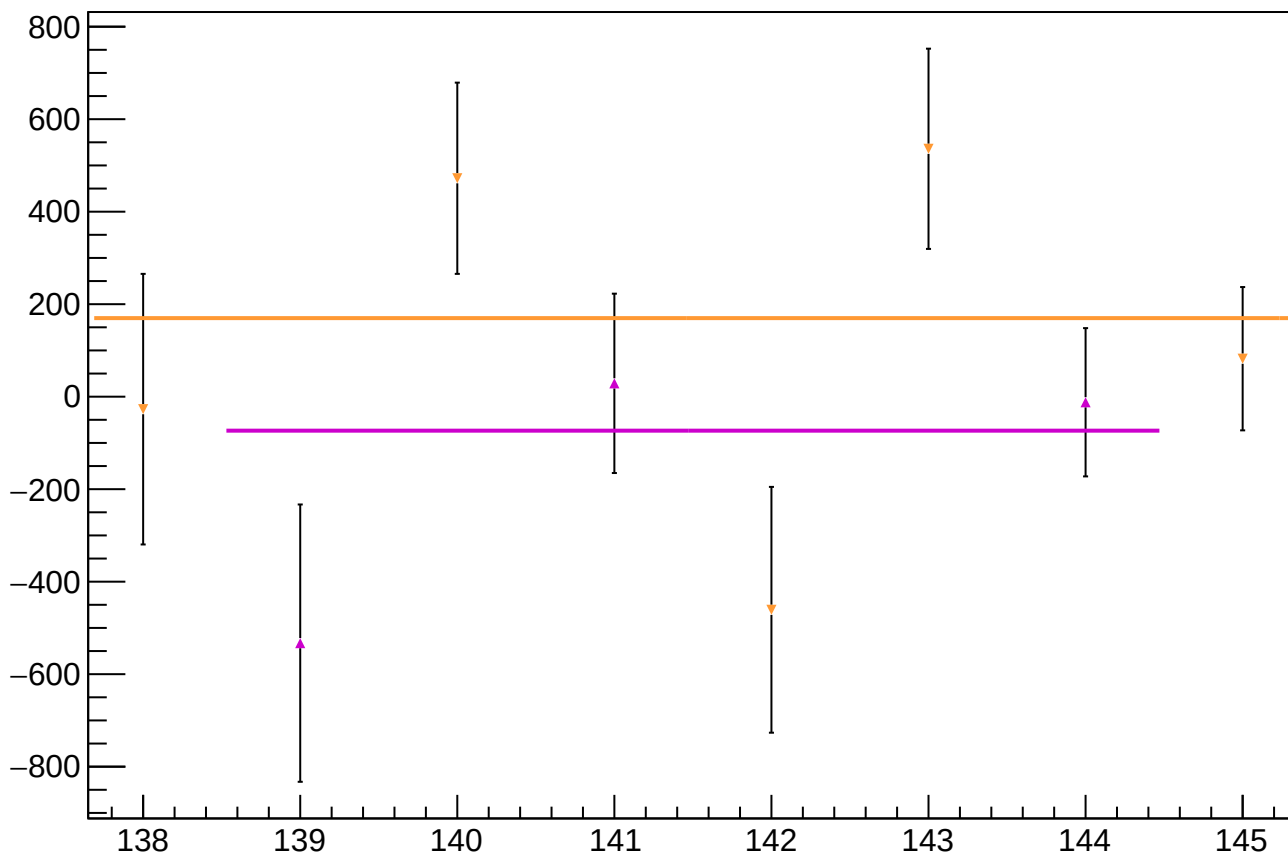
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.081+/-0.015 χ^2/NDF :7693.2/2

Out: 33.432+/-0.013 χ^2/NDF :234364.6/4

All: 33.707+/-0.010 χ^2/NDF : 243075.6/7

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: 169.870+/-94.392 χ^2/NDF :11.4/4

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

Left In: -73.474+/-114.229 χ^2/NDF :2.8/2

Left: 71.129+/-72.764 χ^2/NDF : 16.9/7

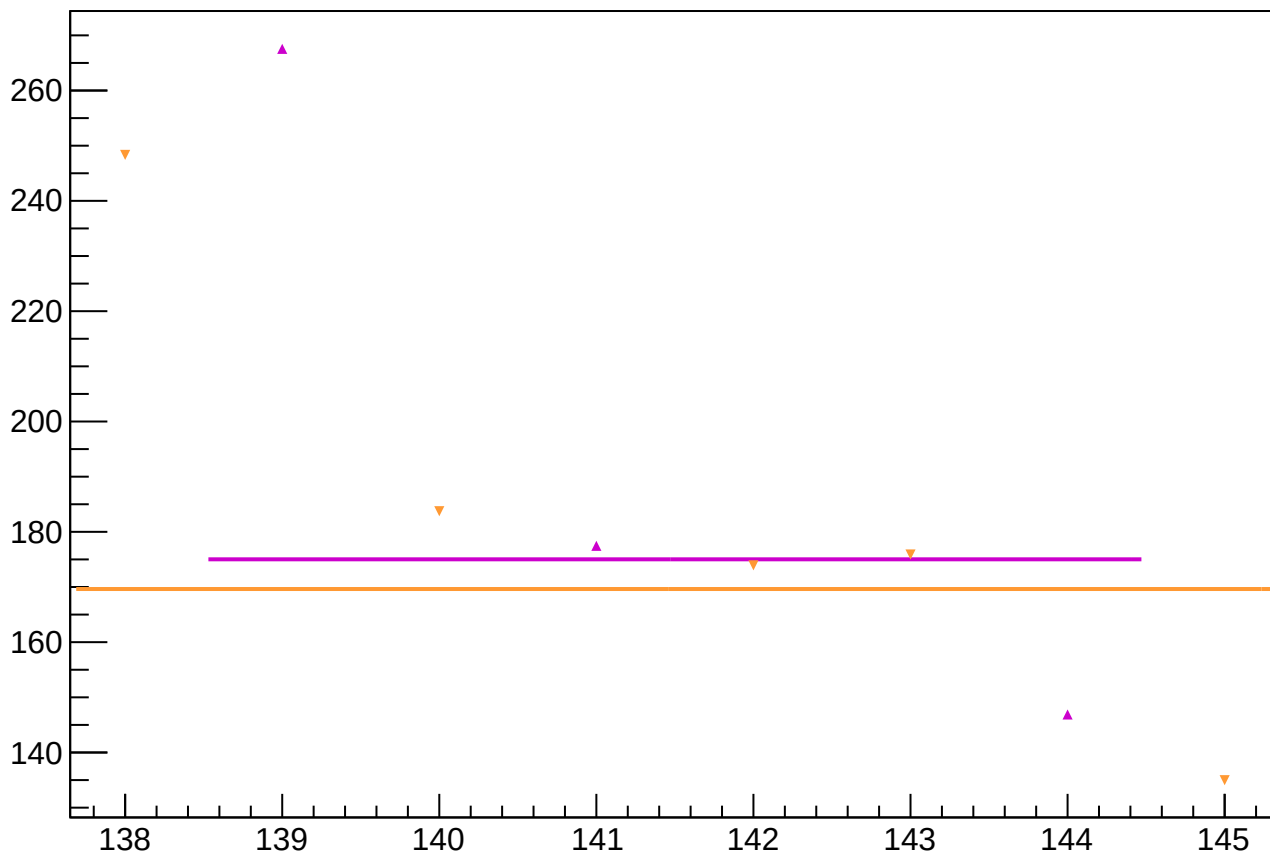
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.474+/-114.229 χ^2/NDF :2.8/2

Out: 169.870+/-94.392 χ^2/NDF :11.4/4

All: 71.129+/-72.764 χ^2/NDF : 16.9/7

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 169.635+/-0.067 χ^2/NDF :256291.7/4

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

Left In: 175.018+/-0.081 χ^2/NDF :252417.3/2

Left: 171.820+/-0.051 χ^2/NDF : 511348.4/7

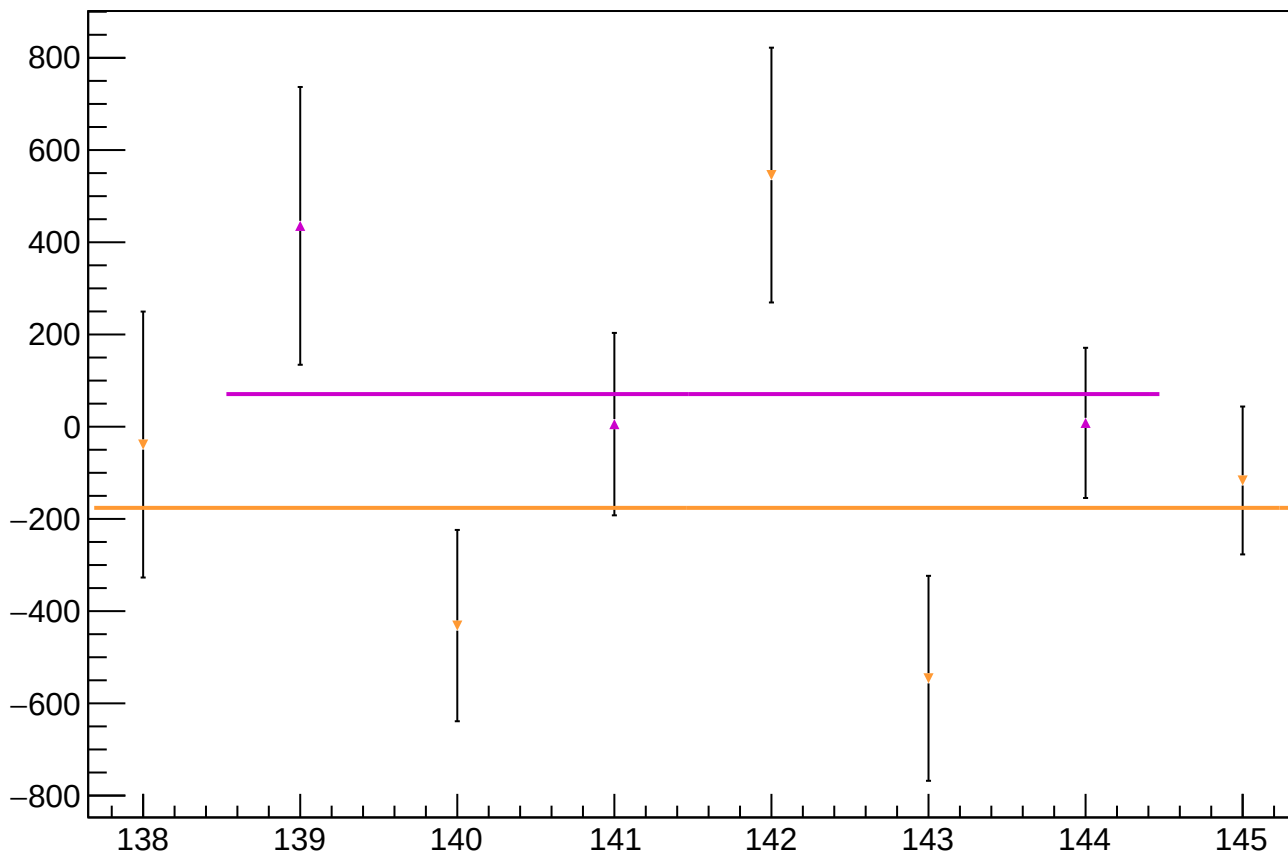
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 175.018+/-0.081 χ^2/NDF :252417.3/2

Out: 169.635+/-0.067 χ^2/NDF :256291.7/4

All: 171.820+/-0.051 χ^2/NDF : 511348.4/7

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -176.027+/-96.459 χ^2/NDF :11.5/4

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

Left In: 70.749+/-116.034 χ^2/NDF :1.7/2

Left: -75.181+/-74.176 χ^2/NDF : 15.9/7

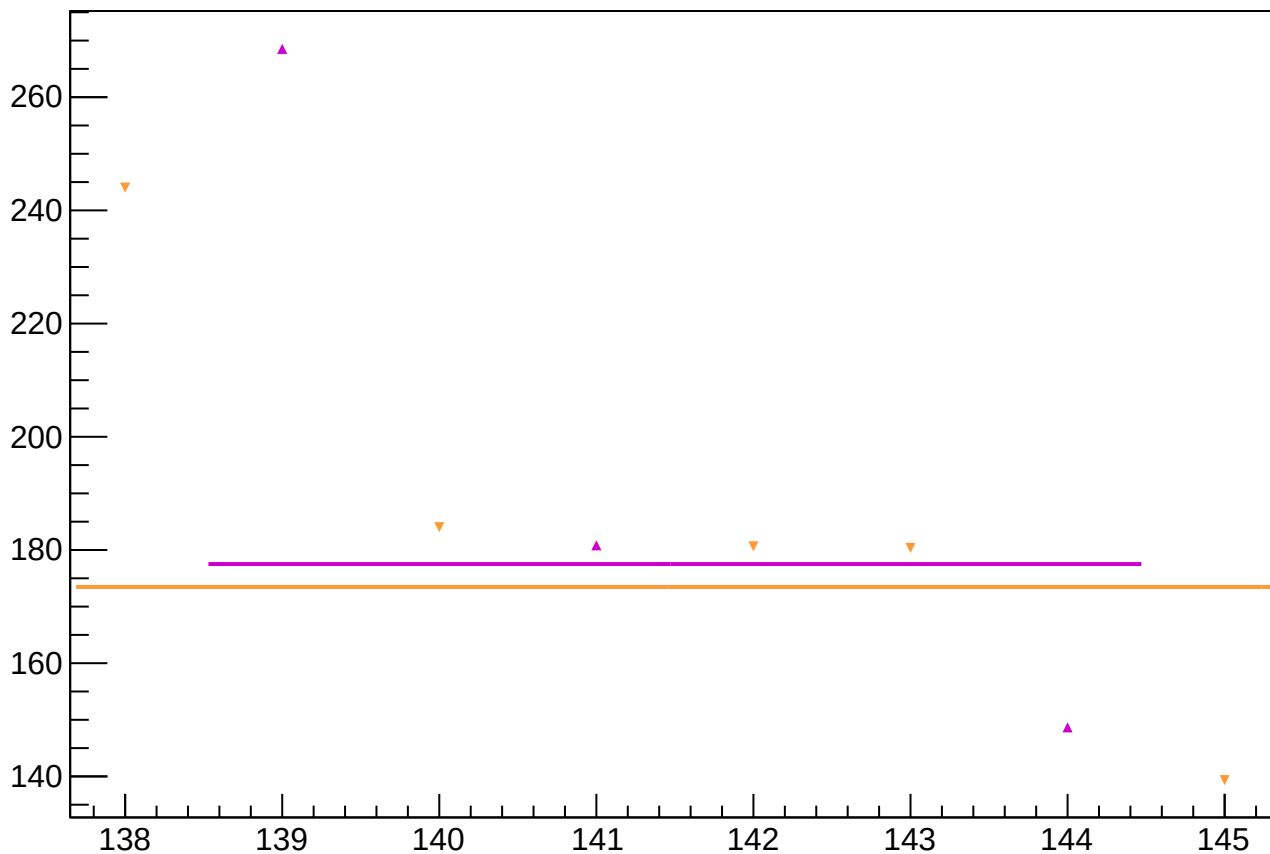
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.749+/-116.034 χ^2/NDF :1.7/2

Out: -176.027+/-96.459 χ^2/NDF :11.5/4

All: -75.181+/-74.176 χ^2/NDF : 15.9/7

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 173.470+/-0.068 χ^2/NDF : 218757.3/4

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

Left In: 177.516+/-0.082 χ^2/NDF : 245901.5/2

Left: 175.124+/-0.052 χ^2/NDF : 466097.1/7

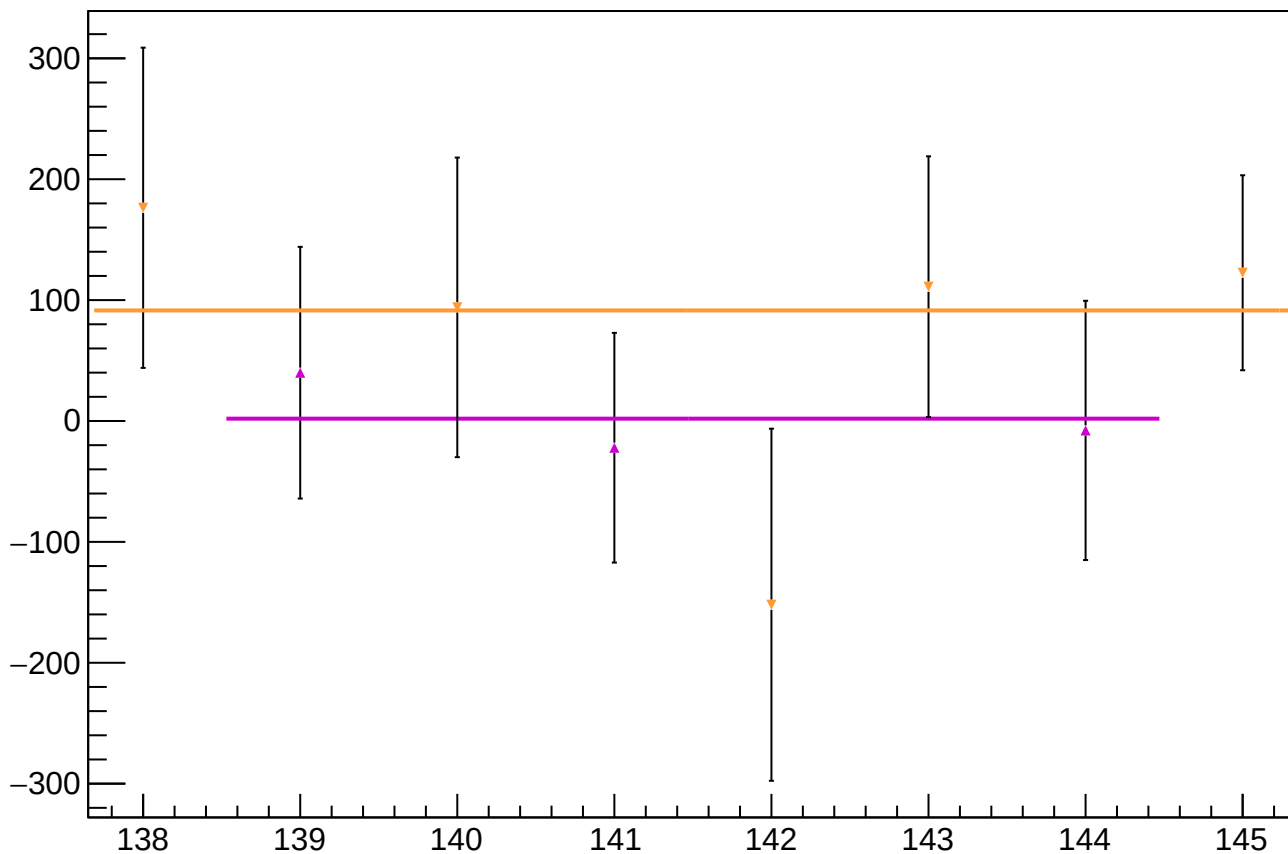
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 177.516+/-0.082 χ^2/NDF : 245901.5/2

Out: 173.470+/-0.068 χ^2/NDF : 218757.3/4

All: 175.124+/-0.052 χ^2/NDF : 466097.1/7

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: 91.474 $\pm$ 49.447 χ^2 /NDF:3.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.925 $\pm$ 58.719 χ^2 /NDF:0.2/2

Left: 54.320 $\pm$ 37.822 χ^2 /NDF: 5.0/7

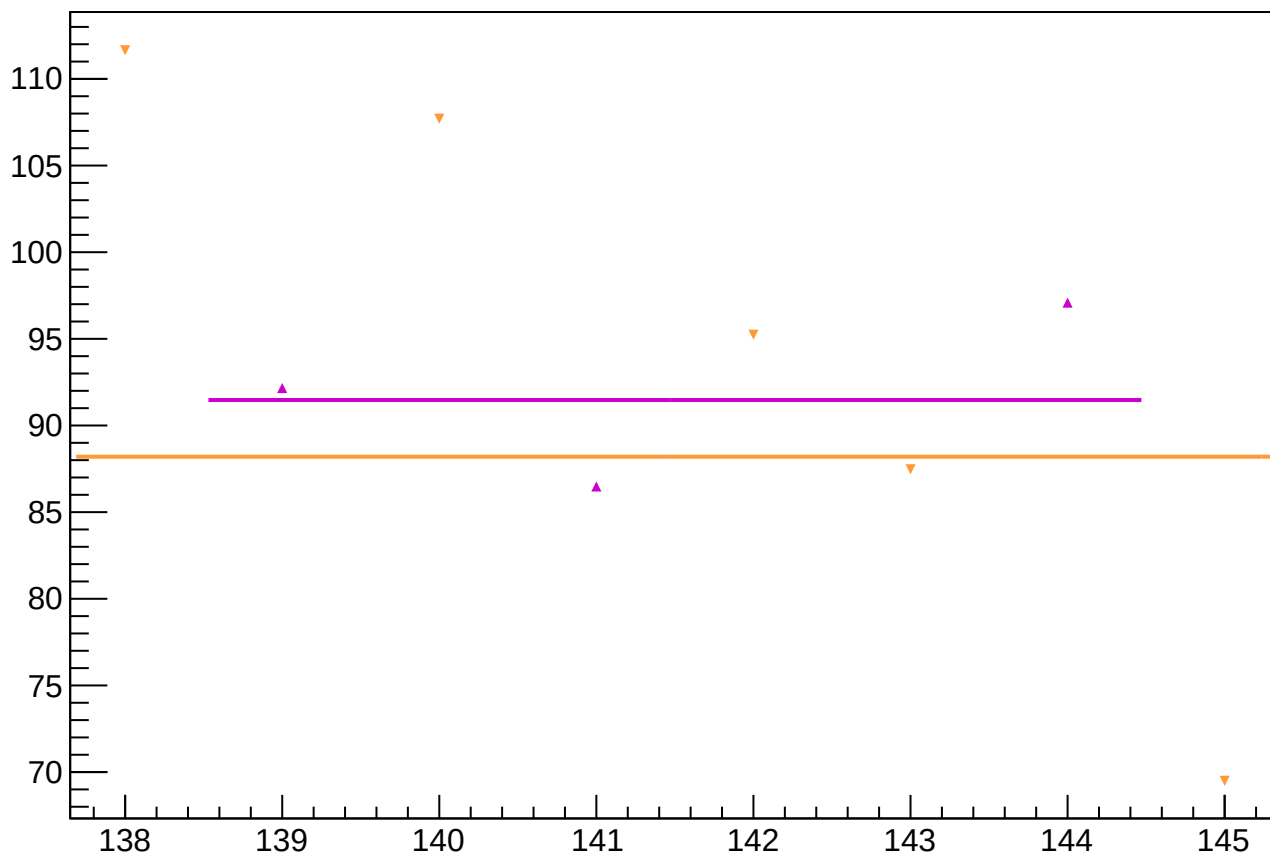
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.925 $\pm$ 58.719 χ^2 /NDF:0.2/2

Out: 91.474 $\pm$ 49.447 χ^2 /NDF:3.4/4

All: 54.320 $\pm$ 37.822 χ^2 /NDF: 5.0/7

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 88.200+/-0.035 χ^2/NDF :224575.8/4

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

Left In: 91.470+/-0.042 χ^2/NDF :11096.6/2

Left: 89.557+/-0.027 χ^2/NDF : 239303.3/7

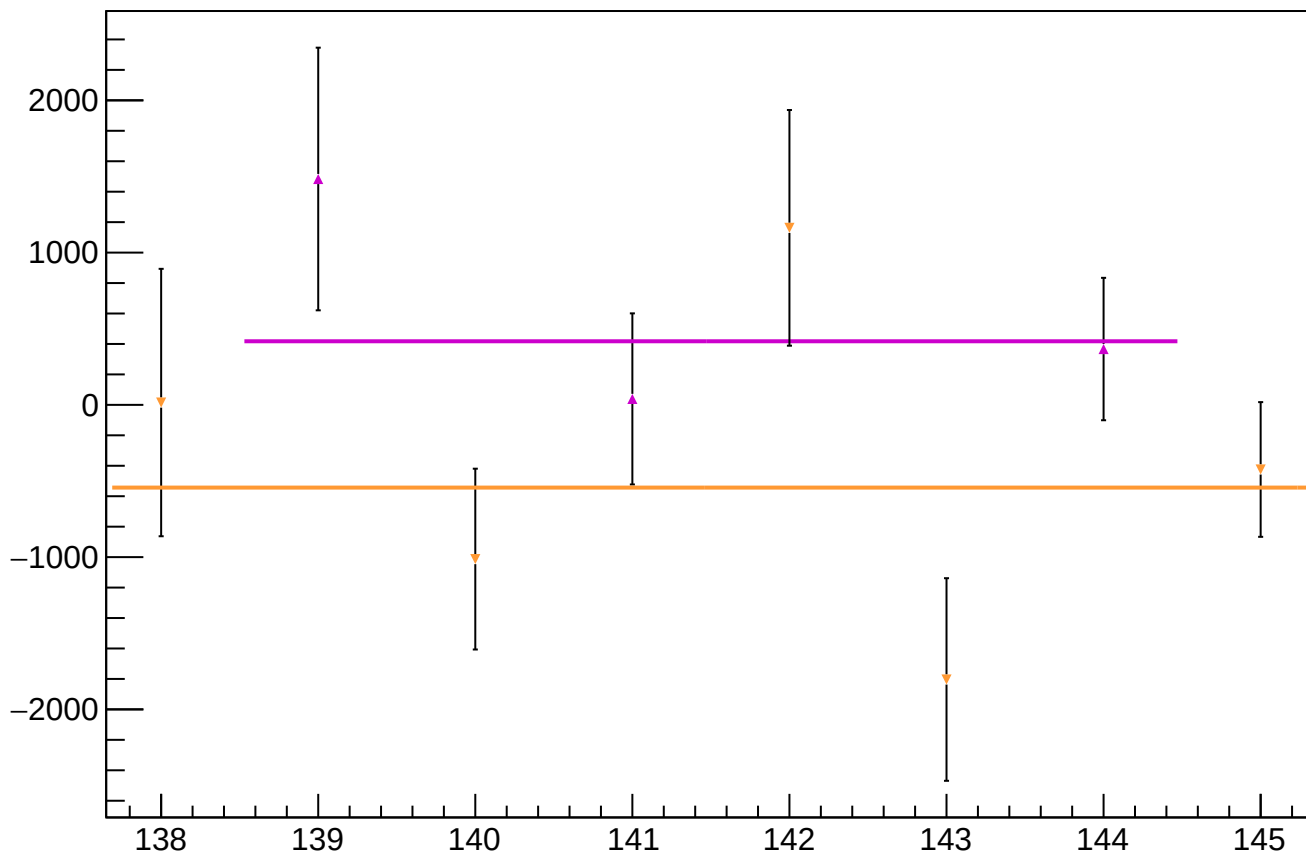
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.470+/-0.042 χ^2/NDF :11096.6/2

Out: 88.200+/-0.035 χ^2/NDF :224575.8/4

All: 89.557+/-0.027 χ^2/NDF : 239303.3/7

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -543.291+/-275.525 χ^2/NDF :9.5/4

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

Left In: 417.640+/-331.781 χ^2/NDF :2.0/2

Left: -151.082+/-211.965 χ^2/NDF : 16.5/7

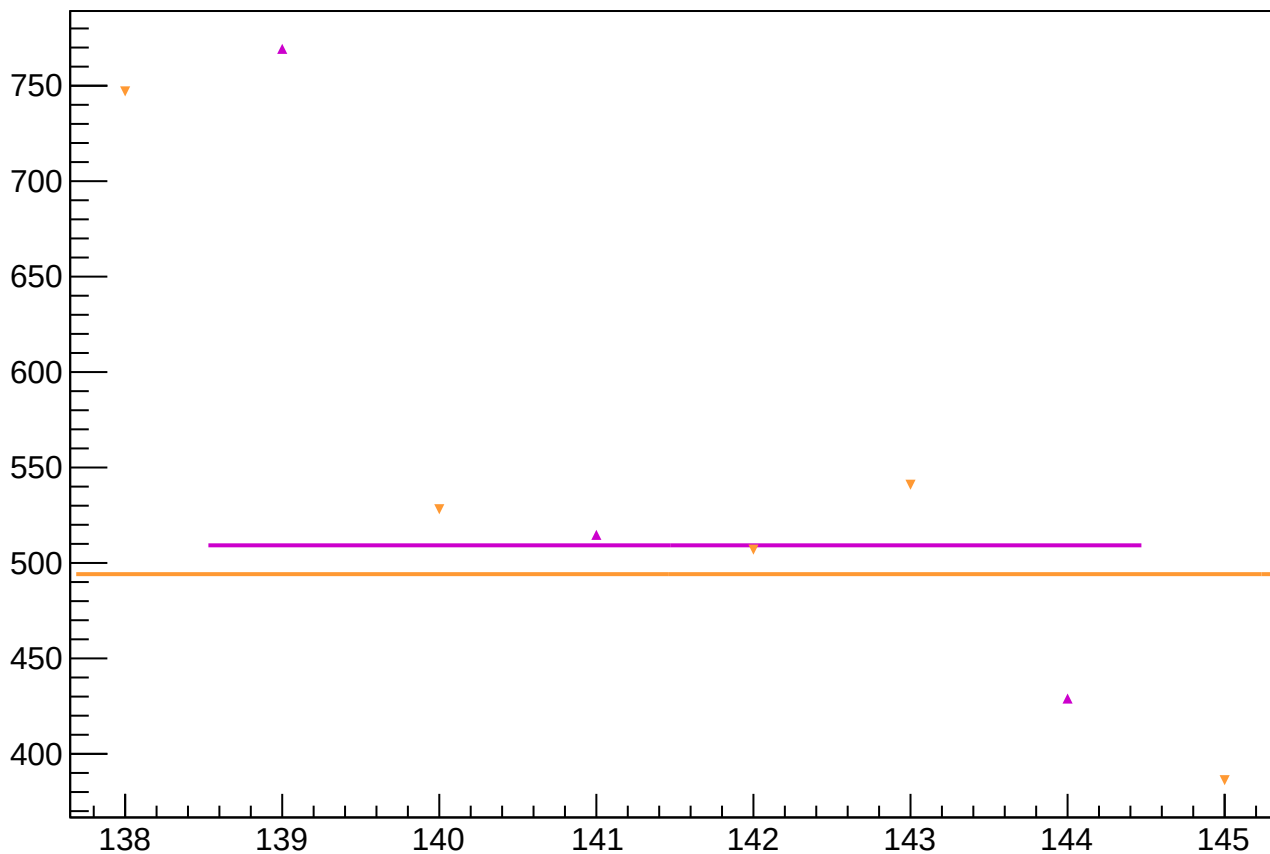
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 417.640+/-331.781 χ^2/NDF :2.0/2

Out: -543.291+/-275.525 χ^2/NDF :9.5/4

All: -151.082+/-211.965 χ^2/NDF : 16.5/7

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 494.142+/-0.195 χ^2/NDF :301985.6/4

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

Left In: 509.239+/-0.235 χ^2/NDF :240956.3/2

Left: 500.304+/-0.150 χ^2/NDF : 545392.7/7

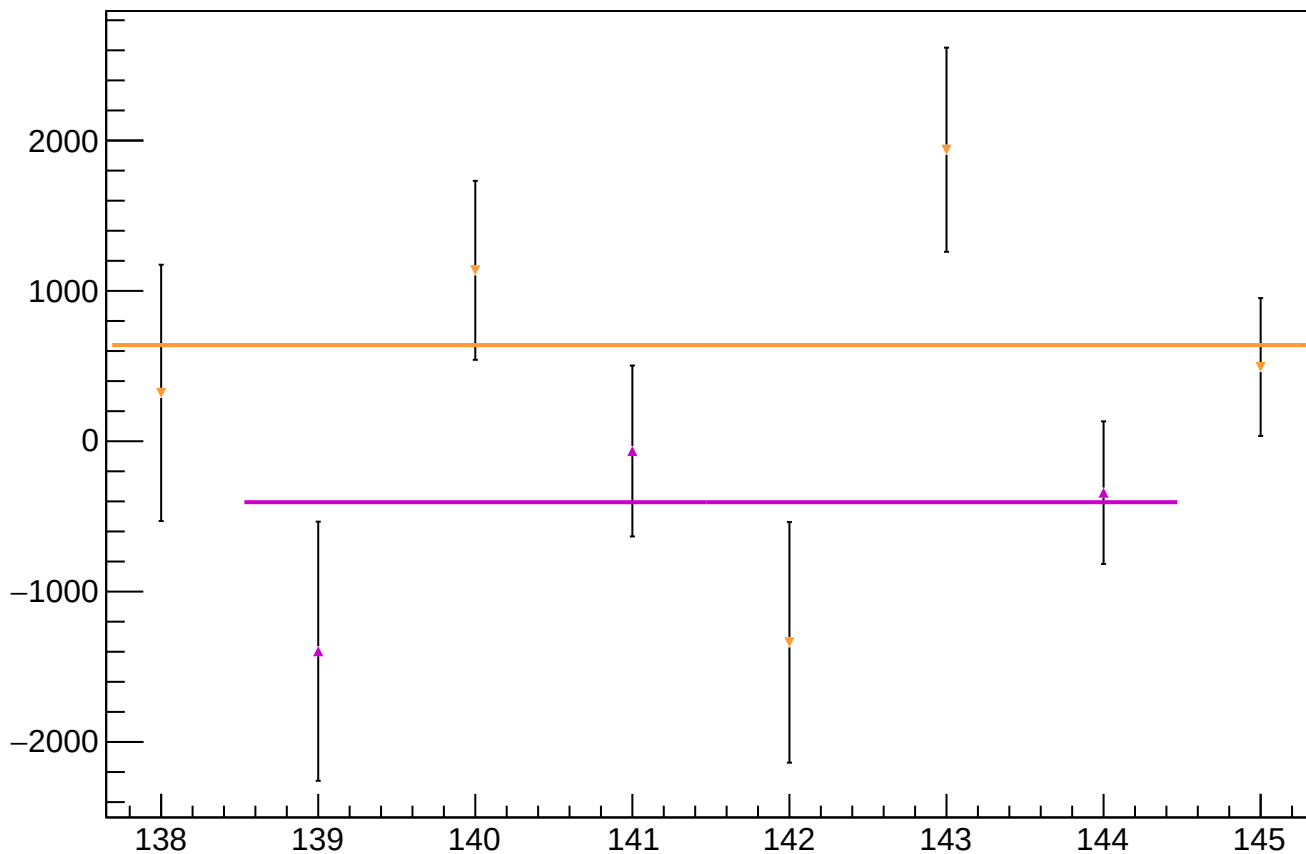
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 509.239+/-0.235 χ^2/NDF :240956.3/2

Out: 494.142+/-0.195 χ^2/NDF :301985.6/4

All: 500.304+/-0.150 χ^2/NDF : 545392.7/7

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 639.811+/-280.699 χ^2/NDF :10.7/4

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

Left In: -405.272+/-335.422 χ^2/NDF :1.7/2

Left: 209.366+/-215.266 χ^2/NDF : 18.1/7

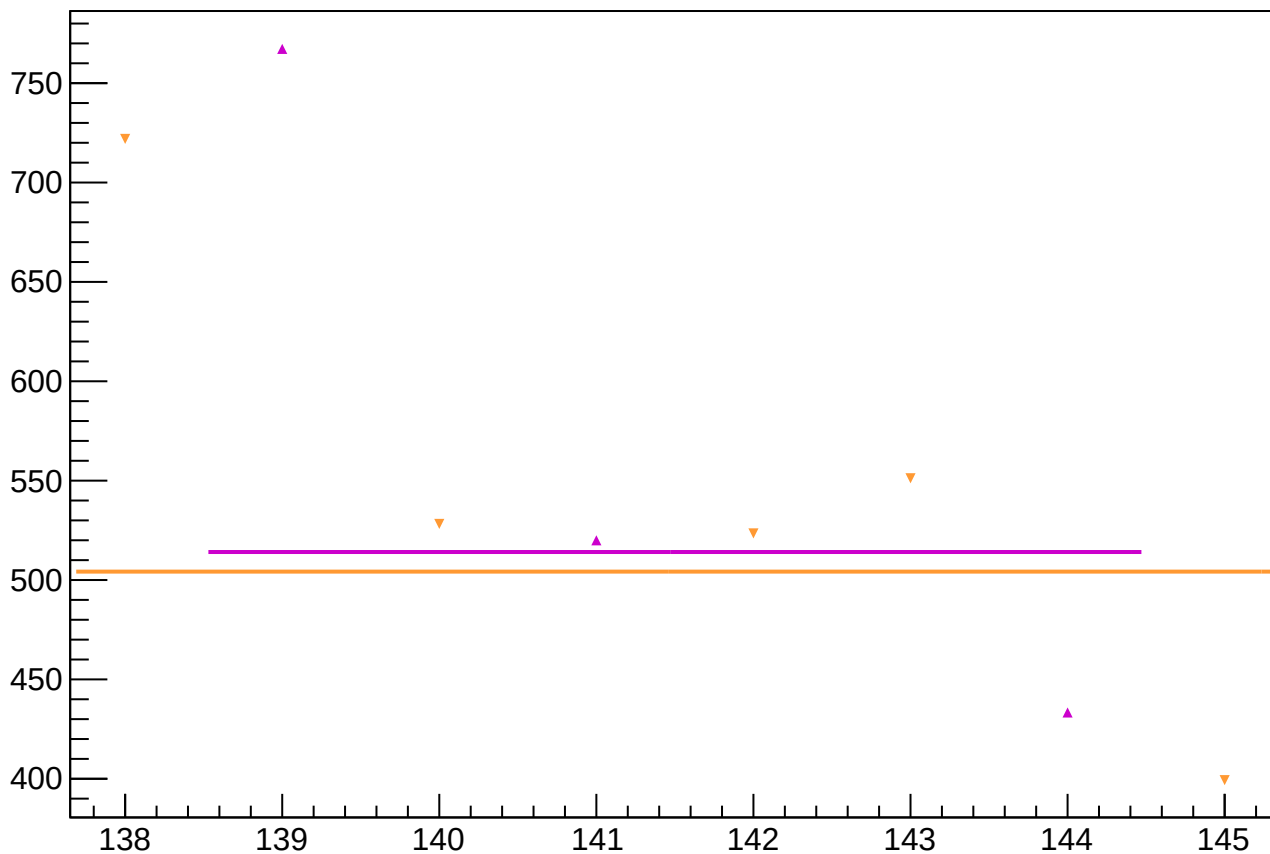
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -405.272+/-335.422 χ^2/NDF :1.7/2

Out: 639.811+/-280.699 χ^2/NDF :10.7/4

All: 209.366+/-215.266 χ^2/NDF : 18.1/7

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 504.234+/-0.198 χ^2/NDF : 249229.6/4

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

Left In: 514.093+/-0.237 χ^2/NDF : 230801.4/2

Left: 508.295+/-0.152 χ^2/NDF : 481047.2/7

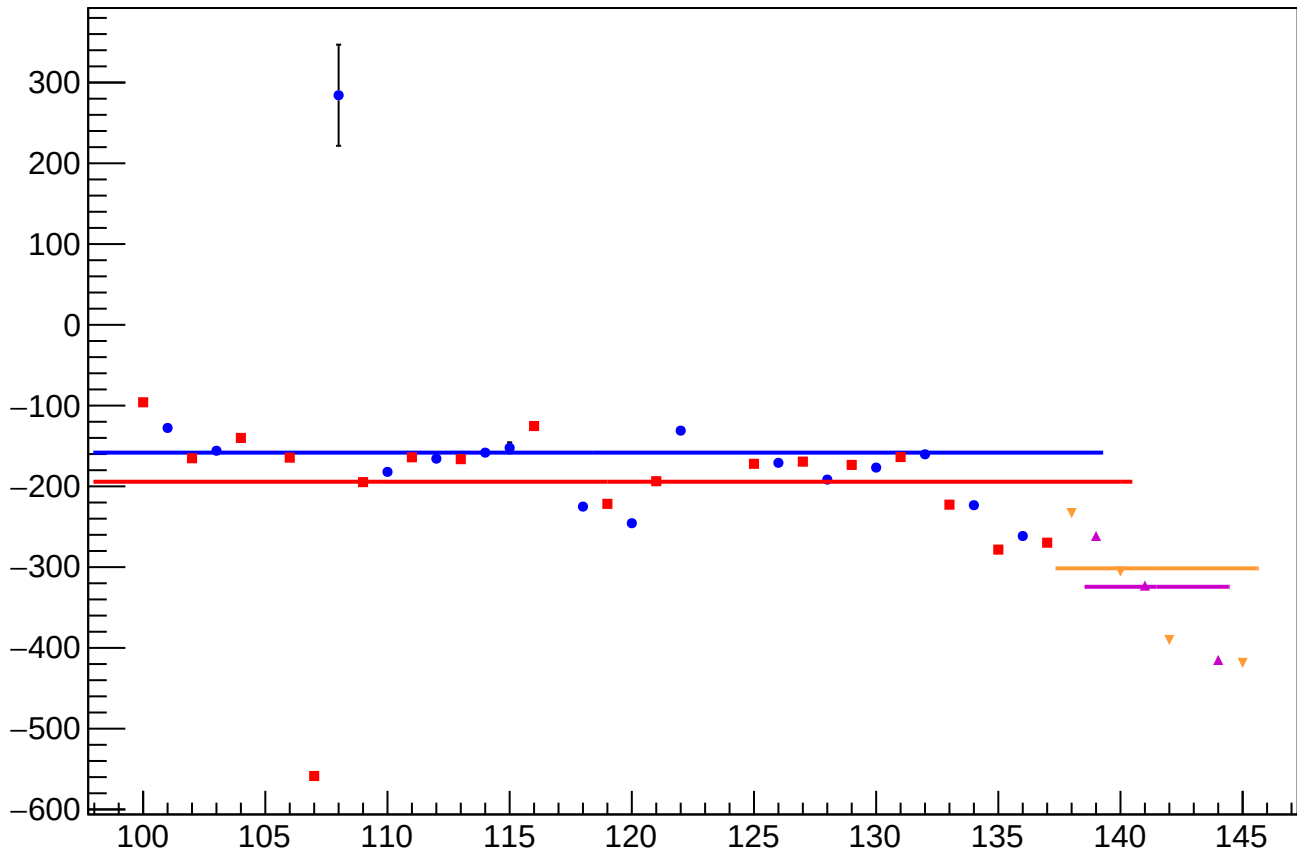
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 514.093+/-0.237 χ^2/NDF : 230801.4/2

Out: 504.234+/-0.198 χ^2/NDF : 249229.6/4

All: 508.295+/-0.152 χ^2/NDF : 481047.2/7

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222 ± 0.000 χ^2/NDF : 117166.2/15

Left Out: -301.516 ± 0.447 χ^2/NDF : 14747.3/3

Right Out: -194.268 ± 0.165 χ^2/NDF : 176560.4/17

Left In: -324.327 ± 0.378 χ^2/NDF : 11926.2/2

Left: -314.836 ± 0.289 χ^2/NDF : 28191.6/6

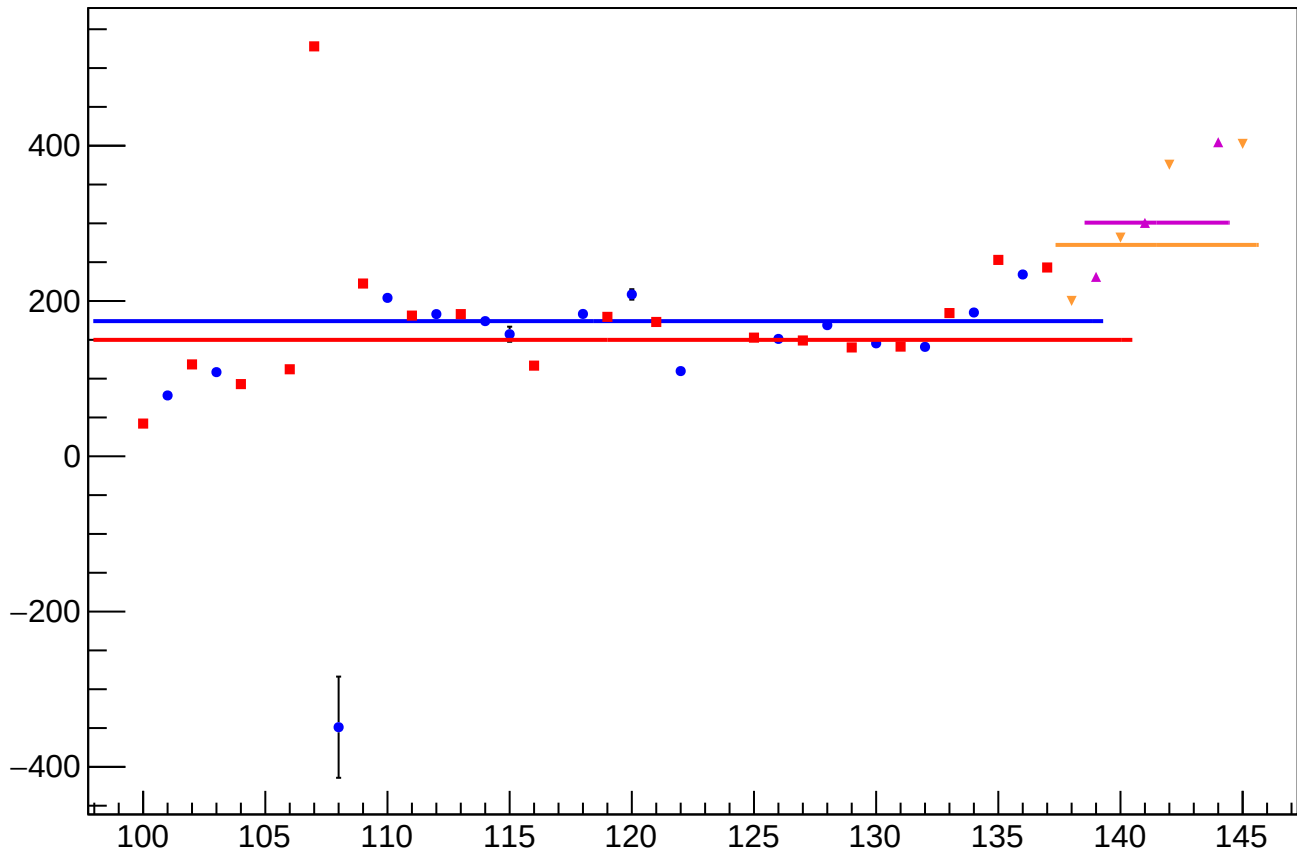
Right: -158.222 ± 0.000 χ^2/NDF : 341369.6/33

In: -158.222 ± 0.000 χ^2/NDF : 322551.5/18

Out: -207.129 ± 0.155 χ^2/NDF : 241884.6/21

All: -158.222 ± 0.000 χ^2/NDF : 664093.5/40

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 272.249 $\pm$ 0.480 χ^2 /NDF:15818.2/3

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

Left In: 300.903 $\pm$ 0.402 χ^2 /NDF:11923.0/2

Left: 289.088 $\pm$ 0.308 χ^2 /NDF: 29837.4/6

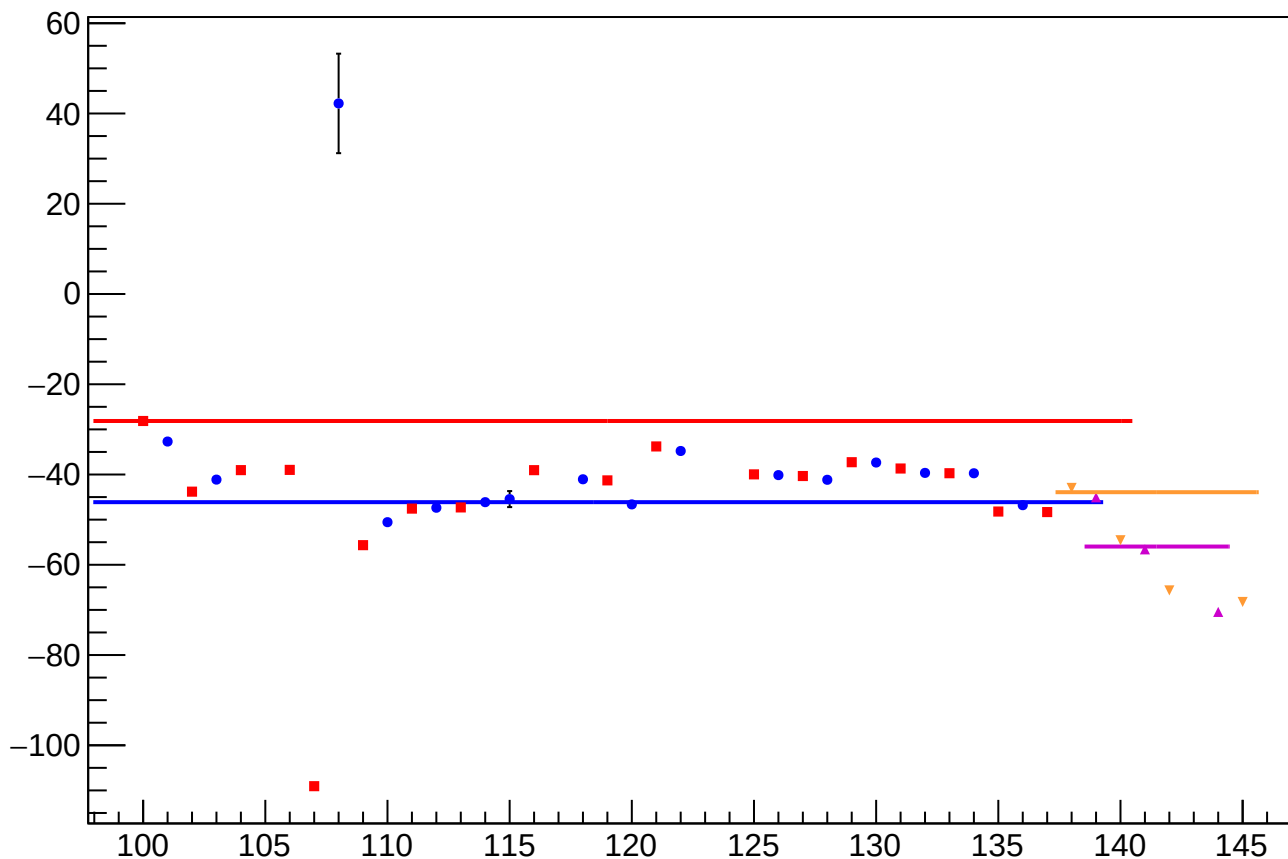
Right: 174.085 $\pm$ 0.000 χ^2 /NDF: 236460.5/33

In: 174.085 $\pm$ 0.000 χ^2 /NDF:164891.1/18

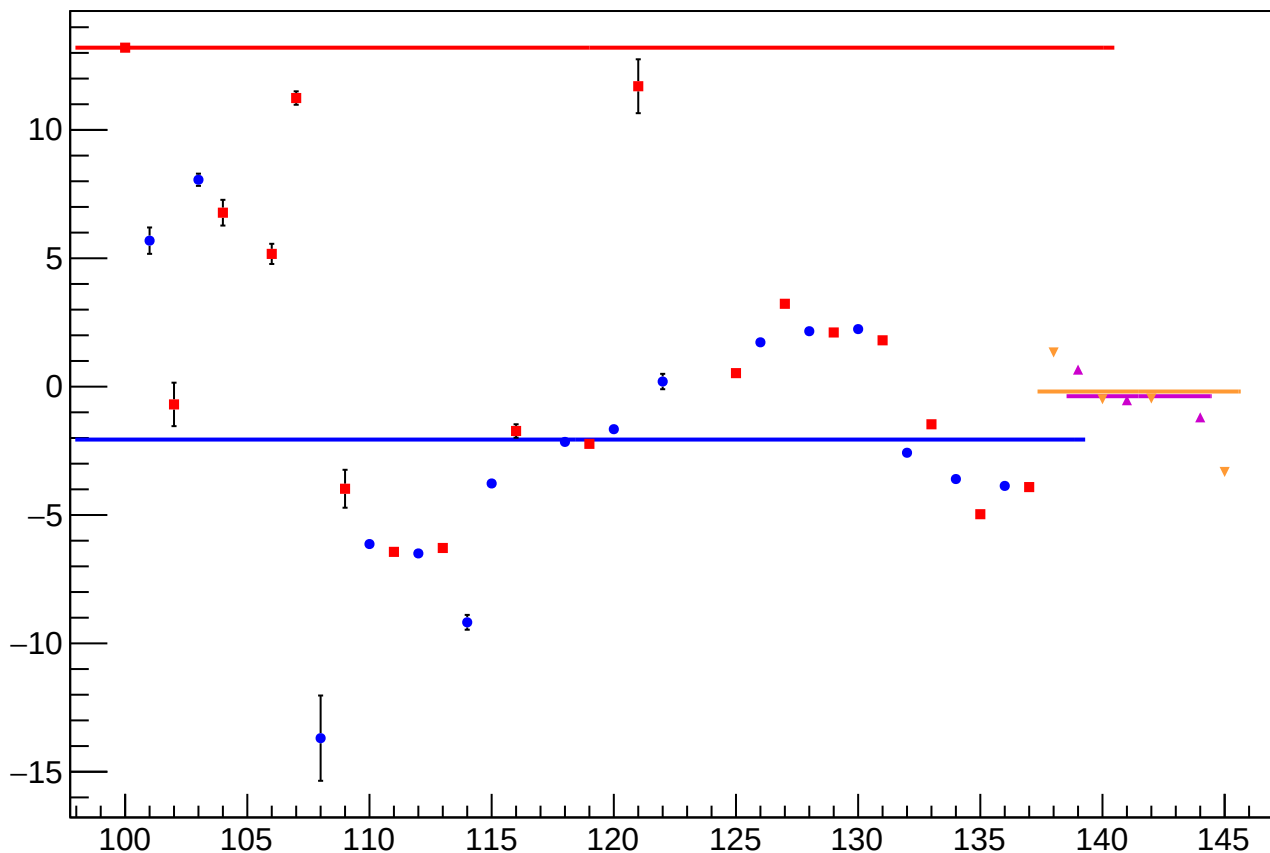
Out: 167.370 $\pm$ 0.181 χ^2 /NDF:239391.6/21

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 405657.6/40

dit_usl_11X12X_slope vs Slug, Sign Corrected



dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -0.189 ± 0.025 χ^2/NDF : 2012.0/3

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

Left In: -0.372 ± 0.021 χ^2/NDF : 833.0/2

Left: -0.296 ± 0.016 χ^2/NDF : 2875.8/6

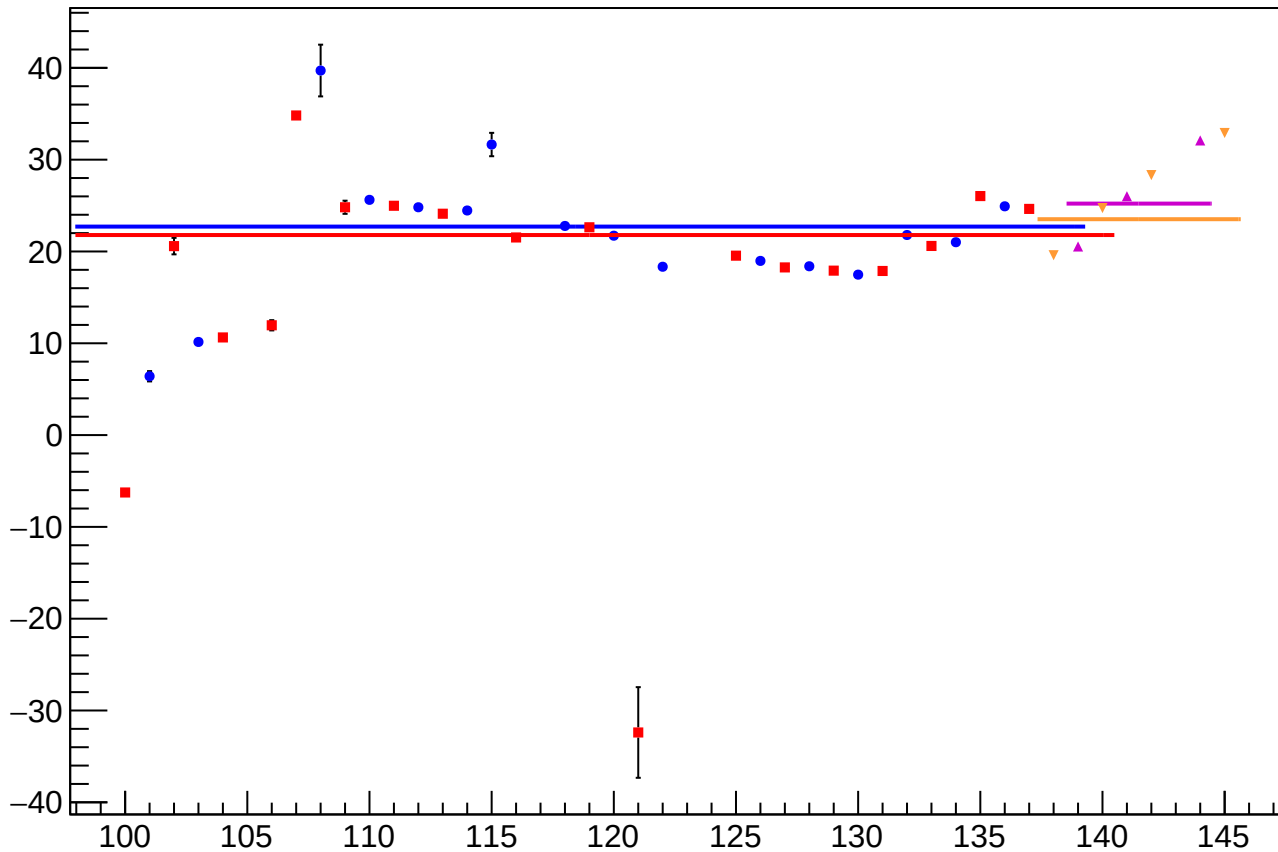
Right: 13.204 ± 0.000 χ^2/NDF : 1268800.5/33

In: -1.369 ± 0.014 χ^2/NDF : 30174.0/18

Out: 13.204 ± 0.000 χ^2/NDF : 795809.0/21

All: 13.204 ± 0.000 χ^2/NDF : 1958200.1/40

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 ± 0.019 $\chi^2/\text{NDF}: 22767.9/15$

Left Out: 23.516 ± 0.045 $\chi^2/\text{NDF}: 6925.2/3$

Right Out: 21.790 ± 0.022 $\chi^2/\text{NDF}: 26670.9/17$

Left In: 25.214 ± 0.039 $\chi^2/\text{NDF}: 7647.6/2$

Left: 24.477 ± 0.030 $\chi^2/\text{NDF}: 15384.3/6$

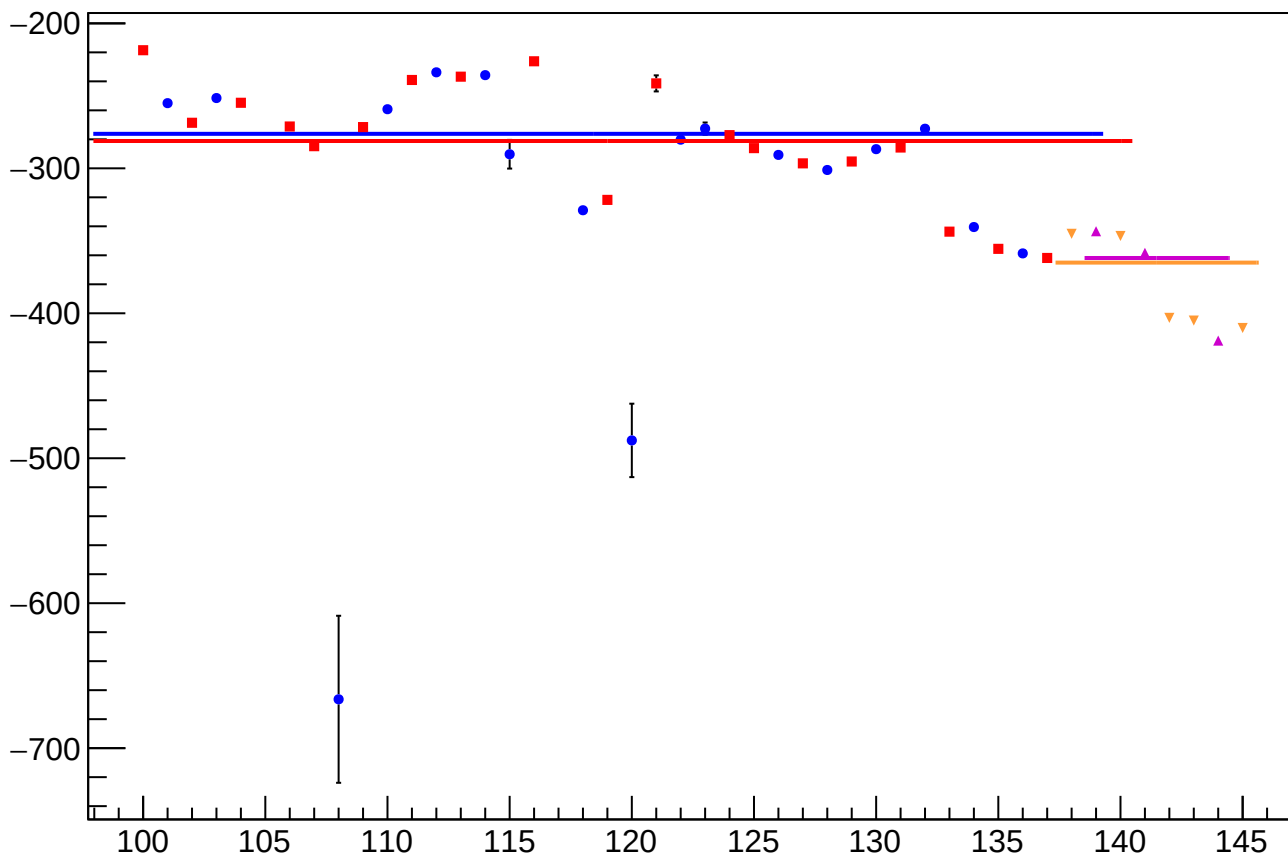
Right: 22.313 ± 0.014 $\chi^2/\text{NDF}: 50478.1/33$

In: 23.175 ± 0.017 $\chi^2/\text{NDF}: 33722.0/18$

Out: 22.113 ± 0.019 $\chi^2/\text{NDF}: 34798.9/21$

All: 22.716 ± 0.013 $\chi^2/\text{NDF}: 70221.7/40$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201 $\pm$ 0.167 χ^2/NDF : 58107.7/16

Left Out: -365.039 $\pm$ 0.295 χ^2/NDF :8742.8/4

Right Out: -281.150 $\pm$ 0.148 χ^2/NDF : 77611.5/18

Left In: -361.859 $\pm$ 0.246 χ^2/NDF :11043.3/2

Left: -363.165 $\pm$ 0.189 χ^2/NDF : 19854.6/7

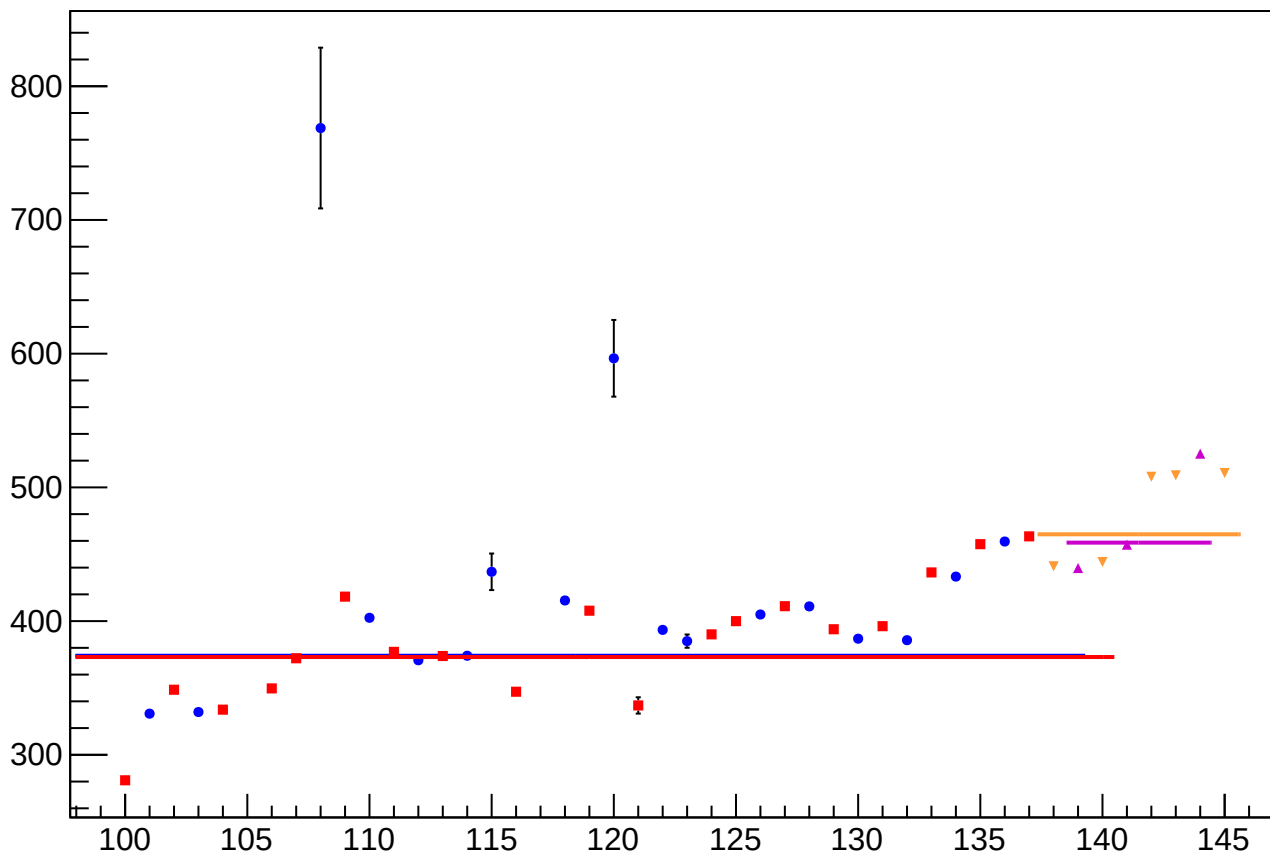
Right: -278.974 $\pm$ 0.110 χ^2/NDF : 136213.7/35

In: -303.106 $\pm$ 0.138 χ^2/NDF :152218.3/19

Out: -297.949 $\pm$ 0.132 χ^2/NDF :151083.2/23

All: -300.413 $\pm$ 0.095 χ^2/NDF : 304031.2/43

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 464.909+/-0.317 χ^2/NDF :9802.6/4

Right Out: 373.134+/-0.158 χ^2/NDF : 108219.4/18

Left In: 458.684+/-0.260 χ^2/NDF :11111.1/2

Left: 461.186+/-0.201 χ^2/NDF : 21144.5/7

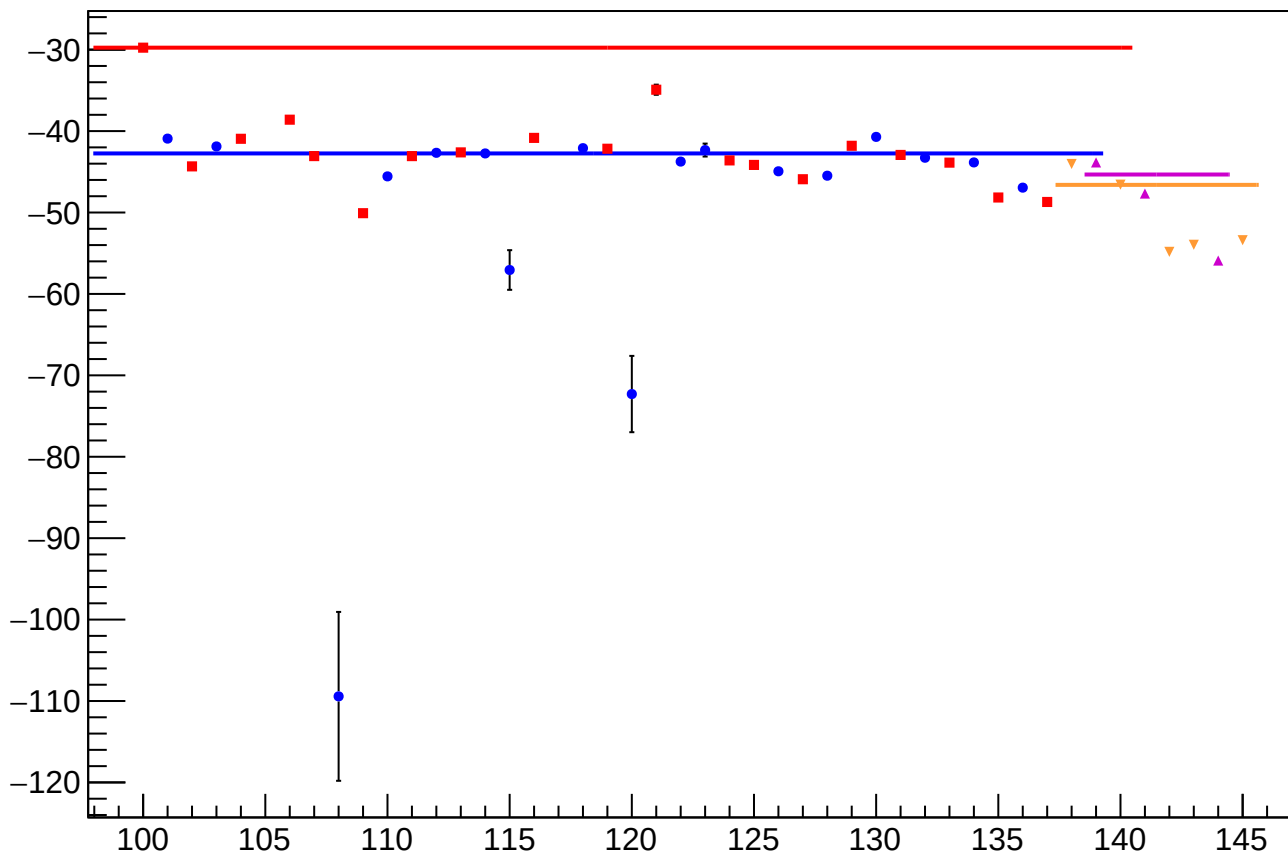
Right: 374.094+/-0.000 χ^2/NDF : 143328.3/35

In: 374.094+/-0.000 χ^2/NDF :152160.6/19

Out: 391.397+/-0.141 χ^2/NDF :185207.2/23

All: 374.094+/-0.000 χ^2/NDF : 352351.5/43

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -46.606+/-0.020 χ^2/NDF : 40710.5/4

Right Out: -29.754+/-0.000 χ^2/NDF : 483930.3/18

Left In: -45.333+/-0.022 χ^2/NDF : 17358.6/2

Left: -46.010+/-0.015 χ^2/NDF : 59911.5/7

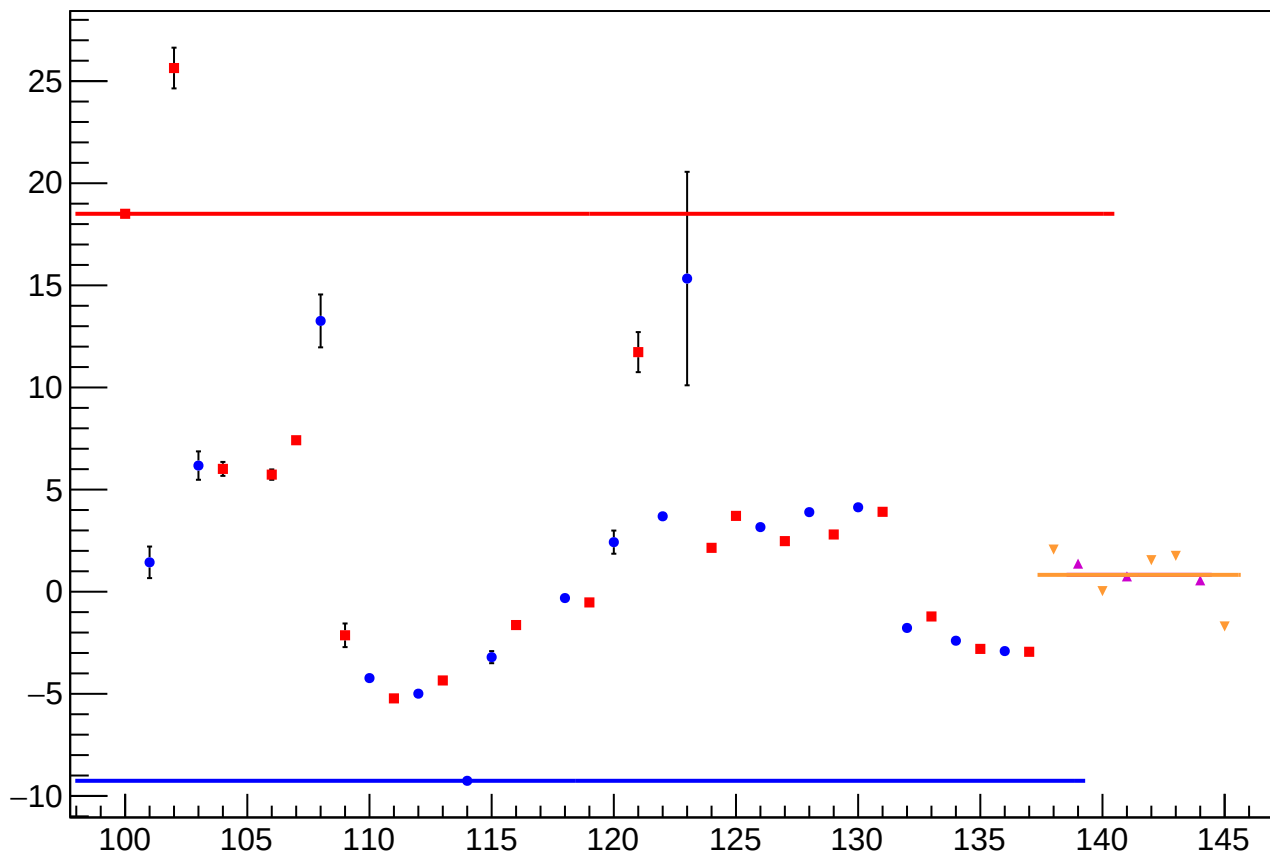
Right: -38.159+/-0.000 χ^2/NDF : 129765212680709

In: -42.744+/-0.000 χ^2/NDF : 44939.6/19

Out: -29.754+/-0.000 χ^2/NDF : 1214583.4/23

All: -38.159+/-0.000 χ^2/NDF : 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF : 405850.5/16

Left Out: 0.825+/-0.018 χ^2/NDF :3736.8/4

Right Out: 18.504+/-0.000 χ^2/NDF : 7366781.0/18

Left In: 0.827+/-0.019 χ^2/NDF :214.8/2

Left: 0.826+/-0.013 χ^2/NDF : 3951.6/7

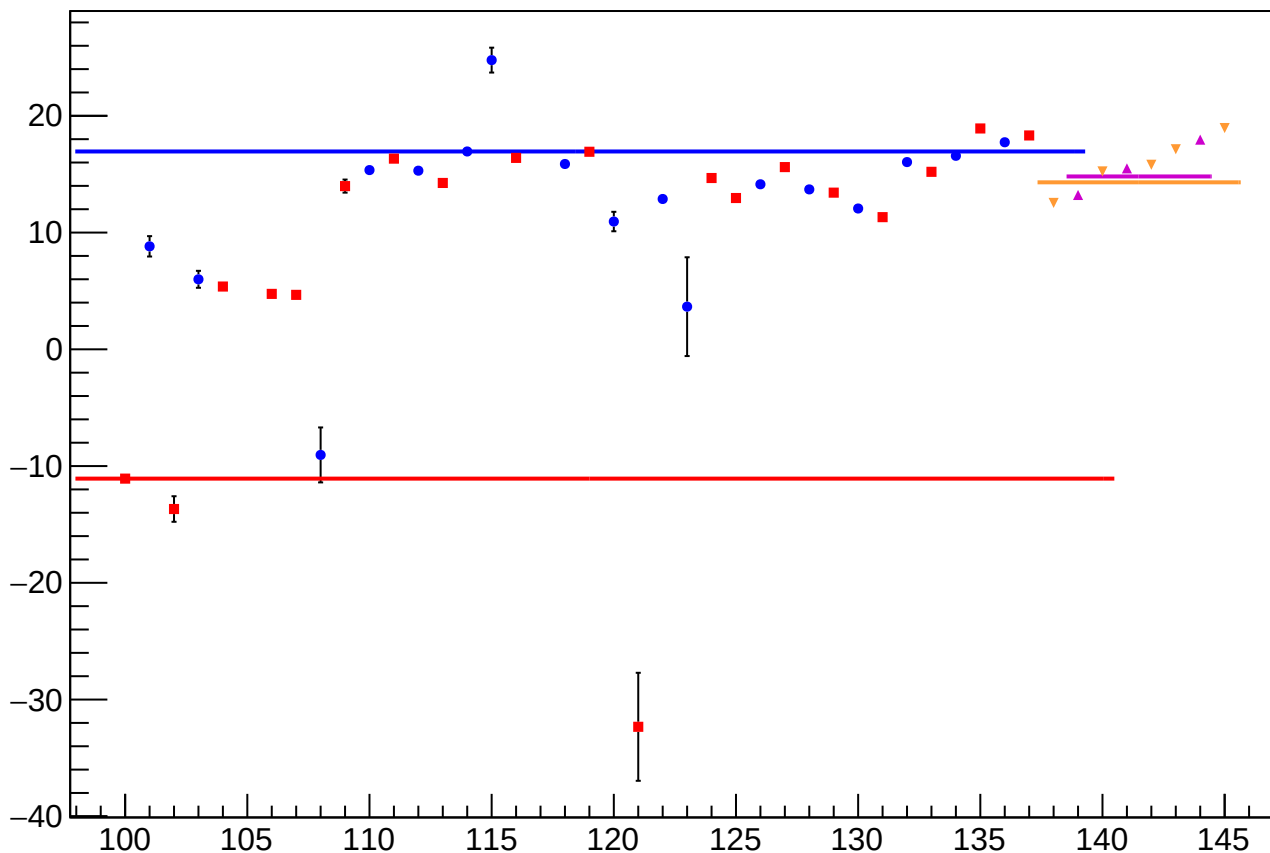
Right: 6.039+/-0.000 χ^2/NDF : 16450574505955581

In: -9.259+/-0.000 χ^2/NDF :691722.3/19

Out: 18.504+/-0.000 χ^2/NDF :8356001.2/23

All: 6.039+/-0.000 χ^2/NDF : 16450574505955581

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 14.303 $\pm$ 0.020 χ^2 /NDF:8254.9/4

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

Left In: 14.807 $\pm$ 0.029 χ^2 /NDF:3084.9/2

Left: 14.469 $\pm$ 0.016 χ^2 /NDF: 11548.5/7

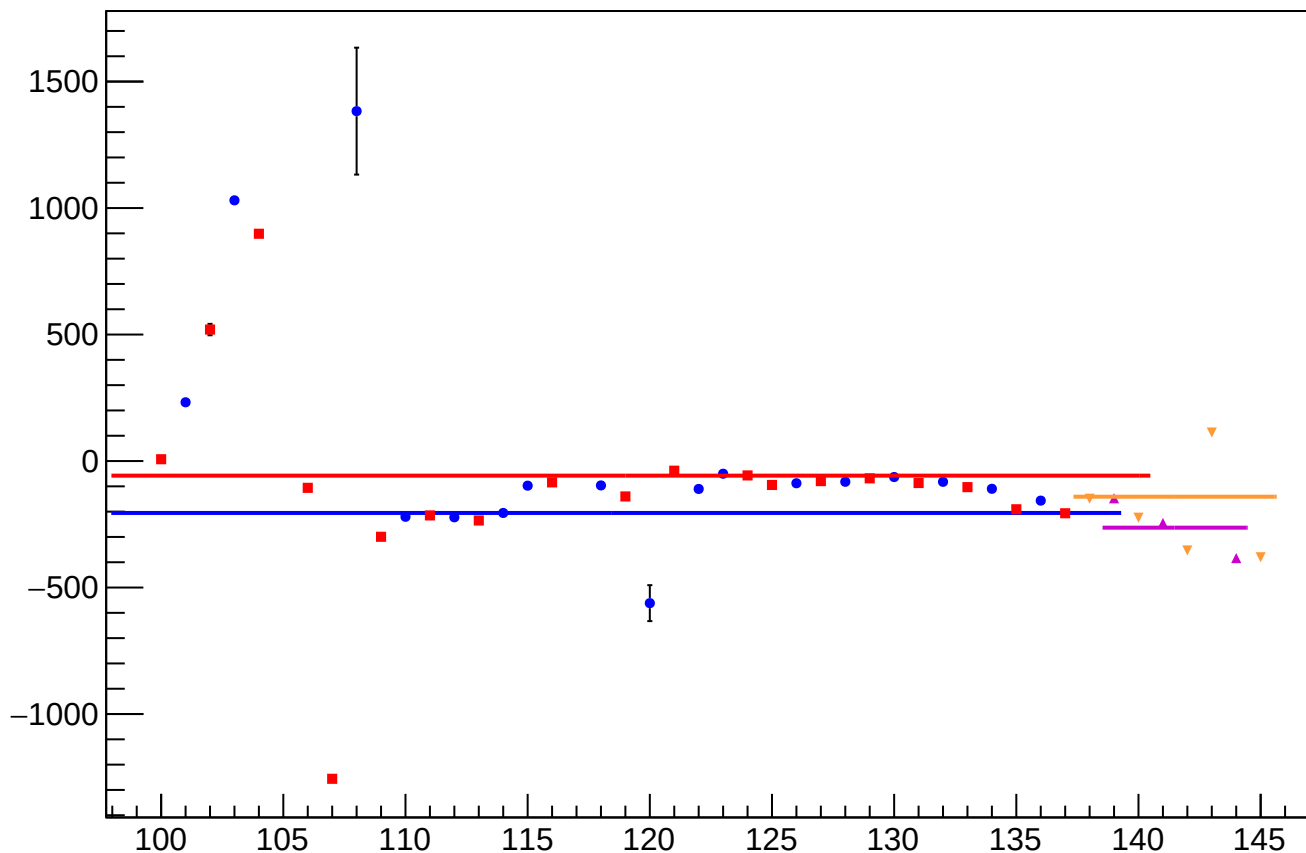
Right: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635666

In: 16.947 $\pm$ 0.000 χ^2 /NDF:19923.4/19

Out: -11.075 $\pm$ 0.000 χ^2 /NDF:4334781.4/23

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -140.895+/-0.550 χ^2/NDF : 40888.4/4

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

Left In: -263.331+/-0.756 χ^2/NDF : 13390.0/2

Left: -183.284+/-0.445 χ^2/NDF : 71407.0/7

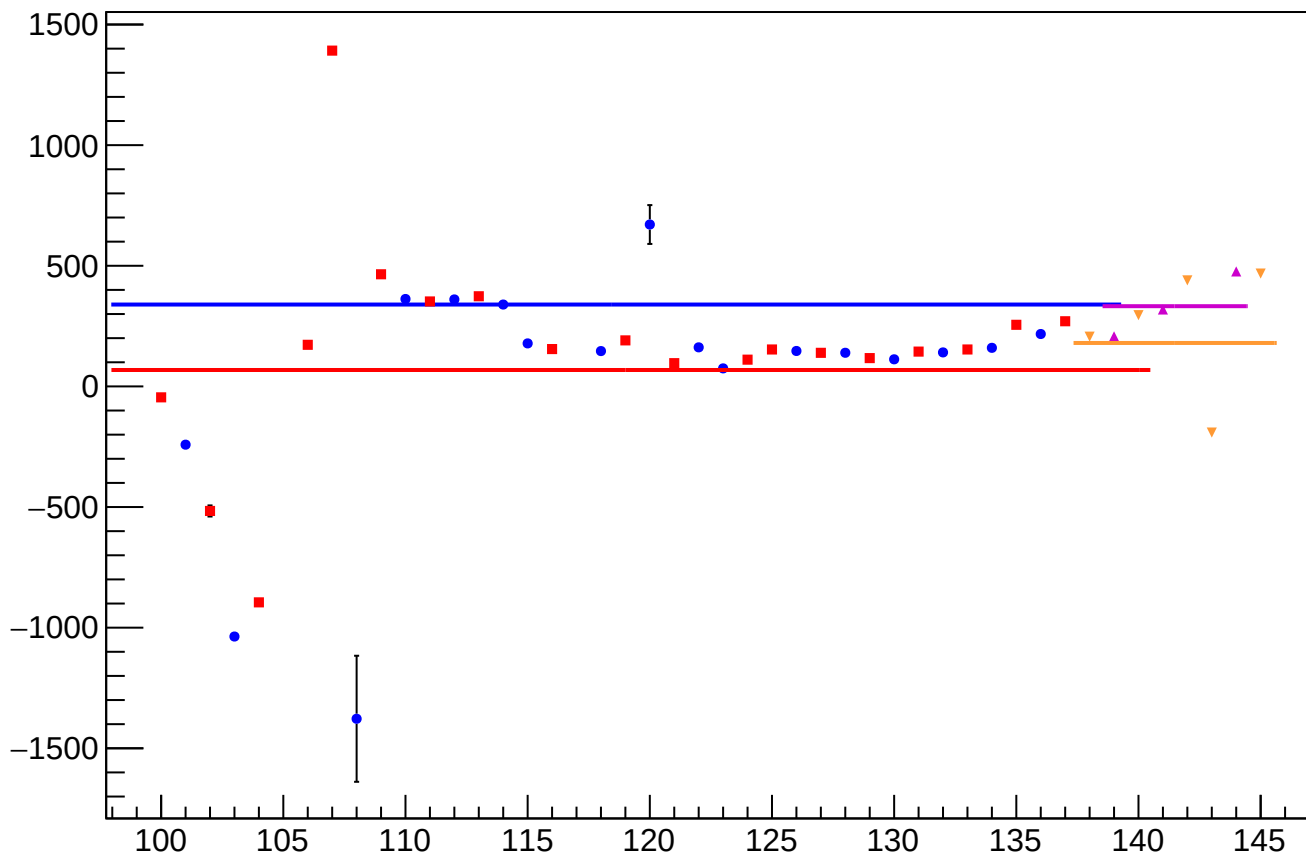
Right: -205.160+/-0.000 χ^2/NDF : 968522.3/35

In: -205.160+/-0.000 χ^2/NDF : 602079.7/19

Out: -75.114+/-0.252 χ^2/NDF : 173807.9/23

All: -205.160+/-0.000 χ^2/NDF : 1042344.9/43

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325 ± 0.000 χ^2/NDF : 1030606.3/16

Left Out: 180.062 ± 0.566 χ^2/NDF : 76560.5/4

Right Out: 68.024 ± 0.286 χ^2/NDF : 272330.9/18

Left In: 332.488 ± 0.817 χ^2/NDF : 13658.4/2

Left: 229.554 ± 0.465 χ^2/NDF : 113748.9/7

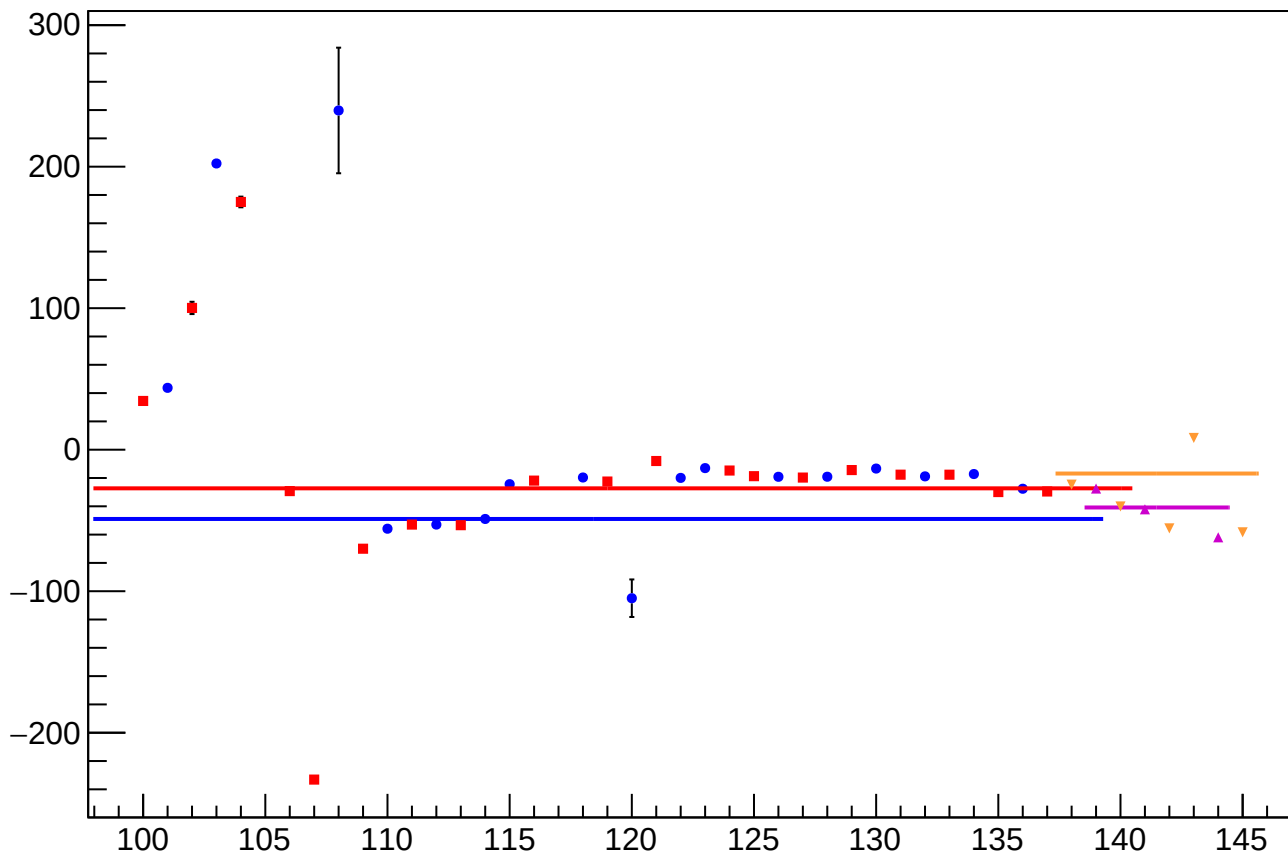
Right: 339.325 ± 0.000 χ^2/NDF : 2202286.8/35

In: 339.325 ± 0.000 χ^2/NDF : 1044334.8/19

Out: 90.807 ± 0.255 χ^2/NDF : 380081.4/23

All: 339.325 ± 0.000 χ^2/NDF : 2371689.7/43

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -16.842 ± 0.021 $\chi^2/\text{NDF}: 527483.2/4$

Right Out: -27.303 ± 0.052 $\chi^2/\text{NDF}: 167879.9/18$

Left In: -40.831 ± 0.064 $\chi^2/\text{NDF}: 17504.3/2$

Left: -19.213 ± 0.020 $\chi^2/\text{NDF}: 673302.9/7$

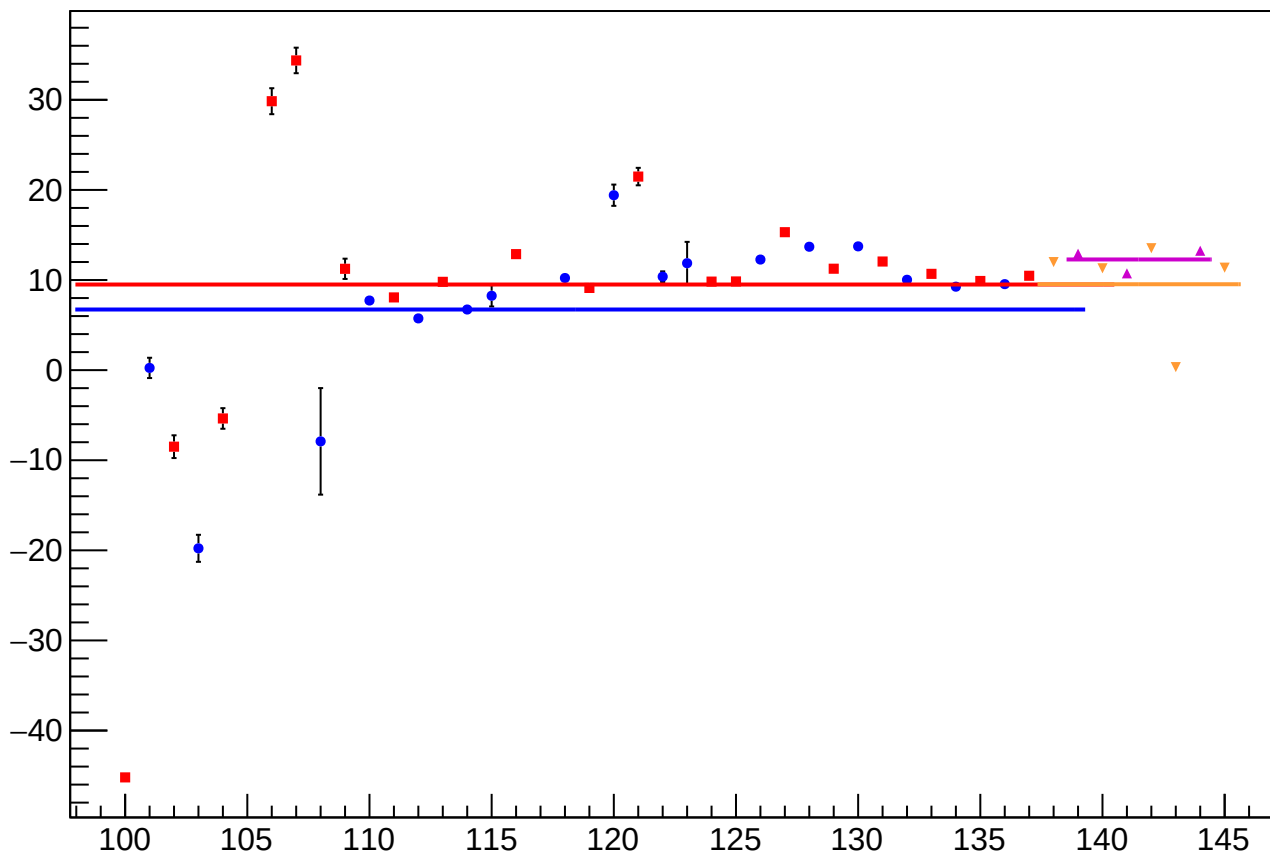
Right: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5751523.0/35$

In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5442164.1/19$

Out: -18.330 ± 0.019 $\chi^2/\text{NDF}: 730489.3/23$

All: -48.945 ± 0.000 $\chi^2/\text{NDF}: 8637864.2/43$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 9.533 $\pm$ 0.035 χ^2 /NDF:20365.8/4

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

Left In: 12.282 $\pm$ 0.047 χ^2 /NDF:555.4/2

Left: 10.487 $\pm$ 0.028 χ^2 /NDF: 23124.5/7

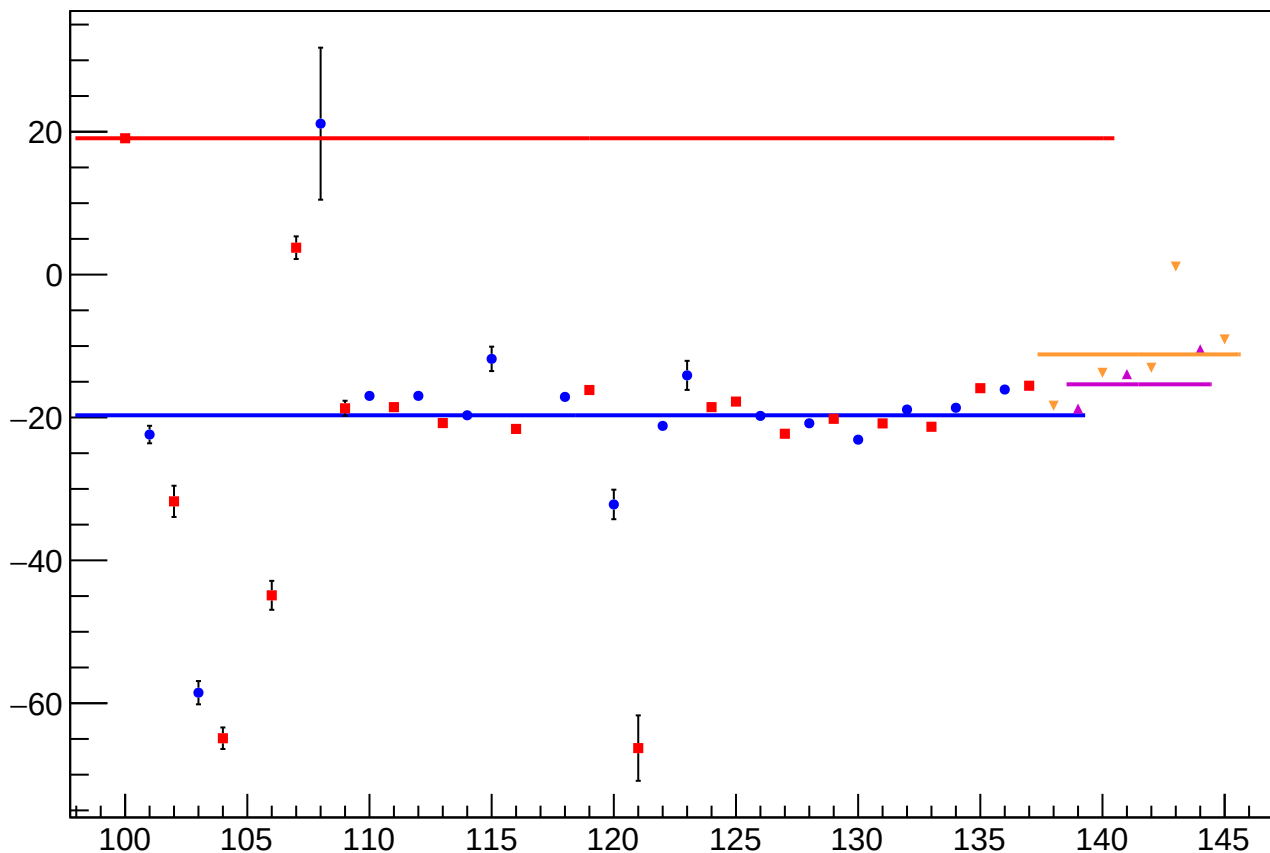
Right: 6.728 $\pm$ 0.000 χ^2 /NDF: 46635.2/35

In: 6.728 $\pm$ 0.000 χ^2 /NDF:28068.2/19

Out: 9.518 $\pm$ 0.025 χ^2 /NDF:47188.4/23

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 87927.2/43

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 7579.0/16$

Left Out: -11.170 ± 0.050 $\chi^2/\text{NDF}: 16889.5/4$

Right Out: 19.086 ± 0.000 $\chi^2/\text{NDF}: 610746.9/18$

Left In: -15.359 ± 0.071 $\chi^2/\text{NDF}: 2251.6/2$

Left: -12.538 ± 0.041 $\chi^2/\text{NDF}: 21457.2/7$

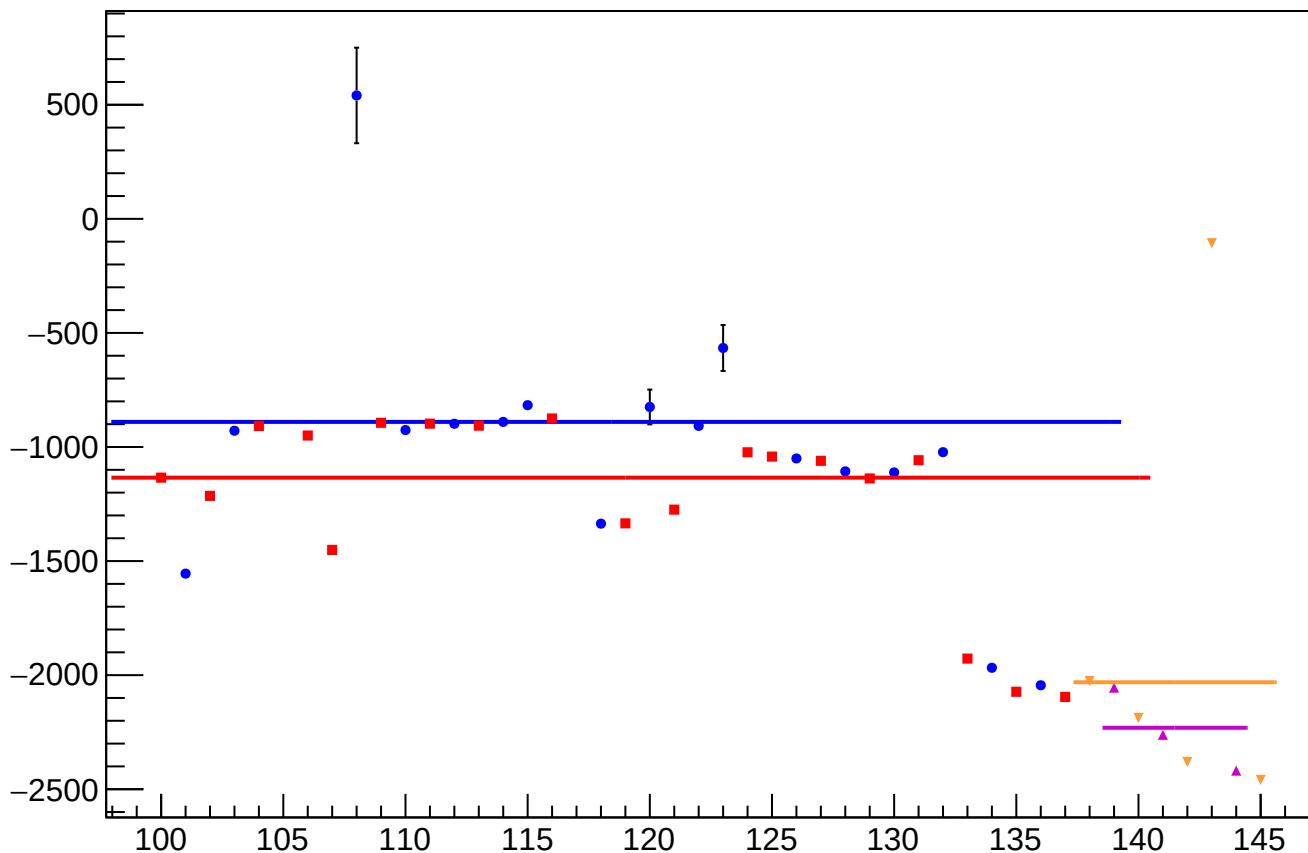
Right: -6.006 ± 0.000 $\chi^2/\text{NDF}: 4625637731292657$

In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 13514.5/19$

Out: 19.086 ± 0.000 $\chi^2/\text{NDF}: 997681.5/23$

All: -6.006 ± 0.000 $\chi^2/\text{NDF}: 4625637731292$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2031.170+/-1.172 χ^2/NDF :253941.6/4

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

Left In: -2230.623+/-1.134 χ^2/NDF :18825.5/2

Left: -2134.135+/-0.815 χ^2/NDF : 287721.9/7

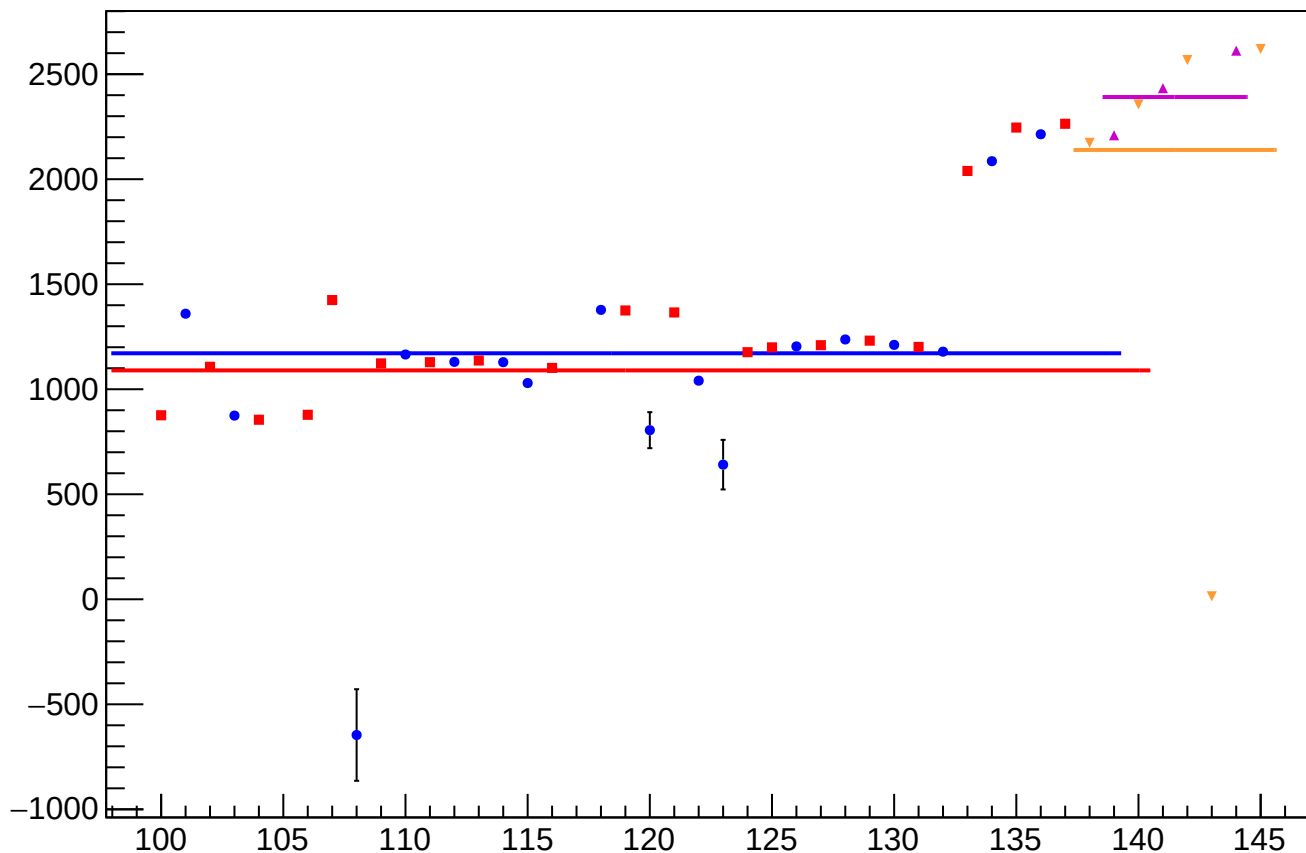
Right: -976.220+/-0.000 χ^2/NDF : 44889787387498

In: -889.928+/-0.000 χ^2/NDF :2191485.5/19

Out: -1134.421+/-0.000 χ^2/NDF :1573341.0/23

All: -976.220+/-0.000 χ^2/NDF : 44889787387

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188+/-0.245 χ^2/NDF : 508989.2/16

Left Out: 2139.278+/-1.239 χ^2/NDF : 295441.3/4

Right Out: 1089.705+/-0.253 χ^2/NDF : 1100321.6/18

Left In: 2391.271+/-1.232 χ^2/NDF : 18326.3/2

Left: 2265.971+/-0.874 χ^2/NDF : 334560.0/7

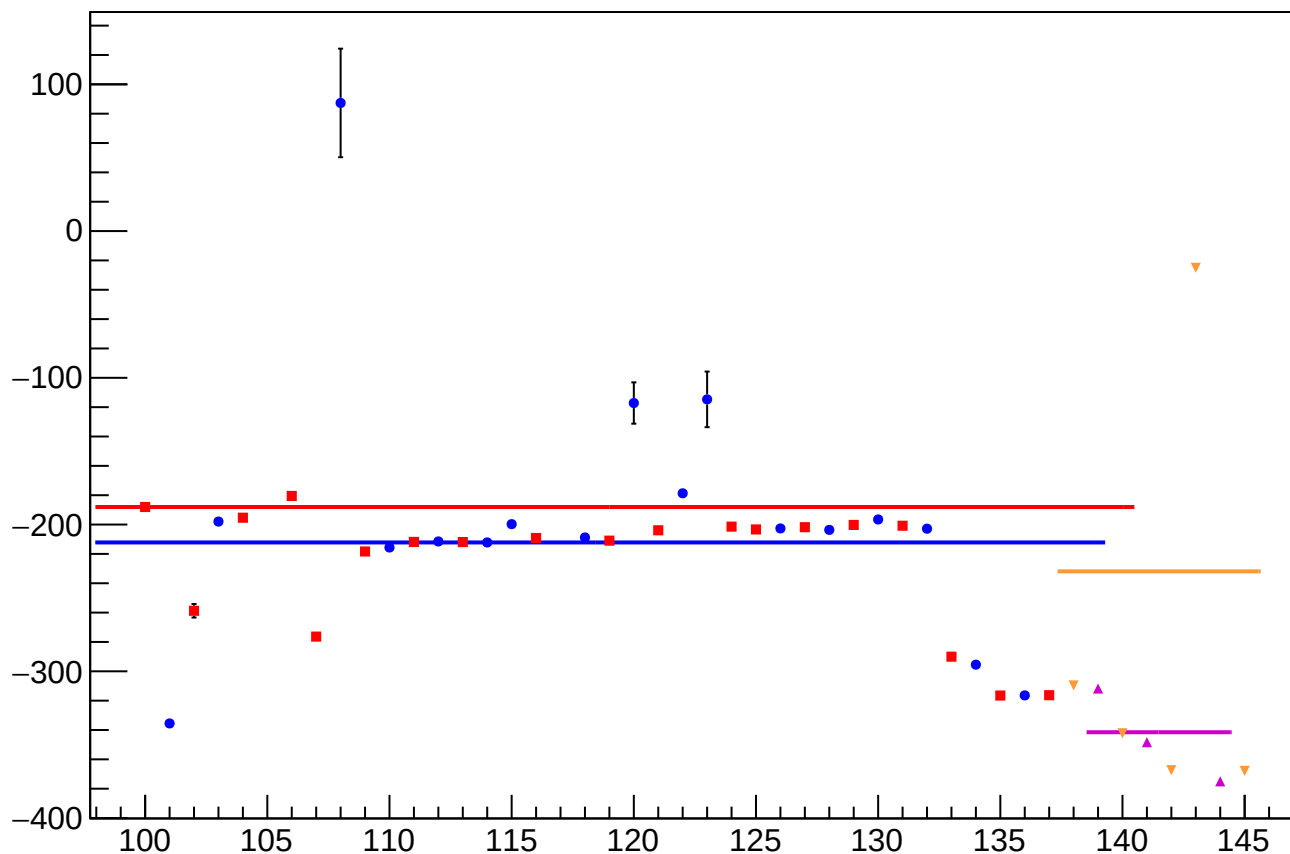
Right: 1131.764+/-0.176 χ^2/NDF : 1662665.0/35

In: 1217.717+/-0.241 χ^2/NDF : 1470194.1/19

Out: 1131.849+/-0.248 χ^2/NDF : 2084398.2/23

All: 1176.127+/-0.173 χ^2/NDF : 3616257.9/43

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -231.898 ± 0.060 $\chi^2/\text{NDF}: 4905487.5/4$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

Left In: -341.516 ± 0.098 $\chi^2/\text{NDF}: 37541.1/2$

Left: -261.391 ± 0.051 $\chi^2/\text{NDF}: 5853024.3/7$

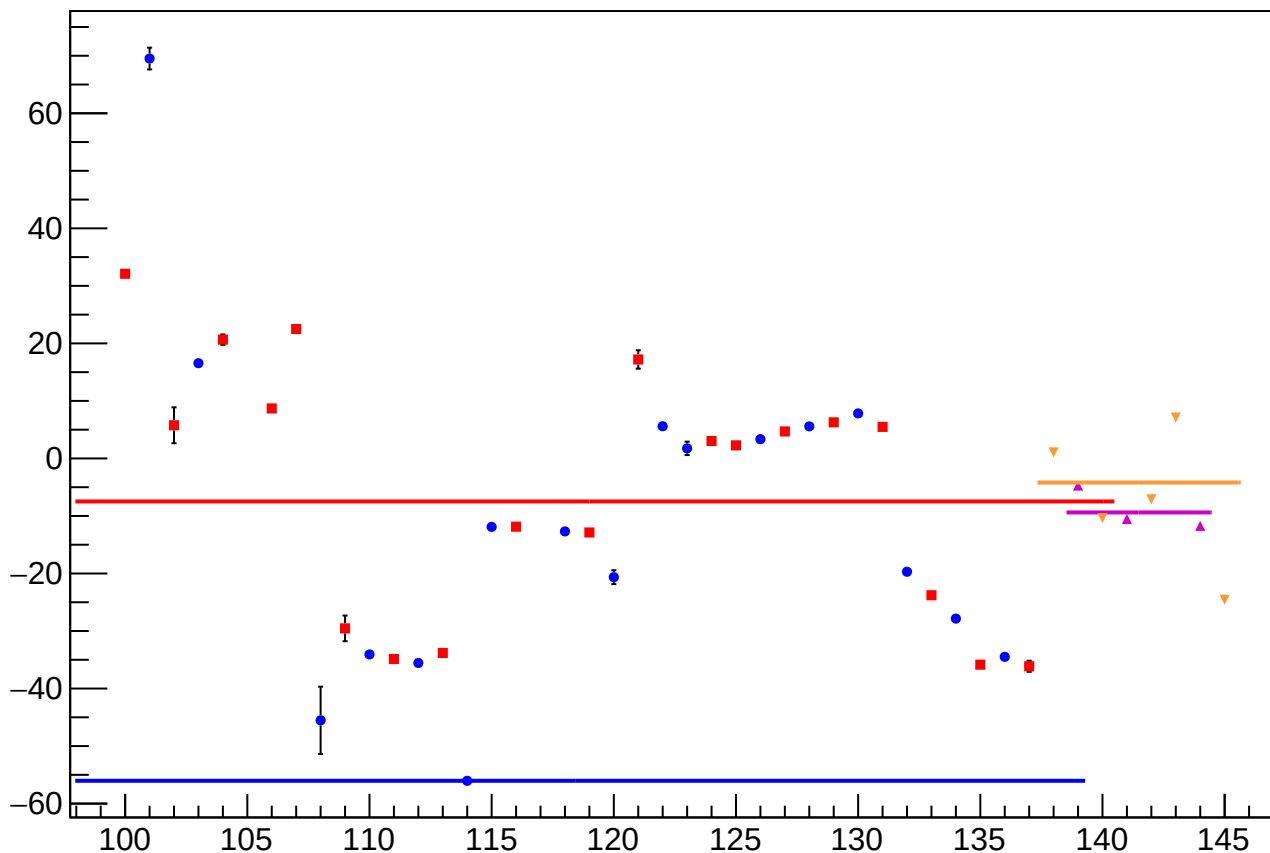
Right: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625661$

In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 2919588.3/19$

Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 6049326.4/23$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 1585420.7/16$

Left Out: -4.190 ± 0.092 $\chi^2/\text{NDF}: 8676.8/4$

Right Out: -7.476 ± 0.042 $\chi^2/\text{NDF}: 173893.8/18$

Left In: -9.386 ± 0.076 $\chi^2/\text{NDF}: 1108.7/2$

Left: -7.280 ± 0.059 $\chi^2/\text{NDF}: 11680.3/7$

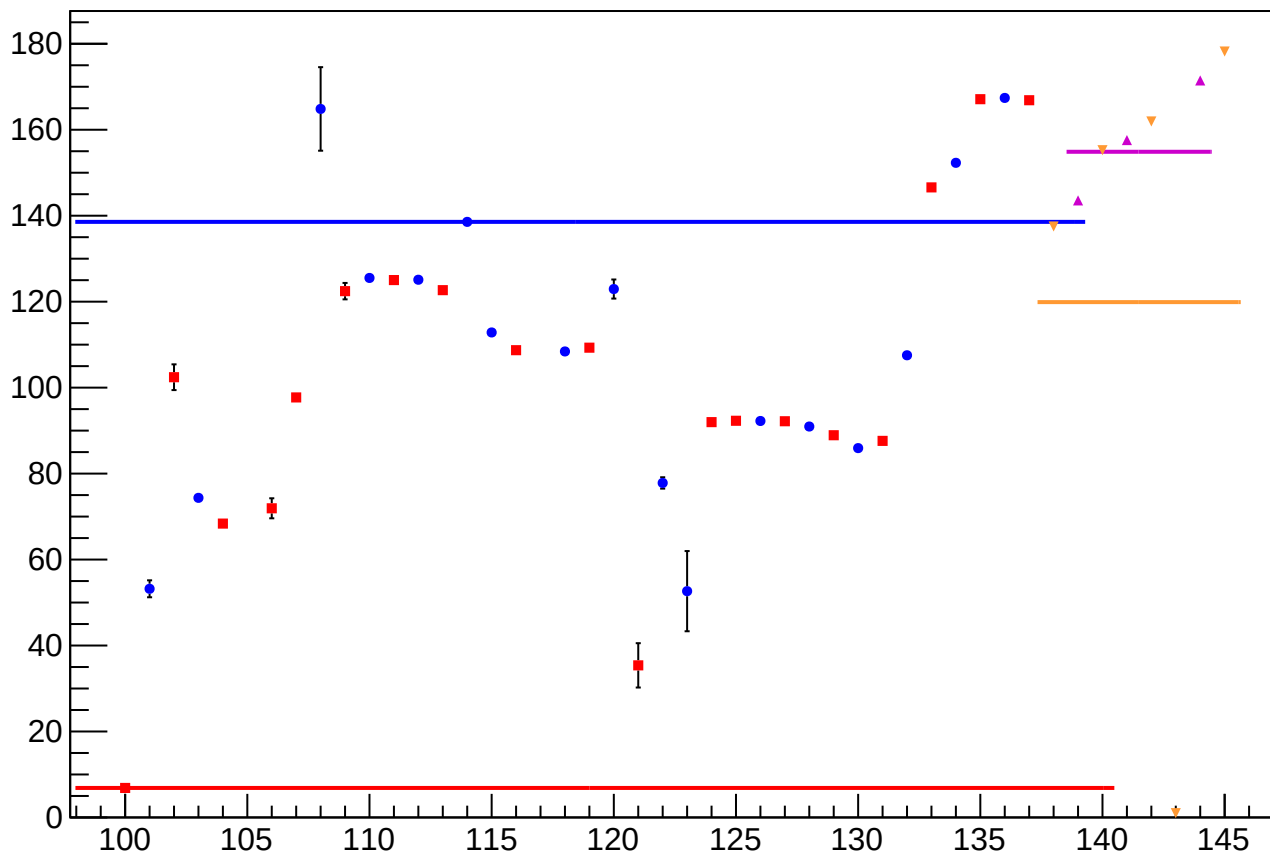
Right: -56.037 ± 0.000 $\chi^2/\text{NDF}: 3084882.3/35$

In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 1963341.7/19$

Out: -6.906 ± 0.038 $\chi^2/\text{NDF}: 183624.0/23$

All: -56.037 ± 0.000 $\chi^2/\text{NDF}: 3788840.6/43$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF : 901159.7/16

Left Out: 119.896+/-0.126 χ^2/NDF : 268308.7/4

Right Out: 6.866+/-0.000 χ^2/NDF : 8047391.7/18

Left In: 154.873+/-0.093 χ^2/NDF : 7489.2/2

Left: 142.471+/-0.075 χ^2/NDF : 325620.0/7

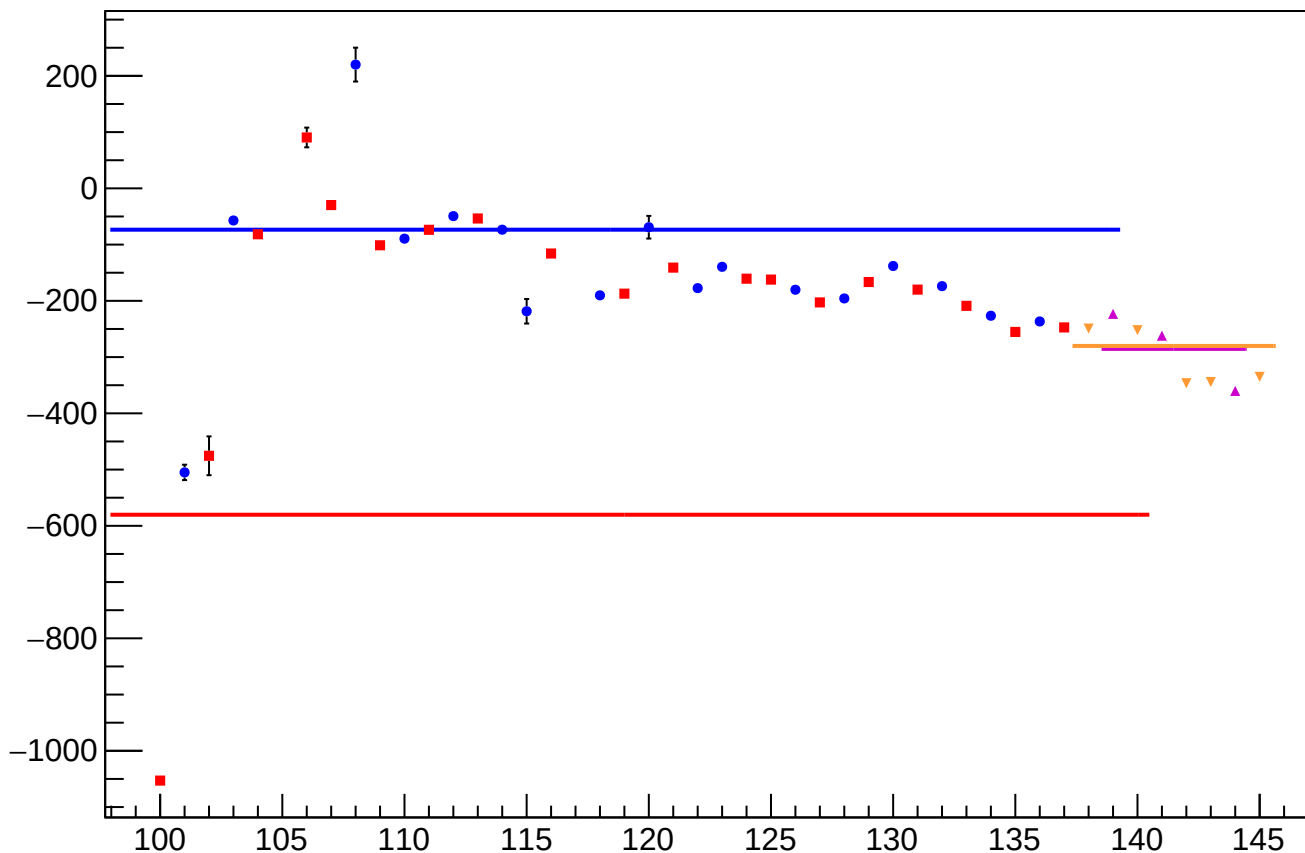
Right: 7.101+/-0.000 χ^2/NDF : 23576822681928678

In: 138.565+/-0.000 χ^2/NDF : 939195.1/19

Out: 6.866+/-0.000 χ^2/NDF : 9121822.5/23

All: 7.101+/-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: -280.189 ± 0.488 $\chi^2/\text{NDF}: 7998.2/4$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

Left In: -285.395 ± 0.559 $\chi^2/\text{NDF}: 7309.6/2$

Left: -282.440 ± 0.367 $\chi^2/\text{NDF}: 15357.1/7$

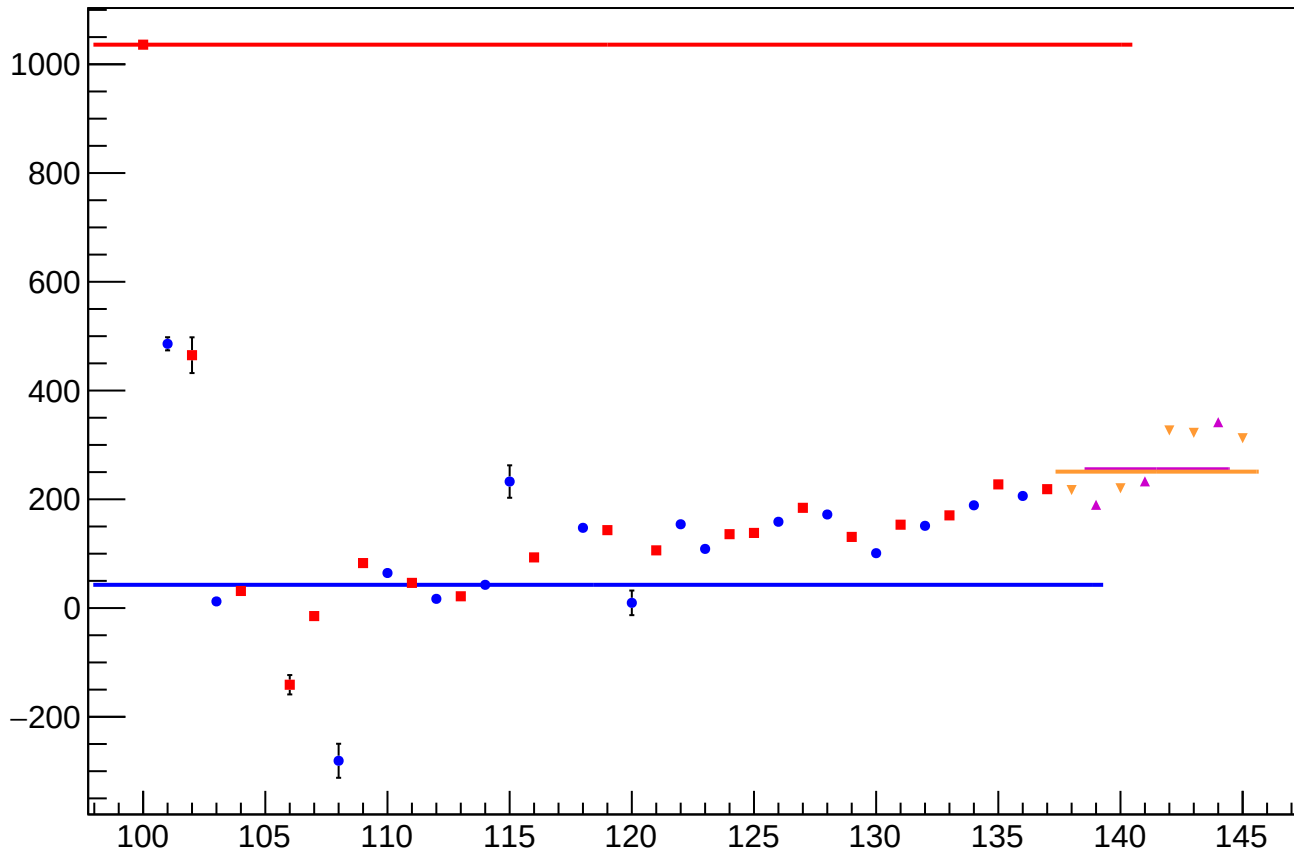
Right: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6902096.9/35$

In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 249875.0/19$

Out: -513.455 ± 0.230 $\chi^2/\text{NDF}: 3334026.9/23$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7240980.4/43$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2 /NDF: 84599.8/16

Left Out: 250.878+/-0.510 χ^2 /NDF: 9014.5/4

Right Out: 1036.068+/-0.000 χ^2 /NDF: 4933722.5/18

Left In: 255.237+/-0.590 χ^2 /NDF: 7514.8/2

Left: 252.742+/-0.386 χ^2 /NDF: 16560.6/7

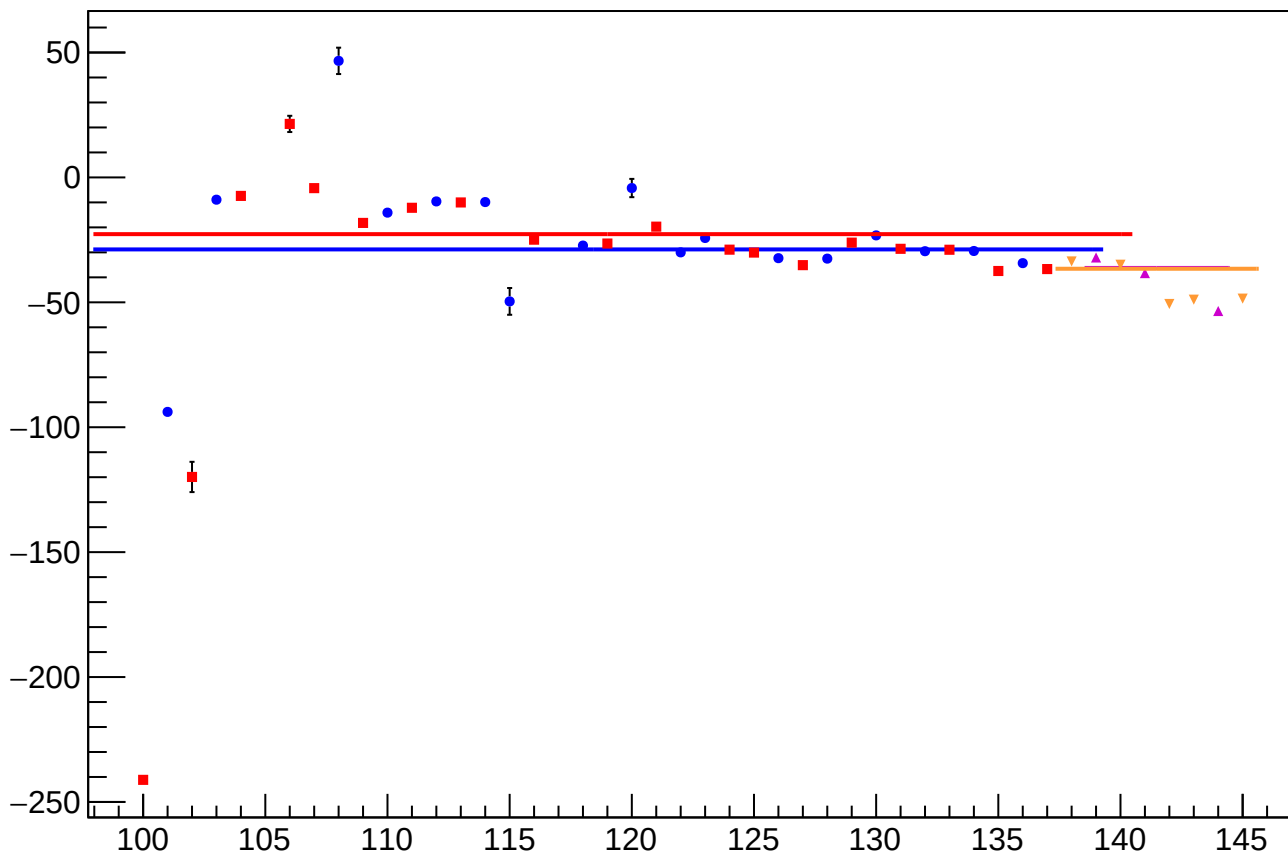
Right: 43.272+/-0.000 χ^2 /NDF: 1144517497266833

In: 42.743+/-0.000 χ^2 /NDF: 221781.6/19

Out: 1036.068+/-0.000 χ^2 /NDF: 7312752.0/23

All: 43.272+/-0.000 χ^2 /NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -36.561 ± 0.032 $\chi^2/\text{NDF}: 34384.0/4$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

Left In: -36.237 ± 0.043 $\chi^2/\text{NDF}: 17912.7/2$

Left: -36.445 ± 0.026 $\chi^2/\text{NDF}: 52332.6/7$

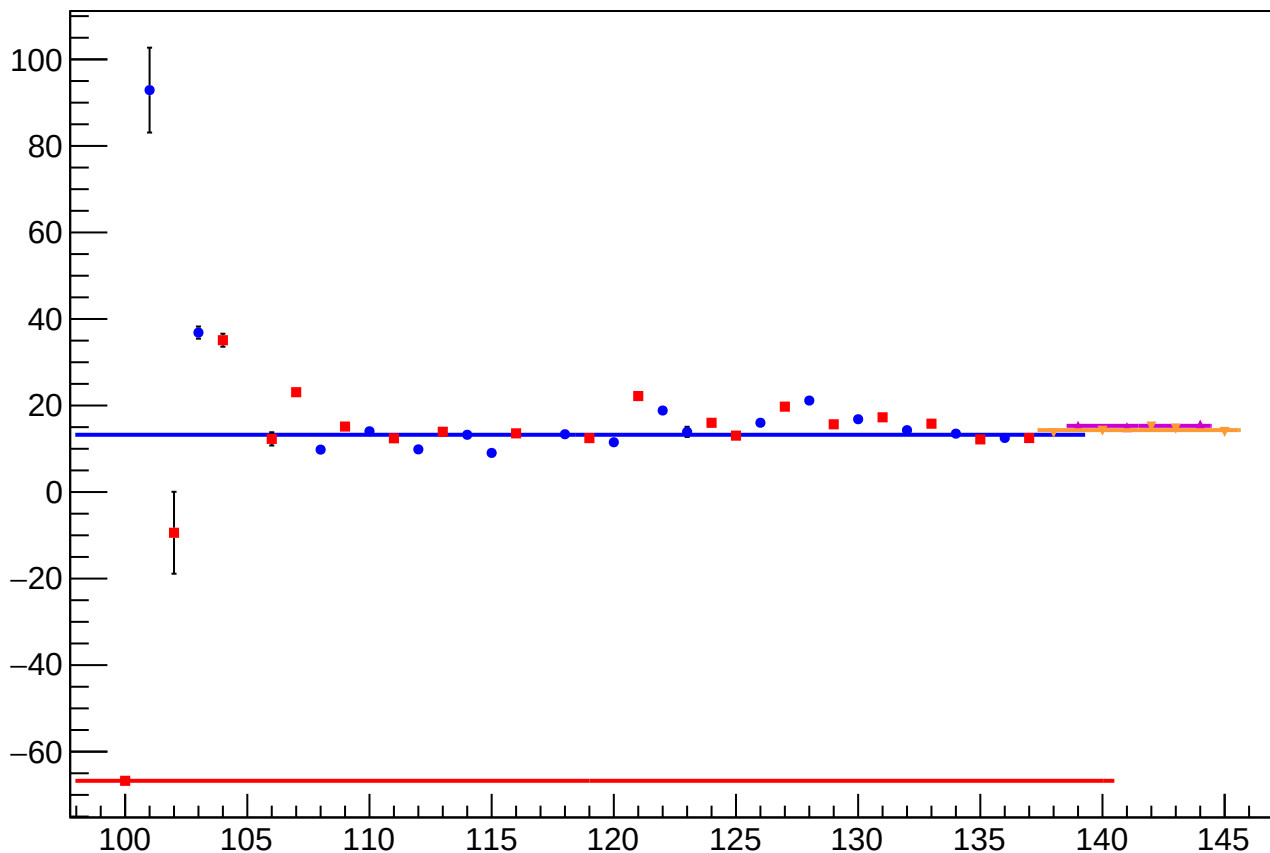
Right: -26.045 ± 0.026 $\chi^2/\text{NDF}: 473753.1/35$

In: -31.724 ± 0.027 $\chi^2/\text{NDF}: 85242.3/19$

Out: -30.772 ± 0.025 $\chi^2/\text{NDF}: 521599.1/23$

All: -31.202 ± 0.018 $\chi^2/\text{NDF}: 607517.0/43$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 14.312 $\pm$ 0.035 χ^2 /NDF:130.1/4

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

Left In: 15.303 $\pm$ 0.037 χ^2 /NDF:50.2/2

Left: 14.786 $\pm$ 0.025 χ^2 /NDF: 561.9/7

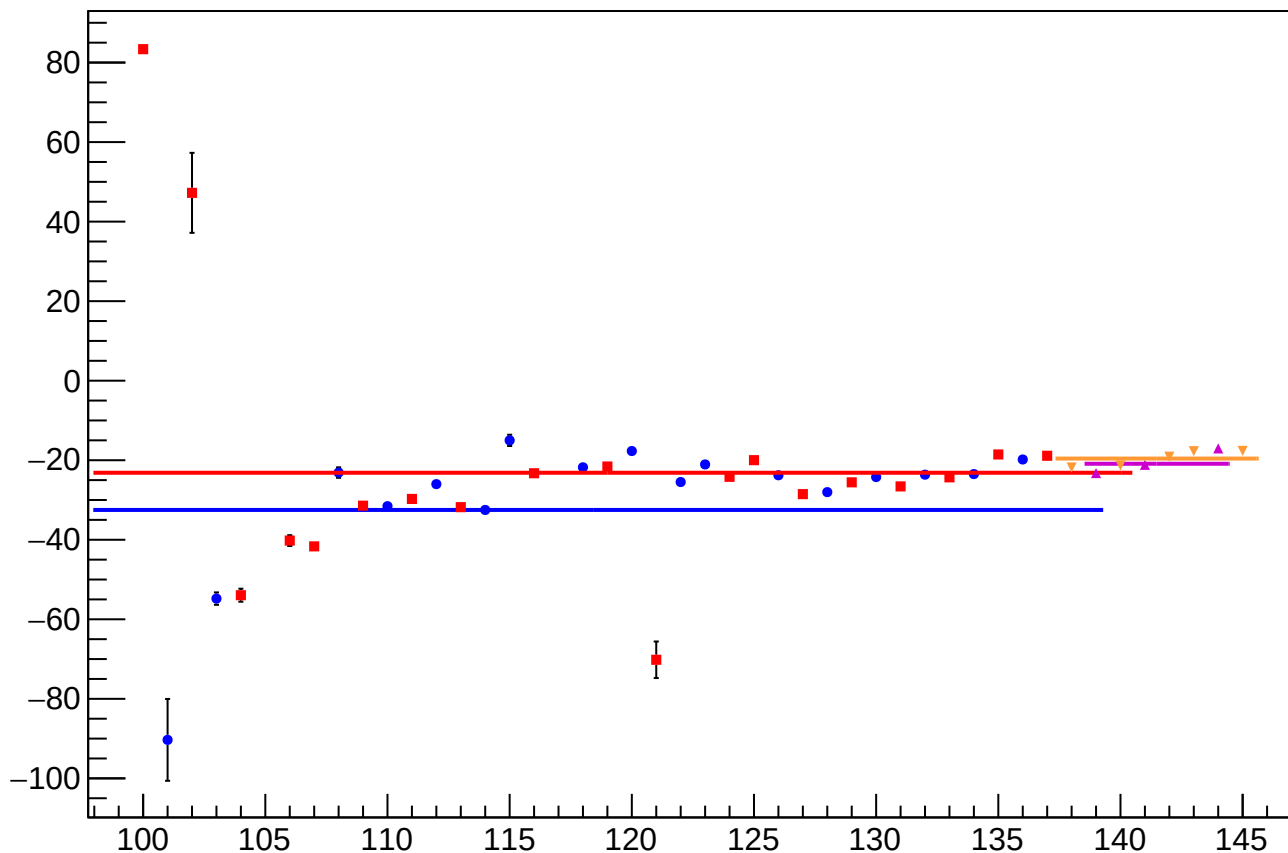
Right: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651005

In: 13.238 $\pm$ 0.000 χ^2 /NDF:8984.0/19

Out: -66.739 $\pm$ 0.000 χ^2 /NDF:8365300.9/23

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -19.581 ± 0.043 χ^2/NDF : 1771.7/4

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

Left In: -20.890 ± 0.065 χ^2/NDF : 1518.4/2

Left: -19.985 ± 0.036 χ^2/NDF : 3571.0/7

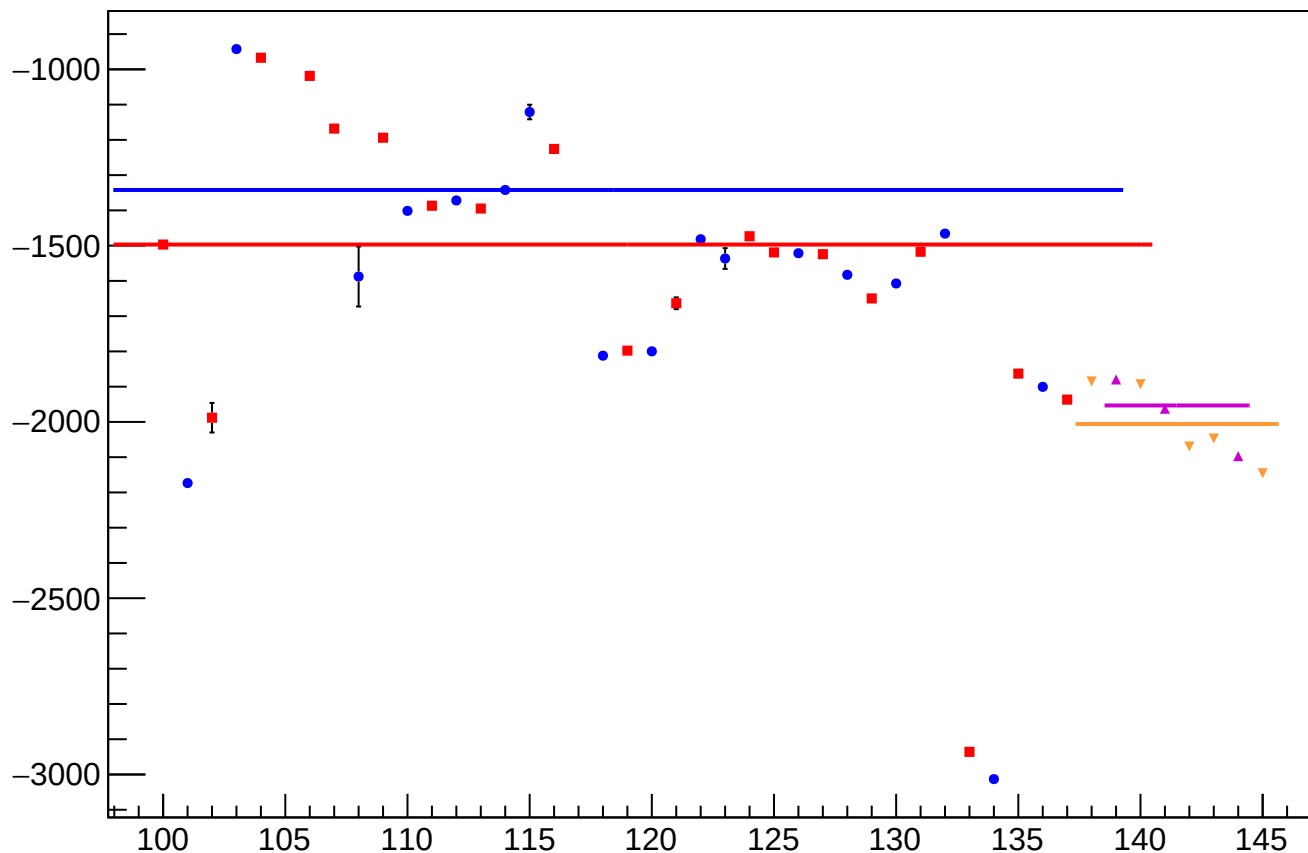
Right: -32.504 ± 0.000 χ^2/NDF : 203519.3/35

In: -32.504 ± 0.000 χ^2/NDF : 107666.1/19

Out: -21.200 ± 0.032 χ^2/NDF : 95593.0/23

All: -32.504 ± 0.000 χ^2/NDF : 327488.7/43

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -2005.959+/-1.028 χ^2/NDF : 9102.5/4

Right Out: -1496.932+/-0.000 χ^2/NDF : 504712.5/18

Left In: -1953.329+/-0.775 χ^2/NDF : 12501.2/2

Left: -1972.409+/-0.619 χ^2/NDF : 23273.7/7

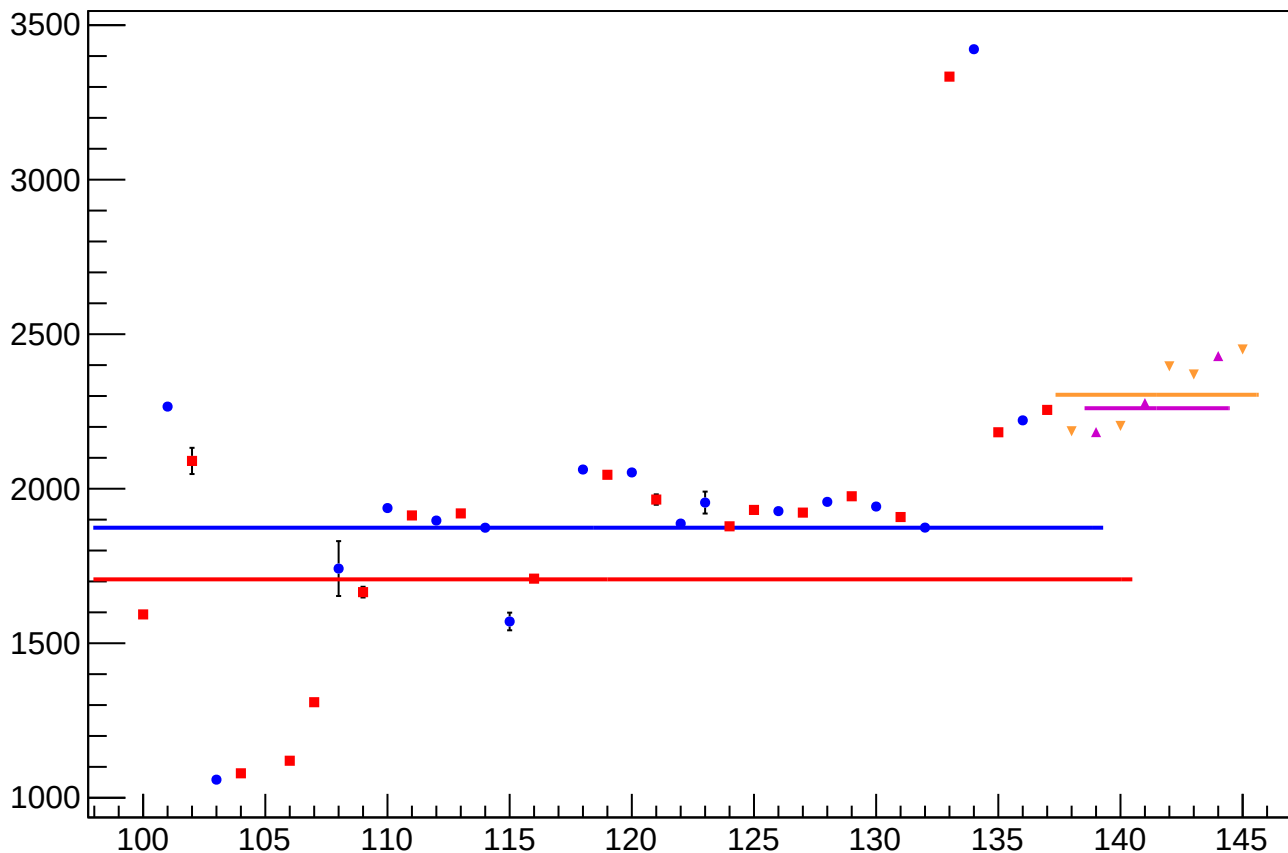
Right: -1396.751+/-0.000 χ^2/NDF : 1800086126763

In: -1342.107+/-0.000 χ^2/NDF : 1004720.8/19

Out: -1496.932+/-0.000 χ^2/NDF : 758881.7/23

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 $\pm$ 0.000 χ^2 /NDF: 201563.9/16

Left Out: 2304.023 $\pm$ 1.142 χ^2 /NDF: 7158.5/4

Right Out: 1706.739 $\pm$ 0.302 χ^2 /NDF: 837936.9/18

Left In: 2260.488 $\pm$ 0.805 χ^2 /NDF: 14079.7/2

Left: 2274.928 $\pm$ 0.658 χ^2 /NDF: 22208.7/7

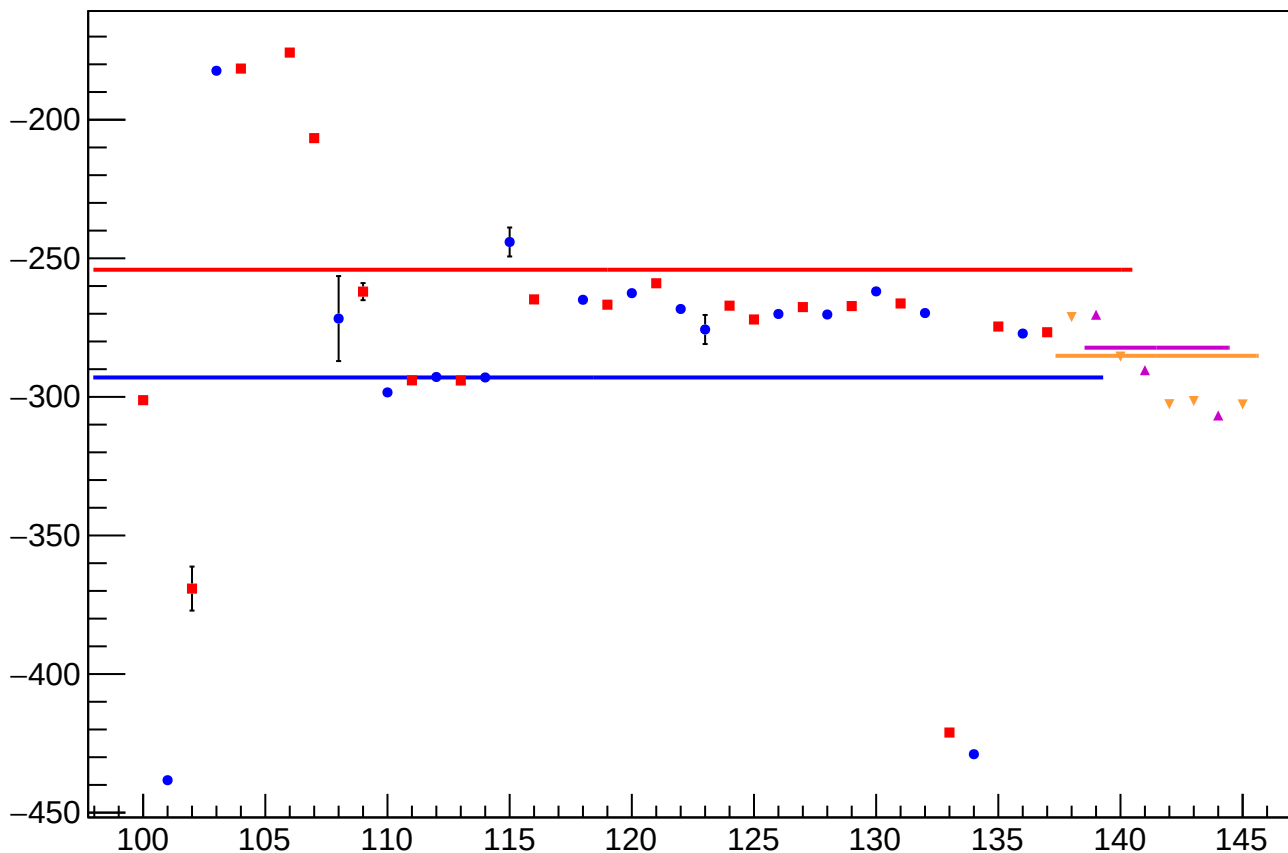
Right: 1873.852 $\pm$ 0.000 χ^2 /NDF: 1344906.8/35

In: 1873.852 $\pm$ 0.000 χ^2 /NDF: 446441.7/19

Out: 1745.848 $\pm$ 0.292 χ^2 /NDF: 1100550.1/23

All: 1873.852 $\pm$ 0.000 χ^2 /NDF: 1738732.9/43

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -285.171 ± 0.073 $\chi^2/\text{NDF}: 36326.7/4$

Right Out: -254.119 ± 0.059 $\chi^2/\text{NDF}: 502658.5/18$

Left In: -282.246 ± 0.059 $\chi^2/\text{NDF}: 45034.7/2$

Left: -283.396 ± 0.046 $\chi^2/\text{NDF}: 82323.6/7$

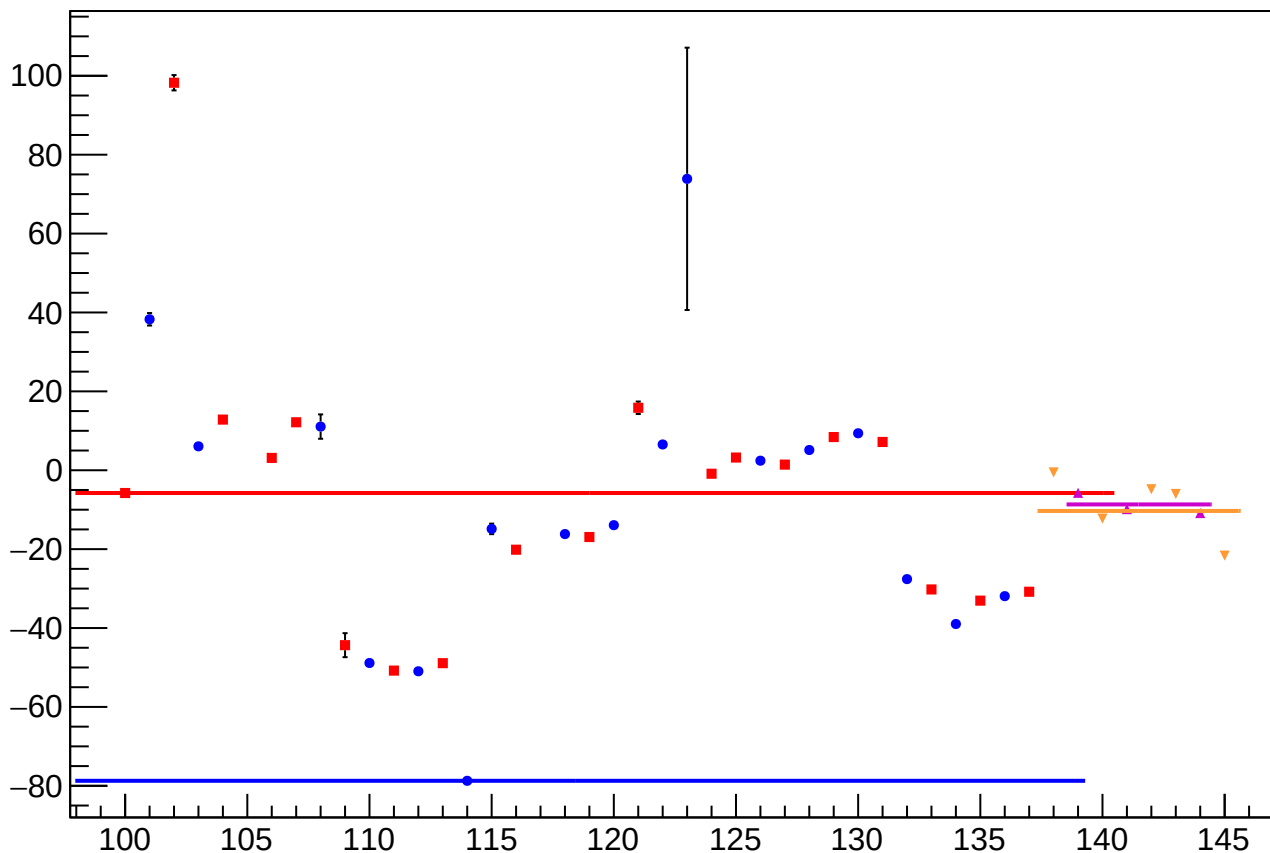
Right: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1952225.7/35$

In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1093624.1/19$

Out: -266.291 ± 0.046 $\chi^2/\text{NDF}: 647572.6/23$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 2077895.2/43$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -10.317 ± 0.073 $\chi^2/\text{NDF}: 3184.2/4$

Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111570.1/18$

Left In: -8.664 ± 0.062 $\chi^2/\text{NDF}: 1068.8/2$

Left: -9.355 ± 0.047 $\chi^2/\text{NDF}: 4554.7/7$

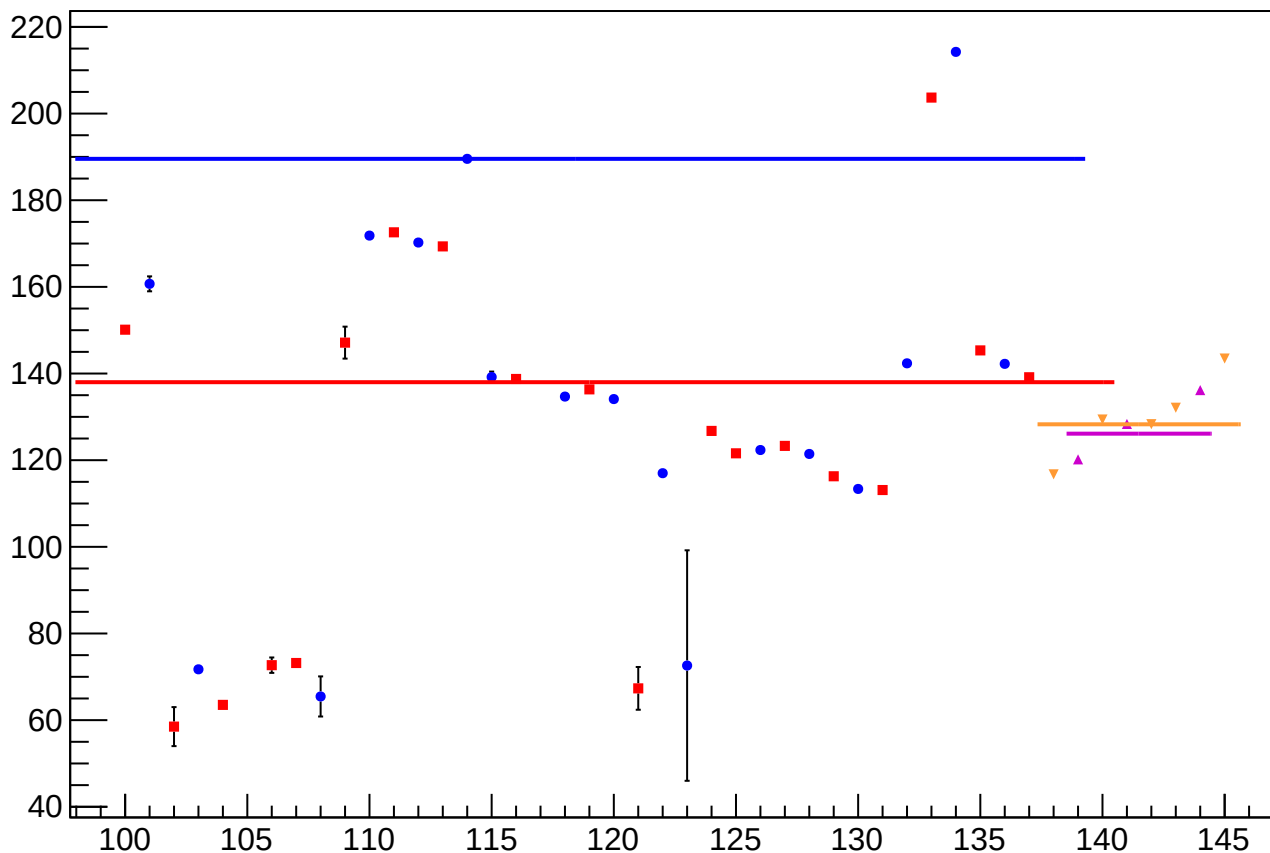
Right: -6.288 ± 0.000 $\chi^2/\text{NDF}: 287879767929380$

In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 2696307.8/19$

Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 118678.8/23$

All: -6.288 ± 0.000 $\chi^2/\text{NDF}: 2878797679293$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 $\pm$ 0.000 χ^2/NDF : 927391.8/16

Left Out: 128.281 $\pm$ 0.092 χ^2/NDF : 4098.5/4

Right Out: 138.002 $\pm$ 0.059 χ^2/NDF : 117357.8/18

Left In: 126.120 $\pm$ 0.065 χ^2/NDF : 5150.6/2

Left: 126.836 $\pm$ 0.053 χ^2/NDF : 9614.6/7

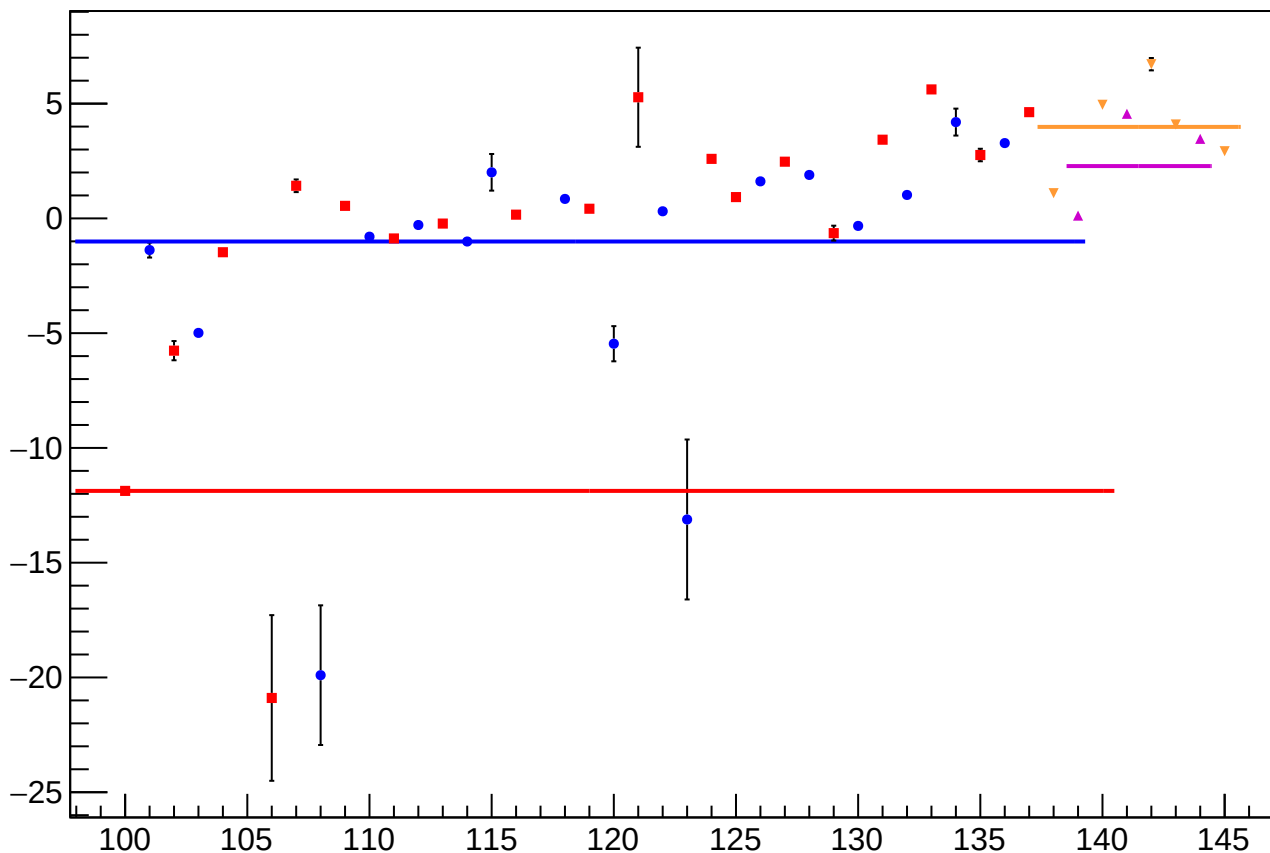
Right: 189.551 $\pm$ 0.000 χ^2/NDF : 1806450.5/35

In: 189.551 $\pm$ 0.000 χ^2/NDF : 1883468.8/19

Out: 135.183 $\pm$ 0.050 χ^2/NDF : 129311.6/23

All: 189.551 $\pm$ 0.000 χ^2/NDF : 3206182.0/43

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007±/0.000 χ^2/NDF : 7057.7/16

Left Out: 3.986±/0.062 χ^2/NDF :473.3/4

Right Out: -11.872±/0.000 χ^2/NDF : 503632.2/18

Left In: 2.279±/0.043 χ^2/NDF :1961.1/2

Left: 2.844±/0.035 χ^2/NDF : 2948.2/7

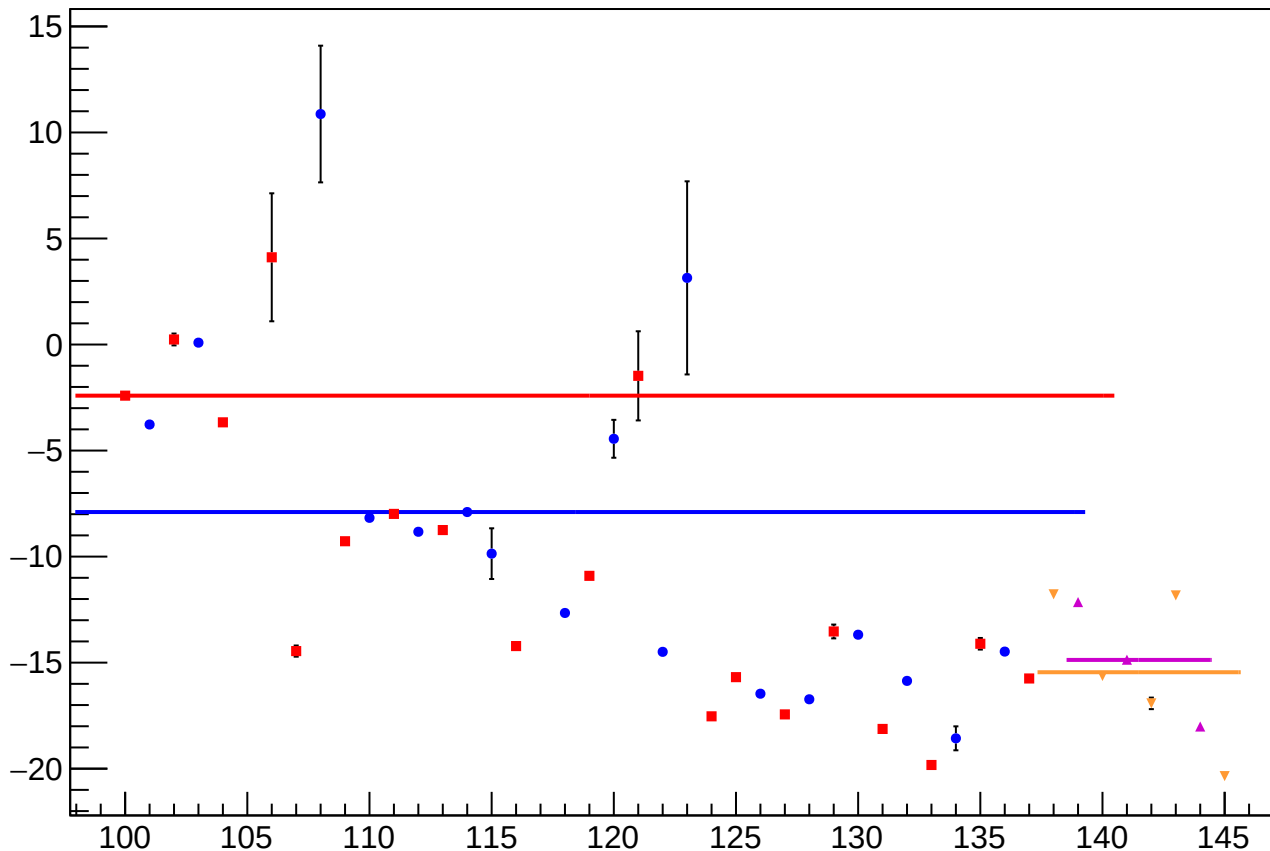
Right: -1.365±/0.000 χ^2/NDF : 2170760676638215

In: -1.007±/0.000 χ^2/NDF :14774.2/19

Out: -11.872±/0.000 χ^2/NDF :570399.3/23

All: -1.365±/0.000 χ^2/NDF : 2170760676638

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -15.453 ± 0.061 χ^2/NDF : 2795.8/4

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

Left In: -14.872 ± 0.062 χ^2/NDF : 1115.6/2

Left: -15.169 ± 0.043 χ^2/NDF : 3956.2/7

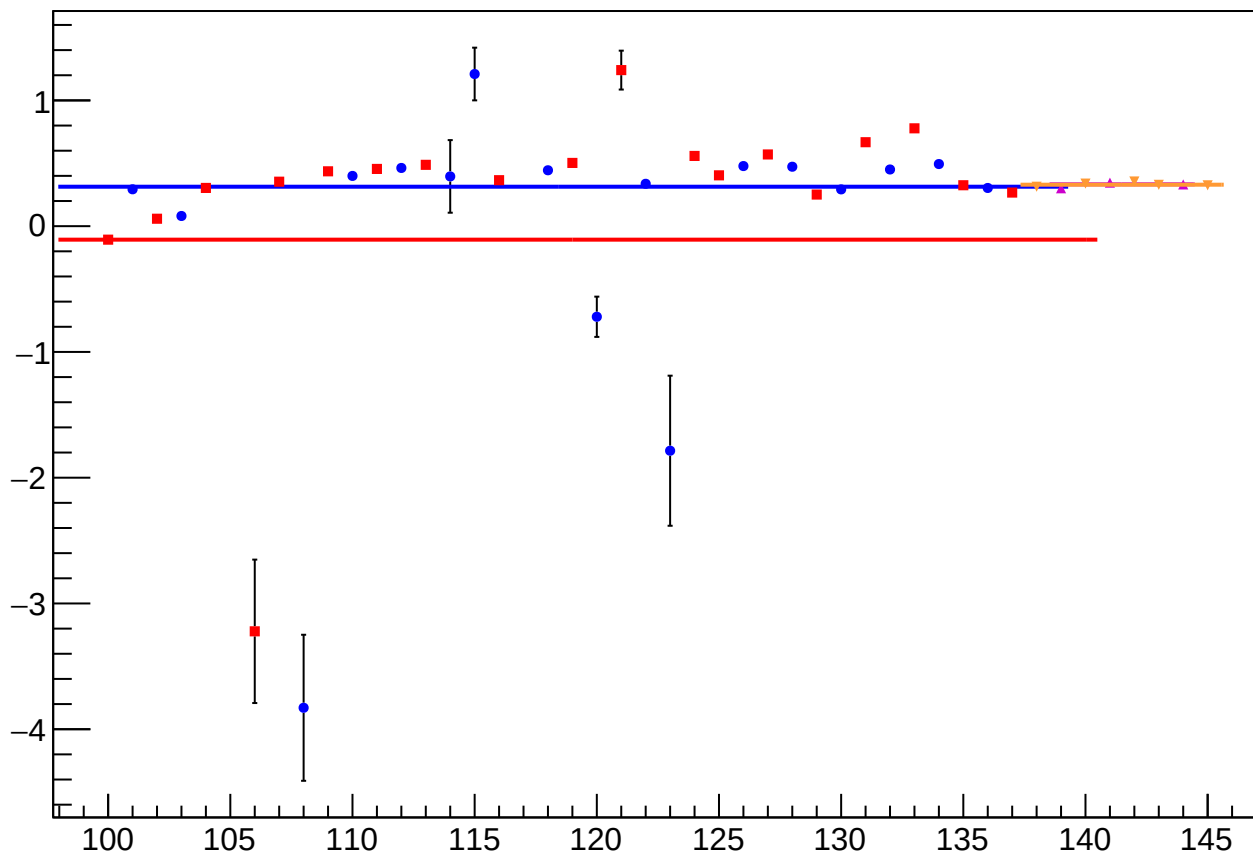
Right: -4.135 ± 0.000 χ^2/NDF : 2879850560728951

In: -7.899 ± 0.000 χ^2/NDF : 53179.7/19

Out: -2.410 ± 0.000 χ^2/NDF : 252044.9/23

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.330 ± 0.001 χ^2/NDF : 238.9/4

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

Left In: 0.333 ± 0.001 χ^2/NDF : 259.2/2

Left: 0.331 ± 0.001 χ^2/NDF : 507.1/7

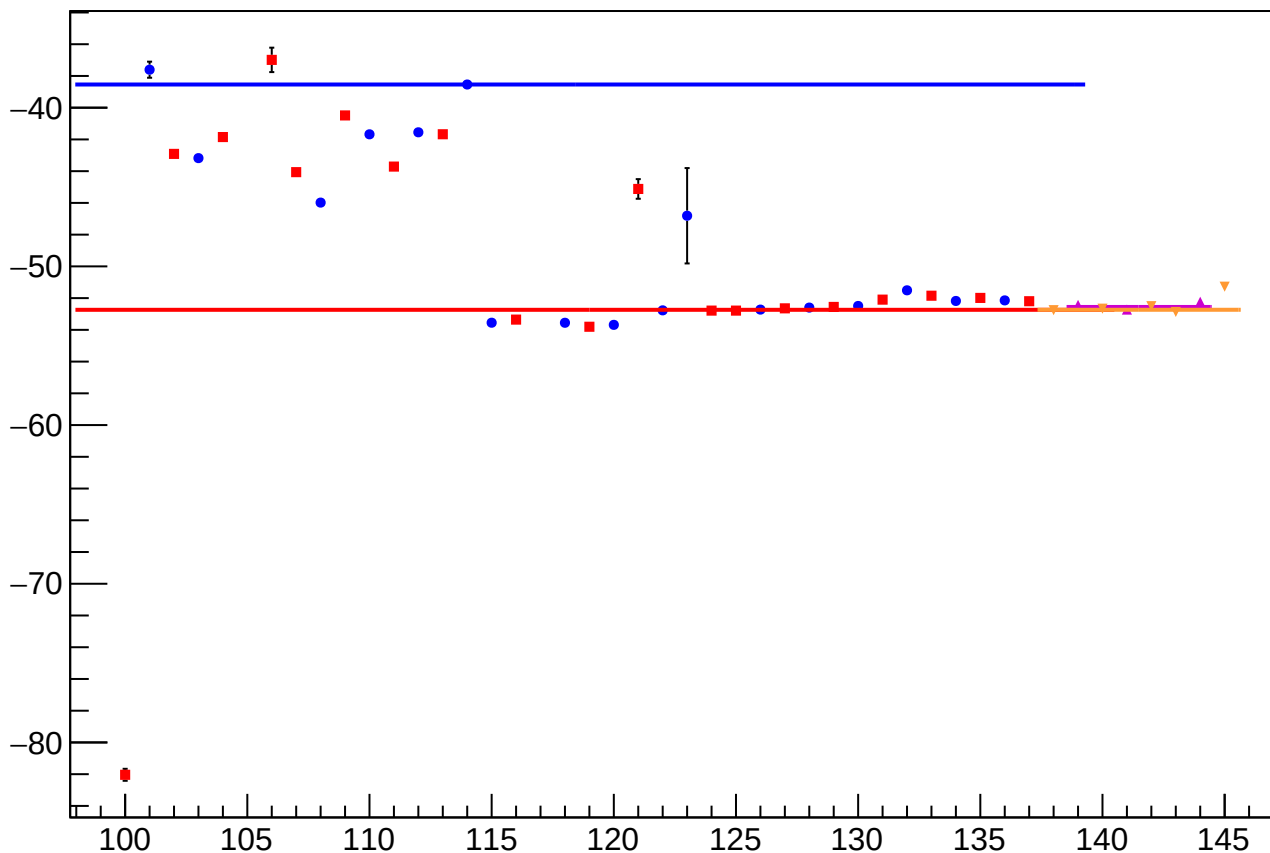
Right: -0.107 ± 0.000 χ^2/NDF : 409026.8/35

In: 0.326 ± 0.001 χ^2/NDF : 3253.9/19

Out: -0.107 ± 0.000 χ^2/NDF : 592726.4/23

All: -0.107 ± 0.000 χ^2/NDF : 1153686.5/43

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539 $\pm$ 0.000 χ^2 /NDF: 14950854.6/16

Left Out: -52.735 $\pm$ 0.005 χ^2 /NDF:1899.5/4

Right Out: -52.737 $\pm$ 0.002 χ^2 /NDF: 87430.2/18

Left In: -52.558 $\pm$ 0.006 χ^2 /NDF:847.9/2

Left: -52.664 $\pm$ 0.004 χ^2 /NDF: 3198.5/7

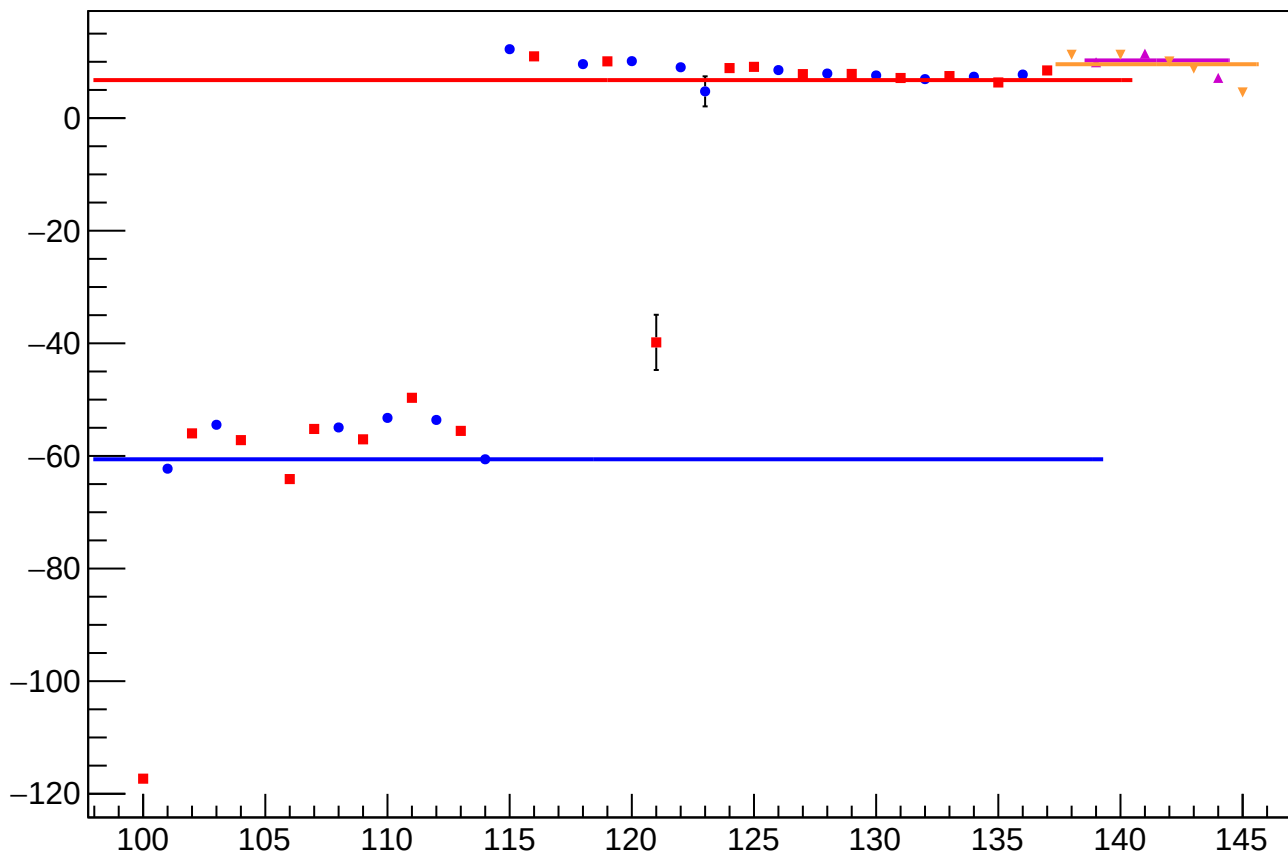
Right: -38.539 $\pm$ 0.000 χ^2 /NDF: 72100834.2/35

In: -38.539 $\pm$ 0.000 χ^2 /NDF:19653421.5/19

Out: -52.737 $\pm$ 0.002 χ^2 /NDF:89329.9/23

All: -38.539 $\pm$ 0.000 χ^2 /NDF: 84084410.0/43

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF : 26122838.1/16

Left Out: 9.566+/-0.013 χ^2/NDF :25802.9/4

Right Out: 6.748+/-0.011 χ^2/NDF : 1266598.3/18

Left In: 10.244+/-0.018 χ^2/NDF :2931.2/2

Left: 9.804+/-0.011 χ^2/NDF : 29643.2/7

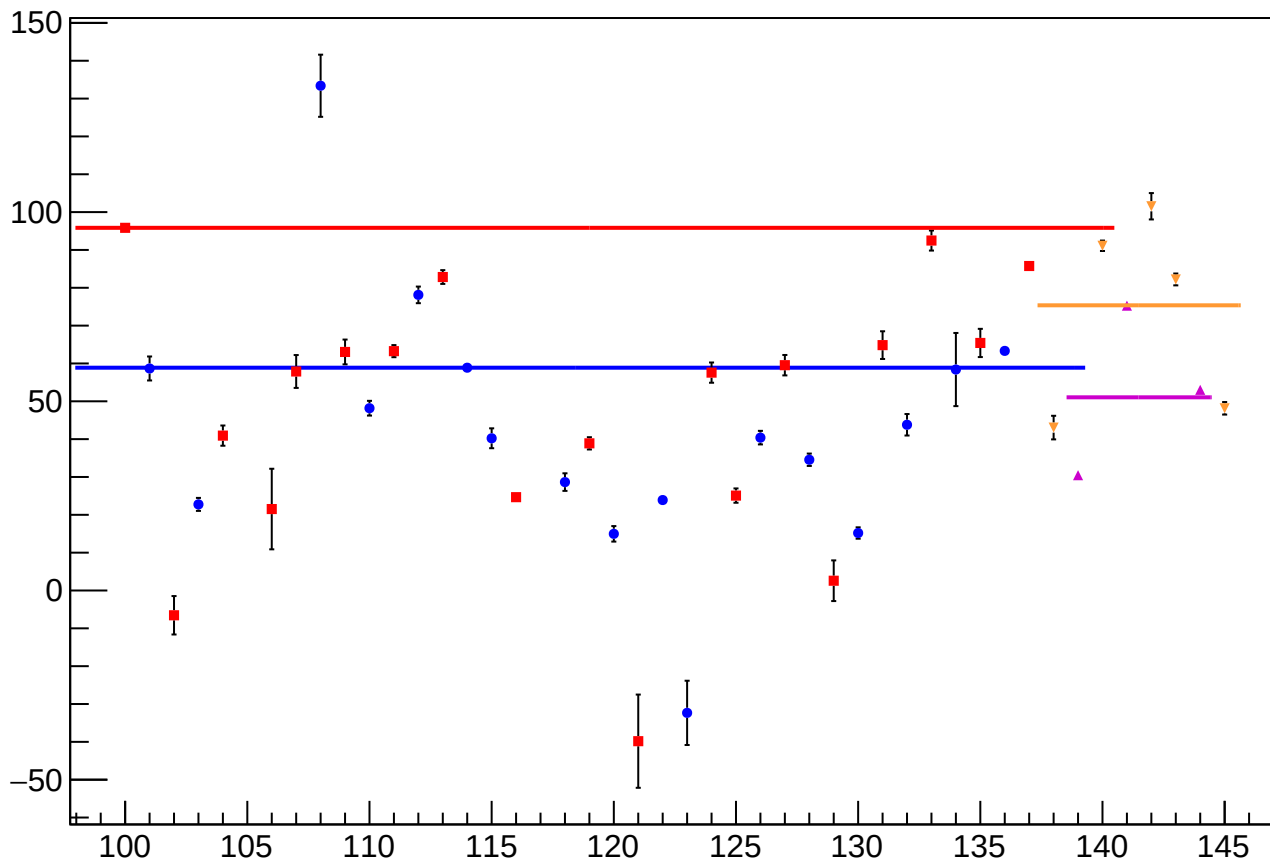
Right: -60.594+/-0.000 χ^2/NDF : 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF :41409705.2/19

Out: 7.895+/-0.008 χ^2/NDF :1319030.8/23

All: -60.594+/-0.000 χ^2/NDF : 107917964.5/4

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 75.367 $\pm$ 0.821 χ^2 /NDF:583.6/4

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

Left In: 51.052 $\pm$ 0.592 χ^2 /NDF:905.7/2

Left: 59.383 $\pm$ 0.480 χ^2 /NDF: 2066.4/7

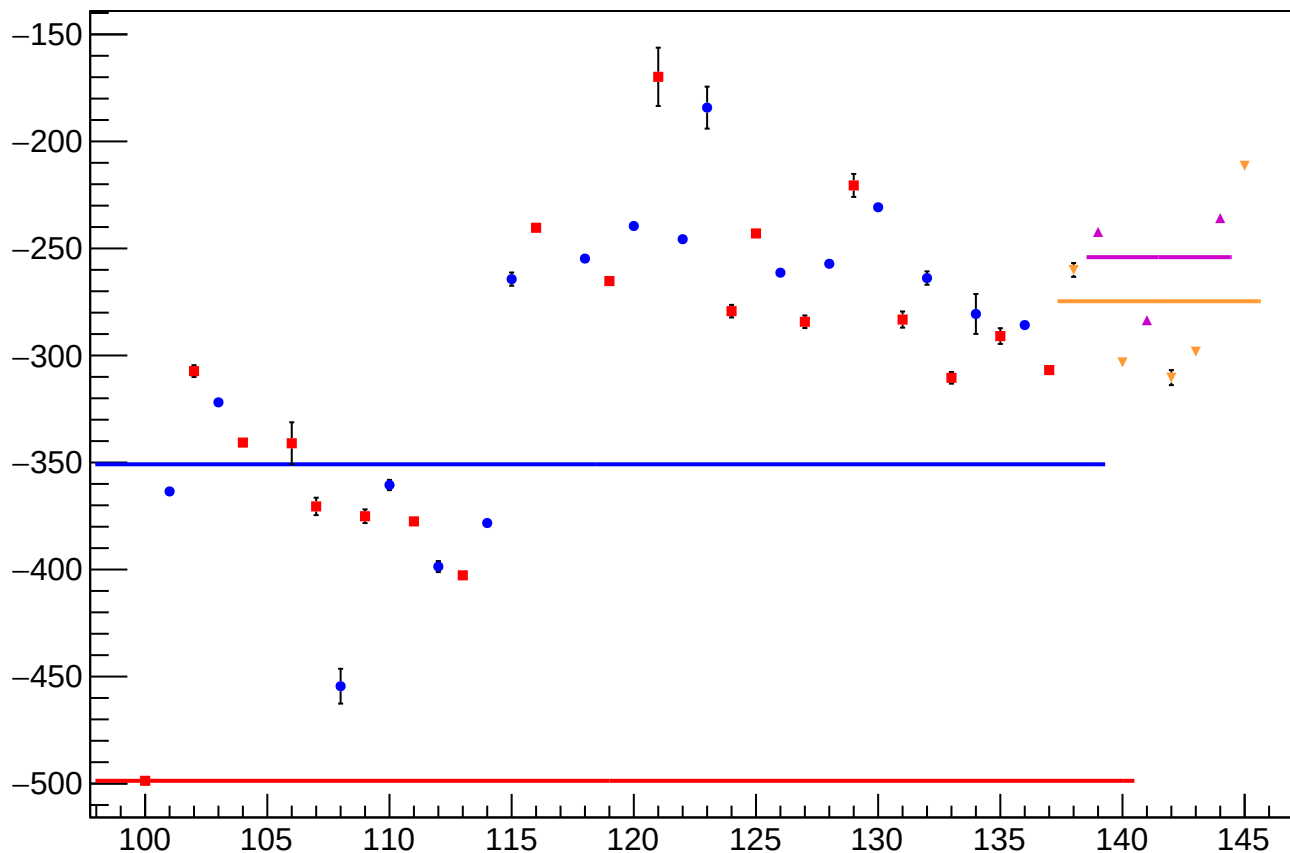
Right: 60.098 $\pm$ 0.000 χ^2 /NDF: 9815233945666380

In: 58.880 $\pm$ 0.000 χ^2 /NDF:4894.9/19

Out: 95.846 $\pm$ 0.000 χ^2 /NDF:40591.4/23

All: 60.098 $\pm$ 0.000 χ^2 /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: -274.655 ± 0.811 $\chi^2/\text{NDF}: 2424.9/4$

Right Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 511870.8/18$

Left In: -254.075 ± 0.631 $\chi^2/\text{NDF}: 1068.9/2$

Left: -261.832 ± 0.498 $\chi^2/\text{NDF}: 3895.2/7$

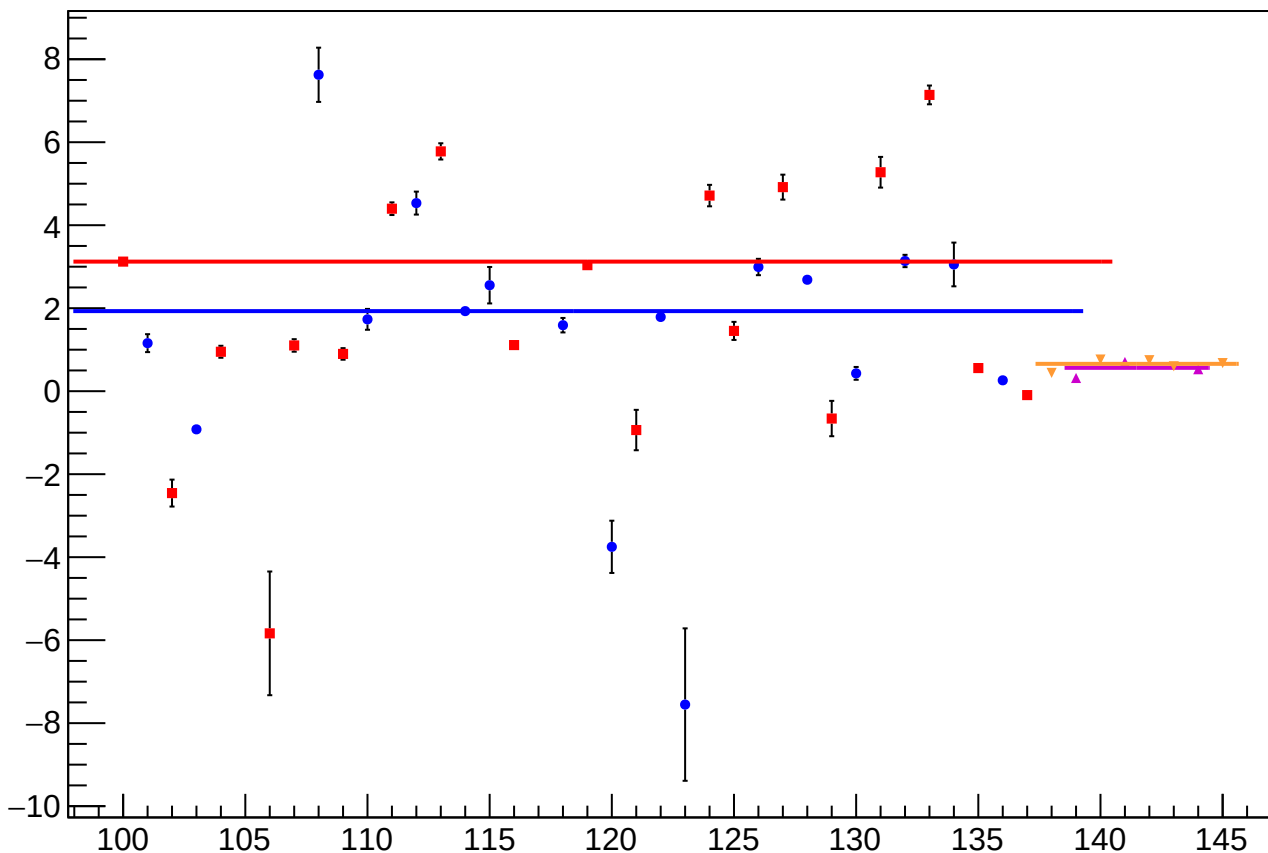
Right: -498.692 ± 0.000 $\chi^2/\text{NDF}: 918780.8/35$

In: -338.186 ± 0.228 $\chi^2/\text{NDF}: 62833.8/19$

Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 590650.1/23$

All: -498.692 ± 0.000 $\chi^2/\text{NDF}: 1149087.6/43$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF : 59970.9/16

Left Out: 0.659+/-0.006 χ^2/NDF : 315.1/4

Right Out: 3.123+/-0.000 χ^2/NDF : 512565.5/18

Left In: 0.563+/-0.004 χ^2/NDF : 1433.6/2

Left: 0.595+/-0.003 χ^2/NDF : 1949.6/7

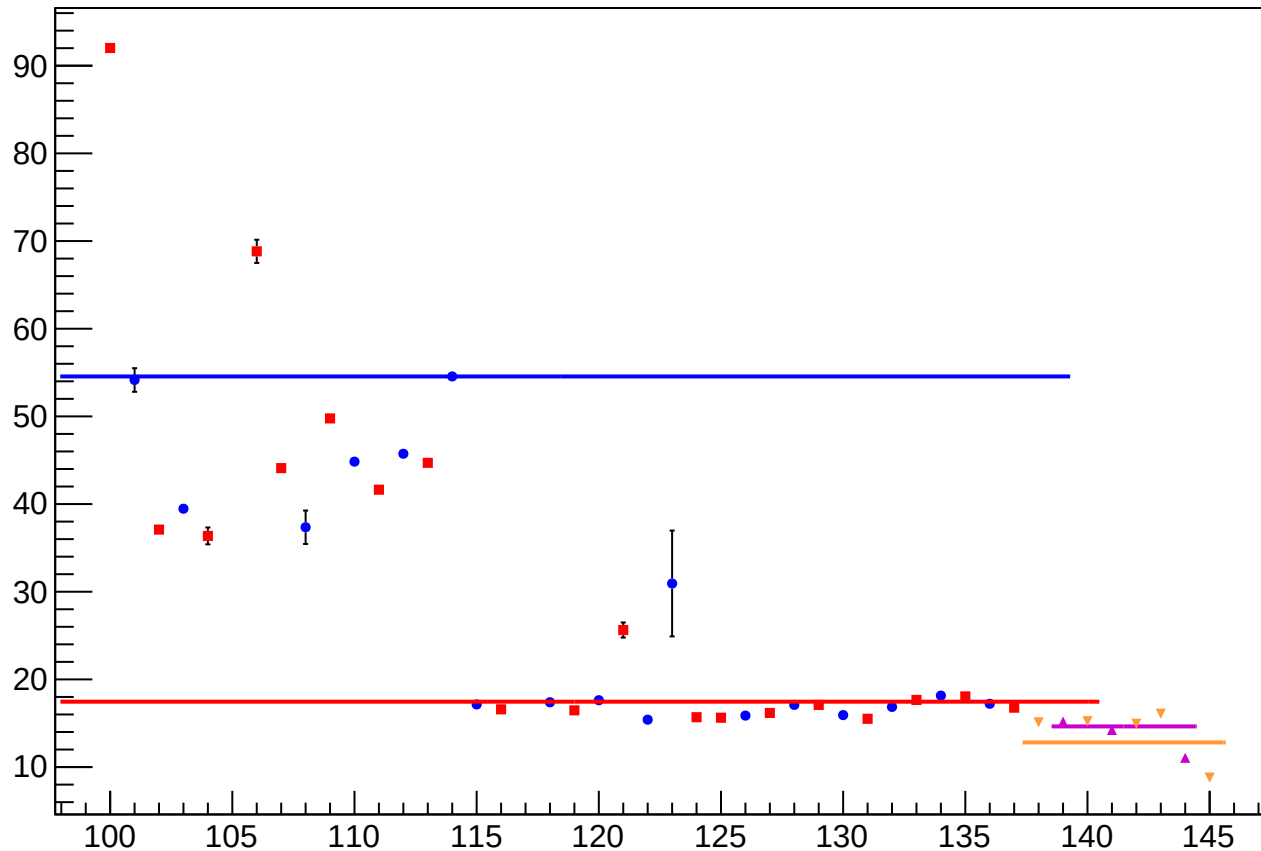
Right: 2.073+/-0.000 χ^2/NDF : 38099534578085305

In: 1.930+/-0.000 χ^2/NDF : 182338.6/19

Out: 3.123+/-0.000 χ^2/NDF : 712471.2/23

All: 2.073+/-0.000 χ^2/NDF : 38099534578085305

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 12.812+/-0.014 χ^2/NDF : 57904.2/4

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

Left In: 14.638+/-0.023 χ^2/NDF : 1891.9/2

Left: 13.295+/-0.012 χ^2/NDF : 64600.8/7

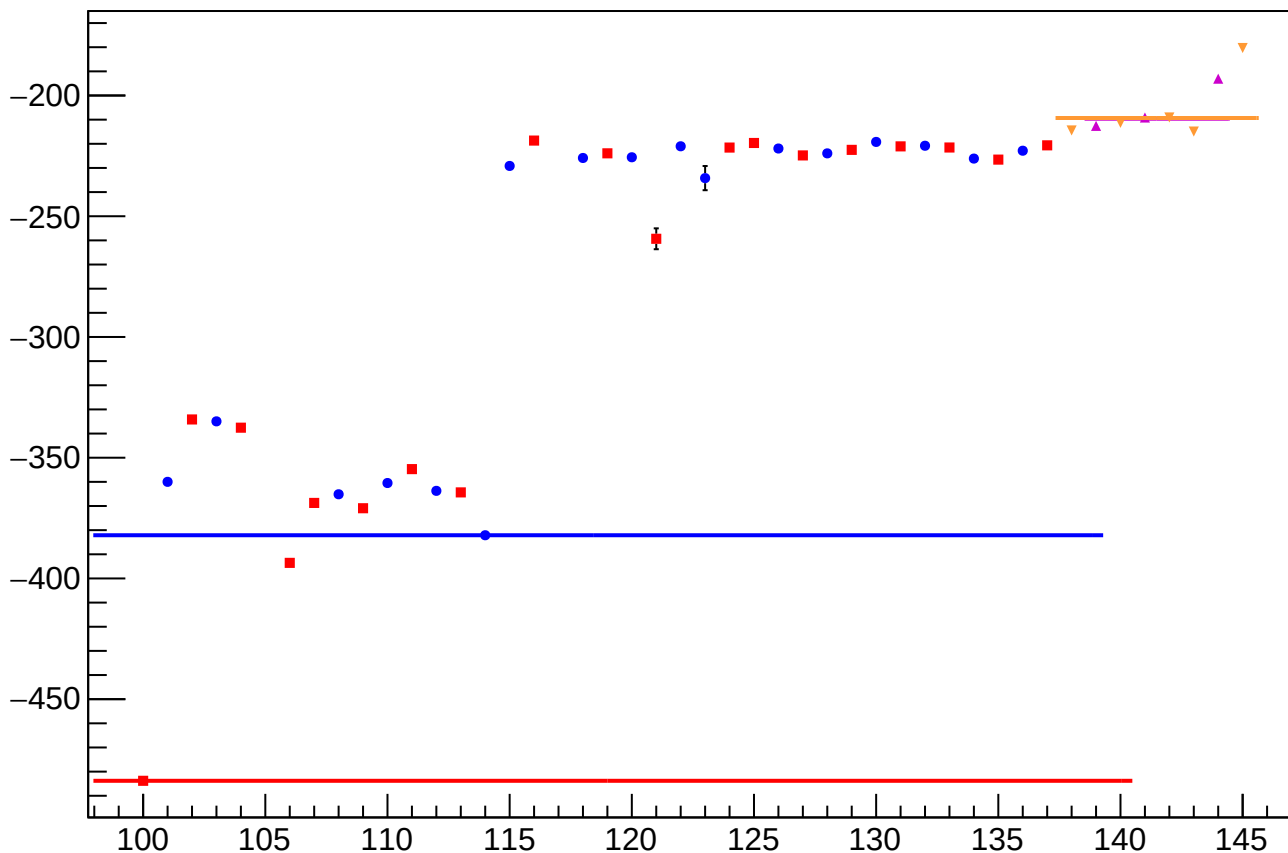
Right: 54.556+/-0.000 χ^2/NDF : 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF : 10359668.9/19

Out: 14.457+/-0.011 χ^2/NDF : 198916.6/23

All: 54.556+/-0.000 χ^2/NDF : 24140947.6/43

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -209.316+/-0.039 χ^2/NDF : 51837.5/4

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

Left In: -209.615+/-0.043 χ^2/NDF : 3225.8/2

Left: -209.449+/-0.029 χ^2/NDF : 55089.9/7

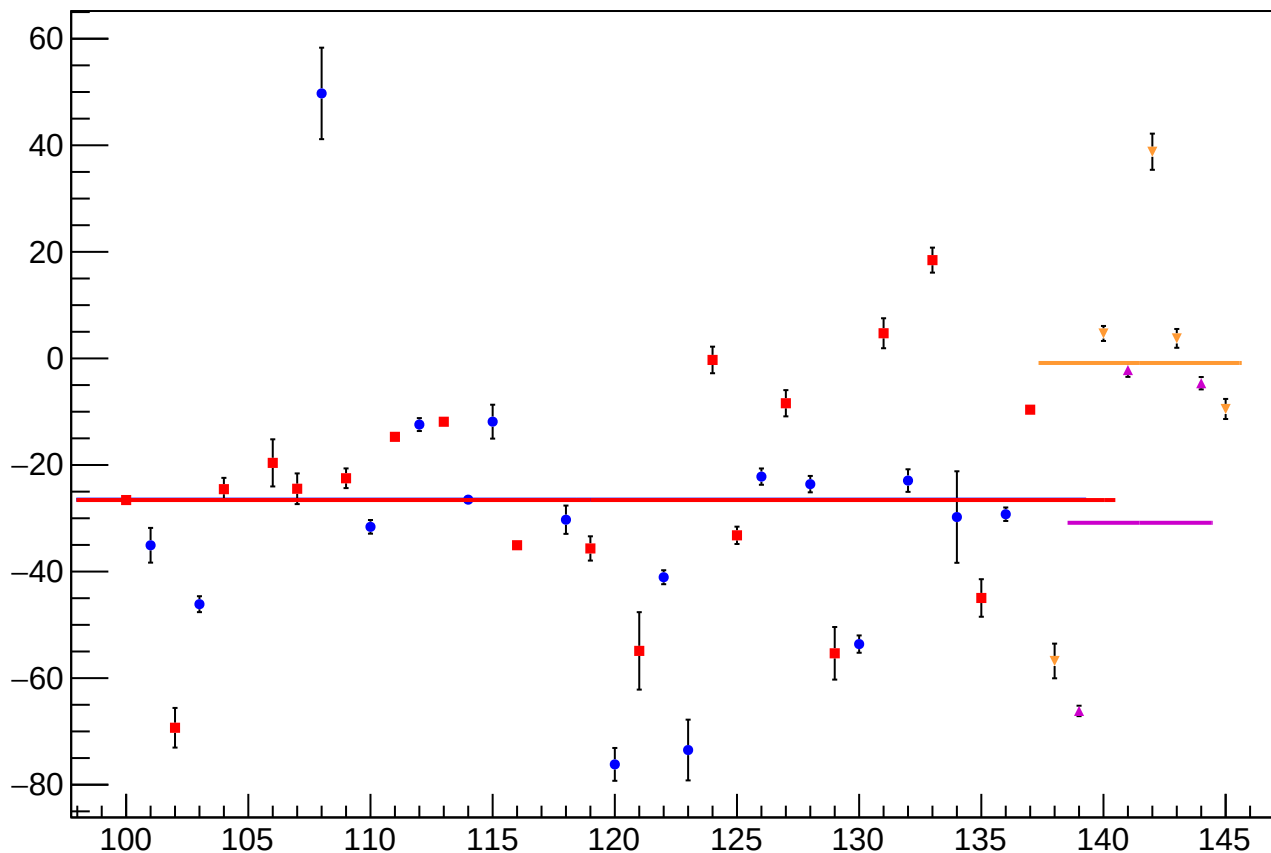
Right: -417.999+/-0.000 χ^2/NDF : 12425488813367

In: -382.108+/-0.000 χ^2/NDF : 34393594.1/19

Out: -483.800+/-0.000 χ^2/NDF : 74972111.2/23

All: -417.999+/-0.000 χ^2/NDF : 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF : 1180.7/16

Left Out: -0.853+/-0.881 χ^2/NDF :475.0/4

Right Out: -26.577+/-0.000 χ^2/NDF : 2640.9/18

Left In: -30.845+/-0.646 χ^2/NDF :2314.6/2

Left: -20.364+/-0.521 χ^2/NDF : 3543.5/7

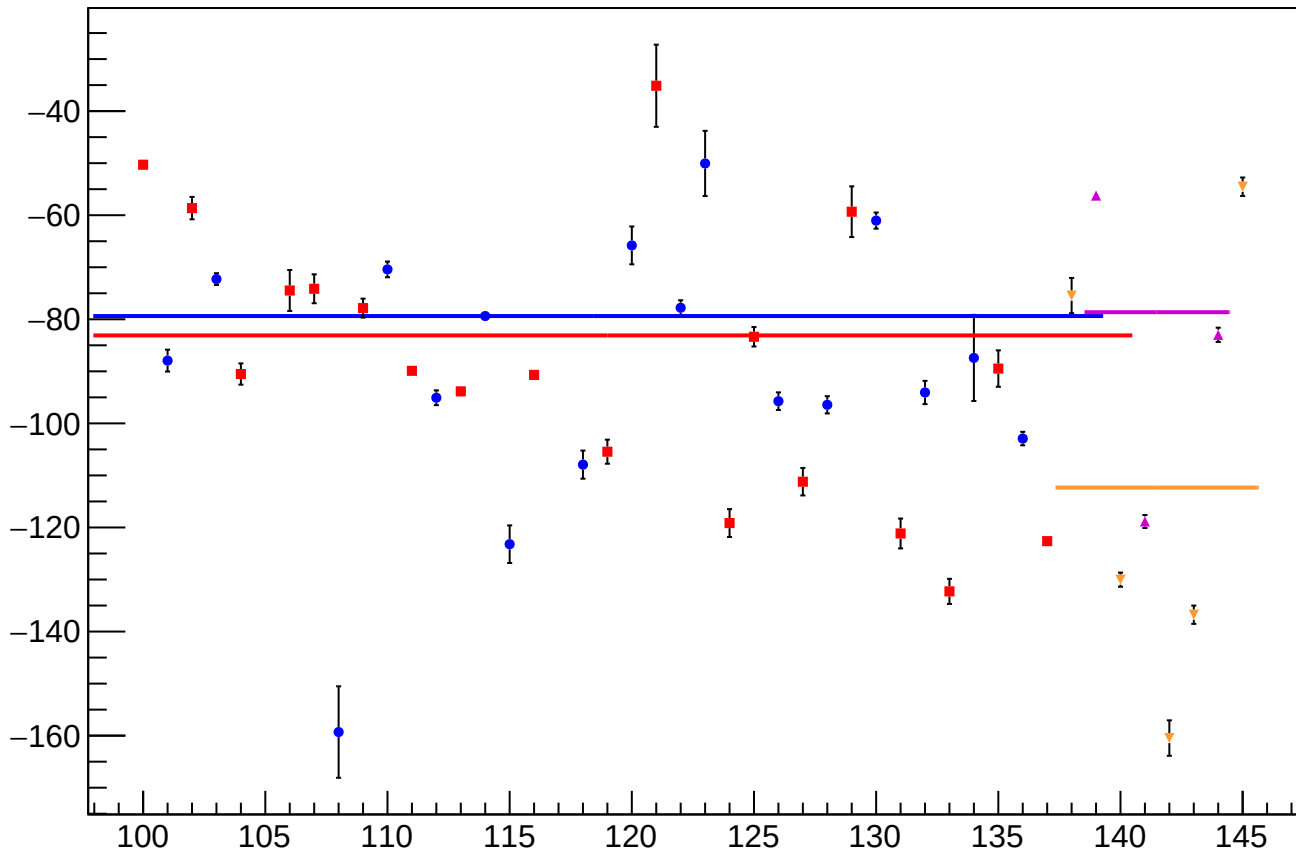
Right: -26.530+/-0.000 χ^2/NDF : 412159279654659

In: -26.504+/-0.000 χ^2/NDF :3540.4/19

Out: -26.577+/-0.000 χ^2/NDF :3968.4/23

All: -26.530+/-0.000 χ^2/NDF : 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -112.341 ± 0.859 $\chi^2/\text{NDF}: 1743.6/4$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

Left In: -78.638 ± 0.642 $\chi^2/\text{NDF}: 1676.8/2$

Left: -90.719 ± 0.514 $\chi^2/\text{NDF}: 4408.3/7$

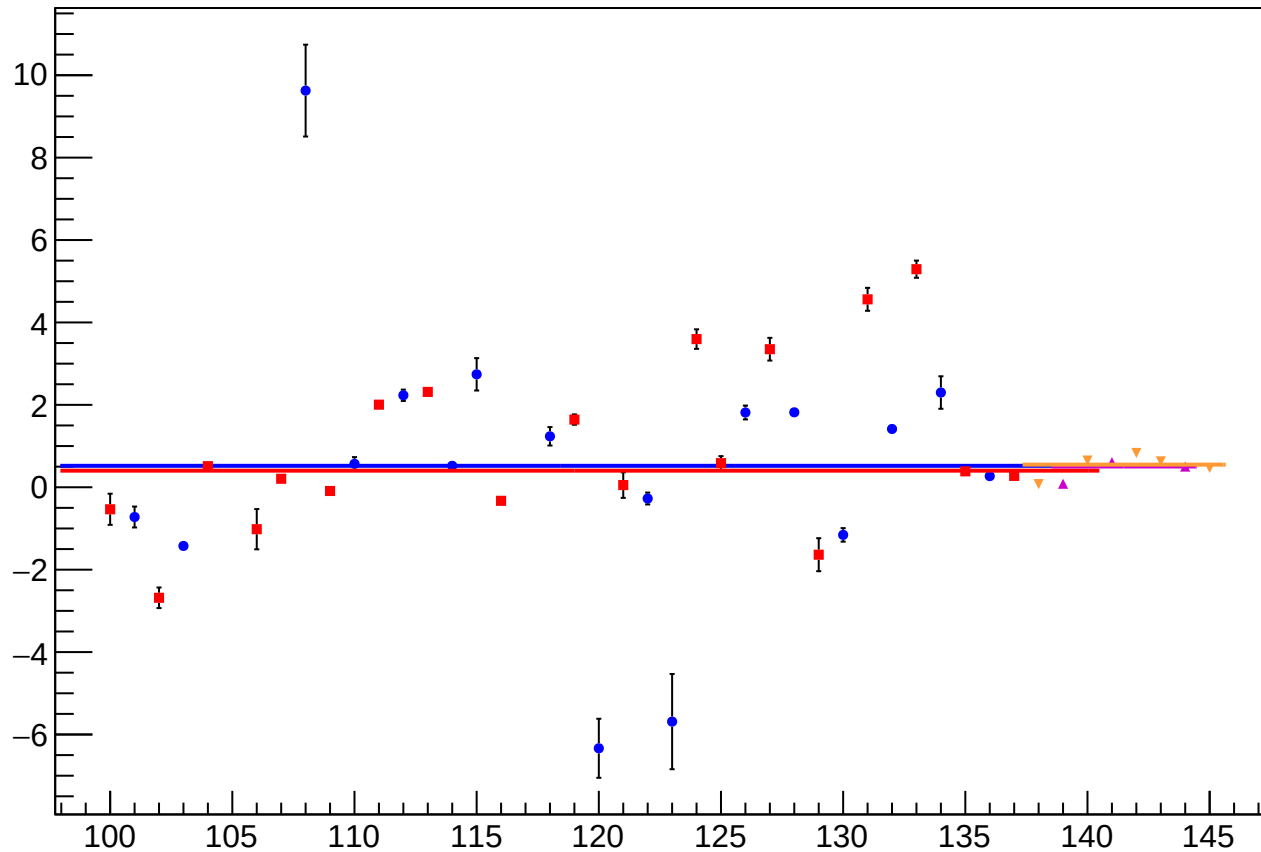
Right: -79.376 ± 0.000 $\chi^2/\text{NDF}: 13657.0/35$

In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 2982.8/19$

Out: -84.306 ± 0.174 $\chi^2/\text{NDF}: 14770.8/23$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 18552.0/43$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.549+/-0.007 χ^2/NDF : 994.0/4

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

Left In: 0.504+/-0.003 χ^2/NDF : 2615.1/2

Left: 0.513+/-0.003 χ^2/NDF : 3643.5/7

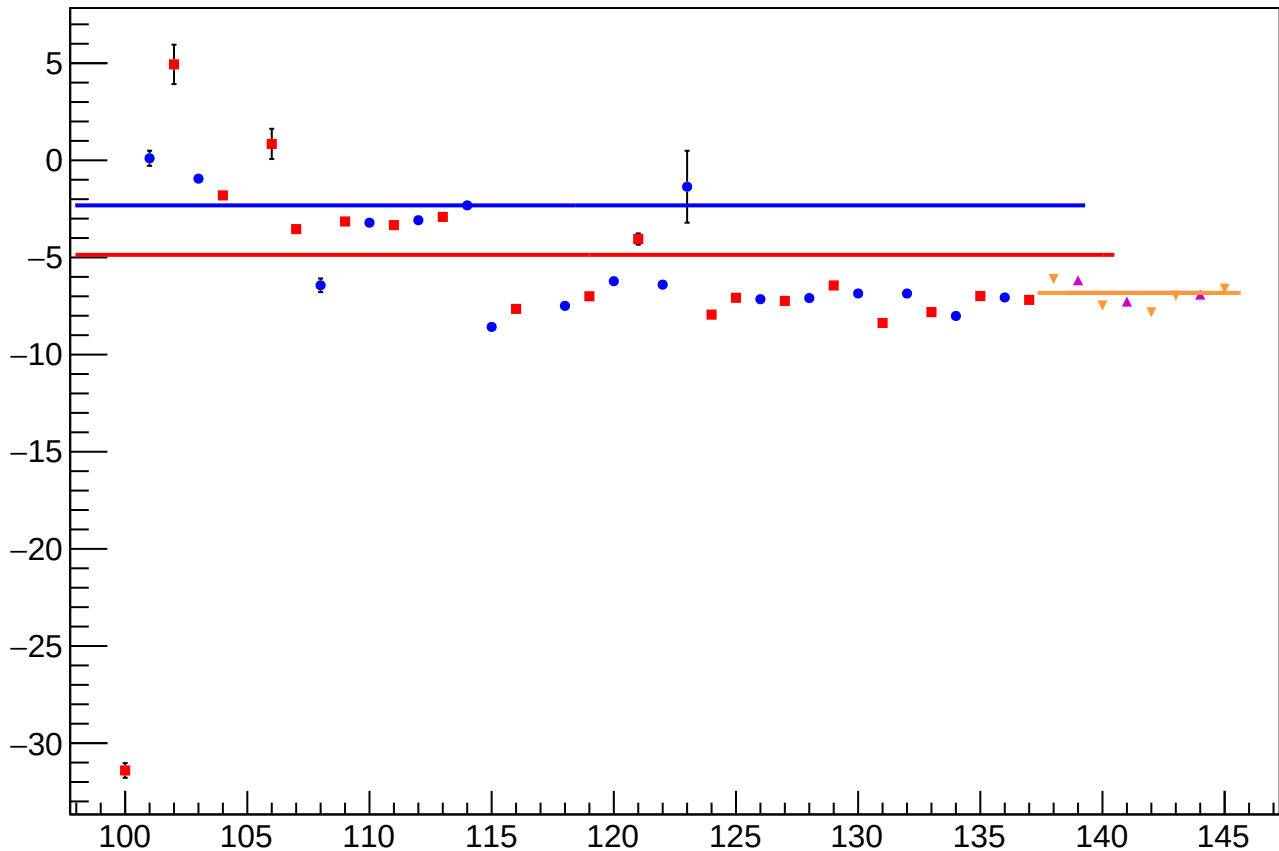
Right: 0.521+/-0.000 χ^2/NDF : 6215.1/35

In: 0.521+/-0.000 χ^2/NDF : 6008.6/19

Out: 0.508+/-0.006 χ^2/NDF : 3850.7/23

All: 0.521+/-0.000 χ^2/NDF : 9864.2/43

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 270771.9/16$

Left Out: -6.825 ± 0.012 $\chi^2/\text{NDF}: 1418.2/4$

Right Out: -4.864 ± 0.010 $\chi^2/\text{NDF}: 49380.5/18$

Left In: -6.822 ± 0.008 $\chi^2/\text{NDF}: 2069.8/2$

Left: -6.823 ± 0.007 $\chi^2/\text{NDF}: 3488.1/7$

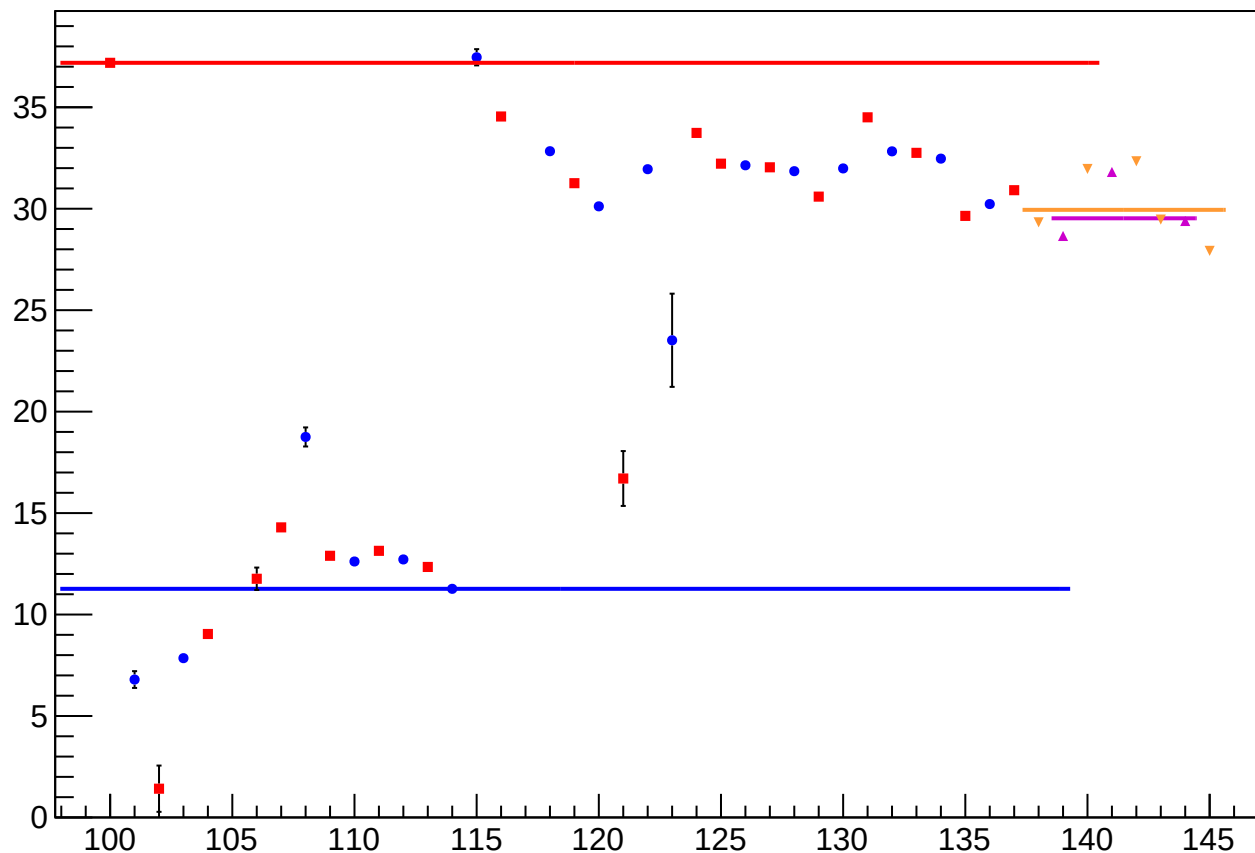
Right: -2.320 ± 0.000 $\chi^2/\text{NDF}: 381161.7/35$

In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 570338.1/19$

Out: -5.725 ± 0.008 $\chi^2/\text{NDF}: 66701.8/23$

All: -2.320 ± 0.000 $\chi^2/\text{NDF}: 831799.3/43$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.945 $\pm$ 0.029 χ^2 /NDF:3700.9/4

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

Left In: 29.528 $\pm$ 0.029 χ^2 /NDF:1418.8/2

Left: 29.739 $\pm$ 0.021 χ^2 /NDF: 5222.9/7

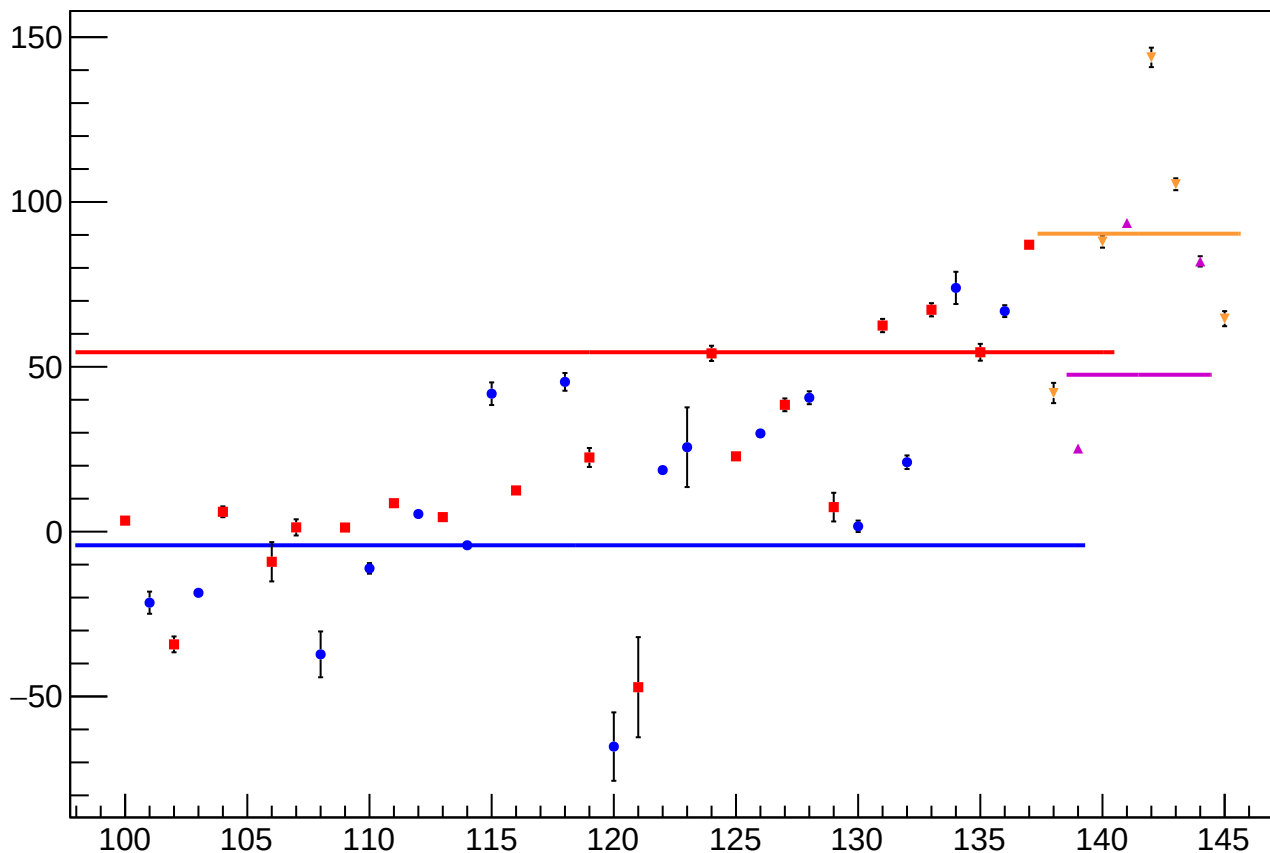
Right: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978834

In: 11.268 $\pm$ 0.000 χ^2 /NDF:1348573.3/19

Out: 37.191 $\pm$ 0.000 χ^2 /NDF:1188693.4/23

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: 90.379 ± 0.995 χ^2/NDF : 773.1/4

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

Left In: 47.594 ± 0.588 χ^2/NDF : 2708.7/2

Left: 58.658 ± 0.506 χ^2/NDF : 4851.4/7

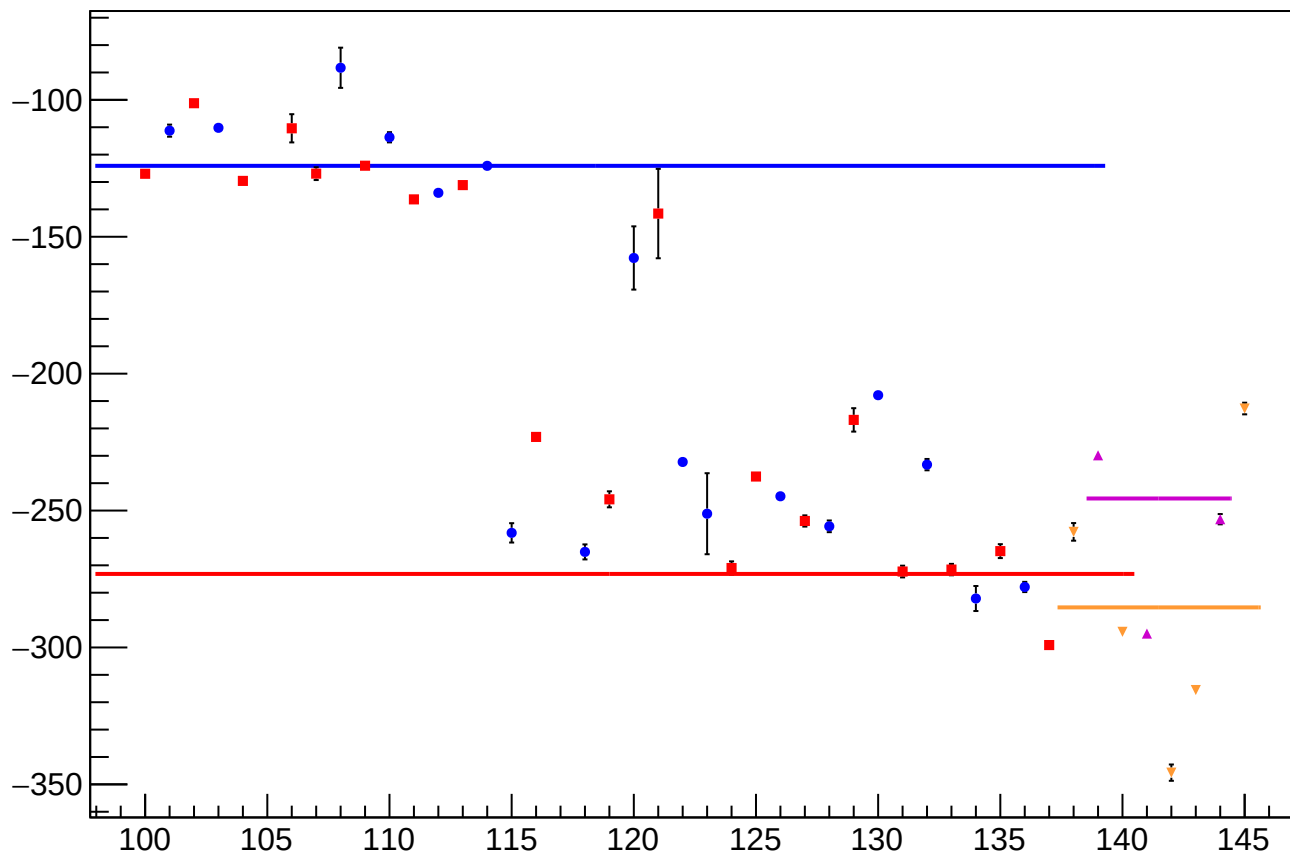
Right: -4.139 ± 0.000 χ^2/NDF : 177029.3/35

In: -4.139 ± 0.000 χ^2/NDF : 15106.1/19

Out: 55.448 ± 0.168 χ^2/NDF : 56039.2/23

All: -4.139 ± 0.000 χ^2/NDF : 197270.0/43

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -285.367+/-0.979 χ^2/NDF :1948.7/4

Right Out: -273.143+/-0.113 χ^2/NDF : 280141.9/18

Left In: -245.590+/-0.569 χ^2/NDF :2127.2/2

Left: -255.640+/-0.492 χ^2/NDF : 5310.8/7

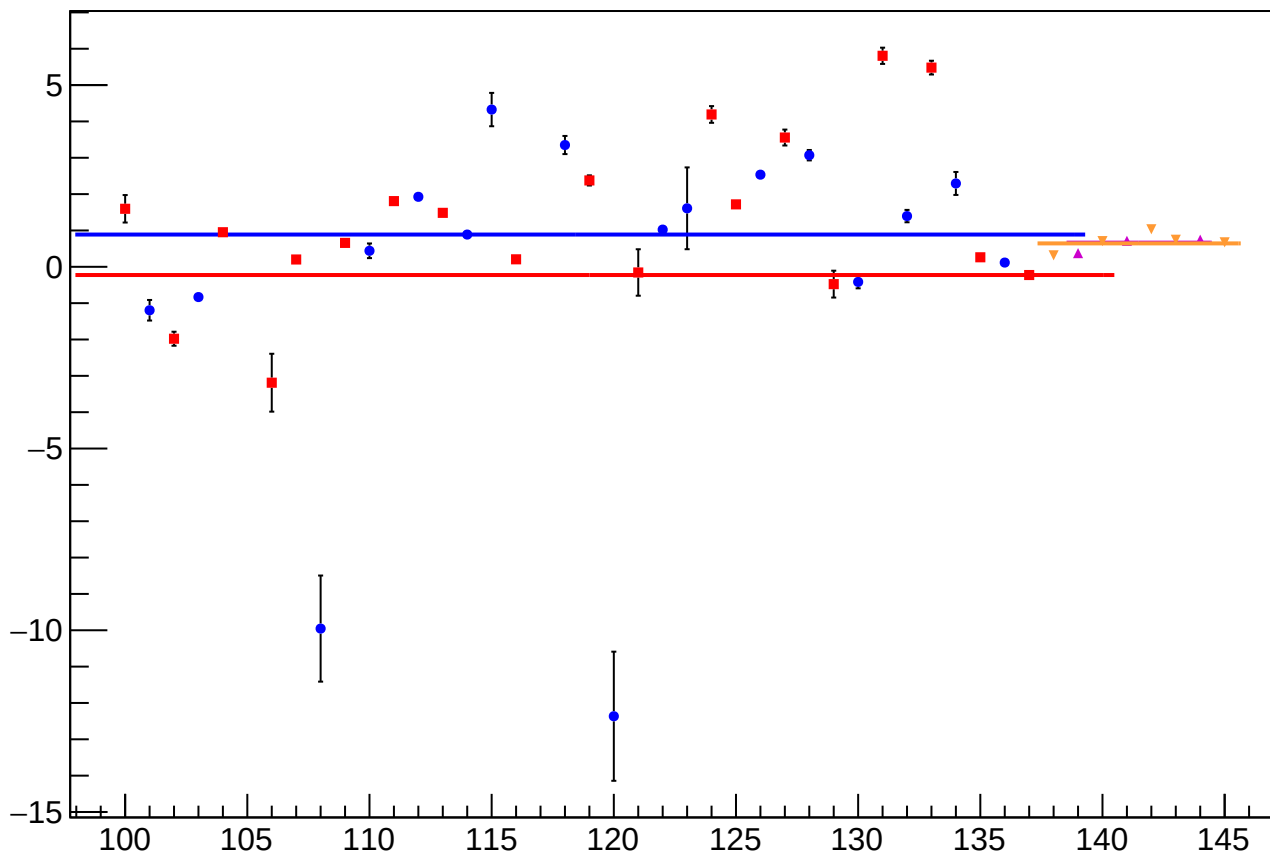
Right: -124.095+/-0.000 χ^2/NDF : 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF :85876.4/19

Out: -273.303+/-0.112 χ^2/NDF :282244.6/23

All: -124.095+/-0.000 χ^2/NDF : 2143612.1/43

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 ± 0.000 $\chi^2/\text{NDF}: 8672.0/16$

Left Out: 0.644 ± 0.007 $\chi^2/\text{NDF}: 970.4/4$

Right Out: -0.226 ± 0.000 $\chi^2/\text{NDF}: 5031.1/18$

Left In: 0.665 ± 0.005 $\chi^2/\text{NDF}: 748.8/2$

Left: 0.658 ± 0.004 $\chi^2/\text{NDF}: 1724.4/7$

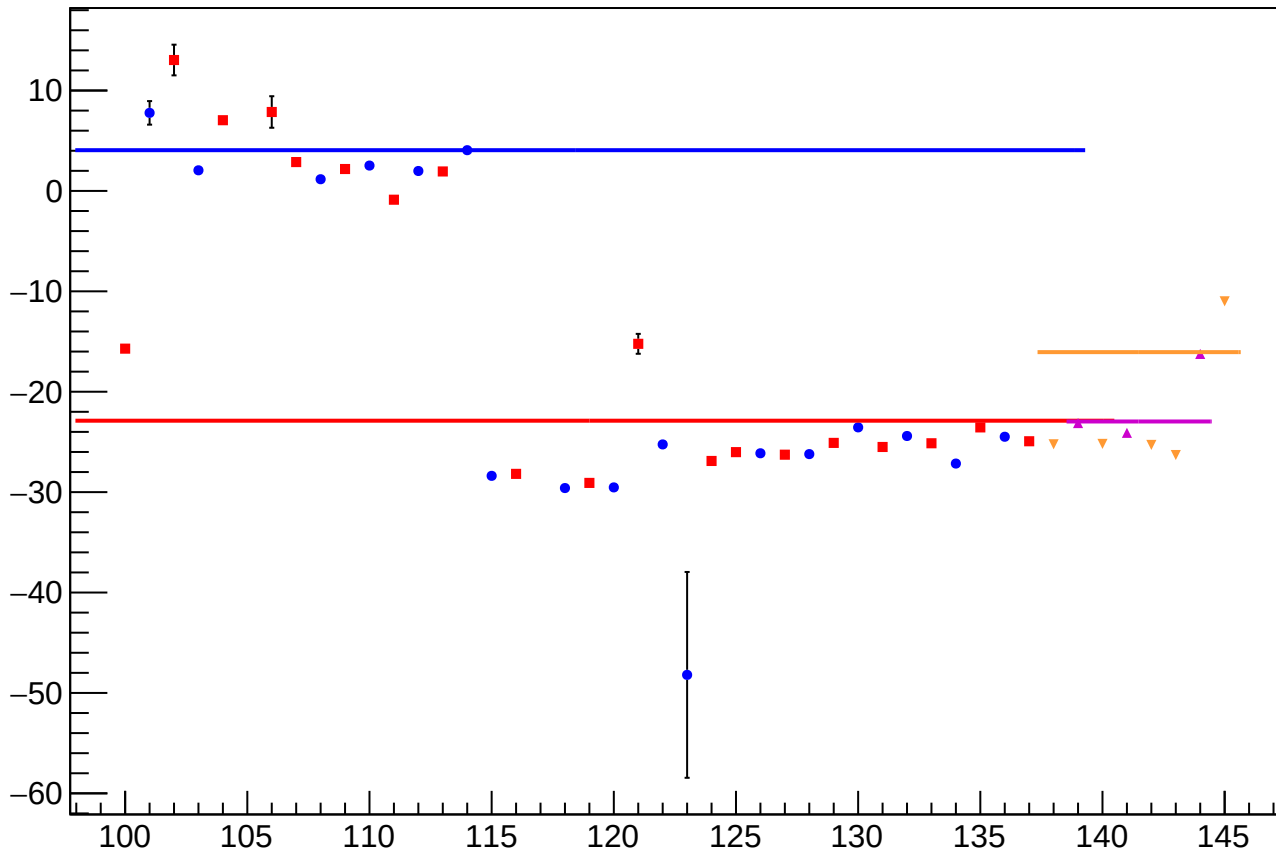
Right: 0.888 ± 0.000 $\chi^2/\text{NDF}: 422220530.0/35$

In: 0.888 ± 0.000 $\chi^2/\text{NDF}: 11187.1/19$

Out: -0.226 ± 0.000 $\chi^2/\text{NDF}: 19651.8/23$

All: 0.888 ± 0.000 $\chi^2/\text{NDF}: 422225085.1/43$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057 ± 0.000 χ^2/NDF : 1247888.2/16

Left Out: -16.056 ± 0.028 χ^2/NDF : 63045.4/4

Right Out: -22.885 ± 0.026 χ^2/NDF : 116508.9/18

Left In: -22.964 ± 0.059 χ^2/NDF : 1212.5/2

Left: -17.292 ± 0.025 χ^2/NDF : 75400.4/7

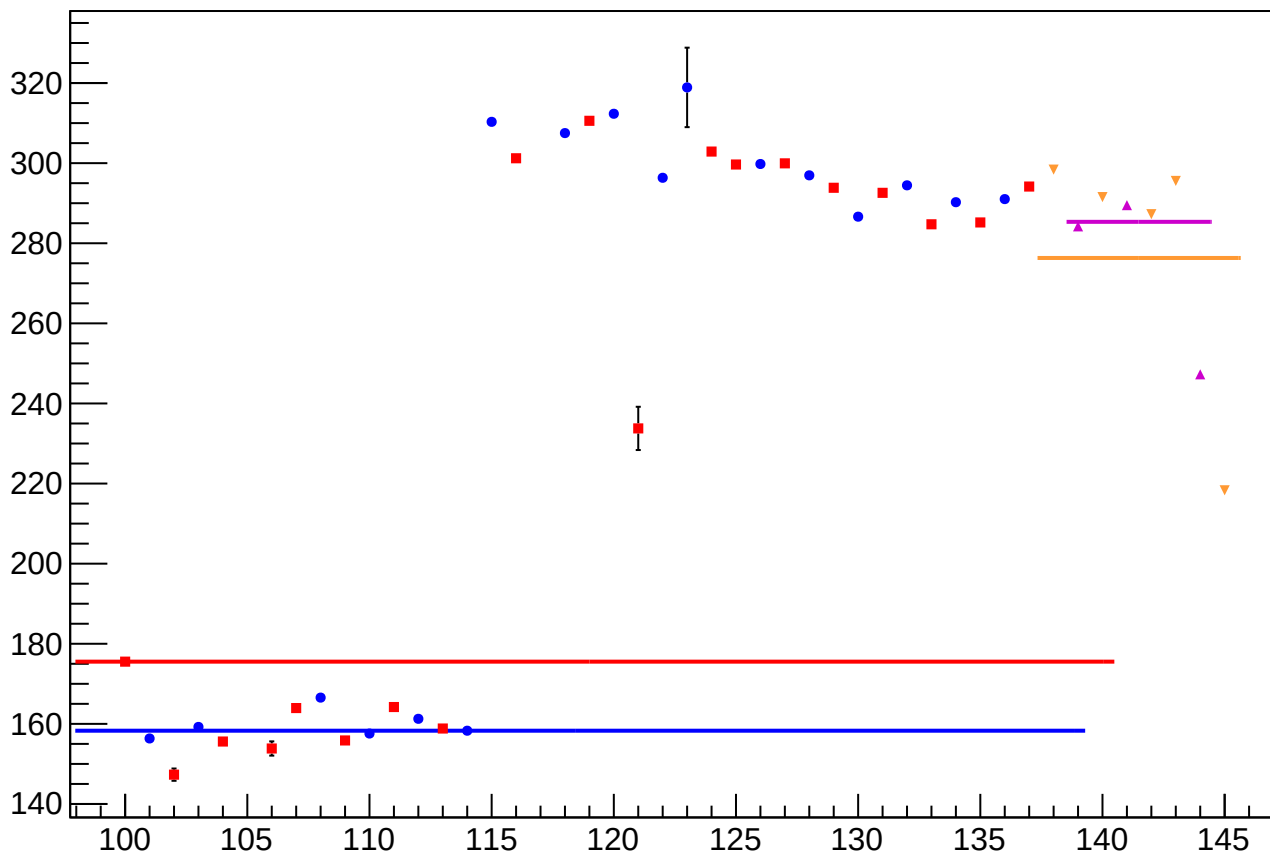
Right: 4.057 ± 0.000 χ^2/NDF : 2412173.4/35

In: 4.057 ± 0.000 χ^2/NDF : 1456733.7/19

Out: -19.642 ± 0.019 χ^2/NDF : 211520.6/23

All: 4.057 ± 0.000 χ^2/NDF : 3212042.5/43

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 276.327 $\pm$ 0.081 χ^2 /NDF:154853.5/4

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

Left In: 285.349 $\pm$ 0.189 χ^2 /NDF:1794.4/2

Left: 277.726 $\pm$ 0.074 χ^2 /NDF: 158576.1/7

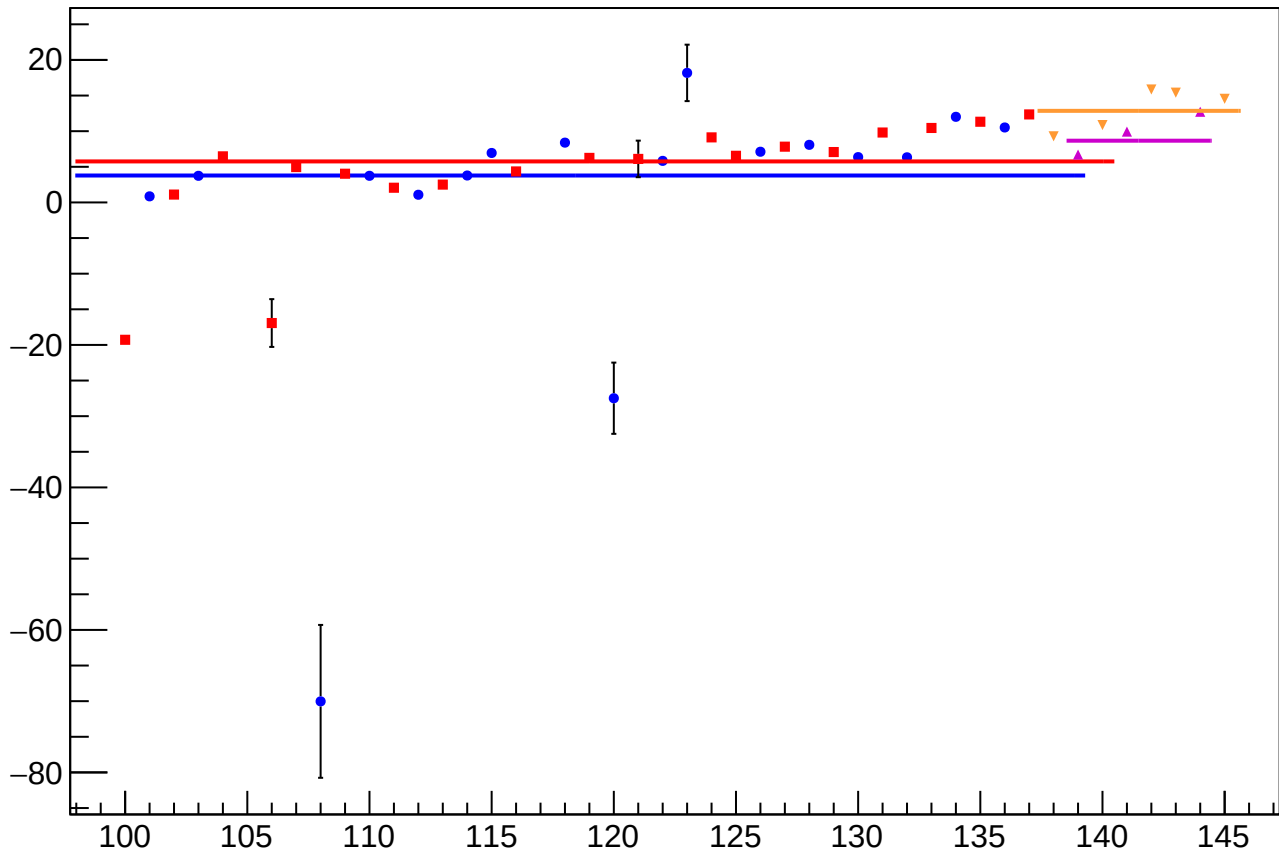
Right: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225928

In: 158.293 $\pm$ 0.000 χ^2 /NDF:2865341.8/19

Out: 175.536 $\pm$ 0.000 χ^2 /NDF:3807384.2/23

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: 12.855 ± 0.111 χ^2/NDF : 472.4/4

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

Left In: 8.665 ± 0.062 χ^2/NDF : 1202.5/2

Left: 9.674 ± 0.054 χ^2/NDF : 2764.8/7

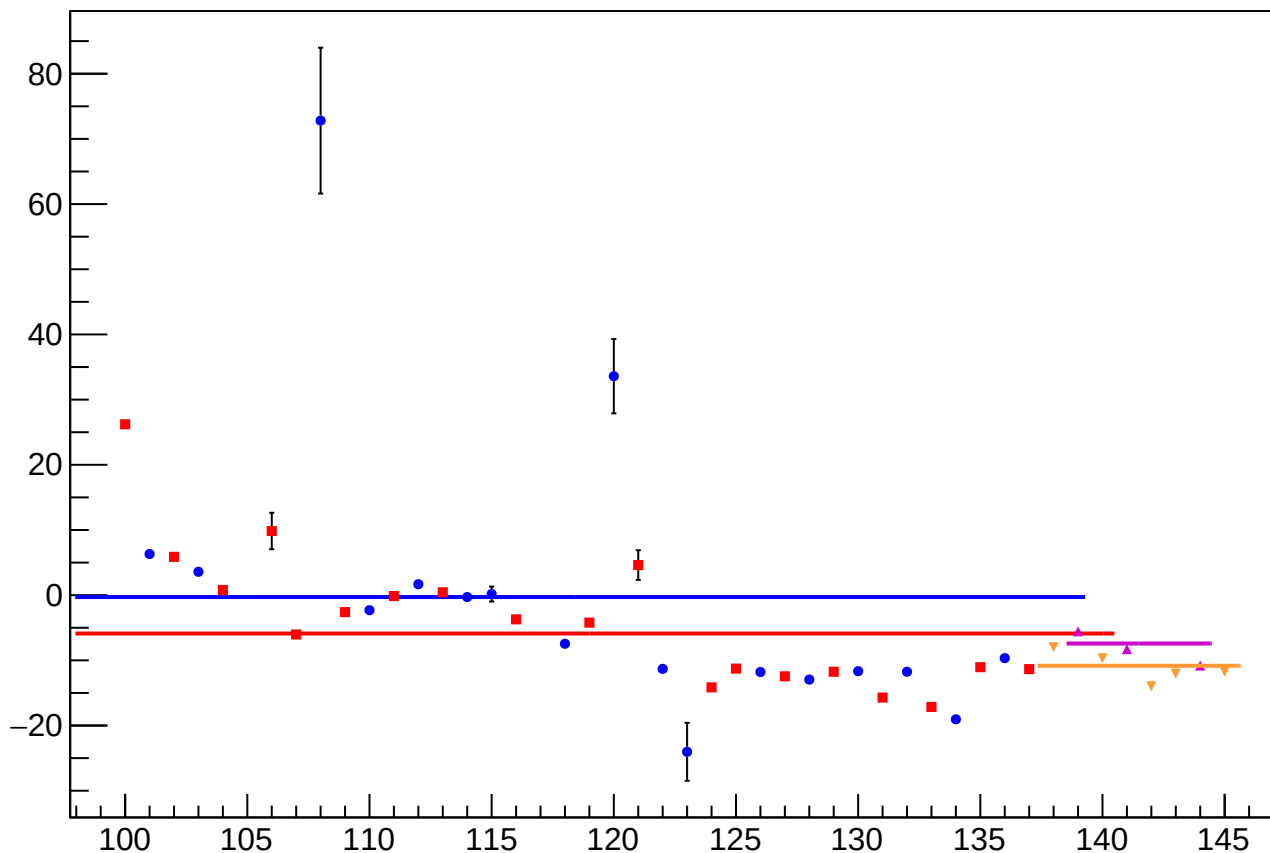
Right: 3.778 ± 0.000 χ^2/NDF : 35056.1/35

In: 3.778 ± 0.000 χ^2/NDF : 14223.7/19

Out: 6.121 ± 0.025 χ^2/NDF : 26673.5/23

All: 3.778 ± 0.000 χ^2/NDF : 49618.5/43

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287 ± 0.000 $\chi^2/\text{NDF}: 44276.5/16$

Left Out: -10.832 ± 0.109 $\chi^2/\text{NDF}: 224.3/4$

Right Out: -5.882 ± 0.027 $\chi^2/\text{NDF}: 63493.9/18$

Left In: -7.415 ± 0.066 $\chi^2/\text{NDF}: 828.5/2$

Left: -8.333 ± 0.057 $\chi^2/\text{NDF}: 1767.8/7$

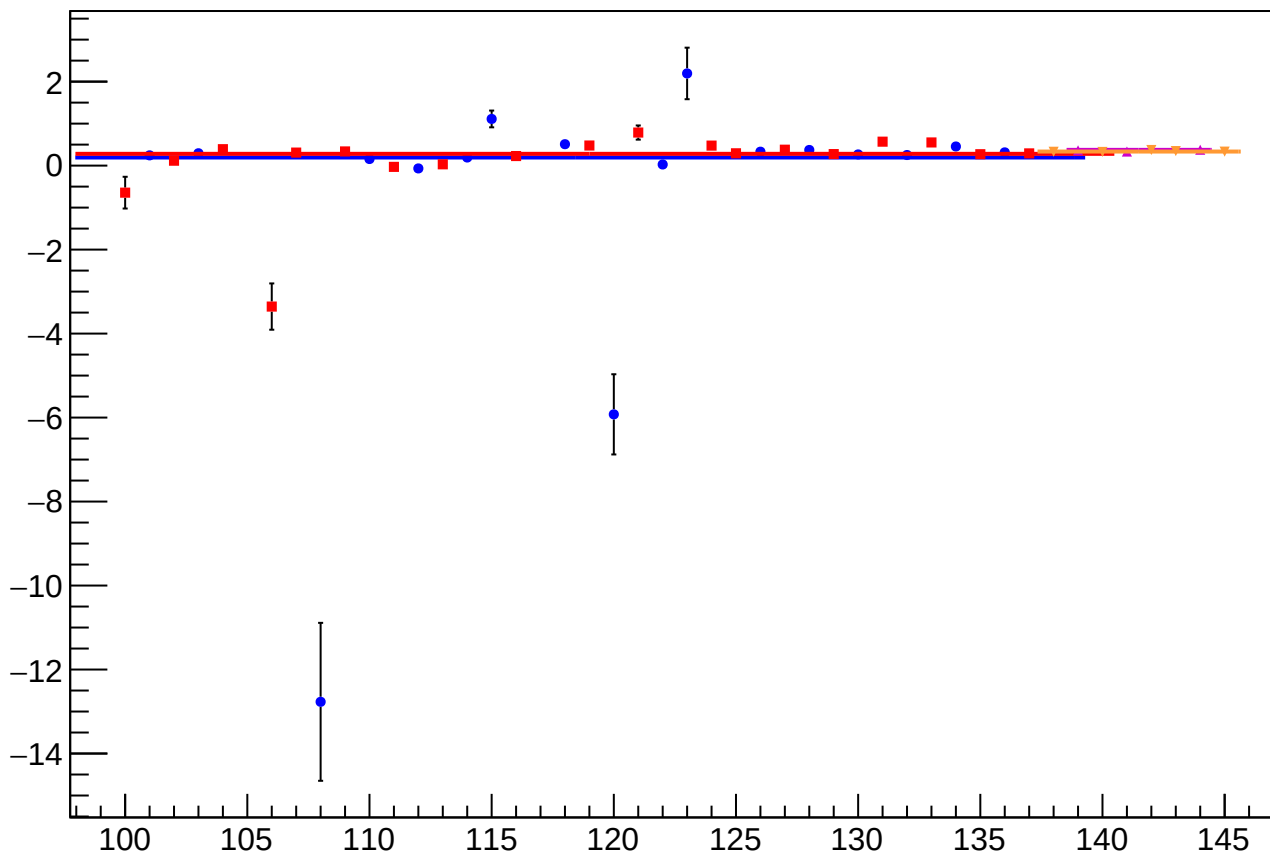
Right: -0.287 ± 0.000 $\chi^2/\text{NDF}: 150060.6/35$

In: -0.287 ± 0.000 $\chi^2/\text{NDF}: 56673.0/19$

Out: -6.171 ± 0.026 $\chi^2/\text{NDF}: 65650.1/23$

All: -0.287 ± 0.000 $\chi^2/\text{NDF}: 171992.1/43$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.335+/-0.001 χ^2/NDF : 79.9/4

Right Out: 0.280+/-0.001 χ^2/NDF : 6059.0/18

Left In: 0.375+/-0.001 χ^2/NDF : 67.0/2

Left: 0.353+/-0.001 χ^2/NDF : 674.1/7

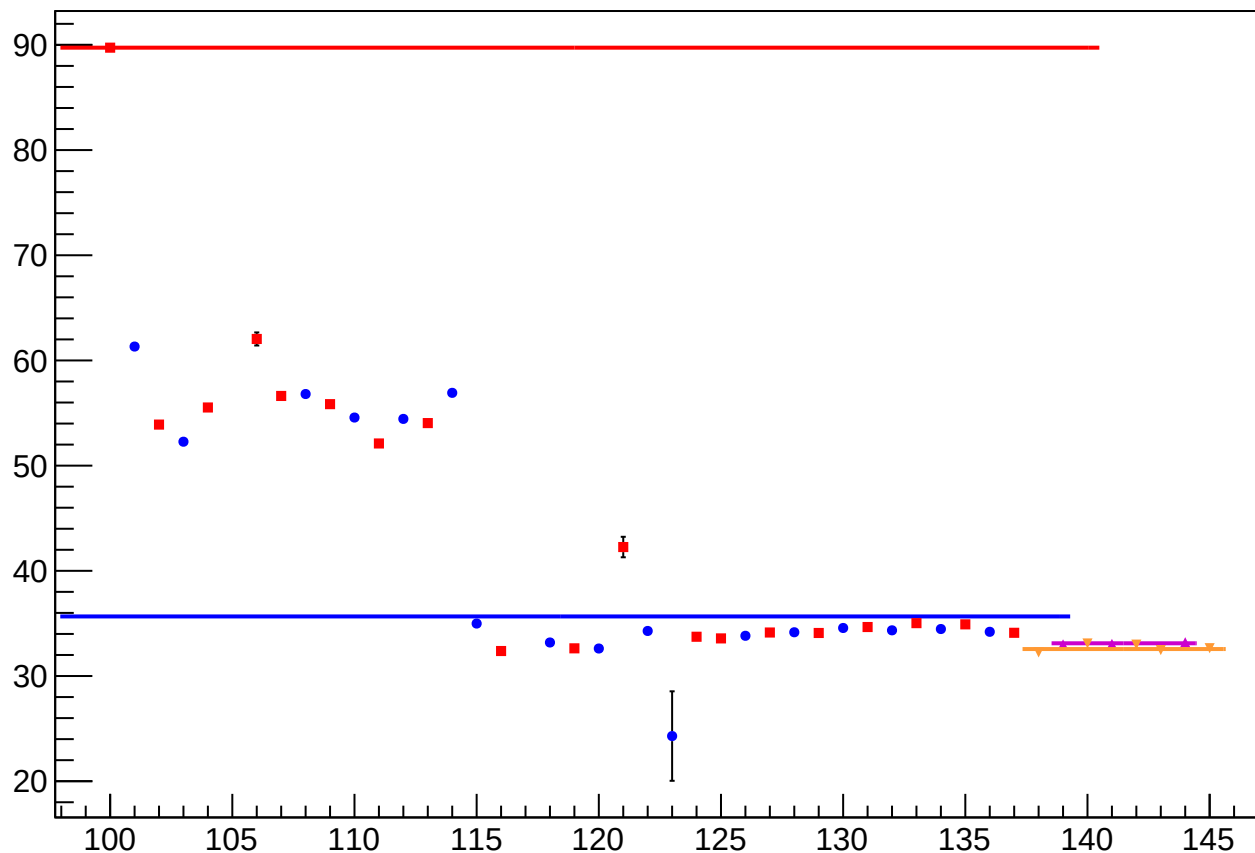
Right: 0.193+/-0.000 χ^2/NDF : 19578.7/35

In: 0.193+/-0.000 χ^2/NDF : 29688.6/19

Out: 0.314+/-0.001 χ^2/NDF : 6980.8/23

All: 0.193+/-0.000 χ^2/NDF : 54304.9/43

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.564 $\pm$ 0.012 χ^2 /NDF: 466.6/4

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

Left In: 33.112 $\pm$ 0.016 χ^2 /NDF: 33.9/2

Left: 32.774 $\pm$ 0.010 χ^2 /NDF: 1243.5/7

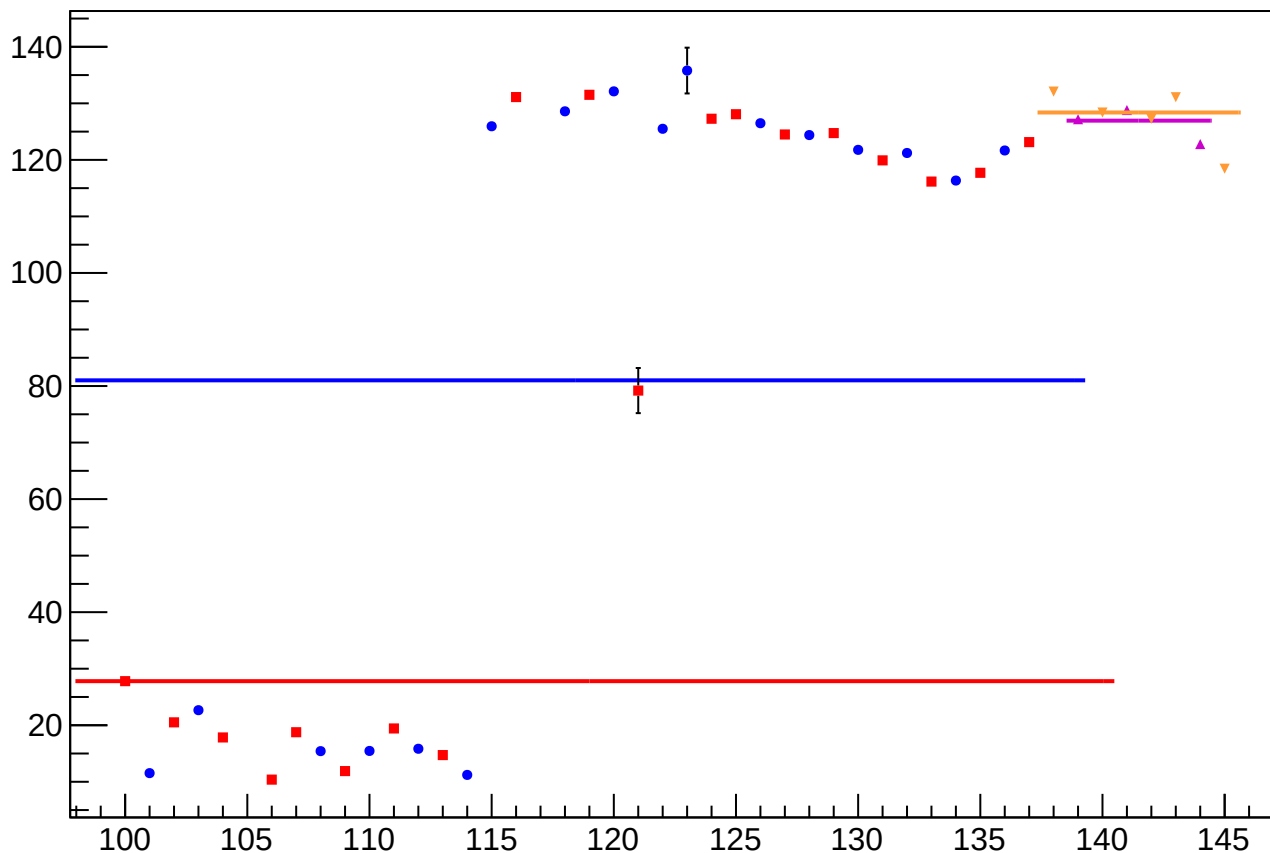
Right: 89.735 $\pm$ 0.000 χ^2 /NDF: 48650023.7/35

In: 34.791 $\pm$ 0.009 χ^2 /NDF: 235945.9/19

Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 46978844.9/23

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 82729529.7/43

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2 /NDF: 2228881.4/16

Left Out: 128.383+/-0.035 χ^2 /NDF:14788.9/4

Right Out: 27.798+/-0.000 χ^2 /NDF: 9183707.8/18

Left In: 126.941+/-0.060 χ^2 /NDF:1380.4/2

Left: 128.025+/-0.030 χ^2 /NDF: 16599.3/7

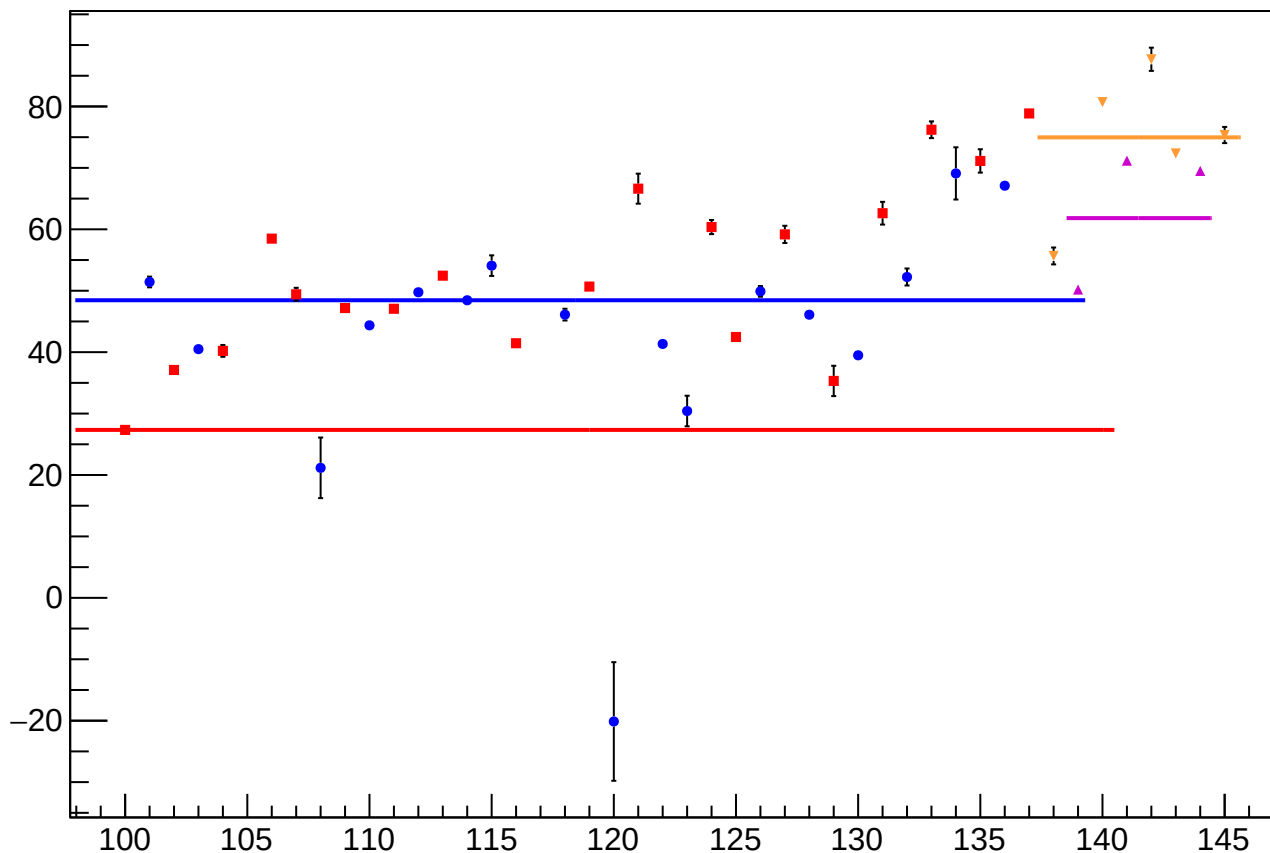
Right: 27.798+/-0.000 χ^2 /NDF: 13786729.0/35

In: 92.357+/-0.030 χ^2 /NDF:2667551.6/19

Out: 27.798+/-0.000 χ^2 /NDF:17628202.9/23

All: 27.798+/-0.000 χ^2 /NDF: 24938191.2/43

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 74.970 $\pm$ 0.455 χ^2 /NDF:314.3/4

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

Left In: 61.823 $\pm$ 0.331 χ^2 /NDF:917.6/2

Left: 66.383 $\pm$ 0.268 χ^2 /NDF: 1777.7/7

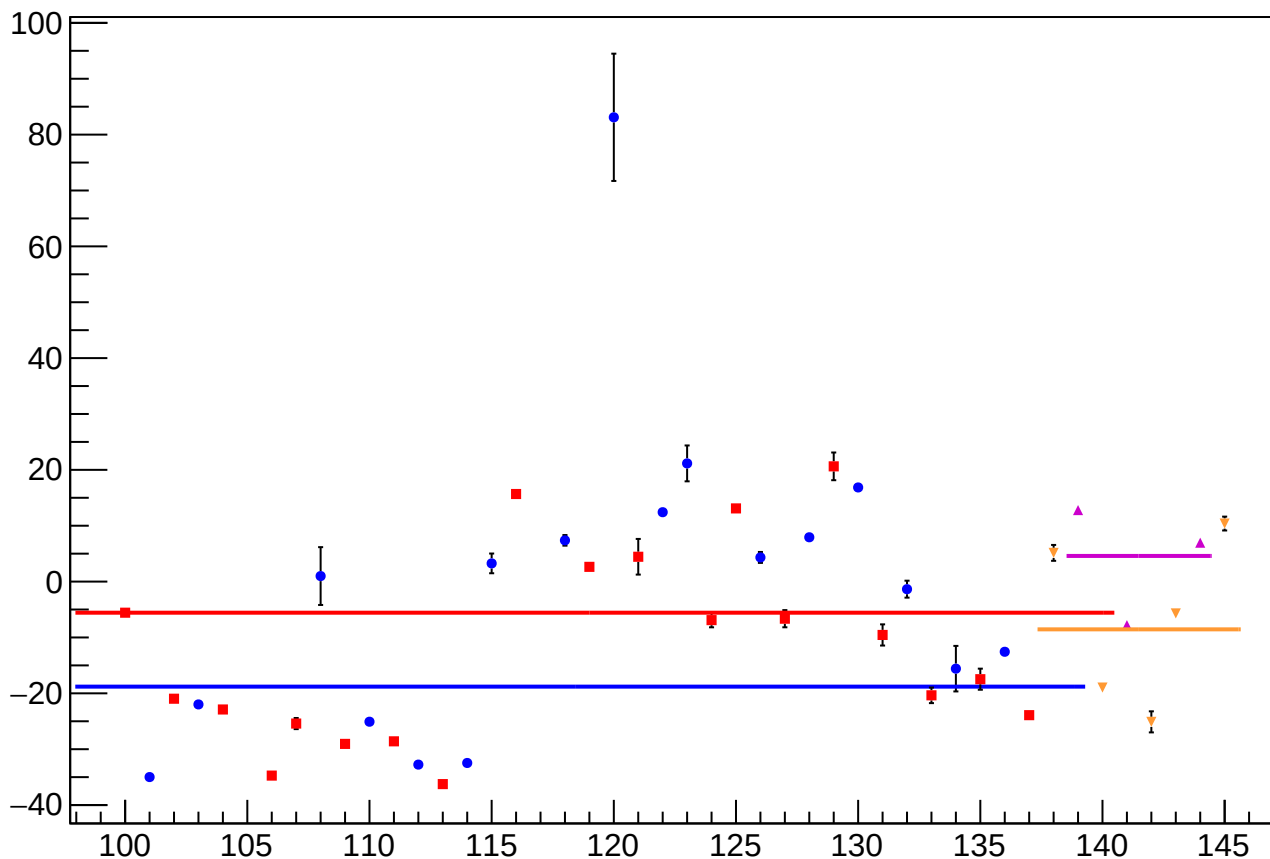
Right: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888328

In: 48.450 $\pm$ 0.000 χ^2 /NDF:5296.9/19

Out: 27.342 $\pm$ 0.000 χ^2 /NDF:37090.6/23

All: 28.365 $\pm$ 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: -8.549 ± 0.453 $\chi^2/\text{NDF}: 614.8/4$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

Left In: 4.592 ± 0.326 $\chi^2/\text{NDF}: 769.0/2$

Left: 0.103 ± 0.265 $\chi^2/\text{NDF}: 1938.8/7$

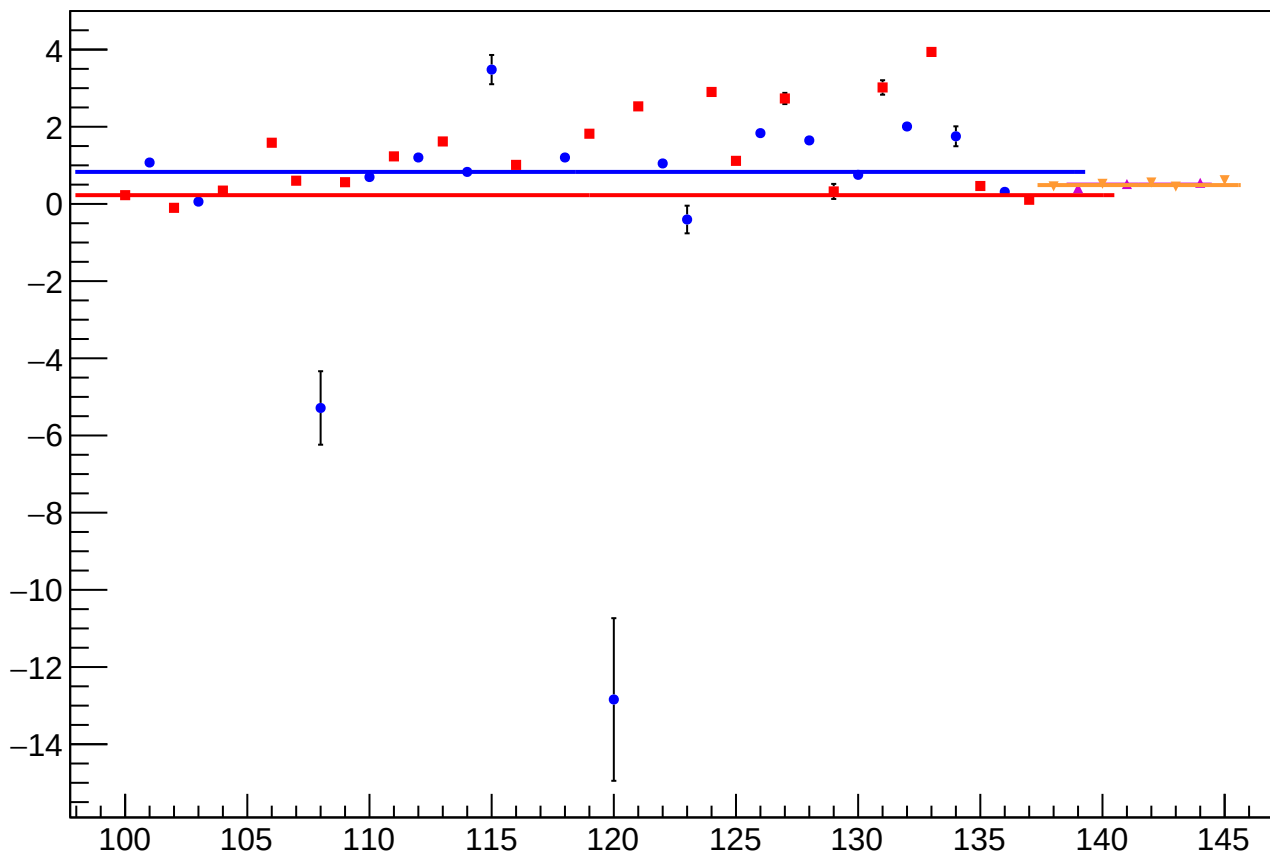
Right: -5.568 ± 0.000 $\chi^2/\text{NDF}: 42808.5/35$

In: -14.784 ± 0.135 $\chi^2/\text{NDF}: 16797.4/19$

Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23755.5/23$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 45206.7/43$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 14882.7/16$

Left Out: 0.489 ± 0.003 $\chi^2/\text{NDF}: 264.9/4$

Right Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 11819.9/18$

Left In: 0.501 ± 0.003 $\chi^2/\text{NDF}: 414.4/2$

Left: 0.495 ± 0.002 $\chi^2/\text{NDF}: 689.7/7$

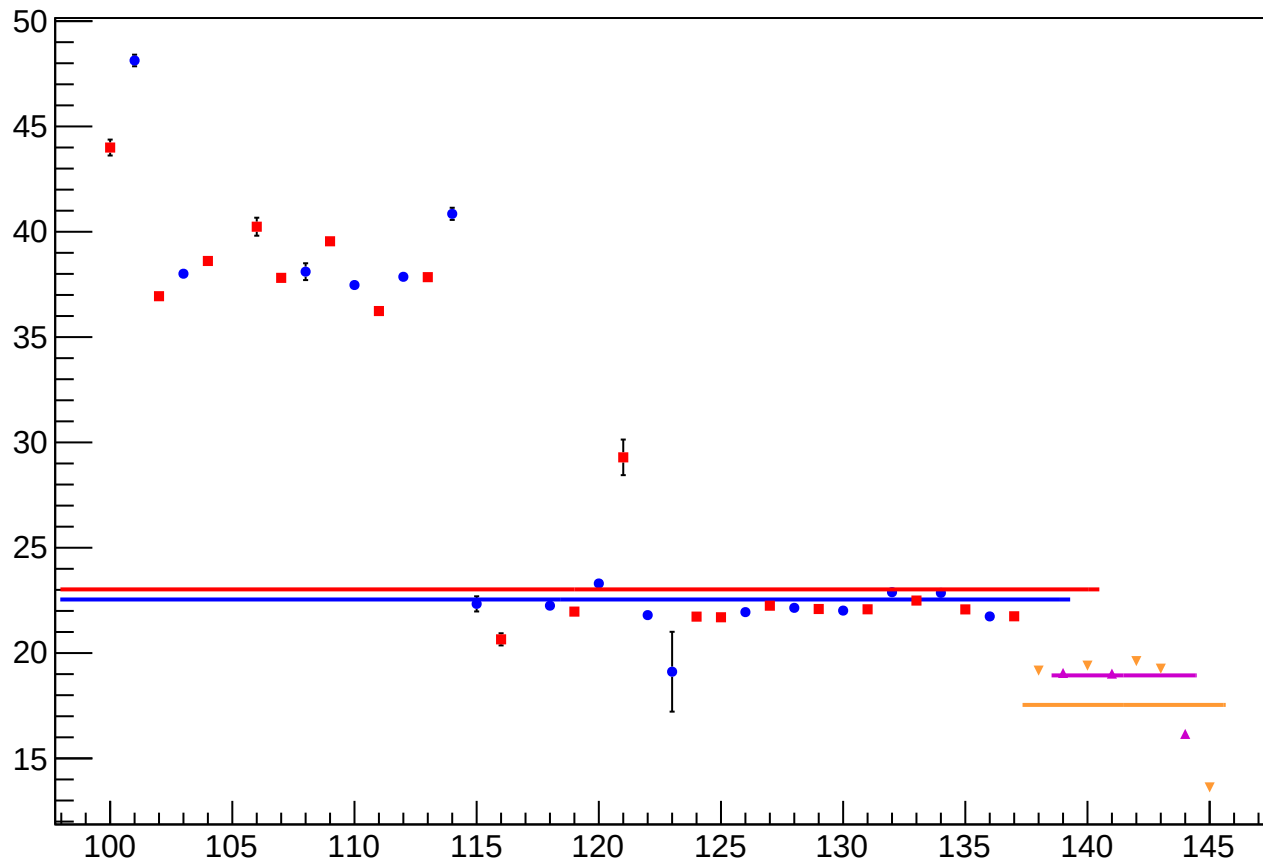
Right: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457147$

In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 30765.1/19$

Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 20973.3/23$

All: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 17.539 $\pm$ 0.010 χ^2 /NDF:66335.4/4

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

Left In: 18.940 $\pm$ 0.016 χ^2 /NDF:1054.8/2

Left: 17.951 $\pm$ 0.009 χ^2 /NDF: 72758.1/7

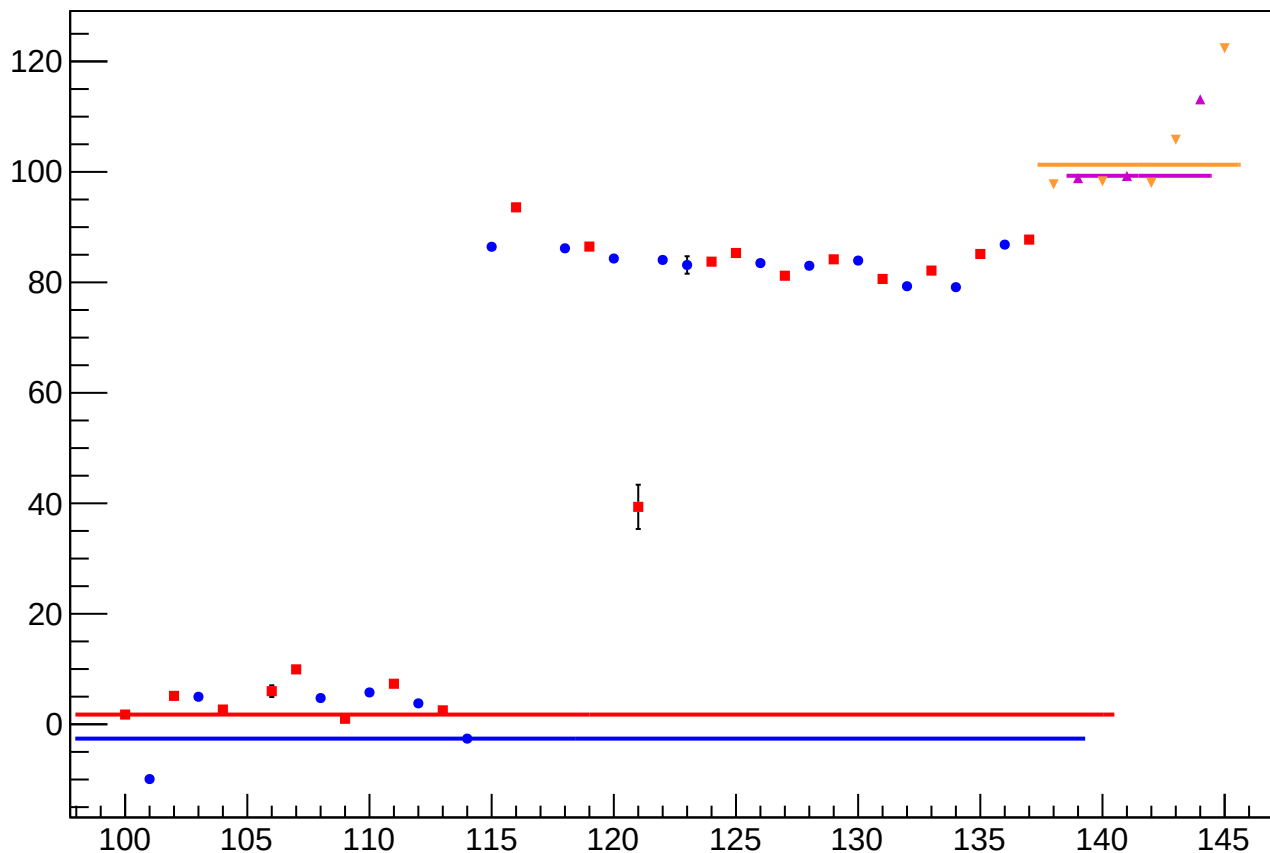
Right: 22.790 $\pm$ 0.006 χ^2 /NDF: 272655.1/35

In: 21.637 $\pm$ 0.008 χ^2 /NDF:144170.0/19

Out: 20.655 $\pm$ 0.007 χ^2 /NDF:390851.6/23

All: 21.065 $\pm$ 0.005 χ^2 /NDF: 543682.5/43

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596 ± 0.000 χ^2/NDF : 7395182.7/16

Left Out: 101.298 ± 0.029 χ^2/NDF : 51240.7/4

Right Out: 1.758 ± 0.000 χ^2/NDF : 4230949.4/18

Left In: 99.299 ± 0.031 χ^2/NDF : 1219.2/2

Left: 100.362 ± 0.021 χ^2/NDF : 54693.3/7

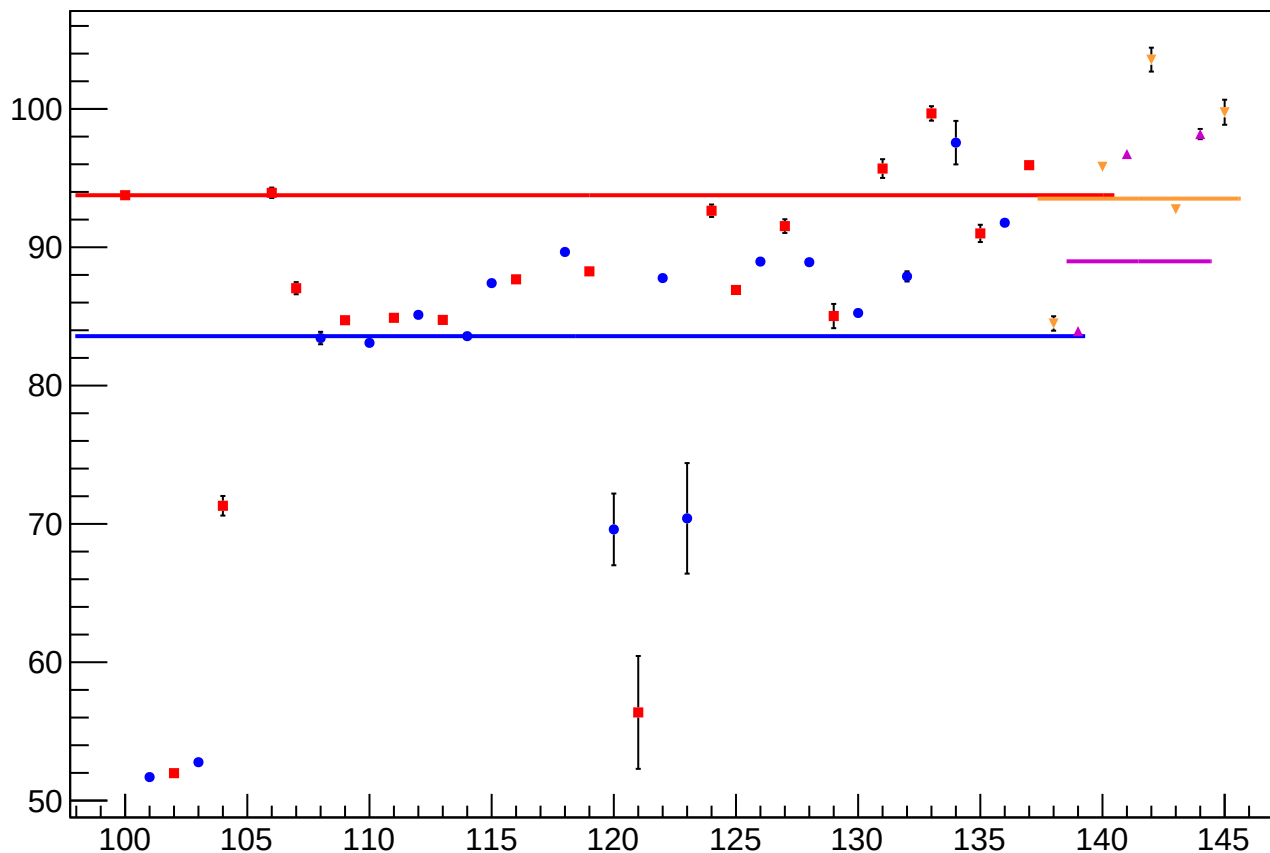
Right: -1.059 ± 0.000 χ^2/NDF : 3731791751577379

In: -2.596 ± 0.000 χ^2/NDF : 18305833.3/19

Out: 1.758 ± 0.000 χ^2/NDF : 16100301.0/23

All: -1.059 ± 0.000 χ^2/NDF : 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573 ± 0.000 $\chi^2/\text{NDF}: 49468.0/16$

Left Out: 93.516 ± 0.173 $\chi^2/\text{NDF}: 548.3/4$

Right Out: 93.762 ± 0.000 $\chi^2/\text{NDF}: 82848.8/18$

Left In: 88.983 ± 0.145 $\chi^2/\text{NDF}: 2008.8/2$

Left: 90.852 ± 0.111 $\chi^2/\text{NDF}: 2959.1/7$

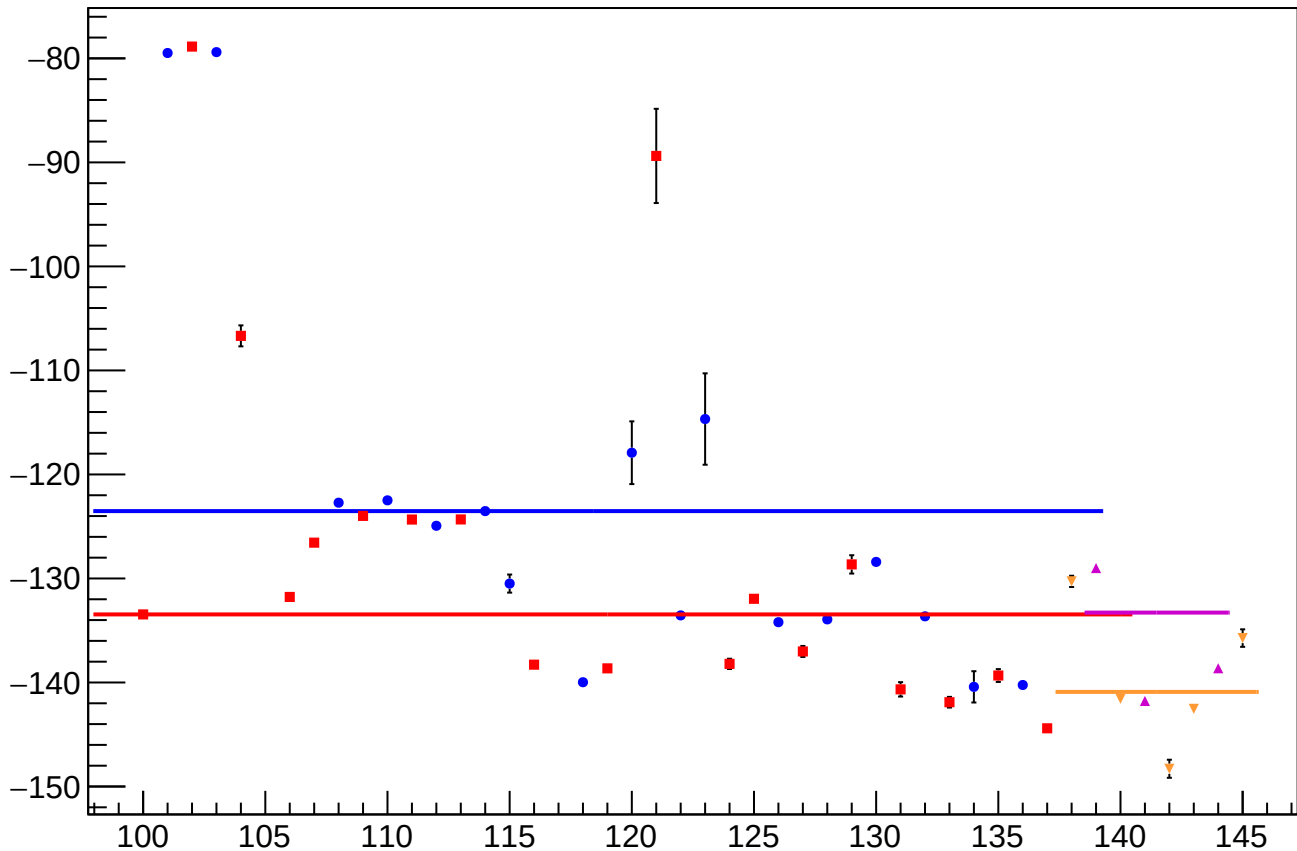
Right: 87.169 ± 0.000 $\chi^2/\text{NDF}: 1995684404141260$

In: 83.573 ± 0.000 $\chi^2/\text{NDF}: 52865.8/19$

Out: 93.762 ± 0.000 $\chi^2/\text{NDF}: 83399.1/23$

All: 87.169 ± 0.000 $\chi^2/\text{NDF}: 1995684404141$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 160356.5/16$

Left Out: -140.906 ± 0.172 $\chi^2/\text{NDF}: 545.6/4$

Right Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 394896.3/18$

Left In: -133.281 ± 0.139 $\chi^2/\text{NDF}: 1621.1/2$

Left: -136.302 ± 0.108 $\chi^2/\text{NDF}: 3351.2/7$

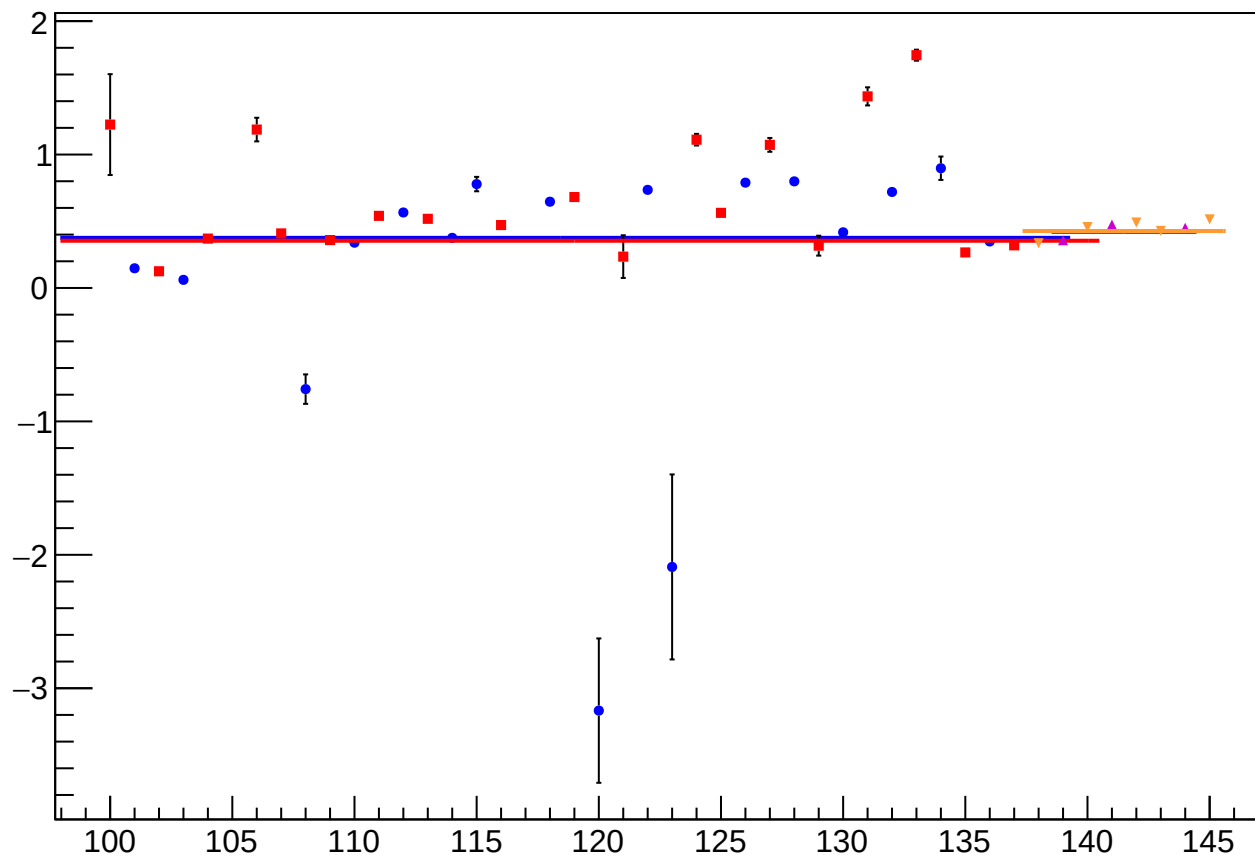
Right: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901657$

In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 166872.3/19$

Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 397314.6/23$

All: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.427 $\pm$ 0.001 χ^2 /NDF:700.9/4

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

Left In: 0.420 $\pm$ 0.001 χ^2 /NDF:2603.4/2

Left: 0.423 $\pm$ 0.001 χ^2 /NDF: 3319.6/7

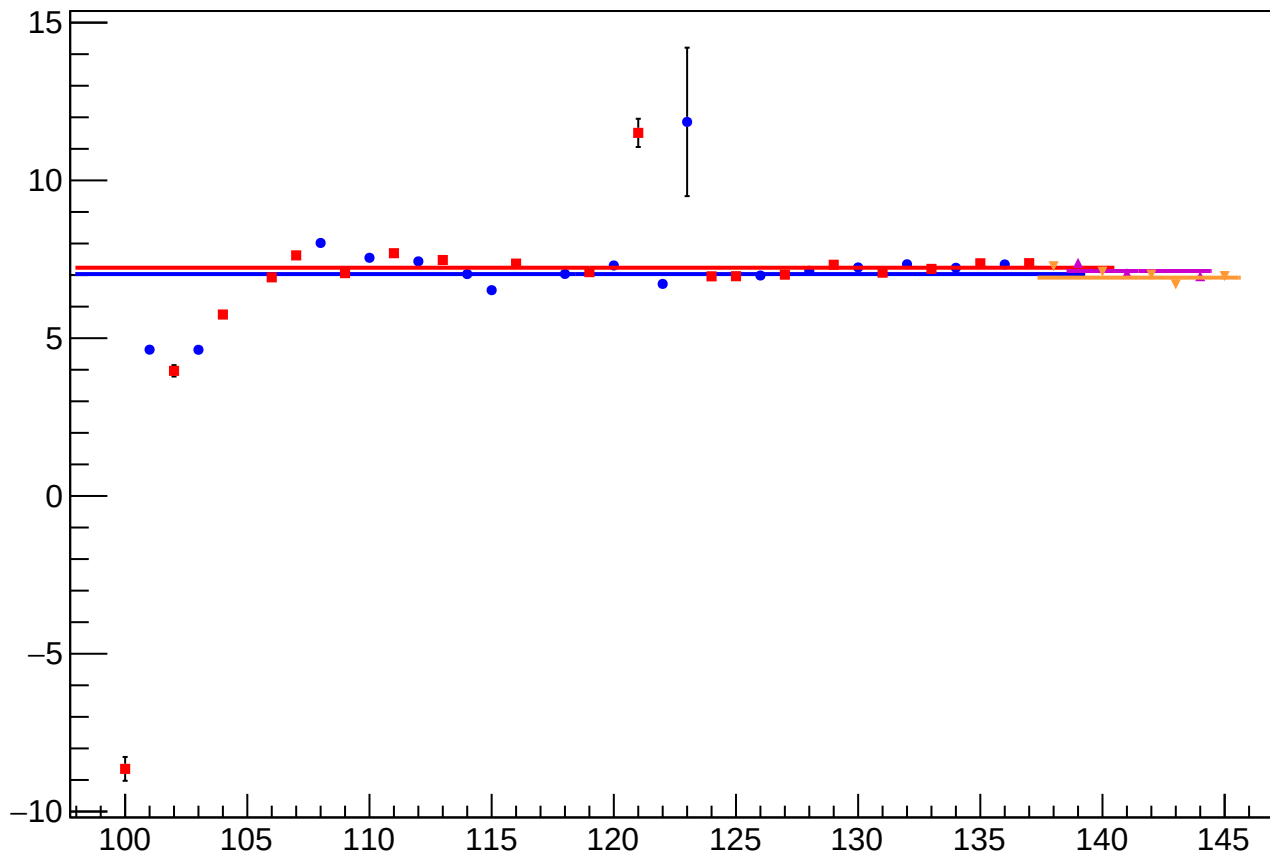
Right: 0.376 $\pm$ 0.000 χ^2 /NDF: 8762.1/35

In: 0.376 $\pm$ 0.000 χ^2 /NDF:8226.0/19

Out: 0.393 $\pm$ 0.001 χ^2 /NDF:6547.9/23

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 15063.0/43

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 6.919 $\pm$ 0.003 χ^2 /NDF:6617.2/4

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

Left In: 7.129 $\pm$ 0.002 χ^2 /NDF:5509.3/2

Left: 7.035 $\pm$ 0.002 χ^2 /NDF: 15381.9/7

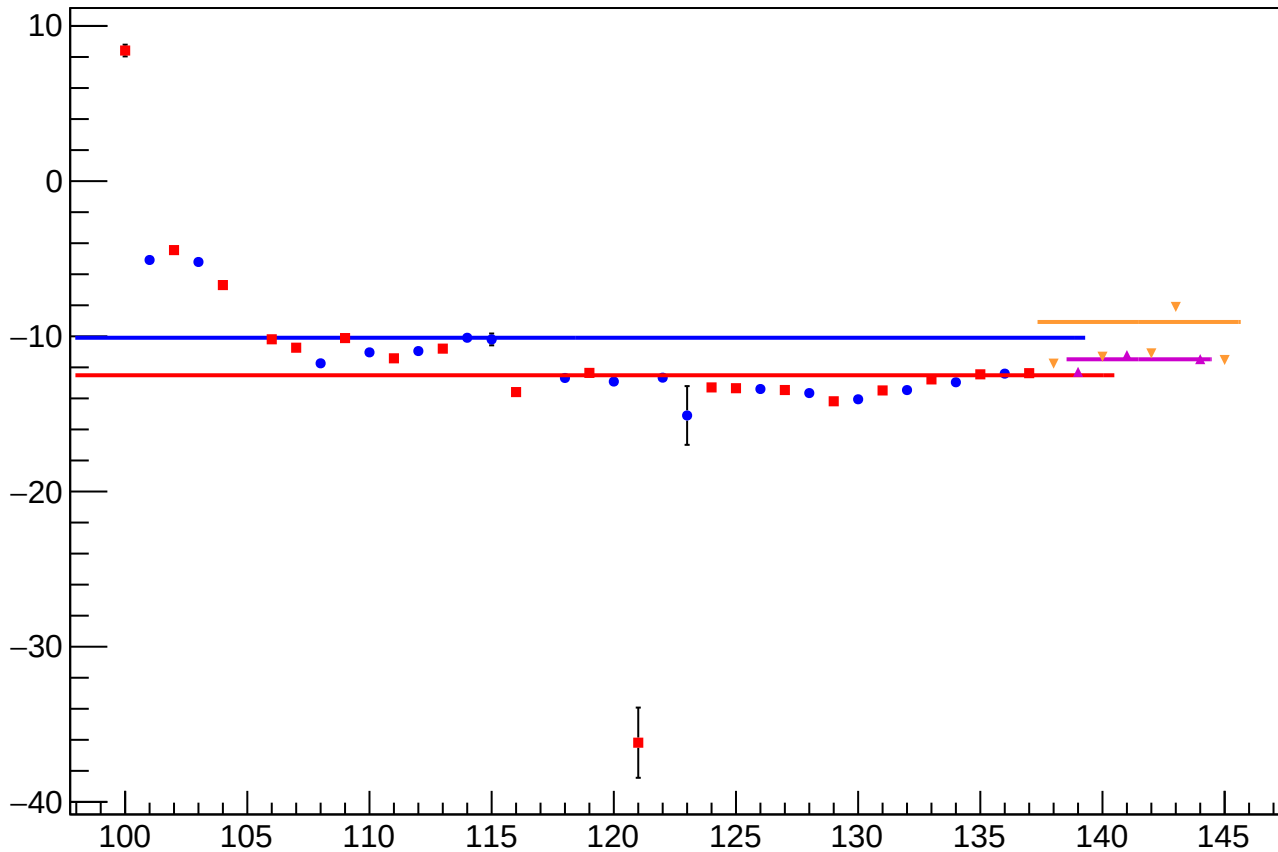
Right: 7.032 $\pm$ 0.000 χ^2 /NDF: 36990.7/35

In: 7.032 $\pm$ 0.000 χ^2 /NDF:26848.5/19

Out: 7.098 $\pm$ 0.002 χ^2 /NDF:24170.0/23

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 52376.6/43

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 ± 0.000 $\chi^2/\text{NDF}: 543504.2/16$

Left Out: -9.074 ± 0.005 $\chi^2/\text{NDF}: 89855.6/4$

Right Out: -12.509 ± 0.004 $\chi^2/\text{NDF}: 103509.4/18$

Left In: -11.480 ± 0.007 $\chi^2/\text{NDF}: 3066.4/2$

Left: -9.861 ± 0.004 $\chi^2/\text{NDF}: 167716.7/7$

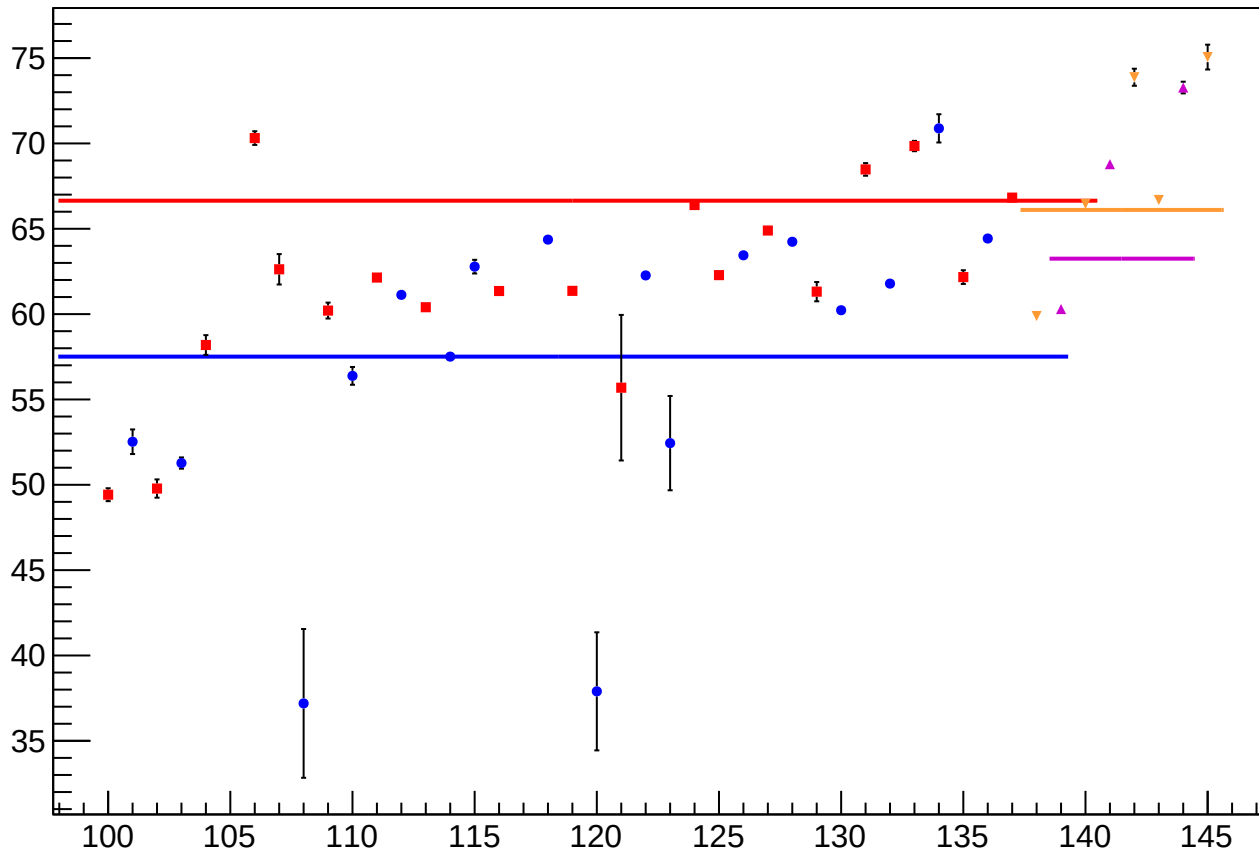
Right: -10.092 ± 0.000 $\chi^2/\text{NDF}: 1062248.5/35$

In: -10.092 ± 0.000 $\chi^2/\text{NDF}: 583592.1/19$

Out: -11.282 ± 0.003 $\chi^2/\text{NDF}: 492841.8/23$

All: -10.092 ± 0.000 $\chi^2/\text{NDF}: 1233076.0/43$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 66.104 $\pm$ 0.119 χ^2 /NDF:871.6/4

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

Left In: 63.249 $\pm$ 0.098 χ^2 /NDF:2184.9/2

Left: 64.406 $\pm$ 0.076 χ^2 /NDF: 3398.1/7

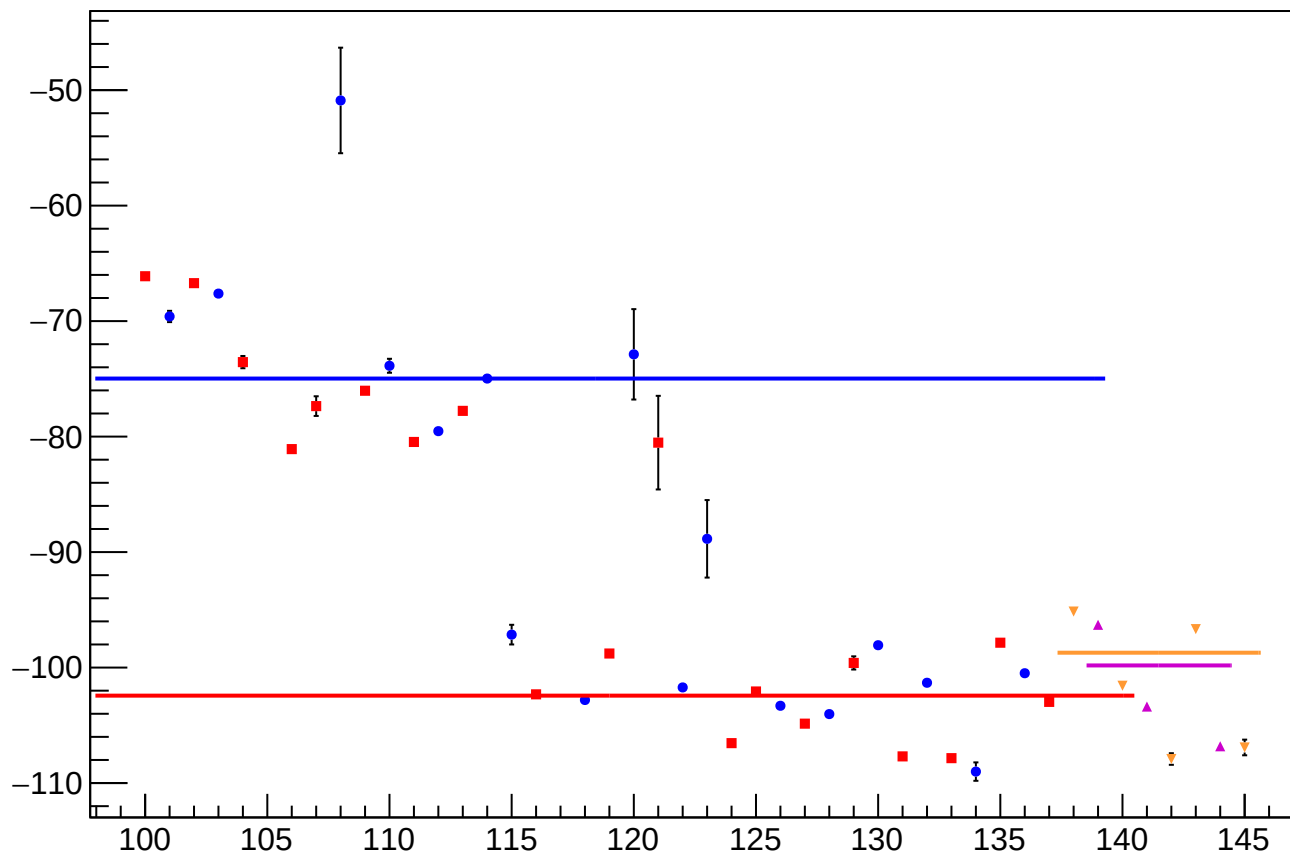
Right: 57.510 $\pm$ 0.000 χ^2 /NDF: 504438.3/35

In: 57.510 $\pm$ 0.000 χ^2 /NDF:13698.5/19

Out: 66.638 $\pm$ 0.013 χ^2 /NDF:9055.7/23

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 516103.3/43

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -98.712 ± 0.119 $\chi^2/\text{NDF}: 920.0/4$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

Left In: -99.815 ± 0.116 $\chi^2/\text{NDF}: 1253.5/2$

Left: -99.281 ± 0.083 $\chi^2/\text{NDF}: 2217.5/7$

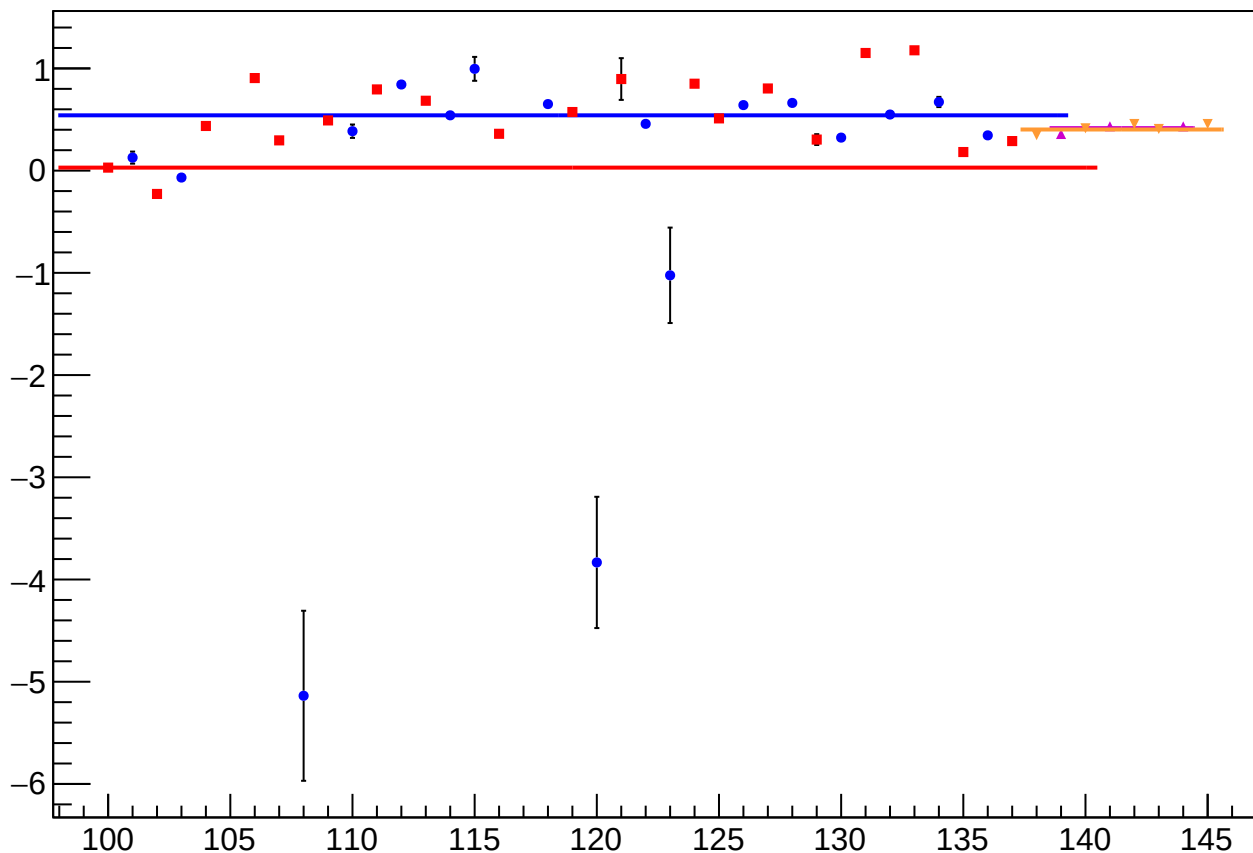
Right: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2556524.2/35$

In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 177915.2/19$

Out: -102.349 ± 0.018 $\chi^2/\text{NDF}: 52246.9/23$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2644380.0/43$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF : 29180.5/16

Left Out: 0.402+/-0.001 χ^2/NDF : 528.9/4

Right Out: 0.030+/-0.000 χ^2/NDF : 121659.5/18

Left In: 0.416+/-0.001 χ^2/NDF : 1037.2/2

Left: 0.410+/-0.001 χ^2/NDF : 1649.0/7

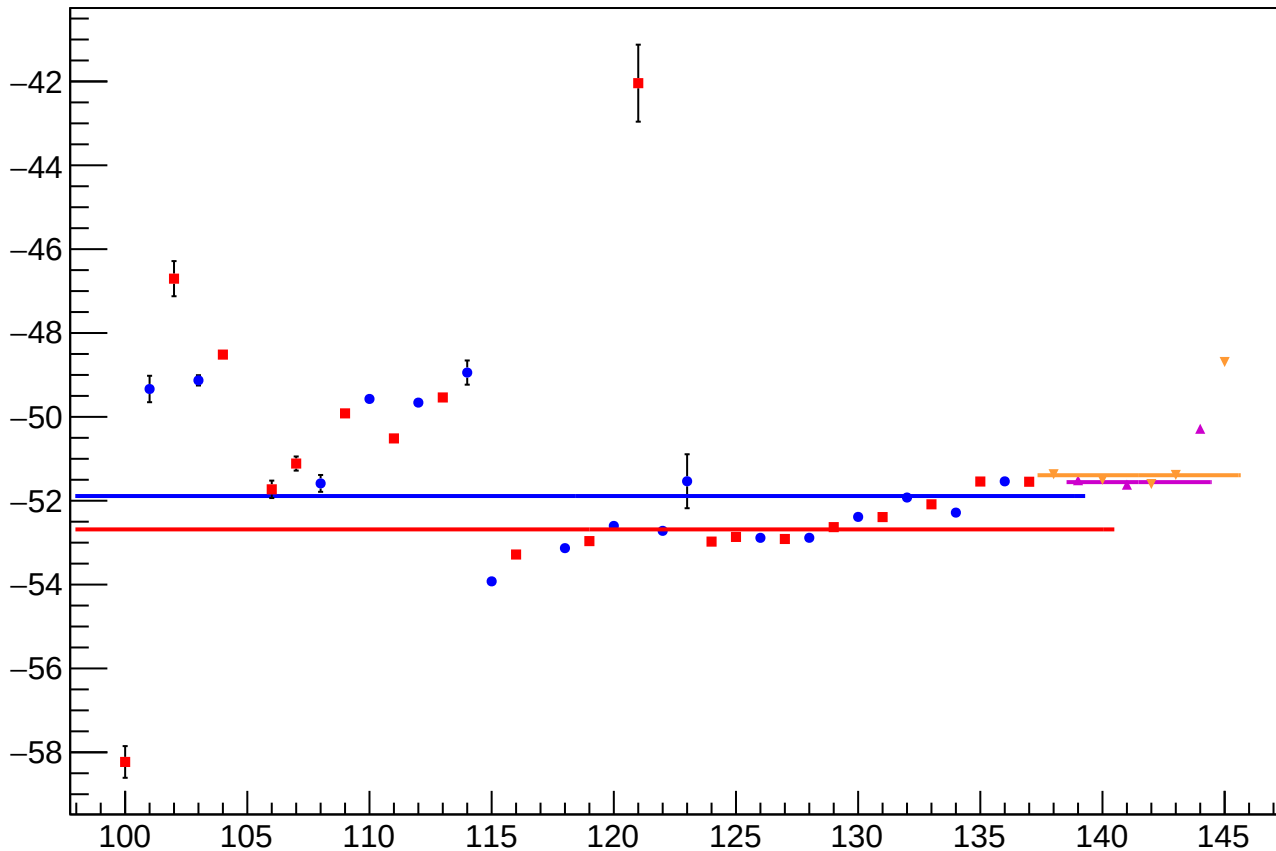
Right: 0.030+/-0.000 χ^2/NDF : 23314297700963382

In: 0.541+/-0.000 χ^2/NDF : 46318.6/19

Out: 0.030+/-0.000 χ^2/NDF : 229747.4/23

All: 0.030+/-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: -51.392 $\pm$ 0.004 χ^2 /NDF: 5032.7/4

Right Out: -52.684 $\pm$ 0.003 χ^2 /NDF: 56125.8/18

Left In: -51.556 $\pm$ 0.004 χ^2 /NDF: 2664.3/2

Left: -51.484 $\pm$ 0.003 χ^2 /NDF: 8497.4/7

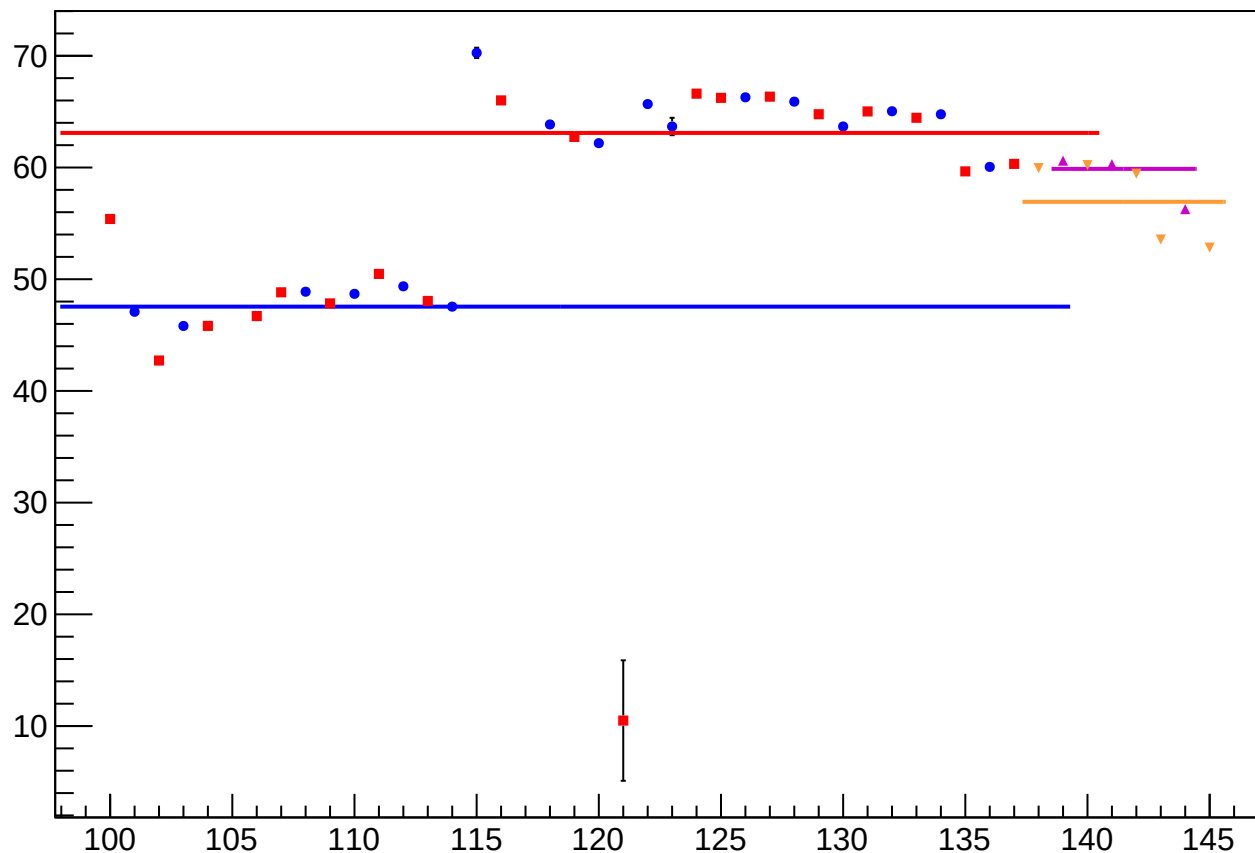
Right: -52.231 $\pm$ 0.002 χ^2 /NDF: 188721.6/35

In: -51.805 $\pm$ 0.002 χ^2 /NDF: 85778.2/19

Out: -52.351 $\pm$ 0.002 χ^2 /NDF: 126824.4/23

All: -52.042 $\pm$ 0.001 χ^2 /NDF: 247275.9/43

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Left Out: 56.930+/-0.008 χ^2/NDF :159877.9/4

Right Out: 63.095+/-0.007 χ^2/NDF : 333637.2/18

Left In: 59.876+/-0.022 χ^2/NDF :3655.0/2

Left: 57.287+/-0.008 χ^2/NDF : 179876.6/7

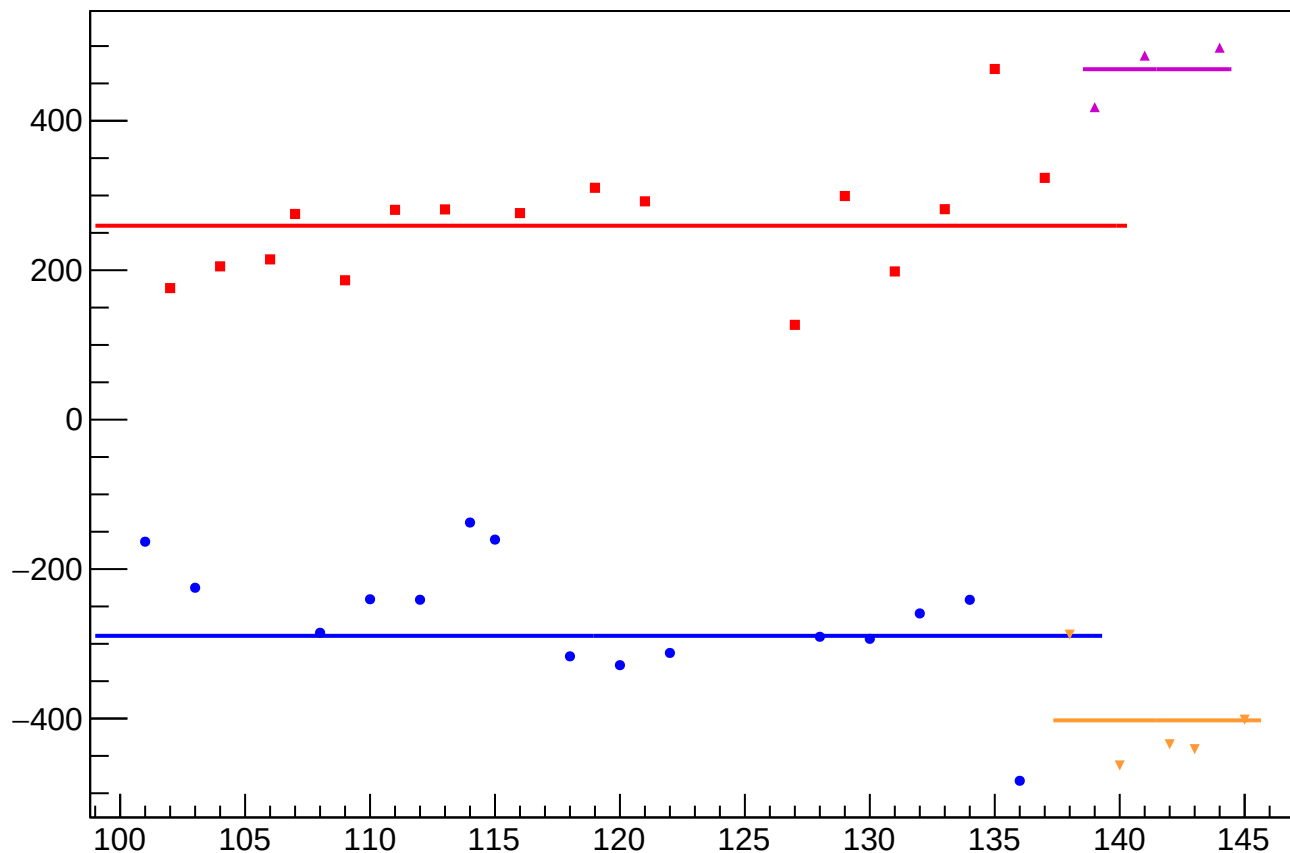
Right: 47.545+/-0.000 χ^2/NDF : 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF :3821256.8/19

Out: 60.232+/-0.005 χ^2/NDF :809638.6/23

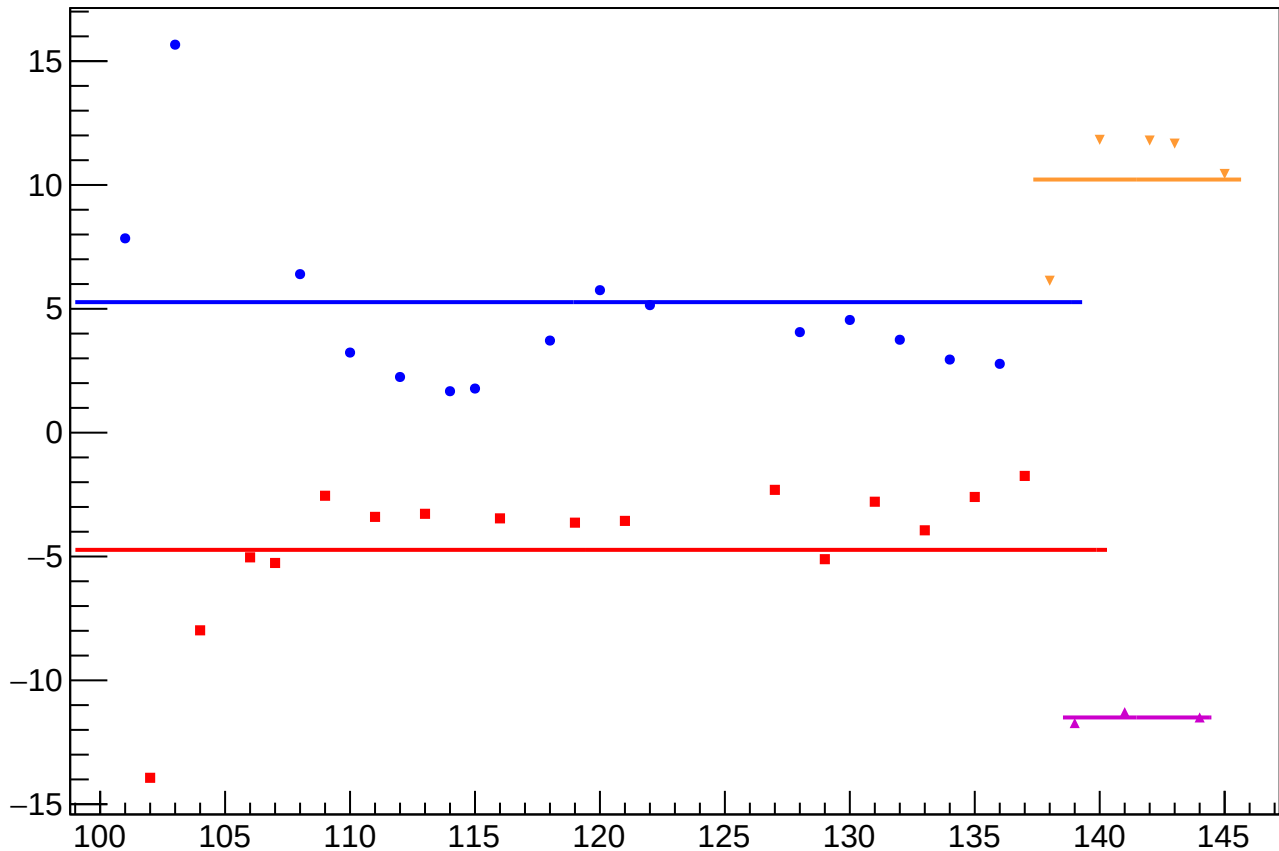
All: 47.545+/-0.000 χ^2/NDF : 10012413.7/43

dit_4aX_coil1_mean vs Slug, Sign Corrected



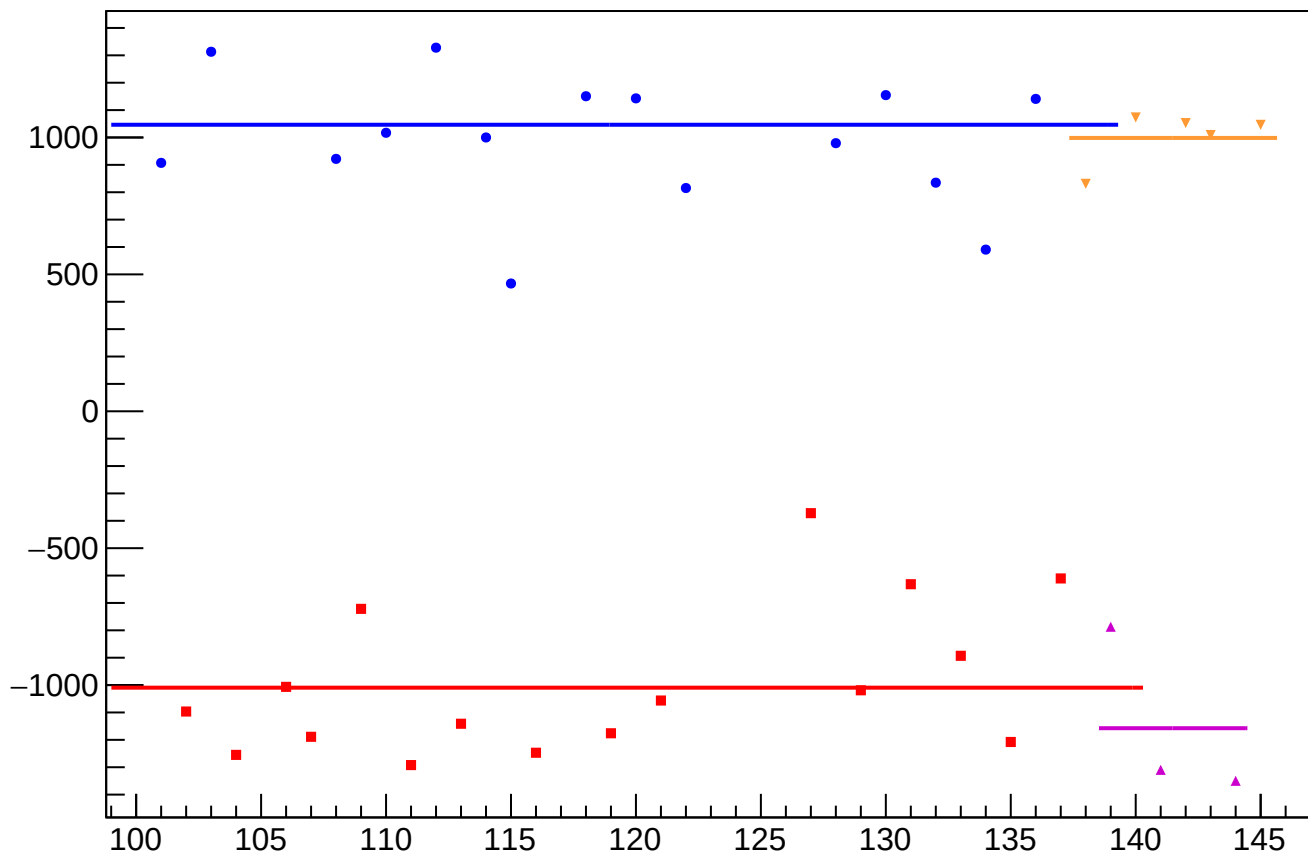
Right In: -289.322 ± 0.000 $\chi^2/\text{NDF}: 5369681640484891478649585392183934976.0/14$
 Left Out: -402.425 ± 0.000 $\chi^2/\text{NDF}: 1472896489624907616817700998809124864.0/4$
 Right Out: 259.558 ± 0.000 $\chi^2/\text{NDF}: 4299886792692123970784563983770714112.0/15$
 Left In: 469.027 ± 0.000 $\chi^2/\text{NDF}: 311014949093836037041567916600852480.0/2$
 All: -18.884 ± 0.000 $\chi^2/\text{NDF}: 222969385996$

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



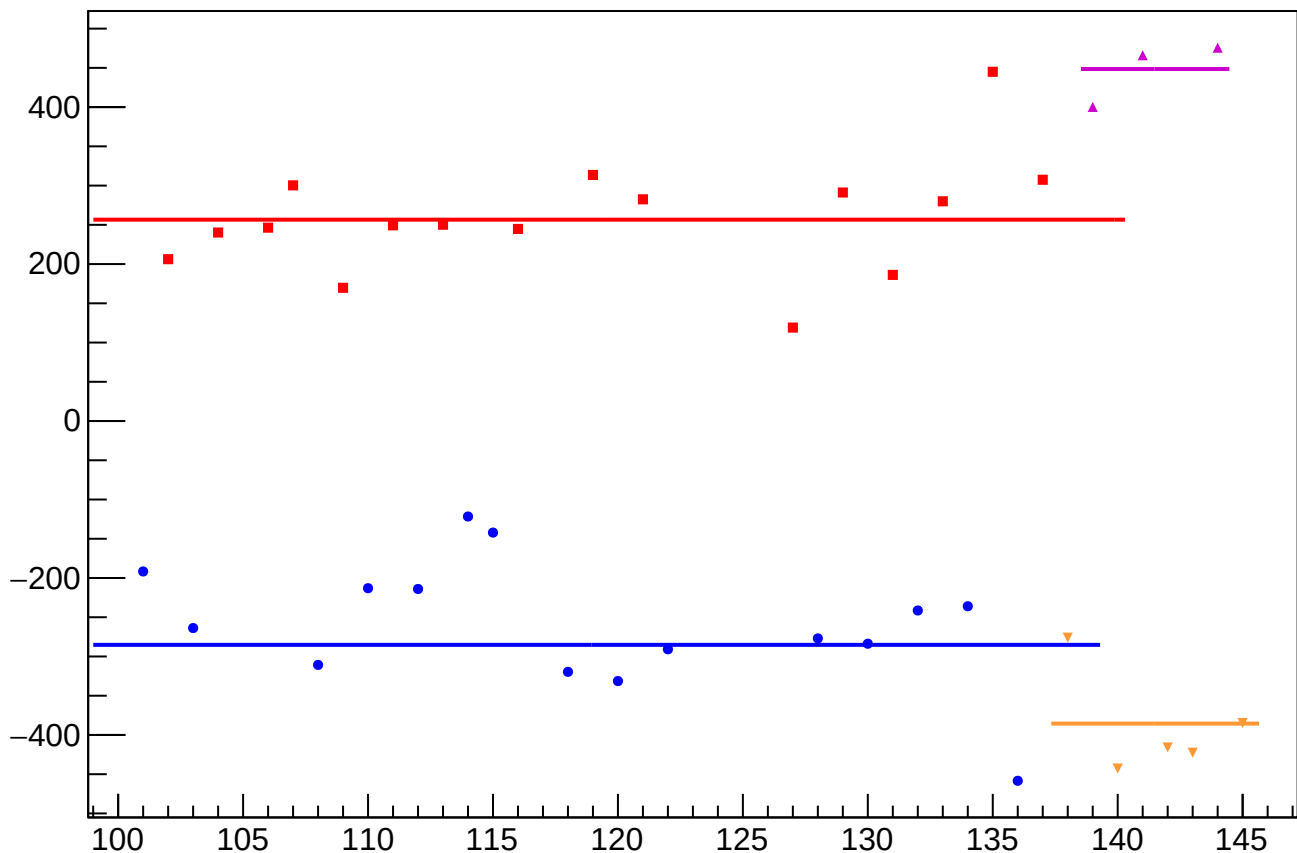
Right In: 5.270 $\pm$ 0.000 χ^2 /NDF: 8709683292123798330550906790084608.0/14
 Left Out: 10.219 $\pm$ 0.000 χ^2 /NDF: 1771697491059727730715727360950272.0/4
 Right Out: -4.732 $\pm$ 0.000 χ^2 /NDF: 6856893072575211562802281426452480.0/15
 Left In: -11.498 $\pm$ 0.000 χ^2 /NDF: 8062575738321969167275286069248.0/2
 All: 0.478 $\pm$ 0.000 χ^2 /NDF: 12023240787893

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: -285.187+/-0.000

χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -385.502+/-0.000

χ^2/NDF : 1338345584359616727053661173941534720.0/4

Right Out: 256.599+/-0.000

χ^2/NDF : 3648271535971039165952602563191767040.0/15

Left In: 448.548+/-0.000

χ^2/NDF : 280730374821686557425100776712175616.0/2

Left: -34.540+/-0.000 χ^2/NDF : 1043637200444180

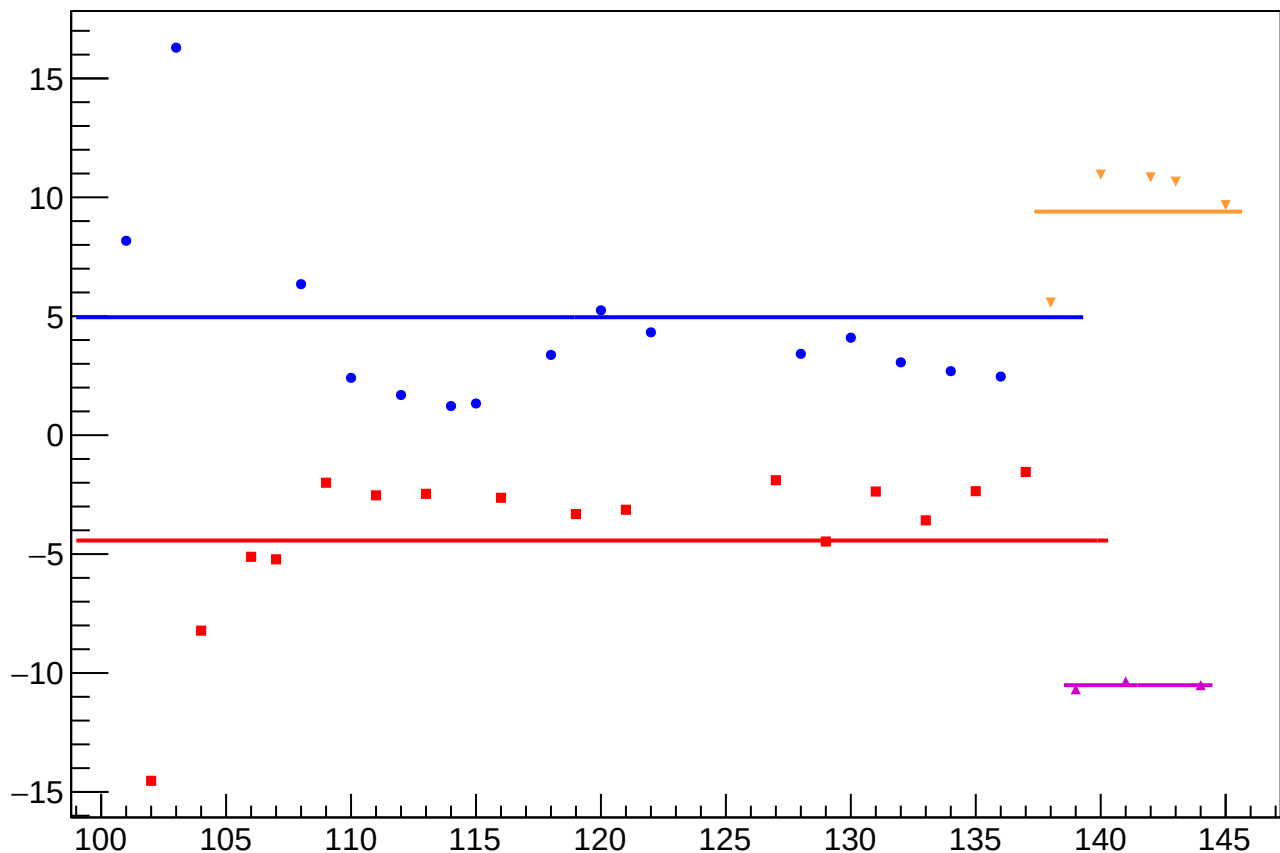
Right: -10.589+/-0.000 χ^2/NDF : 104681795299957

In: -78.215+/-0.000 χ^2/NDF : 10331905940424601

Out: 35.207+/-0.000 χ^2/NDF : 99804852030352496

All: -18.140+/-0.000 χ^2/NDF : 209283550483

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000

χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 9.401+/-0.000

χ^2/NDF : 1545325034090780689716426630496256.0/4

Right Out: -4.429+/-0.000

χ^2/NDF : 8371440400334524571131796772618240.0/15

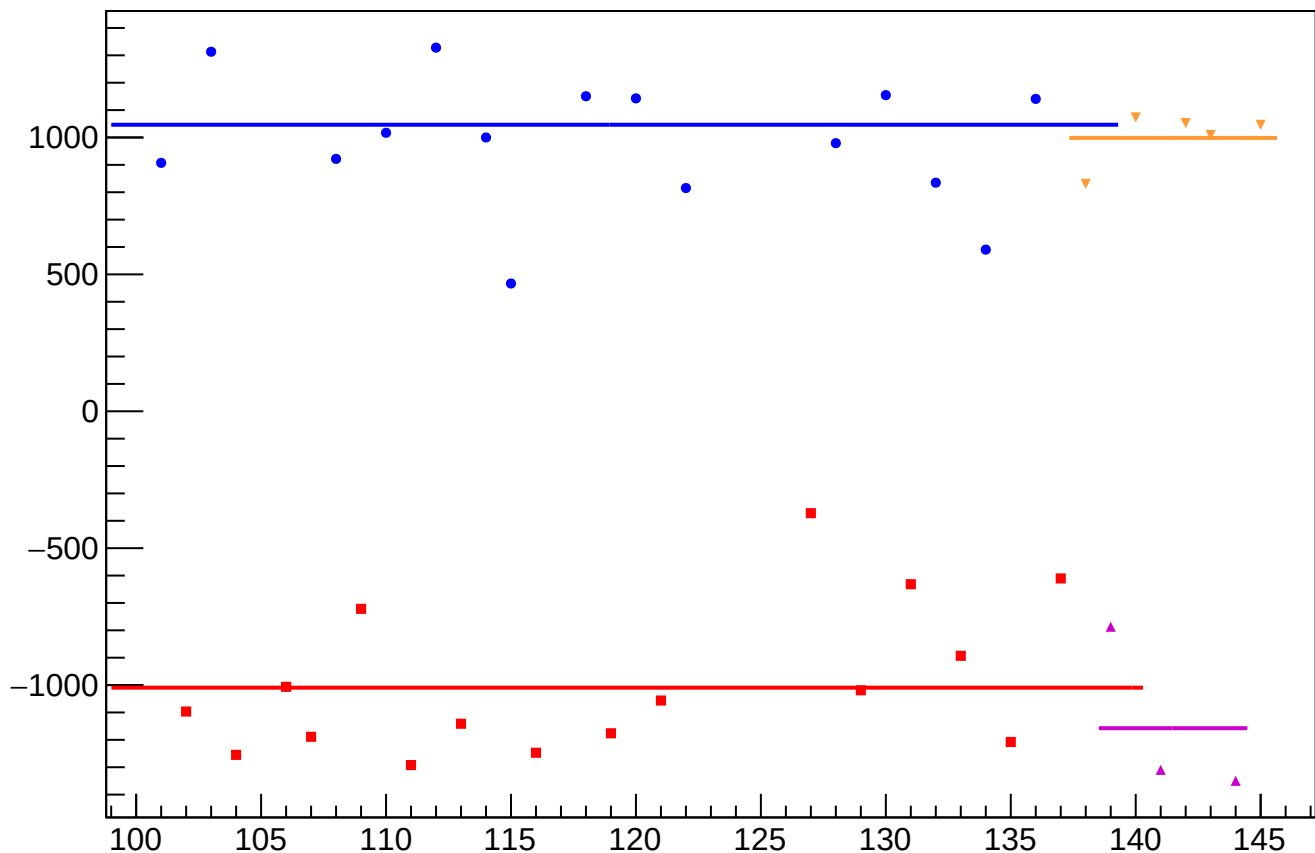
Left In: -10.512+/-0.000

χ^2/NDF : 4588911592216588979422911004672.0/2

All: 0.460+/-0.000

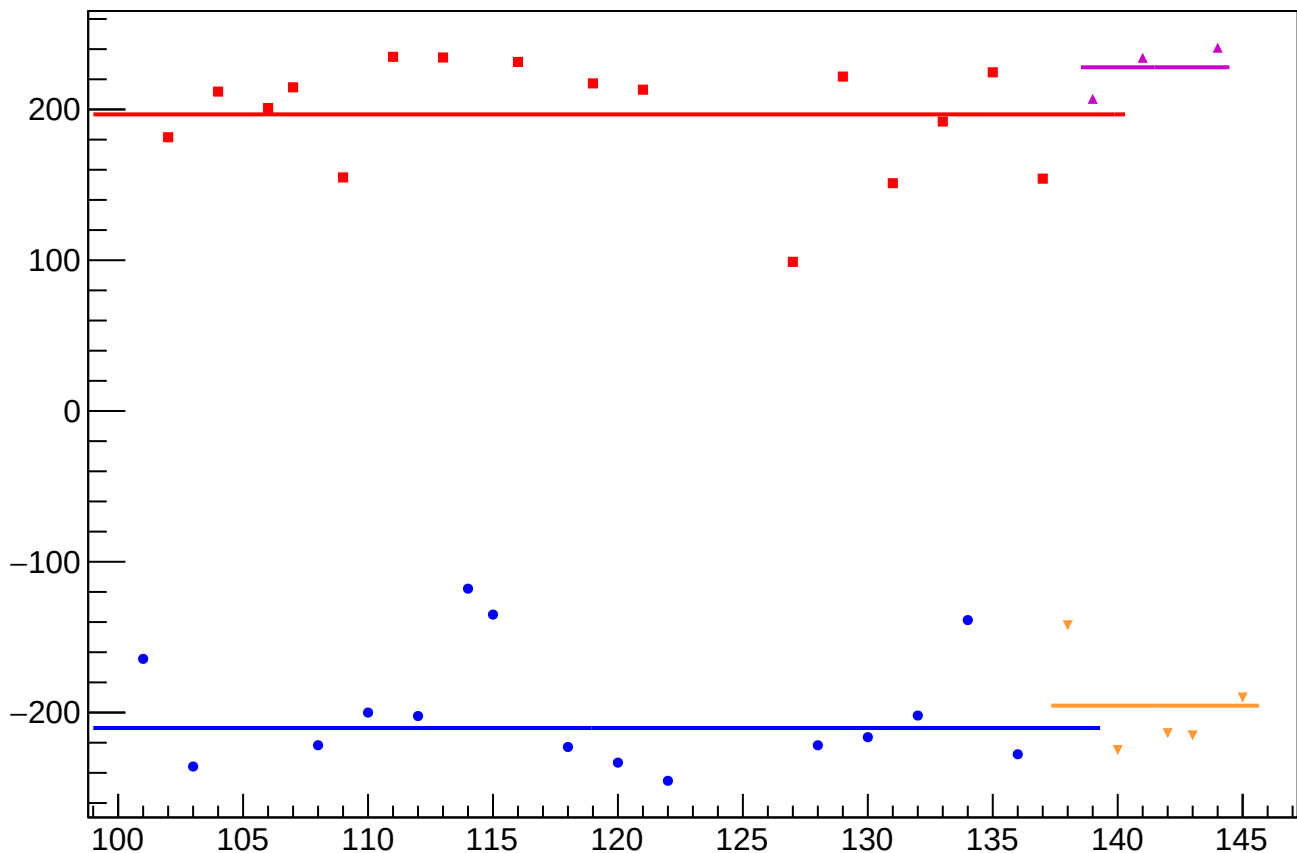
χ^2/NDF : 10822288754150

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left: 91.188+/-0.000 χ^2/NDF : 70578156575233975
 Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 In: 424.794+/-0.000 χ^2/NDF : 93049950328889738
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Out: -317.173+/-0.000 χ^2/NDF : 974660372721038
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000

Left Out: -195.436+/-0.000

Right Out: 196.736+/-0.000

Left In: 227.973+/-0.000

χ^2/NDF : 567711076568068409192467700494893056.0/14

χ^2/NDF : 336201470551607320822973390336819200.0/4

χ^2/NDF : 909588895093044840633640514790359040.0/15

χ^2/NDF : 53845294676422554412812001188249600.0/2

Left: -17.269+/-0.000 χ^2/NDF : 2686859493294092

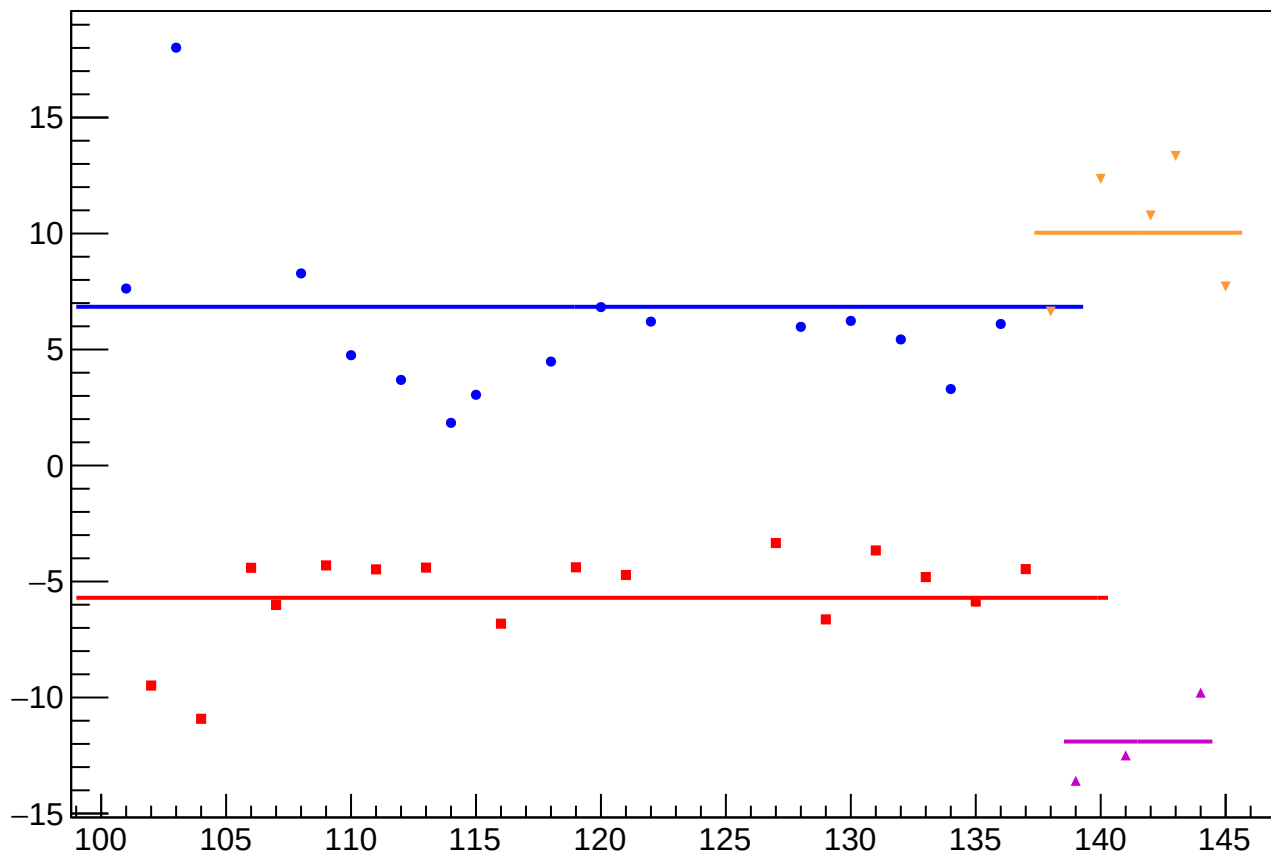
Right: -3.979+/-0.000 χ^2/NDF : 5596508618889263

In: -86.644+/-0.000 χ^2/NDF : 35779974888668627

Out: 61.518+/-0.000 χ^2/NDF : 36616108099739378

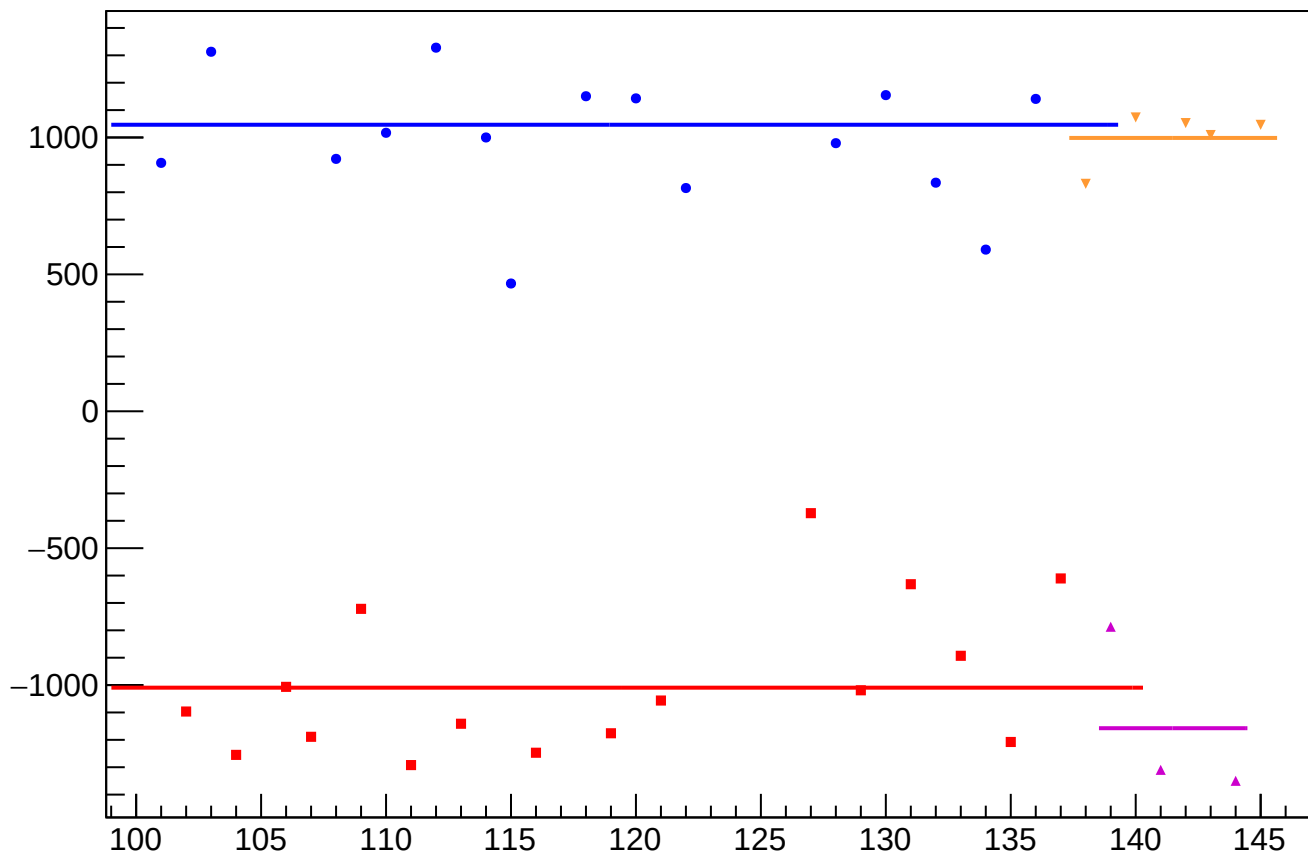
All: -8.169+/-0.000 χ^2/NDF : 8290696442911

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



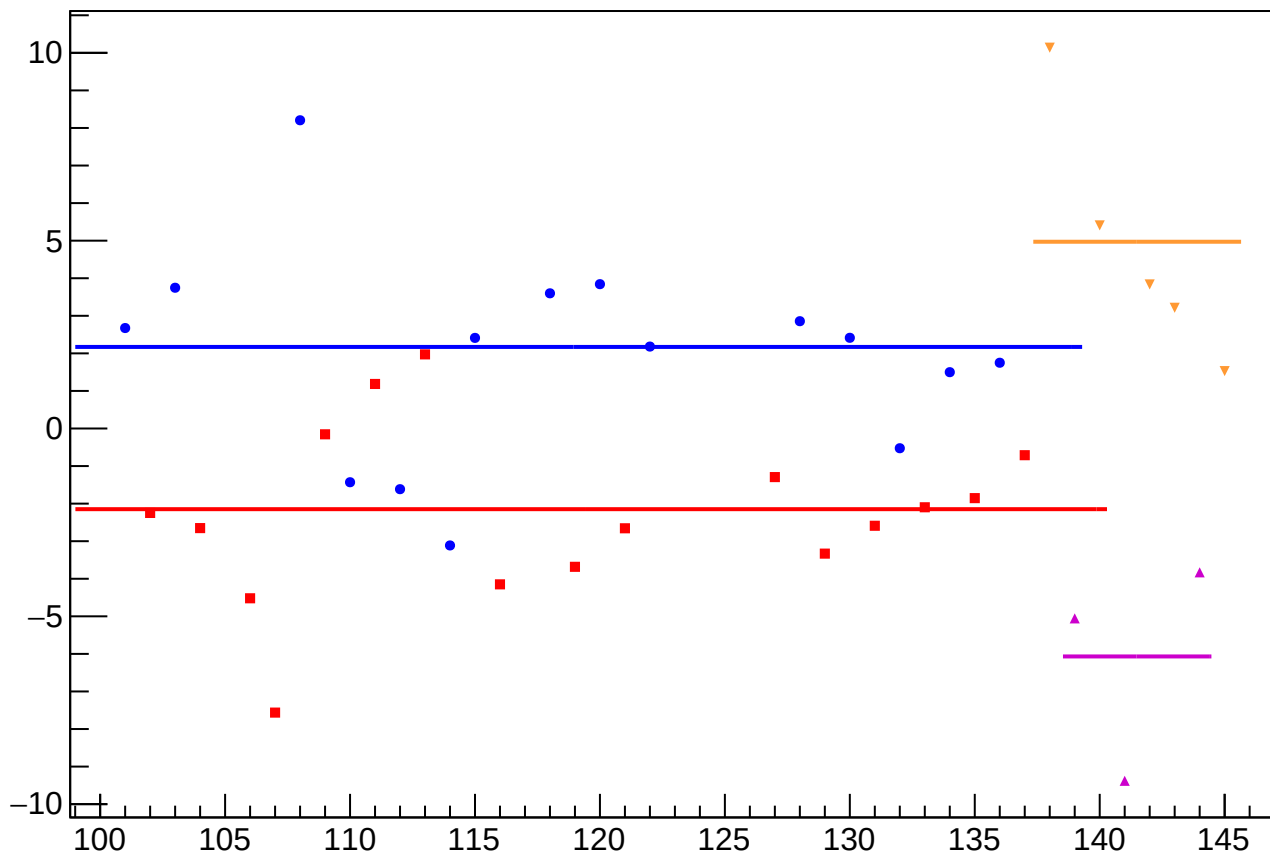
Right In: 6.842 $\pm$ 0.000 χ^2 /NDF: 9355934166823324467316647620771840.0/14
 Left Out: 10.034 $\pm$ 0.000 χ^2 /NDF: 2522534713413026935626039495229440.0/4
 Right Out: -5.701 $\pm$ 0.000 χ^2 /NDF: 3174693398300953393137731791486976.0/15
 Left In: -11.898 $\pm$ 0.000 χ^2 /NDF: 657114598684096782724249239420928.0/2
 All: 0.586 $\pm$ 0.000 χ^2 /NDF: 13855001478450

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



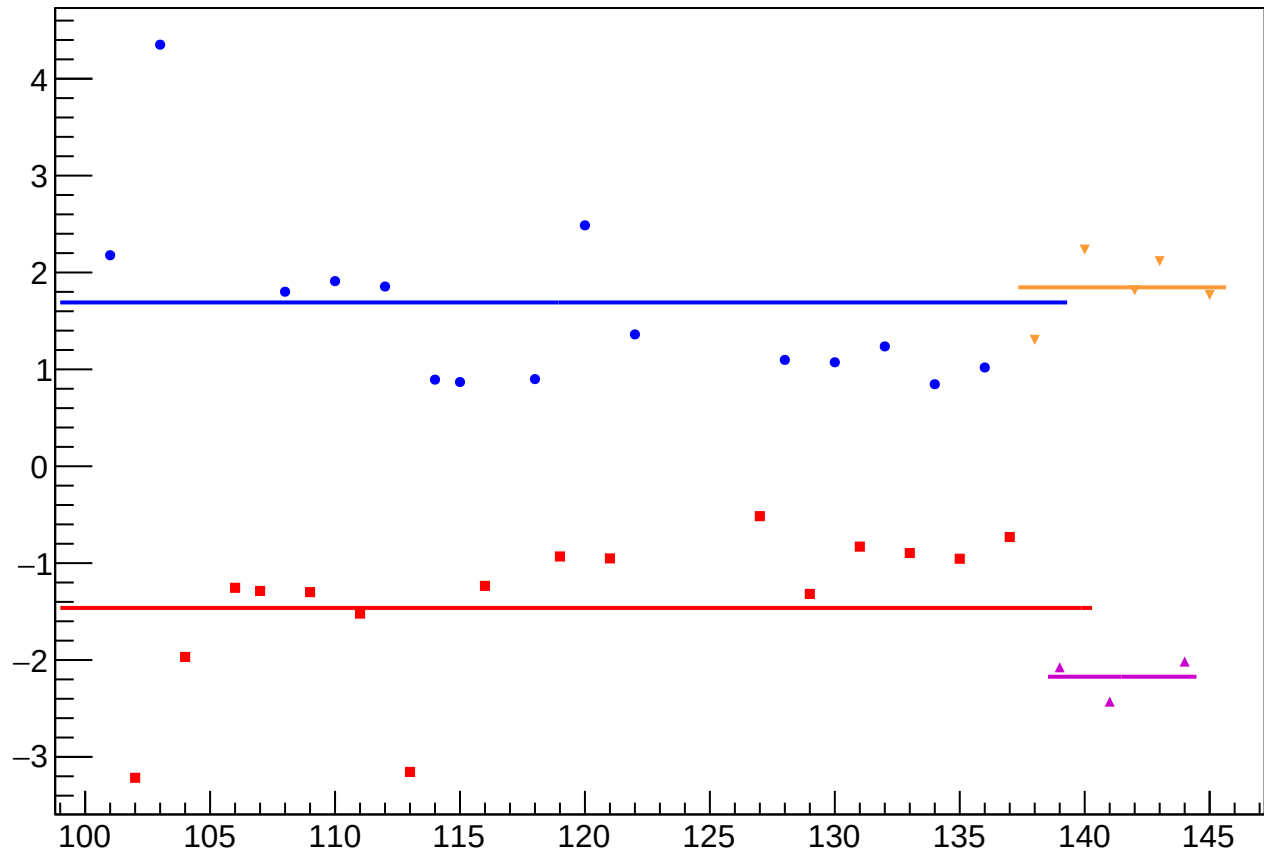
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_4aY_coil1_mean vs Slug, Sign Corrected



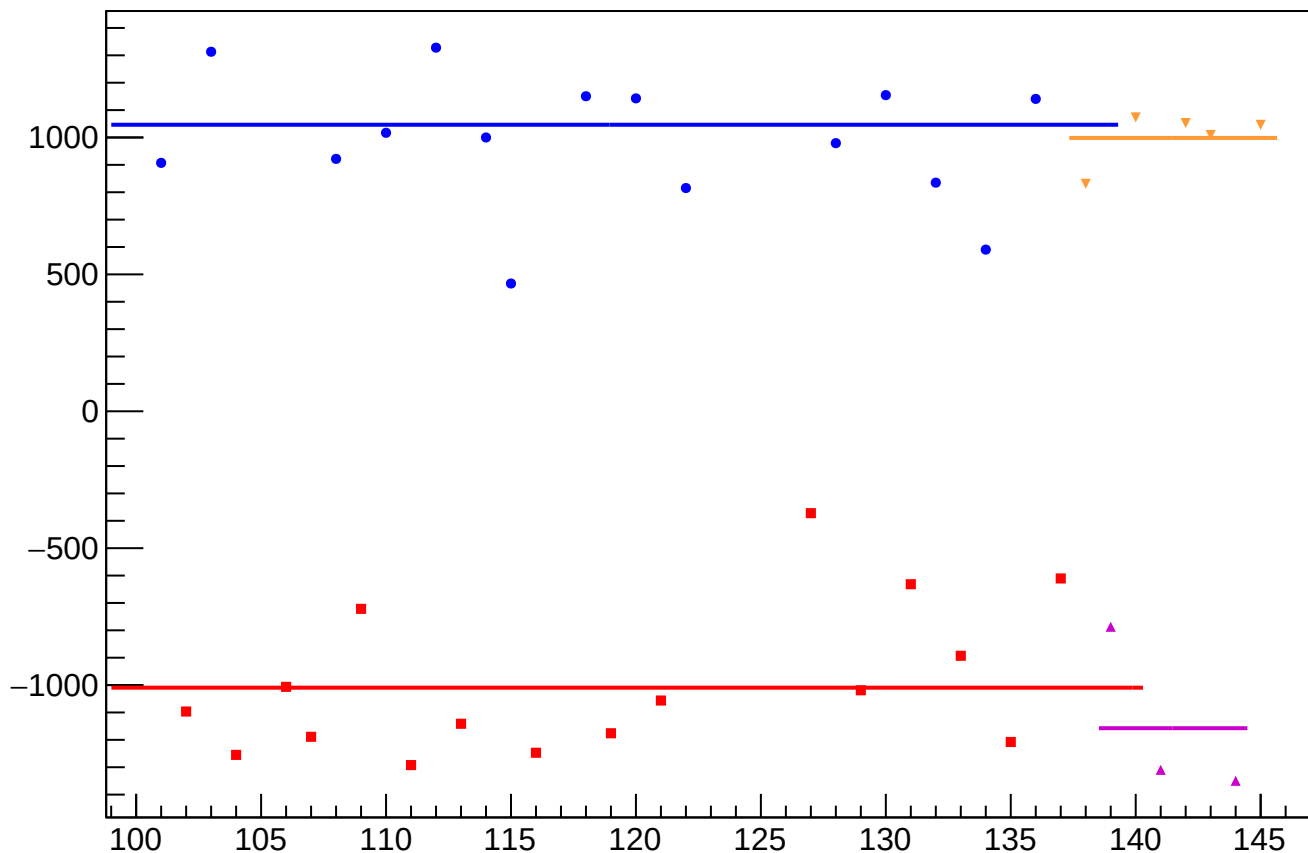
Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 4.971+/-0.000 χ^2/NDF : 3288853298715339495440214818553856.0/4
 Right Out: -2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: -6.068+/-0.000 χ^2/NDF : 1460819499912262471014535804223488.0/2
 All: 0.091+/-0.000 χ^2/NDF : 35628480302457

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



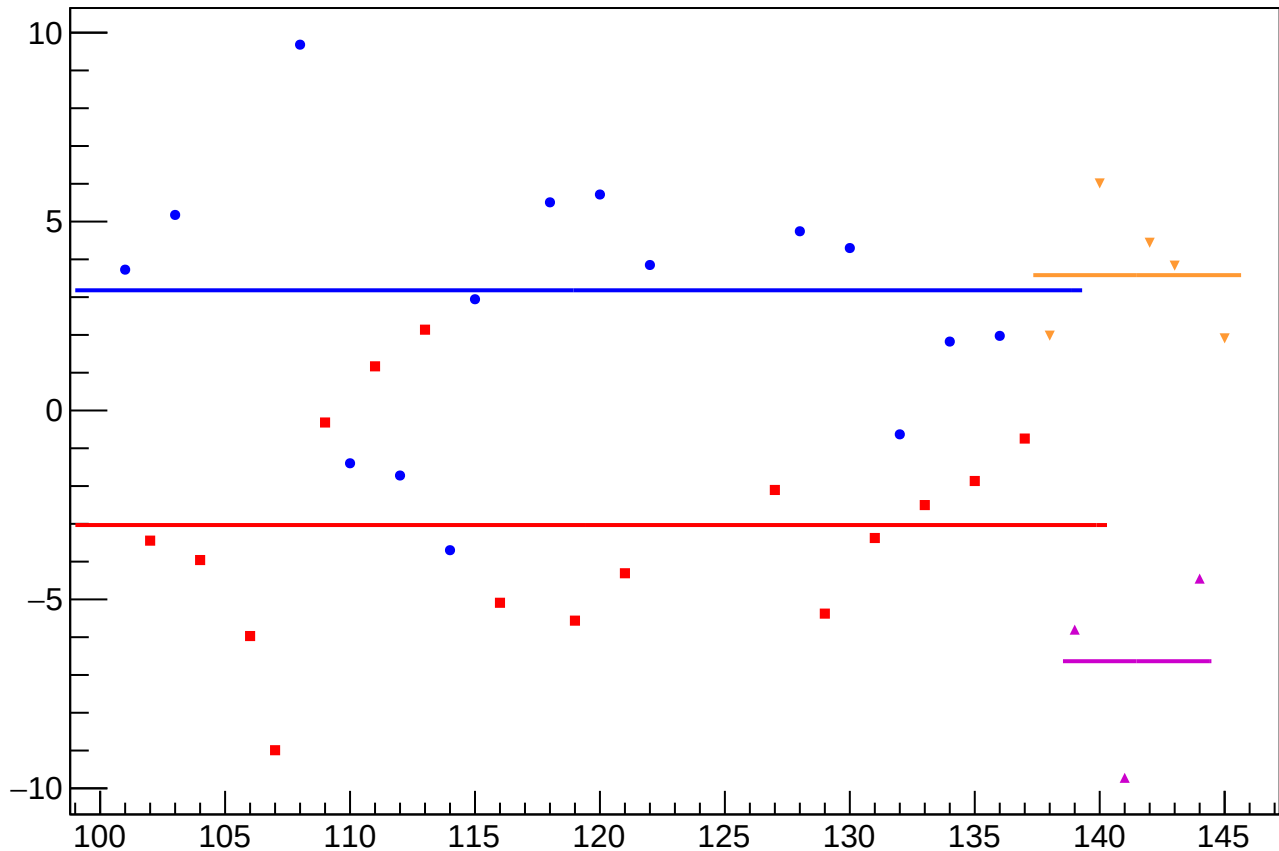
Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.847+/-0.000 χ^2/NDF : 40734762175419978502837316354048.0/4
 Right Out: -1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: -2.172+/-0.000 χ^2/NDF : 8552953876585570562001671815168.0/2
 All: 0.113+/-0.000 χ^2/NDF : 67635880754237

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



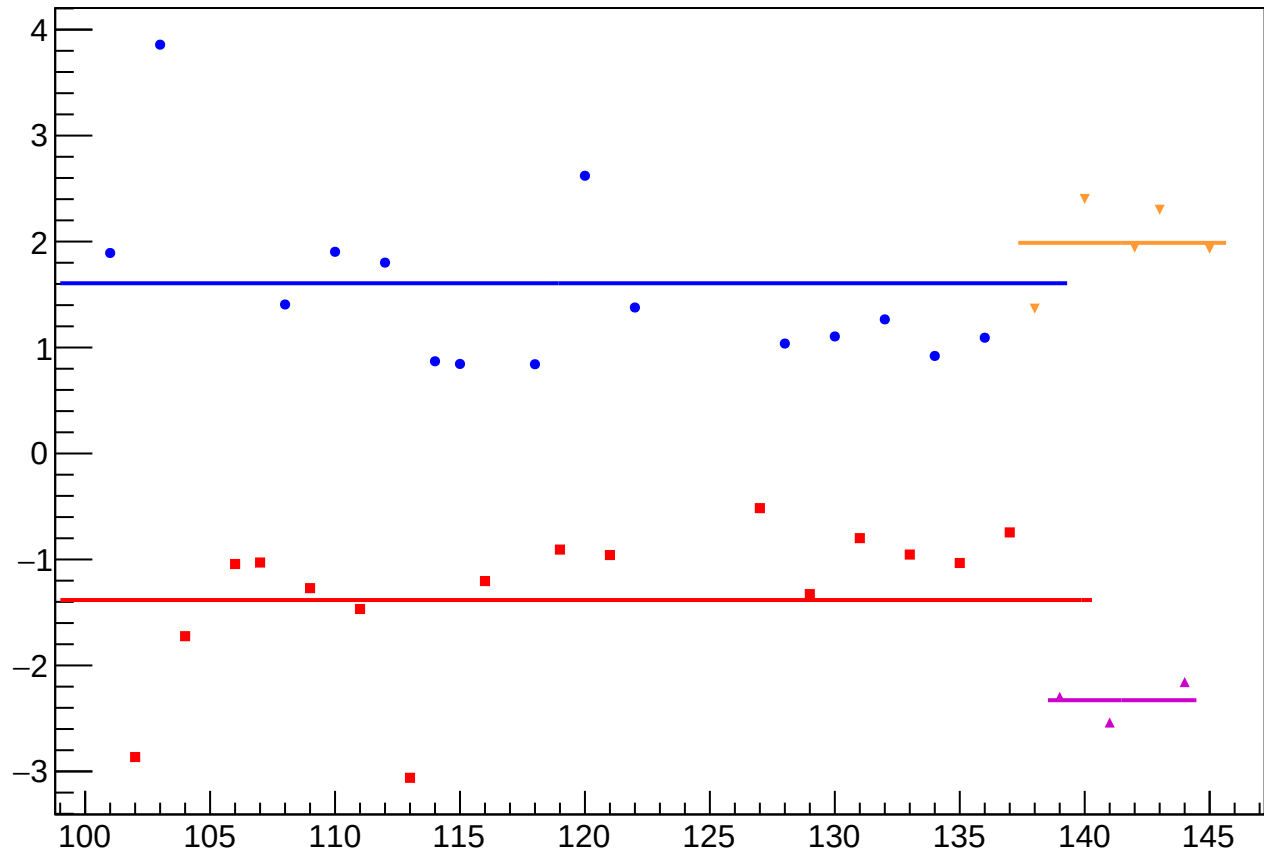
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.717 +/- 0.000 χ^2/NDF : 17651260279787781
 Right In: 3.181 +/- 0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14
 Right: 0.032 +/- 0.000 χ^2/NDF : 23467771565313990
 Left Out: 3.582 +/- 0.000 χ^2/NDF : 939518926616189359602129078059008.0/4
 In: 0.412 +/- 0.000 χ^2/NDF : 2476743410411609646
 Right Out: -3.032 +/- 0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15
 Out: -0.751 +/- 0.000 χ^2/NDF : 15936767034485653
 Left In: -6.636 +/- 0.000 χ^2/NDF : 129138533272653536055501022609408.0/2
 All: -0.204 +/- 0.000 χ^2/NDF : 4135223320754

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.607 $\pm$ 0.000

χ^2/NDF : 460949628640148184181205735833600.0/14

Left Out: 1.988 $\pm$ 0.000

χ^2/NDF : 51030351137838294575005927735296.0/4

Right Out: -1.383 $\pm$ 0.000

χ^2/NDF : 358348897016286200957650337792000.0/15

Left In: -2.328 $\pm$ 0.000

χ^2/NDF : 6461914311520642499750393806848.0/2

Left: 0.172 $\pm$ 0.000 χ^2/NDF : 28088463035580065

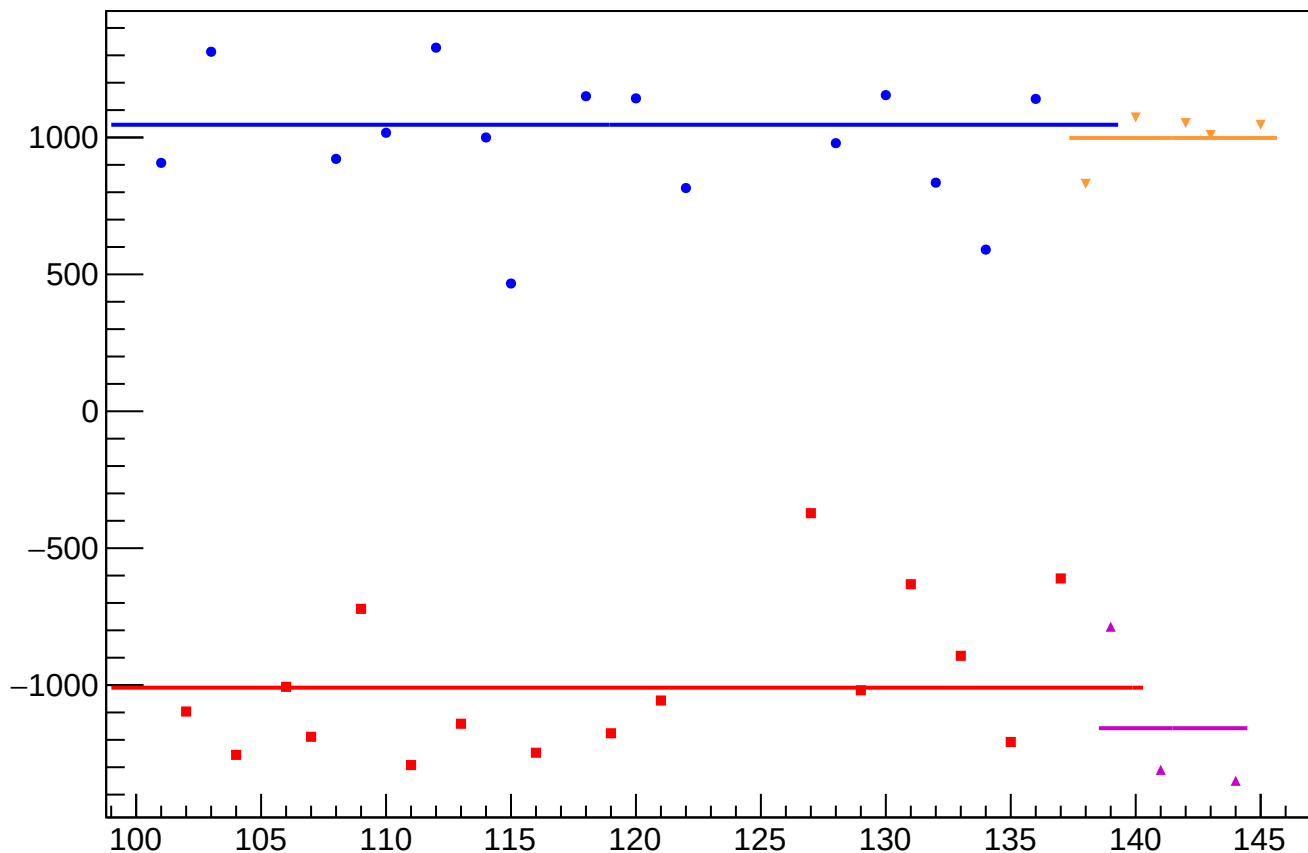
Right: 0.091 $\pm$ 0.000 χ^2/NDF : 37590279045296247

In: 0.497 $\pm$ 0.000 χ^2/NDF : 3301822909339419043

Out: -0.221 $\pm$ 0.000 χ^2/NDF : 30223323359343951

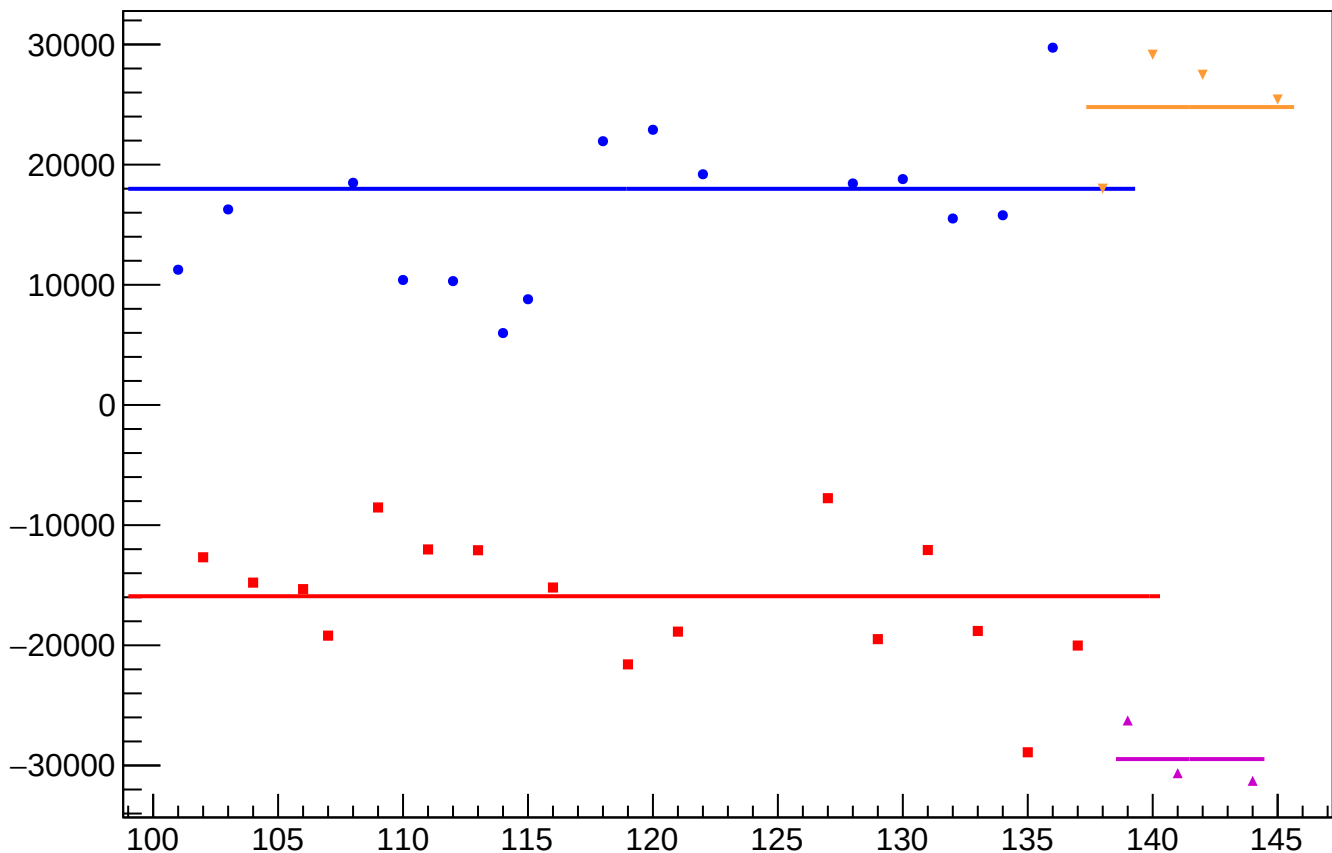
All: 0.117 $\pm$ 0.000 χ^2/NDF : 65705476704980

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 17988.185+/-0.000

χ^2/NDF : 24815111809984217103544001237552952508416.0/14

Left Out: 24791.980+/-0.000

χ^2/NDF : 5516469282787667439962179332648640446464.0/3

Right Out: -15915.227+/-0.000

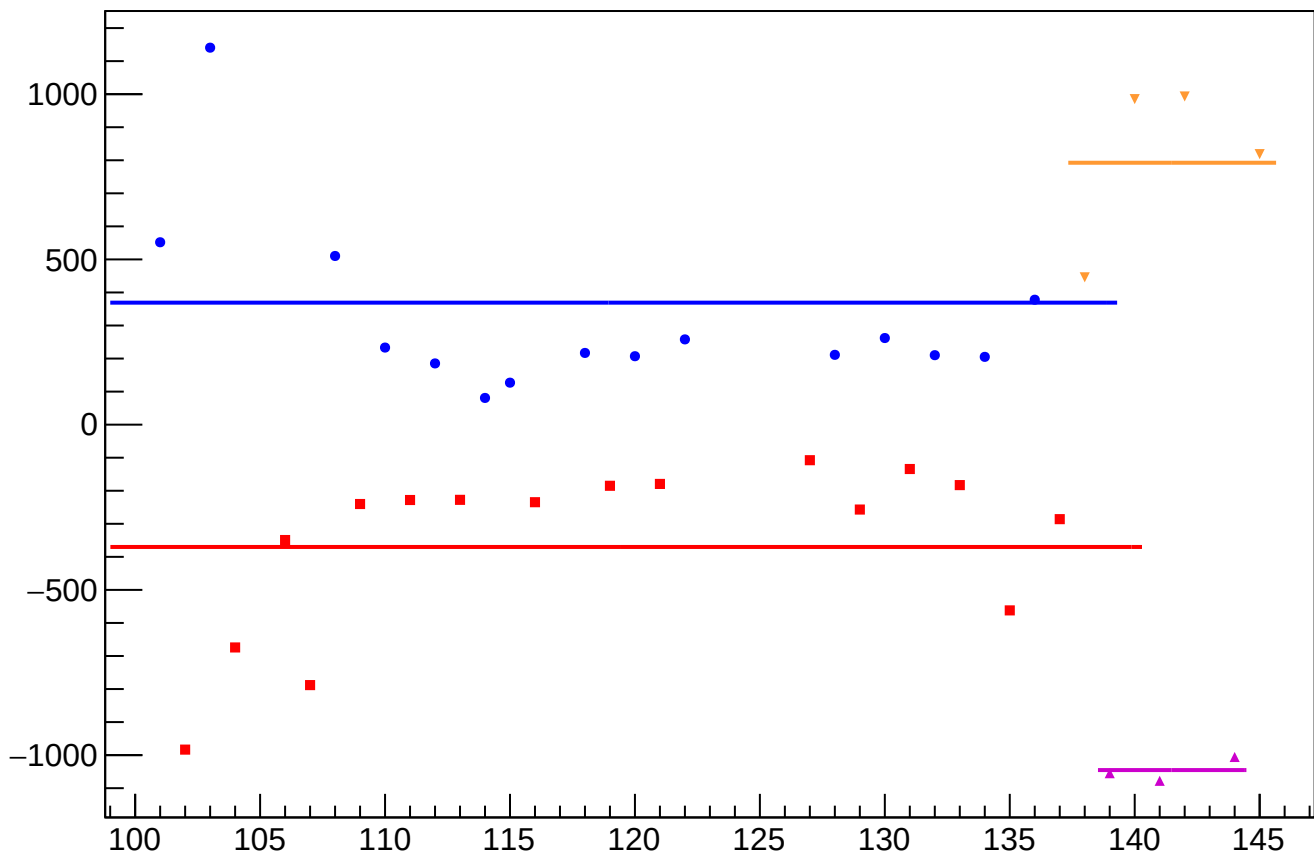
χ^2/NDF : 19954189674705952707042287416087223992320.0/15

Left In: -29467.381+/-0.000

χ^2/NDF : 1245023516567454816593882745054712299520.0/2

All: 315.696+/-0.000 χ^2/NDF : 826275039678

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 369.169 $\pm$ 0.000

χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 792.516 $\pm$ 0.000

χ^2/NDF : 14317755324403080115733699914794795008.0/3

Right Out: -370.091 $\pm$ 0.000

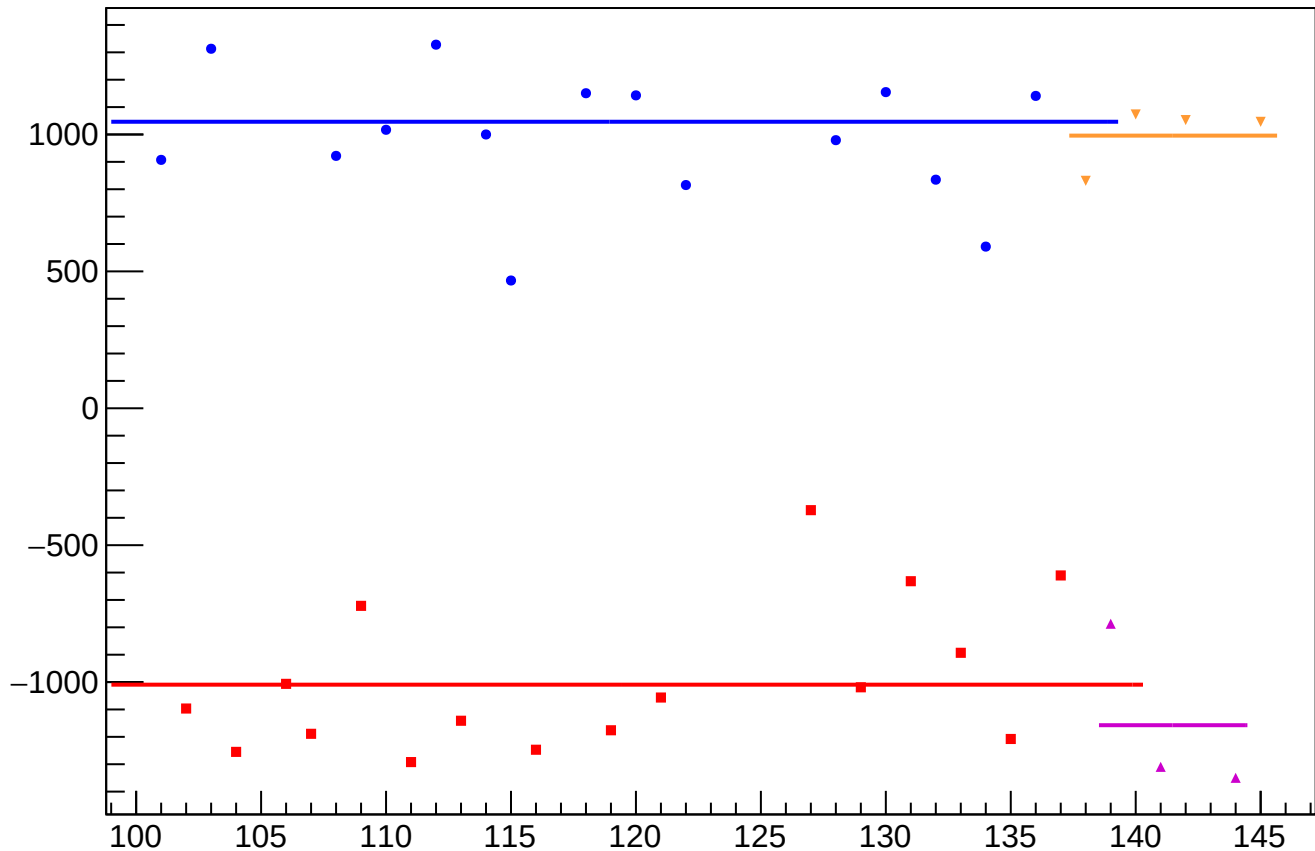
χ^2/NDF : 48214462907052107543037037125316902912.0/15

Left In: -1045.188 $\pm$ 0.000

χ^2/NDF : 236622559549139934902012002149859328.0/2

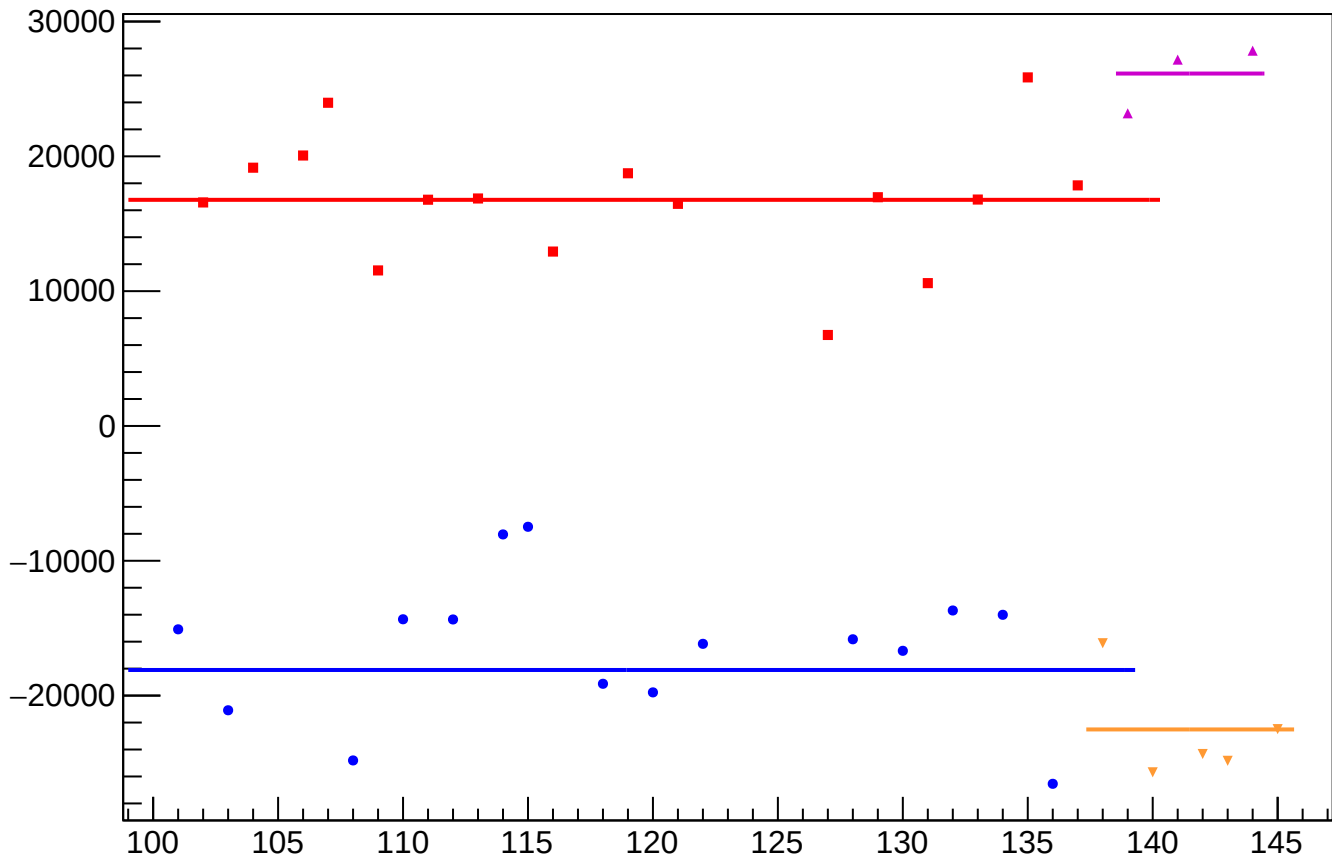
All: -26.258 $\pm$ 0.000 χ^2/NDF : 746291285122

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



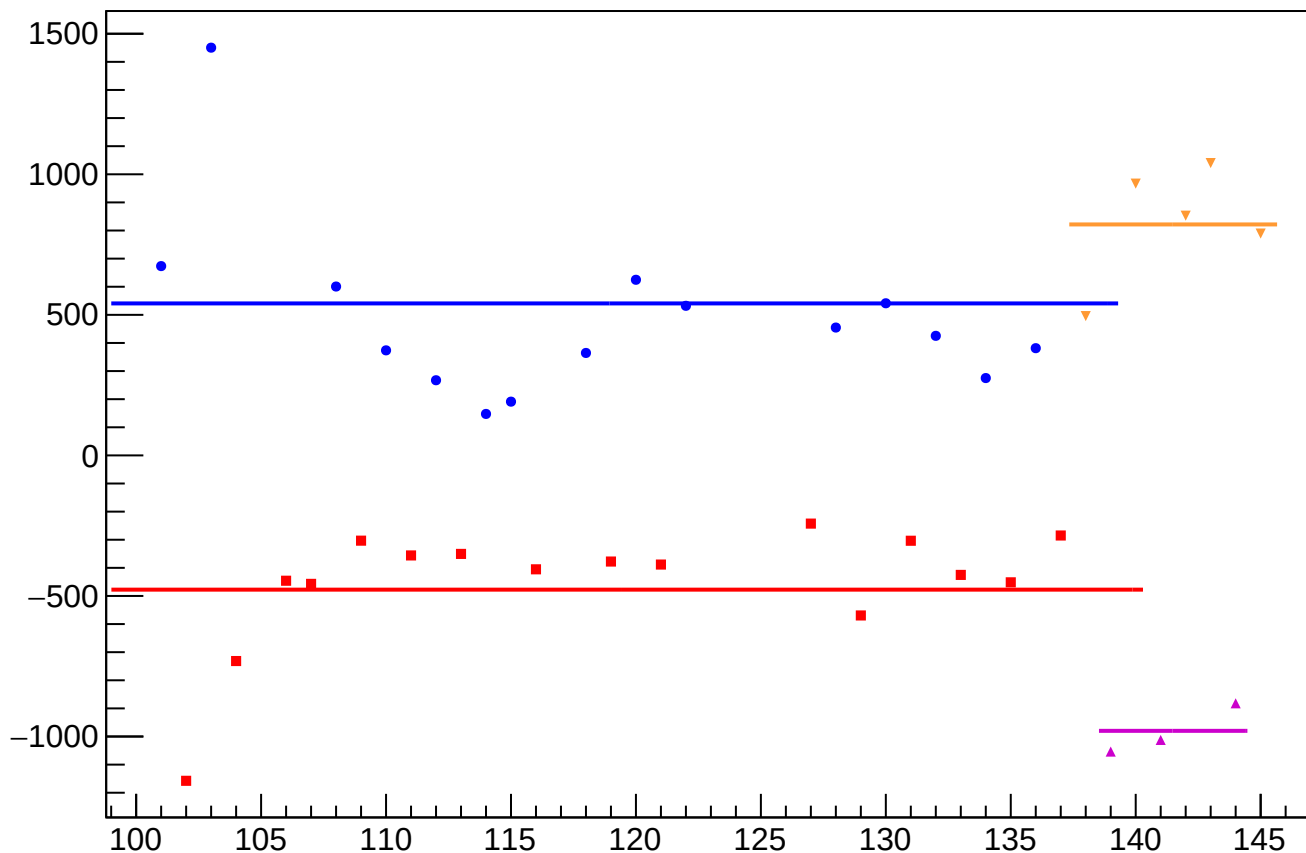
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 995.838+/-0.000 χ^2/NDF : 2961207635191860954045042971247640576.0/3
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: -3.487+/-0.000 χ^2/NDF : 2102468305000

dit_usr_coil1_mean vs Slug, Sign Corrected



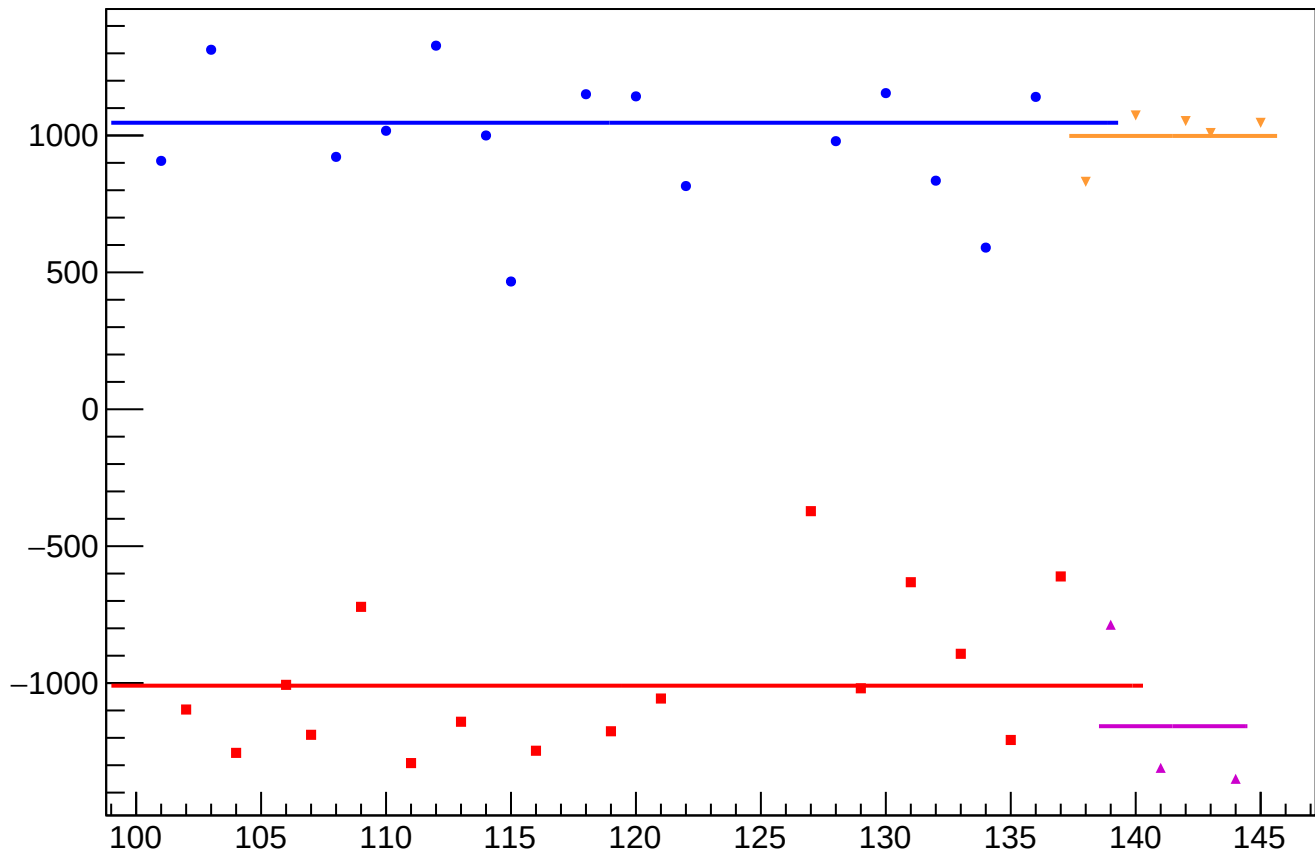
Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left In: 26141.042+/-0.000 χ^2/NDF : 1051321681750423467129889898603198021632.0/2
 Right Out: -22511.003+/-0.000 χ^2/NDF : 4534682273240817576305858417822330257408.0/4
 Left Out: -22511.003+/-0.000 χ^2/NDF : 4534682273240817576305858417822330257408.0/4
 All: -933.775+/-0.000 χ^2/NDF : 78519937523

dit_usr_coil1_err_mean vs Slug, Sign Corrected



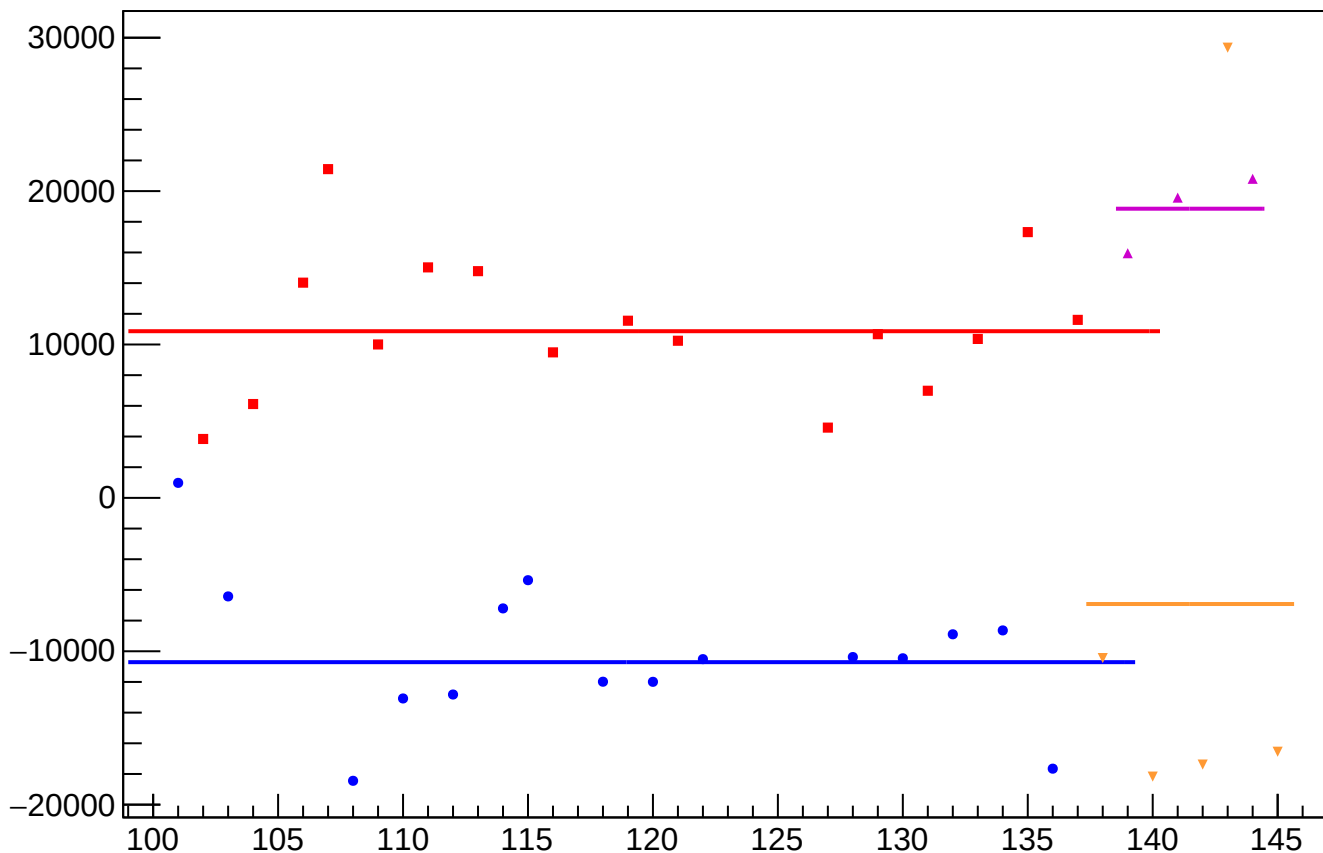
Right In: 540.663 $\pm$ 0.000 χ^2 /NDF: 64546819695986774721678785082975846400.0/14
 Left Out: 821.636 $\pm$ 0.000 χ^2 /NDF: 13343080346793766622627578816856326144.0/4
 Right Out: -477.546 $\pm$ 0.000 χ^2 /NDF: 38798306504296954461537116809760604160.0/15
 Left In: -979.840 $\pm$ 0.000 χ^2 /NDF: 1383477912944735309858754115015802880.0/2
 All: 36.890 $\pm$ 0.000 χ^2 /NDF: 9390564786910

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292+/-0.000

χ^2/NDF : 16945226152053511840482618402250170564608.0/14

Left Out: -6919.755+/-0.000

χ^2/NDF : 111769274928926774415249946585289937911808.0/4

Right Out: 10866.264+/-0.000

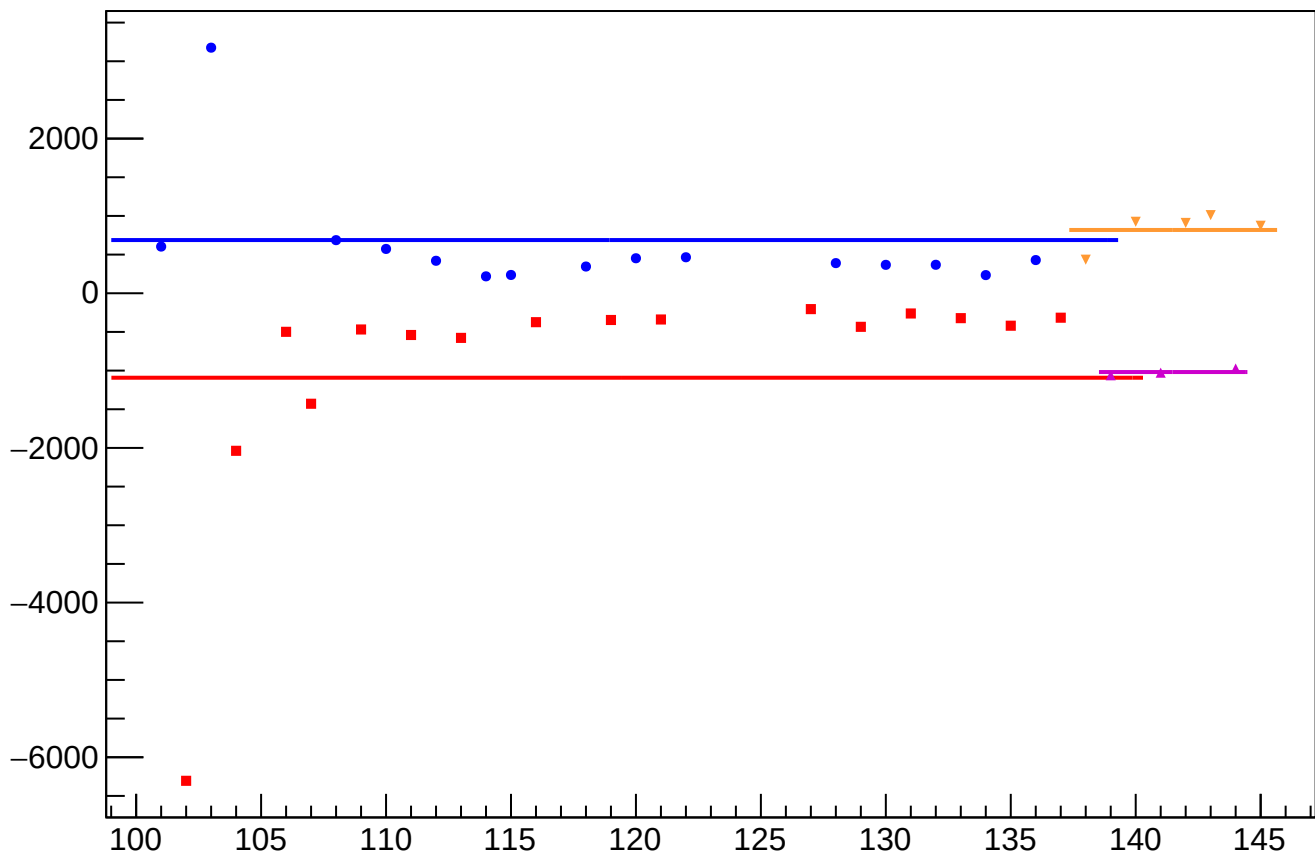
χ^2/NDF : 14234762838858382484525901644131626647552.0/15

Left In: 18852.739+/-0.000

χ^2/NDF : 1065132879651684570838491681269619884032.0/2

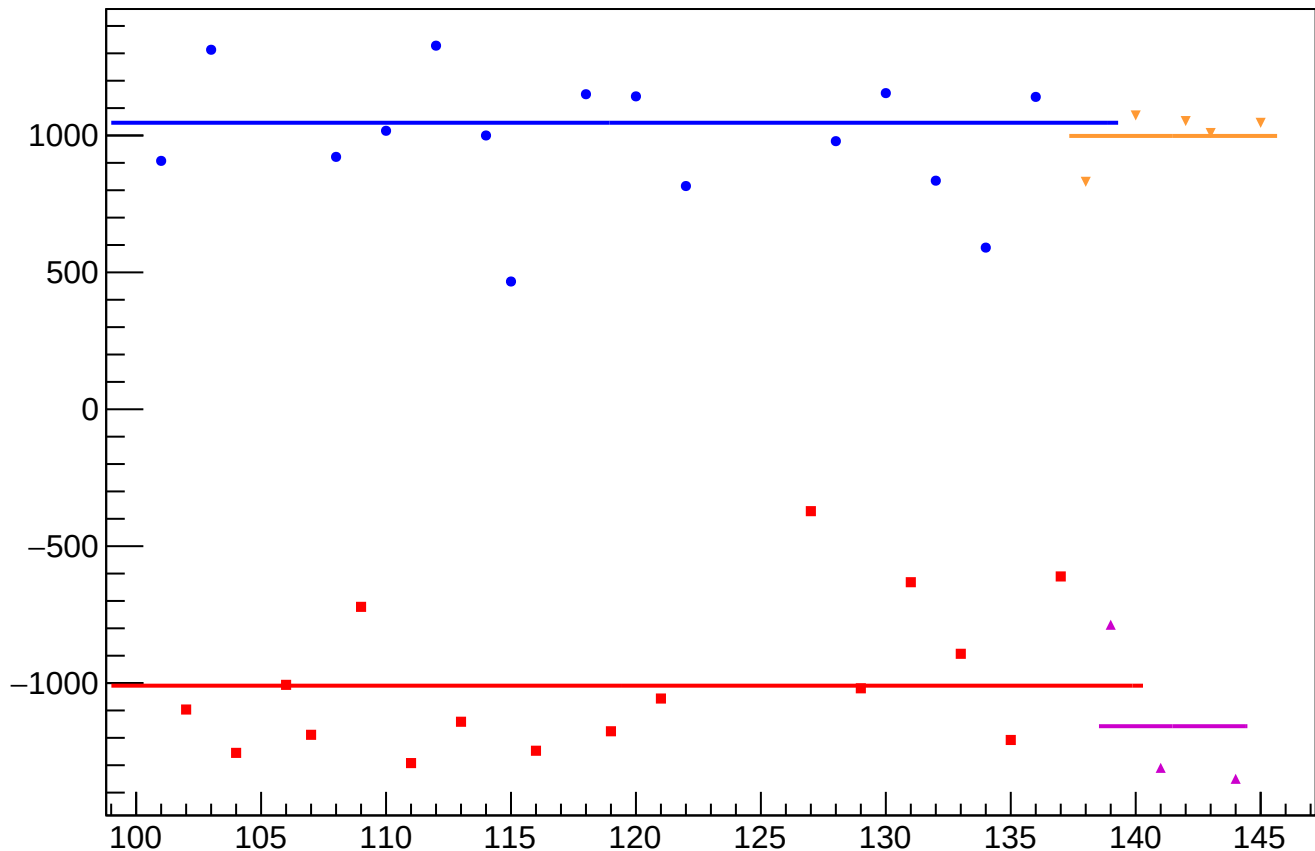
All: 1392.005+/-0.000 χ^2/NDF : 40093420167

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



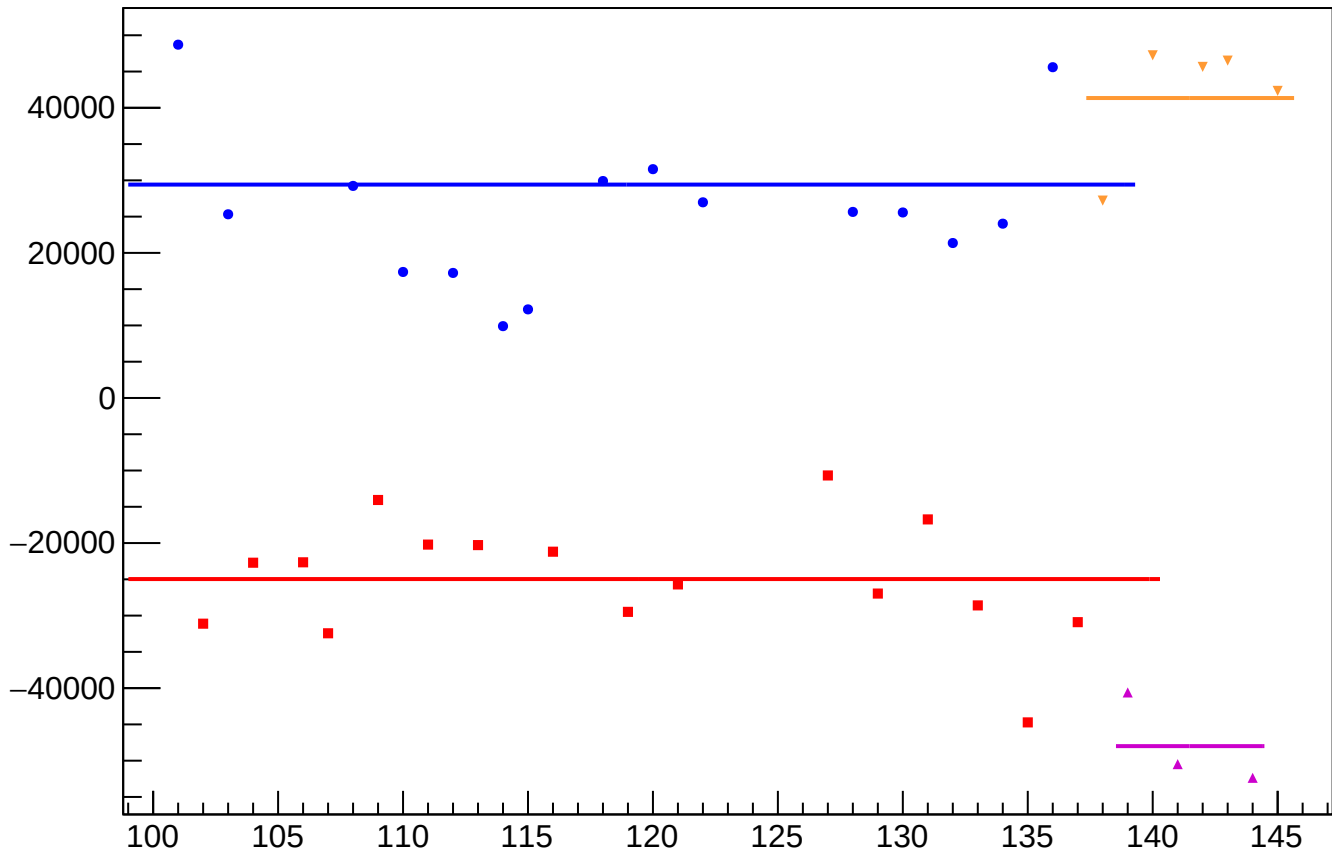
Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 818.400+/-0.000 χ^2/NDF : 15517182075712211152940534147196125184.0/4
 Right Out: -1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: -1018.786+/-0.000 χ^2/NDF : 334822537759698136181227612115304448.0/2
 All: -132.466+/-0.000 χ^2/NDF : 38772894299

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 29415.830+/-0.000

χ^2/NDF : 71764989638928082906774979753894809174016.0/14

Left Out: 41348.022+/-0.000

χ^2/NDF : 21143255130488361562290870789624937054208.0/4

Right Out: -24963.010+/-0.000

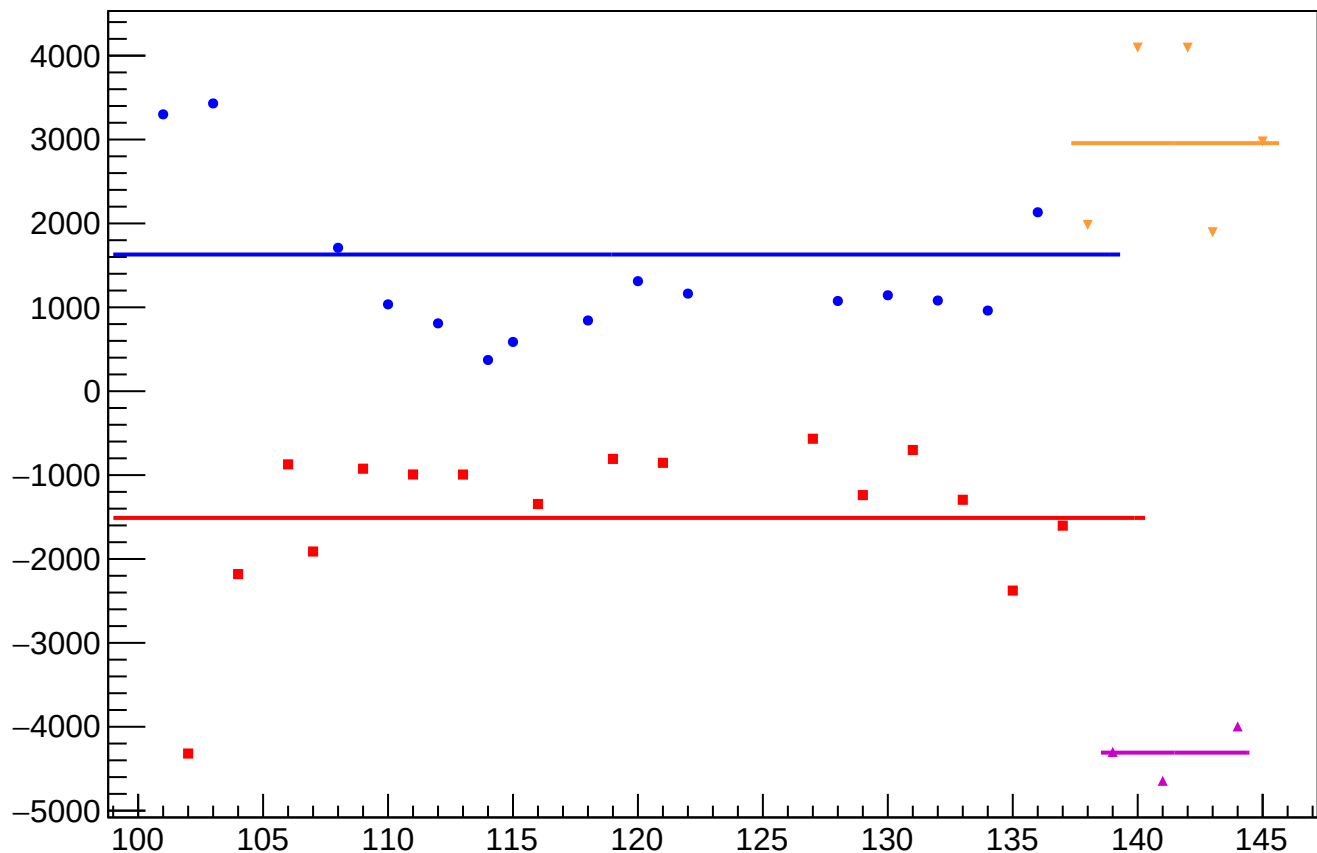
χ^2/NDF : 45631572920122171972835961685494315614208.0/15

Left In: -47994.318+/-0.000

χ^2/NDF : 6655834418531099913147687935756289966080.0/2

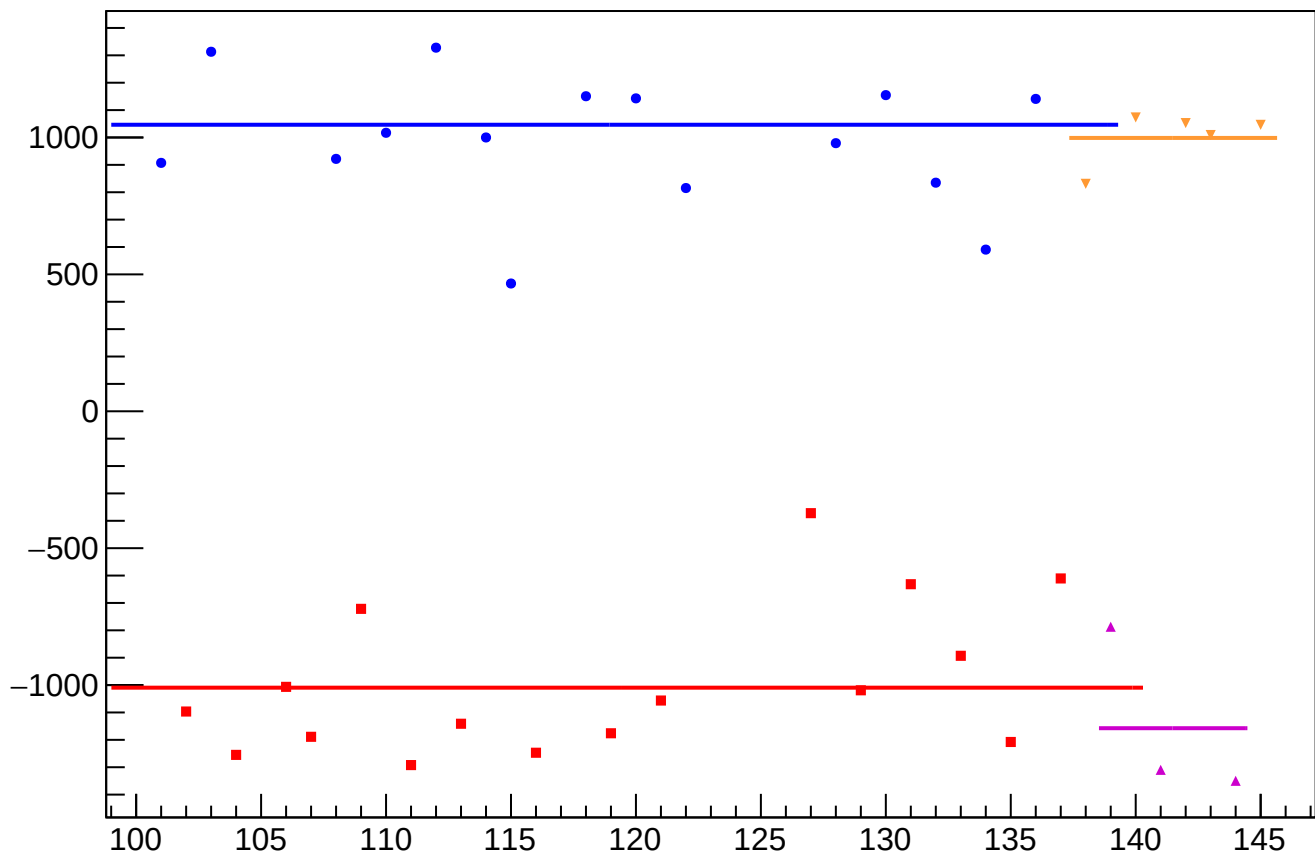
All: 2453.252+/-0.000 χ^2/NDF : 22983155704

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



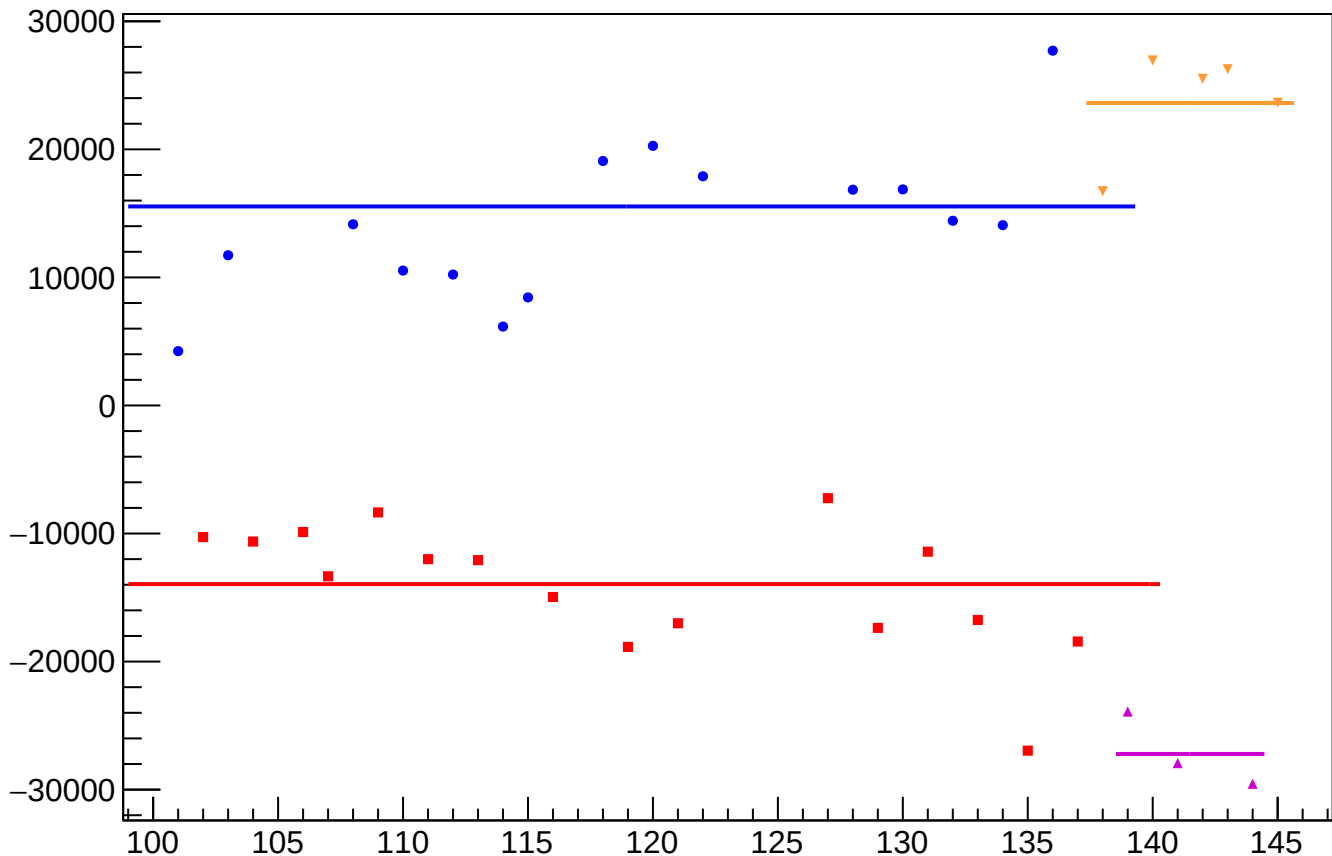
Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14
 Left Out: 2956.790 $\pm$ 0.000 χ^2 /NDF: 315705908905995469287610149894086459392.0/4
 Right Out: -1510.293 $\pm$ 0.000 χ^2 /NDF: 688231904046816211321774524619745656832.0/15
 Left In: -4308.350 $\pm$ 0.000 χ^2 /NDF: 18286644433002916143078323918047543296.0/2
 All: -5.509 $\pm$ 0.000 χ^2 /NDF: 1262061442122

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787+/-0.000

χ^2/NDF : 27383635886523601832377795383509714468864.0/14

Left Out: 23620.734+/-0.000

χ^2/NDF : 5239238062829790256272904095692052496384.0/4

Right Out: -13951.799+/-0.000

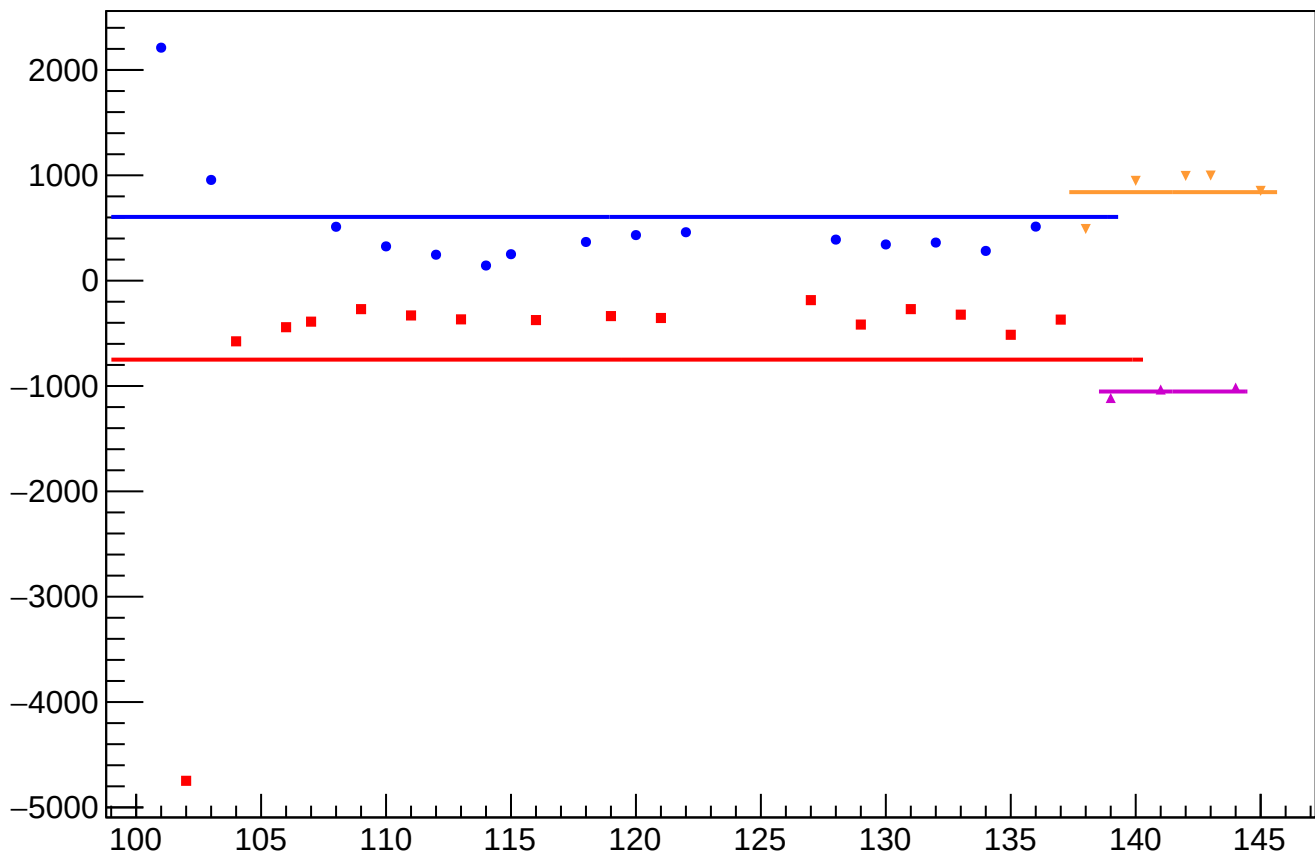
χ^2/NDF : 16954071035739584664612813430748100952064.0/15

Left In: -27214.548+/-0.000

χ^2/NDF : 1415581609744082944937911521834040295424.0/2

All: 1108.891+/-0.000 χ^2/NDF : 71990411041

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 605.034+/-0.000

χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 840.299+/-0.000

χ^2/NDF : 13250297986346739744133840898097152000.0/4

Right Out: -749.582+/-0.000

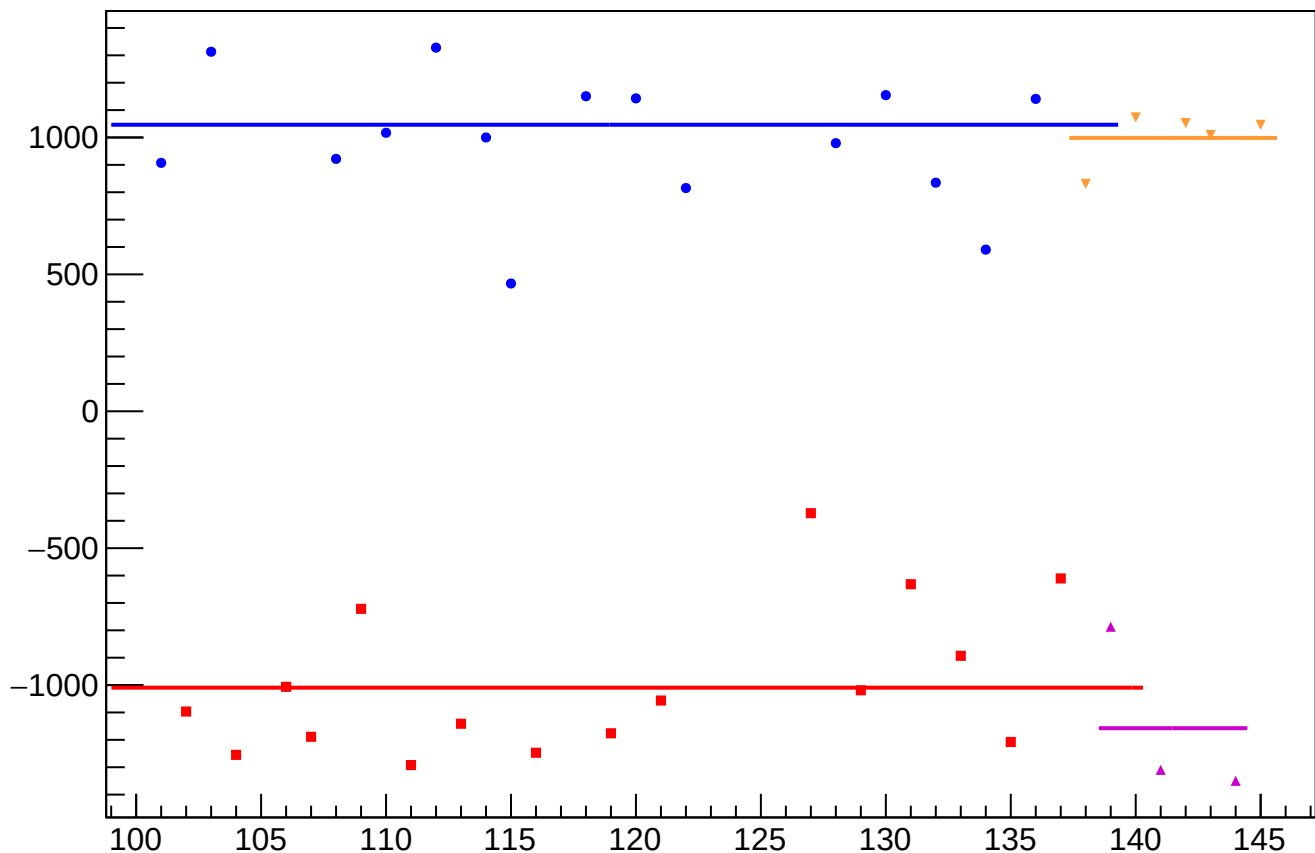
χ^2/NDF : 1021358768377495935693748779804344188928.0/15

Left In: -1052.268+/-0.000

χ^2/NDF : 463732471152790855193091093129330688.0/2

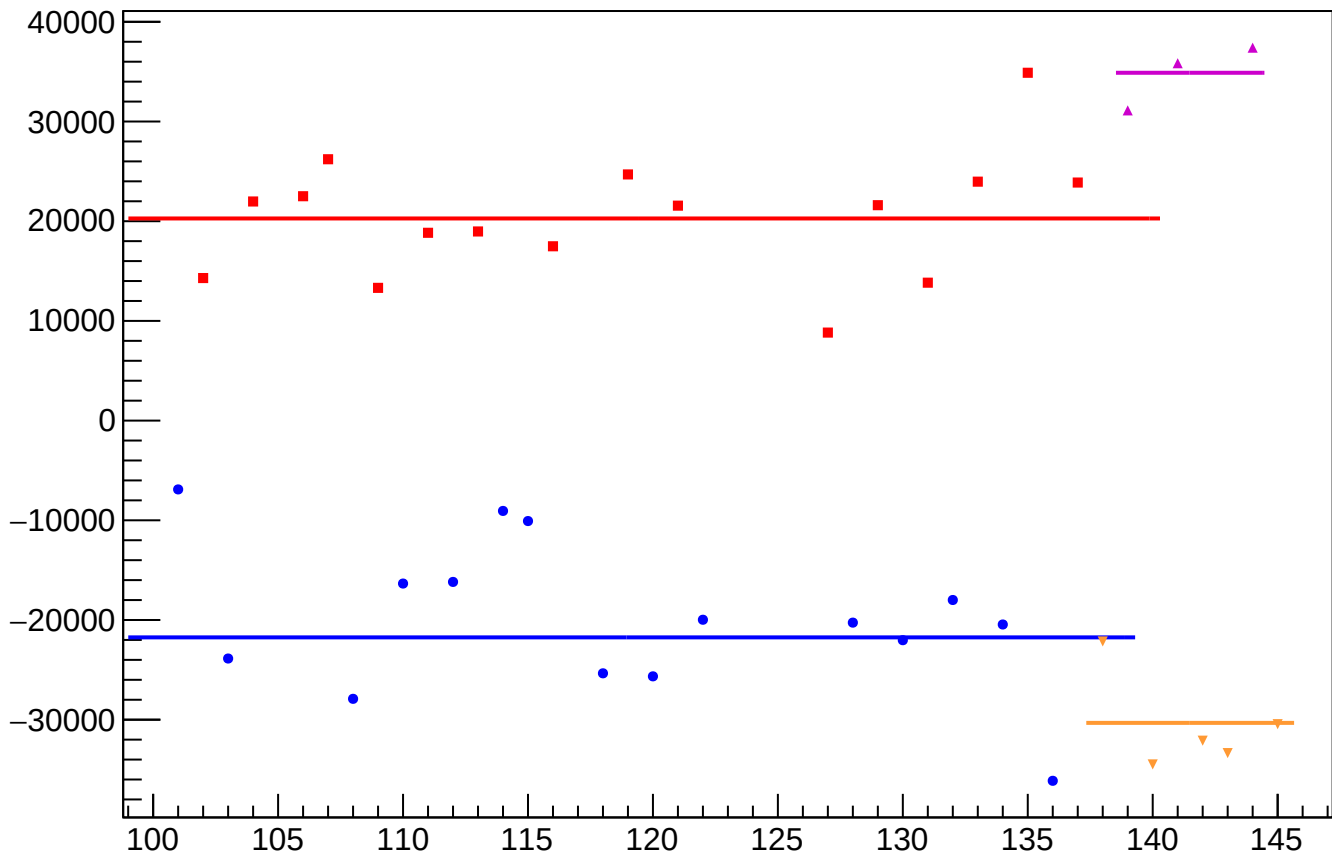
All: -41.981+/-0.000 χ^2/NDF : 236362879663

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: -21743.360+/-0.000

Left Out: -30319.475+/-0.000

Right Out: 20275.415+/-0.000

Left In: 34888.940+/-0.000

χ^2/NDF : 41106858823579527325198675675398793068544.0/14

χ^2/NDF : 7390445341495636017794423865293961953280.0/4

χ^2/NDF : 25935869132092920231681532417627320745984.0/15

χ^2/NDF : 1794297976607311441640009436121891078144.0/2

Left: -2880.291+/-0.000 χ^2/NDF : 63721701670356

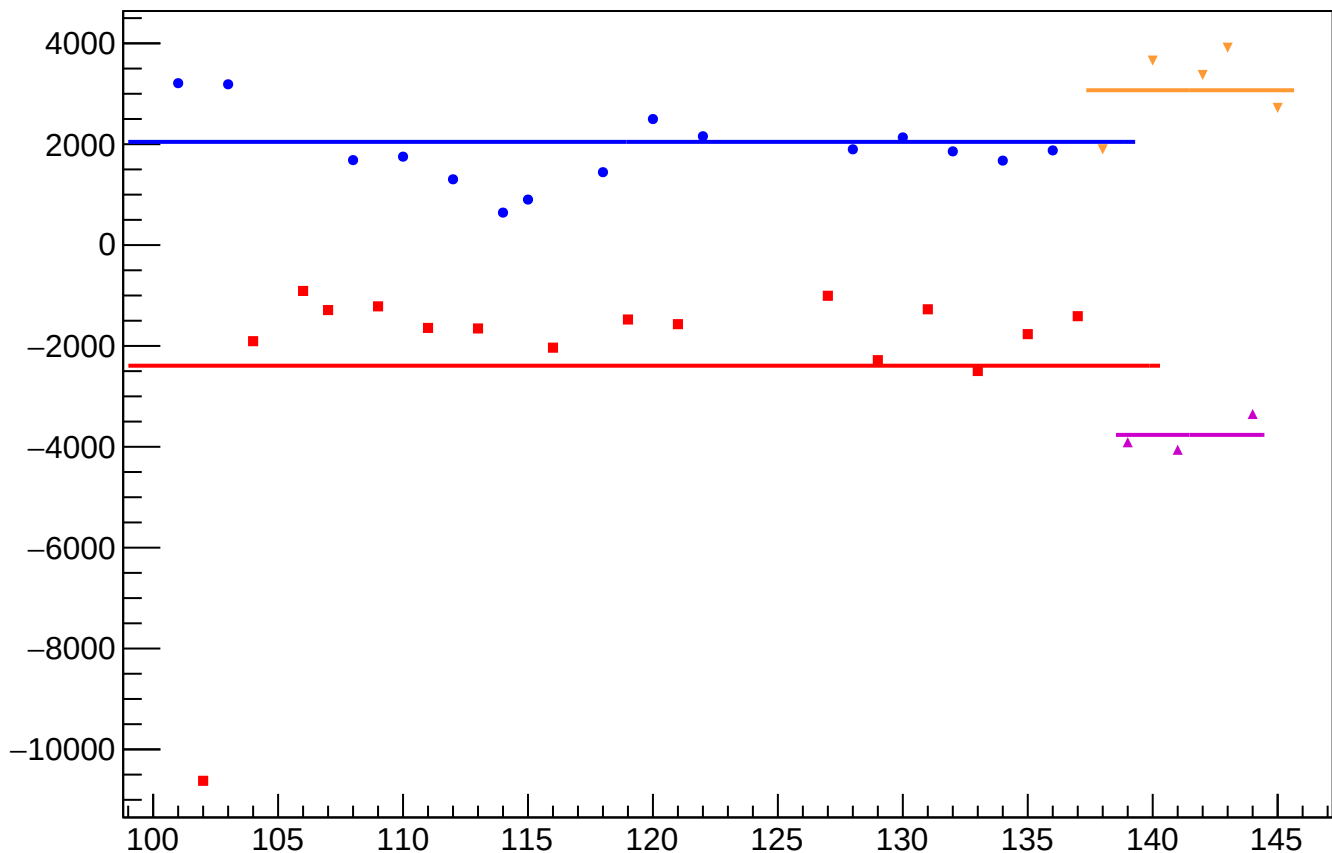
Right: -446.610+/-0.000 χ^2/NDF : 64780902874572

In: -5768.541+/-0.000 χ^2/NDF : 630045442367861

Out: 2830.615+/-0.000 χ^2/NDF : 622032350897556

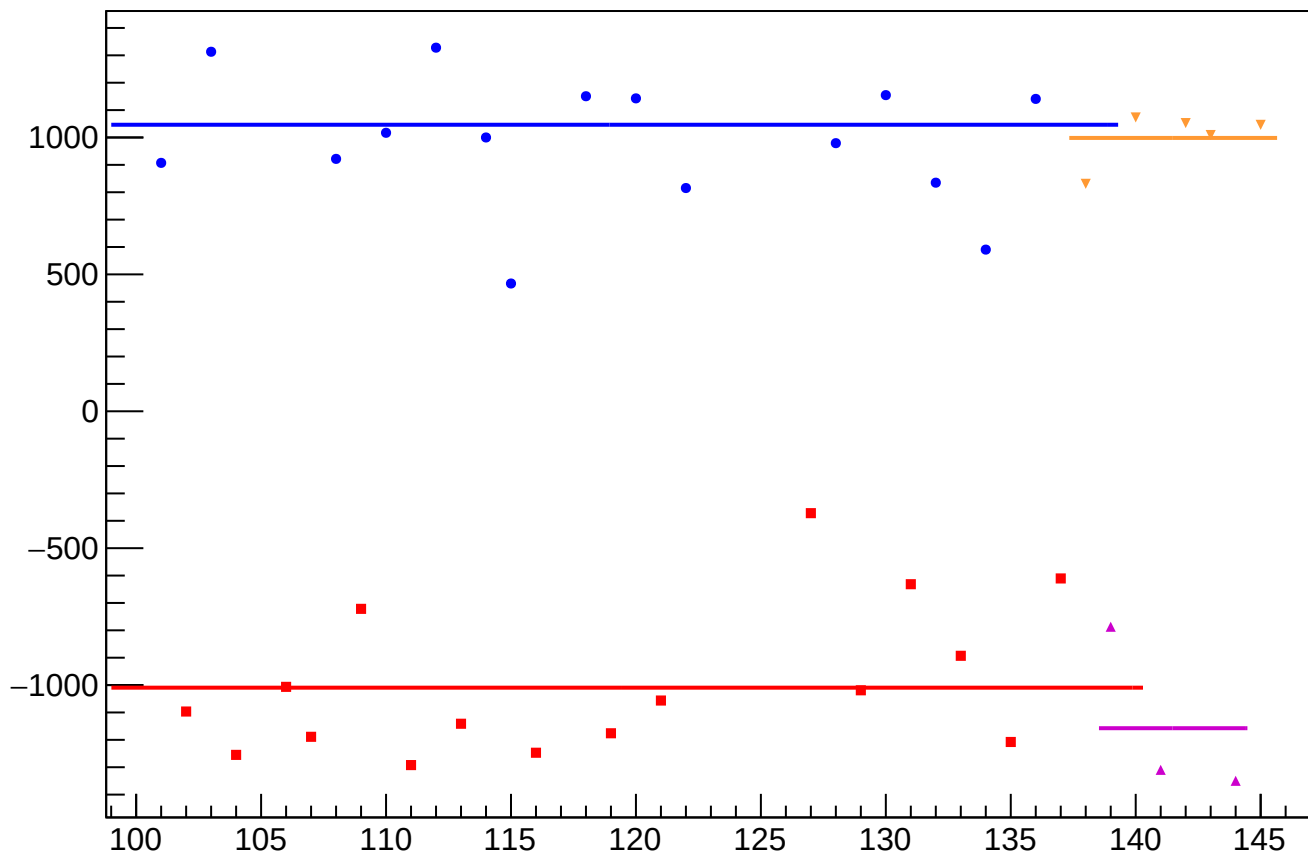
All: -1213.941+/-0.000 χ^2/NDF : 1287483595

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



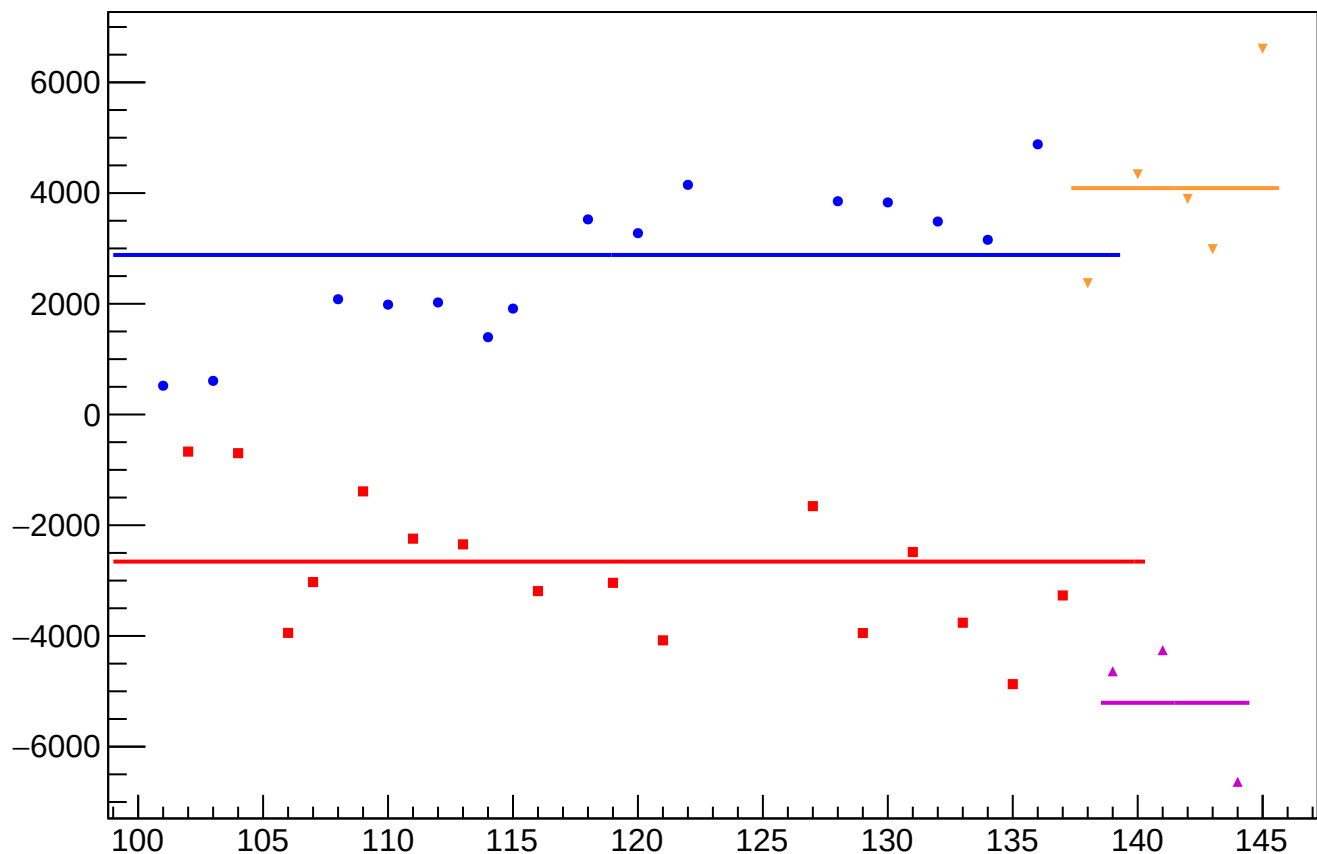
Right In: 2046.354+/-0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 3069.776+/-0.000 χ^2/NDF : 196953420870556382610169574138576896000.0/4
 Right Out: -2391.939+/-0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: -3763.798+/-0.000 χ^2/NDF : 24420132551139369094874038093473644544.0/2
 All: -77.844+/-0.000 χ^2/NDF : 183454936845

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



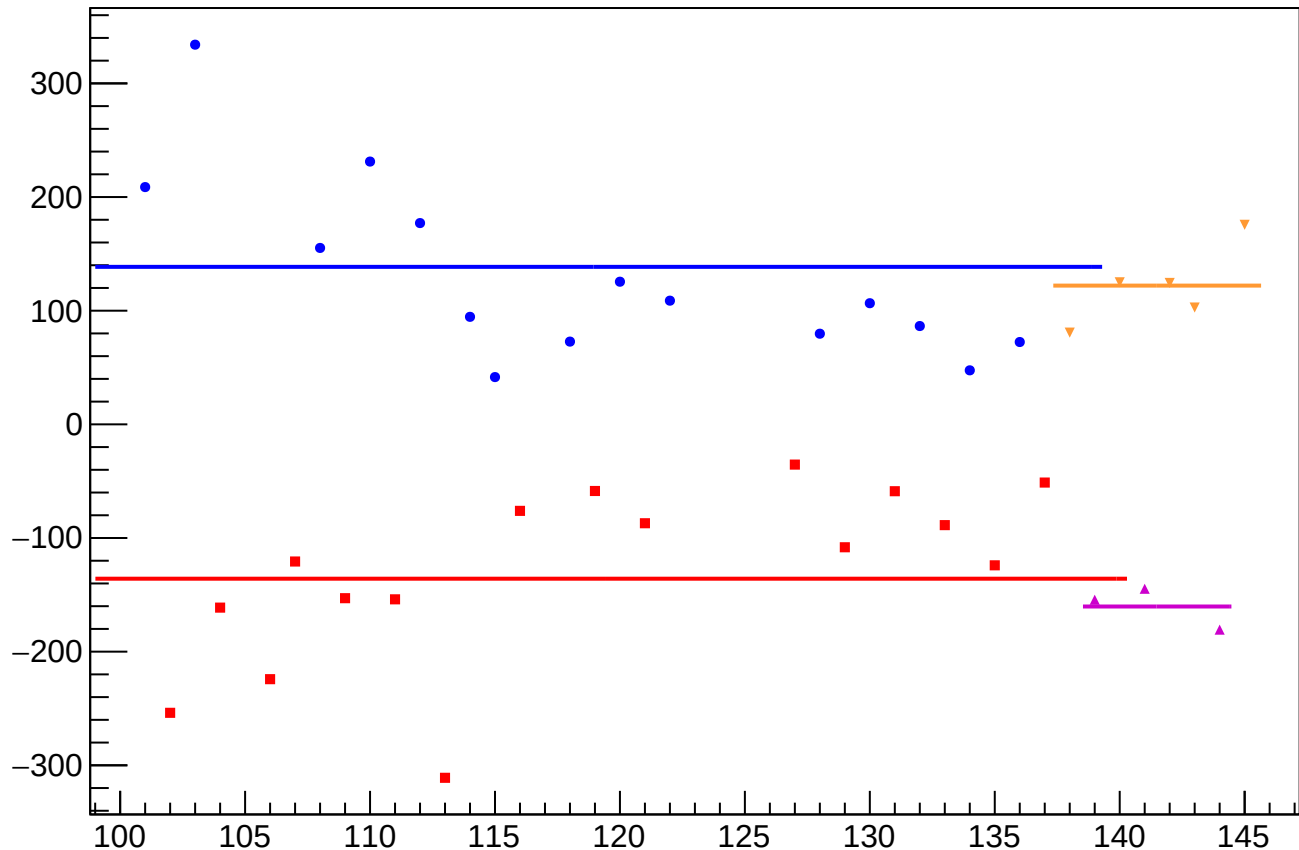
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 4089.575+/-0.000 χ^2/NDF : 813404467250384573504127198739285671936.0/4
 Right Out: -2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: -5207.548+/-0.000 χ^2/NDF : 284508731308415021027950402278409633792.0/2
 All: 107.038+/-0.000 χ^2/NDF : 263582806689

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 138.577+/-0.000

χ^2/NDF : 4242369889979811373883774021335515136.0/14

Left Out: 122.079+/-0.000

χ^2/NDF : 382630686132923320960799314817318912.0/4

Right Out: -135.809+/-0.000

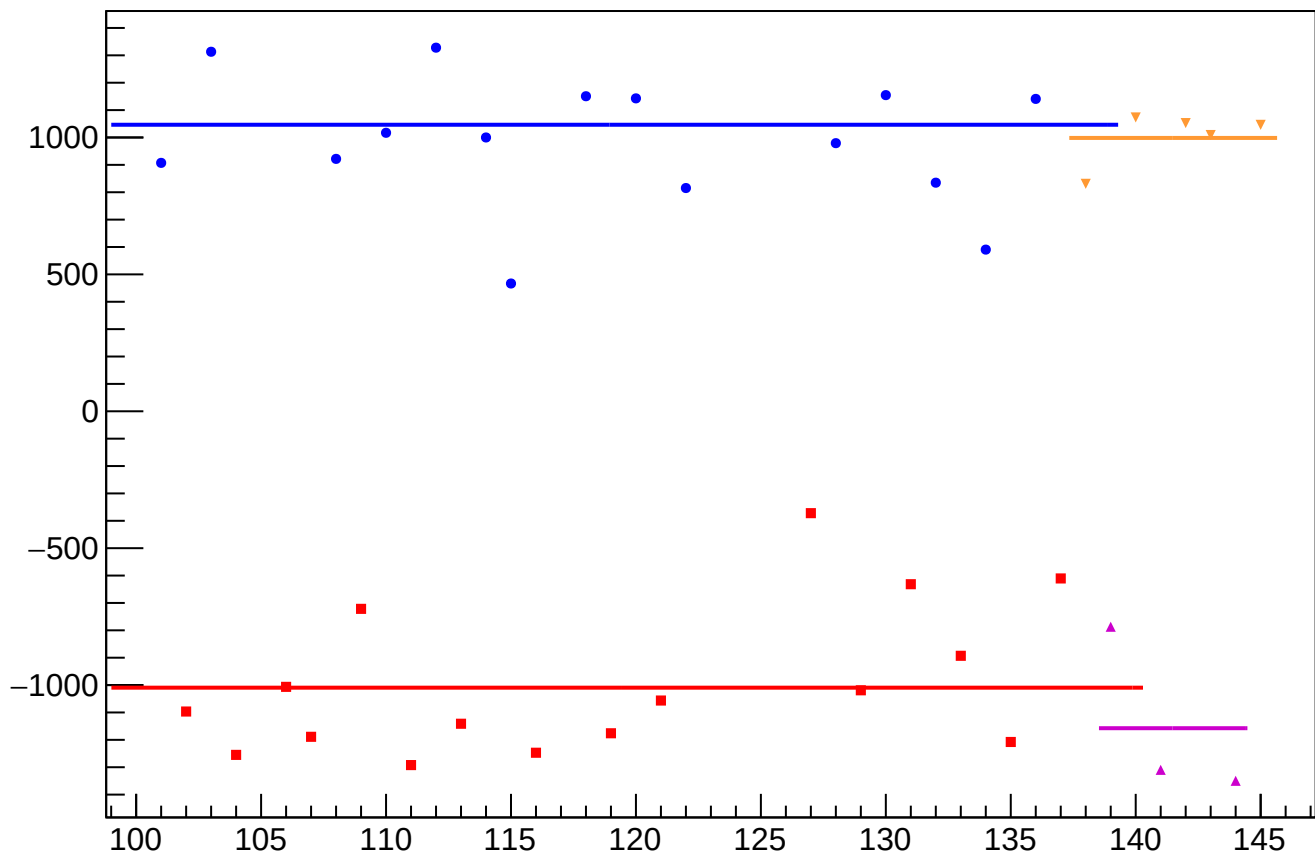
χ^2/NDF : 3956401741862524263243160868173643776.0/15

Left In: -160.275+/-0.000

χ^2/NDF : 60519858904075706054355535437758464.0/2

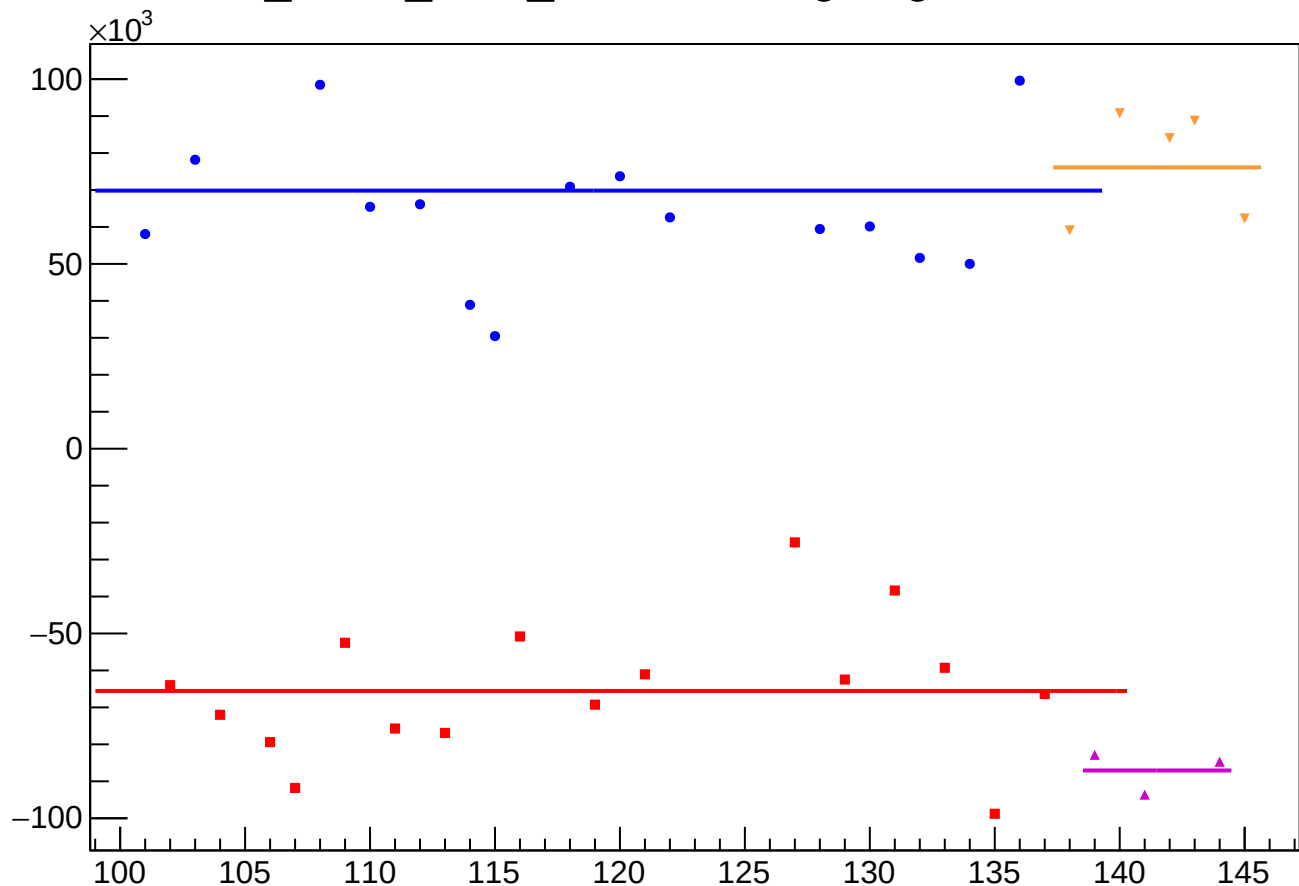
All: 0.693+/-0.000 χ^2/NDF : 45187783795442

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 69827.797+/-0.000

χ^2/NDF : 187803282116493131197684060541288926150656.0/14

Left Out: 76127.870+/-0.000

χ^2/NDF : 68709007664233447058509124338755458564096.0/4

Right Out: -65555.147+/-0.000

χ^2/NDF : 212001467811386750910625783195999741673472.0/15

Left In: -87069.413+/-0.000

χ^2/NDF : 5587486066089386984440336610668761317376.0/2

Left: 7455.746+/-0.000 χ^2/NDF : 400799001077499

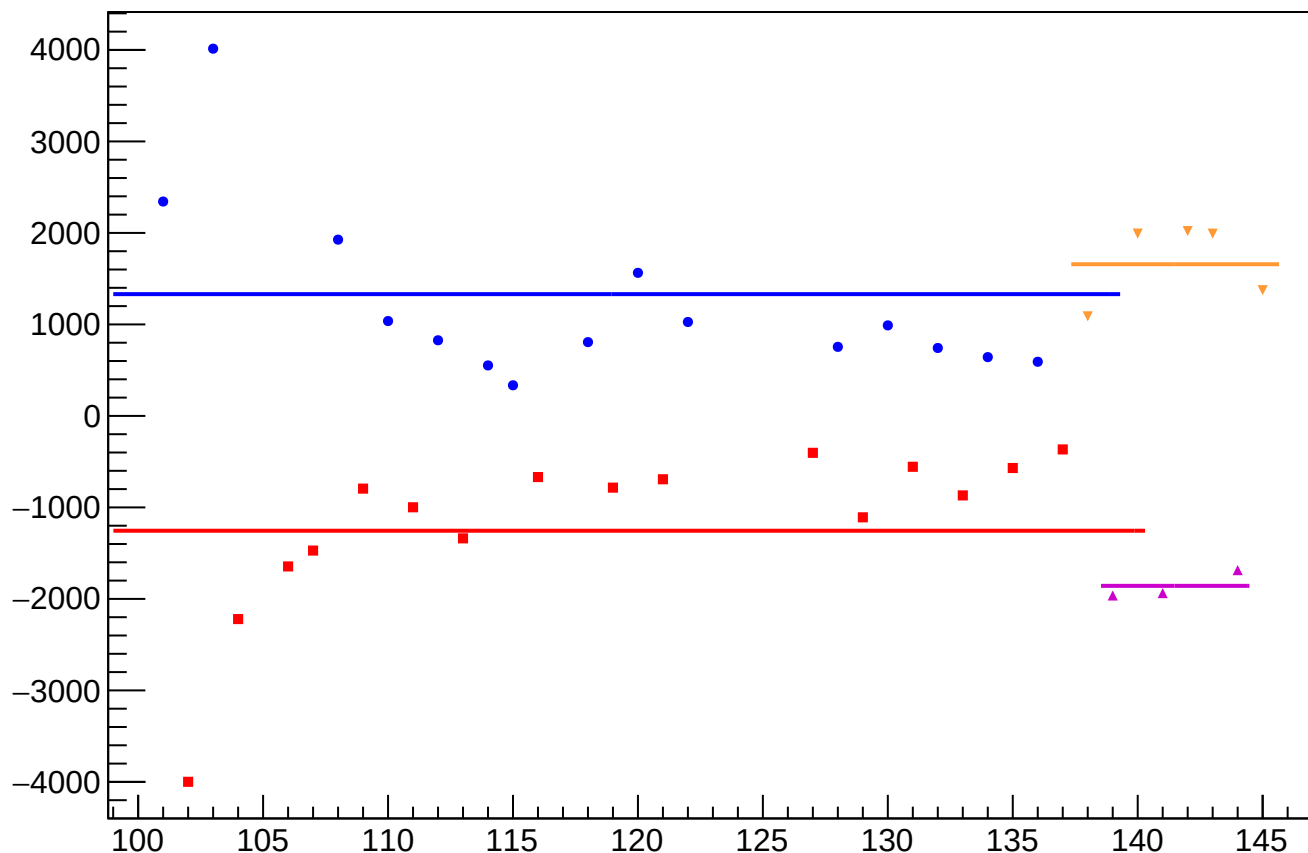
Right: 1210.454+/-0.000 χ^2/NDF : 64287668357099

In: 25570.288+/-0.000 χ^2/NDF : 469996872540938

Out: -16703.734+/-0.000 χ^2/NDF : 4897294744794

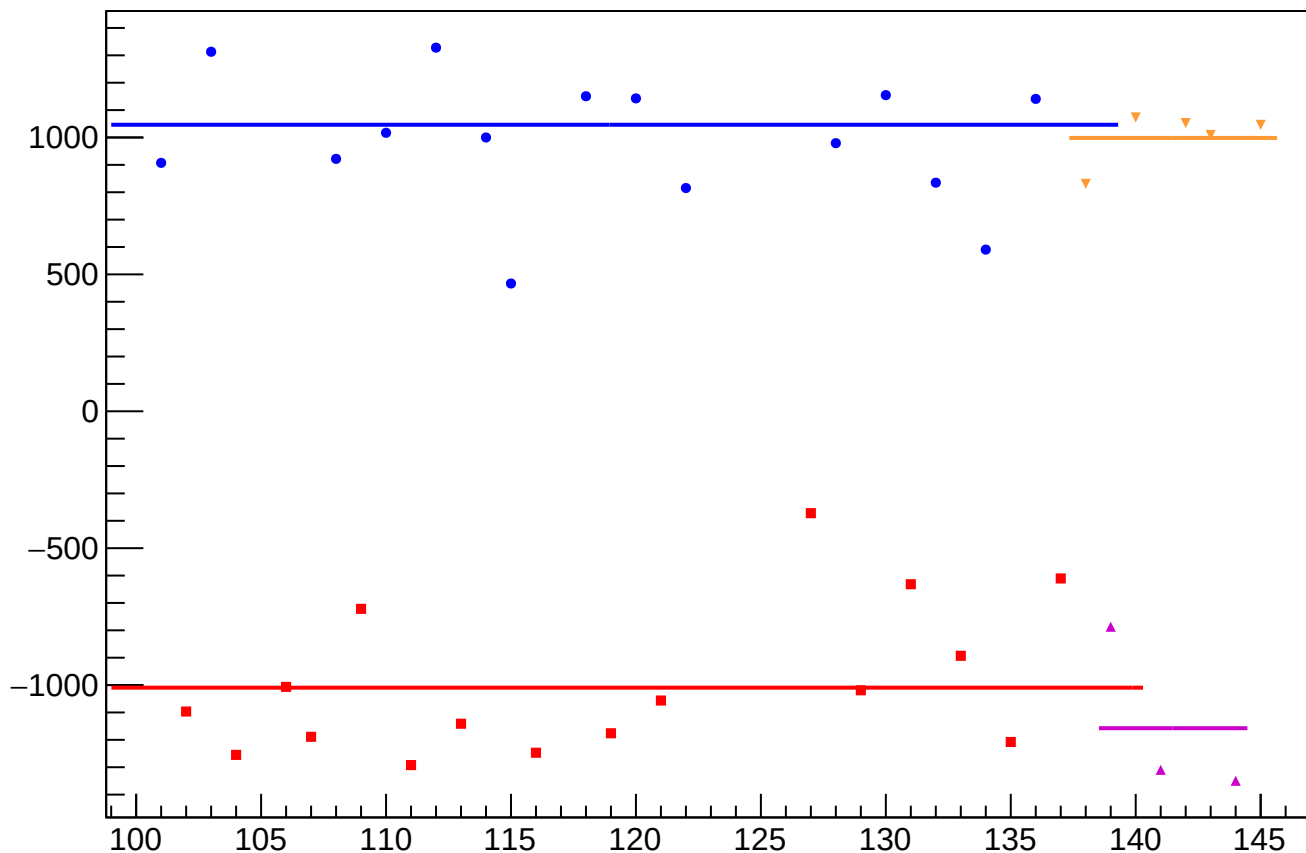
All: 3179.573+/-0.000 χ^2/NDF : 10452940653

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



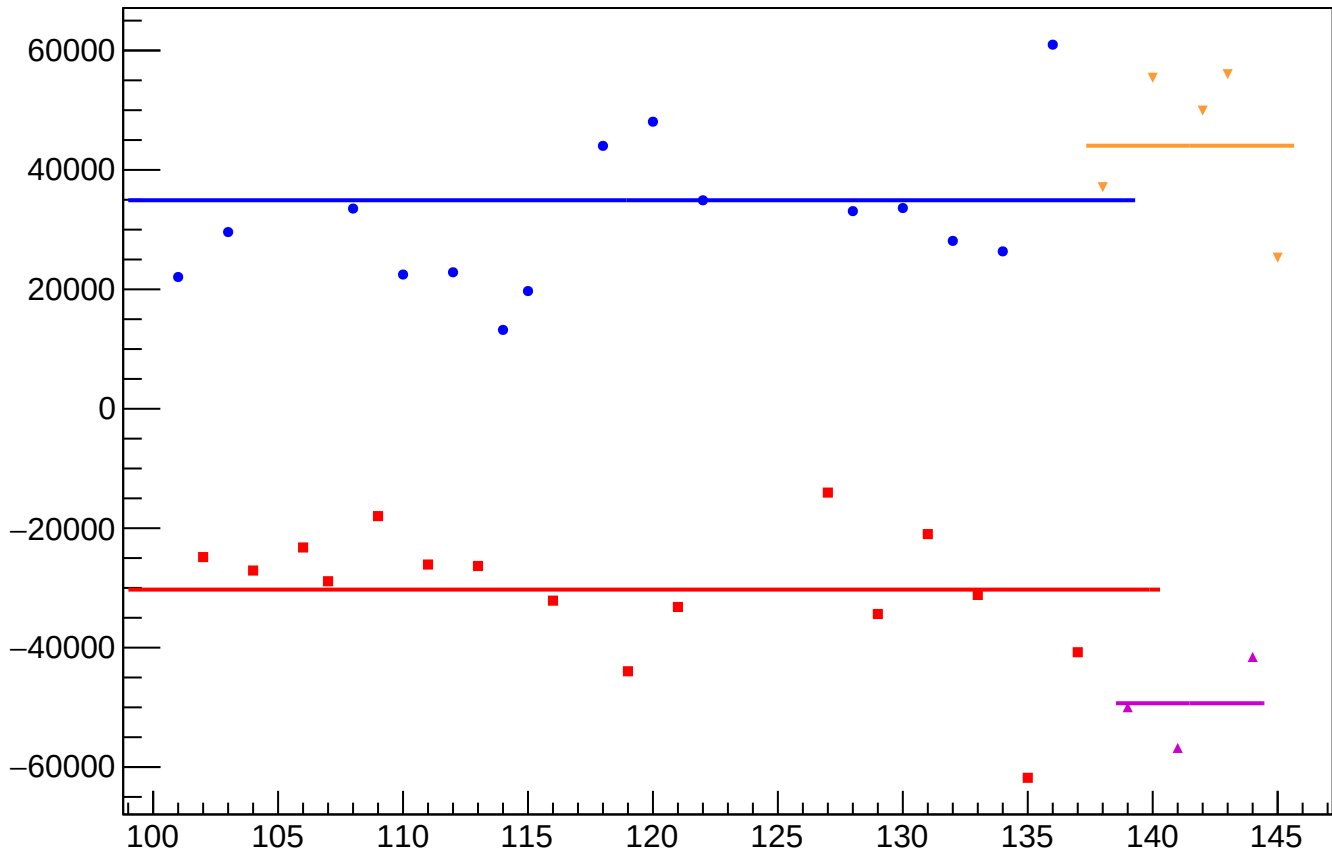
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1657.645+/-0.000 χ^2/NDF : 54311317896252644165133638780737028096.0/4
 Right Out: -1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: -1857.302+/-0.000 χ^2/NDF : 4055310637003292541326244065063206912.0/2
 All: 70.246+/-0.000 χ^2/NDF : 5374610484551

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 34919.716+/-0.000

Left: 4767.266+/-0.000 χ^2/NDF : 135072327265518

Left Out: 44056.096+/-0.000

Right: 1872.760+/-0.000 χ^2/NDF : 15931536557711

Right Out: -30282.373+/-0.000

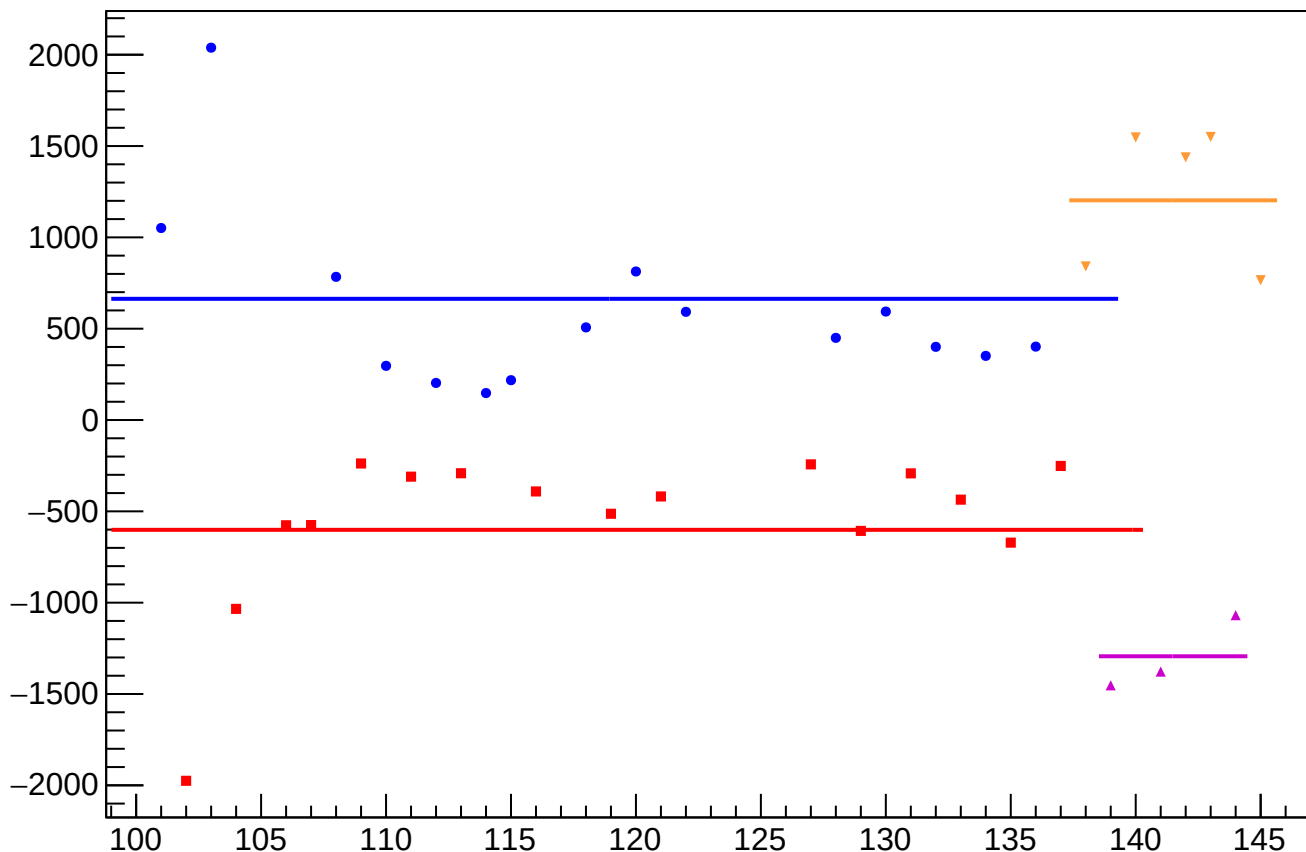
In: 11159.479+/-0.000 χ^2/NDF : 141541824103728

Left In: -49312.654+/-0.000

Out: -4650.936+/-0.000 χ^2/NDF : 14122473831354

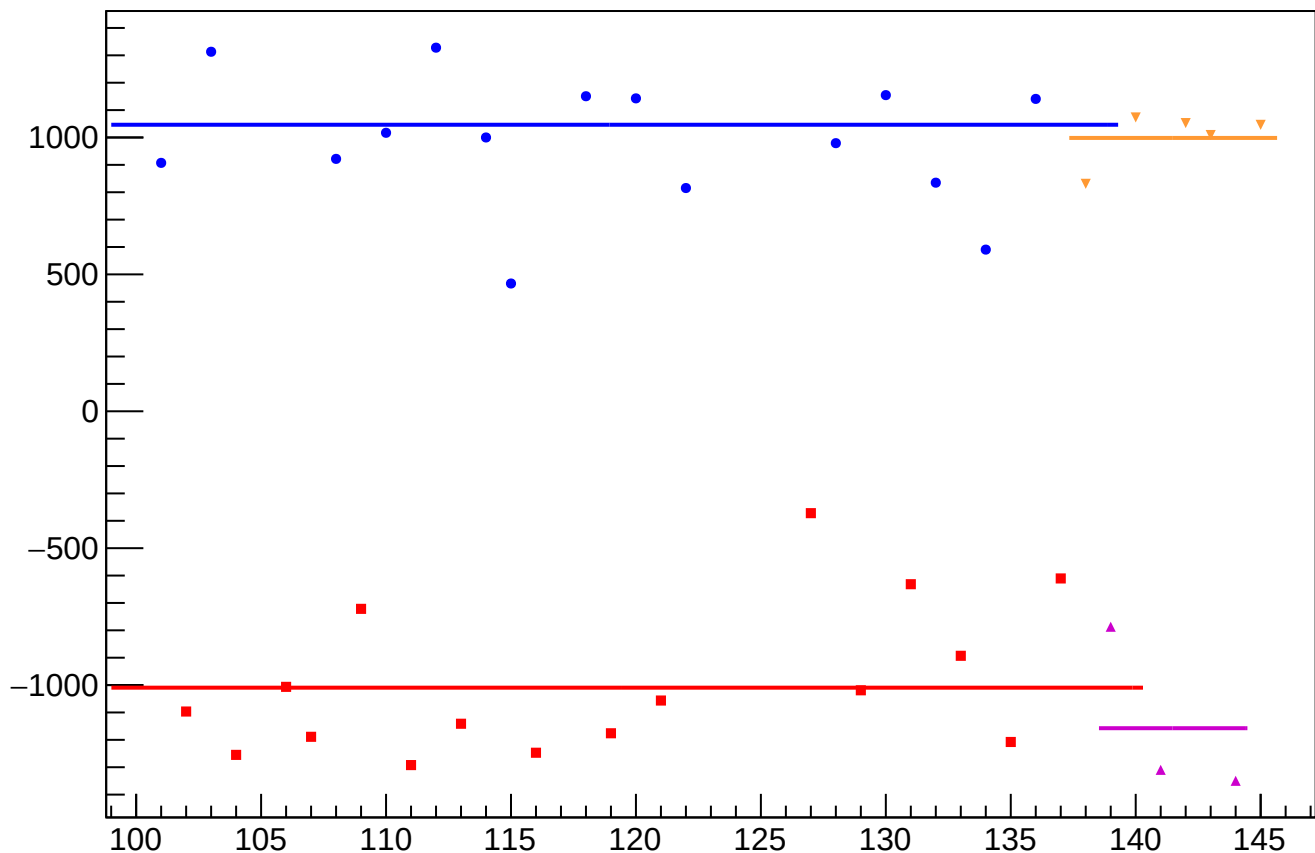
All: 2785.388+/-0.000 χ^2/NDF : 29473532817

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



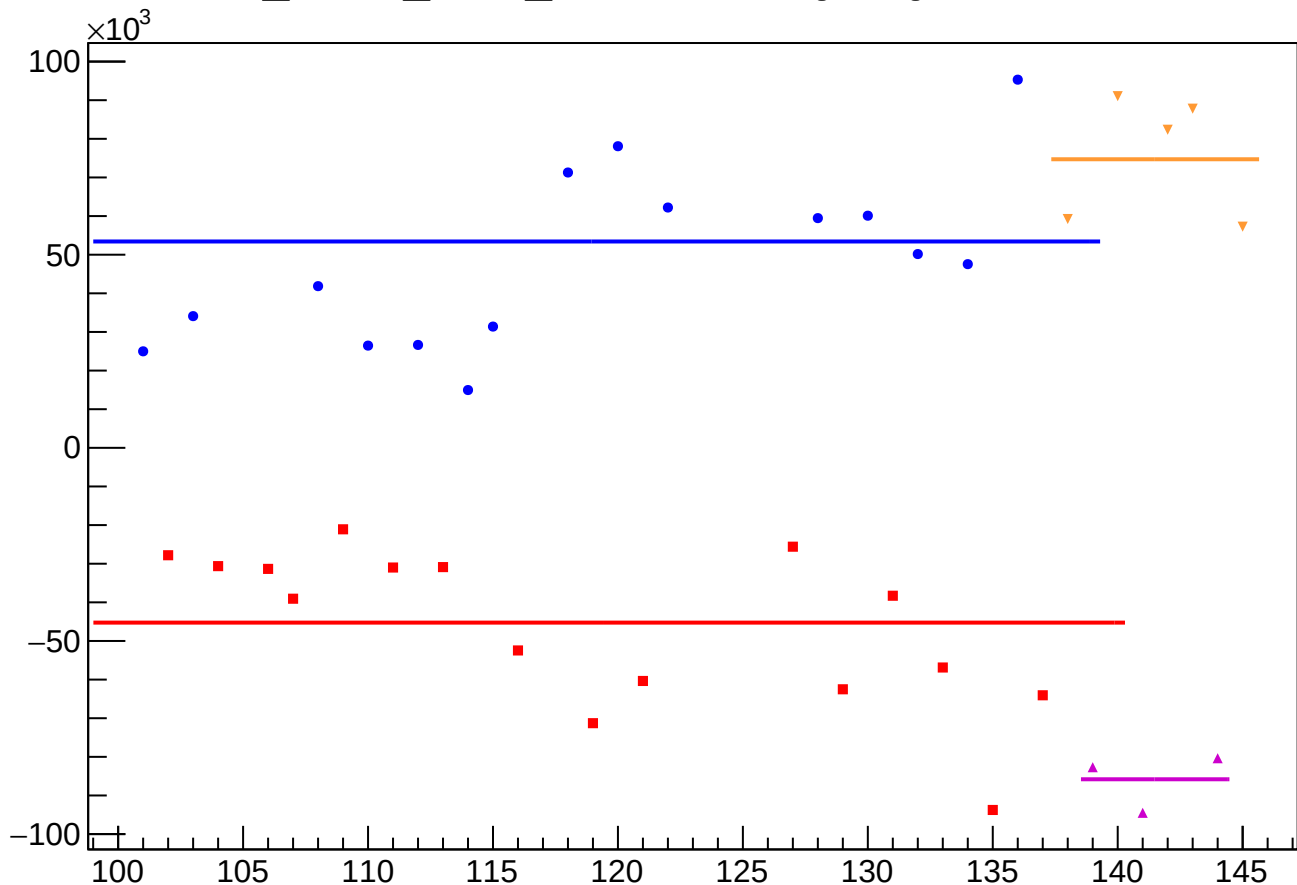
Right In: 663.574 +/- 0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14
 Left Out: 1202.678 +/- 0.000 χ^2/NDF : 45460143929886909091548024603358003200.0/4
 Right Out: -601.216 +/- 0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15
 Left In: -1293.464 +/- 0.000 χ^2/NDF : 7151753375699380784094372930741338112.0/2
 All: 63.452 +/- 0.000 χ^2/NDF : 1813477449840

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



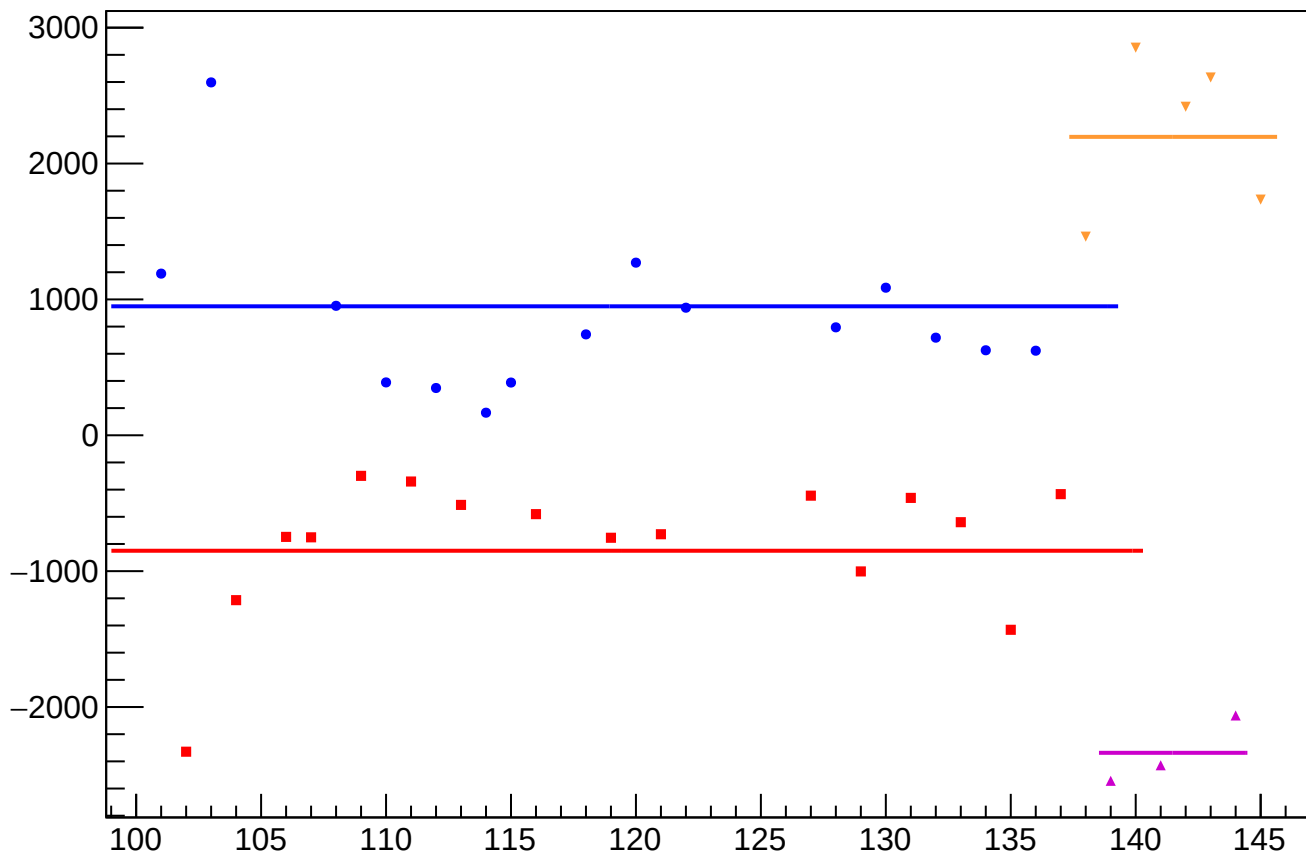
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452 $\pm$ 0.000 χ^2 /NDF: 360635757315133800133751123167777346551808.0/14
 Left: 7165.337 $\pm$ 0.000 χ^2 /NDF: 389373282811780
 Right: 3412.622 $\pm$ 0.000 χ^2 /NDF: 38491691465863
 Left Out: 74708.514 $\pm$ 0.000 χ^2 /NDF: 78479369648339079637428972966641043243008.0/4
 In: 14148.979 $\pm$ 0.000 χ^2 /NDF: 391918837149033
 Right Out: -45247.617 $\pm$ 0.000 χ^2 /NDF: 286060196488034430215784613374055547928576.0/15
 Out: -3887.497 $\pm$ 0.000 χ^2 /NDF: 36737933241002
 Left In: -85805.859 $\pm$ 0.000 χ^2 /NDF: 9834096949728575395371565426767816556544.0/2
 All: 4595.840 $\pm$ 0.000 χ^2 /NDF: 7748745384

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 949.197+/-0.000

χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left: 288.709+/-0.000 χ^2/NDF : 3155449900420103

Right: 37.382+/-0.000 χ^2/NDF : 1494917928354426

Left Out: 2196.334+/-0.000

χ^2/NDF : 109106380656899064404909274994783027200.0/4

In: 22.205+/-0.000 χ^2/NDF : 221364989627126753

Right Out: -849.827+/-0.000

χ^2/NDF : 204622224261577247702227312745197338624.0/15

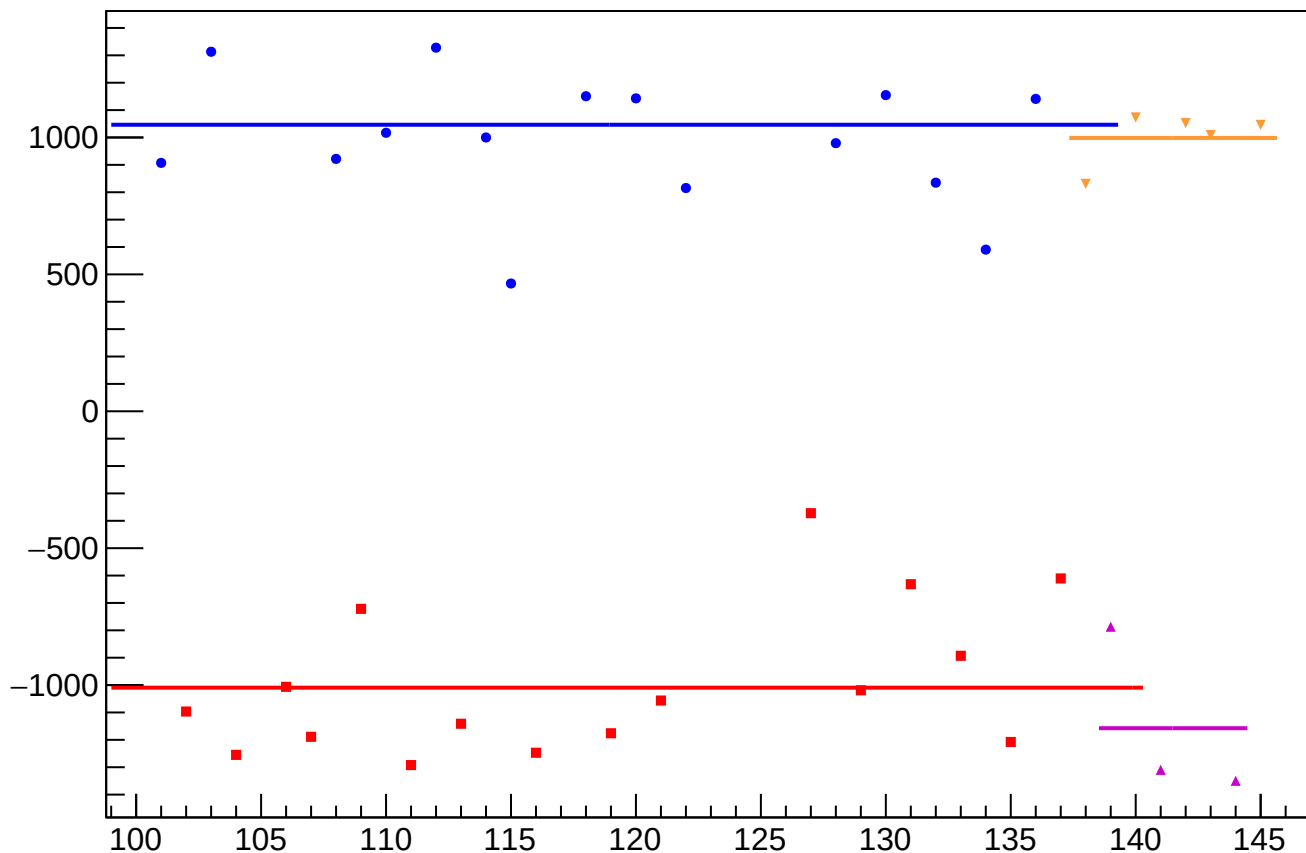
Out: 200.471+/-0.000 χ^2/NDF : 2447711320581150

Left In: -2337.080+/-0.000

χ^2/NDF : 10875870520424066147916896653847560192.0/2

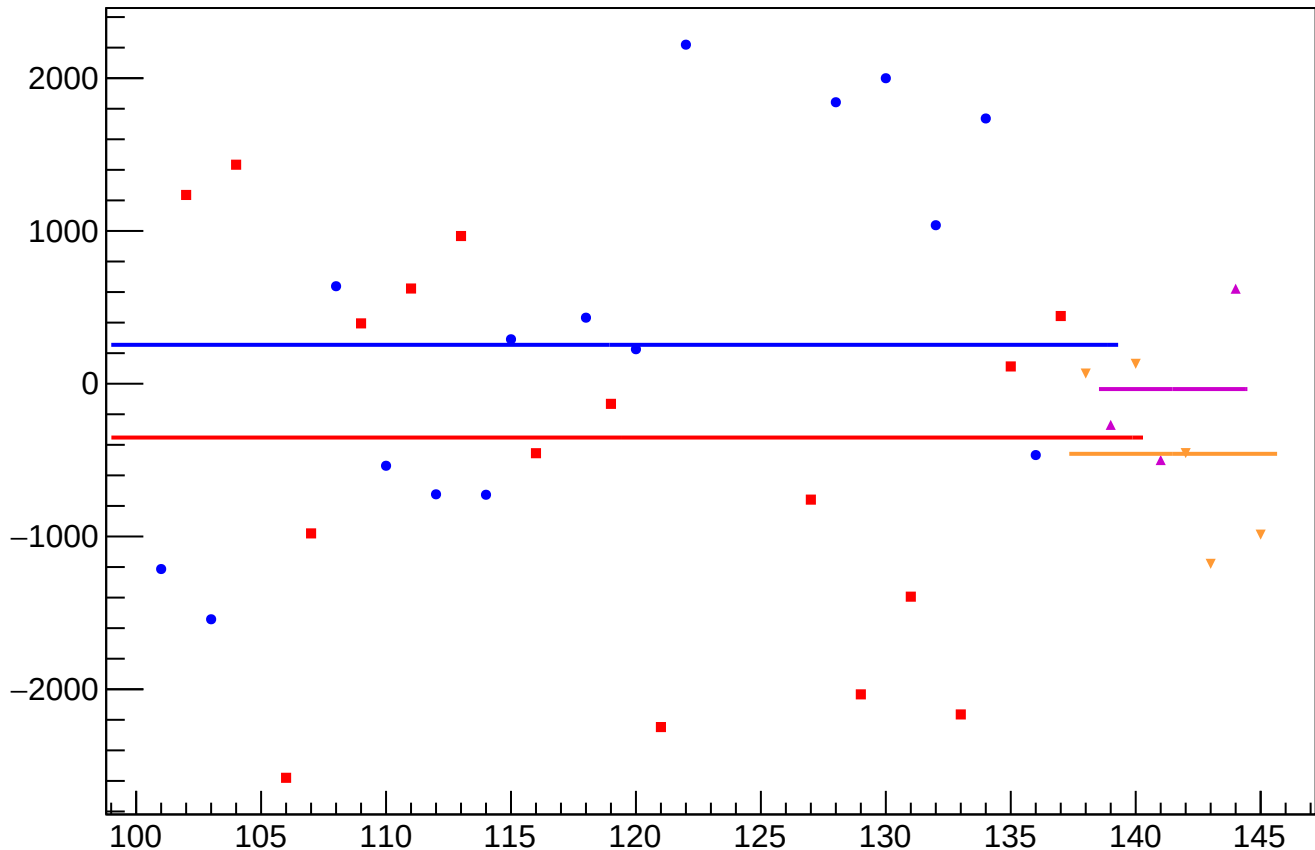
All: 116.625+/-0.000 χ^2/NDF : 467657711832

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



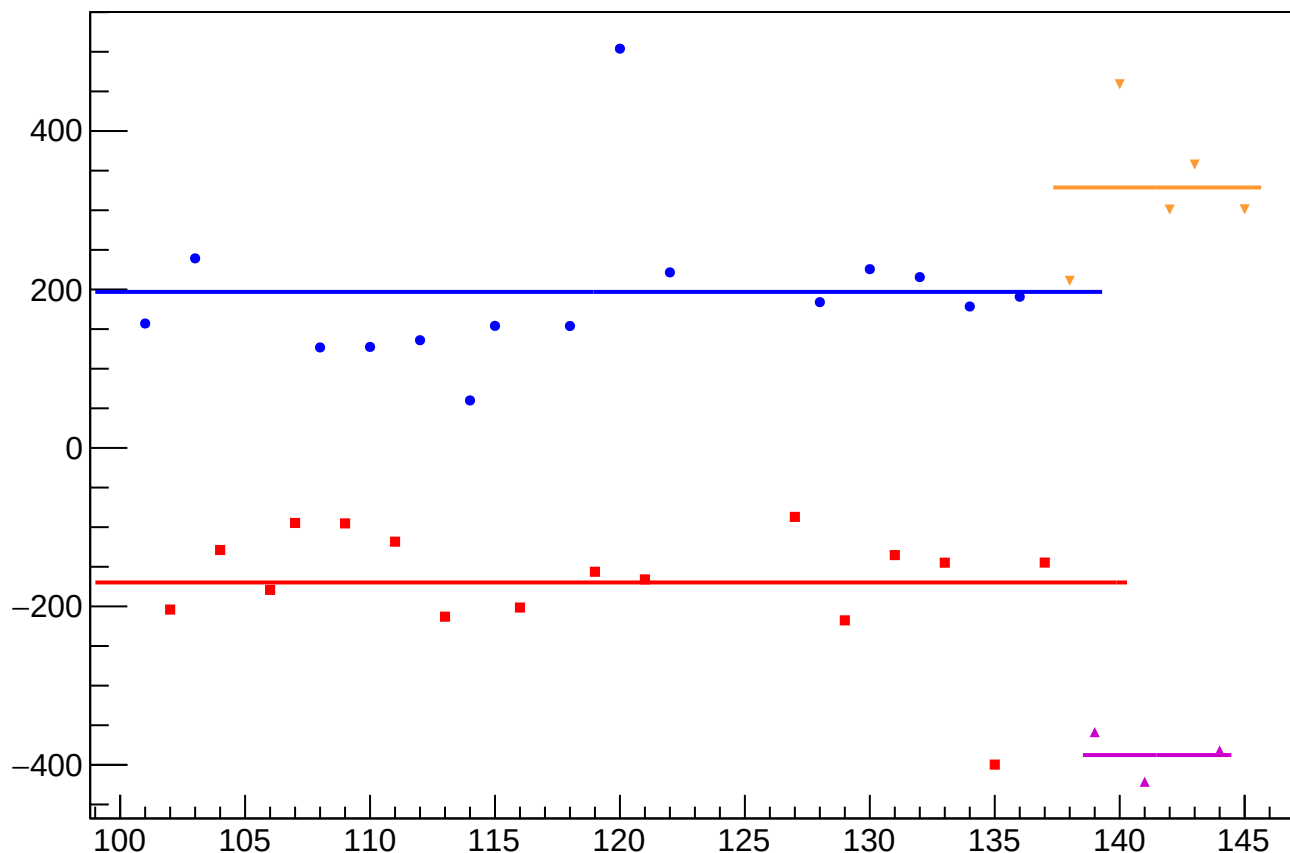
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left: 91.188+/-0.000 χ^2/NDF : 70578156575233975
 Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 In: 424.794+/-0.000 χ^2/NDF : 93049950328889738
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Out: -317.173+/-0.000 χ^2/NDF : 974660372721038
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 254.578 $\pm$ 0.000 χ^2 /NDF: 978402113531006640741569223967249530880.0/14
 Left Out: -458.886 $\pm$ 0.000 χ^2 /NDF: 106567759127001654541605640047347892224.0/4
 Right Out: -352.308 $\pm$ 0.000 χ^2 /NDF: 1100813647101508513447529068154010468352.0/15
 Left In: -35.001 $\pm$ 0.000 χ^2 /NDF: 61208912858774048025324751000935858176.0/2
 All: -124.746 $\pm$ 0.000 χ^2 /NDF: 24161581218

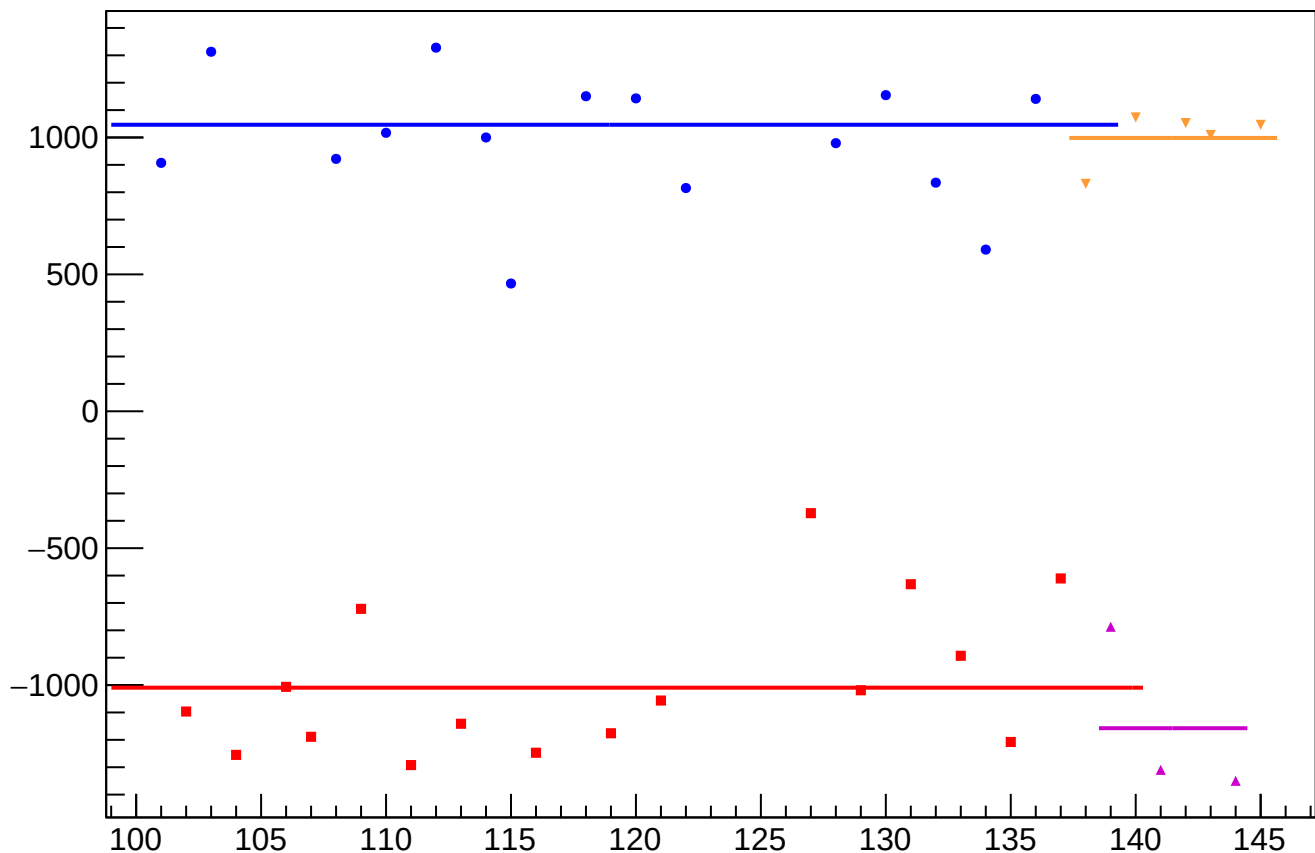
dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: 27.299+/-0.000 χ^2/NDF : 78589975961765735
 Right: 11.081+/-0.000 χ^2/NDF : 5261792058222240
 In: 32.056+/-0.000 χ^2/NDF : 672150551431499354
 Out: 2.109+/-0.000 χ^2/NDF : 636725632670216753
 All: 16.194+/-0.000 χ^2/NDF : 1313170433756

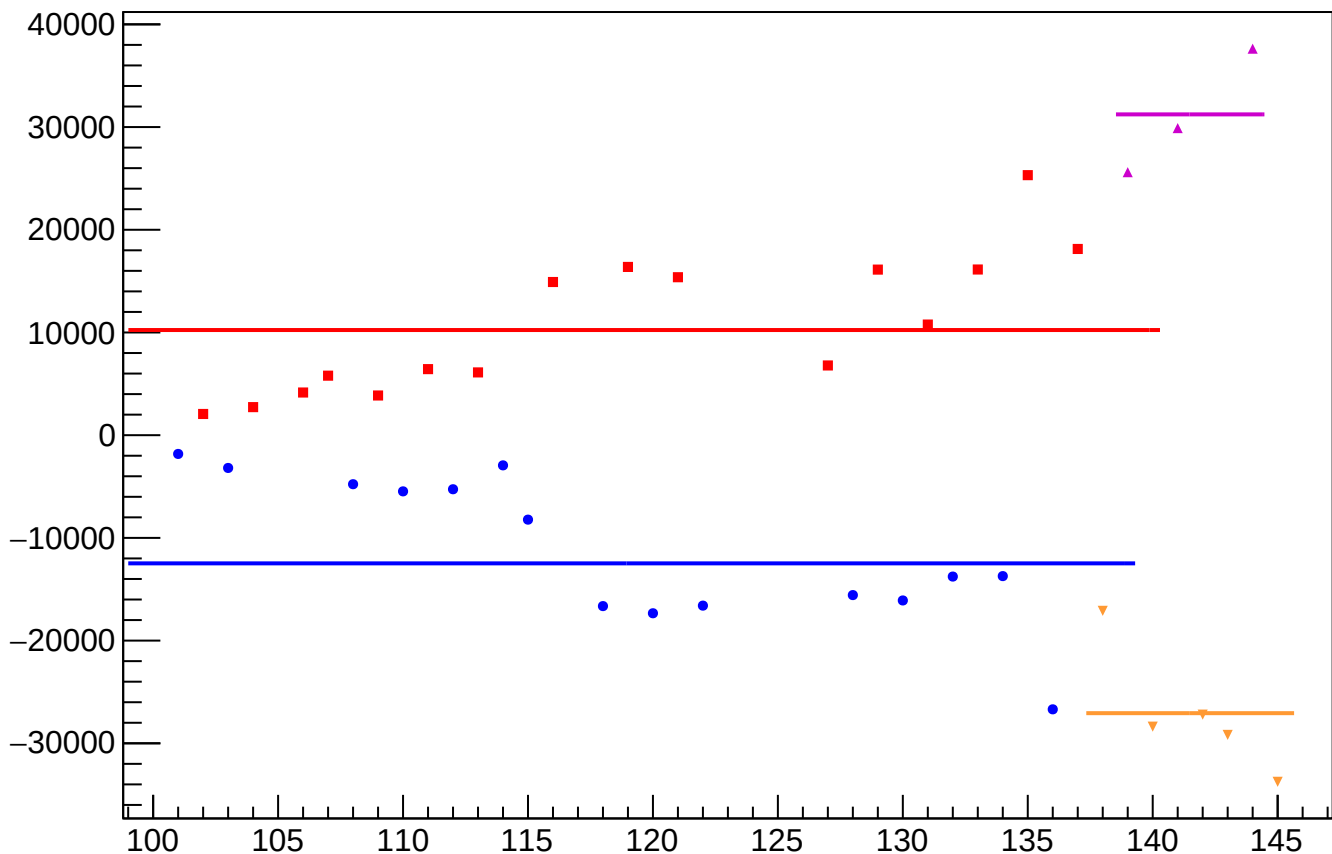
Right In: 196.955+/-0.000 χ^2/NDF : 4485245160329657914621372425838788608.0/14
 Left Out: 328.742+/-0.000 χ^2/NDF : 2625342279135413983188851858815844352.0/4
 Right Out: -169.778+/-0.000 χ^2/NDF : 3892609445494845784493558646385410048.0/15
 Left In: -387.628+/-0.000 χ^2/NDF : 167953039061606136342035755568201728.0/2

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



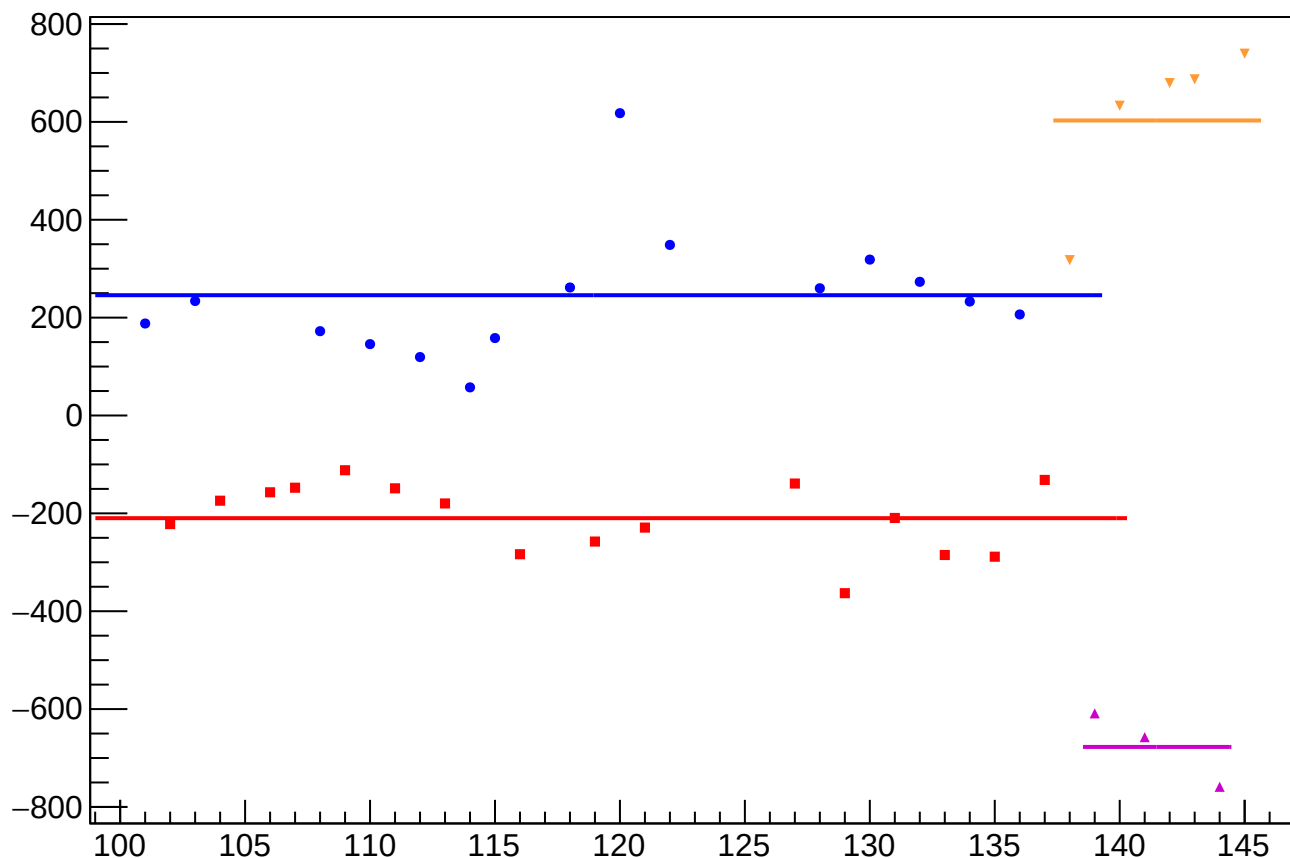
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_sam6_coil1_mean vs Slug, Sign Corrected



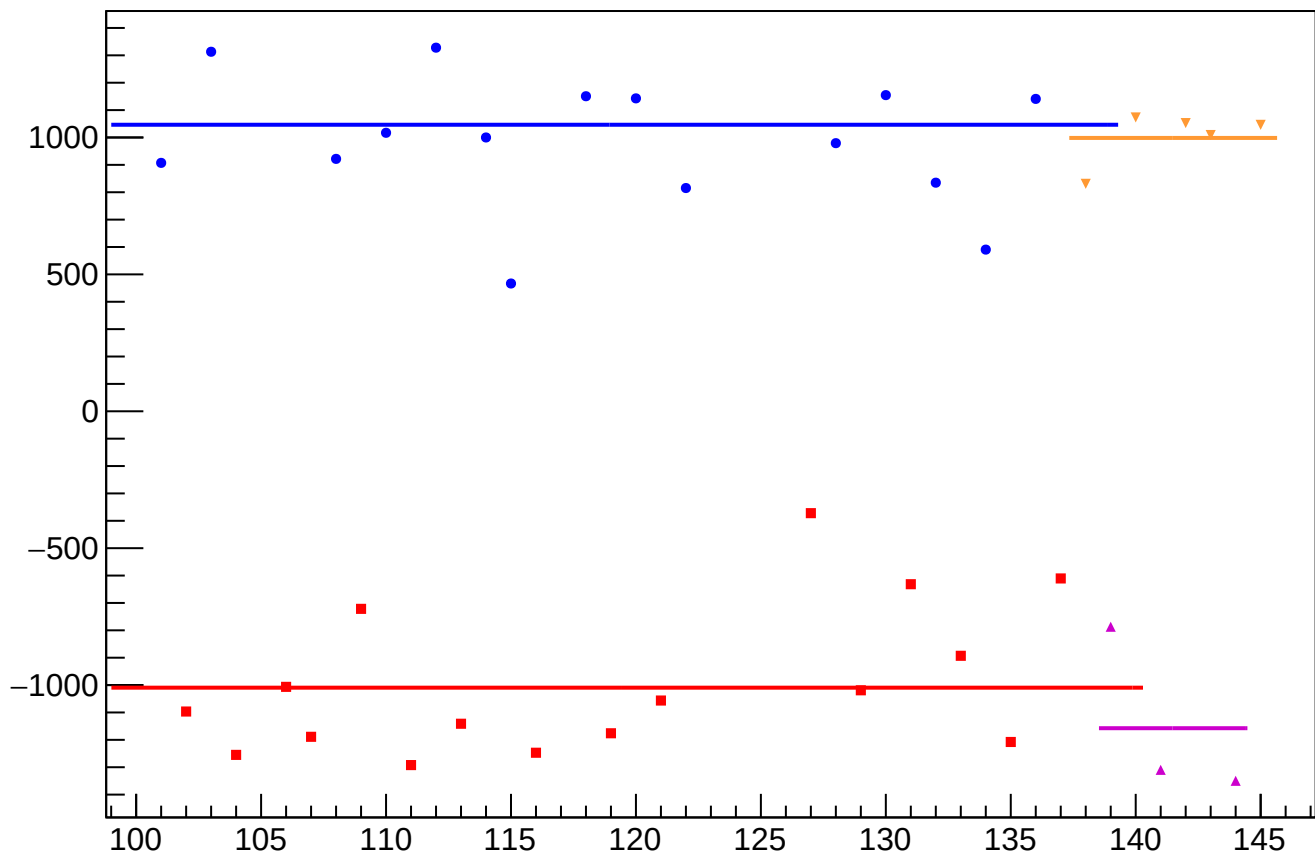
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -27065.098+/-0.000 χ^2/NDF : 11667446375993804432879167518221226999808.0/4
 Right Out: 10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: 31234.705+/-0.000 χ^2/NDF : 6359816735007144169417168476559172960256.0/2
 All: -1459.669+/-0.000 χ^2/NDF : 7632231934

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



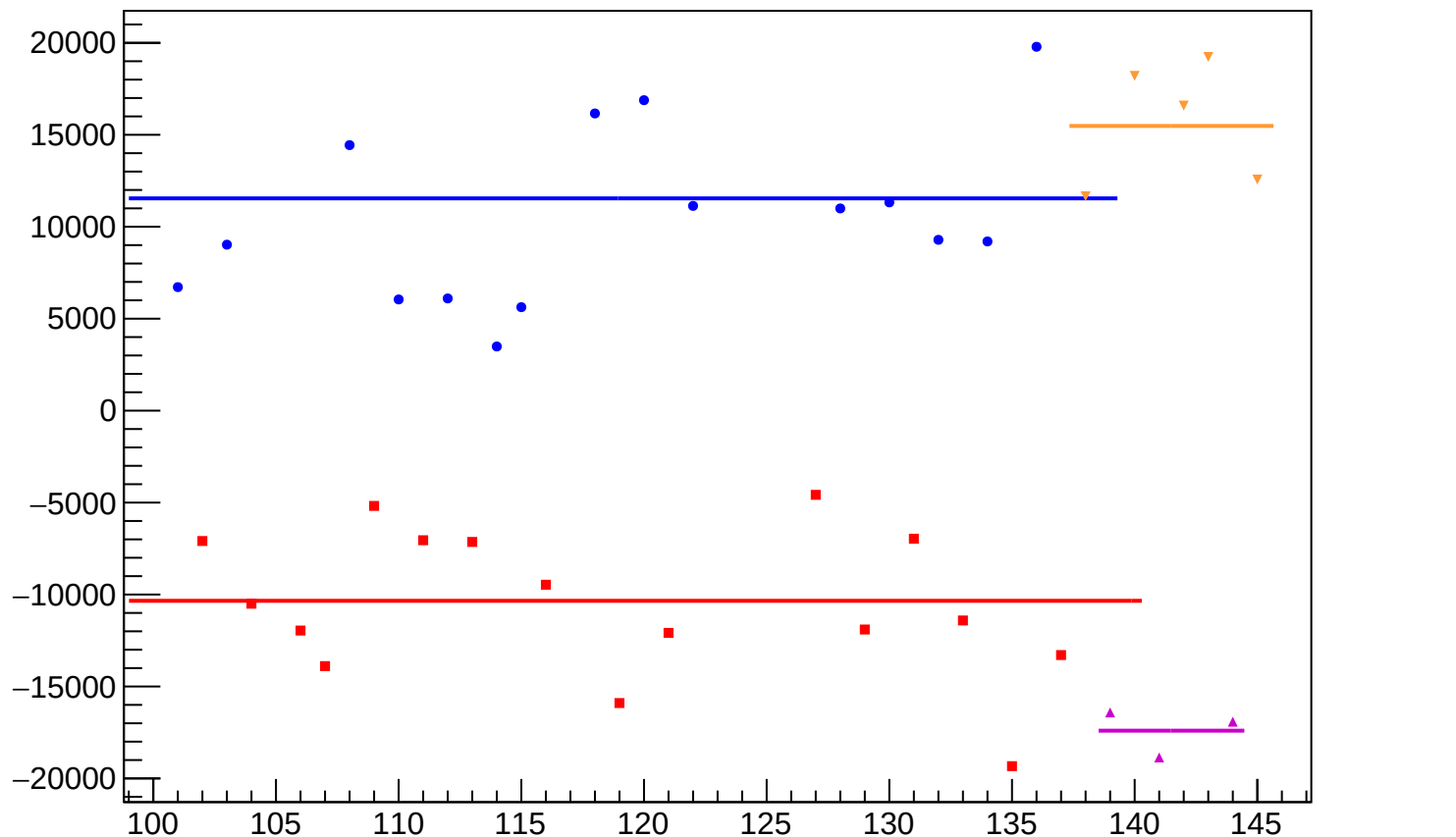
Right In: 245.832 $\pm$ 0.000 χ^2 /NDF: 7828269009300013139414476154059358208.0/14
 Left Out: 602.941 $\pm$ 0.000 χ^2 /NDF: 8625389137120146305045819139446276096.0/4
 Right Out: -209.844 $\pm$ 0.000 χ^2 /NDF: 3128489258838765241921217786024034304.0/15
 Left In: -677.338 $\pm$ 0.000 χ^2 /NDF: 1005939075521032214361936305043013632.0/2
 All: 30.432 $\pm$ 0.000 χ^2 /NDF: 3319929756614

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



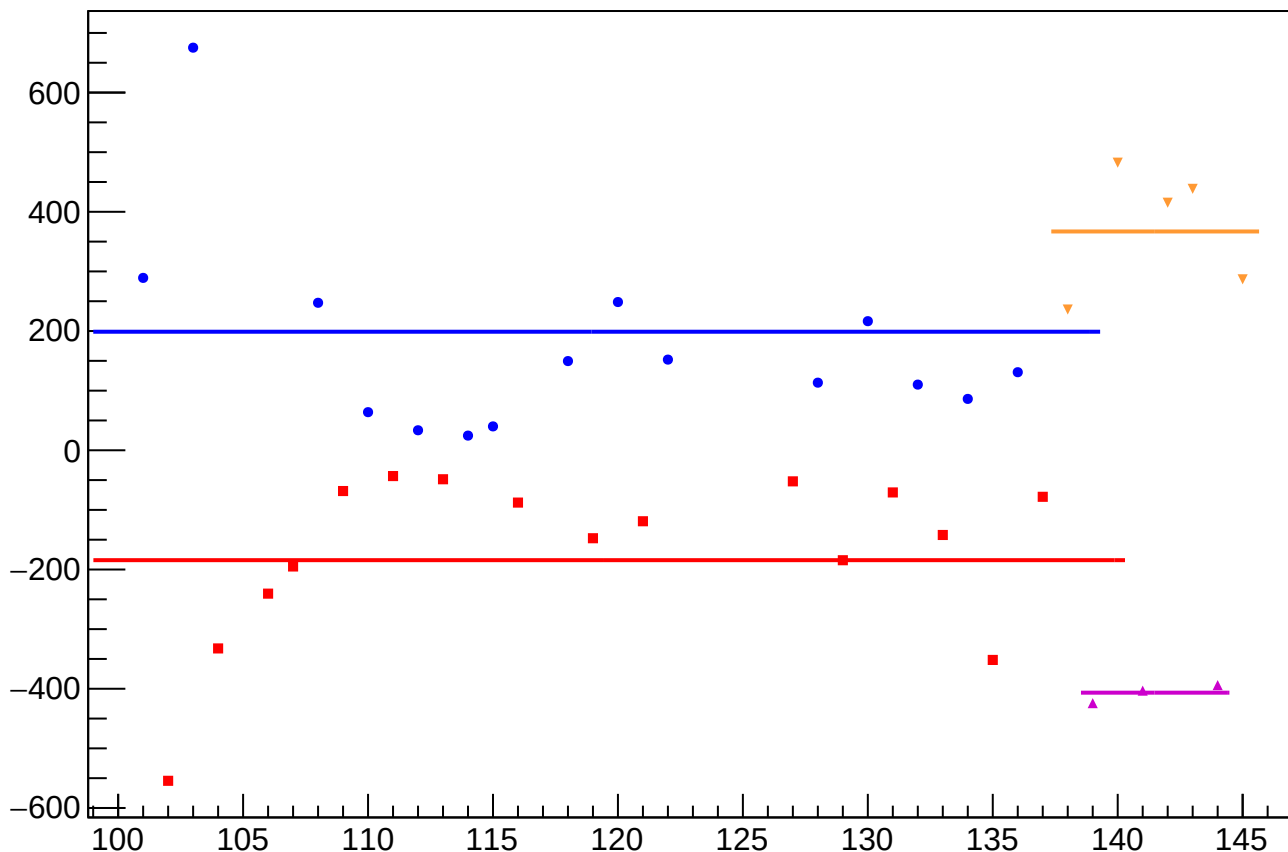
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 15481.042+/-0.000 χ^2/NDF : 3411652257836745434235048256880345350144.0/4
 Right Out: -10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: -17402.380+/-0.000 χ^2/NDF : 281073058144716066175438130987740954624.0/2
 All: 827.643+/-0.000 χ^2/NDF : 346999038748

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

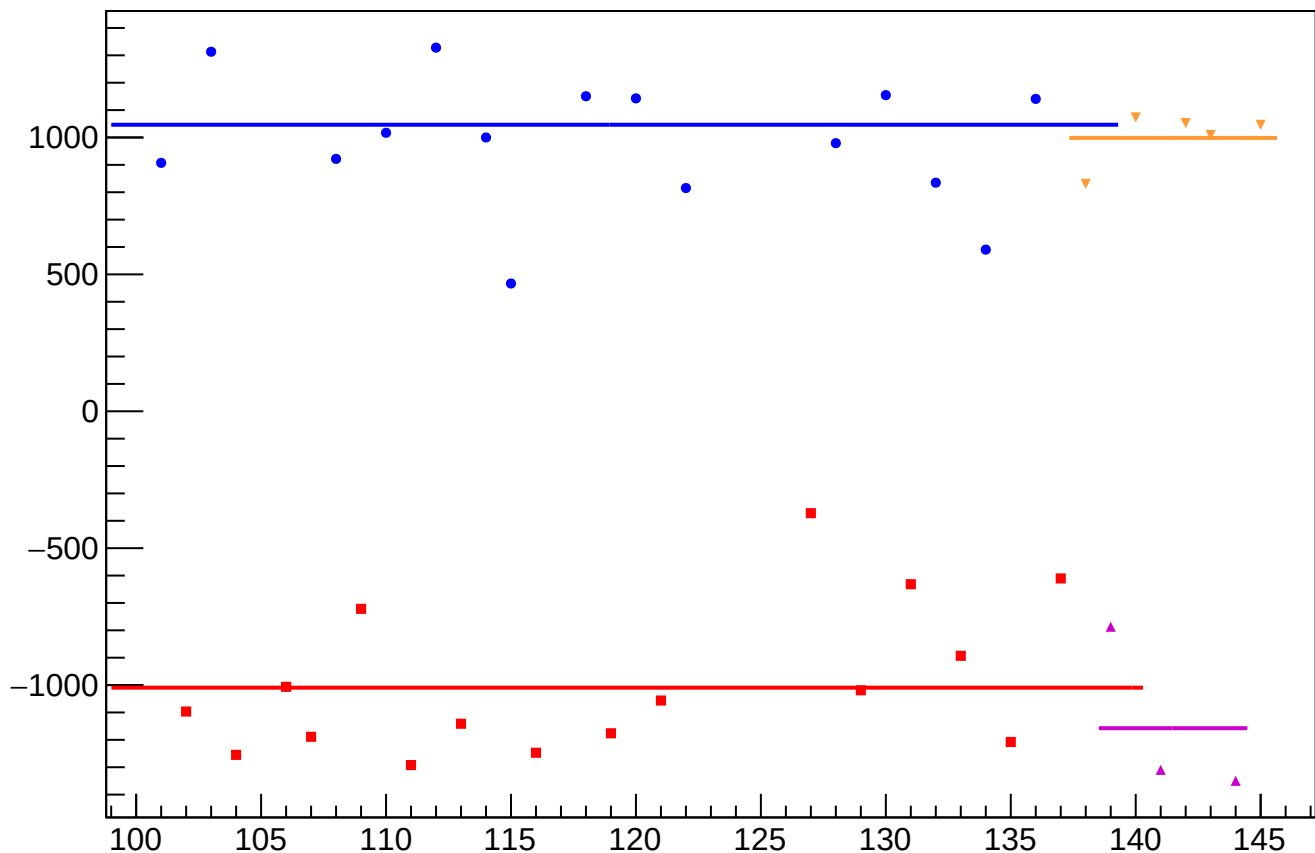
Left Out: 367.007+/-0.000 χ^2/NDF : 3380990030458226188535562432216563712.0/4

Right Out: -184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

Left In: -406.581+/-0.000 χ^2/NDF : 40390822946760289617034551278698496.0/2

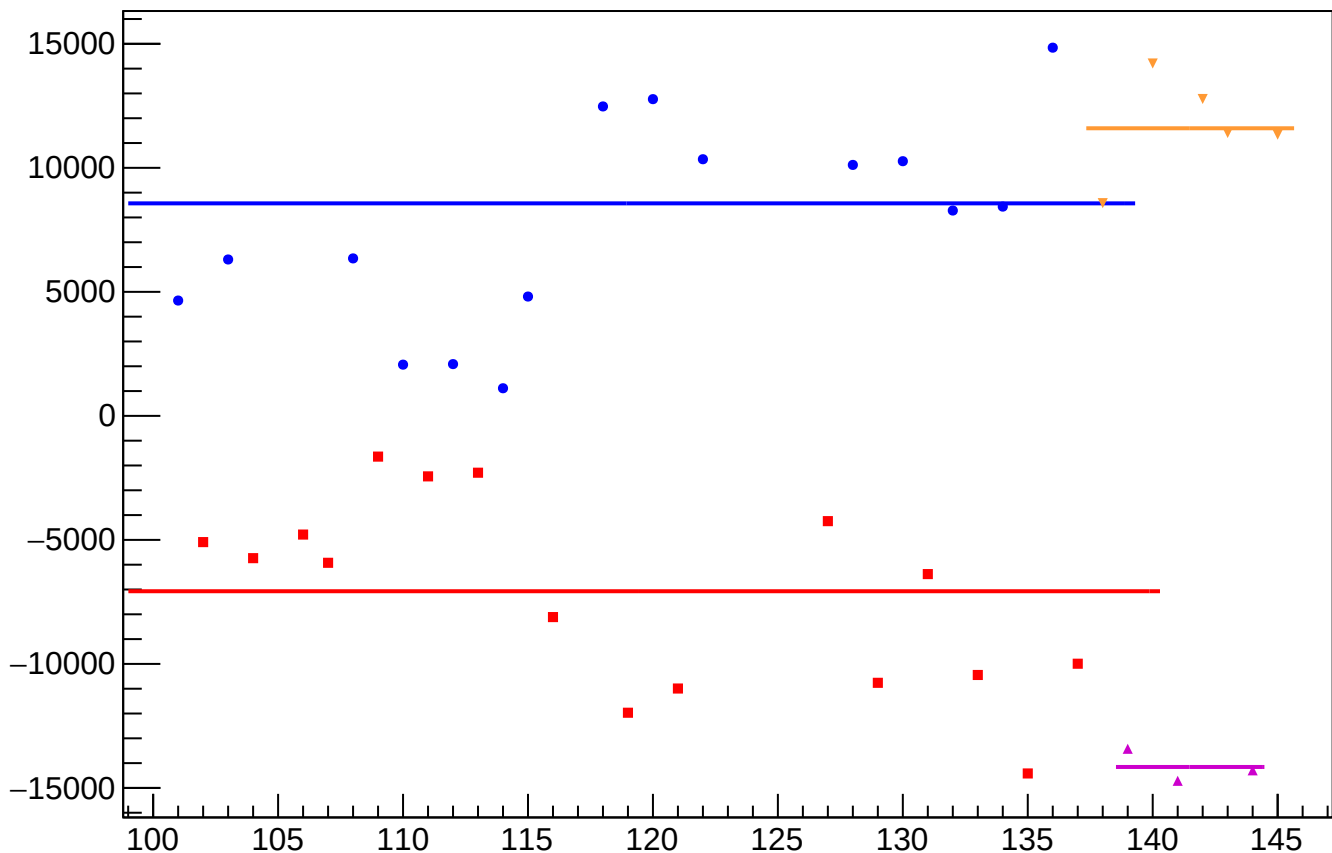
All: 16.258+/-0.000 χ^2/NDF : 1739310771488

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



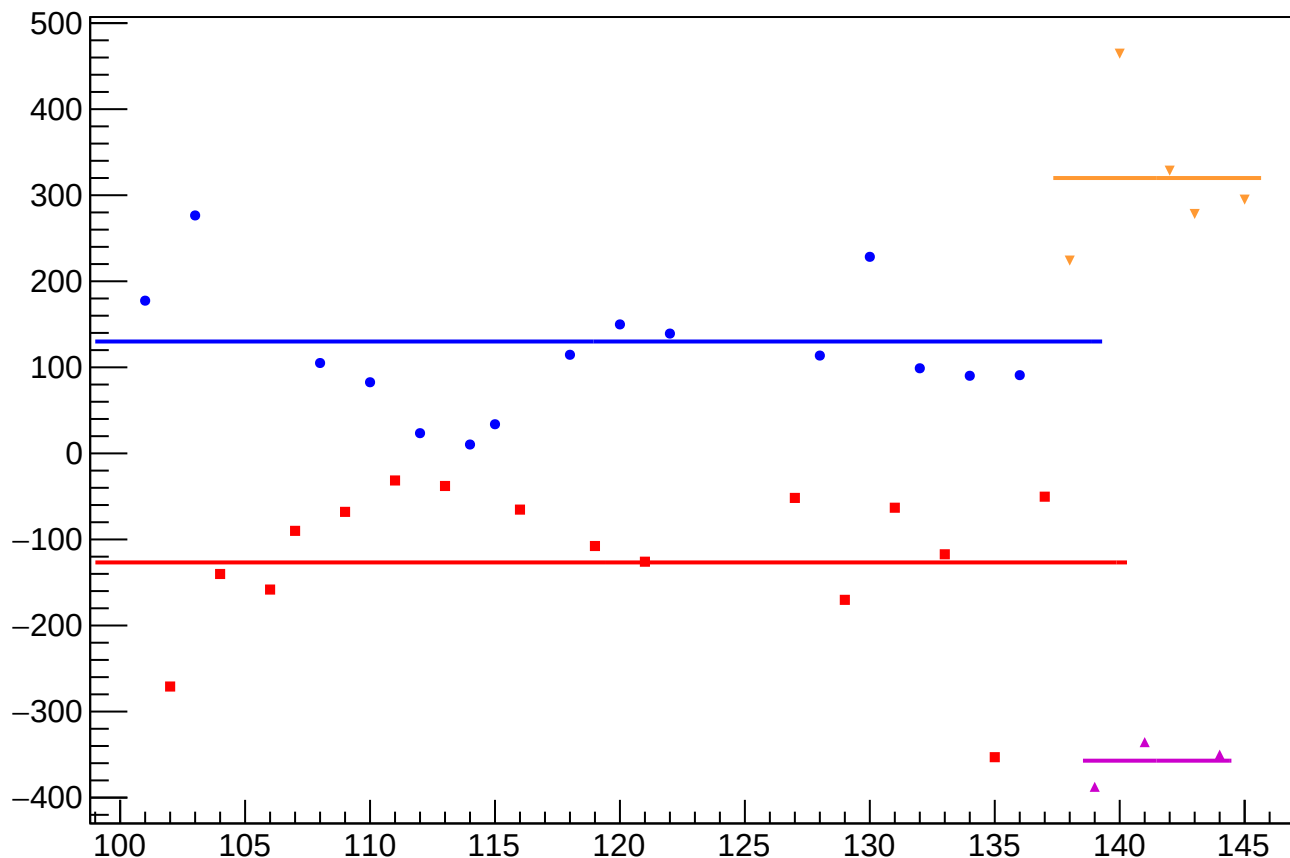
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_sam8_coil1_mean vs Slug, Sign Corrected



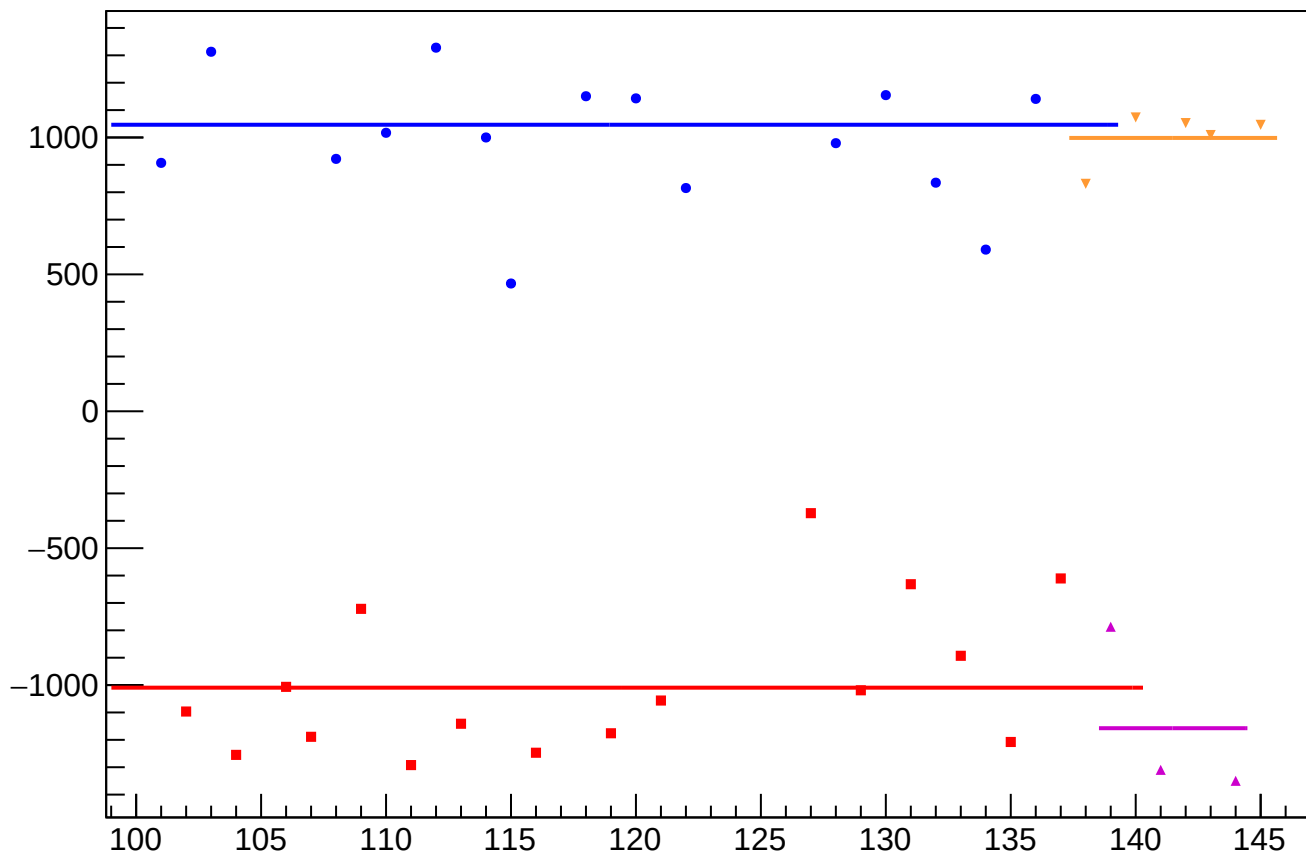
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left: 759.631+/-0.000 χ^2/NDF : 9934633163192591
 Right: 642.005+/-0.000 χ^2/NDF : 101620430321781
 Left Out: 11594.988+/-0.000 χ^2/NDF : 1342318003047424539777112570548283506688.0/4
 In: 2158.172+/-0.000 χ^2/NDF : 1057005222529683
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Out: -634.354+/-0.000 χ^2/NDF : 915381275329094
 Left In: -14154.920+/-0.000 χ^2/NDF : 71696641306837354705178149175578066944.0/2
 All: 679.092+/-0.000 χ^2/NDF : 200972502827

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



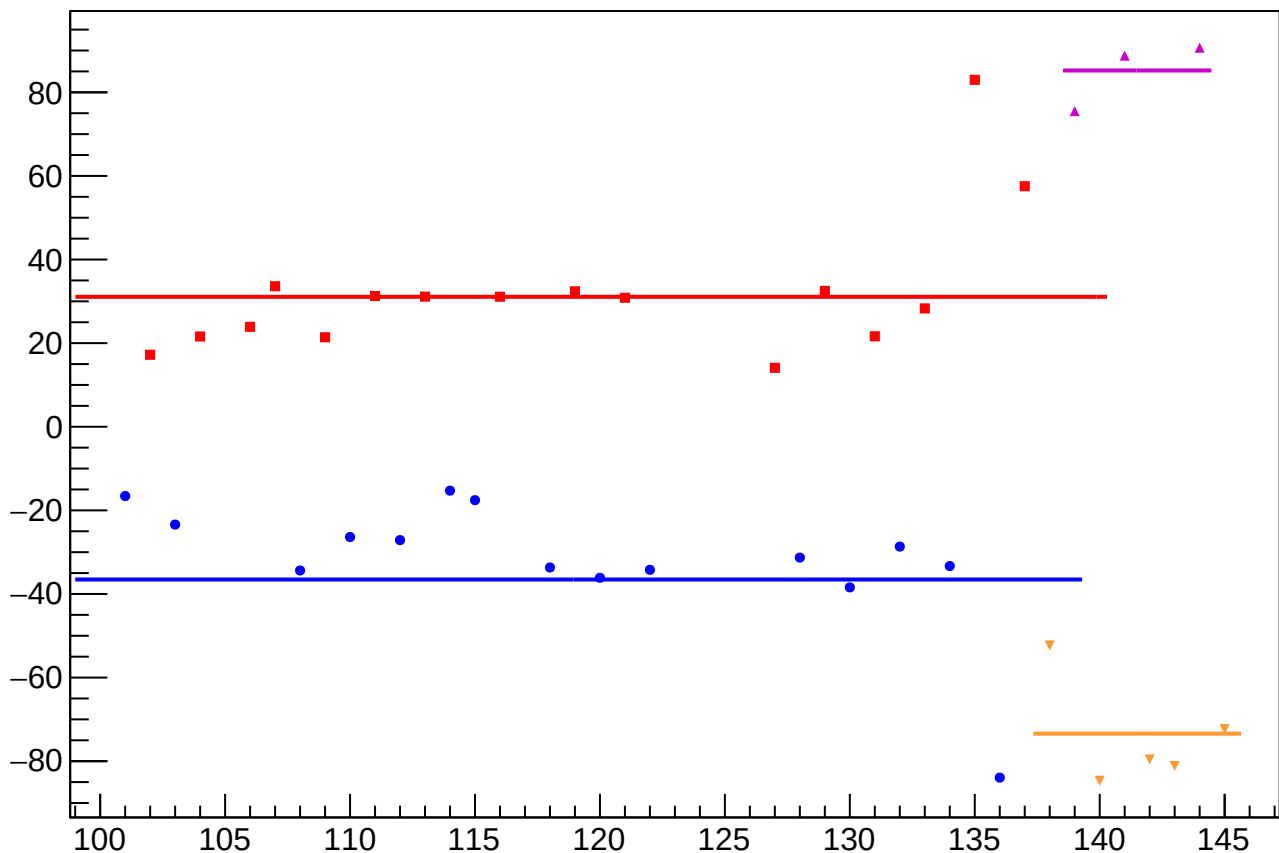
Right In: 130.021 $\pm$ 0.000 χ^2 /NDF: 3115259987552341725946418665378283520.0/14
 Left Out: 319.985 $\pm$ 0.000 χ^2 /NDF: 2599722677521614919688178424178802688.0/4
 Right Out: -126.709 $\pm$ 0.000 χ^2 /NDF: 5397122581297664561308621600668516352.0/15
 Left In: -357.077 $\pm$ 0.000 χ^2 /NDF: 118520080014961781162912079417442304.0/2
 All: 10.993 $\pm$ 0.000 χ^2 /NDF: 1011312146769

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 998.342+/-0.000 χ^2/NDF : 2970535194583418480418390766327431168.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2
 All: 31.806+/-0.000 χ^2/NDF : 2168751838708

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: -36.540 $\pm$ 0.000

χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -73.409 $\pm$ 0.000

χ^2/NDF : 50931871720966715096353693669261312.0/4

Right Out: 31.085 $\pm$ 0.000

χ^2/NDF : 181291079119381636178408498876383232.0/15

Left In: 85.224 $\pm$ 0.000

χ^2/NDF : 11375411121294776802894742187671552.0/2

Left: -6.657 $\pm$ 0.000 χ^2/NDF : 37790548520718782

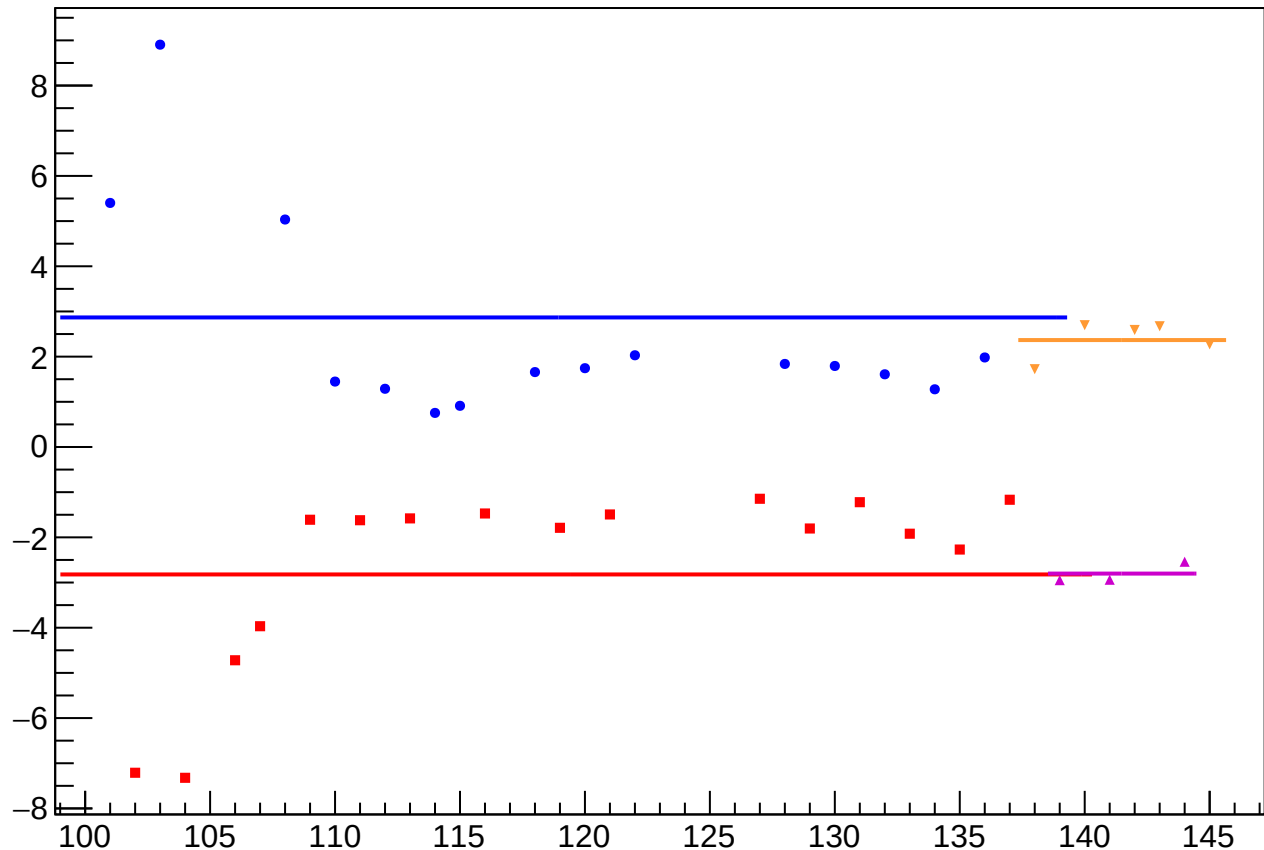
Right: -2.265 $\pm$ 0.000 χ^2/NDF : 1939933040270060

In: -2.193 $\pm$ 0.000 χ^2/NDF : 298000900214469721

Out: -4.944 $\pm$ 0.000 χ^2/NDF : 27433614217316056

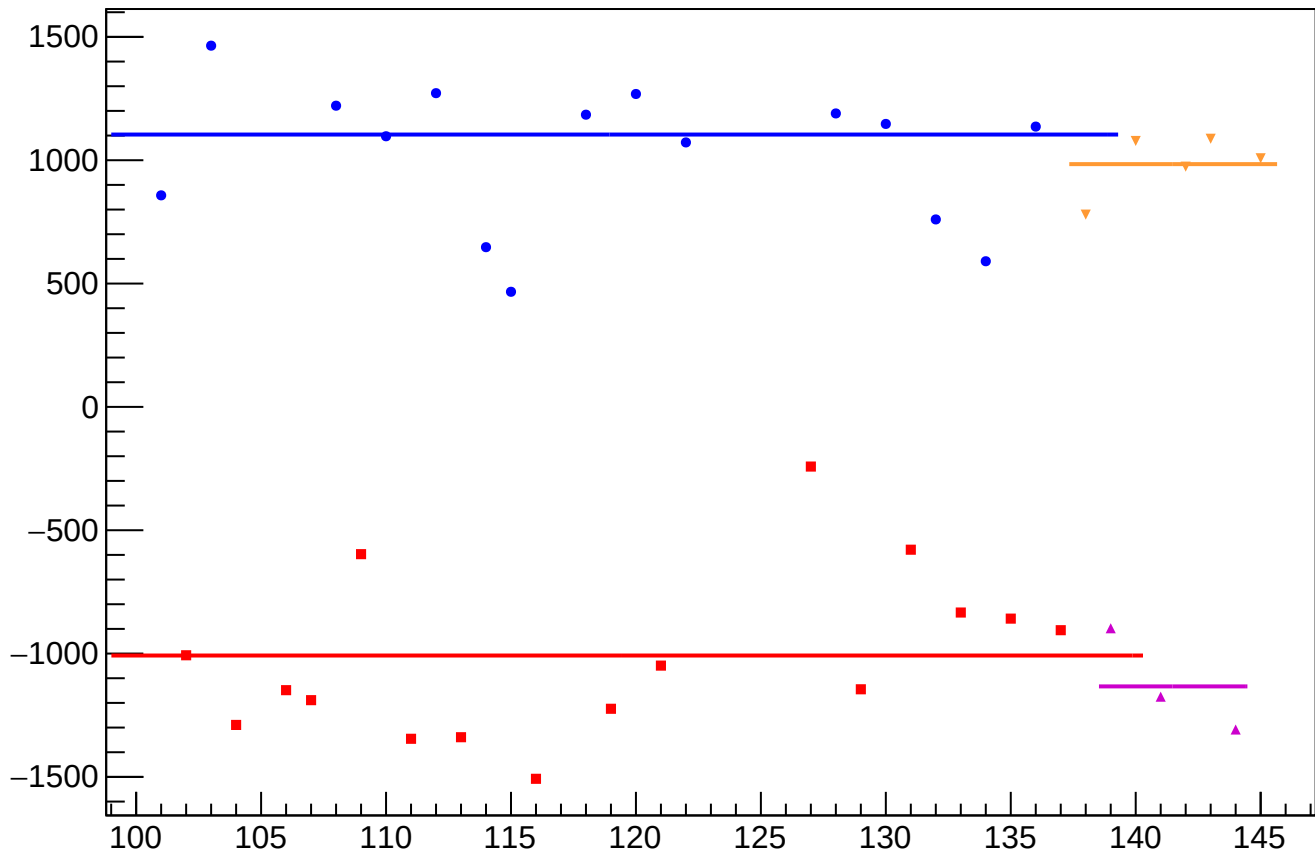
All: -3.650 $\pm$ 0.000 χ^2/NDF : 5726993989760

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



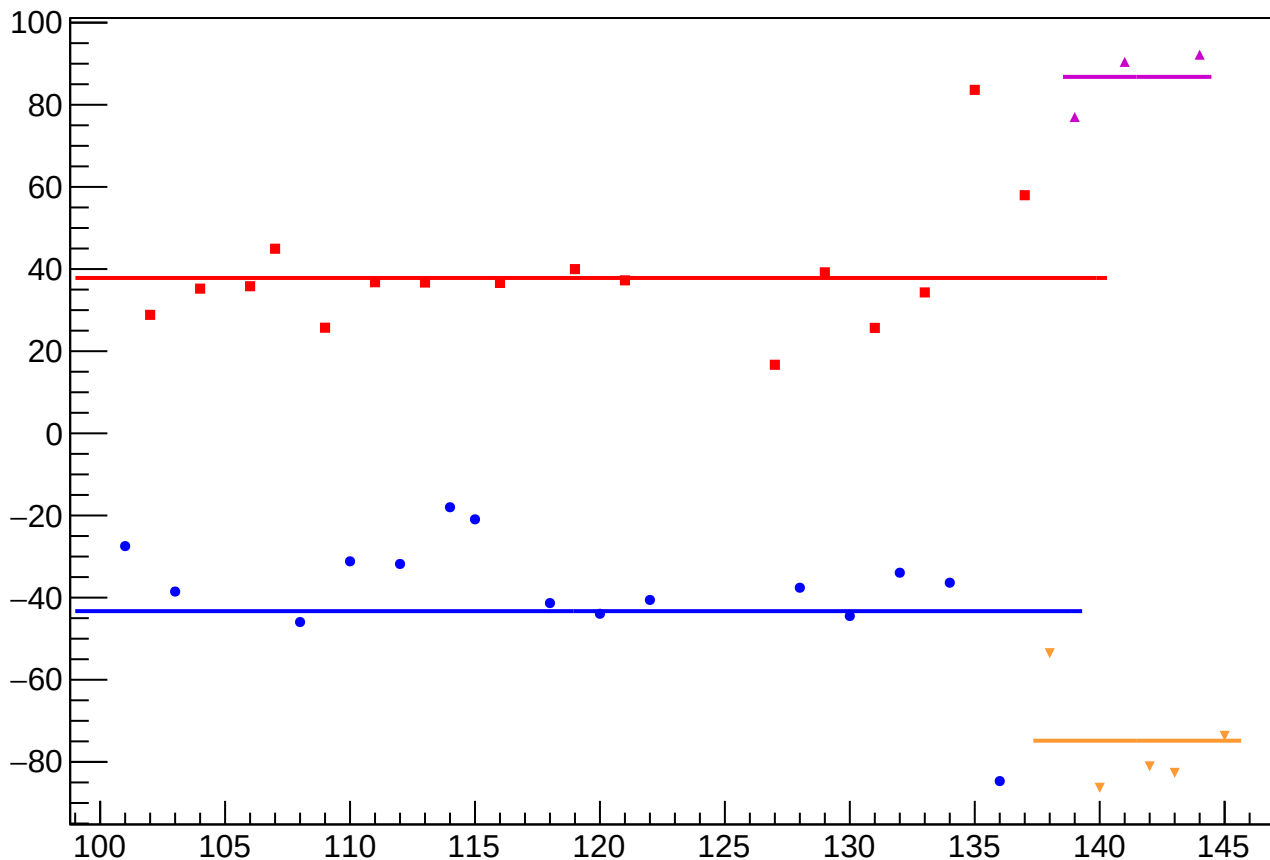
Right In: 2.867 $\pm$ 0.000 χ^2 /NDF: 3455499087584693564208174061322240.0/14
 Left Out: 2.367 $\pm$ 0.000 χ^2 /NDF: 50554092927435702469479240826880.0/4
 Right Out: -2.821 $\pm$ 0.000 χ^2 /NDF: 3052948718107902490497172912472064.0/15
 Left In: -2.802 $\pm$ 0.000 χ^2 /NDF: 9415737876637926204190557732864.0/2
 All: 0.050 $\pm$ 0.000 χ^2 /NDF: 21176070547135

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



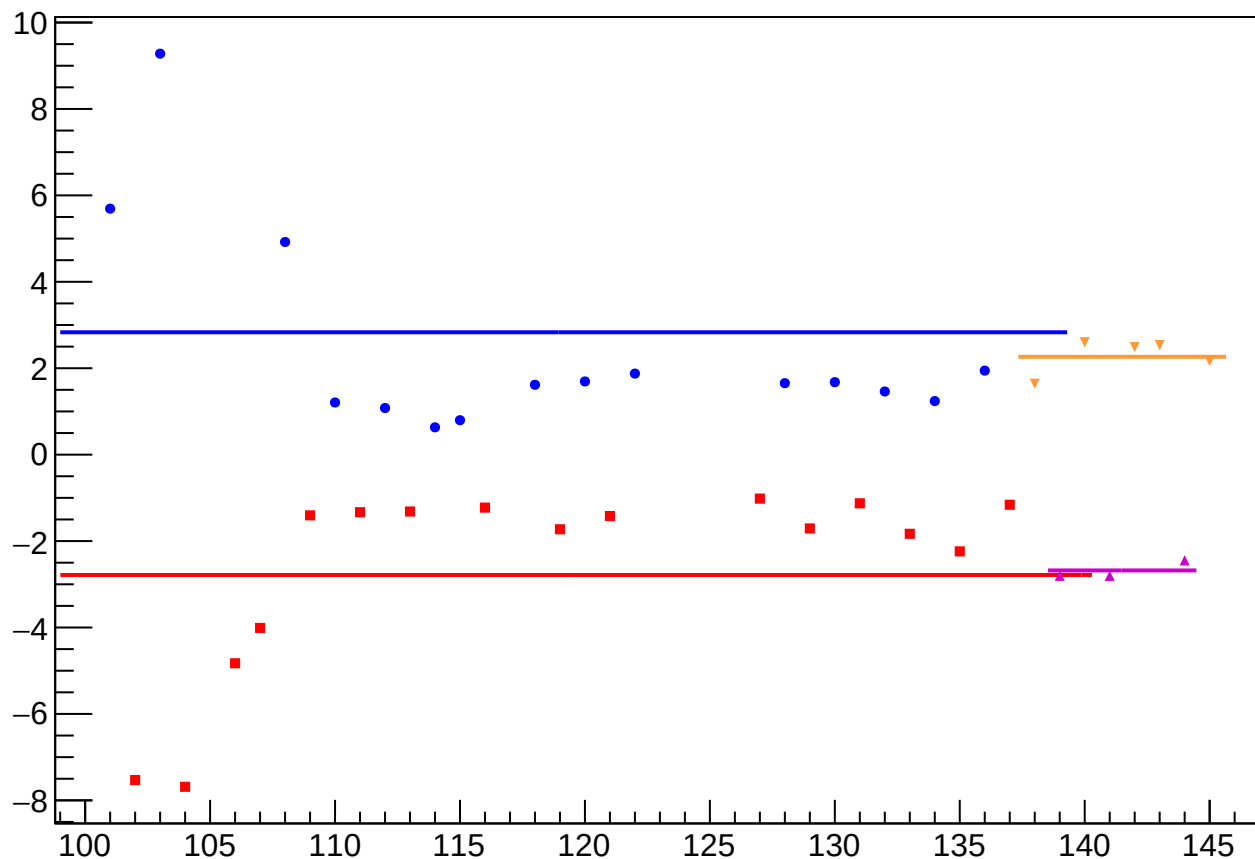
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_4eX_coil3_mean vs Slug, Sign Corrected



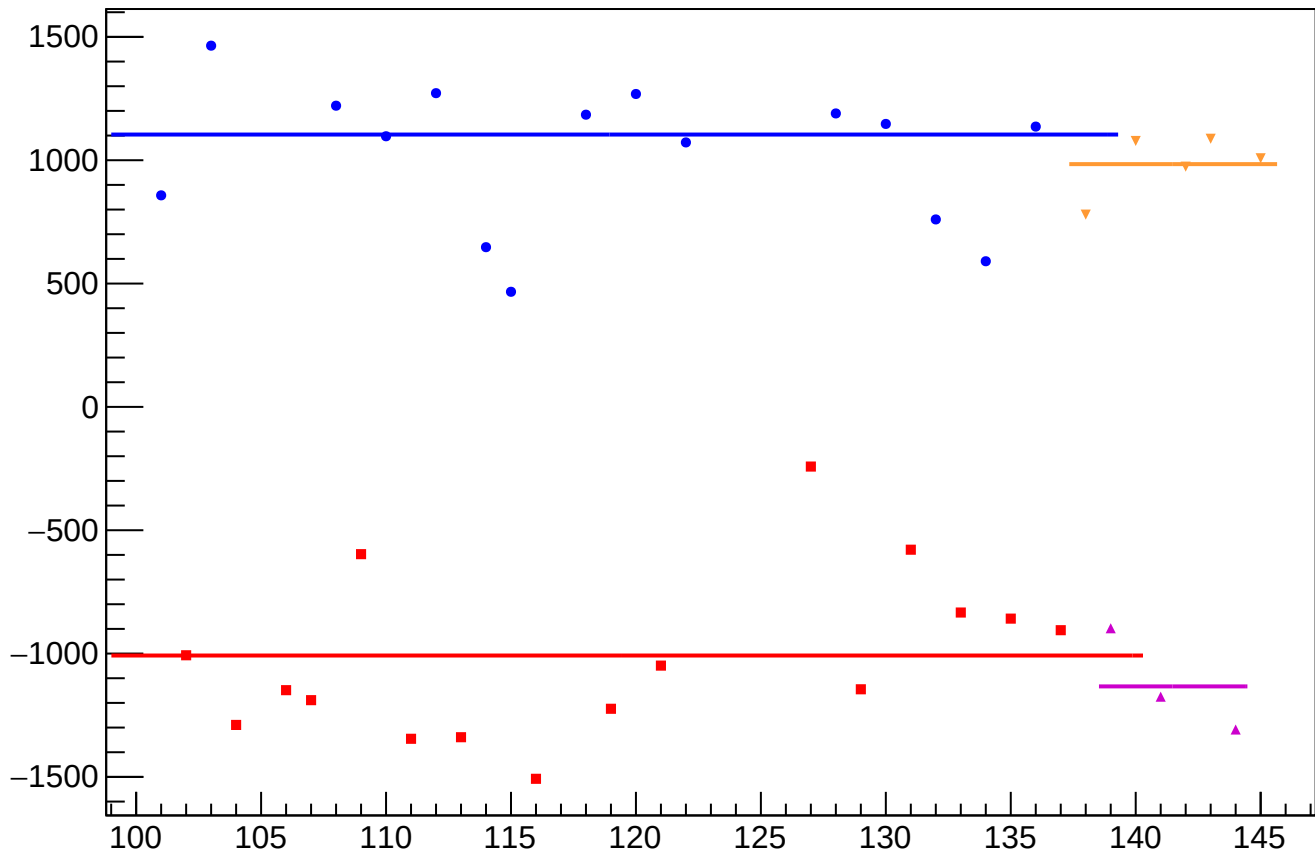
Right In: -43.289 ± 0.000 $\chi^2/\text{NDF}: 199342736778845281087197523996573696.0/14$
 Left Out: -74.837 ± 0.000 $\chi^2/\text{NDF}: 52182631644586394499840281275269120.0/4$
 Right Out: 37.832 ± 0.000 $\chi^2/\text{NDF}: 148683933977204936634636843897323520.0/15$
 Left In: 86.796 ± 0.000 $\chi^2/\text{NDF}: 11459124976866721323894983668793344.0/2$
 All: -3.640 ± 0.000 $\chi^2/\text{NDF}: 6443904649627$

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



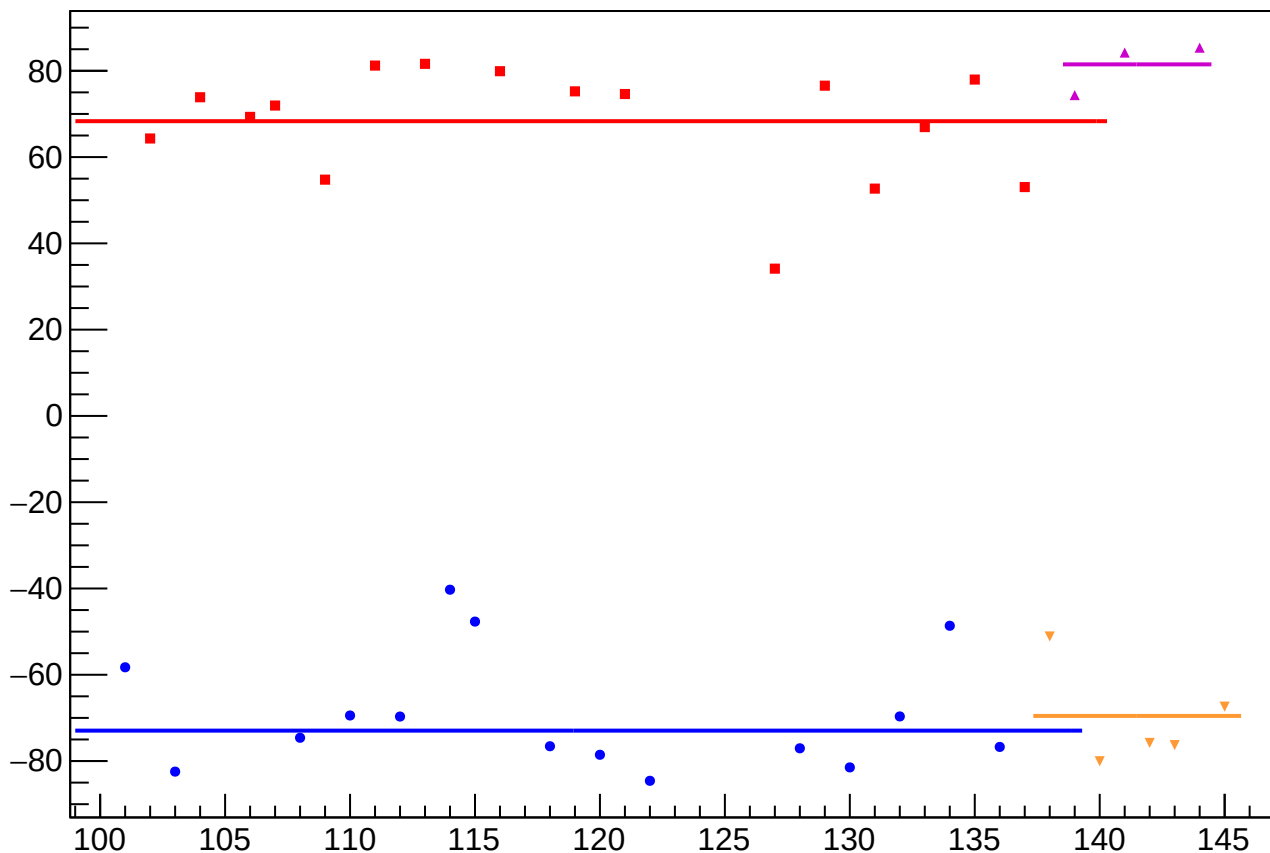
Right In: 2.832 $\pm$ 0.000 χ^2 /NDF: 3957672531929017328512564323155968.0/14
 Left Out: 2.265 $\pm$ 0.000 χ^2 /NDF: 47527217458486907723948171984896.0/4
 Right Out: -2.784 $\pm$ 0.000 χ^2 /NDF: 3589544956108116898091236897849344.0/15
 Left In: -2.679 $\pm$ 0.000 χ^2 /NDF: 7487411209604169055203036758016.0/2
 All: 0.048 $\pm$ 0.000 χ^2 /NDF: 21603564628498

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



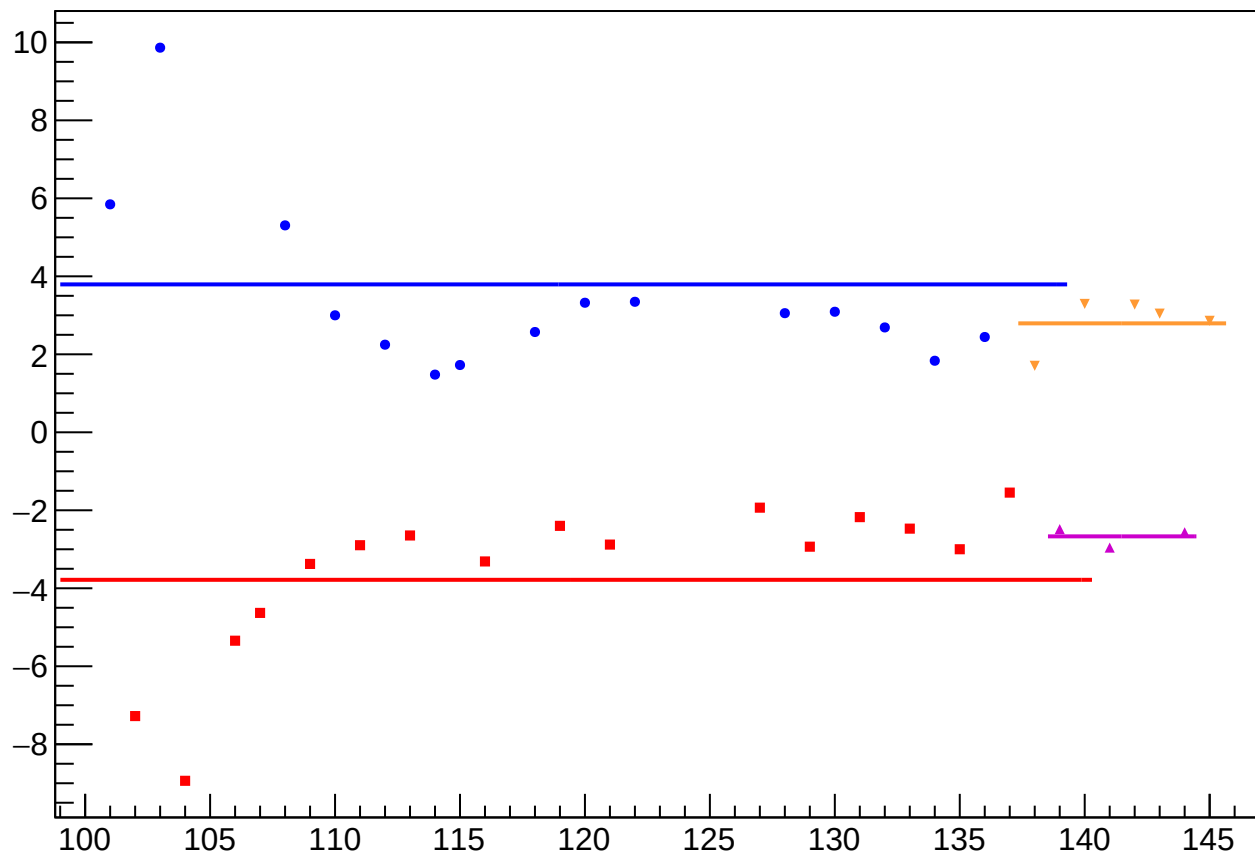
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_11X12X_coil3_mean vs Slug, Sign Corrected



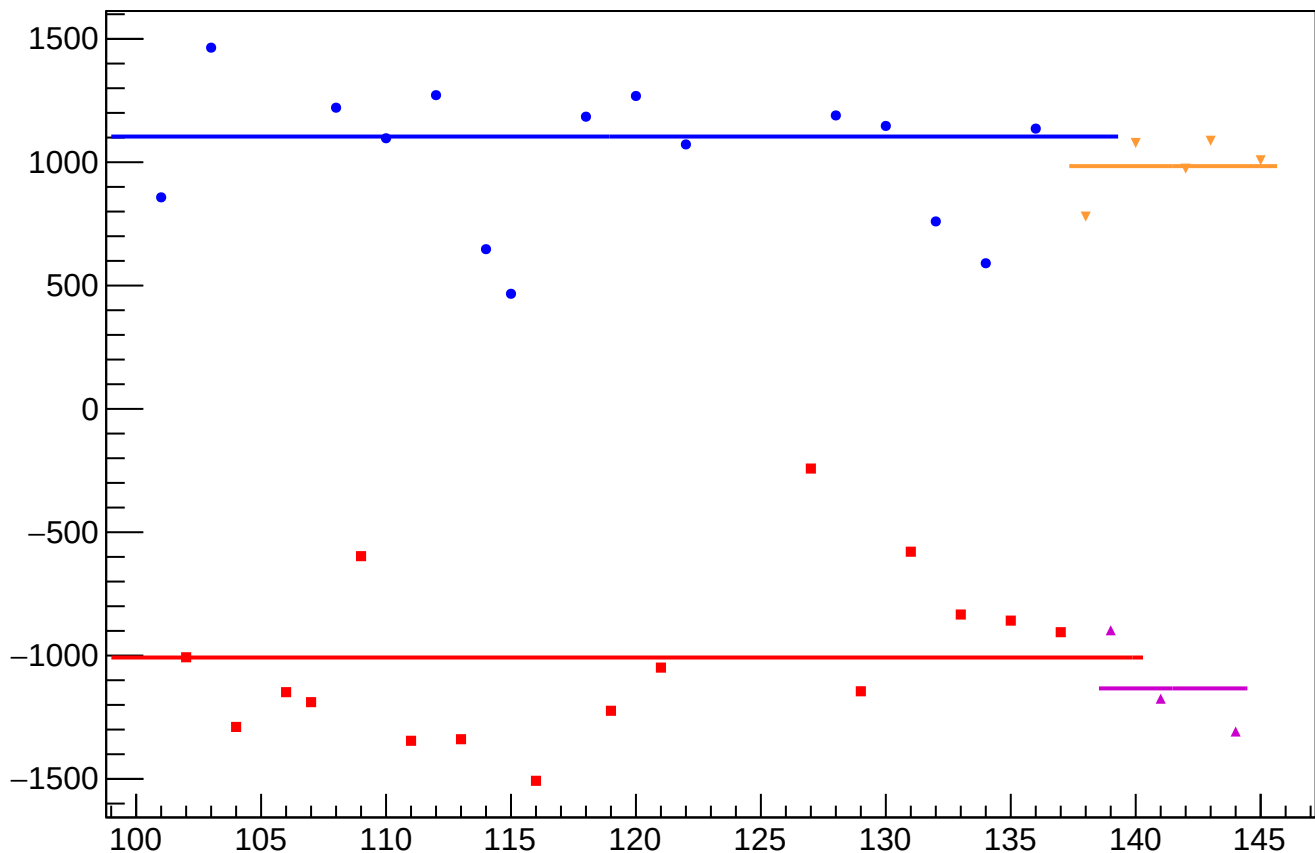
Right In: -72.949 ± 0.000 $\chi^2/\text{NDF}: 65755428464857980306879126291087360.0/14$
 Left Out: -69.540 ± 0.000 $\chi^2/\text{NDF}: 40733945913252628721441158859849728.0/4$
 Right Out: 68.324 ± 0.000 $\chi^2/\text{NDF}: 106694344898202364483367131372584960.0/15$
 Left In: 81.492 ± 0.000 $\chi^2/\text{NDF}: 6082224586466231959034941302374400.0/2$
 All: -2.810 ± 0.000 $\chi^2/\text{NDF}: 1016224295011$

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



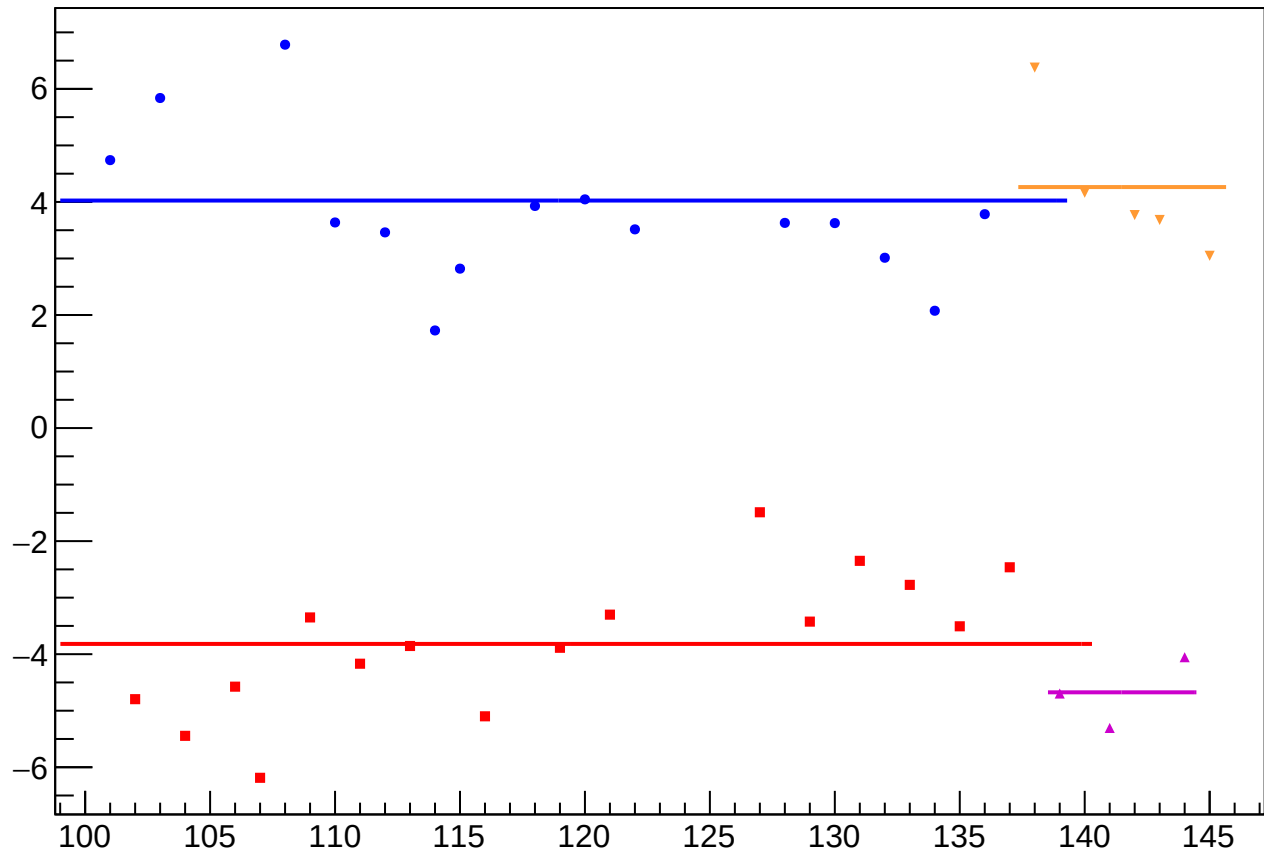
Right In: 3.793 +/- 0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.793 +/- 0.000 χ^2/NDF : 127954642732830478768743238336512.0/4
 Right Out: -3.783 +/- 0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: -2.669 +/- 0.000 χ^2/NDF : 10831644263831581054405852528640.0/2
 All: 0.124 +/- 0.000 χ^2/NDF : 29631376664222

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



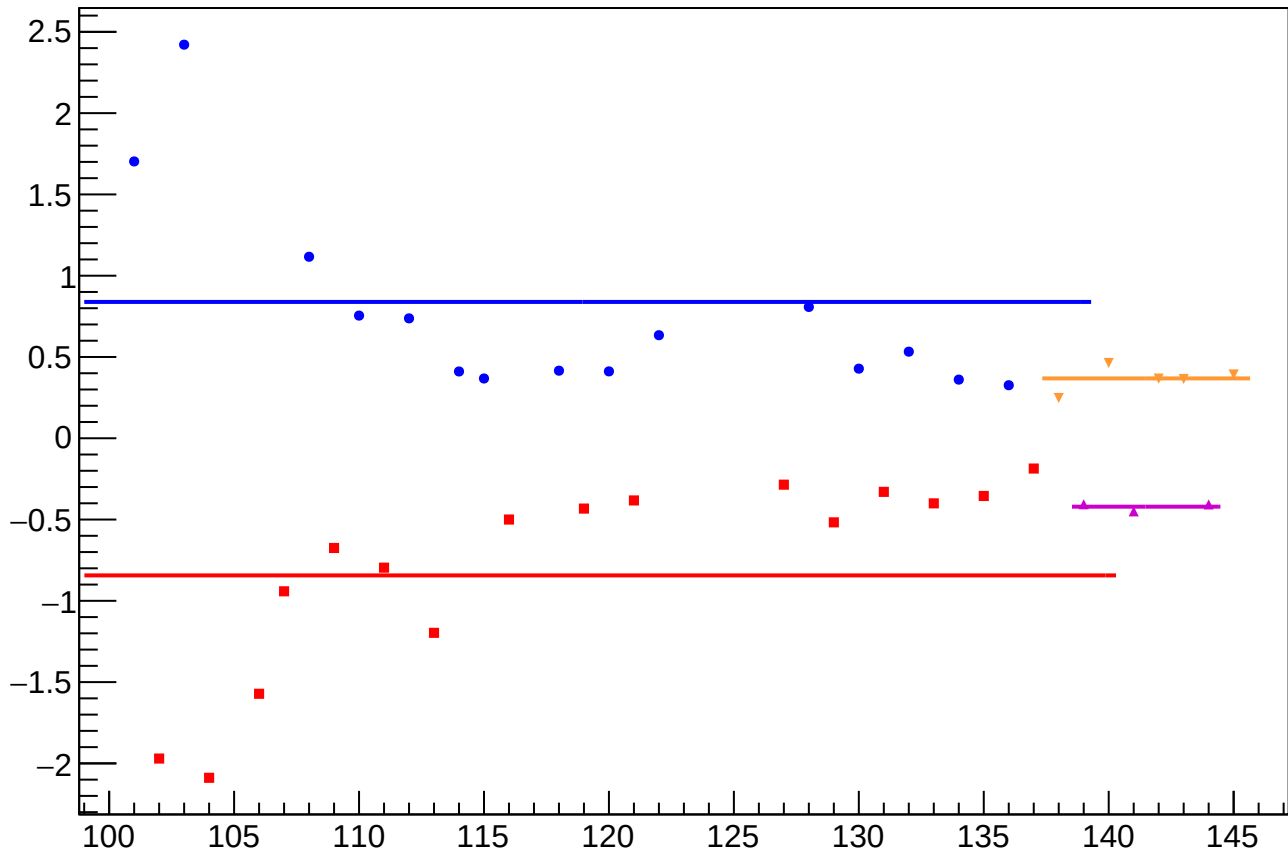
Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: 93.241+/-0.000	χ^2/NDF : 67424438105734217
Left Out: 984.188+/-0.000	χ^2/NDF : 4748580512523231124765343613372596224.0/4	Right: 33.659+/-0.000	χ^2/NDF : 1569083056347410
Right Out: -1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	In: 473.033+/-0.000	χ^2/NDF : 95640554189316624
Left In: -1133.122+/-0.000	χ^2/NDF : 7365584540853331592808282192913367040.0/2	Out: -321.044+/-0.000	χ^2/NDF : 986477270893983
		All: 52.445+/-0.000	χ^2/NDF : 2244800451425

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: 0.502 +/- 0.000 χ^2/NDF : 123660351089027841
 Right: 0.050 +/- 0.000 χ^2/NDF : 21892754887879739
 In: 1.571 +/- 0.000 χ^2/NDF : 1469241322456915418
 Out: -1.032 +/- 0.000 χ^2/NDF : 16407736832632593
 All: 0.192 +/- 0.000 χ^2/NDF : 34343827189056

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.839 +/- 0.000

χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.368 +/- 0.000

χ^2/NDF : 1918416132062320982623608897536.0/4

Right Out: -0.844 +/- 0.000

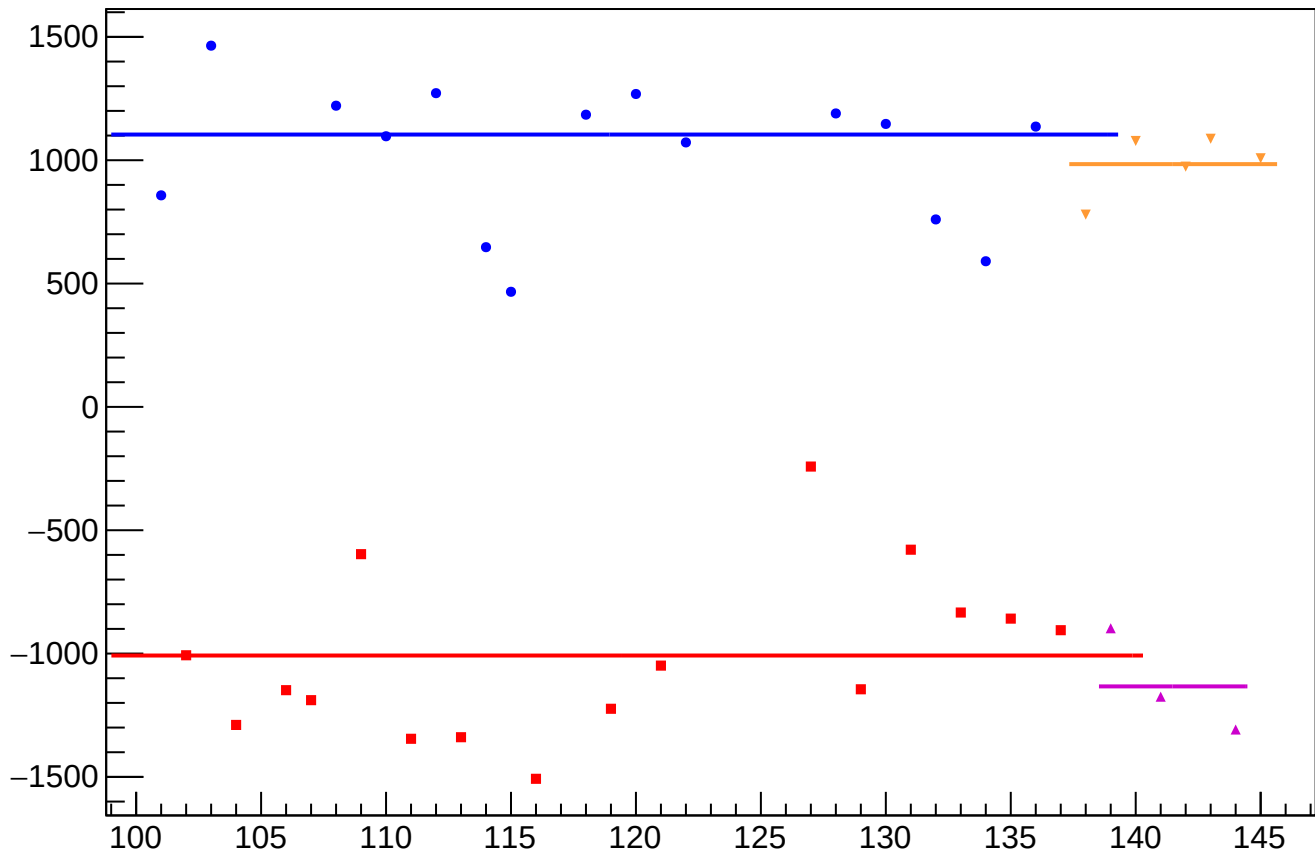
χ^2/NDF : 252917509393432760240648918925312.0/15

Left In: -0.421 +/- 0.000

χ^2/NDF : 105063295837015833123747790848.0/2

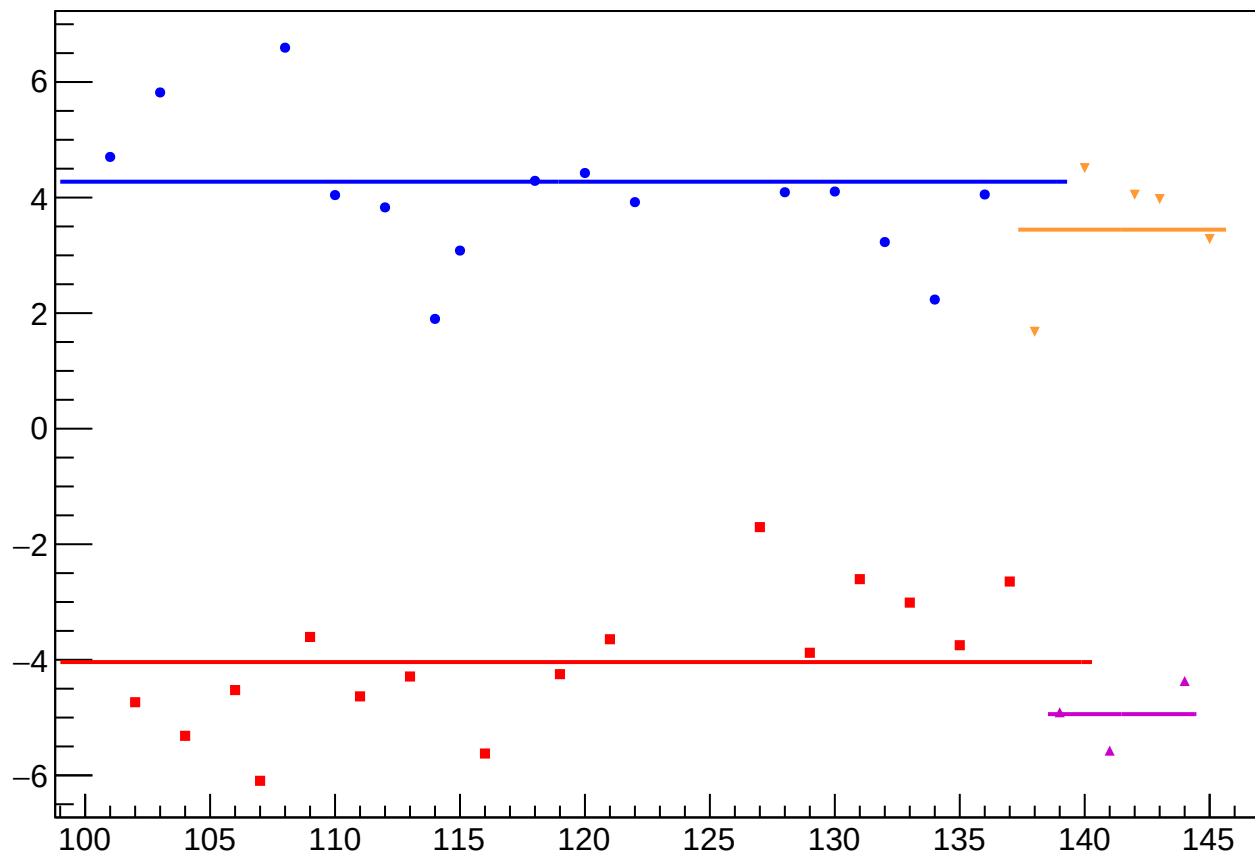
All: 0.002 +/- 0.000 χ^2/NDF : 15372251402324

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



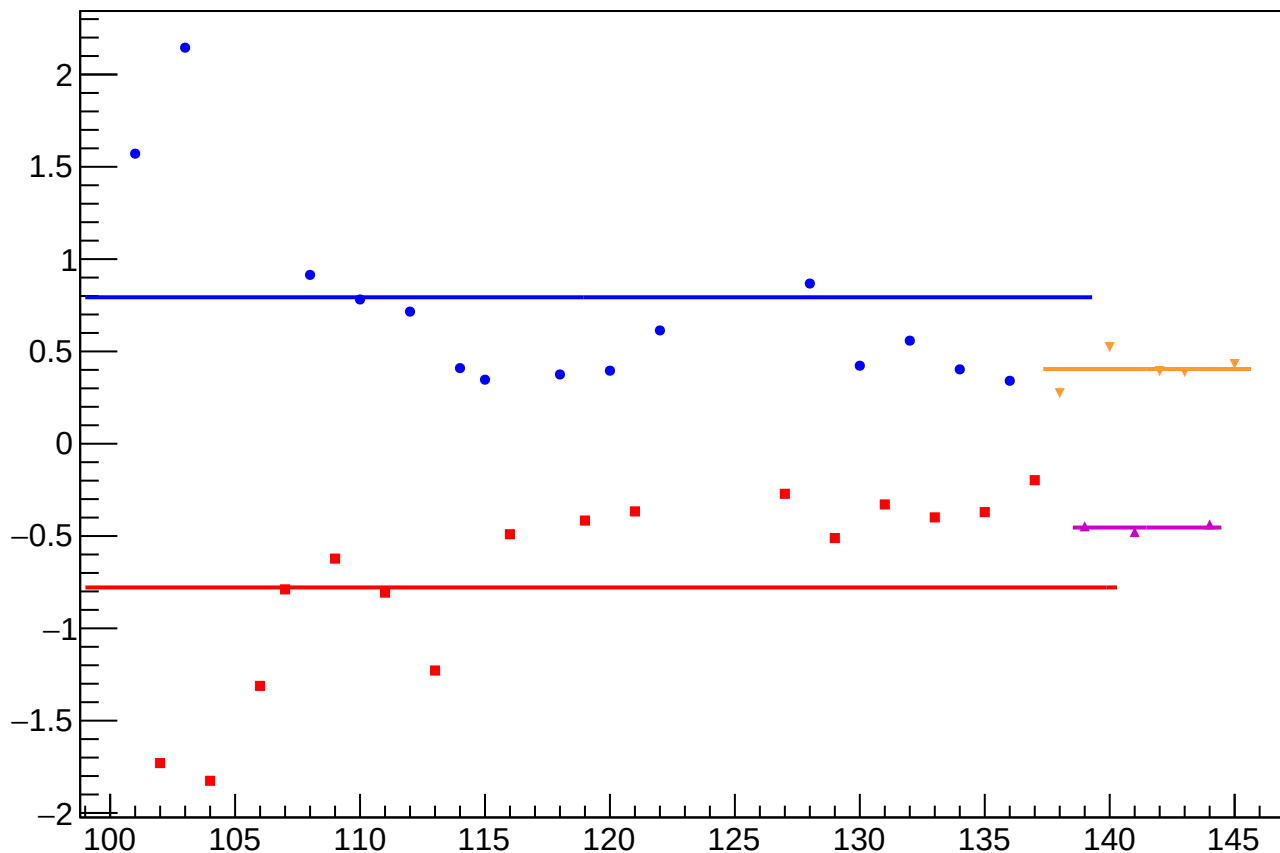
Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: 93.241+/-0.000	χ^2/NDF : 67424438105734217
Left Out: 984.188+/-0.000	χ^2/NDF : 4748580512523231124765343613372596224.0/4	Right: 33.659+/-0.000	χ^2/NDF : 1569083056347410
Right Out: -1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	In: 473.033+/-0.000	χ^2/NDF : 95640554189316624
Left In: -1133.122+/-0.000	χ^2/NDF : 7365584540853331592808282192913367040.0/2	Out: -321.044+/-0.000	χ^2/NDF : 986477270893983
		All: 52.445+/-0.000	χ^2/NDF : 2244800451425

dit_4eY_coil3_mean vs Slug, Sign Corrected



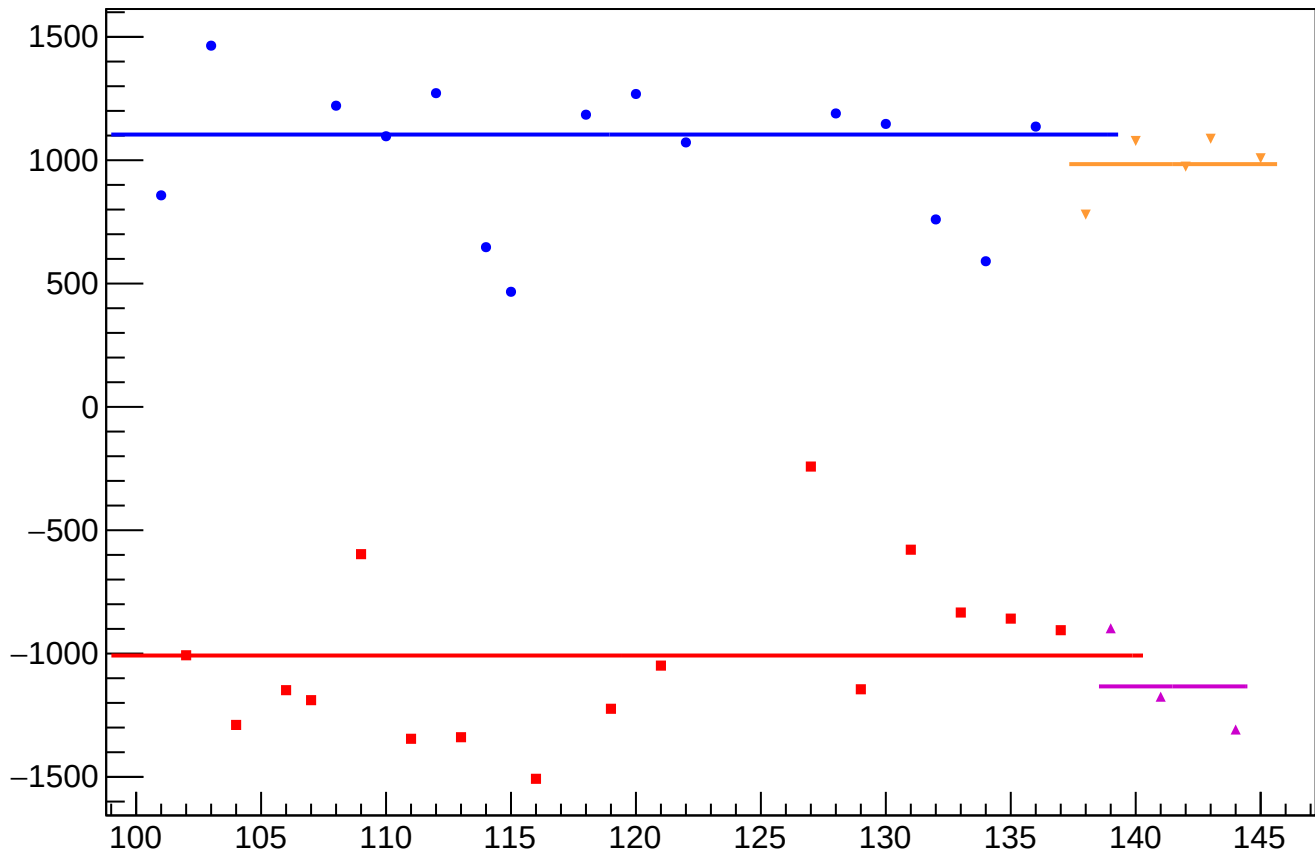
Right In: 4.275 ± 0.000 $\chi^2/\text{NDF}: 597188707898198851792415435522048.0/14$
 Left Out: 3.445 ± 0.000 $\chi^2/\text{NDF}: 374427287368933192281042773344256.0/4$
 Right Out: -4.039 ± 0.000 $\chi^2/\text{NDF}: 772368848194464324973108765130752.0/15$
 Left In: -4.940 ± 0.000 $\chi^2/\text{NDF}: 63296389771153483076531784777728.0/2$
 All: 0.015 ± 0.000 $\chi^2/\text{NDF}: 34939726799587$

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



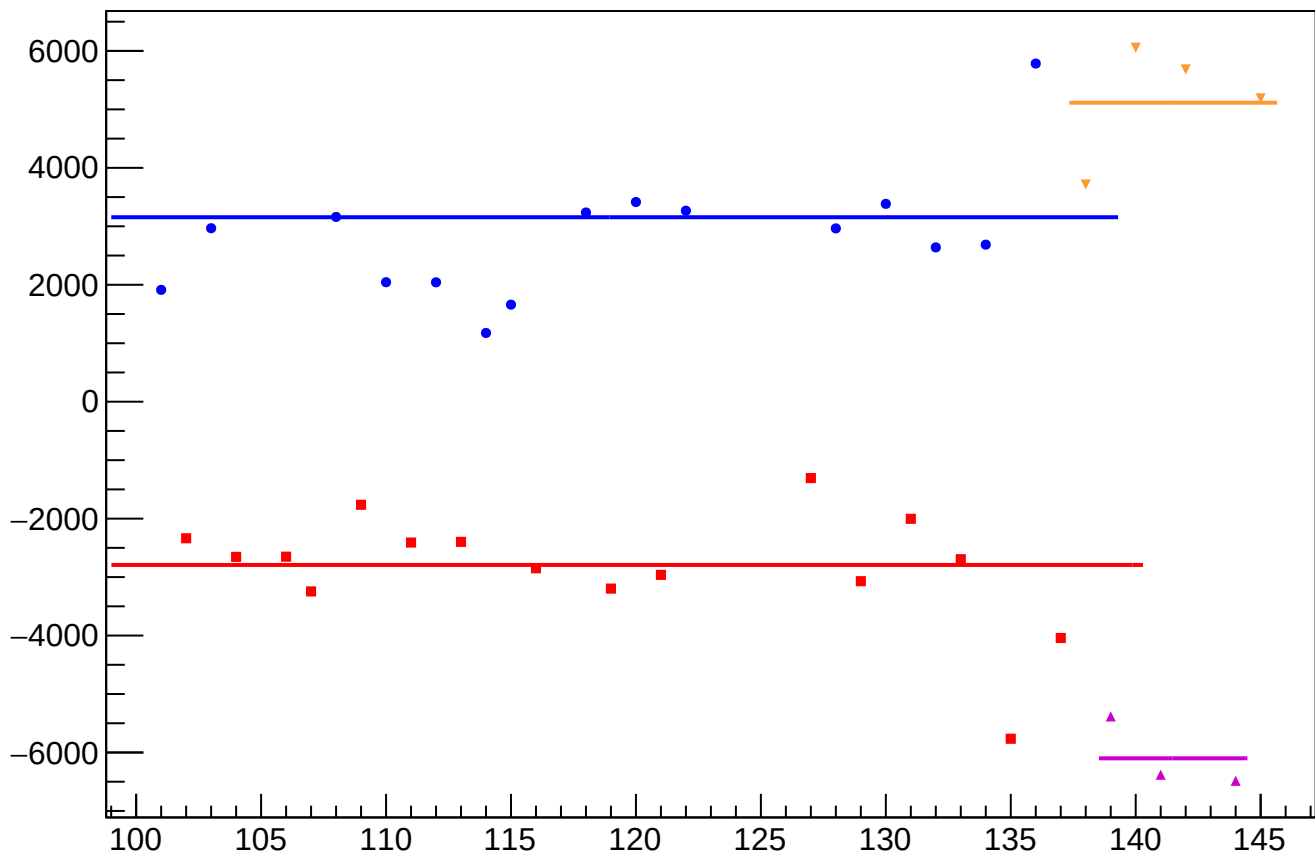
Right In: 0.793 +/- 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.405 +/- 0.000 χ^2/NDF : 2581515730087302087088978001920.0/4
 Right Out: -0.778 +/- 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: -0.454 +/- 0.000 χ^2/NDF : 79544892945357800452544004096.0/2
 All: 0.011 +/- 0.000 χ^2/NDF : 13063121225030.0/14

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



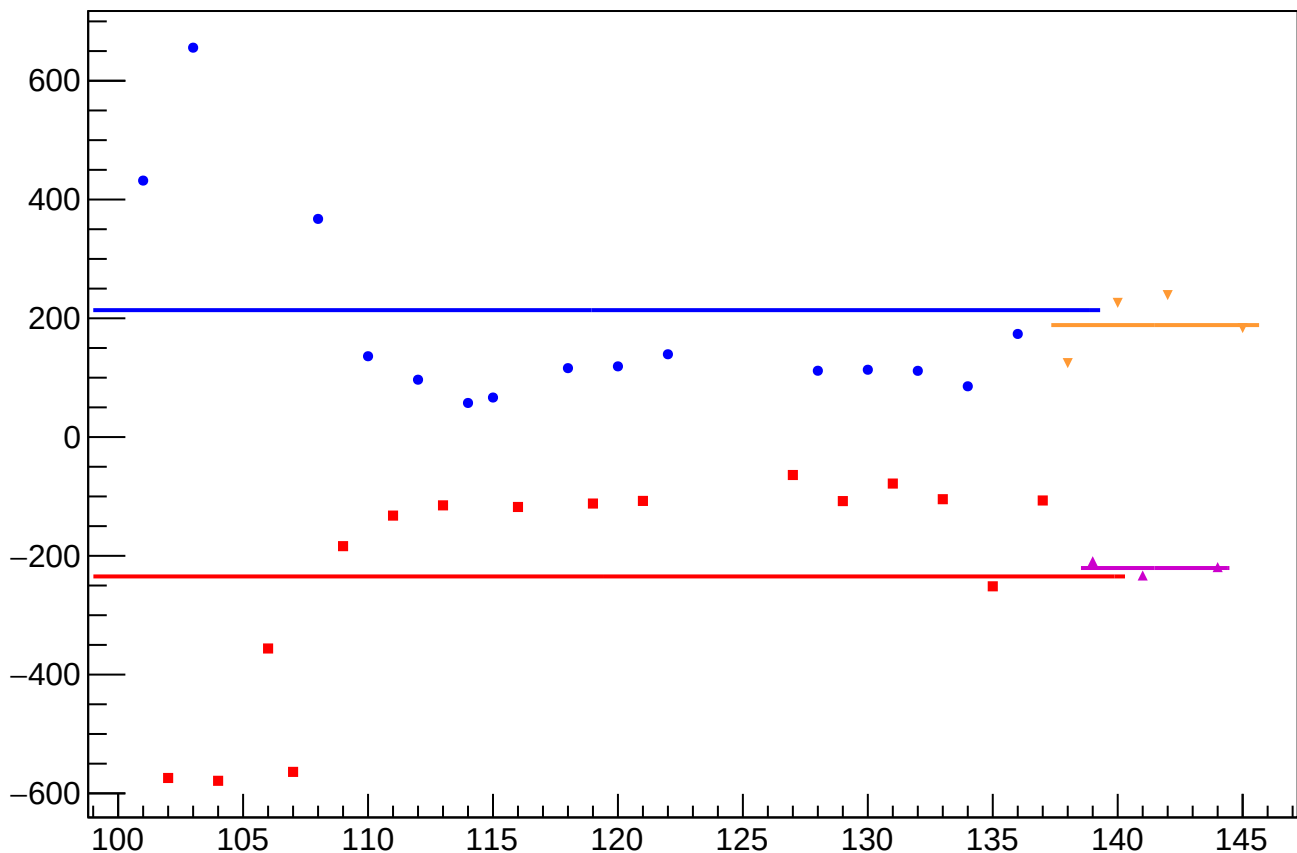
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_usl_coil3_mean vs Slug, Sign Corrected



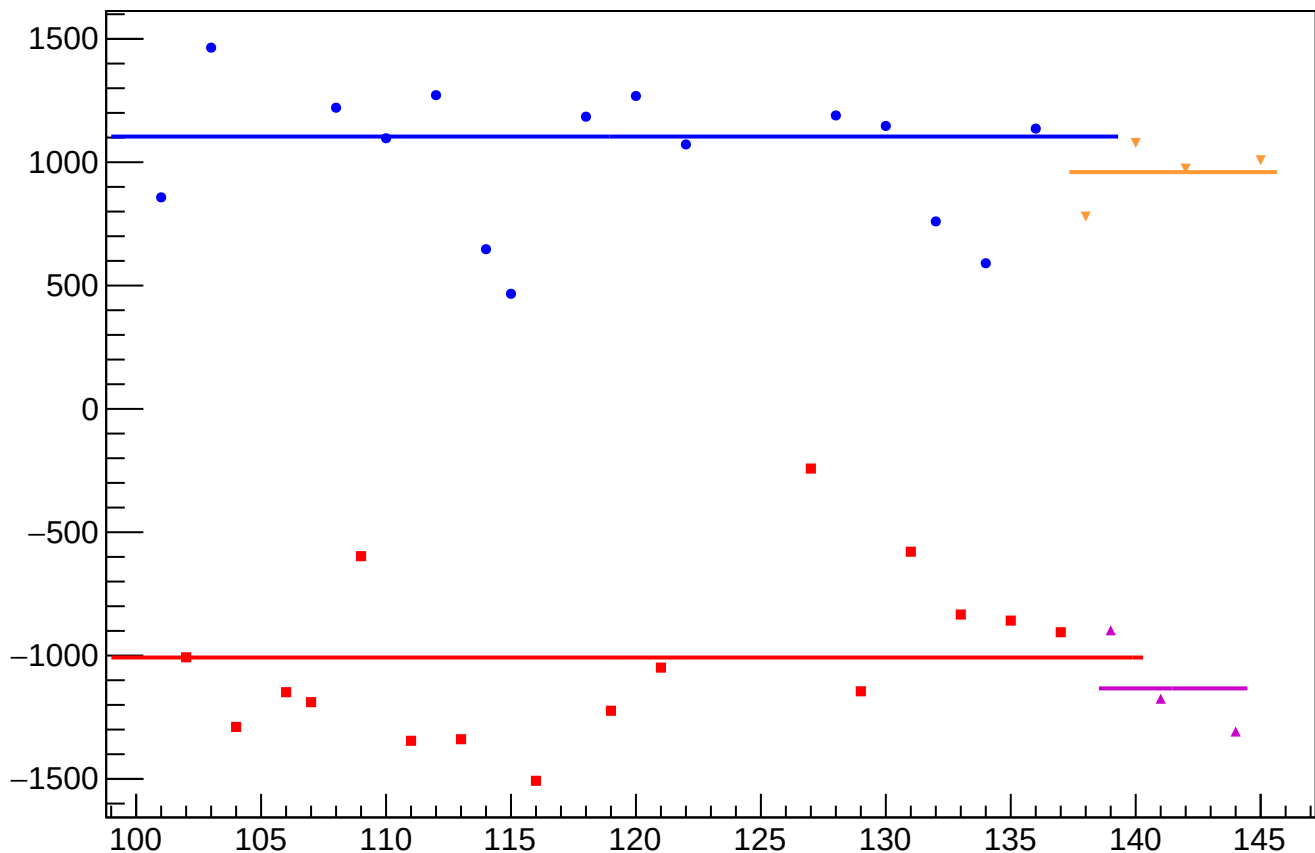
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 5114.649+/-0.000 χ^2/NDF : 240699134027933315565876040987094024192.0/3
 Right Out: -2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: -6099.863+/-0.000 χ^2/NDF : 61487649782263468214130912491875598336.0/2
 All: 44.498+/-0.000 χ^2/NDF : 3045645469712

dit_usl_coil3_err_mean vs Slug, Sign Corrected



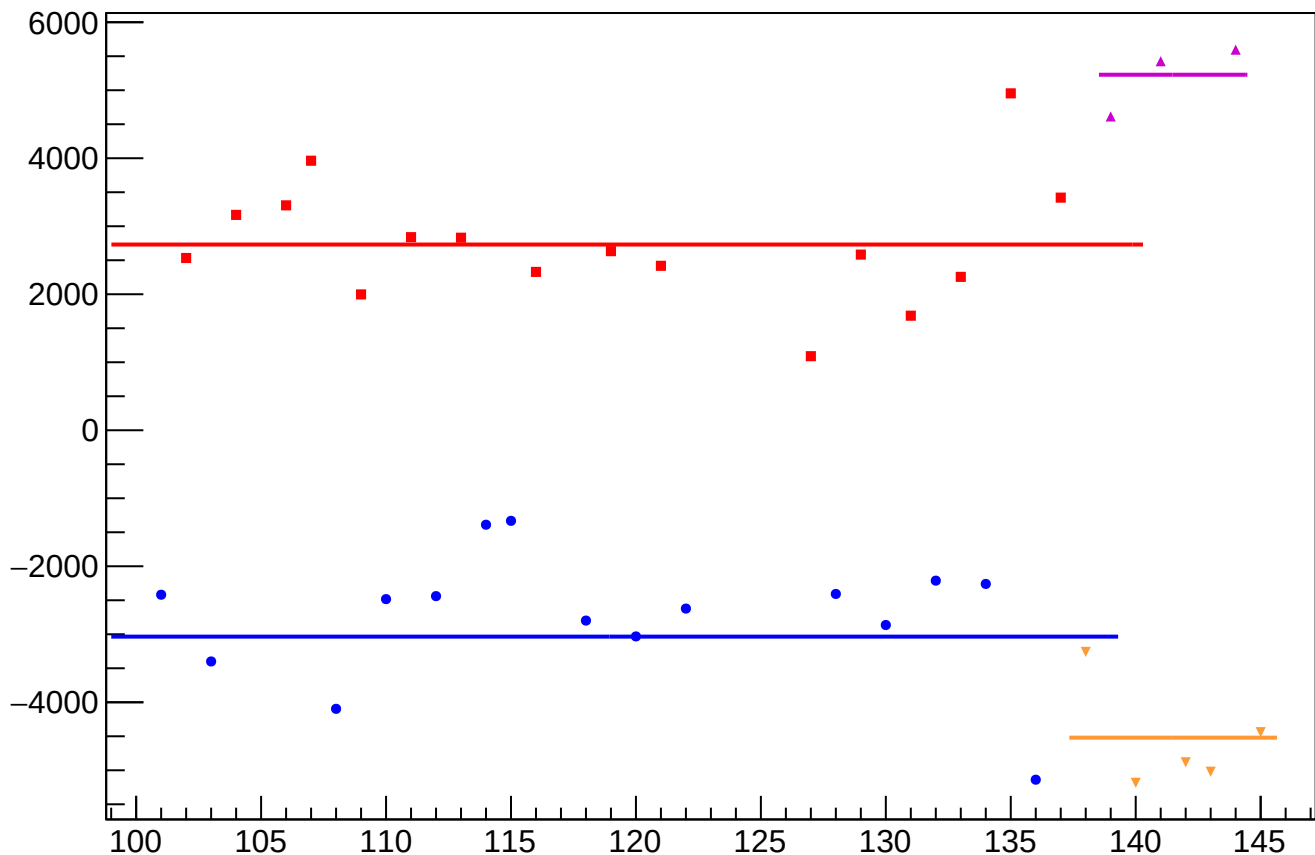
Right In: 213.739 +/- 0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 188.575 +/- 0.000 χ^2/NDF : 553993984439376777176597247800901632.0/3
 Right Out: -234.712 +/- 0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: -220.527 +/- 0.000 χ^2/NDF : 24276702648851162069893258227482624.0/2
 All: -11.060 +/- 0.000 χ^2/NDF : 132977187925

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 959.919+/-0.000 χ^2/NDF : 3872275821297617654154778519168614400.0/3
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 15.076+/-0.000 χ^2/NDF : 2170491404815

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527+/-0.000

Left Out: -4520.262+/-0.000

Right Out: 2731.035+/-0.000

Left In: 5227.843+/-0.000

Left: -418.337+/-0.000 χ^2/NDF : 142645795740459

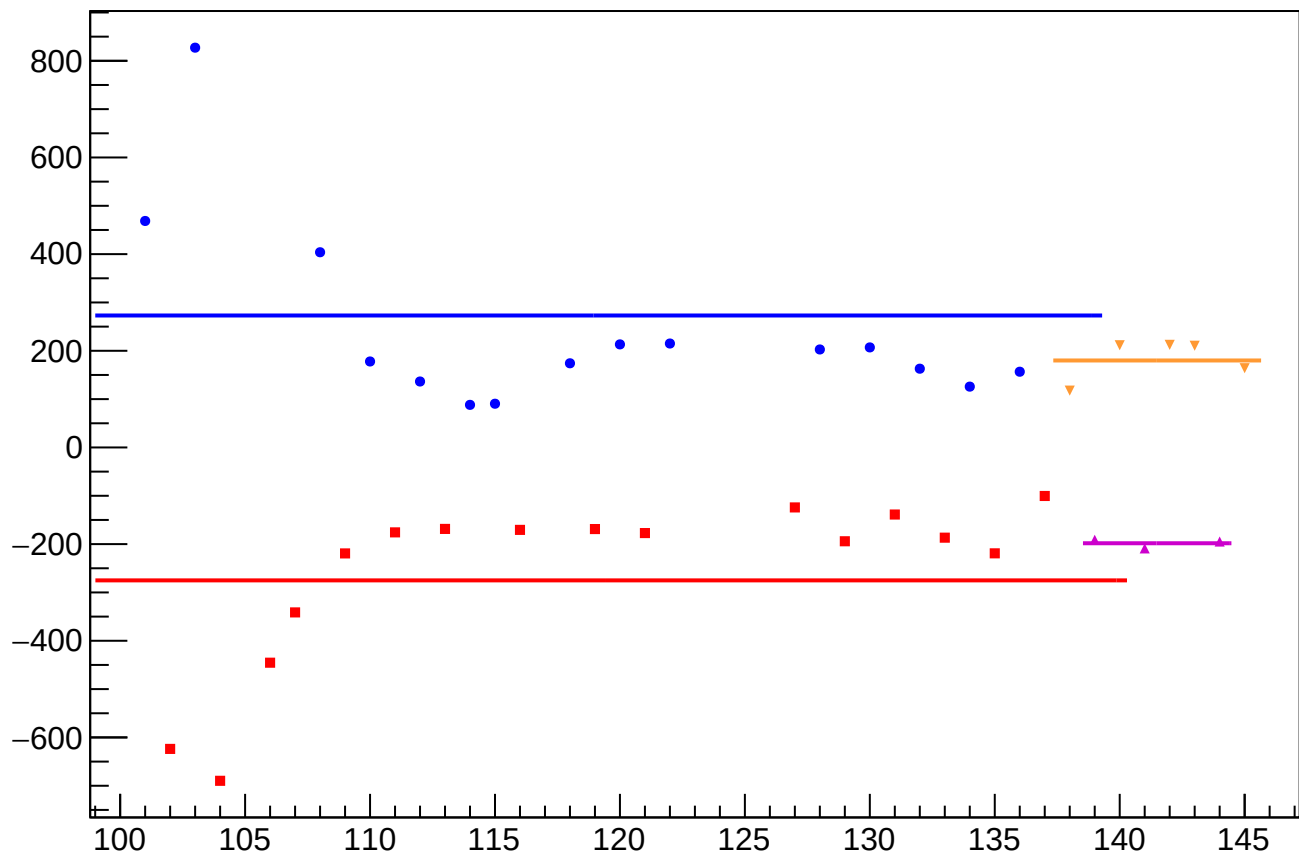
Right: -112.316+/-0.000 χ^2/NDF : 12093460154256

In: -703.881+/-0.000 χ^2/NDF : 1317420724266185

Out: 230.833+/-0.000 χ^2/NDF : 1280435900604383

All: -208.804+/-0.000 χ^2/NDF : 26396897458

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 273.039+/-0.000

χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 179.969+/-0.000

χ^2/NDF : 515318713427341408889937034175578112.0/4

Right Out: -275.044+/-0.000

χ^2/NDF : 22264760088752901792561892991657050112.0/15

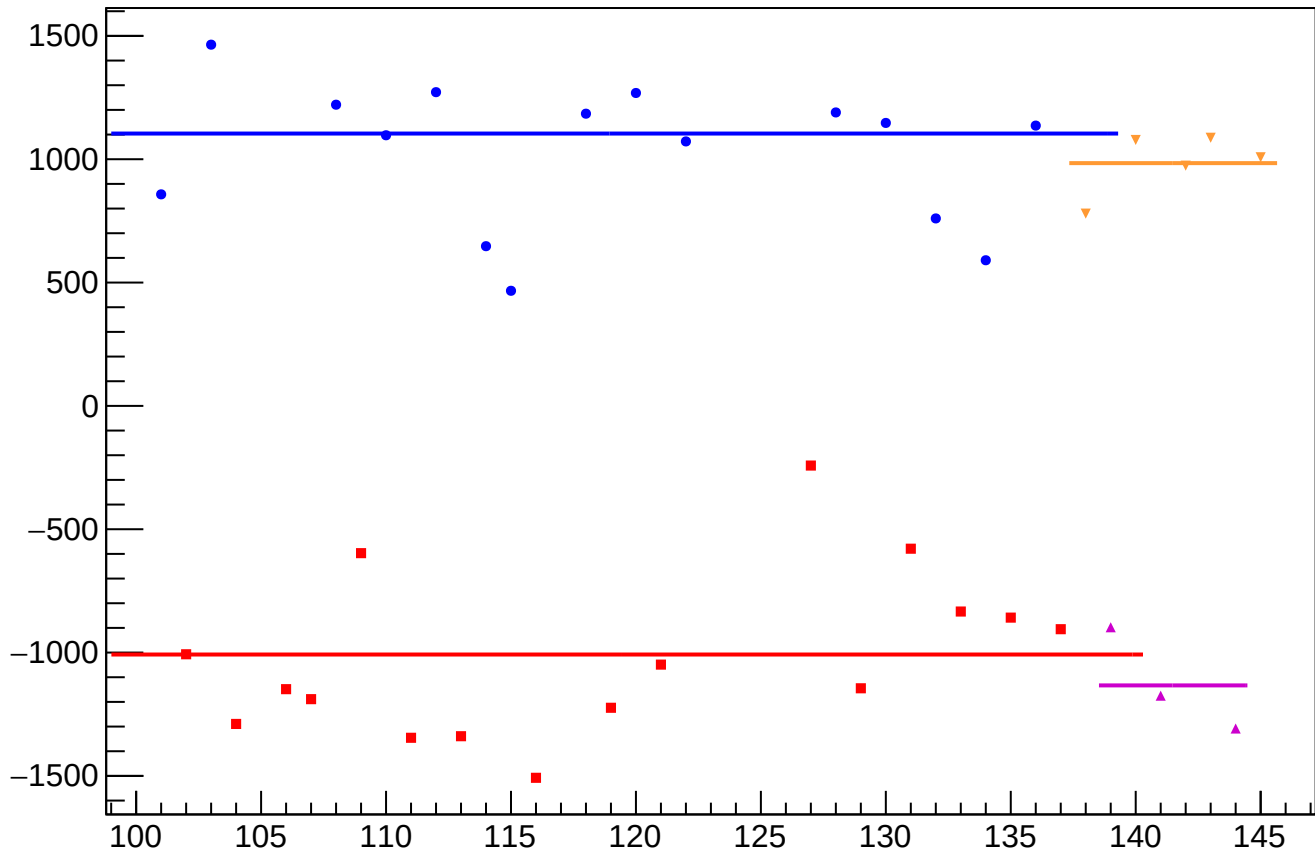
Left In: -198.228+/-0.000

χ^2/NDF : 15016232479391288333601311861768192.0/2

All: 3.314+/-0.000

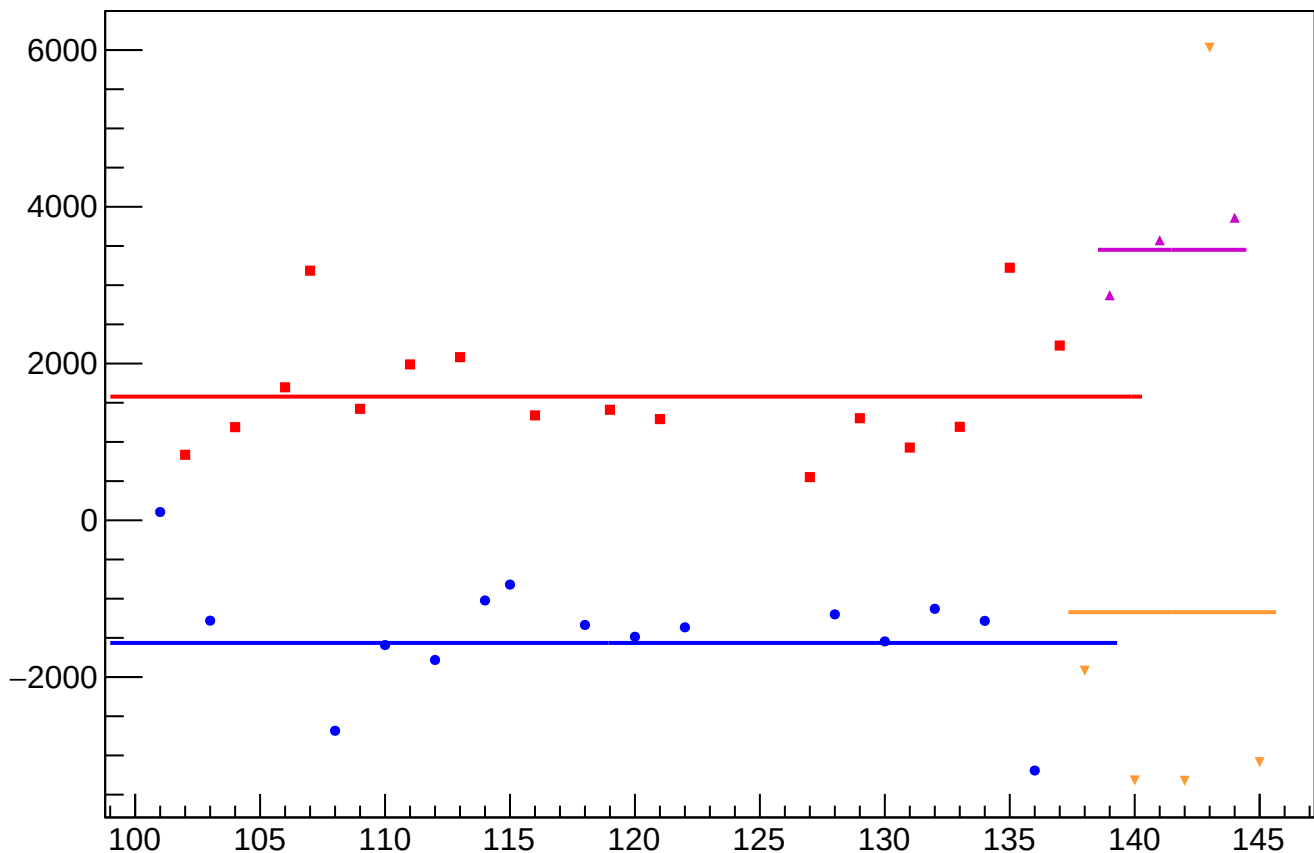
χ^2/NDF : 16948932759431

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: 93.241+/-0.000	χ^2/NDF : 67424438105734217
Left Out: 984.188+/-0.000	χ^2/NDF : 4748580512523231124765343613372596224.0/4	Right: 33.659+/-0.000	χ^2/NDF : 1569083056347410
Right Out: -1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	In: 473.033+/-0.000	χ^2/NDF : 95640554189316624
Left In: -1133.122+/-0.000	χ^2/NDF : 7365584540853331592808282192913367040.0/2	Out: -321.044+/-0.000	χ^2/NDF : 986477270893983
		All: 52.445+/-0.000	χ^2/NDF : 2244800451425

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000

Left Out: -1172.183+/-0.000

Right Out: 1578.178+/-0.000

Left In: 3451.219+/-0.000

χ^2/NDF : 483874800978571042578975757029039144960.0/14

χ^2/NDF : 4395876073020168147164935770027860164608.0/4

χ^2/NDF : 368450572556217564071963203581098590208.0/15

χ^2/NDF : 43435661866063729938716289206652502016.0/2

Left: 773.308+/-0.000 χ^2/NDF : 7596482355552106

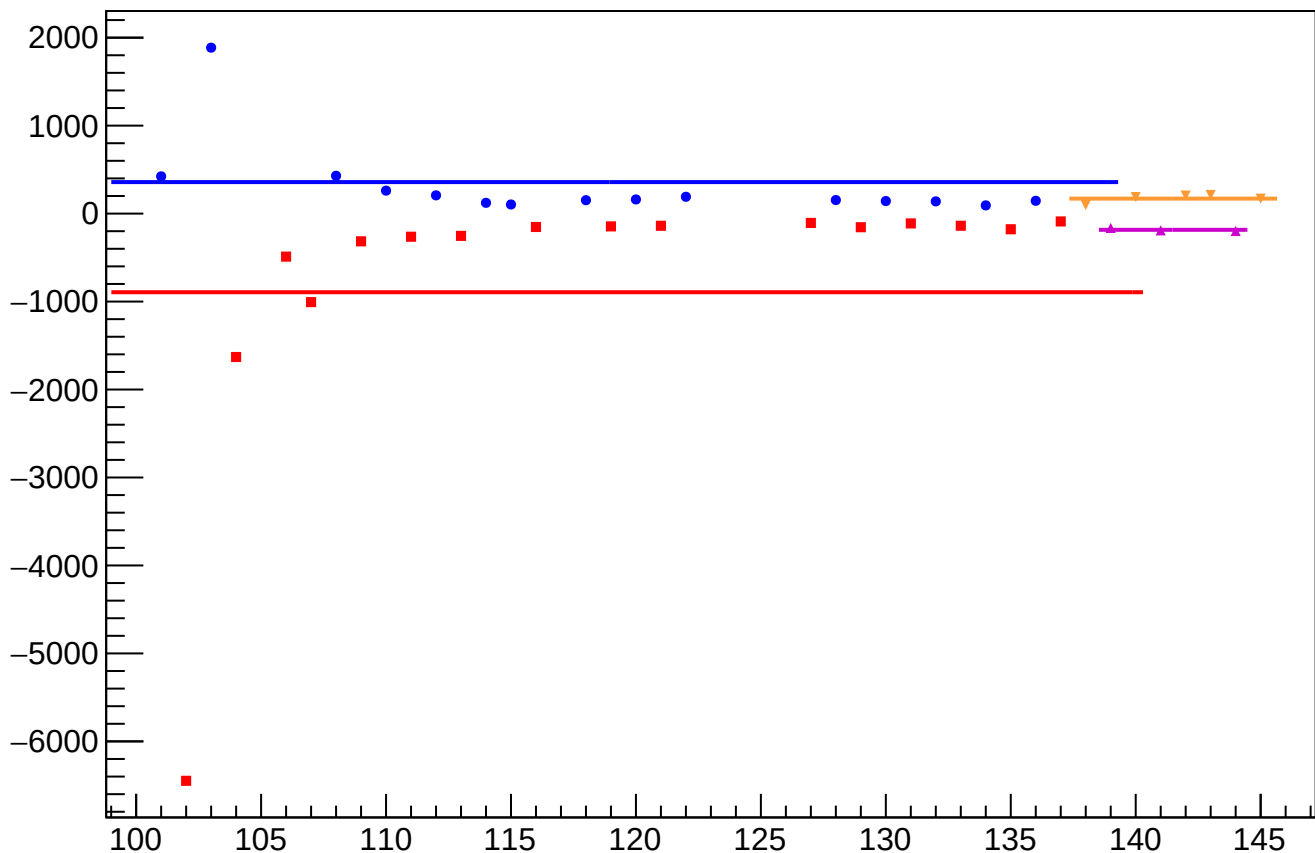
Right: 28.285+/-0.000 χ^2/NDF : 4101258280925694

In: -149.736+/-0.000 χ^2/NDF : 5133049407777049

Out: 629.871+/-0.000 χ^2/NDF : 6503988044281369

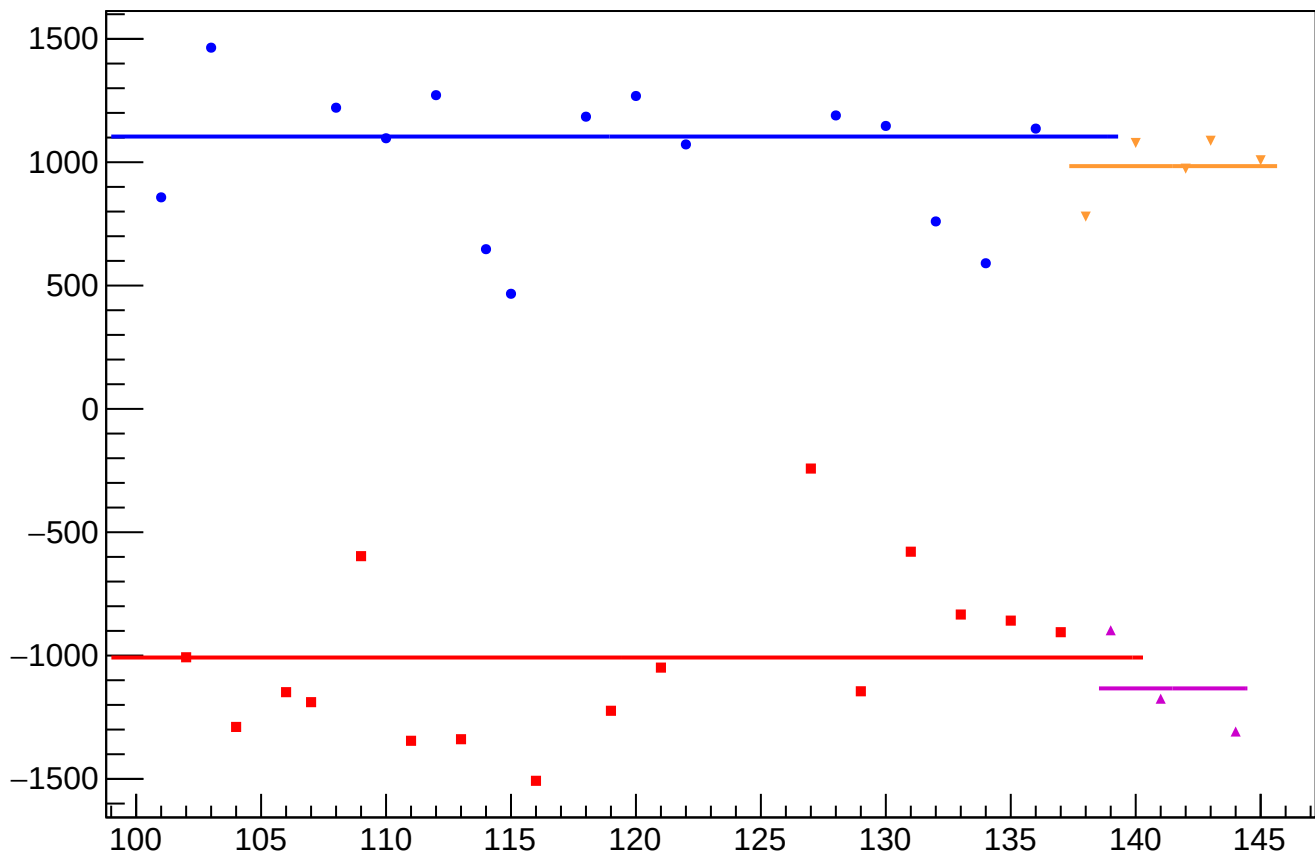
All: 263.188+/-0.000 χ^2/NDF : 119280516053

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



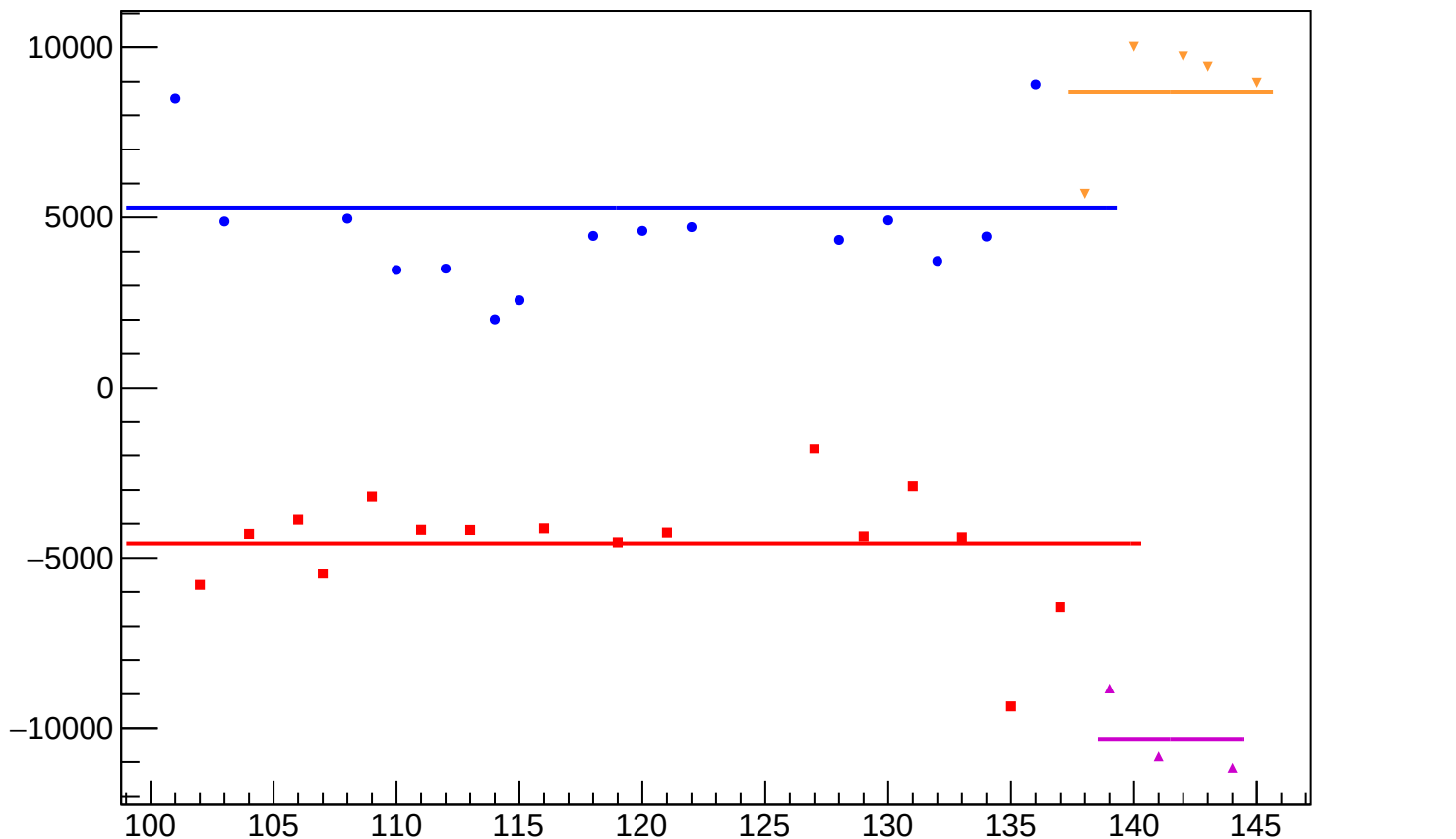
Left: 21.017 +/- 0.000 χ^2/NDF : 19254102059520489
 Right: -276.471 +/- 0.000 χ^2/NDF : 27494361834519
 In: 205.039 +/- 0.000 χ^2/NDF : 21186613107063650
 Out: -526.969 +/- 0.000 χ^2/NDF : 233698132609999
 All: -182.674 +/- 0.000 χ^2/NDF : 28054111878

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



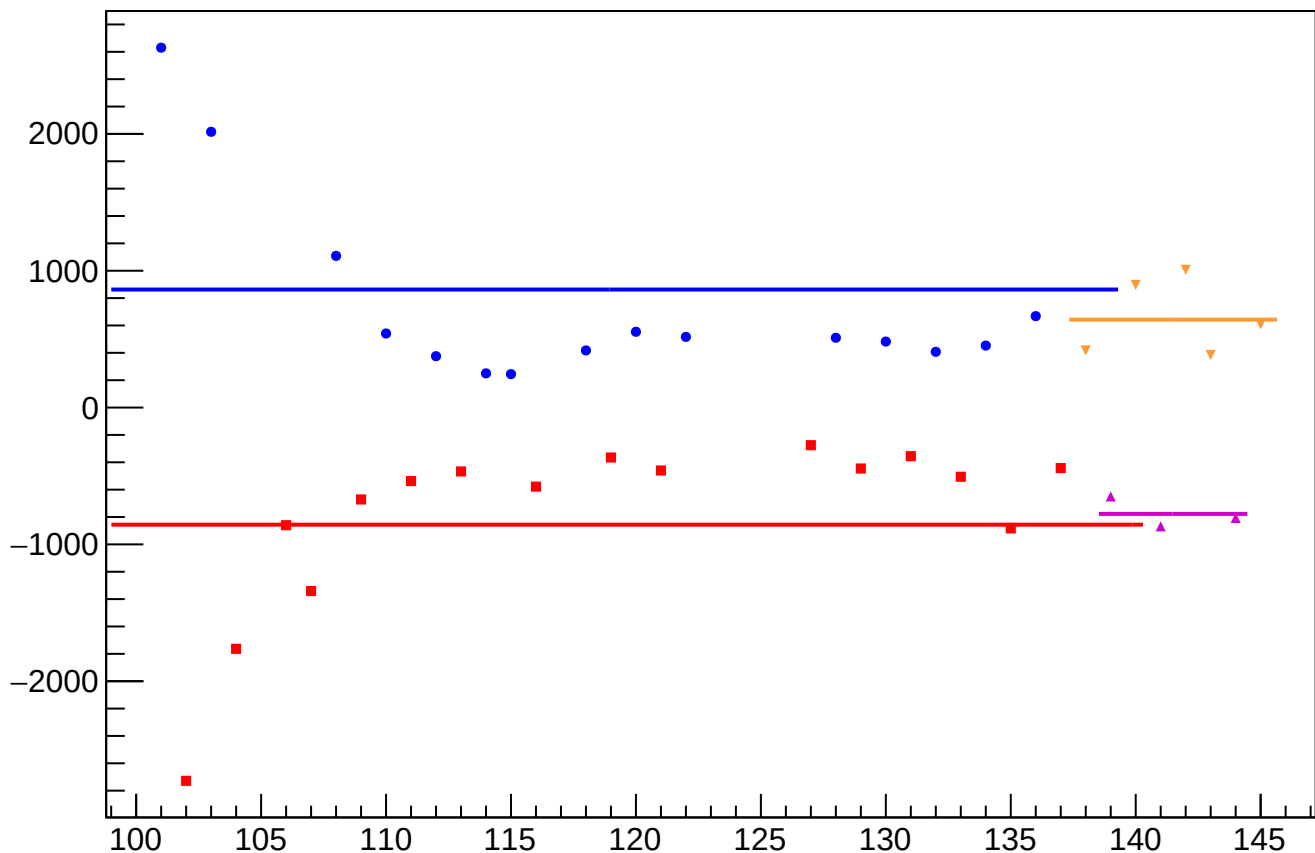
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 8675.136+/-0.000 χ^2/NDF : 933585993206159955166698960598461317120.0/4
 Right Out: -4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: -10315.858+/-0.000 χ^2/NDF : 265750840232418679720145914223617114112.0/2
 All: 415.970+/-0.000 χ^2/NDF : 90949346633.0/1

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 862.683+/-0.000

χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 642.716+/-0.000

χ^2/NDF : 19882904257662490554353177438783012864.0/4

Right Out: -856.059+/-0.000

χ^2/NDF : 327195216546444767148716224688288694272.0/15

Left In: -777.302+/-0.000

χ^2/NDF : 2103706258136864462788887698915459072.0/2

Left: 45.184+/-0.000 χ^2/NDF : 31981272458045553

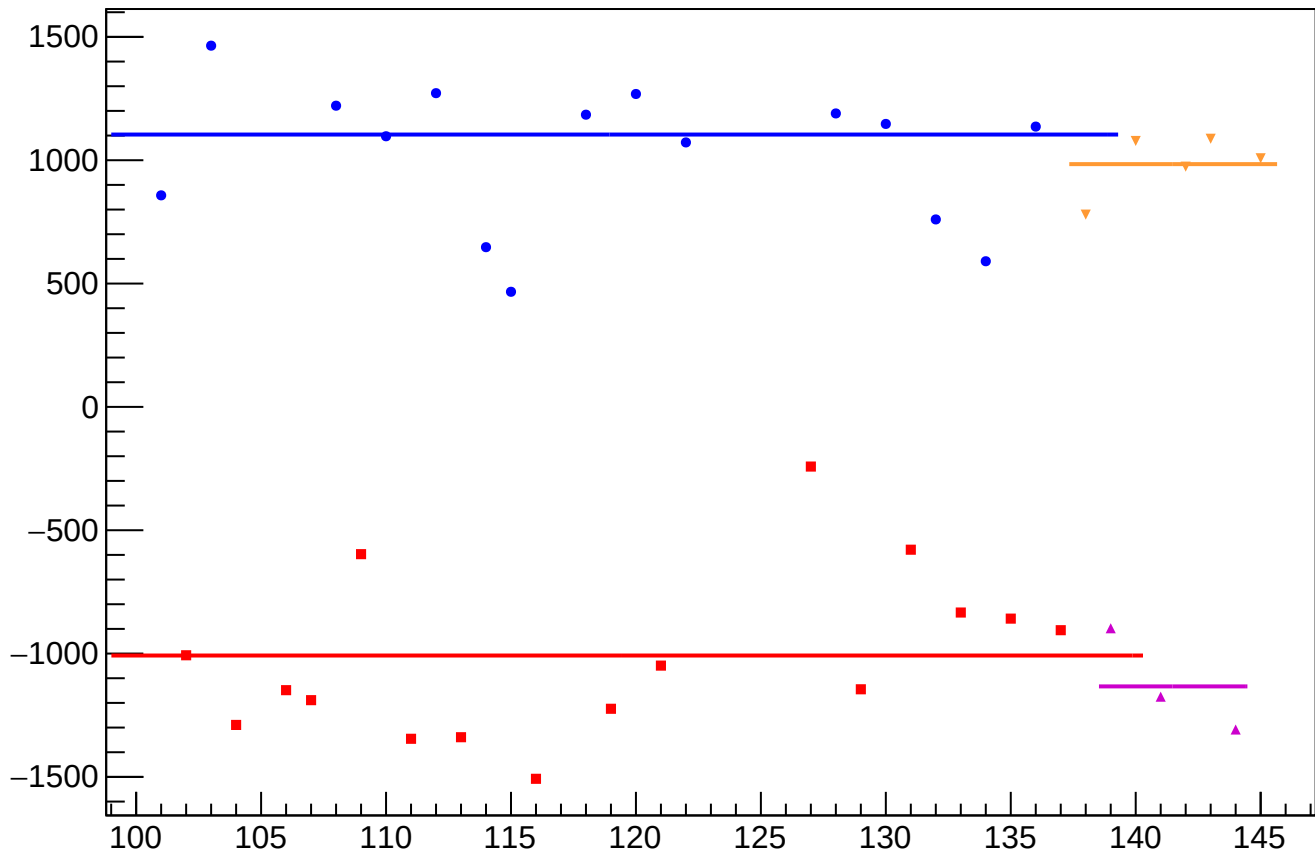
Right: -8.442+/-0.000 χ^2/NDF : 1636587396882894

In: 400.076+/-0.000 χ^2/NDF : 83216312559374927

Out: -339.291+/-0.000 χ^2/NDF : 863682482796562

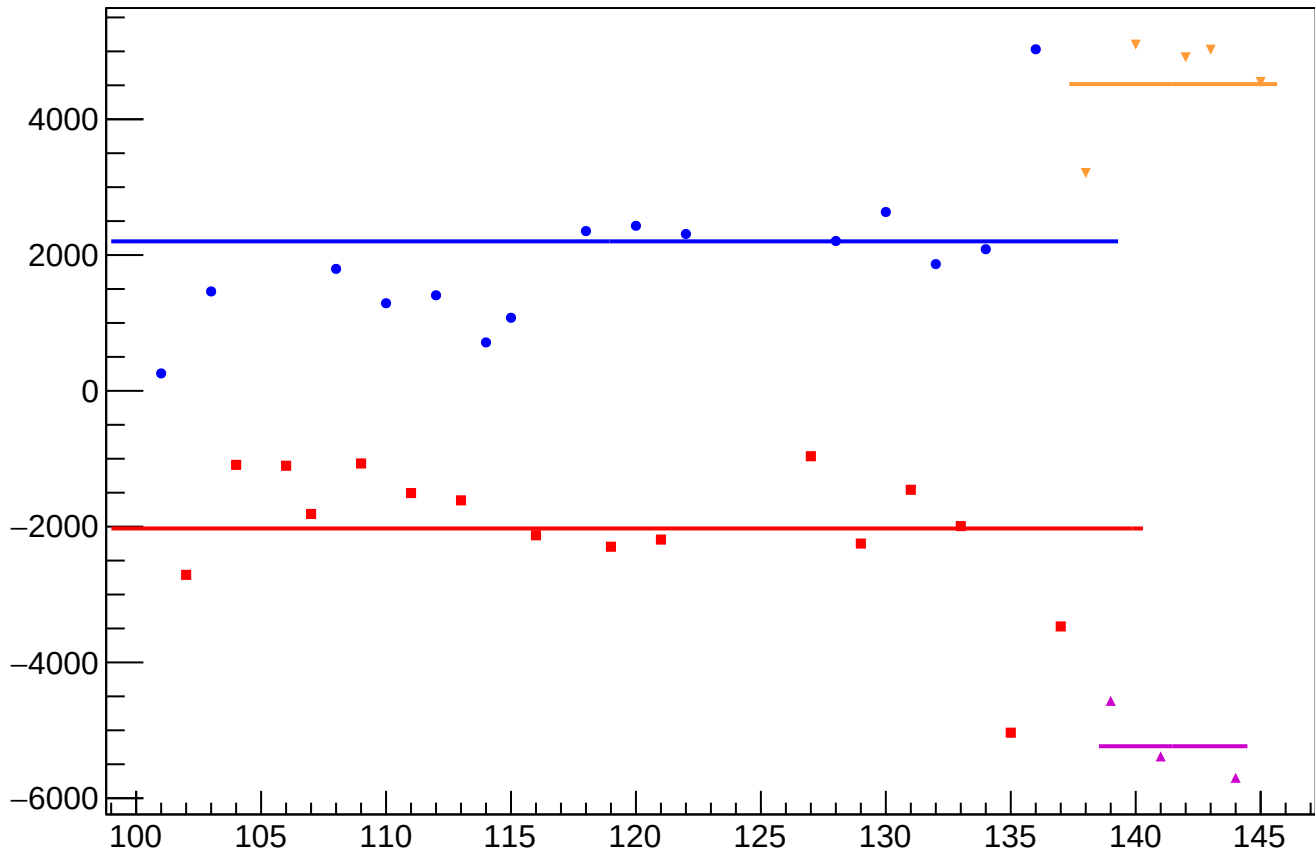
All: 8.466+/-0.000 χ^2/NDF : 19575933517190

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



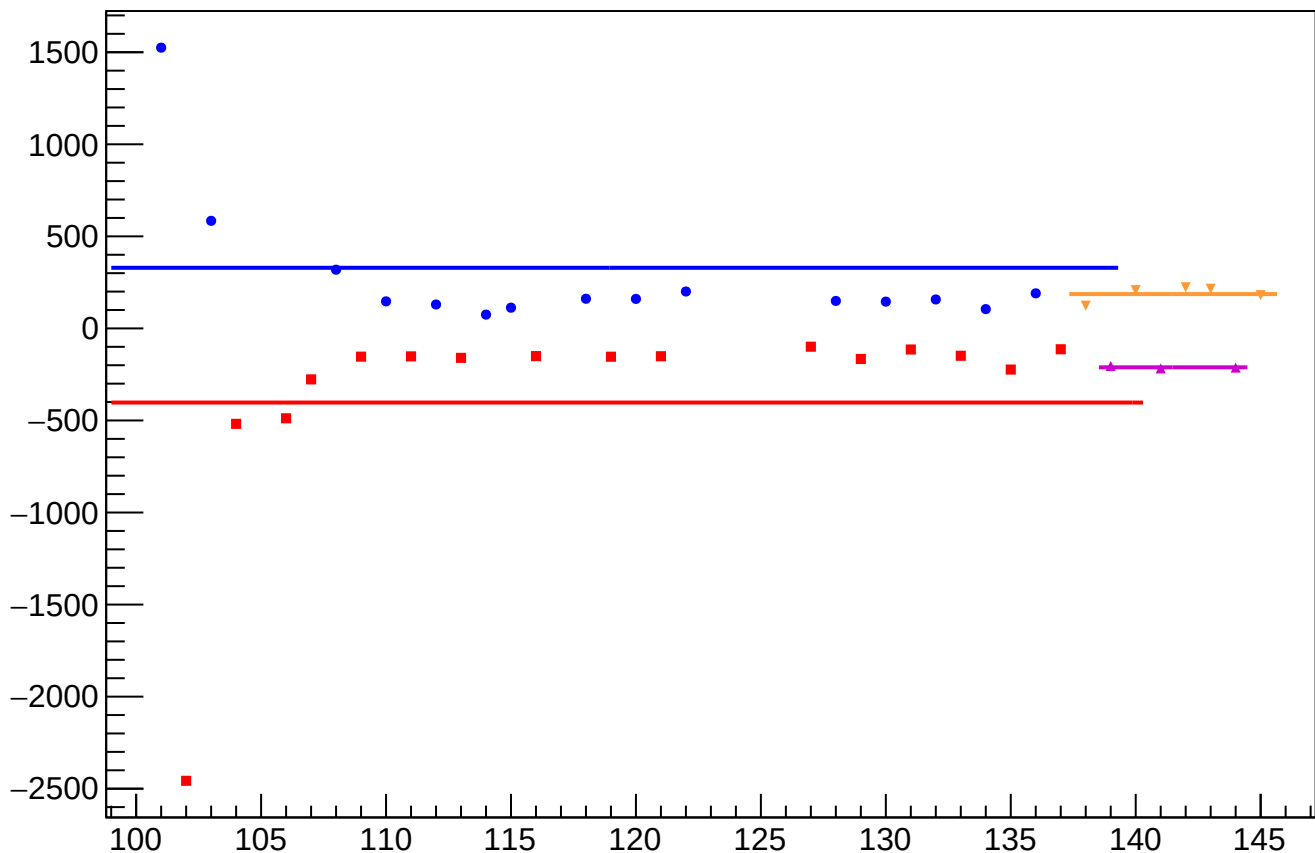
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_atr1_coil3_mean vs Slug, Sign Corrected



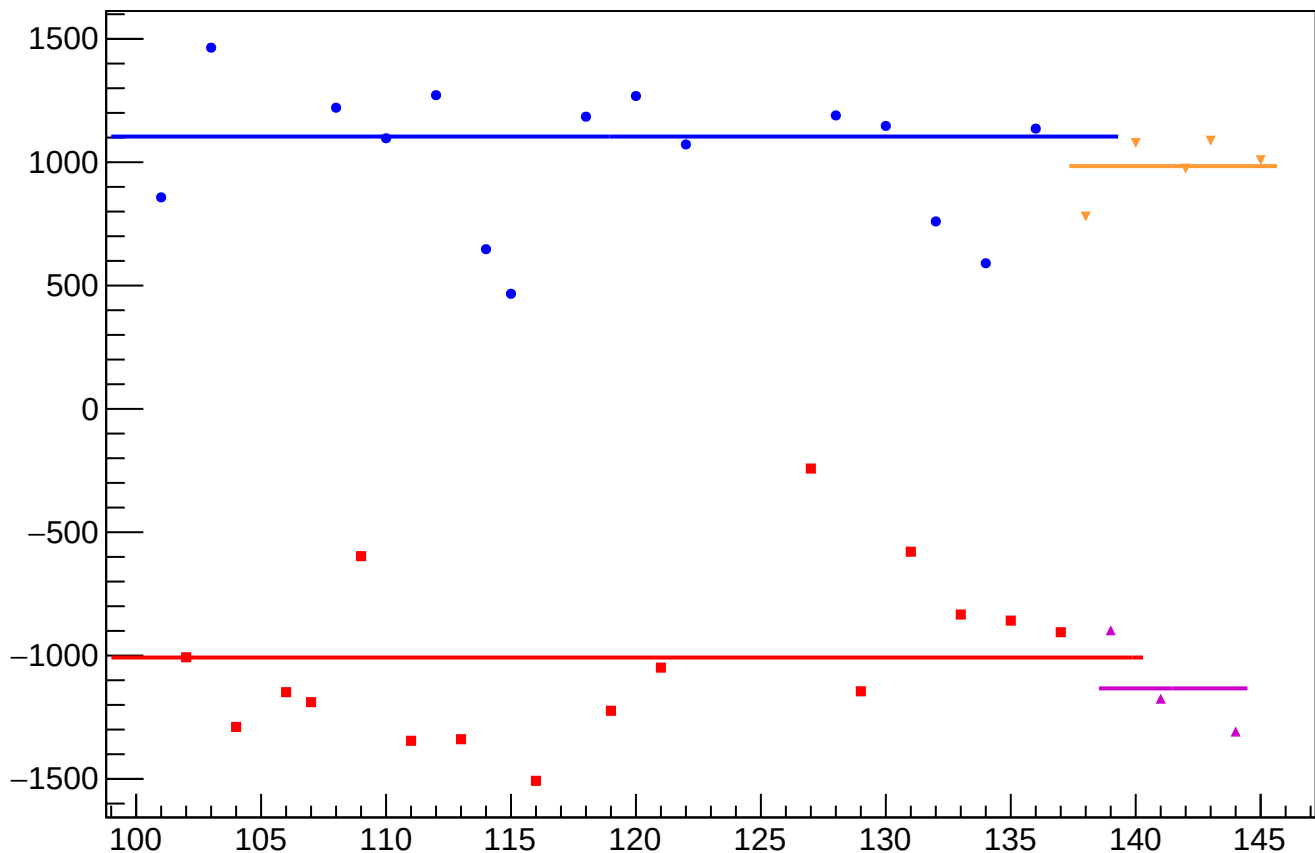
Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 4517.590+/-0.000 χ^2/NDF : 185943580387478859733051498665202417664.0/4
 Right Out: -2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: -5234.277+/-0.000 χ^2/NDF : 57335319115753934077222266472622981120.0/2
 All: 170.625+/-0.000 χ^2/NDF : 22019187445

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



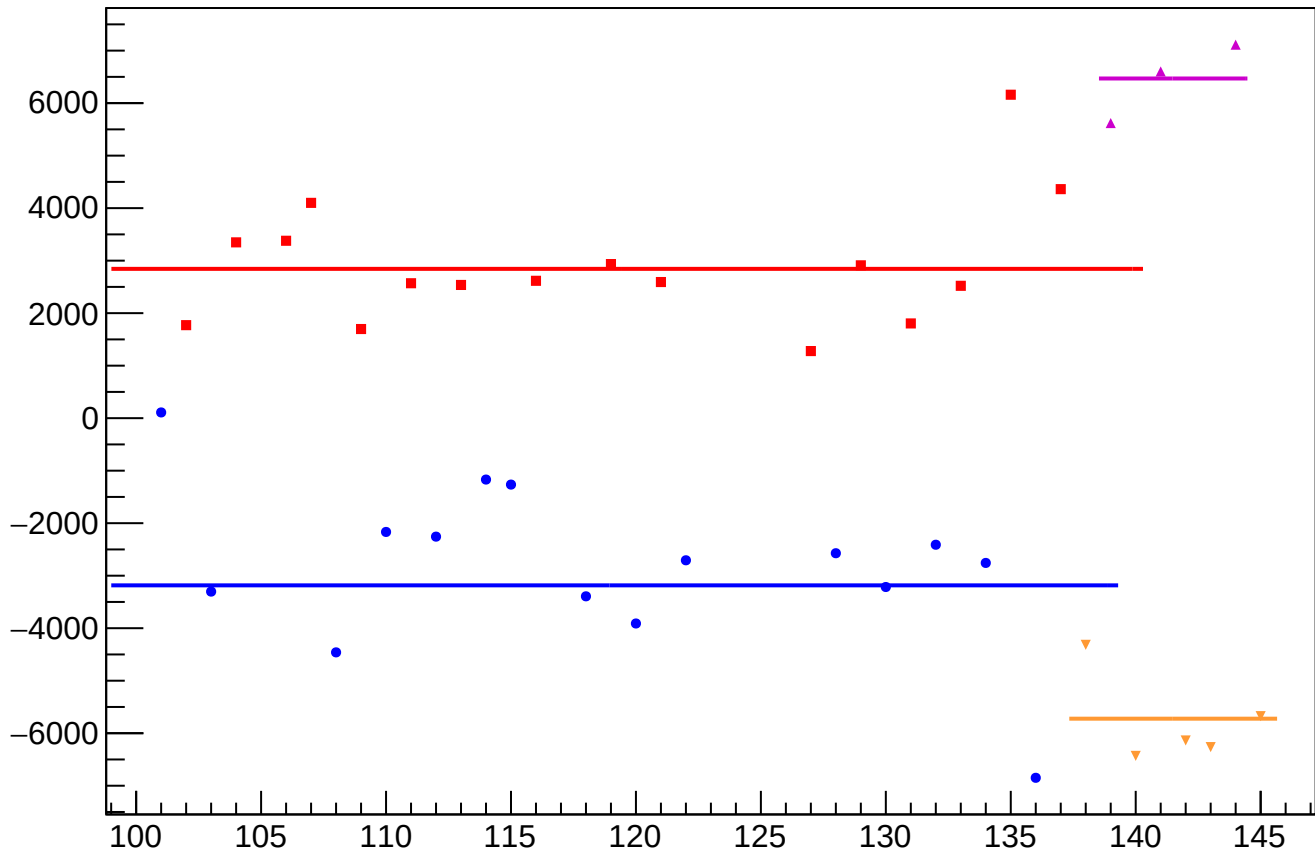
Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14
 Left Out: 186.428+/-0.000 χ^2/NDF : 468774152995228412227095727129493504.0/4
 Right Out: -402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15
 Left In: -211.386+/-0.000 χ^2/NDF : 7650416775217898413900901105270784.0/2
 All: -22.576+/-0.000 χ^2/NDF : 582518018346

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: 93.241+/-0.000	χ^2/NDF : 67424438105734217
Left Out: 984.188+/-0.000	χ^2/NDF : 4748580512523231124765343613372596224.0/4	Right: 33.659+/-0.000	χ^2/NDF : 1569083056347410
Right Out: -1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	In: 473.033+/-0.000	χ^2/NDF : 95640554189316624
Left In: -1133.122+/-0.000	χ^2/NDF : 7365584540853331592808282192913367040.0/2	Out: -321.044+/-0.000	χ^2/NDF : 986477270893983
		All: 52.445+/-0.000	χ^2/NDF : 2244800451425

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928+/-0.000

Left Out: -5723.161+/-0.000

Right Out: 2843.597+/-0.000

Left In: 6469.026+/-0.000

χ^2/NDF : 2134923281384422537296044119642733543424.0/14

χ^2/NDF : 223221664355375228476245801347391160320.0/4

χ^2/NDF : 947077611563723244705531091944015396864.0/15

χ^2/NDF : 96793201065255186761462882434354774016.0/2

Left: -592.785+/-0.000 χ^2/NDF : 222752387521125

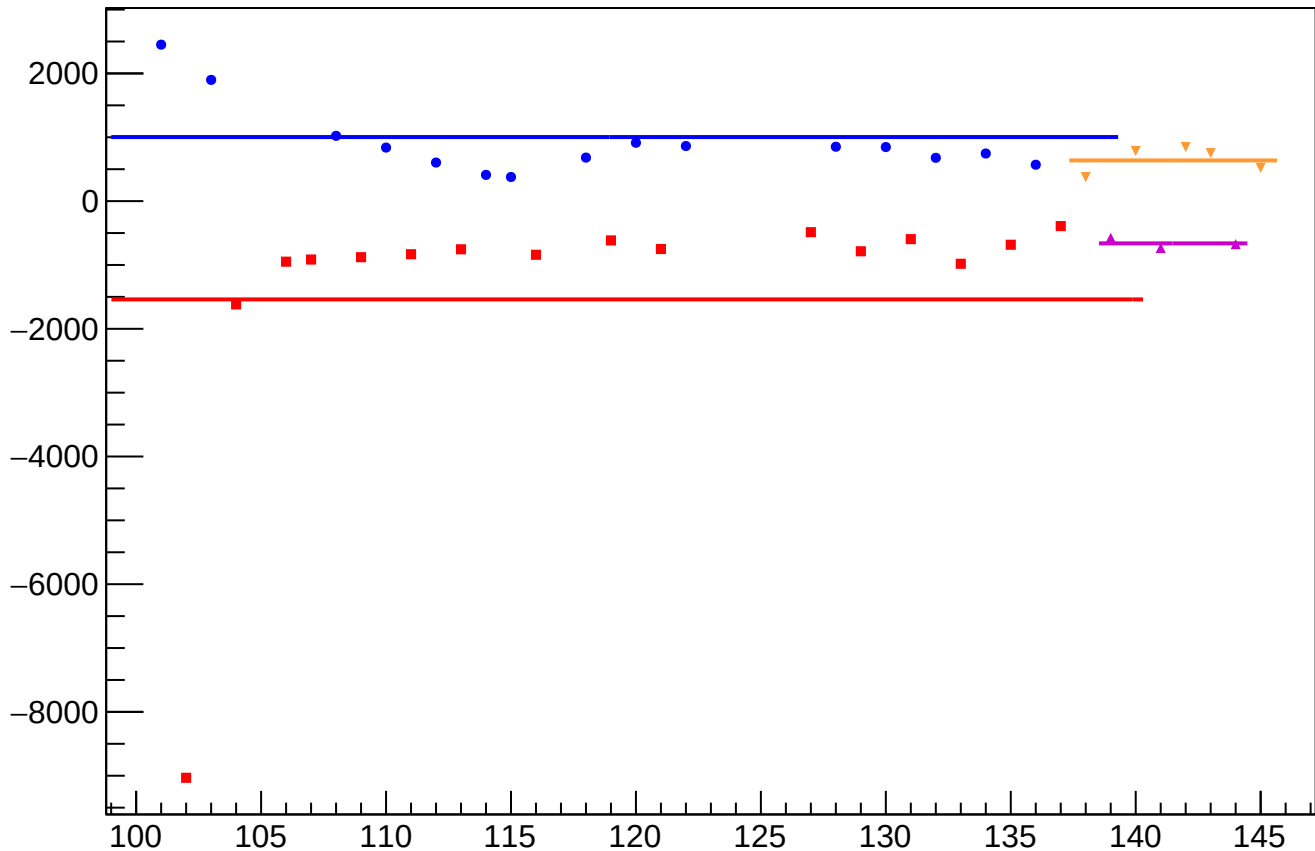
Right: -128.944+/-0.000 χ^2/NDF : 15032681342441

In: -461.026+/-0.000 χ^2/NDF : 1929006090795371

Out: -110.167+/-0.000 χ^2/NDF : 180481886318683

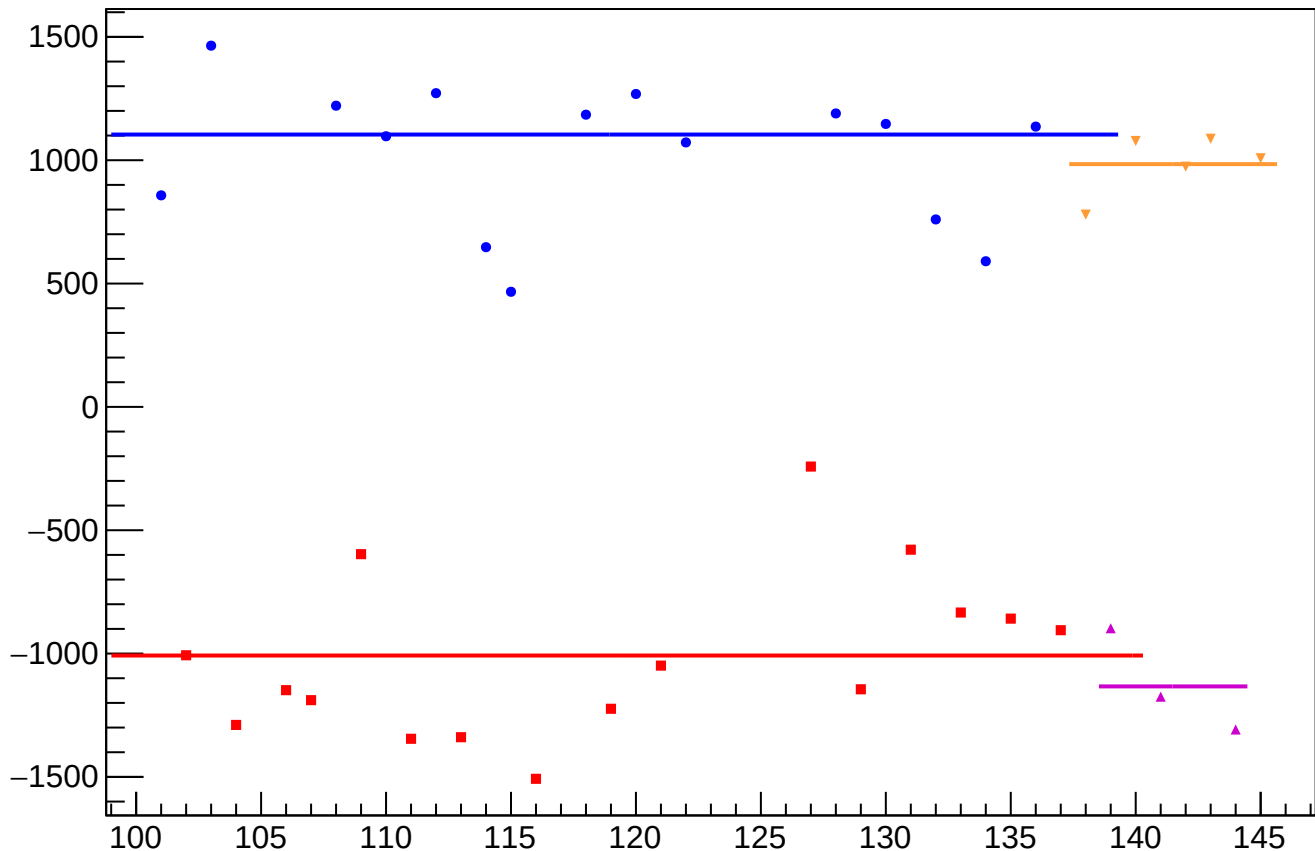
All: -275.192+/-0.000 χ^2/NDF : 37397191894

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



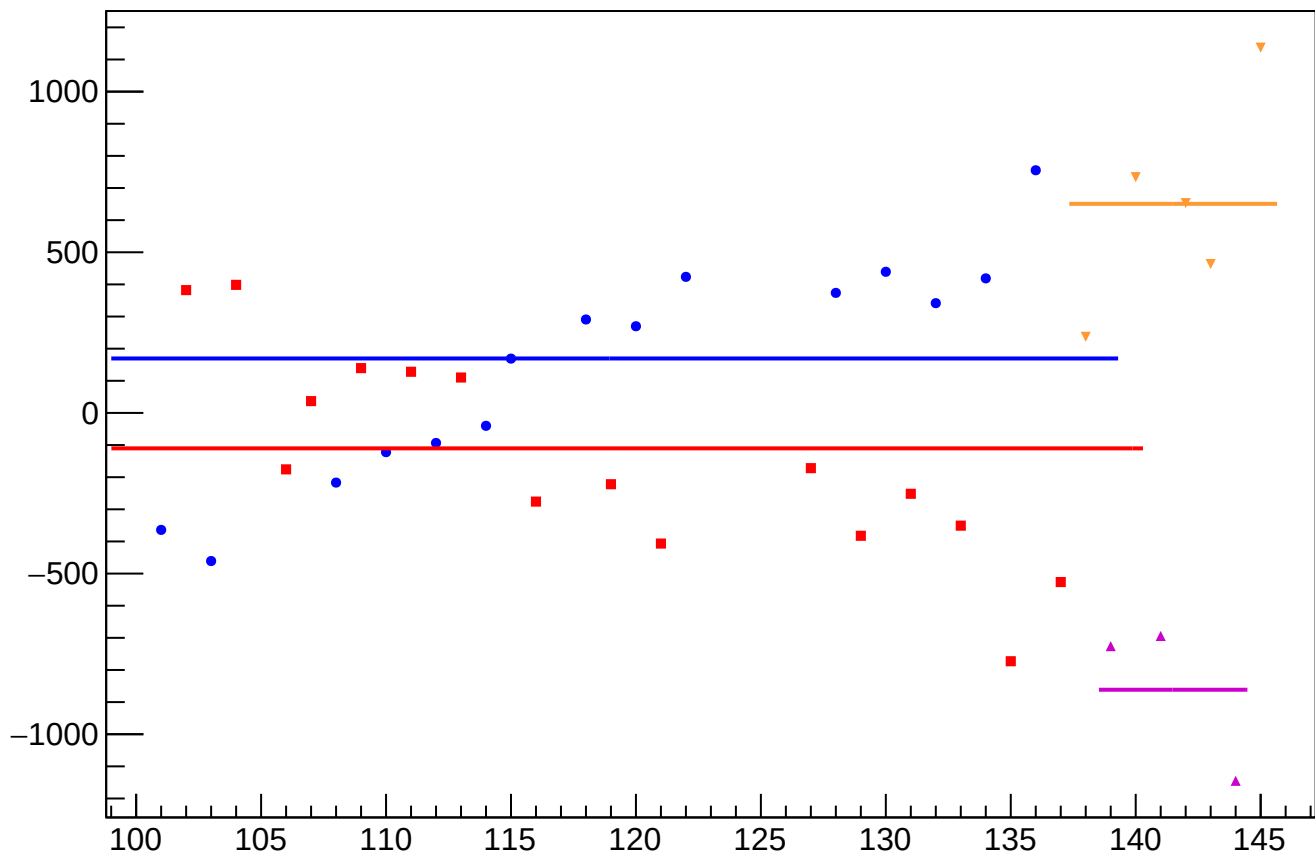
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 637.408+/-0.000 χ^2/NDF : 11083009286457150031681801544448081920.0/4
 Right Out: -1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: -661.718+/-0.000 χ^2/NDF : 1075732279748122261073408936690843648.0/2
 All: -166.852+/-0.000 χ^2/NDF : 62819048754

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: 93.241+/-0.000 χ^2/NDF : 67424438105734217
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 169.489+/-0.000

χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 650.728+/-0.000

χ^2/NDF : 34706175985035519142846985174719135744.0/4

Right Out: -110.289+/-0.000

χ^2/NDF : 71770784102052938523592716508479881216.0/15

Left In: -861.524+/-0.000

χ^2/NDF : 11022746932906306084334184078321385472.0/2

Left: 14.384+/-0.000 χ^2/NDF : 38350086302659962.0/14

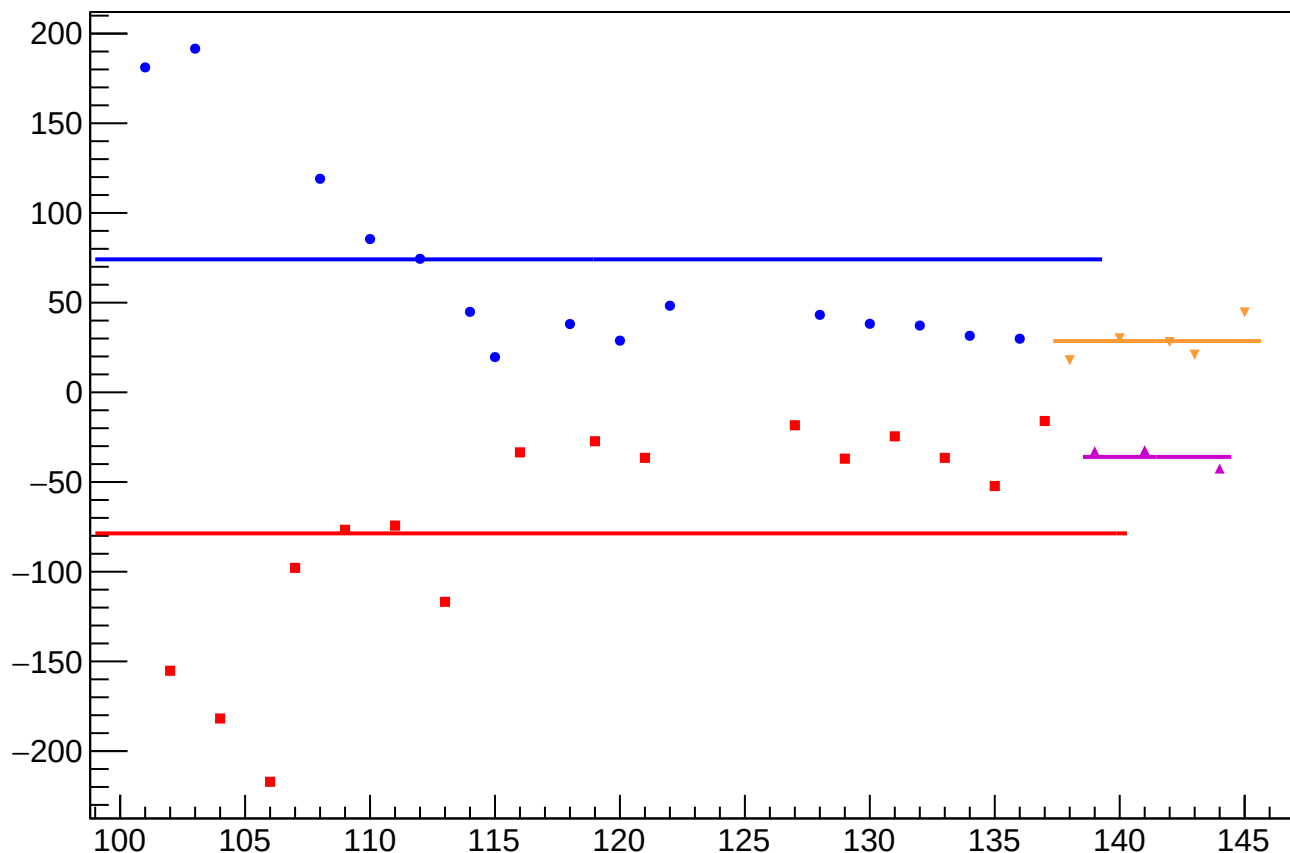
Right: 27.687+/-0.000 χ^2/NDF : 1929545589131513.0/14

In: -121.339+/-0.000 χ^2/NDF : 3010597366120701.0/14

Out: 152.105+/-0.000 χ^2/NDF : 2396677372184787.0/14

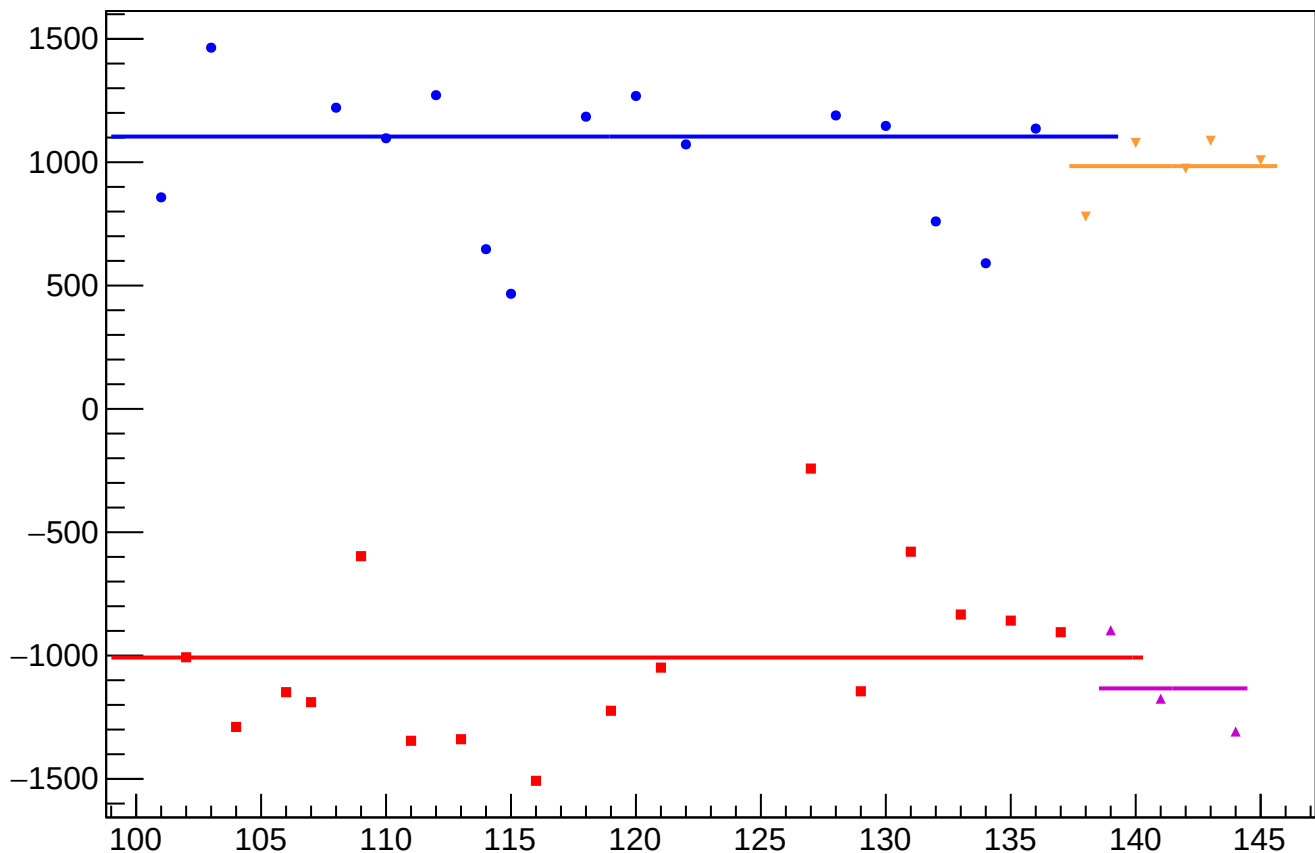
All: 23.493+/-0.000 χ^2/NDF : 5765288456962.0/14

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



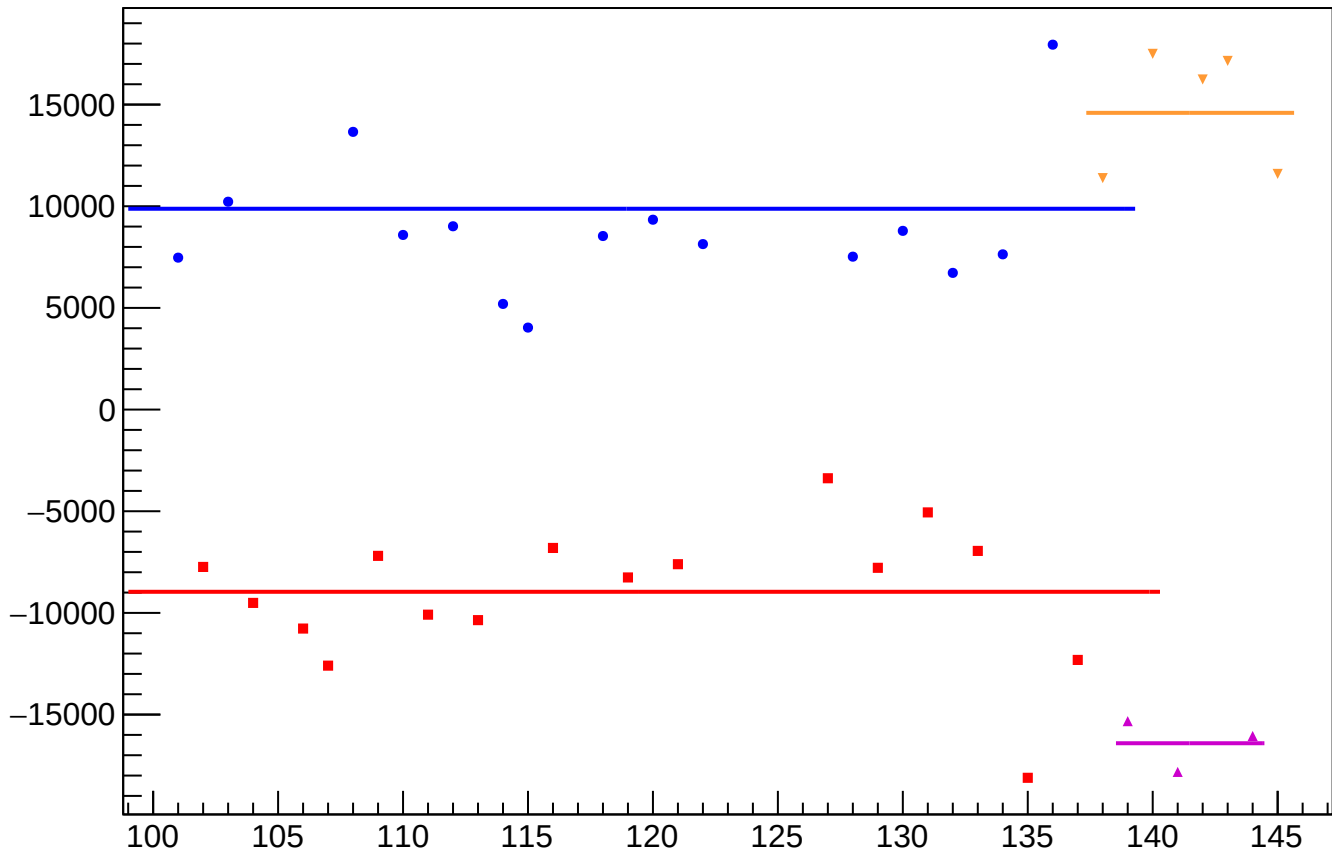
Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14
 Left Out: 28.589+/-0.000 χ^2/NDF : 32764697607371177663263262115889152.0/4
 Right Out: -78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15
 Left In: -36.019+/-0.000 χ^2/NDF : 5726182763375034198367545782697984.0/2
 All: -1.815+/-0.000 χ^2/NDF : 1285190937271

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



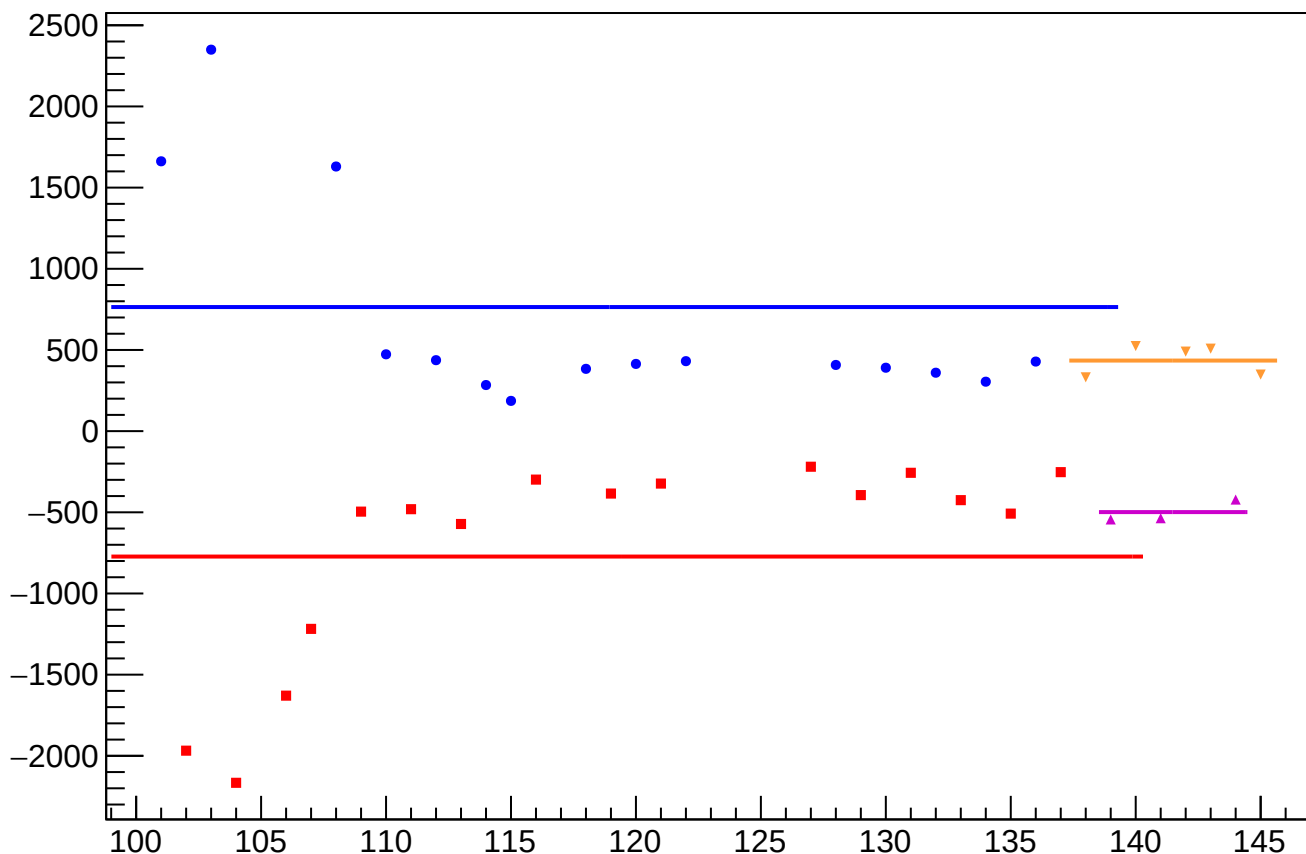
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 14593.378+/-0.000 χ^2/NDF : 2758681217765113600641226048563318882304.0/4
 Right Out: -8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: -16410.005+/-0.000 χ^2/NDF : 275752482292152314890029974388956200960.0/2
 All: 712.909+/-0.000 χ^2/NDF : 278418623343

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 764.284 +/- 0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

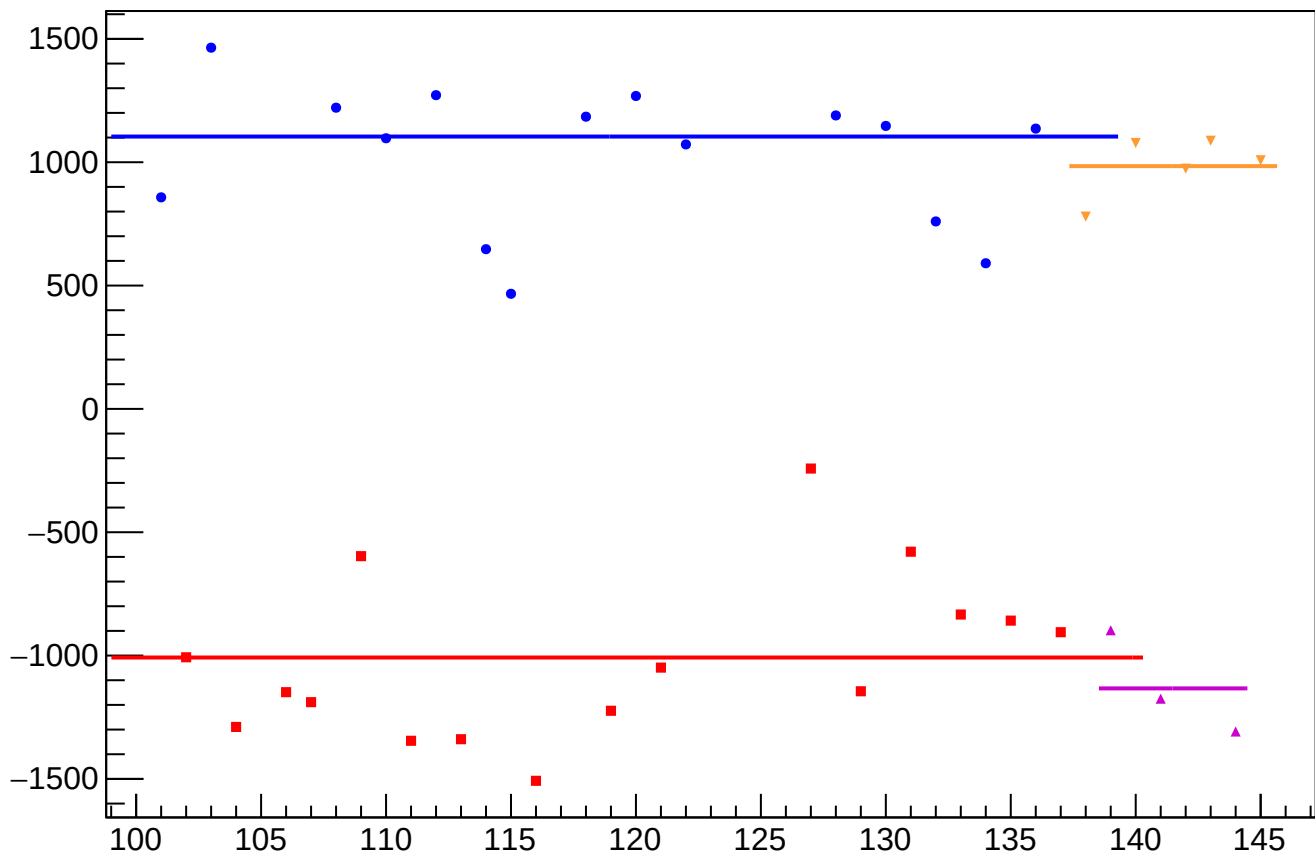
Left Out: 434.666 +/- 0.000 χ^2/NDF : 2567598171132627045840010519083220992.0/4

Right Out: -772.547 +/- 0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: -498.709 +/- 0.000 χ^2/NDF : 817575414065191958807356191295930368.0/2

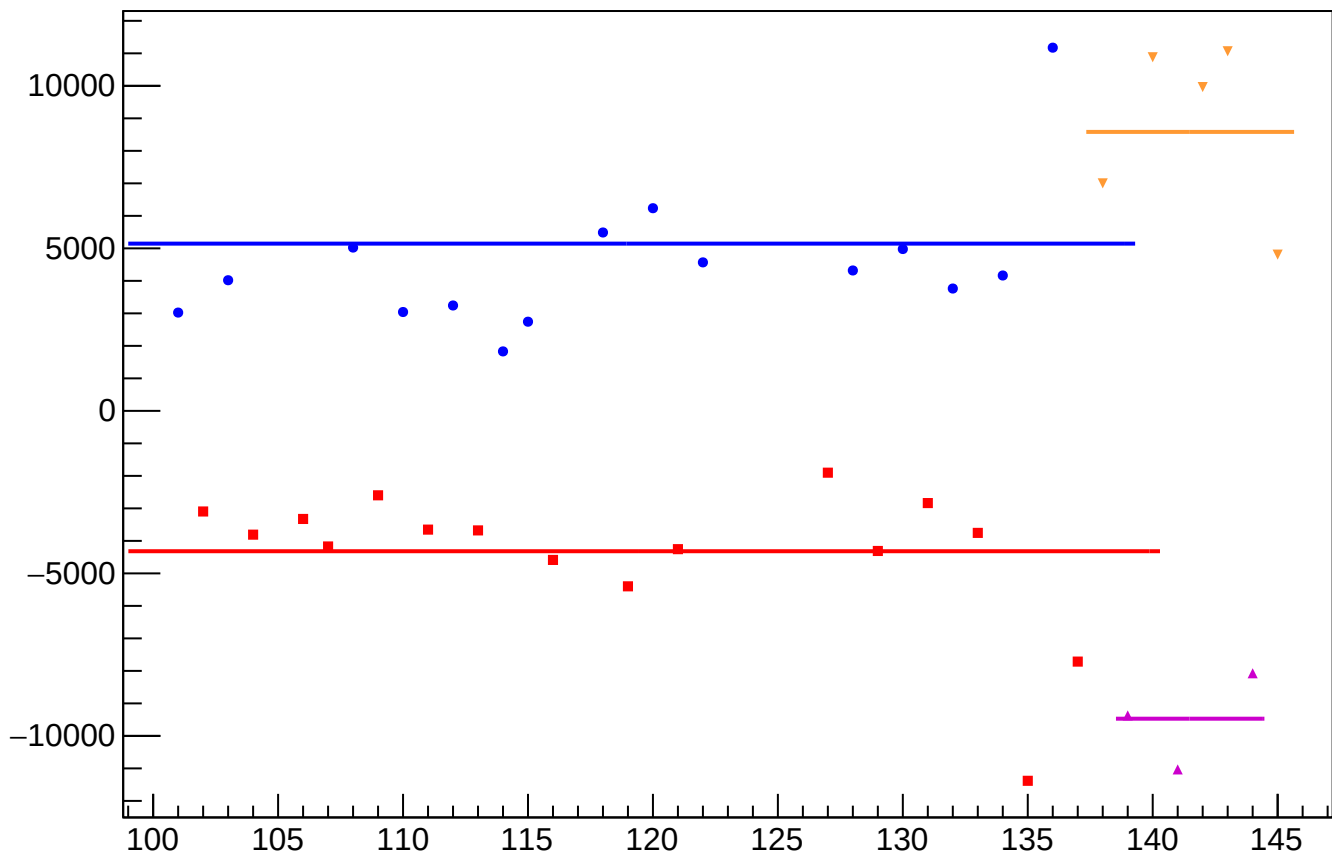
All: 3.188 +/- 0.000 χ^2/NDF : 14871557680853

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 5145.657+/-0.000

χ^2/NDF : 4272867262459372237810540195851662262272.0/14

Left Out: 8583.023+/-0.000

χ^2/NDF : 2239680004016863943279374702895182118912.0/4

Right Out: -4318.126+/-0.000

χ^2/NDF : 3345176554564755427312533888908526616576.0/15

Left In: -9470.795+/-0.000

χ^2/NDF : 381535480306379050437919418379600396288.0/2

Left: 986.120+/-0.000 χ^2/NDF : 5076195768686940

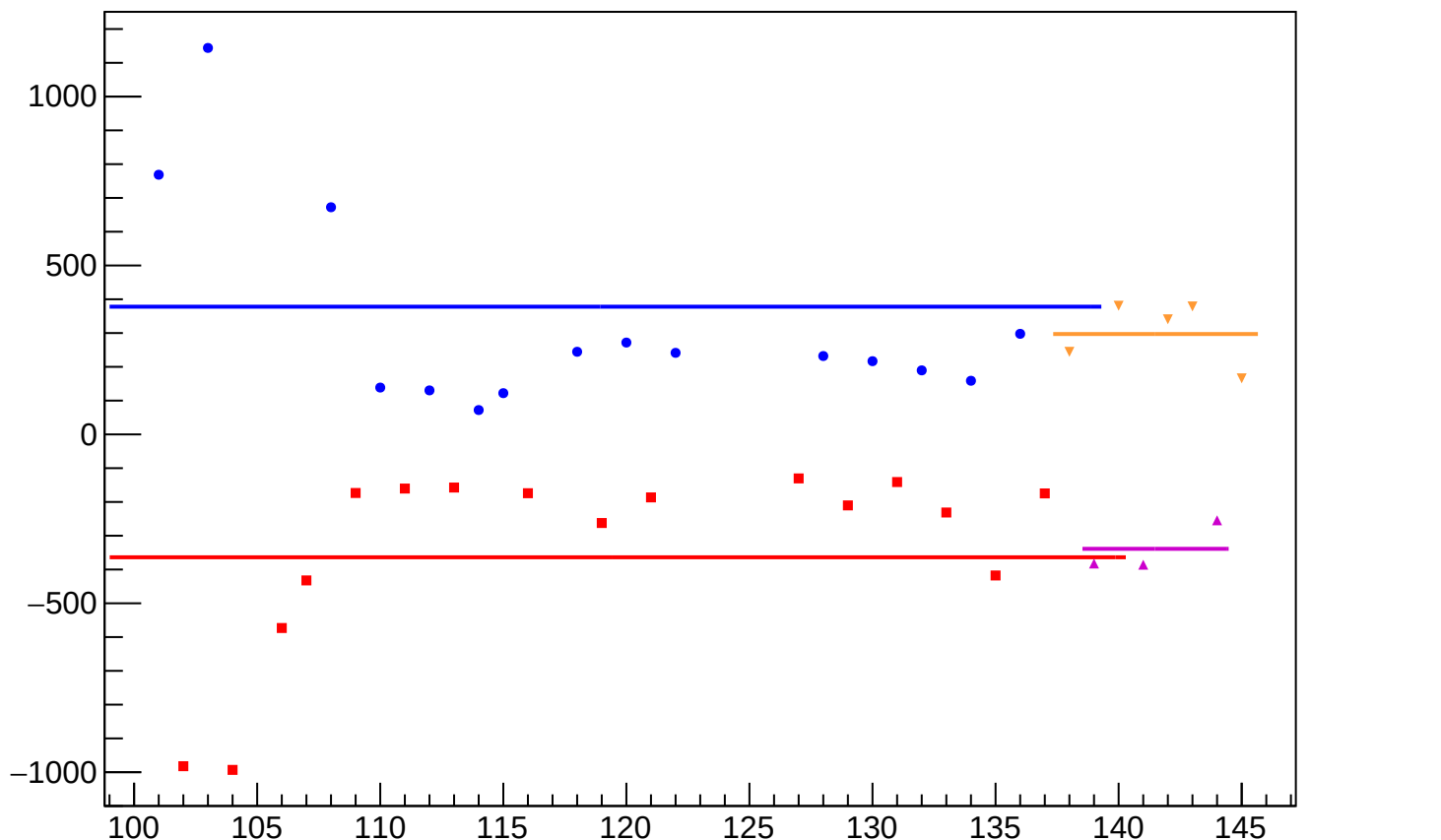
Right: 349.044+/-0.000 χ^2/NDF : 370788219703753

In: 1022.654+/-0.000 χ^2/NDF : 4376553211325770

Out: 130.109+/-0.000 χ^2/NDF : 4386221679126781

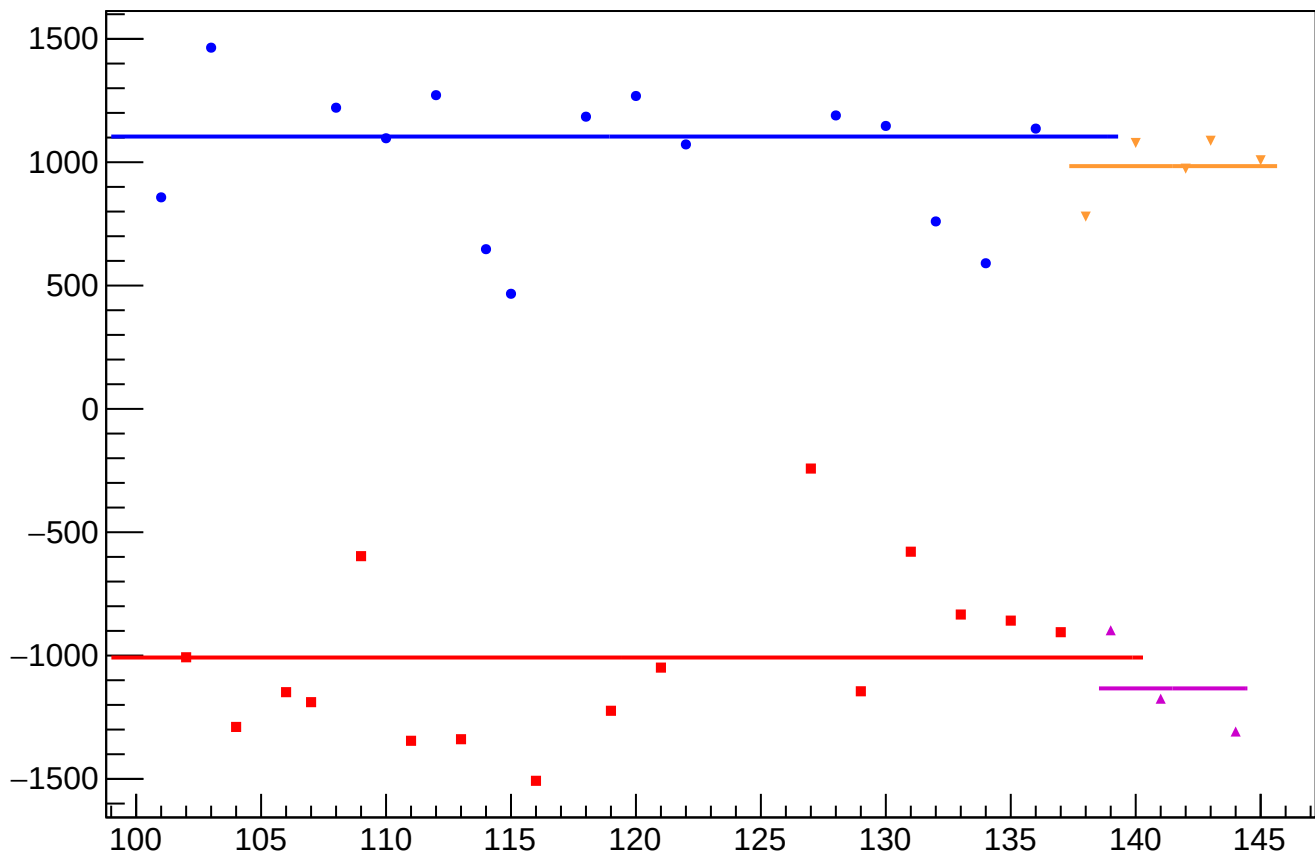
All: 549.912+/-0.000 χ^2/NDF : 880091857525

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



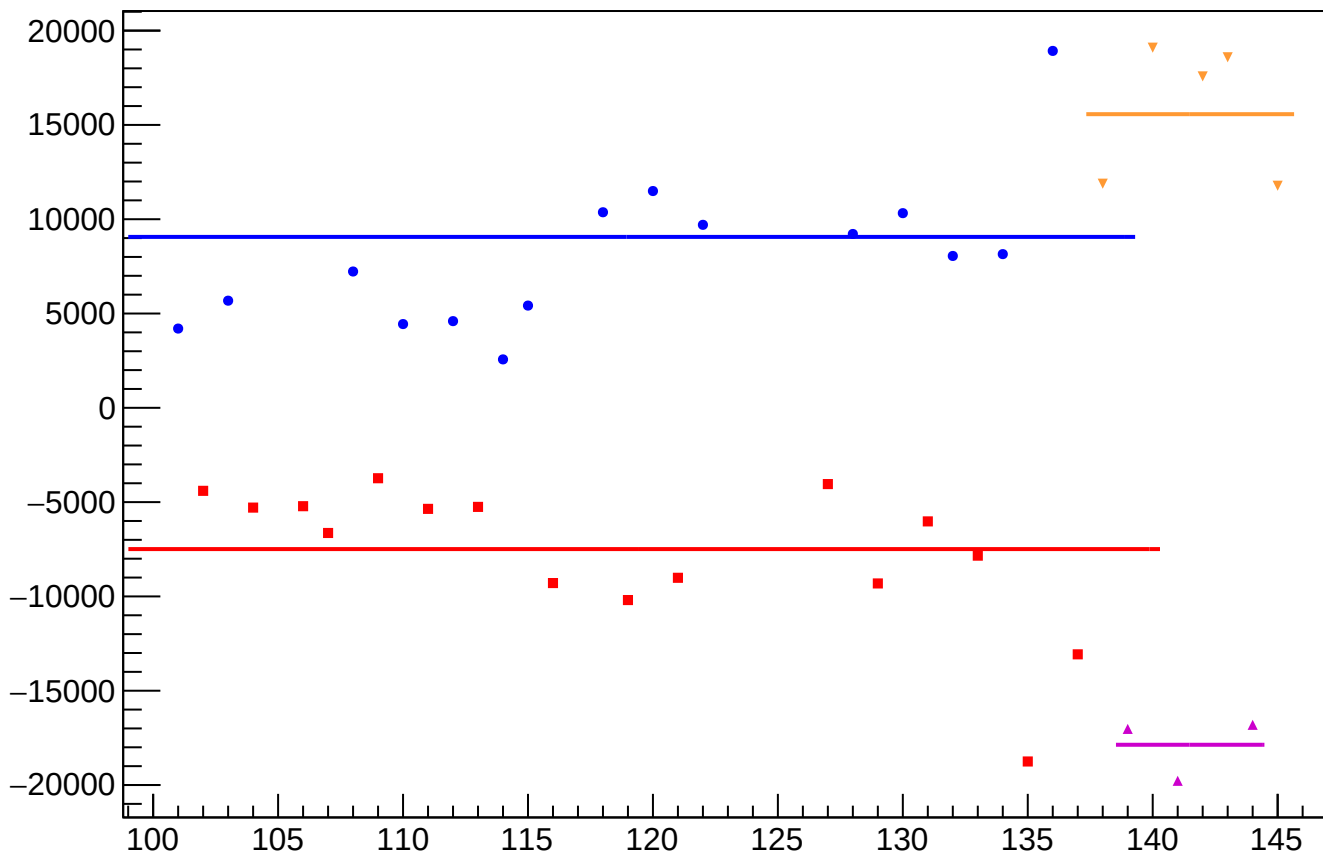
Left: 29.538 +/- 0.000 χ^2/NDF : 63360509504920470
 Right: 2.067 +/- 0.000 χ^2/NDF : 30156387809525658
 In: 175.854 +/- 0.000 χ^2/NDF : 15655632458194001
 Out: -135.906 +/- 0.000 χ^2/NDF : 162143571892116
 All: 10.728 +/- 0.000 χ^2/NDF : 3652375235072

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



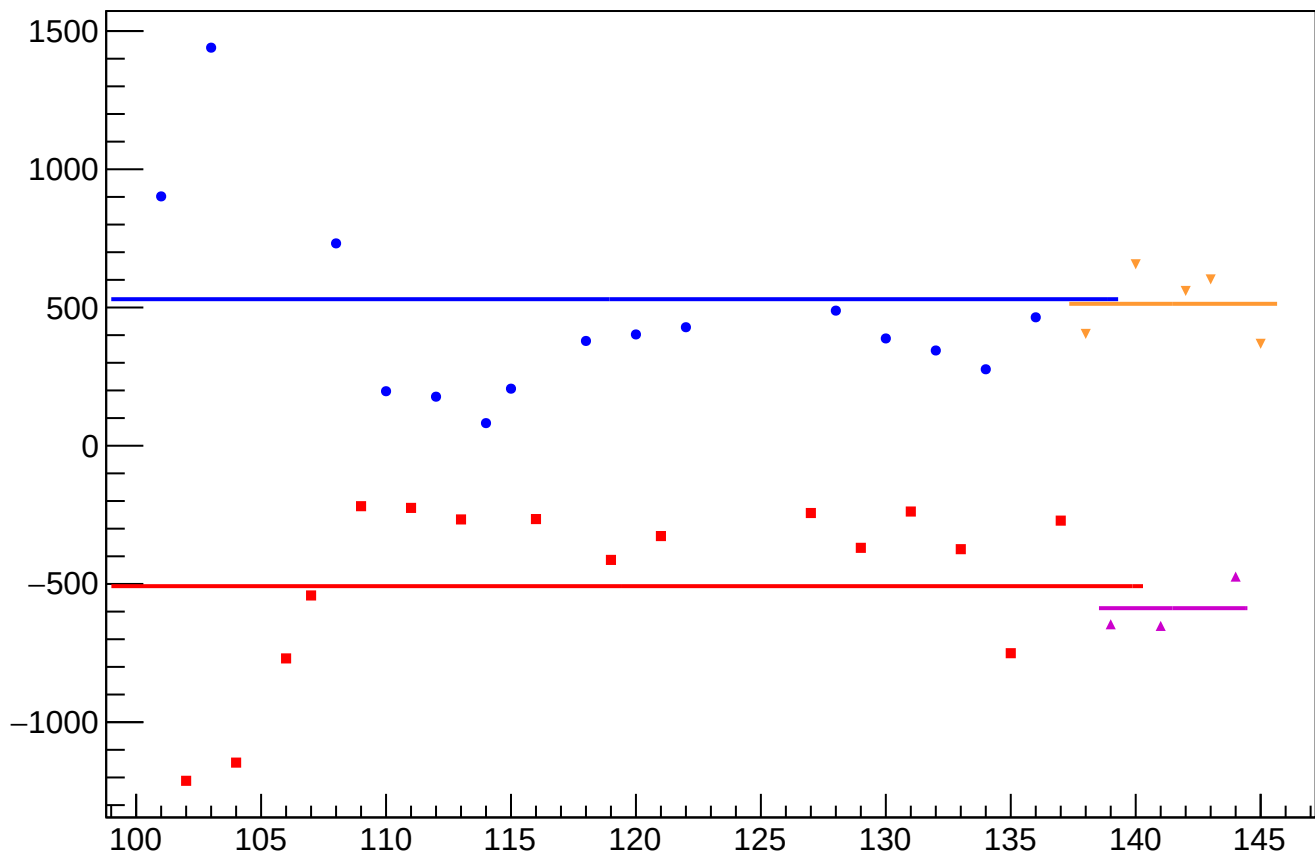
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_sam4_coil3_mean vs Slug, Sign Corrected



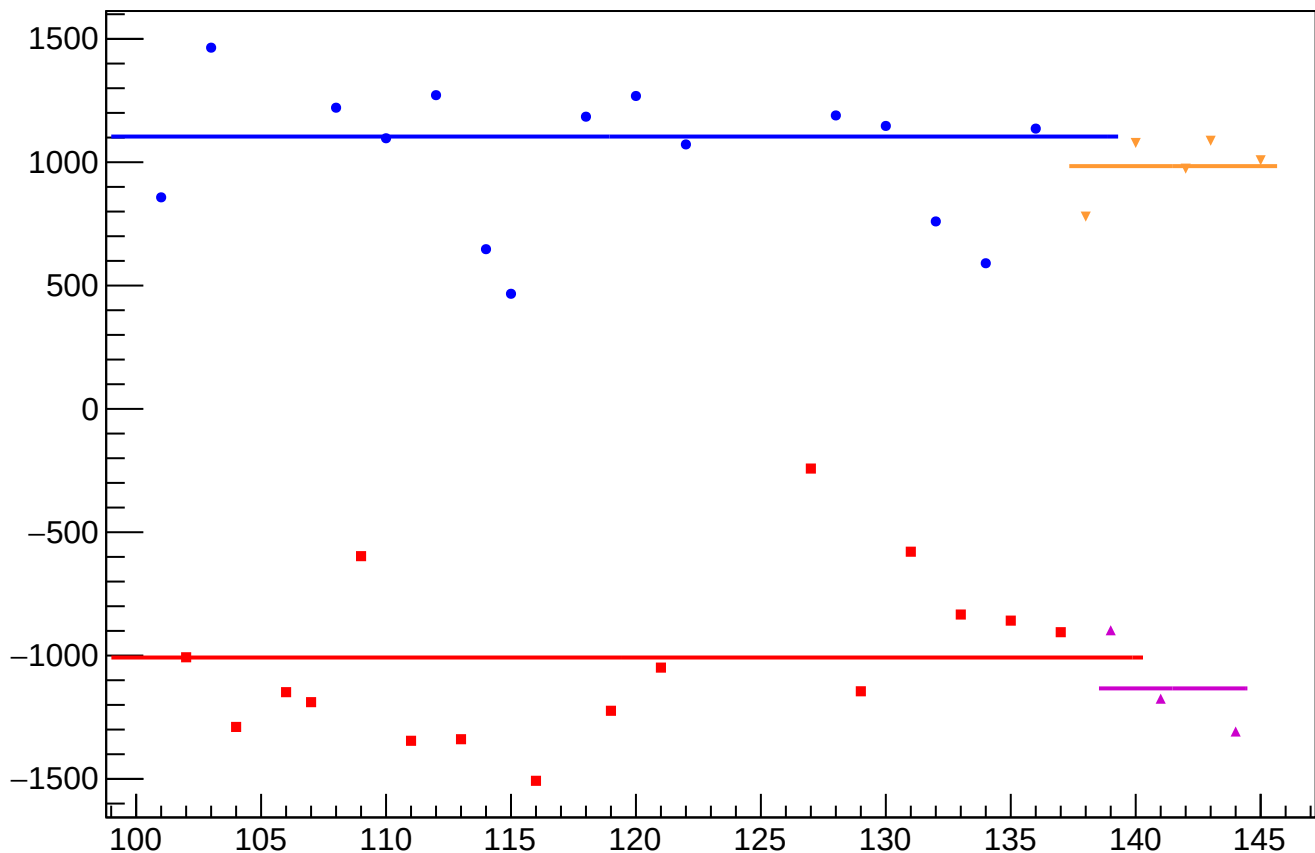
Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 15569.734+/-0.000 χ^2/NDF : 3996331592979096602810145879737830998016.0/4
 Right Out: -7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: -17865.694+/-0.000 χ^2/NDF : 467380968357764639906668875137918435328.0/2
 All: 933.921+/-0.000 χ^2/NDF : 283720864315

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



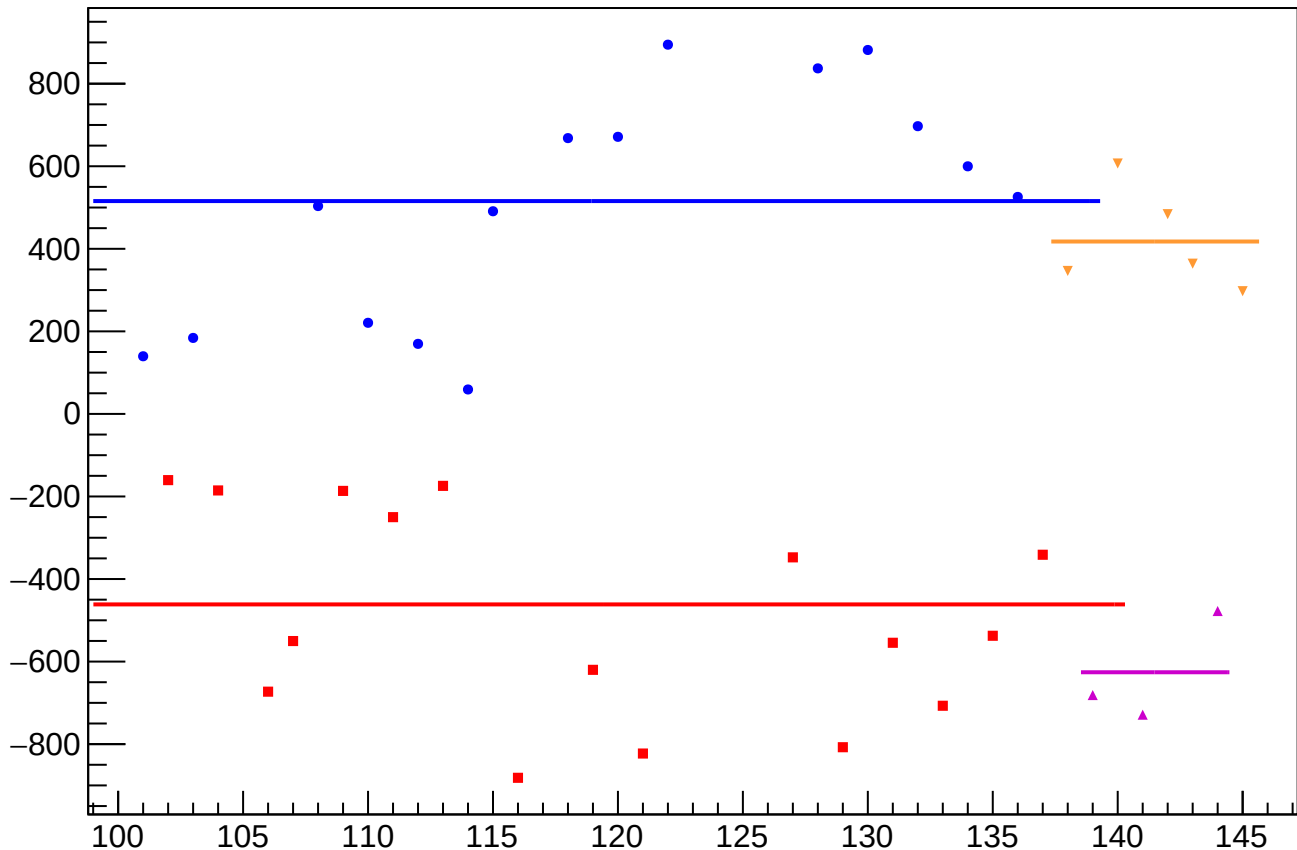
Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14
 Left Out: 513.350+/-0.000 χ^2/NDF : 4855520498970218322285264102186024960.0/4
 Right Out: -507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15
 Left In: -587.621+/-0.000 χ^2/NDF : 1785331289149632272592063875336110080.0/2
 All: 18.482+/-0.000 χ^2/NDF : 6964412358905

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



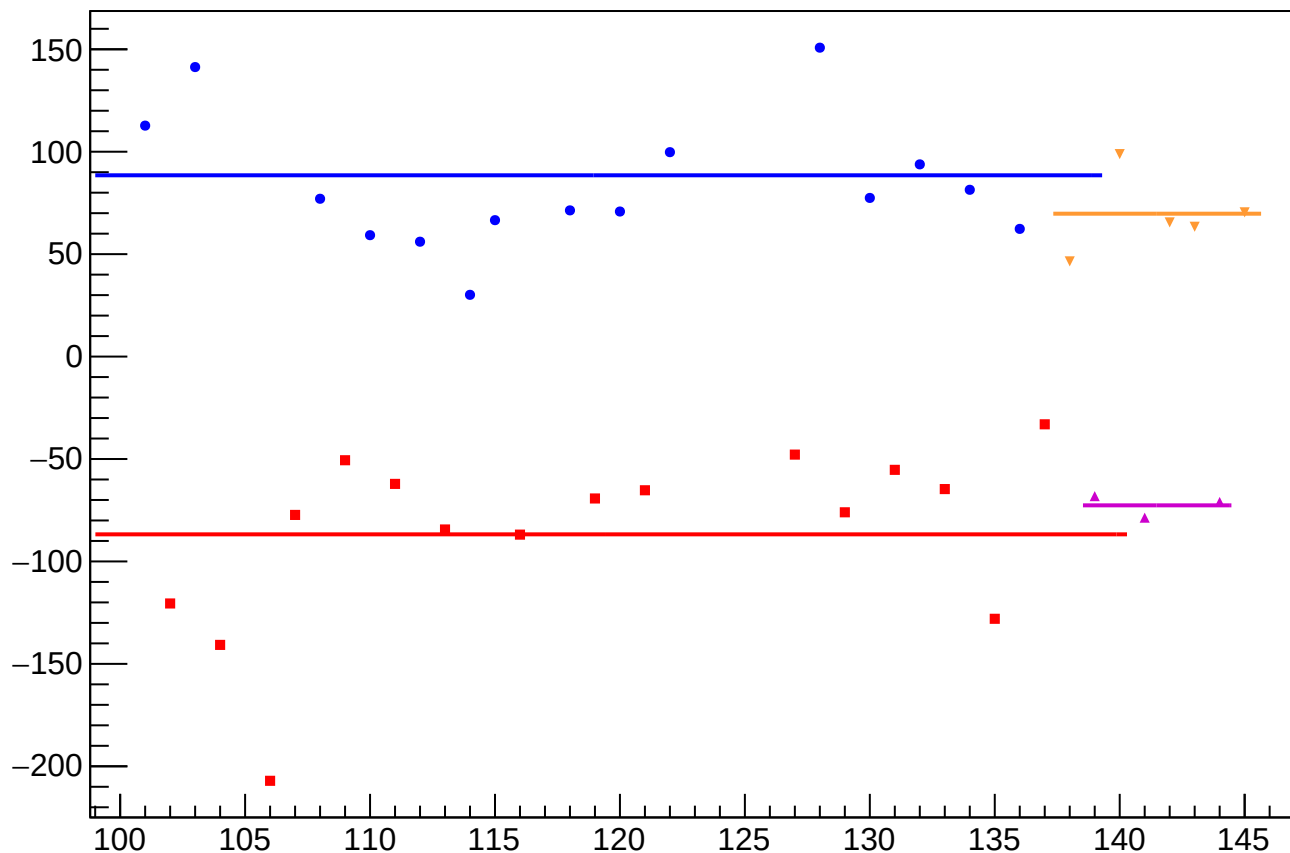
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.448 ± 0.000 $\chi^2/\text{NDF}: 1687909126278551$
 Right In: 515.635 ± 0.000 $\chi^2/\text{NDF}: 48465403420573957292673062371162324992.0/14$
 Left Out: 417.662 ± 0.000 $\chi^2/\text{NDF}: 4850676233114462180664548472895045632.0/4$
 Right Out: -461.497 ± 0.000 $\chi^2/\text{NDF}: 40473746660091355928063306884368564224.0/15$
 Left In: -625.869 ± 0.000 $\chi^2/\text{NDF}: 3103656294311520626133385781853552640.0/2$
 All: 7.196 ± 0.000 $\chi^2/\text{NDF}: 57252269573441$

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 88.493+/-0.000

χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 69.745+/-0.000

χ^2/NDF : 115231496619254031022211751082983424.0/4

Right Out: -86.773+/-0.000

χ^2/NDF : 1059206766314086021240525003228708864.0/15

Left In: -72.618+/-0.000

χ^2/NDF : 4948947322620614876612126413160448.0/2

Left: 9.840+/-0.000 χ^2/NDF : 311360868031339902

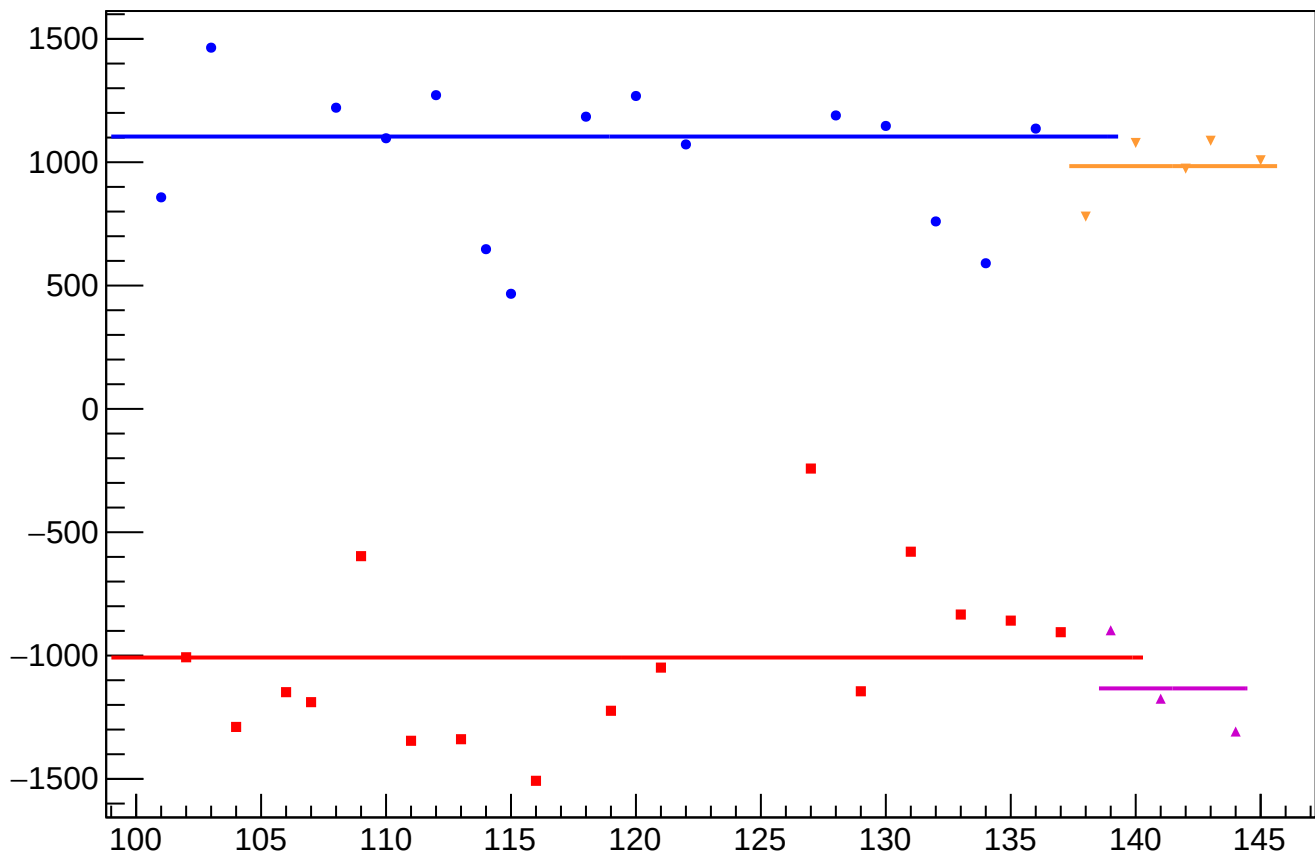
Right: -0.339+/-0.000 χ^2/NDF : 1180687368969666

In: 43.047+/-0.000 χ^2/NDF : 540004650857192847

Out: -32.807+/-0.000 χ^2/NDF : 6808462193939279

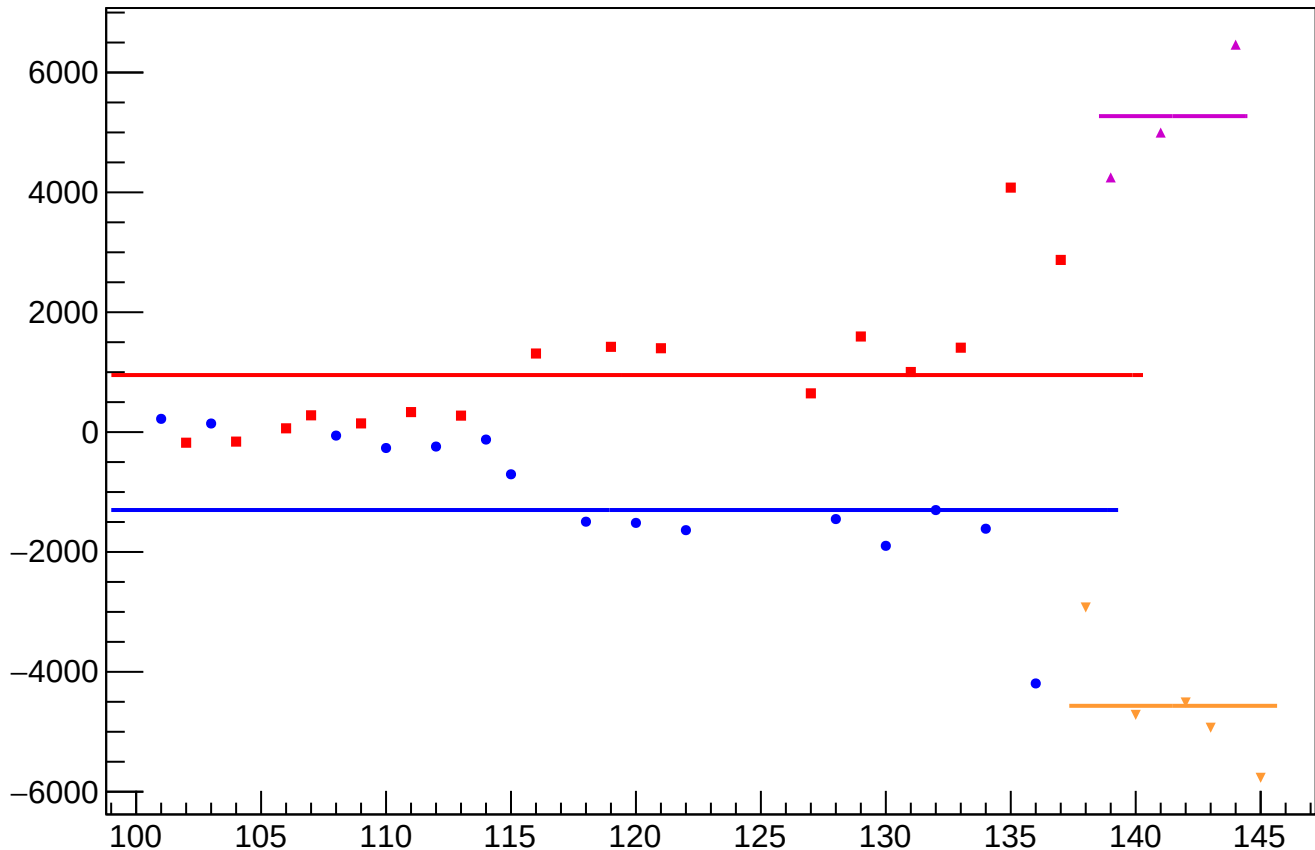
All: 2.871+/-0.000 χ^2/NDF : 14963474932882

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000

Left Out: -4566.908+/-0.000

Right Out: 951.903+/-0.000

Left In: 5271.982+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

χ^2/NDF : 333458502561176635946697944055305732096.0/4

χ^2/NDF : 841314696863657044174468284217089327104.0/15

χ^2/NDF : 217572147147716974471493158039428530176.0/2

Left: -426.781+/-0.000 χ^2/NDF : 148487542947311

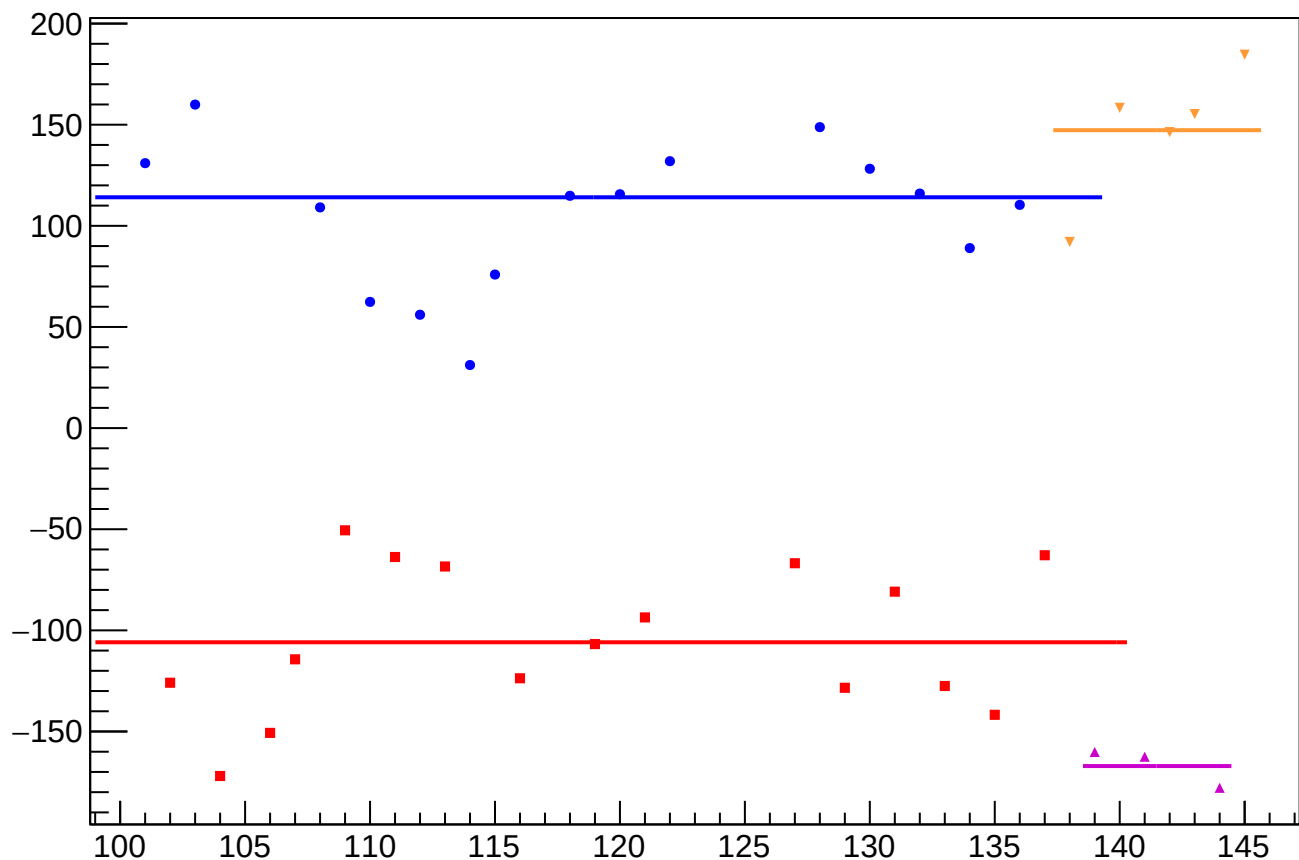
Right: -158.600+/-0.000 χ^2/NDF : 37088904648604

In: 553.892+/-0.000 χ^2/NDF : 93239440985229243

Out: -950.948+/-0.000 χ^2/NDF : 817925799498070

All: -243.157+/-0.000 χ^2/NDF : 18587486825

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 114.118+/-0.000

χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 147.289+/-0.000

χ^2/NDF : 361149048227776079153476644825464832.0/4

Right Out: -105.890+/-0.000

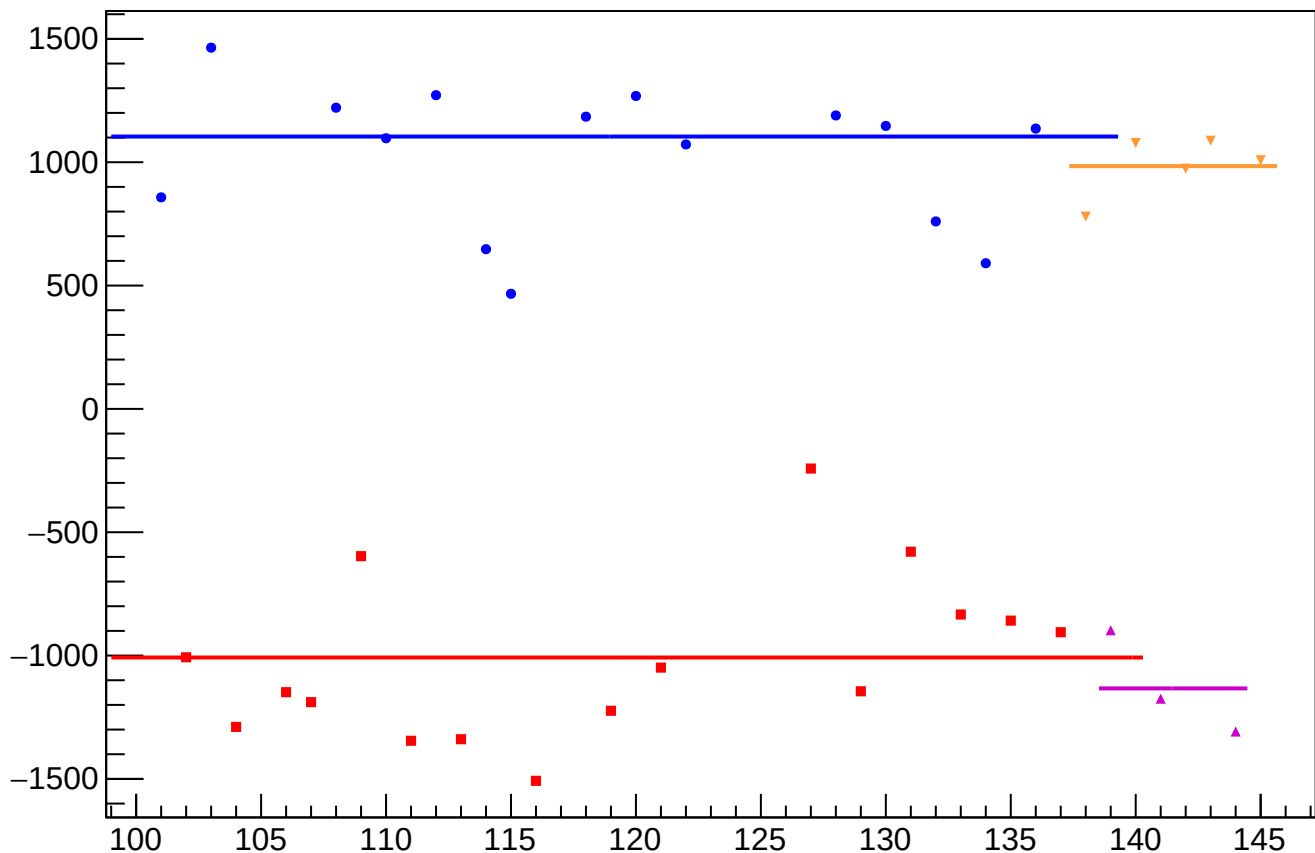
χ^2/NDF : 851861355270591521058611007535972352.0/15

Left In: -167.089+/-0.000

χ^2/NDF : 16024137202802463429205915735162880.0/2

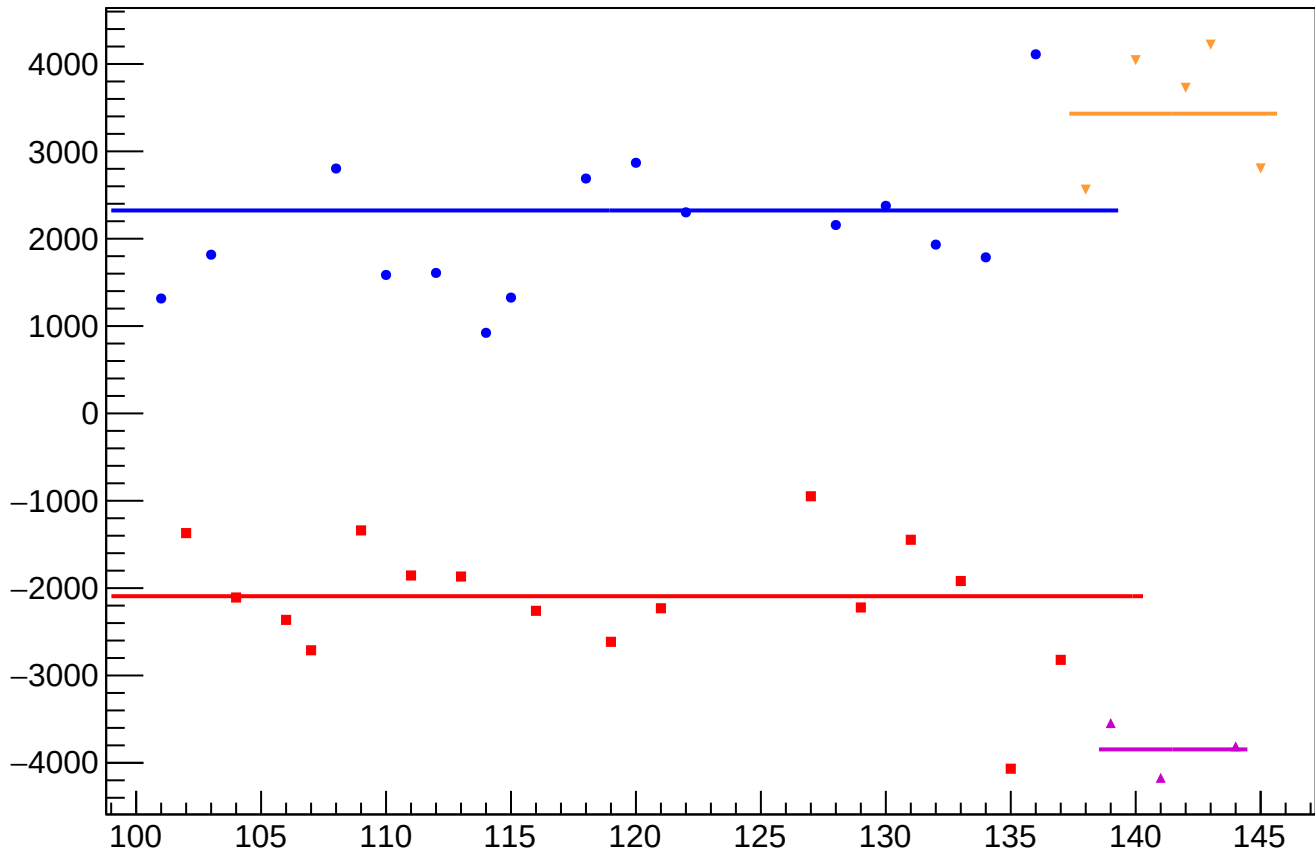
All: 6.517+/-0.000 χ^2/NDF : 32419198675380.0/21

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 2323.372+/-0.000

χ^2/NDF : 476371189888349375964725620757728591872.0/14

Left Out: 3431.442+/-0.000

χ^2/NDF : 166235365342555538430834685807226257408.0/4

Right Out: -2092.458+/-0.000

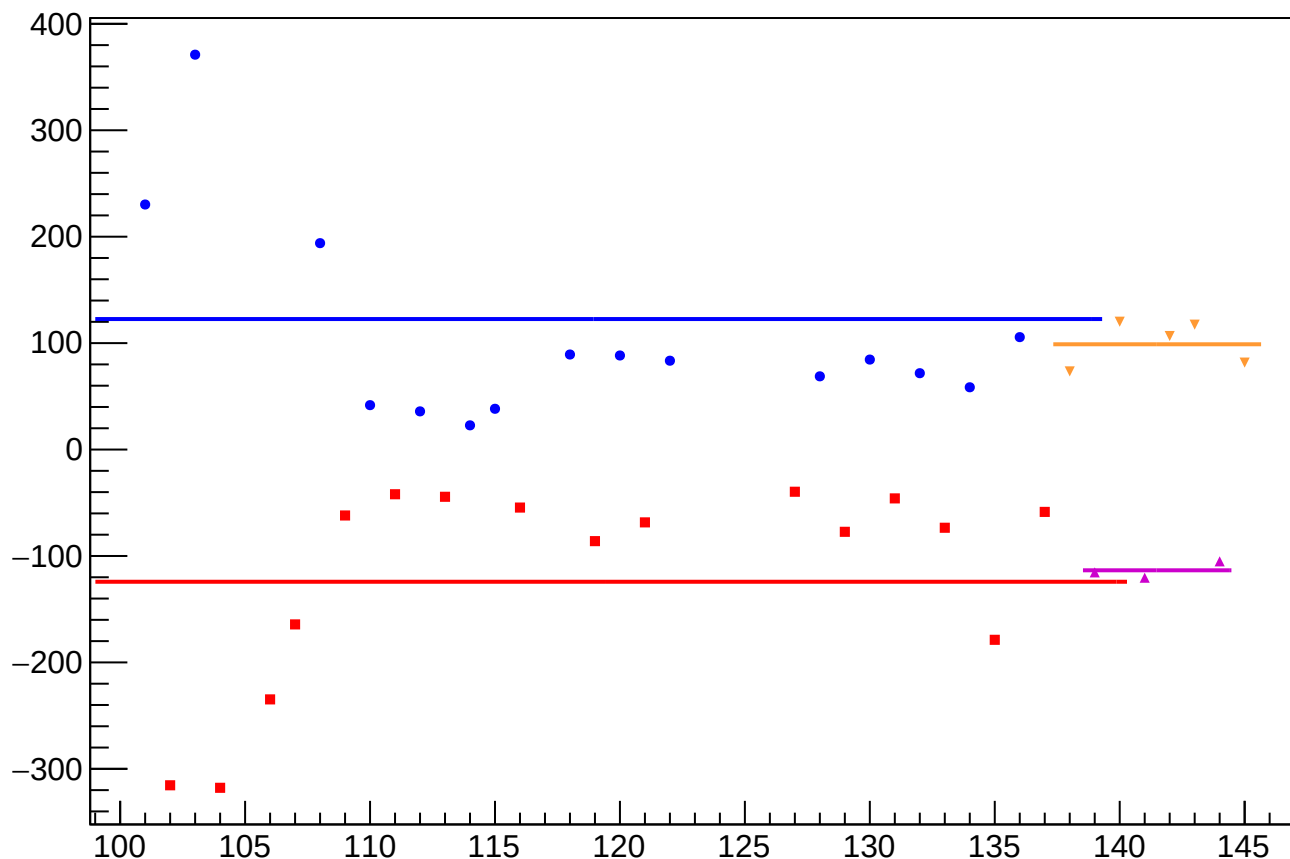
χ^2/NDF : 367126080872166122663684022473339174912.0/15

Left In: -3846.125+/-0.000

χ^2/NDF : 16475127767516860737326817581499154432.0/2

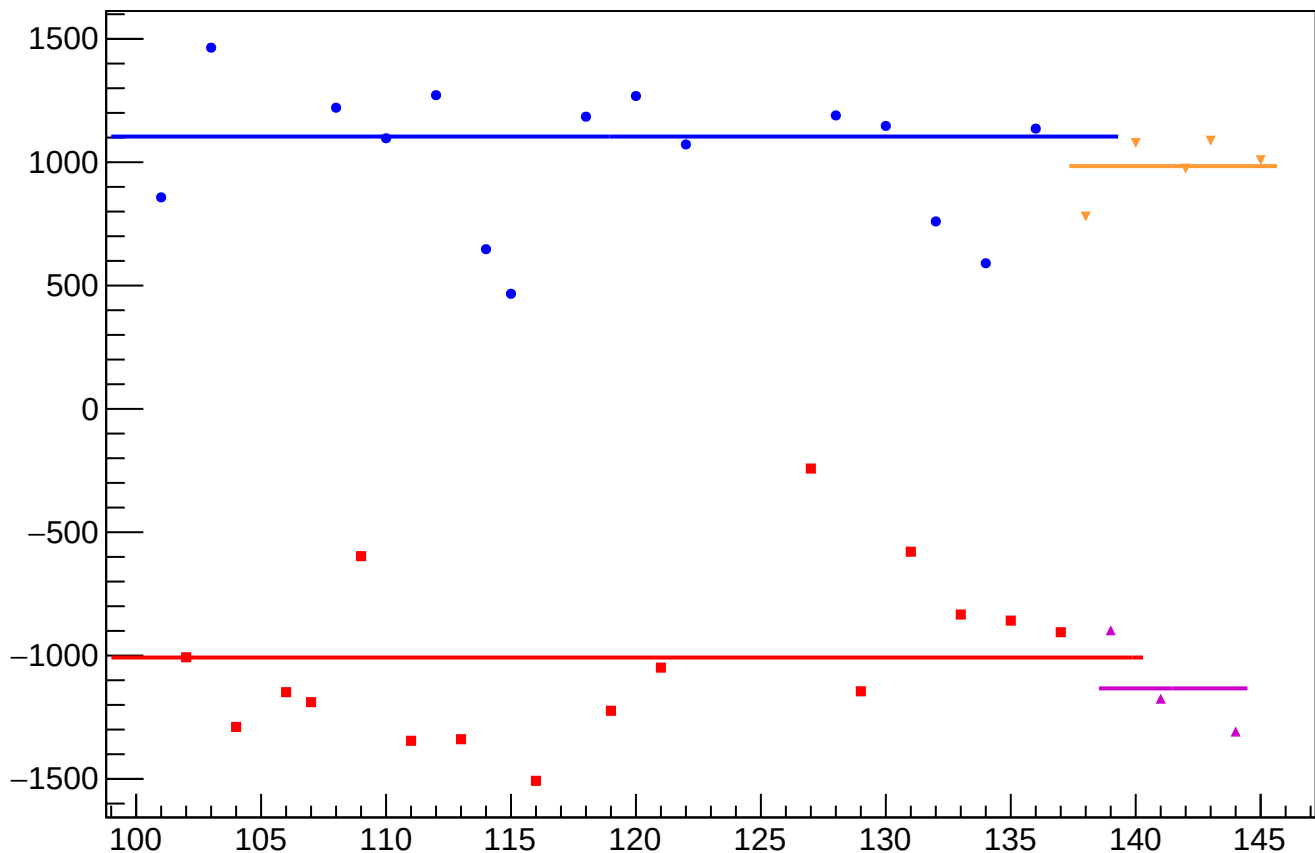
All: 174.752+/-0.000 χ^2/NDF : 152963195247

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



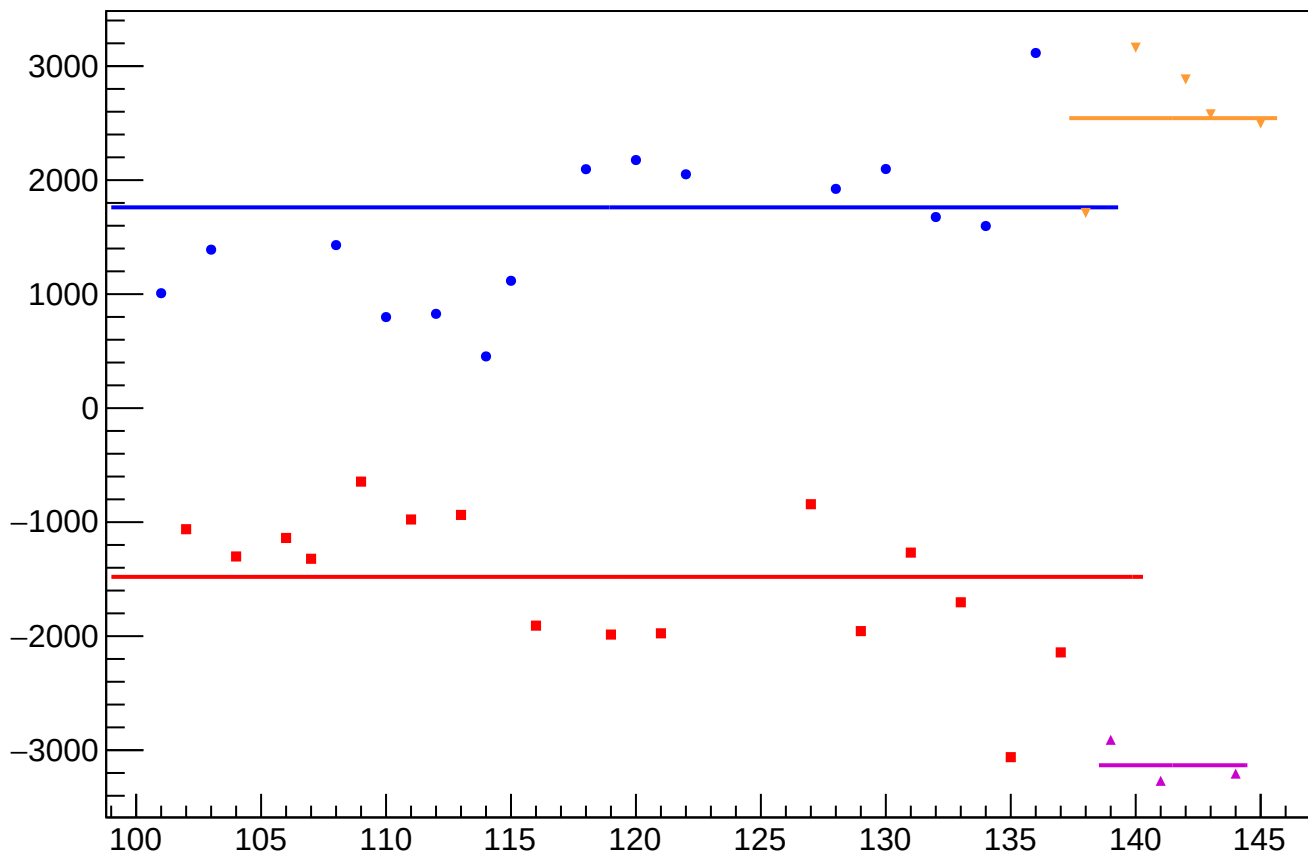
Right In: 122.622 +/- 0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Left Out: 98.917 +/- 0.000 χ^2/NDF : 136192608819221185381673994356260864.0/4
 Right Out: -124.216 +/- 0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15
 Left In: -113.453 +/- 0.000 χ^2/NDF : 10727223750426064728984963076063232.0/2
 All: 1.311 +/- 0.000 χ^2/NDF : 39397481214057

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1761.245+/-0.000

χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 2543.648+/-0.000

χ^2/NDF : 90812718712155453900877214185125052416.0/4

Right Out: -1479.801+/-0.000

χ^2/NDF : 263467768134780968832551238609236131840.0/15

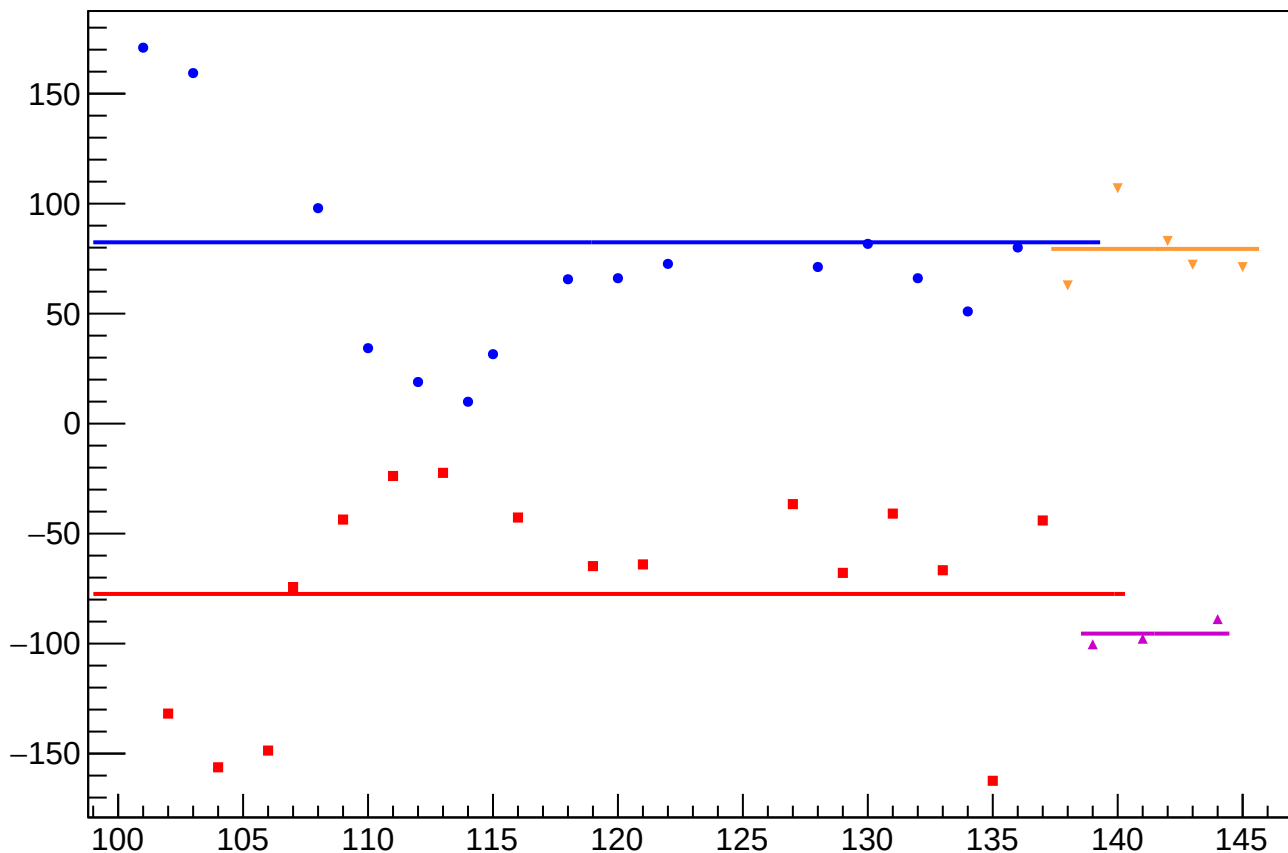
Left In: -3132.307+/-0.000

χ^2/NDF : 6100210108906256631027046000132882432.0/2

All: 130.126+/-0.000

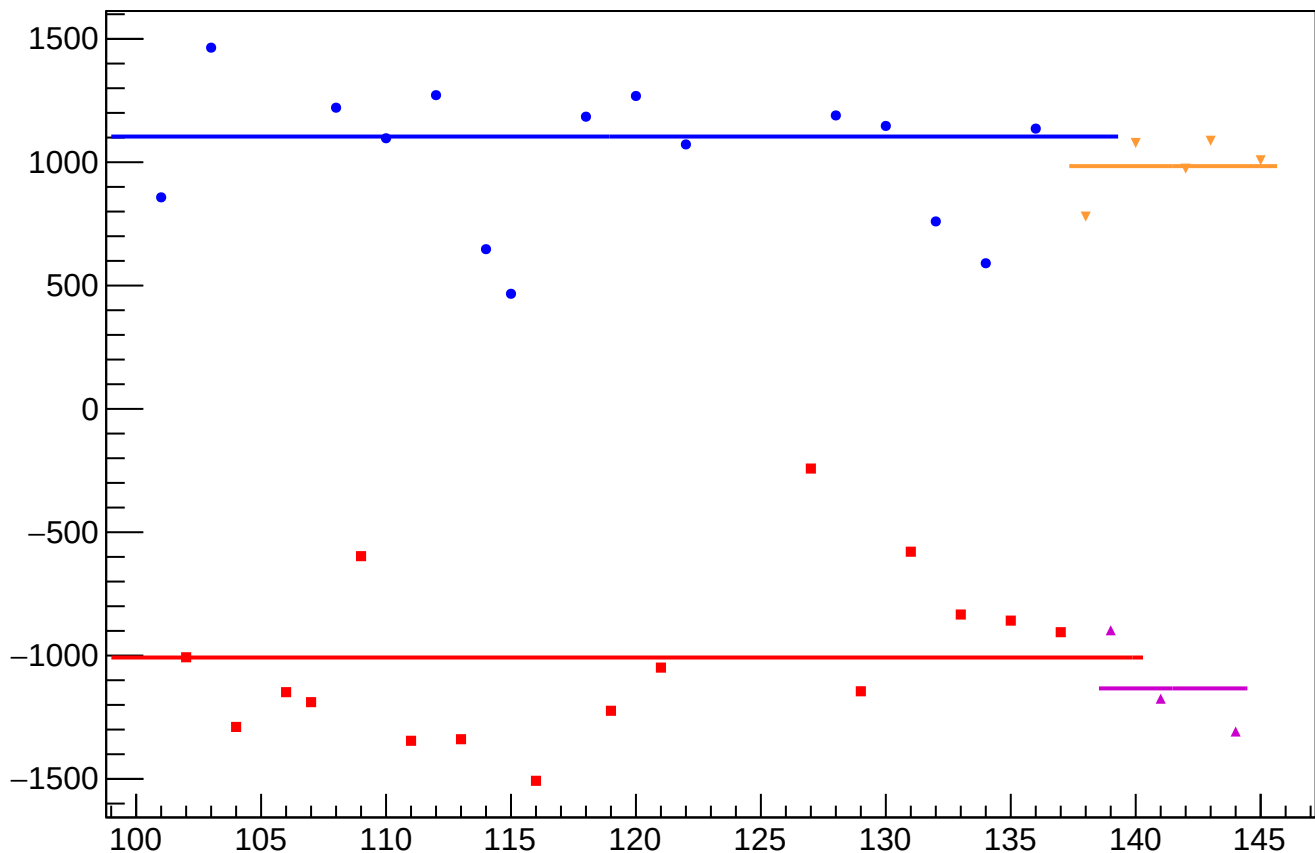
χ^2/NDF : 890674747446

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



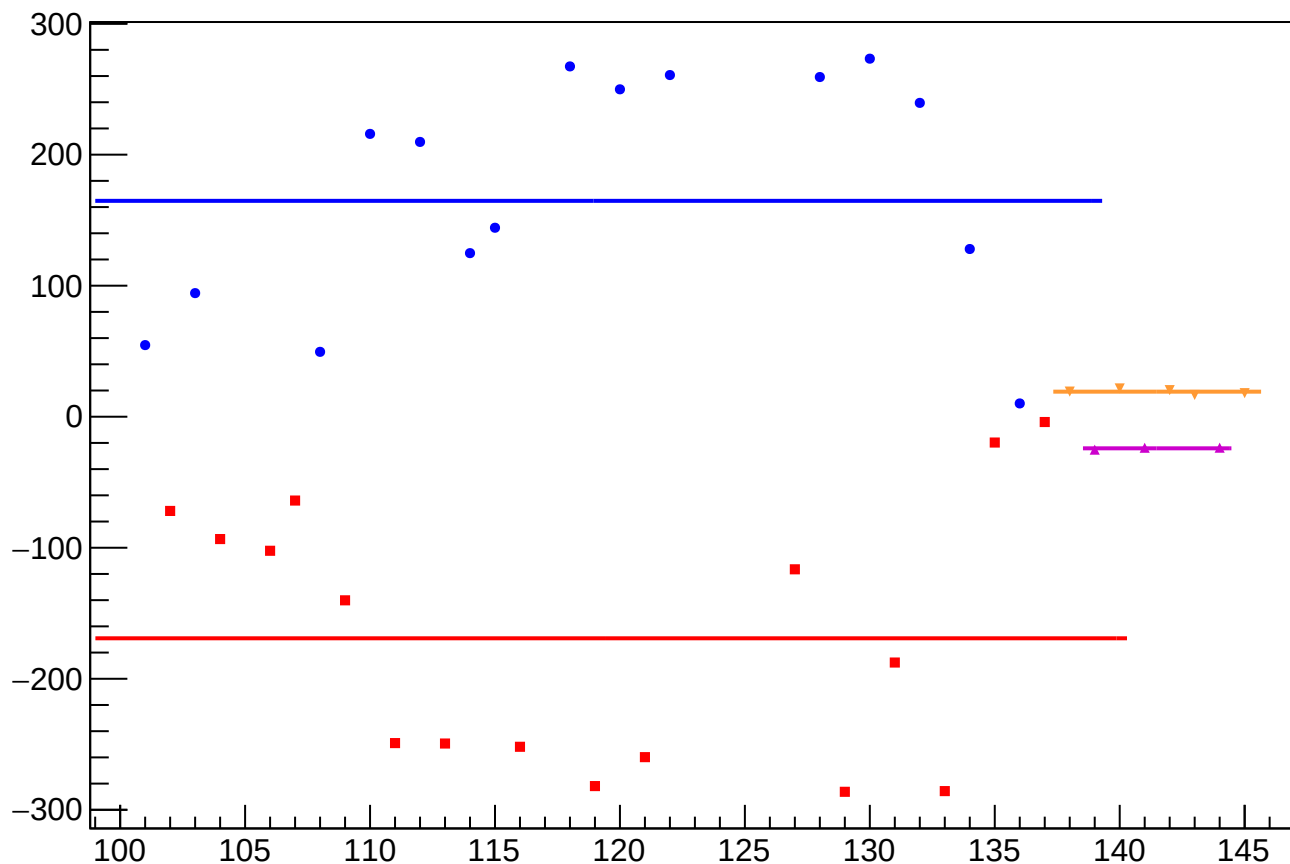
Left: 5.836 +/- 0.000 χ^2/NDF : 461684843257159320
 Right: 1.403 +/- 0.000 χ^2/NDF : 11184350671309506
 In: 32.245 +/- 0.000 χ^2/NDF : 706252498223963713
 Out: -23.347 +/- 0.000 χ^2/NDF : 7267083708618204
 All: 2.801 +/- 0.000 χ^2/NDF : 15809354886440

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



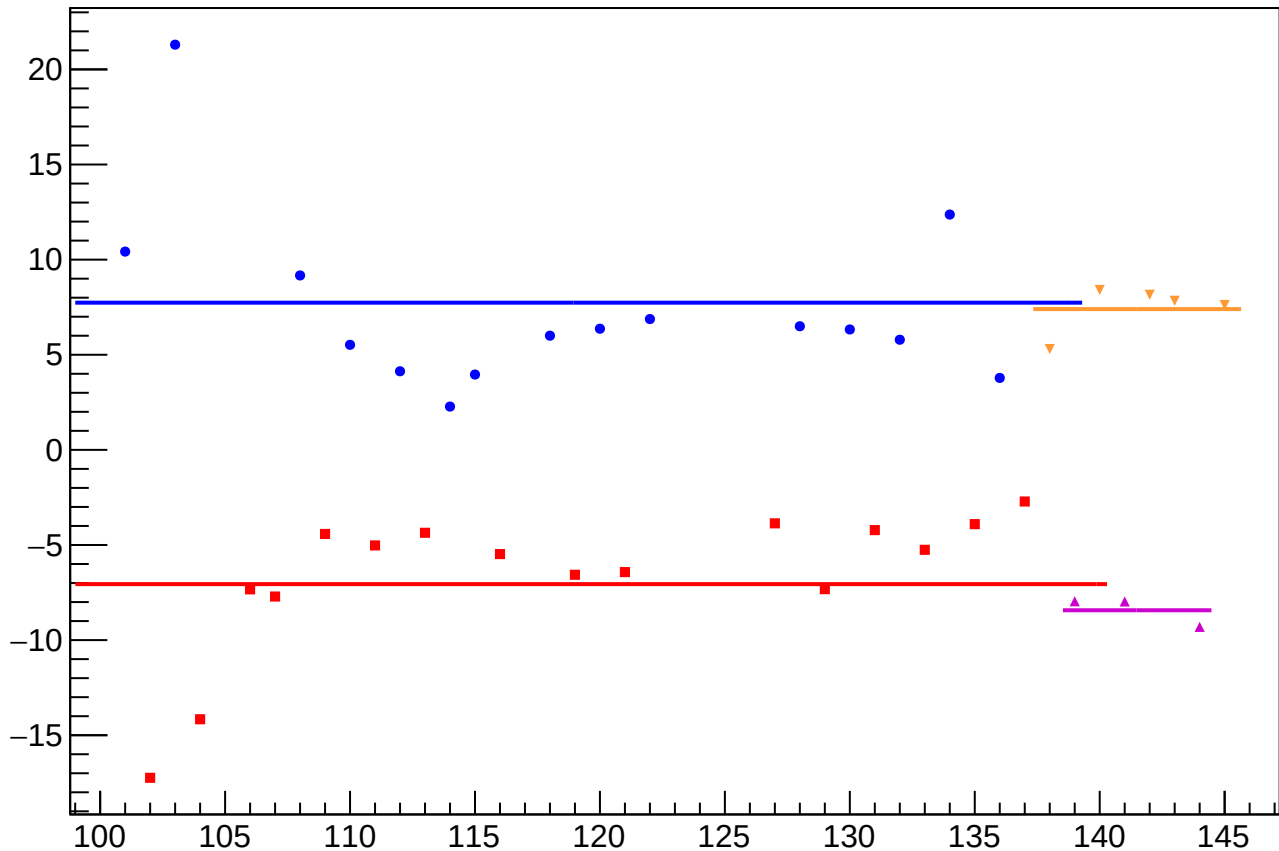
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 984.188+/-0.000 χ^2/NDF : 4748580512523231124765343613372596224.0/4
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2
 All: 52.445+/-0.000 χ^2/NDF : 2244800451425

dit_4aX_coil7_mean vs Slug, Sign Corrected



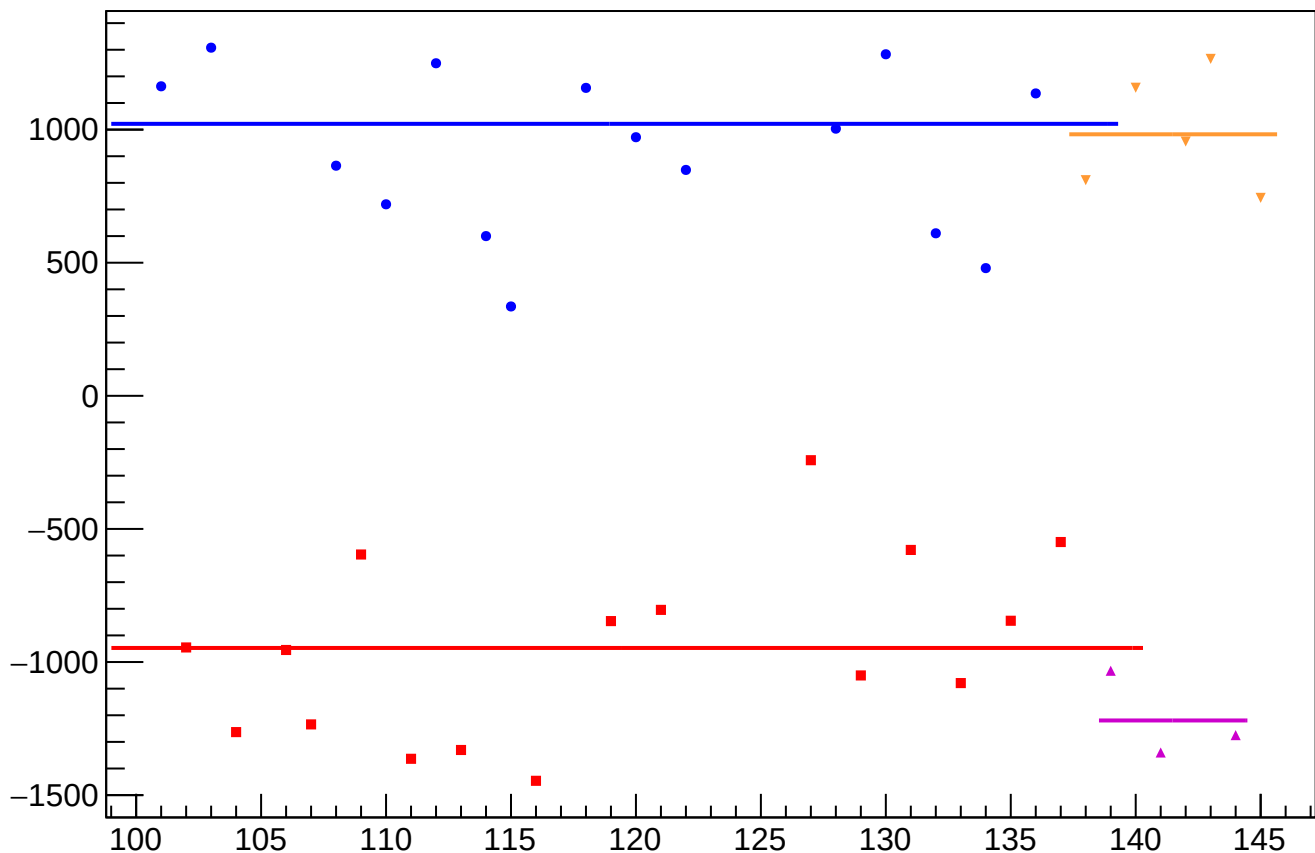
Left: 0.928+/-0.000 χ^2/NDF : 277469427145201589
 Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14
 Right: -4.461+/-0.000 χ^2/NDF : 4907468178563624
 Left Out: 19.126+/-0.000 χ^2/NDF : 1094948659257400452034896402055168.0/4
 In: 111.474+/-0.000 χ^2/NDF : 12900645250946229
 Right Out: -169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15
 Out: -104.206+/-0.000 χ^2/NDF : 141903383586199
 Left In: -24.122+/-0.000 χ^2/NDF : 122786044110205898100488542355456.0/2
 All: -2.762+/-0.000 χ^2/NDF : 4936420000257

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



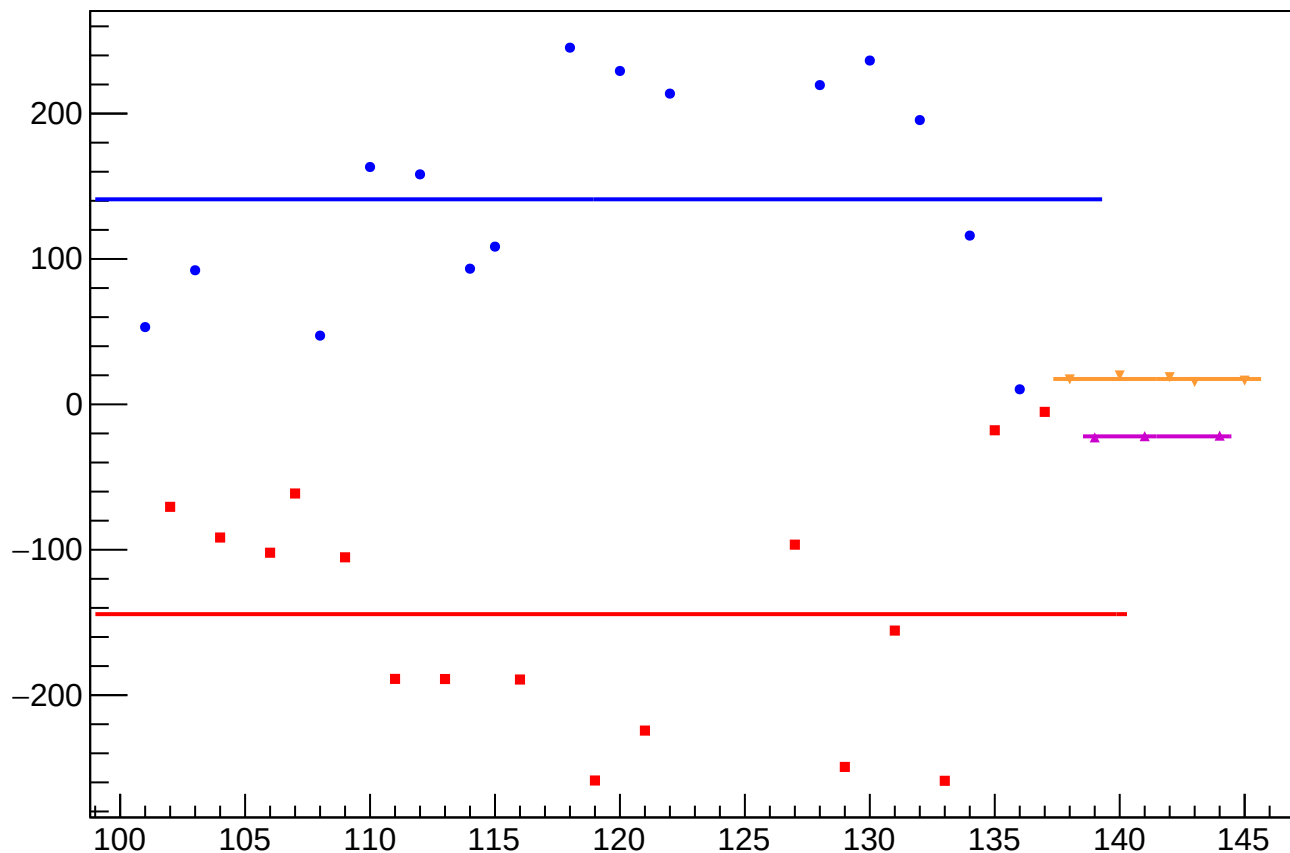
Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 7.400+/-0.000 χ^2/NDF : 469907911928162422491156496515072.0/4
 Right Out: -7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: -8.432+/-0.000 χ^2/NDF : 104327312383756921905156794089472.0/2
 All: 0.397+/-0.000 χ^2/NDF : 13612290114874

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



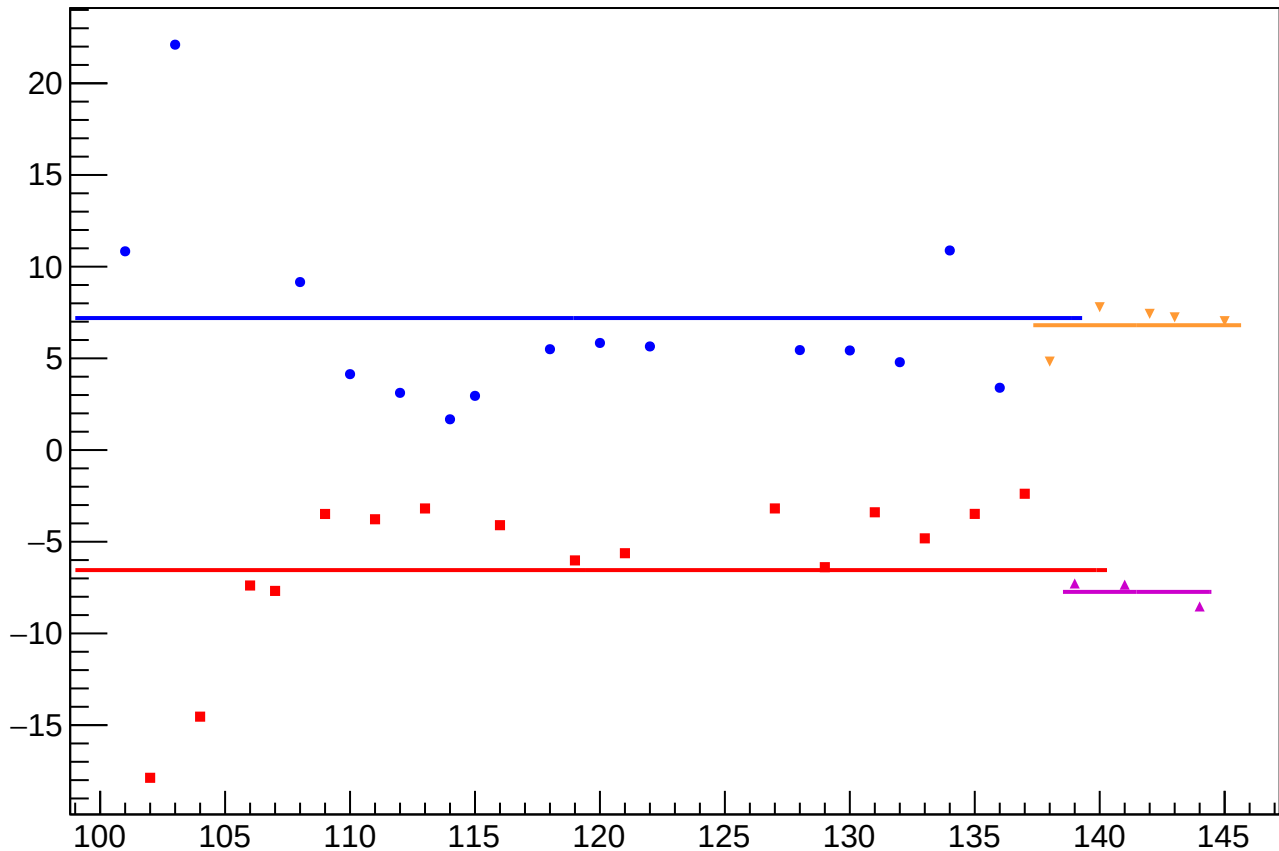
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 55.842+/-0.000	χ^2/NDF : 73510239461400424
Left Out: 982.382+/-0.000	χ^2/NDF : 14685782444975955043646013458404605952.0/4	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 389.488+/-0.000	χ^2/NDF : 96437210531074217
Left In: -1219.514+/-0.000	χ^2/NDF : 4325839922214845015970174629559926784.0/2	Out: -281.857+/-0.000	χ^2/NDF : 938693615780958
	All: 33.906+/-0.000		χ^2/NDF : 2118866786119

dit_4eX_coil7_mean vs Slug, Sign Corrected



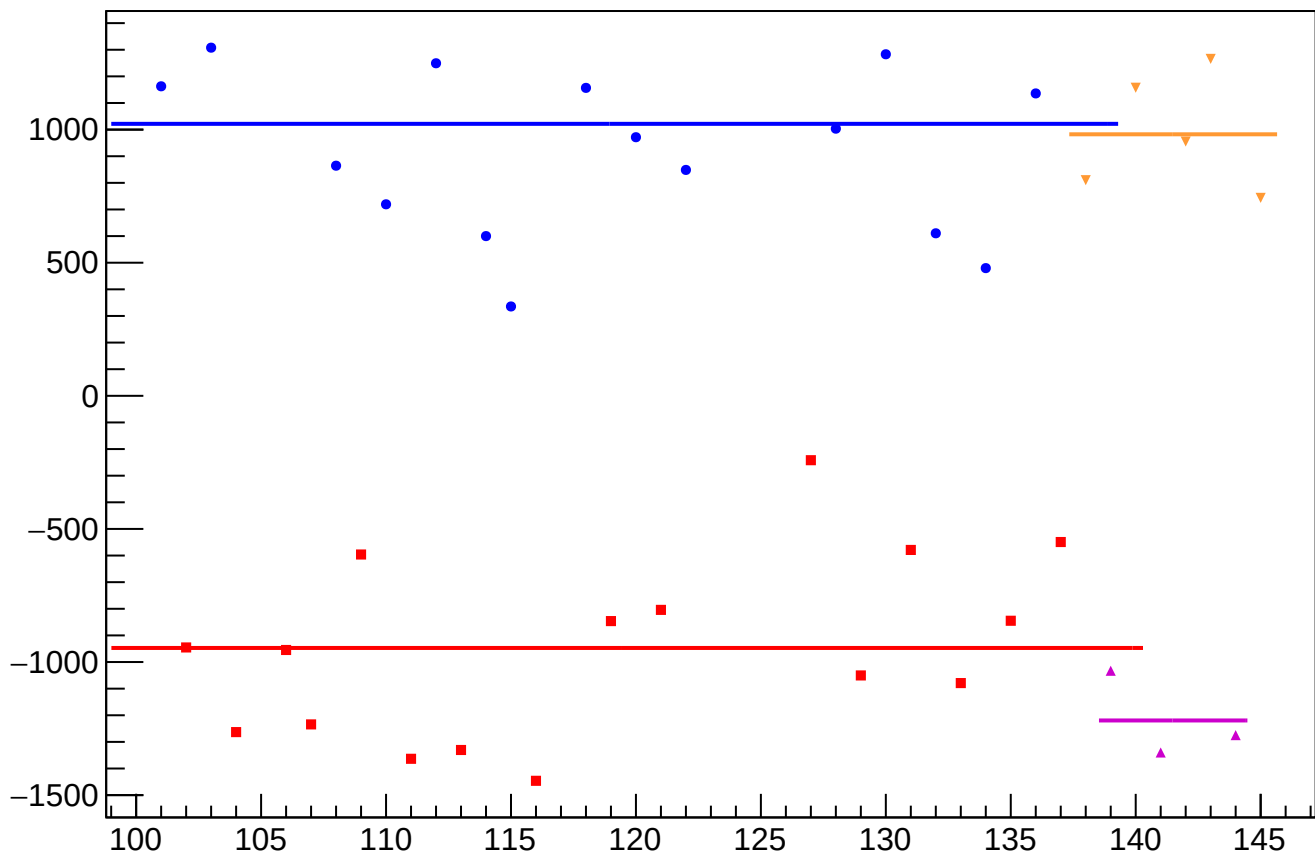
Left: 0.854 ± 0.000 $\chi^2/\text{NDF}: 23116617436000893$
 Right In: 141.032 ± 0.000 $\chi^2/\text{NDF}: 4507992585512923332587415612245934080.0/14$
 Right: -3.577 ± 0.000 $\chi^2/\text{NDF}: 3555338643006251$
 Left Out: 17.465 ± 0.000 $\chi^2/\text{NDF}: 951565106709950963781636687134720.0/4$
 In: 95.041 ± 0.000 $\chi^2/\text{NDF}: 937452160809530703$
 Right Out: -144.283 ± 0.000 $\chi^2/\text{NDF}: 4268333571517740886065361663928827904.0/15$
 Out: -88.513 ± 0.000 $\chi^2/\text{NDF}: 1028603300666926$
 Left In: -22.010 ± 0.000 $\chi^2/\text{NDF}: 63171630721435337378905121095680.0/2$
 All: -2.180 ± 0.000 $\chi^2/\text{NDF}: 3579269927260$

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



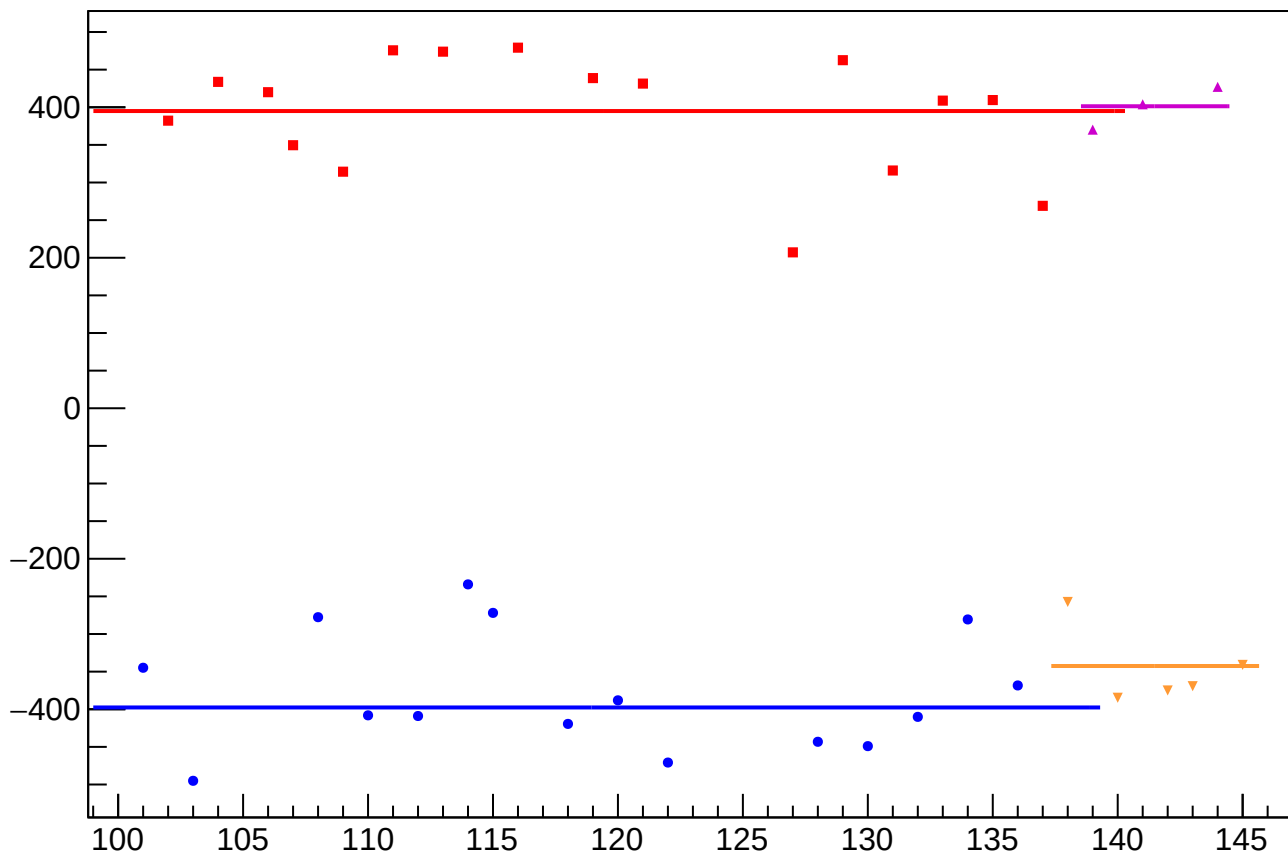
Left: 0.688 +/- 0.000 χ^2/NDF : 317380989793071842
 Right: 0.232 +/- 0.000 χ^2/NDF : 94430884745367791
 In: 2.986 +/- 0.000 χ^2/NDF : 591188396993656005
 Out: -1.942 +/- 0.000 χ^2/NDF : 55508494213624191
 All: 0.376 +/- 0.000 χ^2/NDF : 12625545182747

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 982.382 $\pm$ 0.000 χ^2 /NDF: 14685782444975955043646013458404605952.0/4
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1219.514 $\pm$ 0.000 χ^2 /NDF: 4325839922214845015970174629559926784.0/2
 All: 33.906 $\pm$ 0.000 χ^2 /NDF: 2118866786119

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000

χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -342.513+/-0.000

χ^2/NDF : 807868972812303157424942403393945600.0/4

Right Out: 394.973+/-0.000

χ^2/NDF : 3685595513427183501596165280874102784.0/15

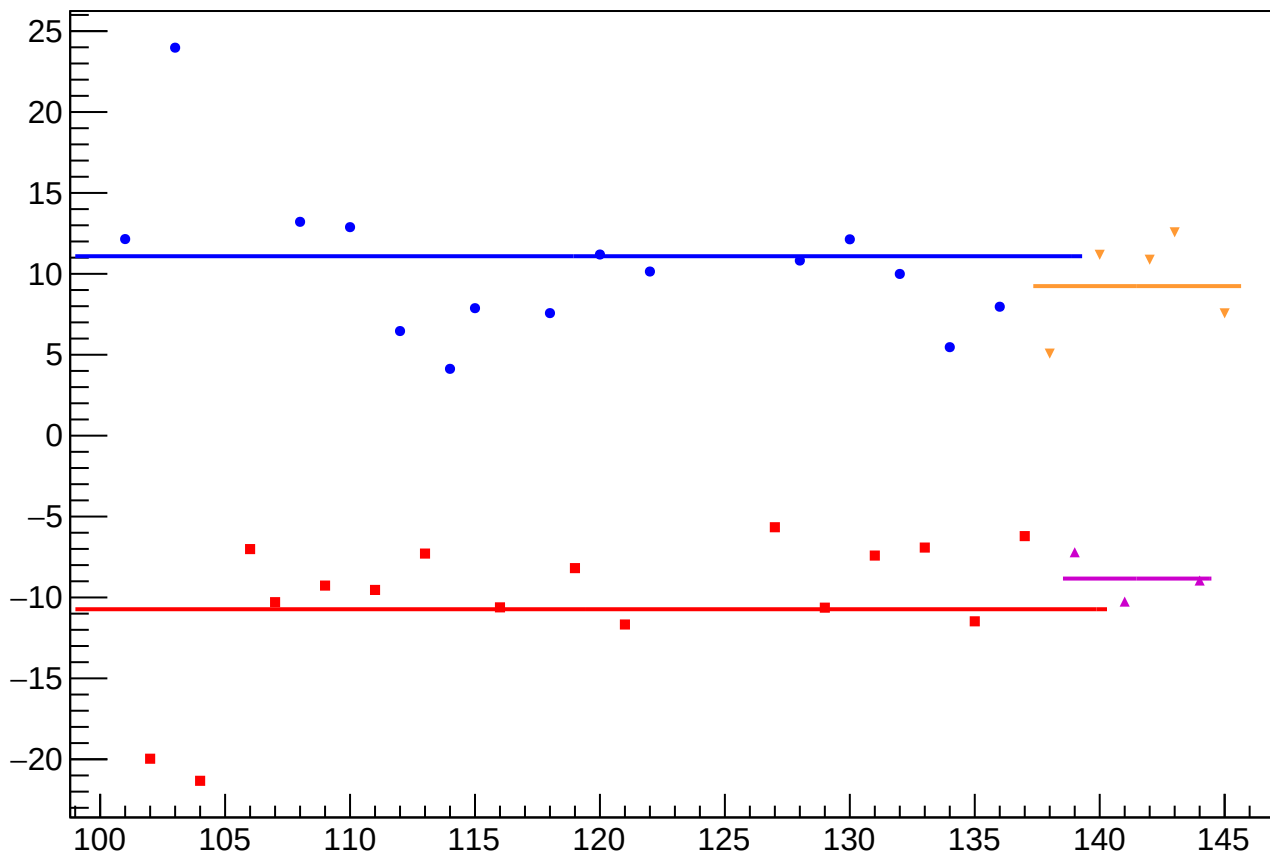
Left In: 401.339+/-0.000

χ^2/NDF : 137975712227954492539046278182469632.0/2

All: -6.496+/-0.000

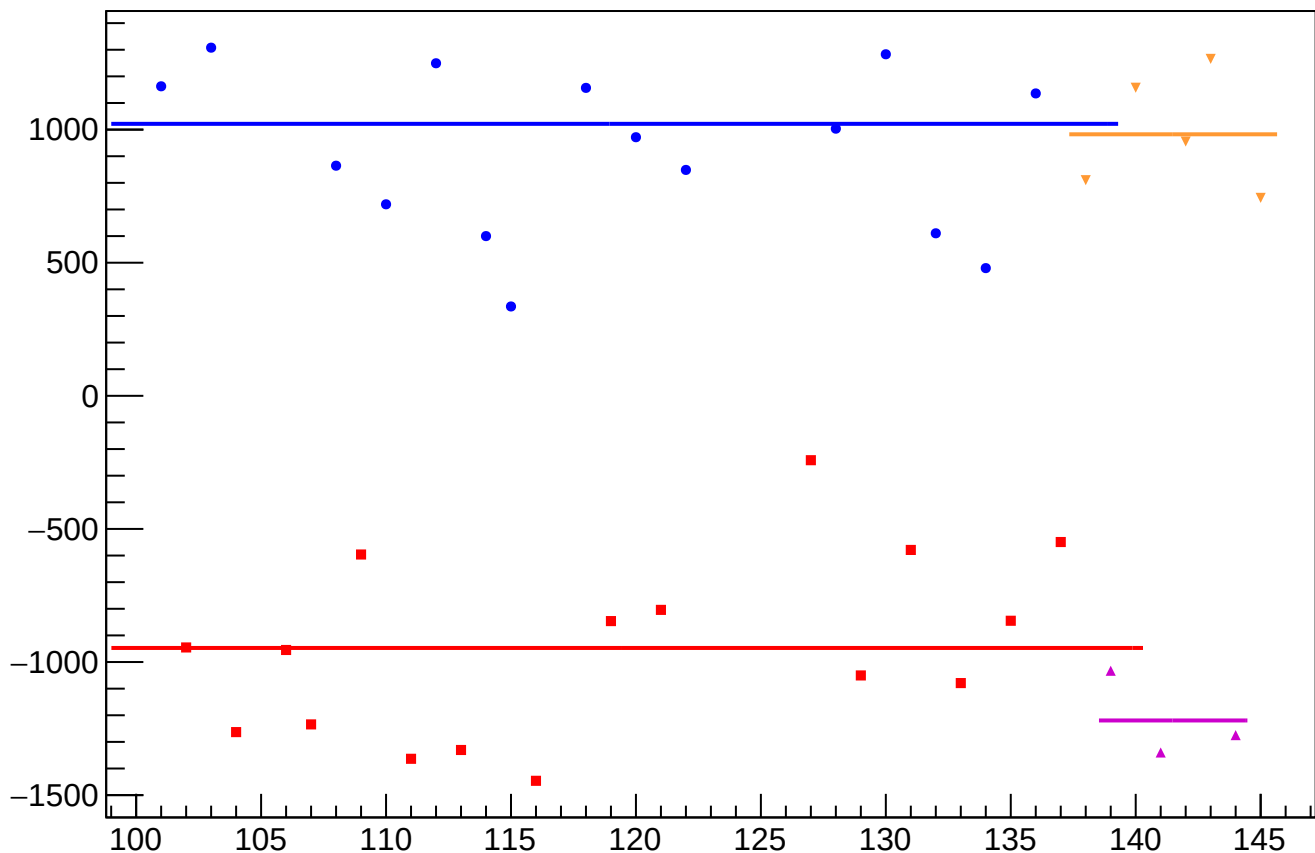
χ^2/NDF : 2961215551008

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



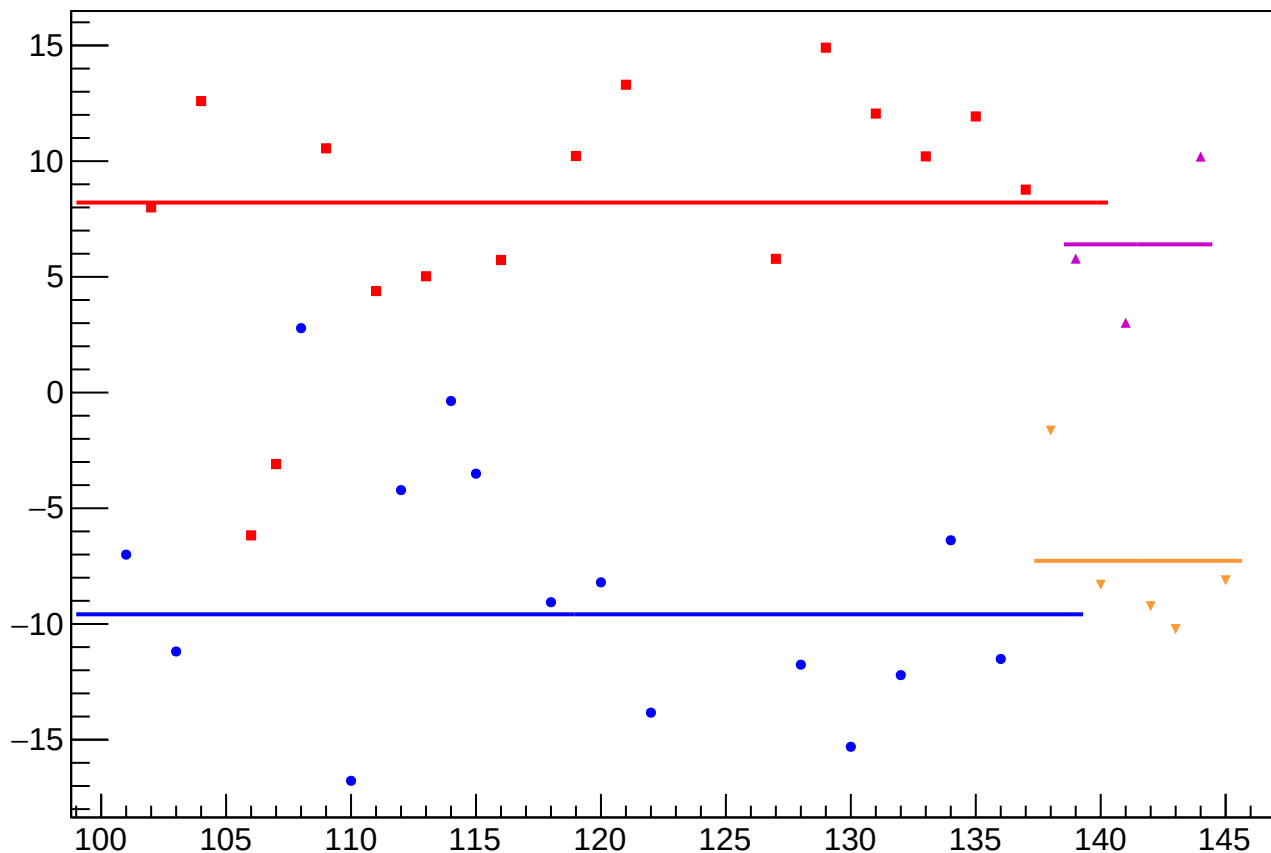
Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14
 Left Out: 9.241 $\pm$ 0.000 χ^2 /NDF: 2748448950299839901986747223900160.0/4
 Right Out: -10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15
 Left In: -8.833 $\pm$ 0.000 χ^2 /NDF: 387620093401073371552326942195712.0/2
 All: 0.537 $\pm$ 0.000 χ^2 /NDF: 23801763470305

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



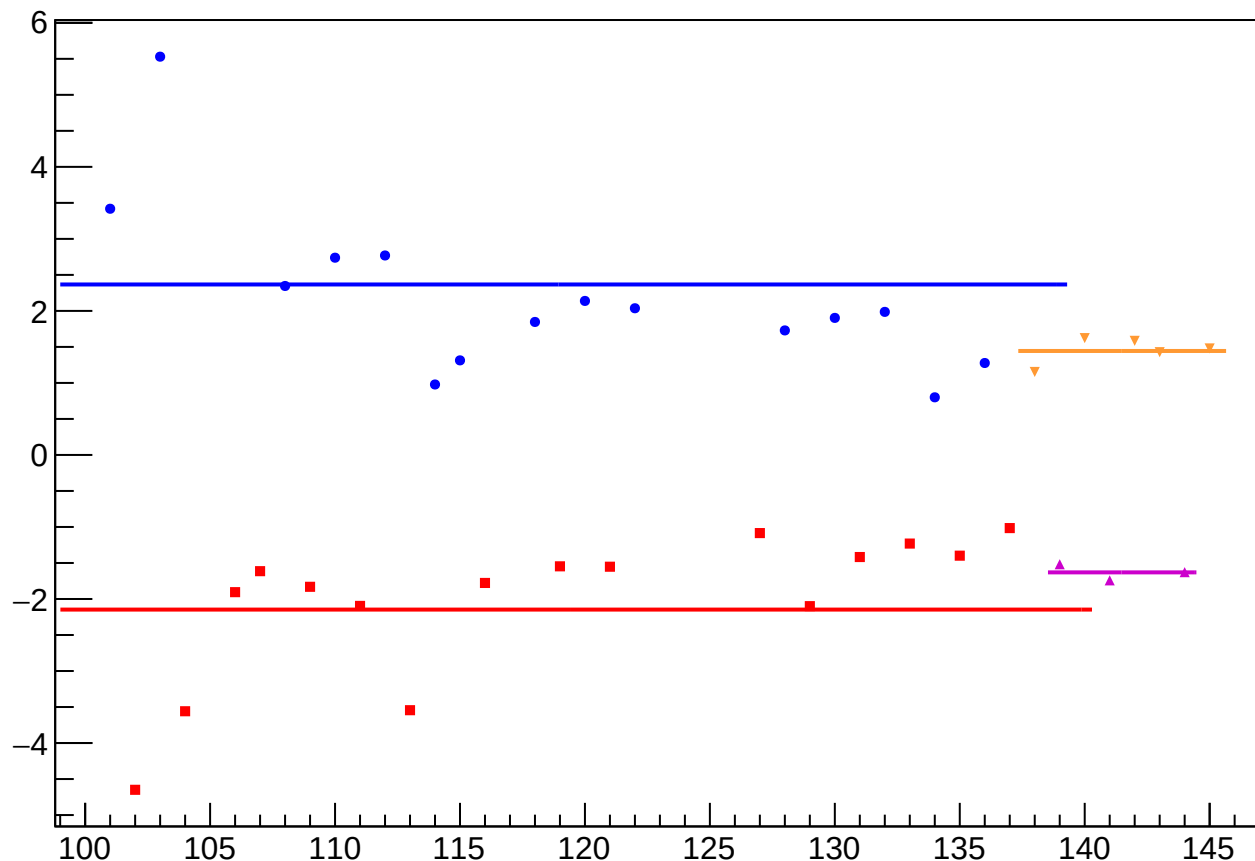
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 982.382 $\pm$ 0.000 χ^2 /NDF: 14685782444975955043646013458404605952.0/4
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1219.514 $\pm$ 0.000 χ^2 /NDF: 4325839922214845015970174629559926784.0/2
 All: 33.906 $\pm$ 0.000 χ^2 /NDF: 2118866786119

dit_4aY_coil7_mean vs Slug, Sign Corrected



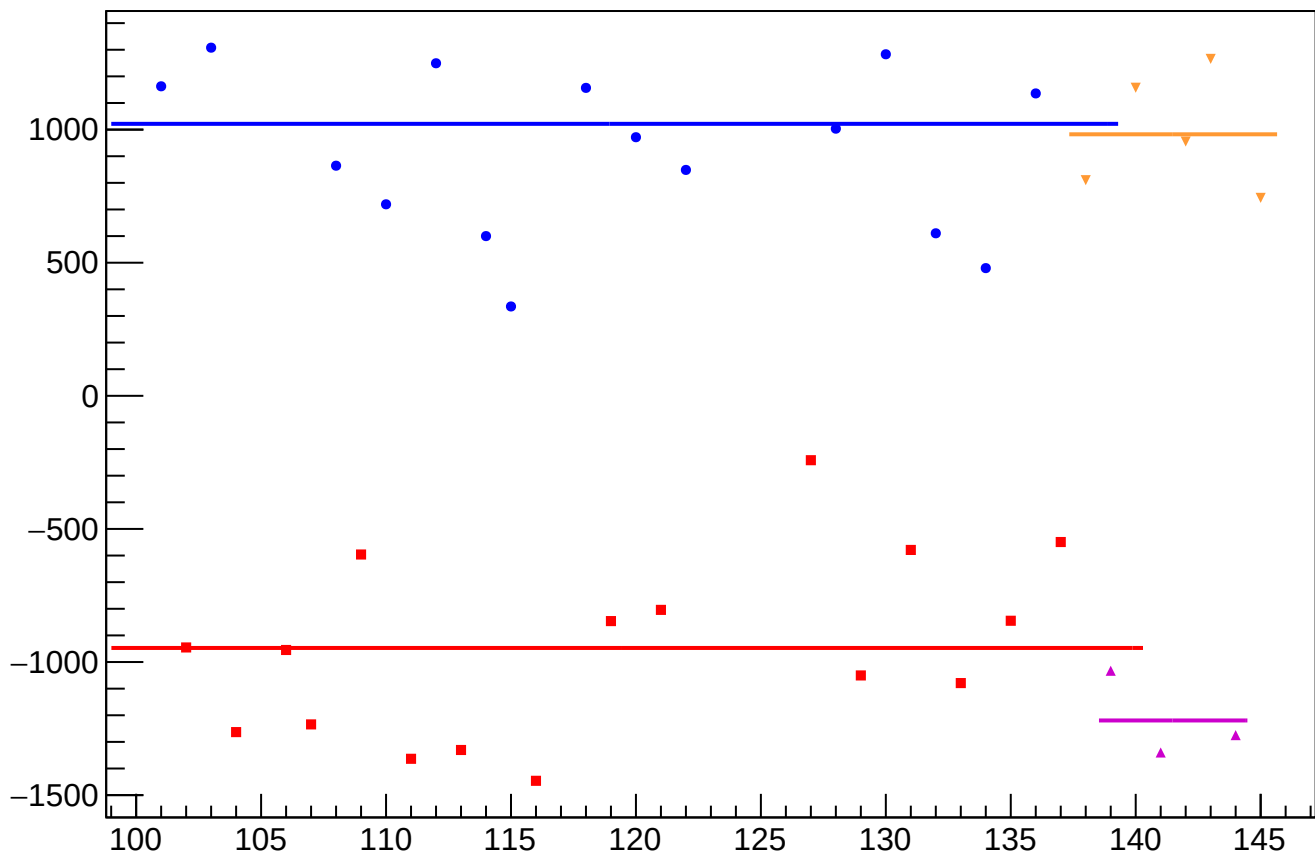
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$
 Left Out: -7.270 ± 0.000 $\chi^2/\text{NDF}: 3371999885646420729588834411479040.0/4$
 Right Out: 8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$
 Left In: 6.404 ± 0.000 $\chi^2/\text{NDF}: 2286356538528806853674457198755840.0/2$
 All: -0.864 ± 0.000 $\chi^2/\text{NDF}: 1708014566851$

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



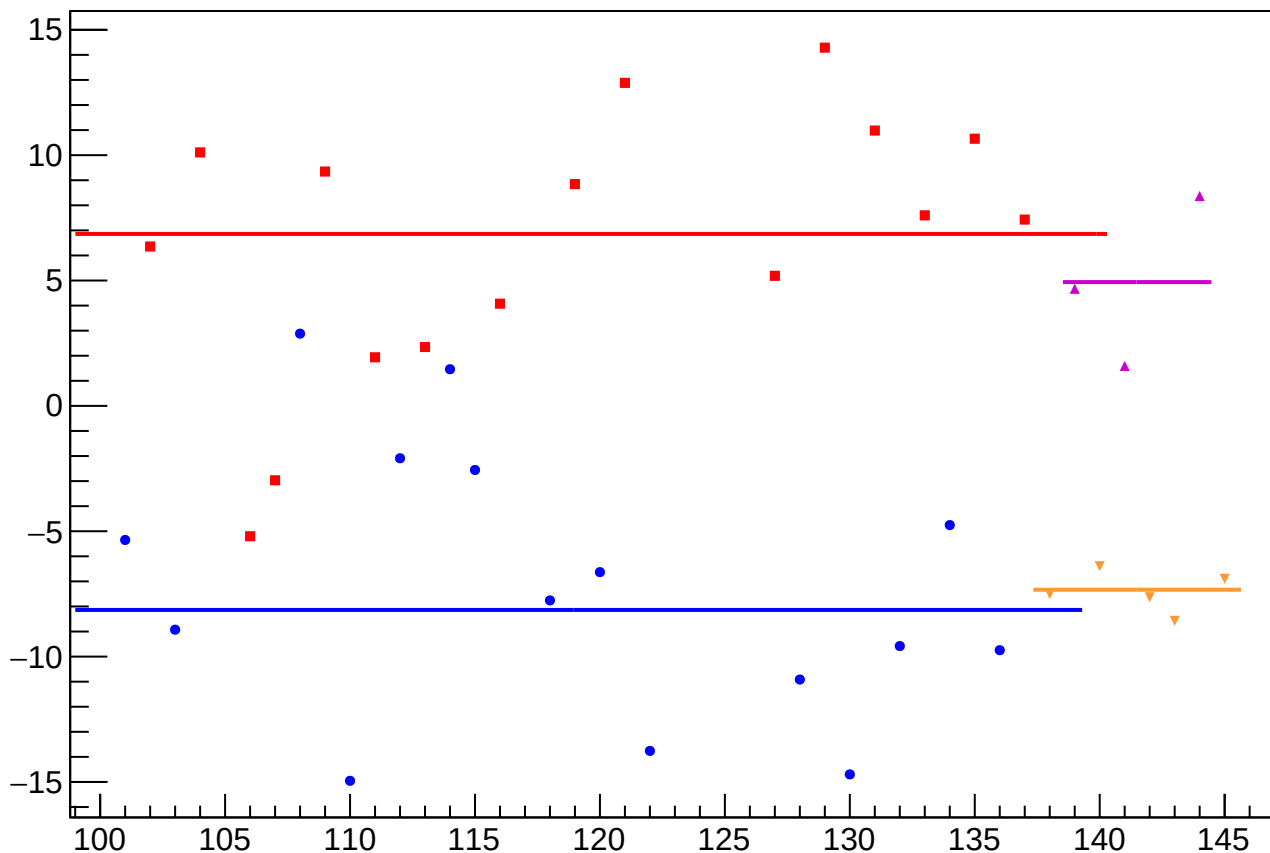
Right In: 2.367+/-0.000 χ^2/NDF : 920633294546152876922066767446016.0/14
 Left Out: 1.444+/-0.000 χ^2/NDF : 10258933346337263242315145674752.0/4
 Right Out: -2.147+/-0.000 χ^2/NDF : 764171992480224478656127555338240.0/15
 Left In: -1.631+/-0.000 χ^2/NDF : 2076564937091778730723465232384.0/2
 All: 0.101+/-0.000 χ^2/NDF : 9798041153804

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



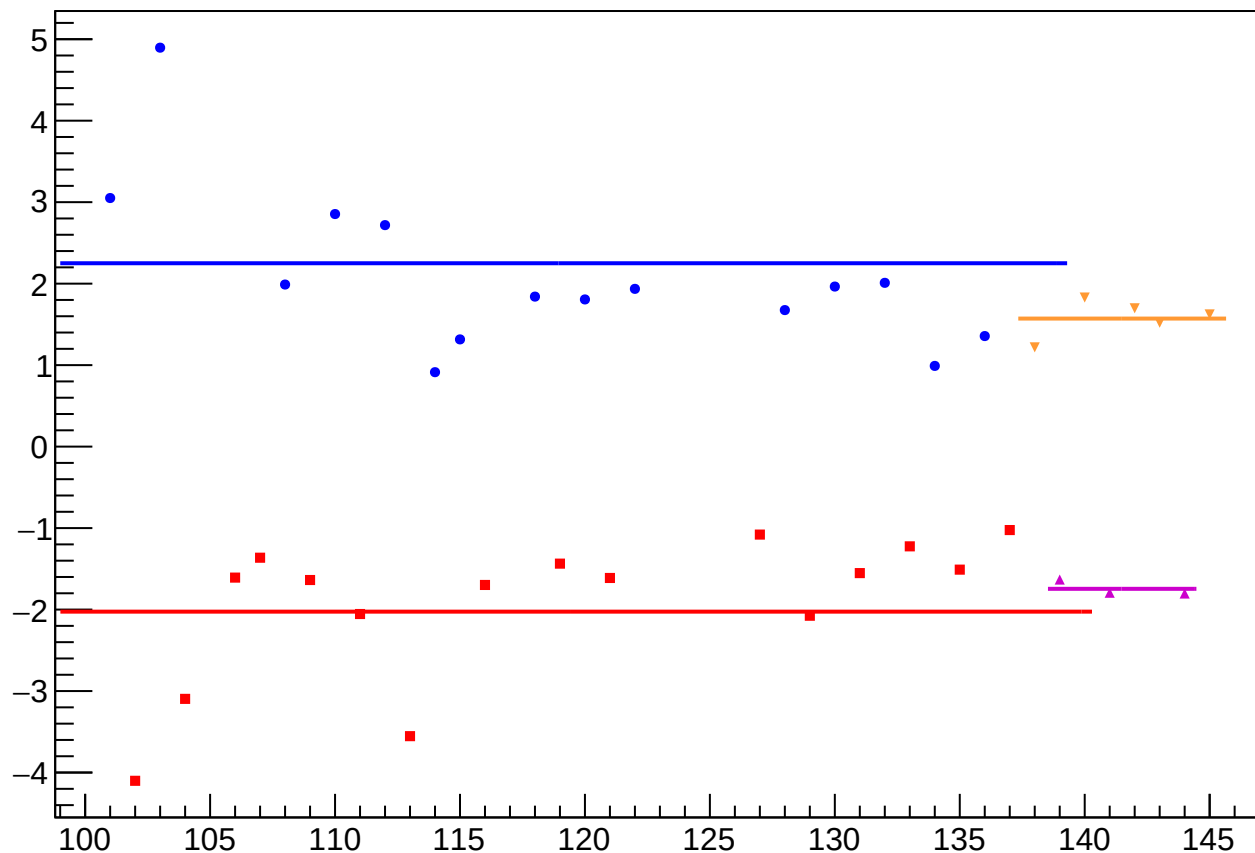
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 982.382 $\pm$ 0.000 χ^2 /NDF: 14685782444975955043646013458404605952.0/4
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1219.514 $\pm$ 0.000 χ^2 /NDF: 4325839922214845015970174629559926784.0/2
 All: 33.906 $\pm$ 0.000 χ^2 /NDF: 2118866786119

dit_4eY_coil7_mean vs Slug, Sign Corrected



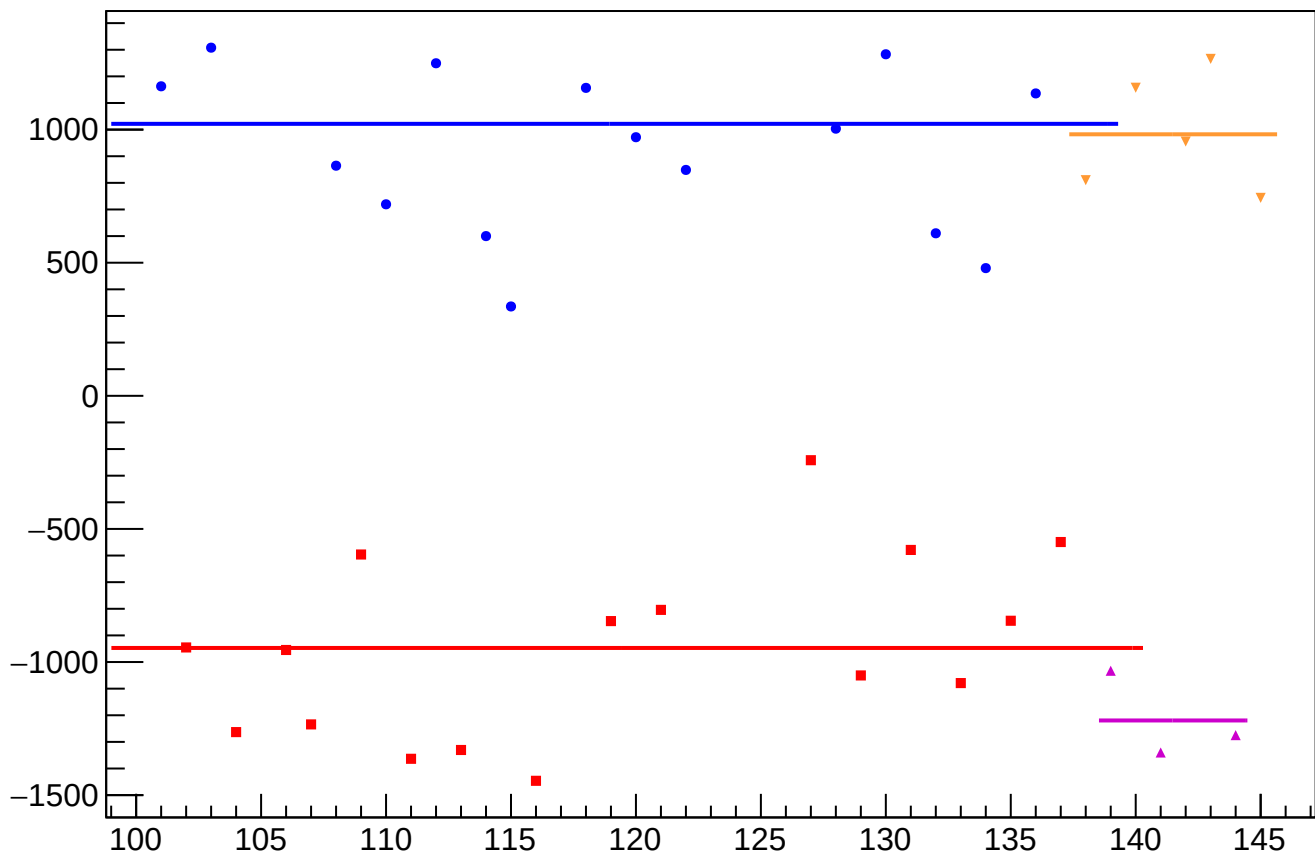
Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14
 Left Out: -7.332 ± 0.000 χ^2/NDF : 197060287838842614562625117224960.0/4
 Right Out: 6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15
 Left In: 4.938 ± 0.000 χ^2/NDF : 2005779000422122230498559740870656.0/2
 All: -1.052 ± 0.000 χ^2/NDF : 1306903019441

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



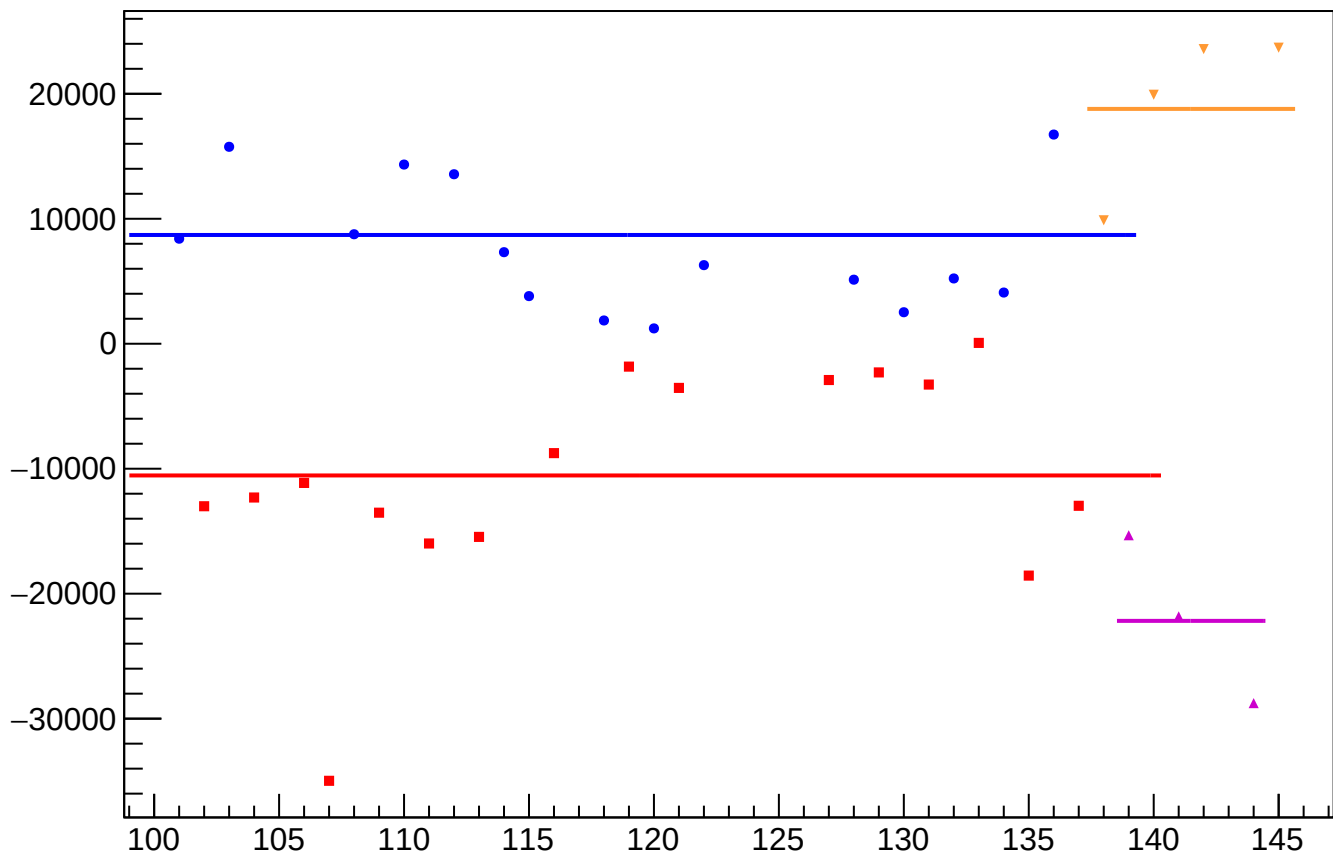
Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.571+/-0.000 χ^2/NDF : 16309965733508903745822149050368.0/4
 Right Out: -2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: -1.745+/-0.000 χ^2/NDF : 1541709448552271189707048615936.0/2
 All: 0.112+/-0.000 χ^2/NDF : 88954615241687

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



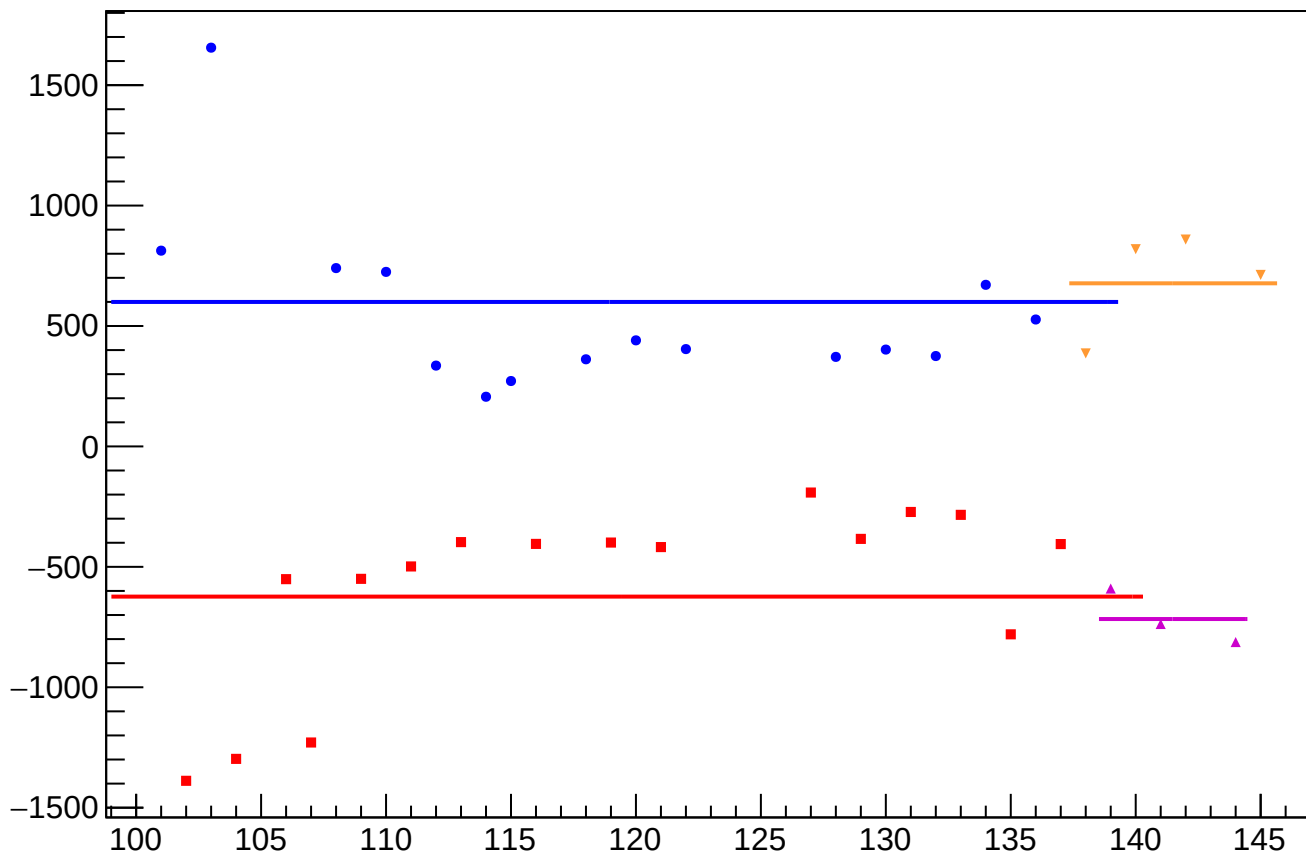
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 55.842+/-0.000	χ^2/NDF : 73510239461400424
Left Out: 982.382+/-0.000	χ^2/NDF : 14685782444975955043646013458404605952.0/4	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 389.488+/-0.000	χ^2/NDF : 96437210531074217
Left In: -1219.514+/-0.000	χ^2/NDF : 4325839922214845015970174629559926784.0/2	Out: -281.857+/-0.000	χ^2/NDF : 938693615780958
	All: 33.906+/-0.000		χ^2/NDF : 2118866786119

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -590.185+/-0.000 χ^2/NDF : 242394123458746
 Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Right: -1049.596+/-0.000 χ^2/NDF : 1875271262832
 Left Out: 18791.298+/-0.000 χ^2/NDF : 9227991570287426270275040094395358511104.0/3
 In: -7.052+/-0.000 χ^2/NDF : 201731358901902444
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Out: -1780.234+/-0.000 χ^2/NDF : 22681342228022
 Left In: -22175.836+/-0.000 χ^2/NDF : 7669060996601189715266967274711920148480.0/2
 All: -916.107+/-0.000 χ^2/NDF : 43000195538

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 599.849 +/- 0.000

χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 677.188 +/- 0.000

χ^2/NDF : 9865737867584028599910166816561823744.0/3

Right Out: -623.569 +/- 0.000

χ^2/NDF : 101448845479297603044152618126879490048.0/15

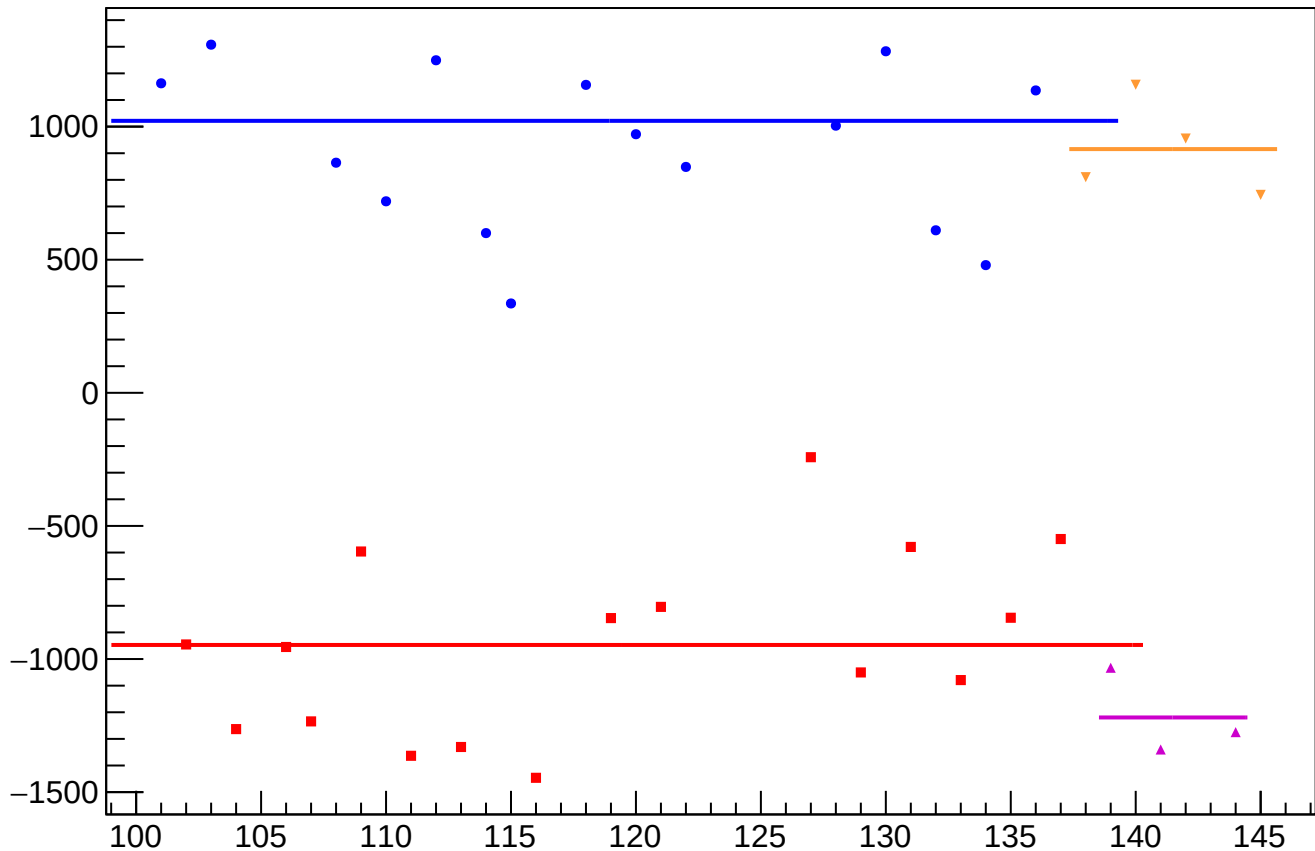
Left In: -716.663 +/- 0.000

χ^2/NDF : 2146821746702083421903081915839152128.0/2

All: -9.189 +/- 0.000

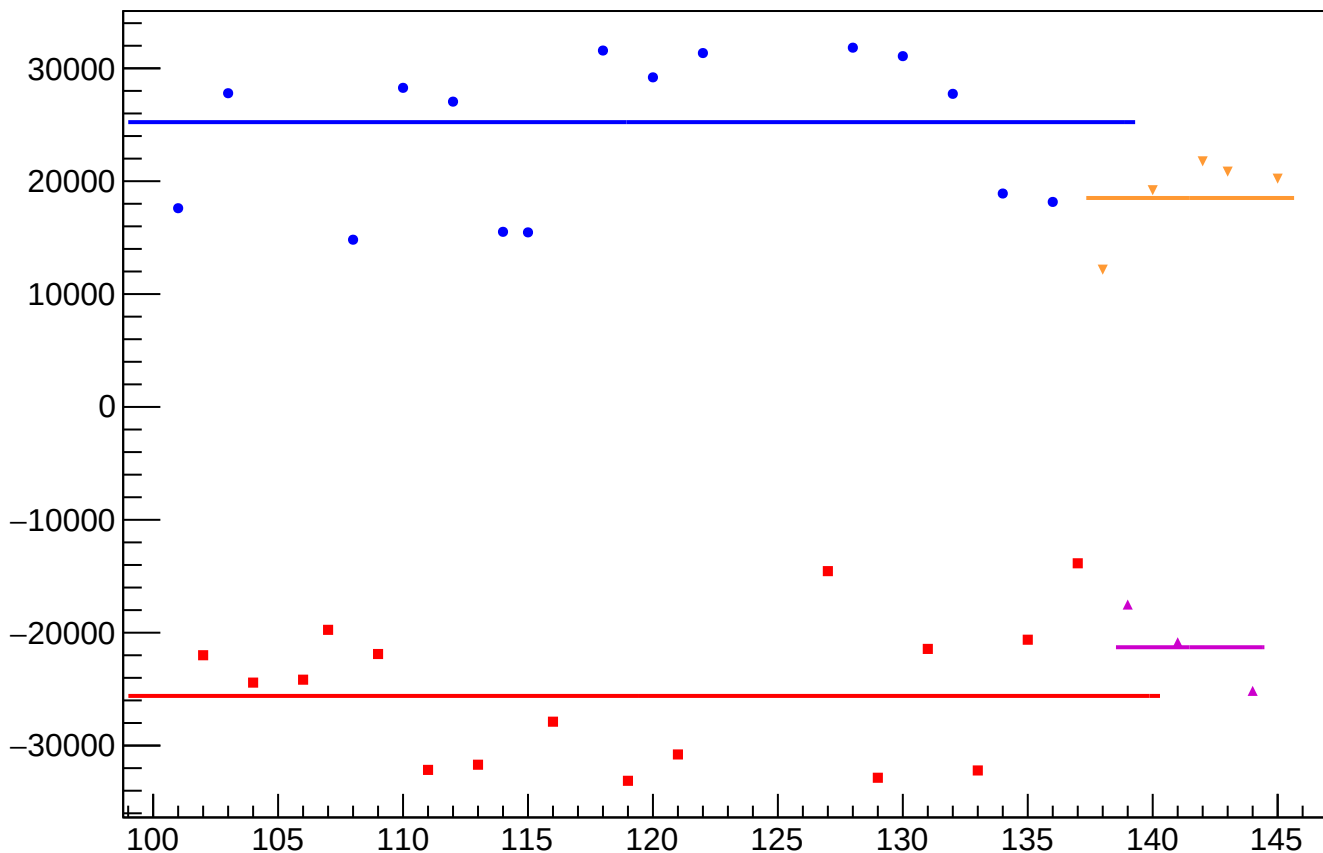
χ^2/NDF : 9566489246353

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



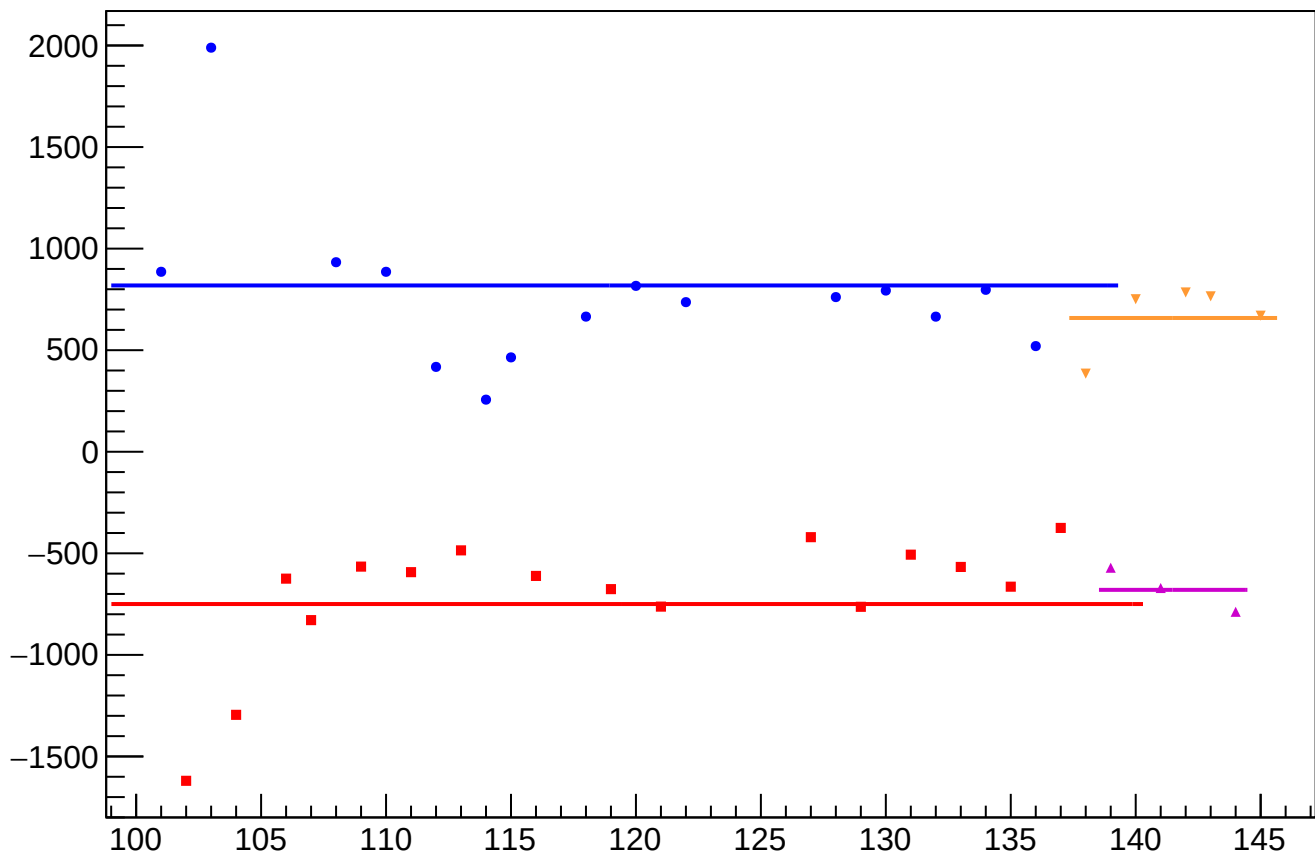
Left: -94.545 +/- 0.000 χ^2/NDF : 6248450822344078
 Right: 23.805 +/- 0.000 χ^2/NDF : 1383338523153511
 In: 389.488 +/- 0.000 χ^2/NDF : 96437210531074217
 Out: -390.883 +/- 0.000 χ^2/NDF : 766934727540337
 All: -10.584 +/- 0.000 χ^2/NDF : 201353957965

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18512.968+/-0.000 χ^2/NDF : 4262073264096376128101495818756355522560.0/4
 Right Out: -25601.388+/-0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: -21288.406+/-0.000 χ^2/NDF : 2504746071667990936714745163461328633856.0/2
 All: 192.039+/-0.000 χ^2/NDF : 114182190410

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 818.668+/-0.000

χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 658.568+/-0.000

χ^2/NDF : 8049557725442334819911059985223647232.0/4

Right Out: -749.661+/-0.000

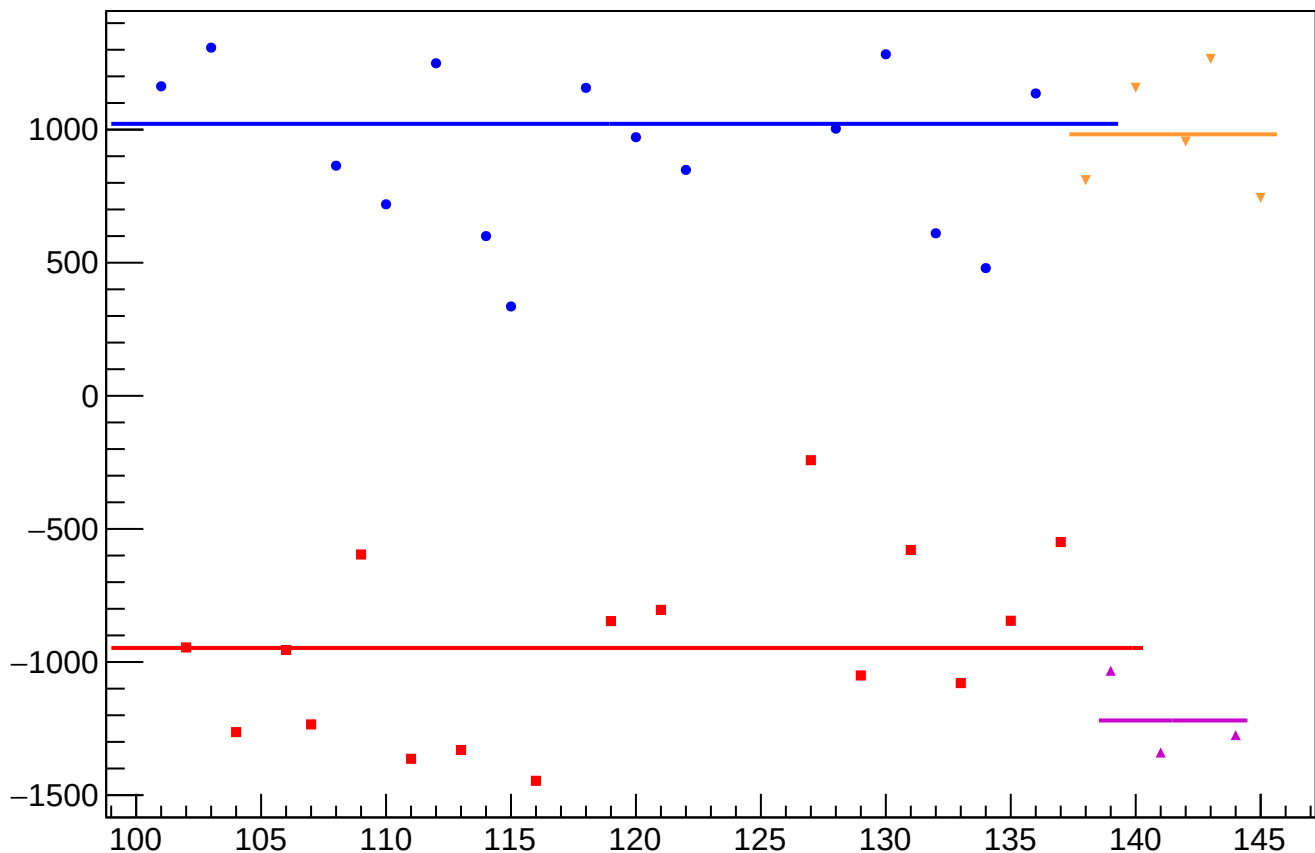
χ^2/NDF : 77972691834605708706145461250669150208.0/15

Left In: -679.850+/-0.000

χ^2/NDF : 2005809881553195199400467556150018048.0/2

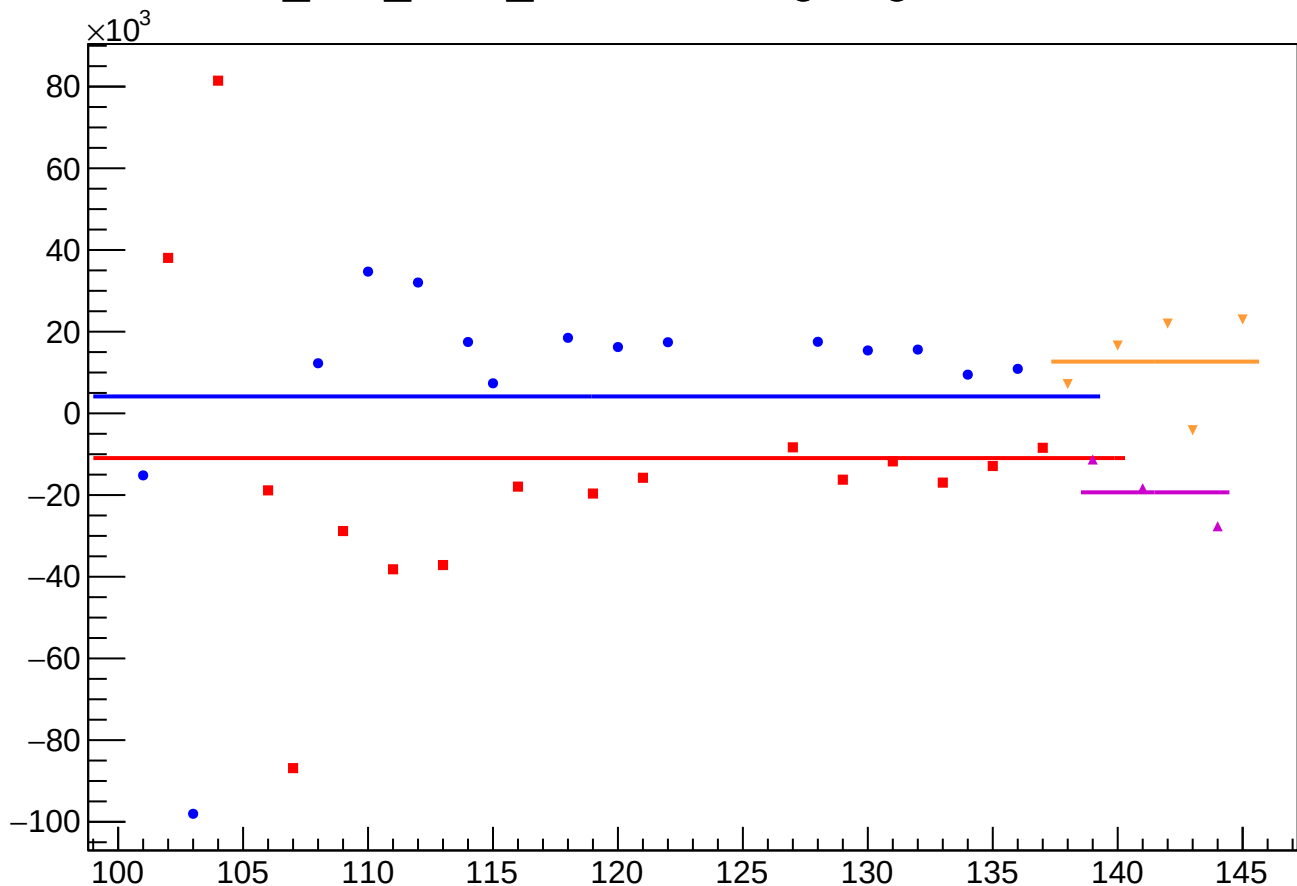
All: 46.351+/-0.000 χ^2/NDF : 1269417892364

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



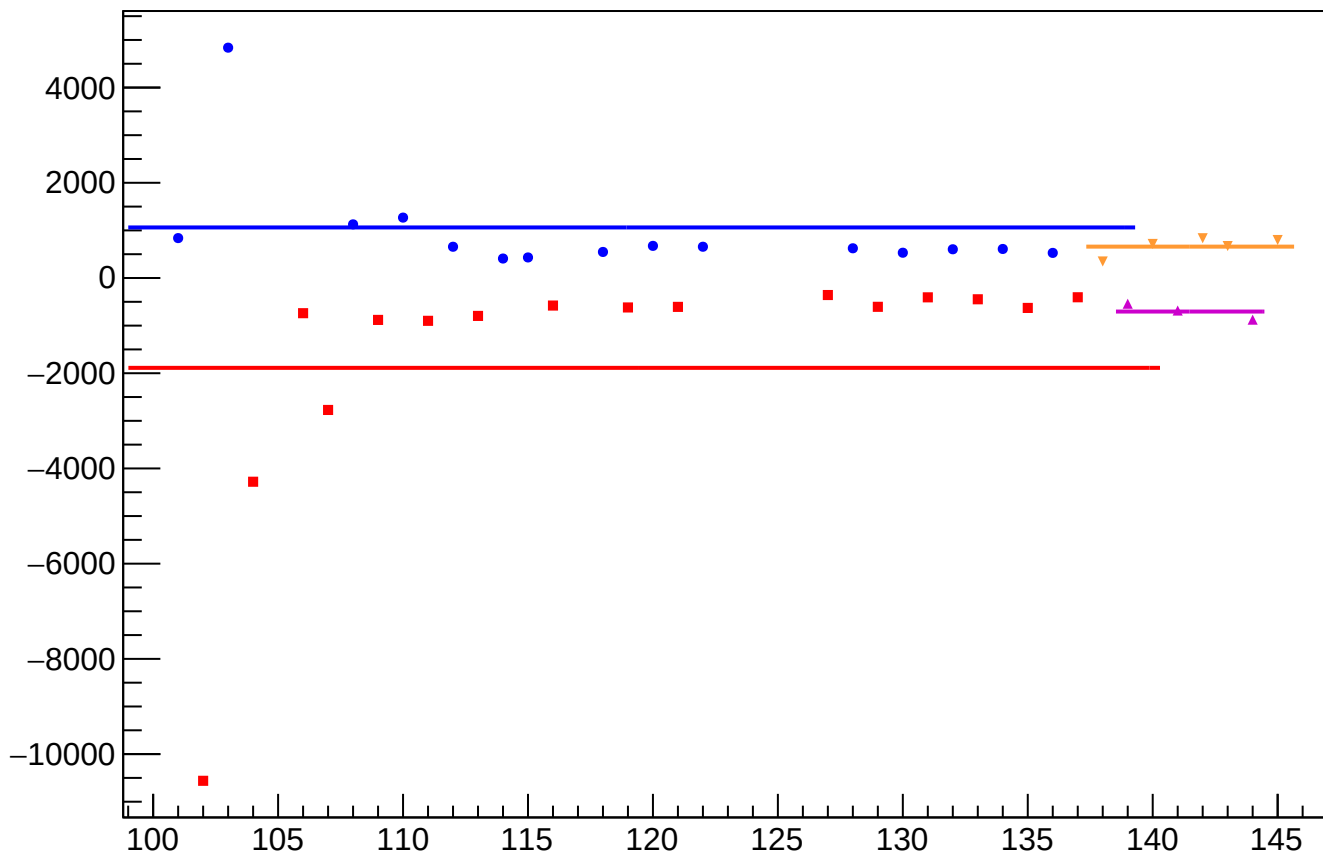
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 982.382 $\pm$ 0.000 χ^2 /NDF: 14685782444975955043646013458404605952.0/4
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1219.514 $\pm$ 0.000 χ^2 /NDF: 4325839922214845015970174629559926784.0/2
 All: 33.906 $\pm$ 0.000 χ^2 /NDF: 2118866786119

dit_atl1_coil7_mean vs Slug, Sign Corrected



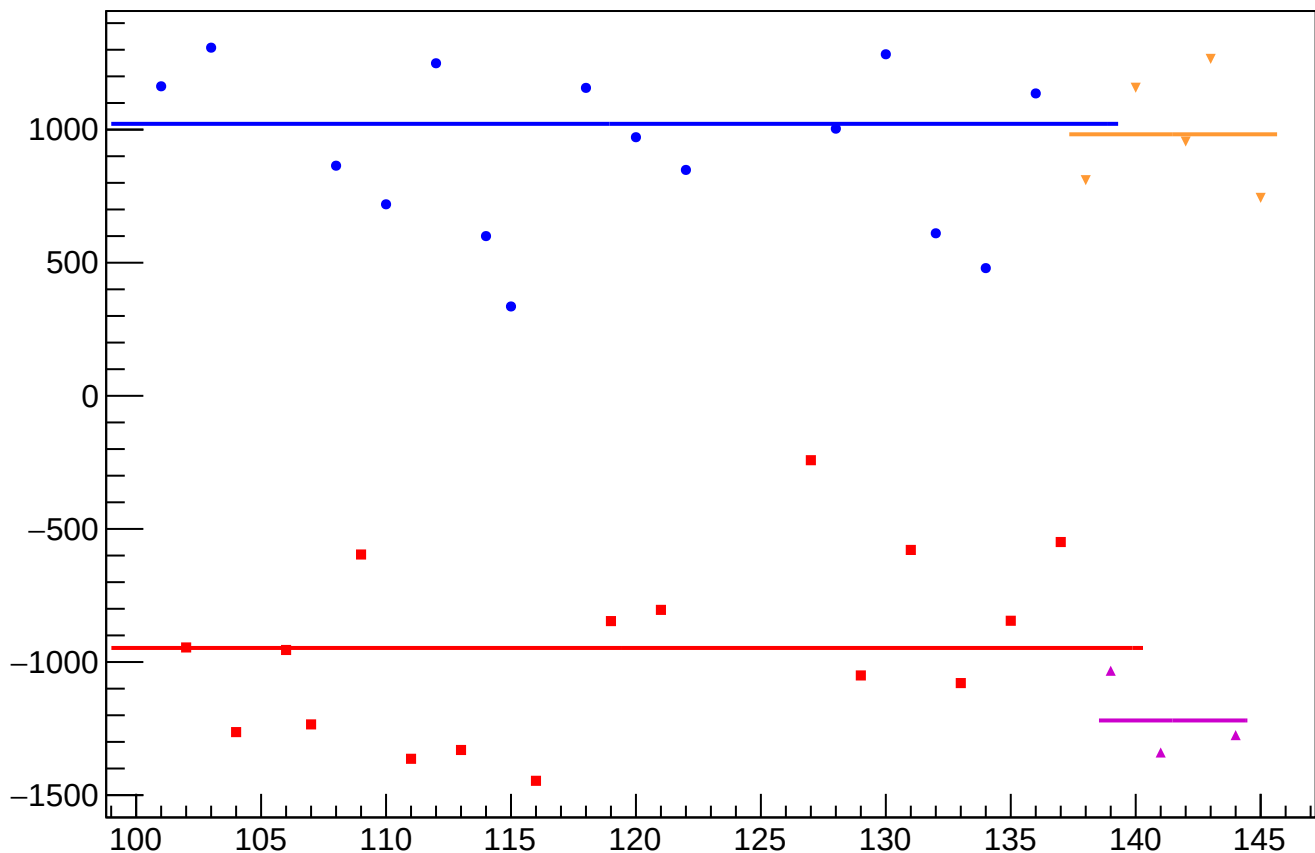
Left: -795.671+/-0.000 χ^2/NDF : 197589869249973
 Right In: 4145.268+/-0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Right: -3504.625+/-0.000 χ^2/NDF : 1712578788282
 Left Out: 12673.140+/-0.000 χ^2/NDF : 34808213683654222930579946079610239713280.0/4
 In: -2478.064+/-0.000 χ^2/NDF : 876086374755579
 Right Out: -10948.073+/-0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Out: -2803.628+/-0.000 χ^2/NDF : 10370764705154
 Left In: -19335.093+/-0.000 χ^2/NDF : 11461055601755882388825876609185863434240.0/2
 All: -2650.501+/-0.000 χ^2/NDF : 1913213595

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



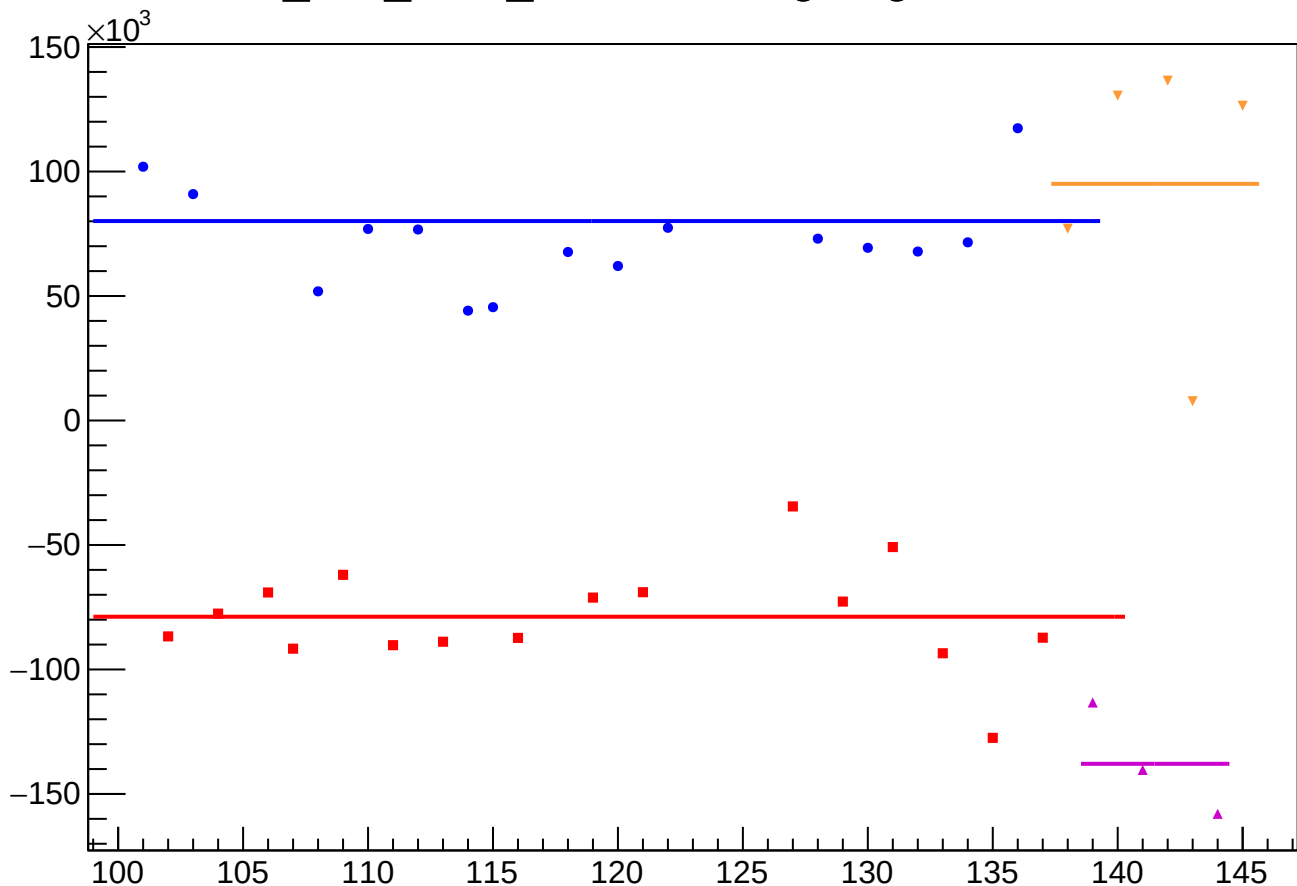
Left: 85.303 +/- 0.000 χ^2/NDF : 29027818051926084
 Right: -432.638 +/- 0.000 χ^2/NDF : 93397475225812
 In: 563.788 +/- 0.000 χ^2/NDF : 15290290053299362
 Out: -1009.157 +/- 0.000 χ^2/NDF : 70276570456942
 All: -269.333 +/- 0.000 χ^2/NDF : 97413360953

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 55.842+/-0.000	χ^2/NDF : 73510239461400424
Left Out: 982.382+/-0.000	χ^2/NDF : 14685782444975955043646013458404605952.0/4	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 389.488+/-0.000	χ^2/NDF : 96437210531074217
Left In: -1219.514+/-0.000	χ^2/NDF : 4325839922214845015970174629559926784.0/2	Out: -281.857+/-0.000	χ^2/NDF : 938693615780958
		All: 33.906+/-0.000	χ^2/NDF : 2118866786119

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 80102.504+/-0.000

Left Out: 95050.379+/-0.000

Right Out: -78815.832+/-0.000

Left In: -137891.069+/-0.000

χ^2/NDF : 254521784097258654723607522631742465769472.0/14

χ^2/NDF : 79468963276268288569224811152198466928640.0/4

χ^2/NDF : 286076919217811099434470442231998185472000.0/15

χ^2/NDF : 85524431460086086404705813918643587645440.0/2

Left: -2969.538+/-0.000 χ^2/NDF : 88945623593706

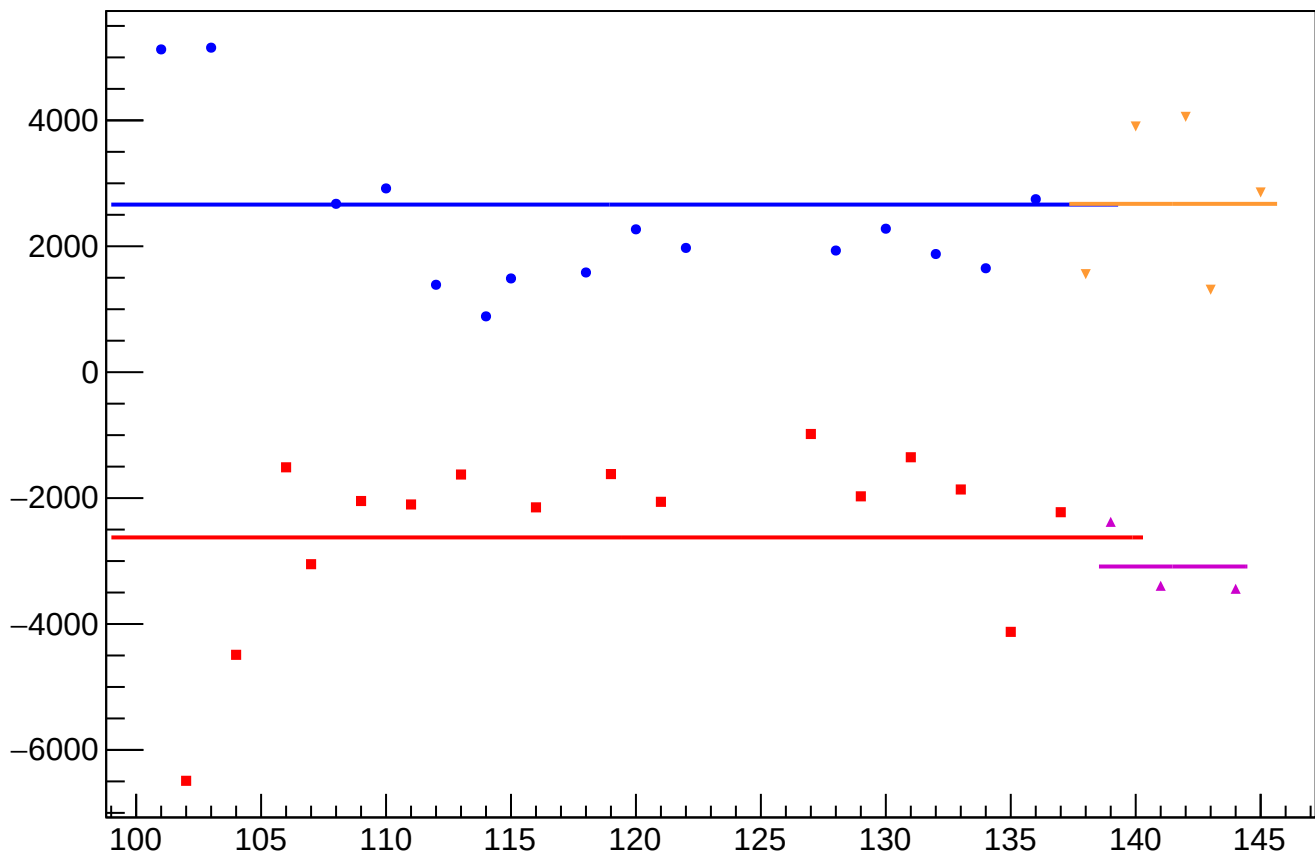
Right: -443.492+/-0.000 χ^2/NDF : 88479516524724

In: 18610.954+/-0.000 χ^2/NDF : 903973720554909

Out: -18867.856+/-0.000 χ^2/NDF : 8032859203420

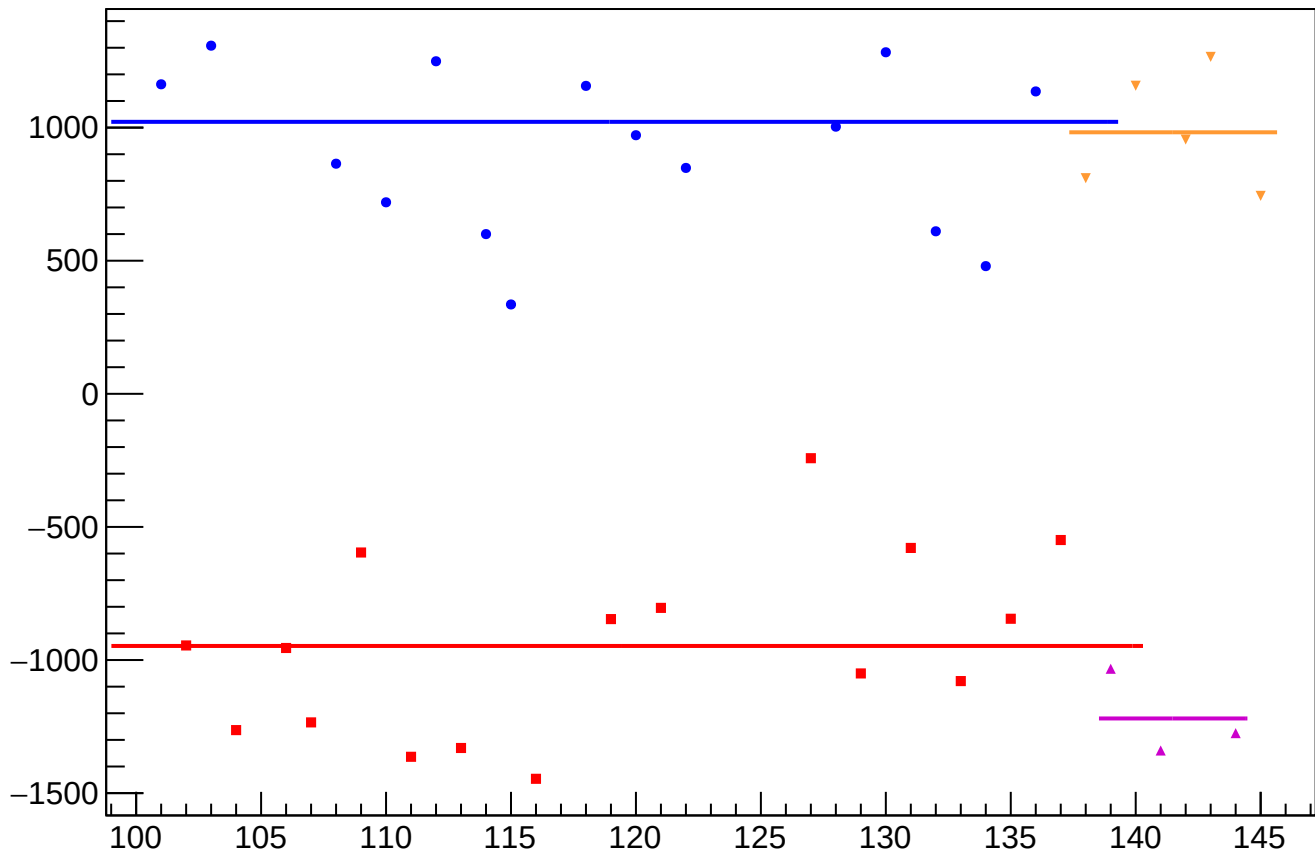
All: -1239.945+/-0.000 χ^2/NDF : 1774516164

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 2673.716+/-0.000 χ^2/NDF : 436218845085095703823747621390196408320.0/4
 Right Out: -2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: -3086.643+/-0.000 χ^2/NDF : 59879180002089642709418111730448334848.0/2
 All: 66.839+/-0.000 χ^2/NDF : 1721888694297

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 982.382+/-0.000

χ^2/NDF : 14685782444975955043646013458404605952.0/4

Right Out: -947.145+/-0.000

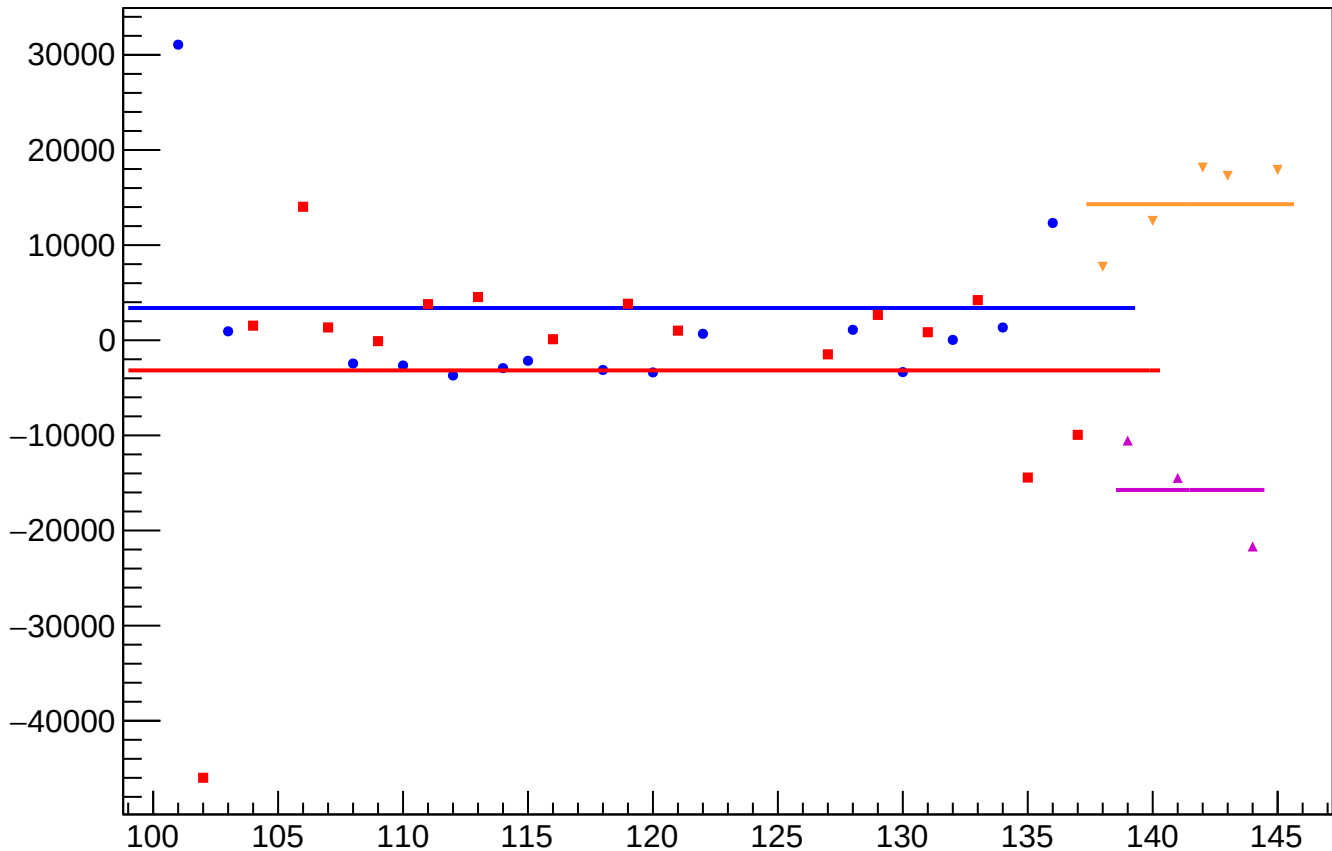
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1219.514+/-0.000

χ^2/NDF : 4325839922214845015970174629559926784.0/2

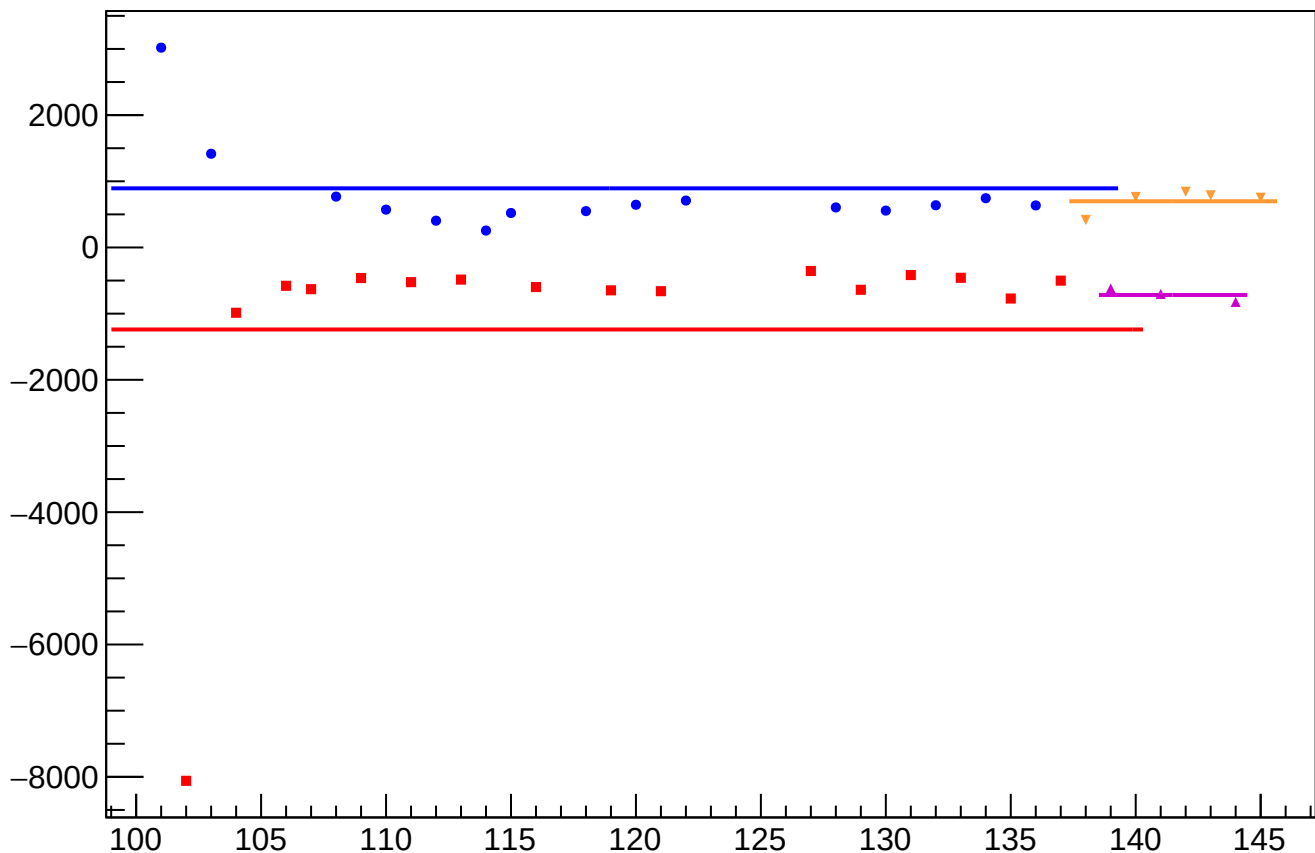
All: 33.906+/-0.000 χ^2/NDF : 2118866786119

dit_atr1_coil7_mean vs Slug, Sign Corrected



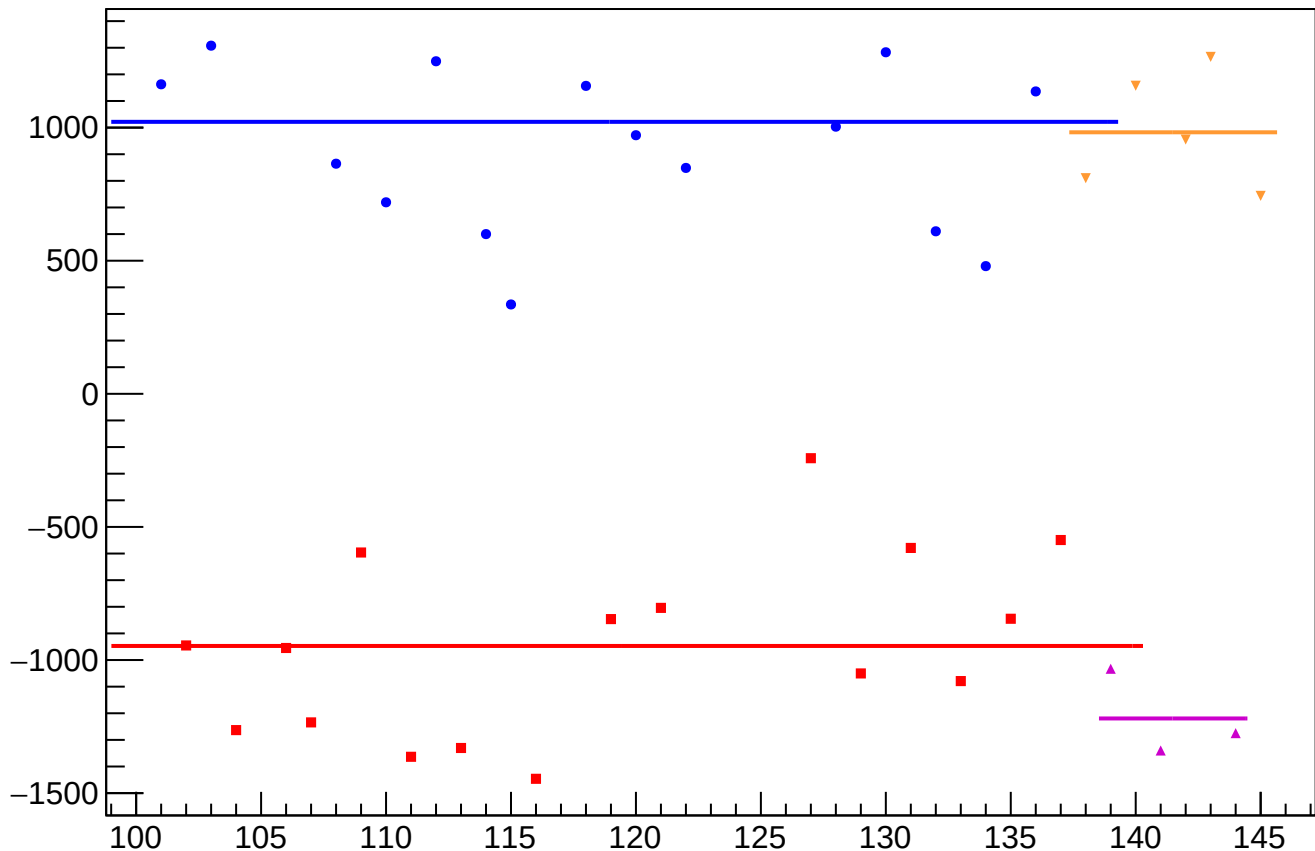
Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 14300.898+/-0.000 χ^2/NDF : 5923021026162602386631894185187783737344.0/4
 Right Out: -3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: -15735.525+/-0.000 χ^2/NDF : 5463394880244639283777058351880272347136.0/2
 All: 569.652+/-0.000 χ^2/NDF : 363465663579

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



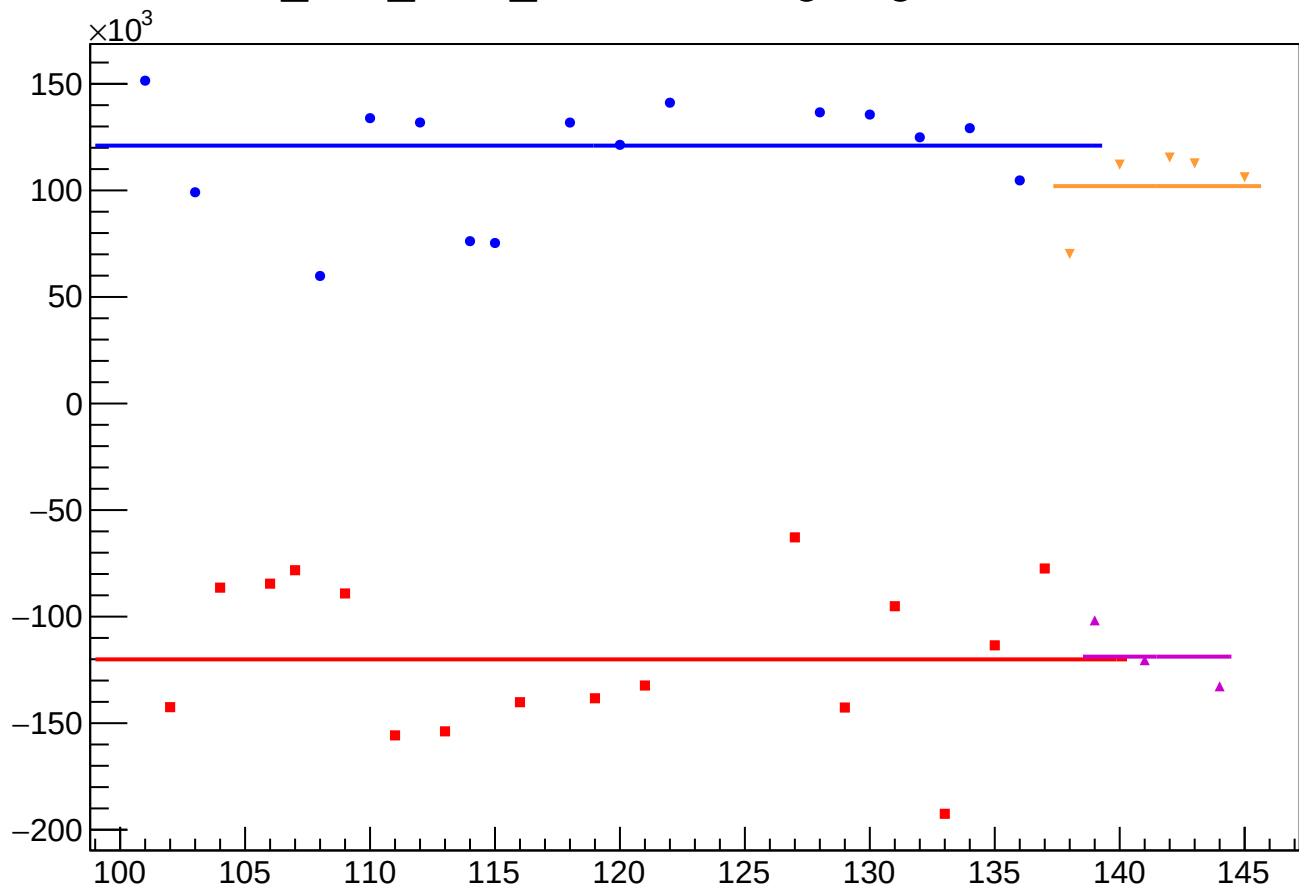
Left: 102.375 +/- 0.000 χ^2/NDF : 3062512031006151
 Right: -187.395 +/- 0.000 χ^2/NDF : 48021156818850
 In: 439.096 +/- 0.000 χ^2/NDF : 81180961218022215
 Out: -571.233 +/- 0.000 χ^2/NDF : 384264520184776
 All: -96.032 +/- 0.000 χ^2/NDF : 514320718766

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



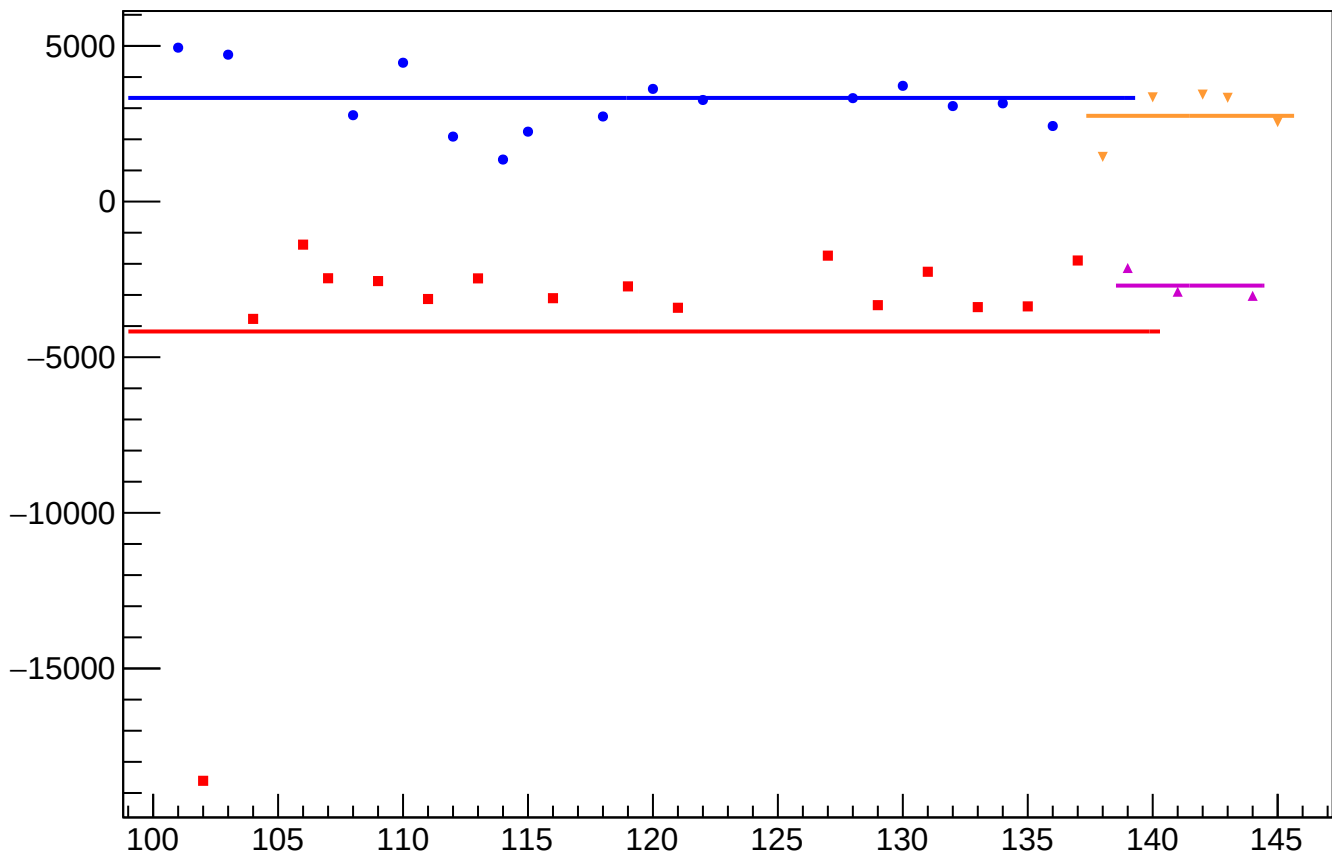
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 982.382+/-0.000 χ^2/NDF : 14685782444975955043646013458404605952.0/4
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2
 All: 33.906+/-0.000 χ^2/NDF : 2118866786119

dit_atr2_coil7_mean vs Slug, Sign Corrected



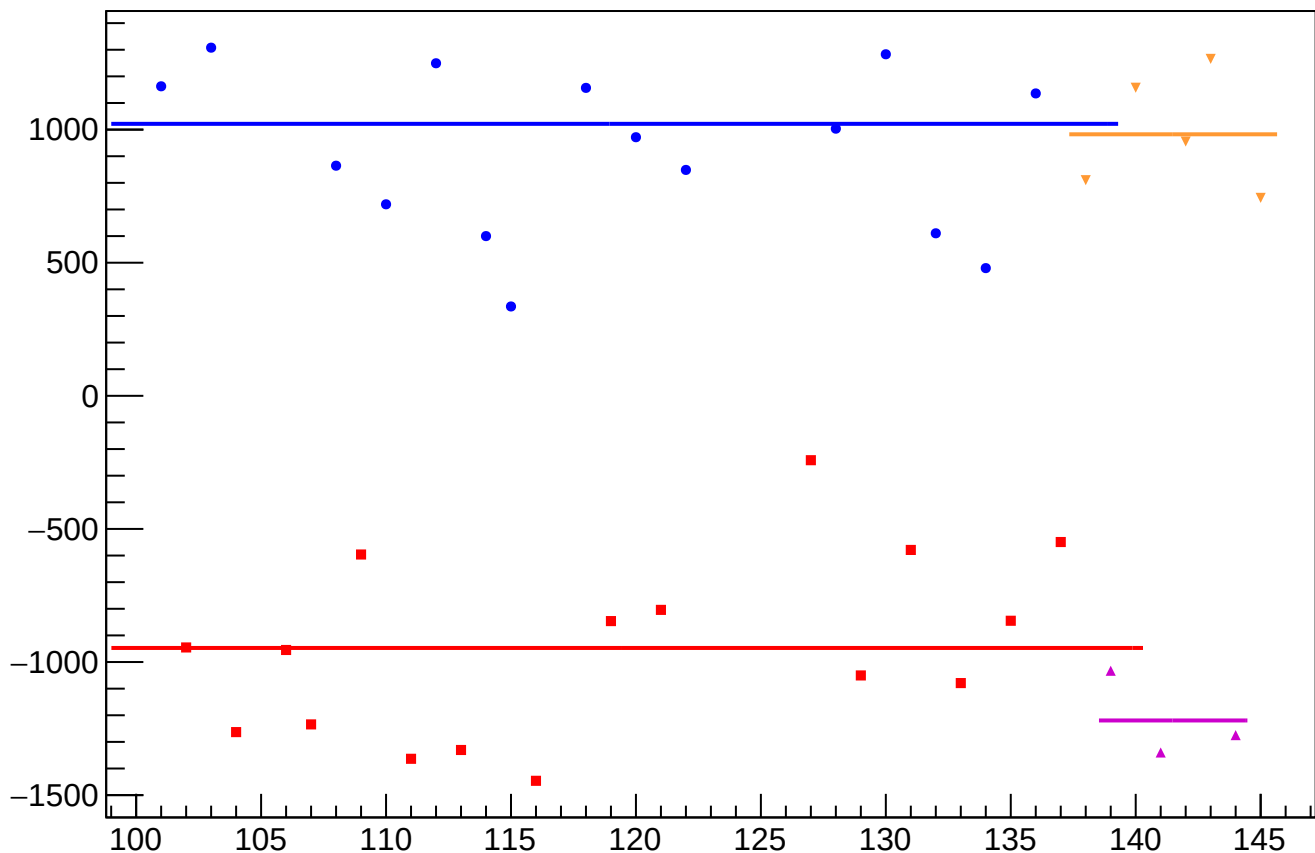
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 102011.758 $\pm$ 0.000 χ^2 /NDF: 104615736146794091788720114556465741561856.0/4
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -118772.684 $\pm$ 0.000 χ^2 /NDF: 40986851774393973178505578122378169286656.0/2
 All: 2069.879 $\pm$ 0.000 χ^2 /NDF: 27693535983

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



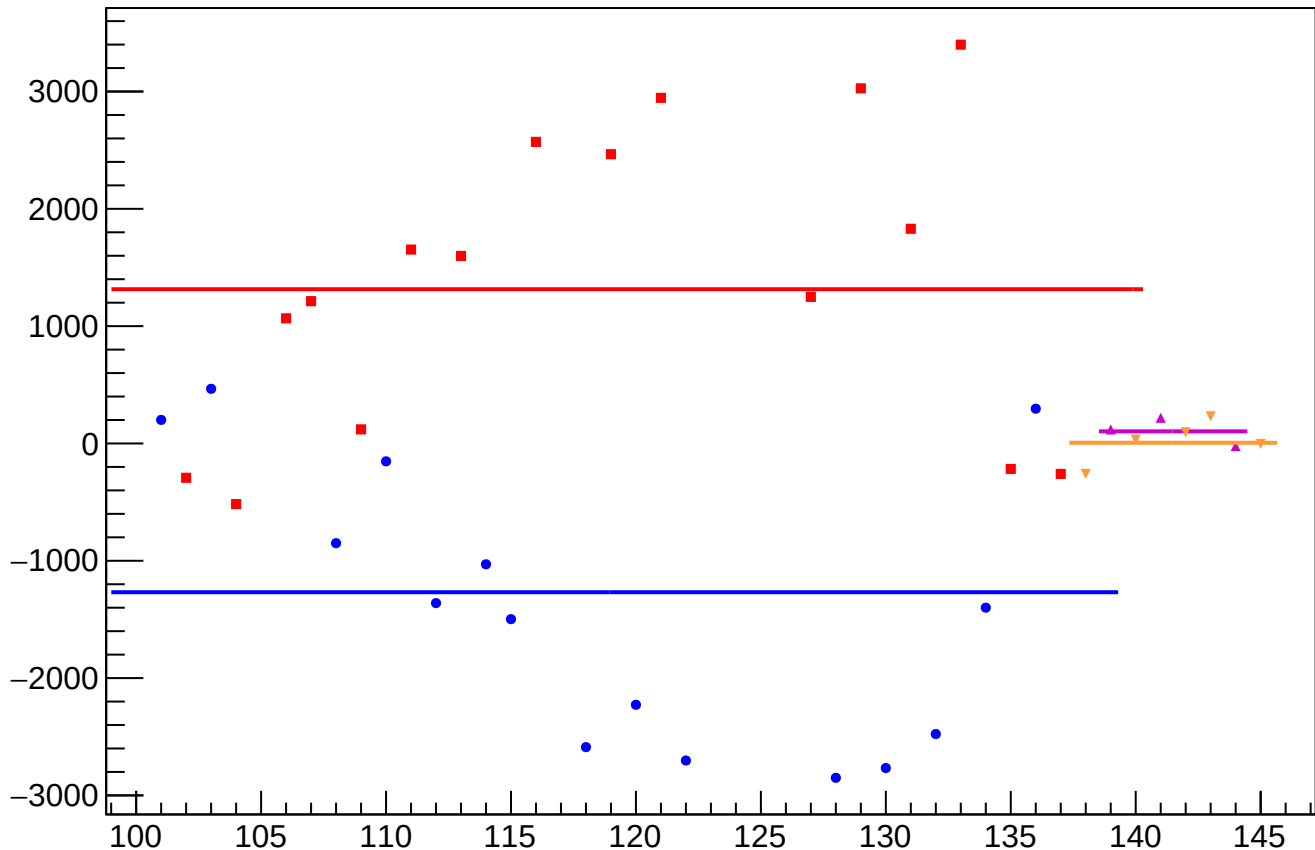
Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2754.442+/-0.000 χ^2/NDF : 211721811324623885724705751280048406528.0/4
 Right Out: -4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: -2699.649+/-0.000 χ^2/NDF : 3880818343788388822473949753569705984.0/2
 All: -179.211+/-0.000 χ^2/NDF : 37587556471

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



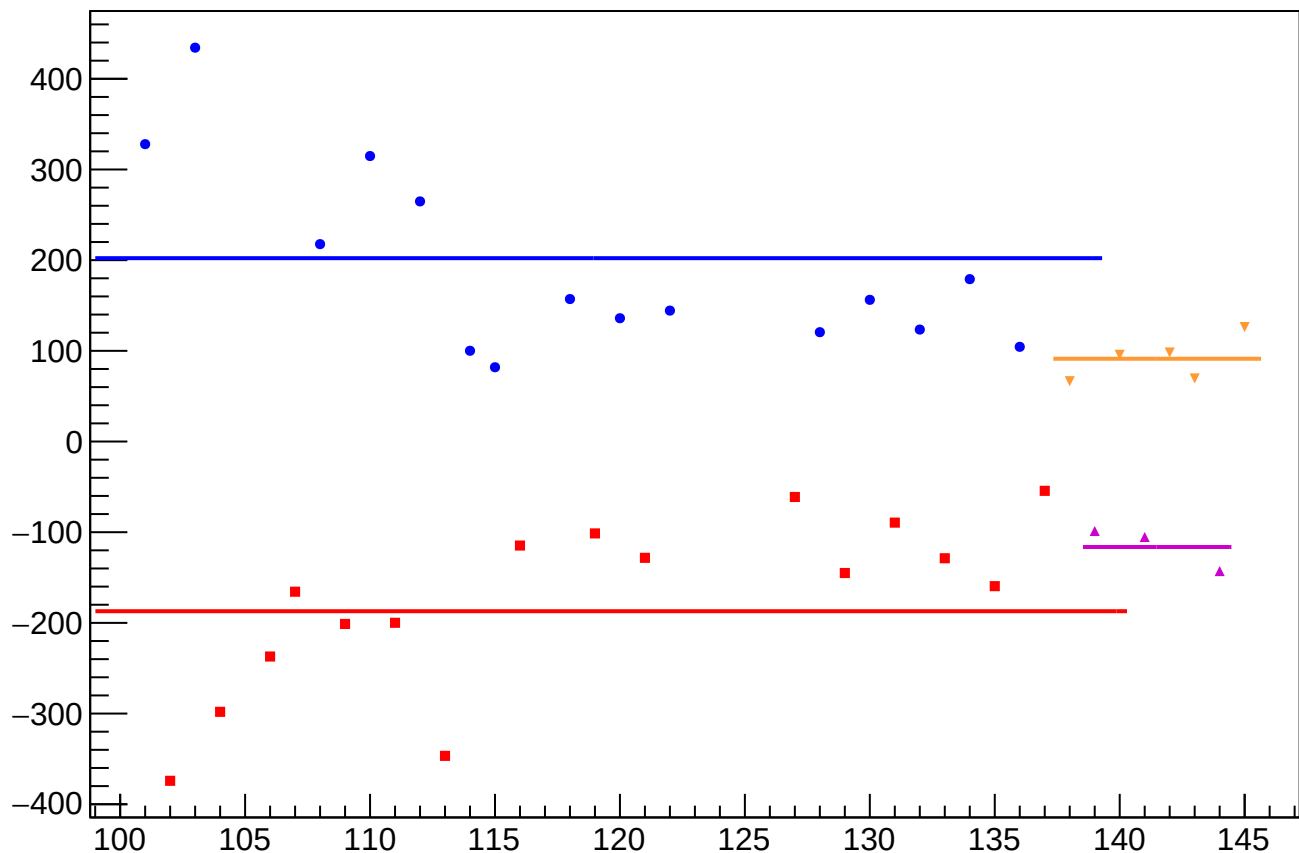
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 55.842+/-0.000	χ^2/NDF : 73510239461400424
Left Out: 982.382+/-0.000	χ^2/NDF : 14685782444975955043646013458404605952.0/4	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 389.488+/-0.000	χ^2/NDF : 96437210531074217
Left In: -1219.514+/-0.000	χ^2/NDF : 4325839922214845015970174629559926784.0/2	Out: -281.857+/-0.000	χ^2/NDF : 938693615780958
		All: 33.906+/-0.000	χ^2/NDF : 2118866786119

dit_sam1_coil7_mean vs Slug, Sign Corrected



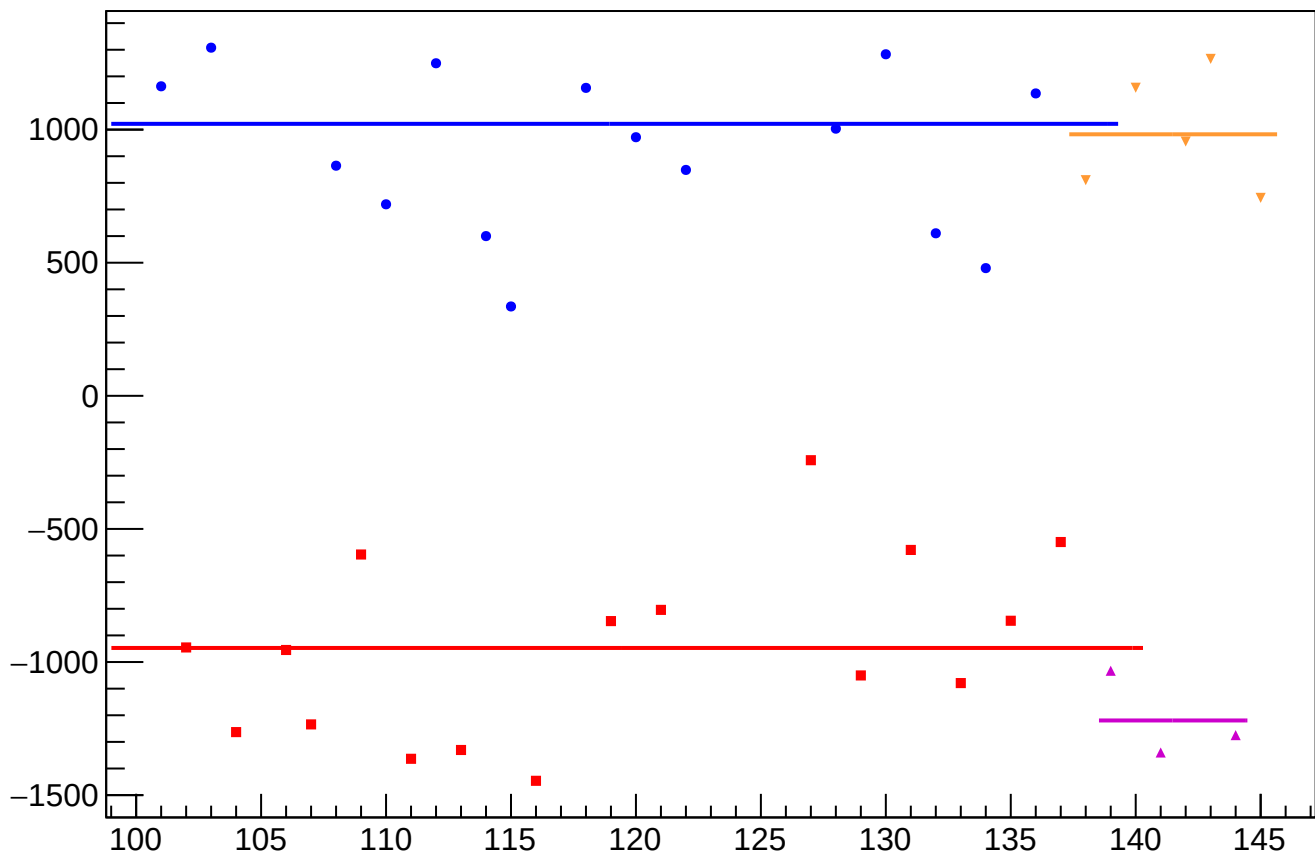
Left: 46.805 ± 0.000 $\chi^2/\text{NDF}: 13302441049429427$
 Right In: -1268.061 ± 0.000 $\chi^2/\text{NDF}: 109228076028833856070470490800647045120.0/14$
 Right: 41.017 ± 0.000 $\chi^2/\text{NDF}: 4385100658196815$
 Left Out: 5.798 ± 0.000 $\chi^2/\text{NDF}: 9337868428840919563864816530875219968.0/4$
 In: -881.242 ± 0.000 $\chi^2/\text{NDF}: 1439103658808649$
 Right Out: 1314.767 ± 0.000 $\chi^2/\text{NDF}: 1098471313864079013714609379653260935168.0/15$
 Out: 863.443 ± 0.000 $\chi^2/\text{NDF}: 1501852591580427$
 Left In: 103.250 ± 0.000 $\chi^2/\text{NDF}: 2561919147150950897089349677947551744.0/2$
 All: 42.842 ± 0.000 $\chi^2/\text{NDF}: 4398416998776$

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



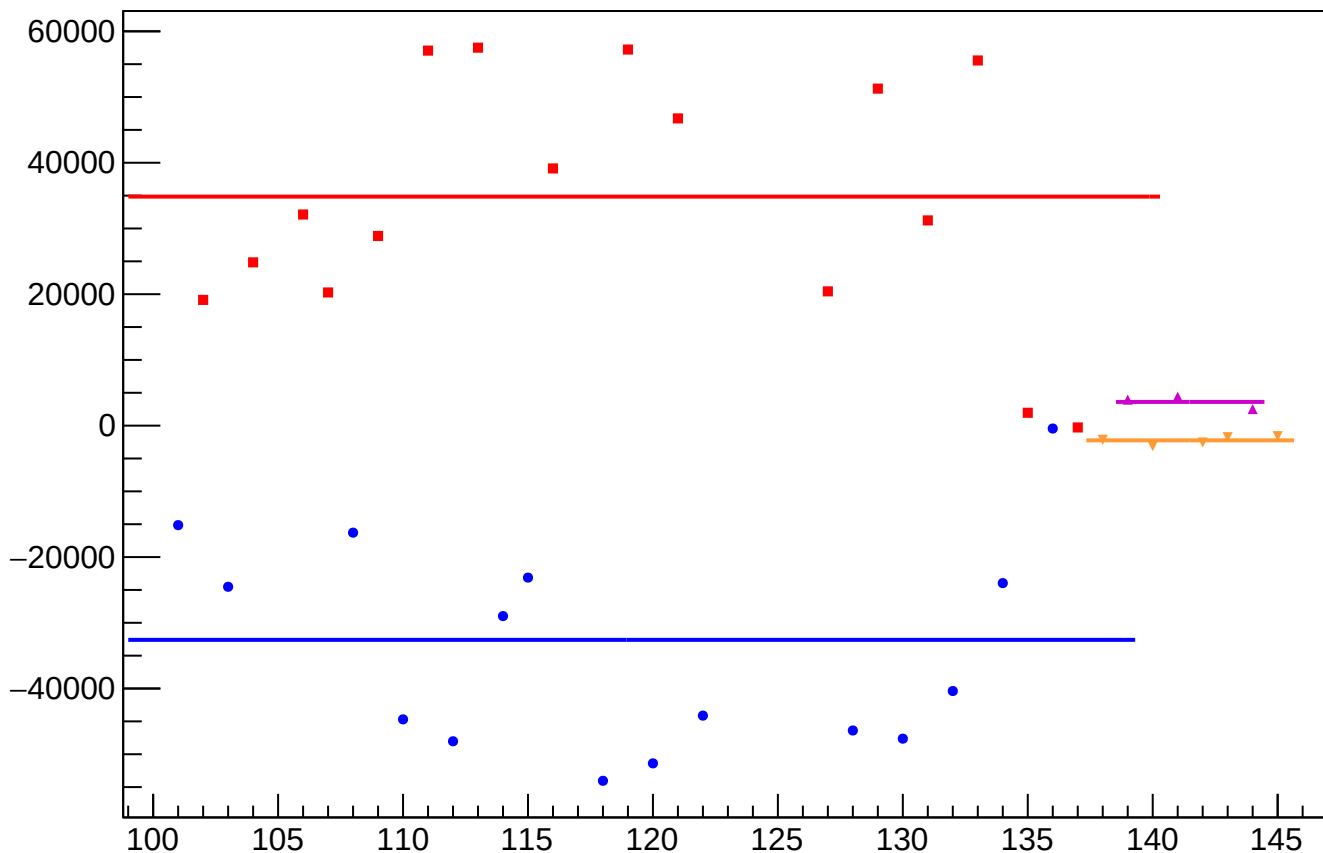
Right In: 202.191 $\pm$ 0.000 χ^2 /NDF: 7027941052752849066369040650615128064.0/14
 Left Out: 91.293 $\pm$ 0.000 χ^2 /NDF: 178383650994880193329429796614045696.0/4
 Right Out: -187.126 $\pm$ 0.000 χ^2 /NDF: 6230029491605524746936515809941389312.0/15
 Left In: -116.303 $\pm$ 0.000 χ^2 /NDF: 98354182524324151862391119873572864.0/2
 All: 4.576 $\pm$ 0.000 χ^2 /NDF: 69756661493223

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



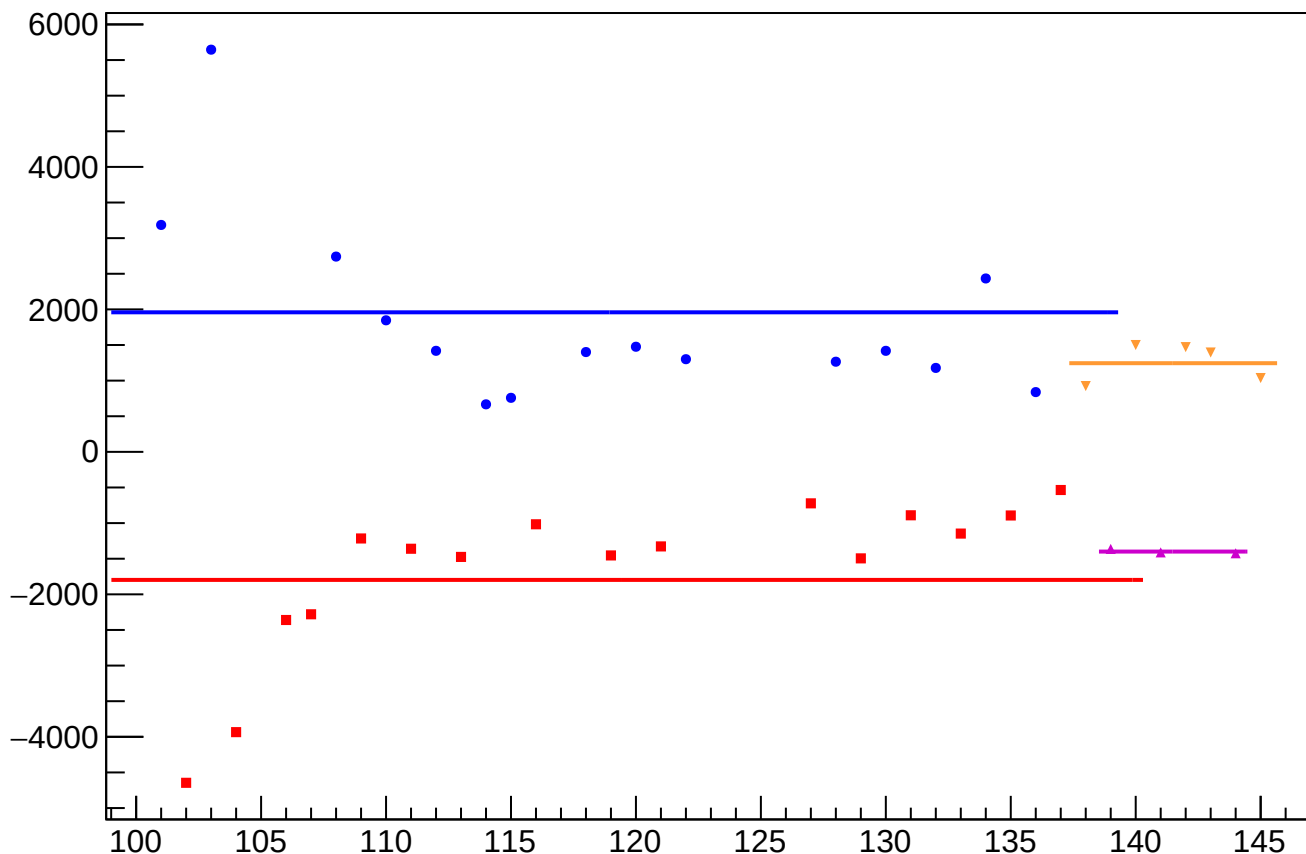
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 982.382+/-0.000 χ^2/NDF : 14685782444975955043646013458404605952.0/4
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2
 All: 33.906+/-0.000 χ^2/NDF : 2118866786119

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: -32594.962 +/- 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left In: 3609.110 +/- 0.000 χ^2/NDF : 169625421512628313140139865434163773440.0/2
 Right Out: 34848.046 +/- 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left Out: -2239.179 +/- 0.000 χ^2/NDF : 117133111599788216979529365340041510912.0/4
 All: 1157.069 +/- 0.000 χ^2/NDF : 19325868036.0/14

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835 $\pm$ 0.000

Left: 131.947 $\pm$ 0.000 χ^2/NDF : 1053591907089191

Left Out: 1244.675 $\pm$ 0.000

Right: 55.033 $\pm$ 0.000 χ^2/NDF : 6785490652460108

Right Out: -1797.392 $\pm$ 0.000

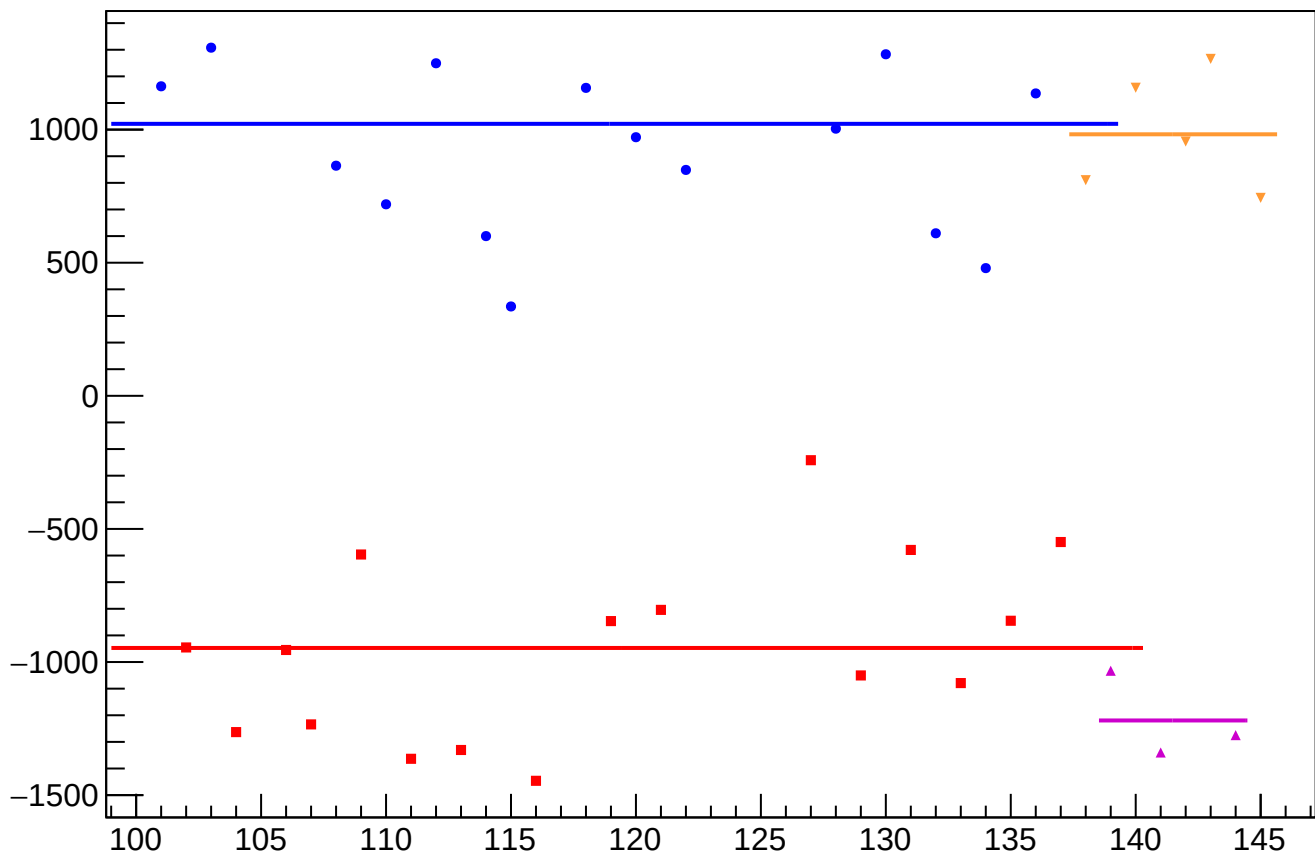
In: 1011.463 $\pm$ 0.000 χ^2/NDF : 3254468845305633

Left In: -1399.691 $\pm$ 0.000

Out: -748.506 $\pm$ 0.000 χ^2/NDF : 310395933797348

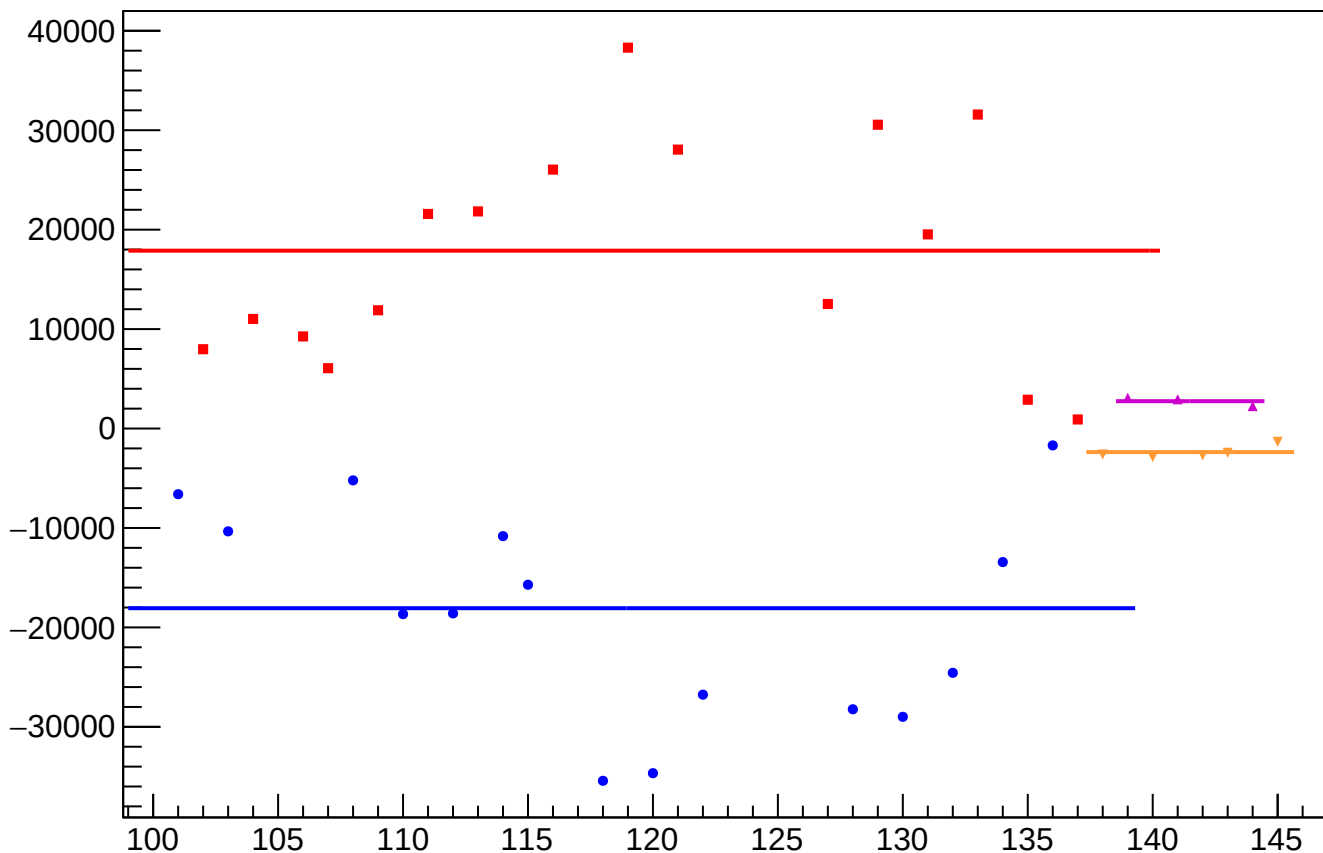
All: 79.284 $\pm$ 0.000 χ^2/NDF : 7841537192138

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



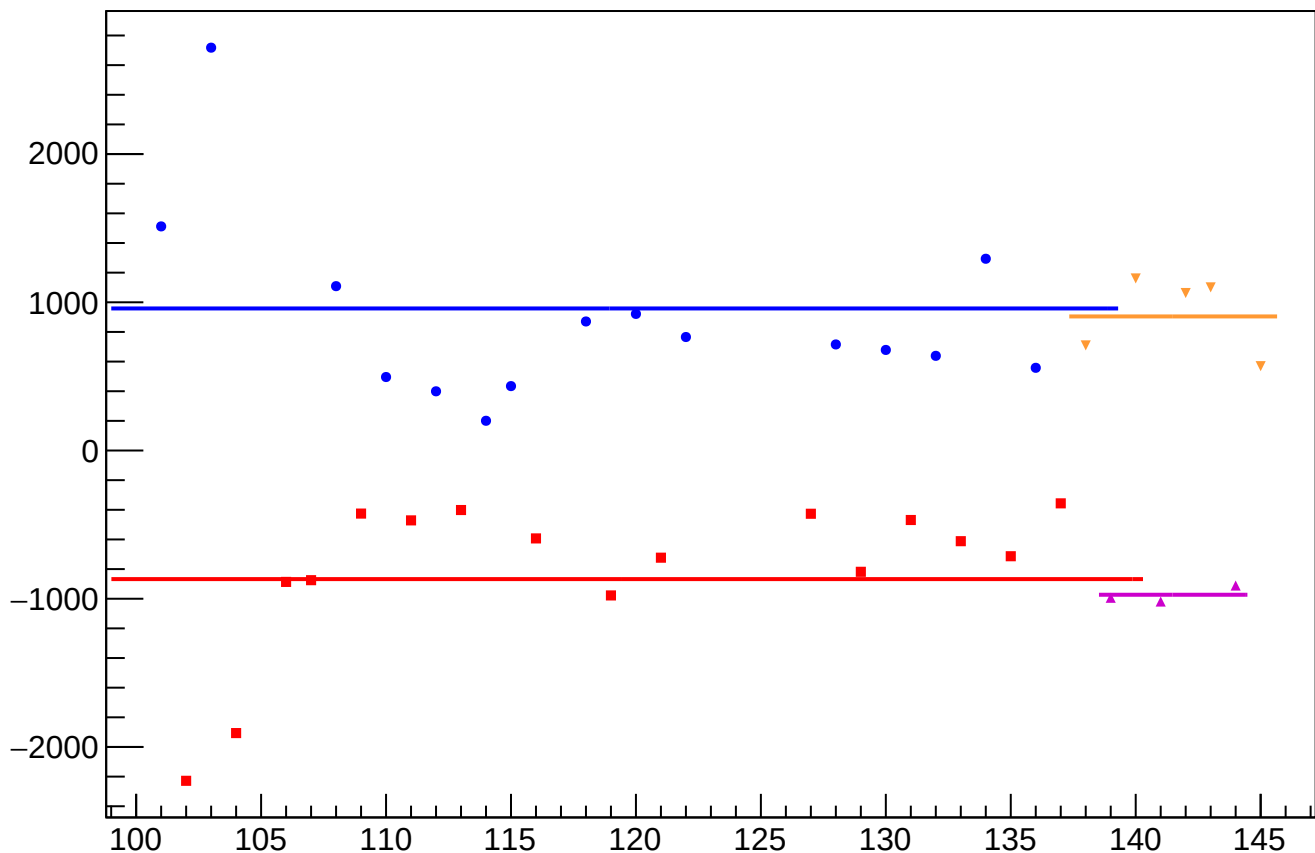
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 982.382 $\pm$ 0.000 χ^2 /NDF: 14685782444975955043646013458404605952.0/4
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1219.514 $\pm$ 0.000 χ^2 /NDF: 4325839922214845015970174629559926784.0/2
 All: 33.906 $\pm$ 0.000 χ^2 /NDF: 2118866786119

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -2368.411+/-0.000 χ^2/NDF : 114092118445444847134500145397369929728.0/4
 Right Out: 17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: 2750.126+/-0.000 χ^2/NDF : 34010624915183676500063289598208376832.0/2
 All: 38.957+/-0.000 χ^2/NDF : 5920719867282

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 958.411+/-0.000

χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 904.579+/-0.000

χ^2/NDF : 20874012262363706619743314126741438464.0/4

Right Out: -867.538+/-0.000

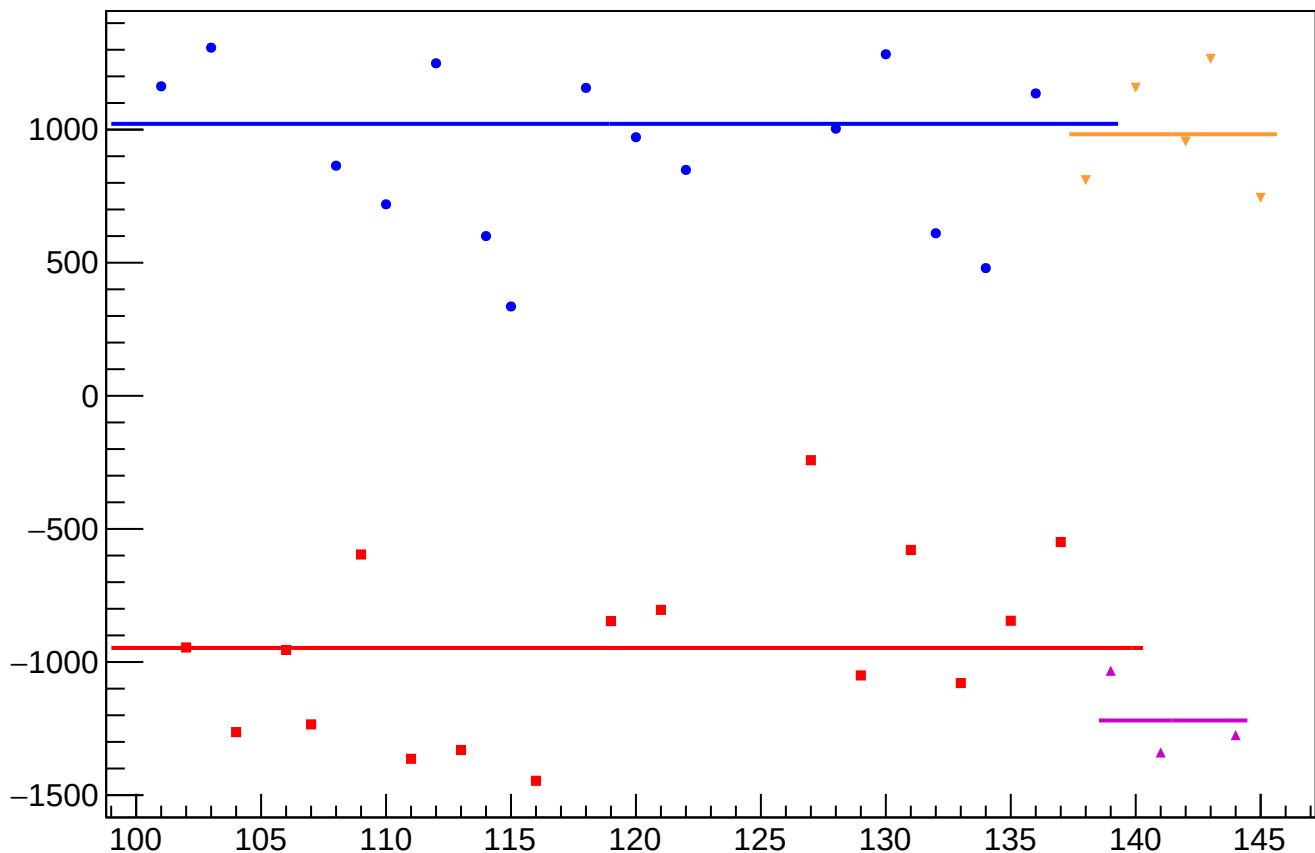
χ^2/NDF : 216129851545166714122252317604488151040.0/15

Left In: -973.130+/-0.000

χ^2/NDF : 554218230532685219218152116036042752.0/2

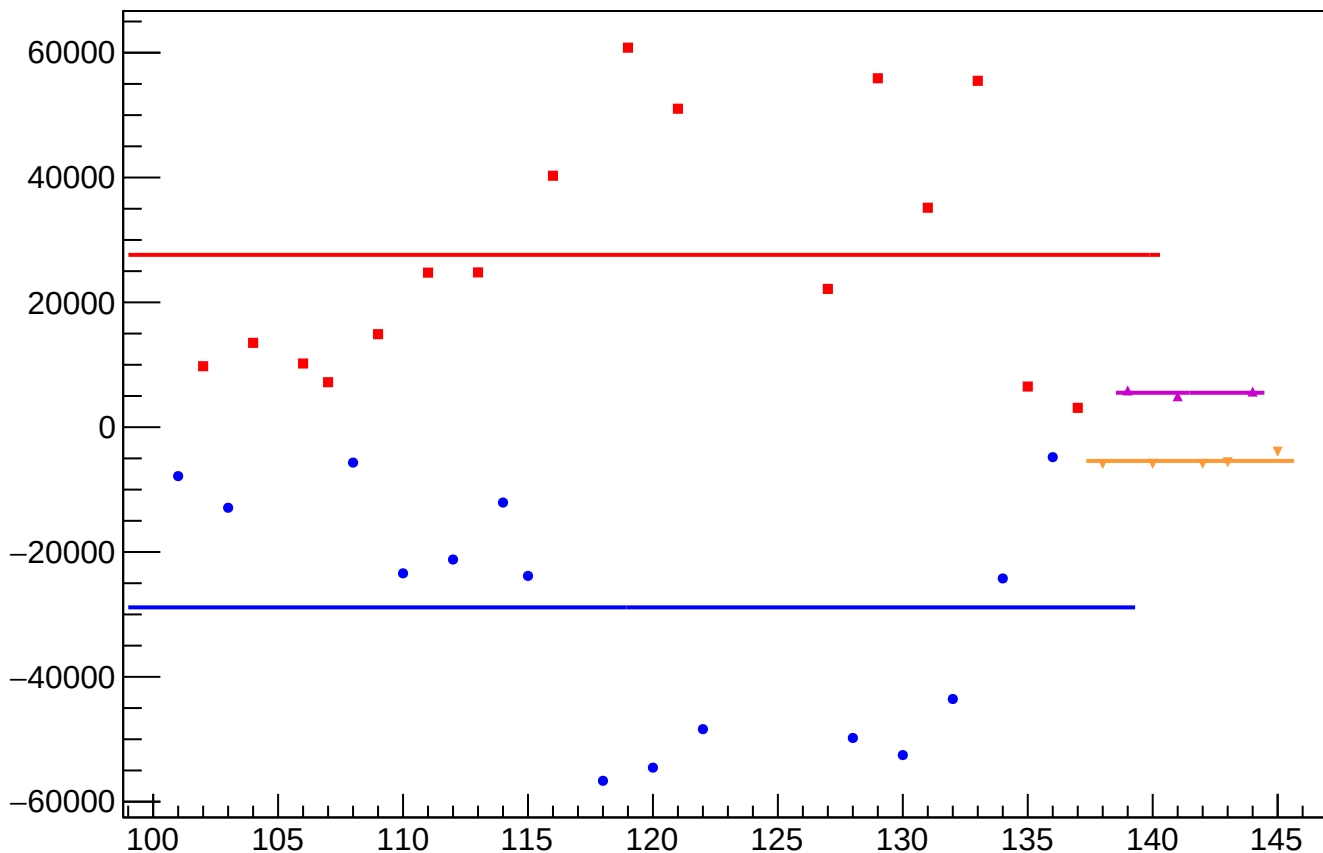
All: 58.647+/-0.000 χ^2/NDF : 2122509639718

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



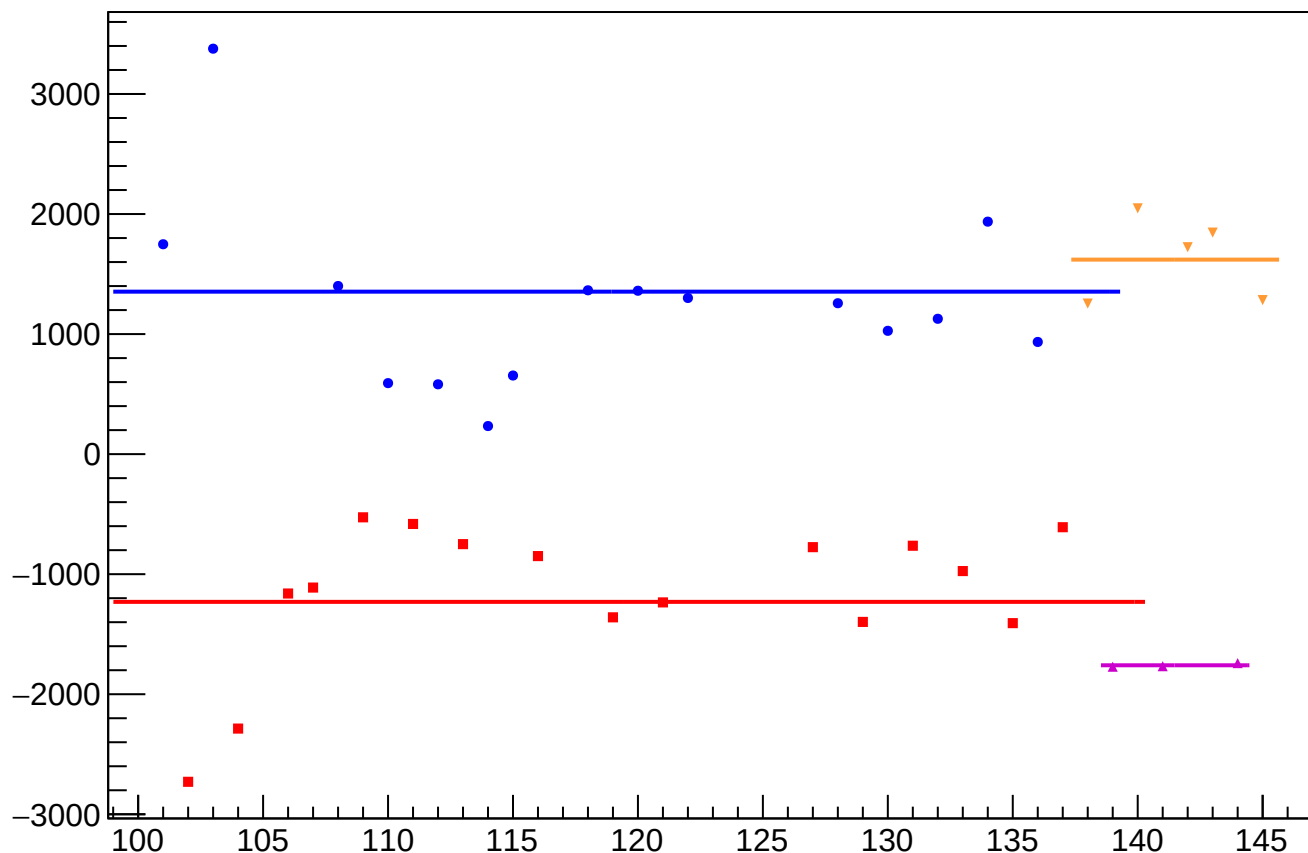
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 55.842+/-0.000	χ^2/NDF : 73510239461400424
Left Out: 982.382+/-0.000	χ^2/NDF : 14685782444975955043646013458404605952.0/4	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 389.488+/-0.000	χ^2/NDF : 96437210531074217
Left In: -1219.514+/-0.000	χ^2/NDF : 4325839922214845015970174629559926784.0/2	Out: -281.857+/-0.000	χ^2/NDF : 938693615780958
		All: 33.906+/-0.000	χ^2/NDF : 2118866786119

dit_sam4_coil7_mean vs Slug, Sign Corrected



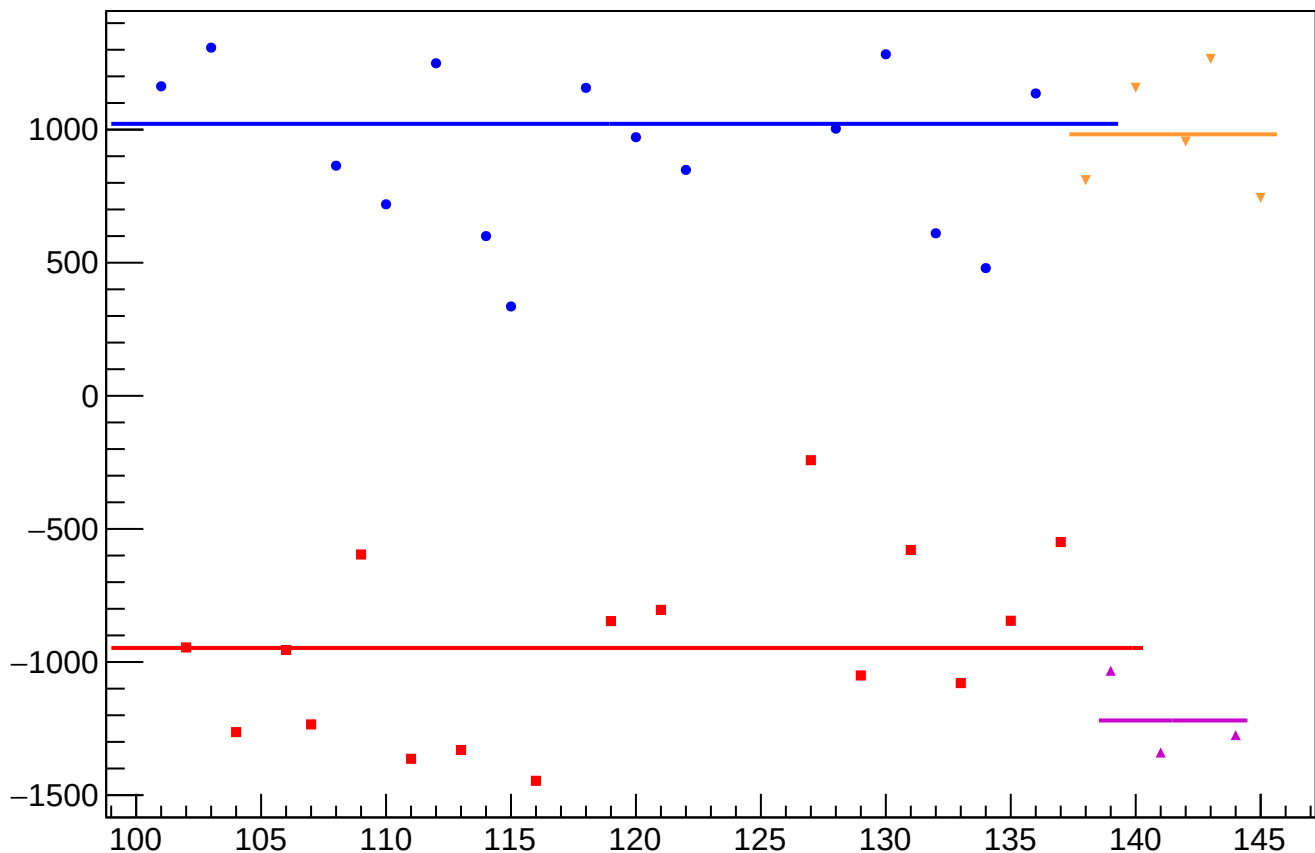
Right In: -28868.624 $\pm$ 0.000 χ^2 /NDF: 261450701095727362961367657926584124309504.0/14
 Left Out: -5404.066 $\pm$ 0.000 χ^2 /NDF: 220234643640309154878338169601139933184.0/4
 Right Out: 27610.848 $\pm$ 0.000 χ^2 /NDF: 248097983477523504935751571384400118546432.0/15
 Left In: 5517.882 $\pm$ 0.000 χ^2 /NDF: 41278138854058189655406291031785734144.0/2
 All: -420.951 $\pm$ 0.000 χ^2 /NDF: 15768525302

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



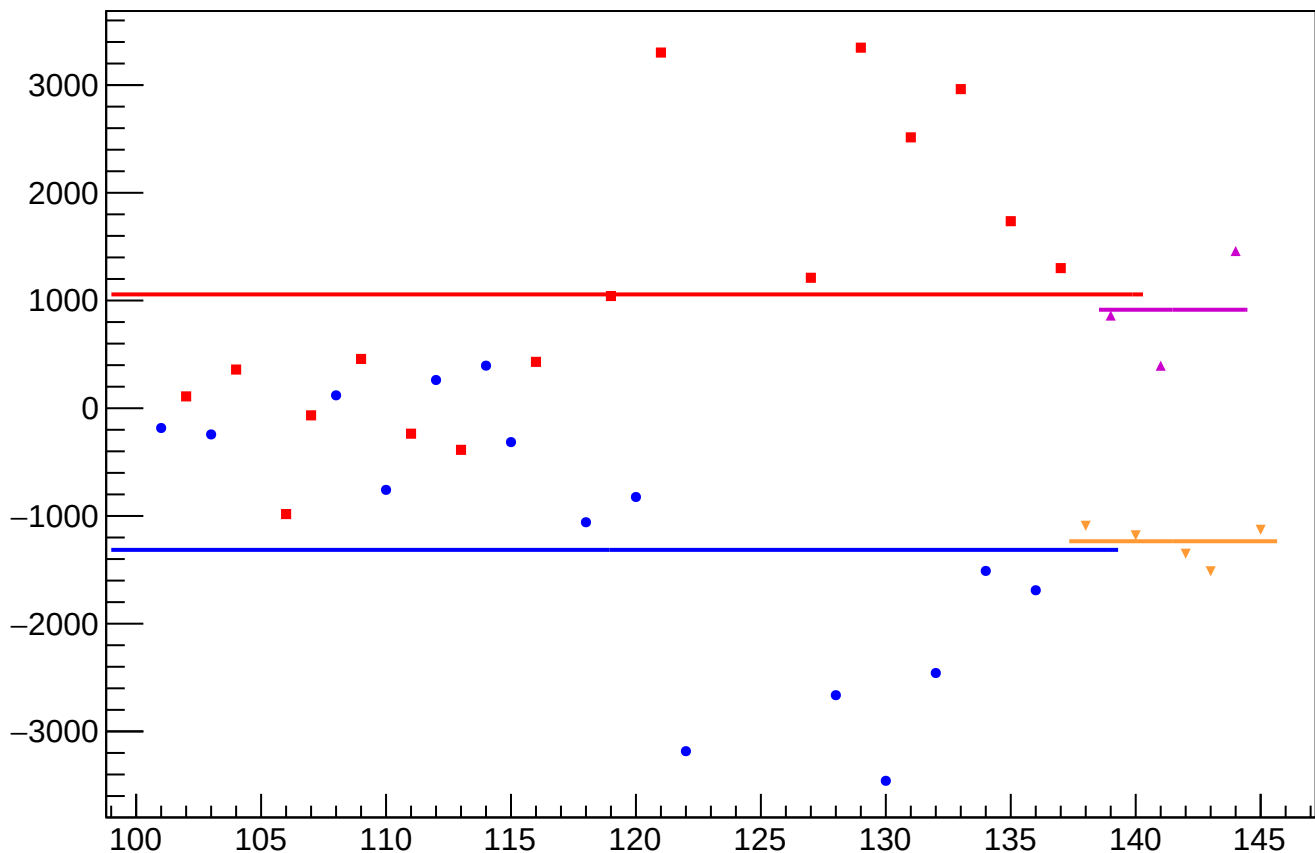
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14
 Left Out: 1620.304+/-0.000 χ^2/NDF : 38162106602426480762904110700590792704.0/4
 Right Out: -1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15
 Left In: -1758.888+/-0.000 χ^2/NDF : 45688641667893745822951480504614912.0/2
 All: 92.478+/-0.000 χ^2/NDF : 4560981662205

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



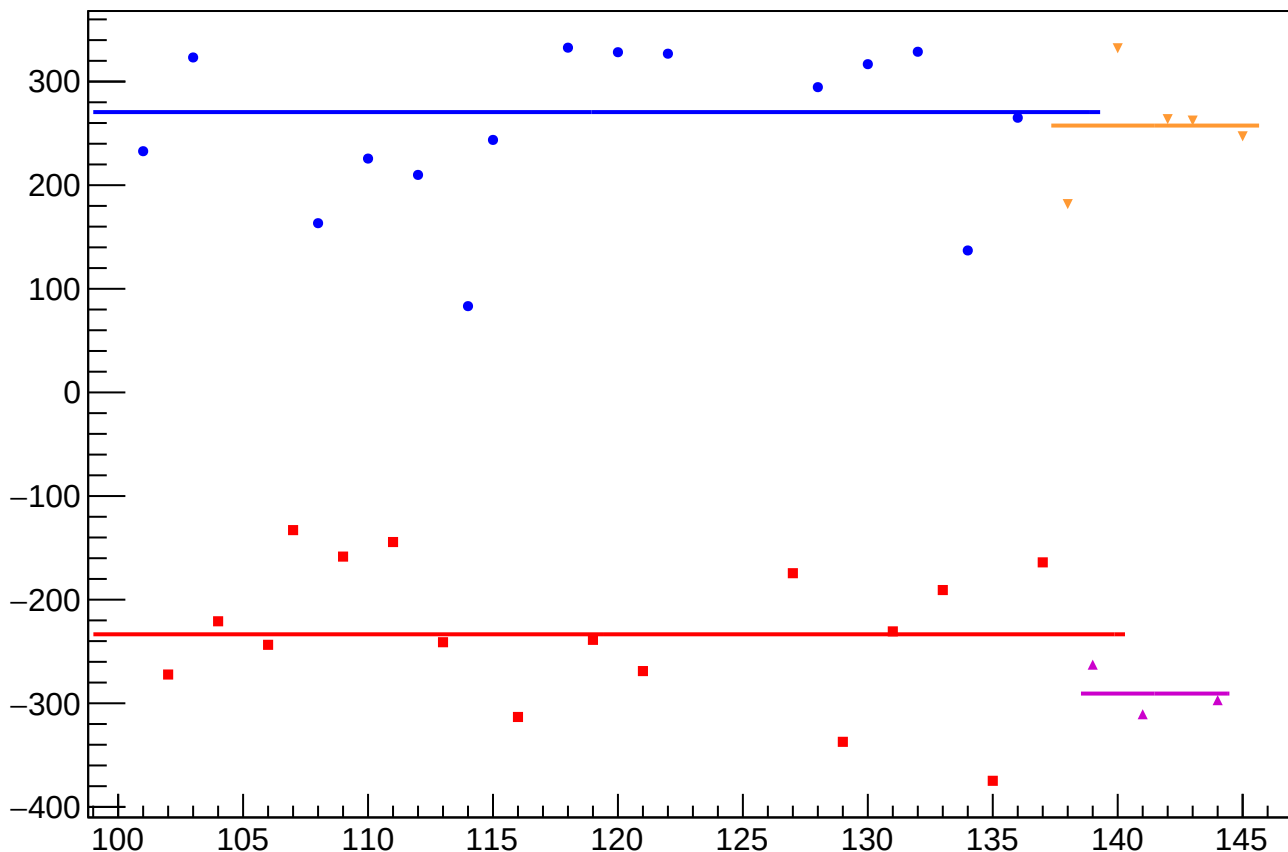
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 982.382+/-0.000 χ^2/NDF : 14685782444975955043646013458404605952.0/4
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2
 All: 33.906+/-0.000 χ^2/NDF : 2118866786119

dit_sam5_coil7_mean vs Slug, Sign Corrected



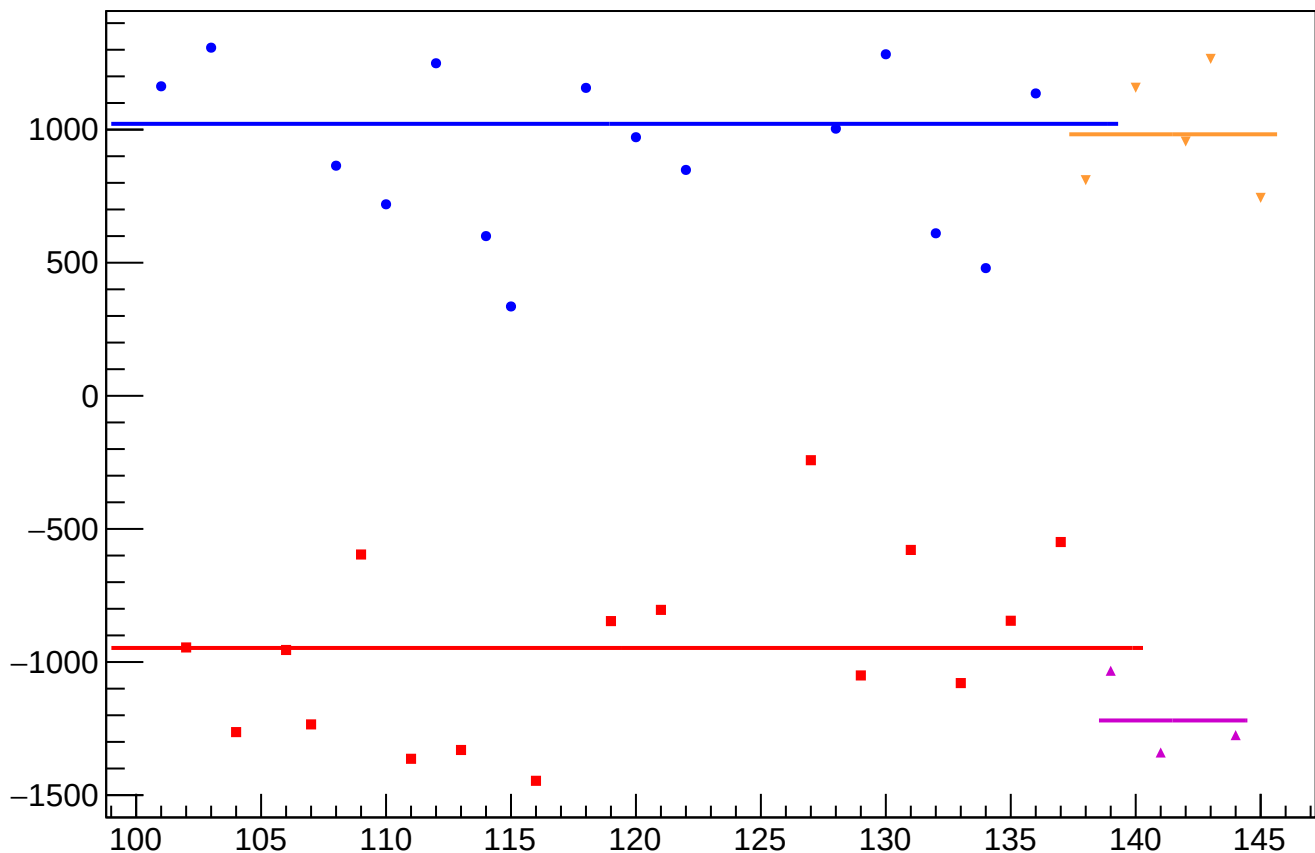
Right In: -1314.782+/-0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left: -330.388+/-0.000 χ^2/NDF : 740338439184340
 Right: -112.789+/-0.000 χ^2/NDF : 39432514405702
 Left Out: -1234.690+/-0.000 χ^2/NDF : 8579581848140051660769176498795970560.0/4
 In: -685.987+/-0.000 χ^2/NDF : 1925396331662172
 Right Out: 1056.765+/-0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Out: 266.686+/-0.000 χ^2/NDF : 2343279360193768
 Left In: 914.357+/-0.000 χ^2/NDF : 49629776624561975835975106846982668288.0/2
 All: -181.398+/-0.000 χ^2/NDF : 47032365078

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



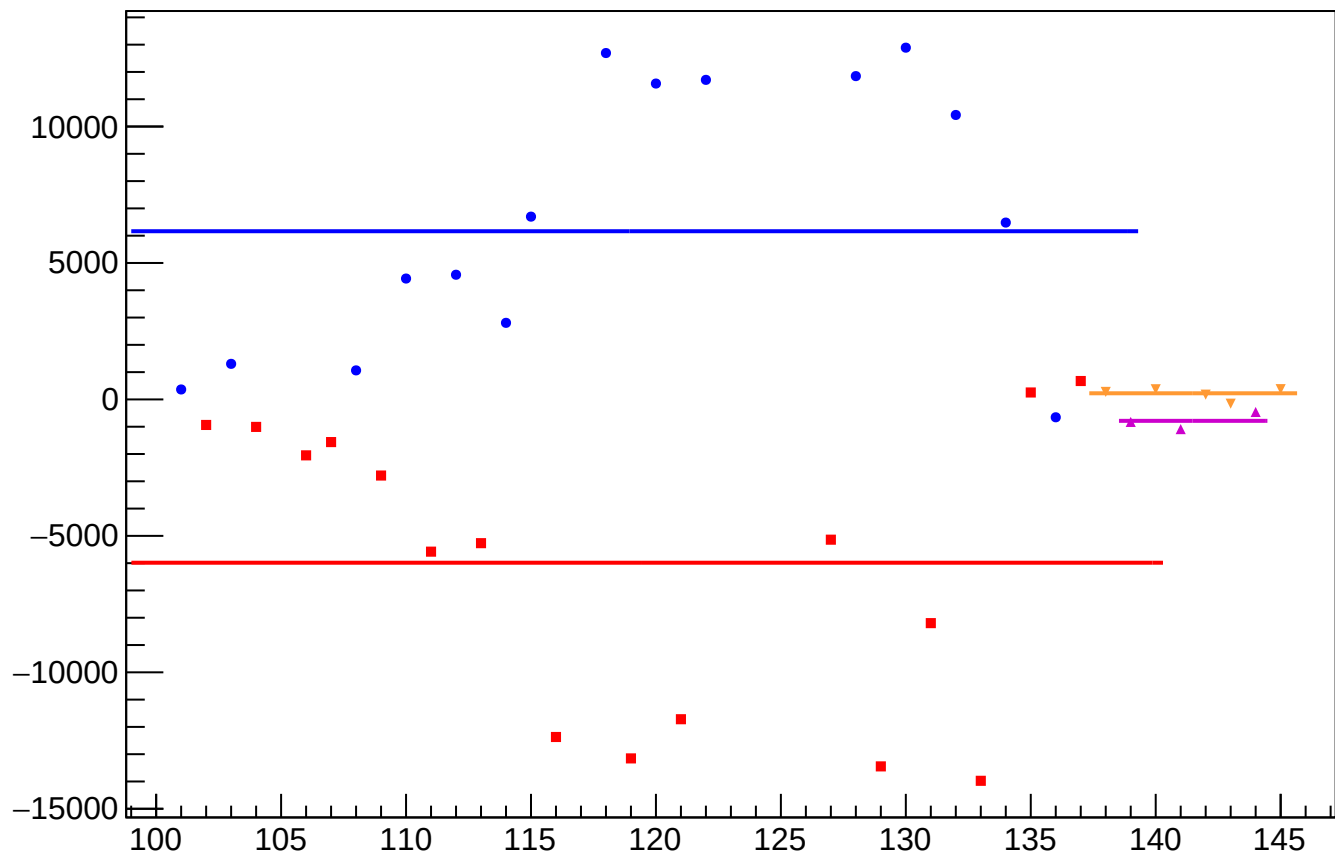
Right In: 270.538 $\pm$ 0.000 χ^2 /NDF: 2473839905347950323907848405170257920.0/14
 Left Out: 257.533 $\pm$ 0.000 χ^2 /NDF: 916157138028815724637223849063088128.0/4
 Right Out: -233.421 $\pm$ 0.000 χ^2 /NDF: 3048529087317888615064010247743995904.0/15
 Left In: -290.621 $\pm$ 0.000 χ^2 /NDF: 100520065131677805448864638103977984.0/2
 All: 18.821 $\pm$ 0.000 χ^2 /NDF: 1345177364073

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



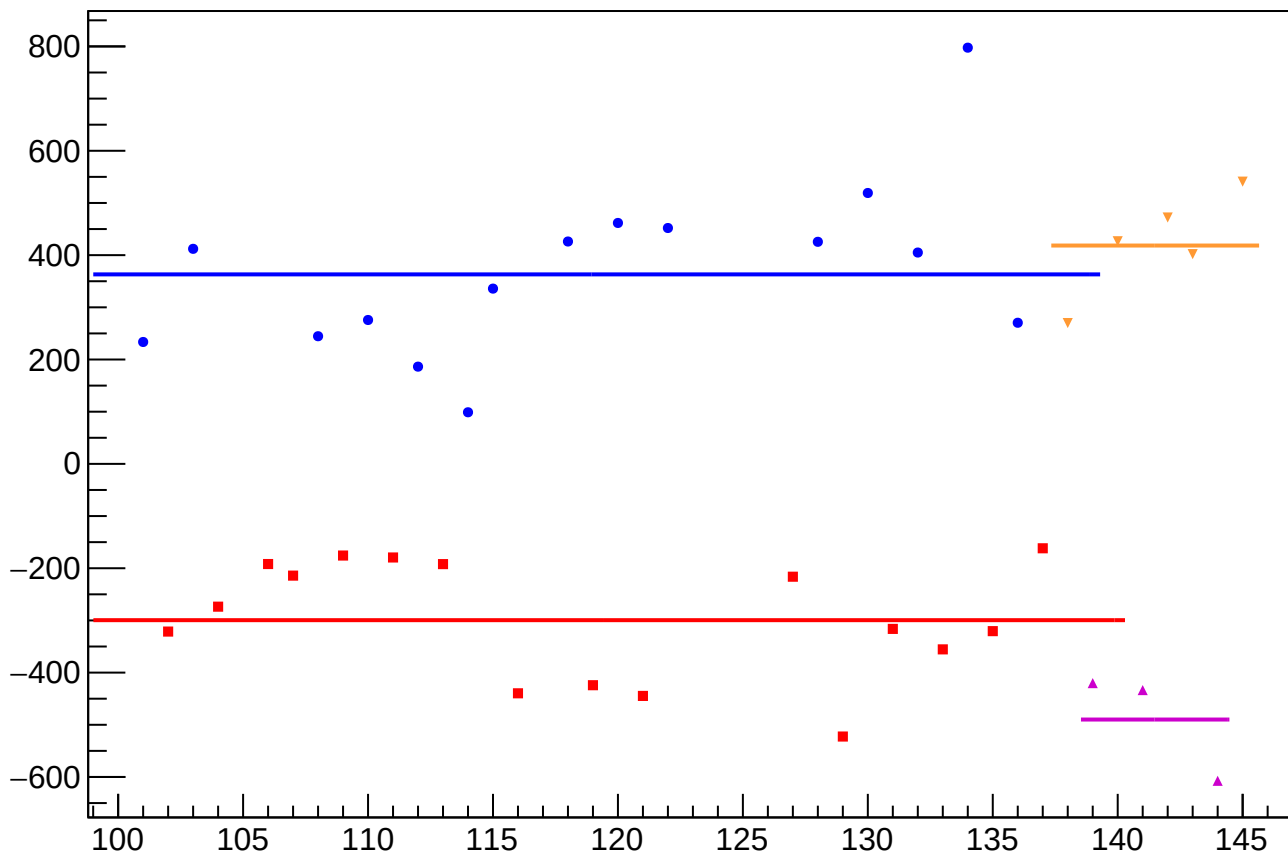
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 982.382+/-0.000 χ^2/NDF : 14685782444975955043646013458404605952.0/4
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2
 All: 33.906+/-0.000 χ^2/NDF : 2118866786119

dit_sam6_coil7_mean vs Slug, Sign Corrected



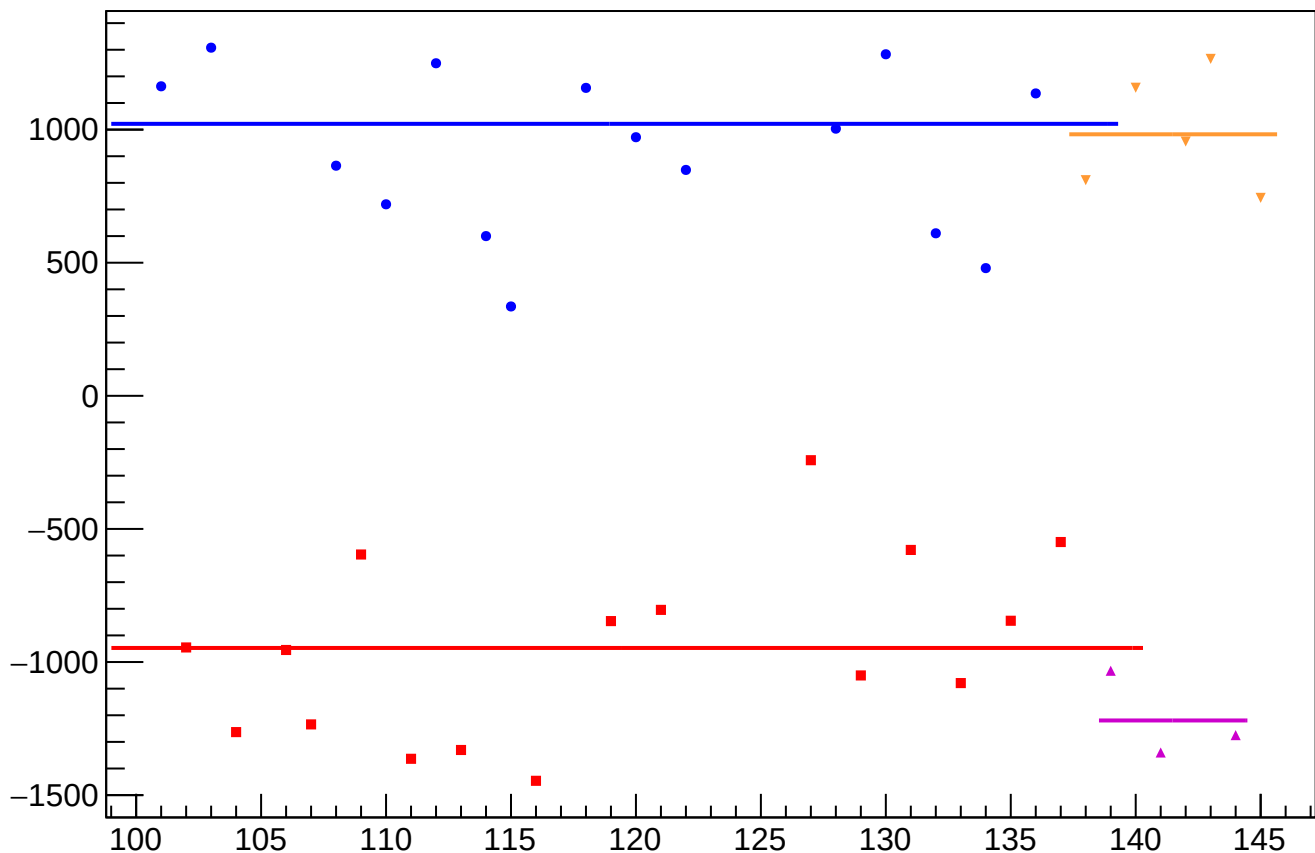
Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 224.972+/-0.000 χ^2/NDF : 13608295412382625846653401401781125120.0/4
 Right Out: -5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: -784.890+/-0.000 χ^2/NDF : 17356094199583326668571977769463840768.0/2
 All: -58.456+/-0.000 χ^2/NDF : 844424454528

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



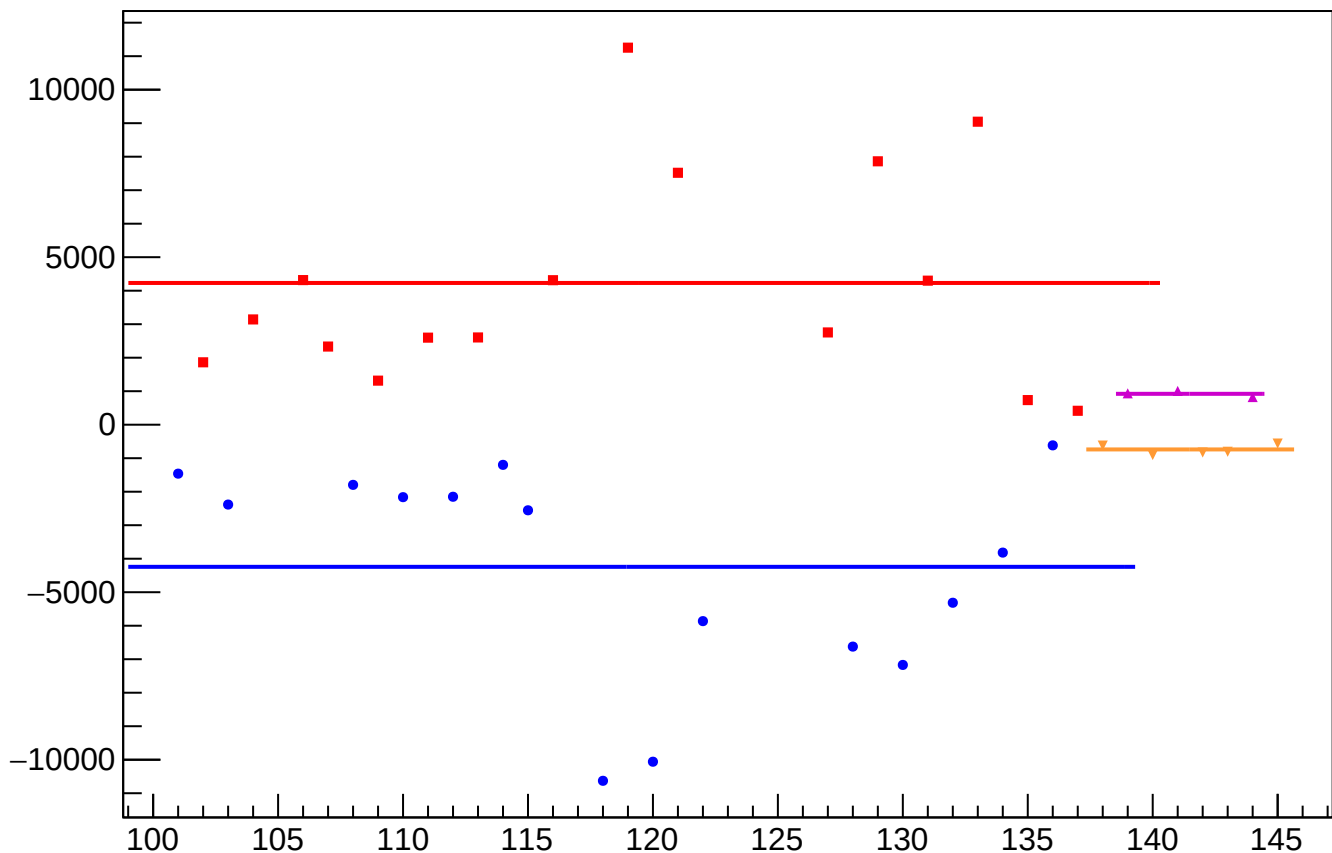
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14
 Left Out: 418.422+/-0.000 χ^2/NDF : 3047183967443195080197558477233586176.0/4
 Right Out: -299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15
 Left In: -489.934+/-0.000 χ^2/NDF : 1891746846547732499821499588498423808.0/2
 All: 30.089+/-0.000 χ^2/NDF : 2904649217514

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



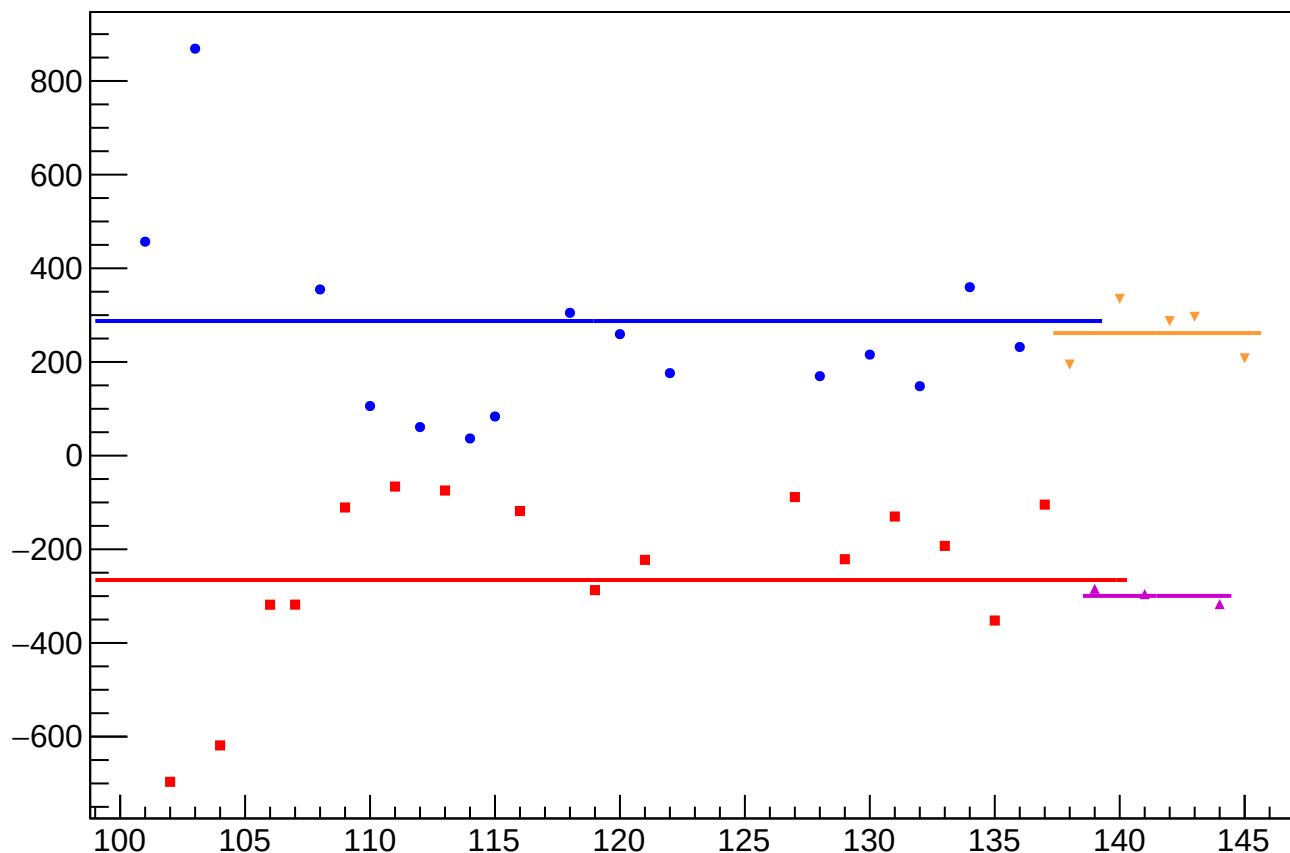
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 55.842+/-0.000	χ^2/NDF : 73510239461400424
Left Out: 982.382+/-0.000	χ^2/NDF : 14685782444975955043646013458404605952.0/4	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 389.488+/-0.000	χ^2/NDF : 96437210531074217
Left In: -1219.514+/-0.000	χ^2/NDF : 4325839922214845015970174629559926784.0/2	Out: -281.857+/-0.000	χ^2/NDF : 938693615780958
		All: 33.906+/-0.000	χ^2/NDF : 2118866786119

dit_sam7_coil7_mean vs Slug, Sign Corrected



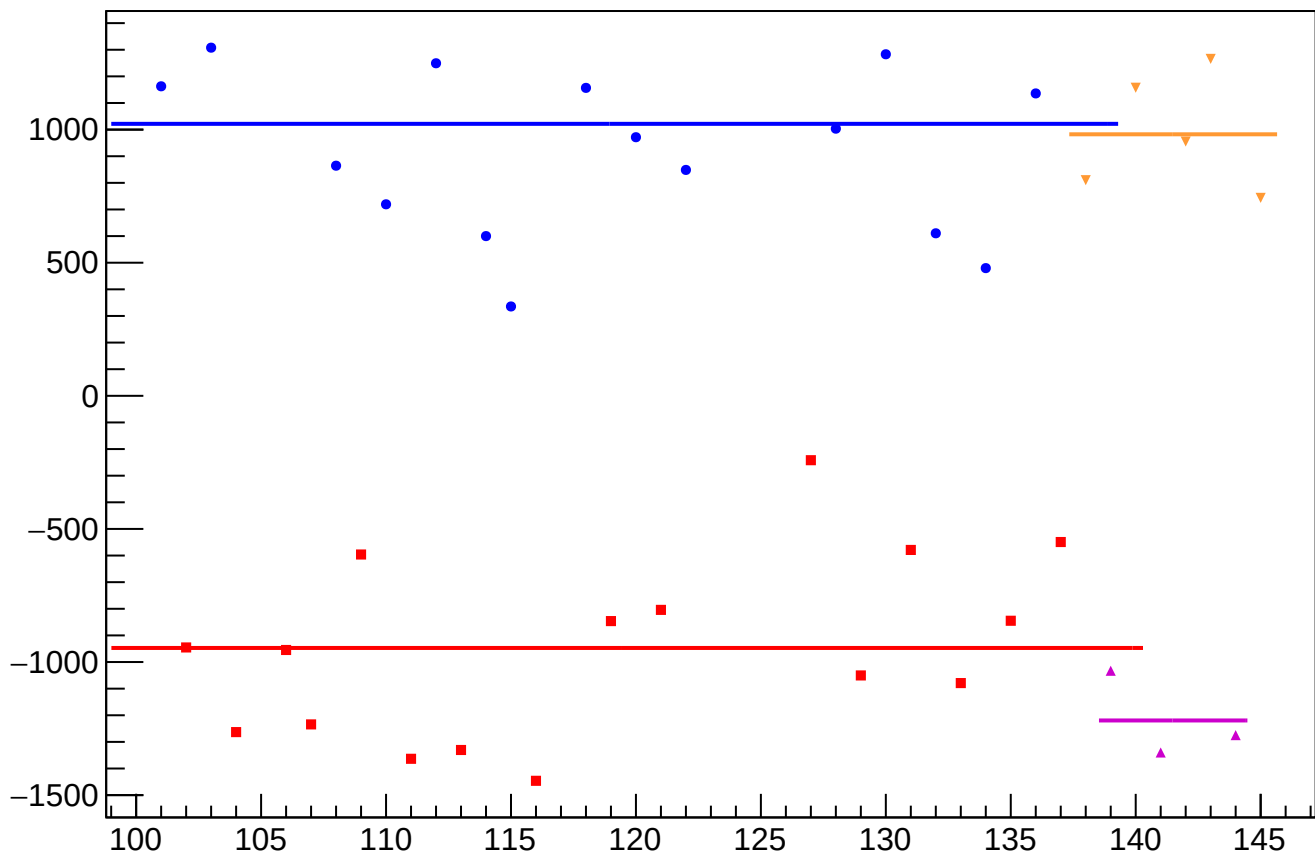
Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -738.181+/-0.000 χ^2/NDF : 6468821677262794187508218346302603264.0/4
 Right Out: 4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: 921.889+/-0.000 χ^2/NDF : 1487421923738875059904307995462336512.0/2
 All: 23.346+/-0.000 χ^2/NDF : 3750029068745

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14
 Left Out: 261.752+/-0.000 χ^2/NDF : 1127456697848360087995857849462816768.0/4
 Right Out: -265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15
 Left In: -299.480+/-0.000 χ^2/NDF : 47124722844183066355060593810997248.0/2
 All: 12.965+/-0.000 χ^2/NDF : 2038094439343

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 982.382 $\pm$ 0.000

χ^2/NDF : 14685782444975955043646013458404605952.0/4

Right Out: -947.145 $\pm$ 0.000

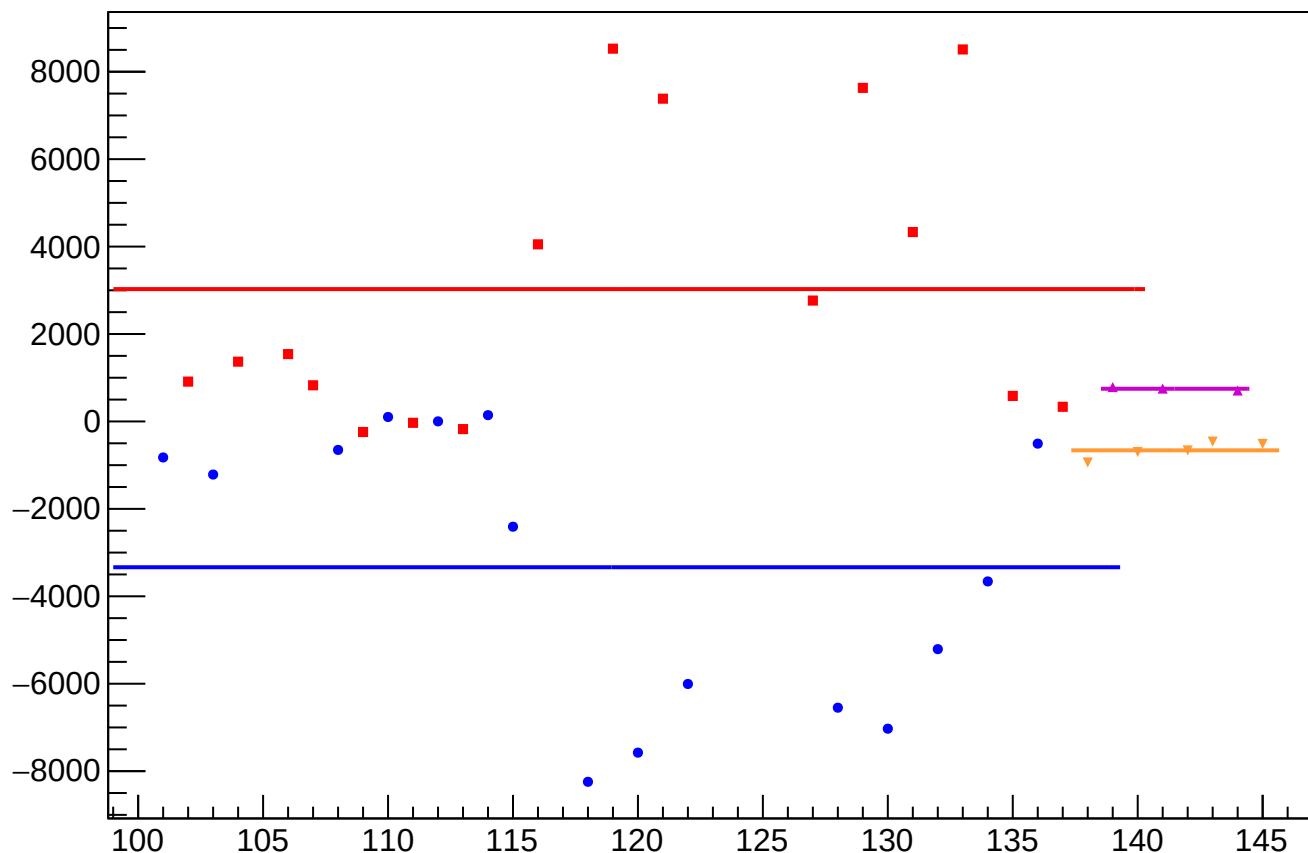
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1219.514 $\pm$ 0.000

χ^2/NDF : 4325839922214845015970174629559926784.0/2

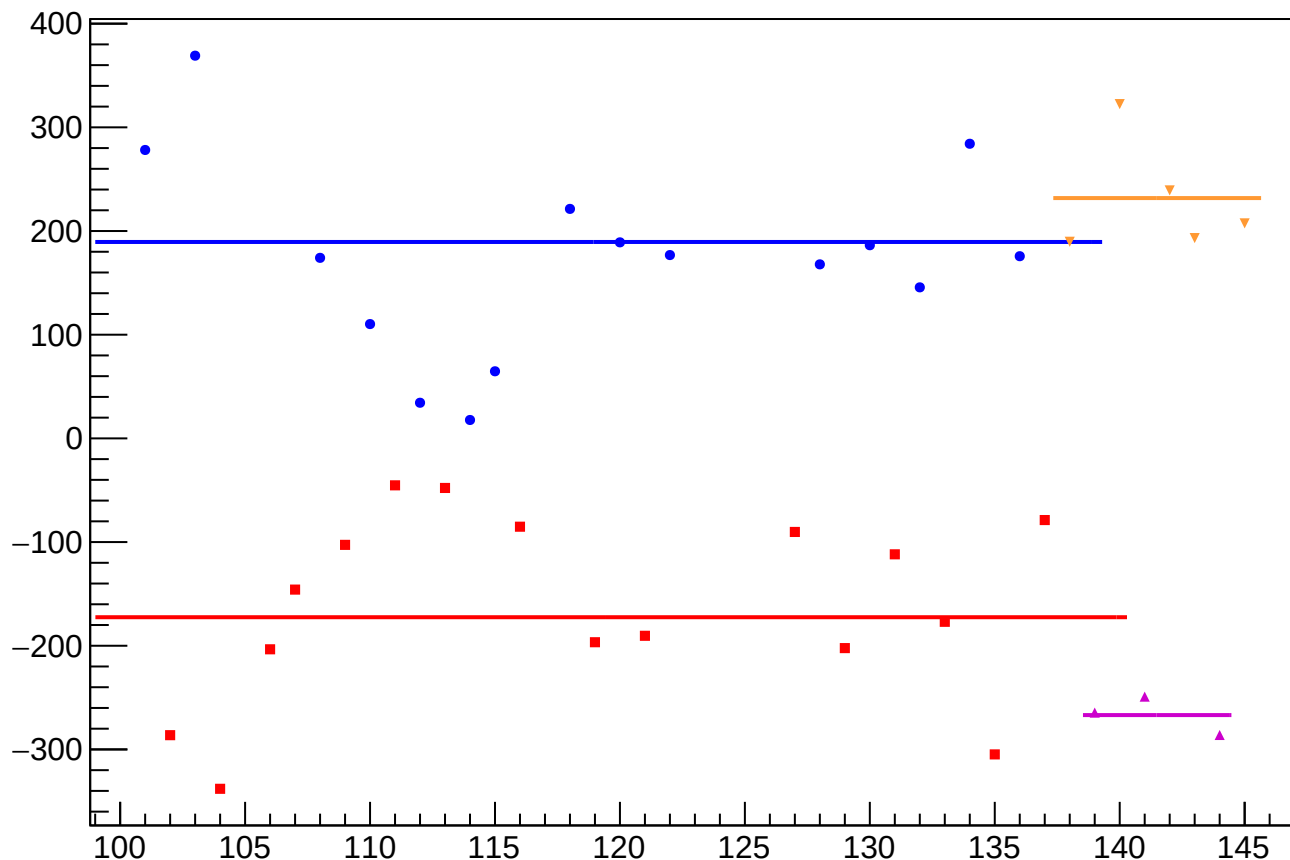
All: 33.906 $\pm$ 0.000 χ^2/NDF : 2118866786119

dit_sam8_coil7_mean vs Slug, Sign Corrected



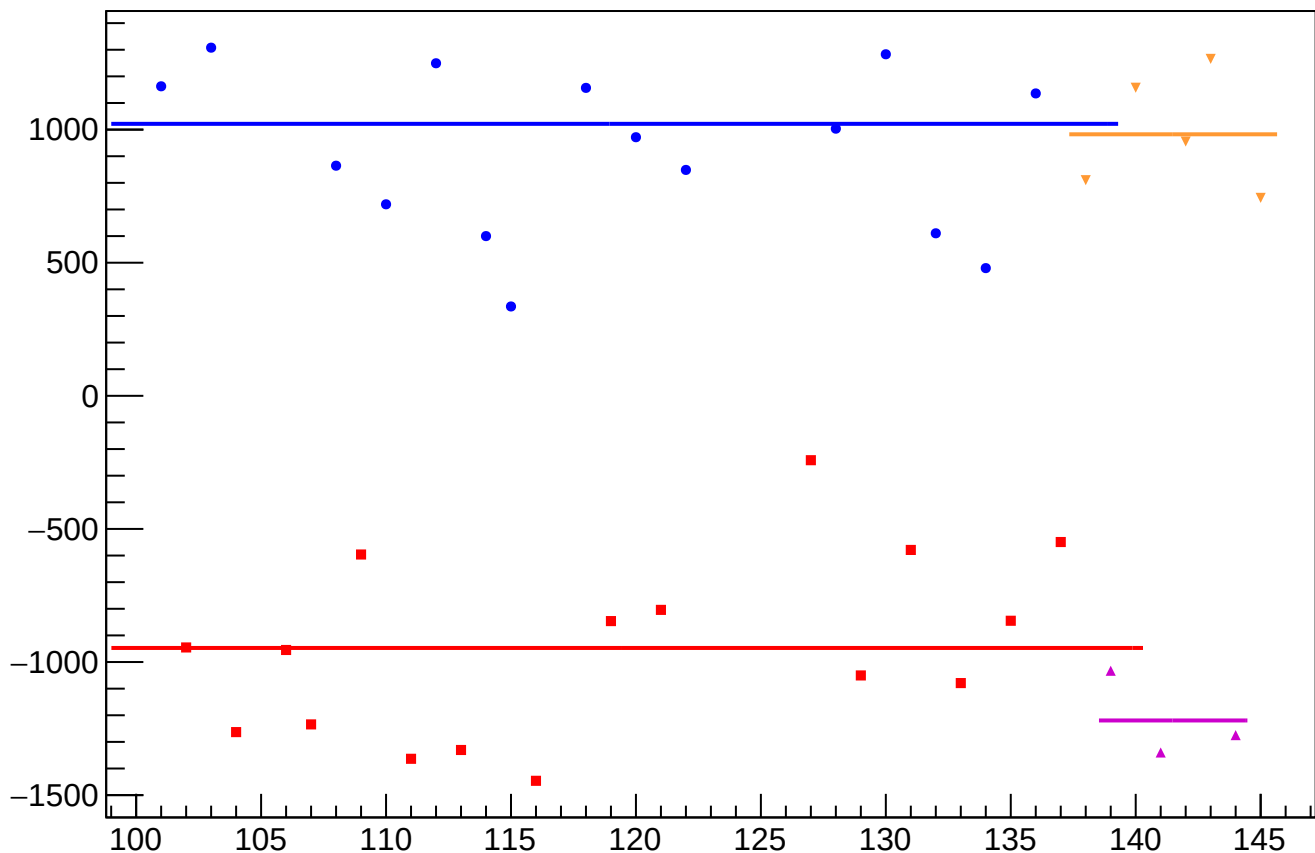
Left: -68.286 +/- 0.000 χ^2/NDF : 3039208388074818
 Right In: -3335.273 +/- 0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Right: -110.320 +/- 0.000 χ^2/NDF : 26741707536001
 Left Out: -661.147 +/- 0.000 χ^2/NDF : 10466801148685151345038127047135723520.0/4
 In: -2183.529 +/- 0.000 χ^2/NDF : 939035307478296
 Right Out: 3027.603 +/- 0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Out: 1755.745 +/- 0.000 χ^2/NDF : 102258985290199
 Left In: 747.771 +/- 0.000 χ^2/NDF : 265909428597173953430969400160157696.0/2
 All: -97.066 +/- 0.000 χ^2/NDF : 270463615022

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



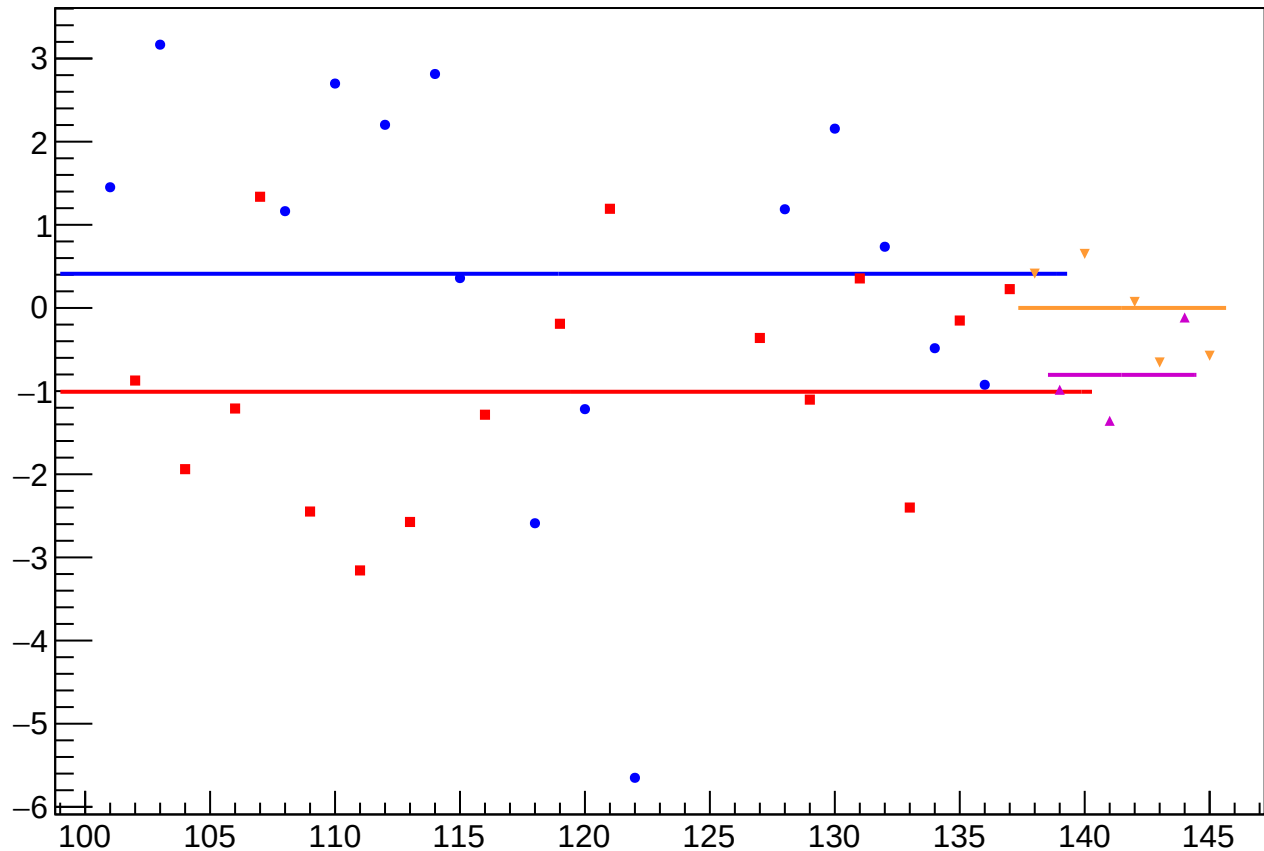
Right In: 189.442 +/- 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 231.775 +/- 0.000 χ^2/NDF : 960916000033465623120930969678249984.0/4
 Right Out: -172.485 +/- 0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15
 Left In: -266.874 +/- 0.000 χ^2/NDF : 60126714615945865723332606140874752.0/2
 All: 11.030 +/- 0.000 χ^2/NDF : 9124166010752

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



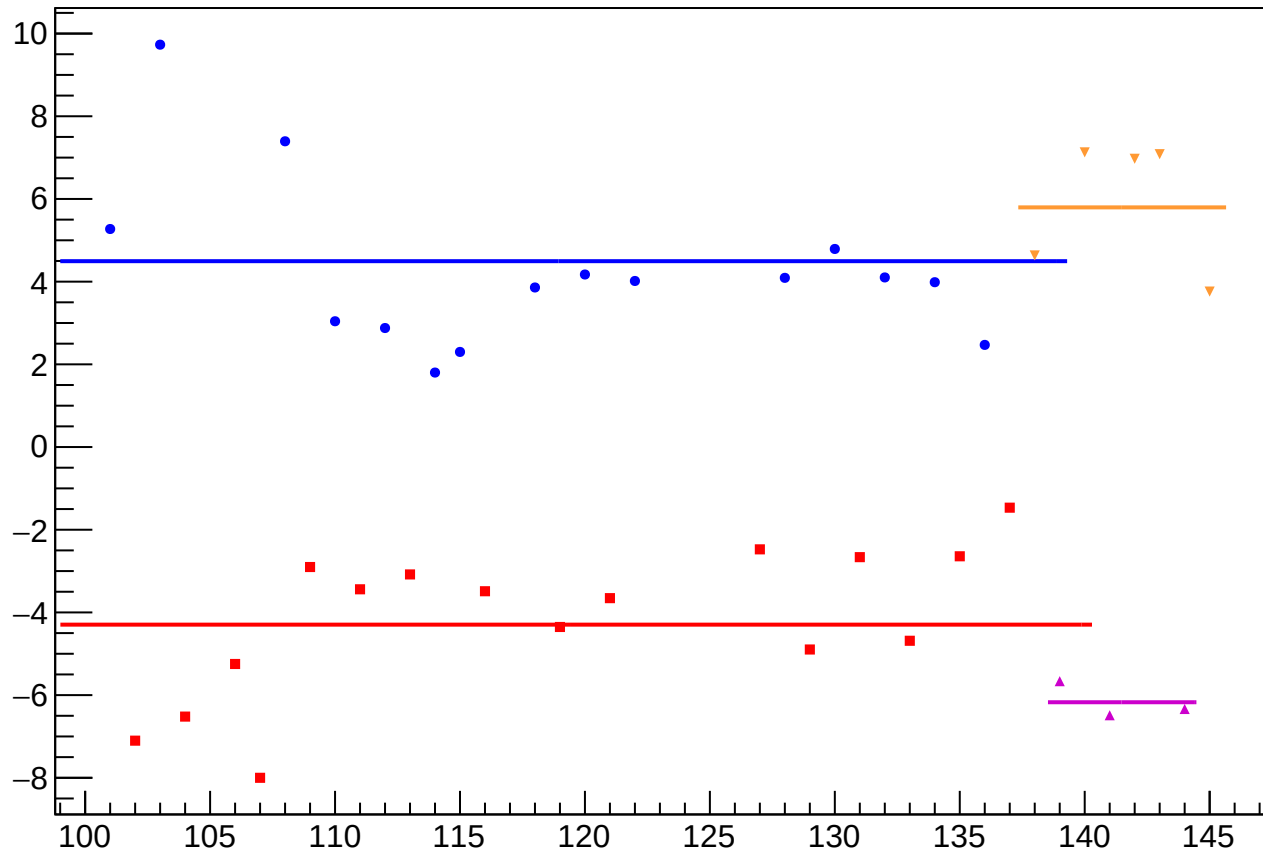
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 55.842+/-0.000	χ^2/NDF : 73510239461400424
Left Out: 982.382+/-0.000	χ^2/NDF : 14685782444975955043646013458404605952.0/4	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 389.488+/-0.000	χ^2/NDF : 96437210531074217
Left In: -1219.514+/-0.000	χ^2/NDF : 4325839922214845015970174629559926784.0/2	Out: -281.857+/-0.000	χ^2/NDF : 938693615780958
		All: 33.906+/-0.000	χ^2/NDF : 2118866786119

dit_4aX_coil4_mean vs Slug, Sign Corrected



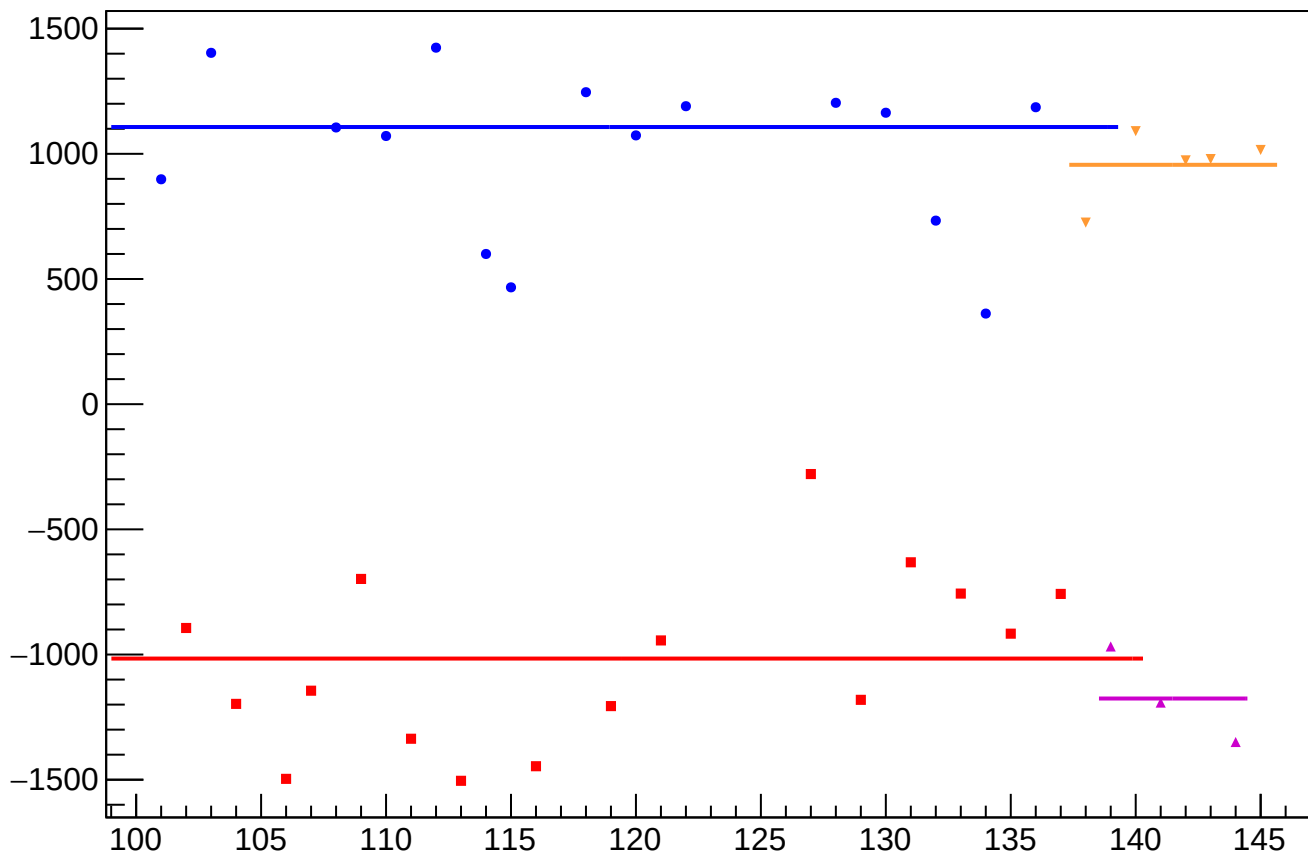
Right In: 0.411 ± 0.000 $\chi^2/\text{NDF}: 3385573506255563170053089820409856.0/14$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 102700957631794118357892762435584.0/4$
 Right Out: -1.008 ± 0.000 $\chi^2/\text{NDF}: 1128402228144096394498047410700288.0/15$
 Left In: -0.805 ± 0.000 $\chi^2/\text{NDF}: 70922235355343928362039278305280.0/2$
 All: -0.318 ± 0.000 $\chi^2/\text{NDF}: 5446048671670$

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



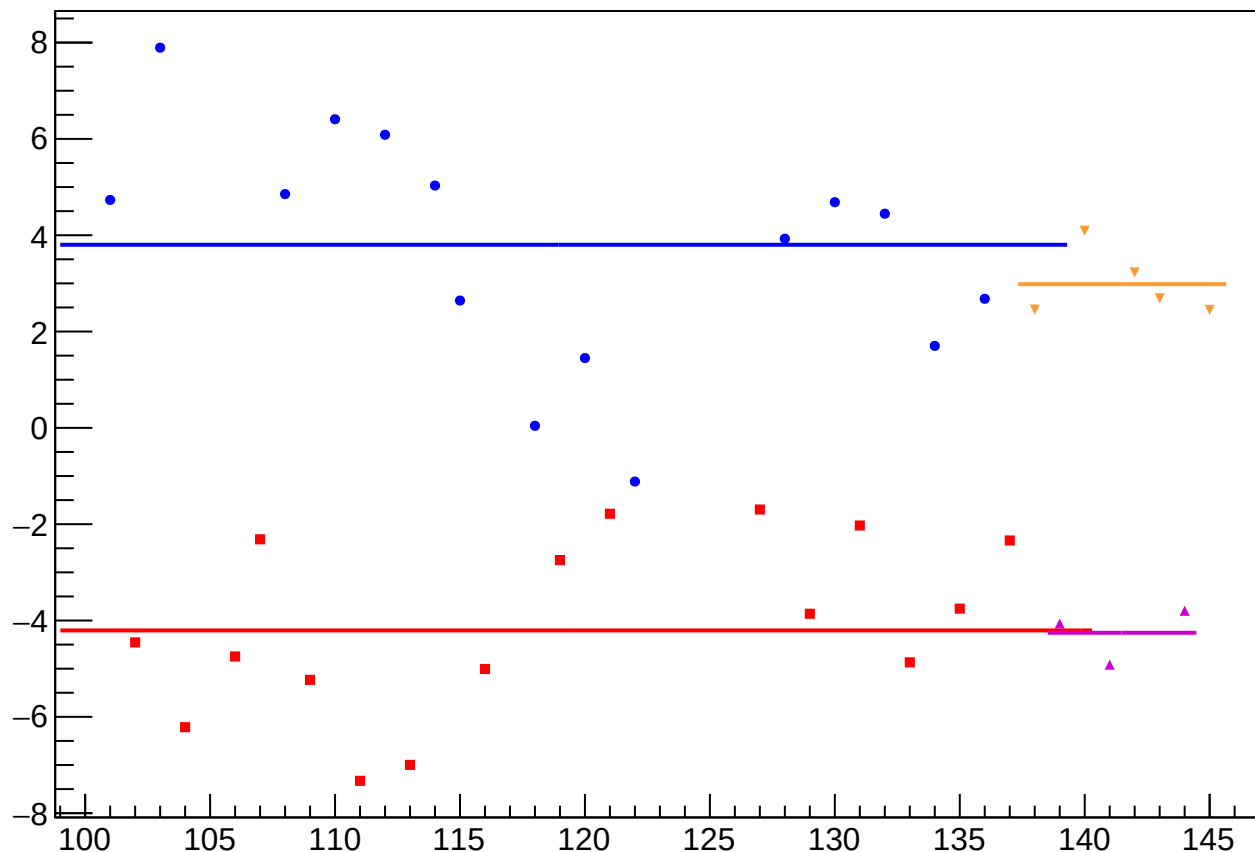
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 5.796 $\pm$ 0.000 χ^2 /NDF: 748360972847022602574752578011136.0/4
 Right Out: -4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: -6.172 $\pm$ 0.000 χ^2 /NDF: 31799991714844239434587536621568.0/2
 All: 0.267 $\pm$ 0.000 χ^2 /NDF: 52326010786902

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 59.056+/-0.000 χ^2/NDF : 68337623658969403
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 In: 463.138+/-0.000 χ^2/NDF : 10007975321543678
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -336.105+/-0.000 χ^2/NDF : 973039024272305
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

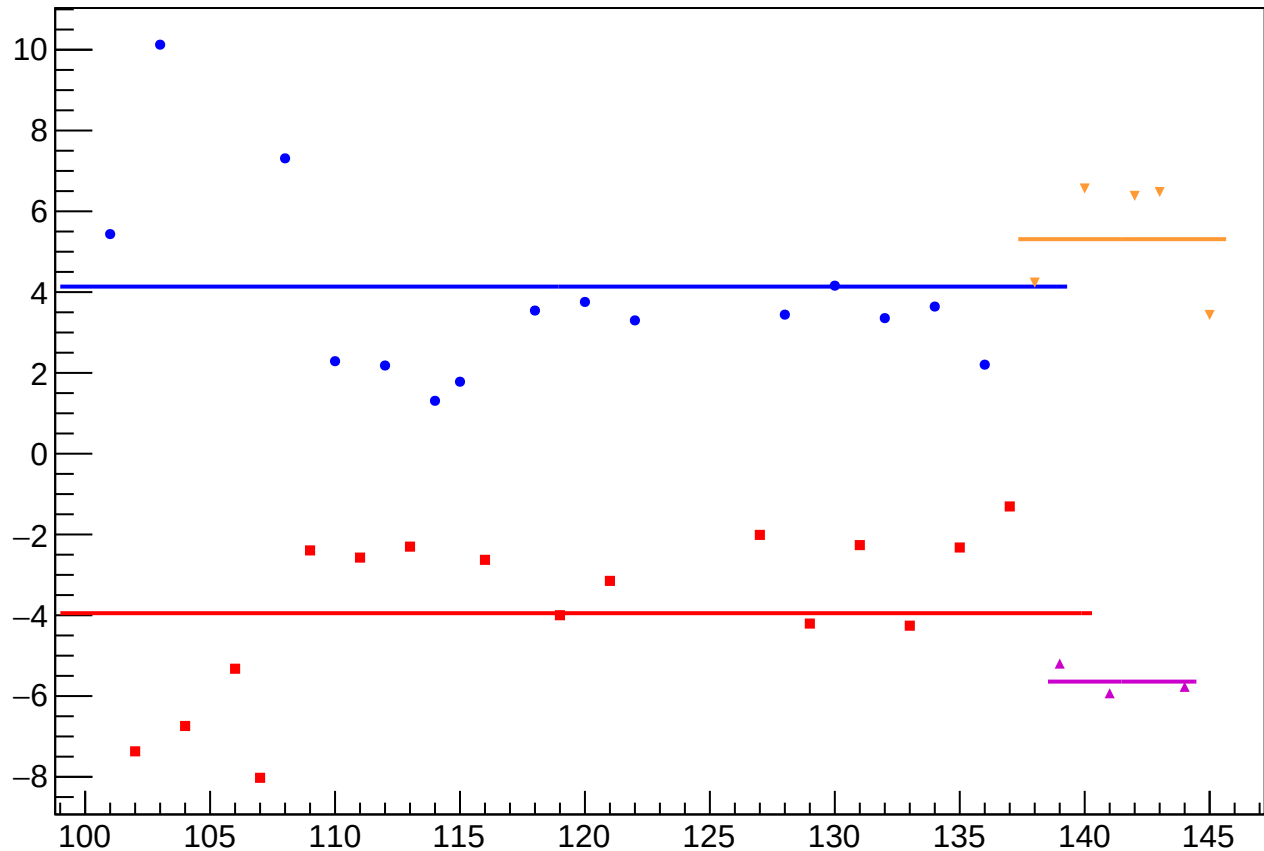
dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.062 +/- 0.000 χ^2/NDF : 79484615537504986
 Right: -0.257 +/- 0.000 χ^2/NDF : 2698438341107243
 In: 1.530 +/- 0.000 χ^2/NDF : 1573567135814257230
 Out: -1.727 +/- 0.000 χ^2/NDF : 14135098313091012
 All: -0.195 +/- 0.000 χ^2/NDF : 3494852817784

Right In: 3.802 +/- 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 2.983 +/- 0.000 χ^2/NDF : 153377873989438124748556052987904.0/4
 Right Out: -4.206 +/- 0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: -4.254 +/- 0.000 χ^2/NDF : 58827301648616033042108661104640.0/2

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 4.136+/-0.000

χ^2/NDF : 3507600624388663919898505496231936.0/14

Left Out: 5.311+/-0.000

χ^2/NDF : 638017415278528433701846599598080.0/4

Right Out: -3.948+/-0.000

χ^2/NDF : 2670176783942302028345551100051456.0/15

Left In: -5.642+/-0.000

χ^2/NDF : 24651689099198433059289675333632.0/2

Left: 0.702+/-0.000 χ^2/NDF : 183810120500730648

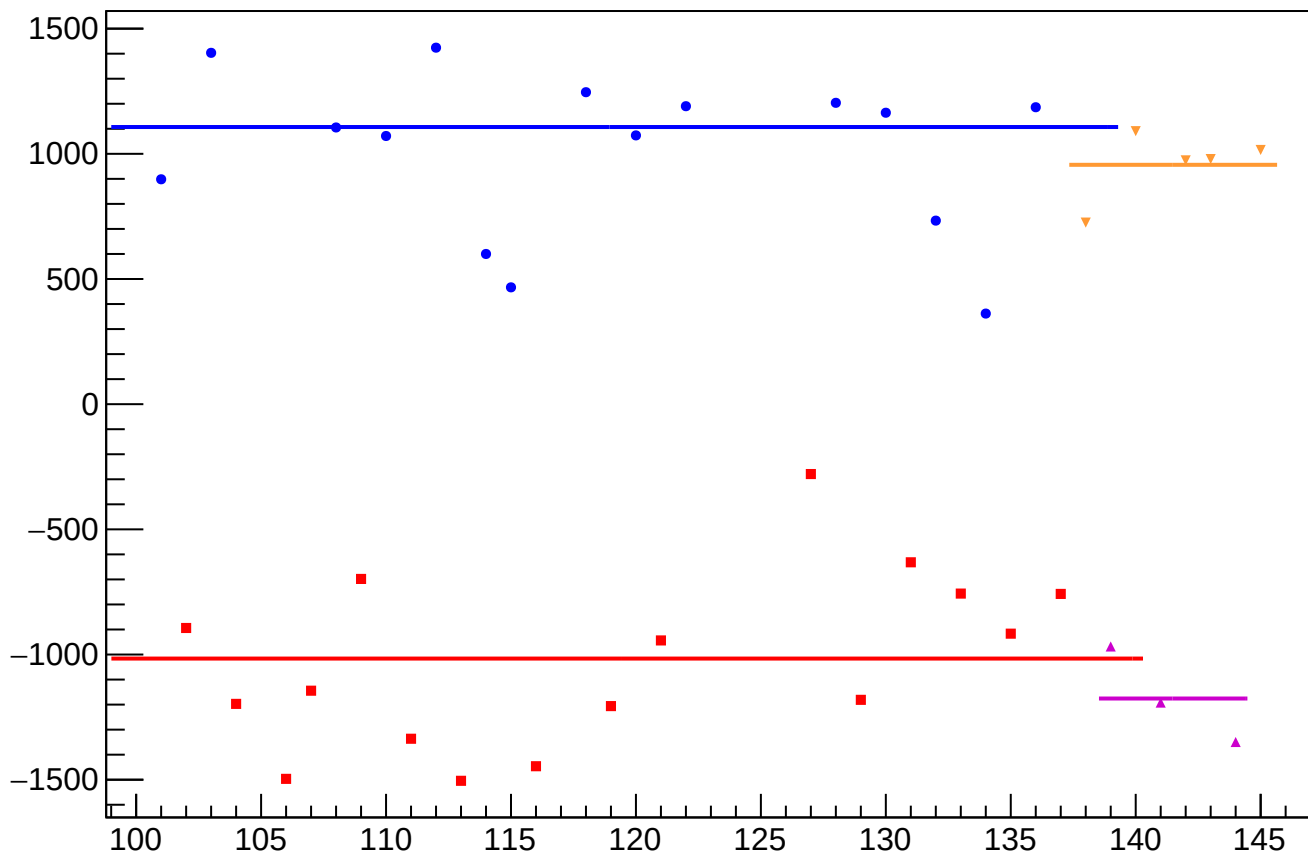
Right: 0.039+/-0.000 χ^2/NDF : 27678490251430251

In: 1.378+/-0.000 χ^2/NDF : 210364782585233527

Out: -0.756+/-0.000 χ^2/NDF : 23025120751837717

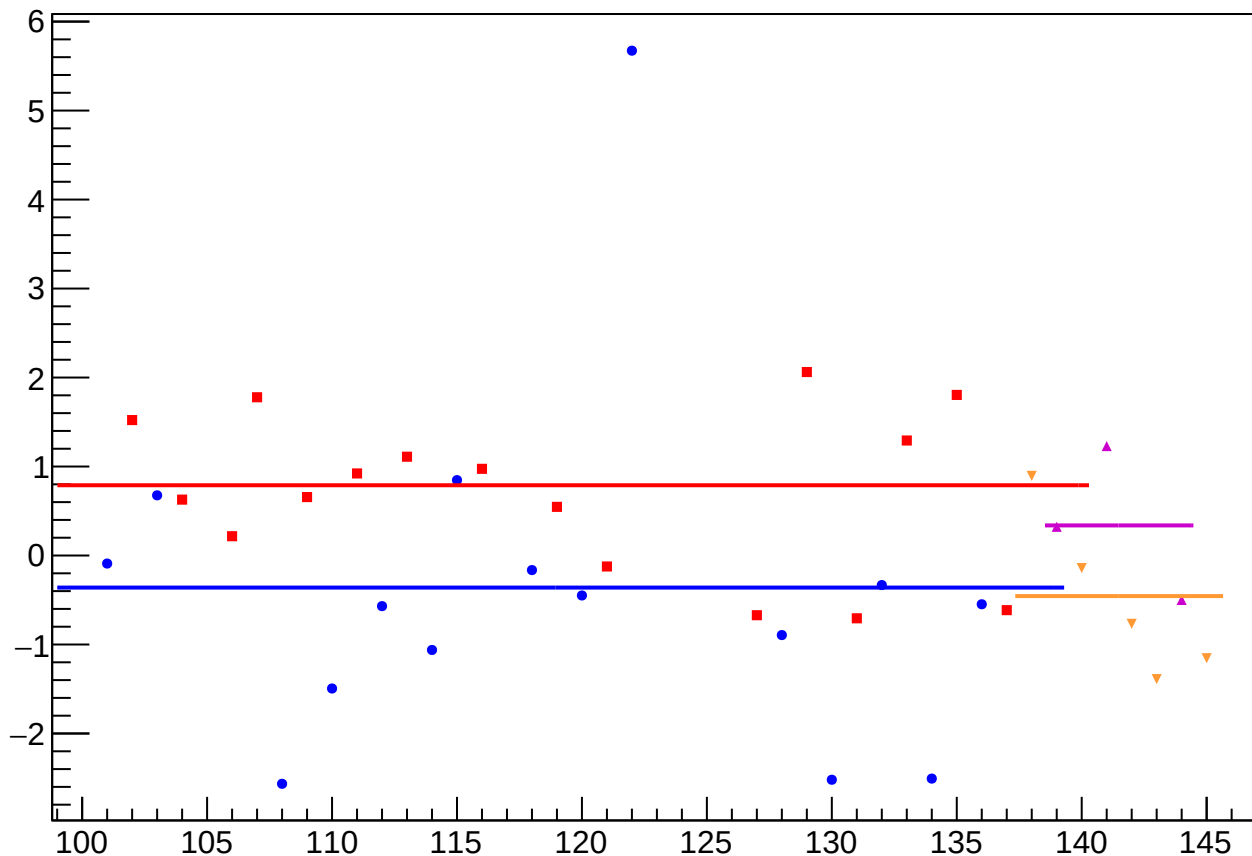
All: 0.248+/-0.000 χ^2/NDF : 46242072825410

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



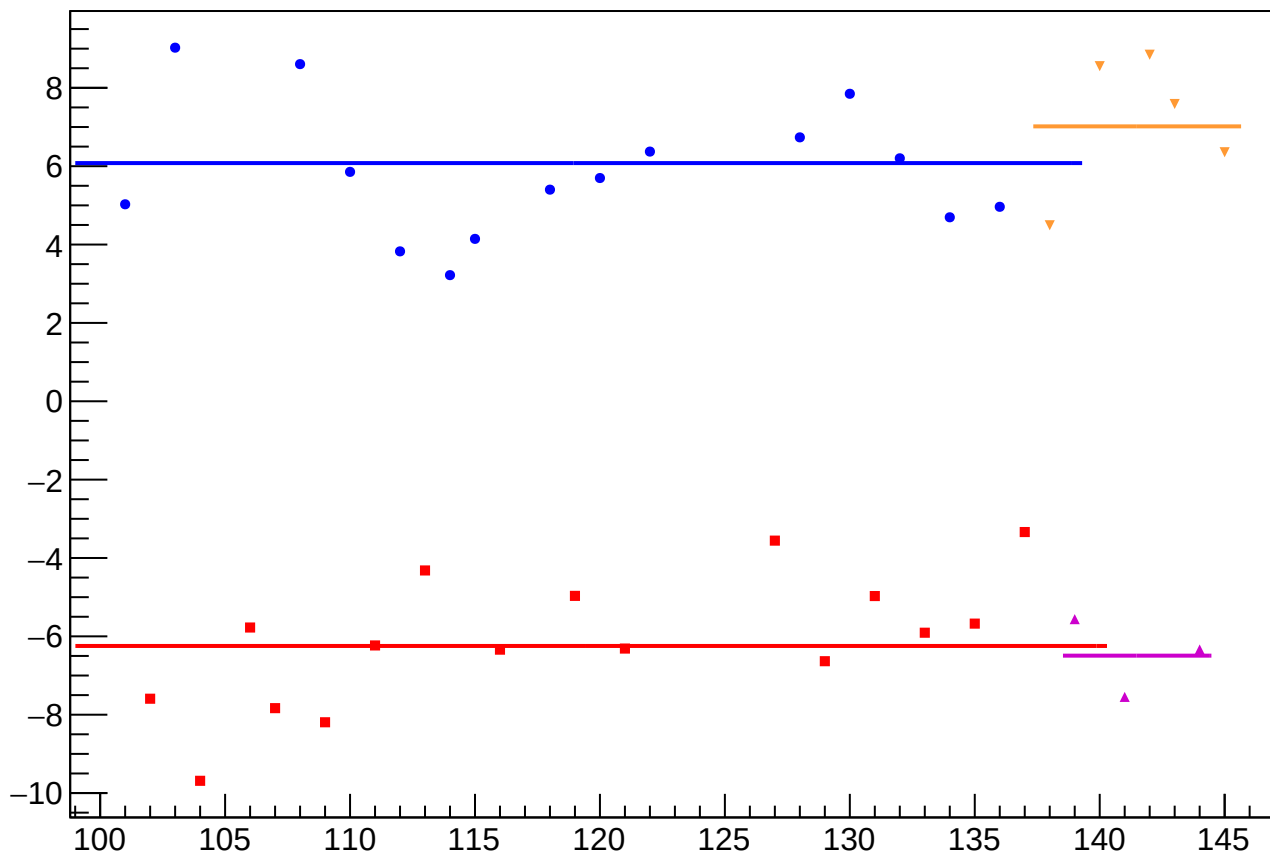
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_11X12X_coil4_mean vs Slug, Sign Corrected



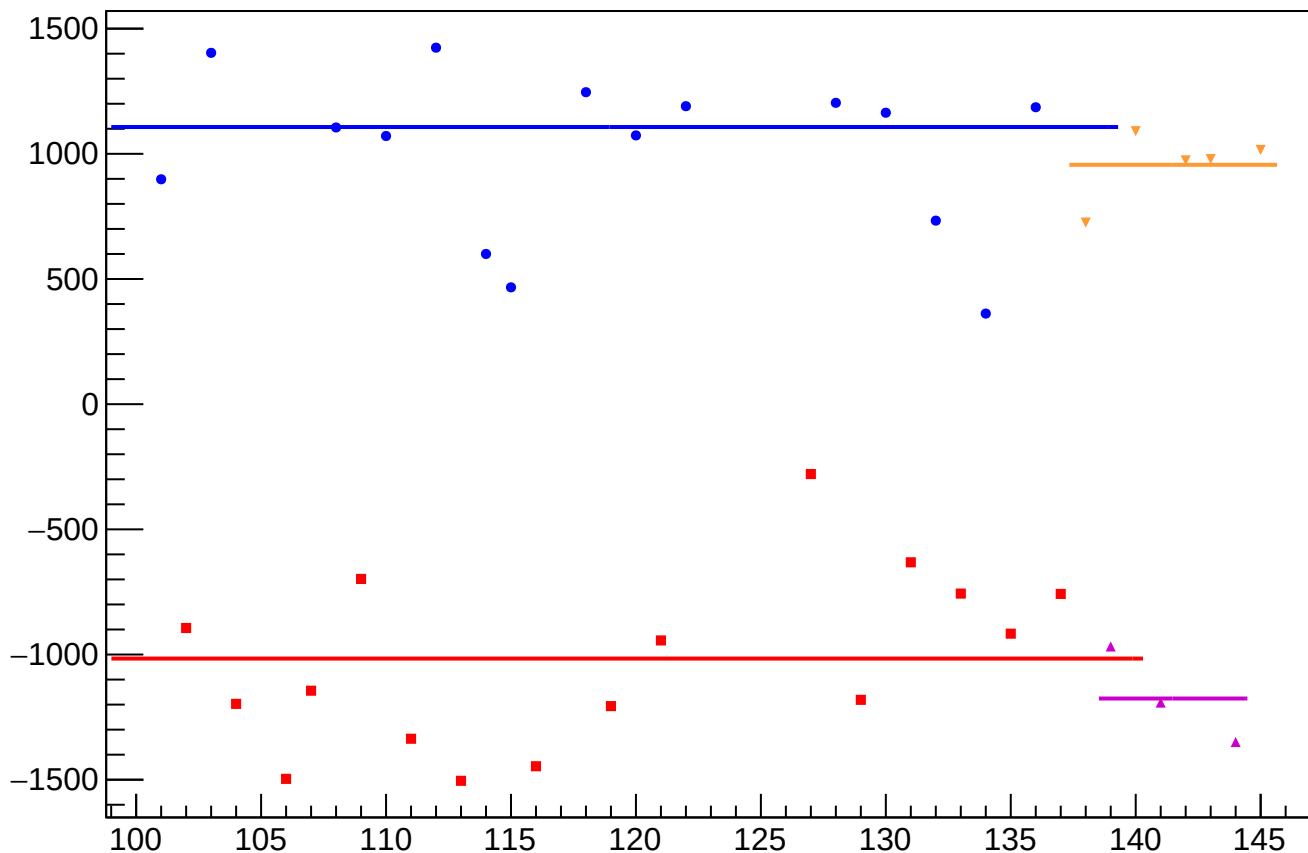
Right In: -0.360 ± 0.000 $\chi^2/\text{NDF}: 2180256348790896849346212178952192.0/14$
 Left Out: -0.456 ± 0.000 $\chi^2/\text{NDF}: 251252266902939712453092917116928.0/4$
 Right Out: 0.790 ± 0.000 $\chi^2/\text{NDF}: 463078369073343959803422903894016.0/15$
 Left In: 0.338 ± 0.000 $\chi^2/\text{NDF}: 129991066490029623621924457283584.0/2$
 All: 0.114 ± 0.000 $\chi^2/\text{NDF}: 36018477318217$

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



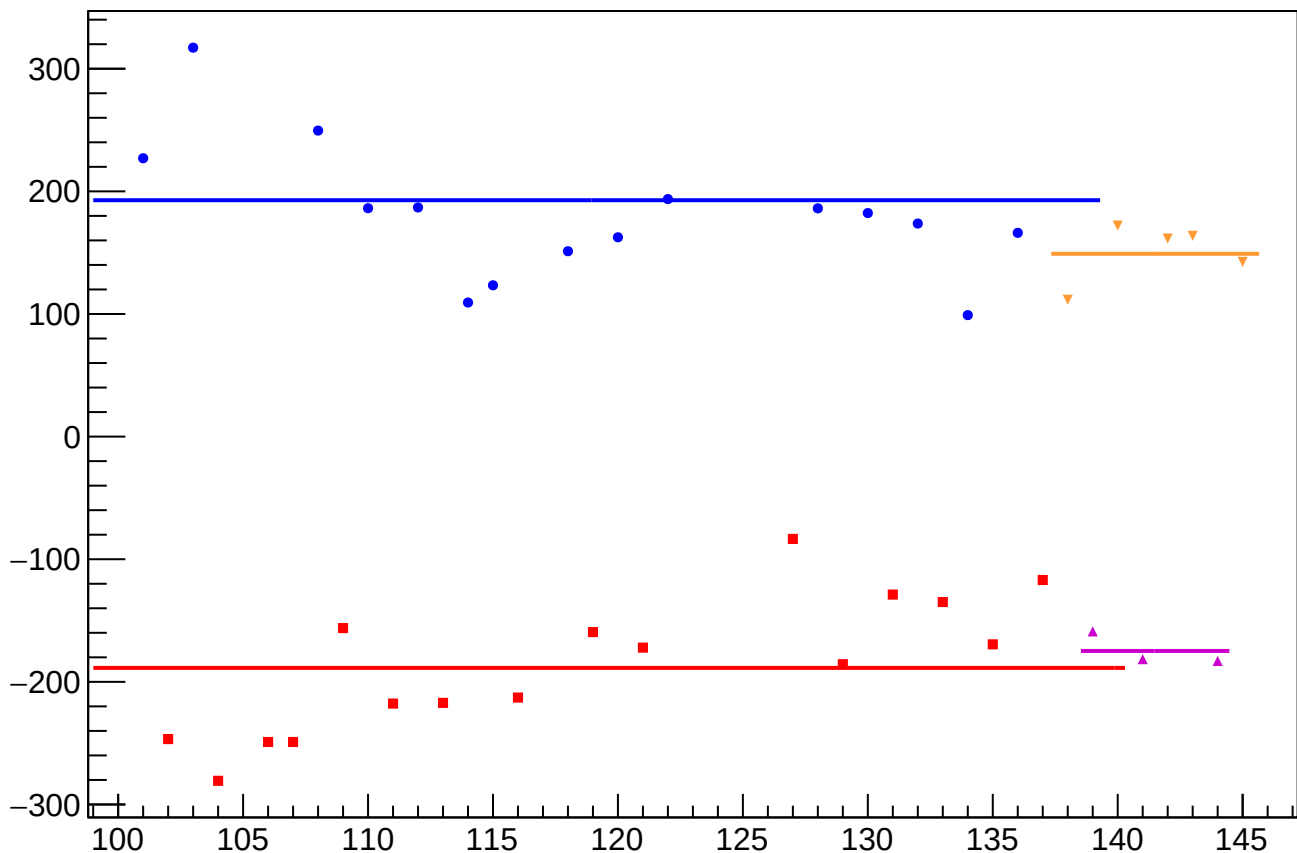
Right In: 6.079 $\pm$ 0.000 χ^2 /NDF: 1590295171022705157509900448825344.0/14
 Left Out: 7.016 $\pm$ 0.000 χ^2 /NDF: 900264118601626332465140133265408.0/4
 Right Out: -6.245 $\pm$ 0.000 χ^2 /NDF: 1816529163105006938510976985595904.0/15
 Left In: -6.493 $\pm$ 0.000 χ^2 /NDF: 166693940084253623898313123168256.0/2
 All: 0.305 $\pm$ 0.000 χ^2 /NDF: 82326654623363

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



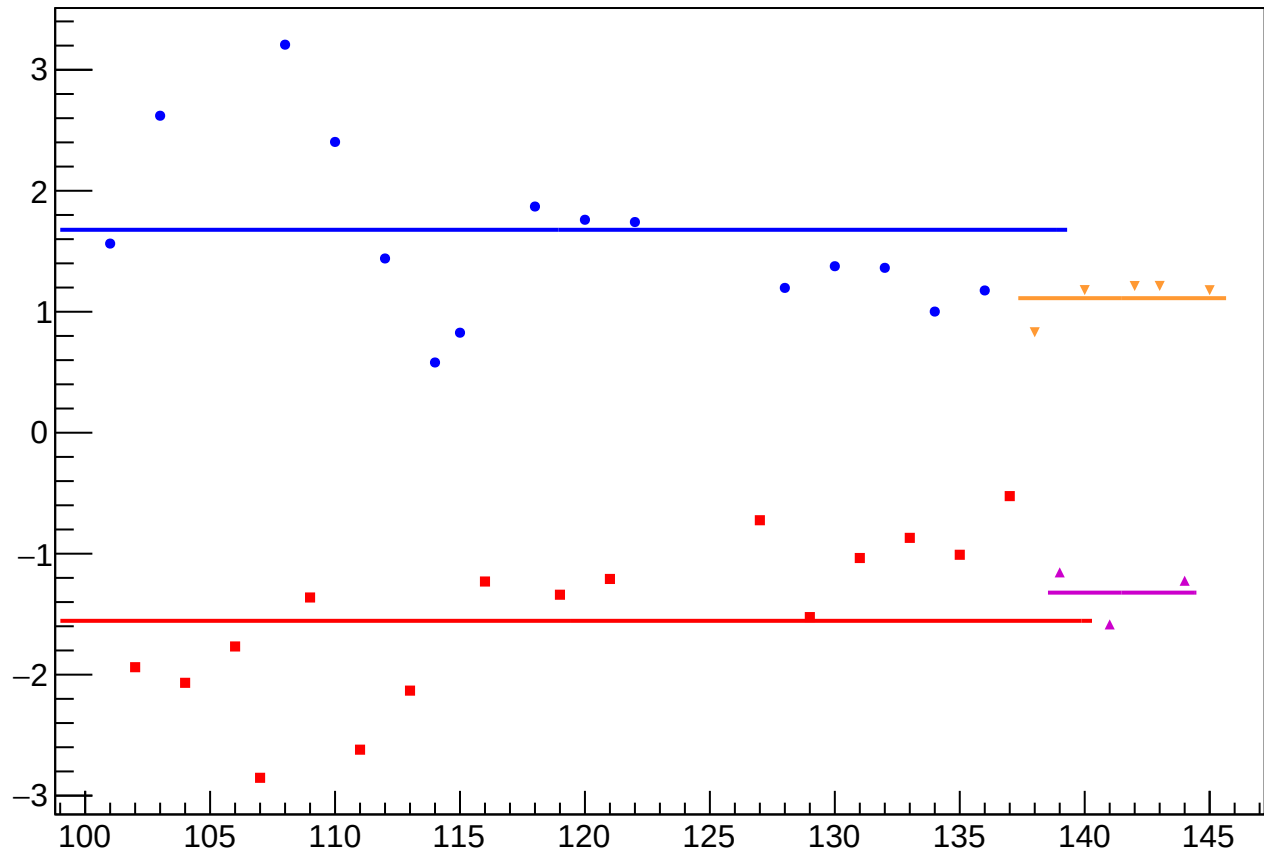
Left: 59.056+/-0.000 χ^2/NDF : 68337623658969403
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_4aY_coil4_mean vs Slug, Sign Corrected



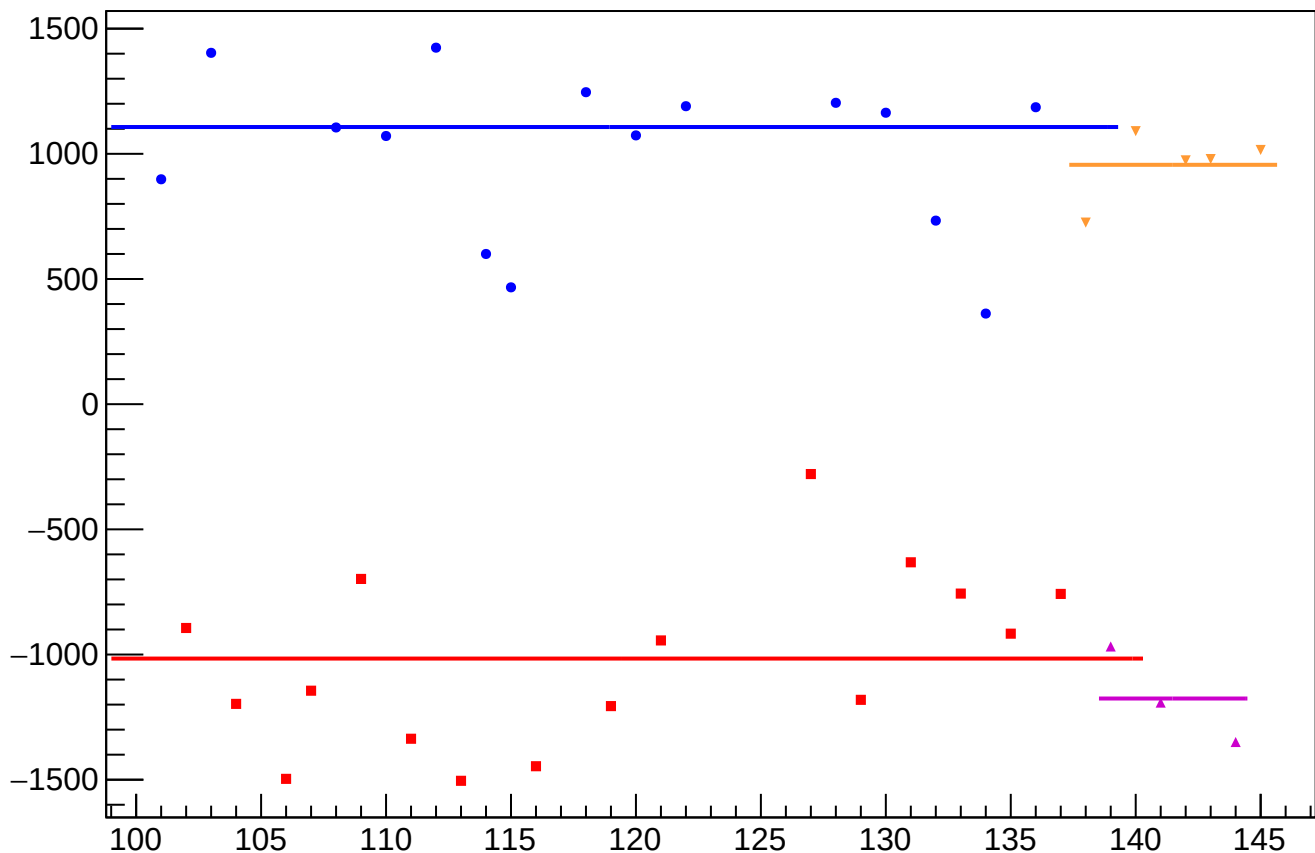
Right In: 192.771 $\pm$ 0.000 χ^2 /NDF: 1640576279746948433391816936236515328.0/14
 Left Out: 149.102 $\pm$ 0.000 χ^2 /NDF: 177968999938479980663602539481006080.0/4
 Right Out: -188.612 $\pm$ 0.000 χ^2 /NDF: 1922342257287674563344204730019610624.0/15
 Left In: -174.802 $\pm$ 0.000 χ^2 /NDF: 30317309200420064235050356717912064.0/2
 All: 3.676 $\pm$ 0.000 χ^2 /NDF: 67185603178658

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



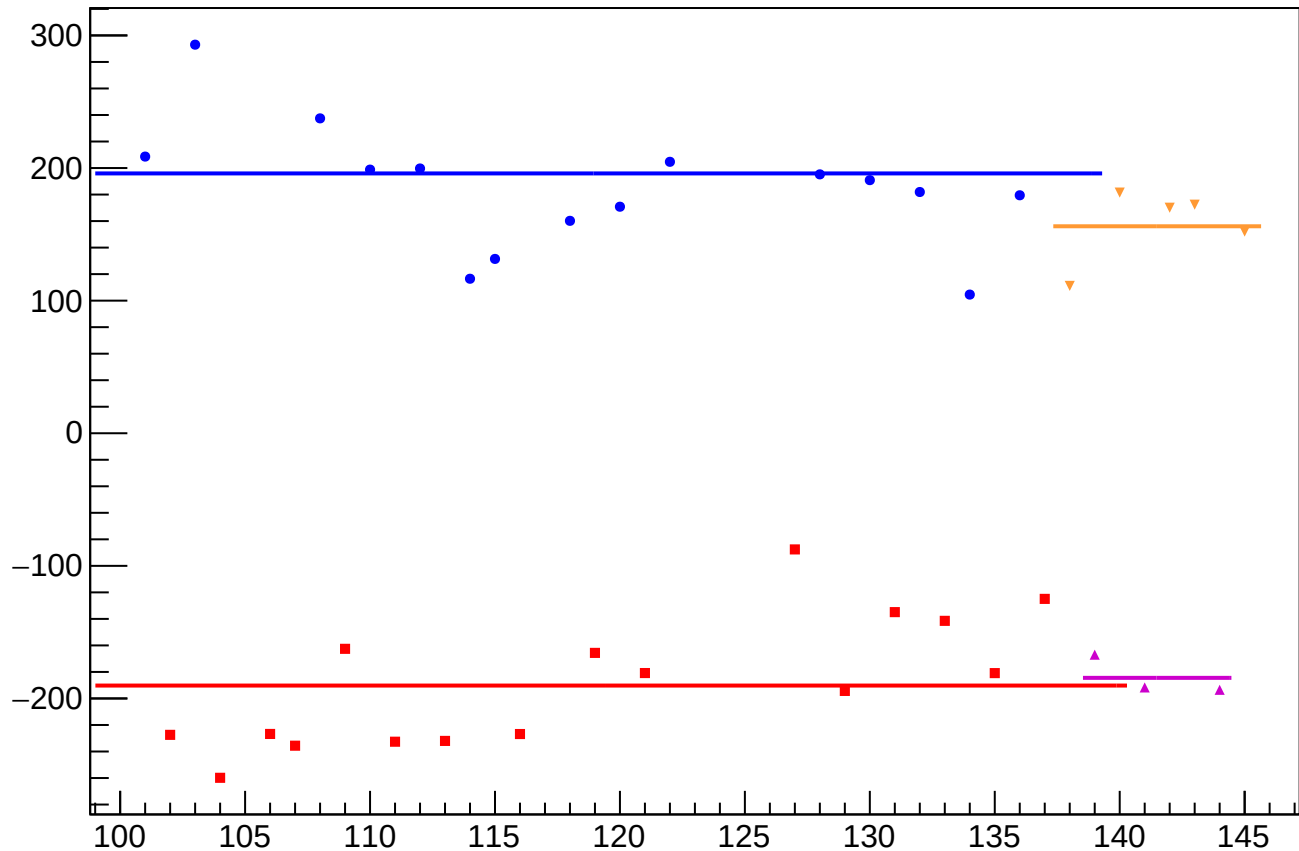
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14
 Left Out: 1.112 $\pm$ 0.000 χ^2 /NDF: 8048620931337354865902970994688.0/4
 Right Out: -1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15
 Left In: -1.322 $\pm$ 0.000 χ^2 /NDF: 8996455865119985815829828599808.0/2
 All: 0.055 $\pm$ 0.000 χ^2 /NDF: 48276336847489

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 195.940 $\pm$ 0.000

χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 156.080 $\pm$ 0.000

χ^2 /NDF: 238579352999065663425293652833861632.0/4

Right Out: -190.268 $\pm$ 0.000

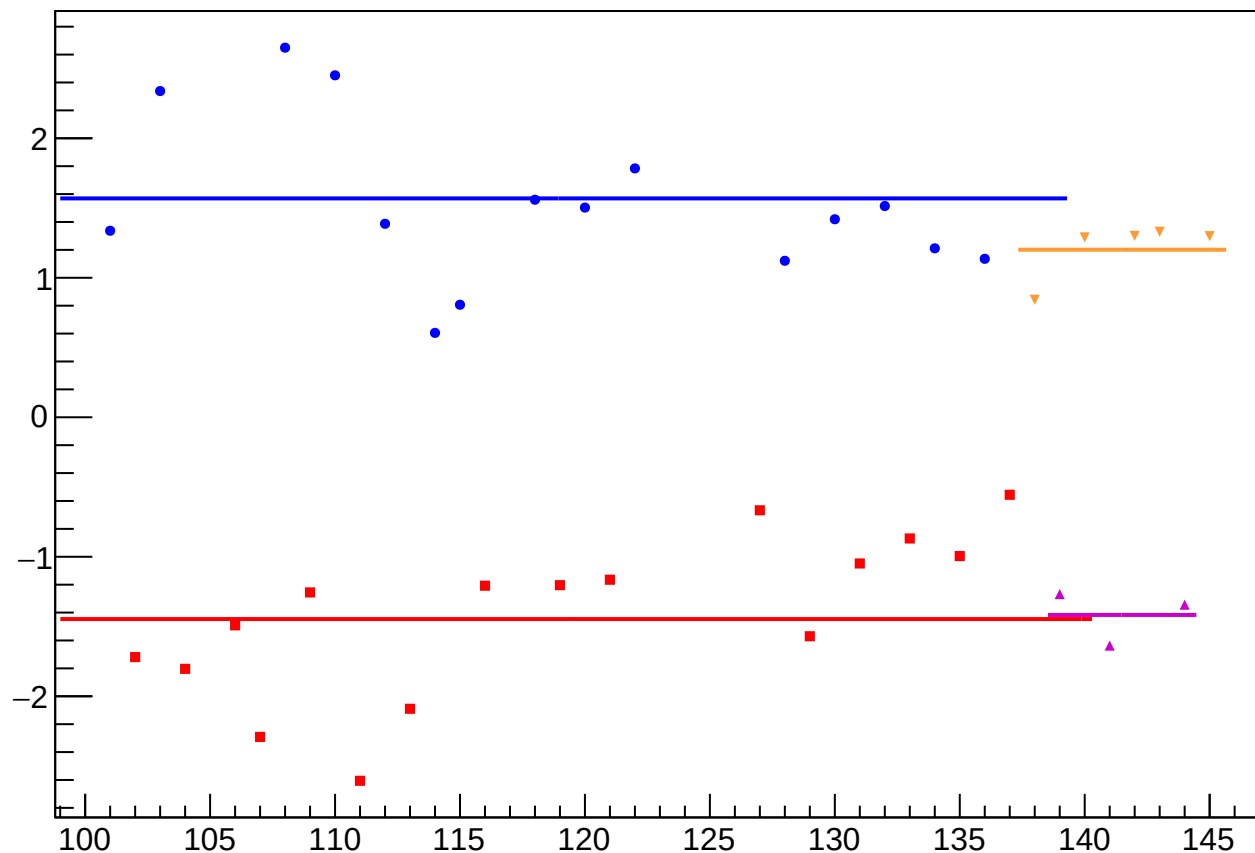
χ^2 /NDF: 1468473073667973330267084234323656704.0/15

Left In: -184.460 $\pm$ 0.000

χ^2 /NDF: 36406869948599930688593057353302016.0/2

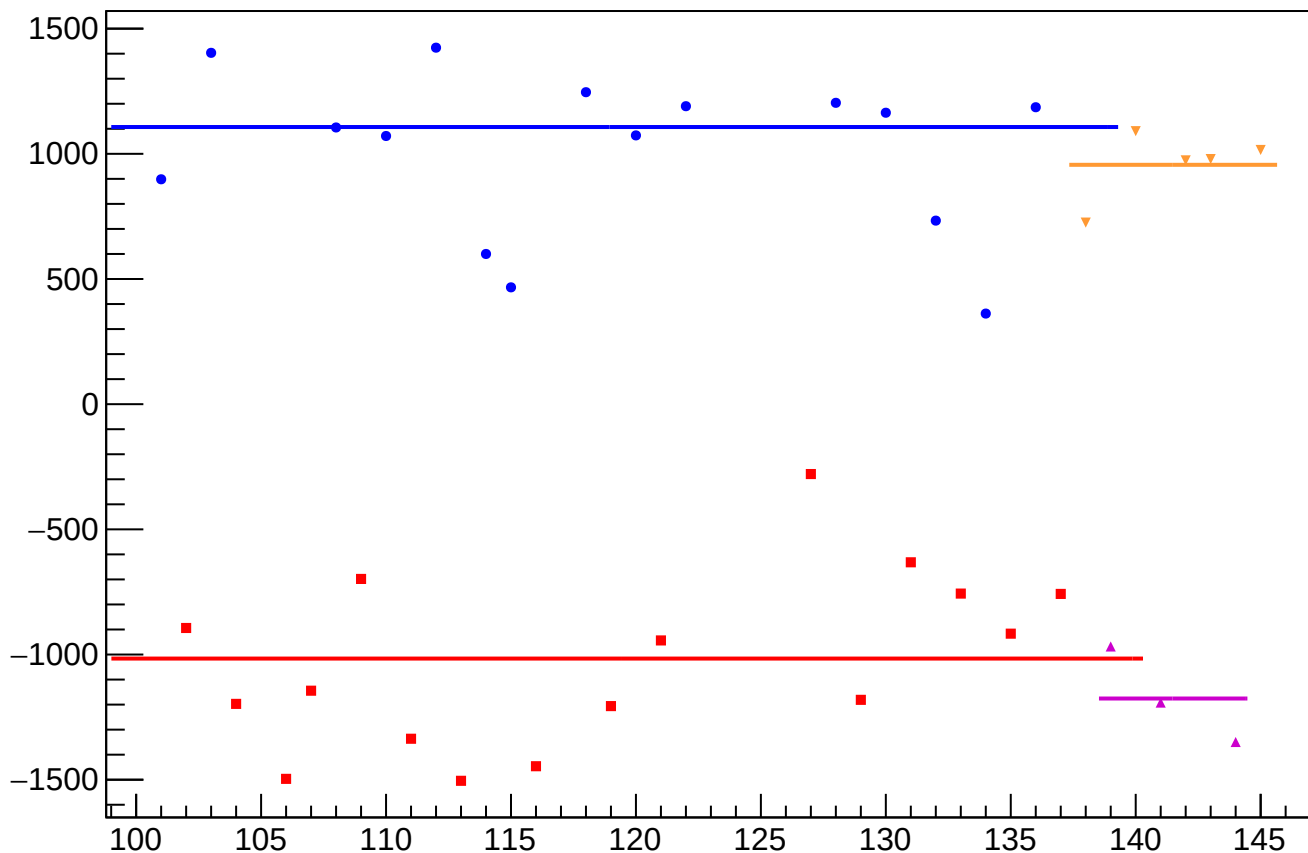
All: 4.164 $\pm$ 0.000 χ^2 /NDF: 69058674548680.0/30

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



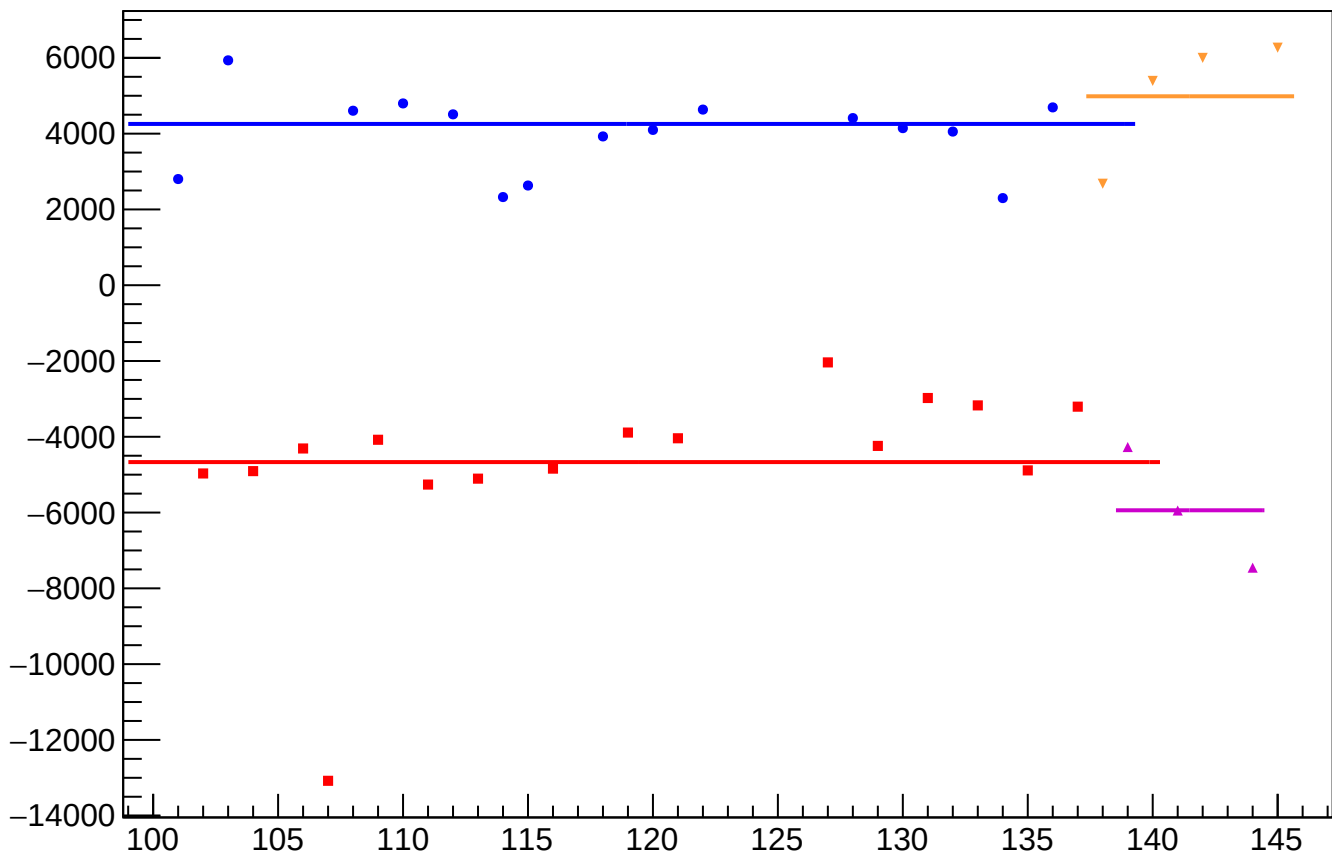
Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14
 Left Out: 1.201+/-0.000 χ^2/NDF : 12982864929793788059382580248576.0/4
 Right Out: -1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15
 Left In: -1.417+/-0.000 χ^2/NDF : 6395662009893452105327765880832.0/2
 All: 0.059+/-0.000 χ^2/NDF : 4383228851668

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



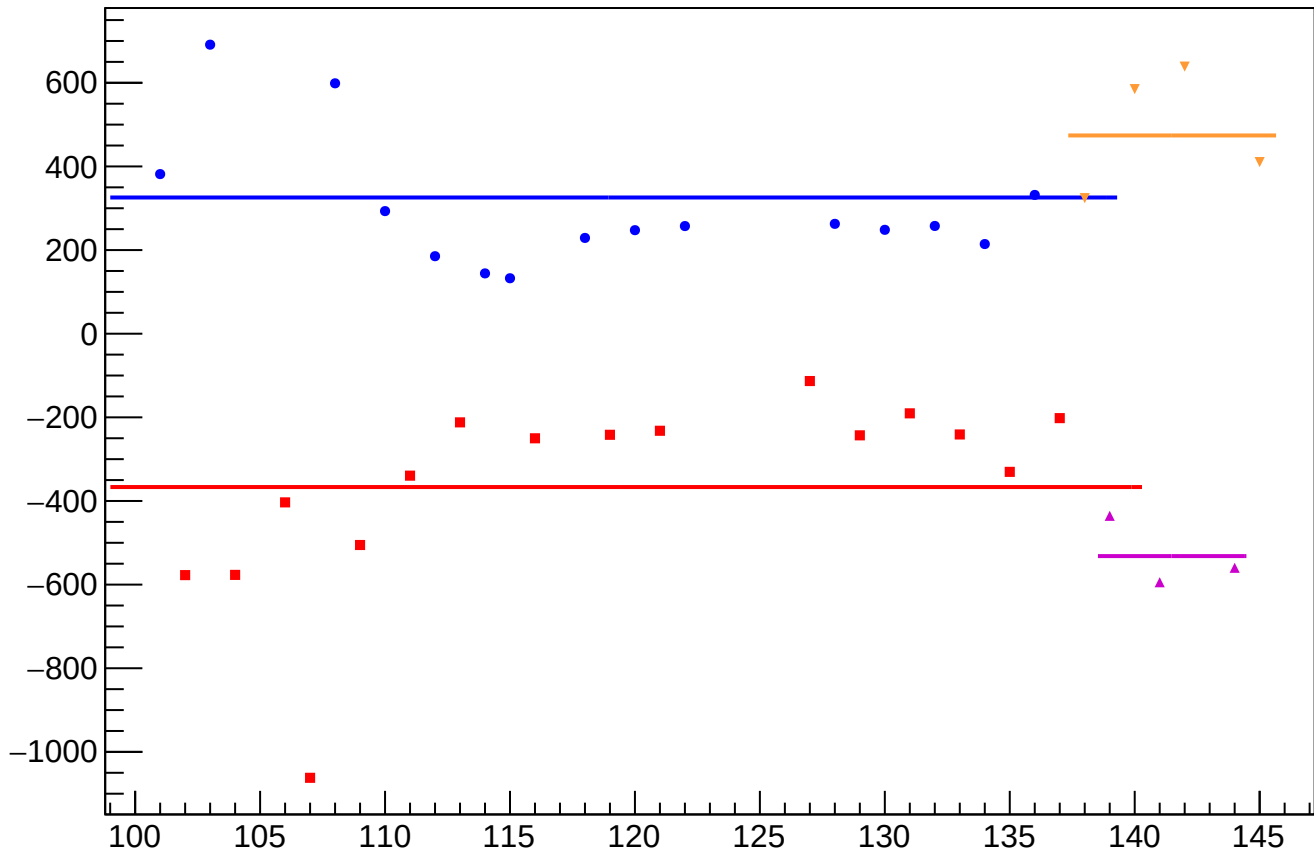
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_usl_coil4_mean vs Slug, Sign Corrected



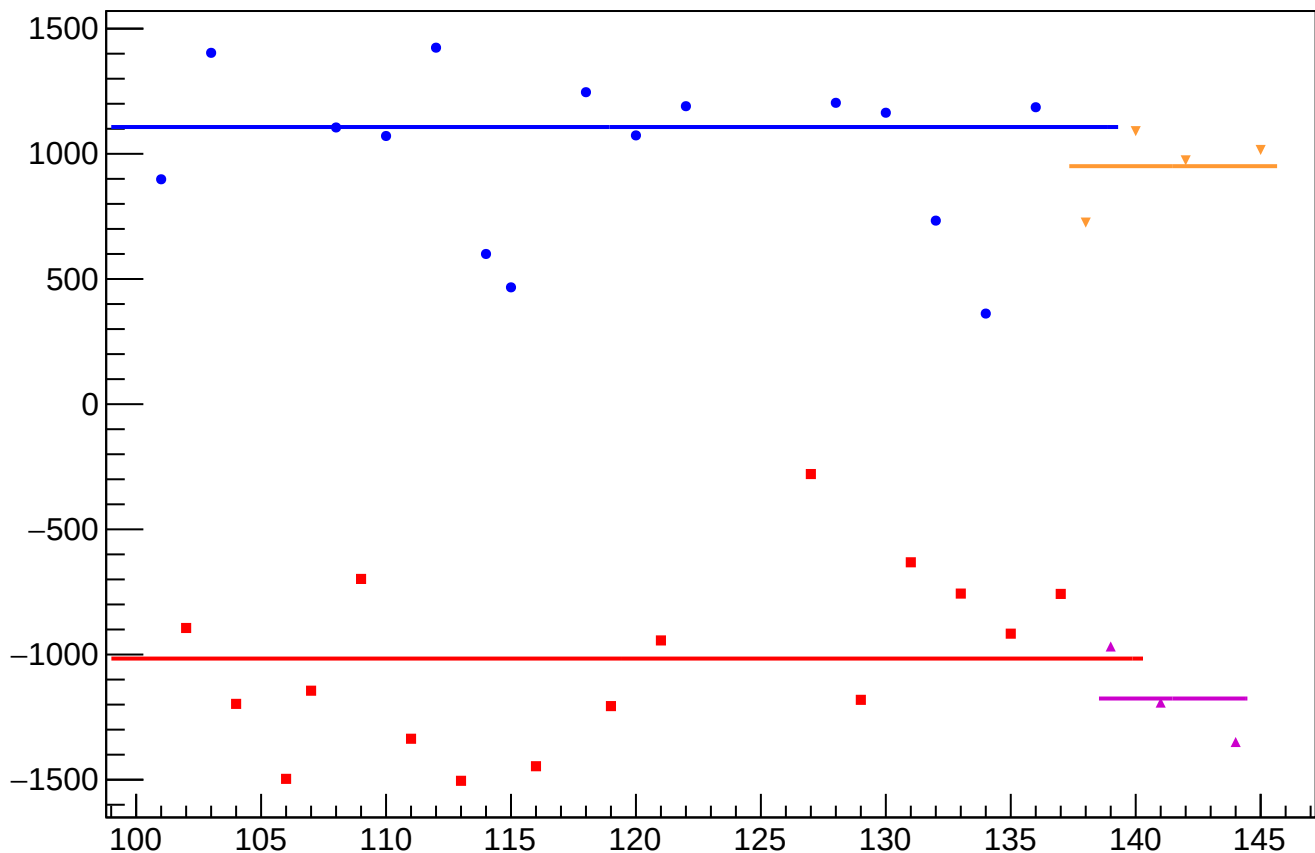
Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4986.012+/-0.000 χ^2/NDF : 604505922012543791951697476517153996800.0/3
 Right Out: -4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: -5939.948+/-0.000 χ^2/NDF : 429877806916469774514207727627588861952.0/2
 All: -242.430+/-0.000 χ^2/NDF : 46974235121

dit_usl_coil4_err_mean vs Slug, Sign Corrected



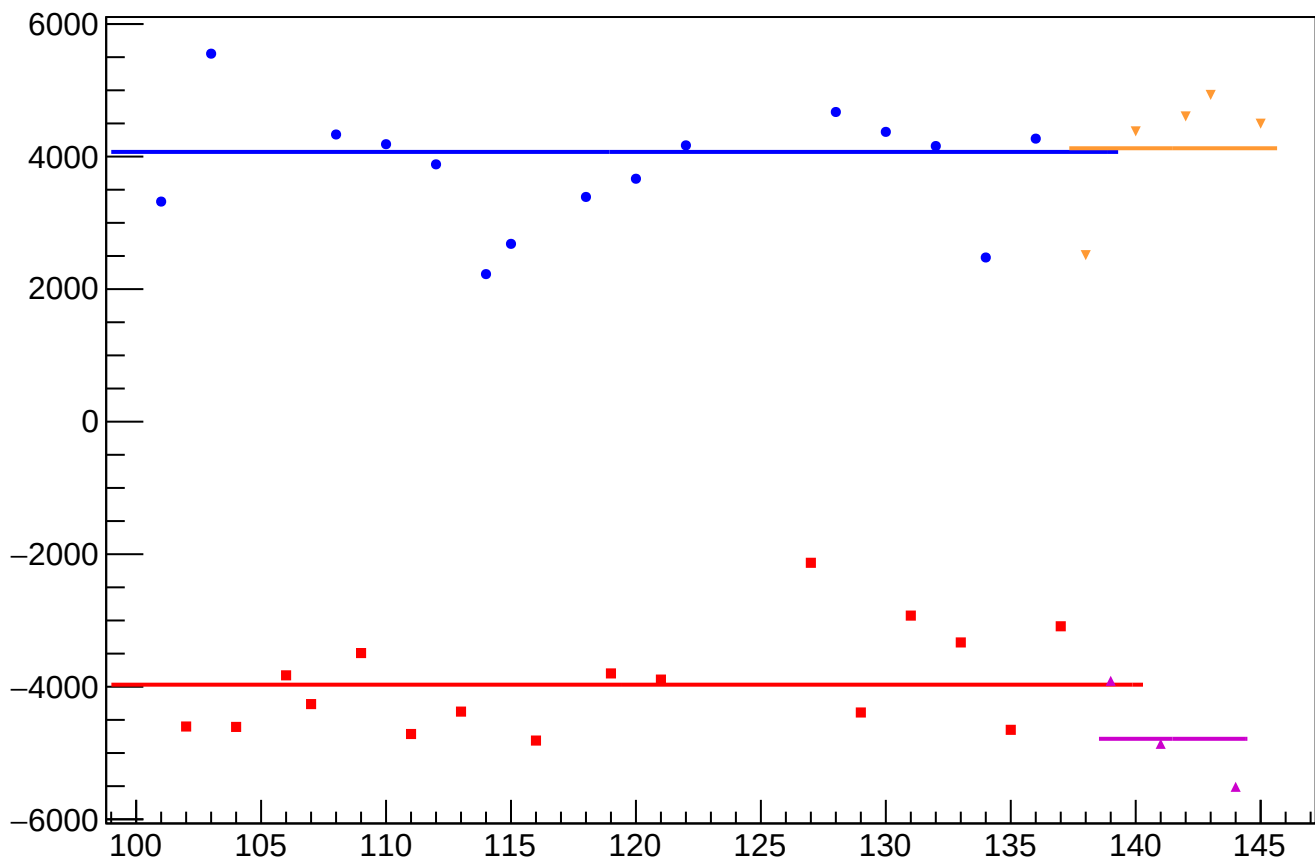
Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14
 Left Out: 474.082+/-0.000 χ^2/NDF : 4321625668288723162533383577146490880.0/3
 Right Out: -366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15
 Left In: -531.794+/-0.000 χ^2/NDF : 1153478679390820503376279511647649792.0/2
 All: -18.407+/-0.000 χ^2/NDF : 346064428257

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 950.662+/-0.000 χ^2/NDF : 5915793445589629137446524206756921344.0/3
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 5.888+/-0.000 χ^2/NDF : 22184483819032

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 4070.444+/-0.000

χ^2/NDF : 343281875282695739956383156295247593472.0/14

Left Out: 4125.565+/-0.000

χ^2/NDF : 273040758199399063765604575828236042240.0/4

Right Out: -3968.723+/-0.000

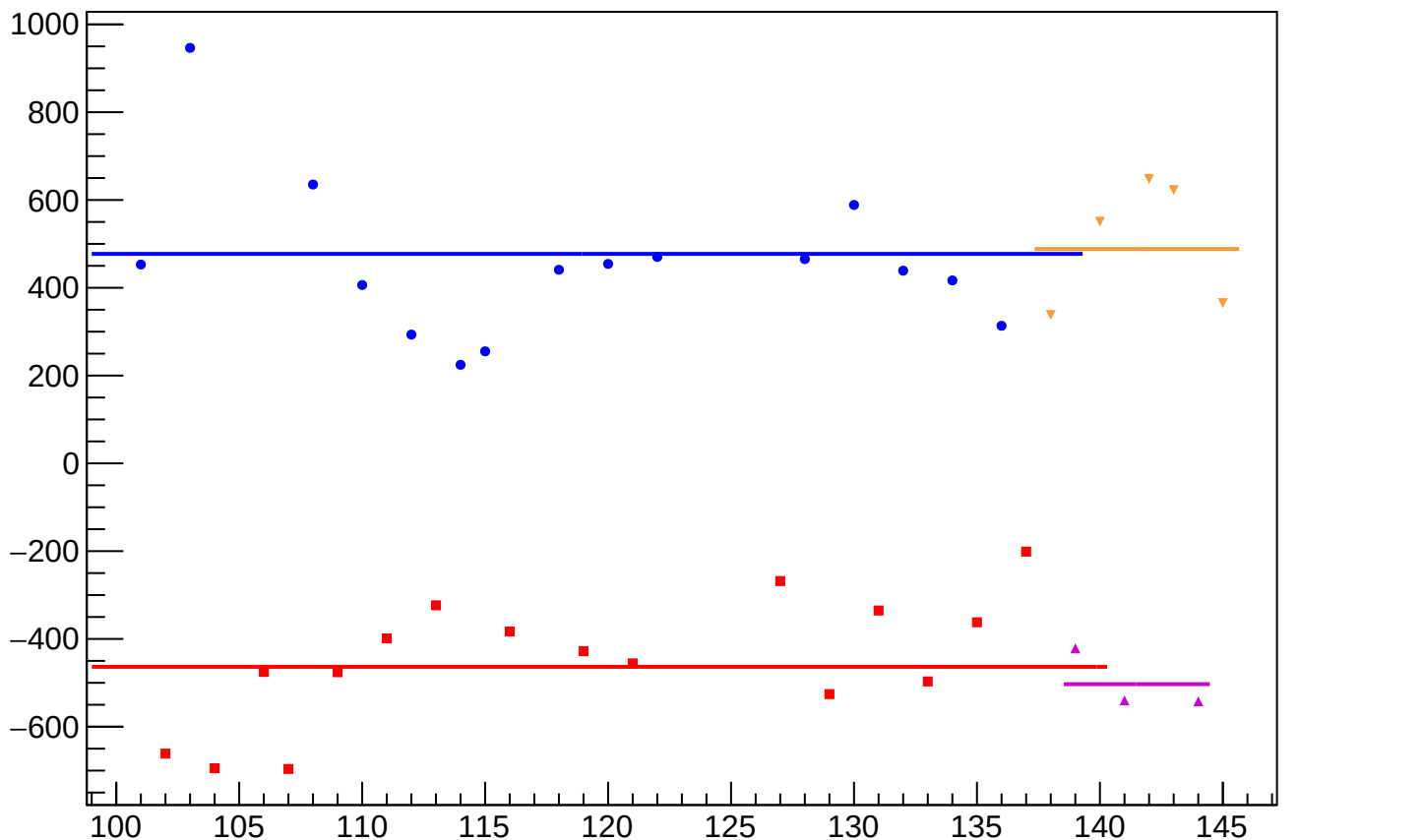
χ^2/NDF : 359955880326194784467353369492594884608.0/15

Left In: -4785.489+/-0.000

χ^2/NDF : 109193174056931500698019440044281954304.0/2

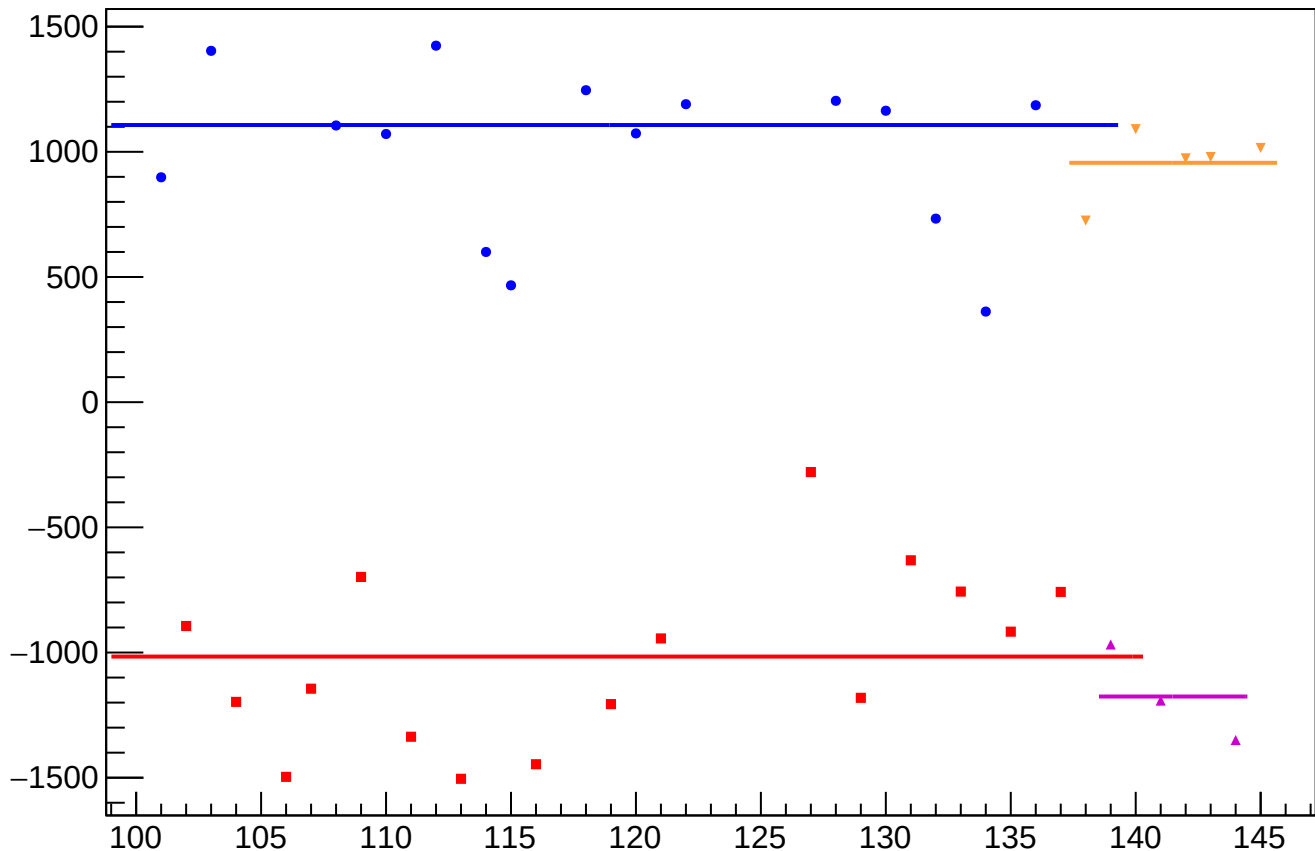
All: 115.689+/-0.000 χ^2/NDF : 341323187150

dit_usr_coil4_err_mean vs Slug, Sign Corrected



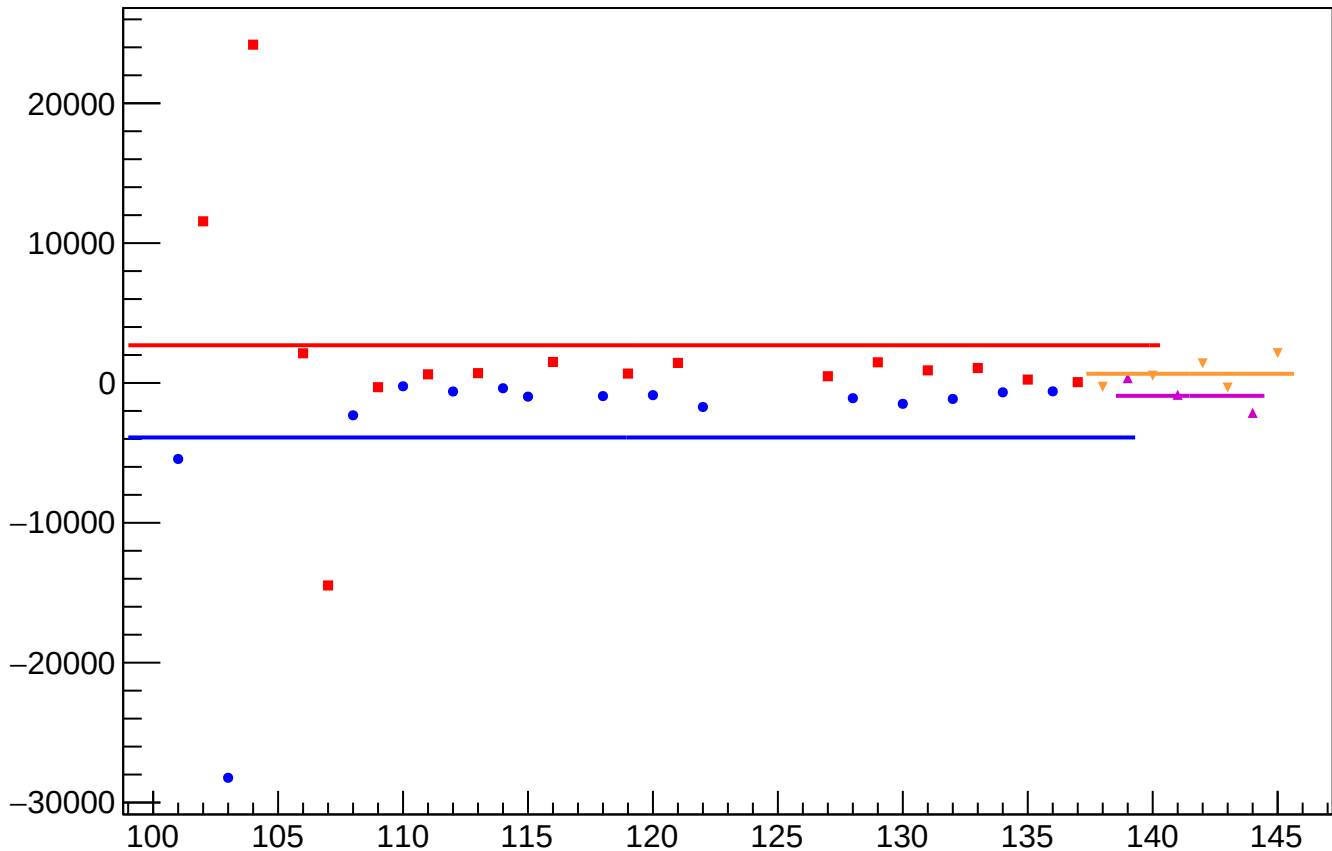
Right In: 477.186 $\pm$ 0.000 χ^2 /NDF: 20455719931758379978892605184974782464.0/14
 Left Out: 488.480 $\pm$ 0.000 χ^2 /NDF: 5639916895316832606280861386497064960.0/4
 Right Out: -463.513 $\pm$ 0.000 χ^2 /NDF: 12556777931069903370031832388184571904.0/15
 Left In: -503.048 $\pm$ 0.000 χ^2 /NDF: 790774209413394400607287288111562752.0/2
 All: 22.742 $\pm$ 0.000 χ^2 /NDF: 4778144940835

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: -3896.522+/-0.000

χ^2/NDF : 39618598516481020448248440670012984786944.0/14

Left Out: 656.331+/-0.000

χ^2/NDF : 329902843939908083559443280360017756160.0/4

Right Out: 2695.992+/-0.000

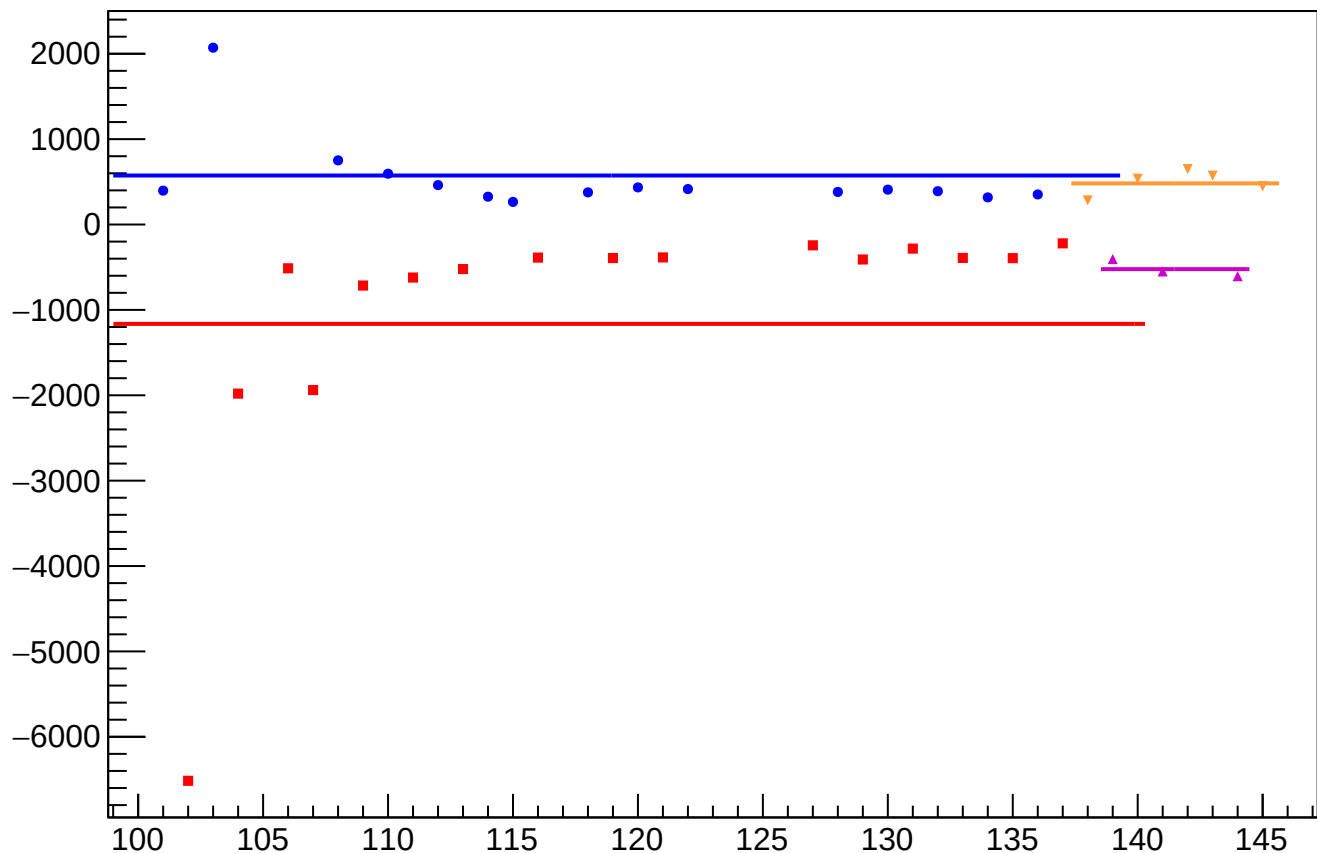
χ^2/NDF : 40822463071462352124212058386591729582080.0/15

Left In: -919.070+/-0.000

χ^2/NDF : 261816880347700428415294404360457420800.0/2

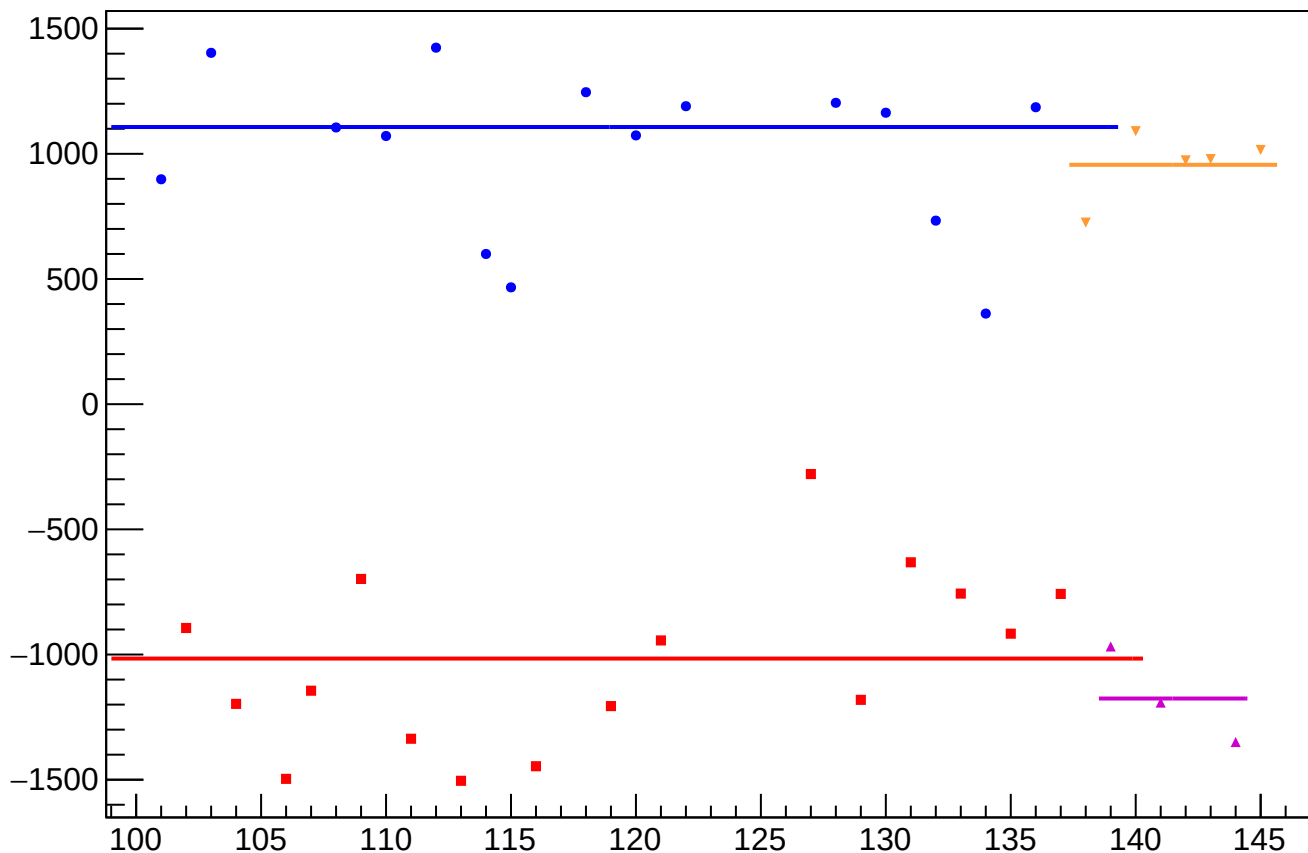
All: -382.210+/-0.000 χ^2/NDF : 95820300166

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



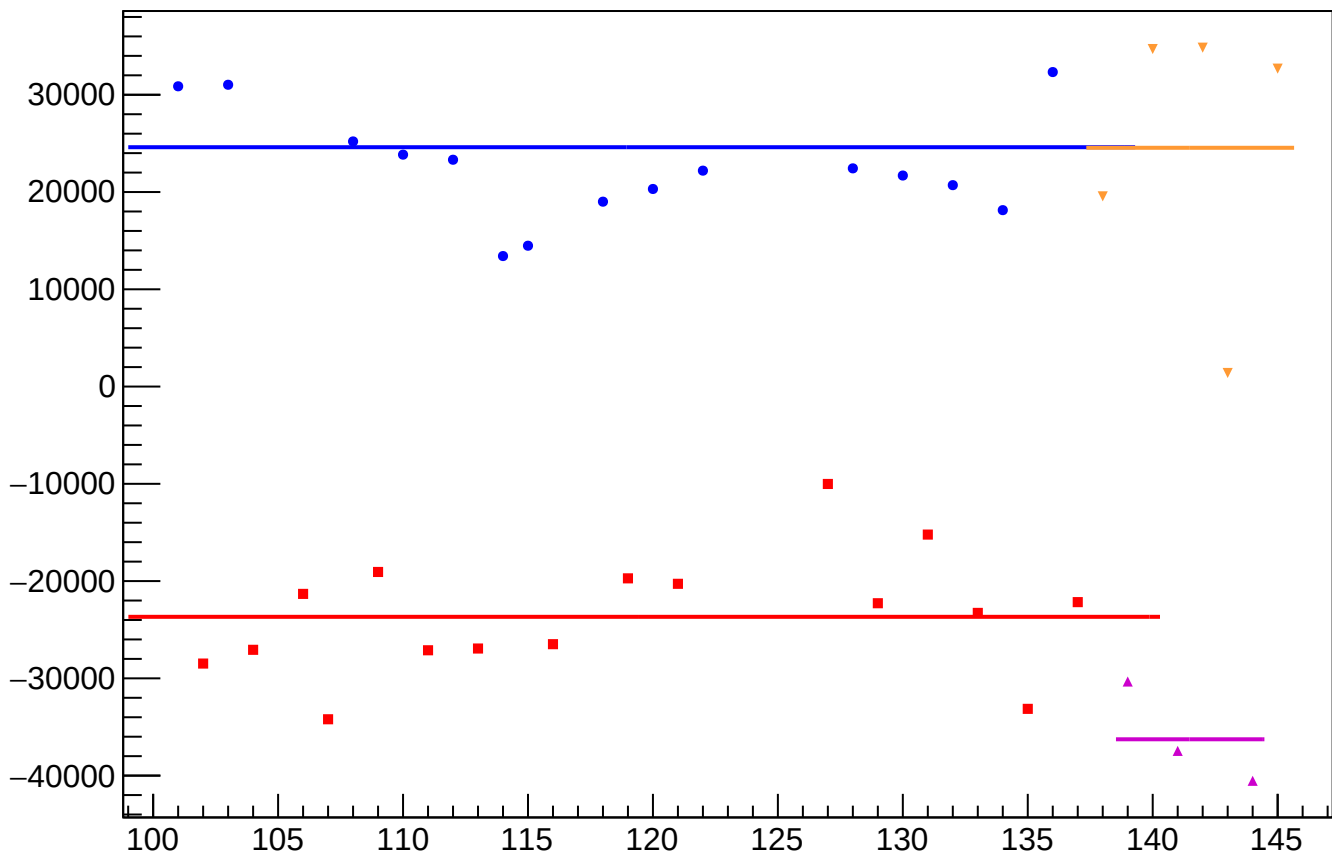
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 481.893+/-0.000 χ^2/NDF : 5258189940698557638507908252498395136.0/4
 Right Out: -1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: -522.544+/-0.000 χ^2/NDF : 1792268162519535498741258273387708416.0/2
 All: -191.326+/-0.000 χ^2/NDF : 33602480565

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 24608.761+/-0.000

χ^2/NDF : 17555600427140701787636759084167268925440.0/14

Left Out: 24549.464+/-0.000

χ^2/NDF : 56350681992983715338823799092544259751936.0/4

Right Out: -23673.937+/-0.000

χ^2/NDF : 24824229344827567313624871677295341862912.0/15

Left In: -36266.072+/-0.000

χ^2/NDF : 4600009610487101673904058810430033756160.0/2

Left: -1041.232+/-0.000 χ^2/NDF : 60721616790717

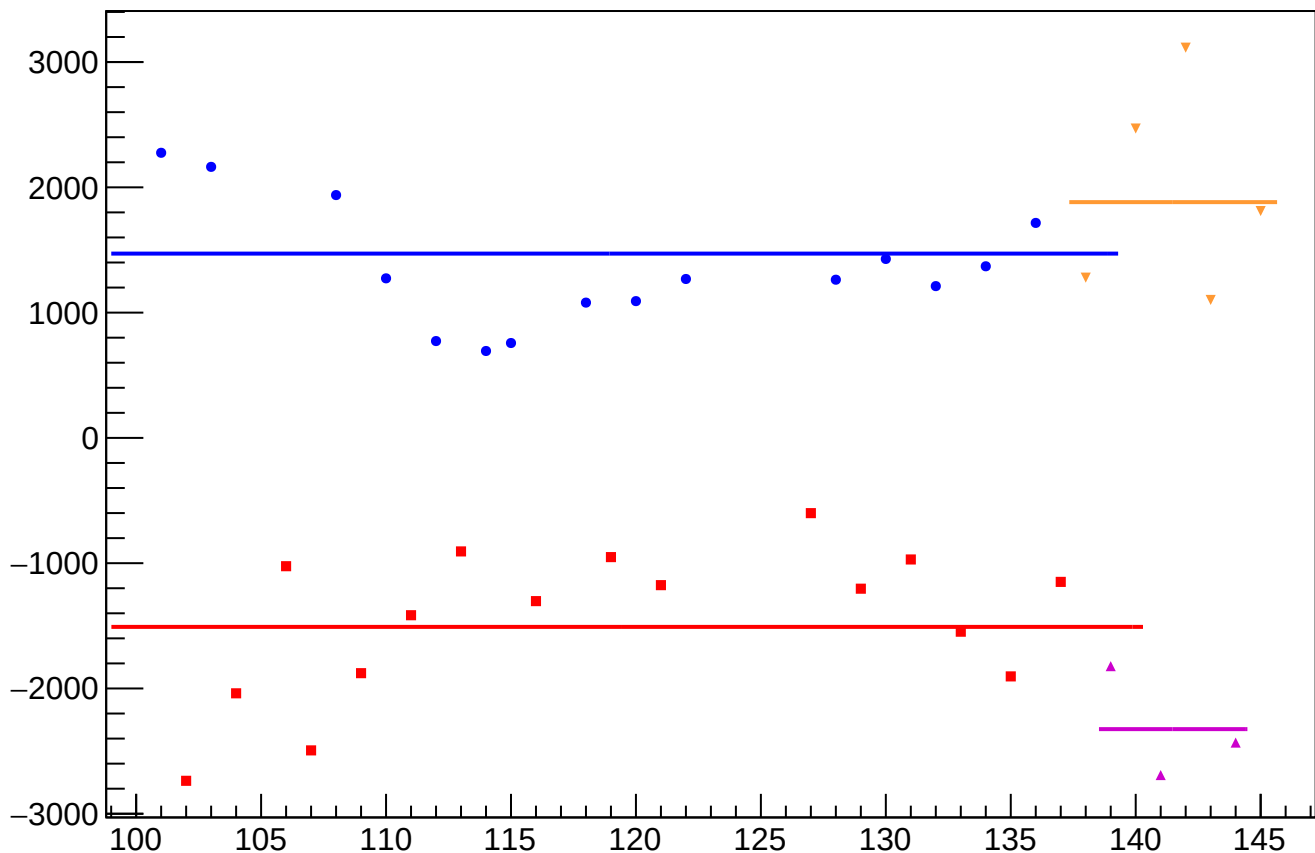
Right: 137.211+/-0.000 χ^2/NDF : 809207355903527

In: 7437.209+/-0.000 χ^2/NDF : 7005652452668095

Out: -7046.811+/-0.000 χ^2/NDF : 61598654779871

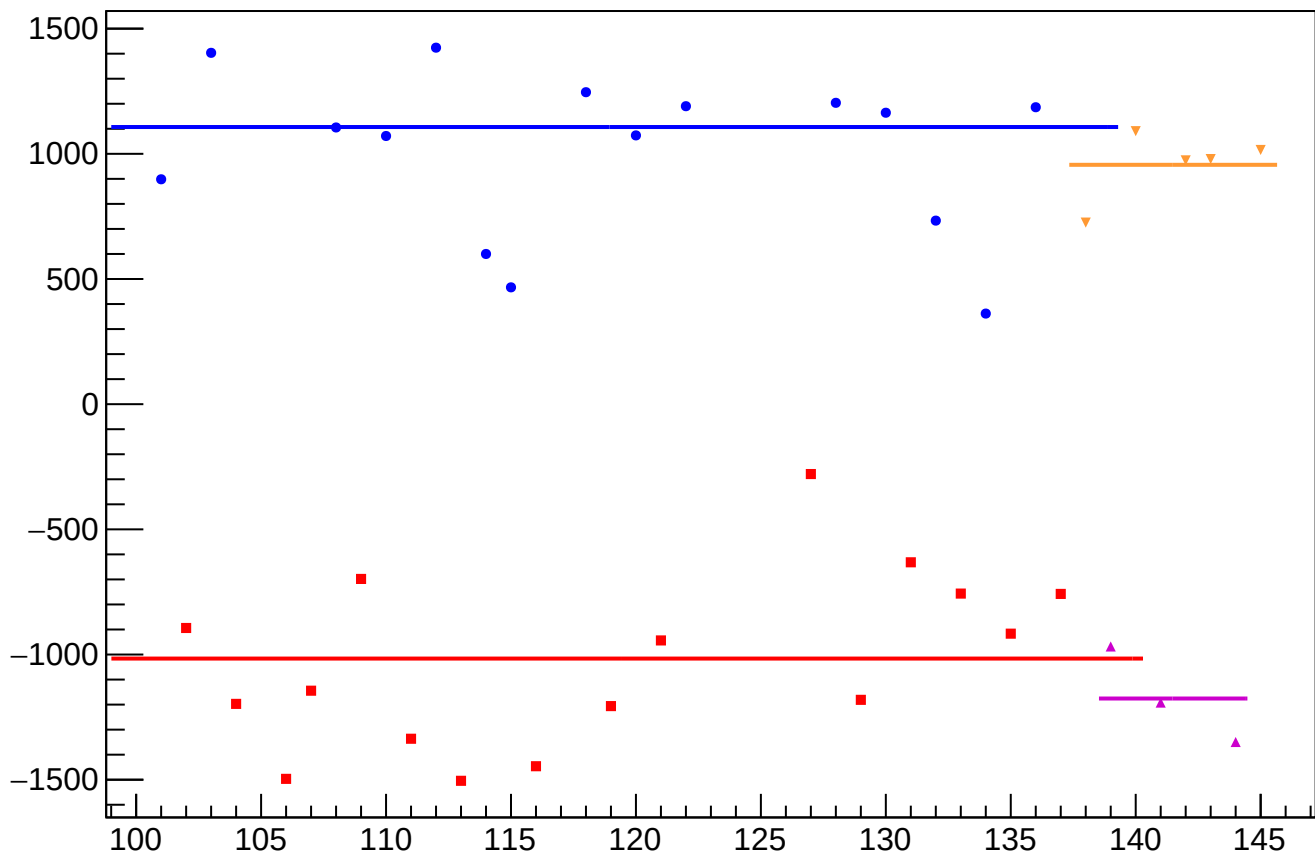
All: -234.348+/-0.000 χ^2/NDF : 14169997488

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



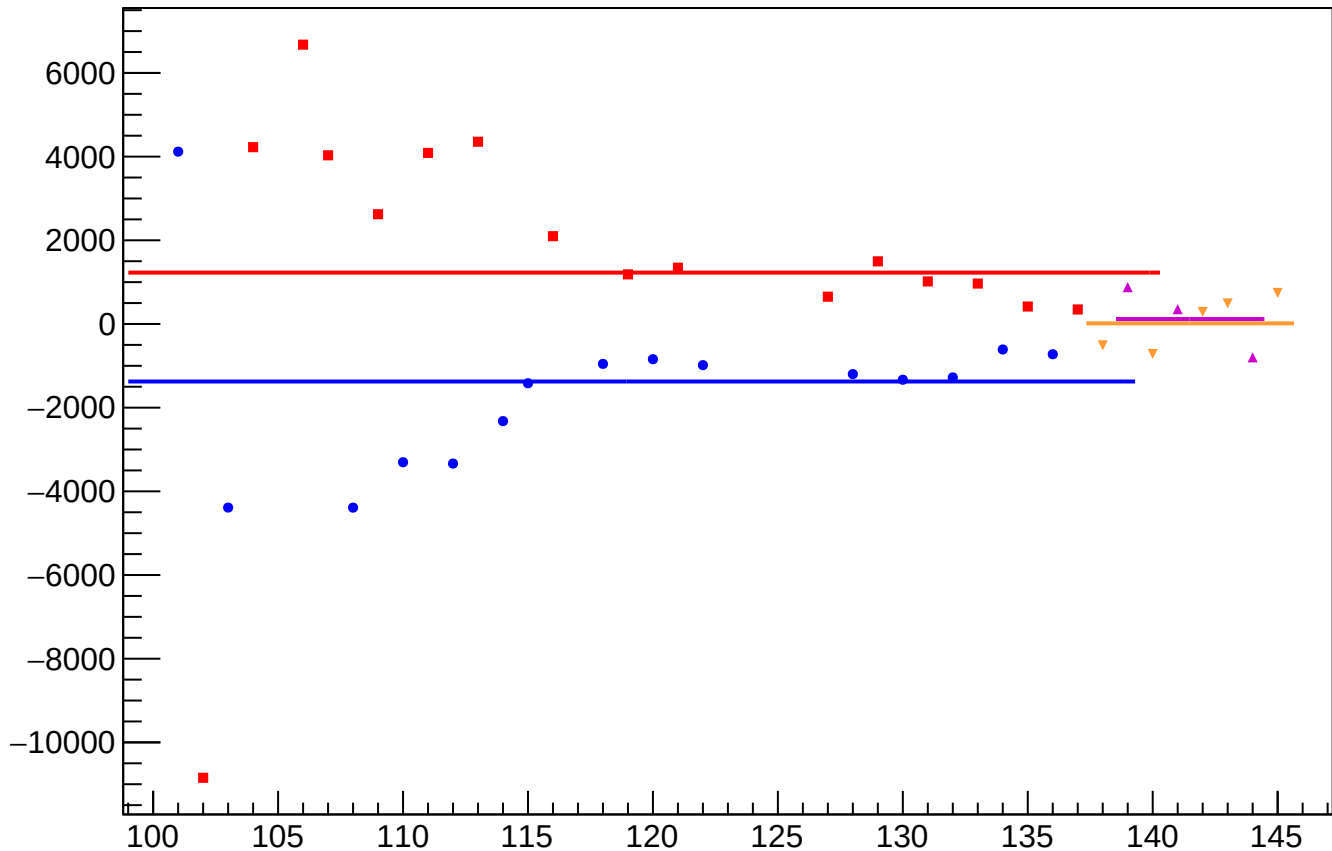
Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 1881.939+/-0.000 χ^2/NDF : 167793987019933943853077882138563444736.0/4
 Right Out: -1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: -2324.525+/-0.000 χ^2/NDF : 32917930173579015687841351654812155904.0/2
 All: 8.538+/-0.000 χ^2/NDF : 61330588810614

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



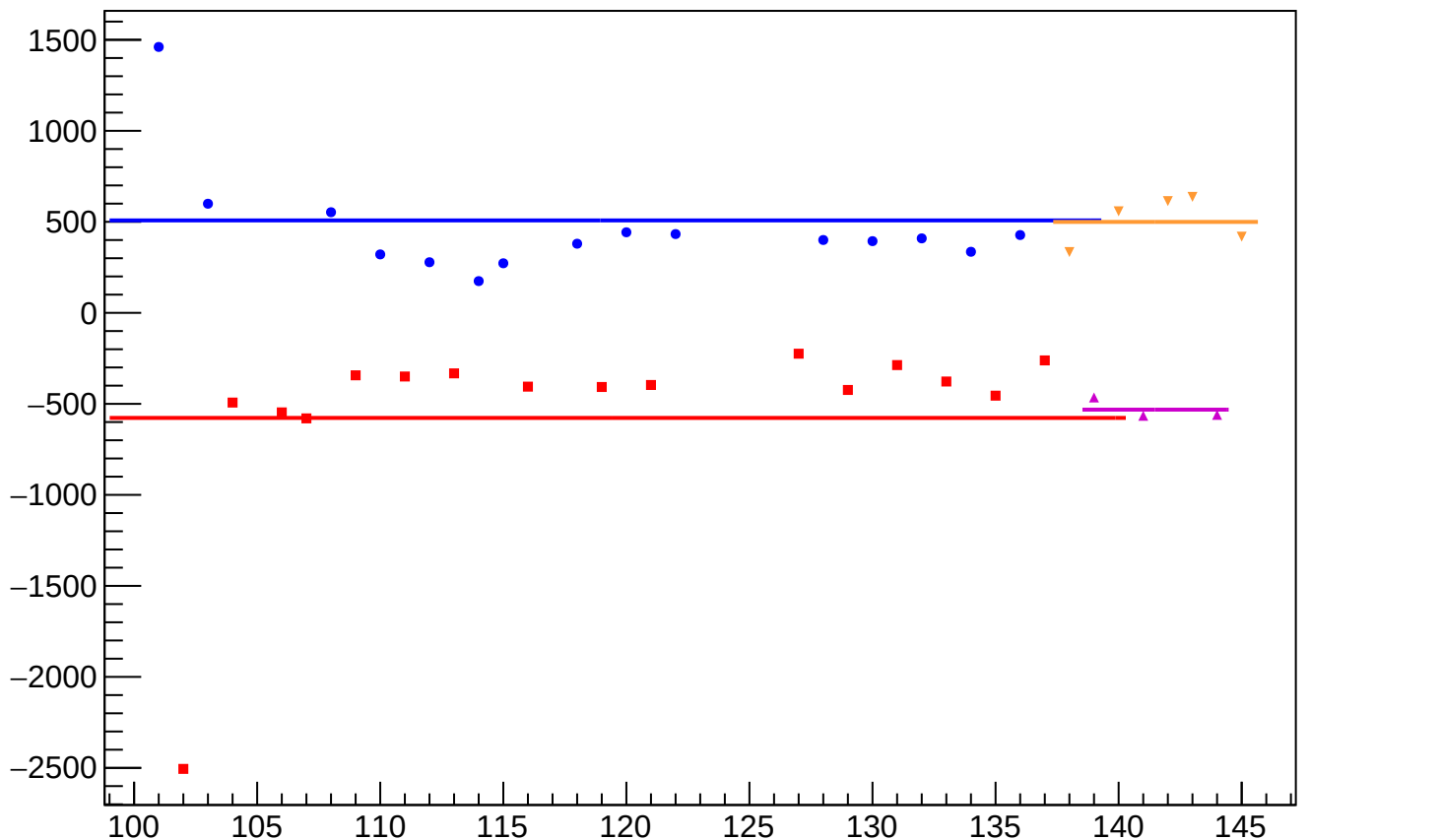
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_atr1_coil4_mean vs Slug, Sign Corrected



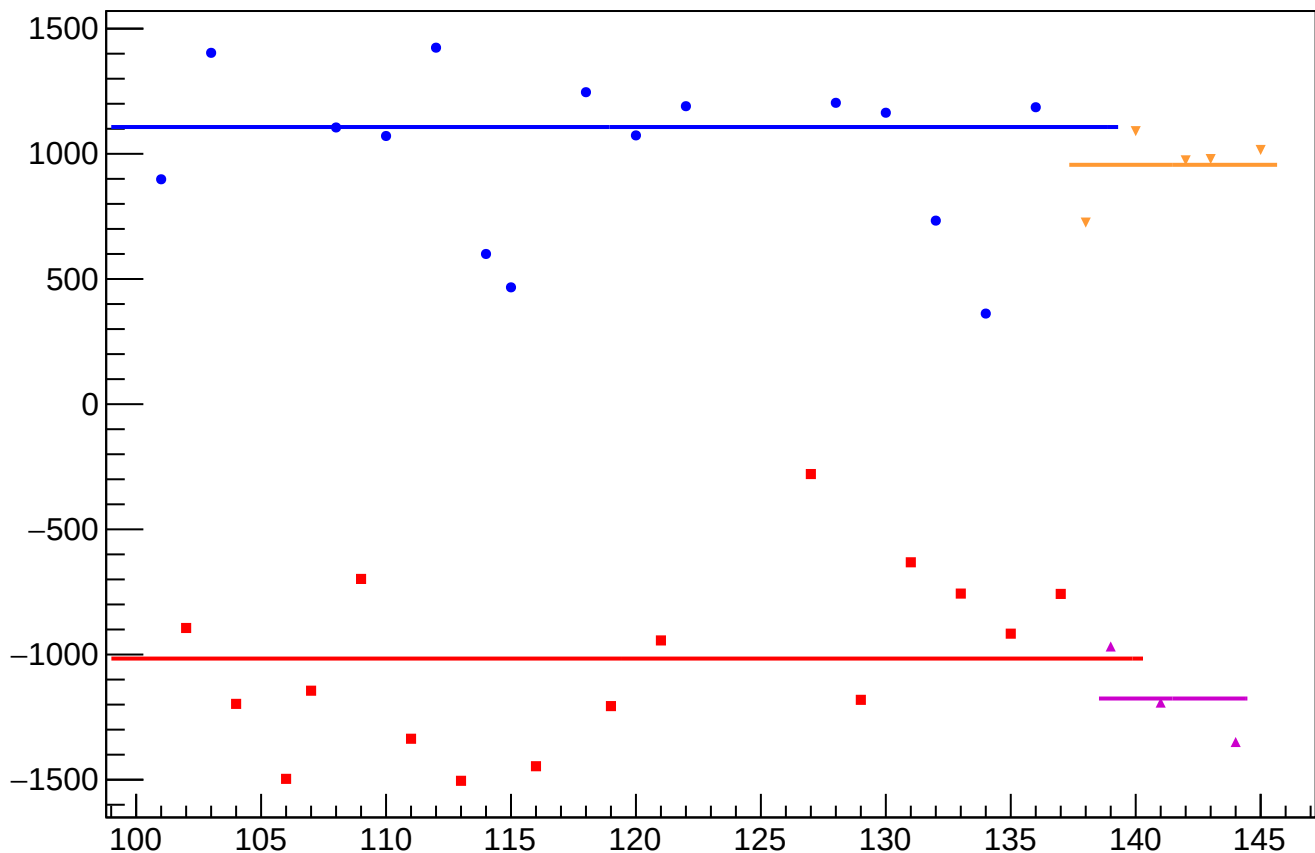
Left: 58.974+/-0.000 χ^2/NDF : 25328117243514070
 Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14
 Right: -55.518+/-0.000 χ^2/NDF : 164158010761557
 Left Out: 15.185+/-0.000 χ^2/NDF : 125444547071332998745192701559308288000.0/4
 In: -953.151+/-0.000 χ^2/NDF : 3607499400613342
 Right Out: 1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15
 Out: 809.750+/-0.000 χ^2/NDF : 1157896878064434
 Left In: 119.249+/-0.000 χ^2/NDF : 126237132955136676975678296314993442816.0/2
 All: -19.419+/-0.000 χ^2/NDF : 166745213407

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



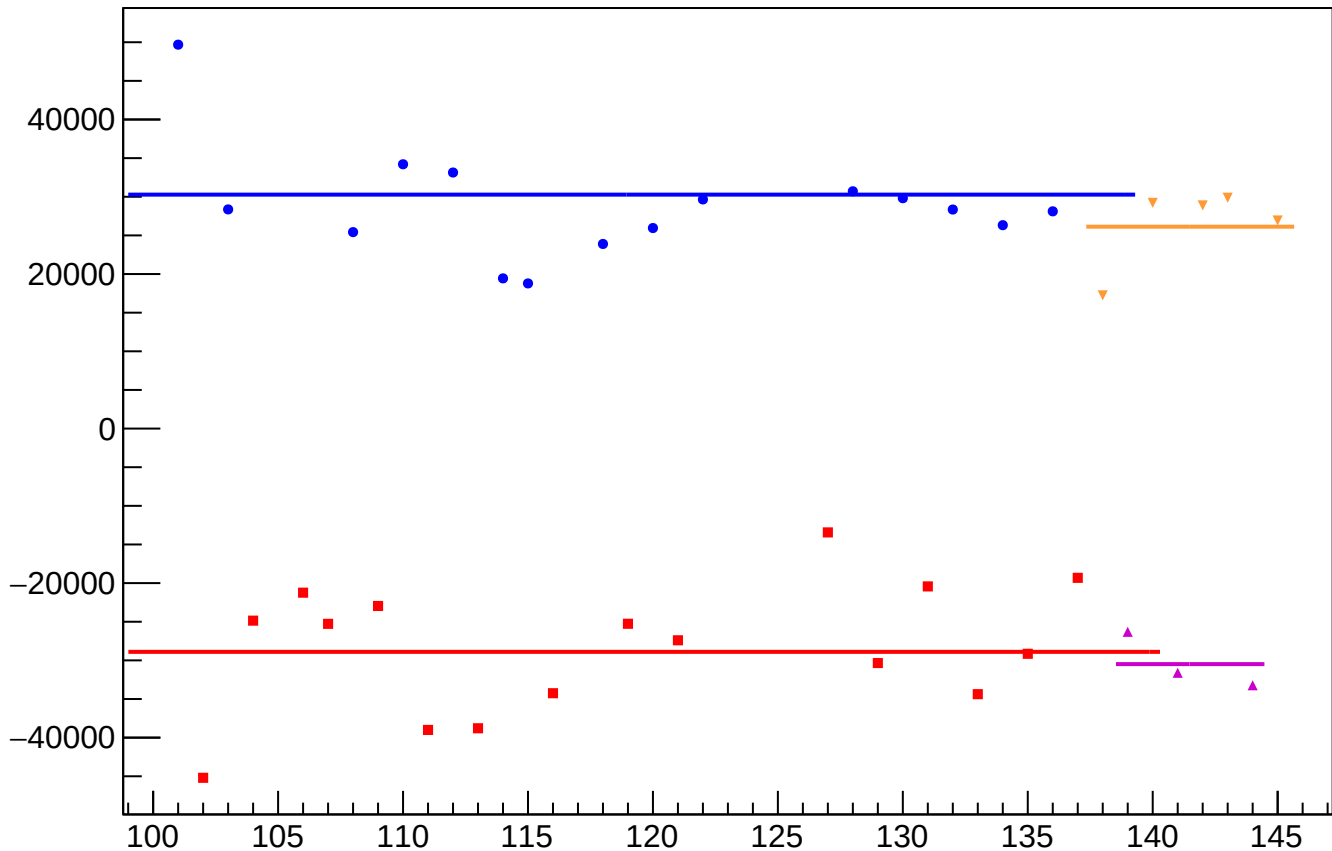
Right In: 507.809 $\pm$ 0.000 χ^2 /NDF: 64139927968444054596859613468220719104.0/14
 Left Out: 499.586 $\pm$ 0.000 χ^2 /NDF: 4797528500158815989621325079091609600.0/4
 Right Out: -577.250 $\pm$ 0.000 χ^2 /NDF: 241288780642623391683958641535574081536.0/15
 Left In: -531.794 $\pm$ 0.000 χ^2 /NDF: 532755892311196746098491442927239168.0/2
 All: -8.174 $\pm$ 0.000 χ^2 /NDF: 8599649246767

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 59.056+/-0.000 χ^2/NDF : 68337623658969403
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 30277.649+/-0.000

χ^2/NDF : 30975974641524142453090022540760519278592.0/14

Left Out: 26128.006+/-0.000

χ^2/NDF : 8279789691684635565882180209534740463616.0/4

Right Out: -28896.318+/-0.000

χ^2/NDF : 46969504058010359146250560228409714147328.0/15

Left In: -30483.917+/-0.000

χ^2/NDF : 2188945120645167538704942243176473690112.0/2

Left: 2306.157+/-0.000 χ^2/NDF : 483827559794453

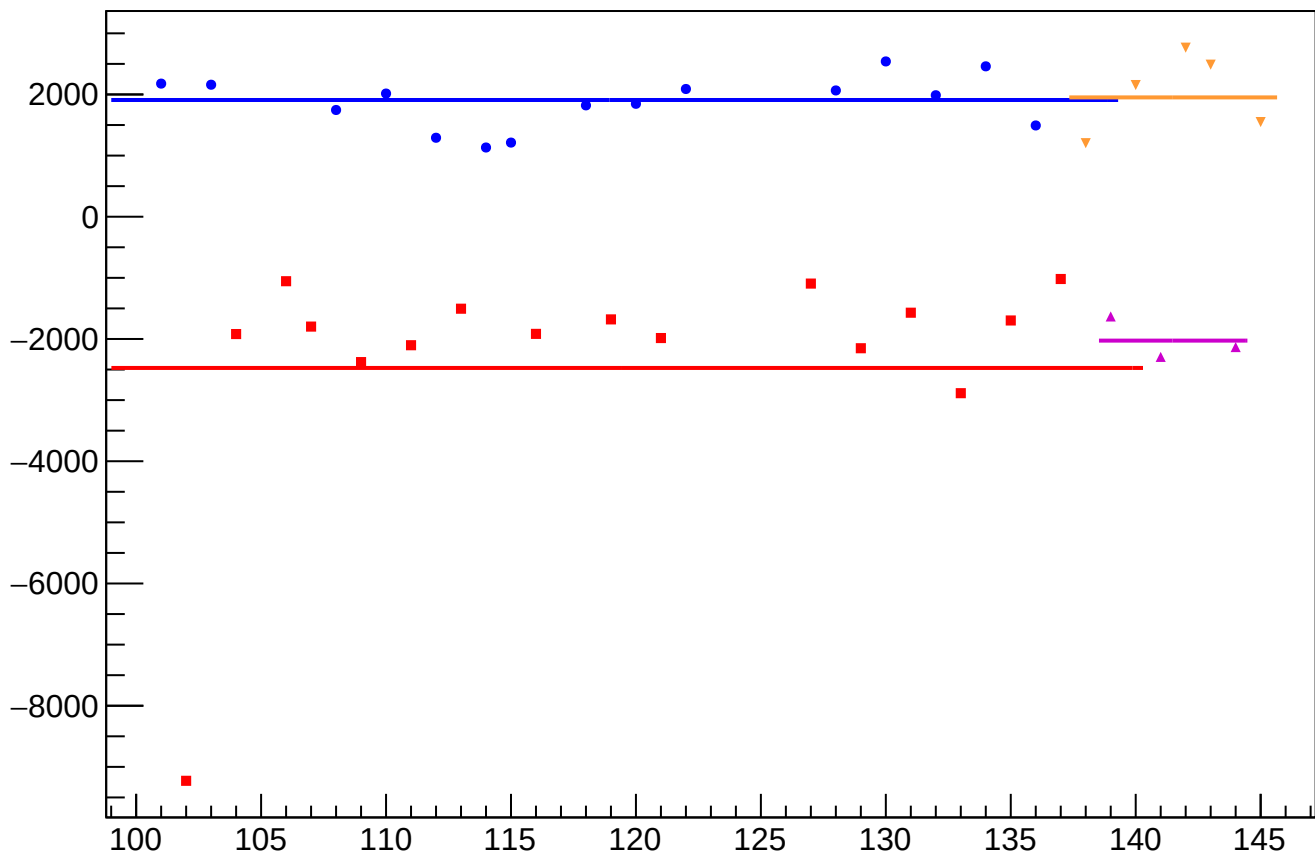
Right: 285.980+/-0.000 χ^2/NDF : 122974265906167

In: 13138.048+/-0.000 χ^2/NDF : 709052332463990

Out: -9924.277+/-0.000 χ^2/NDF : 75154641418452

All: 922.935+/-0.000 χ^2/NDF : 17152635968

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1909.434+/-0.000

χ^2/NDF : 87636974094211671524177650165869445120.0/14

Left Out: 1951.811+/-0.000

χ^2/NDF : 109463294688661661994521724162316173312.0/4

Right Out: -2473.977+/-0.000

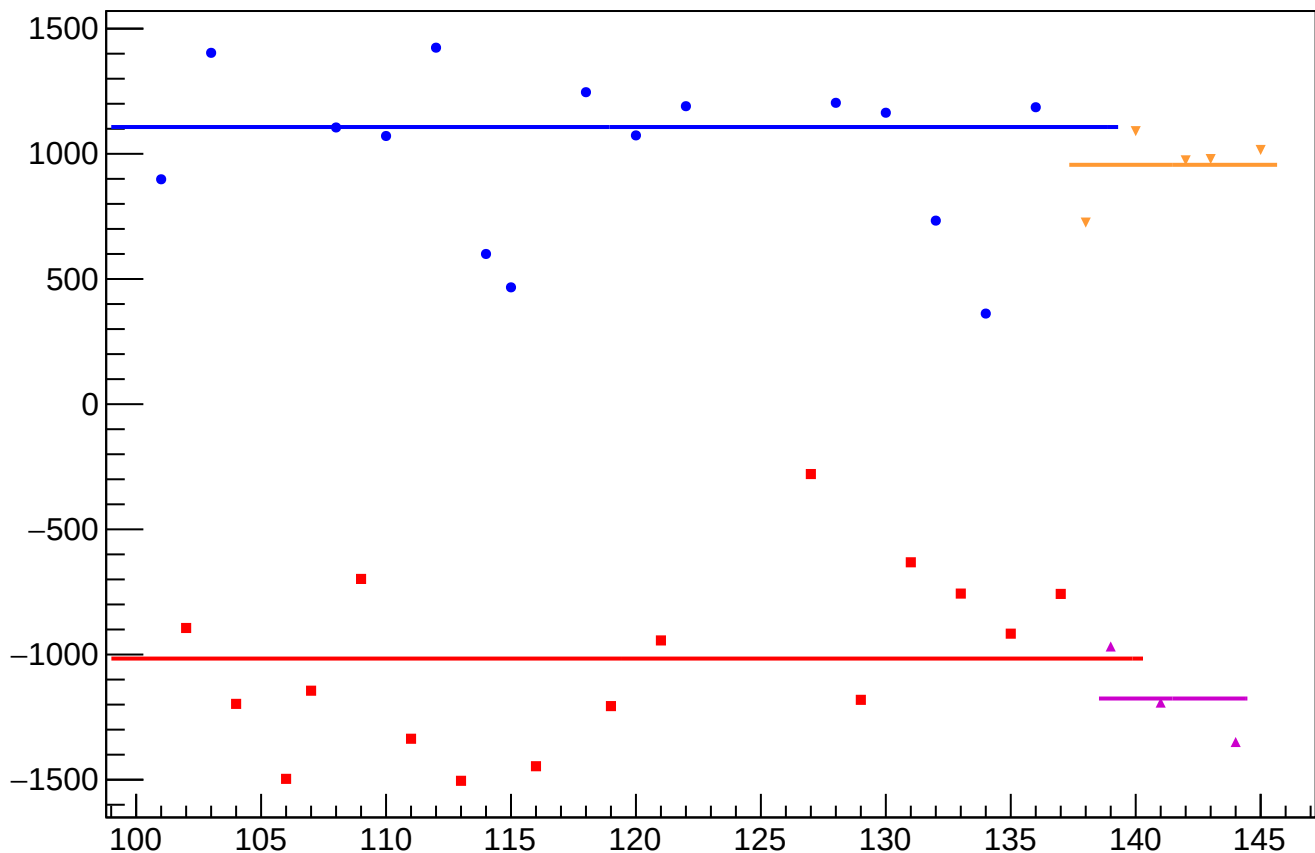
χ^2/NDF : 3033908025746418121738753286600386412544.0/15

Left In: -2026.815+/-0.000

χ^2/NDF : 19665457135449570160015997798491095040.0/2

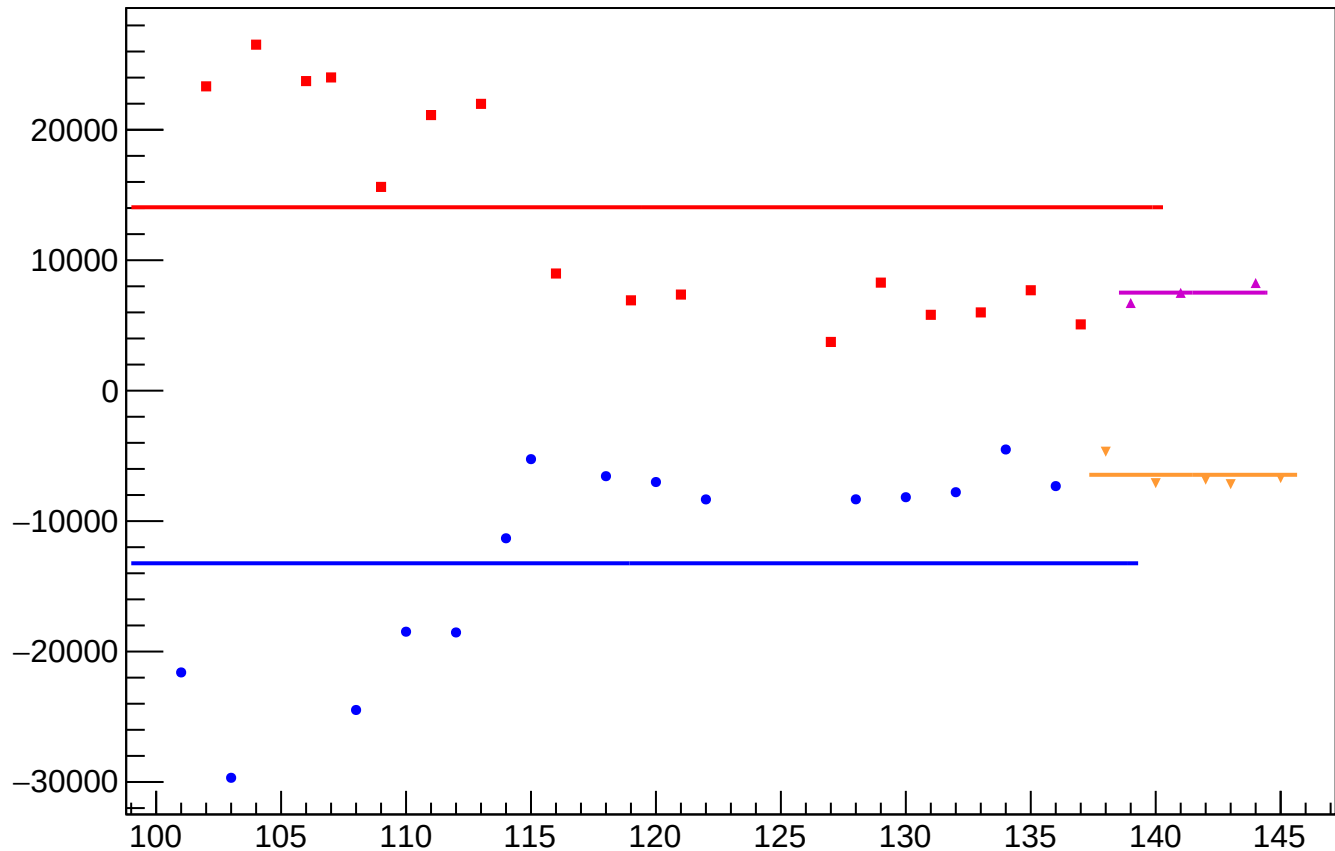
All: -126.260+/-0.000 χ^2/NDF : 12053355490

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



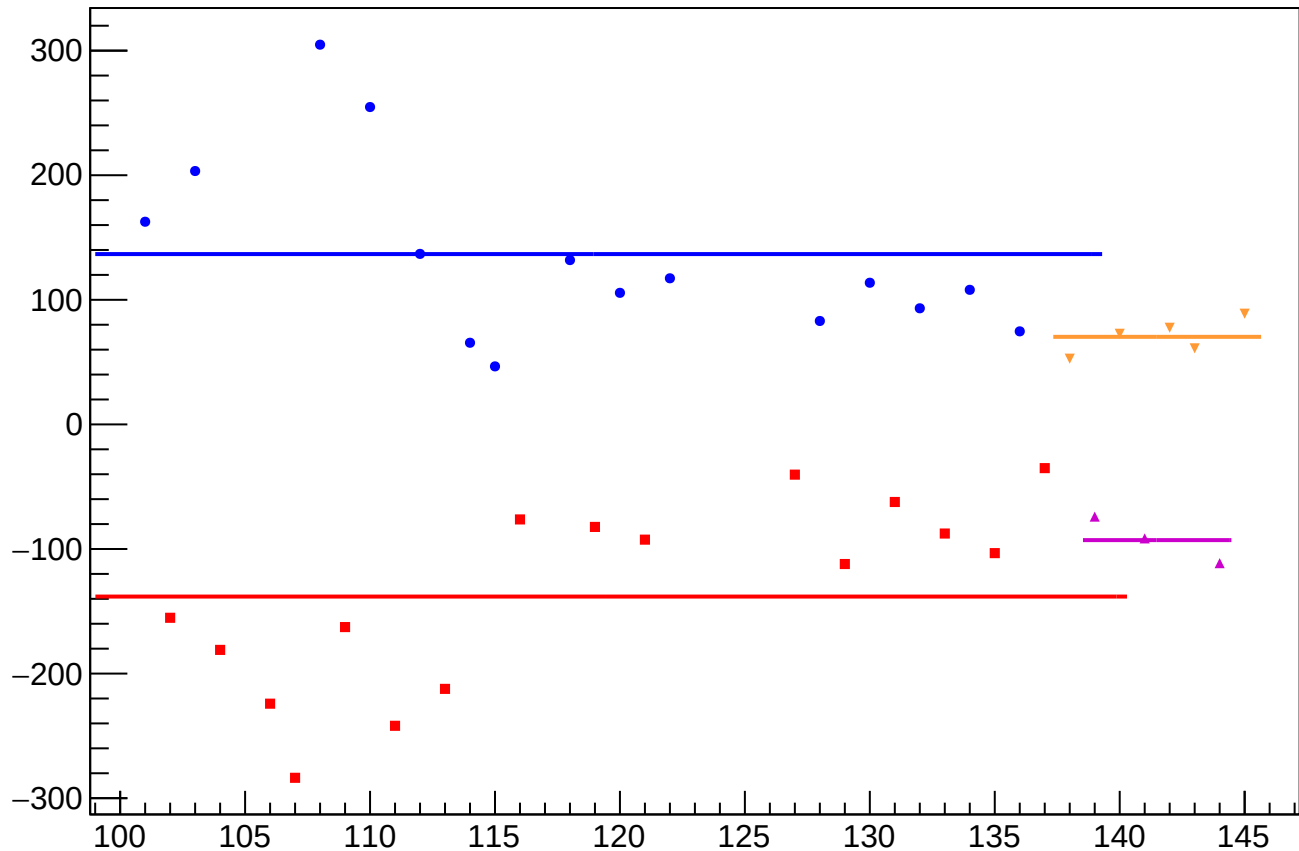
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -6450.277+/-0.000 χ^2/NDF : 324711889517412569308483237700729569280.0/4
 Right Out: 14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: 7515.300+/-0.000 χ^2/NDF : 99516566911366019498559384347062829056.0/2
 All: 229.963+/-0.000 χ^2/NDF : 36058735869

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 136.711 +/- 0.000

χ^2/NDF : 2687065030885227126291764267456659456.0/14

Left Out: 70.287 +/- 0.000

χ^2/NDF : 59550678040164211885889881519423488.0/4

Right Out: -138.179 +/- 0.000

χ^2/NDF : 3230883352878636334641613561898467328.0/15

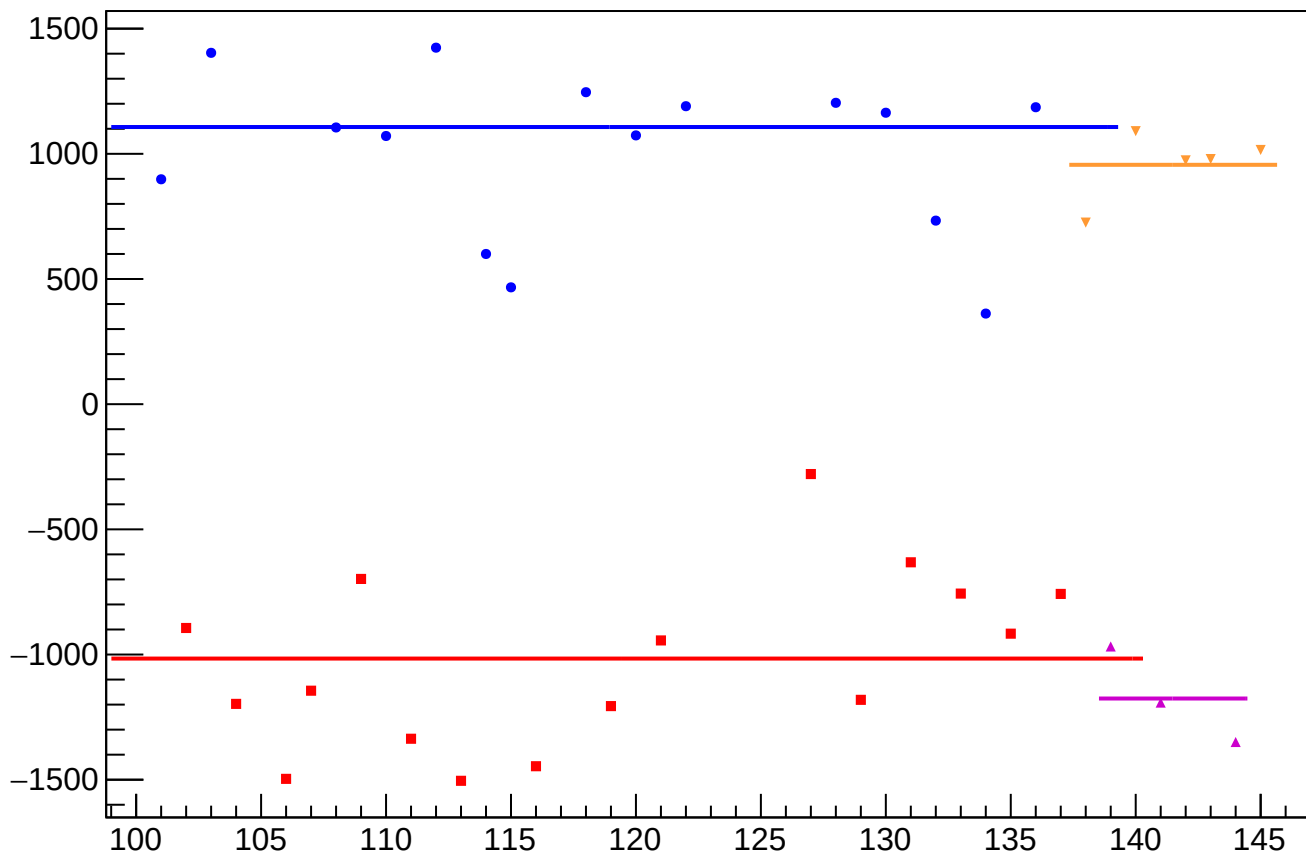
Left In: -92.871 +/- 0.000

χ^2/NDF : 59446777055260507403058878615650304.0/2

All: -1.276 +/- 0.000

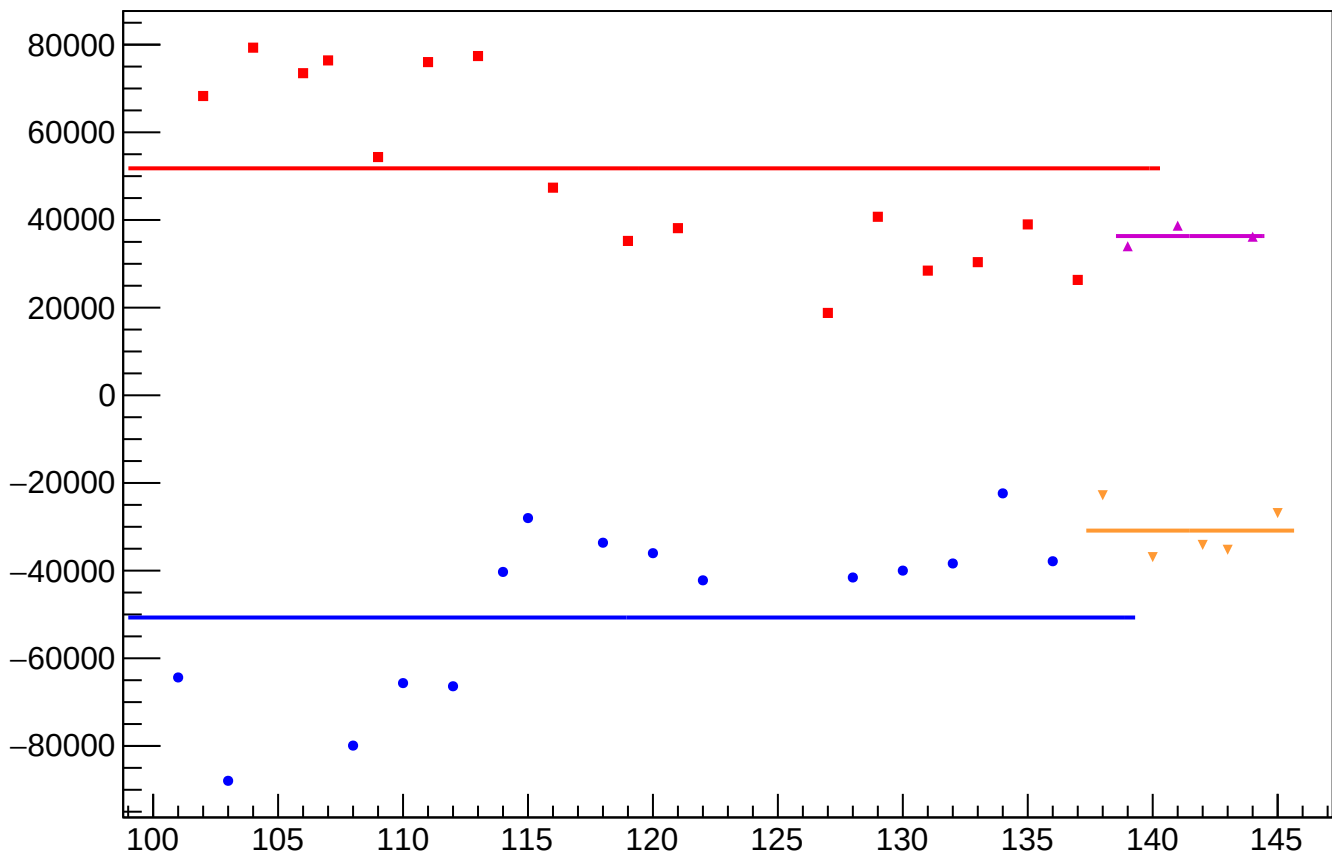
χ^2/NDF : 3483228618021

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 59.056+/-0.000 χ^2/NDF : 68337623658969403
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 In: 463.138+/-0.000 χ^2/NDF : 10007975321543678
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -336.105+/-0.000 χ^2/NDF : 973039024272305
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424+/-0.000

Left Out: -30865.616+/-0.000

Right Out: 51783.912+/-0.000

Left In: 36333.615+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

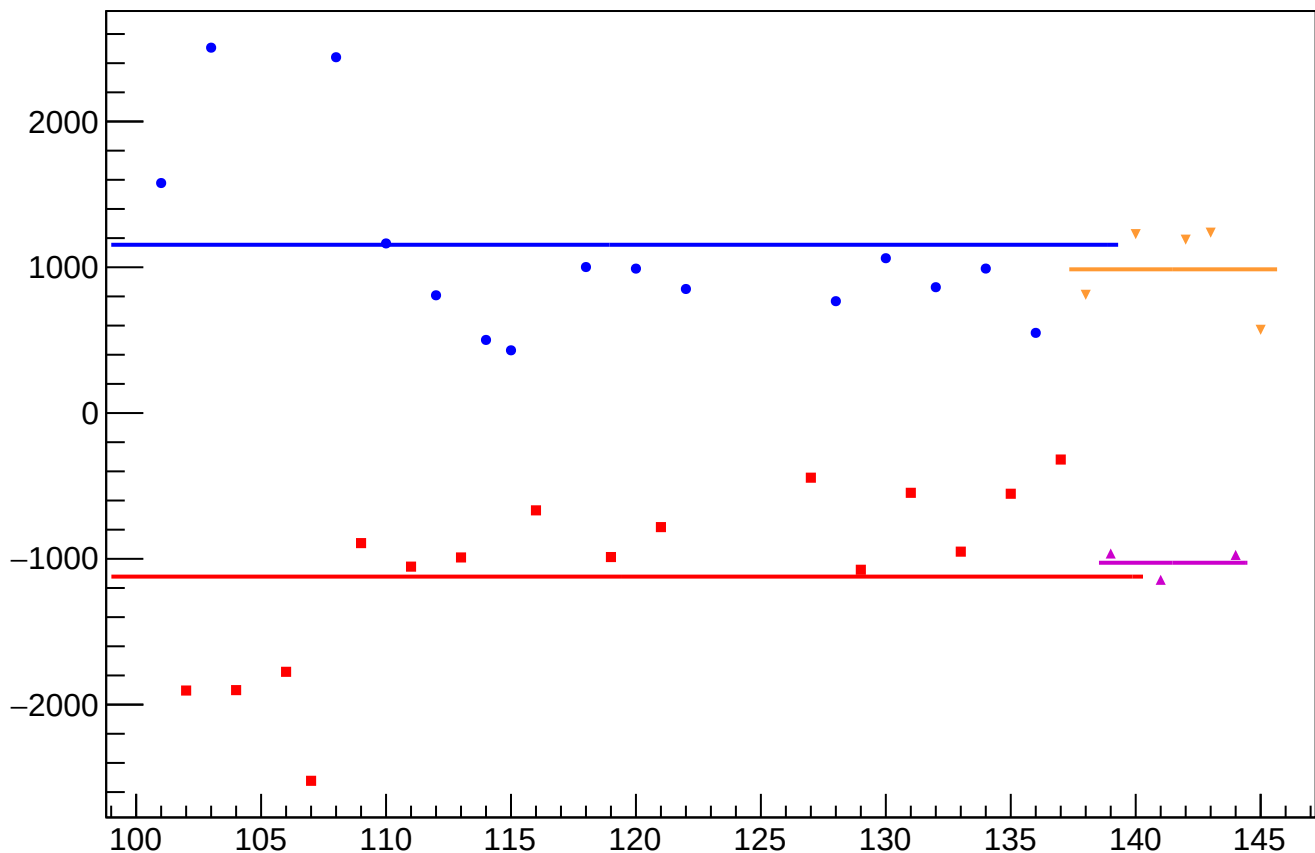
χ^2/NDF : 11094597182070518254318874638188843892736.0/4

χ^2/NDF : 281789617729131996271154198472617478848512.0/15

χ^2/NDF : 915103839794556259754935447715756113920.0/2

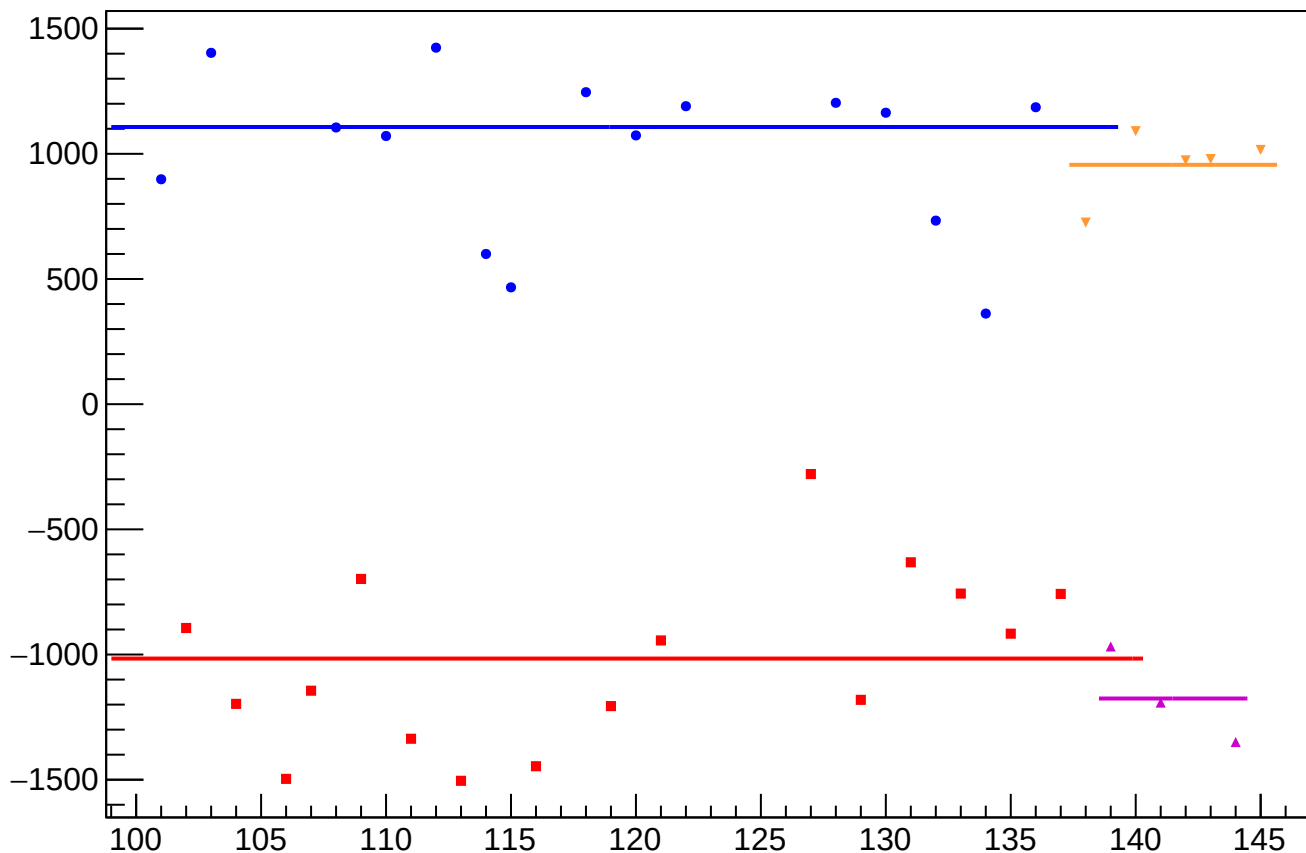
All: 36.306+/-0.000 χ^2/NDF : 4647993253823

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



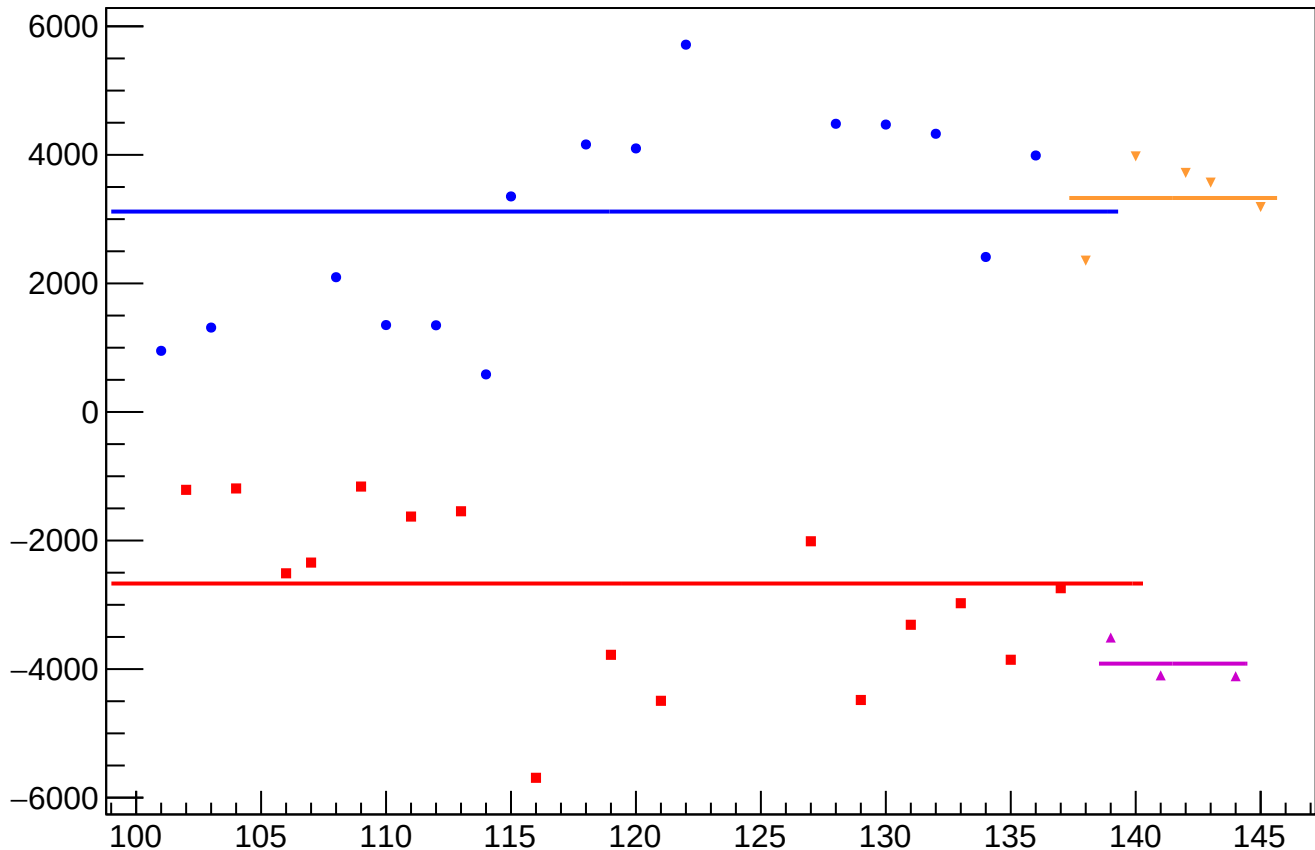
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14
 Left Out: 985.922+/-0.000 χ^2/NDF : 26718867850656287217664043145161080832.0/4
 Right Out: -1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Left In: -1026.921+/-0.000 χ^2/NDF : 1743471741926551701030867976442609664.0/2
 All: 44.237+/-0.000 χ^2/NDF : 2814588990851

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 956.091 $\pm$ 0.000 χ^2 /NDF: 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1175.686 $\pm$ 0.000 χ^2 /NDF: 6206619771609003879292638606747762688.0/2
 All: 39.814 $\pm$ 0.000 χ^2 /NDF: 2279695316274

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3117.914 $\pm$ 0.000

χ^2/NDF : 1552738593335565674554918493159210090496.0/14

Left Out: 3329.048 $\pm$ 0.000

χ^2/NDF : 120835827869444044189226710079098585088.0/4

Right Out: -2668.794 $\pm$ 0.000

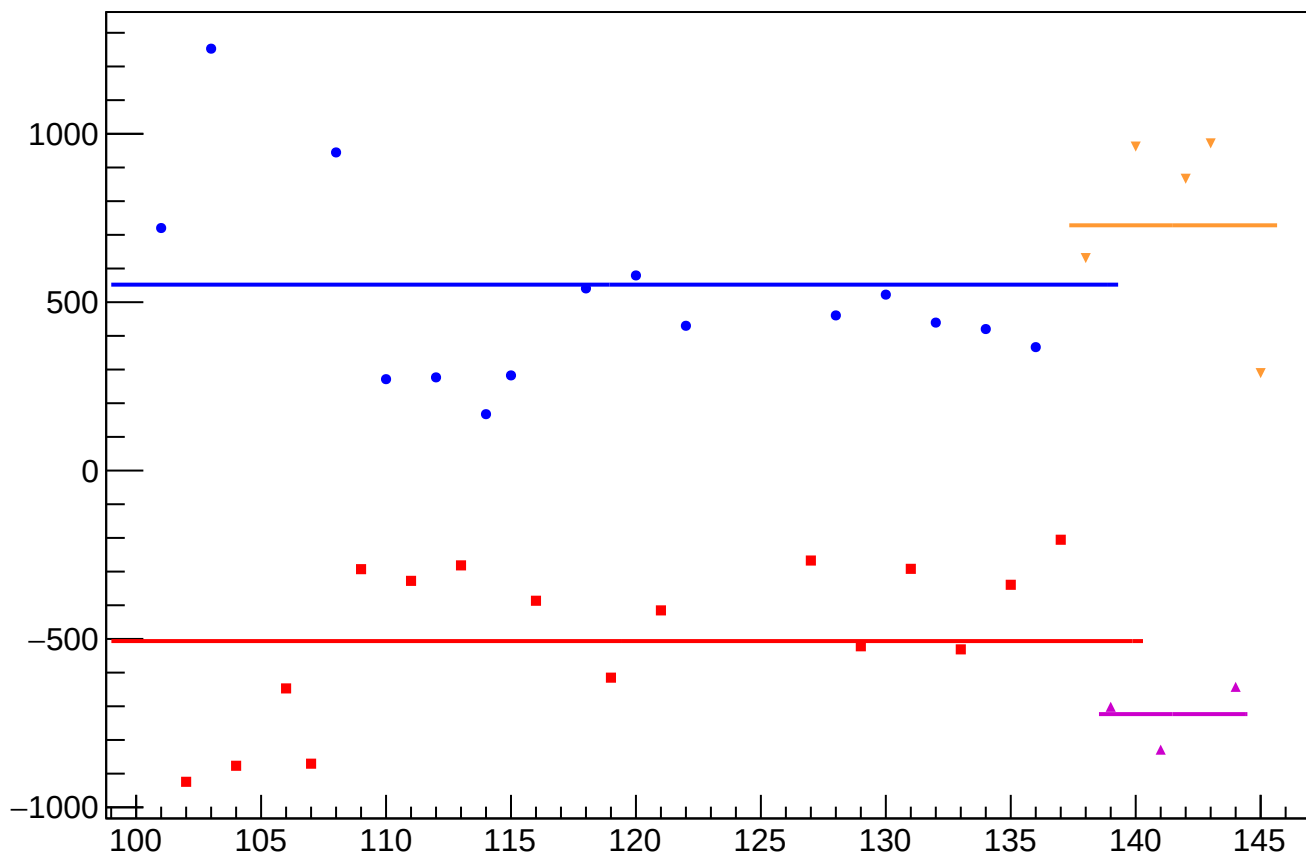
χ^2/NDF : 1136406286131098596000054422131257114624.0/15

Left In: -3915.131 $\pm$ 0.000

χ^2/NDF : 19603991470121752326660719953689182208.0/2

All: 215.181 $\pm$ 0.000 χ^2/NDF : 215991356589.0/2

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 552.108 +/- 0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

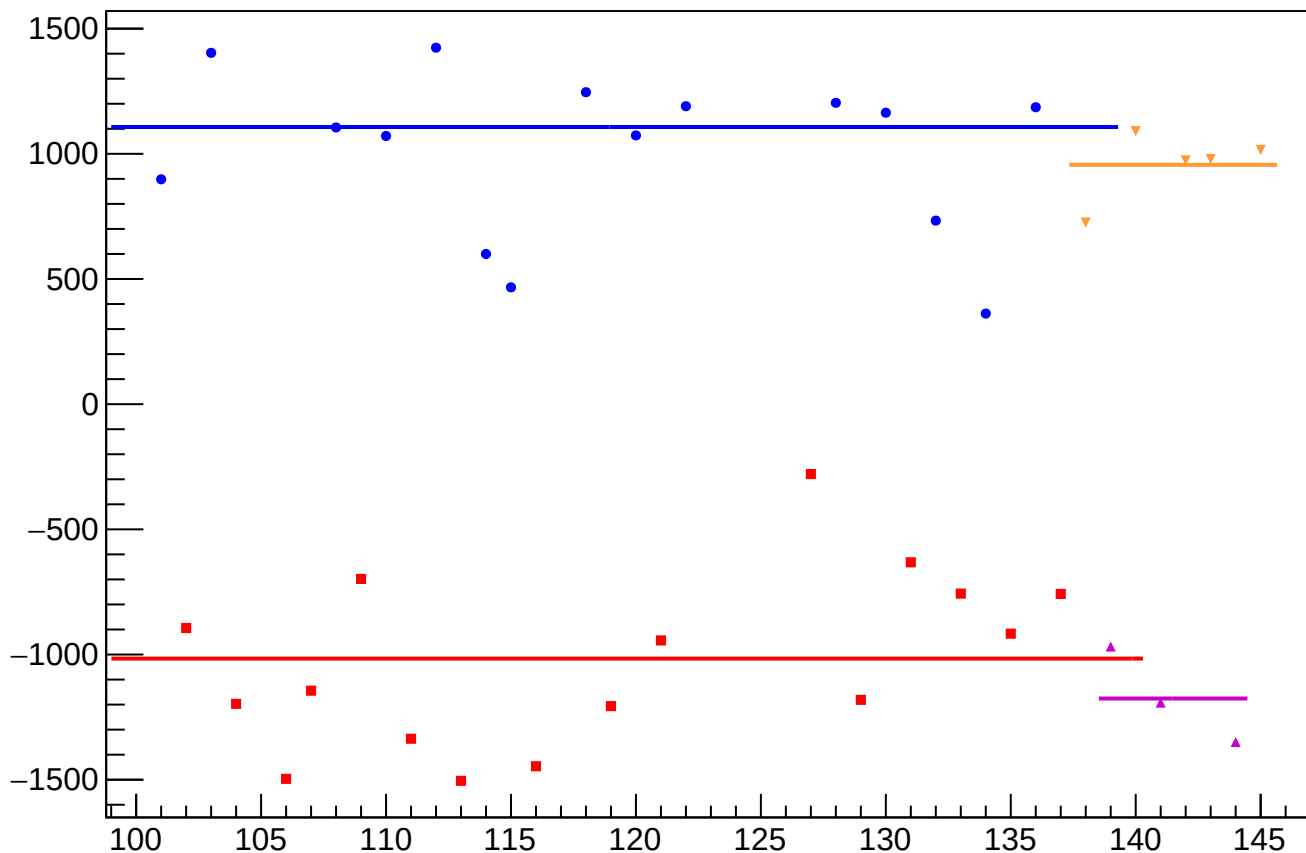
Left Out: 728.320 +/- 0.000 χ^2/NDF : 25096277640759959820786028472845729792.0/4

Right Out: -506.345 +/- 0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: -723.212 +/- 0.000 χ^2/NDF : 1568761745240607336455709546759847936.0/2

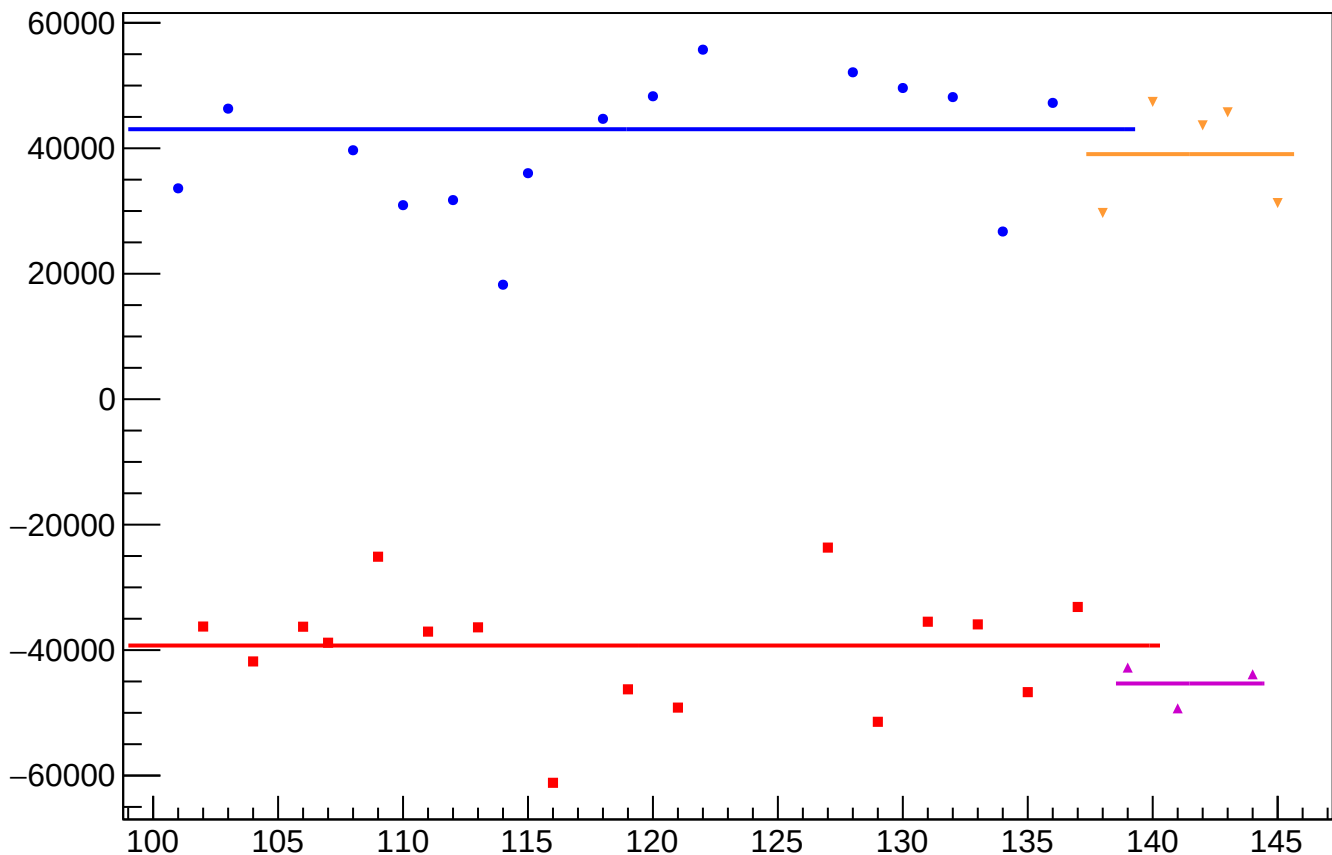
All: 47.767 +/- 0.000 χ^2/NDF : 7986021714393

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 59.056 +/- 0.000 χ^2/NDF : 68337623658969403
 Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953 +/- 0.000 χ^2/NDF : 1595991371539270
 Left Out: 956.091 +/- 0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 In: 463.138 +/- 0.000 χ^2/NDF : 10007975321543678
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -336.105 +/- 0.000 χ^2/NDF : 973039024272305
 Left In: -1175.686 +/- 0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814 +/- 0.000 χ^2/NDF : 2279695316274

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000

χ^2/NDF : 48397052922561722652666786407552179503104.0/14

Left Out: 39068.743+/-0.000

χ^2/NDF : 21233086365117938254039996592251675344896.0/4

Right Out: -39269.627+/-0.000

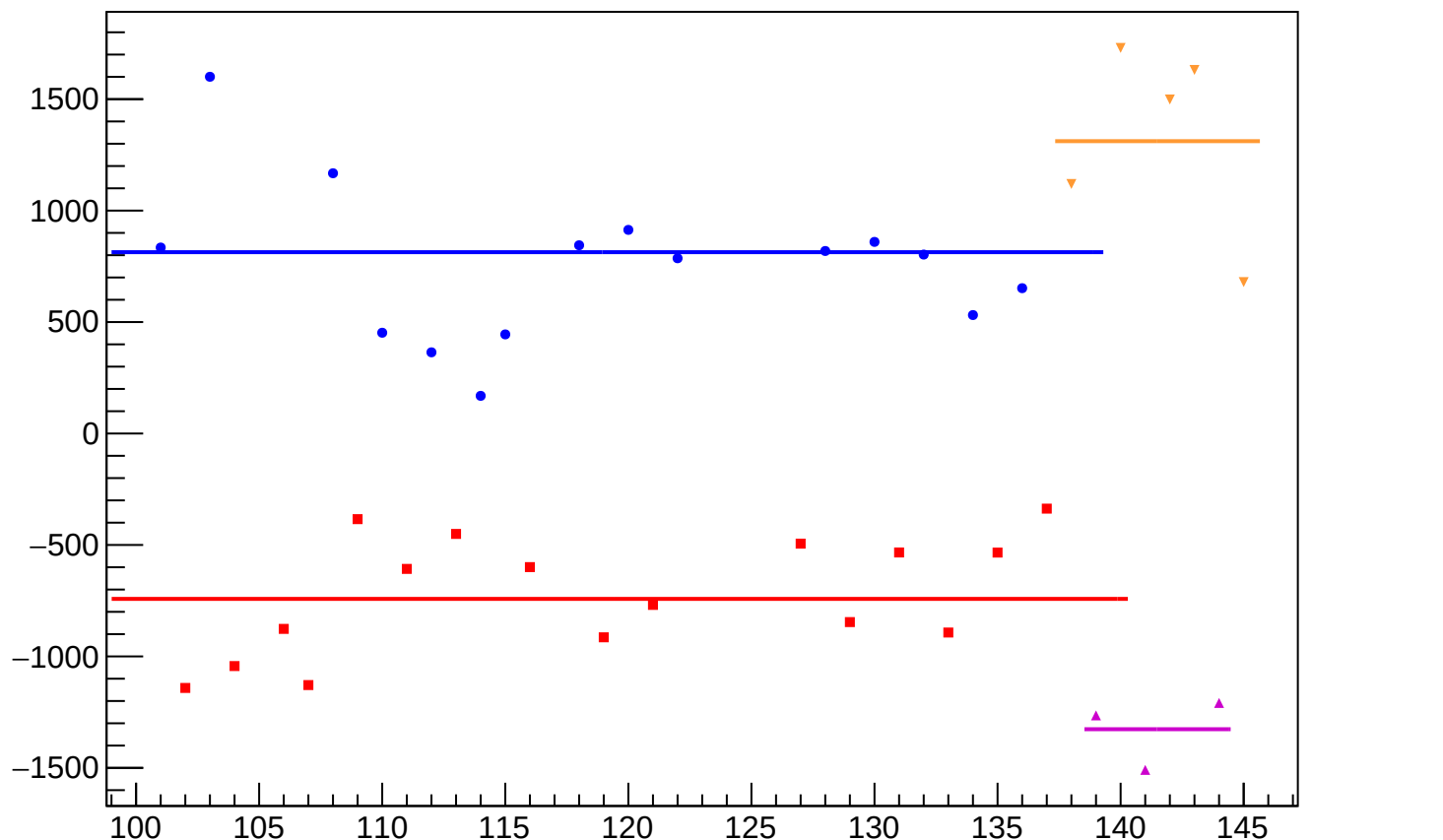
χ^2/NDF : 51873036517757666237545716605051585167360.0/15

Left In: -45322.621+/-0.000

χ^2/NDF : 2045646089524790626379327531005532700672.0/2

All: 2027.020+/-0.000 χ^2/NDF : 34060257022

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 813.500+/-0.000

χ^2/NDF : 67120916816548237638948787518351343616.0/14

Left Out: 1311.523+/-0.000

χ^2/NDF : 56851649675760881838354890806811164672.0/4

Right Out: -741.911+/-0.000

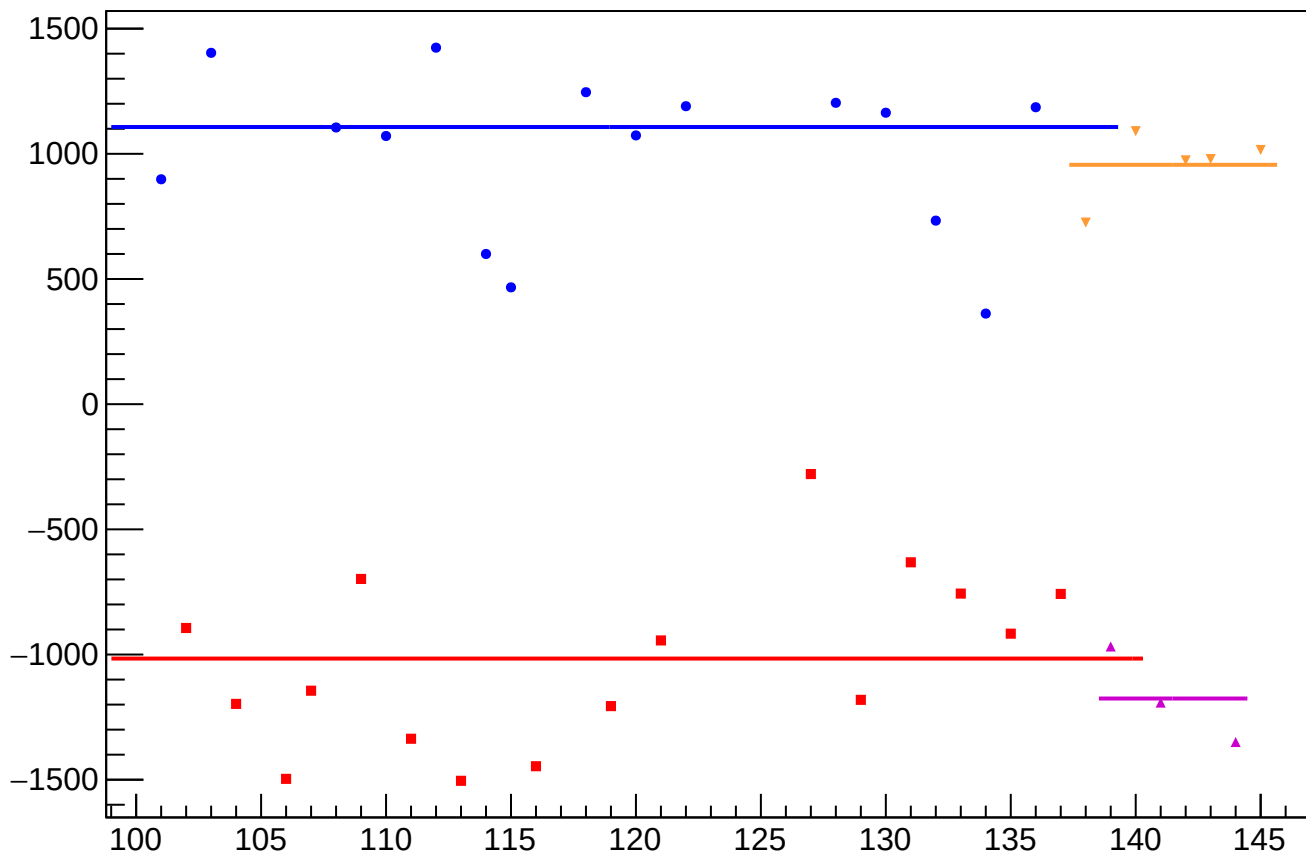
χ^2/NDF : 44074134397215409235604746432671645696.0/15

Left In: -1326.578+/-0.000

χ^2/NDF : 4377413943425353146203567931107835904.0/2

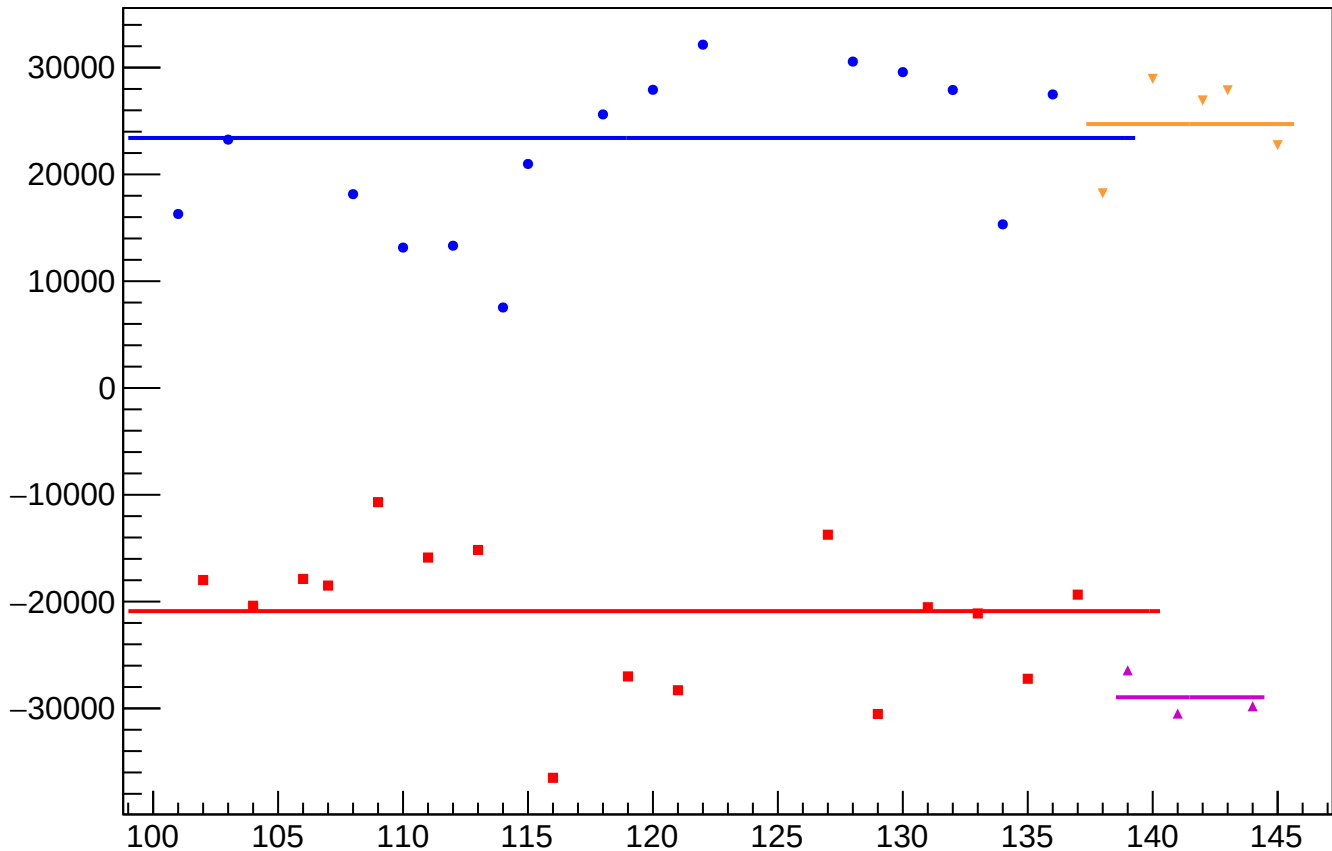
All: 80.736+/-0.000 χ^2/NDF : 2009034640039

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



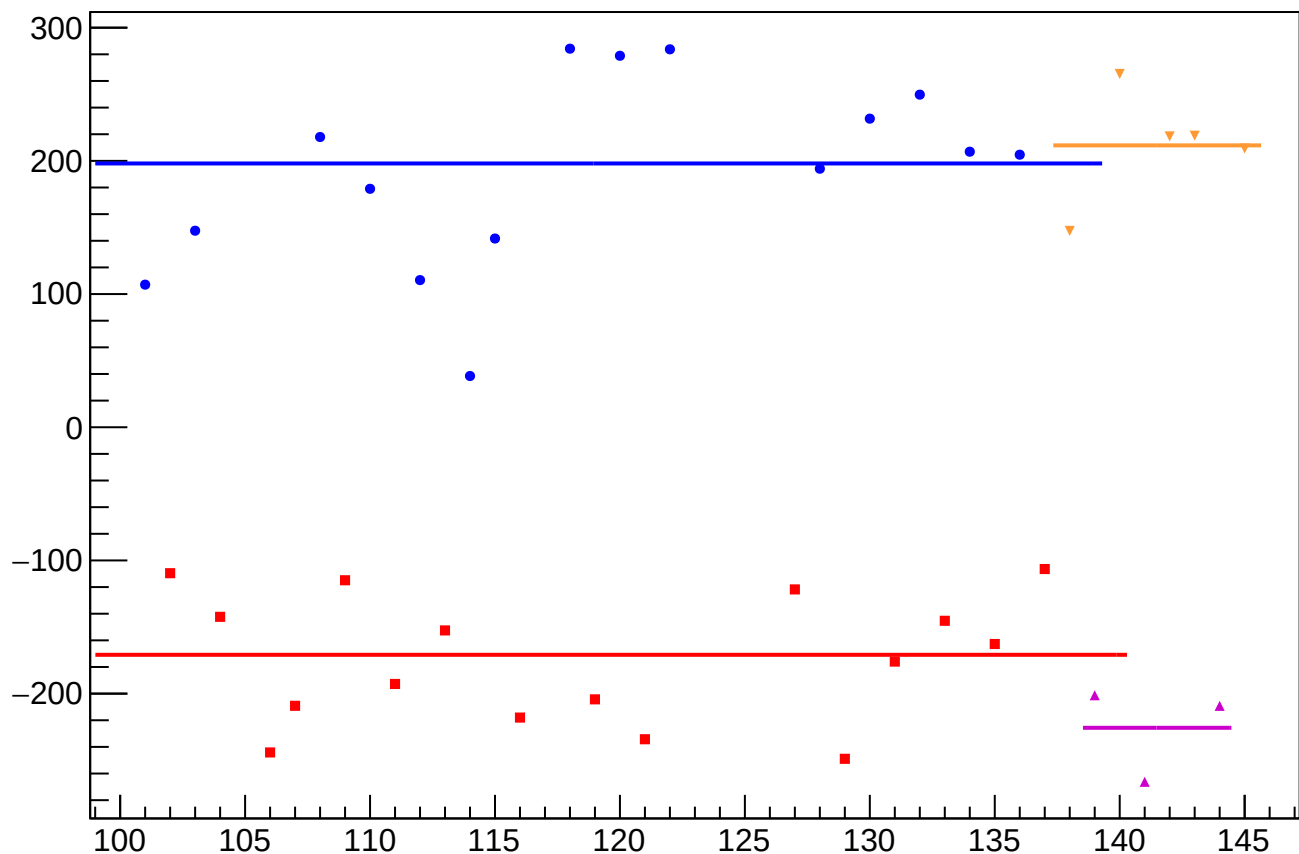
Left: 59.056 +/- 0.000 χ^2/NDF : 68337623658969403
 Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953 +/- 0.000 χ^2/NDF : 1595991371539270
 Left Out: 956.091 +/- 0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 In: 463.138 +/- 0.000 χ^2/NDF : 10007975321543678
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -336.105 +/- 0.000 χ^2/NDF : 973039024272305
 Left In: -1175.686 +/- 0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814 +/- 0.000 χ^2/NDF : 2279695316274

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506+/-0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 24714.455+/-0.000 χ^2/NDF : 5950311689201197043724832557363848282112.0/4
 Right Out: -20894.122+/-0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: -28959.979+/-0.000 χ^2/NDF : 775518303615976997452929979010179399680.0/2
 All: 1325.529+/-0.000 χ^2/NDF : 11343454770

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 198.056 +/- 0.000

χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 211.637 +/- 0.000

χ^2/NDF : 563783074730168994164446146095742976.0/4

Right Out: -170.851 +/- 0.000

χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: -225.658 +/- 0.000

χ^2/NDF : 212283945756146486549183271744307200.0/2

Left: 27.627 +/- 0.000 χ^2/NDF : 29019885483476313

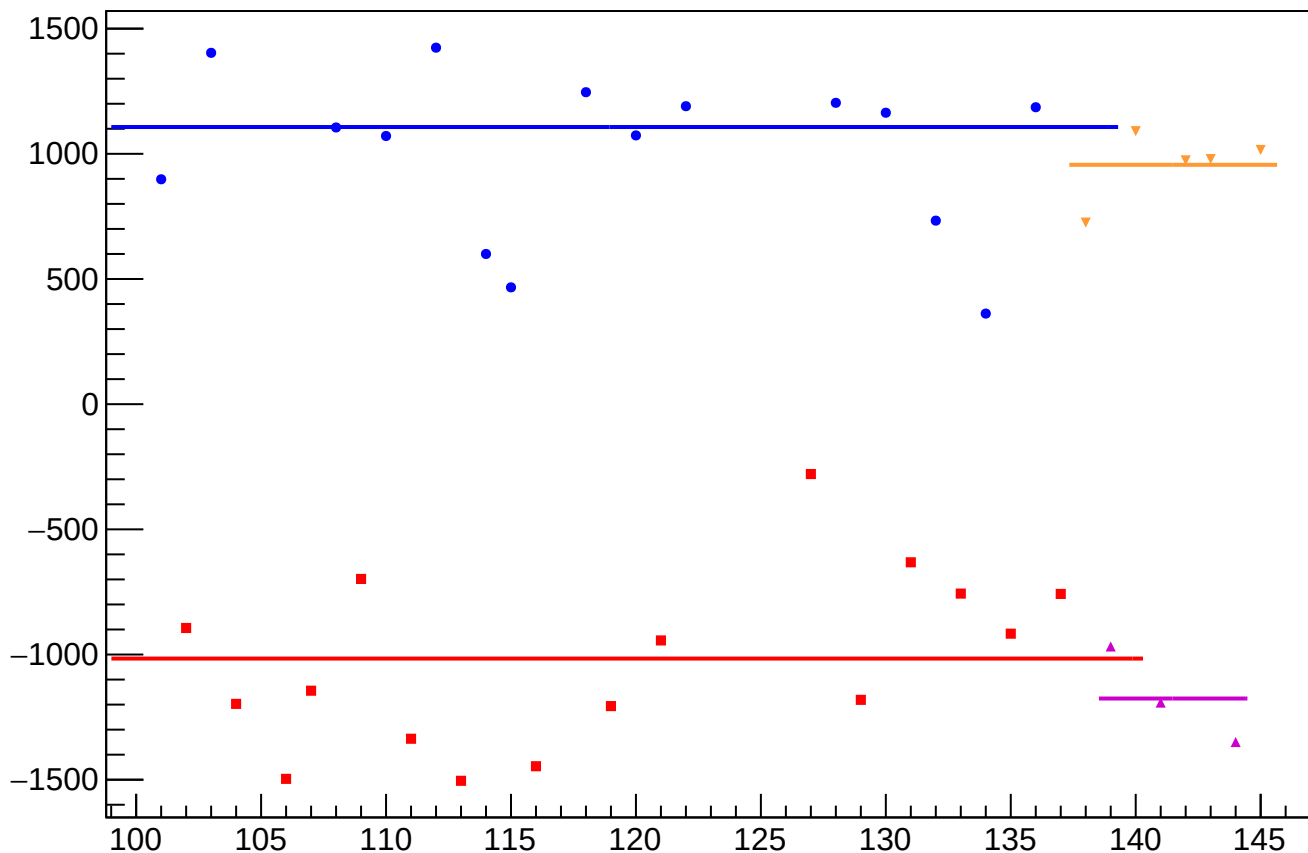
Right: 11.079 +/- 0.000 χ^2/NDF : 4866728486717223

In: 78.535 +/- 0.000 χ^2/NDF : 355622455062610509

Out: -38.972 +/- 0.000 χ^2/NDF : 3562724799239690

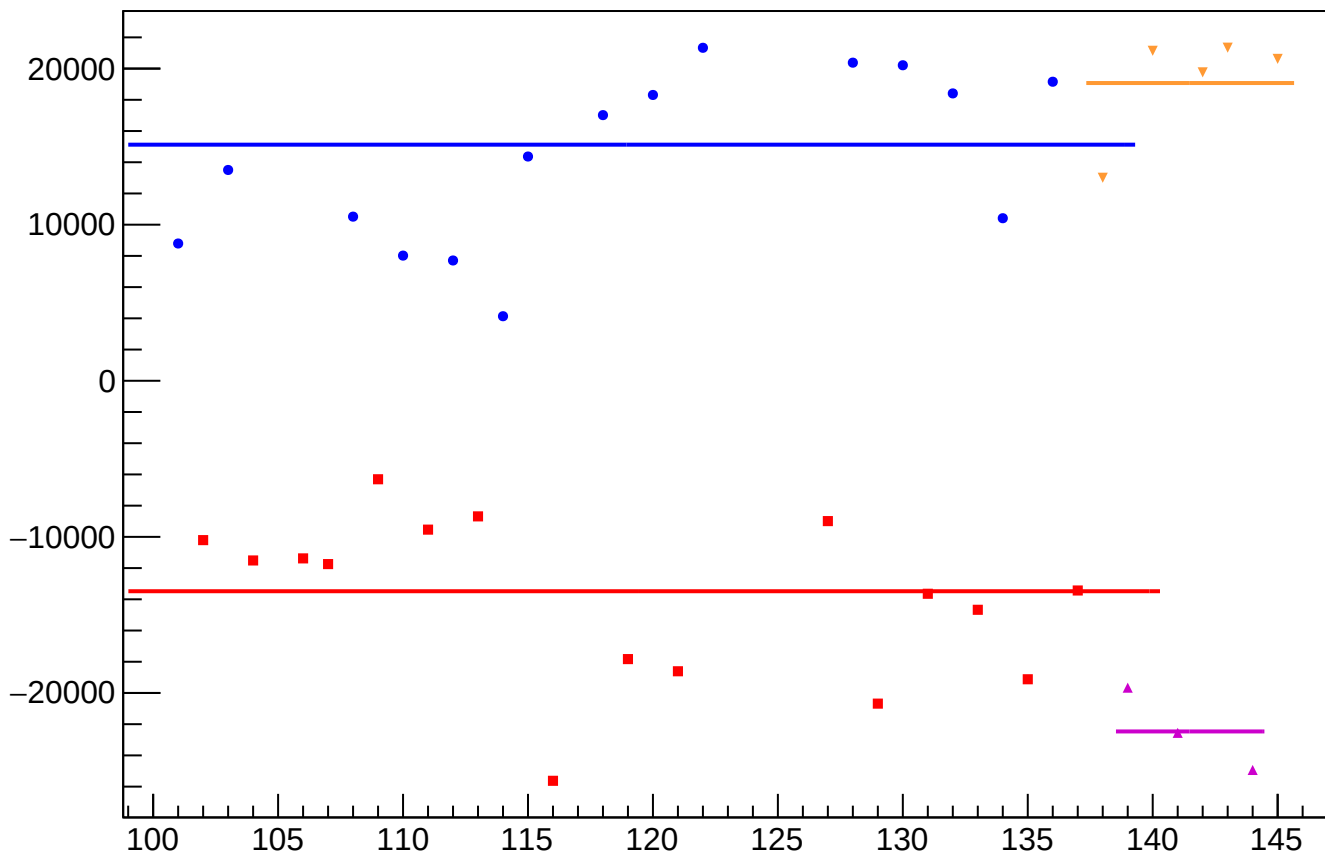
All: 16.297 +/- 0.000 χ^2/NDF : 7780079180604

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



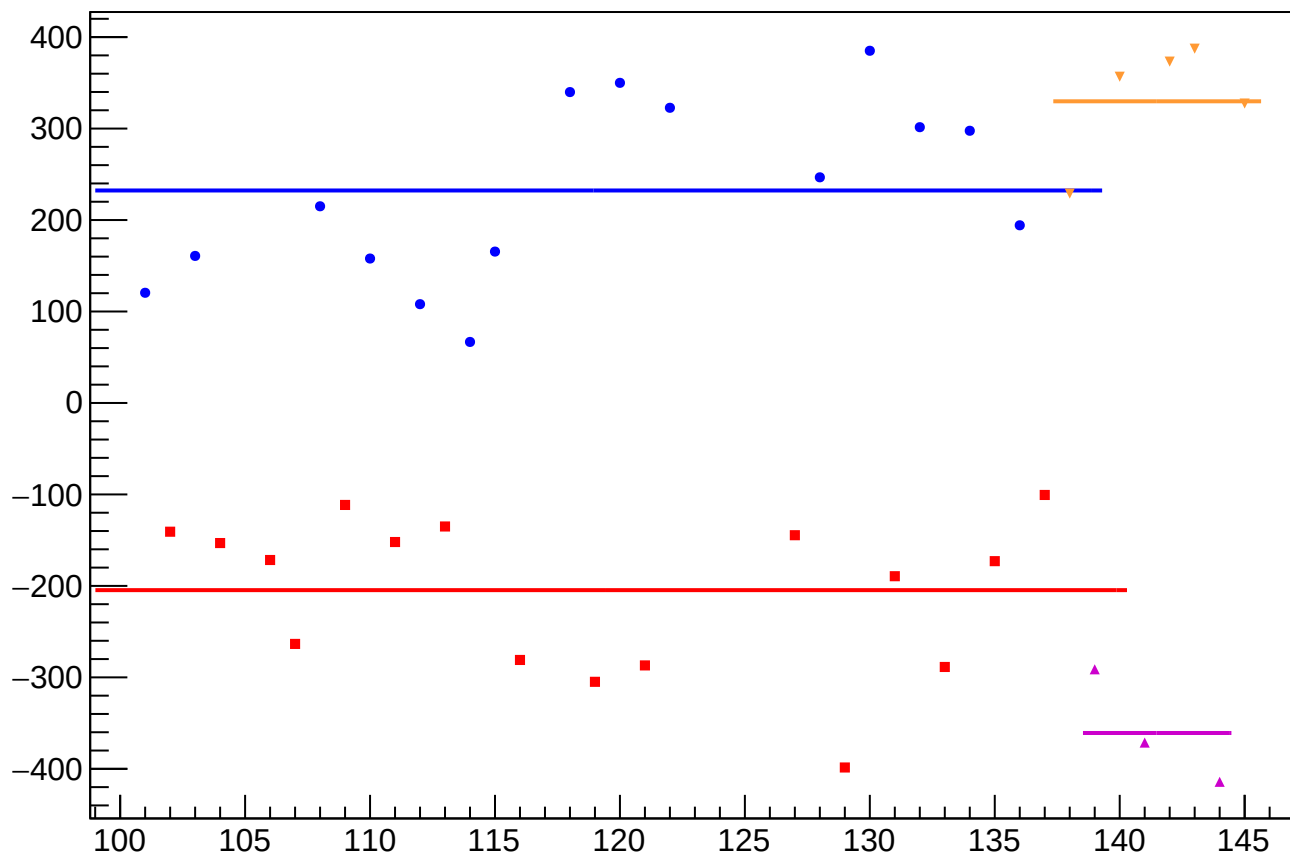
Left: 59.056 ± 0.000 $\chi^2/\text{NDF}: 68337623658969403$
 Right In: 1107.052 ± 0.000 $\chi^2/\text{NDF}: 40633831787810179240542210398269472768.0/14$
 Right: 30.953 ± 0.000 $\chi^2/\text{NDF}: 1595991371539270$
 Left Out: 956.091 ± 0.000 $\chi^2/\text{NDF}: 5959648710258224834143603323238875136.0/4$
 In: 463.138 ± 0.000 $\chi^2/\text{NDF}: 10007975321543678$
 Right Out: -1016.106 ± 0.000 $\chi^2/\text{NDF}: 72567664333509192712184310037150171136.0/15$
 Out: -336.105 ± 0.000 $\chi^2/\text{NDF}: 973039024272305$
 Left In: -1175.686 ± 0.000 $\chi^2/\text{NDF}: 6206619771609003879292638606747762688.0/2$
 All: 39.814 ± 0.000 $\chi^2/\text{NDF}: 2279695316274$

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 19074.782+/-0.000 χ^2/NDF : 3773728121974450860445967109082671218688.0/4
 Right Out: -13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: -22465.191+/-0.000 χ^2/NDF : 1179537749672801785730679963863553671168.0/2
 All: 931.651+/-0.000 χ^2/NDF : 561942373942

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 232.312 +/- 0.000

χ^2/NDF : 5478184144885833956204804001180418048.0/14

Left Out: 329.805 +/- 0.000

χ^2/NDF : 1161696560930241088557013971446530048.0/4

Right Out: -204.637 +/- 0.000

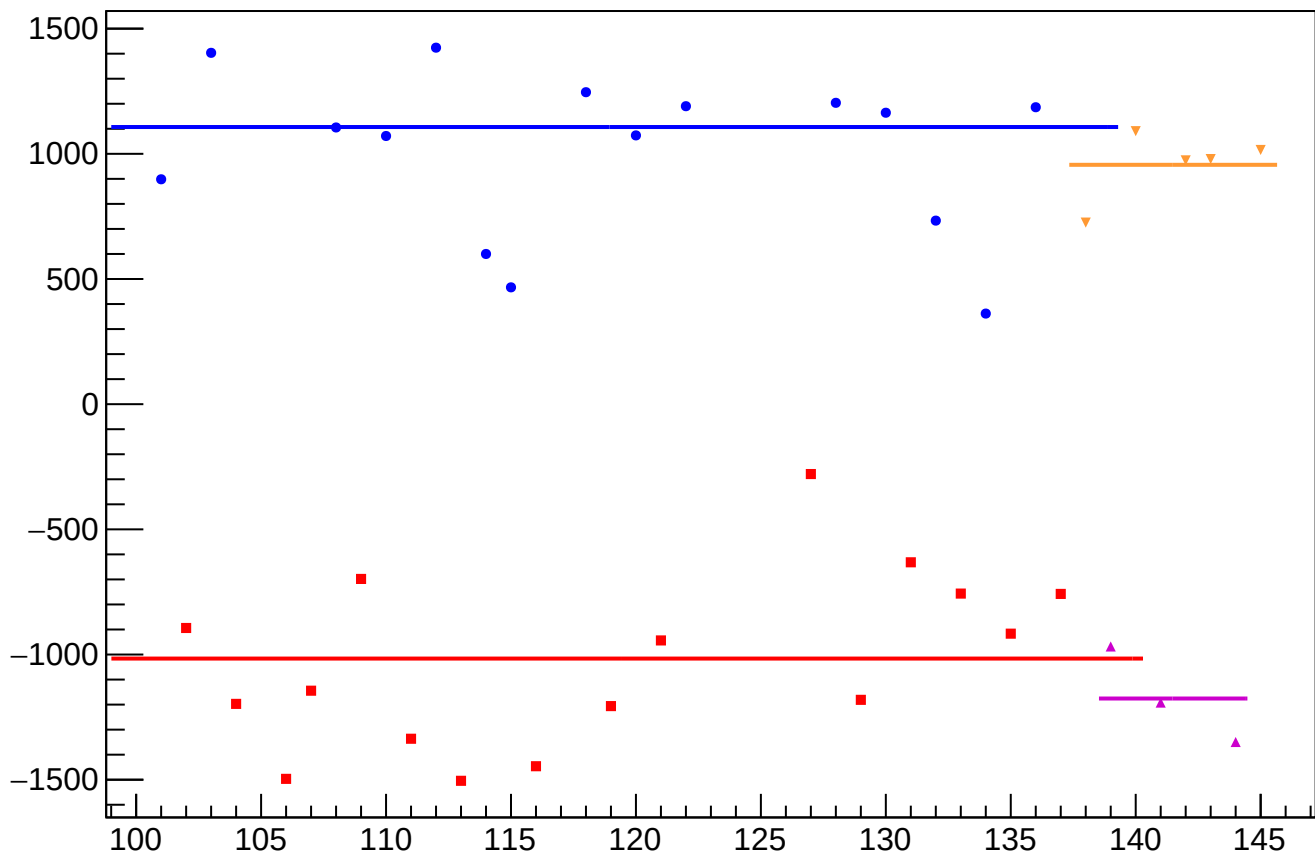
χ^2/NDF : 4555067046835230017930882867882098688.0/15

Left In: -360.811 +/- 0.000

χ^2/NDF : 655508761362888166052838839053975552.0/2

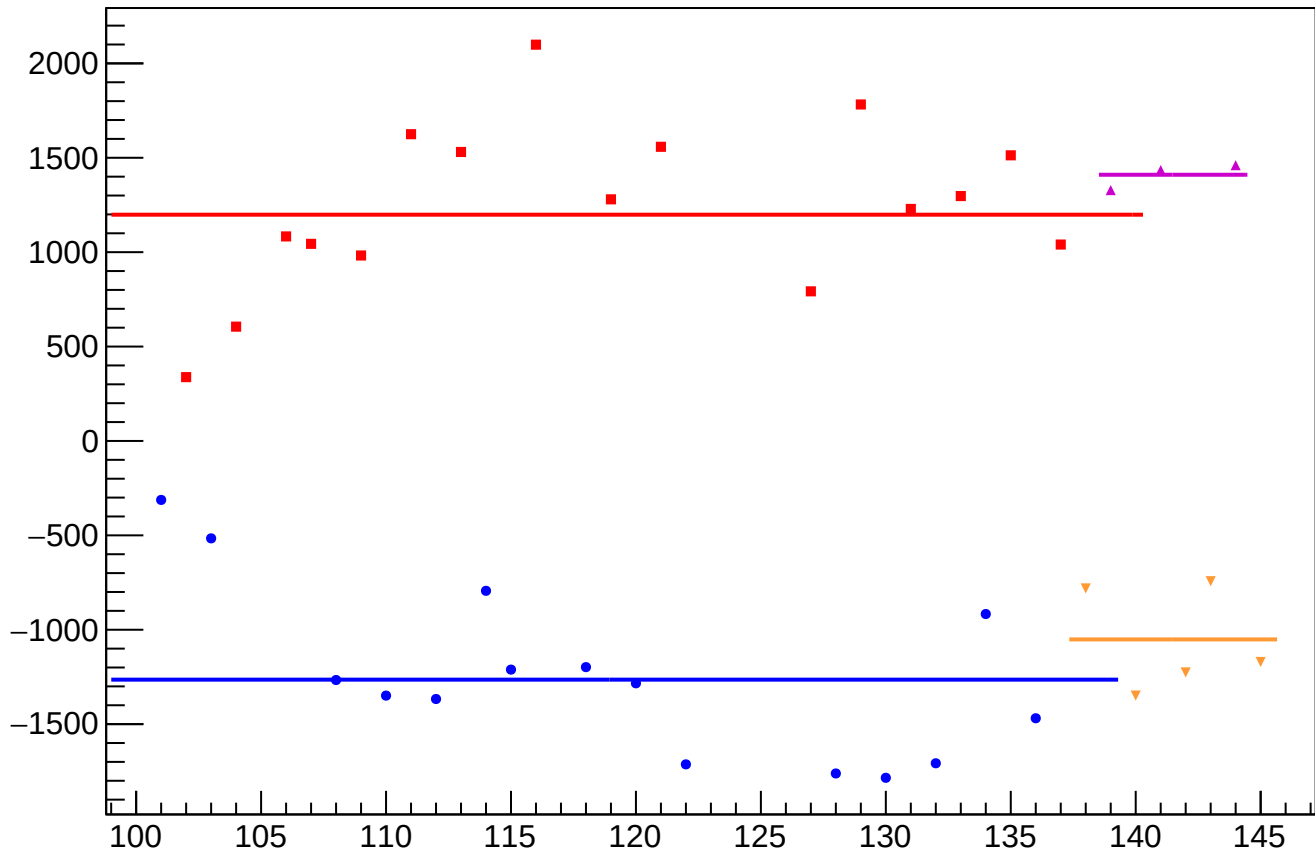
All: 19.788 +/- 0.000 χ^2/NDF : 1454308883747

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 59.056 ± 0.000 $\chi^2/\text{NDF}: 68337623658969403$
 Right: 30.953 ± 0.000 $\chi^2/\text{NDF}: 1595991371539270$
 In: 463.138 ± 0.000 $\chi^2/\text{NDF}: 10007975321543678$
 Out: -336.105 ± 0.000 $\chi^2/\text{NDF}: 973039024272305$
 All: 39.814 ± 0.000 $\chi^2/\text{NDF}: 2279695316274$

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303+/-0.000

Left Out: -1051.268+/-0.000

Right Out: 1198.483+/-0.000

Left In: 1410.066+/-0.000

χ^2/NDF : 140215251538502657549173994543931981824.0/14

χ^2/NDF : 21838166461271135022647804808392605696.0/4

χ^2/NDF : 131164763898016793515492217696167133184.0/15

χ^2/NDF : 815126939116369393124661291395317760.0/2

Left: -15.558+/-0.000 χ^2/NDF : 9174321299093013

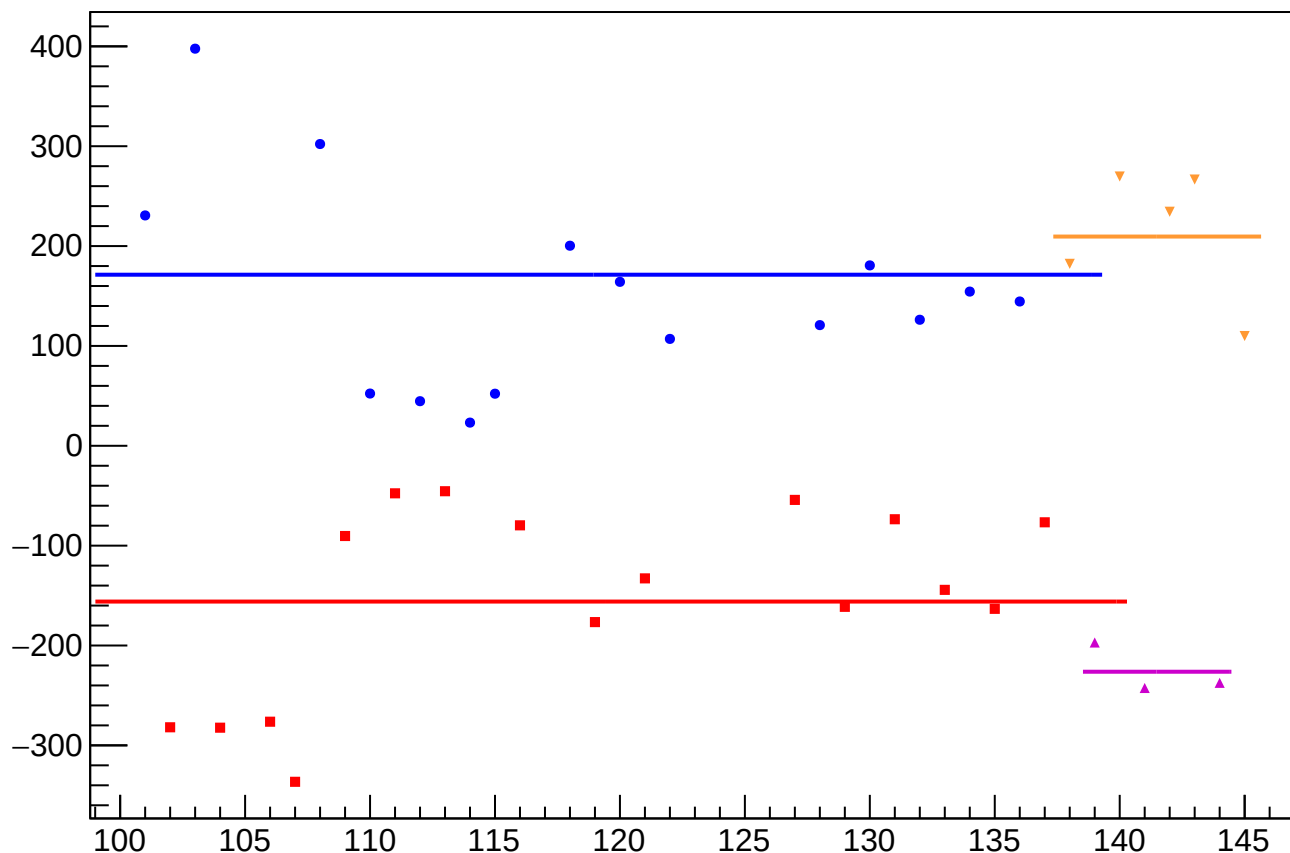
Right: -16.067+/-0.000 χ^2/NDF : 226649511001664

In: -509.918+/-0.000 χ^2/NDF : 1450390255813594

Out: 422.783+/-0.000 χ^2/NDF : 1317005797920477

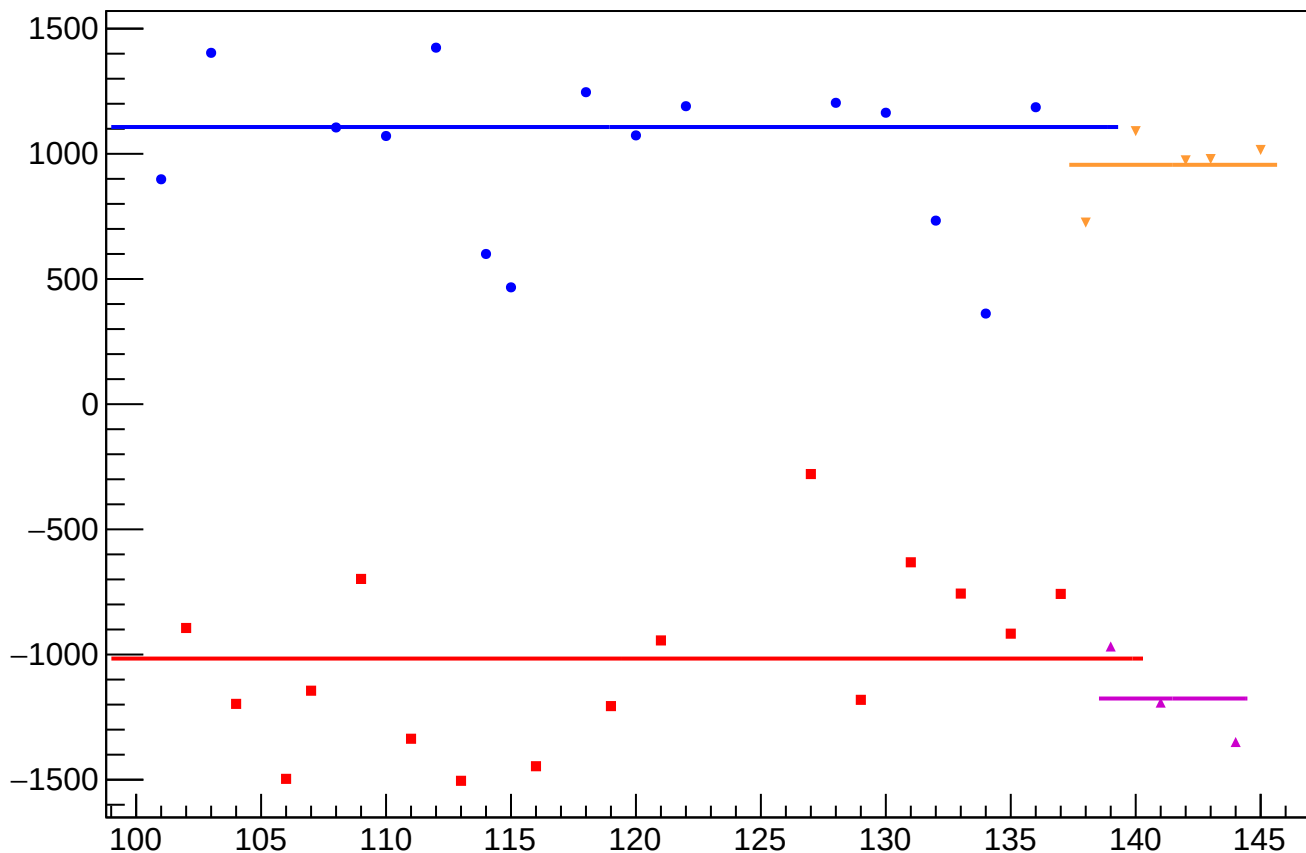
All: -15.906+/-0.000 χ^2/NDF : 318392734743

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



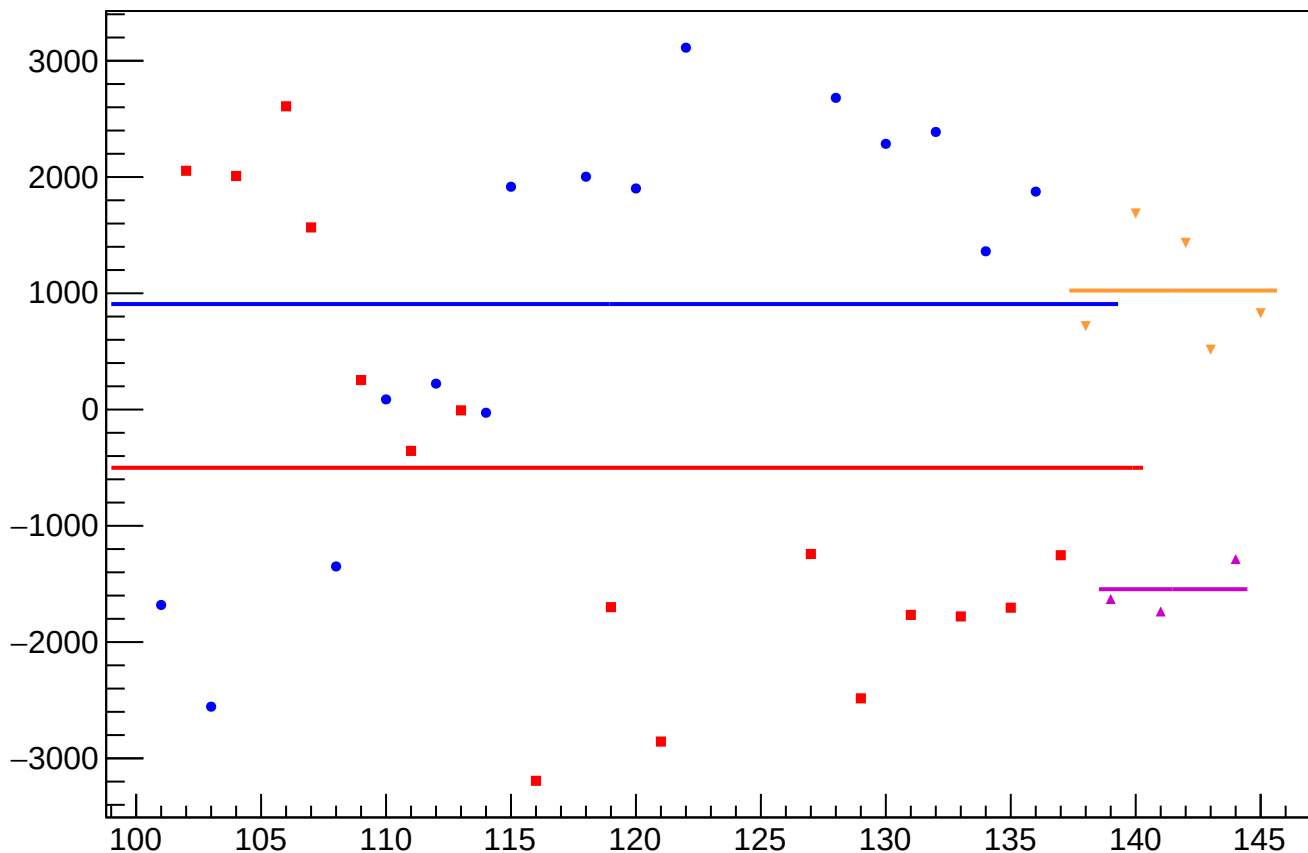
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 209.531+/-0.000 χ^2/NDF : 1375558212713564116058787685462966272.0/4
 Right Out: -155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: -226.264+/-0.000 χ^2/NDF : 102902683392272074273050647787995136.0/2
 All: 11.961+/-0.000 χ^2/NDF : 7674976264437

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 59.056+/-0.000 χ^2/NDF : 68337623658969403
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 In: 463.138+/-0.000 χ^2/NDF : 10007975321543678
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -336.105+/-0.000 χ^2/NDF : 973039024272305
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 907.442+/-0.000

χ^2/NDF : 2107238007691848638499662178406566461440.0/14

Left Out: 1023.559+/-0.000

χ^2/NDF : 71324798497675844902006218343093108736.0/4

Right Out: -500.689+/-0.000

χ^2/NDF : 2074232918749953174436803426379074895872.0/15

Left In: -1545.114+/-0.000

χ^2/NDF : 9663760756193726149174465069842432.0/2

Left: -57.318+/-0.000 χ^2/NDF : 1055511770075651

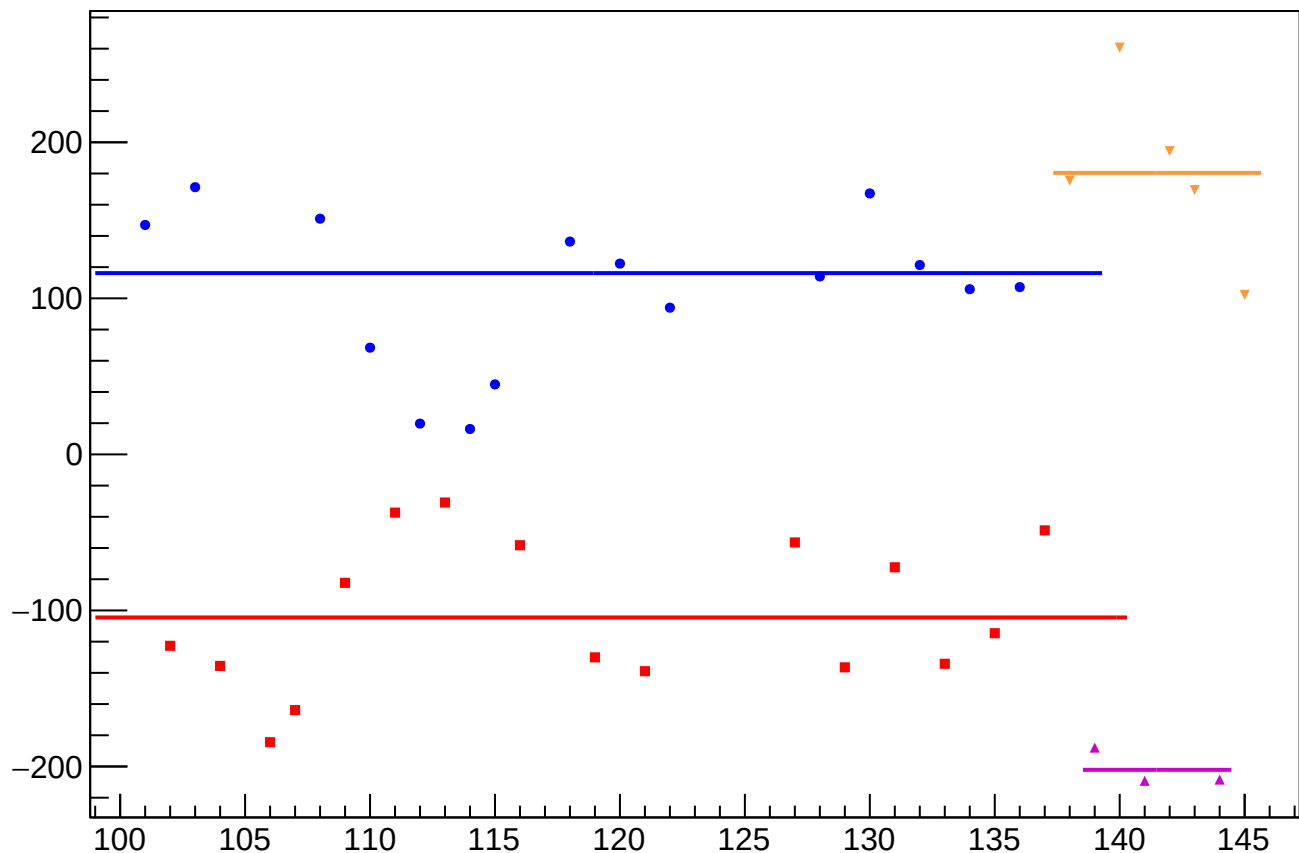
Right: 193.746+/-0.000 χ^2/NDF : 483370034209518

In: 215.626+/-0.000 χ^2/NDF : 32180710531863114

Out: 24.862+/-0.000 χ^2/NDF : 26798713251241217

All: 114.587+/-0.000 χ^2/NDF : 591536658749

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 116.159+/-0.000

χ^2/NDF : 1198526427485199785396504127288115200.0/14

Left Out: 180.403+/-0.000

χ^2/NDF : 1023811932416920824266570770835046400.0/4

Right Out: -104.501+/-0.000

χ^2/NDF : 1285986383644058507445602420764180480.0/15

Left In: -202.139+/-0.000

χ^2/NDF : 24103402423444025574920119394500608.0/2

Left: 19.433+/-0.000

χ^2/NDF : 22661796071412973

Right: 4.320+/-0.000

χ^2/NDF : 18500756430901072

In: 26.374+/-0.000

χ^2/NDF : 197700491208545065

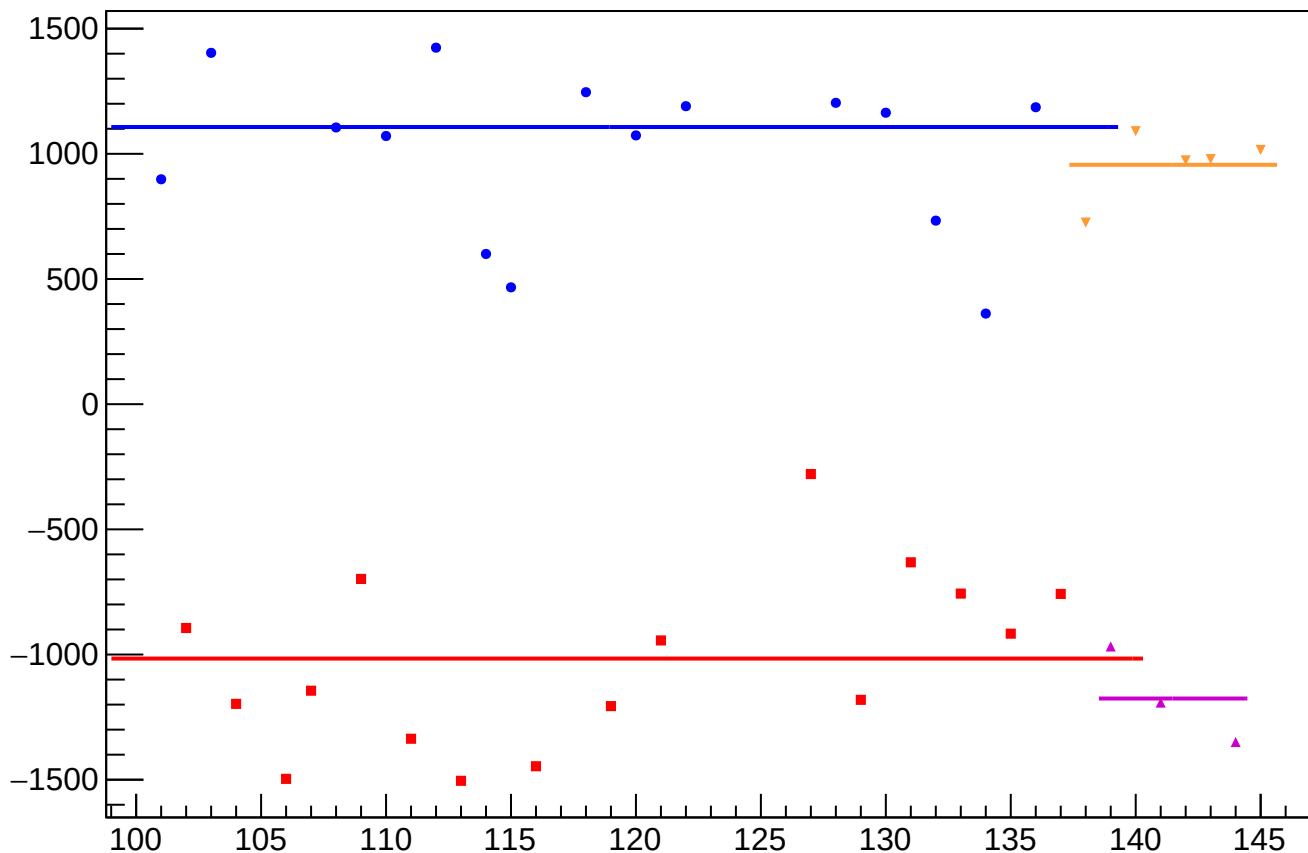
Out: -6.267+/-0.000

χ^2/NDF : 20977118340946614

All: 9.085+/-0.000

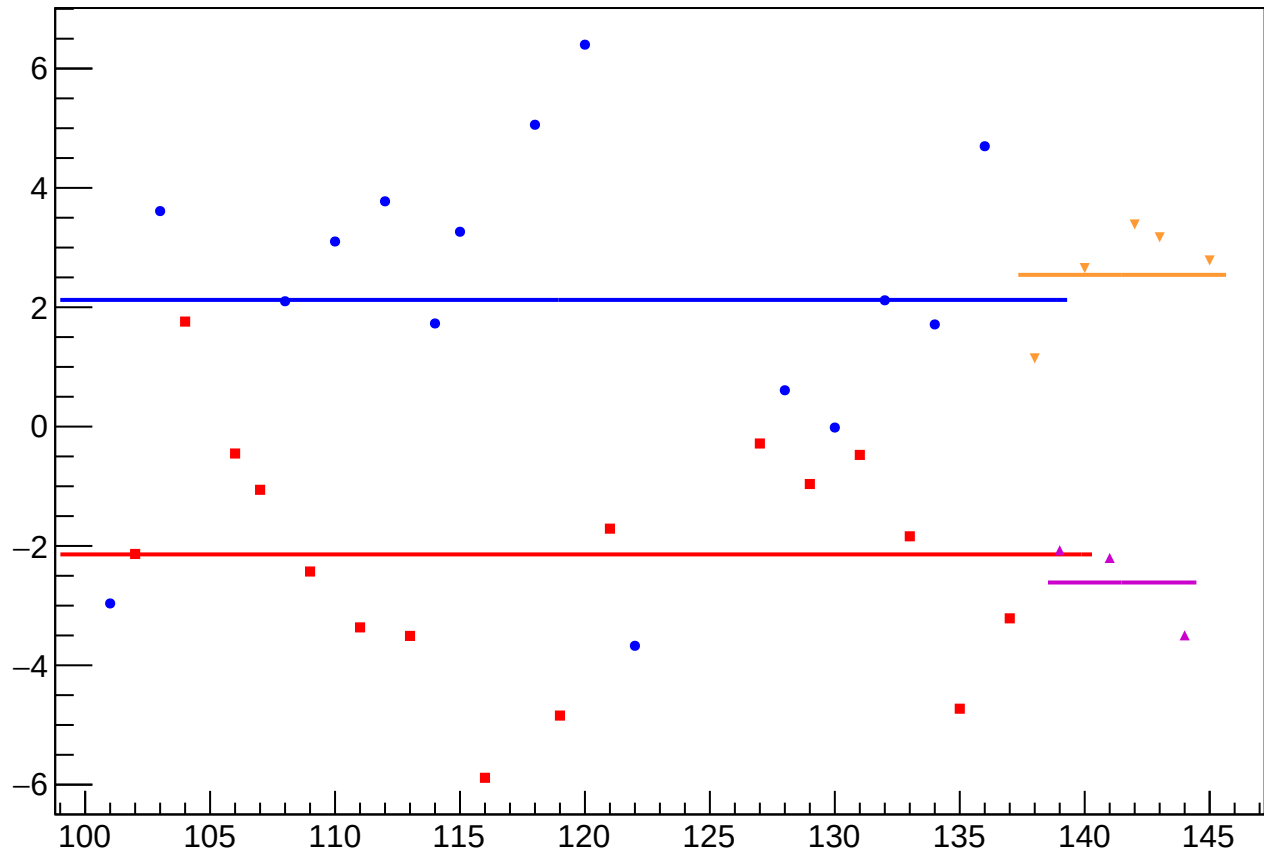
χ^2/NDF : 4125731765206

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



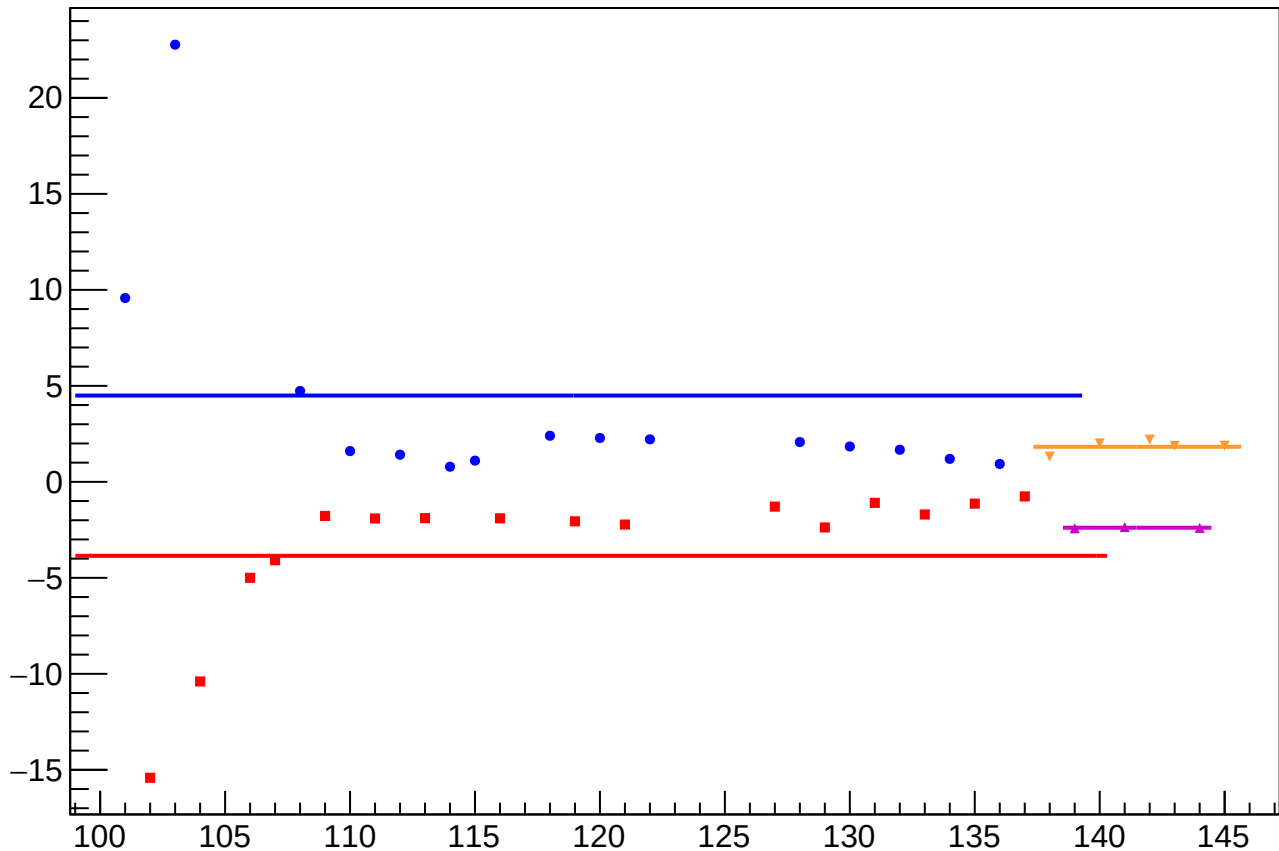
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 956.091+/-0.000 χ^2/NDF : 5959648710258224834143603323238875136.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2
 All: 39.814+/-0.000 χ^2/NDF : 2279695316274

dit_4aX_coil6_mean vs Slug, Sign Corrected



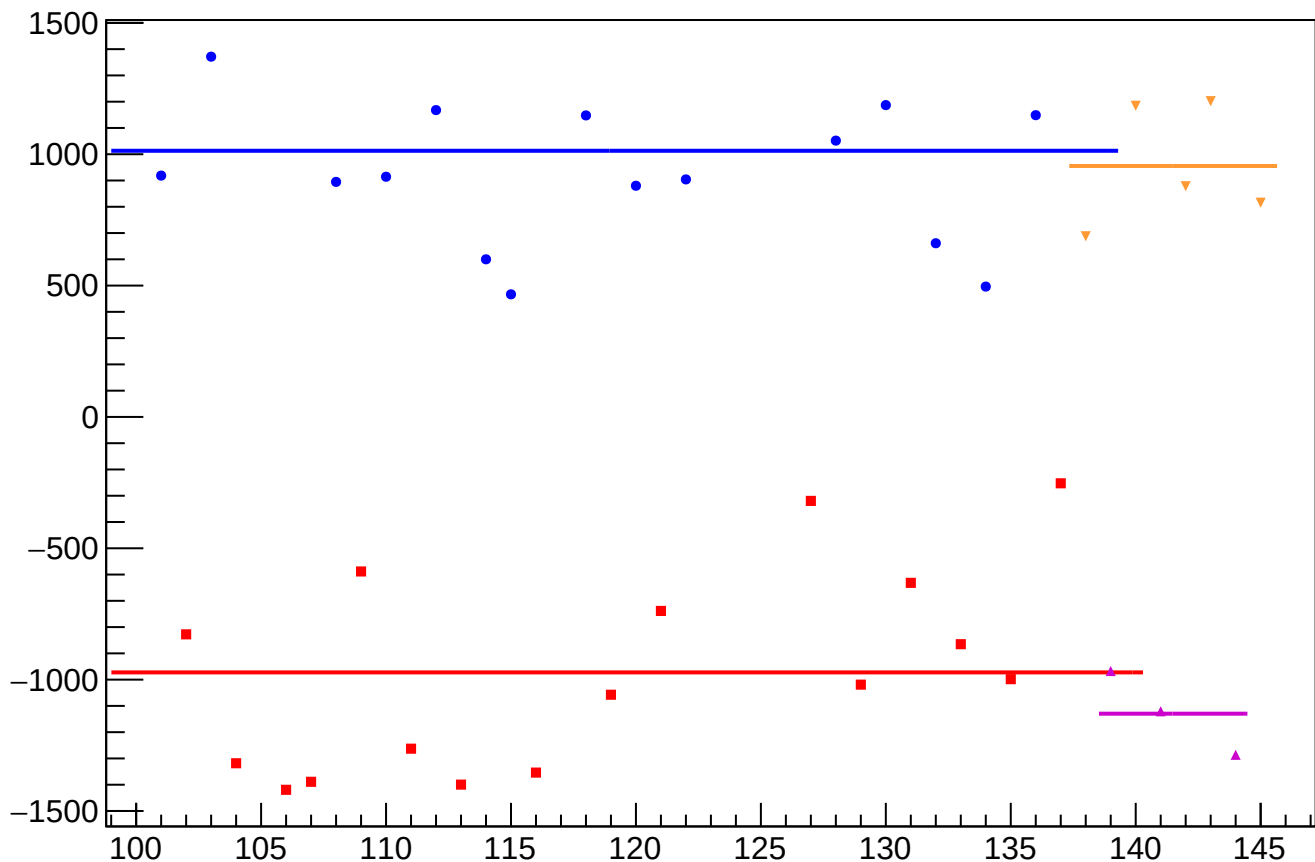
Left: 0.373 +/- 0.000 χ^2/NDF : 425098477898686412
 Right: -0.039 +/- 0.000 χ^2/NDF : 1371901956190569
 In: 0.787 +/- 0.000 χ^2/NDF : 9476767846625768372
 Out: -0.527 +/- 0.000 χ^2/NDF : 77374298075614429
 All: 0.091 +/- 0.000 χ^2/NDF : 18040449153394

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Left: 0.052 +/- 0.000 χ^2/NDF : 265237178294048936
 Right: 0.264 +/- 0.000 χ^2/NDF : 60505823648883396
 In: 2.553 +/- 0.000 χ^2/NDF : 3394556775580620340
 Out: -1.895 +/- 0.000 χ^2/NDF : 19757461632881136
 All: 0.197 +/- 0.000 χ^2/NDF : 63176912505775

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

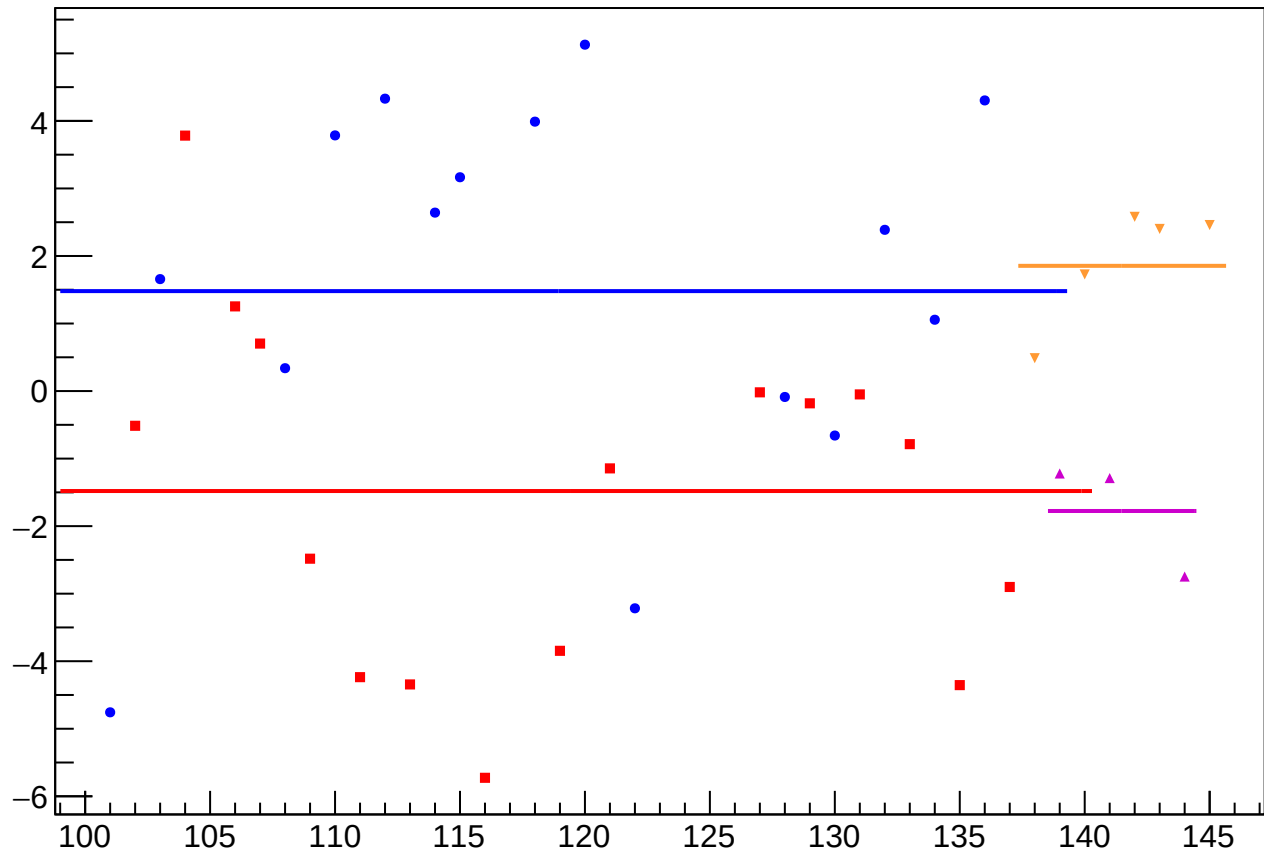
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

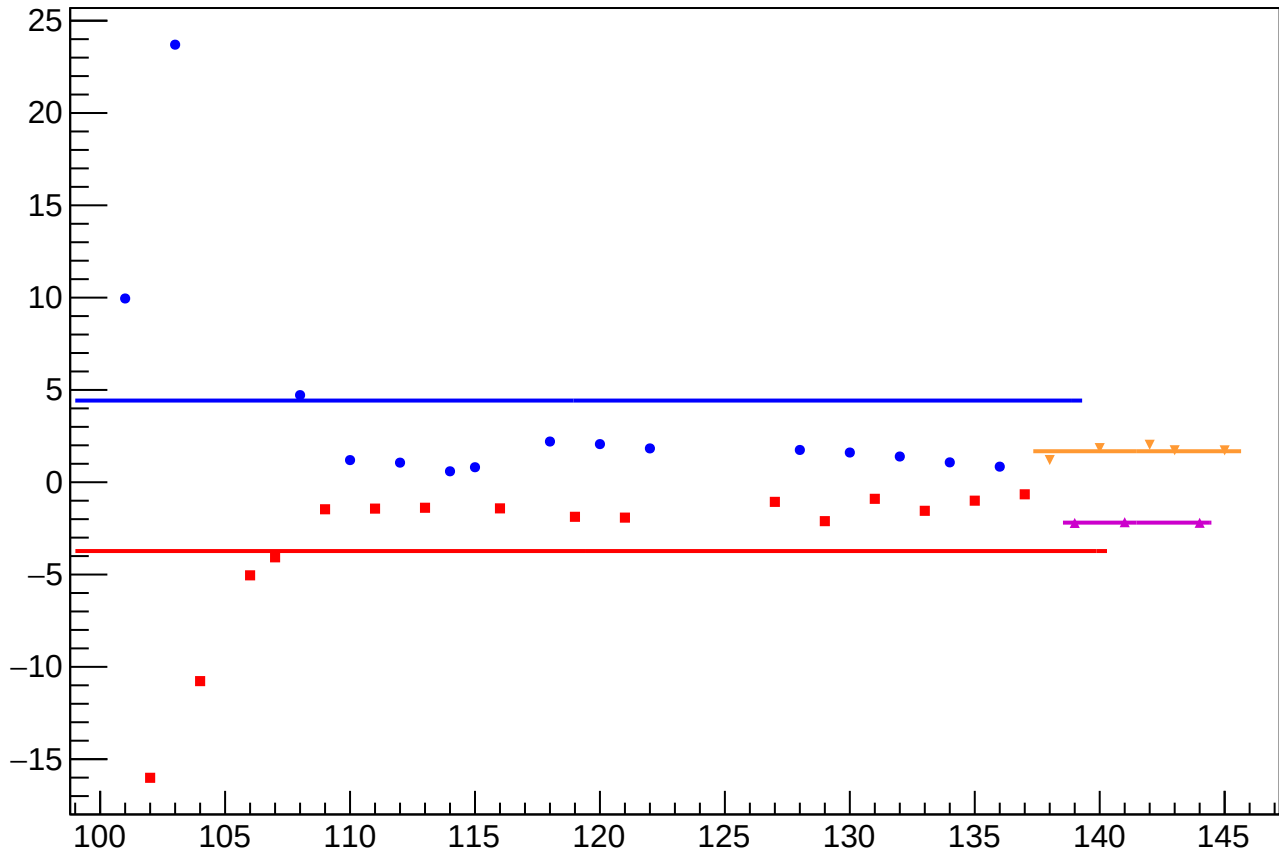
All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_4eX_coil6_mean vs Slug, Sign Corrected



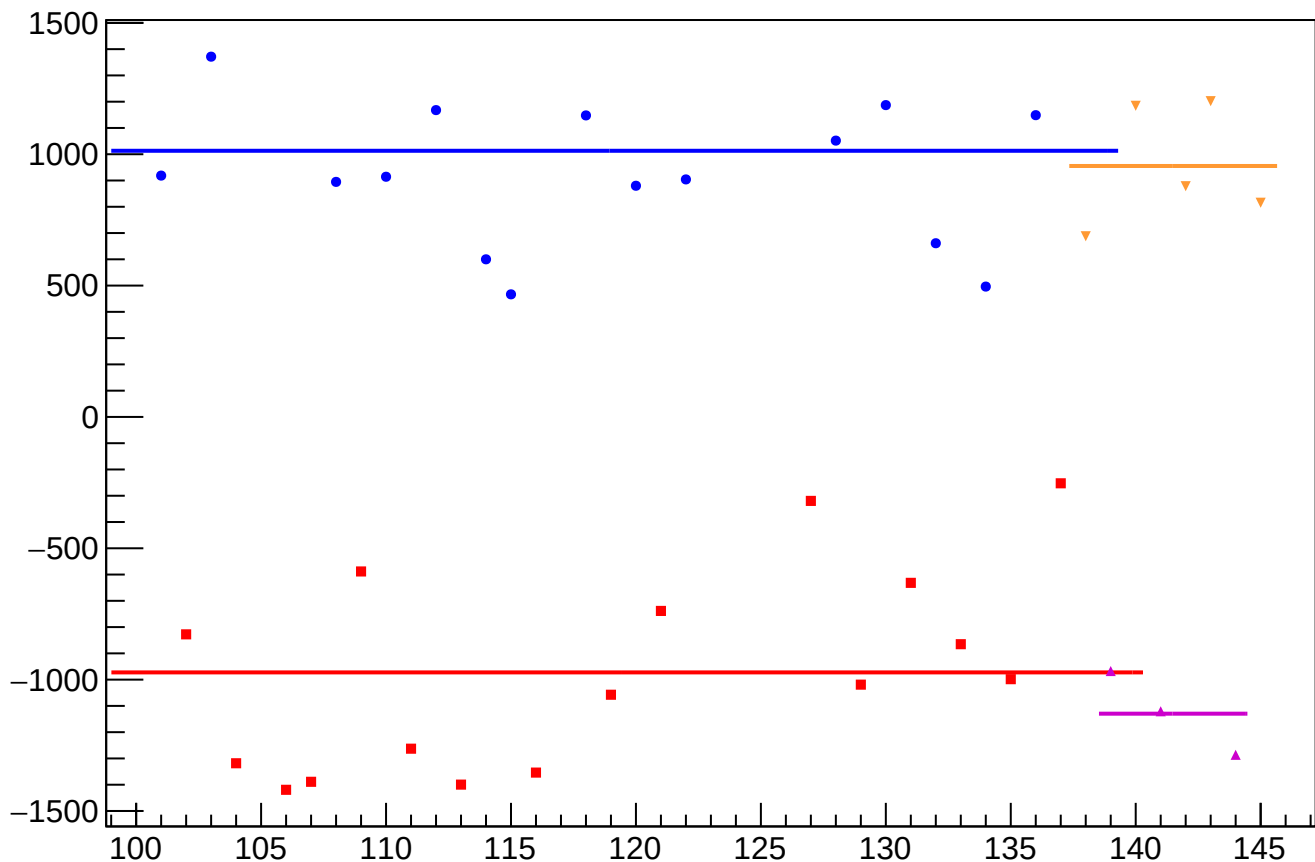
Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14
 Left: 0.327 $\pm$ 0.000 χ^2 /NDF: 229515841566016680
 Right: -0.020 $\pm$ 0.000 χ^2 /NDF: 1277469544314031
 Left Out: 1.854 $\pm$ 0.000 χ^2 /NDF: 219887227160514896496136158183424.0/4
 In: 0.562 $\pm$ 0.000 χ^2 /NDF: 7869245396830334165
 Right Out: -1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15
 Out: -0.331 $\pm$ 0.000 χ^2 /NDF: 68695444036402114
 Left In: -1.776 $\pm$ 0.000 χ^2 /NDF: 129047226341362654382466105606144.0/2
 All: 0.089 $\pm$ 0.000 χ^2 /NDF: 15119848791573

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



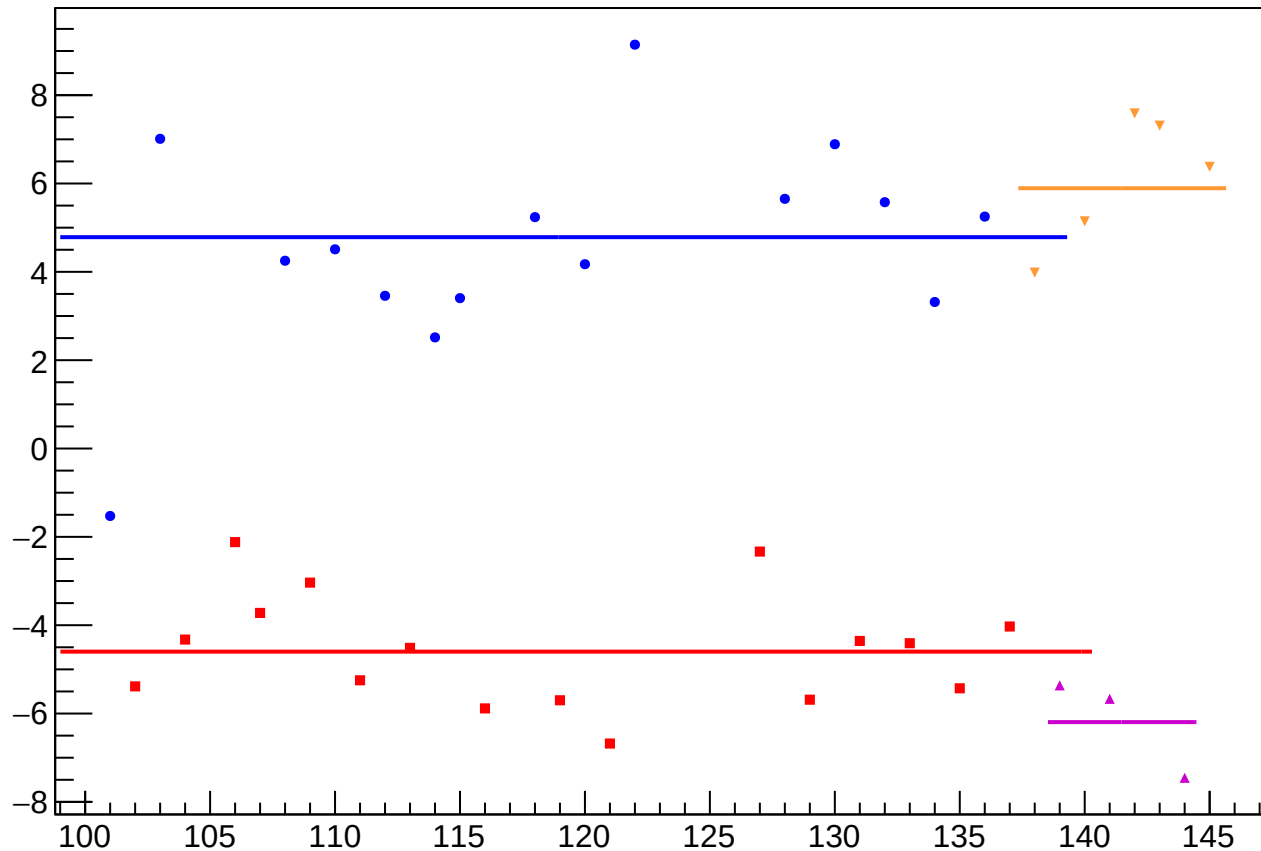
Left: 0.052 +/- 0.000 χ^2/NDF : 22353863831182844
 Right: 0.293 +/- 0.000 χ^2/NDF : 64106471830391853
 In: 2.559 +/- 0.000 χ^2/NDF : 3626279471021021656
 Out: -1.863 +/- 0.000 χ^2/NDF : 20739900605636147
 All: 0.217 +/- 0.000 χ^2/NDF : 66365970732386

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



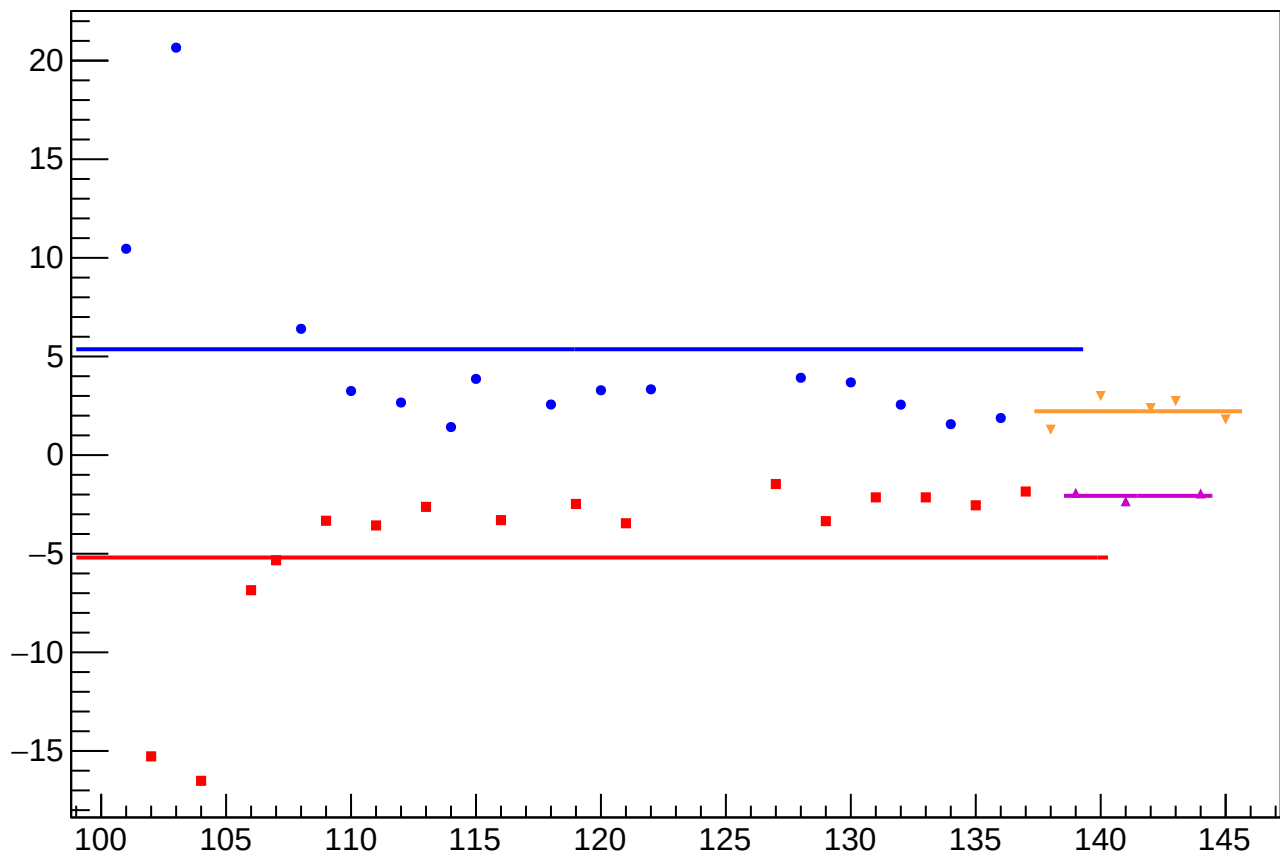
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 955.265 $\pm$ 0.000 χ^2 /NDF: 15766888186948653589984415078017925120.0/4
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 $\pm$ 0.000 χ^2 /NDF: 4322028015098784947615018931883868160.0/2
 All: 29.213 $\pm$ 0.000 χ^2 /NDF: 2071681702276

dit_11X12X_coil6_mean vs Slug, Sign Corrected



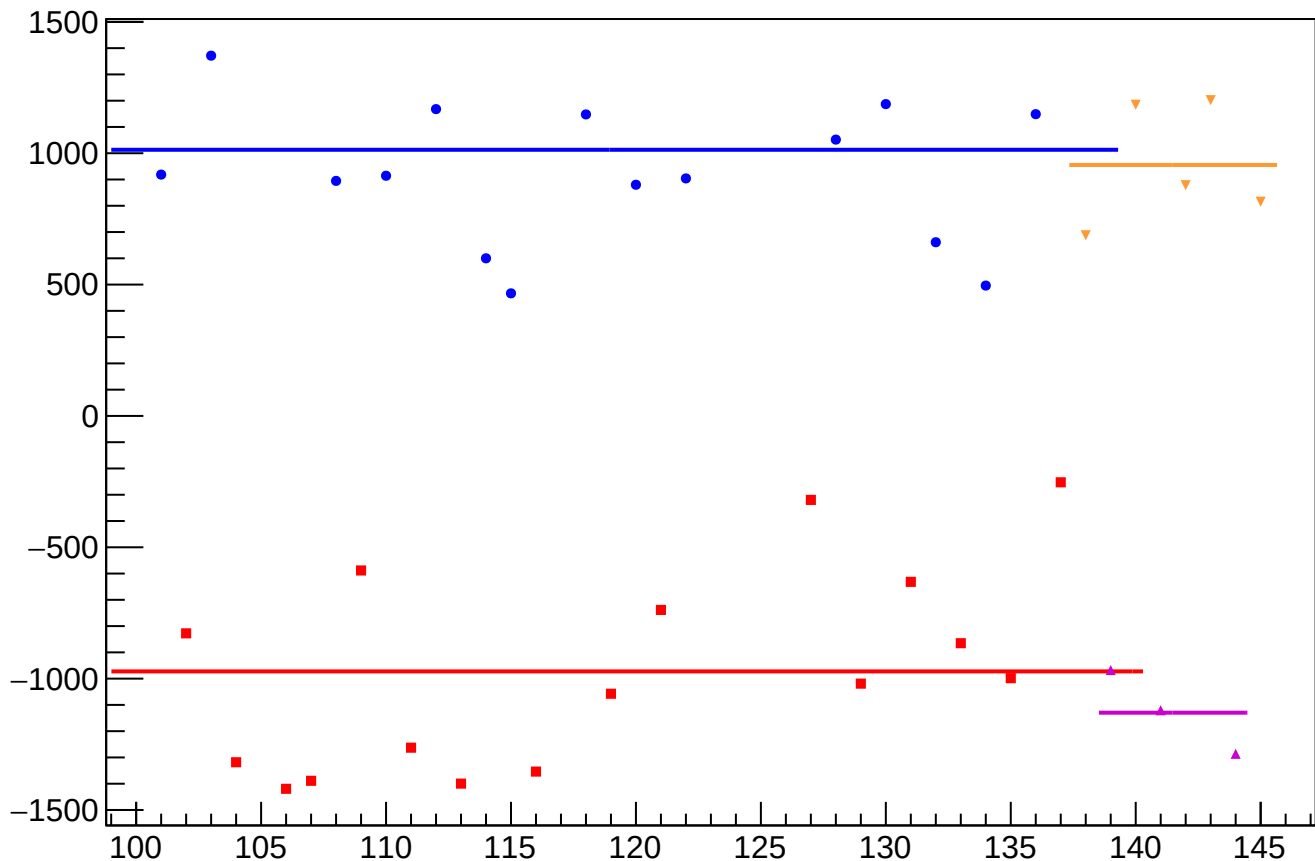
Right In: 4.785 $\pm$ 0.000 χ^2 /NDF: 3996556073154779711808159470321664.0/14
 Left Out: 5.893 $\pm$ 0.000 χ^2 /NDF: 615829559797201866448207685353472.0/4
 Right Out: -4.598 $\pm$ 0.000 χ^2 /NDF: 989607156792948633247632779640832.0/15
 Left In: -6.194 $\pm$ 0.000 χ^2 /NDF: 221204757307179606101012133183488.0/2
 All: 0.274 $\pm$ 0.000 χ^2 /NDF: 56615582714703

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14
 Left Out: 2.223+/-0.000 χ^2/NDF : 149467038164494527284922961362944.0/4
 Right Out: -5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15
 Left In: -2.064+/-0.000 χ^2/NDF : 9696951302921566163456835452928.0/2
 All: 0.142+/-0.000 χ^2/NDF : 7414069991814

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

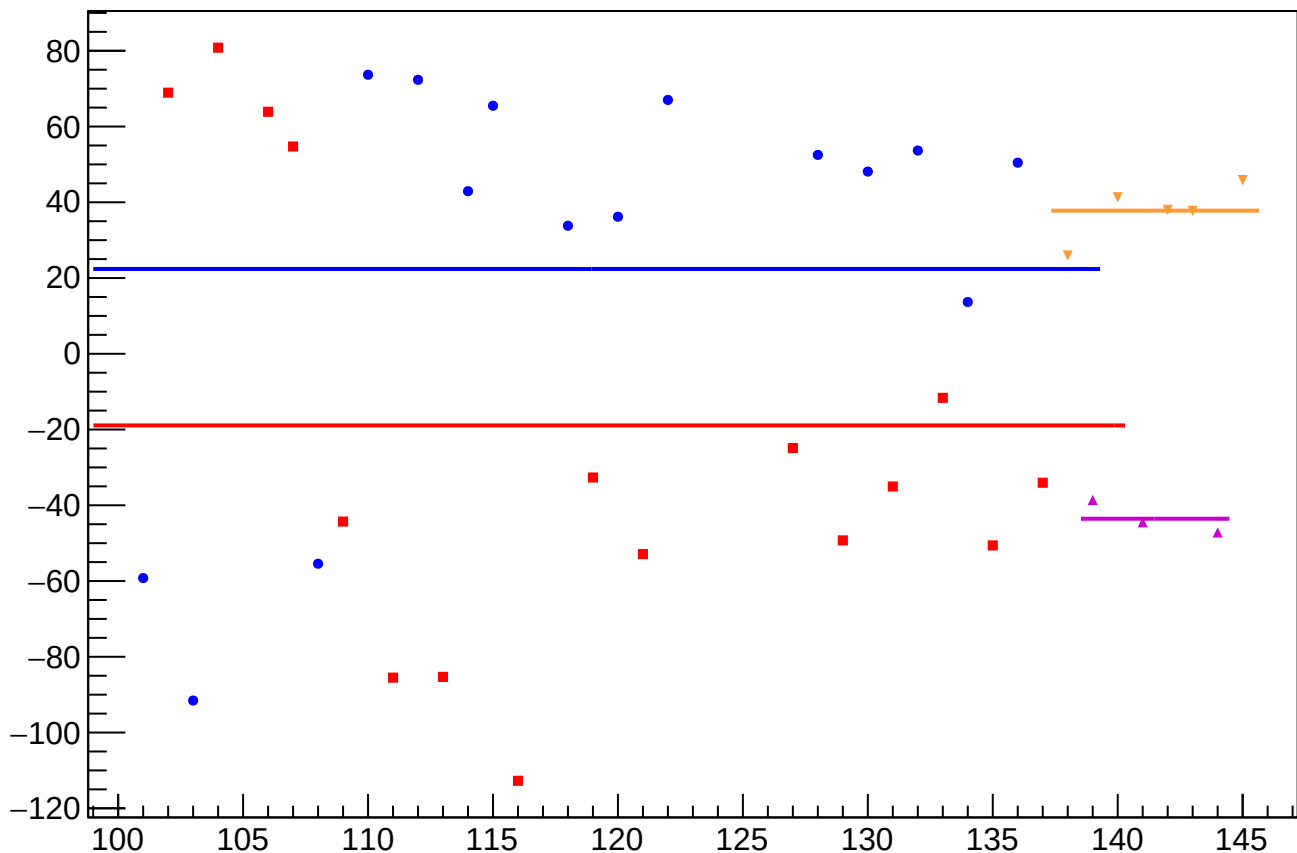
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 22.385+/-0.000

χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 37.798+/-0.000

χ^2/NDF : 17035021767270856748086762129063936.0/4

Right Out: -18.907+/-0.000

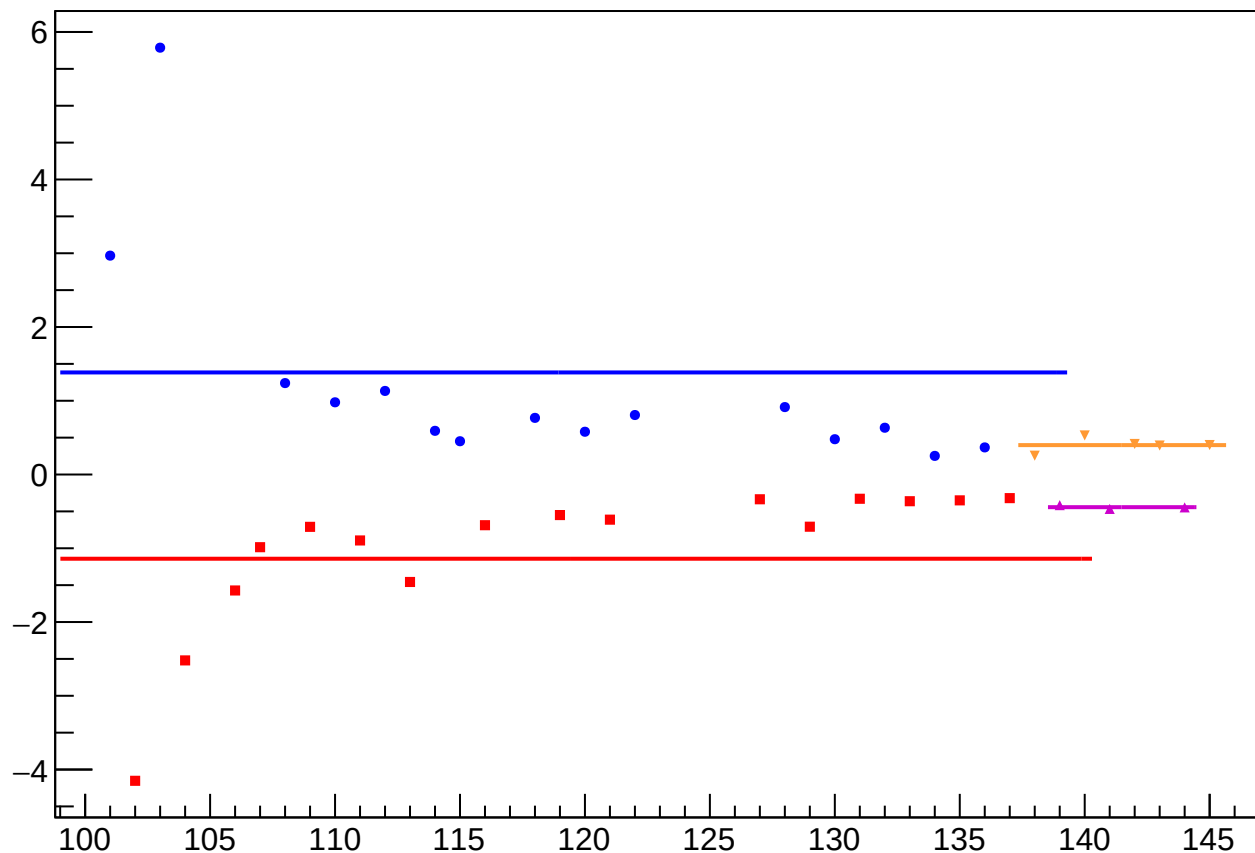
χ^2/NDF : 2182221808408156293593993992757837824.0/15

Left In: -43.547+/-0.000

χ^2/NDF : 323525886393998685509842984960000.0/2

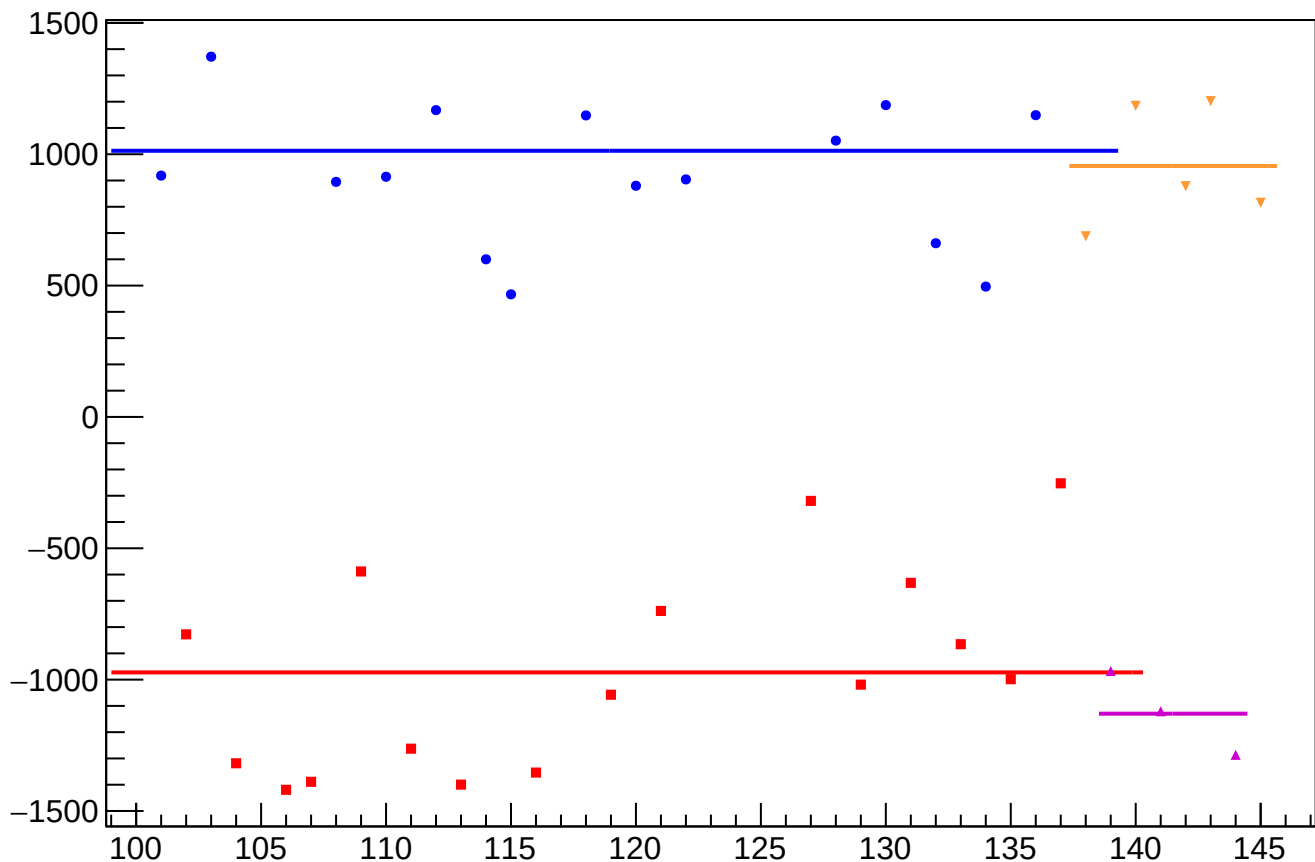
All: 2.122+/-0.000 χ^2/NDF : 56647572492586

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.399+/-0.000 χ^2/NDF : 3025779354246151782035305267200.0/4
 Right Out: -1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: -0.443+/-0.000 χ^2/NDF : 110172673139444850799564292096.0/2
 All: 0.085+/-0.000 χ^2/NDF : 45894699148246

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

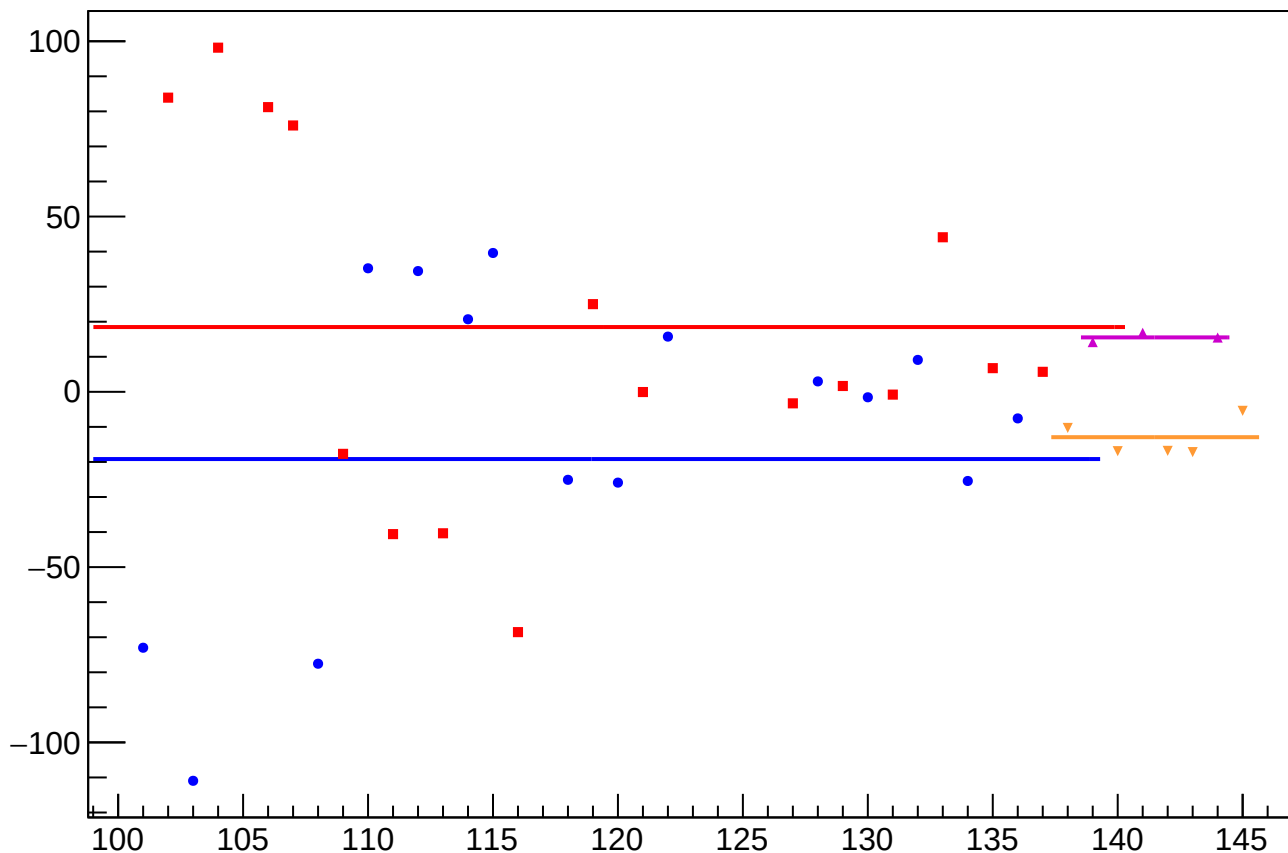
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175+/-0.000

Left Out: -12.938+/-0.000

Right Out: 18.479+/-0.000

Left In: 15.527+/-0.000

χ^2/NDF : 1246364705689764961102868160463241216.0/14

χ^2/NDF : 8172789728460722543748743786659840.0/4

χ^2/NDF : 1489398115046175180640331393369374720.0/15

χ^2/NDF : 295536079410646708967257394905088.0/2

Left: -0.960+/-0.000 χ^2/NDF : 12814006875046205

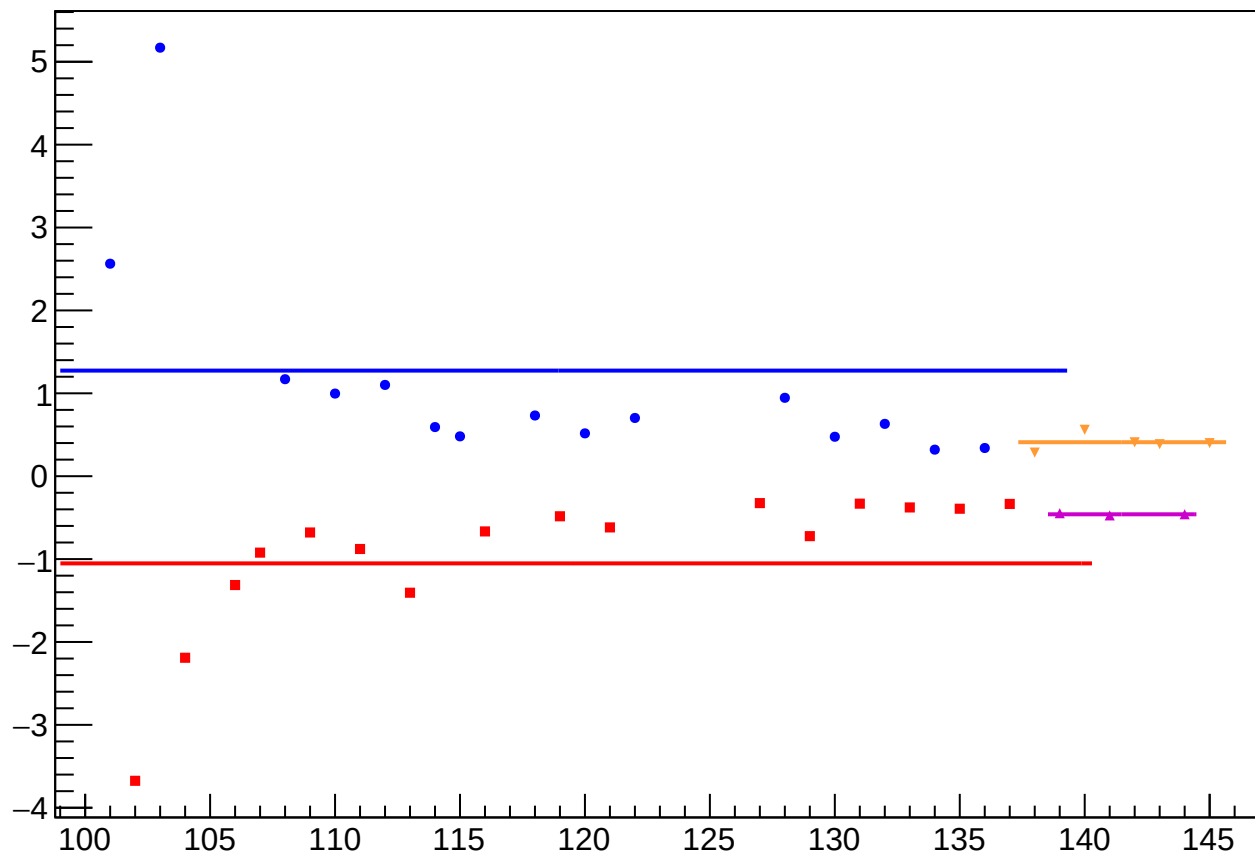
Right: -0.091+/-0.000 χ^2/NDF : 3202145485356183

In: -9.387+/-0.000 χ^2/NDF : 146711555945836870

Out: 7.647+/-0.000 χ^2/NDF : 172456872163443789

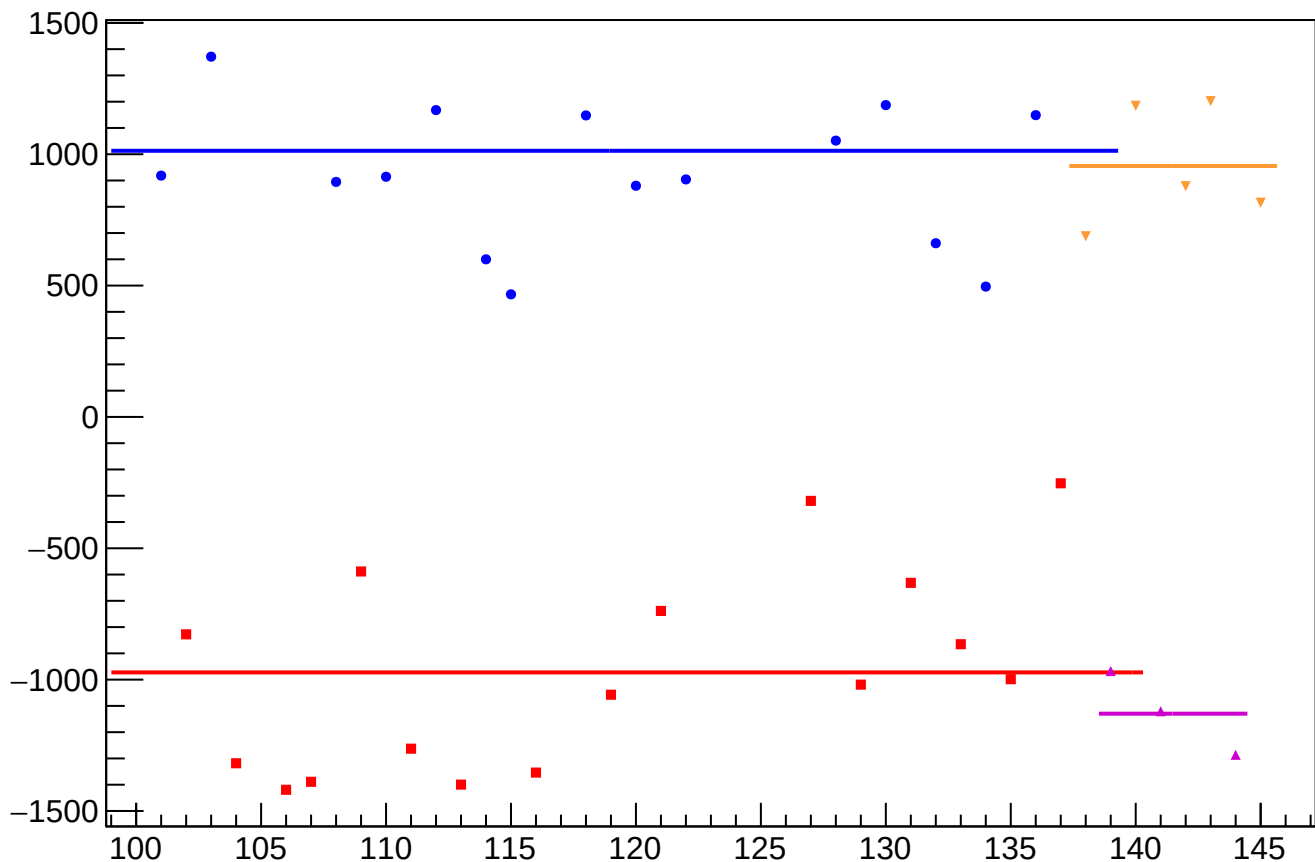
All: -0.365+/-0.000 χ^2/NDF : 3330599527286

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.044 +/- 0.000 χ^2/NDF : 11487604330838448
 Right In: 1.274 +/- 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Right: 0.095 +/- 0.000 χ^2/NDF : 35987328310324682
 Left Out: 0.410 +/- 0.000 χ^2/NDF : 3112694920105774092064282116096.0/4
 In: 0.785 +/- 0.000 χ^2/NDF : 176231609449060815
 Right Out: -1.052 +/- 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Out: -0.548 +/- 0.000 χ^2/NDF : 11019329167078972
 Left In: -0.460 +/- 0.000 χ^2/NDF : 28720050317074005817206767616.0/2
 All: 0.079 +/- 0.000 χ^2/NDF : 37146918274197

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

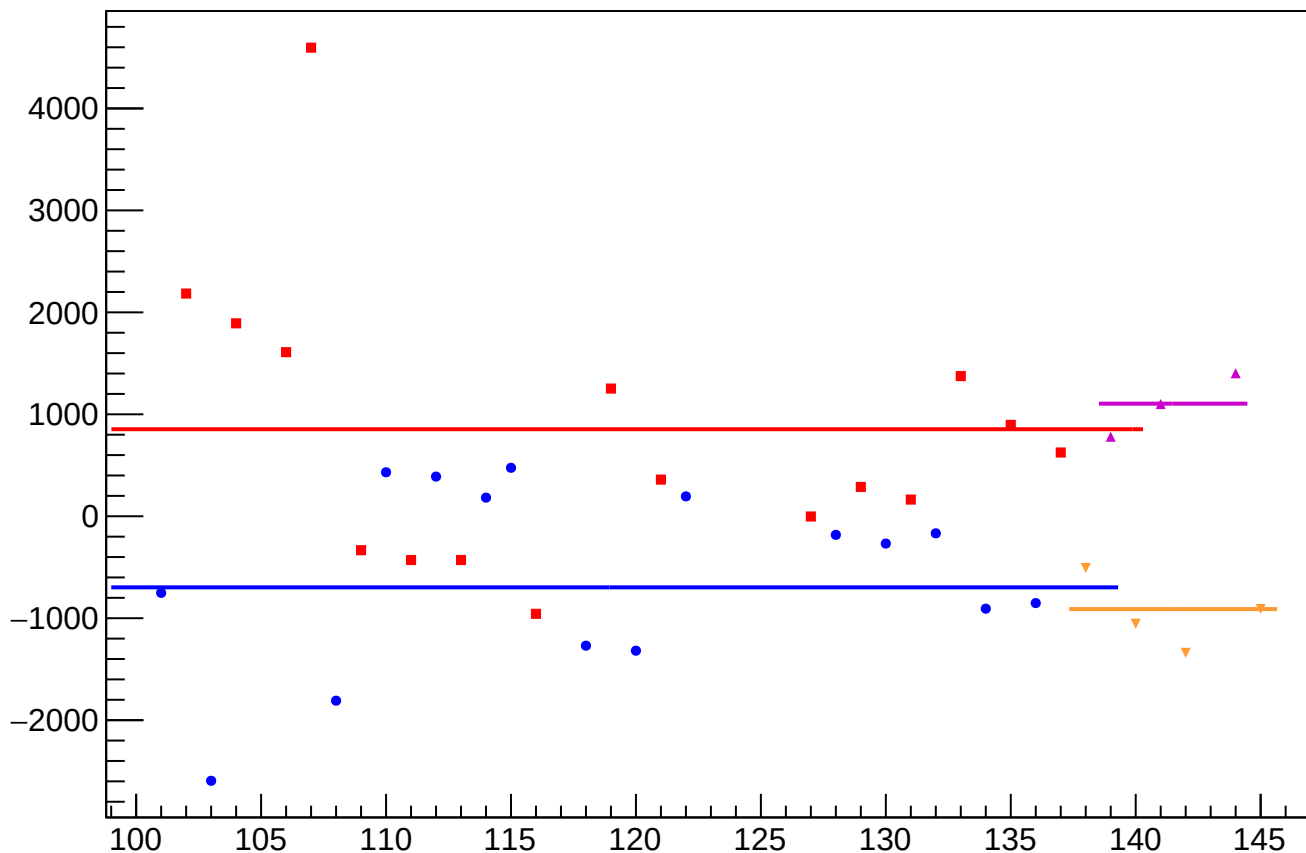
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: -697.283+/-0.000

Left Out: -910.490+/-0.000

Right Out: 853.734+/-0.000

Left In: 1104.427+/-0.000

χ^2/NDF : 490435790698133828475769692944364208128.0/14

χ^2/NDF : 22820128091534136851869491389989388288.0/3

χ^2/NDF : 1078379020126412317155932275156201766912.0/15

χ^2/NDF : 16436556675027648085600110196018905088.0/2

Left: 42.764+/-0.000 χ^2/NDF : 58474289179742018

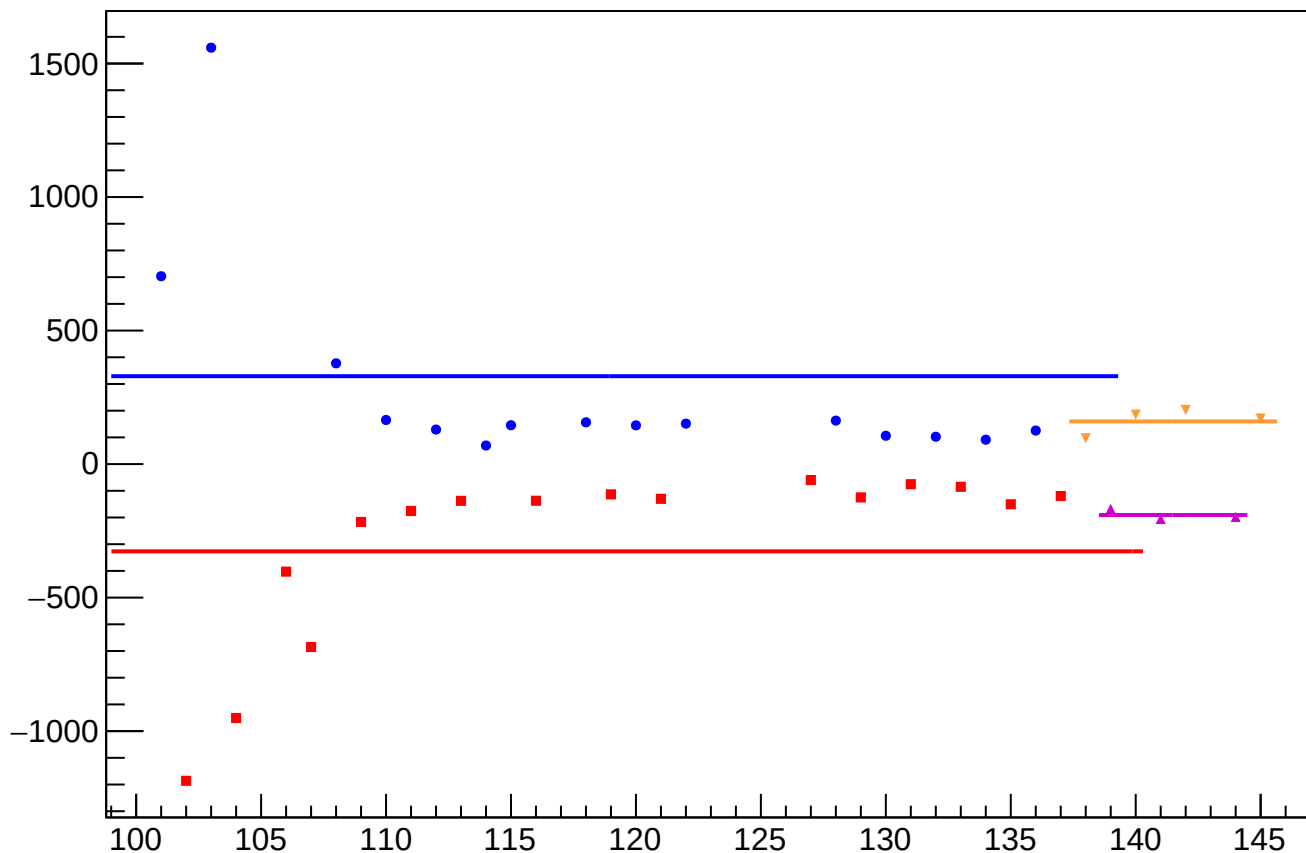
Right: 88.833+/-0.000 χ^2/NDF : 2360125827736184

In: -189.057+/-0.000 χ^2/NDF : 1101145075565328

Out: 326.878+/-0.000 χ^2/NDF : 1721169206749647

All: 75.447+/-0.000 χ^2/NDF : 2945680271892

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 329.108 +/- 0.000

χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left: -6.074 +/- 0.000 χ^2/NDF : 17031459639698338

Right: -3.278 +/- 0.000 χ^2/NDF : 3459018192319126

Left Out: 159.758 +/- 0.000

χ^2/NDF : 455784408933815277867905433064177664.0/3

In: 182.463 +/- 0.000 χ^2/NDF : 16640900887565673

Right Out: -326.695 +/- 0.000

χ^2/NDF : 87569123354318020688611028415151079424.0/15

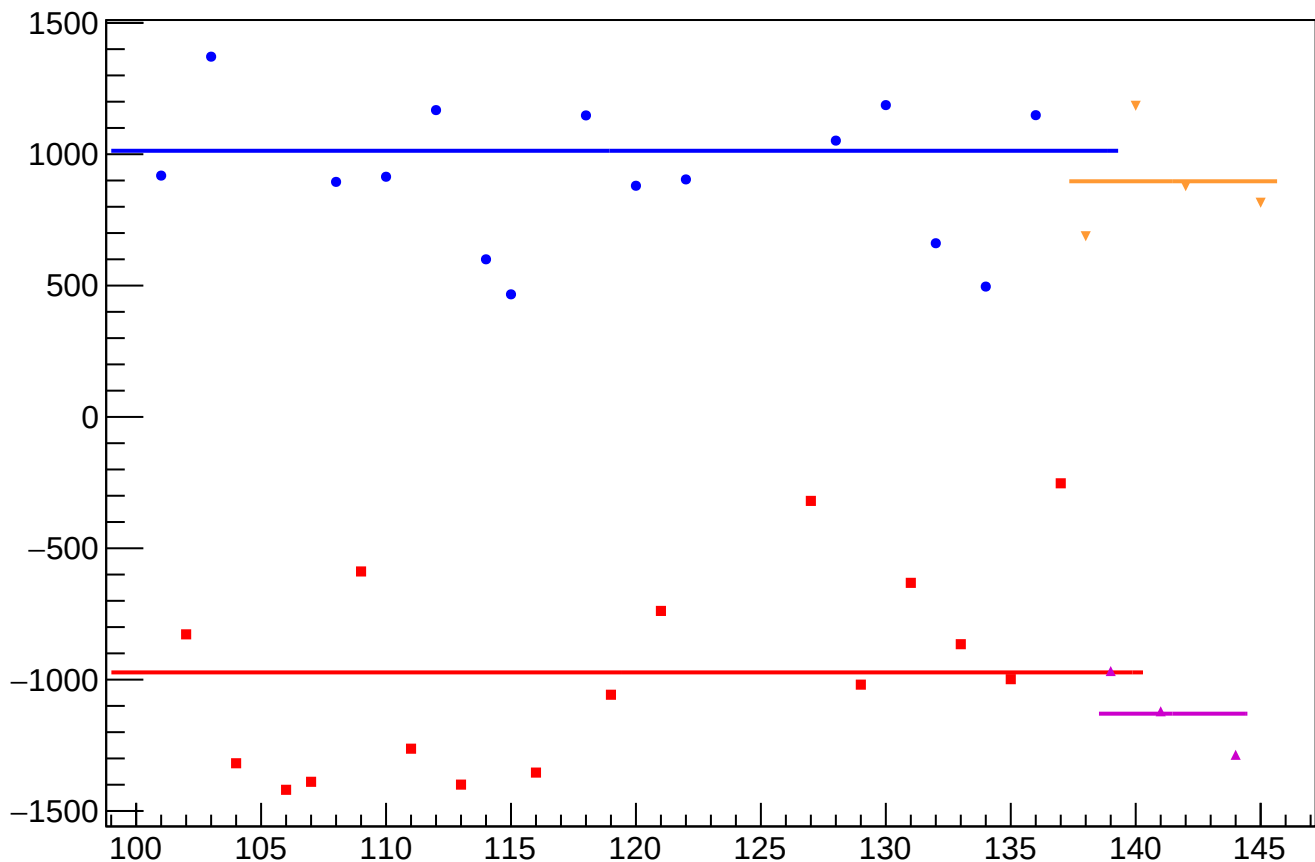
Out: -181.424 +/- 0.000 χ^2/NDF : 135159965730380

Left In: -190.764 +/- 0.000

χ^2/NDF : 67463819427603264875972300208340992.0/2

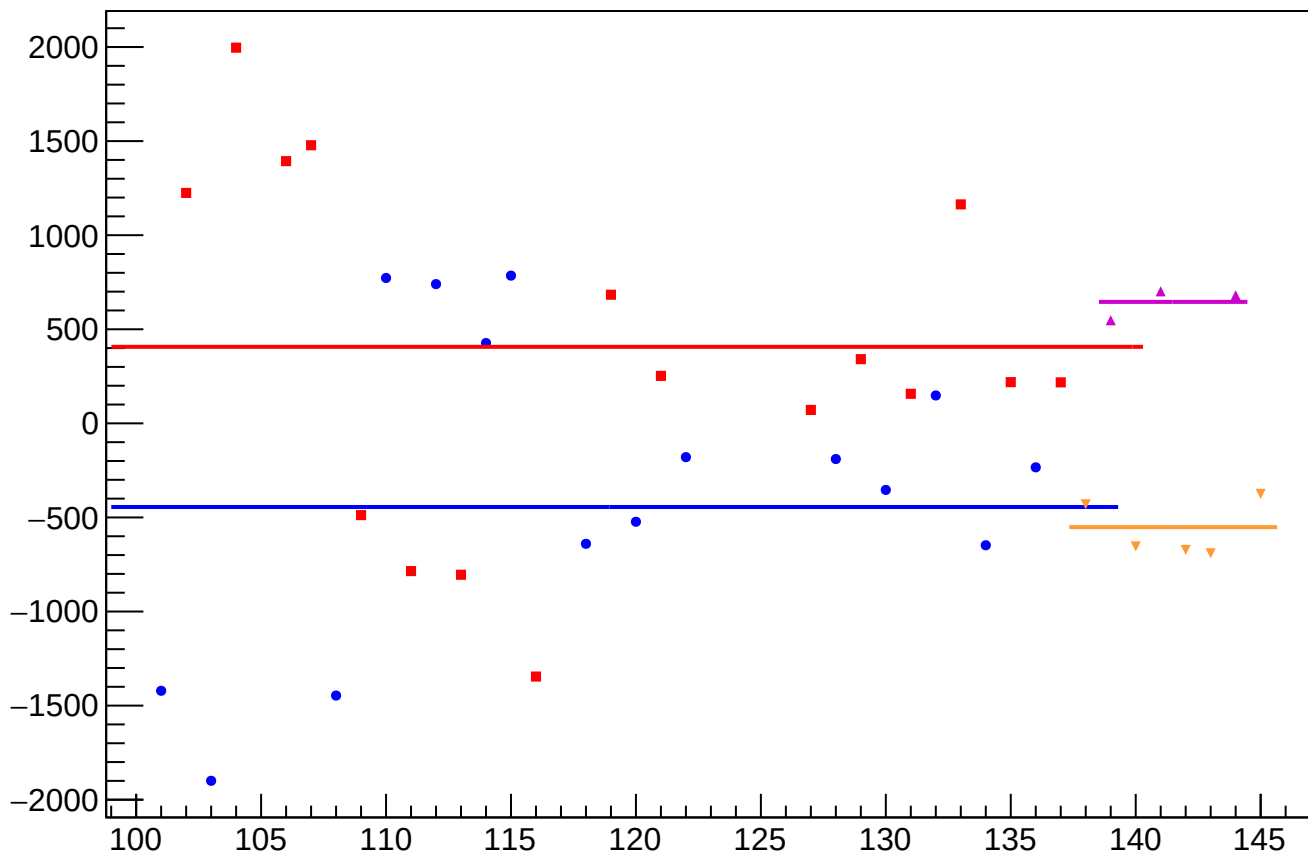
All: -4.091 +/- 0.000 χ^2/NDF : 3629362669609

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 897.060+/-0.000 χ^2/NDF : 10726398795443293599932098501085757440.0/3
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1129.600+/-0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2
 All: -13.146+/-0.000 χ^2/NDF : 197620195342

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -444.512+/-0.000

χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -551.655+/-0.000

χ^2/NDF : 6419241763909422808881951512364843008.0/4

Right Out: 406.729+/-0.000

χ^2/NDF : 529122421866774810012941782239129108480.0/15

Left In: 645.535+/-0.000

χ^2/NDF : 1146981281597485807343383383472340992.0/2

Left: -47.887+/-0.000 χ^2/NDF : 2192565737846672

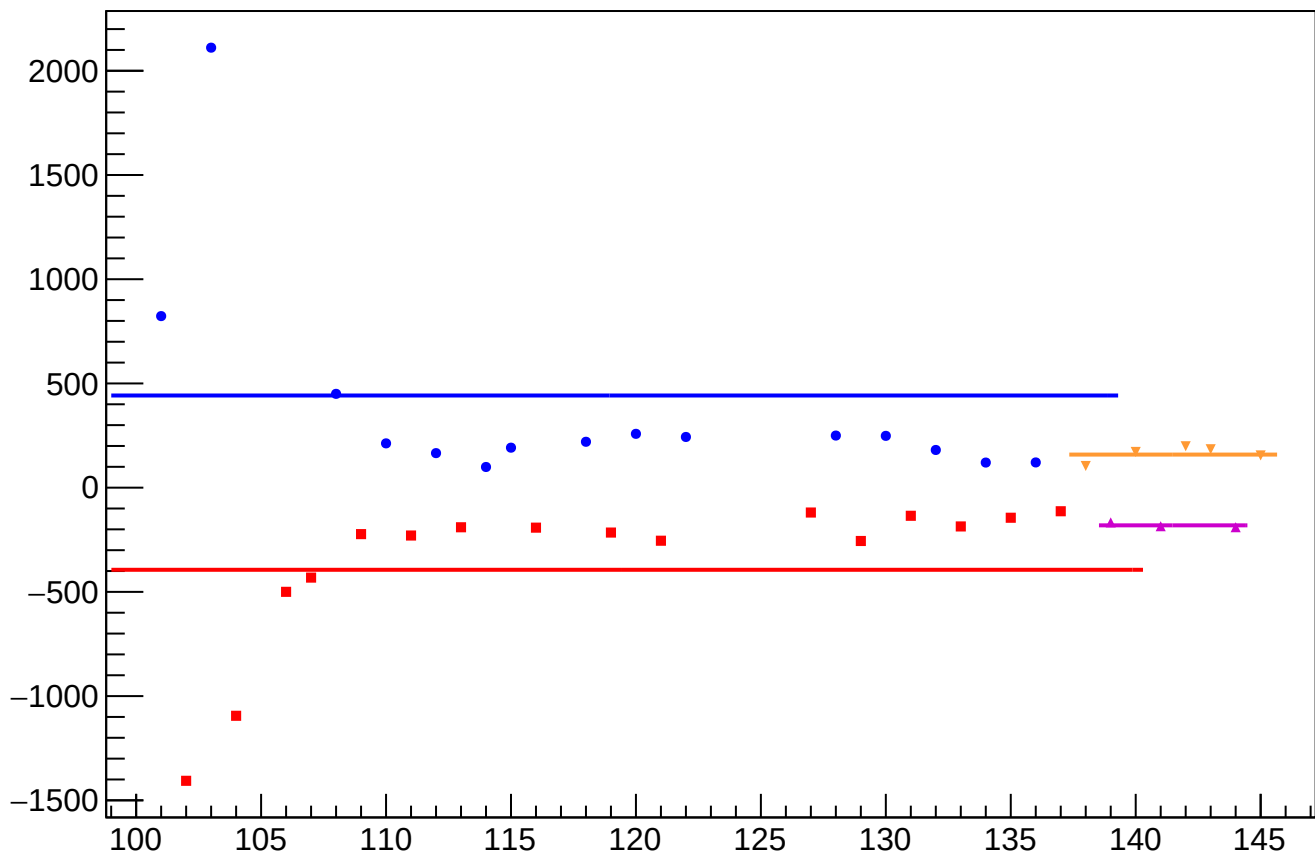
Right: -13.070+/-0.000 χ^2/NDF : 116395703795034

In: -137.032+/-0.000 χ^2/NDF : 6151527327014611

Out: 76.284+/-0.000 χ^2/NDF : 74677620419801373

All: -24.048+/-0.000 χ^2/NDF : 138371661113

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 442.162+/-0.000

χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 158.700+/-0.000

χ^2/NDF : 365123197872460366620571513695240192.0/4

Right Out: -394.033+/-0.000

χ^2/NDF : 105882611624182009489804426207740035072.0/15

Left In: -180.775+/-0.000

χ^2/NDF : 24776377561864512511852832240959488.0/2

Left: 15.852+/-0.000 χ^2/NDF : 17411110027740197

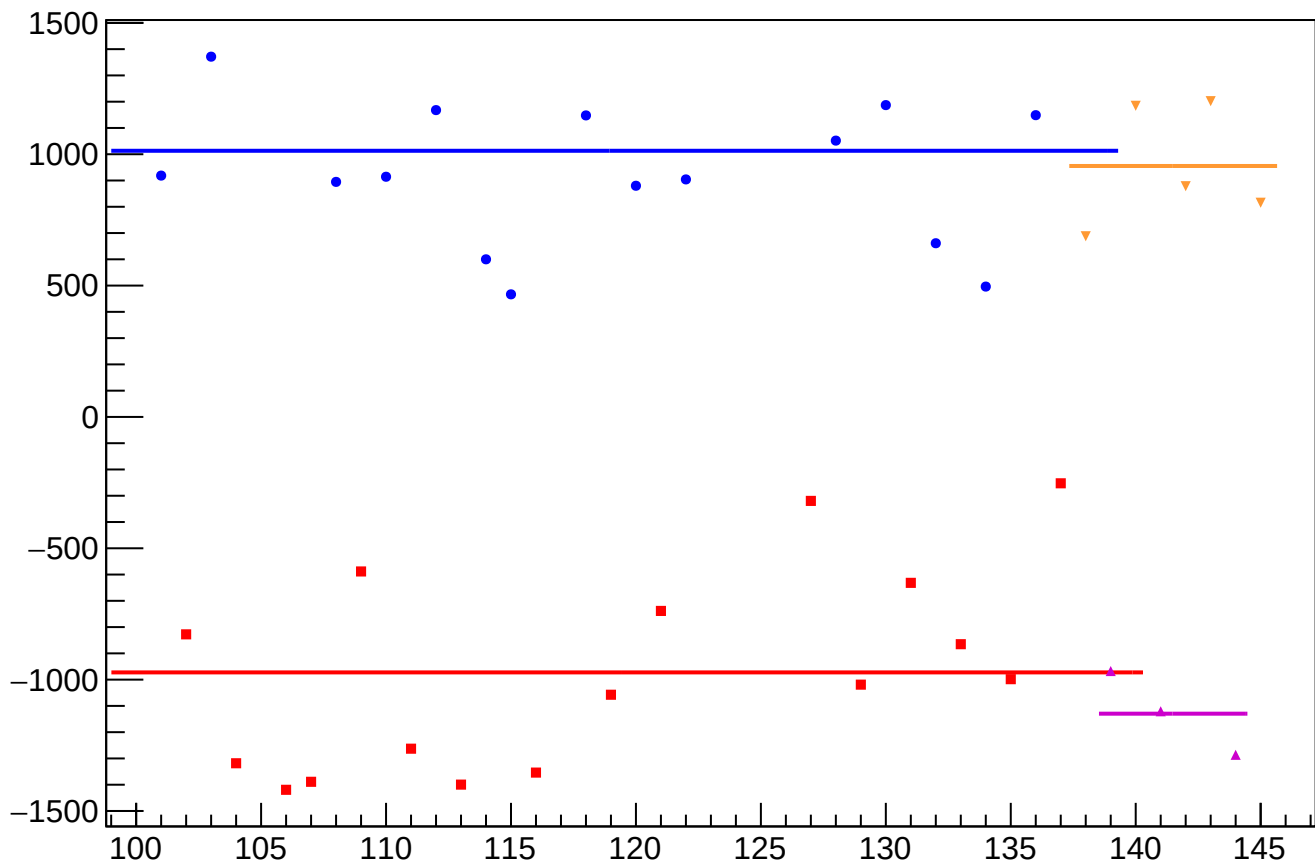
Right: 18.346+/-0.000 χ^2/NDF : 5398999467995186

In: 266.444+/-0.000 χ^2/NDF : 27508103012450001

Out: -203.454+/-0.000 χ^2/NDF : 176509194675546

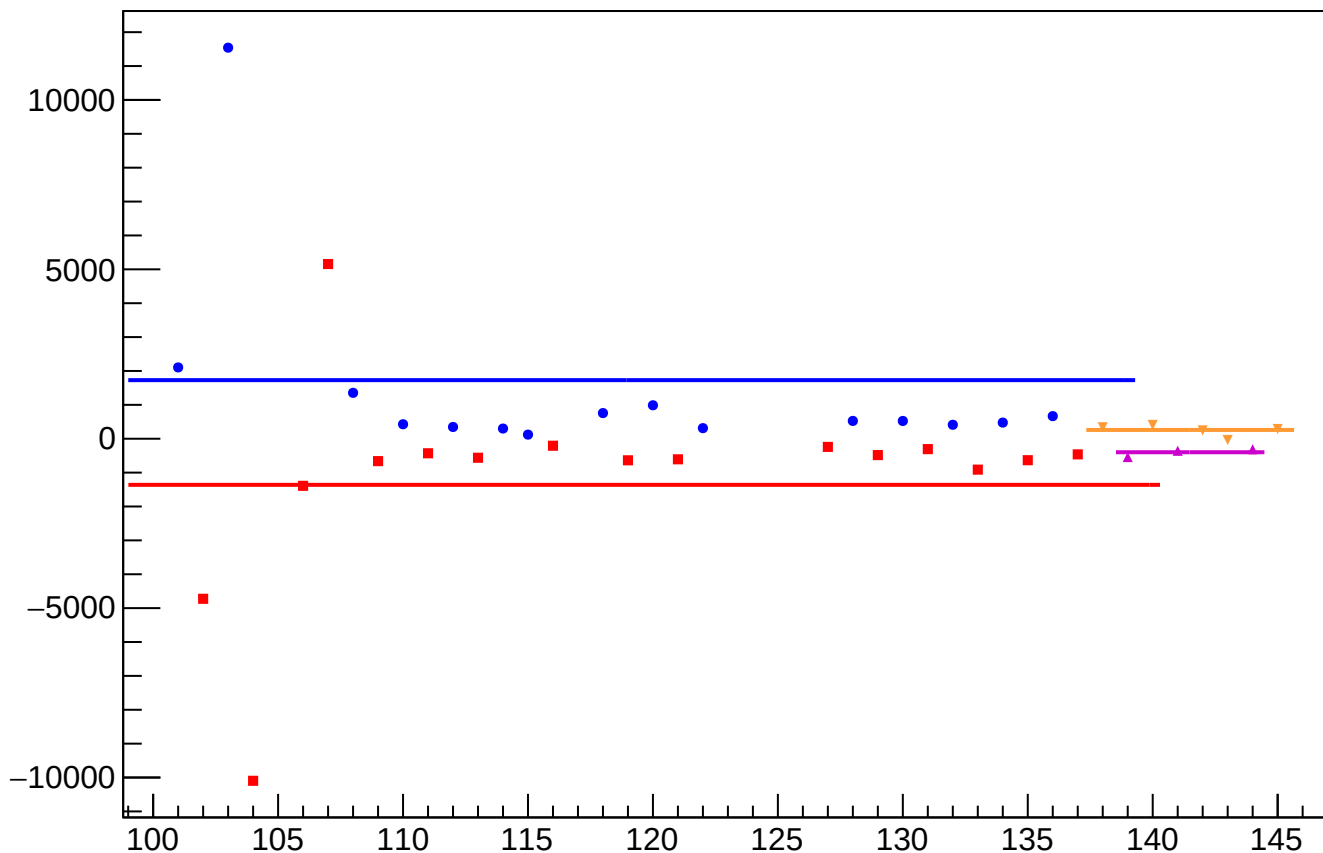
All: 17.559+/-0.000 χ^2/NDF : 5573136372313

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



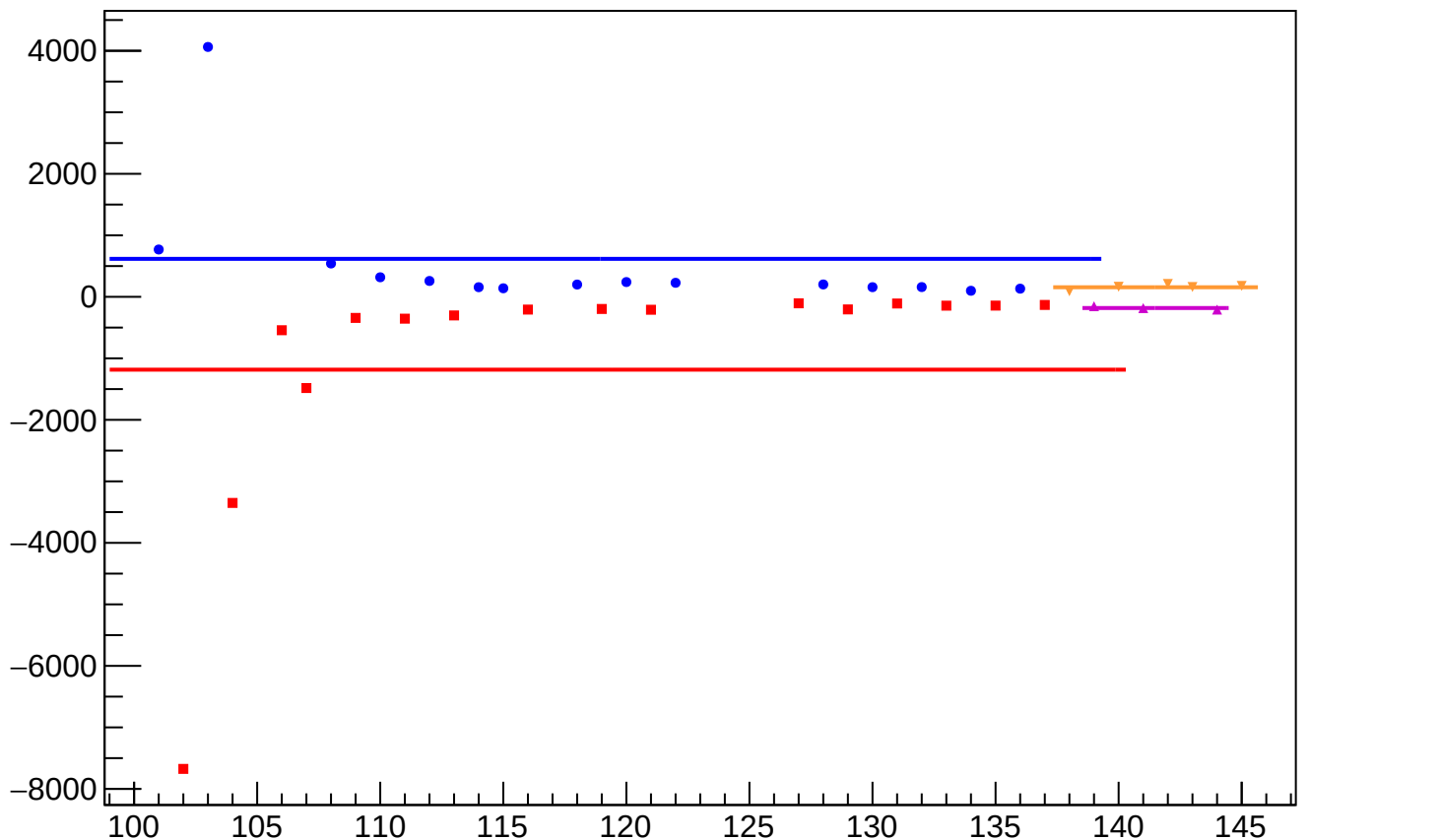
Right In: 1013.146 $\pm$ 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 955.265 $\pm$ 0.000 χ^2/NDF : 15766888186948653589984415078017925120.0/4
 Right Out: -972.465 $\pm$ 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 $\pm$ 0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2
 All: 29.213 $\pm$ 0.000 χ^2/NDF : 2071681702276

dit_atl1_coil6_mean vs Slug, Sign Corrected



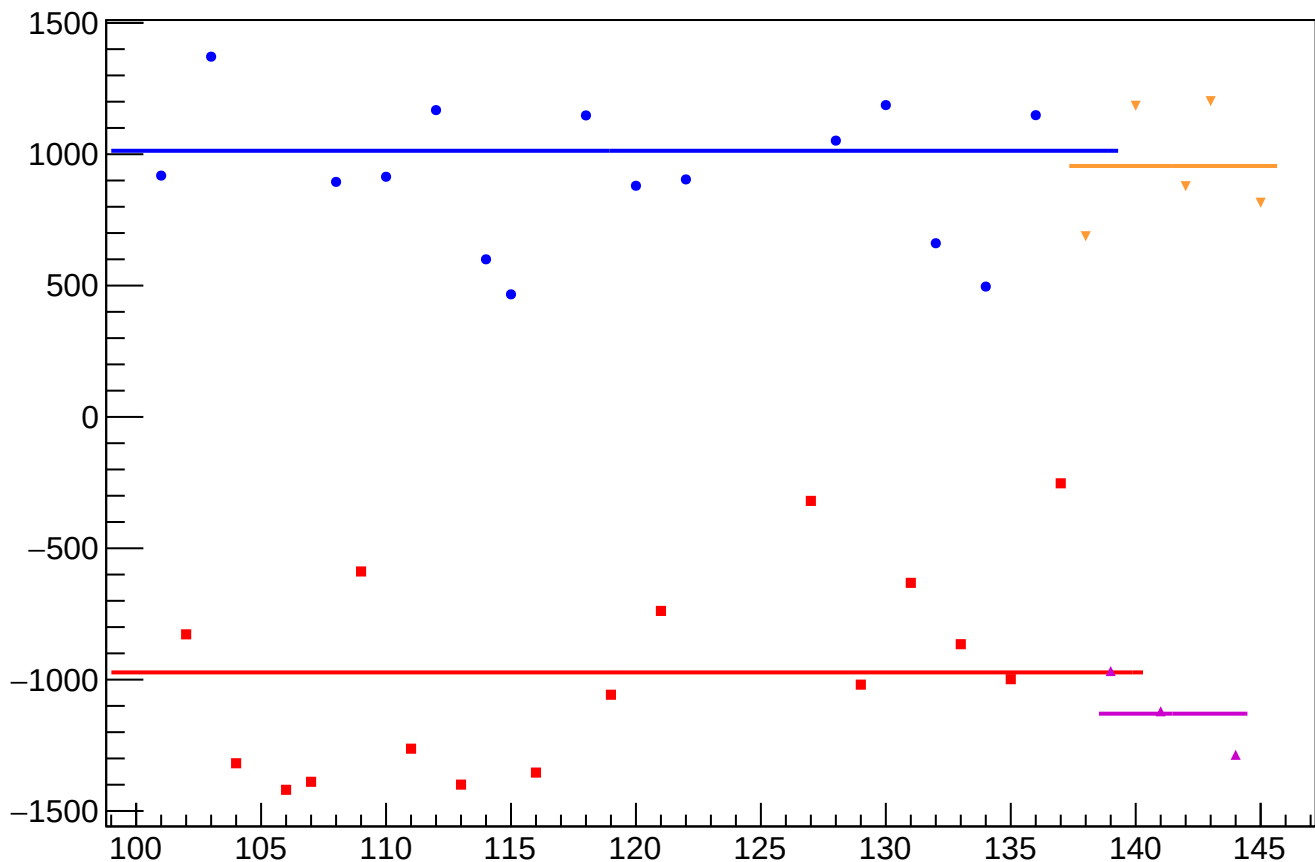
Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 259.673+/-0.000 χ^2/NDF : 8231601593966653487894297998109179904.0/4
 Right Out: -1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: -398.680+/-0.000 χ^2/NDF : 2470234444158006634507417512285569024.0/2
 All: 106.078+/-0.000 χ^2/NDF : 16073519288

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14
 Left Out: 155.547+/-0.000 χ^2/NDF : 506066548911031591809838836447444992.0/4
 Right Out: -1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15
 Left In: -181.915+/-0.000 χ^2/NDF : 127049271689624373172045095393820672.0/2
 All: -198.272+/-0.000 χ^2/NDF : 50846841779

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 955.265+/-0.000

Right Out: -972.465+/-0.000

Left In: -1129.600+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 15766888186948653589984415078017925120.0/4

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

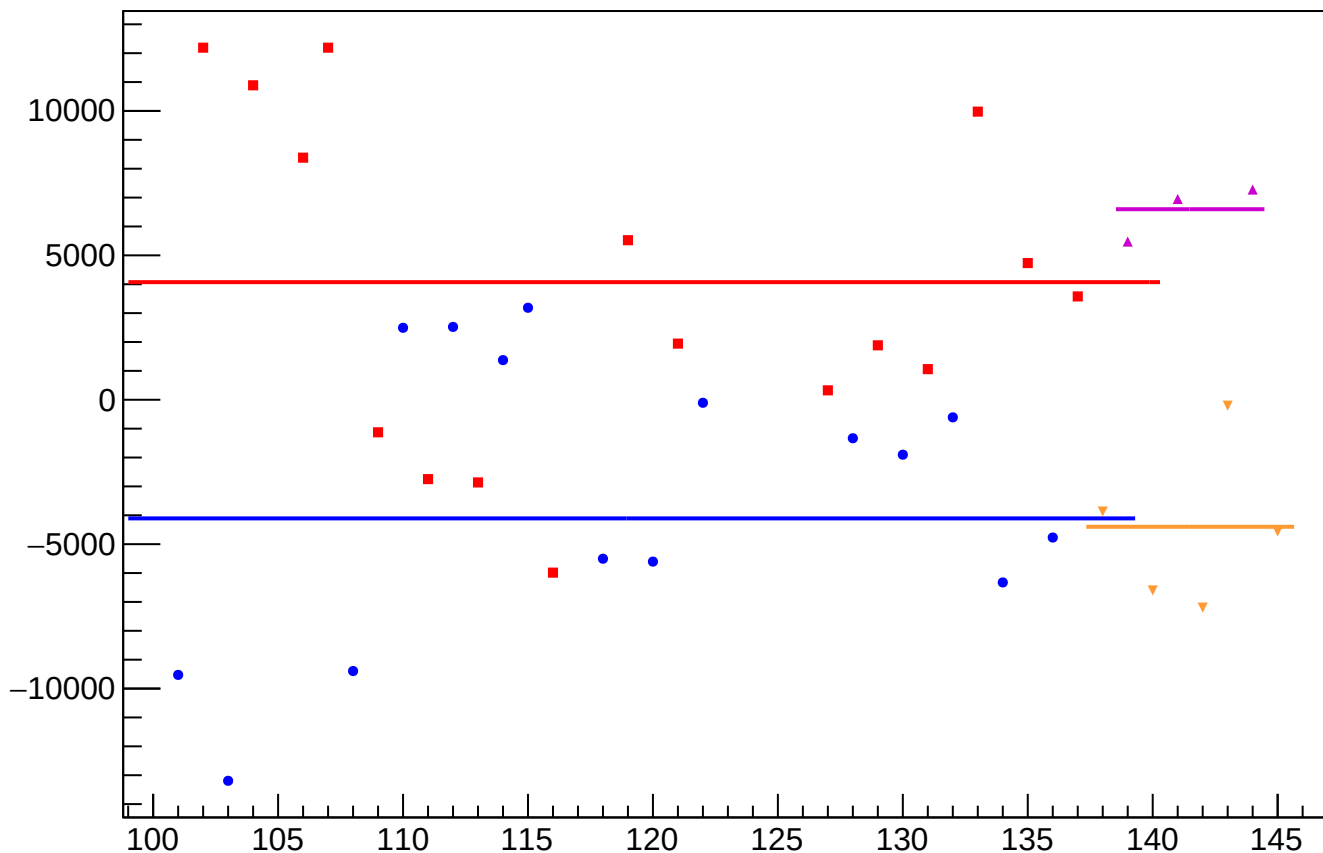
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: -4107.443+/-0.000

Left Out: -4398.286+/-0.000

Right Out: 4072.120+/-0.000

Left In: 6597.505+/-0.000

χ^2/NDF : 14527436324982031454277780831211819630592.0/14

χ^2/NDF : 1960867353200643364363809447370226139136.0/4

χ^2/NDF : 20367171423690168095778854678764929941504.0/15

χ^2/NDF : 153494296879791765949353558577432756224.0/2

Left: 228.656+/-0.000 χ^2/NDF : 1997214559015664

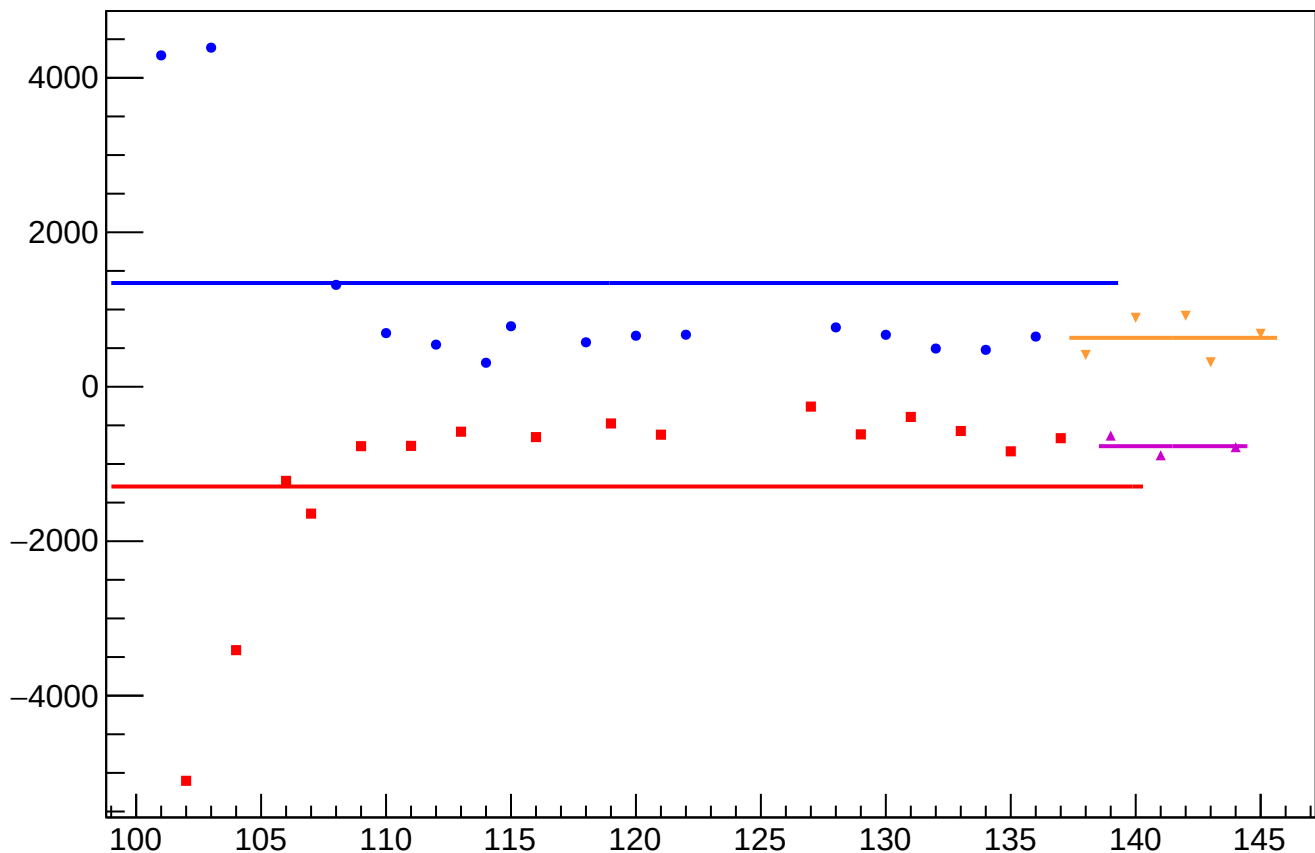
Right: 38.278+/-0.000 χ^2/NDF : 5690231407009786

In: -1087.795+/-0.000 χ^2/NDF : 356599671302051

Out: 1151.577+/-0.000 χ^2/NDF : 388284028478397

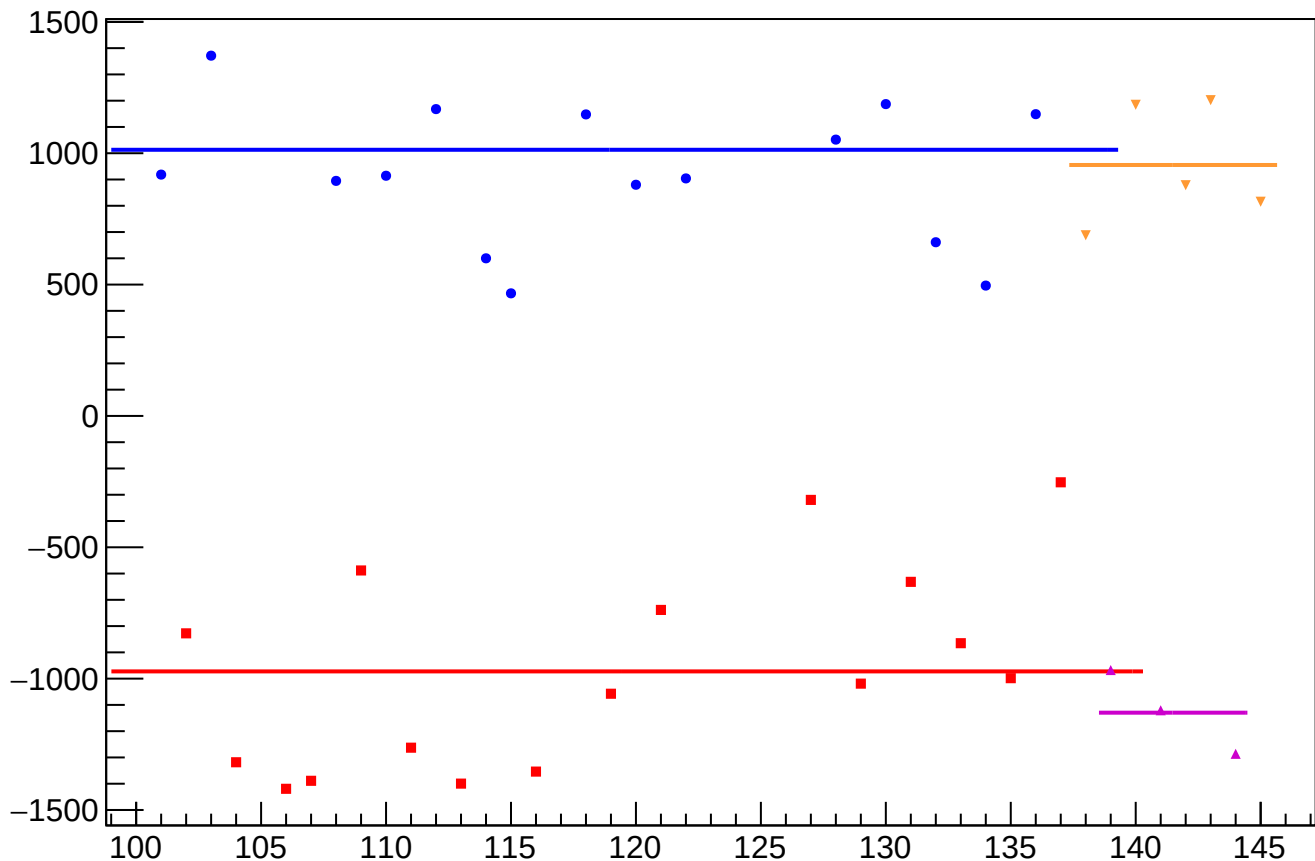
All: 98.303+/-0.000 χ^2/NDF : 7688949835905

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 633.278+/-0.000 χ^2/NDF : 20019501323473376089893690298314260480.0/4
 Right Out: -1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: -769.558+/-0.000 χ^2/NDF : 2708862486246207789197284037506367488.0/2
 All: 18.850+/-0.000 χ^2/NDF : 5239050280286

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

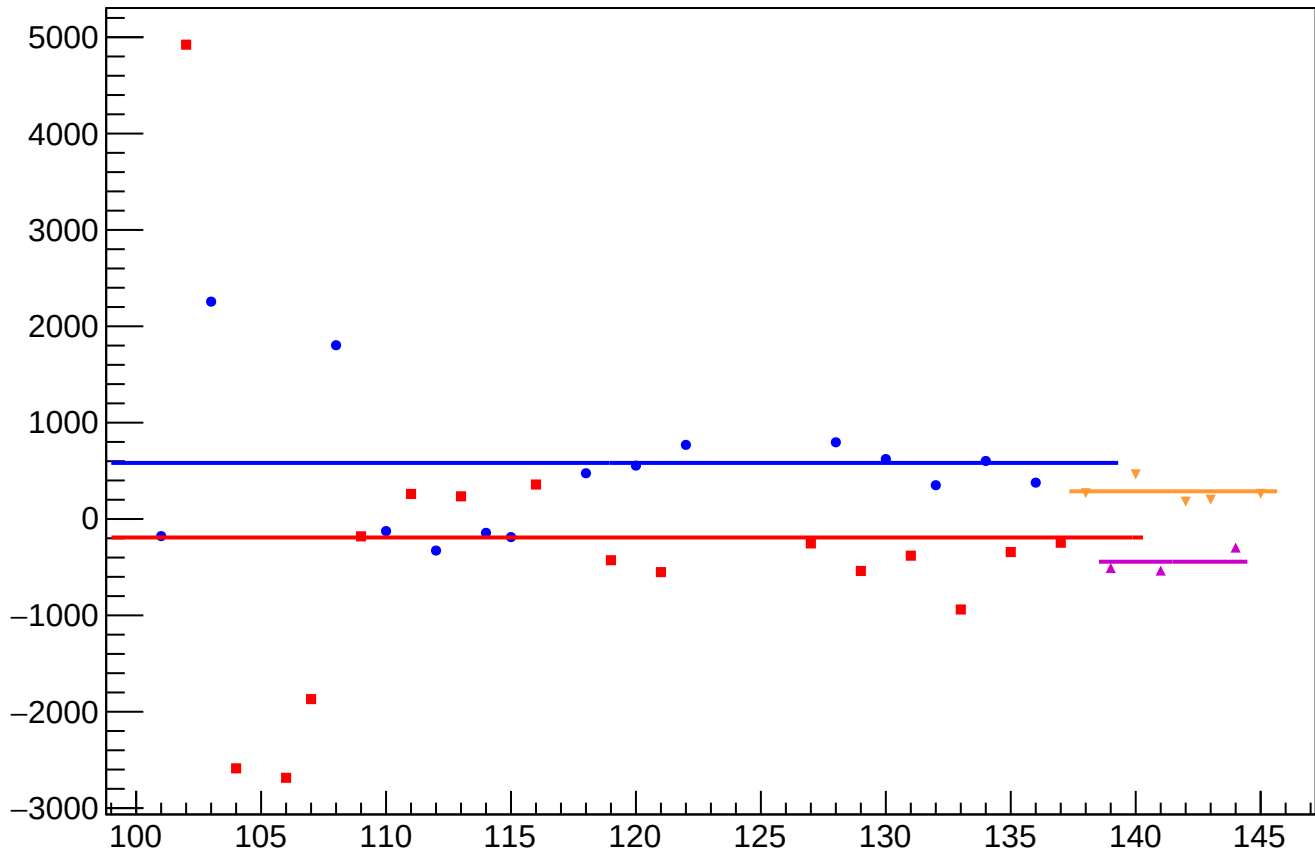
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 582.390+/-0.000

χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 287.486+/-0.000

χ^2/NDF : 3681618976627696095891304675534700544.0/4

Right Out: -191.587+/-0.000

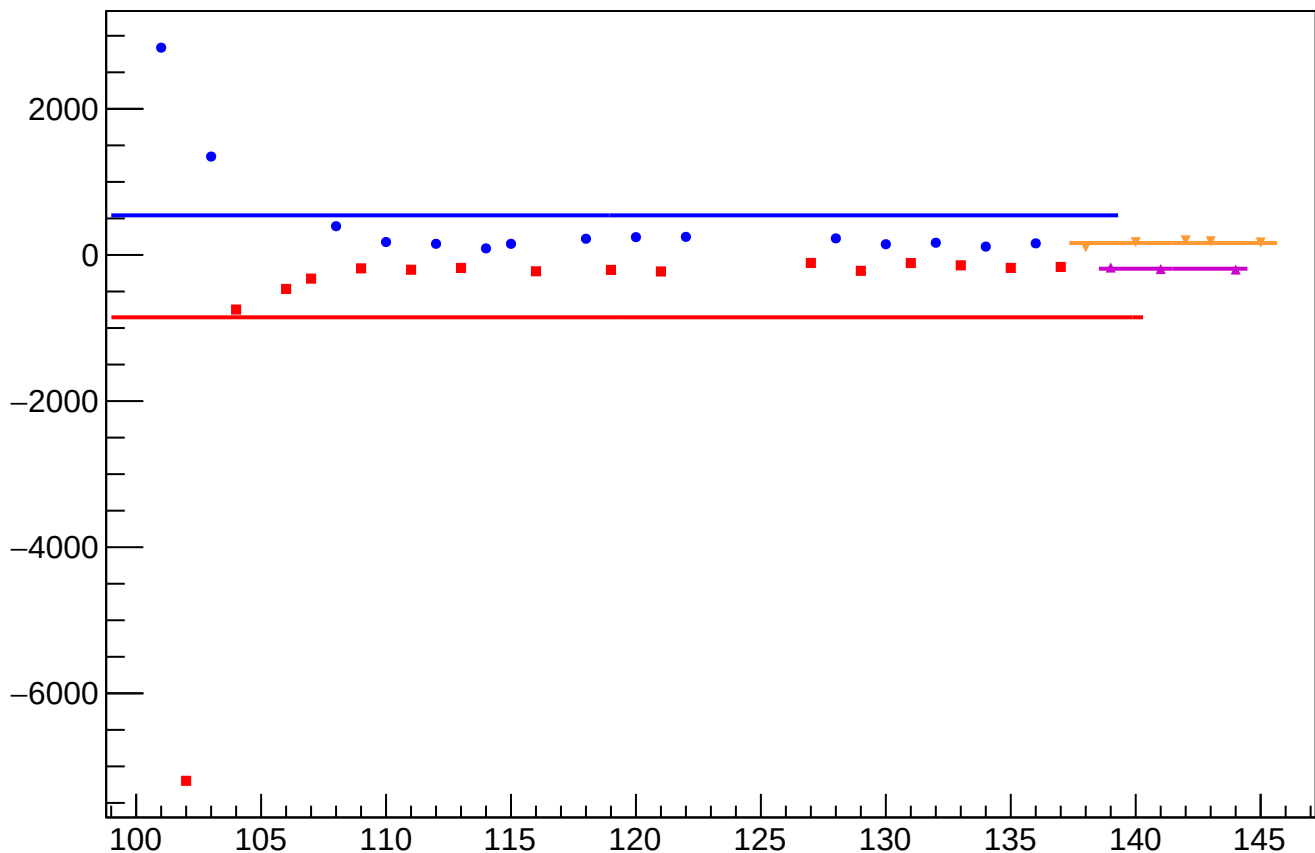
χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: -443.146+/-0.000

χ^2/NDF : 2984134420788790881552283119665545216.0/2

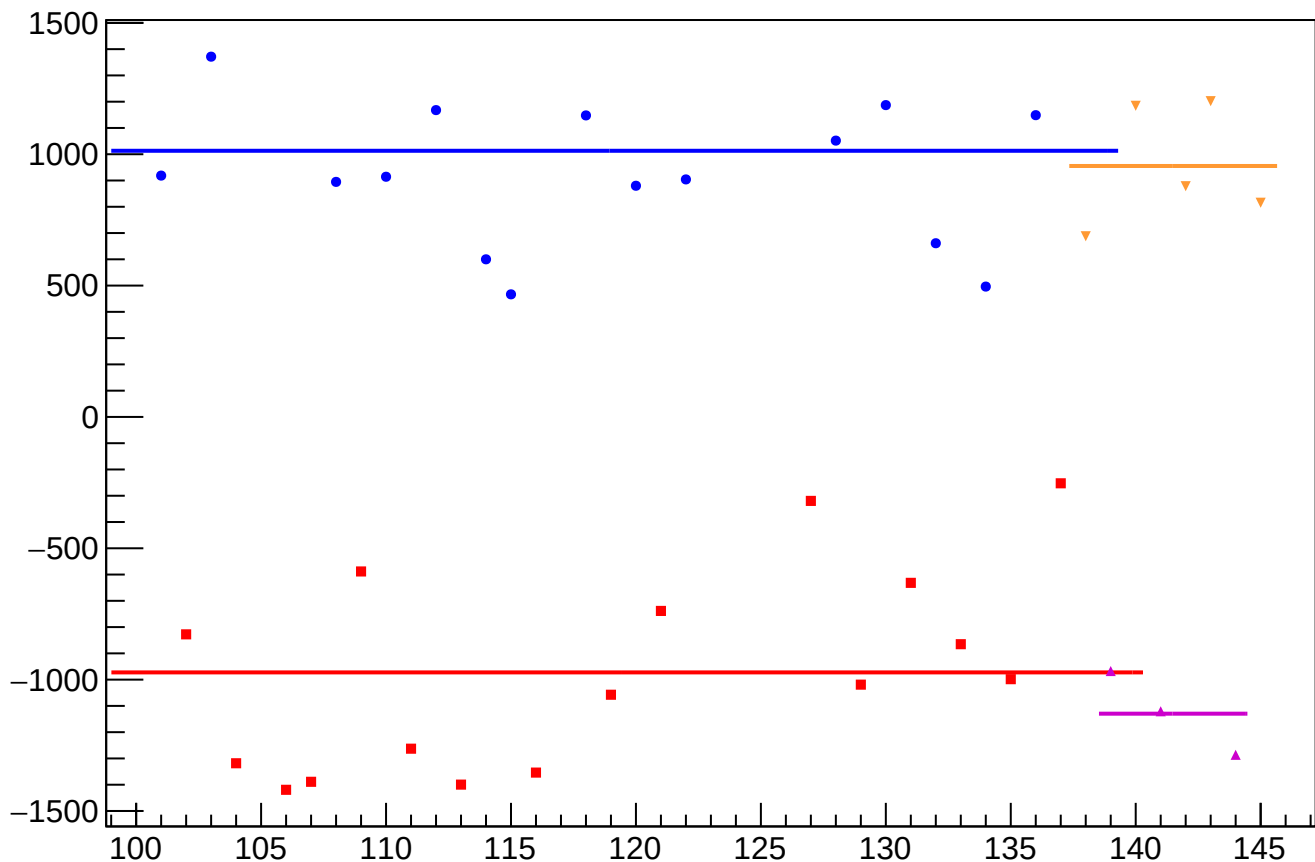
All: 123.875+/-0.000 χ^2/NDF : 280842651585

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



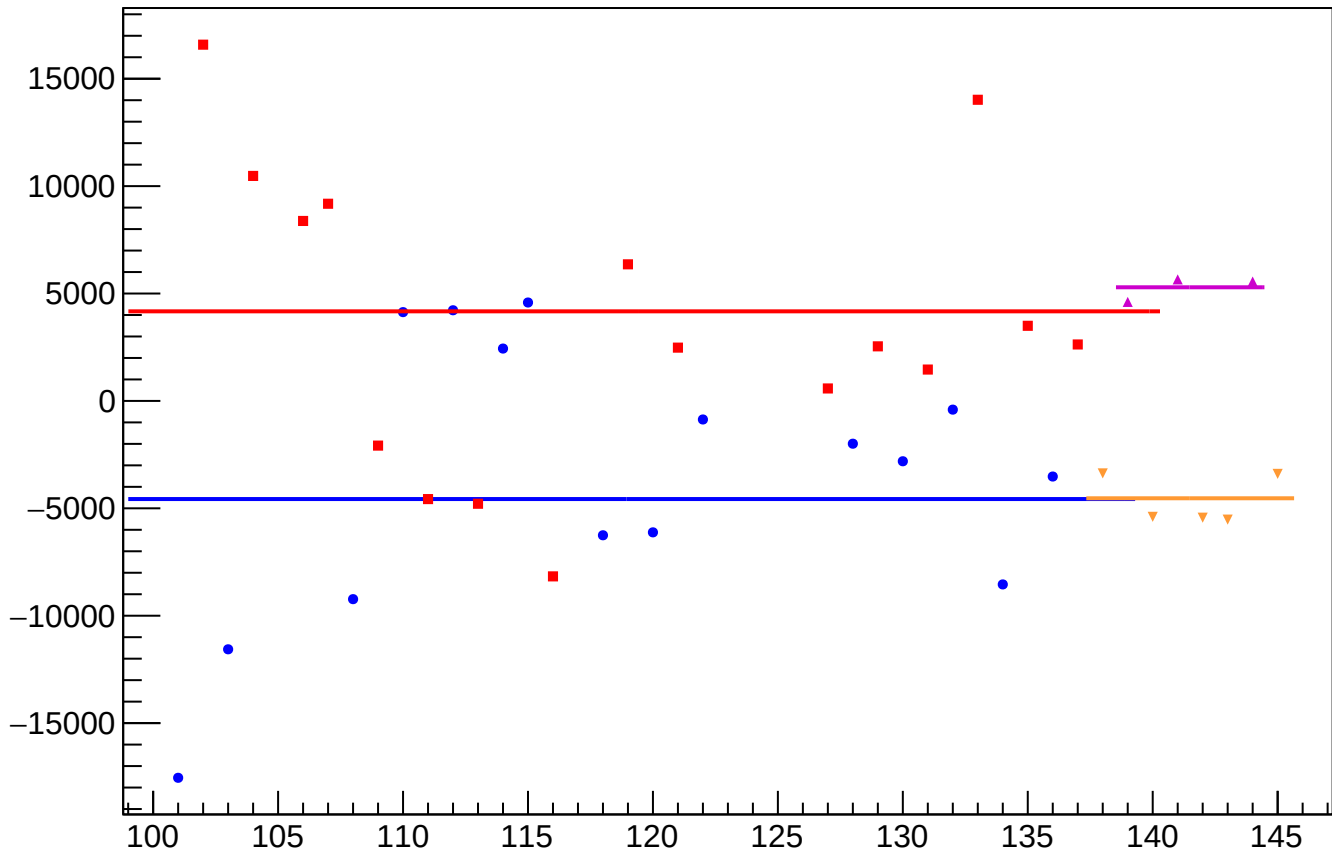
Right In: 542.328 +/- 0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 Left Out: 163.546 +/- 0.000 χ^2/NDF : 393358037246494179467810829833863168.0/4
 Right Out: -853.203 +/- 0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Left In: -188.260 +/- 0.000 χ^2/NDF : 34554565144422949382528334770995200.0/2
 All: -108.074 +/- 0.000 χ^2/NDF : 36612900611

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 955.265 $\pm$ 0.000 χ^2 /NDF: 15766888186948653589984415078017925120.0/4
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 $\pm$ 0.000 χ^2 /NDF: 4322028015098784947615018931883868160.0/2
 All: 29.213 $\pm$ 0.000 χ^2 /NDF: 2071681702276

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297 $\pm$ 0.000

χ^2/NDF : 24195052148165719540713110921977756909568.0/14

Left Out: -4532.575 $\pm$ 0.000

χ^2/NDF : 370169766465481573380859623126410985472.0/4

Right Out: 4170.773 $\pm$ 0.000

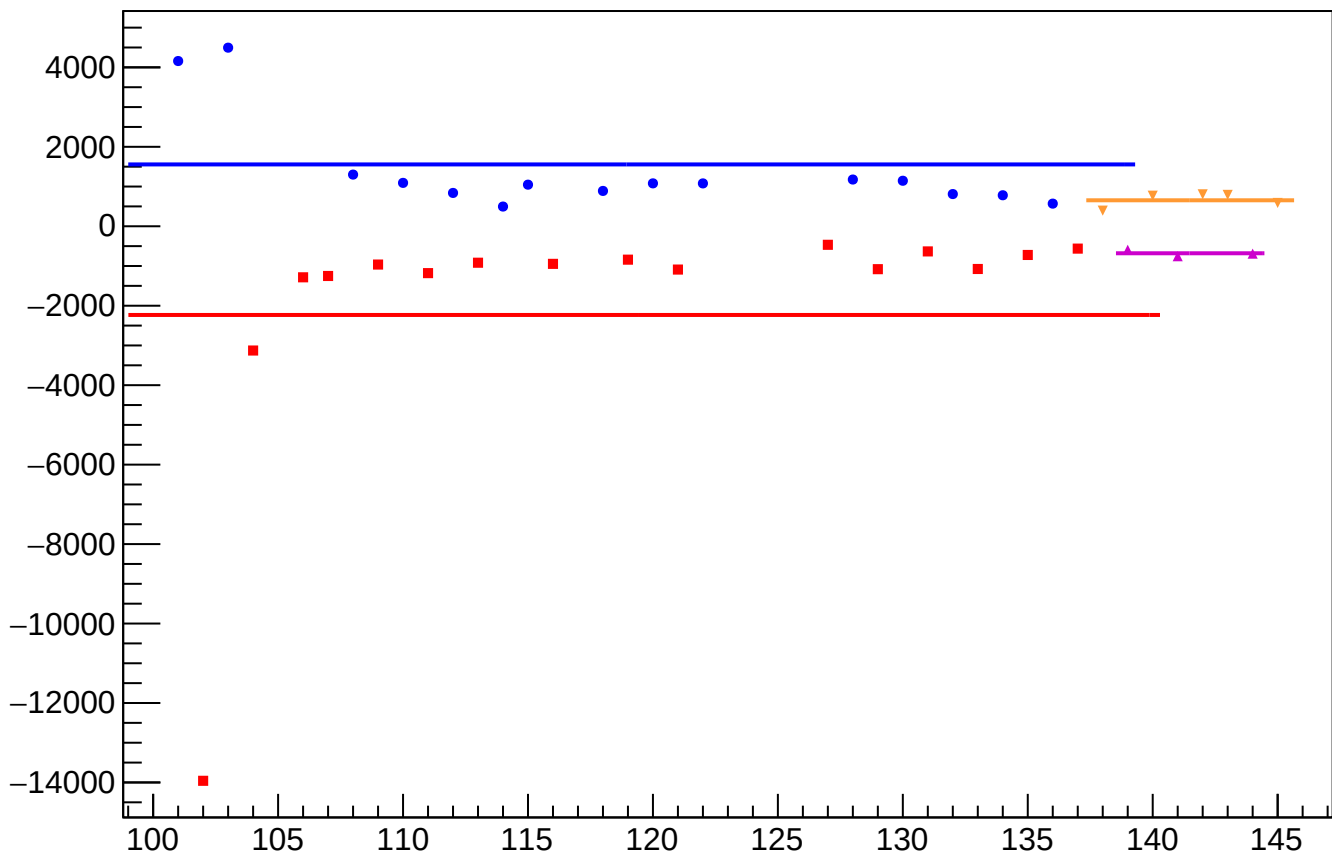
χ^2/NDF : 30967248832187912041113909559481103024128.0/15

Left In: 5290.398 $\pm$ 0.000

χ^2/NDF : 55324187449887330501695608195708354560.0/2

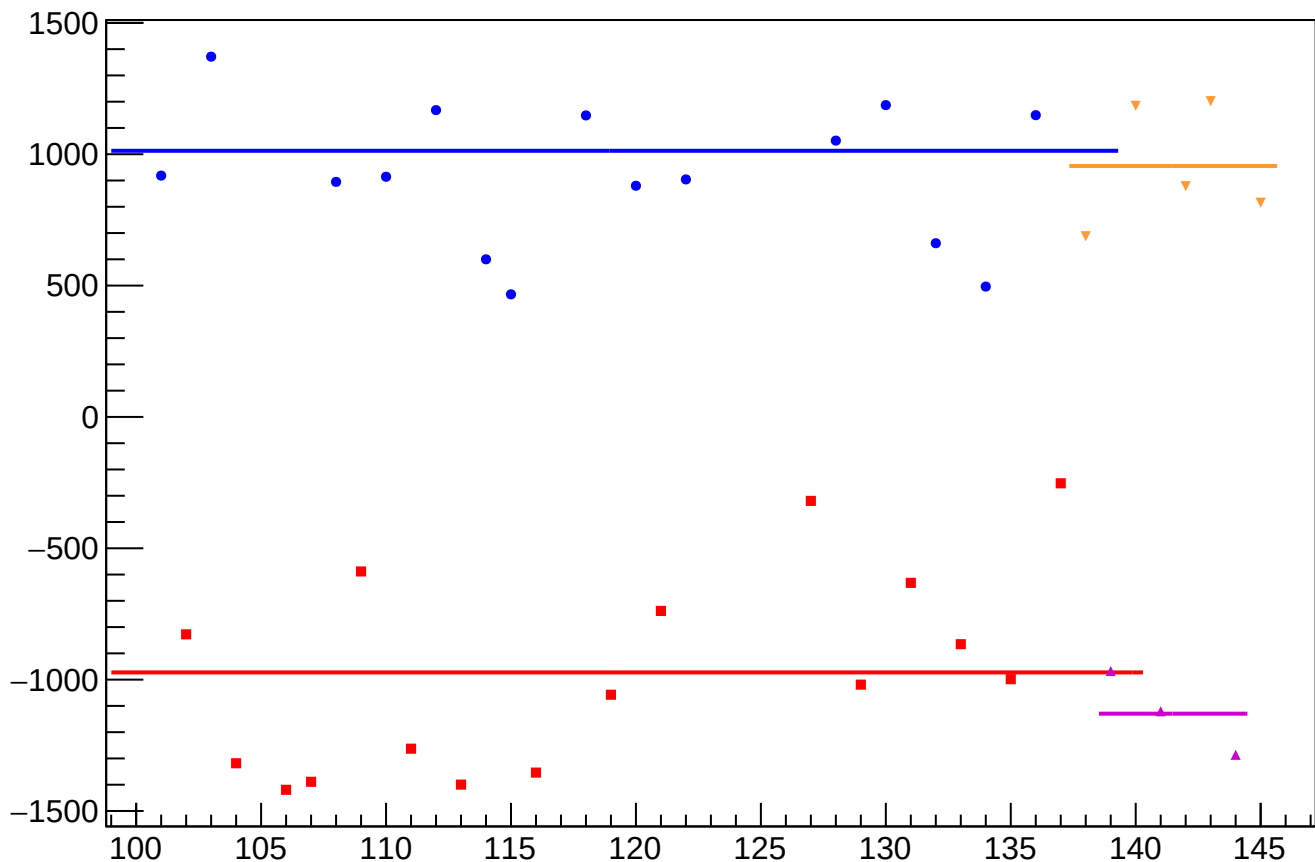
All: -221.021 $\pm$ 0.000 χ^2/NDF : 94988841949

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



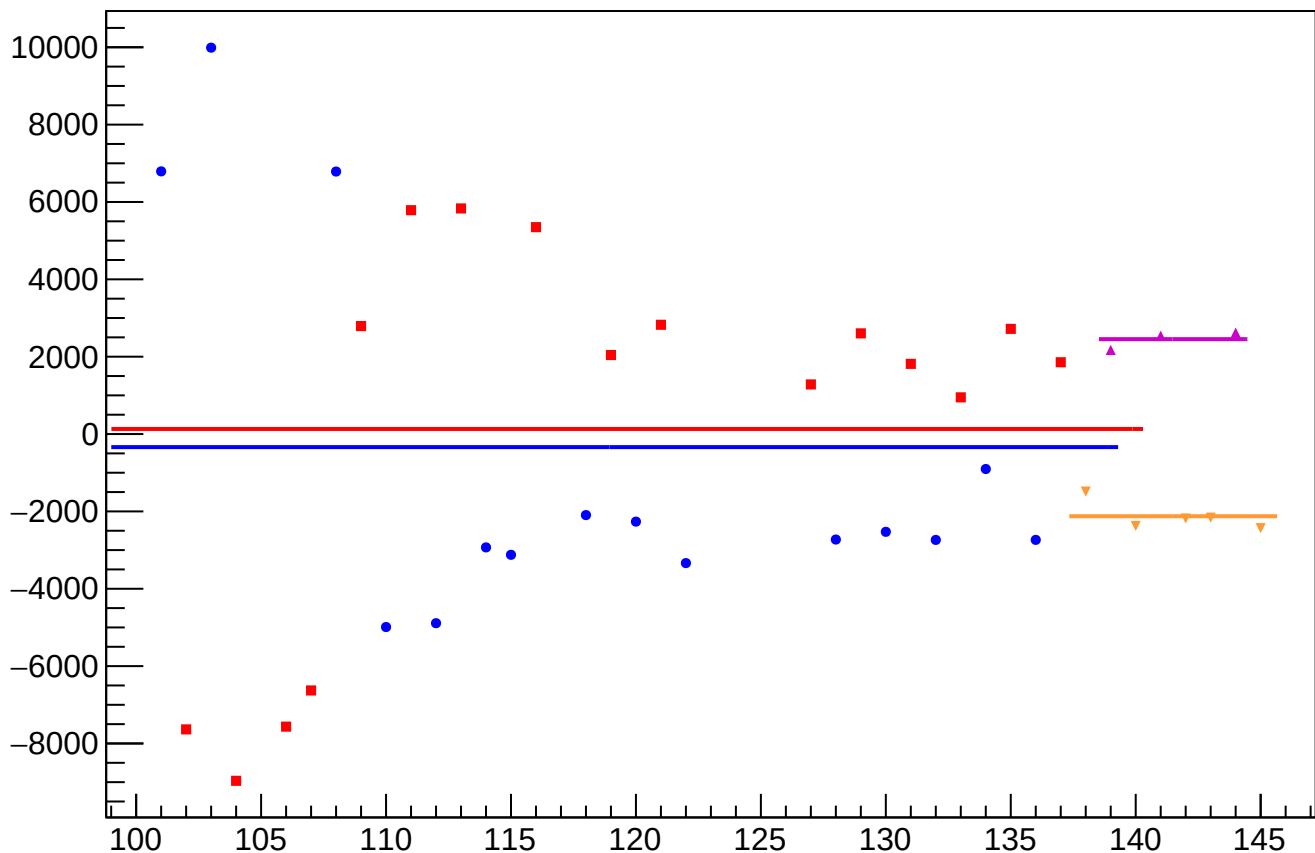
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 653.940+/-0.000 χ^2/NDF : 9020556260647831074665832611171008512.0/4
 Right Out: -2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: -679.710+/-0.000 χ^2/NDF : 1115641479380925566895033307921121280.0/2
 All: -219.846+/-0.000 χ^2/NDF : 15212197392

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 955.265 $\pm$ 0.000 χ^2 /NDF: 15766888186948653589984415078017925120.0/4
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 $\pm$ 0.000 χ^2 /NDF: 4322028015098784947615018931883868160.0/2
 All: 29.213 $\pm$ 0.000 χ^2 /NDF: 2071681702276

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: -337.865+/-0.000

χ^2/NDF : 15152515933007079891661097940762081886208.0/14

Left Out: -2124.786+/-0.000

χ^2/NDF : 44505283244378019903189122878072160256.0/4

Right Out: 131.545+/-0.000

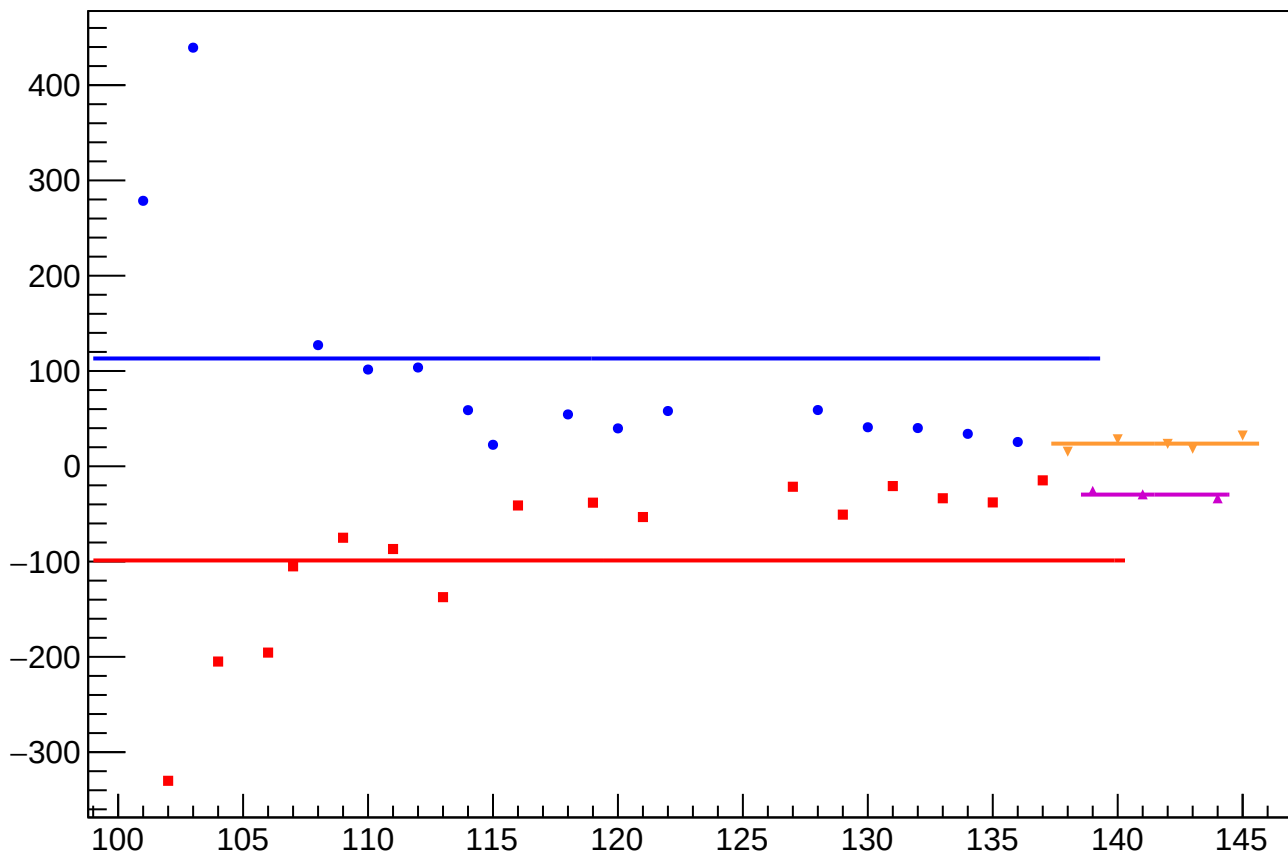
χ^2/NDF : 16473217651078877976377424419956902068224.0/15

Left In: 2453.840+/-0.000

χ^2/NDF : 9473368181706755096591200691882557440.0/2

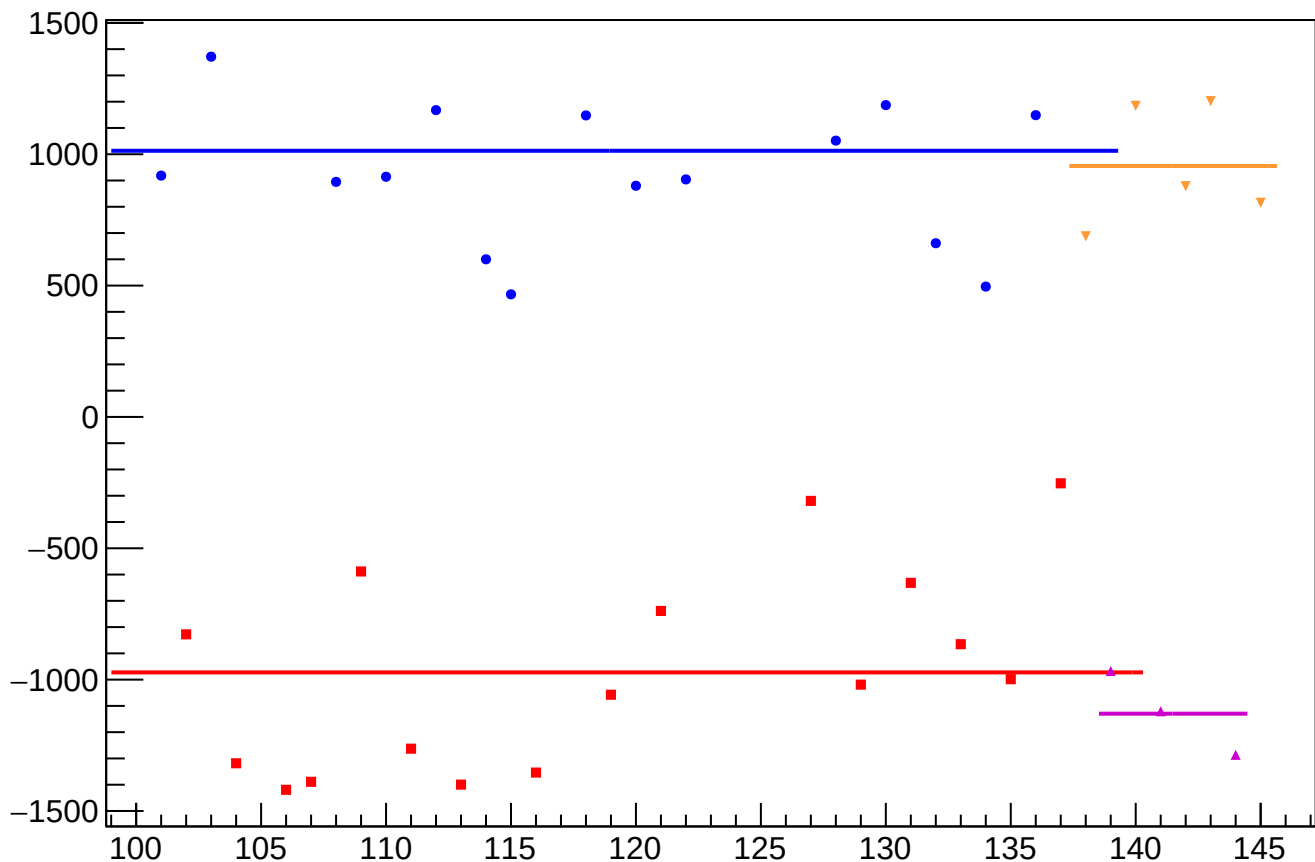
All: -130.908+/-0.000 χ^2/NDF : 34852507970

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: 1.266+/-0.000 χ^2/NDF : 43992026811228468
 Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Right: 5.701+/-0.000 χ^2/NDF : 30279176036436111
 Left Out: 23.774+/-0.000 χ^2/NDF : 14766046810412994912154524988735488.0/4
 In: 72.839+/-0.000 χ^2/NDF : 137278825855733174
 Right Out: -98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Out: -56.559+/-0.000 χ^2/NDF : 8982252398938281
 Left In: -29.715+/-0.000 χ^2/NDF : 2588237990004248238663738979254272.0/2
 All: 4.302+/-0.000 χ^2/NDF : 30727255538203

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 955.265+/-0.000

Right Out: -972.465+/-0.000

Left In: -1129.600+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 15766888186948653589984415078017925120.0/4

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

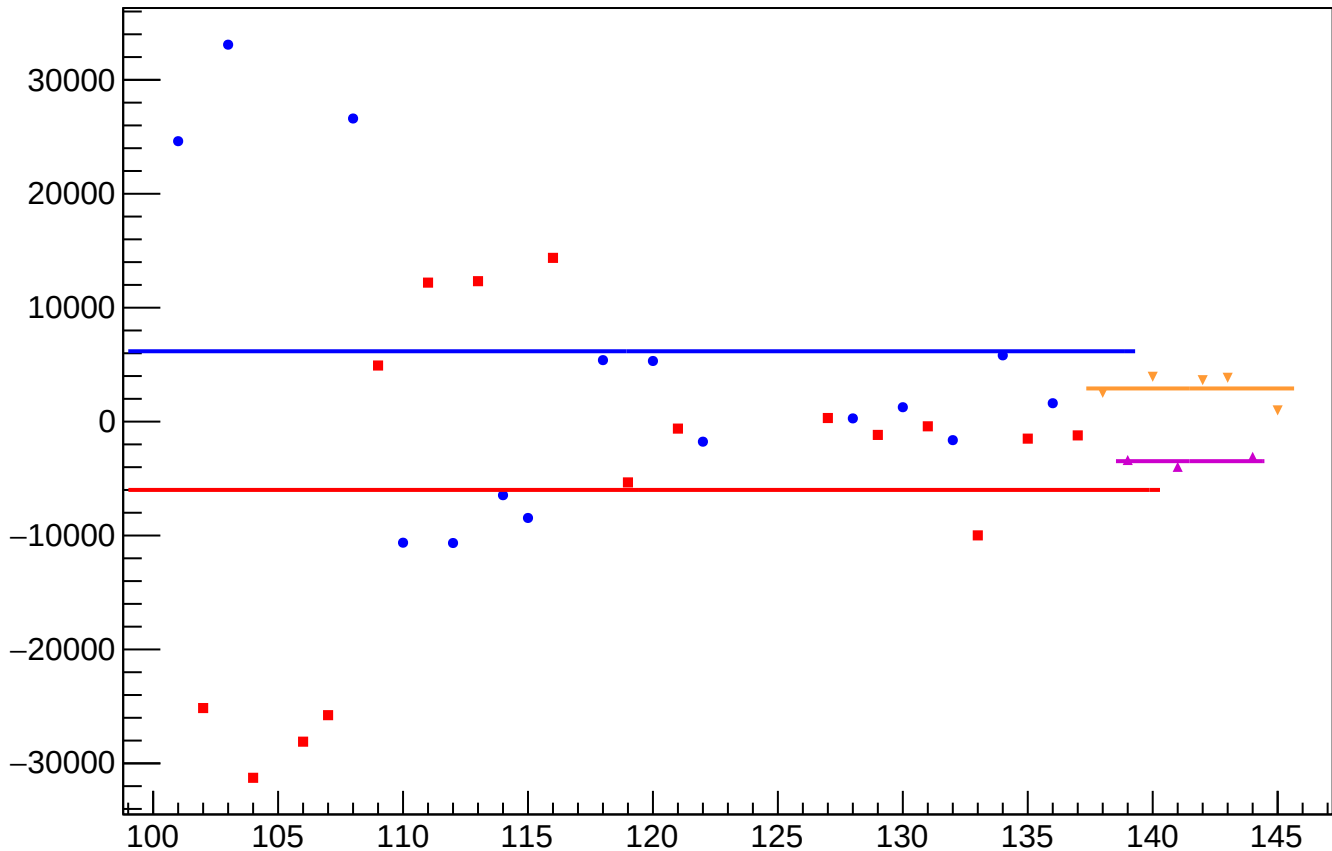
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 6175.493+/-0.000

χ^2/NDF : 117260877162921223967478349050708452442112.0/14

Left Out: 2909.964+/-0.000

χ^2/NDF : 470262827272011958200132894572930924544.0/4

Right Out: -5996.727+/-0.000

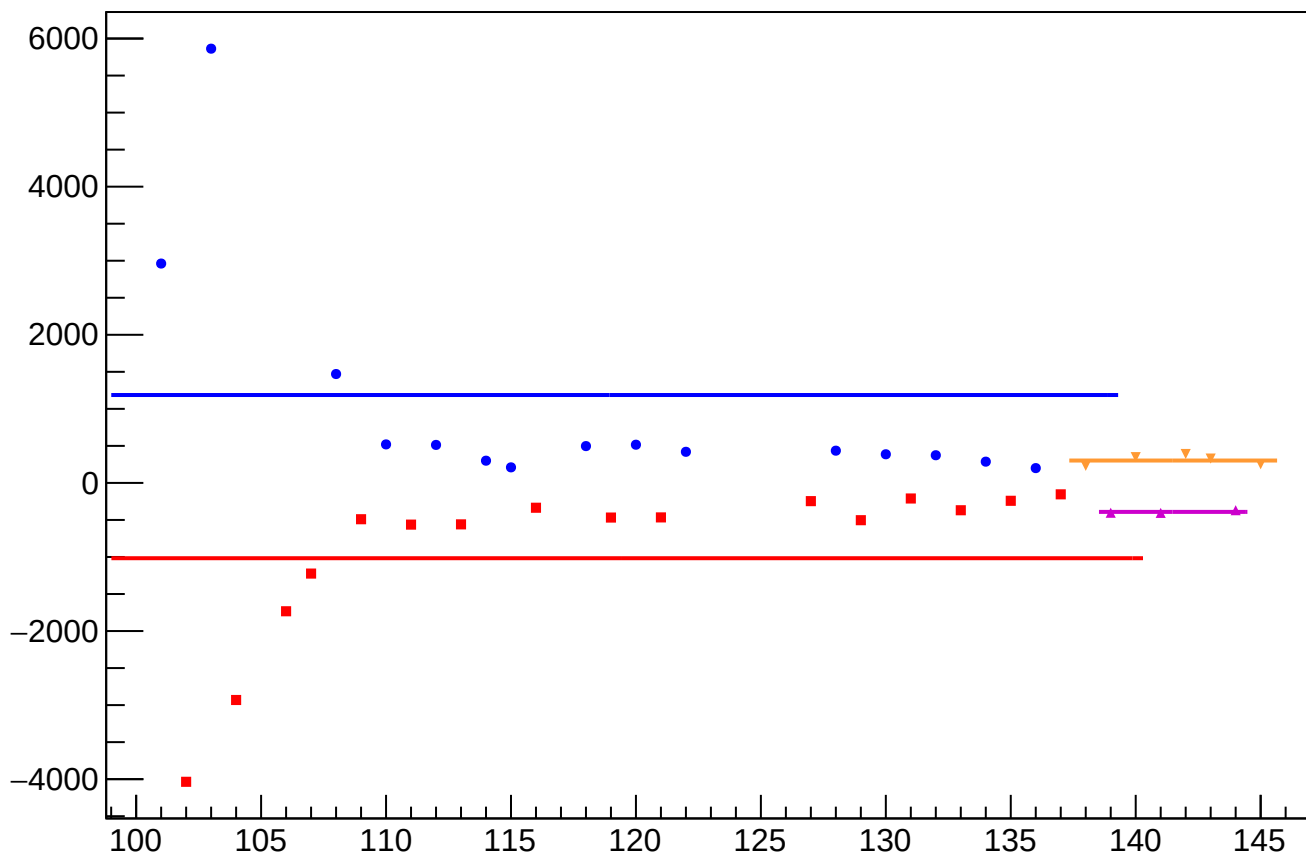
χ^2/NDF : 137057710785025136543407710107916356812800.0/15

Left In: -3471.817+/-0.000

χ^2/NDF : 35079338690669410615818990807133716480.0/2

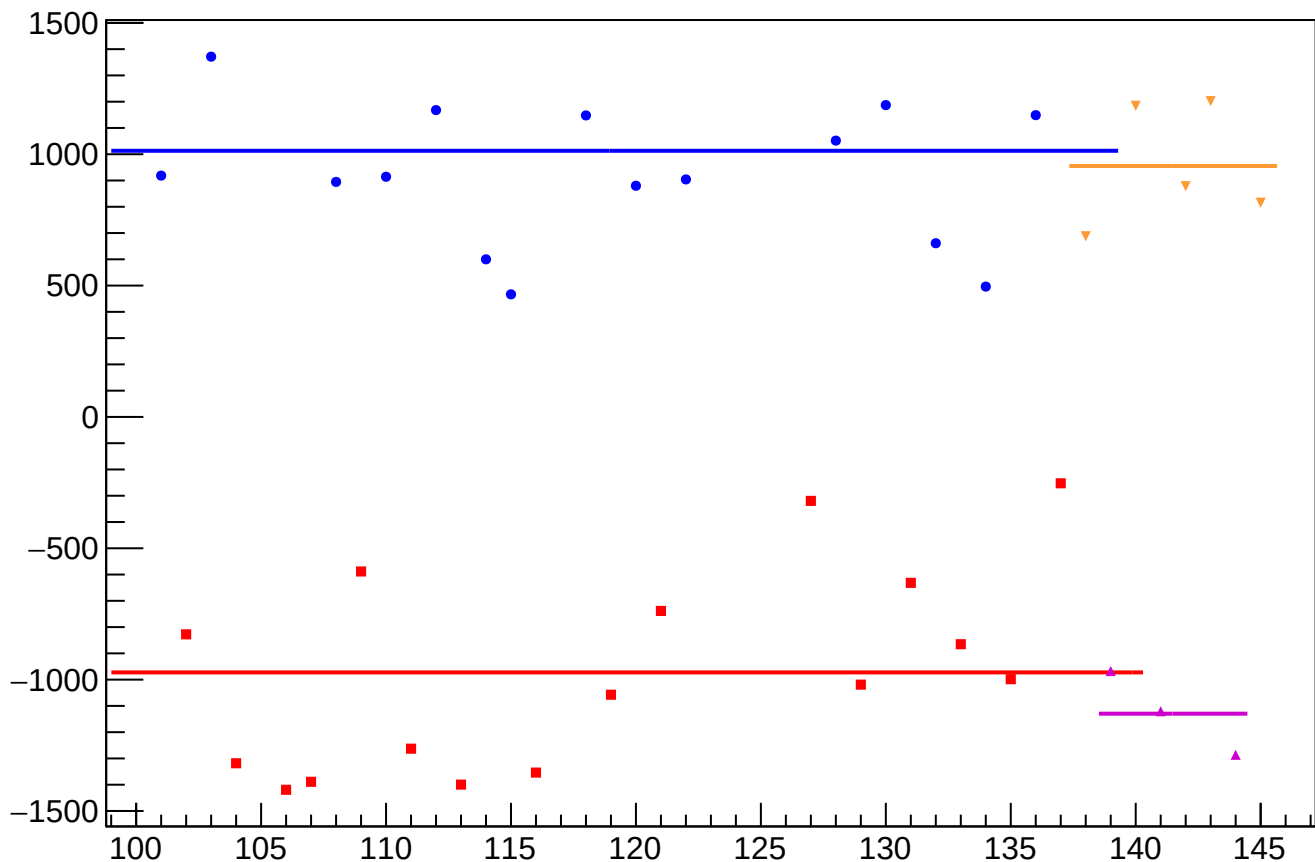
All: 75.006+/-0.000 χ^2/NDF : 3095955288156

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: 10.406 $\pm$ 0.000 χ^2/NDF : 72297295691803493
 Right In: 1186.846 $\pm$ 0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Right: 69.987 $\pm$ 0.000 χ^2/NDF : 4321353447769683
 Left Out: 302.248 $\pm$ 0.000 χ^2/NDF : 1180414063628438532720111146307158016.0/4
 In: 741.682 $\pm$ 0.000 χ^2/NDF : 22524811148563167
 Right Out: -1016.732 $\pm$ 0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Out: -561.956 $\pm$ 0.000 χ^2/NDF : 132891963548986
 Left In: -391.305 $\pm$ 0.000 χ^2/NDF : 71928950482361084596048182879715328.0/2
 All: 51.201 $\pm$ 0.000 χ^2/NDF : 4395123685861

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

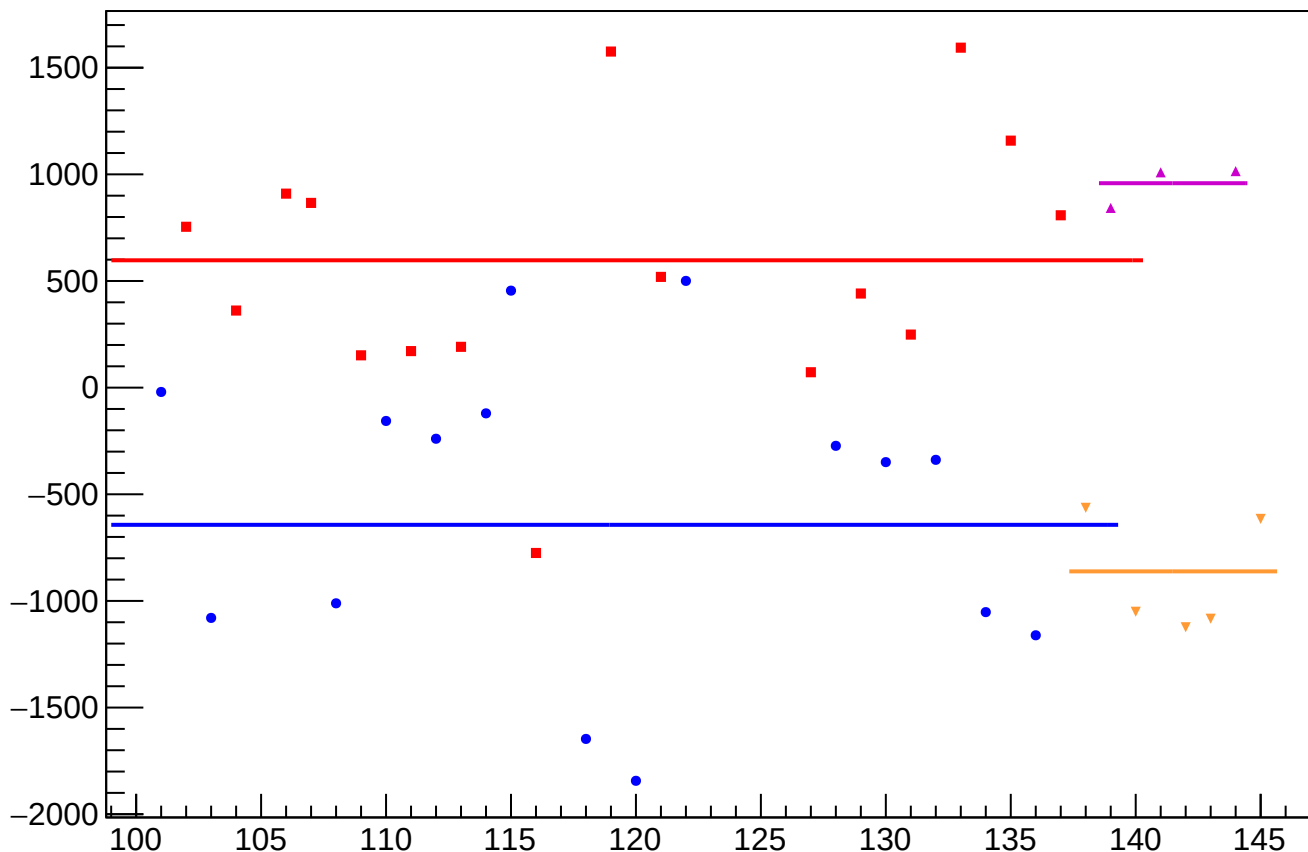
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000

Left Out: -861.483+/-0.000

Right Out: 597.043+/-0.000

Left In: 958.480+/-0.000

χ^2/NDF : 272726964608206694027285159784925364224.0/14

χ^2/NDF : 21051165487272271923565793475829956608.0/4

χ^2/NDF : 210733370798031449363504004319005376512.0/15

χ^2/NDF : 1594960956922009065432488987982823424.0/2

Left: -95.657+/-0.000 χ^2/NDF : 5118612362273746

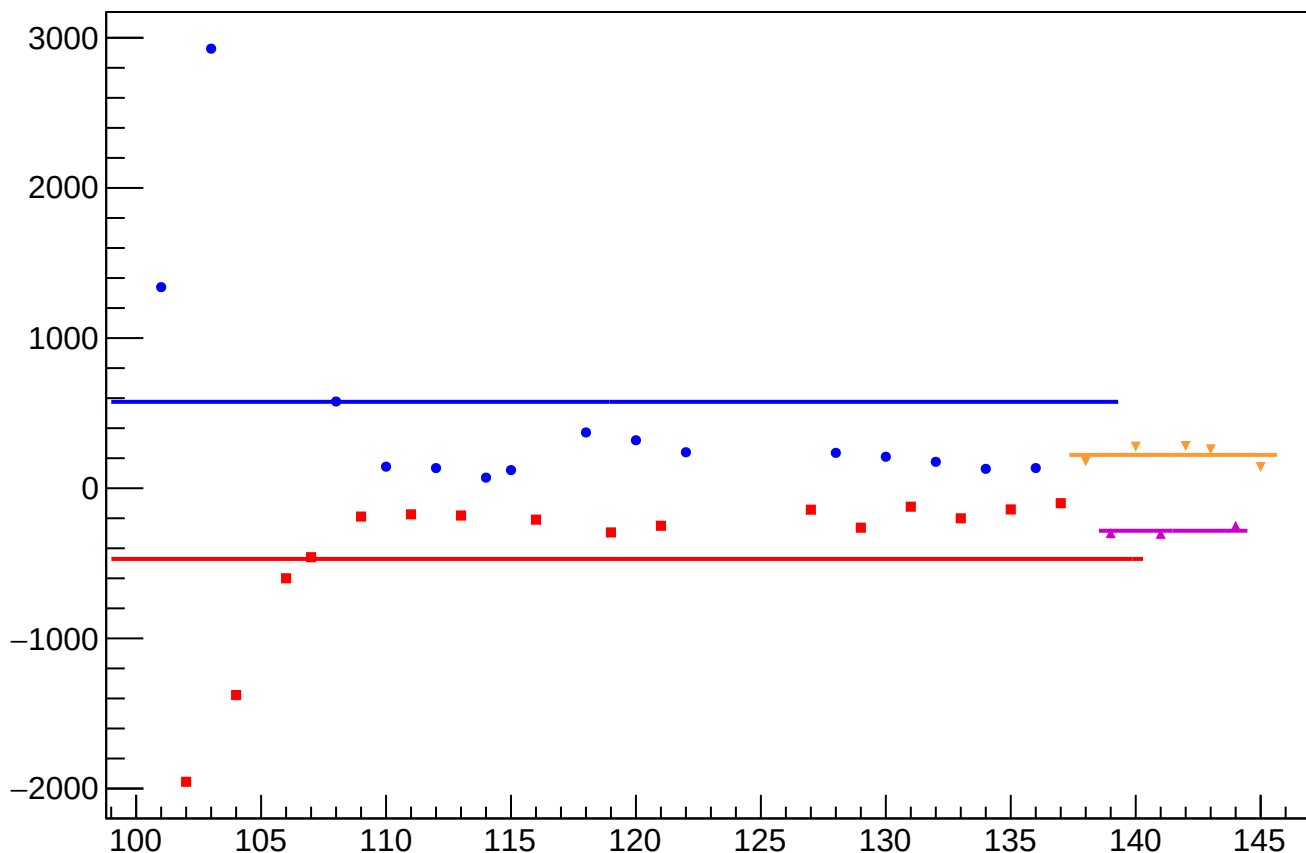
Right: -14.605+/-0.000 χ^2/NDF : 989448118075246

In: -191.411+/-0.000 χ^2/NDF : 7439751427834038

Out: 94.152+/-0.000 χ^2/NDF : 72101489216224438

All: -40.161+/-0.000 χ^2/NDF : 150403519429

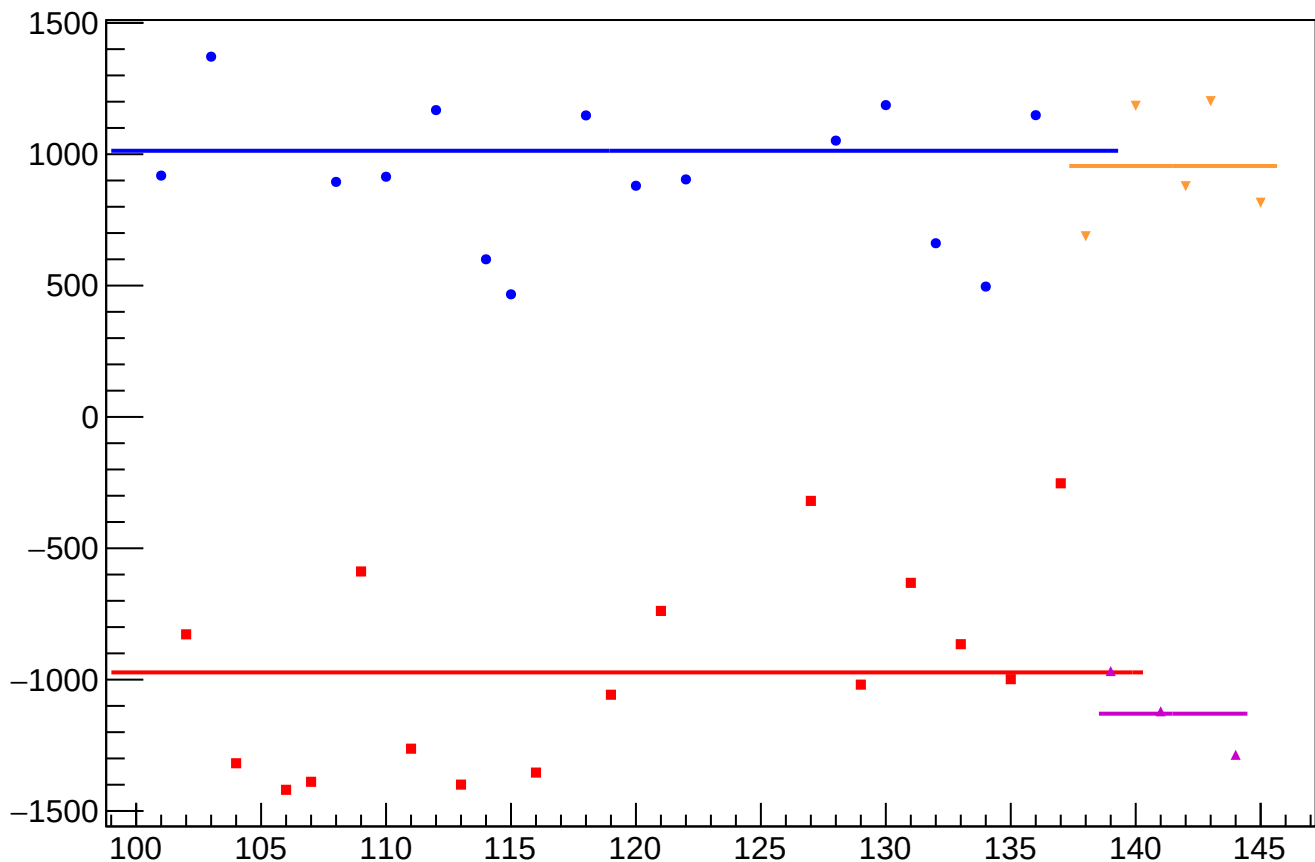
dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: 9.550 +/- 0.000 χ^2/NDF : 390024817202591384
 Right: 45.250 +/- 0.000 χ^2/NDF : 1002053890195510
 In: 333.332 +/- 0.000 χ^2/NDF : 56779375434161563
 Out: -231.823 +/- 0.000 χ^2/NDF : 320859211722950
 All: 33.994 +/- 0.000 χ^2/NDF : 1041585188520

Right In: 575.526 +/- 0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Left Out: 222.141 +/- 0.000 χ^2/NDF : 1147961959494052755498218517390426112.0/4
 Right Out: -470.716 +/- 0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15
 Left In: -283.074 +/- 0.000 χ^2/NDF : 155794757972046171301576795284832256.0/2

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

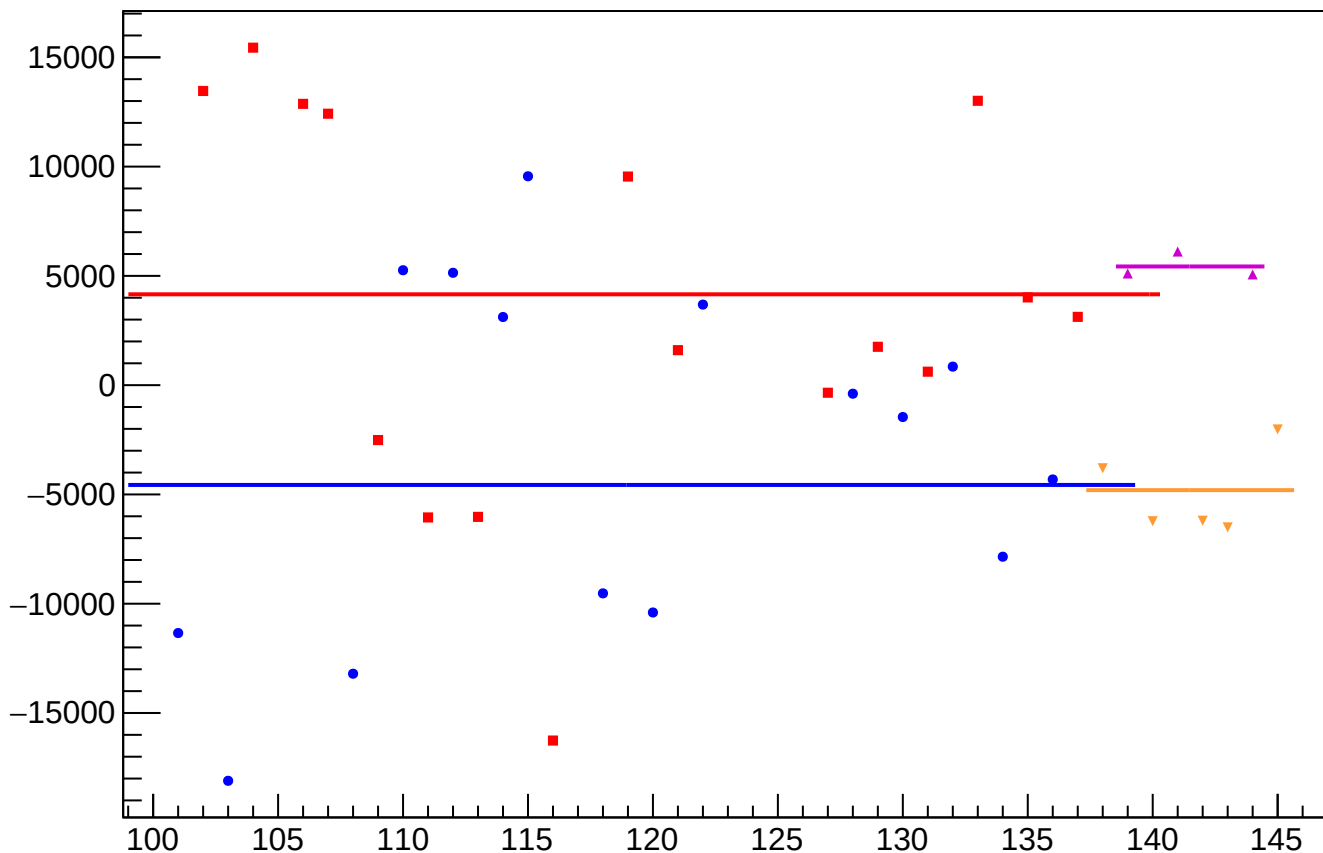
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412 $\pm$ 0.000

Left Out: -4804.214 $\pm$ 0.000

Right Out: 4156.859 $\pm$ 0.000

Left In: 5430.310 $\pm$ 0.000

χ^2 /NDF: 35667768247432289984899042725155487875072.0/14

χ^2 /NDF: 1130264183768929114431224778638323875840.0/4

χ^2 /NDF: 45539455441659927157708443099930682195968.0/15

χ^2 /NDF: 59783716626842876031632506386498191360.0/2

Left: -497.607 $\pm$ 0.000 χ^2 /NDF: 166607455595593

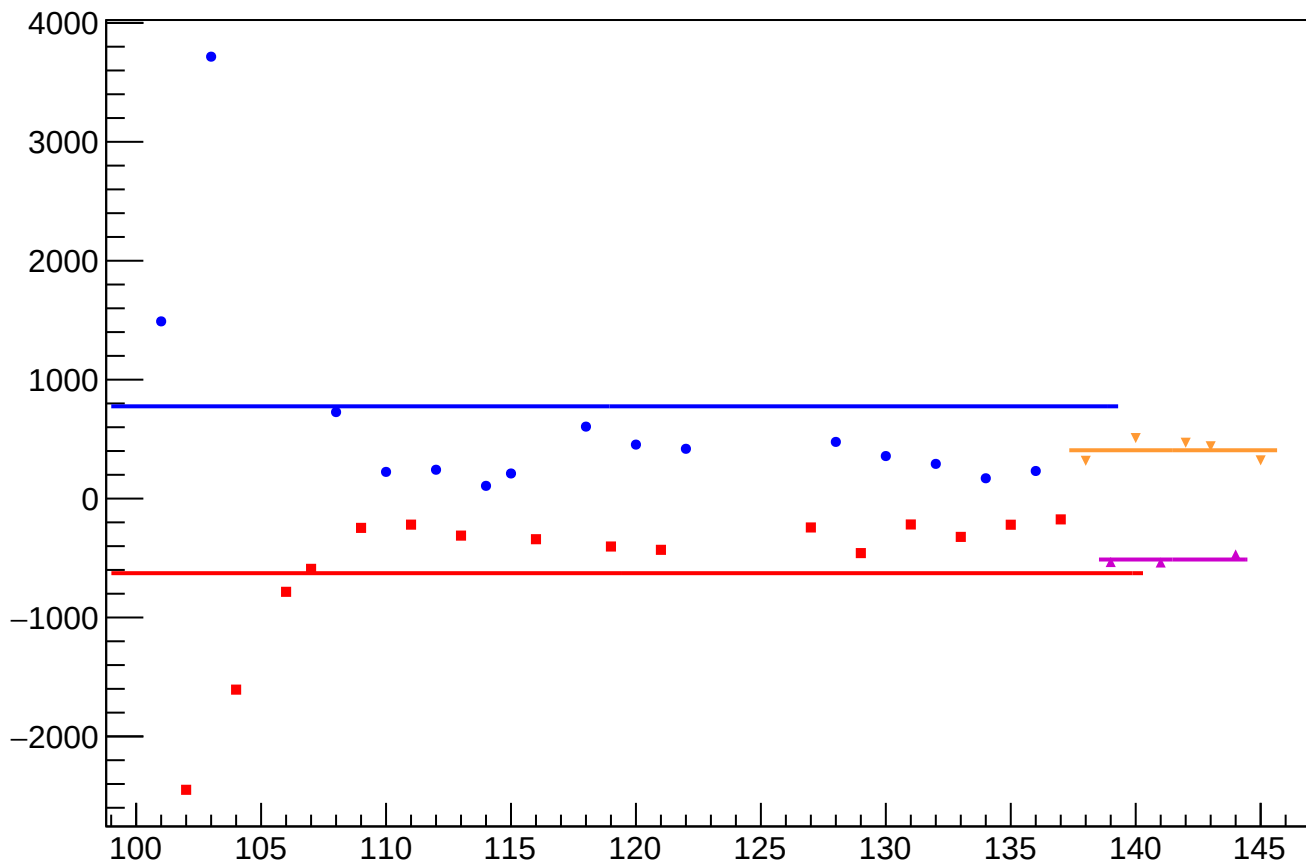
Right: -144.626 $\pm$ 0.000 χ^2 /NDF: 10623220696347

In: -1745.823 $\pm$ 0.000 χ^2 /NDF: 540188599935358

Out: 1067.137 $\pm$ 0.000 χ^2 /NDF: 651370937562552

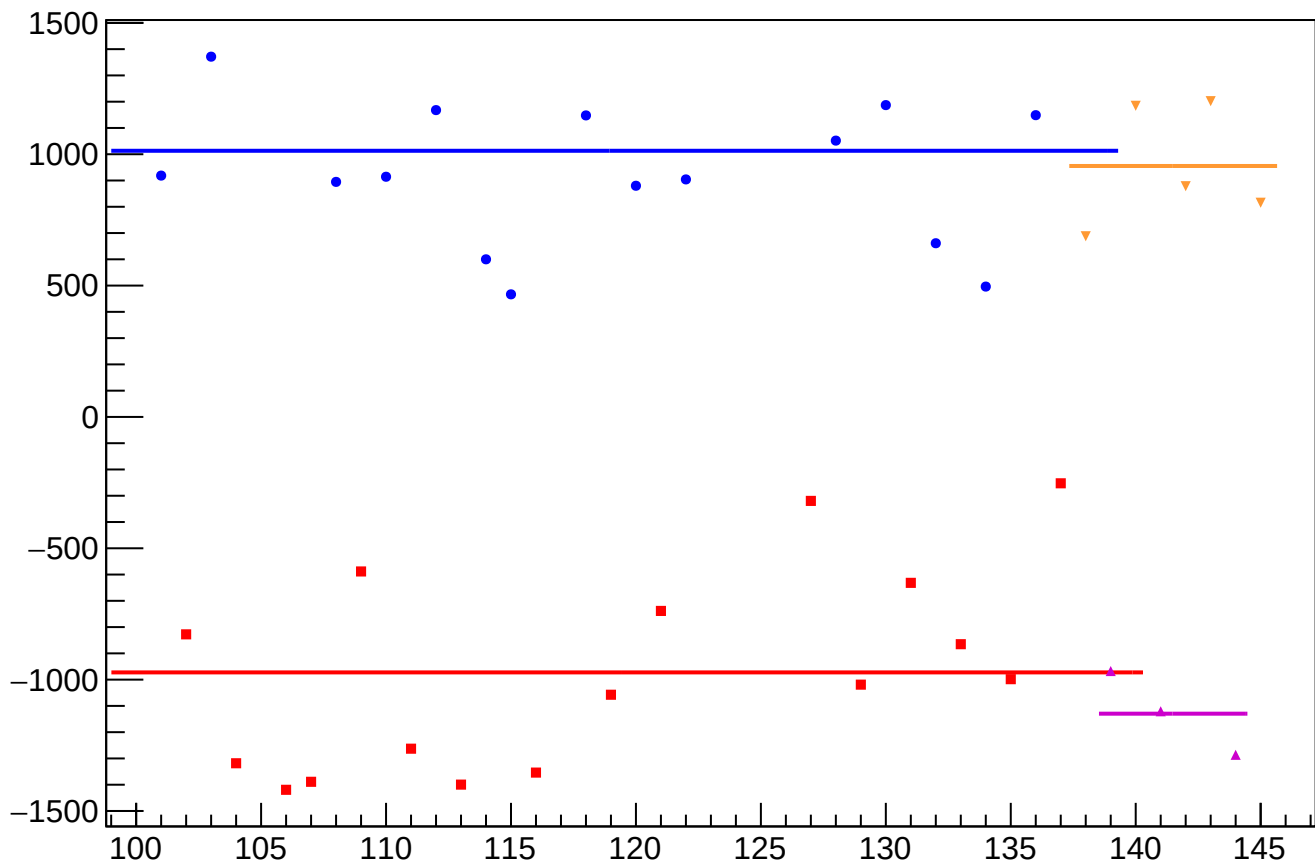
All: -255.920 $\pm$ 0.000 χ^2 /NDF: 12294465113

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14
 Left Out: 406.362+/-0.000 χ^2/NDF : 2296315484552010517804078341166202880.0/4
 Right Out: -627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15
 Left In: -512.440+/-0.000 χ^2/NDF : 252140103856882239843349088176177152.0/2
 All: 50.495+/-0.000 χ^2/NDF : 1715060092695

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

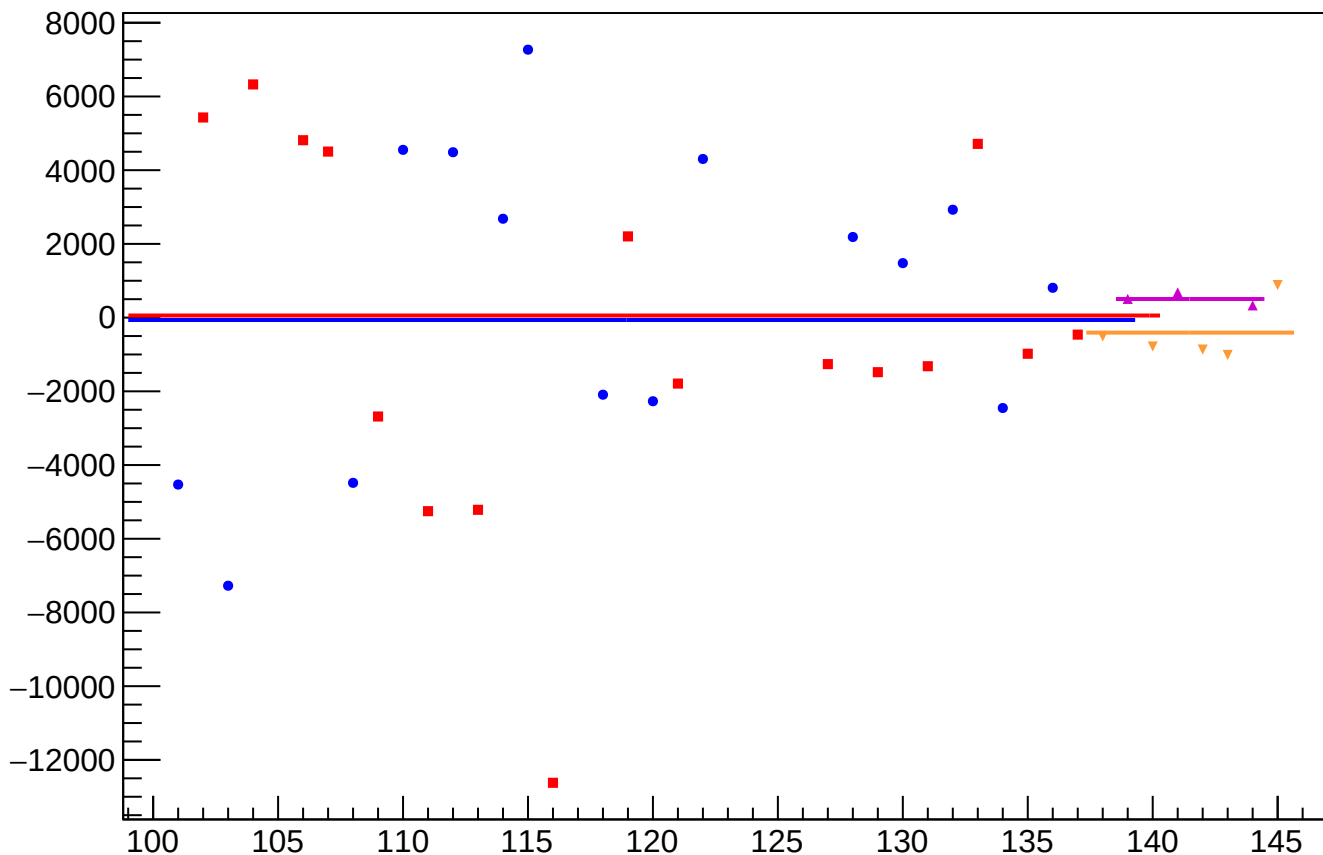
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: -64.751+/-0.000

χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -407.377+/-0.000

χ^2/NDF : 176767182076938952484079139820524273664.0/4

Right Out: 57.229+/-0.000

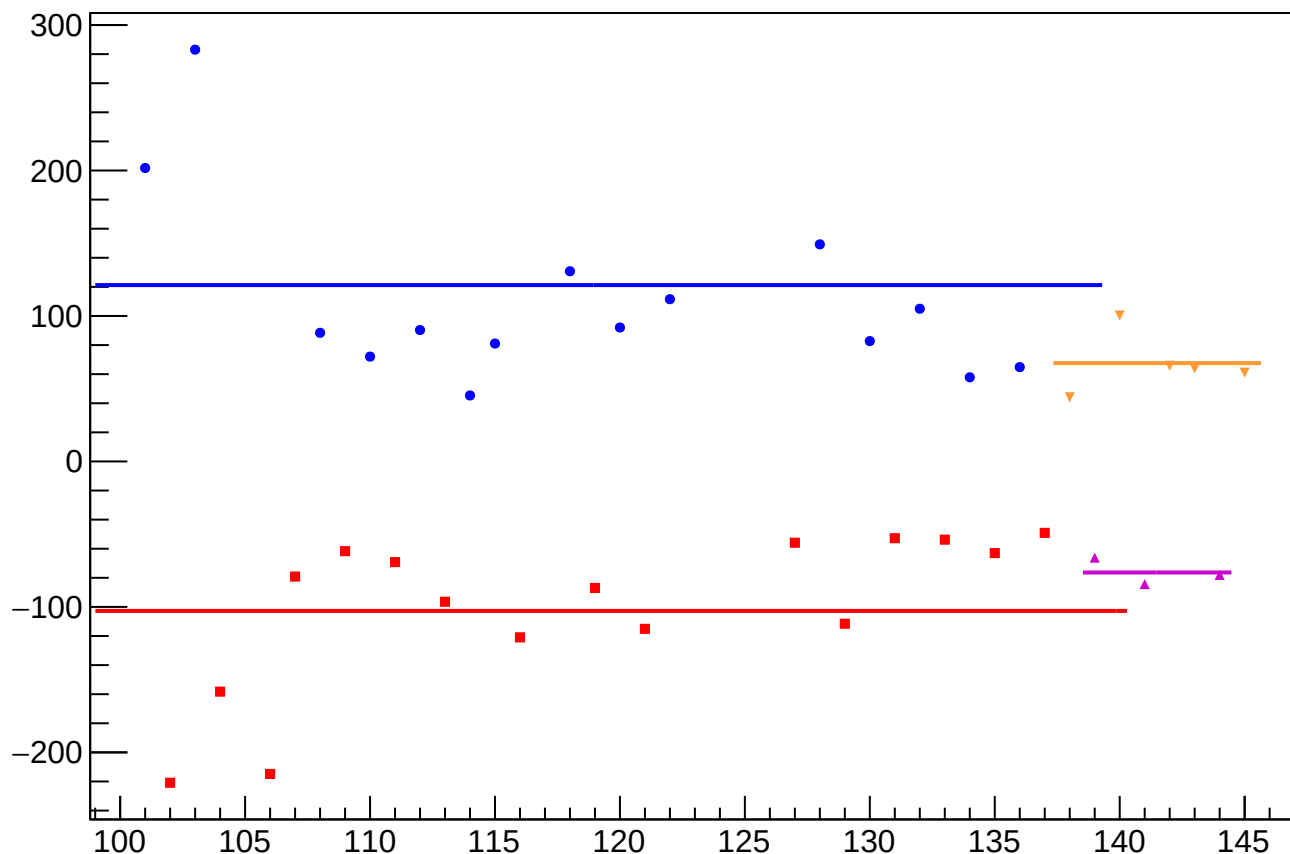
χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: 505.306+/-0.000

χ^2/NDF : 5385311615097107232467818228068909056.0/2

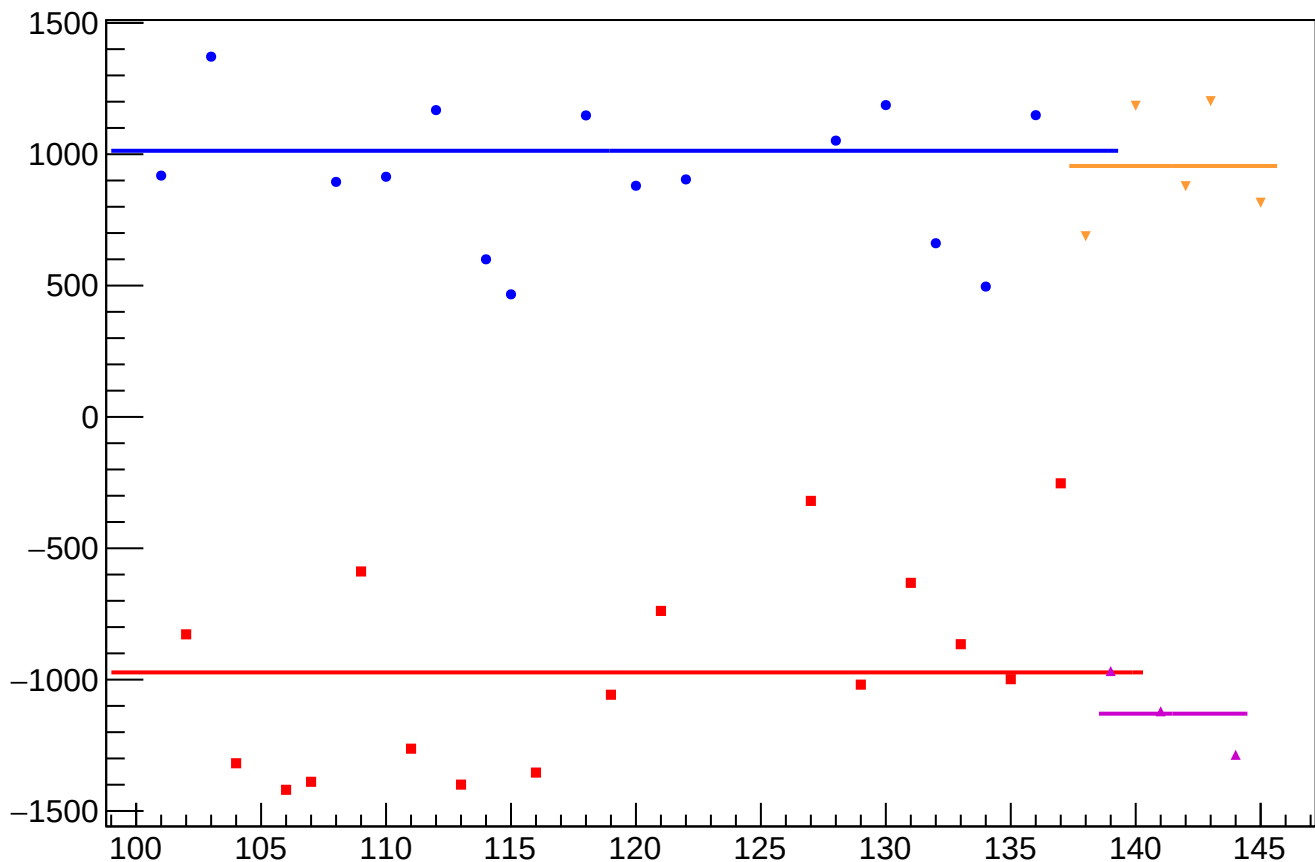
All: -9.359+/-0.000 χ^2/NDF : 2370543308470

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14
 Left Out: 67.618 $\pm$ 0.000 χ^2 /NDF: 135600434517093854142005612938002432.0/4
 Right Out: -102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15
 Left In: -76.330 $\pm$ 0.000 χ^2 /NDF: 14114379972842831050811447992909824.0/2
 All: 7.499 $\pm$ 0.000 χ^2 /NDF: 24402564600811

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

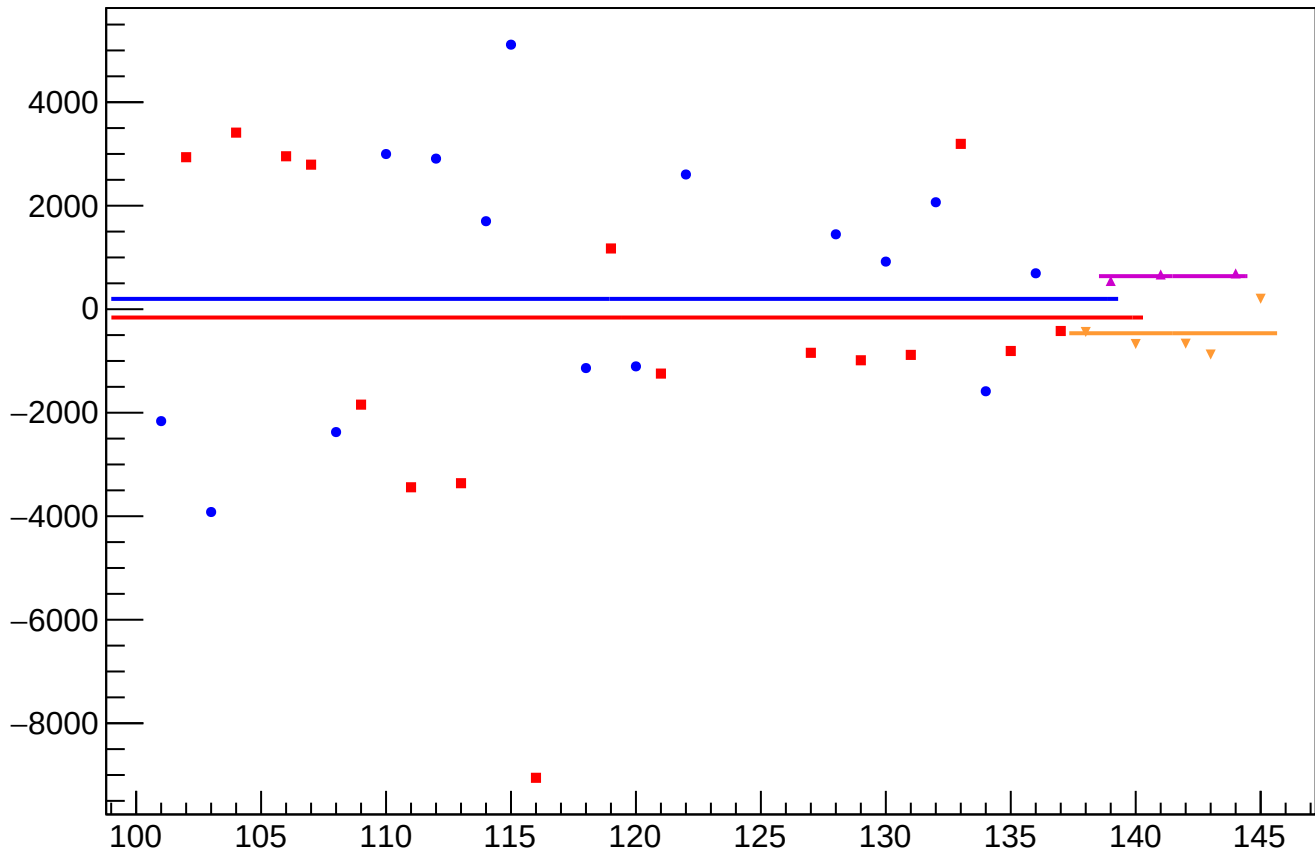
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 199.503+/-0.000

χ^2/NDF : 3268159745923533825045181664876849790976.0/14

Left Out: -464.490+/-0.000

χ^2/NDF : 51464968393925268514123457511884324864.0/4

Right Out: -160.512+/-0.000

χ^2/NDF : 5680576709461197901526729703706251493376.0/15

Left In: 638.751+/-0.000

χ^2/NDF : 1044585378722040382456543403761991680.0/2

Left: -0.255+/-0.000 χ^2/NDF : 23227862589044775

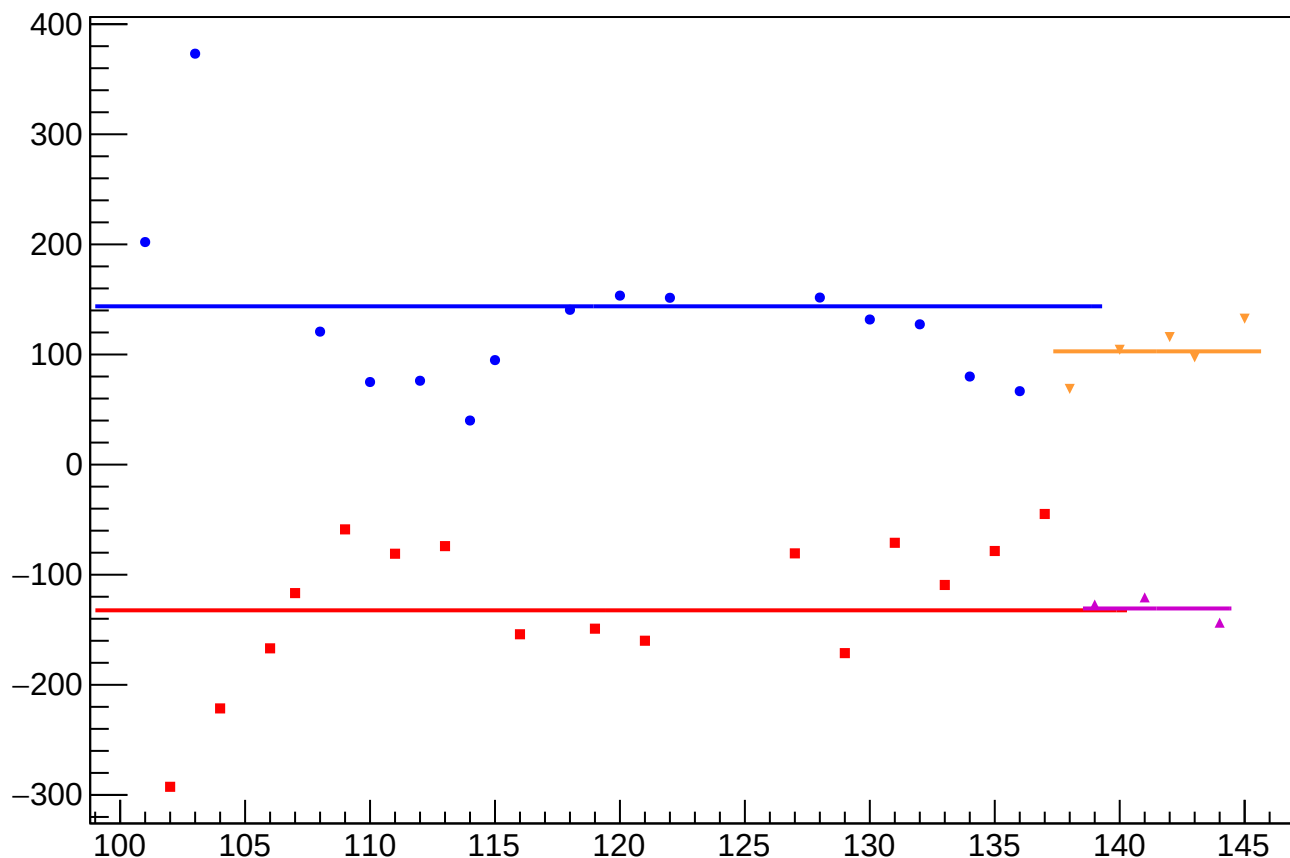
Right: 17.033+/-0.000 χ^2/NDF : 8991370549930185

In: 323.406+/-0.000 χ^2/NDF : 33045255015701394

Out: -265.322+/-0.000 χ^2/NDF : 575329210500268

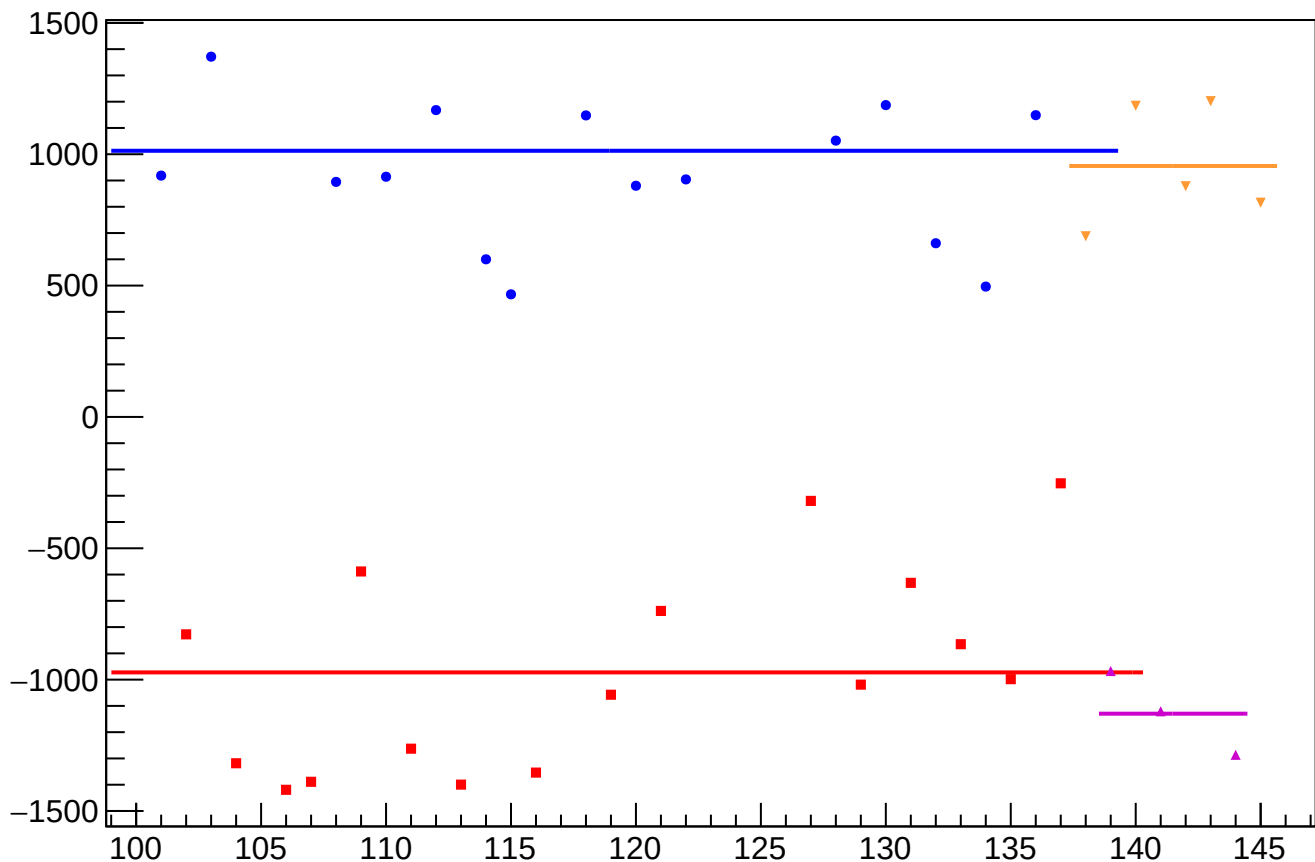
All: 11.583+/-0.000 χ^2/NDF : 9223773190771

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 143.764 +/- 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14
 Left Out: 102.857 +/- 0.000 χ^2/NDF : 169241695612623810867196333926645760.0/4
 Right Out: -132.341 +/- 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15
 Left In: -130.656 +/- 0.000 χ^2/NDF : 24482070996645071263926188460998656.0/2
 All: 4.067 +/- 0.000 χ^2/NDF : 41012703696489

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 955.265+/-0.000

χ^2/NDF : 15766888186948653589984415078017925120.0/4

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

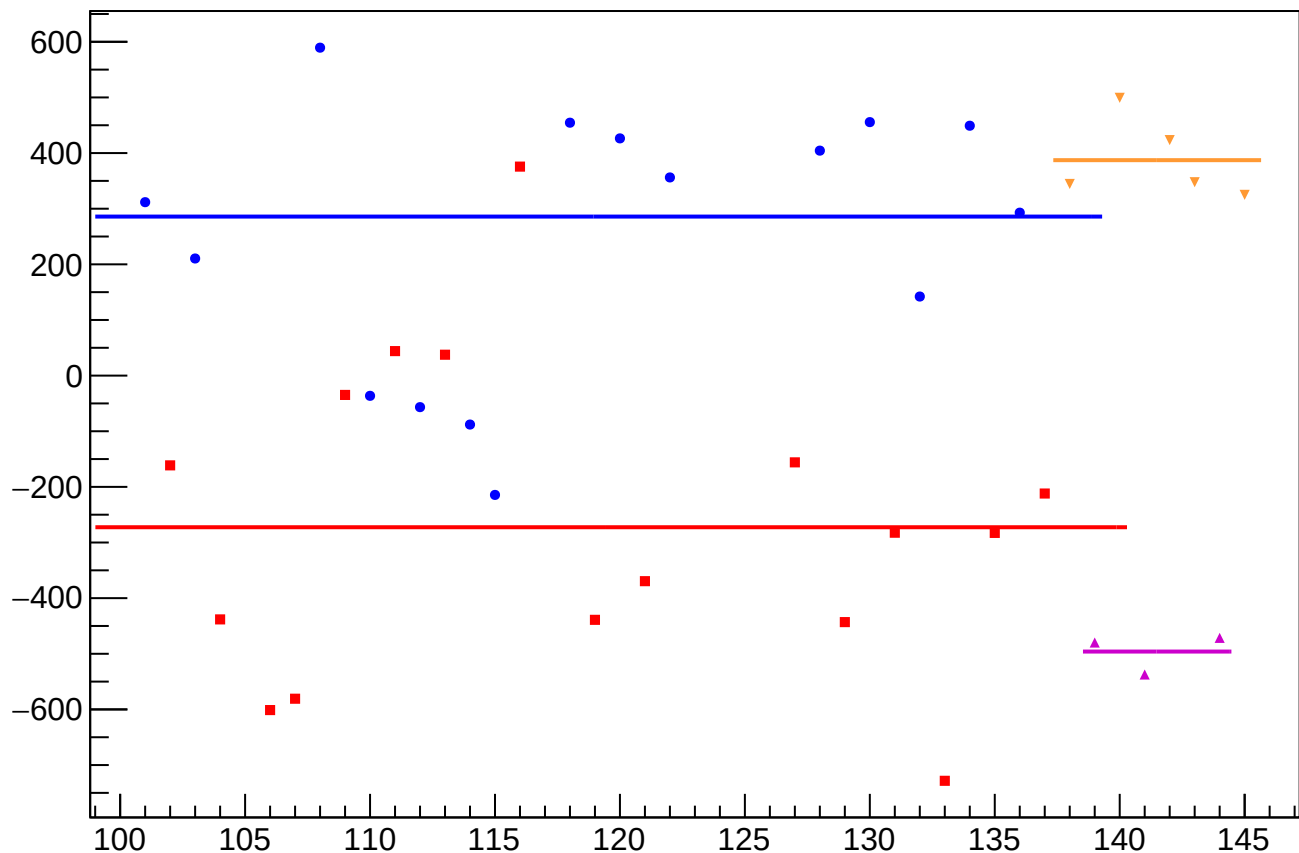
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

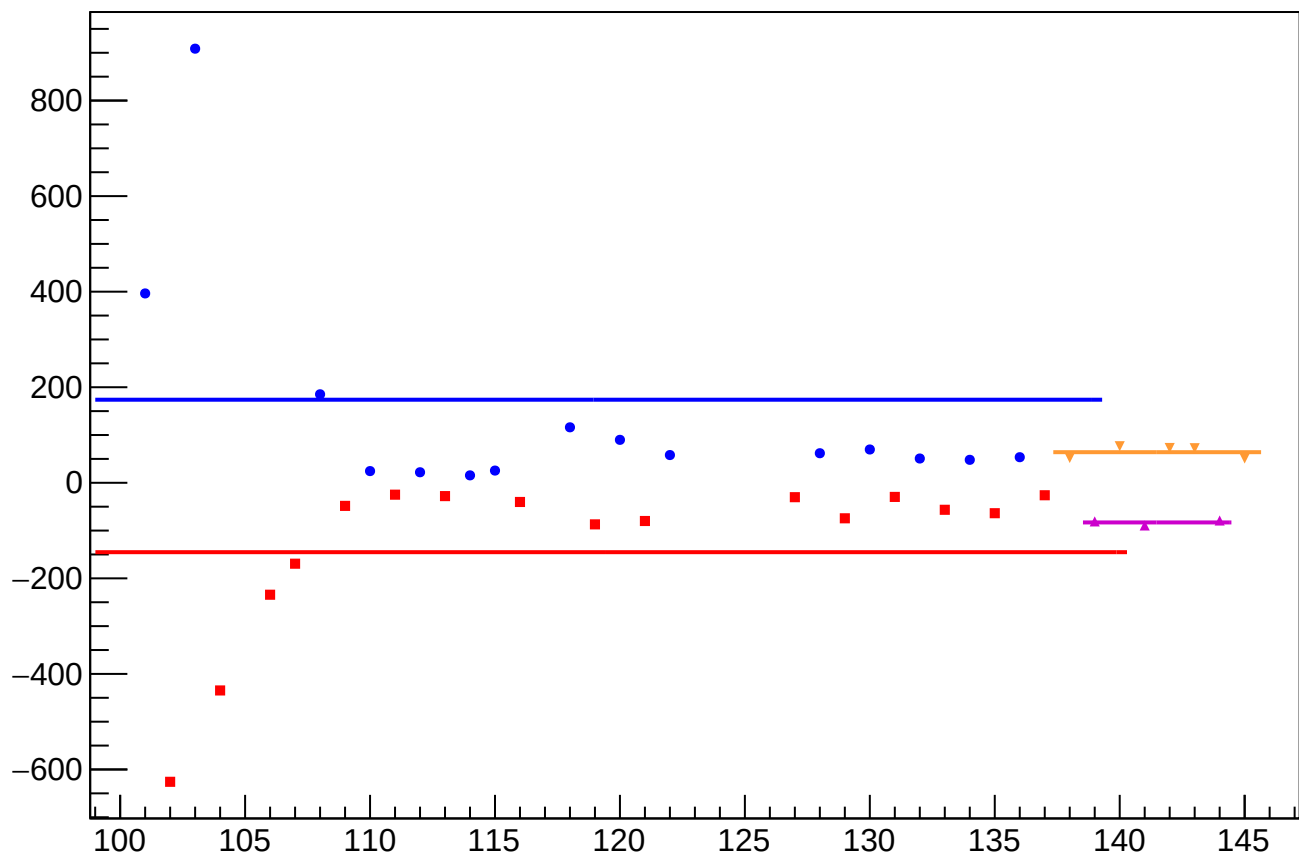
All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_sam7_coil6_mean vs Slug, Sign Corrected



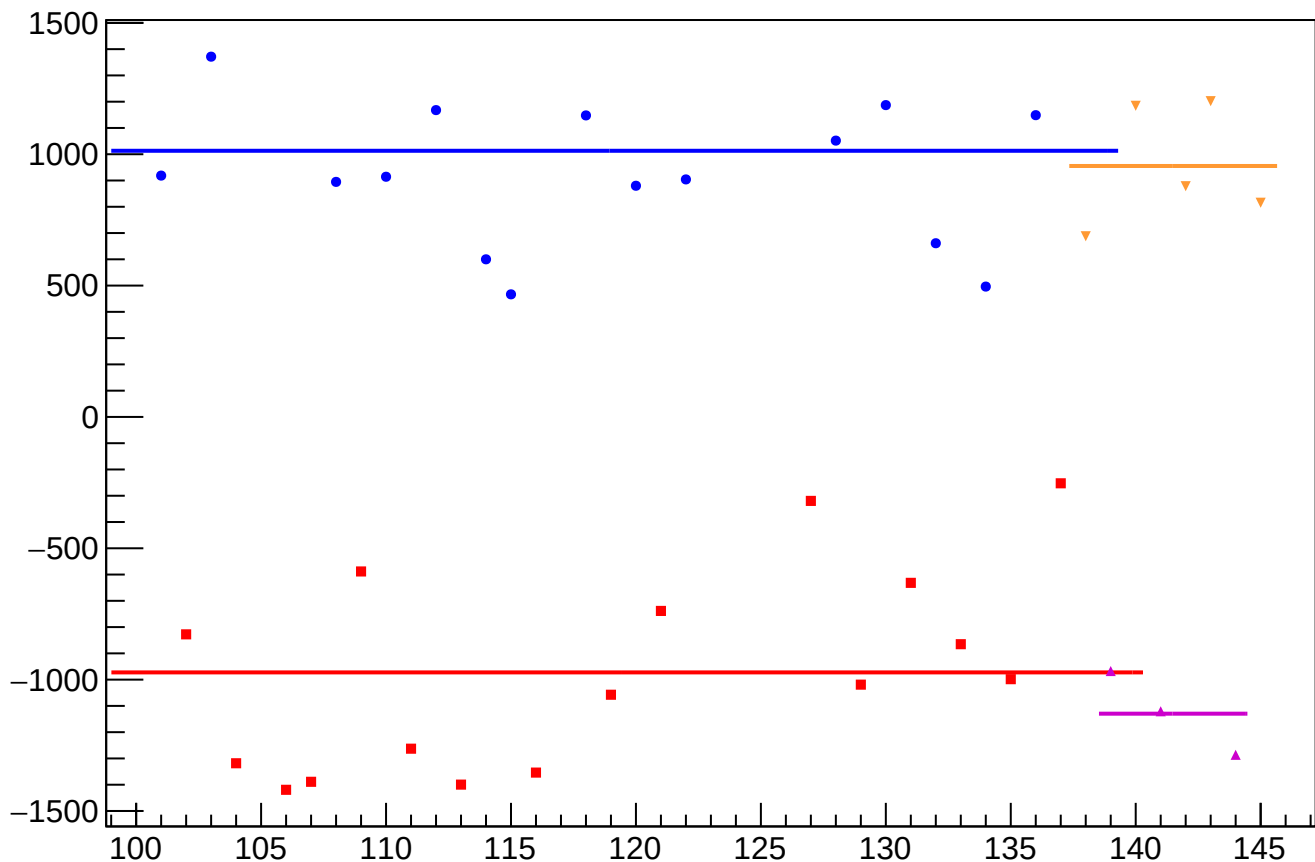
Right In: 285.856 $\pm$ 0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14
 Left Out: 387.240 $\pm$ 0.000 χ^2/NDF : 1641198210186292775540998794461052928.0/4
 Right Out: -272.539 $\pm$ 0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15
 Left In: -495.995 $\pm$ 0.000 χ^2/NDF : 219890897669357107858337748406501376.0/2
 All: 6.857 $\pm$ 0.000 χ^2/NDF : 28797099594025

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



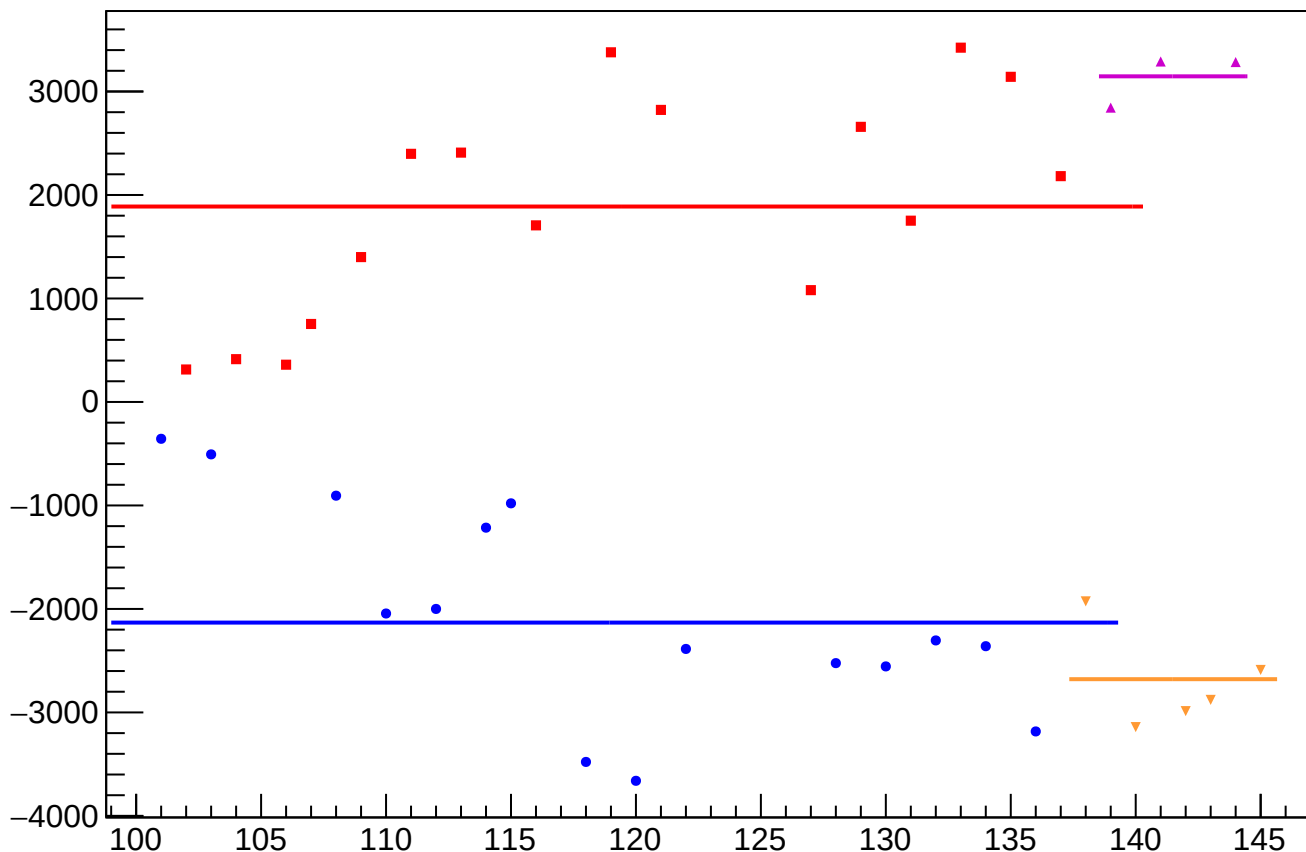
Left: 2.191+/-0.000 χ^2/NDF : 324448467848303360
 Right: 12.139+/-0.000 χ^2/NDF : 9772897307710637
 Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left Out: 64.063+/-0.000 χ^2/NDF : 46009083596790152813989027964256256.0/4
 In: 101.420+/-0.000 χ^2/NDF : 53787701829049869
 Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Out: -73.066+/-0.000 χ^2/NDF : 3264927088235739
 Left In: -82.974+/-0.000 χ^2/NDF : 5273504684481318390981093285167104.0/2
 All: 9.003+/-0.000 χ^2/NDF : 10101452042654

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 955.265 $\pm$ 0.000 χ^2 /NDF: 15766888186948653589984415078017925120.0/4
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 $\pm$ 0.000 χ^2 /NDF: 4322028015098784947615018931883868160.0/2
 All: 29.213 $\pm$ 0.000 χ^2 /NDF: 2071681702276

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905+/-0.000

Left Out: -2678.718+/-0.000

Right Out: 1888.448+/-0.000

Left In: 3146.489+/-0.000

χ^2/NDF : 722433384570495071131450661983670501376.0/14

χ^2/NDF : 69384614777638316512759728696968871936.0/4

χ^2/NDF : 791986665551980691032719862611769819136.0/15

χ^2/NDF : 10850628337197959709052746532581801984.0/2

Left: -227.517+/-0.000 χ^2/NDF : 509207657430447

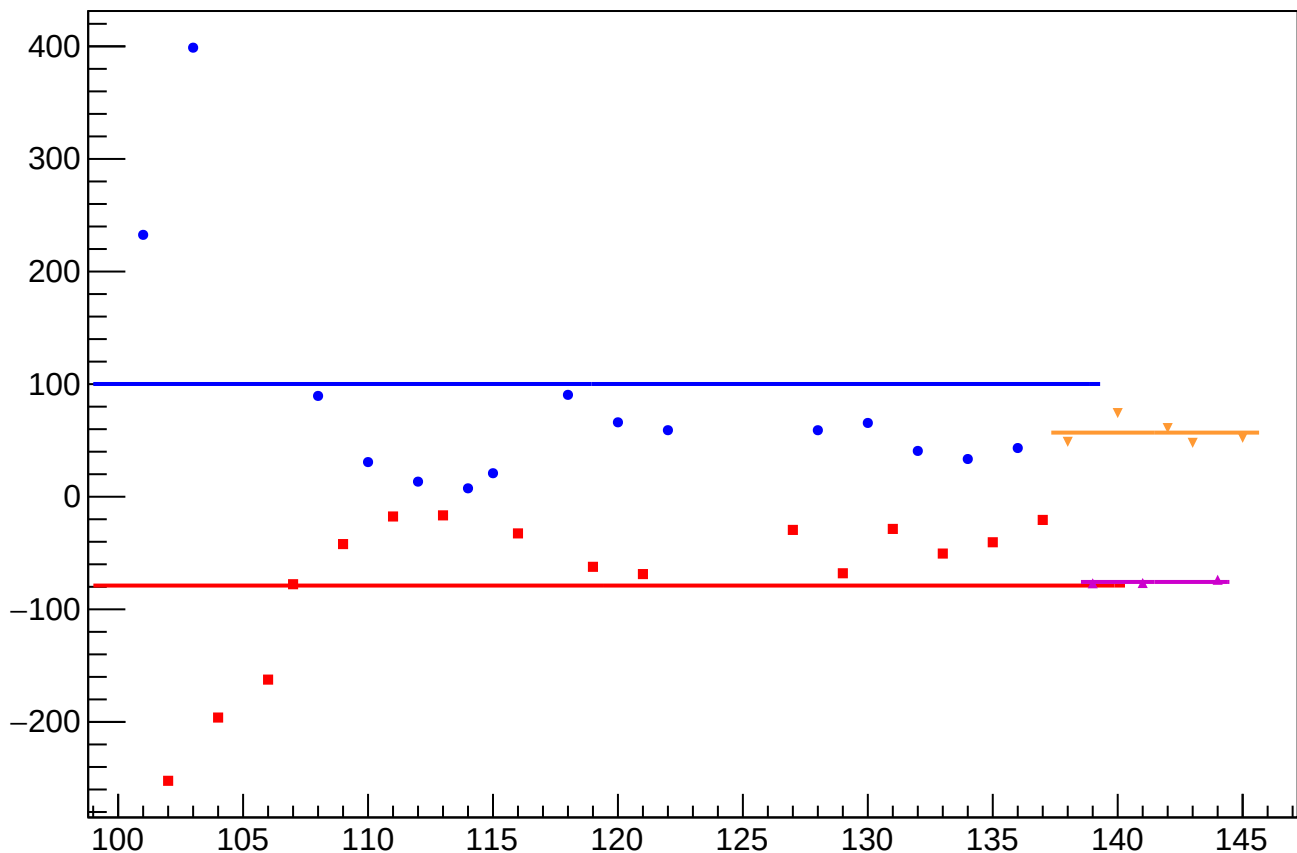
Right: -94.234+/-0.000 χ^2/NDF : 683113062504059

In: -642.978+/-0.000 χ^2/NDF : 5833869257095498

Out: 313.718+/-0.000 χ^2/NDF : 5658470639365860

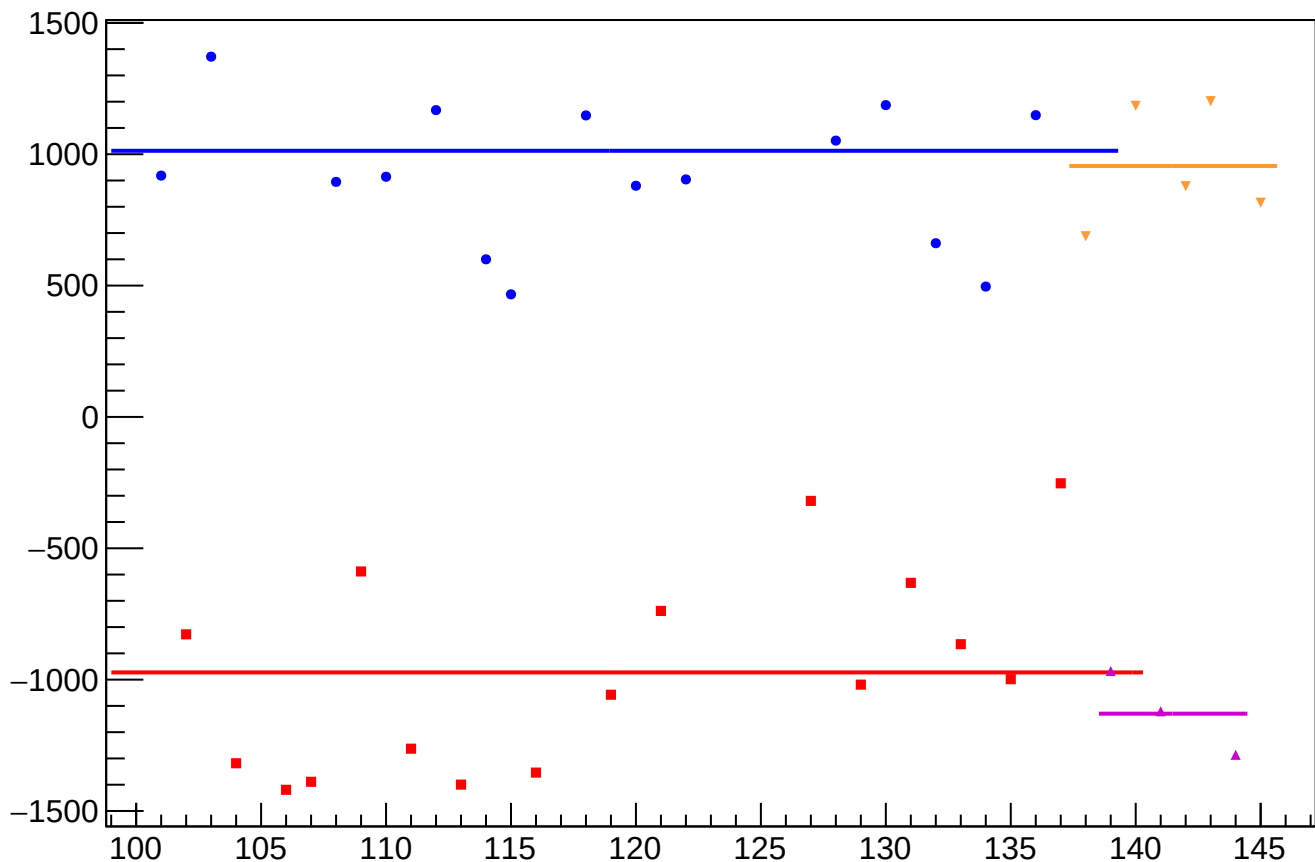
All: -136.257+/-0.000 χ^2/NDF : 11930578203

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 100.135 +/- 0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: 56.950 +/- 0.000 χ^2/NDF : 37835890135541291439670588172402688.0/4
 Right Out: -78.881 +/- 0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Left In: -75.680 +/- 0.000 χ^2/NDF : 528755301775547581160004232675328.0/2
 All: 6.798 +/- 0.000 χ^2/NDF : 24545278674426

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 955.265+/-0.000

Right Out: -972.465+/-0.000

Left In: -1129.600+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 15766888186948653589984415078017925120.0/4

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4322028015098784947615018931883868160.0/2

Left: 77.970+/-0.000 χ^2/NDF : 66208227010841883

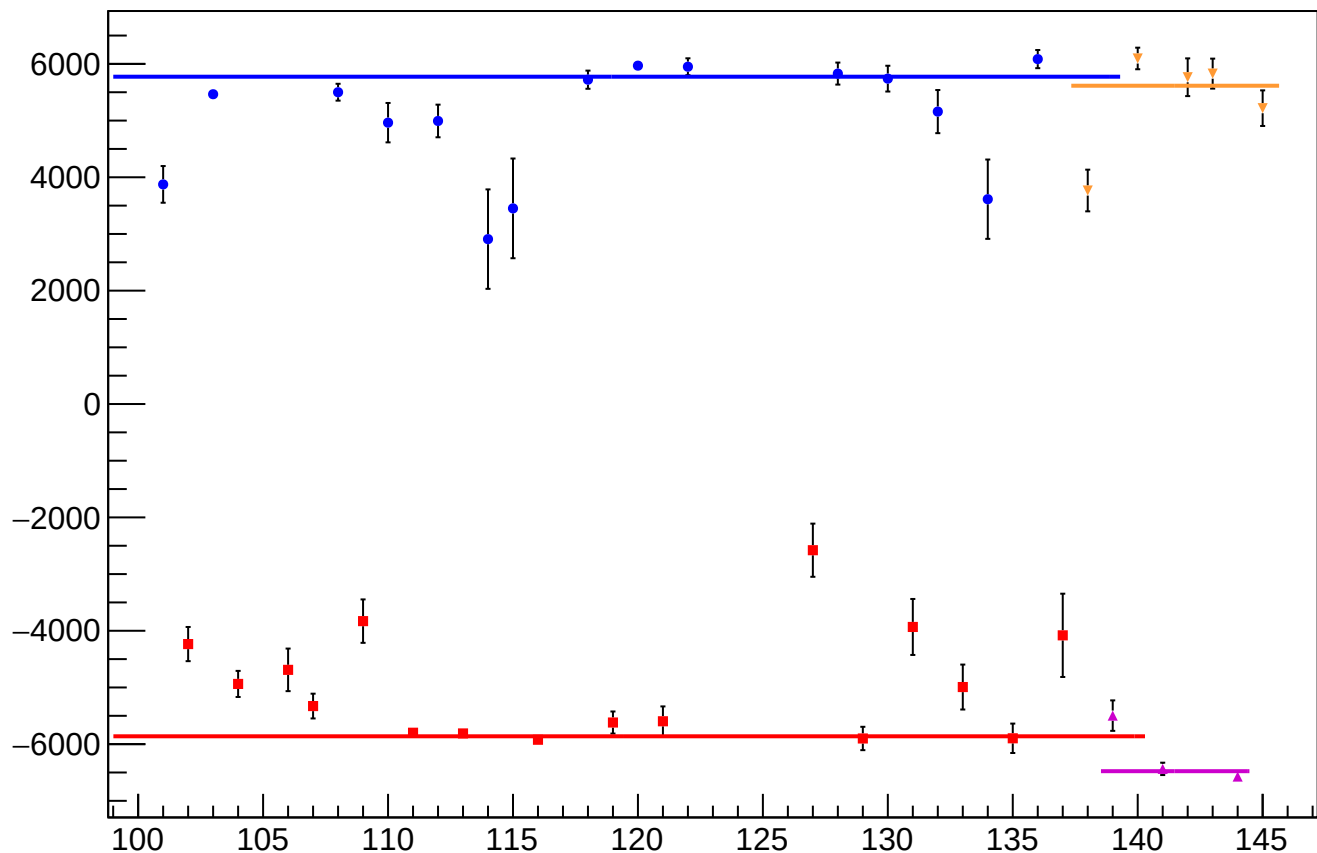
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 408.721+/-0.000 χ^2/NDF : 87658252638284225

Out: -307.796+/-0.000 χ^2/NDF : 949280020607700

All: 29.213+/-0.000 χ^2/NDF : 2071681702276

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 5614.930 $\pm$ 120.817 χ^2 /NDF:34.1/4

Right Out: -5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

Left In: -6476.899 $\pm$ 60.055 χ^2 /NDF:15.1/2

Left: -4081.159 $\pm$ 53.777 χ^2 /NDF: 8081.4/7

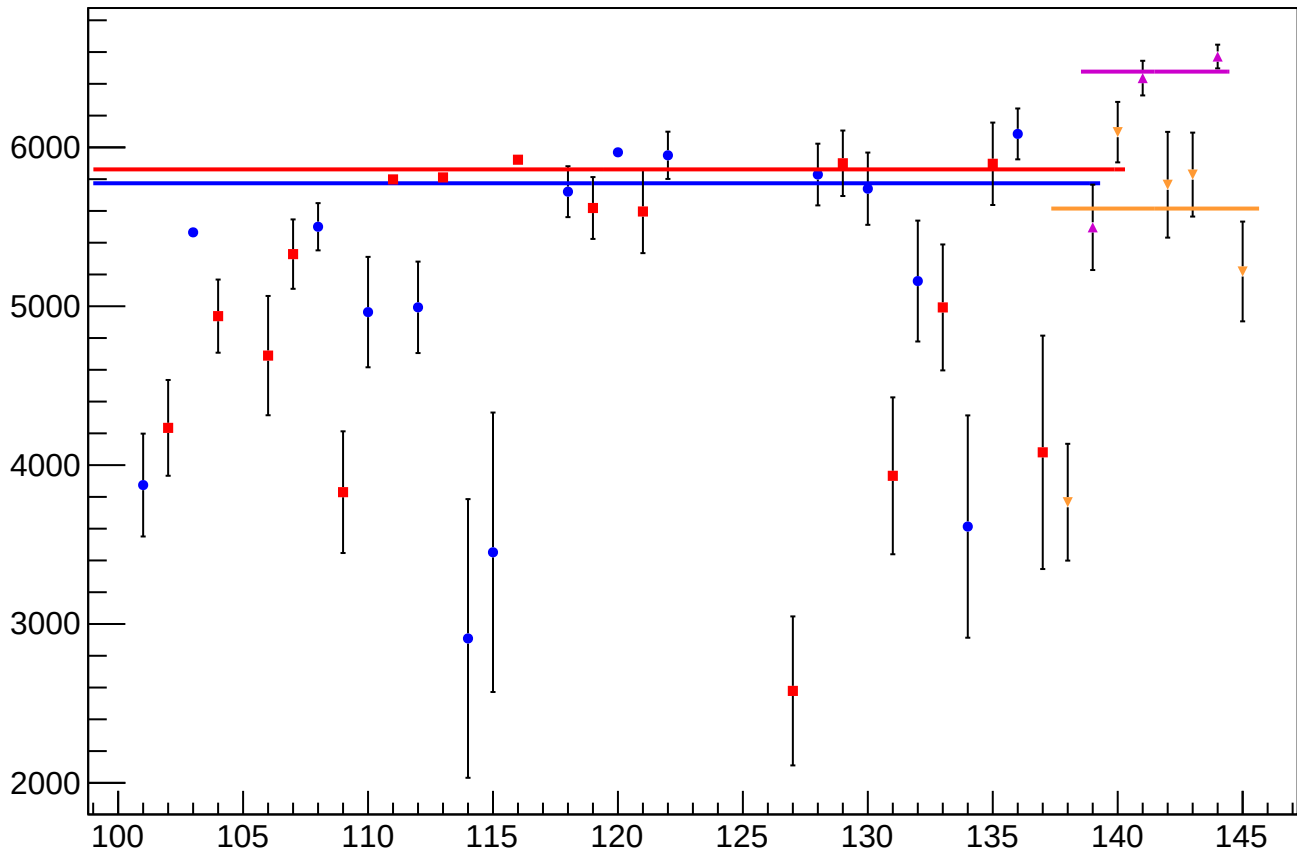
Right: -1536.191 $\pm$ 0.111 χ^2 /NDF: 2585354230.9/30

In: 5774.005 $\pm$ 0.181 χ^2 /NDF:1870156.0/17

Out: -5861.446 $\pm$ 0.140 χ^2 /NDF:189077.7/20

All: -1536.202 $\pm$ 0.111 χ^2 /NDF: 2585364551

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF : 1828526.5/14

Left Out: 5614.930+/-120.817 χ^2/NDF :34.1/4

Right Out: 5861.461+/-0.140 χ^2/NDF : 180020.4/15

Left In: 6476.899+/-60.055 χ^2/NDF :15.1/2

Left: 6306.118+/-53.777 χ^2/NDF : 90.0/7

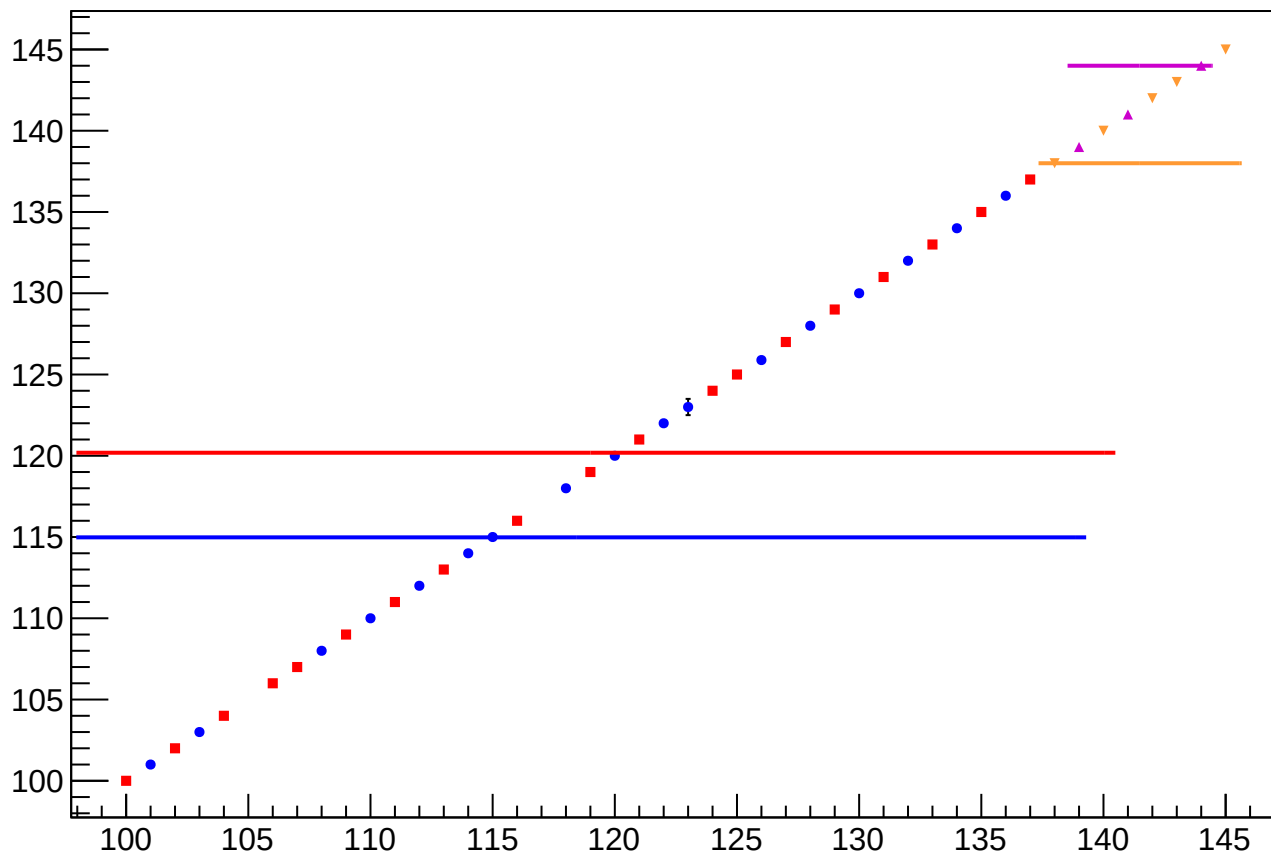
Right: 5828.993+/-0.111 χ^2/NDF : 2154118.4/30

In: 5774.123+/-0.181 χ^2/NDF :1828678.5/17

Out: 5861.461+/-0.140 χ^2/NDF :180058.7/20

All: 5828.995+/-0.111 χ^2/NDF : 2154287.1/38

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16

Left Out: 138.000+/-0.000 χ^2/NDF : 6785.0/4

Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18

Left In: 144.000+/-0.000 χ^2/NDF : 2790.0/2

Left: 141.200+/-0.000 χ^2/NDF : 1830170554079540

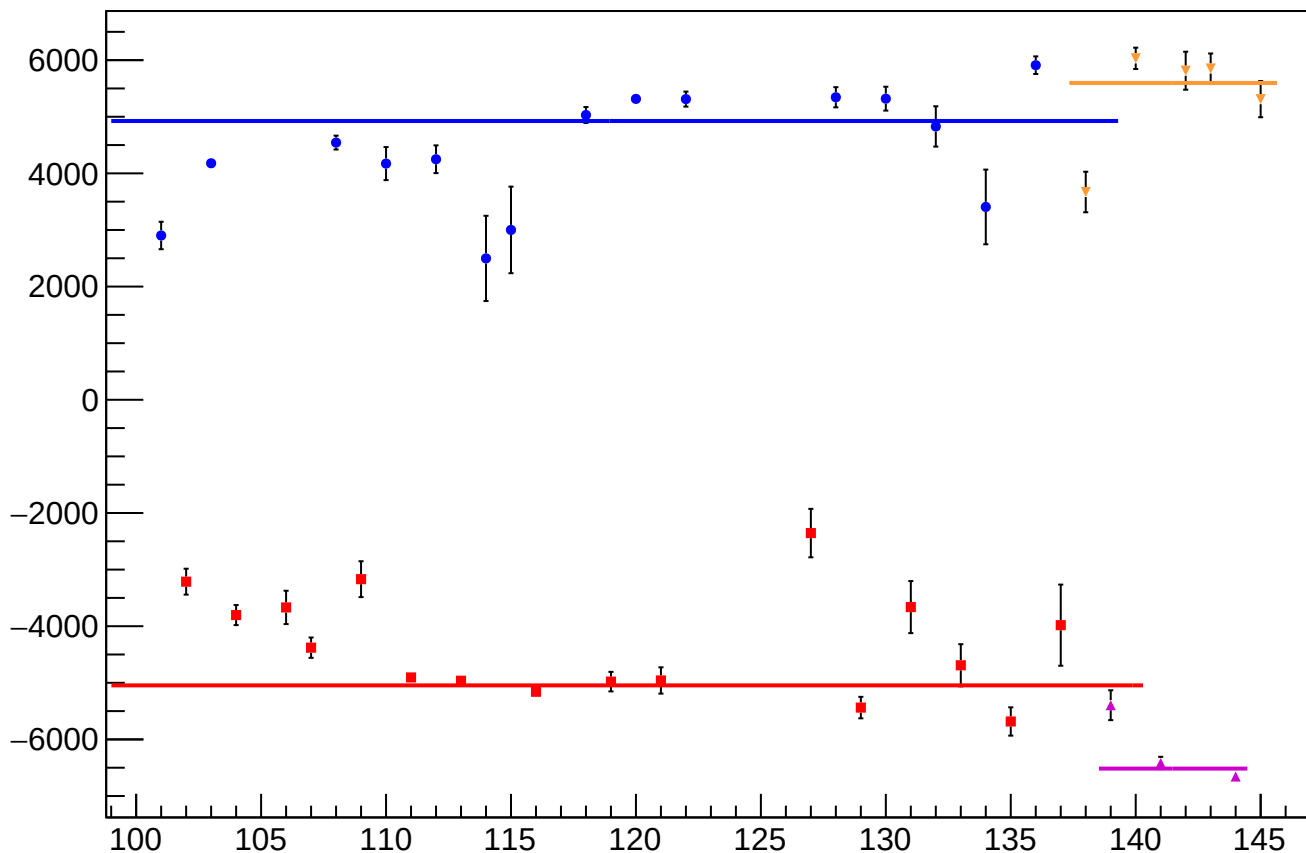
Right: 117.096+/-0.000 χ^2/NDF : 180832885295768

In: 116.975+/-0.000 χ^2/NDF : 19778221384451511

Out: 121.722+/-0.000 χ^2/NDF : 7987328592335955

All: 118.926+/-0.000 χ^2/NDF : 292330962995

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 5597.018 $\pm$ 120.498 χ^2 /NDF:36.4/4

Right Out: -5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

Left In: -6515.207 $\pm$ 60.441 χ^2 /NDF:22.3/2

Left: -4080.390 $\pm$ 54.026 χ^2 /NDF: 8131.5/7

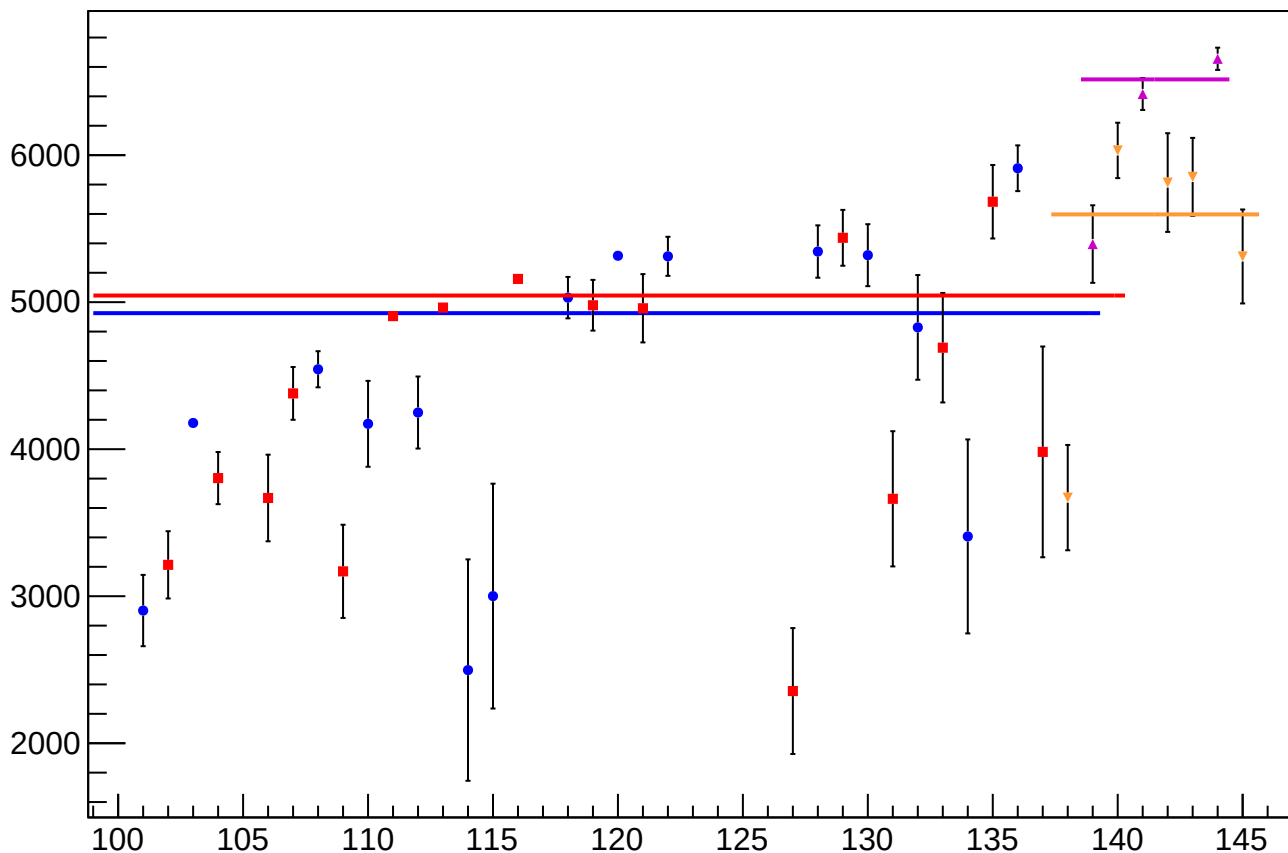
Right: -1694.510 $\pm$ 0.544 χ^2 /NDF: 75266282.5/30

In: 4922.547 $\pm$ 0.939 χ^2 /NDF:366836.3/17

Out: -5044.894 $\pm$ 0.668 χ^2 /NDF:38016.3/20

All: -1694.752 $\pm$ 0.544 χ^2 /NDF: 75276364.1/30

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2/NDF : 330994.6/14

Left Out: 5597.018 $\pm$ 120.498 χ^2/NDF : 36.4/4

Right Out: 5045.221 $\pm$ 0.668 χ^2/NDF : 30179.9/15

Left In: 6515.207 $\pm$ 60.441 χ^2/NDF : 22.3/2

Left: 6330.631 $\pm$ 54.026 χ^2/NDF : 105.1/7

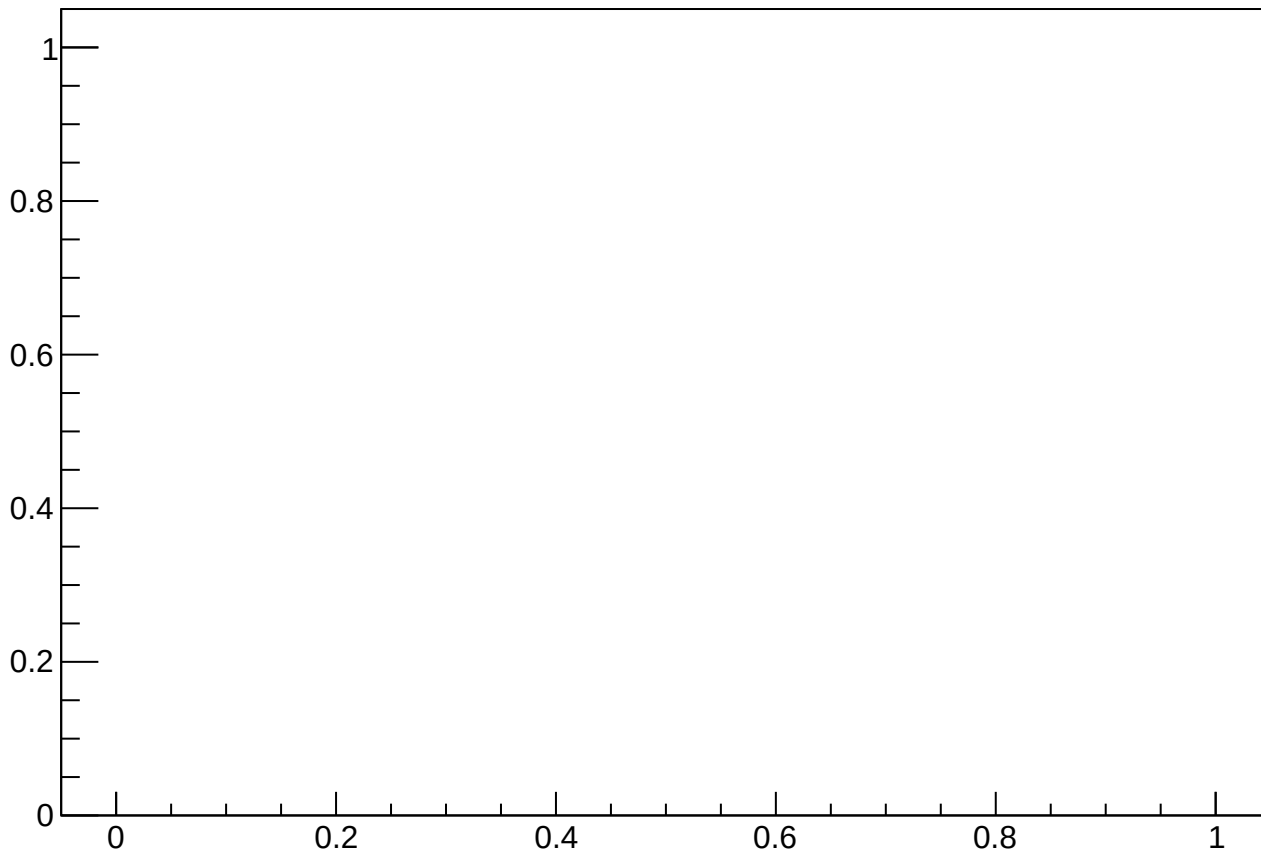
Right: 5004.922 $\pm$ 0.544 χ^2/NDF : 372009.4/30

In: 4925.689 $\pm$ 0.939 χ^2/NDF : 331708.6/17

Out: 5045.238 $\pm$ 0.668 χ^2/NDF : 30237.3/20

All: 5005.057 $\pm$ 0.544 χ^2/NDF : 372716.6/38

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 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

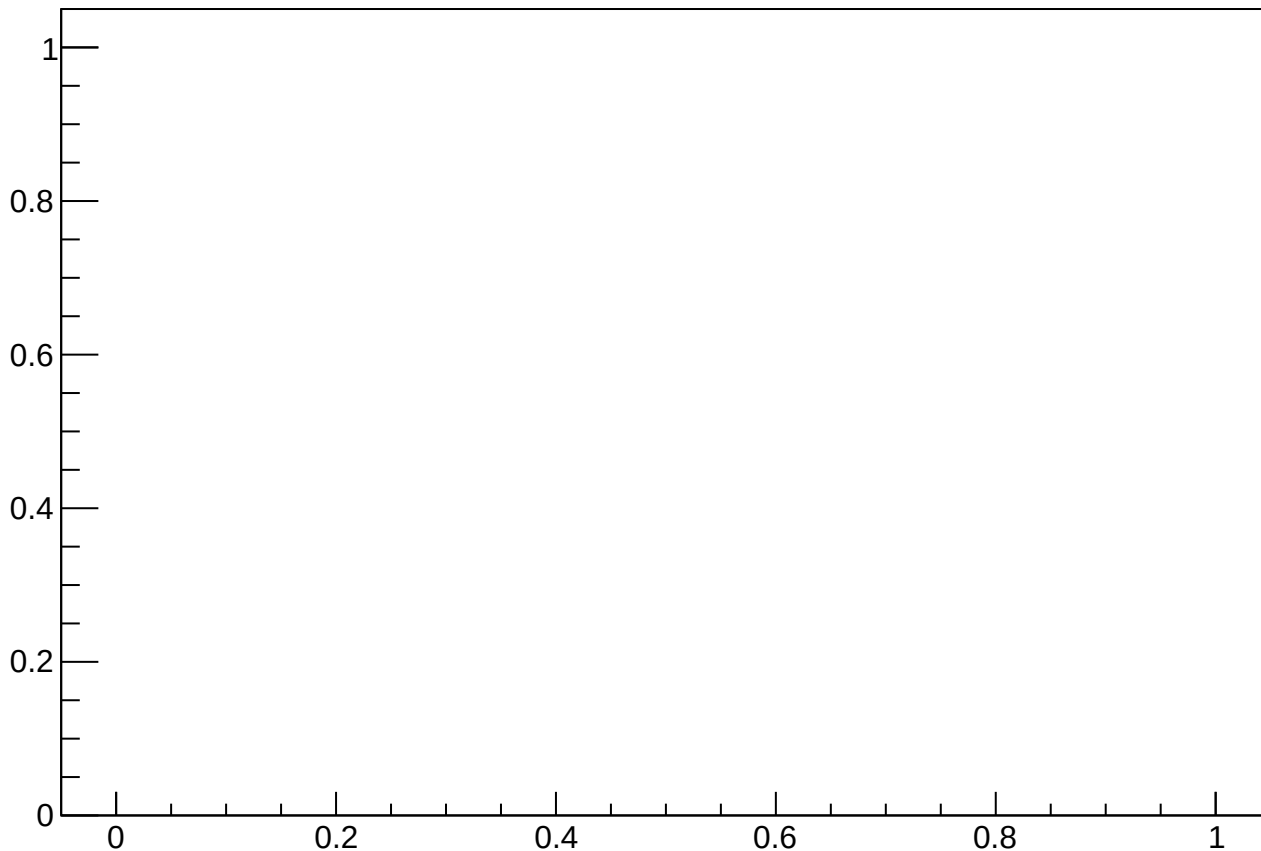
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

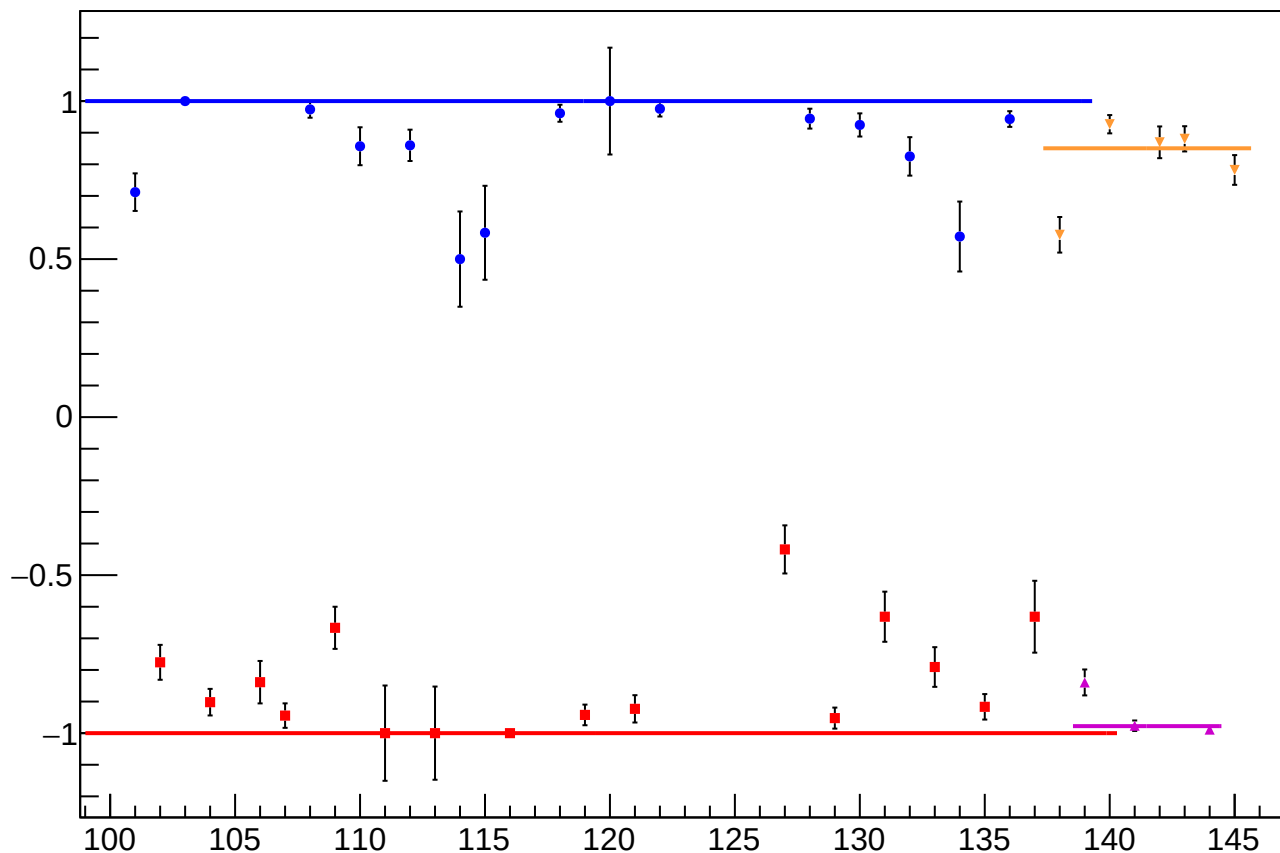
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Left: -0.618 ± 0.008 $\chi^2/\text{NDF}: 8061.8/7$

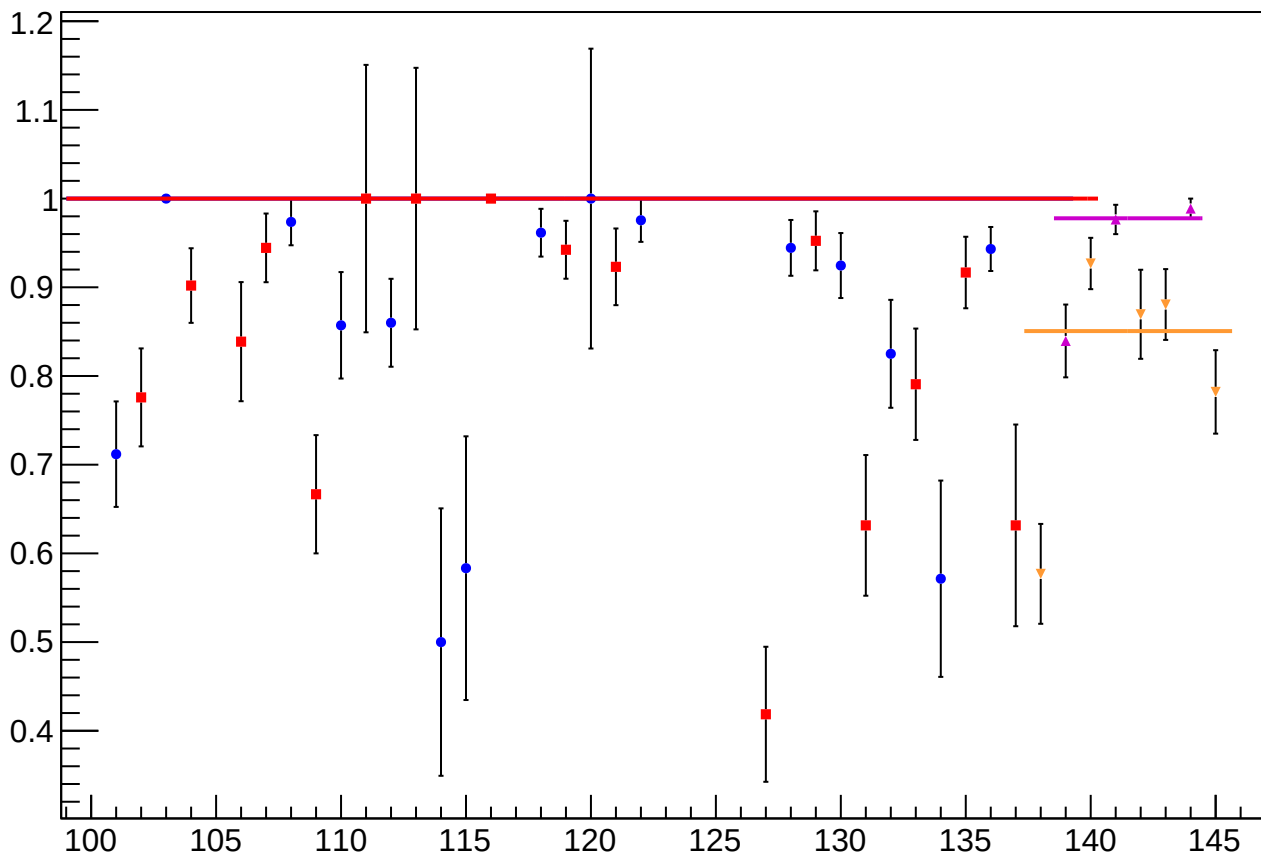
Right: 0.398 ± 0.000 $\chi^2/\text{NDF}: 14173250084479480$

In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 47716.1/17$

Out: -1.000 ± 0.000 $\chi^2/\text{NDF}: 10429.1/20$

All: 0.398 ± 0.000 $\chi^2/\text{NDF}: 14173250084479$

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.851+/-0.018 χ^2/NDF :33.4/4

Right Out: 1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: 0.978+/-0.009 χ^2/NDF :12.3/2

Left: 0.953+/-0.008 χ^2/NDF : 84.5/7

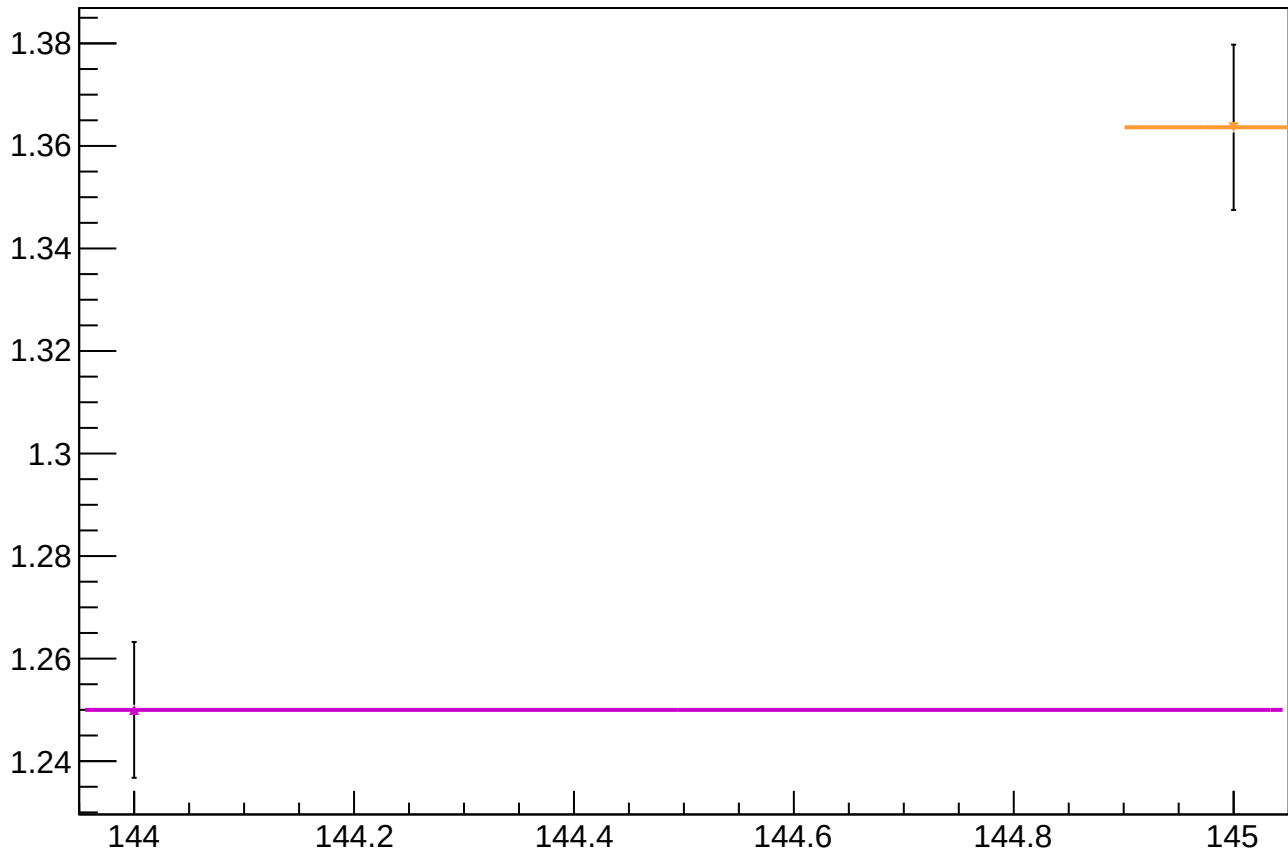
Right: 1.000+/-0.000 χ^2/NDF : 347.8/30

In: 1.000+/-0.000 χ^2/NDF :114.2/17

Out: 1.000+/-0.000 χ^2/NDF :268.9/20

All: 1.000+/-0.000 χ^2/NDF : 466.1/38

dit_segment_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1.364 $\pm$ 0.016 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.250 $\pm$ 0.013 χ^2 /NDF:0.0/0

Left: 1.296 $\pm$ 0.010 χ^2 /NDF: 29.7/1

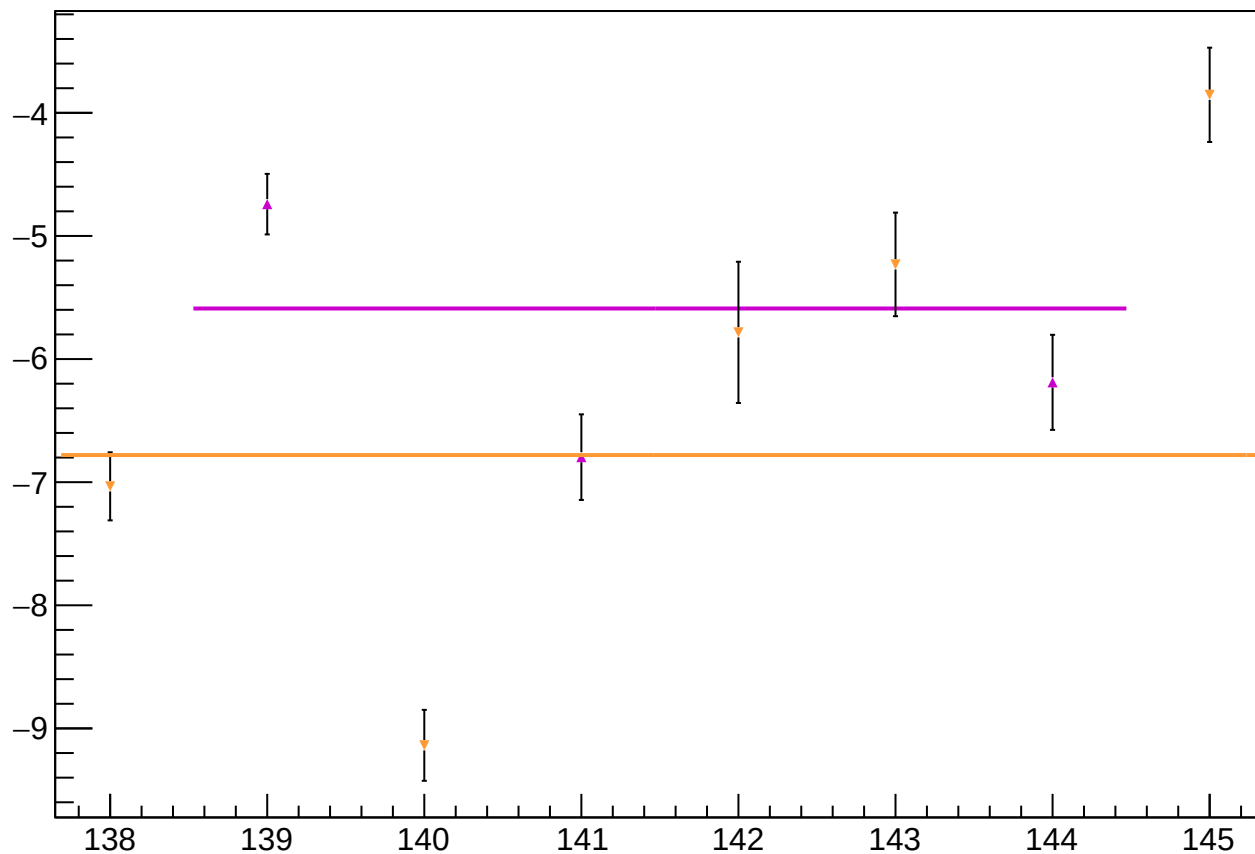
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.250 $\pm$ 0.013 χ^2 /NDF:0.0/0

Out: 1.364 $\pm$ 0.016 χ^2 /NDF:0.0/0

All: 1.296 $\pm$ 0.010 χ^2 /NDF: 29.7/1

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -6.780+/-0.157 χ^2/NDF :142.7/4

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

Left In: -5.589+/-0.178 χ^2/NDF :26.3/2

Left: -6.260+/-0.118 χ^2/NDF : 194.2/7

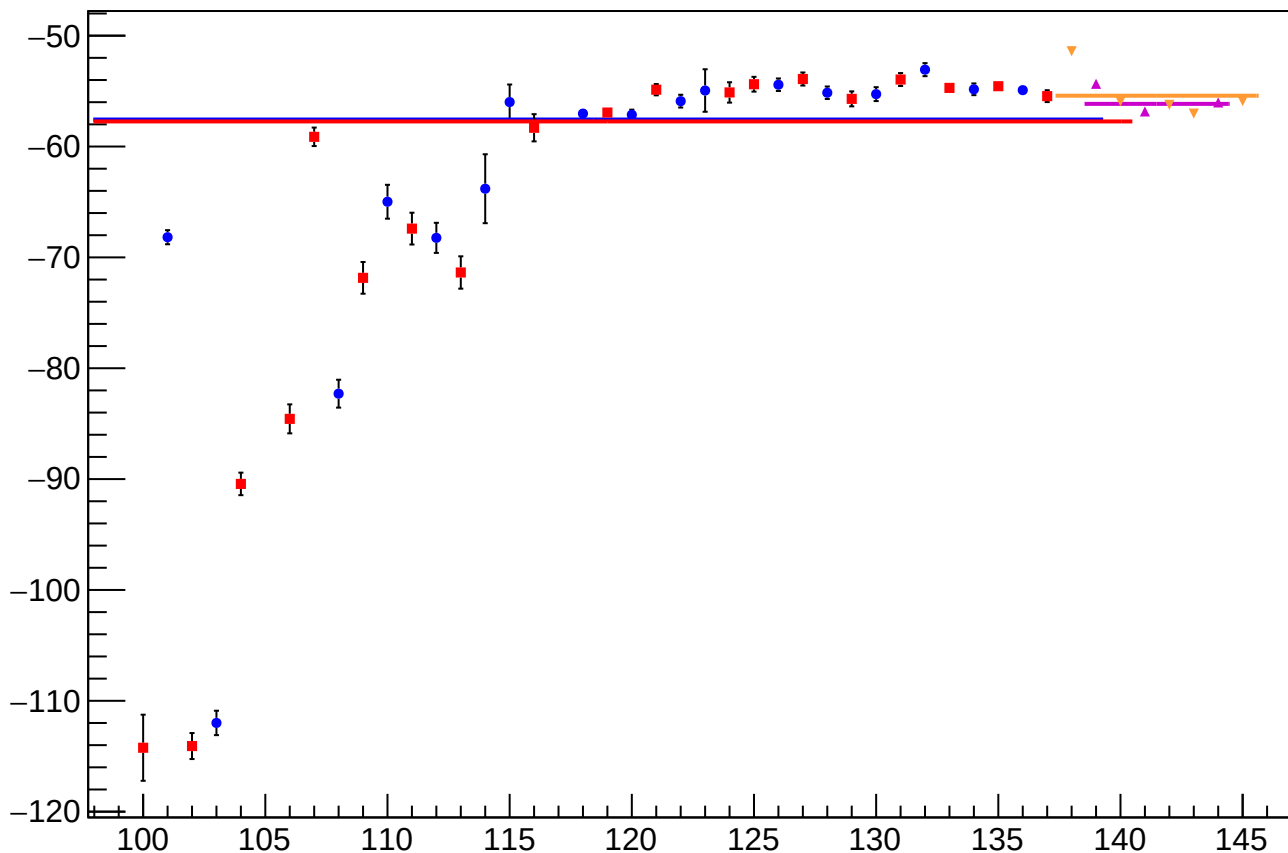
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.589+/-0.178 χ^2/NDF :26.3/2

Out: -6.780+/-0.157 χ^2/NDF :142.7/4

All: -6.260+/-0.118 χ^2/NDF : 194.2/7

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -55.415 ± 0.134 χ^2/NDF : 197.1/4

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

Left In: -56.152 ± 0.172 χ^2/NDF : 24.2/2

Left: -55.694 ± 0.106 χ^2/NDF : 232.8/7

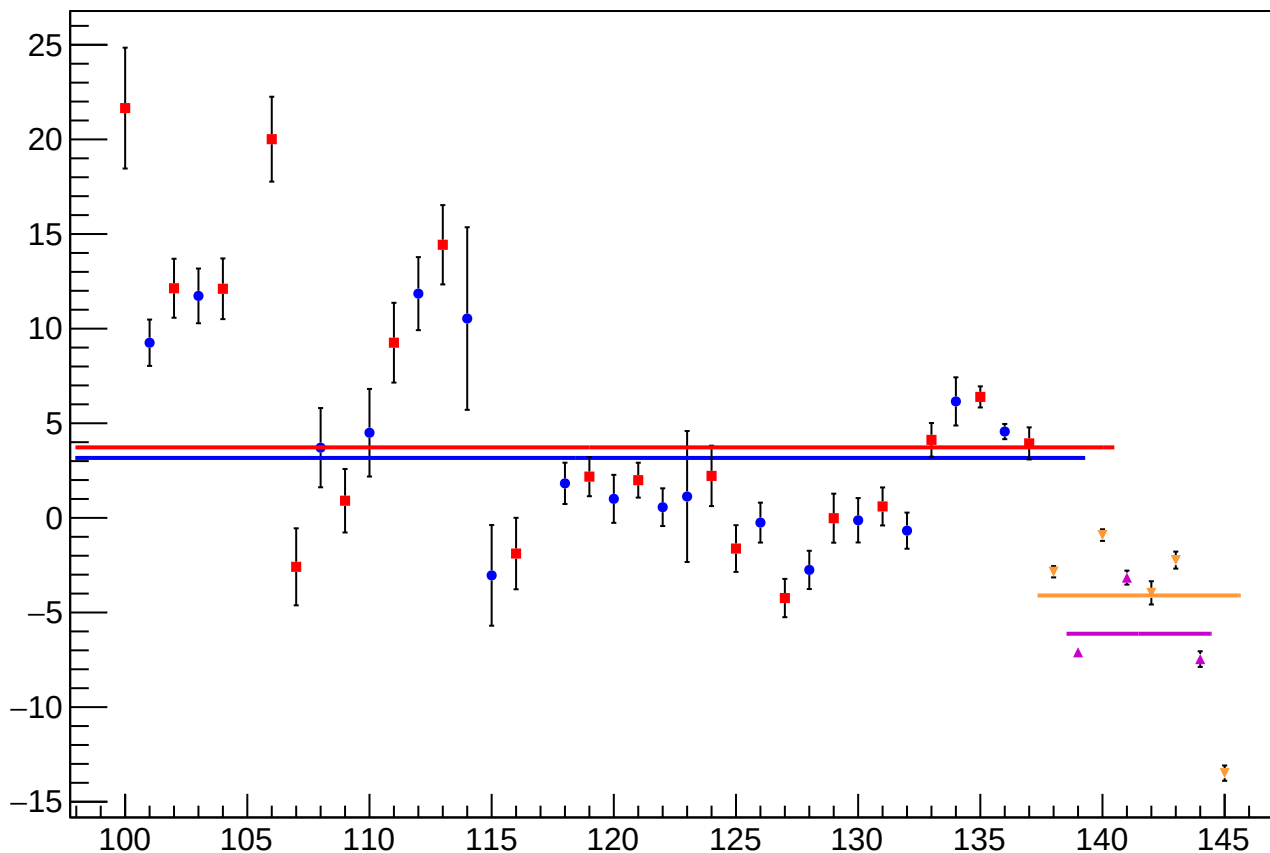
Right: -57.649 ± 0.101 χ^2/NDF : 8155.1/35

In: -56.993 ± 0.109 χ^2/NDF : 3520.3/19

Out: -56.500 ± 0.098 χ^2/NDF : 5035.8/23

All: -56.719 ± 0.073 χ^2/NDF : 8567.5/43

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -4.100 ± 0.168 χ^2/NDF : 681.8/4

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

Left In: -6.122 ± 0.191 χ^2/NDF : 88.3/2

Left: -4.979 ± 0.126 χ^2/NDF : 833.2/7

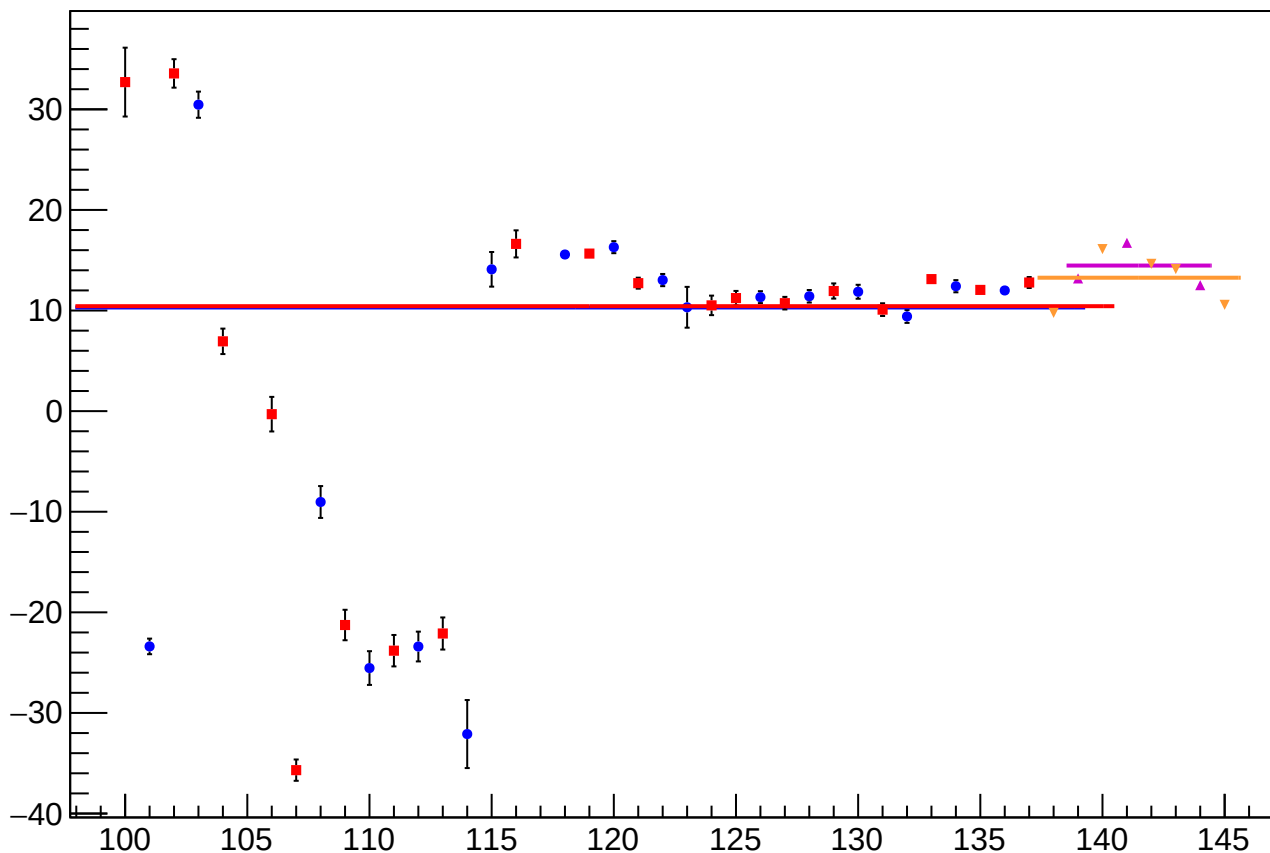
Right: 3.437 ± 0.185 χ^2/NDF : 511.7/35

In: -2.819 ± 0.154 χ^2/NDF : 1111.8/19

Out: -1.881 ± 0.142 χ^2/NDF : 1620.3/23

All: -2.314 ± 0.104 χ^2/NDF : 2752.1/43

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

Left Out: 13.263 $\pm$ 0.157 χ^2 /NDF:264.9/4

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

Left In: 14.472 $\pm$ 0.197 χ^2 /NDF:101.0/2

Left: 13.732 $\pm$ 0.123 χ^2 /NDF: 388.9/7

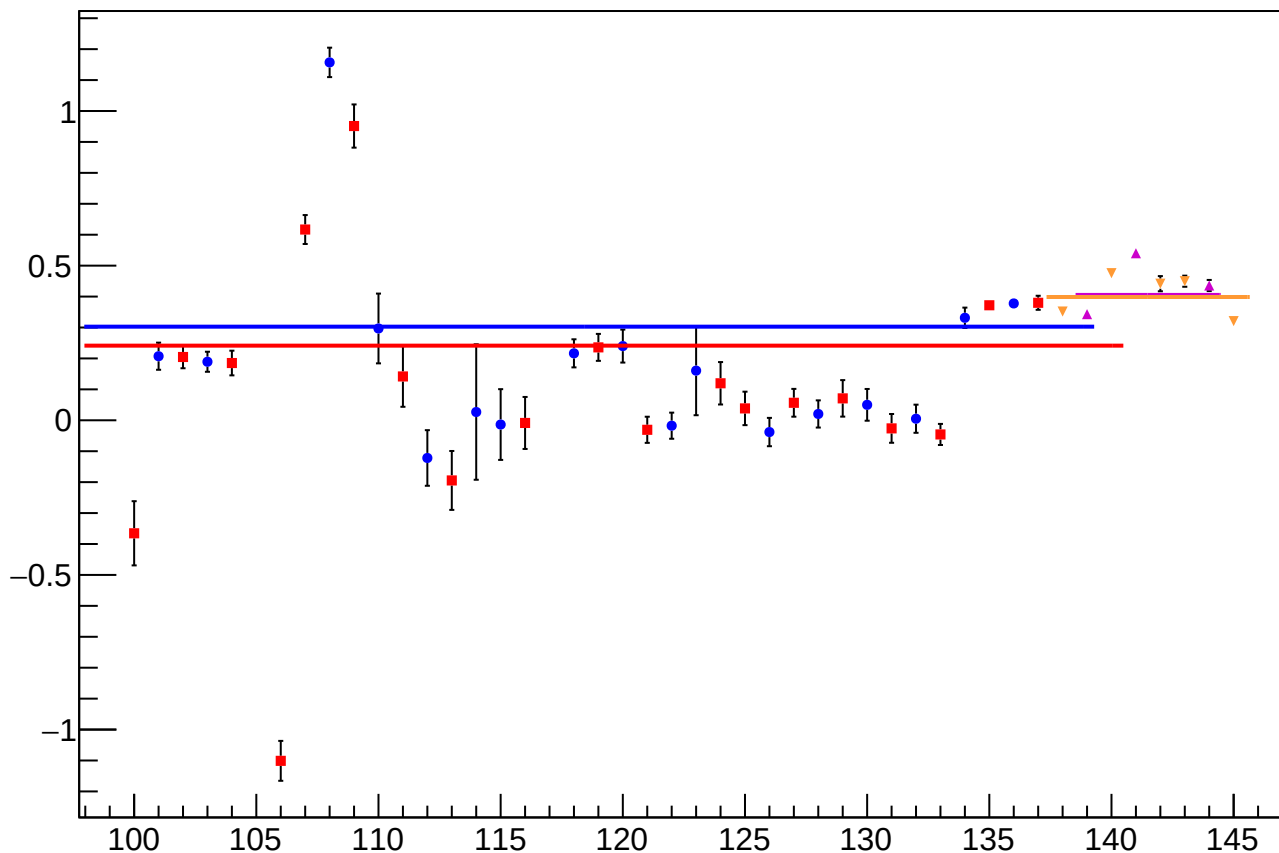
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7541.1/35

In: 11.924 $\pm$ 0.123 χ^2 /NDF:4087.5/19

Out: 11.877 $\pm$ 0.112 χ^2 /NDF:4253.2/23

All: 11.898 $\pm$ 0.083 χ^2 /NDF: 8340.8/43

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: 0.399 $\pm$ 0.007 χ^2 /NDF:85.6/4

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

Left In: 0.405 $\pm$ 0.007 χ^2 /NDF:128.7/2

Left: 0.402 $\pm$ 0.005 χ^2 /NDF: 214.8/7

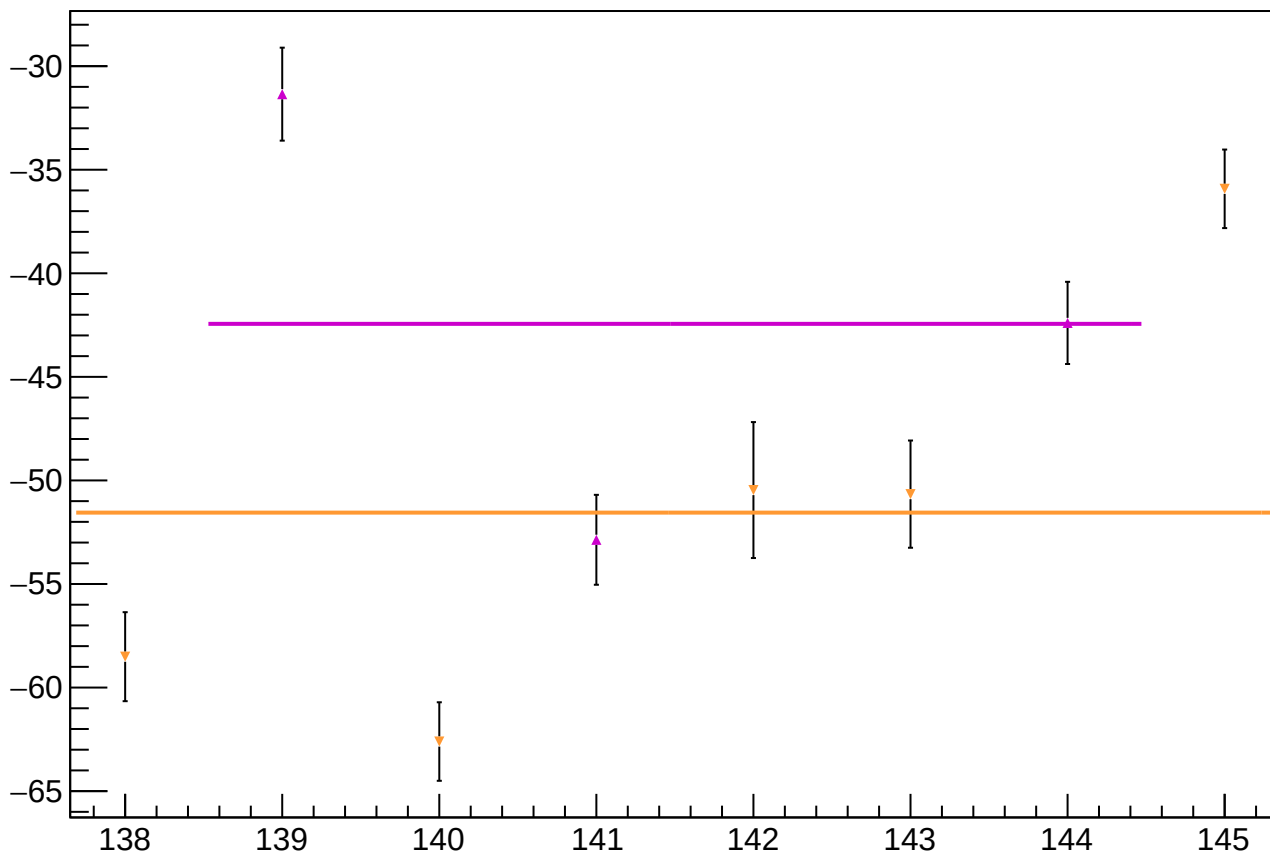
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1660.4/35

In: 0.360 $\pm$ 0.005 χ^2 /NDF:863.1/19

Out: 0.338 $\pm$ 0.005 χ^2 /NDF:1282.5/23

All: 0.349 $\pm$ 0.004 χ^2 /NDF: 2154.4/43

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -51.554+/-0.992 χ^2/NDF :112.7/4

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

Left In: -42.441+/-1.226 χ^2/NDF :47.5/2

Left: -47.948+/-0.771 χ^2/NDF : 193.5/7

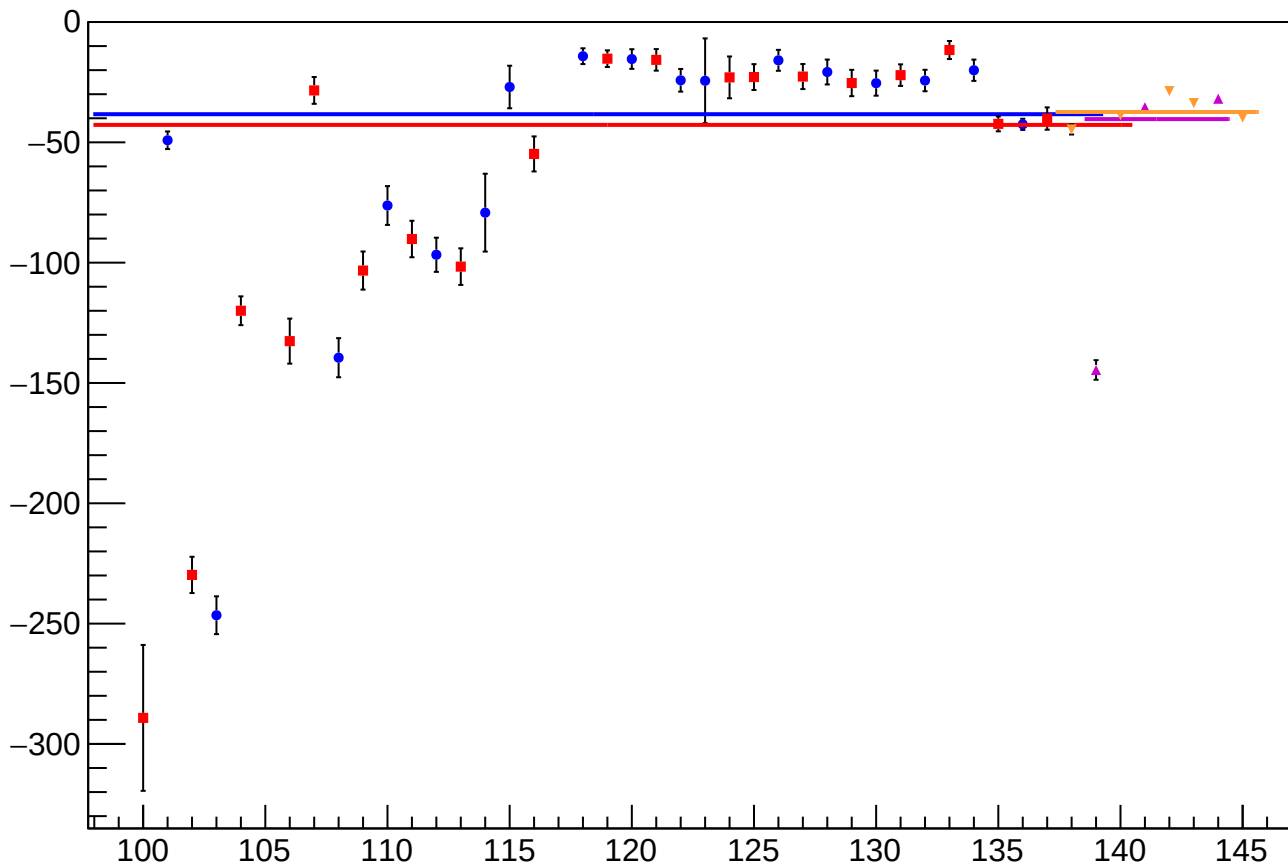
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.441+/-1.226 χ^2/NDF :47.5/2

Out: -51.554+/-0.992 χ^2/NDF :112.7/4

All: -47.948+/-0.771 χ^2/NDF : 193.5/7

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: -37.389 ± 0.786 $\chi^2/\text{NDF}: 36.9/4$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

Left In: -40.343 ± 1.011 $\chi^2/\text{NDF}: 701.6/2$

Left: -38.500 ± 0.620 $\chi^2/\text{NDF}: 743.8/7$

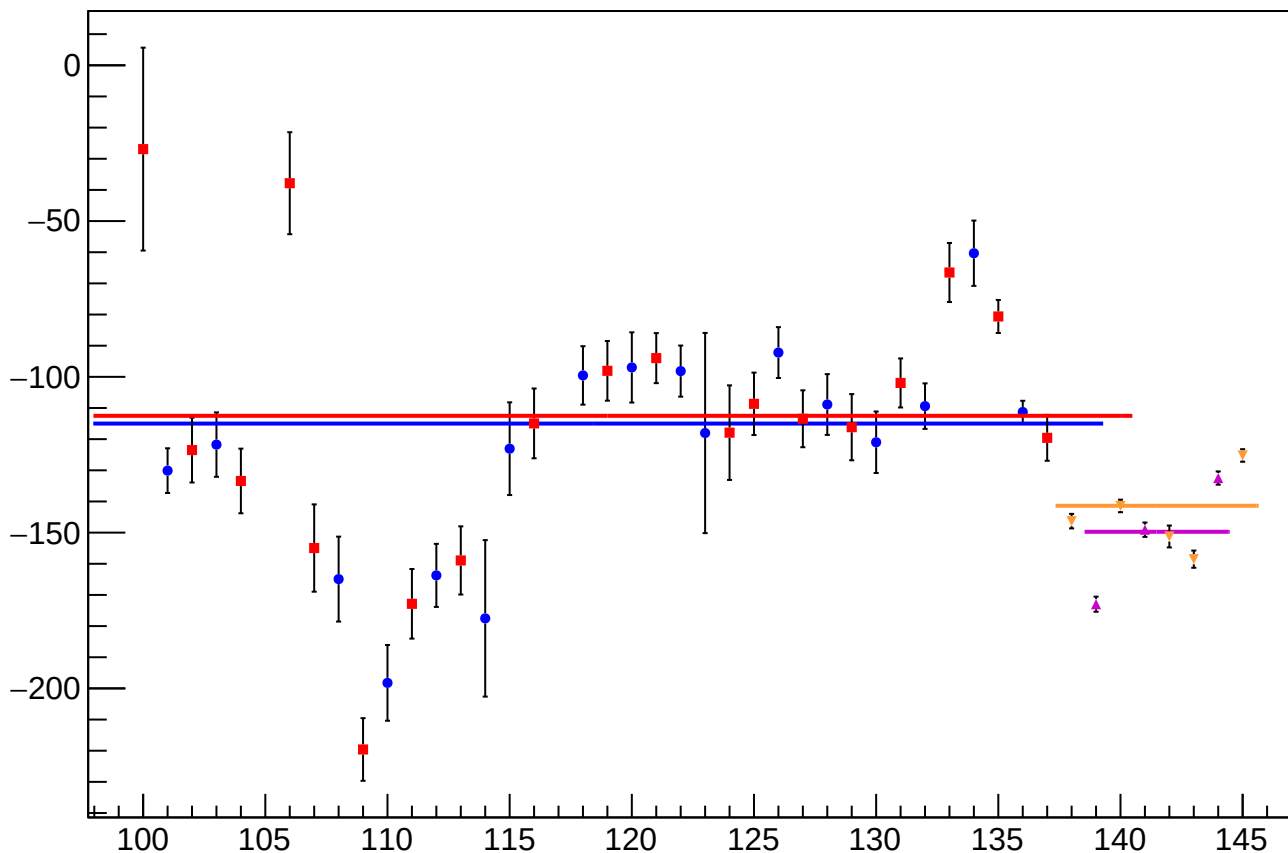
Right: -40.393 ± 0.829 $\chi^2/\text{NDF}: 2481.4/35$

In: -39.445 ± 0.756 $\chi^2/\text{NDF}: 1836.1/19$

Out: -38.979 ± 0.659 $\chi^2/\text{NDF}: 1392.3/23$

All: -39.180 ± 0.497 $\chi^2/\text{NDF}: 3228.6/43$

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: -141.384 ± 1.061 $\chi^2/\text{NDF}: 114.9/4$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

Left In: -149.730 ± 1.314 $\chi^2/\text{NDF}: 157.6/2$

Left: -144.678 ± 0.826 $\chi^2/\text{NDF}: 297.0/7$

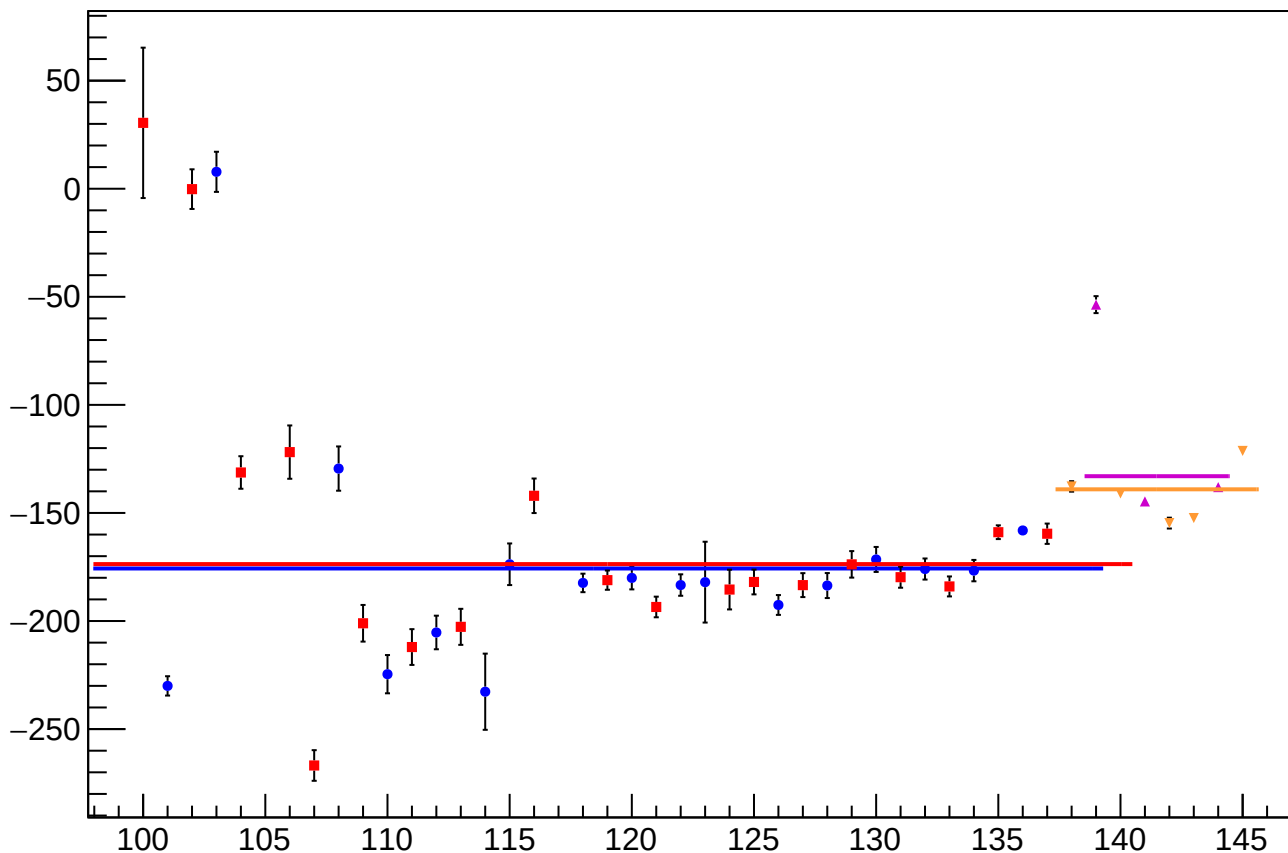
Right: -113.831 ± 1.511 $\chi^2/\text{NDF}: 415.6/35$

In: -139.765 ± 1.110 $\chi^2/\text{NDF}: 499.8/19$

Out: -135.958 ± 0.957 $\chi^2/\text{NDF}: 527.1/23$

All: -137.580 ± 0.725 $\chi^2/\text{NDF}: 1033.6/43$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -139.072 ± 0.931 χ^2/NDF : 180.2/4

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

Left In: -132.999 ± 1.188 χ^2/NDF : 458.1/2

Left: -136.763 ± 0.733 χ^2/NDF : 654.5/7

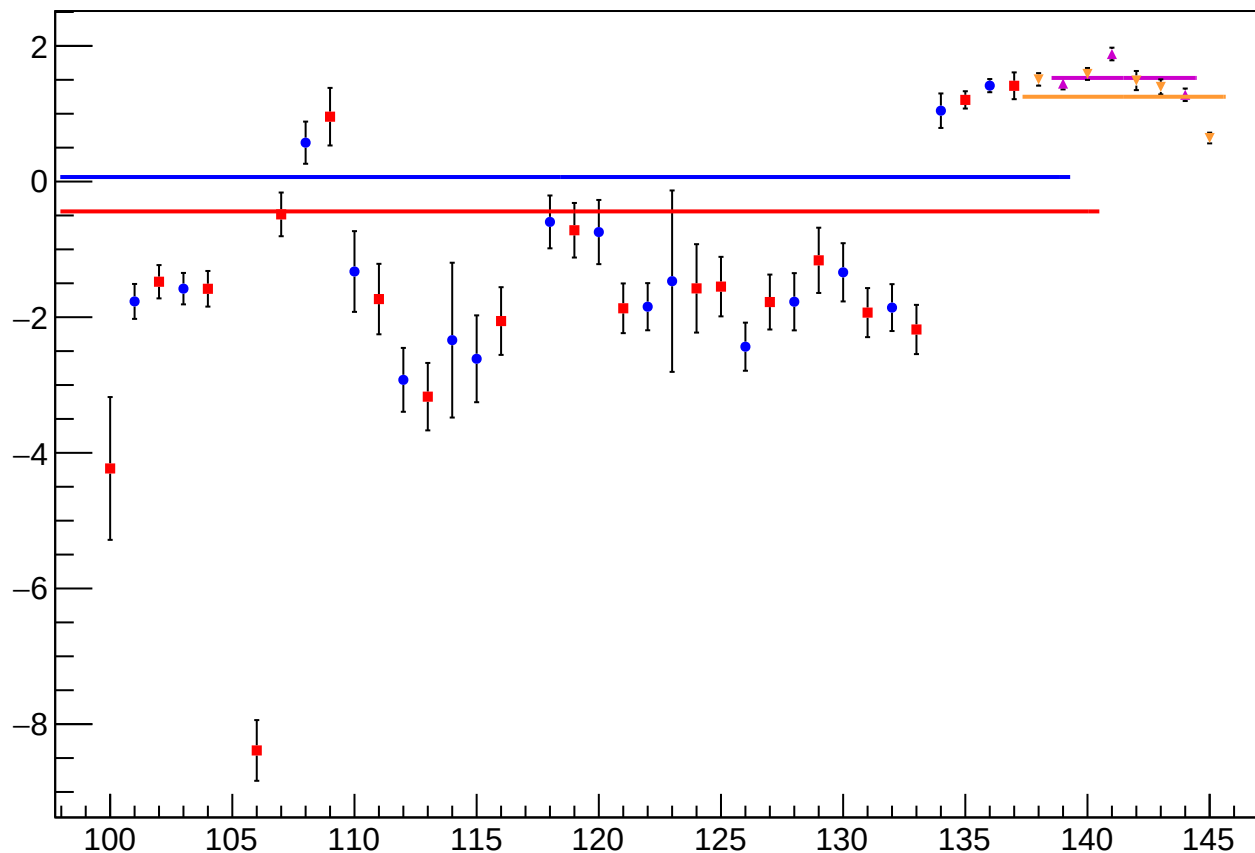
Right: -174.749 ± 0.926 χ^2/NDF : 1431.8/35

In: -152.972 ± 0.867 χ^2/NDF : 1754.9/19

Out: -150.150 ± 0.767 χ^2/NDF : 1360.4/23

All: -151.390 ± 0.575 χ^2/NDF : 3121.2/43

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.250 ± 0.043 χ^2/NDF : 86.1/4

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

Left In: 1.528 ± 0.052 χ^2/NDF : 22.5/2

Left: 1.363 ± 0.033 χ^2/NDF : 125.4/7

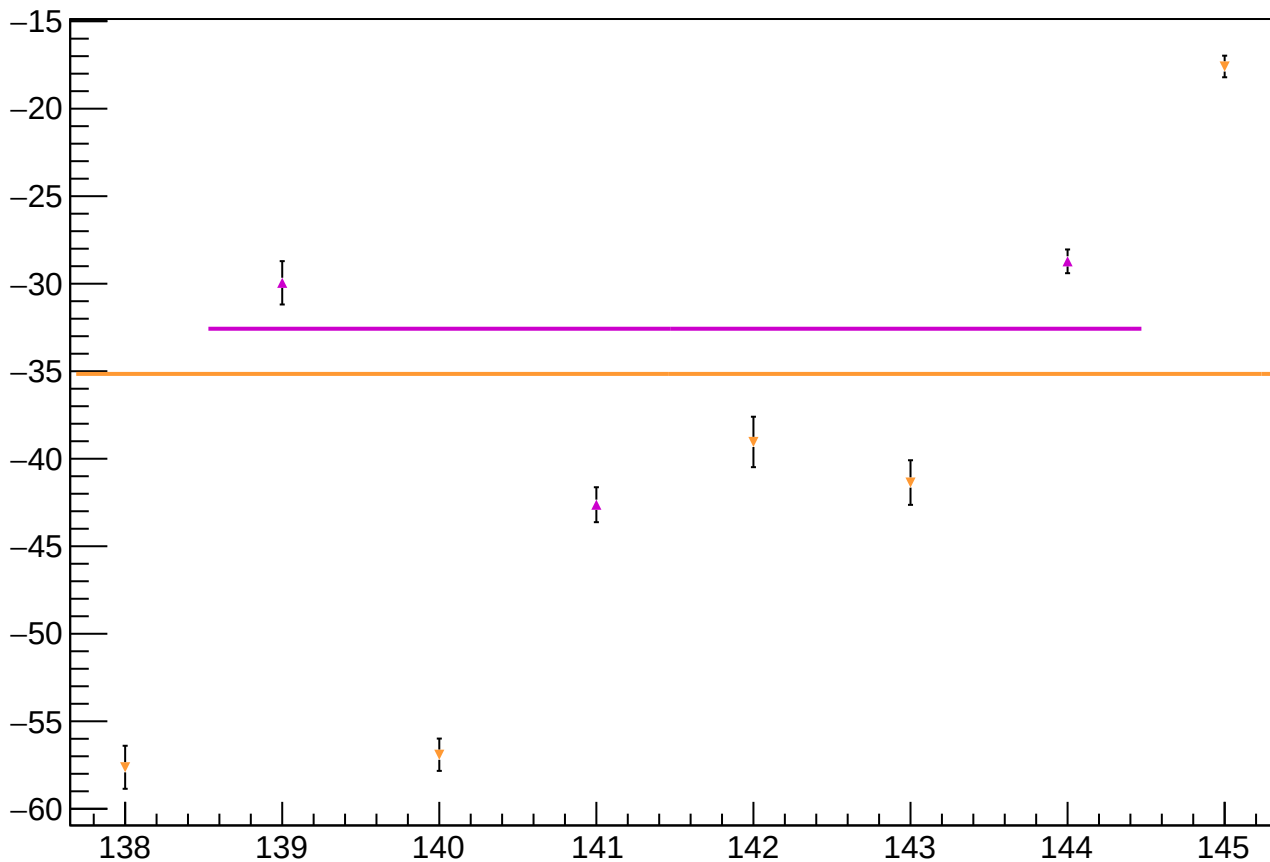
Right: -0.172 ± 0.049 χ^2/NDF : 1308.0/35

In: 0.977 ± 0.041 χ^2/NDF : 845.1/19

Out: 0.796 ± 0.037 χ^2/NDF : 1254.3/23

All: 0.877 ± 0.027 χ^2/NDF : 2110.1/43

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.154+/-0.424 χ^2/NDF :1731.3/4

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

Left In: -32.573+/-0.511 χ^2/NDF :138.2/2

Left: -34.101+/-0.326 χ^2/NDF : 1884.6/7

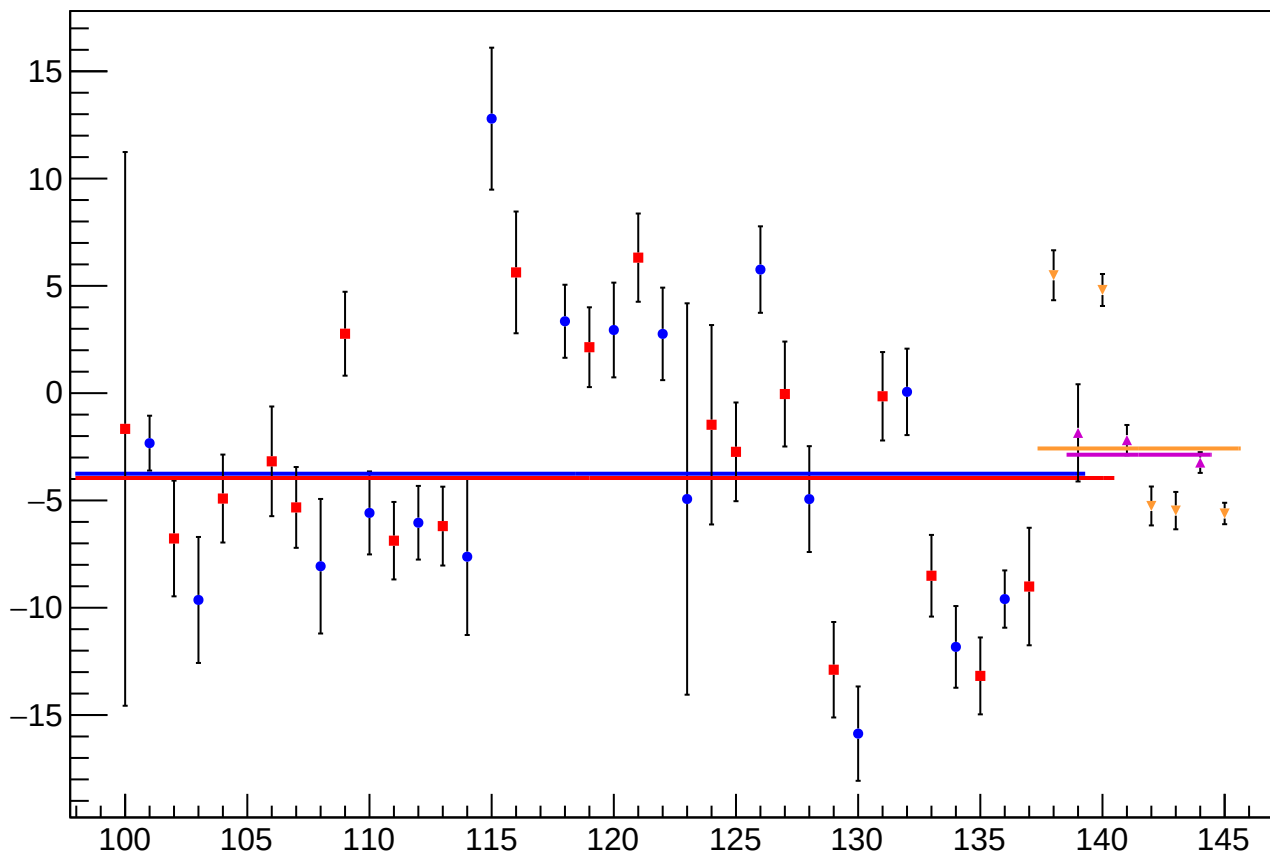
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.573+/-0.511 χ^2/NDF :138.2/2

Out: -35.154+/-0.424 χ^2/NDF :1731.3/4

All: -34.101+/-0.326 χ^2/NDF : 1884.6/7

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: -2.578 ± 0.332 χ^2/NDF : 203.0/4

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

Left In: -2.869 ± 0.392 χ^2/NDF : 1.7/2

Left: -2.699 ± 0.253 χ^2/NDF : 205.0/7

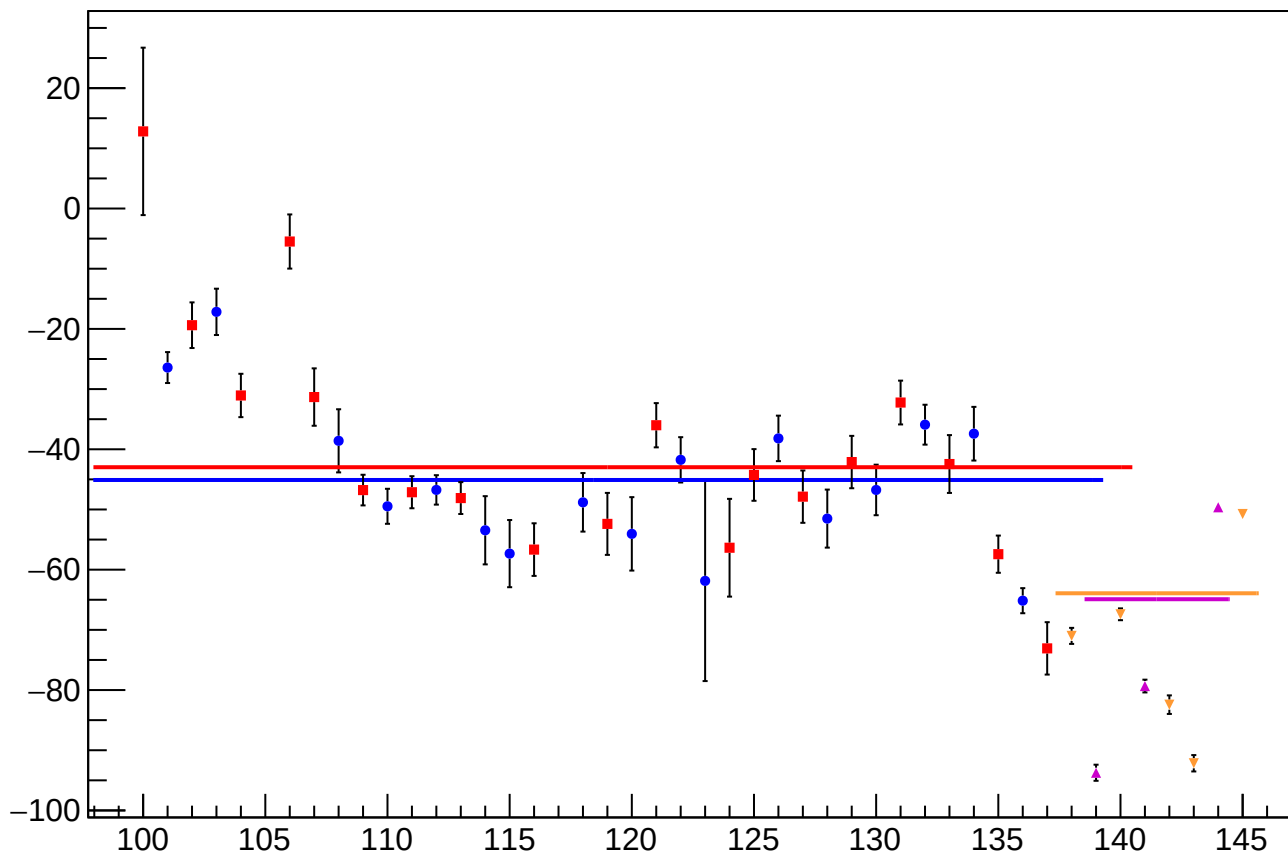
Right: -3.852 ± 0.354 χ^2/NDF : 288.7/35

In: -3.210 ± 0.307 χ^2/NDF : 169.0/19

Out: -2.991 ± 0.278 χ^2/NDF : 331.4/23

All: -3.089 ± 0.206 χ^2/NDF : 500.7/43

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -64.323 ± 0.349 χ^2/NDF : 2112.5/7

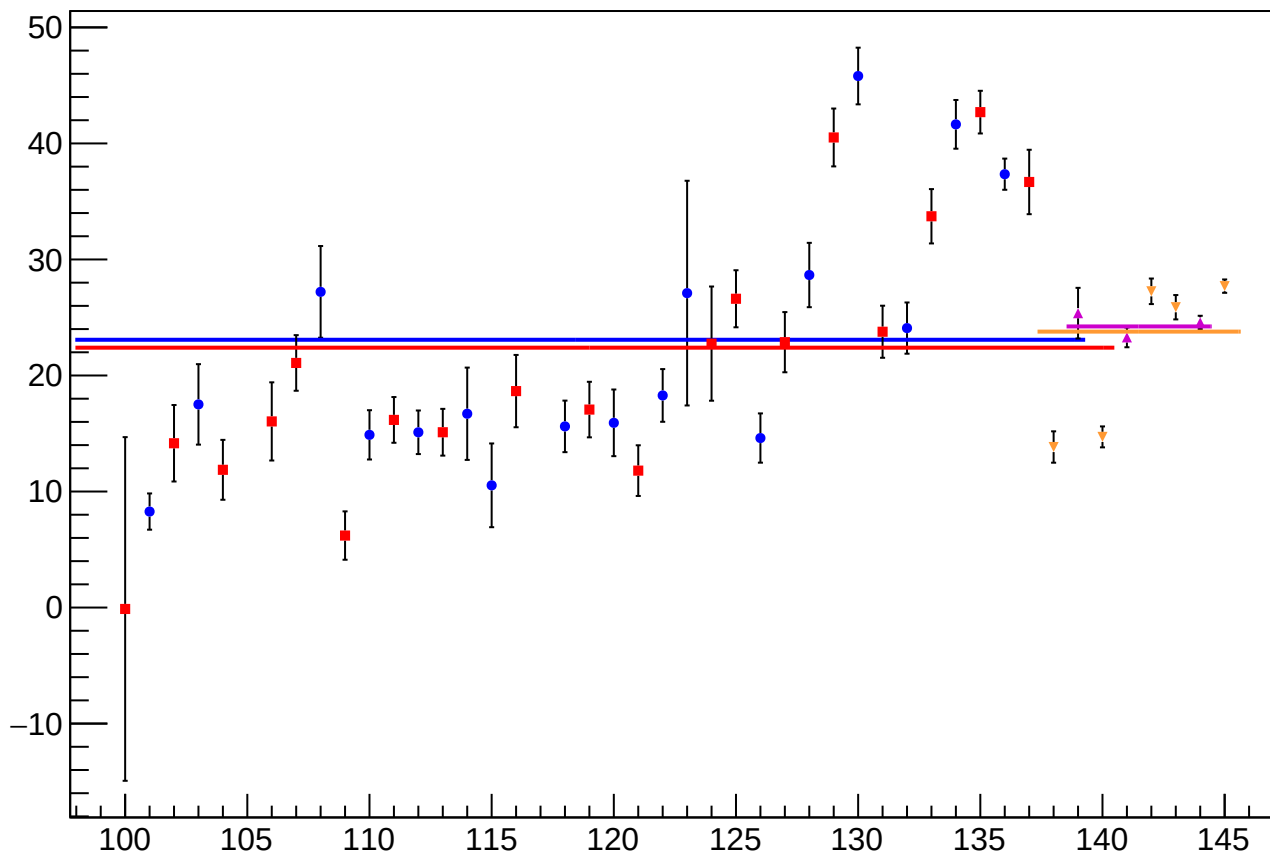
Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35

In: -59.393 ± 0.465 χ^2/NDF : 1685.3/19

Out: -59.526 ± 0.402 χ^2/NDF : 1719.1/23

All: -59.469 ± 0.304 χ^2/NDF : 3404.5/43

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 23.782 $\pm$ 0.392 χ^2 /NDF:215.4/4

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

Left In: 24.227 $\pm$ 0.464 χ^2 /NDF:1.9/2

Left: 23.967 $\pm$ 0.299 χ^2 /NDF: 217.8/7

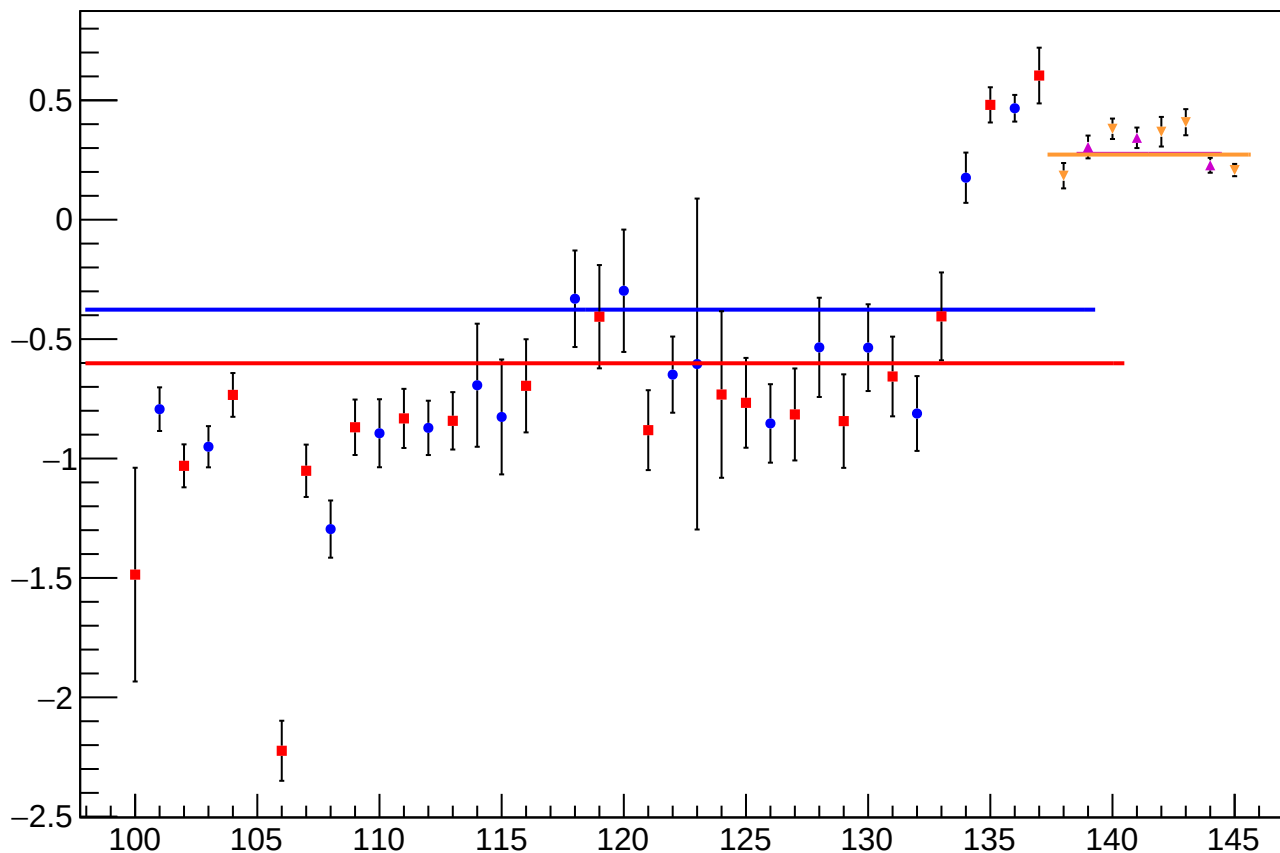
Right: 22.748 $\pm$ 0.399 χ^2 /NDF: 832.1/35

In: 23.755 $\pm$ 0.356 χ^2 /NDF:465.5/19

Out: 23.340 $\pm$ 0.323 χ^2 /NDF:589.7/23

All: 23.528 $\pm$ 0.239 χ^2 /NDF: 1055.9/43

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.273 ± 0.018 $\chi^2/\text{NDF}: 24.0/4$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

Left In: 0.276 ± 0.022 $\chi^2/\text{NDF}: 5.2/2$

Left: 0.274 ± 0.014 $\chi^2/\text{NDF}: 29.2/7$

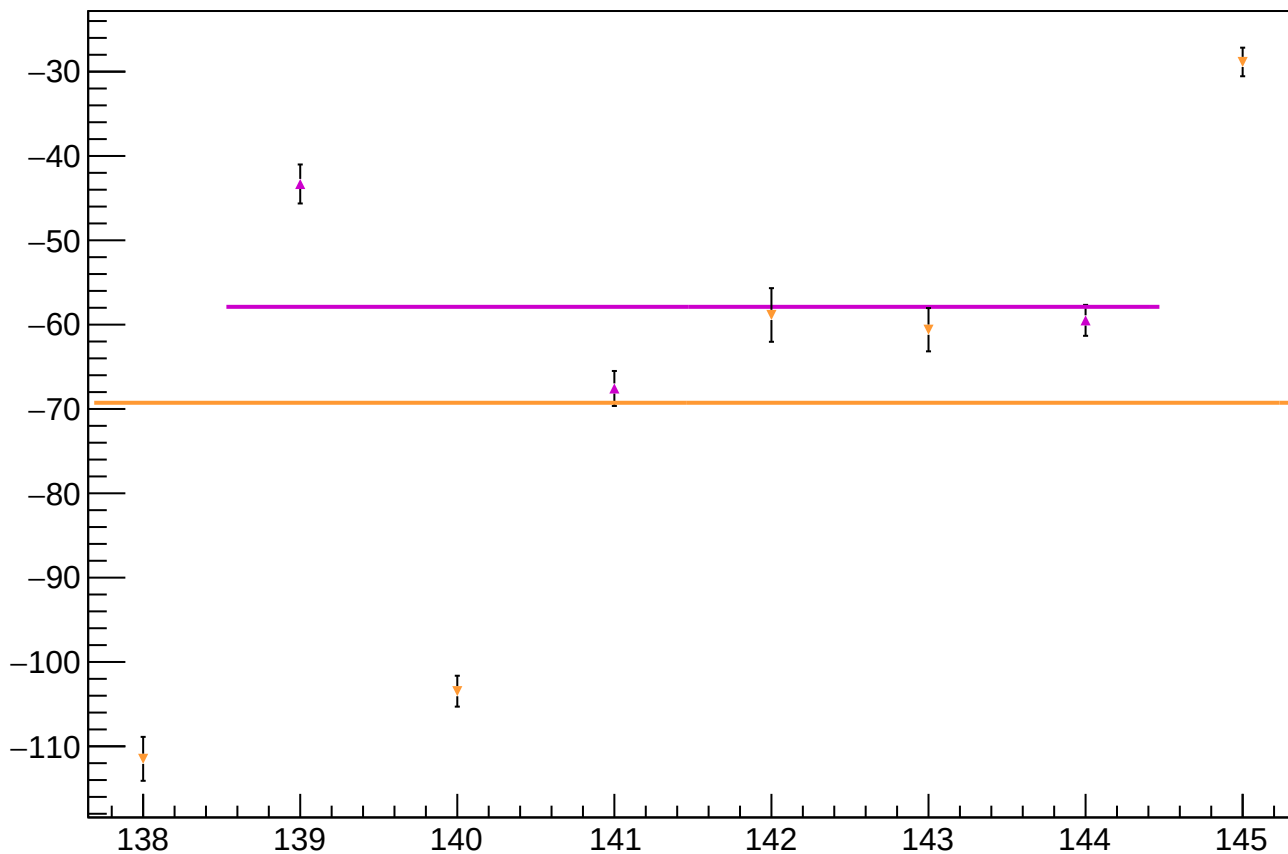
Right: -0.489 ± 0.021 $\chi^2/\text{NDF}: 1020.5/35$

In: 0.044 ± 0.018 $\chi^2/\text{NDF}: 745.8/19$

Out: 0.039 ± 0.016 $\chi^2/\text{NDF}: 1193.8/23$

All: 0.041 ± 0.012 $\chi^2/\text{NDF}: 1939.6/43$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.264+/-0.979 χ^2/NDF :1201.5/4

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

Left In: -57.888+/-1.181 χ^2/NDF :62.2/2

Left: -64.634+/-0.754 χ^2/NDF : 1318.7/7

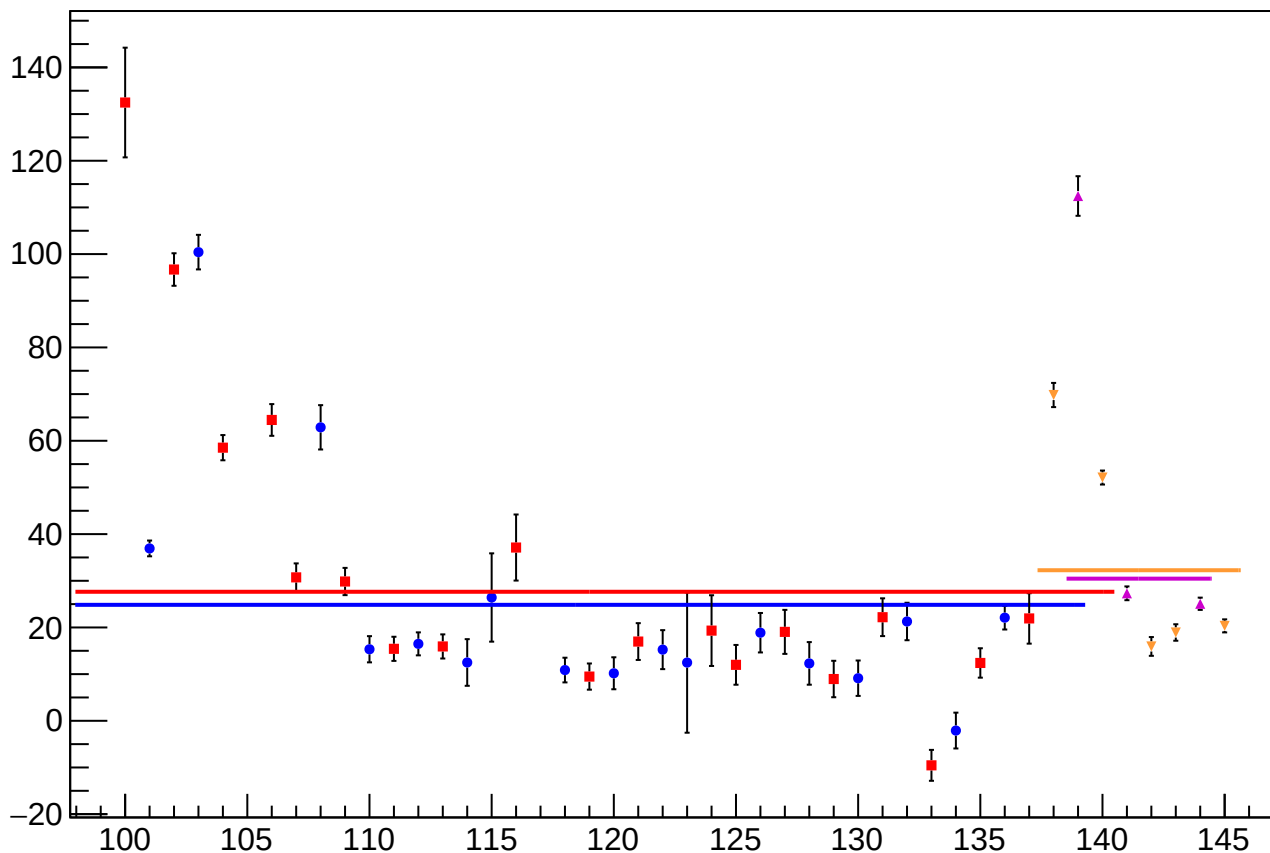
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.888+/-1.181 χ^2/NDF :62.2/2

Out: -69.264+/-0.979 χ^2/NDF :1201.5/4

All: -64.634+/-0.754 χ^2/NDF : 1318.7/7

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848 +/- 0.801 χ^2/NDF : 690.8/16

Left Out: 32.262 +/- 0.773 χ^2/NDF : 580.9/4

Right Out: 27.648 +/- 0.810 χ^2/NDF : 1009.2/18

Left In: 30.458 +/- 0.956 χ^2/NDF : 394.8/2

Left: 31.549 +/- 0.601 χ^2/NDF : 977.9/7

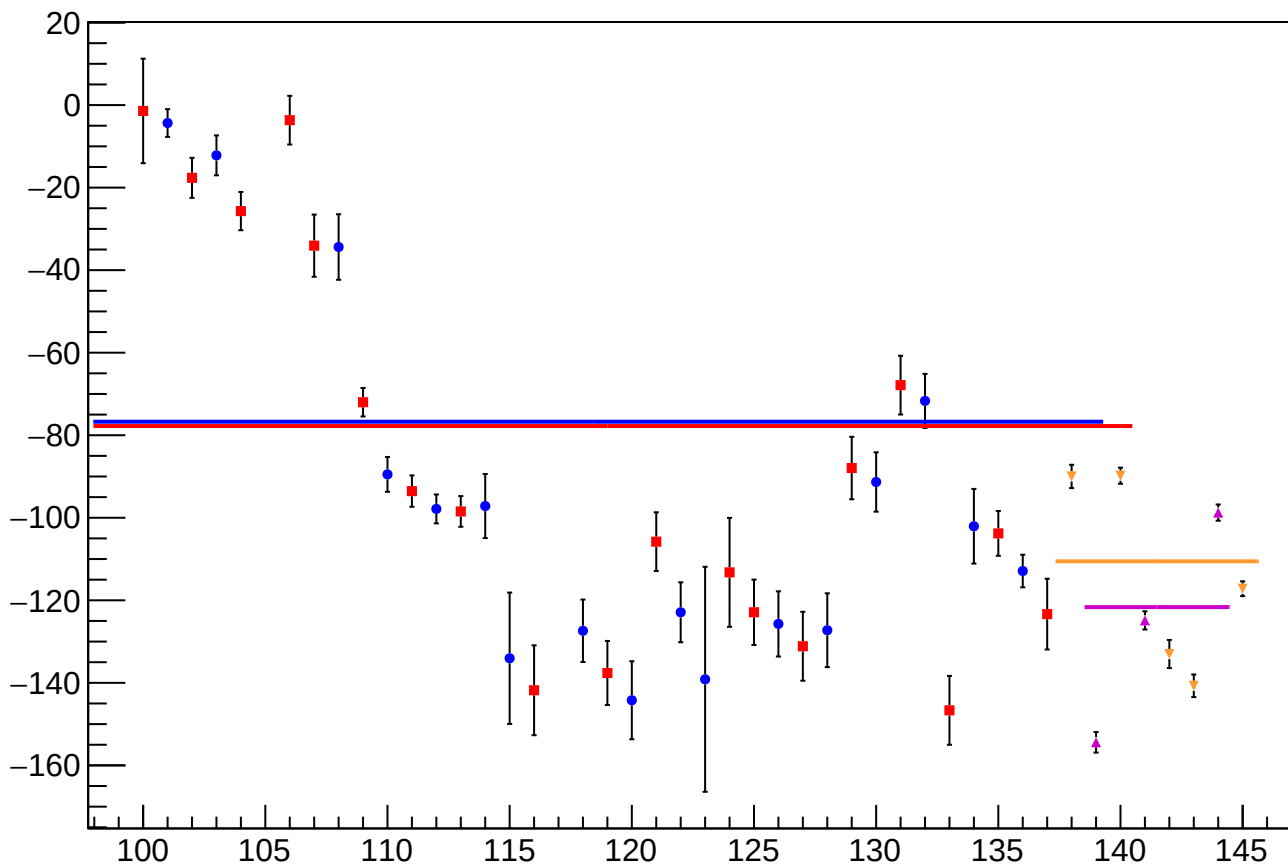
Right: 26.231 +/- 0.570 χ^2/NDF : 1706.0/35

In: 27.160 +/- 0.614 χ^2/NDF : 1105.8/19

Out: 30.064 +/- 0.559 χ^2/NDF : 1607.1/23

All: 28.747 +/- 0.413 χ^2/NDF : 2725.1/43

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -110.556 ± 1.043 $\chi^2/\text{NDF}: 344.5/4$

Right Out: -77.773 ± 1.352 $\chi^2/\text{NDF}: 871.8/18$

Left In: -121.642 ± 1.265 $\chi^2/\text{NDF}: 309.9/2$

Left: -115.041 ± 0.805 $\chi^2/\text{NDF}: 700.1/7$

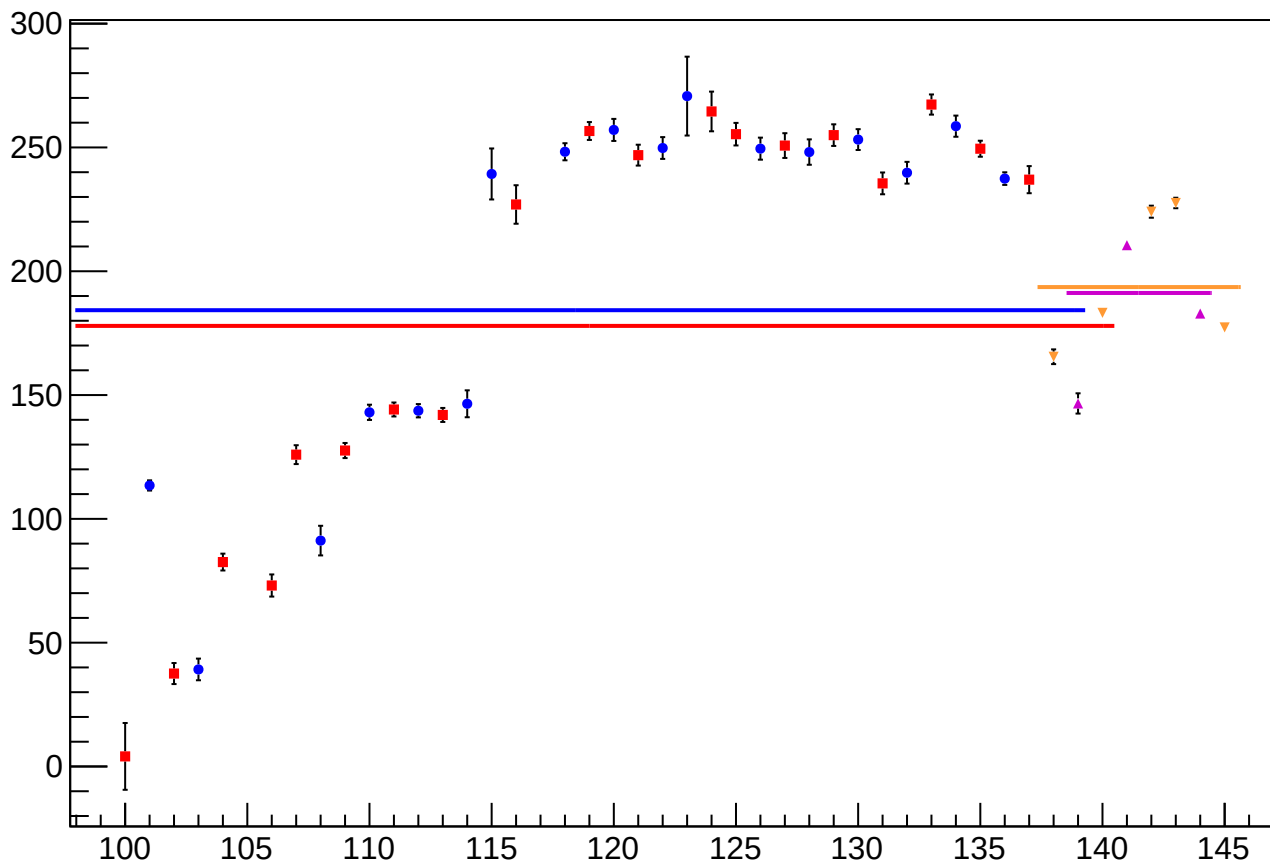
Right: -77.273 ± 0.977 $\chi^2/\text{NDF}: 1914.1/35$

In: -101.639 ± 0.942 $\chi^2/\text{NDF}: 1912.9/19$

Out: -98.325 ± 0.826 $\chi^2/\text{NDF}: 1584.7/23$

All: -99.765 ± 0.621 $\chi^2/\text{NDF}: 3504.7/43$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271 $\pm$ 0.914 χ^2/NDF : 5401.0/16

Left Out: 193.608 $\pm$ 0.914 χ^2/NDF : 638.2/4

Right Out: 177.930 $\pm$ 0.924 χ^2/NDF : 6330.9/18

Left In: 191.226 $\pm$ 1.125 χ^2/NDF : 265.4/2

Left: 192.661 $\pm$ 0.709 χ^2/NDF : 906.3/7

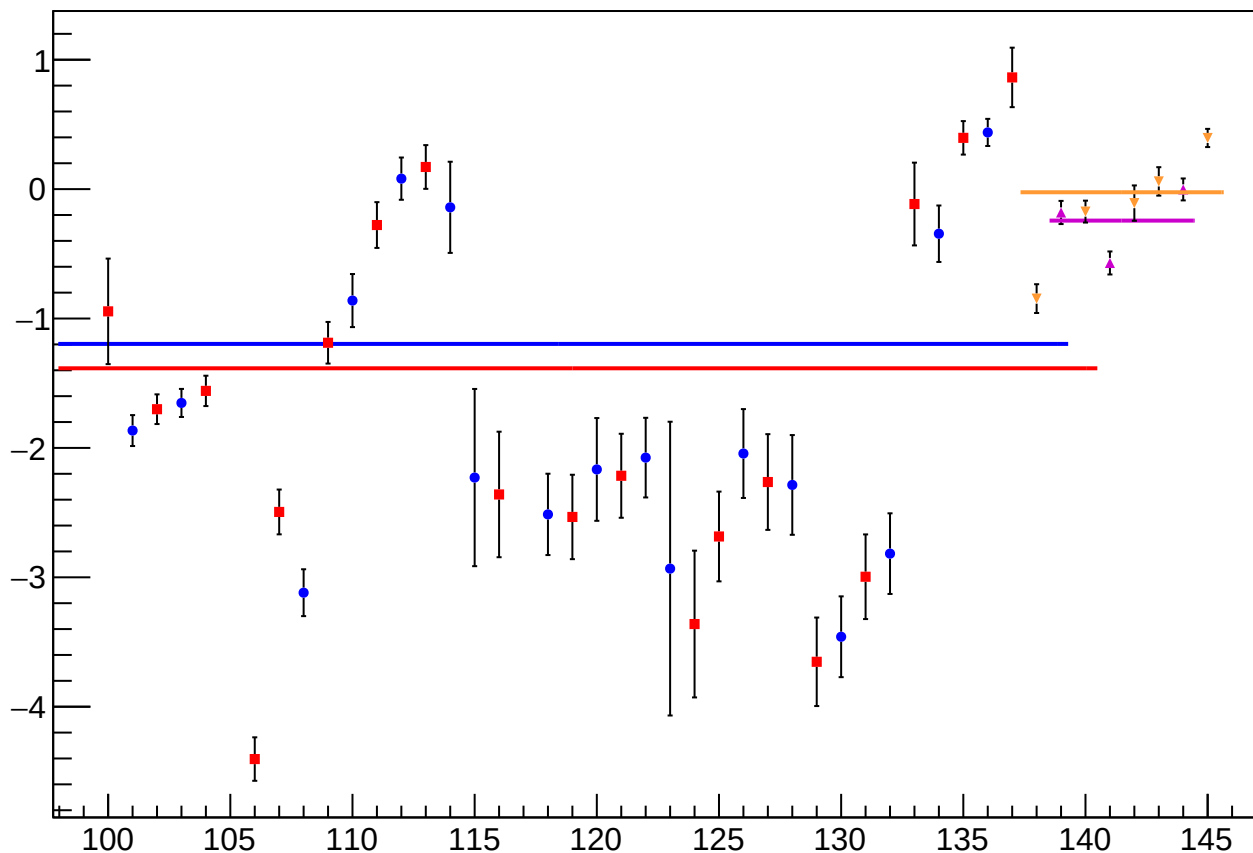
Right: 181.136 $\pm$ 0.650 χ^2/NDF : 11755.7/35

In: 187.035 $\pm$ 0.709 χ^2/NDF : 5689.4/19

Out: 185.855 $\pm$ 0.650 χ^2/NDF : 7114.7/23

All: 186.394 $\pm$ 0.479 χ^2/NDF : 12805.6/43

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.024 ± 0.042 χ^2/NDF : 94.3/4

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

Left In: -0.243 ± 0.051 χ^2/NDF : 22.1/2

Left: -0.114 ± 0.032 χ^2/NDF : 127.4/7

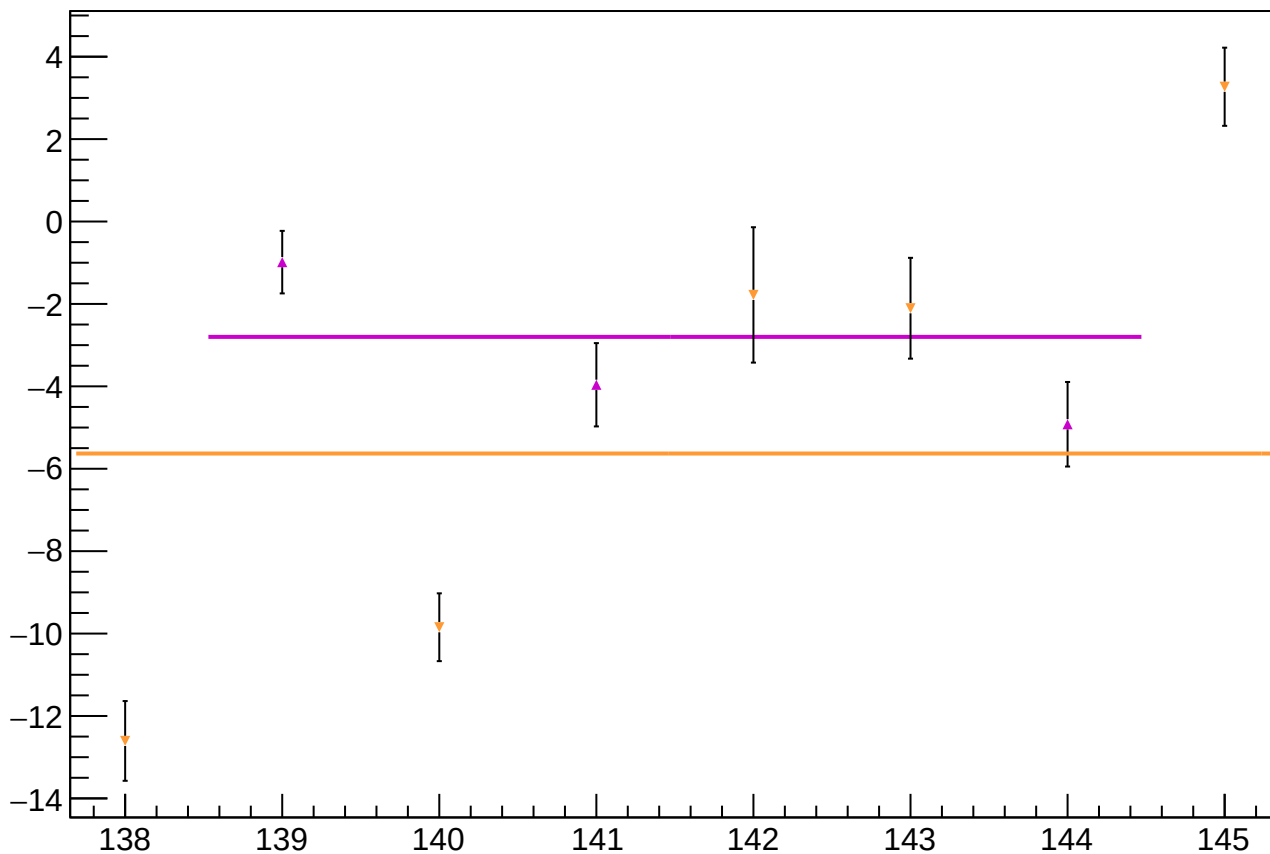
Right: -1.295 ± 0.033 χ^2/NDF : 1555.6/35

In: -0.744 ± 0.035 χ^2/NDF : 831.6/19

Out: -0.651 ± 0.031 χ^2/NDF : 1495.2/23

All: -0.692 ± 0.023 χ^2/NDF : 2330.8/43

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -5.630+/-0.461 χ^2/NDF :180.1/4

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

Left In: -2.800+/-0.522 χ^2/NDF :11.3/2

Left: -4.389+/-0.346 χ^2/NDF : 207.9/7

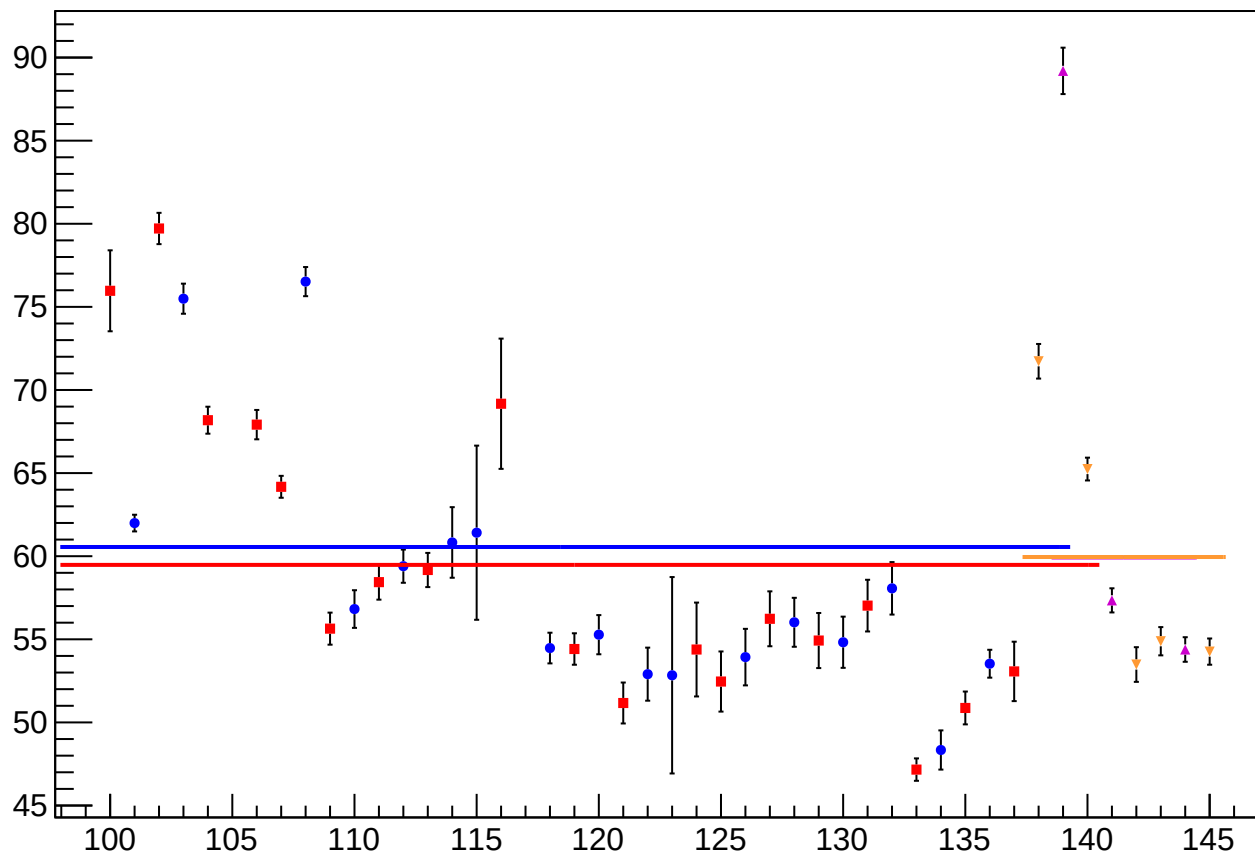
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.800+/-0.522 χ^2/NDF :11.3/2

Out: -5.630+/-0.461 χ^2/NDF :180.1/4

All: -4.389+/-0.346 χ^2/NDF : 207.9/7

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 59.951 $\pm$ 0.379 χ^2 /NDF:313.3/4

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

Left In: 59.922 $\pm$ 0.486 χ^2 /NDF:508.4/2

Left: 59.940 $\pm$ 0.299 χ^2 /NDF: 821.8/7

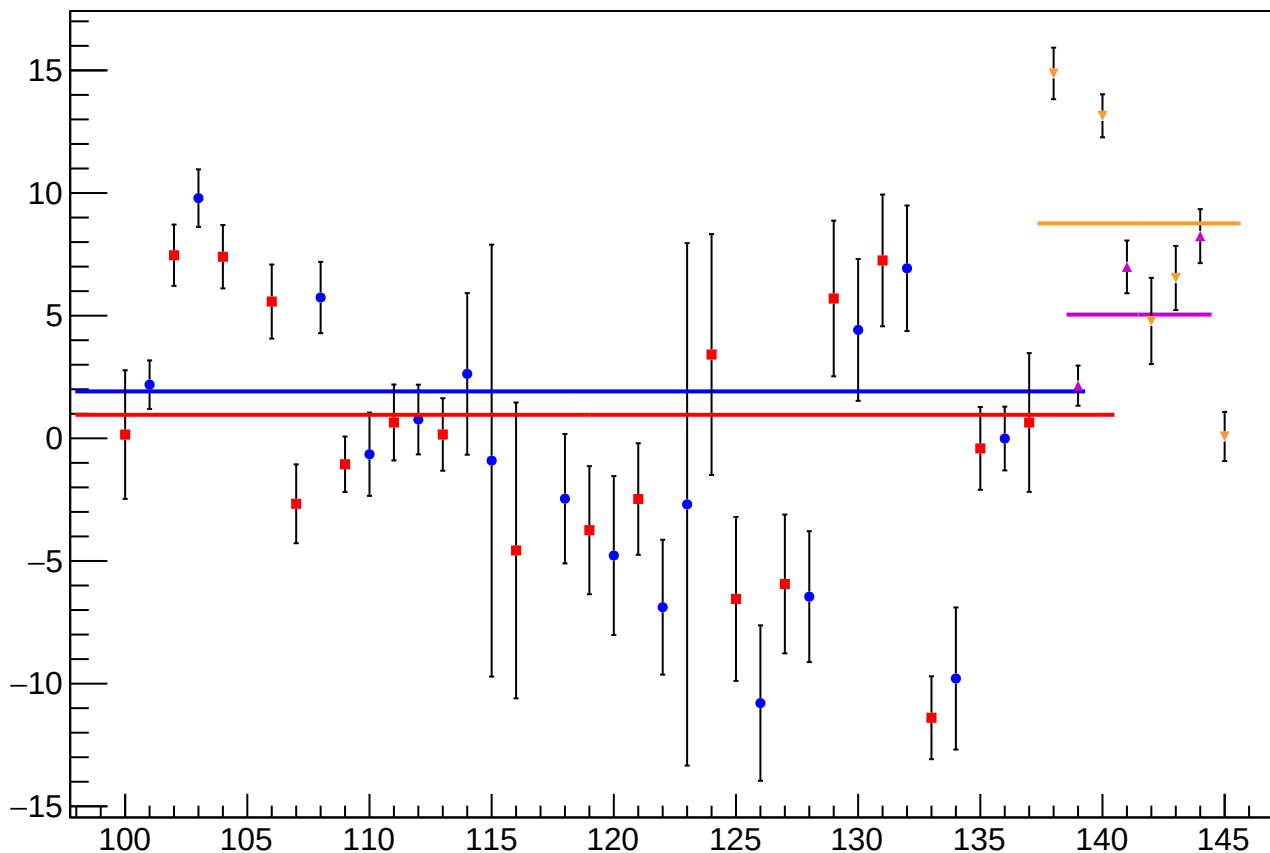
Right: 59.987 $\pm$ 0.180 χ^2 /NDF: 2256.7/35

In: 60.412 $\pm$ 0.230 χ^2 /NDF:1440.5/19

Out: 59.619 $\pm$ 0.207 χ^2 /NDF:1631.4/23

All: 59.974 $\pm$ 0.154 χ^2 /NDF: 3078.5/43

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 $\pm$ 0.458 χ^2 /NDF: 121.6/16

Left Out: 8.763 $\pm$ 0.493 χ^2 /NDF:142.1/4

Right Out: 0.960 $\pm$ 0.424 χ^2 /NDF: 149.5/18

Left In: 5.045 $\pm$ 0.560 χ^2 /NDF:24.3/2

Left: 7.141 $\pm$ 0.370 χ^2 /NDF: 191.2/7

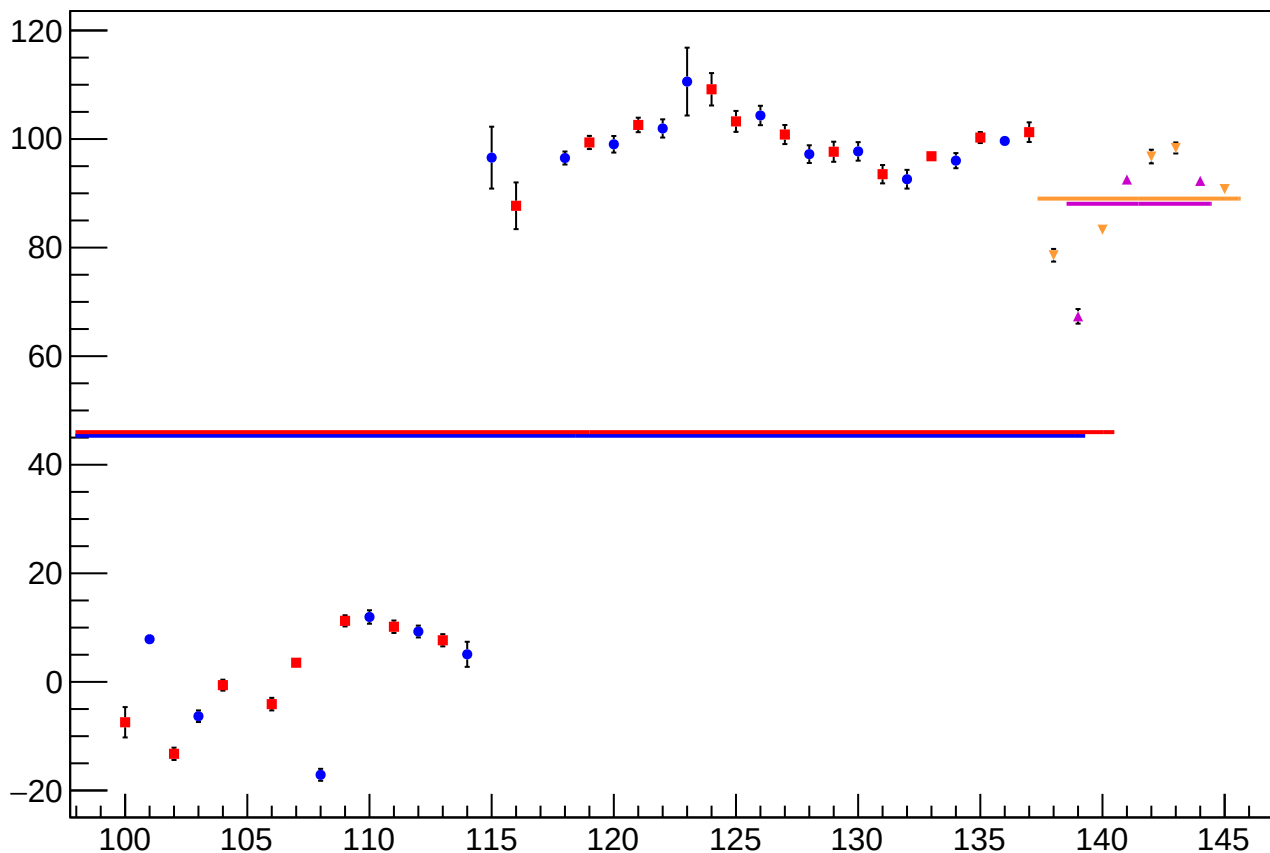
Right: 1.401 $\pm$ 0.311 χ^2 /NDF: 273.4/35

In: 3.167 $\pm$ 0.355 χ^2 /NDF:164.6/19

Out: 4.280 $\pm$ 0.322 χ^2 /NDF:435.6/23

All: 3.778 $\pm$ 0.238 χ^2 /NDF: 605.6/43

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF : 25071.0/16

Left Out: 89.027+/-0.446 χ^2/NDF :253.8/4

Right Out: 46.007+/-0.289 χ^2/NDF : 28219.9/18

Left In: 88.075+/-0.560 χ^2/NDF :286.8/2

Left: 88.657+/-0.349 χ^2/NDF : 542.3/7

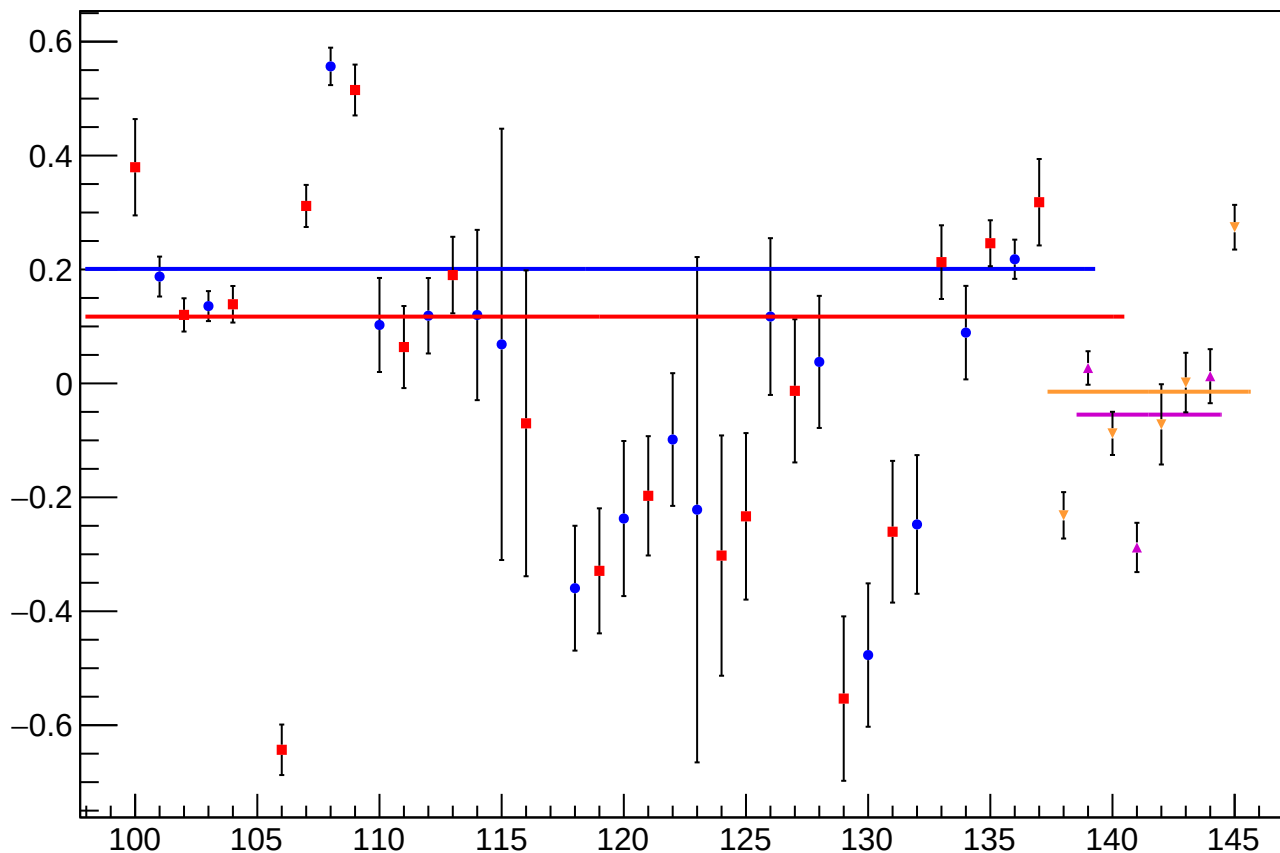
Right: 45.691+/-0.209 χ^2/NDF : 53293.4/35

In: 55.025+/-0.267 χ^2/NDF :29857.0/19

Out: 58.750+/-0.243 χ^2/NDF :35016.5/23

All: 57.062+/-0.180 χ^2/NDF : 64980.1/43

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.015 ± 0.020 χ^2/NDF : 87.0/4

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

Left In: -0.055 ± 0.022 χ^2/NDF : 38.8/2

Left: -0.033 ± 0.015 χ^2/NDF : 127.7/7

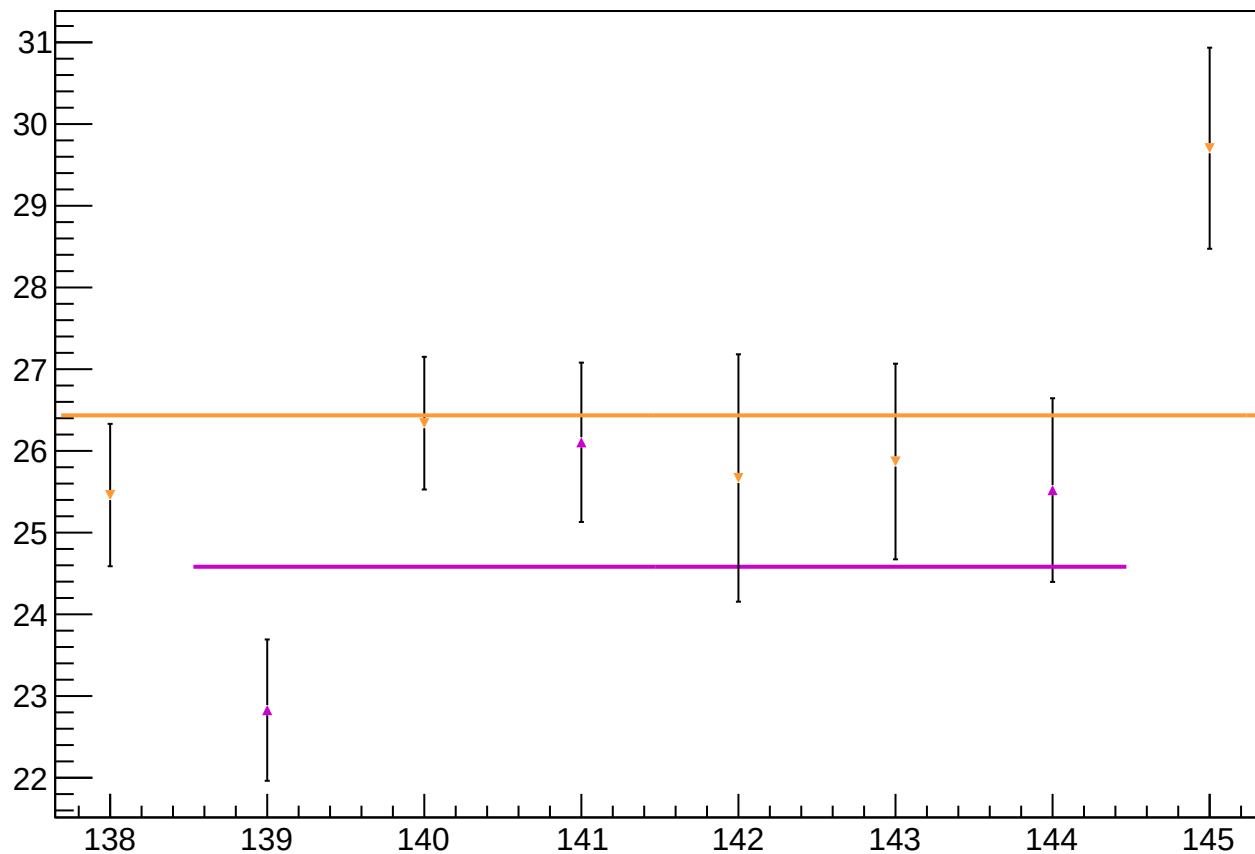
Right: 0.156 ± 0.010 χ^2/NDF : 737.1/35

In: 0.125 ± 0.012 χ^2/NDF : 355.0/19

Out: 0.078 ± 0.011 χ^2/NDF : 617.8/23

All: 0.100 ± 0.008 χ^2/NDF : 981.5/43

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 26.435 $\pm$ 0.465 χ^2 /NDF:8.8/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 24.582 $\pm$ 0.561 χ^2 /NDF:7.3/2

Left: 25.681 $\pm$ 0.358 χ^2 /NDF: 22.5/7

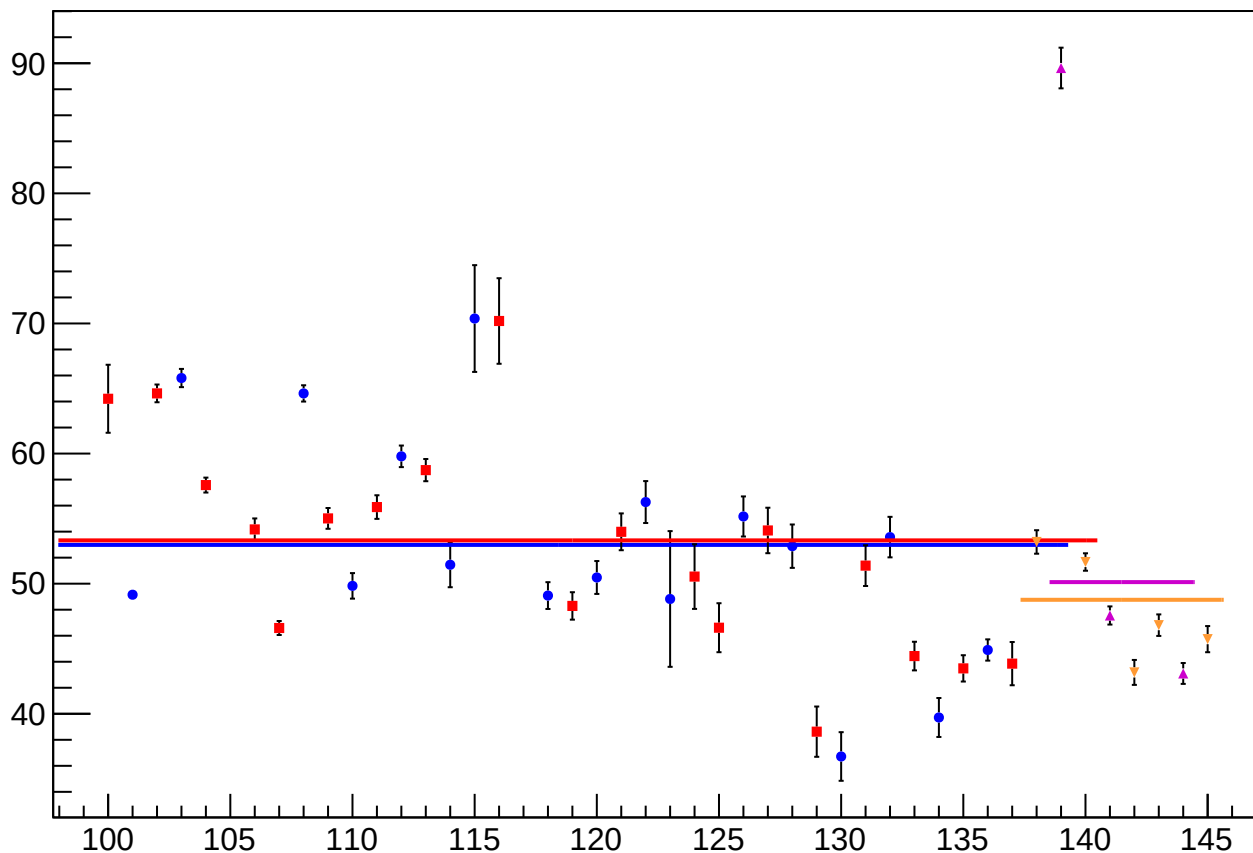
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.582 $\pm$ 0.561 χ^2 /NDF:7.3/2

Out: 26.435 $\pm$ 0.465 χ^2 /NDF:8.8/4

All: 25.681 $\pm$ 0.358 χ^2 /NDF: 22.5/7

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: 48.761 $\pm$ 0.378 χ^2 /NDF:91.5/4

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

Left In: 50.121 $\pm$ 0.499 χ^2 /NDF:729.0/2

Left: 49.257 $\pm$ 0.301 χ^2 /NDF: 825.2/7

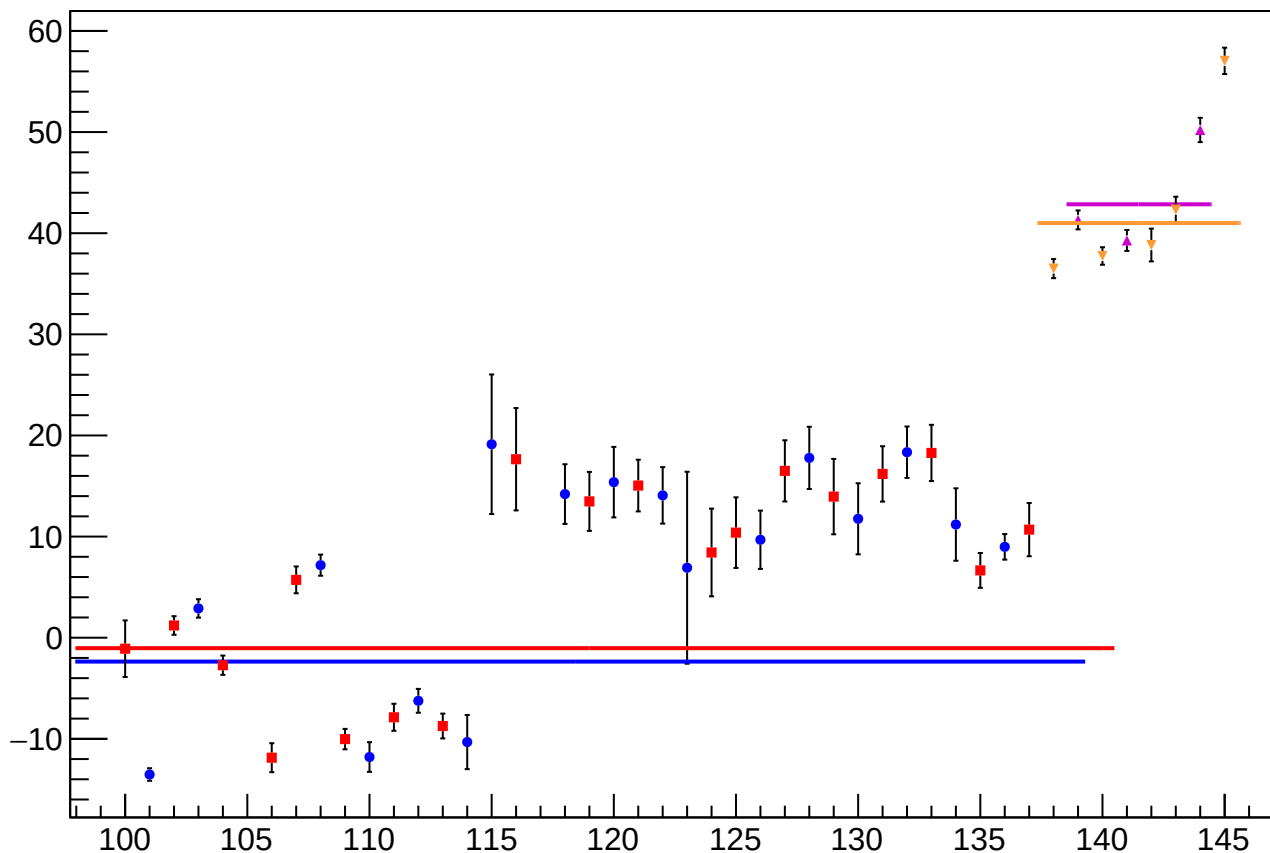
Right: 53.141 $\pm$ 0.154 χ^2 /NDF: 2071.7/35

In: 52.550 $\pm$ 0.194 χ^2 /NDF:1954.6/19

Out: 52.121 $\pm$ 0.194 χ^2 /NDF:1071.5/23

All: 52.336 $\pm$ 0.137 χ^2 /NDF: 3028.6/43

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 41.004 ± 0.498 χ^2/NDF : 190.8/4

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

Left In: 42.858 ± 0.602 χ^2/NDF : 52.0/2

Left: 41.758 ± 0.383 χ^2/NDF : 248.4/7

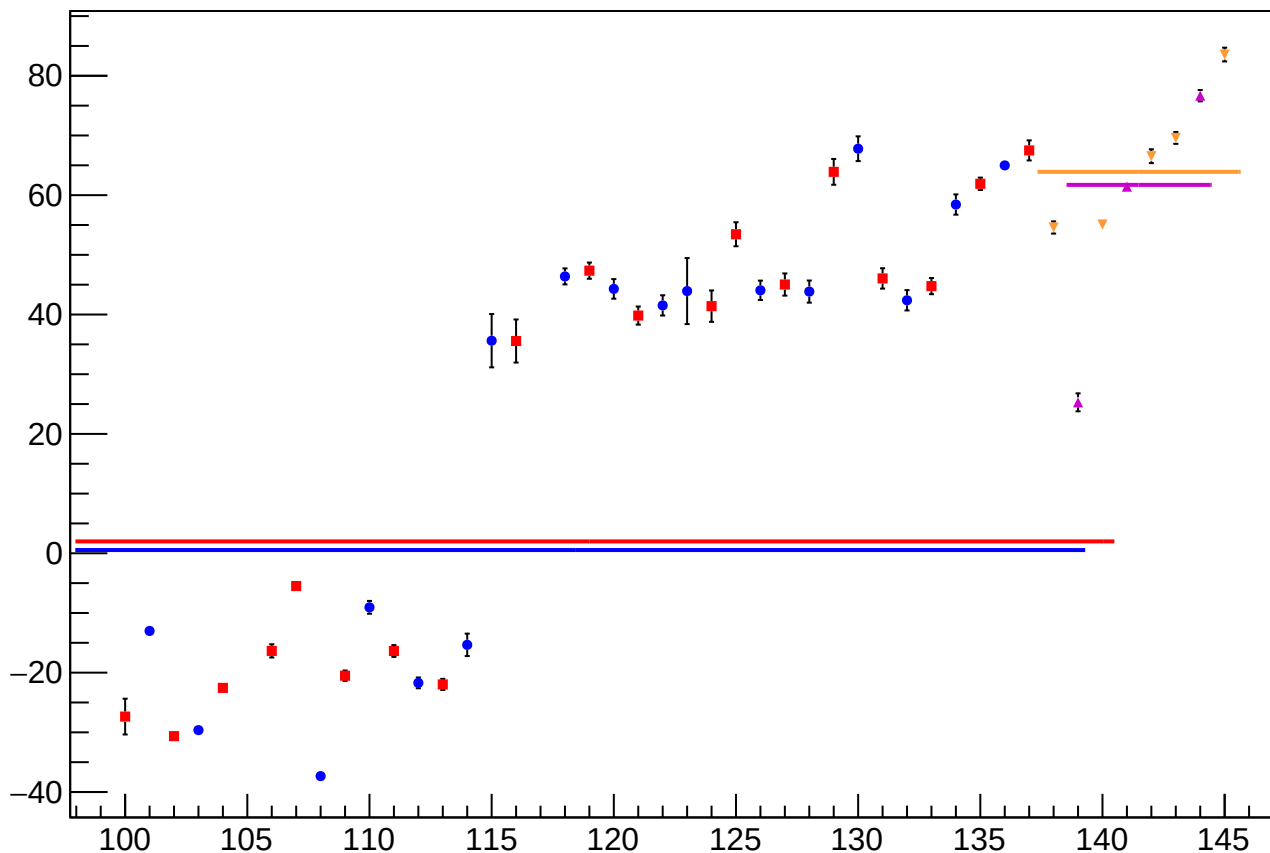
Right: -1.721 ± 0.262 χ^2/NDF : 1355.0/35

In: 9.749 ± 0.311 χ^2/NDF : 5030.1/19

Out: 14.287 ± 0.300 χ^2/NDF : 5232.7/23

All: 12.099 ± 0.216 χ^2/NDF : 10372.8/43

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541 ± 0.247 $\chi^2/\text{NDF}: 18423.8/16$

Left Out: 63.910 ± 0.448 $\chi^2/\text{NDF}: 529.1/4$

Right Out: 1.990 ± 0.267 $\chi^2/\text{NDF}: 15476.7/18$

Left In: 61.724 ± 0.580 $\chi^2/\text{NDF}: 832.5/2$

Left: 63.095 ± 0.354 $\chi^2/\text{NDF}: 1370.5/7$

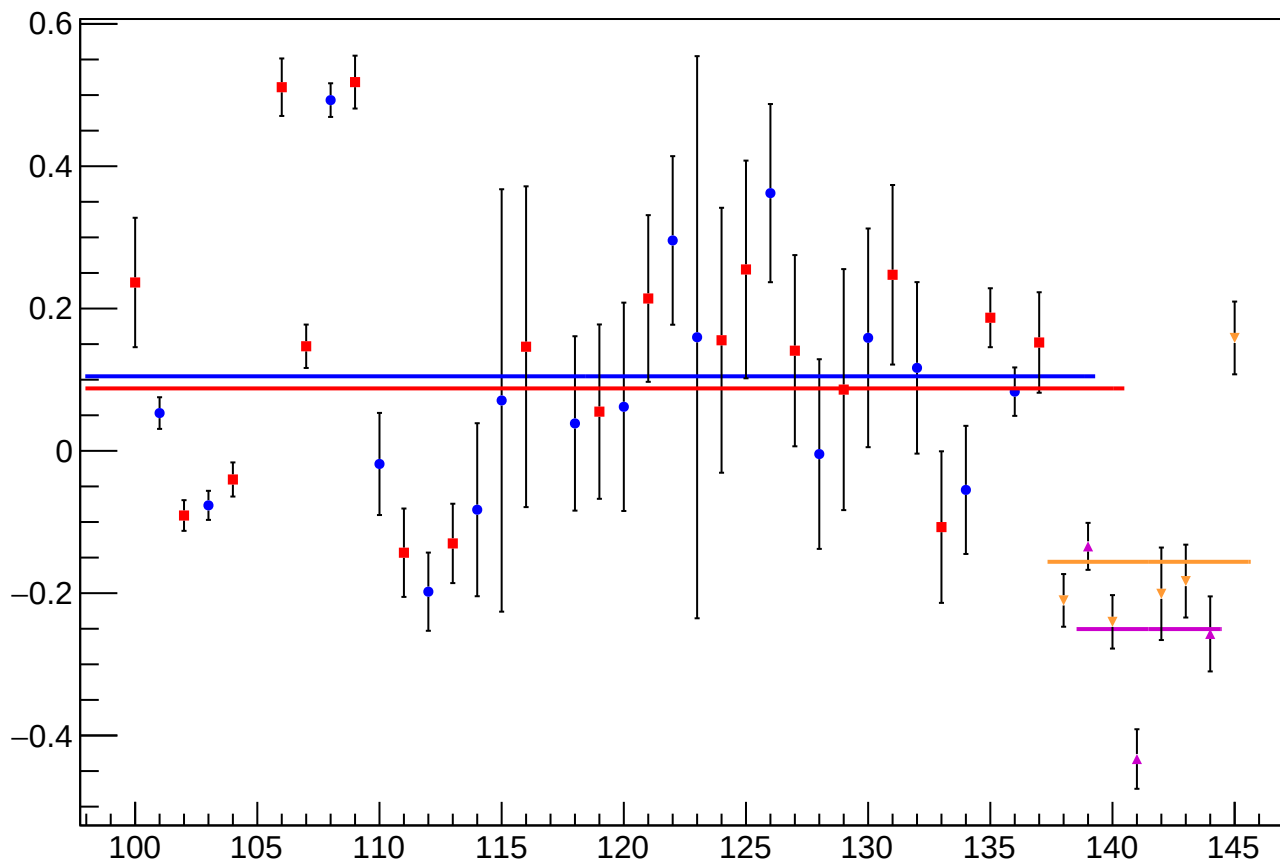
Right: 1.210 ± 0.181 $\chi^2/\text{NDF}: 33916.4/35$

In: 9.905 ± 0.227 $\chi^2/\text{NDF}: 28669.4/19$

Out: 18.200 ± 0.229 $\chi^2/\text{NDF}: 30137.1/23$

All: 14.017 ± 0.161 $\chi^2/\text{NDF}: 59468.3/43$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.156 ± 0.020 $\chi^2/\text{NDF}: 45.8/4$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.250 ± 0.023 $\chi^2/\text{NDF}: 31.5/2$

Left: -0.197 ± 0.015 $\chi^2/\text{NDF}: 86.7/7$

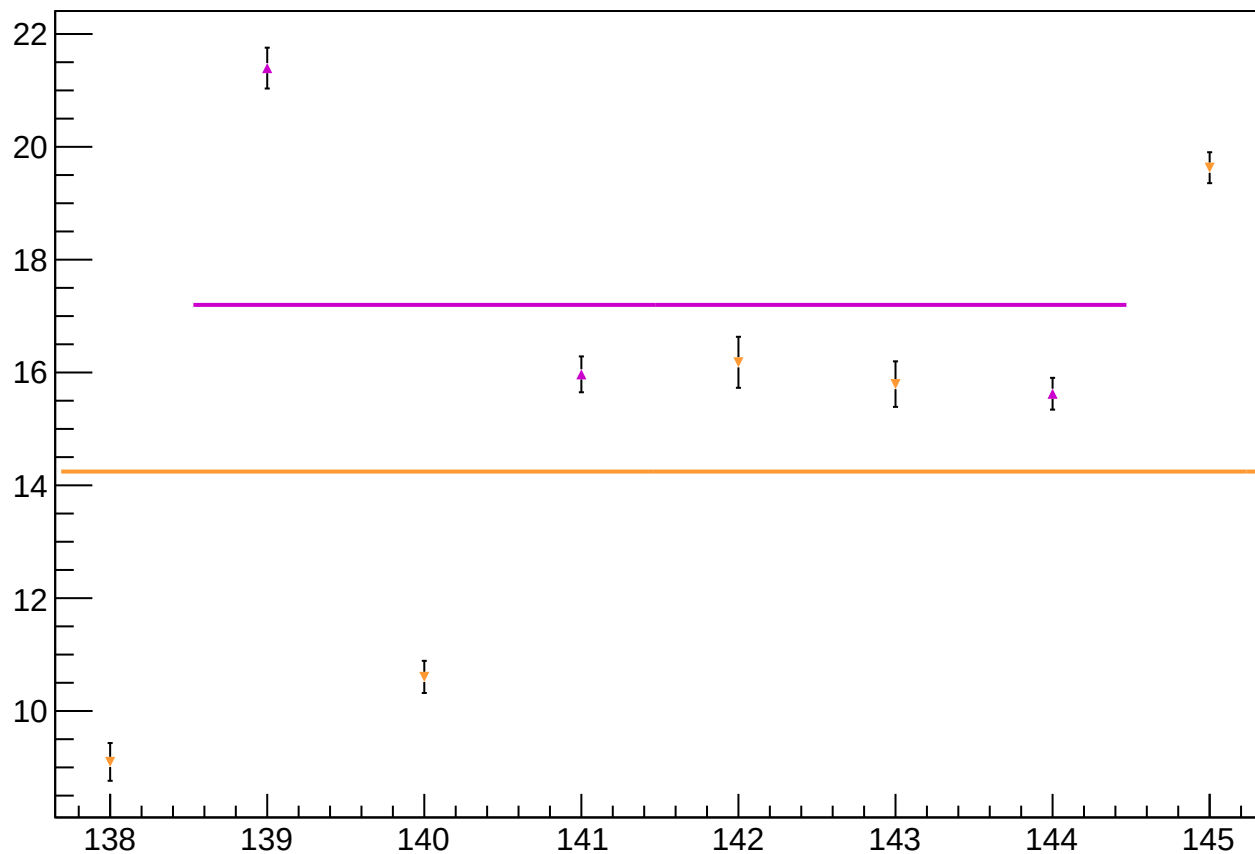
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 792.9/35$

In: 0.040 ± 0.010 $\chi^2/\text{NDF}: 622.6/19$

Out: 0.032 ± 0.010 $\chi^2/\text{NDF}: 548.6/23$

All: 0.036 ± 0.007 $\chi^2/\text{NDF}: 1171.4/43$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.244+/-0.148 χ^2/NDF :818.5/4

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

Left In: 17.198+/-0.182 χ^2/NDF :180.6/2

Left: 15.420+/-0.115 χ^2/NDF : 1157.4/7

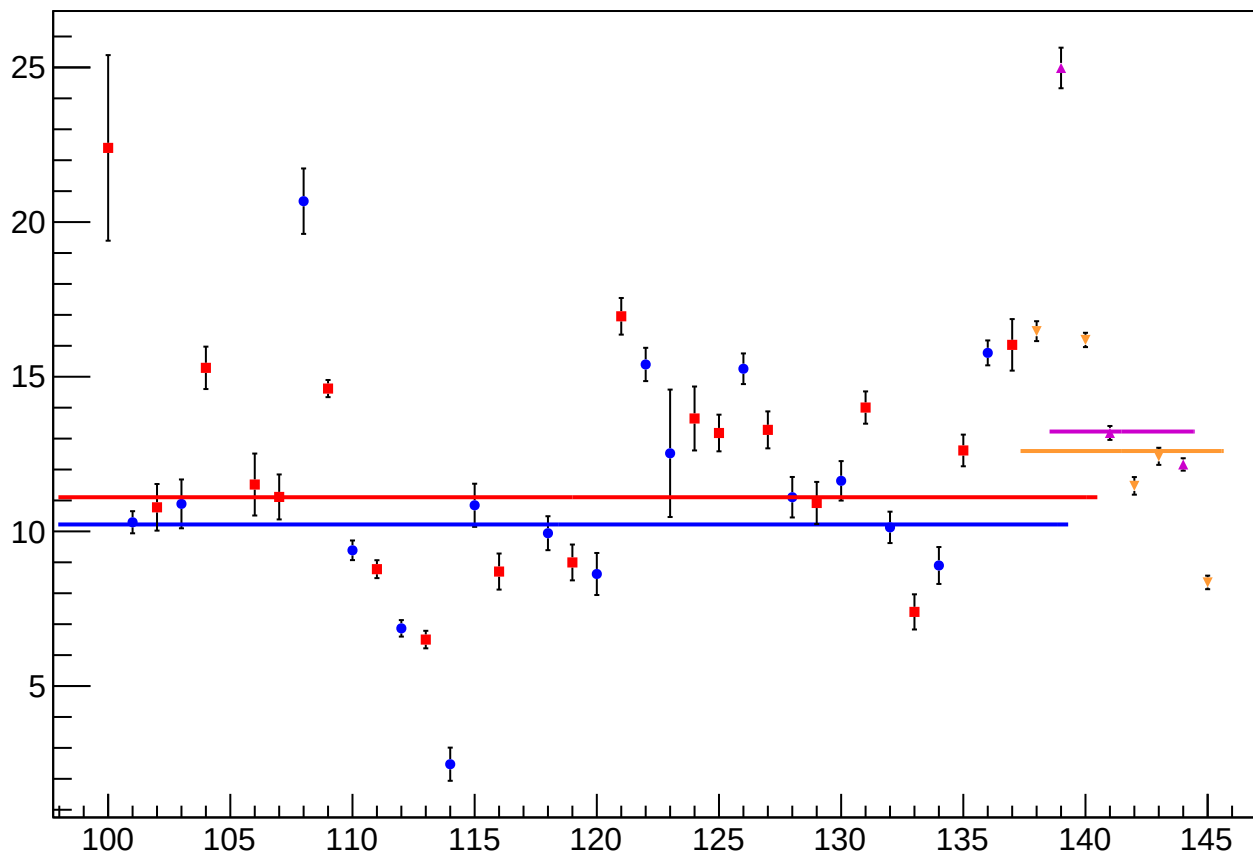
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.198+/-0.182 χ^2/NDF :180.6/2

Out: 14.244+/-0.148 χ^2/NDF :818.5/4

All: 15.420+/-0.115 χ^2/NDF : 1157.4/7

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 +/- 0.119 χ^2/NDF : 877.6/16

Left Out: 12.598 +/- 0.116 χ^2/NDF : 777.4/4

Right Out: 11.104 +/- 0.116 χ^2/NDF : 817.2/18

Left In: 13.228 +/- 0.146 χ^2/NDF : 349.3/2

Left: 12.841 +/- 0.091 χ^2/NDF : 1138.1/7

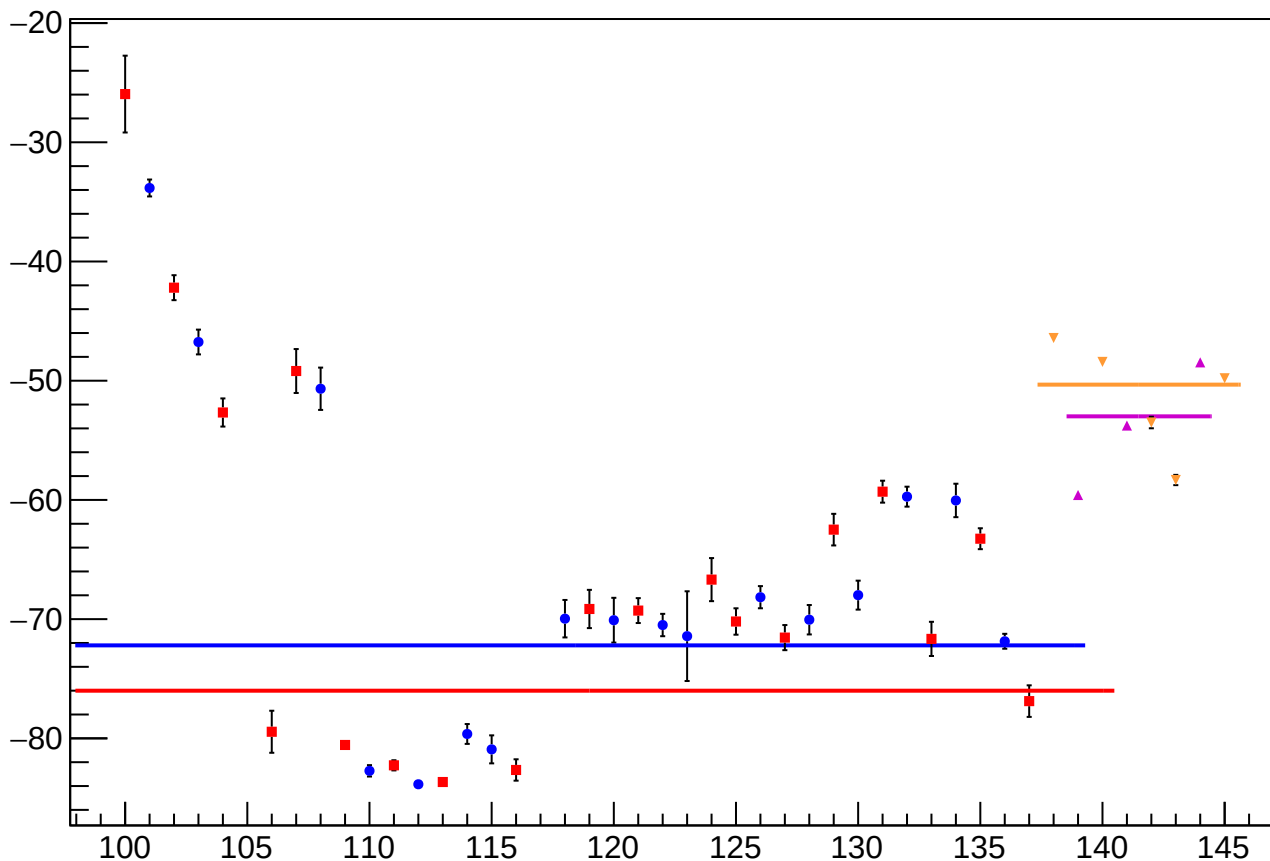
Right: 10.673 +/- 0.083 χ^2/NDF : 1722.7/35

In: 11.421 +/- 0.092 χ^2/NDF : 1481.3/19

Out: 11.855 +/- 0.082 χ^2/NDF : 1677.3/23

All: 11.663 +/- 0.061 χ^2/NDF : 3170.9/43

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -50.329 ± 0.159 χ^2/NDF : 546.7/4

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

Left In: -52.989 ± 0.195 χ^2/NDF : 514.1/2

Left: -51.386 ± 0.123 χ^2/NDF : 1172.7/7

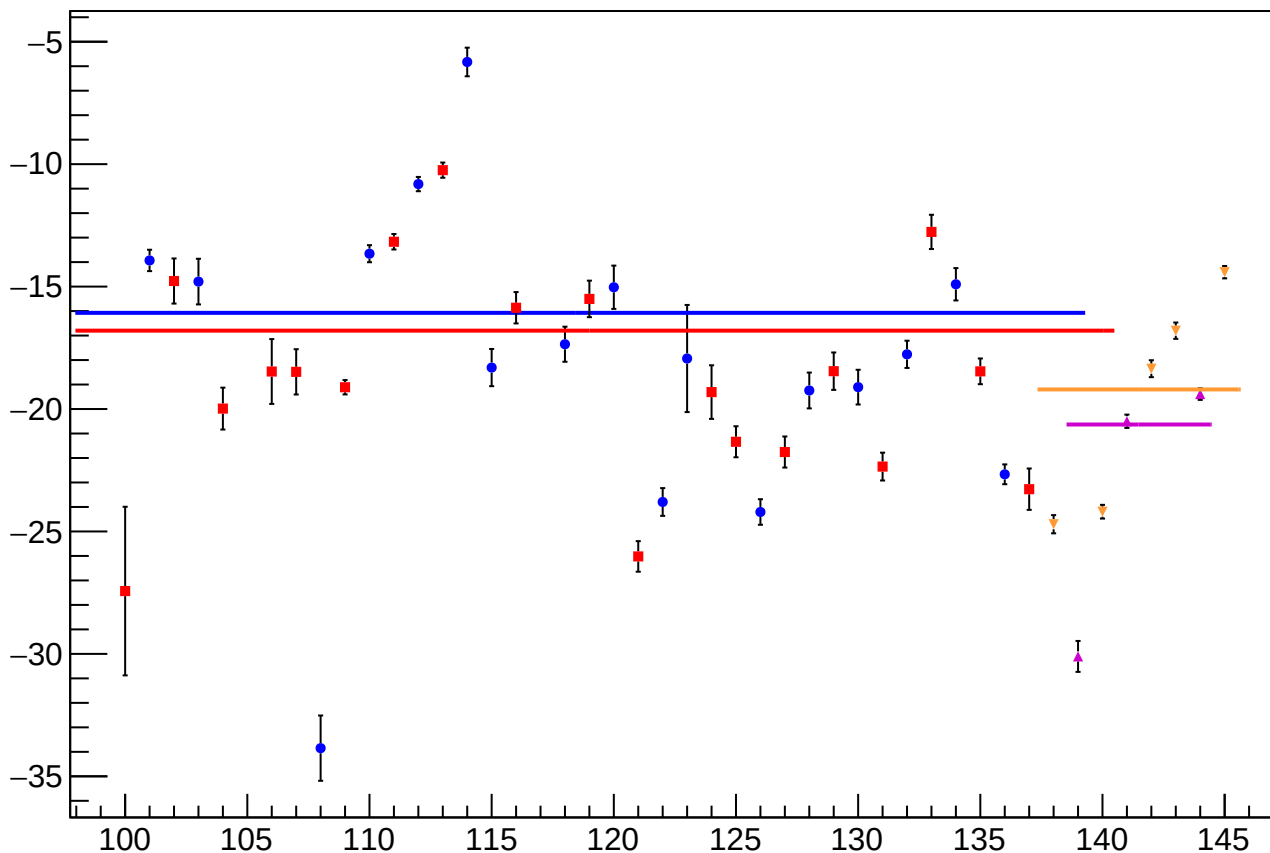
Right: -74.270 ± 0.133 χ^2/NDF : 9233.6/35

In: -62.472 ± 0.139 χ^2/NDF : 10863.4/19

Out: -61.481 ± 0.119 χ^2/NDF : 15401.1/23

All: -61.901 ± 0.090 χ^2/NDF : 26293.8/43

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072 $\pm$ 0.132 χ^2 /NDF: 1640.9/16

Left Out: -19.200 $\pm$ 0.137 χ^2 /NDF: 952.0/4

Right Out: -16.799 $\pm$ 0.128 χ^2 /NDF: 1215.8/18

Left In: -20.632 $\pm$ 0.172 χ^2 /NDF: 252.3/2

Left: -19.757 $\pm$ 0.107 χ^2 /NDF: 1246.4/7

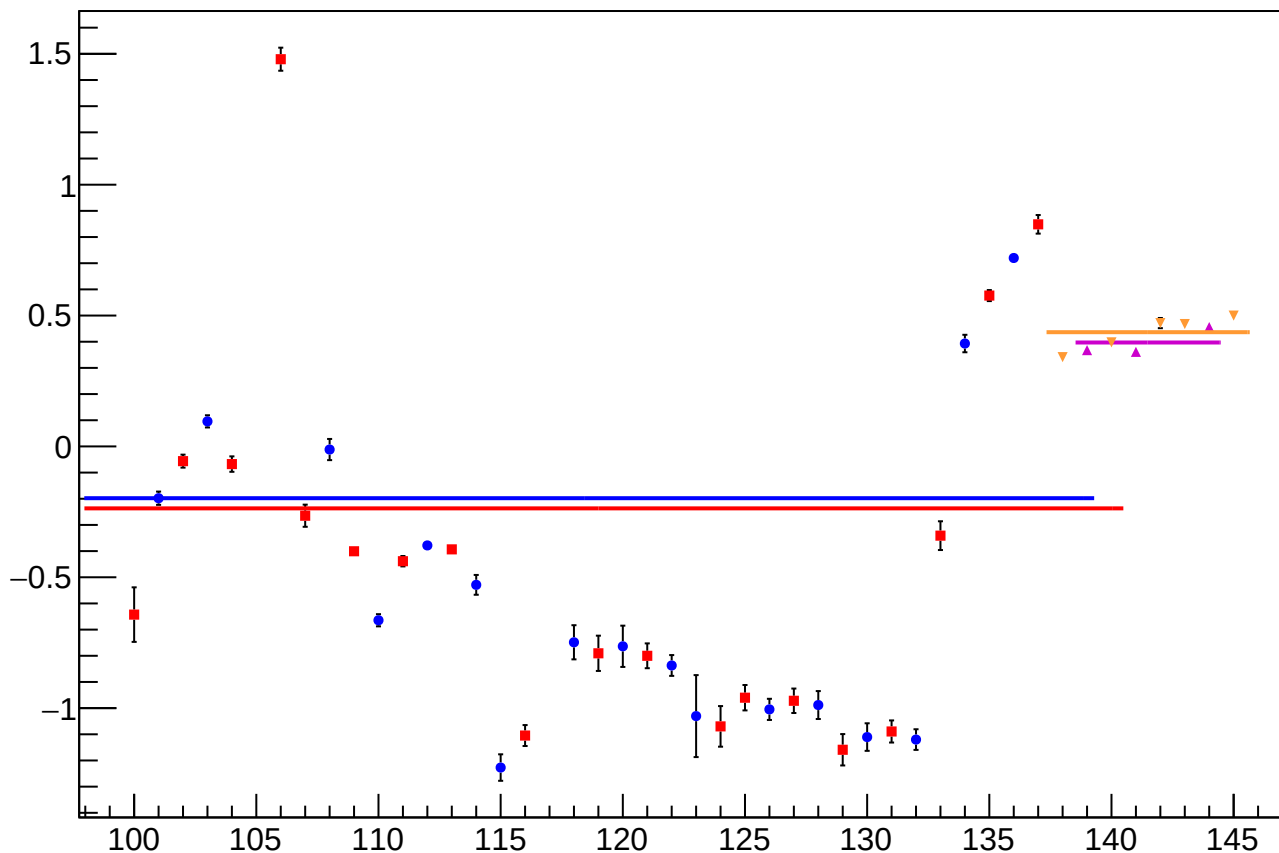
Right: -16.447 $\pm$ 0.092 χ^2 /NDF: 2872.2/35

In: -17.760 $\pm$ 0.105 χ^2 /NDF: 2334.1/19

Out: -17.916 $\pm$ 0.094 χ^2 /NDF: 2331.0/23

All: -17.847 $\pm$ 0.070 χ^2 /NDF: 4666.4/43

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.436 ± 0.006 χ^2/NDF : 89.2/4

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

Left In: 0.397 ± 0.008 χ^2/NDF : 31.6/2

Left: 0.420 ± 0.005 χ^2/NDF : 135.9/7

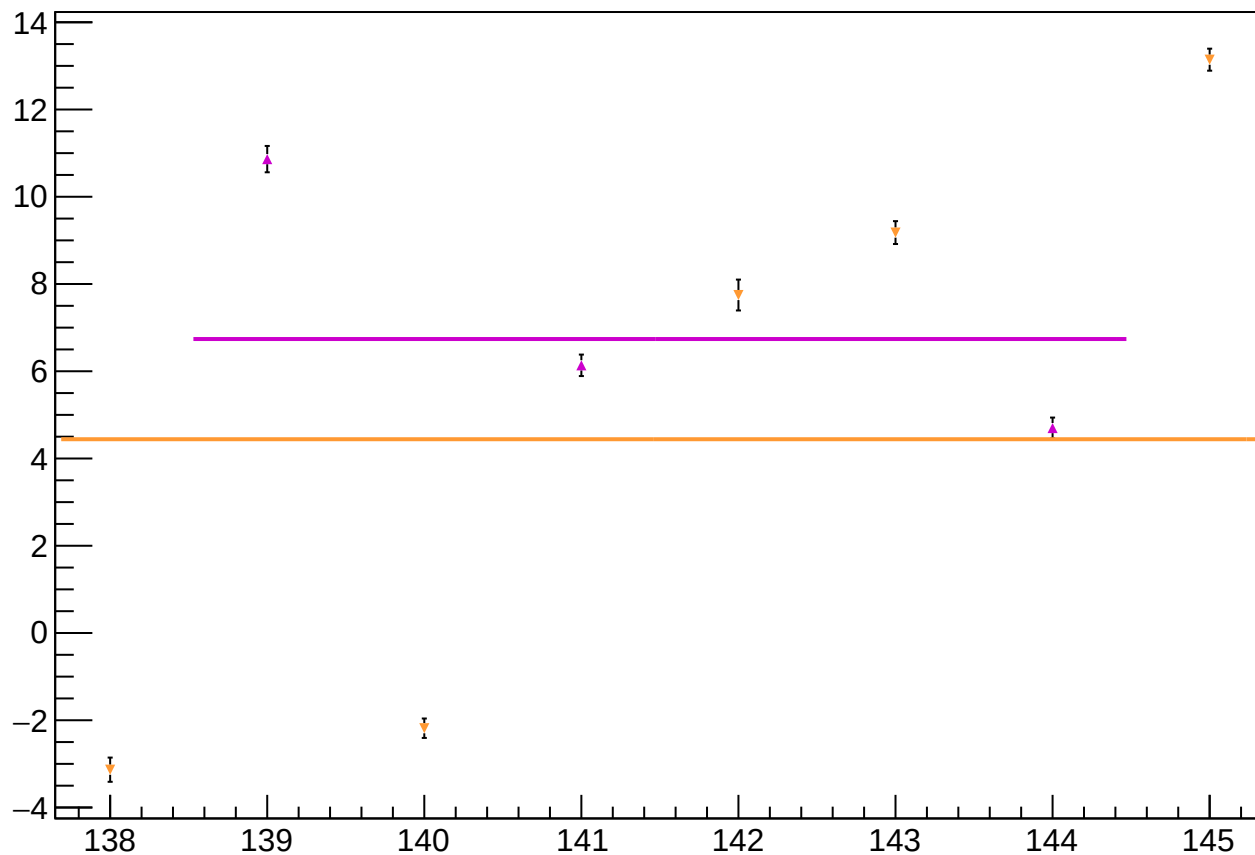
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: 0.089 ± 0.005 χ^2/NDF : 9375.3/19

Out: 0.136 ± 0.005 χ^2/NDF : 11187.1/23

All: 0.115 ± 0.004 χ^2/NDF : 20604.1/43

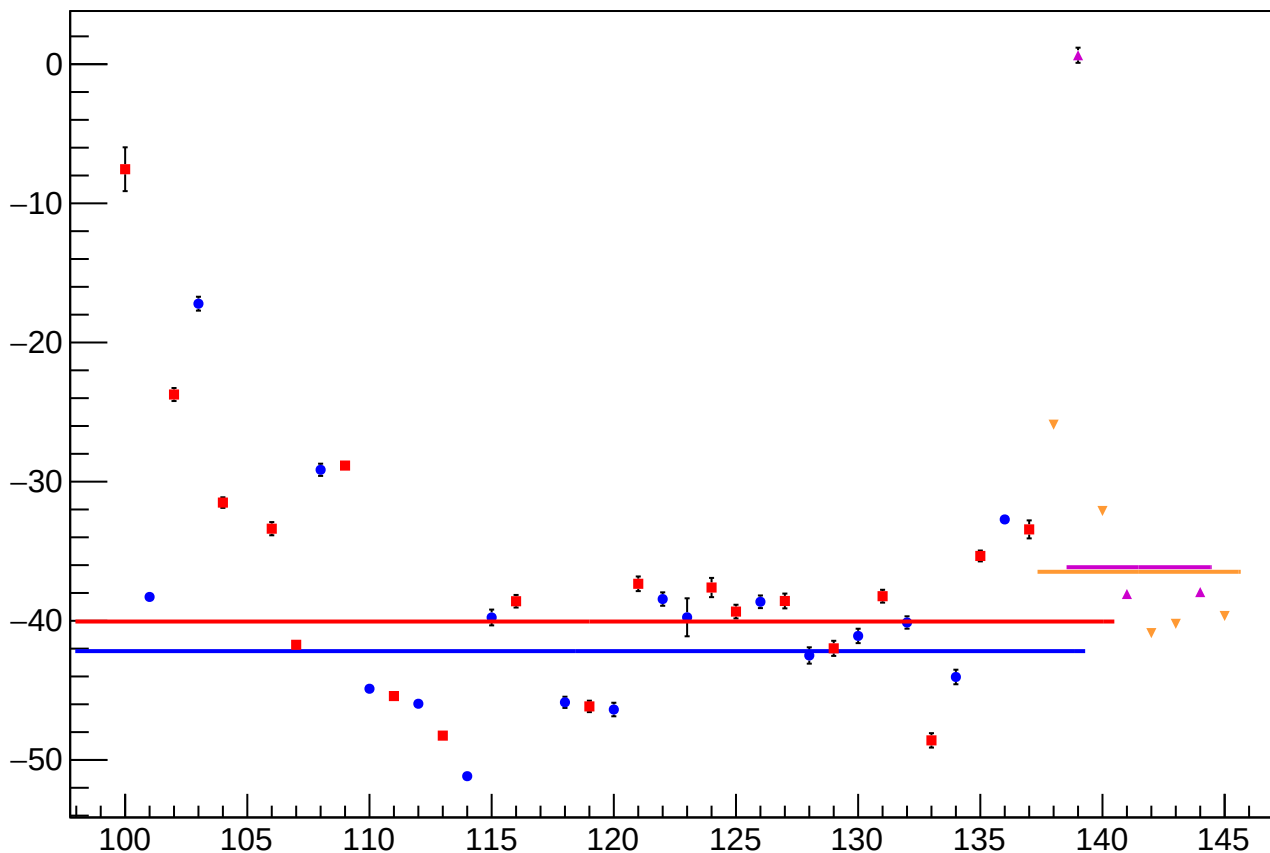
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.442+/-0.118 χ^2/NDF :3231.6/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.739+/-0.149 χ^2/NDF :264.8/2

Left: 5.327+/-0.093 χ^2/NDF : 3641.6/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.739+/-0.149 χ^2/NDF :264.8/2
 Out: 4.442+/-0.118 χ^2/NDF :3231.6/4
 All: 5.327+/-0.093 χ^2/NDF : 3641.6/7

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -36.477 ± 0.092 χ^2/NDF : 3184.4/4

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

Left In: -36.149 ± 0.119 χ^2/NDF : 4794.2/2

Left: -36.355 ± 0.073 χ^2/NDF : 7983.4/7

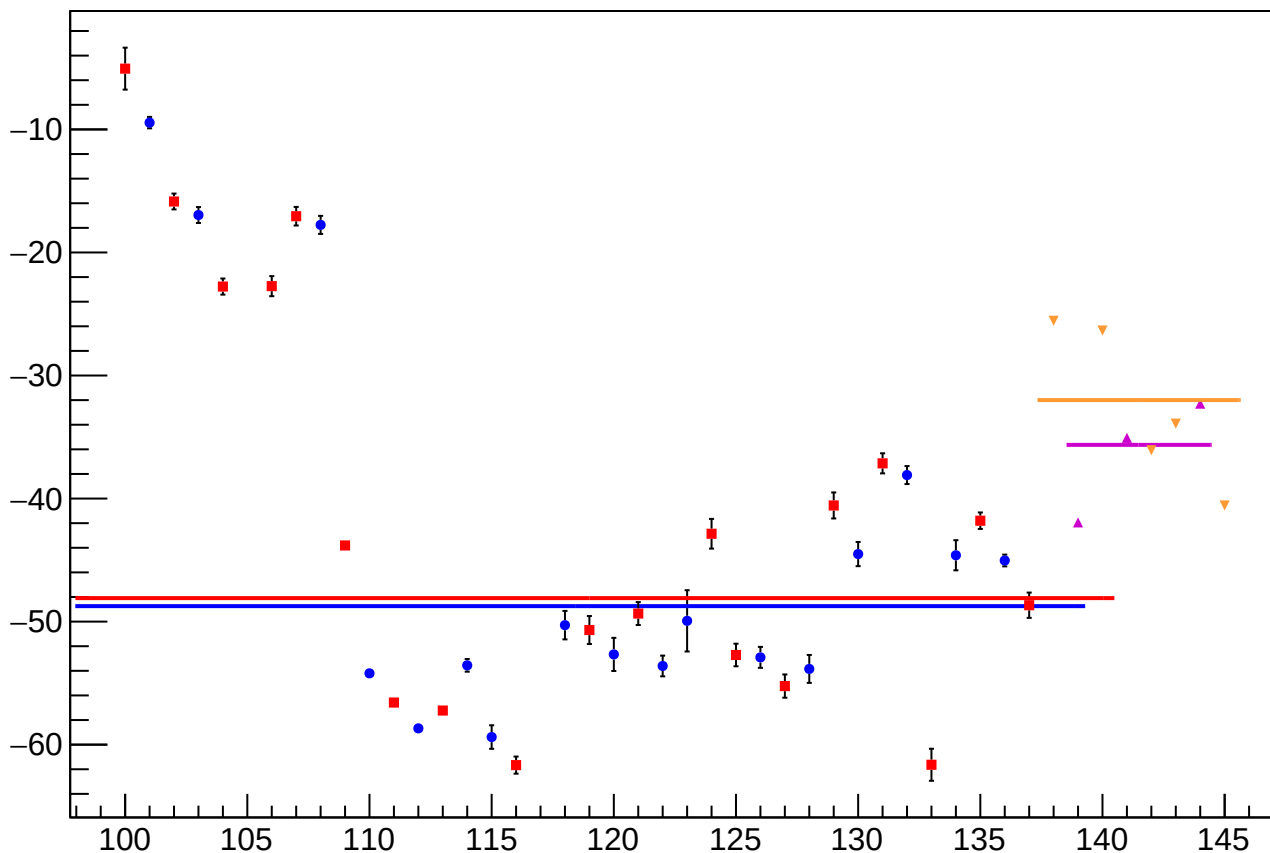
Right: -41.045 ± 0.053 χ^2/NDF : 18285.9/35

In: -40.381 ± 0.065 χ^2/NDF : 13160.8/19

Out: -38.670 ± 0.057 χ^2/NDF : 15430.5/23

All: -39.412 ± 0.043 χ^2/NDF : 28981.8/43

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -31.997 ± 0.127 χ^2/NDF : 2207.8/4

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

Left In: -35.636 ± 0.160 χ^2/NDF : 546.1/2

Left: -33.397 ± 0.099 χ^2/NDF : 3072.1/7

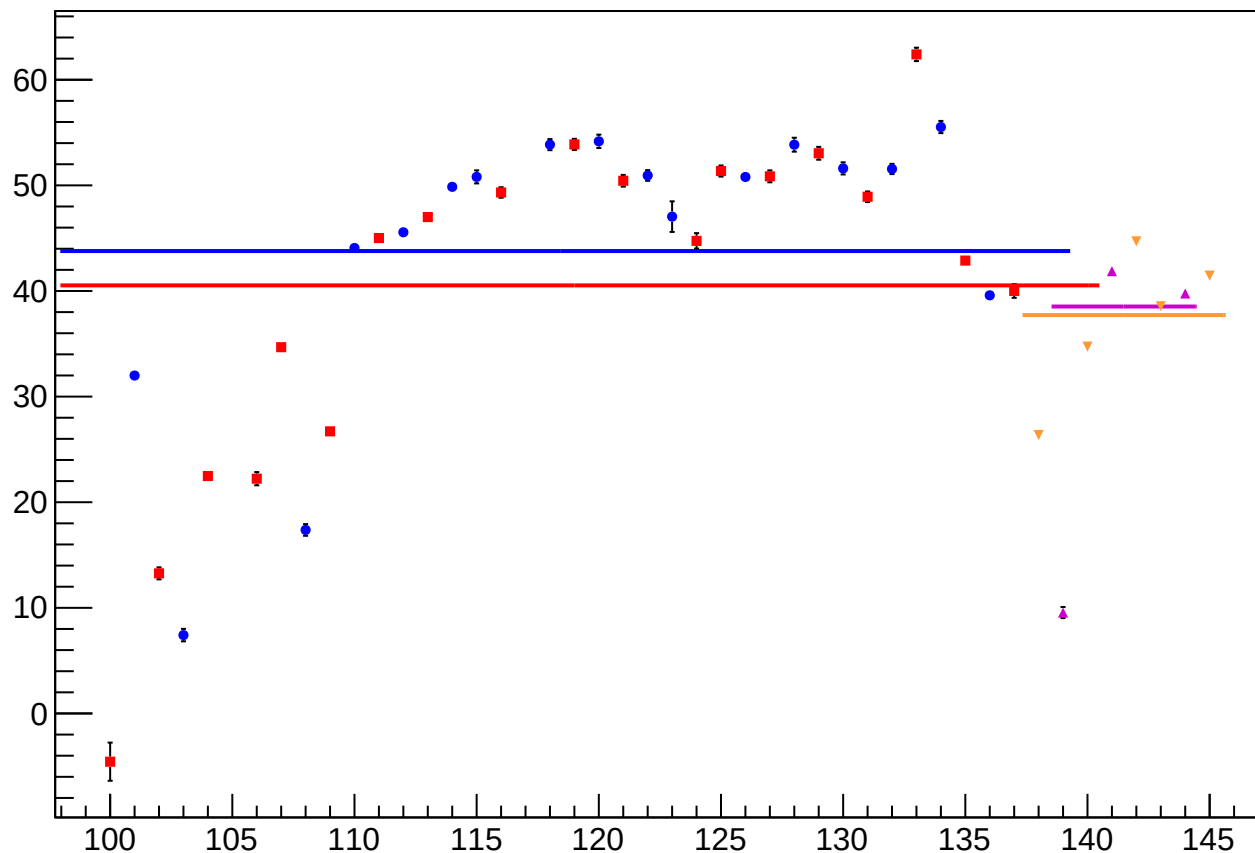
Right: -48.369 ± 0.081 χ^2/NDF : 26405.8/35

In: -43.803 ± 0.098 χ^2/NDF : 19386.9/19

Out: -41.365 ± 0.082 χ^2/NDF : 23355.2/23

All: -42.363 ± 0.063 χ^2/NDF : 43105.9/43

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: 37.722 $\pm$ 0.109 χ^2 /NDF: 2452.4/4

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

Left In: 38.529 $\pm$ 0.141 χ^2 /NDF: 3343.6/2

Left: 38.024 $\pm$ 0.086 χ^2 /NDF: 5816.6/7

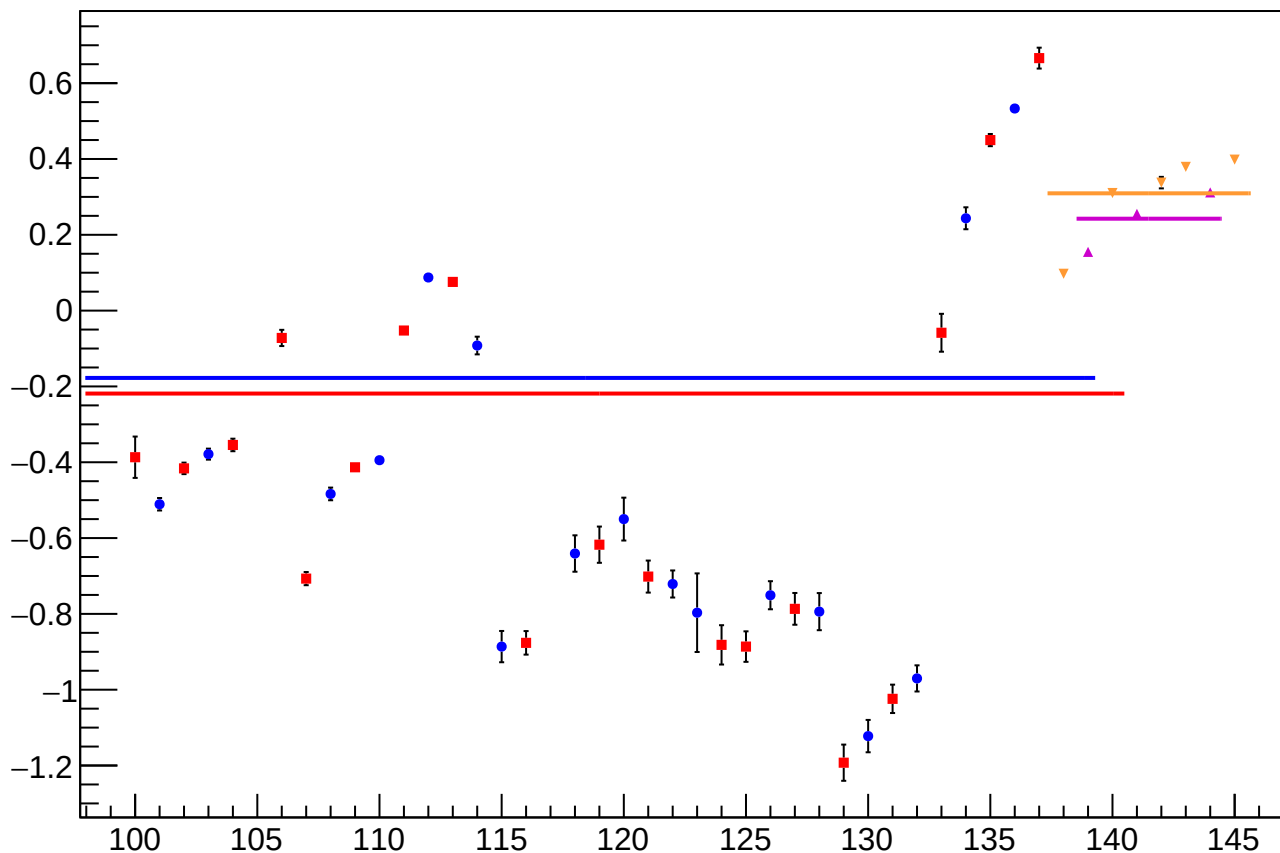
Right: 42.031 $\pm$ 0.059 χ^2 /NDF: 28978.3/35

In: 42.340 $\pm$ 0.074 χ^2 /NDF: 14992.1/19

Out: 39.544 $\pm$ 0.065 χ^2 /NDF: 20464.1/23

All: 40.757 $\pm$ 0.049 χ^2 /NDF: 36269.4/43

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.309 ± 0.005 χ^2/NDF : 429.0/4

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

Left In: 0.242 ± 0.006 χ^2/NDF : 97.5/2

Left: 0.283 ± 0.004 χ^2/NDF : 593.0/7

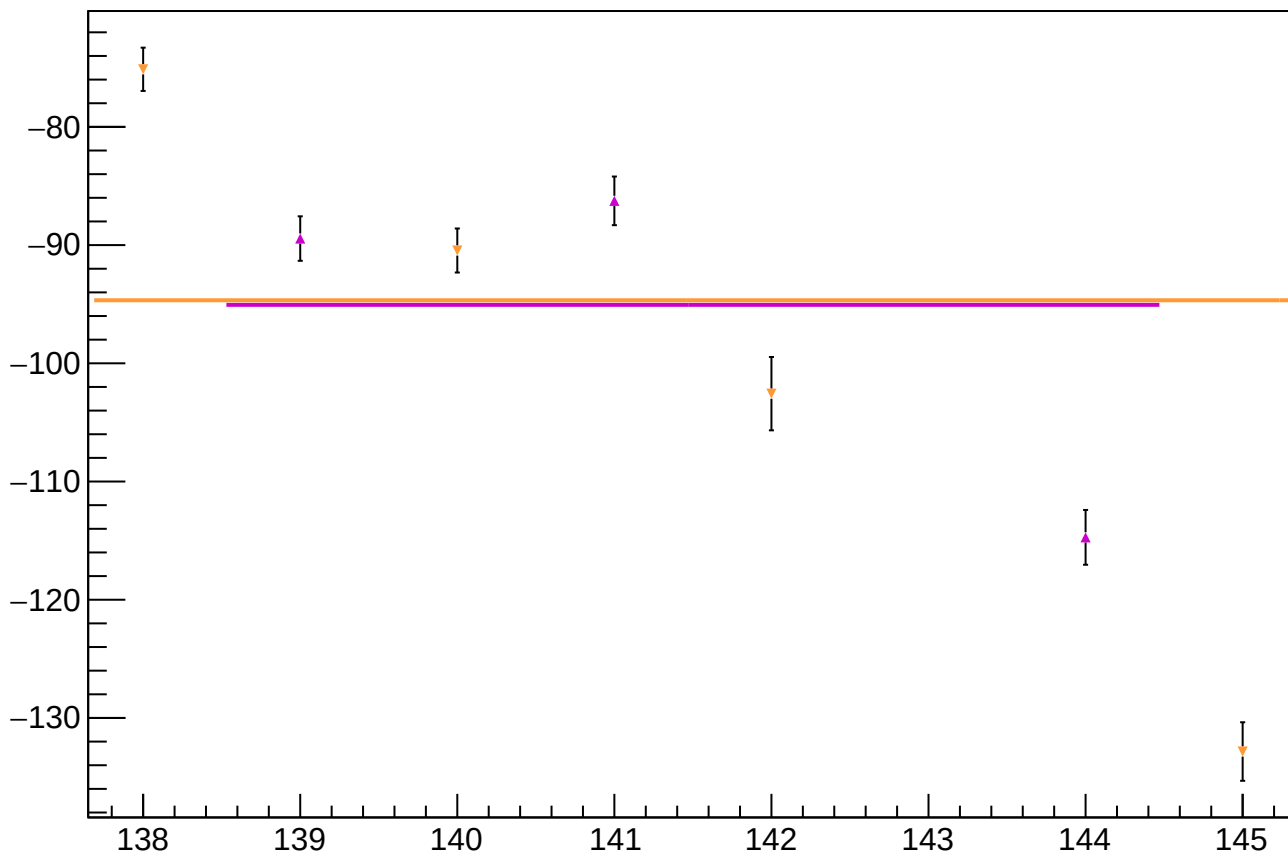
Right: -0.201 ± 0.003 χ^2/NDF : 14886.5/35

In: -0.025 ± 0.004 χ^2/NDF : 10217.1/19

Out: -0.002 ± 0.003 χ^2/NDF : 14094.9/23

All: -0.012 ± 0.003 χ^2/NDF : 24332.3/43

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -94.668+/-1.082 χ^2/NDF :363.3/3

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

Left In: -95.053+/-1.191 χ^2/NDF :99.2/2

Left: -94.842+/-0.801 χ^2/NDF : 462.6/6

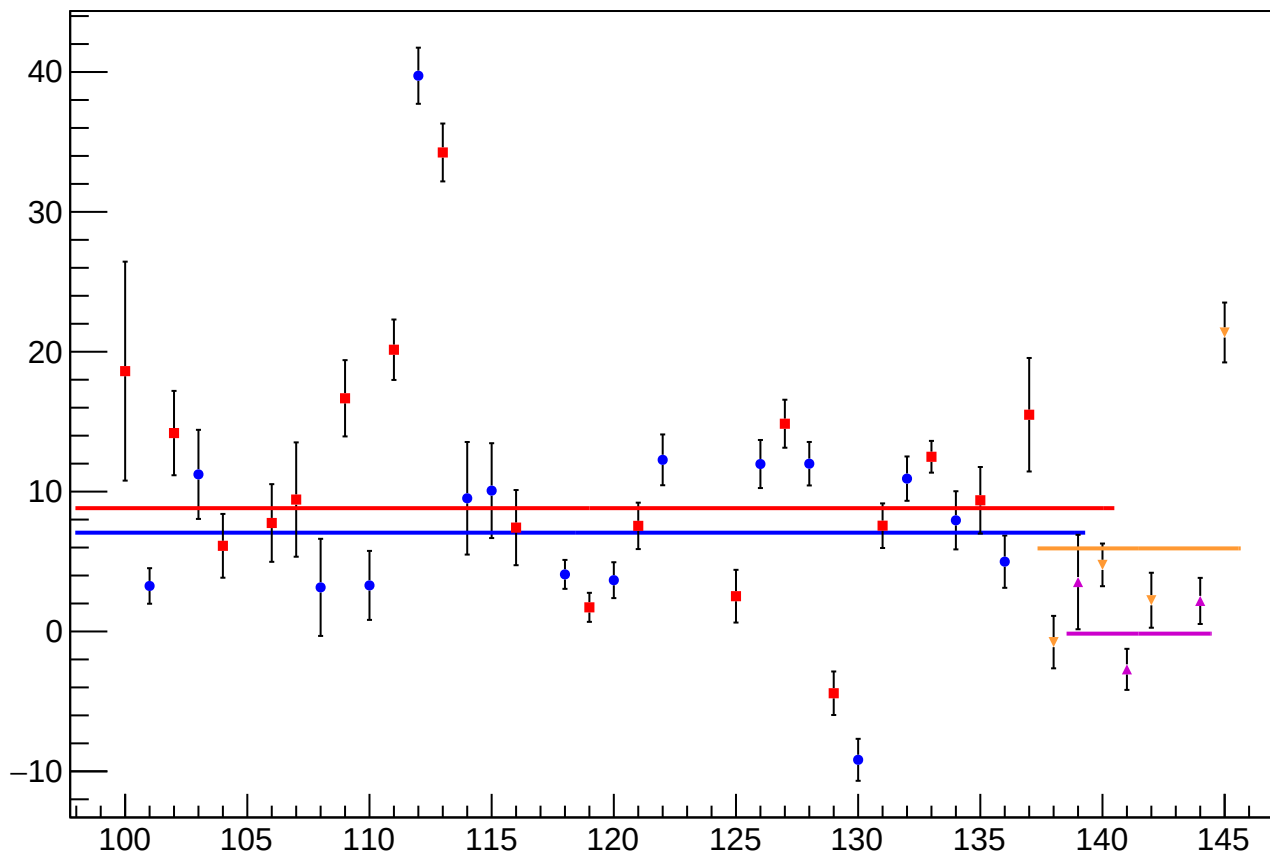
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.053+/-1.191 χ^2/NDF :99.2/2

Out: -94.668+/-1.082 χ^2/NDF :363.3/3

All: -94.842+/-0.801 χ^2/NDF : 462.6/6

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: 5.939 ± 0.916 $\chi^2/\text{NDF}: 69.0/3$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: -0.156 ± 1.043 $\chi^2/\text{NDF}: 6.2/2$

Left: 3.284 ± 0.688 $\chi^2/\text{NDF}: 94.5/6$

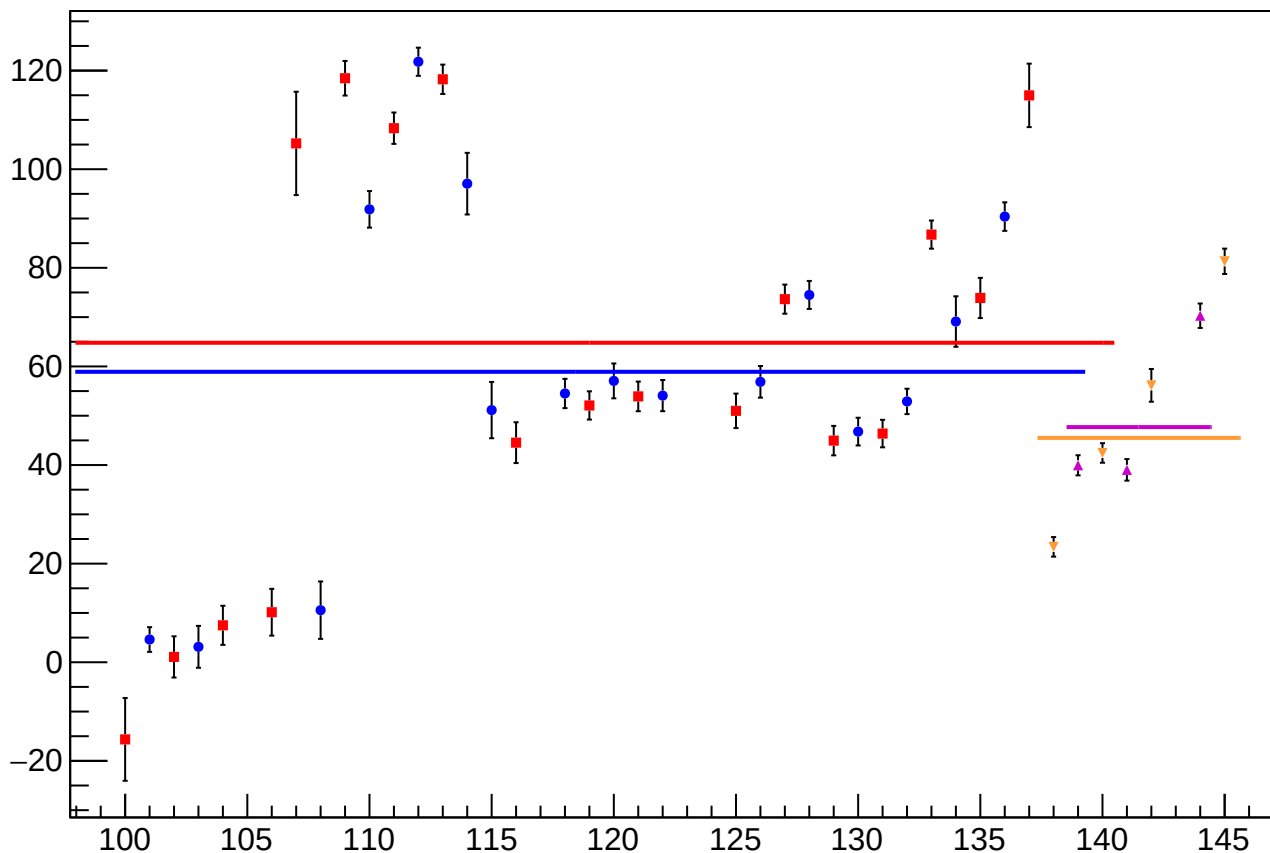
Right: 7.909 ± 0.312 $\chi^2/\text{NDF}: 805.1/33$

In: 5.999 ± 0.400 $\chi^2/\text{NDF}: 494.0/18$

Out: 8.259 ± 0.403 $\chi^2/\text{NDF}: 427.3/21$

All: 7.121 ± 0.284 $\chi^2/\text{NDF}: 937.1/40$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913 ± 0.831 χ^2/NDF : 1496.7/15

Left Out: 45.508 ± 1.154 χ^2/NDF : 331.1/3

Right Out: 64.803 ± 0.840 χ^2/NDF : 1718.2/17

Left In: 47.699 ± 1.278 χ^2/NDF : 113.2/2

Left: 46.493 ± 0.857 χ^2/NDF : 446.0/6

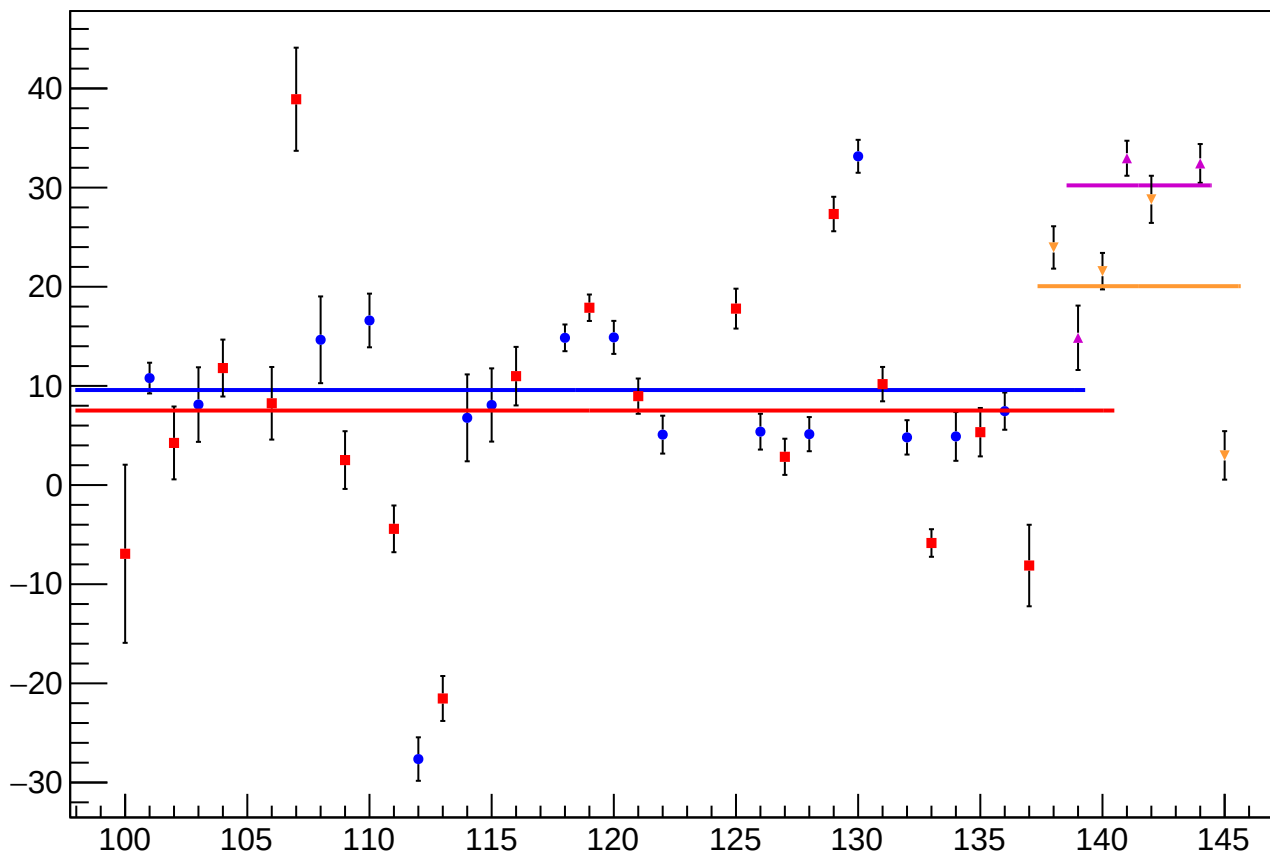
Right: 61.827 ± 0.591 χ^2/NDF : 3239.7/33

In: 55.578 ± 0.697 χ^2/NDF : 1664.0/18

Out: 58.121 ± 0.679 χ^2/NDF : 2231.9/21

All: 56.882 ± 0.486 χ^2/NDF : 3902.7/40

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 20.057 ± 1.079 χ^2/NDF : 66.3/3

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

Left In: 30.223 ± 1.216 χ^2/NDF : 26.1/2

Left: 24.538 ± 0.807 χ^2/NDF : 131.5/6

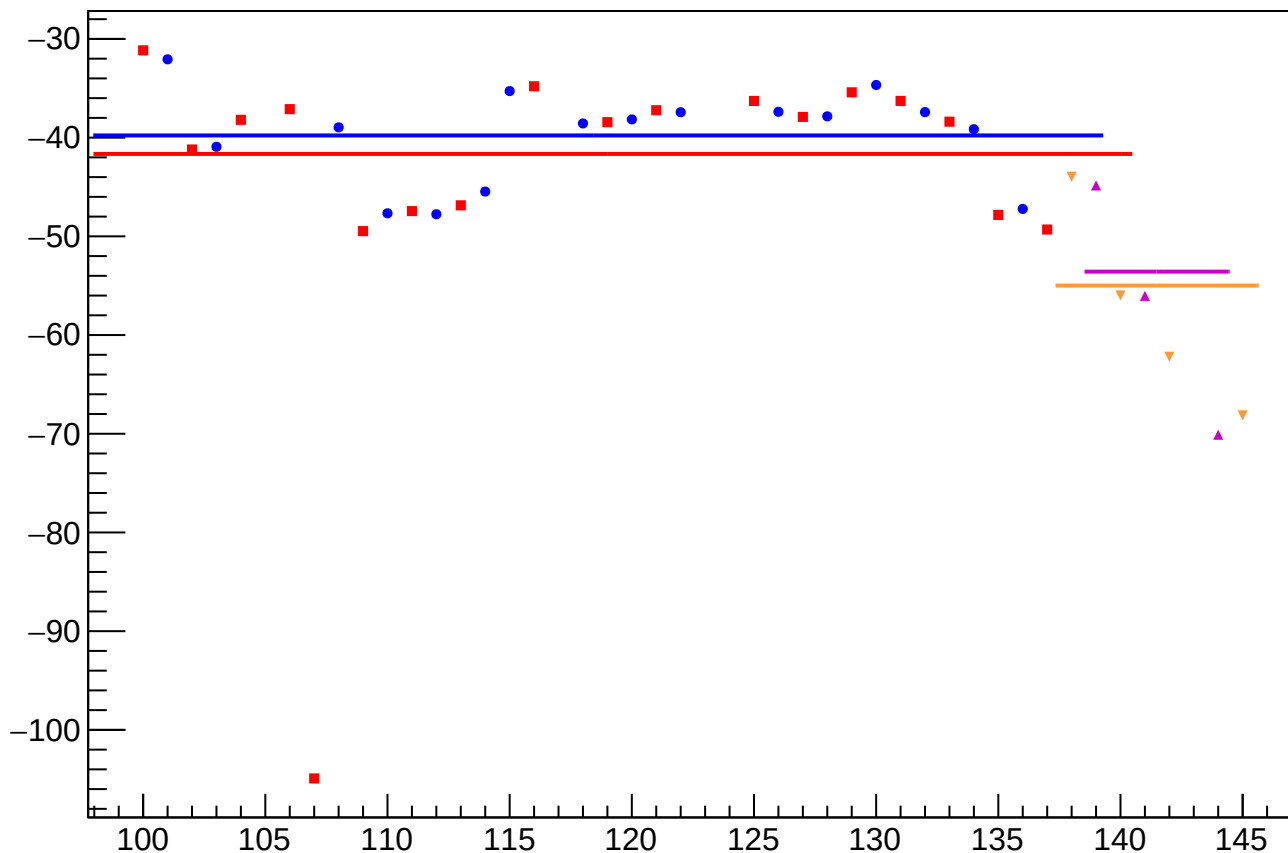
Right: 8.579 ± 0.359 χ^2/NDF : 1132.5/33

In: 12.581 ± 0.463 χ^2/NDF : 826.9/18

Out: 9.847 ± 0.465 χ^2/NDF : 746.0/21

All: 11.220 ± 0.328 χ^2/NDF : 1590.3/40

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -54.987 ± 0.047 χ^2/NDF : 39723.0/3

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

Left In: -53.575 ± 0.049 χ^2/NDF : 38804.2/2

Left: -54.315 ± 0.034 χ^2/NDF : 78953.8/6

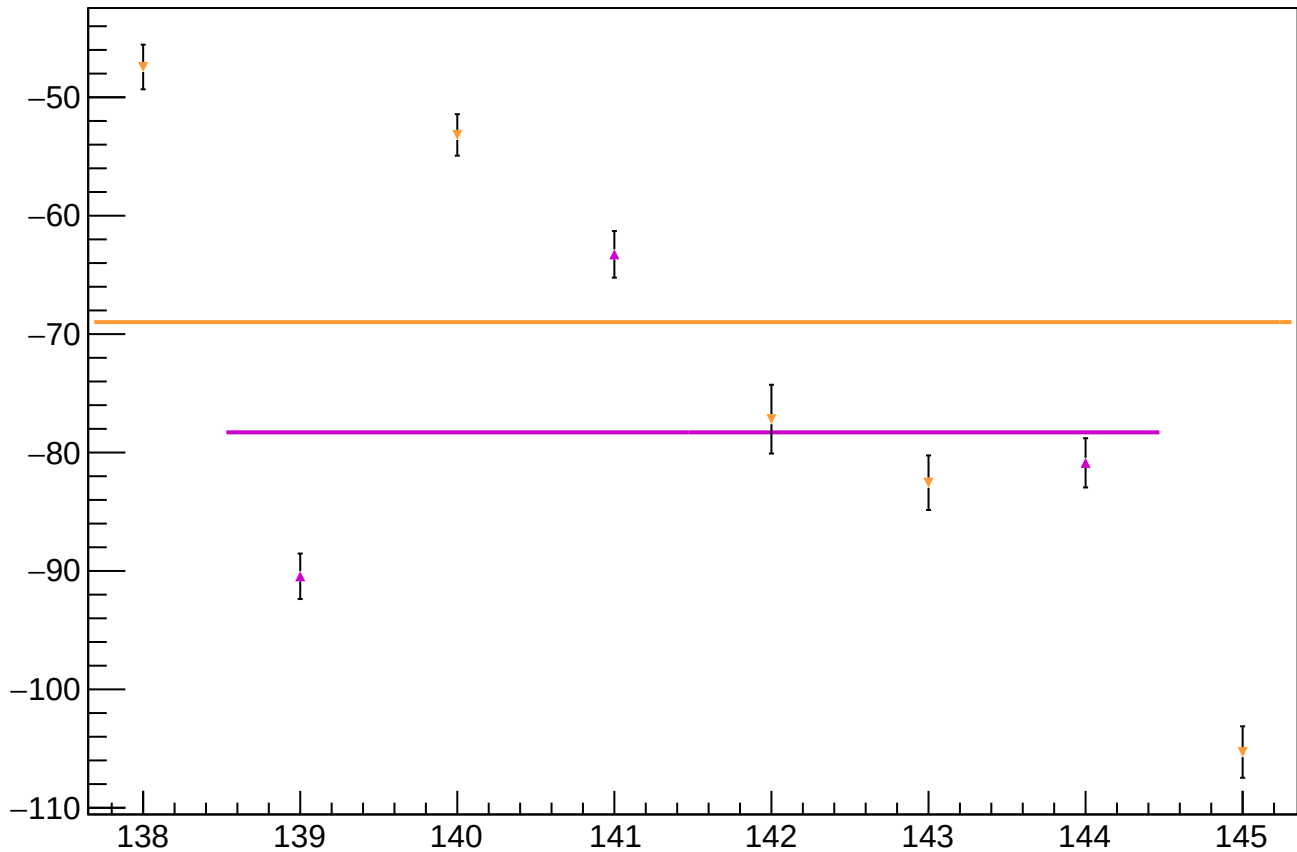
Right: -40.710 ± 0.022 χ^2/NDF : 122427.7/33

In: -43.677 ± 0.026 χ^2/NDF : 120728.4/18

Out: -45.713 ± 0.026 χ^2/NDF : 189865.0/21

All: -44.707 ± 0.018 χ^2/NDF : 313620.5/40

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -68.985+/-0.942 χ^2/NDF :533.6/4

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

Left In: -78.296+/-1.146 χ^2/NDF :100.1/2

Left: -72.740+/-0.728 χ^2/NDF : 673.1/7

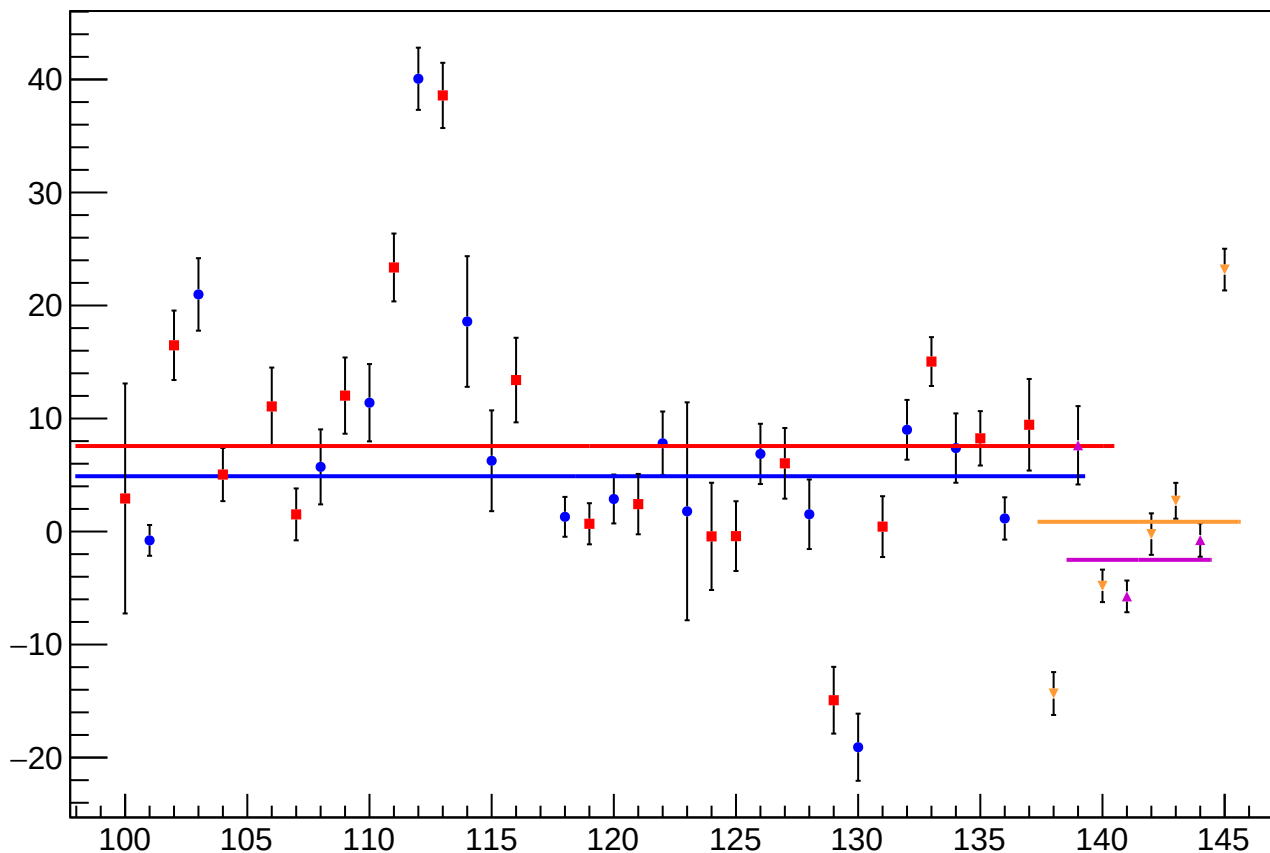
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.296+/-1.146 χ^2/NDF :100.1/2

Out: -68.985+/-0.942 χ^2/NDF :533.6/4

All: -72.740+/-0.728 χ^2/NDF : 673.1/7

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: 0.863 ± 0.756 $\chi^2/\text{NDF}: 227.8/4$

Right Out: 7.565 ± 0.652 $\chi^2/\text{NDF}: 270.2/18$

Left In: -2.504 ± 0.977 $\chi^2/\text{NDF}: 15.3/2$

Left: -0.397 ± 0.598 $\chi^2/\text{NDF}: 250.5/7$

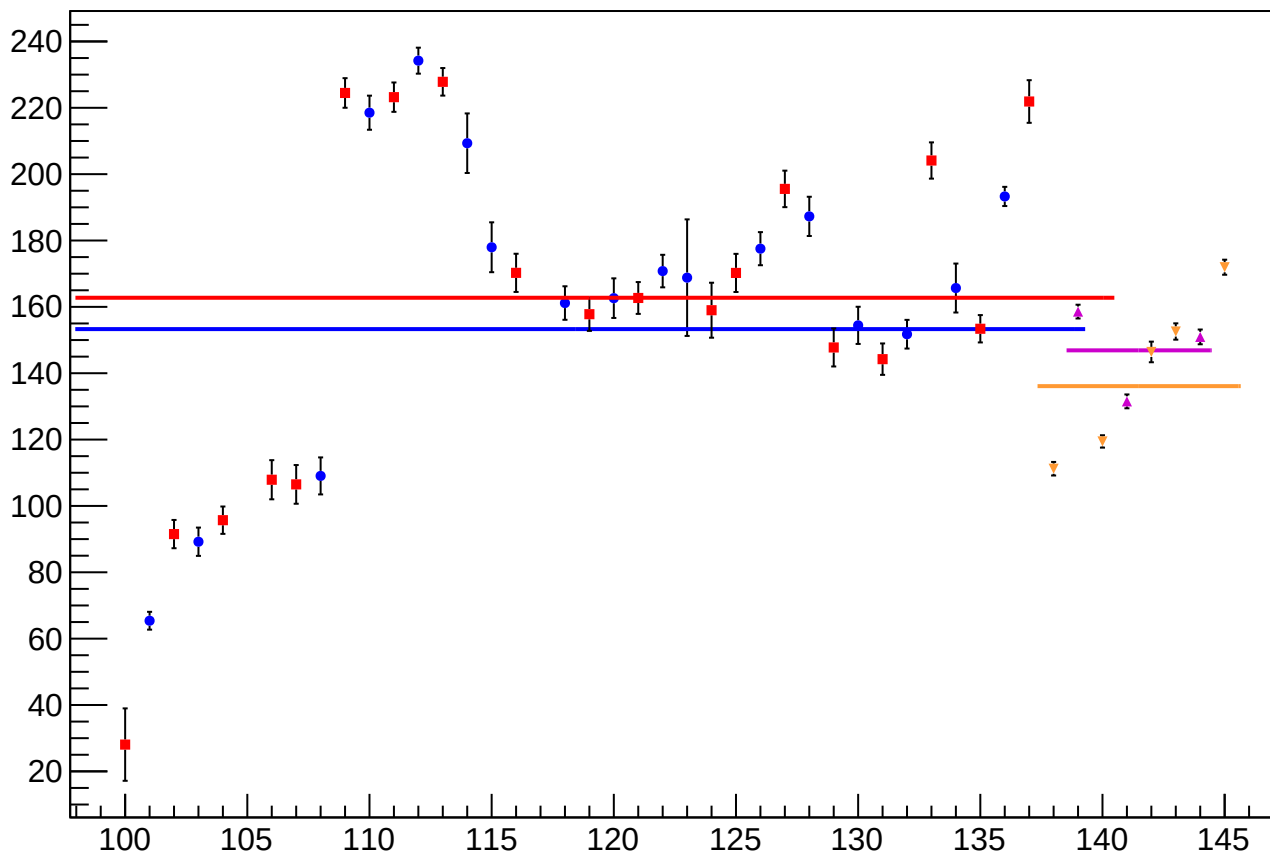
Right: 6.165 ± 0.450 $\chi^2/\text{NDF}: 574.4/35$

In: 2.765 ± 0.524 $\chi^2/\text{NDF}: 351.4/19$

Out: 4.709 ± 0.494 $\chi^2/\text{NDF}: 543.1/23$

All: 3.796 ± 0.359 $\chi^2/\text{NDF}: 901.8/43$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF : 2266.8/16

Left Out: 136.107+/-1.005 χ^2/NDF : 533.4/4

Right Out: 162.747+/-1.177 χ^2/NDF : 1708.7/18

Left In: 146.893+/-1.229 χ^2/NDF : 89.1/2

Left: 140.431+/-0.778 χ^2/NDF : 668.6/7

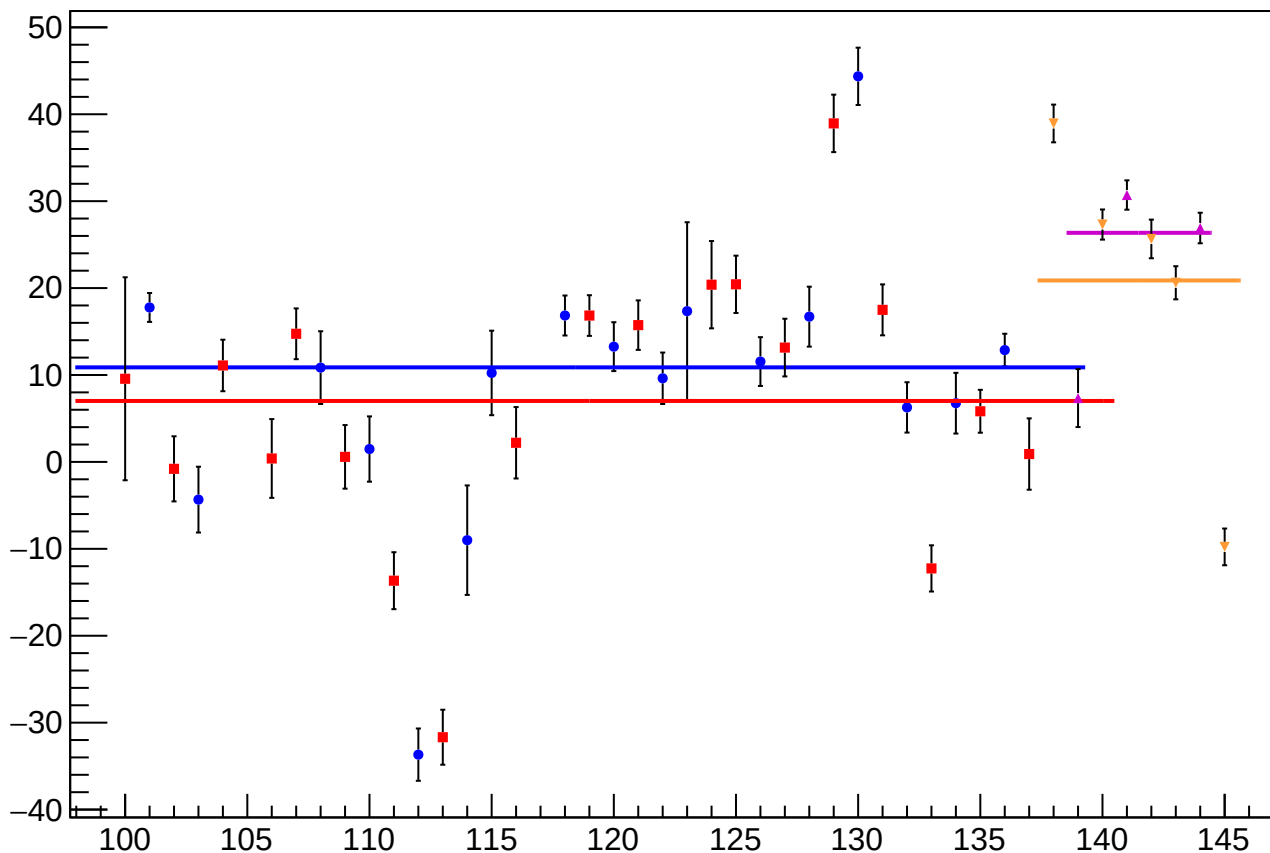
Right: 157.893+/-0.820 χ^2/NDF : 4008.6/35

In: 150.322+/-0.838 χ^2/NDF : 2370.4/19

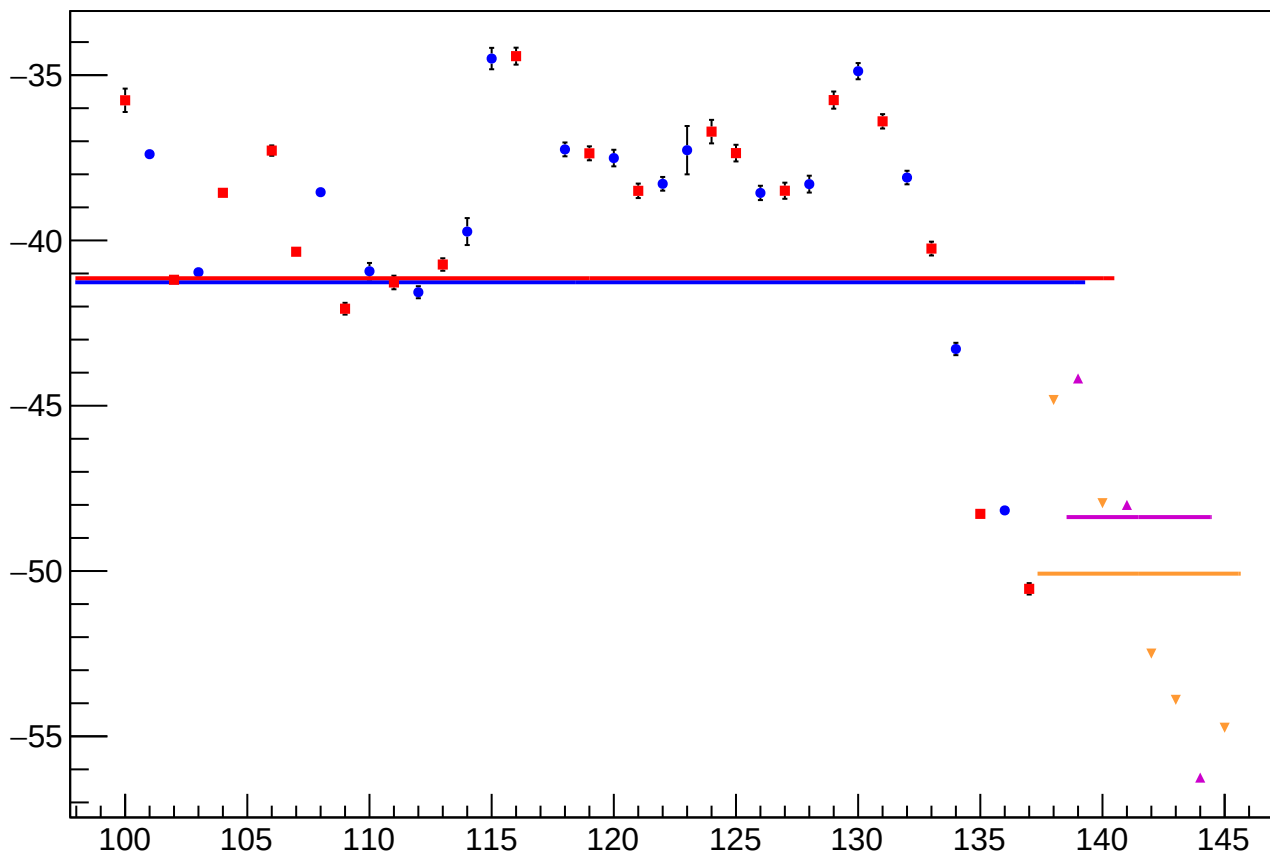
Out: 147.346+/-0.764 χ^2/NDF : 2538.5/23

All: 148.698+/-0.565 χ^2/NDF : 4915.7/43

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -50.080 ± 0.041 $\chi^2/\text{NDF}: 9486.4/4$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

Left In: -48.368 ± 0.048 $\chi^2/\text{NDF}: 9843.3/2$

Left: -49.360 ± 0.031 $\chi^2/\text{NDF}: 20062.3/7$

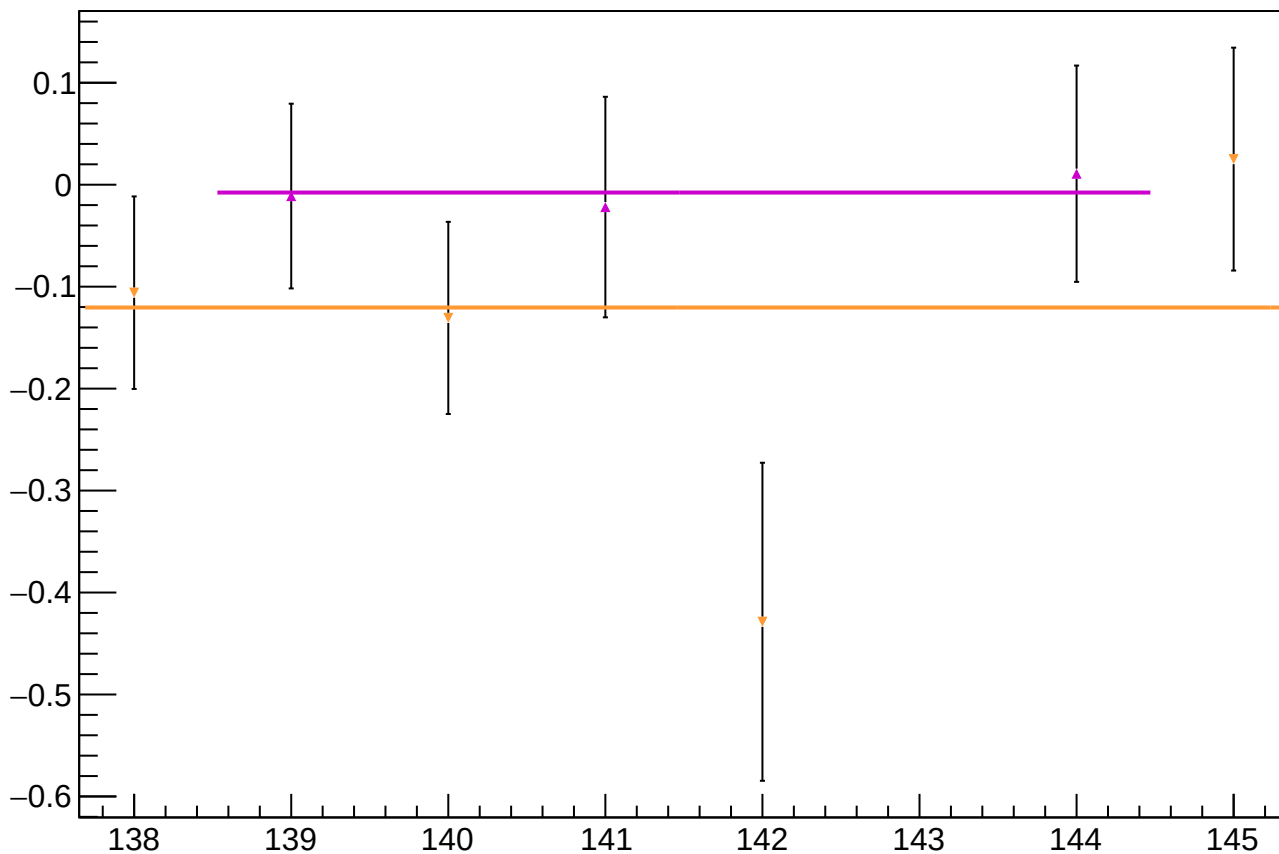
Right: -41.205 ± 0.027 $\chi^2/\text{NDF}: 24793.7/35$

In: -44.036 ± 0.030 $\chi^2/\text{NDF}: 35693.7/19$

Out: -45.345 ± 0.028 $\chi^2/\text{NDF}: 46881.8/23$

All: -44.734 ± 0.021 $\chi^2/\text{NDF}: 83588.4/43$

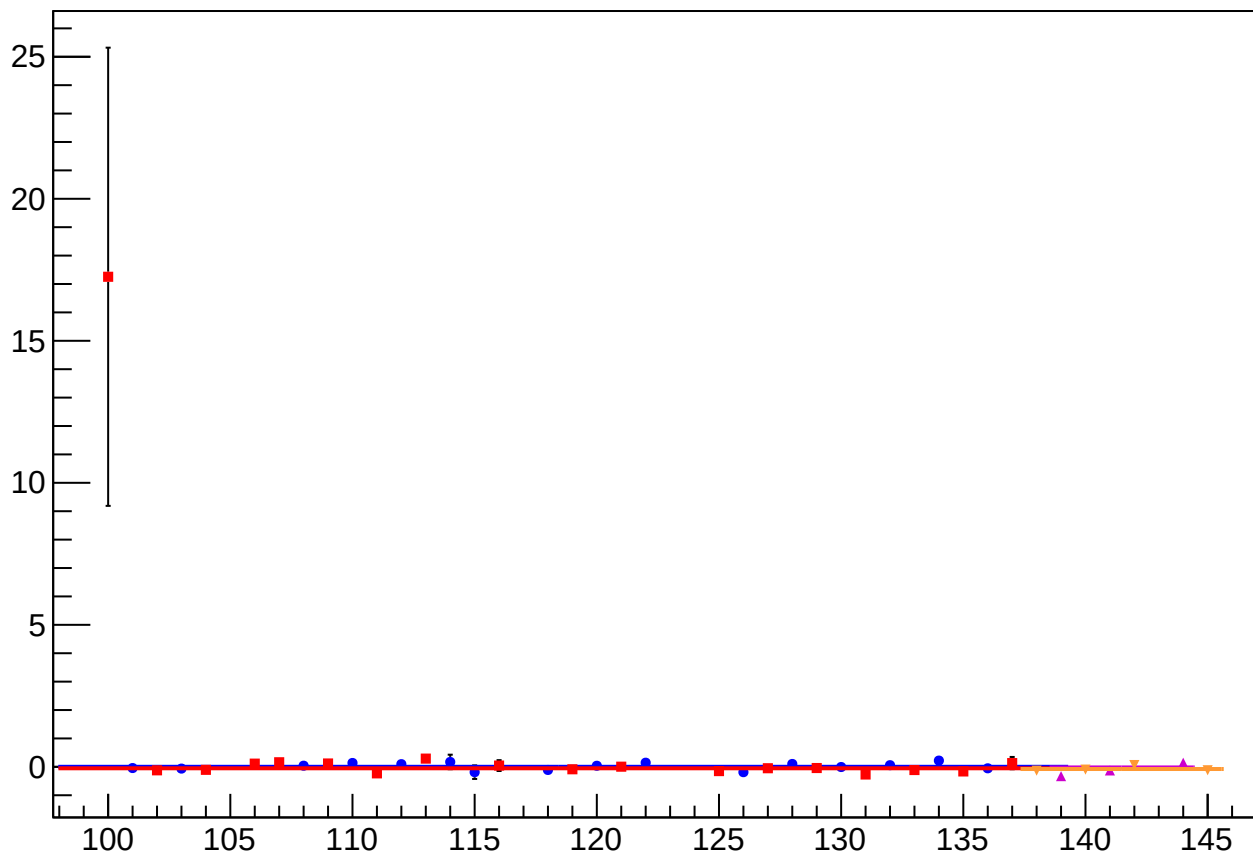
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.120+/-0.053 χ^2/NDF : 5.7/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.008+/-0.058 χ^2/NDF : 0.0/2

Left: -0.069+/-0.039 χ^2/NDF : 7.8/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.008+/-0.058 χ^2/NDF : 0.0/2
 Out: -0.120+/-0.053 χ^2/NDF : 5.7/3
 All: -0.069+/-0.039 χ^2/NDF : 7.8/6

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: -0.076 ± 0.046 $\chi^2/\text{NDF}: 2.6/3$

Right Out: -0.051 ± 0.029 $\chi^2/\text{NDF}: 25.8/17$

Left In: -0.021 ± 0.052 $\chi^2/\text{NDF}: 10.1/2$

Left: -0.052 ± 0.034 $\chi^2/\text{NDF}: 13.4/6$

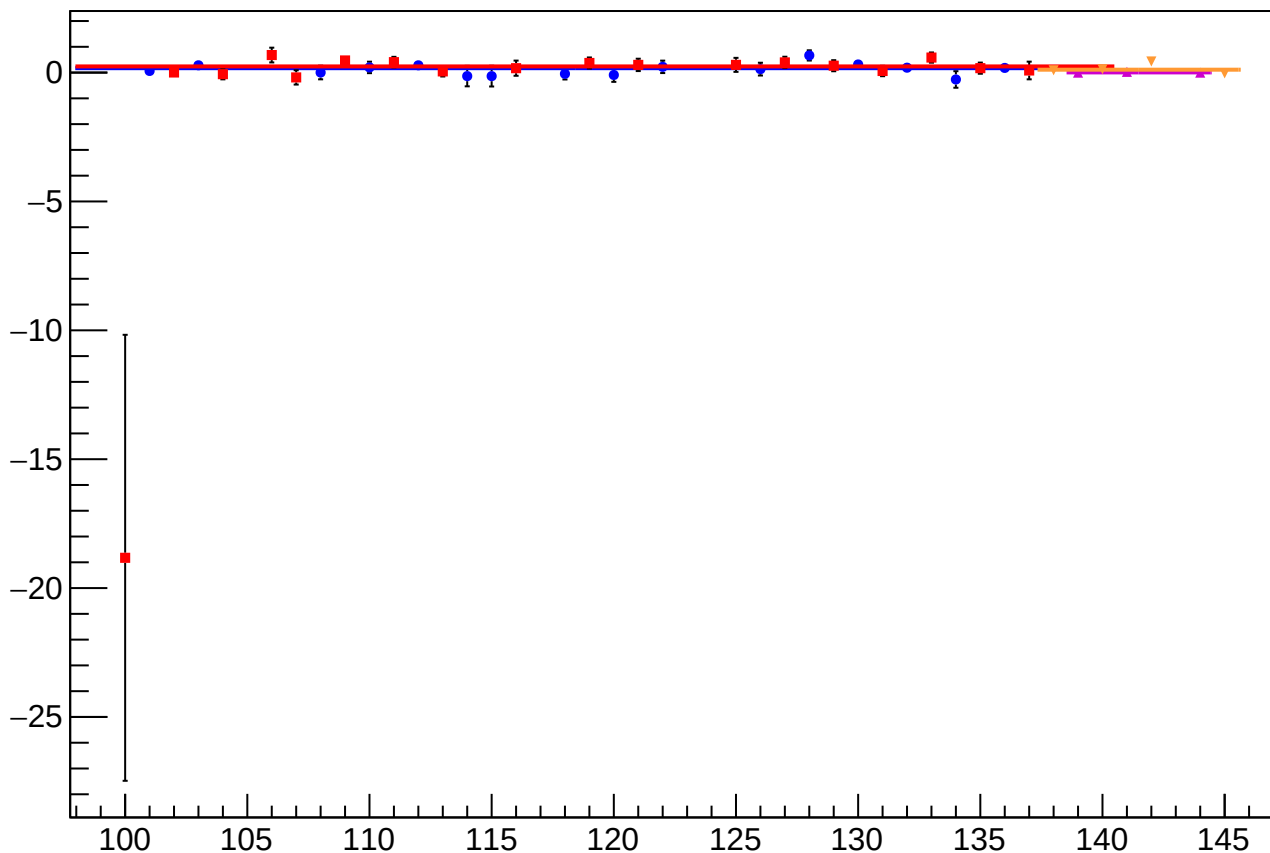
Right: -0.024 ± 0.020 $\chi^2/\text{NDF}: 40.0/33$

In: -0.004 ± 0.025 $\chi^2/\text{NDF}: 22.8/18$

Out: -0.058 ± 0.025 $\chi^2/\text{NDF}: 28.6/21$

All: -0.031 ± 0.017 $\chi^2/\text{NDF}: 53.9/40$

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: 0.112 $\pm$ 0.057 χ^2 /NDF: 5.3/3

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

Left In: 0.007 $\pm$ 0.062 χ^2 /NDF: 0.0/2

Left: 0.064 $\pm$ 0.042 χ^2 /NDF: 6.9/6

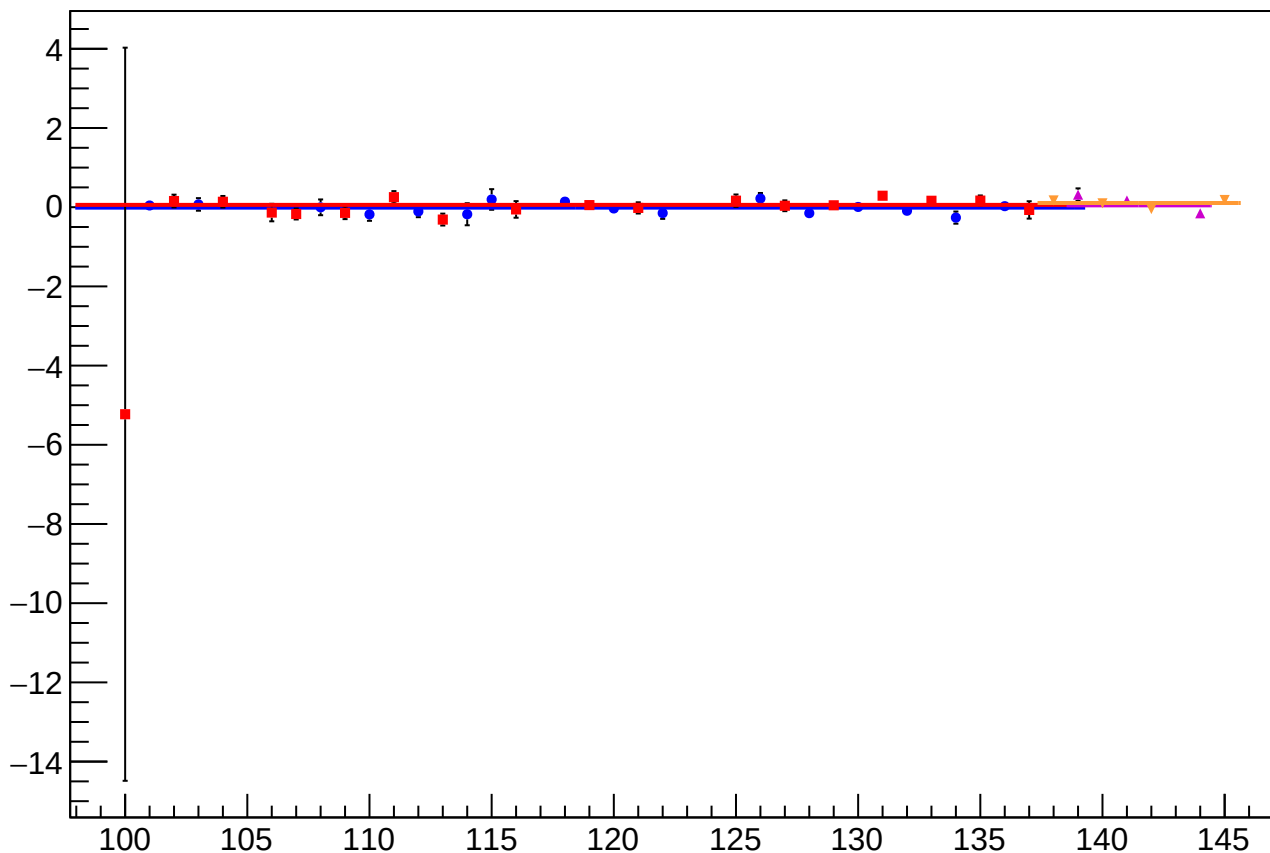
Right: 0.204 $\pm$ 0.038 χ^2 /NDF: 36.3/33

In: 0.103 $\pm$ 0.040 χ^2 /NDF: 17.8/18

Out: 0.179 $\pm$ 0.039 χ^2 /NDF: 29.7/21

All: 0.142 $\pm$ 0.028 χ^2 /NDF: 49.3/40

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.033 χ^2 /NDF: 13.8/15

Left Out: 0.106 $\pm$ 0.053 χ^2 /NDF:2.5/3

Right Out: 0.059 $\pm$ 0.034 χ^2 /NDF: 20.6/17

Left In: 0.047 $\pm$ 0.060 χ^2 /NDF:9.7/2

Left: 0.080 $\pm$ 0.040 χ^2 /NDF: 12.7/6

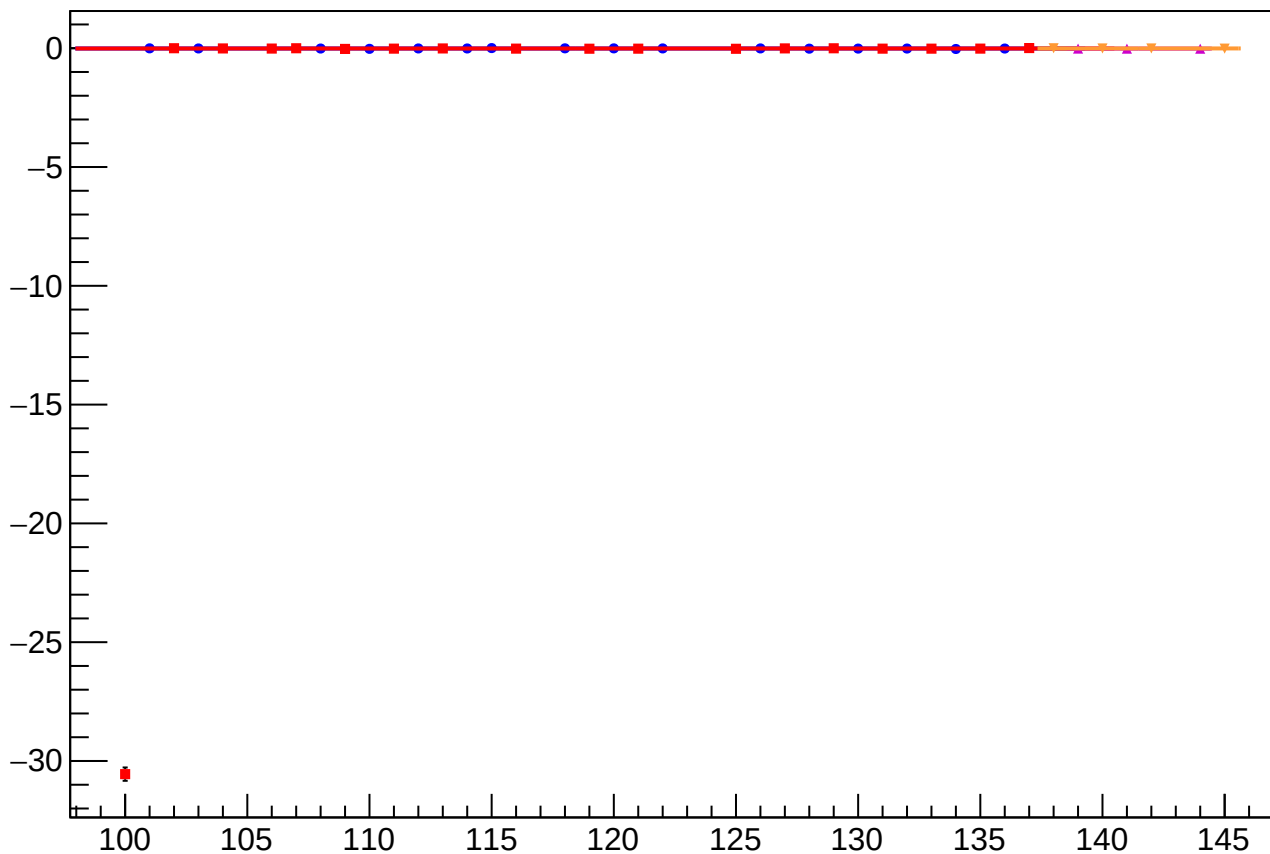
Right: 0.022 $\pm$ 0.023 χ^2 /NDF: 36.5/33

In: 0.002 $\pm$ 0.029 χ^2 /NDF:24.1/18

Out: 0.072 $\pm$ 0.029 χ^2 /NDF:23.6/21

All: 0.037 $\pm$ 0.020 χ^2 /NDF: 50.8/40

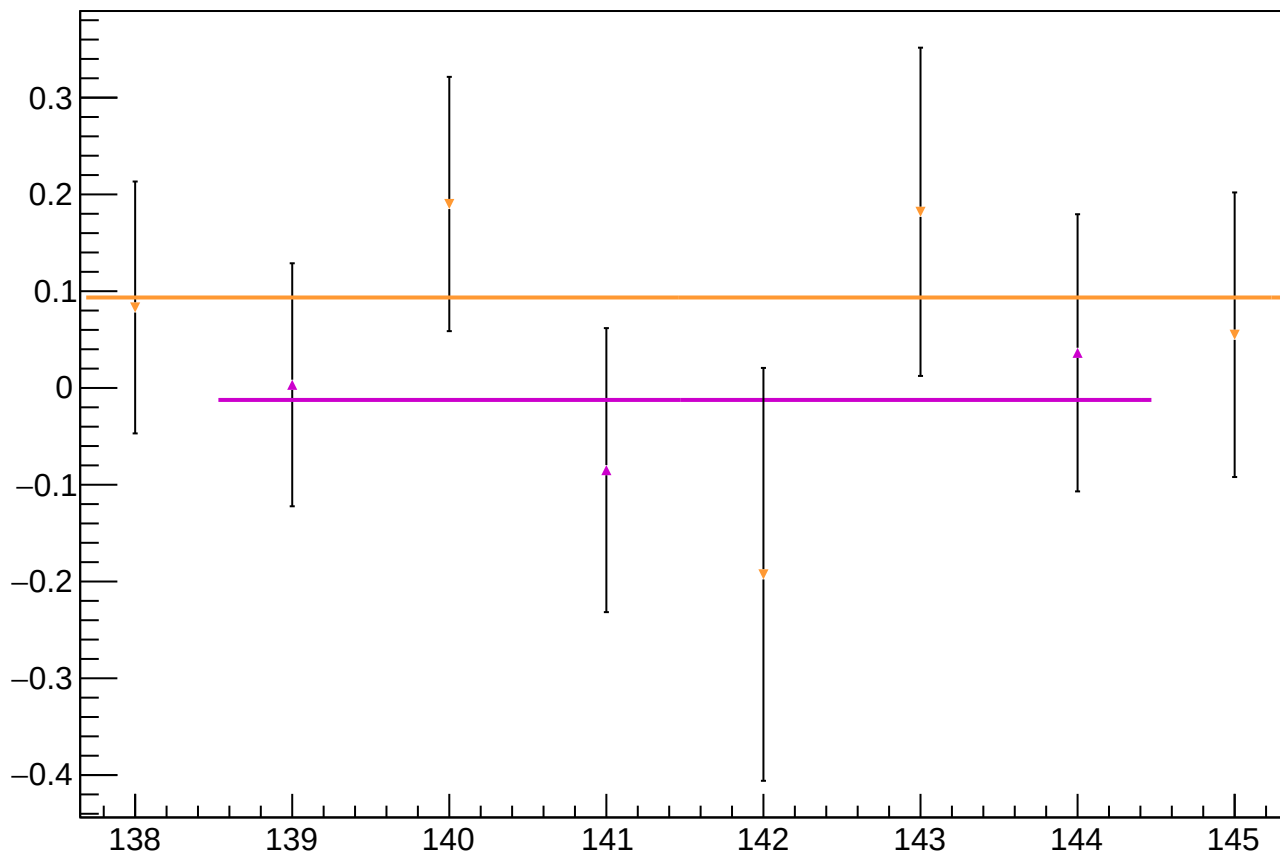
reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15
 Left Out: -0.009 ± 0.002 χ^2/NDF : 6.9/3
 Right Out: -0.012 ± 0.002 χ^2/NDF : 11891.5/17
 Left In: -0.017 ± 0.002 χ^2/NDF : 0.6/2

Left: -0.013 ± 0.002 χ^2/NDF : 13.4/6
 Right: -0.012 ± 0.001 χ^2/NDF : 11904.4/33
 In: -0.014 ± 0.001 χ^2/NDF : 16.7/18
 Out: -0.011 ± 0.001 χ^2/NDF : 11899.5/21
 All: -0.012 ± 0.001 χ^2/NDF : 11918.0/40

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: 0.093 $\pm$ 0.067 χ^2 /NDF: 2.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.012 $\pm$ 0.079 χ^2 /NDF: 0.4/2

Left: 0.049 $\pm$ 0.051 χ^2 /NDF: 4.1/7

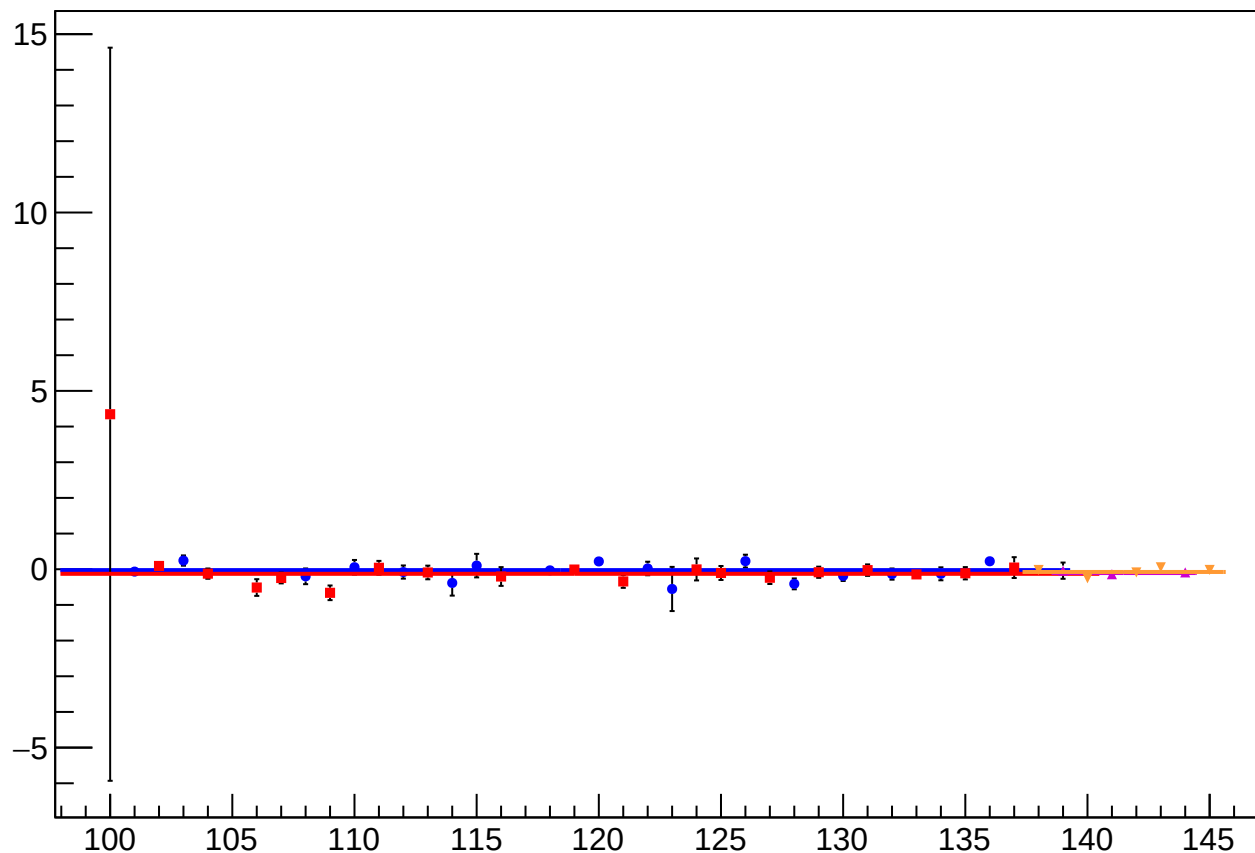
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.012 $\pm$ 0.079 χ^2 /NDF: 0.4/2

Out: 0.093 $\pm$ 0.067 χ^2 /NDF: 2.7/4

All: 0.049 $\pm$ 0.051 χ^2 /NDF: 4.1/7

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.076 ± 0.055 χ^2/NDF : 4.3/4

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

Left In: -0.106 ± 0.070 χ^2/NDF : 0.2/2

Left: -0.088 ± 0.043 χ^2/NDF : 4.6/7

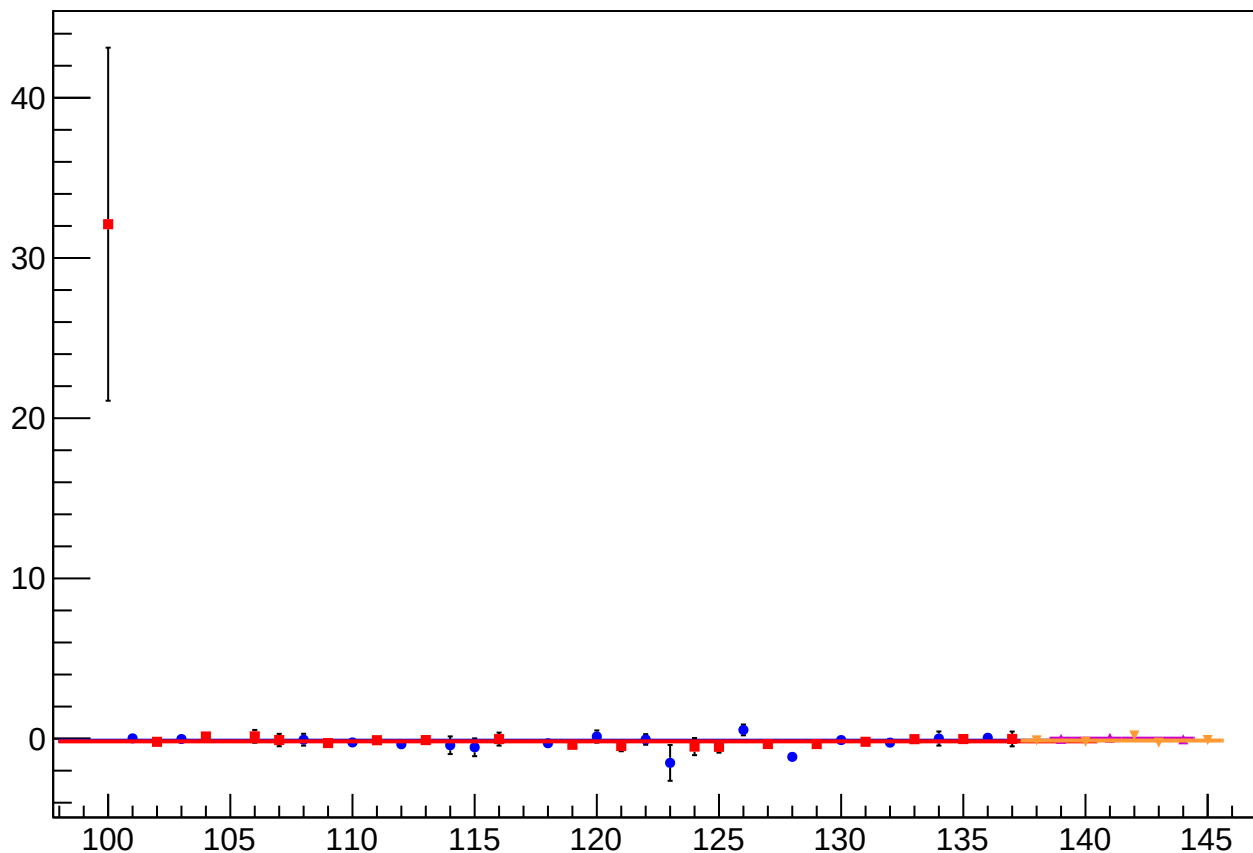
Right: -0.072 ± 0.027 χ^2/NDF : 44.7/35

In: -0.042 ± 0.032 χ^2/NDF : 24.7/19

Out: -0.111 ± 0.032 χ^2/NDF : 22.5/23

All: -0.077 ± 0.023 χ^2/NDF : 49.4/43

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.120 ± 0.072 χ^2/NDF : 2.7/4

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

Left In: -0.002 ± 0.085 χ^2/NDF : 0.2/2

Left: -0.071 ± 0.055 χ^2/NDF : 4.0/7

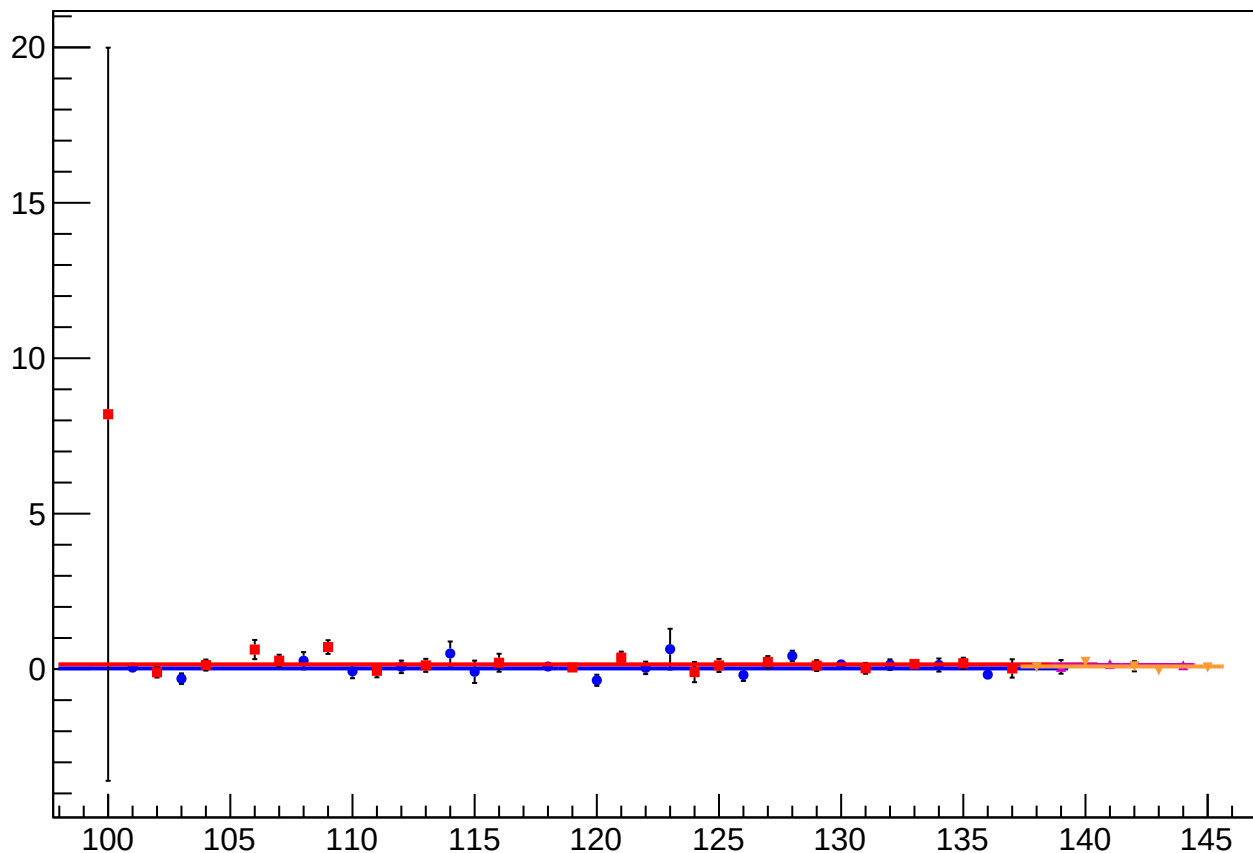
Right: -0.149 ± 0.049 χ^2/NDF : 39.0/35

In: -0.081 ± 0.053 χ^2/NDF : 25.3/19

Out: -0.146 ± 0.051 χ^2/NDF : 18.0/23

All: -0.115 ± 0.036 χ^2/NDF : 44.2/43

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Left Out: 0.084+/-0.065 χ^2/NDF : 2.2/4

Right Out: 0.152+/-0.045 χ^2/NDF : 16.2/18

Left In: 0.132+/-0.081 χ^2/NDF : 0.1/2

Left: 0.103+/-0.051 χ^2/NDF : 2.6/7

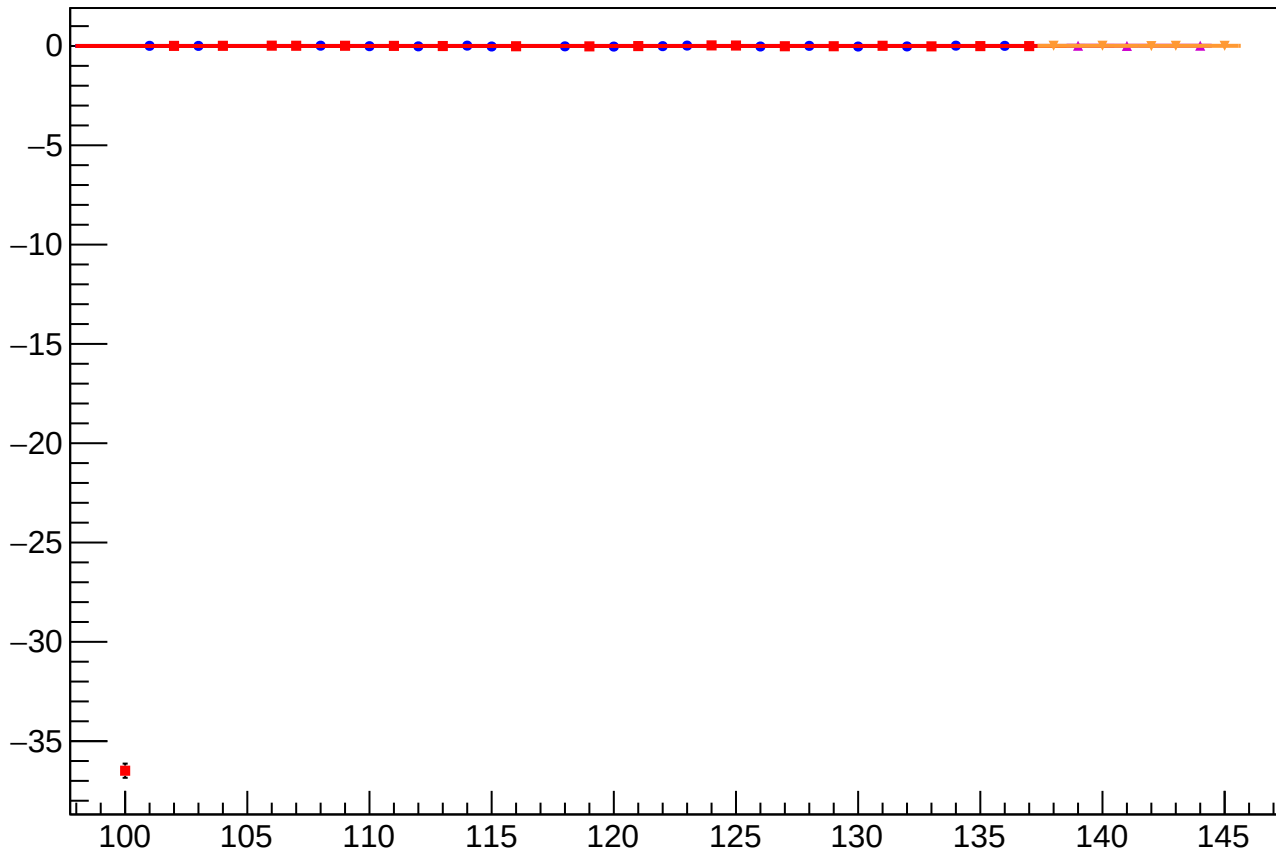
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.045+/-0.038 χ^2/NDF : 24.1/19

Out: 0.130+/-0.037 χ^2/NDF : 19.2/23

All: 0.087+/-0.026 χ^2/NDF : 45.9/43

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: 0.009 $\pm$ 0.003 χ^2 /NDF: 3.2/4

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

Left In: 0.011 $\pm$ 0.003 χ^2 /NDF: 2.0/2

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 5.5/7

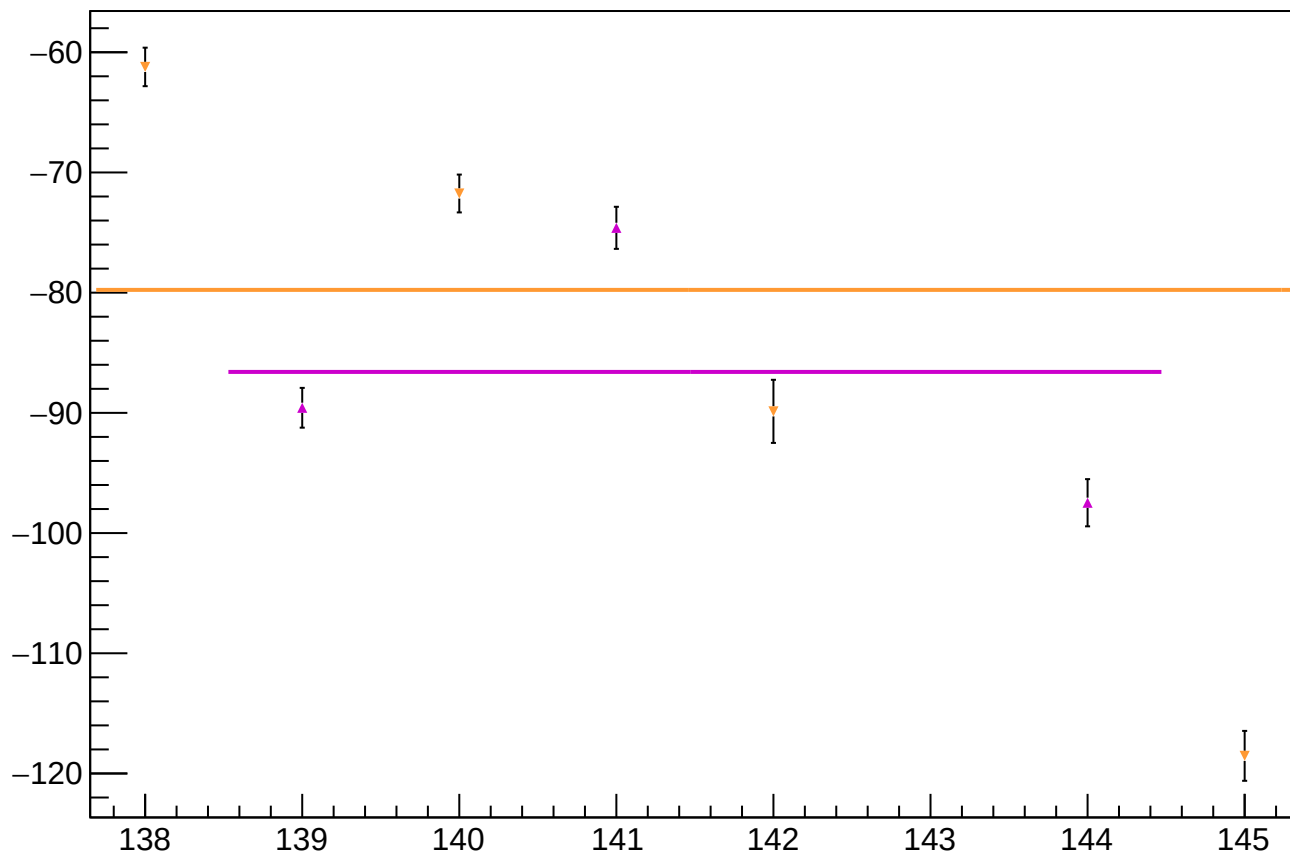
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.5/35

In: 0.004 $\pm$ 0.002 χ^2 /NDF: 40.6/19

Out: 0.004 $\pm$ 0.002 χ^2 /NDF: 10456.6/23

All: 0.004 $\pm$ 0.001 χ^2 /NDF: 10497.3/43

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -79.769+/-0.924 χ^2/NDF : 523.7/3

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

Left In: -86.593+/-1.026 χ^2/NDF : 80.9/2

Left: -82.828+/-0.687 χ^2/NDF : 629.0/6

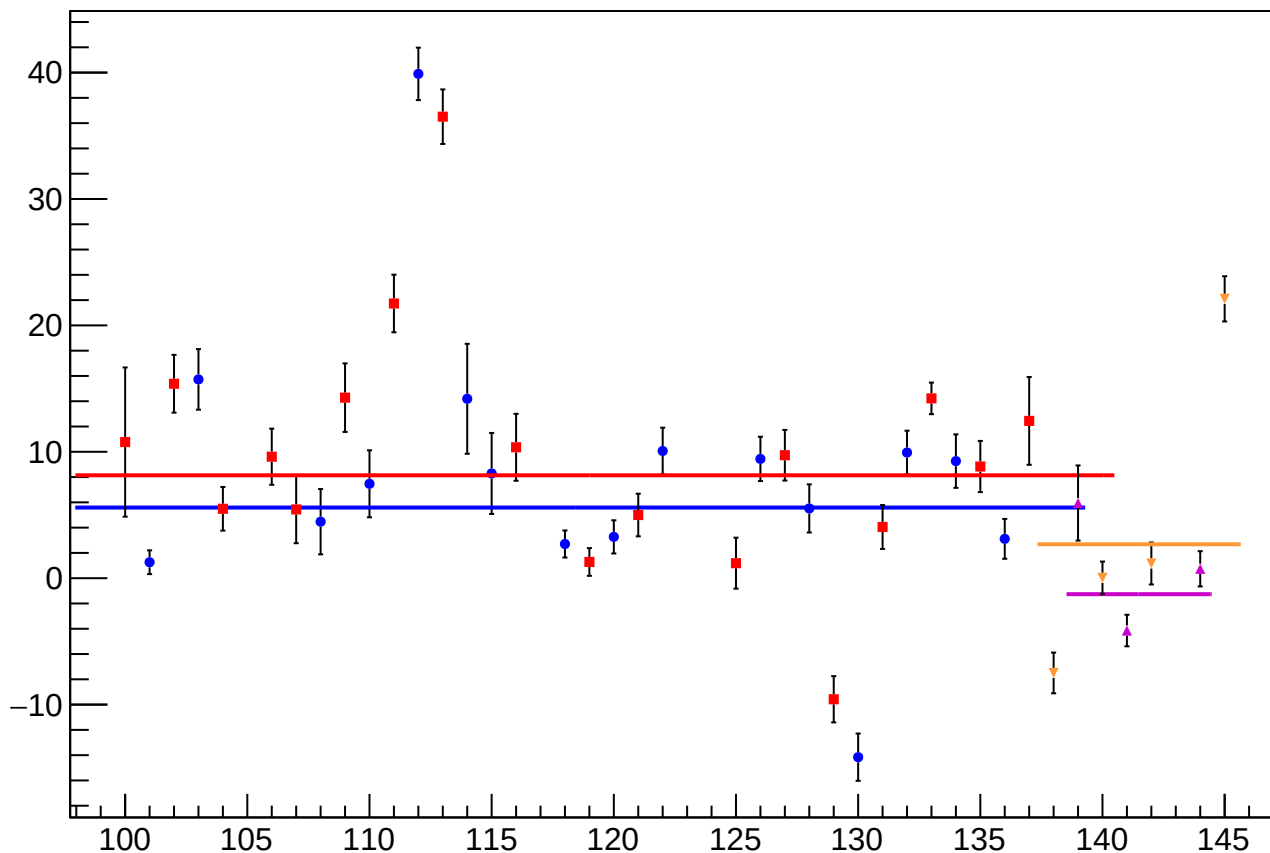
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.593+/-1.026 χ^2/NDF : 80.9/2

Out: -79.769+/-0.924 χ^2/NDF : 523.7/3

All: -82.828+/-0.687 χ^2/NDF : 629.0/6

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589 $\pm$ 0.424 χ^2 /NDF: 462.8/15

Left Out: 2.683 $\pm$ 0.776 χ^2 /NDF:162.9/3

Right Out: 8.142 $\pm$ 0.454 χ^2 /NDF: 407.7/17

Left In: -1.265 $\pm$ 0.888 χ^2 /NDF:13.3/2

Left: 0.975 $\pm$ 0.584 χ^2 /NDF: 187.4/6

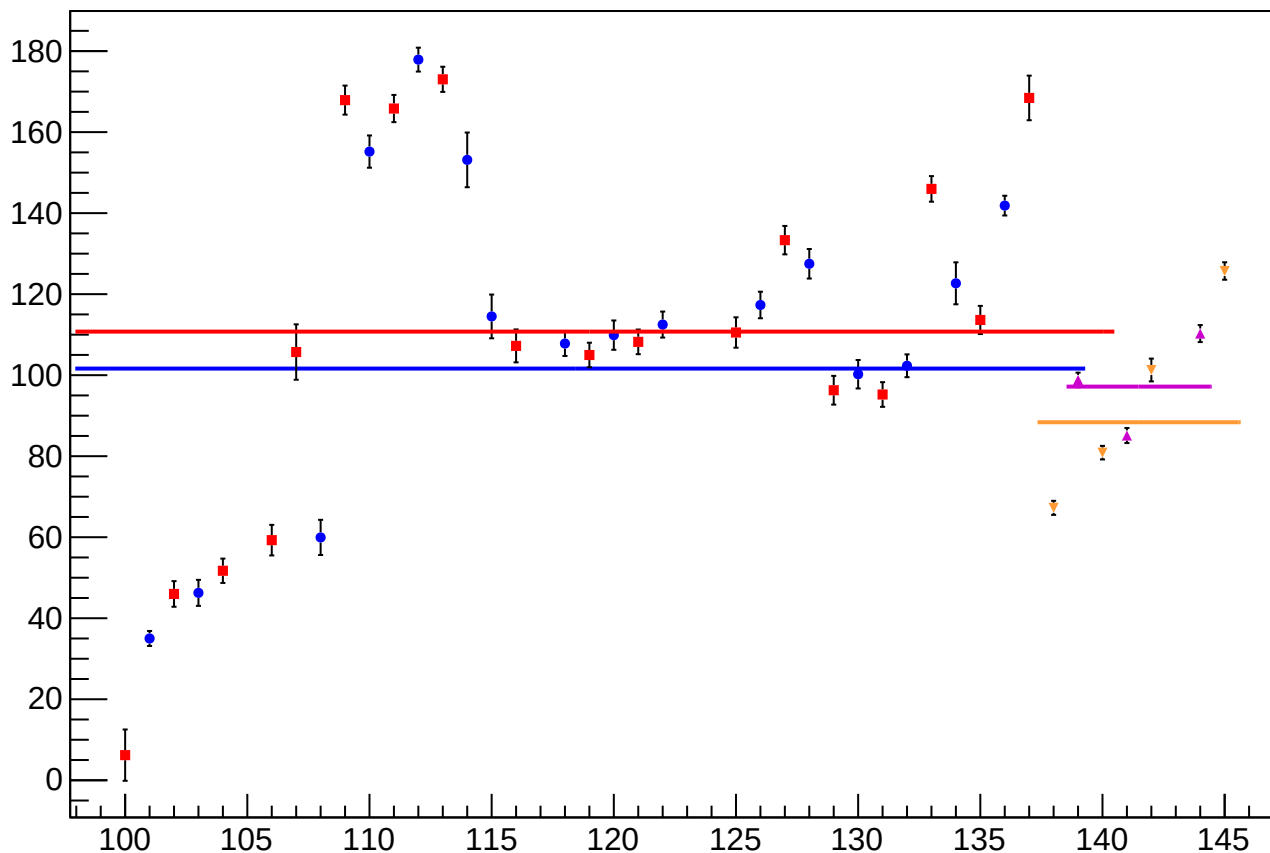
Right: 6.778 $\pm$ 0.310 χ^2 /NDF: 887.4/33

In: 4.319 $\pm$ 0.382 χ^2 /NDF:524.6/18

Out: 6.751 $\pm$ 0.392 χ^2 /NDF:607.5/21

All: 5.506 $\pm$ 0.274 χ^2 /NDF: 1151.8/40

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: 88.379 $\pm$ 0.985 χ^2 /NDF:489.5/3

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

Left In: 97.177 $\pm$ 1.100 χ^2 /NDF:81.8/2

Left: 92.296 $\pm$ 0.734 χ^2 /NDF: 606.8/6

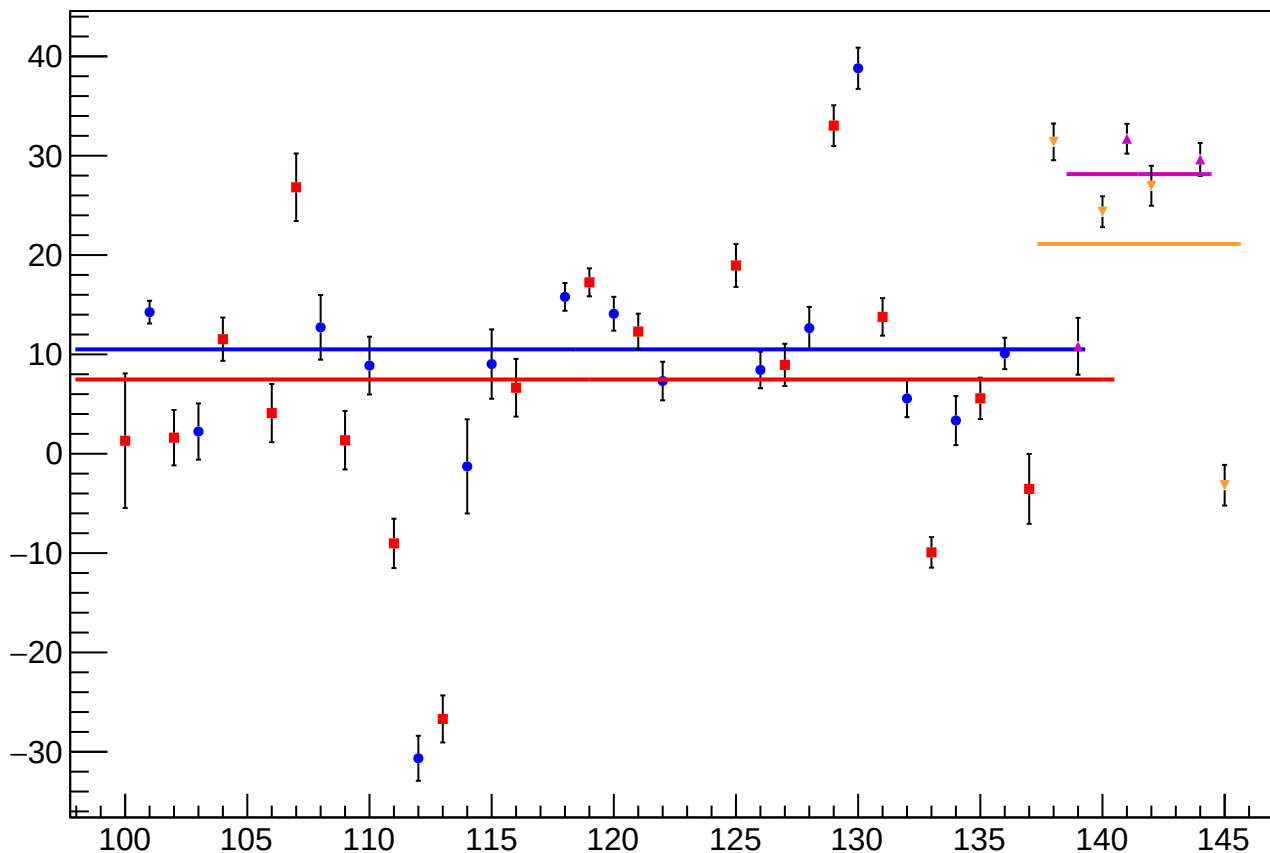
Right: 106.031 $\pm$ 0.581 χ^2 /NDF: 5553.5/33

In: 100.072 $\pm$ 0.651 χ^2 /NDF:3071.4/18

Out: 101.388 $\pm$ 0.638 χ^2 /NDF:3302.2/21

All: 100.744 $\pm$ 0.455 χ^2 /NDF: 6375.7/40

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 21.121 $\pm$ 0.916 χ^2 /NDF:184.7/3

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

Left In: 28.147 $\pm$ 1.037 χ^2 /NDF:43.1/2

Left: 24.198 $\pm$ 0.686 χ^2 /NDF: 253.6/6

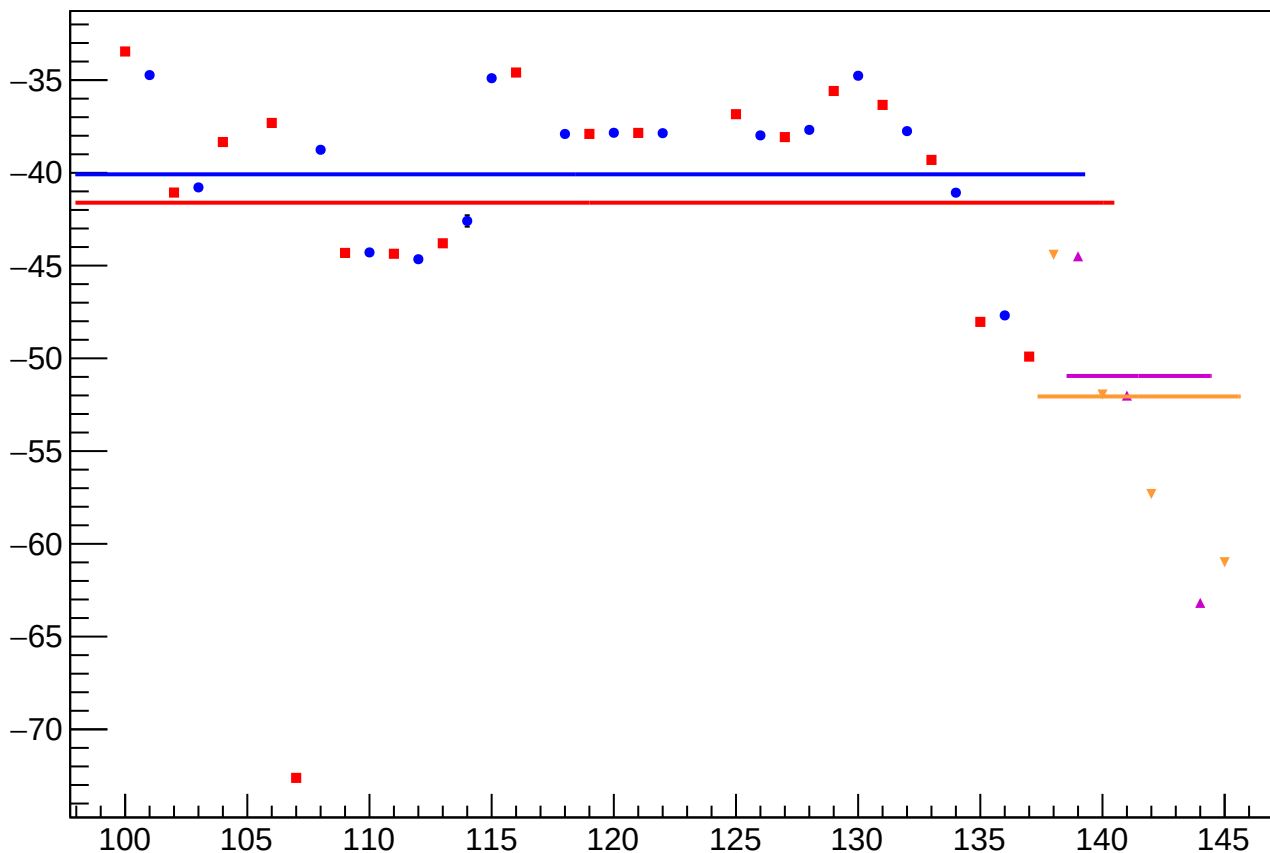
Right: 9.088 $\pm$ 0.359 χ^2 /NDF: 1288.6/33

In: 13.749 $\pm$ 0.445 χ^2 /NDF:860.7/18

Out: 10.844 $\pm$ 0.455 χ^2 /NDF:1041.3/21

All: 12.329 $\pm$ 0.318 χ^2 /NDF: 1922.9/40

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080+/-0.028 χ^2/NDF : 25123.9/15

Left Out: -52.055+/-0.040 χ^2/NDF : 25498.2/3

Right Out: -41.609+/-0.029 χ^2/NDF : 61784.6/17

Left In: -50.949+/-0.043 χ^2/NDF : 28360.8/2

Left: -51.534+/-0.029 χ^2/NDF : 54212.8/6

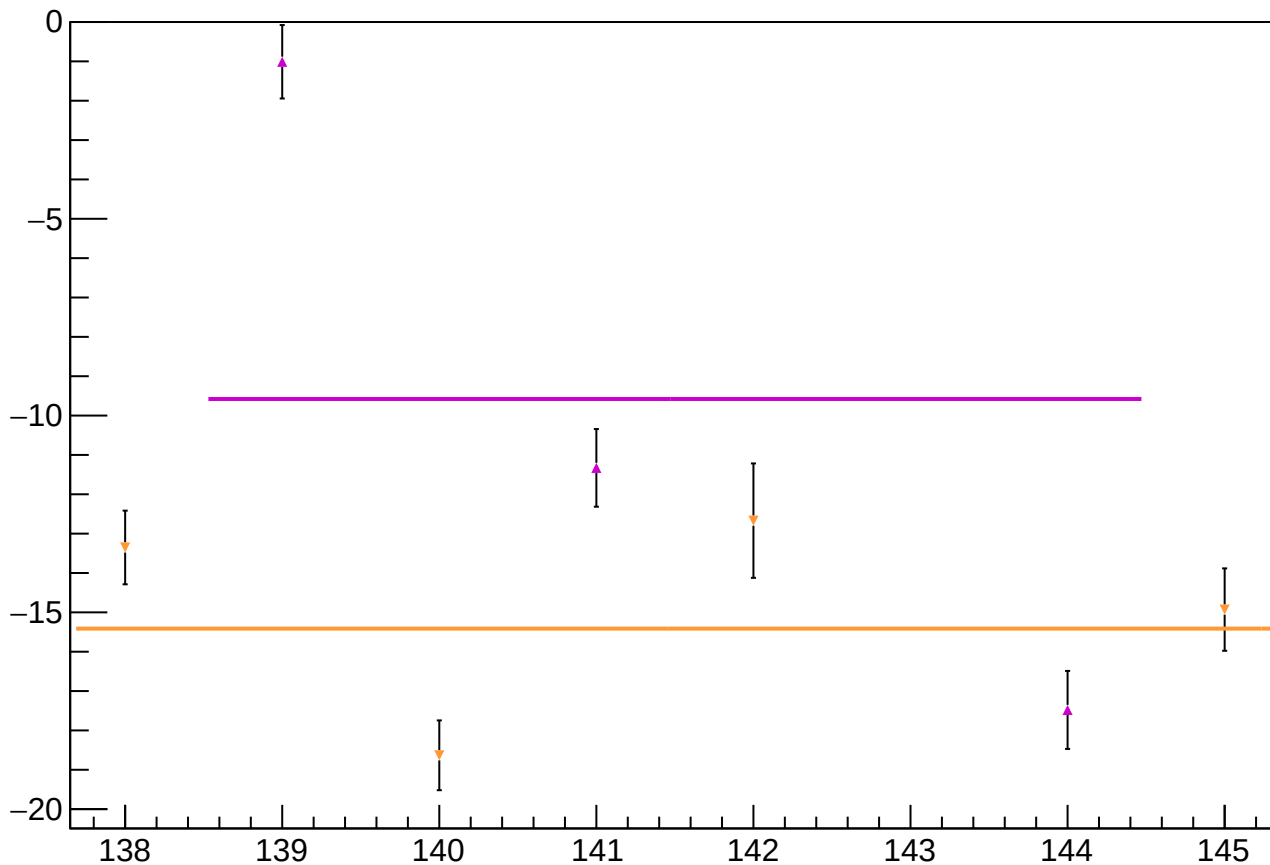
Right: -40.834+/-0.020 χ^2/NDF : 88360.5/33

In: -43.372+/-0.024 χ^2/NDF : 98494.2/18

Out: -45.097+/-0.023 χ^2/NDF : 131902.0/21

All: -44.243+/-0.017 χ^2/NDF : 233107.1/40

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -15.413+/-0.513 χ^2/NDF :21.8/3

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

Left In: -9.579+/-0.560 χ^2/NDF :151.0/2

Left: -12.749+/-0.378 χ^2/NDF : 231.9/6

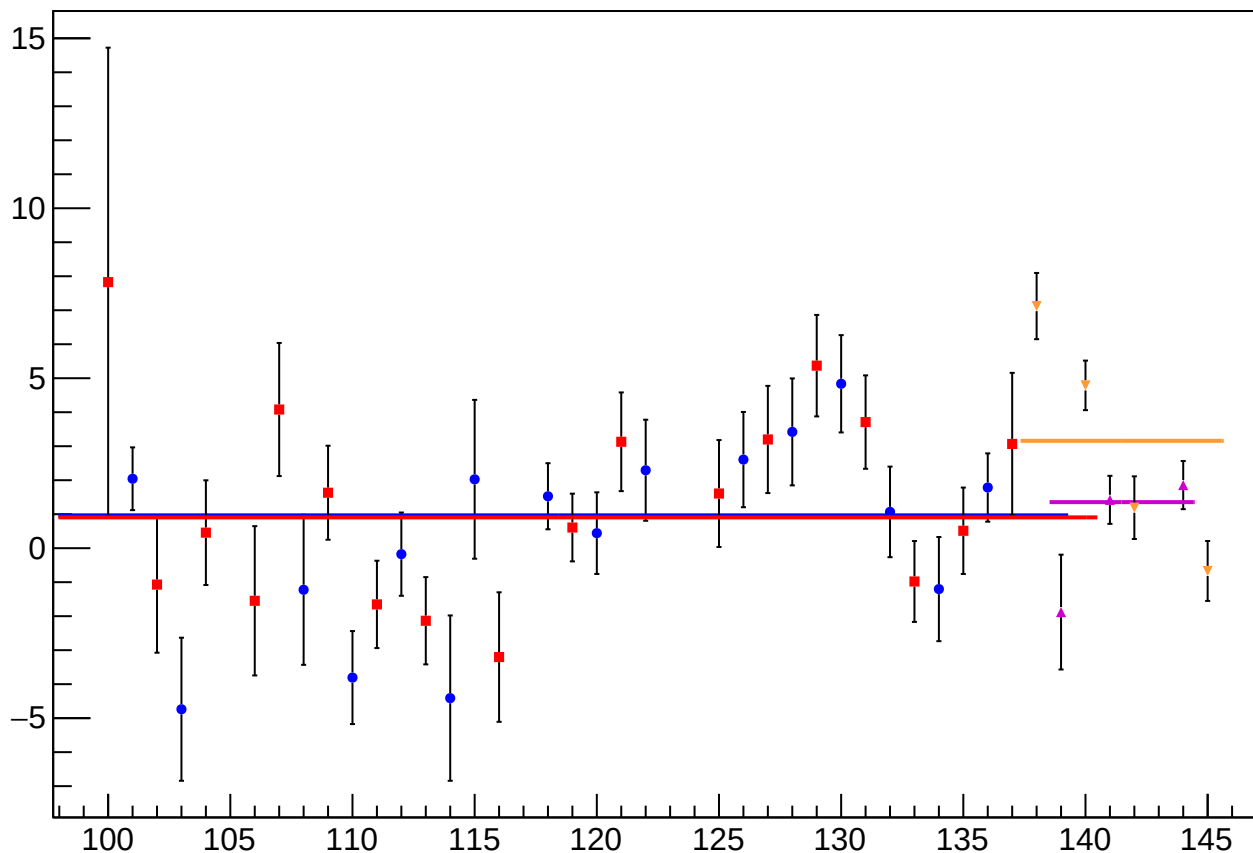
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.579+/-0.560 χ^2/NDF :151.0/2

Out: -15.413+/-0.513 χ^2/NDF :21.8/3

All: -12.749+/-0.378 χ^2/NDF : 231.9/6

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: 3.159 ± 0.430 $\chi^2/\text{NDF}: 45.0/3$

Right Out: 0.906 ± 0.354 $\chi^2/\text{NDF}: 42.0/17$

Left In: 1.355 ± 0.480 $\chi^2/\text{NDF}: 4.2/2$

Left: 2.354 ± 0.320 $\chi^2/\text{NDF}: 57.0/6$

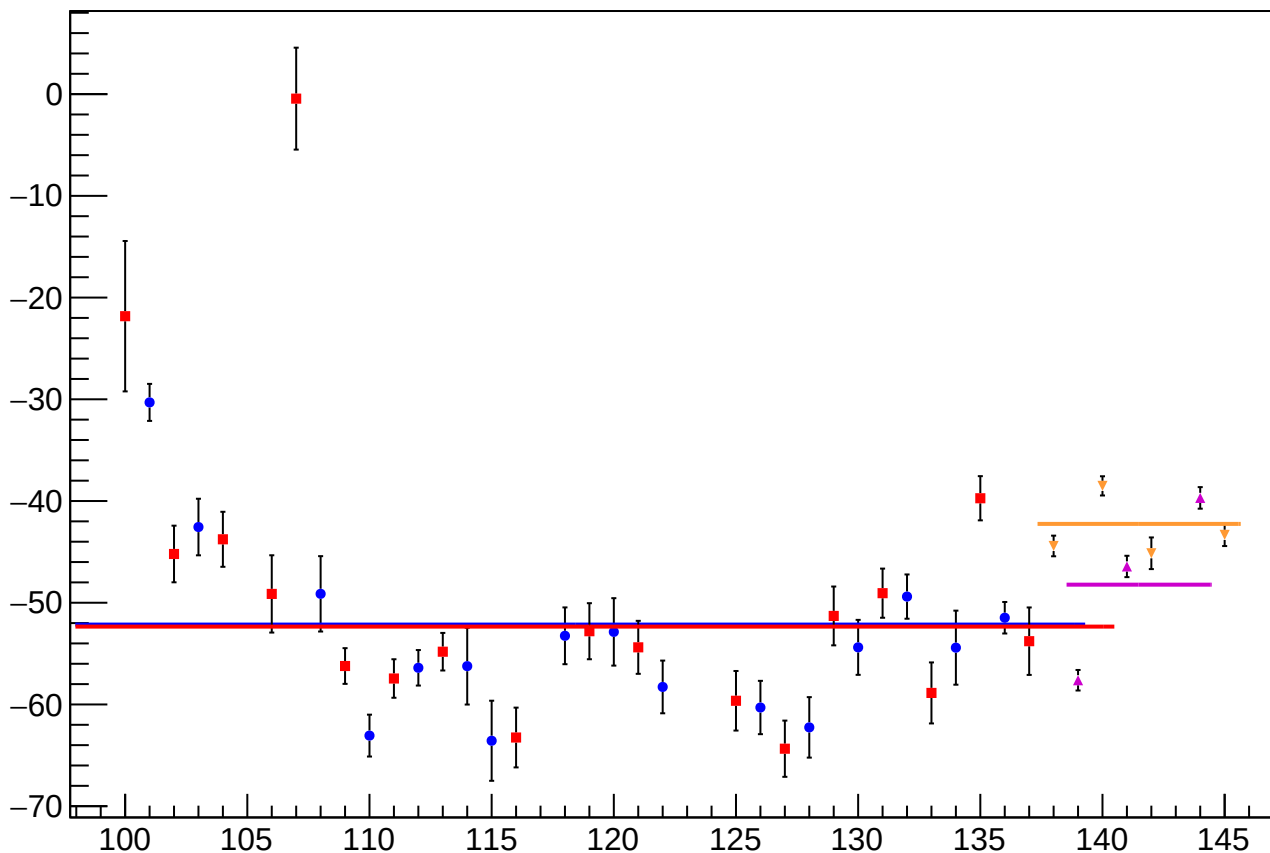
Right: 0.937 ± 0.244 $\chi^2/\text{NDF}: 84.9/33$

In: 1.095 ± 0.276 $\chi^2/\text{NDF}: 47.6/18$

Out: 1.815 ± 0.273 $\chi^2/\text{NDF}: 103.3/21$

All: 1.459 ± 0.194 $\chi^2/\text{NDF}: 154.3/40$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -42.250 ± 0.548 χ^2/NDF : 24.6/3

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

Left In: -48.223 ± 0.600 χ^2/NDF : 154.3/2

Left: -44.966 ± 0.404 χ^2/NDF : 233.0/6

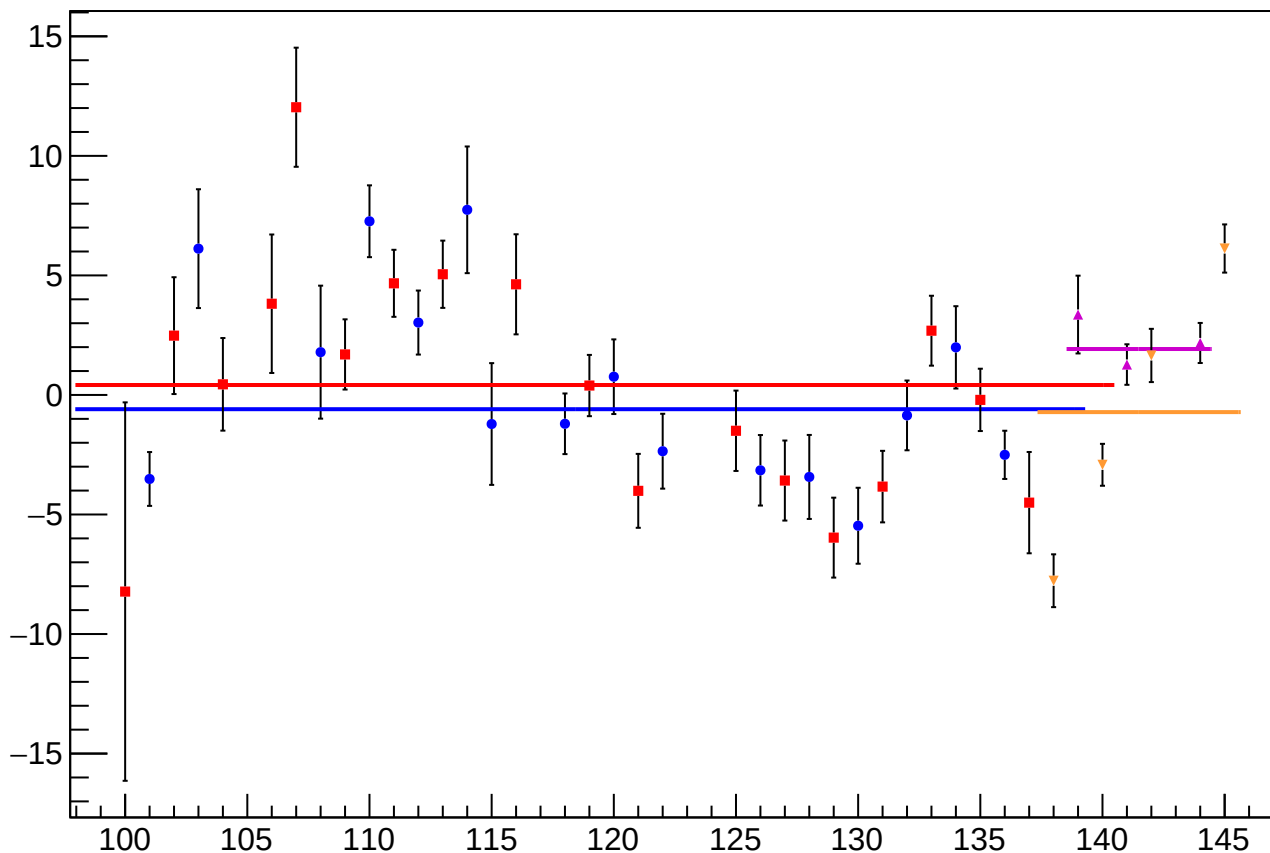
Right: -52.246 ± 0.434 χ^2/NDF : 466.0/33

In: -50.146 ± 0.428 χ^2/NDF : 405.5/18

Out: -46.709 ± 0.409 χ^2/NDF : 410.5/21

All: -48.350 ± 0.296 χ^2/NDF : 849.6/40

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.384 $\chi^2/\text{NDF}: 82.6/15$

Left Out: -0.717 ± 0.506 $\chi^2/\text{NDF}: 97.7/3$

Right Out: 0.416 ± 0.400 $\chi^2/\text{NDF}: 95.8/17$

Left In: 1.921 ± 0.560 $\chi^2/\text{NDF}: 1.5/2$

Left: 0.468 ± 0.375 $\chi^2/\text{NDF}: 111.4/6$

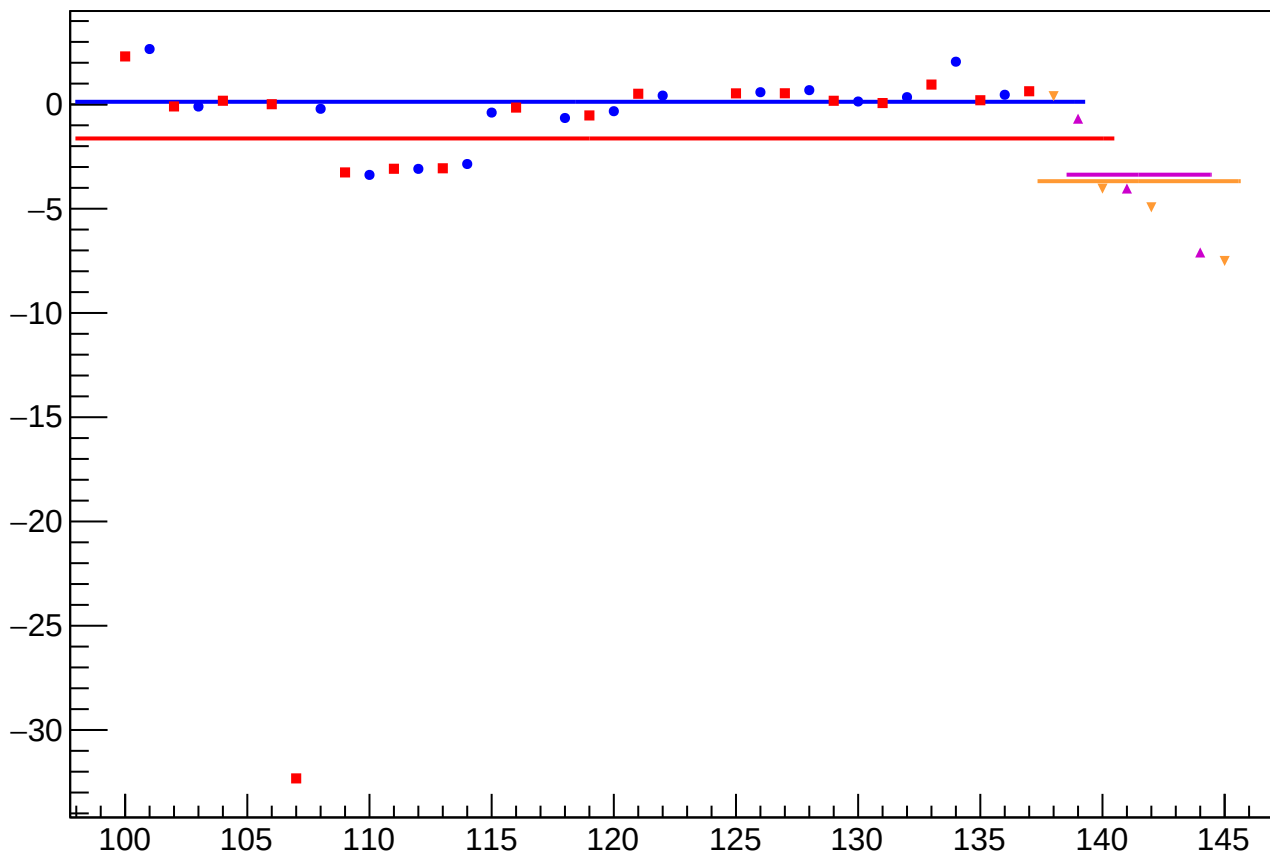
Right: -0.111 ± 0.277 $\chi^2/\text{NDF}: 181.7/33$

In: 0.209 ± 0.317 $\chi^2/\text{NDF}: 97.8/18$

Out: -0.020 ± 0.314 $\chi^2/\text{NDF}: 196.6/21$

All: 0.094 ± 0.223 $\chi^2/\text{NDF}: 294.6/40$

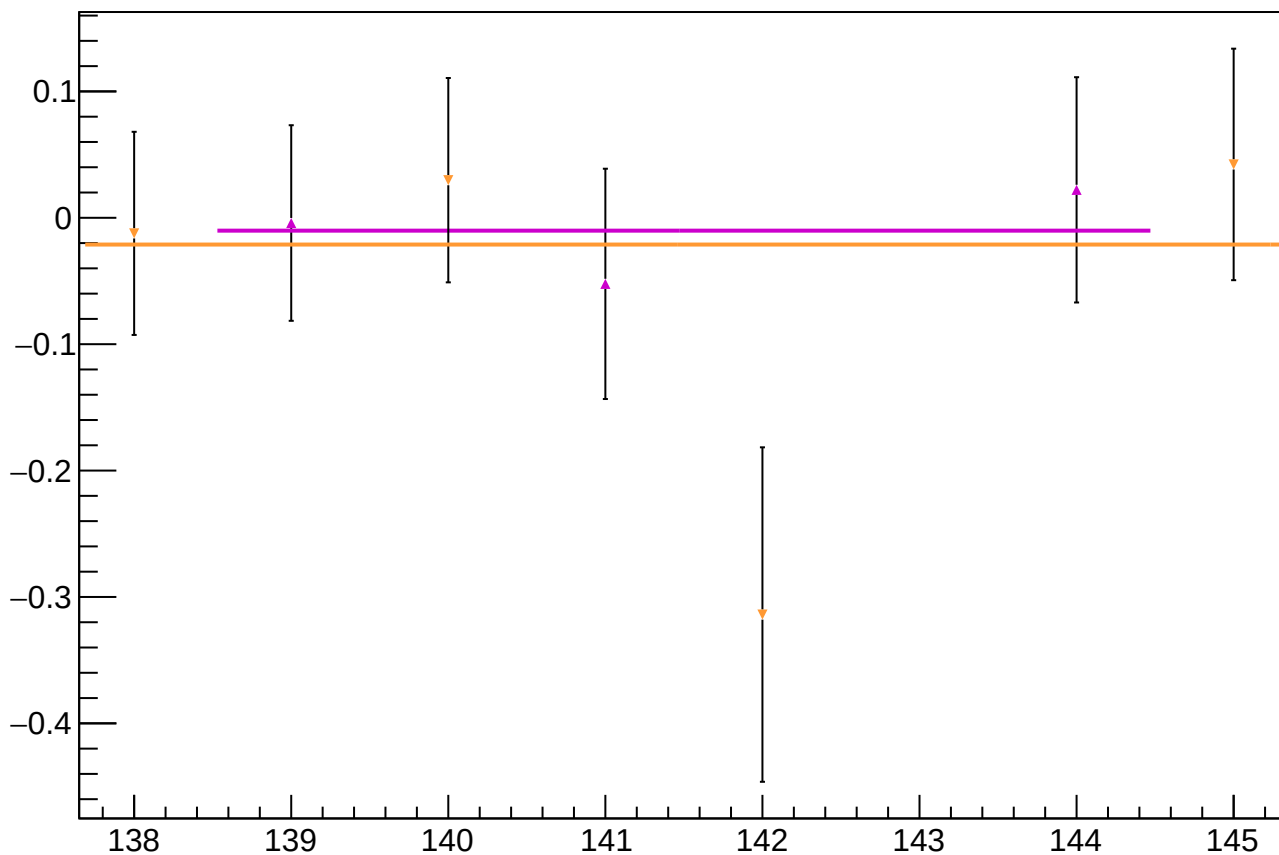
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$
 Left Out: -3.680 ± 0.022 $\chi^2/\text{NDF}: 18862.4/3$
 Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$
 Left In: -3.368 ± 0.023 $\chi^2/\text{NDF}: 12395.6/2$

Left: -3.532 ± 0.016 $\chi^2/\text{NDF}: 31350.8/6$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86433.1/33$
 In: -1.465 ± 0.016 $\chi^2/\text{NDF}: 29700.9/18$
 Out: -2.635 ± 0.016 $\chi^2/\text{NDF}: 101067.9/21$
 All: -2.061 ± 0.011 $\chi^2/\text{NDF}: 133541.6/40$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.021+/-0.045 χ^2/NDF : 5.8/3

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

Left In: -0.010+/-0.049 χ^2/NDF : 0.4/2

Left: -0.016+/-0.033 χ^2/NDF : 6.2/6

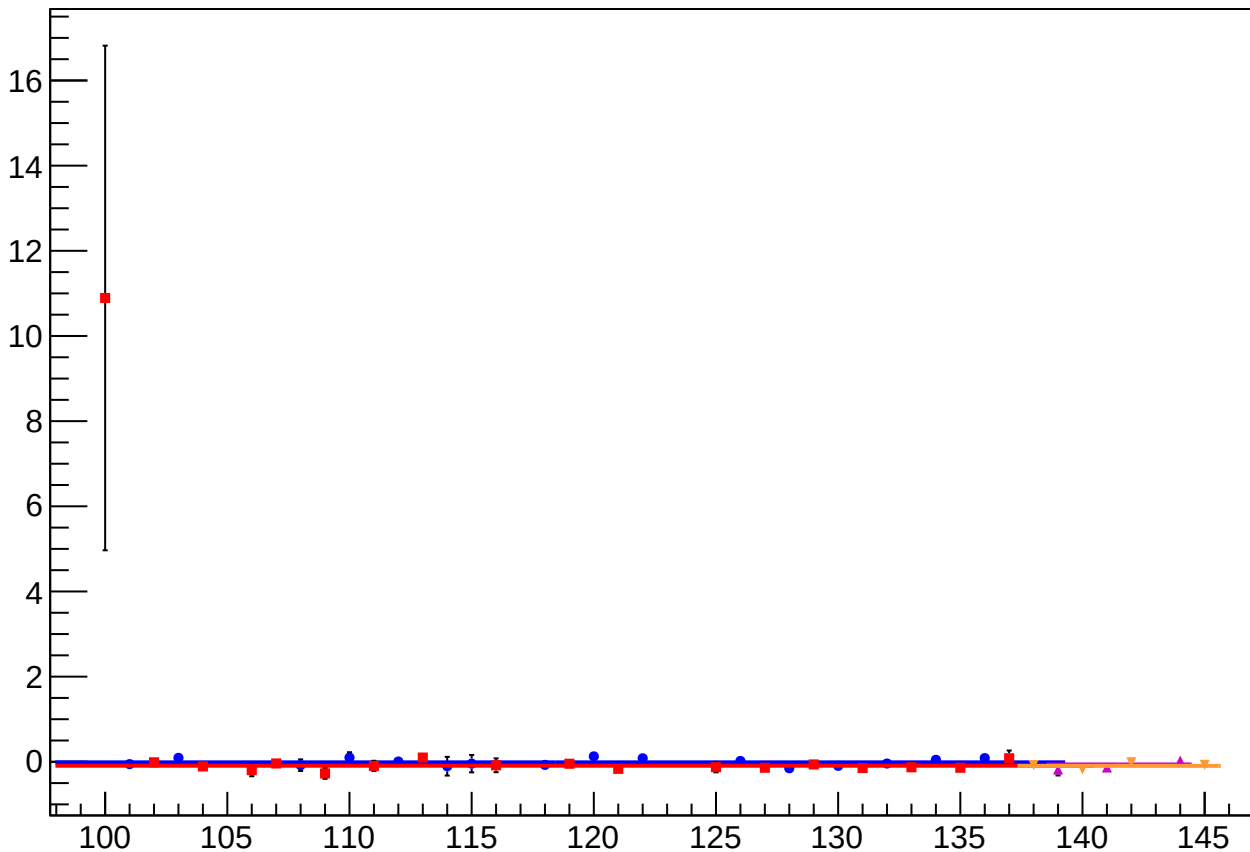
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.010+/-0.049 χ^2/NDF : 0.4/2

Out: -0.021+/-0.045 χ^2/NDF : 5.8/3

All: -0.016+/-0.033 χ^2/NDF : 6.2/6

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.095 ± 0.039 χ^2/NDF : 2.6/3

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

Left In: -0.063 ± 0.043 χ^2/NDF : 4.0/2

Left: -0.081 ± 0.029 χ^2/NDF : 6.9/6

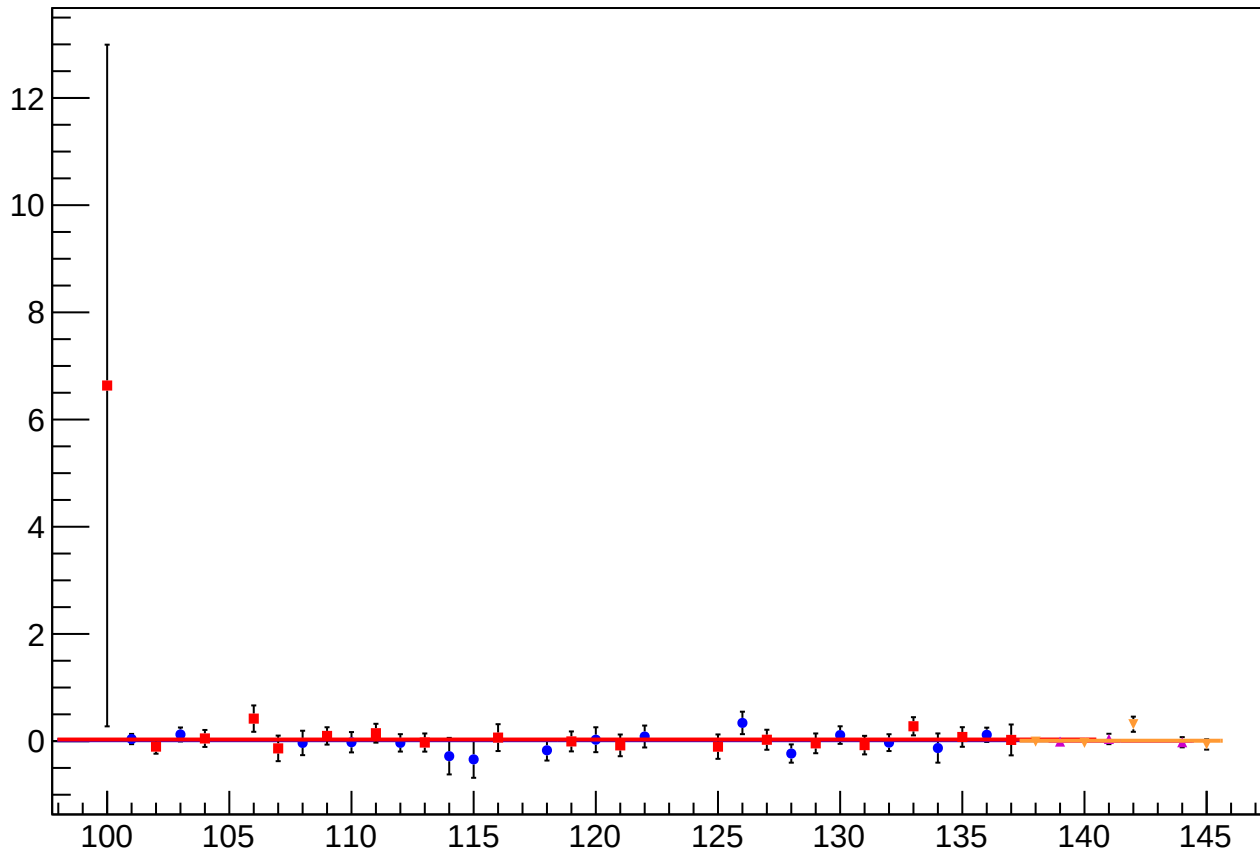
Right: -0.050 ± 0.017 χ^2/NDF : 30.3/33

In: -0.024 ± 0.021 χ^2/NDF : 17.2/18

Out: -0.093 ± 0.021 χ^2/NDF : 15.3/21

All: -0.058 ± 0.015 χ^2/NDF : 38.1/40

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF : 9.6/15

Left Out: 0.008+/-0.049 χ^2/NDF : 5.5/3

Right Out: 0.030+/-0.045 χ^2/NDF : 9.2/17

Left In: 0.002+/-0.053 χ^2/NDF : 0.2/2

Left: 0.005+/-0.036 χ^2/NDF : 5.7/6

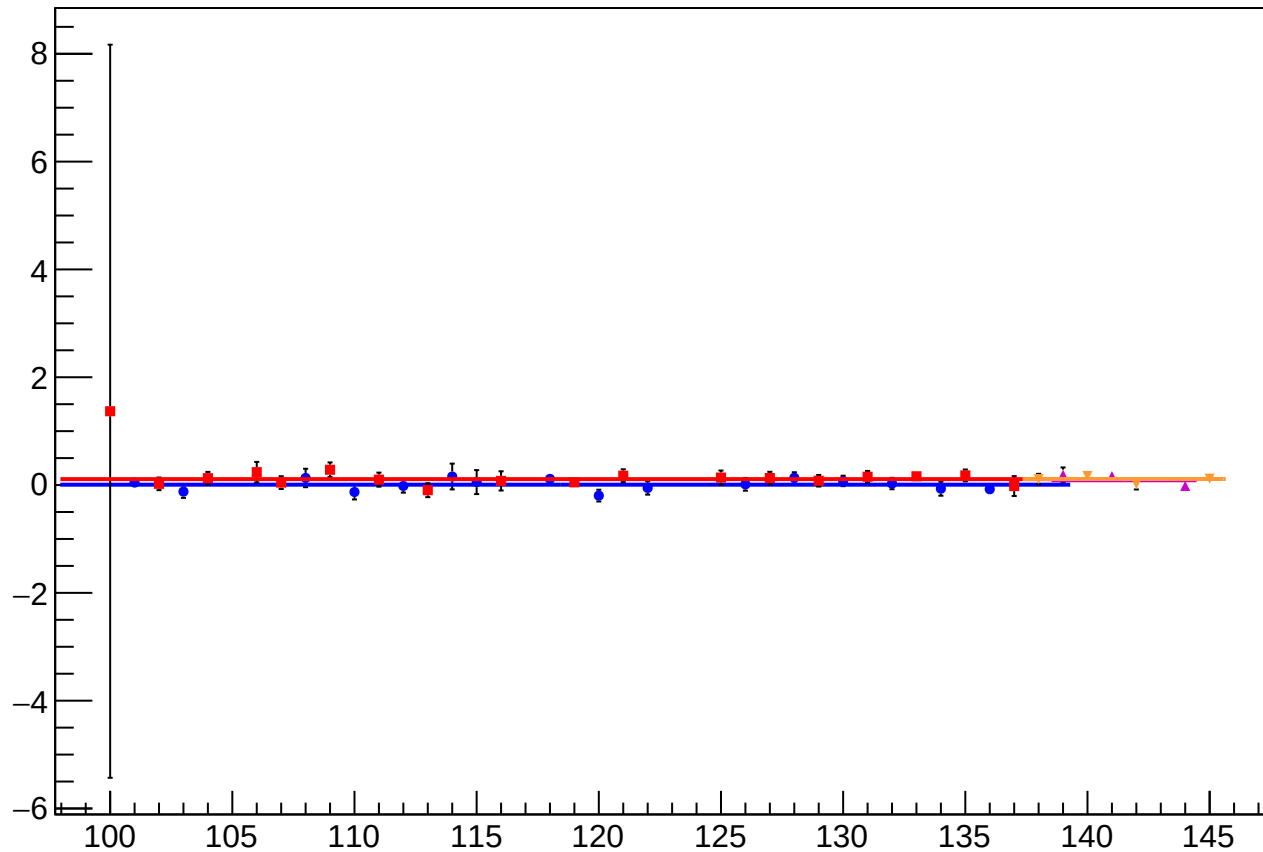
Right: 0.023+/-0.031 χ^2/NDF : 18.9/33

In: 0.011+/-0.033 χ^2/NDF : 9.9/18

Out: 0.020+/-0.033 χ^2/NDF : 14.8/21

All: 0.016+/-0.023 χ^2/NDF : 24.8/40

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.112 $\pm$ 0.045 χ^2 /NDF:1.3/3

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

Left In: 0.088 $\pm$ 0.050 χ^2 /NDF:3.5/2

Left: 0.102 $\pm$ 0.034 χ^2 /NDF: 4.9/6

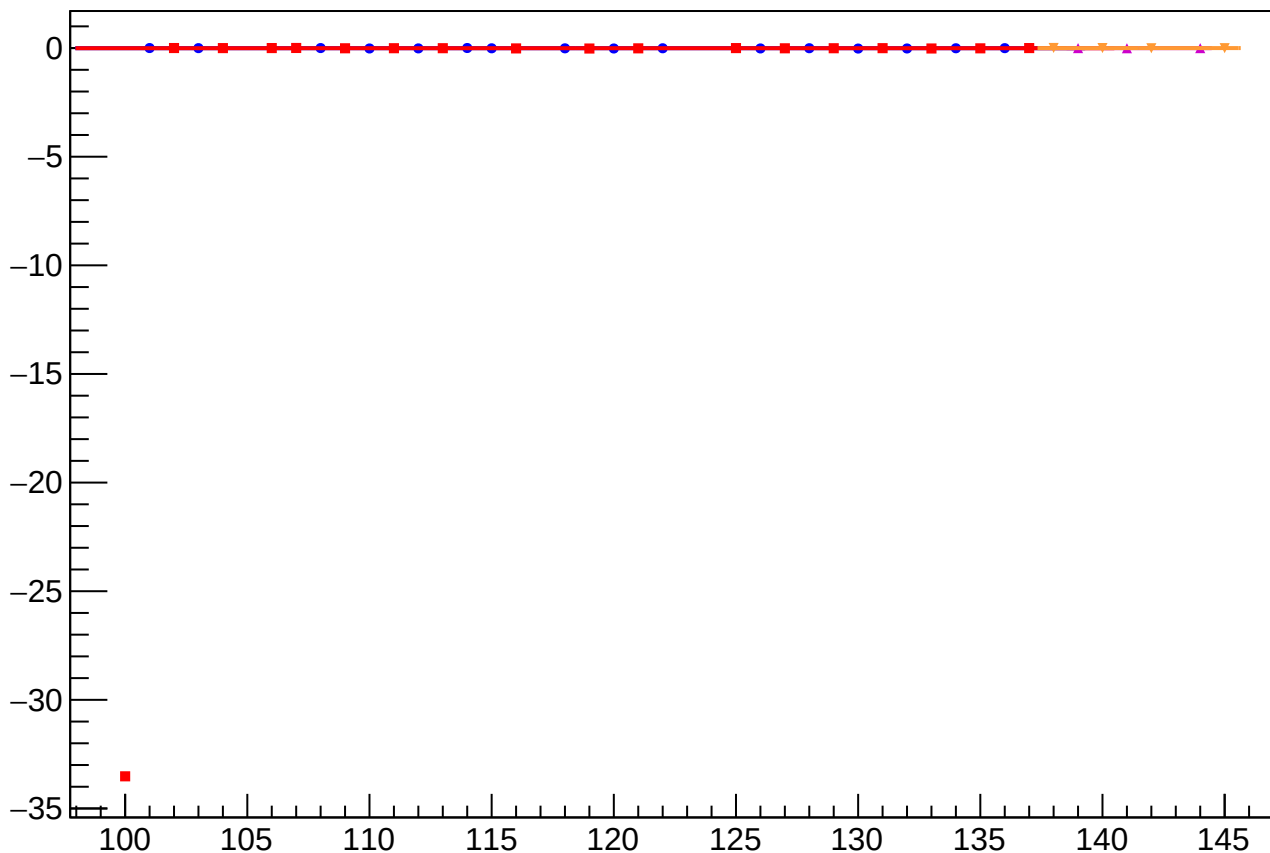
Right: 0.055 $\pm$ 0.020 χ^2 /NDF: 27.0/33

In: 0.025 $\pm$ 0.024 χ^2 /NDF:17.6/18

Out: 0.111 $\pm$ 0.024 χ^2 /NDF:9.3/21

All: 0.067 $\pm$ 0.017 χ^2 /NDF: 33.3/40

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: -0.000 $\pm$ 0.002 χ^2 /NDF:5.7/3

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.003 $\pm$ 0.002 χ^2 /NDF:1.7/2

Left: -0.002 $\pm$ 0.001 χ^2 /NDF: 8.3/6

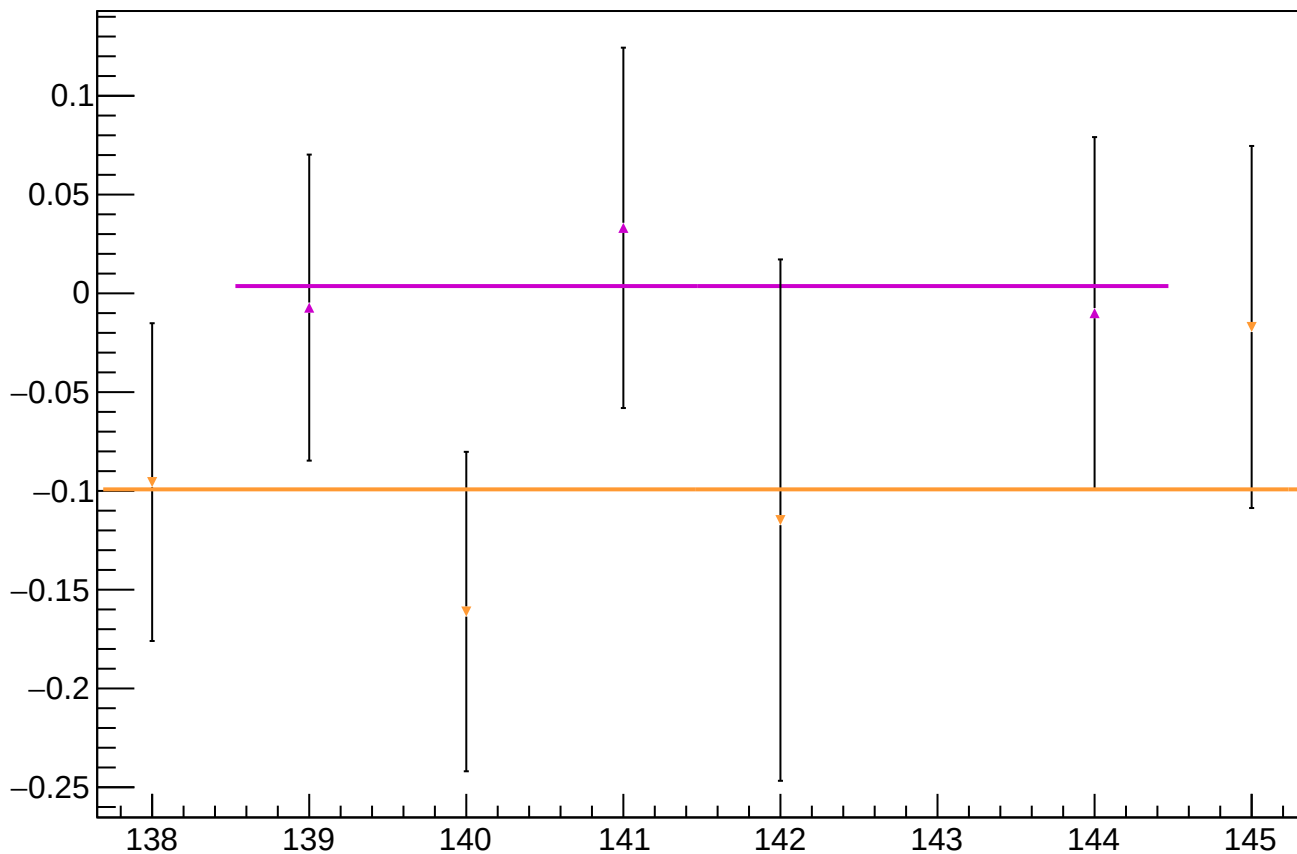
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.6/33

In: -0.005 $\pm$ 0.001 χ^2 /NDF:25.2/18

Out: -0.004 $\pm$ 0.001 χ^2 /NDF:26520.0/21

All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26545.4/40

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: -0.099 $\pm$ 0.045 χ^2 /NDF:1.4/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.004 $\pm$ 0.049 χ^2 /NDF:0.1/2

Left: -0.052 $\pm$ 0.033 χ^2 /NDF: 3.9/6

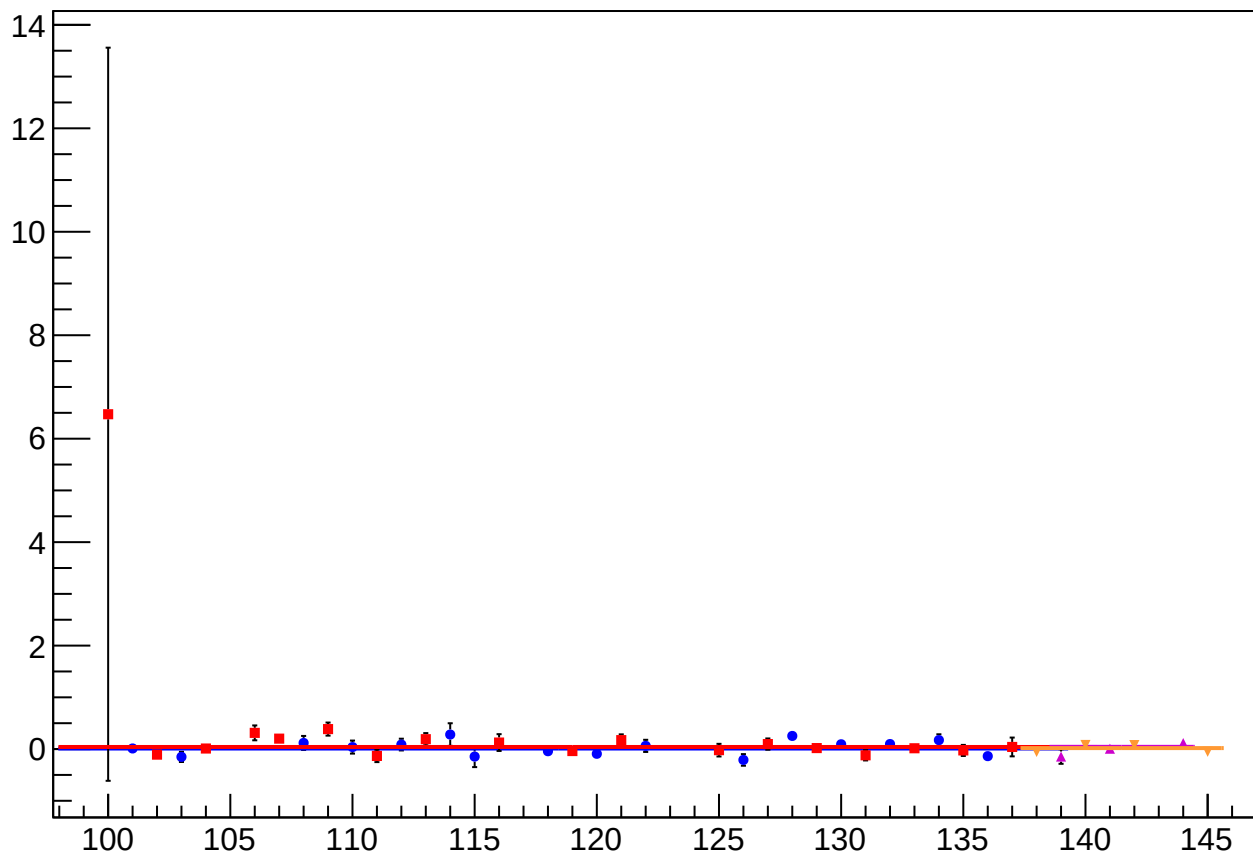
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.004 $\pm$ 0.049 χ^2 /NDF:0.1/2

Out: -0.099 $\pm$ 0.045 χ^2 /NDF:1.4/3

All: -0.052 $\pm$ 0.033 χ^2 /NDF: 3.9/6

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: 0.019 $\pm$ 0.039 χ^2 /NDF:2.9/3

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 27.9/17

Left In: 0.043 $\pm$ 0.043 χ^2 /NDF:3.4/2

Left: 0.029 $\pm$ 0.029 χ^2 /NDF: 6.5/6

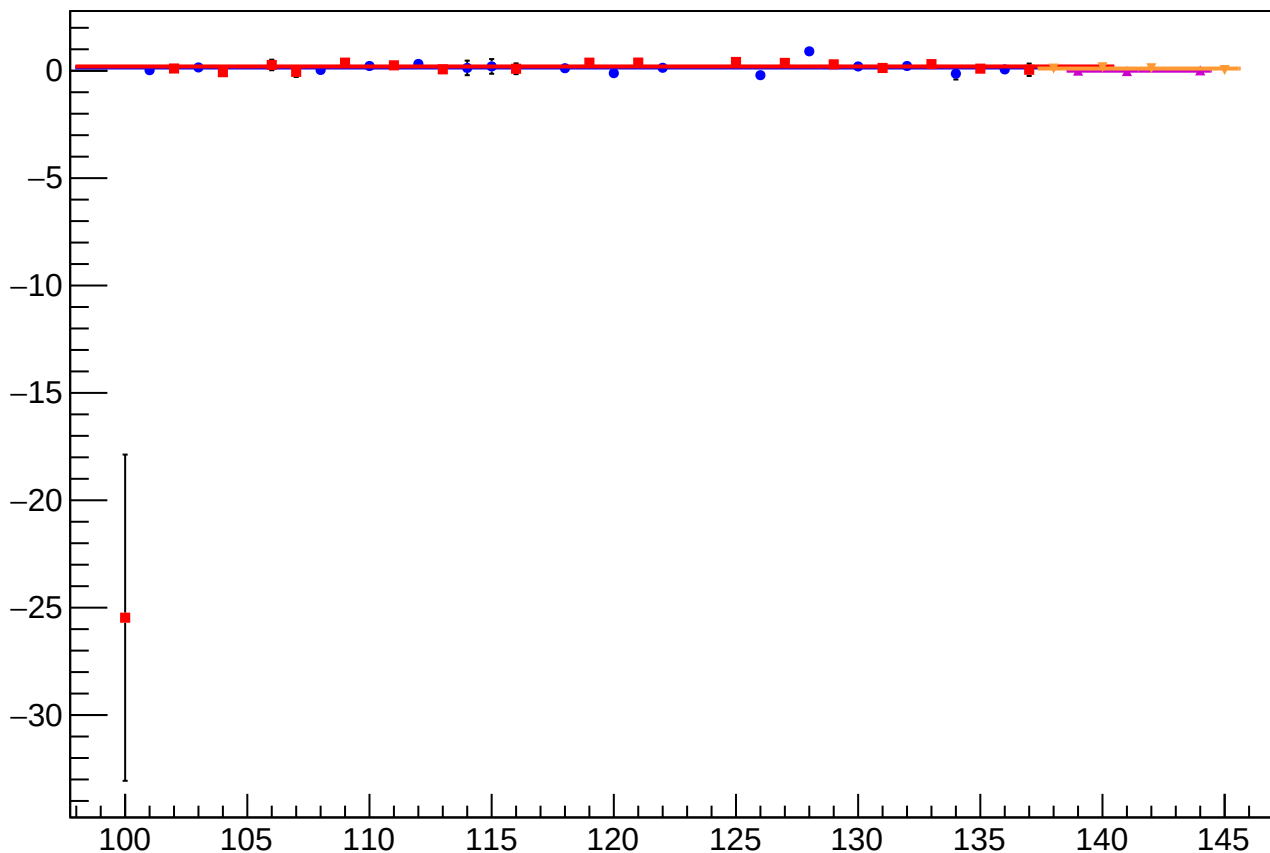
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 54.1/33

In: 0.018 $\pm$ 0.020 χ^2 /NDF:29.3/18

Out: 0.034 $\pm$ 0.021 χ^2 /NDF:31.1/21

All: 0.026 $\pm$ 0.015 χ^2 /NDF: 60.6/40

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: 0.104 $\pm$ 0.049 χ^2 /NDF:1.0/3

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

Left In: 0.003 $\pm$ 0.053 χ^2 /NDF:0.1/2

Left: 0.058 $\pm$ 0.036 χ^2 /NDF: 3.1/6

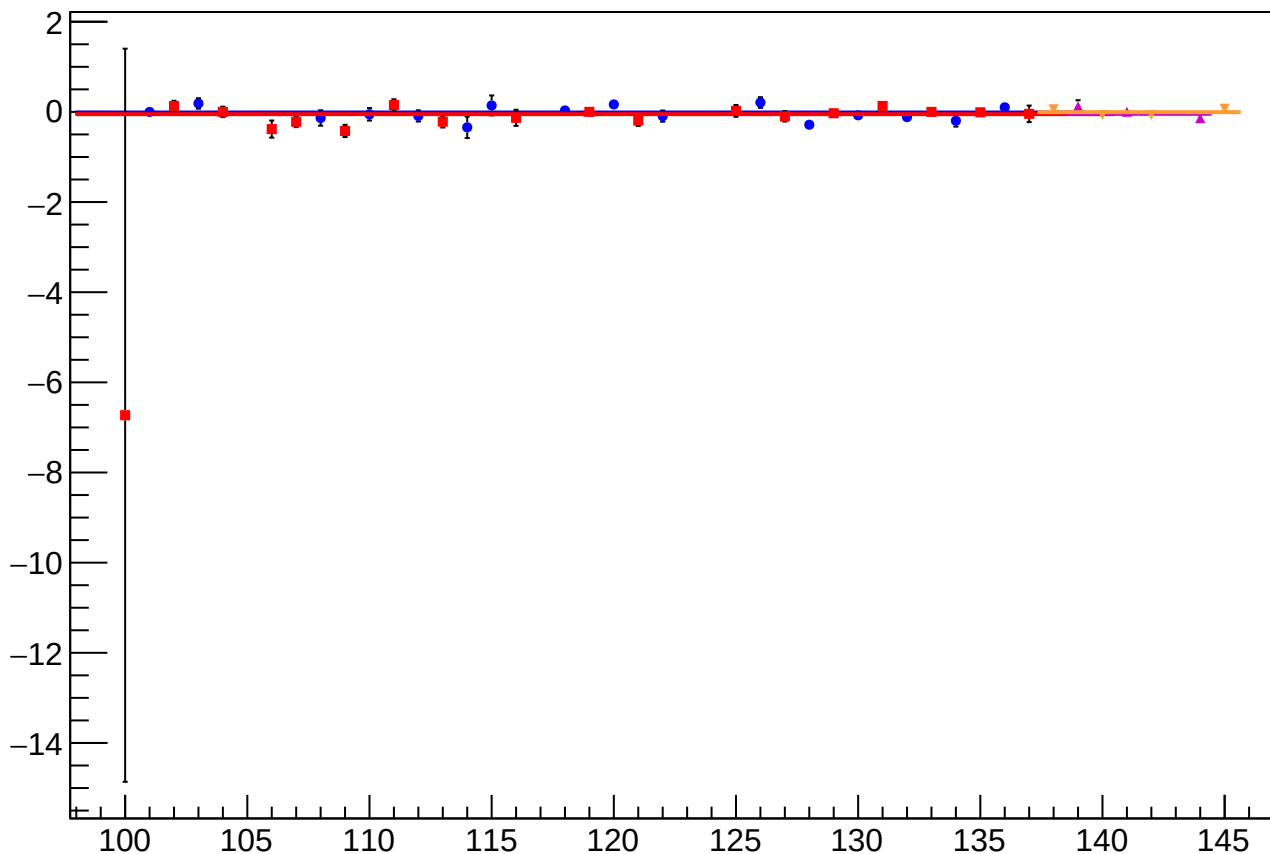
Right: 0.175 $\pm$ 0.031 χ^2 /NDF: 52.2/33

In: 0.093 $\pm$ 0.033 χ^2 /NDF:33.6/18

Out: 0.156 $\pm$ 0.033 χ^2 /NDF:26.0/21

All: 0.125 $\pm$ 0.023 χ^2 /NDF: 61.4/40

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.027 χ^2 /NDF: 25.2/15

Left Out: -0.006 $\pm$ 0.045 χ^2 /NDF: 2.1/3

Right Out: -0.050 $\pm$ 0.029 χ^2 /NDF: 25.7/17

Left In: -0.043 $\pm$ 0.050 χ^2 /NDF: 3.5/2

Left: -0.022 $\pm$ 0.034 χ^2 /NDF: 5.9/6

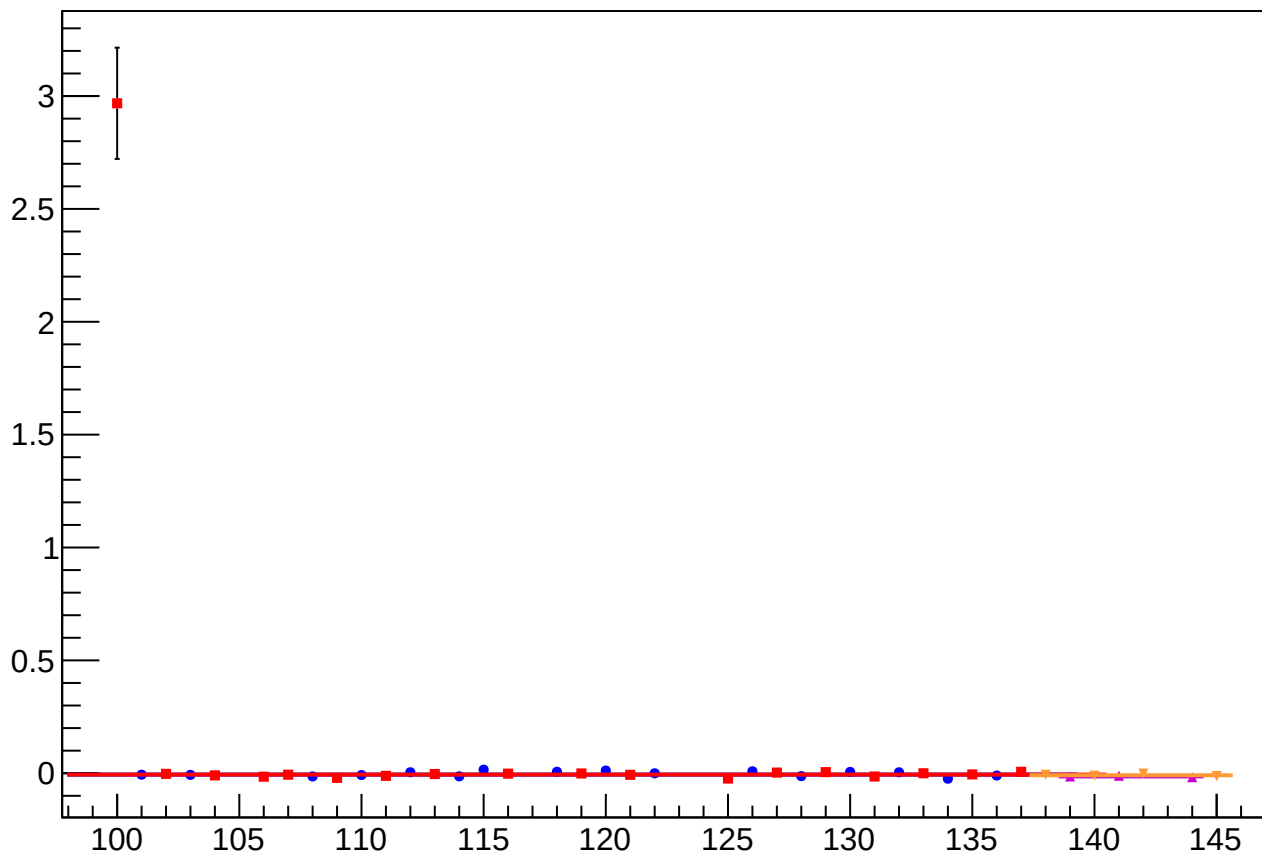
Right: -0.031 $\pm$ 0.020 χ^2 /NDF: 51.8/33

In: -0.020 $\pm$ 0.024 χ^2 /NDF: 28.9/18

Out: -0.037 $\pm$ 0.024 χ^2 /NDF: 28.6/21

All: -0.028 $\pm$ 0.017 χ^2 /NDF: 57.7/40

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.009 ± 0.002 χ^2/NDF : 3.3/3

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

Left In: -0.014 ± 0.002 χ^2/NDF : 1.4/2

Left: -0.011 ± 0.001 χ^2/NDF : 8.2/6

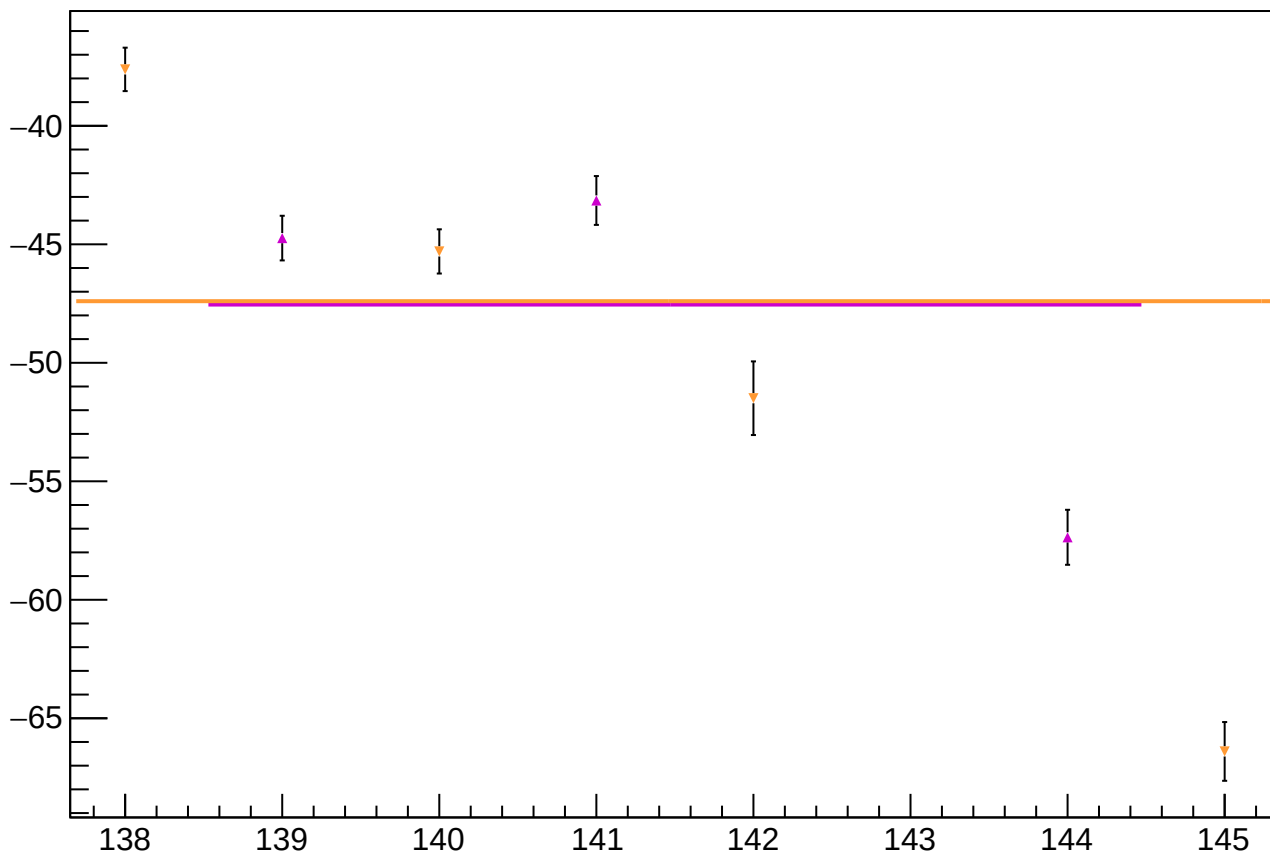
Right: -0.006 ± 0.001 χ^2/NDF : 194.8/33

In: -0.009 ± 0.001 χ^2/NDF : 40.9/18

Out: -0.007 ± 0.001 χ^2/NDF : 170.6/21

All: -0.008 ± 0.001 χ^2/NDF : 212.5/40

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -47.400+/-0.542 χ^2/NDF :360.9/3

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

Left In: -47.542+/-0.596 χ^2/NDF :98.7/2

Left: -47.464+/-0.401 χ^2/NDF : 459.6/6

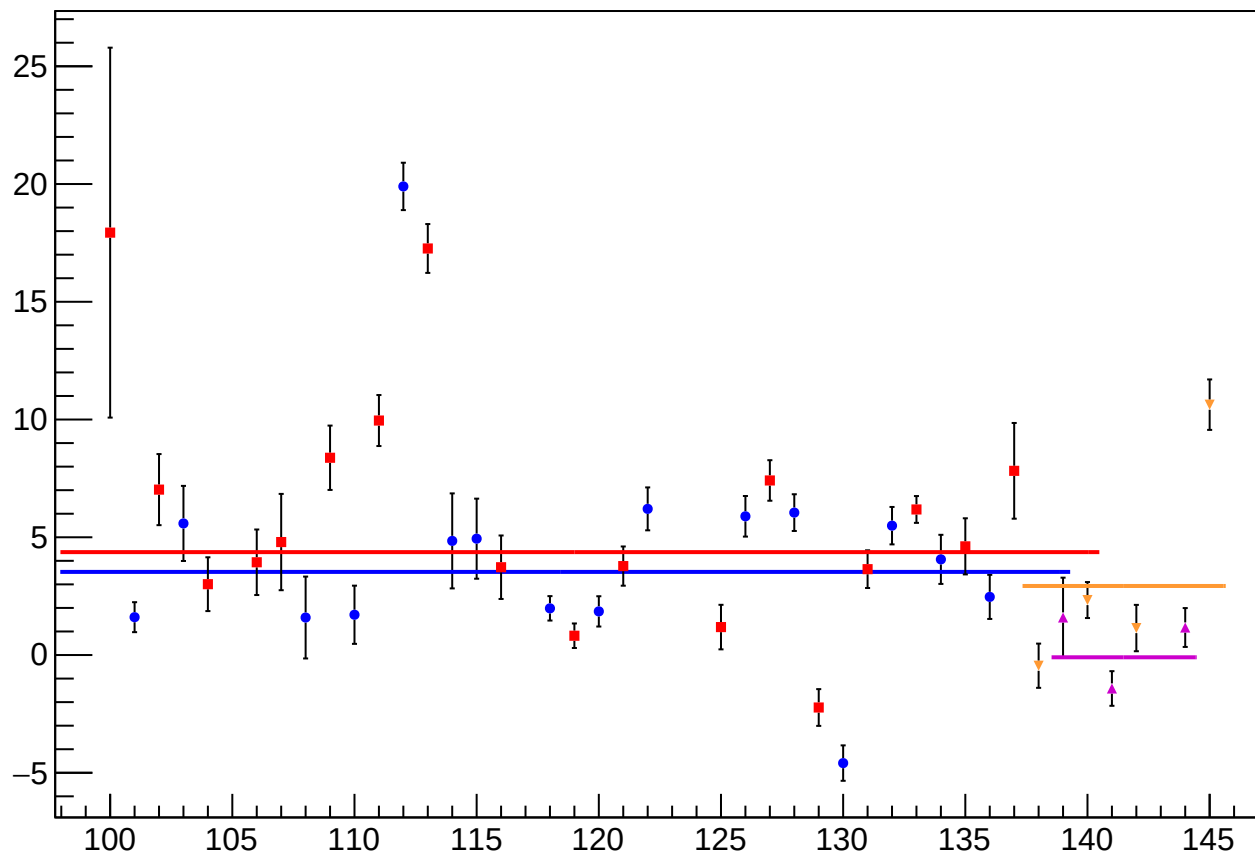
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.542+/-0.596 χ^2/NDF :98.7/2

Out: -47.400+/-0.542 χ^2/NDF :360.9/3

All: -47.464+/-0.401 χ^2/NDF : 459.6/6

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: 2.932 $\pm$ 0.459 χ^2 /NDF:68.5/3

Right Out: 4.370 $\pm$ 0.225 χ^2 /NDF: 353.8/17

Left In: -0.096 $\pm$ 0.522 χ^2 /NDF:6.6/2

Left: 1.613 $\pm$ 0.345 χ^2 /NDF: 94.1/6

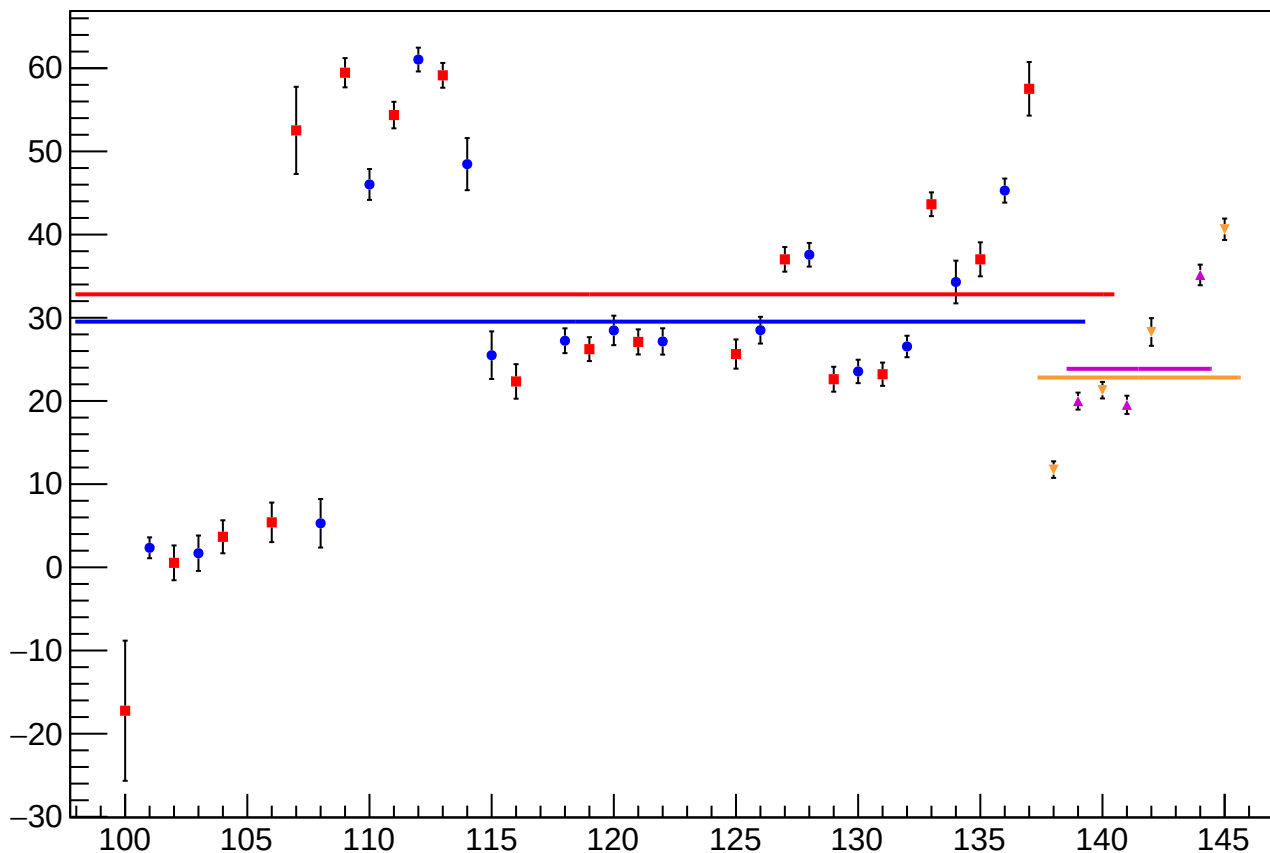
Right: 3.934 $\pm$ 0.156 χ^2 /NDF: 807.6/33

In: 2.994 $\pm$ 0.201 χ^2 /NDF:494.3/18

Out: 4.090 $\pm$ 0.202 χ^2 /NDF:430.3/21

All: 3.538 $\pm$ 0.142 χ^2 /NDF: 939.3/40

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535 $\pm$ 0.417 χ^2/NDF : 1494.9/15

Left Out: 22.816 $\pm$ 0.578 χ^2/NDF :329.3/3

Right Out: 32.816 $\pm$ 0.423 χ^2/NDF : 1659.3/17

Left In: 23.864 $\pm$ 0.640 χ^2/NDF :112.8/2

Left: 23.287 $\pm$ 0.429 χ^2/NDF : 443.6/6

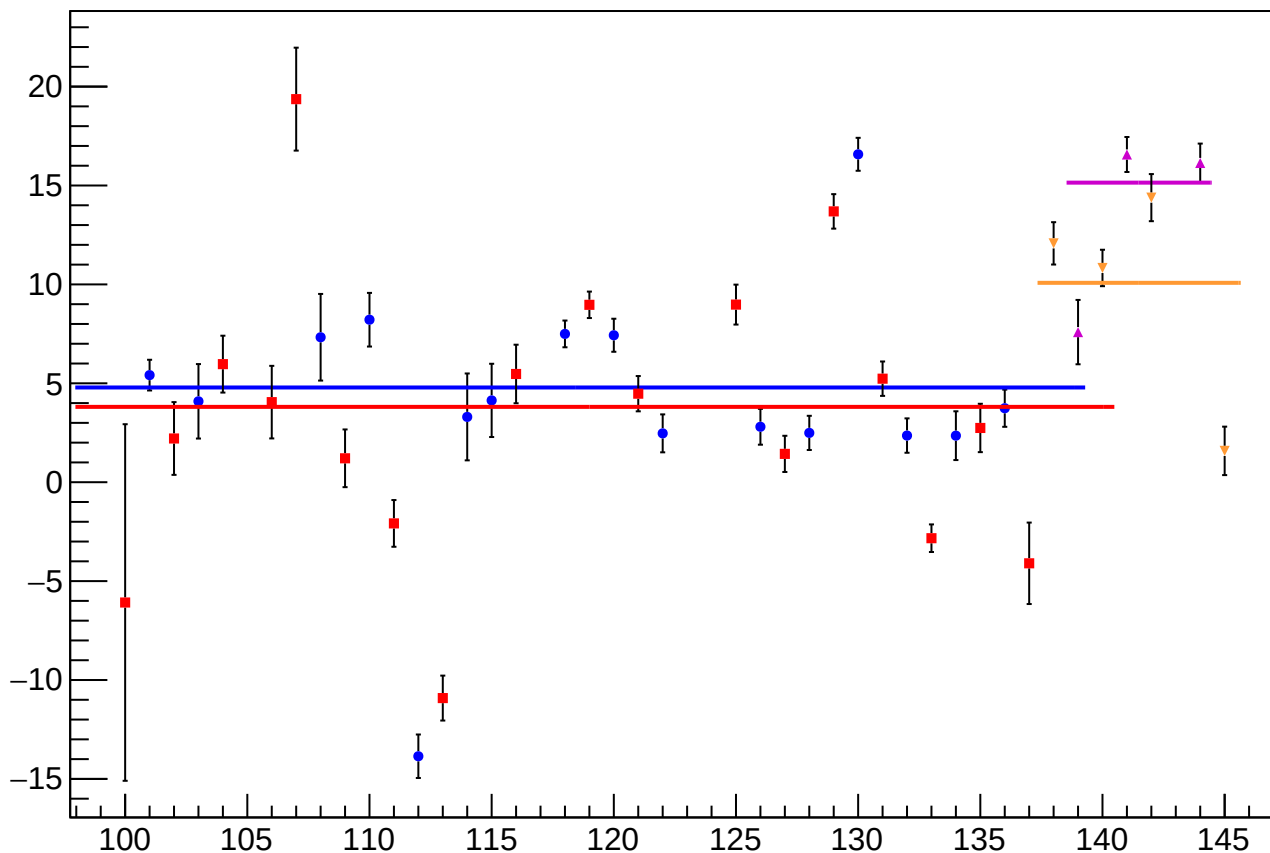
Right: 31.152 $\pm$ 0.297 χ^2/NDF : 3184.7/33

In: 27.846 $\pm$ 0.349 χ^2/NDF :1662.8/18

Out: 29.331 $\pm$ 0.341 χ^2/NDF :2183.5/21

All: 28.605 $\pm$ 0.244 χ^2/NDF : 3855.6/40

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 10.080 ± 0.540 χ^2/NDF : 65.3/3

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

Left In: 15.145 ± 0.609 χ^2/NDF : 25.2/2

Left: 12.312 ± 0.404 χ^2/NDF : 129.3/6

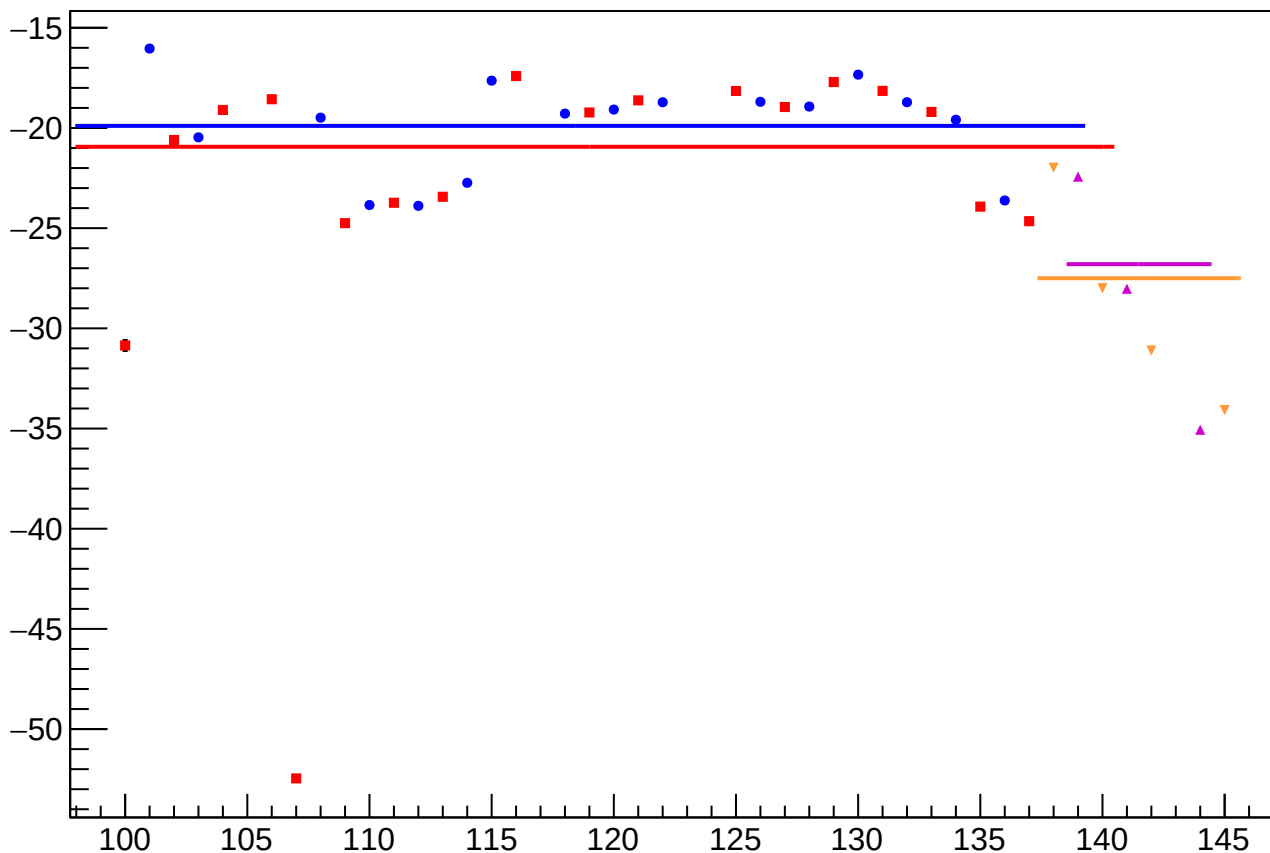
Right: 4.313 ± 0.180 χ^2/NDF : 1128.9/33

In: 6.296 ± 0.232 χ^2/NDF : 826.4/18

Out: 4.979 ± 0.233 χ^2/NDF : 742.4/21

All: 5.641 ± 0.165 χ^2/NDF : 1584.9/40

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: -27.498 ± 0.024 $\chi^2/\text{NDF}: 39661.6/3$

Right Out: -20.938 ± 0.016 $\chi^2/\text{NDF}: 94065.2/17$

Left In: -26.797 ± 0.025 $\chi^2/\text{NDF}: 38710.5/2$

Left: -27.165 ± 0.017 $\chi^2/\text{NDF}: 78792.0/6$

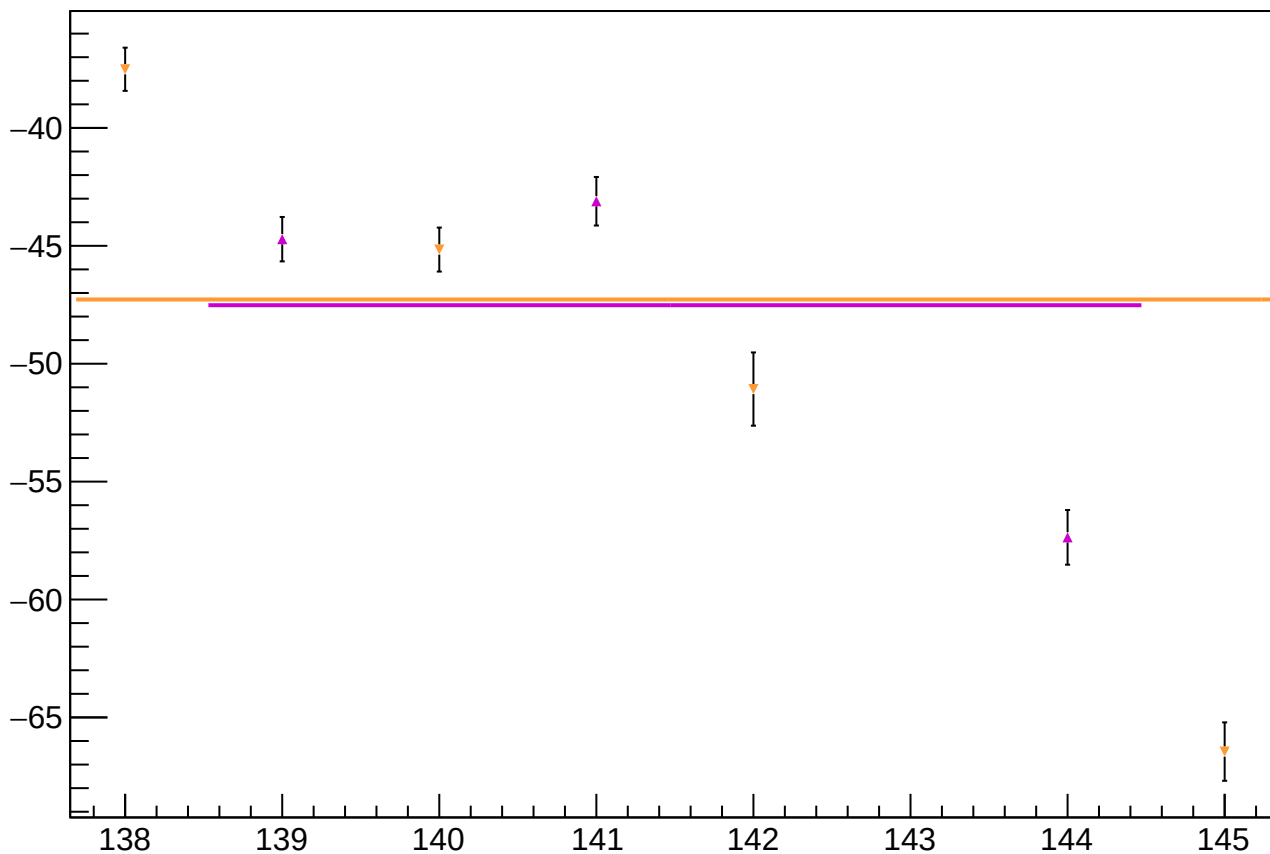
Right: -20.412 ± 0.011 $\chi^2/\text{NDF}: 122364.1/33$

In: -21.848 ± 0.013 $\chi^2/\text{NDF}: 120399.3/18$

Out: -22.953 ± 0.013 $\chi^2/\text{NDF}: 187269.4/21$

All: -22.405 ± 0.009 $\chi^2/\text{NDF}: 311207.3/40$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -47.275+/-0.542 χ^2/NDF :364.3/3

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

Left In: -47.519+/-0.596 χ^2/NDF :99.2/2

Left: -47.385+/-0.401 χ^2/NDF : 463.7/6

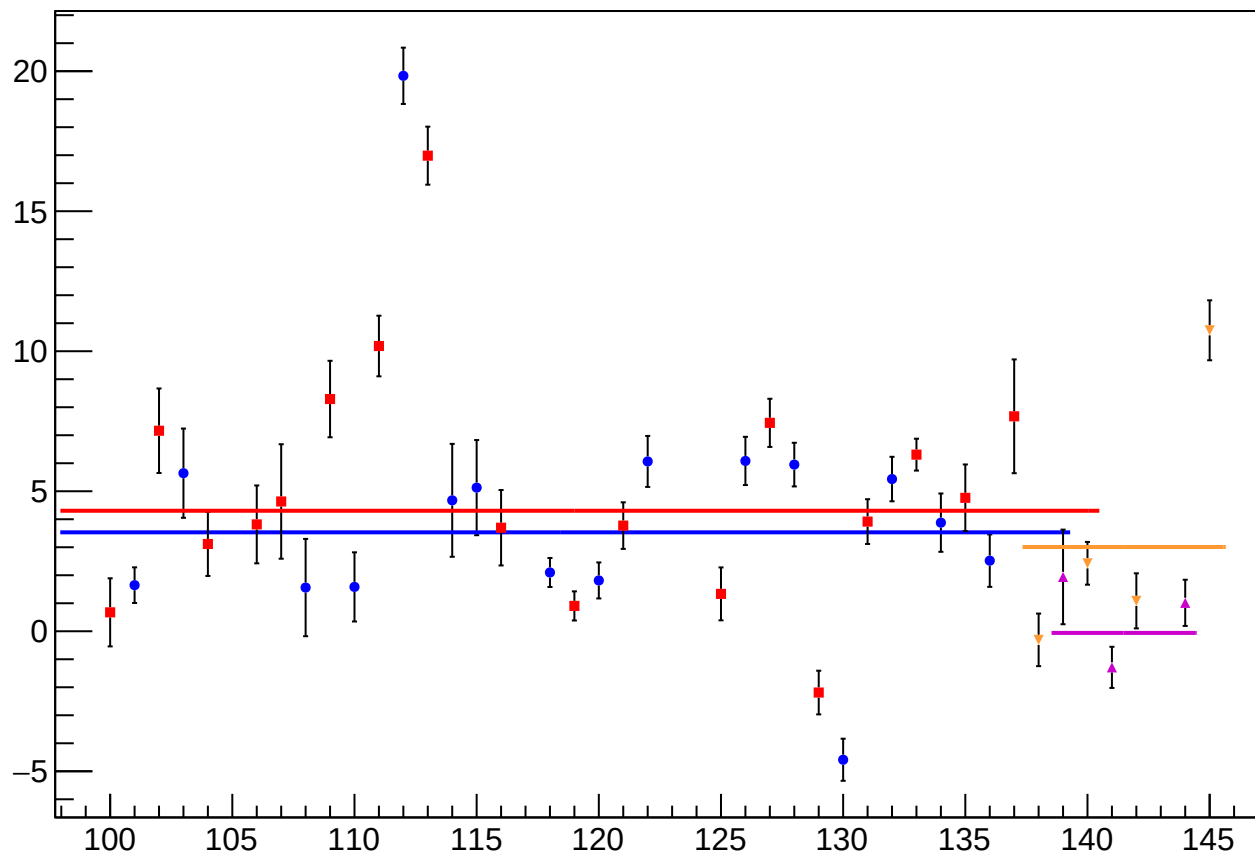
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.519+/-0.596 χ^2/NDF :99.2/2

Out: -47.275+/-0.542 χ^2/NDF :364.3/3

All: -47.385+/-0.401 χ^2/NDF : 463.7/6

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: 3.009 ± 0.459 $\chi^2/\text{NDF}: 69.1/3$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

Left In: -0.059 ± 0.522 $\chi^2/\text{NDF}: 5.9/2$

Left: 1.672 ± 0.344 $\chi^2/\text{NDF}: 94.5/6$

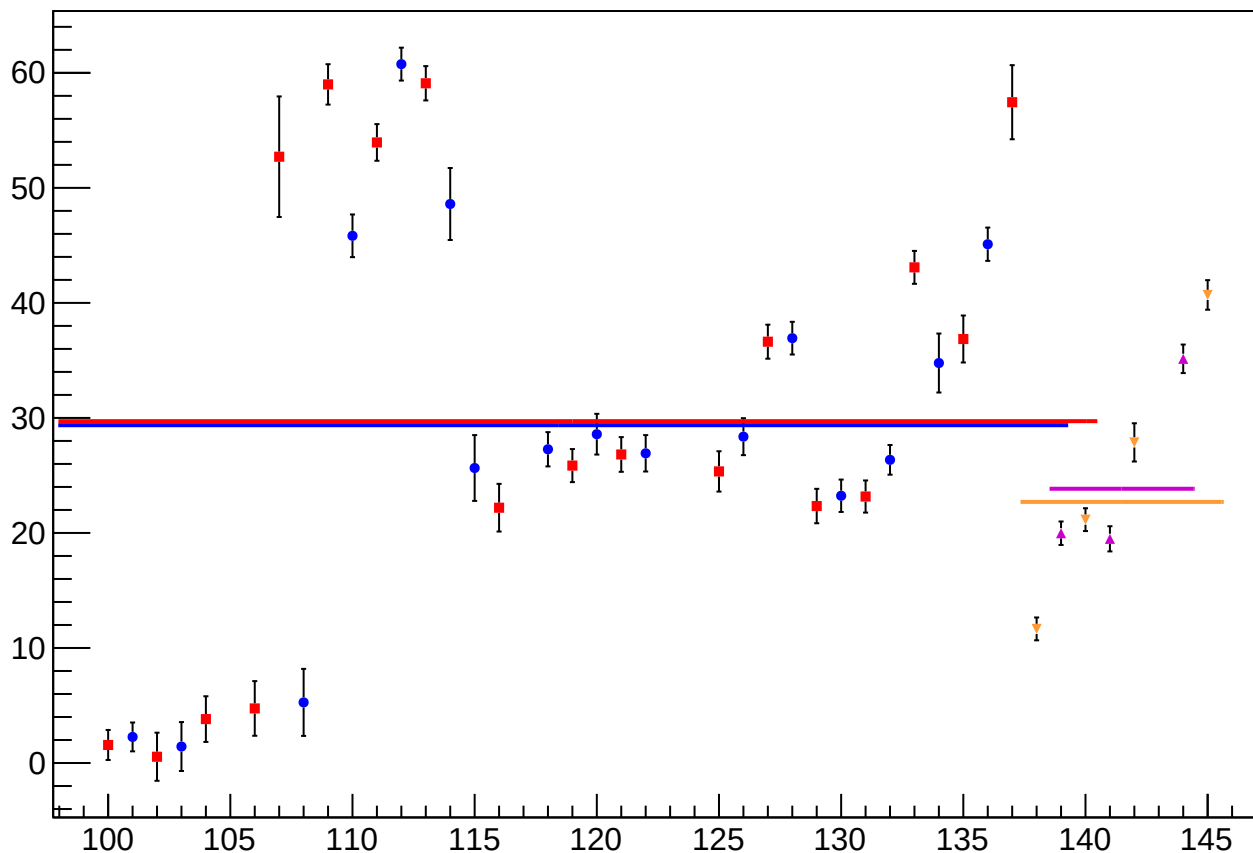
Right: 3.910 ± 0.155 $\chi^2/\text{NDF}: 802.2/33$

In: 3.002 ± 0.201 $\chi^2/\text{NDF}: 489.5/18$

Out: 4.058 ± 0.199 $\chi^2/\text{NDF}: 428.4/21$

All: 3.533 ± 0.141 $\chi^2/\text{NDF}: 931.8/40$

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: 22.700 $\pm$ 0.578 χ^2 /NDF:331.6/3

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

Left In: 23.843 $\pm$ 0.640 χ^2 /NDF:113.1/2

Left: 23.214 $\pm$ 0.429 χ^2 /NDF: 446.5/6

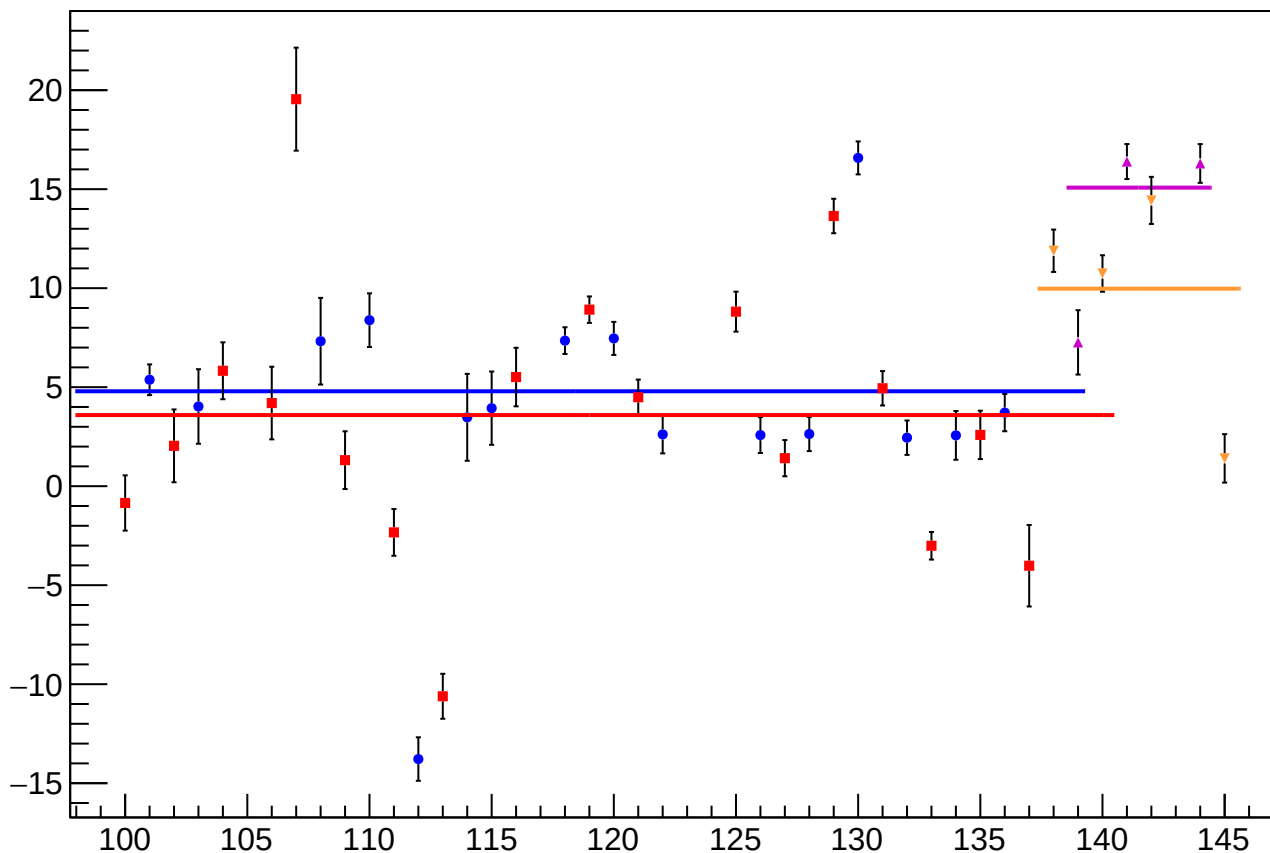
Right: 29.549 $\pm$ 0.289 χ^2 /NDF: 3618.6/33

In: 27.722 $\pm$ 0.349 χ^2 /NDF:1654.3/18

Out: 27.426 $\pm$ 0.330 χ^2 /NDF:2560.5/21

All: 27.566 $\pm$ 0.240 χ^2 /NDF: 4215.1/40

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 $\pm$ 0.251 χ^2 /NDF: 550.0/15

Left Out: 9.975 $\pm$ 0.540 χ^2 /NDF: 67.0/3

Right Out: 3.591 $\pm$ 0.254 χ^2 /NDF: 573.3/17

Left In: 15.078 $\pm$ 0.608 χ^2 /NDF: 26.9/2

Left: 12.225 $\pm$ 0.404 χ^2 /NDF: 133.2/6

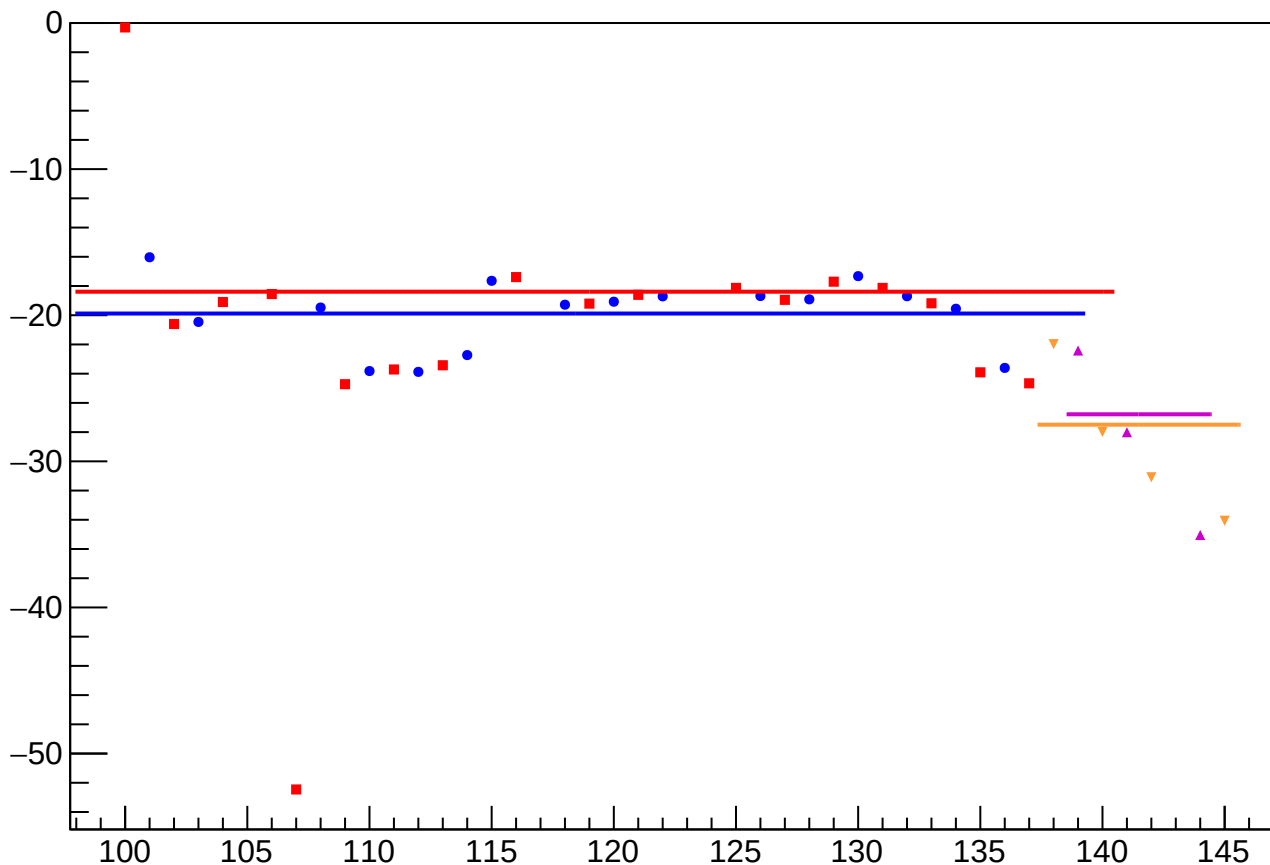
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1134.6/33

In: 6.291 $\pm$ 0.232 χ^2 /NDF: 821.1/18

Out: 4.751 $\pm$ 0.230 χ^2 /NDF: 754.6/21

All: 5.514 $\pm$ 0.163 χ^2 /NDF: 1597.9/40

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: -27.491 ± 0.024 $\chi^2/\text{NDF}: 39621.4/3$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

Left In: -26.780 ± 0.025 $\chi^2/\text{NDF}: 38717.6/2$

Left: -27.153 ± 0.017 $\chi^2/\text{NDF}: 78771.5/6$

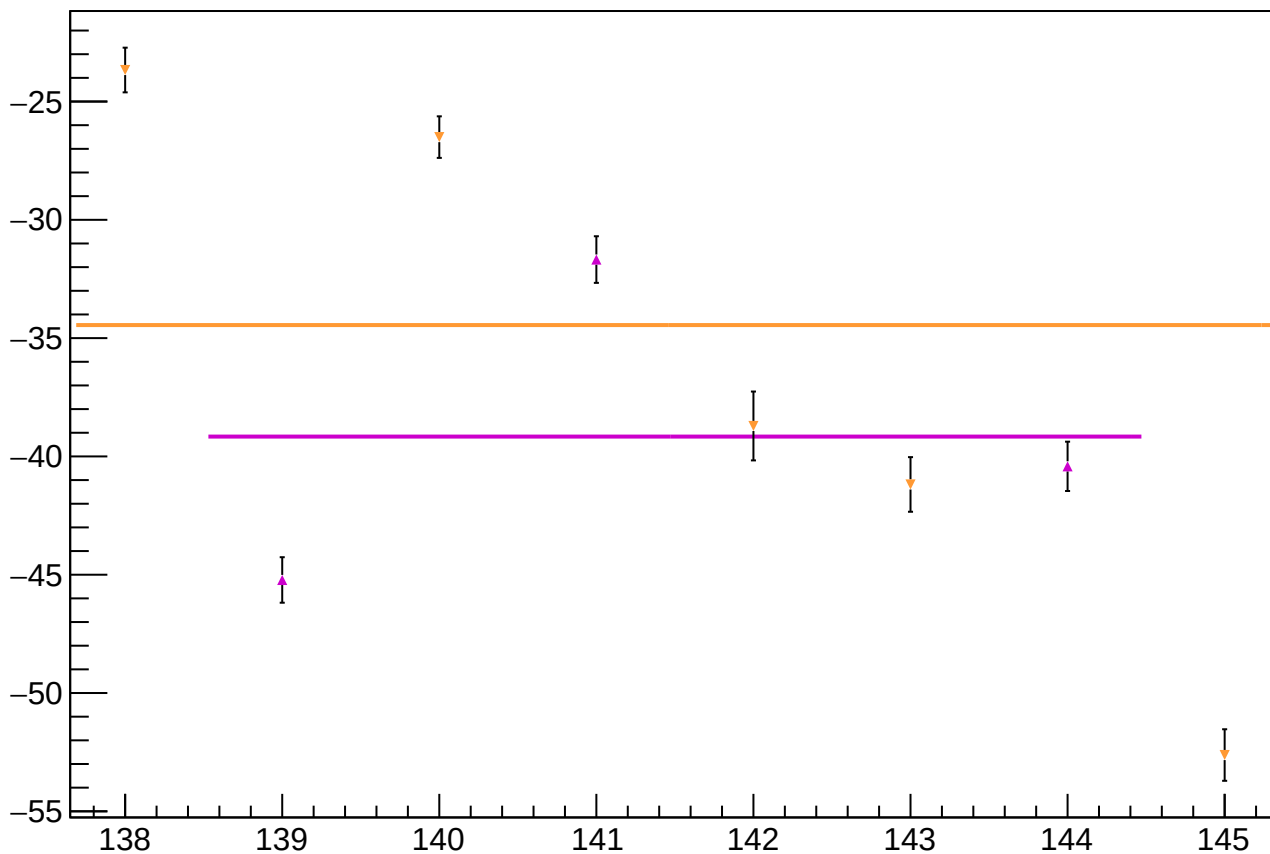
Right: -19.096 ± 0.011 $\chi^2/\text{NDF}: 332167.8/33$

In: -21.835 ± 0.013 $\chi^2/\text{NDF}: 120383.4/18$

Out: -20.946 ± 0.012 $\chi^2/\text{NDF}: 447955.4/21$

All: -21.367 ± 0.009 $\chi^2/\text{NDF}: 570736.3/40$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.448+/-0.472 χ^2/NDF :533.1/4

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

Left In: -39.161+/-0.574 χ^2/NDF :98.8/2

Left: -36.350+/-0.365 χ^2/NDF : 672.1/7

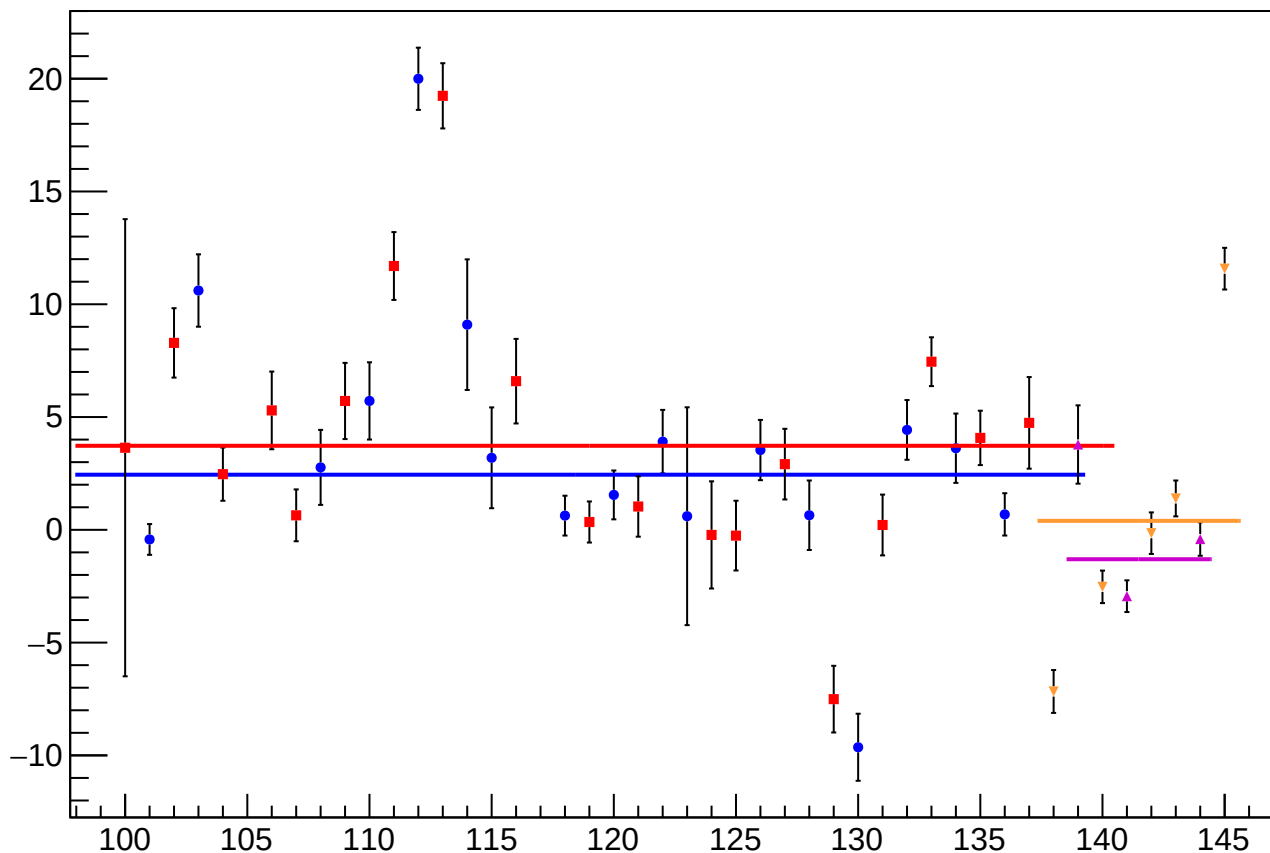
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.161+/-0.574 χ^2/NDF :98.8/2

Out: -34.448+/-0.472 χ^2/NDF :533.1/4

All: -36.350+/-0.365 χ^2/NDF : 672.1/7

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: 0.398 $\pm$ 0.379 χ^2 /NDF:228.1/4

Right Out: 3.726 $\pm$ 0.327 χ^2 /NDF: 269.1/18

Left In: -1.304 $\pm$ 0.490 χ^2 /NDF:15.5/2

Left: -0.239 $\pm$ 0.300 χ^2 /NDF: 251.1/7

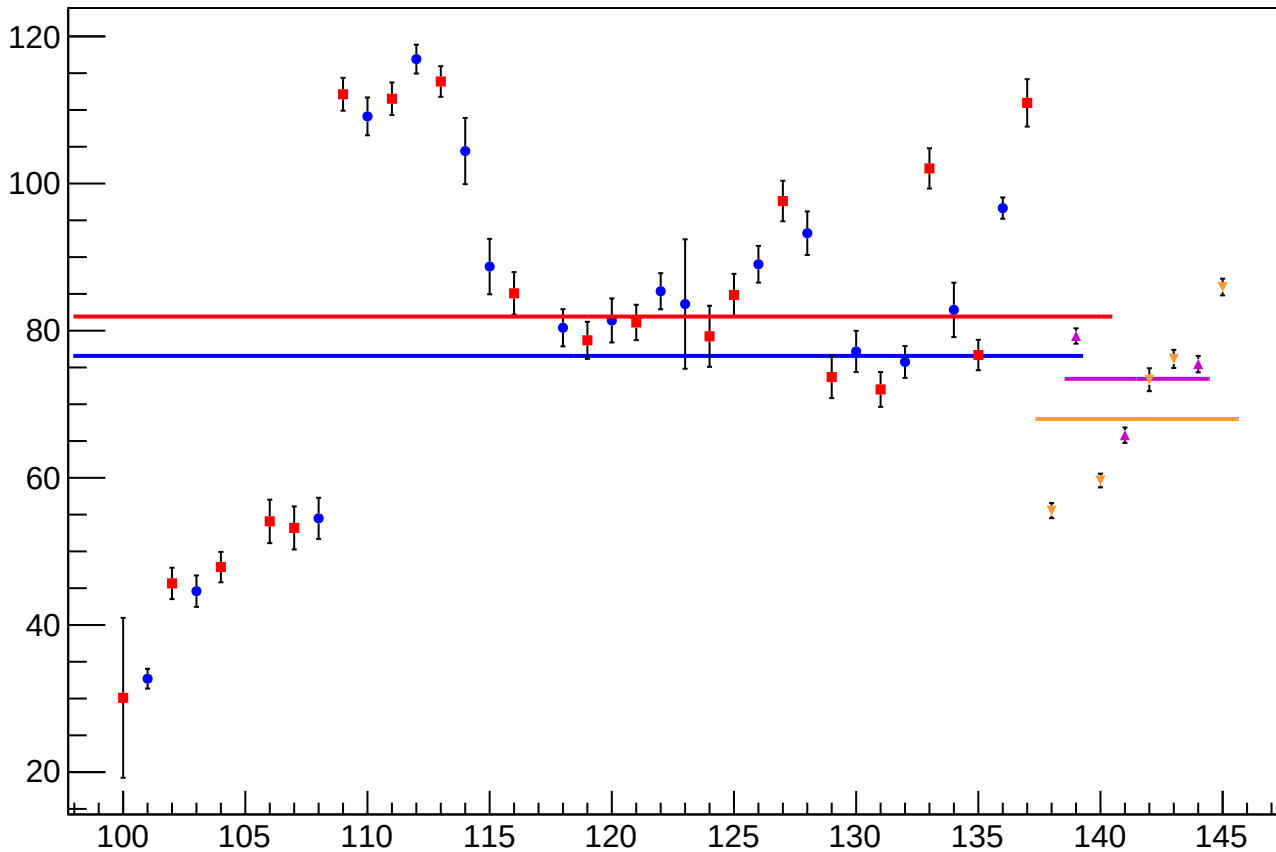
Right: 3.053 $\pm$ 0.225 χ^2 /NDF: 572.5/35

In: 1.366 $\pm$ 0.263 χ^2 /NDF:352.5/19

Out: 2.306 $\pm$ 0.248 χ^2 /NDF:541.4/23

All: 1.864 $\pm$ 0.180 χ^2 /NDF: 900.7/43

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: 67.998 $\pm$ 0.504 χ^2/NDF :532.3/4

Right Out: 81.923 $\pm$ 0.592 χ^2/NDF : 1570.6/18

Left In: 73.454 $\pm$ 0.616 χ^2/NDF :88.0/2

Left: 70.186 $\pm$ 0.390 χ^2/NDF : 667.4/7

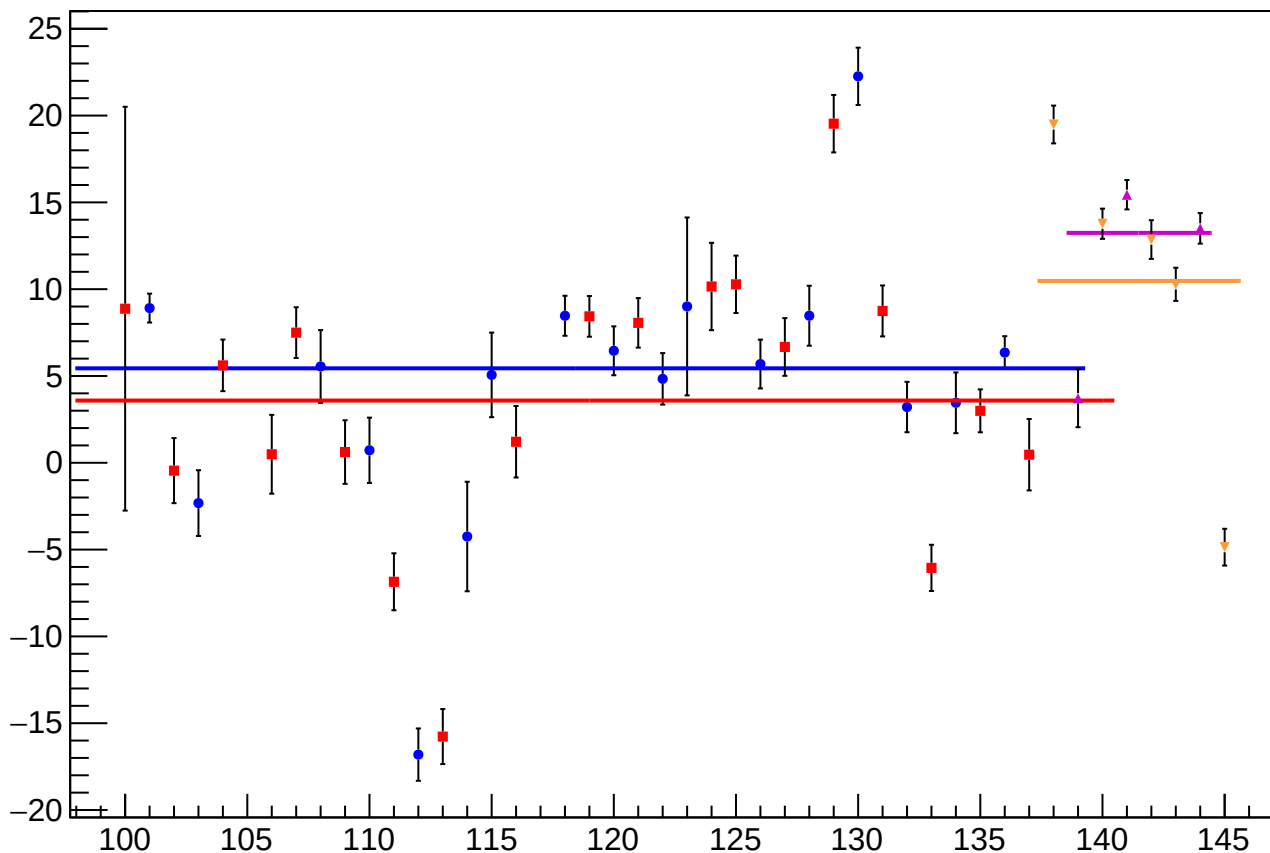
Right: 79.162 $\pm$ 0.412 χ^2/NDF : 3866.3/35

In: 75.124 $\pm$ 0.420 χ^2/NDF :2355.3/19

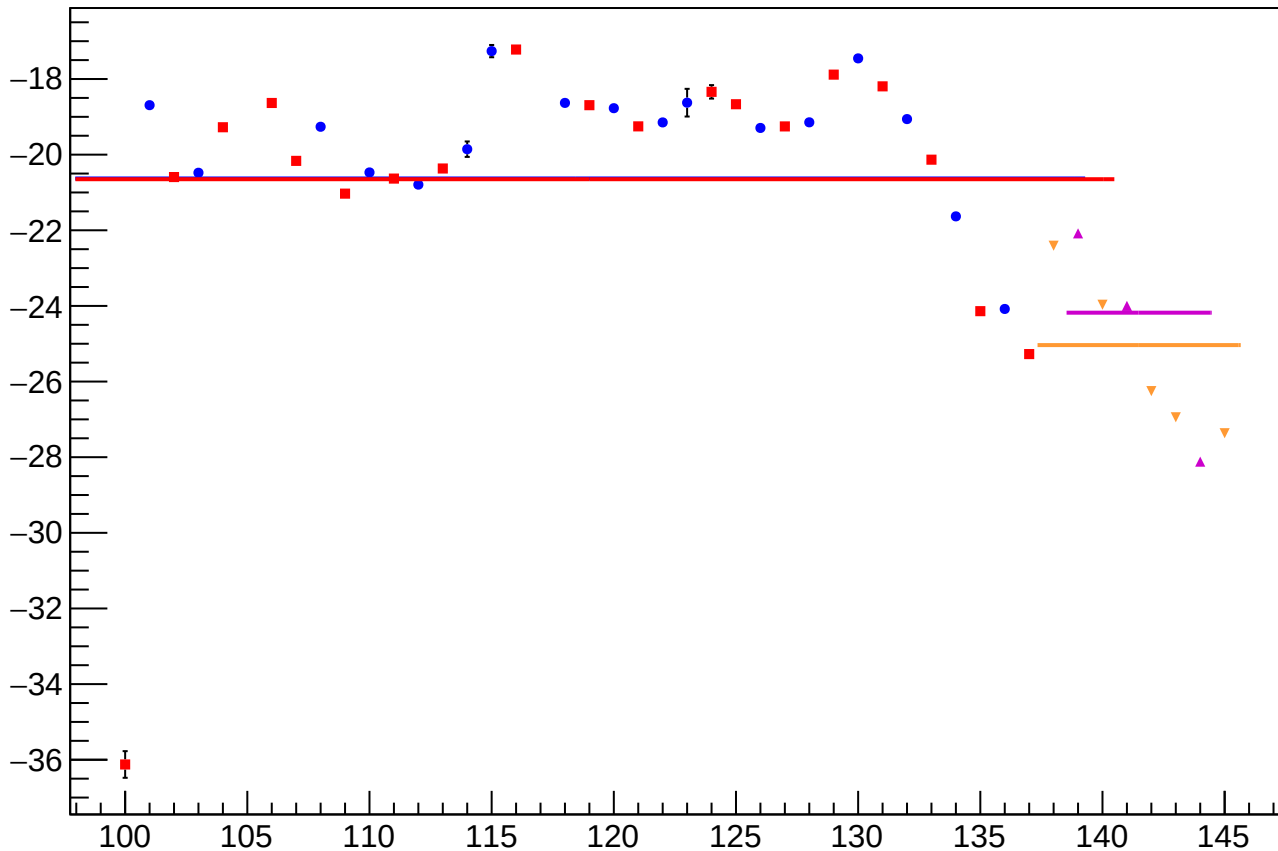
Out: 73.847 $\pm$ 0.384 χ^2/NDF :2423.9/23

All: 74.428 $\pm$ 0.283 χ^2/NDF : 4784.3/43

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF : 12490.5/16

Left Out: -25.036+/-0.021 χ^2/NDF : 9459.5/4

Right Out: -20.650+/-0.019 χ^2/NDF : 13885.7/18

Left In: -24.179+/-0.024 χ^2/NDF : 9801.3/2

Left: -24.675+/-0.016 χ^2/NDF : 19992.2/7

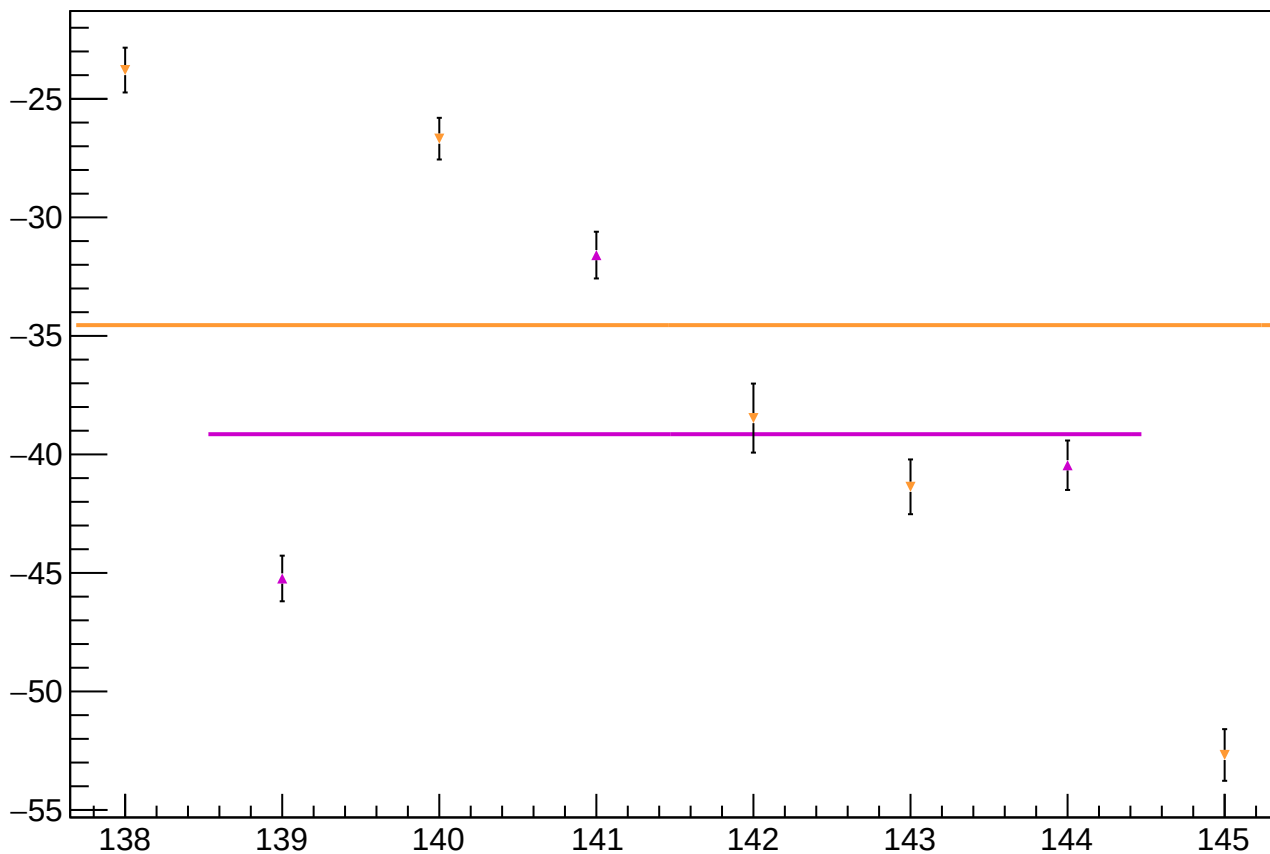
Right: -20.640+/-0.014 χ^2/NDF : 26376.6/35

In: -22.014+/-0.015 χ^2/NDF : 35497.8/19

Out: -22.721+/-0.014 χ^2/NDF : 47407.1/23

All: -22.390+/-0.010 χ^2/NDF : 84078.5/43

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.546+/-0.473 χ^2/NDF :528.8/4

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

Left In: -39.147+/-0.575 χ^2/NDF :100.3/2

Left: -36.402+/-0.365 χ^2/NDF : 667.3/7

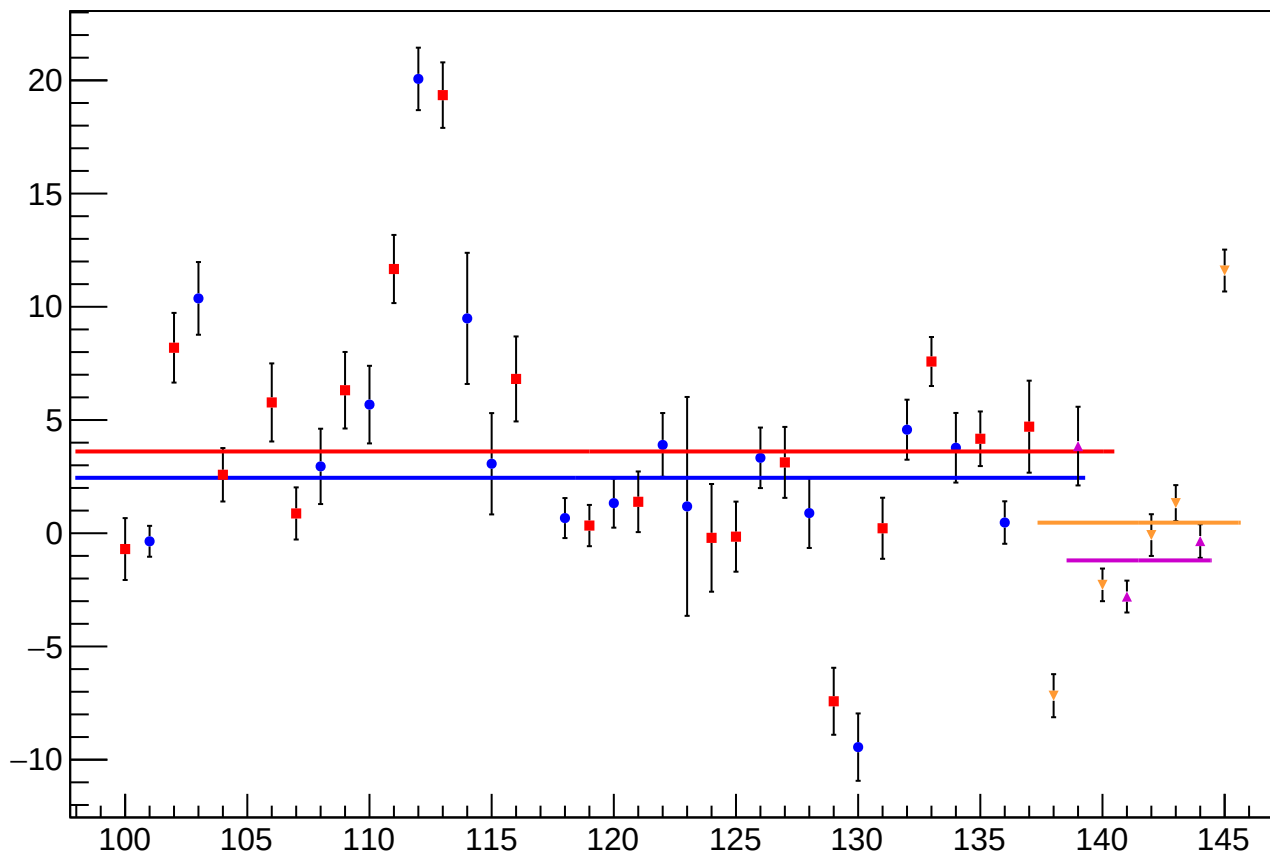
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.147+/-0.575 χ^2/NDF :100.3/2

Out: -34.546+/-0.473 χ^2/NDF :528.8/4

All: -36.402+/-0.365 χ^2/NDF : 667.3/7

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 ± 0.311 $\chi^2/\text{NDF}: 293.4/16$

Left Out: 0.467 ± 0.379 $\chi^2/\text{NDF}: 225.5/4$

Right Out: 3.611 ± 0.318 $\chi^2/\text{NDF}: 279.4/18$

Left In: -1.200 ± 0.490 $\chi^2/\text{NDF}: 14.9/2$

Left: -0.157 ± 0.300 $\chi^2/\text{NDF}: 247.7/7$

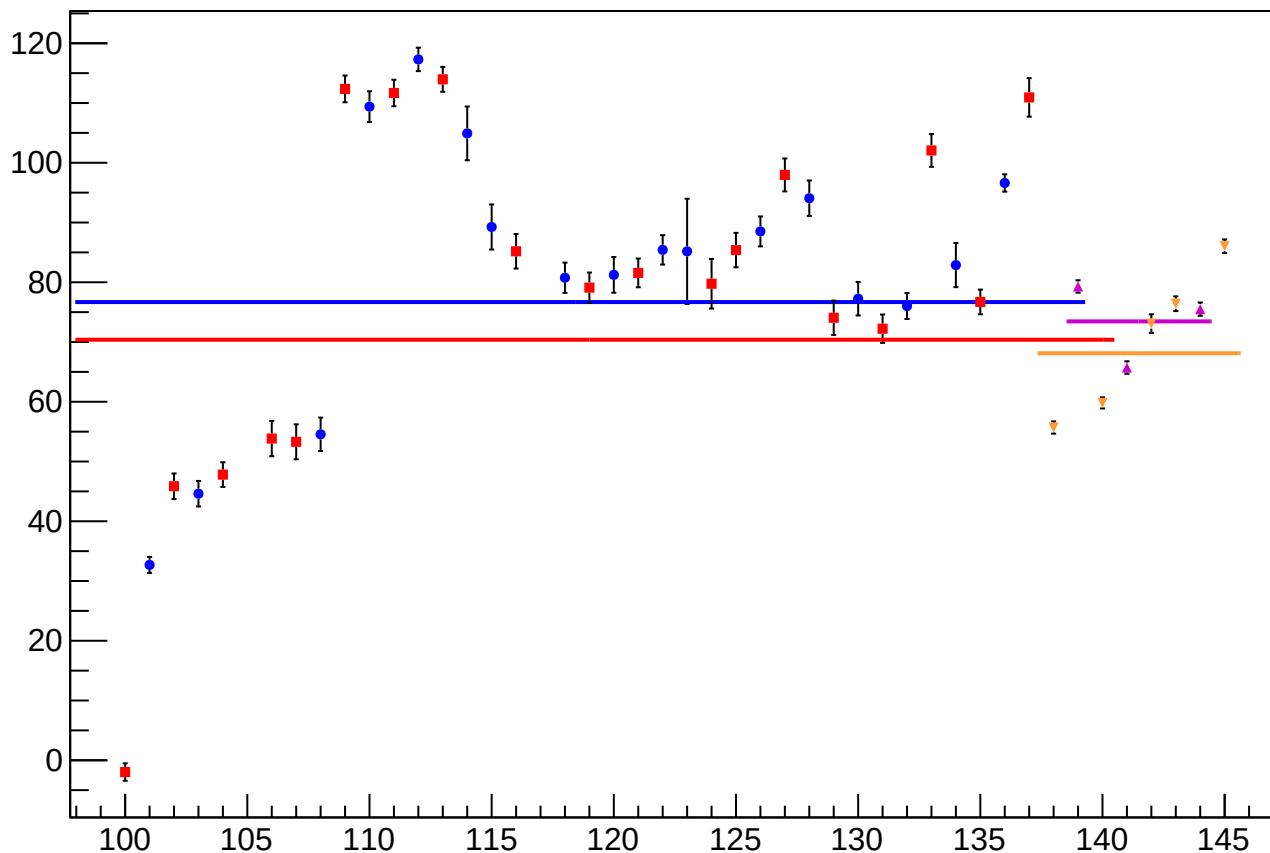
Right: 3.017 ± 0.223 $\chi^2/\text{NDF}: 579.6/35$

In: 1.399 ± 0.263 $\chi^2/\text{NDF}: 347.8/19$

Out: 2.312 ± 0.244 $\chi^2/\text{NDF}: 545.3/23$

All: 1.890 ± 0.179 $\chi^2/\text{NDF}: 899.5/43$

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: 68.119 $\pm$ 0.504 χ^2/NDF : 529.2/4

Right Out: 70.386 $\pm$ 0.550 χ^2/NDF : 4391.1/18

Left In: 73.452 $\pm$ 0.616 χ^2/NDF : 89.2/2

Left: 70.257 $\pm$ 0.390 χ^2/NDF : 663.2/7

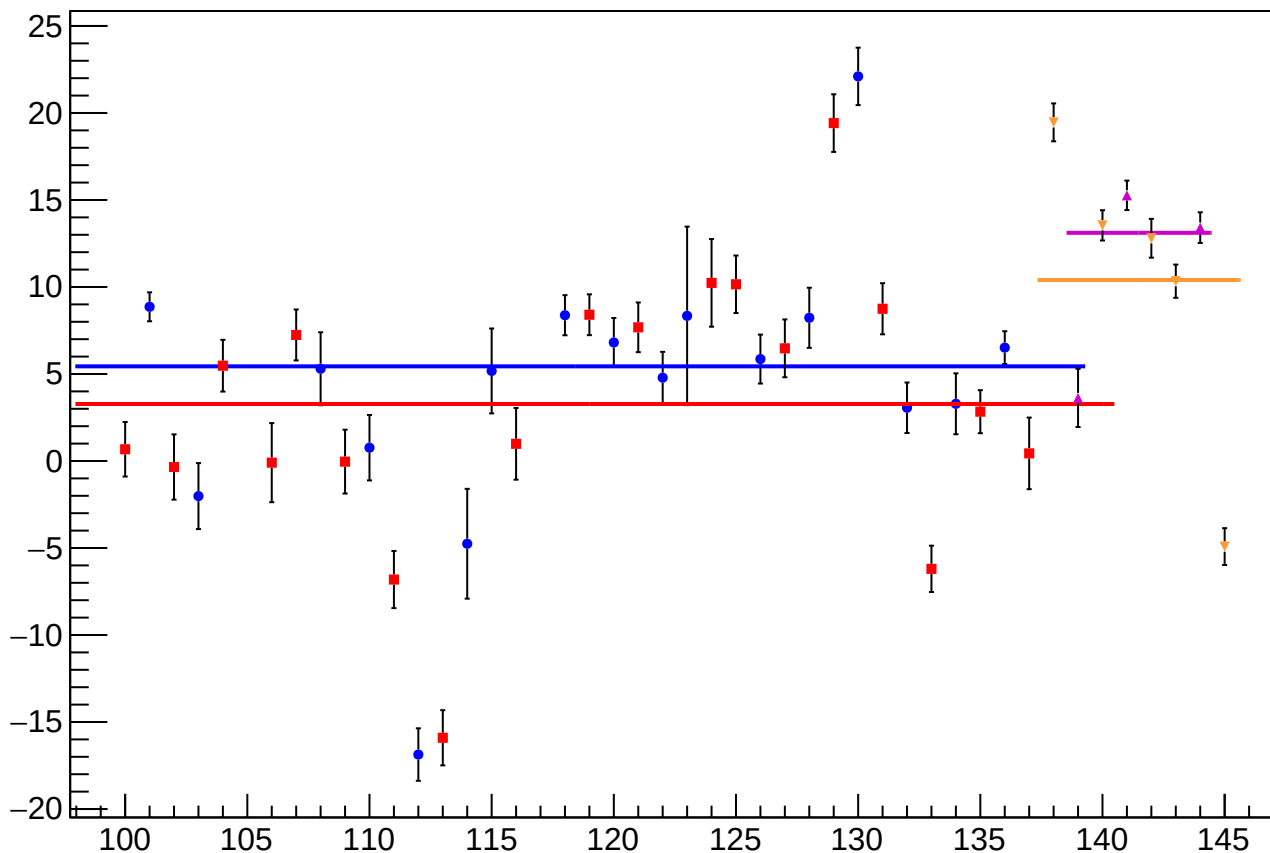
Right: 73.402 $\pm$ 0.397 χ^2/NDF : 6719.1/35

In: 75.185 $\pm$ 0.420 χ^2/NDF : 2369.0/19

Out: 69.154 $\pm$ 0.372 χ^2/NDF : 4929.5/23

All: 71.803 $\pm$ 0.278 χ^2/NDF : 7414.3/43

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: 10.400 ± 0.449 $\chi^2/\text{NDF}: 296.1/4$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

Left In: 13.114 ± 0.573 $\chi^2/\text{NDF}: 38.8/2$

Left: 11.432 ± 0.354 $\chi^2/\text{NDF}: 348.8/7$

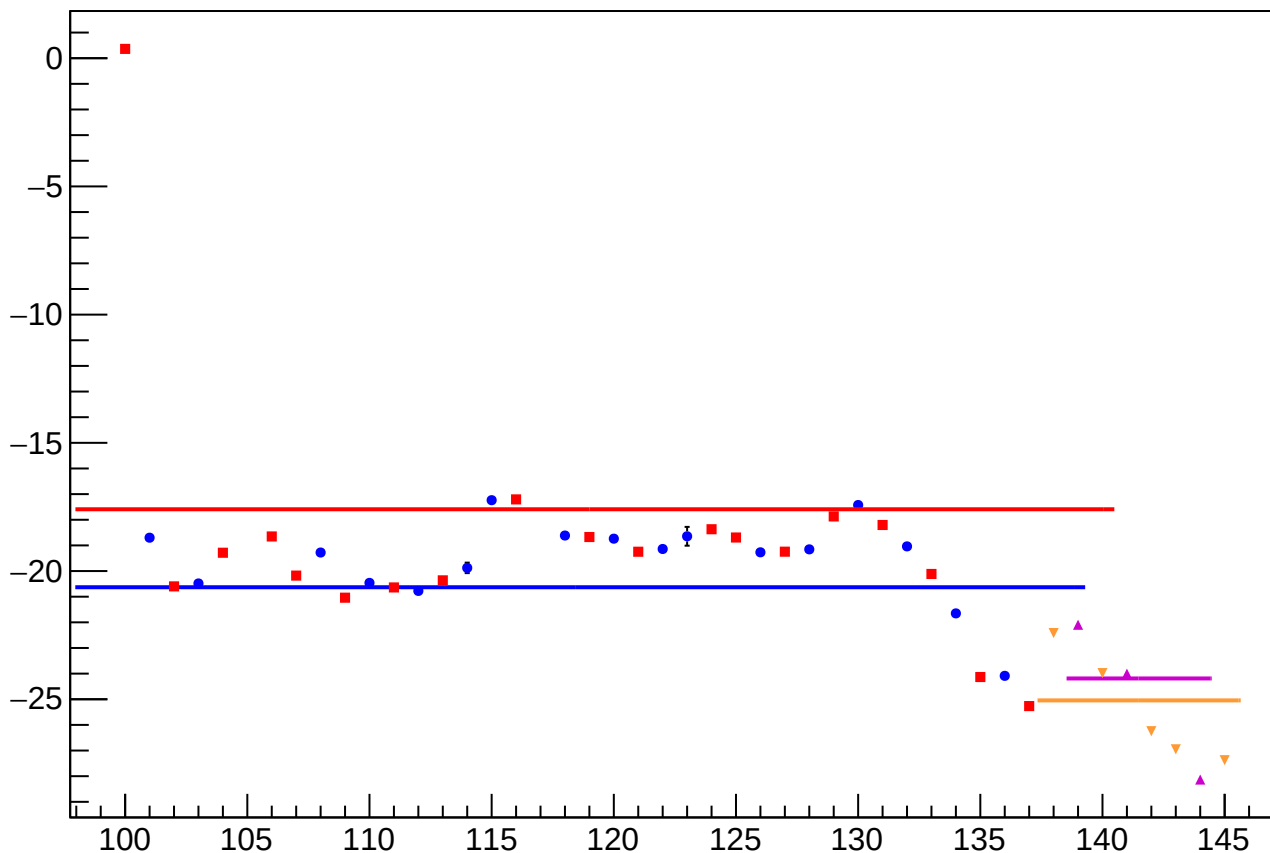
Right: 4.381 ± 0.256 $\chi^2/\text{NDF}: 829.6/35$

In: 7.588 ± 0.303 $\chi^2/\text{NDF}: 553.7/19$

Out: 6.112 ± 0.283 $\chi^2/\text{NDF}: 873.4/23$

All: 6.800 ± 0.207 $\chi^2/\text{NDF}: 1439.7/43$

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: -25.044 ± 0.021 $\chi^2/\text{NDF}: 9429.4/4$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

Left In: -24.189 ± 0.024 $\chi^2/\text{NDF}: 9793.5/2$

Left: -24.685 ± 0.016 $\chi^2/\text{NDF}: 19950.8/7$

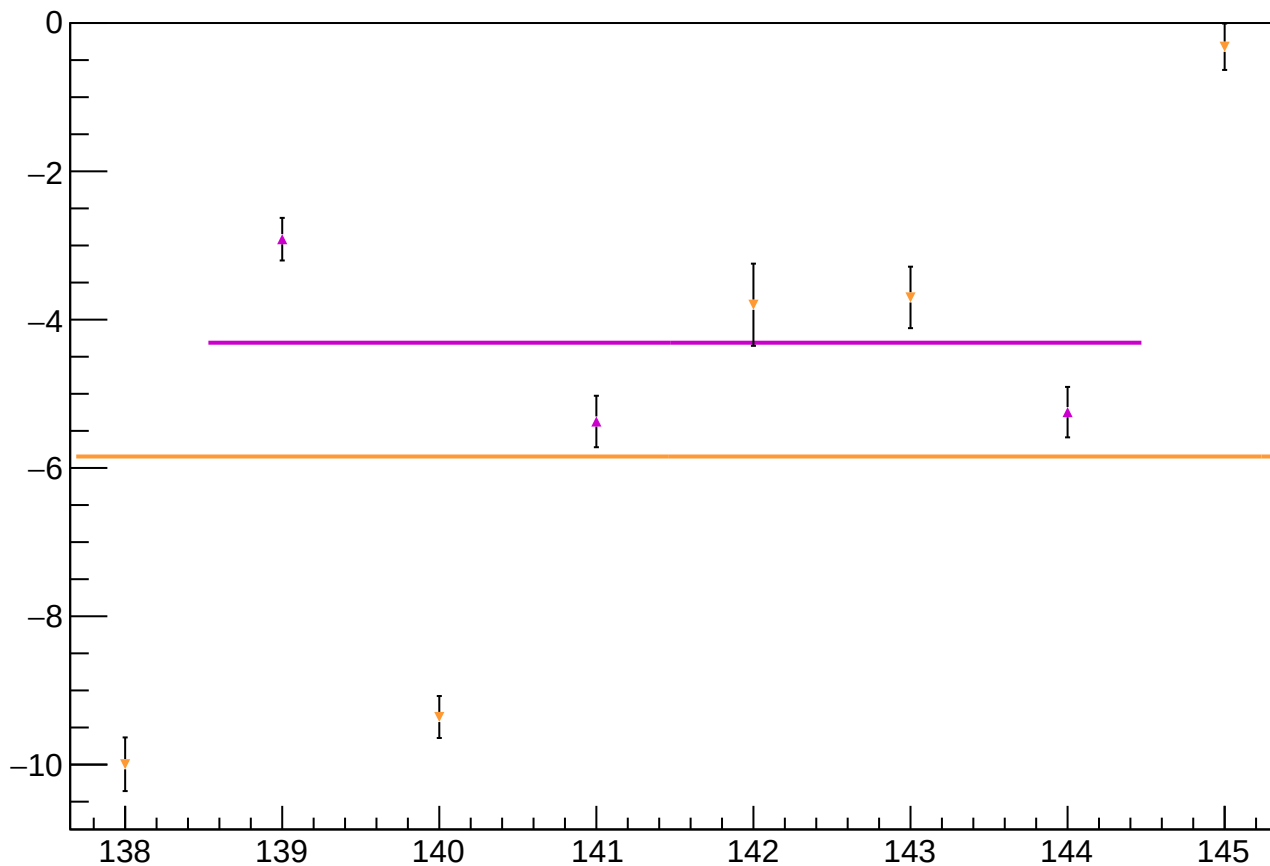
Right: -19.007 ± 0.013 $\chi^2/\text{NDF}: 204486.4/35$

In: -22.018 ± 0.015 $\chi^2/\text{NDF}: 35582.4/19$

Out: -20.829 ± 0.014 $\chi^2/\text{NDF}: 262479.8/23$

All: -21.360 ± 0.010 $\chi^2/\text{NDF}: 301507.5/43$

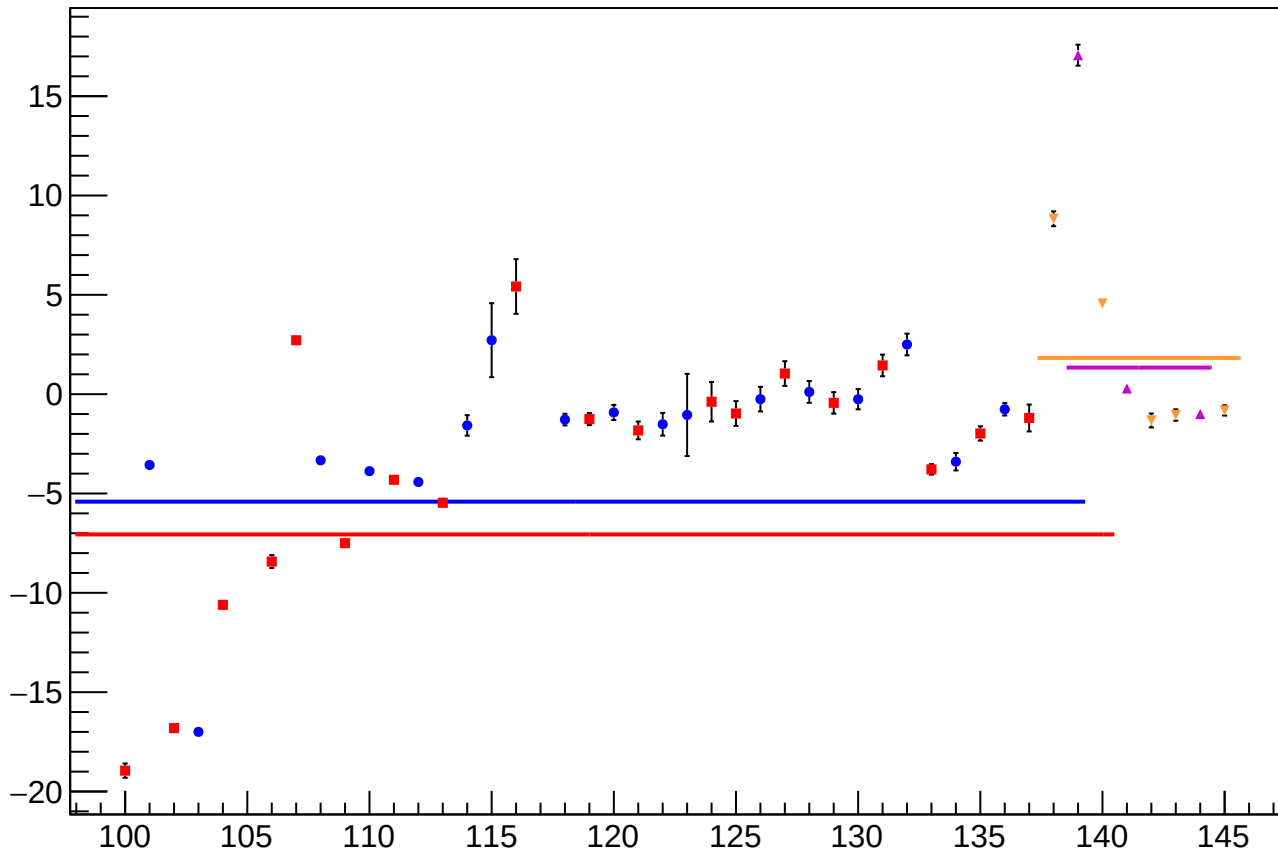
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.846+/-0.159 χ^2/NDF : 638.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.311+/-0.185 χ^2/NDF : 40.6/2

Left: -5.194+/-0.121 χ^2/NDF : 718.0/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.311+/-0.185 χ^2/NDF : 40.6/2
 Out: -5.846+/-0.159 χ^2/NDF : 638.0/4
 All: -5.194+/-0.121 χ^2/NDF : 718.0/7

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411 $\pm$ 0.055 χ^2 /NDF: 9261.2/16

Left Out: 1.822 $\pm$ 0.129 χ^2 /NDF: 770.8/4

Right Out: -7.060 $\pm$ 0.059 χ^2 /NDF: 12329.4/18

Left In: 1.338 $\pm$ 0.166 χ^2 /NDF: 992.4/2

Left: 1.640 $\pm$ 0.102 χ^2 /NDF: 1768.5/7

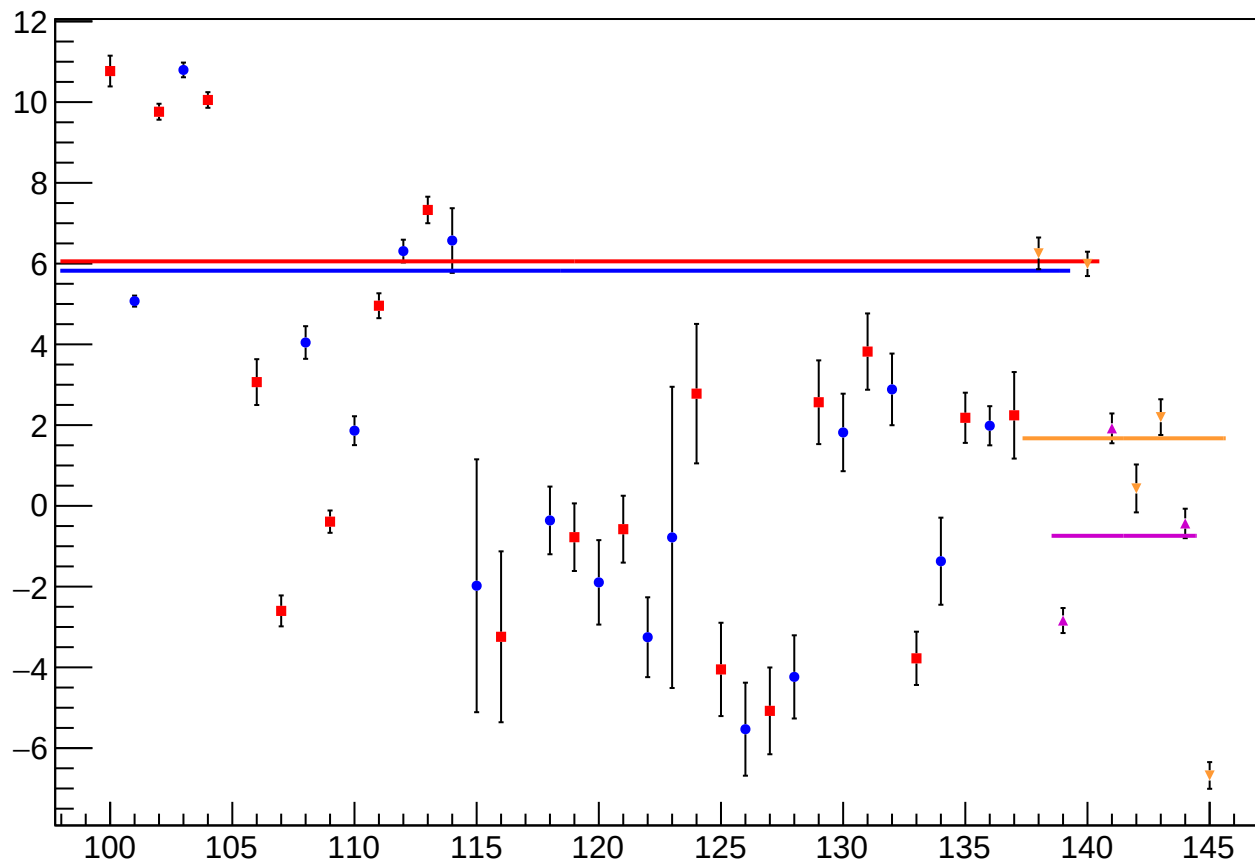
Right: -6.173 $\pm$ 0.040 χ^2 /NDF: 22010.3/35

In: -4.746 $\pm$ 0.052 χ^2 /NDF: 11752.2/19

Out: -5.516 $\pm$ 0.054 χ^2 /NDF: 17034.8/23

All: -5.119 $\pm$ 0.037 χ^2 /NDF: 28893.4/43

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: 1.673 ± 0.170 $\chi^2/\text{NDF}: 985.6/4$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

Left In: -0.742 ± 0.199 $\chi^2/\text{NDF}: 98.6/2$

Left: 0.654 ± 0.129 $\chi^2/\text{NDF}: 1169.4/7$

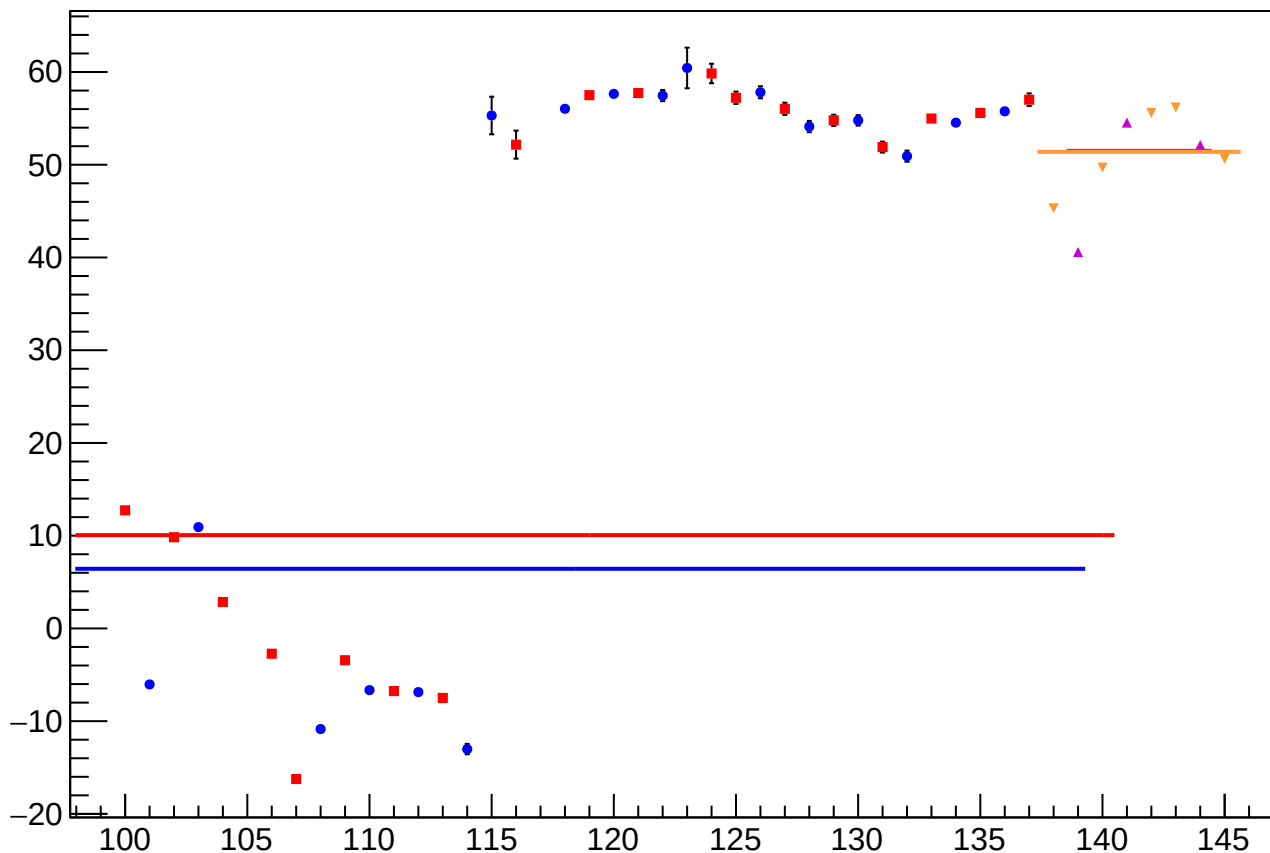
Right: 5.935 ± 0.065 $\chi^2/\text{NDF}: 4124.7/35$

In: 4.716 ± 0.082 $\chi^2/\text{NDF}: 2457.1/19$

Out: 5.041 ± 0.082 $\chi^2/\text{NDF}: 4165.3/23$

All: 4.879 ± 0.058 $\chi^2/\text{NDF}: 6630.3/43$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432+/-0.065 χ^2/NDF : 123486.3/16

Left Out: 51.394+/-0.152 χ^2/NDF :539.3/4

Right Out: 10.060+/-0.070 χ^2/NDF : 121816.0/18

Left In: 51.499+/-0.192 χ^2/NDF :566.2/2

Left: 51.434+/-0.119 χ^2/NDF : 1105.7/7

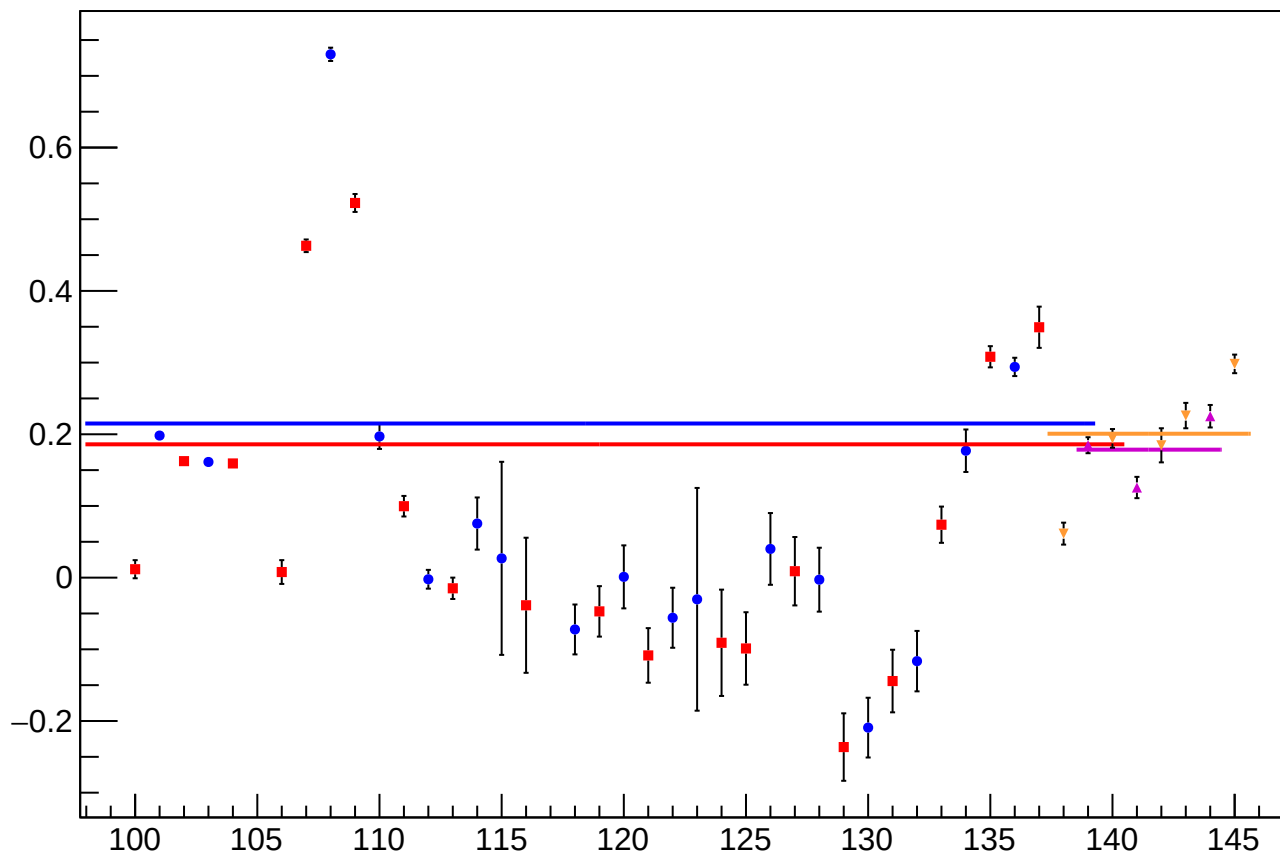
Right: 8.110+/-0.047 χ^2/NDF : 246756.9/35

In: 11.018+/-0.061 χ^2/NDF :173429.0/19

Out: 17.255+/-0.063 χ^2/NDF :183497.3/23

All: 14.034+/-0.044 χ^2/NDF : 361927.6/43

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: 0.201 $\pm$ 0.007 χ^2 /NDF:142.0/4

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

Left In: 0.179 $\pm$ 0.008 χ^2 /NDF:21.8/2

Left: 0.191 $\pm$ 0.005 χ^2 /NDF: 168.4/7

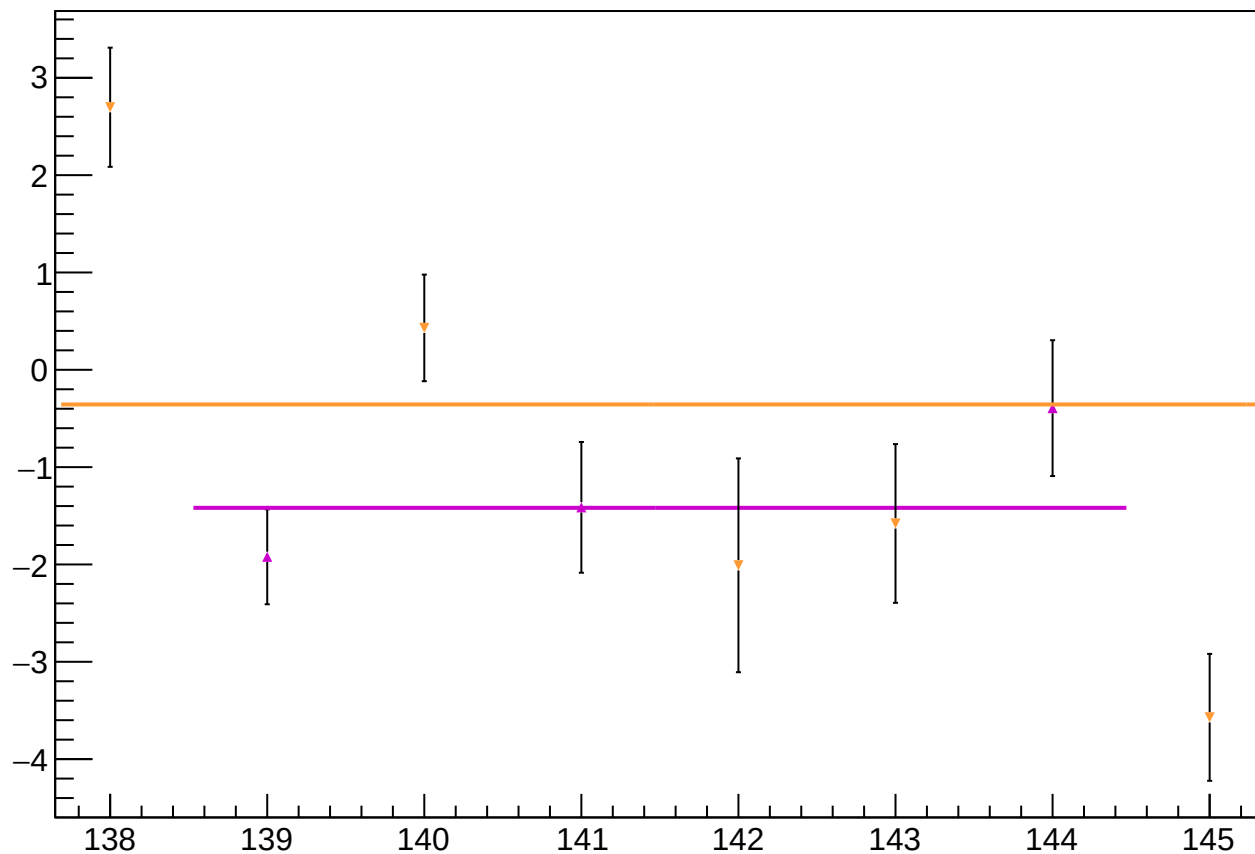
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6707.1/35

In: 0.211 $\pm$ 0.003 χ^2 /NDF:3971.5/19

Out: 0.188 $\pm$ 0.003 χ^2 /NDF:2866.4/23

All: 0.199 $\pm$ 0.002 χ^2 /NDF: 6878.2/43

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.356 $\pm$ 0.306 χ^2 /NDF:55.8/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -1.418 $\pm$ 0.344 χ^2 /NDF:3.2/2

Left: -0.826 $\pm$ 0.228 χ^2 /NDF: 64.3/7

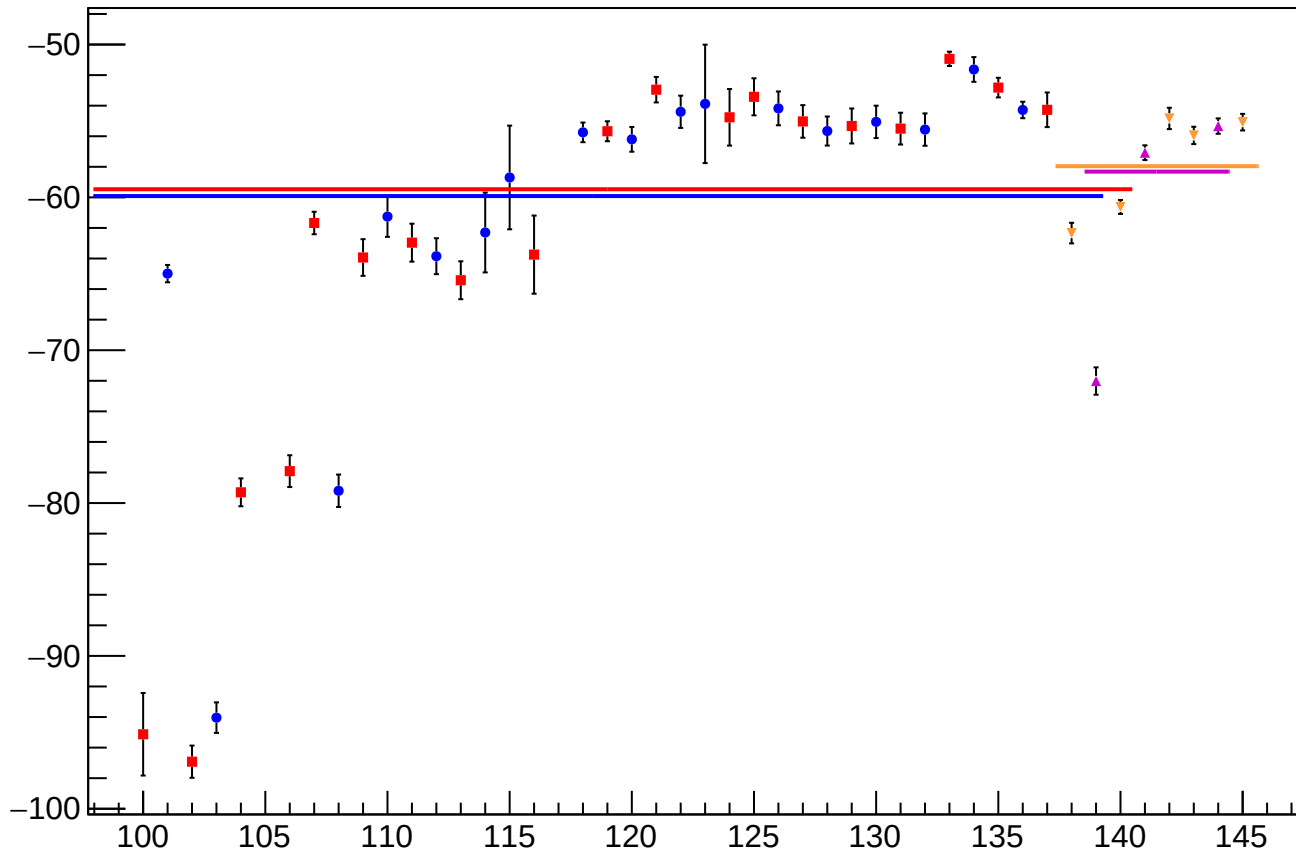
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.418 $\pm$ 0.344 χ^2 /NDF:3.2/2

Out: -0.356 $\pm$ 0.306 χ^2 /NDF:55.8/4

All: -0.826 $\pm$ 0.228 χ^2 /NDF: 64.3/7

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -57.959 ± 0.254 χ^2/NDF : 137.0/4

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

Left In: -58.316 ± 0.325 χ^2/NDF : 276.0/2

Left: -58.094 ± 0.200 χ^2/NDF : 413.8/7

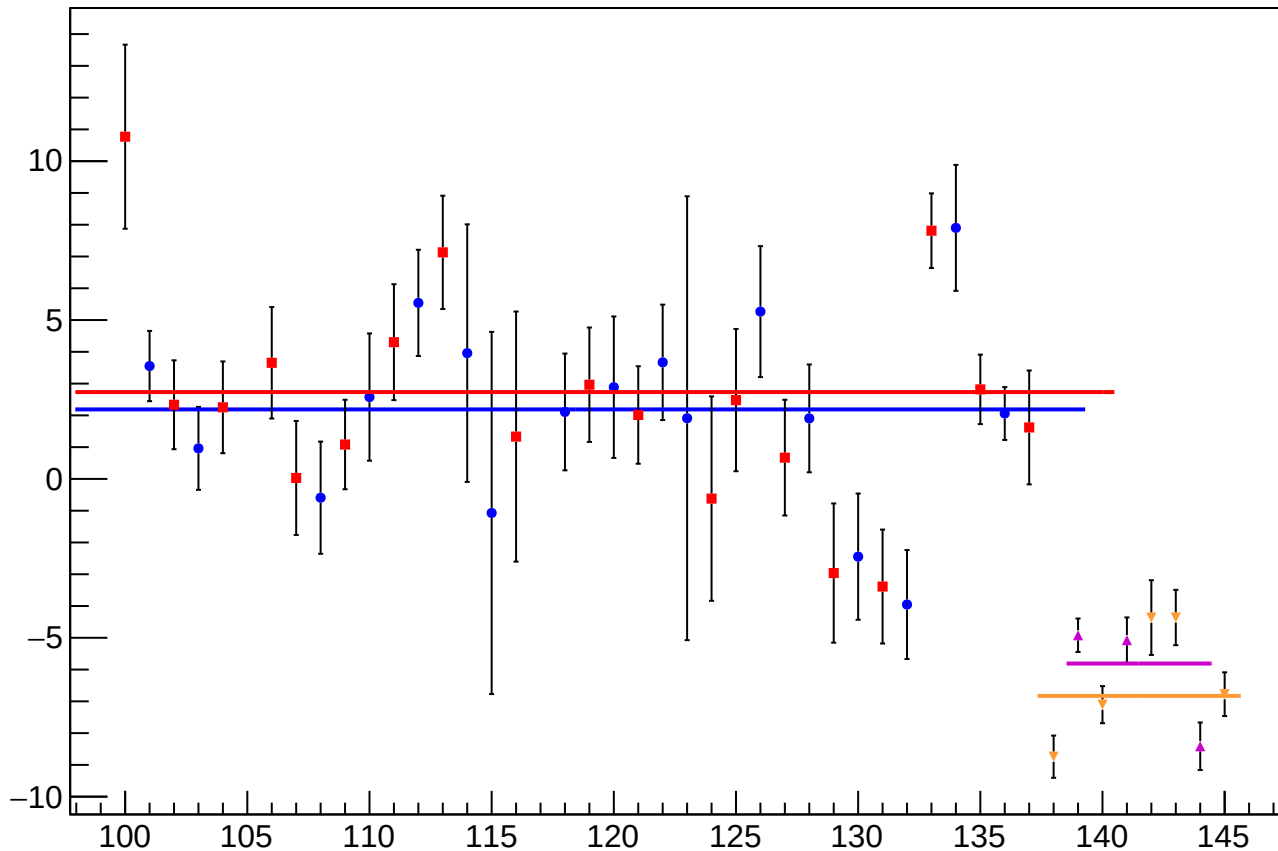
Right: -59.680 ± 0.154 χ^2/NDF : 4894.3/35

In: -59.402 ± 0.184 χ^2/NDF : 2272.0/19

Out: -58.847 ± 0.163 χ^2/NDF : 3070.5/23

All: -59.091 ± 0.122 χ^2/NDF : 5347.6/43

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -6.828 ± 0.327 χ^2/NDF : 20.9/4

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

Left In: -5.810 ± 0.369 χ^2/NDF : 16.0/2

Left: -6.380 ± 0.245 χ^2/NDF : 41.2/7

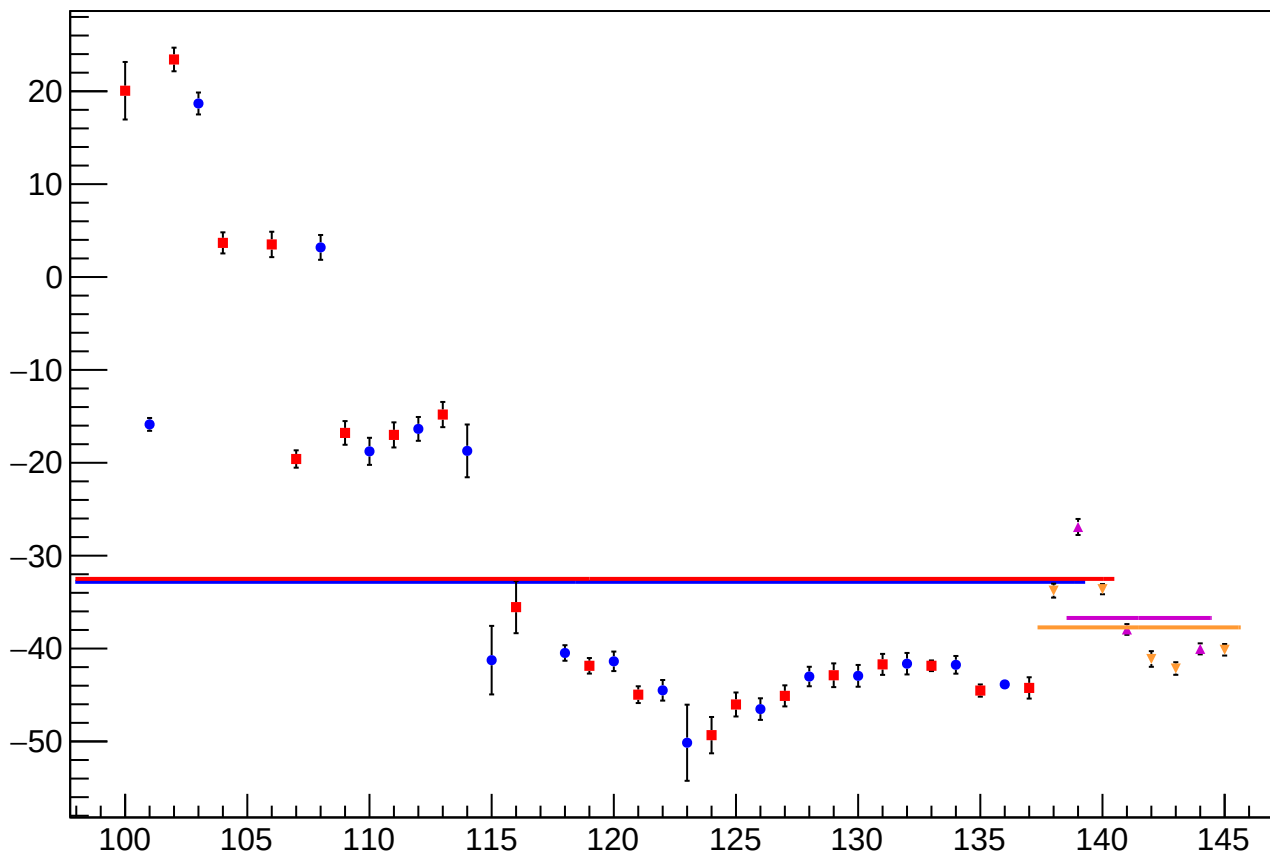
Right: 2.472 ± 0.280 χ^2/NDF : 98.9/35

In: -2.176 ± 0.272 χ^2/NDF : 268.9/19

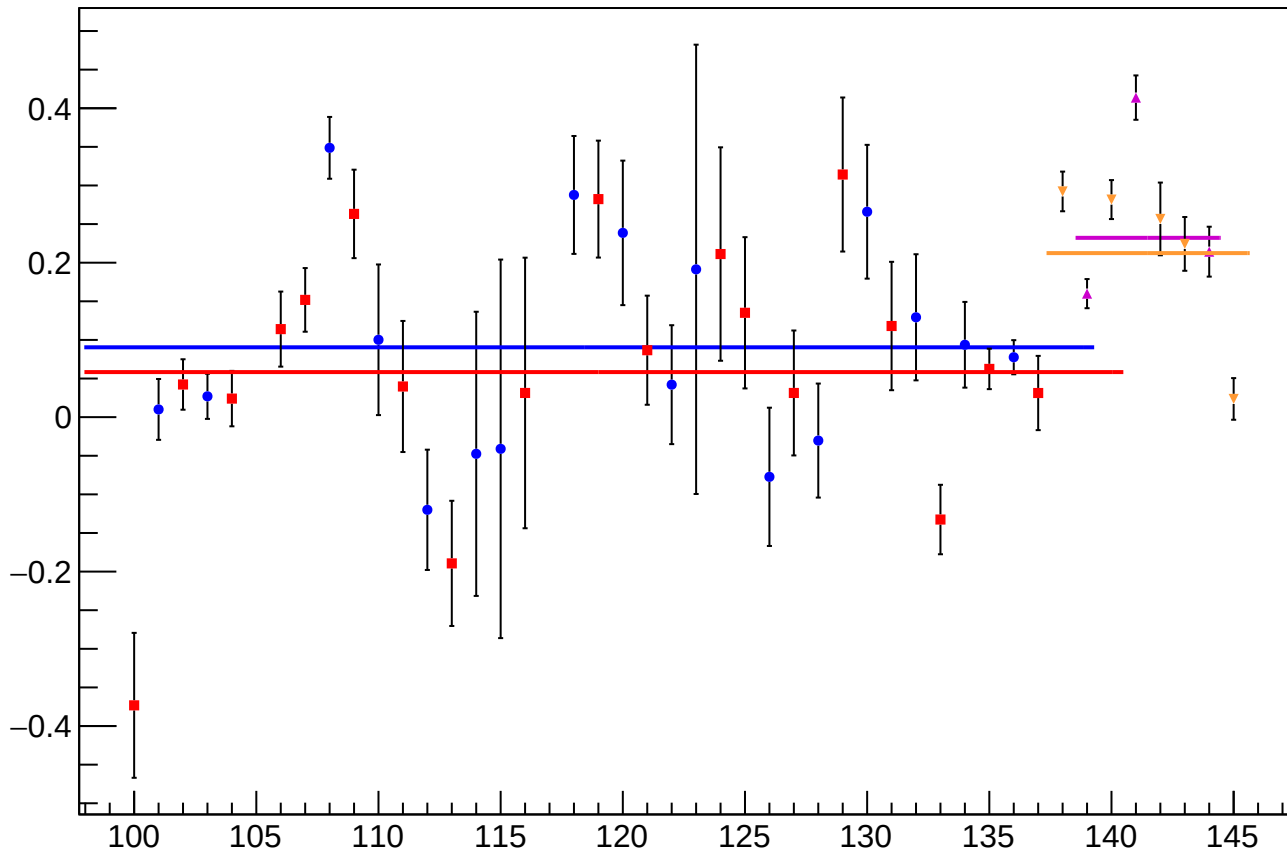
Out: -2.854 ± 0.250 χ^2/NDF : 435.4/23

All: -2.544 ± 0.184 χ^2/NDF : 707.6/43

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.212 ± 0.013 χ^2/NDF : 67.2/4

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.3/18

Left In: 0.232 ± 0.014 χ^2/NDF : 54.9/2

Left: 0.222 ± 0.010 χ^2/NDF : 123.2/7

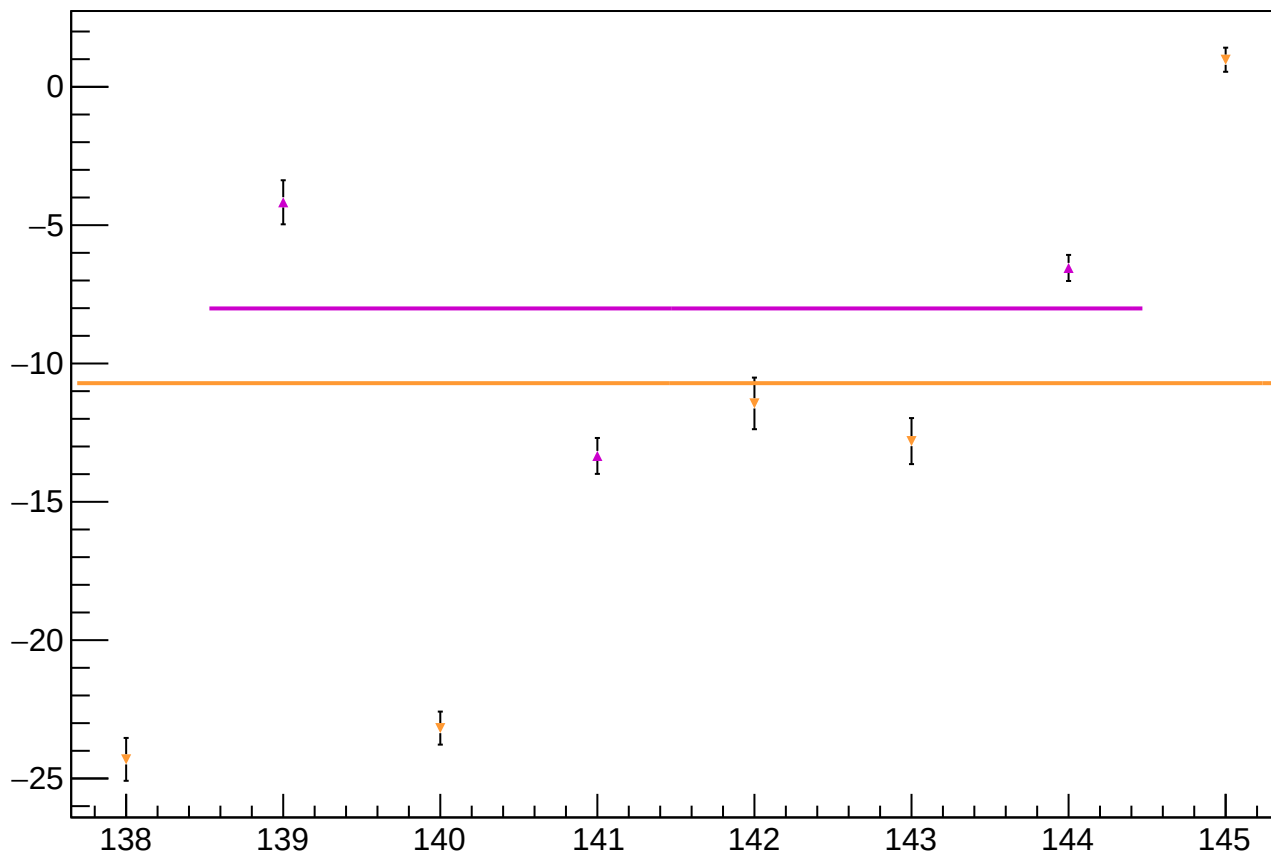
Right: 0.074 ± 0.009 χ^2/NDF : 169.9/35

In: 0.154 ± 0.009 χ^2/NDF : 189.6/19

Out: 0.129 ± 0.009 χ^2/NDF : 228.3/23

All: 0.141 ± 0.006 χ^2/NDF : 421.5/43

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.711+/-0.285 χ^2/NDF :1470.9/4

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

Left In: -8.010+/-0.344 χ^2/NDF :100.3/2

Left: -9.612+/-0.219 χ^2/NDF : 1607.8/7

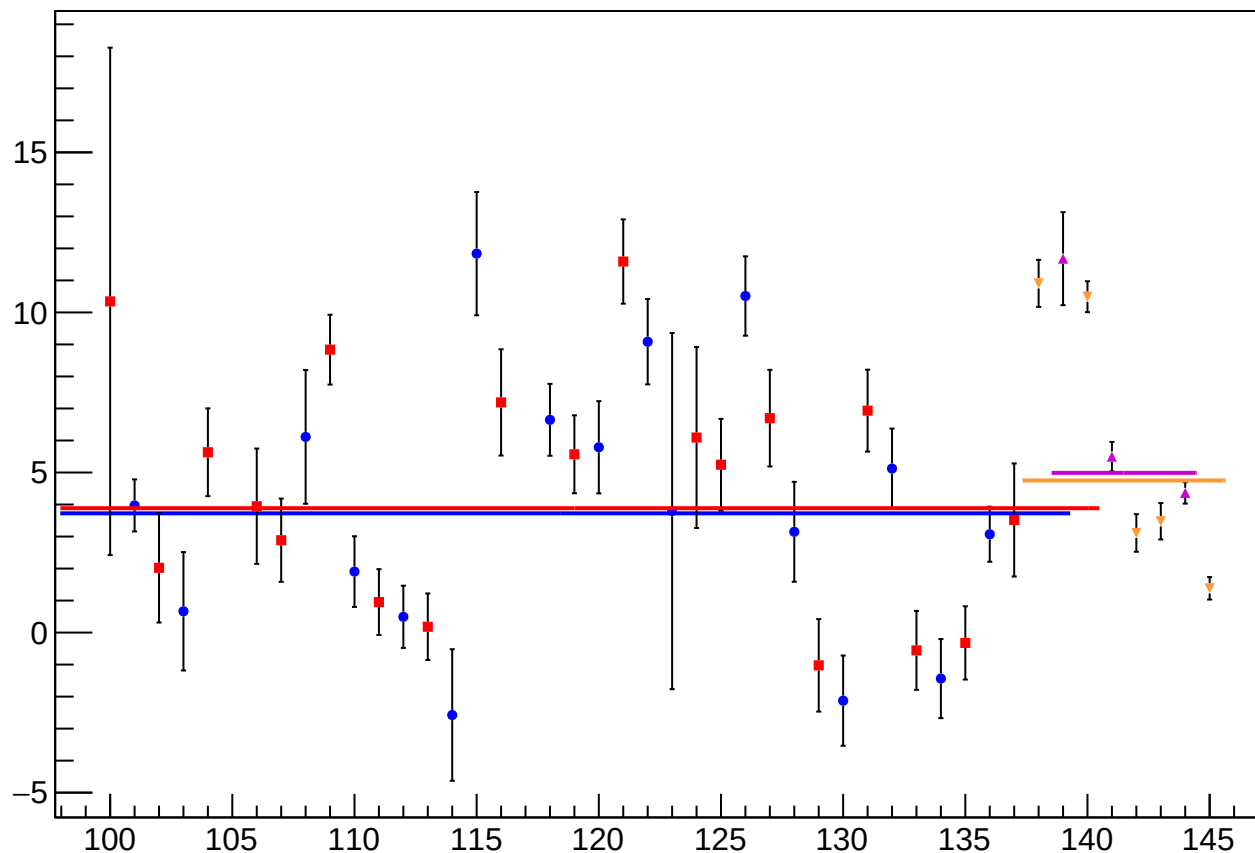
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.010+/-0.344 χ^2/NDF :100.3/2

Out: -10.711+/-0.285 χ^2/NDF :1470.9/4

All: -9.612+/-0.219 χ^2/NDF : 1607.8/7

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 4.752 ± 0.222 χ^2/NDF : 316.8/4

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

Left In: 4.990 ± 0.266 χ^2/NDF : 25.9/2

Left: 4.849 ± 0.171 χ^2/NDF : 343.2/7

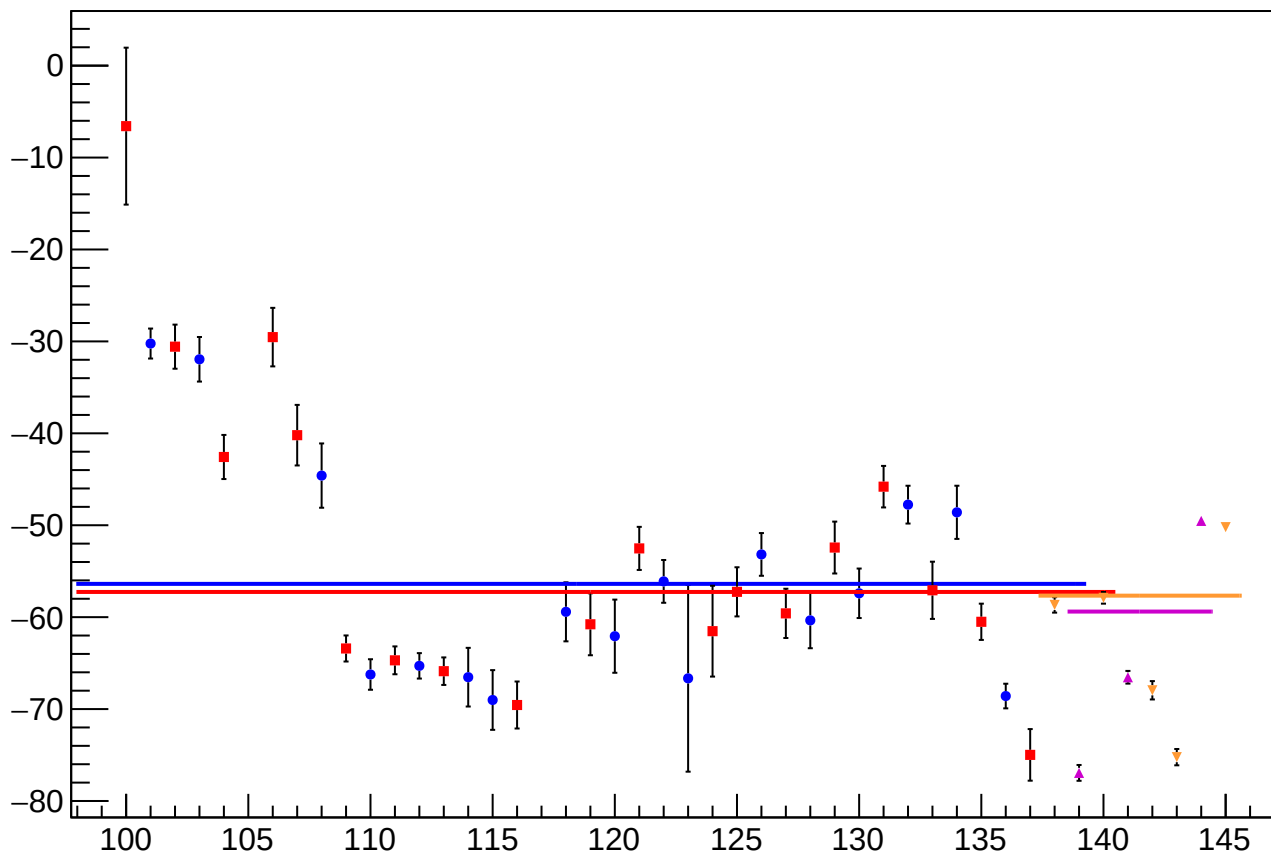
Right: 3.803 ± 0.221 χ^2/NDF : 271.3/35

In: 4.450 ± 0.202 χ^2/NDF : 172.3/19

Out: 4.465 ± 0.182 χ^2/NDF : 456.2/23

All: 4.458 ± 0.135 χ^2/NDF : 628.5/43

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 ± 0.542 $\chi^2/\text{NDF}: 587.4/16$

Left Out: -57.661 ± 0.304 $\chi^2/\text{NDF}: 758.0/4$

Right Out: -57.258 ± 0.536 $\chi^2/\text{NDF}: 476.1/18$

Left In: -59.392 ± 0.368 $\chi^2/\text{NDF}: 904.7/2$

Left: -58.362 ± 0.234 $\chi^2/\text{NDF}: 1675.8/7$

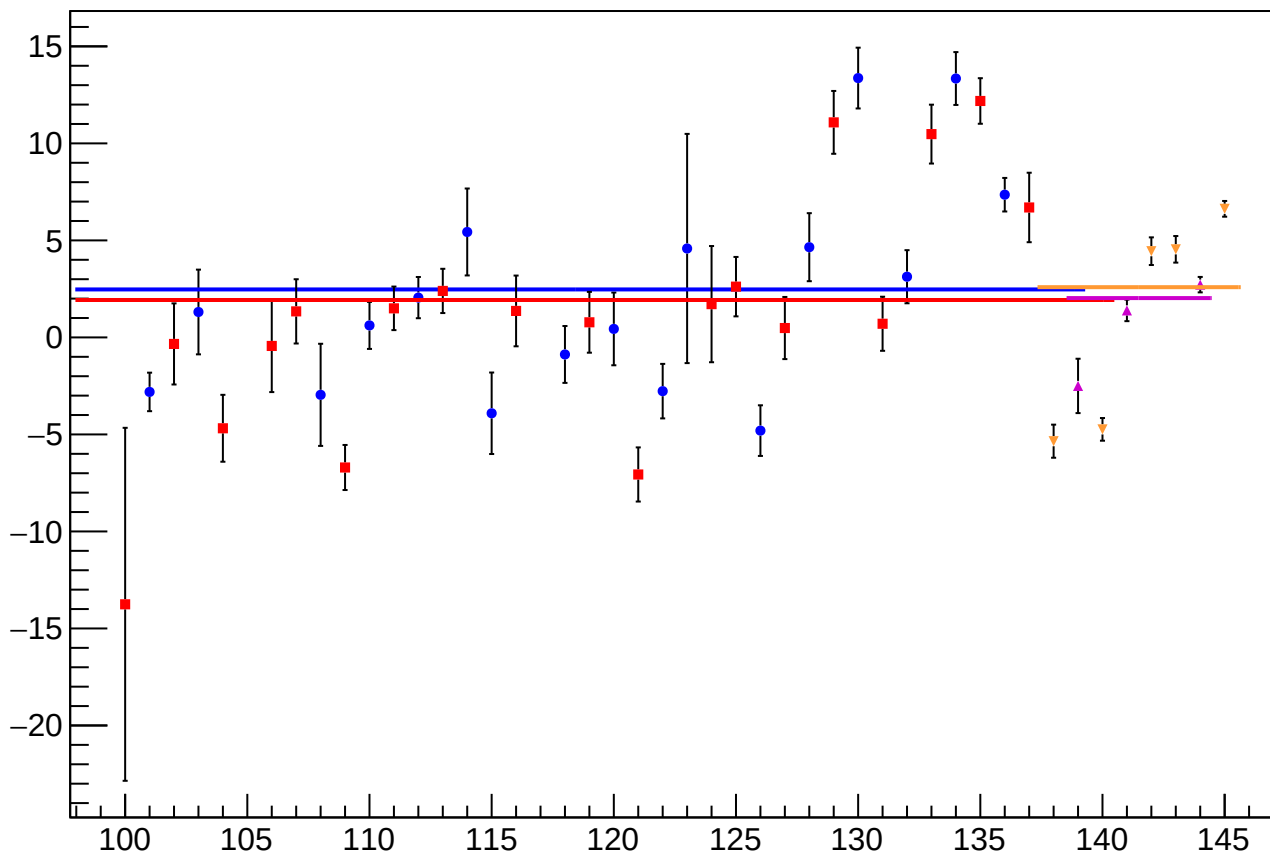
Right: -56.823 ± 0.381 $\chi^2/\text{NDF}: 1064.8/35$

In: -58.440 ± 0.305 $\chi^2/\text{NDF}: 1513.2/19$

Out: -57.562 ± 0.264 $\chi^2/\text{NDF}: 1234.5/23$

All: -57.939 ± 0.200 $\chi^2/\text{NDF}: 2752.4/43$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 2.589 ± 0.263 χ^2/NDF : 358.1/4

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

Left In: 2.027 ± 0.315 χ^2/NDF : 14.8/2

Left: 2.358 ± 0.202 χ^2/NDF : 374.8/7

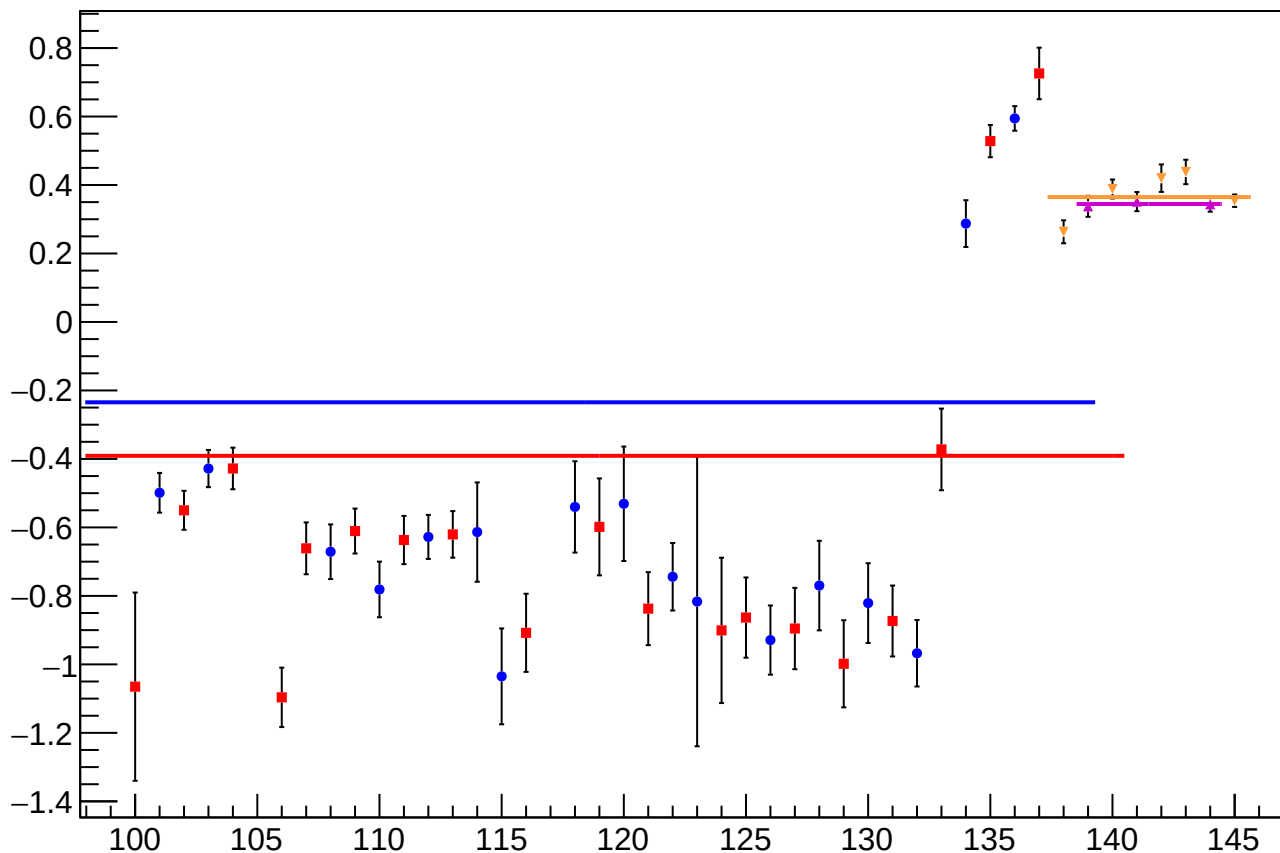
Right: 2.208 ± 0.248 χ^2/NDF : 511.4/35

In: 2.229 ± 0.233 χ^2/NDF : 259.3/19

Out: 2.355 ± 0.211 χ^2/NDF : 627.0/23

All: 2.298 ± 0.156 χ^2/NDF : 886.4/43

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.365 ± 0.012 χ^2/NDF : 16.3/4

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

Left In: 0.345 ± 0.015 χ^2/NDF : 0.1/2

Left: 0.357 ± 0.009 χ^2/NDF : 17.5/7

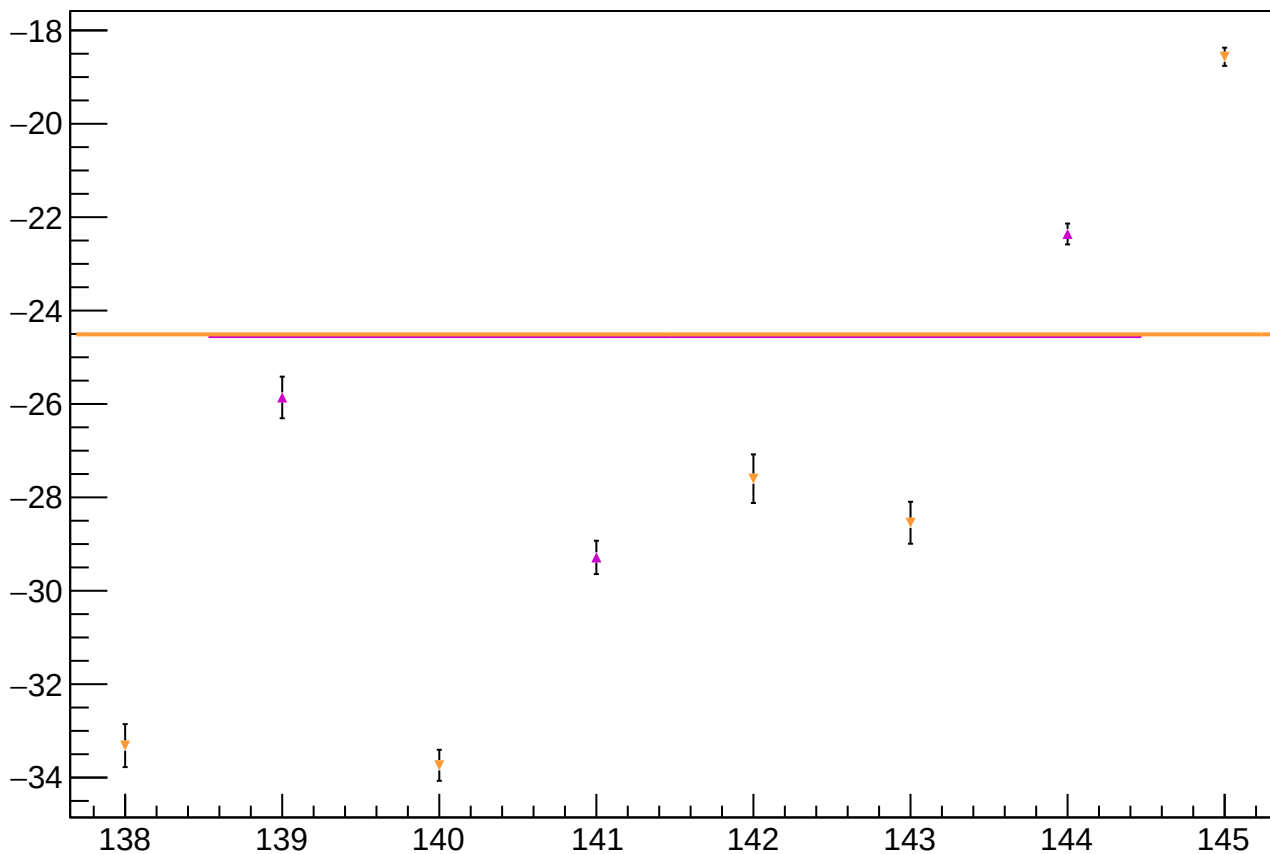
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: 0.121 ± 0.012 χ^2/NDF : 1536.6/19

Out: 0.141 ± 0.010 χ^2/NDF : 1988.3/23

All: 0.132 ± 0.008 χ^2/NDF : 3526.7/43

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -24.510+/-0.143 χ^2/NDF :2186.2/4

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

Left In: -24.546+/-0.174 χ^2/NDF :280.8/2

Left: -24.525+/-0.111 χ^2/NDF : 2467.1/7

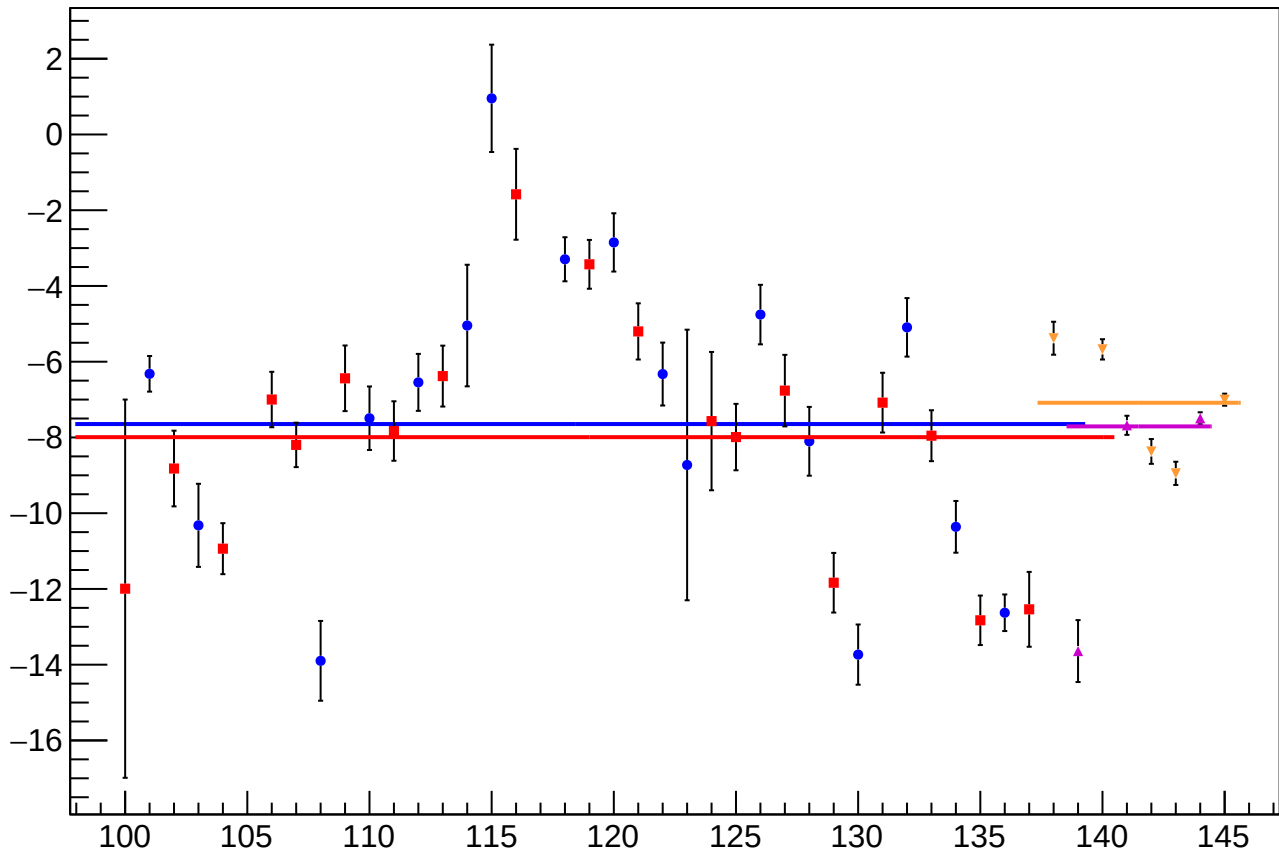
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.546+/-0.174 χ^2/NDF :280.8/2

Out: -24.510+/-0.143 χ^2/NDF :2186.2/4

All: -24.525+/-0.111 χ^2/NDF : 2467.1/7

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.084 ± 0.113 χ^2/NDF : 95.6/4

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

Left In: -7.708 ± 0.133 χ^2/NDF : 54.5/2

Left: -7.346 ± 0.086 χ^2/NDF : 162.9/7

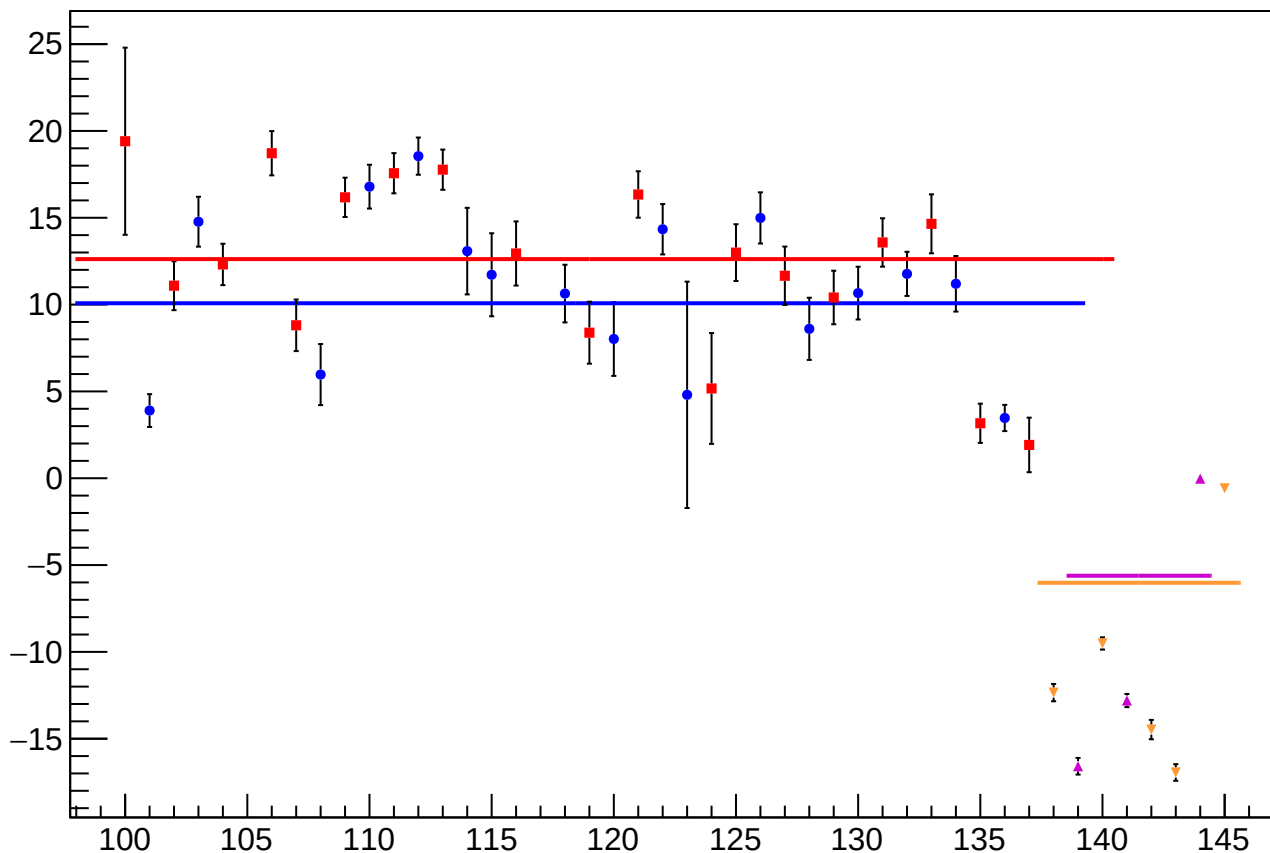
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.687 ± 0.108 χ^2/NDF : 448.2/19

Out: -7.329 ± 0.096 χ^2/NDF : 338.5/23

All: -7.488 ± 0.072 χ^2/NDF : 792.8/43

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: -6.020 ± 0.152 $\chi^2/\text{NDF}: 1707.1/4$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

Left In: -5.614 ± 0.187 $\chi^2/\text{NDF}: 1423.8/2$

Left: -5.858 ± 0.118 $\chi^2/\text{NDF}: 3133.7/7$

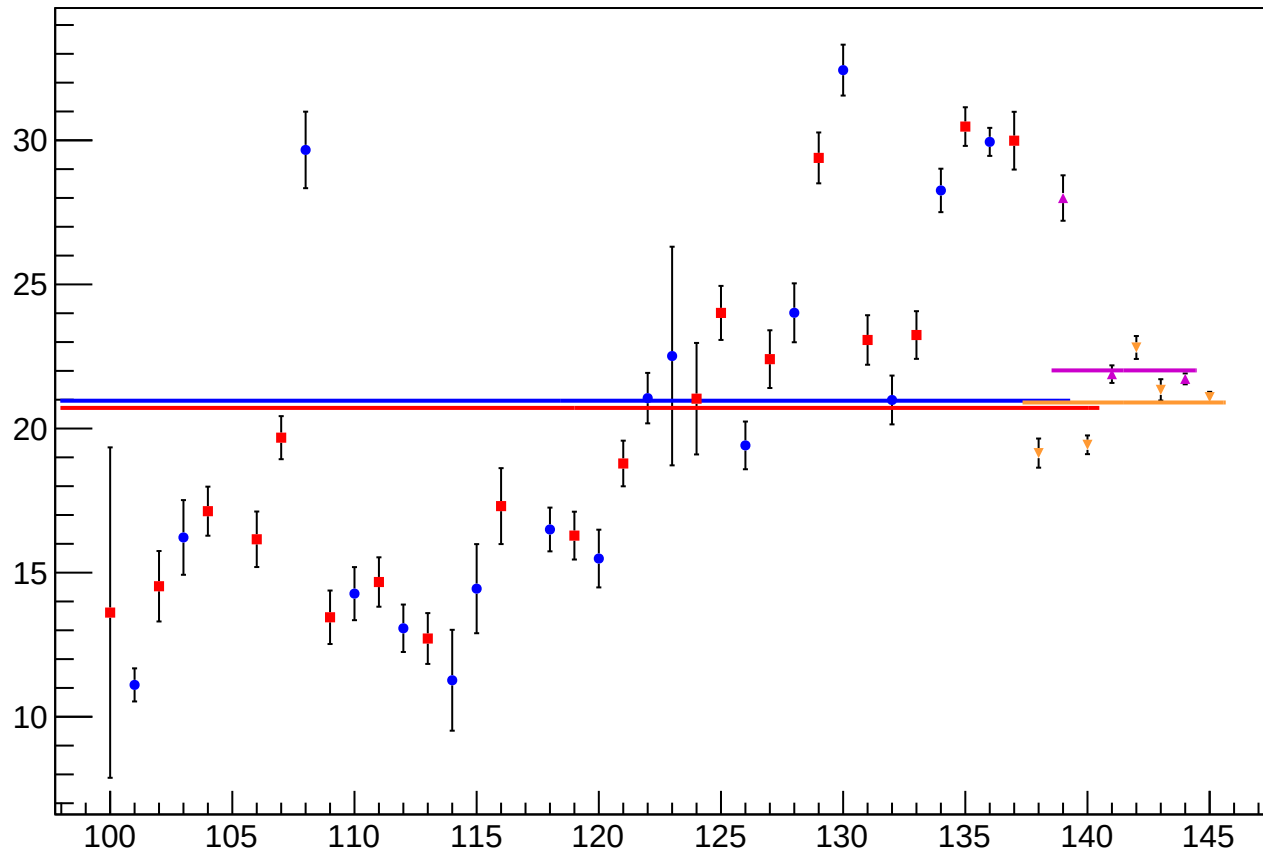
Right: 11.365 ± 0.237 $\chi^2/\text{NDF}: 501.6/35$

In: -1.925 ± 0.163 $\chi^2/\text{NDF}: 3337.1/19$

Out: -2.790 ± 0.138 $\chi^2/\text{NDF}: 4526.2/23$

All: -2.428 ± 0.106 $\chi^2/\text{NDF}: 7879.6/43$

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: 20.903 $\pm$ 0.133 χ^2/NDF : 57.9/4

Right Out: 20.716 $\pm$ 0.213 χ^2/NDF : 729.9/18

Left In: 22.017 $\pm$ 0.157 χ^2/NDF : 60.1/2

Left: 21.367 $\pm$ 0.101 χ^2/NDF : 147.3/7

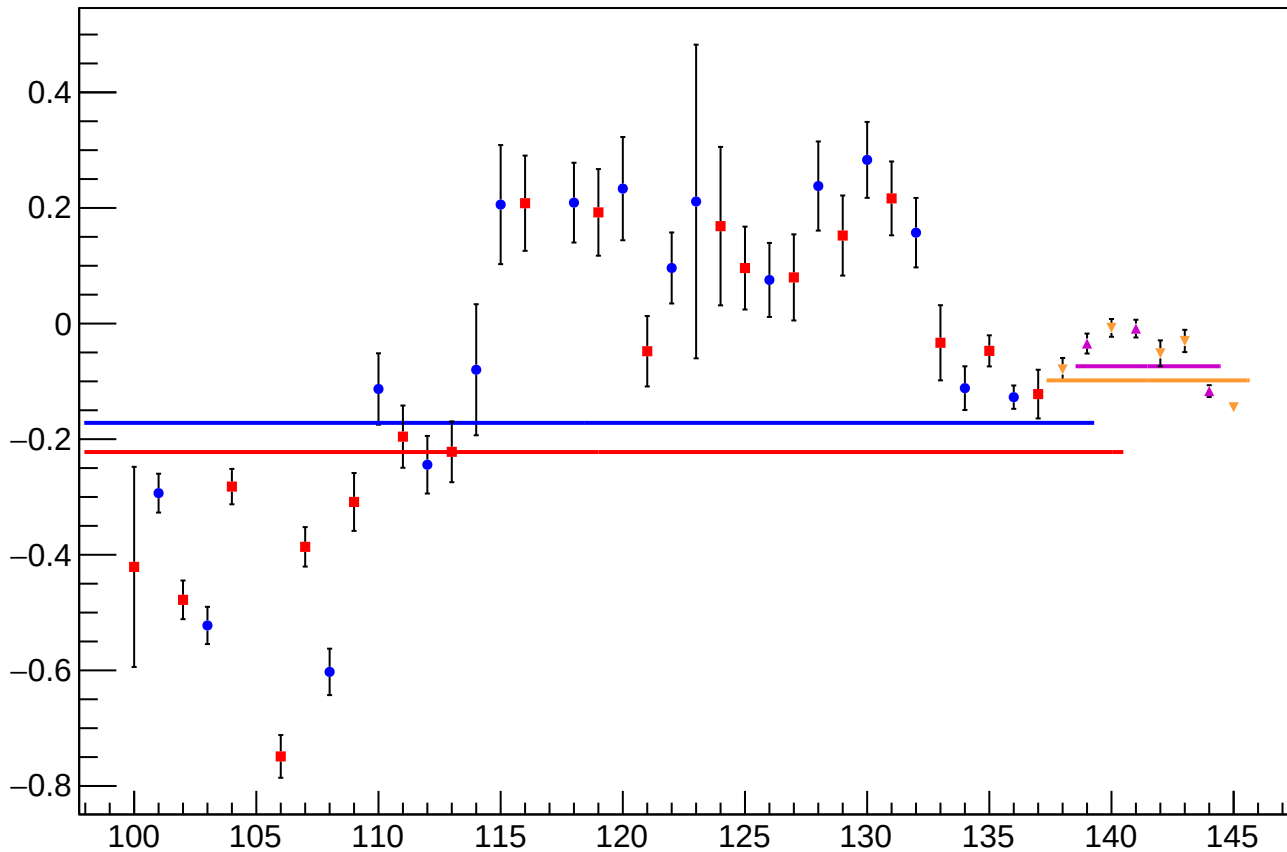
Right: 20.842 $\pm$ 0.149 χ^2/NDF : 1956.1/35

In: 21.637 $\pm$ 0.126 χ^2/NDF : 1301.7/19

Out: 20.851 $\pm$ 0.113 χ^2/NDF : 788.4/23

All: 21.201 $\pm$ 0.084 χ^2/NDF : 2111.8/43

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.172 $\pm$ 0.011 χ^2 /NDF: 464.2/16

Left Out: -0.098 $\pm$ 0.006 χ^2 /NDF:85.6/4

Right Out: -0.222 $\pm$ 0.011 χ^2 /NDF: 536.1/18

Left In: -0.074 $\pm$ 0.008 χ^2 /NDF:40.8/2

Left: -0.089 $\pm$ 0.005 χ^2 /NDF: 132.7/7

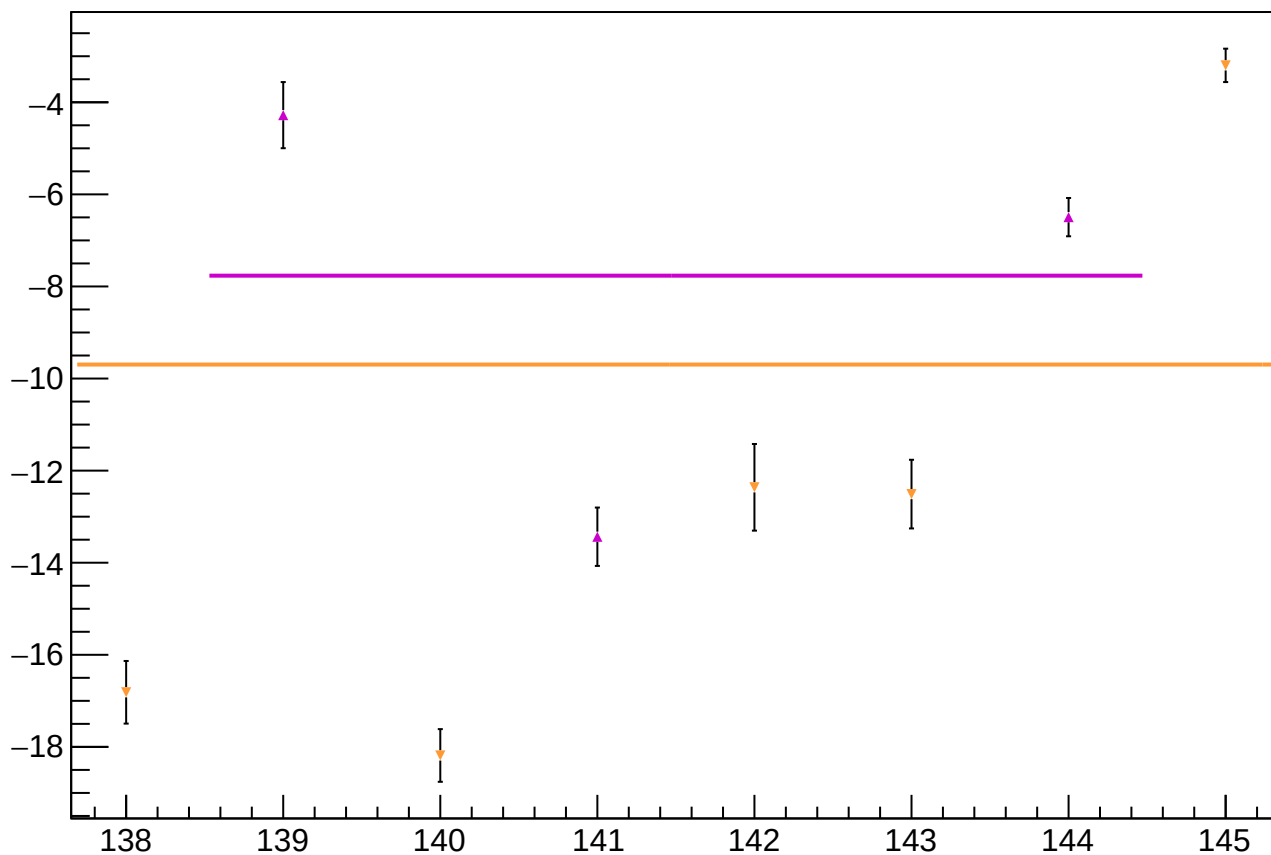
Right: -0.198 $\pm$ 0.008 χ^2 /NDF: 1010.7/35

In: -0.105 $\pm$ 0.006 χ^2 /NDF:557.3/19

Out: -0.128 $\pm$ 0.005 χ^2 /NDF:719.4/23

All: -0.118 $\pm$ 0.004 χ^2 /NDF: 1284.3/43

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.696+/-0.252 χ^2/NDF : 673.1/4

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

Left In: -7.766+/-0.313 χ^2/NDF : 112.9/2

Left: -8.937+/-0.196 χ^2/NDF : 809.0/7

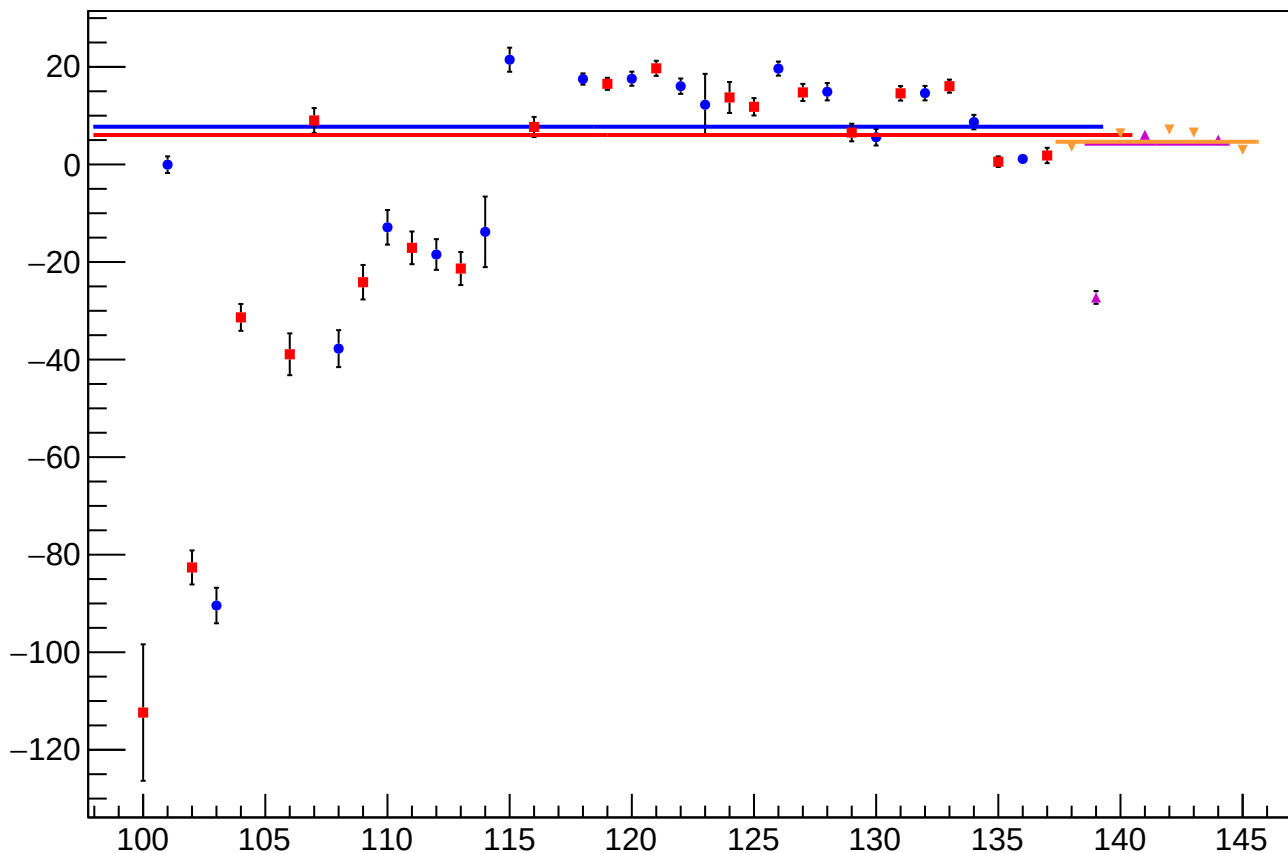
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.766+/-0.313 χ^2/NDF : 112.9/2

Out: -9.696+/-0.252 χ^2/NDF : 673.1/4

All: -8.937+/-0.196 χ^2/NDF : 809.0/7

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 4.650 ± 0.197 χ^2/NDF : 80.9/4

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

Left In: 4.253 ± 0.243 χ^2/NDF : 605.9/2

Left: 4.493 ± 0.153 χ^2/NDF : 688.3/7

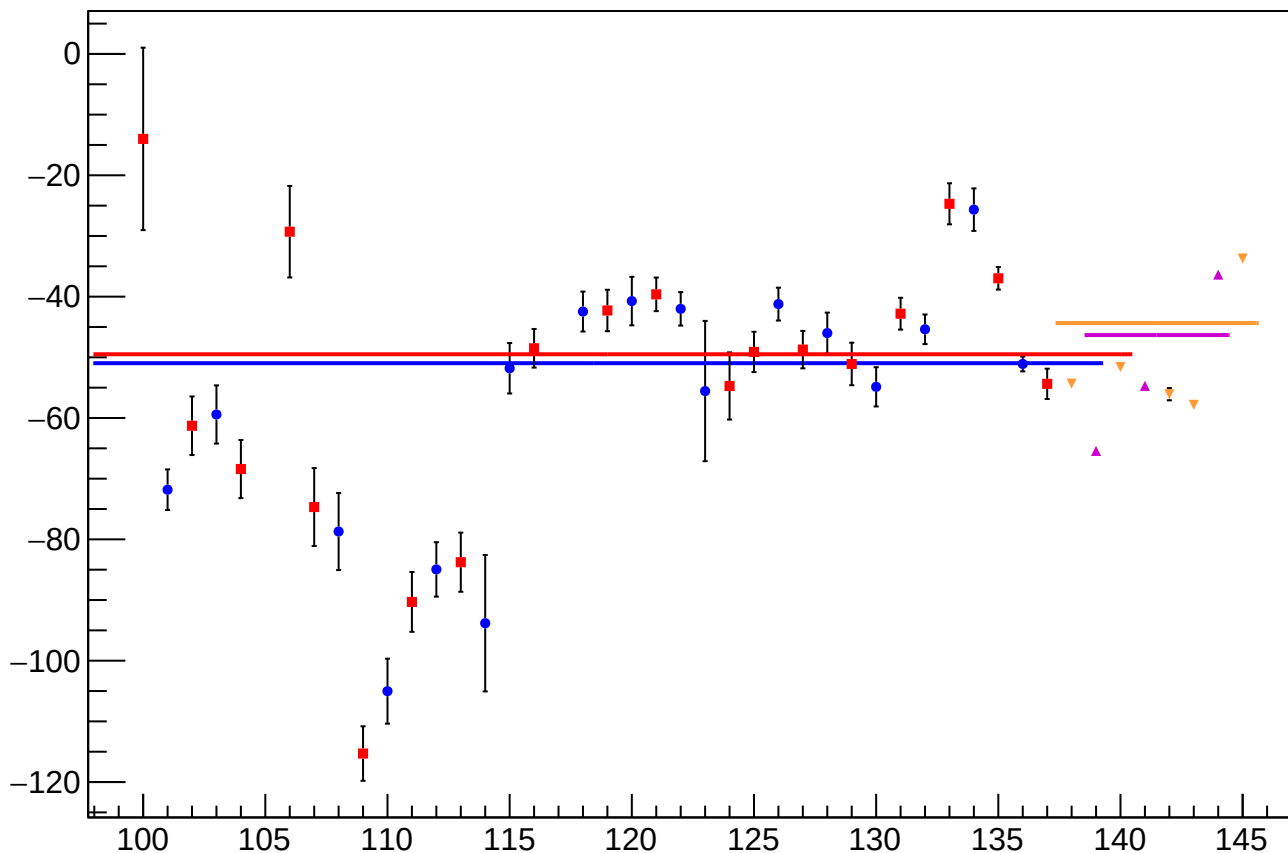
Right: 6.952 ± 0.295 χ^2/NDF : 2878.8/35

In: 5.184 ± 0.208 χ^2/NDF : 2019.1/19

Out: 4.888 ± 0.180 χ^2/NDF : 1601.5/23

All: 5.014 ± 0.136 χ^2/NDF : 3621.8/43

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -44.351 ± 0.270 χ^2/NDF : 1500.9/4

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

Left In: -46.332 ± 0.335 χ^2/NDF : 1258.6/2

Left: -45.128 ± 0.210 χ^2/NDF : 2780.7/7

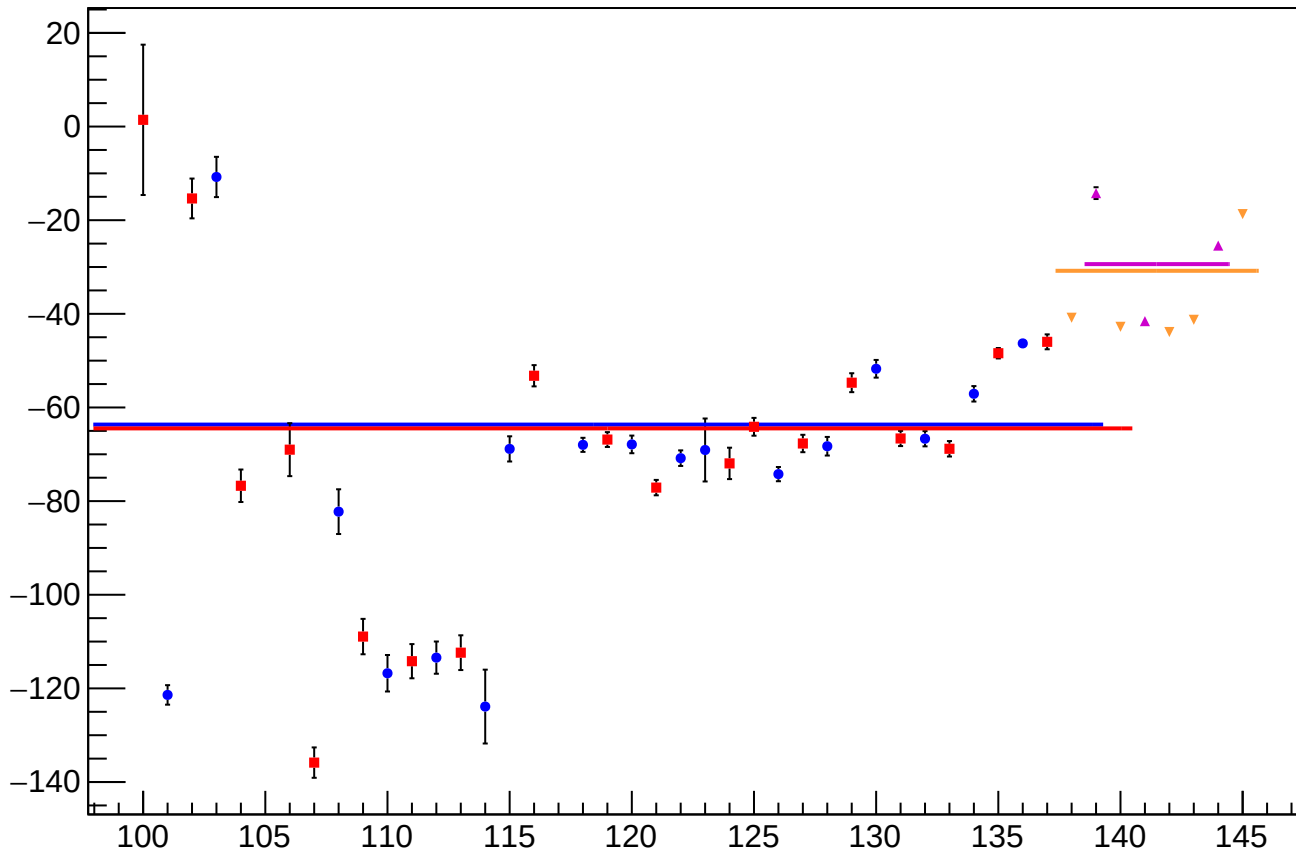
Right: -50.288 ± 0.541 χ^2/NDF : 844.9/35

In: -47.126 ± 0.305 χ^2/NDF : 1624.0/19

Out: -44.879 ± 0.255 χ^2/NDF : 2048.7/23

All: -45.804 ± 0.196 χ^2/NDF : 3704.5/43

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 $\pm$ 0.445 χ^2 /NDF: 2014.7/16

Left Out: -30.808 $\pm$ 0.233 χ^2 /NDF:2565.6/4

Right Out: -64.470 $\pm$ 0.483 χ^2 /NDF: 1606.8/18

Left In: -29.380 $\pm$ 0.287 χ^2 /NDF:775.9/2

Left: -30.243 $\pm$ 0.181 χ^2 /NDF: 3356.4/7

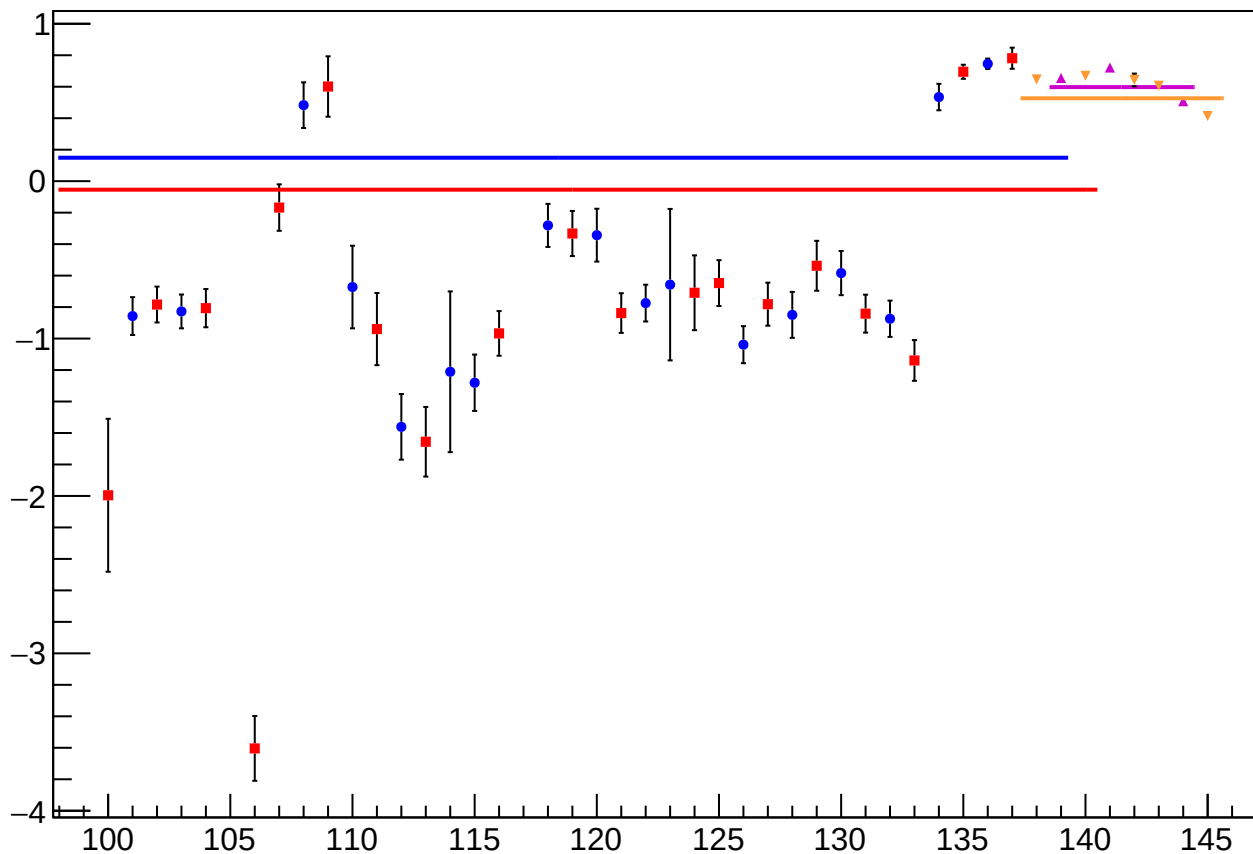
Right: -64.030 $\pm$ 0.327 χ^2 /NDF: 3623.1/35

In: -39.461 $\pm$ 0.242 χ^2 /NDF:6971.8/19

Out: -37.156 $\pm$ 0.210 χ^2 /NDF:8121.8/23

All: -38.146 $\pm$ 0.158 χ^2 /NDF: 15145.5/43

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: 0.527 $\pm$ 0.011 χ^2 /NDF:115.2/4

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

Left In: 0.598 $\pm$ 0.014 χ^2 /NDF:47.1/2

Left: 0.554 $\pm$ 0.008 χ^2 /NDF: 178.9/7

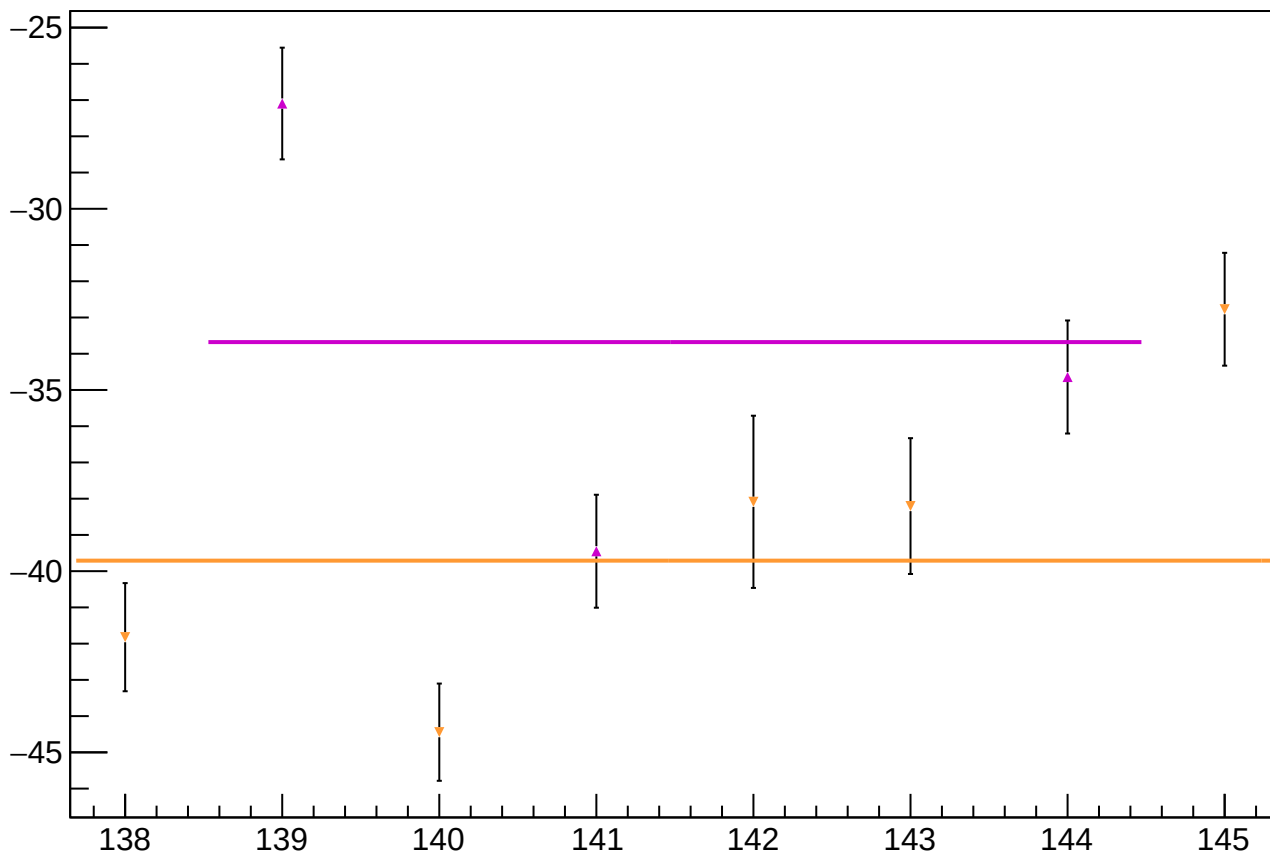
Right: 0.056 $\pm$ 0.018 χ^2 /NDF: 2190.5/35

In: 0.488 $\pm$ 0.012 χ^2 /NDF:1301.7/19

Out: 0.442 $\pm$ 0.010 χ^2 /NDF:1702.4/23

All: 0.461 $\pm$ 0.008 χ^2 /NDF: 3013.1/43

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -39.710+/-0.729 χ^2/NDF :35.4/4

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

Left In: -33.679+/-0.897 χ^2/NDF :32.3/2

Left: -37.308+/-0.566 χ^2/NDF : 95.0/7

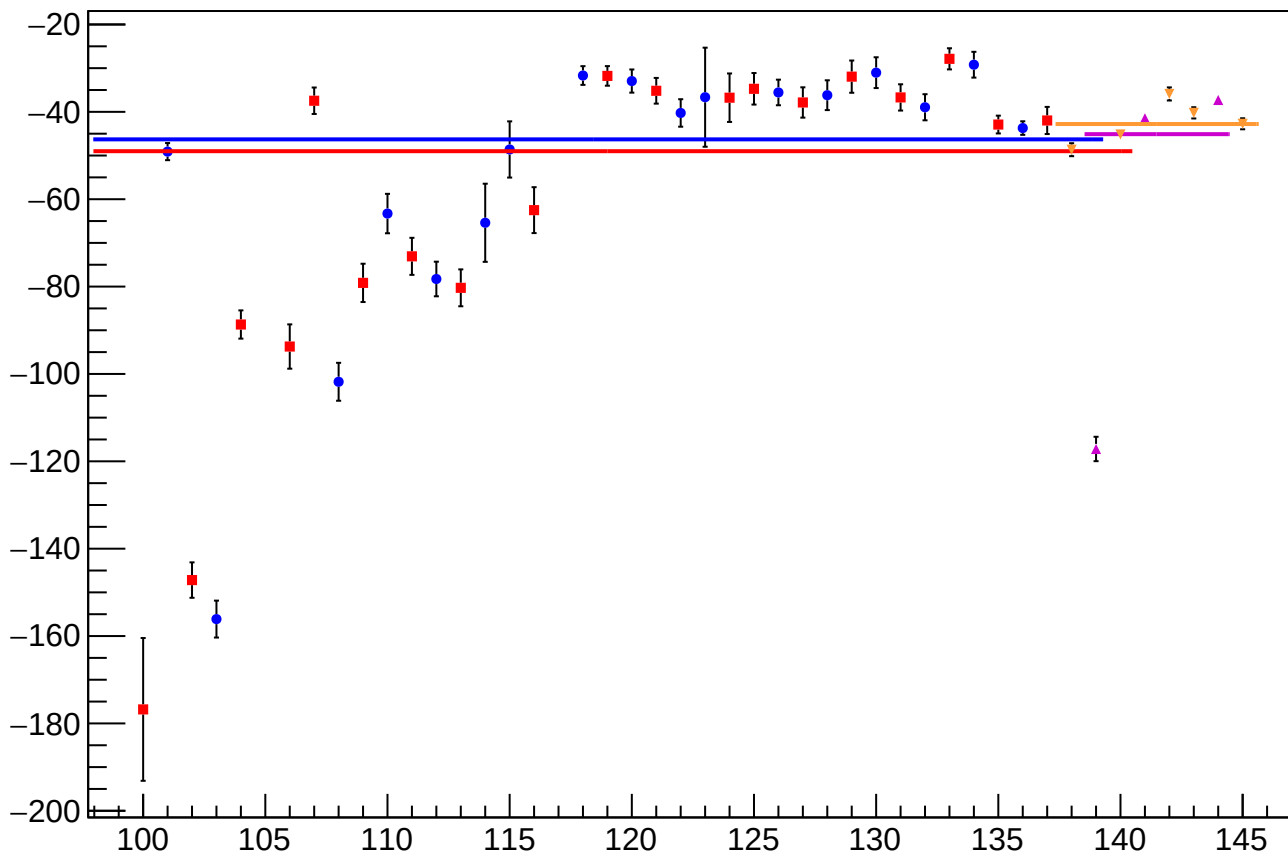
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.679+/-0.897 χ^2/NDF :32.3/2

Out: -39.710+/-0.729 χ^2/NDF :35.4/4

All: -37.308+/-0.566 χ^2/NDF : 95.0/7

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -42.788 ± 0.582 $\chi^2/\text{NDF}: 45.4/4$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

Left In: -45.107 ± 0.757 $\chi^2/\text{NDF}: 726.2/2$

Left: -43.648 ± 0.461 $\chi^2/\text{NDF}: 777.5/7$

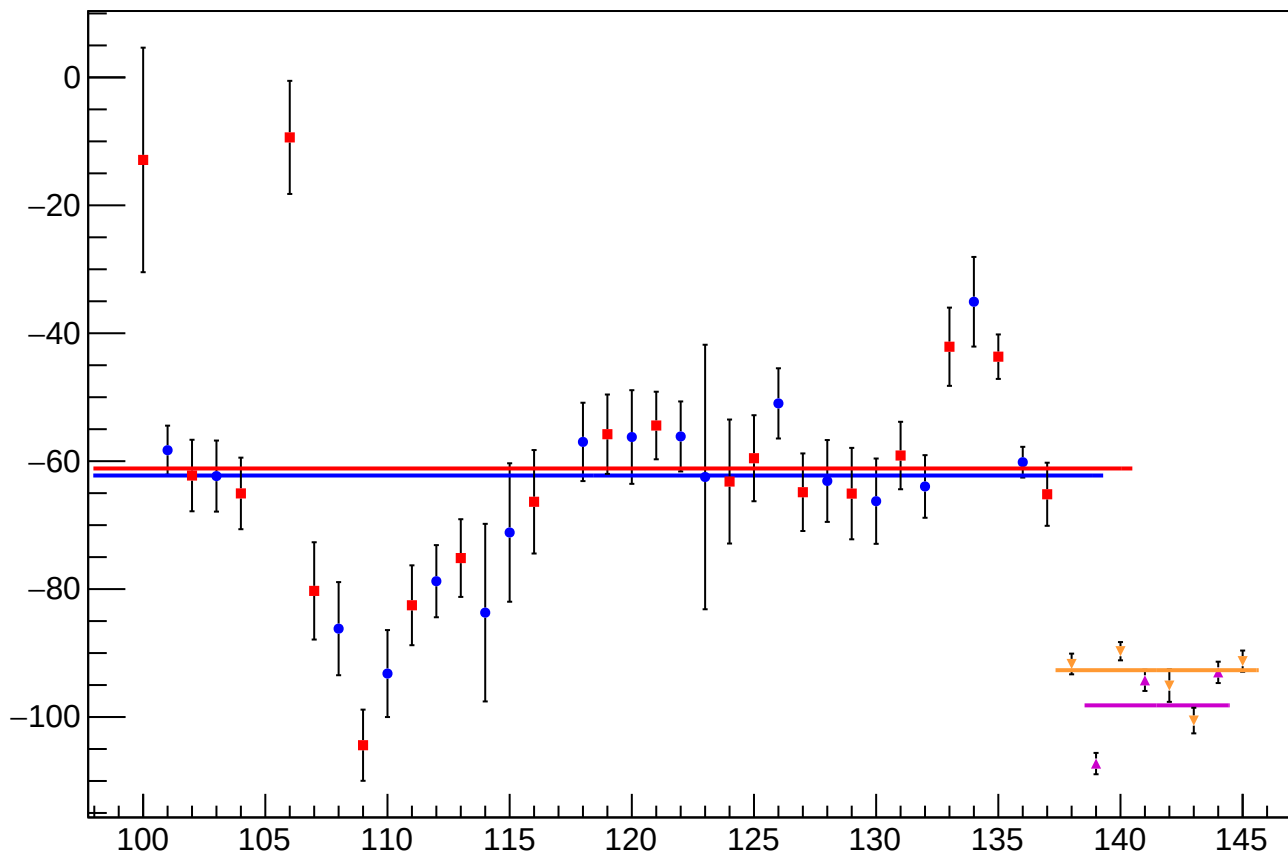
Right: -47.580 ± 0.525 $\chi^2/\text{NDF}: 2362.3/35$

In: -45.731 ± 0.523 $\chi^2/\text{NDF}: 1811.6/19$

Out: -45.071 ± 0.463 $\chi^2/\text{NDF}: 1359.0/23$

All: -45.361 ± 0.347 $\chi^2/\text{NDF}: 3171.4/43$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -92.678 ± 0.780 χ^2/NDF : 21.8/4

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

Left In: -98.177 ± 0.961 χ^2/NDF : 44.9/2

Left: -94.863 ± 0.606 χ^2/NDF : 86.4/7

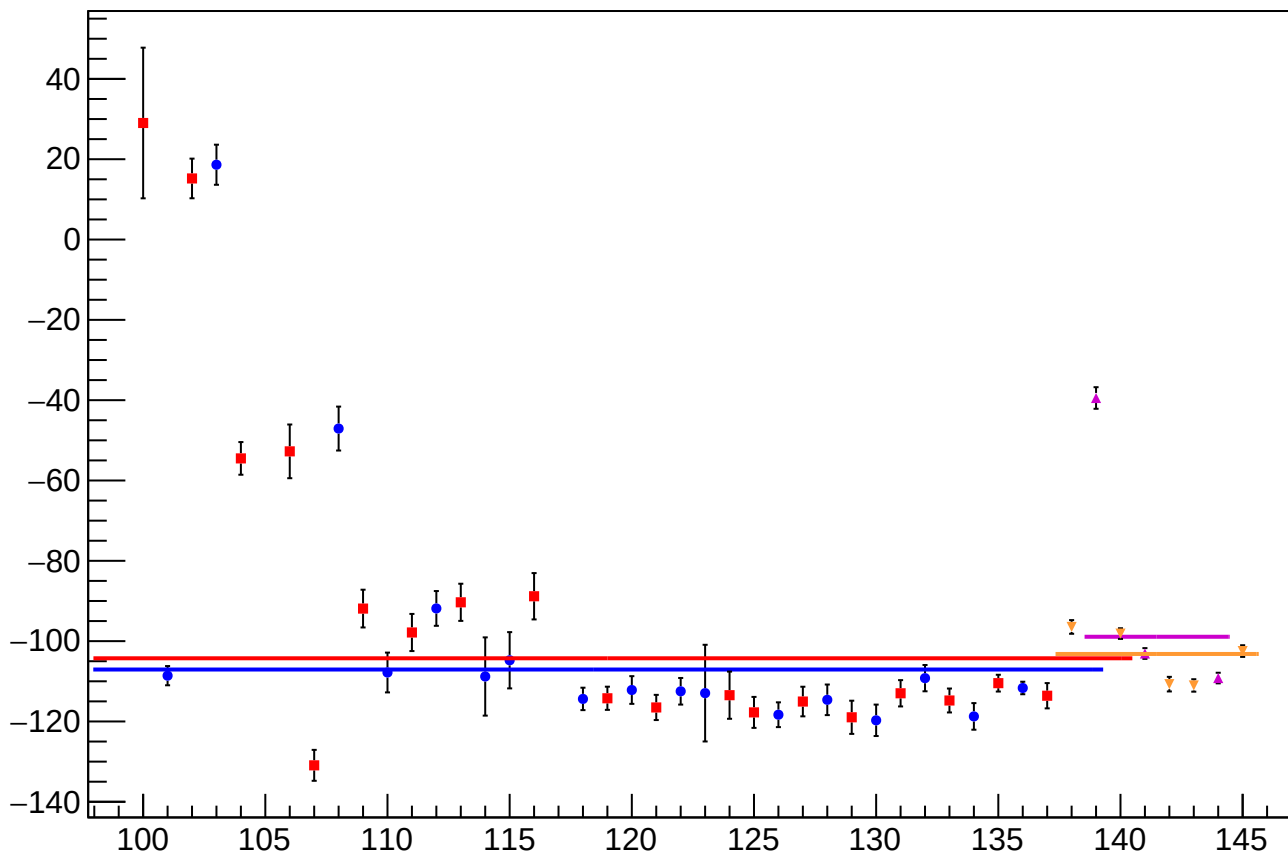
Right: -61.720 ± 0.950 χ^2/NDF : 233.3/35

In: -85.602 ± 0.775 χ^2/NDF : 601.4/19

Out: -85.032 ± 0.679 χ^2/NDF : 583.3/23

All: -85.280 ± 0.511 χ^2/NDF : 1185.0/43

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -103.194 ± 0.689 χ^2/NDF : 73.2/4

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

Left In: -98.908 ± 0.887 χ^2/NDF : 559.1/2

Left: -101.581 ± 0.544 χ^2/NDF : 646.8/7

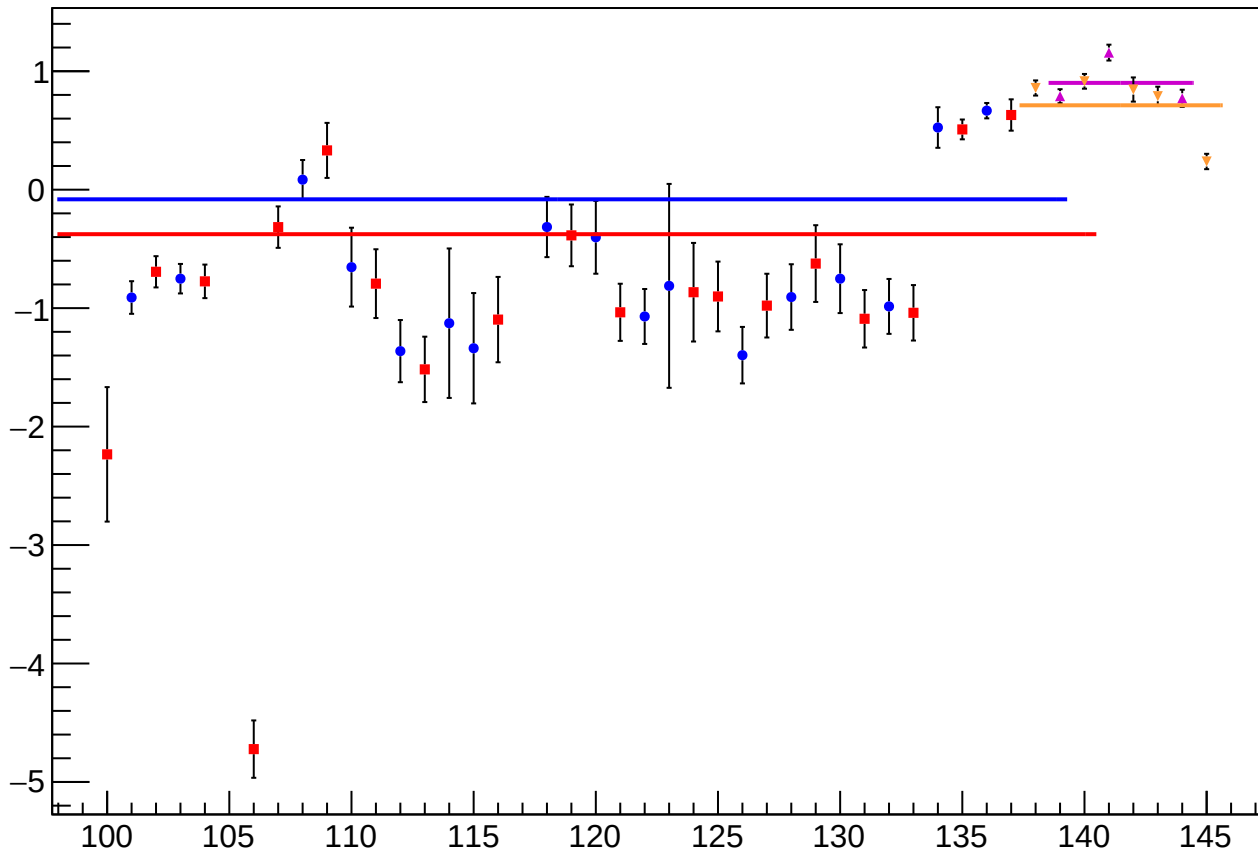
Right: -105.751 ± 0.590 χ^2/NDF : 1852.6/35

In: -103.351 ± 0.599 χ^2/NDF : 1433.5/19

Out: -103.614 ± 0.538 χ^2/NDF : 1092.8/23

All: -103.496 ± 0.400 χ^2/NDF : 2526.4/43

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.712 ± 0.032 χ^2/NDF : 71.9/4

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

Left In: 0.902 ± 0.038 χ^2/NDF : 21.4/2

Left: 0.791 ± 0.024 χ^2/NDF : 108.1/7

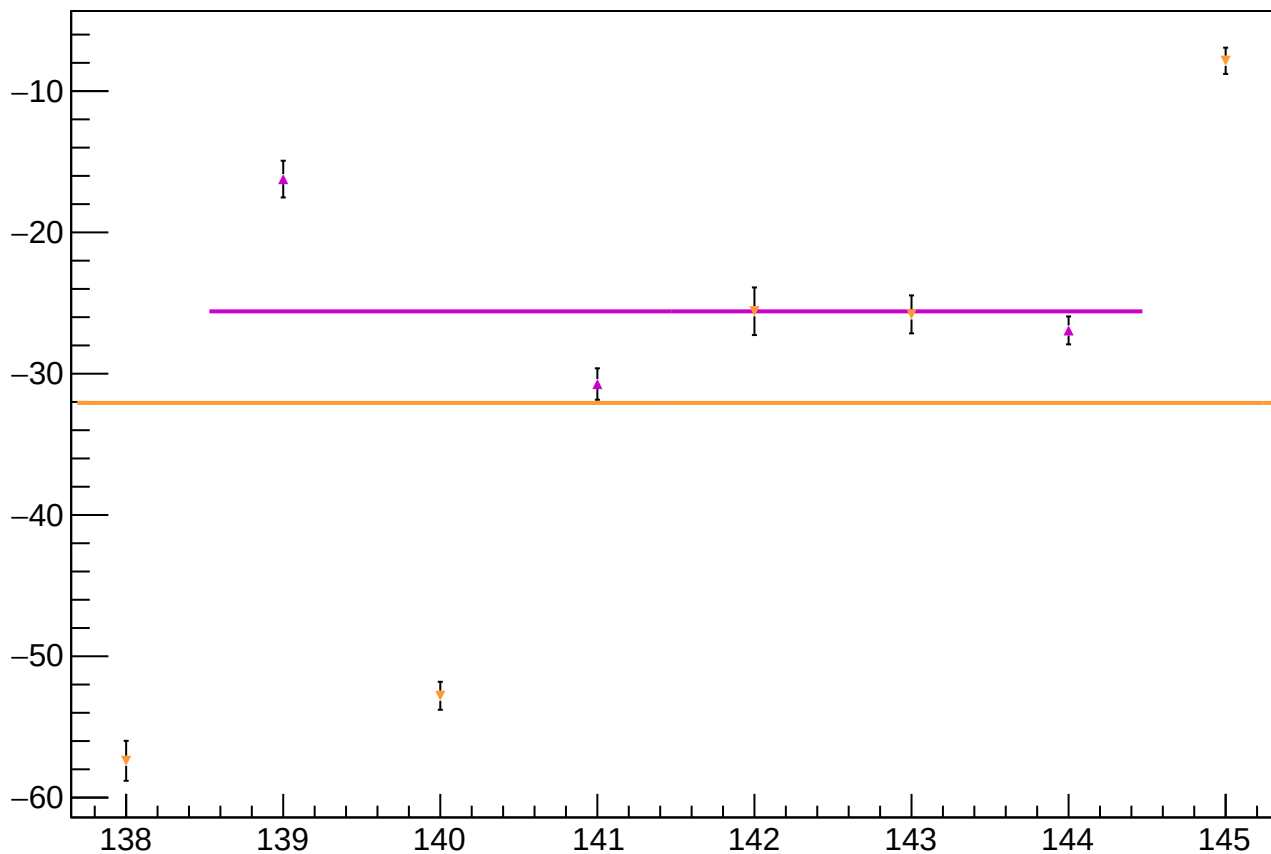
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: 0.464 ± 0.028 χ^2/NDF : 651.7/19

Out: 0.339 ± 0.026 χ^2/NDF : 1058.4/23

All: 0.396 ± 0.019 χ^2/NDF : 1720.9/43

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -32.068+/-0.528 χ^2/NDF :1474.2/4

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

Left In: -25.588+/-0.642 χ^2/NDF :75.1/2

Left: -29.453+/-0.408 χ^2/NDF : 1610.0/7

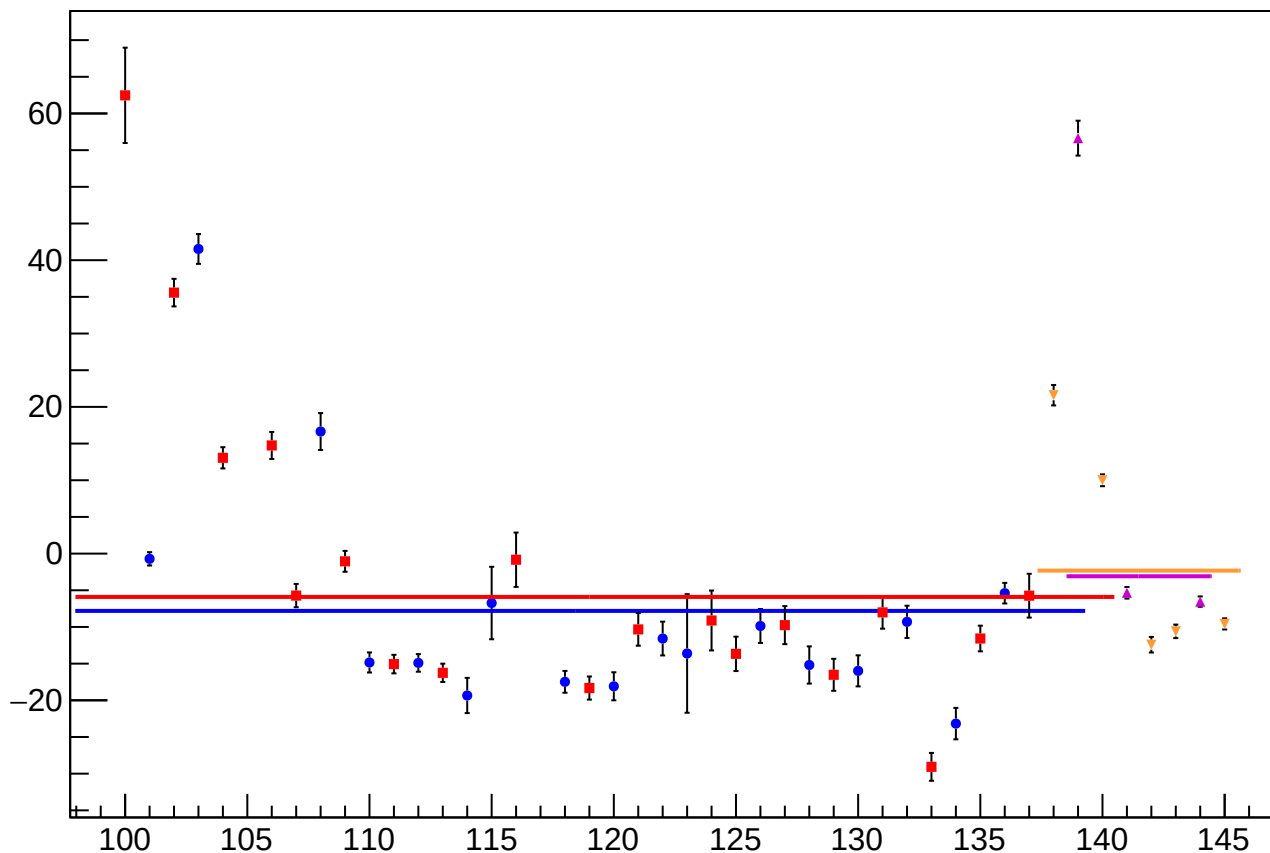
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.588+/-0.642 χ^2/NDF :75.1/2

Out: -32.068+/-0.528 χ^2/NDF :1474.2/4

All: -29.453+/-0.408 χ^2/NDF : 1610.0/7

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812 ± 0.427 $\chi^2/\text{NDF}: 982.8/16$

Left Out: -2.320 ± 0.414 $\chi^2/\text{NDF}: 788.0/4$

Right Out: -5.908 ± 0.429 $\chi^2/\text{NDF}: 1293.1/18$

Left In: -3.091 ± 0.514 $\chi^2/\text{NDF}: 661.5/2$

Left: -2.623 ± 0.323 $\chi^2/\text{NDF}: 1450.9/7$

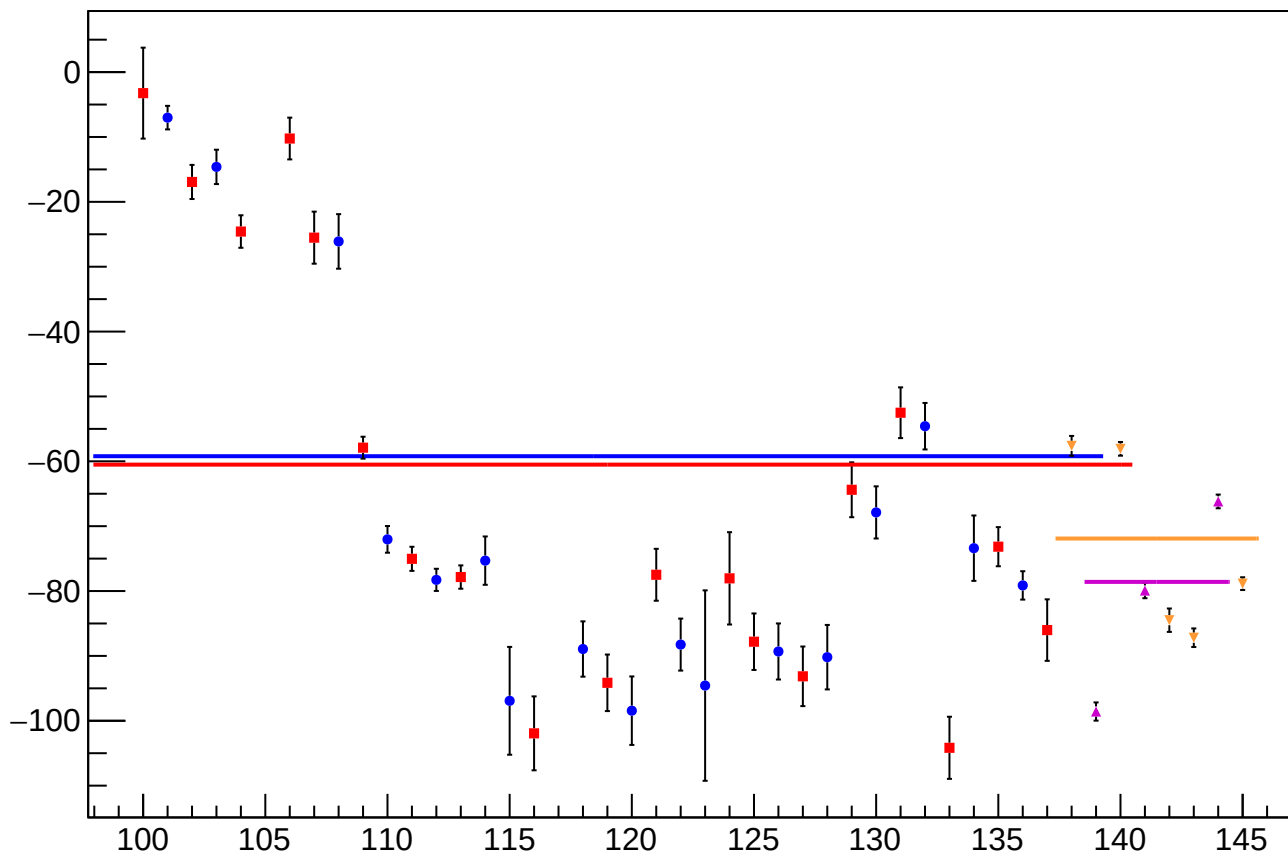
Right: -6.864 ± 0.303 $\chi^2/\text{NDF}: 2285.7/35$

In: -5.883 ± 0.329 $\chi^2/\text{NDF}: 1694.2/19$

Out: -4.051 ± 0.298 $\chi^2/\text{NDF}: 2117.3/23$

All: -4.878 ± 0.221 $\chi^2/\text{NDF}: 3828.5/43$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -71.904 ± 0.563 χ^2/NDF : 471.3/4

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

Left In: -78.589 ± 0.688 χ^2/NDF : 341.4/2

Left: -74.588 ± 0.436 χ^2/NDF : 869.3/7

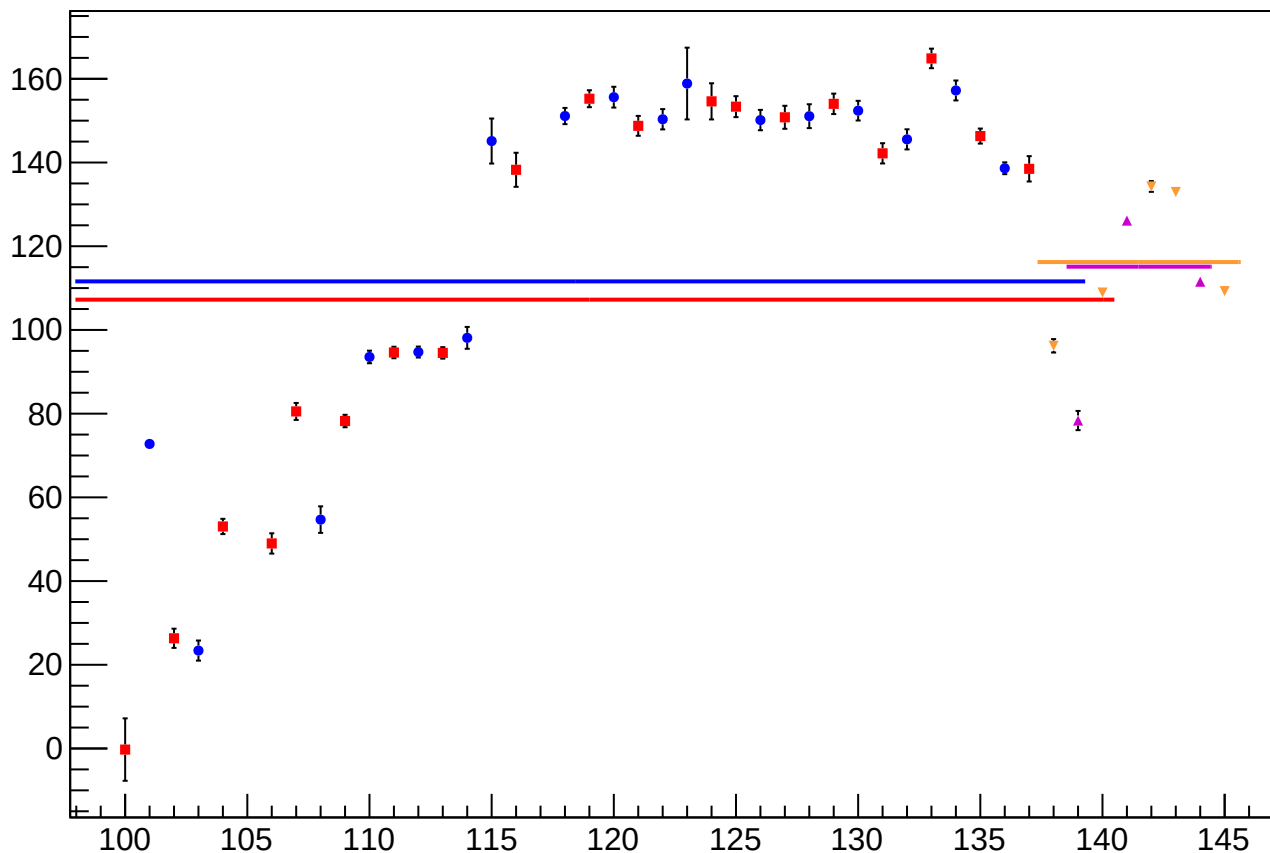
Right: -59.899 ± 0.511 χ^2/NDF : 3105.9/35

In: -69.660 ± 0.505 χ^2/NDF : 2427.7/19

Out: -67.459 ± 0.440 χ^2/NDF : 2014.8/23

All: -68.409 ± 0.332 χ^2/NDF : 4453.3/43

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: 116.220 $\pm$ 0.491 χ^2/NDF : 698.5/4

Right Out: 107.238 $\pm$ 0.488 χ^2/NDF : 7037.4/18

Left In: 115.115 $\pm$ 0.606 χ^2/NDF : 408.5/2

Left: 115.782 $\pm$ 0.381 χ^2/NDF : 1109.1/7

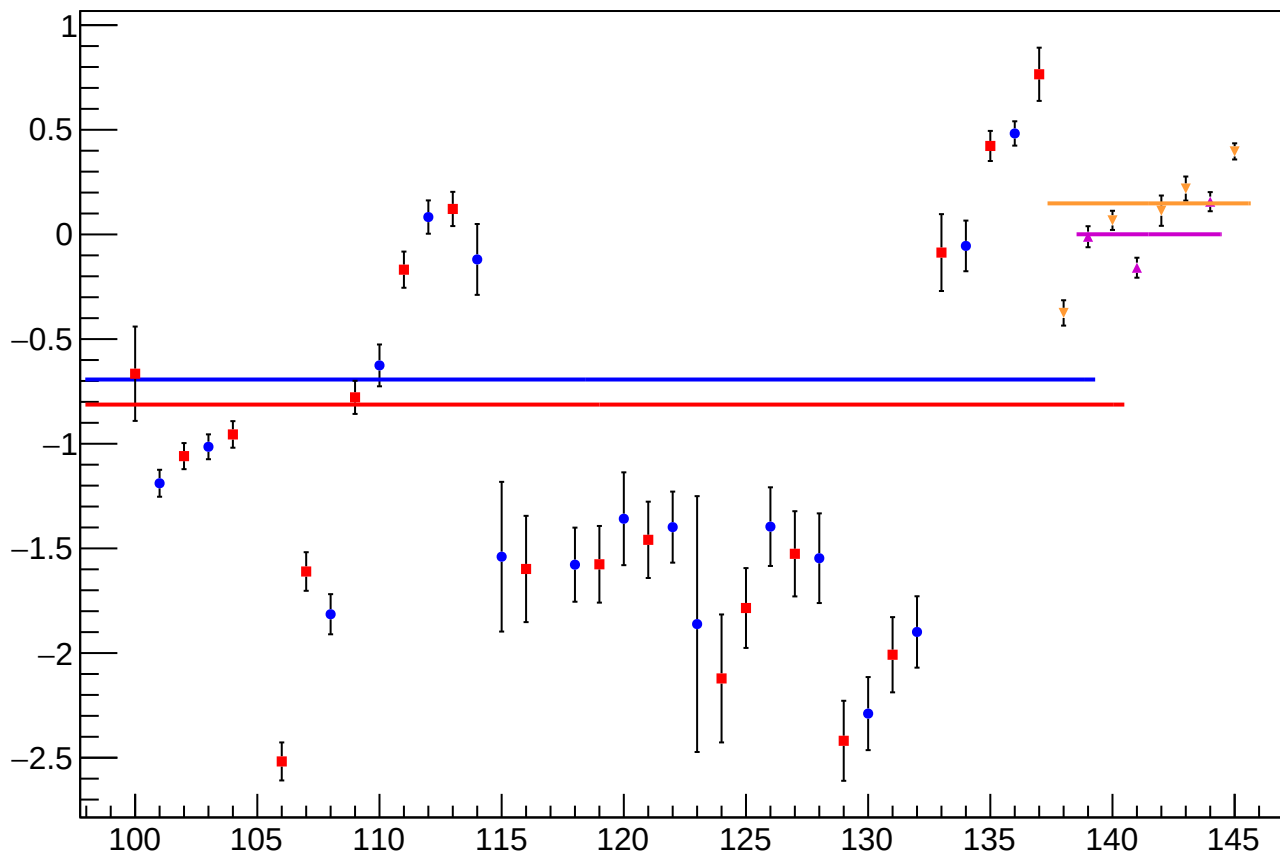
Right: 109.423 $\pm$ 0.344 χ^2/NDF : 13037.0/35

In: 112.977 $\pm$ 0.379 χ^2/NDF : 6388.5/19

Out: 111.702 $\pm$ 0.346 χ^2/NDF : 7904.6/23

All: 112.281 $\pm$ 0.256 χ^2/NDF : 14299.2/43

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: 0.148 ± 0.023 χ^2/NDF : 120.9/4

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

Left In: 0.001 ± 0.028 χ^2/NDF : 22.9/2

Left: 0.088 ± 0.018 χ^2/NDF : 160.8/7

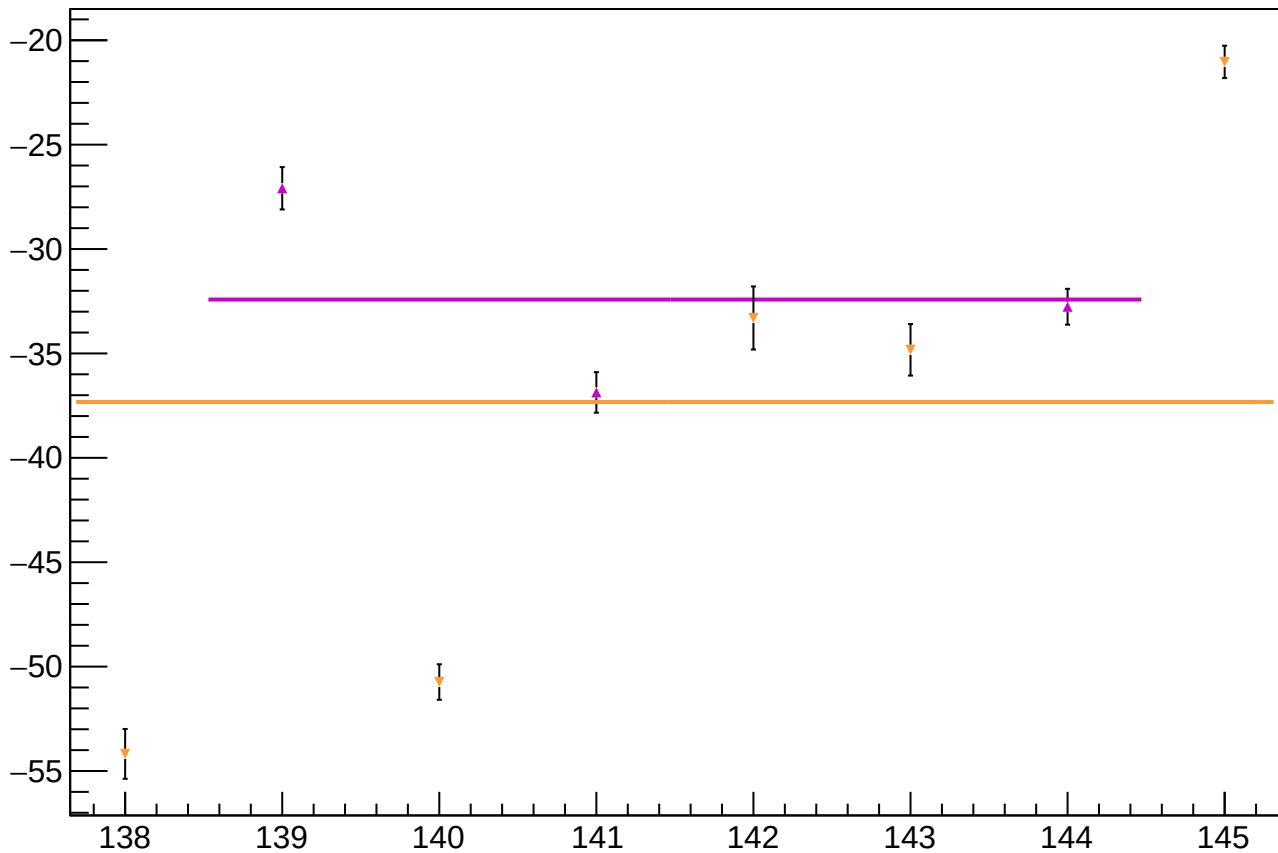
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.370 ± 0.019 χ^2/NDF : 1353.9/19

Out: -0.302 ± 0.017 χ^2/NDF : 2260.2/23

All: -0.332 ± 0.012 χ^2/NDF : 3621.3/43

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.325+/-0.455 χ^2/NDF : 899.4/4

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

Left In: -32.419+/-0.543 χ^2/NDF : 48.8/2

Left: -35.304+/-0.349 χ^2/NDF : 996.1/7

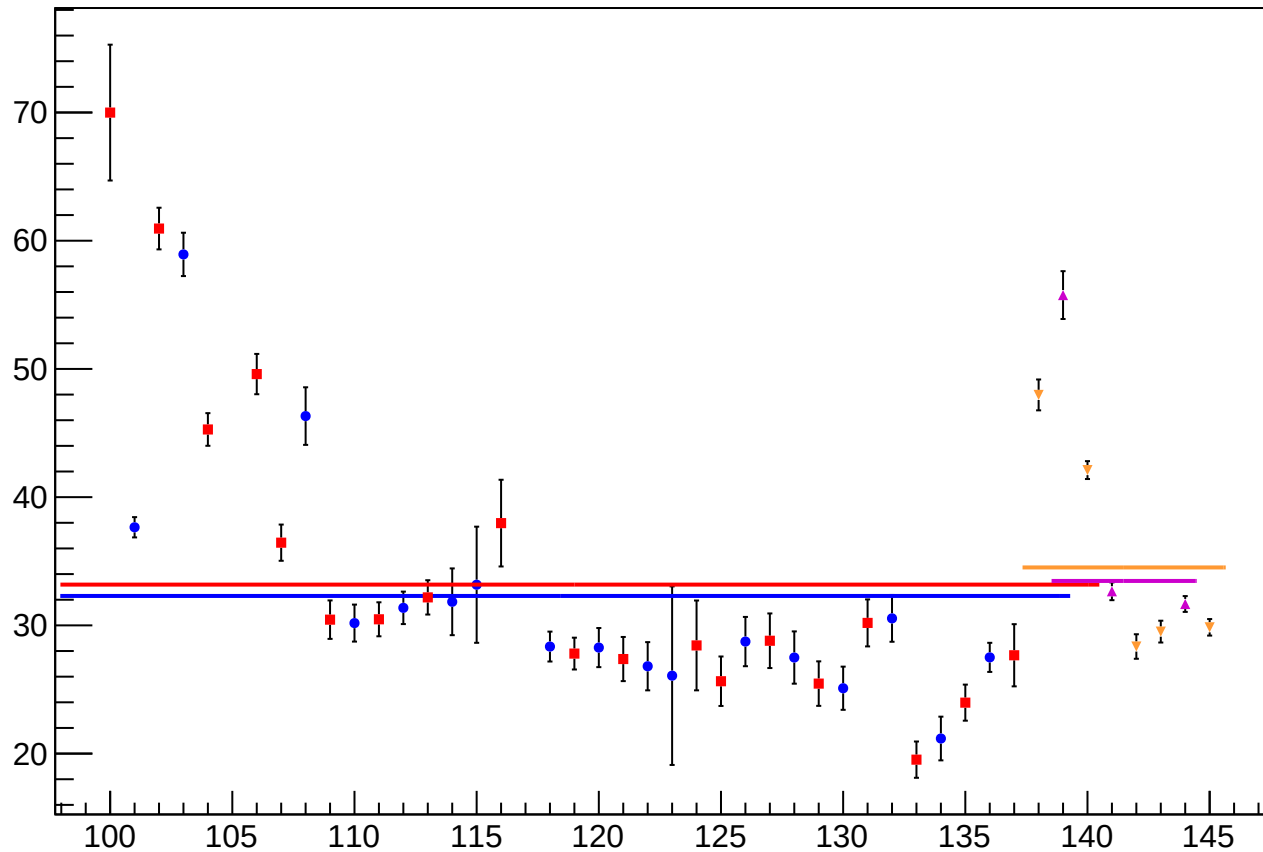
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.419+/-0.543 χ^2/NDF : 48.8/2

Out: -37.325+/-0.455 χ^2/NDF : 899.4/4

All: -35.304+/-0.349 χ^2/NDF : 996.1/7

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295 $\pm$ 0.373 χ^2 /NDF: 452.2/16

Left Out: 34.518 $\pm$ 0.362 χ^2 /NDF:372.0/4

Right Out: 33.180 $\pm$ 0.379 χ^2 /NDF: 770.3/18

Left In: 33.465 $\pm$ 0.447 χ^2 /NDF:152.7/2

Left: 34.101 $\pm$ 0.281 χ^2 /NDF: 528.1/7

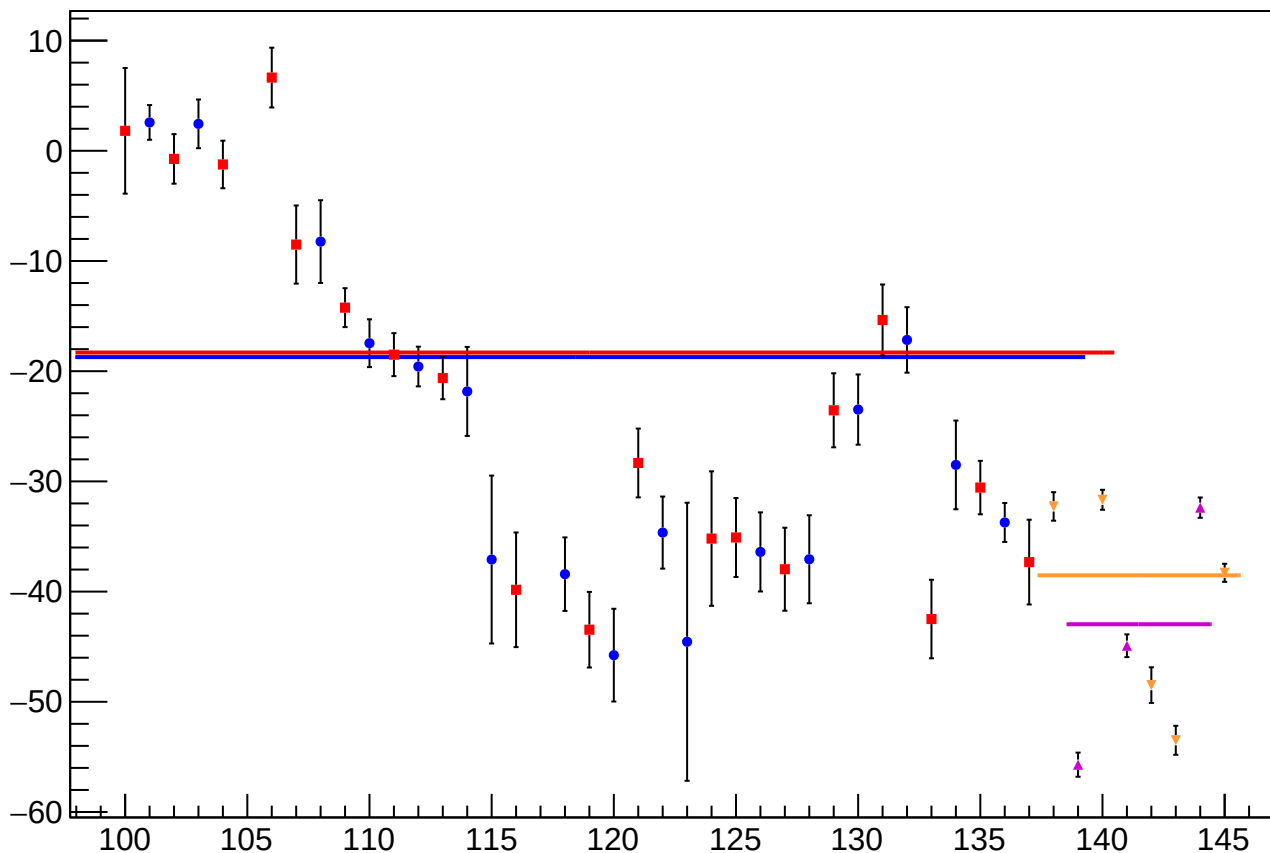
Right: 32.730 $\pm$ 0.266 χ^2 /NDF: 1225.3/35

In: 32.775 $\pm$ 0.286 χ^2 /NDF:609.0/19

Out: 33.879 $\pm$ 0.262 χ^2 /NDF:1148.8/23

All: 33.376 $\pm$ 0.193 χ^2 /NDF: 1765.9/43

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -38.525 ± 0.484 χ^2/NDF : 247.9/4

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

Left In: -42.963 ± 0.582 χ^2/NDF : 271.3/2

Left: -40.341 ± 0.372 χ^2/NDF : 553.6/7

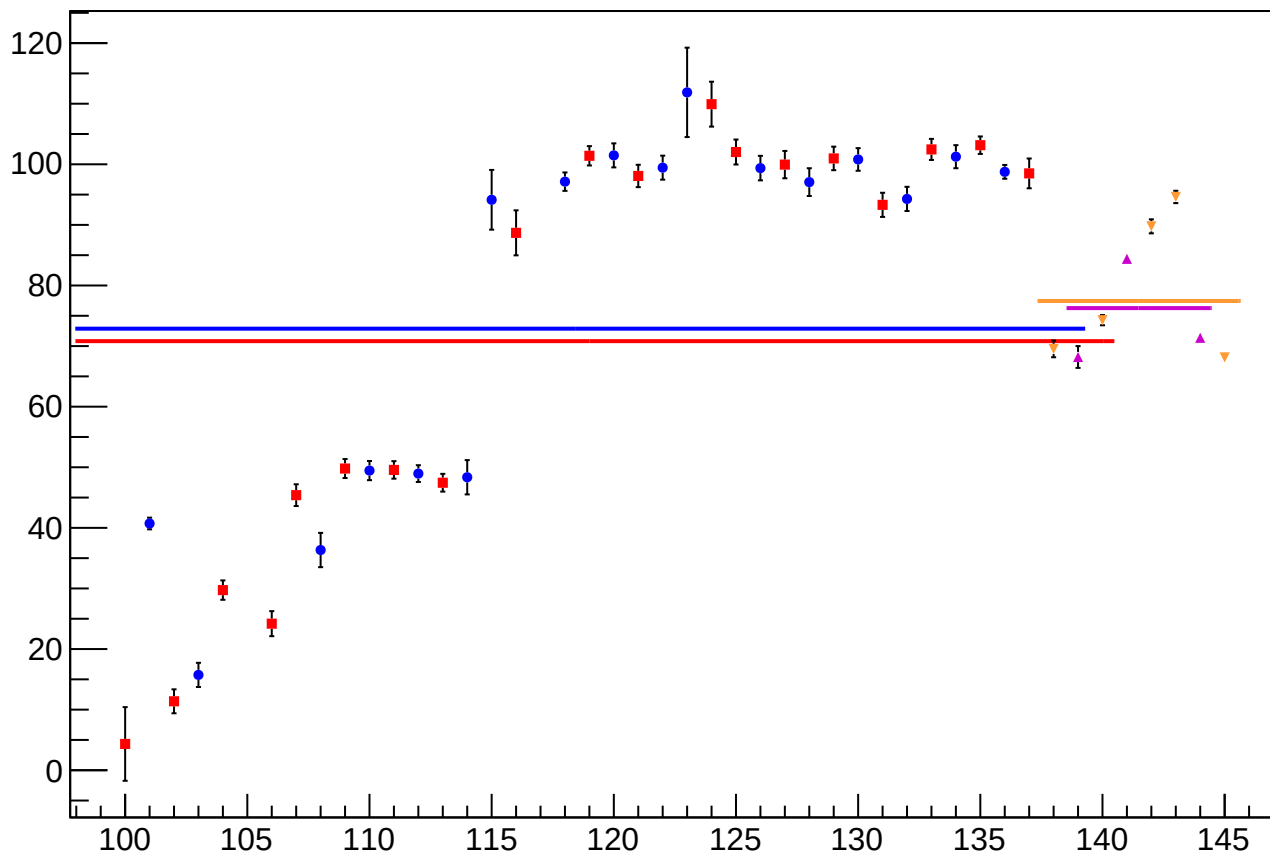
Right: -18.506 ± 0.463 χ^2/NDF : 992.4/35

In: -32.456 ± 0.438 χ^2/NDF : 1543.0/19

Out: -31.215 ± 0.387 χ^2/NDF : 1350.8/23

All: -31.759 ± 0.290 χ^2/NDF : 2898.3/43

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: 77.443 $\pm$ 0.427 χ^2/NDF : 602.1/4

Right Out: 70.815 $\pm$ 0.433 χ^2/NDF : 5489.3/18

Left In: 76.267 $\pm$ 0.524 χ^2/NDF : 160.7/2

Left: 76.974 $\pm$ 0.331 χ^2/NDF : 765.8/7

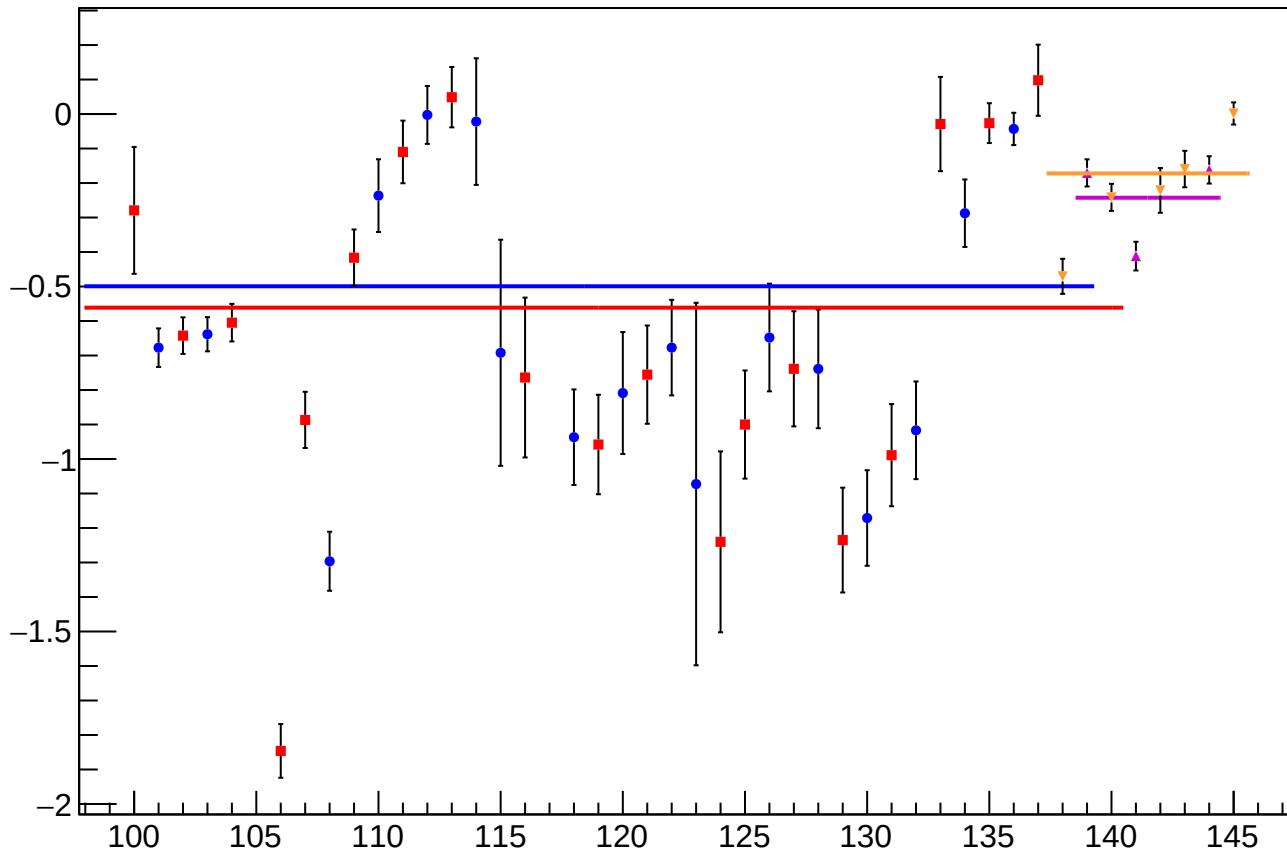
Right: 71.863 $\pm$ 0.304 χ^2/NDF : 10238.7/35

In: 74.222 $\pm$ 0.331 χ^2/NDF : 4923.8/19

Out: 74.175 $\pm$ 0.304 χ^2/NDF : 6210.0/23

All: 74.197 $\pm$ 0.224 χ^2/NDF : 11133.9/43

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.172 ± 0.020 χ^2/NDF : 67.4/4

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

Left In: -0.243 ± 0.023 χ^2/NDF : 24.1/2

Left: -0.202 ± 0.015 χ^2/NDF : 96.8/7

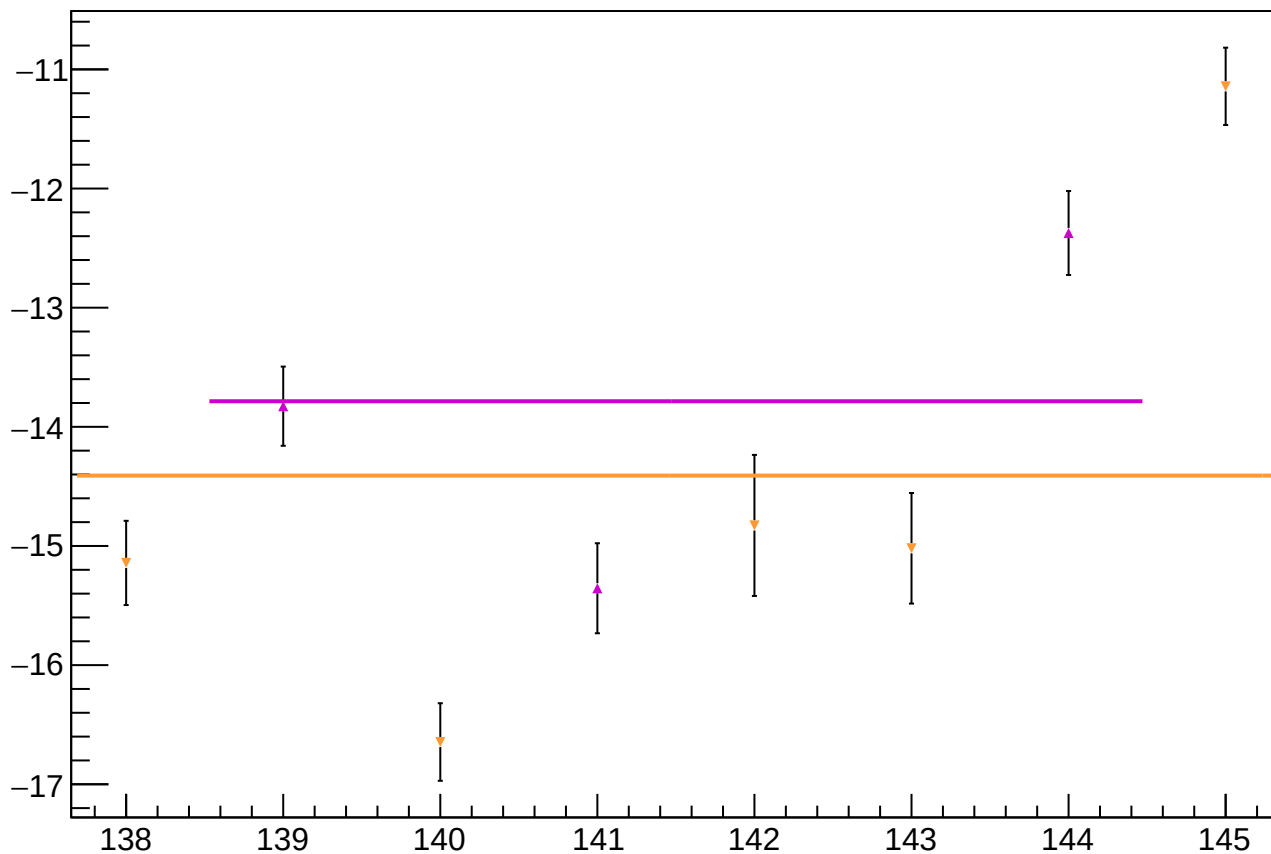
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.376 ± 0.016 χ^2/NDF : 391.3/19

Out: -0.350 ± 0.014 χ^2/NDF : 809.5/23

All: -0.361 ± 0.011 χ^2/NDF : 1202.2/43

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -14.409+/-0.170 χ^2/NDF :155.0/4

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

Left In: -13.785+/-0.204 χ^2/NDF :33.3/2

Left: -14.152+/-0.131 χ^2/NDF : 193.9/7

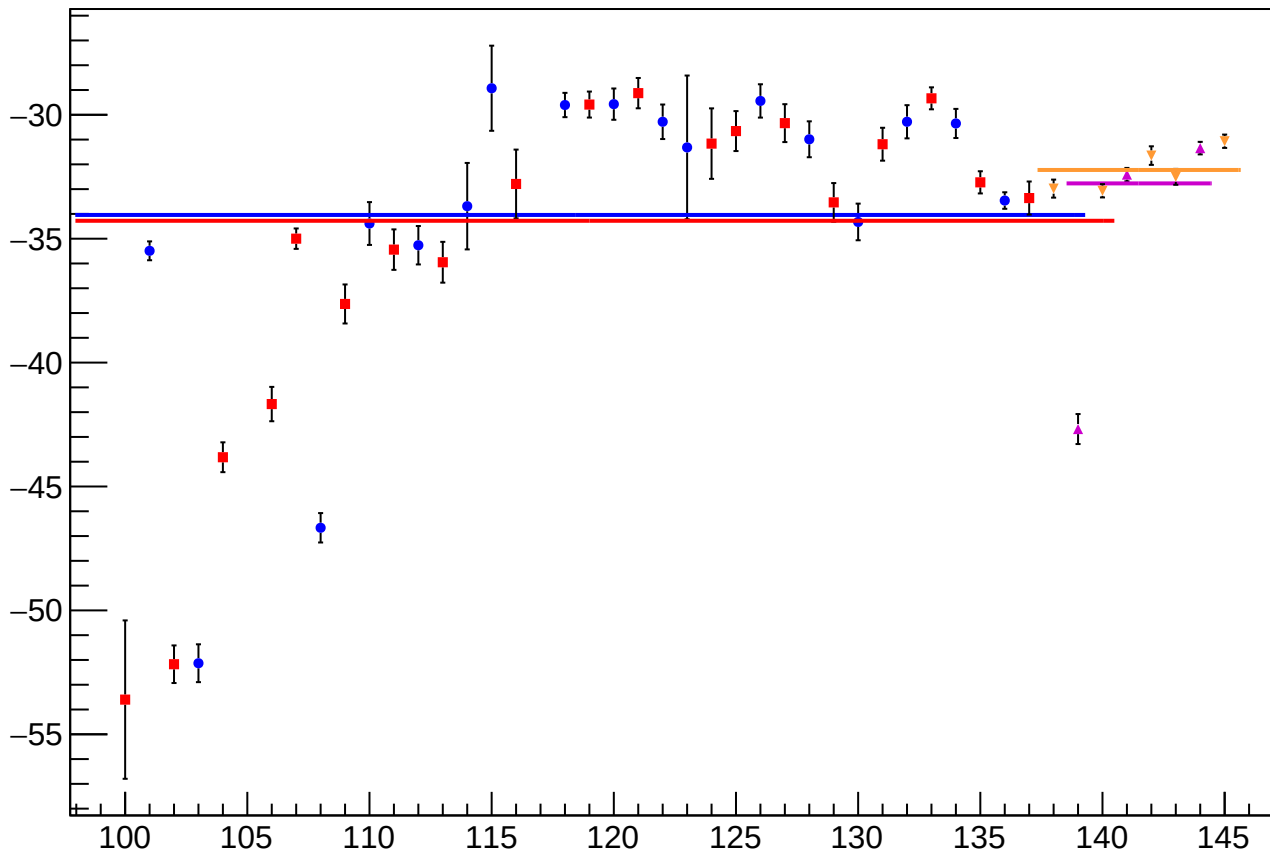
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.785+/-0.204 χ^2/NDF :33.3/2

Out: -14.409+/-0.170 χ^2/NDF :155.0/4

All: -14.152+/-0.131 χ^2/NDF : 193.9/7

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -32.226 ± 0.138 χ^2/NDF : 35.8/4

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

Left In: -32.768 ± 0.177 χ^2/NDF : 301.4/2

Left: -32.433 ± 0.109 χ^2/NDF : 343.1/7

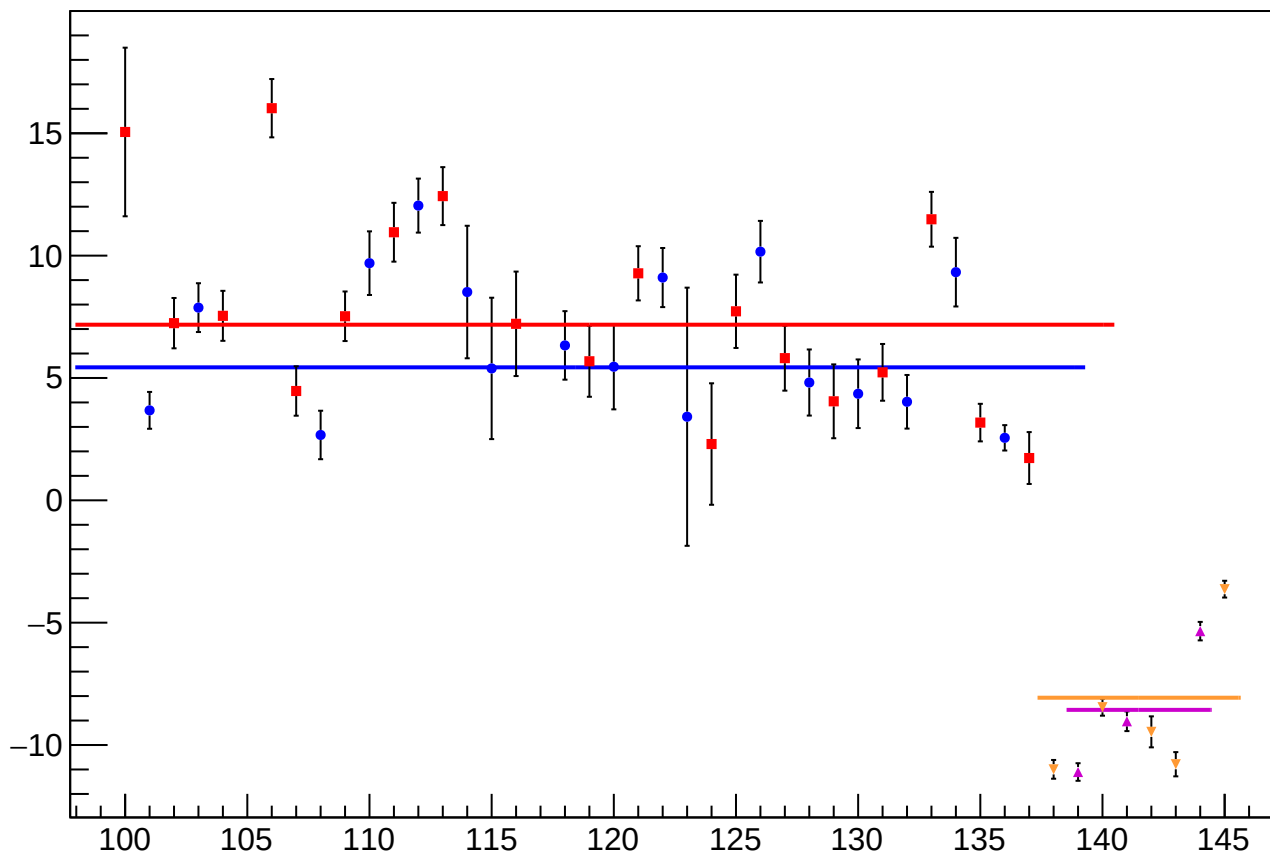
Right: -34.159 ± 0.107 χ^2/NDF : 2691.4/35

In: -33.506 ± 0.115 χ^2/NDF : 1672.2/19

Out: -33.164 ± 0.102 χ^2/NDF : 1485.6/23

All: -33.315 ± 0.076 χ^2/NDF : 3162.8/43

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: -8.067 ± 0.182 $\chi^2/\text{NDF}: 261.8/4$

Right Out: 7.177 ± 0.274 $\chi^2/\text{NDF}: 182.6/18$

Left In: -8.564 ± 0.218 $\chi^2/\text{NDF}: 123.9/2$

Left: -8.271 ± 0.140 $\chi^2/\text{NDF}: 388.7/7$

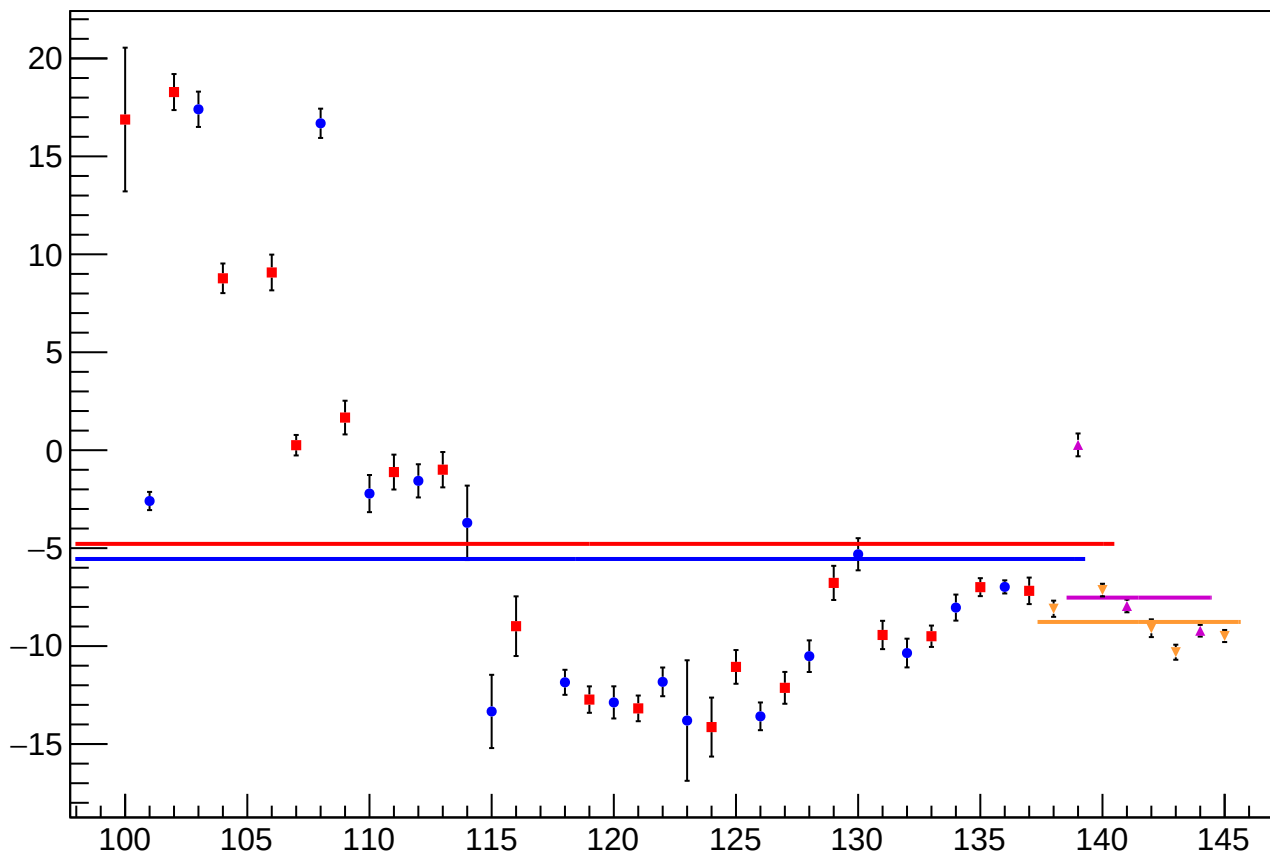
Right: 6.291 ± 0.192 $\chi^2/\text{NDF}: 335.1/35$

In: -3.014 ± 0.170 $\chi^2/\text{NDF}: 1883.5/19$

Out: -3.404 ± 0.152 $\chi^2/\text{NDF}: 2590.3/23$

All: -3.231 ± 0.113 $\chi^2/\text{NDF}: 4476.7/43$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 $\chi^2/\text{NDF}: 2125.3/16$

Left Out: -8.767 ± 0.163 $\chi^2/\text{NDF}: 50.2/4$

Right Out: -4.782 ± 0.173 $\chi^2/\text{NDF}: 2040.4/18$

Left In: -7.526 ± 0.206 $\chi^2/\text{NDF}: 212.2/2$

Left: -8.288 ± 0.128 $\chi^2/\text{NDF}: 284.7/7$

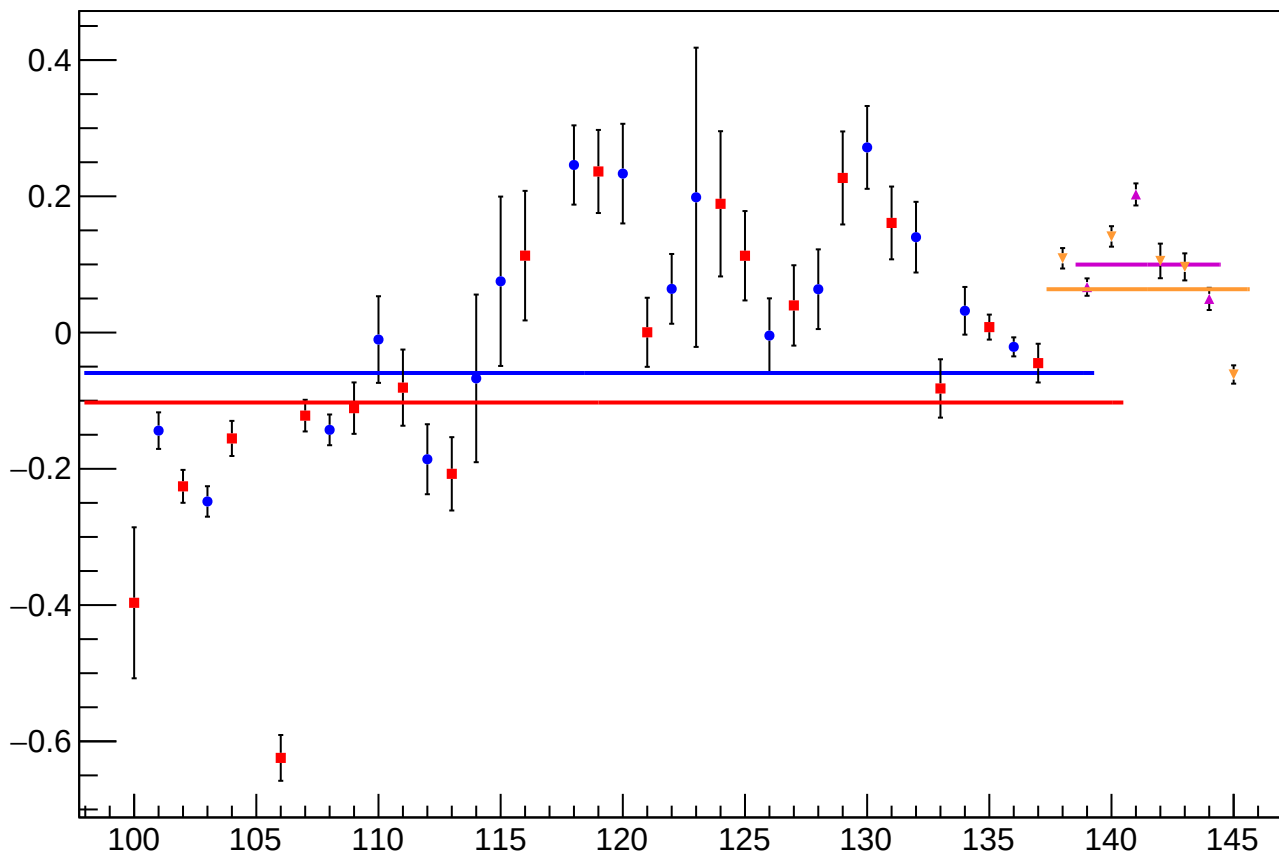
Right: -5.174 ± 0.121 $\chi^2/\text{NDF}: 4175.8/35$

In: -6.353 ± 0.131 $\chi^2/\text{NDF}: 2392.1/19$

Out: -6.890 ± 0.119 $\chi^2/\text{NDF}: 2371.9/23$

All: -6.648 ± 0.088 $\chi^2/\text{NDF}: 4773.2/43$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.064 ± 0.007 χ^2/NDF : 127.8/4

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

Left In: 0.100 ± 0.009 χ^2/NDF : 56.7/2

Left: 0.079 ± 0.006 χ^2/NDF : 194.8/7

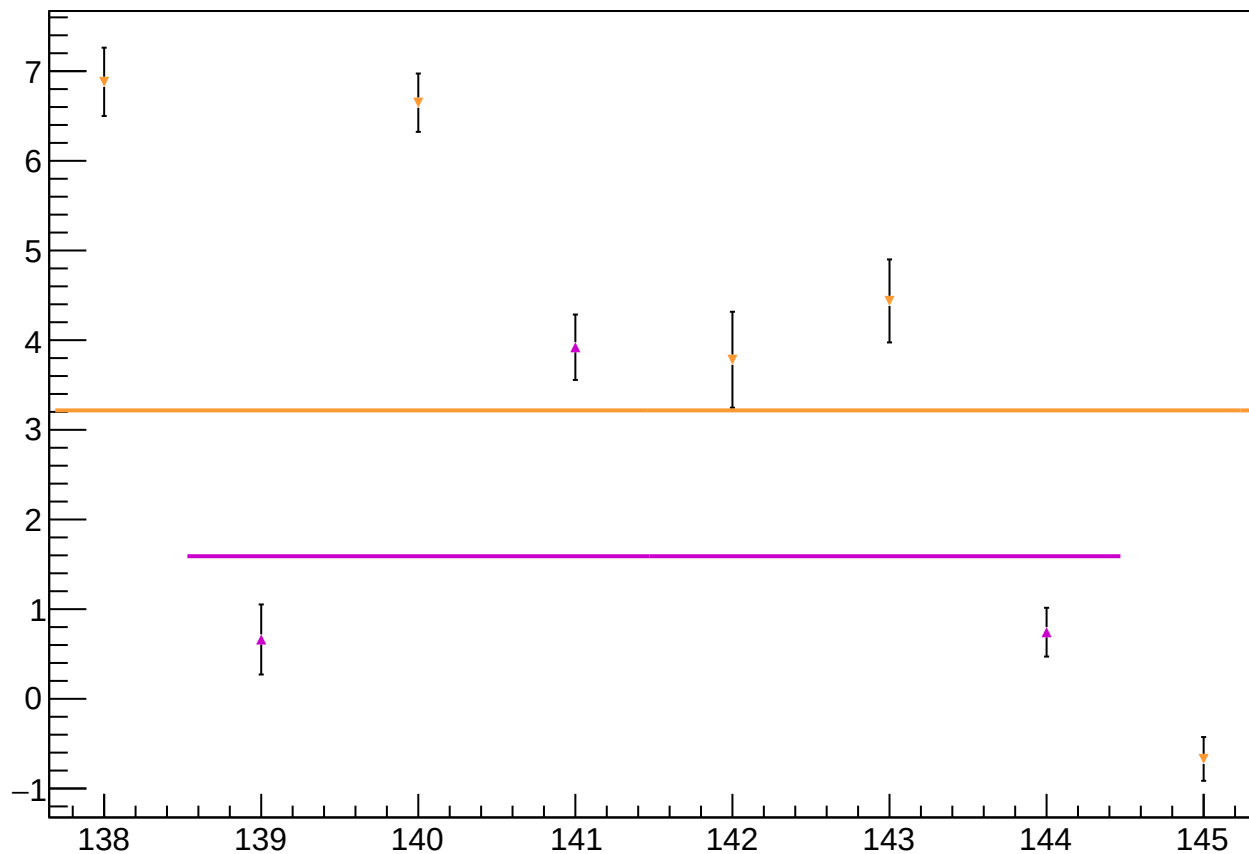
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: 0.019 ± 0.006 χ^2/NDF : 451.0/19

Out: -0.008 ± 0.006 χ^2/NDF : 784.6/23

All: 0.004 ± 0.004 χ^2/NDF : 1246.8/43

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.217+/-0.156 χ^2/NDF :465.9/4

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

Left In: 1.590+/-0.190 χ^2/NDF :56.2/2

Left: 2.566+/-0.120 χ^2/NDF : 565.8/7

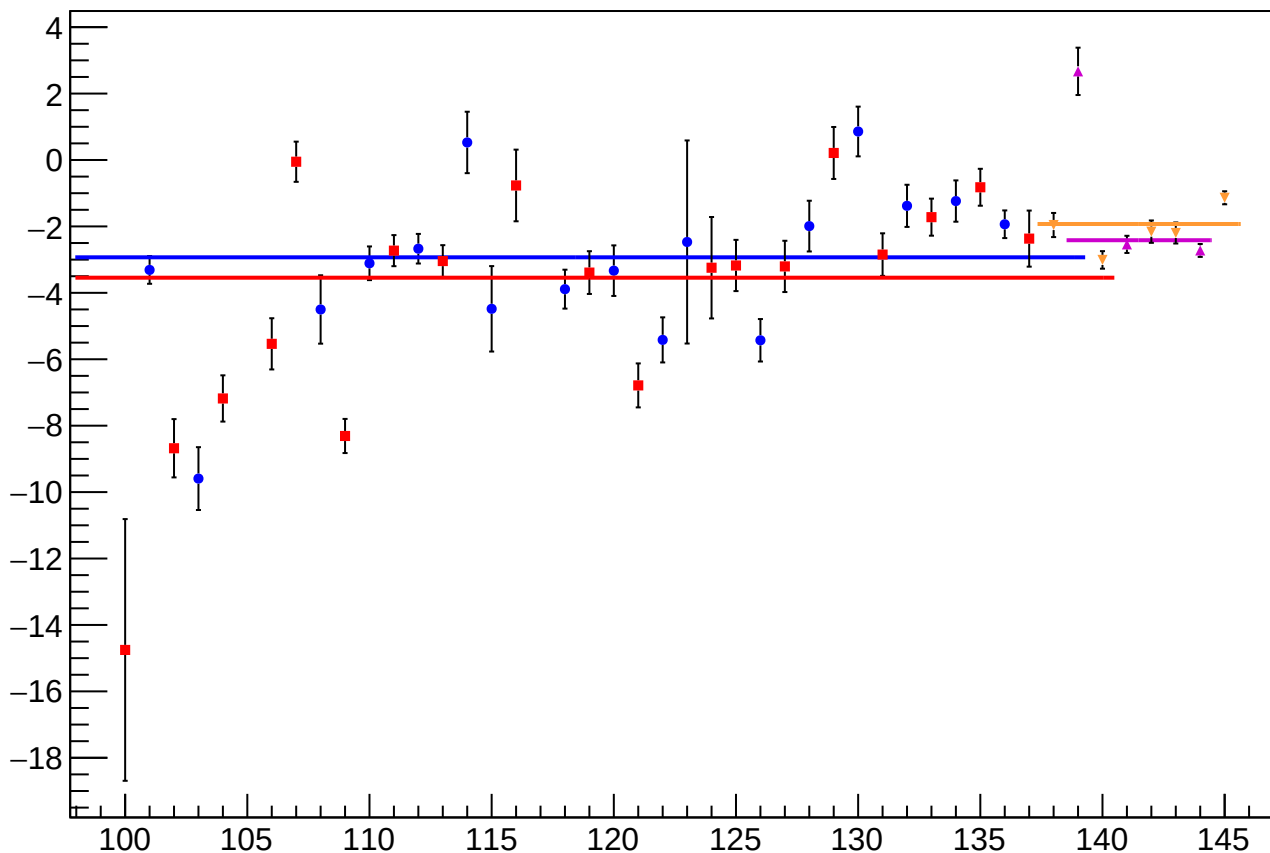
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.590+/-0.190 χ^2/NDF :56.2/2

Out: 3.217+/-0.156 χ^2/NDF :465.9/4

All: 2.566+/-0.120 χ^2/NDF : 565.8/7

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.927 ± 0.123 χ^2/NDF : 34.2/4

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

Left In: -2.416 ± 0.152 χ^2/NDF : 53.6/2

Left: -2.120 ± 0.095 χ^2/NDF : 94.0/7

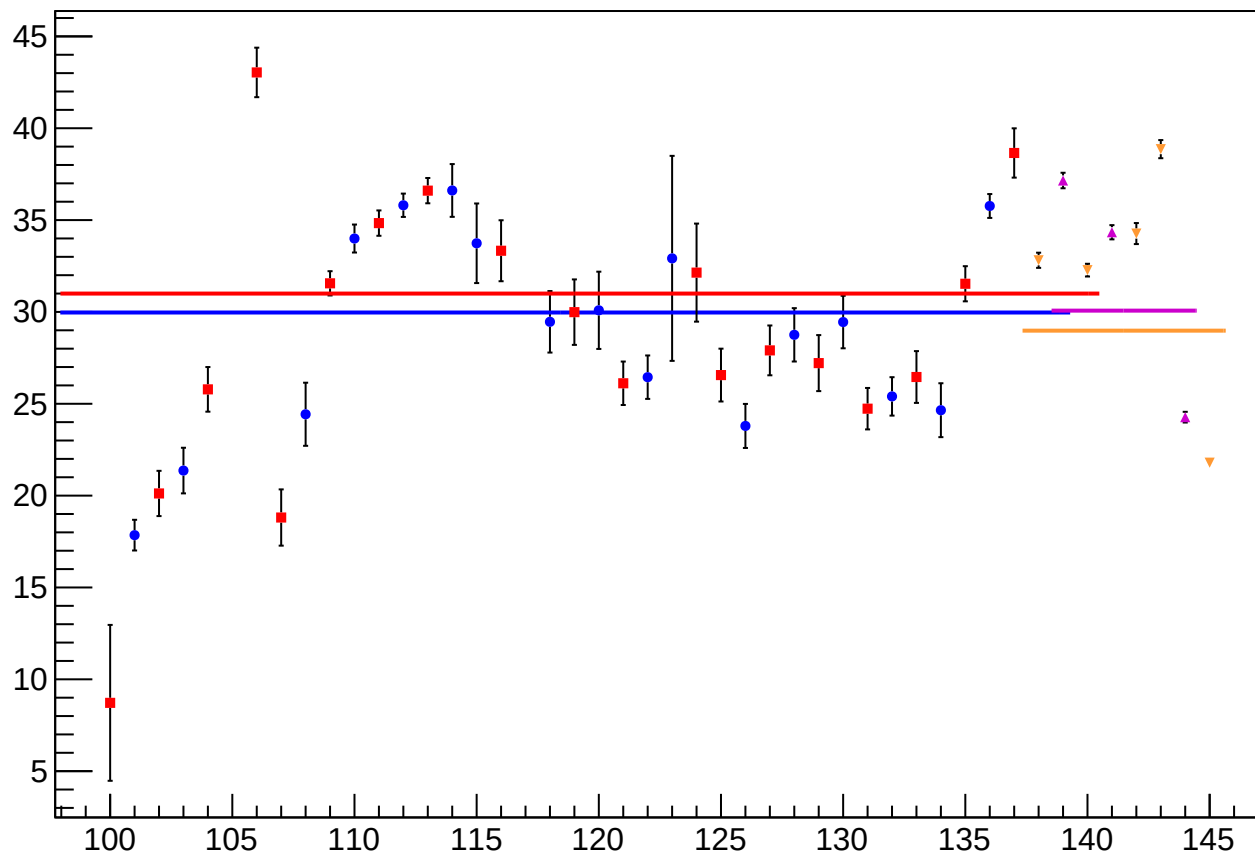
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -2.670 ± 0.108 χ^2/NDF : 205.8/19

Out: -2.551 ± 0.096 χ^2/NDF : 393.0/23

All: -2.603 ± 0.072 χ^2/NDF : 599.5/43

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: 28.981 $\pm$ 0.166 χ^2 /NDF:1427.9/4

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

Left In: 30.071 $\pm$ 0.204 χ^2 /NDF:797.8/2

Left: 29.416 $\pm$ 0.129 χ^2 /NDF: 2242.8/7

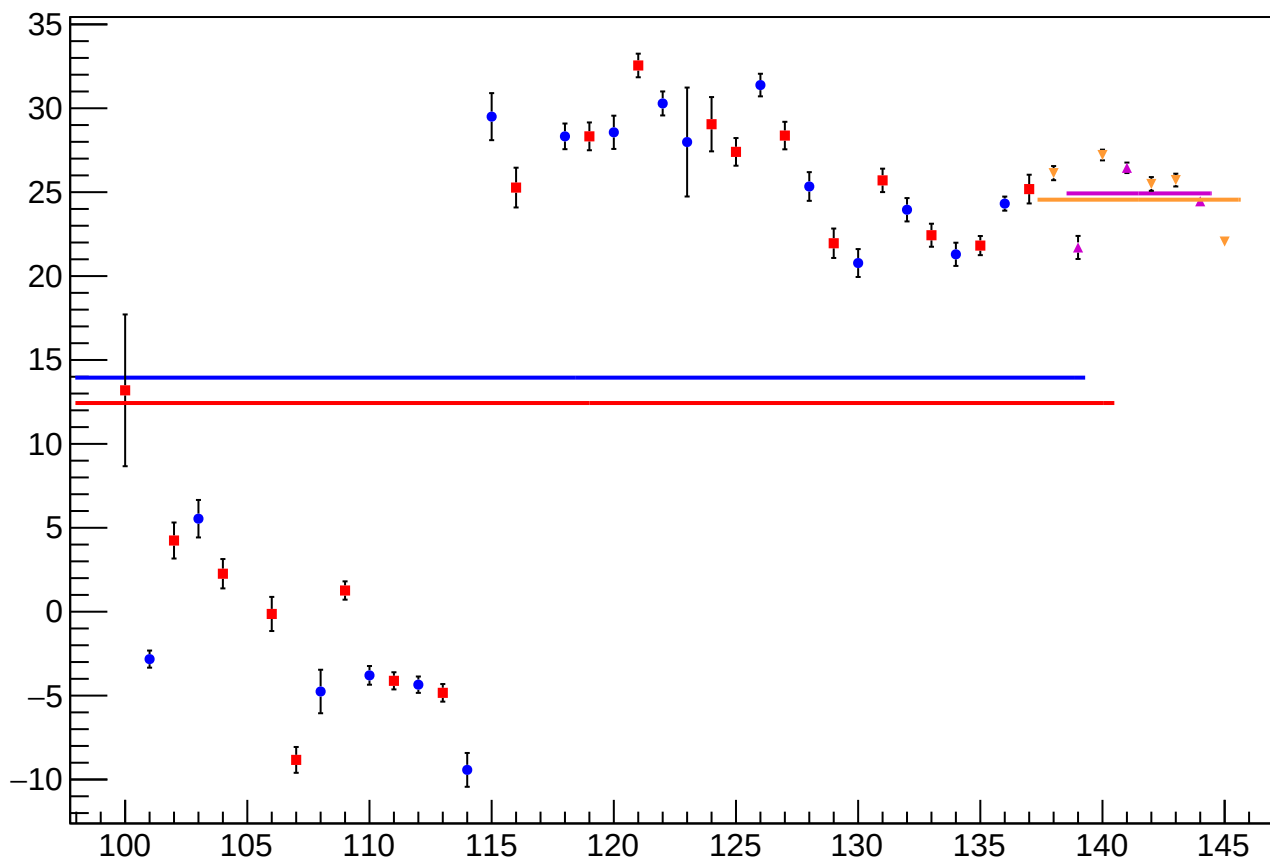
Right: 30.497 $\pm$ 0.186 χ^2 /NDF: 1041.5/35

In: 30.033 $\pm$ 0.162 χ^2 /NDF:1352.2/19

Out: 29.567 $\pm$ 0.140 χ^2 /NDF:1950.2/23

All: 29.766 $\pm$ 0.106 χ^2 /NDF: 3307.1/43

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: 24.553 $\pm$ 0.145 χ^2 /NDF:219.3/4

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

Left In: 24.927 $\pm$ 0.179 χ^2 /NDF:50.0/2

Left: 24.701 $\pm$ 0.113 χ^2 /NDF: 272.0/7

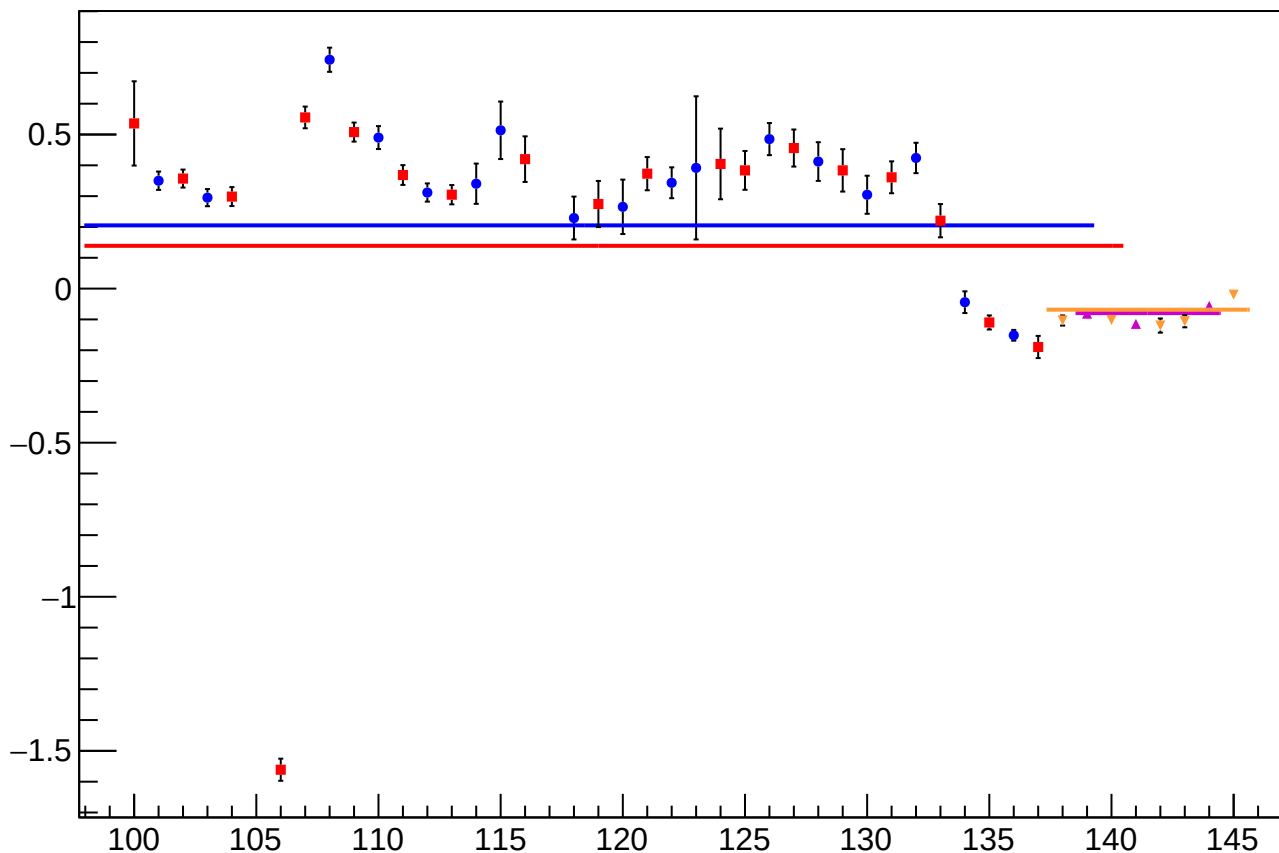
Right: 13.199 $\pm$ 0.122 χ^2 /NDF: 14393.1/35

In: 19.219 $\pm$ 0.124 χ^2 /NDF:9398.9/19

Out: 19.587 $\pm$ 0.111 χ^2 /NDF:10055.4/23

All: 19.423 $\pm$ 0.083 χ^2 /NDF: 19459.1/43

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: -0.068 $\pm$ 0.007 χ^2 /NDF:40.8/4

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

Left In: -0.080 $\pm$ 0.008 χ^2 /NDF:8.5/2

Left: -0.073 $\pm$ 0.005 χ^2 /NDF: 50.4/7

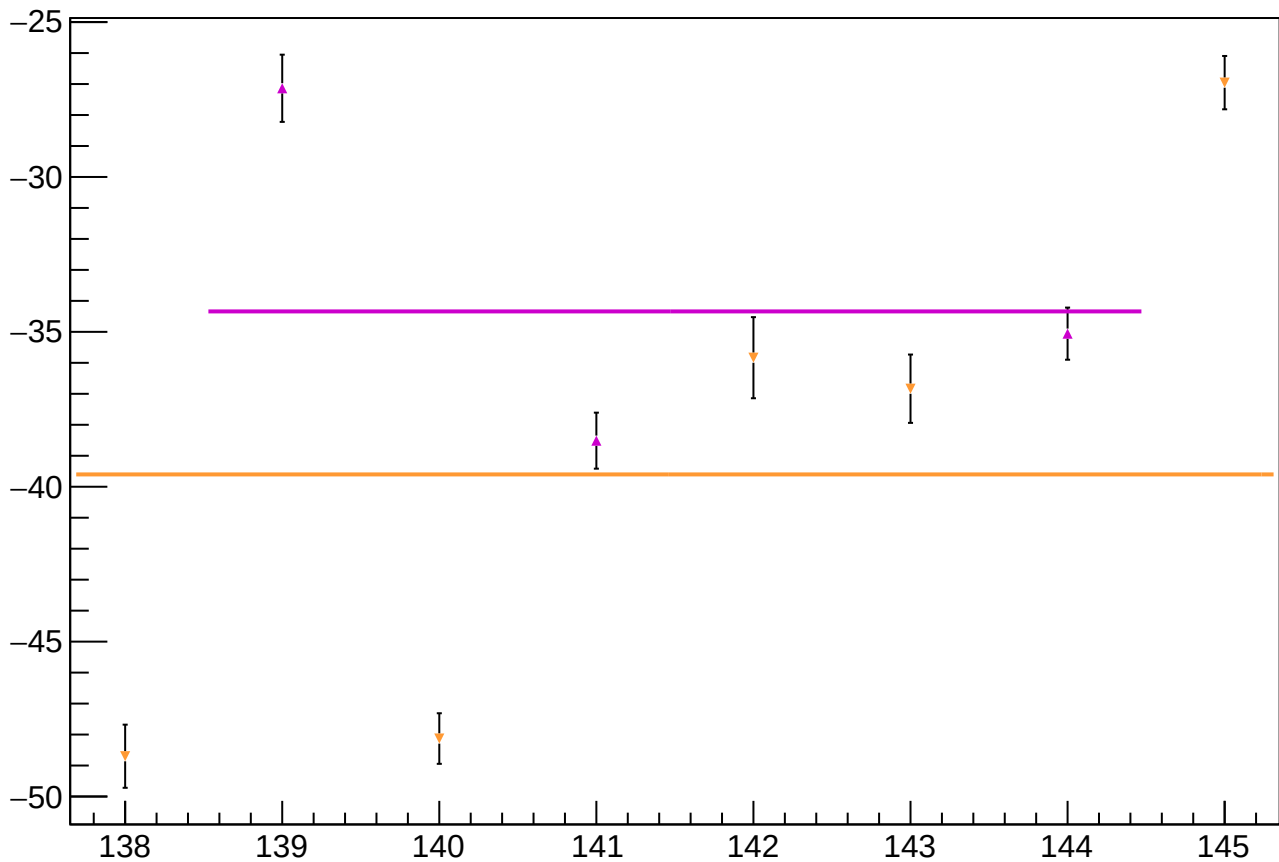
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.044 $\pm$ 0.006 χ^2 /NDF:1378.2/19

Out: 0.004 $\pm$ 0.005 χ^2 /NDF:3388.9/23

All: 0.021 $\pm$ 0.004 χ^2 /NDF: 4791.2/43

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -39.602+/-0.438 χ^2/NDF : 419.2/4

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

Left In: -34.340+/-0.536 χ^2/NDF : 66.1/2

Left: -37.495+/-0.339 χ^2/NDF : 543.2/7

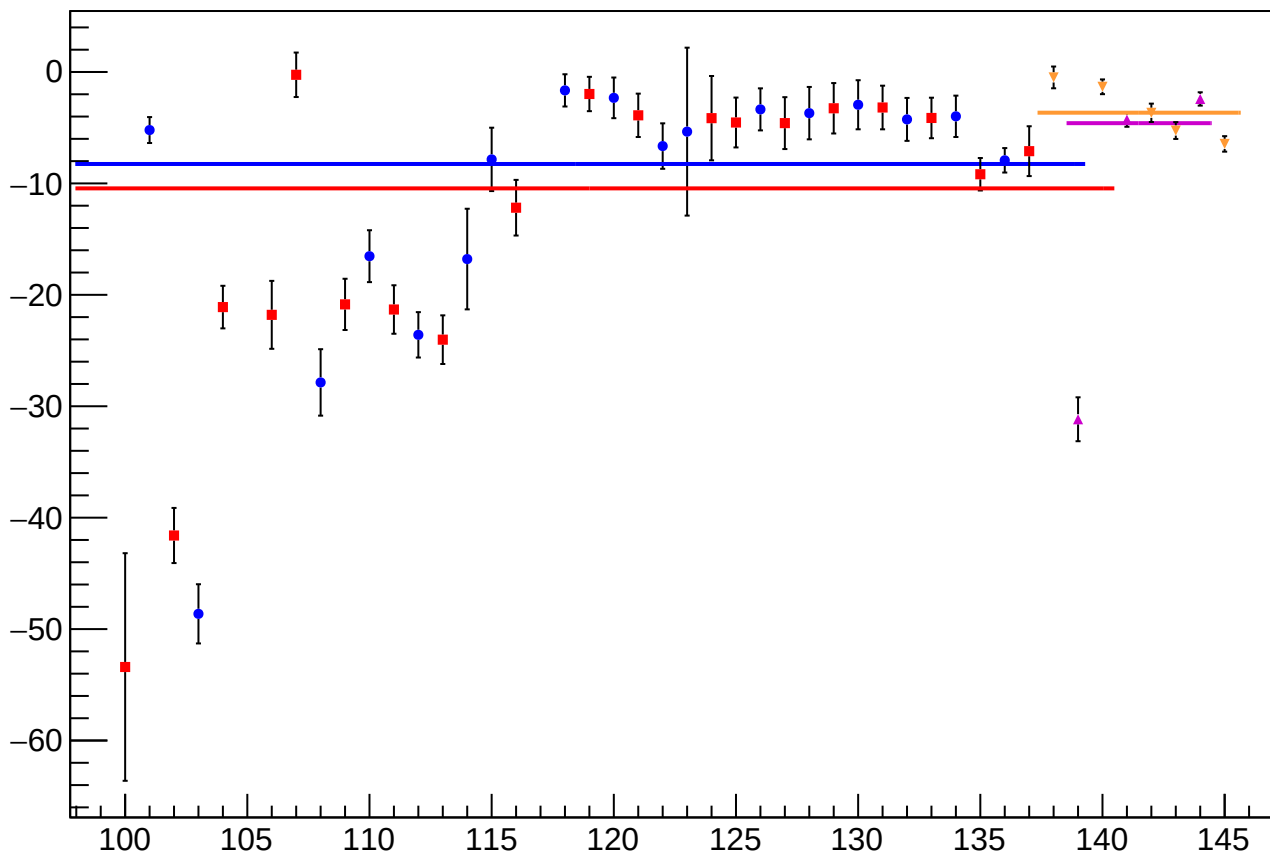
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.340+/-0.536 χ^2/NDF : 66.1/2

Out: -39.602+/-0.438 χ^2/NDF : 419.2/4

All: -37.495+/-0.339 χ^2/NDF : 543.2/7

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.653 ± 0.340 χ^2/NDF : 43.6/4

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

Left In: -4.593 ± 0.427 χ^2/NDF : 195.3/2

Left: -4.018 ± 0.266 χ^2/NDF : 241.9/7

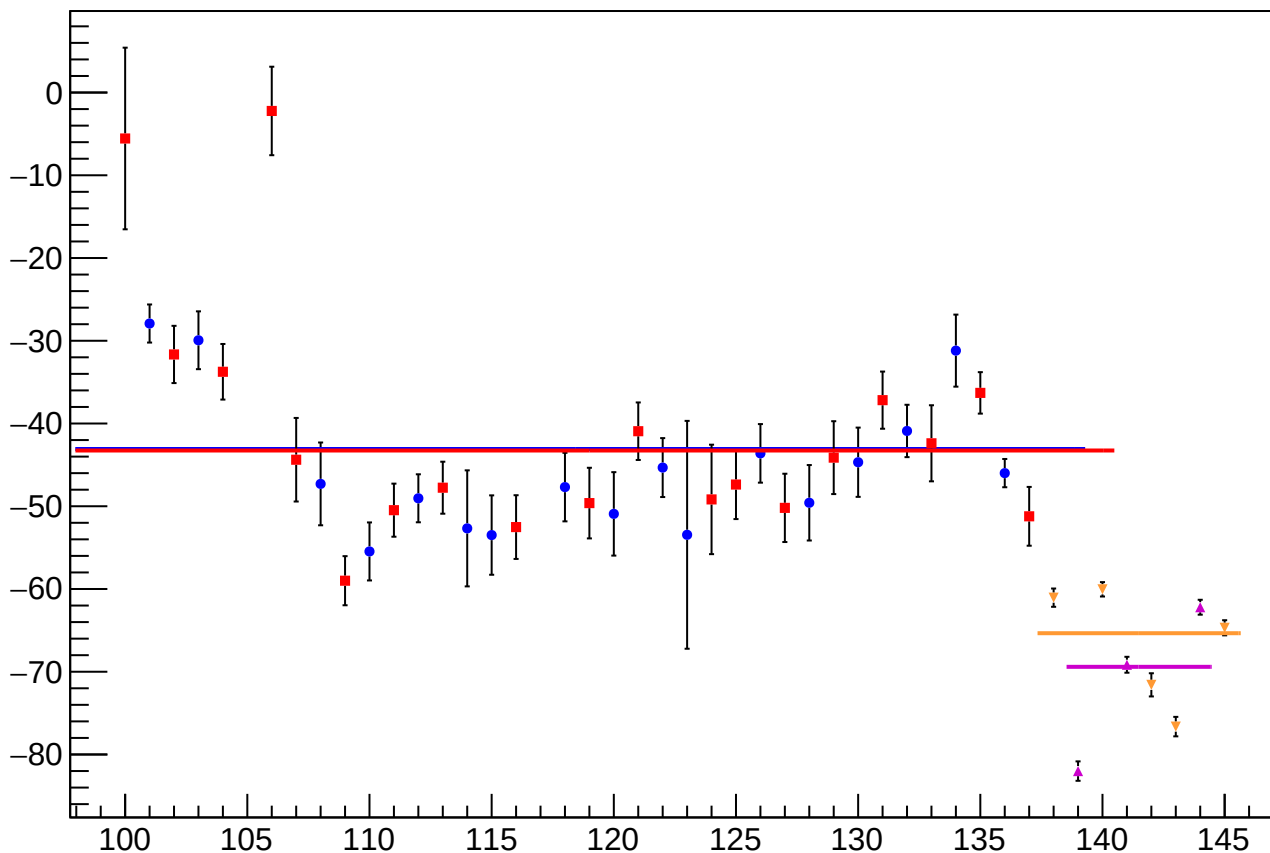
Right: -9.285 ± 0.337 χ^2/NDF : 851.1/35

In: -6.280 ± 0.314 χ^2/NDF : 641.4/19

Out: -5.857 ± 0.280 χ^2/NDF : 601.2/23

All: -6.045 ± 0.209 χ^2/NDF : 1243.6/43

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -65.344 ± 0.468 $\chi^2/\text{NDF}: 164.7/4$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -69.406 ± 0.573 $\chi^2/\text{NDF}: 179.3/2$

Left: -66.967 ± 0.362 $\chi^2/\text{NDF}: 374.1/7$

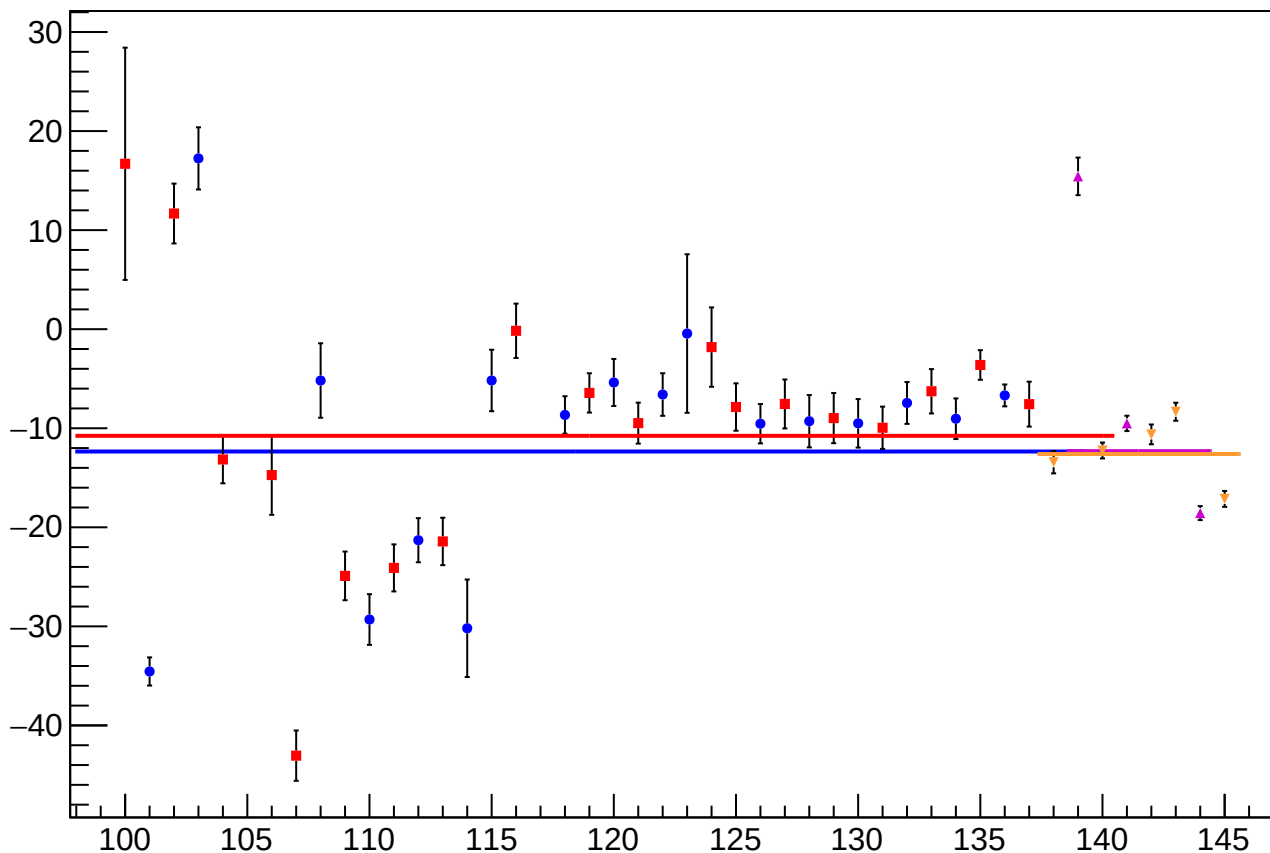
Right: -43.169 ± 0.601 $\chi^2/\text{NDF}: 253.4/35$

In: -60.959 ± 0.473 $\chi^2/\text{NDF}: 954.7/19$

Out: -60.360 ± 0.412 $\chi^2/\text{NDF}: 821.8/23$

All: -60.619 ± 0.310 $\chi^2/\text{NDF}: 1777.4/43$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -12.599 ± 0.405 χ^2/NDF : 58.5/4

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

Left In: -12.310 ± 0.504 χ^2/NDF : 304.1/2

Left: -12.486 ± 0.316 χ^2/NDF : 362.8/7

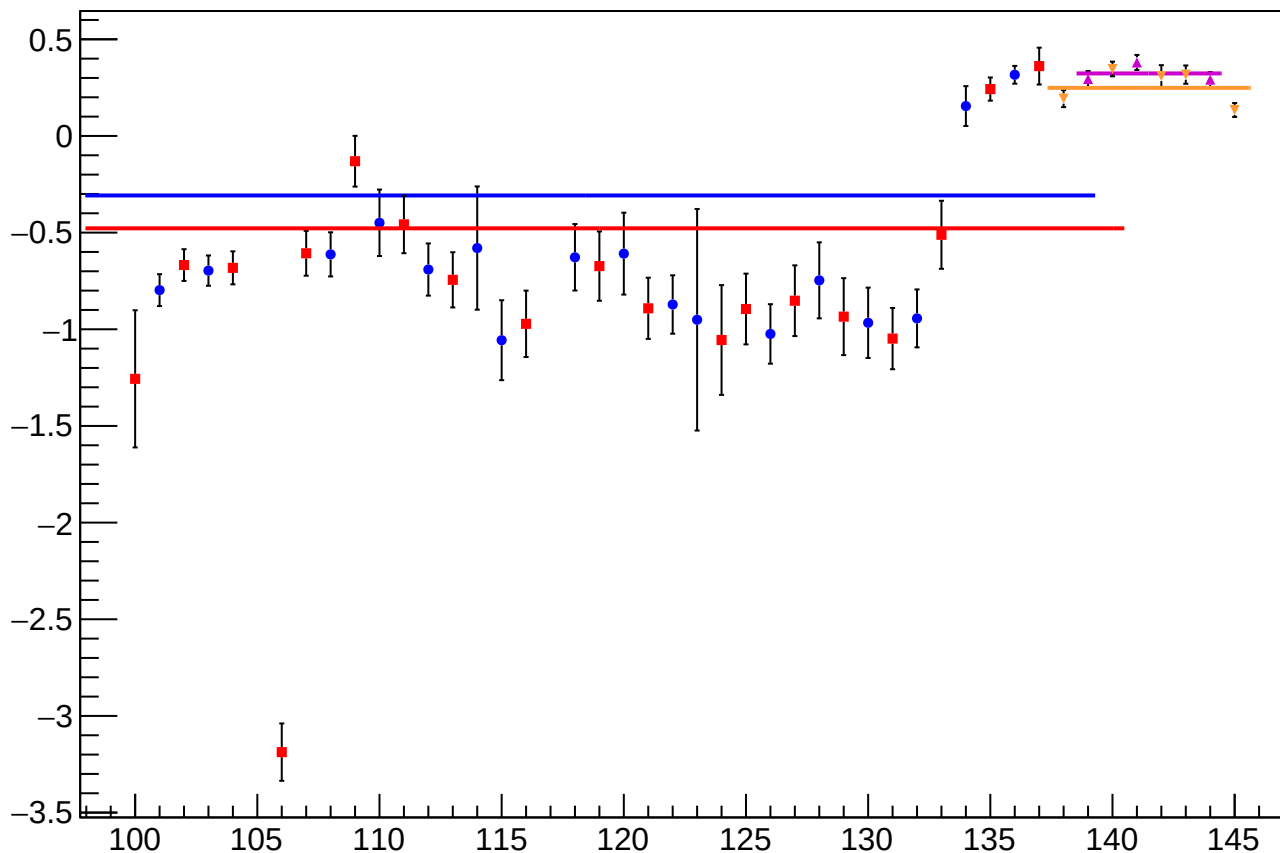
Right: -11.606 ± 0.379 χ^2/NDF : 846.9/35

In: -12.328 ± 0.362 χ^2/NDF : 780.0/19

Out: -11.960 ± 0.327 χ^2/NDF : 432.3/23

All: -12.125 ± 0.243 χ^2/NDF : 1213.0/43

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.249 ± 0.019 χ^2/NDF : 21.7/4

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

Left In: 0.323 ± 0.023 χ^2/NDF : 3.3/2

Left: 0.279 ± 0.015 χ^2/NDF : 31.2/7

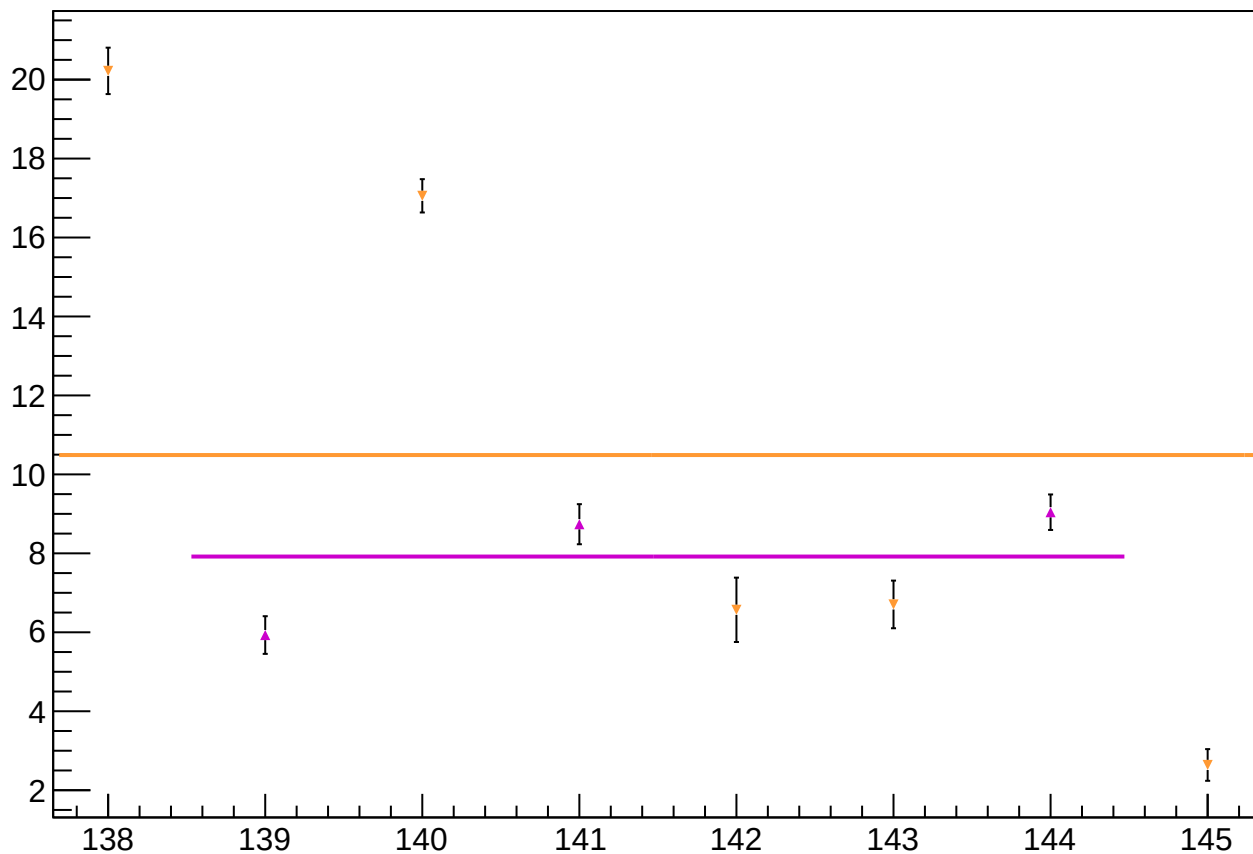
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.064 ± 0.018 χ^2/NDF : 685.4/19

Out: 0.024 ± 0.016 χ^2/NDF : 1101.3/23

All: 0.042 ± 0.012 χ^2/NDF : 1789.4/43

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 10.490+/-0.230 χ^2/NDF :961.2/4

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

Left In: 7.919+/-0.275 χ^2/NDF :26.2/2

Left: 9.434+/-0.176 χ^2/NDF : 1038.9/7

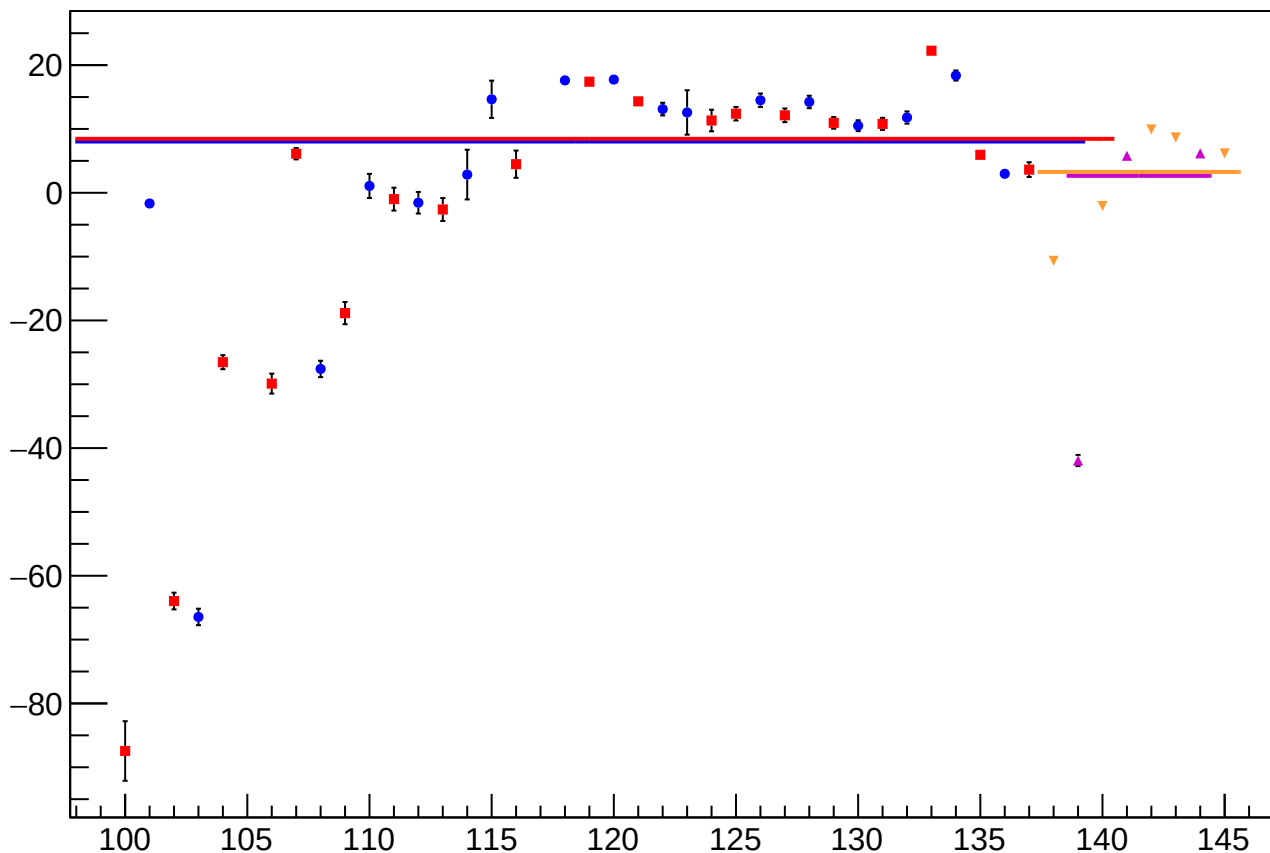
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.919+/-0.275 χ^2/NDF :26.2/2

Out: 10.490+/-0.230 χ^2/NDF :961.2/4

All: 9.434+/-0.176 χ^2/NDF : 1038.9/7

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 $\pm$ 0.215 χ^2 /NDF: 5369.4/16

Left Out: 3.267 $\pm$ 0.183 χ^2 /NDF:1188.9/4

Right Out: 8.454 $\pm$ 0.213 χ^2 /NDF: 6704.4/18

Left In: 2.659 $\pm$ 0.233 χ^2 /NDF:2765.5/2

Left: 3.034 $\pm$ 0.144 χ^2 /NDF: 3958.7/7

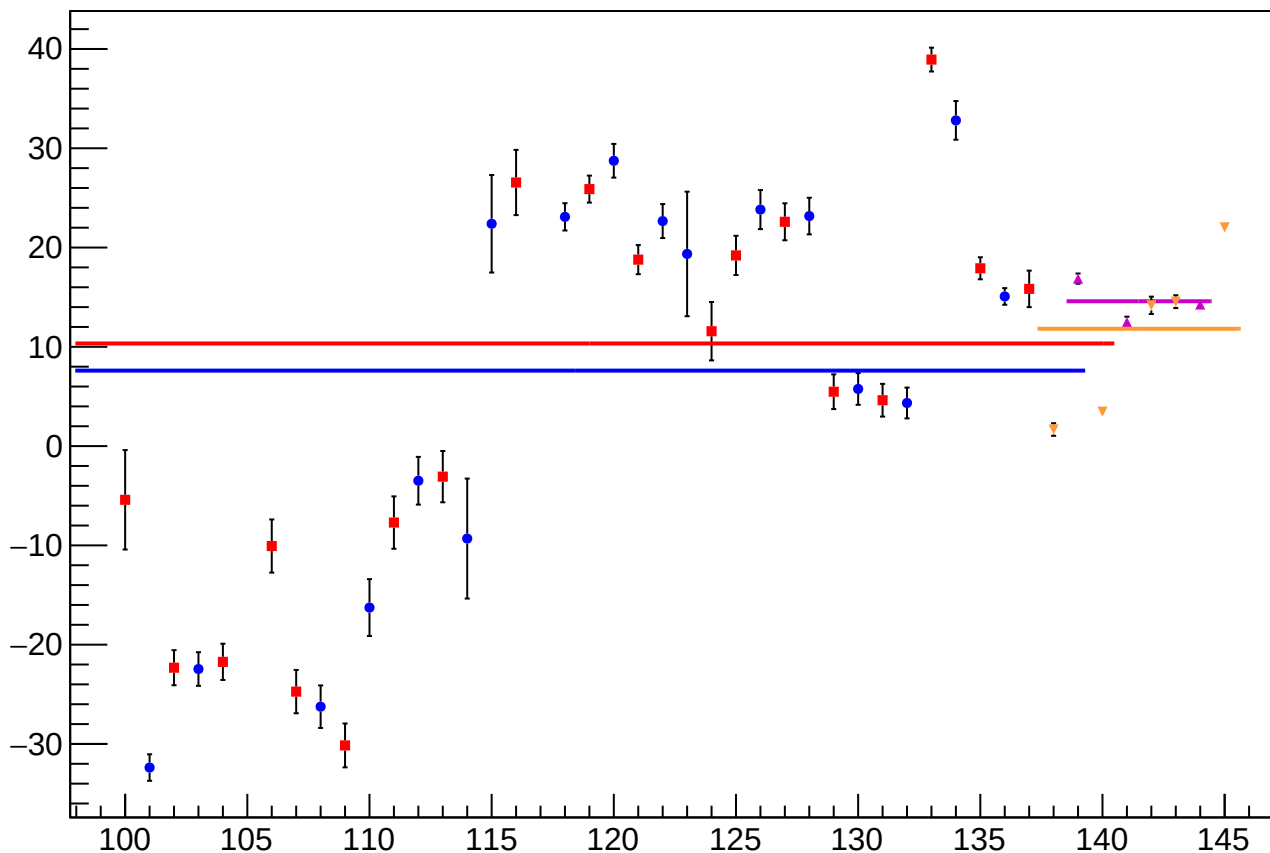
Right: 8.247 $\pm$ 0.151 χ^2 /NDF: 12075.7/35

In: 5.557 $\pm$ 0.158 χ^2 /NDF:8422.9/19

Out: 5.472 $\pm$ 0.139 χ^2 /NDF:8233.1/23

All: 5.509 $\pm$ 0.104 χ^2 /NDF: 16656.2/43

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 11.821 ± 0.245 χ^2/NDF : 1202.1/4

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

Left In: 14.591 ± 0.295 χ^2/NDF : 35.2/2

Left: 12.952 ± 0.188 χ^2/NDF : 1289.6/7

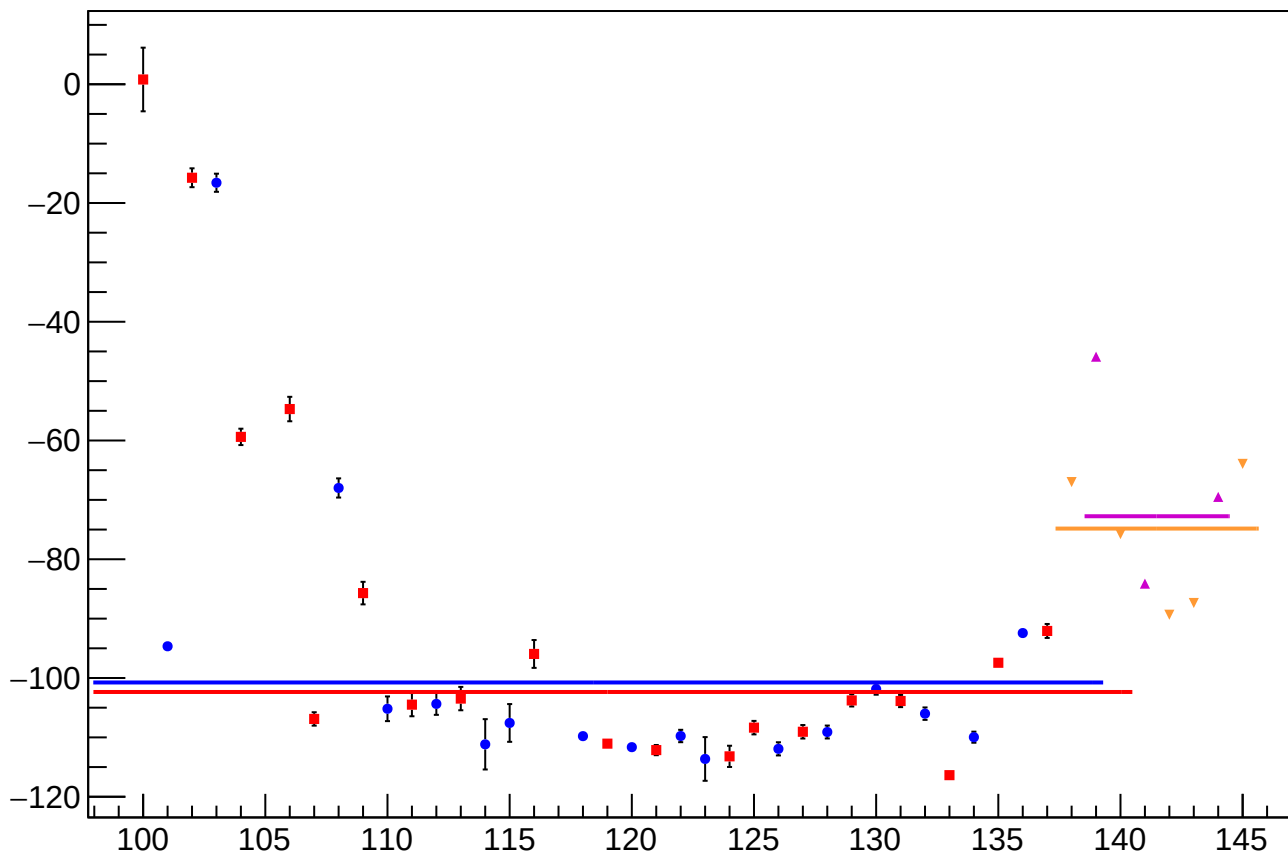
Right: 8.969 ± 0.294 χ^2/NDF : 4628.4/35

In: 12.254 ± 0.240 χ^2/NDF : 2548.1/19

Out: 11.440 ± 0.211 χ^2/NDF : 3493.4/23

All: 11.794 ± 0.159 χ^2/NDF : 6048.0/43

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -74.833 ± 0.217 χ^2/NDF : 2131.8/4

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

Left In: -72.755 ± 0.272 χ^2/NDF : 1753.8/2

Left: -74.027 ± 0.169 χ^2/NDF : 3921.4/7

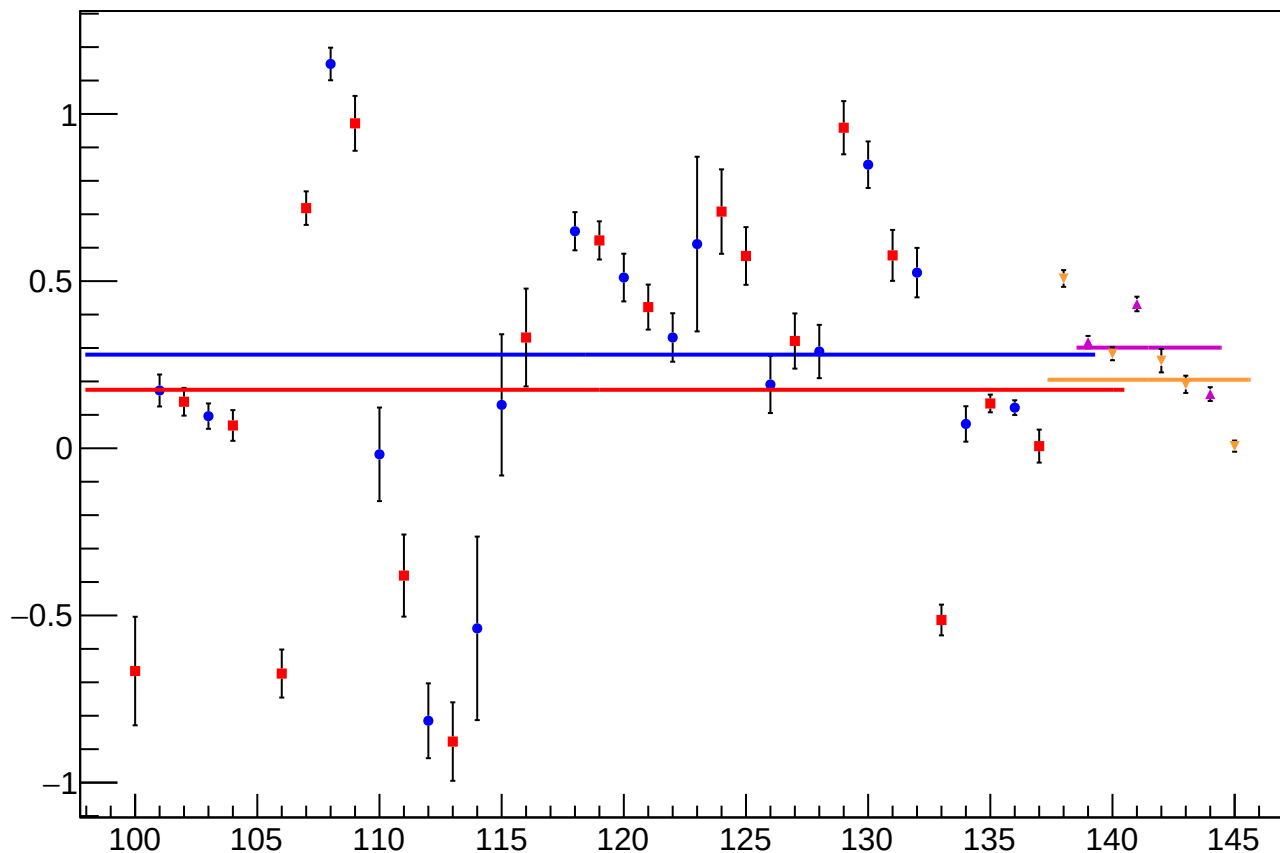
Right: -101.559 ± 0.175 χ^2/NDF : 10622.5/35

In: -88.043 ± 0.183 χ^2/NDF : 12061.6/19

Out: -86.839 ± 0.163 χ^2/NDF : 15253.5/23

All: -87.370 ± 0.122 χ^2/NDF : 27339.2/43

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.0/16

Left Out: 0.205 $\pm$ 0.010 χ^2 /NDF:307.4/4

Right Out: 0.175 $\pm$ 0.013 χ^2 /NDF: 966.7/18

Left In: 0.301 $\pm$ 0.012 χ^2 /NDF:81.9/2

Left: 0.245 $\pm$ 0.008 χ^2 /NDF: 428.6/7

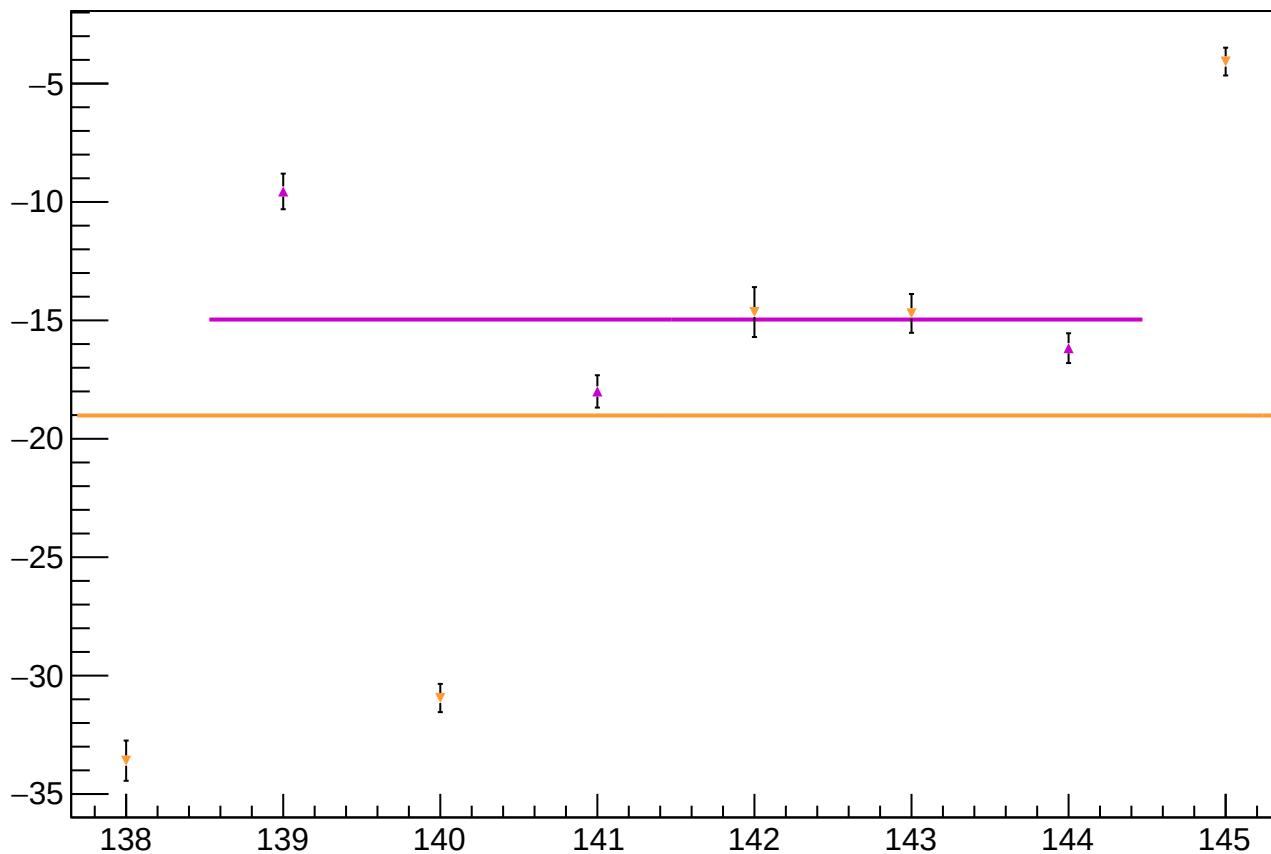
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1653.2/35

In: 0.292 $\pm$ 0.009 χ^2 /NDF:739.2/19

Out: 0.194 $\pm$ 0.008 χ^2 /NDF:1277.3/23

All: 0.238 $\pm$ 0.006 χ^2 /NDF: 2084.0/43

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -19.015+/-0.324 χ^2/NDF :1389.0/4

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

Left In: -14.964+/-0.394 χ^2/NDF :75.2/2

Left: -17.379+/-0.250 χ^2/NDF : 1527.1/7

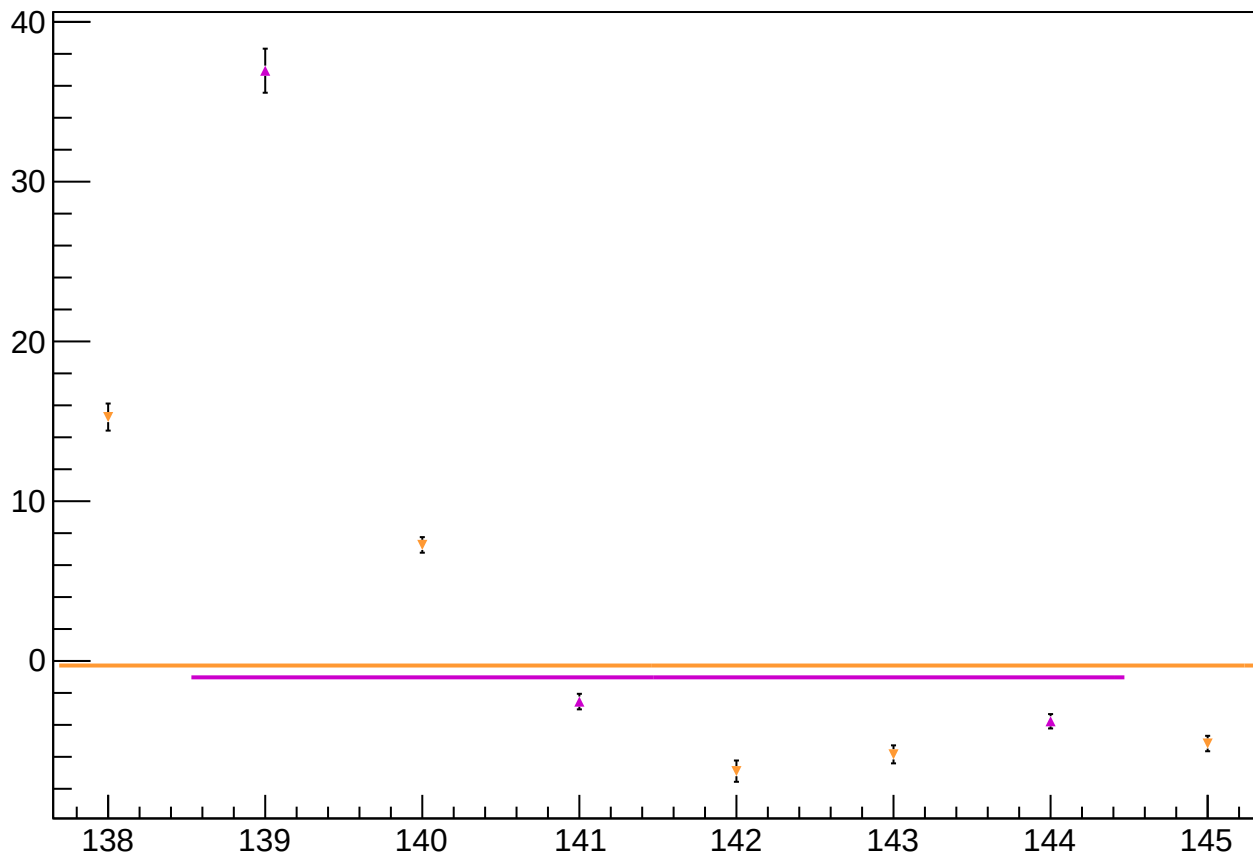
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.964+/-0.394 χ^2/NDF :75.2/2

Out: -19.015+/-0.324 χ^2/NDF :1389.0/4

All: -17.379+/-0.250 χ^2/NDF : 1527.1/7

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -0.285+/-0.256 χ^2/NDF : 873.3/4

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

Left In: -1.025+/-0.321 χ^2/NDF : 805.1/2

Left: -0.572+/-0.200 χ^2/NDF : 1681.7/7

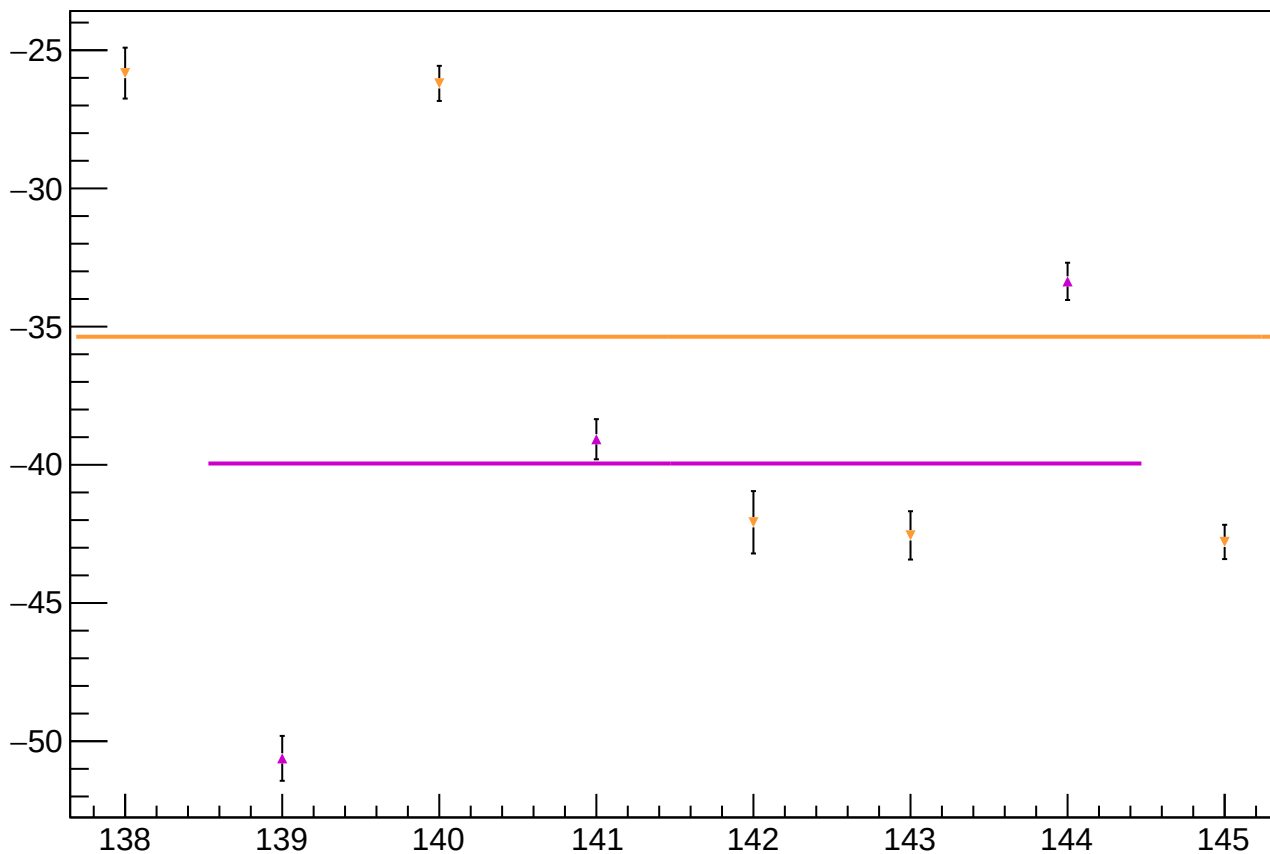
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.025+/-0.321 χ^2/NDF : 805.1/2

Out: -0.285+/-0.256 χ^2/NDF : 873.3/4

All: -0.572+/-0.200 χ^2/NDF : 1681.7/7

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -35.366+/-0.346 χ^2/NDF :562.1/4

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

Left In: -39.953+/-0.422 χ^2/NDF :269.6/2

Left: -37.209+/-0.268 χ^2/NDF : 902.3/7

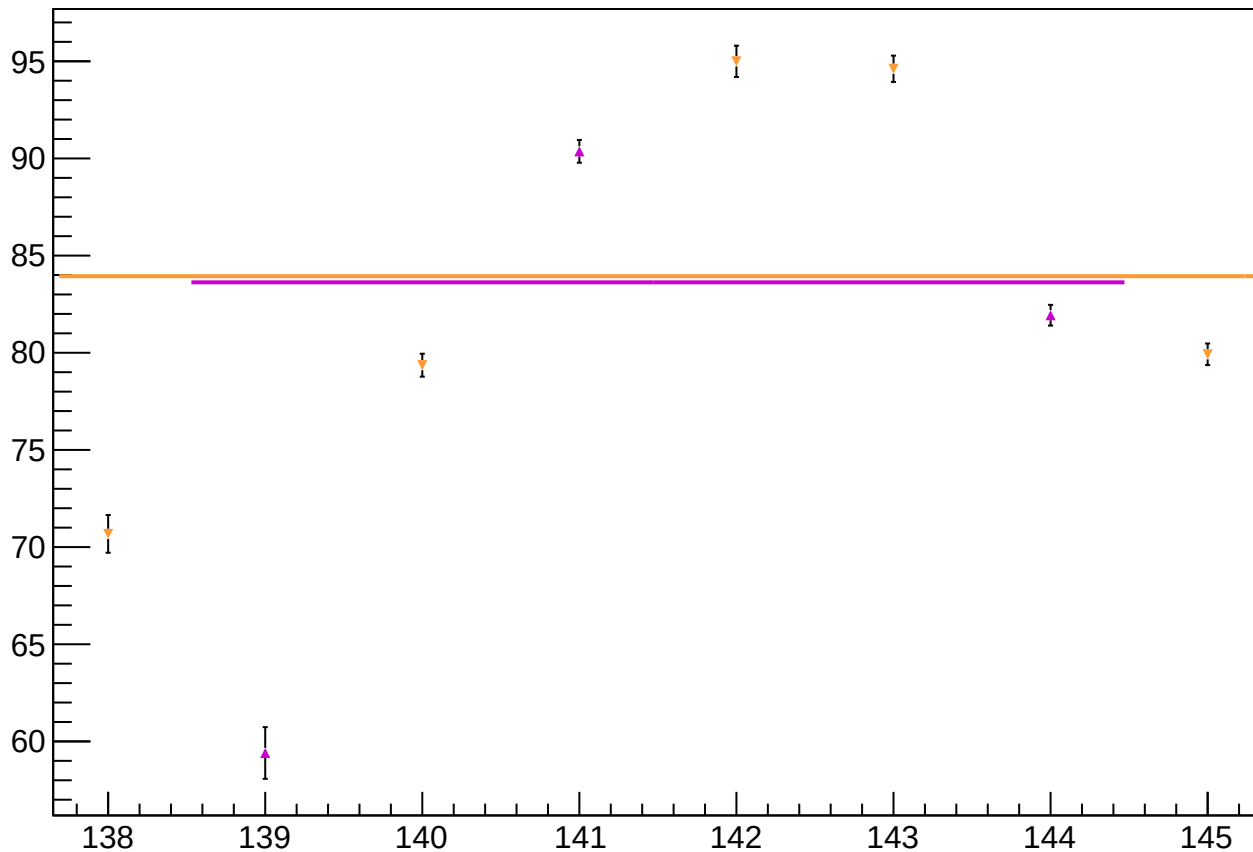
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.953+/-0.422 χ^2/NDF :269.6/2

Out: -35.366+/-0.346 χ^2/NDF :562.1/4

All: -37.209+/-0.268 χ^2/NDF : 902.3/7

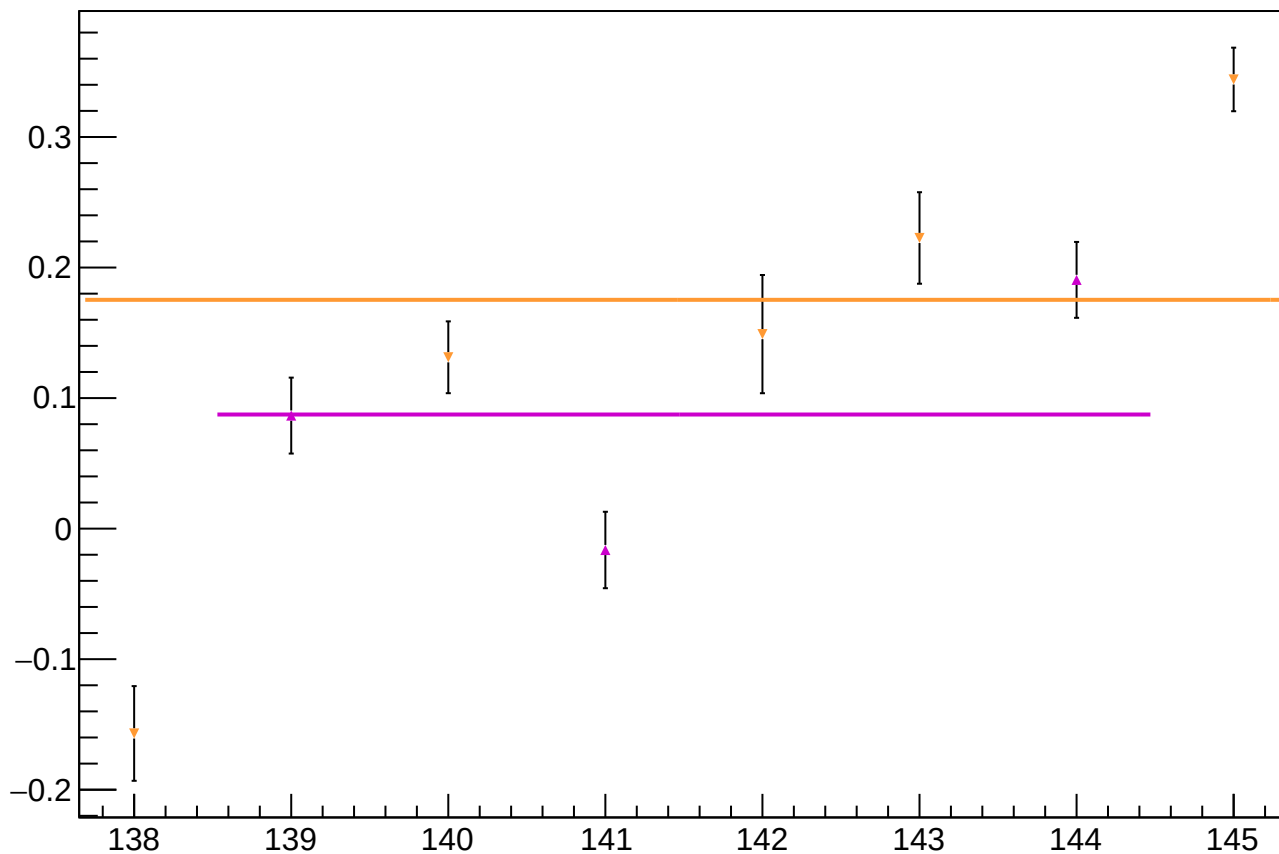
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 83.940+/-0.303 χ^2/NDF : 735.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.624+/-0.378 χ^2/NDF : 474.4/2

Left: 83.816+/-0.236 χ^2/NDF : 1210.2/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.624+/-0.378 χ^2/NDF : 474.4/2
 Out: 83.940+/-0.303 χ^2/NDF : 735.4/4
 All: 83.816+/-0.236 χ^2/NDF : 1210.2/7

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.175 $\pm$ 0.014 χ^2 /NDF:136.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.087 $\pm$ 0.017 χ^2 /NDF:25.2/2

Left: 0.139 $\pm$ 0.011 χ^2 /NDF: 177.9/7

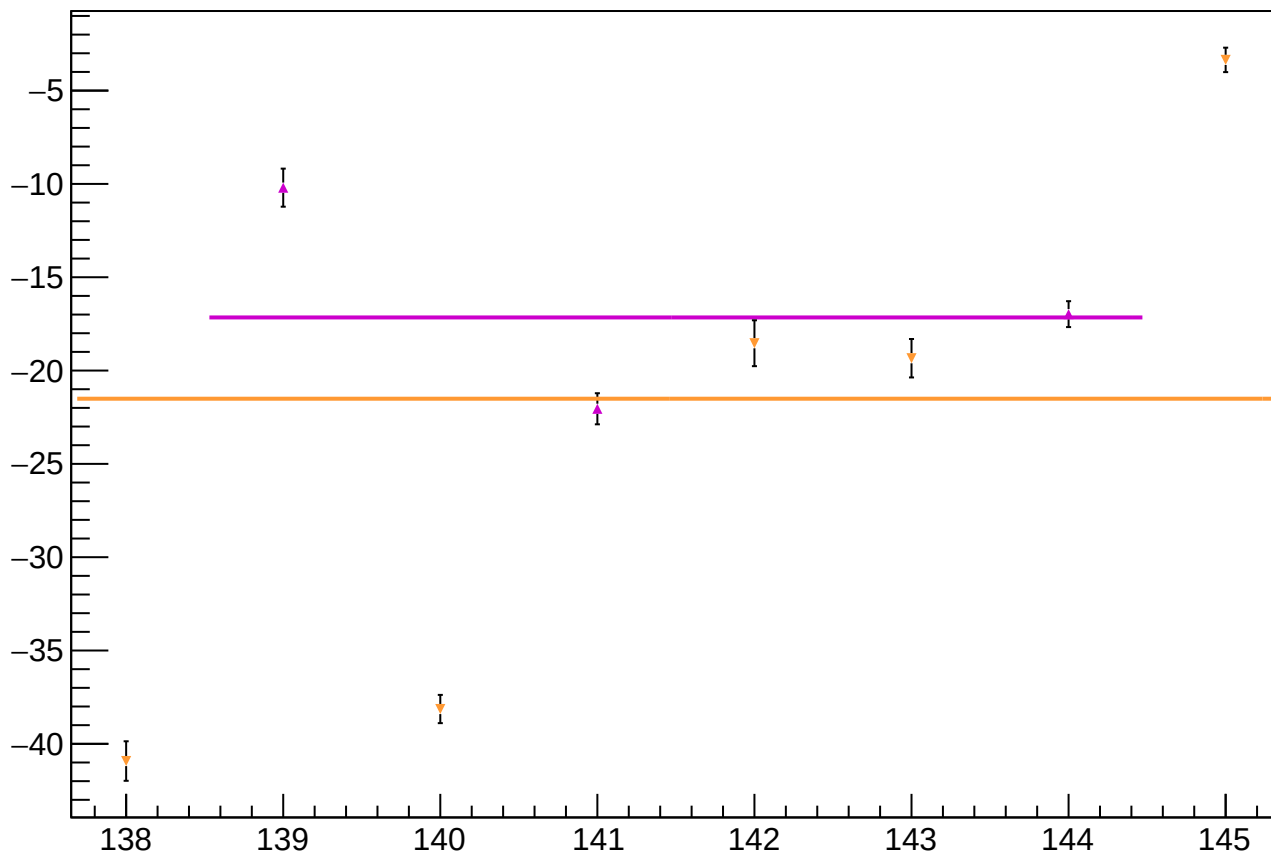
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.087 $\pm$ 0.017 χ^2 /NDF:25.2/2

Out: 0.175 $\pm$ 0.014 χ^2 /NDF:136.7/4

All: 0.139 $\pm$ 0.011 χ^2 /NDF: 177.9/7

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -21.509+/-0.390 χ^2/NDF :1597.7/4

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

Left In: -17.154+/-0.473 χ^2/NDF :81.0/2

Left: -19.744+/-0.301 χ^2/NDF : 1729.2/7

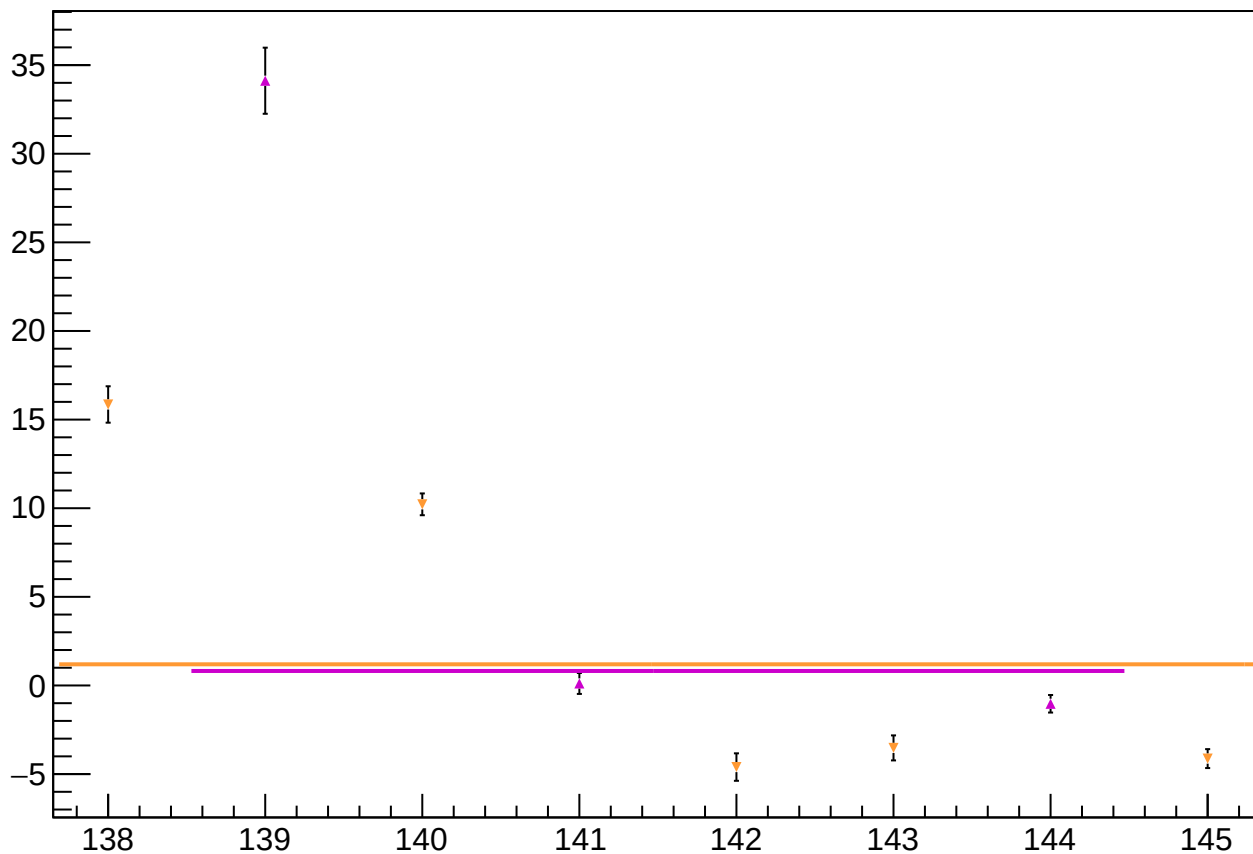
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.154+/-0.473 χ^2/NDF :81.0/2

Out: -21.509+/-0.390 χ^2/NDF :1597.7/4

All: -19.744+/-0.301 χ^2/NDF : 1729.2/7

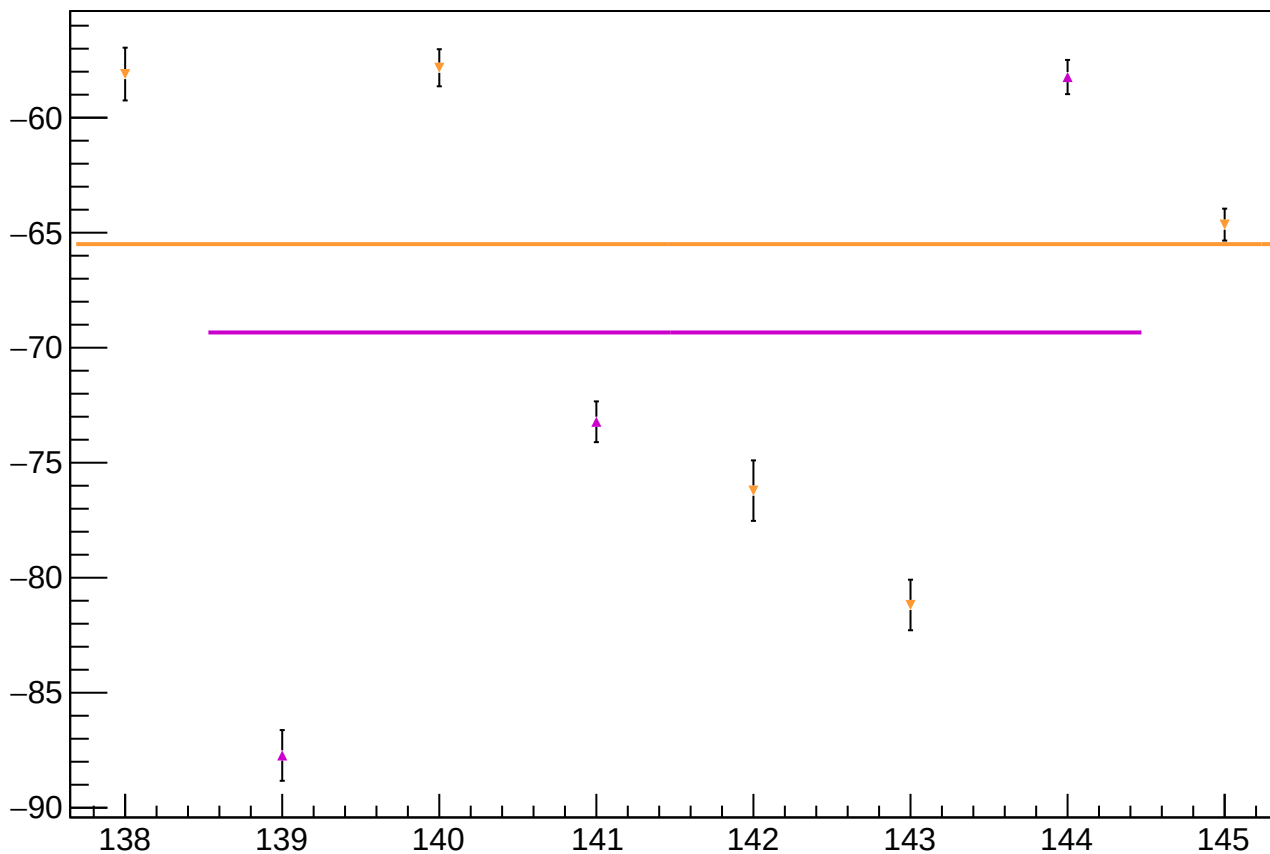
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.194+/-0.305 χ^2/NDF :619.5/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.817+/-0.372 χ^2/NDF :334.3/2

Left: 1.042+/-0.236 χ^2/NDF : 954.4/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.817+/-0.372 χ^2/NDF :334.3/2
 Out: 1.194+/-0.305 χ^2/NDF :619.5/4
 All: 1.042+/-0.236 χ^2/NDF : 954.4/7

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -65.497+/-0.416 χ^2/NDF :403.7/4

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

Left In: -69.337+/-0.506 χ^2/NDF :520.7/2

Left: -67.046+/-0.321 χ^2/NDF : 958.7/7

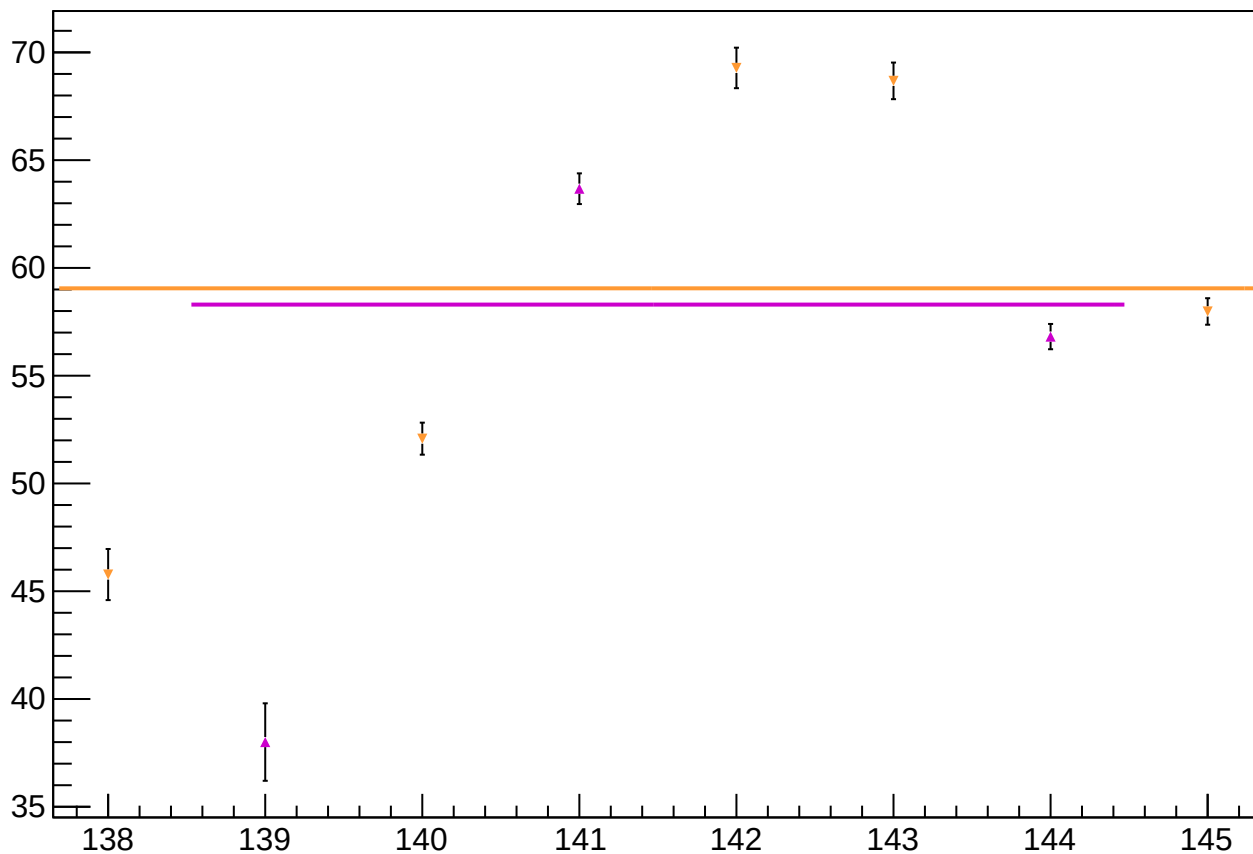
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.337+/-0.506 χ^2/NDF :520.7/2

Out: -65.497+/-0.416 χ^2/NDF :403.7/4

All: -67.046+/-0.321 χ^2/NDF : 958.7/7

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 59.053+/-0.361 χ^2/NDF :463.4/4

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

Left In: 58.299+/-0.439 χ^2/NDF :190.9/2

Left: 58.749+/-0.279 χ^2/NDF : 656.0/7

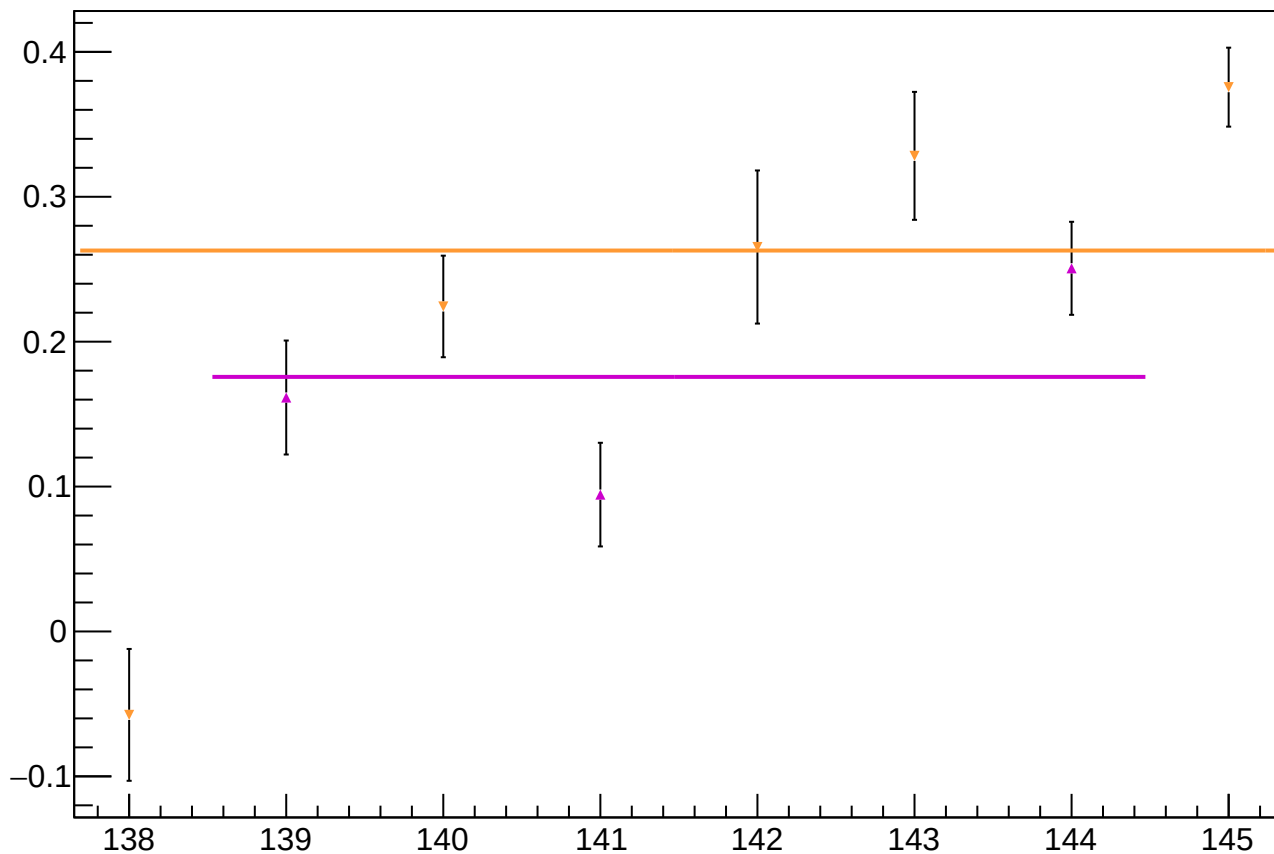
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.299+/-0.439 χ^2/NDF :190.9/2

Out: 59.053+/-0.361 χ^2/NDF :463.4/4

All: 58.749+/-0.279 χ^2/NDF : 656.0/7

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.263+/-0.017 χ^2/NDF : 70.1/4

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

Left In: 0.176+/-0.020 χ^2/NDF : 10.7/2

Left: 0.228+/-0.013 χ^2/NDF : 91.7/7

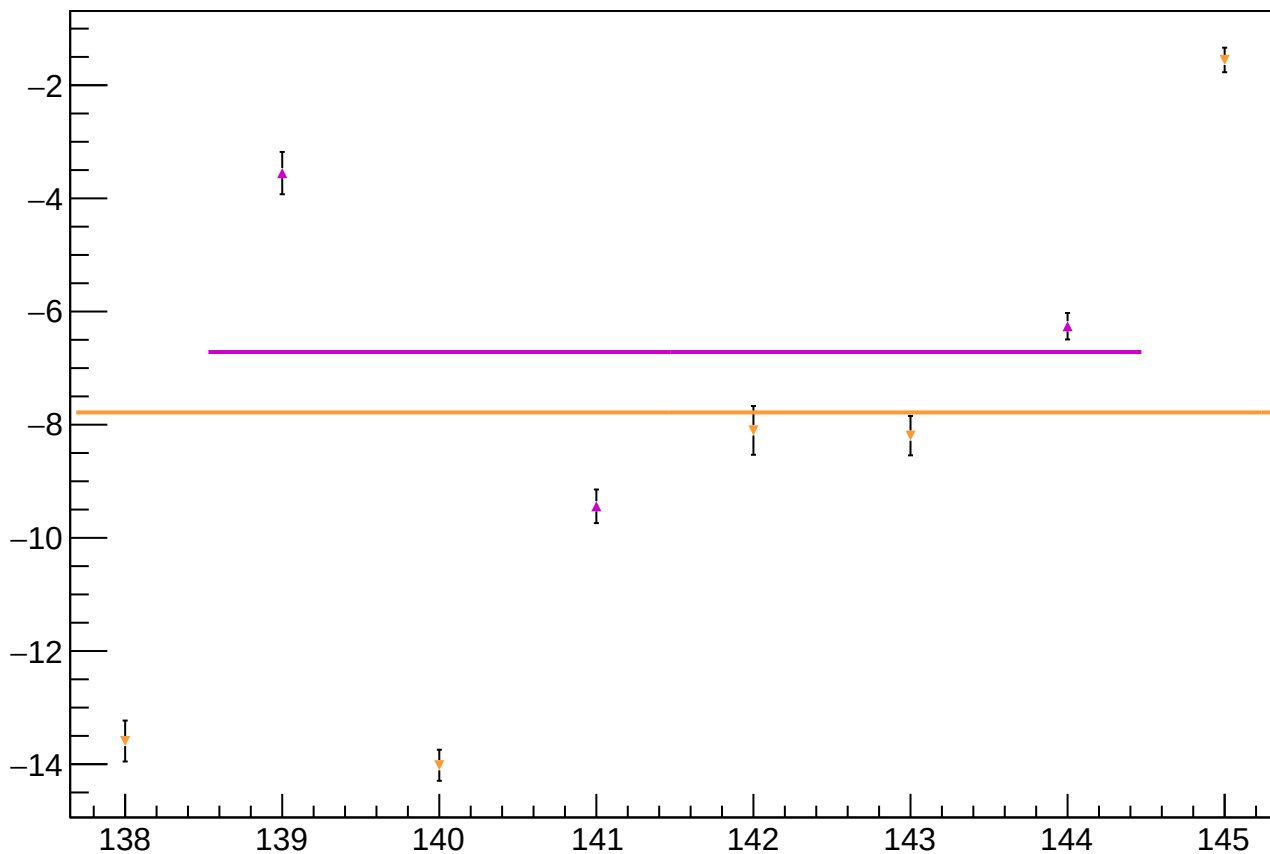
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.176+/-0.020 χ^2/NDF : 10.7/2

Out: 0.263+/-0.017 χ^2/NDF : 70.1/4

All: 0.228+/-0.013 χ^2/NDF : 91.7/7

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.783+/-0.134 χ^2/NDF :1599.6/4

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

Left In: -6.716+/-0.165 χ^2/NDF :159.6/2

Left: -7.359+/-0.104 χ^2/NDF : 1784.4/7

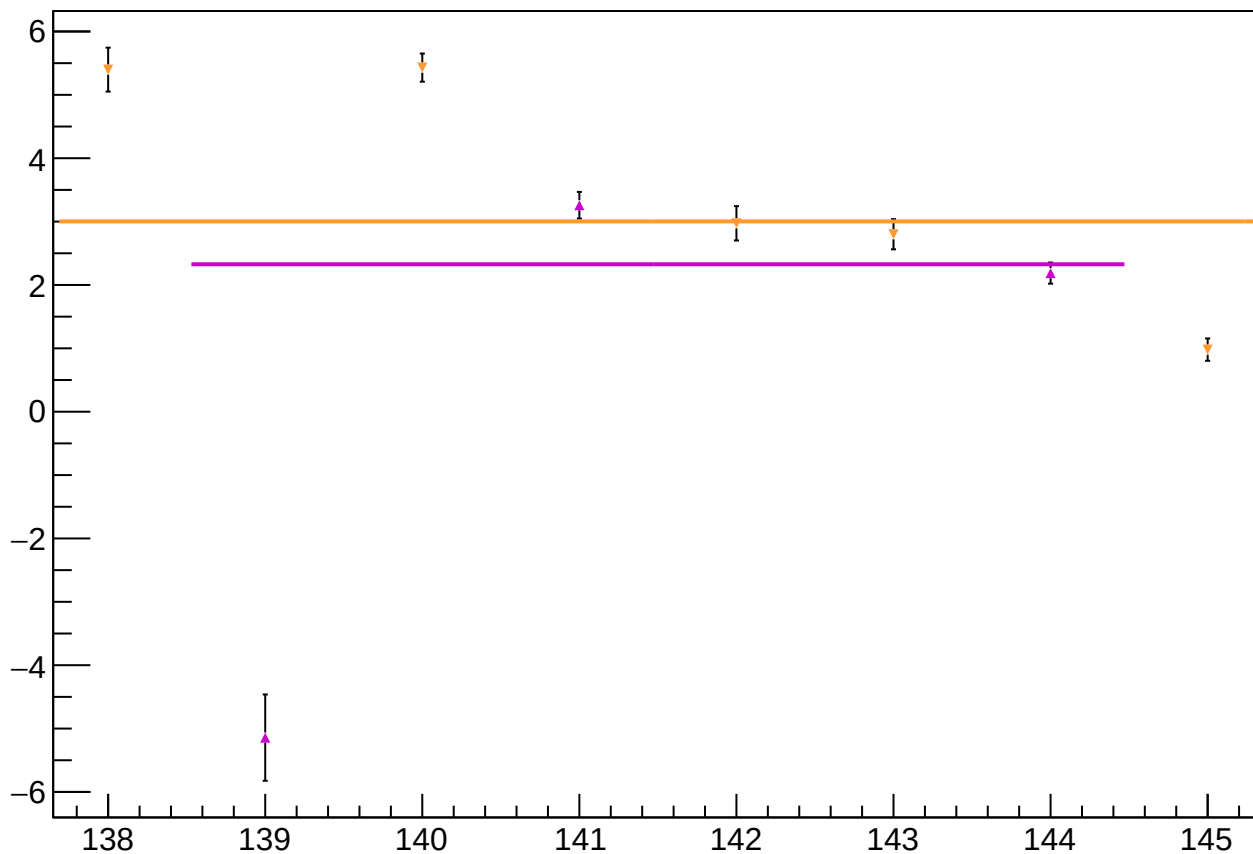
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.716+/-0.165 χ^2/NDF :159.6/2

Out: -7.783+/-0.134 χ^2/NDF :1599.6/4

All: -7.359+/-0.104 χ^2/NDF : 1784.4/7

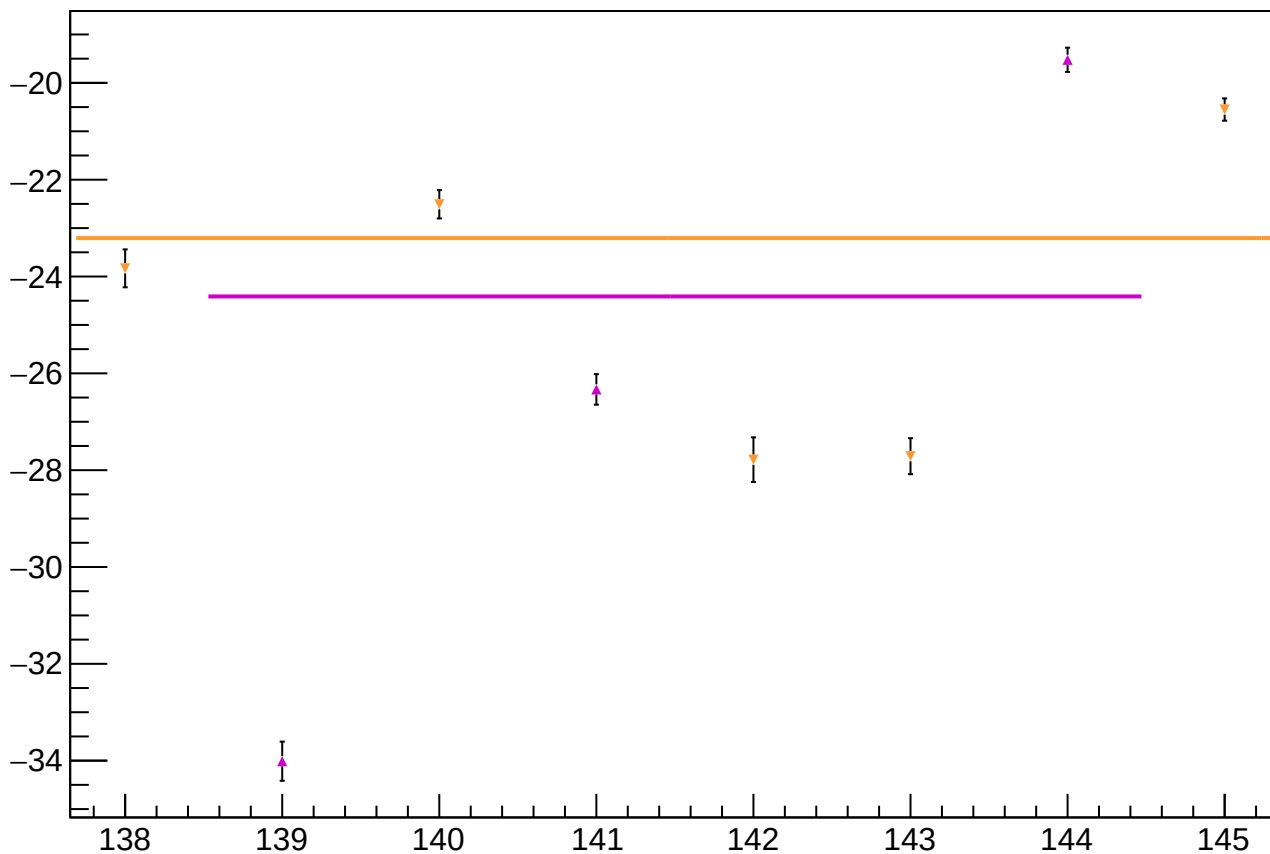
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.003 $\pm$ 0.104 χ^2 /NDF:299.4/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.327 $\pm$ 0.128 χ^2 /NDF:140.6/2

Left: 2.734 $\pm$ 0.081 χ^2 /NDF: 456.7/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.327 $\pm$ 0.128 χ^2 /NDF:140.6/2
 Out: 3.003 $\pm$ 0.104 χ^2 /NDF:299.4/4
 All: 2.734 $\pm$ 0.081 χ^2 /NDF: 456.7/7

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -23.206+/-0.143 χ^2/NDF :386.4/4

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

Left In: -24.411+/-0.177 χ^2/NDF :981.0/2

Left: -23.683+/-0.111 χ^2/NDF : 1395.6/7

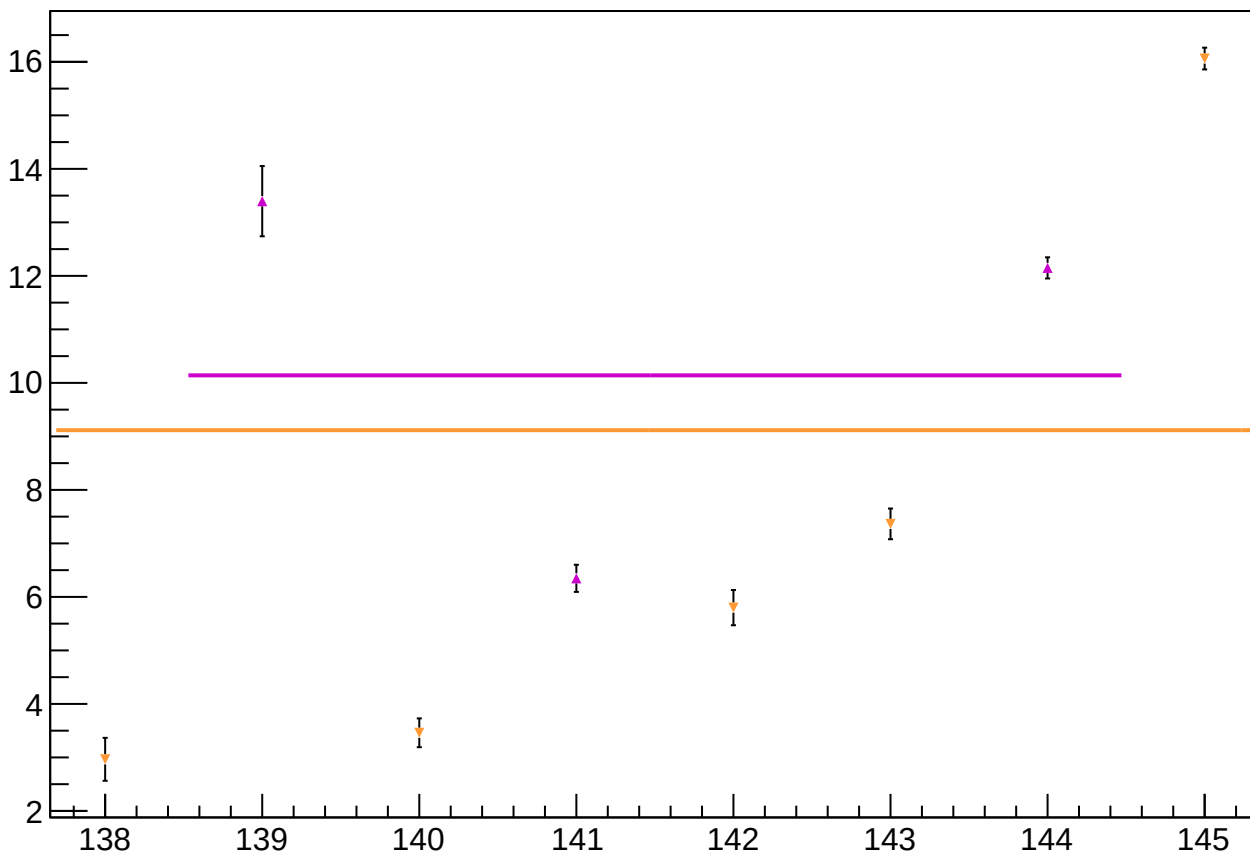
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.411+/-0.177 χ^2/NDF :981.0/2

Out: -23.206+/-0.143 χ^2/NDF :386.4/4

All: -23.683+/-0.111 χ^2/NDF : 1395.6/7

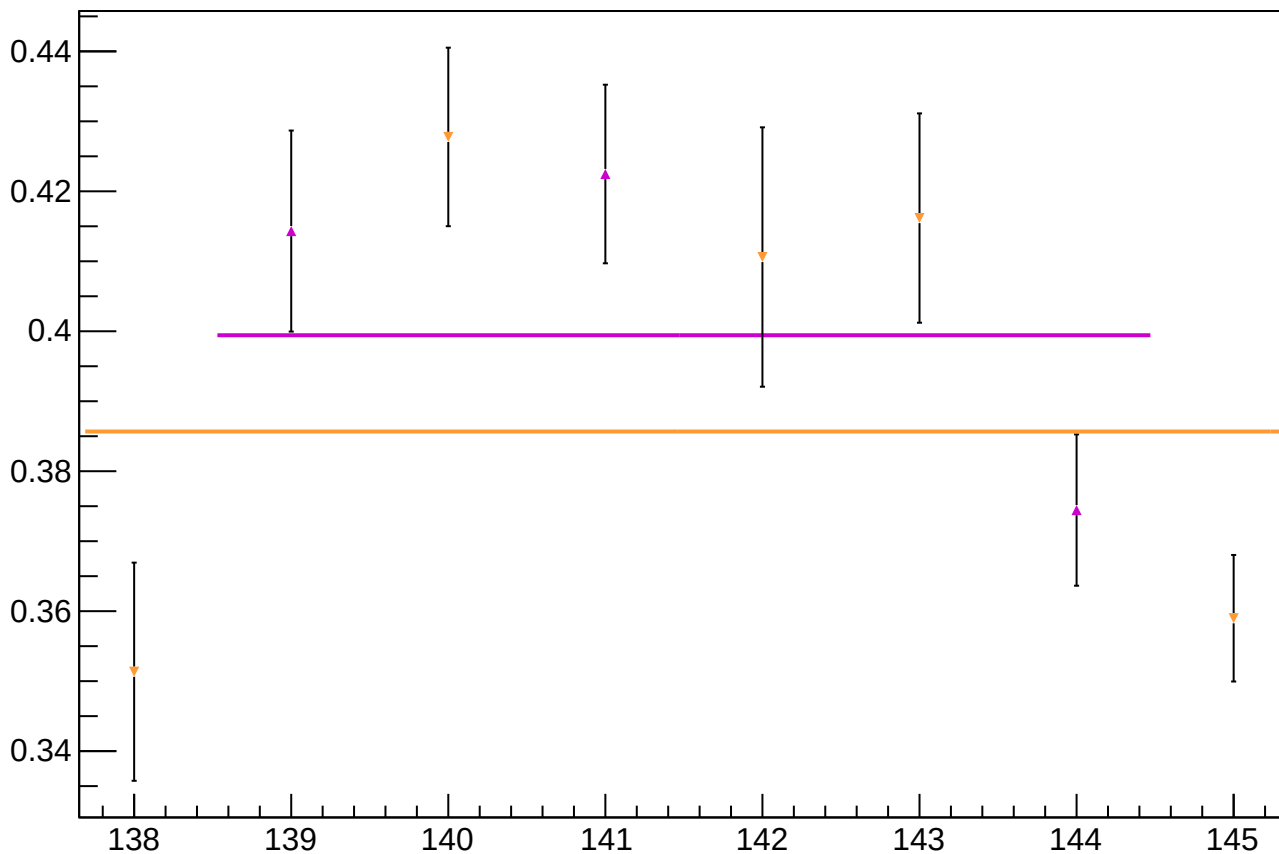
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.116+/-0.123 χ^2/NDF :1983.9/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.141+/-0.152 χ^2/NDF :351.6/2

Left: 9.525+/-0.096 χ^2/NDF : 2363.0/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.141+/-0.152 χ^2/NDF :351.6/2
 Out: 9.116+/-0.123 χ^2/NDF :1983.9/4
 All: 9.525+/-0.096 χ^2/NDF : 2363.0/7

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.386 $\pm$ 0.006 χ^2 /NDF:30.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.399 $\pm$ 0.007 χ^2 /NDF:9.7/2

Left: 0.391 $\pm$ 0.004 χ^2 /NDF: 42.3/7

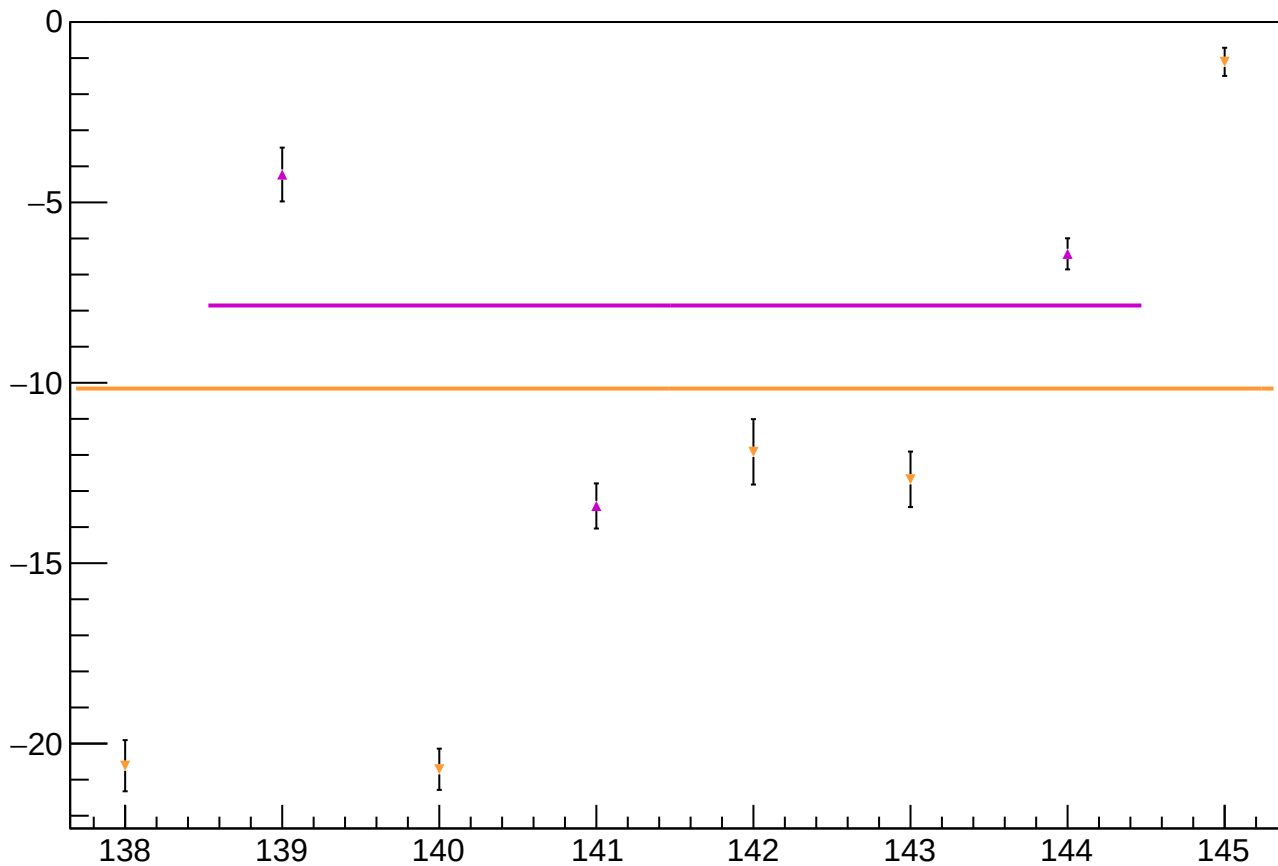
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.399 $\pm$ 0.007 χ^2 /NDF:9.7/2

Out: 0.386 $\pm$ 0.006 χ^2 /NDF:30.4/4

All: 0.391 $\pm$ 0.004 χ^2 /NDF: 42.3/7

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -10.160 ± 0.262 χ^2/NDF : 1112.1/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -7.858 ± 0.321 χ^2/NDF : 113.7/2

Left: -9.236 ± 0.203 χ^2/NDF : 1256.7/7

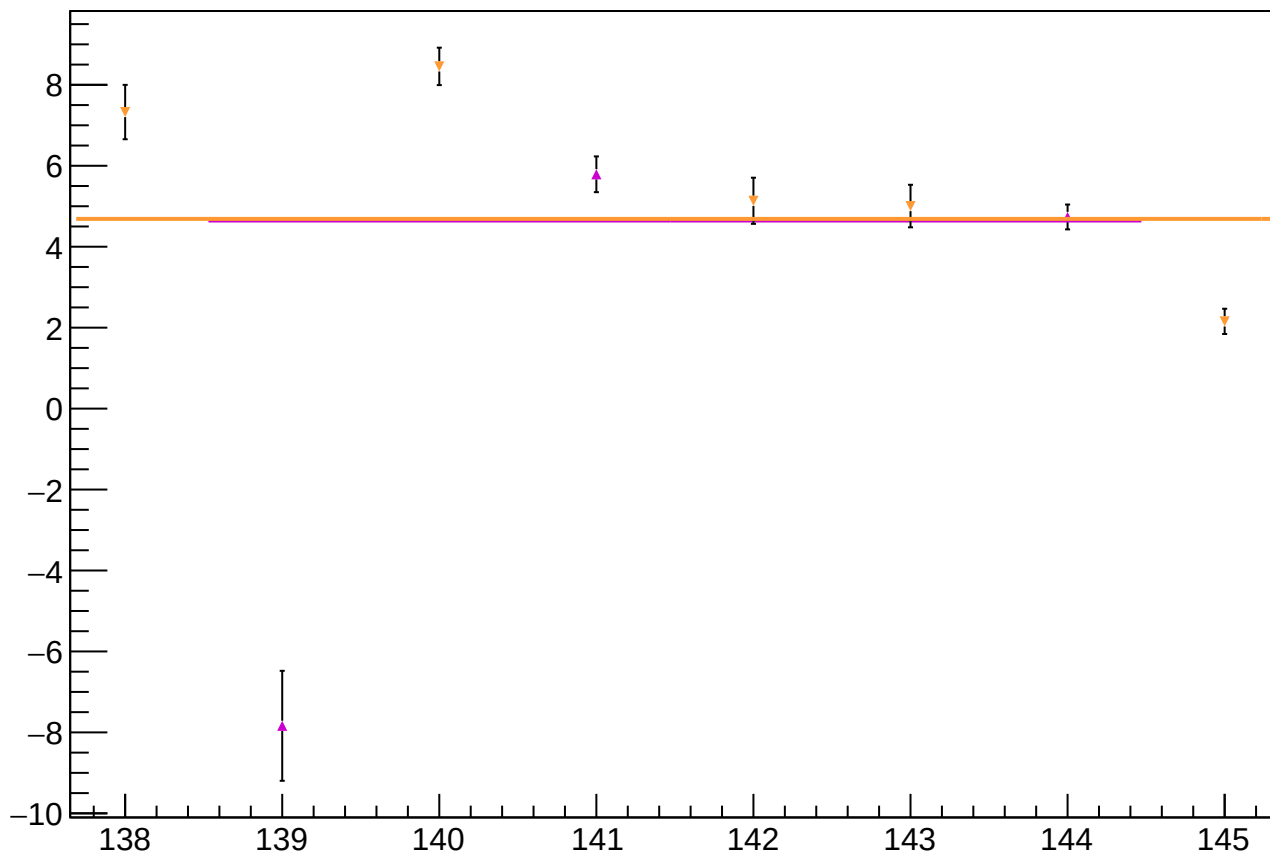
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -7.858 ± 0.321 χ^2/NDF : 113.7/2

Out: -10.160 ± 0.262 χ^2/NDF : 1112.1/4

All: -9.236 ± 0.203 χ^2/NDF : 1256.7/7

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 4.688+/-0.205 χ^2/NDF :148.7/4

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

Left In: 4.648+/-0.248 χ^2/NDF :91.2/2

Left: 4.672+/-0.158 χ^2/NDF : 239.9/7

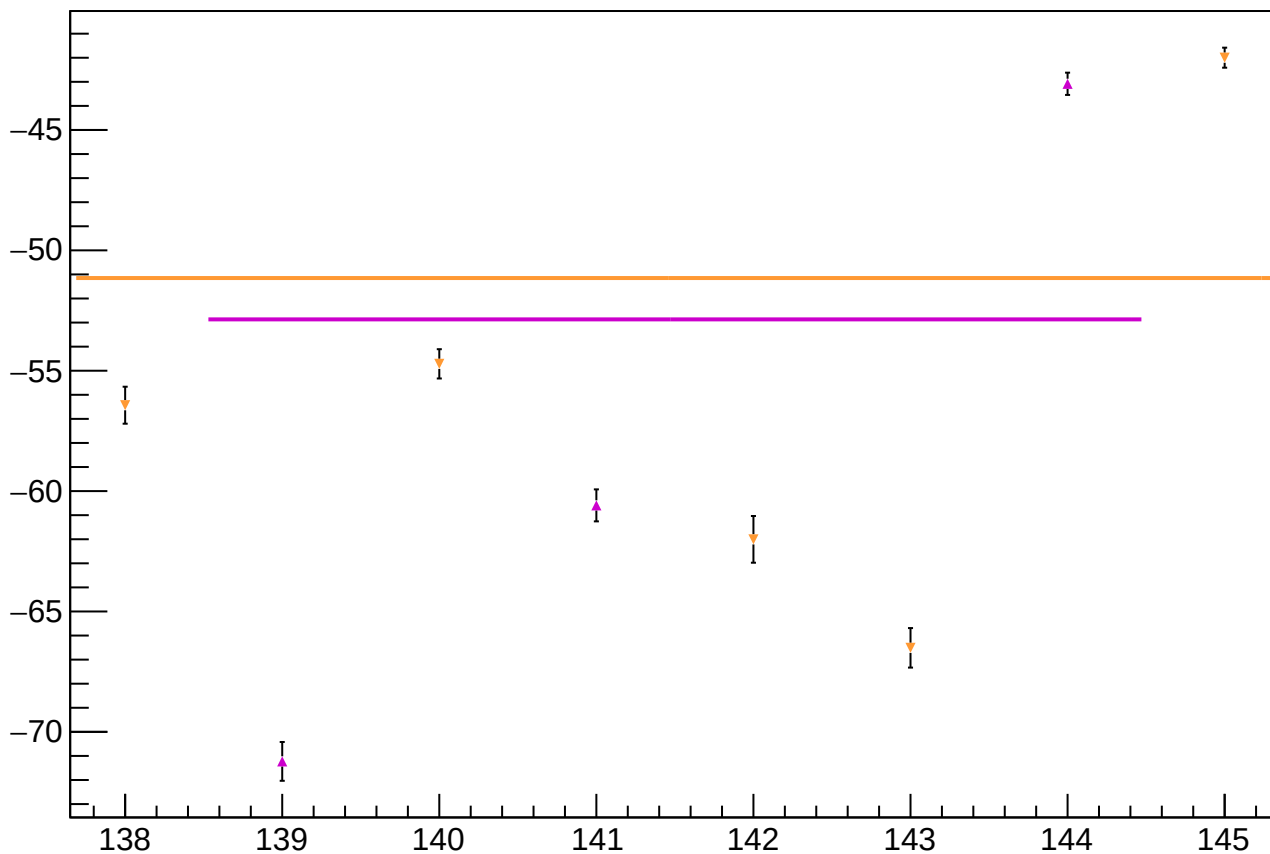
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.648+/-0.248 χ^2/NDF :91.2/2

Out: 4.688+/-0.205 χ^2/NDF :148.7/4

All: 4.672+/-0.158 χ^2/NDF : 239.9/7

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -51.150+/-0.280 χ^2/NDF :1041.3/4

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

Left In: -52.867+/-0.343 χ^2/NDF :1101.7/2

Left: -51.837+/-0.217 χ^2/NDF : 2157.9/7

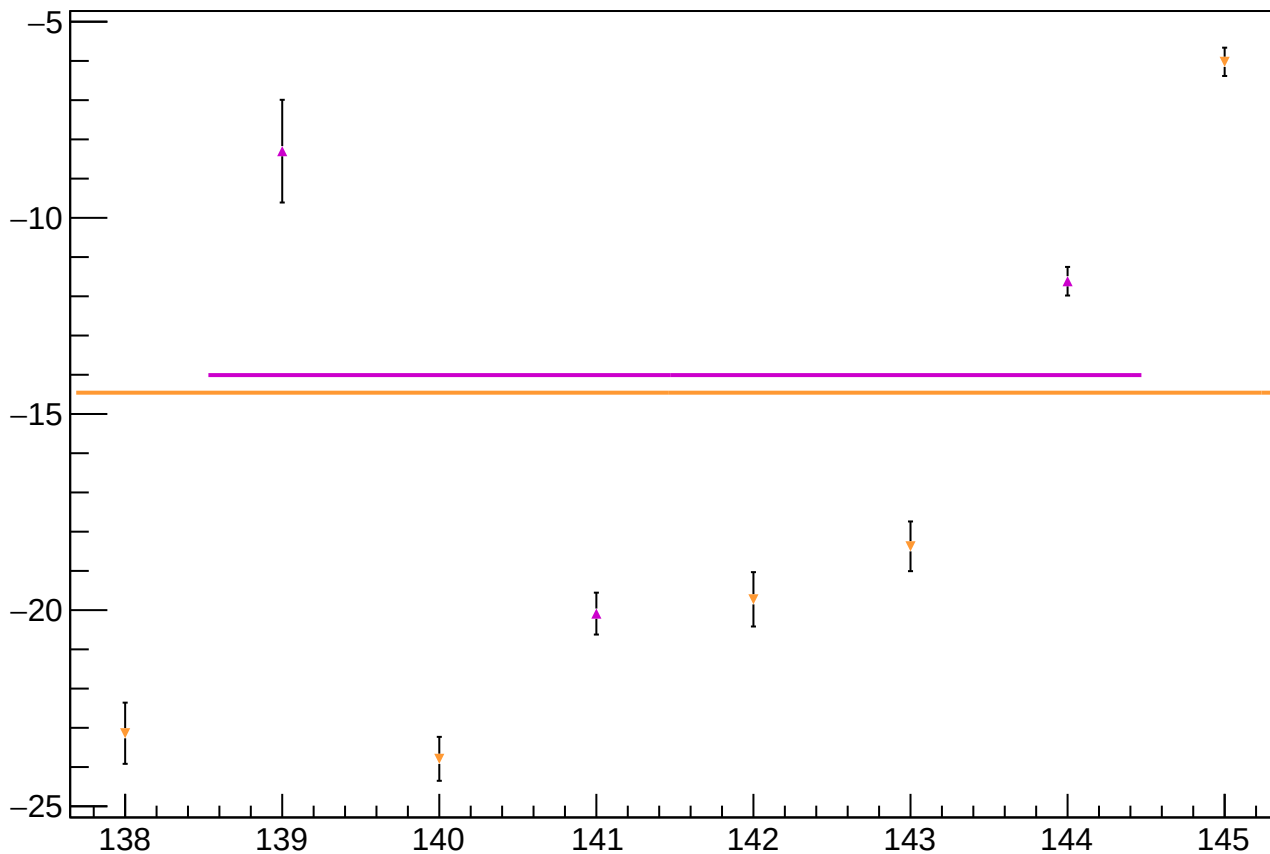
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.867+/-0.343 χ^2/NDF :1101.7/2

Out: -51.150+/-0.280 χ^2/NDF :1041.3/4

All: -51.837+/-0.217 χ^2/NDF : 2157.9/7

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -14.457+/-0.242 χ^2/NDF :1044.0/4

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

Left In: -14.009+/-0.293 χ^2/NDF :191.8/2

Left: -14.275+/-0.187 χ^2/NDF : 1237.1/7

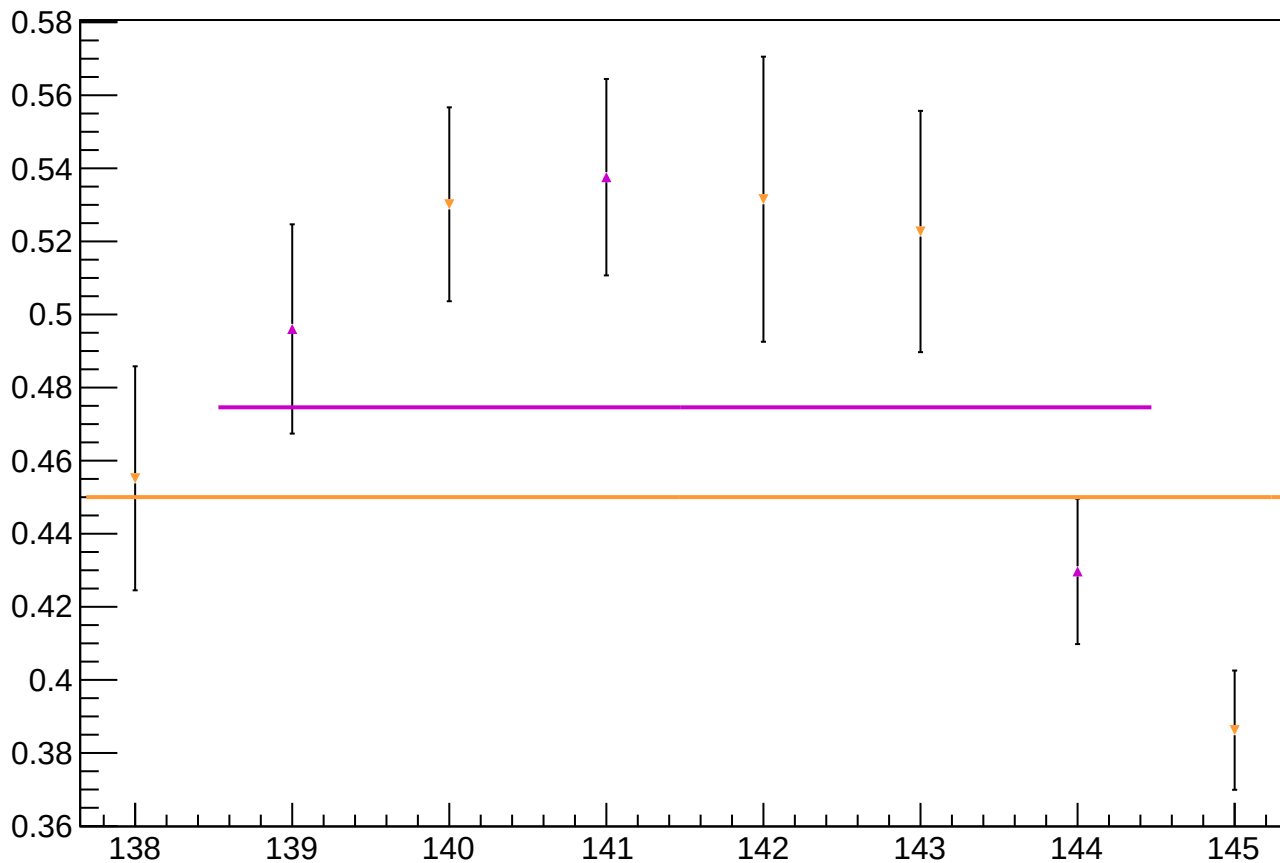
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.009+/-0.293 χ^2/NDF :191.8/2

Out: -14.457+/-0.242 χ^2/NDF :1044.0/4

All: -14.275+/-0.187 χ^2/NDF : 1237.1/7

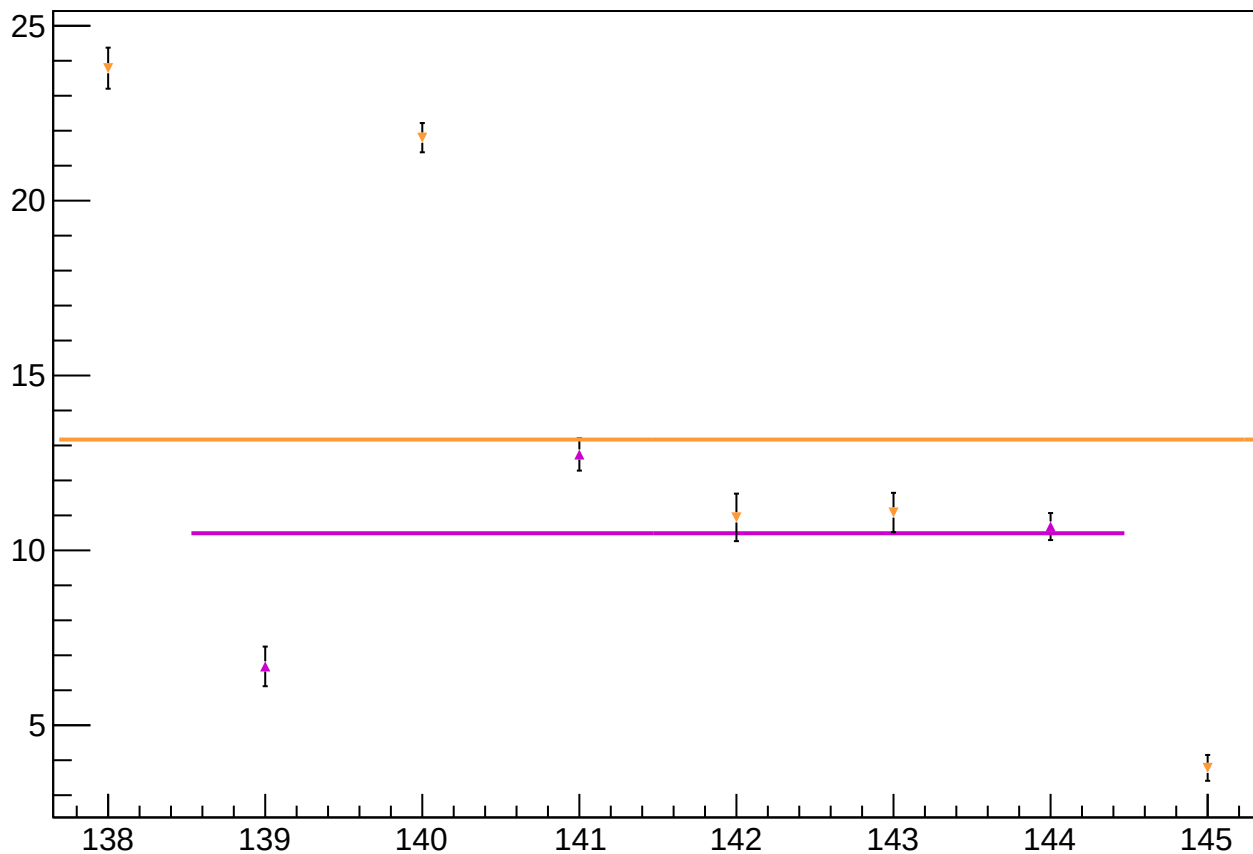
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.450 $\pm$ 0.011 χ^2 /NDF:33.6/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.475 $\pm$ 0.014 χ^2 /NDF:11.1/2

Left: 0.460 $\pm$ 0.009 χ^2 /NDF: 46.7/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.475 $\pm$ 0.014 χ^2 /NDF:11.1/2
 Out: 0.450 $\pm$ 0.011 χ^2 /NDF:33.6/4
 All: 0.460 $\pm$ 0.009 χ^2 /NDF: 46.7/7

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 13.169+/-0.217 χ^2 /NDF:1423.6/4

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

Left In: 10.490+/-0.262 χ^2 /NDF:69.3/2

Left: 12.082+/-0.167 χ^2 /NDF: 1554.8/7

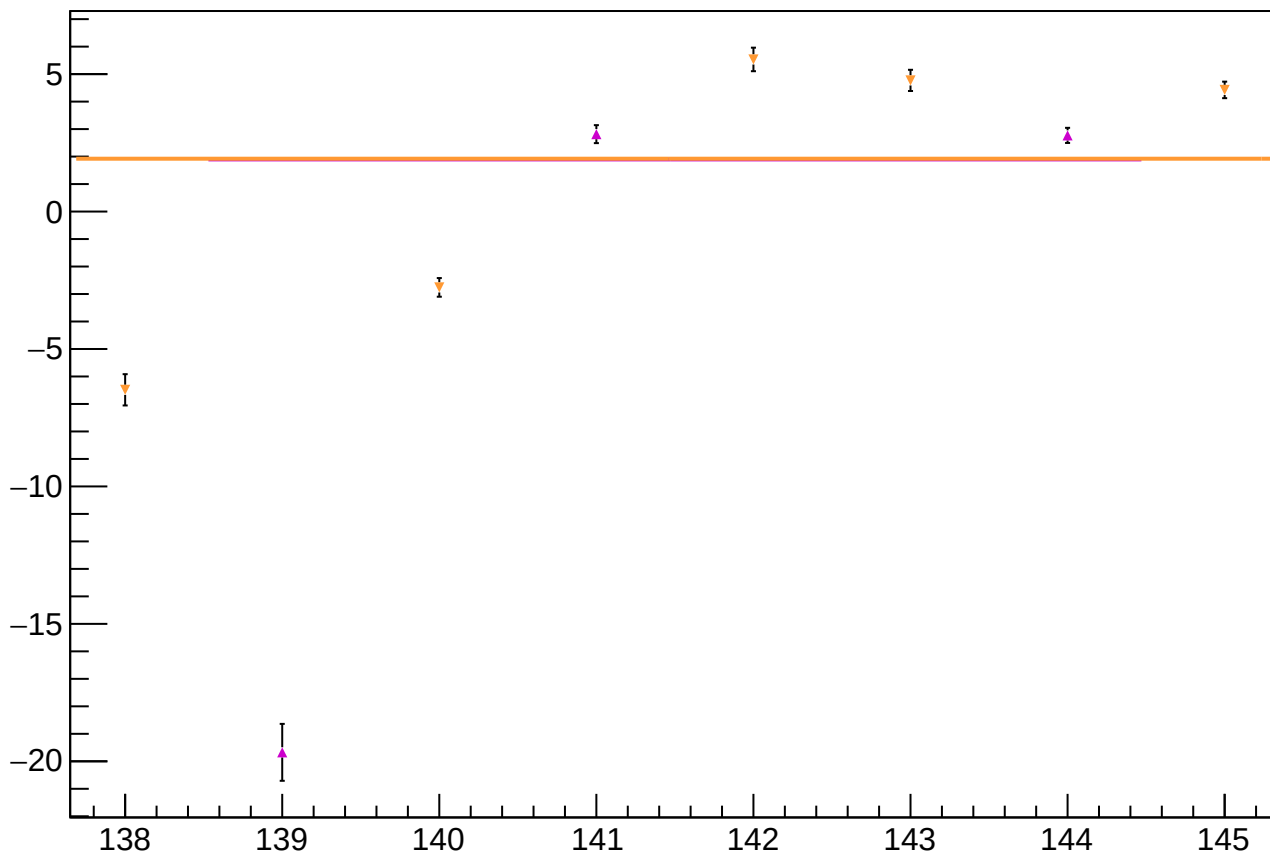
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 10.490+/-0.262 χ^2 /NDF:69.3/2

Out: 13.169+/-0.217 χ^2 /NDF:1423.6/4

All: 12.082+/-0.167 χ^2 /NDF: 1554.8/7

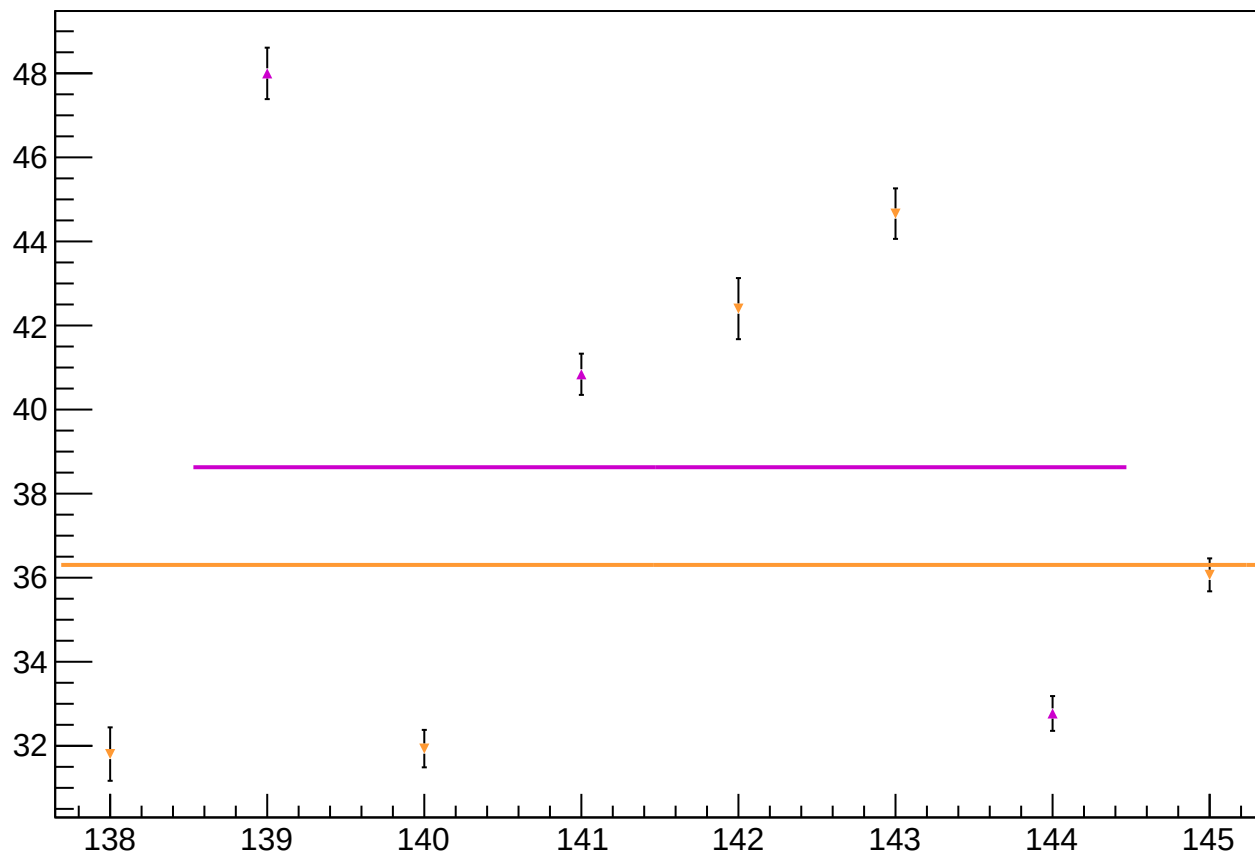
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.922+/-0.169 χ^2/NDF :603.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.897+/-0.206 χ^2/NDF :452.1/2

Left: 1.912+/-0.131 χ^2/NDF : 1055.5/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.897+/-0.206 χ^2/NDF :452.1/2
 Out: 1.922+/-0.169 χ^2/NDF :603.4/4
 All: 1.912+/-0.131 χ^2/NDF : 1055.5/7

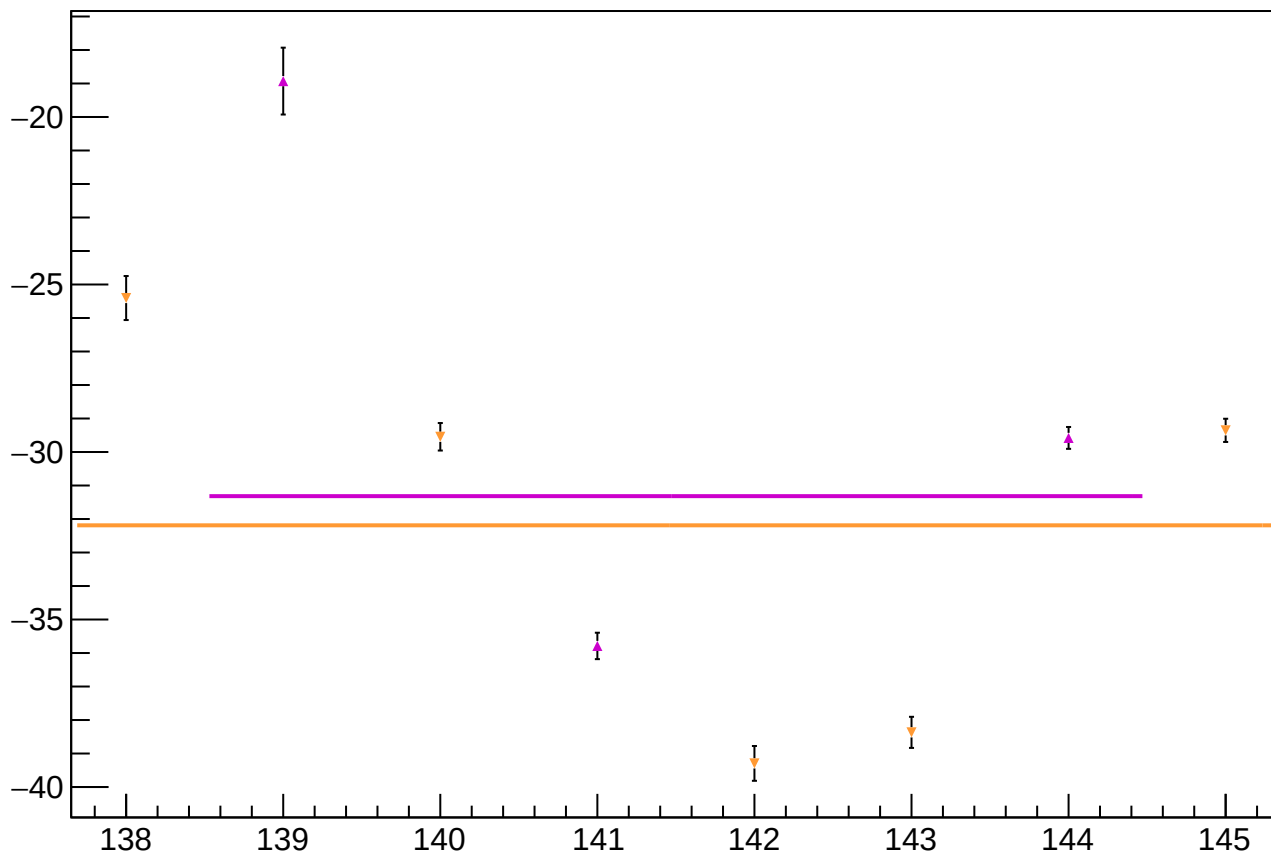
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 36.304+/-0.231 χ^2/NDF : 410.6/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 38.628+/-0.281 χ^2/NDF : 455.2/2

Left: 37.243+/-0.179 χ^2/NDF : 906.6/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 38.628+/-0.281 χ^2/NDF : 455.2/2
 Out: 36.304+/-0.231 χ^2/NDF : 410.6/4
 All: 37.243+/-0.179 χ^2/NDF : 906.6/7

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -32.188+/-0.200 χ^2/NDF : 579.4/4

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

Left In: -31.317+/-0.244 χ^2/NDF : 311.1/2

Left: -31.837+/-0.155 χ^2/NDF : 898.1/7

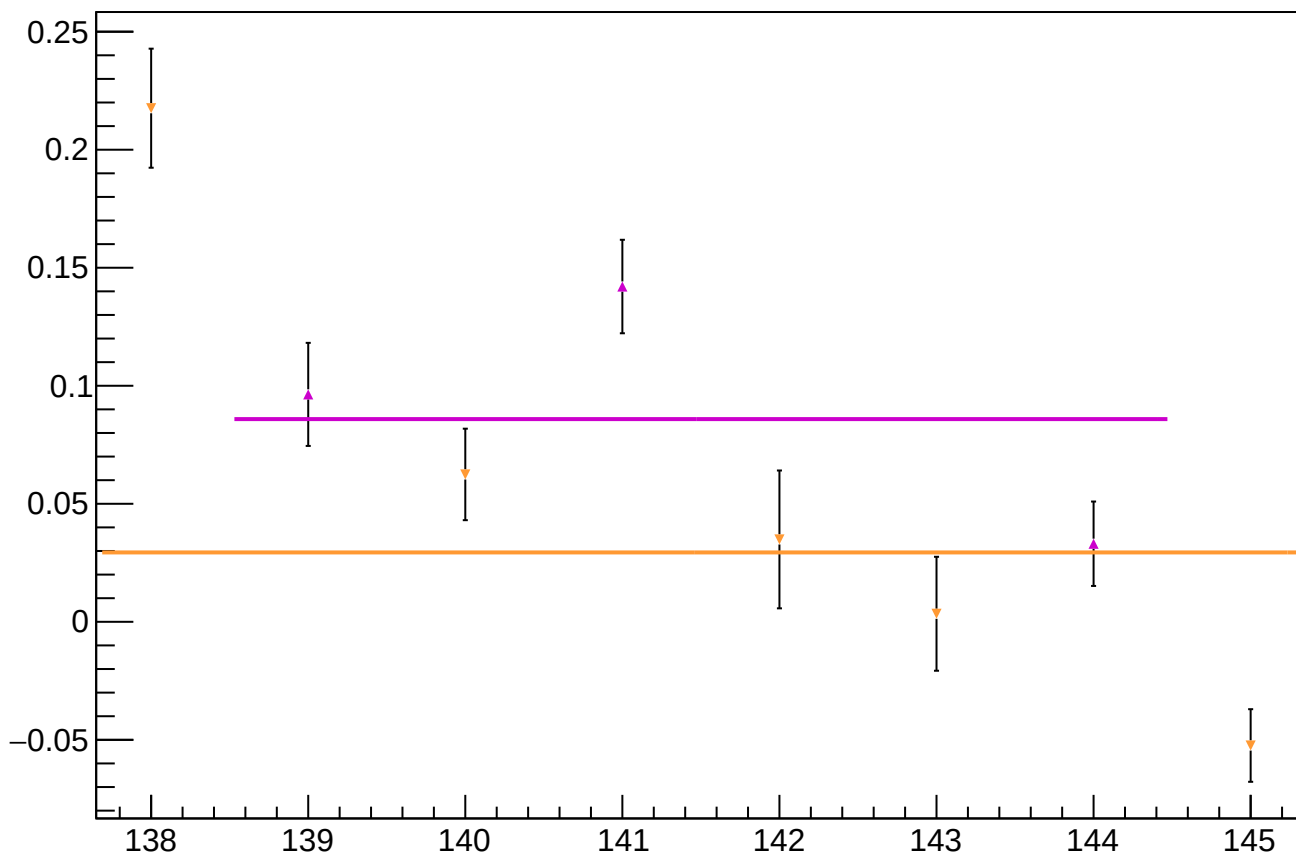
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.317+/-0.244 χ^2/NDF : 311.1/2

Out: -32.188+/-0.200 χ^2/NDF : 579.4/4

All: -31.837+/-0.155 χ^2/NDF : 898.1/7

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.029+/-0.009 χ^2/NDF :88.1/4

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

Left In: 0.086+/-0.011 χ^2/NDF :17.0/2

Left: 0.052+/-0.007 χ^2/NDF : 119.8/7

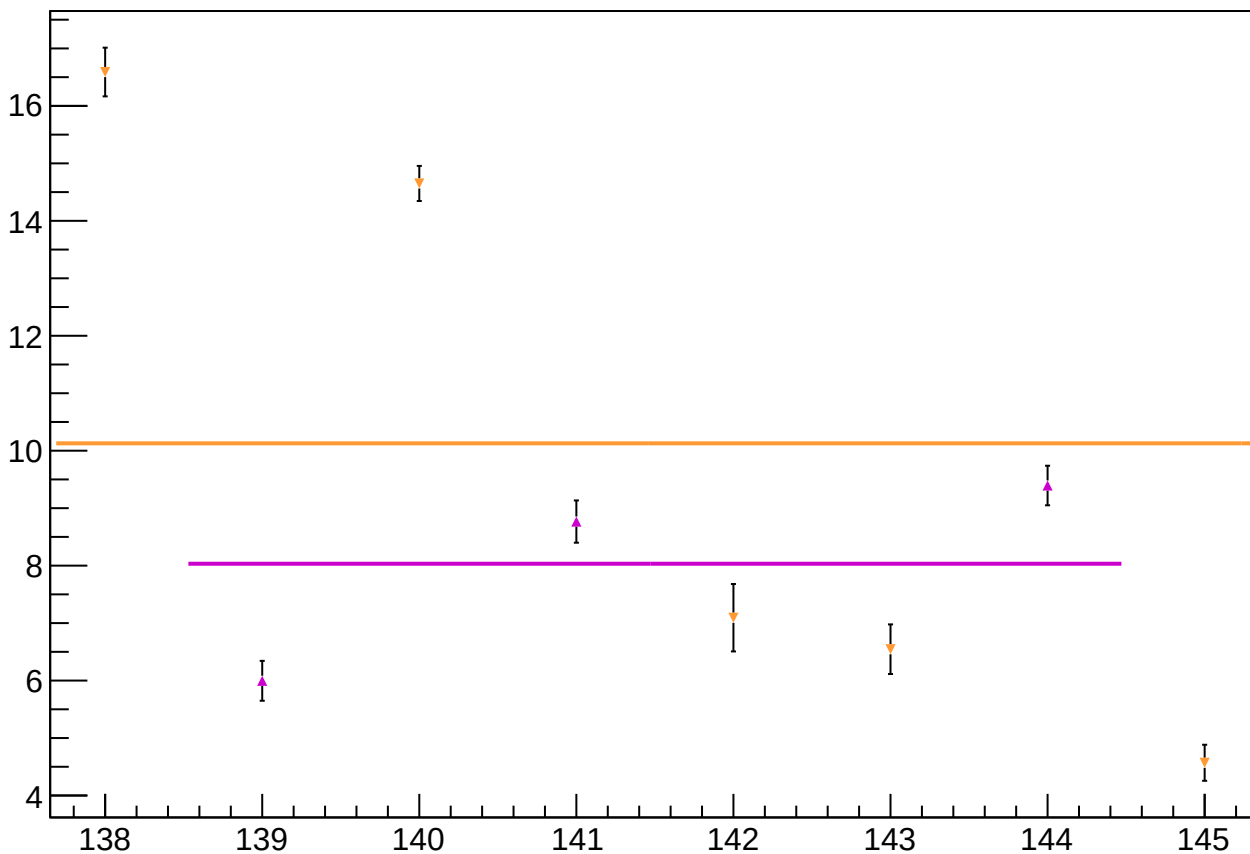
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.086+/-0.011 χ^2/NDF :17.0/2

Out: 0.029+/-0.009 χ^2/NDF :88.1/4

All: 0.052+/-0.007 χ^2/NDF : 119.8/7

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 10.128+/-0.170 χ^2/NDF :861.6/4

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

Left In: 8.033+/-0.204 χ^2/NDF :54.0/2

Left: 9.270+/-0.130 χ^2/NDF : 978.1/7

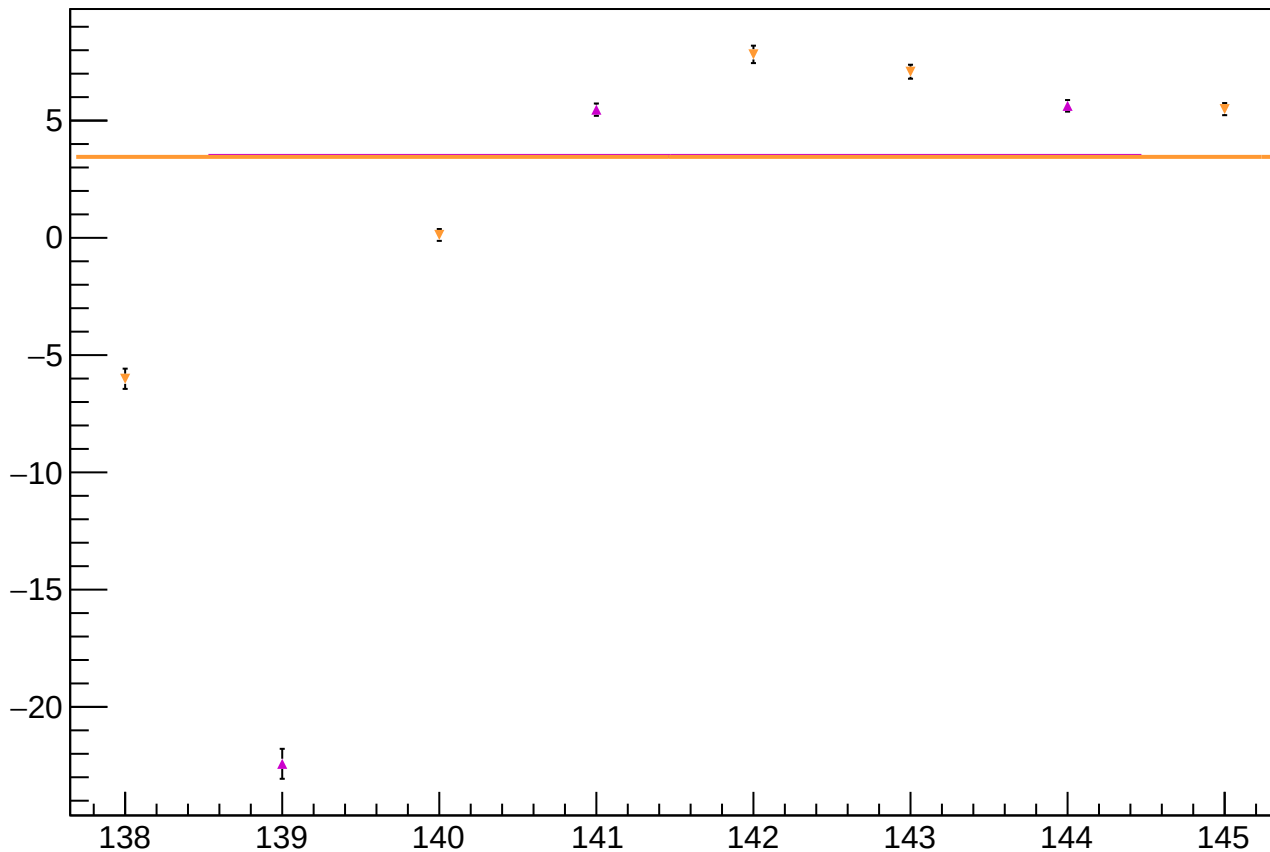
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.033+/-0.204 χ^2/NDF :54.0/2

Out: 10.128+/-0.170 χ^2/NDF :861.6/4

All: 9.270+/-0.130 χ^2/NDF : 978.1/7

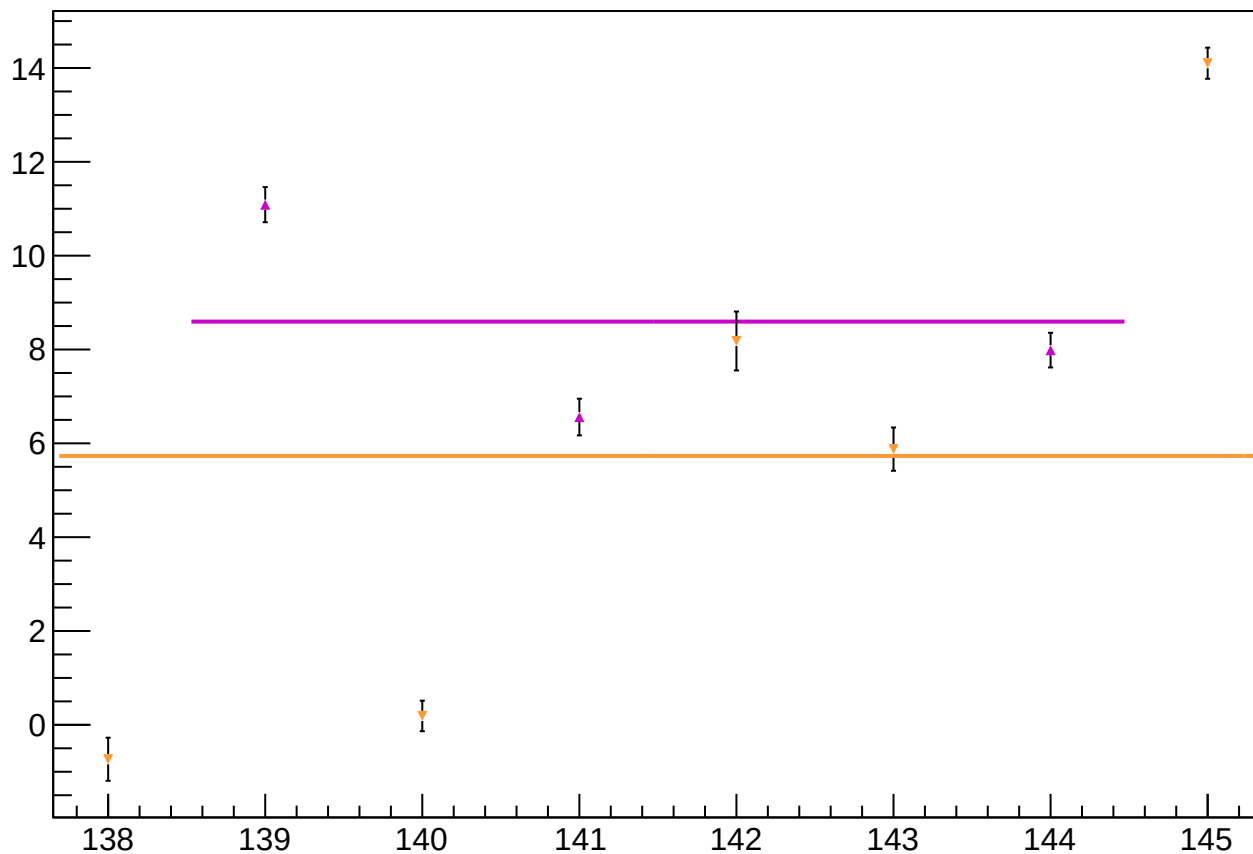
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.452+/-0.136 χ^2/NDF :1002.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.493+/-0.173 χ^2/NDF :1776.5/2

Left: 3.468+/-0.107 χ^2/NDF : 2779.3/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.493+/-0.173 χ^2/NDF :1776.5/2
 Out: 3.452+/-0.136 χ^2/NDF :1002.8/4
 All: 3.468+/-0.107 χ^2/NDF : 2779.3/7

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 5.732 $\pm$ 0.181 χ^2 /NDF:1140.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 8.595 $\pm$ 0.218 χ^2 /NDF:74.0/2

Left: 6.899 $\pm$ 0.139 χ^2 /NDF: 1316.7/7

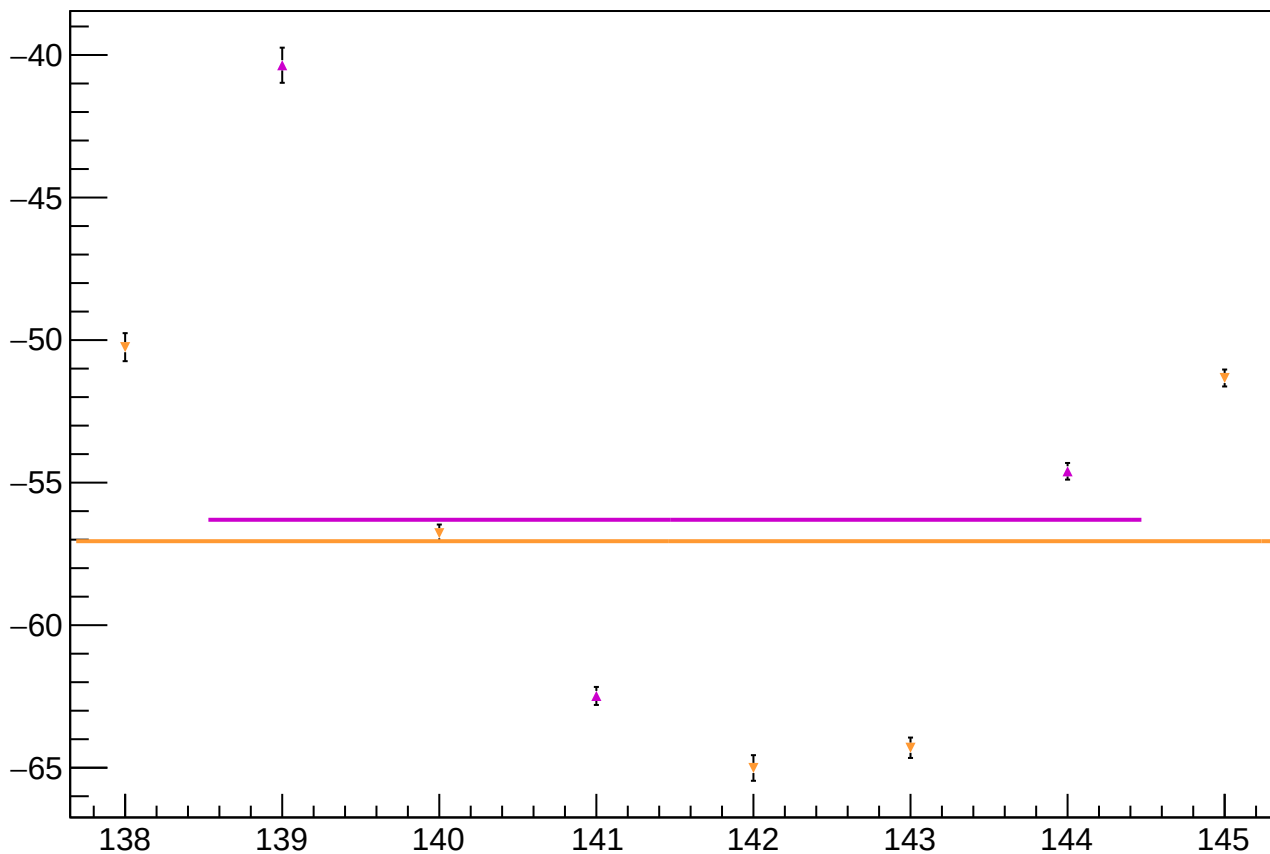
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 8.595 $\pm$ 0.218 χ^2 /NDF:74.0/2

Out: 5.732 $\pm$ 0.181 χ^2 /NDF:1140.7/4

All: 6.899 $\pm$ 0.139 χ^2 /NDF: 1316.7/7

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -57.054+/-0.160 χ^2/NDF :1286.9/4

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

Left In: -56.303+/-0.203 χ^2/NDF :1085.6/2

Left: -56.765+/-0.126 χ^2/NDF : 2381.0/7

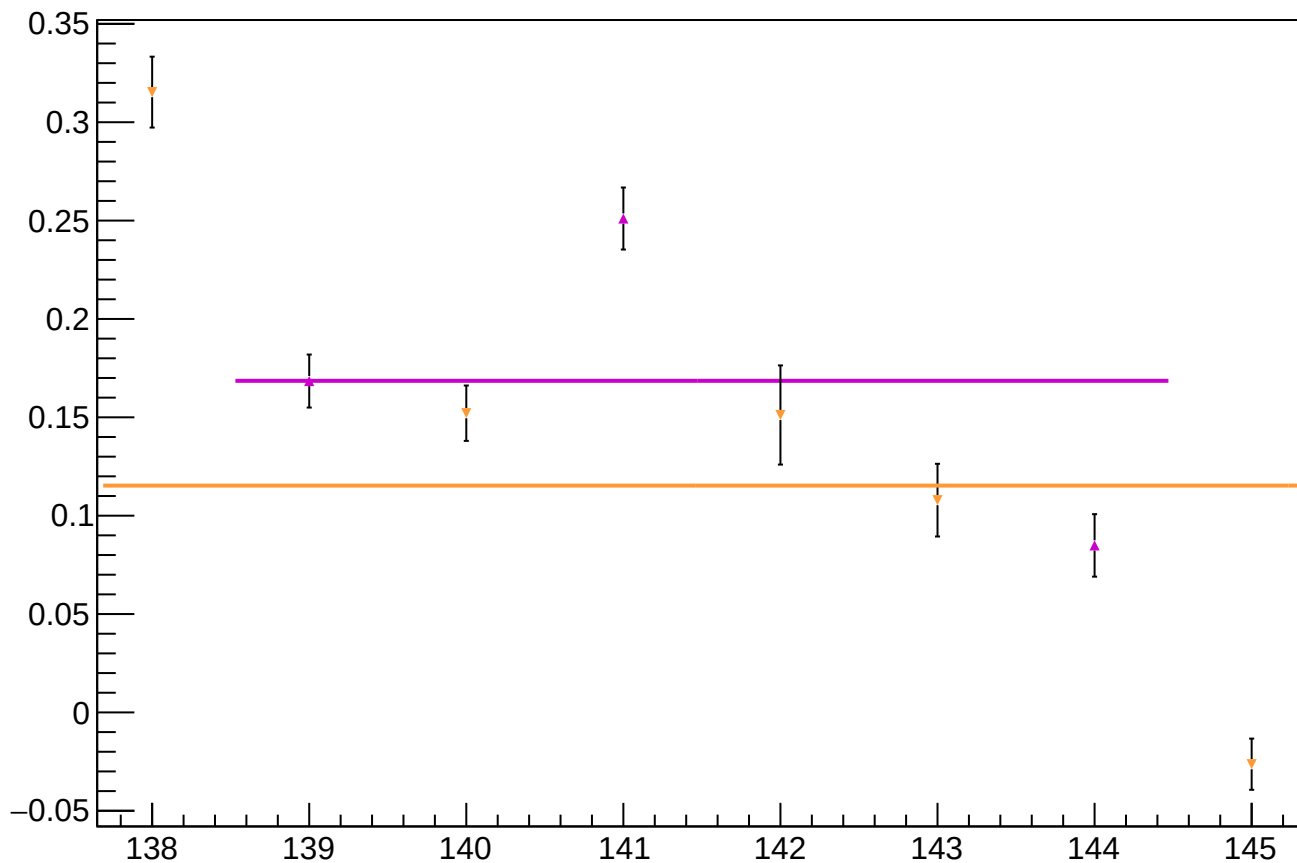
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.303+/-0.203 χ^2/NDF :1085.6/2

Out: -57.054+/-0.160 χ^2/NDF :1286.9/4

All: -56.765+/-0.126 χ^2/NDF : 2381.0/7

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: 0.115 $\pm$ 0.007 χ^2 /NDF:250.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.169 $\pm$ 0.009 χ^2 /NDF:55.1/2

Left: 0.138 $\pm$ 0.006 χ^2 /NDF: 328.0/7

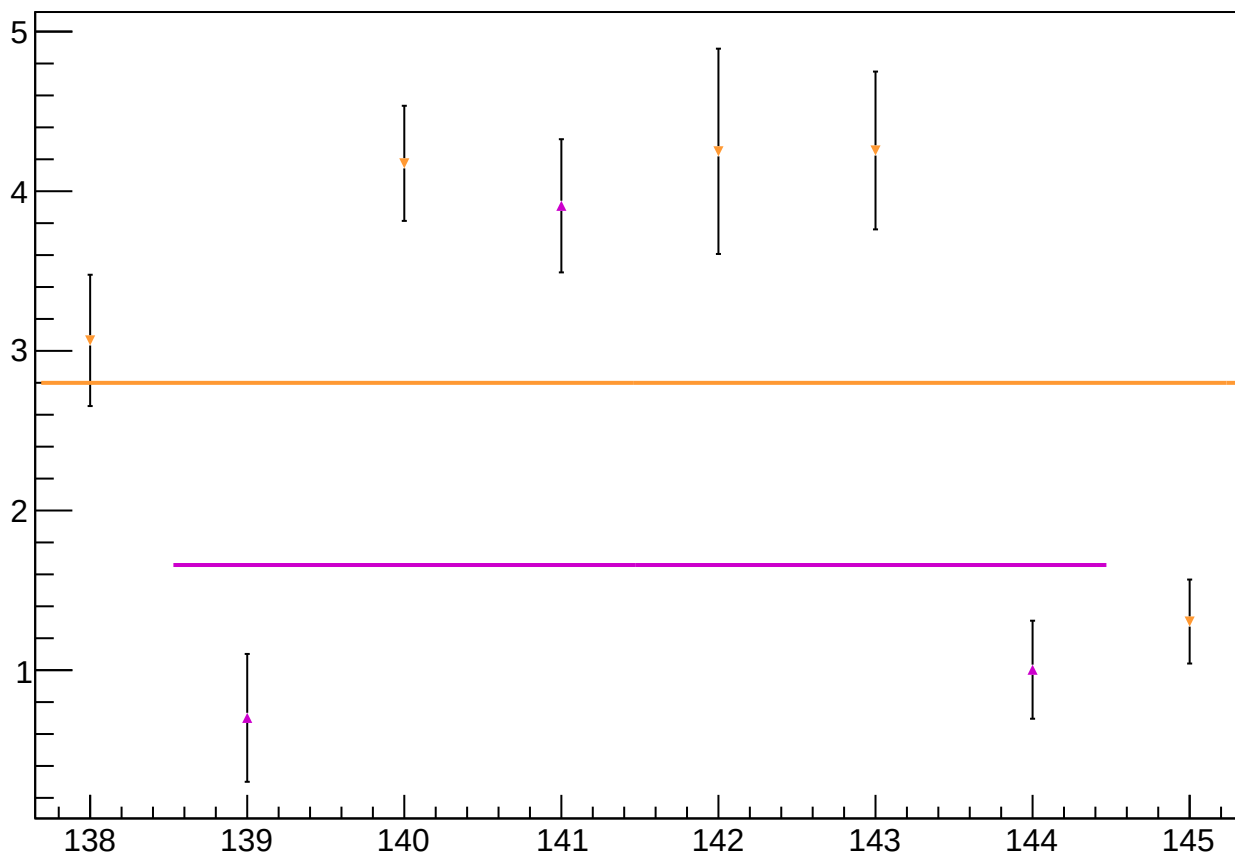
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.169 $\pm$ 0.009 χ^2 /NDF:55.1/2

Out: 0.115 $\pm$ 0.007 χ^2 /NDF:250.7/4

All: 0.138 $\pm$ 0.006 χ^2 /NDF: 328.0/7

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 2.800 $\pm$ 0.170 χ^2 /NDF:61.0/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.659 $\pm$ 0.210 χ^2 /NDF:39.4/2

Left: 2.349 $\pm$ 0.132 χ^2 /NDF: 118.2/7

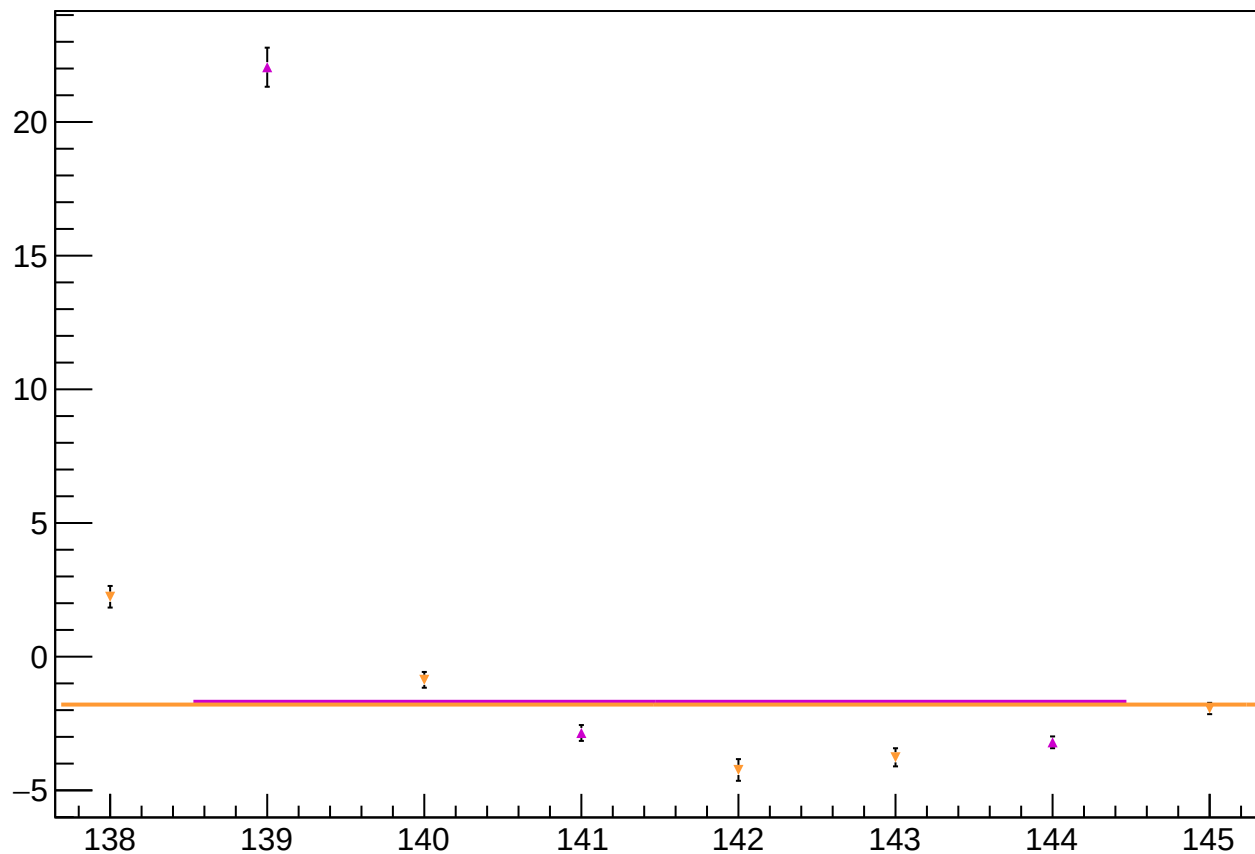
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.659 $\pm$ 0.210 χ^2 /NDF:39.4/2

Out: 2.800 $\pm$ 0.170 χ^2 /NDF:61.0/4

All: 2.349 $\pm$ 0.132 χ^2 /NDF: 118.2/7

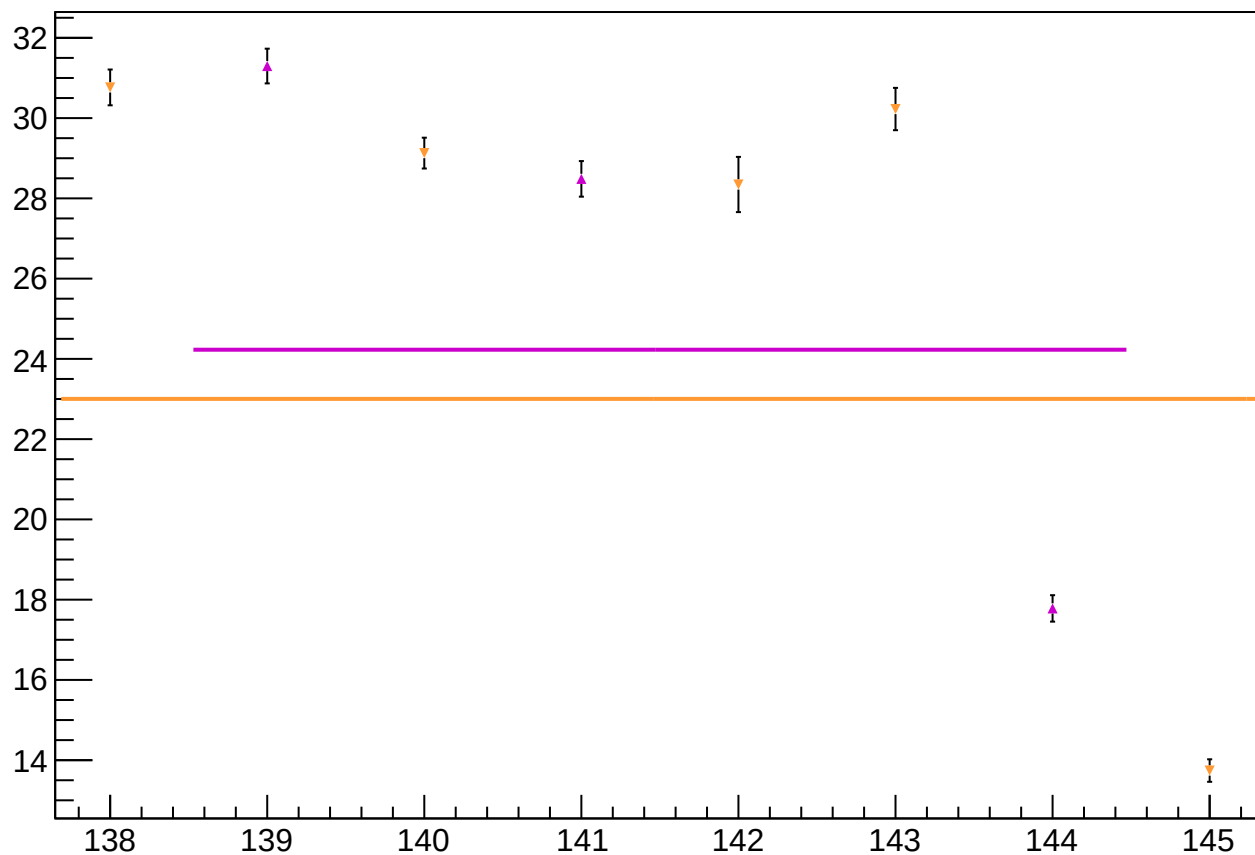
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.792+/-0.135 χ^2/NDF :180.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.688+/-0.172 χ^2/NDF :1117.0/2

Left: -1.752+/-0.106 χ^2/NDF : 1297.3/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.688+/-0.172 χ^2/NDF :1117.0/2
 Out: -1.792+/-0.135 χ^2/NDF :180.0/4
 All: -1.752+/-0.106 χ^2/NDF : 1297.3/7

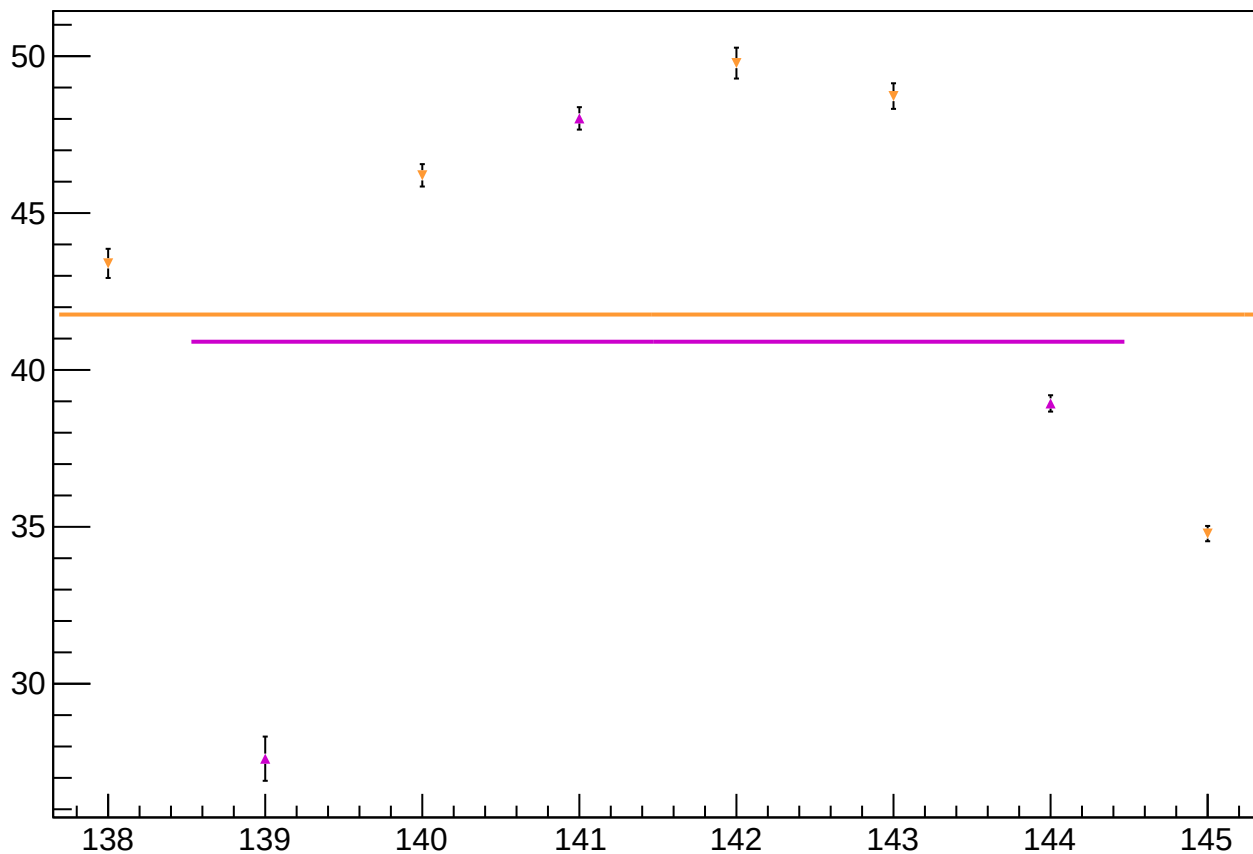
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 23.003+/-0.182 χ^2 /NDF:1896.7/4
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 24.229+/-0.226 χ^2 /NDF:741.9/2

Left: 23.486+/-0.142 χ^2 /NDF: 2656.5/7
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 24.229+/-0.226 χ^2 /NDF:741.9/2
 Out: 23.003+/-0.182 χ^2 /NDF:1896.7/4
 All: 23.486+/-0.142 χ^2 /NDF: 2656.5/7

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 41.766+/-0.159 χ^2/NDF :1542.1/4

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

Left In: 40.900+/-0.202 χ^2/NDF :808.8/2

Left: 41.434+/-0.125 χ^2/NDF : 2362.3/7

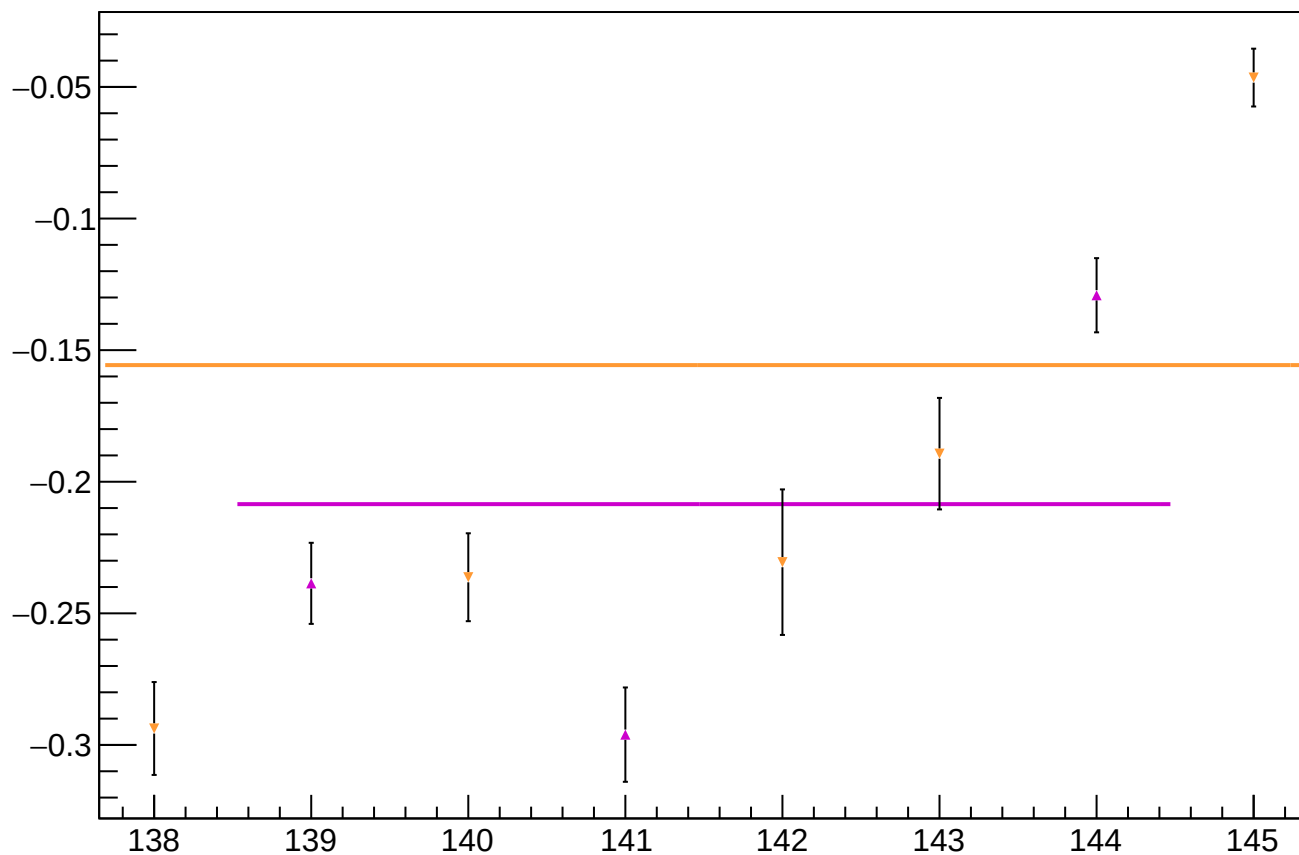
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.900+/-0.202 χ^2/NDF :808.8/2

Out: 41.766+/-0.159 χ^2/NDF :1542.1/4

All: 41.434+/-0.125 χ^2/NDF : 2362.3/7

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.156+/-0.007 χ^2/NDF :193.3/4

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

Left In: -0.209+/-0.009 χ^2/NDF :59.4/2

Left: -0.177+/-0.006 χ^2/NDF : 273.4/7

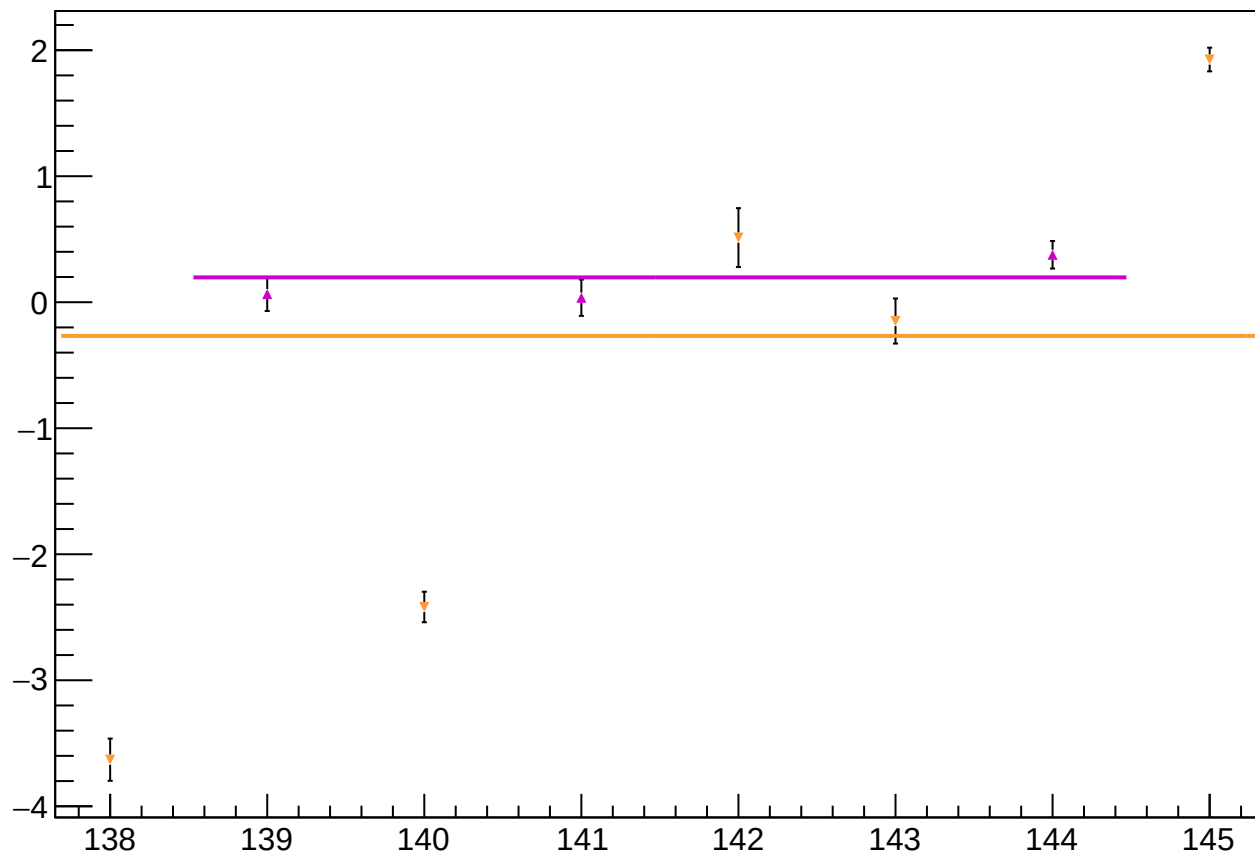
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.209+/-0.009 χ^2/NDF :59.4/2

Out: -0.156+/-0.007 χ^2/NDF :193.3/4

All: -0.177+/-0.006 χ^2/NDF : 273.4/7

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.267+/-0.061 χ^2/NDF :1275.1/4

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

Left In: 0.197+/-0.073 χ^2/NDF :4.9/2

Left: -0.076+/-0.047 χ^2/NDF : 1303.7/7

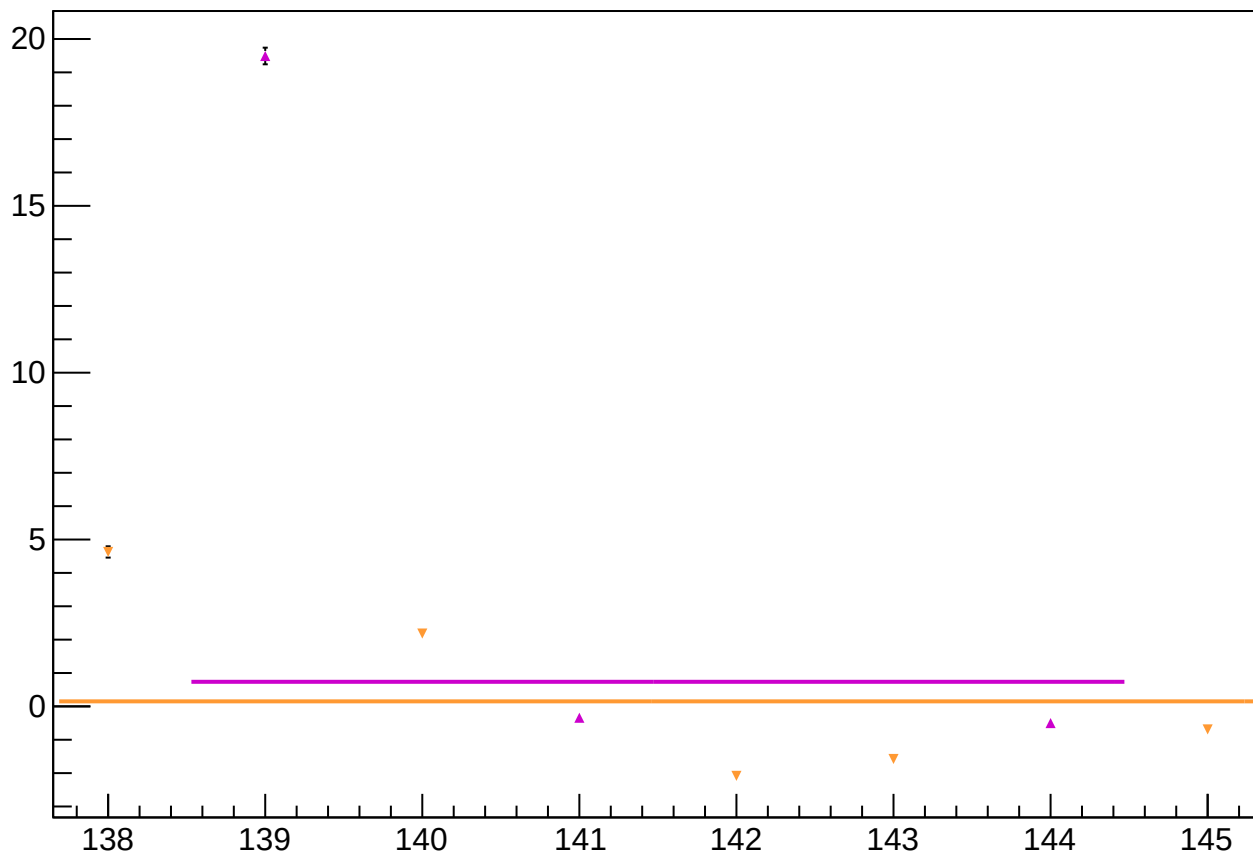
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.197+/-0.073 χ^2/NDF :4.9/2

Out: -0.267+/-0.061 χ^2/NDF :1275.1/4

All: -0.076+/-0.047 χ^2/NDF : 1303.7/7

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 0.151+/-0.049 χ^2/NDF :1657.3/4

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

Left In: 0.737+/-0.061 χ^2/NDF :6021.4/2

Left: 0.382+/-0.038 χ^2/NDF : 7735.3/7

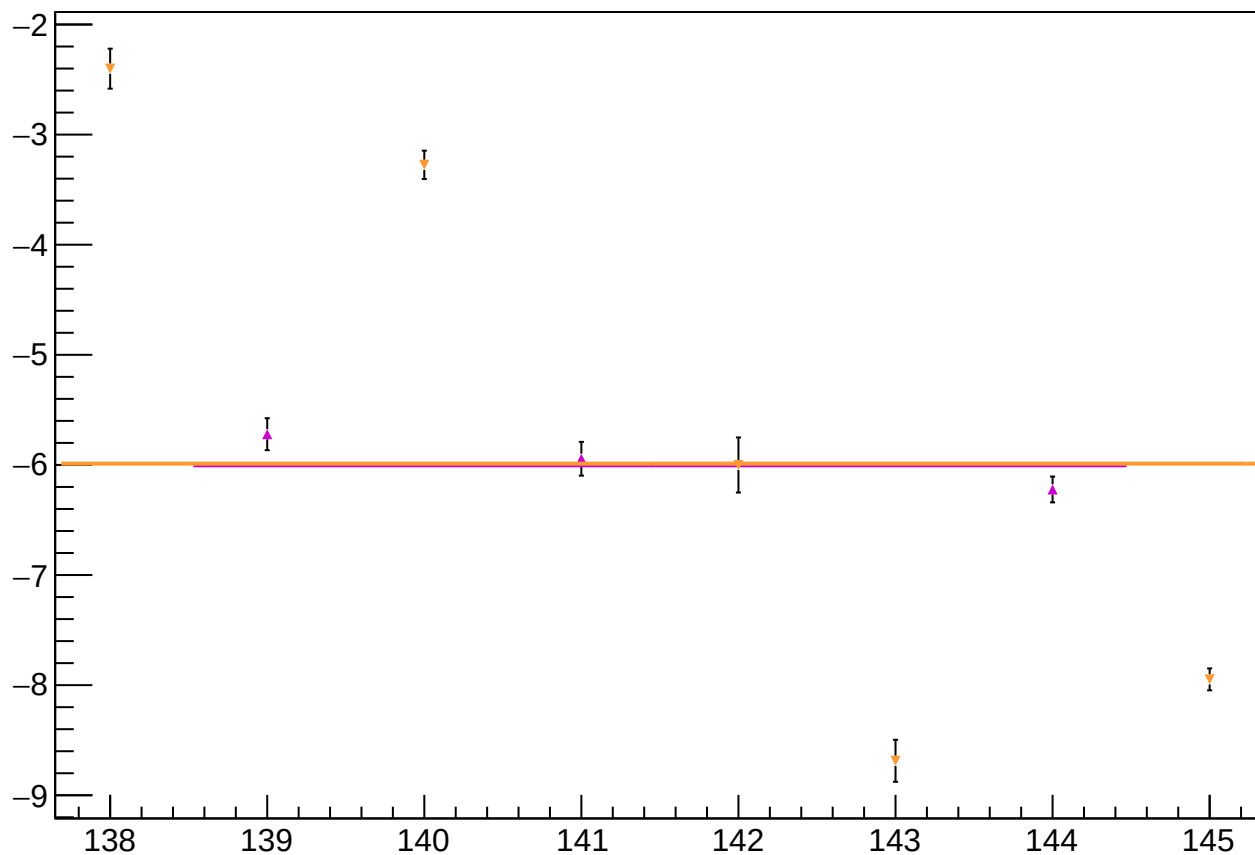
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.737+/-0.061 χ^2/NDF :6021.4/2

Out: 0.151+/-0.049 χ^2/NDF :1657.3/4

All: 0.382+/-0.038 χ^2/NDF : 7735.3/7

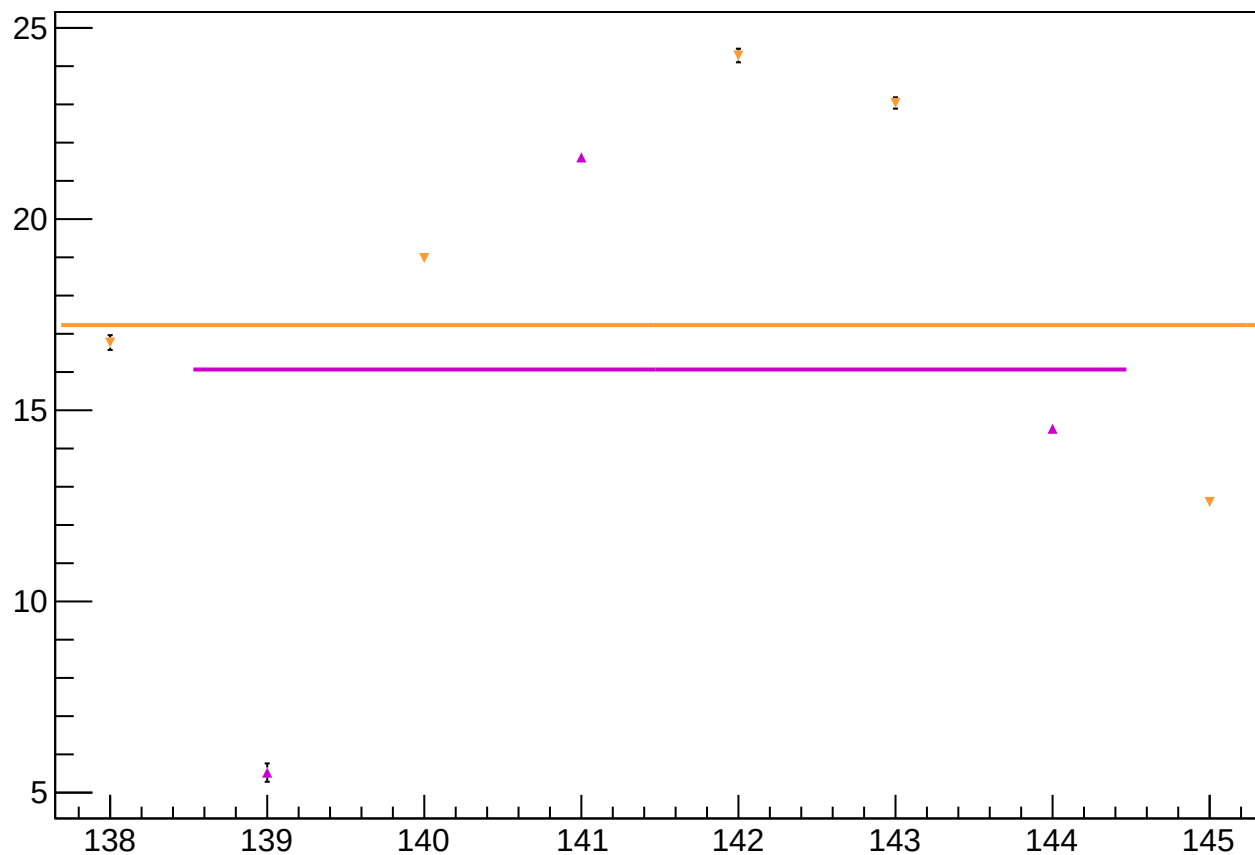
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.988+/-0.065 χ^2/NDF :1419.3/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.004+/-0.078 χ^2/NDF :7.4/2

Left: -5.995+/-0.050 χ^2/NDF : 1426.7/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.004+/-0.078 χ^2/NDF :7.4/2
 Out: -5.988+/-0.065 χ^2/NDF :1419.3/4
 All: -5.995+/-0.050 χ^2/NDF : 1426.7/7

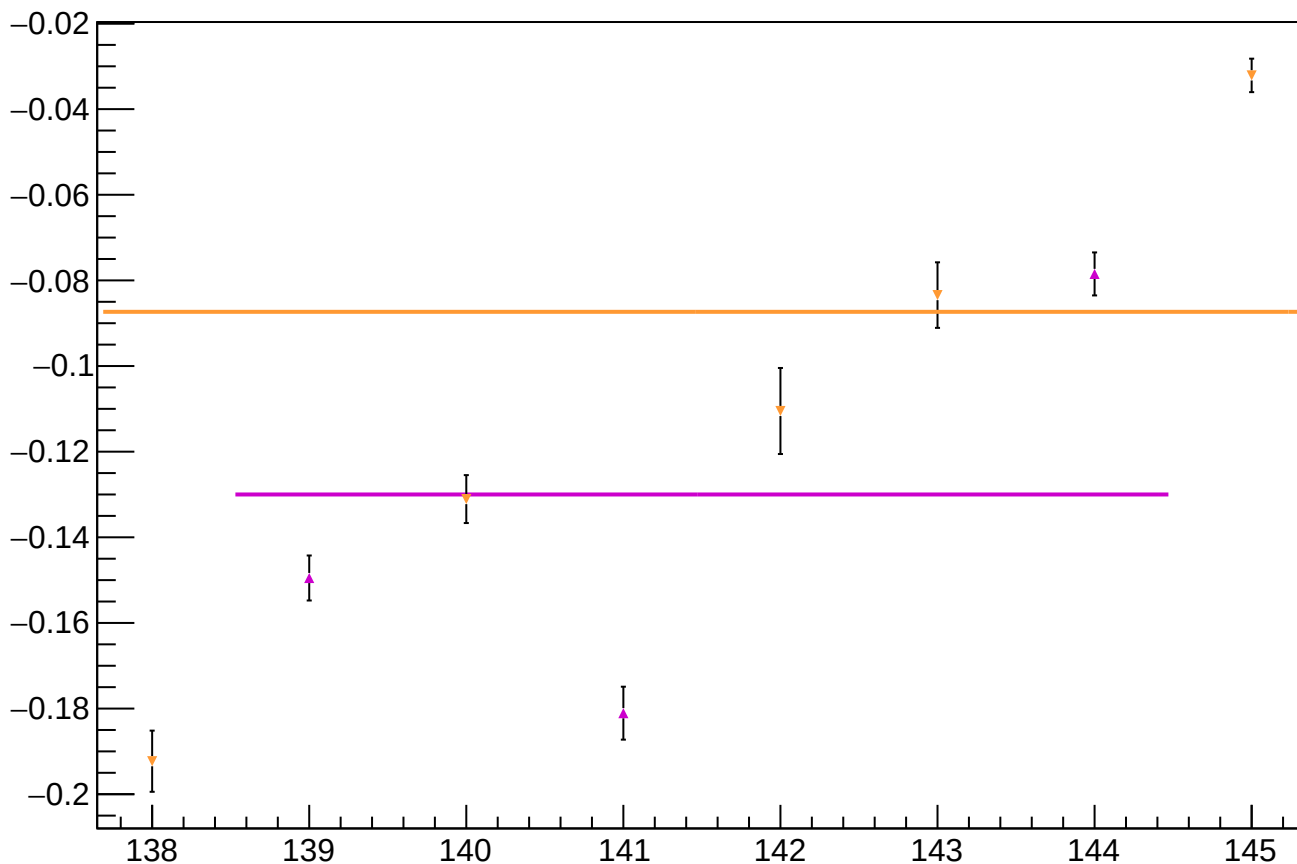
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 17.228 $\pm$ 0.058 χ^2 /NDF:6056.8/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 16.066 $\pm$ 0.071 χ^2 /NDF:4208.8/2

Left: 16.766 $\pm$ 0.045 χ^2 /NDF: 10427.0/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 16.066 $\pm$ 0.071 χ^2 /NDF:4208.8/2
 Out: 17.228 $\pm$ 0.058 χ^2 /NDF:6056.8/4
 All: 16.766 $\pm$ 0.045 χ^2 /NDF: 10427.0/7

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.087+/-0.003 χ^2/NDF : 482.2/4

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

Left In: -0.130+/-0.003 χ^2/NDF : 187.3/2

Left: -0.105+/-0.002 χ^2/NDF : 778.1/7

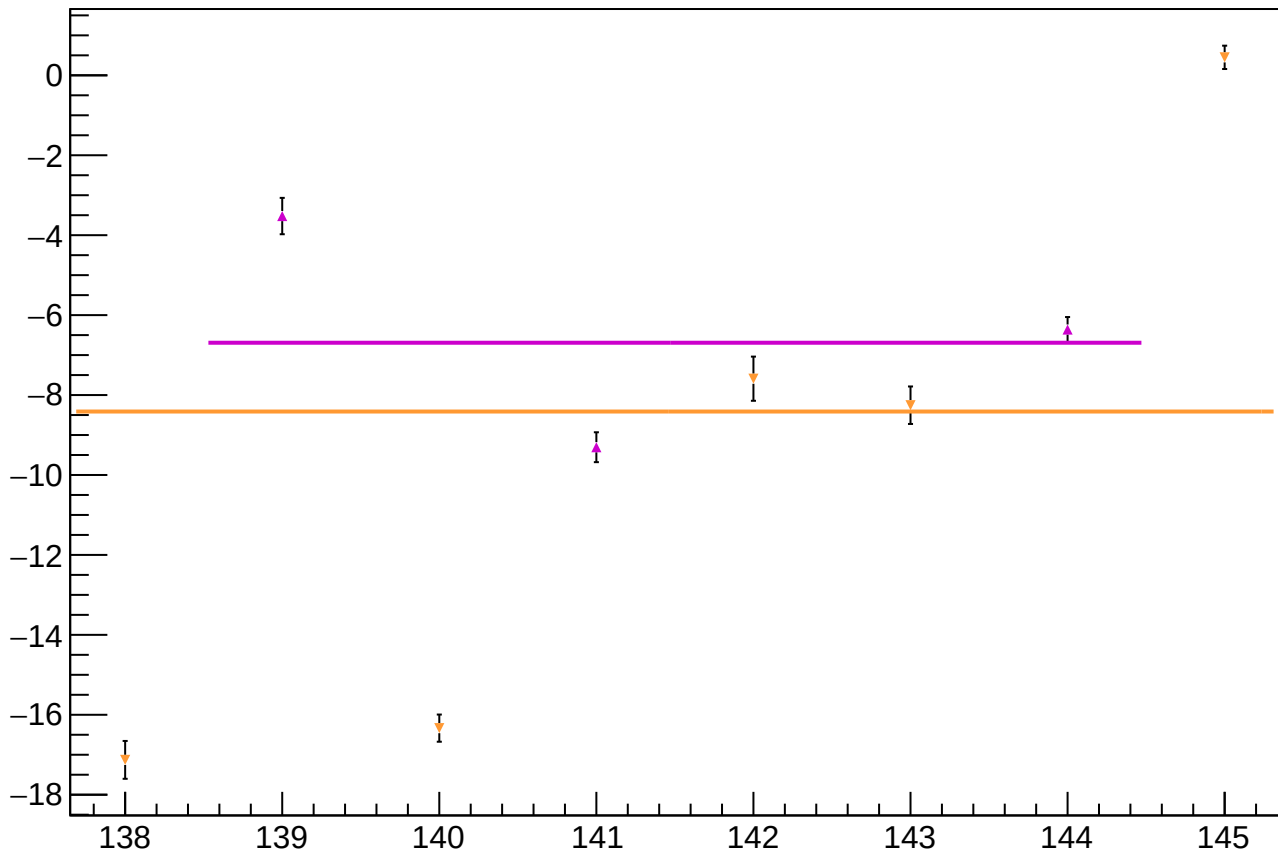
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.130+/-0.003 χ^2/NDF : 187.3/2

Out: -0.087+/-0.003 χ^2/NDF : 482.2/4

All: -0.105+/-0.002 χ^2/NDF : 778.1/7

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.412+/-0.175 χ^2/NDF :1805.4/4

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

Left In: -6.691+/-0.212 χ^2/NDF :98.6/2

Left: -7.716+/-0.135 χ^2/NDF : 1943.1/7

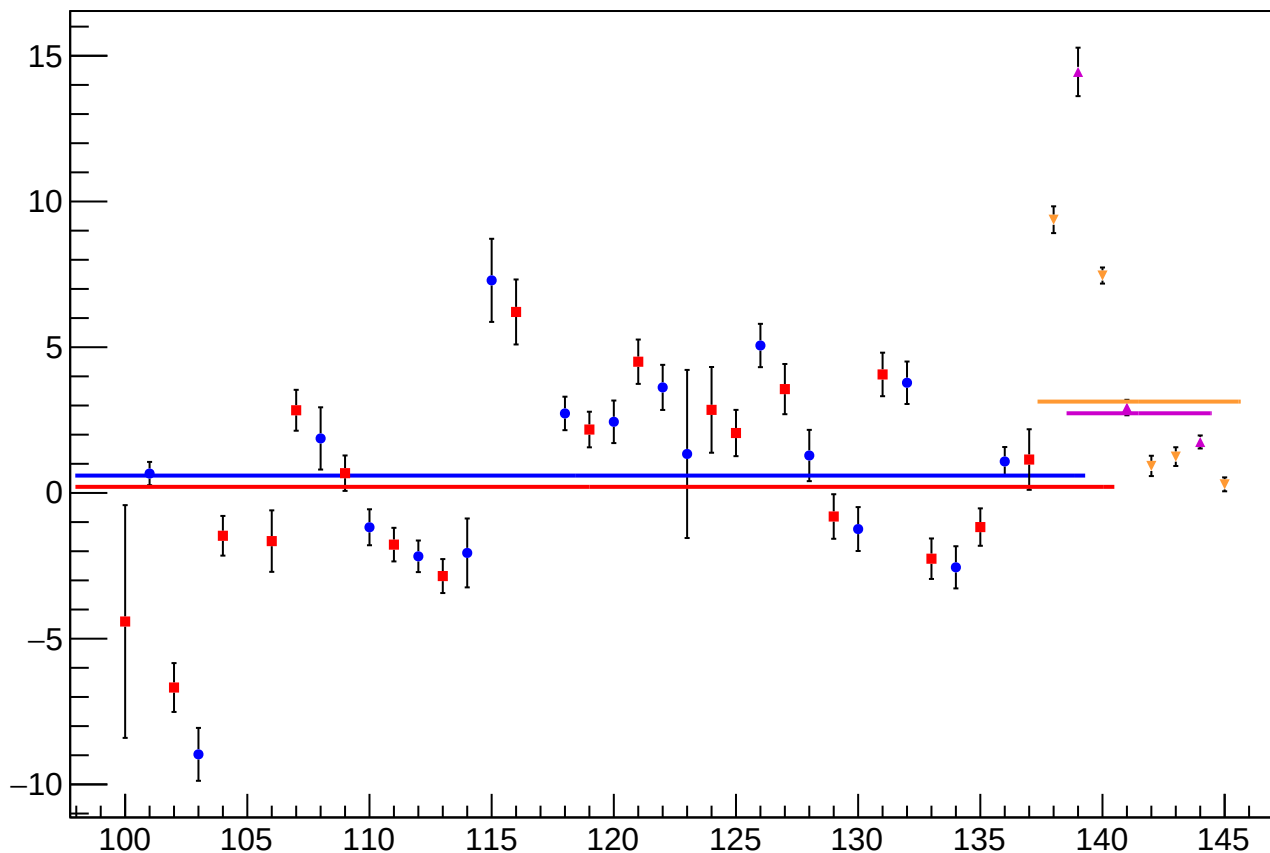
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.691+/-0.212 χ^2/NDF :98.6/2

Out: -8.412+/-0.175 χ^2/NDF :1805.4/4

All: -7.716+/-0.135 χ^2/NDF : 1943.1/7

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 3.135 ± 0.137 χ^2/NDF : 645.6/4

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

Left In: 2.734 ± 0.167 χ^2/NDF : 218.3/2

Left: 2.974 ± 0.106 χ^2/NDF : 867.4/7

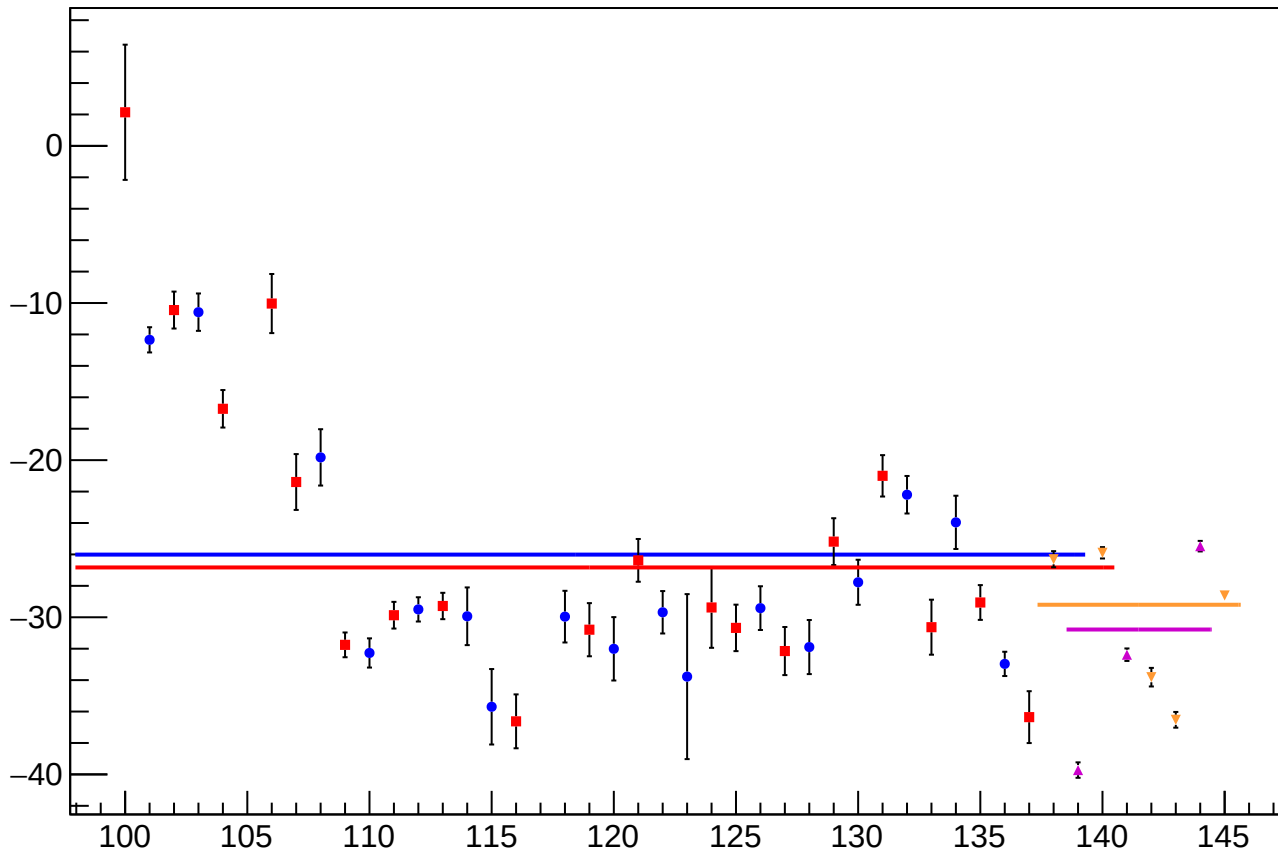
Right: 0.409 ± 0.121 χ^2/NDF : 567.2/35

In: 1.675 ± 0.119 χ^2/NDF : 590.3/19

Out: 2.021 ± 0.108 χ^2/NDF : 1092.8/23

All: 1.865 ± 0.080 χ^2/NDF : 1687.7/43

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -29.203 ± 0.187 χ^2/NDF : 393.7/4

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

Left In: -30.779 ± 0.227 χ^2/NDF : 598.1/2

Left: -29.838 ± 0.144 χ^2/NDF : 1020.5/7

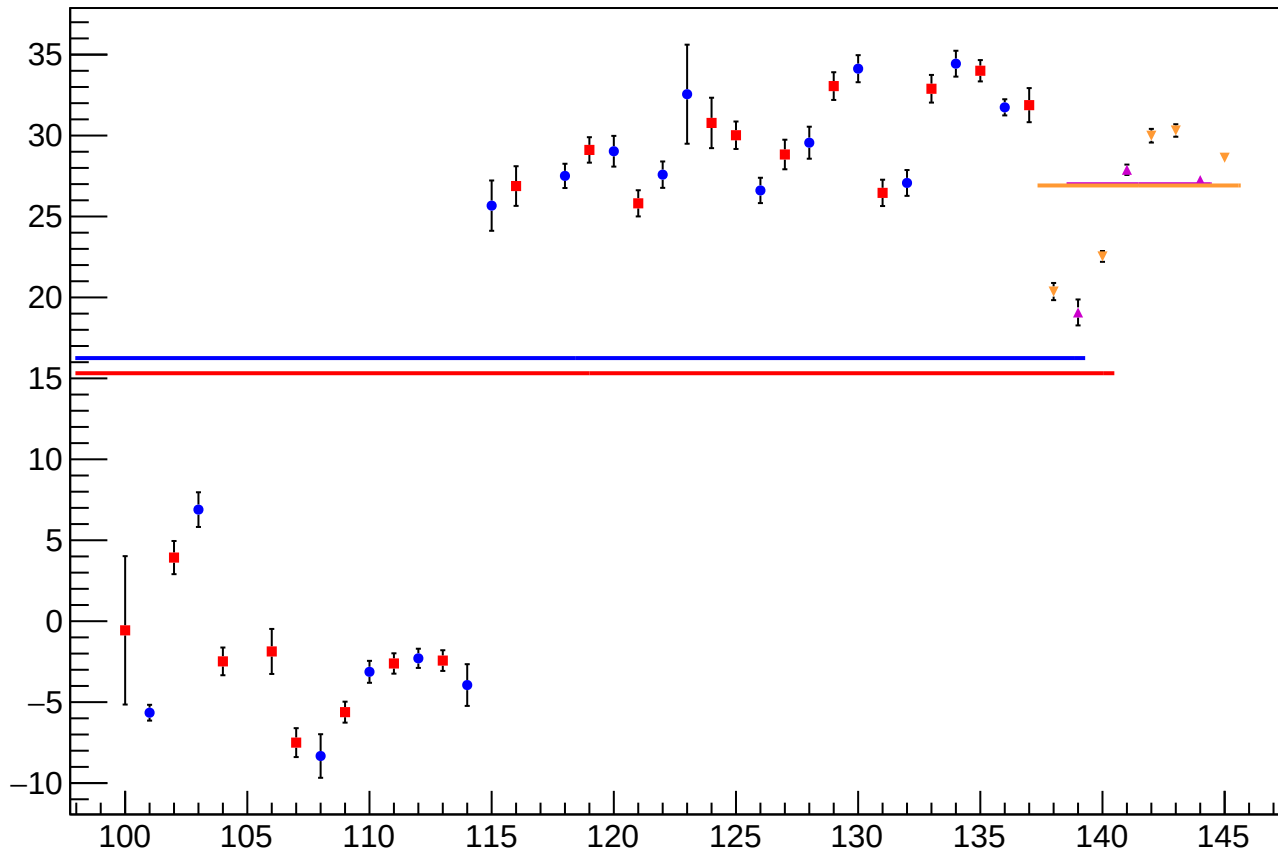
Right: -26.423 ± 0.211 χ^2/NDF : 1278.3/35

In: -29.038 ± 0.181 χ^2/NDF : 1451.7/19

Out: -28.533 ± 0.158 χ^2/NDF : 1021.0/23

All: -28.751 ± 0.119 χ^2/NDF : 2477.2/43

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 26.916 $\pm$ 0.162 χ^2 /NDF:493.8/4

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

Left In: 26.994 $\pm$ 0.198 χ^2 /NDF:106.3/2

Left: 26.948 $\pm$ 0.125 χ^2 /NDF: 600.2/7

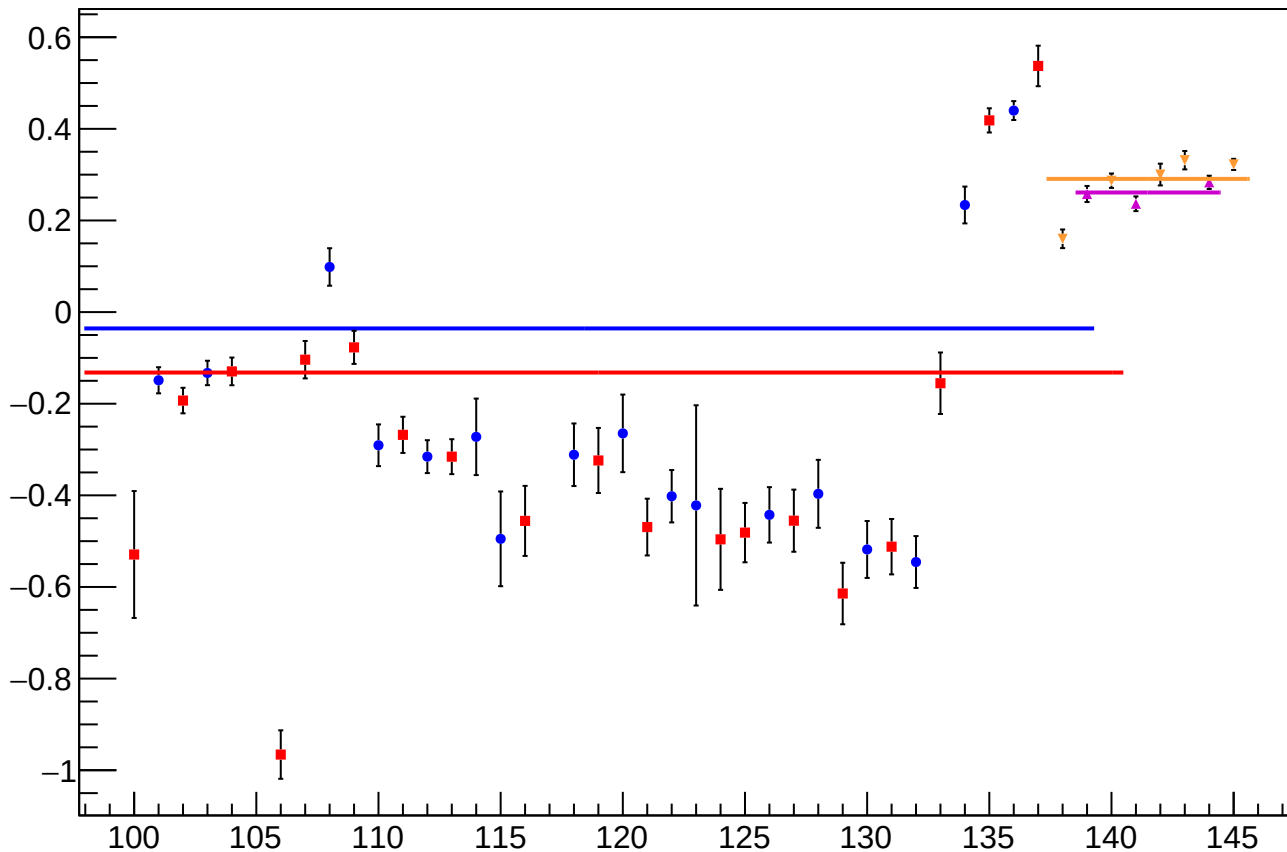
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14903.0/35

In: 21.443 $\pm$ 0.137 χ^2 /NDF:9245.4/19

Out: 22.232 $\pm$ 0.125 χ^2 /NDF:9840.4/23

All: 21.874 $\pm$ 0.093 χ^2 /NDF: 19103.8/43

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.291 ± 0.008 χ^2/NDF : 52.5/4

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

Left In: 0.261 ± 0.009 χ^2/NDF : 4.7/2

Left: 0.279 ± 0.006 χ^2/NDF : 63.5/7

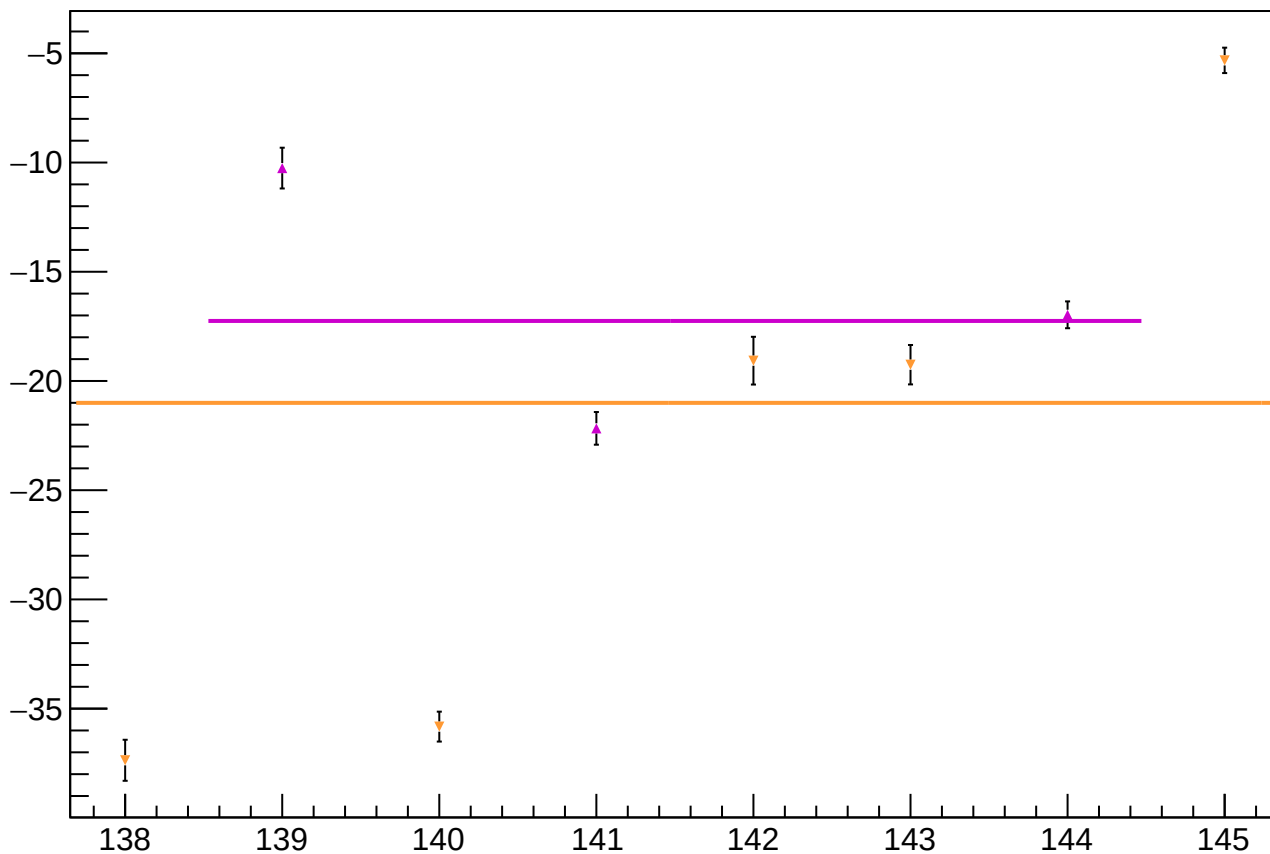
Right: -0.084 ± 0.007 χ^2/NDF : 2229.1/35

In: 0.130 ± 0.007 χ^2/NDF : 1481.9/19

Out: 0.144 ± 0.006 χ^2/NDF : 2309.8/23

All: 0.138 ± 0.005 χ^2/NDF : 3793.8/43

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -21.002+/-0.347 χ^2/NDF :1505.9/4

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

Left In: -17.252+/-0.423 χ^2/NDF :99.6/2

Left: -19.492+/-0.268 χ^2/NDF : 1652.4/7

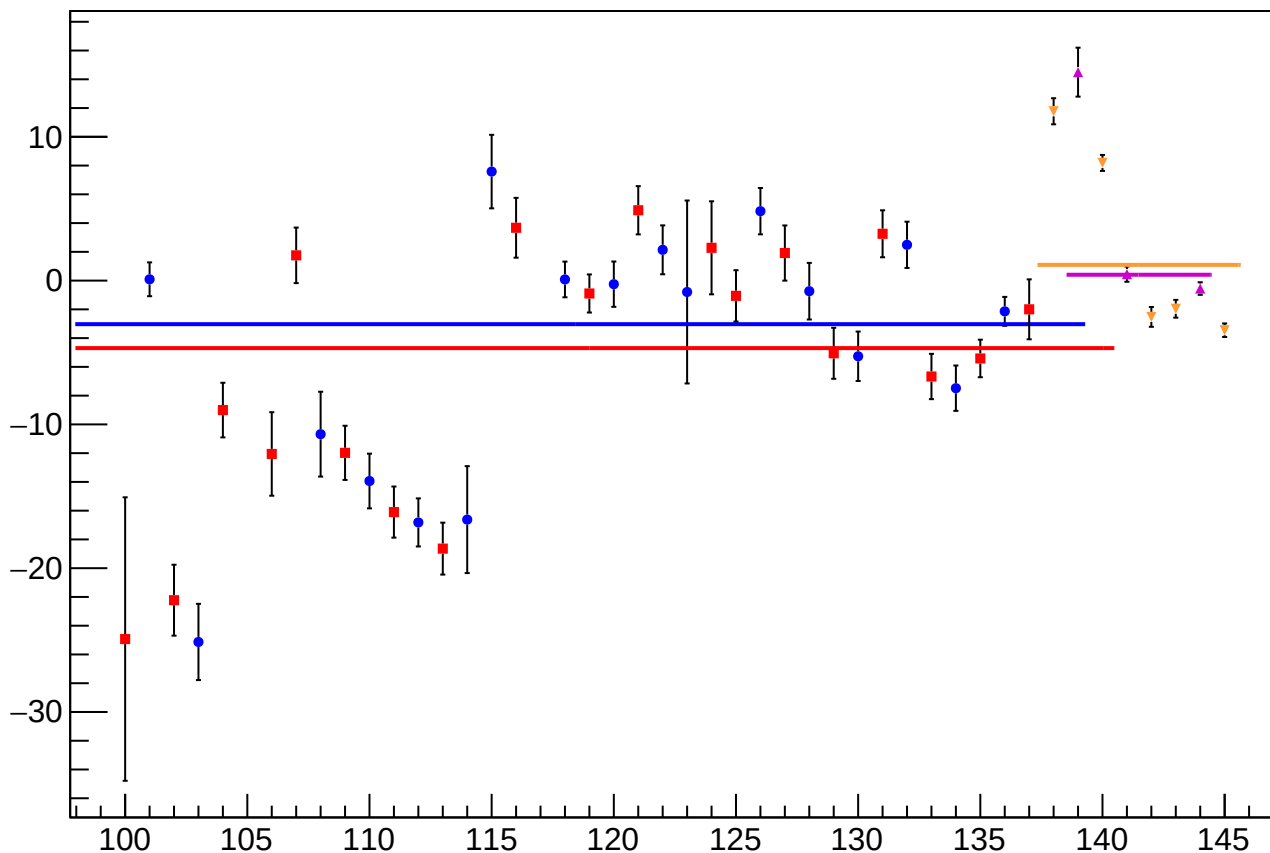
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.252+/-0.423 χ^2/NDF :99.6/2

Out: -21.002+/-0.347 χ^2/NDF :1505.9/4

All: -19.492+/-0.268 χ^2/NDF : 1652.4/7

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: 1.094 ± 0.270 χ^2/NDF : 446.5/4

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

Left In: 0.407 ± 0.331 χ^2/NDF : 73.3/2

Left: 0.819 ± 0.209 χ^2/NDF : 522.4/7

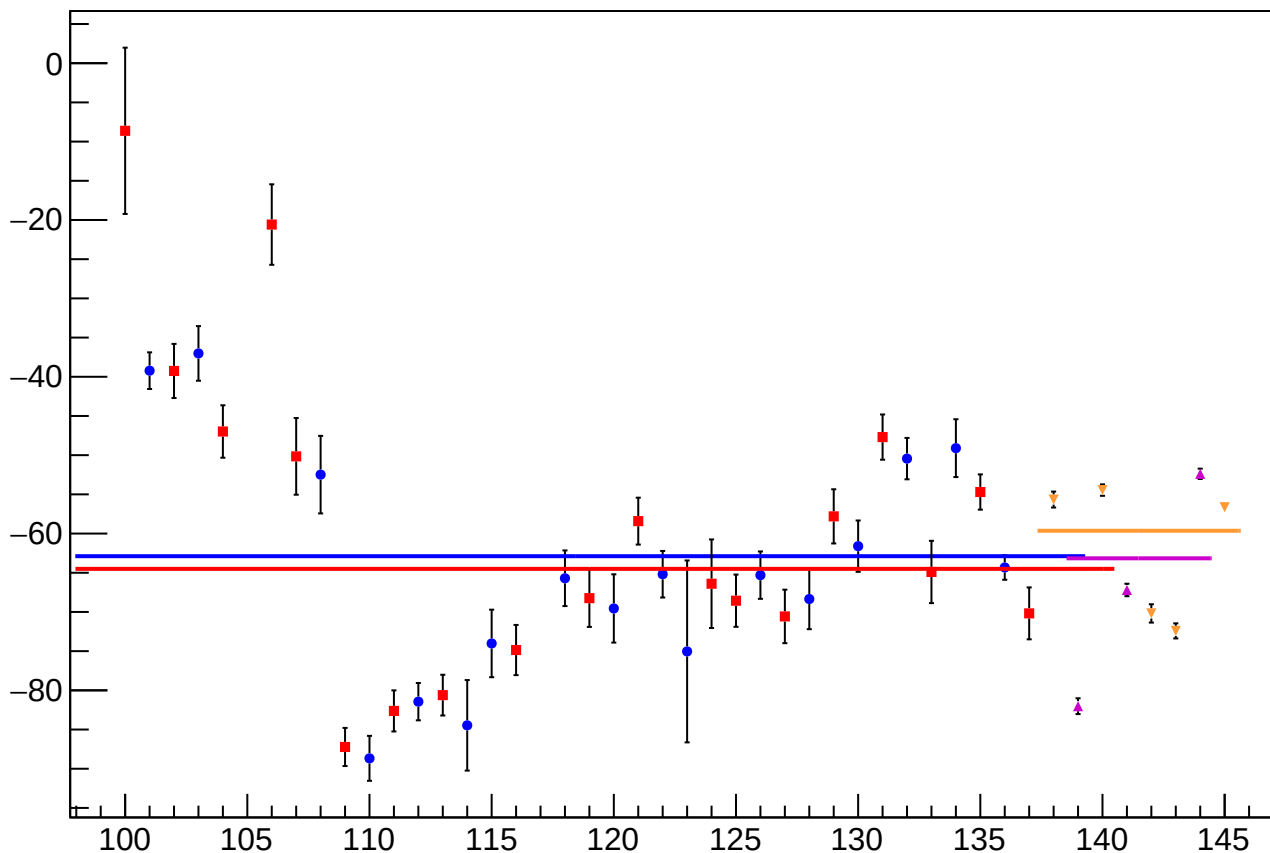
Right: -3.824 ± 0.295 χ^2/NDF : 587.0/35

In: -0.959 ± 0.257 χ^2/NDF : 396.9/19

Out: -0.565 ± 0.228 χ^2/NDF : 876.1/23

All: -0.739 ± 0.171 χ^2/NDF : 1274.3/43

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887 ± 0.738 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -59.644 ± 0.371 $\chi^2/\text{NDF}: 346.9/4$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

Left In: -63.160 ± 0.453 $\chi^2/\text{NDF}: 644.2/2$

Left: -61.053 ± 0.287 $\chi^2/\text{NDF}: 1027.2/7$

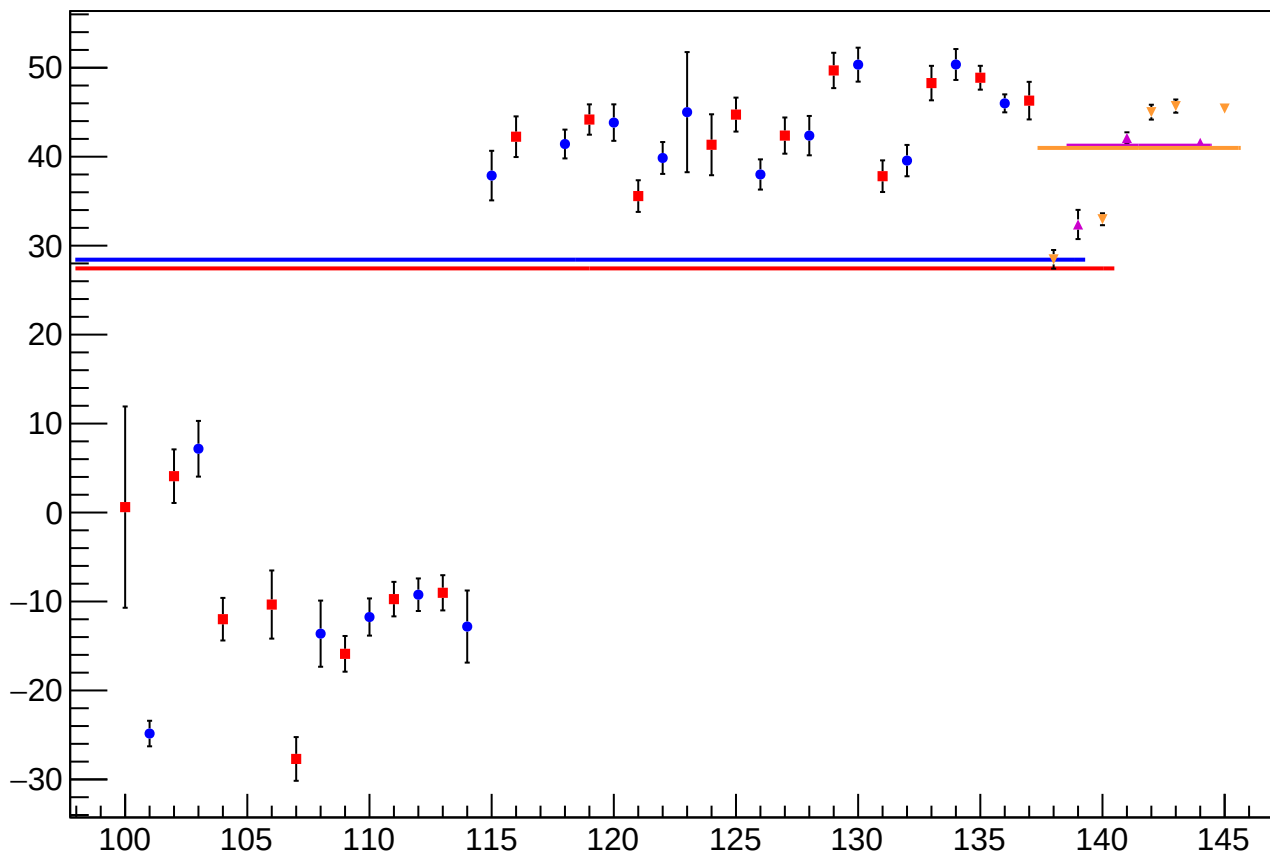
Right: -63.680 ± 0.526 $\chi^2/\text{NDF}: 815.2/35$

In: -63.085 ± 0.386 $\chi^2/\text{NDF}: 1013.0/19$

Out: -60.594 ± 0.332 $\chi^2/\text{NDF}: 824.7/23$

All: -61.654 ± 0.252 $\chi^2/\text{NDF}: 1861.6/43$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425 ± 0.457 $\chi^2/\text{NDF}: 3330.3/16$

Left Out: 40.986 ± 0.320 $\chi^2/\text{NDF}: 414.4/4$

Right Out: 27.441 ± 0.479 $\chi^2/\text{NDF}: 3033.0/18$

Left In: 41.240 ± 0.391 $\chi^2/\text{NDF}: 31.3/2$

Left: 41.088 ± 0.248 $\chi^2/\text{NDF}: 446.0/7$

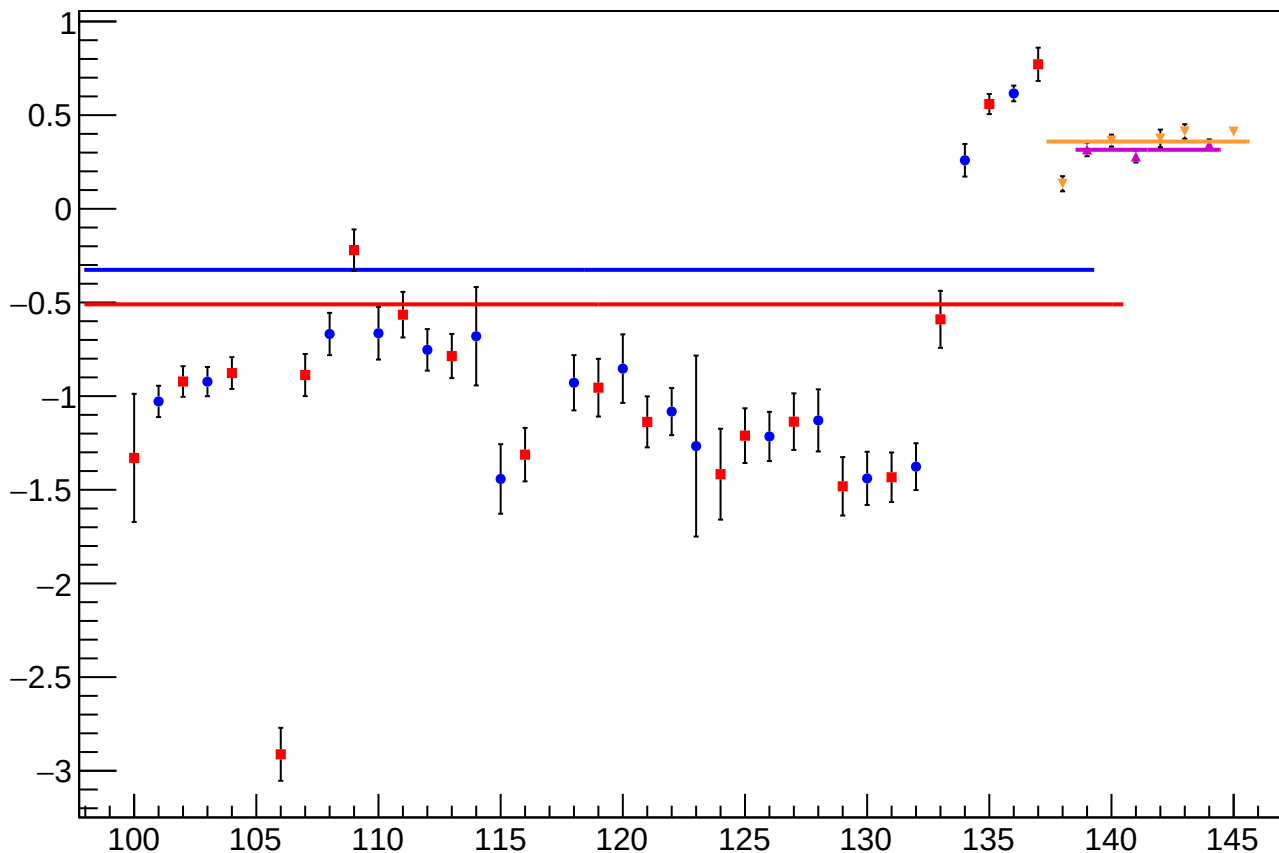
Right: 27.956 ± 0.331 $\chi^2/\text{NDF}: 6365.5/35$

In: 35.820 ± 0.297 $\chi^2/\text{NDF}: 3815.2/19$

Out: 36.794 ± 0.266 $\chi^2/\text{NDF}: 4000.4/23$

All: 36.360 ± 0.198 $\chi^2/\text{NDF}: 7821.5/43$

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.359 ± 0.015 χ^2/NDF : 37.9/4

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

Left In: 0.315 ± 0.018 χ^2/NDF : 2.1/2

Left: 0.341 ± 0.012 χ^2/NDF : 43.4/7

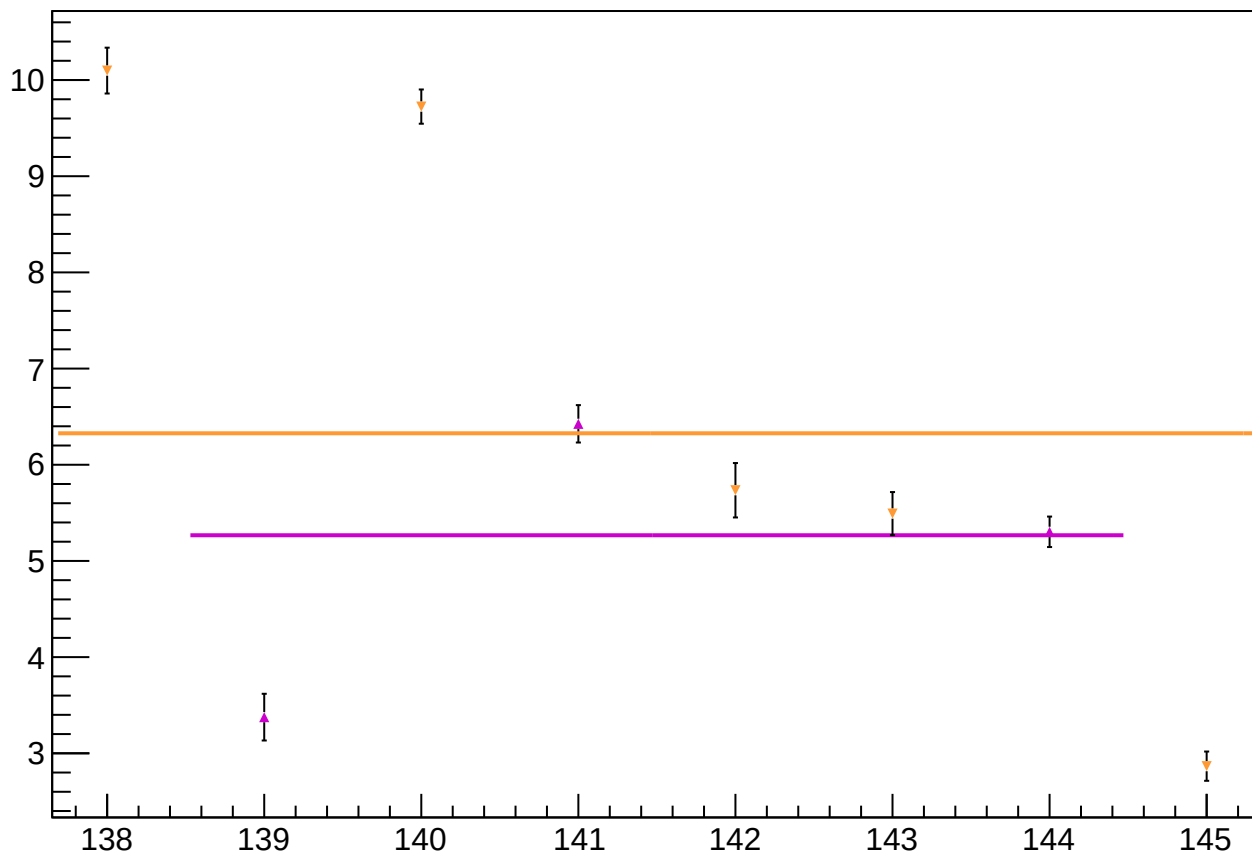
Right: -0.415 ± 0.018 χ^2/NDF : 2208.8/35

In: 0.090 ± 0.015 χ^2/NDF : 1445.2/19

Out: 0.138 ± 0.013 χ^2/NDF : 2059.4/23

All: 0.117 ± 0.010 χ^2/NDF : 3510.5/43

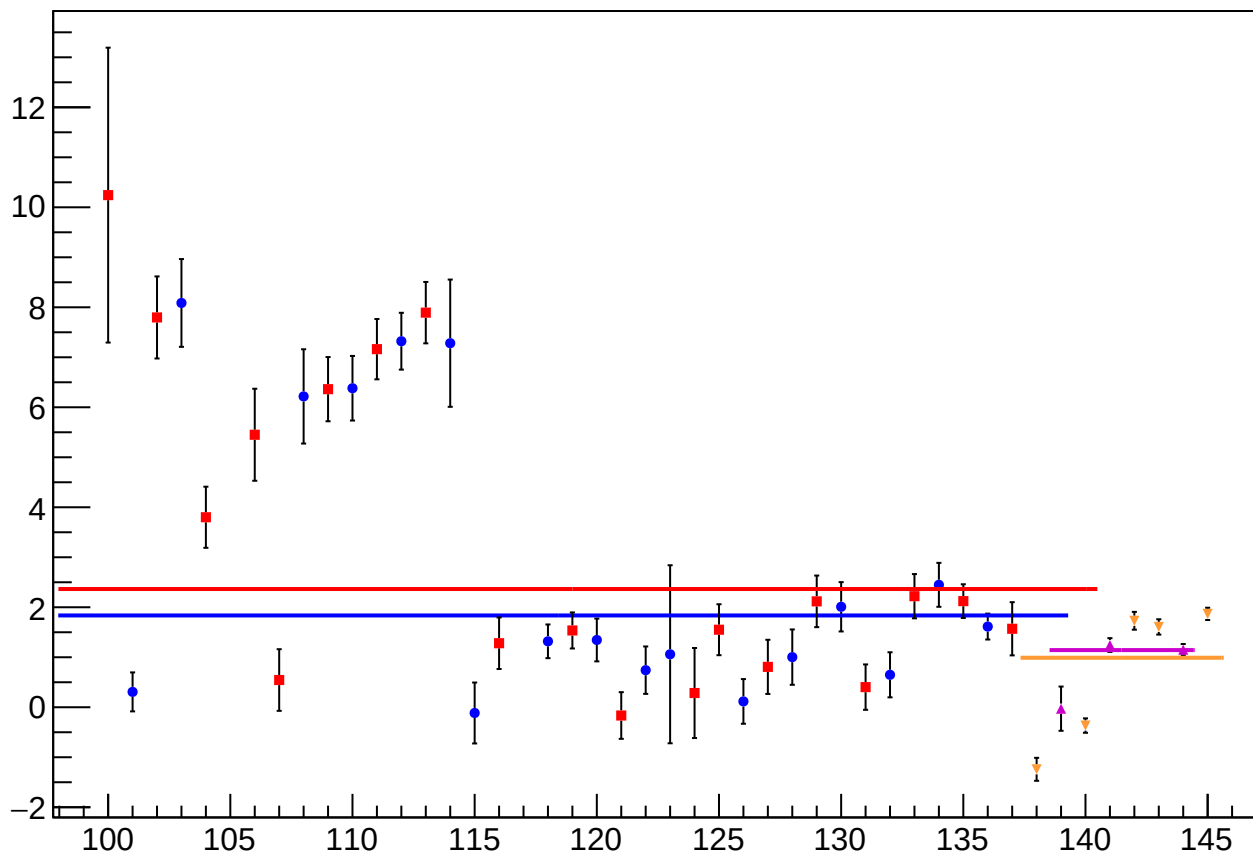
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.327+/-0.090 χ^2/NDF :1150.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.267+/-0.110 χ^2/NDF :96.2/2

Left: 5.903+/-0.069 χ^2/NDF : 1302.4/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.267+/-0.110 χ^2/NDF :96.2/2
 Out: 6.327+/-0.090 χ^2/NDF :1150.1/4
 All: 5.903+/-0.069 χ^2/NDF : 1302.4/7

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 0.990 ± 0.069 χ^2/NDF : 267.2/4

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

Left In: 1.143 ± 0.086 χ^2/NDF : 7.6/2

Left: 1.051 ± 0.054 χ^2/NDF : 276.7/7

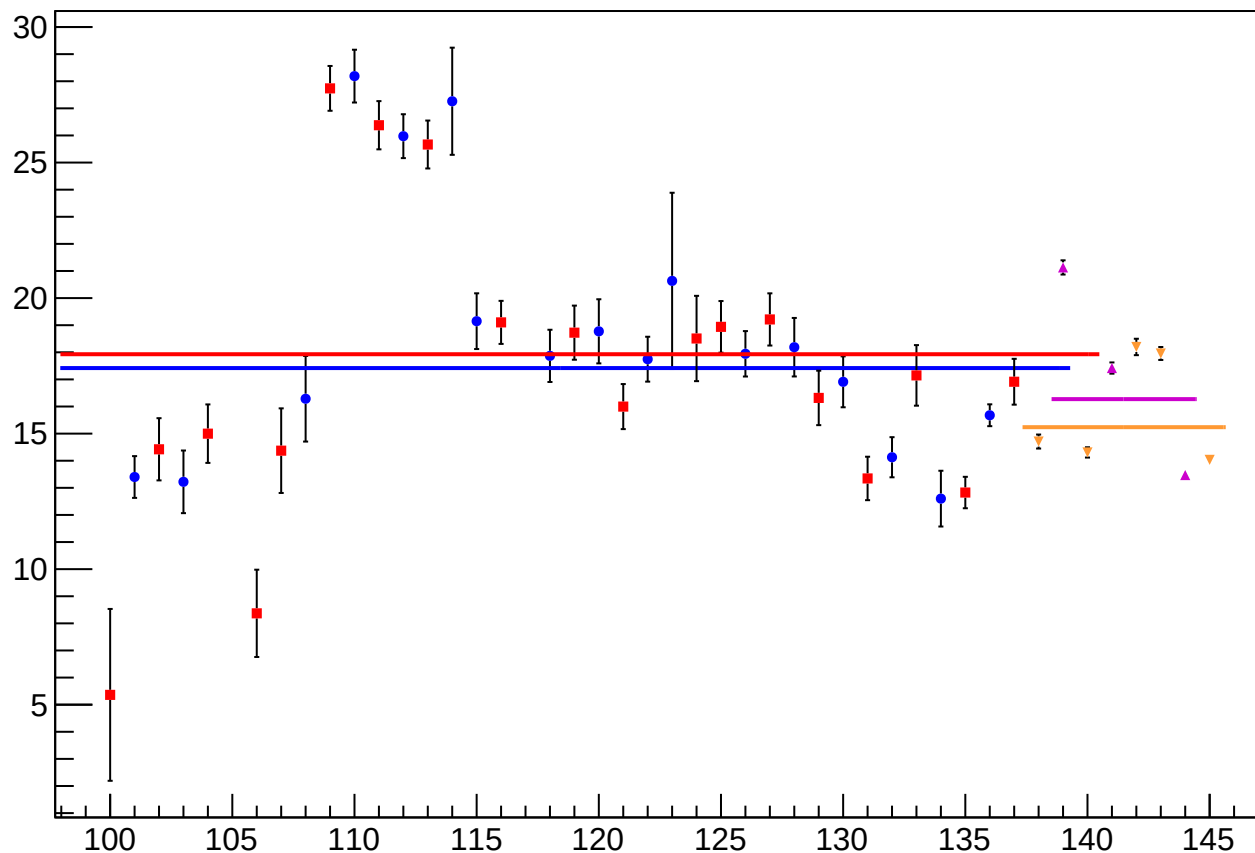
Right: 2.086 ± 0.084 χ^2/NDF : 641.1/35

In: 1.387 ± 0.069 χ^2/NDF : 325.5/19

Out: 1.324 ± 0.060 χ^2/NDF : 698.7/23

All: 1.352 ± 0.045 χ^2/NDF : 1024.7/43

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: 15.238 $\pm$ 0.096 χ^2 /NDF:309.0/4

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

Left In: 16.273 $\pm$ 0.117 χ^2 /NDF:645.9/2

Left: 15.650 $\pm$ 0.074 χ^2 /NDF: 1001.7/7

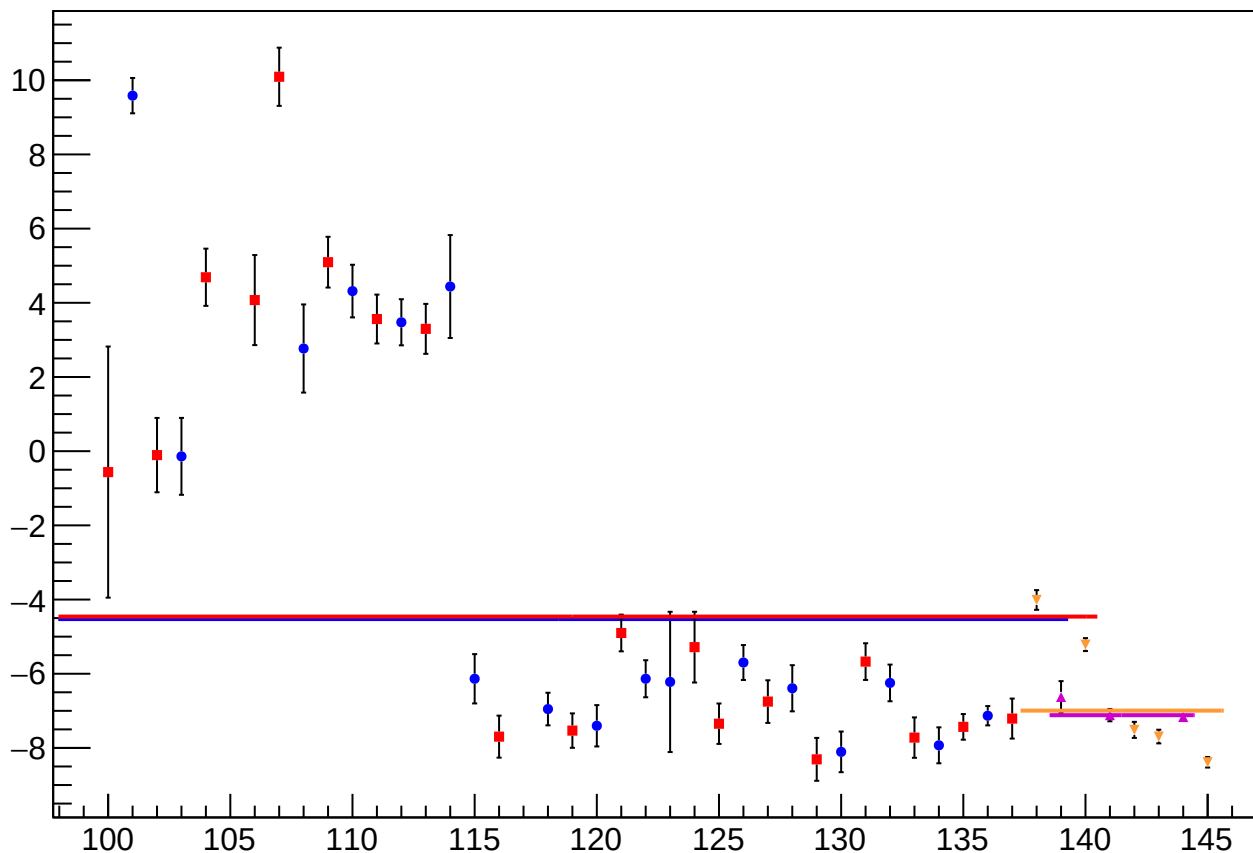
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 16.542 $\pm$ 0.103 χ^2 /NDF:1035.1/19

Out: 15.668 $\pm$ 0.088 χ^2 /NDF:942.4/23

All: 16.036 $\pm$ 0.067 χ^2 /NDF: 2019.4/43

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -6.994 ± 0.082 χ^2/NDF : 346.5/4

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

Left In: -7.117 ± 0.101 χ^2/NDF : 1.5/2

Left: -7.043 ± 0.064 χ^2/NDF : 348.8/7

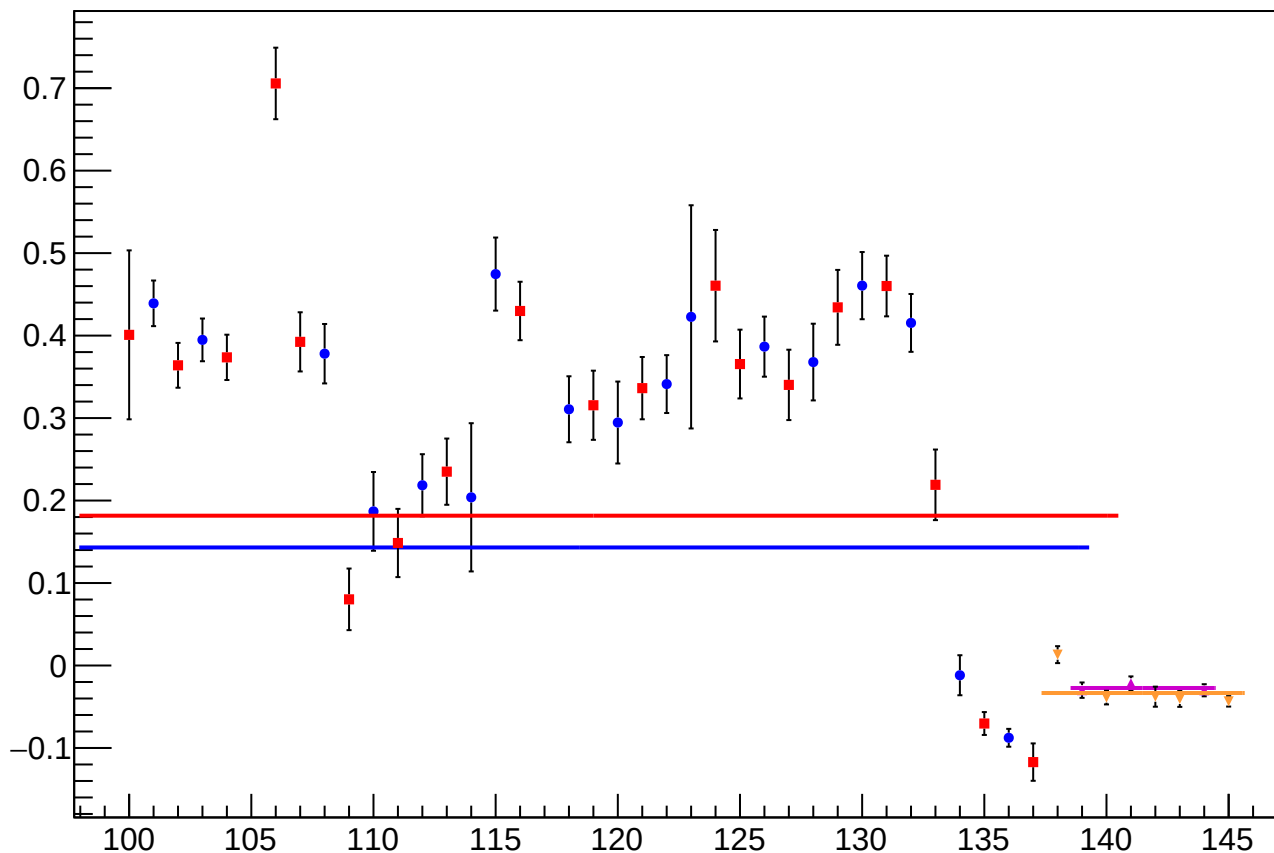
Right: -4.494 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.134 ± 0.080 χ^2/NDF : 1840.1/19

Out: -6.321 ± 0.071 χ^2/NDF : 1937.0/23

All: -6.239 ± 0.053 χ^2/NDF : 3780.1/43

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: -0.033 ± 0.004 $\chi^2/\text{NDF}: 24.2/4$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

Left In: -0.027 ± 0.005 $\chi^2/\text{NDF}: 0.7/2$

Left: -0.031 ± 0.003 $\chi^2/\text{NDF}: 25.9/7$

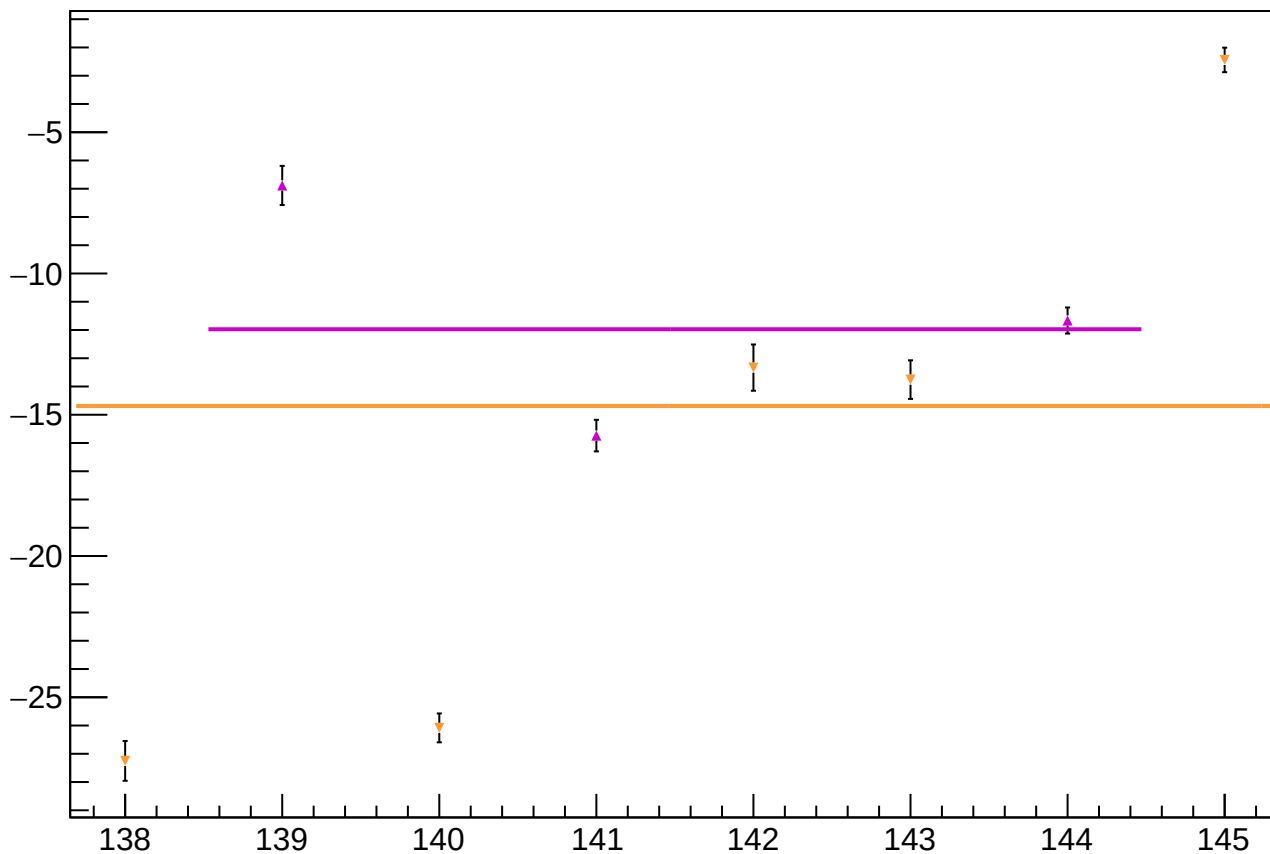
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2082.4/35$

In: 0.026 ± 0.004 $\chi^2/\text{NDF}: 1462.8/19$

Out: 0.013 ± 0.003 $\chi^2/\text{NDF}: 1696.2/23$

All: 0.019 ± 0.003 $\chi^2/\text{NDF}: 3165.1/43$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -14.690+/-0.260 χ^2/NDF :1616.3/4

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

Left In: -11.974+/-0.316 χ^2/NDF :99.8/2

Left: -13.595+/-0.201 χ^2/NDF : 1760.2/7

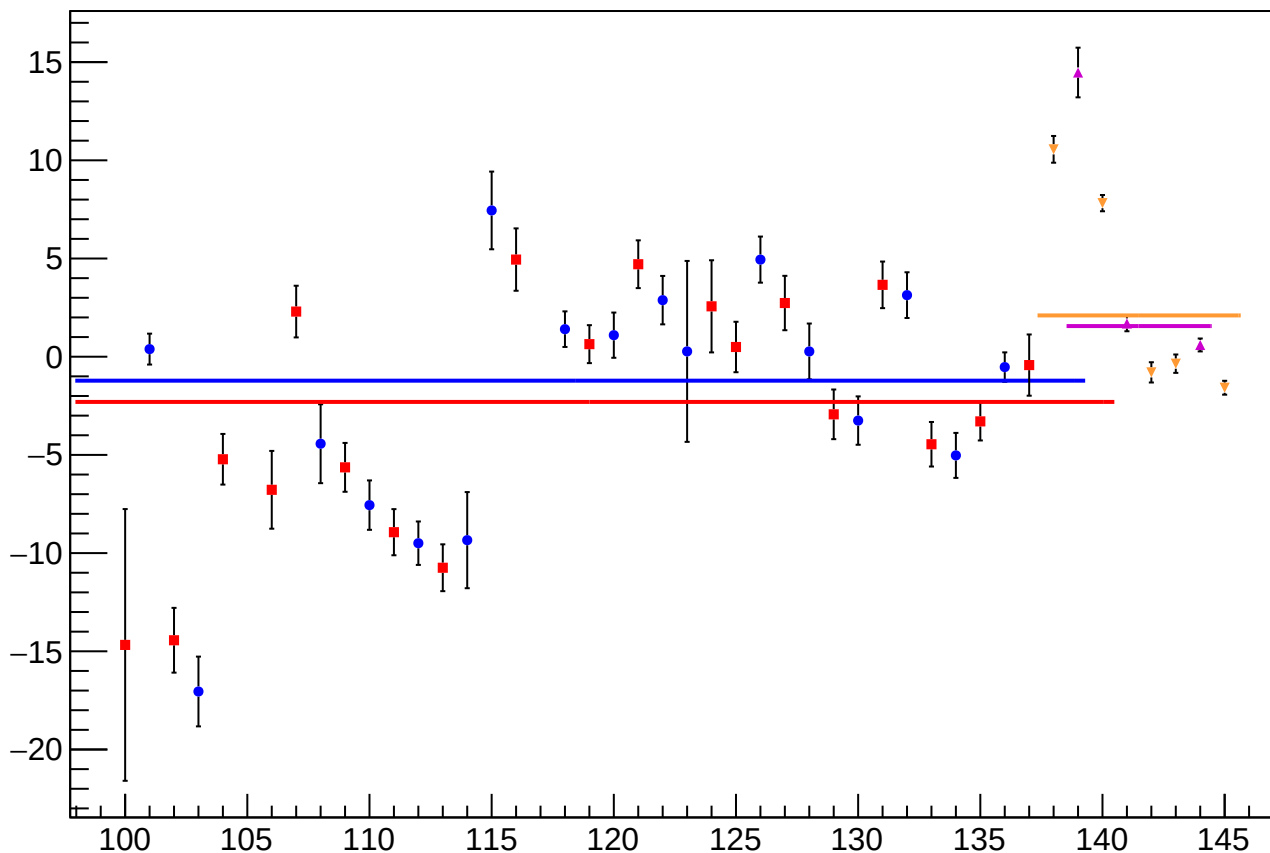
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.974+/-0.316 χ^2/NDF :99.8/2

Out: -14.690+/-0.260 χ^2/NDF :1616.3/4

All: -13.595+/-0.201 χ^2/NDF : 1760.2/7

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 2.102 ± 0.203 χ^2/NDF : 512.4/4

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

Left In: 1.560 ± 0.248 χ^2/NDF : 112.9/2

Left: 1.885 ± 0.157 χ^2/NDF : 628.2/7

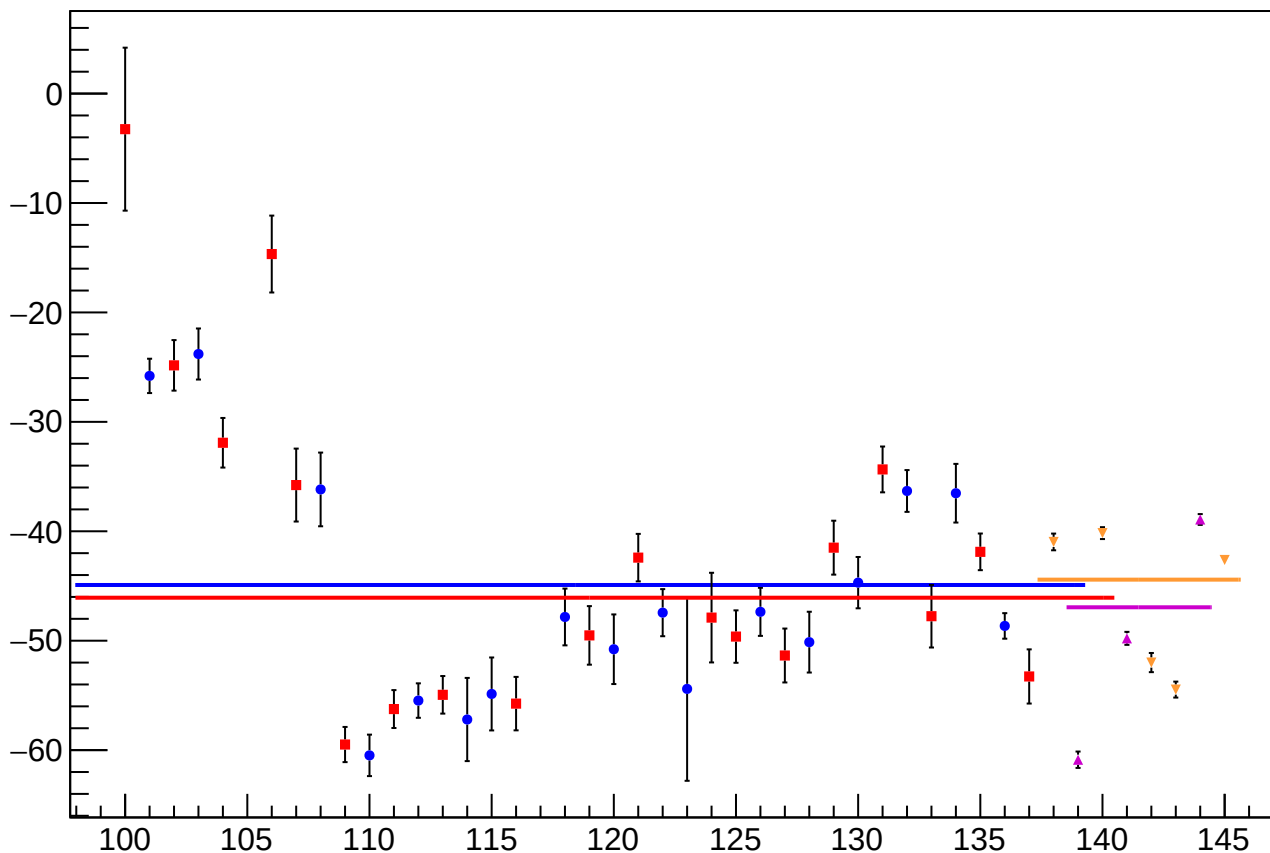
Right: -1.738 ± 0.209 χ^2/NDF : 571.5/35

In: 0.386 ± 0.188 χ^2/NDF : 444.6/19

Out: 0.736 ± 0.168 χ^2/NDF : 944.9/23

All: 0.581 ± 0.126 χ^2/NDF : 1391.4/43

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: -44.420 ± 0.277 $\chi^2/\text{NDF}: 361.5/4$

Right Out: -46.071 ± 0.528 $\chi^2/\text{NDF}: 454.0/18$

Left In: -46.946 ± 0.339 $\chi^2/\text{NDF}: 633.3/2$

Left: -45.434 ± 0.215 $\chi^2/\text{NDF}: 1028.2/7$

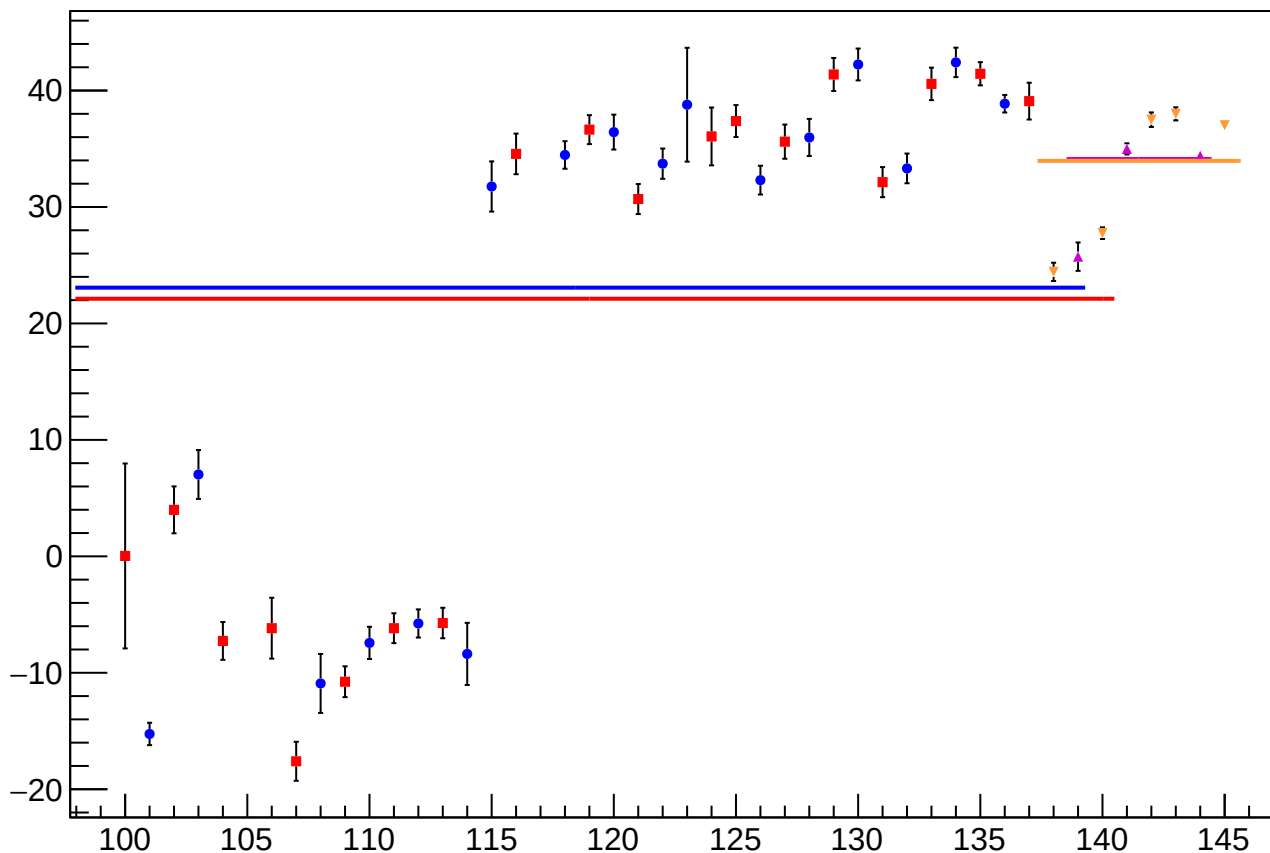
Right: -45.483 ± 0.371 $\chi^2/\text{NDF}: 877.6/35$

In: -46.343 ± 0.284 $\chi^2/\text{NDF}: 1065.2/19$

Out: -44.777 ± 0.246 $\chi^2/\text{NDF}: 823.2/23$

All: -45.446 ± 0.186 $\chi^2/\text{NDF}: 1905.8/43$

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: 33.964 $\pm$ 0.240 χ^2 /NDF:440.1/4

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

Left In: 34.121 $\pm$ 0.293 χ^2 /NDF:51.1/2

Left: 34.027 $\pm$ 0.186 χ^2 /NDF: 491.4/7

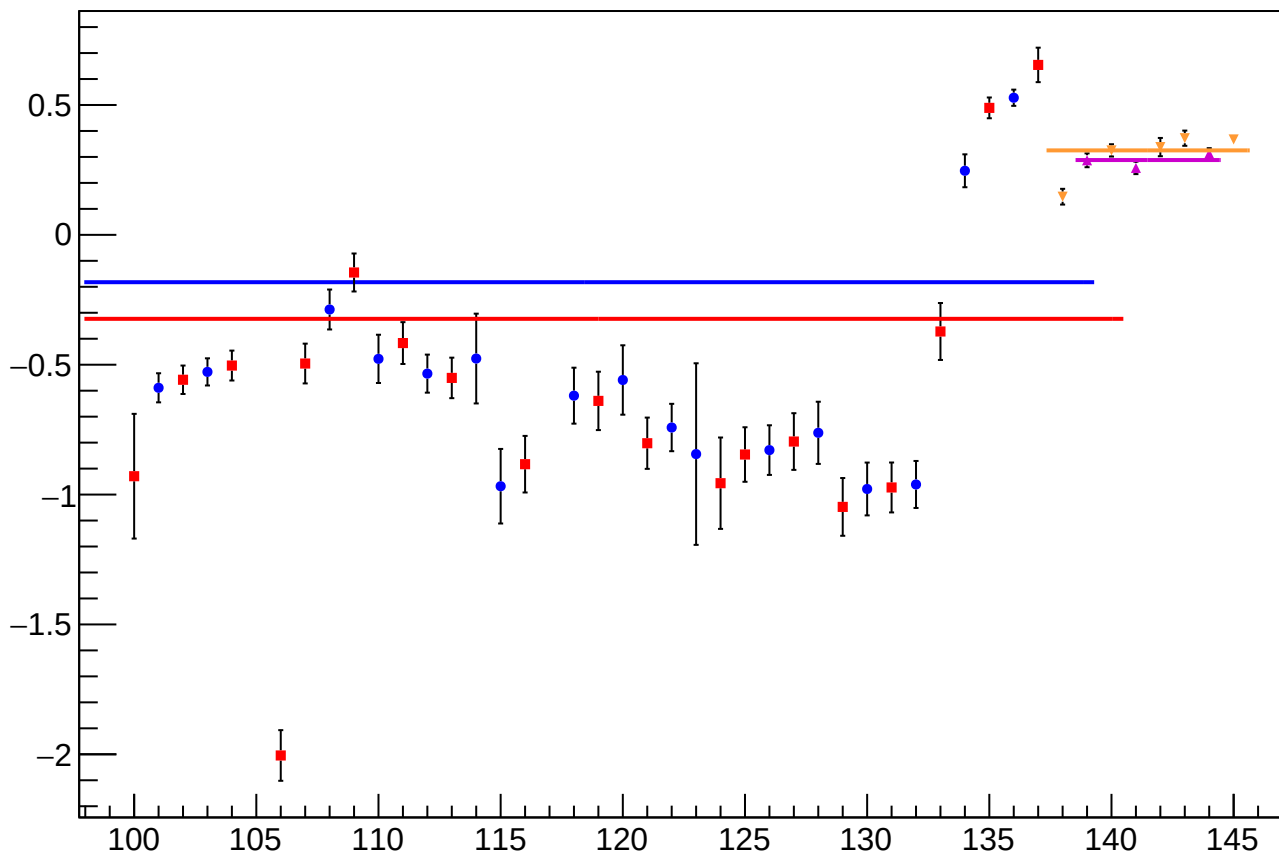
Right: 22.617 $\pm$ 0.235 χ^2 /NDF: 8384.4/35

In: 29.185 $\pm$ 0.218 χ^2 /NDF:5032.4/19

Out: 30.019 $\pm$ 0.196 χ^2 /NDF:5284.0/23

All: 29.646 $\pm$ 0.146 χ^2 /NDF: 10324.6/43

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 $\chi^2/\text{NDF}: 998.1/16$

Left Out: 0.325 ± 0.011 $\chi^2/\text{NDF}: 42.8/4$

Right Out: -0.323 ± 0.018 $\chi^2/\text{NDF}: 1184.5/18$

Left In: 0.288 ± 0.014 $\chi^2/\text{NDF}: 2.9/2$

Left: 0.310 ± 0.009 $\chi^2/\text{NDF}: 50.1/7$

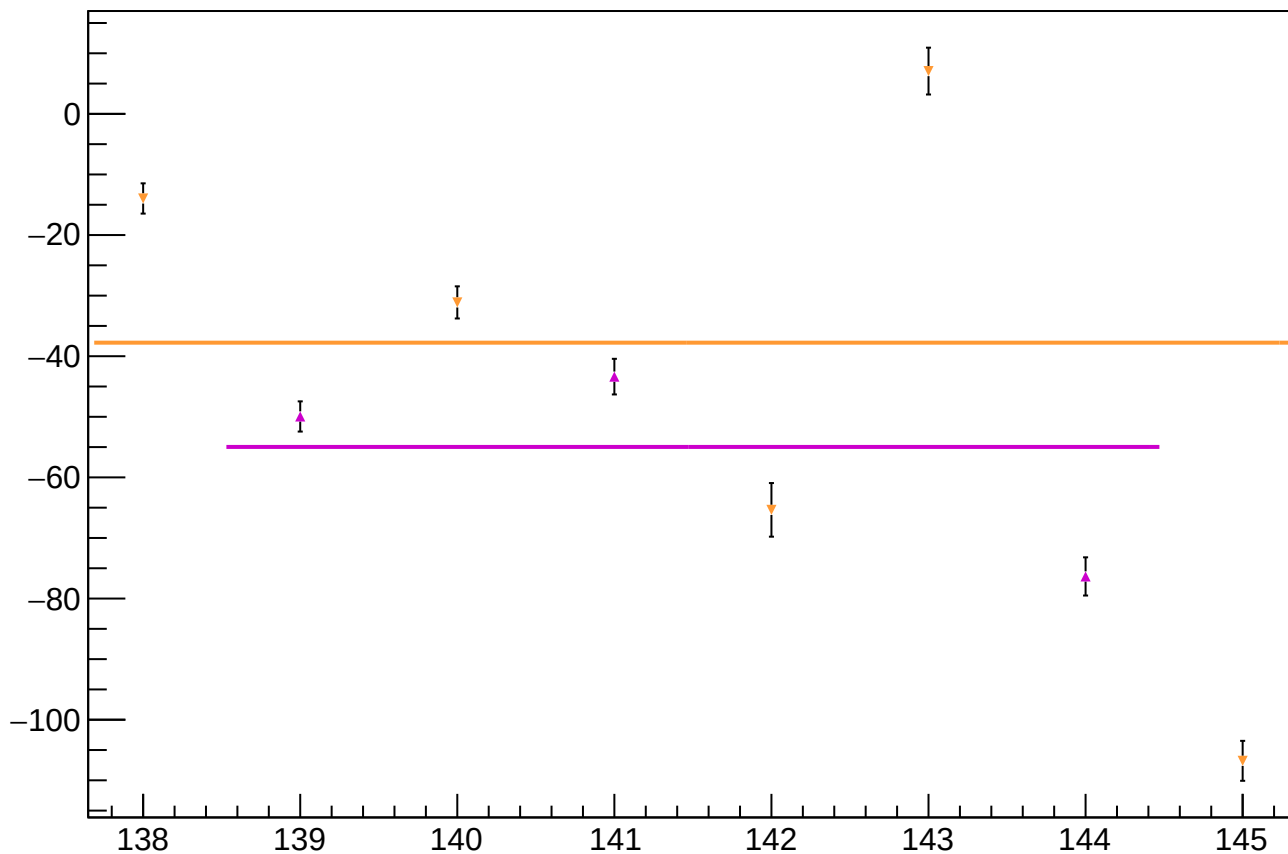
Right: -0.251 ± 0.013 $\chi^2/\text{NDF}: 2213.4/35$

In: 0.112 ± 0.011 $\chi^2/\text{NDF}: 1442.2/19$

Out: 0.145 ± 0.010 $\chi^2/\text{NDF}: 2149.0/23$

All: 0.131 ± 0.007 $\chi^2/\text{NDF}: 3596.4/43$

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.763+/-1.397 χ^2/NDF :708.9/4

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

Left In: -54.973+/-1.628 χ^2/NDF :65.6/2

Left: -45.060+/-1.060 χ^2/NDF : 838.8/7

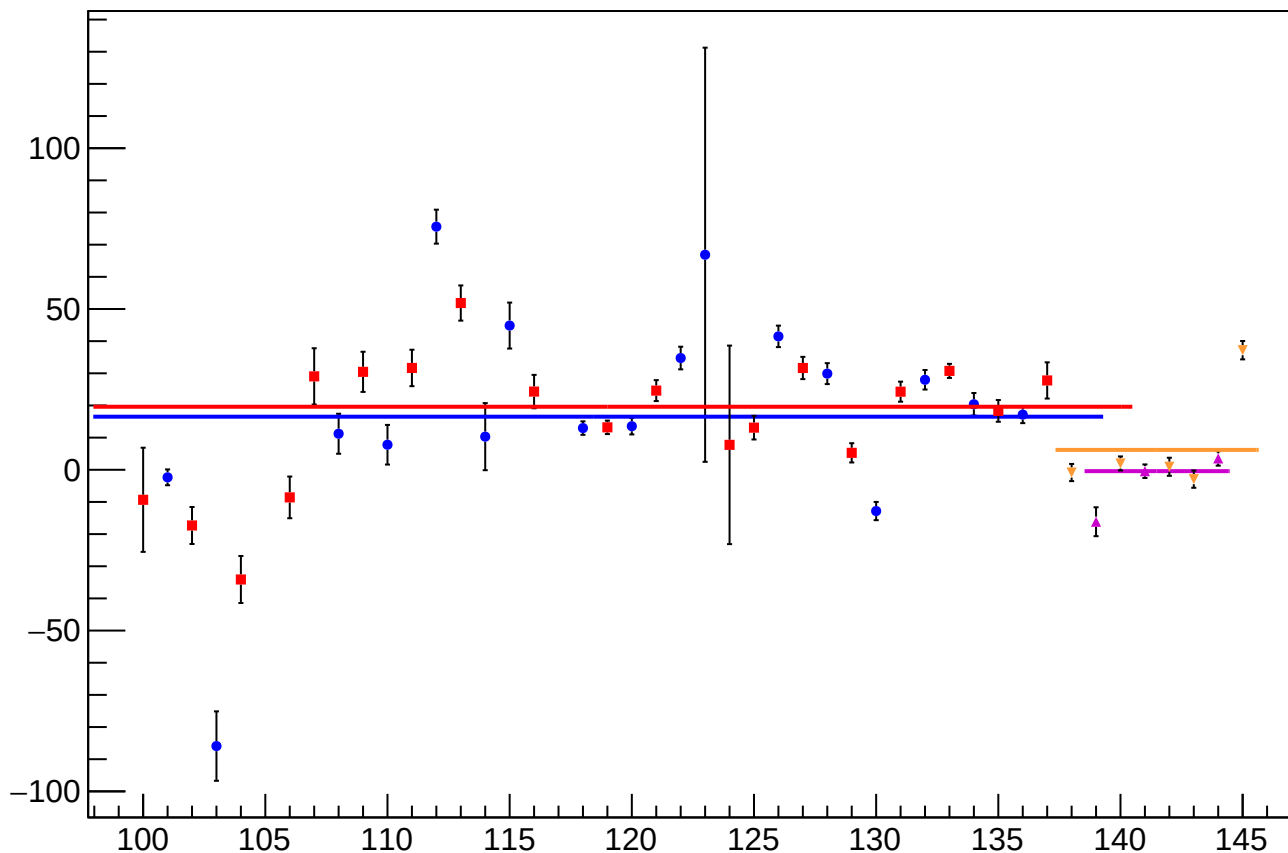
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.973+/-1.628 χ^2/NDF :65.6/2

Out: -37.763+/-1.397 χ^2/NDF :708.9/4

All: -45.060+/-1.060 χ^2/NDF : 838.8/7

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: 6.184 ± 1.165 $\chi^2/\text{NDF}: 143.3/4$

Right Out: 19.604 ± 0.898 $\chi^2/\text{NDF}: 242.0/18$

Left In: -0.424 ± 1.455 $\chi^2/\text{NDF}: 15.3/2$

Left: 3.603 ± 0.909 $\chi^2/\text{NDF}: 171.2/7$

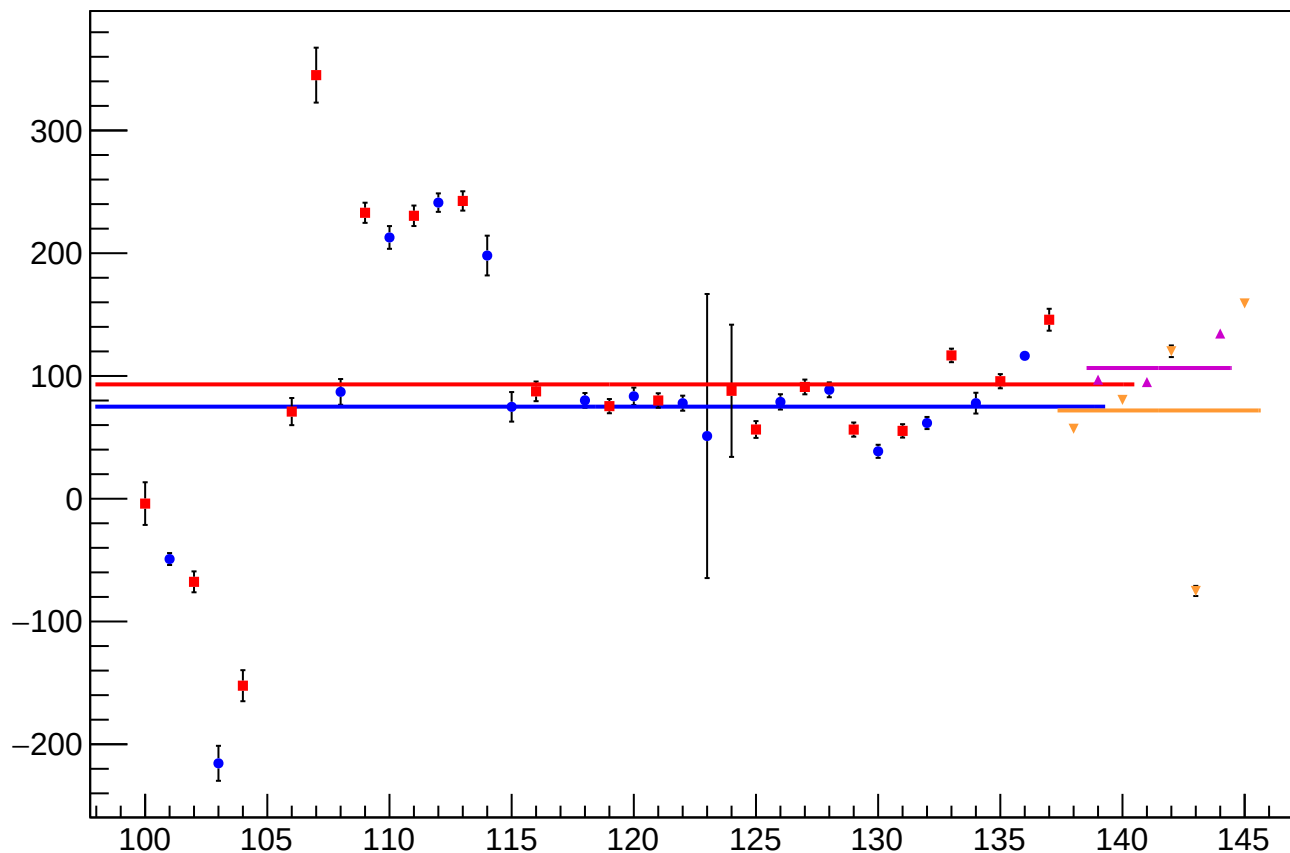
Right: 17.968 ± 0.616 $\chi^2/\text{NDF}: 767.9/35$

In: 12.222 ± 0.732 $\chi^2/\text{NDF}: 636.1/19$

Out: 14.599 ± 0.711 $\chi^2/\text{NDF}: 468.5/23$

All: 13.445 ± 0.510 $\chi^2/\text{NDF}: 1110.0/43$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF : 1999.3/16

Left Out: 71.907+/-1.491 χ^2/NDF : 2061.6/4

Right Out: 93.140+/-1.711 χ^2/NDF : 2002.3/18

Left In: 106.483+/-1.747 χ^2/NDF : 95.3/2

Left: 86.471+/-1.134 χ^2/NDF : 2383.5/7

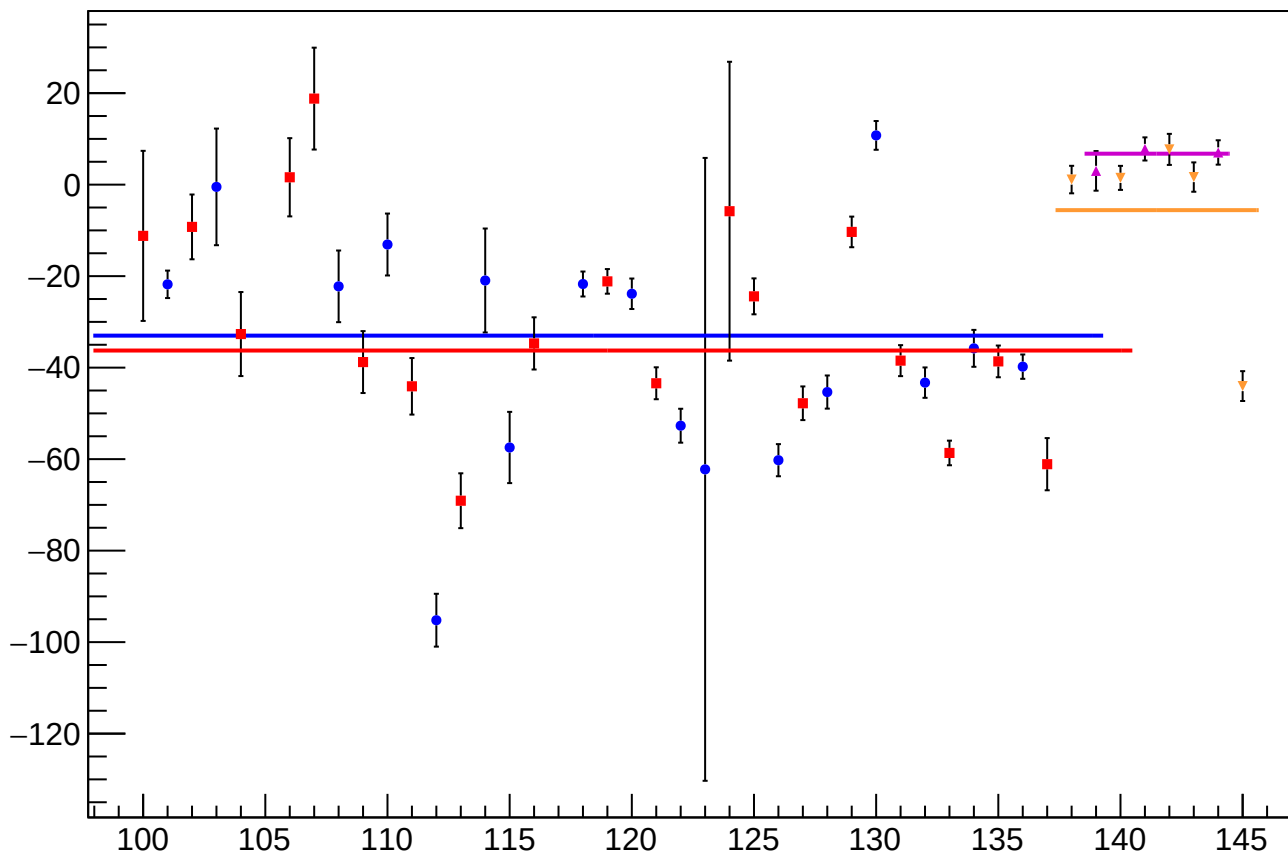
Right: 83.668+/-1.183 χ^2/NDF : 4060.3/35

In: 89.712+/-1.194 χ^2/NDF : 2267.5/19

Out: 81.067+/-1.124 χ^2/NDF : 4151.5/23

All: 85.128+/-0.818 χ^2/NDF : 6446.8/43

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: -5.574 ± 1.369 $\chi^2/\text{NDF}: 171.6/4$

Right Out: -36.260 ± 1.025 $\chi^2/\text{NDF}: 297.1/18$

Left In: 6.766 ± 1.689 $\chi^2/\text{NDF}: 0.9/2$

Left: -0.681 ± 1.063 $\chi^2/\text{NDF}: 204.8/7$

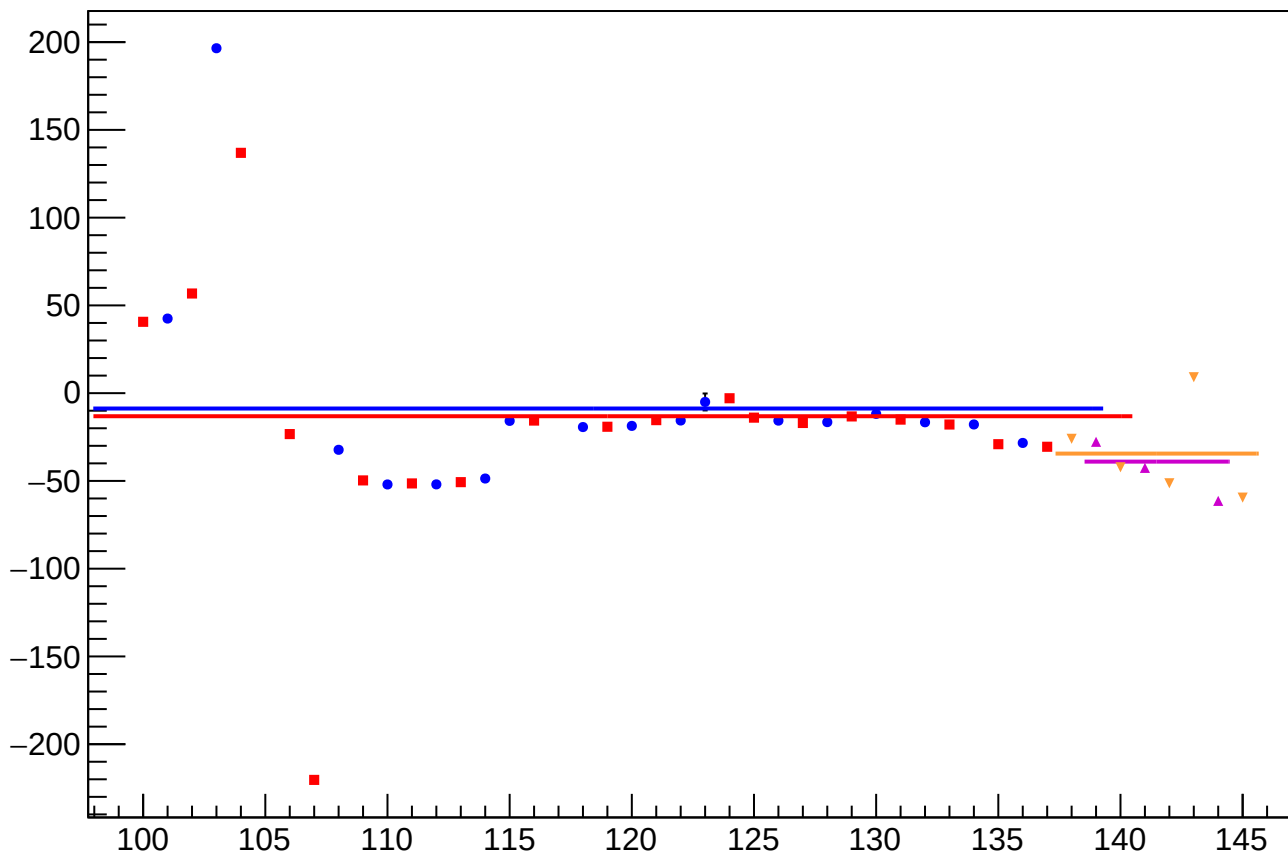
Right: -34.545 ± 0.705 $\chi^2/\text{NDF}: 795.4/35$

In: -23.113 ± 0.842 $\chi^2/\text{NDF}: 910.6/19$

Out: -25.232 ± 0.821 $\chi^2/\text{NDF}: 790.6/23$

All: -24.200 ± 0.588 $\chi^2/\text{NDF}: 1704.5/43$

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: -34.429 ± 0.060 $\chi^2/\text{NDF}: 122225.7/4$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

Left In: -39.009 ± 0.068 $\chi^2/\text{NDF}: 37832.3/2$

Left: -36.460 ± 0.045 $\chi^2/\text{NDF}: 162618.6/7$

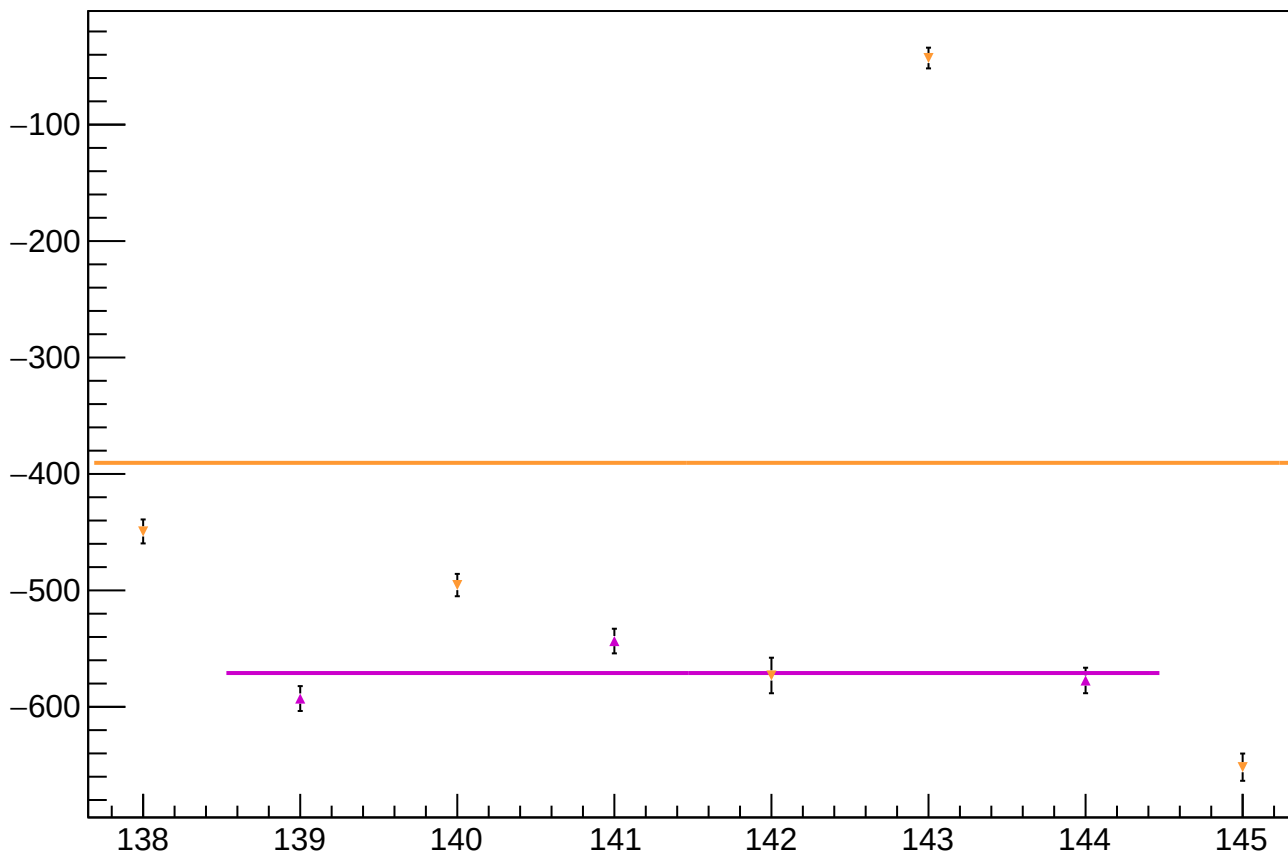
Right: -10.840 ± 0.043 $\chi^2/\text{NDF}: 1137294.9/35$

In: -21.802 ± 0.044 $\chi^2/\text{NDF}: 728040.8/19$

Out: -24.043 ± 0.043 $\chi^2/\text{NDF}: 741742.5/23$

All: -22.954 ± 0.031 $\chi^2/\text{NDF}: 1471095.4/43$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -390.450+/-4.739 χ^2/NDF :2320.8/4

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

Left In: -570.963+/-6.197 χ^2/NDF :11.3/2

Left: -457.070+/-3.764 χ^2/NDF : 2867.5/7

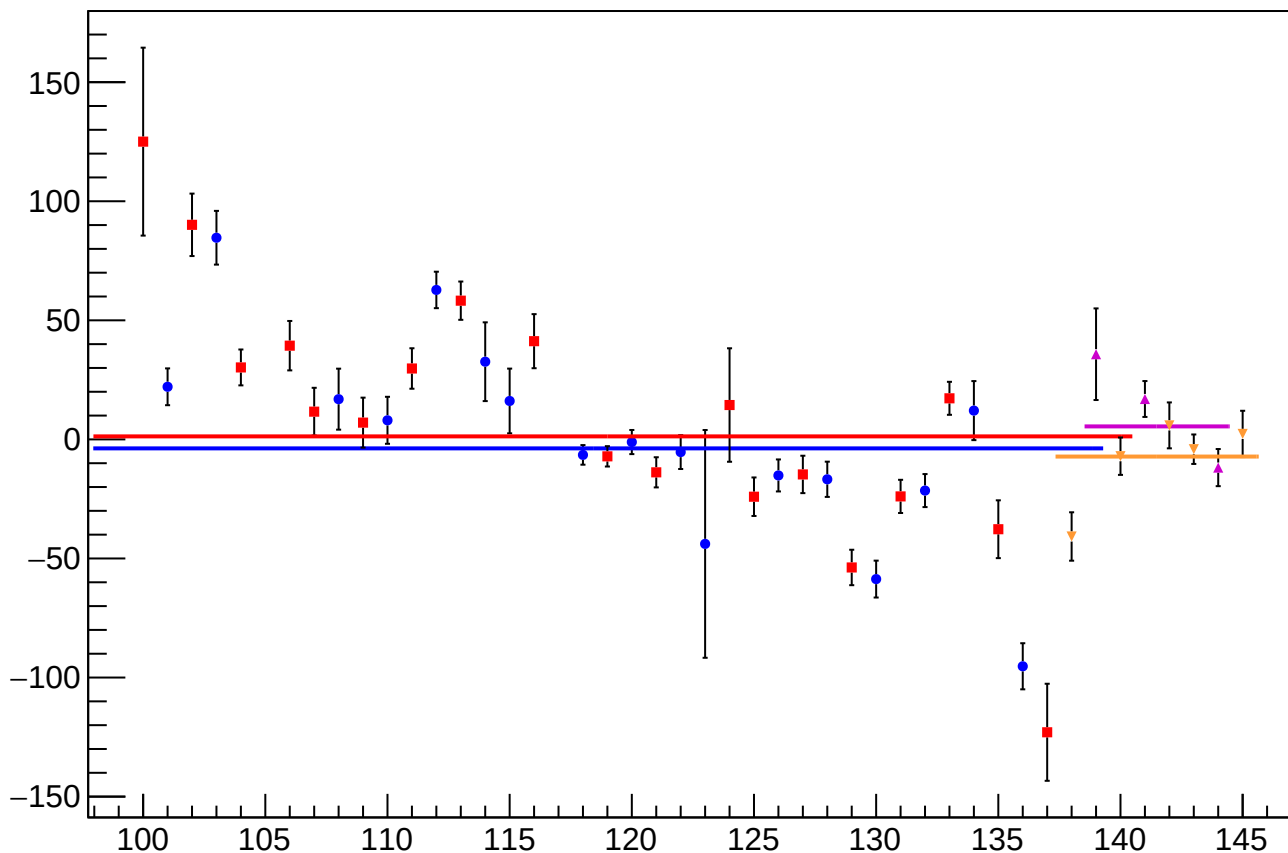
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -570.963+/-6.197 χ^2/NDF :11.3/2

Out: -390.450+/-4.739 χ^2/NDF :2320.8/4

All: -457.070+/-3.764 χ^2/NDF : 2867.5/7

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: -7.206 ± 3.691 χ^2/NDF : 14.0/4

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

Left In: 5.456 ± 5.215 χ^2/NDF : 9.7/2

Left: -2.981 ± 3.013 χ^2/NDF : 27.6/7

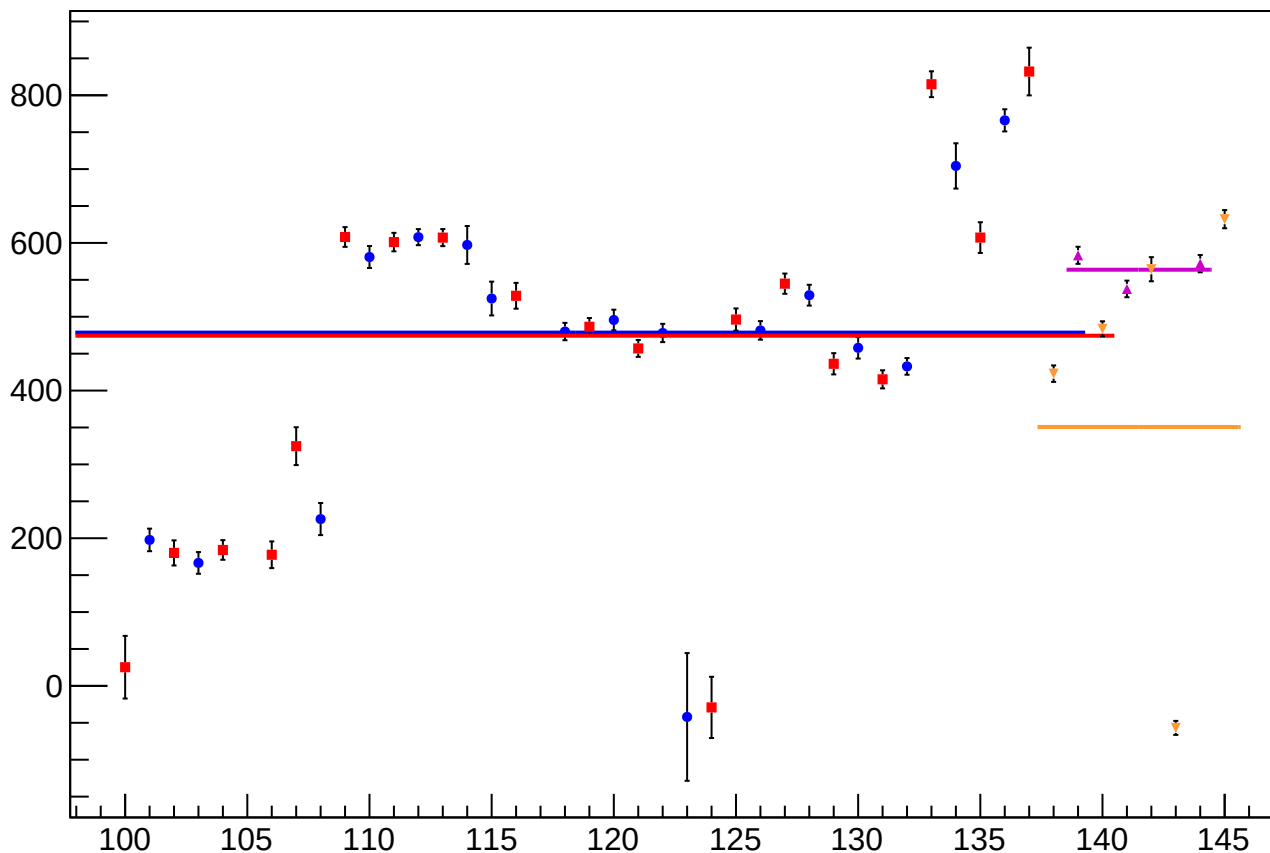
Right: -1.296 ± 1.346 χ^2/NDF : 621.6/35

In: -2.703 ± 1.776 χ^2/NDF : 326.9/19

Out: -0.539 ± 1.703 χ^2/NDF : 321.8/23

All: -1.576 ± 1.229 χ^2/NDF : 649.5/43

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF : 1629.0/16

Left Out: 350.616+/-5.061 χ^2/NDF : 2746.7/4

Right Out: 474.328+/-3.533 χ^2/NDF : 2287.1/18

Left In: 563.719+/-6.642 χ^2/NDF : 8.7/2

Left: 428.891+/-4.025 χ^2/NDF : 3406.7/7

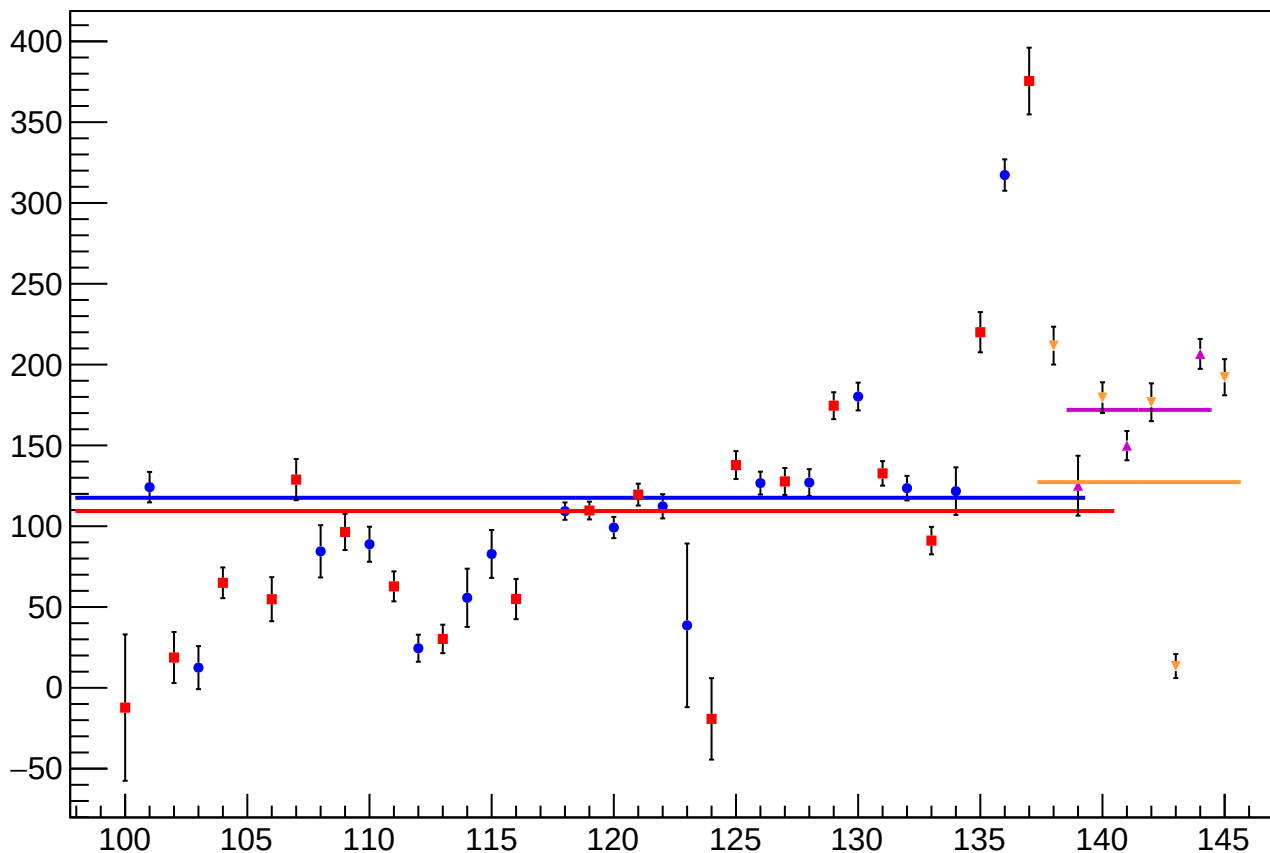
Right: 476.370+/-2.532 χ^2/NDF : 3916.8/35

In: 498.121+/-3.185 χ^2/NDF : 1764.4/19

Out: 433.797+/-2.897 χ^2/NDF : 5435.6/23

All: 462.913+/-2.143 χ^2/NDF : 7423.2/43

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585 $\pm$ 2.193 χ^2 /NDF: 706.9/16

Left Out: 127.303 $\pm$ 4.382 χ^2 /NDF:371.1/4

Right Out: 109.400 $\pm$ 2.210 χ^2 /NDF: 571.2/18

Left In: 171.972 $\pm$ 6.115 χ^2 /NDF:26.4/2

Left: 142.460 $\pm$ 3.562 χ^2 /NDF: 432.8/7

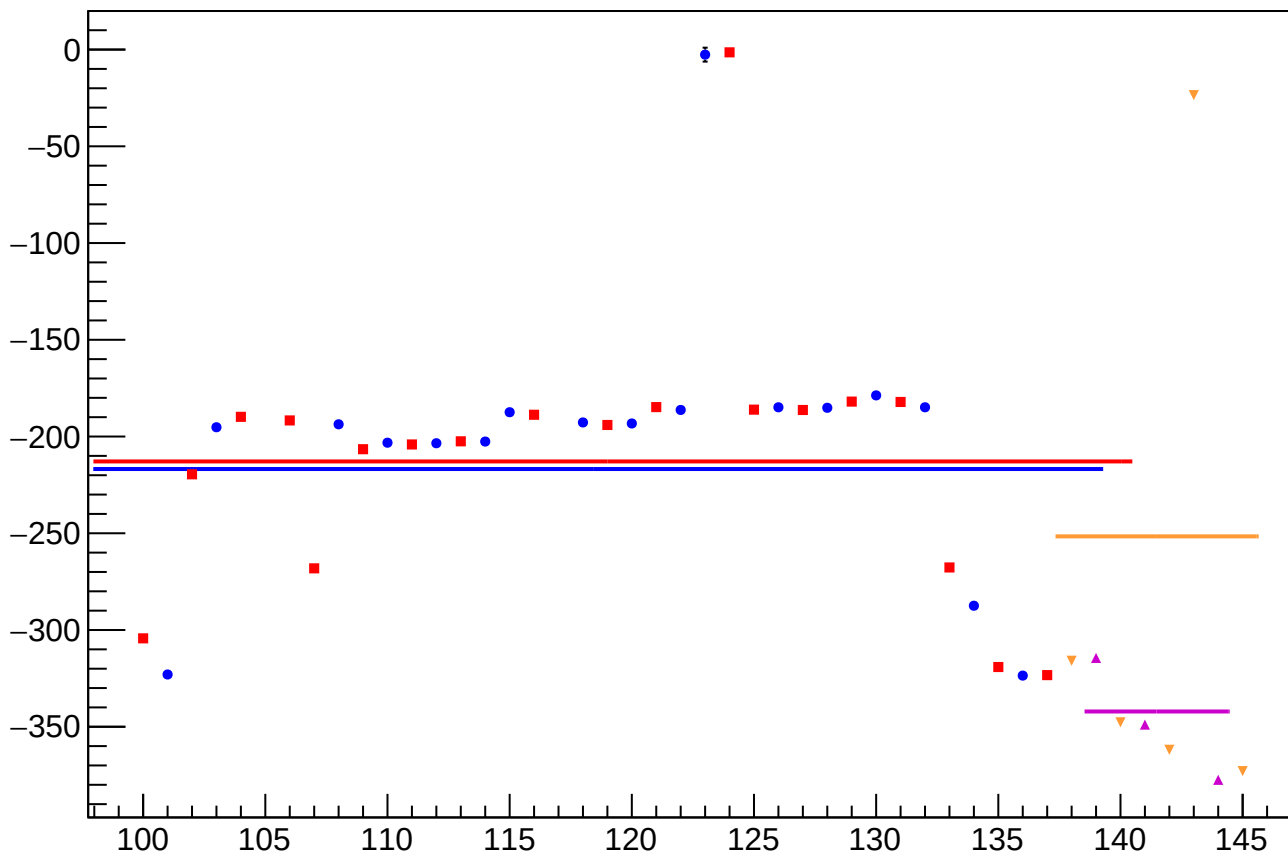
Right: 113.524 $\pm$ 1.557 χ^2 /NDF: 1285.0/35

In: 123.783 $\pm$ 2.064 χ^2 /NDF:803.4/19

Out: 113.029 $\pm$ 1.973 χ^2 /NDF:955.6/23

All: 118.164 $\pm$ 1.426 χ^2 /NDF: 1773.2/43

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -251.606 ± 0.206 $\chi^2/\text{NDF}: 517839.0/4$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

Left In: -342.113 ± 0.261 $\chi^2/\text{NDF}: 9600.0/2$

Left: -286.304 ± 0.162 $\chi^2/\text{NDF}: 601463.6/7$

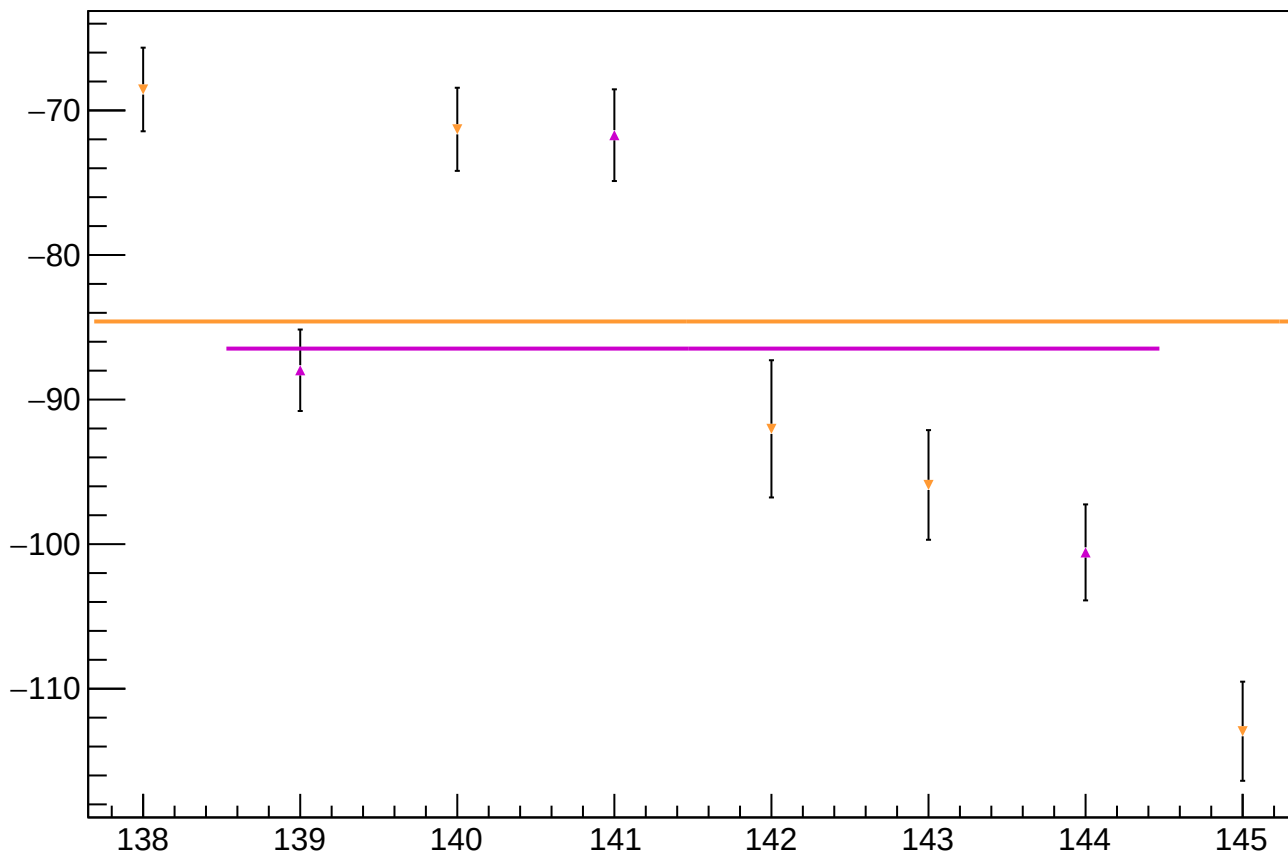
Right: -214.751 ± 0.094 $\chi^2/\text{NDF}: 263806.1/35$

In: -243.413 ± 0.120 $\chi^2/\text{NDF}: 337844.7/19$

Out: -223.923 ± 0.110 $\chi^2/\text{NDF}: 659511.2/23$

All: -232.793 ± 0.081 $\chi^2/\text{NDF}: 1011637.3/43$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -84.598+/-1.508 χ^2/NDF :131.9/4

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

Left In: -86.474+/-1.779 χ^2/NDF :40.0/2

Left: -85.383+/-1.150 χ^2/NDF : 172.5/7

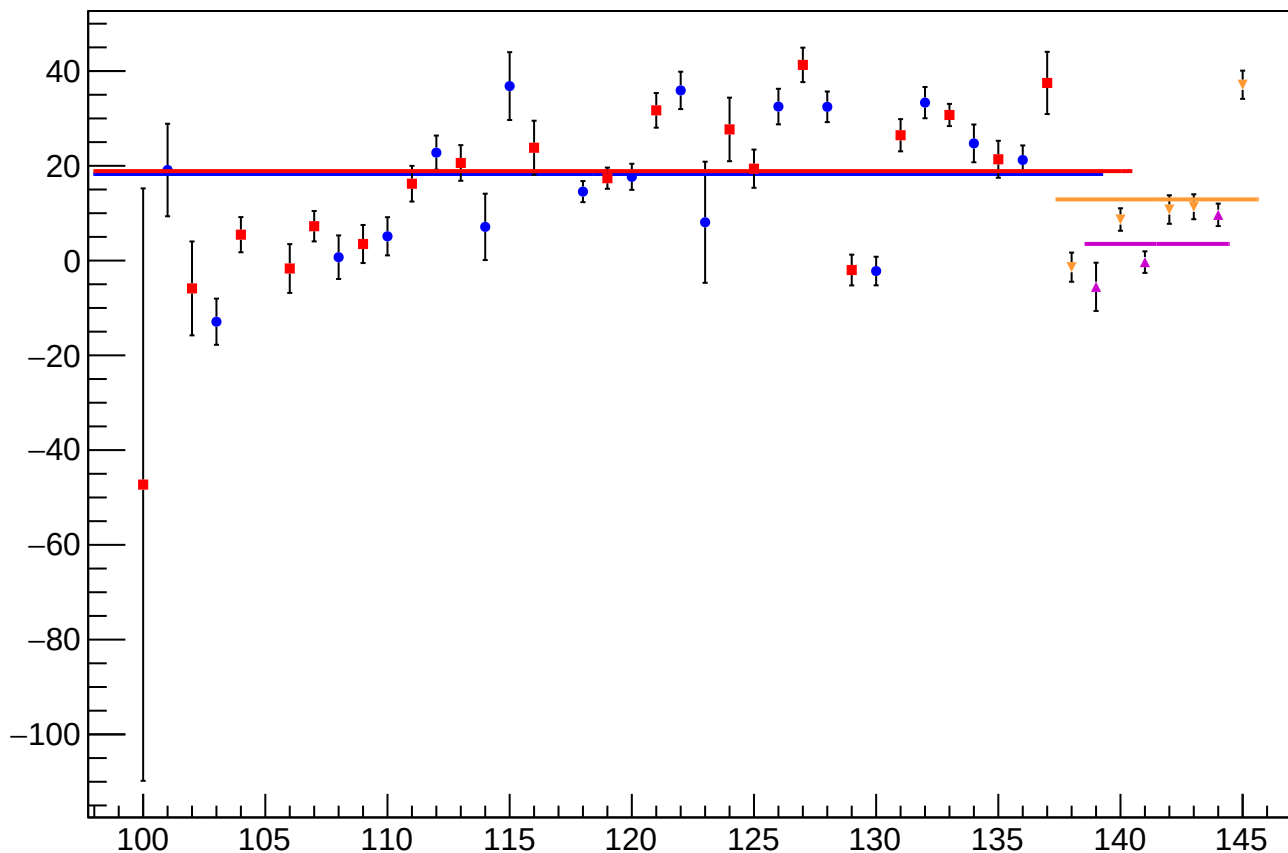
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.474+/-1.779 χ^2/NDF :40.0/2

Out: -84.598+/-1.508 χ^2/NDF :131.9/4

All: -85.383+/-1.150 χ^2/NDF : 172.5/7

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 12.913 ± 1.240 χ^2/NDF : 91.5/4

Right Out: 18.882 ± 0.864 χ^2/NDF : 198.4/18

Left In: 3.520 ± 1.562 χ^2/NDF : 12.7/2

Left: 9.280 ± 0.971 χ^2/NDF : 126.4/7

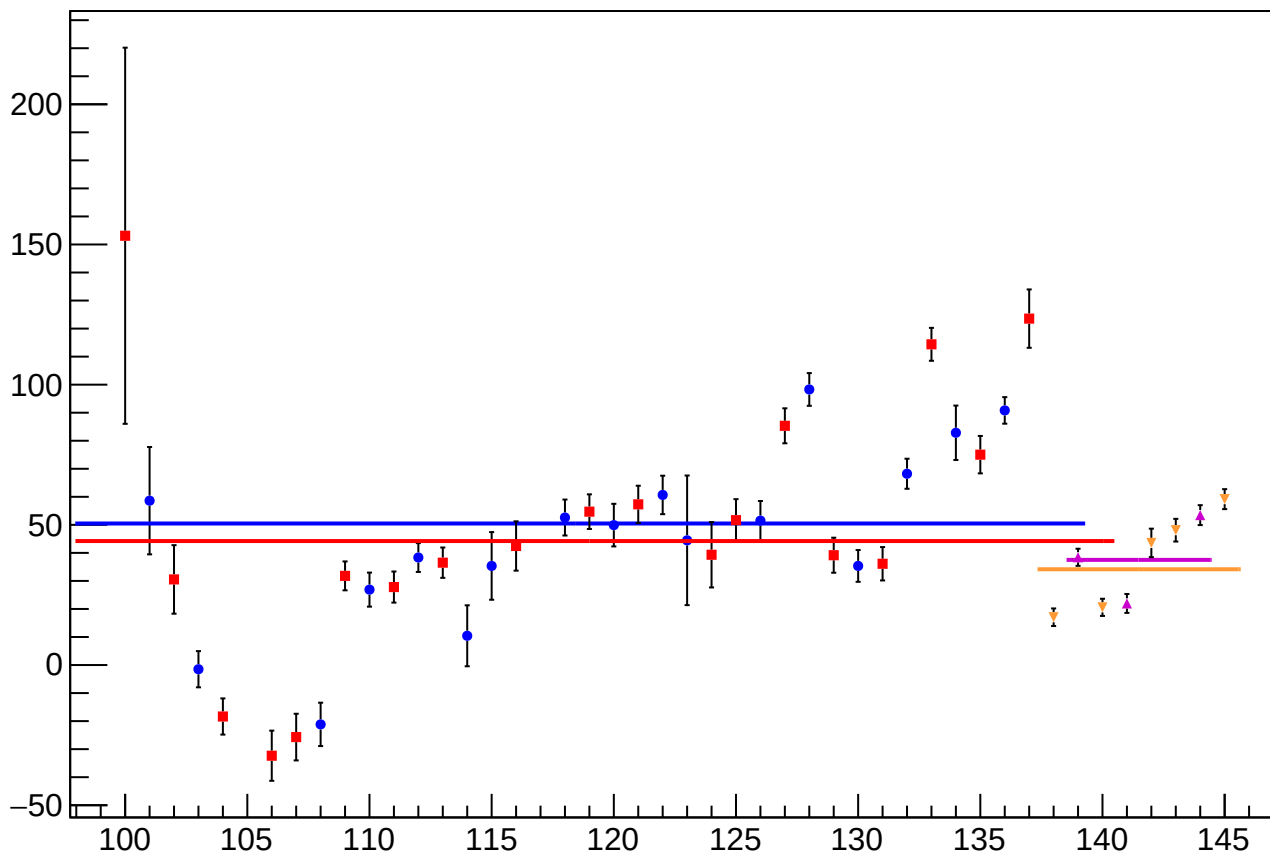
Right: 18.595 ± 0.625 χ^2/NDF : 403.2/35

In: 14.567 ± 0.783 χ^2/NDF : 284.1/19

Out: 16.931 ± 0.709 χ^2/NDF : 305.5/23

All: 15.866 ± 0.526 χ^2/NDF : 594.6/43

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: 34.158 $\pm$ 1.607 χ^2 /NDF:114.1/4

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

Left In: 37.506 $\pm$ 1.908 χ^2 /NDF:41.5/2

Left: 35.548 $\pm$ 1.229 χ^2 /NDF: 157.4/7

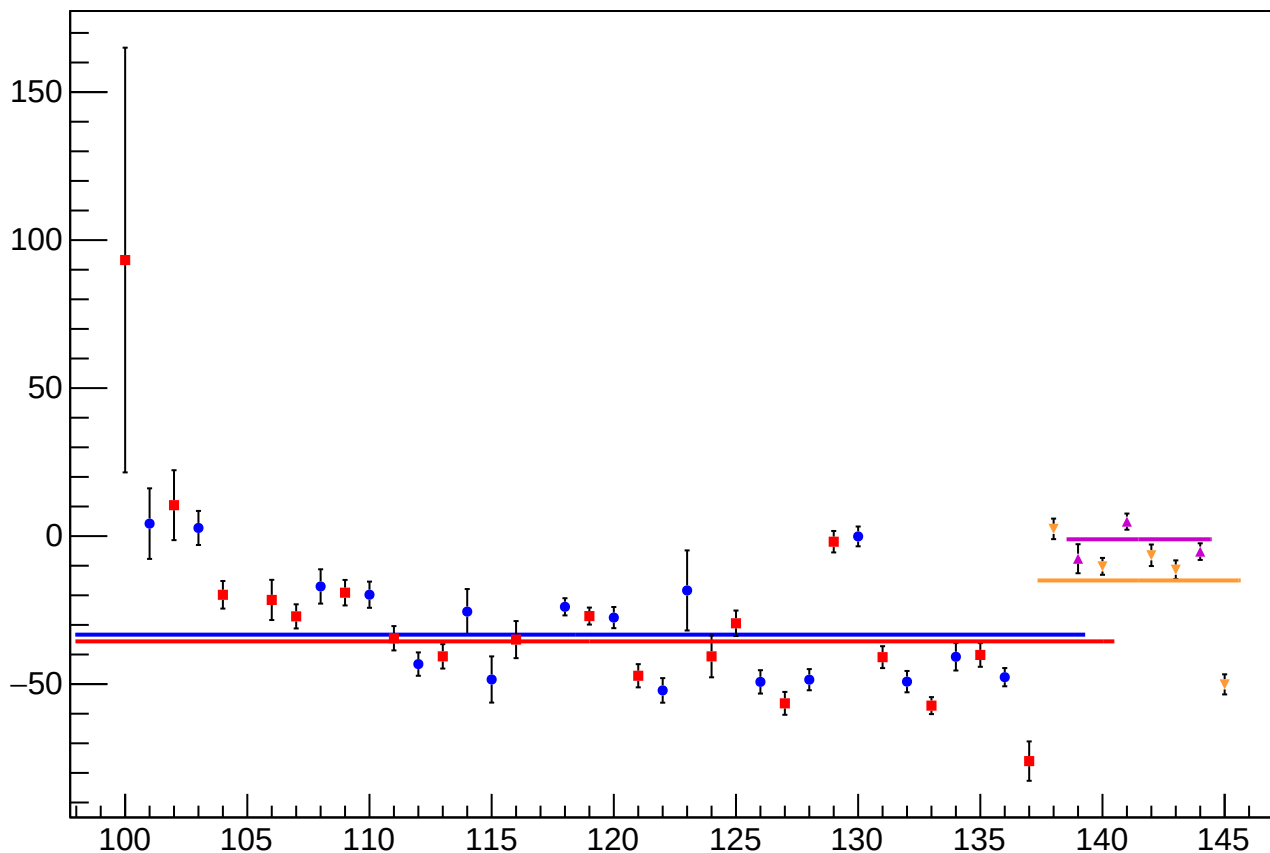
Right: 47.226 $\pm$ 1.156 χ^2 /NDF: 899.6/35

In: 44.860 $\pm$ 1.256 χ^2 /NDF:425.6/19

Out: 39.205 $\pm$ 1.135 χ^2 /NDF:668.1/23

All: 41.748 $\pm$ 0.842 χ^2 /NDF: 1104.9/43

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -14.983 ± 1.460 χ^2/NDF : 141.6/4

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

Left In: -1.075 ± 1.817 χ^2/NDF : 8.8/2

Left: -9.524 ± 1.138 χ^2/NDF : 186.0/7

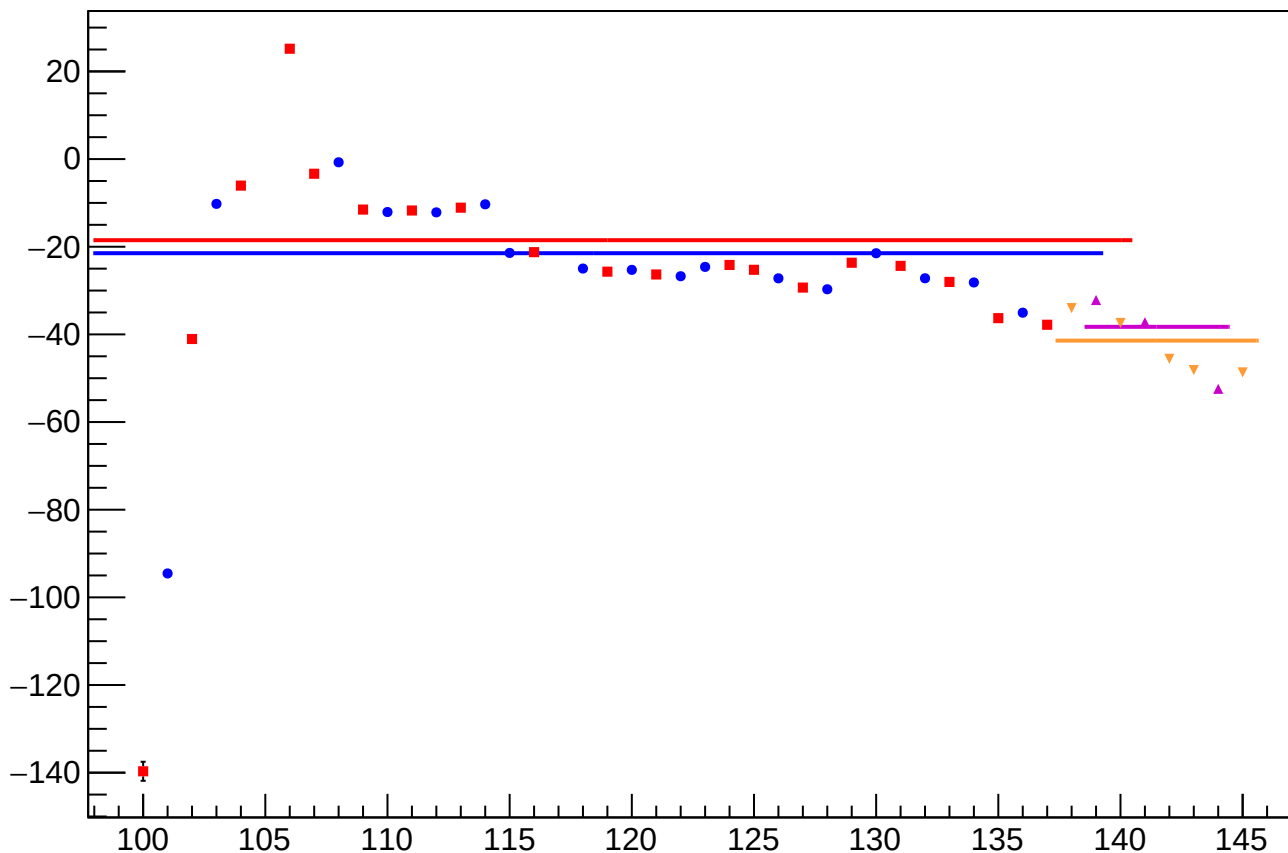
Right: -34.474 ± 0.716 χ^2/NDF : 579.3/35

In: -25.420 ± 0.898 χ^2/NDF : 535.5/19

Out: -29.062 ± 0.821 χ^2/NDF : 565.1/23

All: -27.404 ± 0.606 χ^2/NDF : 1109.7/43

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -41.418 ± 0.065 $\chi^2/\text{NDF}: 9399.7/4$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

Left In: -38.276 ± 0.074 $\chi^2/\text{NDF}: 11584.0/2$

Left: -40.050 ± 0.049 $\chi^2/\text{NDF}: 21998.7/7$

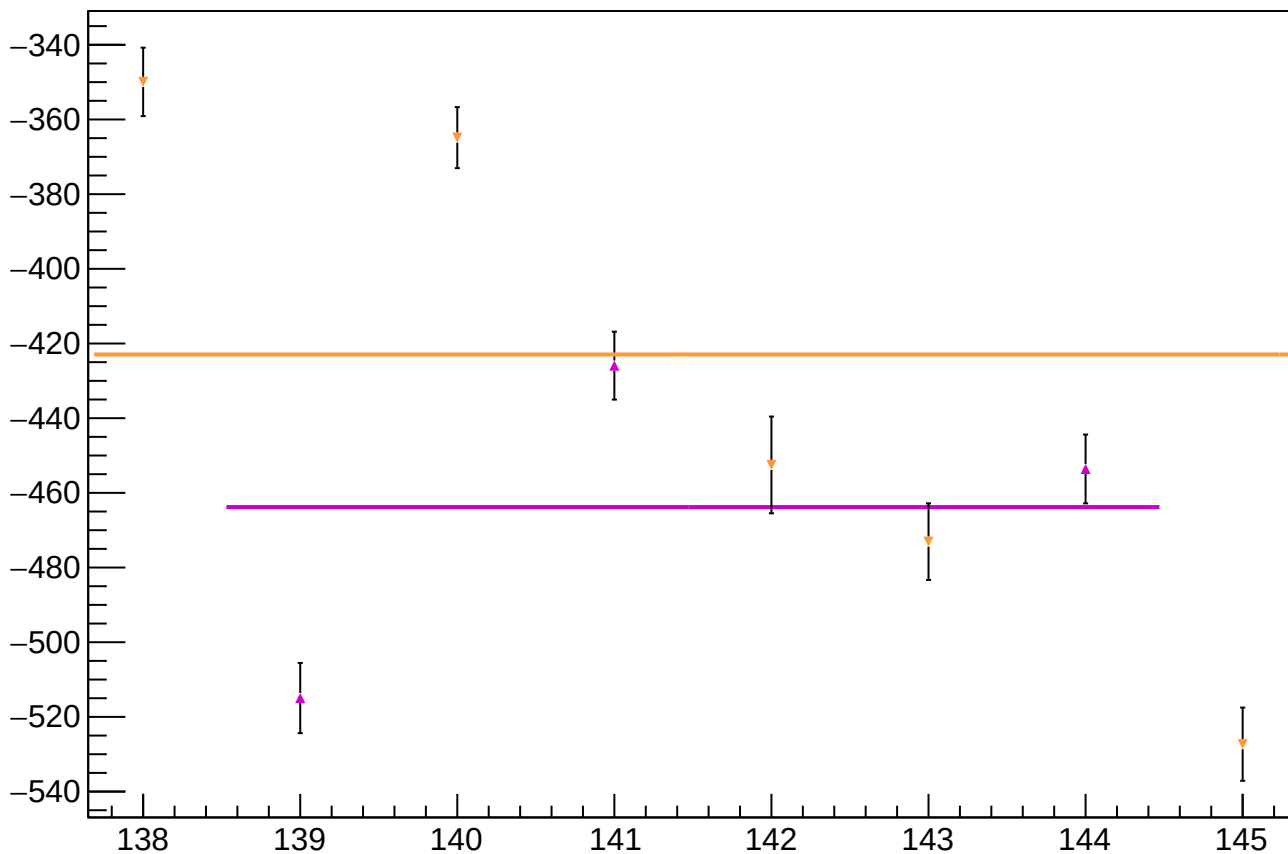
Right: -19.957 ± 0.041 $\chi^2/\text{NDF}: 131054.3/35$

In: -27.950 ± 0.046 $\chi^2/\text{NDF}: 92177.3/19$

Out: -28.519 ± 0.043 $\chi^2/\text{NDF}: 159893.5/23$

All: -28.253 ± 0.031 $\chi^2/\text{NDF}: 252152.4/43$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -422.938+/-4.355 χ^2/NDF :256.3/4

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

Left In: -463.802+/-5.332 χ^2/NDF :48.1/2

Left: -439.288+/-3.373 χ^2/NDF : 339.7/7

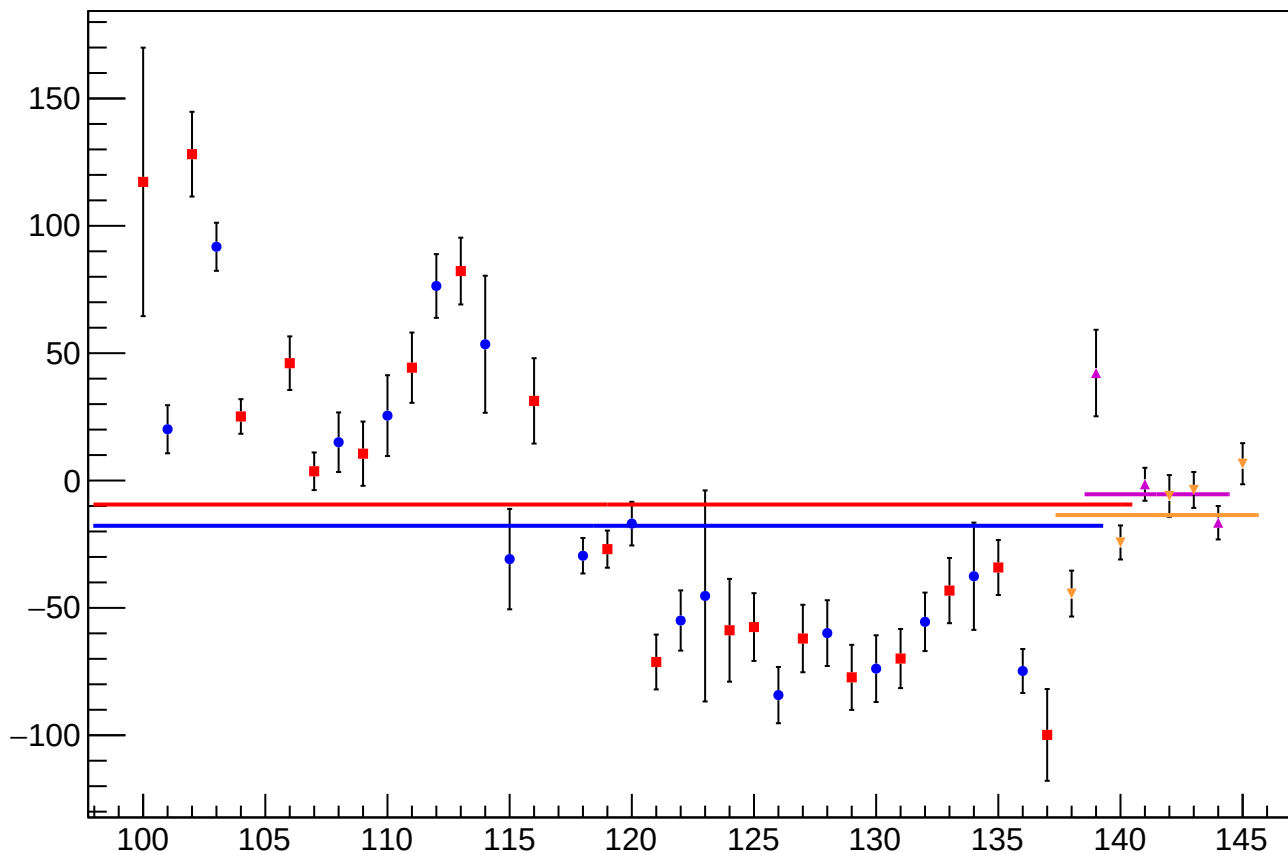
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -463.802+/-5.332 χ^2/NDF :48.1/2

Out: -422.938+/-4.355 χ^2/NDF :256.3/4

All: -439.288+/-3.373 χ^2/NDF : 339.7/7

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: -13.552 ± 3.428 χ^2/NDF : 23.3/4

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

Left In: -5.397 ± 4.451 χ^2/NDF : 11.1/2

Left: -10.516 ± 2.716 χ^2/NDF : 36.6/7

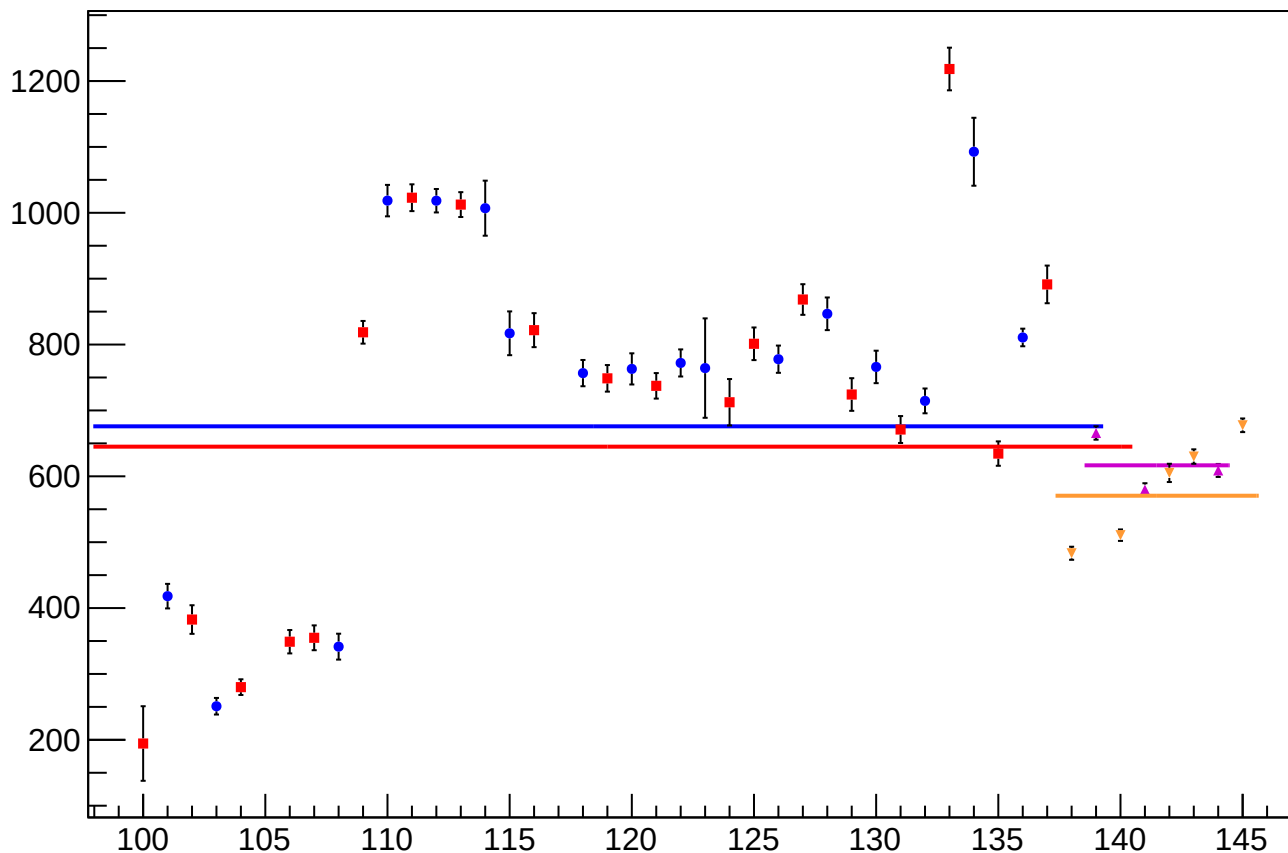
Right: -13.331 ± 1.905 χ^2/NDF : 738.2/35

In: -14.291 ± 2.359 χ^2/NDF : 380.5/19

Out: -10.937 ± 2.078 χ^2/NDF : 393.8/23

All: -12.403 ± 1.559 χ^2/NDF : 775.5/43

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: 570.536 ± 4.651 $\chi^2/\text{NDF}: 267.2/4$

Right Out: 645.014 ± 4.761 $\chi^2/\text{NDF}: 3123.3/18$

Left In: 616.674 ± 5.714 $\chi^2/\text{NDF}: 38.4/2$

Left: 588.925 ± 3.607 $\chi^2/\text{NDF}: 344.8/7$

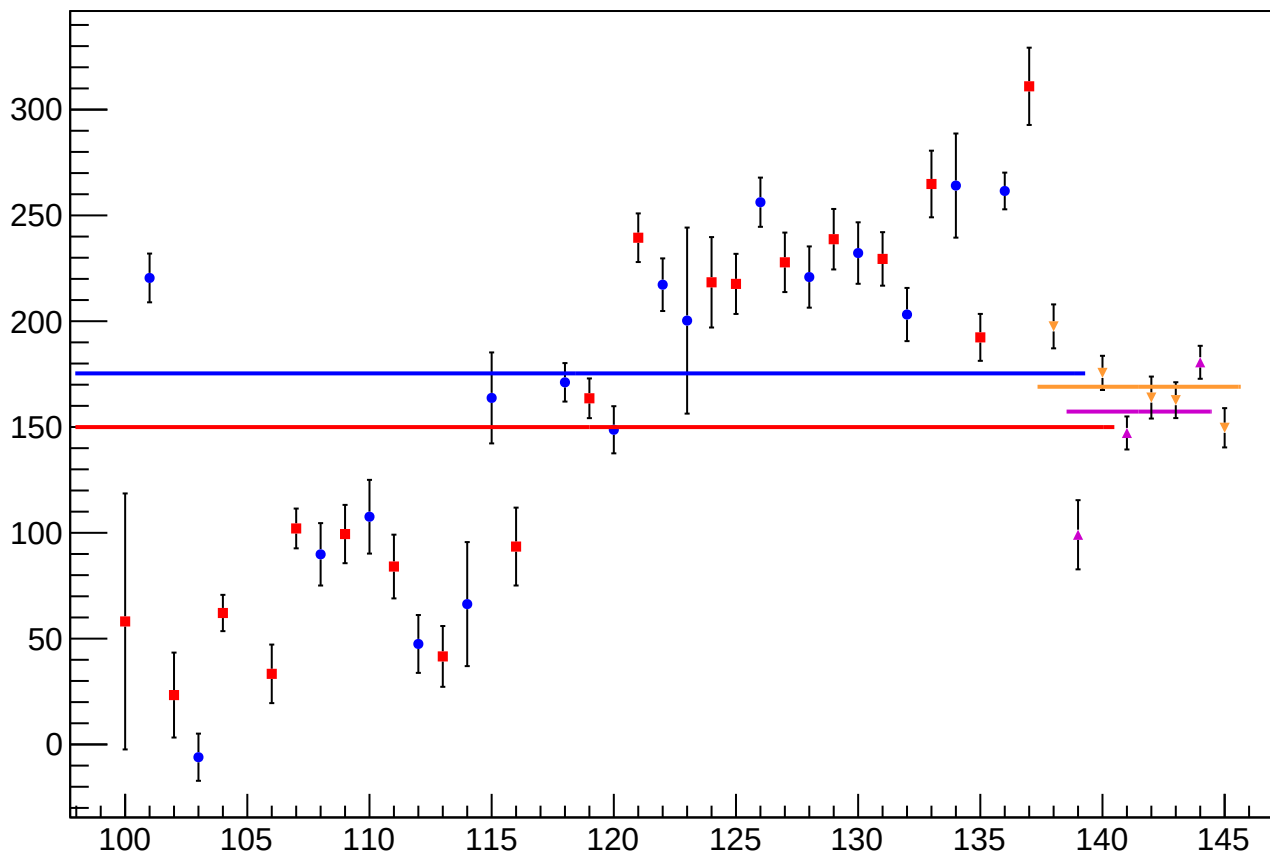
Right: 659.573 ± 3.460 $\chi^2/\text{NDF}: 5729.5/35$

In: 649.985 ± 3.779 $\chi^2/\text{NDF}: 2685.2/19$

Out: 606.909 ± 3.327 $\chi^2/\text{NDF}: 3515.6/23$

All: 625.722 ± 2.497 $\chi^2/\text{NDF}: 6274.0/43$

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: 169.027 $\pm$ 4.072 χ^2 /NDF:13.4/4

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

Left In: 157.294 $\pm$ 5.224 χ^2 /NDF:23.3/2

Left: 164.592 $\pm$ 3.212 χ^2 /NDF: 39.8/7

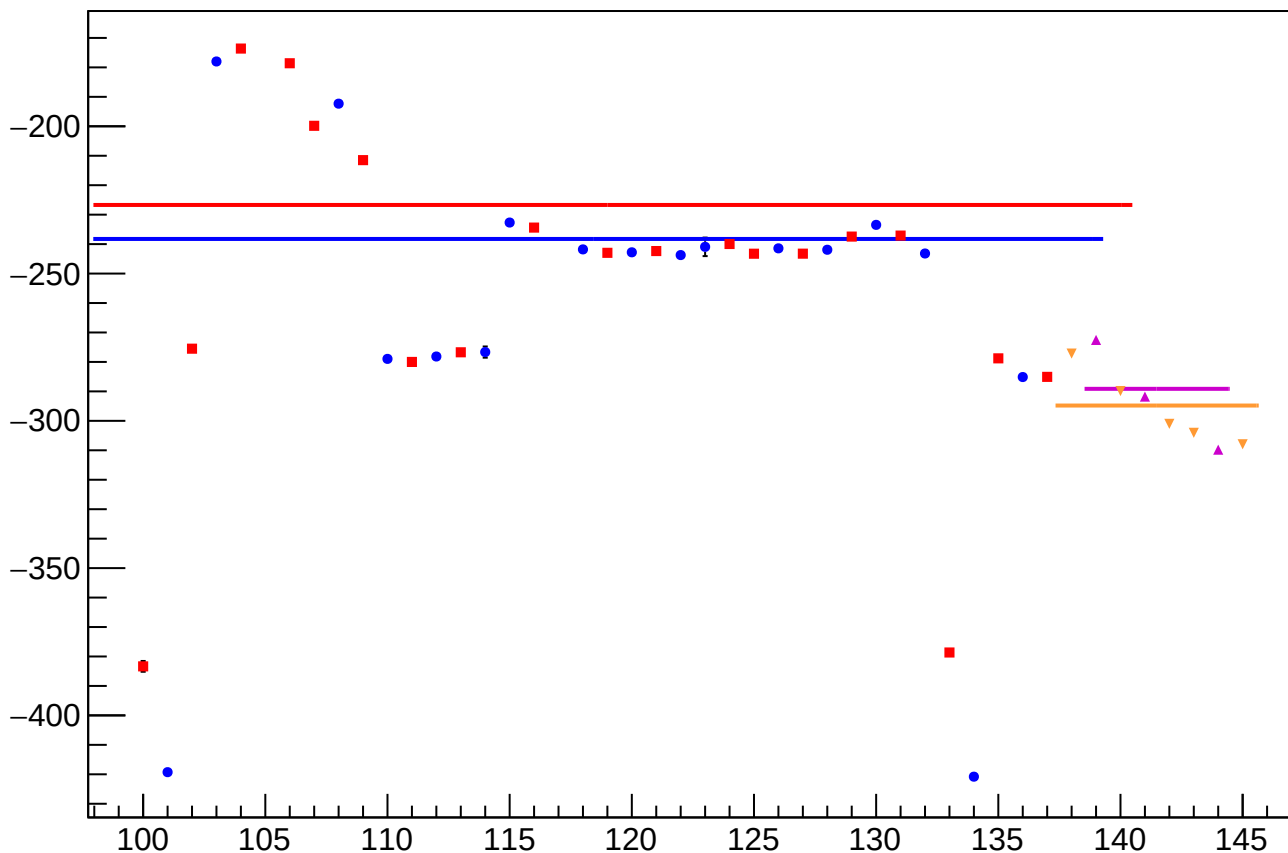
Right: 162.013 $\pm$ 2.207 χ^2 /NDF: 1364.6/35

In: 170.411 $\pm$ 2.731 χ^2 /NDF:670.4/19

Out: 156.802 $\pm$ 2.439 χ^2 /NDF:720.6/23

All: 162.840 $\pm$ 1.819 χ^2 /NDF: 1404.8/43

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2 /NDF: 167125.9/16

Left Out: -294.804+/-0.190 χ^2 /NDF:3764.4/4

Right Out: -226.706+/-0.151 χ^2 /NDF: 102831.3/18

Left In: -289.132+/-0.226 χ^2 /NDF:4479.0/2

Left: -292.450+/-0.145 χ^2 /NDF: 8612.8/7

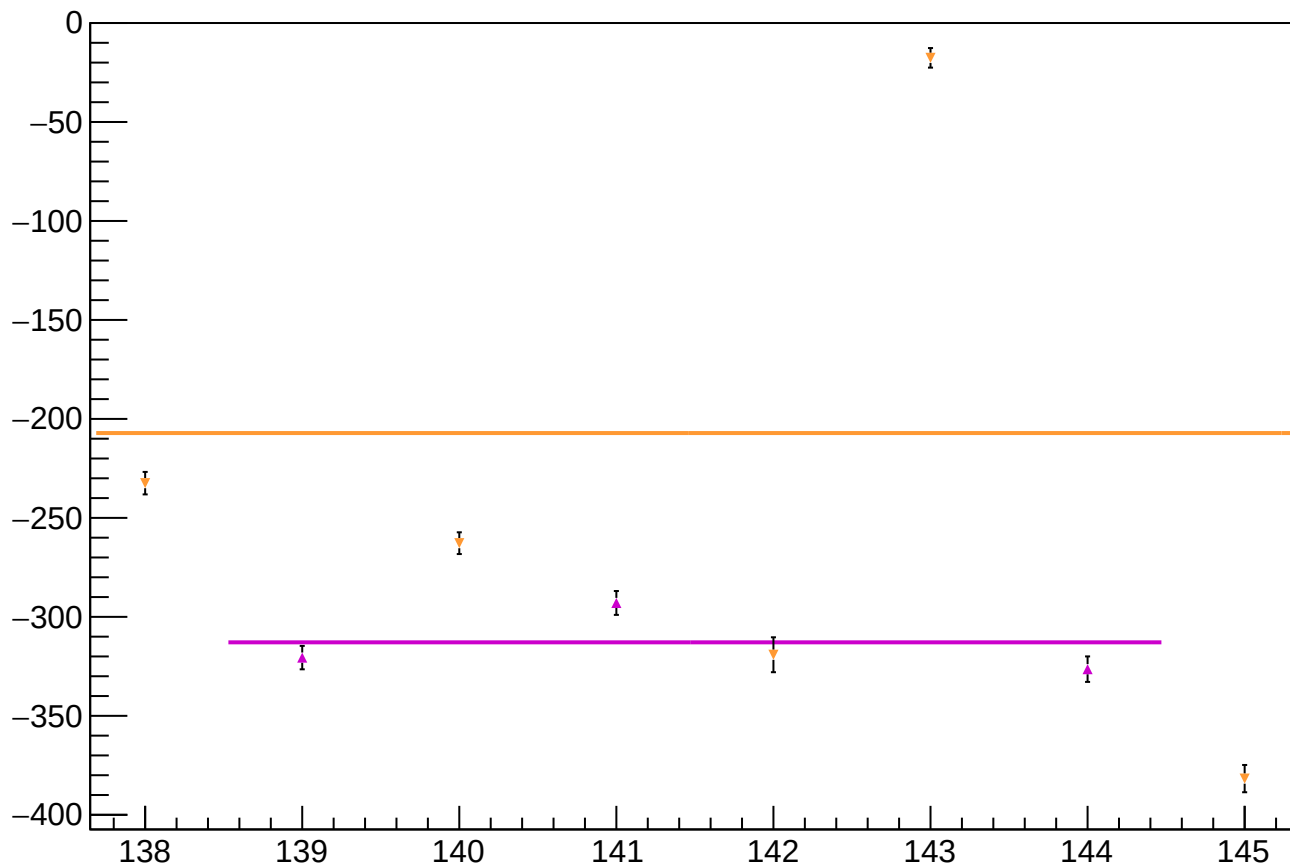
Right: -232.150+/-0.110 χ^2 /NDF: 272709.4/35

In: -255.259+/-0.130 χ^2 /NDF:205450.0/19

Out: -253.075+/-0.118 χ^2 /NDF:185247.2/23

All: -254.060+/-0.088 χ^2 /NDF: 390851.0/43

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -207.142+/-2.683 χ^2/NDF :2394.3/4

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

Left In: -312.869+/-3.531 χ^2/NDF :17.0/2

Left: -245.834+/-2.136 χ^2/NDF : 2979.6/7

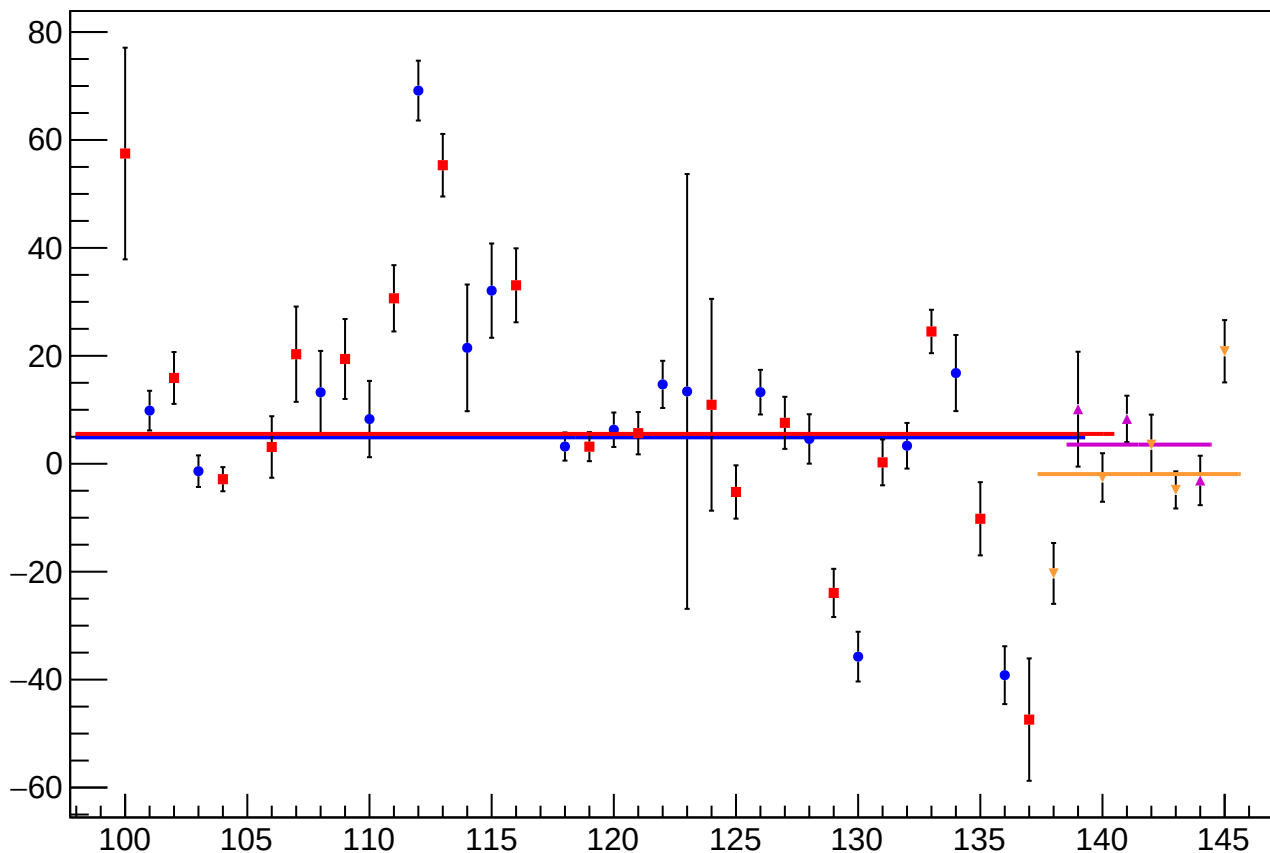
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -312.869+/-3.531 χ^2/NDF :17.0/2

Out: -207.142+/-2.683 χ^2/NDF :2394.3/4

All: -245.834+/-2.136 χ^2/NDF : 2979.6/7

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896 ± 1.089 $\chi^2/\text{NDF}: 312.0/16$

Left Out: -1.912 ± 2.096 $\chi^2/\text{NDF}: 27.9/4$

Right Out: 5.534 ± 1.071 $\chi^2/\text{NDF}: 239.1/18$

Left In: 3.549 ± 3.006 $\chi^2/\text{NDF}: 3.7/2$

Left: -0.126 ± 1.719 $\chi^2/\text{NDF}: 33.8/7$

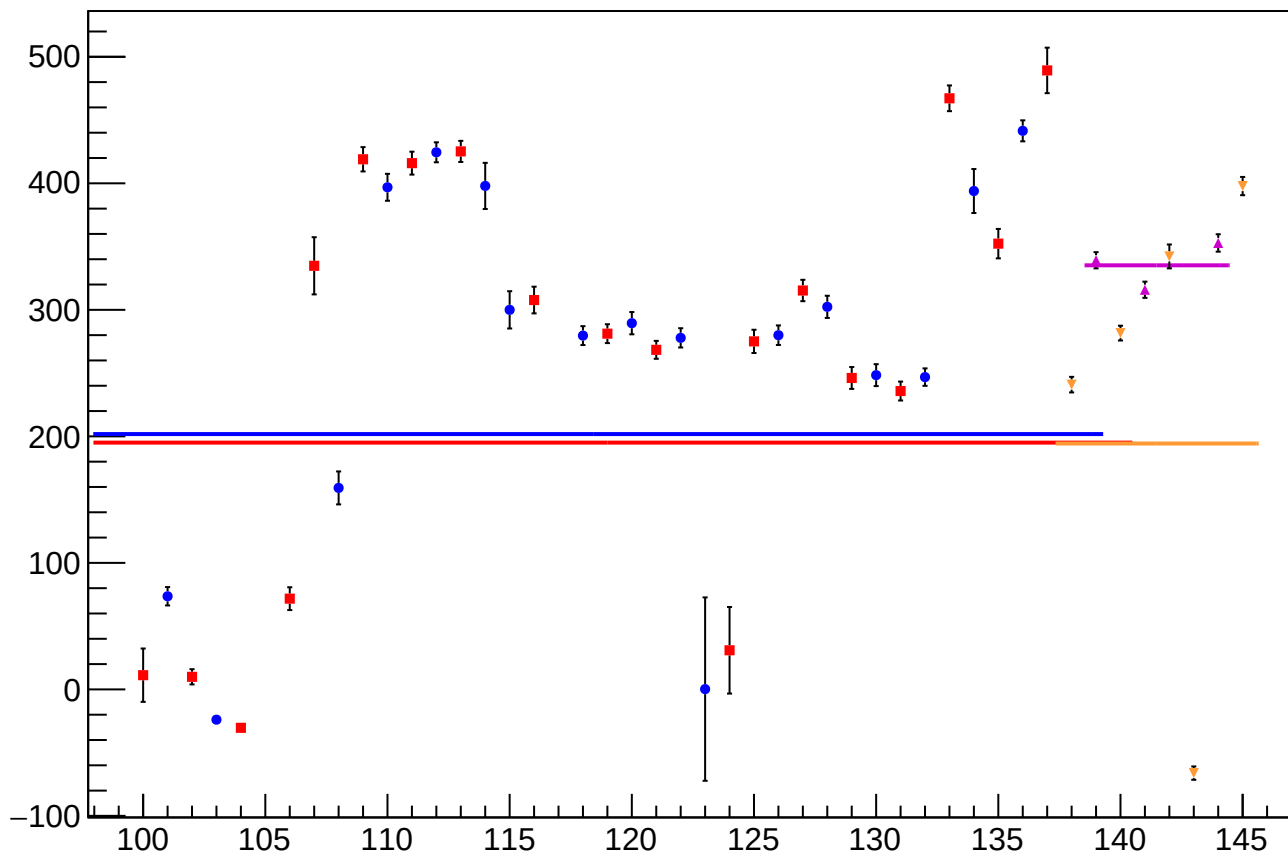
Right: 5.220 ± 0.764 $\chi^2/\text{NDF}: 551.3/35$

In: 4.740 ± 1.024 $\chi^2/\text{NDF}: 315.8/19$

Out: 3.991 ± 0.954 $\chi^2/\text{NDF}: 277.0/23$

All: 4.339 ± 0.698 $\chi^2/\text{NDF}: 593.2/43$

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: 194.346 $\pm$ 2.865 χ^2 /NDF:3753.3/4

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

Left In: 335.189 $\pm$ 3.786 χ^2 /NDF:16.0/2

Left: 245.619 $\pm$ 2.284 χ^2 /NDF: 4649.4/7

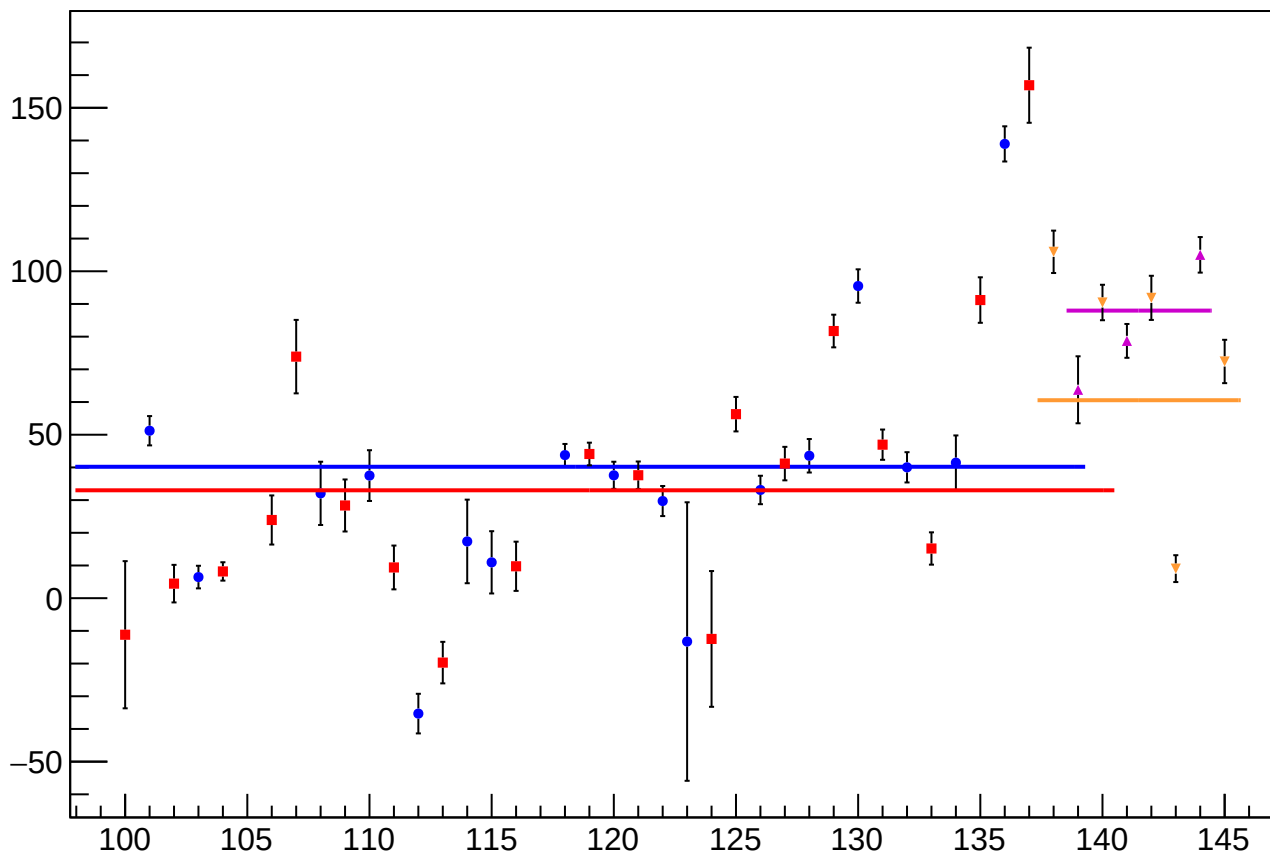
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 230.235 $\pm$ 1.748 χ^2 /NDF:7746.8/19

Out: 194.833 $\pm$ 1.597 χ^2 /NDF:12010.5/23

All: 210.945 $\pm$ 1.179 χ^2 /NDF: 19980.8/43

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: 60.554 $\pm$ 2.487 χ^2 /NDF:261.3/4

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

Left In: 87.967 $\pm$ 3.520 χ^2 /NDF:18.6/2

Left: 69.680 $\pm$ 2.031 χ^2 /NDF: 320.4/7

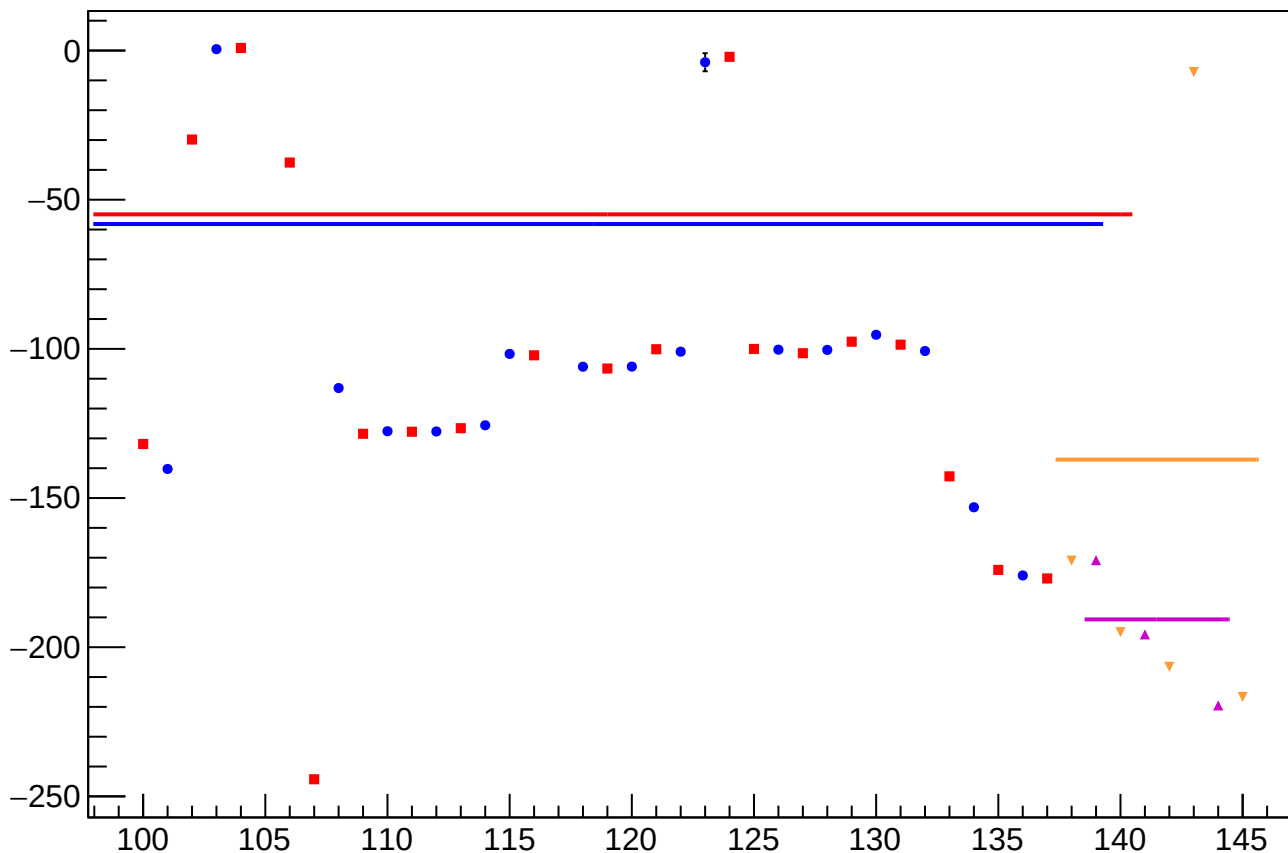
Right: 36.555 $\pm$ 0.891 χ^2 /NDF: 1305.3/35

In: 45.679 $\pm$ 1.193 χ^2 /NDF:916.6/19

Out: 38.575 $\pm$ 1.119 χ^2 /NDF:913.3/23

All: 41.900 $\pm$ 0.816 χ^2 /NDF: 1848.8/43

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155+/-0.062 χ^2/NDF : 1105509.3/16

Left Out: -137.111+/-0.116 χ^2/NDF : 560045.9/4

Right Out: -54.914+/-0.060 χ^2/NDF : 1003885.5/18

Left In: -190.674+/-0.148 χ^2/NDF : 17272.2/2

Left: -157.549+/-0.092 χ^2/NDF : 658020.1/7

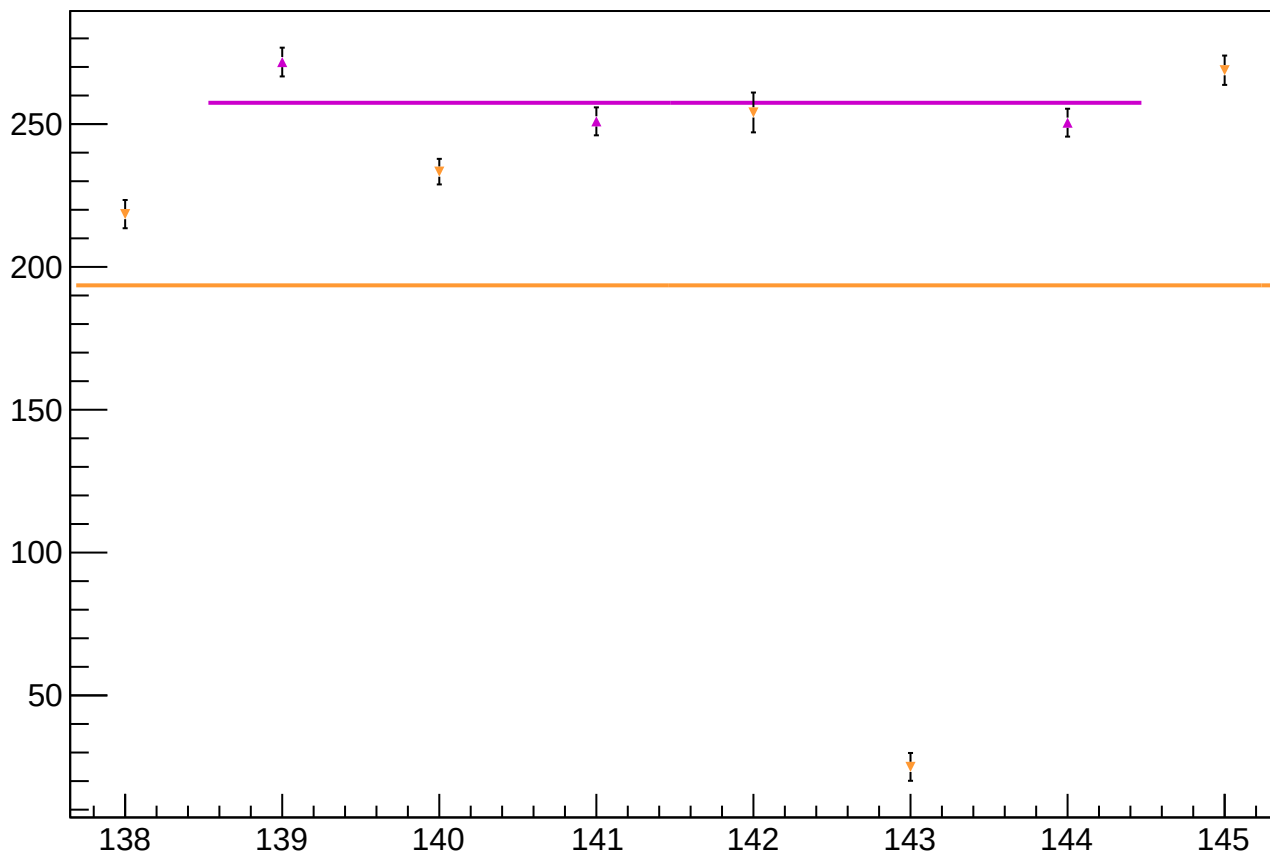
Right: -56.499+/-0.043 χ^2/NDF : 2110811.0/35

In: -77.647+/-0.057 χ^2/NDF : 1804068.3/19

Out: -72.254+/-0.053 χ^2/NDF : 1956944.2/23

All: -74.786+/-0.039 χ^2/NDF : 3765783.7/43

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 193.547+/-2.285 χ^2/NDF :1593.0/4

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

Left In: 257.456+/-2.850 χ^2/NDF :11.8/2

Left: 218.560+/-1.783 χ^2/NDF : 1910.9/7

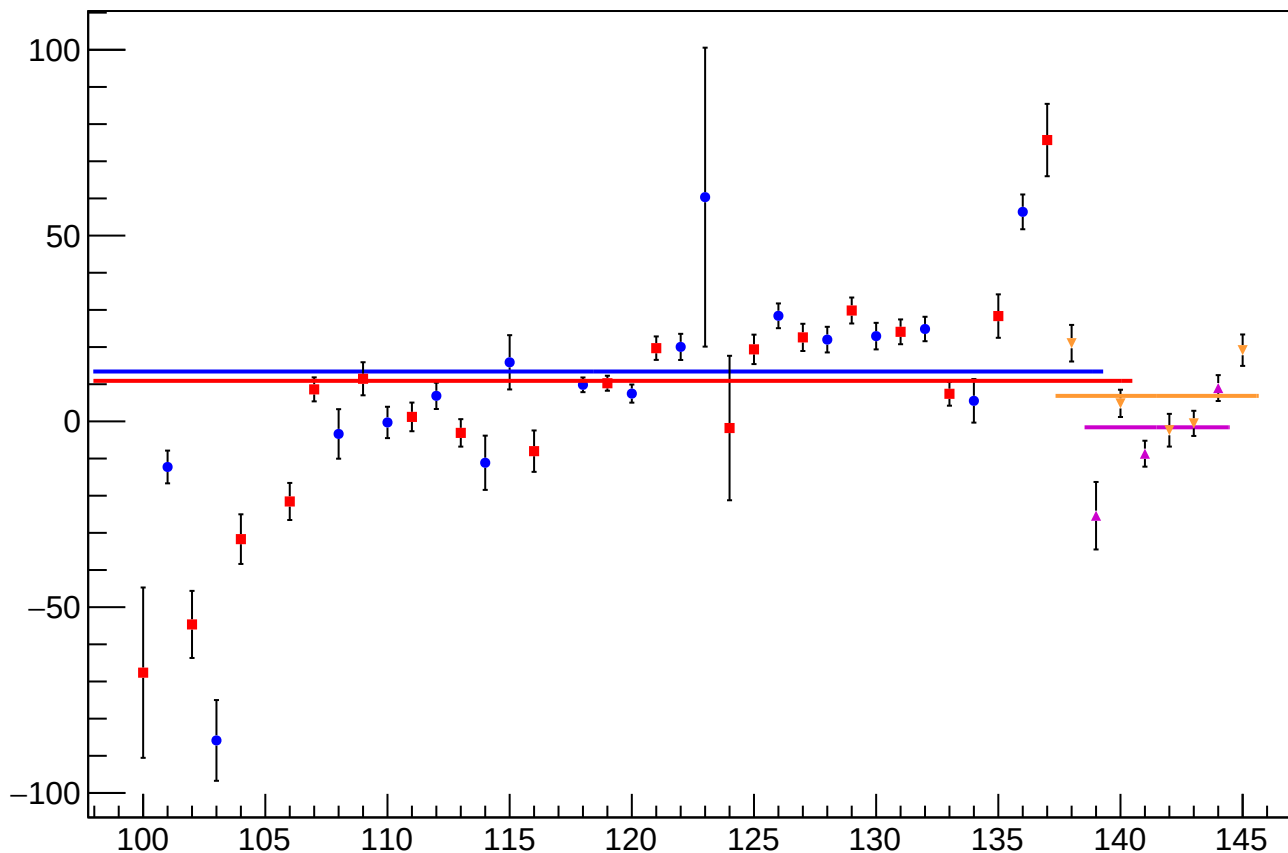
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.456+/-2.850 χ^2/NDF :11.8/2

Out: 193.547+/-2.285 χ^2/NDF :1593.0/4

All: 218.560+/-1.783 χ^2/NDF : 1910.9/7

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423 $\pm$ 0.920 χ^2 /NDF: 295.2/16

Left Out: 6.863 $\pm$ 1.795 χ^2 /NDF:26.2/4

Right Out: 10.908 $\pm$ 0.916 χ^2 /NDF: 302.6/18

Left In: -1.593 $\pm$ 2.379 χ^2 /NDF:20.2/2

Left: 3.795 $\pm$ 1.433 χ^2 /NDF: 54.5/7

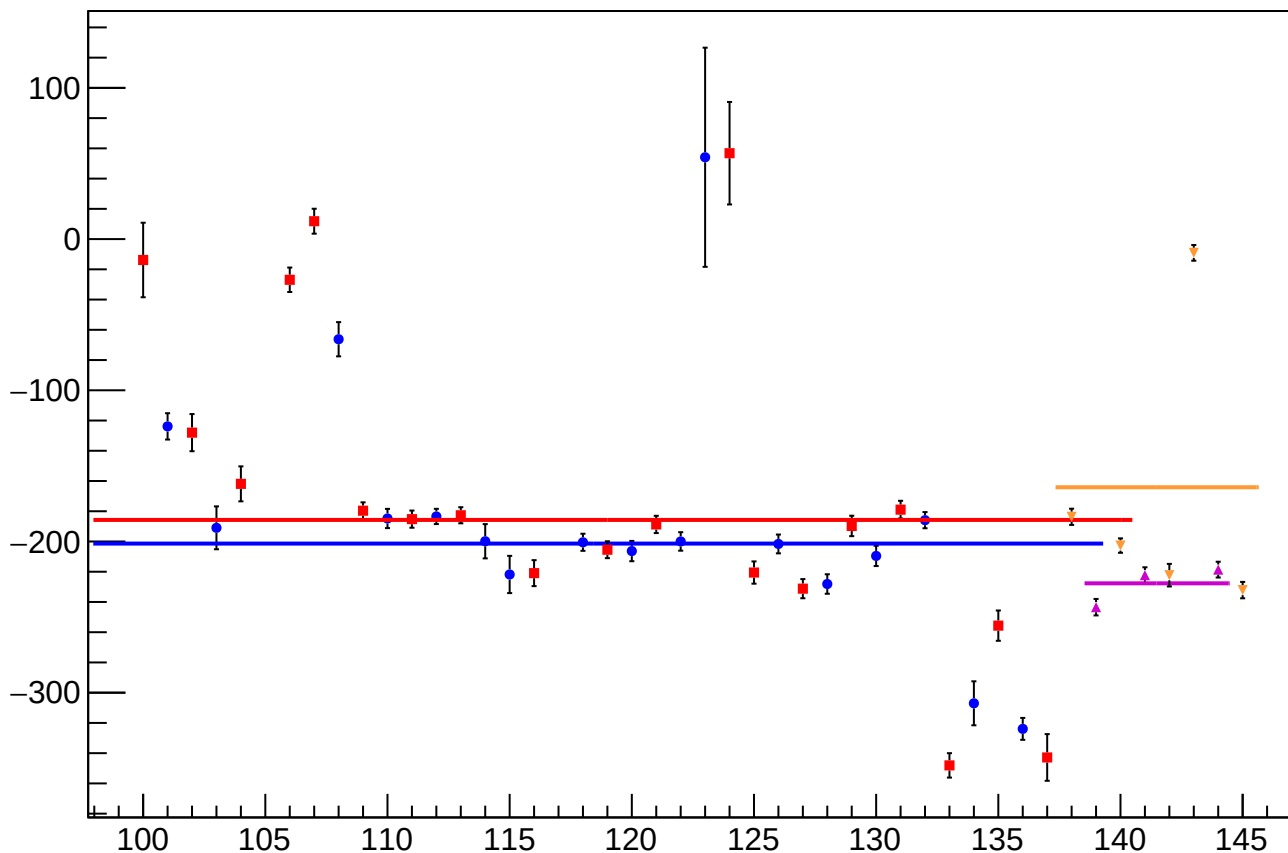
Right: 12.160 $\pm$ 0.649 χ^2 /NDF: 601.6/35

In: 11.471 $\pm$ 0.858 χ^2 /NDF:350.1/19

Out: 10.072 $\pm$ 0.816 χ^2 /NDF:332.9/23

All: 10.737 $\pm$ 0.591 χ^2 /NDF: 684.3/43

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -164.138 ± 2.441 χ^2/NDF : 1185.9/4

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

Left In: -227.669 ± 3.054 χ^2/NDF : 12.5/2

Left: -188.907 ± 1.907 χ^2/NDF : 1462.4/7

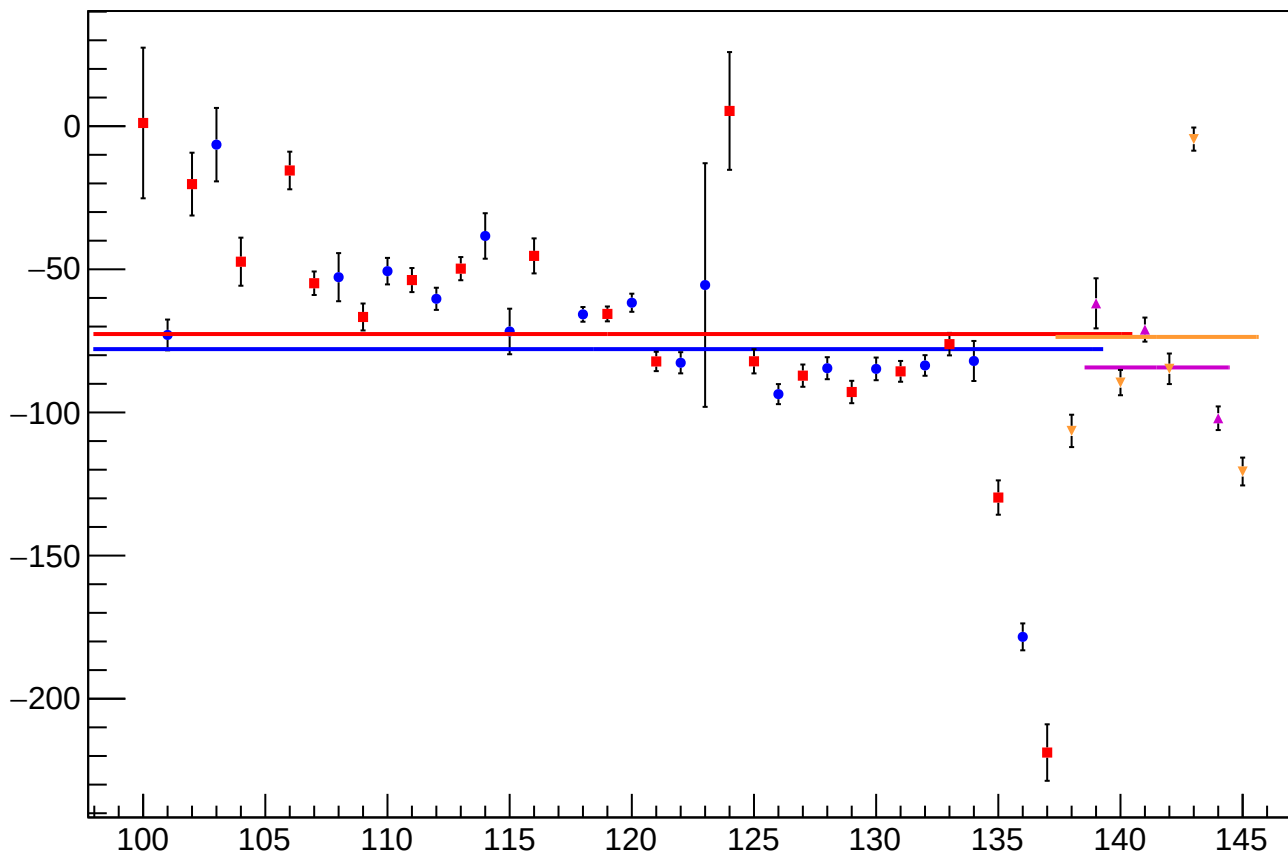
Right: -193.204 ± 1.229 χ^2/NDF : 2413.2/35

In: -208.045 ± 1.538 χ^2/NDF : 691.3/19

Out: -178.685 ± 1.395 χ^2/NDF : 2987.9/23

All: -191.943 ± 1.033 χ^2/NDF : 3879.2/43

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -73.615 ± 2.127 χ^2/NDF : 436.3/4

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

Left In: -84.279 ± 2.791 χ^2/NDF : 34.9/2

Left: -77.534 ± 1.692 χ^2/NDF : 480.5/7

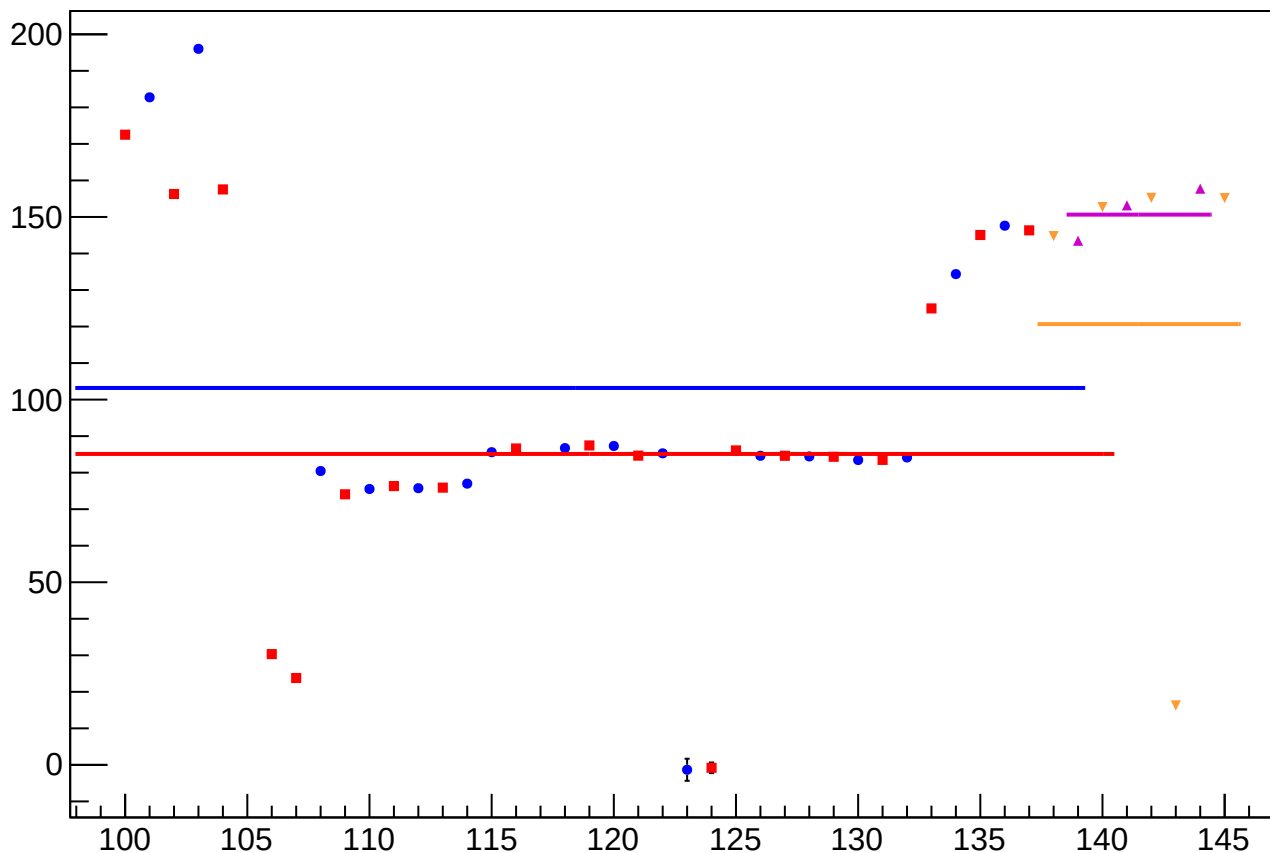
Right: -75.215 ± 0.749 χ^2/NDF : 1277.4/35

In: -78.692 ± 0.996 χ^2/NDF : 697.7/19

Out: -72.809 ± 0.944 χ^2/NDF : 1043.4/23

All: -75.595 ± 0.685 χ^2/NDF : 1759.5/43

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: 120.664 $\pm$ 0.099 χ^2 /NDF:327978.4/4

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

Left In: 150.640 $\pm$ 0.121 χ^2 /NDF:2497.1/2

Left: 132.773 $\pm$ 0.077 χ^2 /NDF: 367296.0/7

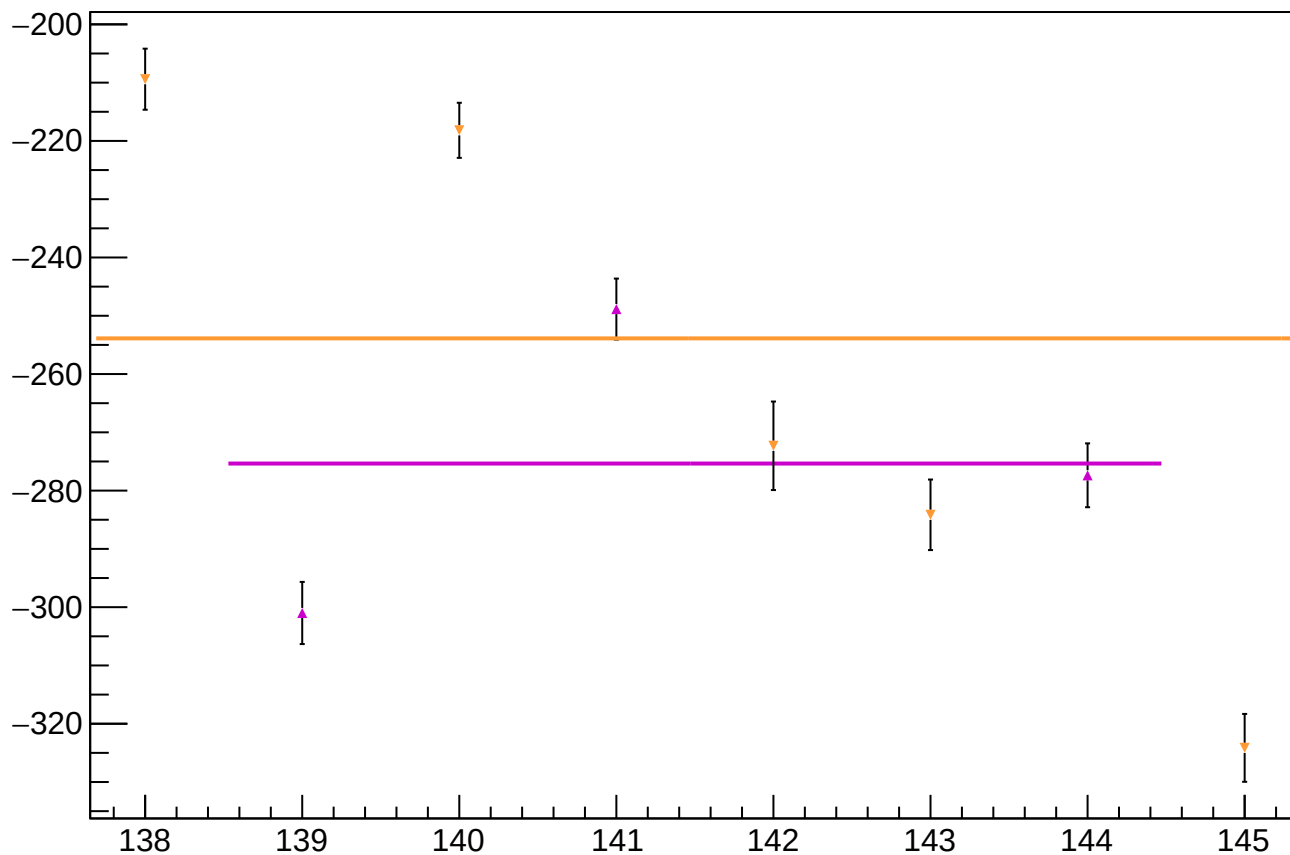
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733347.5/35

In: 115.230 $\pm$ 0.061 χ^2 /NDF:391597.9/19

Out: 95.491 $\pm$ 0.054 χ^2 /NDF:842261.6/23

All: 104.135 $\pm$ 0.040 χ^2 /NDF: 1293187.7/43

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -253.880+/-2.537 χ^2/NDF :305.6/4

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

Left In: -275.355+/-3.086 χ^2/NDF :48.9/2

Left: -262.542+/-1.960 χ^2/NDF : 383.4/7

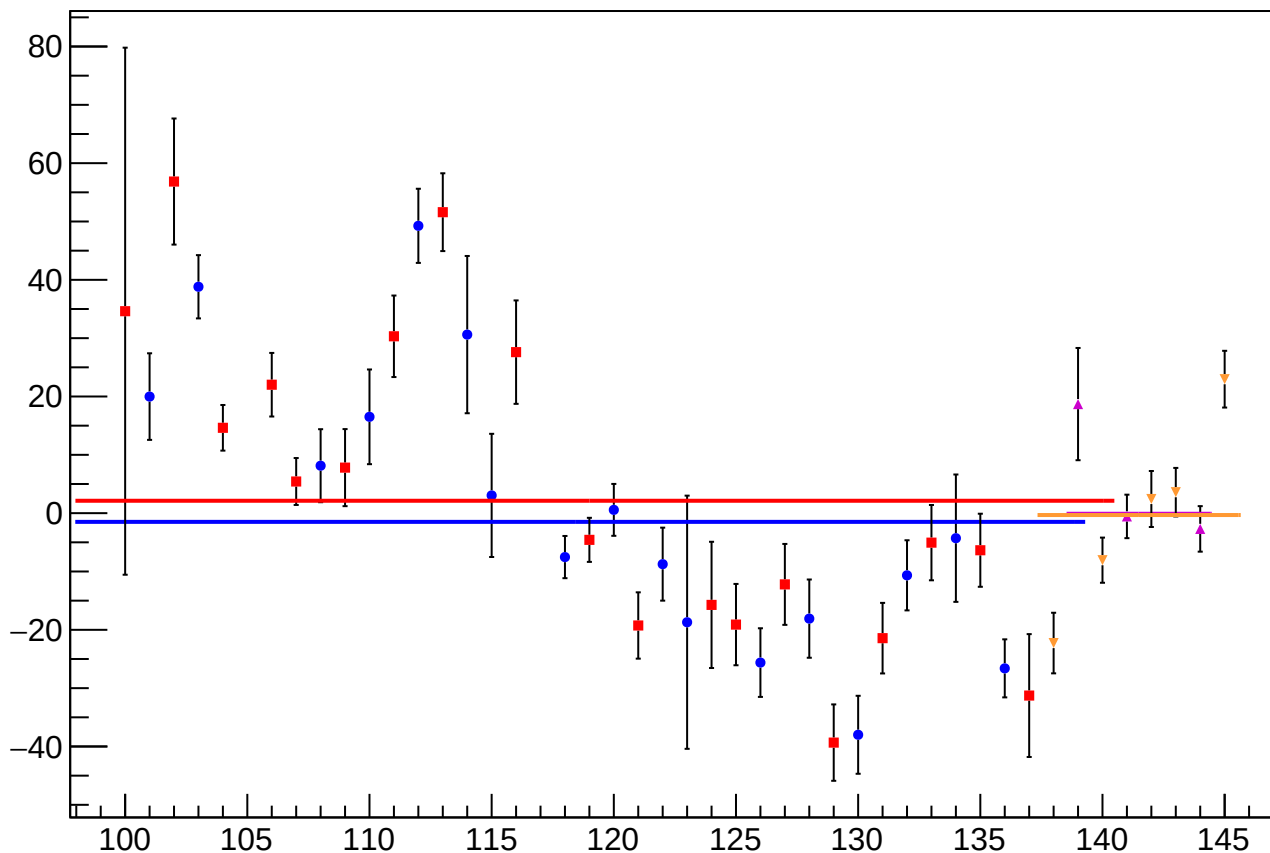
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.355+/-3.086 χ^2/NDF :48.9/2

Out: -253.880+/-2.537 χ^2/NDF :305.6/4

All: -262.542+/-1.960 χ^2/NDF : 383.4/7

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: -0.320 ± 2.011 $\chi^2/\text{NDF}: 46.0/4$

Right Out: 2.127 ± 1.402 $\chi^2/\text{NDF}: 232.6/18$

Left In: -0.104 ± 2.596 $\chi^2/\text{NDF}: 4.3/2$

Left: -0.239 ± 1.590 $\chi^2/\text{NDF}: 50.3/7$

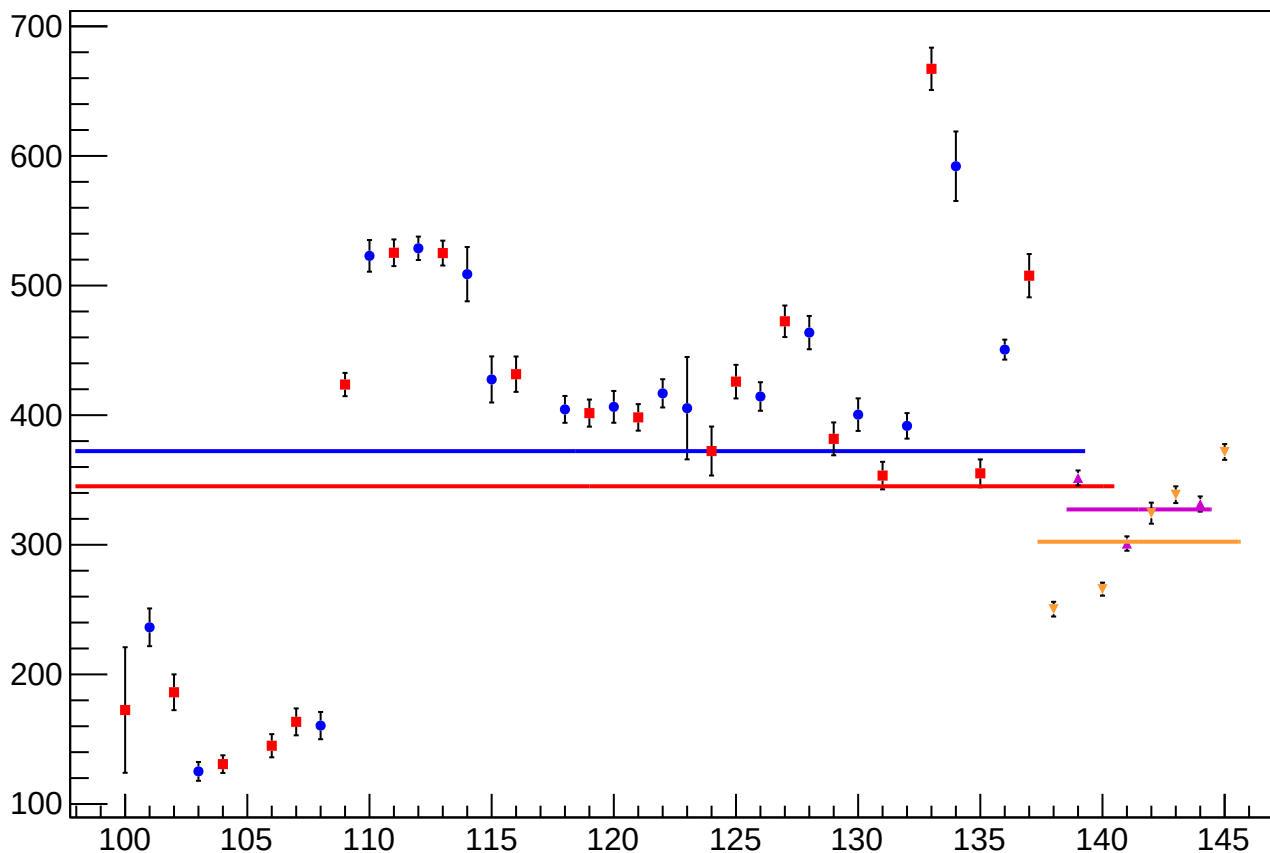
Right: 0.455 ± 1.029 $\chi^2/\text{NDF}: 461.8/35$

In: -1.140 ± 1.307 $\chi^2/\text{NDF}: 230.6/19$

Out: 1.326 ± 1.150 $\chi^2/\text{NDF}: 279.6/23$

All: 0.250 ± 0.864 $\chi^2/\text{NDF}: 512.2/43$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263+/-2.759 χ^2/NDF : 2433.1/16

Left Out: 302.358+/-2.708 χ^2/NDF : 304.3/4

Right Out: 345.135+/-2.562 χ^2/NDF : 3416.5/18

Left In: 327.271+/-3.307 χ^2/NDF : 40.6/2

Left: 312.356+/-2.095 χ^2/NDF : 378.9/7

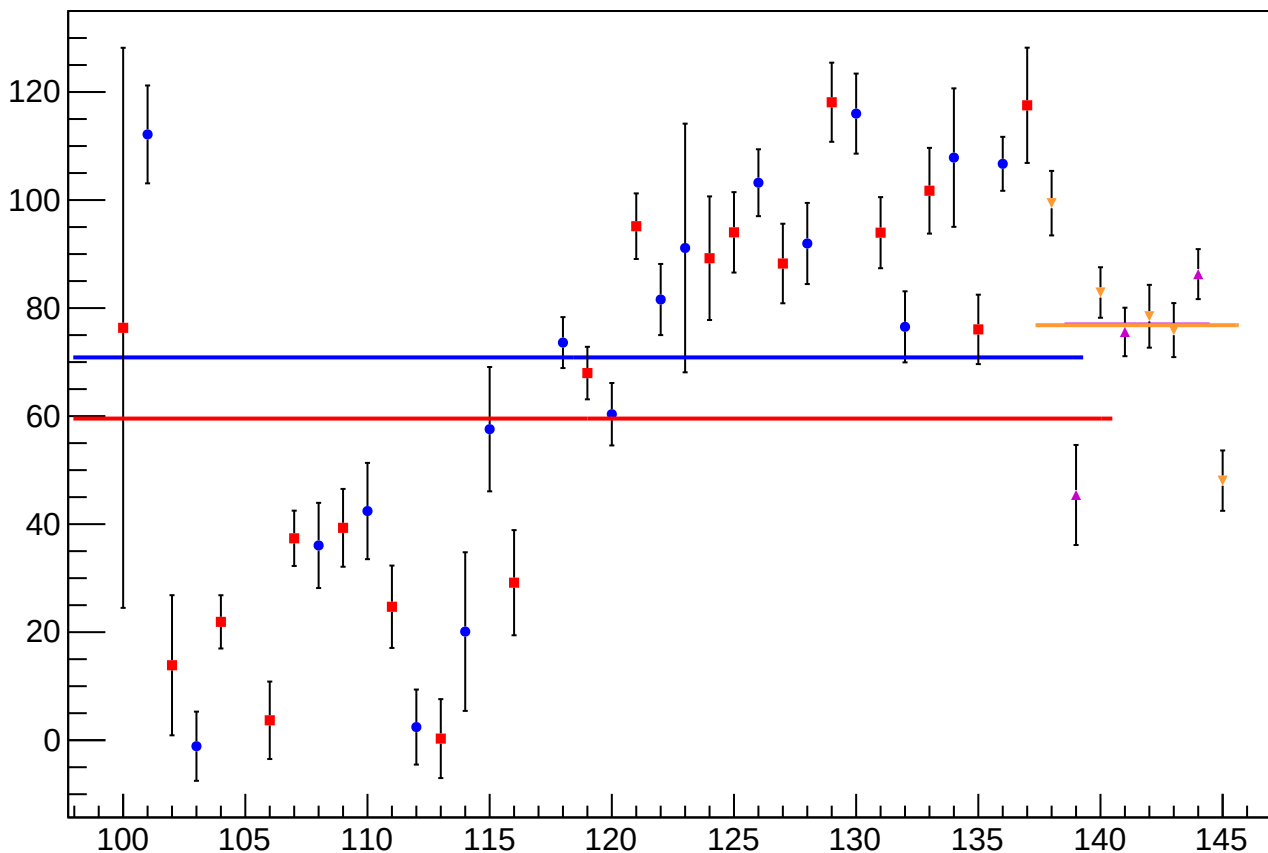
Right: 357.695+/-1.878 χ^2/NDF : 5901.5/35

In: 353.795+/-2.119 χ^2/NDF : 2582.9/19

Out: 324.926+/-1.861 χ^2/NDF : 3852.4/23

All: 337.499+/-1.398 χ^2/NDF : 6540.1/43

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: 76.836 $\pm$ 2.388 χ^2 /NDF:42.6/4

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

Left In: 76.951 $\pm$ 3.043 χ^2 /NDF:15.8/2

Left: 76.880 $\pm$ 1.879 χ^2 /NDF: 58.4/7

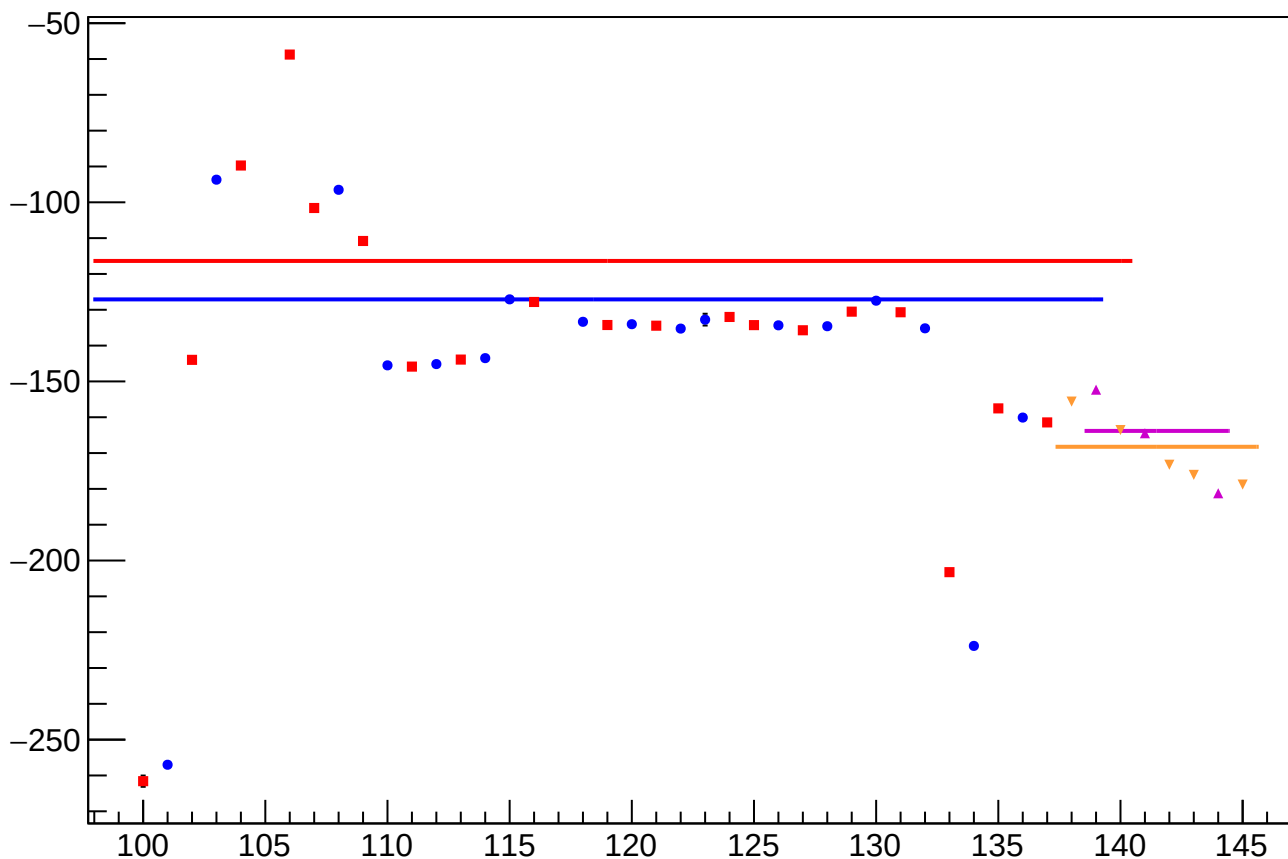
Right: 64.838 $\pm$ 1.192 χ^2 /NDF: 940.3/35

In: 72.369 $\pm$ 1.512 χ^2 /NDF:445.7/19

Out: 65.056 $\pm$ 1.348 χ^2 /NDF:569.2/23

All: 68.294 $\pm$ 1.006 χ^2 /NDF: 1028.0/43

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -168.246+/-0.111 χ^2/NDF : 6637.7/4

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

Left In: -163.816+/-0.130 χ^2/NDF : 7814.2/2

Left: -166.388+/-0.084 χ^2/NDF : 15124.4/7

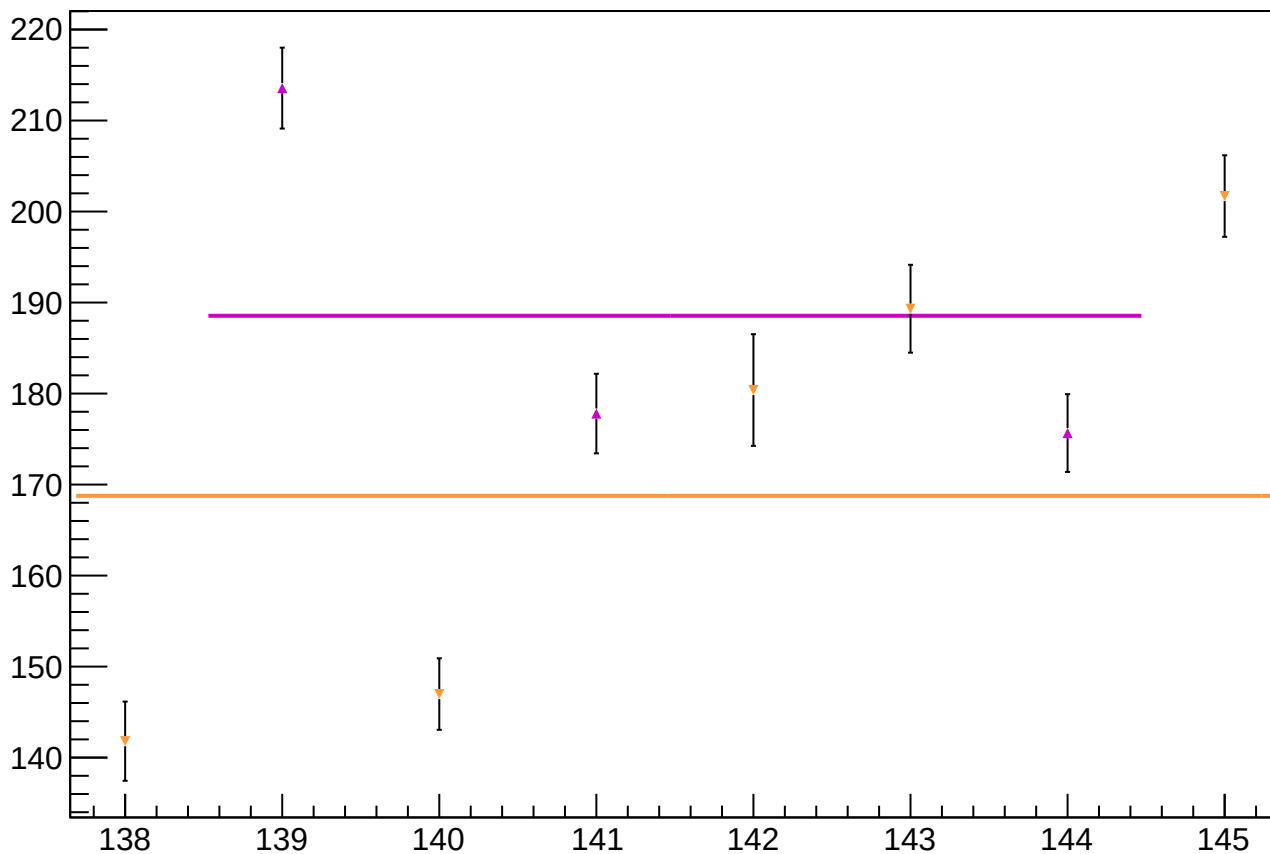
Right: -121.332+/-0.061 χ^2/NDF : 342408.2/35

In: -138.877+/-0.074 χ^2/NDF : 228911.3/19

Out: -135.023+/-0.066 χ^2/NDF : 314969.3/23

All: -136.748+/-0.049 χ^2/NDF : 545390.1/43

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 168.763+/-2.055 χ^2/NDF :144.9/4

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

Left In: 188.547+/-2.518 χ^2/NDF :46.8/2

Left: 176.669+/-1.592 χ^2/NDF : 228.8/7

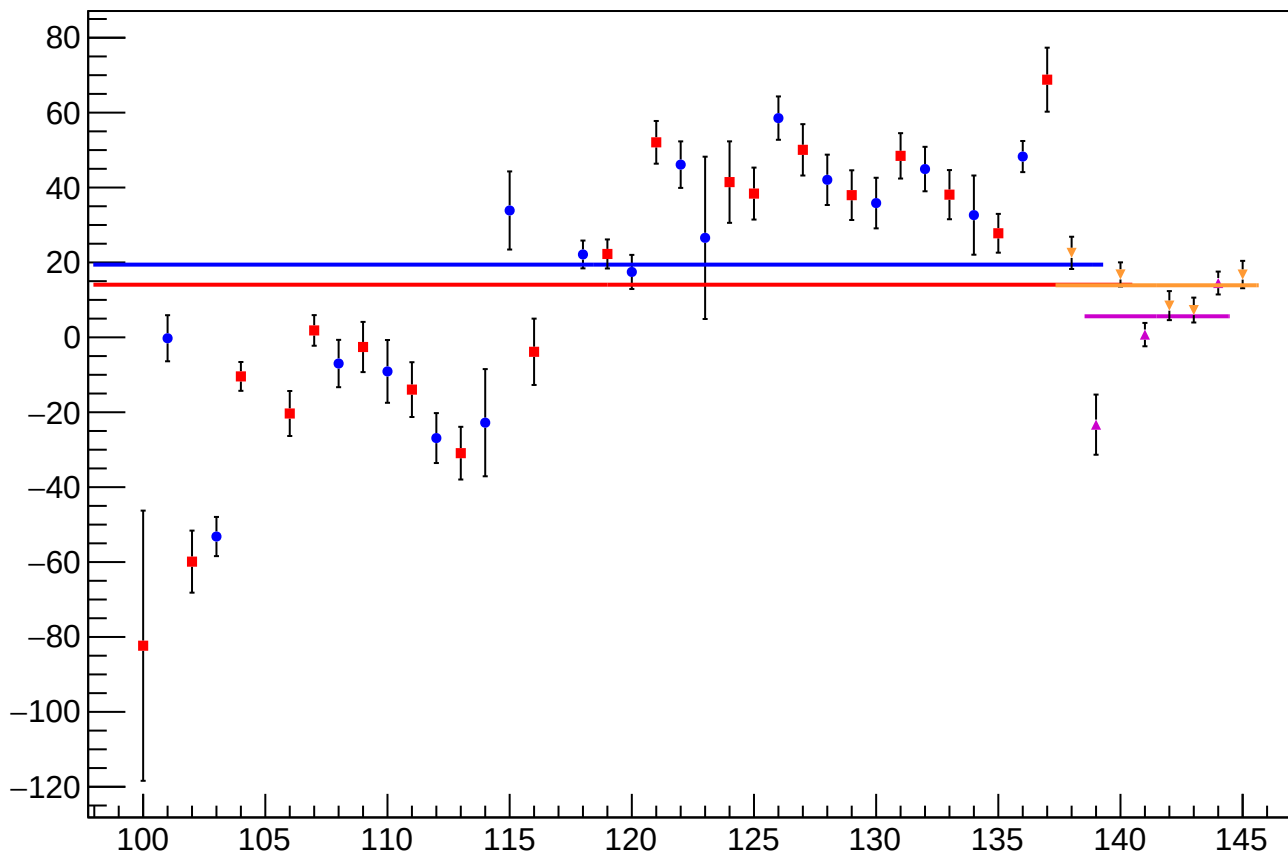
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 188.547+/-2.518 χ^2/NDF :46.8/2

Out: 168.763+/-2.055 χ^2/NDF :144.9/4

All: 176.669+/-1.592 χ^2/NDF : 228.8/7

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416+/-1.480 χ^2/NDF : 441.1/16

Left Out: 13.901+/-1.617 χ^2/NDF : 11.4/4

Right Out: 14.055+/-1.392 χ^2/NDF : 436.5/18

Left In: 5.622+/-2.106 χ^2/NDF : 23.9/2

Left: 10.830+/-1.283 χ^2/NDF : 45.0/7

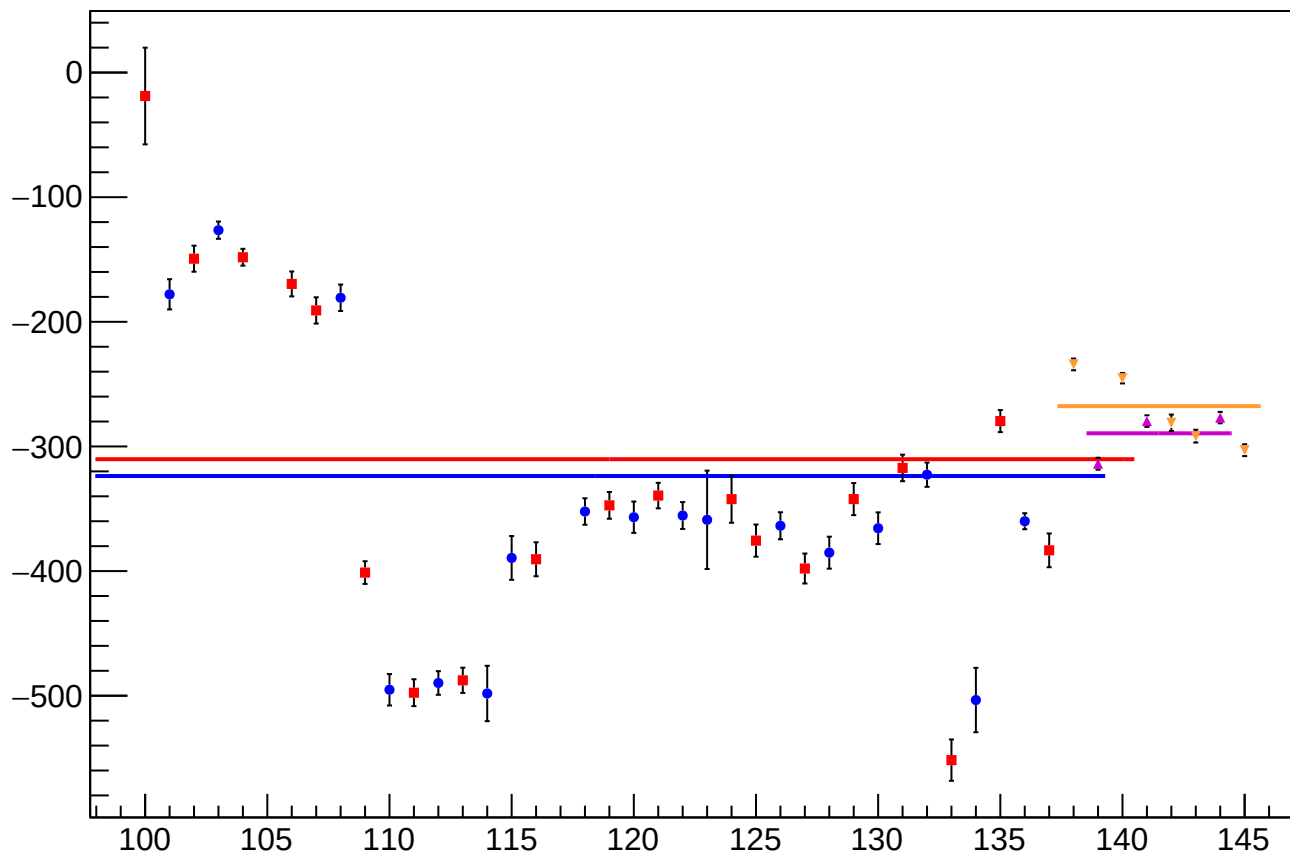
Right: 16.572+/-1.014 χ^2/NDF : 884.6/35

In: 14.856+/-1.211 χ^2/NDF : 493.7/19

Out: 13.990+/-1.055 χ^2/NDF : 447.9/23

All: 14.364+/-0.795 χ^2/NDF : 941.9/43

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.721+/-2.668 χ^2/NDF : 1850.8/16

Left Out: -267.663+/-2.196 χ^2/NDF : 160.5/4

Right Out: -310.223+/-2.523 χ^2/NDF : 2300.0/18

Left In: -289.453+/-2.699 χ^2/NDF : 37.7/2

Left: -276.344+/-1.704 χ^2/NDF : 237.5/7

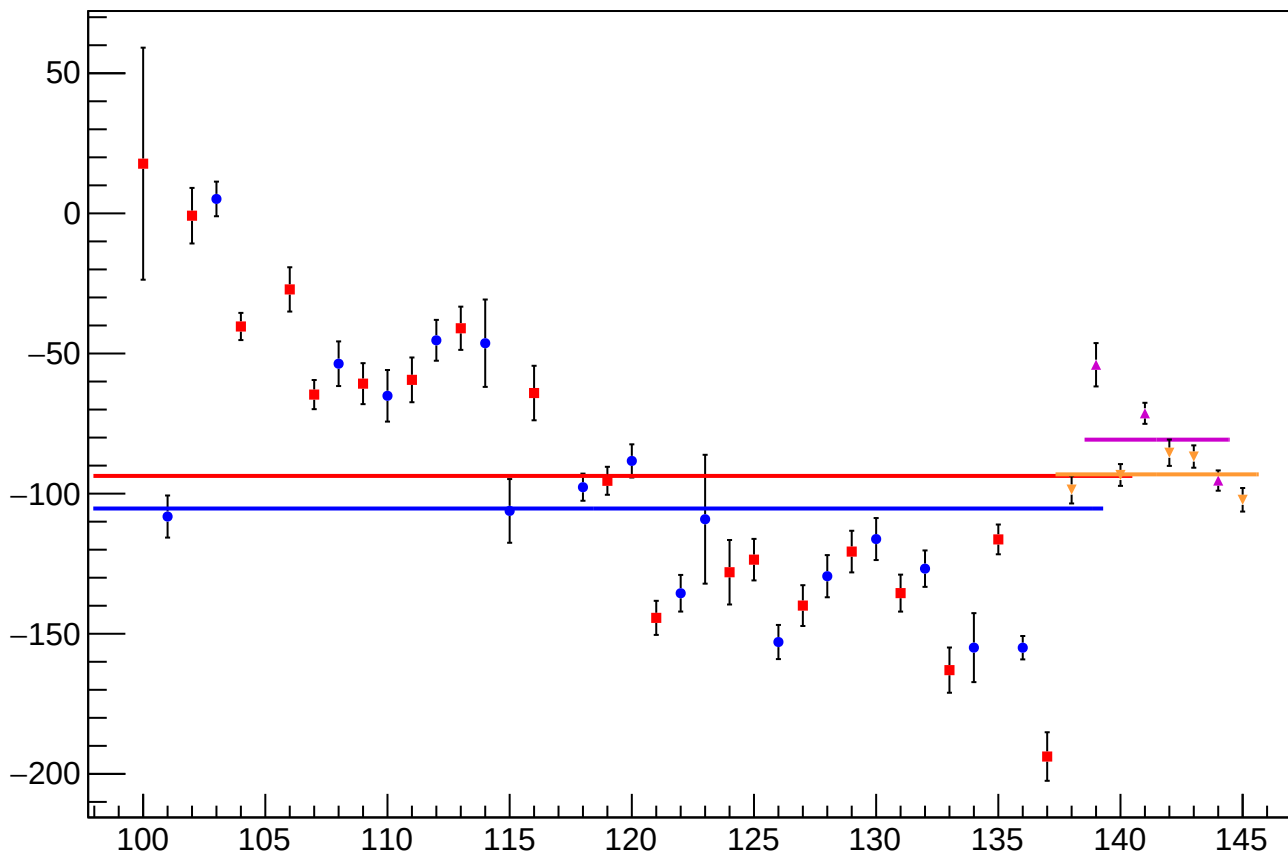
Right: -316.595+/-1.833 χ^2/NDF : 4164.2/35

In: -306.785+/-1.897 χ^2/NDF : 1970.0/19

Out: -286.013+/-1.657 χ^2/NDF : 2622.4/23

All: -294.997+/-1.248 χ^2/NDF : 4660.4/43

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -93.125 ± 1.919 χ^2/NDF : 11.1/4

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

Left In: -80.740 ± 2.469 χ^2/NDF : 34.5/2

Left: -88.461 ± 1.515 χ^2/NDF : 61.3/7

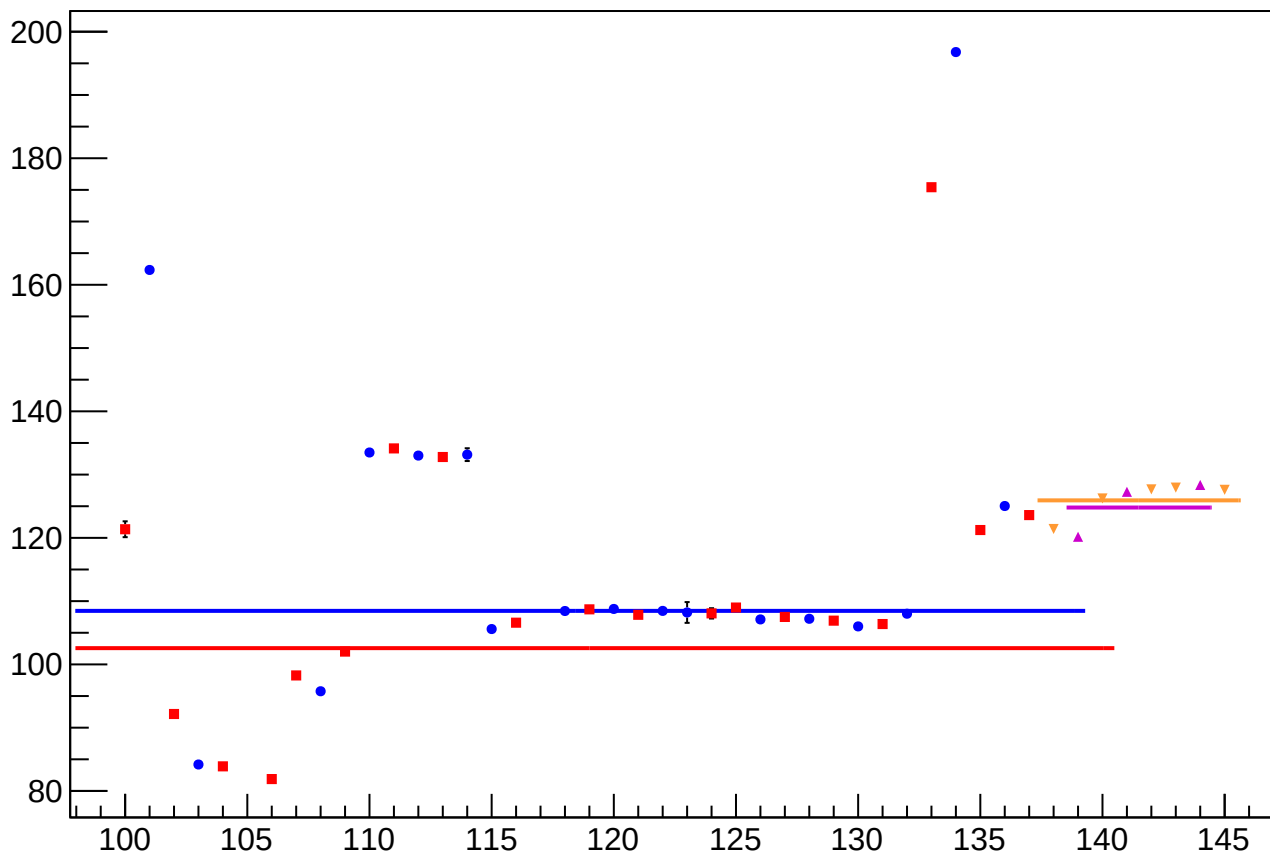
Right: -99.207 ± 1.167 χ^2/NDF : 1588.8/35

In: -97.448 ± 1.396 χ^2/NDF : 839.3/19

Out: -93.450 ± 1.234 χ^2/NDF : 837.7/23

All: -95.203 ± 0.925 χ^2/NDF : 1681.6/43

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461 +/- 0.085 χ^2/NDF : 73302.1/16

Left Out: 125.927 +/- 0.090 χ^2/NDF : 804.1/4

Right Out: 102.570 +/- 0.079 χ^2/NDF : 53143.8/18

Left In: 124.794 +/- 0.107 χ^2/NDF : 1232.6/2

Left: 125.459 +/- 0.069 χ^2/NDF : 2102.8/7

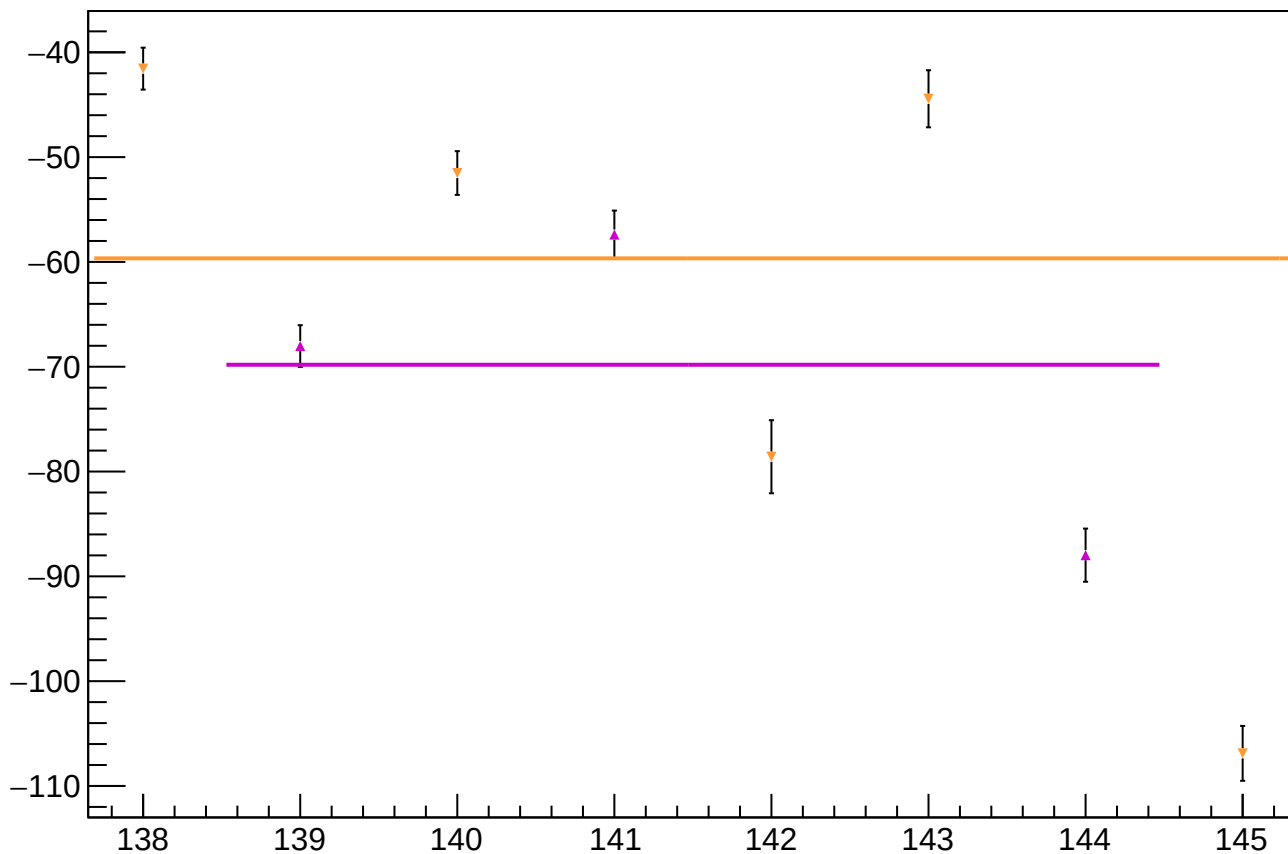
Right: 105.327 +/- 0.058 χ^2/NDF : 129018.0/35

In: 114.780 +/- 0.066 χ^2/NDF : 88916.0/19

Out: 112.861 +/- 0.059 χ^2/NDF : 92017.7/23

All: 113.715 +/- 0.044 χ^2/NDF : 181398.1/43

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -59.659+/-1.090 χ^2/NDF :483.0/4

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

Left In: -69.811+/-1.292 χ^2/NDF :81.7/2

Left: -63.879+/-0.833 χ^2/NDF : 600.7/7

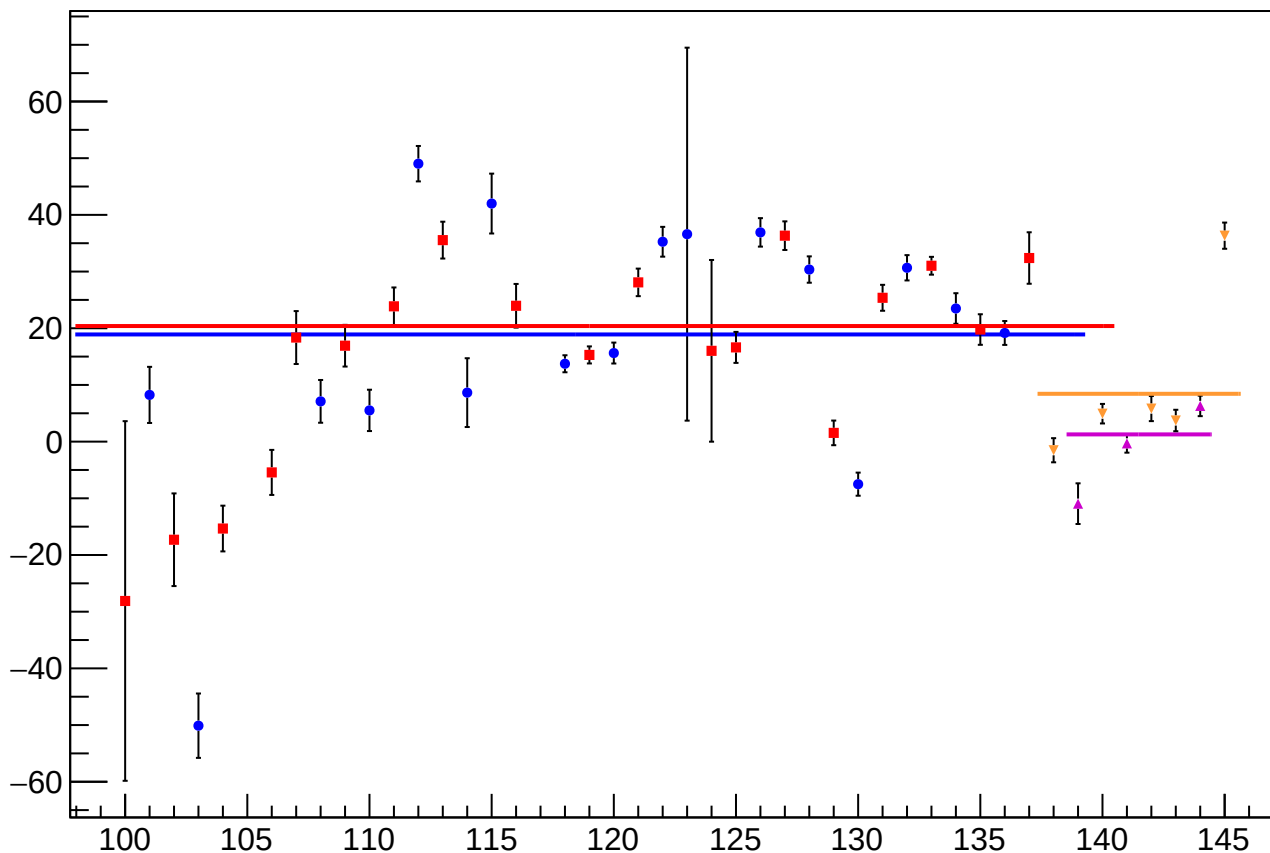
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.811+/-1.292 χ^2/NDF :81.7/2

Out: -59.659+/-1.090 χ^2/NDF :483.0/4

All: -63.879+/-0.833 χ^2/NDF : 600.7/7

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 8.436 ± 0.902 χ^2/NDF : 179.3/4

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

Left In: 1.275 ± 1.149 χ^2/NDF : 20.3/2

Left: 5.706 ± 0.710 χ^2/NDF : 223.6/7

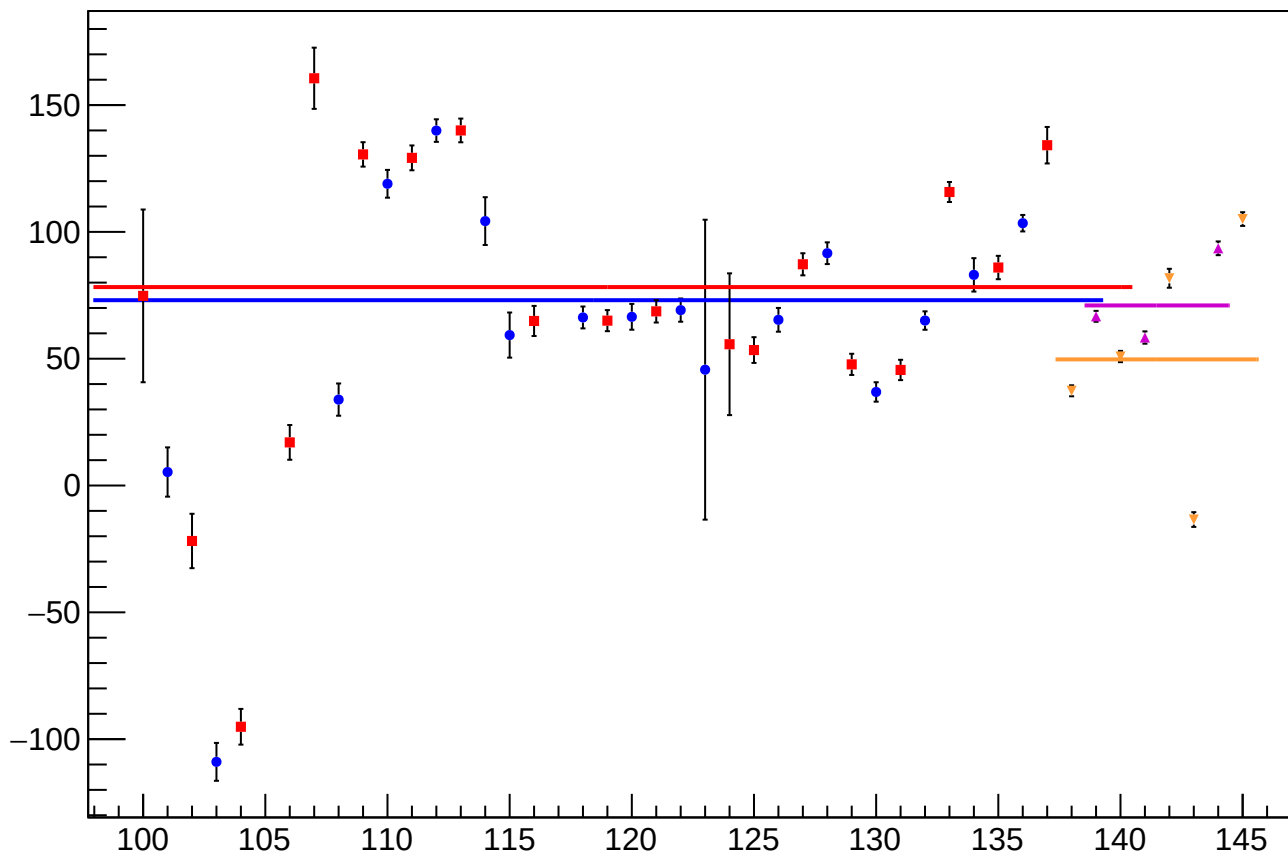
Right: 19.648 ± 0.455 χ^2/NDF : 986.9/35

In: 14.699 ± 0.562 χ^2/NDF : 818.4/19

Out: 16.357 ± 0.524 χ^2/NDF : 660.9/23

All: 15.585 ± 0.383 χ^2/NDF : 1483.9/43

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 49.732 $\pm$ 1.161 χ^2 /NDF:996.6/4

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

Left In: 71.003 $\pm$ 1.386 χ^2 /NDF:100.1/2

Left: 58.505 $\pm$ 0.890 χ^2 /NDF: 1235.1/7

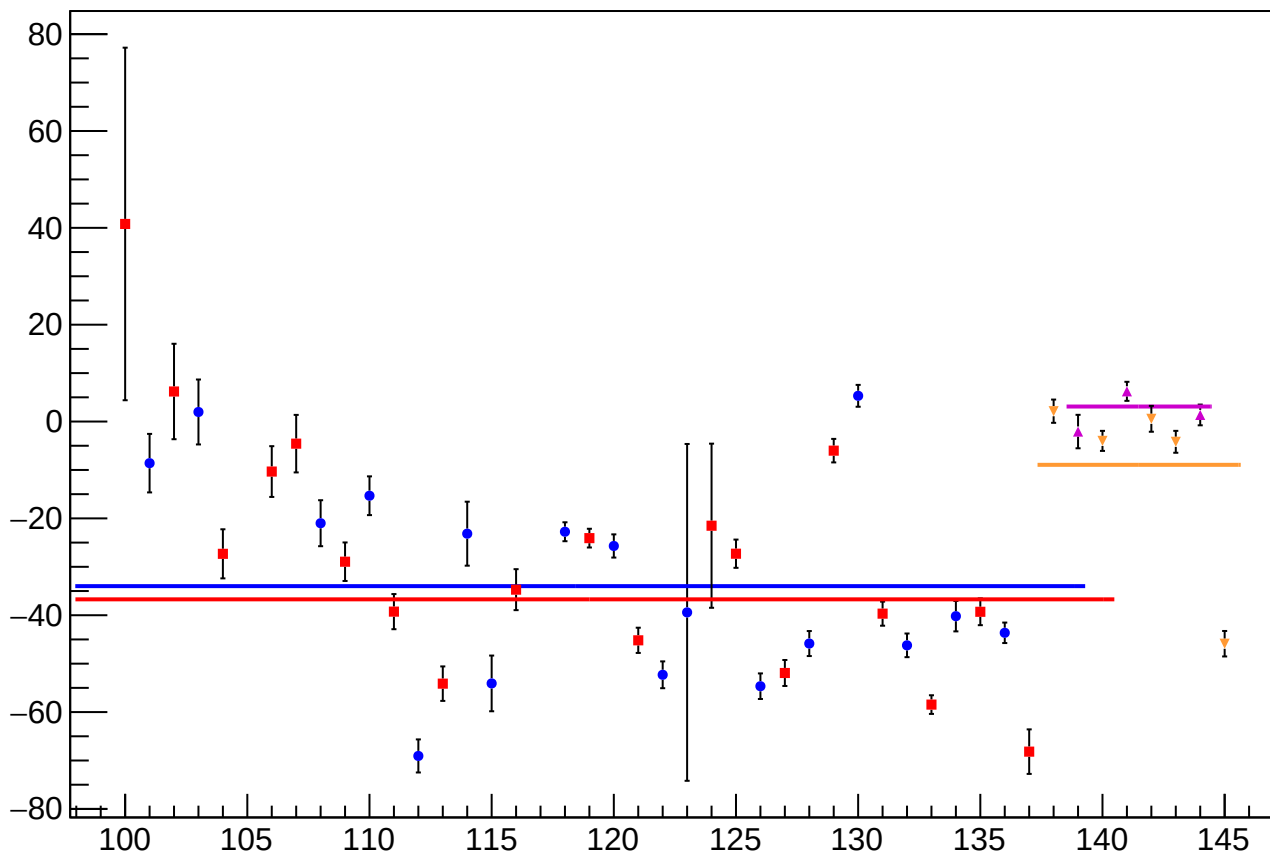
Right: 75.667 $\pm$ 0.866 χ^2 /NDF: 2751.5/35

In: 72.162 $\pm$ 0.919 χ^2 /NDF:1301.4/19

Out: 63.254 $\pm$ 0.842 χ^2 /NDF:2825.2/23

All: 67.318 $\pm$ 0.621 χ^2 /NDF: 4177.6/43

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -8.941 ± 1.062 χ^2/NDF : 241.2/4

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

Left In: 3.100 ± 1.335 χ^2/NDF : 5.4/2

Left: -4.277 ± 0.831 χ^2/NDF : 296.5/7

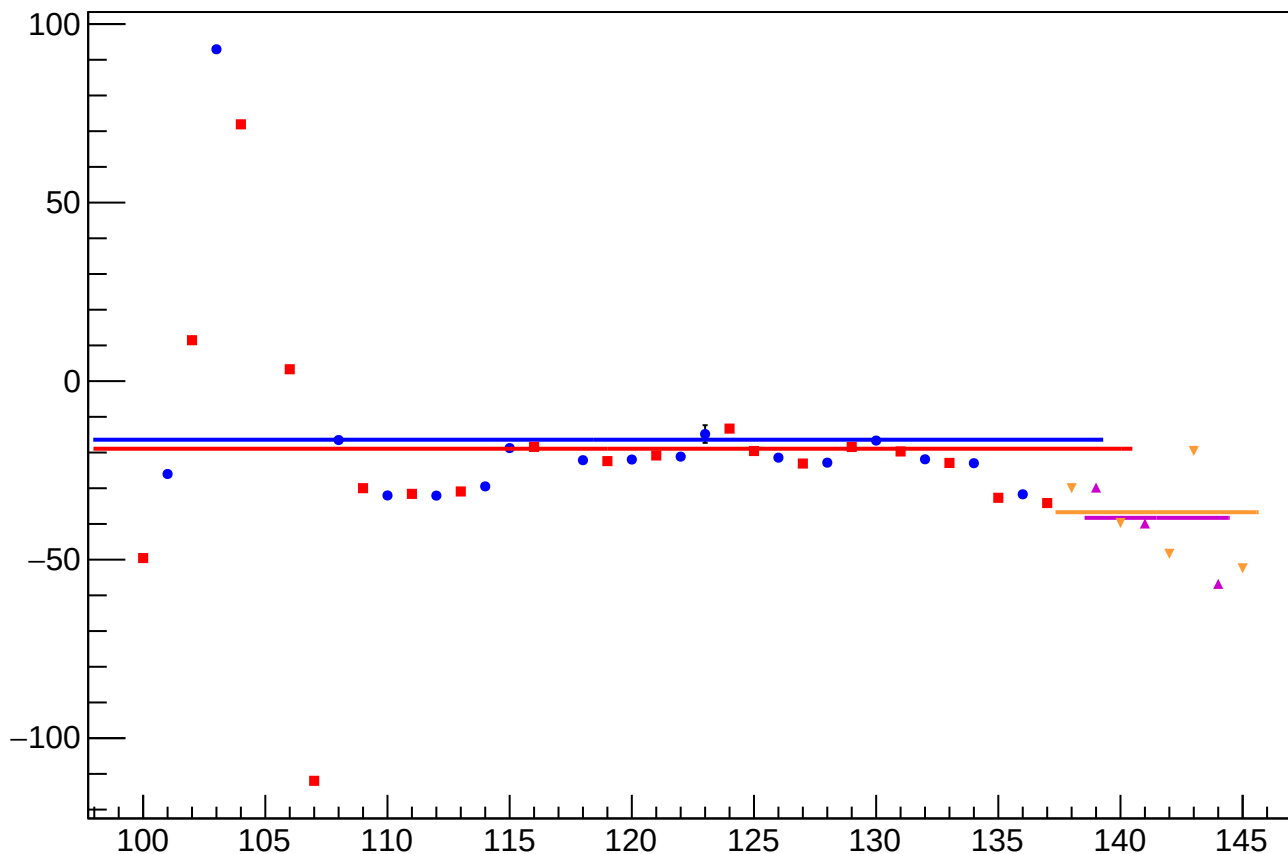
Right: -35.354 ± 0.521 χ^2/NDF : 1269.6/35

In: -25.345 ± 0.645 χ^2/NDF : 1316.8/19

Out: -27.691 ± 0.605 χ^2/NDF : 1246.1/23

All: -26.592 ± 0.441 χ^2/NDF : 2570.0/43

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: -36.716 ± 0.047 $\chi^2/\text{NDF}: 56603.7/4$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

Left In: -38.285 ± 0.054 $\chi^2/\text{NDF}: 36906.7/2$

Left: -37.399 ± 0.035 $\chi^2/\text{NDF}: 93995.5/7$

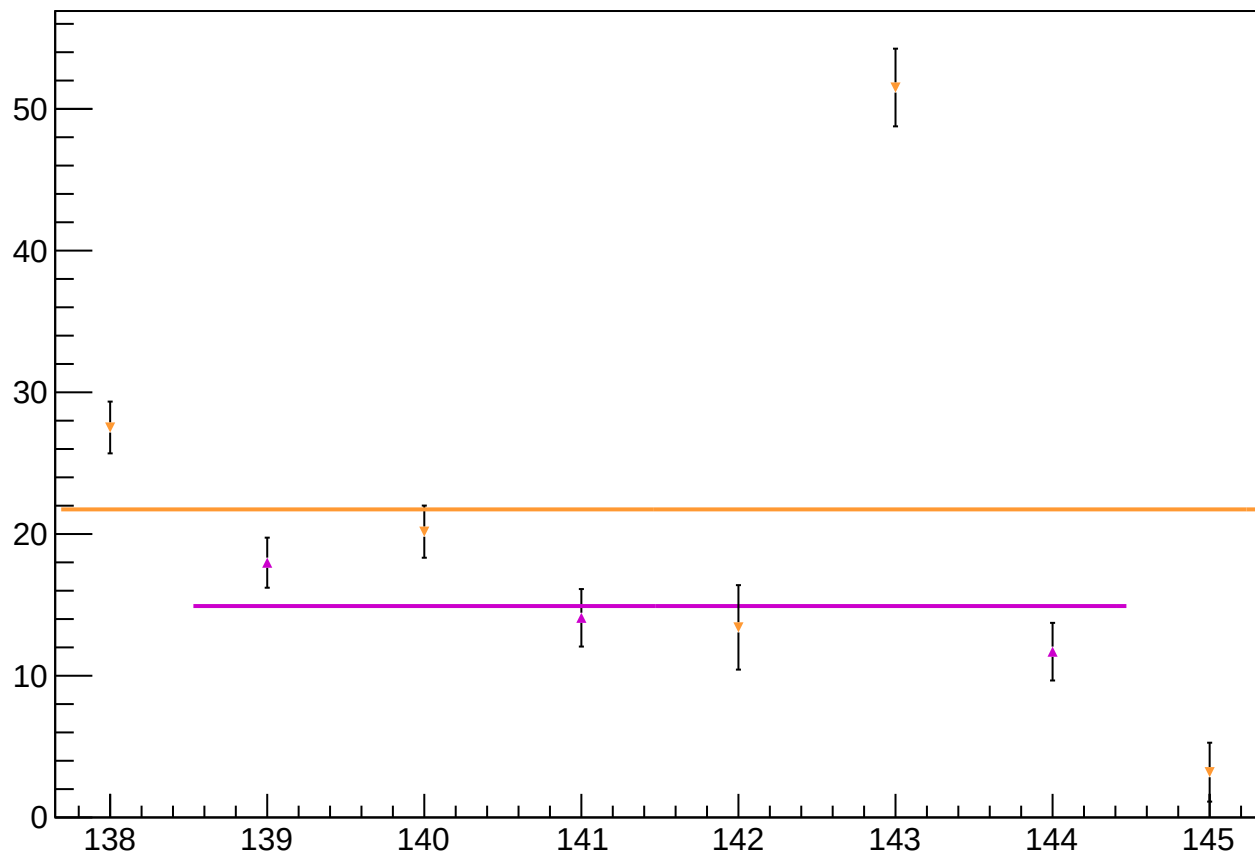
Right: -17.648 ± 0.032 $\chi^2/\text{NDF}: 910108.0/35$

In: -25.321 ± 0.034 $\chi^2/\text{NDF}: 610101.5/19$

Out: -27.482 ± 0.033 $\chi^2/\text{NDF}: 565023.1/23$

All: -26.453 ± 0.024 $\chi^2/\text{NDF}: 1177216.5/43$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 21.739+/-0.966 χ^2/NDF :216.1/4

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

Left In: 14.918+/-1.114 χ^2/NDF :5.7/2

Left: 18.813+/-0.730 χ^2/NDF : 243.1/7

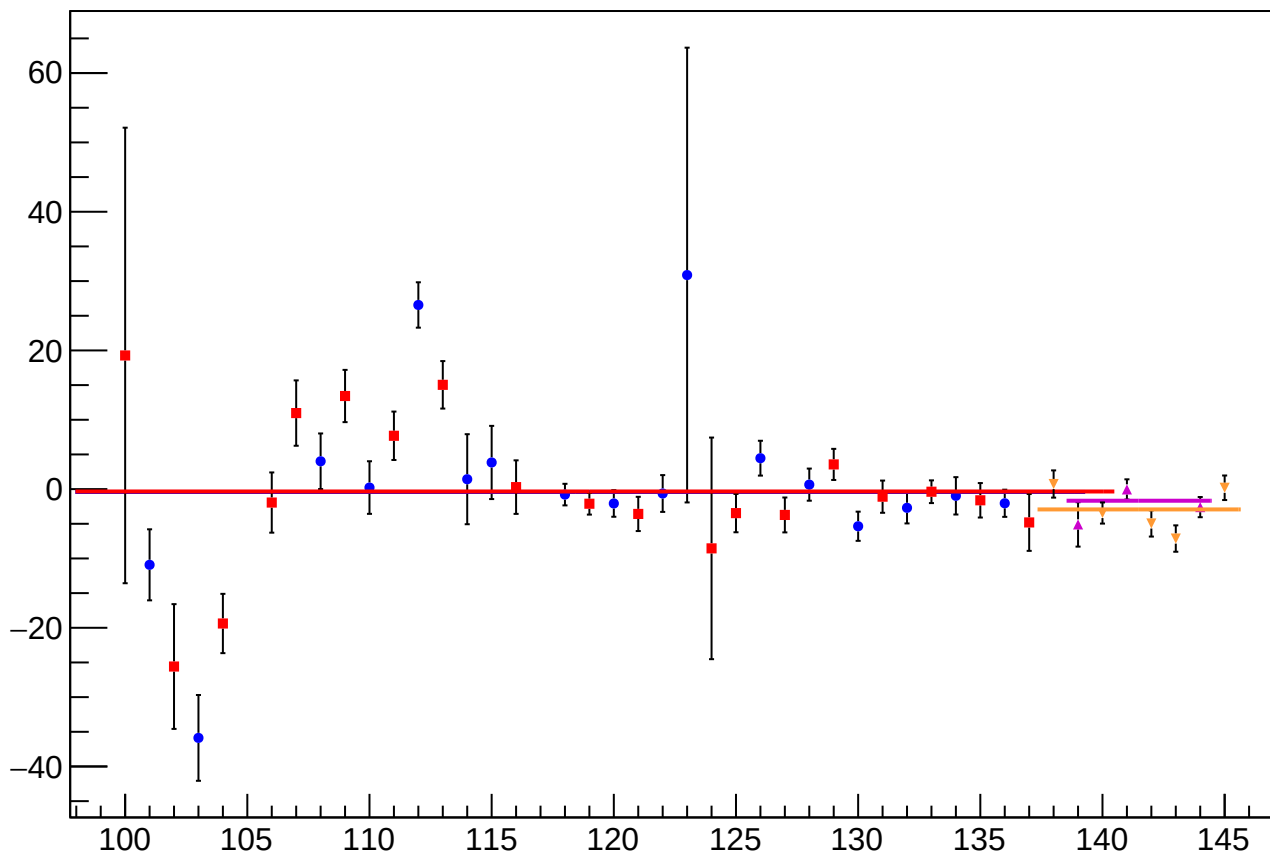
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.918+/-1.114 χ^2/NDF :5.7/2

Out: 21.739+/-0.966 χ^2/NDF :216.1/4

All: 18.813+/-0.730 χ^2/NDF : 243.1/7

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -2.930 ± 0.799 χ^2/NDF : 12.7/4

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

Left In: -1.675 ± 0.980 χ^2/NDF : 2.8/2

Left: -2.429 ± 0.620 χ^2/NDF : 16.5/7

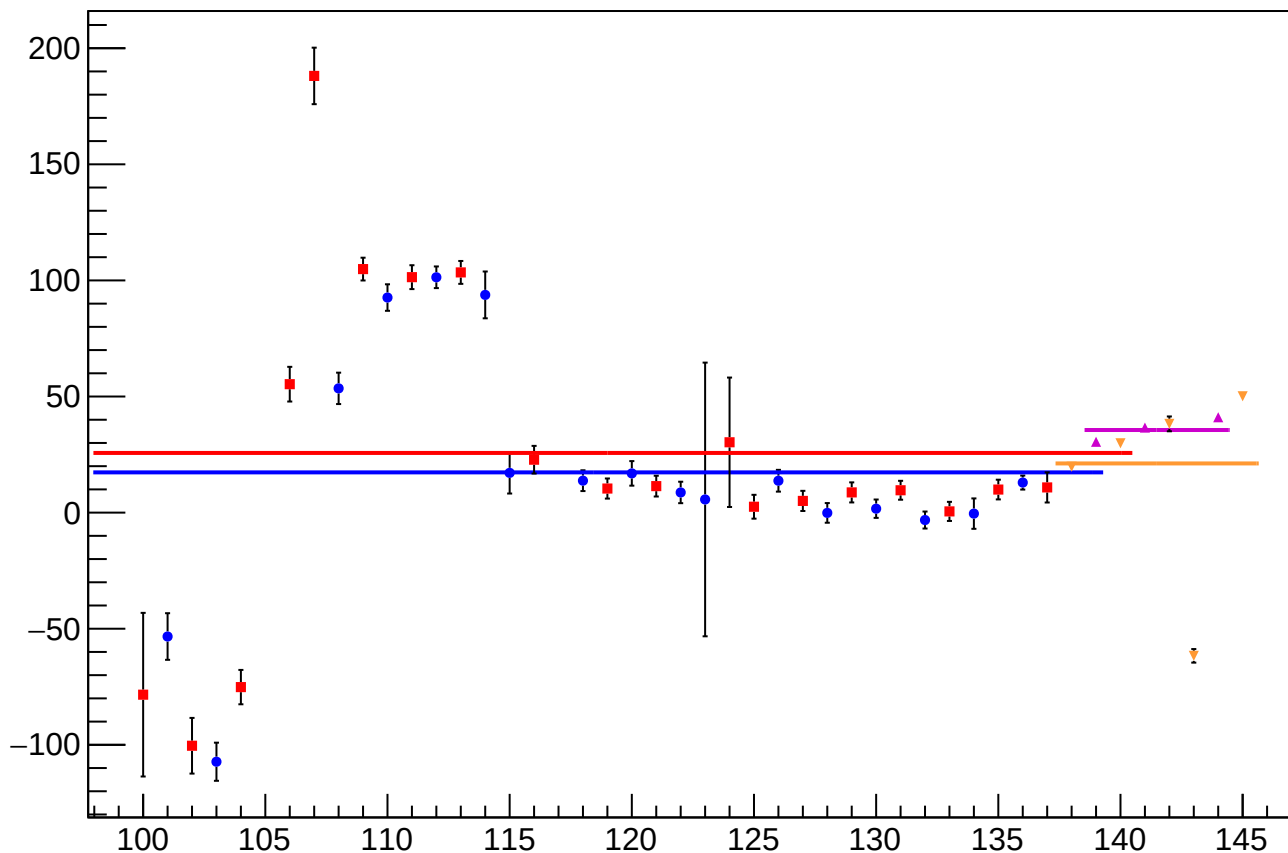
Right: -0.378 ± 0.463 χ^2/NDF : 203.7/35

In: -0.802 ± 0.544 χ^2/NDF : 123.9/19

Out: -1.386 ± 0.508 χ^2/NDF : 102.7/23

All: -1.114 ± 0.371 χ^2/NDF : 227.2/43

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 21.180+/-1.031 χ^2/NDF : 1026.8/4

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

Left In: 35.577+/-1.195 χ^2/NDF : 13.6/2

Left: 27.321+/-0.781 χ^2/NDF : 1123.6/7

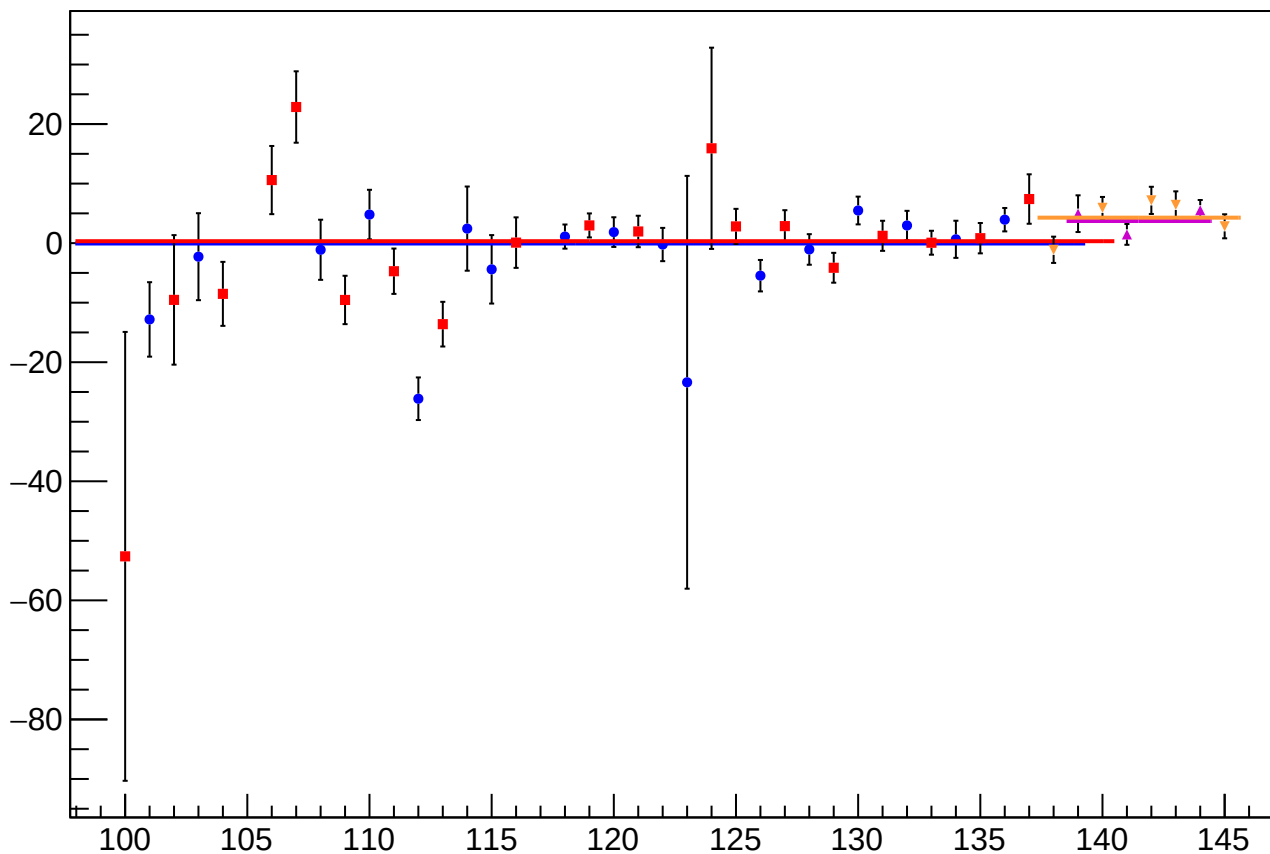
Right: 21.501+/-0.877 χ^2/NDF : 2345.0/35

In: 26.777+/-0.860 χ^2/NDF : 1069.2/19

Out: 23.023+/-0.793 χ^2/NDF : 2413.7/23

All: 24.749+/-0.583 χ^2/NDF : 3493.2/43

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 4.280 ± 0.939 χ^2/NDF : 9.8/4

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

Left In: 3.717 ± 1.139 χ^2/NDF : 2.9/2

Left: 4.053 ± 0.724 χ^2/NDF : 12.9/7

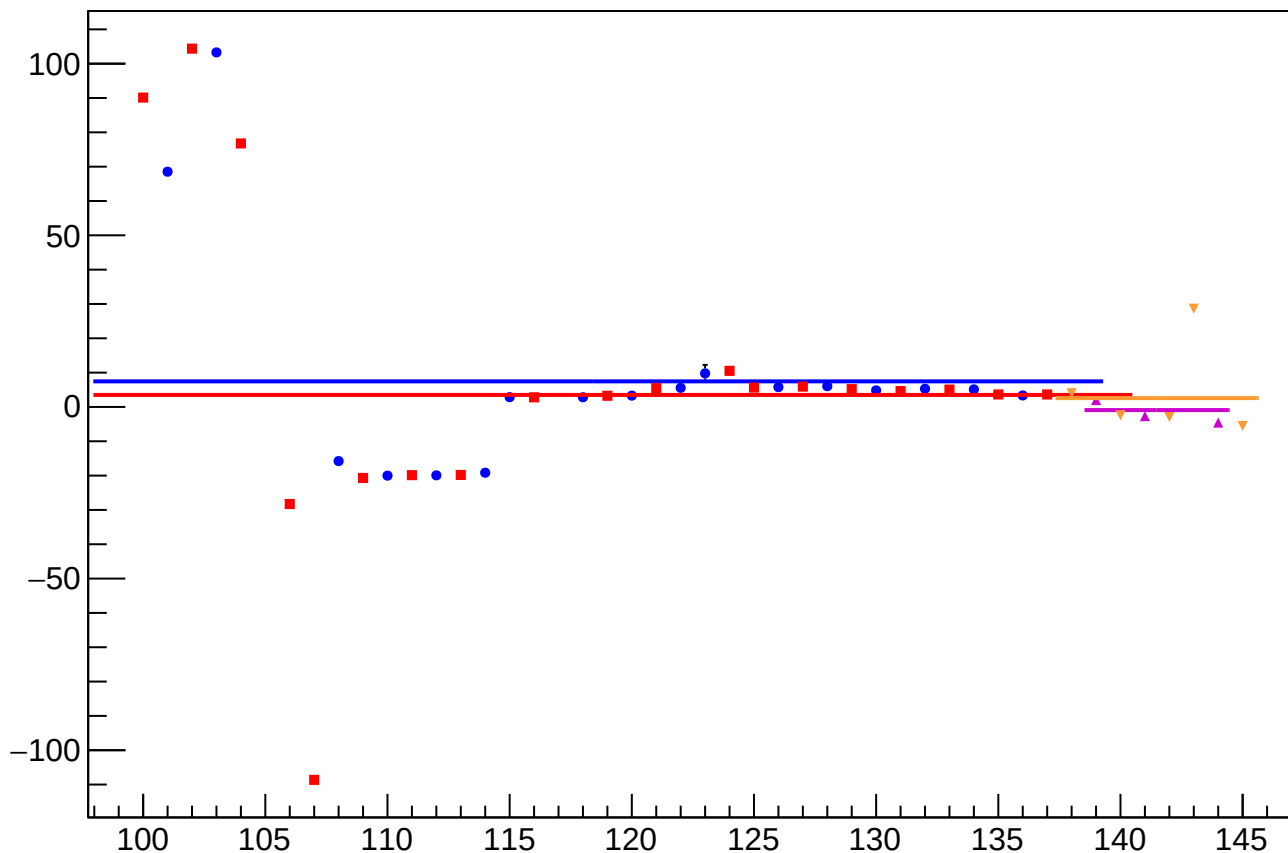
Right: 0.132 ± 0.528 χ^2/NDF : 131.8/35

In: 1.069 ± 0.623 χ^2/NDF : 87.2/19

Out: 1.865 ± 0.586 χ^2/NDF : 75.8/23

All: 1.492 ± 0.427 χ^2/NDF : 163.8/43

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Left Out: 2.574+/-0.042 χ^2/NDF : 64223.1/4

Right Out: 3.502+/-0.046 χ^2/NDF : 510579.7/18

Left In: -0.912+/-0.047 χ^2/NDF : 3756.7/2

Left: 1.025+/-0.031 χ^2/NDF : 71100.7/7

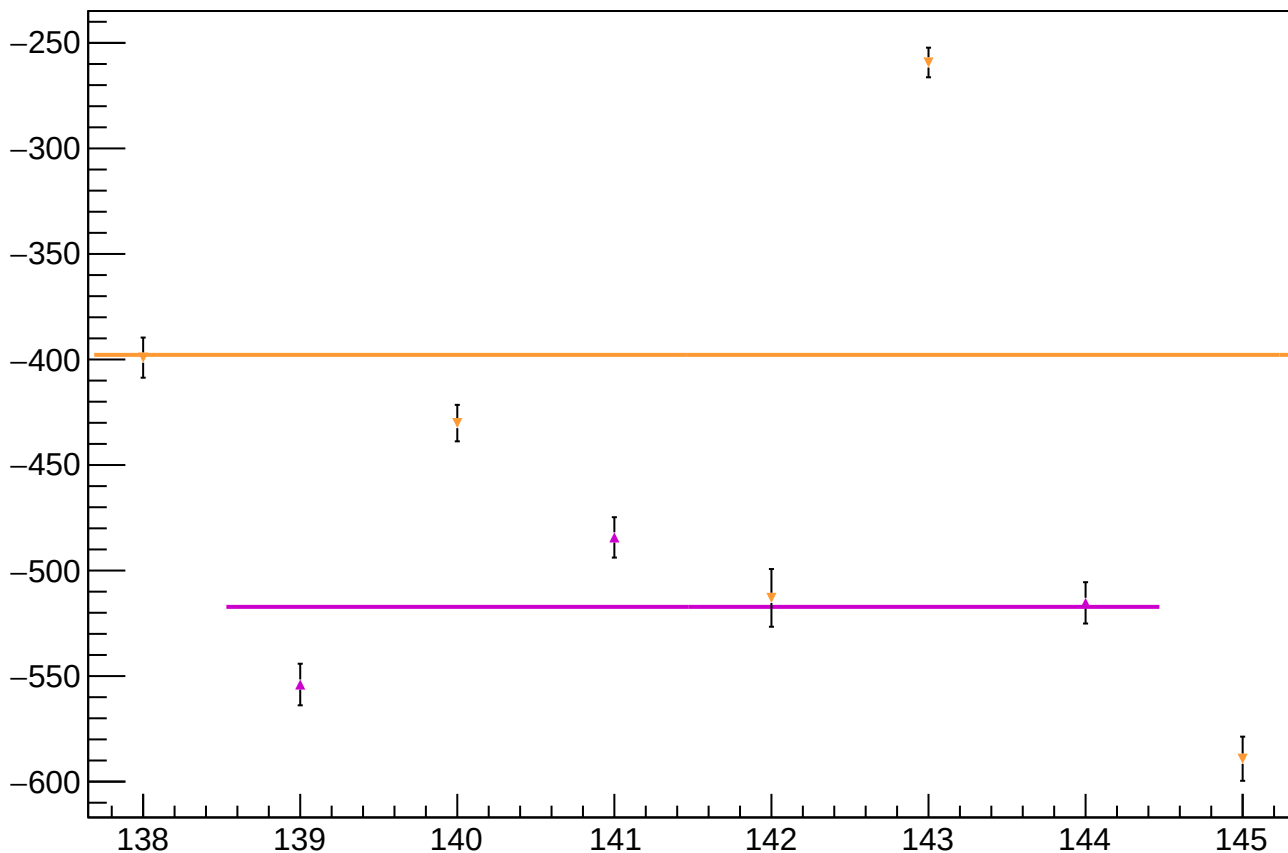
Right: 5.528+/-0.032 χ^2/NDF : 870492.1/35

In: 3.464+/-0.032 χ^2/NDF : 376726.7/19

Out: 2.996+/-0.031 χ^2/NDF : 575029.0/23

All: 3.220+/-0.022 χ^2/NDF : 951866.6/43

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -397.810+/-4.109 χ^2/NDF :809.2/4

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

Left In: -517.208+/-5.620 χ^2/NDF :25.8/2

Left: -439.400+/-3.317 χ^2/NDF : 1129.2/7

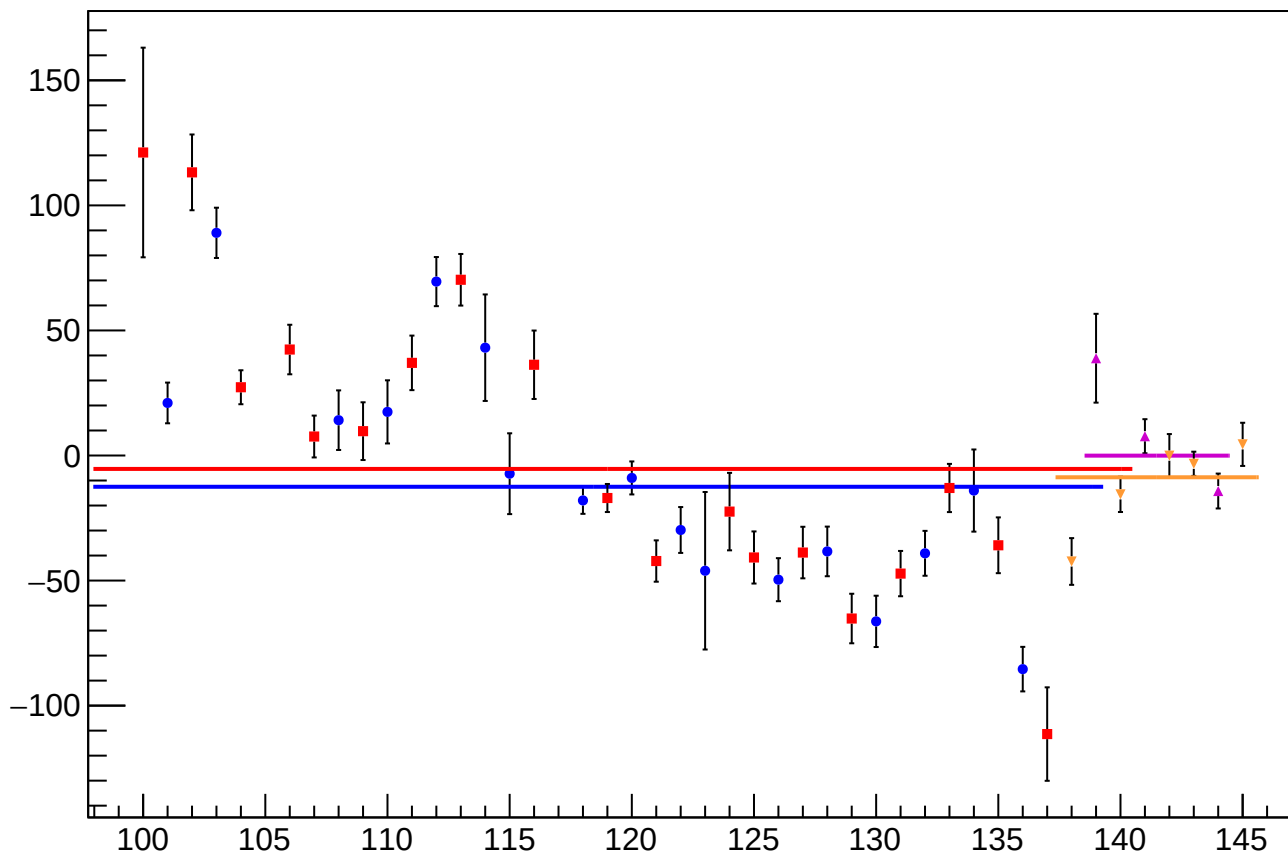
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -517.208+/-5.620 χ^2/NDF :25.8/2

Out: -397.810+/-4.109 χ^2/NDF :809.2/4

All: -439.400+/-3.317 χ^2/NDF : 1129.2/7

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 ± 2.311 $\chi^2/\text{NDF}: 341.1/16$

Left Out: -8.703 ± 3.147 $\chi^2/\text{NDF}: 18.5/4$

Right Out: -5.363 ± 2.264 $\chi^2/\text{NDF}: 344.6/18$

Left In: -0.052 ± 4.700 $\chi^2/\text{NDF}: 10.2/2$

Left: -6.025 ± 2.615 $\chi^2/\text{NDF}: 31.1/7$

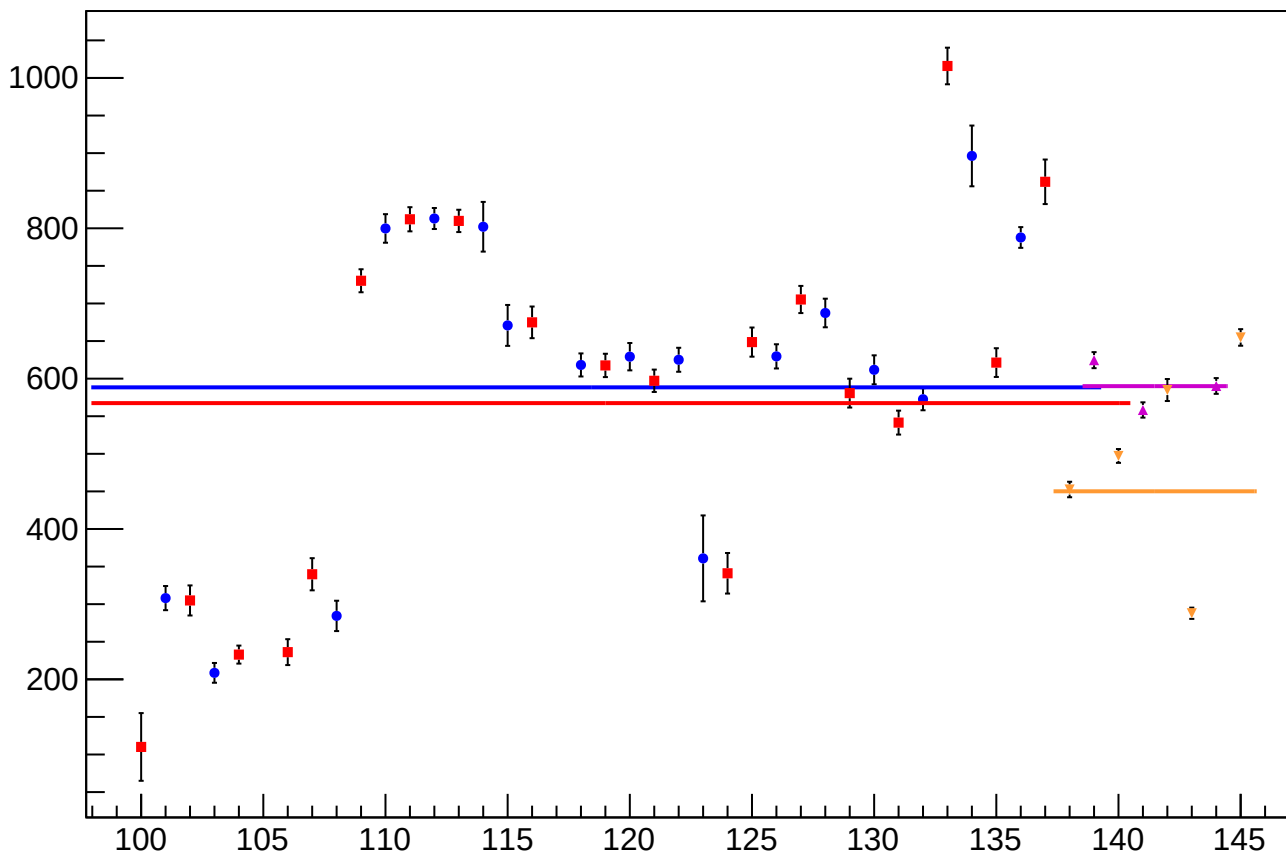
Right: -8.858 ± 1.617 $\chi^2/\text{NDF}: 690.5/35$

In: -10.076 ± 2.074 $\chi^2/\text{NDF}: 356.9/19$

Out: -6.502 ± 1.838 $\chi^2/\text{NDF}: 363.8/23$

All: -8.075 ± 1.375 $\chi^2/\text{NDF}: 722.4/43$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421 $\pm$ 4.320 χ^2/NDF : 2130.2/16

Left Out: 450.135 $\pm$ 4.388 χ^2/NDF : 924.9/4

Right Out: 567.451 $\pm$ 4.137 χ^2/NDF : 2784.8/18

Left In: 590.025 $\pm$ 6.023 χ^2/NDF : 20.2/2

Left: 498.636 $\pm$ 3.546 χ^2/NDF : 1297.6/7

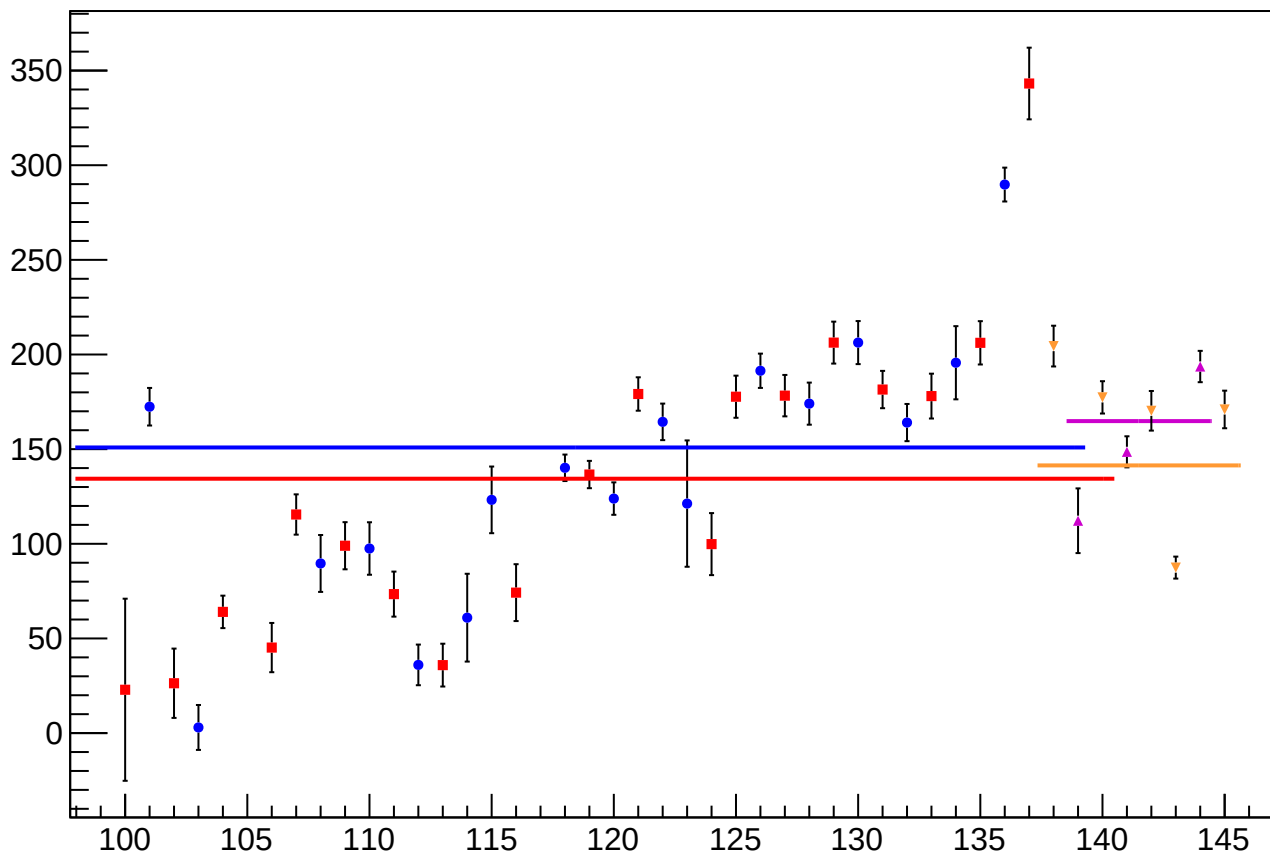
Right: 577.481 $\pm$ 2.988 χ^2/NDF : 4927.3/35

In: 588.966 $\pm$ 3.511 χ^2/NDF : 2150.5/19

Out: 512.242 $\pm$ 3.010 χ^2/NDF : 4088.2/23

All: 544.748 $\pm$ 2.285 χ^2/NDF : 6513.9/43

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891 ± 2.674 χ^2/NDF : 634.8/16

Left Out: 141.415 ± 3.746 χ^2/NDF : 154.9/4

Right Out: 134.381 ± 2.620 χ^2/NDF : 584.9/18

Left In: 164.819 ± 5.516 χ^2/NDF : 25.5/2

Left: 148.803 ± 3.099 χ^2/NDF : 192.7/7

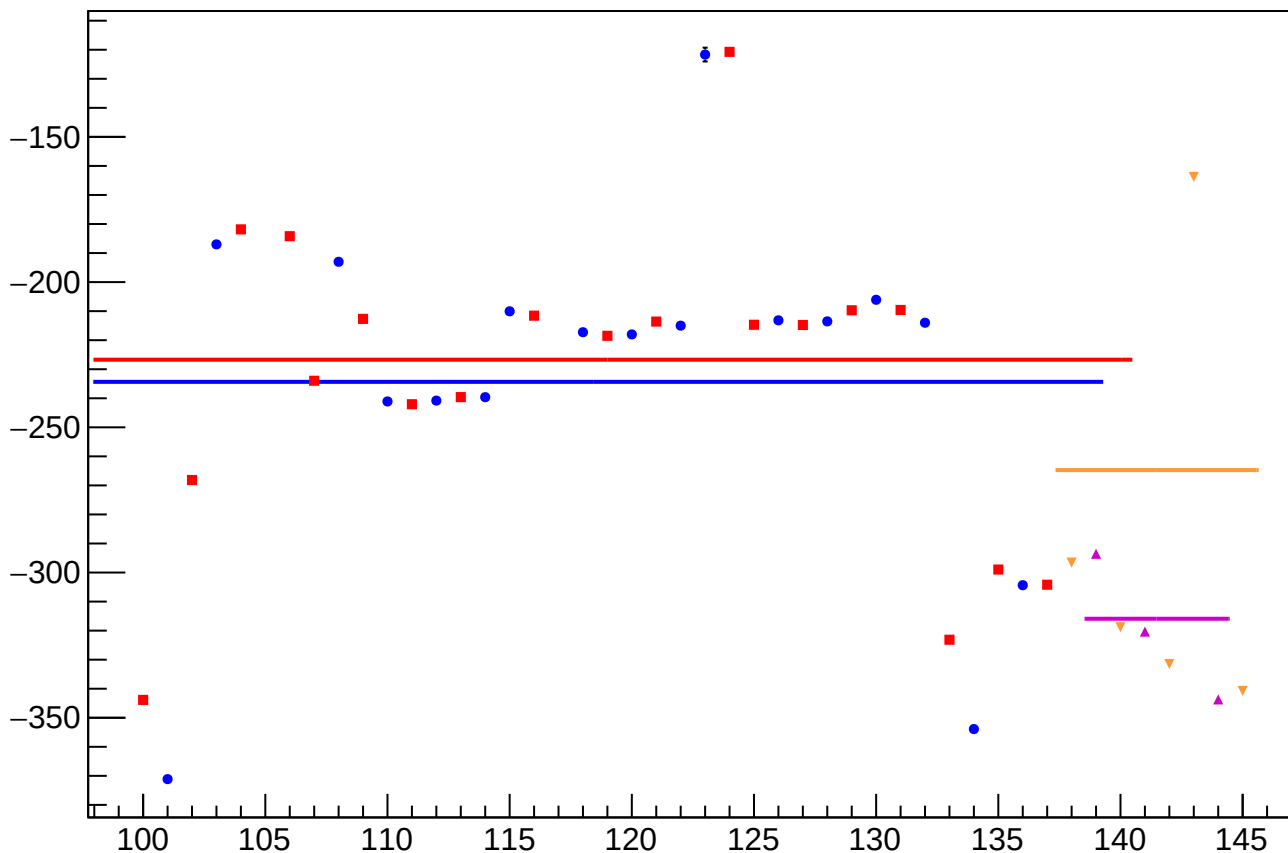
Right: 142.467 ± 1.871 χ^2/NDF : 1239.2/35

In: 153.541 ± 2.406 χ^2/NDF : 665.5/19

Out: 136.691 ± 2.147 χ^2/NDF : 742.1/23

All: 144.160 ± 1.602 χ^2/NDF : 1434.9/43

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -264.725+/-0.179 χ^2/NDF : 180261.1/4

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

Left In: -315.910+/-0.238 χ^2/NDF : 7337.1/2

Left: -283.212+/-0.143 χ^2/NDF : 217259.5/7

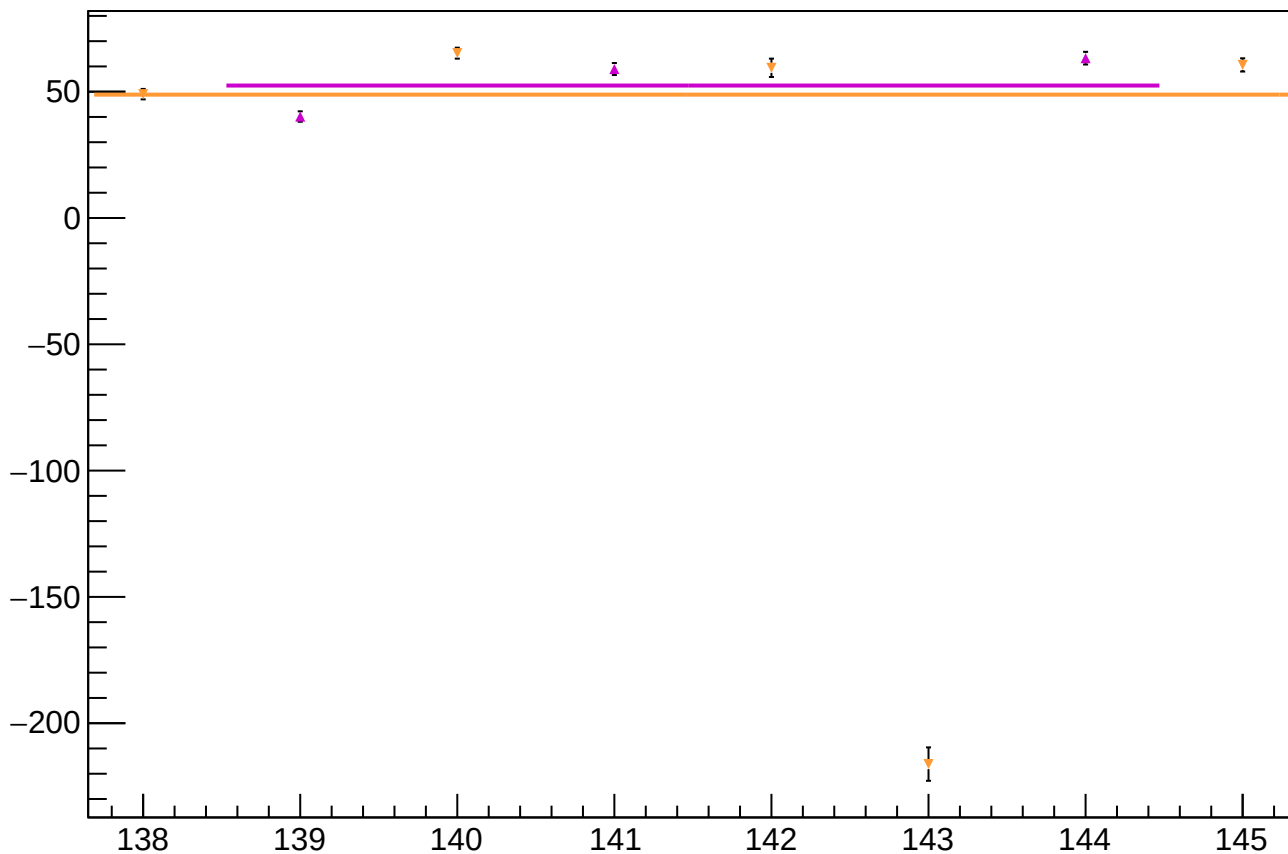
Right: -230.345+/-0.102 χ^2/NDF : 245990.9/35

In: -257.219+/-0.126 χ^2/NDF : 237346.0/19

Out: -241.350+/-0.111 χ^2/NDF : 307550.7/23

All: -248.284+/-0.083 χ^2/NDF : 553855.2/43

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 48.836+/-1.203 χ^2/NDF :1692.0/4

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

Left In: 52.438+/-1.326 χ^2/NDF :61.3/2

Left: 50.462+/-0.891 χ^2/NDF : 1757.4/7

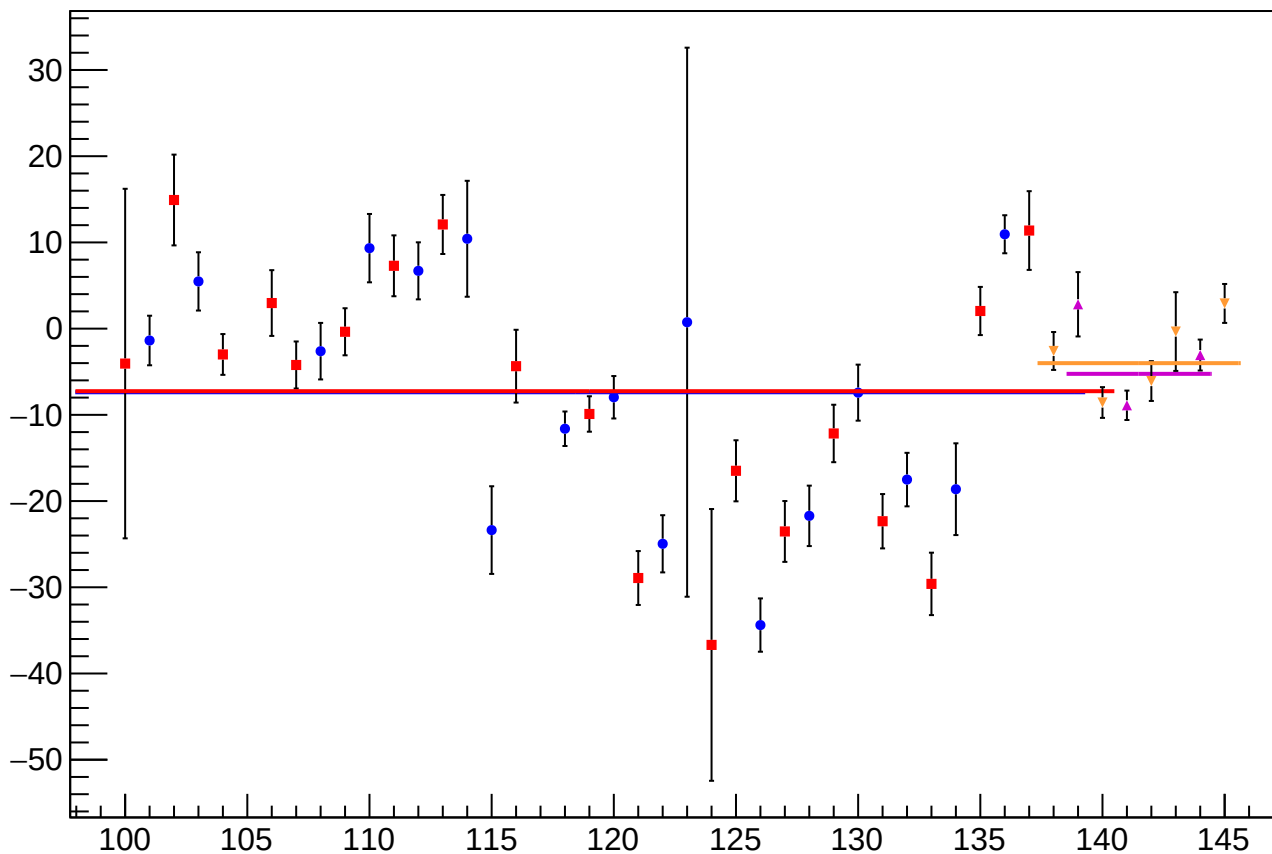
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 52.438+/-1.326 χ^2/NDF :61.3/2

Out: 48.836+/-1.203 χ^2/NDF :1692.0/4

All: 50.462+/-0.891 χ^2/NDF : 1757.4/7

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: -4.004 ± 1.024 χ^2/NDF : 17.8/4

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

Left In: -5.244 ± 1.174 χ^2/NDF : 10.7/2

Left: -4.540 ± 0.772 χ^2/NDF : 29.2/7

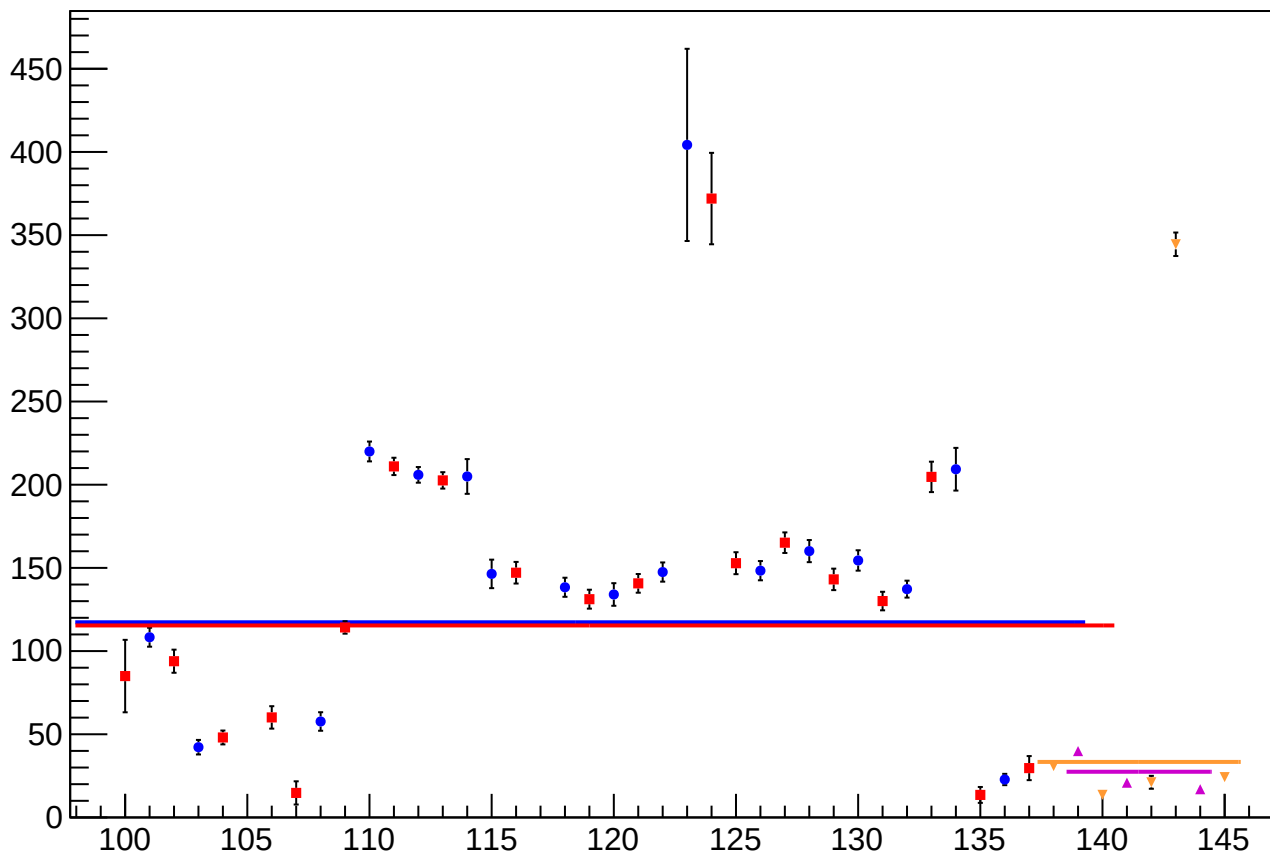
Right: -7.317 ± 0.545 χ^2/NDF : 540.9/35

In: -6.728 ± 0.649 χ^2/NDF : 296.6/19

Out: -6.097 ± 0.611 χ^2/NDF : 281.6/23

All: -6.394 ± 0.445 χ^2/NDF : 578.7/43

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: 33.378 $\pm$ 1.284 χ^2 /NDF:2039.0/4

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

Left In: 27.465 $\pm$ 1.423 χ^2 /NDF:52.7/2

Left: 30.725 $\pm$ 0.953 χ^2 /NDF: 2101.3/7

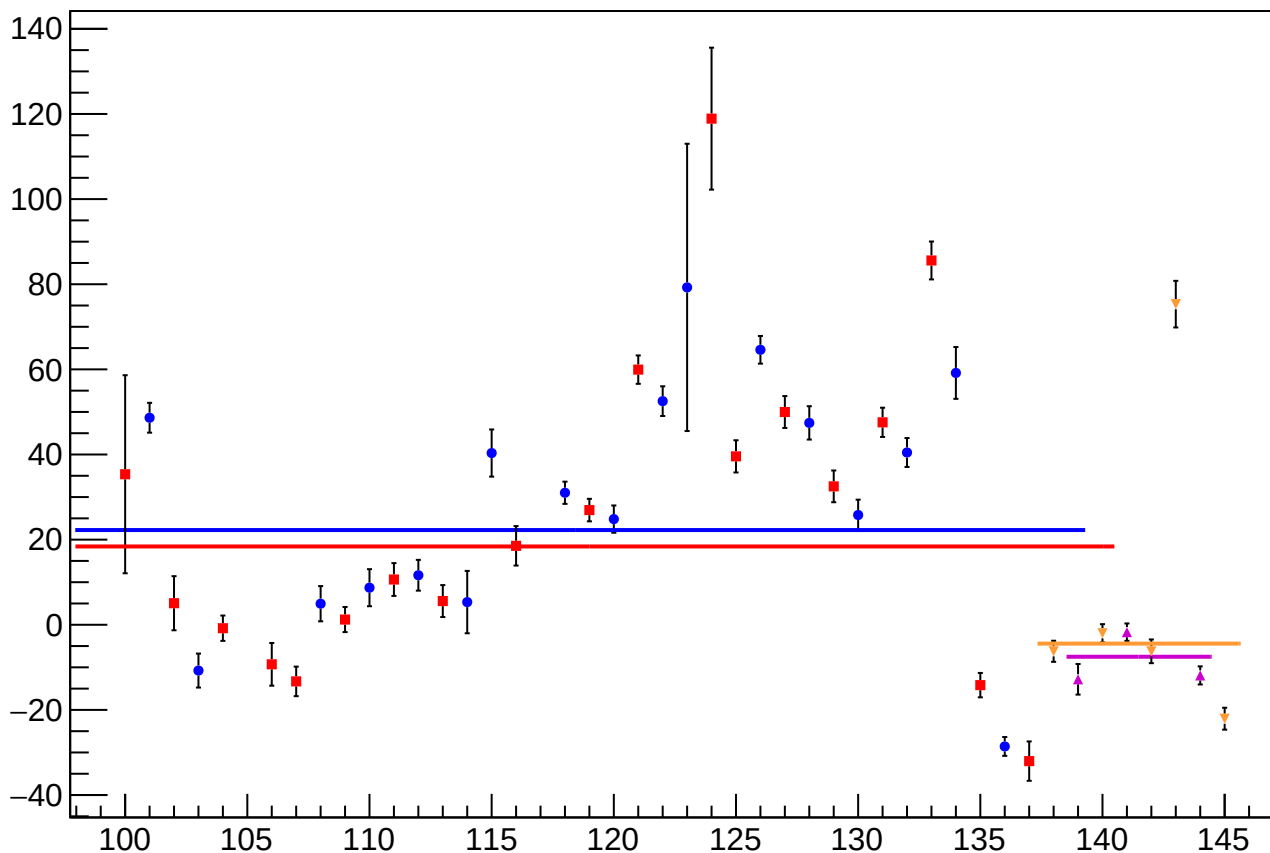
Right: 116.321 $\pm$ 0.979 χ^2 /NDF: 4312.7/35

In: 72.841 $\pm$ 1.001 χ^2 /NDF:4227.2/19

Out: 72.010 $\pm$ 0.934 χ^2 /NDF:6112.3/23

All: 72.397 $\pm$ 0.683 χ^2 /NDF: 10339.8/43

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250+/-0.889 χ^2 /NDF: 1071.4/16

Left Out: -4.426+/-1.201 χ^2 /NDF:261.3/4

Right Out: 18.395+/-0.872 χ^2 /NDF: 1077.1/18

Left In: -7.514+/-1.364 χ^2 /NDF:14.4/2

Left: -5.775+/-0.901 χ^2 /NDF: 278.6/7

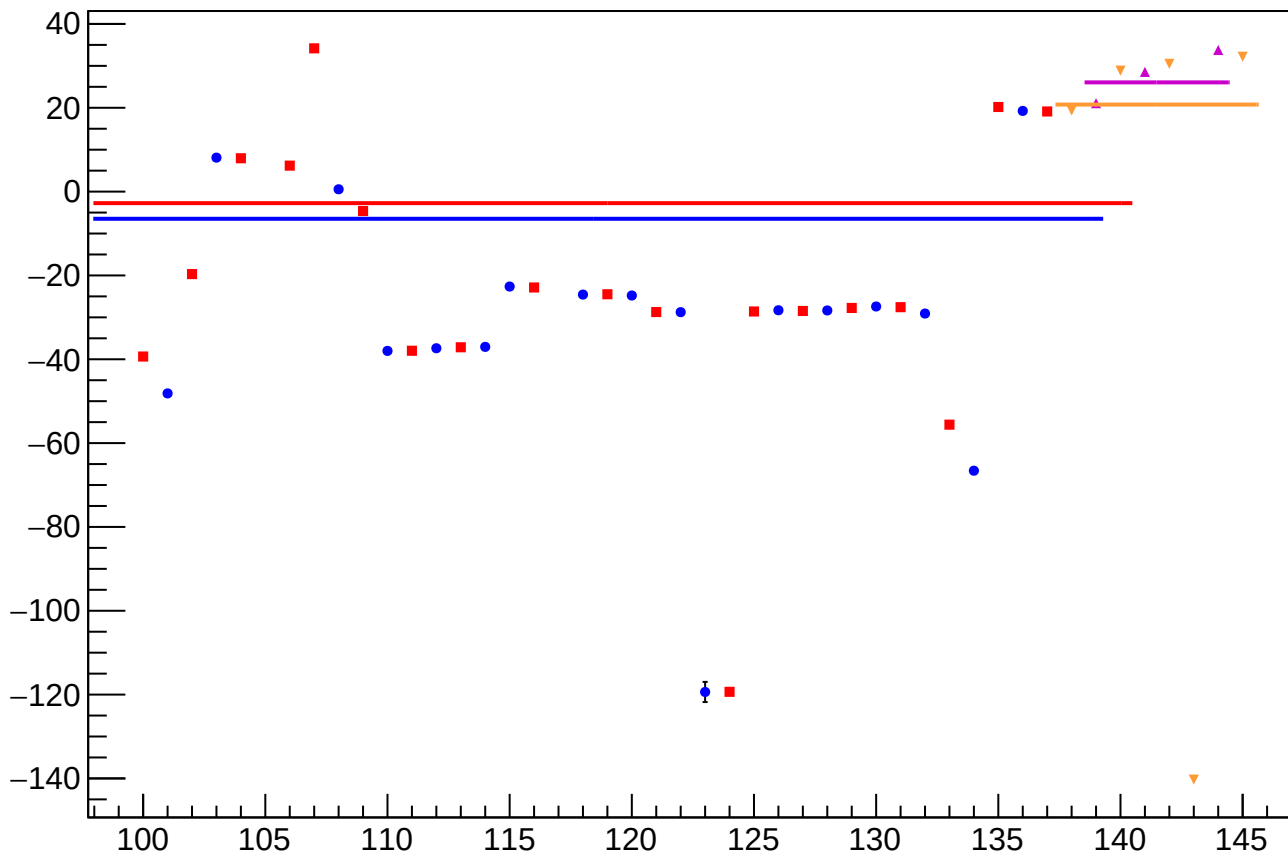
Right: 20.284+/-0.622 χ^2 /NDF: 2158.2/35

In: 13.372+/-0.745 χ^2 /NDF:1420.1/19

Out: 10.519+/-0.706 χ^2 /NDF:1574.9/23

All: 11.868+/-0.512 χ^2 /NDF: 3002.7/43

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 20.767 ± 0.052 χ^2/NDF : 345489.8/4

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

Left In: 26.060 ± 0.055 χ^2/NDF : 8879.4/2

Left: 23.258 ± 0.038 χ^2/NDF : 359255.7/7

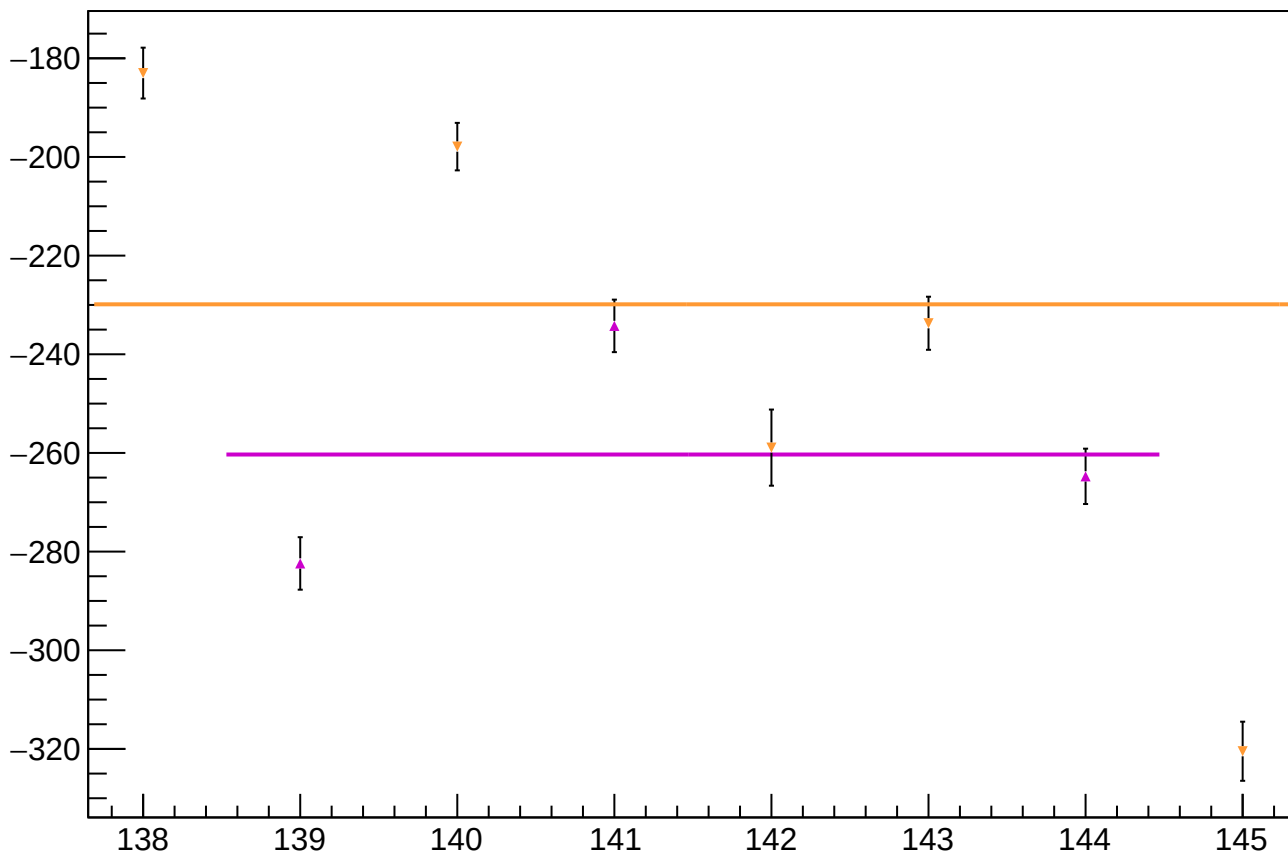
Right: -4.597 ± 0.032 χ^2/NDF : 535394.7/35

In: 6.941 ± 0.035 χ^2/NDF : 479666.8/19

Out: 7.504 ± 0.034 χ^2/NDF : 727366.1/23

All: 7.231 ± 0.025 χ^2/NDF : 1207163.3/43

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -229.873+/-2.500 χ^2/NDF :370.2/4

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

Left In: -260.320+/-3.125 χ^2/NDF :41.8/2

Left: -241.754+/-1.952 χ^2/NDF : 469.9/7

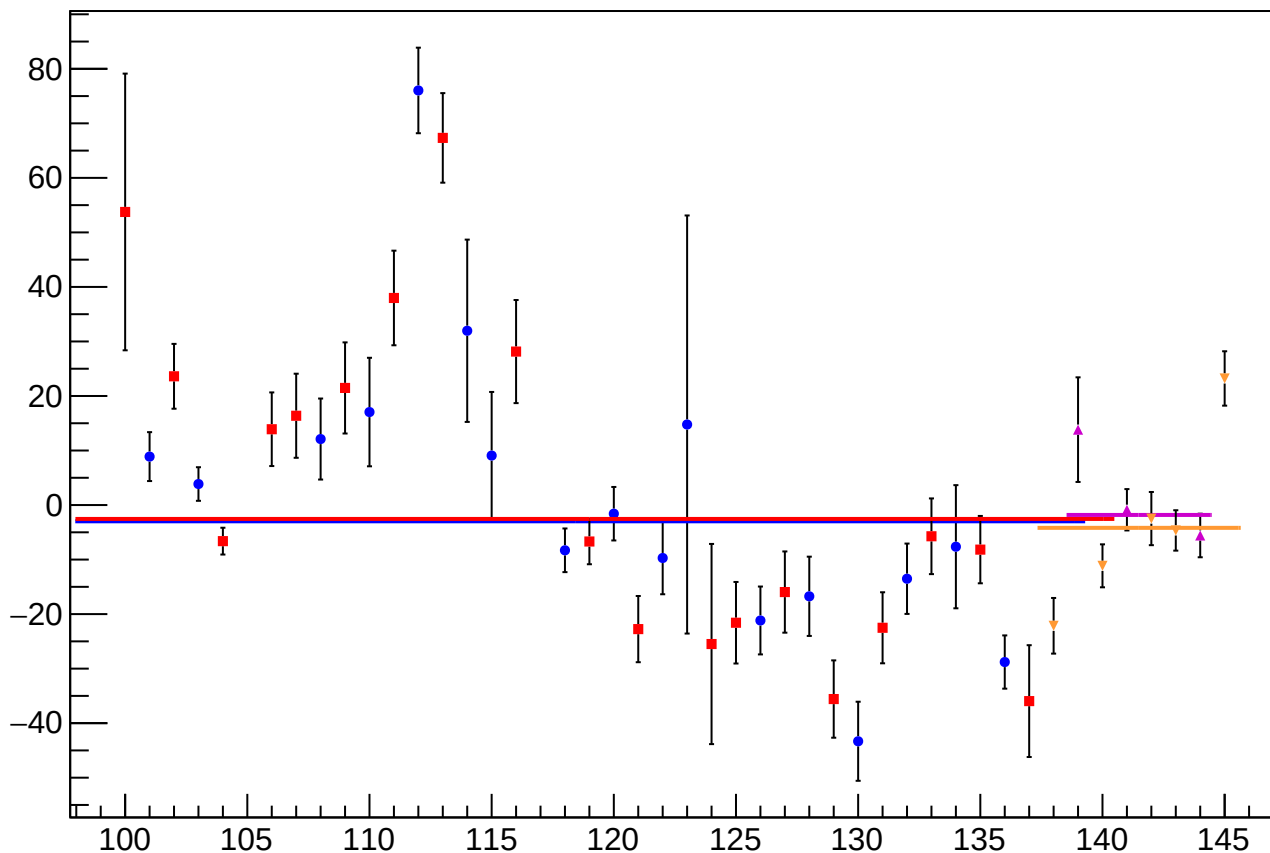
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -260.320+/-3.125 χ^2/NDF :41.8/2

Out: -229.873+/-2.500 χ^2/NDF :370.2/4

All: -241.754+/-1.952 χ^2/NDF : 469.9/7

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: -4.181 ± 1.969 χ^2/NDF : 45.8/4

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

Left In: -1.815 ± 2.644 χ^2/NDF : 3.6/2

Left: -3.337 ± 1.579 χ^2/NDF : 50.0/7

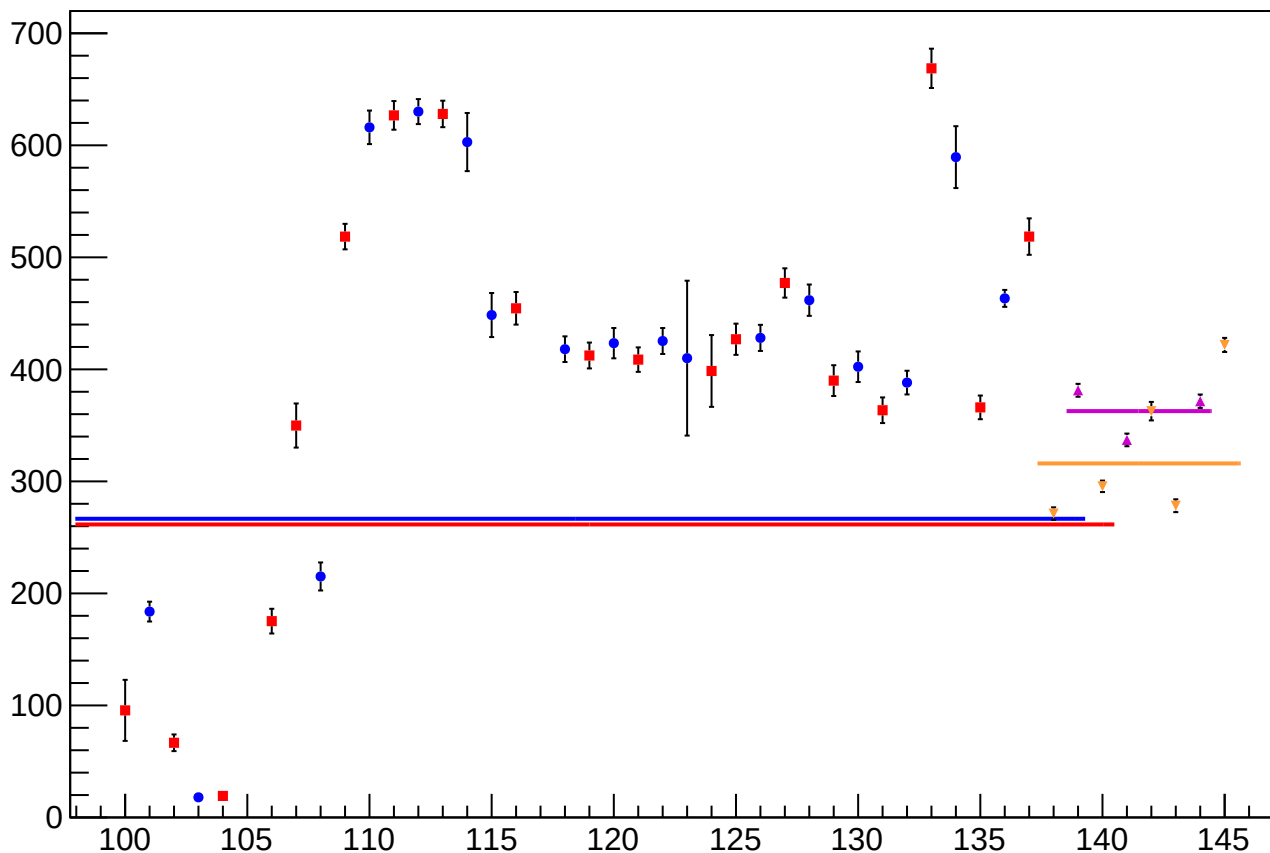
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: -2.712 ± 1.272 χ^2/NDF : 207.7/19

Out: -3.096 ± 1.140 χ^2/NDF : 264.4/23

All: -2.924 ± 0.849 χ^2/NDF : 472.1/43

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: 316.021 $\pm$ 2.670 χ^2 /NDF:437.7/4

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

Left In: 362.739 $\pm$ 3.350 χ^2 /NDF:33.2/2

Left: 334.166 $\pm$ 2.088 χ^2 /NDF: 589.9/7

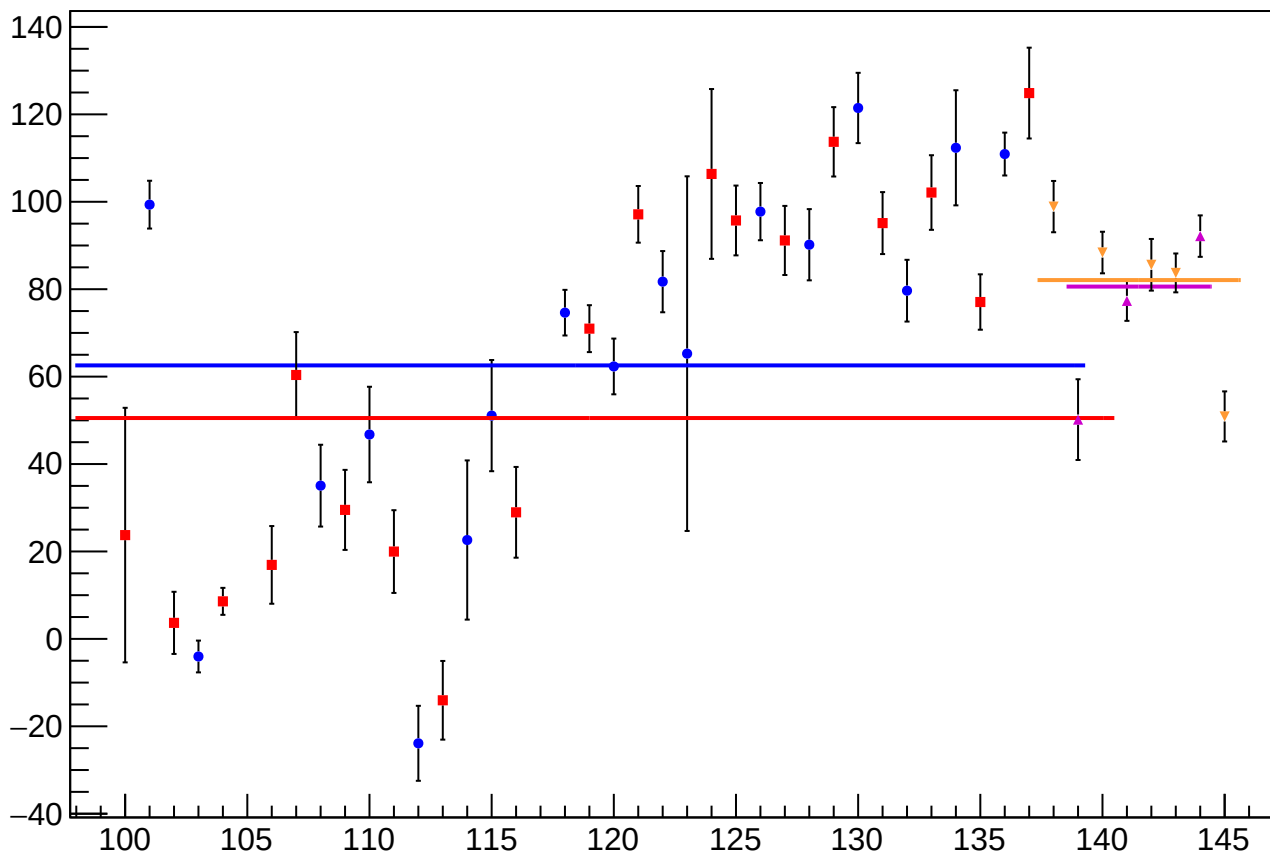
Right: 264.068 $\pm$ 1.745 χ^2 /NDF: 15873.0/35

In: 300.601 $\pm$ 1.992 χ^2 /NDF:8228.1/19

Out: 286.539 $\pm$ 1.808 χ^2 /NDF:8871.2/23

All: 292.892 $\pm$ 1.339 χ^2 /NDF: 17126.7/43

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: 82.087 $\pm$ 2.338 χ^2 /NDF:40.1/4

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

Left In: 80.599 $\pm$ 3.099 χ^2 /NDF:17.3/2

Left: 81.547 $\pm$ 1.866 χ^2 /NDF: 57.5/7

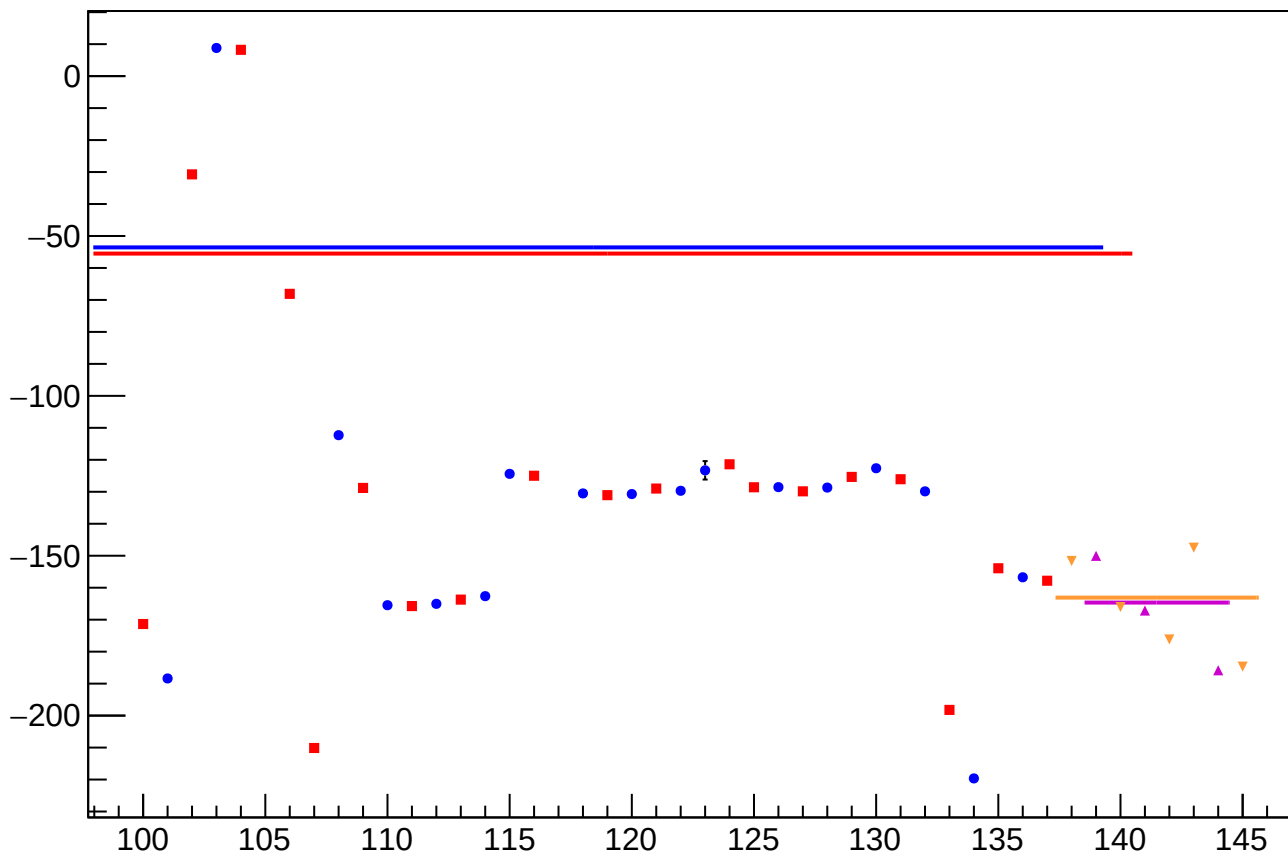
Right: 56.420 $\pm$ 1.174 χ^2 /NDF: 1405.7/35

In: 66.656 $\pm$ 1.476 χ^2 /NDF:765.9/19

Out: 60.962 $\pm$ 1.345 χ^2 /NDF:819.0/23

All: 63.545 $\pm$ 0.994 χ^2 /NDF: 1593.1/43

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567+/-0.070 χ^2/NDF : 1230233.3/16

Left Out: -163.096+/-0.109 χ^2/NDF : 16531.6/4

Right Out: -55.502+/-0.072 χ^2/NDF : 969632.0/18

Left In: -164.648+/-0.132 χ^2/NDF : 11792.9/2

Left: -163.727+/-0.084 χ^2/NDF : 28407.0/7

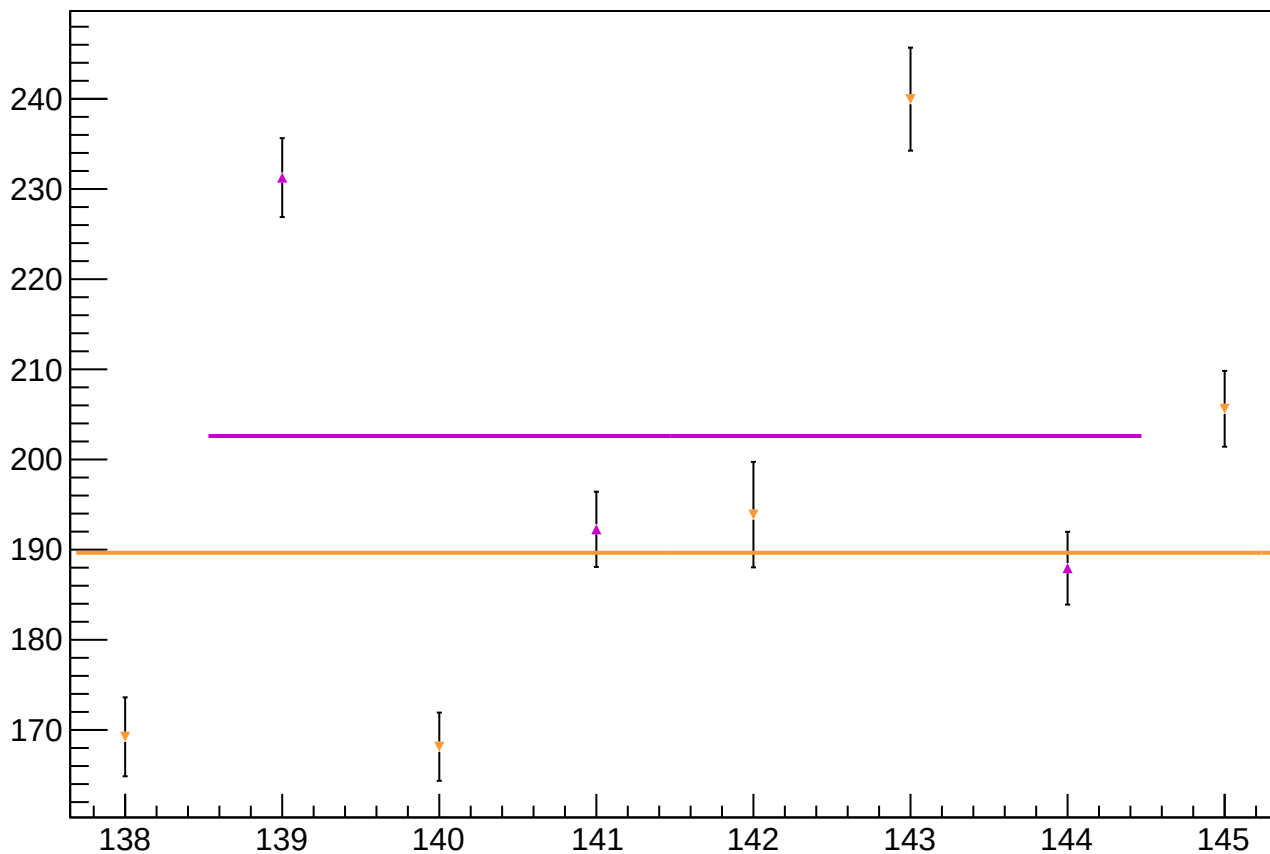
Right: -54.512+/-0.050 χ^2/NDF : 2200235.7/35

In: -78.209+/-0.062 χ^2/NDF : 1796308.6/19

Out: -88.167+/-0.060 χ^2/NDF : 1665879.8/23

All: -83.350+/-0.043 χ^2/NDF : 3475508.8/43

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 189.654+/-2.047 χ^2/NDF :146.6/4

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

Left In: 202.604+/-2.418 χ^2/NDF :62.2/2

Left: 195.062+/-1.562 χ^2/NDF : 225.6/7

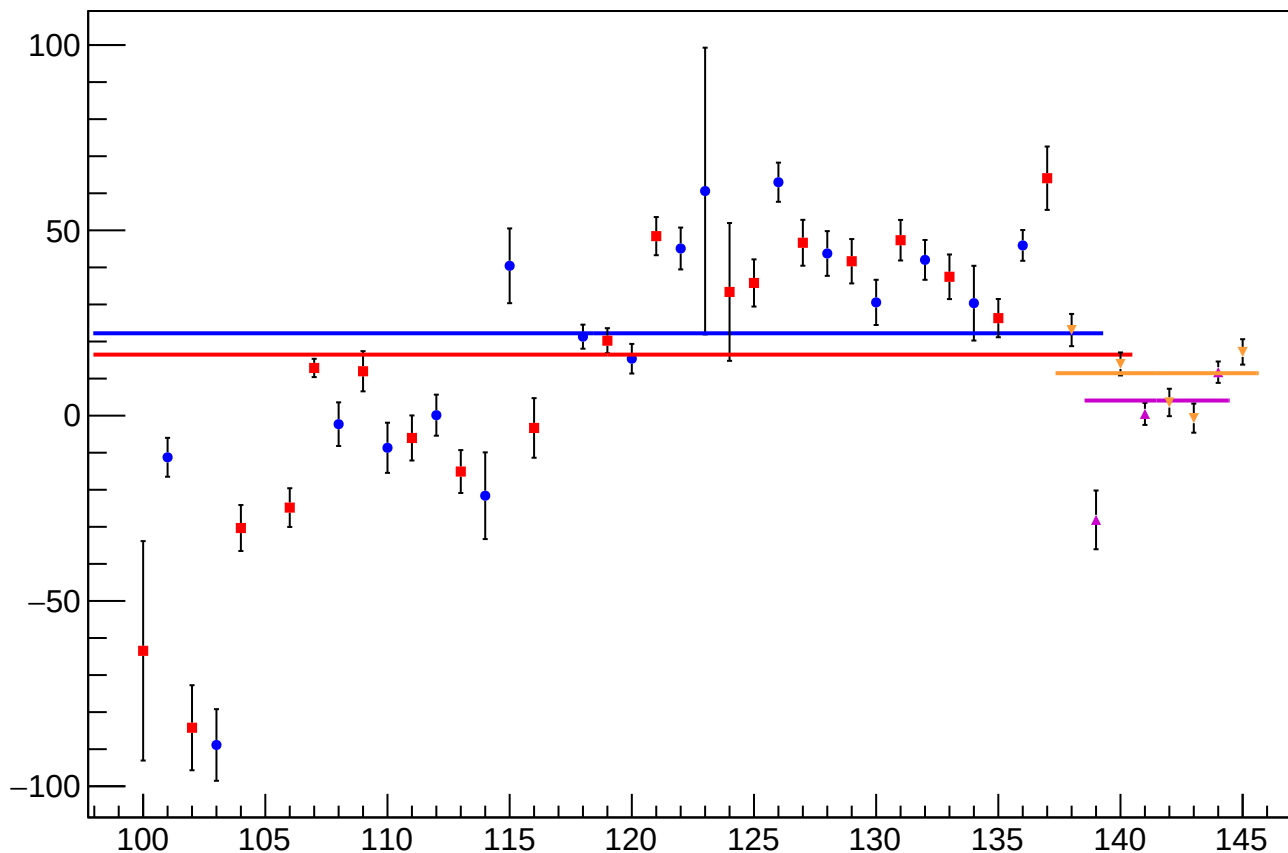
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.604+/-2.418 χ^2/NDF :62.2/2

Out: 189.654+/-2.047 χ^2/NDF :146.6/4

All: 195.062+/-1.562 χ^2/NDF : 225.6/7

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: 11.452 $\pm$ 1.622 χ^2 /NDF:24.7/4

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

Left In: 4.080 $\pm$ 2.003 χ^2 /NDF:25.0/2

Left: 8.532 $\pm$ 1.261 χ^2 /NDF: 57.9/7

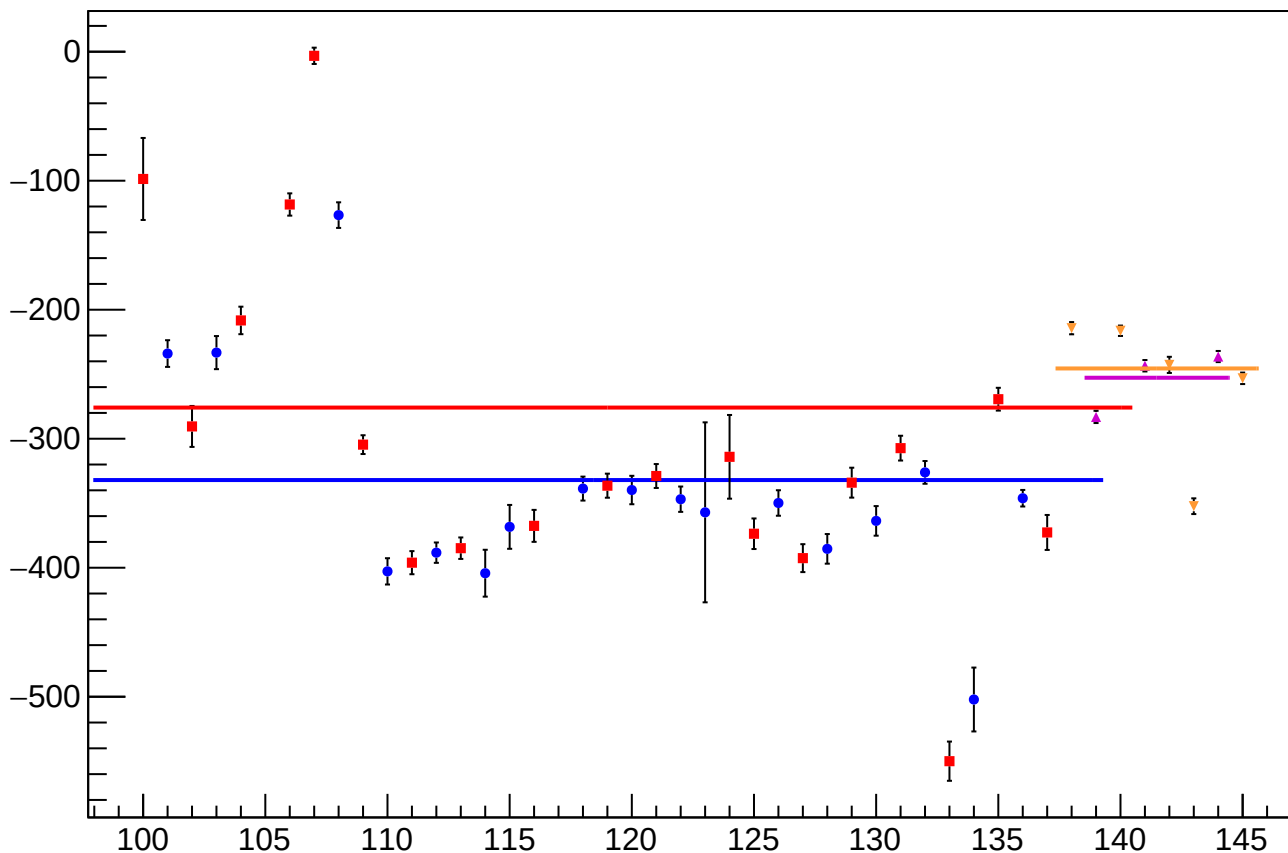
Right: 19.025 $\pm$ 0.916 χ^2 /NDF: 821.2/35

In: 16.416 $\pm$ 1.133 χ^2 /NDF:466.4/19

Out: 14.636 $\pm$ 0.980 χ^2 /NDF:456.7/23

All: 15.398 $\pm$ 0.741 χ^2 /NDF: 924.5/43

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037 ± 2.562 $\chi^2/\text{NDF}: 784.9/16$

Left Out: -245.534 ± 2.188 $\chi^2/\text{NDF}: 405.8/4$

Right Out: -275.853 ± 2.324 $\chi^2/\text{NDF}: 3362.8/18$

Left In: -252.734 ± 2.590 $\chi^2/\text{NDF}: 60.0/2$

Left: -248.532 ± 1.671 $\chi^2/\text{NDF}: 470.3/7$

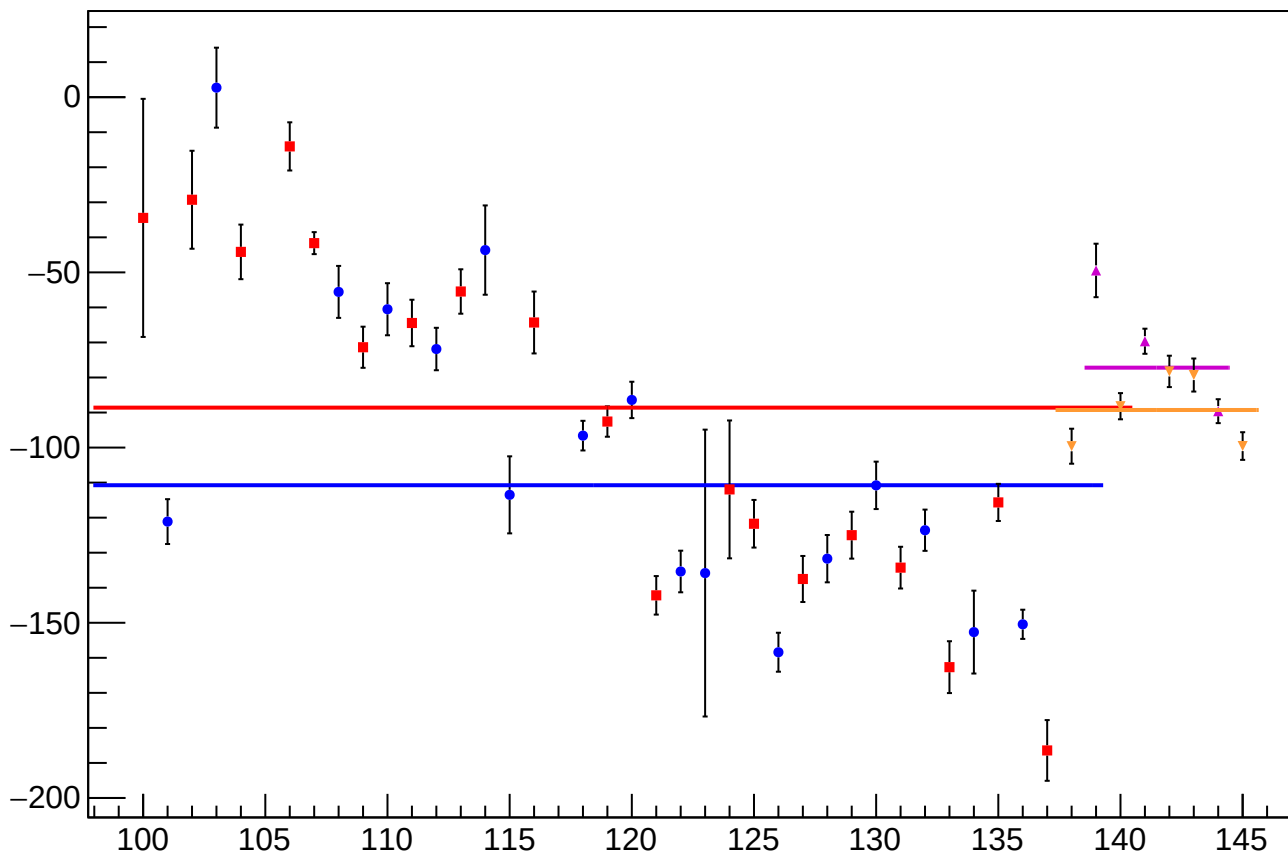
Right: -301.220 ± 1.721 $\chi^2/\text{NDF}: 4411.6/35$

In: -292.825 ± 1.822 $\chi^2/\text{NDF}: 1318.7/19$

Out: -259.777 ± 1.593 $\chi^2/\text{NDF}: 3858.9/23$

All: -274.100 ± 1.199 $\chi^2/\text{NDF}: 5364.1/43$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -89.273 ± 1.922 χ^2/NDF : 21.7/4

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

Left In: -77.193 ± 2.351 χ^2/NDF : 30.9/2

Left: -84.433 ± 1.488 χ^2/NDF : 68.4/7

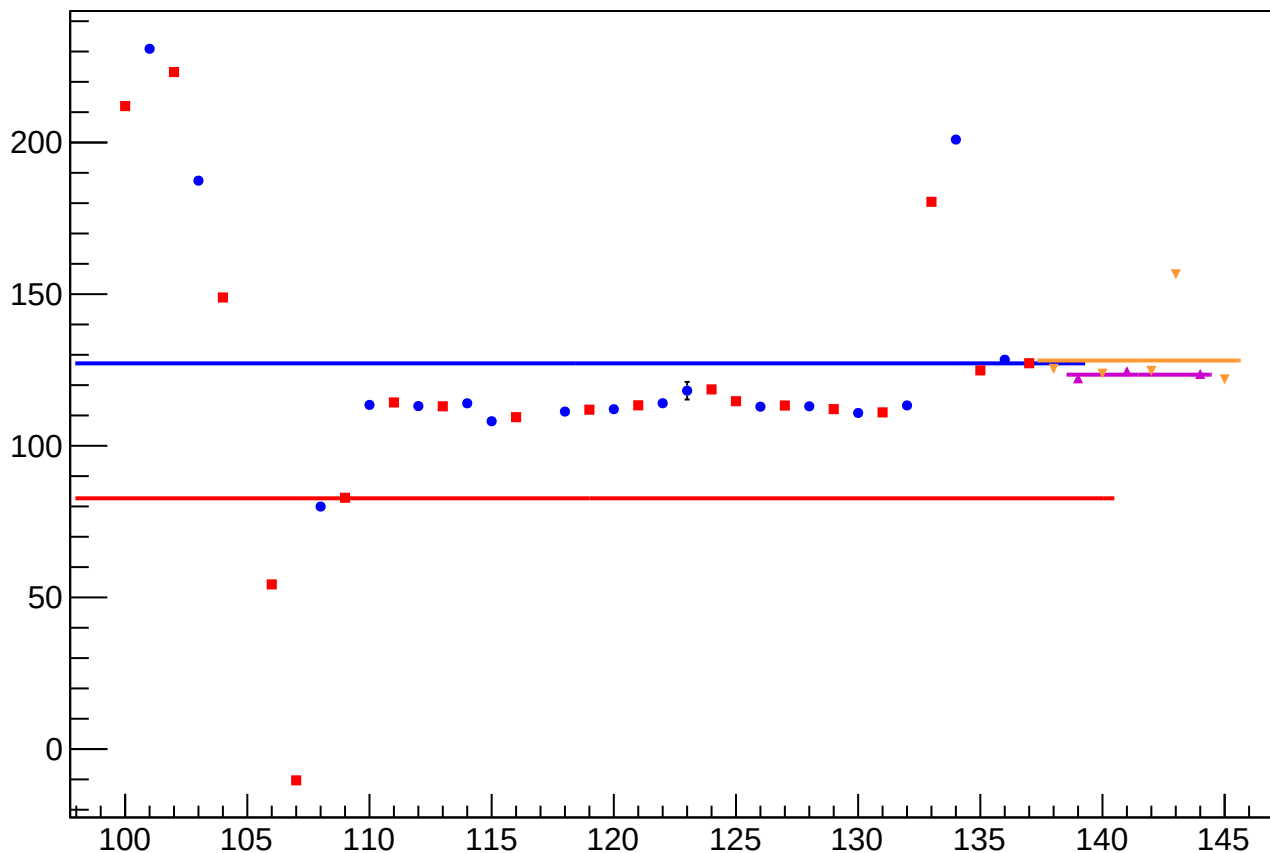
Right: -98.623 ± 1.061 χ^2/NDF : 1591.0/35

In: -100.327 ± 1.310 χ^2/NDF : 684.7/19

Out: -88.841 ± 1.150 χ^2/NDF : 991.5/23

All: -93.838 ± 0.864 χ^2/NDF : 1719.7/43

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179+/-0.089 χ^2/NDF : 188050.9/16

Left Out: 128.119+/-0.089 χ^2/NDF :15762.0/4

Right Out: 82.684+/-0.075 χ^2/NDF : 765716.0/18

Left In: 123.448+/-0.103 χ^2/NDF :93.2/2

Left: 126.111+/-0.067 χ^2/NDF : 17034.0/7

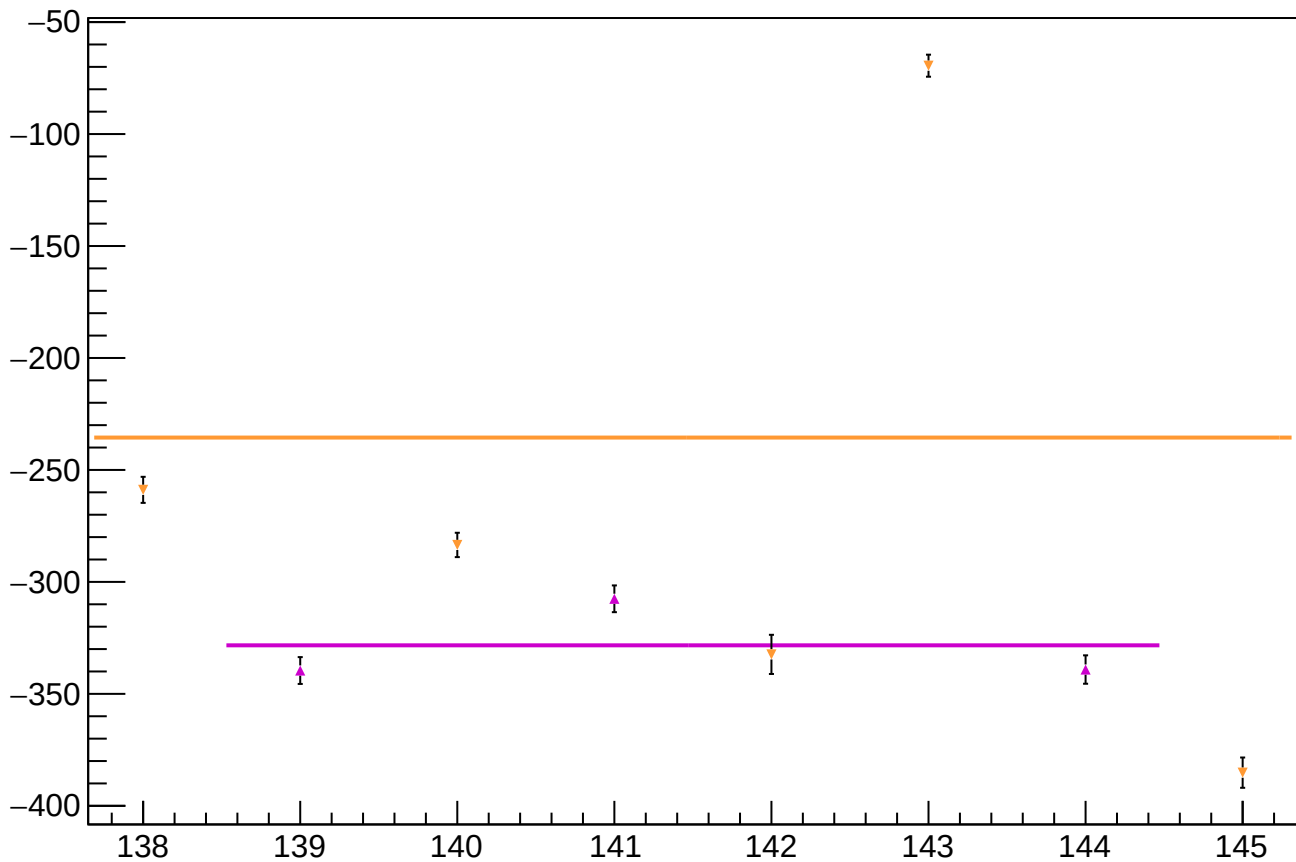
Right: 101.242+/-0.057 χ^2/NDF : 1099401.9/35

In: 125.579+/-0.067 χ^2/NDF :188897.4/19

Out: 101.589+/-0.058 χ^2/NDF :932968.1/23

All: 111.724+/-0.044 χ^2/NDF : 1195300.1/43

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -235.541+/-2.677 χ^2/NDF :1843.7/4

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

Left In: -328.324+/-3.520 χ^2/NDF :18.5/2

Left: -269.542+/-2.131 χ^2/NDF : 2302.5/7

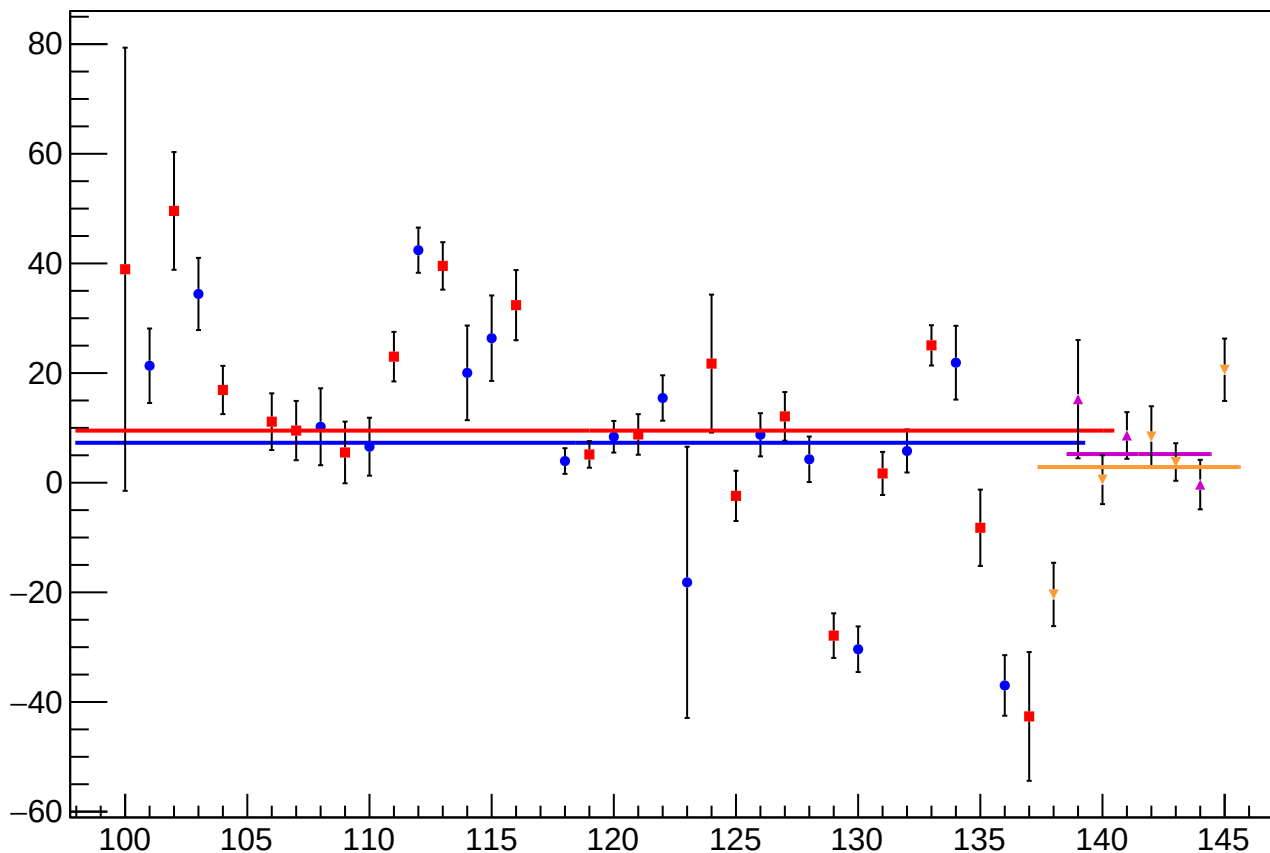
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -328.324+/-3.520 χ^2/NDF :18.5/2

Out: -235.541+/-2.677 χ^2/NDF :1843.7/4

All: -269.542+/-2.131 χ^2/NDF : 2302.5/7

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: 2.850 $\pm$ 2.087 χ^2 /NDF:27.3/4

Right Out: 9.505 $\pm$ 1.074 χ^2 /NDF: 231.5/18

Left In: 5.225 $\pm$ 2.977 χ^2 /NDF:3.0/2

Left: 3.633 $\pm$ 1.709 χ^2 /NDF: 30.7/7

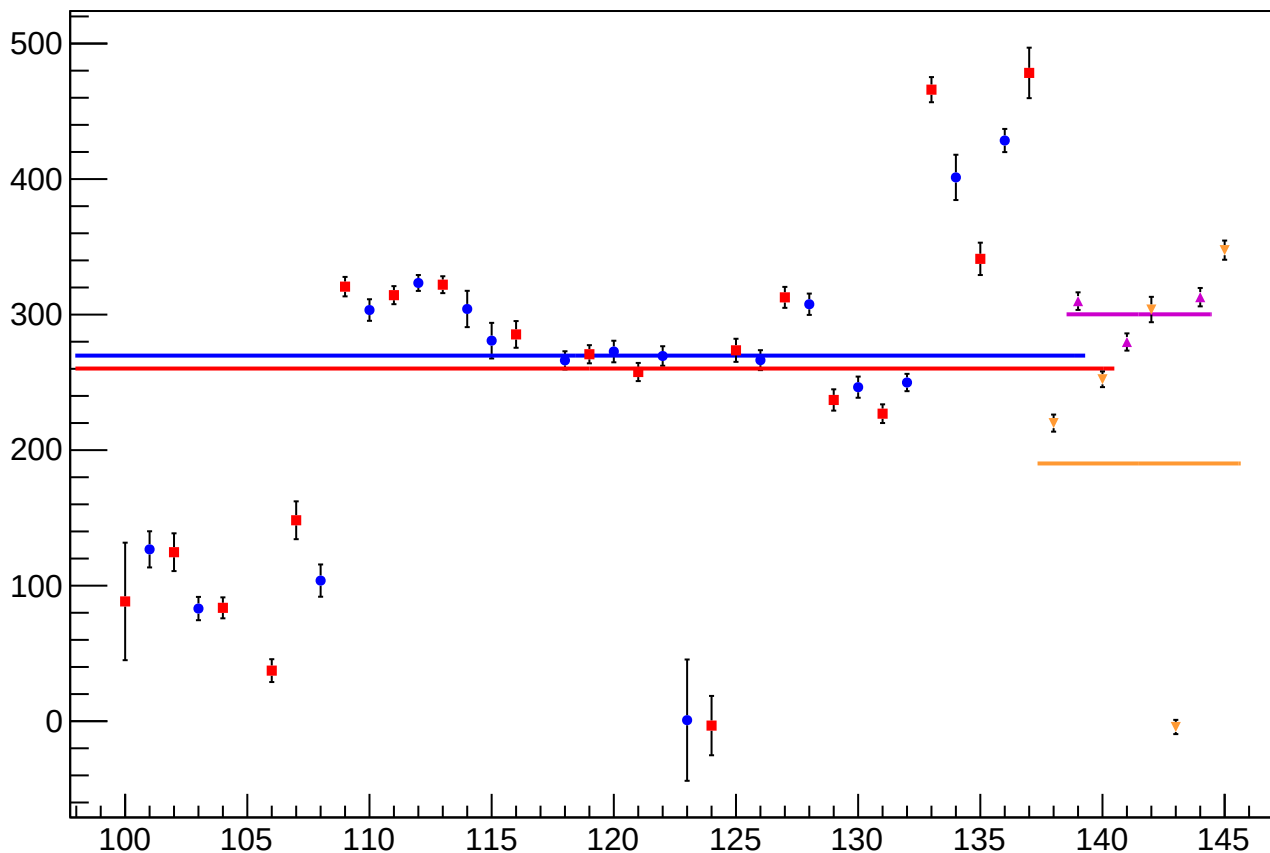
Right: 8.404 $\pm$ 0.763 χ^2 /NDF: 494.7/35

In: 7.043 $\pm$ 1.018 χ^2 /NDF:264.5/19

Out: 8.111 $\pm$ 0.955 χ^2 /NDF:266.8/23

All: 7.611 $\pm$ 0.697 χ^2 /NDF: 531.9/43

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: 190.156 $\pm$ 2.857 χ^2 /NDF:2147.4/4

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

Left In: 300.207 $\pm$ 3.773 χ^2 /NDF:16.1/2

Left: 230.260 $\pm$ 2.277 χ^2 /NDF: 2704.2/7

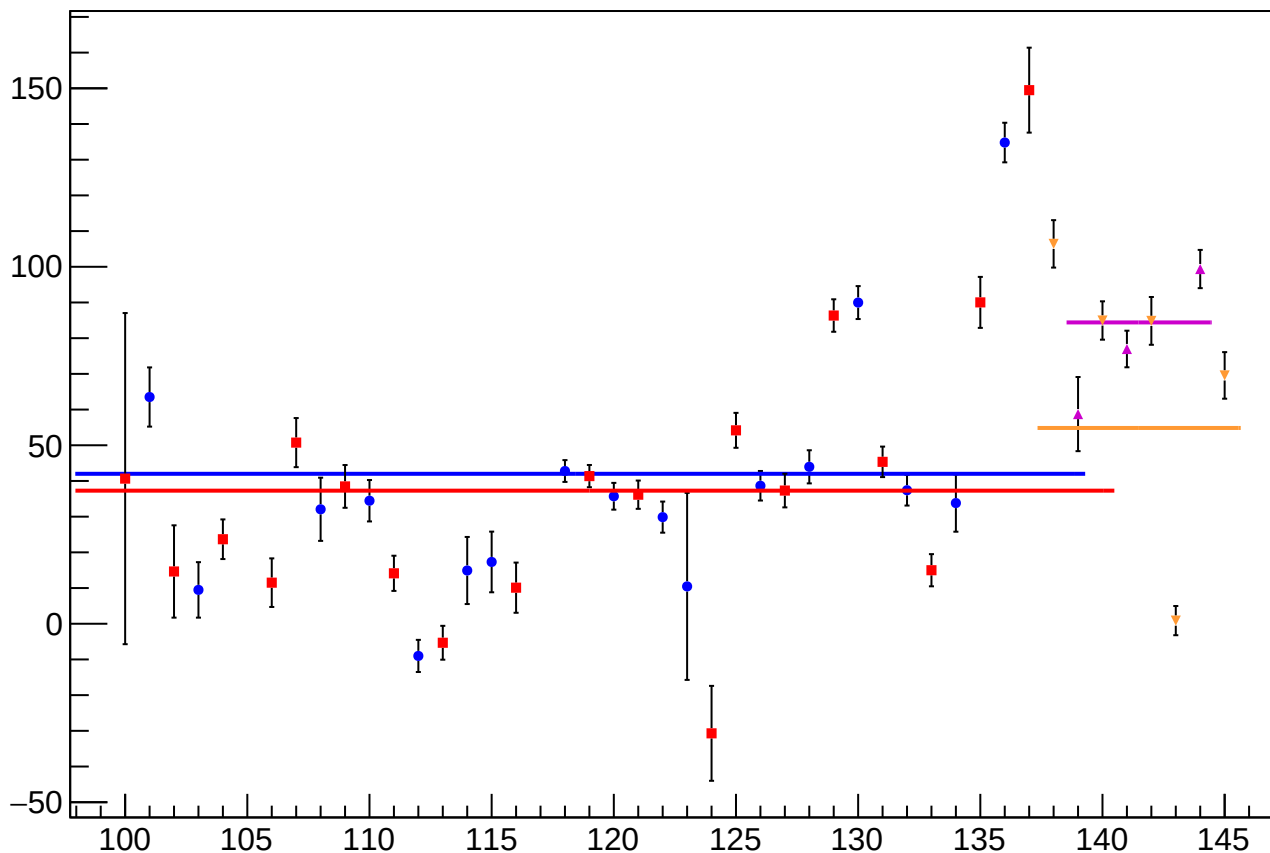
Right: 264.757 $\pm$ 1.430 χ^2 /NDF: 3926.7/35

In: 276.803 $\pm$ 1.816 χ^2 /NDF:1440.2/19

Out: 237.509 $\pm$ 1.626 χ^2 /NDF:5095.4/23

All: 254.998 $\pm$ 1.211 χ^2 /NDF: 6795.5/43

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: 54.848 ± 2.478 $\chi^2/\text{NDF}: 290.9/4$

Right Out: 37.284 ± 1.237 $\chi^2/\text{NDF}: 472.6/18$

Left In: 84.413 ± 3.488 $\chi^2/\text{NDF}: 16.0/2$

Left: 64.765 ± 2.020 $\chi^2/\text{NDF}: 354.6/7$

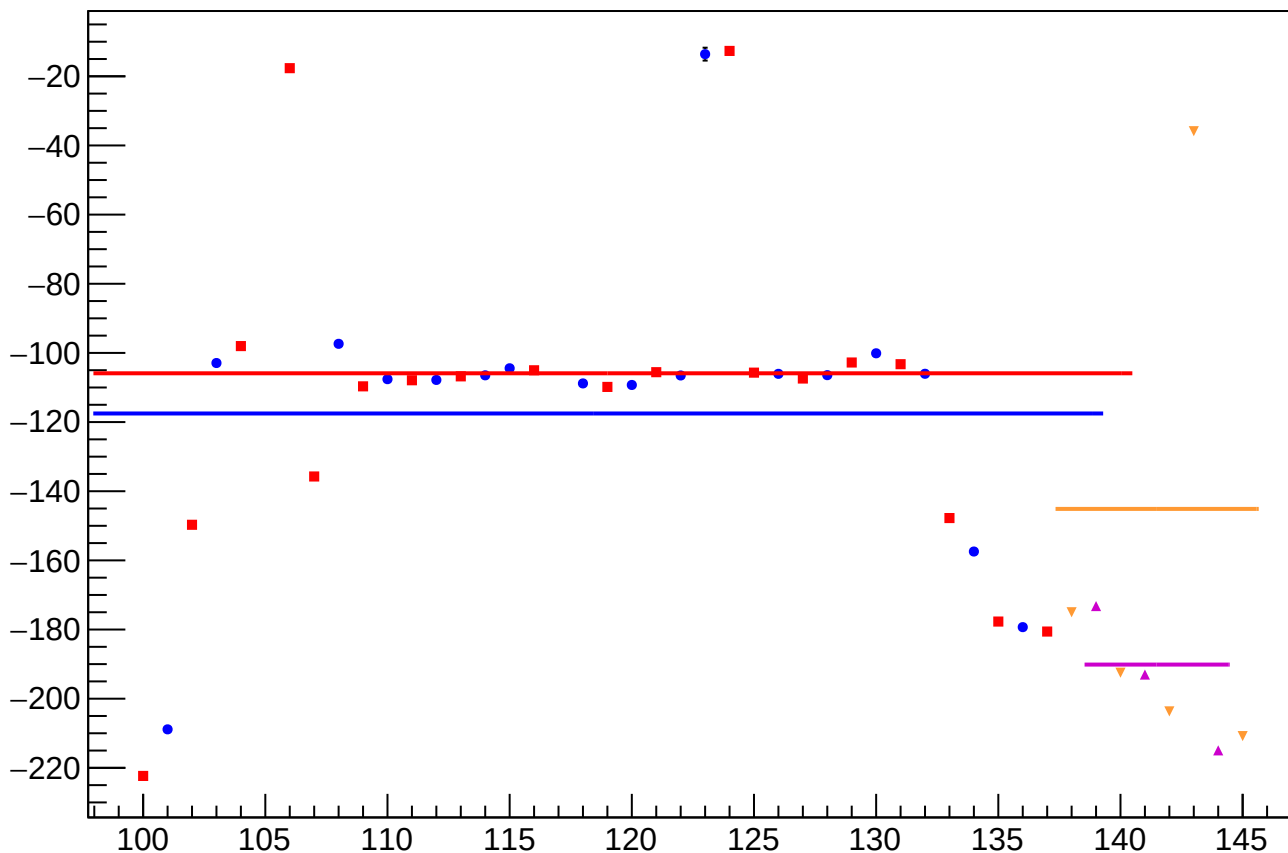
Right: 39.611 ± 0.881 $\chi^2/\text{NDF}: 1055.4/35$

In: 46.870 ± 1.181 $\chi^2/\text{NDF}: 722.4/19$

Out: 40.788 ± 1.107 $\chi^2/\text{NDF}: 803.7/23$

All: 43.632 ± 0.808 $\chi^2/\text{NDF}: 1540.3/43$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -145.113+/-0.116 χ^2/NDF : 398156.7/4

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

Left In: -190.136+/-0.148 χ^2/NDF : 12595.8/2

Left: -162.286+/-0.091 χ^2/NDF : 467950.0/7

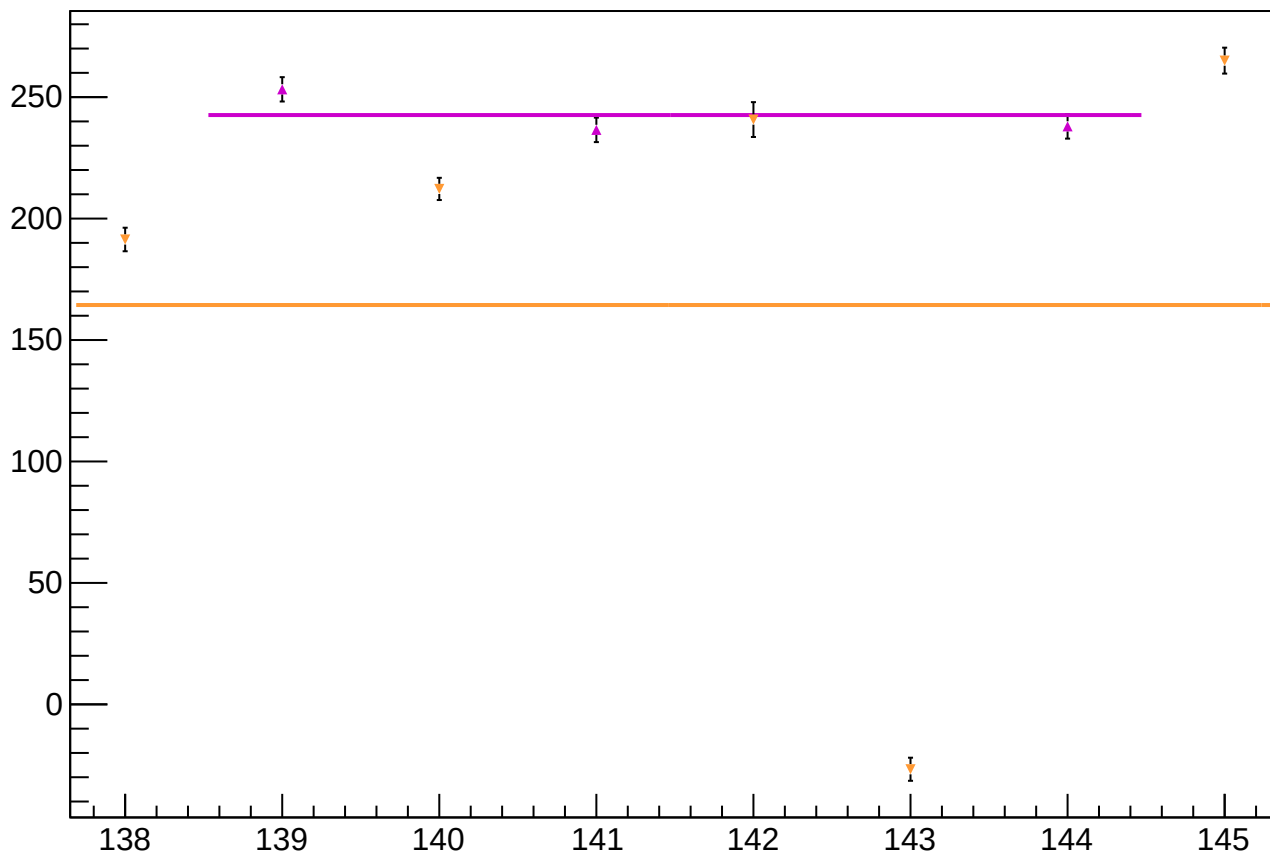
Right: -111.303+/-0.053 χ^2/NDF : 478188.8/35

In: -133.292+/-0.069 χ^2/NDF : 342916.7/19

Out: -116.938+/-0.062 χ^2/NDF : 804207.4/23

All: -124.204+/-0.046 χ^2/NDF : 1178333.8/43

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 164.411+/-2.299 χ^2/NDF :2225.1/4

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

Left In: 242.623+/-2.907 χ^2/NDF :6.8/2

Left: 194.495+/-1.803 χ^2/NDF : 2677.2/7

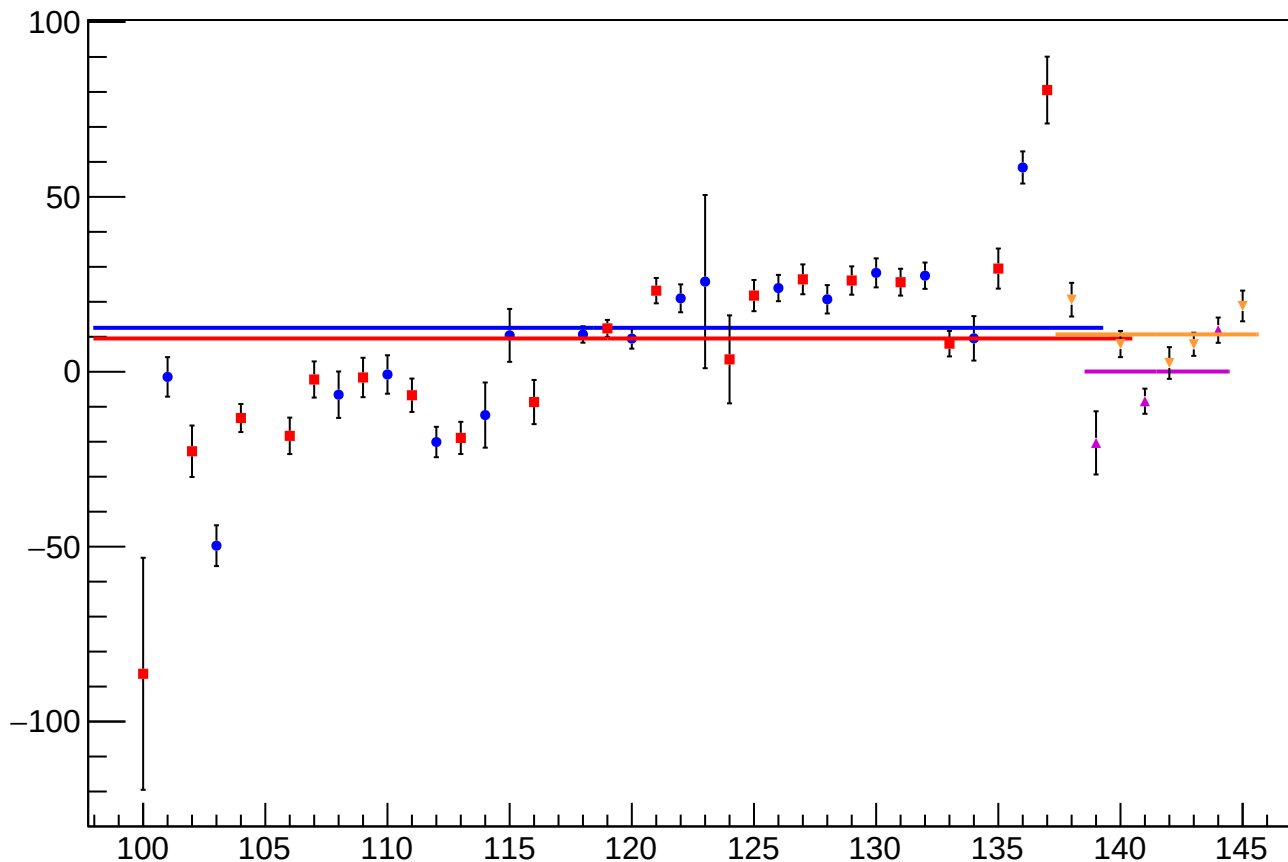
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 242.623+/-2.907 χ^2/NDF :6.8/2

Out: 164.411+/-2.299 χ^2/NDF :2225.1/4

All: 194.495+/-1.803 χ^2/NDF : 2677.2/7

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561 $\pm$ 1.056 χ^2 /NDF: 347.7/16

Left Out: 10.677 $\pm$ 1.806 χ^2 /NDF:12.2/4

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

Left In: 0.071 $\pm$ 2.450 χ^2 /NDF:21.4/2

Left: 6.944 $\pm$ 1.454 χ^2 /NDF: 45.8/7

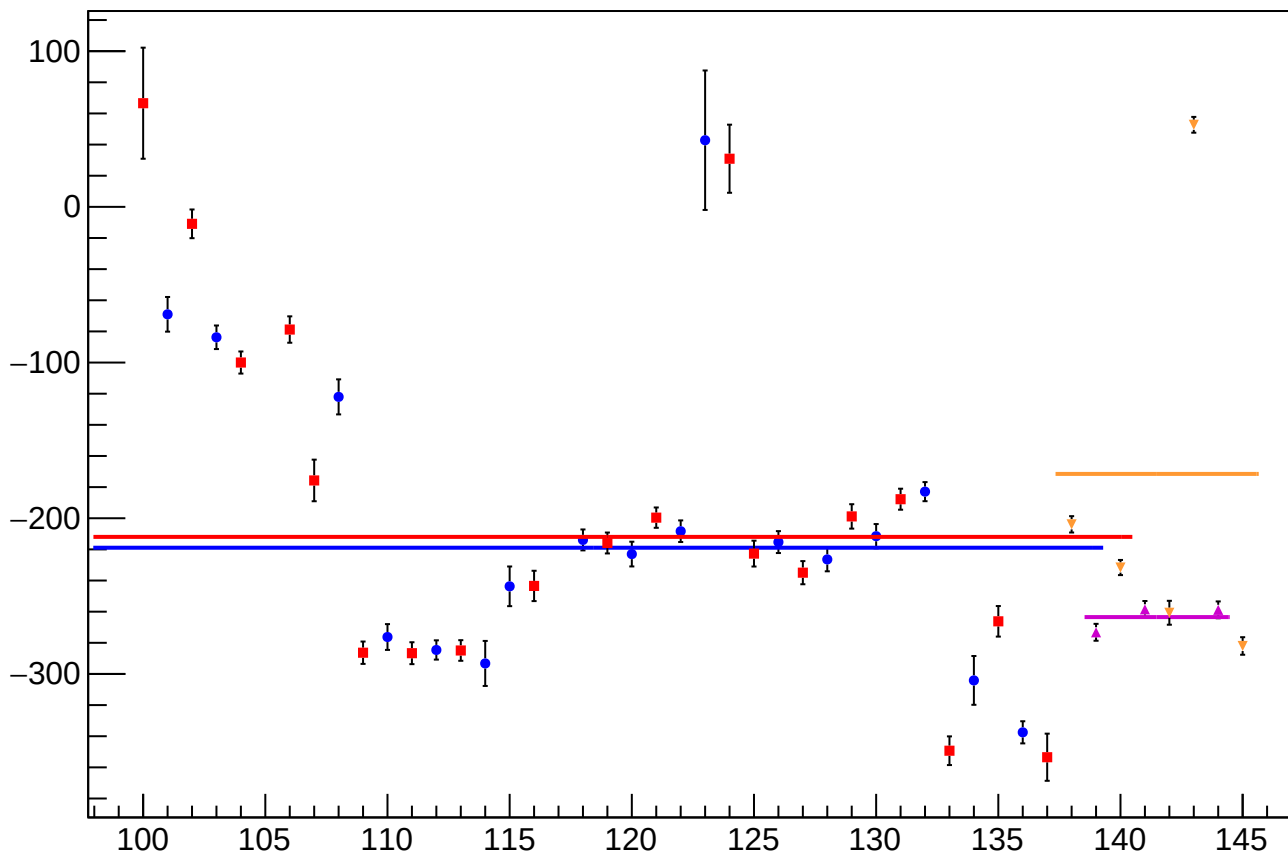
Right: 11.033 $\pm$ 0.745 χ^2 /NDF: 648.2/35

In: 10.606 $\pm$ 0.969 χ^2 /NDF:391.1/19

Out: 9.812 $\pm$ 0.908 χ^2 /NDF:308.8/23

All: 10.183 $\pm$ 0.663 χ^2 /NDF: 700.2/43

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925 ± 2.006 χ^2/NDF : 1146.6/16

Left Out: -171.523 ± 2.456 χ^2/NDF : 2661.9/4

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

Left In: -263.477 ± 3.117 χ^2/NDF : 4.8/2

Left: -206.754 ± 1.929 χ^2/NDF : 3203.7/7

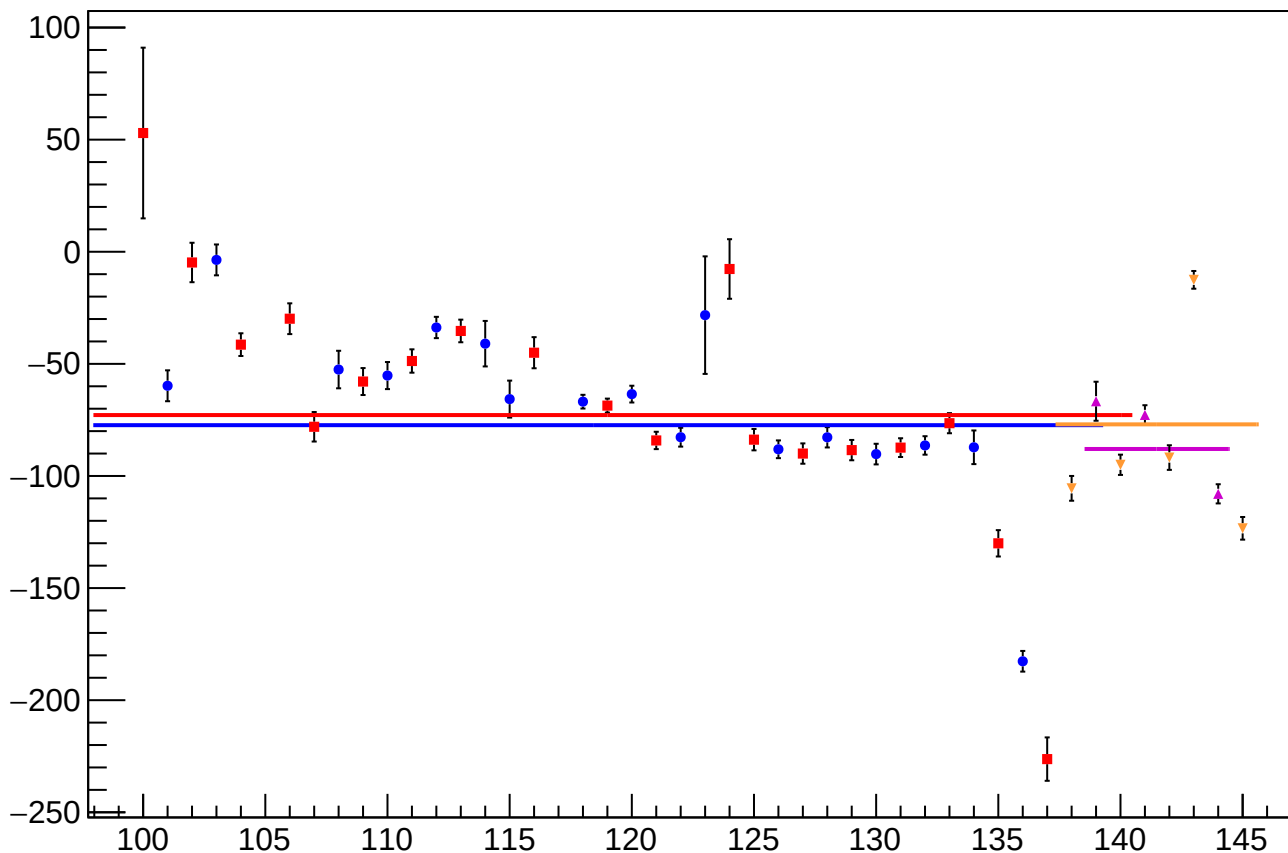
Right: -215.302 ± 1.389 χ^2/NDF : 3039.1/35

In: -231.975 ± 1.687 χ^2/NDF : 1295.9/19

Out: -196.585 ± 1.515 χ^2/NDF : 4716.1/23

All: -212.385 ± 1.127 χ^2/NDF : 6255.7/43

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -76.982 ± 2.141 χ^2/NDF : 400.2/4

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

Left In: -87.960 ± 2.871 χ^2/NDF : 40.2/2

Left: -80.906 ± 1.716 χ^2/NDF : 449.8/7

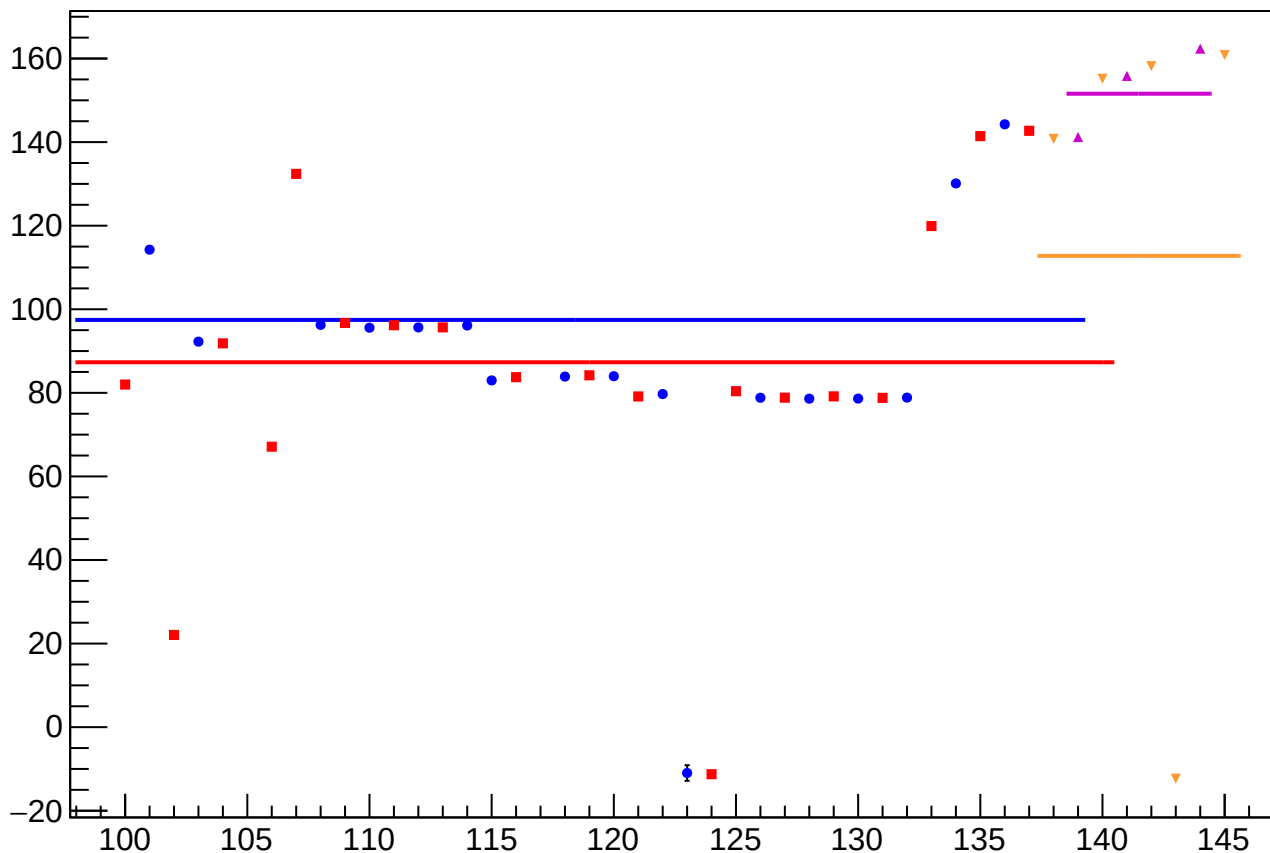
Right: -75.069 ± 0.858 χ^2/NDF : 1497.0/35

In: -78.965 ± 1.122 χ^2/NDF : 869.0/19

Out: -73.837 ± 1.052 χ^2/NDF : 1075.9/23

All: -76.237 ± 0.768 χ^2/NDF : 1956.0/43

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452+/-0.073 χ^2/NDF : 94476.4/16

Left Out: 112.775+/-0.100 χ^2/NDF : 505809.8/4

Right Out: 87.315+/-0.068 χ^2/NDF : 221837.7/18

Left In: 151.584+/-0.123 χ^2/NDF : 5406.3/2

Left: 128.261+/-0.077 χ^2/NDF : 571405.5/7

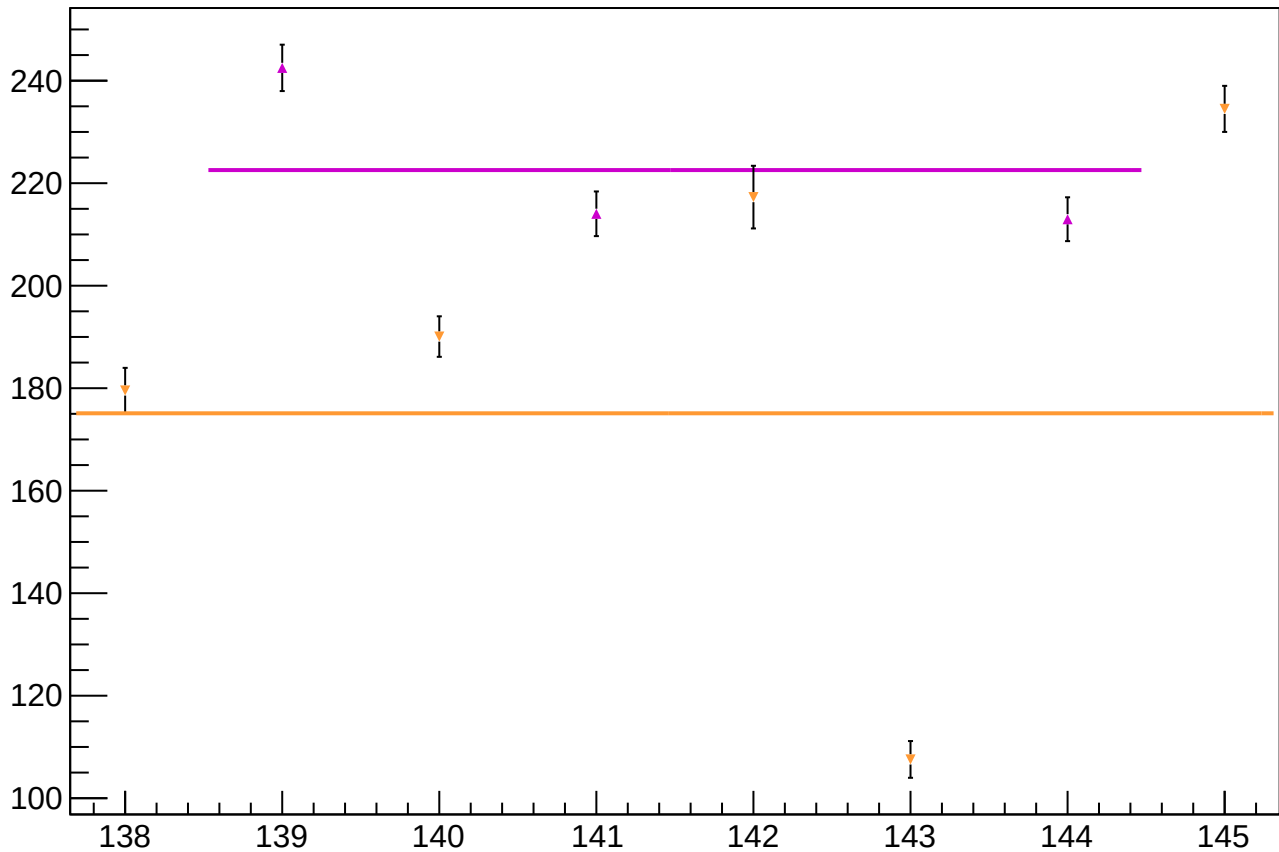
Right: 92.024+/-0.050 χ^2/NDF : 326563.7/35

In: 111.691+/-0.063 χ^2/NDF : 243483.5/19

Out: 95.413+/-0.056 χ^2/NDF : 771920.8/23

All: 102.662+/-0.042 χ^2/NDF : 1052562.0/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 175.103+/-1.927 χ^2/NDF :592.5/4

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

Left In: 222.561+/-2.531 χ^2/NDF :28.3/2

Left: 192.520+/-1.533 χ^2/NDF : 843.4/7

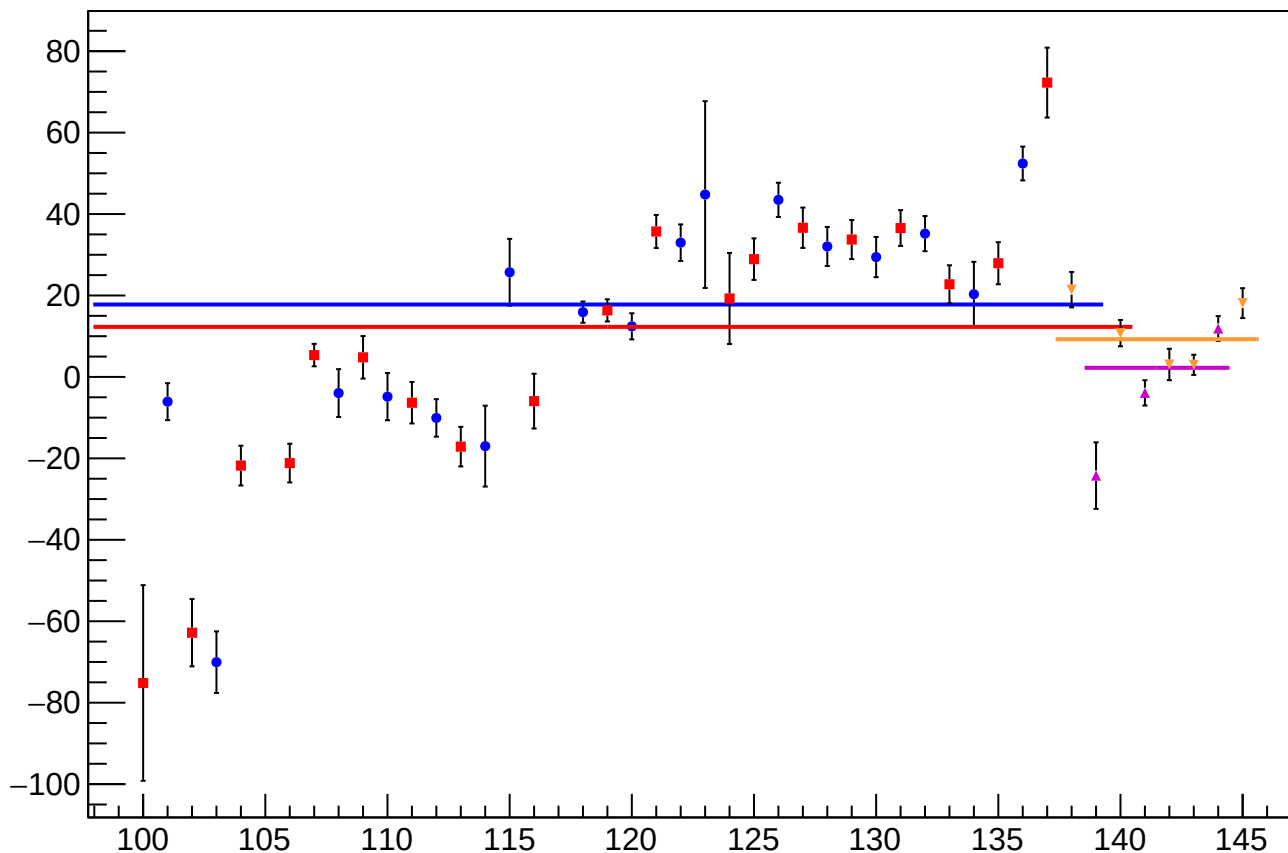
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 222.561+/-2.531 χ^2/NDF :28.3/2

Out: 175.103+/-1.927 χ^2/NDF :592.5/4

All: 192.520+/-1.533 χ^2/NDF : 843.4/7

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: 9.264 $\pm$ 1.486 χ^2 /NDF:22.9/4

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

Left In: 2.243 $\pm$ 2.103 χ^2 /NDF:24.4/2

Left: 6.926 $\pm$ 1.214 χ^2 /NDF: 54.8/7

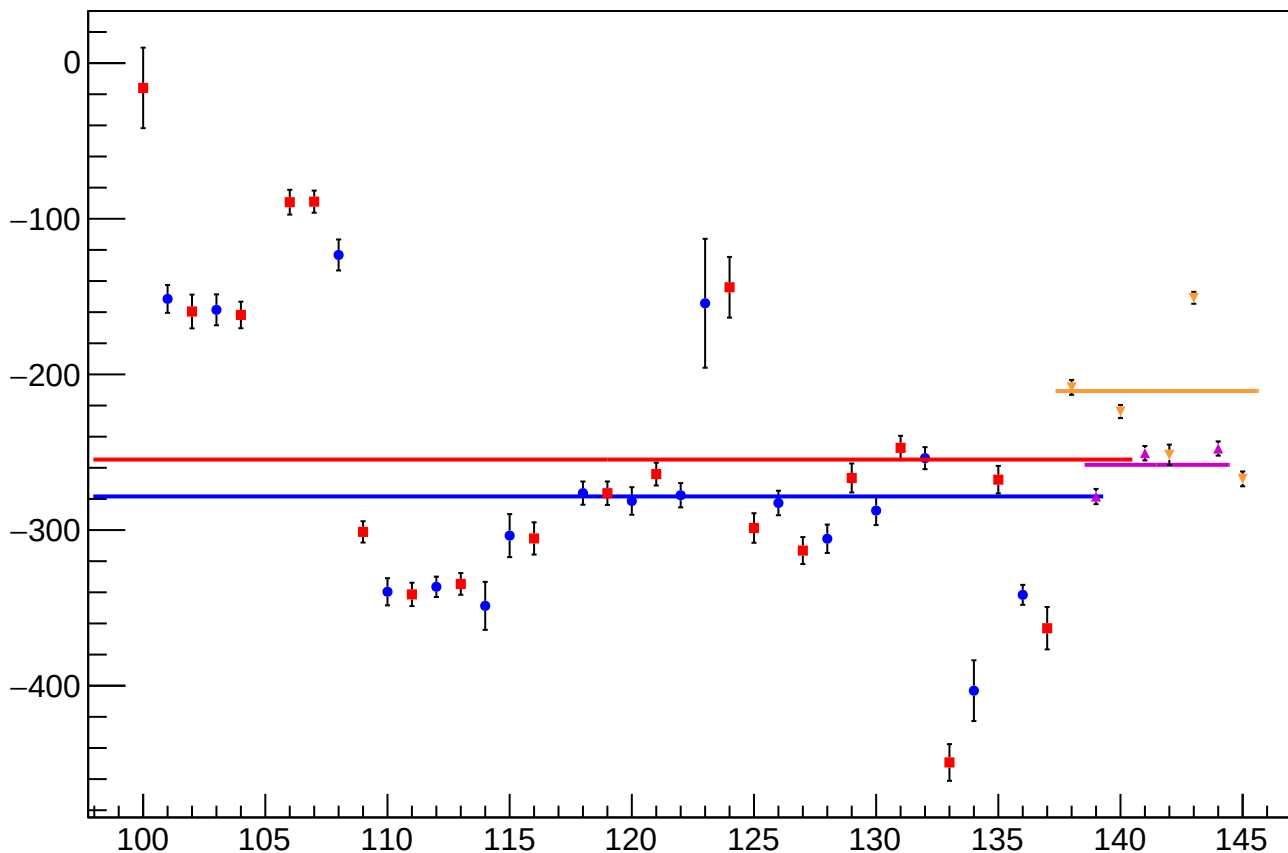
Right: 14.891 $\pm$ 0.788 χ^2 /NDF: 850.9/35

In: 14.226 $\pm$ 1.007 χ^2 /NDF:461.6/19

Out: 11.239 $\pm$ 0.877 χ^2 /NDF:469.4/23

All: 12.528 $\pm$ 0.661 χ^2 /NDF: 936.0/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393+/-2.168 χ^2/NDF : 910.5/16

Left Out: -210.662+/-2.059 χ^2/NDF :434.9/4

Right Out: -254.703+/-2.020 χ^2/NDF : 2038.5/18

Left In: -258.086+/-2.712 χ^2/NDF :25.2/2

Left: -228.004+/-1.640 χ^2/NDF : 654.0/7

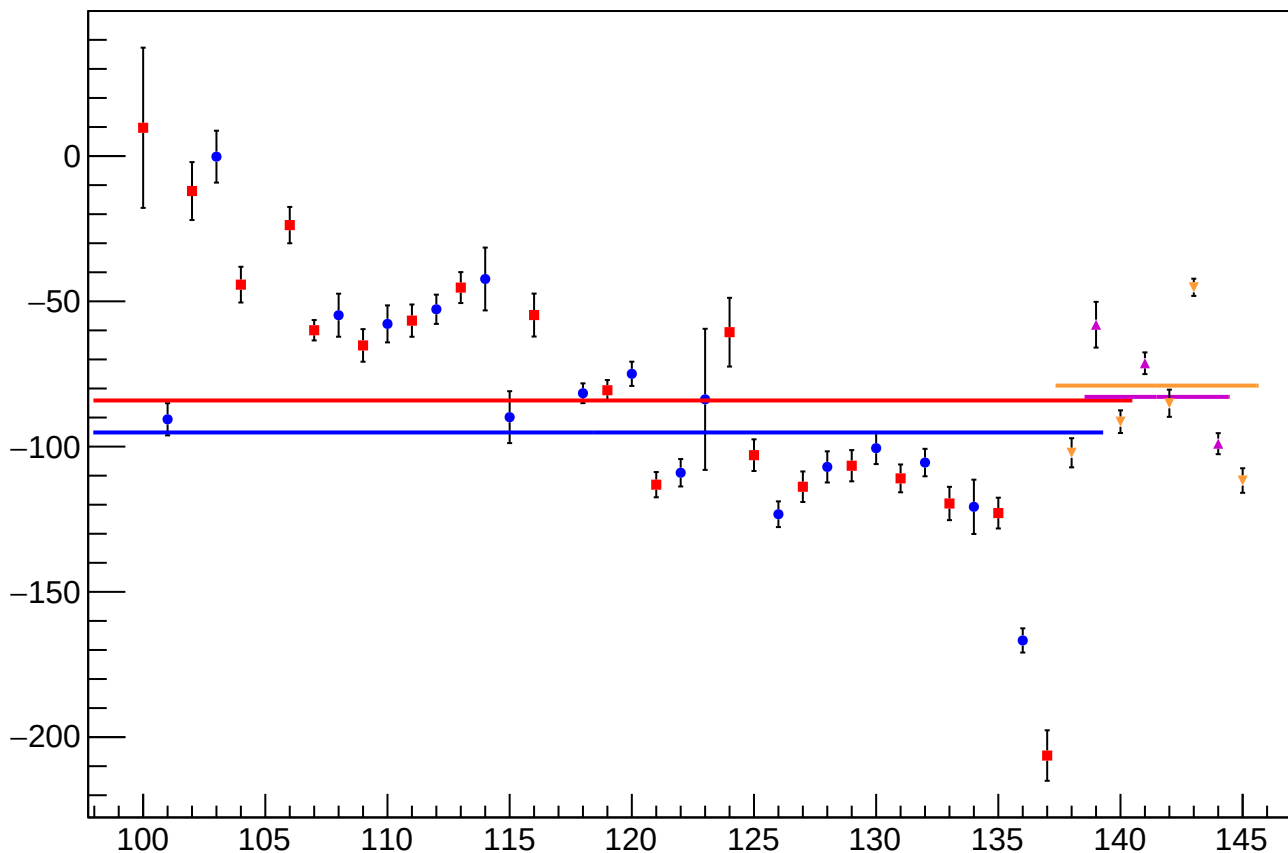
Right: -265.715+/-1.478 χ^2/NDF : 3013.0/35

In: -270.477+/-1.693 χ^2/NDF :969.9/19

Out: -233.104+/-1.442 χ^2/NDF :2706.5/23

All: -248.815+/-1.098 χ^2/NDF : 3958.8/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -79.012 ± 1.766 χ^2/NDF : 222.9/4

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

Left In: -82.891 ± 2.469 χ^2/NDF : 39.4/2

Left: -80.325 ± 1.436 χ^2/NDF : 263.9/7

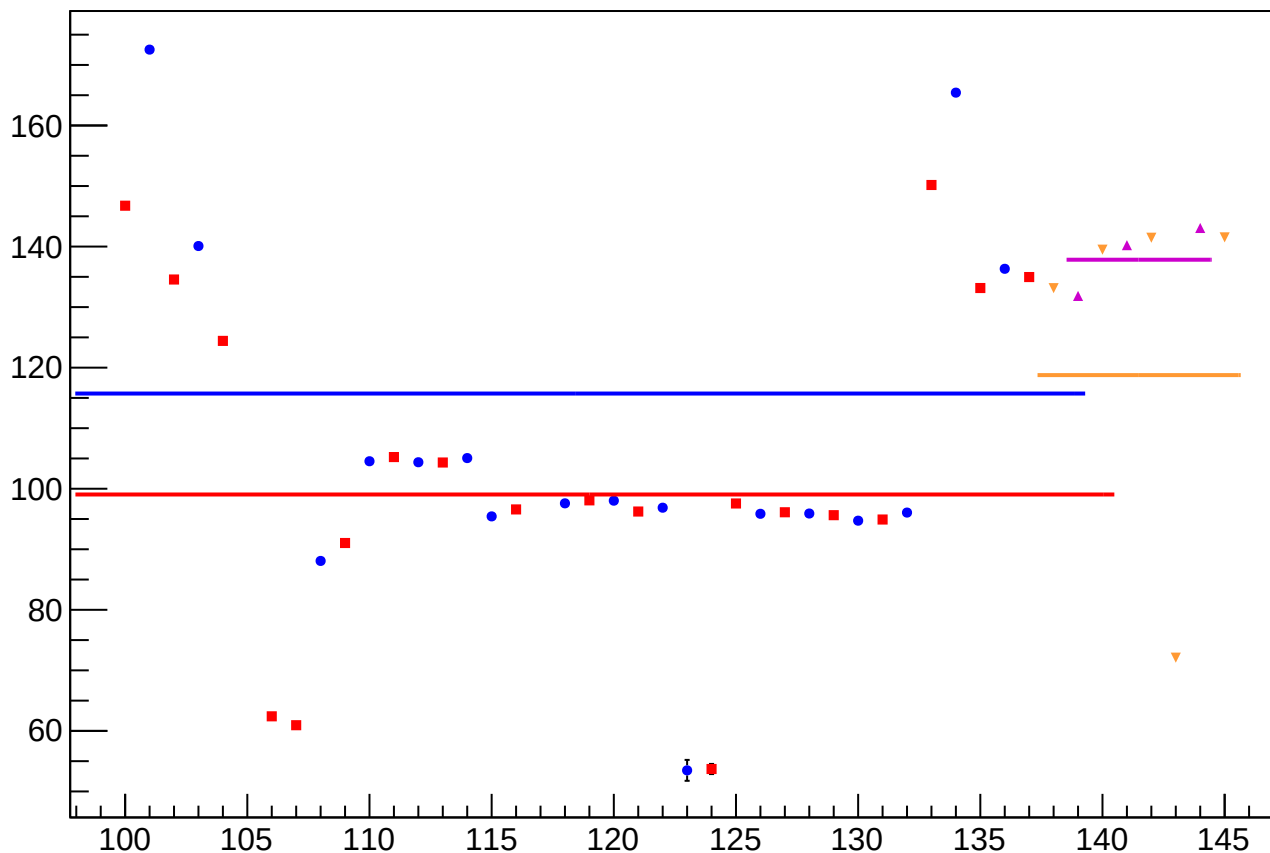
Right: -89.357 ± 0.912 χ^2/NDF : 1494.2/35

In: -92.405 ± 1.166 χ^2/NDF : 733.4/19

Out: -82.402 ± 1.025 χ^2/NDF : 1011.3/23

All: -86.763 ± 0.770 χ^2/NDF : 1786.3/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF : 106388.1/16

Left Out: 118.769+/-0.084 χ^2/NDF :133133.3/4

Right Out: 99.049+/-0.069 χ^2/NDF : 173463.3/18

Left In: 137.827+/-0.107 χ^2/NDF :2048.0/2

Left: 125.983+/-0.066 χ^2/NDF : 154779.9/7

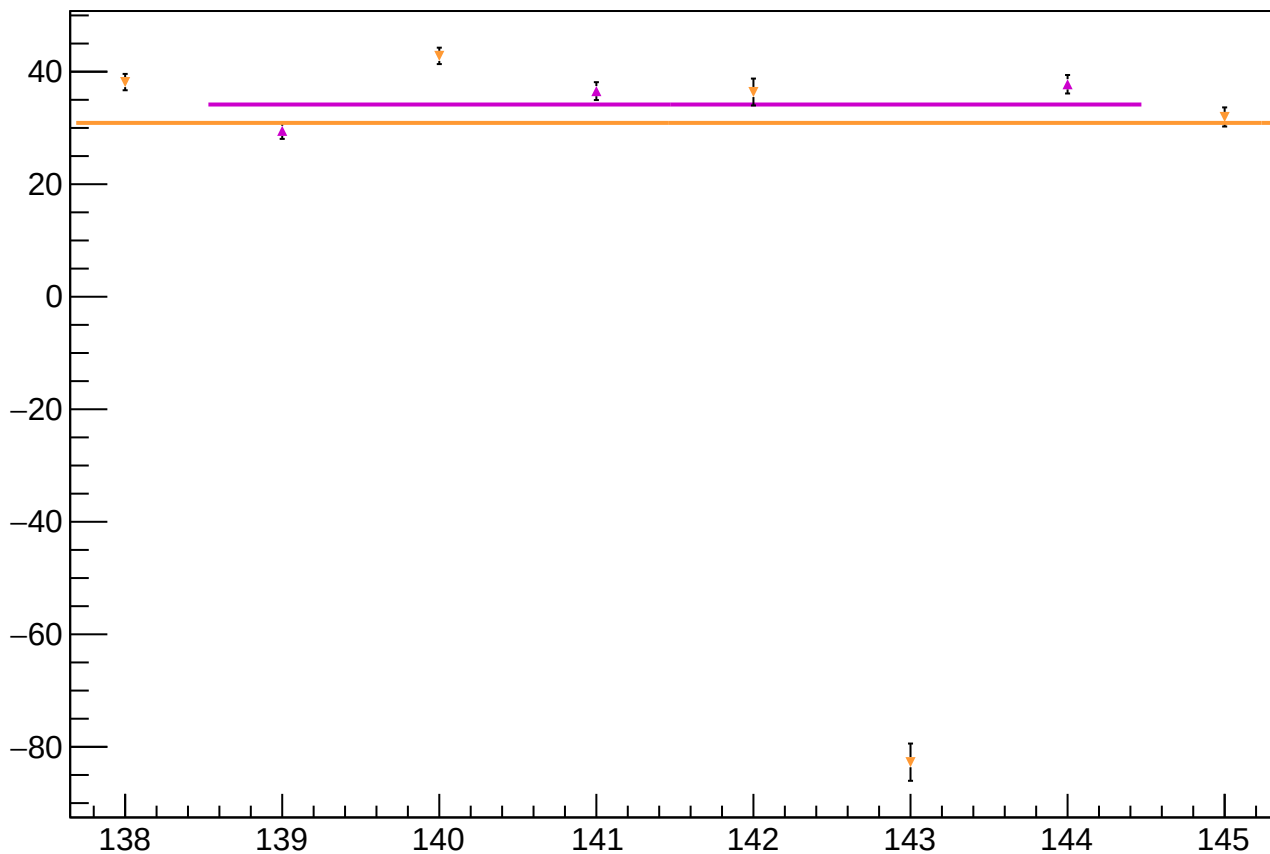
Right: 106.312+/-0.051 χ^2/NDF : 305658.4/35

In: 123.361+/-0.063 χ^2/NDF :136198.7/19

Out: 106.954+/-0.053 χ^2/NDF :339814.3/23

All: 113.747+/-0.041 χ^2/NDF : 515651.6/43

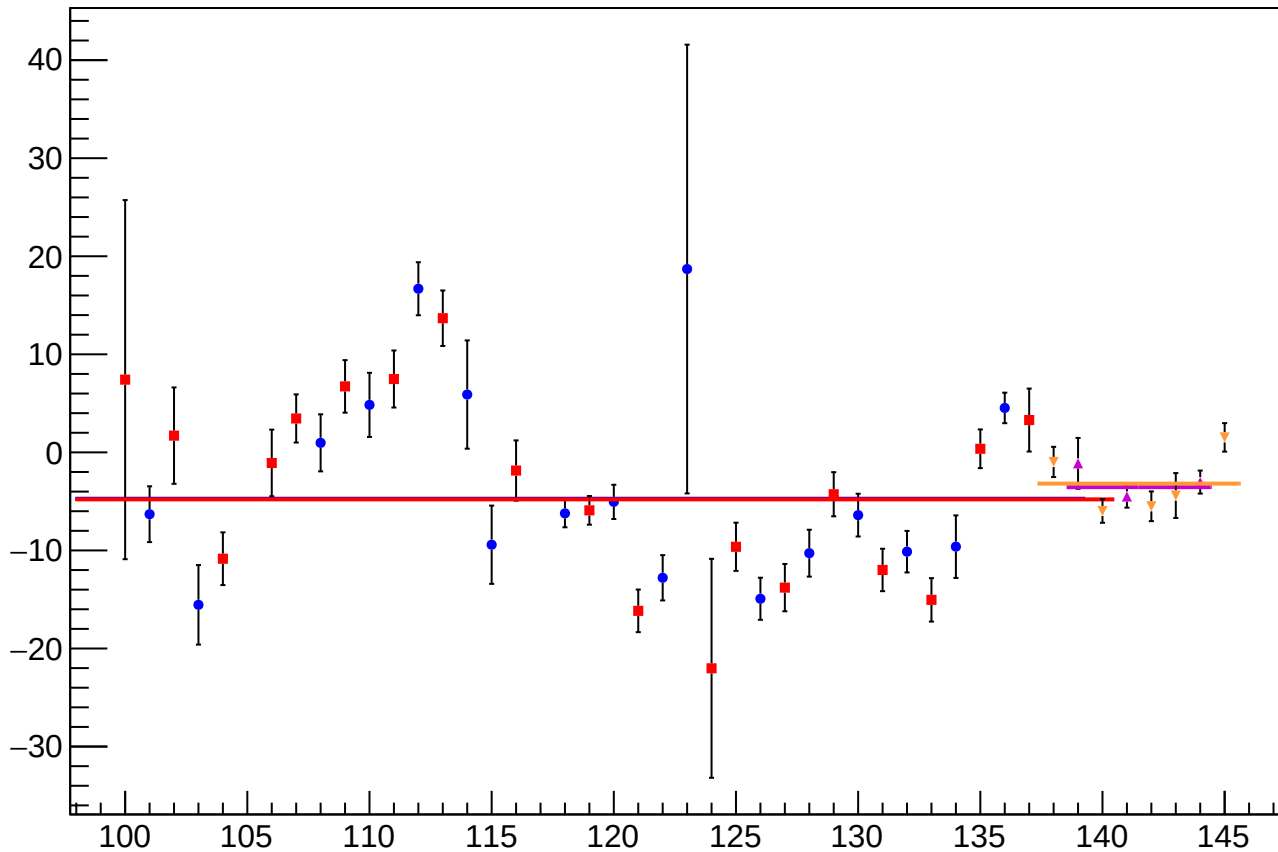
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 30.897+/-0.801 χ^2/NDF :1275.2/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 34.165+/-0.893 χ^2/NDF :17.7/2

Left: 32.355+/-0.596 χ^2/NDF : 1300.4/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 34.165+/-0.893 χ^2/NDF :17.7/2
 Out: 30.897+/-0.801 χ^2/NDF :1275.2/4
 All: 32.355+/-0.596 χ^2/NDF : 1300.4/7

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -3.185 ± 0.673 χ^2/NDF : 20.6/4

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

Left In: -3.545 ± 0.779 χ^2/NDF : 1.8/2

Left: -3.339 ± 0.509 χ^2/NDF : 22.5/7

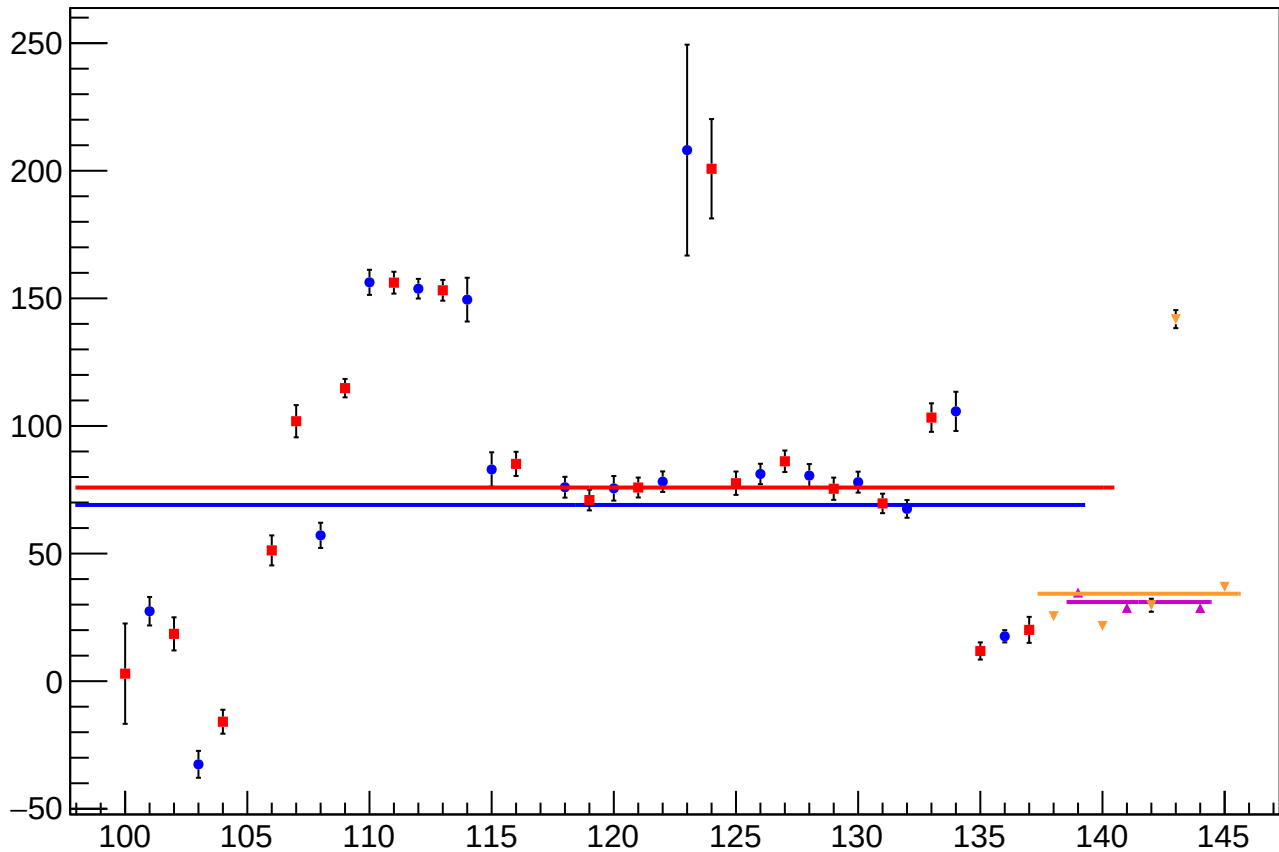
Right: -4.761 ± 0.412 χ^2/NDF : 368.3/35

In: -4.308 ± 0.465 χ^2/NDF : 178.1/19

Out: -4.100 ± 0.442 χ^2/NDF : 217.3/23

All: -4.198 ± 0.320 χ^2/NDF : 395.5/43

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 34.265 $\pm$ 0.855 χ^2 /NDF:1030.0/4

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

Left In: 31.008 $\pm$ 0.957 χ^2 /NDF:9.4/2

Left: 32.820 $\pm$ 0.638 χ^2 /NDF: 1045.8/7

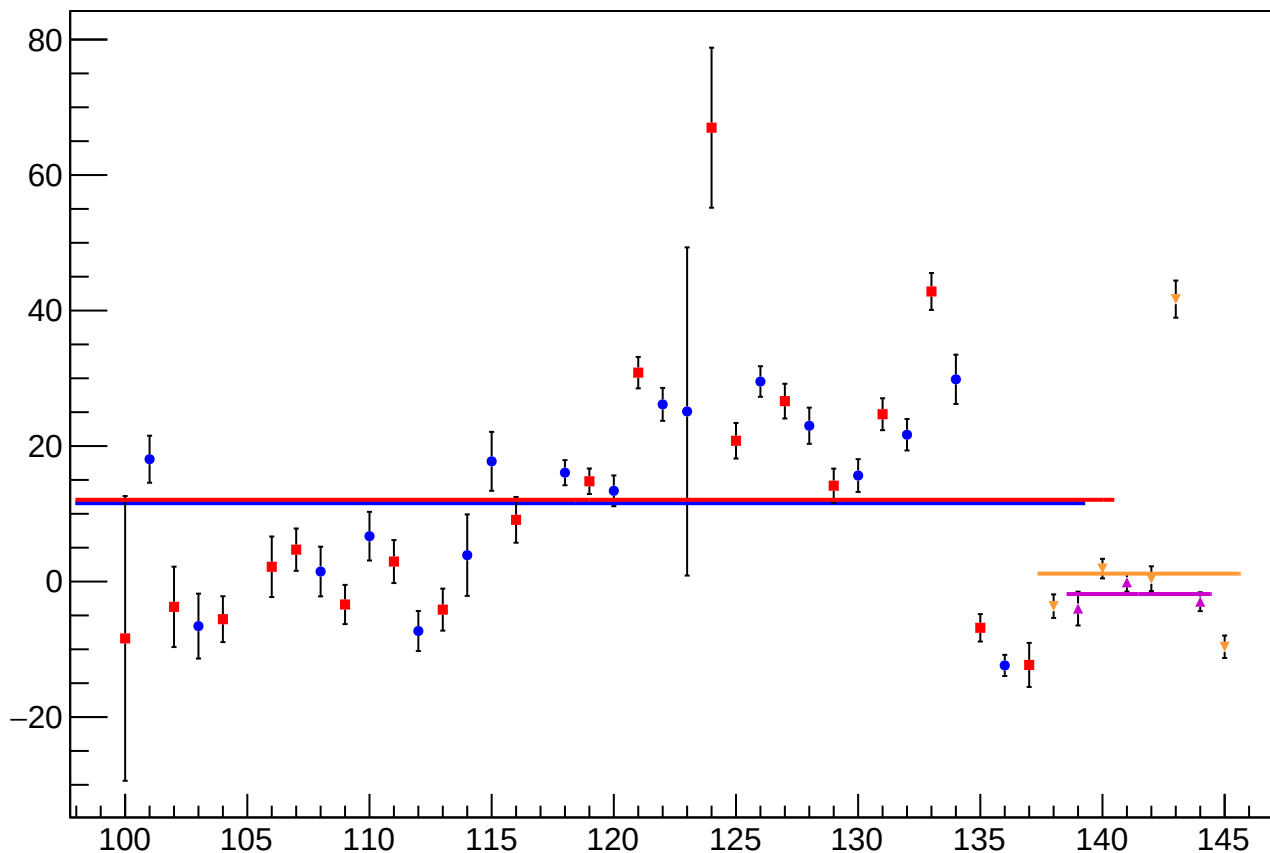
Right: 72.486 $\pm$ 0.759 χ^2 /NDF: 3763.1/35

In: 47.804 $\pm$ 0.715 χ^2 /NDF:2554.4/19

Out: 50.487 $\pm$ 0.668 χ^2 /NDF:3848.8/23

All: 49.238 $\pm$ 0.488 χ^2 /NDF: 6410.7/43

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565+/-0.658 χ^2/NDF : 478.2/16

Left Out: 1.170+/-0.789 χ^2/NDF : 268.7/4

Right Out: 12.071+/-0.665 χ^2/NDF : 543.3/18

Left In: -1.840+/-0.907 χ^2/NDF : 3.0/2

Left: -0.127+/-0.595 χ^2/NDF : 277.9/7

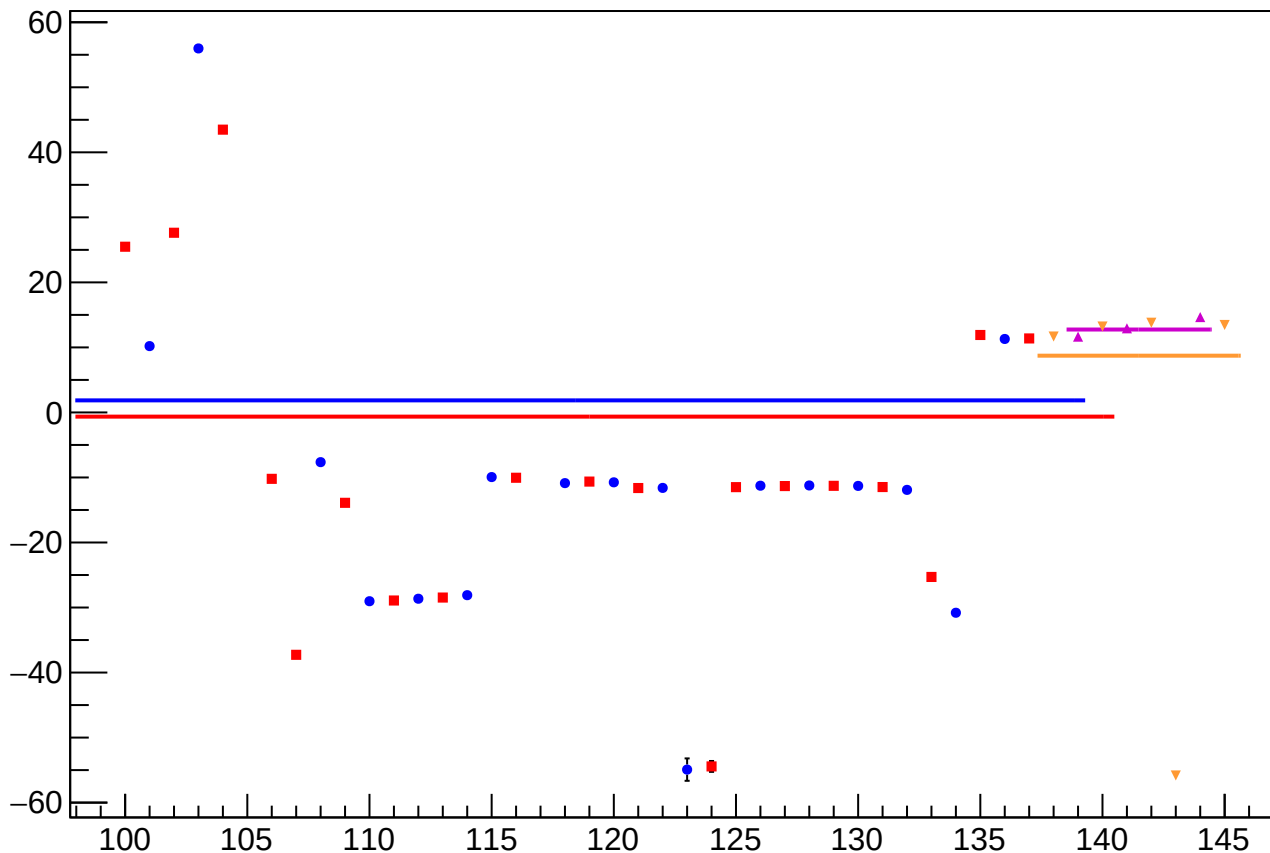
Right: 11.816+/-0.468 χ^2/NDF : 1021.8/35

In: 6.941+/-0.533 χ^2/NDF : 624.3/19

Out: 7.550+/-0.508 χ^2/NDF : 923.6/23

All: 7.260+/-0.368 χ^2/NDF : 1548.6/43

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855 $\pm$ 0.037 χ^2 /NDF: 359414.1/16

Left Out: 8.728 $\pm$ 0.035 χ^2 /NDF:221684.5/4

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361625.7/18

Left In: 12.750 $\pm$ 0.037 χ^2 /NDF:1028.0/2

Left: 10.588 $\pm$ 0.025 χ^2 /NDF: 228970.1/7

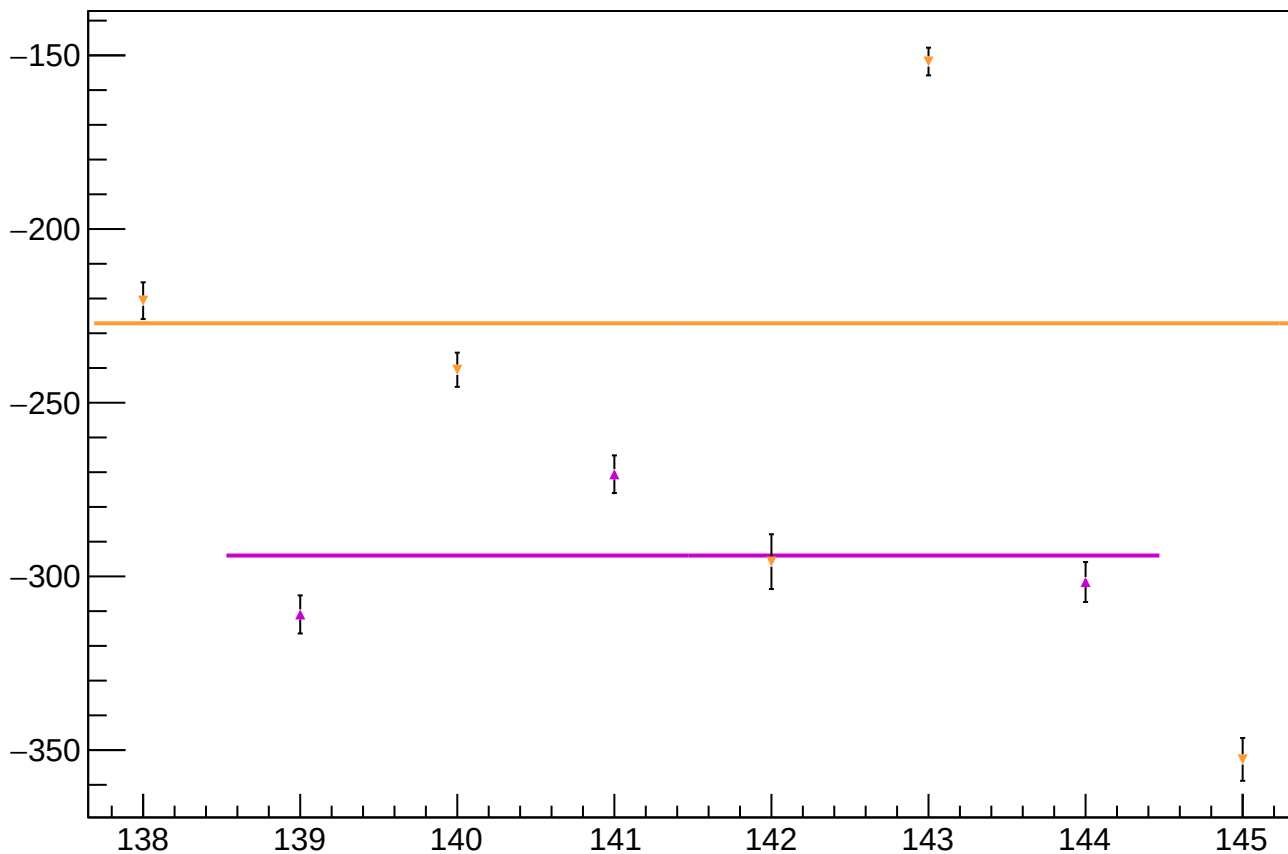
Right: 0.608 $\pm$ 0.026 χ^2 /NDF: 723318.4/35

In: 7.262 $\pm$ 0.026 χ^2 /NDF:403472.5/19

Out: 4.364 $\pm$ 0.025 χ^2 /NDF:617501.5/23

All: 5.758 $\pm$ 0.018 χ^2 /NDF: 1027291.4/43

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -227.137+/-2.342 χ^2/NDF :857.3/4

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

Left In: -293.987+/-3.203 χ^2/NDF :29.9/2

Left: -250.432+/-1.891 χ^2/NDF : 1171.1/7

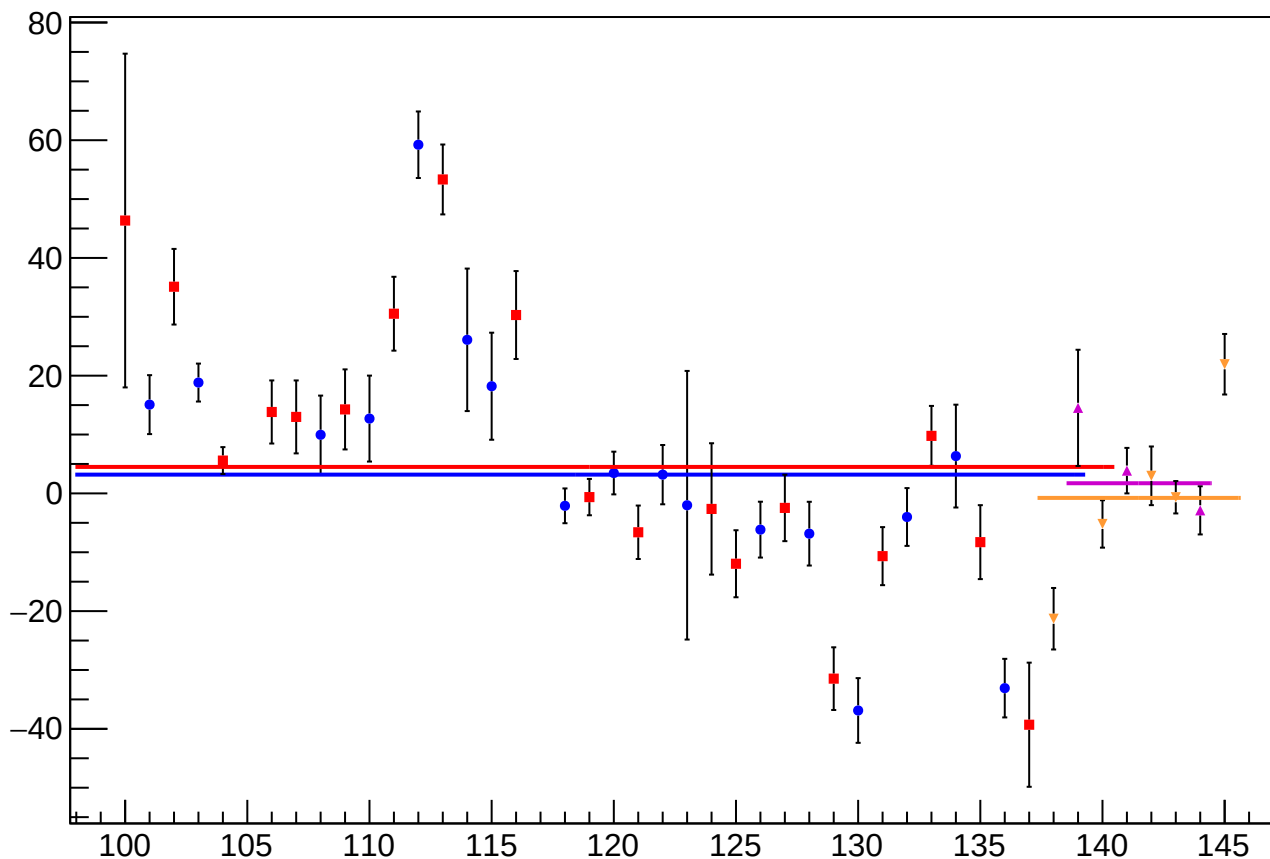
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -293.987+/-3.203 χ^2/NDF :29.9/2

Out: -227.137+/-2.342 χ^2/NDF :857.3/4

All: -250.432+/-1.891 χ^2/NDF : 1171.1/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188+/-1.225 χ^2/NDF : 255.6/16

Left Out: -0.766+/-1.801 χ^2/NDF : 36.7/4

Right Out: 4.497+/-1.160 χ^2/NDF : 225.4/18

Left In: 1.725+/-2.702 χ^2/NDF : 3.3/2

Left: 0.000+/-1.499 χ^2/NDF : 40.5/7

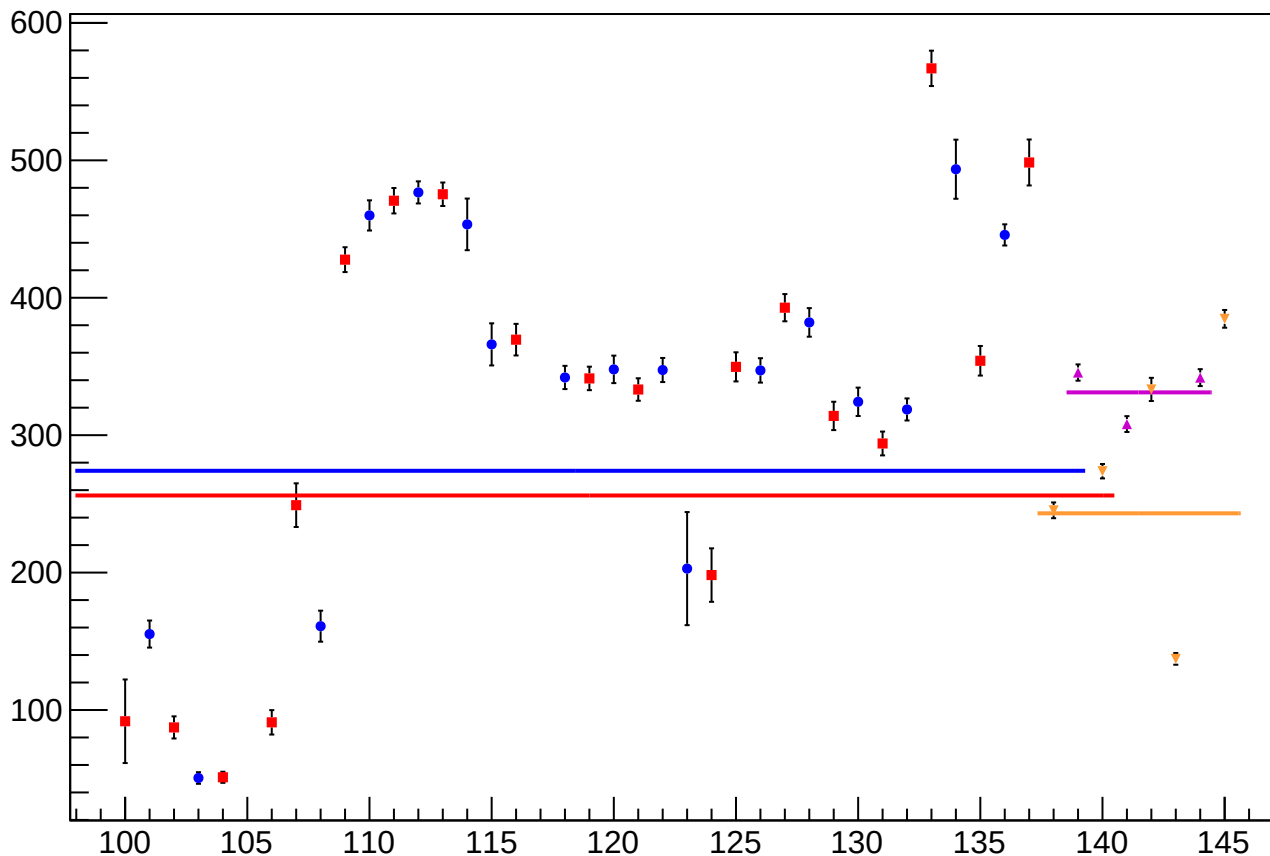
Right: 3.879+/-0.842 χ^2/NDF : 481.7/35

In: 2.939+/-1.116 χ^2/NDF : 259.1/19

Out: 2.955+/-0.975 χ^2/NDF : 268.2/23

All: 2.948+/-0.734 χ^2/NDF : 527.3/43

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 274.079+/-2.191 χ^2/NDF : 5112.0/16

Left Out: 243.125+/-2.500 χ^2/NDF :1247.7/4

Right Out: 256.109+/-2.080 χ^2/NDF : 6444.1/18

Left In: 331.138+/-3.433 χ^2/NDF :24.9/2

Left: 273.631+/-2.021 χ^2/NDF : 1702.1/7

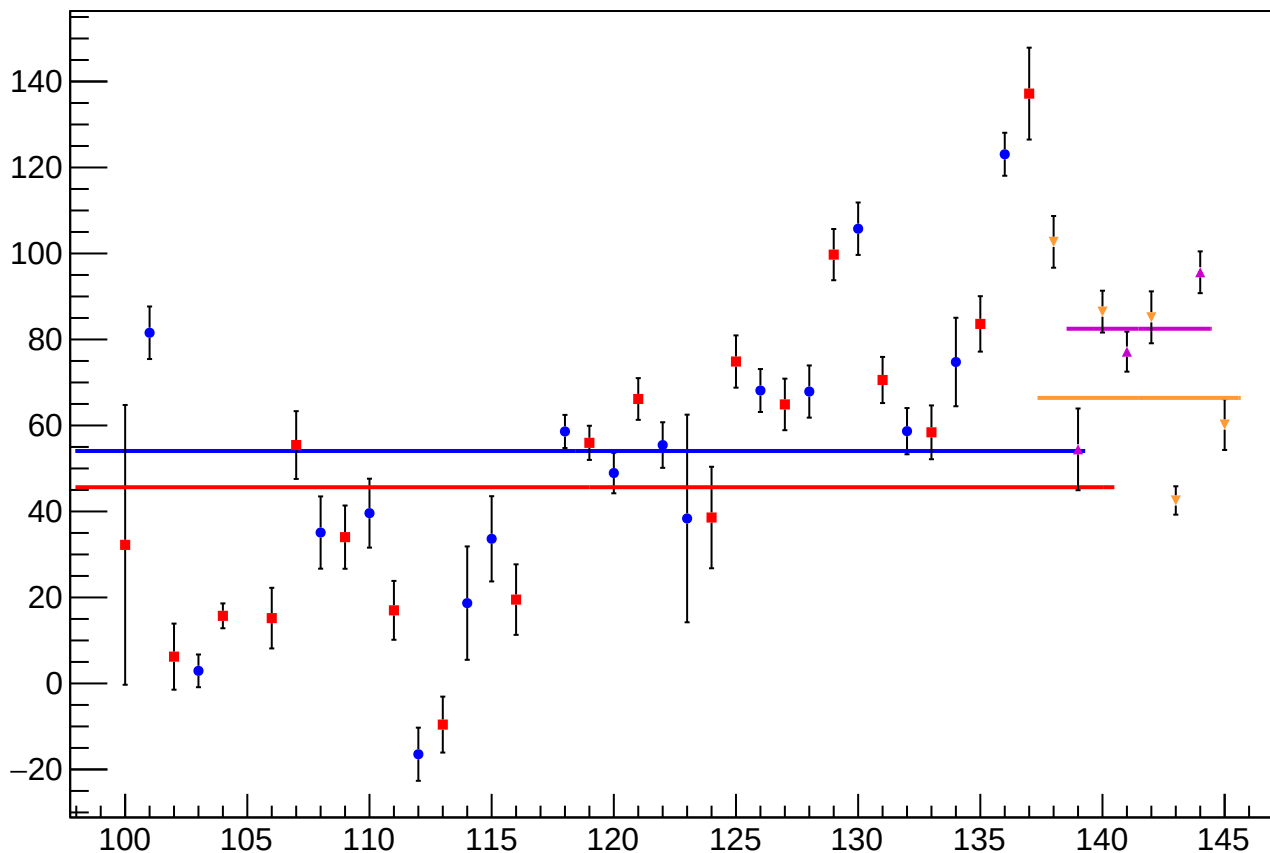
Right: 264.628+/-1.509 χ^2/NDF : 11591.4/35

In: 290.594+/-1.847 χ^2/NDF :5333.2/19

Out: 250.798+/-1.599 χ^2/NDF :7707.7/23

All: 267.849+/-1.209 χ^2/NDF : 13306.3/43

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: 66.411 $\pm$ 2.143 χ^2 /NDF:116.4/4

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

Left In: 82.494 $\pm$ 3.168 χ^2 /NDF:17.3/2

Left: 71.459 $\pm$ 1.775 χ^2 /NDF: 151.4/7

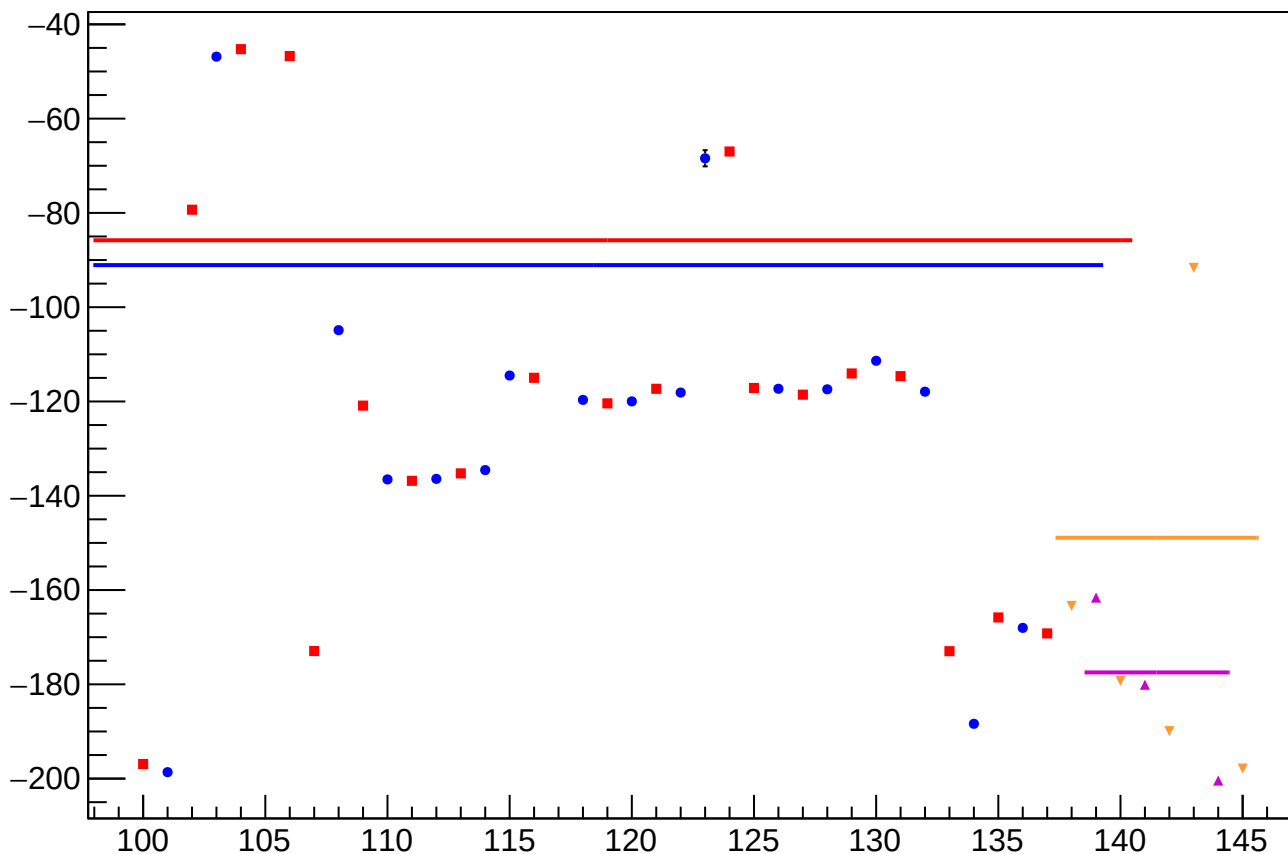
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 58.823 $\pm$ 1.296 χ^2 /NDF:718.8/19

Out: 51.596 $\pm$ 1.148 χ^2 /NDF:714.2/23

All: 54.772 $\pm$ 0.859 χ^2 /NDF: 1450.4/43

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074 $\pm$ 0.068 χ^2 /NDF: 534647.5/16

Left Out: -148.910 $\pm$ 0.102 χ^2 /NDF:185344.3/4

Right Out: -85.803 $\pm$ 0.065 χ^2 /NDF: 495895.1/18

Left In: -177.475 $\pm$ 0.135 χ^2 /NDF:13143.6/2

Left: -159.270 $\pm$ 0.081 χ^2 /NDF: 227069.7/7

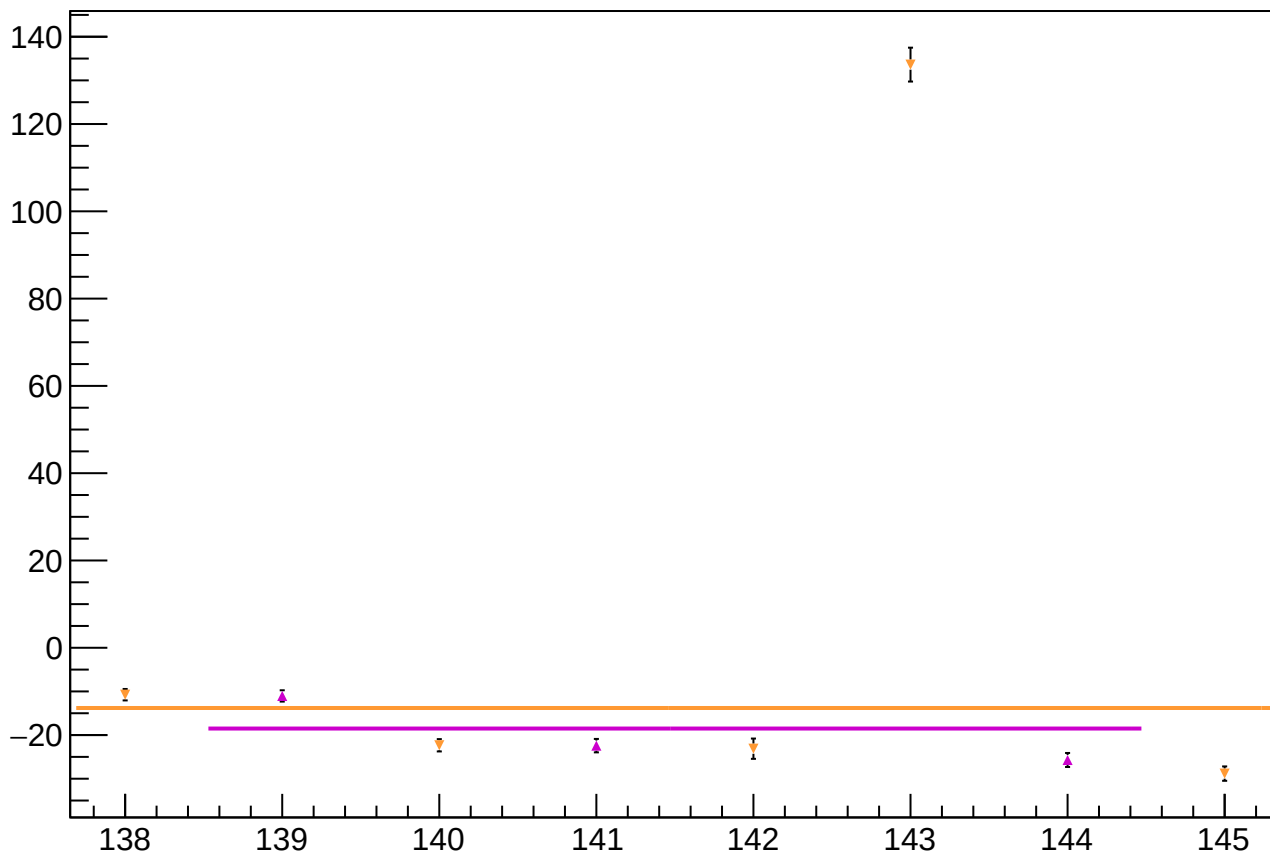
Right: -88.339 $\pm$ 0.047 χ^2 /NDF: 1033703.0/35

In: -108.389 $\pm$ 0.060 χ^2 /NDF:875860.6/19

Out: -104.106 $\pm$ 0.055 χ^2 /NDF:954281.6/23

All: -106.041 $\pm$ 0.041 χ^2 /NDF: 1832900.6/43

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.797+/-0.766 χ^2/NDF :1584.0/4

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

Left In: -18.506+/-0.844 χ^2/NDF :59.8/2

Left: -15.924+/-0.567 χ^2/NDF : 1660.8/7

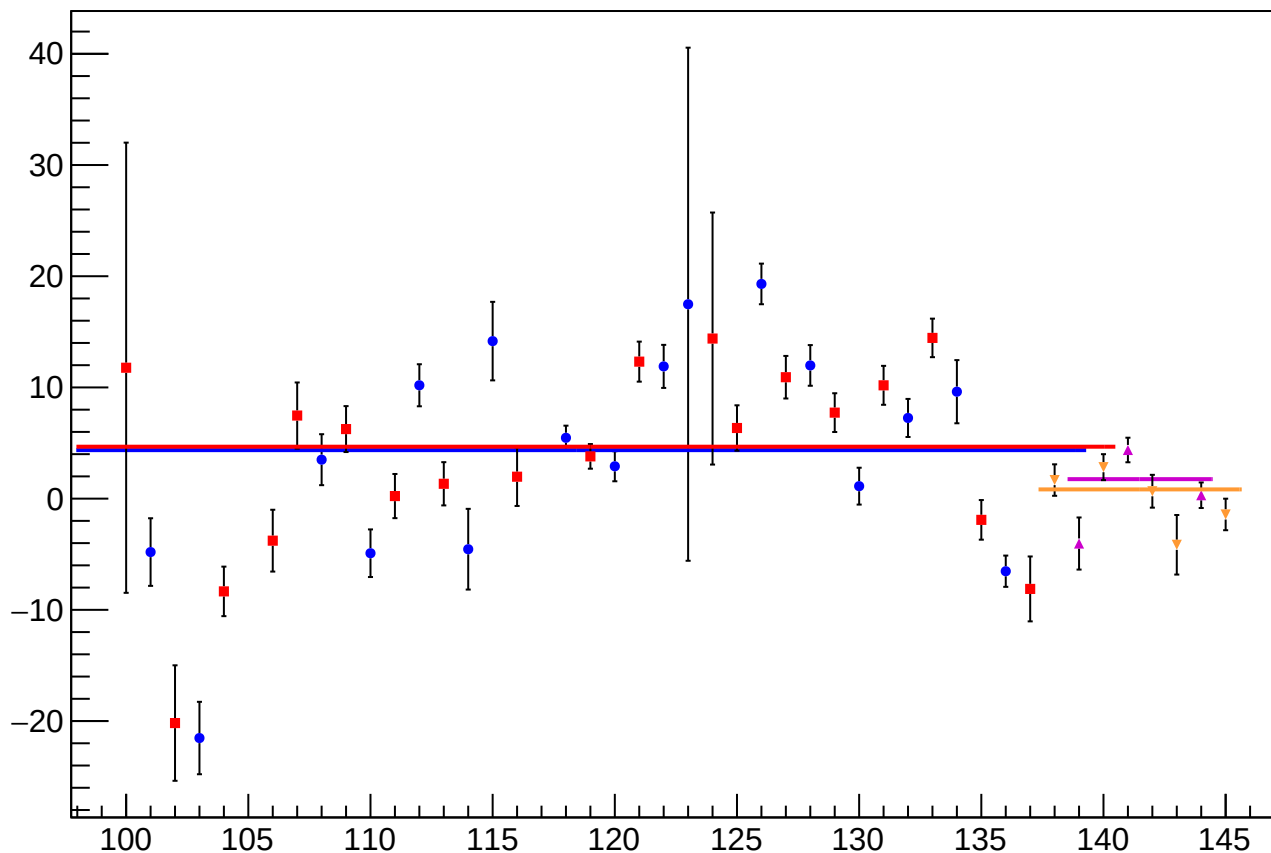
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.506+/-0.844 χ^2/NDF :59.8/2

Out: -13.797+/-0.766 χ^2/NDF :1584.0/4

All: -15.924+/-0.567 χ^2/NDF : 1660.8/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 $\pm$ 0.464 χ^2 /NDF: 286.5/16

Left Out: 0.830 $\pm$ 0.655 χ^2 /NDF:9.3/4

Right Out: 4.670 $\pm$ 0.474 χ^2 /NDF: 185.4/18

Left In: 1.753 $\pm$ 0.754 χ^2 /NDF:13.3/2

Left: 1.227 $\pm$ 0.495 χ^2 /NDF: 23.5/7

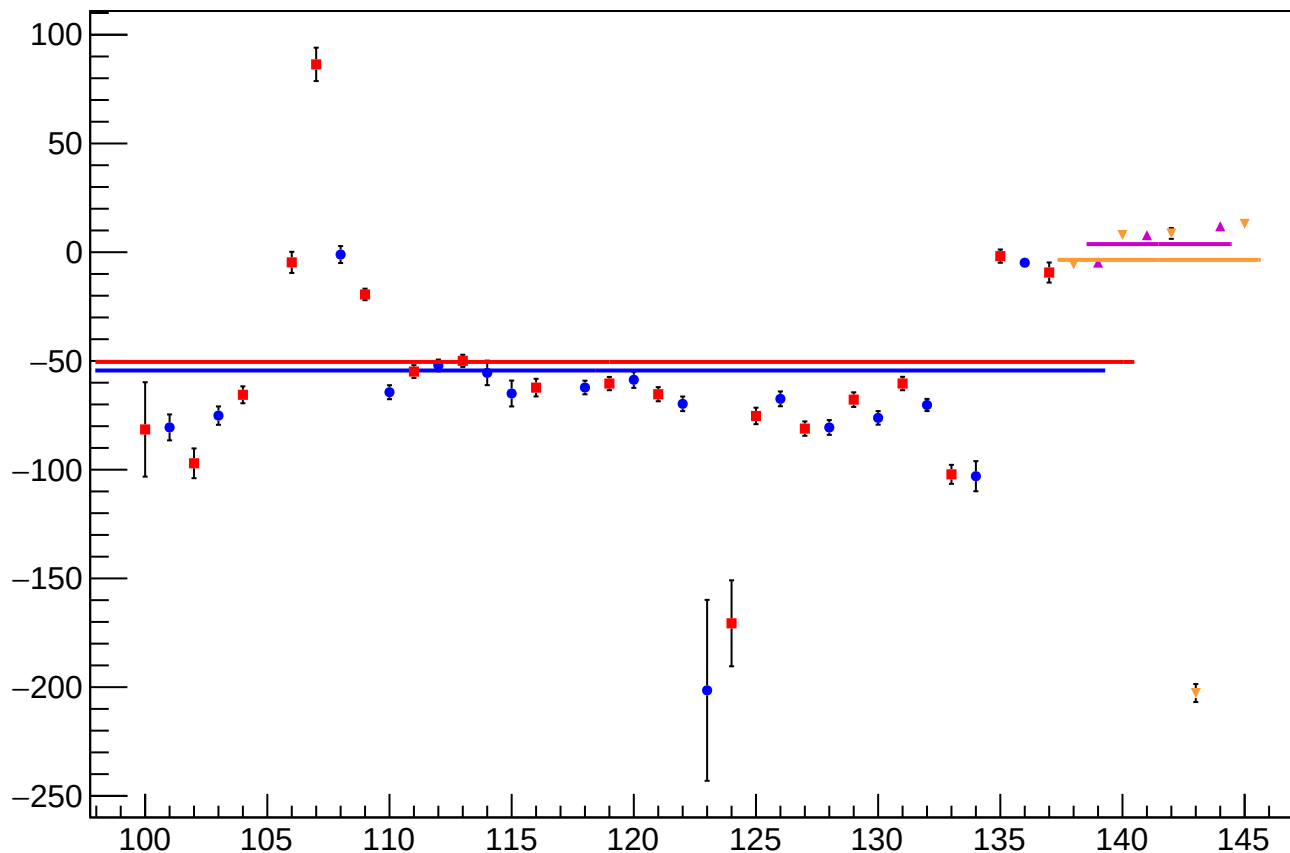
Right: 4.512 $\pm$ 0.332 χ^2 /NDF: 472.1/35

In: 3.644 $\pm$ 0.395 χ^2 /NDF:308.5/19

Out: 3.350 $\pm$ 0.384 χ^2 /NDF:217.2/23

All: 3.493 $\pm$ 0.276 χ^2 /NDF: 526.0/43

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -3.510 ± 0.818 $\chi^2/\text{NDF}: 2489.2/4$

Right Out: -50.441 ± 0.857 $\chi^2/\text{NDF}: 1324.7/18$

Left In: 3.736 ± 0.906 $\chi^2/\text{NDF}: 65.9/2$

Left: -0.255 ± 0.607 $\chi^2/\text{NDF}: 2590.3/7$

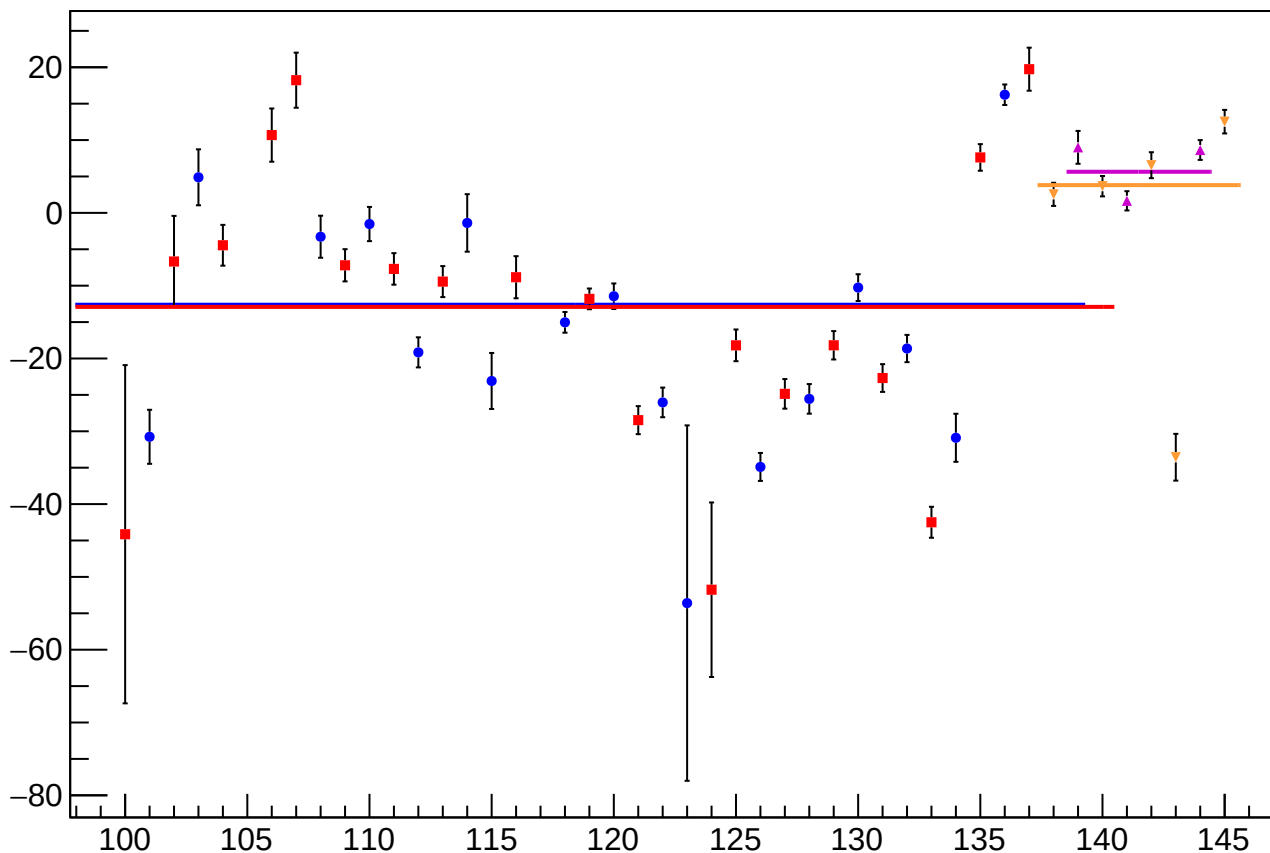
Right: -52.405 ± 0.608 $\chi^2/\text{NDF}: 2348.7/35$

In: -26.748 ± 0.625 $\chi^2/\text{NDF}: 3239.3/19$

Out: -25.868 ± 0.592 $\chi^2/\text{NDF}: 5382.7/23$

All: -26.284 ± 0.430 $\chi^2/\text{NDF}: 8623.1/43$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 3.812 ± 0.767 χ^2/NDF : 167.5/4

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

Left In: 5.646 ± 0.875 χ^2/NDF : 16.1/2

Left: 4.609 ± 0.577 χ^2/NDF : 186.1/7

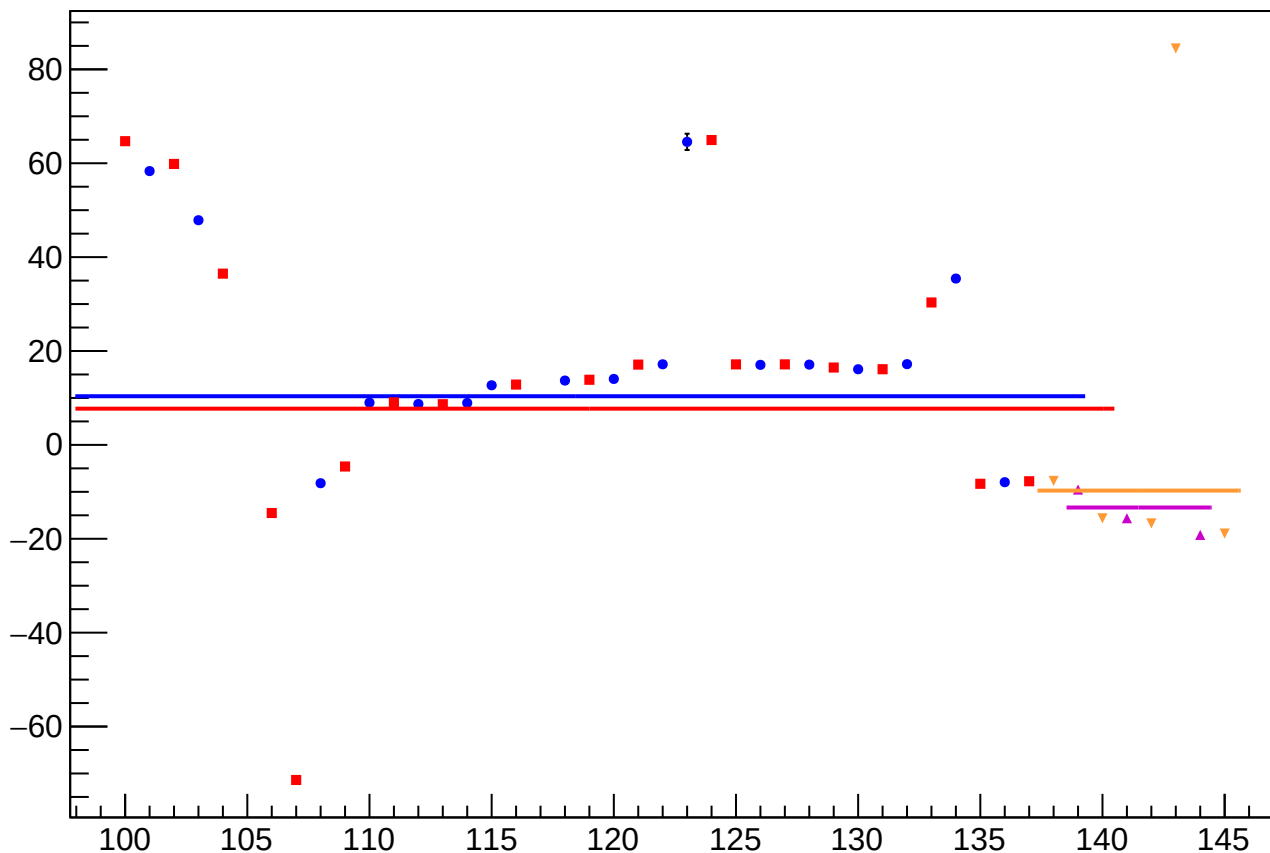
Right: -12.762 ± 0.378 χ^2/NDF : 1518.6/35

In: -7.709 ± 0.453 χ^2/NDF : 1123.2/19

Out: -7.391 ± 0.440 χ^2/NDF : 1216.5/23

All: -7.546 ± 0.316 χ^2/NDF : 2339.9/43

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: -9.736 $\pm$ 0.033 χ^2 /NDF:354314.0/4

Right Out: 7.719 $\pm$ 0.031 χ^2 /NDF: 545085.7/18

Left In: -13.340 $\pm$ 0.035 χ^2 /NDF:13206.6/2

Left: -11.431 $\pm$ 0.024 χ^2 /NDF: 373129.1/7

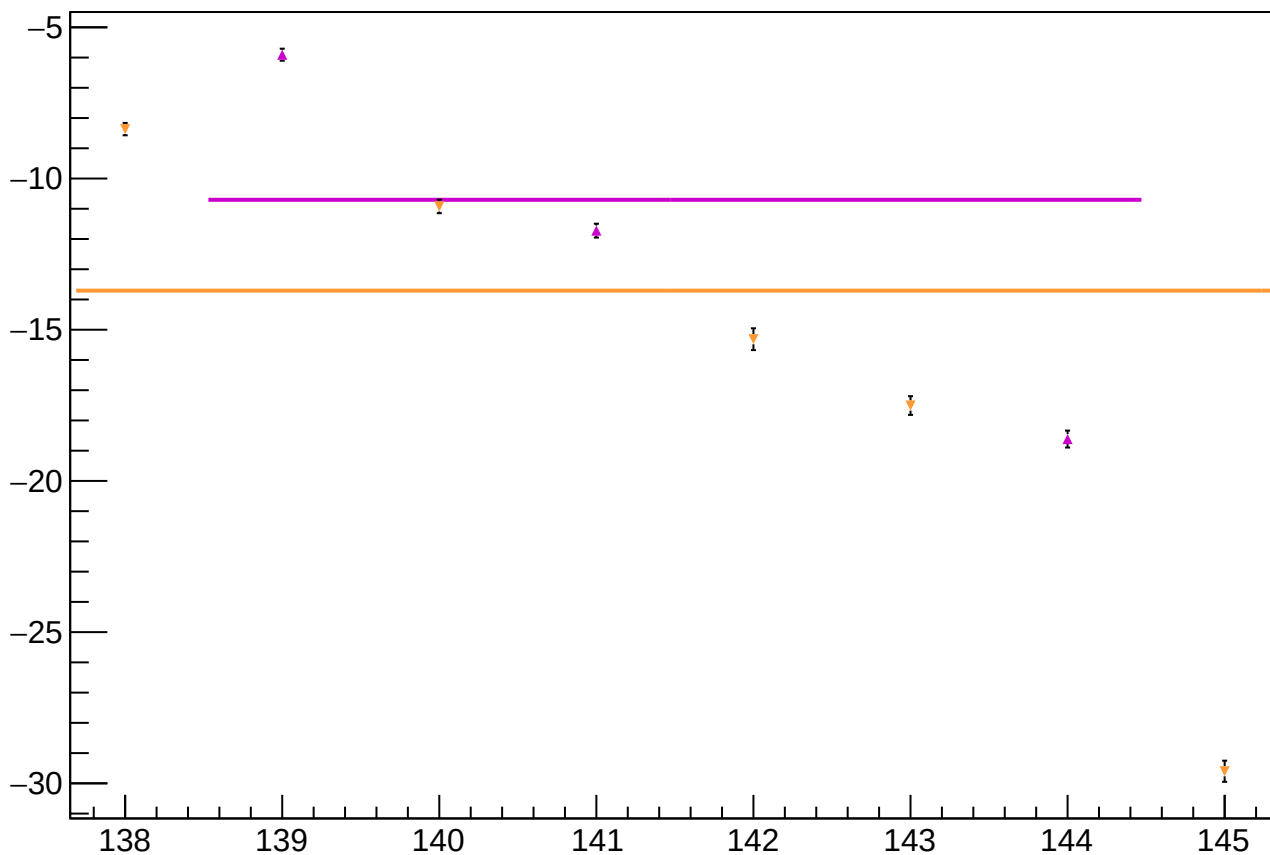
Right: 9.073 $\pm$ 0.022 χ^2 /NDF: 929756.2/35

In: 0.129 $\pm$ 0.023 χ^2 /NDF:654455.2/19

Out: -0.535 $\pm$ 0.023 χ^2 /NDF:1046893.2/23

All: -0.208 $\pm$ 0.016 χ^2 /NDF: 1701770.7/43

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.707+/-0.120 χ^2/NDF :3075.5/4

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

Left In: -10.703+/-0.132 χ^2/NDF :1396.7/2

Left: -12.359+/-0.089 χ^2/NDF : 4755.5/7

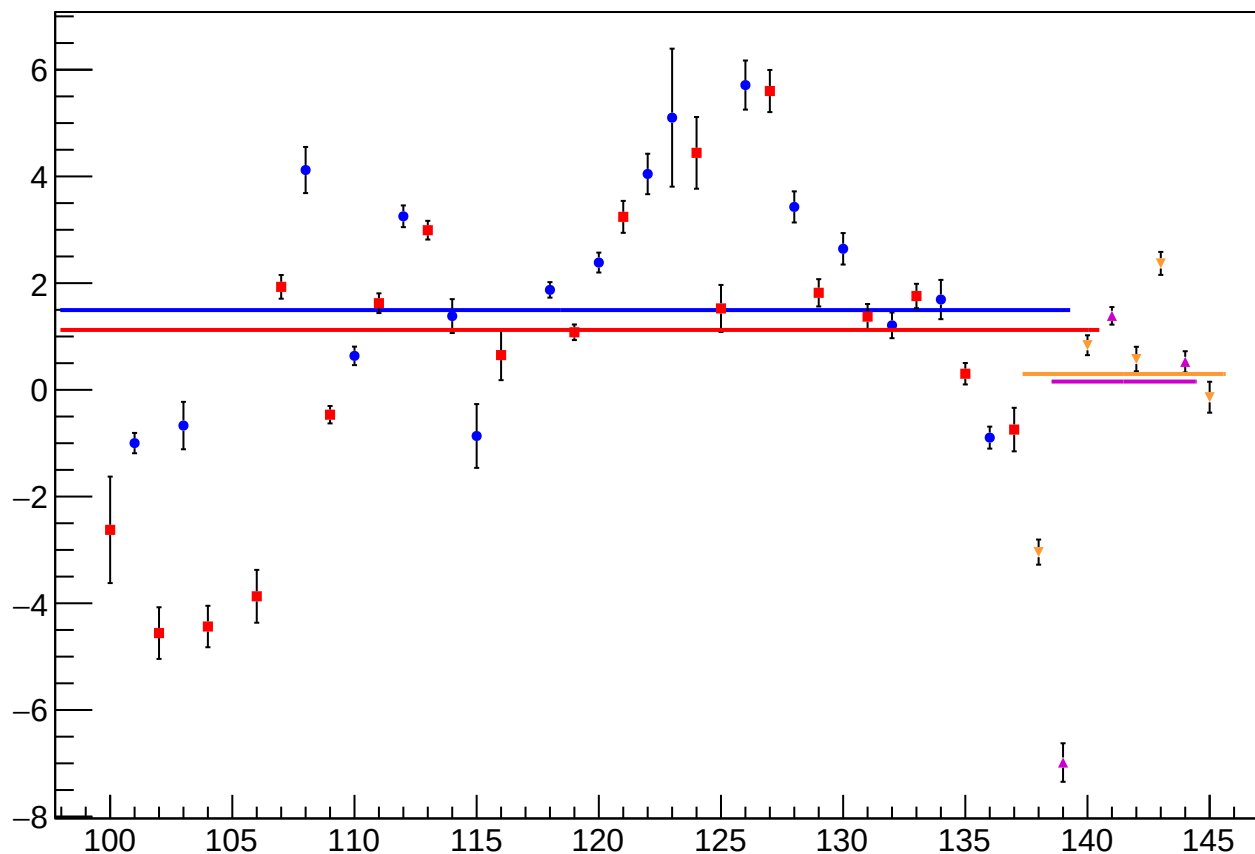
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.703+/-0.132 χ^2/NDF :1396.7/2

Out: -13.707+/-0.120 χ^2/NDF :3075.5/4

All: -12.359+/-0.089 χ^2/NDF : 4755.5/7

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: 0.298 $\pm$ 0.100 χ^2 /NDF:305.7/4

Right Out: 1.123 $\pm$ 0.058 χ^2 /NDF: 946.5/18

Left In: 0.156 $\pm$ 0.120 χ^2 /NDF:450.5/2

Left: 0.239 $\pm$ 0.077 χ^2 /NDF: 757.0/7

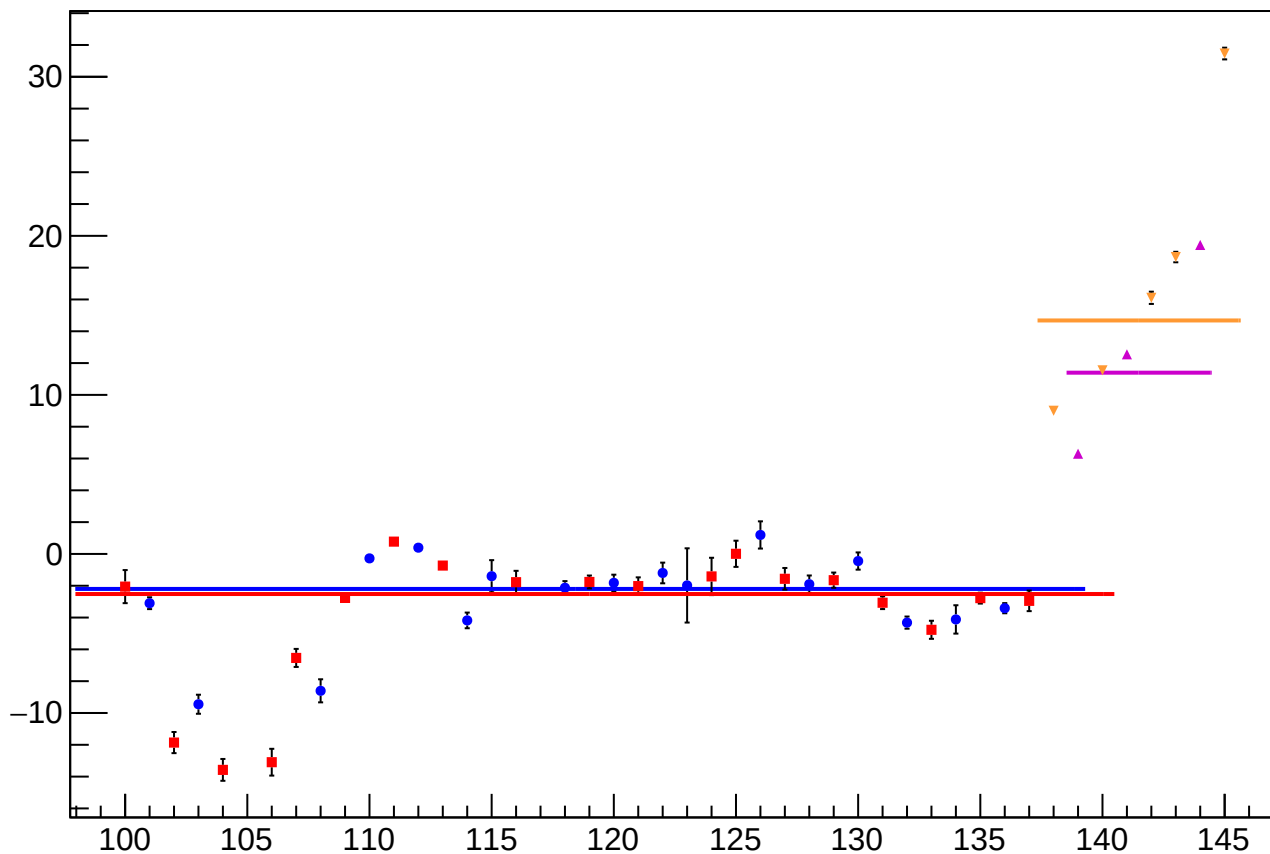
Right: 1.300 $\pm$ 0.042 χ^2 /NDF: 1674.8/35

In: 1.218 $\pm$ 0.054 χ^2 /NDF:1258.7/19

Out: 0.915 $\pm$ 0.050 χ^2 /NDF:1302.7/23

All: 1.055 $\pm$ 0.037 χ^2 /NDF: 2578.1/43

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 14.680 ± 0.128 χ^2/NDF : 3049.8/4

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

Left In: 11.396 ± 0.142 χ^2/NDF : 1300.2/2

Left: 13.207 ± 0.095 χ^2/NDF : 4644.4/7

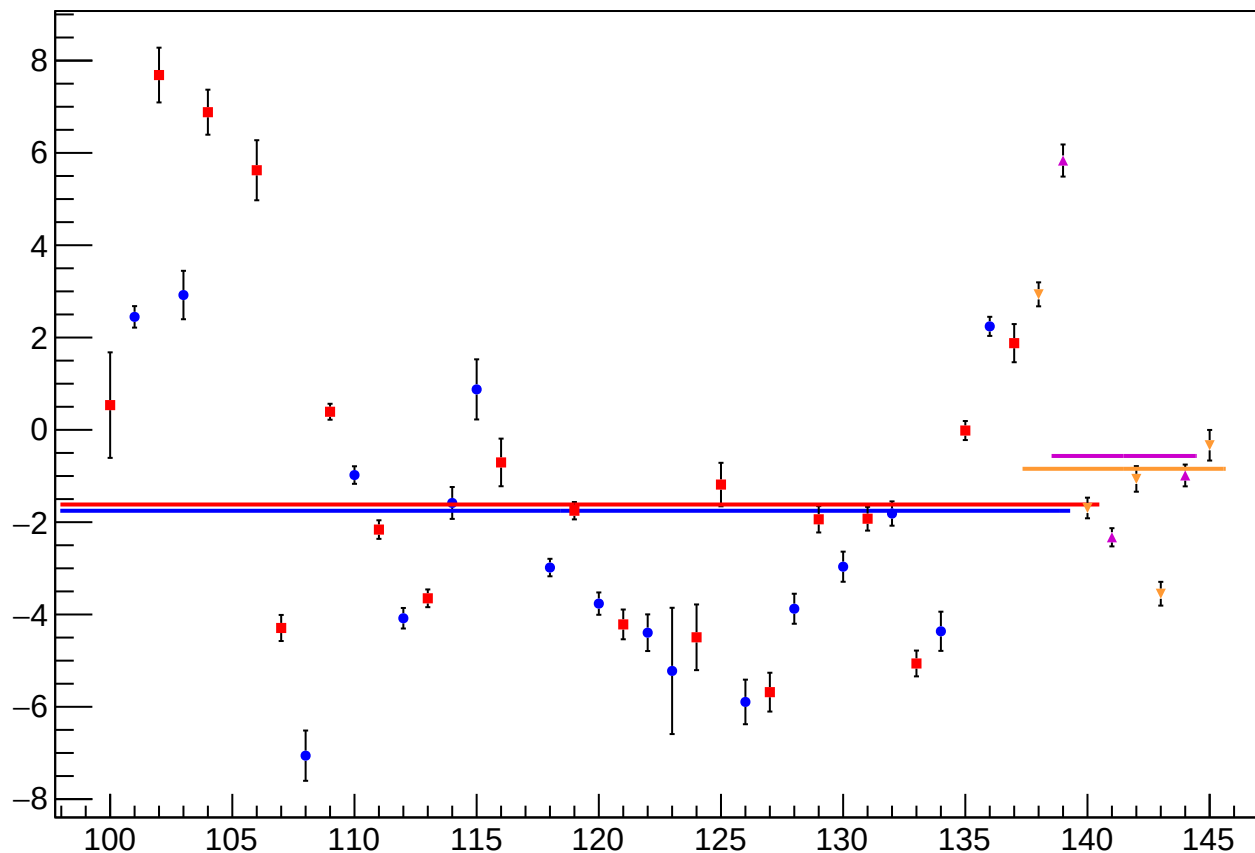
Right: -2.378 ± 0.074 χ^2/NDF : 1368.9/35

In: 2.928 ± 0.087 χ^2/NDF : 7462.9/19

Out: 3.902 ± 0.078 χ^2/NDF : 15235.5/23

All: 3.468 ± 0.058 χ^2/NDF : 22767.4/43

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -0.844 ± 0.118 χ^2/NDF : 339.7/4

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

Left In: -0.566 ± 0.139 χ^2/NDF : 421.5/2

Left: -0.727 ± 0.090 χ^2/NDF : 763.5/7

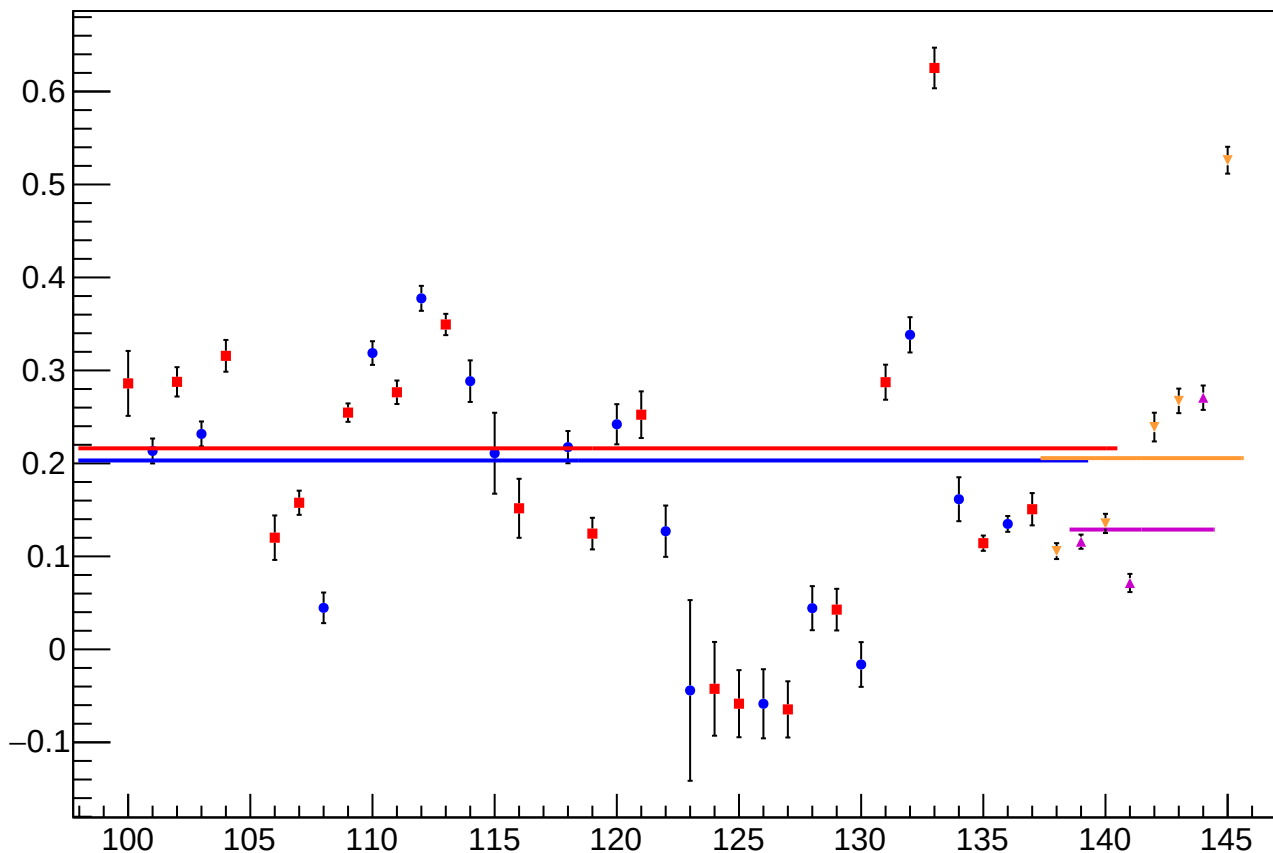
Right: -1.681 ± 0.048 χ^2/NDF : 2834.6/35

In: -1.511 ± 0.063 χ^2/NDF : 1824.8/19

Out: -1.434 ± 0.057 χ^2/NDF : 1860.1/23

All: -1.469 ± 0.042 χ^2/NDF : 3685.7/43

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 677.2/16

Left Out: 0.206 $\pm$ 0.005 χ^2 /NDF:701.4/4

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1067.3/18

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF:154.7/2

Left: 0.170 $\pm$ 0.004 χ^2 /NDF: 960.9/7

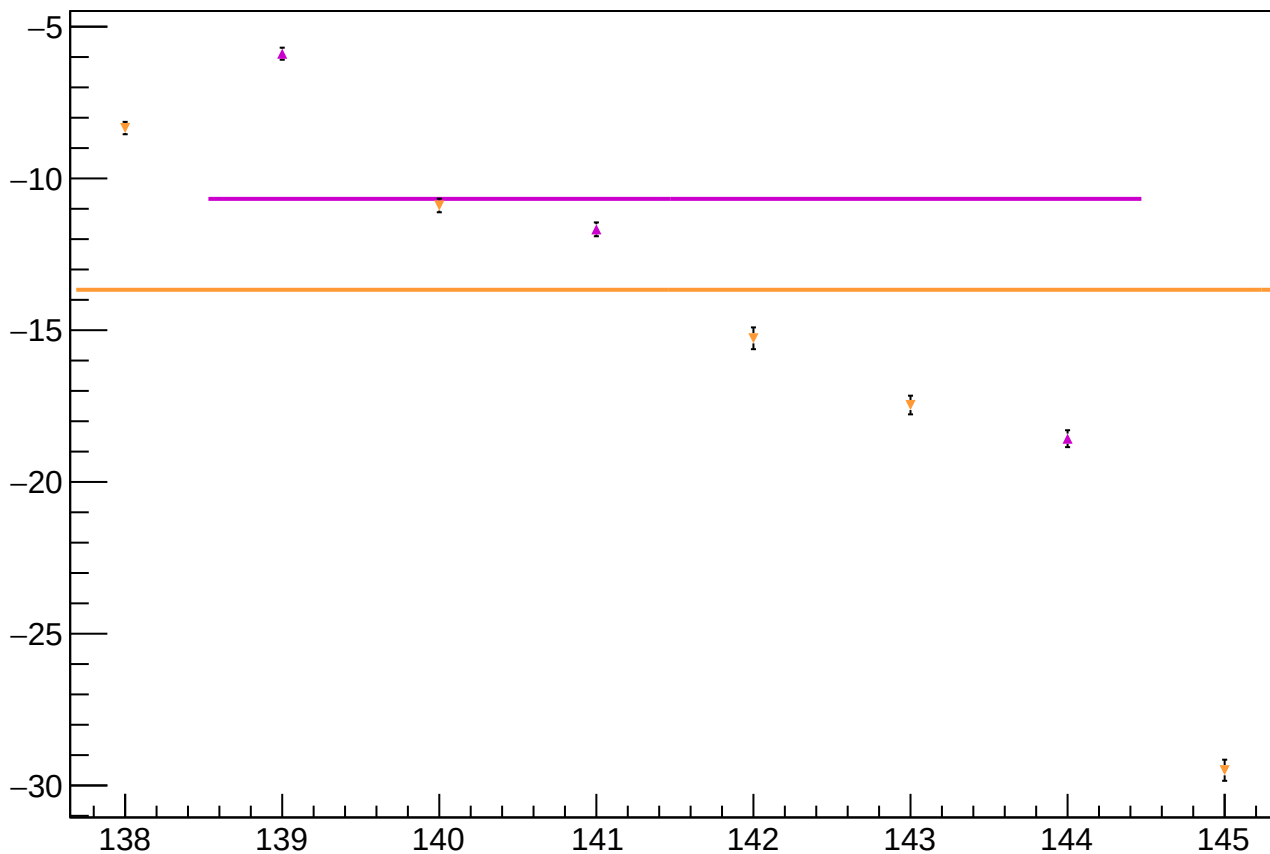
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1750.0/35

In: 0.176 $\pm$ 0.003 χ^2 /NDF:949.4/19

Out: 0.213 $\pm$ 0.003 χ^2 /NDF:1771.5/23

All: 0.196 $\pm$ 0.002 χ^2 /NDF: 2788.0/43

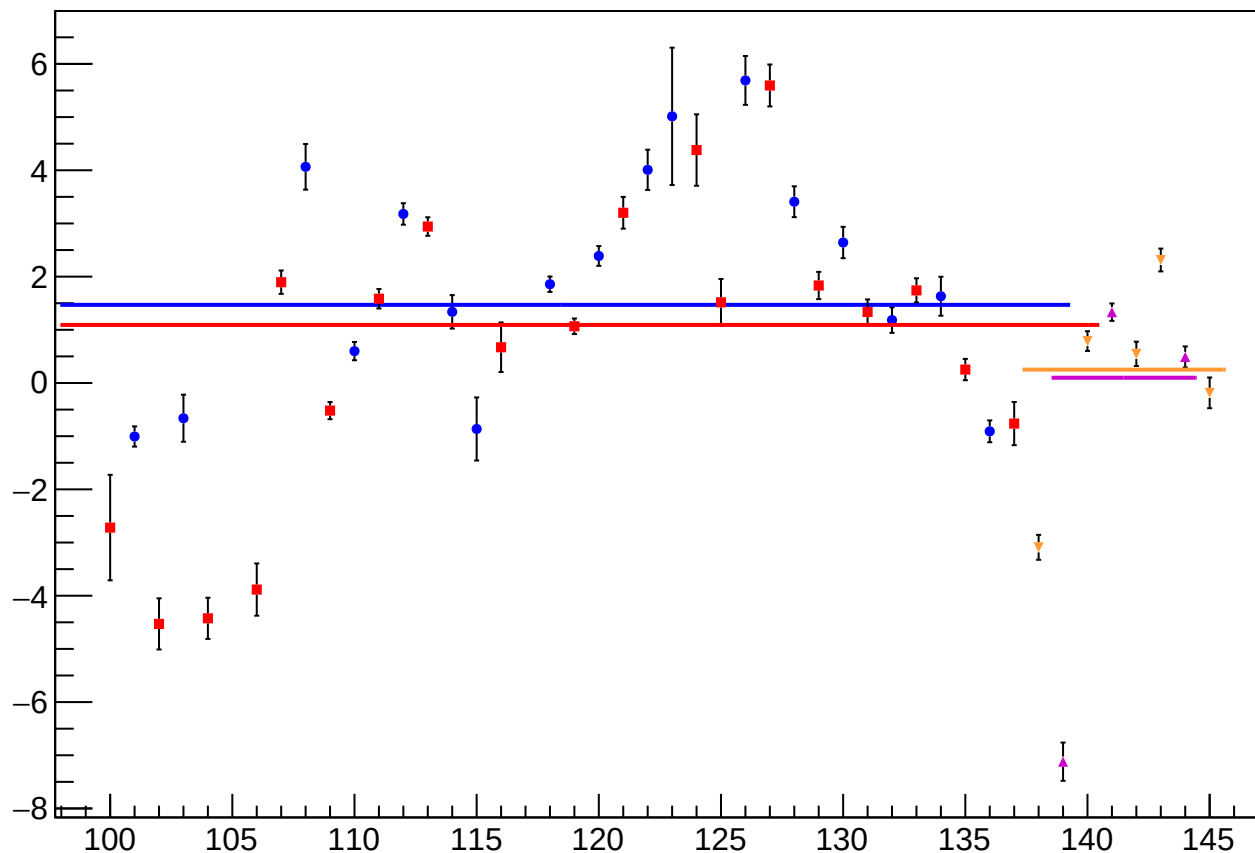
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.668+/-0.119 χ^2/NDF :3082.7/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.673+/-0.132 χ^2/NDF :1402.8/2

Left: -12.324+/-0.088 χ^2/NDF : 4769.7/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.673+/-0.132 χ^2/NDF :1402.8/2
 Out: -13.668+/-0.119 χ^2/NDF :3082.7/4
 All: -12.324+/-0.088 χ^2/NDF : 4769.7/7

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: 0.252 ± 0.100 $\chi^2/\text{NDF}: 307.9/4$

Right Out: 1.092 ± 0.058 $\chi^2/\text{NDF}: 952.1/18$

Left In: 0.099 ± 0.119 $\chi^2/\text{NDF}: 463.8/2$

Left: 0.189 ± 0.077 $\chi^2/\text{NDF}: 772.7/7$

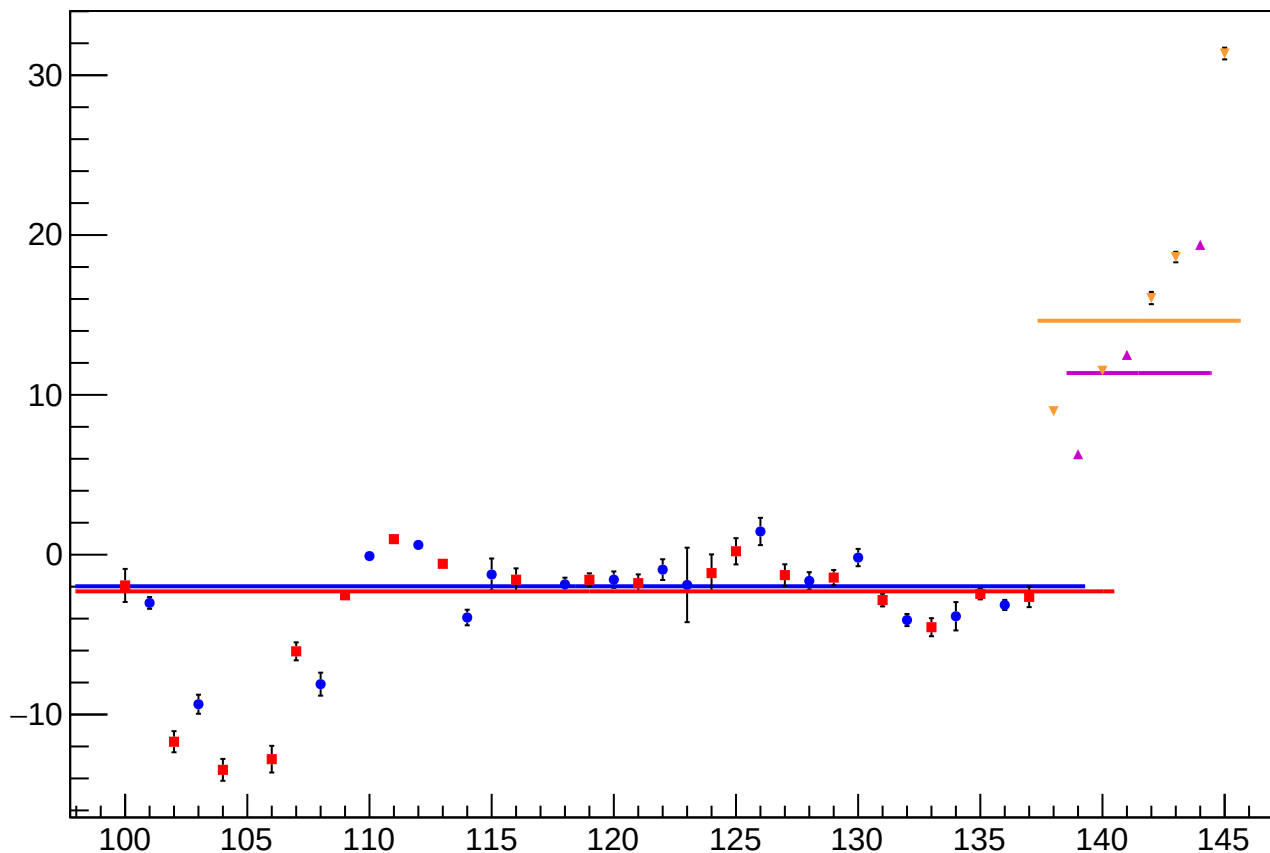
Right: 1.272 ± 0.042 $\chi^2/\text{NDF}: 1680.2/35$

In: 1.187 ± 0.054 $\chi^2/\text{NDF}: 1276.6/19$

Out: 0.880 ± 0.050 $\chi^2/\text{NDF}: 1312.9/23$

All: 1.022 ± 0.037 $\chi^2/\text{NDF}: 2606.7/43$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 14.639 ± 0.128 χ^2/NDF : 3057.3/4

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

Left In: 11.365 ± 0.141 χ^2/NDF : 1305.5/2

Left: 13.171 ± 0.095 χ^2/NDF : 4658.0/7

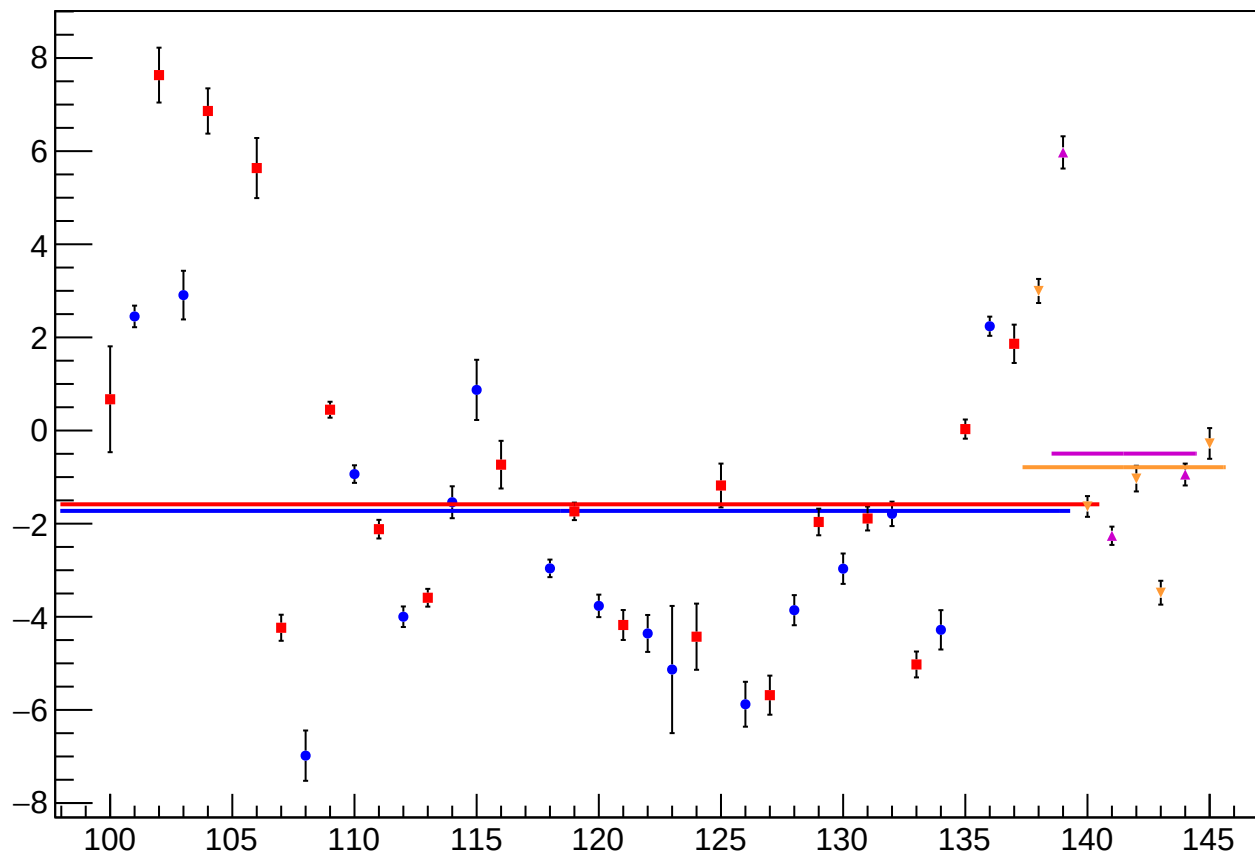
Right: -2.153 ± 0.073 χ^2/NDF : 1375.0/35

In: 3.052 ± 0.087 χ^2/NDF : 7310.1/19

Out: 4.023 ± 0.078 χ^2/NDF : 15005.1/23

All: 3.590 ± 0.058 χ^2/NDF : 22384.3/43

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -0.788 ± 0.117 χ^2/NDF : 342.3/4

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

Left In: -0.496 ± 0.138 χ^2/NDF : 433.2/2

Left: -0.665 ± 0.089 χ^2/NDF : 778.1/7

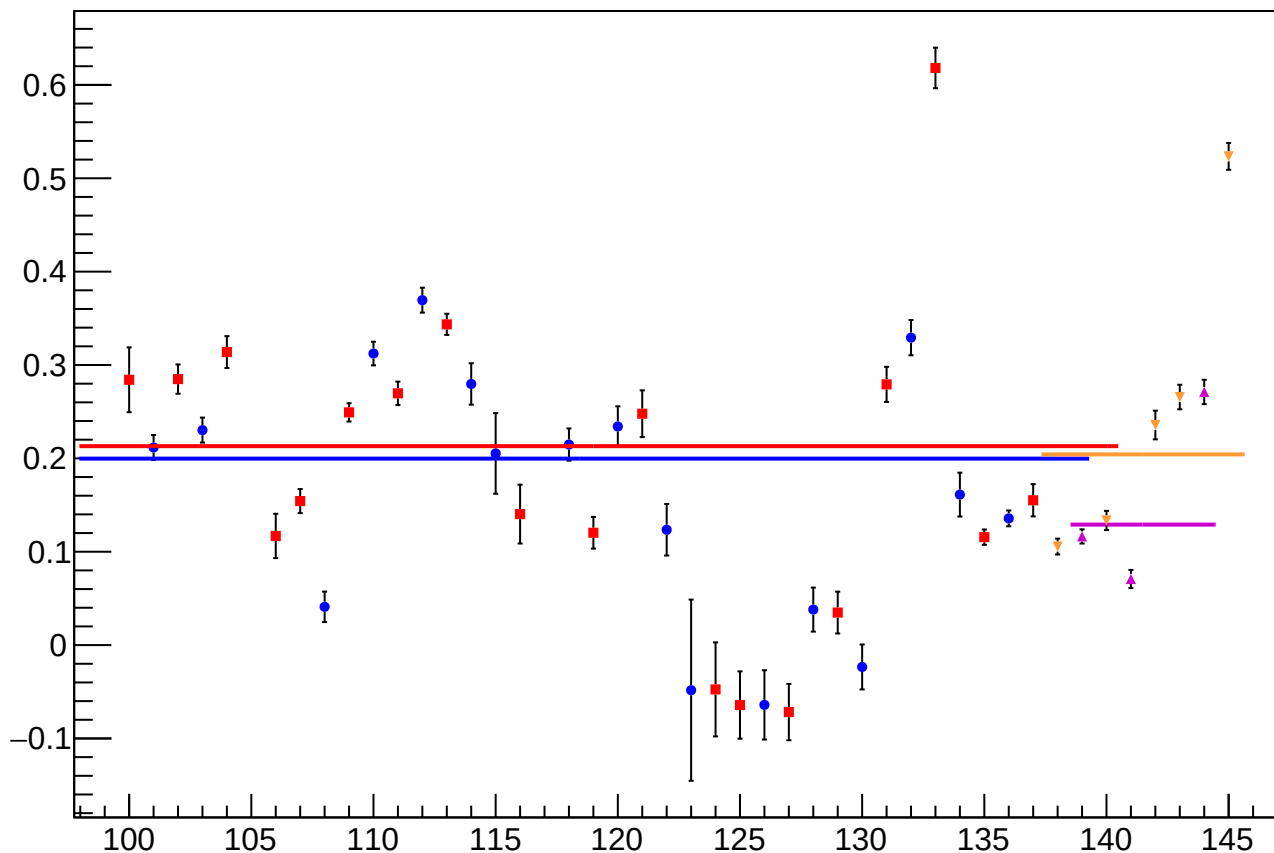
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -1.475 ± 0.062 χ^2/NDF : 1837.7/19

Out: -1.395 ± 0.057 χ^2/NDF : 1870.3/23

All: -1.432 ± 0.042 χ^2/NDF : 3708.9/43

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 ± 0.004 $\chi^2/\text{NDF}: 662.5/16$

Left Out: 0.204 ± 0.005 $\chi^2/\text{NDF}: 700.7/4$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1050.9/18$

Left In: 0.129 ± 0.005 $\chi^2/\text{NDF}: 157.3/2$

Left: 0.169 ± 0.004 $\chi^2/\text{NDF}: 959.2/7$

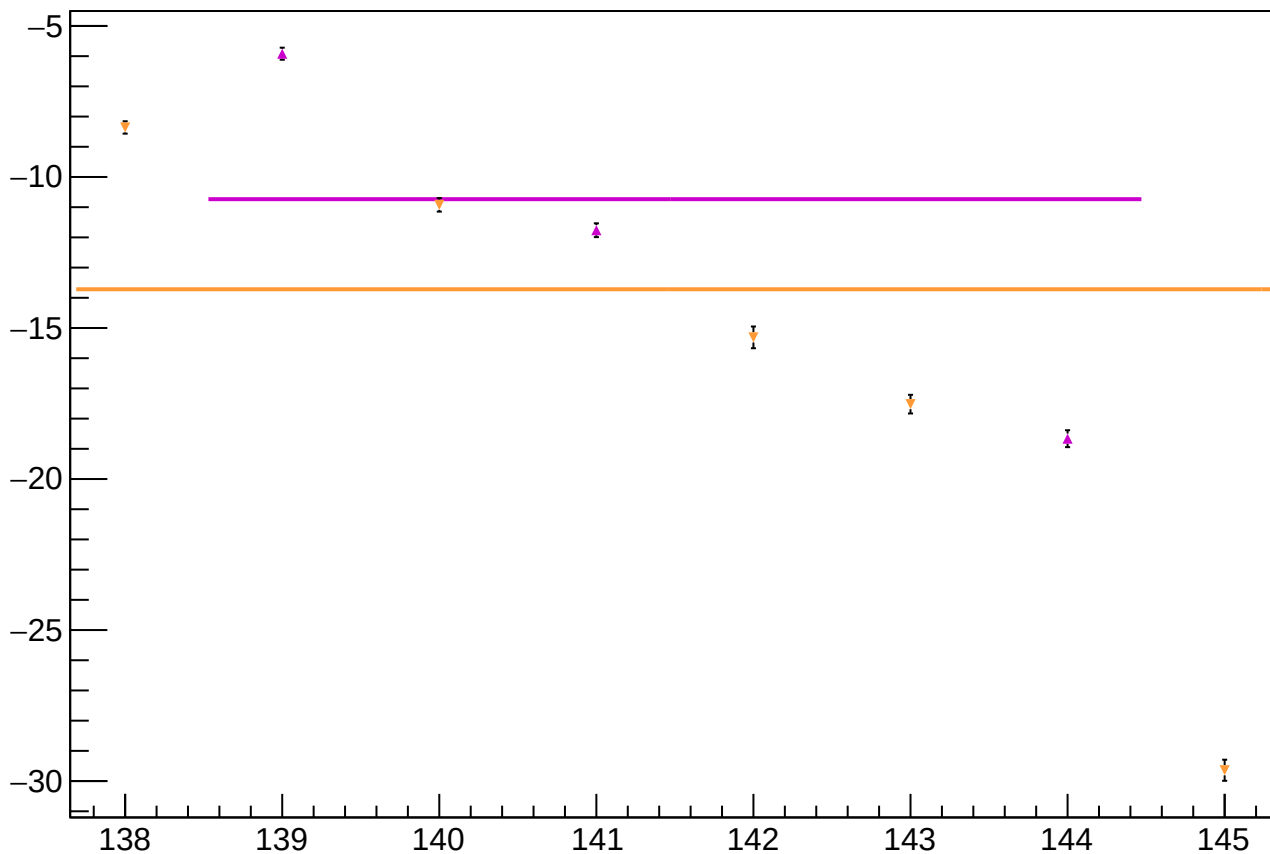
Right: 0.207 ± 0.003 $\chi^2/\text{NDF}: 1719.2/35$

In: 0.174 ± 0.003 $\chi^2/\text{NDF}: 927.2/19$

Out: 0.210 ± 0.003 $\chi^2/\text{NDF}: 1753.5/23$

All: 0.194 ± 0.002 $\chi^2/\text{NDF}: 2746.7/43$

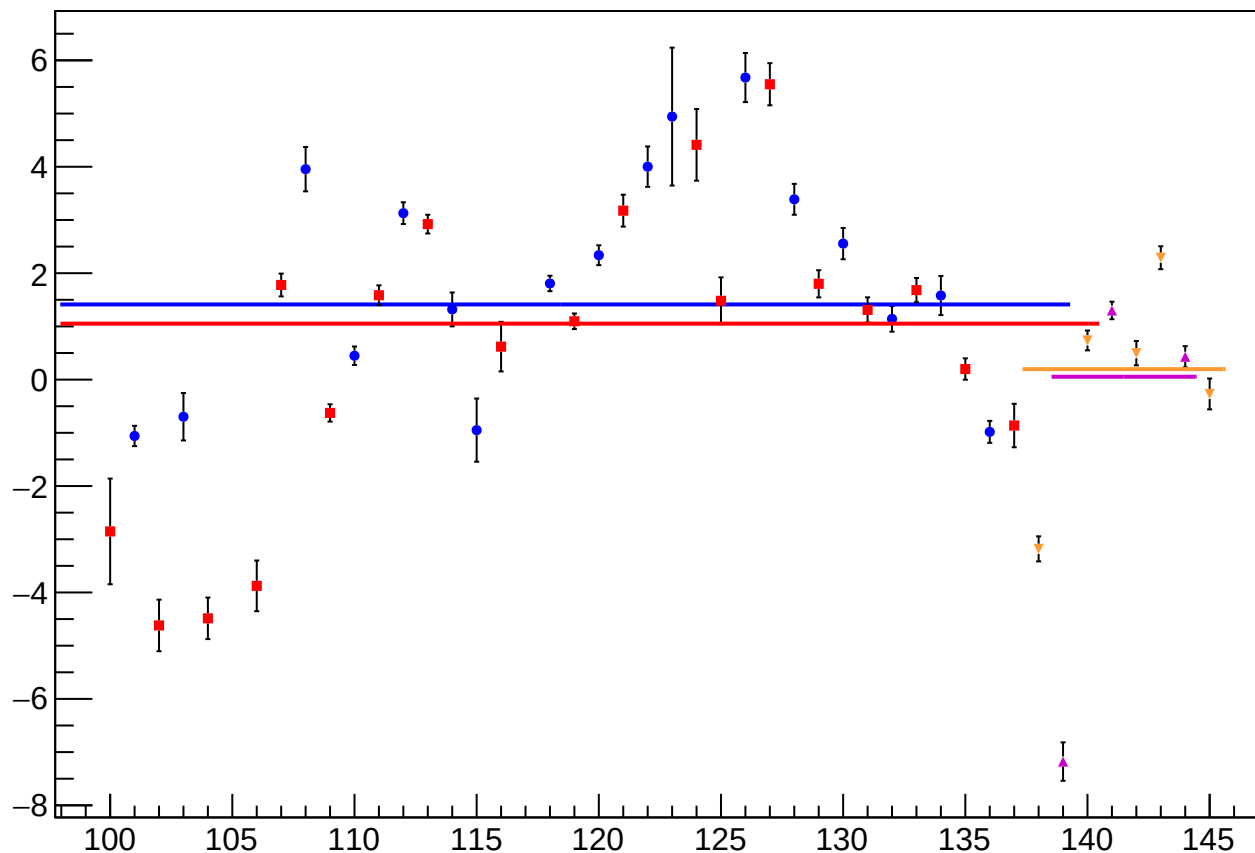
reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.717+/-0.120 χ^2/NDF :3088.7/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.735+/-0.132 χ^2/NDF :1405.0/2

Left: -12.379+/-0.089 χ^2/NDF : 4772.9/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.735+/-0.132 χ^2/NDF :1405.0/2
 Out: -13.717+/-0.120 χ^2/NDF :3088.7/4
 All: -12.379+/-0.089 χ^2/NDF : 4772.9/7

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: 0.197 ± 0.100 χ^2/NDF : 312.9/4

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

Left In: 0.054 ± 0.120 χ^2/NDF : 462.0/2

Left: 0.138 ± 0.077 χ^2/NDF : 775.7/7

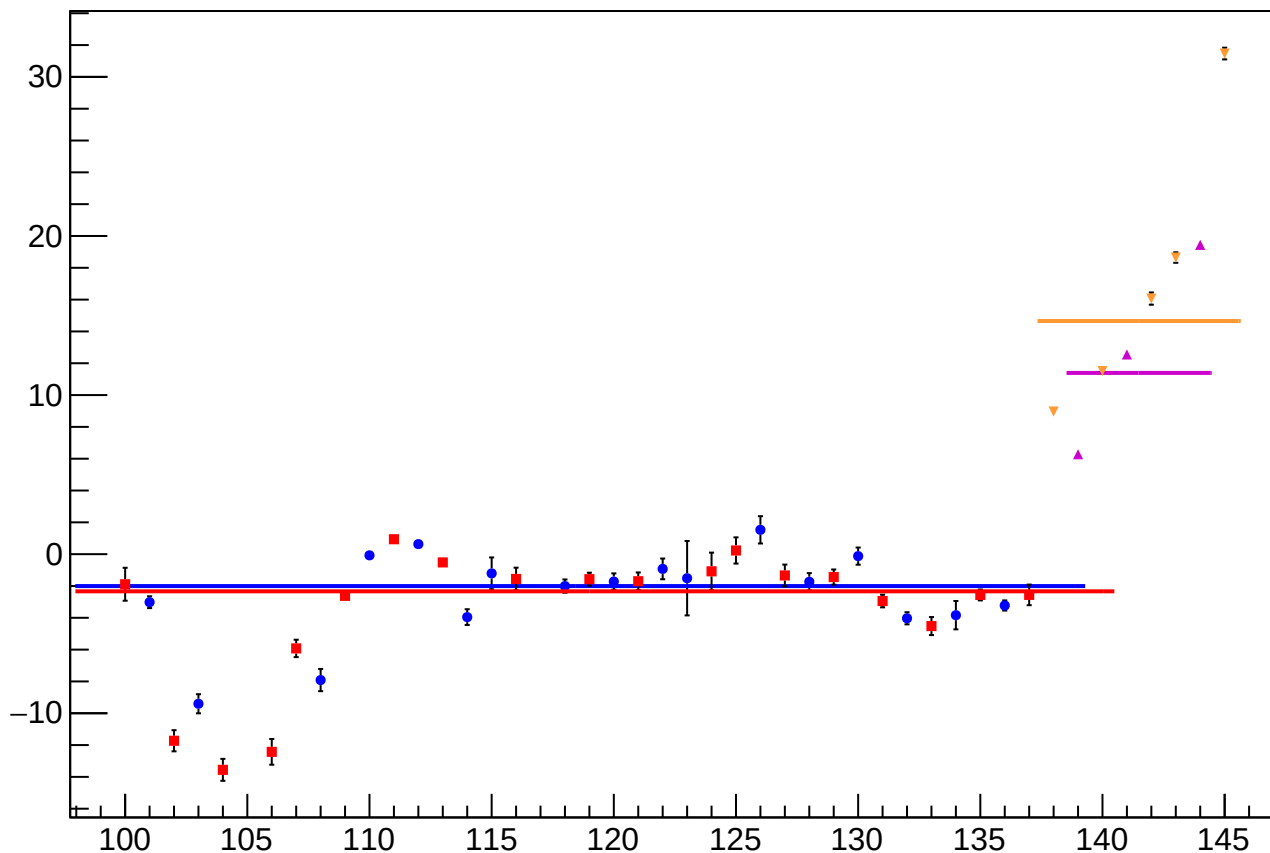
Right: 1.223 ± 0.042 χ^2/NDF : 1695.5/35

In: 1.132 ± 0.054 χ^2/NDF : 1278.0/19

Out: 0.837 ± 0.050 χ^2/NDF : 1330.6/23

All: 0.973 ± 0.037 χ^2/NDF : 2624.4/43

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 14.656 ± 0.128 χ^2/NDF : 3061.1/4

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

Left In: 11.393 ± 0.142 χ^2/NDF : 1307.2/2

Left: 13.192 ± 0.095 χ^2/NDF : 4659.0/7

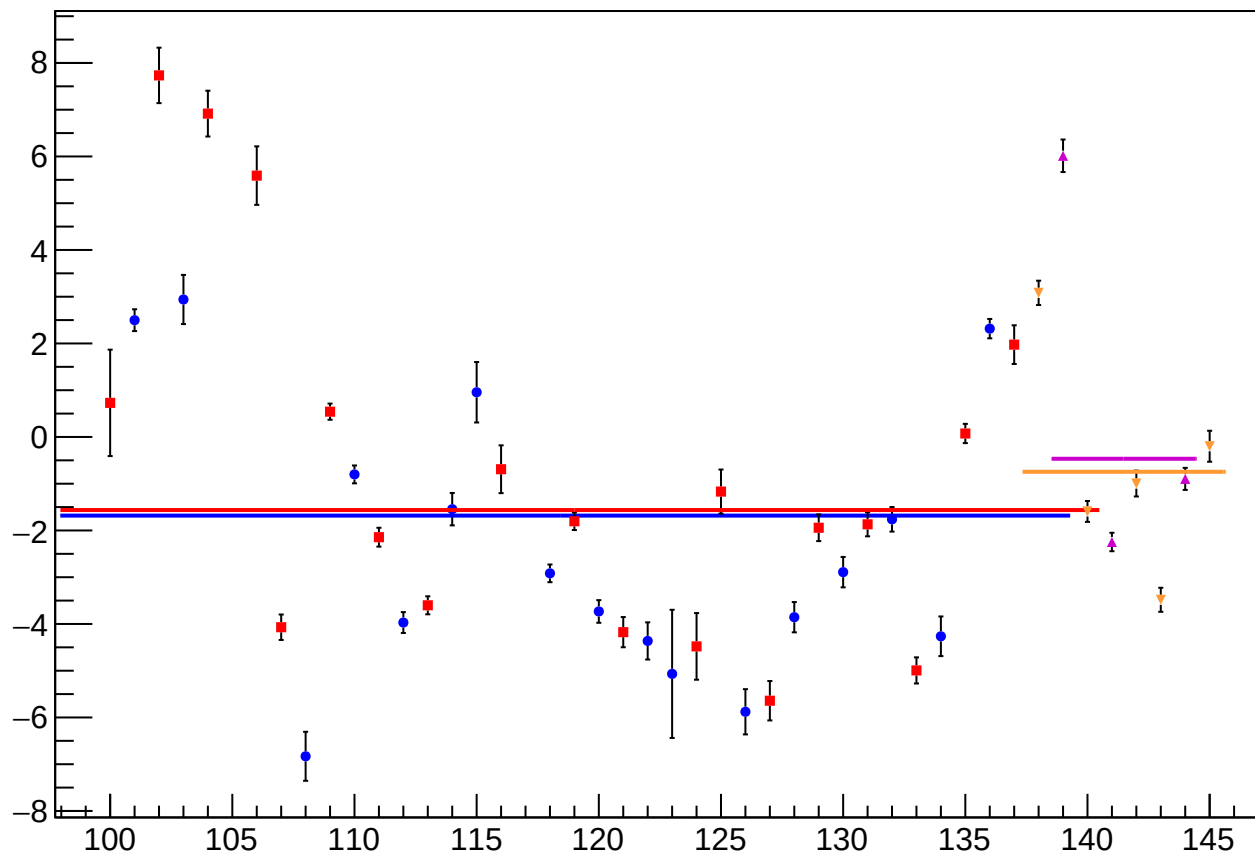
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: 3.050 ± 0.087 χ^2/NDF : 7307.2/19

Out: 4.006 ± 0.078 χ^2/NDF : 14977.4/23

All: 3.580 ± 0.058 χ^2/NDF : 22351.0/43

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682 ± 0.070 $\chi^2/\text{NDF}: 1347.8/16$

Left Out: -0.745 ± 0.118 $\chi^2/\text{NDF}: 348.1/4$

Right Out: -1.563 ± 0.066 $\chi^2/\text{NDF}: 1504.7/18$

Left In: -0.466 ± 0.139 $\chi^2/\text{NDF}: 431.8/2$

Left: -0.628 ± 0.090 $\chi^2/\text{NDF}: 782.3/7$

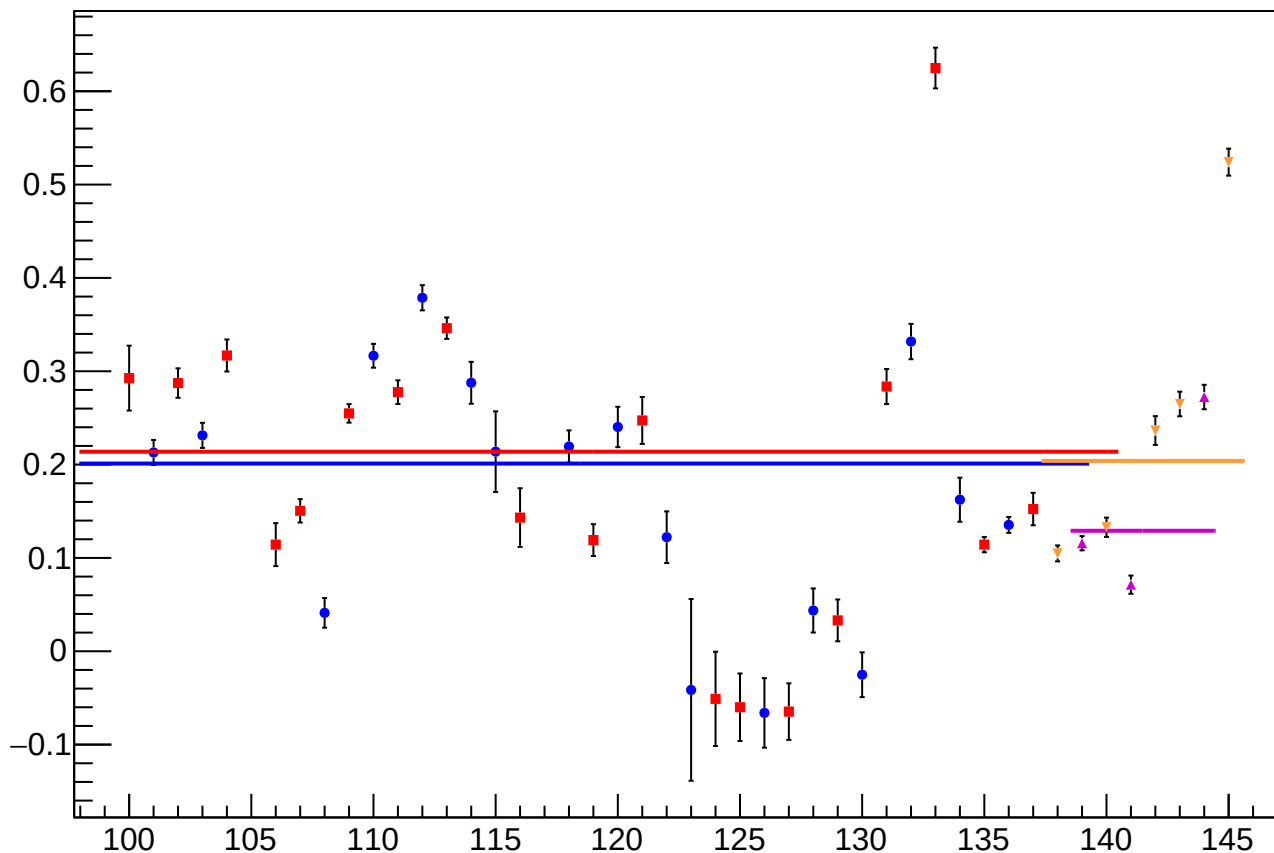
Right: -1.619 ± 0.048 $\chi^2/\text{NDF}: 2854.1/35$

In: -1.434 ± 0.063 $\chi^2/\text{NDF}: 1840.8/19$

Out: -1.370 ± 0.057 $\chi^2/\text{NDF}: 1889.7/23$

All: -1.399 ± 0.042 $\chi^2/\text{NDF}: 3731.0/43$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.204 ± 0.005 χ^2/NDF : 698.5/4

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

Left In: 0.129 ± 0.005 χ^2/NDF : 157.6/2

Left: 0.169 ± 0.004 χ^2/NDF : 955.6/7

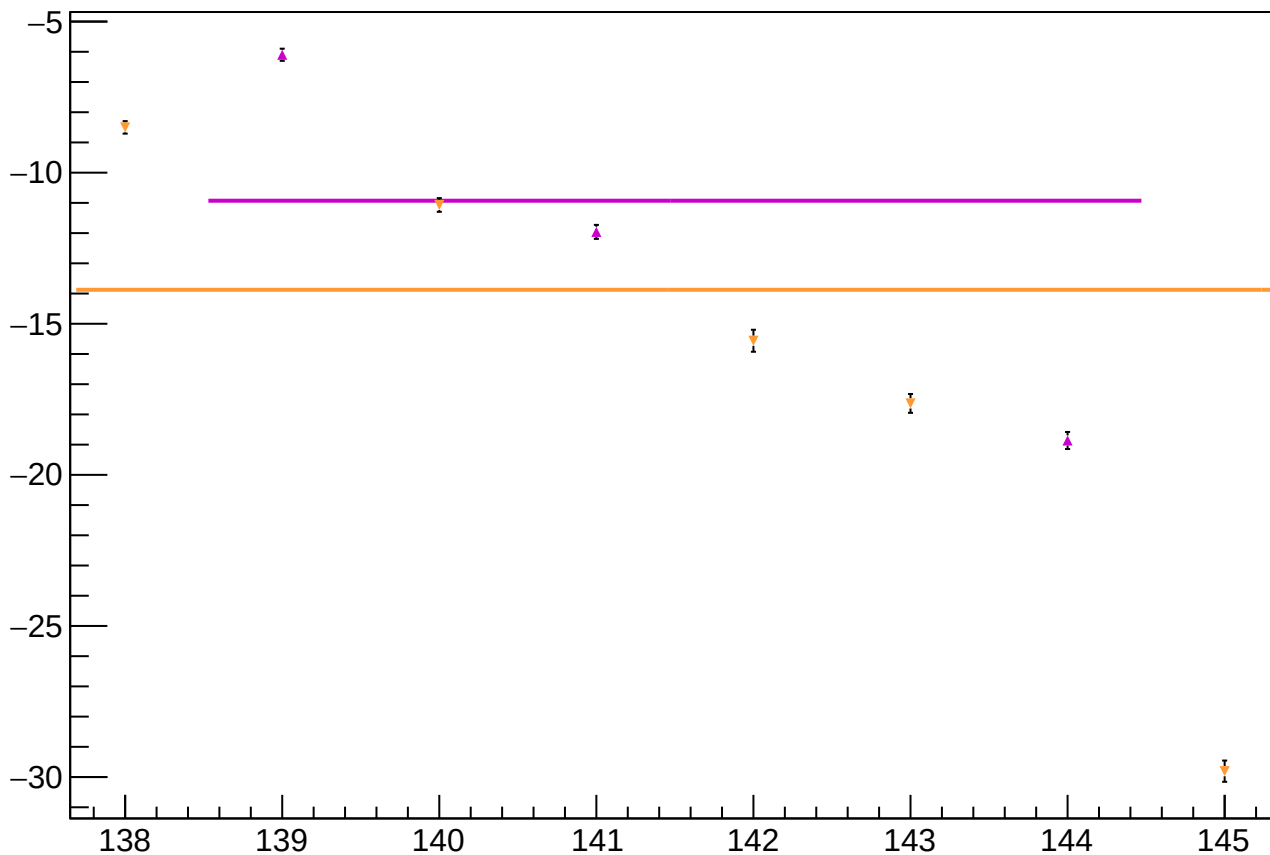
Right: 0.208 ± 0.003 χ^2/NDF : 1779.7/35

In: 0.175 ± 0.003 χ^2/NDF : 959.4/19

Out: 0.210 ± 0.003 χ^2/NDF : 1784.1/23

All: 0.194 ± 0.002 χ^2/NDF : 2807.3/43

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.876+/-0.121 χ^2/NDF :3047.9/4

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

Left In: -10.928+/-0.134 χ^2/NDF :1383.1/2

Left: -12.555+/-0.090 χ^2/NDF : 4698.4/7

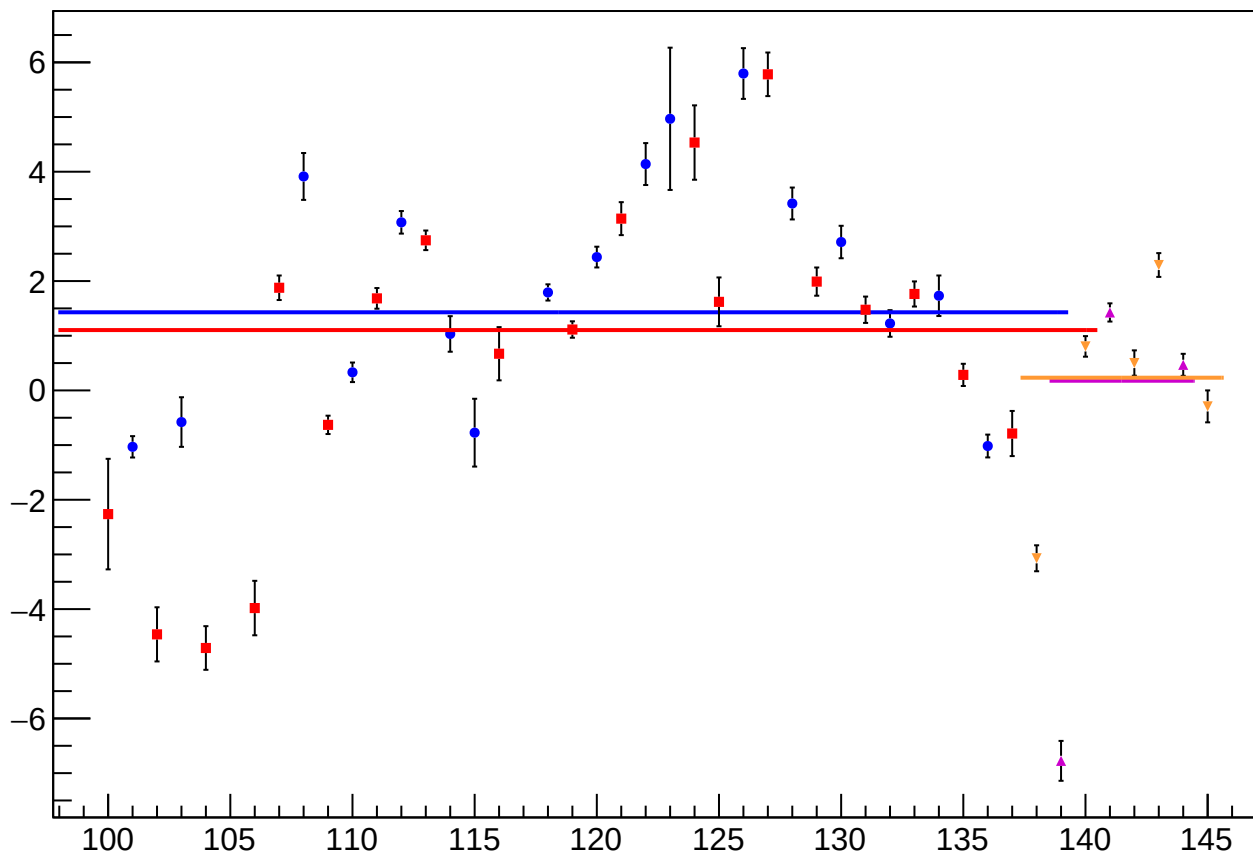
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.928+/-0.134 χ^2/NDF :1383.1/2

Out: -13.876+/-0.121 χ^2/NDF :3047.9/4

All: -12.555+/-0.090 χ^2/NDF : 4698.4/7

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 $\pm$ 0.062 χ^2 /NDF: 711.4/16

Left Out: 0.232 $\pm$ 0.101 χ^2 /NDF: 297.0/4

Right Out: 1.104 $\pm$ 0.059 χ^2 /NDF: 936.5/18

Left In: 0.177 $\pm$ 0.121 χ^2 /NDF: 421.5/2

Left: 0.210 $\pm$ 0.078 χ^2 /NDF: 718.5/7

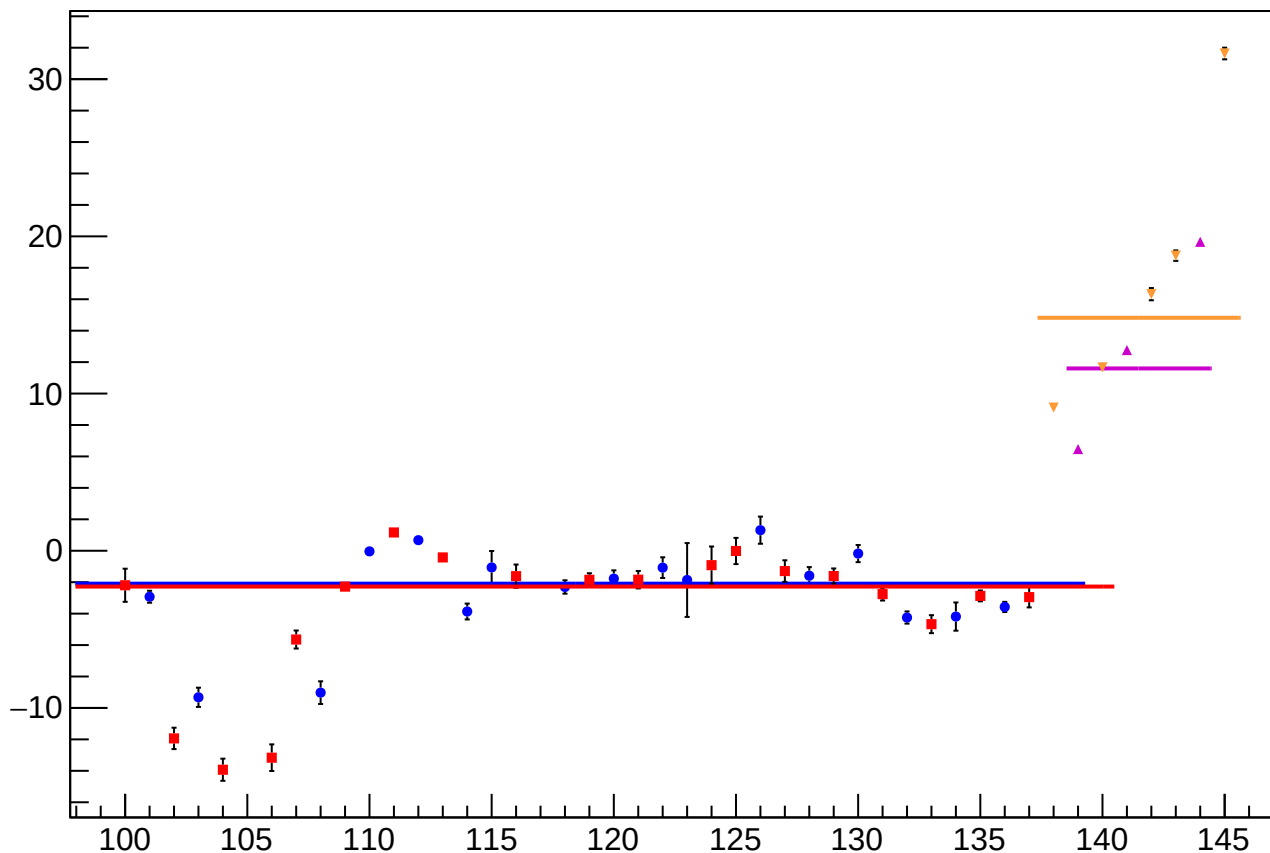
Right: 1.259 $\pm$ 0.043 χ^2 /NDF: 1662.3/35

In: 1.167 $\pm$ 0.055 χ^2 /NDF: 1217.6/19

Out: 0.881 $\pm$ 0.051 χ^2 /NDF: 1288.6/23

All: 1.013 $\pm$ 0.038 χ^2 /NDF: 2520.6/43

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 14.821 ± 0.129 χ^2/NDF : 3020.9/4

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

Left In: 11.598 ± 0.144 χ^2/NDF : 1288.1/2

Left: 13.377 ± 0.096 χ^2/NDF : 4587.0/7

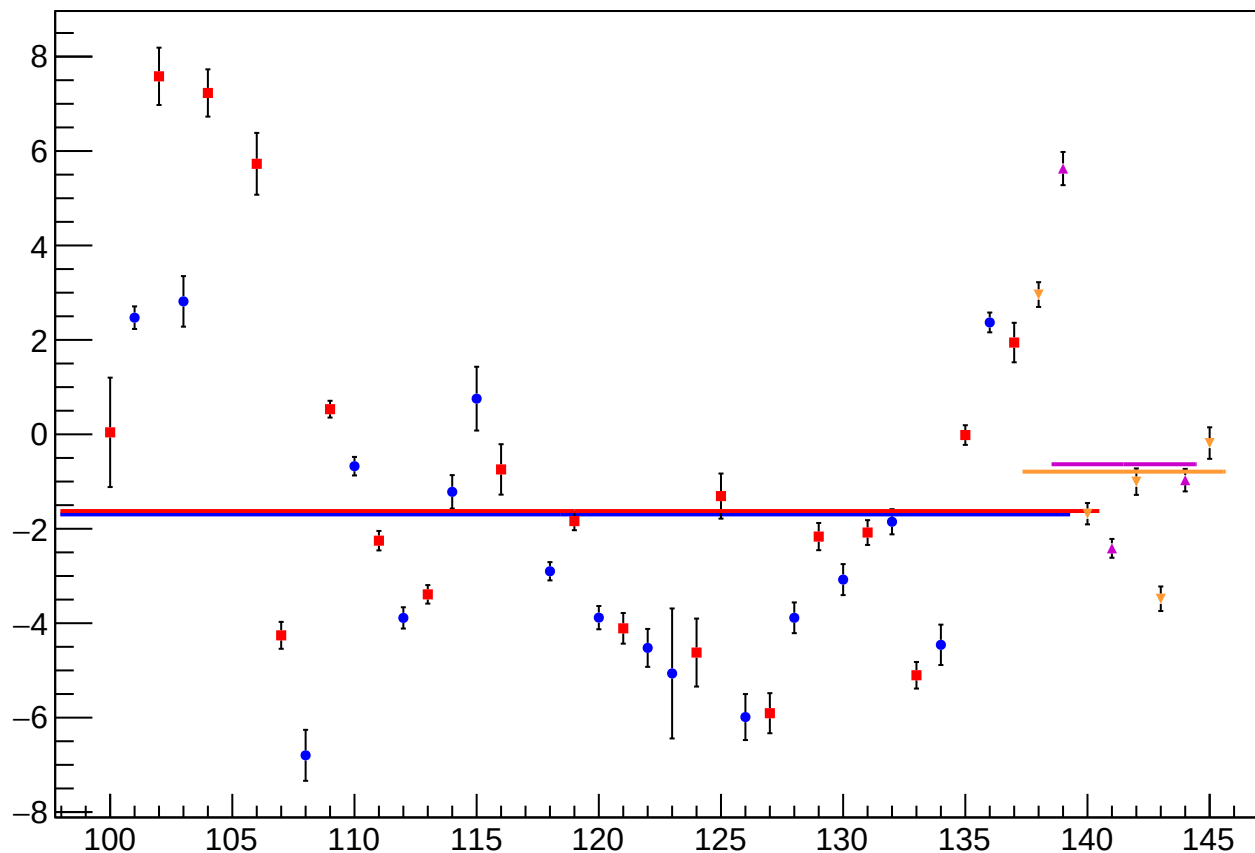
Right: -2.196 ± 0.075 χ^2/NDF : 1406.6/35

In: 3.118 ± 0.089 χ^2/NDF : 7404.4/19

Out: 4.199 ± 0.080 χ^2/NDF : 14793.1/23

All: 3.716 ± 0.059 χ^2/NDF : 22279.8/43

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -0.790 ± 0.119 χ^2/NDF : 331.4/4

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

Left In: -0.633 ± 0.140 χ^2/NDF : 399.1/2

Left: -0.725 ± 0.091 χ^2/NDF : 731.3/7

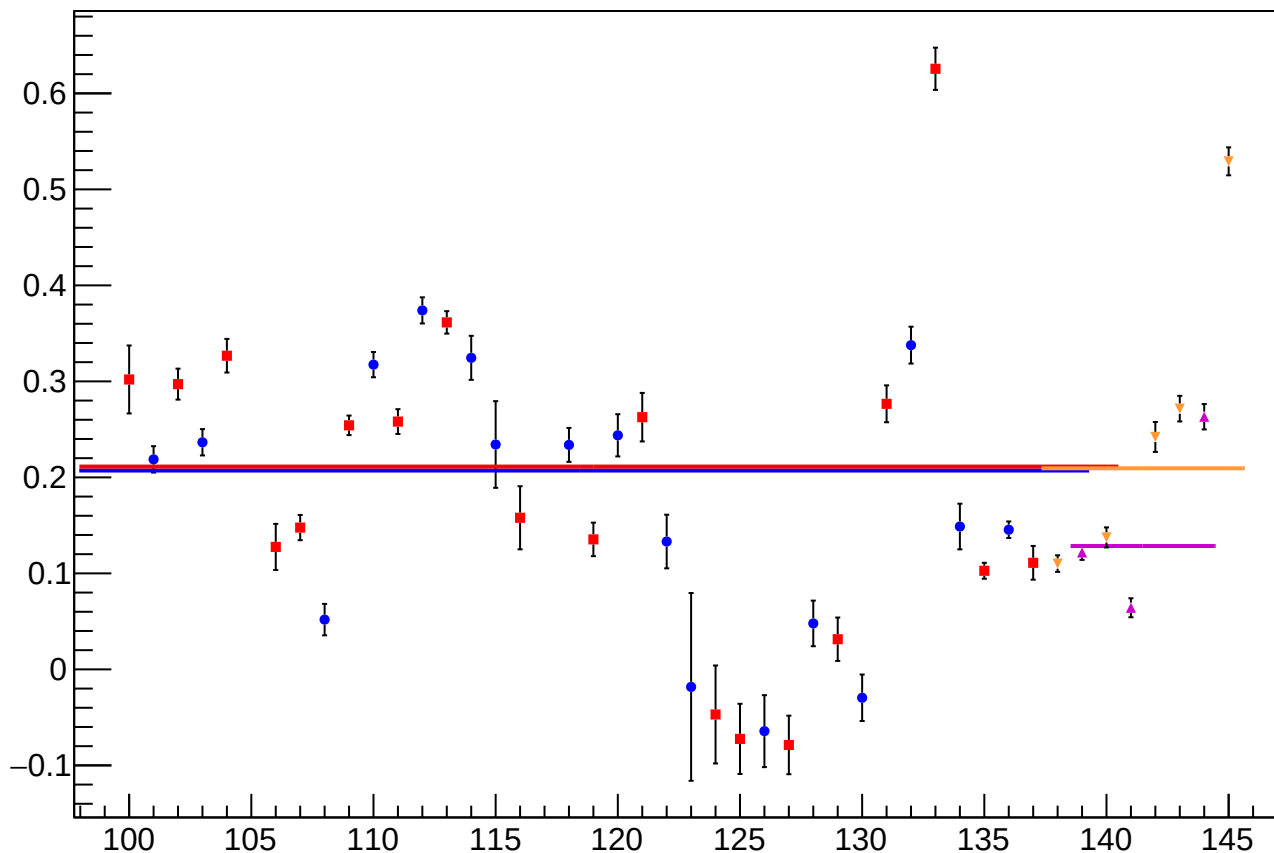
Right: -1.658 ± 0.049 χ^2/NDF : 2801.2/35

In: -1.477 ± 0.064 χ^2/NDF : 1777.9/19

Out: -1.424 ± 0.058 χ^2/NDF : 1836.1/23

All: -1.448 ± 0.043 χ^2/NDF : 3614.4/43

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.209 ± 0.005 χ^2/NDF : 689.4/4

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

Left In: 0.128 ± 0.006 χ^2/NDF : 146.9/2

Left: 0.171 ± 0.004 χ^2/NDF : 950.3/7

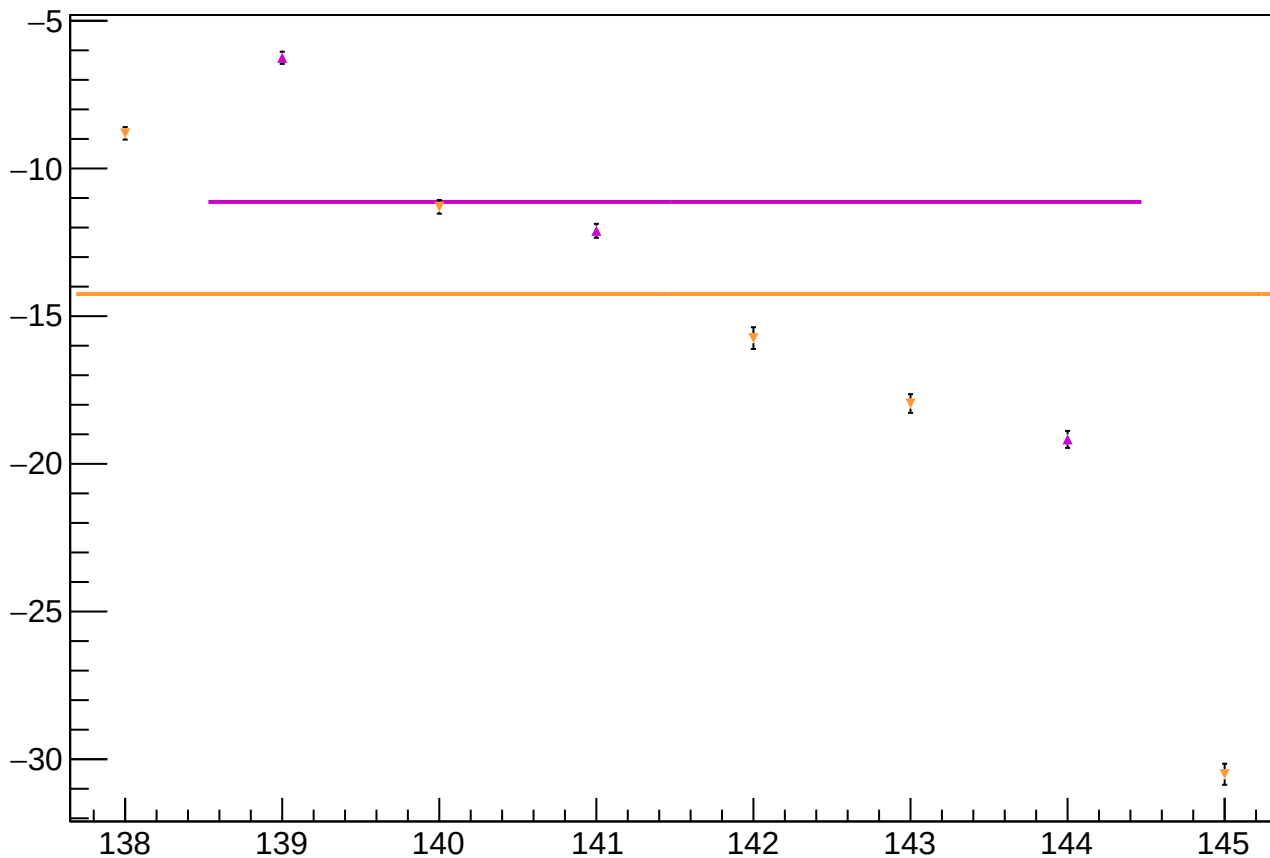
Right: 0.209 ± 0.003 χ^2/NDF : 1802.5/35

In: 0.178 ± 0.003 χ^2/NDF : 931.6/19

Out: 0.211 ± 0.003 χ^2/NDF : 1835.1/23

All: 0.196 ± 0.002 χ^2/NDF : 2817.8/43

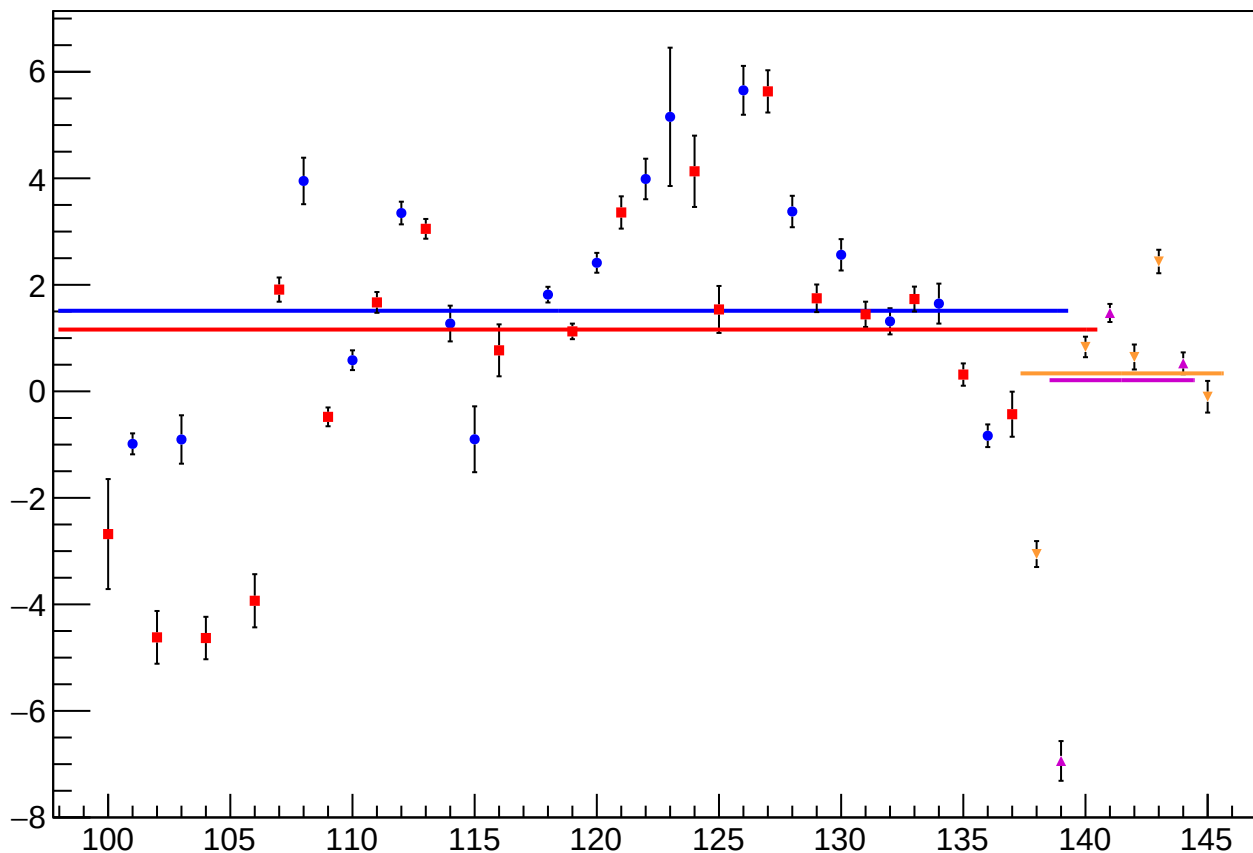
reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -14.251+/-0.123 χ^2/NDF :3036.5/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.133+/-0.137 χ^2/NDF :1358.3/2

Left: -12.852+/-0.092 χ^2/NDF : 4681.9/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.133+/-0.137 χ^2/NDF :1358.3/2
 Out: -14.251+/-0.123 χ^2/NDF :3036.5/4
 All: -12.852+/-0.092 χ^2/NDF : 4681.9/7

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

Left Out: 0.337 $\pm$ 0.103 χ^2/NDF :295.3/4

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

Left In: 0.209 $\pm$ 0.123 χ^2/NDF :425.2/2

Left: 0.284 $\pm$ 0.079 χ^2/NDF : 721.1/7

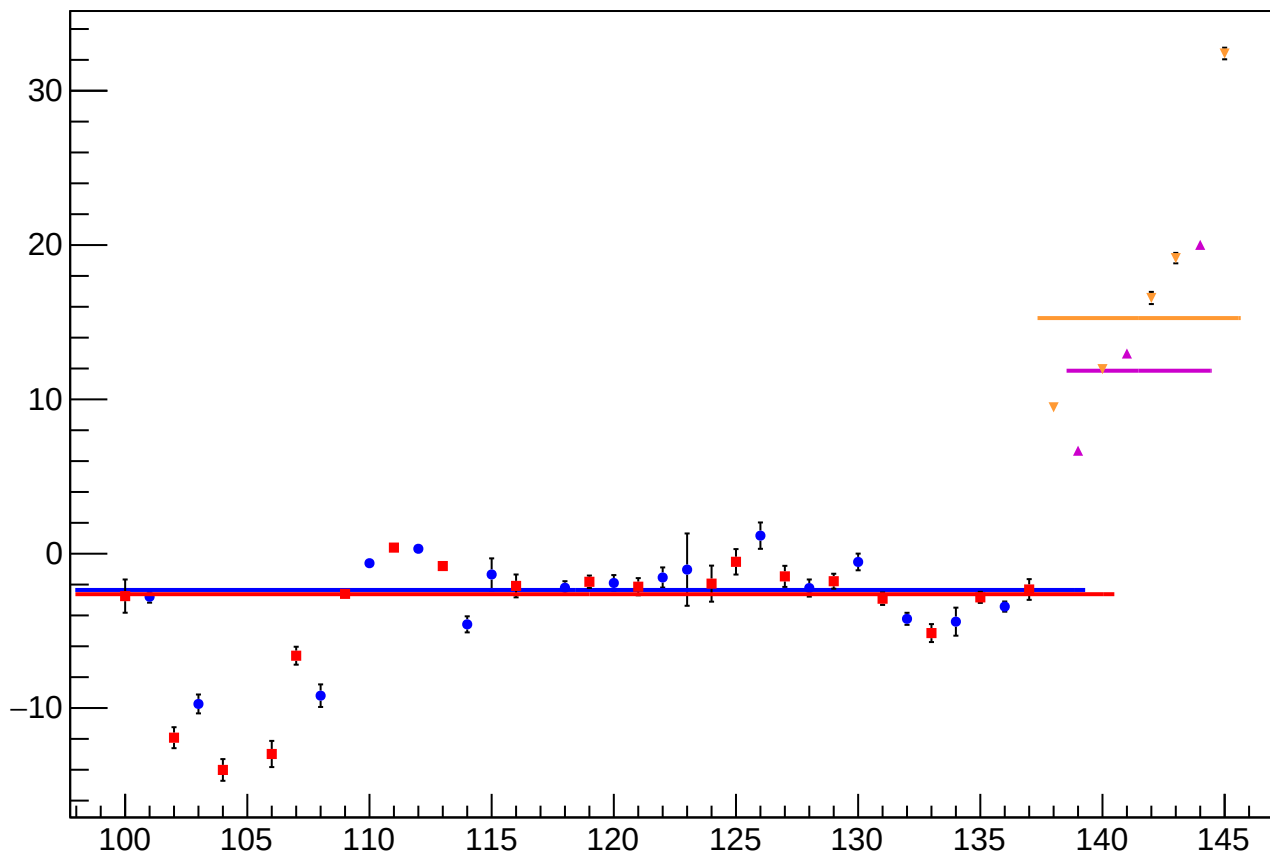
Right: 1.329 $\pm$ 0.043 χ^2/NDF : 1603.3/35

In: 1.245 $\pm$ 0.056 χ^2/NDF :1183.7/19

Out: 0.952 $\pm$ 0.052 χ^2/NDF :1259.8/23

All: 1.088 $\pm$ 0.038 χ^2/NDF : 2458.3/43

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 15.268 ± 0.132 χ^2/NDF : 3009.0/4

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

Left In: 11.857 ± 0.147 χ^2/NDF : 1263.4/2

Left: 13.739 ± 0.098 χ^2/NDF : 4571.2/7

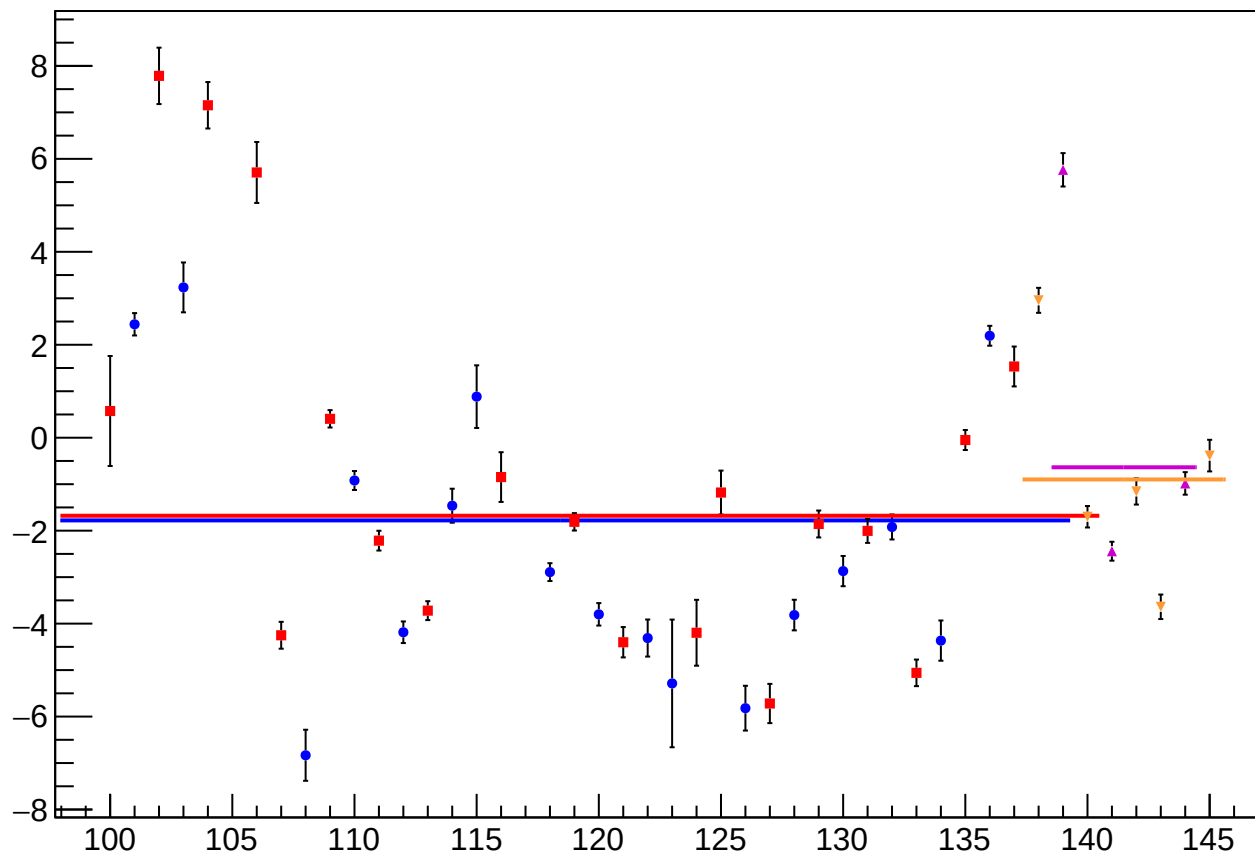
Right: -2.501 ± 0.077 χ^2/NDF : 1283.3/35

In: 3.023 ± 0.090 χ^2/NDF : 7545.8/19

Out: 4.157 ± 0.081 χ^2/NDF : 15235.0/23

All: 3.648 ± 0.060 χ^2/NDF : 22868.1/43

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -0.898 ± 0.121 χ^2/NDF : 328.6/4

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

Left In: -0.636 ± 0.143 χ^2/NDF : 398.3/2

Left: -0.788 ± 0.092 χ^2/NDF : 728.9/7

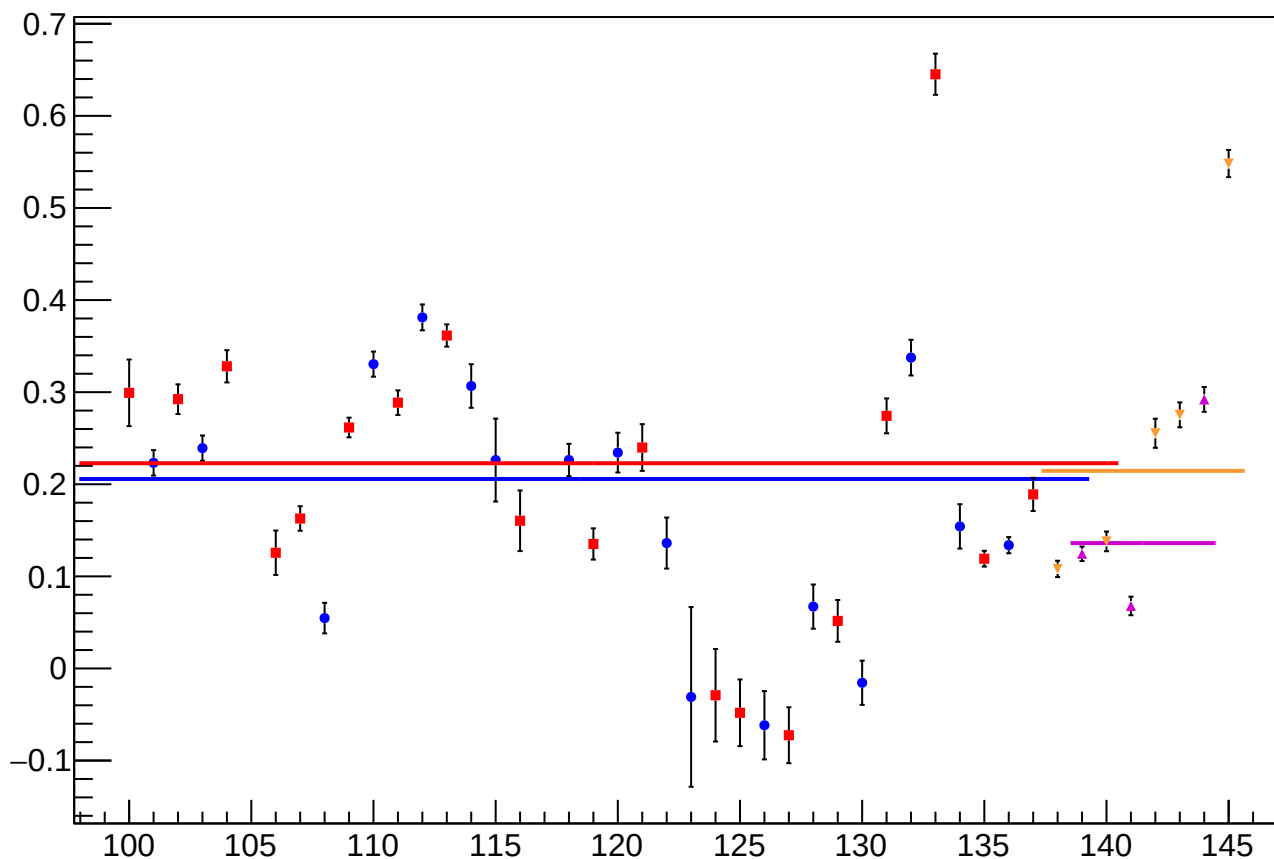
Right: -1.726 ± 0.050 χ^2/NDF : 2702.6/35

In: -1.546 ± 0.064 χ^2/NDF : 1721.2/19

Out: -1.492 ± 0.059 χ^2/NDF : 1789.8/23

All: -1.517 ± 0.044 χ^2/NDF : 3511.4/43

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206 $\pm$ 0.004 χ^2 /NDF: 651.8/16

Left Out: 0.215 $\pm$ 0.005 χ^2 /NDF:731.0/4

Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1042.2/18

Left In: 0.136 $\pm$ 0.006 χ^2 /NDF:182.4/2

Left: 0.178 $\pm$ 0.004 χ^2 /NDF: 1015.9/7

Right: 0.215 $\pm$ 0.003 χ^2 /NDF: 1702.9/35

In: 0.180 $\pm$ 0.003 χ^2 /NDF:931.3/19

Out: 0.220 $\pm$ 0.003 χ^2 /NDF:1774.8/23

All: 0.202 $\pm$ 0.002 χ^2 /NDF: 2779.7/43