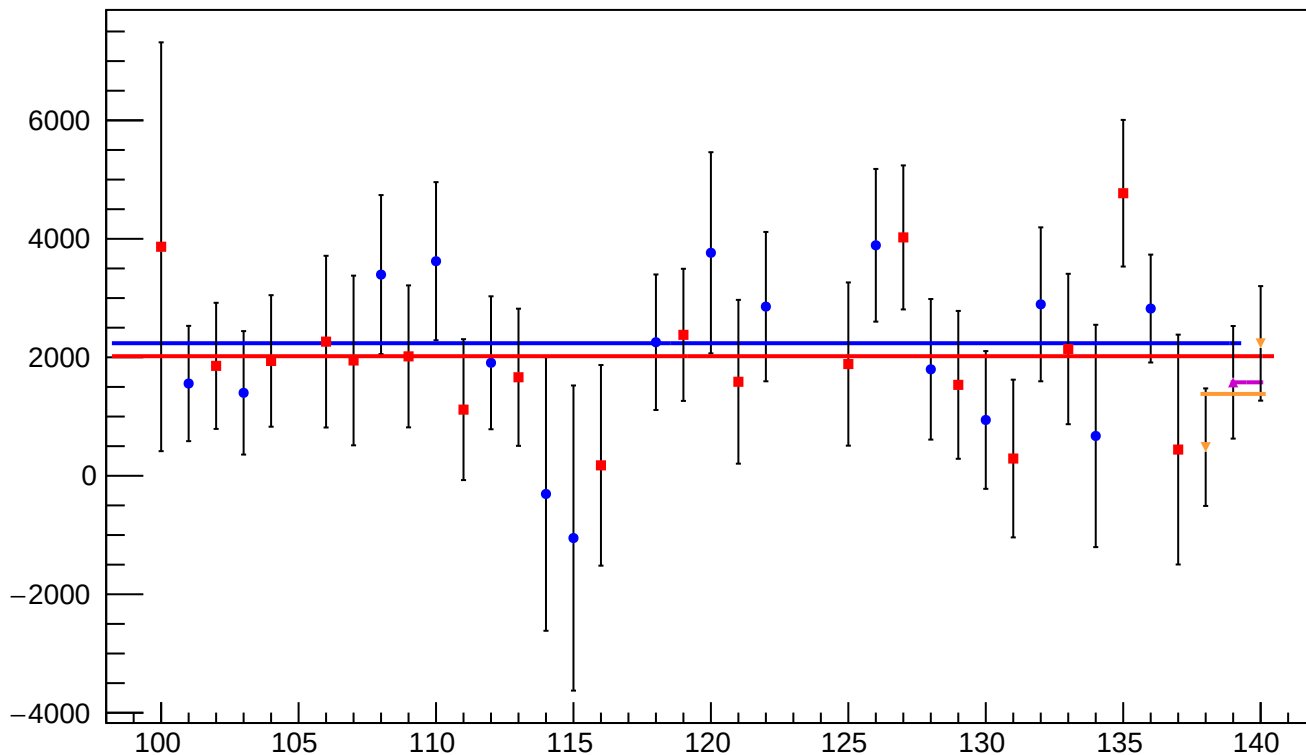


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

Left Out: 1381.837+/-692.363

Right Out: 2018.625+/-308.362

Left In: 1577.768+/-950.363

χ^2/NDF : 11.3/15

χ^2/NDF : 1.6/1

χ^2/NDF : 12.6/17

χ^2/NDF : 0.0/0

Left: 1449.771+/-559.606

Right: 2126.067+/-220.232

In: 2172.716+/-298.697

Out: 1913.220+/-281.687

All: 2035.369+/-204.933

χ^2/NDF : 1.6/2

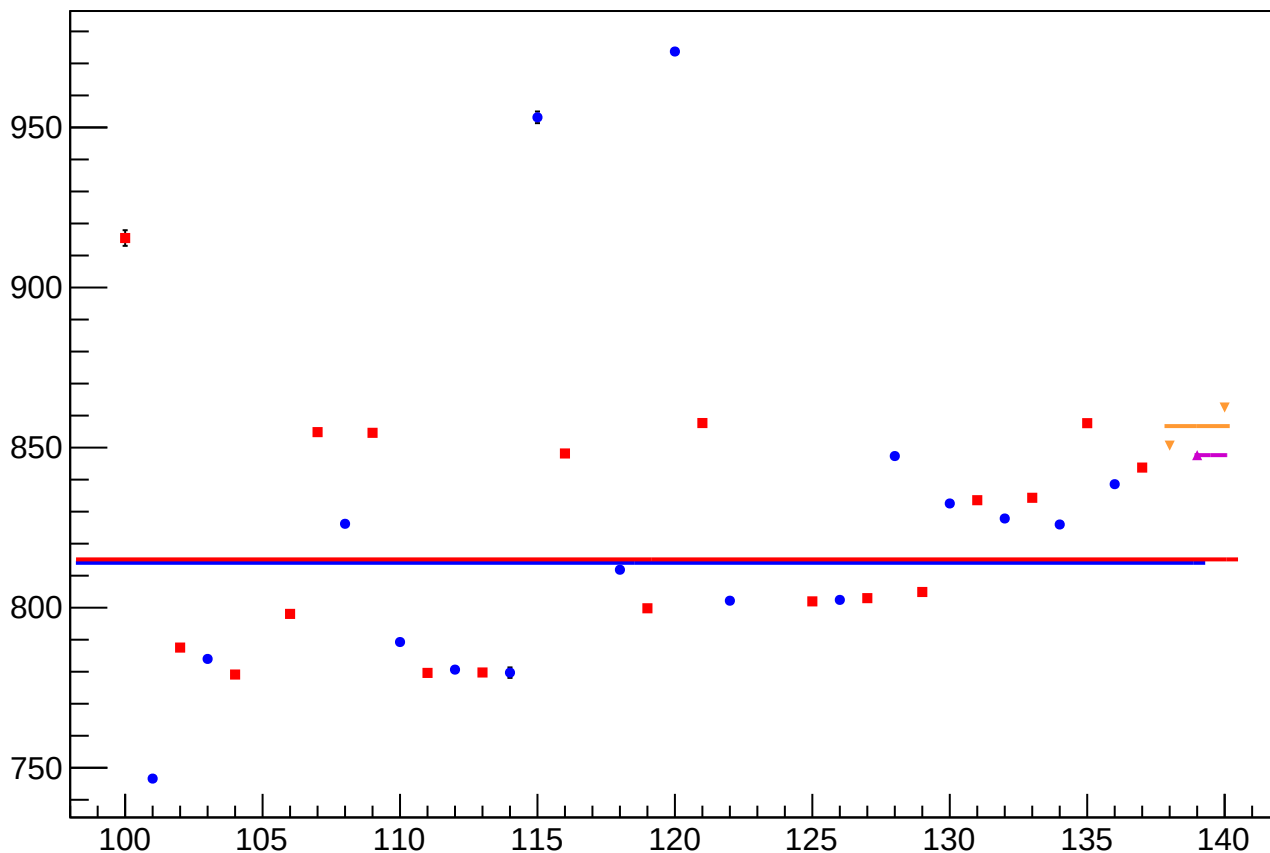
χ^2/NDF : 24.1/33

χ^2/NDF : 11.8/16

χ^2/NDF : 14.9/19

χ^2/NDF : 27.0/36

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 856.720 $\pm$ 0.490 χ^2 /NDF:147.6/1

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

Left In: 847.647 $\pm$ 0.672 χ^2 /NDF:0.0/0

Left: 853.574 $\pm$ 0.396 χ^2 /NDF: 266.7/2

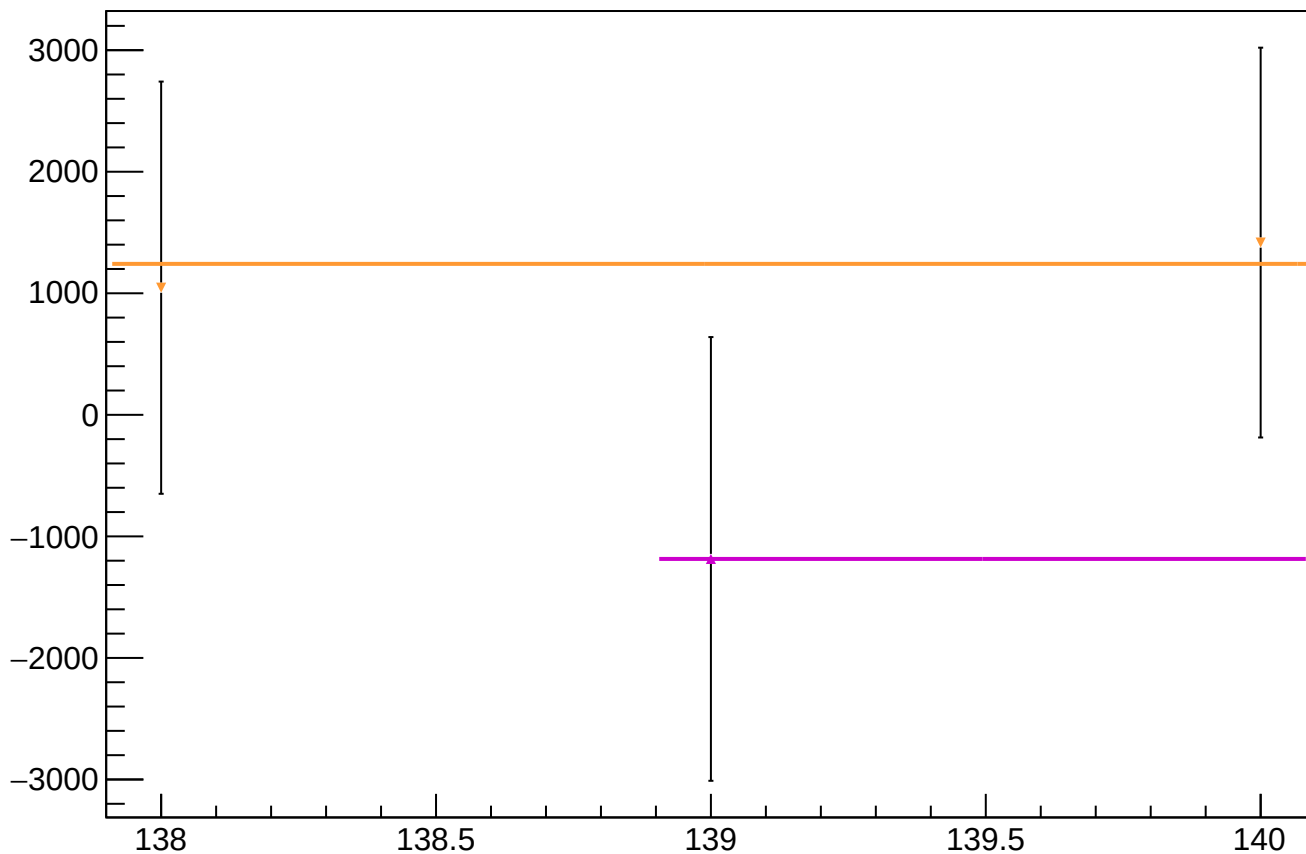
Right: 814.563 $\pm$ 0.156 χ^2 /NDF: 62012.6/33

In: 817.343 $\pm$ 0.211 χ^2 /NDF:44298.2/16

Out: 821.976 $\pm$ 0.199 χ^2 /NDF:26142.4/19

All: 819.795 $\pm$ 0.145 χ^2 /NDF: 70695.2/36

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1241.940 ± 1165.062 $\chi^2/\text{NDF}: 0.0/1$

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

Left In: -1185.528 ± 1825.288 $\chi^2/\text{NDF}: 0.0/0$

Left: 539.245 ± 982.060 $\chi^2/\text{NDF}: 1.3/2$

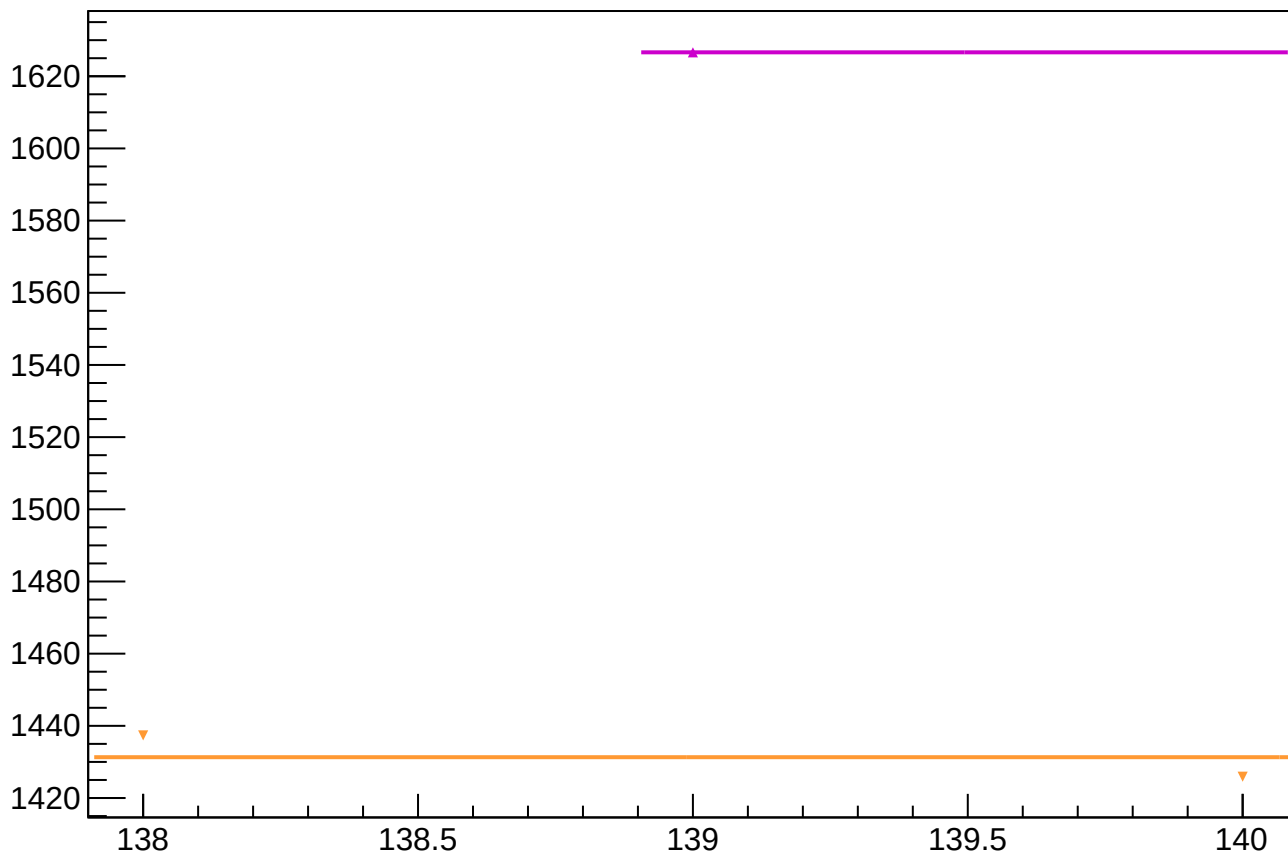
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -1185.528 ± 1825.288 $\chi^2/\text{NDF}: 0.0/0$

Out: 1241.940 ± 1165.062 $\chi^2/\text{NDF}: 0.0/1$

All: 539.245 ± 982.060 $\chi^2/\text{NDF}: 1.3/2$

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1431.309+/-0.824 χ^2/NDF : 48.1/1

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

Left In: 1626.628+/-1.291 χ^2/NDF : 0.0/0

Left: 1487.850+/-0.694 χ^2/NDF : 16319.9/2

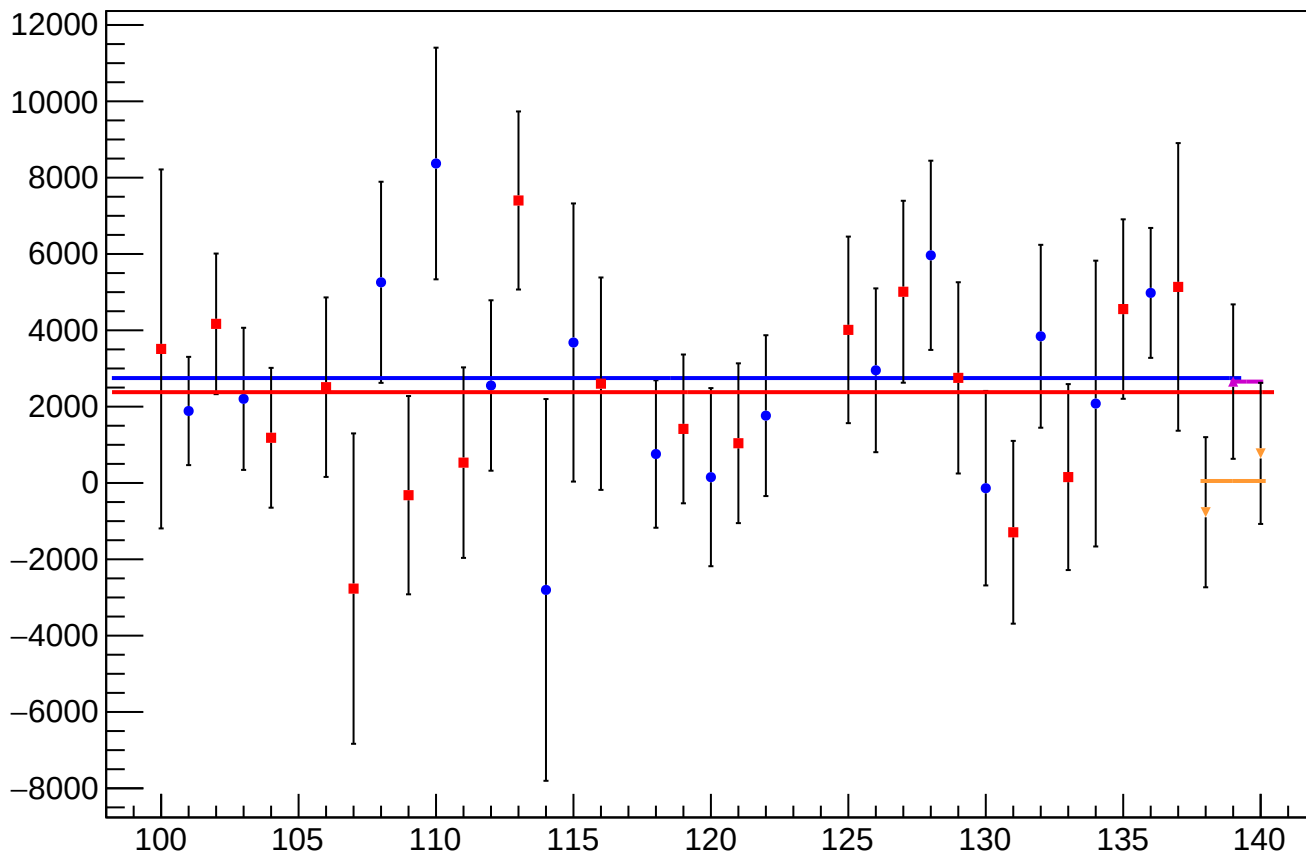
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1626.628+/-1.291 χ^2/NDF : 0.0/0

Out: 1431.309+/-0.824 χ^2/NDF : 48.1/1

All: 1487.850+/-0.694 χ^2/NDF : 16319.9/2

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 52.218+/-1347.118 χ^2/NDF : 0.3/1

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

Left In: 2656.060+/-2023.386 χ^2/NDF : 0.0/0

Left: 851.915+/-1121.331 χ^2/NDF : 1.5/2

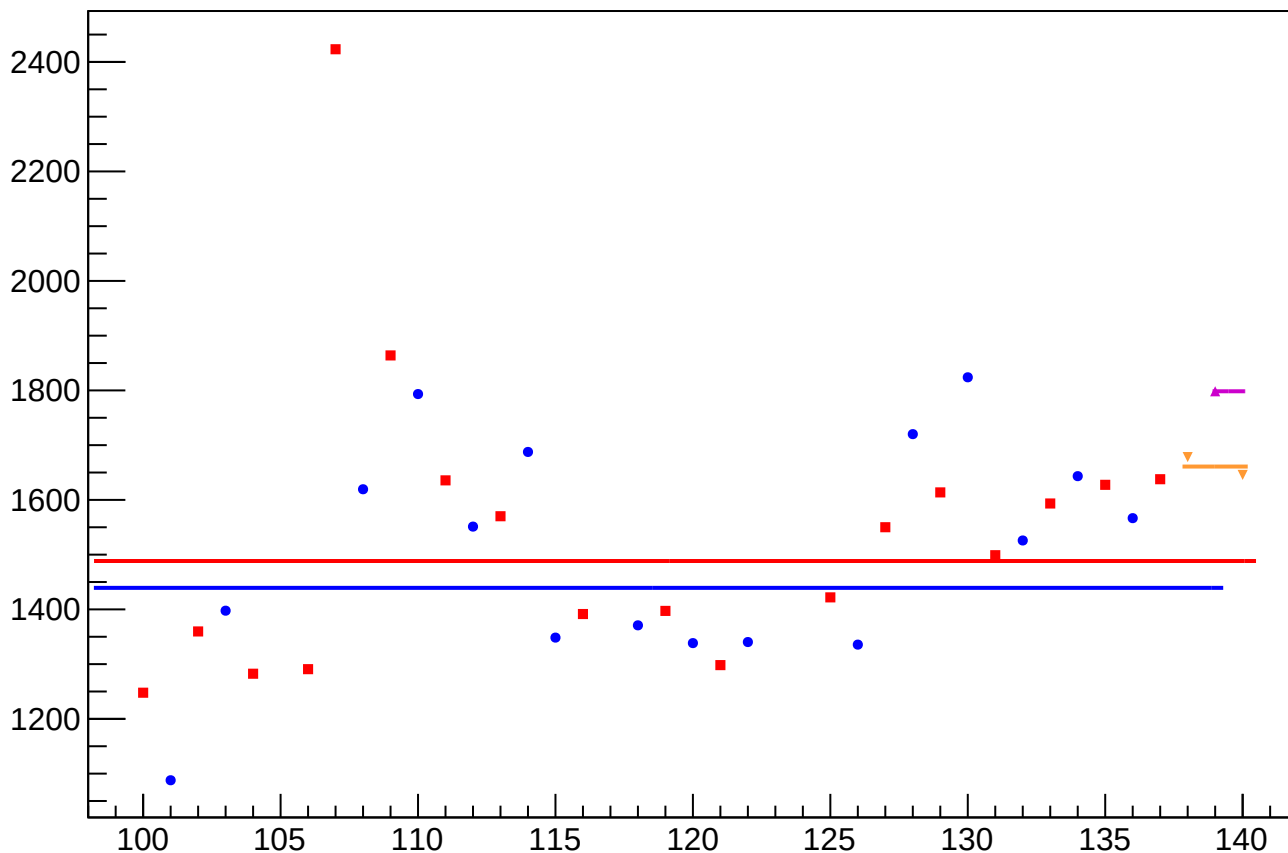
Right: 2566.079+/-400.174 χ^2/NDF : 30.0/33

In: 2742.116+/-542.344 χ^2/NDF : 13.6/16

Out: 2027.149+/-524.135 χ^2/NDF : 19.1/19

All: 2372.428+/-376.892 χ^2/NDF : 33.5/36

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1660.906+/-0.953 χ^2/NDF : 291.1/1

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

Left In: 1798.410+/-1.431 χ^2/NDF : 0.0/0

Left: 1703.136+/-0.793 χ^2/NDF : 6690.8/2

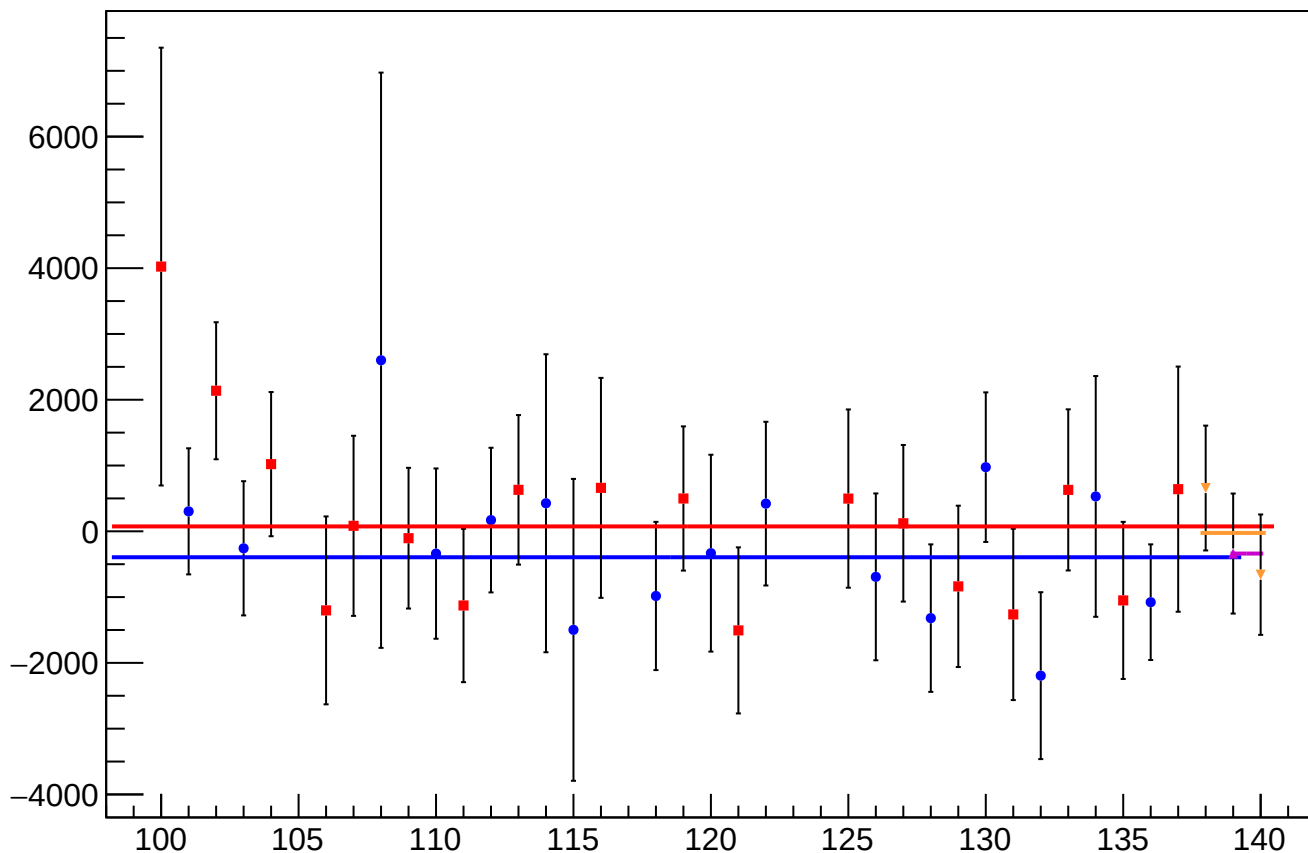
Right: 1463.597+/-0.283 χ^2/NDF : 541697.1/33

In: 1465.130+/-0.383 χ^2/NDF : 336322.5/16

Out: 1514.501+/-0.371 χ^2/NDF : 284452.7/19

All: 1490.658+/-0.267 χ^2/NDF : 629344.9/36

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -24.477 ± 658.681 χ^2/NDF : 1.0/1

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

Left In: -338.172 ± 912.310 χ^2/NDF : 0.0/0

Left: -131.966 ± 534.037 χ^2/NDF : 1.1/2

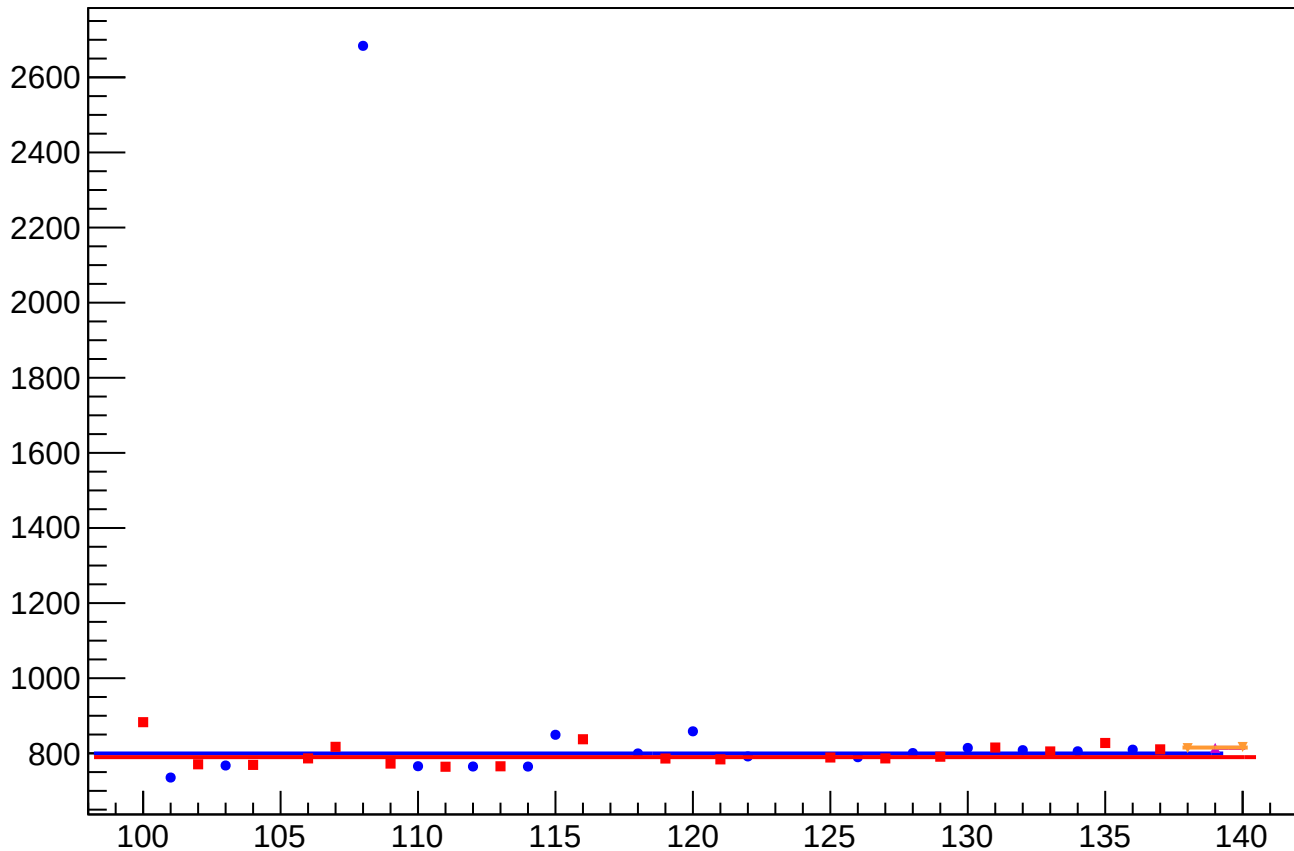
Right: -148.721 ± 216.034 χ^2/NDF : 21.5/33

In: -388.440 ± 296.208 χ^2/NDF : 7.4/16

Out: 57.471 ± 271.807 χ^2/NDF : 14.0/19

All: -146.365 ± 200.268 χ^2/NDF : 22.6/36

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 815.354+/-0.466 χ^2/NDF :10.5/1

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

Left In: 814.421+/-0.645 χ^2/NDF :0.0/0

Left: 815.034+/-0.378 χ^2/NDF : 11.8/2

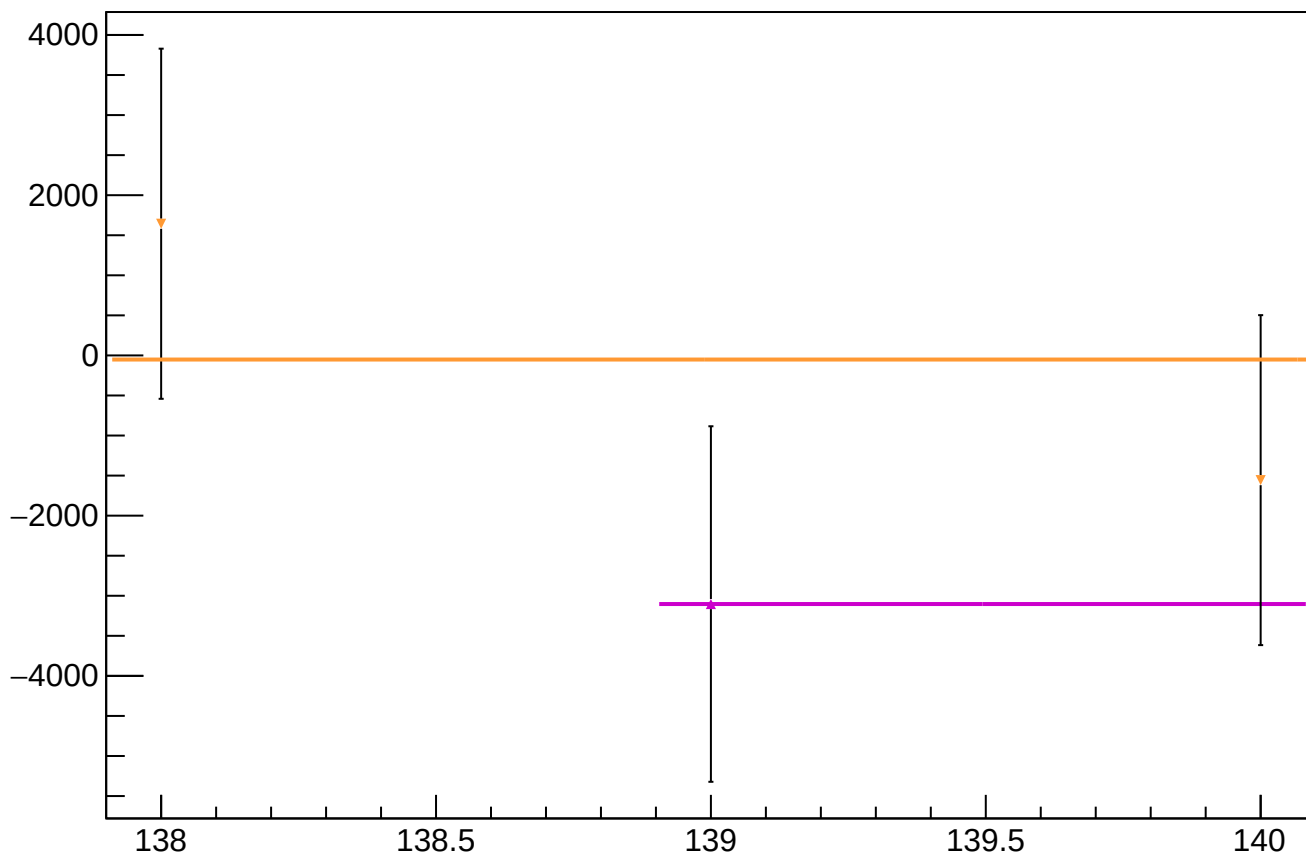
Right: 794.430+/-0.153 χ^2/NDF : 403375.5/33

In: 801.106+/-0.209 χ^2/NDF :391662.1/16

Out: 794.146+/-0.192 χ^2/NDF :13684.2/19

All: 797.328+/-0.142 χ^2/NDF : 405945.7/36

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -51.365 ± 1498.722 χ^2/NDF : 1.1/1

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -3103.212 ± 2218.898 χ^2/NDF : 0.0/0

Left: -1007.469 ± 1241.963 χ^2/NDF : 2.4/2

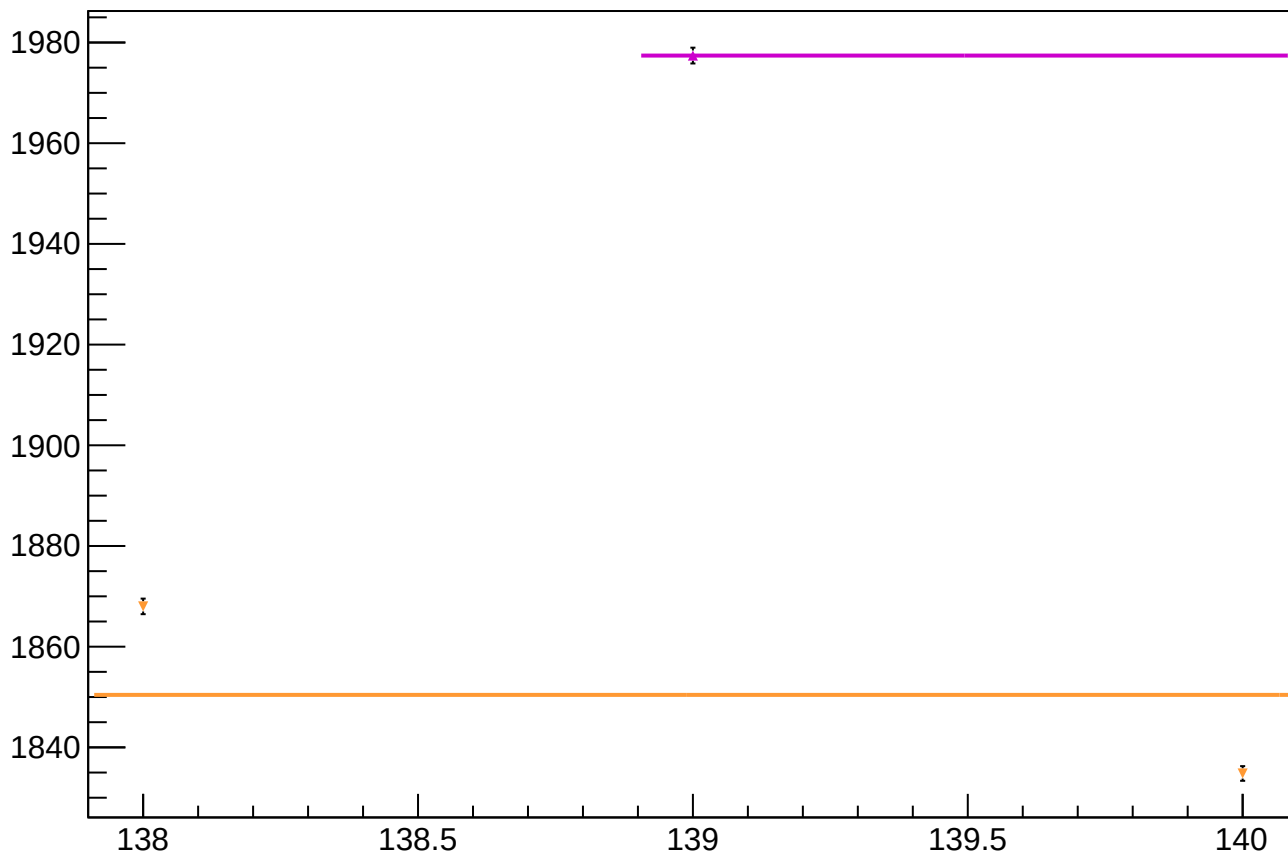
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -3103.212 ± 2218.898 χ^2/NDF : 0.0/0

Out: -51.365 ± 1498.722 χ^2/NDF : 1.1/1

All: -1007.469 ± 1241.963 χ^2/NDF : 2.4/2

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1850.426+/-1.060 χ^2/NDF :244.3/1

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

Left In: 1977.406+/-1.569 χ^2/NDF :0.0/0

Left: 1890.207+/-0.878 χ^2/NDF : 4742.1/2

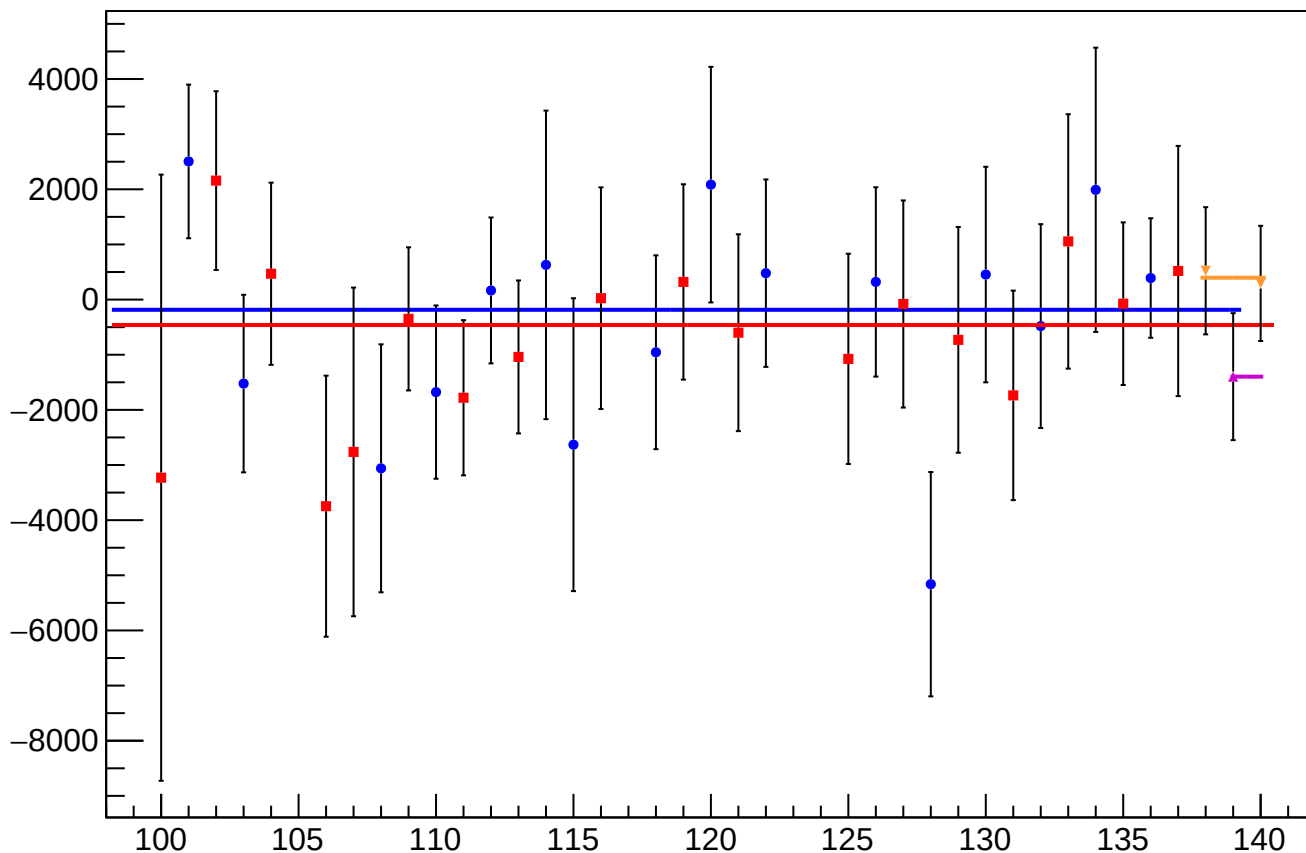
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1977.406+/-1.569 χ^2/NDF :0.0/0

Out: 1850.426+/-1.060 χ^2/NDF :244.3/1

All: 1890.207+/-0.878 χ^2/NDF : 4742.1/2

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 396.675 ± 774.176 $\chi^2/\text{NDF}: 0.0/1$

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

Left In: -1397.462 ± 1151.525 $\chi^2/\text{NDF}: 0.0/0$

Left: -161.825 ± 642.476 $\chi^2/\text{NDF}: 1.7/2$

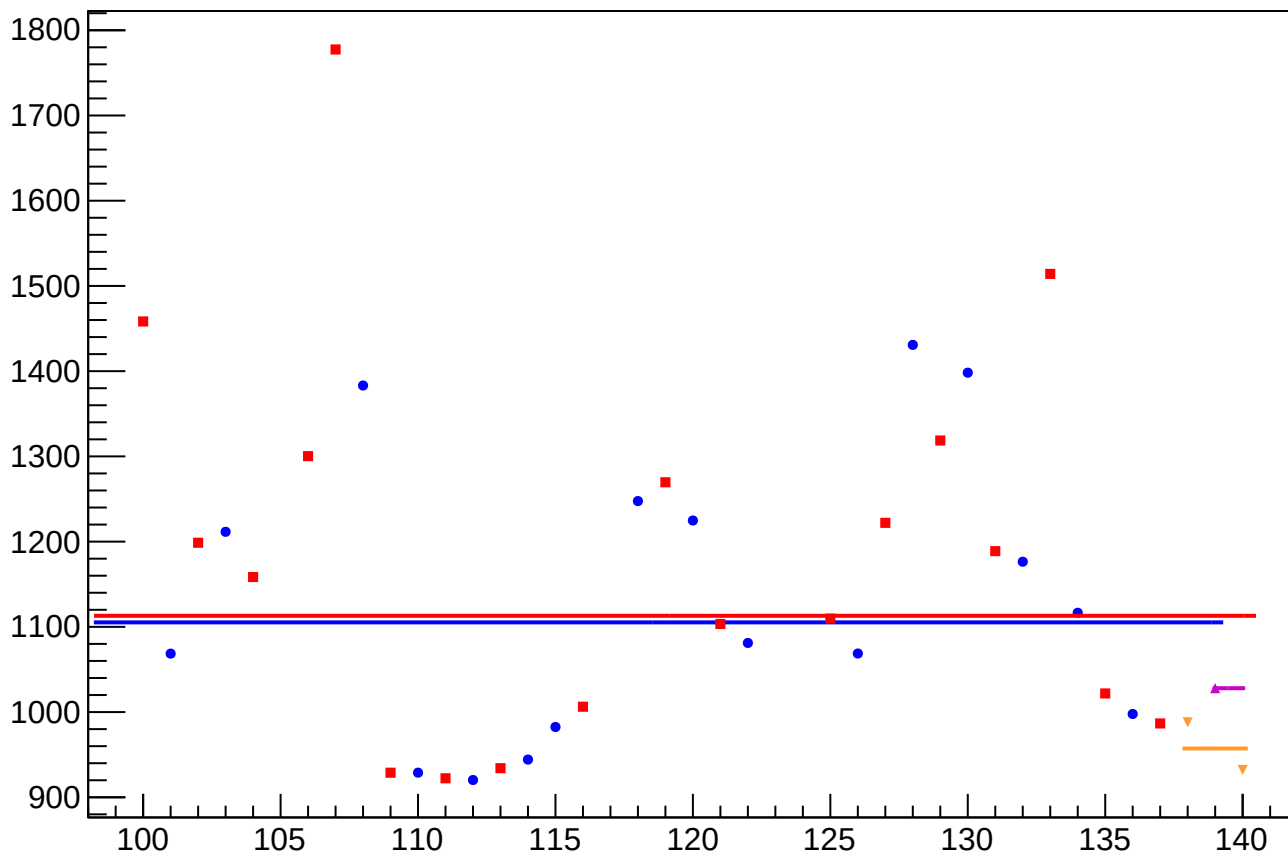
Right: -324.625 ± 303.483 $\chi^2/\text{NDF}: 25.2/33$

In: -334.331 ± 404.059 $\chi^2/\text{NDF}: 17.6/16$

Out: -261.195 ± 373.845 $\chi^2/\text{NDF}: 9.3/19$

All: -294.927 ± 274.409 $\chi^2/\text{NDF}: 26.9/36$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 957.279+/-0.547 χ^2/NDF : 2580.5/1

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

Left In: 1028.013+/-0.814 χ^2/NDF : 0.0/0

Left: 979.298+/-0.454 χ^2/NDF : 7777.7/2

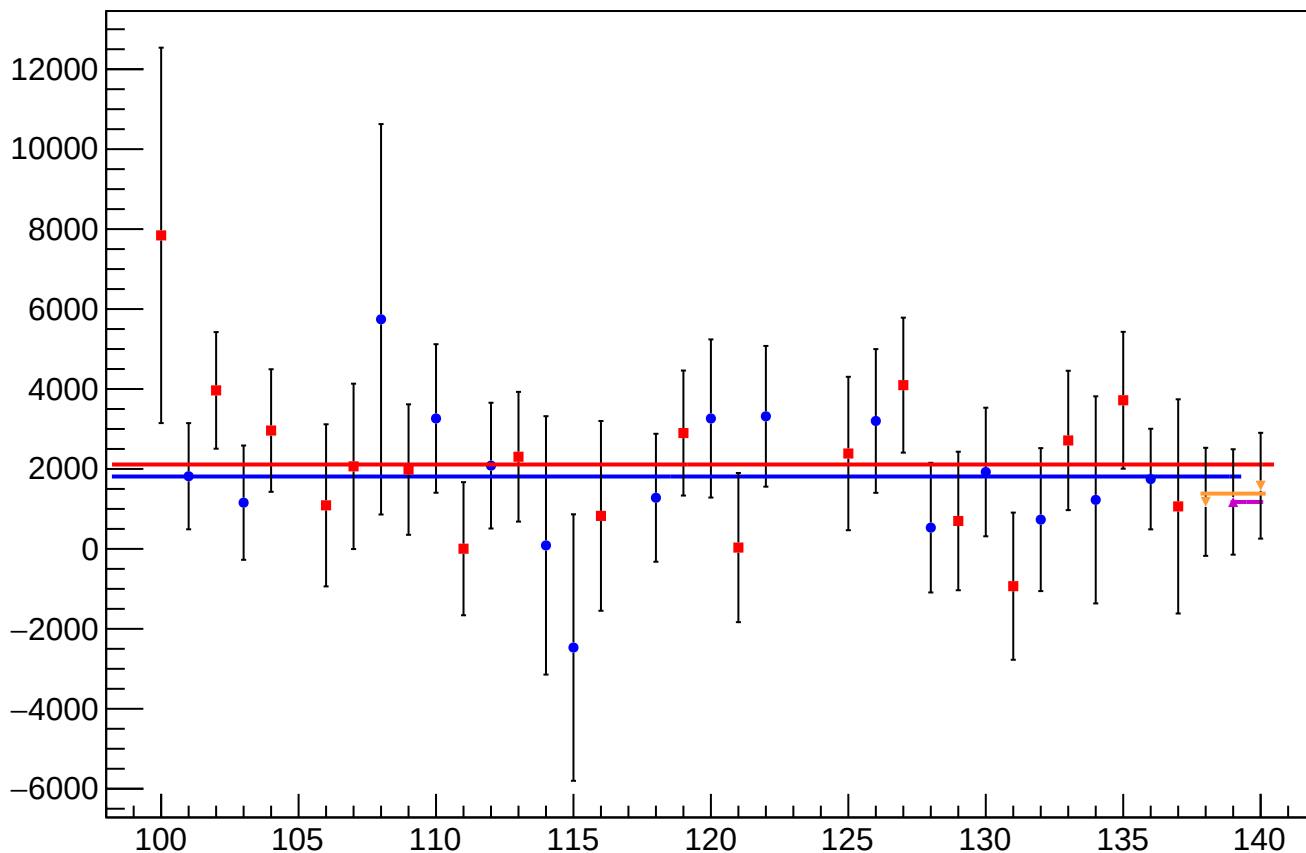
Right: 1109.146+/-0.215 χ^2/NDF : 618686.6/33

In: 1095.728+/-0.286 χ^2/NDF : 263253.2/16

Out: 1076.668+/-0.264 χ^2/NDF : 427604.0/19

All: 1085.459+/-0.194 χ^2/NDF : 693254.8/36

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1382.983+/-945.731 χ^2/NDF : 0.0/1

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

Left In: 1174.157+/-1318.494 χ^2/NDF : 0.0/0

Left: 1312.042+/-768.483 χ^2/NDF : 0.1/2

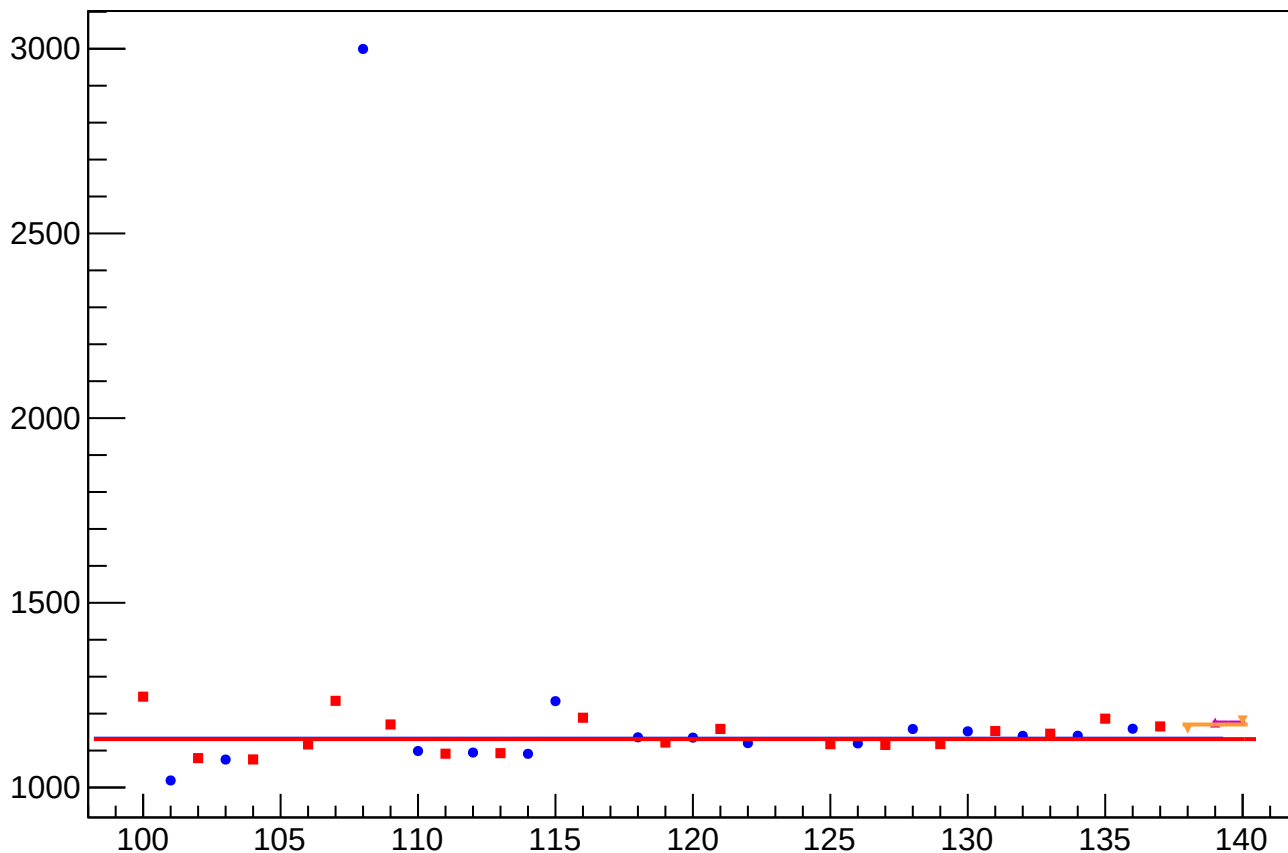
Right: 1966.016+/-307.400 χ^2/NDF : 19.7/33

In: 1746.673+/-419.199 χ^2/NDF : 6.7/16

Out: 1987.400+/-389.683 χ^2/NDF : 13.6/19

All: 1875.809+/-285.412 χ^2/NDF : 20.4/36

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1132.074 $\pm$ 0.313 χ^2 /NDF: 316026.3/15

Left Out: 1170.547 $\pm$ 0.669 χ^2 /NDF:279.1/1

Right Out: 1131.016 $\pm$ 0.302 χ^2 /NDF: 19719.1/17

Left In: 1175.897 $\pm$ 0.932 χ^2 /NDF:0.0/0

Left: 1172.365 $\pm$ 0.543 χ^2 /NDF: 300.9/2

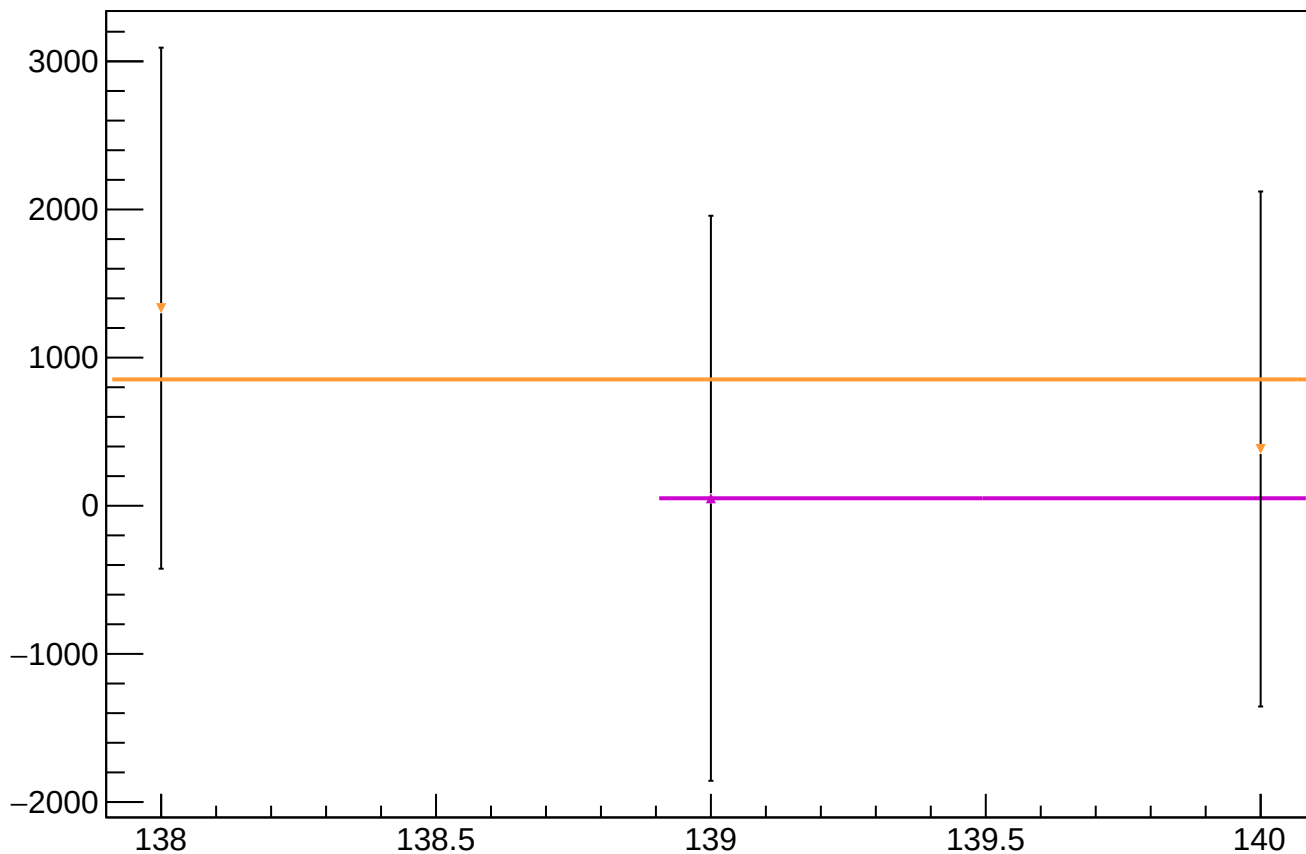
Right: 1131.528 $\pm$ 0.217 χ^2 /NDF: 335751.3/33

In: 1136.504 $\pm$ 0.296 χ^2 /NDF:318012.3/16

Out: 1137.728 $\pm$ 0.276 χ^2 /NDF:22899.4/19

All: 1137.161 $\pm$ 0.202 χ^2 /NDF: 340920.8/36

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 852.915 $\pm$ 1236.296 χ^2/NDF : 0.1/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 50.482 $\pm$ 1907.156 χ^2/NDF : 0.0/0

Left: 615.490 $\pm$ 1037.397 χ^2/NDF : 0.3/2

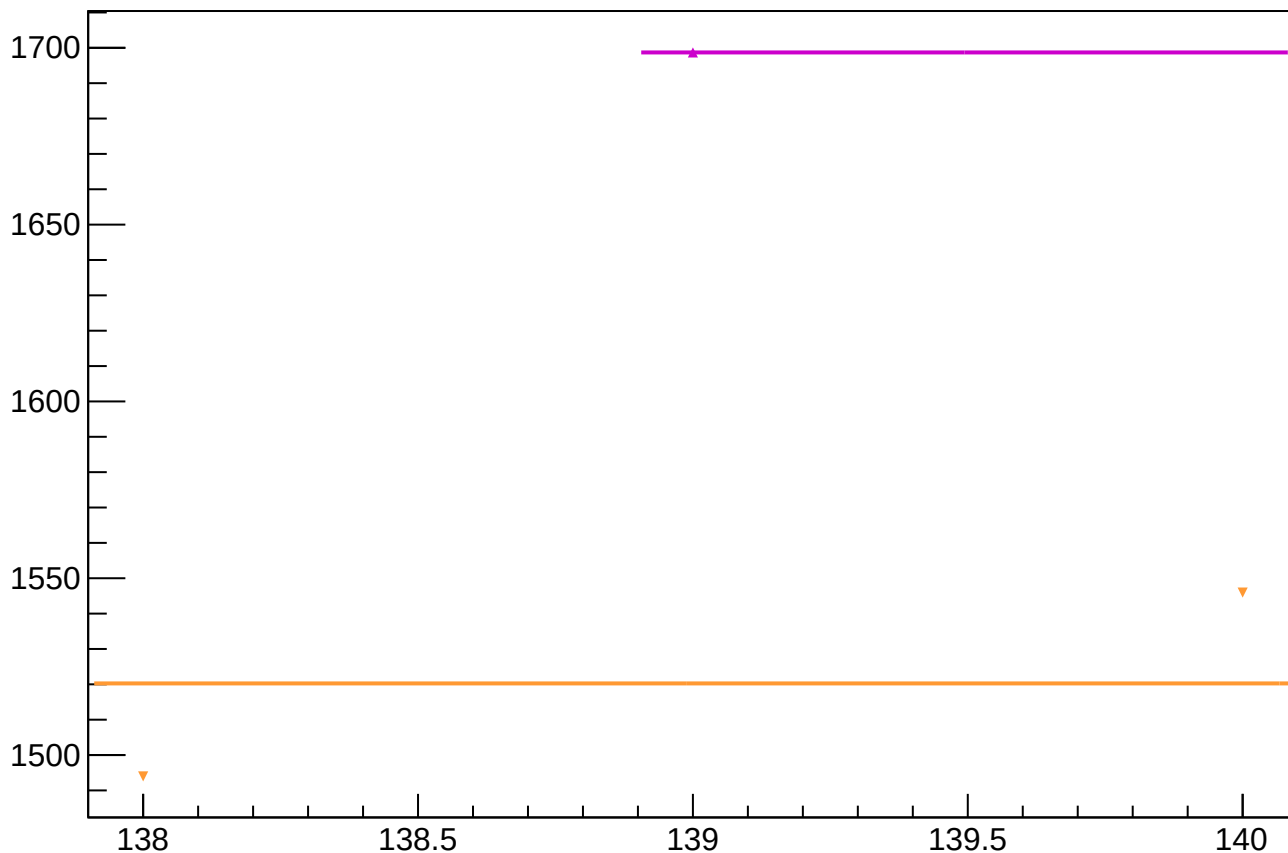
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 50.482 $\pm$ 1907.156 χ^2/NDF : 0.0/0

Out: 852.915 $\pm$ 1236.296 χ^2/NDF : 0.1/1

All: 615.490 $\pm$ 1037.397 χ^2/NDF : 0.3/2

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1520.257+/-0.874 χ^2/NDF : 883.9/1

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

Left In: 1698.693+/-1.349 χ^2/NDF : 0.0/0

Left: 1573.053+/-0.734 χ^2/NDF : 13211.3/2

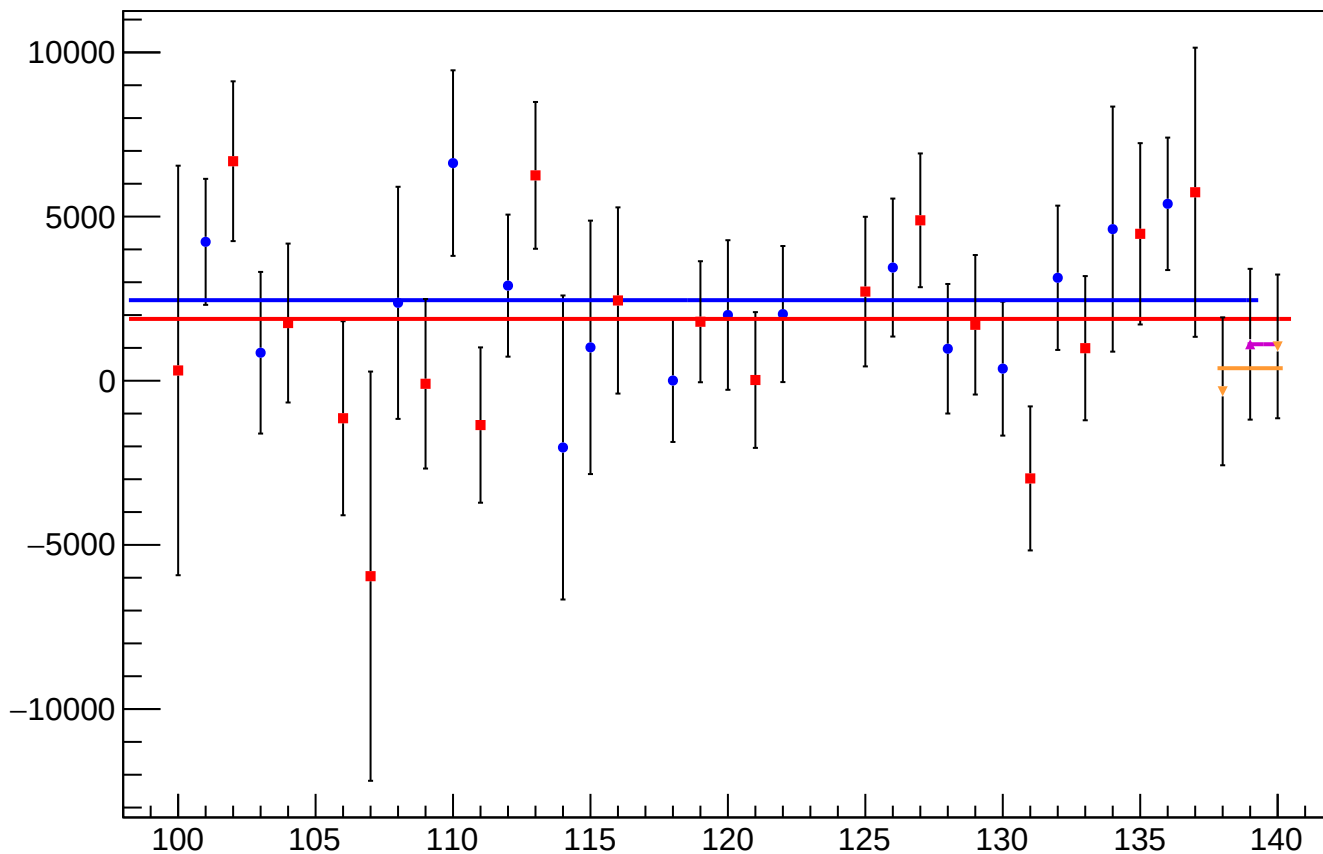
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1698.693+/-1.349 χ^2/NDF : 0.0/0

Out: 1520.257+/-0.874 χ^2/NDF : 883.9/1

All: 1573.053+/-0.734 χ^2/NDF : 13211.3/2

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 381.356+/-1569.749 χ^2/NDF : 0.2/1

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

Left In: 1111.596+/-2296.306 χ^2/NDF : 0.0/0

Left: 613.922+/-1295.896 χ^2/NDF : 0.3/2

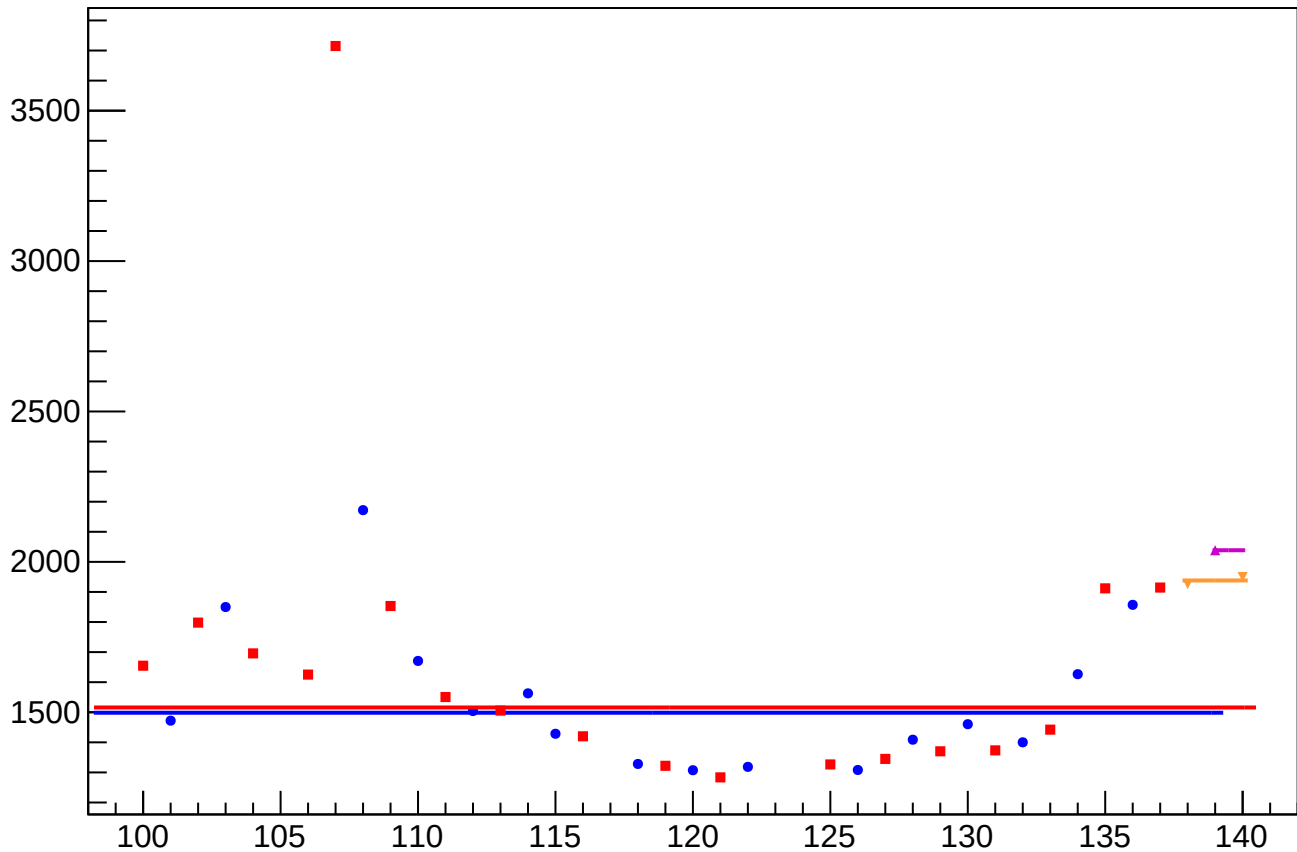
Right: 2167.665+/-412.771 χ^2/NDF : 34.0/33

In: 2372.059+/-566.262 χ^2/NDF : 11.1/16

Out: 1700.658+/-546.680 χ^2/NDF : 23.7/19

All: 2024.549+/-393.302 χ^2/NDF : 35.5/36

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1938.168+/-1.110 χ^2/NDF :112.2/1

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

Left In: 2038.710+/-1.624 χ^2/NDF :0.0/0

Left: 1970.189+/-0.916 χ^2/NDF : 2725.2/2

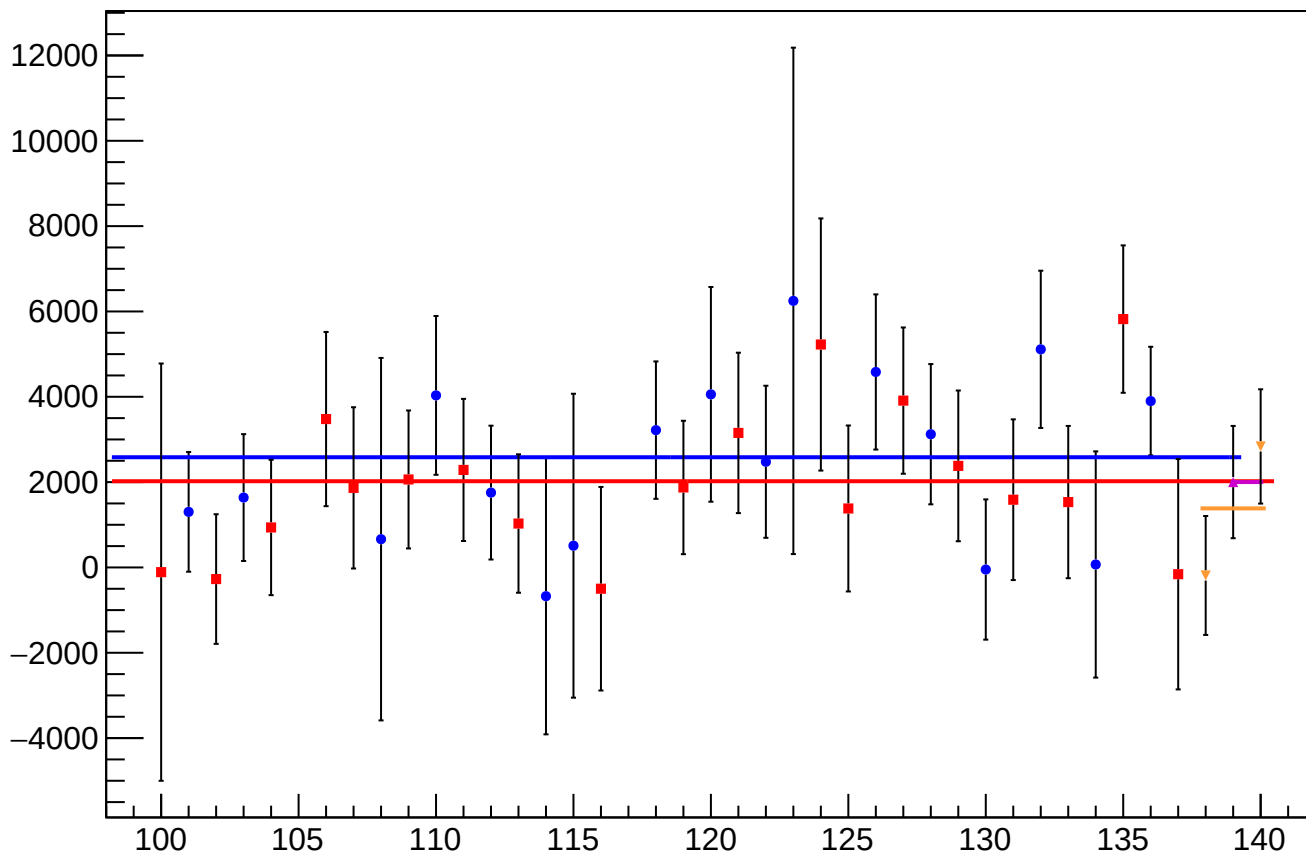
Right: 1507.233+/-0.292 χ^2/NDF : 740243.9/33

In: 1531.336+/-0.400 χ^2/NDF :362769.2/16

Out: 1567.157+/-0.387 χ^2/NDF :607797.2/19

All: 1549.877+/-0.278 χ^2/NDF : 974709.0/36

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1384.188 $\pm$ 965.739 χ^2 /NDF: 2.4/1

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

Left In: 2001.219 $\pm$ 1315.850 χ^2 /NDF: 0.0/0

Left: 1600.198 $\pm$ 778.556 χ^2 /NDF: 2.6/2

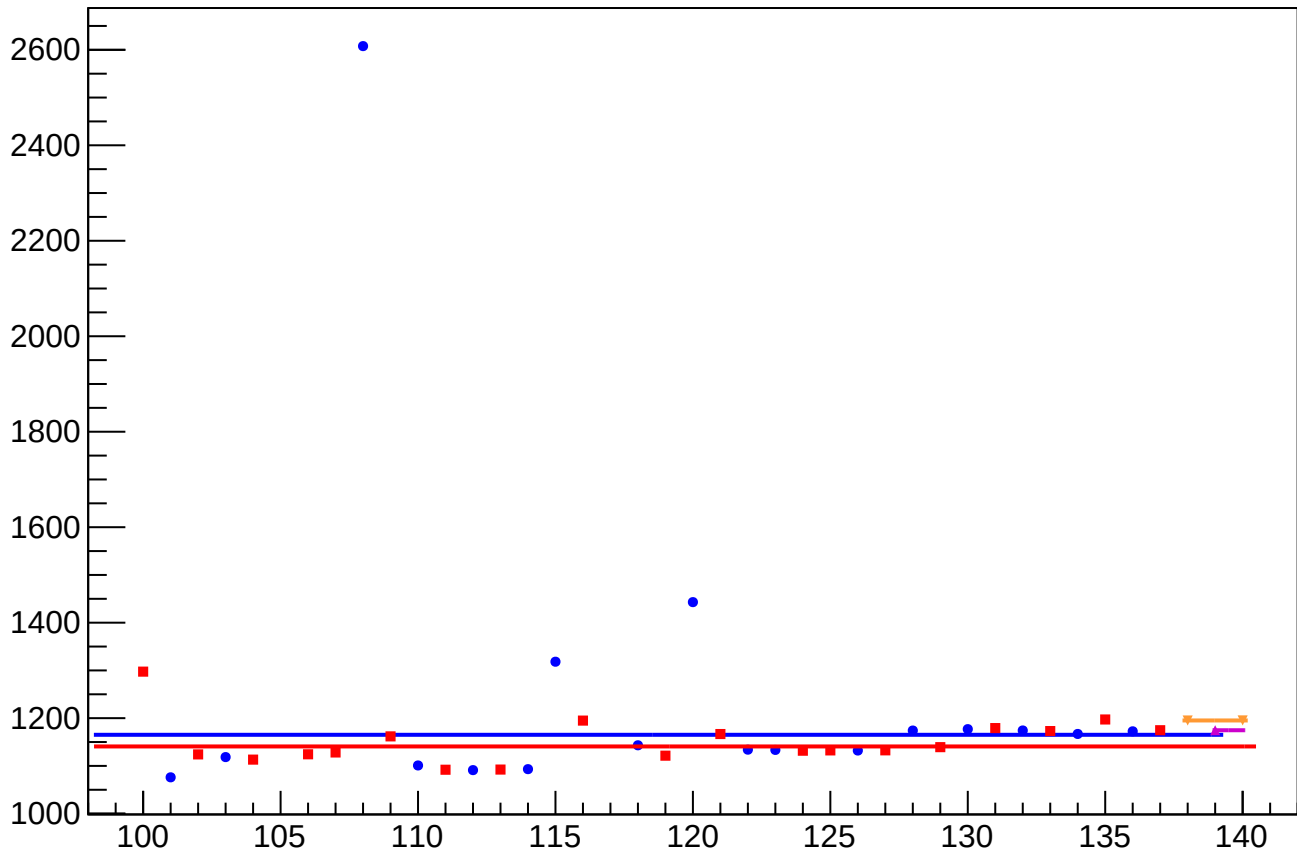
Right: 2284.984 $\pm$ 310.688 χ^2 /NDF: 26.6/35

In: 2521.297 $\pm$ 428.492 χ^2 /NDF: 12.5/17

Out: 1916.742 $\pm$ 390.343 χ^2 /NDF: 16.3/20

All: 2190.915 $\pm$ 288.560 χ^2 /NDF: 29.9/38

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1195.190 $\pm$ 0.683 χ^2 /NDF:0.0/1

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

Left In: 1174.692 $\pm$ 0.930 χ^2 /NDF:0.0/0

Left: 1188.014 $\pm$ 0.551 χ^2 /NDF: 315.5/2

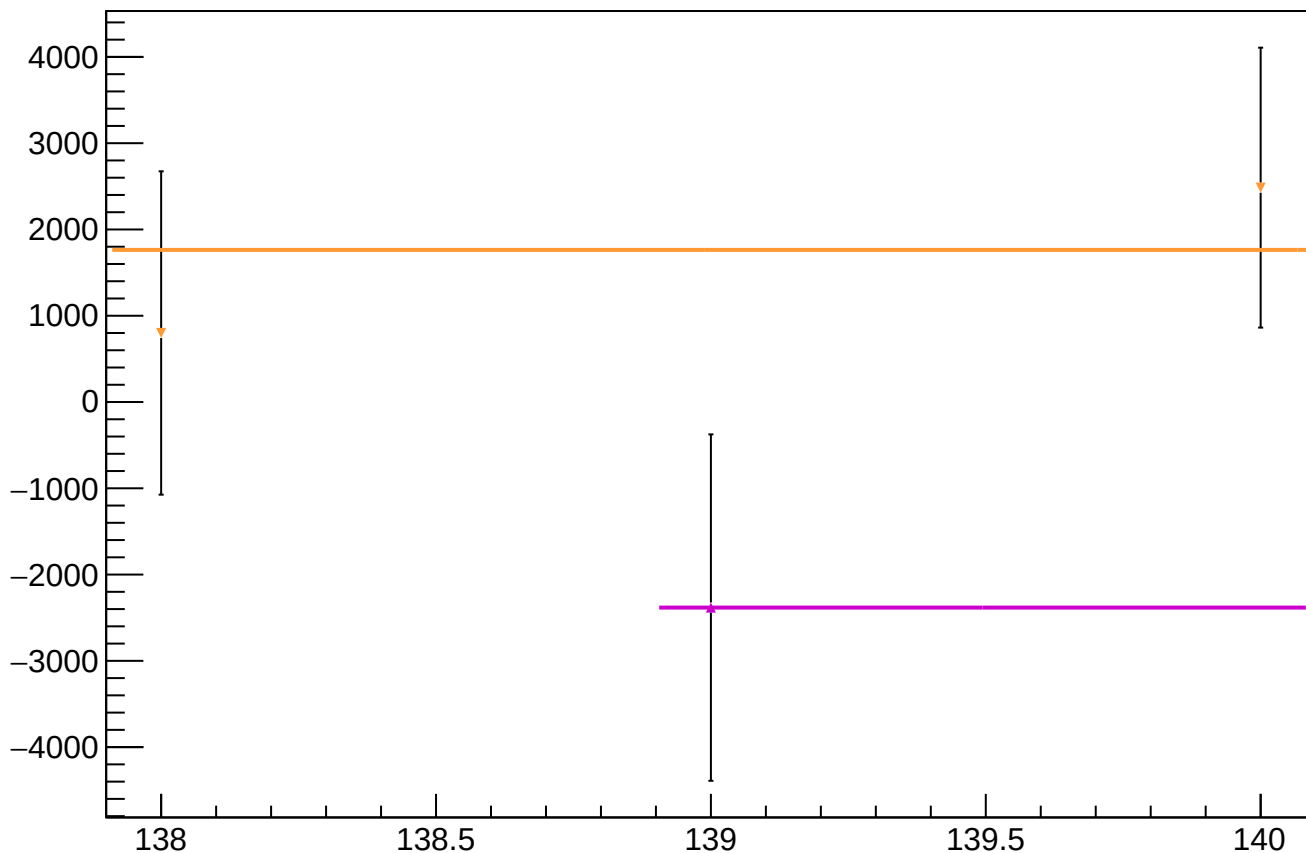
Right: 1152.217 $\pm$ 0.220 χ^2 /NDF: 294359.2/35

In: 1166.158 $\pm$ 0.303 χ^2 /NDF:278664.2/17

Out: 1149.645 $\pm$ 0.276 χ^2 /NDF:18034.6/20

All: 1157.134 $\pm$ 0.204 χ^2 /NDF: 298322.0/38

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1763.244+/-1226.537 χ^2/NDF : 0.5/1

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

Left In: -2382.709+/-2007.652 χ^2/NDF : 0.0/0

Left: 636.400+/-1046.666 χ^2/NDF : 3.6/2

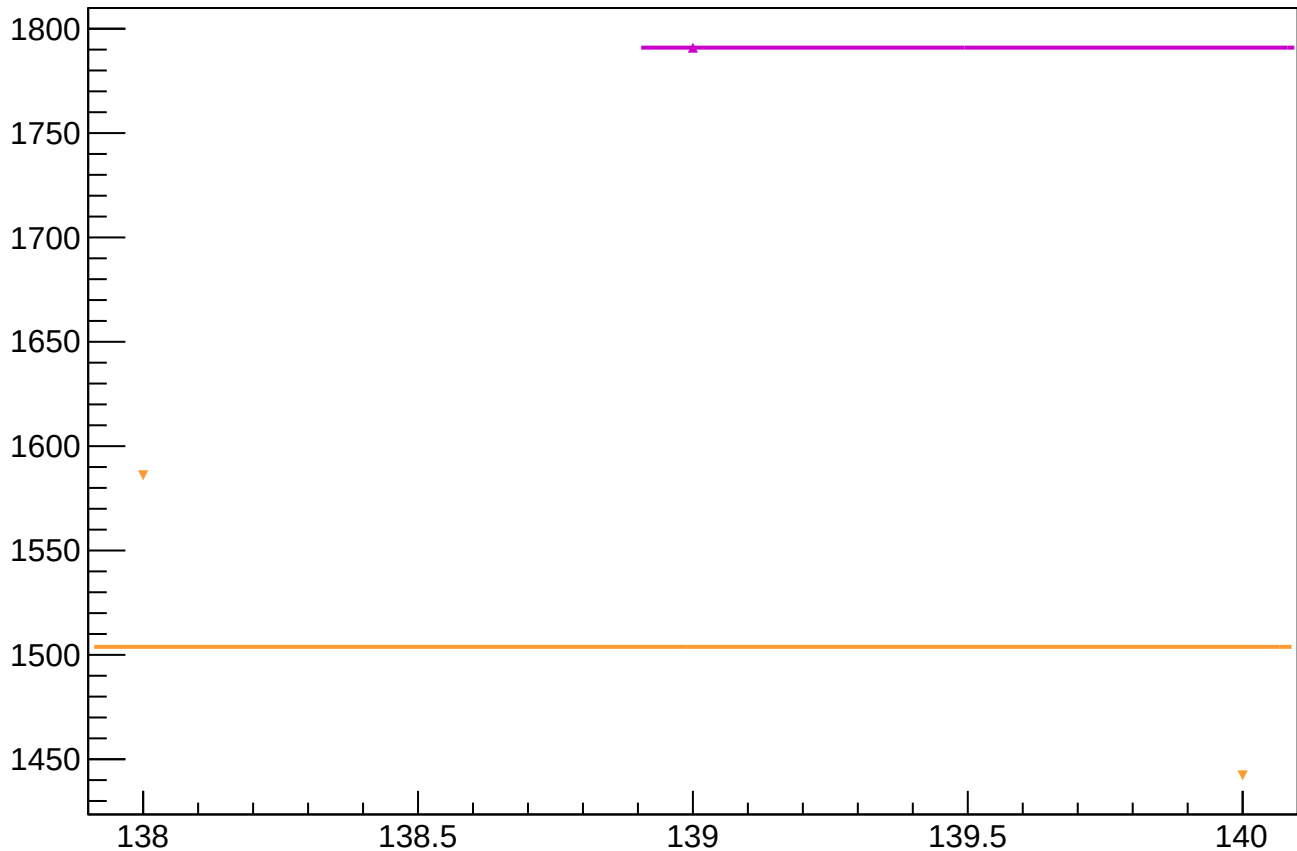
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2382.709+/-2007.652 χ^2/NDF : 0.0/0

Out: 1763.244+/-1226.537 χ^2/NDF : 0.5/1

All: 636.400+/-1046.666 χ^2/NDF : 3.6/2

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1503.838+/-0.867 χ^2/NDF : 6729.4/1

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

Left In: 1790.944+/-1.420 χ^2/NDF : 0.0/0

Left: 1581.871+/-0.740 χ^2/NDF : 36514.1/2

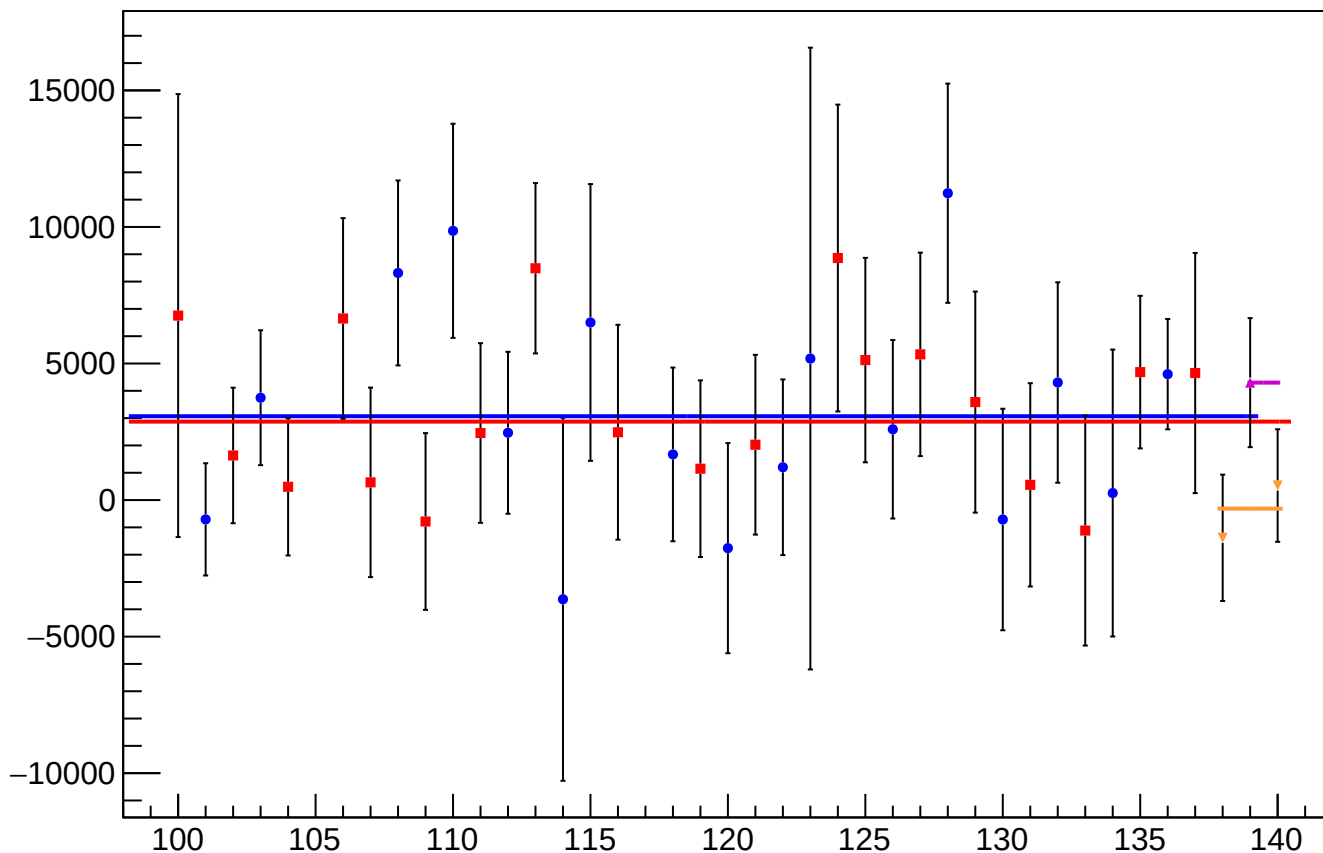
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1790.944+/-1.420 χ^2/NDF : 0.0/0

Out: 1503.838+/-0.867 χ^2/NDF : 6729.4/1

All: 1581.871+/-0.740 χ^2/NDF : 36514.1/2

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -314.886 $\pm$ 1538.649 χ^2 /NDF:0.4/1

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

Left In: 4300.197 $\pm$ 2362.363 χ^2 /NDF:0.0/0

Left: 1059.757 $\pm$ 1289.293 χ^2 /NDF: 3.1/2

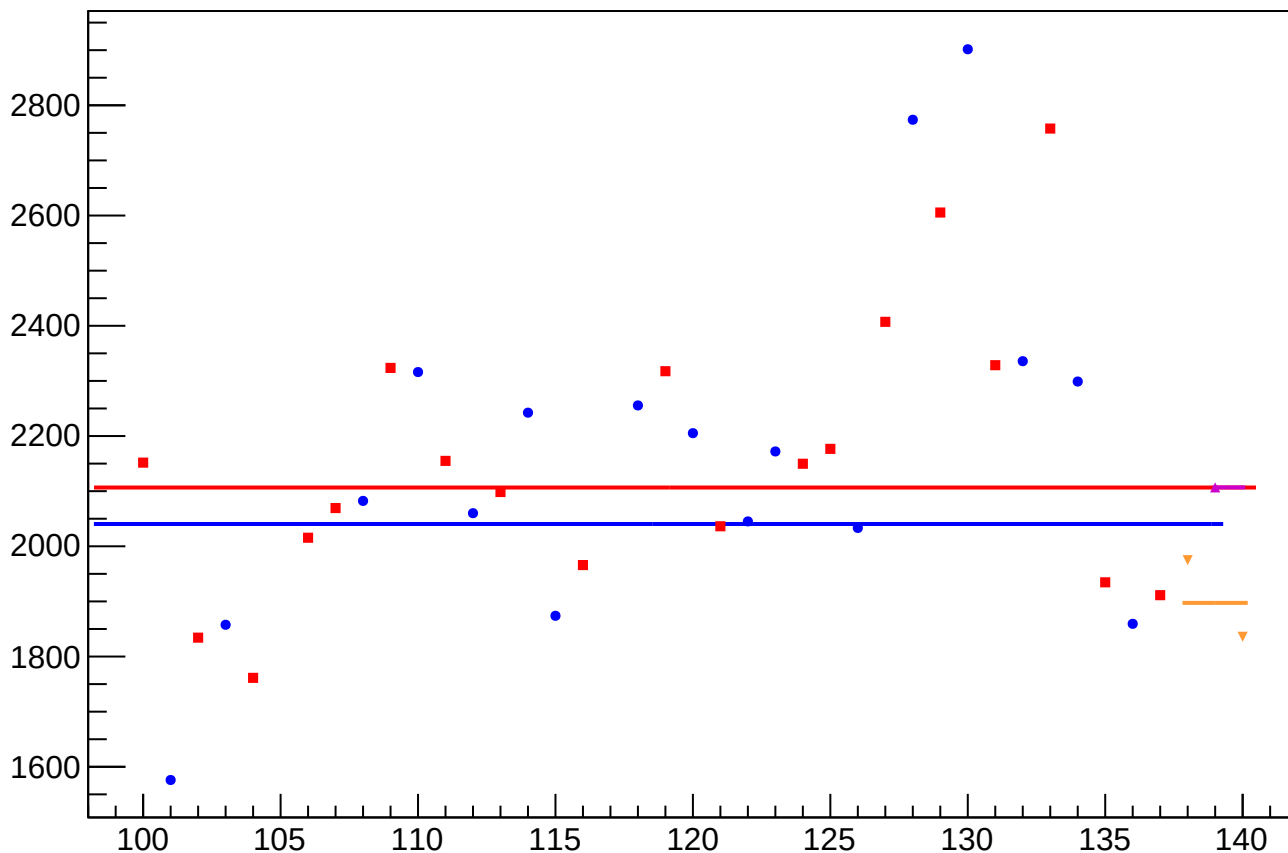
Right: 2970.754 $\pm$ 563.242 χ^2 /NDF: 30.1/35

In: 3195.461 $\pm$ 755.810 χ^2 /NDF:18.8/17

Out: 2200.498 $\pm$ 706.540 χ^2 /NDF:15.3/20

All: 2664.495 $\pm$ 516.139 χ^2 /NDF: 35.0/38

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1897.343+/-1.088 χ^2/NDF : 4024.8/1

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

Left In: 2106.852+/-1.670 χ^2/NDF : 0.0/0

Left: 1959.747+/-0.912 χ^2/NDF : 15069.8/2

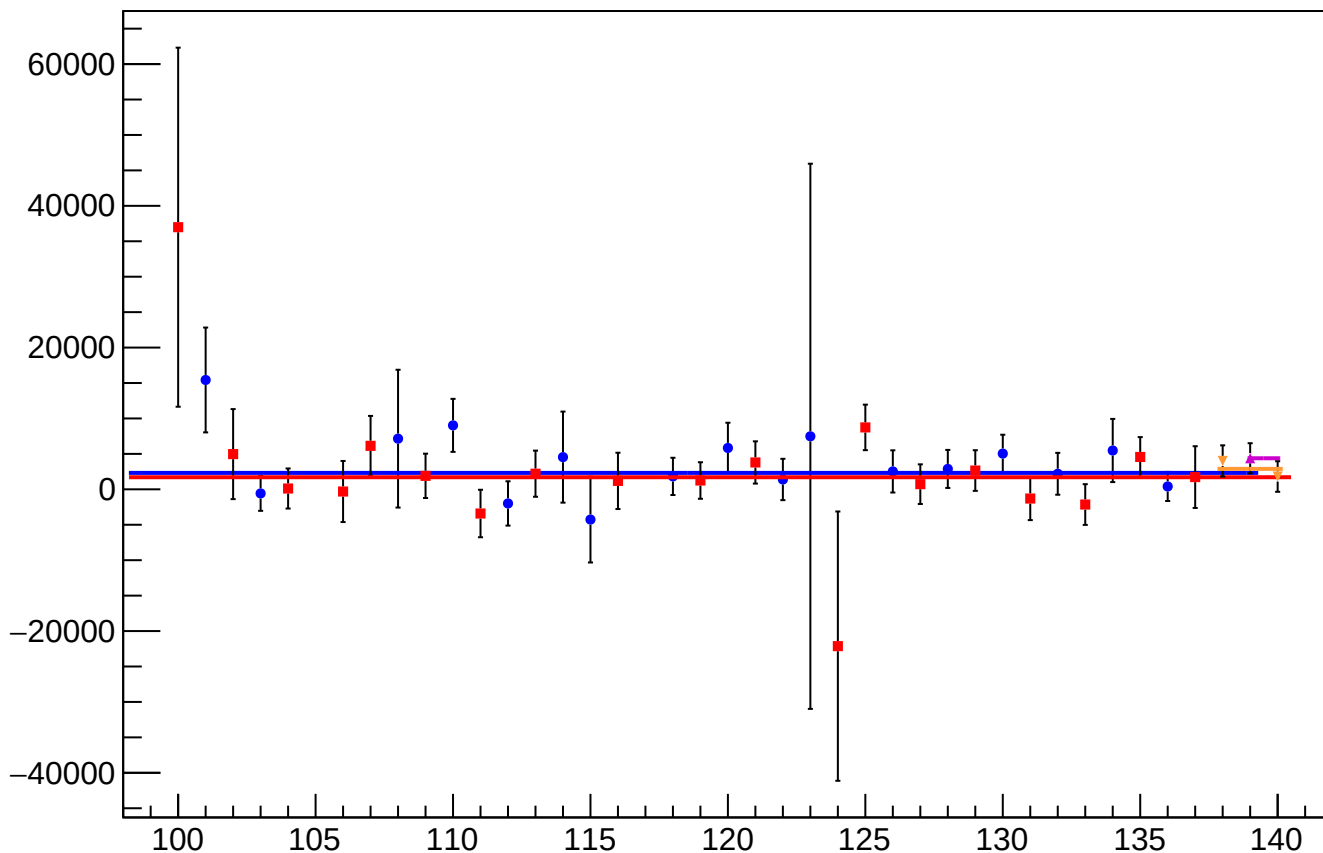
Right: 2073.628+/-0.398 χ^2/NDF : 533659.8/35

In: 2047.232+/-0.534 χ^2/NDF : 332759.0/17

Out: 2062.495+/-0.500 χ^2/NDF : 228638.4/20

All: 2055.377+/-0.365 χ^2/NDF : 561832.7/38

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2319.038 $\pm$ 801.440 χ^2 /NDF: 14.8/16

Left Out: 2884.443 $\pm$ 1540.176 χ^2 /NDF:0.5/1

Right Out: 1705.508 $\pm$ 782.848 χ^2 /NDF: 17.2/18

Left In: 4382.368 $\pm$ 2123.745 χ^2 /NDF:0.0/0

Left: 3400.727 $\pm$ 1246.814 χ^2 /NDF: 0.8/2

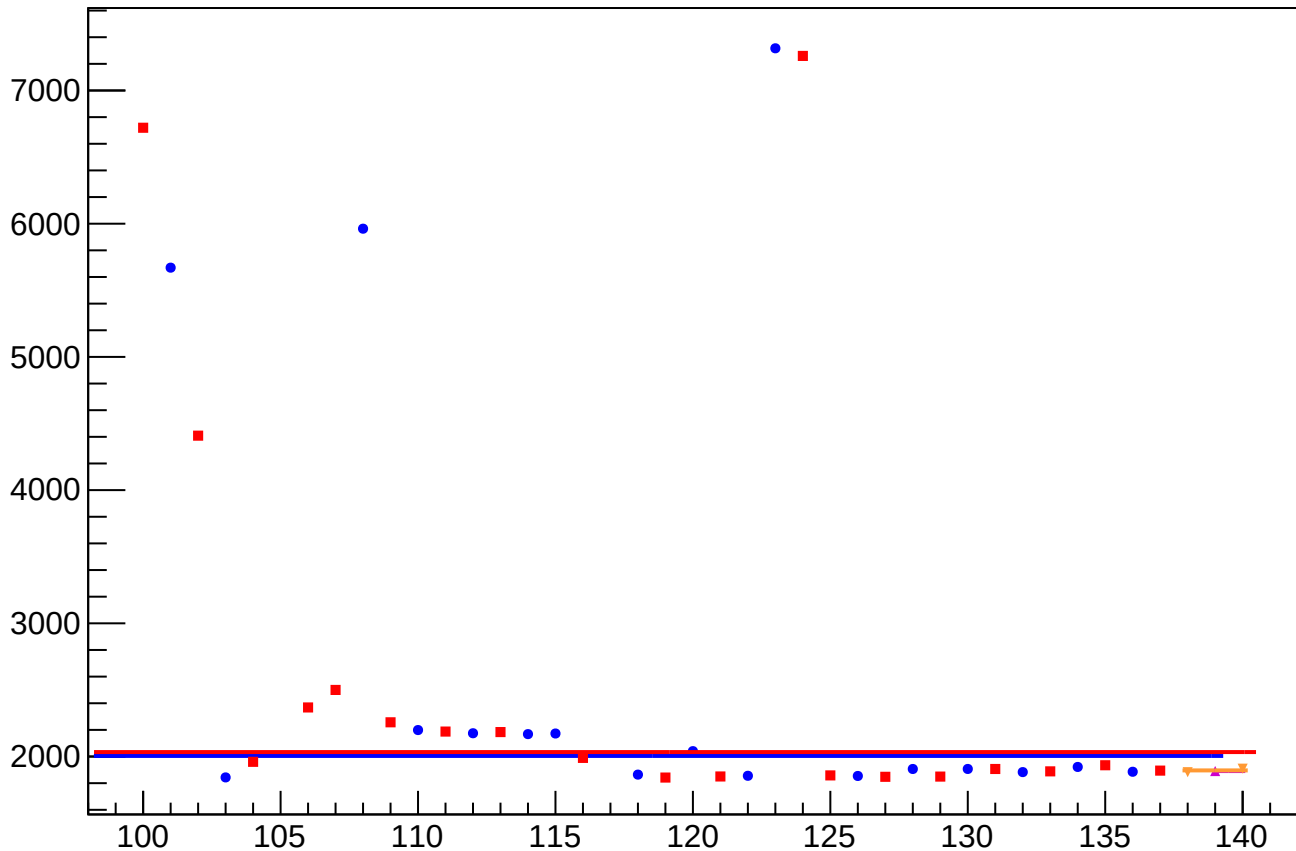
Right: 2005.073 $\pm$ 560.015 χ^2 /NDF: 32.3/35

In: 2576.246 $\pm$ 749.826 χ^2 /NDF:15.6/17

Out: 1947.555 $\pm$ 697.872 χ^2 /NDF:18.1/20

All: 2239.368 $\pm$ 510.851 χ^2 /NDF: 34.1/38

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1895.831+/-1.089 χ^2/NDF :146.5/1

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

Left In: 1890.949+/-1.502 χ^2/NDF :0.0/0

Left: 1894.148+/-0.882 χ^2/NDF : 153.4/2

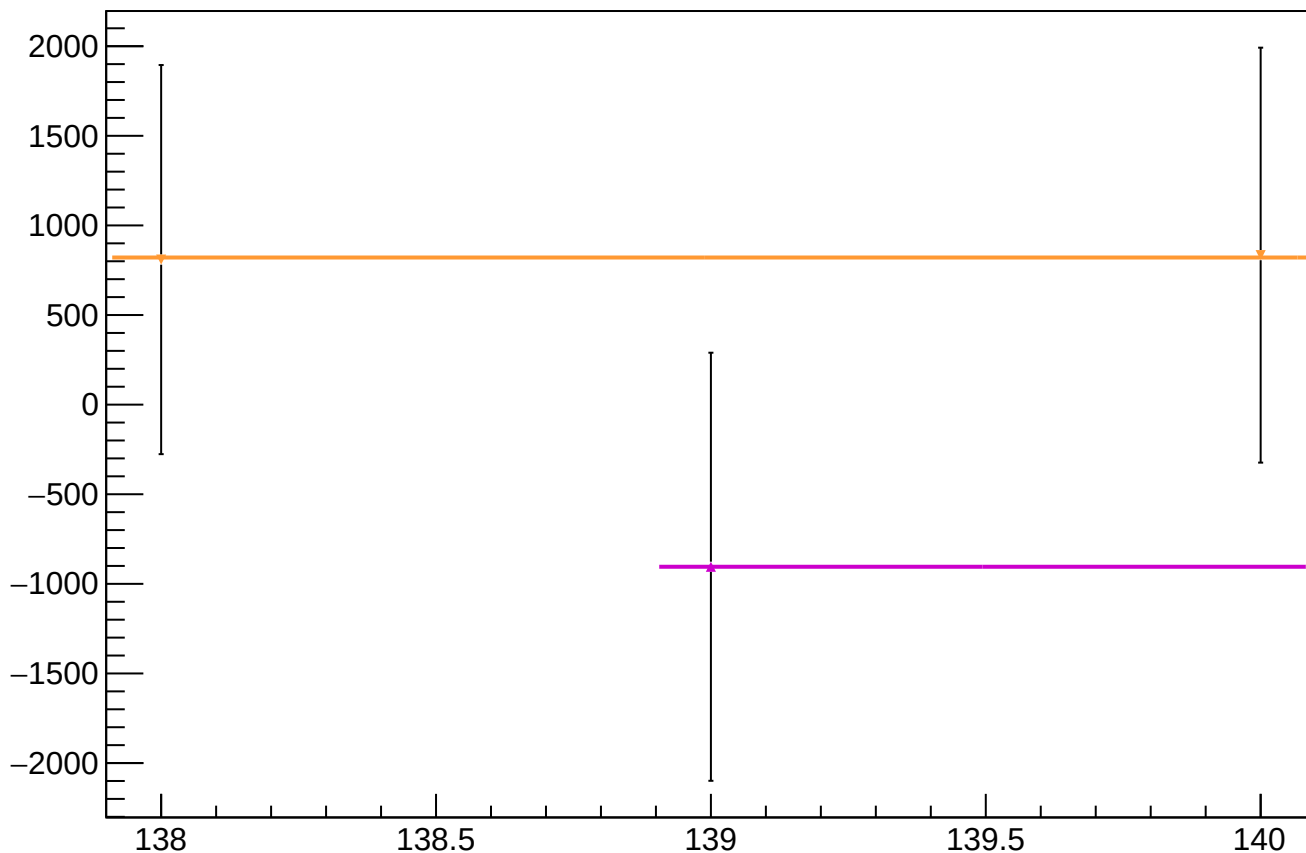
Right: 2019.360+/-0.396 χ^2/NDF : 1528357.7/35

In: 1990.389+/-0.530 χ^2/NDF :921022.7/17

Out: 2005.227+/-0.493 χ^2/NDF :623853.3/20

All: 1998.340+/-0.361 χ^2/NDF : 1545295.6/38

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 820.941+/-791.905 χ^2/NDF : 0.0/1

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

Left In: -904.628+/-1194.327 χ^2/NDF : 0.0/0

Left: 293.981+/-660.003 χ^2/NDF : 1.5/2

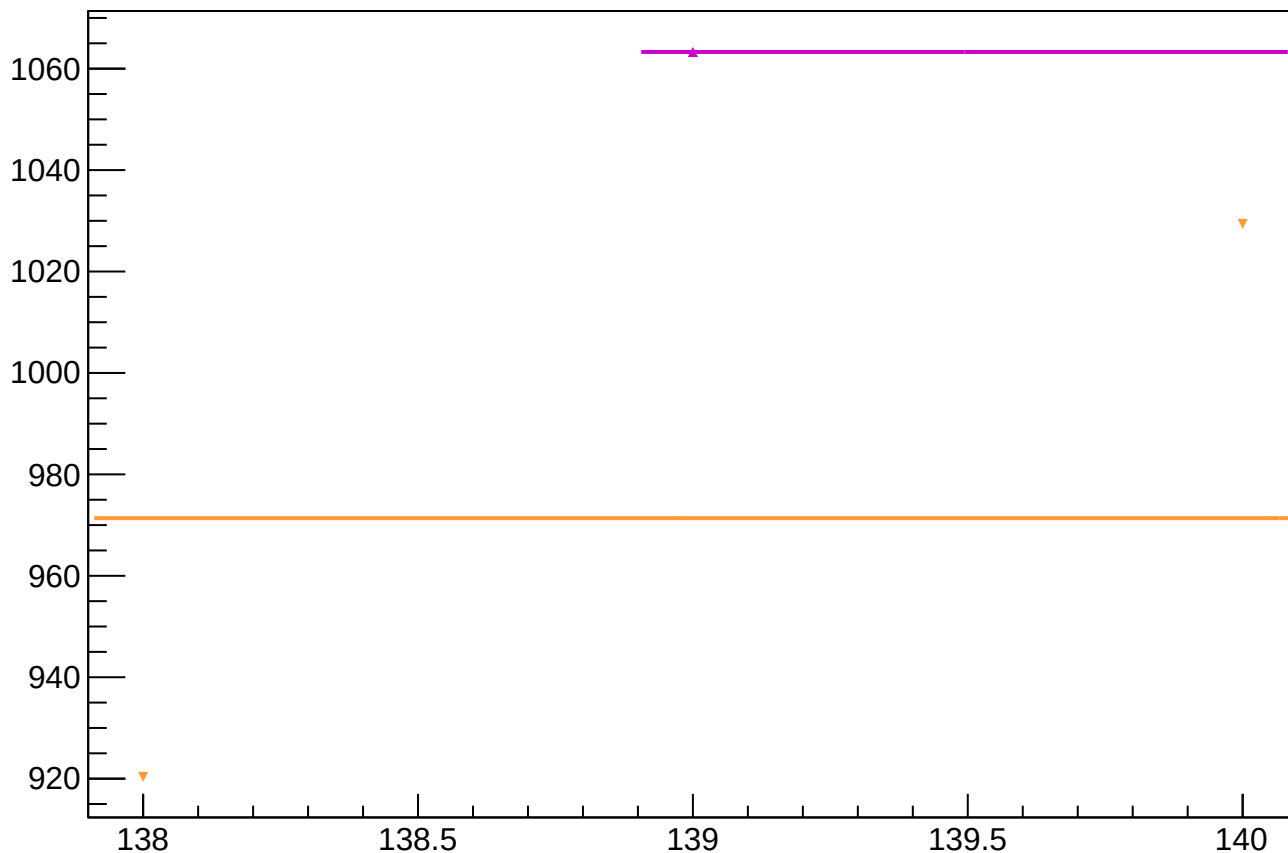
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -904.628+/-1194.327 χ^2/NDF : 0.0/0

Out: 820.941+/-791.905 χ^2/NDF : 0.0/1

All: 293.981+/-660.003 χ^2/NDF : 1.5/2

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 971.369+/-0.560 χ^2/NDF : 9441.3/1

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

Left In: 1063.295+/-0.845 χ^2/NDF : 0.0/0

Left: 999.442+/-0.467 χ^2/NDF : 17671.4/2

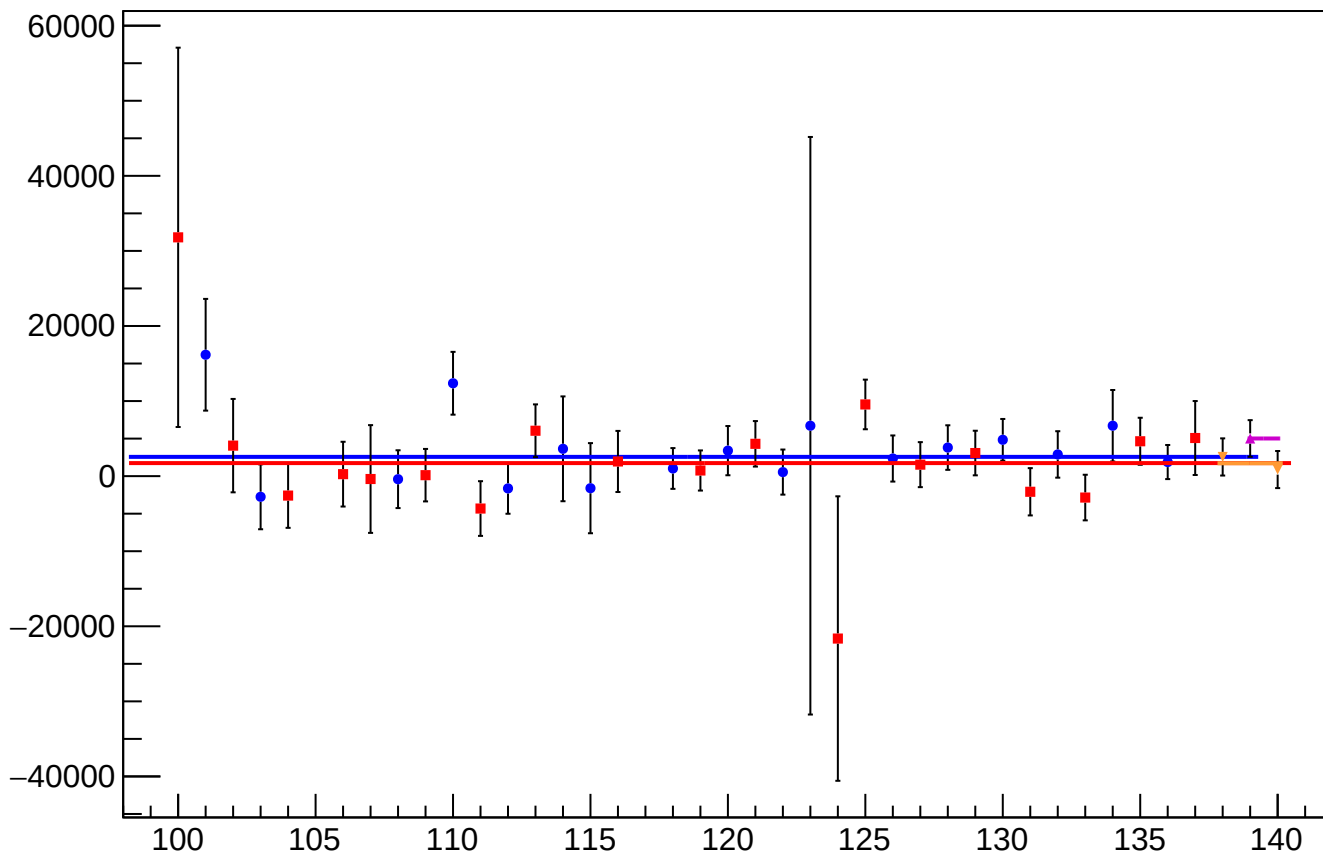
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1063.295+/-0.845 χ^2/NDF : 0.0/0

Out: 971.369+/-0.560 χ^2/NDF : 9441.3/1

All: 999.442+/-0.467 χ^2/NDF : 17671.4/2

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1714.336 $\pm$ 1748.506 χ^2 /NDF:0.2/1

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

Left In: 5014.707 $\pm$ 2444.379 χ^2 /NDF:0.0/0

Left: 2831.457 $\pm$ 1422.124 χ^2 /NDF: 1.4/2

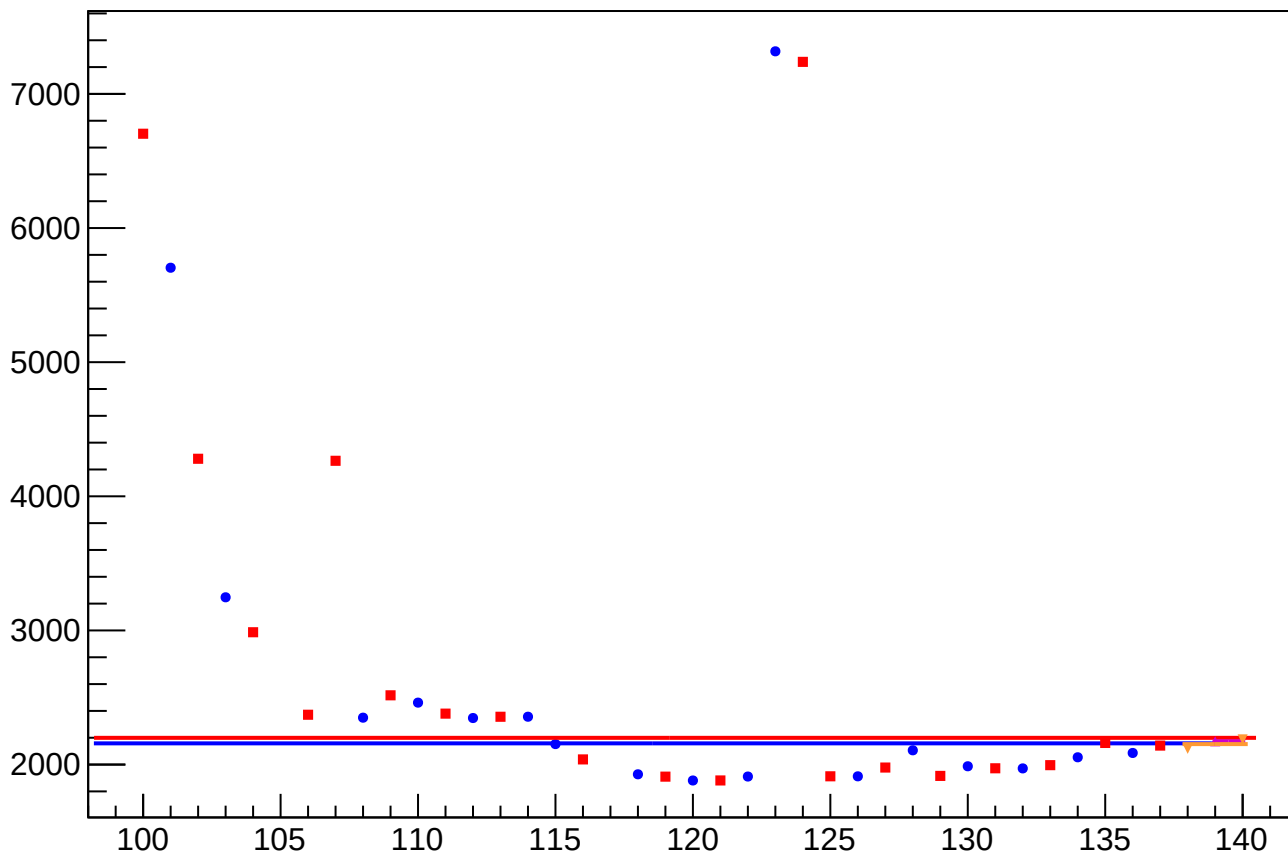
Right: 2150.830 $\pm$ 604.316 χ^2 /NDF: 36.5/35

In: 2834.250 $\pm$ 807.969 χ^2 /NDF:16.5/17

Out: 1733.194 $\pm$ 766.769 χ^2 /NDF:20.7/20

All: 2254.934 $\pm$ 556.183 χ^2 /NDF: 38.2/38

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2152.613+/-1.236 χ^2/NDF :809.7/1

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

Left In: 2173.472+/-1.728 χ^2/NDF :0.0/0

Left: 2159.673+/-1.006 χ^2/NDF : 906.0/2

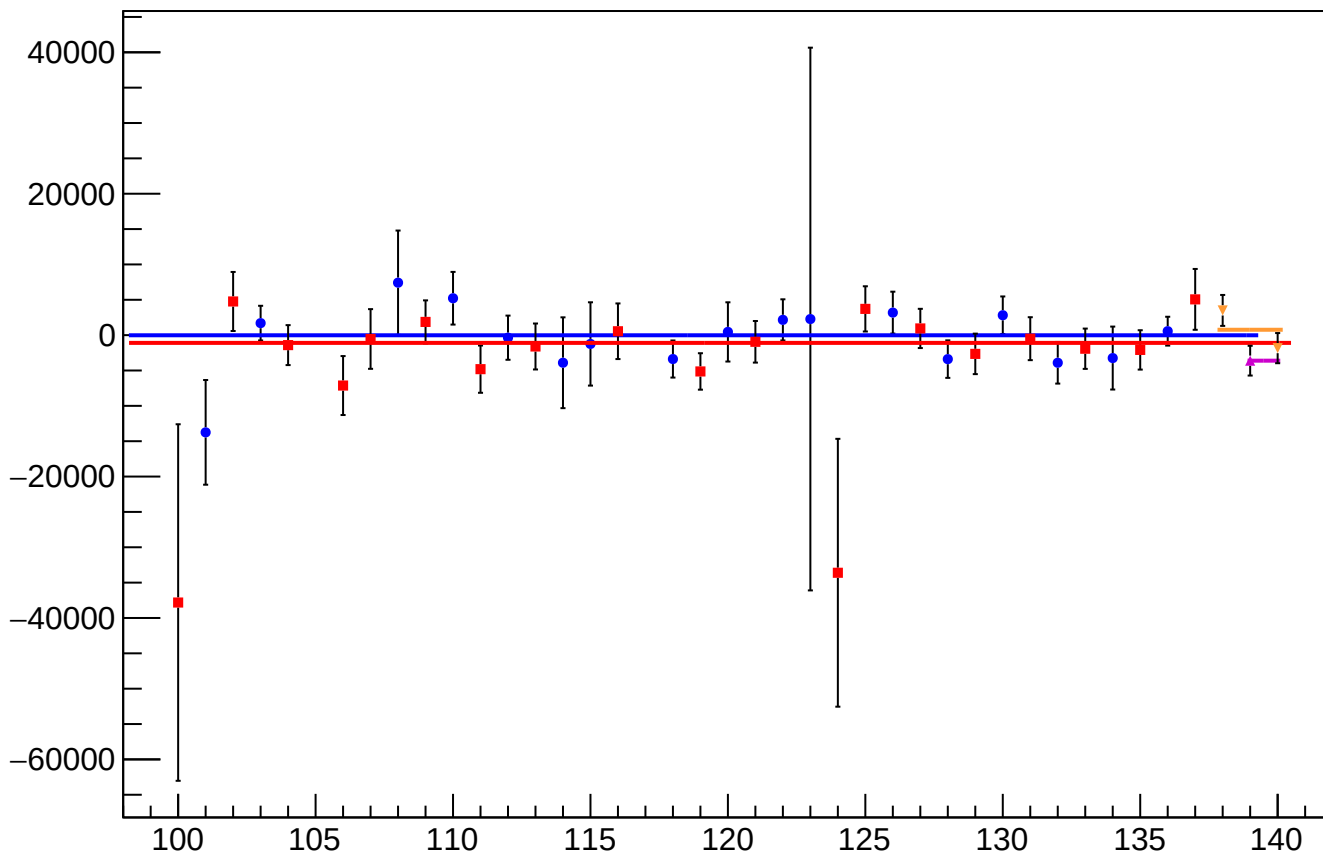
Right: 2178.816+/-0.427 χ^2/NDF : 1519207.5/35

In: 2159.823+/-0.571 χ^2/NDF :713932.1/17

Out: 2190.357+/-0.542 χ^2/NDF :804985.5/20

All: 2175.888+/-0.393 χ^2/NDF : 1520420.5/38

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 761.512 ± 1527.056 χ^2/NDF : 3.0/1

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

Left In: -3611.195 ± 2103.514 χ^2/NDF : 0.0/0

Left: -747.621 ± 1235.760 χ^2/NDF : 5.9/2

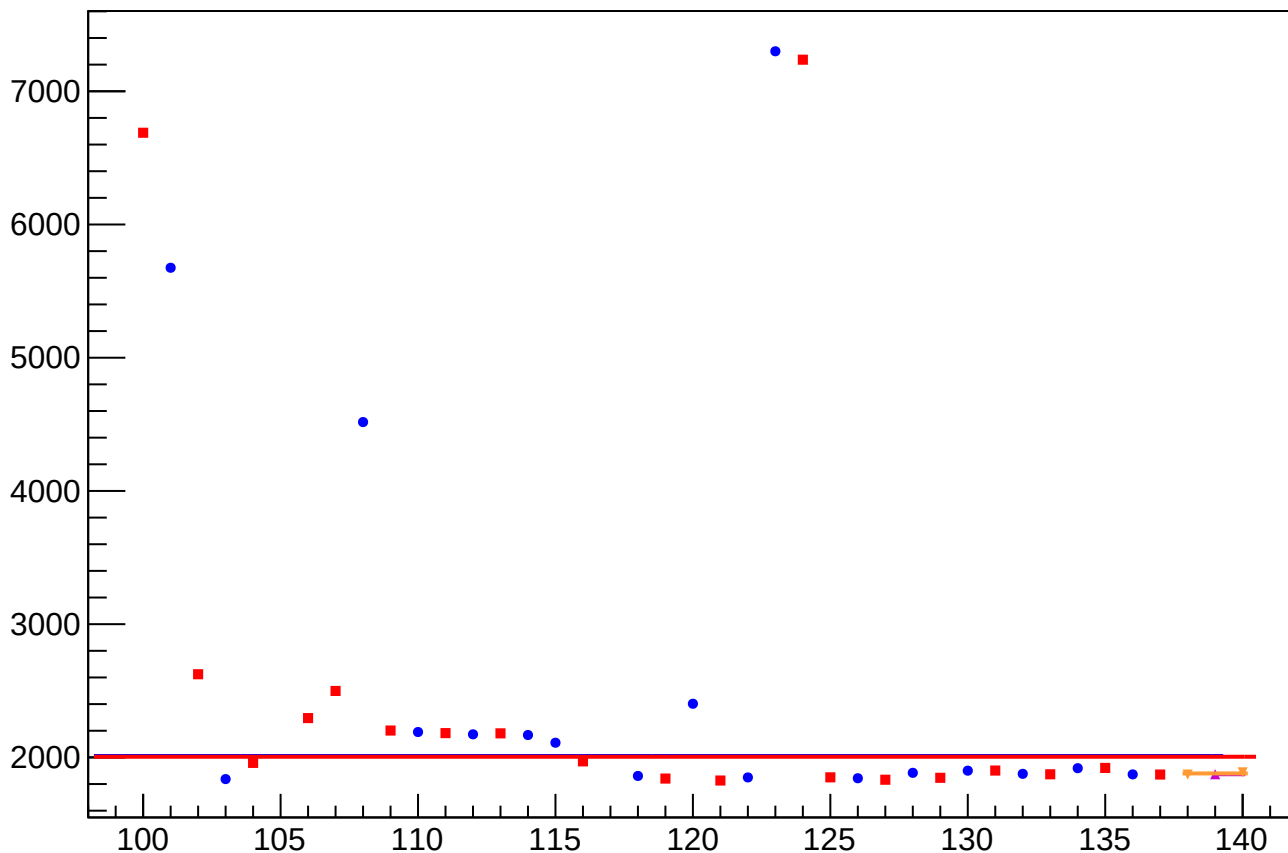
Right: -578.567 ± 555.139 χ^2/NDF : 36.2/35

In: -473.681 ± 748.895 χ^2/NDF : 18.4/17

Out: -719.219 ± 687.342 χ^2/NDF : 23.6/20

All: -606.954 ± 506.389 χ^2/NDF : 42.1/38

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1879.627+/-1.080 χ^2/NDF : 59.5/1

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

Left In: 1873.591+/-1.487 χ^2/NDF : 0.0/0

Left: 1877.544+/-0.874 χ^2/NDF : 70.3/2

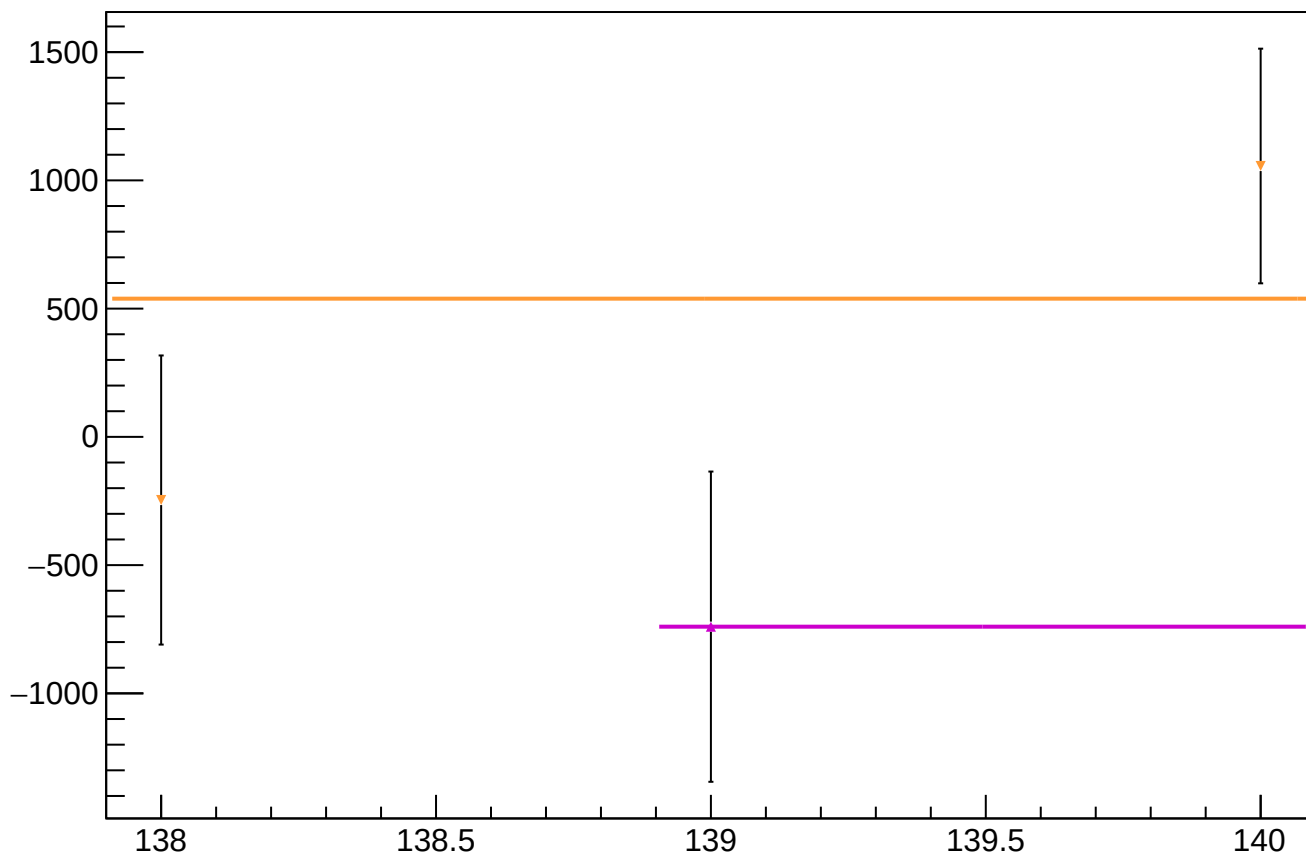
Right: 2007.469+/-0.393 χ^2/NDF : 1207306.7/35

In: 1992.948+/-0.530 χ^2/NDF : 847120.6/17

Out: 1979.506+/-0.486 χ^2/NDF : 378302.2/20

All: 1985.652+/-0.358 χ^2/NDF : 1225772.5/38

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 538.839+/-355.164 χ^2/NDF : 3.2/1

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

Left In: -740.002+/-604.764 χ^2/NDF : 0.0/0

Left: 210.884+/-306.256 χ^2/NDF : 6.5/2

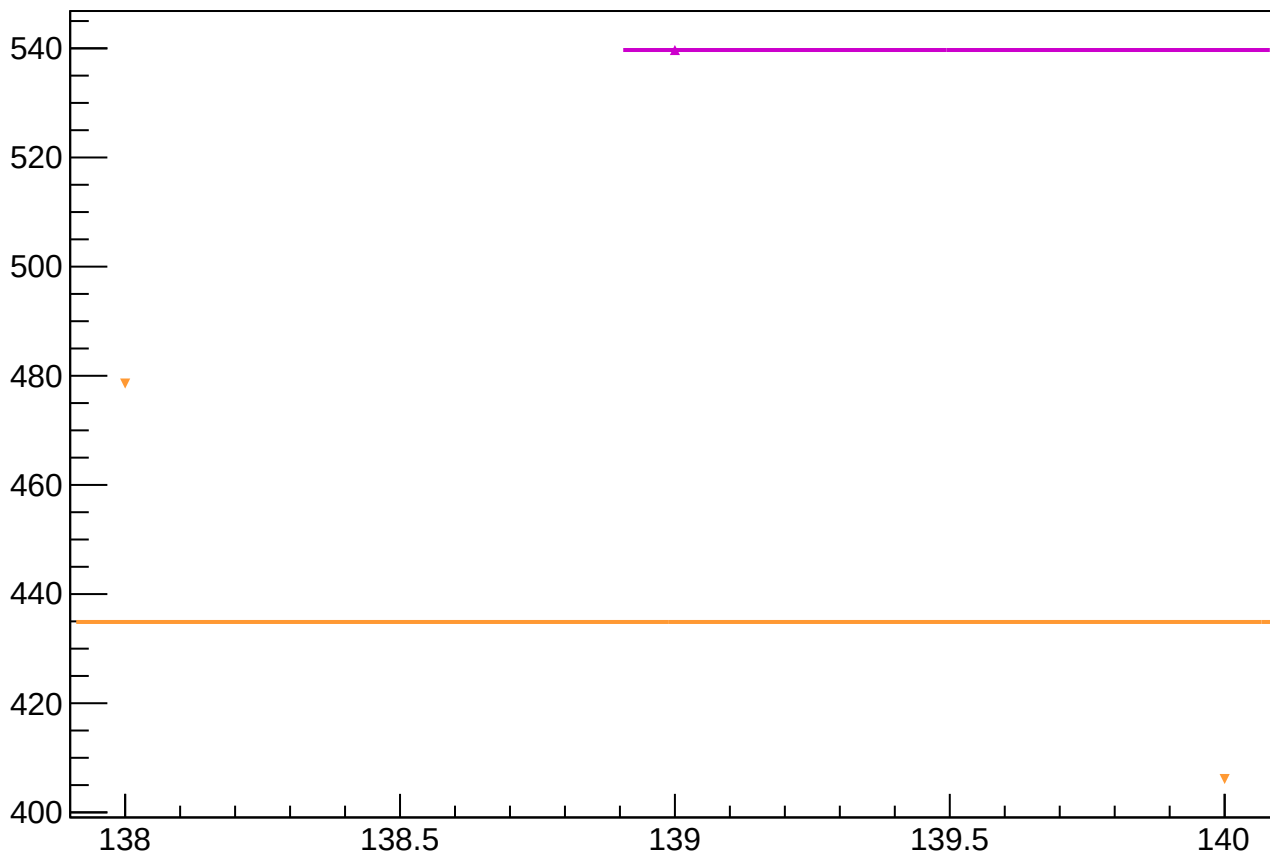
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -740.002+/-604.764 χ^2/NDF : 0.0/0

Out: 538.839+/-355.164 χ^2/NDF : 3.2/1

All: 210.884+/-306.256 χ^2/NDF : 6.5/2

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 434.891+/-0.251 χ^2/NDF :19935.0/1

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

Left In: 539.694+/-0.428 χ^2/NDF :0.0/0

Left: 461.767+/-0.217 χ^2/NDF : 64595.2/2

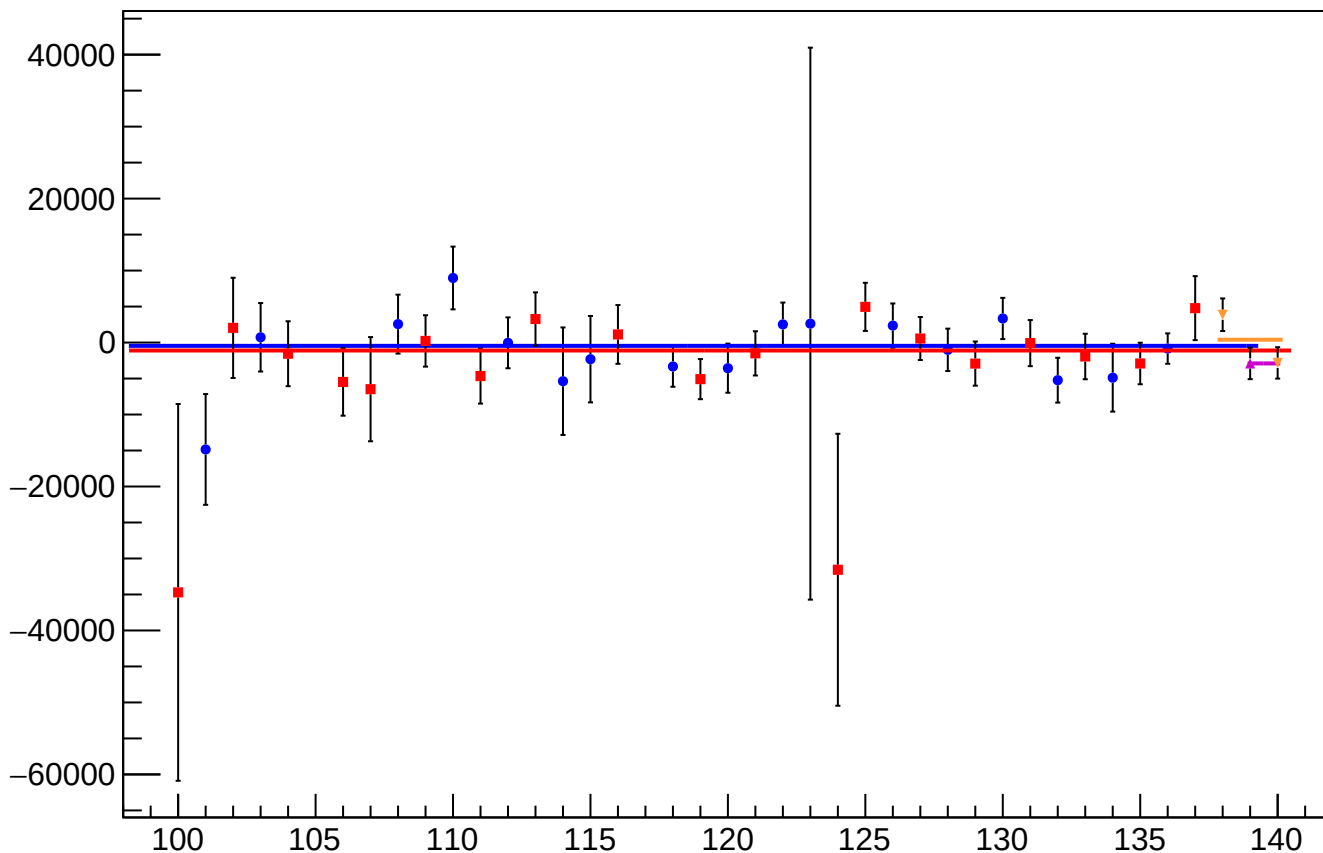
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 539.694+/-0.428 χ^2/NDF :0.0/0

Out: 434.891+/-0.251 χ^2/NDF :19935.0/1

All: 461.767+/-0.217 χ^2/NDF : 64595.2/2

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 396.382+/-1570.896 χ^2/NDF :4.5/1

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

Left In: -2902.124+/-2184.301 χ^2/NDF :0.0/0

Left: -728.069+/-1275.334 χ^2/NDF : 6.0/2

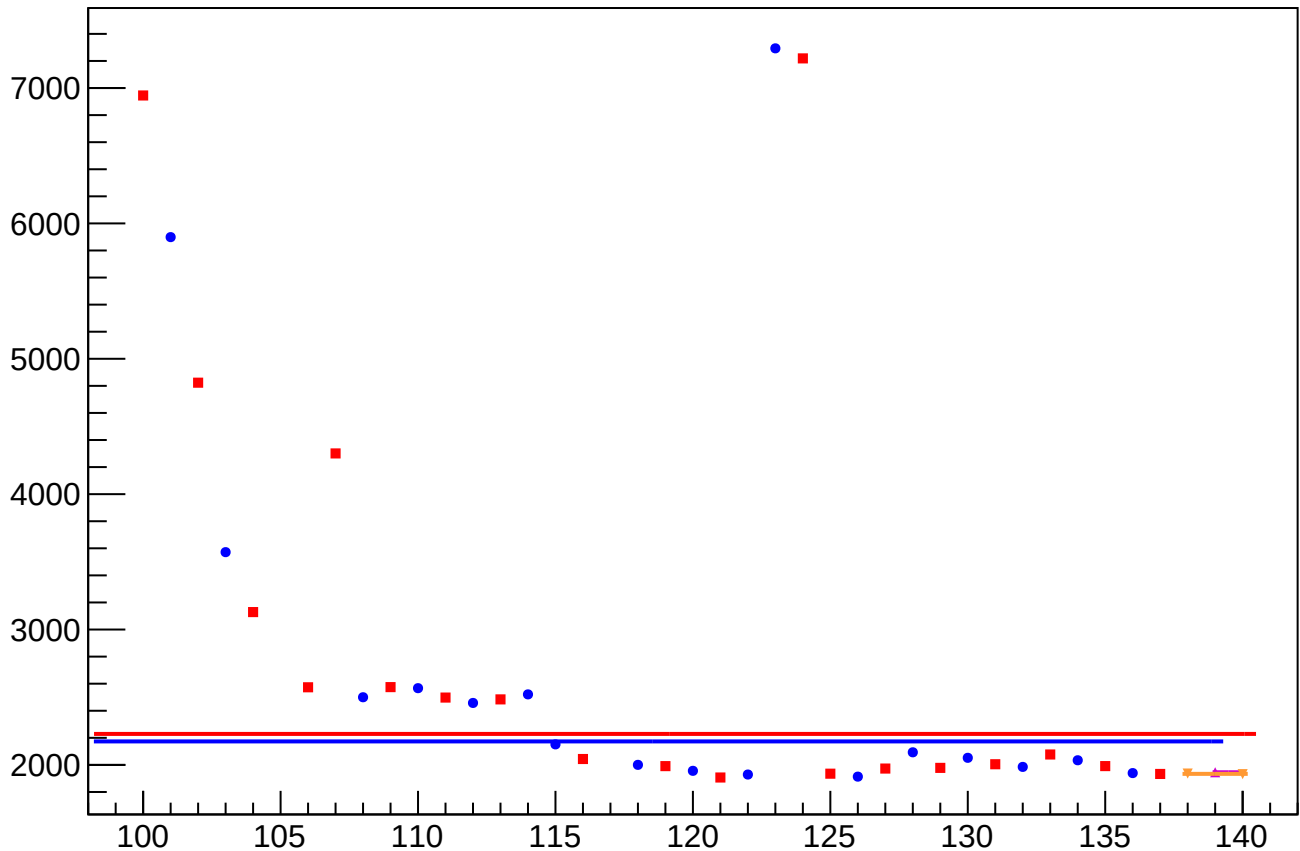
Right: -780.562+/-612.463 χ^2/NDF : 35.2/35

In: -789.701+/-804.356 χ^2/NDF :19.1/17

Out: -753.820+/-759.172 χ^2/NDF :22.1/20

All: -770.725+/-552.099 χ^2/NDF : 41.3/38

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1933.868+/-1.111 χ^2/NDF : 4.1/1

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

Left In: 1945.709+/-1.545 χ^2/NDF : 0.0/0

Left: 1937.905+/-0.902 χ^2/NDF : 42.8/2

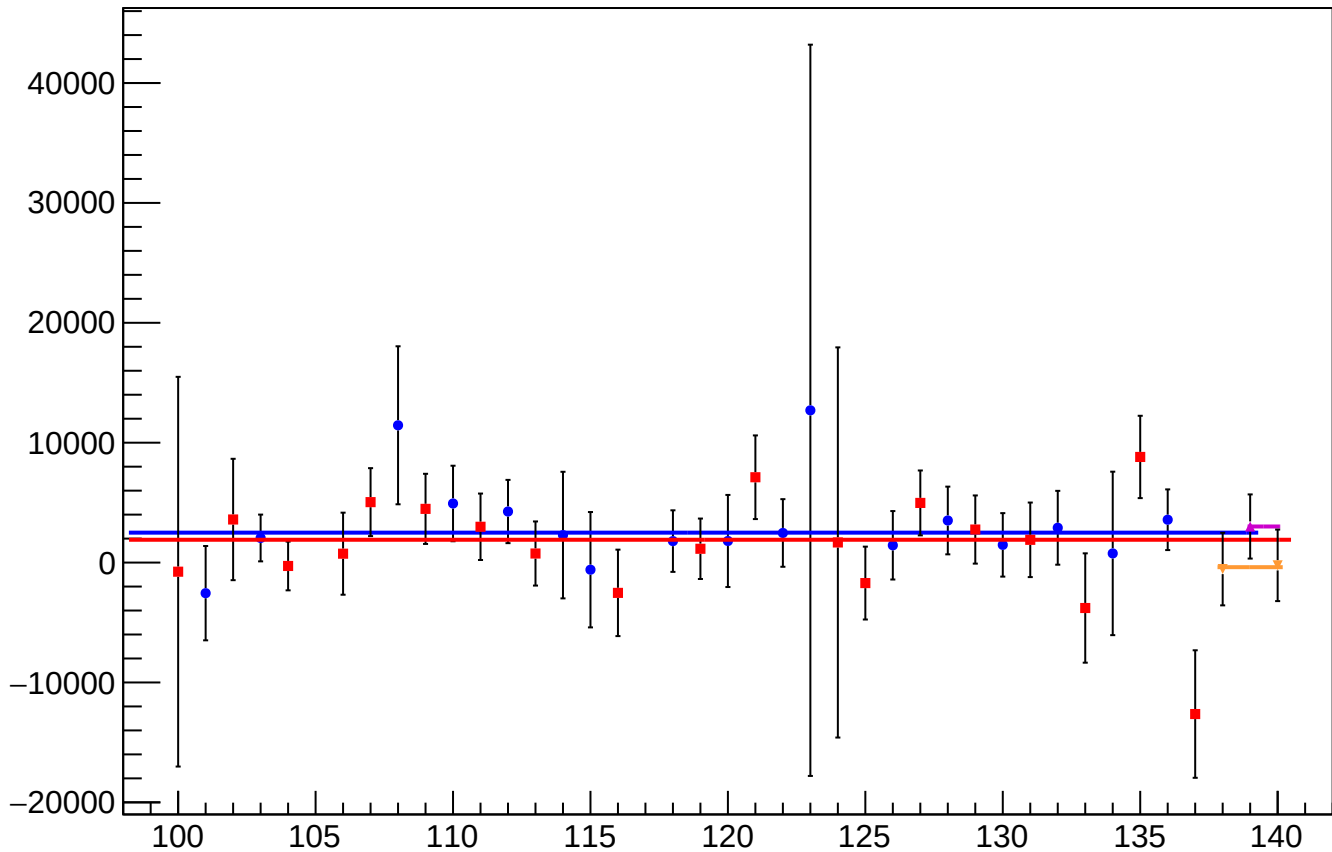
Right: 2201.146+/-0.433 χ^2/NDF : 1705309.7/35

In: 2142.635+/-0.569 χ^2/NDF : 824166.8/17

Out: 2159.989+/-0.537 χ^2/NDF : 949934.5/20

All: 2151.813+/-0.390 χ^2/NDF : 1774593.7/38

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -383.620+/-2124.902 χ^2/NDF : 0.0/1

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

Left In: 3009.885+/-2676.179 χ^2/NDF : 0.0/0

Left: 928.549+/-1664.125 χ^2/NDF : 1.0/2

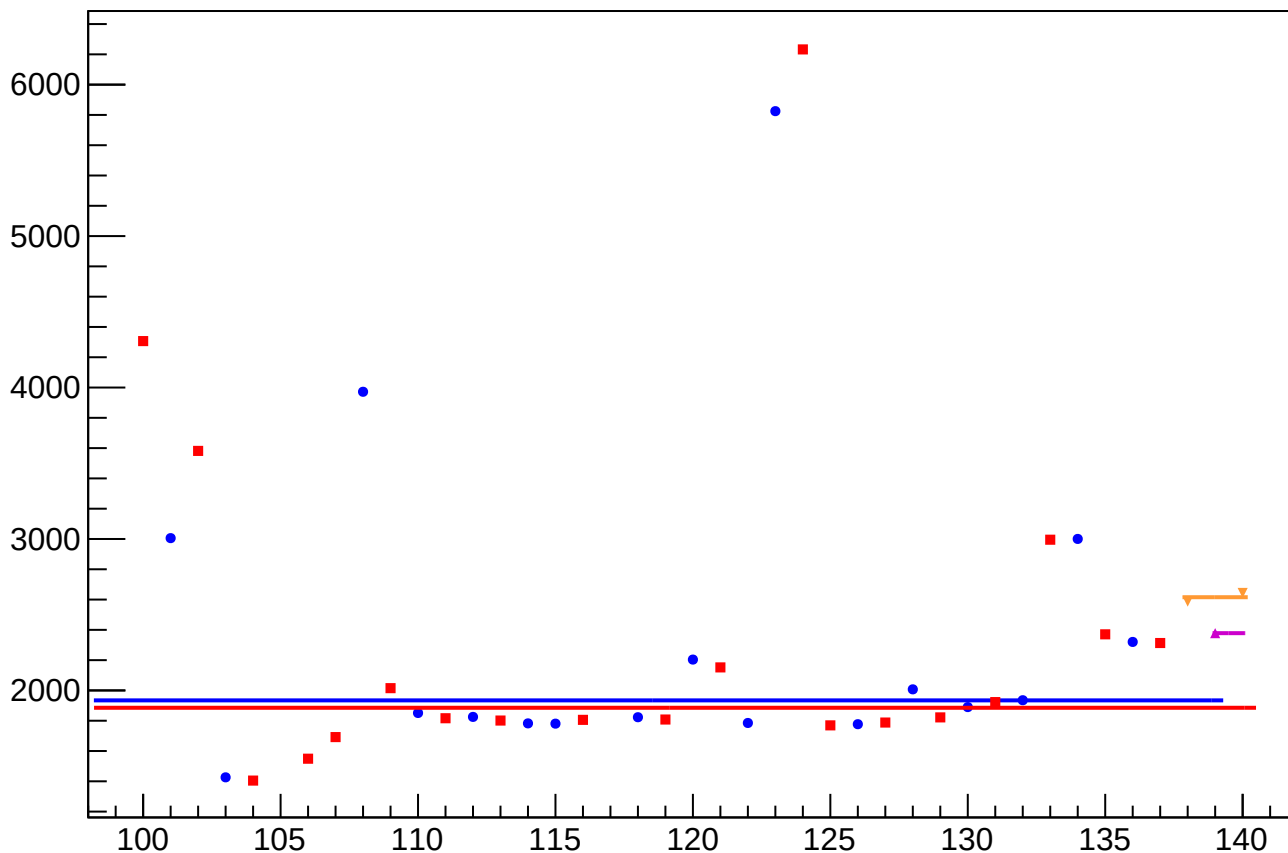
Right: 2187.370+/-531.779 χ^2/NDF : 29.7/35

In: 2535.692+/-738.466 χ^2/NDF : 5.9/17

Out: 1657.559+/-696.132 χ^2/NDF : 24.5/20

All: 2070.736+/-506.545 χ^2/NDF : 31.2/38

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2615.534+/-1.503 χ^2/NDF :363.2/1

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

Left In: 2378.193+/-1.892 χ^2/NDF :0.0/0

Left: 2523.761+/-1.177 χ^2/NDF : 10011.3/2

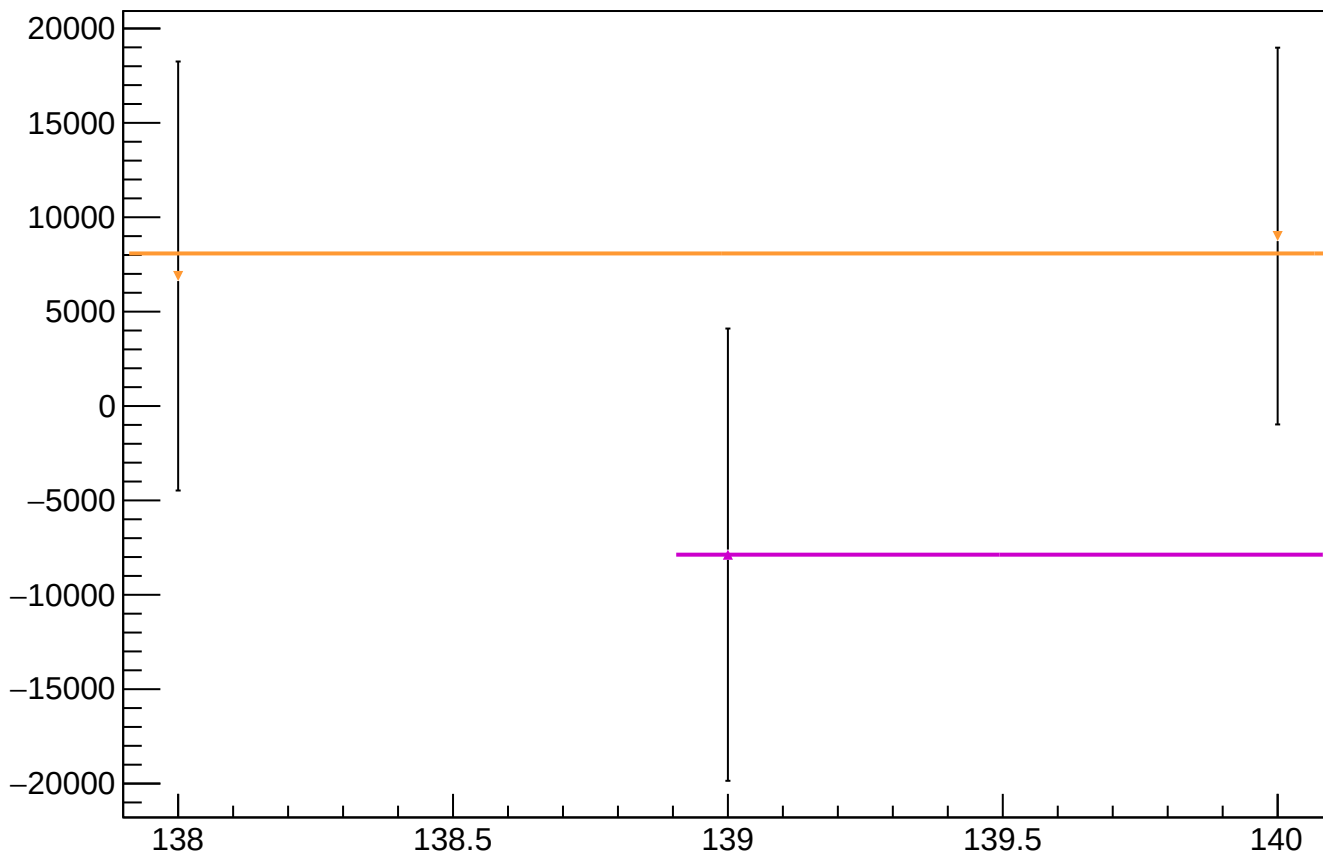
Right: 1908.949+/-0.376 χ^2/NDF : 1395226.1/35

In: 1968.195+/-0.522 χ^2/NDF :689731.3/17

Out: 1963.868+/-0.492 χ^2/NDF :963168.8/20

All: 1965.904+/-0.358 χ^2/NDF : 1652936.5/38

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 8082.419+/-7498.177 χ^2/NDF : 0.0/1

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

Left In: -7874.242+/-11978.841 χ^2/NDF : 0.0/0

Left: 3590.395+/-6355.721 χ^2/NDF : 1.3/2

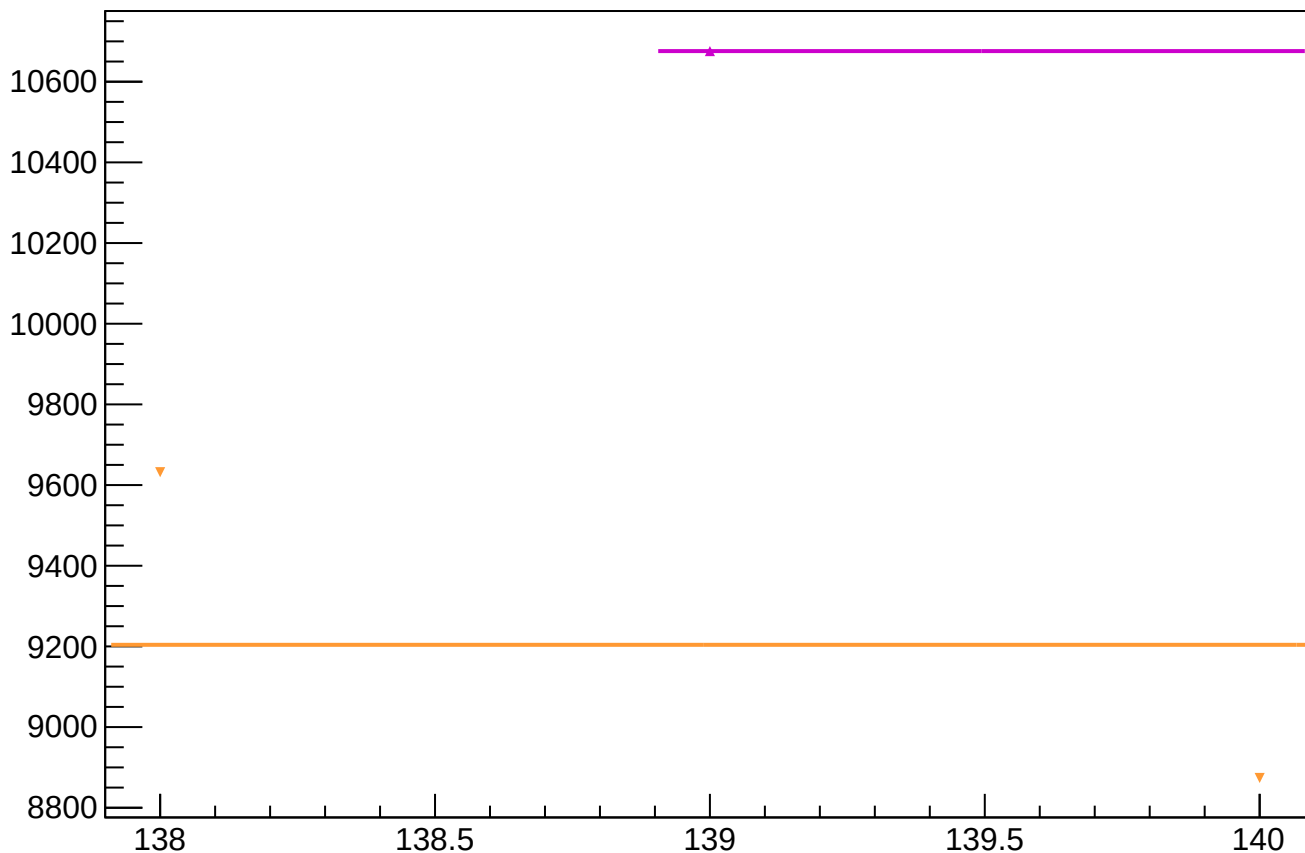
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7874.242+/-11978.841 χ^2/NDF : 0.0/0

Out: 8082.419+/-7498.177 χ^2/NDF : 0.0/1

All: 3590.395+/-6355.721 χ^2/NDF : 1.3/2

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 9203.944+/-5.302 χ^2 /NDF:5024.4/1

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

Left In: 10675.909+/-8.470 χ^2 /NDF:0.0/0

Left: 9618.323+/-4.494 χ^2 /NDF: 26722.1/2

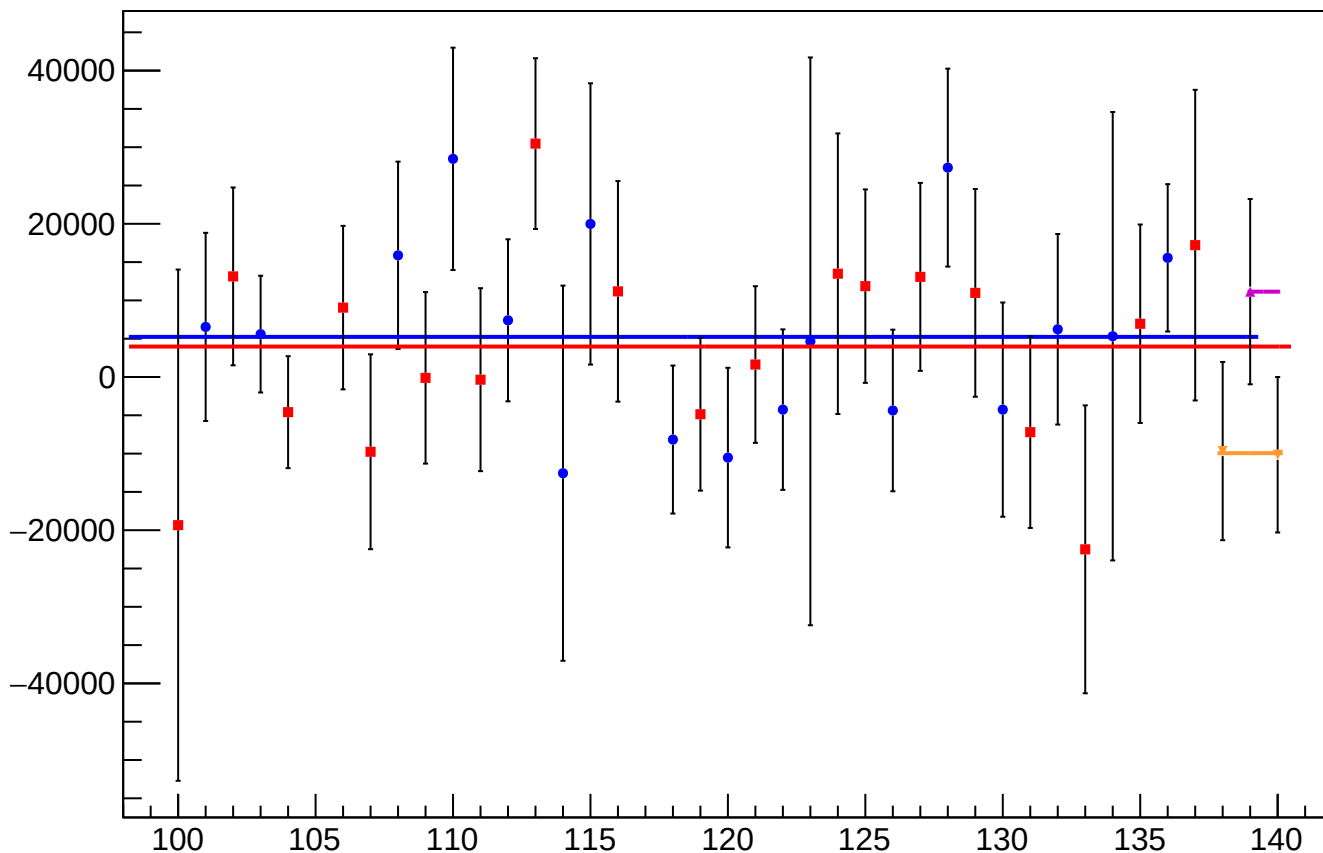
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 10675.909+/-8.470 χ^2 /NDF:0.0/0

Out: 9203.944+/-5.302 χ^2 /NDF:5024.4/1

All: 9618.323+/-4.494 χ^2 /NDF: 26722.1/2

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5238.554 $\pm$ 2946.164 χ^2 /NDF: 14.5/16

Left Out: -9942.653 $\pm$ 7647.280 χ^2 /NDF:0.0/1

Right Out: 3976.061 $\pm$ 2790.421 χ^2 /NDF: 15.6/18

Left In: 11143.000 $\pm$ 12095.576 χ^2 /NDF:0.0/0

Left: -3921.145 $\pm$ 6463.767 χ^2 /NDF: 2.2/2

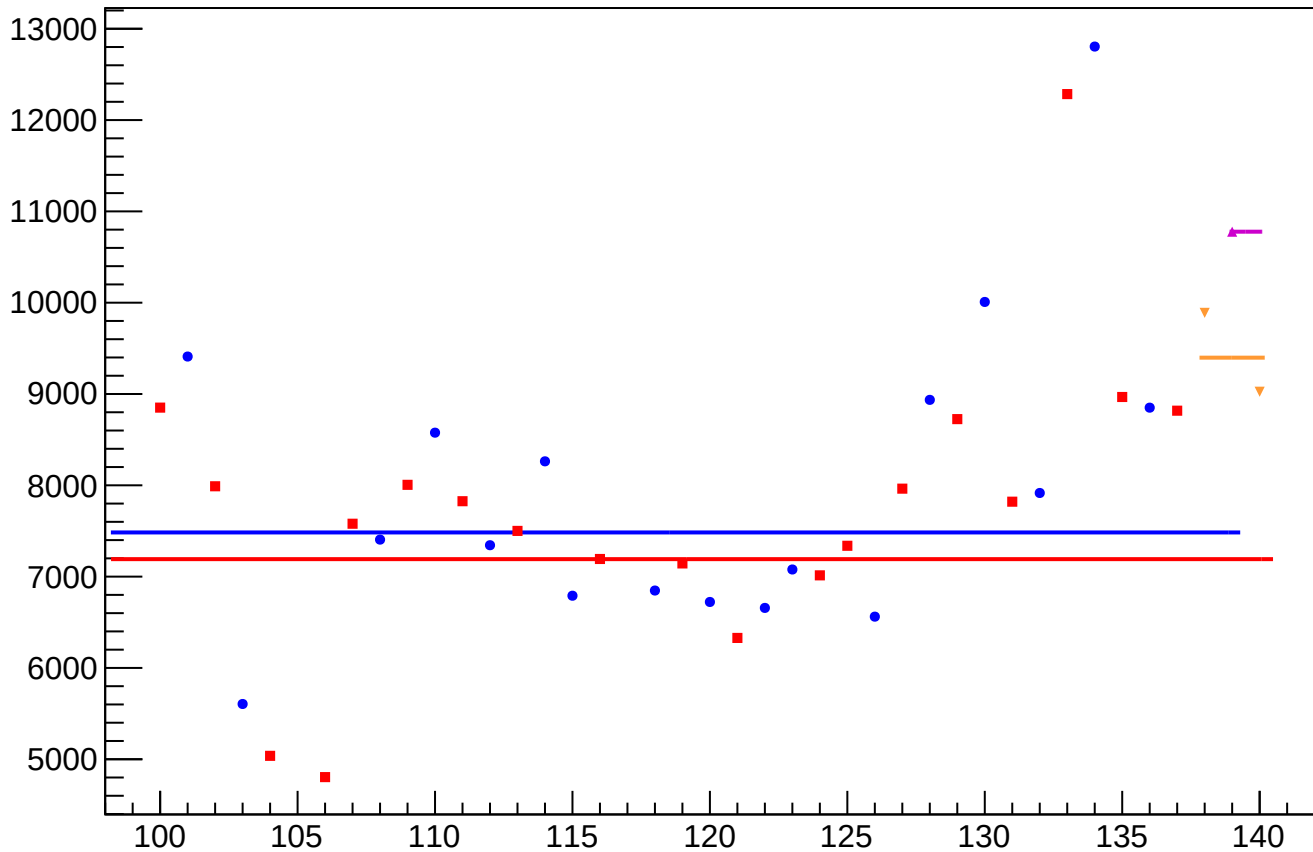
Right: 4573.057 $\pm$ 2025.948 χ^2 /NDF: 30.2/35

In: 5569.235 $\pm$ 2862.475 χ^2 /NDF:14.7/17

Out: 2340.604 $\pm$ 2621.362 χ^2 /NDF:18.5/20

All: 3813.237 $\pm$ 1933.213 χ^2 /NDF: 33.9/38

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9398.007+/-5.407 χ^2/NDF : 6261.5/1

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

Left In: 10777.508+/-8.553 χ^2/NDF : 0.0/0

Left: 9791.956+/-4.571 χ^2/NDF : 24847.1/2

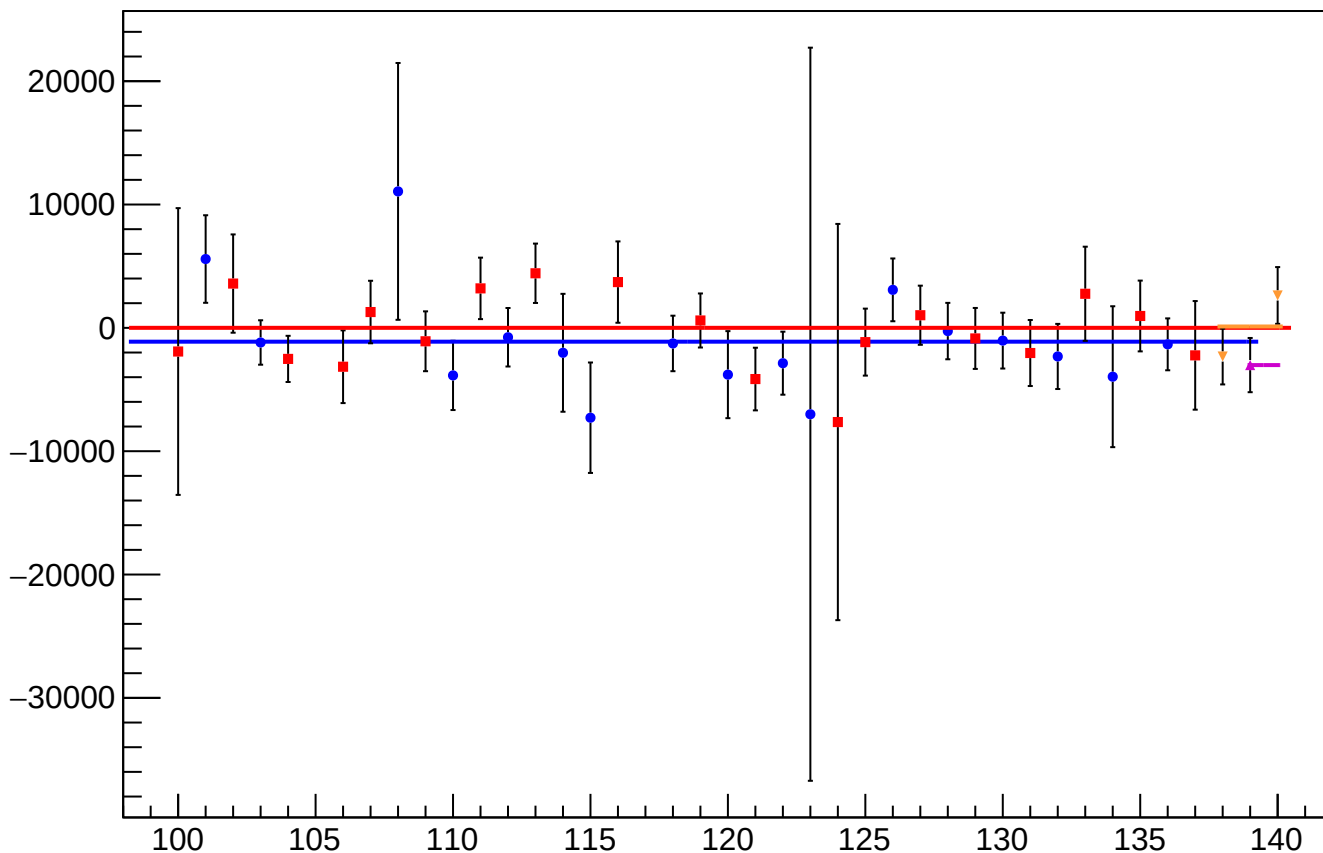
Right: 7329.673+/-1.432 χ^2/NDF : 1000940.7/35

In: 7668.243+/-2.024 χ^2/NDF : 571804.1/17

Out: 7450.664+/-1.853 χ^2/NDF : 711965.8/20

All: 7549.896+/-1.367 χ^2/NDF : 1290055.4/38

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 110.529 ± 1613.334 χ^2/NDF : 2.4/1

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

Left In: -3018.019 ± 2198.598 χ^2/NDF : 0.0/0

Left: -984.466 ± 1300.710 χ^2/NDF : 3.7/2

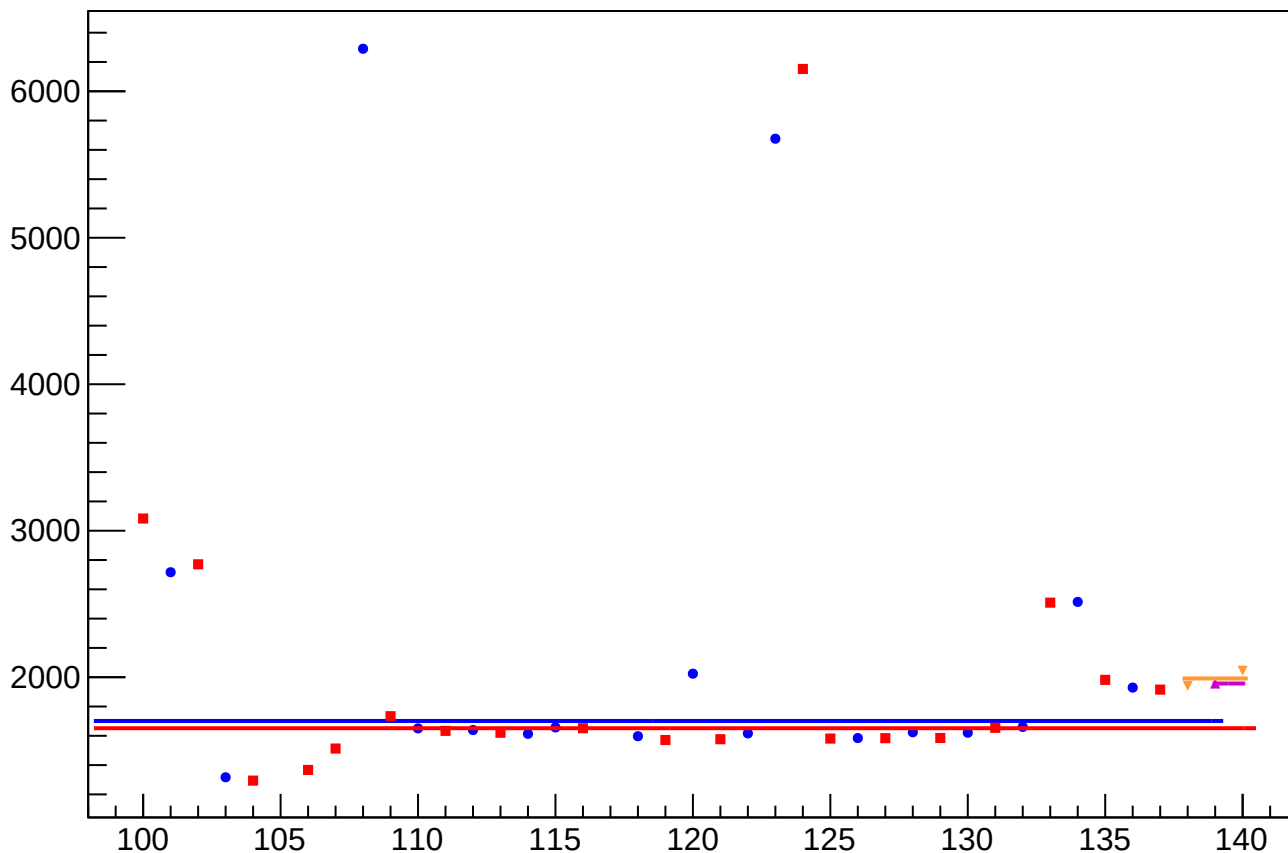
Right: -525.400 ± 465.654 χ^2/NDF : 29.2/35

In: -1285.791 ± 648.906 χ^2/NDF : 12.9/17

Out: 17.189 ± 594.642 χ^2/NDF : 17.8/20

All: -577.552 ± 438.406 χ^2/NDF : 33.0/38

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1991.512+/-1.141 χ^2/NDF : 2046.1/1

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

Left In: 1956.928+/-1.555 χ^2/NDF : 0.0/0

Left: 1979.408+/-0.920 χ^2/NDF : 2367.8/2

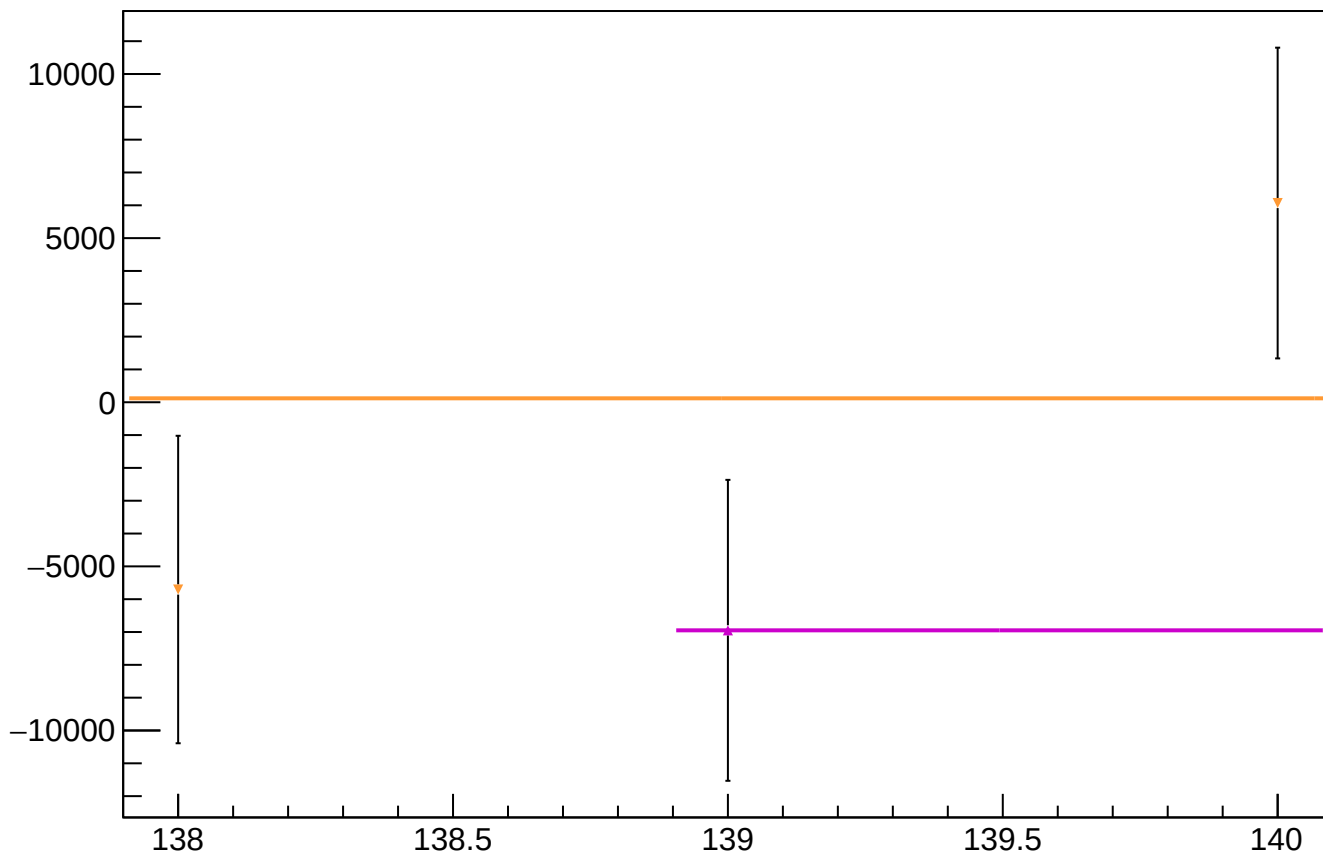
Right: 1675.026+/-0.329 χ^2/NDF : 1373201.9/35

In: 1723.552+/-0.459 χ^2/NDF : 803403.7/17

Out: 1697.893+/-0.420 χ^2/NDF : 667547.0/20

All: 1709.605+/-0.310 χ^2/NDF : 1472650.5/38

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 119.550+/-3329.227 χ^2 /NDF:3.1/1

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

Left In: -6948.613+/-4583.971 χ^2 /NDF:0.0/0

Left: -2321.267+/-2693.743 χ^2 /NDF: 4.7/2

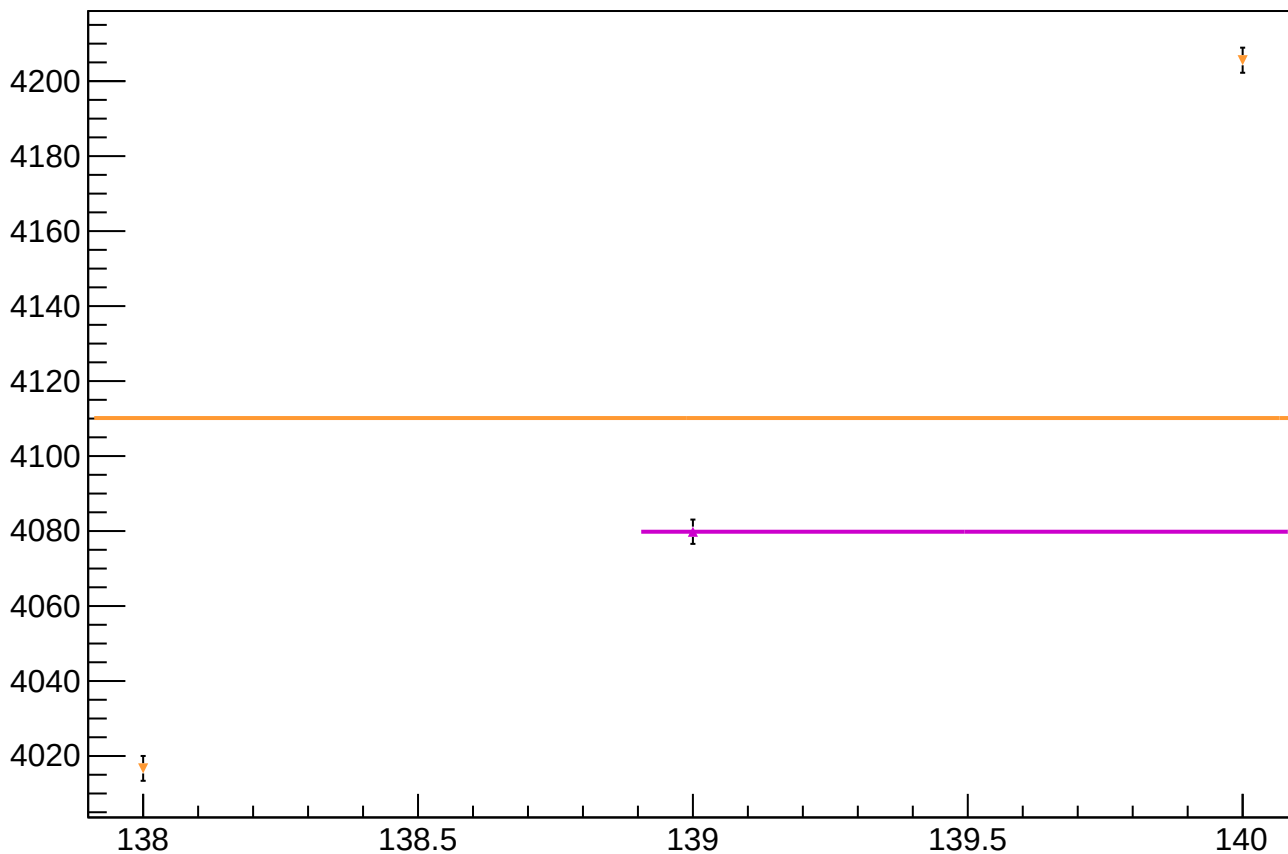
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -6948.613+/-4583.971 χ^2 /NDF:0.0/0

Out: 119.550+/-3329.227 χ^2 /NDF:3.1/1

All: -2321.267+/-2693.743 χ^2 /NDF: 4.7/2

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4110.141+/-2.354 χ^2/NDF :1609.2/1

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

Left In: 4079.819+/-3.241 χ^2/NDF :0.0/0

Left: 4099.670+/-1.905 χ^2/NDF : 1666.5/2

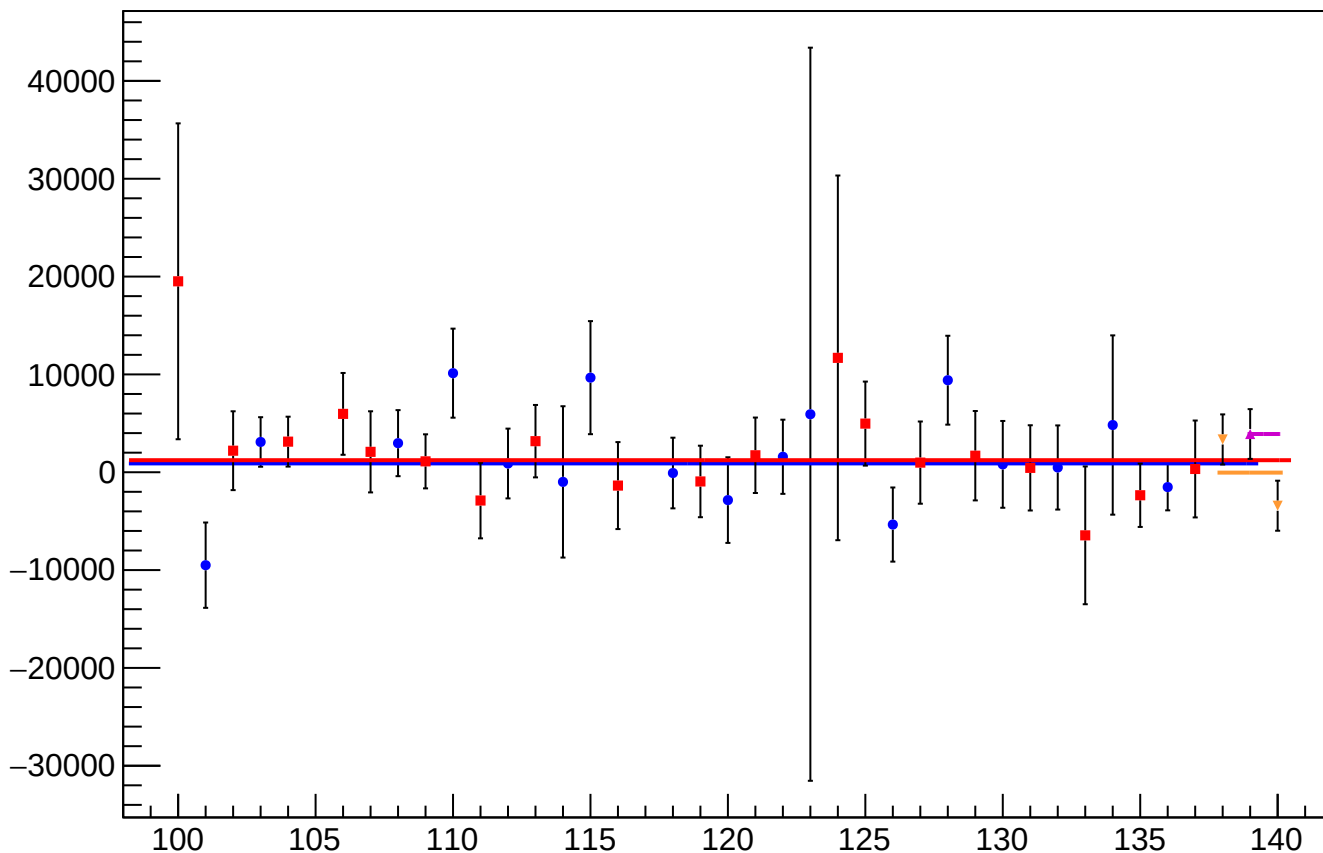
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4079.819+/-3.241 χ^2/NDF :0.0/0

Out: 4110.141+/-2.354 χ^2/NDF :1609.2/1

All: 4099.670+/-1.905 χ^2/NDF : 1666.5/2

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -37.697+/-1808.937 χ^2/NDF : 3.5/1

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

Left In: 3908.565+/-2542.854 χ^2/NDF : 0.0/0

Left: 1288.313+/-1474.015 χ^2/NDF : 5.1/2

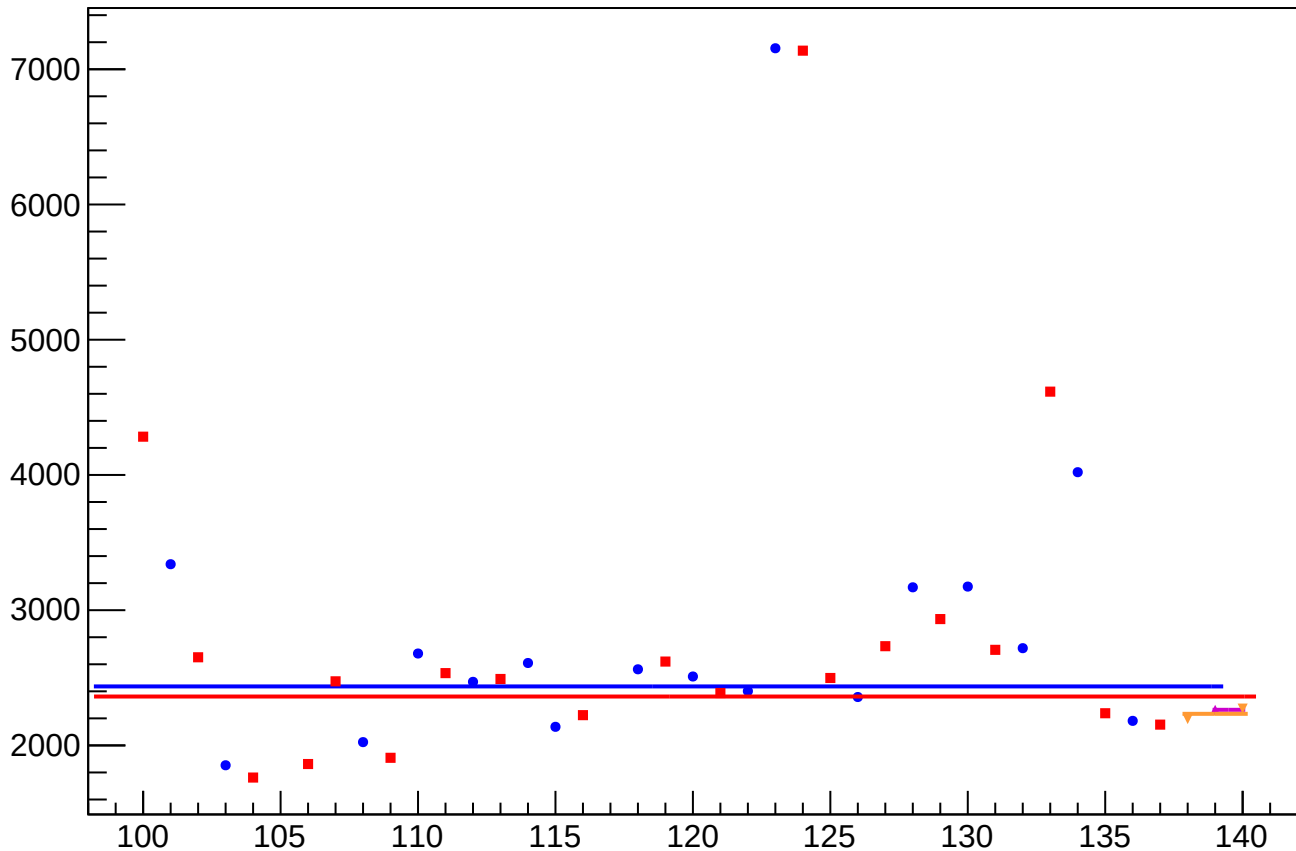
Right: 1073.549+/-666.754 χ^2/NDF : 30.6/35

In: 1279.489+/-899.697 χ^2/NDF : 22.8/17

Out: 968.023+/-823.593 χ^2/NDF : 12.8/20

All: 1110.028+/-607.495 χ^2/NDF : 35.7/38

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2233.535+/-1.279 χ^2/NDF :914.6/1

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

Left In: 2263.240+/-1.798 χ^2/NDF :0.0/0

Left: 2243.517+/-1.042 χ^2/NDF : 1095.8/2

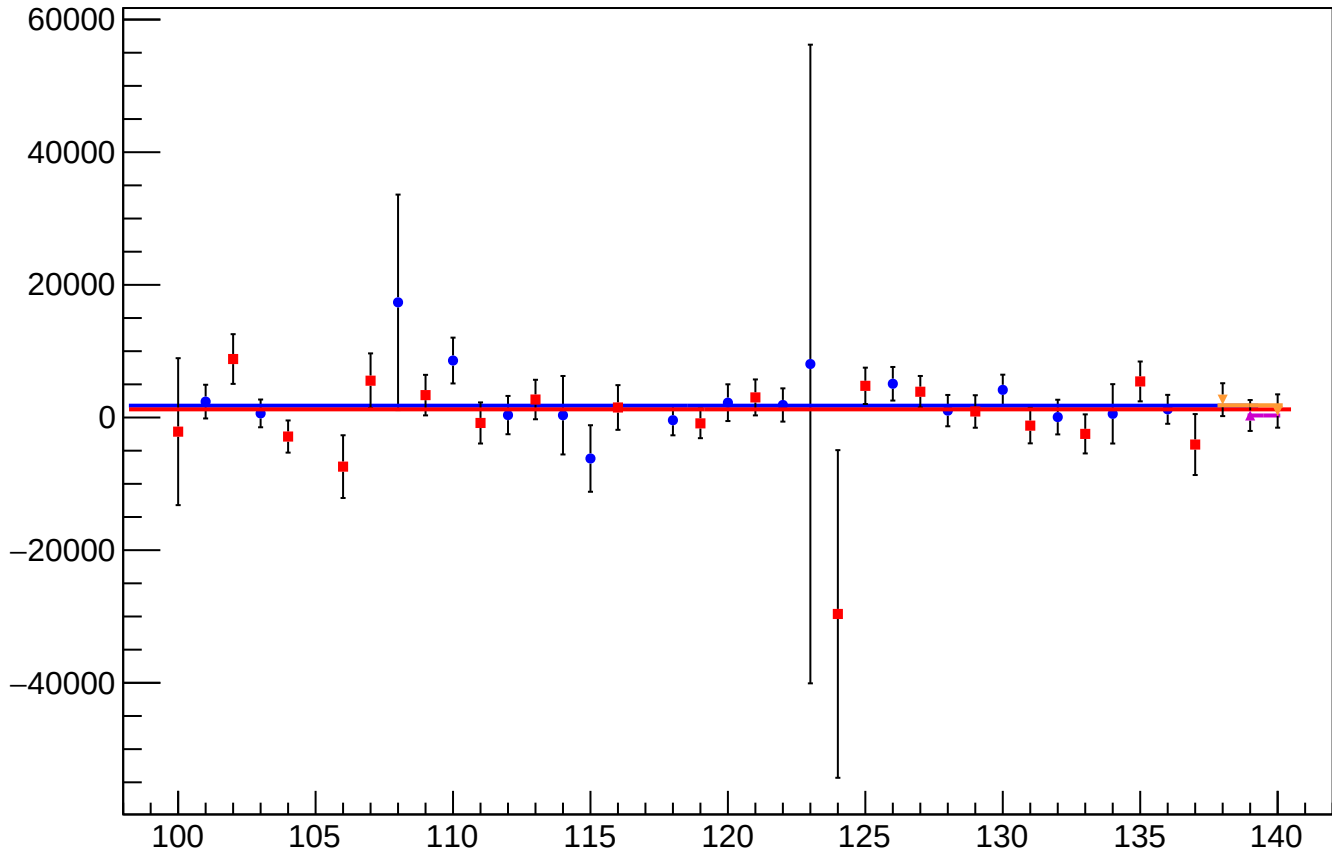
Right: 2397.448+/-0.471 χ^2/NDF : 1130664.2/35

In: 2414.597+/-0.636 χ^2/NDF :476652.2/17

Out: 2335.021+/-0.582 χ^2/NDF :664701.5/20

All: 2371.302+/-0.430 χ^2/NDF : 1149866.5/38

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1848.317+/-1764.459 χ^2/NDF : 0.2/1

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

Left In: 305.962+/-2330.387 χ^2/NDF : 0.0/0

Left: 1286.306+/-1406.723 χ^2/NDF : 0.5/2

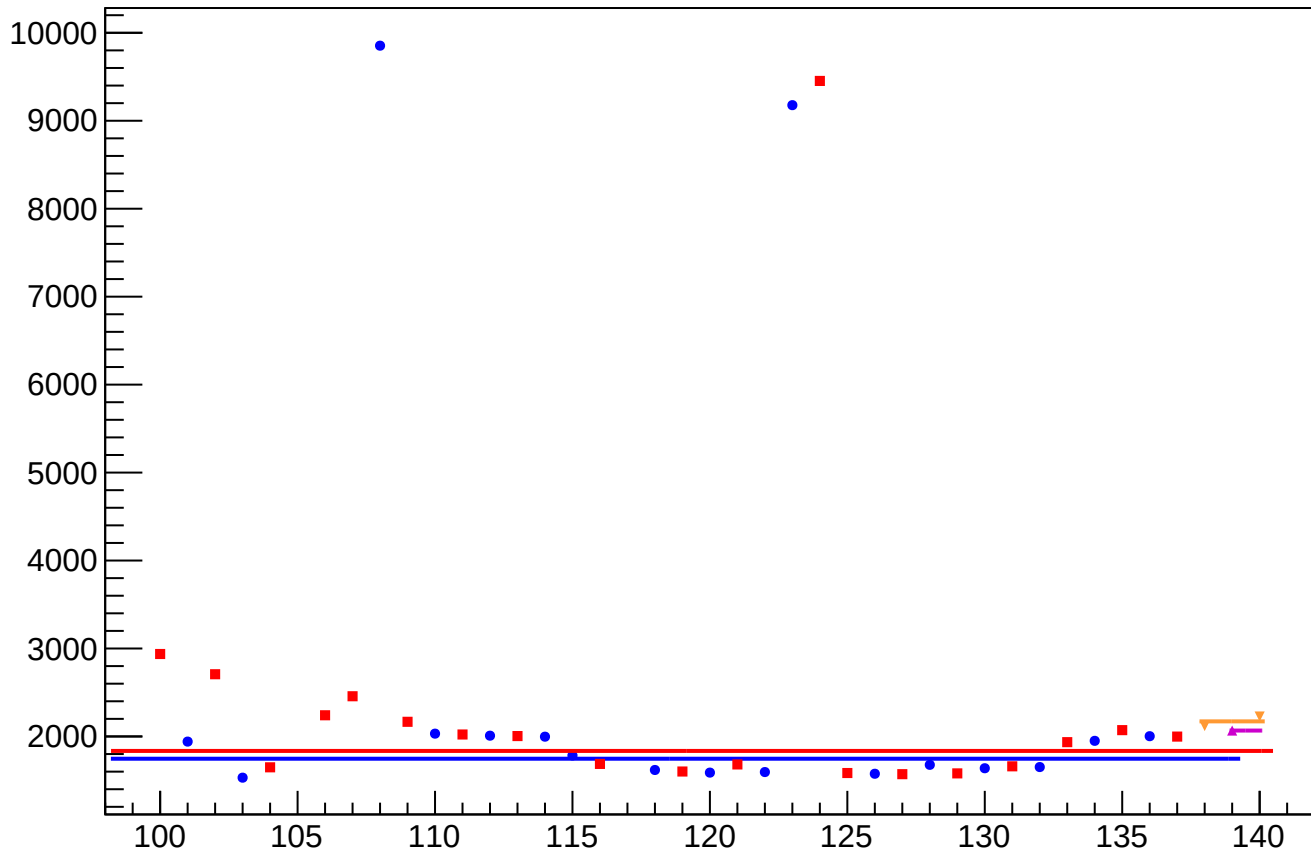
Right: 1511.828+/-495.804 χ^2/NDF : 37.0/35

In: 1663.011+/-665.487 χ^2/NDF : 12.8/17

Out: 1315.168+/-657.192 χ^2/NDF : 24.6/20

All: 1486.908+/-467.610 χ^2/NDF : 37.5/38

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2171.496+/-1.248 χ^2 /NDF:1898.2/1

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

Left In: 2066.985+/-1.648 χ^2 /NDF:0.0/0

Left: 2133.414+/-0.995 χ^2 /NDF: 4455.0/2

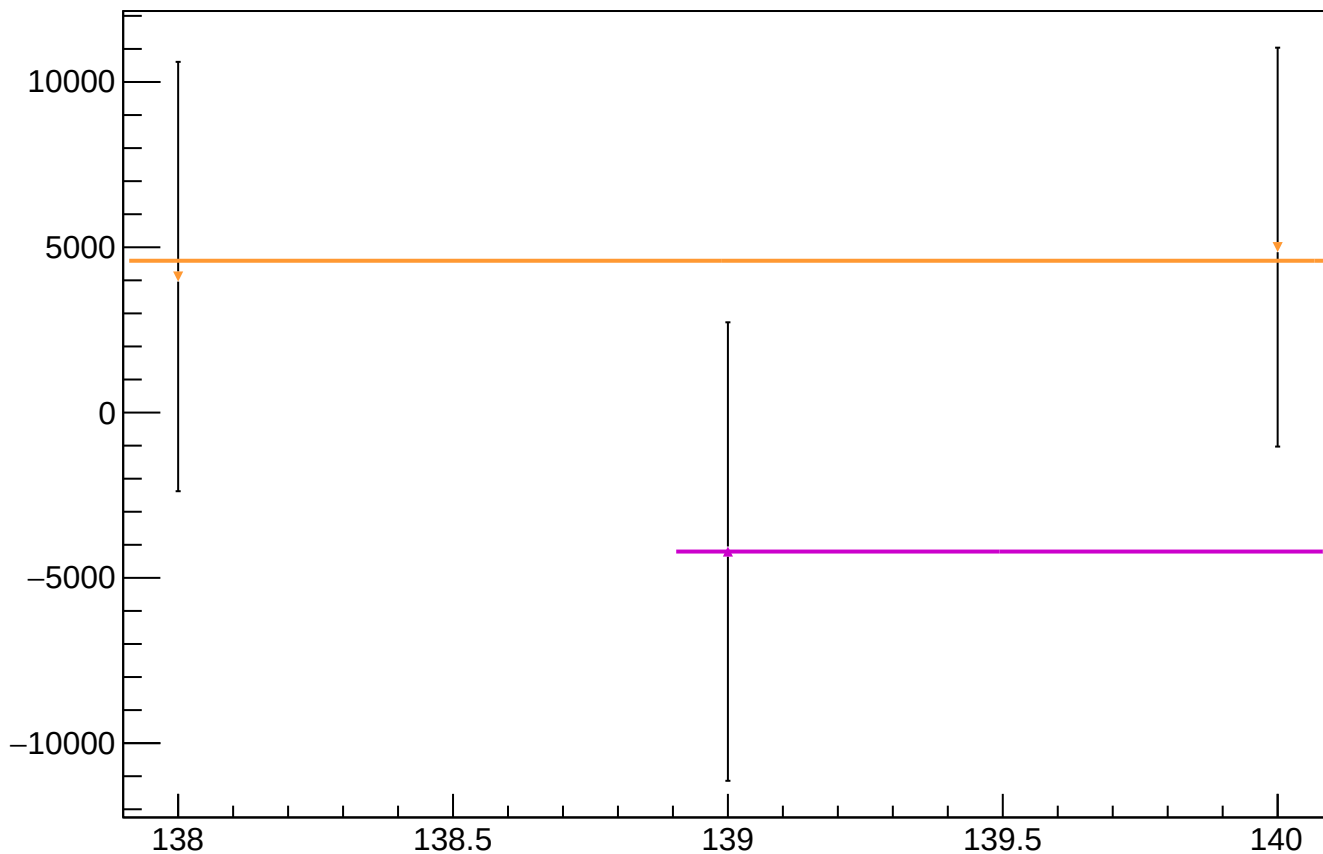
Right: 1790.310+/-0.350 χ^2 /NDF: 1248859.1/35

In: 1772.944+/-0.471 χ^2 /NDF:717152.9/17

Out: 1881.941+/-0.464 χ^2 /NDF:614816.2/20

All: 1828.182+/-0.330 χ^2 /NDF: 1359158.5/38

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4592.483+/-4420.155 χ^2/NDF : 0.0/1

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

Left In: -4204.037+/-6934.663 χ^2/NDF : 0.0/0

Left: 2051.138+/-3727.364 χ^2/NDF : 1.2/2

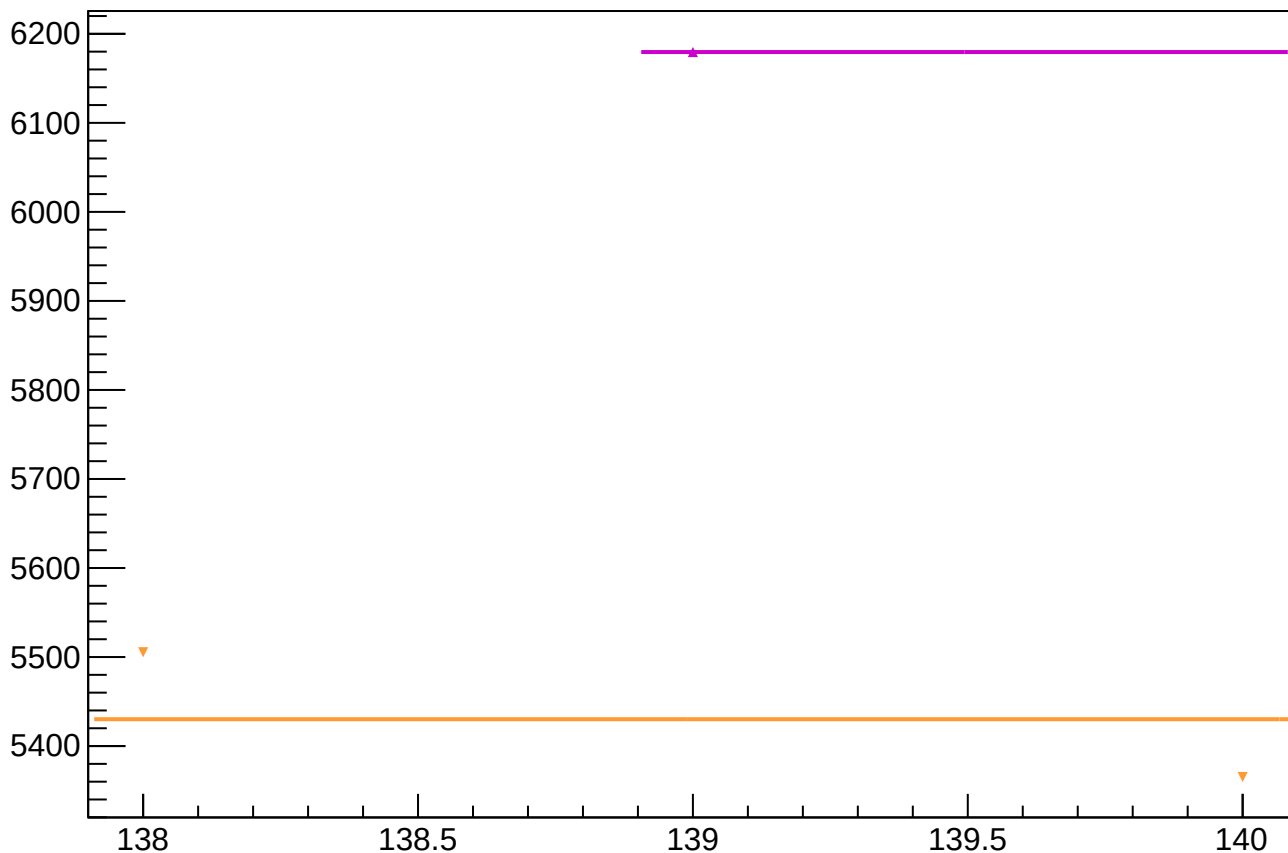
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4204.037+/-6934.663 χ^2/NDF : 0.0/0

Out: 4592.483+/-4420.155 χ^2/NDF : 0.0/1

All: 2051.138+/-3727.364 χ^2/NDF : 1.2/2

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 5430.170+/-3.126 χ^2/NDF : 499.7/1

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

Left In: 6179.557+/-4.904 χ^2/NDF : 0.0/0

Left: 5646.670+/-2.636 χ^2/NDF : 17107.9/2

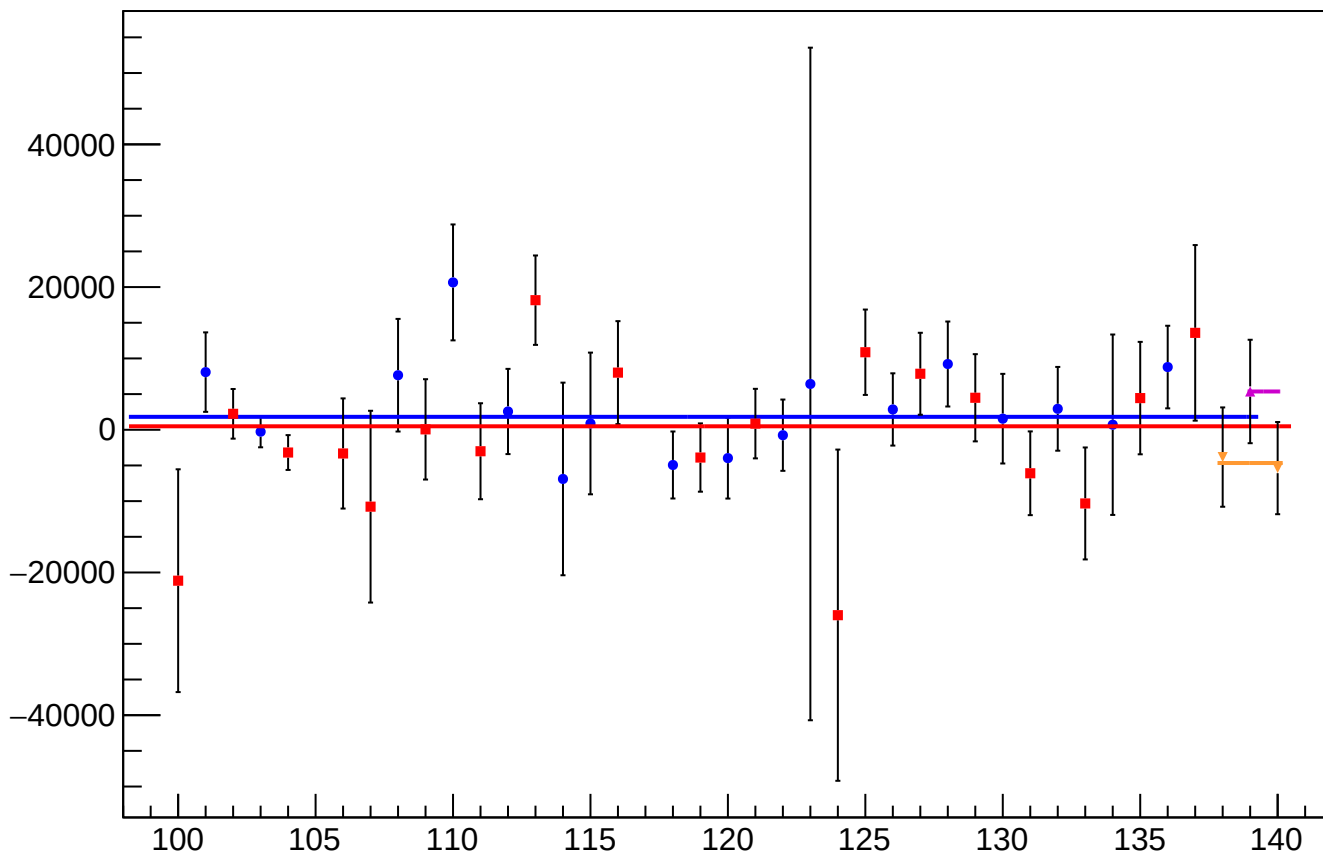
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6179.557+/-4.904 χ^2/NDF : 0.0/0

Out: 5430.170+/-3.126 χ^2/NDF : 499.7/1

All: 5646.670+/-2.636 χ^2/NDF : 17107.9/2

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -4657.140+/-4734.858 χ^2/NDF : 0.0/1

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

Left In: 5367.045+/-7248.795 χ^2/NDF : 0.0/0

Left: -1659.283+/-3964.119 χ^2/NDF : 1.4/2

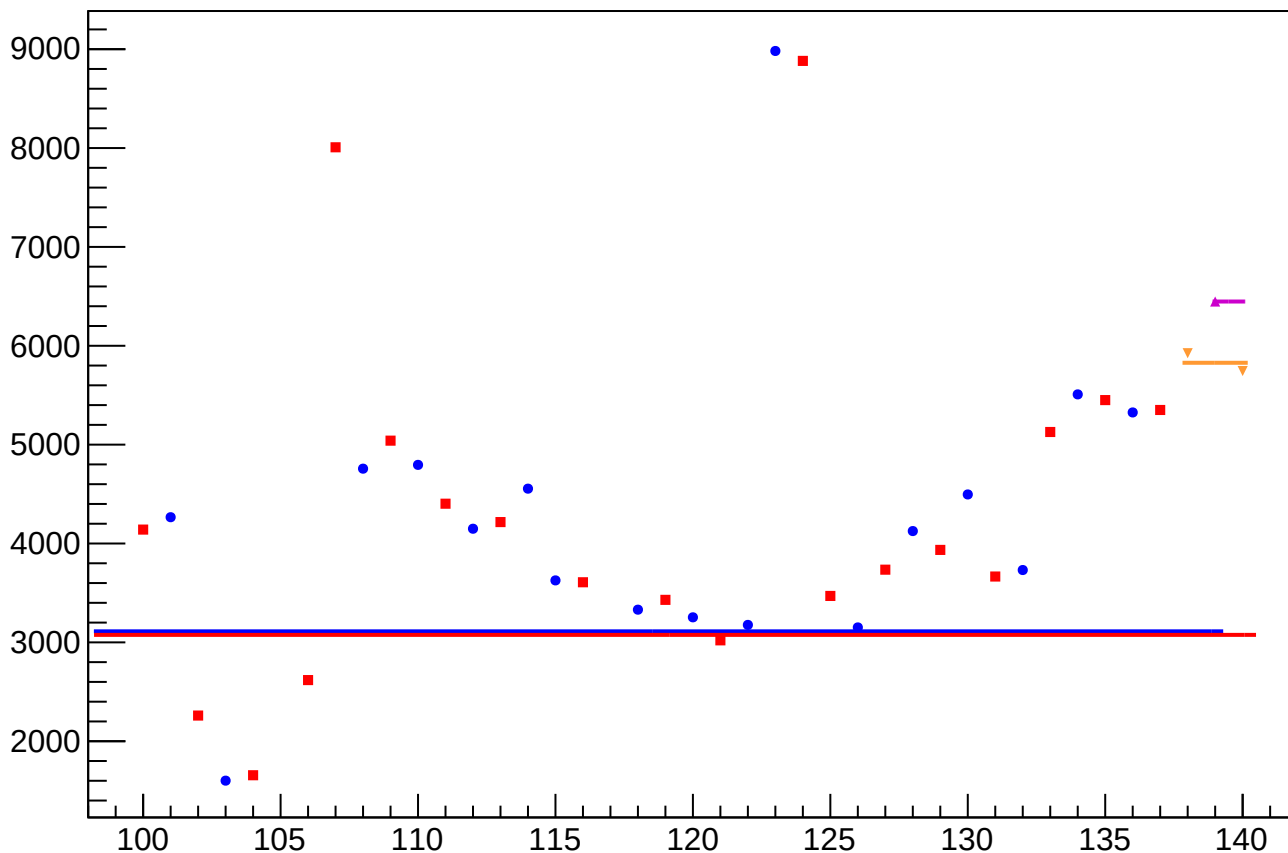
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

In: 1925.191+/-1280.836 χ^2/NDF : 15.2/17

Out: 134.826+/-1241.106 χ^2/NDF : 27.6/20

All: 1001.810+/-891.309 χ^2/NDF : 43.8/38

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5828.017+/-3.348 χ^2/NDF : 719.2/1

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

Left In: 6447.626+/-5.126 χ^2/NDF : 0.0/0

Left: 6013.319+/-2.803 χ^2/NDF : 10961.8/2

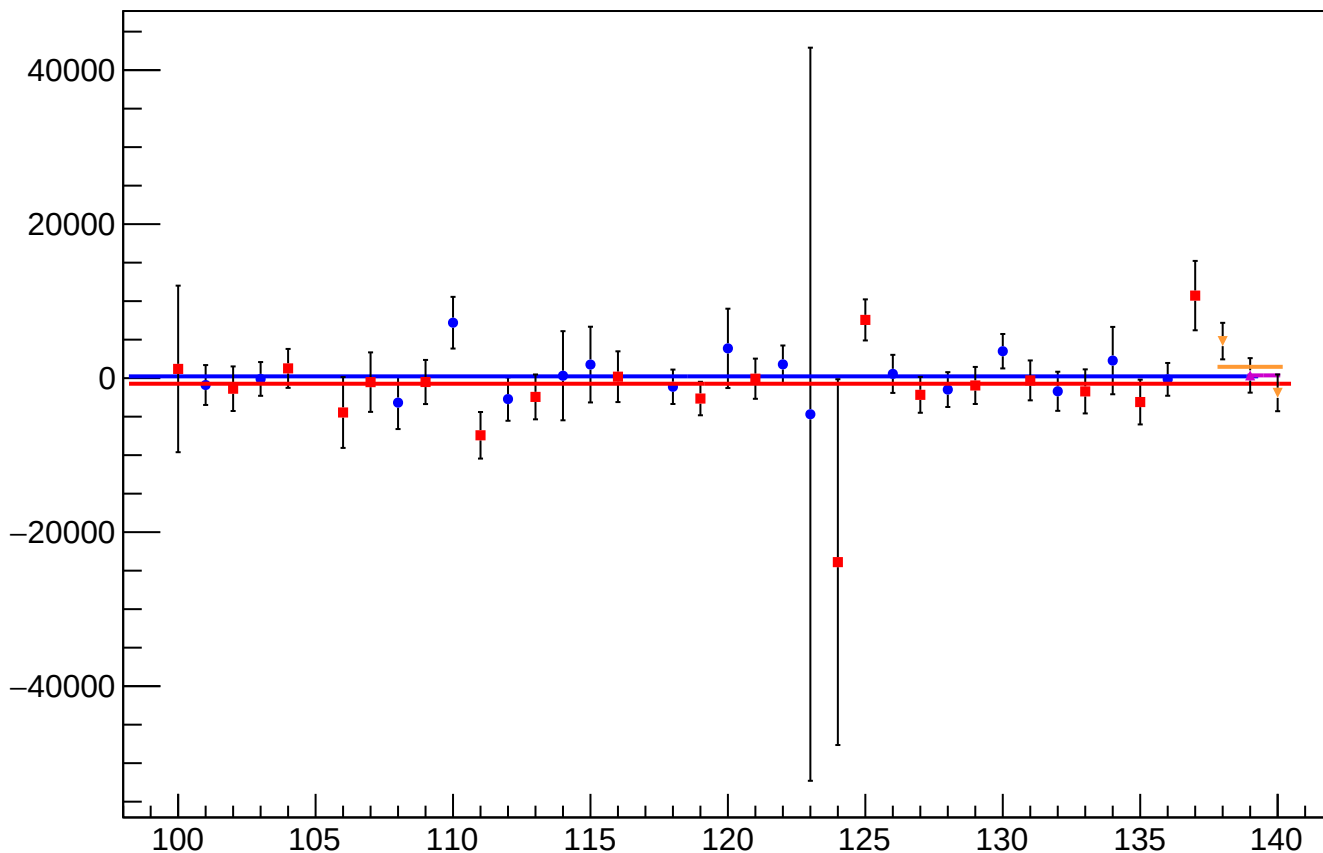
Right: 3093.209+/-0.642 χ^2/NDF : 3889323.9/35

In: 3215.716+/-0.906 χ^2/NDF : 2289377.2/17

Out: 3259.827+/-0.866 χ^2/NDF : 2640836.0/20

All: 3238.766+/-0.626 χ^2/NDF : 4931452.6/38

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1470.732+/-1681.094 χ^2/NDF : 4.0/1

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

Left In: 358.410+/-2241.327 χ^2/NDF : 0.0/0

Left: 1070.266+/-1344.847 χ^2/NDF : 4.2/2

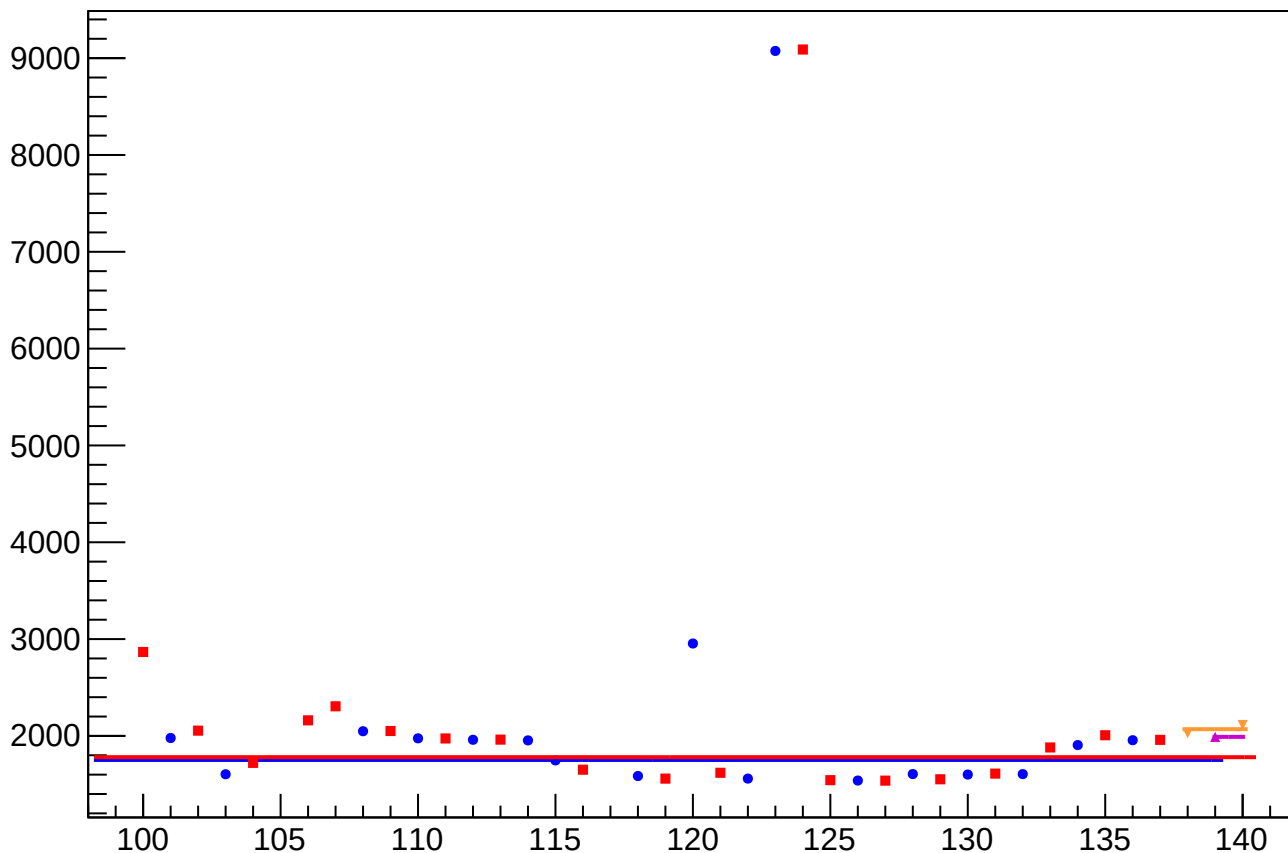
Right: -248.748+/-484.705 χ^2/NDF : 38.3/35

In: 243.145+/-656.650 χ^2/NDF : 11.5/17

Out: -413.994+/-633.703 χ^2/NDF : 31.3/20

All: -97.106+/-455.992 χ^2/NDF : 43.3/38

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2069.623+/-1.189 χ^2/NDF :1294.4/1

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

Left In: 1990.190+/-1.585 χ^2/NDF :0.0/0

Left: 2041.025+/-0.951 χ^2/NDF : 2902.1/2

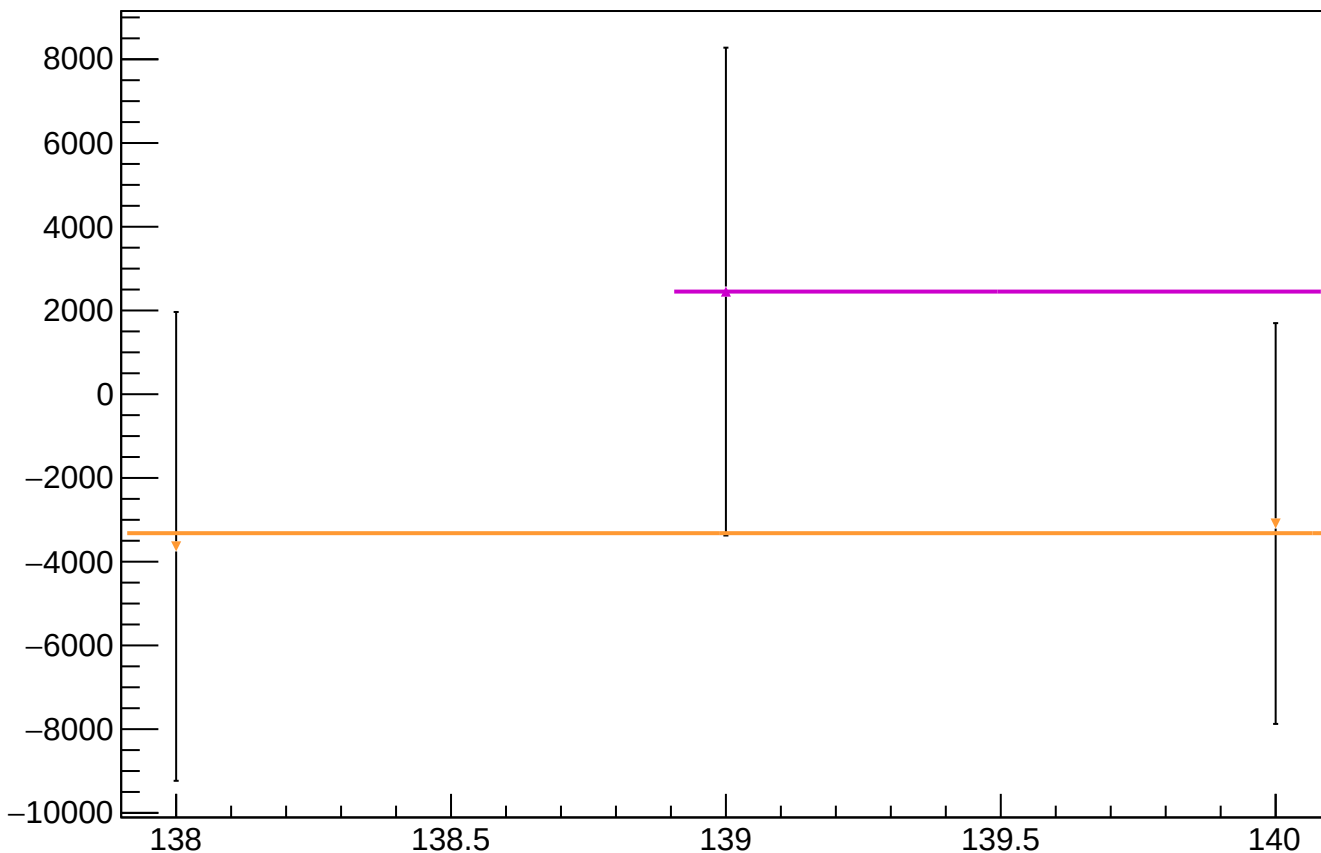
Right: 1766.106+/-0.342 χ^2/NDF : 730940.0/35

In: 1772.308+/-0.464 χ^2/NDF :321572.8/17

Out: 1821.222+/-0.447 χ^2/NDF :480498.7/20

All: 1797.668+/-0.322 χ^2/NDF : 807825.3/38

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3319.063+/-3638.204 χ^2/NDF : 0.0/1

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

Left In: 2451.379+/-5825.811 χ^2/NDF : 0.0/0

Left: -1700.027+/-3085.888 χ^2/NDF : 0.7/2

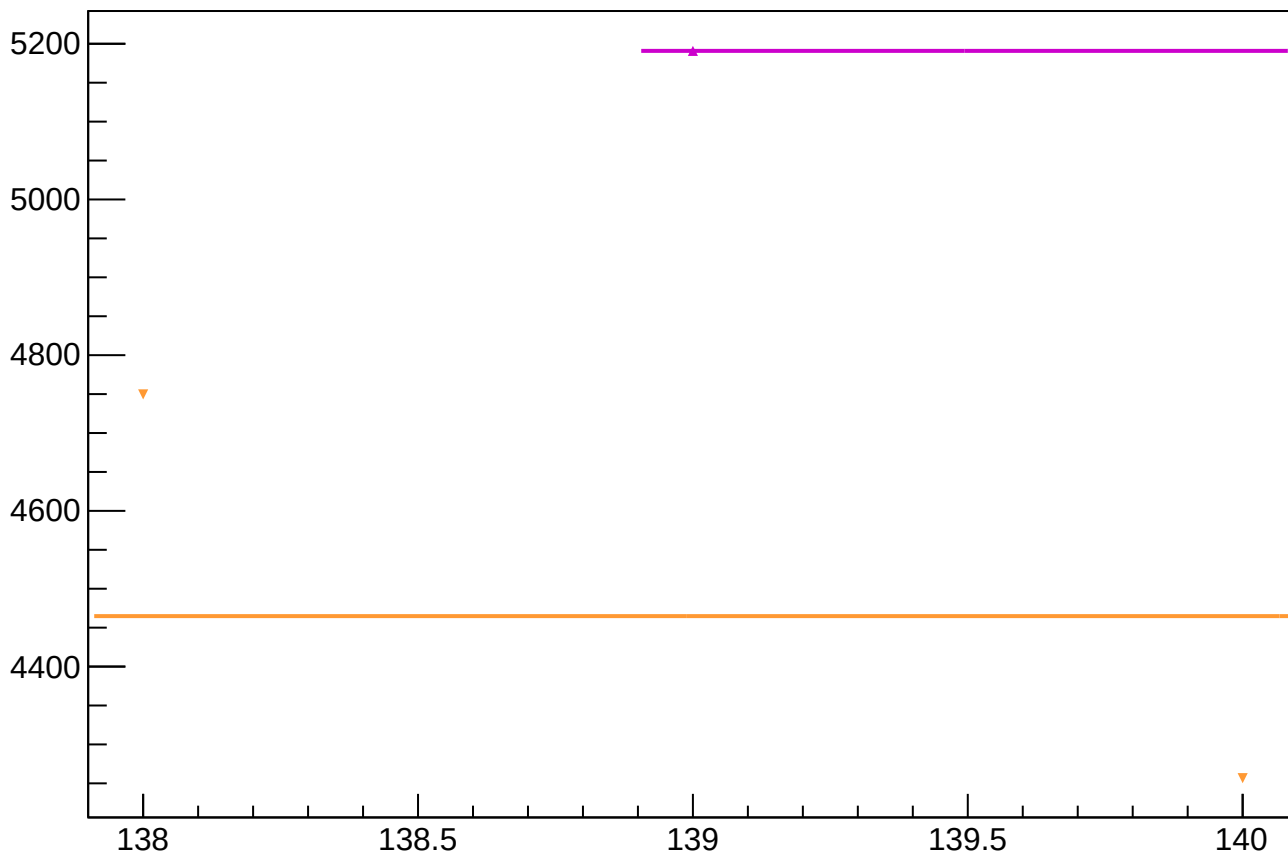
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2451.379+/-5825.811 χ^2/NDF : 0.0/0

Out: -3319.063+/-3638.204 χ^2/NDF : 0.0/1

All: -1700.027+/-3085.888 χ^2/NDF : 0.7/2

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4464.810+/-2.573 χ^2/NDF : 8957.1/1

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

Left In: 5190.868+/-4.119 χ^2/NDF : 0.0/0

Left: 4668.523+/-2.182 χ^2/NDF : 31305.5/2

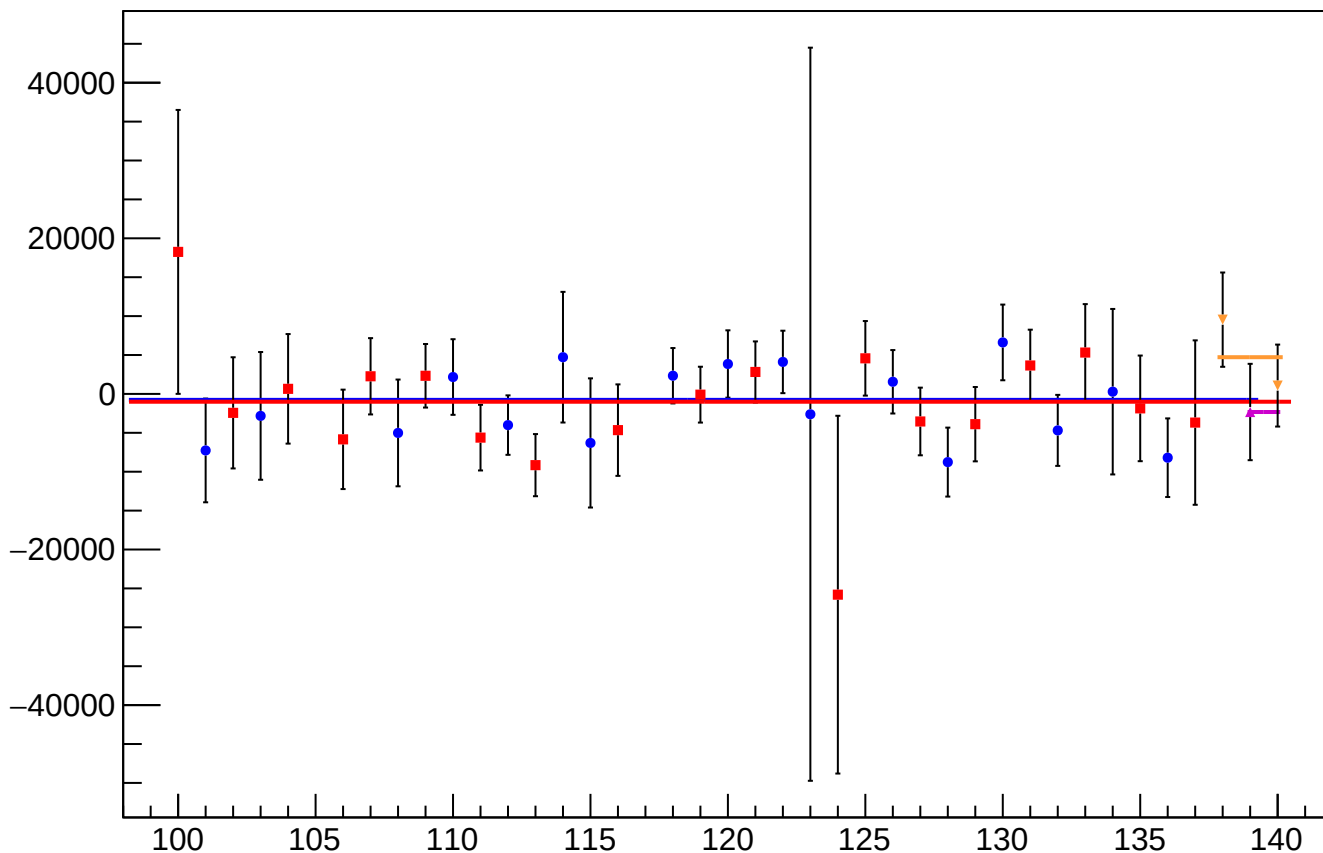
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5190.868+/-4.119 χ^2/NDF : 0.0/0

Out: 4464.810+/-2.573 χ^2/NDF : 8957.1/1

All: 4668.523+/-2.182 χ^2/NDF : 31305.5/2

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 4717.890+/-3975.639 χ^2/NDF : 1.1/1

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

Left In: -2326.207+/-6191.728 χ^2/NDF : 0.0/0

Left: 2661.549+/-3345.391 χ^2/NDF : 2.0/2

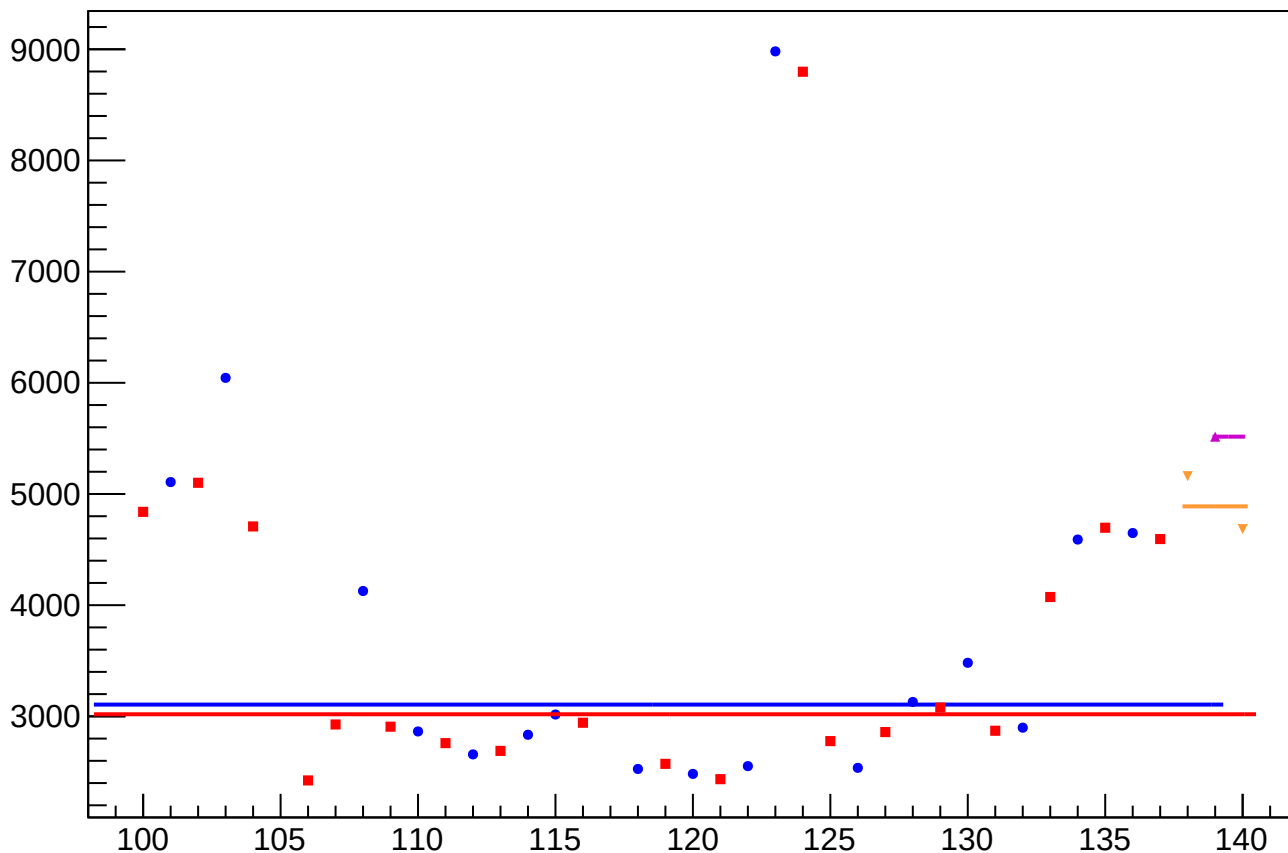
Right: -890.508+/-861.557 χ^2/NDF : 30.6/35

In: -826.025+/-1223.117 χ^2/NDF : 15.6/17

Out: -533.421+/-1141.007 χ^2/NDF : 18.0/20

All: -669.573+/-834.333 χ^2/NDF : 33.6/38

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4888.686+/-2.811 χ^2/NDF : 7032.0/1

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

Left In: 5515.716+/-4.378 χ^2/NDF : 0.0/0

Left: 5071.731+/-2.366 χ^2/NDF : 21555.2/2

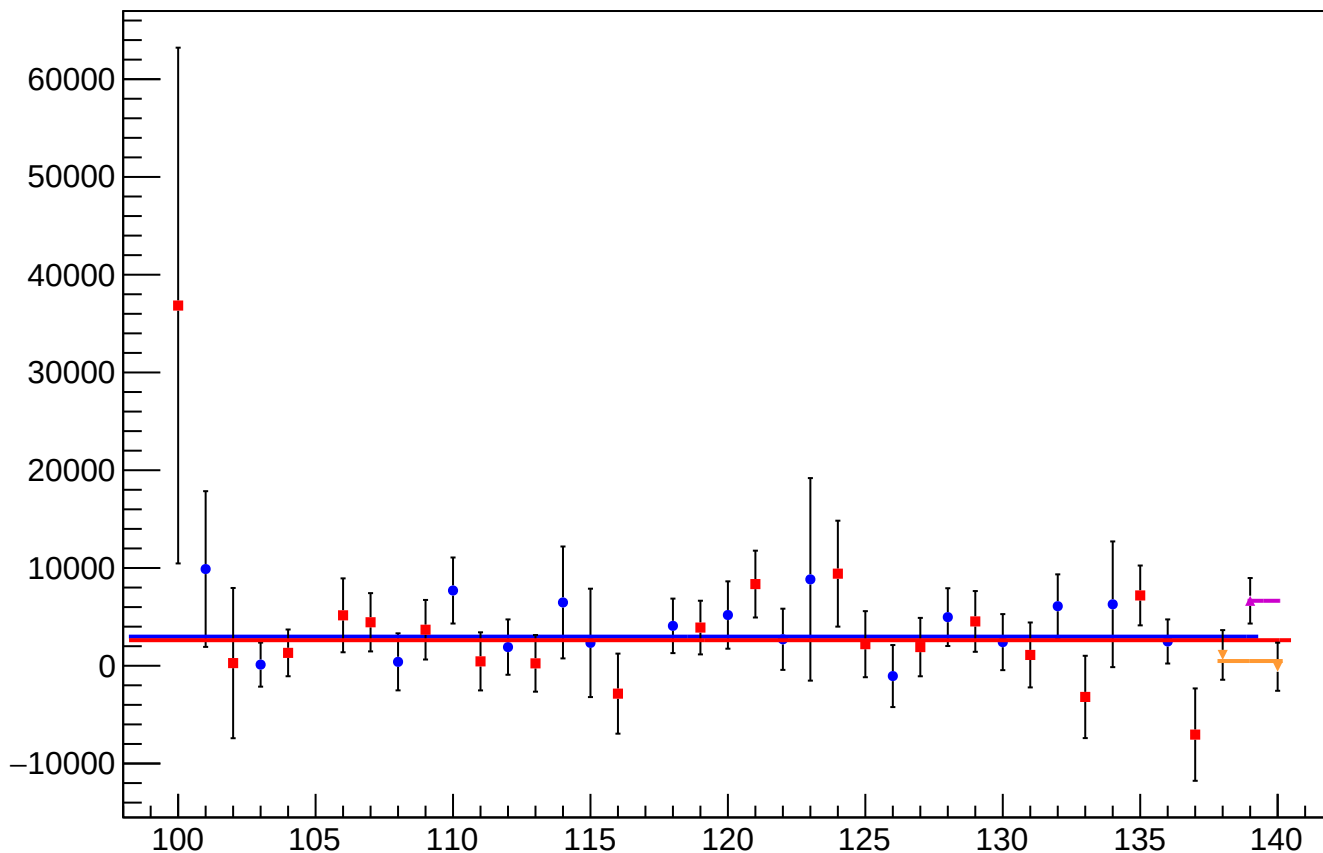
Right: 3059.752+/-0.605 χ^2/NDF : 1759257.8/35

In: 3199.887+/-0.865 χ^2/NDF : 1250969.0/17

Out: 3169.297+/-0.798 χ^2/NDF : 1208134.1/20

All: 3183.356+/-0.586 χ^2/NDF : 2459779.2/38

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 483.552+/-1766.576 χ^2/NDF : 0.1/1

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

Left In: 6645.876+/-2328.283 χ^2/NDF : 0.0/0

Left: 2735.018+/-1407.331 χ^2/NDF : 4.6/2

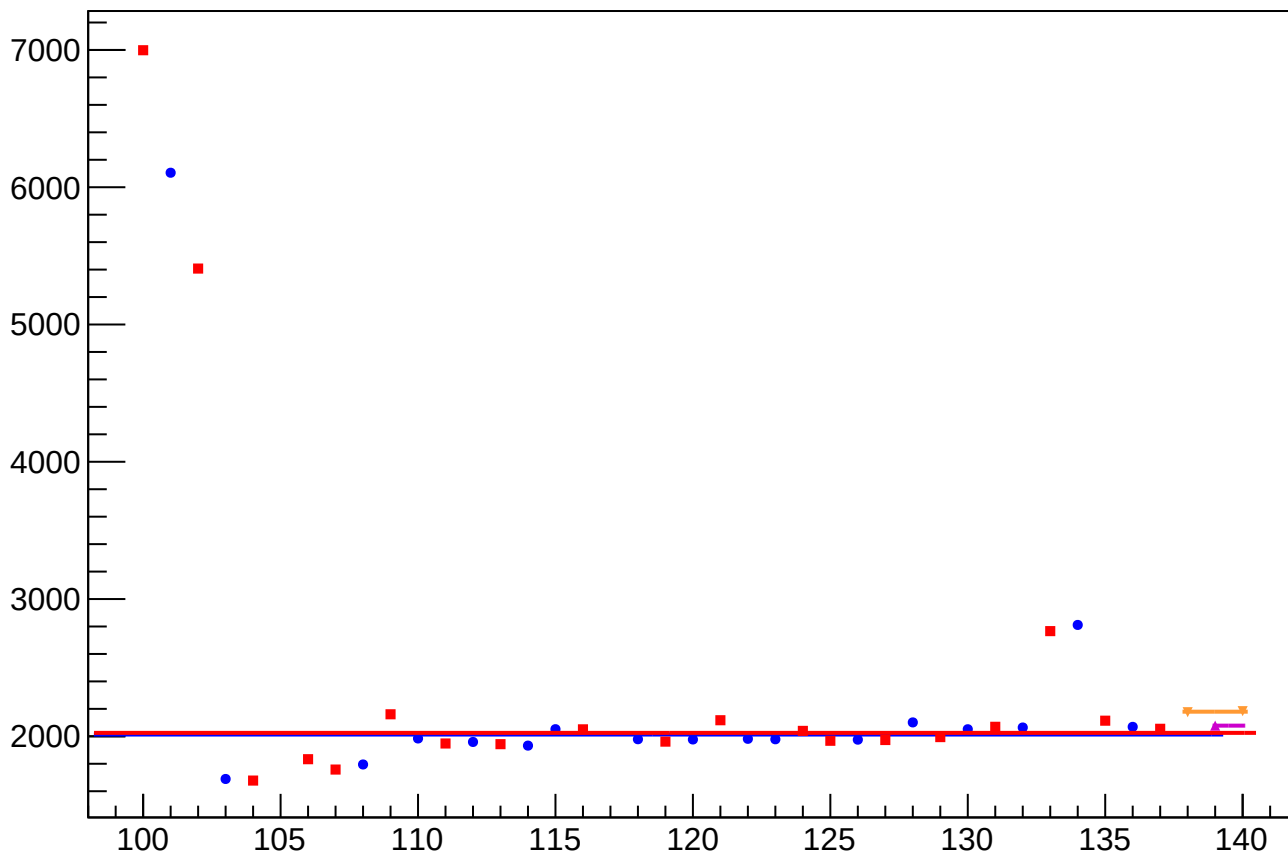
Right: 2793.353+/-558.079 χ^2/NDF : 29.6/35

In: 3361.728+/-752.688 χ^2/NDF : 12.1/17

Out: 2263.919+/-716.011 χ^2/NDF : 20.9/20

All: 2785.426+/-518.778 χ^2/NDF : 34.1/38

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2179.408+/-1.249 χ^2/NDF : 9.2/1

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

Left In: 2077.715+/-1.646 χ^2/NDF : 0.0/0

Left: 2142.254+/-0.995 χ^2/NDF : 2430.6/2

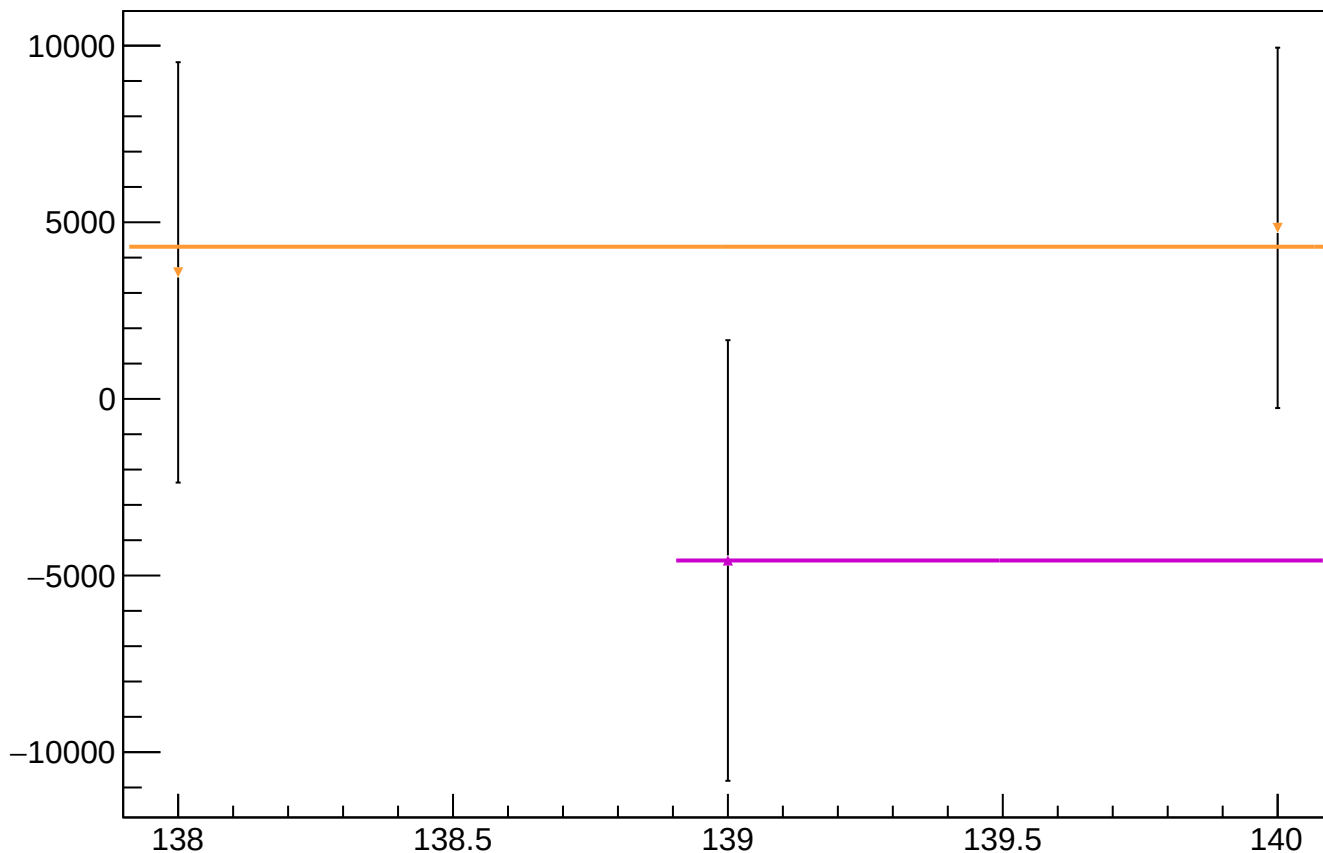
Right: 2019.103+/-0.395 χ^2/NDF : 1215366.0/35

In: 2019.714+/-0.532 χ^2/NDF : 619093.4/17

Out: 2050.410+/-0.506 χ^2/NDF : 610190.9/20

All: 2035.832+/-0.367 χ^2/NDF : 1231030.9/38

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4307.910+/-3872.749 χ^2/NDF : 0.0/1

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

Left In: -4574.072+/-6236.577 χ^2/NDF : 0.0/0

Left: 1836.097+/-3290.024 χ^2/NDF : 1.5/2

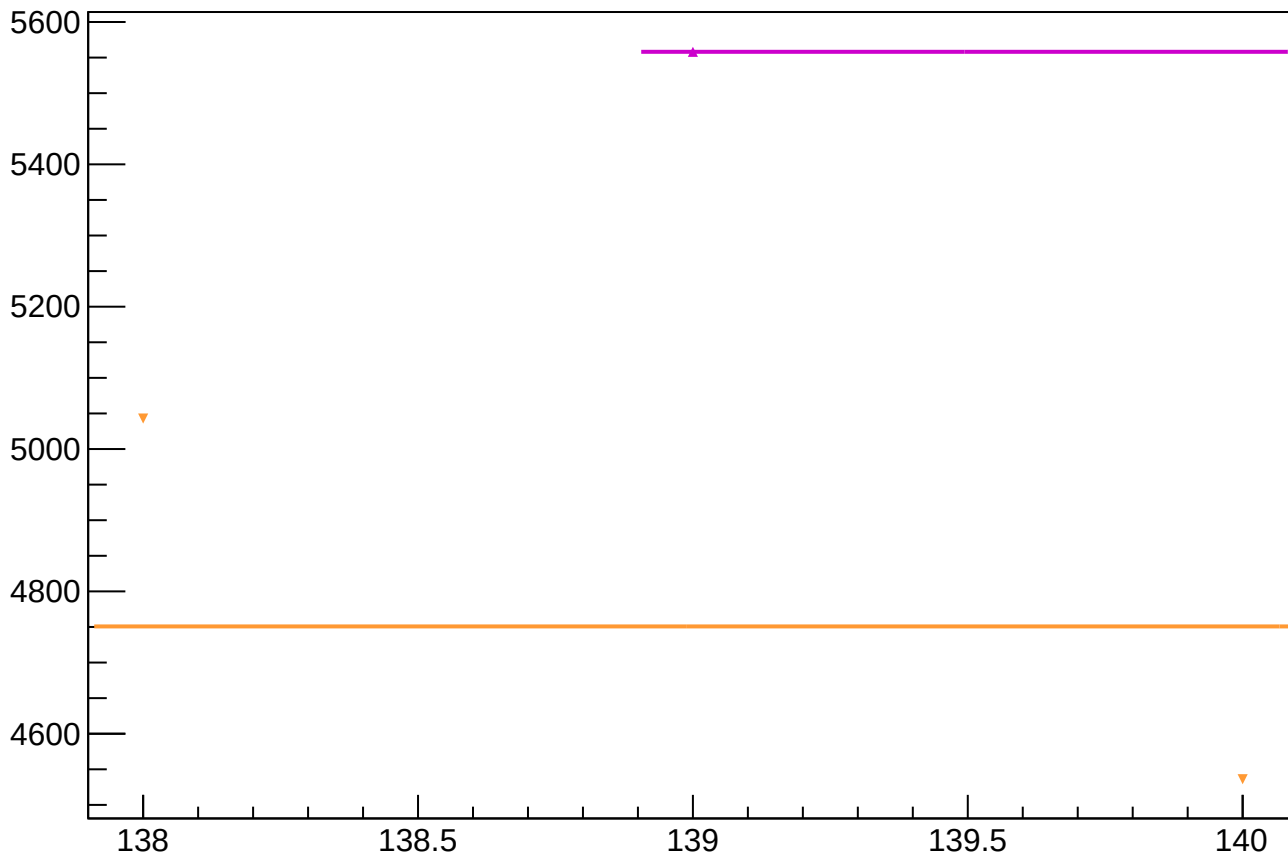
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4574.072+/-6236.577 χ^2/NDF : 0.0/0

Out: 4307.910+/-3872.749 χ^2/NDF : 0.0/1

All: 1836.097+/-3290.024 χ^2/NDF : 1.5/2

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4750.755+/-2.738 χ^2/NDF : 8362.3/1

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

Left In: 5558.115+/-4.410 χ^2/NDF : 0.0/0

Left: 4975.439+/-2.326 χ^2/NDF : 32552.0/2

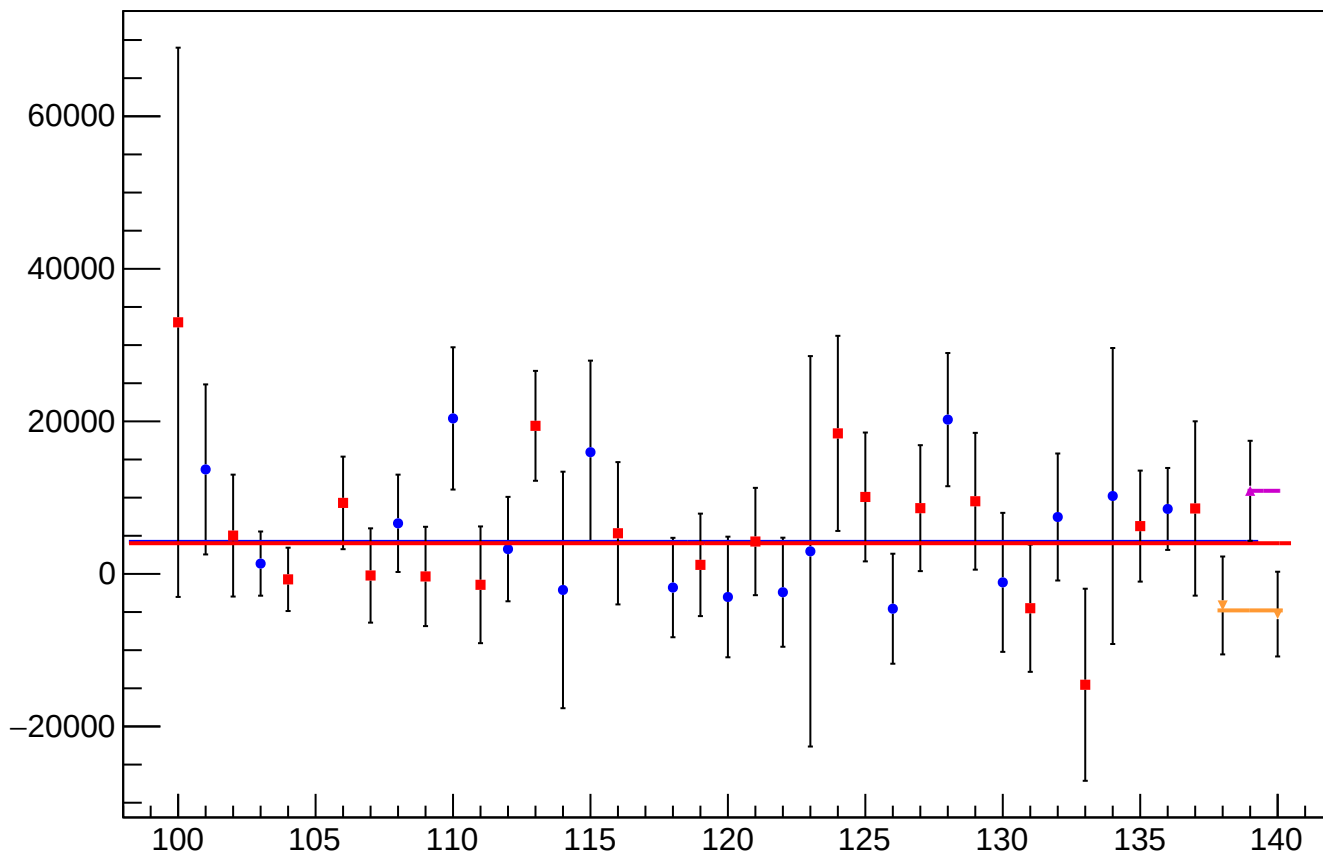
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5558.115+/-4.410 χ^2/NDF : 0.0/0

Out: 4750.755+/-2.738 χ^2/NDF : 8362.3/1

All: 4975.439+/-2.326 χ^2/NDF : 32552.0/2

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -4783.955+/-4200.571 χ^2/NDF : 0.0/1

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

Left In: 10896.333+/-6556.003 χ^2/NDF : 0.0/0

Left: -220.309+/-3536.862 χ^2/NDF : 4.1/2

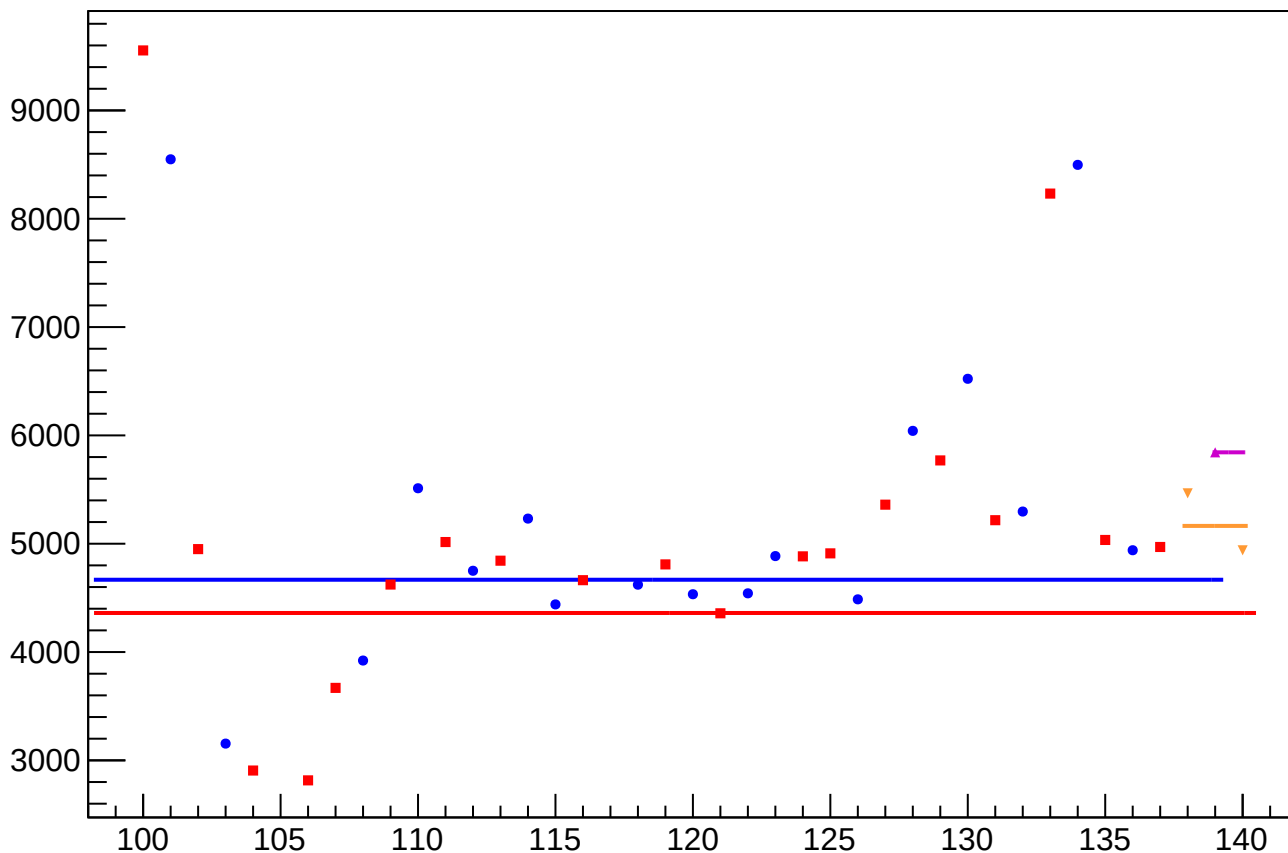
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

In: 4696.614+/-1787.423 χ^2/NDF : 15.1/17

Out: 2752.462+/-1595.839 χ^2/NDF : 18.6/20

All: 3614.798+/-1190.421 χ^2/NDF : 34.4/38

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5164.396+/-2.970 χ^2/NDF : 7681.1/1

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

Left In: 5843.695+/-4.636 χ^2/NDF : 0.0/0

Left: 5362.101+/-2.501 χ^2/NDF : 22903.9/2

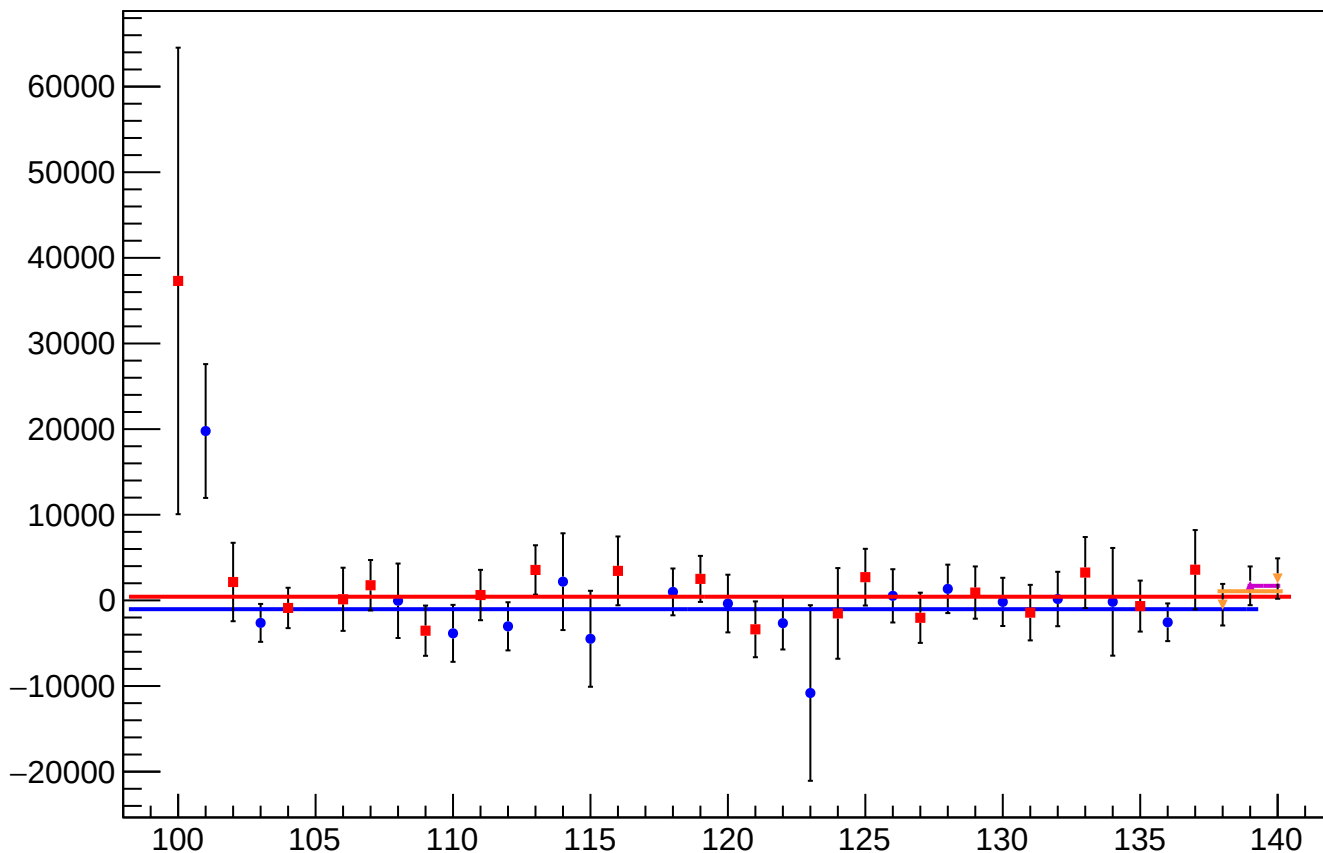
Right: 4501.800+/-0.891 χ^2/NDF : 1640064.7/35

In: 4754.901+/-1.264 χ^2/NDF : 837449.8/17

Out: 4475.453+/-1.123 χ^2/NDF : 903196.3/20

All: 4598.720+/-0.839 χ^2/NDF : 1767967.8/38

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1067.704 $\pm$ 1691.873 χ^2 /NDF:0.8/1

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

Left In: 1701.244 $\pm$ 2261.129 χ^2 /NDF:0.0/0

Left: 1295.094 $\pm$ 1354.640 χ^2 /NDF: 0.9/2

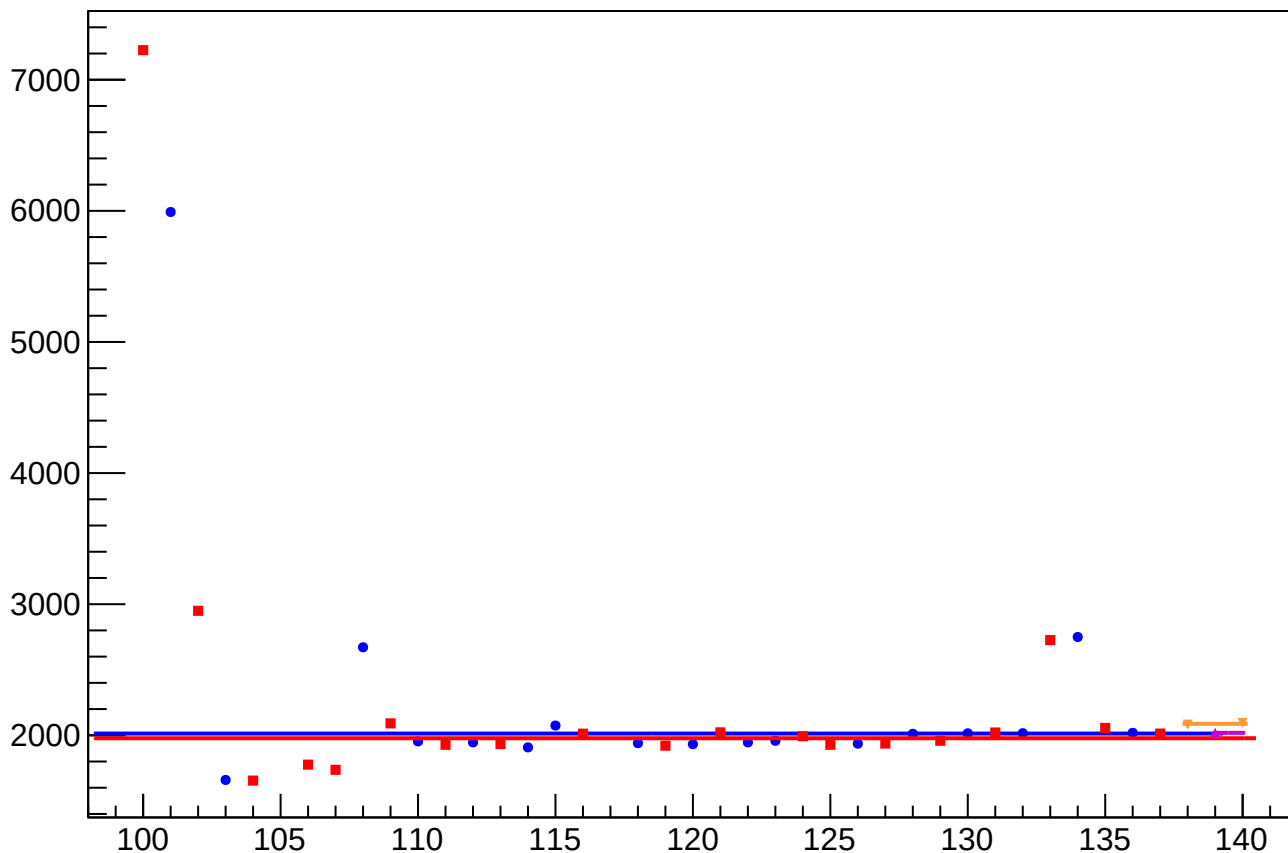
Right: -265.860 $\pm$ 550.193 χ^2 /NDF: 25.6/35

In: -725.816 $\pm$ 751.334 χ^2 /NDF:14.3/17

Out: 536.008 $\pm$ 693.886 χ^2 /NDF:11.7/20

All: -44.825 $\pm$ 509.752 χ^2 /NDF: 27.6/38

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2087.732+/-1.196 χ^2/NDF :31.2/1

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

Left In: 2018.626+/-1.599 χ^2/NDF :0.0/0

Left: 2062.928+/-0.958 χ^2/NDF : 1228.9/2

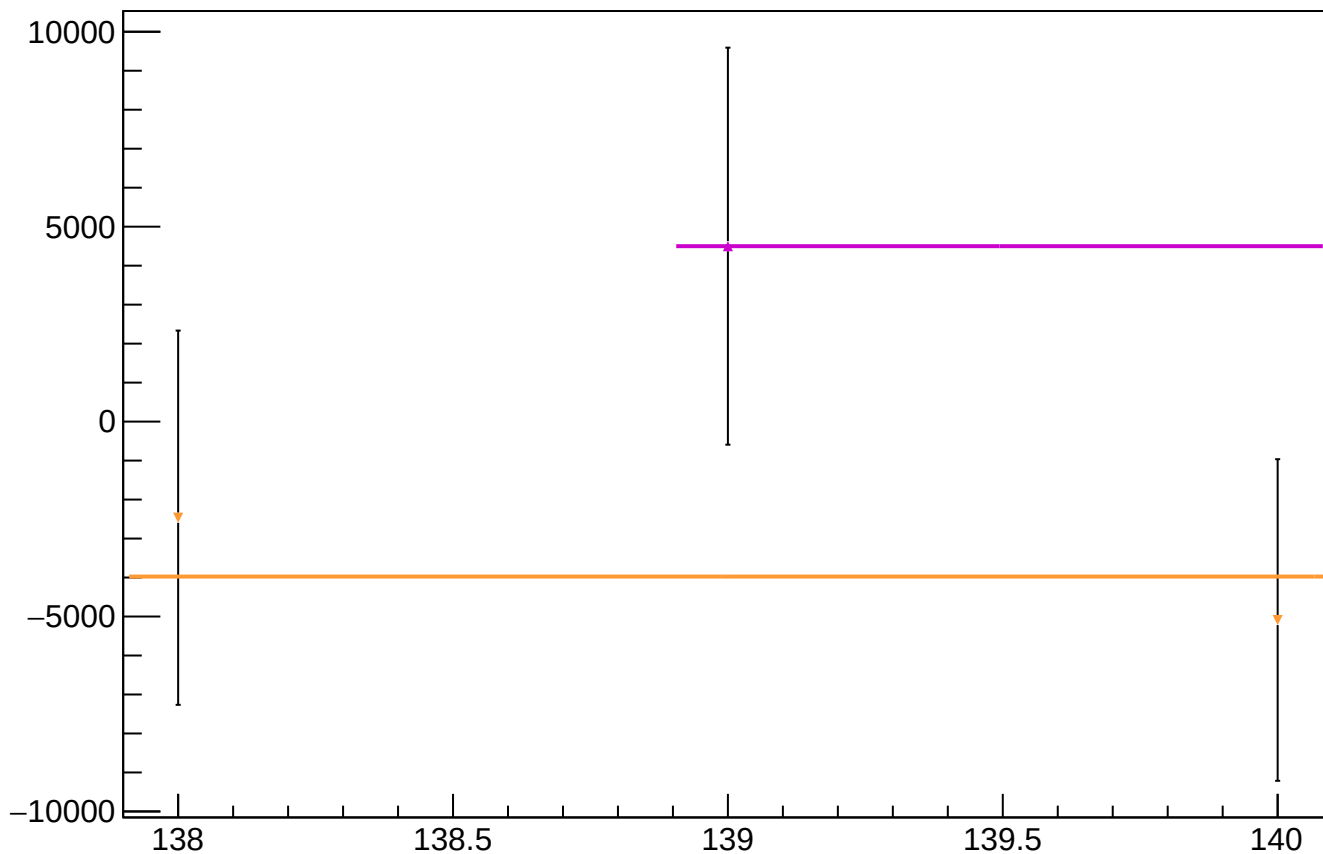
Right: 1994.568+/-0.389 χ^2/NDF : 947053.5/35

In: 2013.861+/-0.531 χ^2/NDF :650058.6/17

Out: 1996.046+/-0.490 χ^2/NDF :301989.1/20

All: 2004.239+/-0.360 χ^2/NDF : 952655.0/38

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3974.808+/-3128.238 χ^2/NDF : 0.2/1

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

Left In: 4499.700+/-5091.851 χ^2/NDF : 0.0/0

Left: -1652.660+/-2665.406 χ^2/NDF : 2.2/2

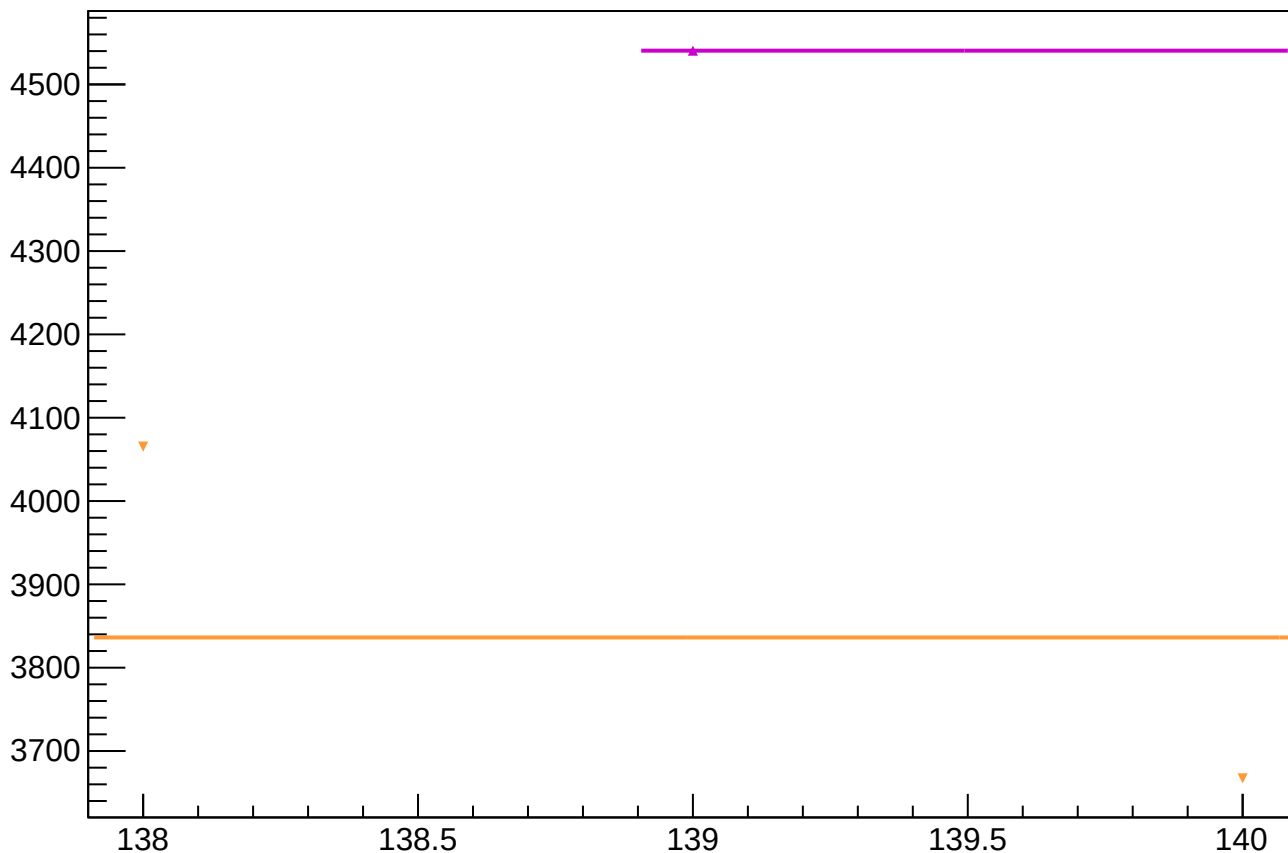
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4499.700+/-5091.851 χ^2/NDF : 0.0/0

Out: -3974.808+/-3128.238 χ^2/NDF : 0.2/1

All: -1652.660+/-2665.406 χ^2/NDF : 2.2/2

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Left: 4029.247 ± 1.885 $\chi^2/\text{NDF}: 35690.3/2$

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4540.509+/-3.600 χ^2 /NDF:0.0/0

Out: 3836.276+/-2.212 χ^2/NDF :7916.3/1

All: 4029.247+/-1.885 χ^2/NDF : 35690.3/2

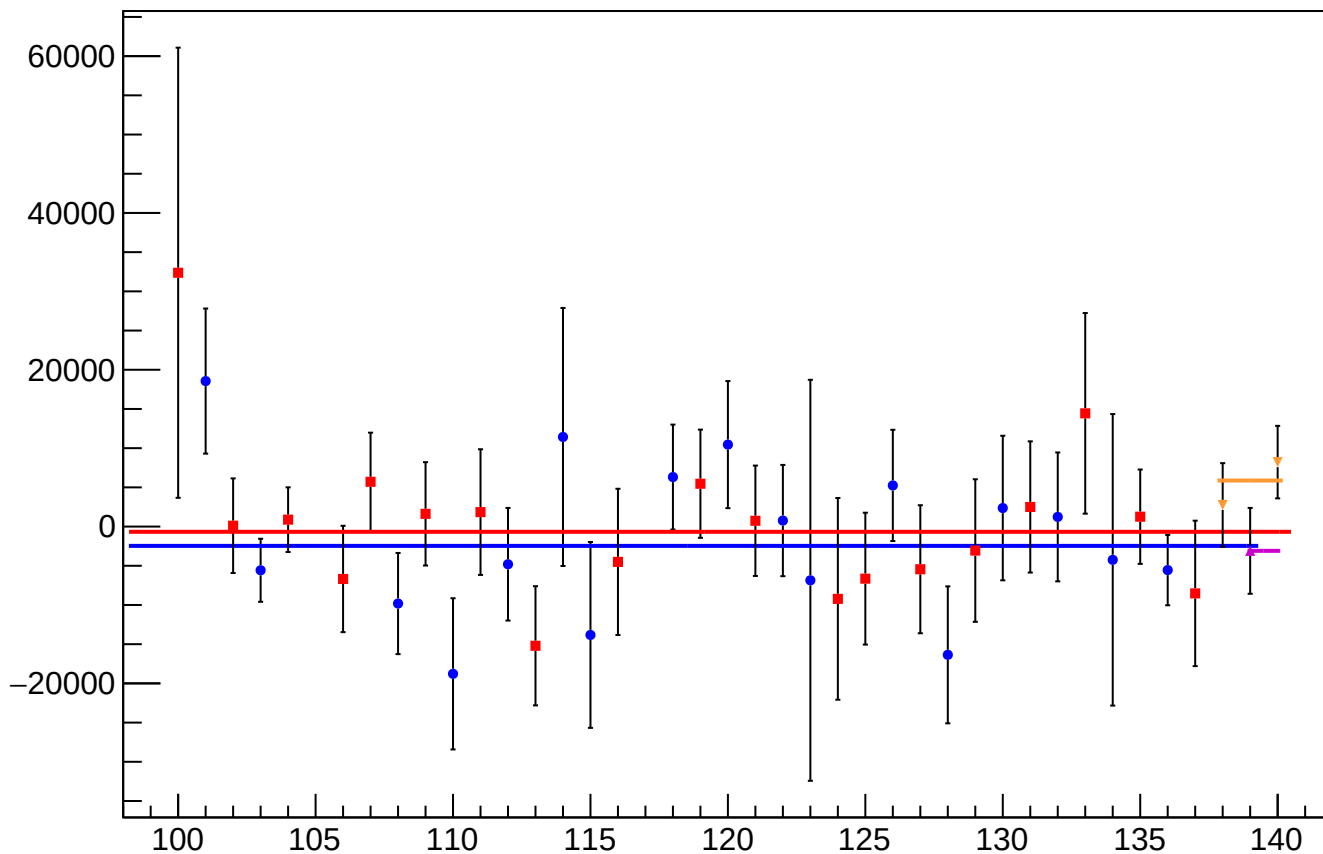
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3836.276+/-2.212 χ^2/NDF :7916.3/1

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

Left In: 4540.509+/-3.600 χ^2/NDF :0.0/0

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 5876.482 ± 3492.323 χ^2/NDF : 0.6/1

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

Left In: -3096.298 ± 5476.739 χ^2/NDF : 0.0/0

Left: 3282.685 ± 2944.602 χ^2/NDF : 2.5/2

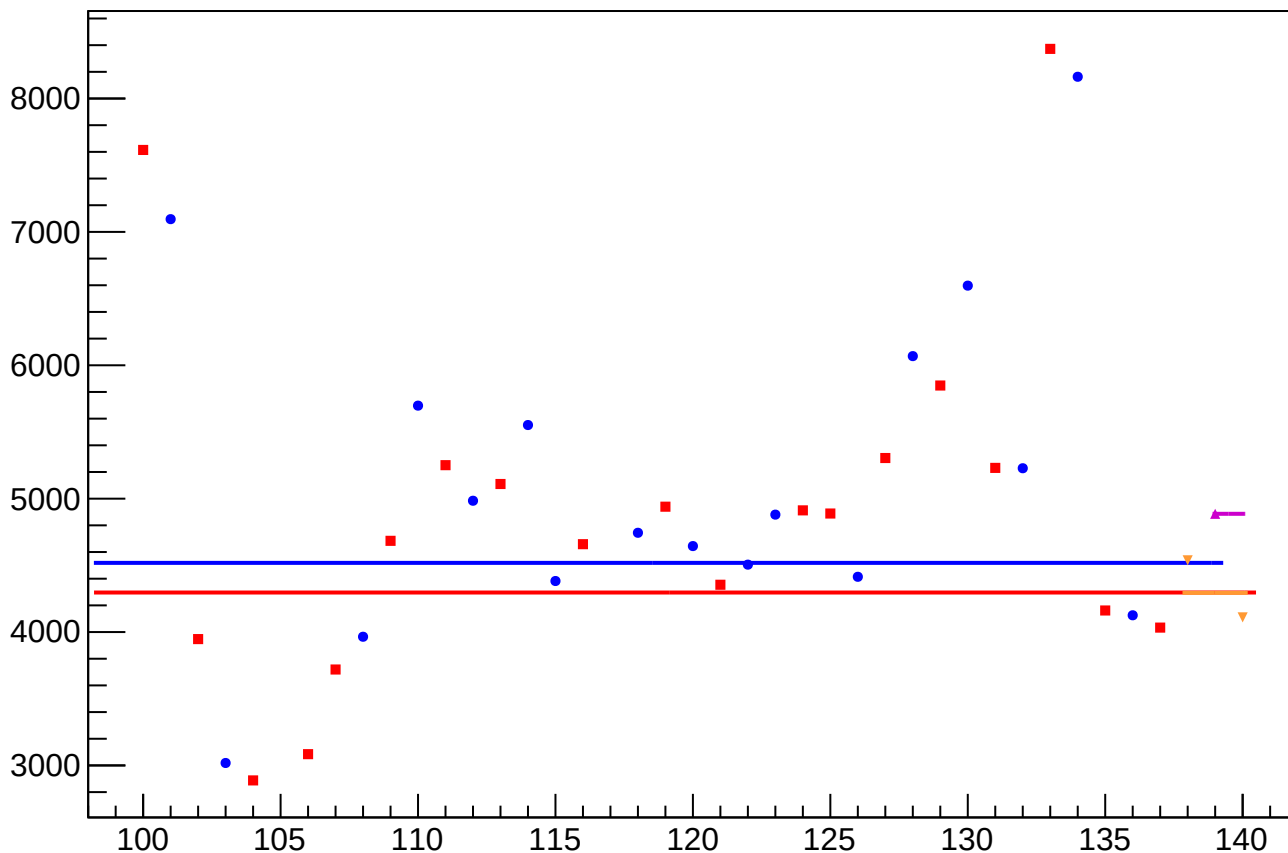
Right: -1508.905 ± 1231.122 χ^2/NDF : 33.3/35

In: -2523.898 ± 1707.689 χ^2/NDF : 20.8/17

Out: 575.032 ± 1521.103 χ^2/NDF : 15.3/20

All: -795.948 ± 1135.843 χ^2/NDF : 38.0/38

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4293.734+/-2.469 χ^2/NDF : 7350.1/1

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

Left In: 4886.483+/-3.873 χ^2/NDF : 0.0/0

Left: 4465.083+/-2.082 χ^2/NDF : 24005.4/2

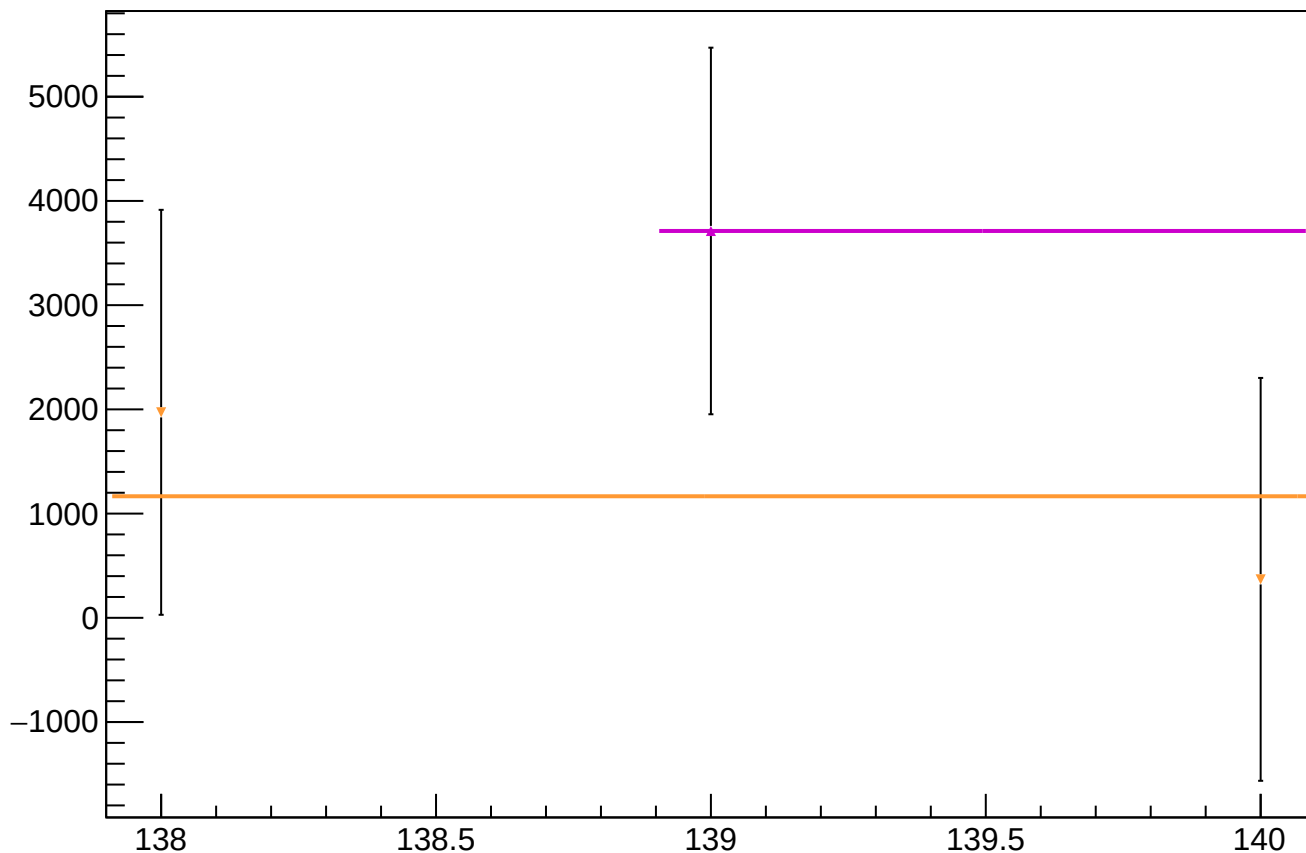
Right: 4400.071+/-0.868 χ^2/NDF : 1558255.2/35

In: 4554.443+/-1.208 χ^2/NDF : 778370.0/17

Out: 4295.882+/-1.071 χ^2/NDF : 779053.5/20

All: 4409.695+/-0.801 χ^2/NDF : 1583091.2/38

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: 1166.238 +/- 1370.203 χ^2/NDF : 0.3/1

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

Left In: 3711.803 +/- 1758.725 χ^2/NDF : 0.0/0

Left: 2127.735 +/- 1080.886 χ^2/NDF : 1.6/2

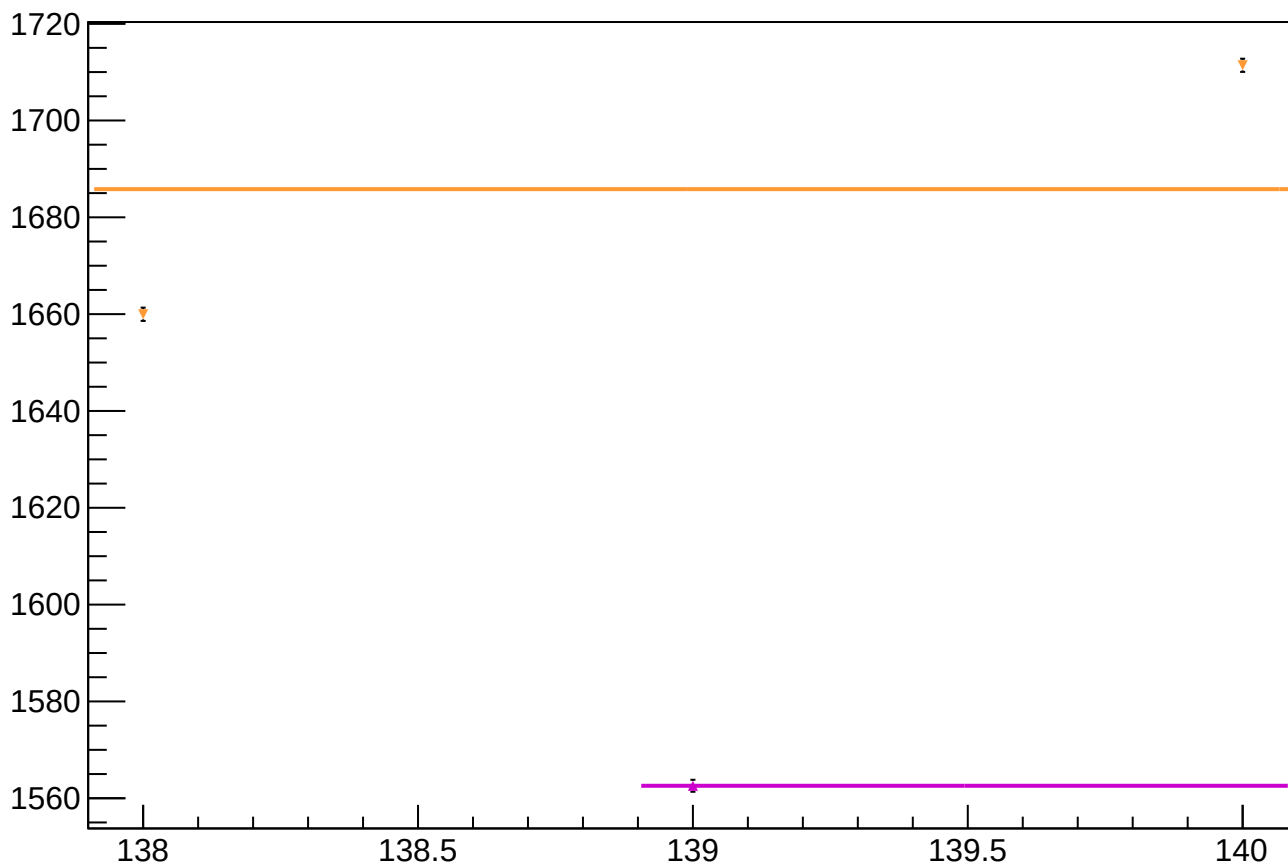
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 3711.803 +/- 1758.725 χ^2/NDF : 0.0/0

Out: 1166.238 +/- 1370.203 χ^2/NDF : 0.3/1

All: 2127.735 +/- 1080.886 χ^2/NDF : 1.6/2

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: 1685.819+/-0.969 χ^2/NDF : 704.4/1

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

Left In: 1562.577+/-1.244 χ^2/NDF : 0.0/0

Left: 1639.269+/-0.764 χ^2/NDF : 6815.8/2

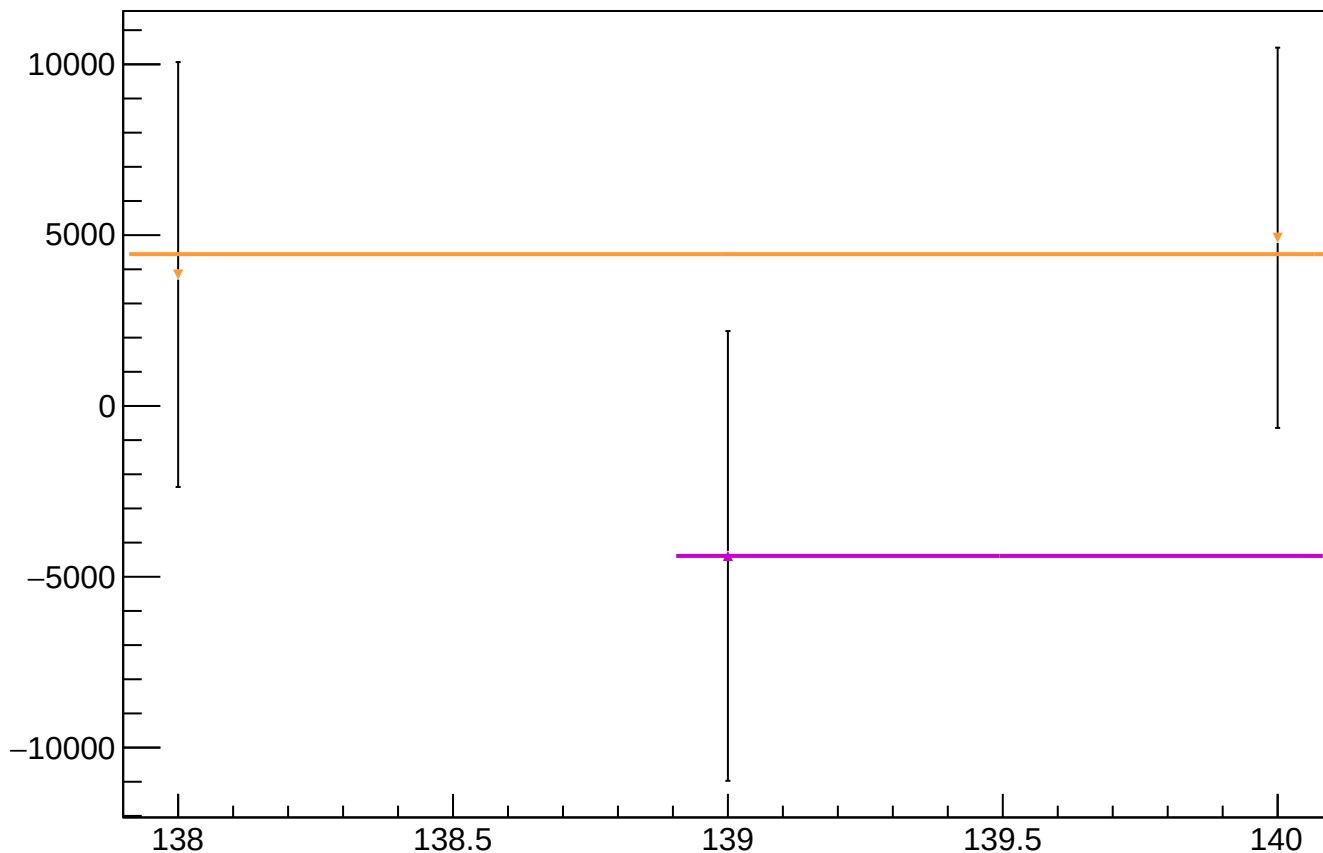
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1562.577+/-1.244 χ^2/NDF : 0.0/0

Out: 1685.819+/-0.969 χ^2/NDF : 704.4/1

All: 1639.269+/-0.764 χ^2/NDF : 6815.8/2

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: 4444.322+/-4147.068 χ^2/NDF : 0.0/1

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

Left In: -4389.735+/-6582.288 χ^2/NDF : 0.0/0

Left: 1934.112+/-3508.745 χ^2/NDF : 1.3/2

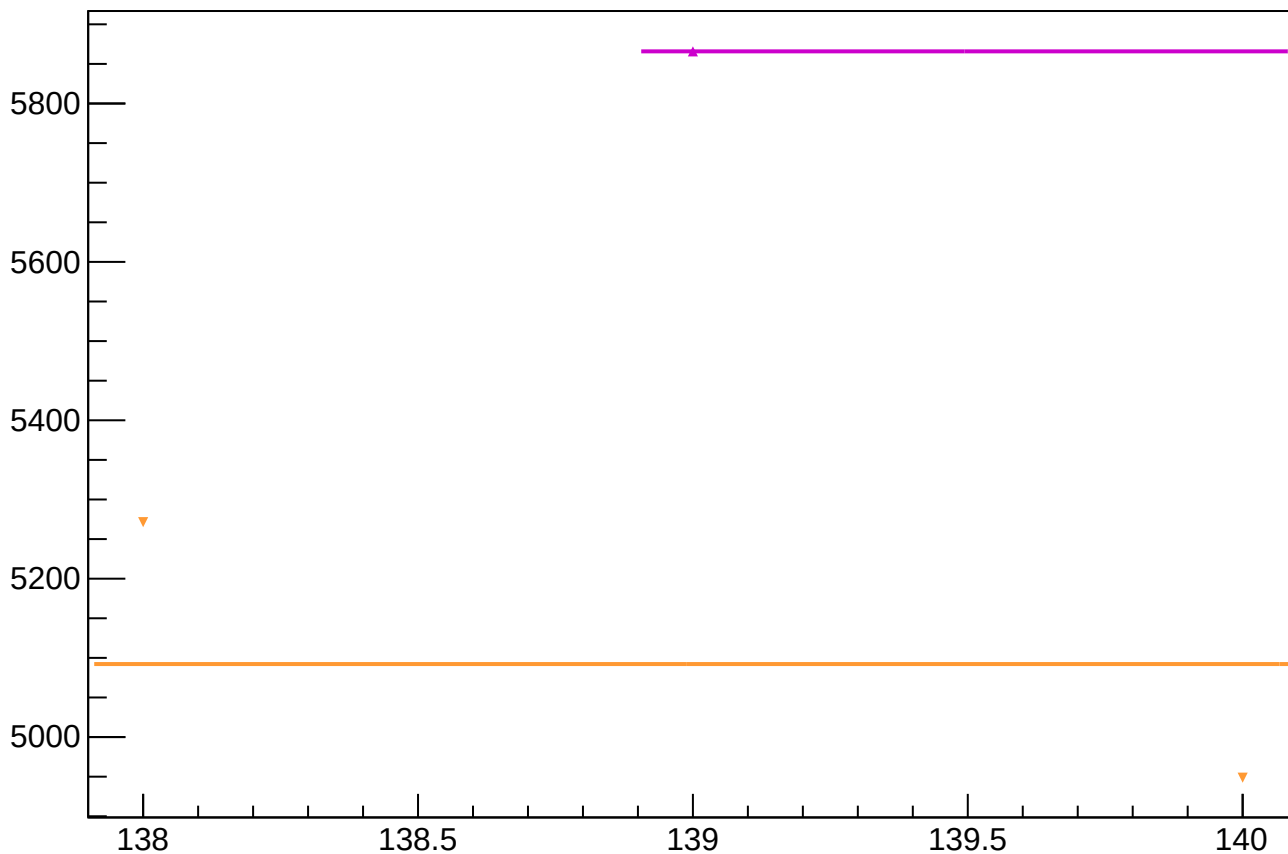
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4389.735+/-6582.288 χ^2/NDF : 0.0/0

Out: 4444.322+/-4147.068 χ^2/NDF : 0.0/1

All: 1934.112+/-3508.745 χ^2/NDF : 1.3/2

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: 5092.204+/-2.932 χ^2/NDF :2989.4/1

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

Left In: 5865.852+/-4.654 χ^2/NDF :0.0/0

Left: 5312.037+/-2.481 χ^2/NDF : 22767.5/2

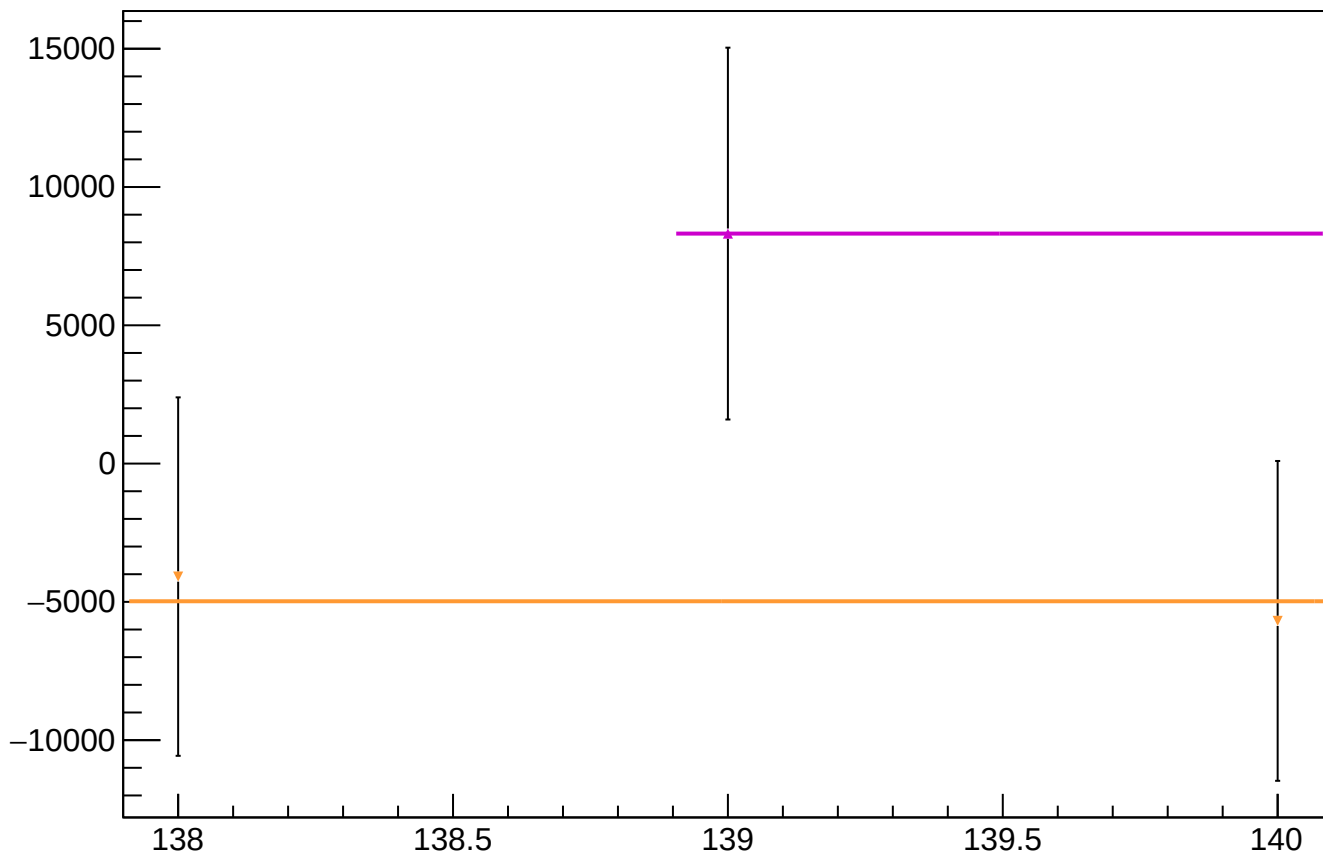
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5865.852+/-4.654 χ^2/NDF :0.0/0

Out: 5092.204+/-2.932 χ^2/NDF :2989.4/1

All: 5312.037+/-2.481 χ^2/NDF : 22767.5/2

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: -4977.977+/-4314.367 χ^2/NDF : 0.0/1

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

Left In: 8315.996+/-6722.512 χ^2/NDF : 0.0/0

Left: -1099.798+/-3630.932 χ^2/NDF : 2.8/2

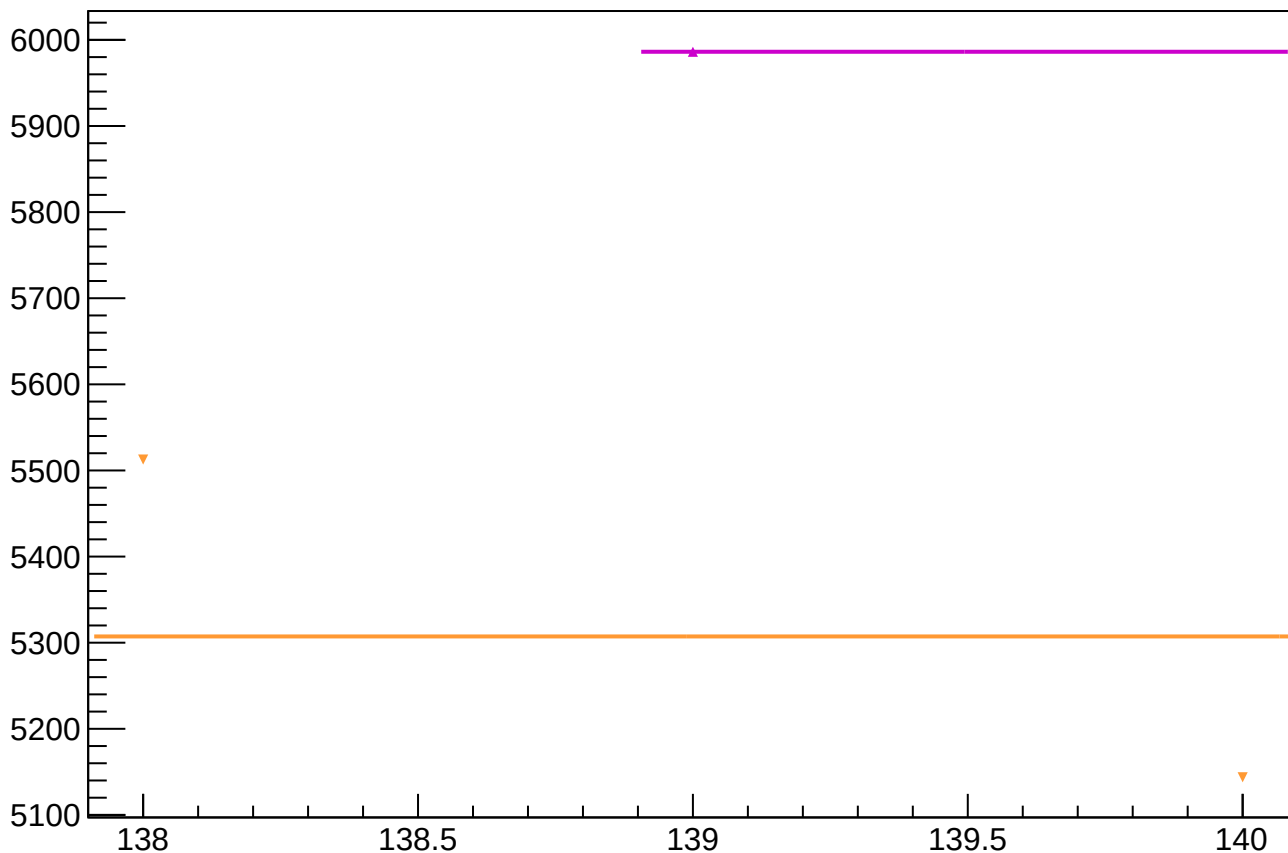
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8315.996+/-6722.512 χ^2/NDF : 0.0/0

Out: -4977.977+/-4314.367 χ^2/NDF : 0.0/1

All: -1099.798+/-3630.932 χ^2/NDF : 2.8/2

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: 5307.252+/-3.051 χ^2/NDF :3609.6/1

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

Left In: 5986.200+/-4.754 χ^2/NDF :0.0/0

Left: 5505.318+/-2.567 χ^2/NDF : 18058.7/2

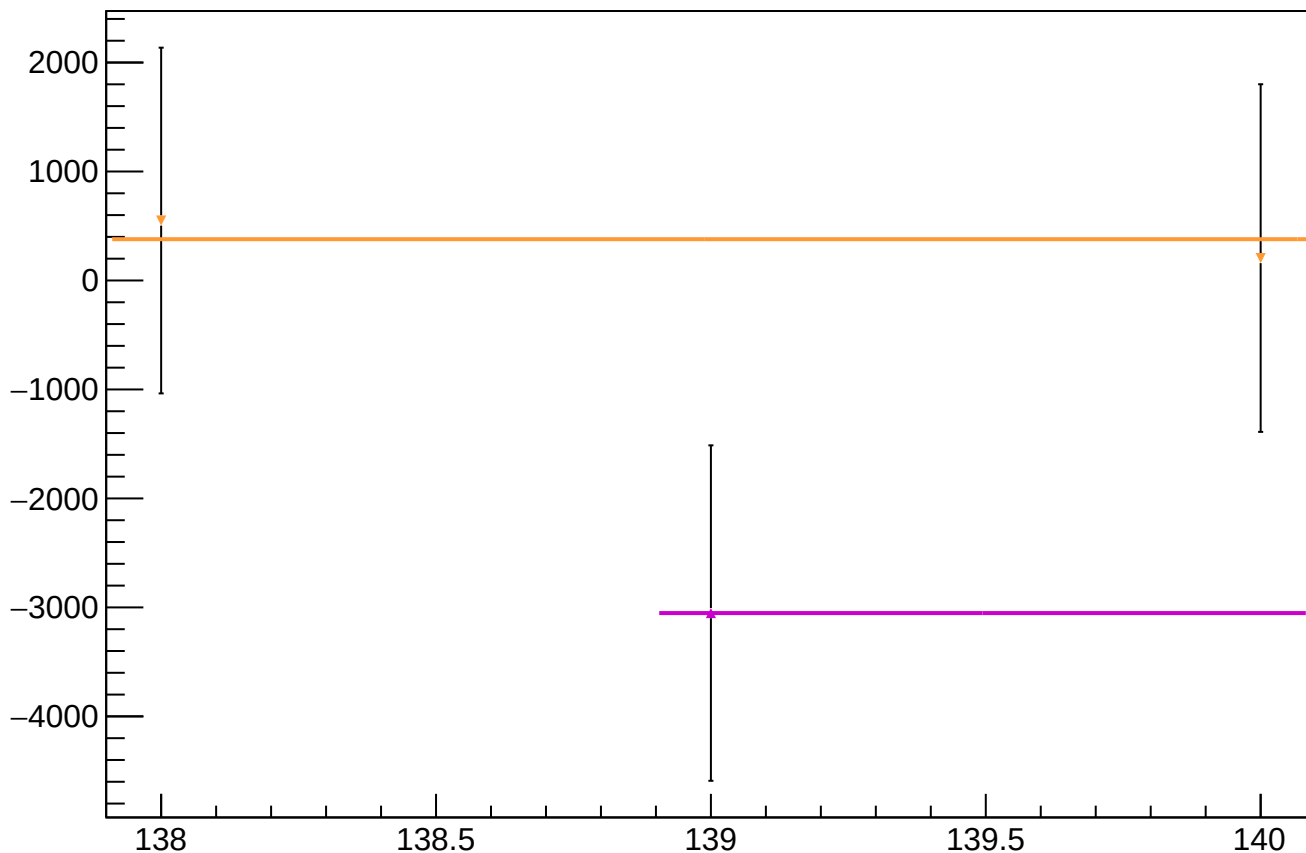
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5986.200+/-4.754 χ^2/NDF :0.0/0

Out: 5307.252+/-3.051 χ^2/NDF :3609.6/1

All: 5505.318+/-2.567 χ^2/NDF : 18058.7/2

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: 378.816+/-1124.711 χ^2/NDF : 0.0/1

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

Left In: -3051.974+/-1539.122 χ^2/NDF : 0.0/0

Left: -815.466+/-908.091 χ^2/NDF : 3.3/2

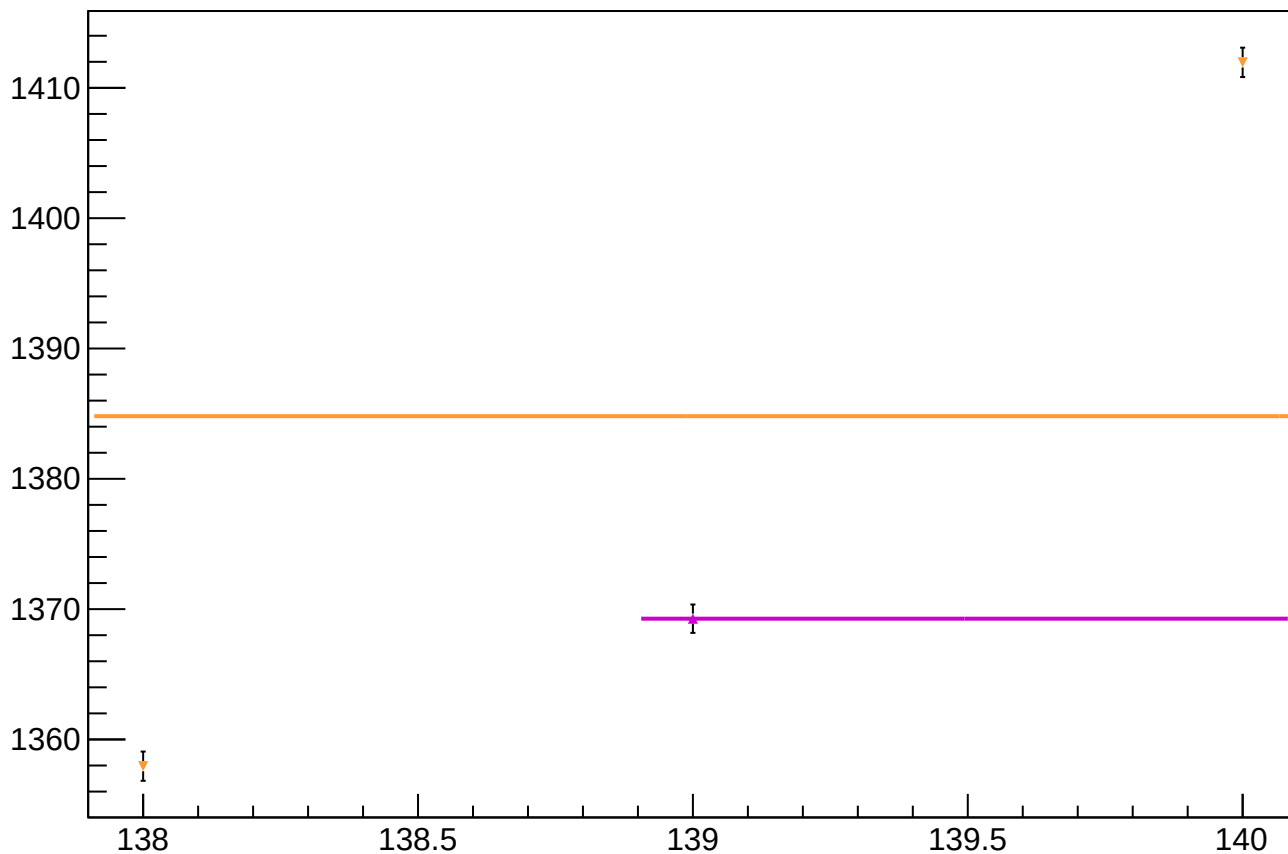
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3051.974+/-1539.122 χ^2/NDF : 0.0/0

Out: 378.816+/-1124.711 χ^2/NDF : 0.0/1

All: -815.466+/-908.091 χ^2/NDF : 3.3/2

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: 1384.805+/-0.795 χ^2/NDF :1152.9/1

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

Left In: 1369.267+/-1.088 χ^2/NDF :0.0/0

Left: 1379.396+/-0.642 χ^2/NDF : 1285.8/2

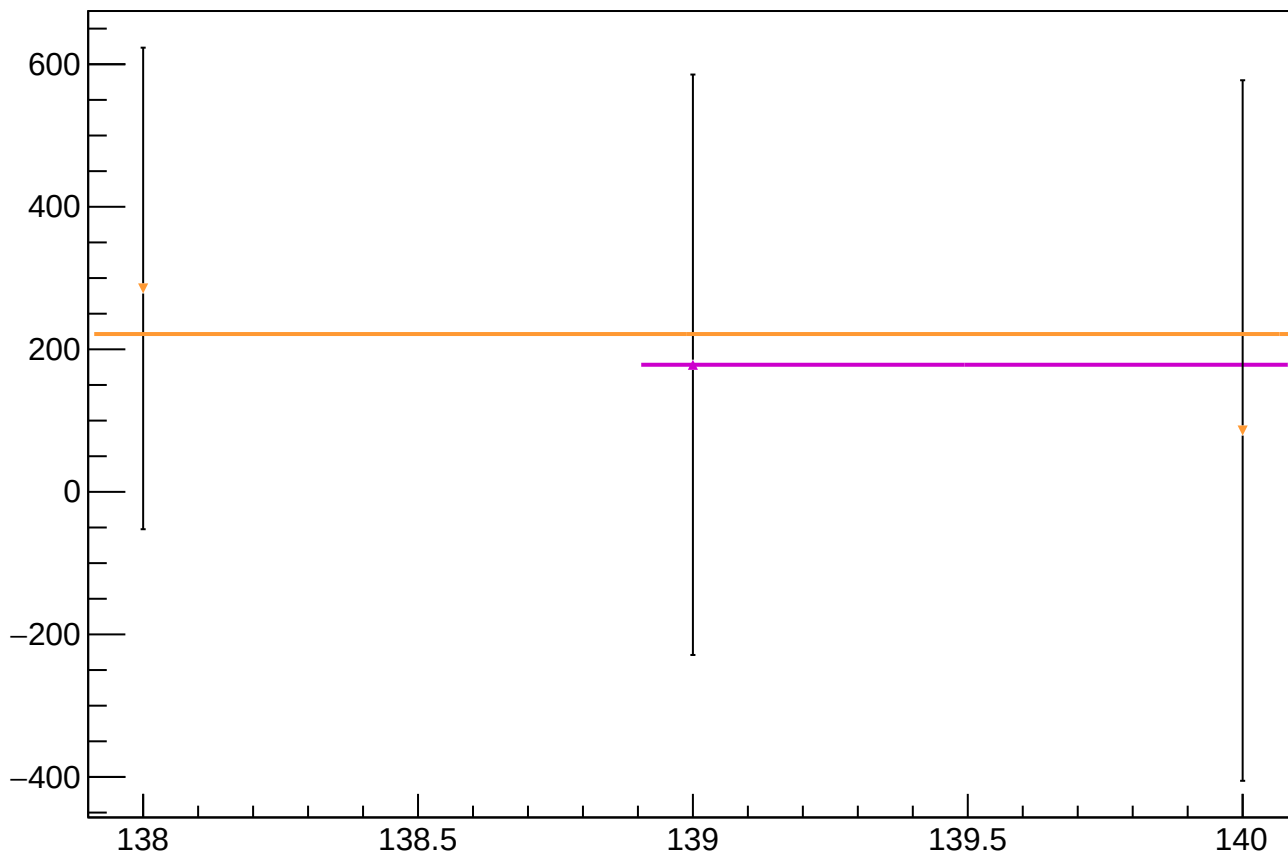
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1369.267+/-1.088 χ^2/NDF :0.0/0

Out: 1384.805+/-0.795 χ^2/NDF :1152.9/1

All: 1379.396+/-0.642 χ^2/NDF : 1285.8/2

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: 221.455+/-278.407 χ^2/NDF : 0.1/1

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

Left In: 178.349+/-407.209 χ^2/NDF : 0.0/0

Left: 207.724+/-229.826 χ^2/NDF : 0.1/2

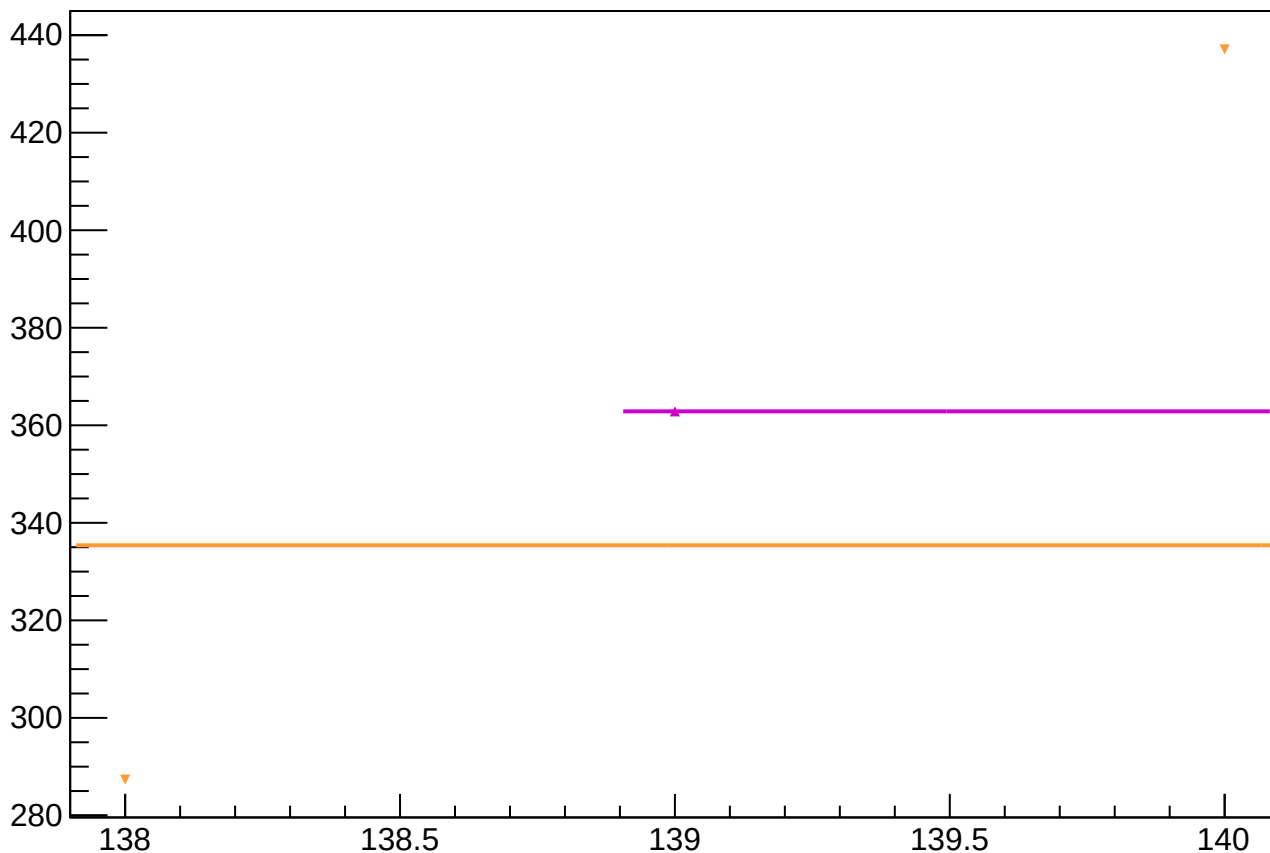
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 178.349+/-407.209 χ^2/NDF : 0.0/0

Out: 221.455+/-278.407 χ^2/NDF : 0.1/1

All: 207.724+/-229.826 χ^2/NDF : 0.1/2

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: 335.391+/-0.197 χ^2/NDF :126093.2/1

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

Left In: 362.857+/-0.288 χ^2/NDF :0.0/0

Left: 344.140+/-0.163 χ^2/NDF : 132293.3/2

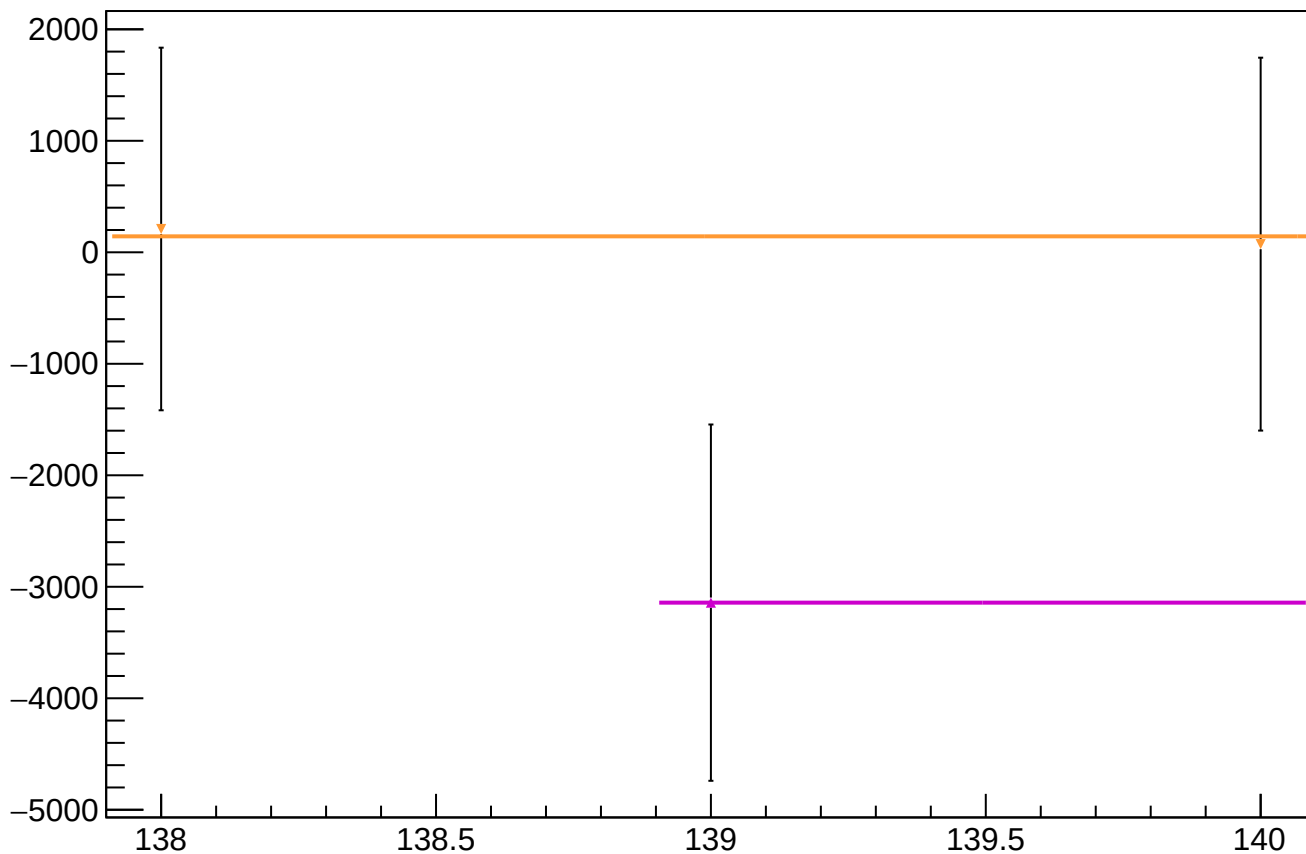
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.857+/-0.288 χ^2/NDF :0.0/0

Out: 335.391+/-0.197 χ^2/NDF :126093.2/1

All: 344.140+/-0.163 χ^2/NDF : 132293.3/2

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: 143.054+/-1165.837 χ^2/NDF : 0.0/1

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

Left In: -3142.332+/-1597.844 χ^2/NDF : 0.0/0

Left: -998.330+/-941.797 χ^2/NDF : 2.8/2

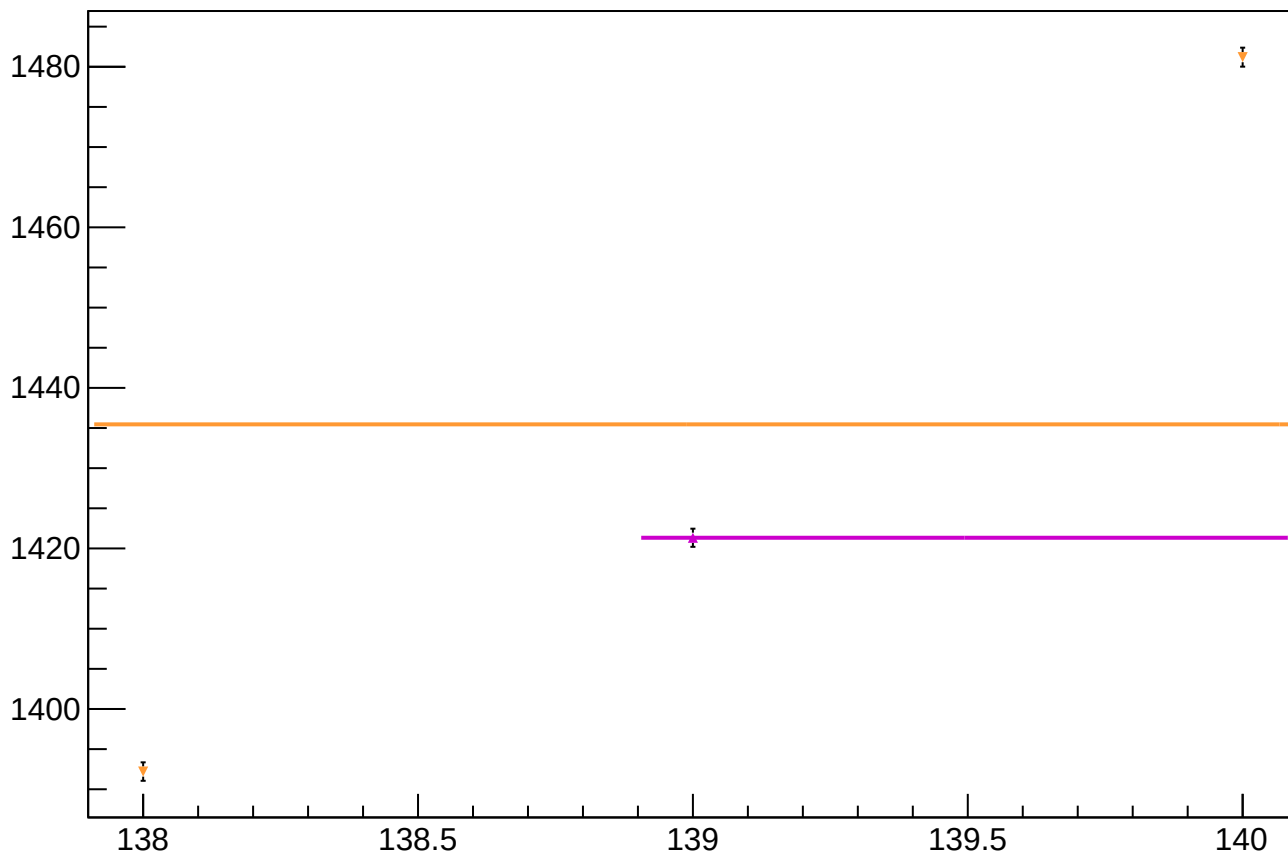
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3142.332+/-1597.844 χ^2/NDF : 0.0/0

Out: 143.054+/-1165.837 χ^2/NDF : 0.0/1

All: -998.330+/-941.797 χ^2/NDF : 2.8/2

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: 1435.457+/-0.824 χ^2/NDF :2911.2/1

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

Left In: 1421.330+/-1.130 χ^2/NDF :0.0/0

Left: 1430.549+/-0.666 χ^2/NDF : 3013.2/2

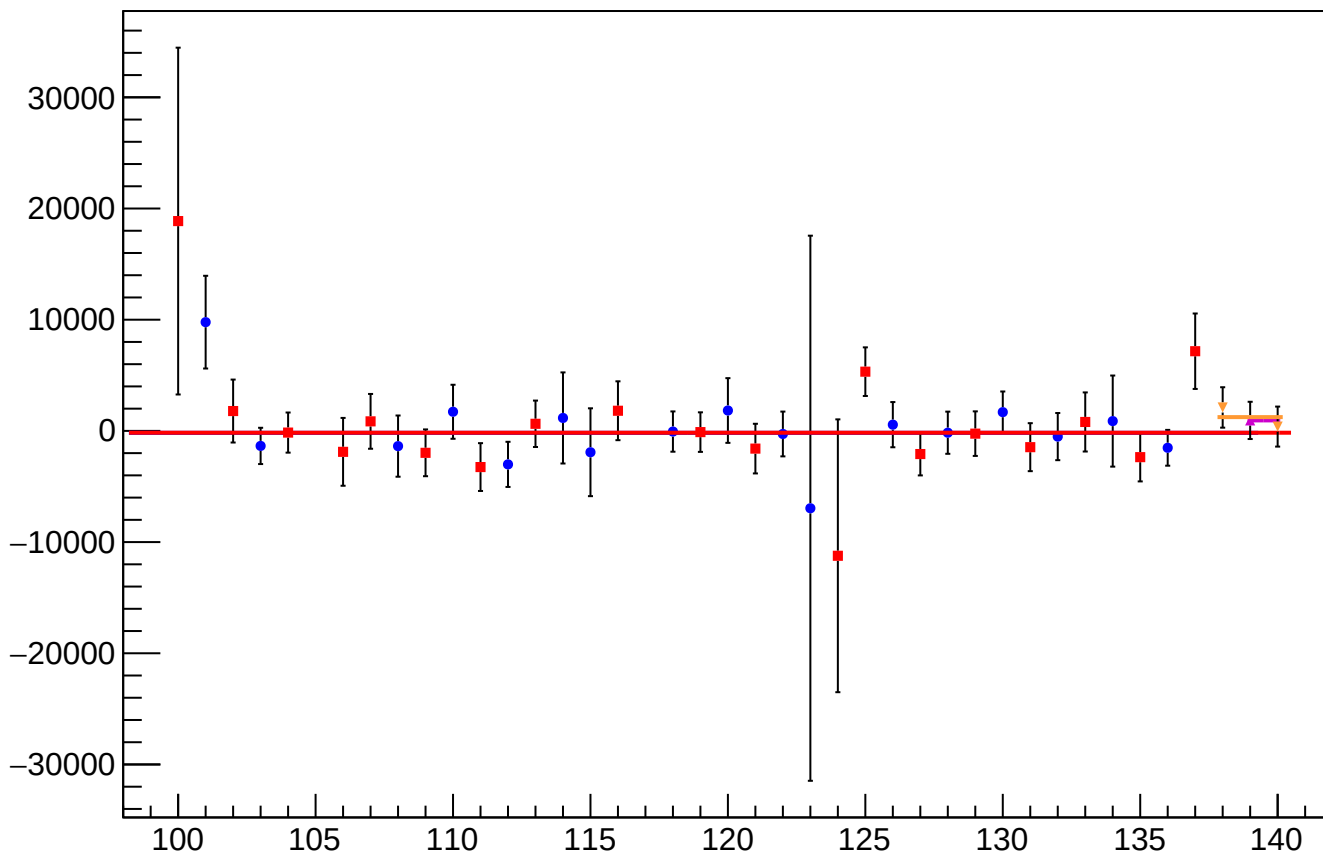
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1421.330+/-1.130 χ^2/NDF :0.0/0

Out: 1435.457+/-0.824 χ^2/NDF :2911.2/1

All: 1430.549+/-0.666 χ^2/NDF : 3013.2/2

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: 1238.593 ± 1278.887 χ^2/NDF : 0.5/1

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

Left In: 943.340 ± 1674.599 χ^2/NDF : 0.0/0

Left: 1129.827 ± 1016.389 χ^2/NDF : 0.5/2

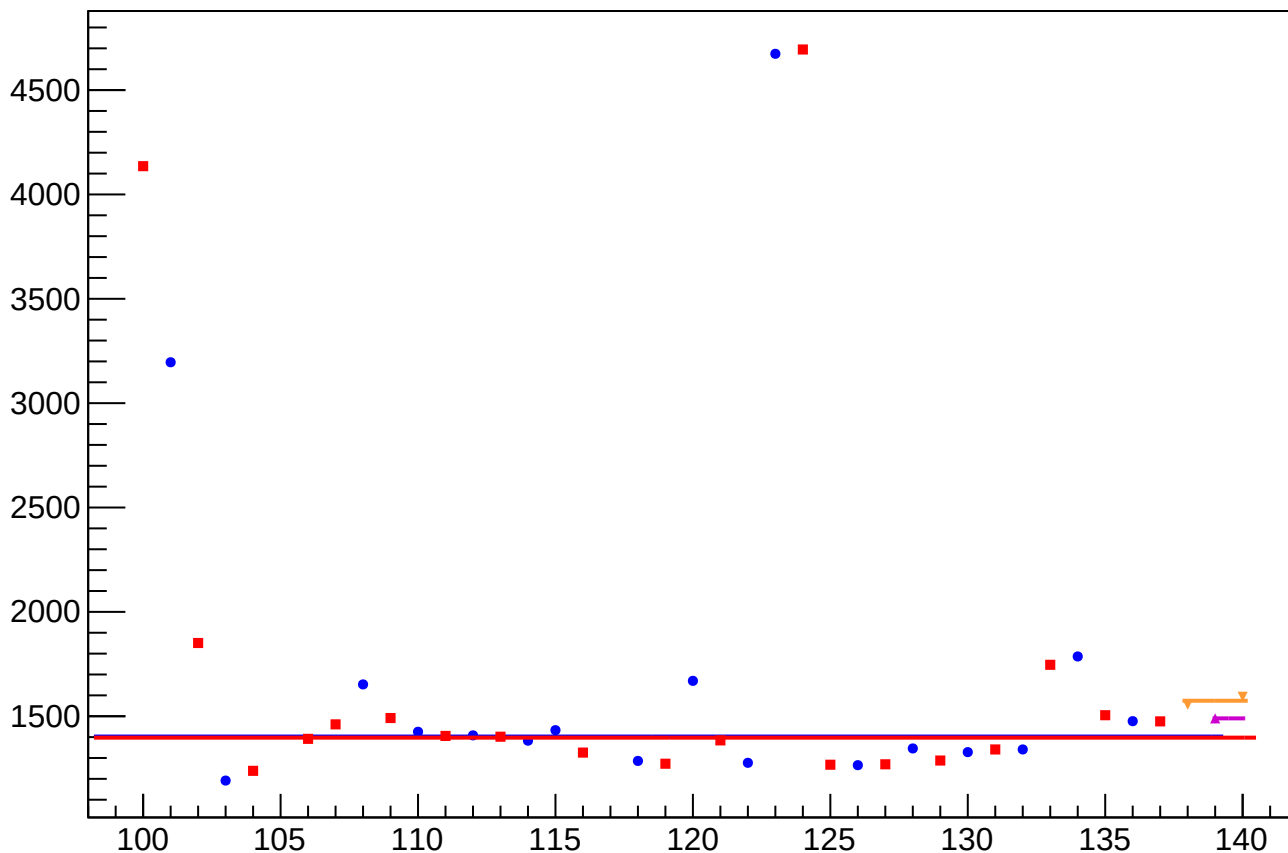
Right: -169.758 ± 386.953 χ^2/NDF : 32.4/35

In: -64.298 ± 526.528 χ^2/NDF : 12.2/17

Out: 47.500 ± 497.550 χ^2/NDF : 22.1/20

All: -5.238 ± 361.632 χ^2/NDF : 34.3/38

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: 1574.234+/-0.904 χ^2/NDF : 453.8/1

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

Left In: 1489.747+/-1.184 χ^2/NDF : 0.0/0

Left: 1543.111+/-0.719 χ^2/NDF : 3669.2/2

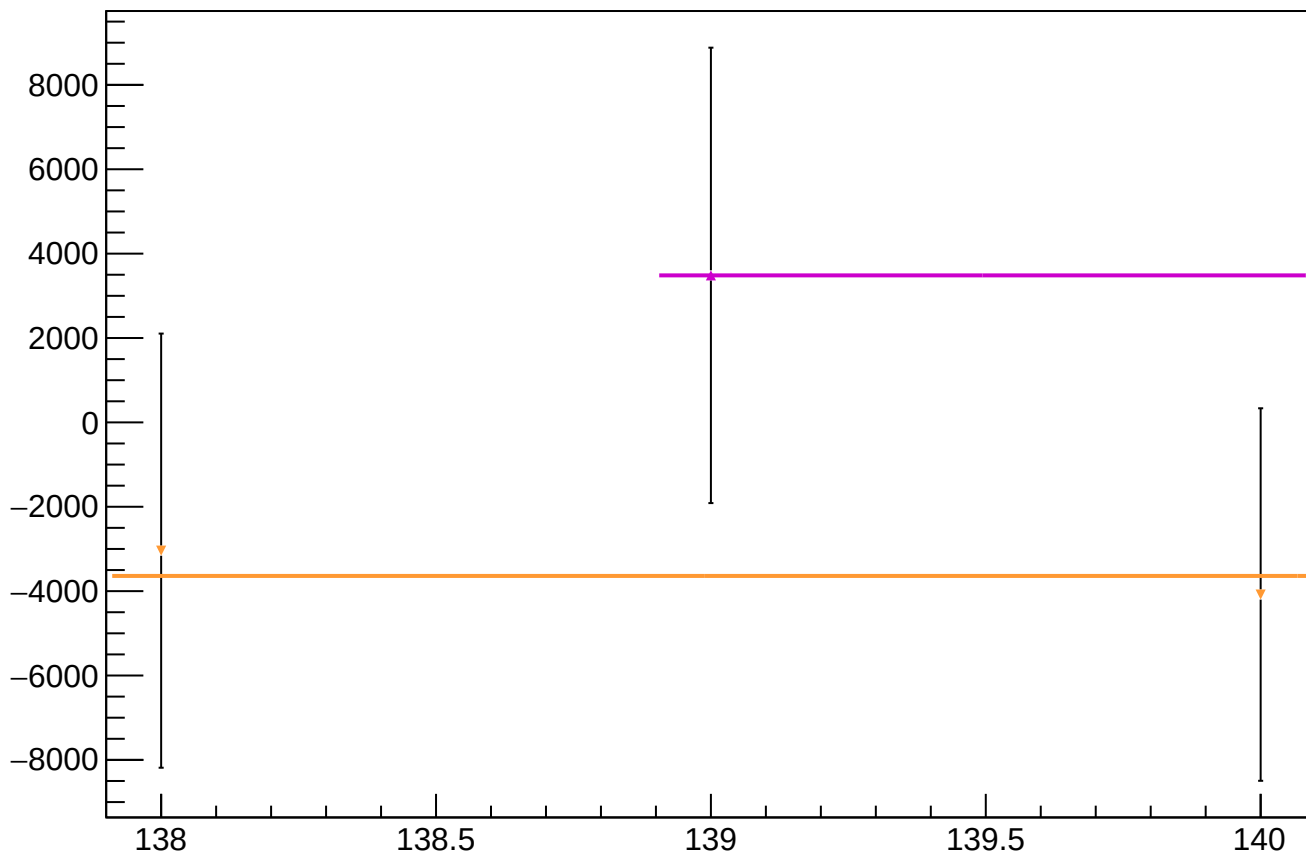
Right: 1400.004+/-0.274 χ^2/NDF : 879784.5/35

In: 1411.313+/-0.372 χ^2/NDF : 531195.2/17

Out: 1424.175+/-0.352 χ^2/NDF : 386259.9/20

All: 1418.111+/-0.256 χ^2/NDF : 918085.9/38

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: -3639.546+/-3350.601 χ^2/NDF : 0.0/1

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

Left In: 3484.590+/-5397.488 χ^2/NDF : 0.0/0

Left: -1657.869+/-2846.702 χ^2/NDF : 1.3/2

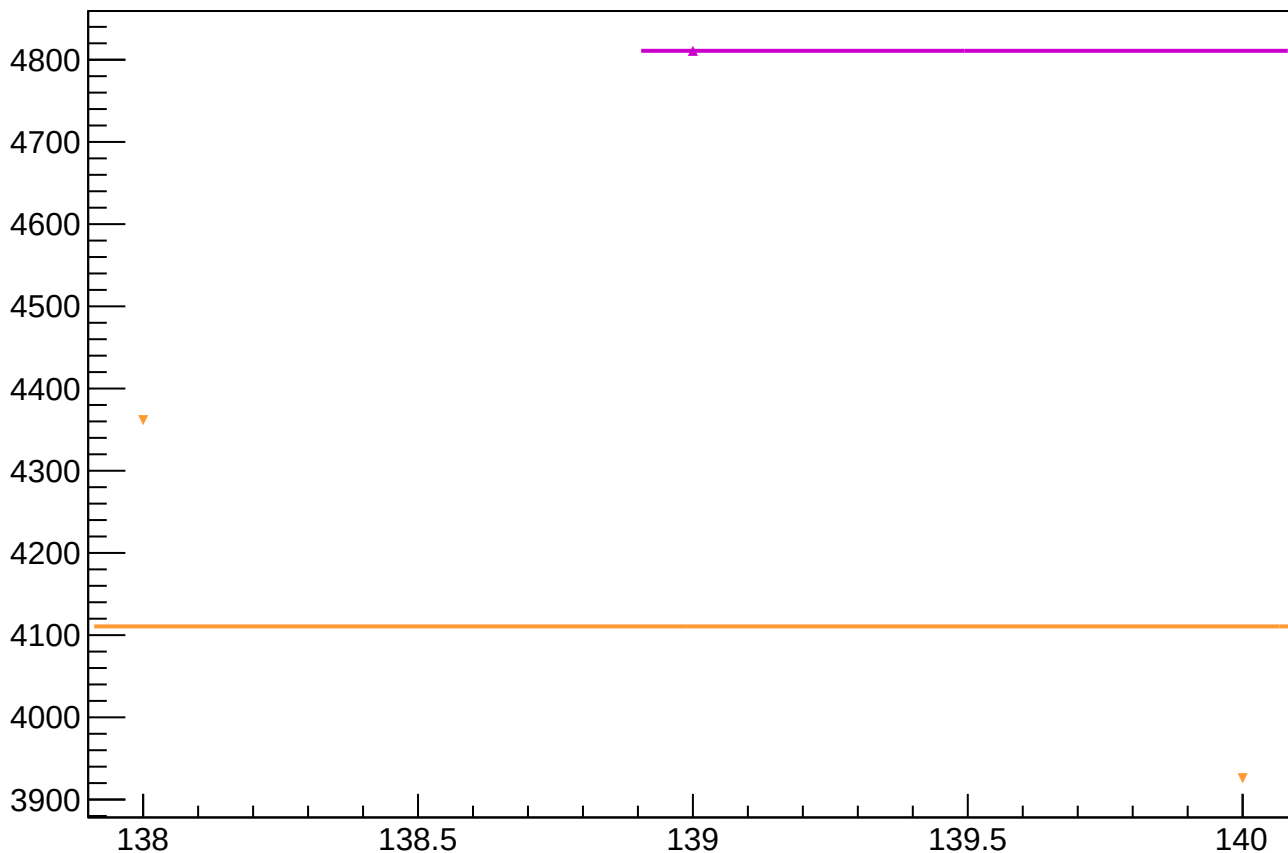
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3484.590+/-5397.488 χ^2/NDF : 0.0/0

Out: -3639.546+/-3350.601 χ^2/NDF : 0.0/1

All: -1657.869+/-2846.702 χ^2/NDF : 1.3/2

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: 4110.632+/-2.369 χ^2 /NDF:8255.5/1

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

Left In: 4810.867+/-3.817 χ^2 /NDF:0.0/0

Left: 4305.412+/-2.013 χ^2 /NDF: 32553.7/2

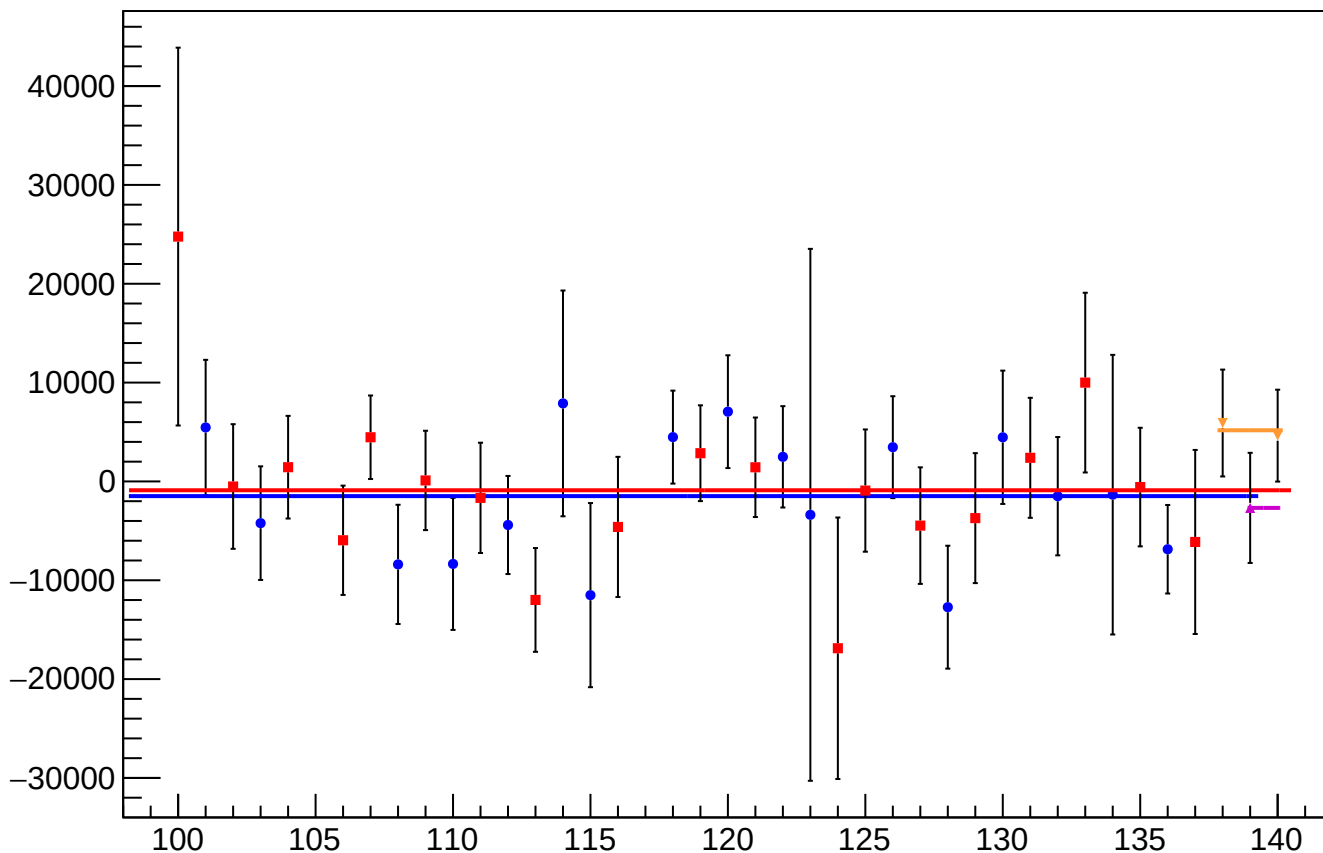
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 4810.867+/-3.817 χ^2 /NDF:0.0/0

Out: 4110.632+/-2.369 χ^2 /NDF:8255.5/1

All: 4305.412+/-2.013 χ^2 /NDF: 32553.7/2

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: 5175.069 ± 3524.577 χ^2/NDF : 0.0/1

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

Left In: -2677.652 ± 5571.653 χ^2/NDF : 0.0/0

Left: 2930.748 ± 2978.629 χ^2/NDF : 1.5/2

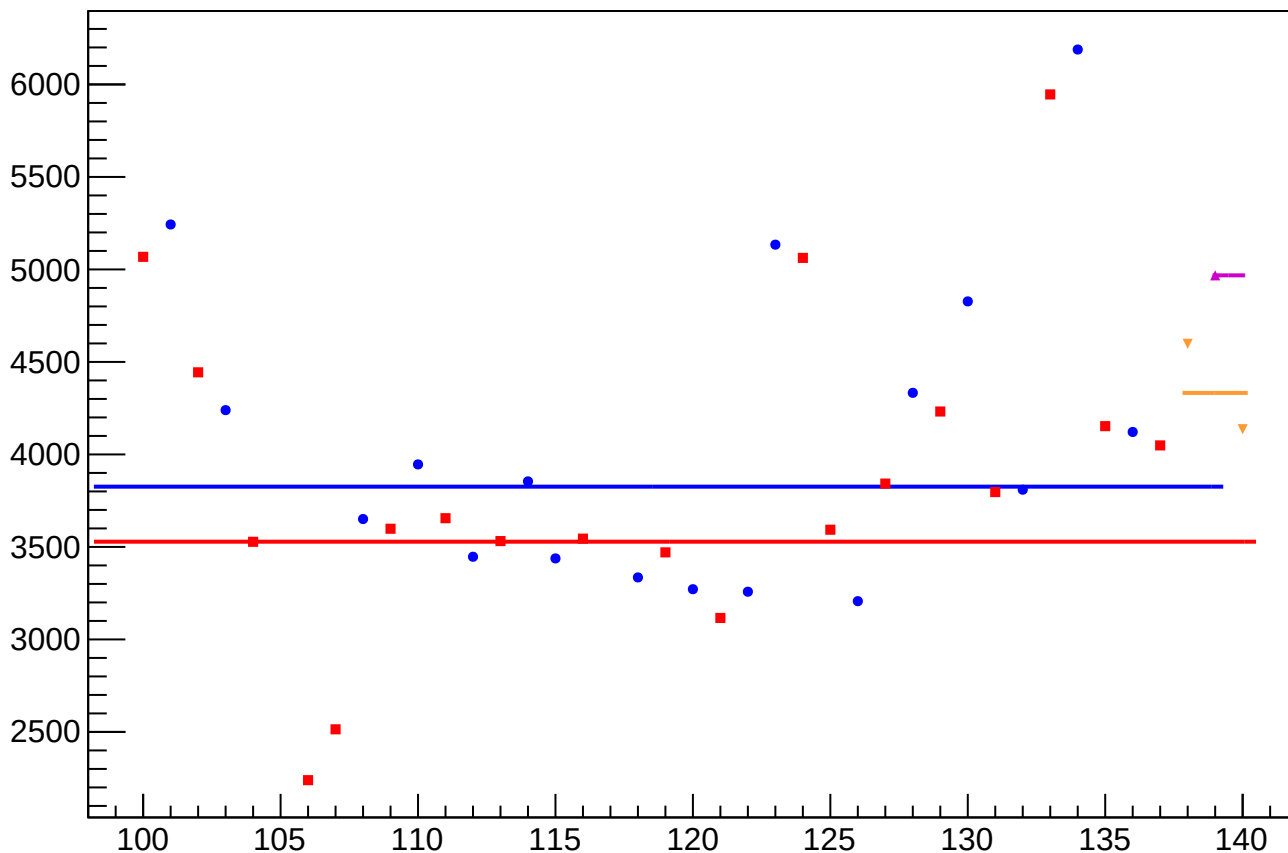
Right: -1165.879 ± 1014.876 χ^2/NDF : 30.9/35

In: -1567.412 ± 1447.632 χ^2/NDF : 16.7/17

Out: -88.522 ± 1284.133 χ^2/NDF : 16.7/20

All: -739.770 ± 960.646 χ^2/NDF : 34.0/38

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: 4332.586+/-2.492 χ^2/NDF : 8385.1/1

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

Left In: 4968.039+/-3.940 χ^2/NDF : 0.0/0

Left: 4514.200+/-2.106 χ^2/NDF : 26965.2/2

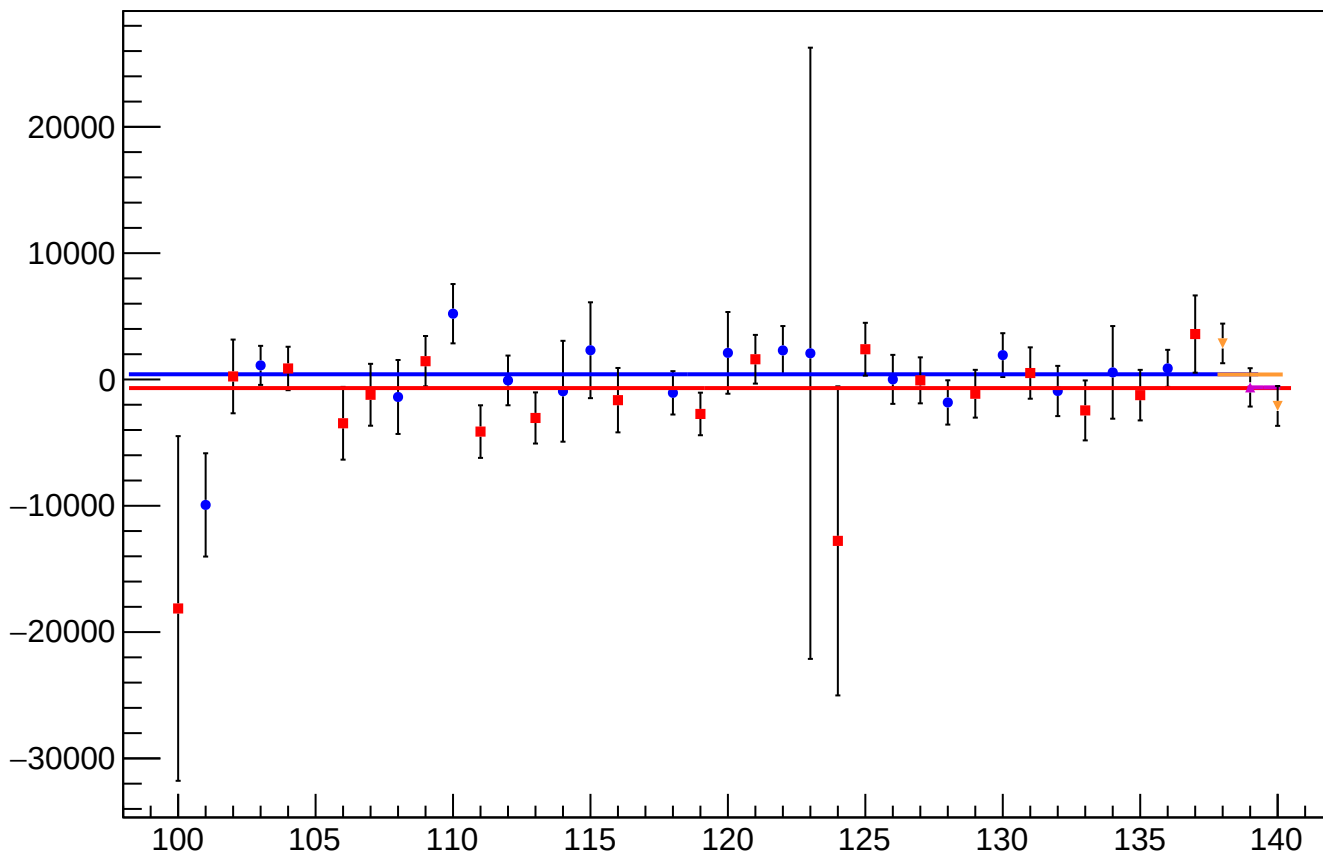
Right: 3663.316+/-0.714 χ^2/NDF : 932858.8/35

In: 3902.946+/-1.024 χ^2/NDF : 412781.5/17

Out: 3633.373+/-0.901 χ^2/NDF : 654339.6/20

All: 3751.034+/-0.676 χ^2/NDF : 1106205.6/38

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: 394.546+/-1112.127 χ^2/NDF : 5.0/1

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

Left In: -625.757+/-1517.901 χ^2/NDF : 0.0/0

Left: 38.152+/-897.107 χ^2/NDF : 5.2/2

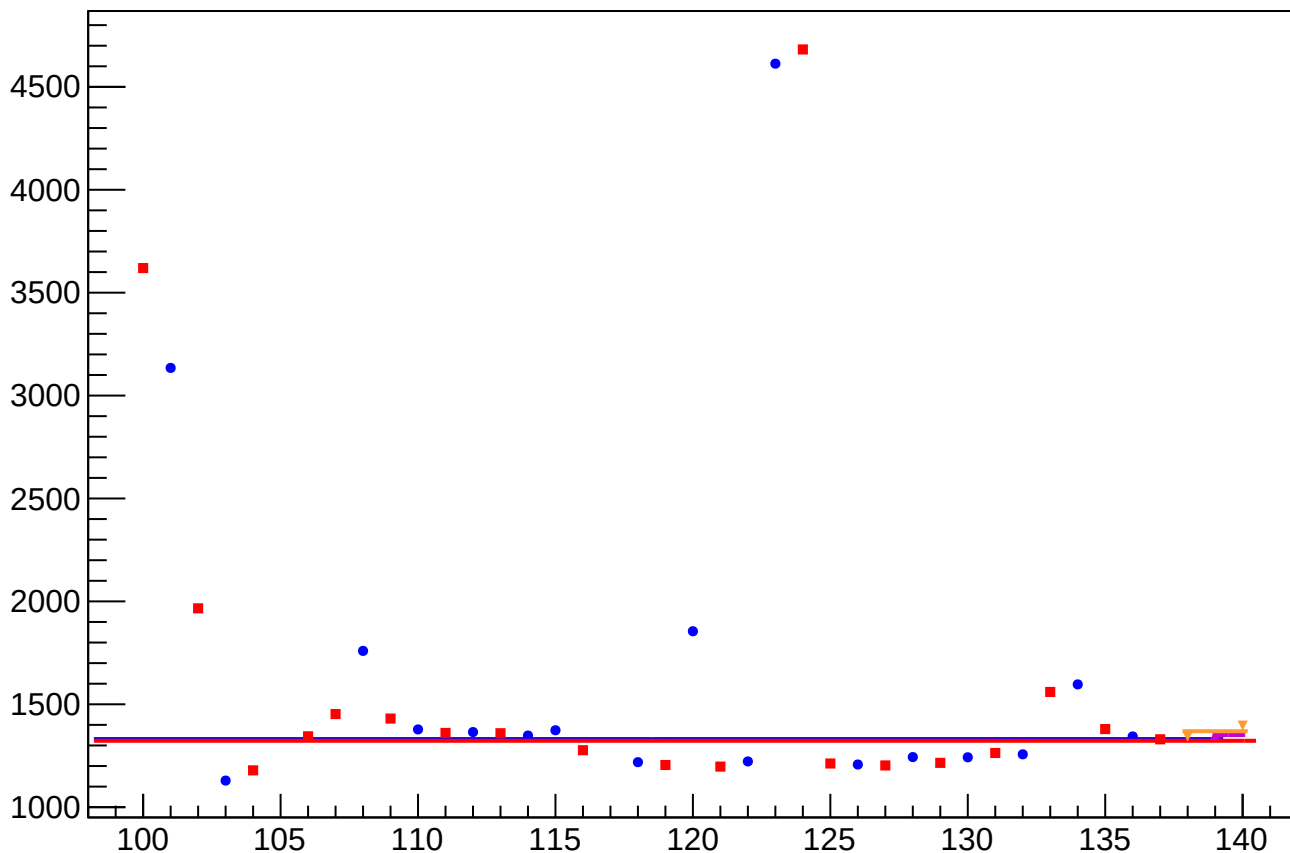
Right: -154.107+/-366.889 χ^2/NDF : 36.8/35

In: 299.476+/-498.674 χ^2/NDF : 16.9/17

Out: -494.970+/-463.727 χ^2/NDF : 23.8/20

All: -126.558+/-339.588 χ^2/NDF : 42.1/38

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: 1369.183+/-0.786 χ^2/NDF : 1177.5/1

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

Left In: 1350.581+/-1.073 χ^2/NDF : 0.0/0

Left: 1362.685+/-0.634 χ^2/NDF : 1372.9/2

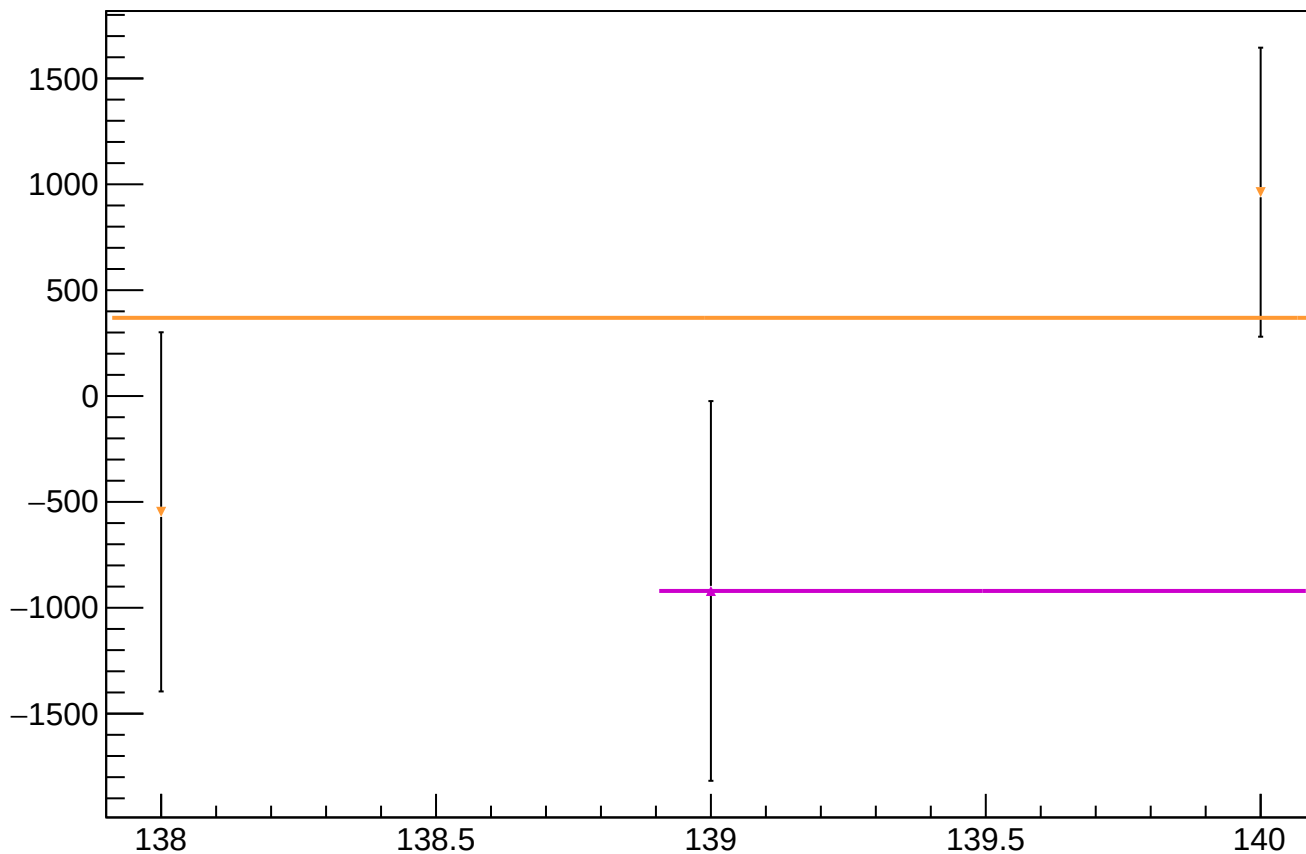
Right: 1326.657+/-0.259 χ^2/NDF : 998136.6/35

In: 1333.015+/-0.353 χ^2/NDF : 603774.7/17

Out: 1330.786+/-0.328 χ^2/NDF : 398476.8/20

All: 1331.820+/-0.240 χ^2/NDF : 1002272.9/38

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: 369.377+/-531.738 χ^2/NDF : 1.9/1

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

Left In: -920.530+/-896.642 χ^2/NDF : 0.0/0

Left: 33.764+/-457.361 χ^2/NDF : 3.5/2

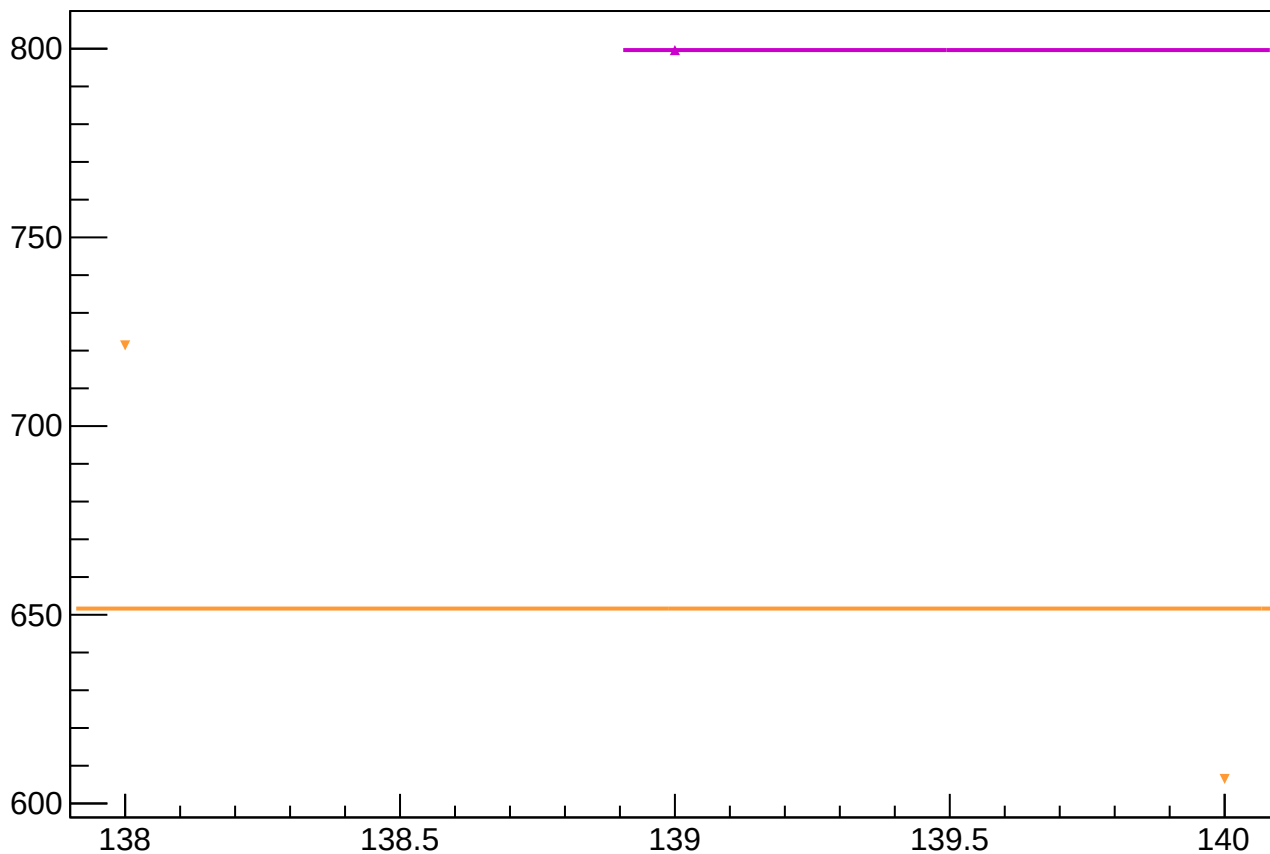
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -920.530+/-896.642 χ^2/NDF : 0.0/0

Out: 369.377+/-531.738 χ^2/NDF : 1.9/1

All: 33.764+/-457.361 χ^2/NDF : 3.5/2

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: 651.646+/-0.376 χ^2/NDF :22274.2/1

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

Left In: 799.640+/-0.634 χ^2/NDF :0.0/0

Left: 690.152+/-0.323 χ^2/NDF : 62583.5/2

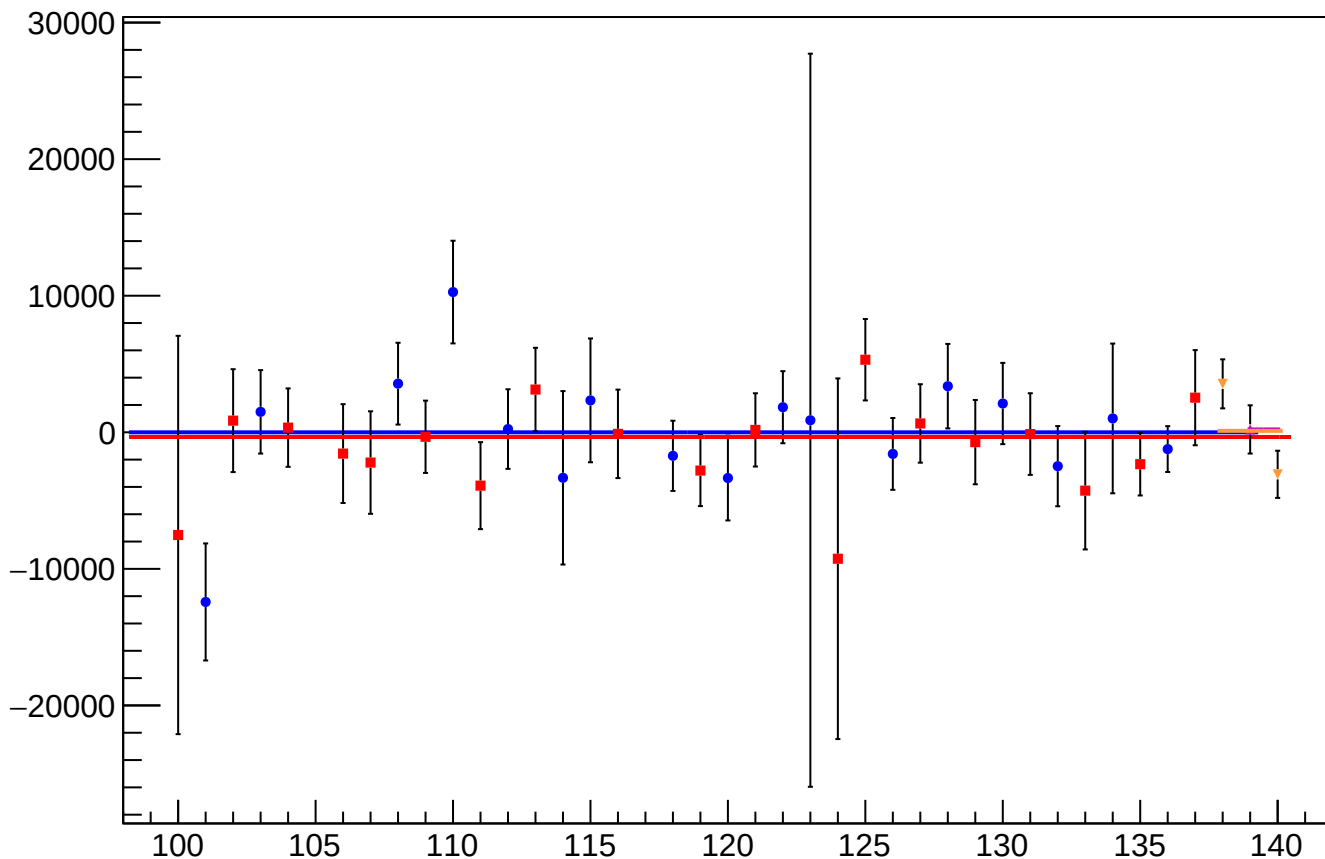
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 799.640+/-0.634 χ^2/NDF :0.0/0

Out: 651.646+/-0.376 χ^2/NDF :22274.2/1

All: 690.152+/-0.323 χ^2/NDF : 62583.5/2

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: 106.188 ± 1244.254 χ^2/NDF : 7.1/1

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

Left In: 210.402 ± 1766.425 χ^2/NDF : 0.0/0

Left: 140.748 ± 1017.229 χ^2/NDF : 7.1/2

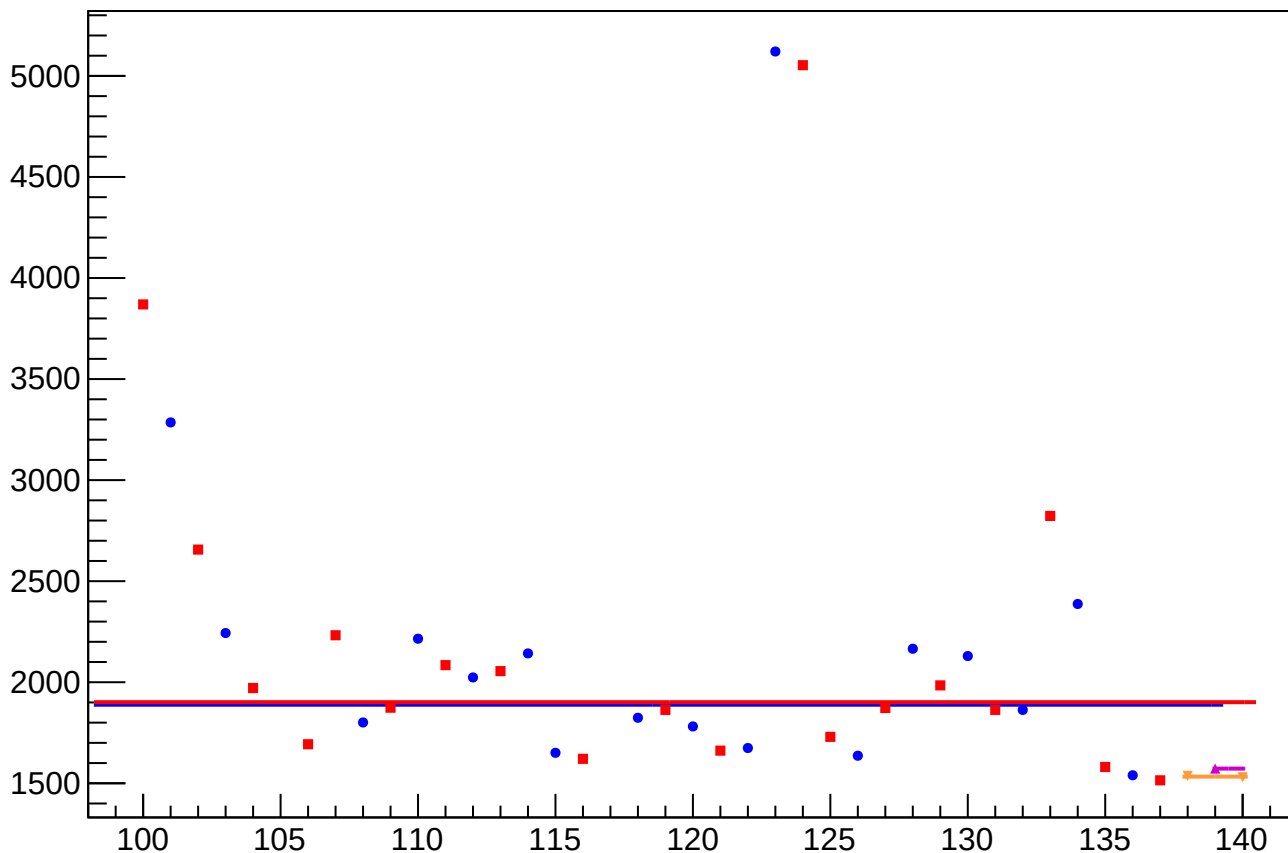
Right: -176.305 ± 522.783 χ^2/NDF : 34.3/35

In: 29.907 ± 686.493 χ^2/NDF : 23.5/17

Out: -228.697 ± 632.019 χ^2/NDF : 17.9/20

All: -110.061 ± 464.972 χ^2/NDF : 41.5/38

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: 1533.010+/-0.880 χ^2/NDF : 15.1/1

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

Left In: 1572.618+/-1.249 χ^2/NDF : 0.0/0

Left: 1546.145+/-0.719 χ^2/NDF : 687.2/2

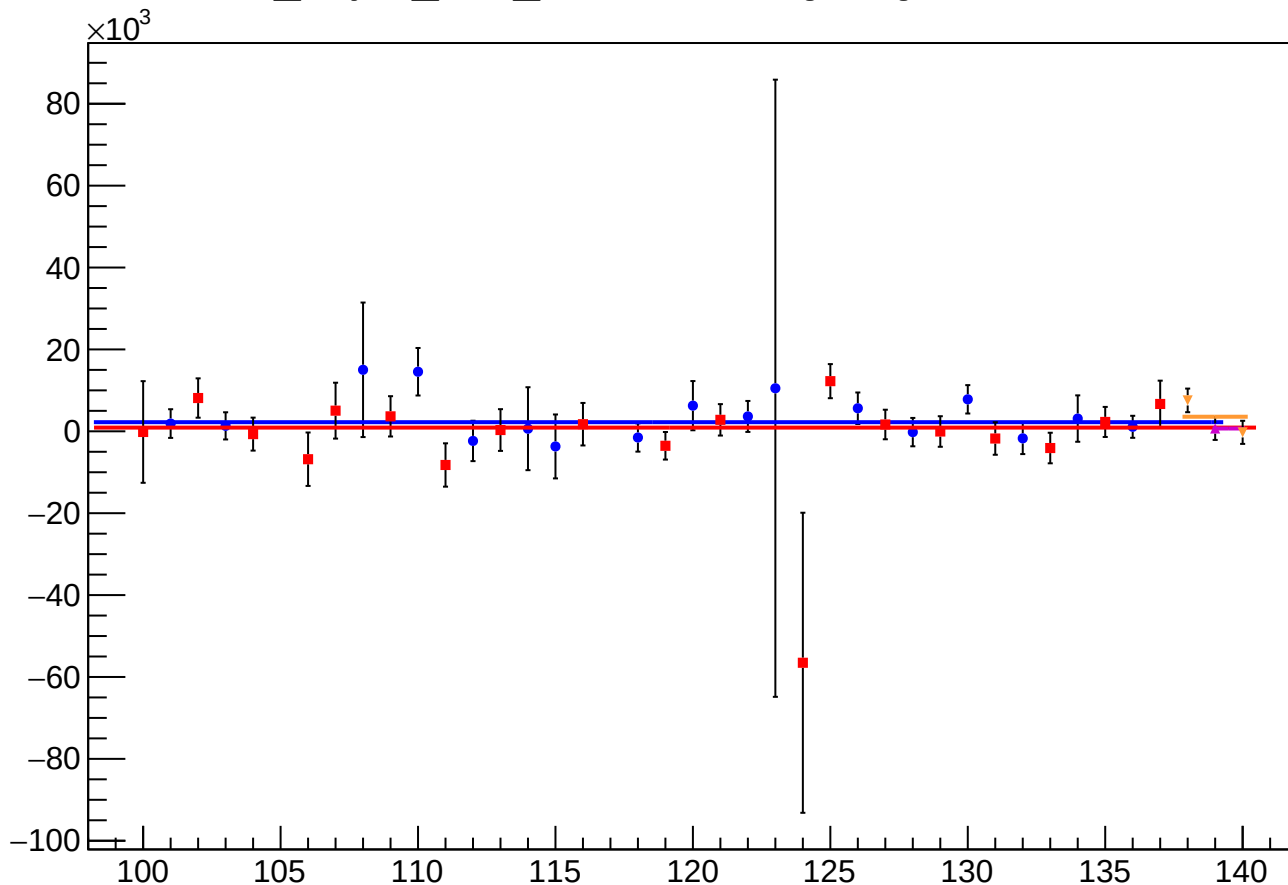
Right: 1895.125+/-0.370 χ^2/NDF : 927550.0/35

In: 1841.054+/-0.485 χ^2/NDF : 520246.8/17

Out: 1806.240+/-0.447 χ^2/NDF : 591417.2/20

All: 1822.211+/-0.329 χ^2/NDF : 1114448.1/38

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 3561.698+/-2017.241 χ^2/NDF : 3.7/1

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

Left In: 687.320+/-2790.169 χ^2/NDF : 0.0/0

Left: 2575.002+/-1634.746 χ^2/NDF : 4.4/2

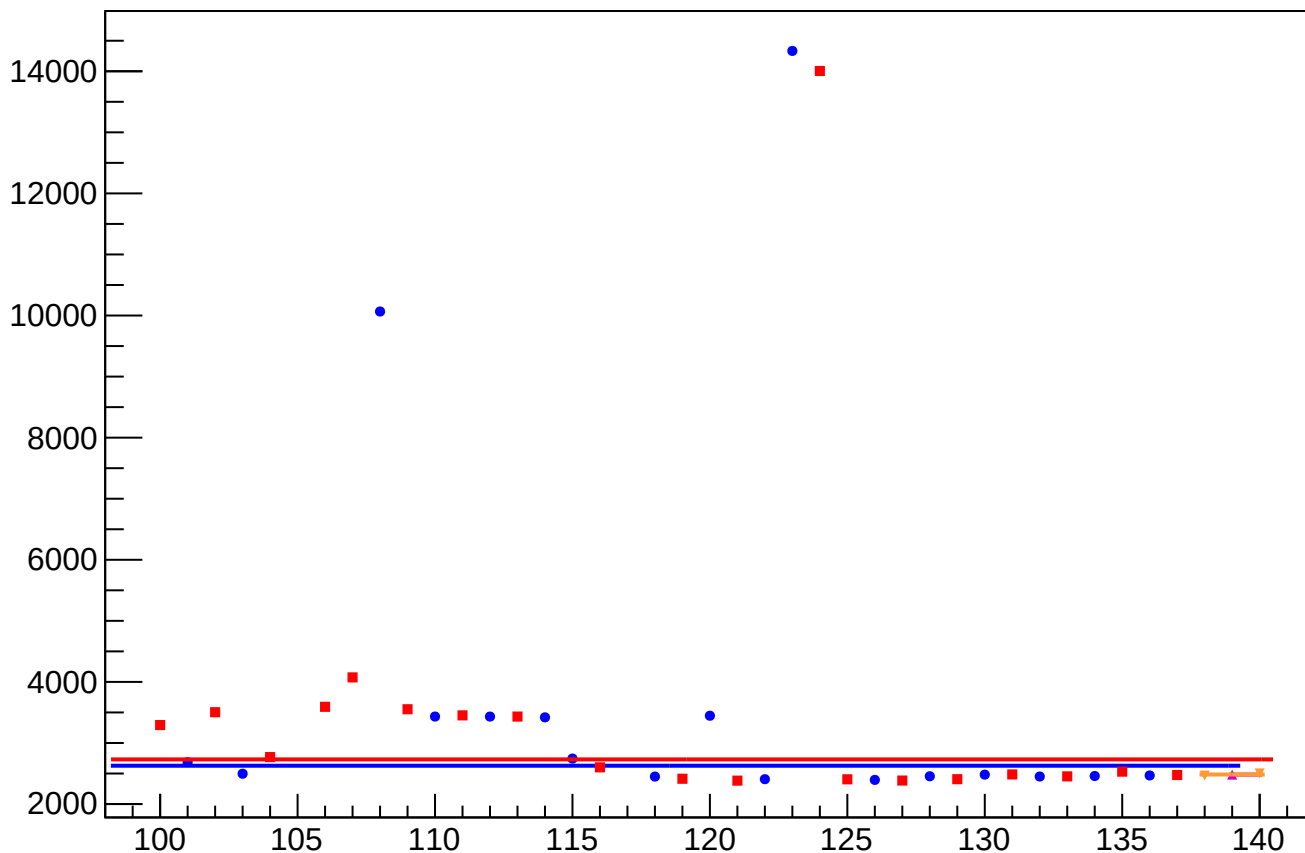
Right: 1572.479+/-737.556 χ^2/NDF : 37.3/35

In: 2039.862+/-973.919 χ^2/NDF : 13.8/17

Out: 1470.932+/-929.201 χ^2/NDF : 28.0/20

All: 1742.036+/-672.298 χ^2/NDF : 42.0/38

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2483.875+/-1.426 χ^2/NDF :154.9/1

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

Left In: 2482.470+/-1.973 χ^2/NDF :0.0/0

Left: 2483.393+/-1.156 χ^2/NDF : 155.2/2

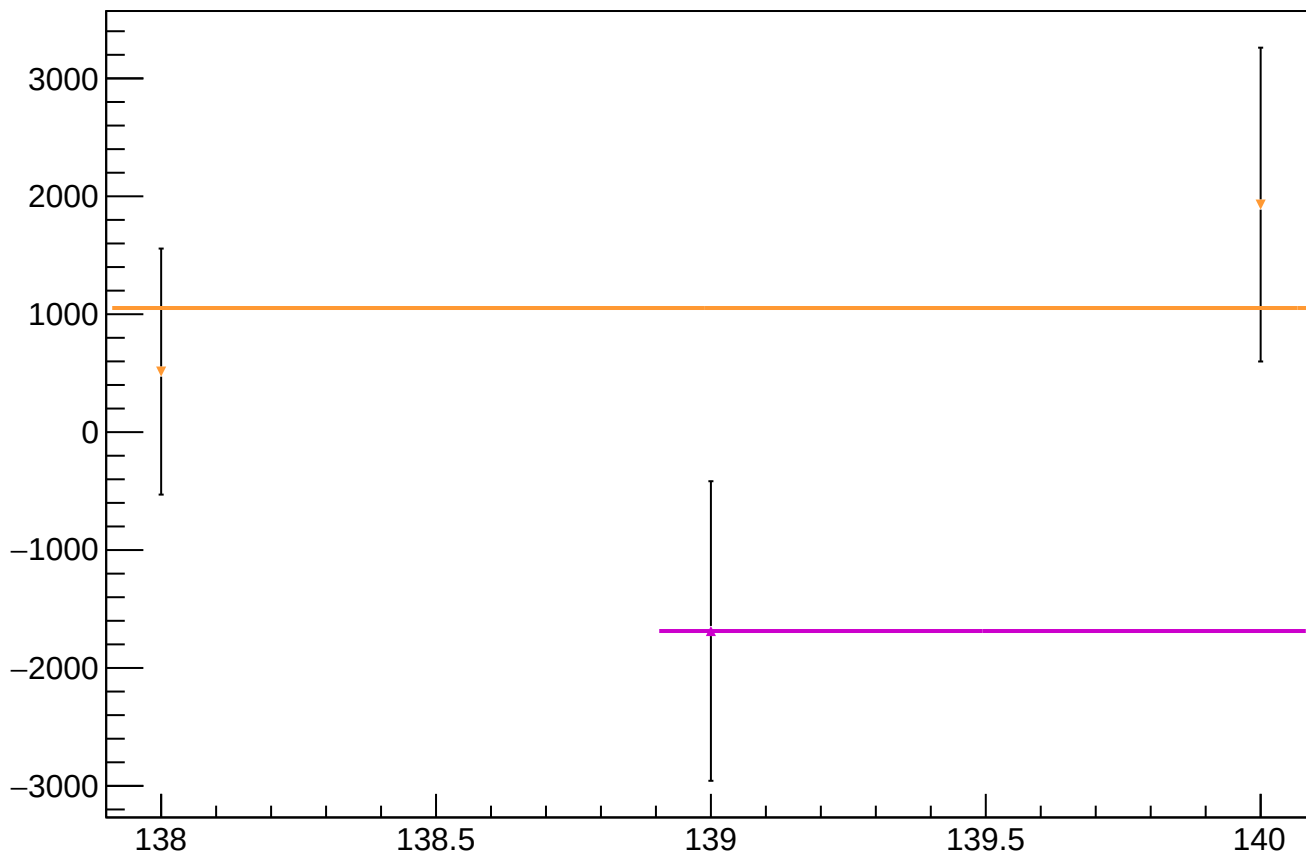
Right: 2679.043+/-0.522 χ^2/NDF : 1252488.0/35

In: 2609.891+/-0.689 χ^2/NDF :649146.5/17

Out: 2678.778+/-0.657 χ^2/NDF :622061.2/20

All: 2645.953+/-0.475 χ^2/NDF : 1276445.7/38

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 1052.716+/-821.037 χ^2/NDF : 0.7/1

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

Left In: -1686.596+/-1270.320 χ^2/NDF : 0.0/0

Left: 245.580+/-689.550 χ^2/NDF : 4.0/2

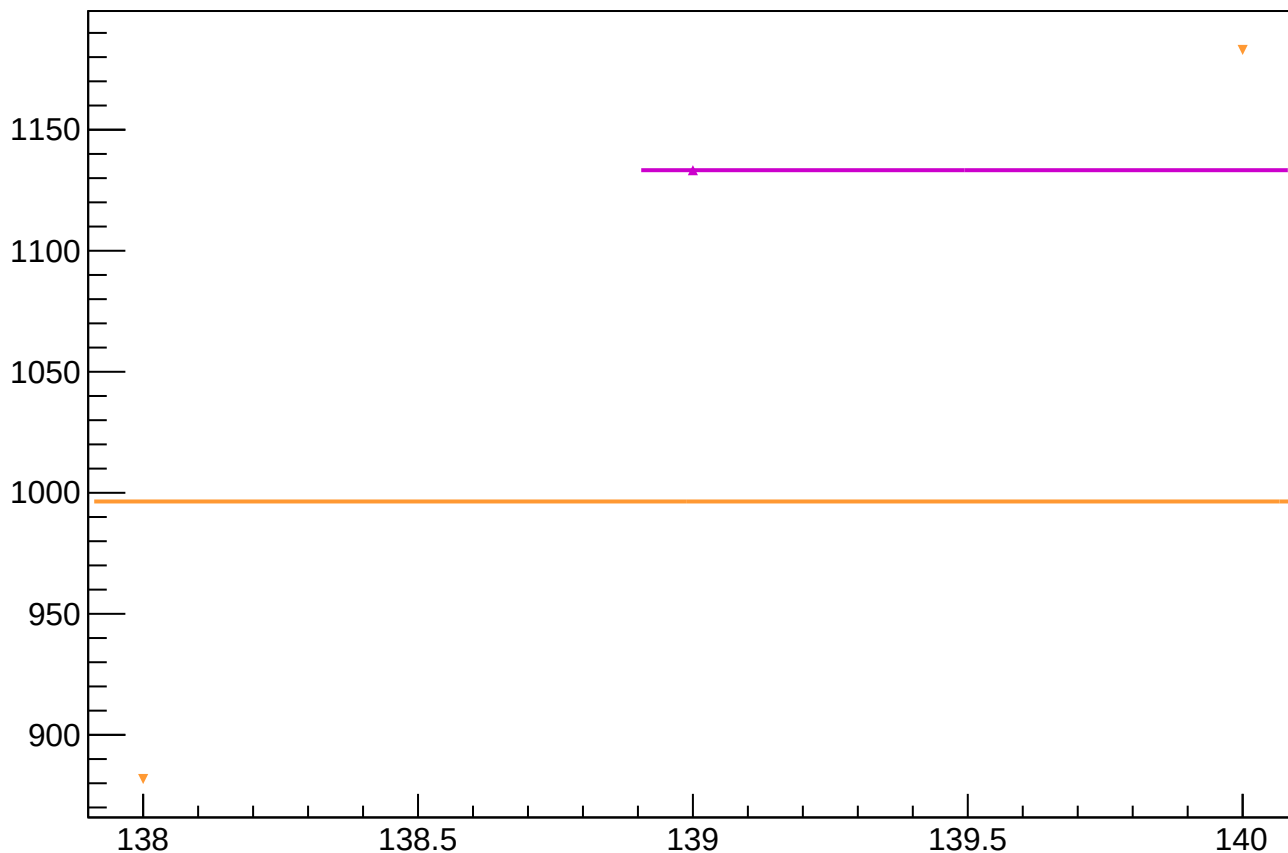
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1686.596+/-1270.320 χ^2/NDF : 0.0/0

Out: 1052.716+/-821.037 χ^2/NDF : 0.7/1

All: 245.580+/-689.550 χ^2/NDF : 4.0/2

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 996.419+/-0.581 χ^2/NDF : 63460.7/1

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

Left In: 1133.283+/-0.898 χ^2/NDF : 0.0/0

Left: 1036.746+/-0.488 χ^2/NDF : 79836.1/2

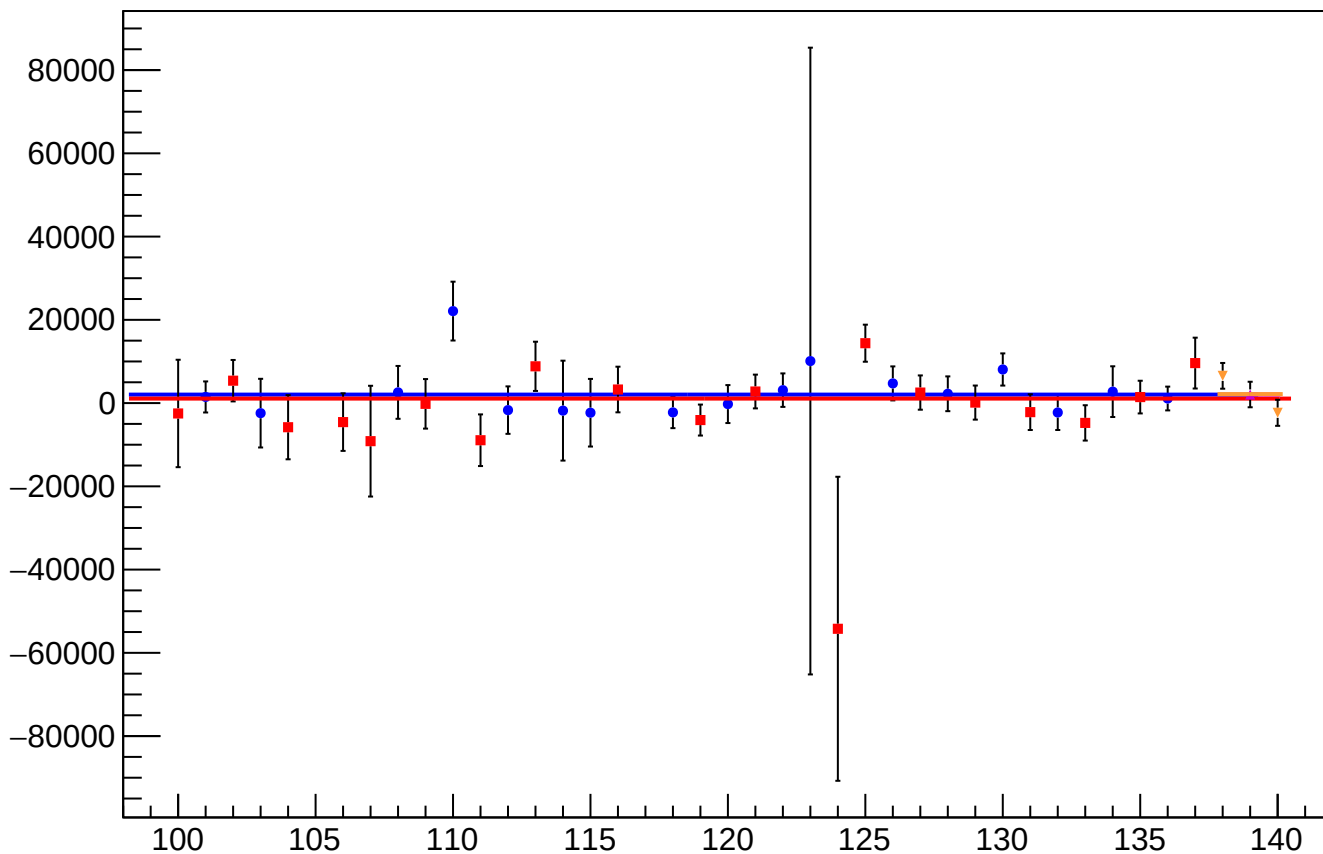
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1133.283+/-0.898 χ^2/NDF : 0.0/0

Out: 996.419+/-0.581 χ^2/NDF : 63460.7/1

All: 1036.746+/-0.488 χ^2/NDF : 79836.1/2

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2163.093+/-2201.416 χ^2/NDF : 4.1/1

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

Left In: 2060.230+/-3065.548 χ^2/NDF : 0.0/0

Left: 2128.095+/-1788.121 χ^2/NDF : 4.1/2

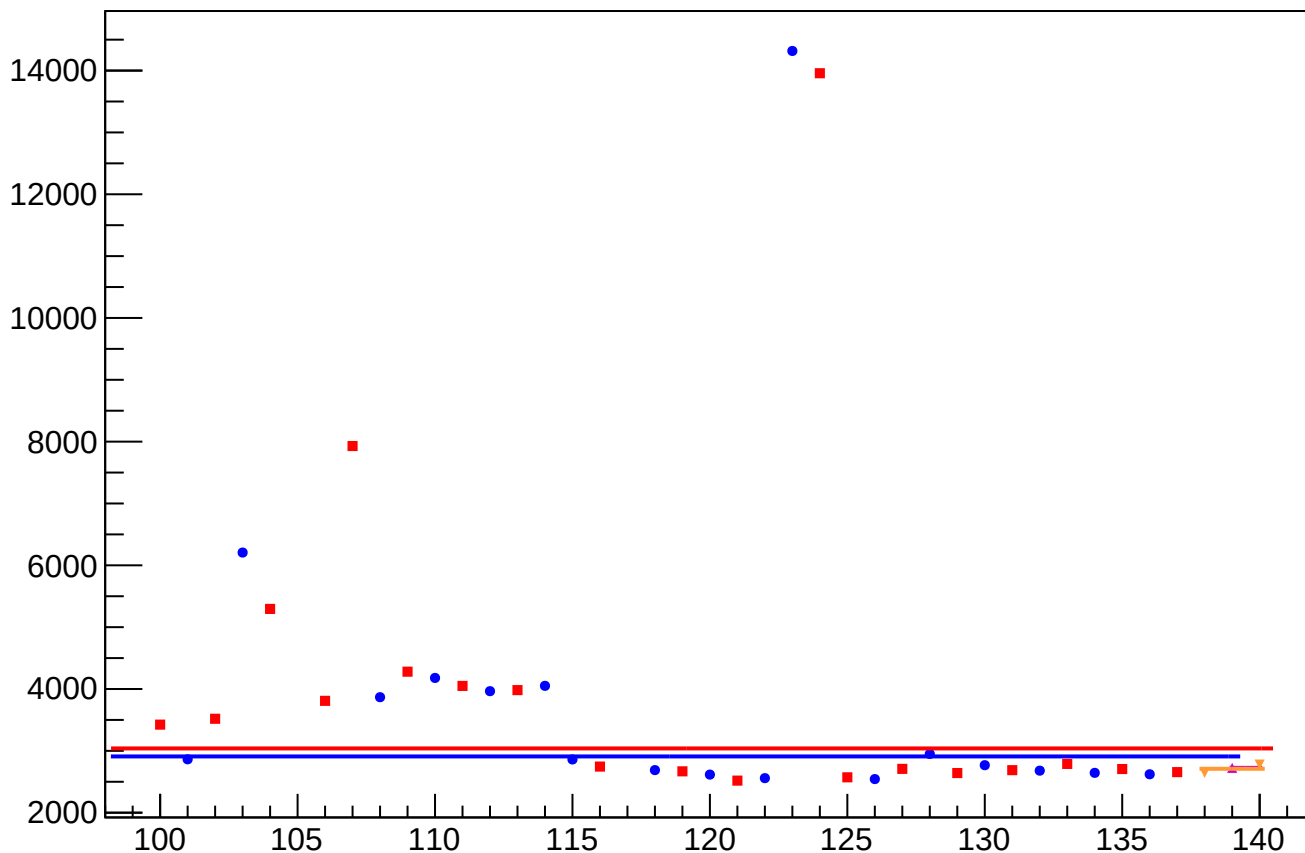
Right: 1573.398+/-826.356 χ^2/NDF : 40.5/35

In: 2040.576+/-1077.894 χ^2/NDF : 14.8/17

Out: 1323.955+/-1044.570 χ^2/NDF : 29.6/20

All: 1671.016+/-750.127 χ^2/NDF : 44.6/38

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2709.947+/-1.557 χ^2/NDF :1857.5/1

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

Left In: 2725.049+/-2.168 χ^2/NDF :0.0/0

Left: 2715.085+/-1.264 χ^2/NDF : 1889.5/2

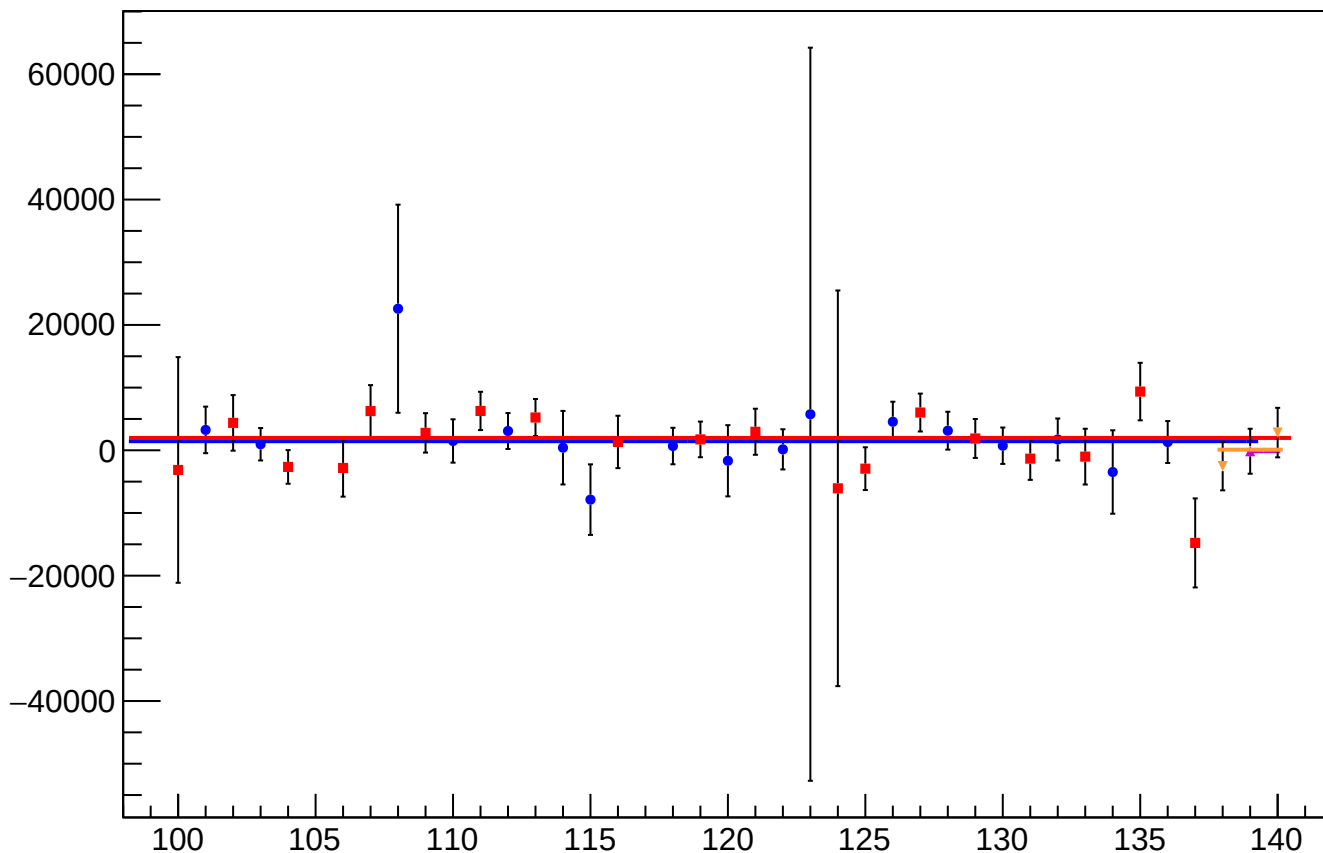
Right: 2972.475+/-0.584 χ^2/NDF : 1665447.8/35

In: 2886.899+/-0.762 χ^2/NDF :648256.2/17

Out: 2965.005+/-0.739 χ^2/NDF :1047812.7/20

All: 2927.178+/-0.530 χ^2/NDF : 1701484.4/38

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 96.963+/-2765.012 χ^2/NDF : 0.9/1

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

Left In: -152.643+/-3588.269 χ^2/NDF : 0.0/0

Left: 3.970+/-2190.197 χ^2/NDF : 0.9/2

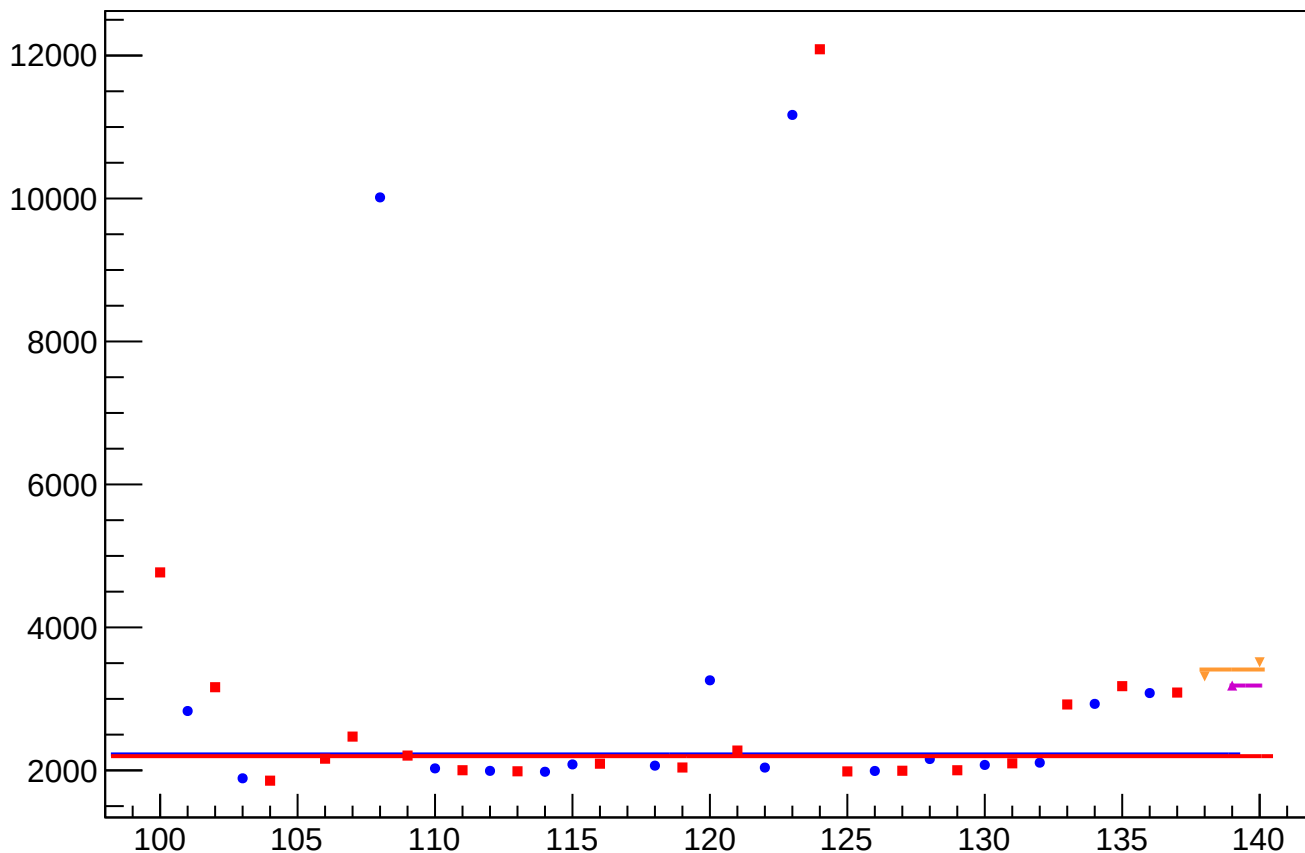
Right: 1722.028+/-614.553 χ^2/NDF : 30.0/35

In: 1359.181+/-862.919 χ^2/NDF : 7.6/17

Out: 1807.359+/-812.904 χ^2/NDF : 23.7/20

All: 1596.634+/-591.702 χ^2/NDF : 31.5/38

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 3410.916+/-1.955 χ^2/NDF : 2542.4/1

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

Left In: 3186.746+/-2.537 χ^2/NDF : 0.0/0

Left: 3327.399+/-1.549 χ^2/NDF : 7440.0/2

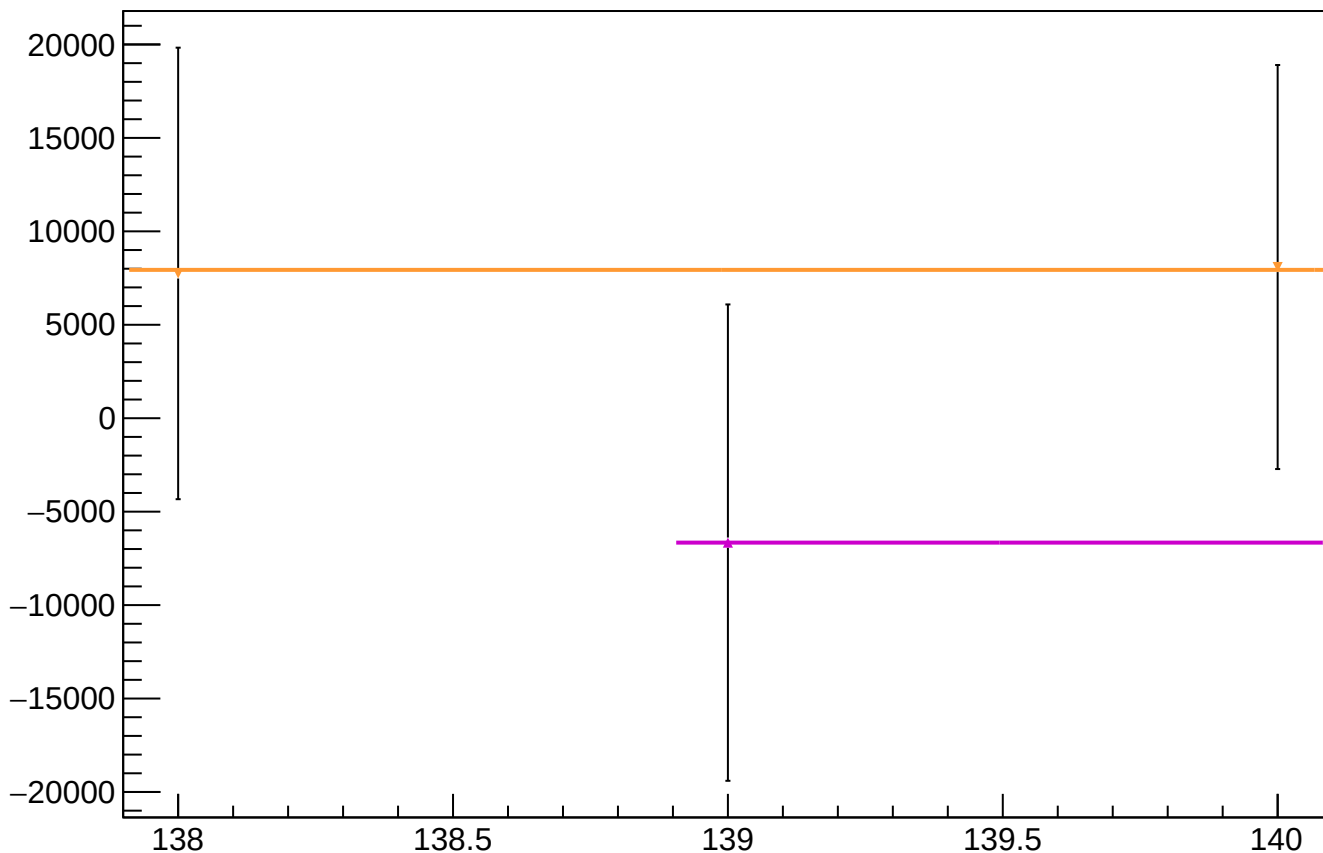
Right: 2210.398+/-0.434 χ^2/NDF : 1453492.9/35

In: 2278.860+/-0.610 χ^2/NDF : 986181.8/17

Out: 2303.393+/-0.574 χ^2/NDF : 956154.5/20

All: 2291.866+/-0.418 χ^2/NDF : 1943193.4/38

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: 7938.107+/-8055.804 χ^2/NDF : 0.0/1

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

Left In: -6656.763+/-12745.286 χ^2/NDF : 0.0/0

Left: 3771.856+/-6809.609 χ^2/NDF : 0.9/2

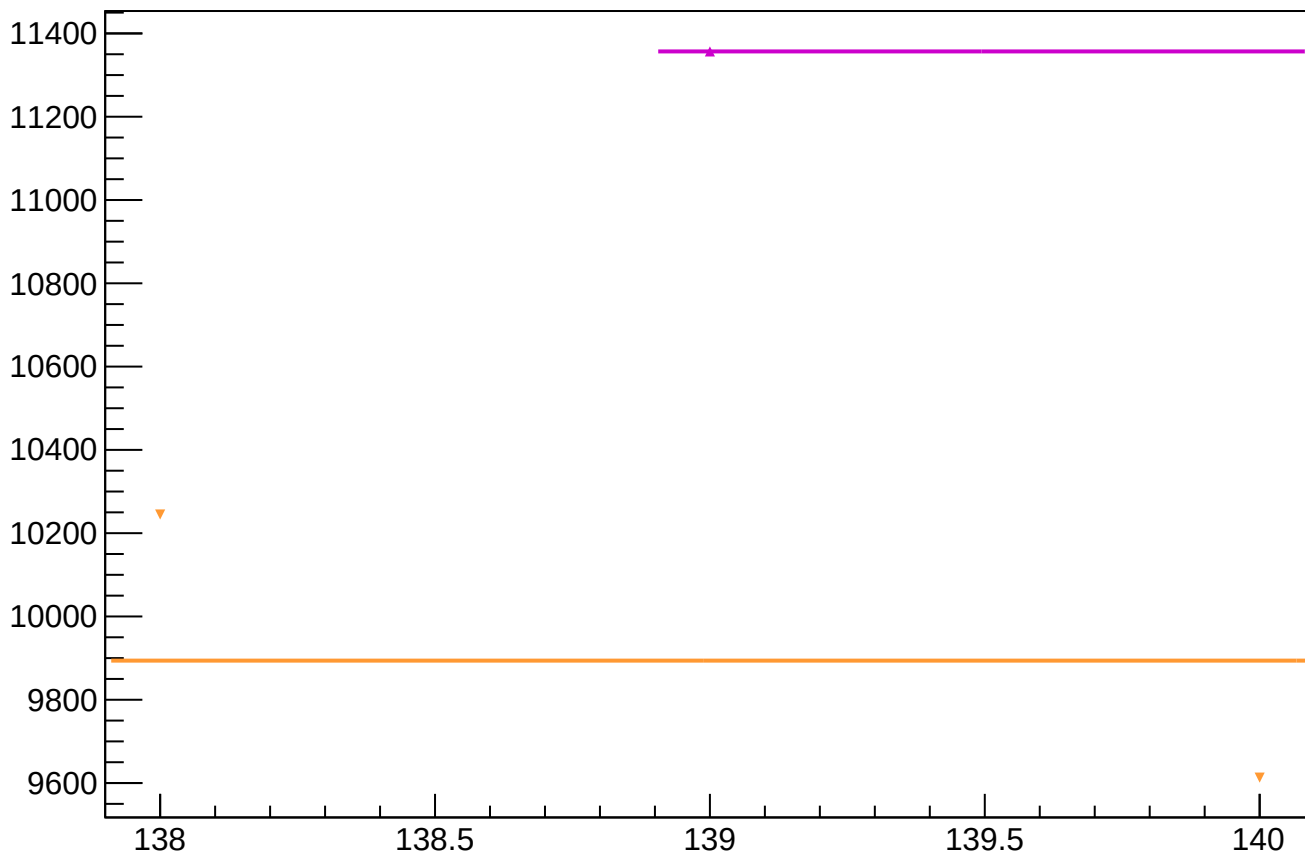
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6656.763+/-12745.286 χ^2/NDF : 0.0/0

Out: 7938.107+/-8055.804 χ^2/NDF : 0.0/1

All: 3771.856+/-6809.609 χ^2/NDF : 0.9/2

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 9893.976+/-5.696 χ^2 /NDF:3037.9/1

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

Left In: 11356.788+/-9.012 χ^2 /NDF:0.0/0

Left: 10311.550+/-4.815 χ^2 /NDF: 21862.9/2

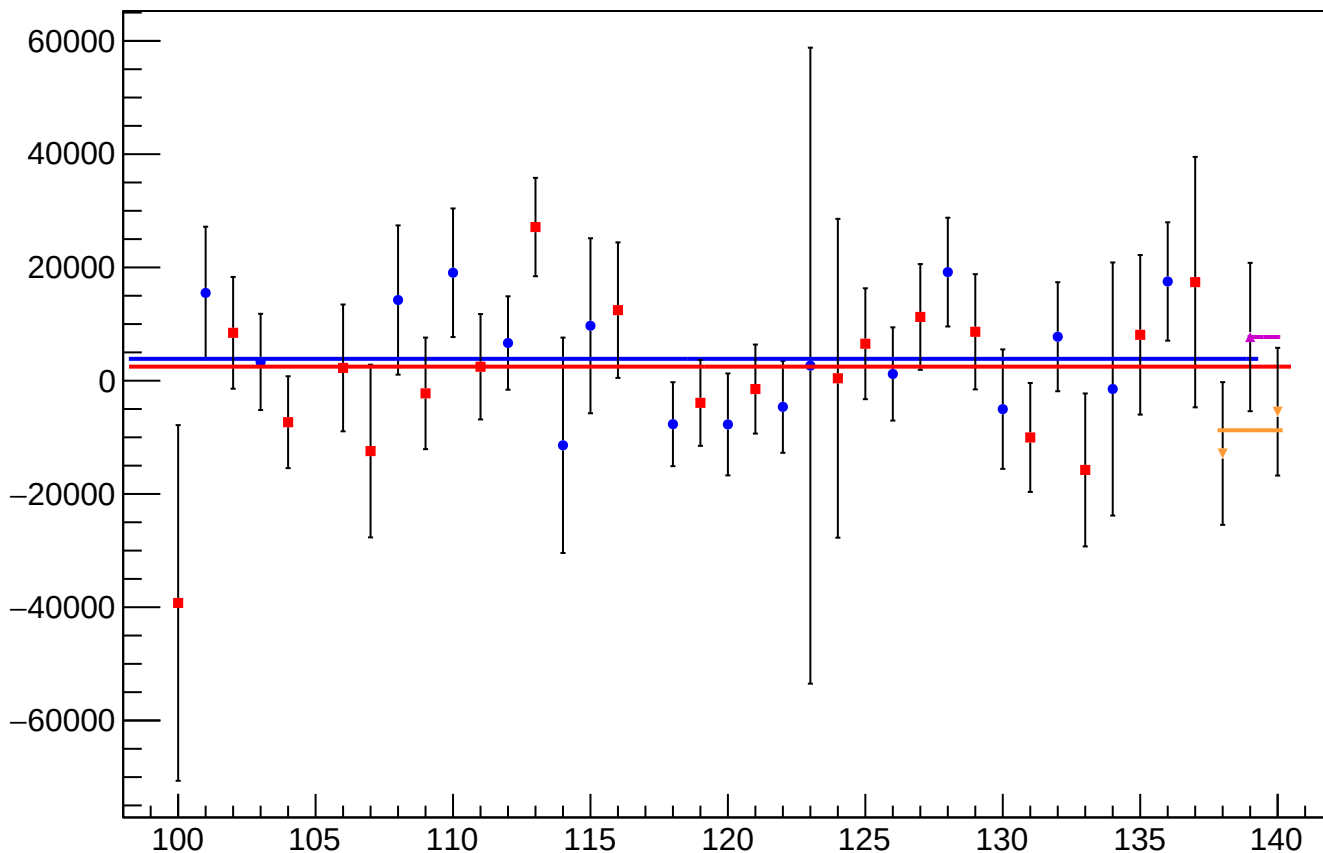
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 11356.788+/-9.012 χ^2 /NDF:0.0/0

Out: 9893.976+/-5.696 χ^2 /NDF:3037.9/1

All: 10311.550+/-4.815 χ^2 /NDF: 21862.9/2

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF : 14.8/16

Left Out: -8756.731+/-8402.540 χ^2/NDF : 0.2/1

Right Out: 2482.925+/-2421.310 χ^2/NDF : 20.0/18

Left In: 7712.207+/-13098.791 χ^2/NDF : 0.0/0

Left: -3955.566+/-7072.480 χ^2/NDF : 1.3/2

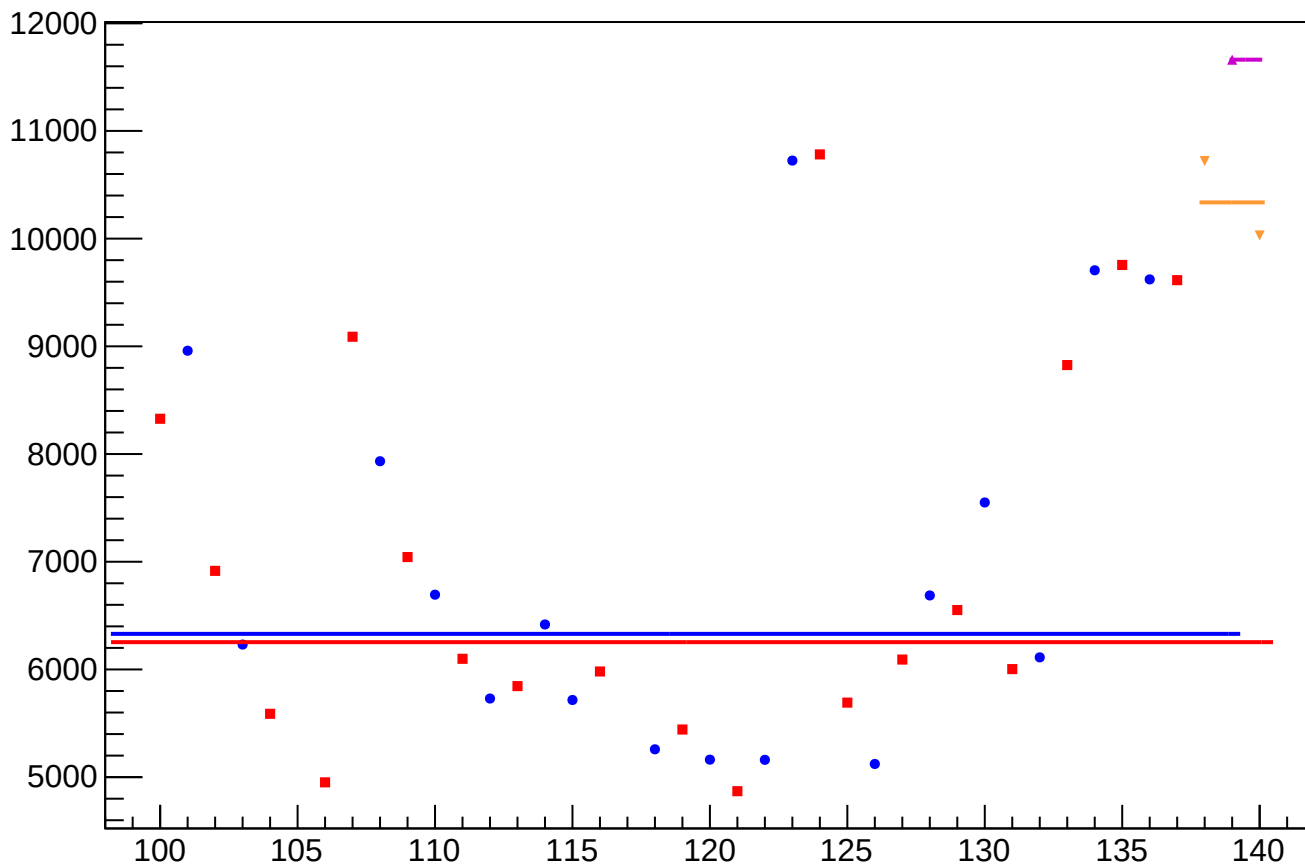
Right: 3146.972+/-1742.228 χ^2/NDF : 35.0/35

In: 3996.180+/-2463.996 χ^2/NDF : 14.8/17

Out: 1621.160+/-2326.636 χ^2/NDF : 21.9/20

All: 2740.628+/-1691.656 χ^2/NDF : 37.2/38

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF : 593395.6/16

Left Out: 10336.293+/-5.941 χ^2/NDF : 3335.4/1

Right Out: 6253.330+/-1.712 χ^2/NDF : 535355.5/18

Left In: 11661.474+/-9.262 χ^2/NDF : 0.0/0

Left: 10722.621+/-5.001 χ^2/NDF : 17837.8/2

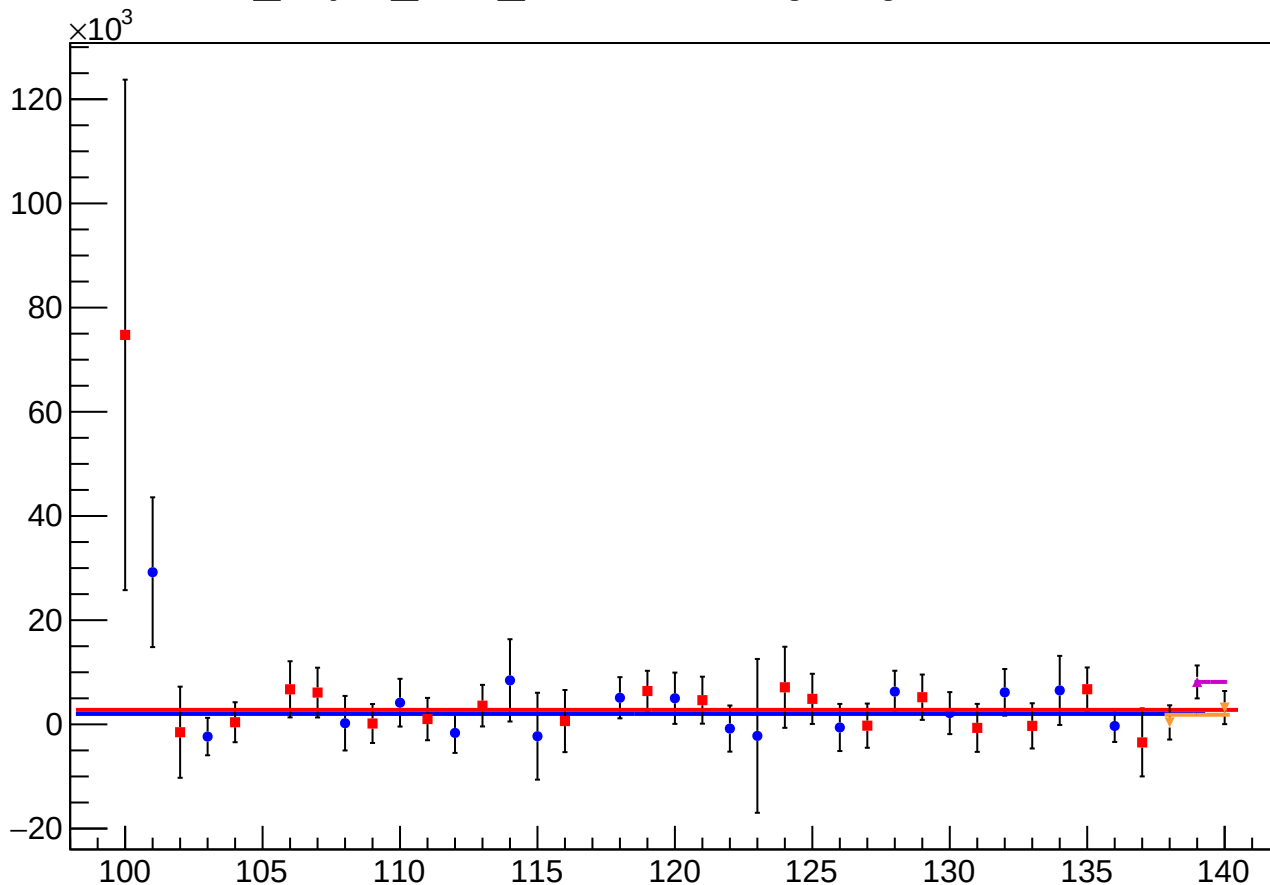
Right: 6290.444+/-1.232 χ^2/NDF : 1129725.5/35

In: 6518.933+/-1.742 χ^2/NDF : 912967.7/17

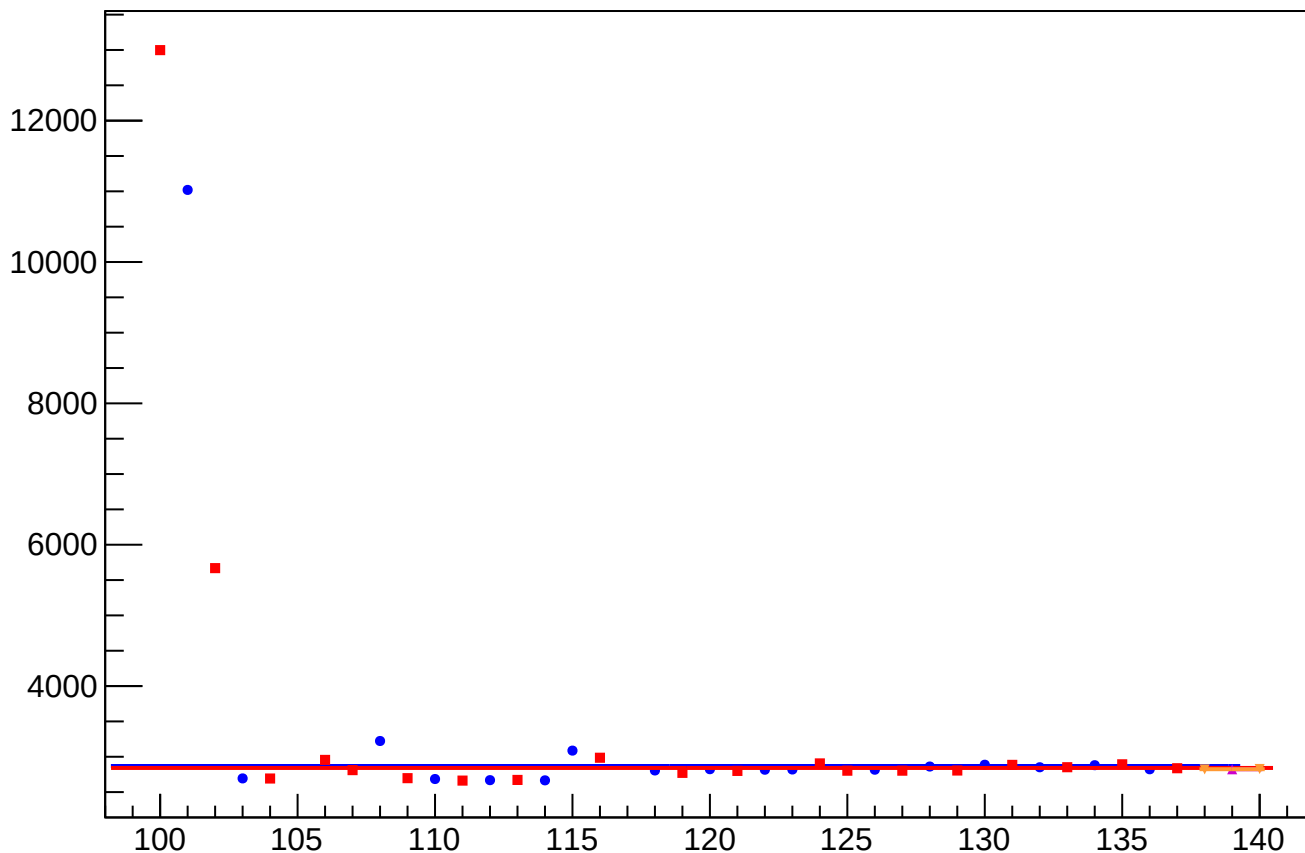
Out: 6566.352+/-1.645 χ^2/NDF : 974723.3/20

All: 6544.002+/-1.196 χ^2/NDF : 1888082.6/38

dit_asym_atr1_mean vs Slug, Sign Corrected



dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

Left Out: 2824.009+/-1.617 χ^2/NDF : 3.2/1

Right Out: 2841.561+/-0.768 χ^2/NDF : 312523.0/18

Left In: 2823.090+/-2.236 χ^2/NDF : 0.0/0

Left: 2823.694+/-1.310 χ^2/NDF : 3.3/2

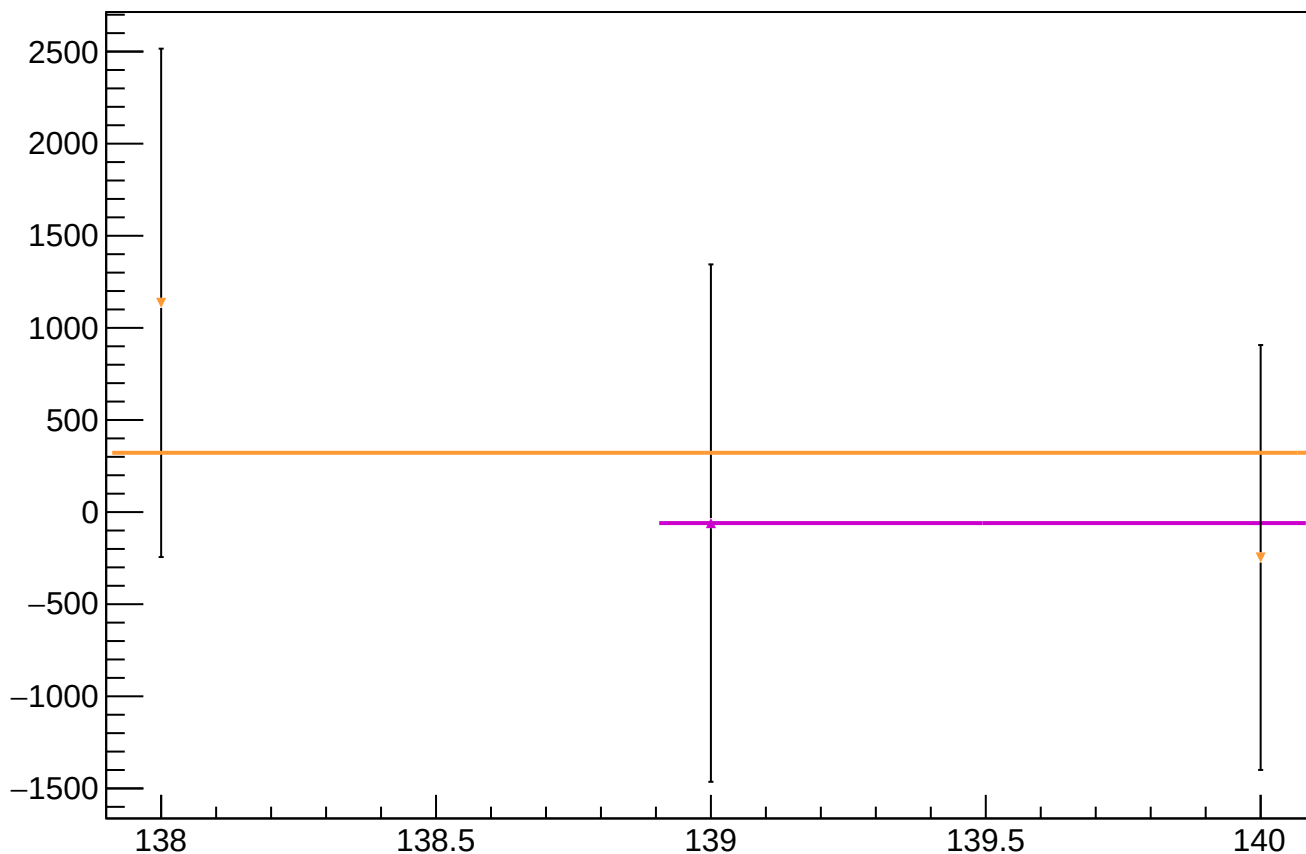
Right: 2854.781+/-0.555 χ^2/NDF : 983042.8/35

In: 2863.940+/-0.755 χ^2/NDF : 670277.3/17

Out: 2838.330+/-0.694 χ^2/NDF : 312622.3/20

All: 2850.055+/-0.511 χ^2/NDF : 983523.6/38

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 322.016+/-884.908 χ^2/NDF : 0.6/1

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

Left In: -59.710+/-1404.349 χ^2/NDF : 0.0/0

Left: 213.527+/-748.673 χ^2/NDF : 0.6/2

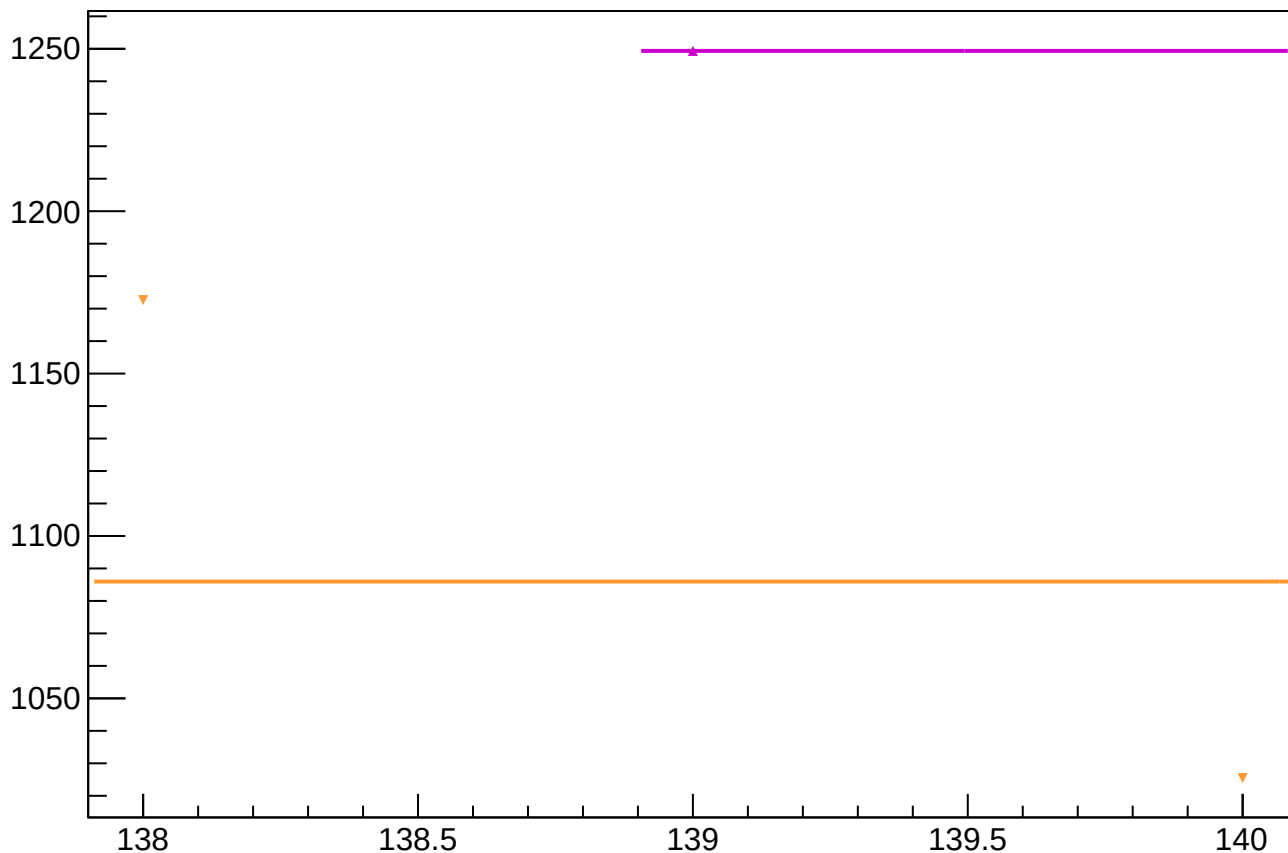
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -59.710+/-1404.349 χ^2/NDF : 0.0/0

Out: 322.016+/-884.908 χ^2/NDF : 0.6/1

All: 213.527+/-748.673 χ^2/NDF : 0.6/2

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 1085.967+/-0.626 χ^2/NDF :13396.9/1

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

Left In: 1249.357+/-0.993 χ^2/NDF :0.0/0

Left: 1132.403+/-0.529 χ^2/NDF : 32775.2/2

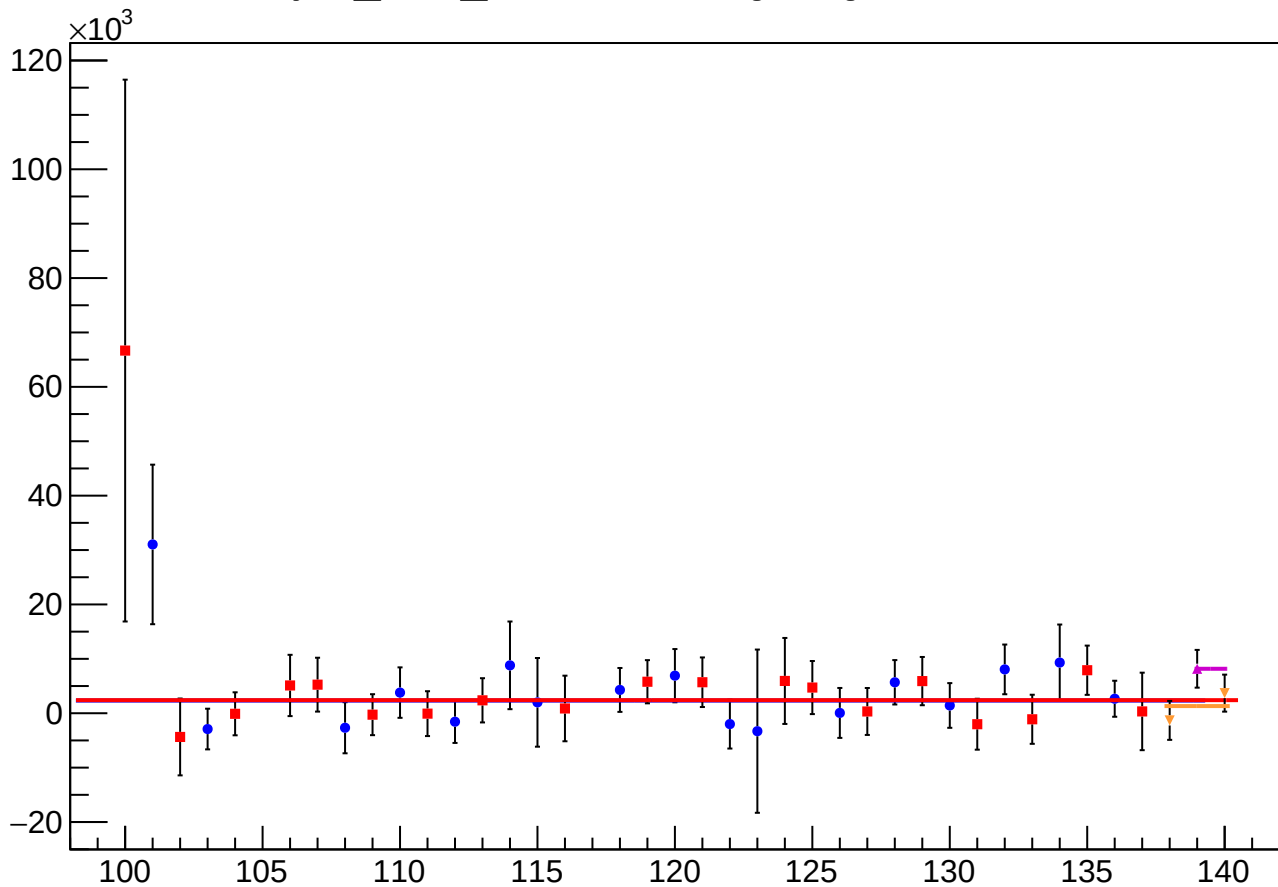
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1249.357+/-0.993 χ^2/NDF :0.0/0

Out: 1085.967+/-0.626 χ^2/NDF :13396.9/1

All: 1132.403+/-0.529 χ^2/NDF : 32775.2/2

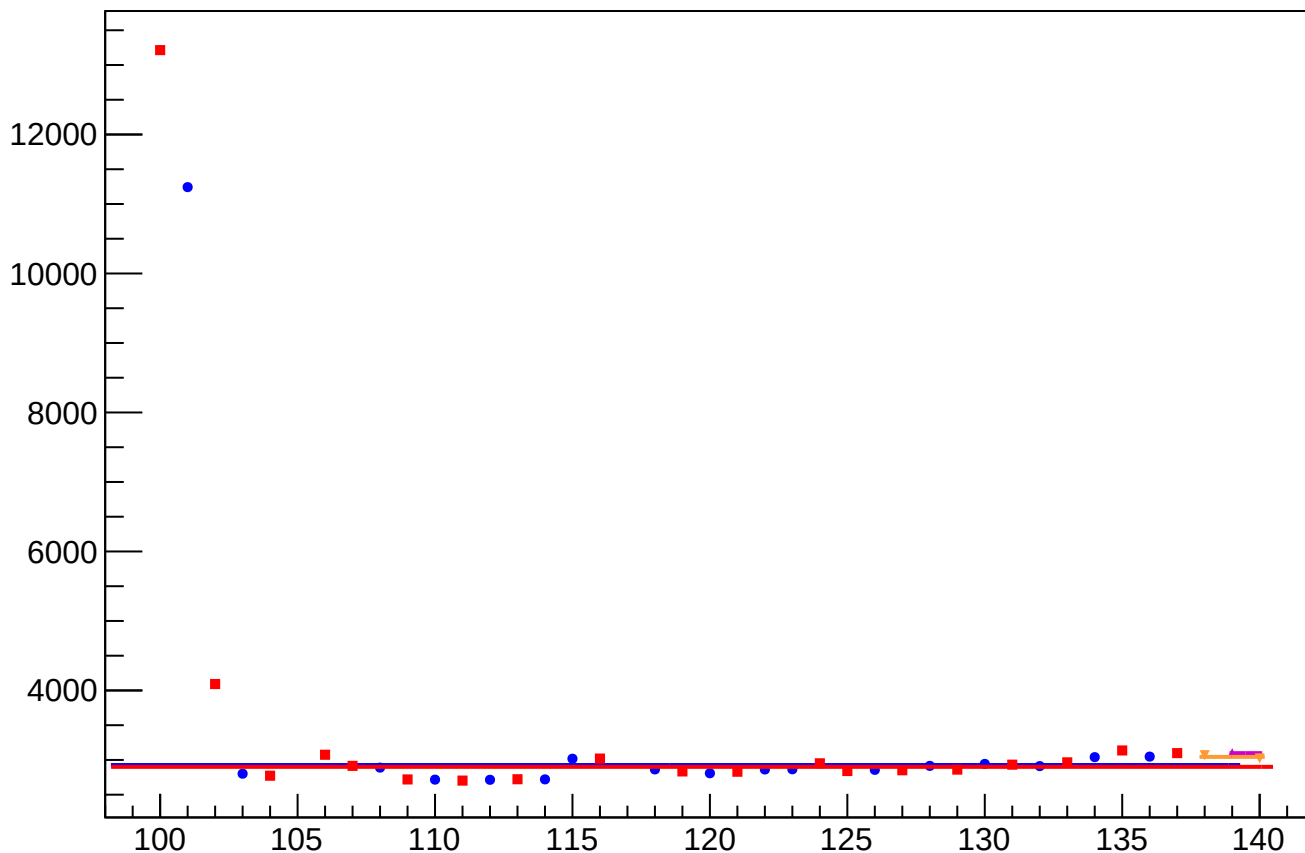
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF : 14.4/16
 Left Out: 1316.335+/-2465.160 χ^2/NDF : 1.0/1
 Right Out: 2403.750+/-1110.093 χ^2/NDF : 10.1/18
 Left In: 8172.257+/-3470.834 χ^2/NDF : 0.0/0

Left: 3615.178+/-2009.812 χ^2/NDF : 3.6/2
 Right: 2368.450+/-800.876 χ^2/NDF : 24.5/35
 In: 2913.991+/-1097.241 χ^2/NDF : 16.9/17
 Out: 2220.418+/-1012.199 χ^2/NDF : 11.3/20
 All: 2539.289+/-743.983 χ^2/NDF : 28.4/38

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 3044.195+/-1.743 χ^2/NDF :173.8/1

Right Out: 2900.827+/-0.785 χ^2/NDF : 169866.6/18

Left In: 3097.678+/-2.454 χ^2/NDF :0.0/0

Left: 3062.129+/-1.421 χ^2/NDF : 489.5/2

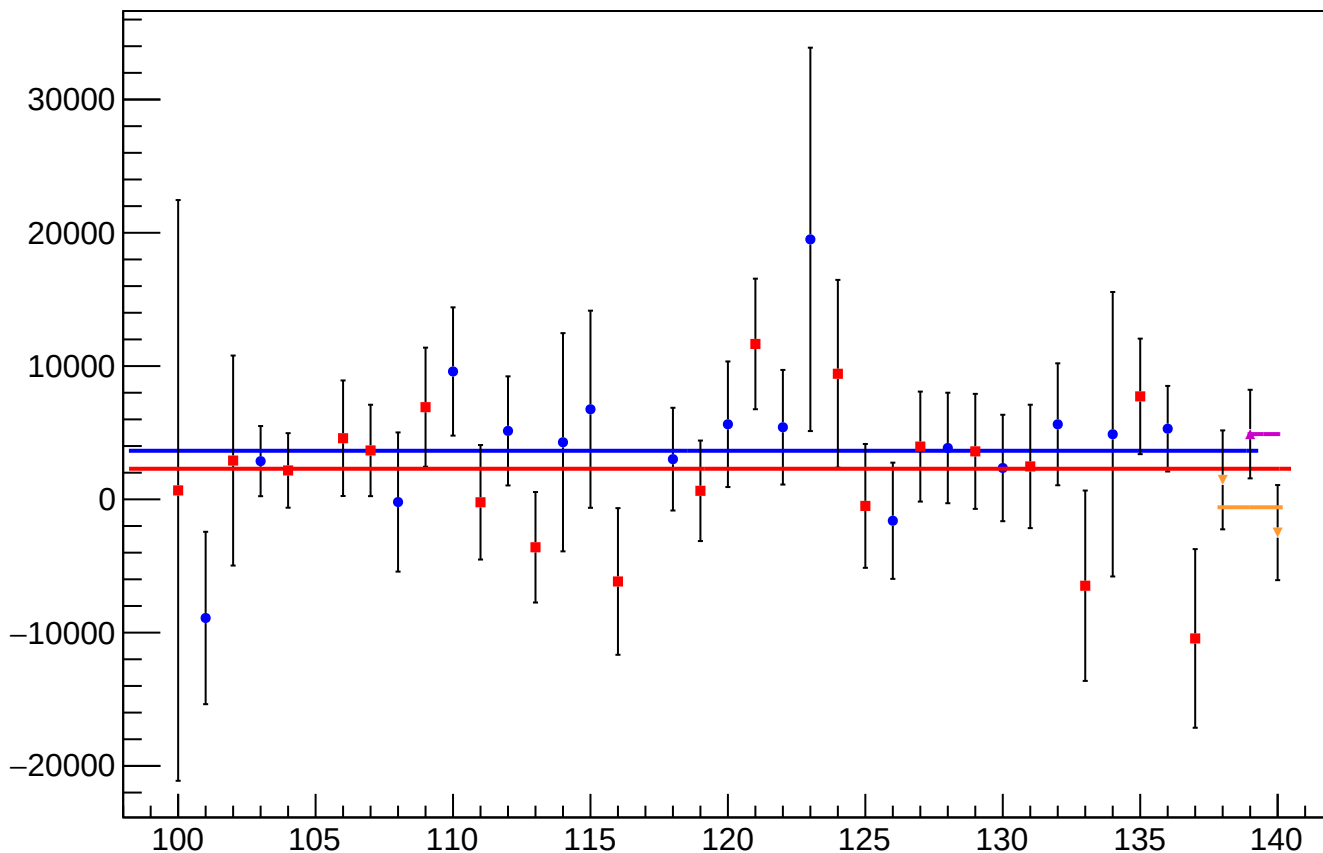
Right: 2913.190+/-0.566 χ^2/NDF : 833178.3/35

In: 2943.707+/-0.776 χ^2/NDF :667167.3/17

Out: 2924.998+/-0.716 χ^2/NDF :175664.6/20

All: 2933.599+/-0.526 χ^2/NDF : 843146.0/38

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268 $\pm$ 1091.486 χ^2 /NDF: 9.9/16

Left Out: -594.671 $\pm$ 2572.394 χ^2 /NDF:0.6/1

Right Out: 2295.846 $\pm$ 1046.865 χ^2 /NDF: 18.4/18

Left In: 4897.075 $\pm$ 3322.624 χ^2 /NDF:0.0/0

Left: 1463.434 $\pm$ 2034.041 χ^2 /NDF: 2.3/2

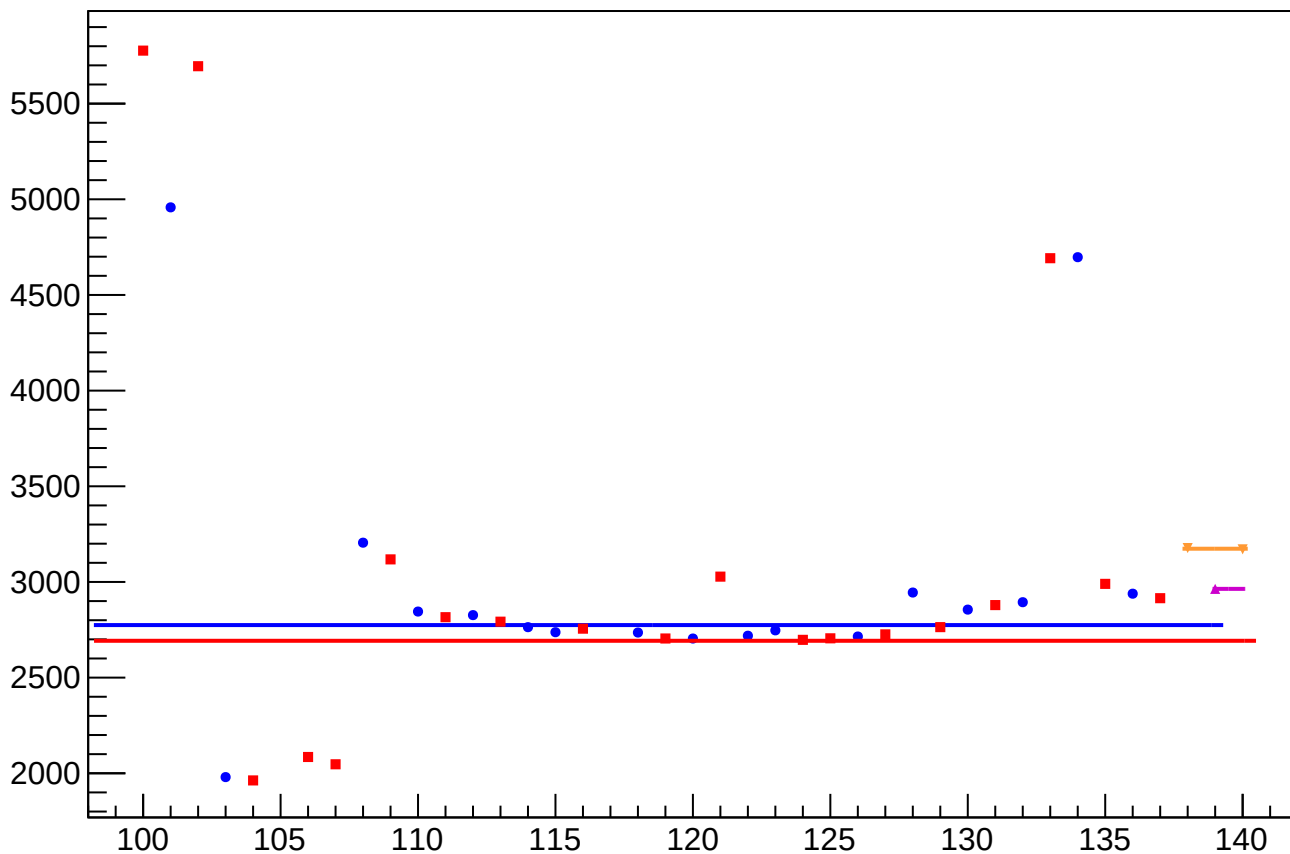
Right: 2942.410 $\pm$ 755.528 χ^2 /NDF: 29.1/35

In: 3767.197 $\pm$ 1036.968 χ^2 /NDF:10.0/17

Out: 1885.145 $\pm$ 969.645 χ^2 /NDF:20.1/20

All: 2763.097 $\pm$ 708.248 χ^2 /NDF: 31.8/38

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617 $\pm$ 0.772 χ^2 /NDF: 501680.3/16

Left Out: 3173.681 $\pm$ 1.819 χ^2 /NDF: 3.4/1

Right Out: 2692.509 $\pm$ 0.740 χ^2 /NDF: 780267.3/18

Left In: 2963.854 $\pm$ 2.349 χ^2 /NDF: 0.0/0

Left: 3095.045 $\pm$ 1.438 χ^2 /NDF: 4990.4/2

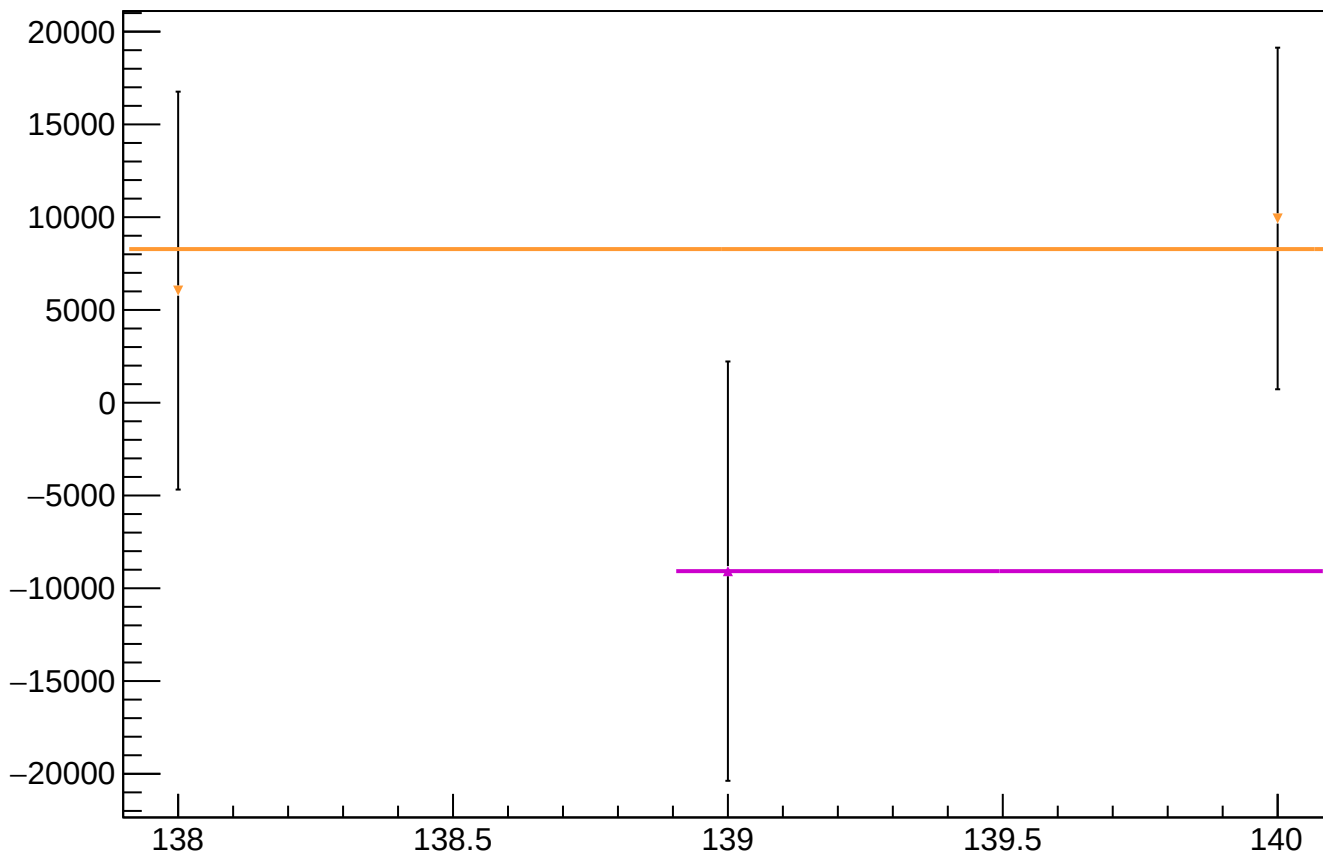
Right: 2731.837 $\pm$ 0.534 χ^2 /NDF: 1287844.4/35

In: 2793.050 $\pm$ 0.733 χ^2 /NDF: 507535.9/17

Out: 2760.839 $\pm$ 0.685 χ^2 /NDF: 840310.4/20

All: 2775.860 $\pm$ 0.501 χ^2 /NDF: 1348876.2/38

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 8280.813+/-6984.570 χ^2 /NDF:0.1/1

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

Left In: -9076.645+/-11299.540 χ^2 /NDF:0.0/0

Left: 3482.266+/-5941.179 χ^2 /NDF: 1.8/2

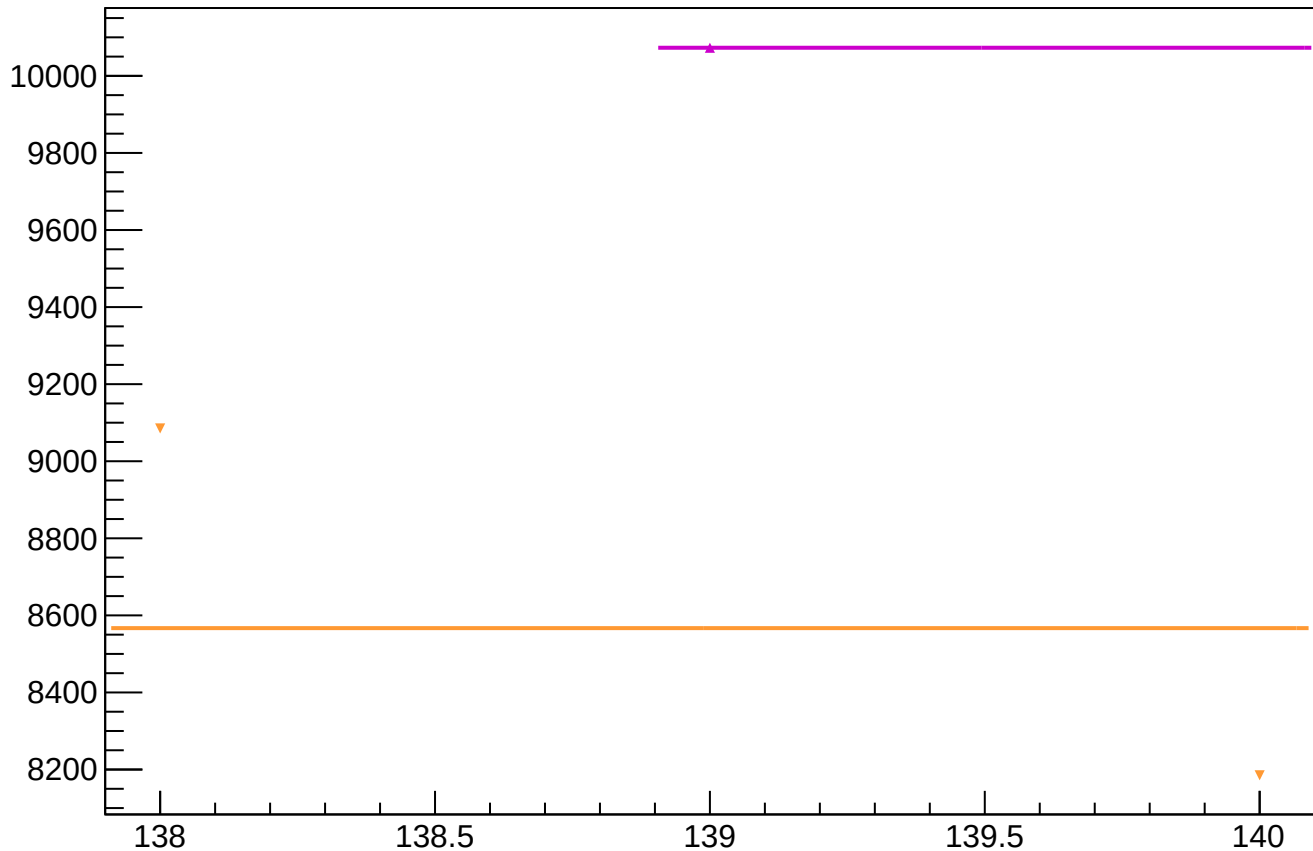
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -9076.645+/-11299.540 χ^2 /NDF:0.0/0

Out: 8280.813+/-6984.570 χ^2 /NDF:0.1/1

All: 3482.266+/-5941.179 χ^2 /NDF: 1.8/2

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8566.933+/-4.939 χ^2/NDF :8112.9/1

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

Left In: 10072.967+/-7.990 χ^2/NDF :0.0/0

Left: 8983.283+/-4.201 χ^2/NDF : 33819.4/2

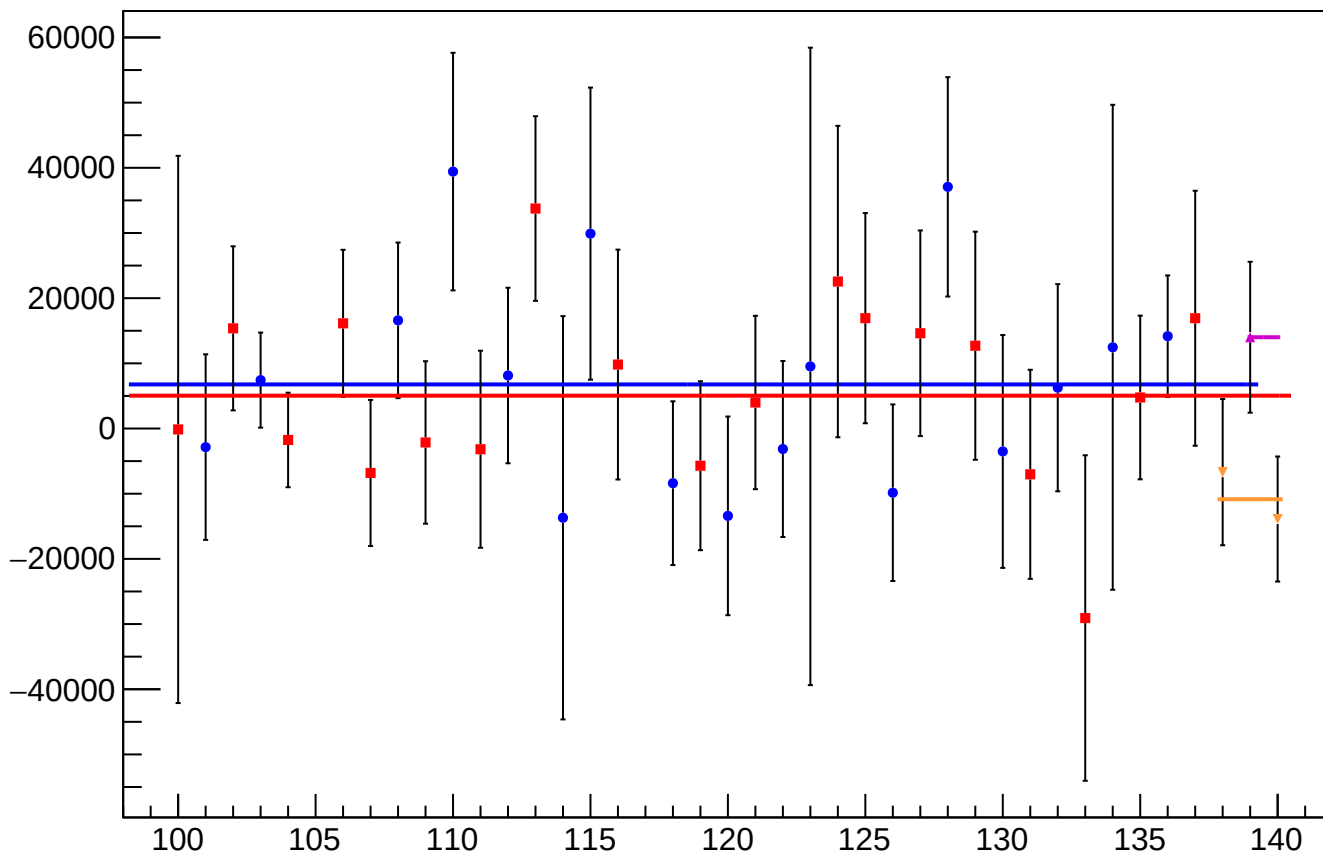
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10072.967+/-7.990 χ^2/NDF :0.0/0

Out: 8566.933+/-4.939 χ^2/NDF :8112.9/1

All: 8983.283+/-4.201 χ^2/NDF : 33819.4/2

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -10846.177+/-7289.992 χ^2/NDF : 0.2/1

Right Out: 5041.440+/-3167.616 χ^2/NDF : 13.6/18

Left In: 14008.264+/-11573.855 χ^2/NDF : 0.0/0

Left: -3786.437+/-6168.370 χ^2/NDF : 3.5/2

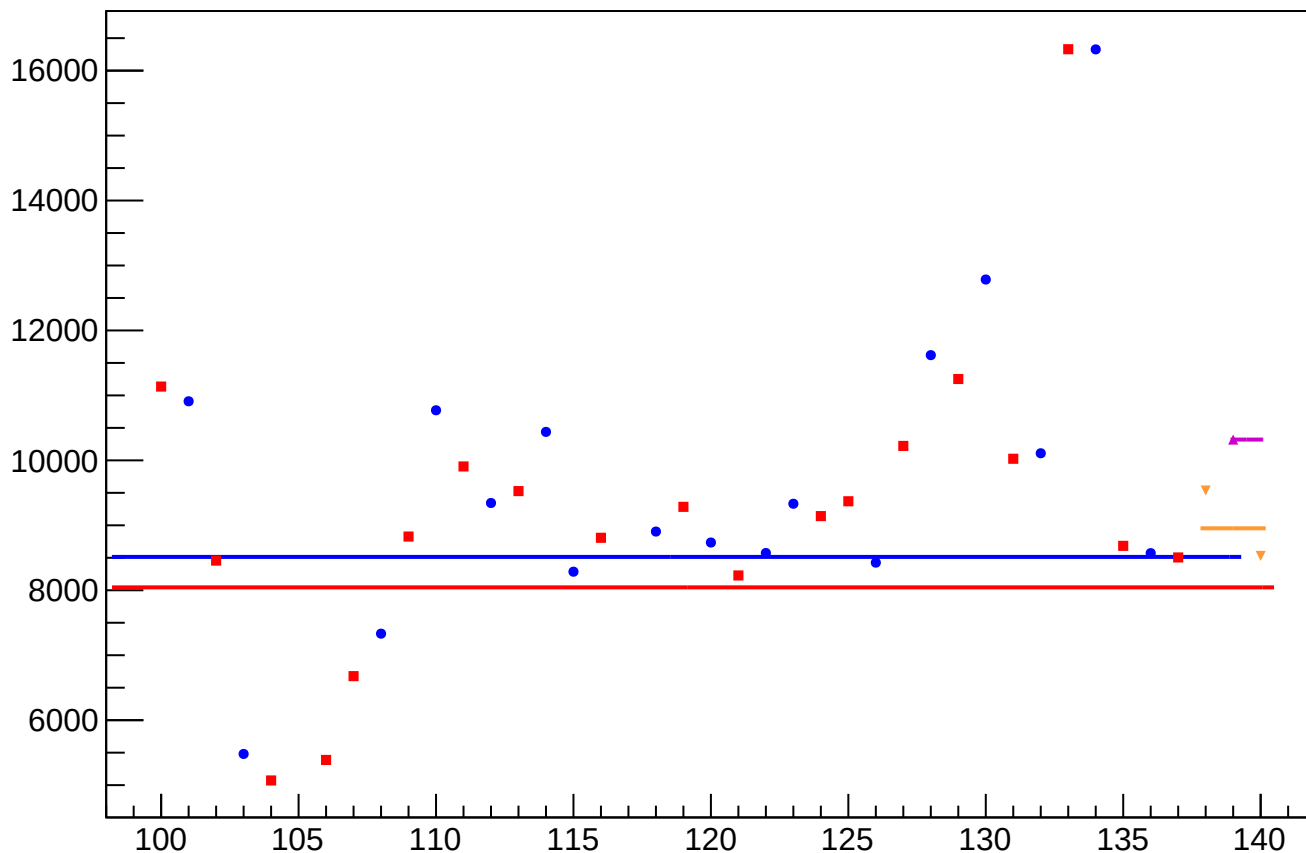
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 7338.633+/-3250.789 χ^2/NDF : 15.7/17

Out: 2518.195+/-2905.209 χ^2/NDF : 17.8/20

All: 4658.658+/-2166.205 χ^2/NDF : 34.8/38

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Left Out: 8954.171+/-5.155 χ^2/NDF : 9303.3/1

Right Out: 8044.739+/-2.240 χ^2/NDF : 952310.5/18

Left In: 10320.026+/-8.184 χ^2/NDF : 0.0/0

Left: 9342.133+/-4.362 χ^2/NDF : 29245.4/2

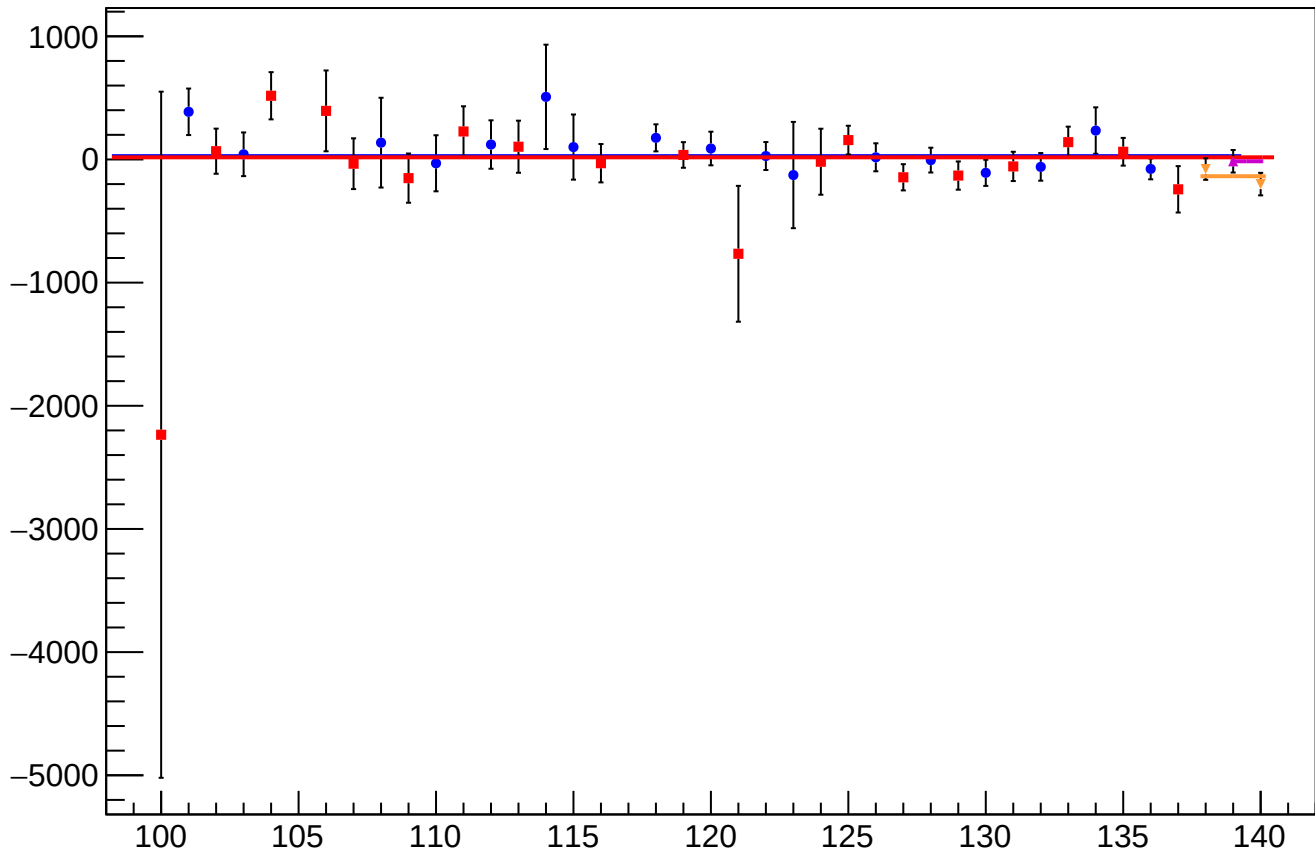
Right: 8263.507+/-1.636 χ^2/NDF : 1735374.5/35

In: 8656.169+/-2.299 χ^2/NDF : 807488.4/17

Out: 8189.164+/-2.054 χ^2/NDF : 987796.3/20

All: 8396.526+/-1.532 χ^2/NDF : 1818233.0/38

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932 ± 34.029 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -136.158 ± 63.230 $\chi^2/\text{NDF}: 0.9/1$

Right Out: 17.368 ± 35.548 $\chi^2/\text{NDF}: 21.9/18$

Left In: -14.647 ± 91.465 $\chi^2/\text{NDF}: 0.0/0$

Left: -96.865 ± 52.012 $\chi^2/\text{NDF}: 2.1/2$

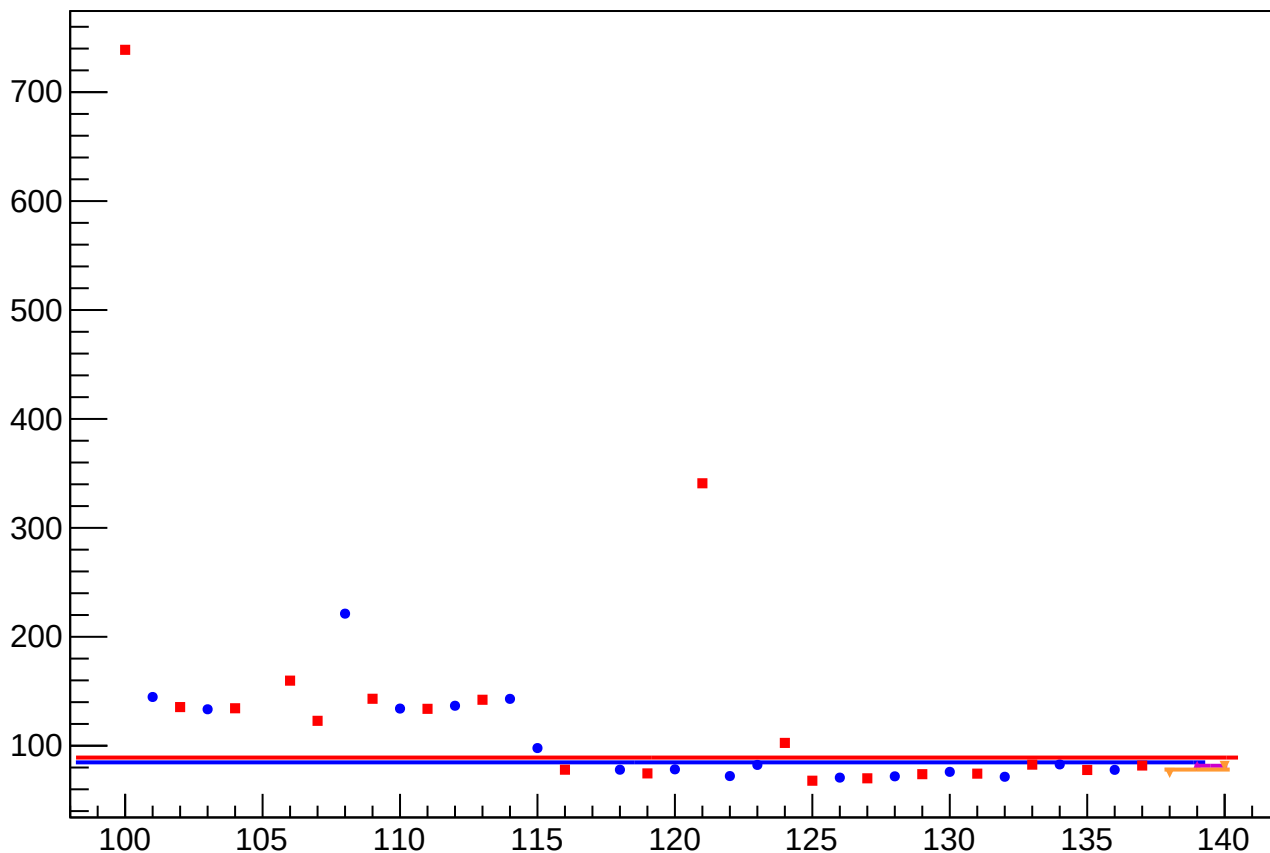
Right: 22.359 ± 24.581 $\chi^2/\text{NDF}: 34.5/35$

In: 21.876 ± 31.893 $\chi^2/\text{NDF}: 12.8/17$

Out: -19.502 ± 30.986 $\chi^2/\text{NDF}: 27.3/20$

All: 0.591 ± 22.224 $\chi^2/\text{NDF}: 40.9/38$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737 ± 0.024 $\chi^2/\text{NDF}: 1064420.0/16$

Left Out: 78.117 ± 0.045 $\chi^2/\text{NDF}: 5248.3/1$

Right Out: 89.143 ± 0.025 $\chi^2/\text{NDF}: 1559269.8/18$

Left In: 81.609 ± 0.065 $\chi^2/\text{NDF}: 0.0/0$

Left: 79.246 ± 0.037 $\chi^2/\text{NDF}: 7221.1/2$

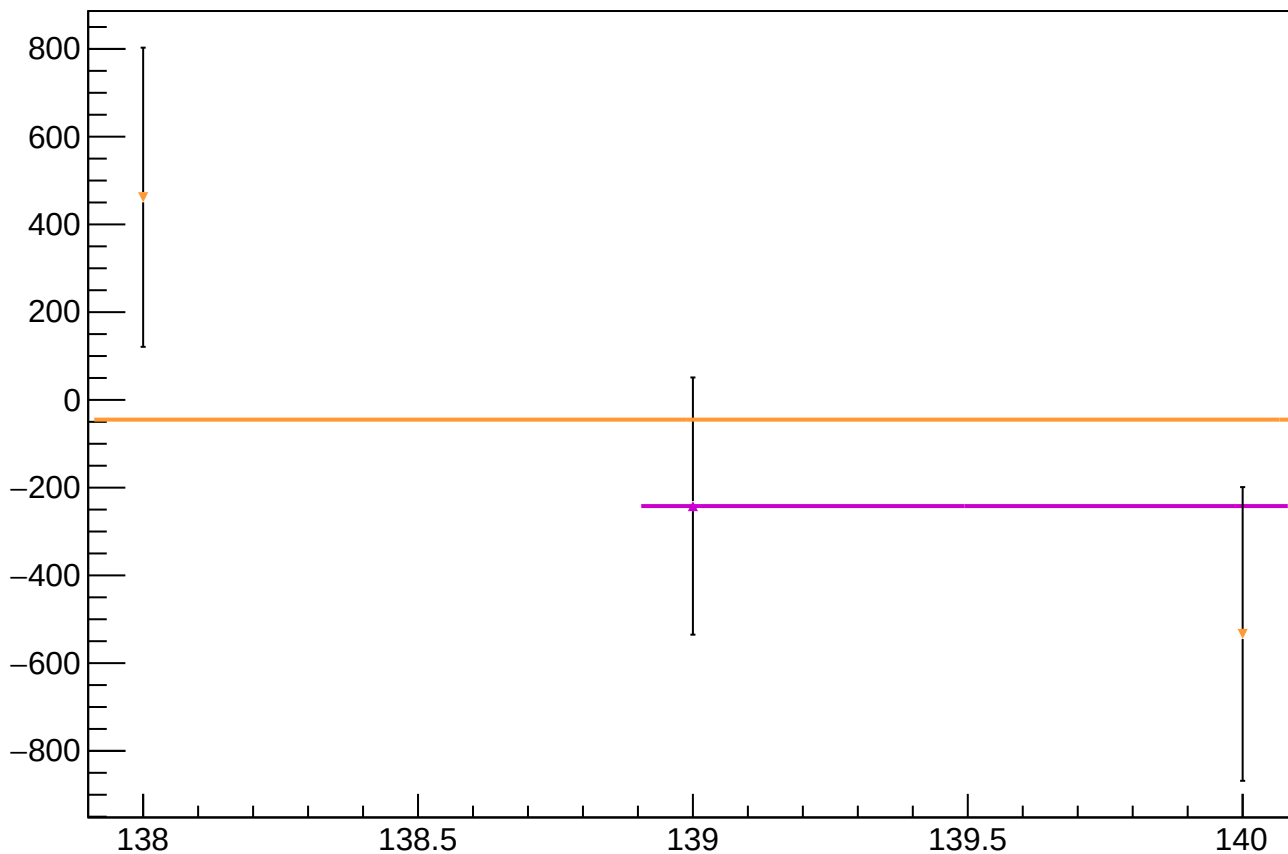
Right: 86.844 ± 0.017 $\chi^2/\text{NDF}: 2639723.0/35$

In: 84.357 ± 0.023 $\chi^2/\text{NDF}: 1066474.7/17$

Out: 86.495 ± 0.022 $\chi^2/\text{NDF}: 1610730.5/20$

All: 85.457 ± 0.016 $\chi^2/\text{NDF}: 2681830.0/38$

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: -44.952+/-238.847 χ^2/NDF : 4.3/1

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

Left In: -241.981+/-293.121 χ^2/NDF : 0.0/0

Left: -123.572+/-185.160 χ^2/NDF : 4.6/2

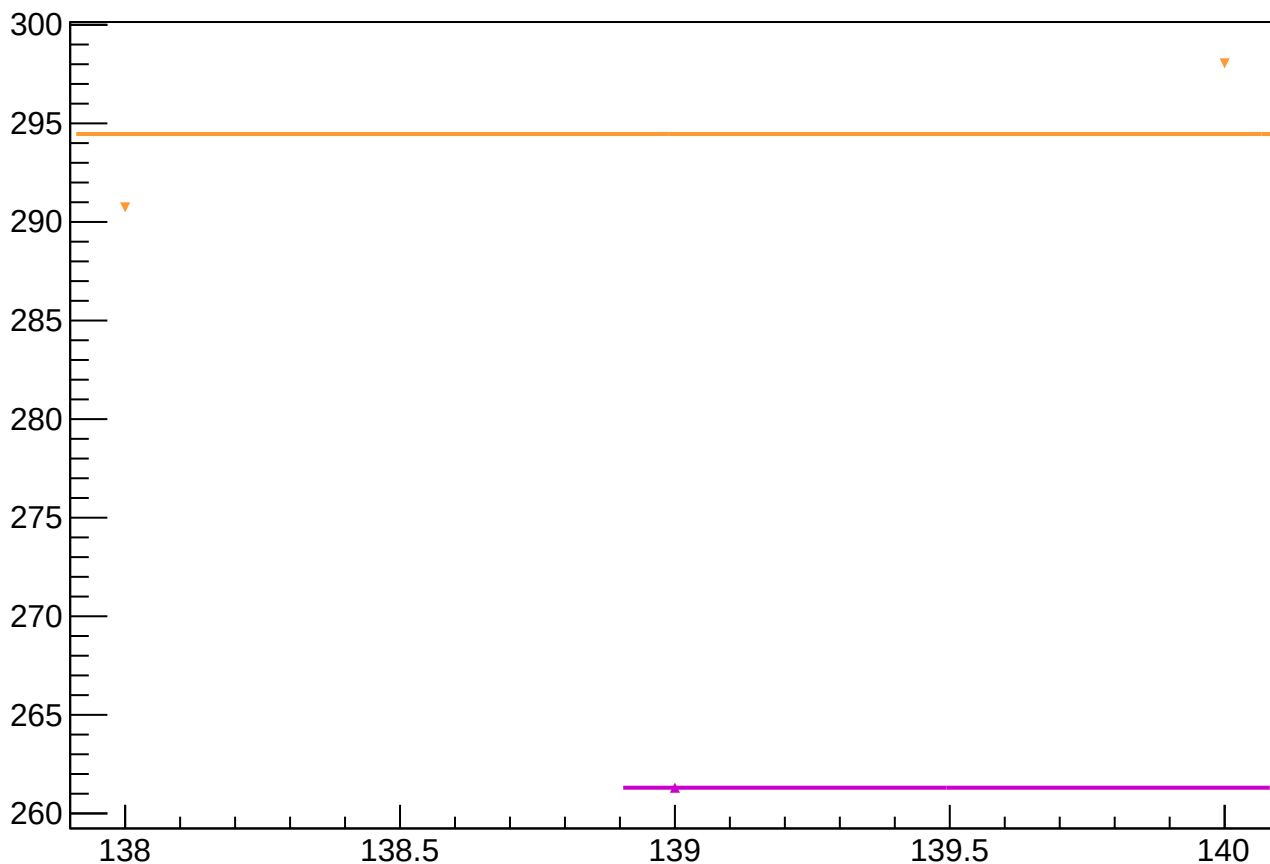
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -241.981+/-293.121 χ^2/NDF : 0.0/0

Out: -44.952+/-238.847 χ^2/NDF : 4.3/1

All: -123.572+/-185.160 χ^2/NDF : 4.6/2

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 294.460+/-0.169 χ^2/NDF : 467.7/1

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

Left In: 261.305+/-0.207 χ^2/NDF : 0.0/0

Left: 281.230+/-0.131 χ^2/NDF : 15845.3/2

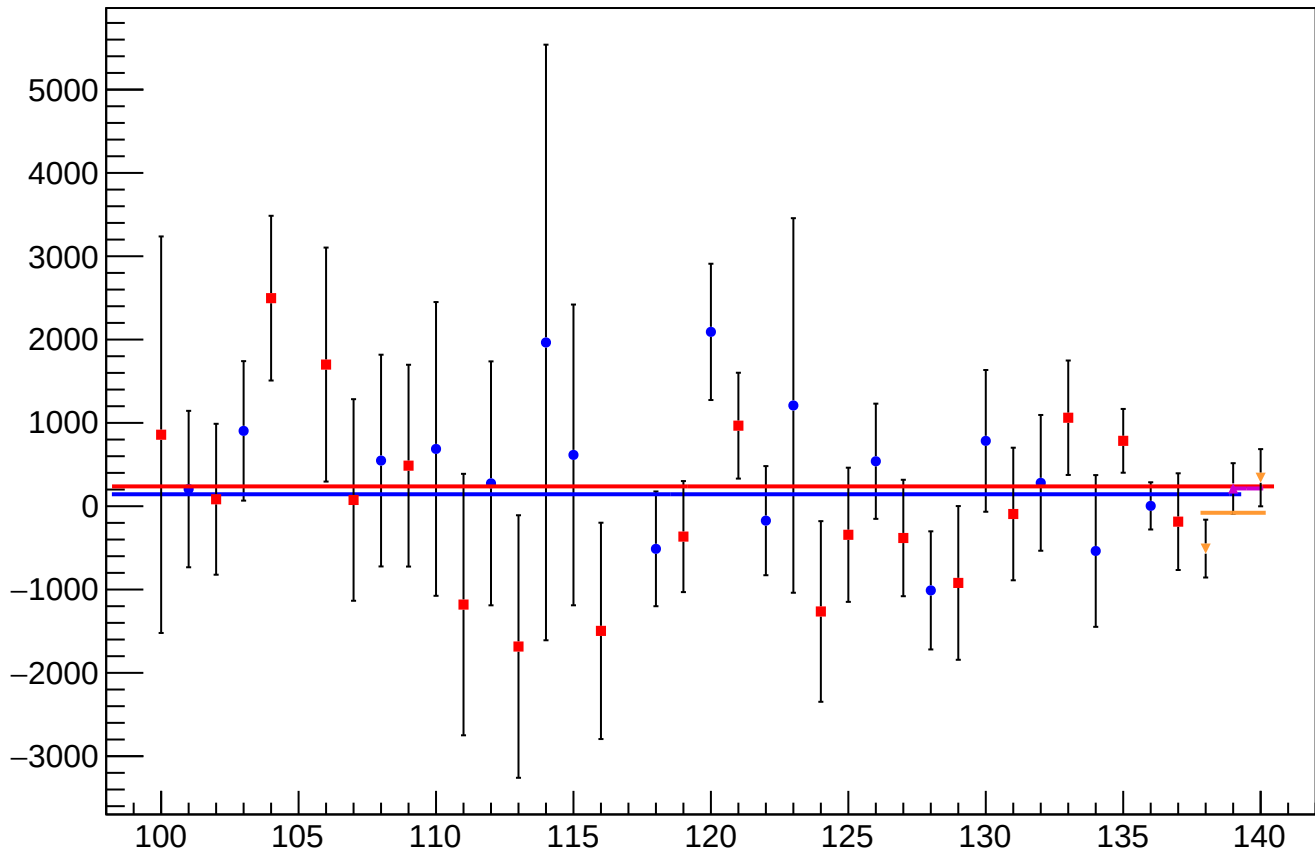
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 261.305+/-0.207 χ^2/NDF : 0.0/0

Out: 294.460+/-0.169 χ^2/NDF : 467.7/1

All: 281.230+/-0.131 χ^2/NDF : 15845.3/2

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -78.830 $\pm$ 244.011 χ^2 /NDF:3.0/1

Right Out: 237.821 $\pm$ 183.995 χ^2 /NDF: 21.7/18

Left In: 213.041 $\pm$ 303.453 χ^2 /NDF:0.0/0

Left: 35.785 $\pm$ 190.158 χ^2 /NDF: 3.6/2

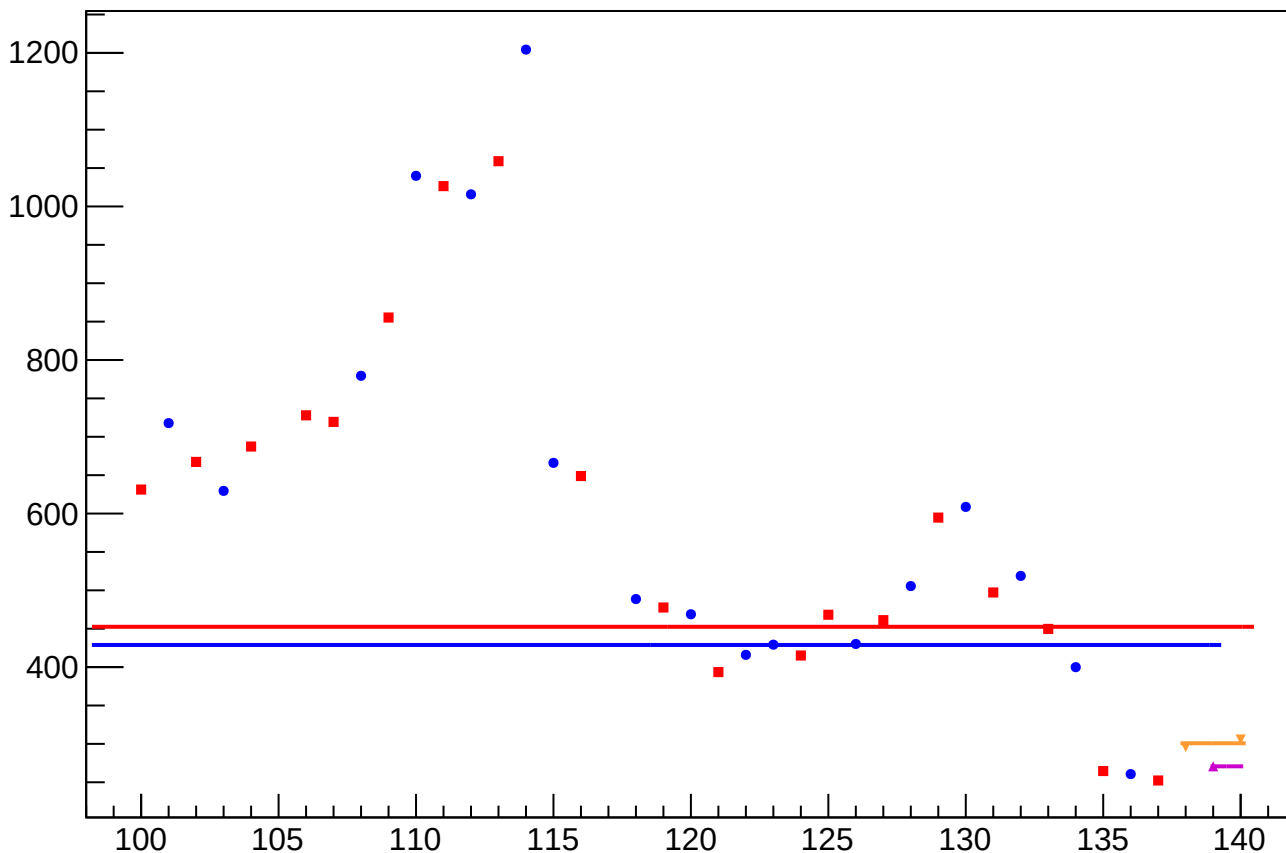
Right: 189.418 $\pm$ 128.389 χ^2 /NDF: 34.6/35

In: 161.476 $\pm$ 154.327 χ^2 /NDF:12.8/17

Out: 123.041 $\pm$ 146.910 χ^2 /NDF:25.8/20

All: 141.313 $\pm$ 106.407 χ^2 /NDF: 38.6/38

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF : 2012329.6/16

Left Out: 300.802+/-0.173 χ^2/NDF : 832.4/1

Right Out: 452.517+/-0.130 χ^2/NDF : 2039238.5/18

Left In: 270.760+/-0.215 χ^2/NDF : 0.0/0

Left: 289.005+/-0.134 χ^2/NDF : 12736.8/2

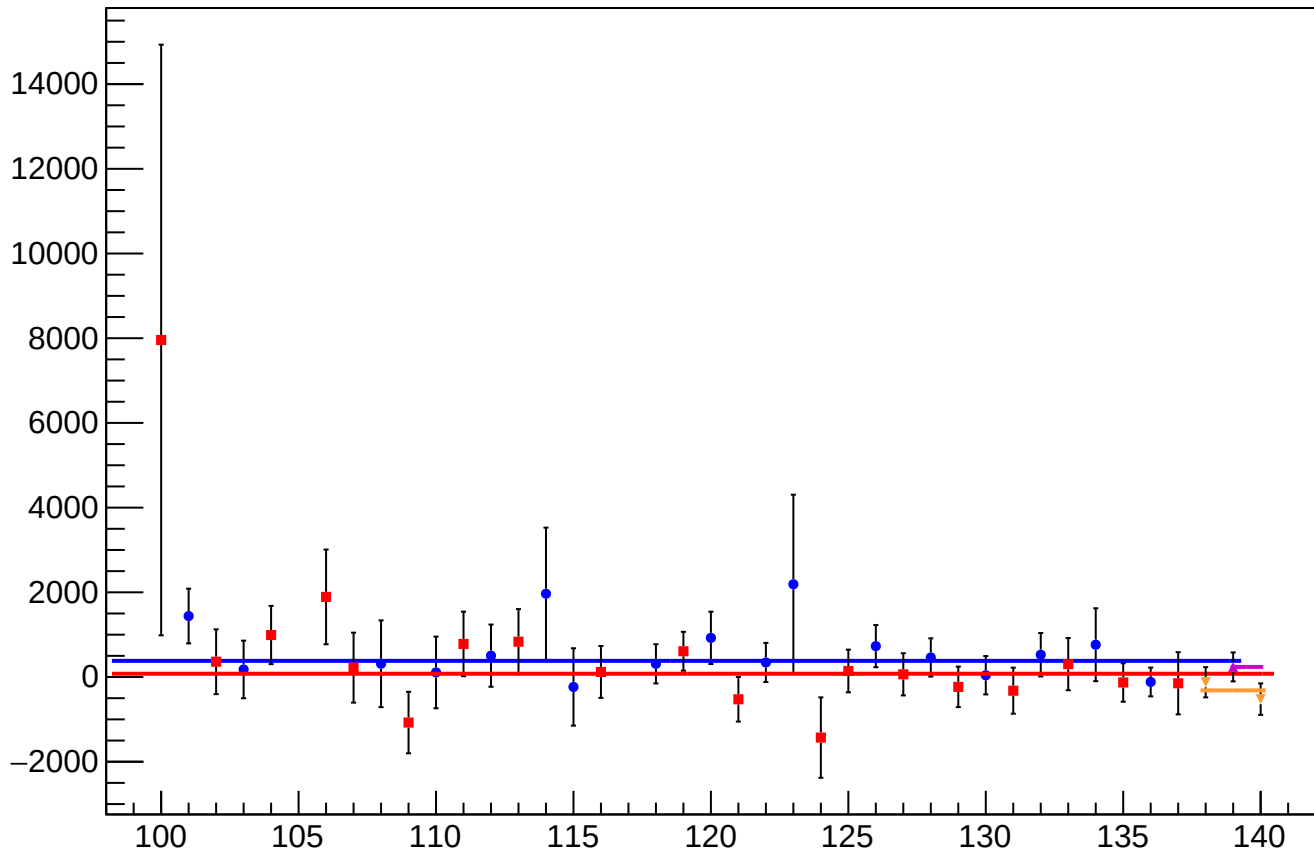
Right: 440.377+/-0.091 χ^2/NDF : 4068538.6/35

In: 387.965+/-0.109 χ^2/NDF : 2414784.1/17

Out: 397.523+/-0.104 χ^2/NDF : 2532977.2/20

All: 392.980+/-0.075 χ^2/NDF : 4951785.6/38

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893 ± 141.192 χ^2/NDF : 9.4/16

Left Out: -314.995 ± 257.452 χ^2/NDF : 0.6/1

Right Out: 77.490 ± 143.469 χ^2/NDF : 16.8/18

Left In: 238.577 ± 342.110 χ^2/NDF : 0.0/0

Left: -114.845 ± 205.710 χ^2/NDF : 2.3/2

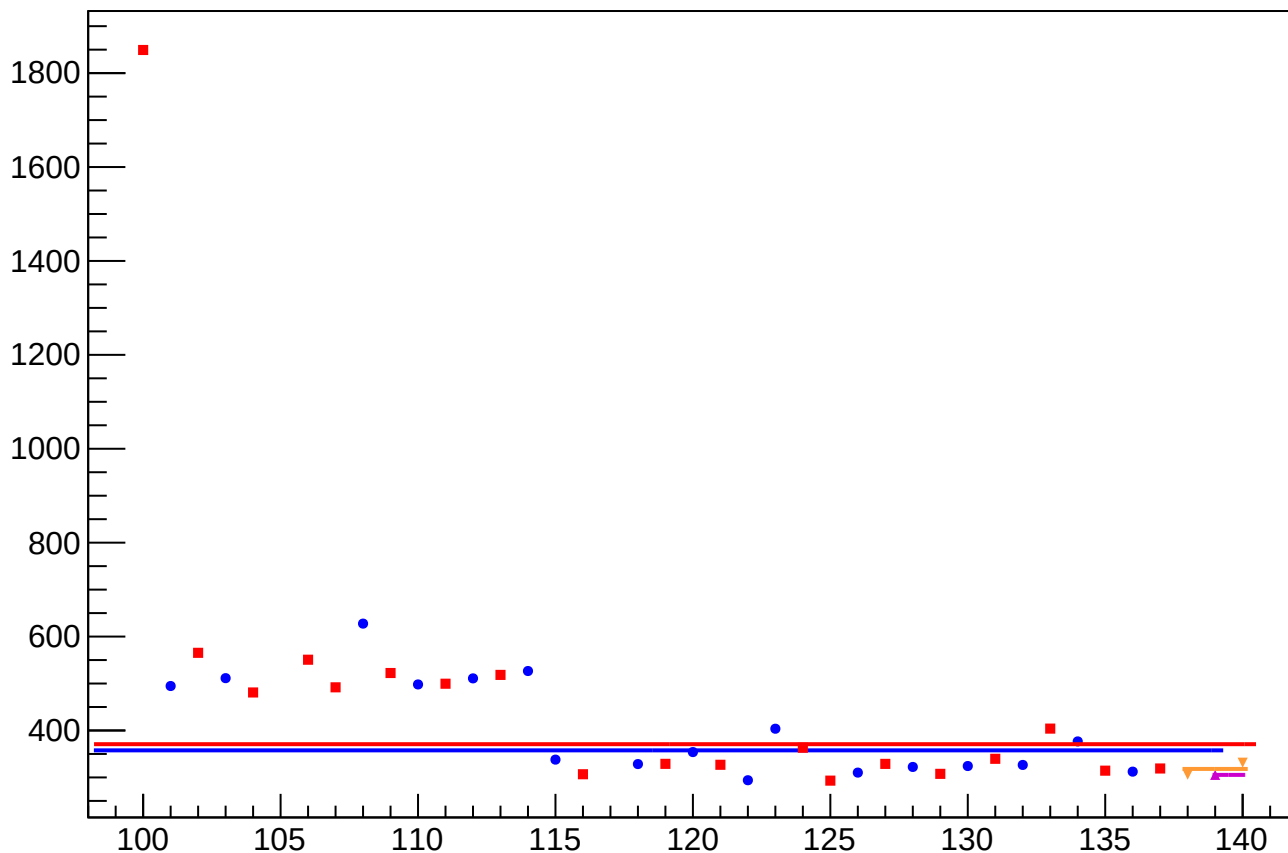
Right: 232.126 ± 100.633 χ^2/NDF : 28.5/35

In: 361.035 ± 130.514 χ^2/NDF : 9.6/17

Out: -15.512 ± 125.323 χ^2/NDF : 19.1/20

All: 165.125 ± 90.396 χ^2/NDF : 33.0/38

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF : 629671.7/16

Left Out: 318.093+/-0.182 χ^2/NDF : 4903.2/1

Right Out: 370.794+/-0.101 χ^2/NDF : 784786.3/18

Left In: 305.407+/-0.242 χ^2/NDF : 0.0/0

Left: 313.507+/-0.145 χ^2/NDF : 6659.0/2

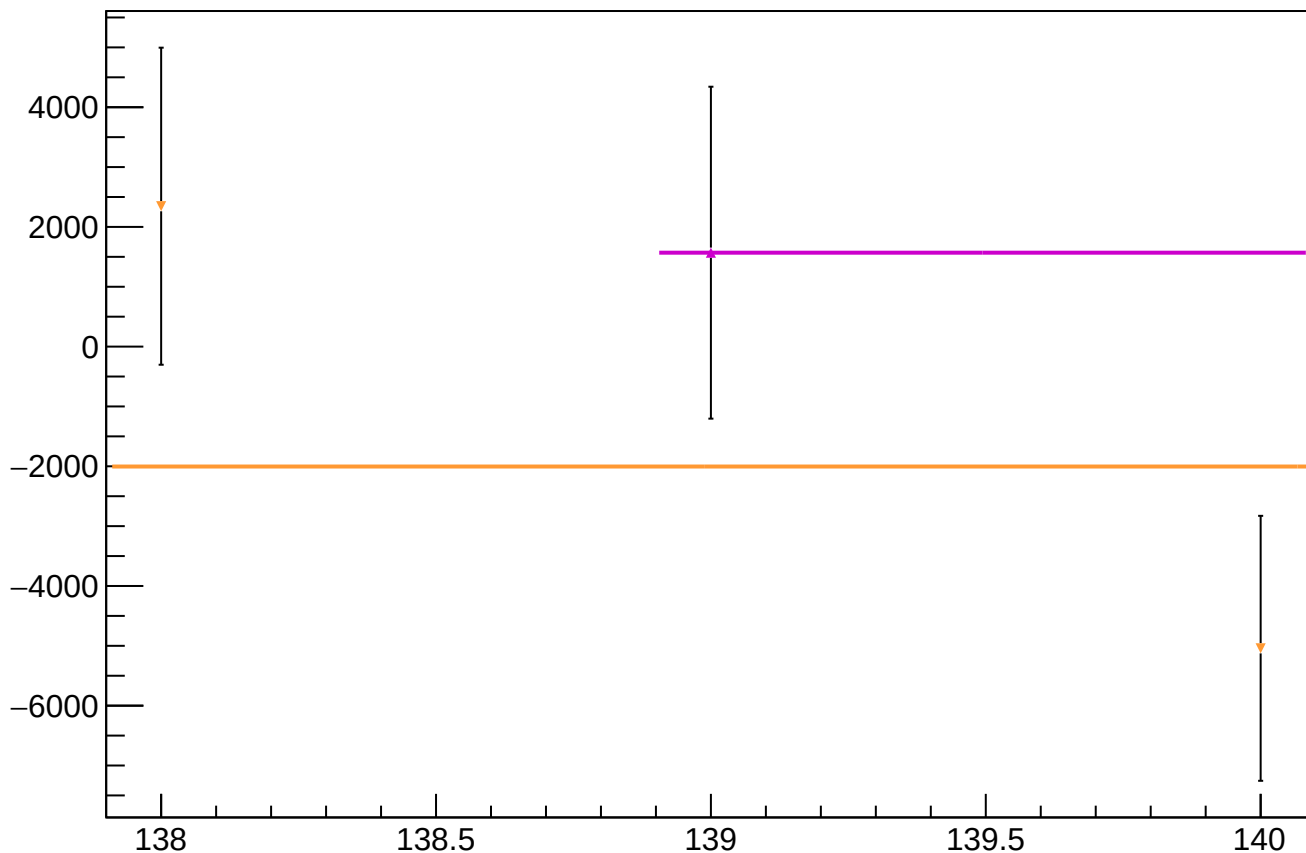
Right: 364.124+/-0.071 χ^2/NDF : 1422966.9/35

In: 350.059+/-0.092 χ^2/NDF : 669544.7/17

Out: 358.306+/-0.089 χ^2/NDF : 853635.8/20

All: 354.350+/-0.064 χ^2/NDF : 1527335.5/38

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -2003.836+/-1698.737 χ^2/NDF : 4.6/1

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

Left In: 1569.396+/-2773.272 χ^2/NDF : 0.0/0

Left: -1028.933+/-1448.580 χ^2/NDF : 5.8/2

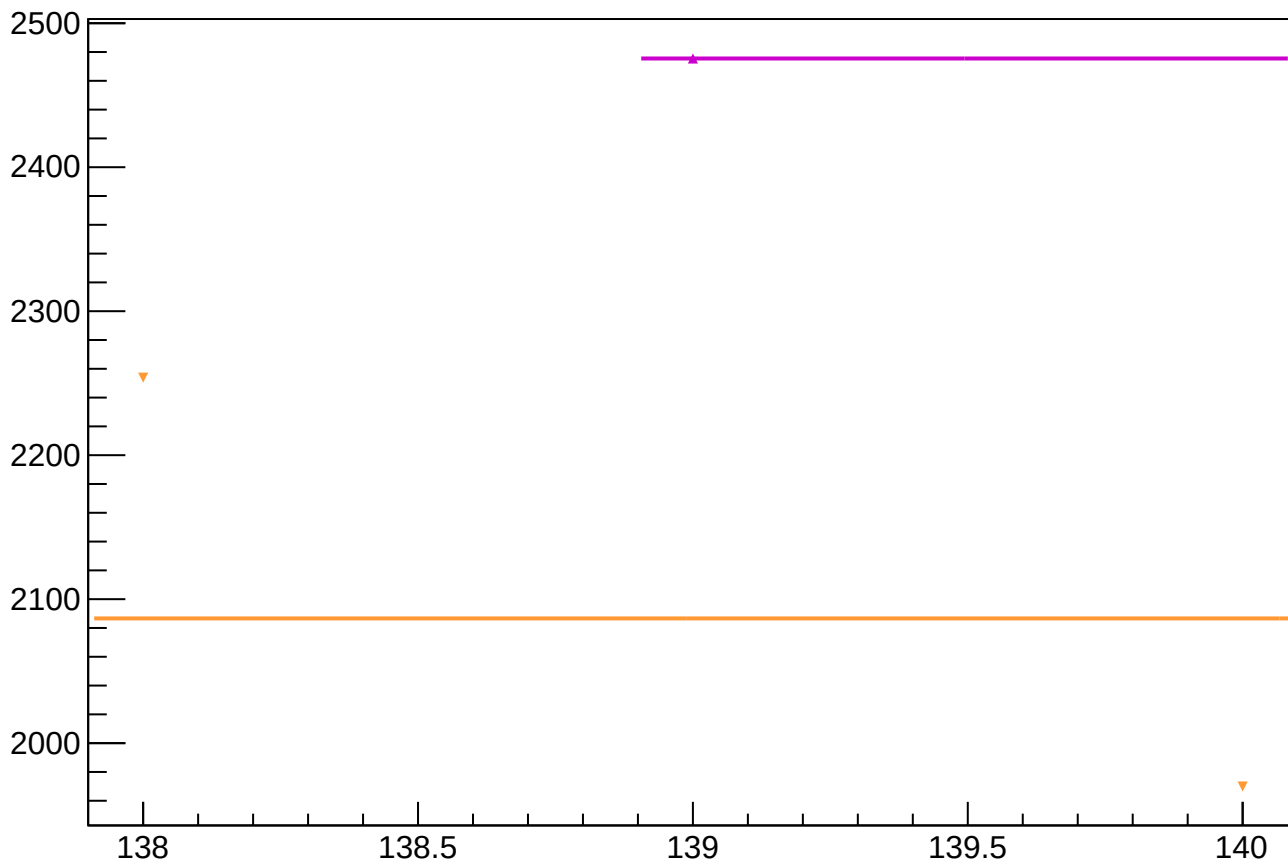
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1569.396+/-2773.272 χ^2/NDF : 0.0/0

Out: -2003.836+/-1698.737 χ^2/NDF : 4.6/1

All: -1028.933+/-1448.580 χ^2/NDF : 5.8/2

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2086.637+/-1.201 χ^2/NDF :13531.7/1

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

Left In: 2475.504+/-1.961 χ^2/NDF :0.0/0

Left: 2192.734+/-1.024 χ^2/NDF : 42126.1/2

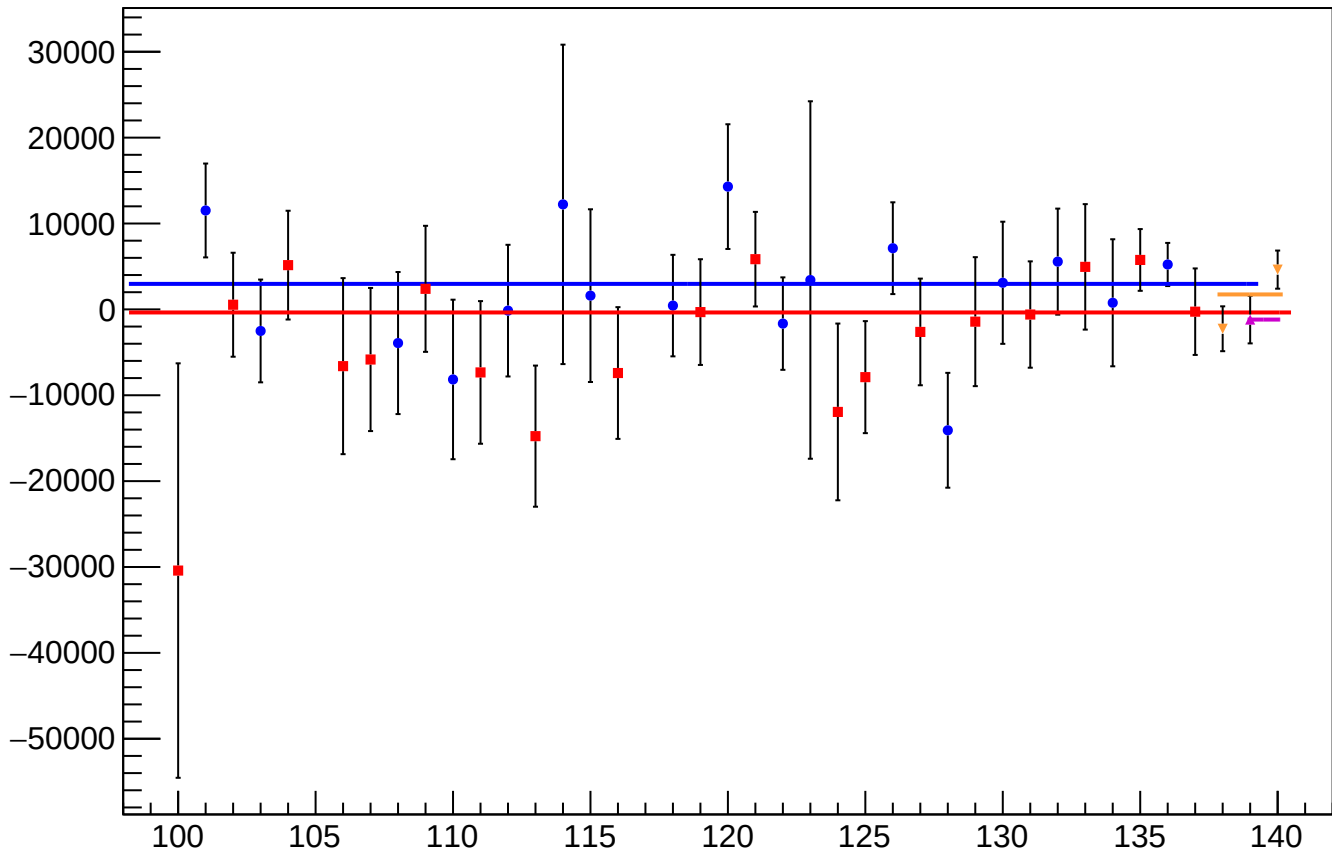
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2475.504+/-1.961 χ^2/NDF :0.0/0

Out: 2086.637+/-1.201 χ^2/NDF :13531.7/1

All: 2192.734+/-1.024 χ^2/NDF : 42126.1/2

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Left Out: 1741.023+/-1691.870 χ^2/NDF : 4.0/1

Right Out: -358.685+/-1507.064 χ^2/NDF : 15.3/18

Left In: -1187.257+/-2772.991 χ^2/NDF : 0.0/0

Left: 946.666+/-1444.275 χ^2/NDF : 4.8/2

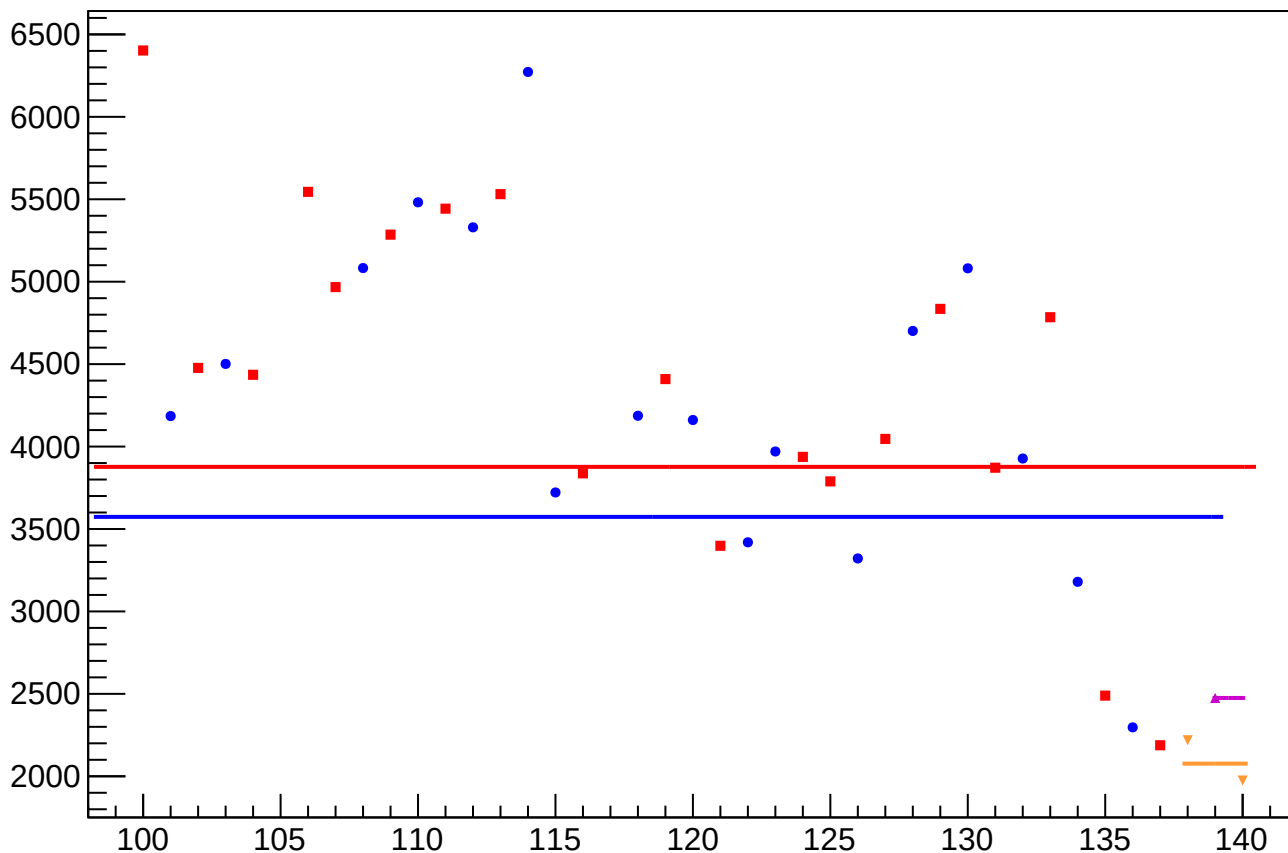
Right: 1380.346+/-1041.320 χ^2/NDF : 35.3/35

In: 2085.870+/-1278.303 χ^2/NDF : 19.1/17

Out: 570.270+/-1125.343 χ^2/NDF : 20.2/20

All: 1232.012+/-844.667 χ^2/NDF : 40.2/38

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF : 1088731.5/16

Left Out: 2076.699+/-1.196 χ^2/NDF : 10159.4/1

Right Out: 3876.914+/-1.066 χ^2/NDF : 988409.8/18

Left In: 2475.171+/-1.961 χ^2/NDF : 0.0/0

Left: 2184.793+/-1.021 χ^2/NDF : 40254.4/2

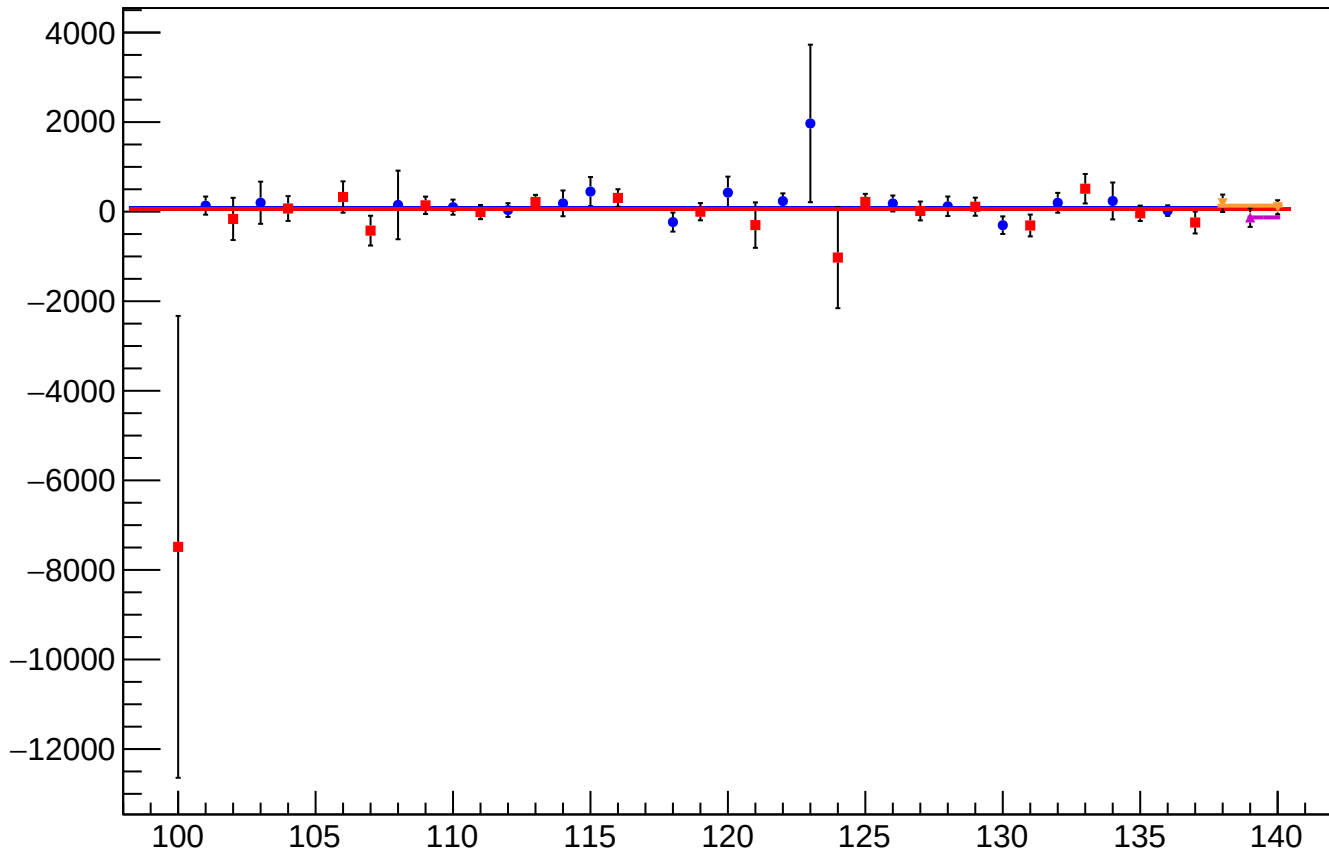
Right: 3718.342+/-0.736 χ^2/NDF : 2119512.7/35

In: 3340.075+/-0.904 χ^2/NDF : 1335802.6/17

Out: 3080.461+/-0.796 χ^2/NDF : 2261126.7/20

All: 3193.814+/-0.597 χ^2/NDF : 3643404.5/38

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 133.550+/-122.316 χ^2/NDF : 0.1/1

Right Out: 59.008+/-53.165 χ^2/NDF : 16.4/18

Left In: -128.728+/-211.337 χ^2/NDF : 0.0/0

Left: 67.738+/-105.864 χ^2/NDF : 1.3/2

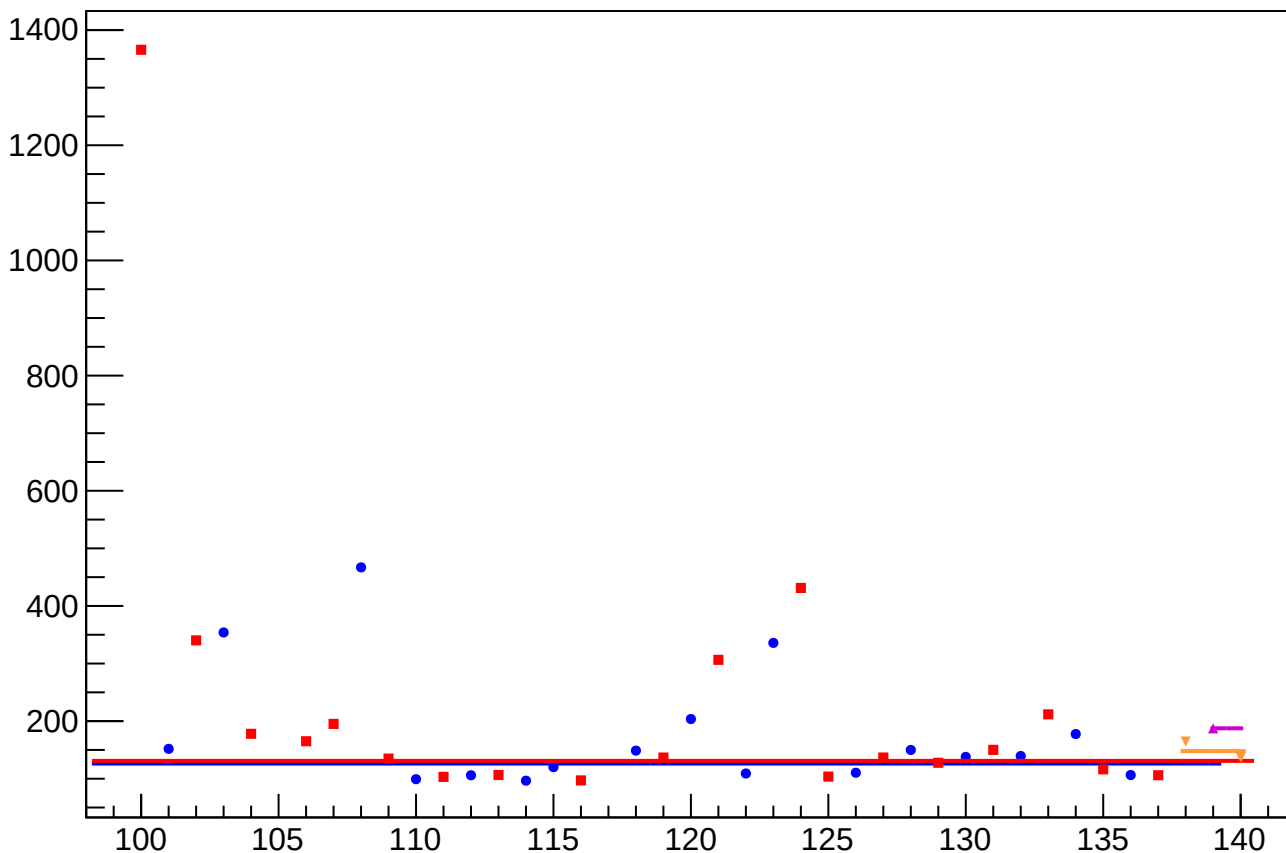
Right: 70.703+/-37.141 χ^2/NDF : 28.1/35

In: 69.870+/-50.409 χ^2/NDF : 12.5/17

Out: 70.853+/-48.759 χ^2/NDF : 16.9/20

All: 70.378+/-35.046 χ^2/NDF : 29.3/38

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF : 1310585.0/16

Left Out: 147.894+/-0.086 χ^2/NDF : 24472.9/1

Right Out: 131.007+/-0.038 χ^2/NDF : 1429260.8/18

Left In: 187.547+/-0.149 χ^2/NDF : 0.0/0

Left: 157.844+/-0.075 χ^2/NDF : 77214.7/2

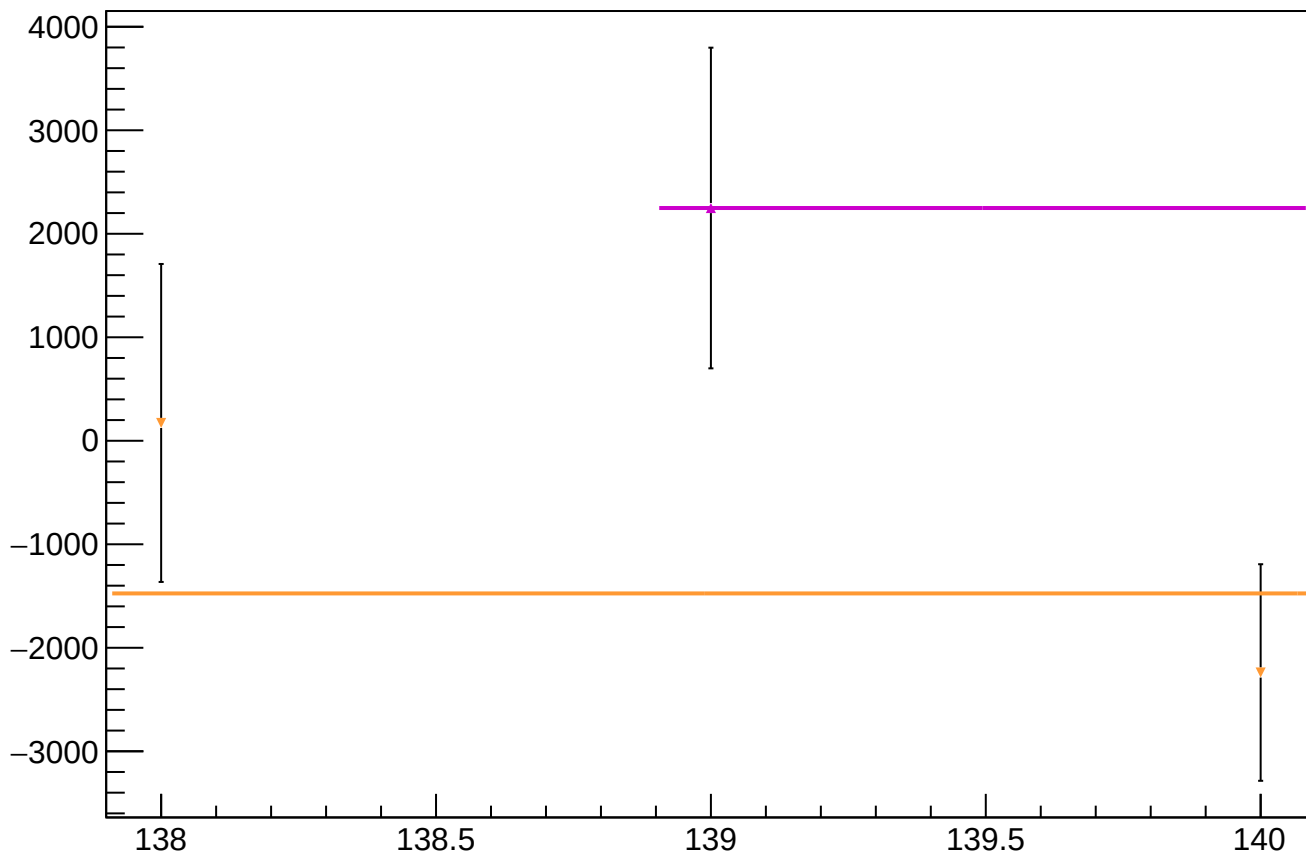
Right: 128.617+/-0.026 χ^2/NDF : 2747739.0/35

In: 129.822+/-0.036 χ^2/NDF : 1468803.4/17

Out: 133.691+/-0.034 χ^2/NDF : 1485798.0/20

All: 131.820+/-0.025 χ^2/NDF : 2960688.2/38

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -1474.881 $\pm$ 864.715 χ^2/NDF : 1.7/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 2248.892 $\pm$ 1549.192 χ^2/NDF : 0.0/0

Left: -590.310 $\pm$ 755.057 χ^2/NDF : 6.1/2

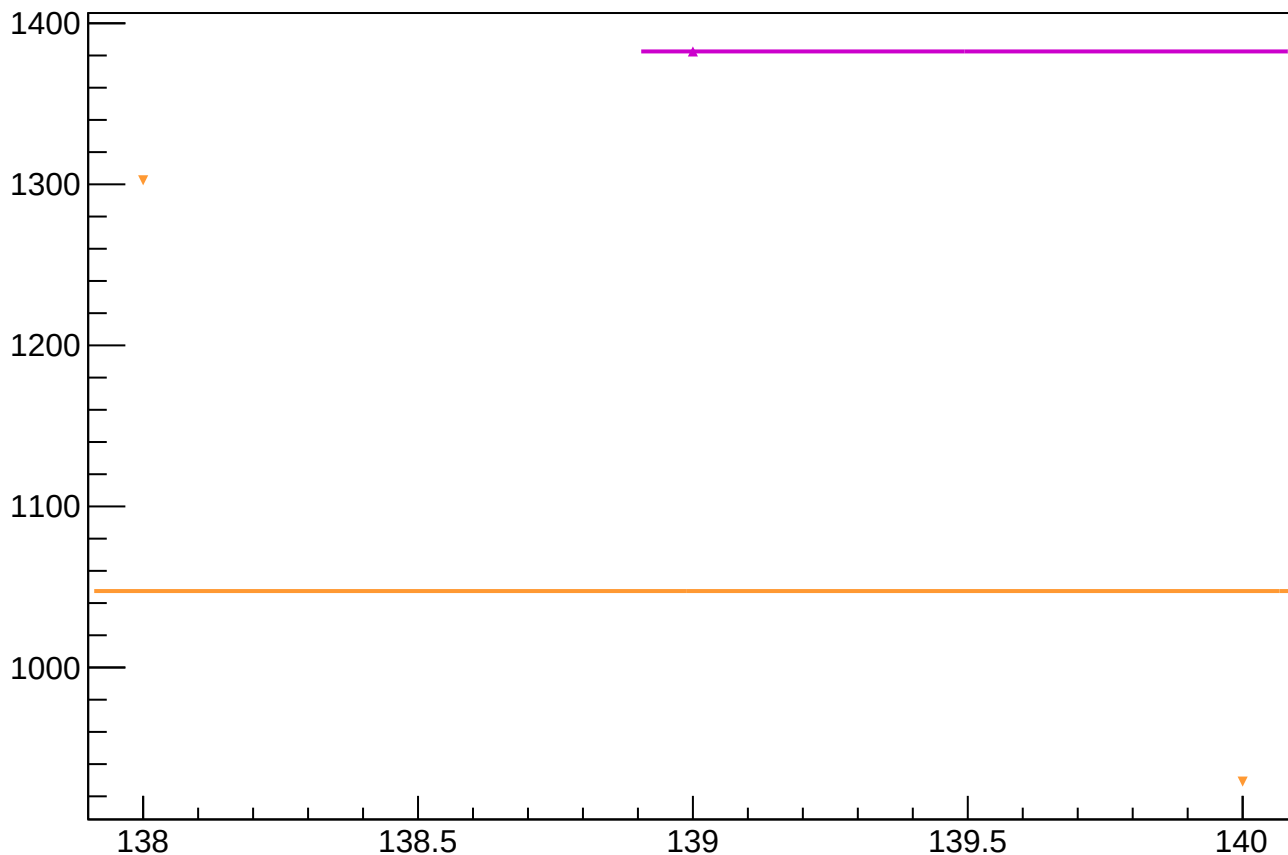
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 2248.892 $\pm$ 1549.192 χ^2/NDF : 0.0/0

Out: -1474.881 $\pm$ 864.715 χ^2/NDF : 1.7/1

All: -590.310 $\pm$ 755.057 χ^2/NDF : 6.1/2

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 1047.456+/-0.611 χ^2/NDF :80712.3/1

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

Left In: 1382.519+/-1.095 χ^2/NDF :0.0/0

Left: 1127.049+/-0.534 χ^2/NDF : 152044.4/2

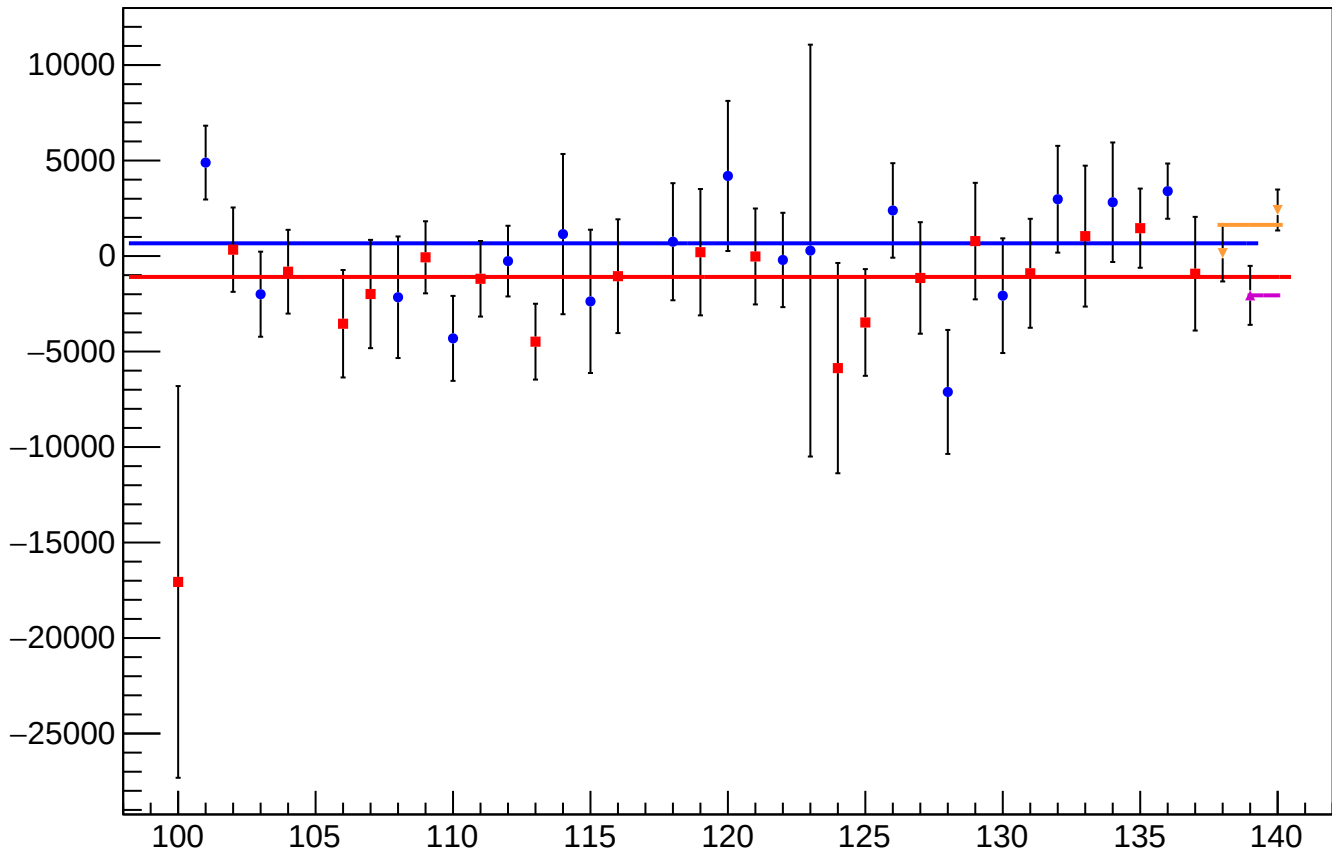
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1382.519+/-1.095 χ^2/NDF :0.0/0

Out: 1047.456+/-0.611 χ^2/NDF :80712.3/1

All: 1127.049+/-0.534 χ^2/NDF : 152044.4/2

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453 ± 618.839 χ^2/NDF : 25.6/16

Left Out: 1632.356 ± 868.282 χ^2/NDF : 1.5/1

Right Out: -1094.278 ± 602.639 χ^2/NDF : 11.0/18

Left In: -2058.733 ± 1543.896 χ^2/NDF : 0.0/0

Left: 745.427 ± 756.807 χ^2/NDF : 5.9/2

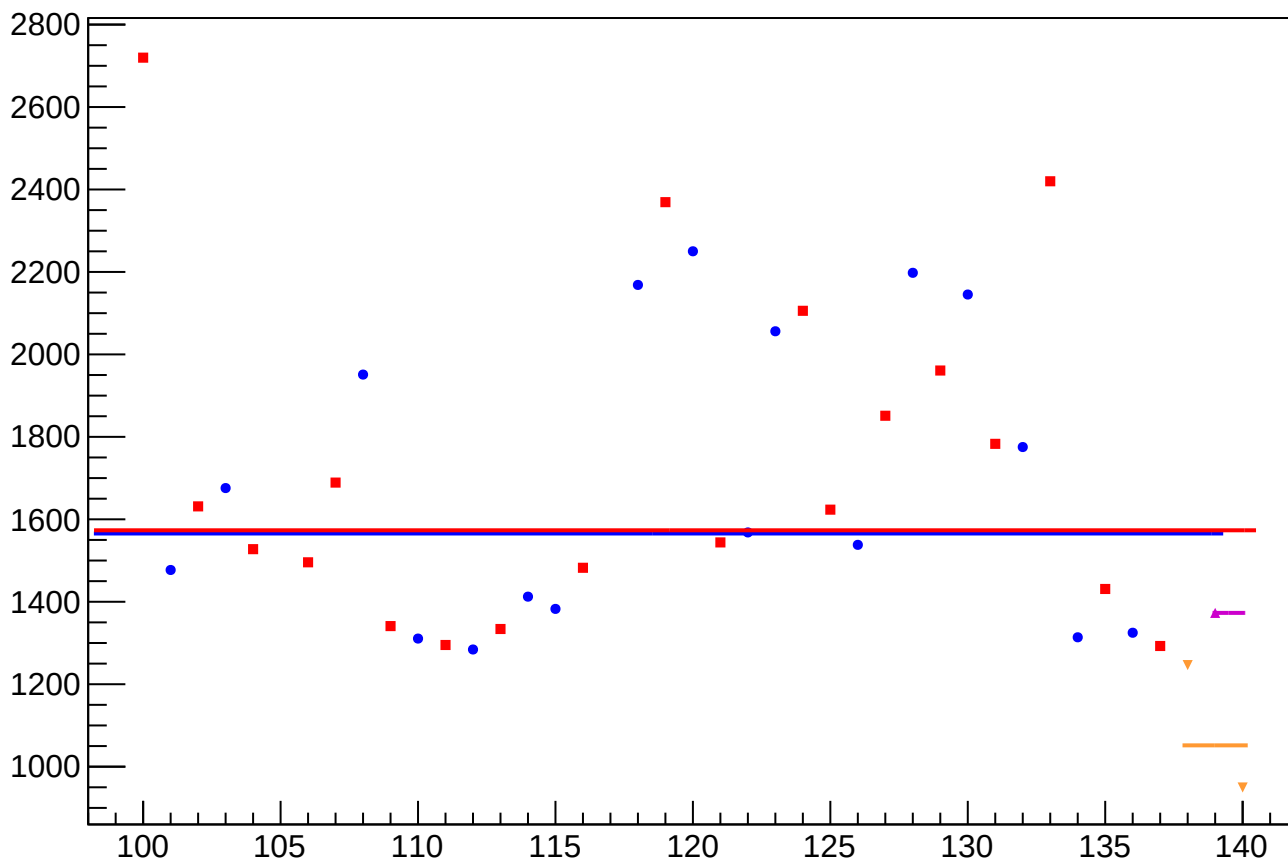
Right: -237.260 ± 431.744 χ^2/NDF : 40.8/35

In: 289.221 ± 574.413 χ^2/NDF : 28.3/17

Out: -207.828 ± 495.079 χ^2/NDF : 19.2/20

All: 4.027 ± 375.012 χ^2/NDF : 47.9/38

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF : 490790.2/16

Left Out: 1051.725+/-0.614 χ^2/NDF : 52776.5/1

Right Out: 1573.366+/-0.426 χ^2/NDF : 462040.3/18

Left In: 1373.026+/-1.092 χ^2/NDF : 0.0/0

Left: 1128.930+/-0.535 χ^2/NDF : 118582.7/2

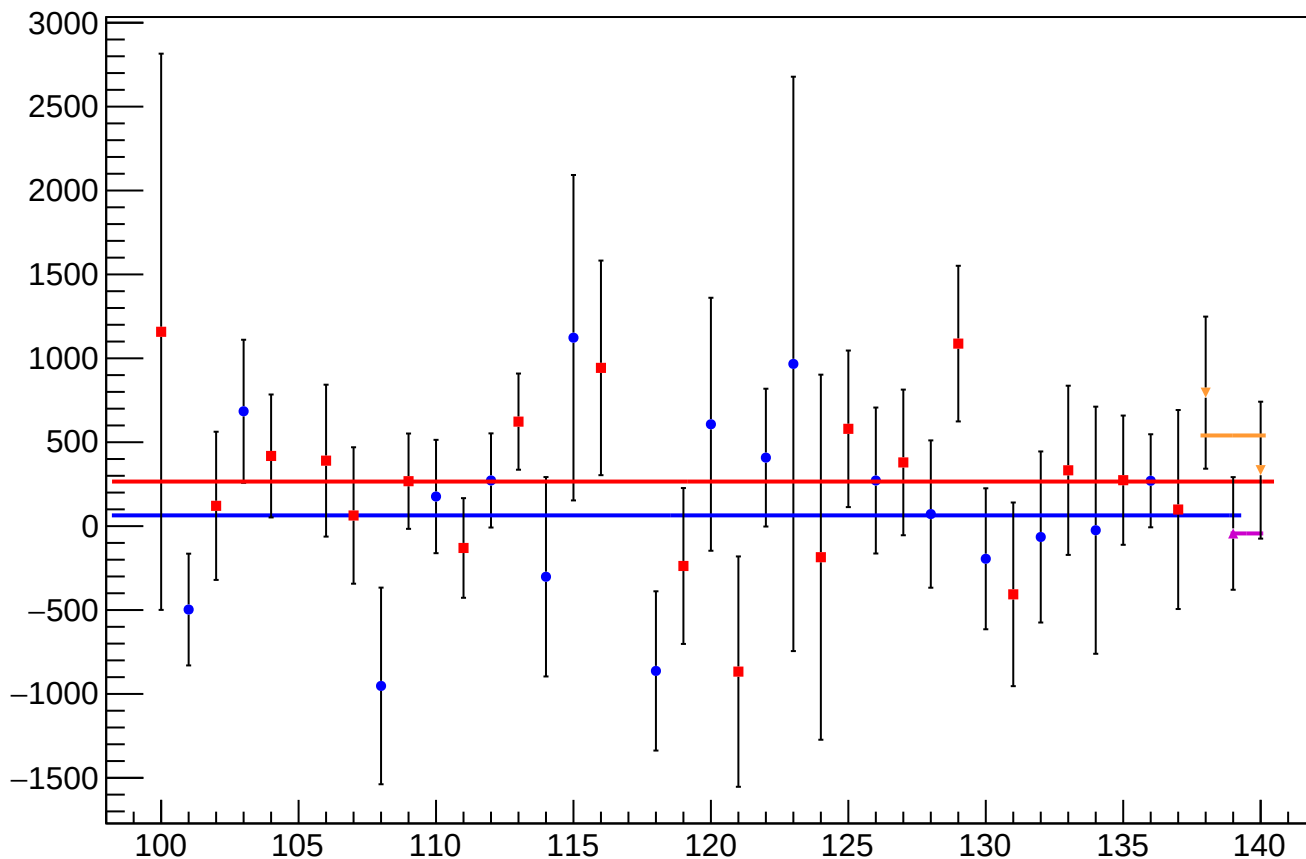
Right: 1569.597+/-0.305 χ^2/NDF : 952991.2/35

In: 1538.963+/-0.406 χ^2/NDF : 517605.6/17

Out: 1403.776+/-0.350 χ^2/NDF : 1001991.6/20

All: 1461.396+/-0.265 χ^2/NDF : 1583157.9/38

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF : 16.8/16

Left Out: 540.328+/-303.223 χ^2/NDF : 0.6/1

Right Out: 265.661+/-99.379 χ^2/NDF : 14.7/18

Left In: -43.570+/-335.621 χ^2/NDF : 0.0/0

Left: 277.915+/-224.996 χ^2/NDF : 2.2/2

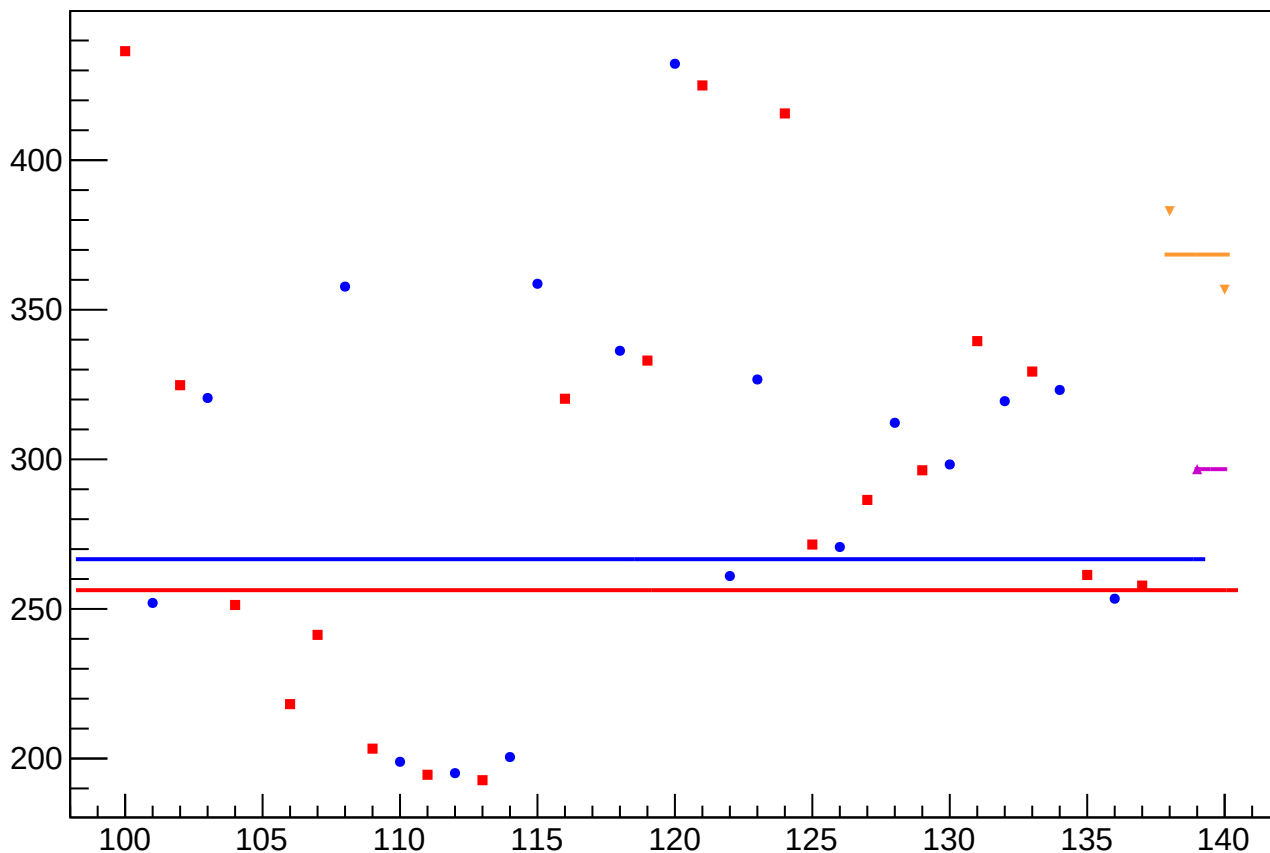
Right: 170.735+/-72.286 χ^2/NDF : 33.4/35

In: 54.433+/-100.503 χ^2/NDF : 16.8/17

Out: 292.303+/-94.437 χ^2/NDF : 16.0/20

All: 180.763+/-68.821 χ^2/NDF : 35.8/38

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 368.449 $\pm$ 0.214 χ^2 /NDF: 3708.9/1

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

Left In: 296.722 $\pm$ 0.237 χ^2 /NDF: 0.0/0

Left: 336.213 $\pm$ 0.159 χ^2 /NDF: 54003.2/2

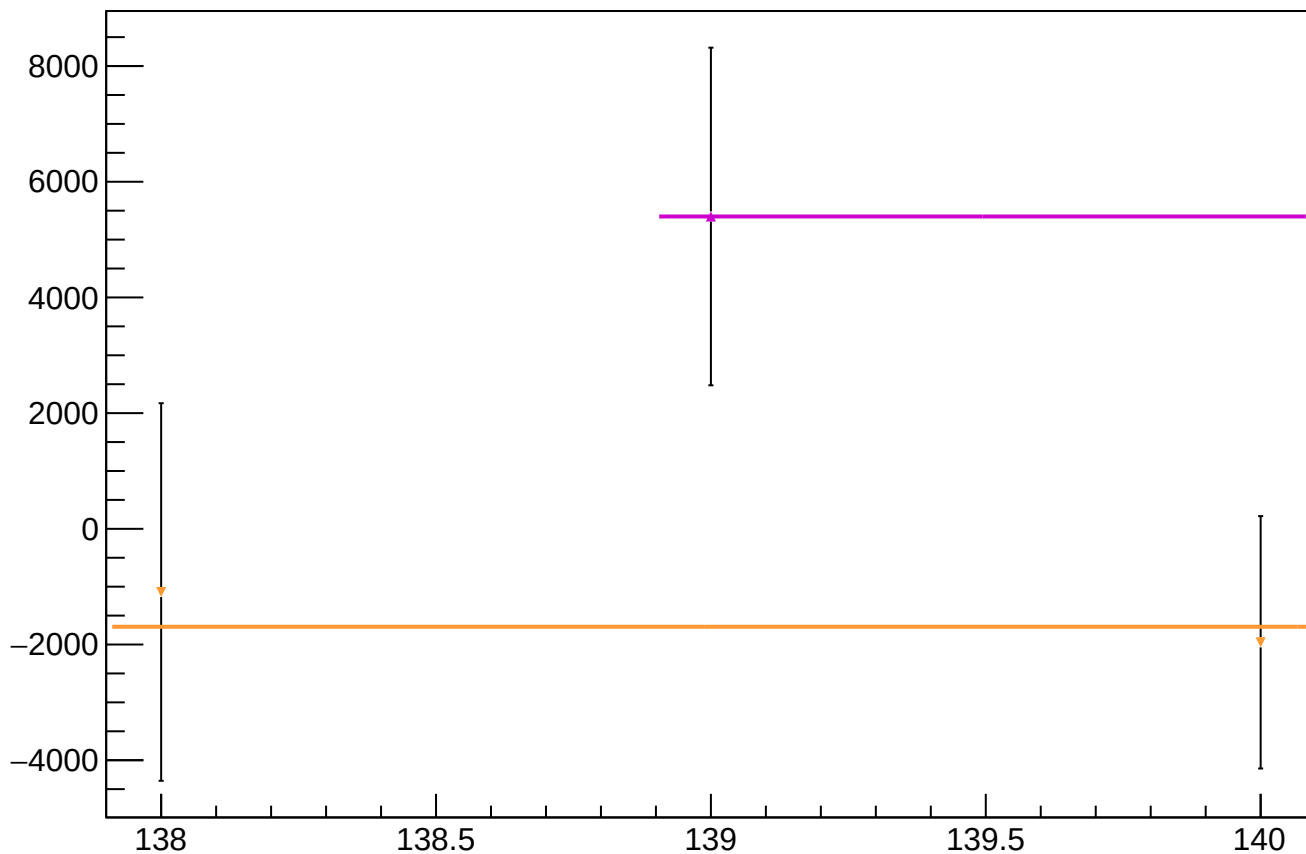
Right: 261.145 $\pm$ 0.051 χ^2 /NDF: 1257876.6/35

In: 269.323 $\pm$ 0.071 χ^2 /NDF: 565394.0/17

Out: 267.149 $\pm$ 0.067 χ^2 /NDF: 947793.6/20

All: 268.169 $\pm$ 0.049 χ^2 /NDF: 1513684.6/38

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -1693.174 $\pm$ 1813.686 χ^2/NDF : 0.0/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 5399.468 $\pm$ 2918.477 χ^2/NDF : 0.0/0

Left: 282.859 $\pm$ 1540.456 χ^2/NDF : 4.3/2

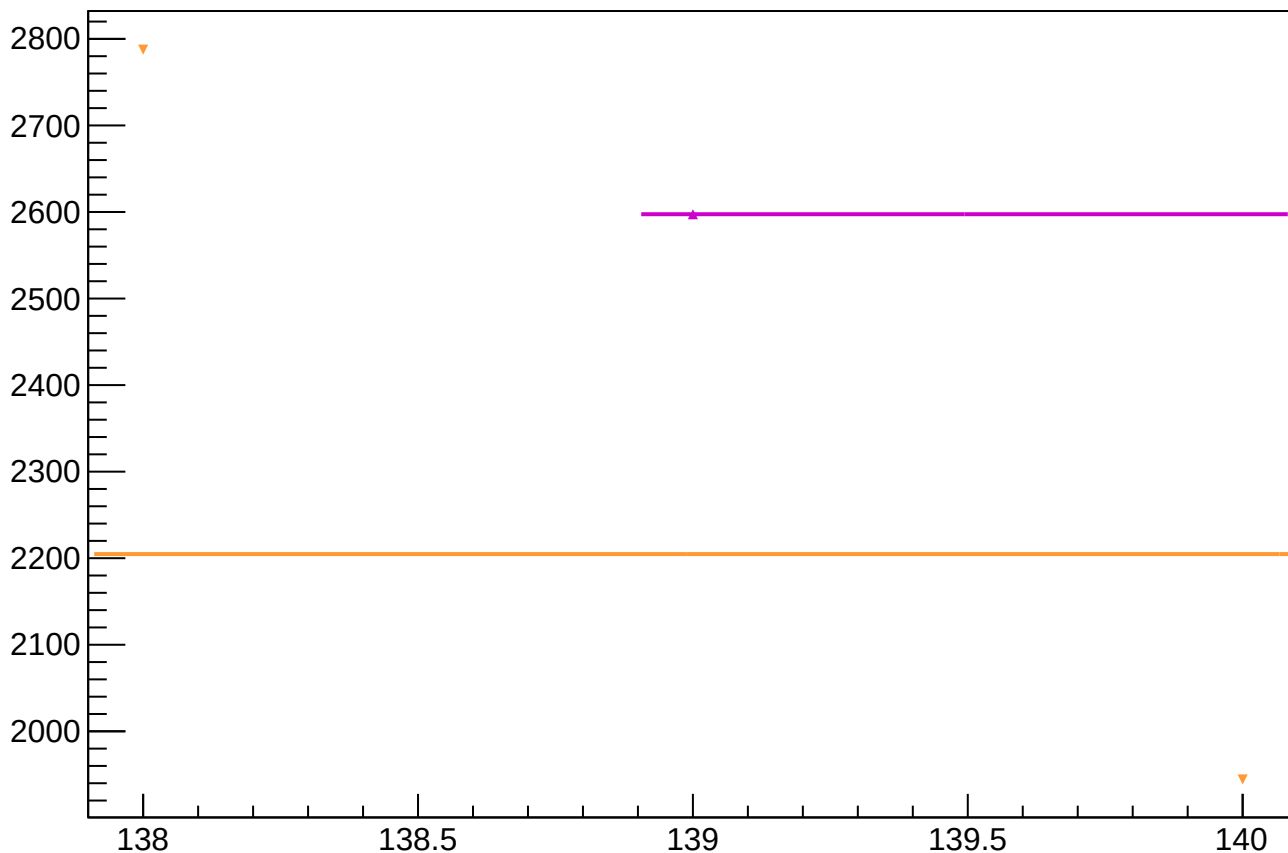
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 5399.468 $\pm$ 2918.477 χ^2/NDF : 0.0/0

Out: -1693.174 $\pm$ 1813.686 χ^2/NDF : 0.0/1

All: 282.859 $\pm$ 1540.456 χ^2/NDF : 4.3/2

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2204.745+/-1.282 χ^2/NDF :92266.3/1

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

Left In: 2597.425+/-2.064 χ^2/NDF :0.0/0

Left: 2314.147+/-1.089 χ^2/NDF : 118386.1/2

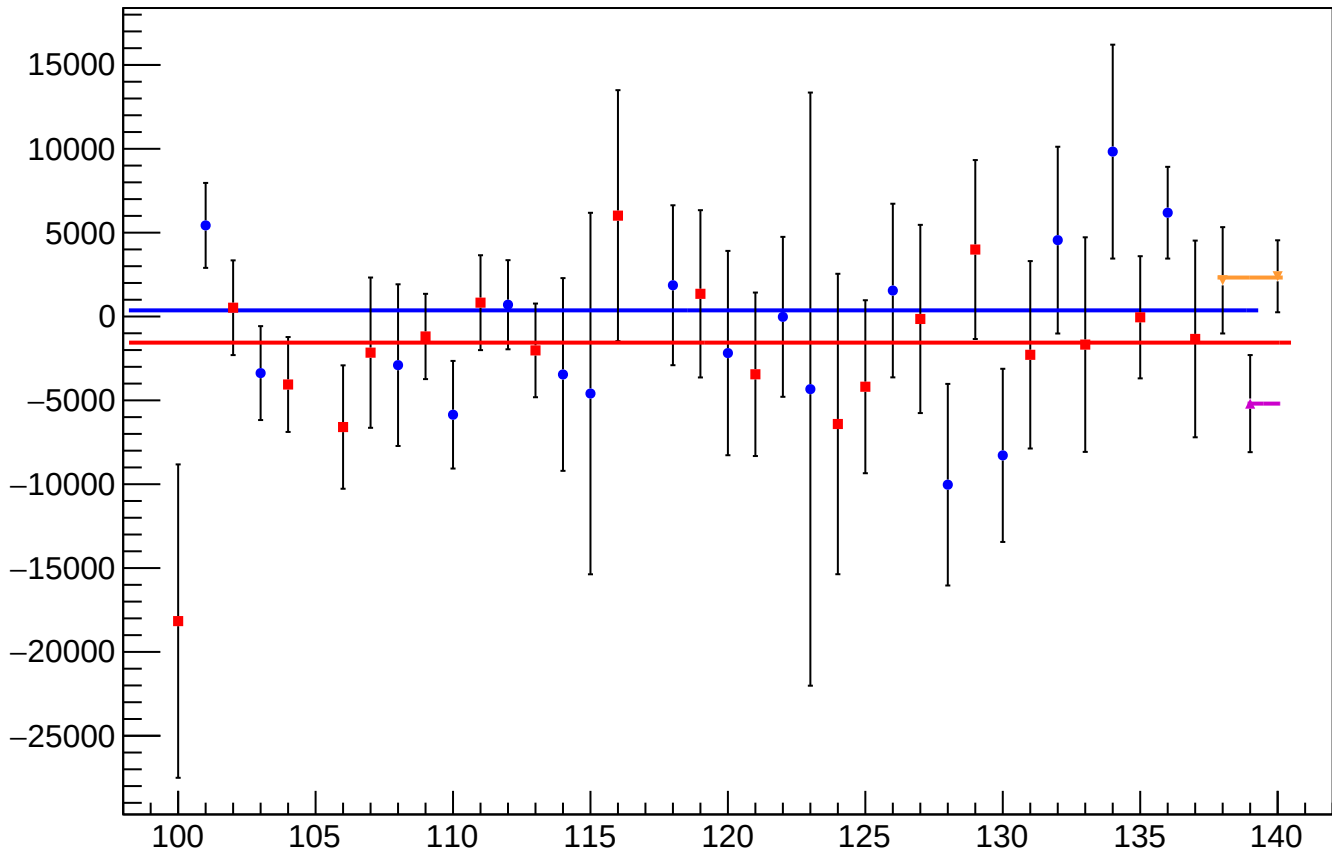
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2597.425+/-2.064 χ^2/NDF :0.0/0

Out: 2204.745+/-1.282 χ^2/NDF :92266.3/1

All: 2314.147+/-1.089 χ^2/NDF : 118386.1/2

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF : 24.2/16

Left Out: 2323.401+/-1777.263 χ^2/NDF : 0.0/1

Right Out: -1557.388+/-924.003 χ^2/NDF : 10.5/18

Left In: -5194.009+/-2894.994 χ^2/NDF : 0.0/0

Left: 265.717+/-1514.617 χ^2/NDF : 4.9/2

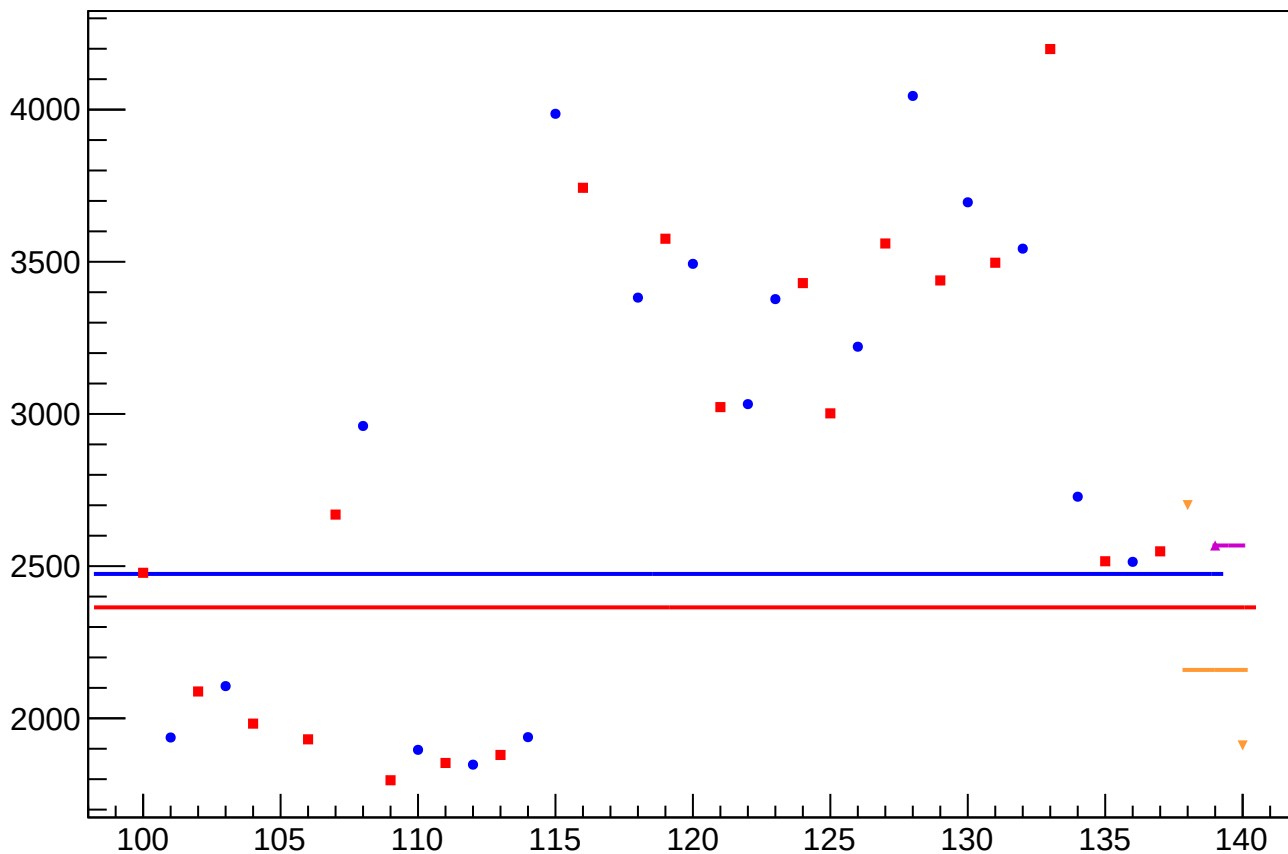
Right: -664.120+/-676.282 χ^2/NDF : 36.7/35

In: -218.336+/-938.842 χ^2/NDF : 27.5/17

Out: -731.621+/-819.824 χ^2/NDF : 14.3/20

All: -509.557+/-617.522 χ^2/NDF : 41.9/38

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 2159.010 $\pm$ 1.257 χ^2 /NDF:85061.2/1

Right Out: 2364.507 $\pm$ 0.653 χ^2 /NDF: 1023402.8/18

Left In: 2567.849 $\pm$ 2.047 χ^2 /NDF:0.0/0

Left: 2270.919 $\pm$ 1.071 χ^2 /NDF: 114030.7/2

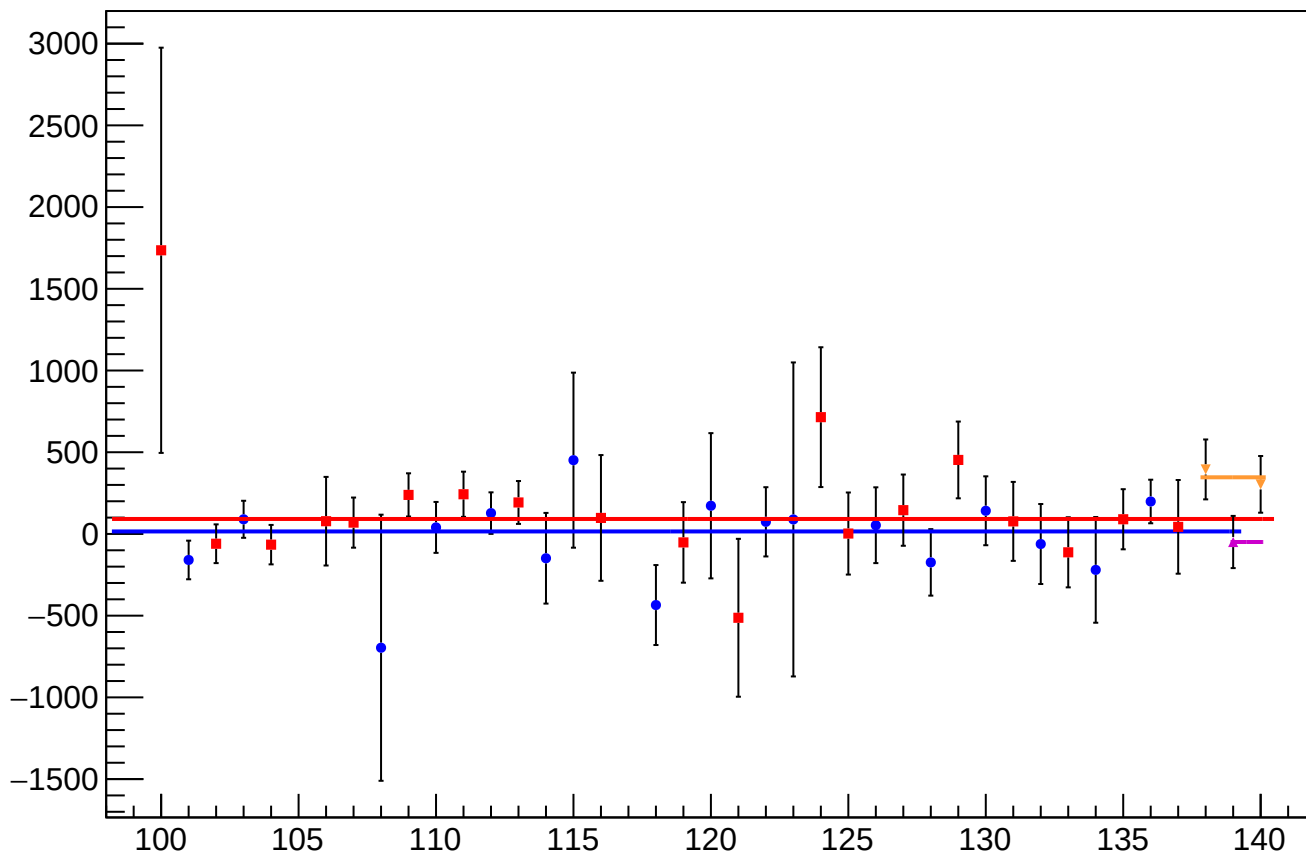
Right: 2415.527 $\pm$ 0.478 χ^2 /NDF: 1942797.3/35

In: 2484.218 $\pm$ 0.664 χ^2 /NDF:908127.3/17

Out: 2320.781 $\pm$ 0.580 χ^2 /NDF:1129513.0/20

All: 2391.489 $\pm$ 0.437 χ^2 /NDF: 2072028.5/38

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 346.577+/-125.963 χ^2/NDF : 0.1/1

Right Out: 91.634+/-43.318 χ^2/NDF : 15.7/18

Left In: -49.300+/-159.675 χ^2/NDF : 0.0/0

Left: 194.719+/-98.895 χ^2/NDF : 3.9/2

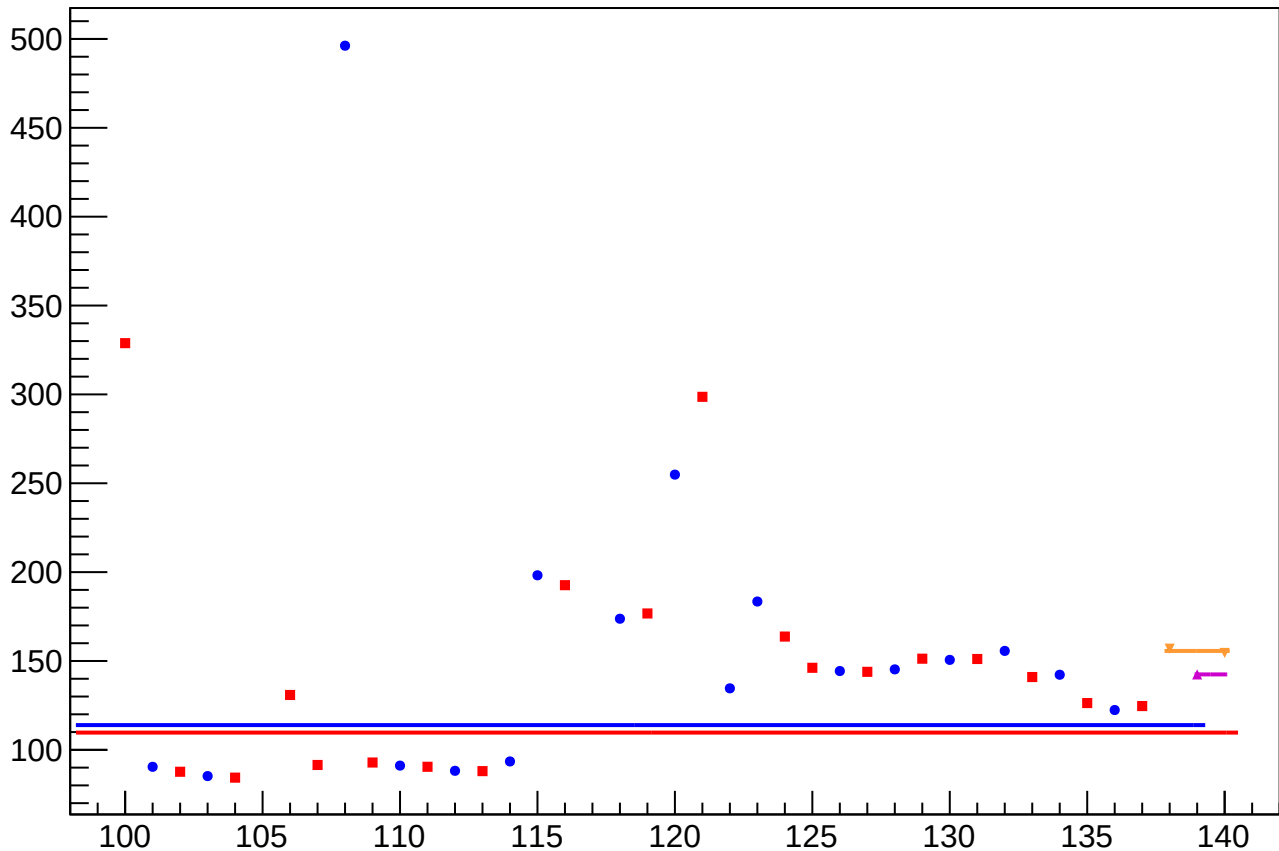
Right: 56.123+/-31.678 χ^2/NDF : 29.7/35

In: 10.264+/-44.595 χ^2/NDF : 12.7/17

Out: 118.596+/-40.964 χ^2/NDF : 19.5/20

All: 69.020+/-30.168 χ^2/NDF : 35.4/38

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 155.655 $\pm$ 0.089 χ^2 /NDF:179.9/1

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

Left In: 142.442 $\pm$ 0.113 χ^2 /NDF:0.0/0

Left: 150.586 $\pm$ 0.070 χ^2 /NDF: 8621.0/2

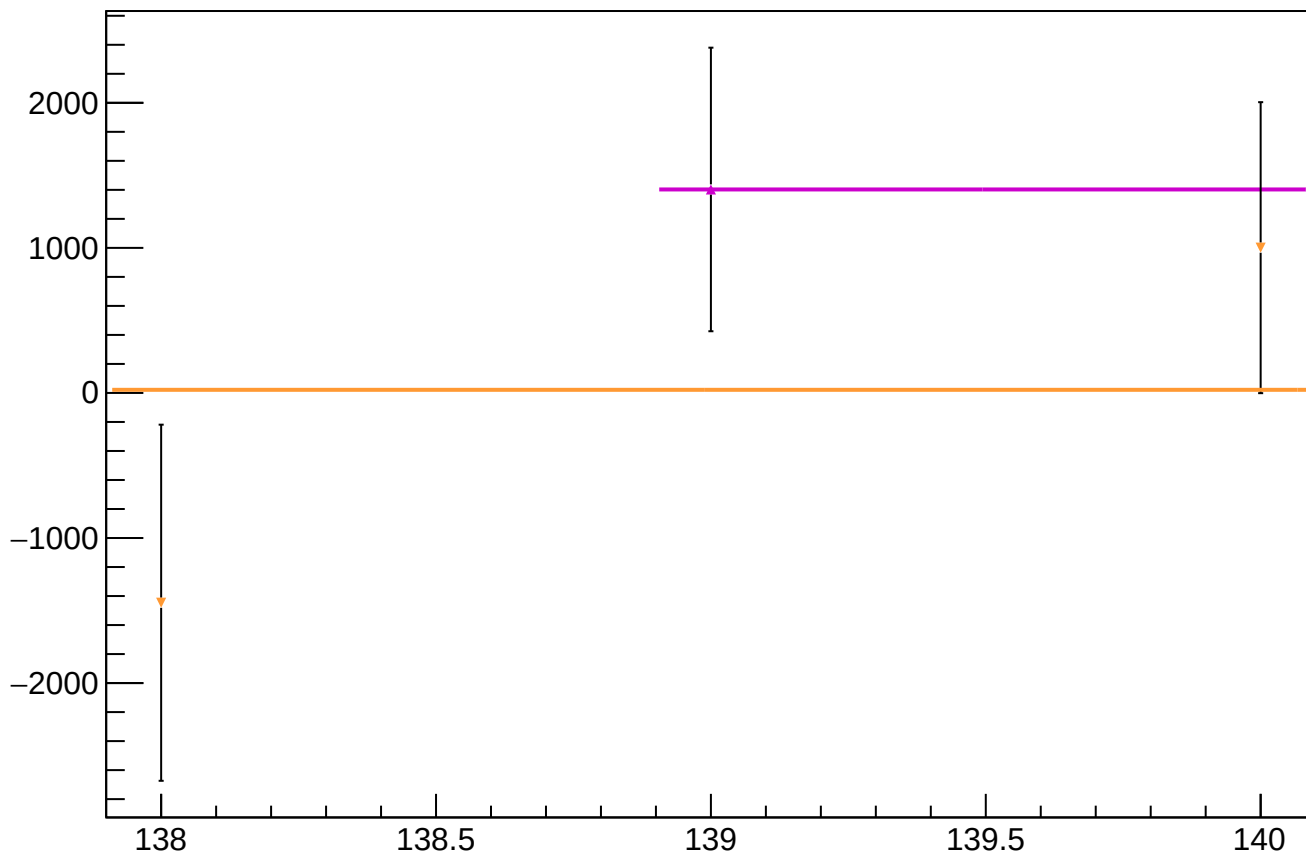
Right: 111.674 $\pm$ 0.022 χ^2 /NDF: 2658703.6/35

In: 116.156 $\pm$ 0.032 χ^2 /NDF:1466637.3/17

Out: 114.568 $\pm$ 0.029 χ^2 /NDF:1480139.4/20

All: 115.295 $\pm$ 0.021 χ^2 /NDF: 2948150.6/38

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 21.560 $\pm$ 776.678 χ^2/NDF : 2.4/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 1402.758 $\pm$ 977.399 χ^2/NDF : 0.0/0

Left: 556.149 $\pm$ 608.071 χ^2/NDF : 3.6/2

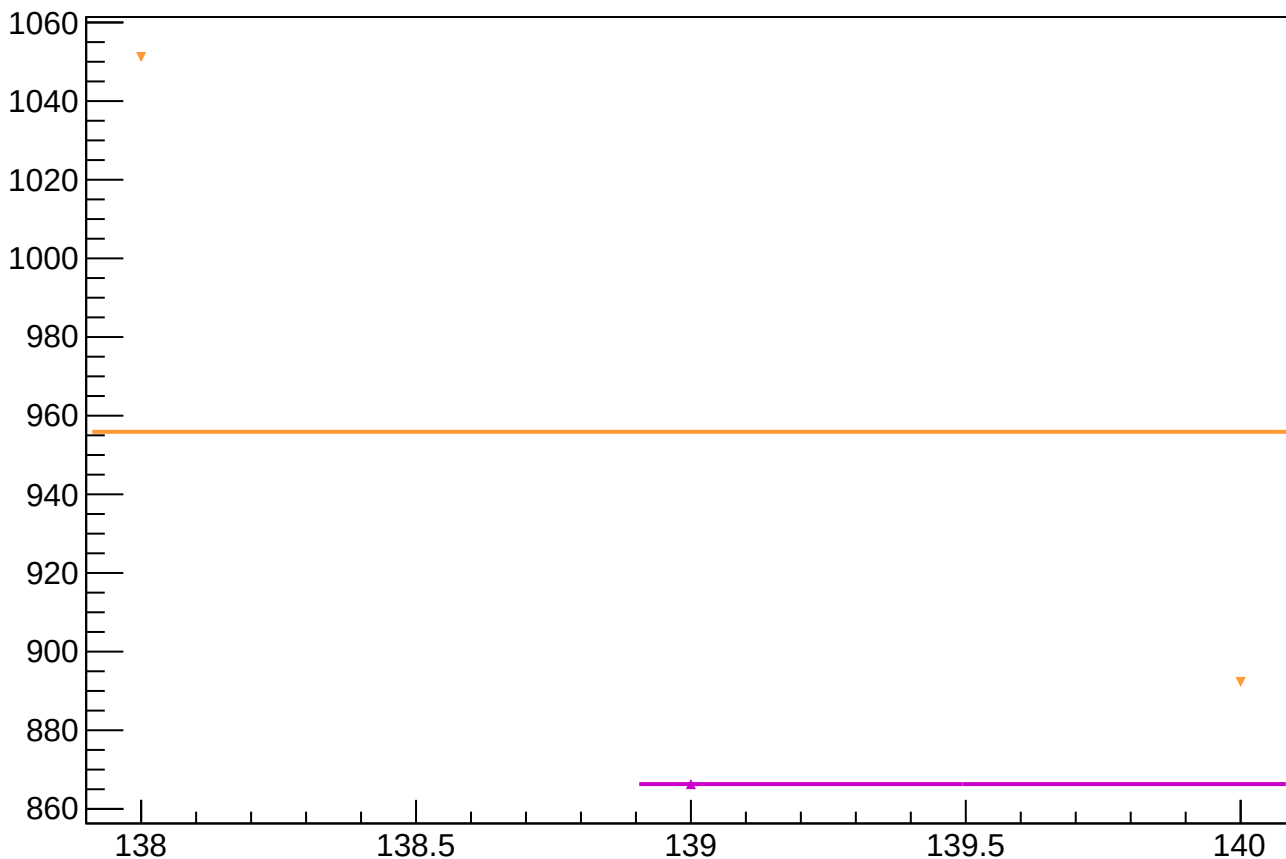
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 1402.758 $\pm$ 977.399 χ^2/NDF : 0.0/0

Out: 21.560 $\pm$ 776.678 χ^2/NDF : 2.4/1

All: 556.149 $\pm$ 608.071 χ^2/NDF : 3.6/2

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 955.896+/-0.549 χ^2/NDF : 20101.9/1

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

Left In: 866.314+/-0.691 χ^2/NDF : 0.0/0

Left: 921.223+/-0.430 χ^2/NDF : 30400.0/2

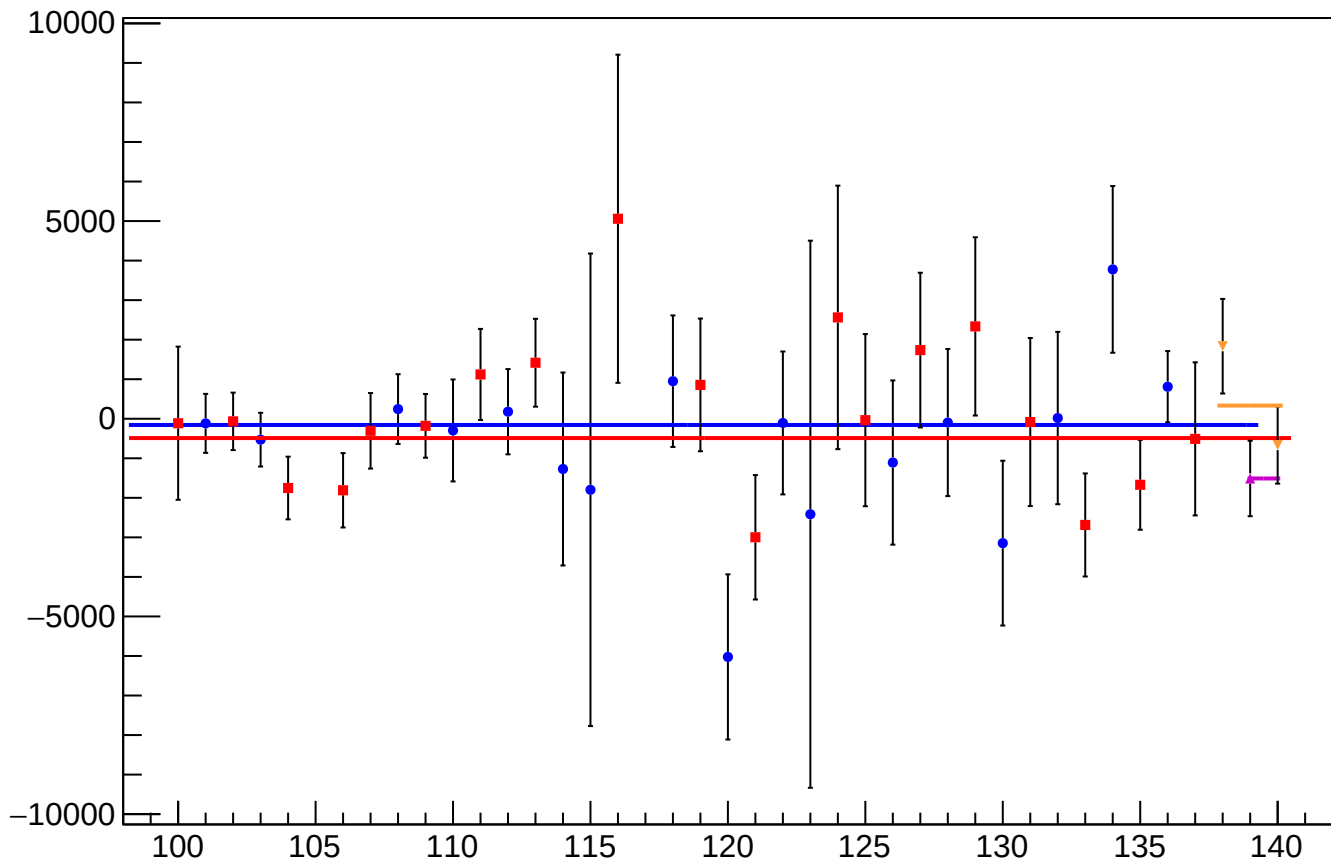
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 866.314+/-0.691 χ^2/NDF : 0.0/0

Out: 955.896+/-0.549 χ^2/NDF : 20101.9/1

All: 921.223+/-0.430 χ^2/NDF : 30400.0/2

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF : 16.2/16

Left Out: 333.501+/-756.046 χ^2/NDF : 2.6/1

Right Out: -488.583+/-282.758 χ^2/NDF : 22.6/18

Left In: -1510.517+/-954.370 χ^2/NDF : 0.0/0

Left: -377.530+/-592.623 χ^2/NDF : 4.9/2

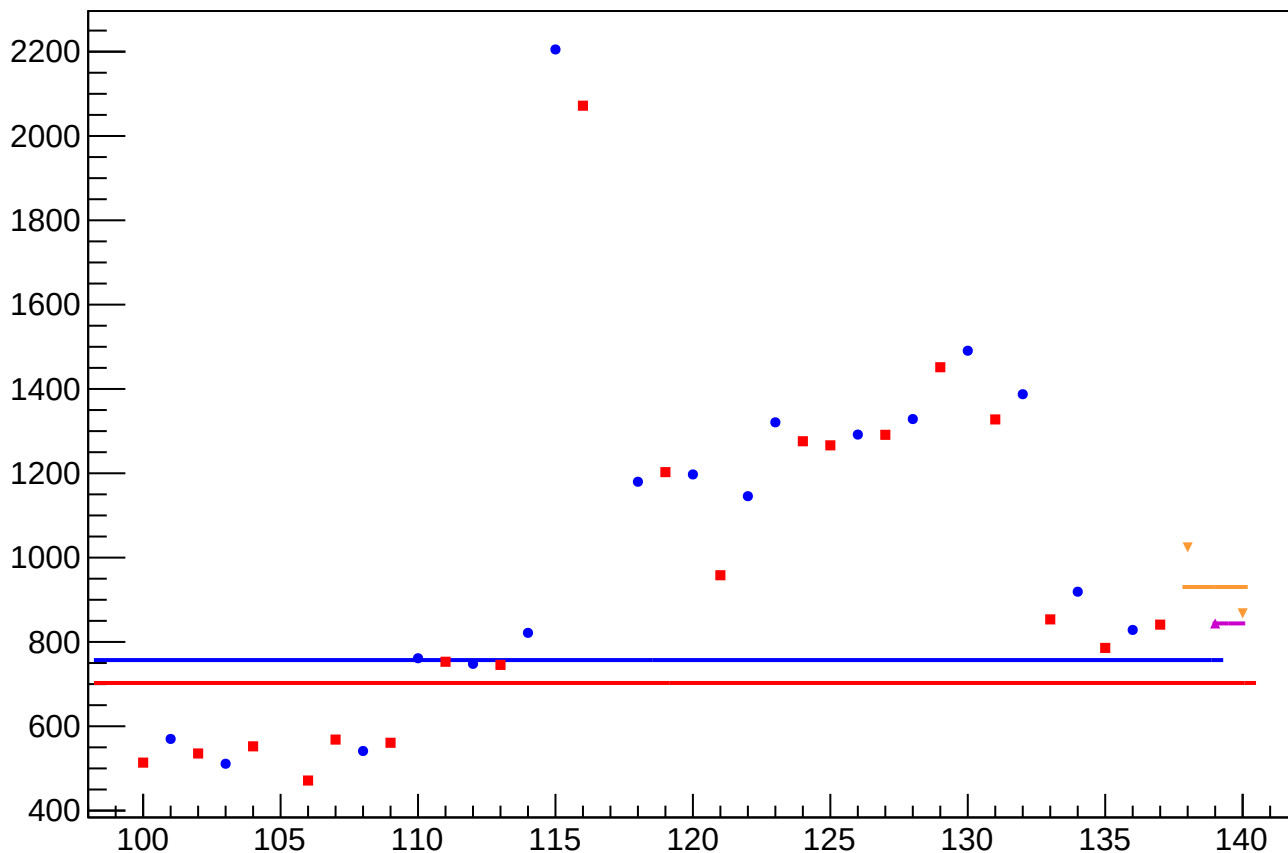
Right: -339.397+/-209.669 χ^2/NDF : 39.5/35

In: -288.229+/-296.984 χ^2/NDF : 18.1/17

Out: -387.706+/-264.842 χ^2/NDF : 26.3/20

All: -343.640+/-197.662 χ^2/NDF : 44.4/38

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 930.295+/-0.535 χ^2/NDF : 20543.3/1

Right Out: 702.656+/-0.200 χ^2/NDF : 1689579.7/18

Left In: 843.886+/-0.675 χ^2/NDF : 0.0/0

Left: 896.977+/-0.419 χ^2/NDF : 30616.7/2

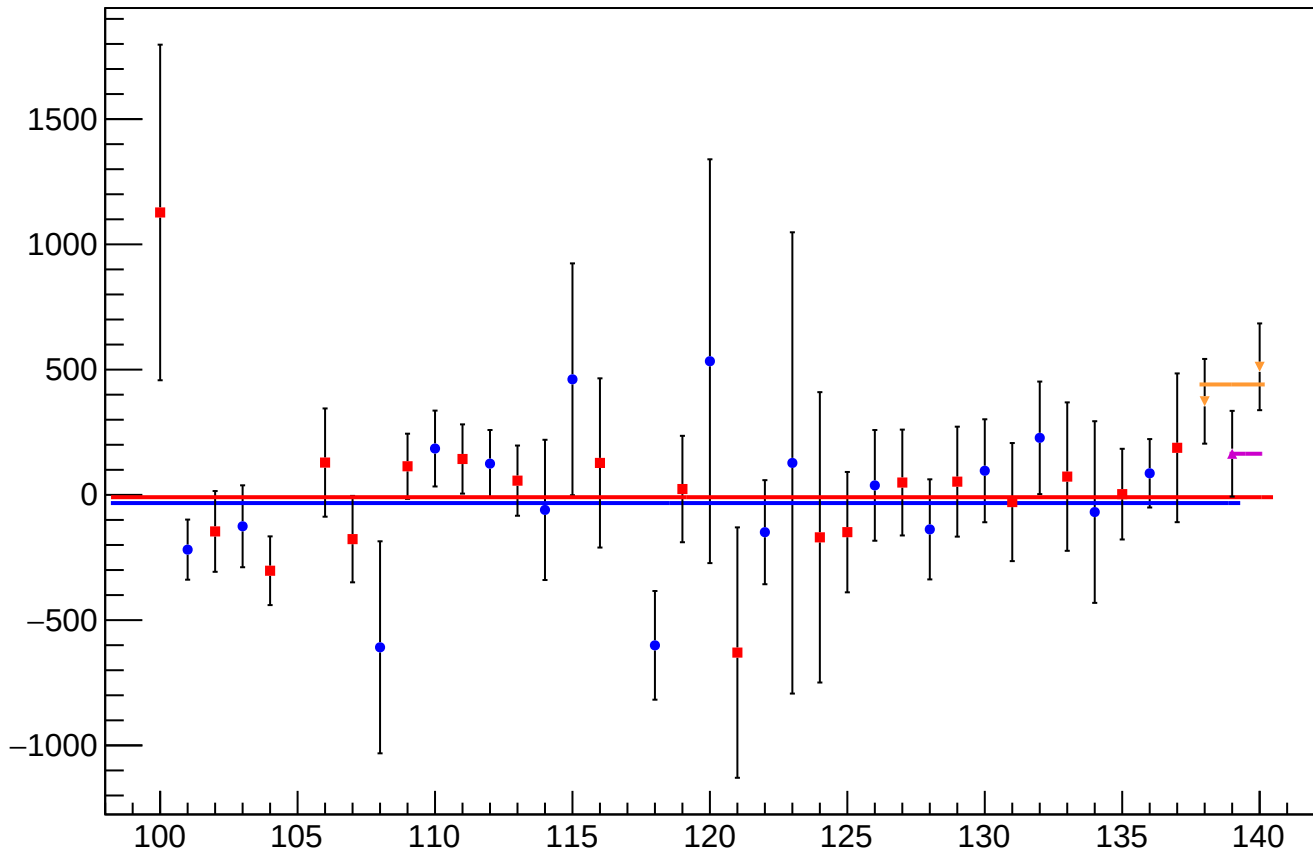
Right: 727.113+/-0.148 χ^2/NDF : 3434103.1/35

In: 765.400+/-0.210 χ^2/NDF : 1726262.5/17

Out: 730.589+/-0.187 χ^2/NDF : 1869186.6/20

All: 746.010+/-0.140 χ^2/NDF : 3610754.9/38

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 440.744 ± 120.964 χ^2/NDF : 0.3/1

Right Out: -9.277 ± 45.600 χ^2/NDF : 14.7/18

Left In: 164.186 ± 171.168 χ^2/NDF : 0.0/0

Left: 348.630 ± 98.786 χ^2/NDF : 2.1/2

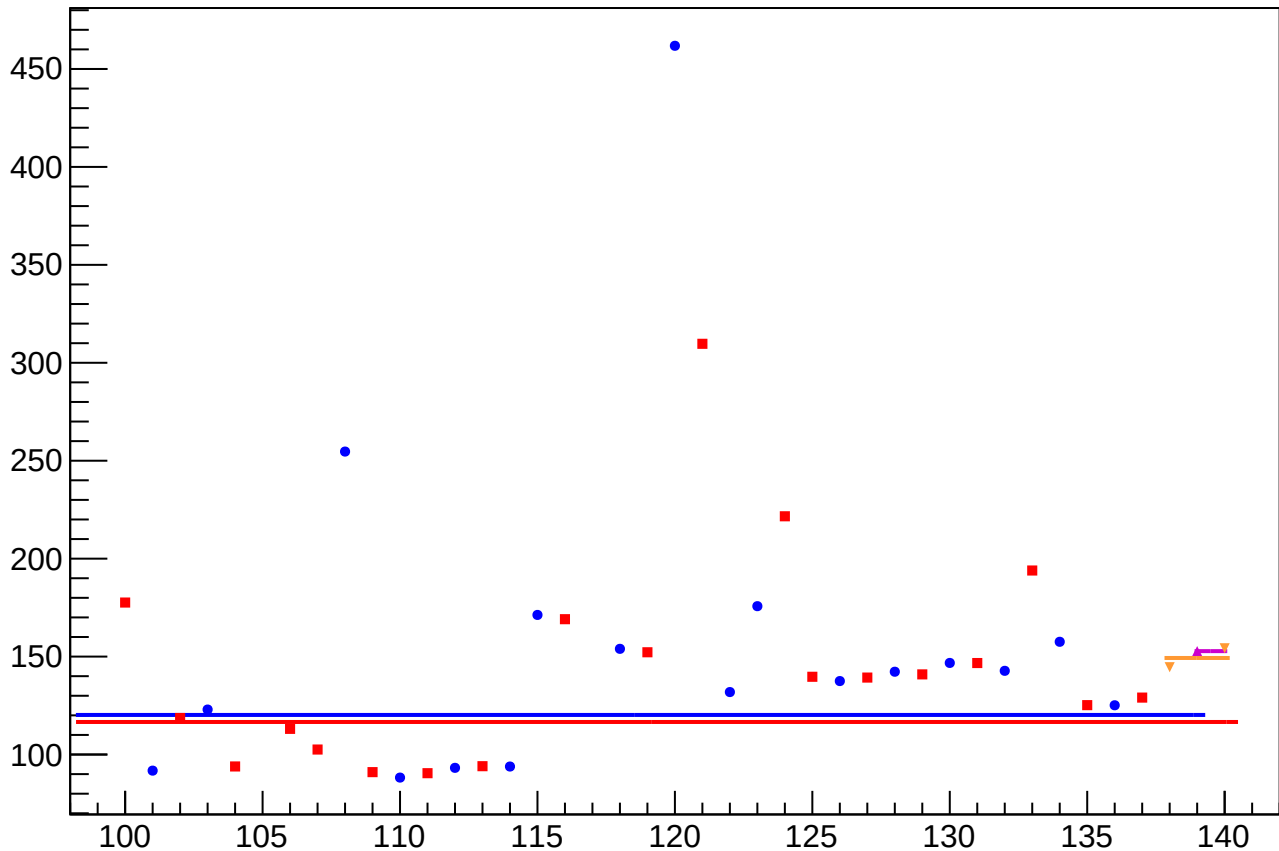
Right: -20.281 ± 33.200 χ^2/NDF : 34.6/35

In: -18.100 ± 46.602 χ^2/NDF : 21.0/17

Out: 46.717 ± 42.669 χ^2/NDF : 27.1/20

All: 17.158 ± 31.470 χ^2/NDF : 49.2/38

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 $\pm$ 0.034 χ^2/NDF : 1062326.6/16

Left Out: 149.294 $\pm$ 0.086 χ^2/NDF : 3197.0/1

Right Out: 116.618 $\pm$ 0.032 χ^2/NDF : 997956.6/18

Left In: 152.785 $\pm$ 0.121 χ^2/NDF : 0.0/0

Left: 150.457 $\pm$ 0.070 χ^2/NDF : 3752.0/2

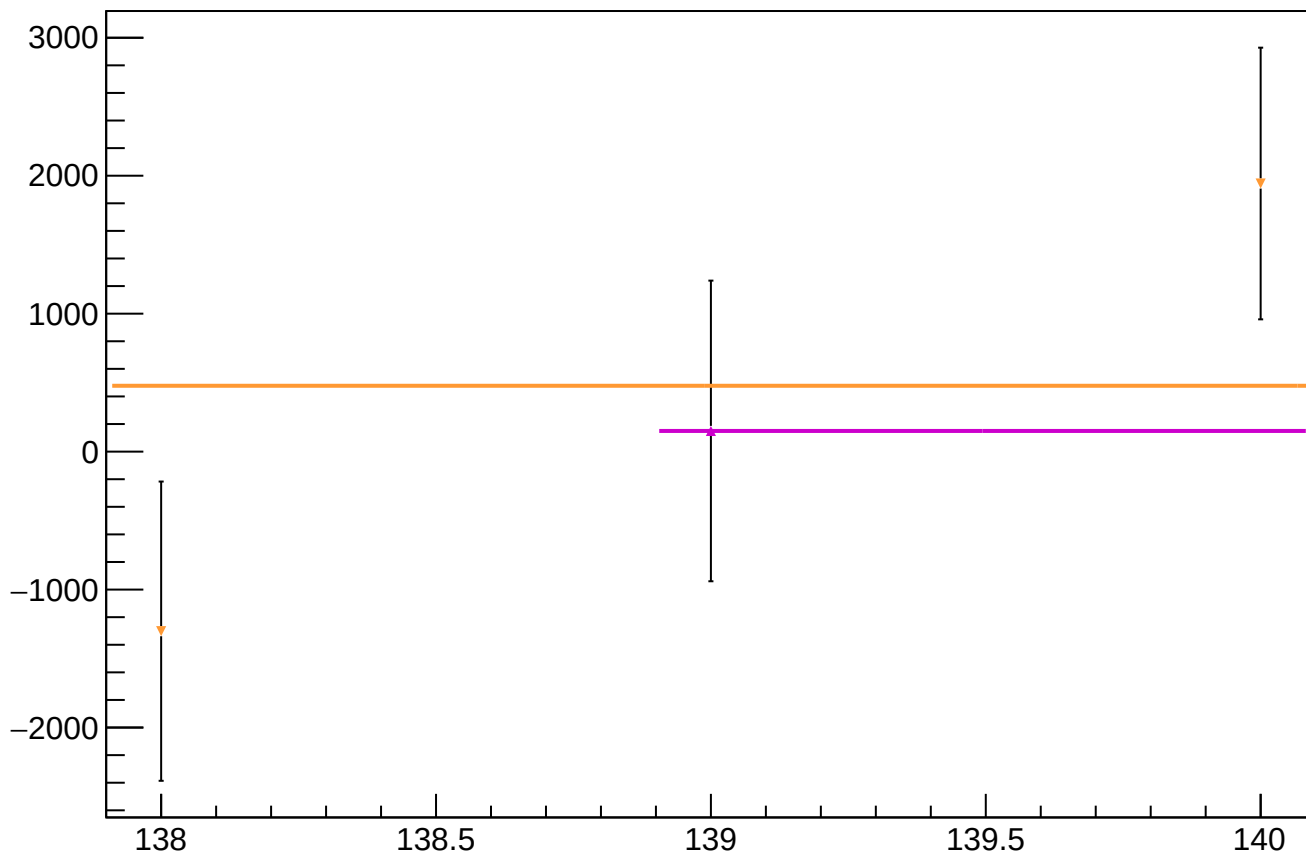
Right: 118.304 $\pm$ 0.023 χ^2/NDF : 2066104.2/35

In: 122.622 $\pm$ 0.033 χ^2/NDF : 1129408.2/17

Out: 120.684 $\pm$ 0.030 χ^2/NDF : 1128934.9/20

All: 121.567 $\pm$ 0.022 χ^2/NDF : 2260224.4/38

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 477.369+/-729.013 χ^2/NDF : 4.9/1

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

Left In: 149.888+/-1089.591 χ^2/NDF : 0.0/0

Left: 376.103+/-605.903 χ^2/NDF : 5.0/2

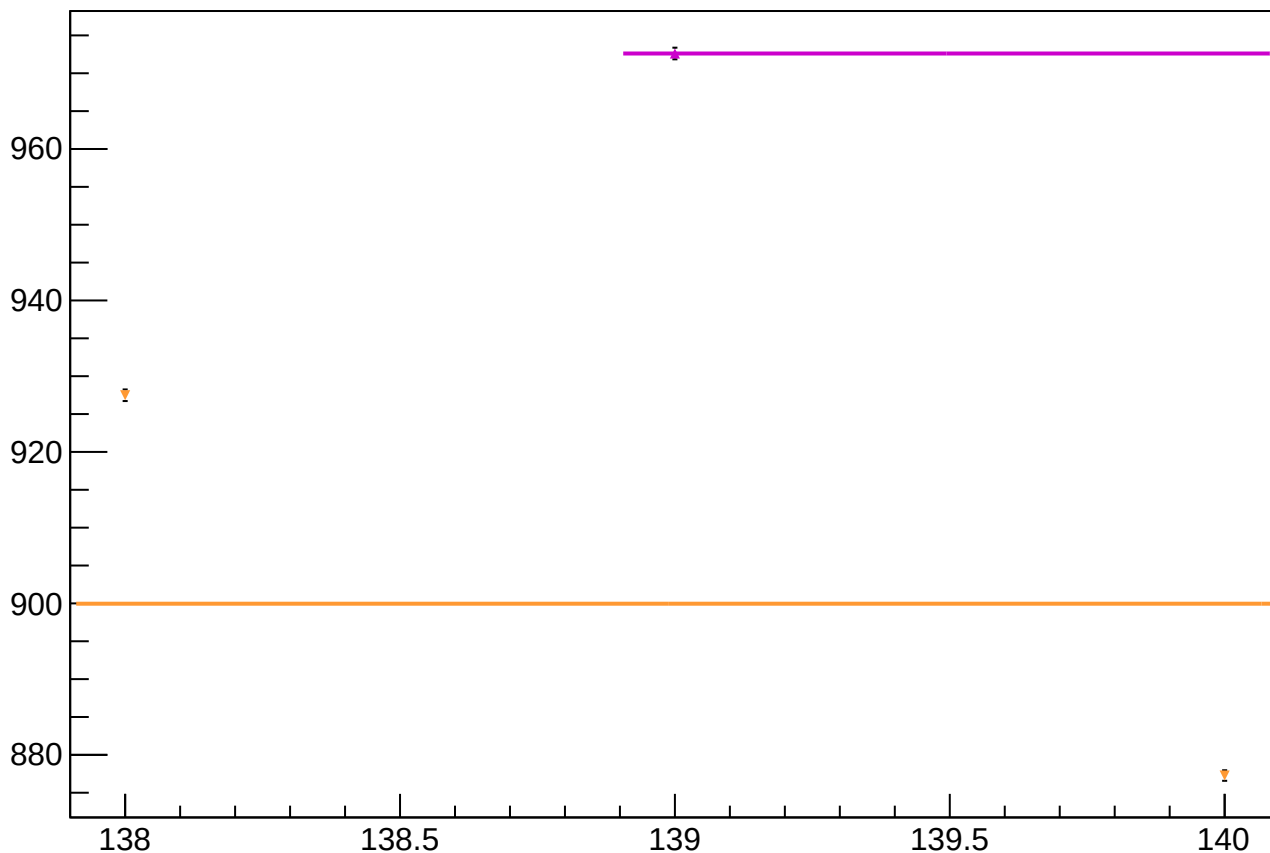
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 149.888+/-1089.591 χ^2/NDF : 0.0/0

Out: 477.369+/-729.013 χ^2/NDF : 4.9/1

All: 376.103+/-605.903 χ^2/NDF : 5.0/2

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 899.958+/-0.515 χ^2/NDF :2350.2/1

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

Left In: 972.608+/-0.770 χ^2/NDF :0.0/0

Left: 922.424+/-0.428 χ^2/NDF : 8492.2/2

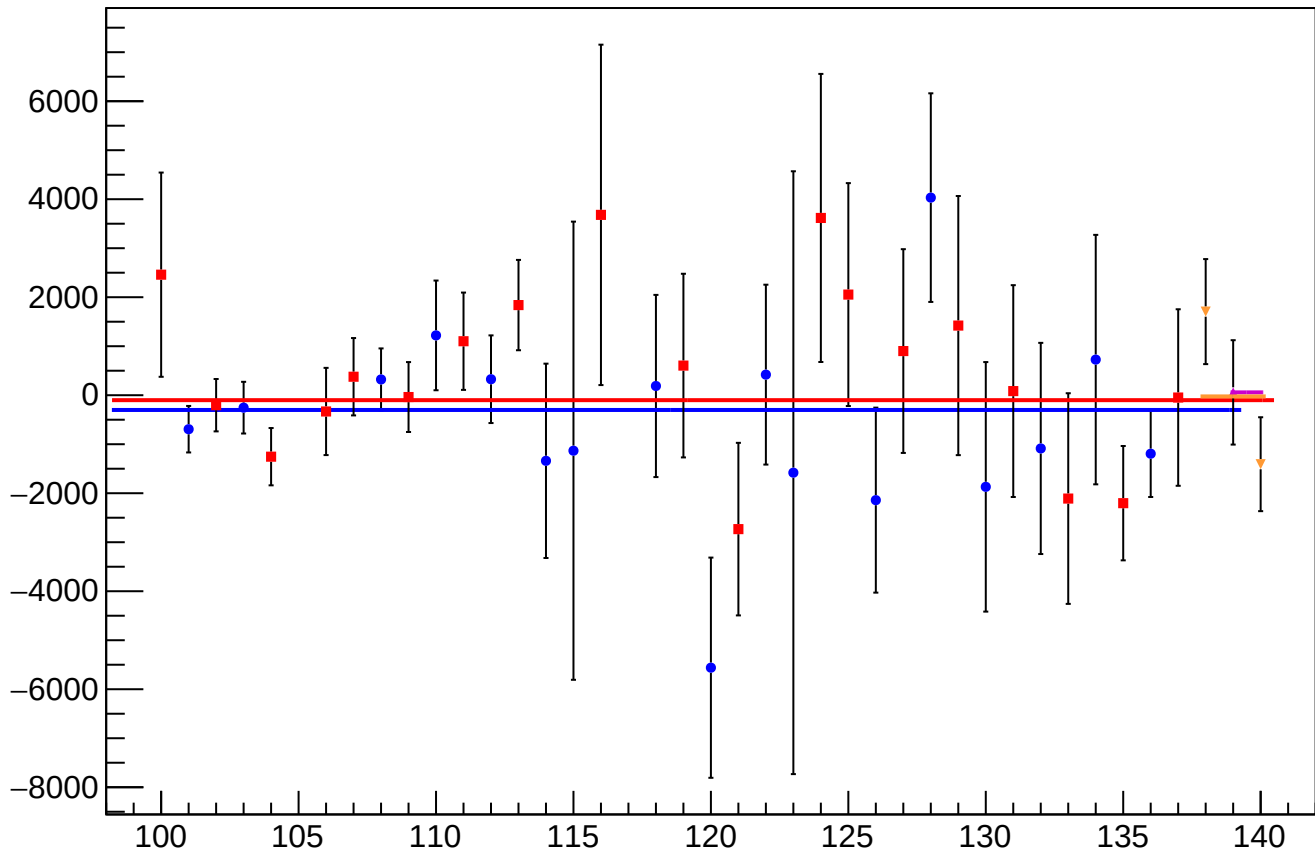
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 972.608+/-0.770 χ^2/NDF :0.0/0

Out: 899.958+/-0.515 χ^2/NDF :2350.2/1

All: 922.424+/-0.428 χ^2/NDF : 8492.2/2

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: -24.455 ± 714.332 χ^2/NDF : 4.7/1

Right Out: -100.857 ± 245.981 χ^2/NDF : 22.5/18

Left In: 57.659 ± 1065.130 χ^2/NDF : 0.0/0

Left: 1.020 ± 593.266 χ^2/NDF : 4.7/2

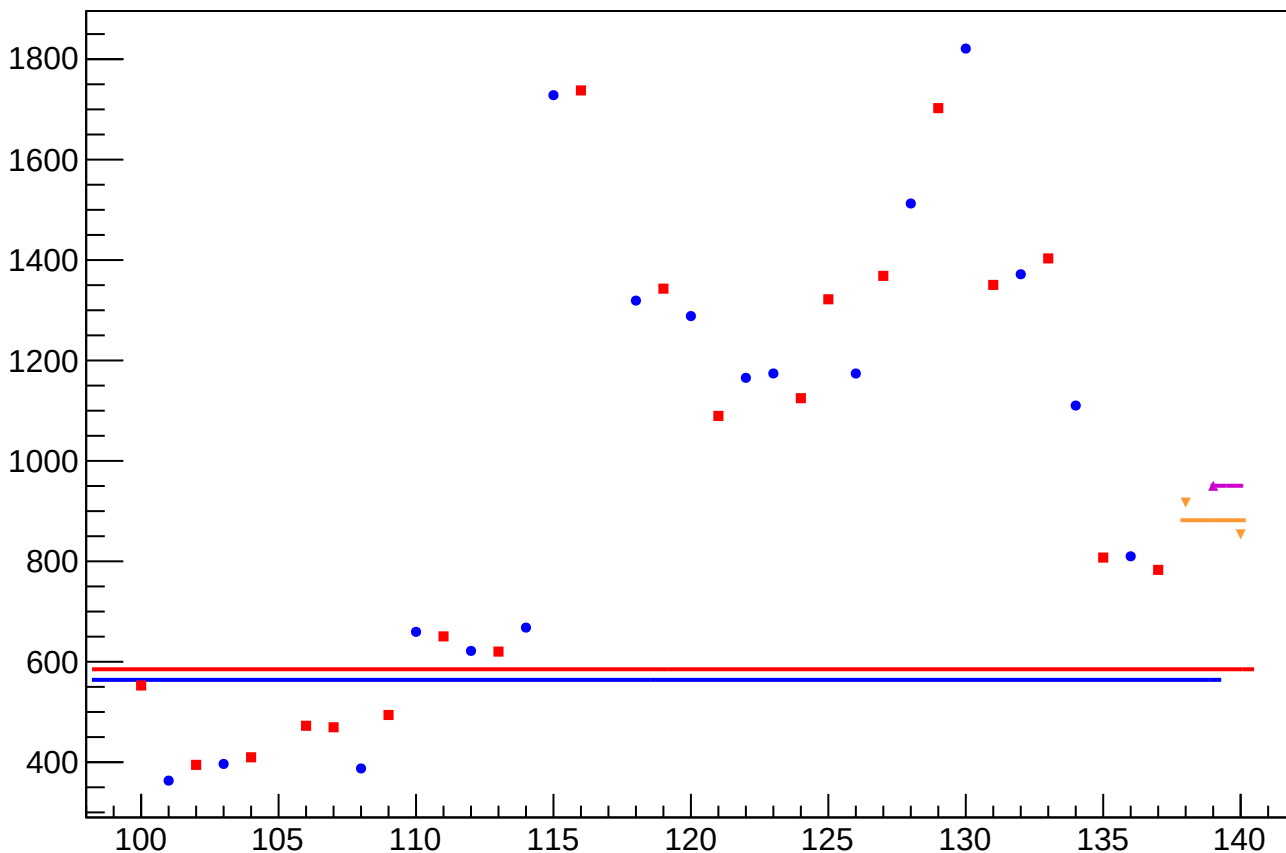
Right: -199.290 ± 175.353 χ^2/NDF : 39.7/35

In: -282.267 ± 243.425 χ^2/NDF : 17.0/17

Out: -92.758 ± 232.578 χ^2/NDF : 27.2/20

All: -183.196 ± 168.161 χ^2/NDF : 44.5/38

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF : 3261491.3/16

Left Out: 881.816+/-0.505 χ^2/NDF : 3866.9/1

Right Out: 585.070+/-0.174 χ^2/NDF : 2820837.8/18

Left In: 950.521+/-0.753 χ^2/NDF : 0.0/0

Left: 903.131+/-0.420 χ^2/NDF : 9606.8/2

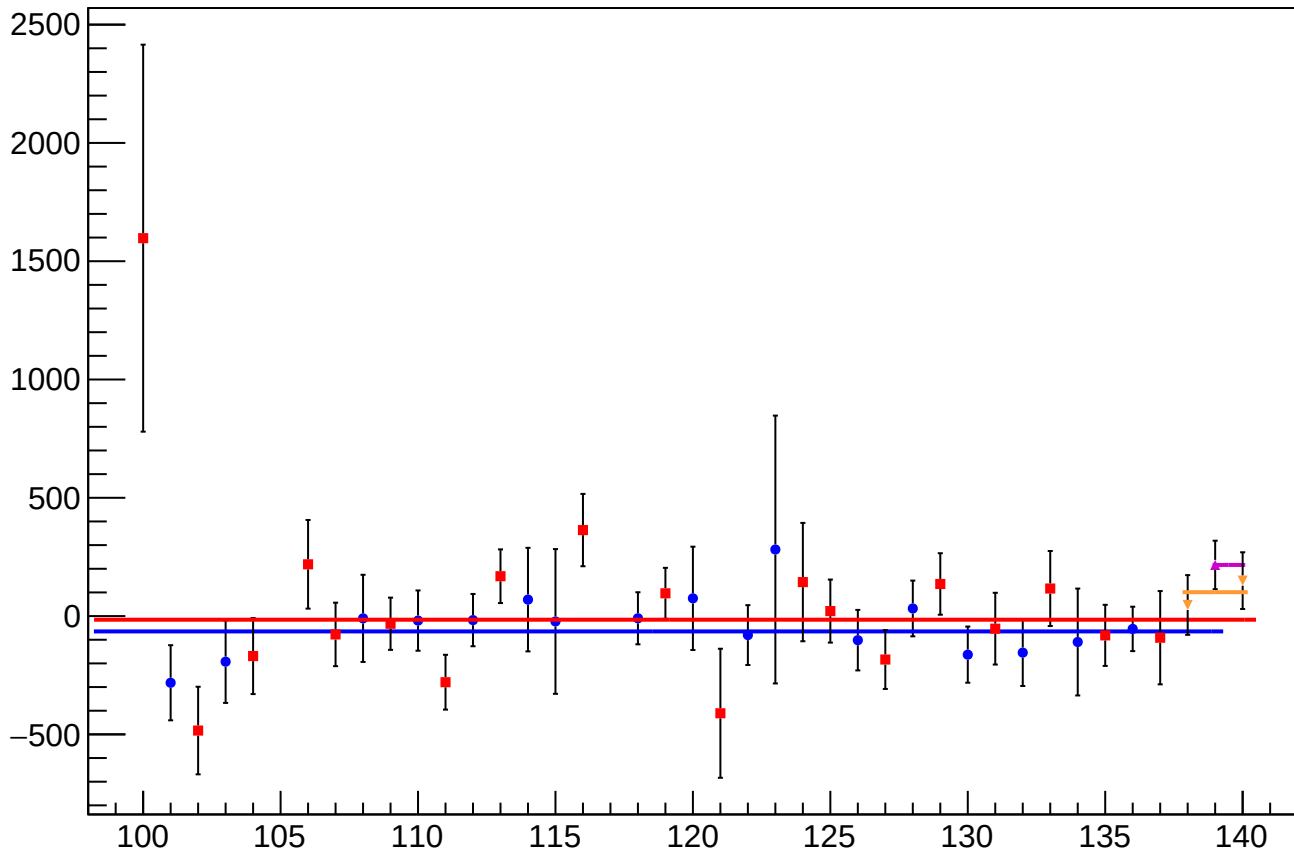
Right: 574.709+/-0.124 χ^2/NDF : 6089543.5/35

In: 584.191+/-0.172 χ^2/NDF : 3511103.6/17

Out: 616.527+/-0.164 χ^2/NDF : 3133261.1/20

All: 601.096+/-0.119 χ^2/NDF : 6662813.7/38

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 101.008 ± 86.910 χ^2/NDF : 0.3/1

Right Out: -15.294 ± 33.422 χ^2/NDF : 35.0/18

Left In: 216.196 ± 102.413 χ^2/NDF : 0.0/0

Left: 149.232 ± 66.265 χ^2/NDF : 1.1/2

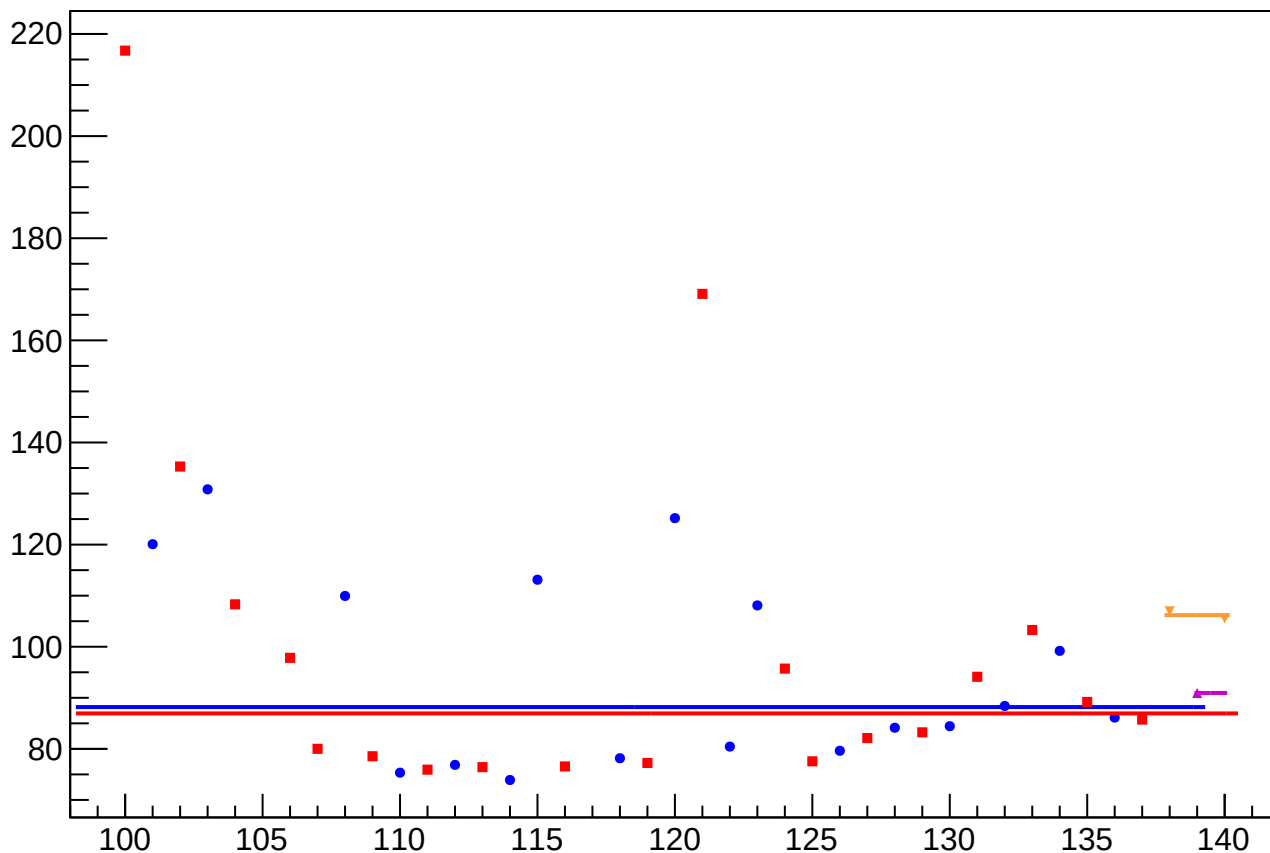
Right: -39.167 ± 24.048 χ^2/NDF : 42.2/35

In: -35.966 ± 32.805 χ^2/NDF : 12.9/17

Out: -0.310 ± 31.195 χ^2/NDF : 36.9/20

All: -17.242 ± 22.606 χ^2/NDF : 50.4/38

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186 $\pm$ 0.024 χ^2 /NDF: 394447.7/16

Left Out: 106.194 $\pm$ 0.061 χ^2 /NDF:131.2/1

Right Out: 86.943 $\pm$ 0.024 χ^2 /NDF: 531359.9/18

Left In: 90.949 $\pm$ 0.072 χ^2 /NDF:0.0/0

Left: 99.812 $\pm$ 0.047 χ^2 /NDF: 25894.6/2

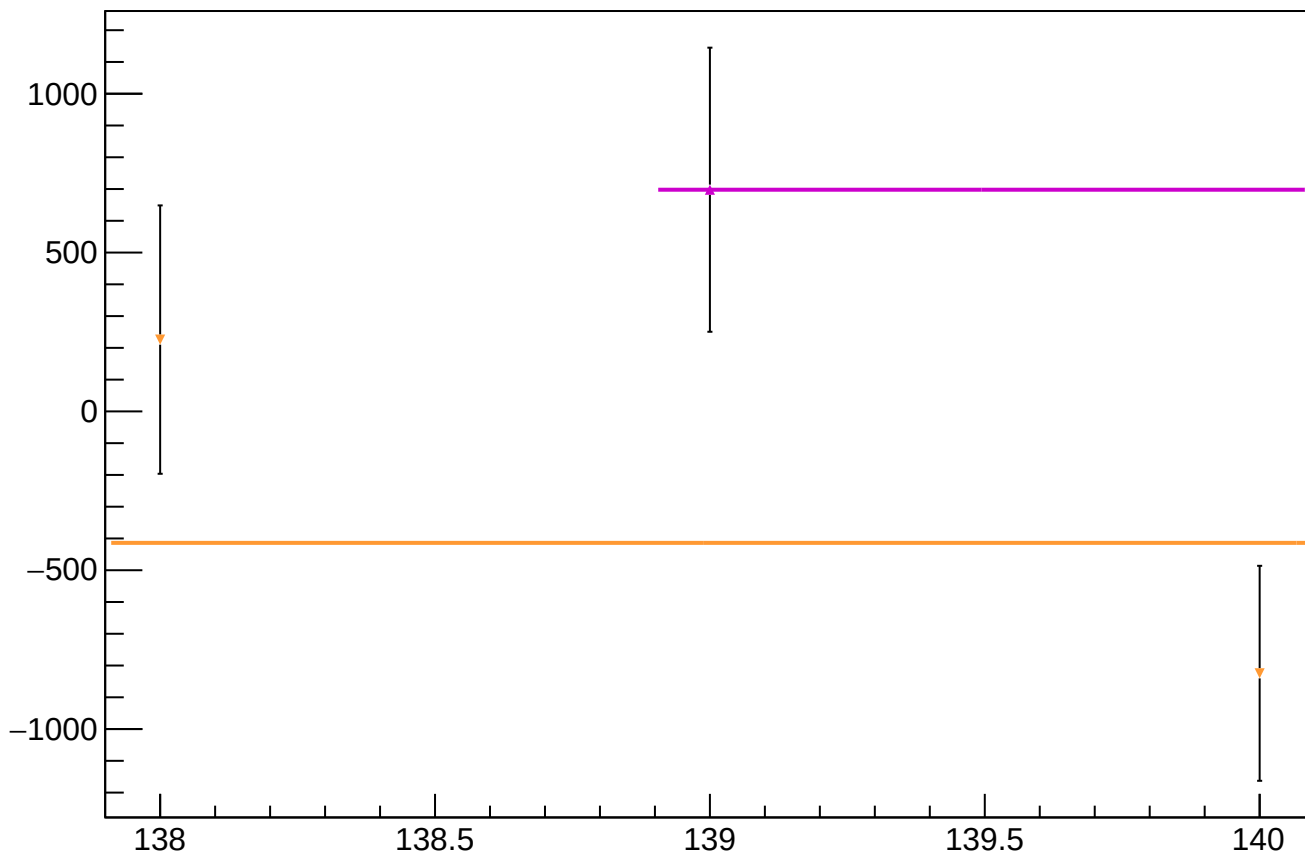
Right: 87.542 $\pm$ 0.017 χ^2 /NDF: 927142.1/35

In: 88.470 $\pm$ 0.023 χ^2 /NDF:395754.3/17

Out: 89.423 $\pm$ 0.022 χ^2 /NDF:616982.1/20

All: 88.970 $\pm$ 0.016 χ^2 /NDF: 1013623.7/38

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -413.864+/-264.092 χ^2/NDF : 3.8/1

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

Left In: 697.821+/-447.173 χ^2/NDF : 0.0/0

Left: -126.391+/-227.396 χ^2/NDF : 8.3/2

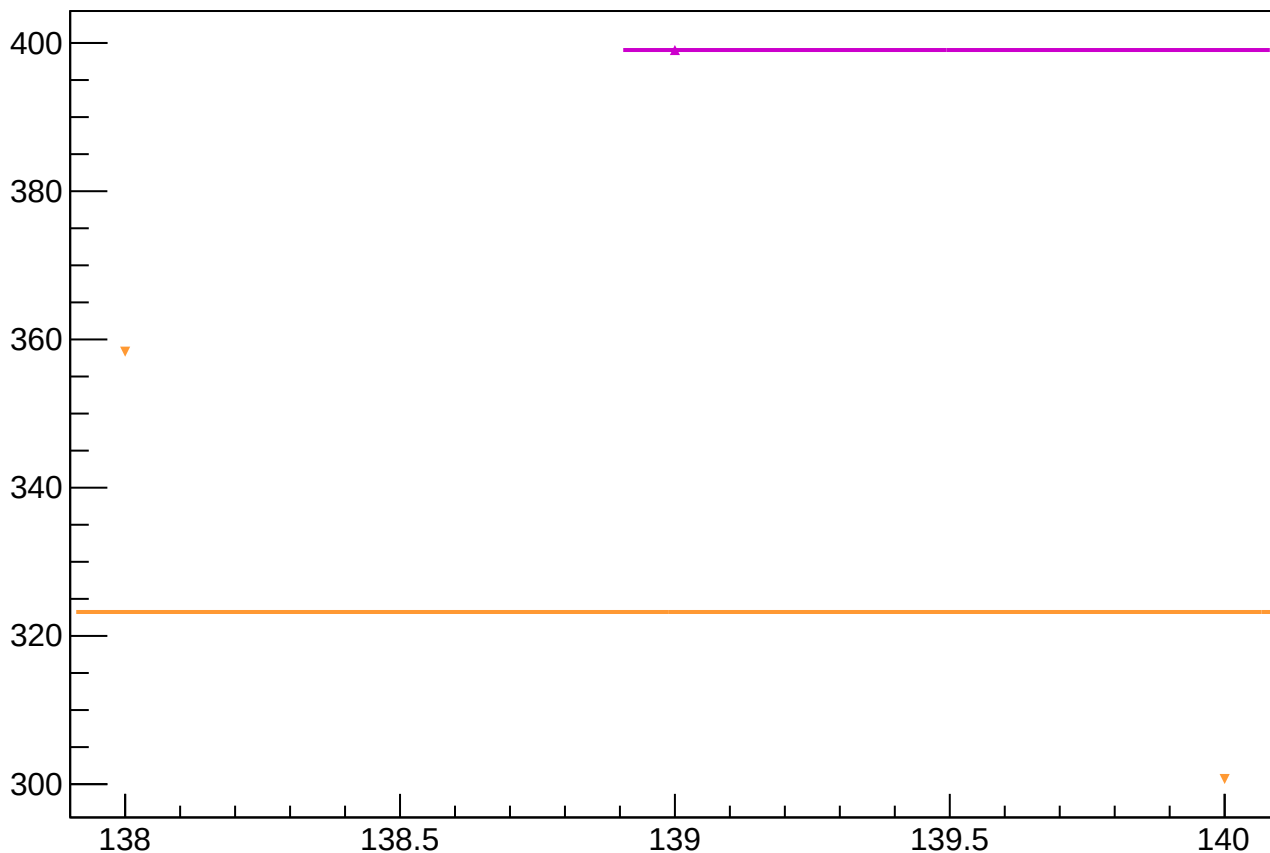
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 697.821+/-447.173 χ^2/NDF : 0.0/0

Out: -413.864+/-264.092 χ^2/NDF : 3.8/1

All: -126.391+/-227.396 χ^2/NDF : 8.3/2

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 323.230+/-0.187 χ^2/NDF :22696.9/1

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

Left In: 399.050+/-0.316 χ^2/NDF :0.0/0

Left: 342.837+/-0.161 χ^2/NDF : 65325.9/2

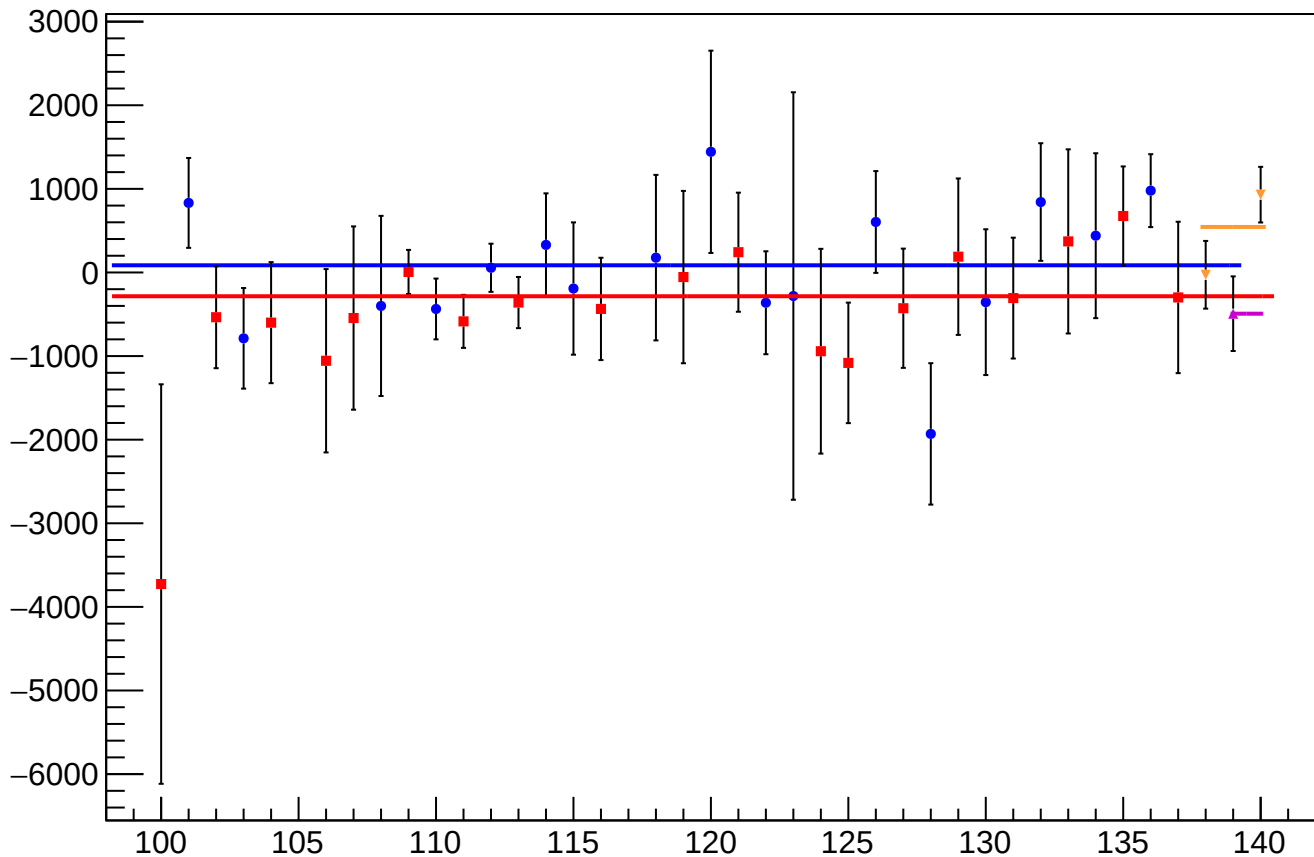
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 399.050+/-0.316 χ^2/NDF :0.0/0

Out: 323.230+/-0.187 χ^2/NDF :22696.9/1

All: 342.837+/-0.161 χ^2/NDF : 65325.9/2

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 ± 142.601 χ^2/NDF : 20.6/16

Left Out: 544.341 ± 257.117 χ^2/NDF : 3.3/1

Right Out: -284.456 ± 129.599 χ^2/NDF : 10.6/18

Left In: -493.102 ± 446.341 χ^2/NDF : 0.0/0

Left: 285.853 ± 222.795 χ^2/NDF : 7.4/2

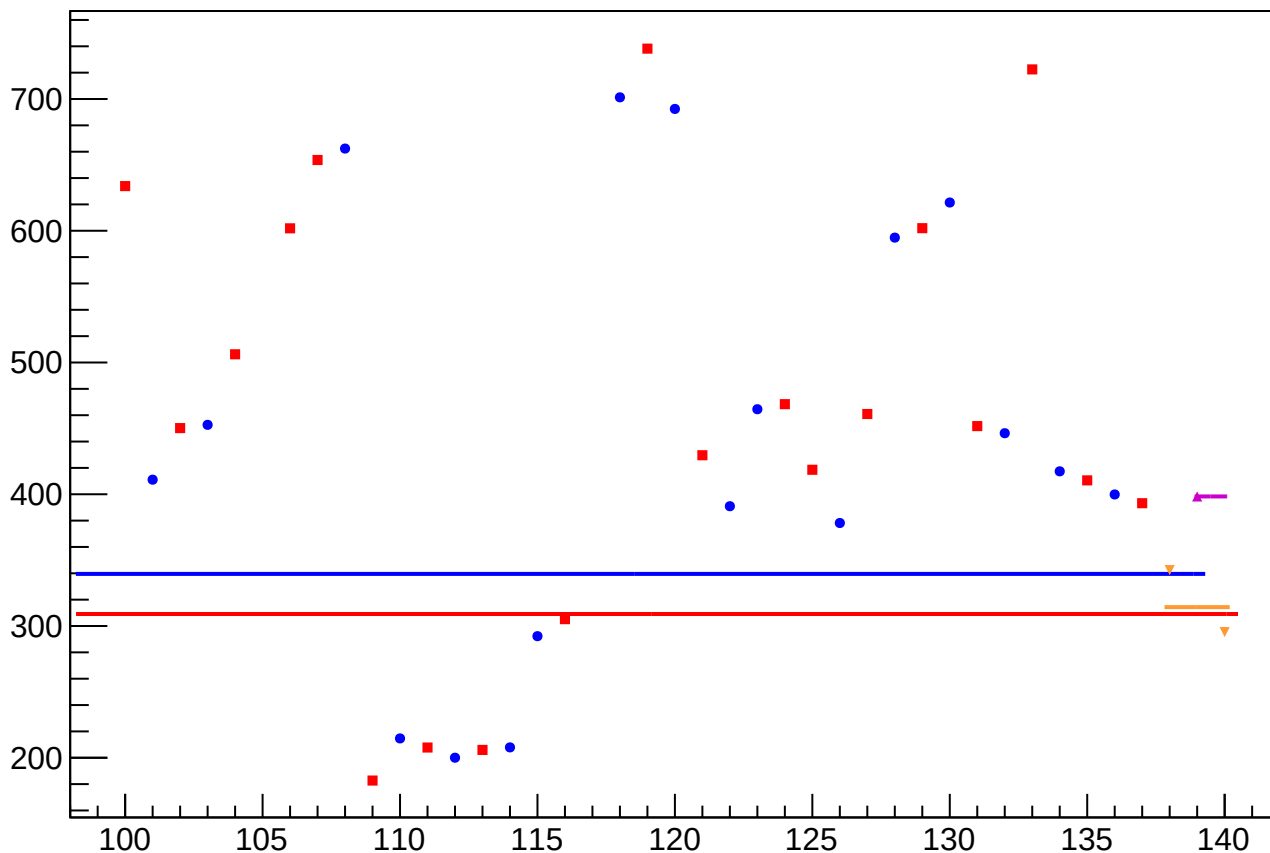
Right: -116.969 ± 95.908 χ^2/NDF : 34.9/35

In: 32.192 ± 135.836 χ^2/NDF : 22.1/17

Out: -116.549 ± 115.729 χ^2/NDF : 22.2/20

All: -53.992 ± 88.093 χ^2/NDF : 45.0/38

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 ± 0.101 $\chi^2/\text{NDF}: 2042244.1/16$

Left Out: 314.332 ± 0.182 $\chi^2/\text{NDF}: 16102.2/1$

Right Out: 309.105 ± 0.092 $\chi^2/\text{NDF}: 2730308.7/18$

Left In: 398.333 ± 0.316 $\chi^2/\text{NDF}: 0.0/0$

Left: 335.262 ± 0.158 $\chi^2/\text{NDF}: 69290.1/2$

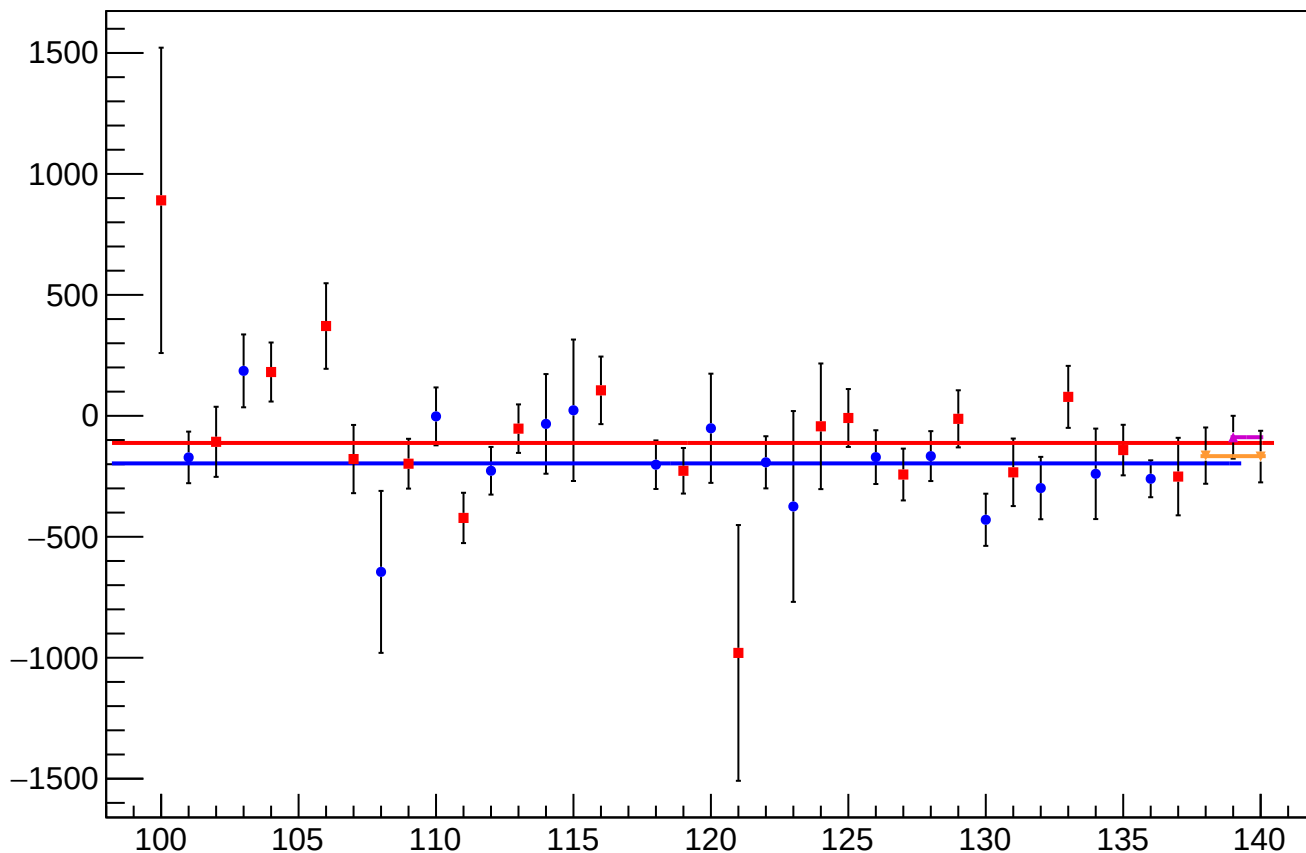
Right: 322.878 ± 0.068 $\chi^2/\text{NDF}: 4822487.1/35$

In: 344.997 ± 0.096 $\chi^2/\text{NDF}: 2073718.6/17$

Out: 310.164 ± 0.082 $\chi^2/\text{NDF}: 2747070.1/20$

All: 324.814 ± 0.062 $\chi^2/\text{NDF}: 4896990.7/38$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF : 19.0/16

Left Out: -166.620+/-78.607 χ^2/NDF : 0.0/1

Right Out: -112.097+/-29.622 χ^2/NDF : 39.3/18

Left In: -88.385+/-88.485 χ^2/NDF : 0.0/0

Left: -132.111+/-58.767 χ^2/NDF : 0.4/2

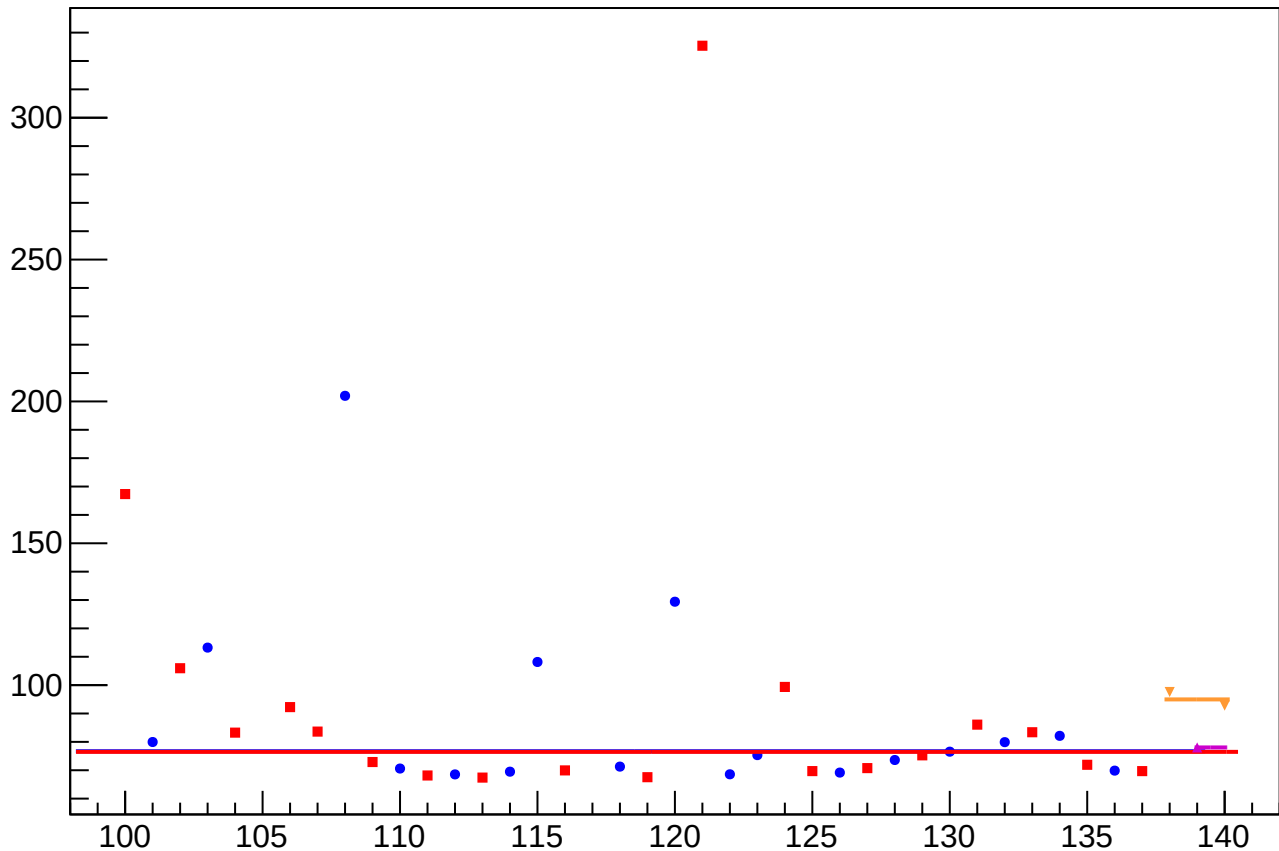
Right: -153.254+/-21.215 χ^2/NDF : 62.3/35

In: -185.175+/-28.750 χ^2/NDF : 20.4/17

Out: -118.877+/-27.719 χ^2/NDF : 39.8/20

All: -150.817+/-19.955 χ^2/NDF : 62.9/38

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 94.966 $\pm$ 0.056 χ^2 /NDF:1854.7/1

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

Left In: 78.034 $\pm$ 0.063 χ^2 /NDF:0.0/0

Left: 87.497 $\pm$ 0.042 χ^2 /NDF: 42782.3/2

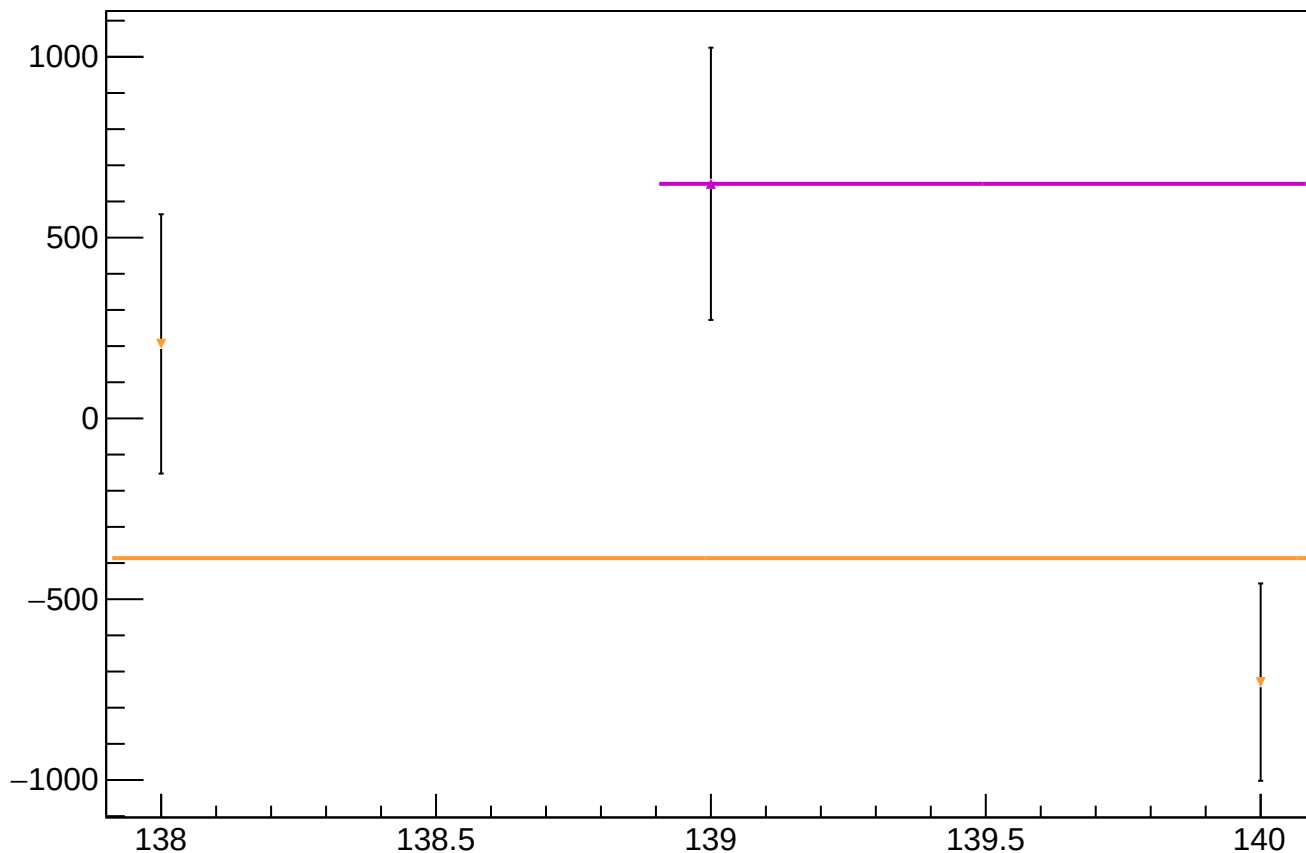
Right: 76.583 $\pm$ 0.015 χ^2 /NDF: 1299760.4/35

In: 76.834 $\pm$ 0.020 χ^2 /NDF:600759.8/17

Out: 78.778 $\pm$ 0.020 χ^2 /NDF:798080.6/20

All: 77.841 $\pm$ 0.014 χ^2 /NDF: 1403578.8/38

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -386.417+/-217.164 χ^2/NDF : 4.3/1

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

Left In: 648.830+/-376.501 χ^2/NDF : 0.0/0

Left: -127.978+/-188.115 χ^2/NDF : 10.0/2

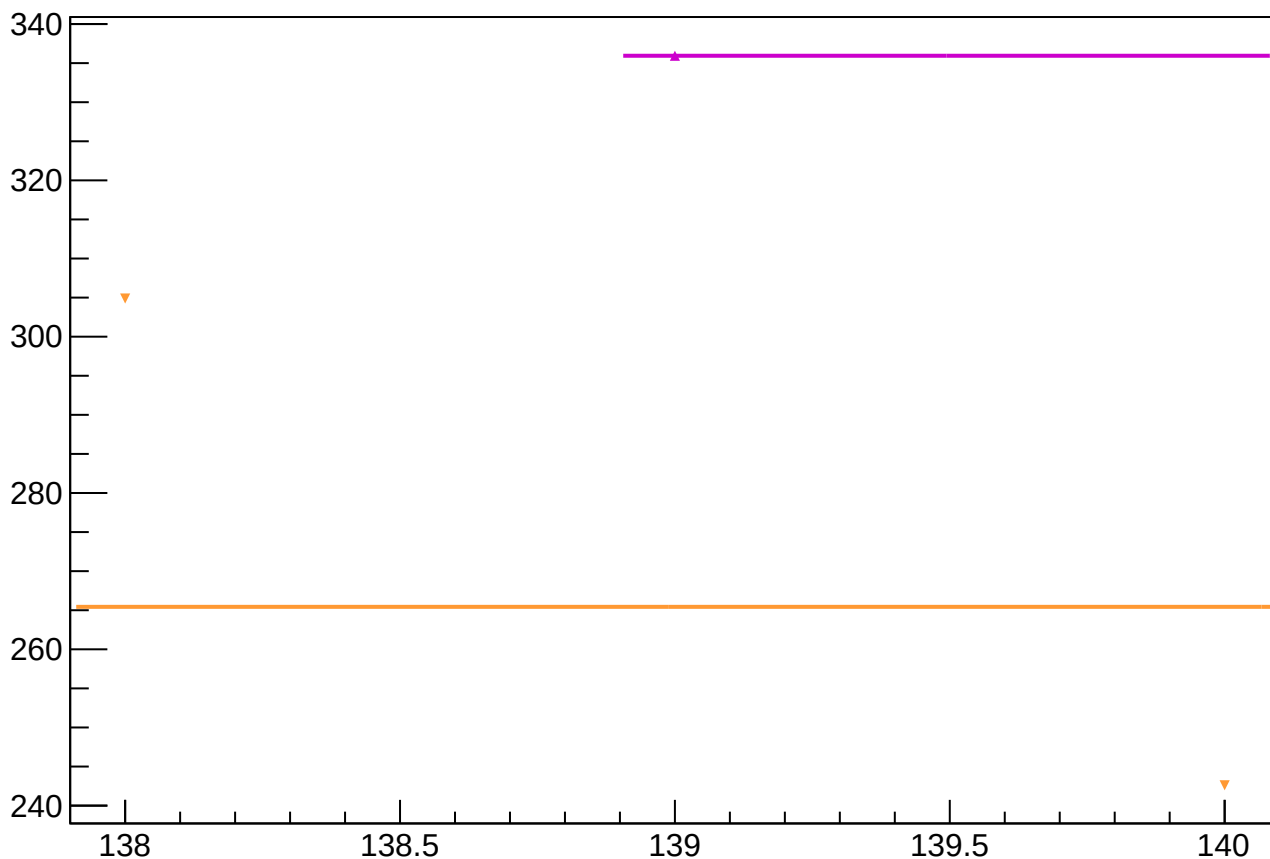
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 648.830+/-376.501 χ^2/NDF : 0.0/0

Out: -386.417+/-217.164 χ^2/NDF : 4.3/1

All: -127.978+/-188.115 χ^2/NDF : 10.0/2

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 265.434+/-0.154 χ^2/NDF : 38197.1/1

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

Left In: 335.943+/-0.266 χ^2/NDF : 0.0/0

Left: 283.036+/-0.133 χ^2/NDF : 90830.3/2

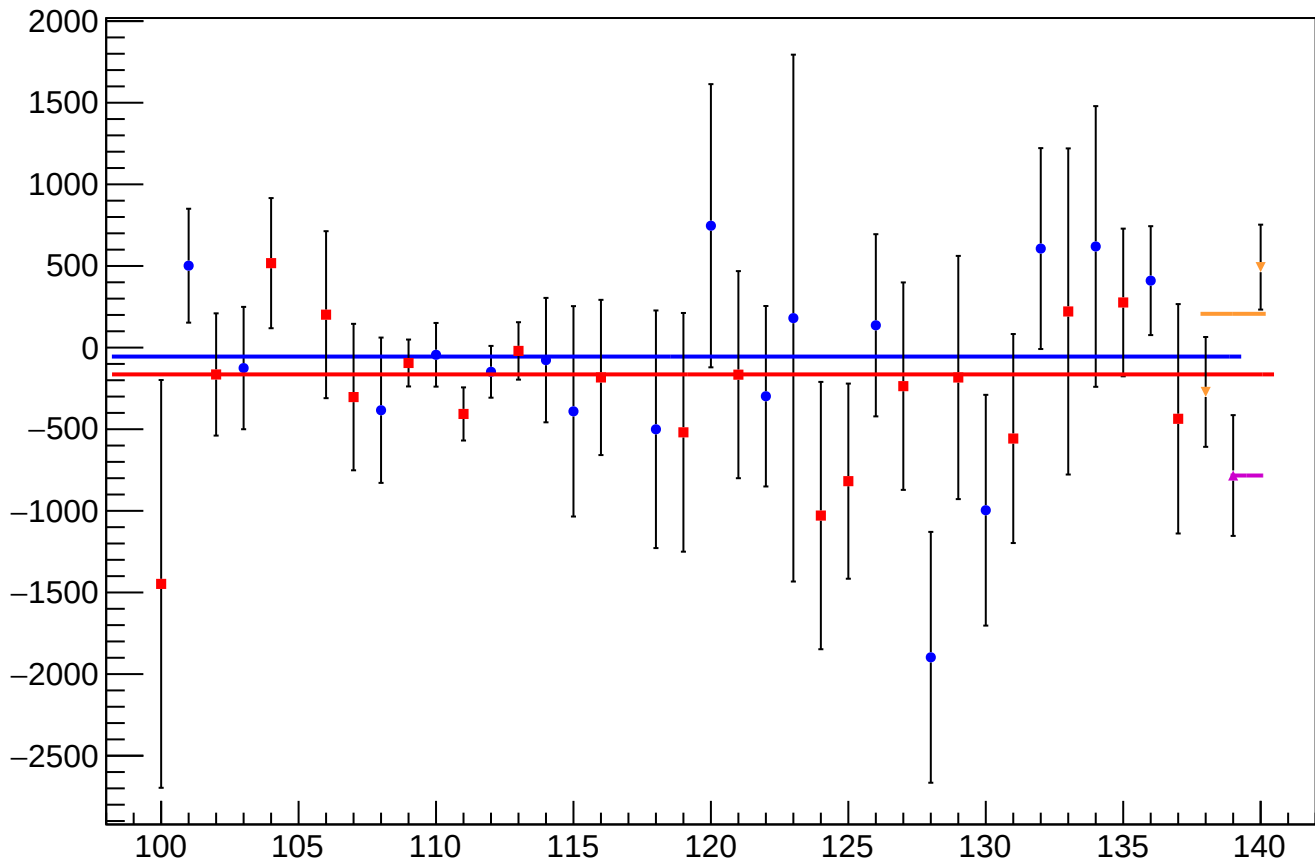
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 335.943+/-0.266 χ^2/NDF : 0.0/0

Out: 265.434+/-0.154 χ^2/NDF : 38197.1/1

All: 283.036+/-0.133 χ^2/NDF : 90830.3/2

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: 206.913 ± 205.804 $\chi^2/\text{NDF}: 3.2/1$

Right Out: -164.141 ± 76.903 $\chi^2/\text{NDF}: 11.9/18$

Left In: -783.561 ± 369.921 $\chi^2/\text{NDF}: 0.0/0$

Left: -27.196 ± 179.845 $\chi^2/\text{NDF}: 8.7/2$

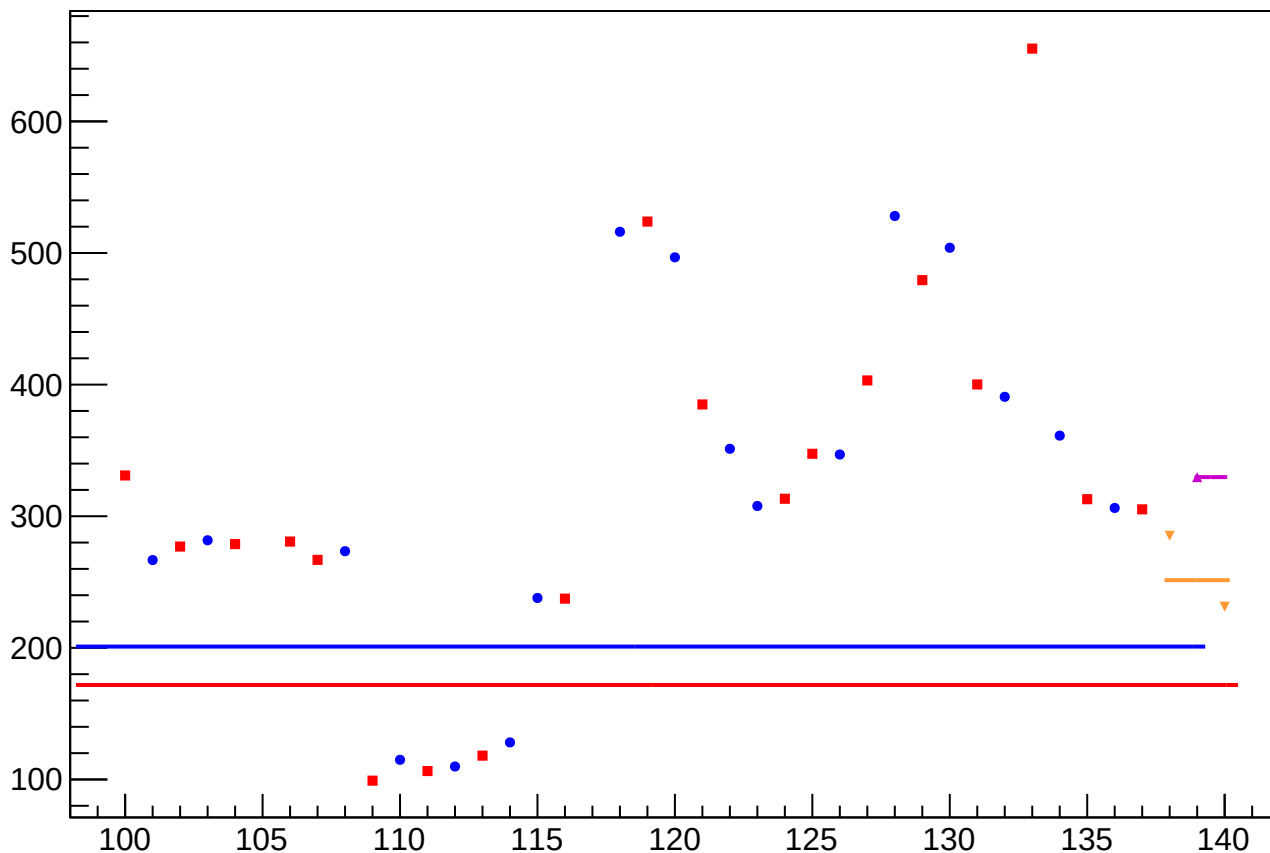
Right: -118.264 ± 58.563 $\chi^2/\text{NDF}: 29.3/35$

In: -95.956 ± 87.775 $\chi^2/\text{NDF}: 20.2/17$

Out: -118.678 ± 72.038 $\chi^2/\text{NDF}: 18.0/20$

All: -109.533 ± 55.685 $\chi^2/\text{NDF}: 38.2/38$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 251.409+/-0.146 χ^2/NDF :32102.5/1

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

Left In: 329.735+/-0.262 χ^2/NDF :0.0/0

Left: 269.922+/-0.127 χ^2/NDF : 100573.2/2

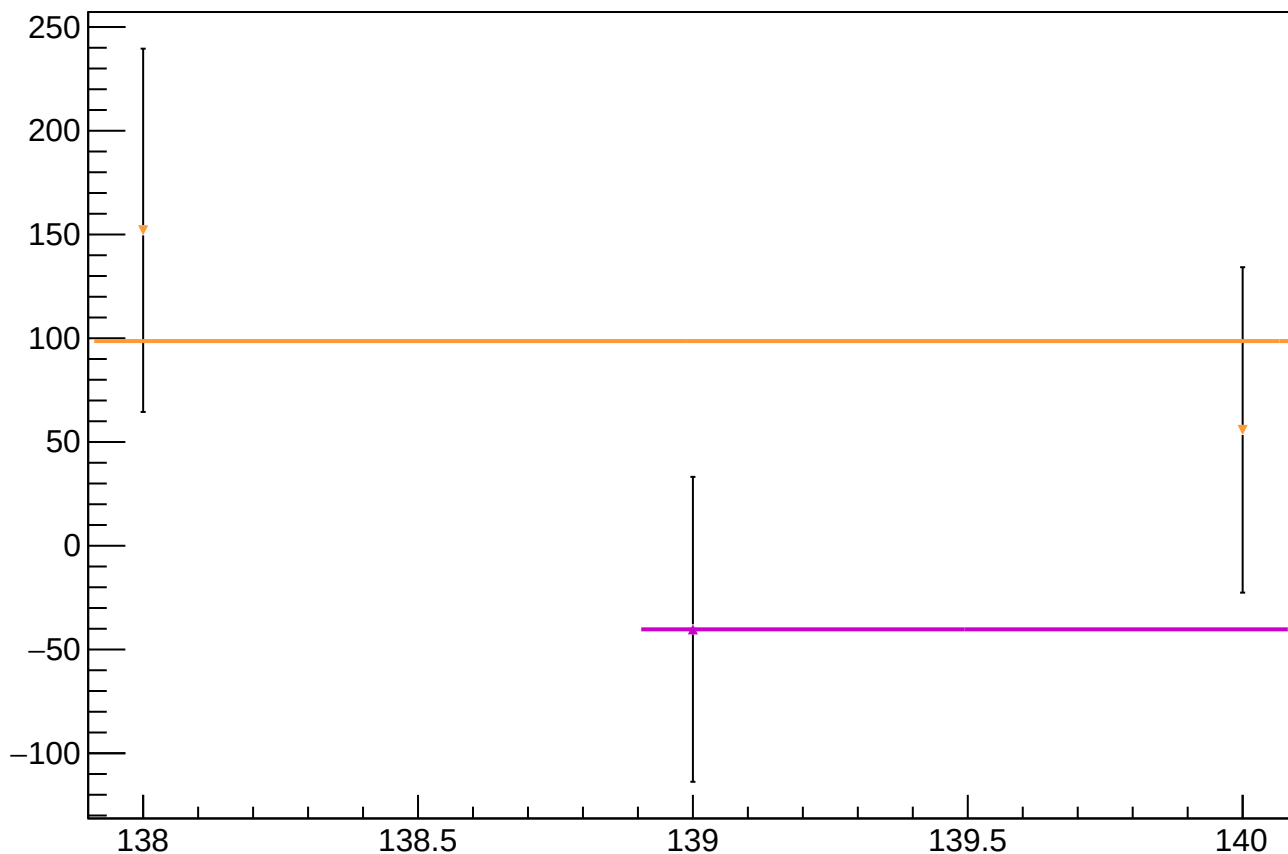
Right: 184.051+/-0.041 χ^2/NDF : 7649725.9/35

In: 208.220+/-0.062 χ^2/NDF :3664836.4/17

Out: 181.549+/-0.051 χ^2/NDF :4387371.6/20

All: 192.283+/-0.039 χ^2/NDF : 8162552.2/38

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 98.649+/-58.408 χ^2/NDF : 0.7/1

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

Left In: -40.280+/-73.475 χ^2/NDF : 0.0/0

Left: 44.852+/-45.722 χ^2/NDF : 2.9/2

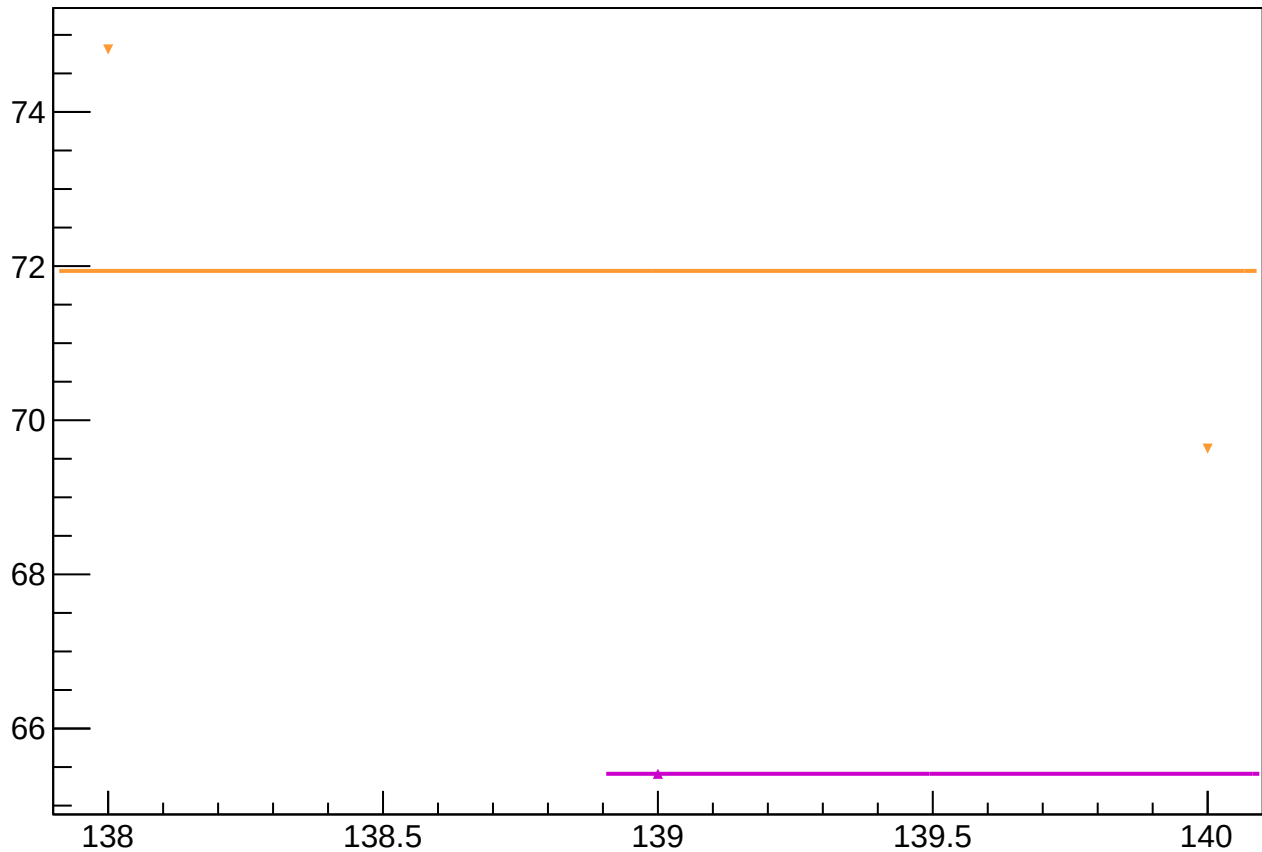
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.280+/-73.475 χ^2/NDF : 0.0/0

Out: 98.649+/-58.408 χ^2/NDF : 0.7/1

All: 44.852+/-45.722 χ^2/NDF : 2.9/2

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



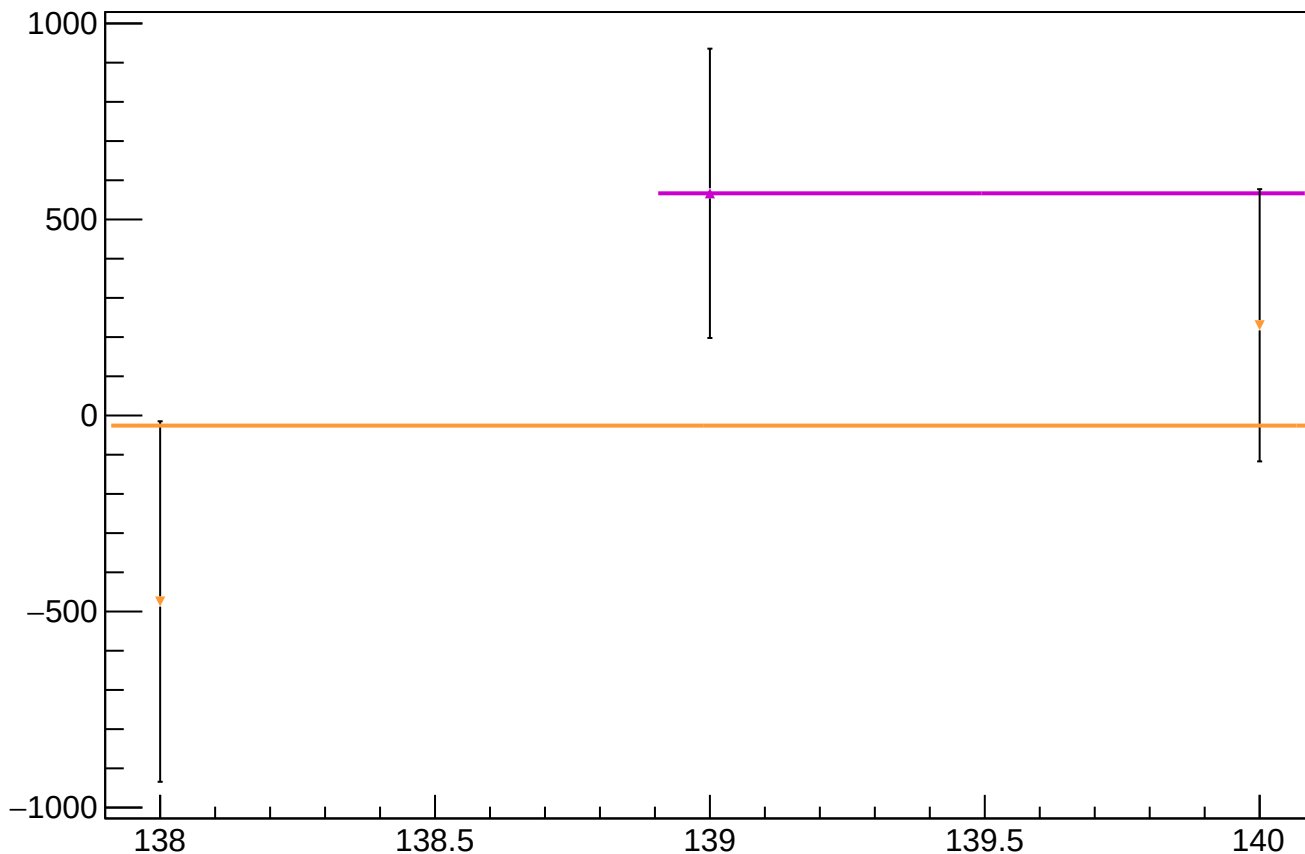
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 71.938 ± 0.041 $\chi^2/\text{NDF}: 3884.3/1$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 65.413 ± 0.052 $\chi^2/\text{NDF}: 0.0/0$

Left: 69.411 ± 0.032 $\chi^2/\text{NDF}: 13549.3/2$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 65.413 ± 0.052 $\chi^2/\text{NDF}: 0.0/0$
 Out: 71.938 ± 0.041 $\chi^2/\text{NDF}: 3884.3/1$

All: 69.411 ± 0.032 $\chi^2/\text{NDF}: 13549.3/2$

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -25.724+/-277.066 χ^2/NDF : 1.5/1

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

Left In: 566.701+/-368.973 χ^2/NDF : 0.0/0

Left: 187.881+/-221.556 χ^2/NDF : 3.1/2

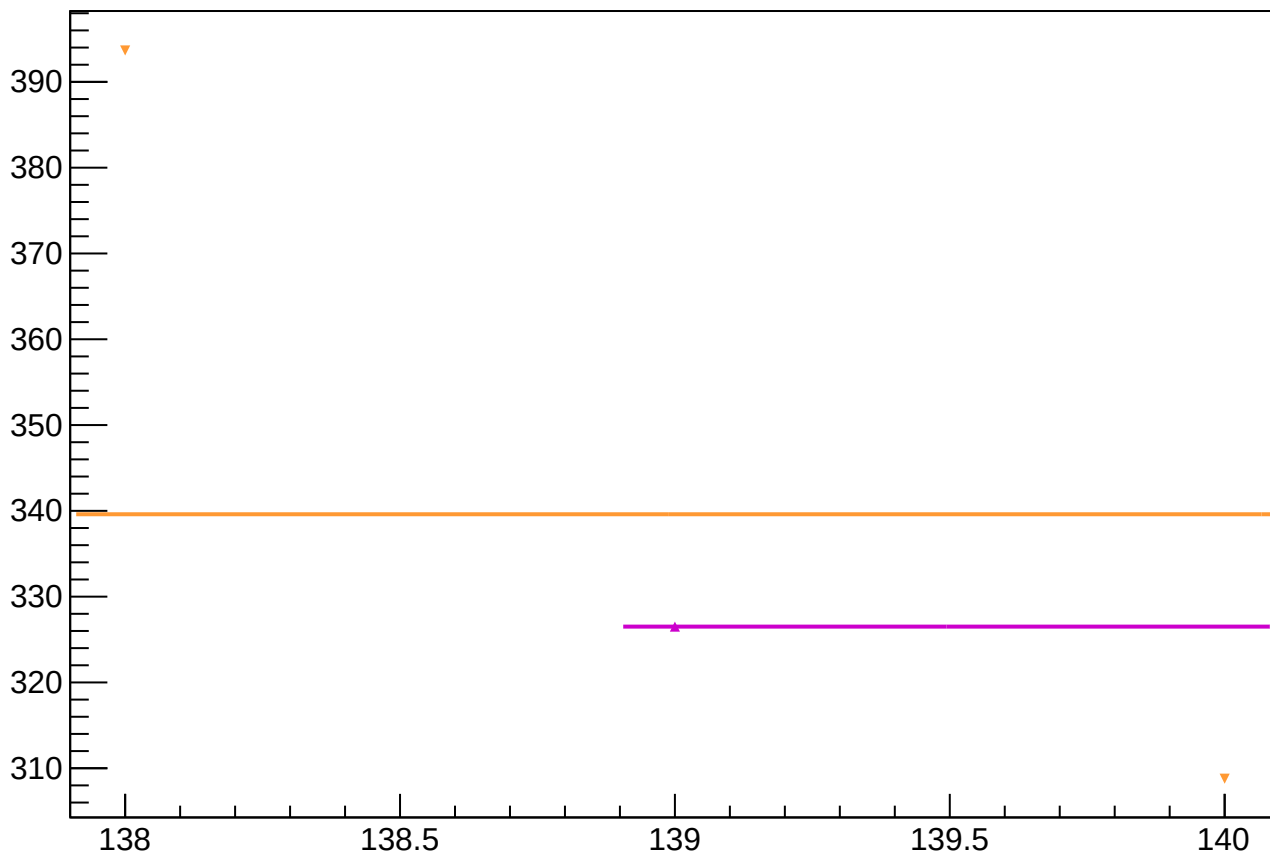
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 566.701+/-368.973 χ^2/NDF : 0.0/0

Out: -25.724+/-277.066 χ^2/NDF : 1.5/1

All: 187.881+/-221.556 χ^2/NDF : 3.1/2

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 339.604+/-0.196 χ^2/NDF :43410.9/1

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

Left In: 326.507+/-0.261 χ^2/NDF :0.0/0

Left: 334.882+/-0.157 χ^2/NDF : 45022.0/2

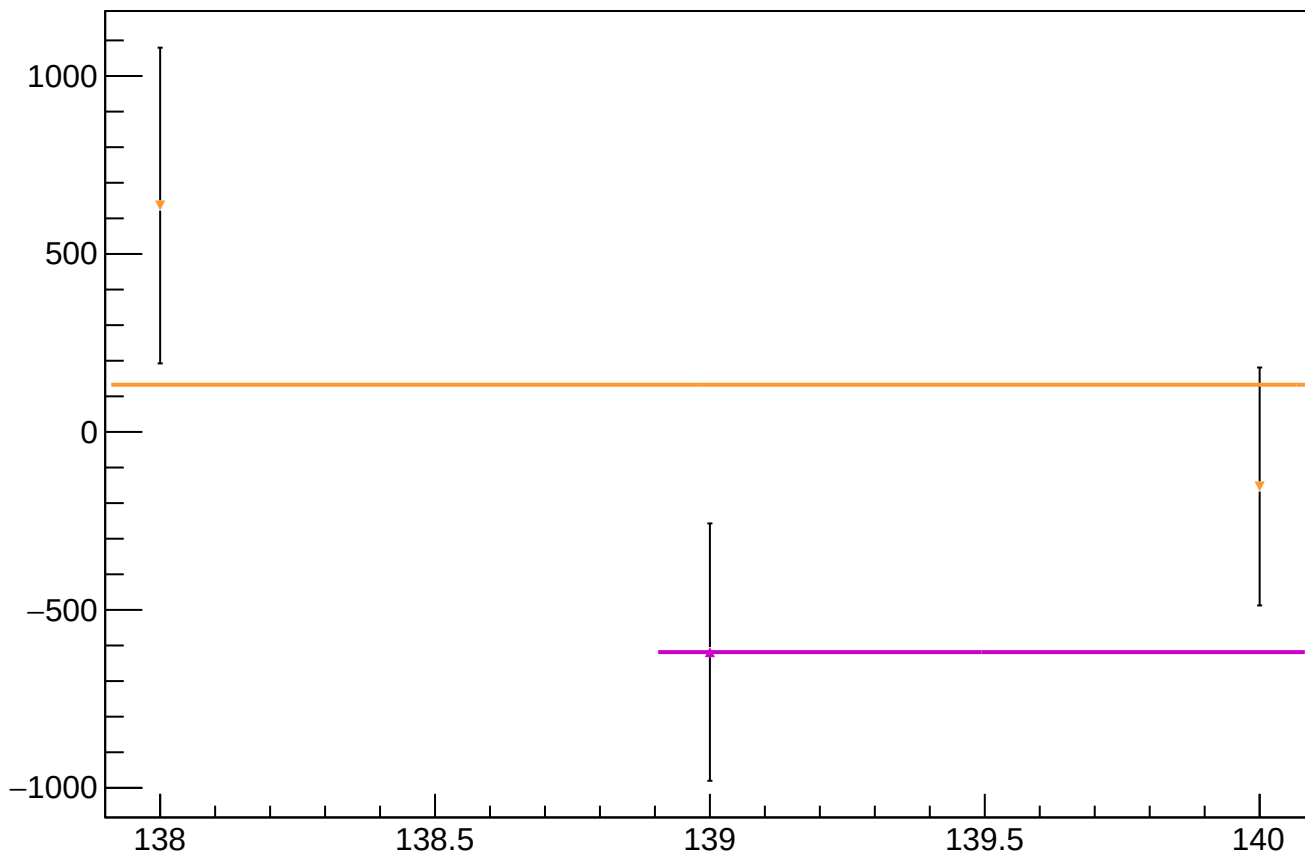
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 326.507+/-0.261 χ^2/NDF :0.0/0

Out: 339.604+/-0.196 χ^2/NDF :43410.9/1

All: 334.882+/-0.157 χ^2/NDF : 45022.0/2

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 132.608+/-266.929 χ^2/NDF : 2.0/1

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

Left In: -618.623+/-361.539 χ^2/NDF : 0.0/0

Left: -132.423+/-214.742 χ^2/NDF : 4.8/2

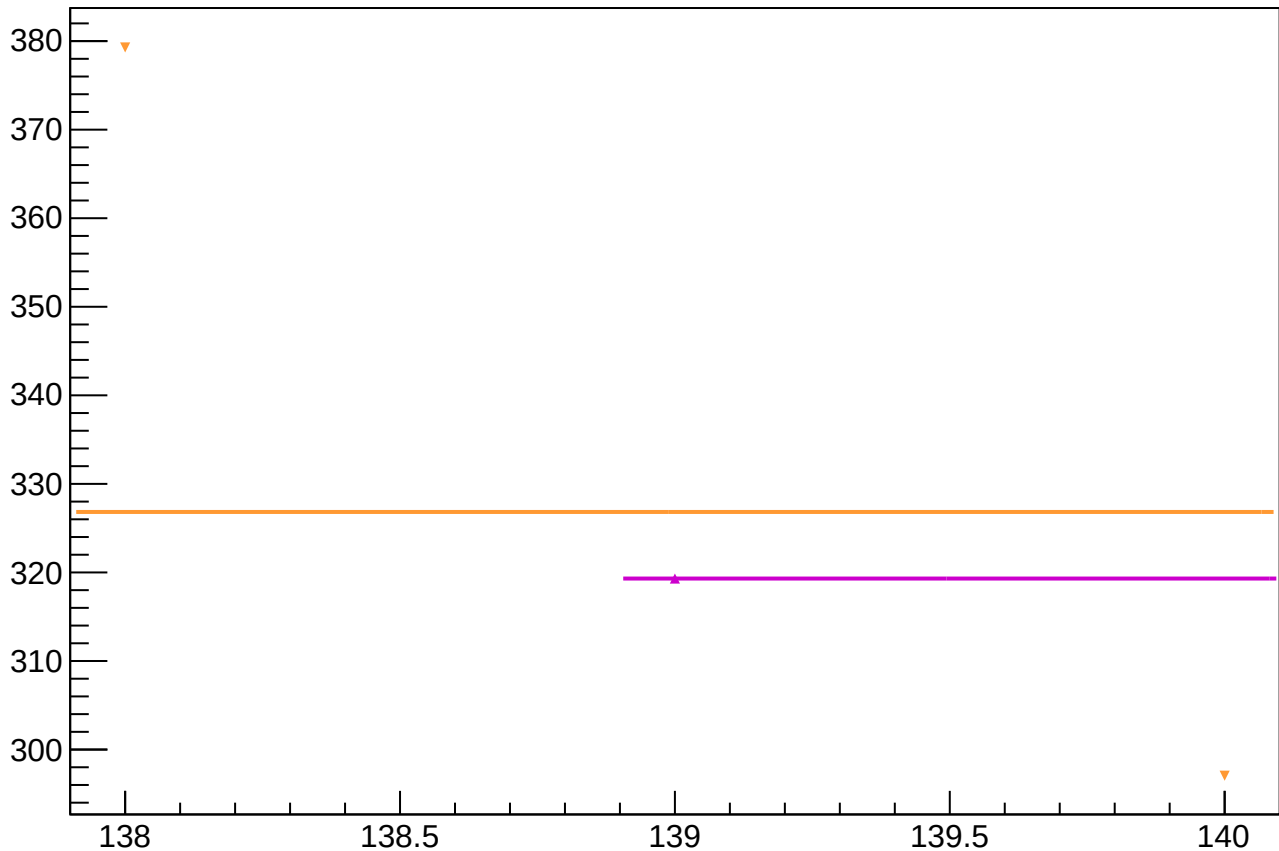
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -618.623+/-361.539 χ^2/NDF : 0.0/0

Out: 132.608+/-266.929 χ^2/NDF : 2.0/1

All: -132.423+/-214.742 χ^2/NDF : 4.8/2

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 326.830+/-0.189 χ^2/NDF : 43851.2/1

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

Left In: 319.310+/-0.256 χ^2/NDF : 0.0/0

Left: 324.177+/-0.152 χ^2/NDF : 44411.1/2

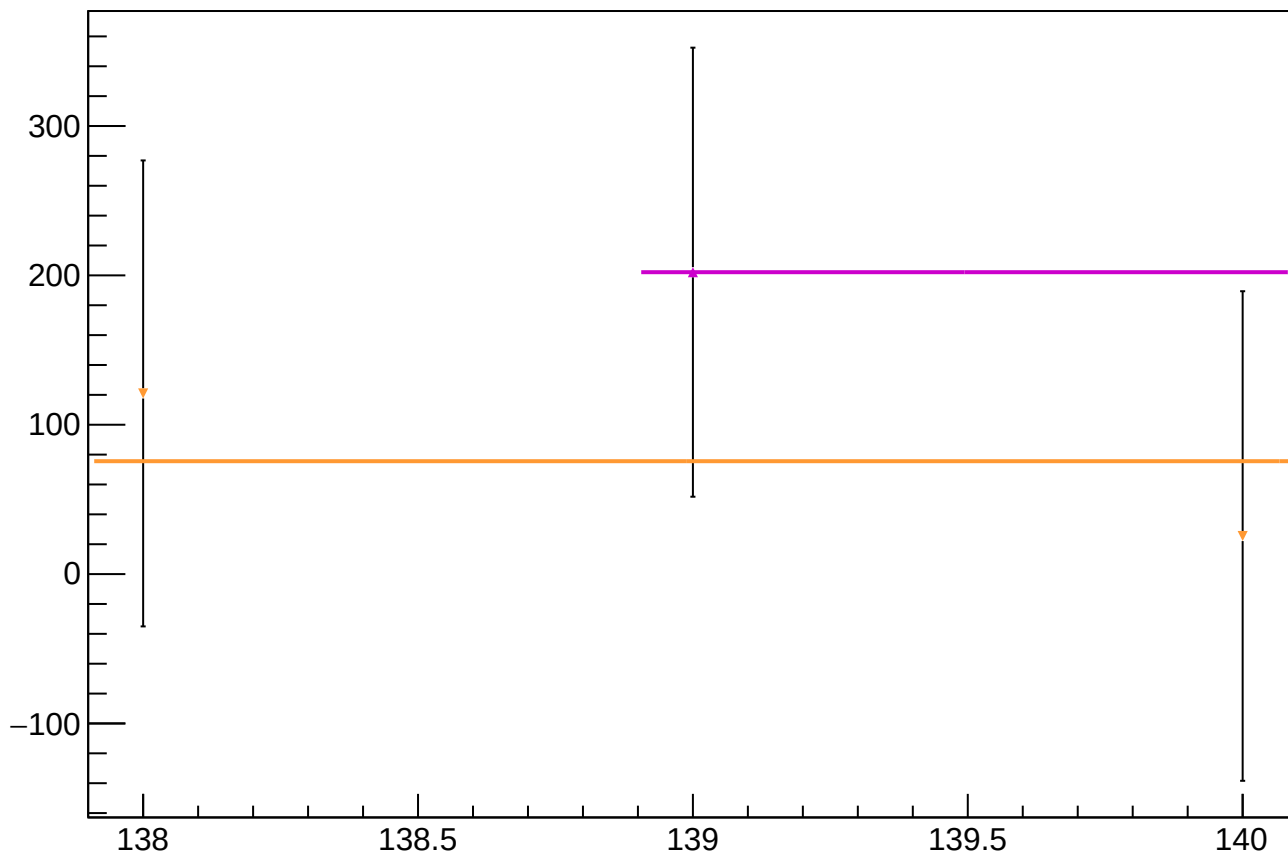
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 319.310+/-0.256 χ^2/NDF : 0.0/0

Out: 326.830+/-0.189 χ^2/NDF : 43851.2/1

All: 324.177+/-0.152 χ^2/NDF : 44411.1/2

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 75.586+/-112.989 χ^2/NDF : 0.2/1

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

Left In: 202.127+/-150.324 χ^2/NDF : 0.0/0

Left: 121.268+/-90.320 χ^2/NDF : 0.6/2

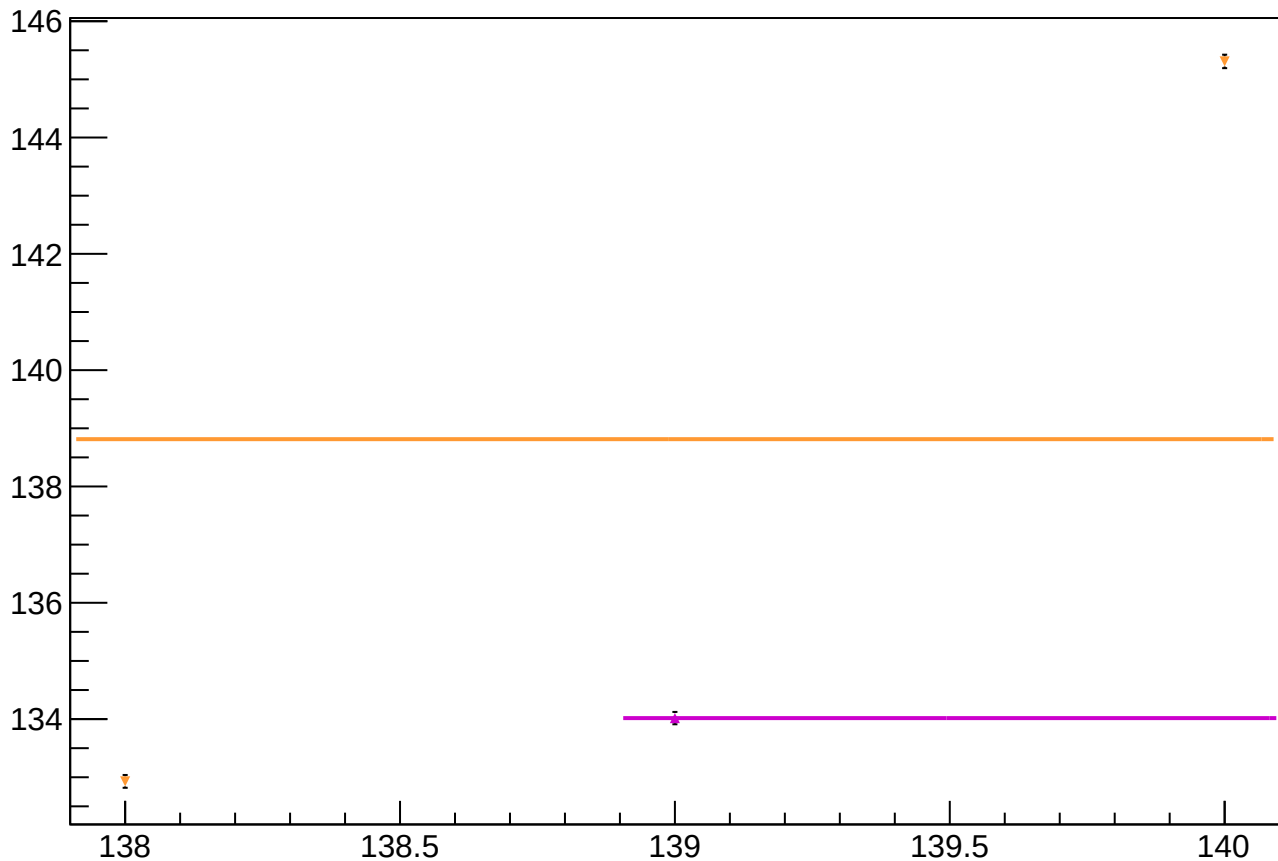
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.127+/-150.324 χ^2/NDF : 0.0/0

Out: 75.586+/-112.989 χ^2/NDF : 0.2/1

All: 121.268+/-90.320 χ^2/NDF : 0.6/2

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 138.813+/-0.080 χ^2/NDF : 5987.6/1

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

Left In: 134.017+/-0.106 χ^2/NDF : 0.0/0

Left: 137.082+/-0.064 χ^2/NDF : 7288.6/2

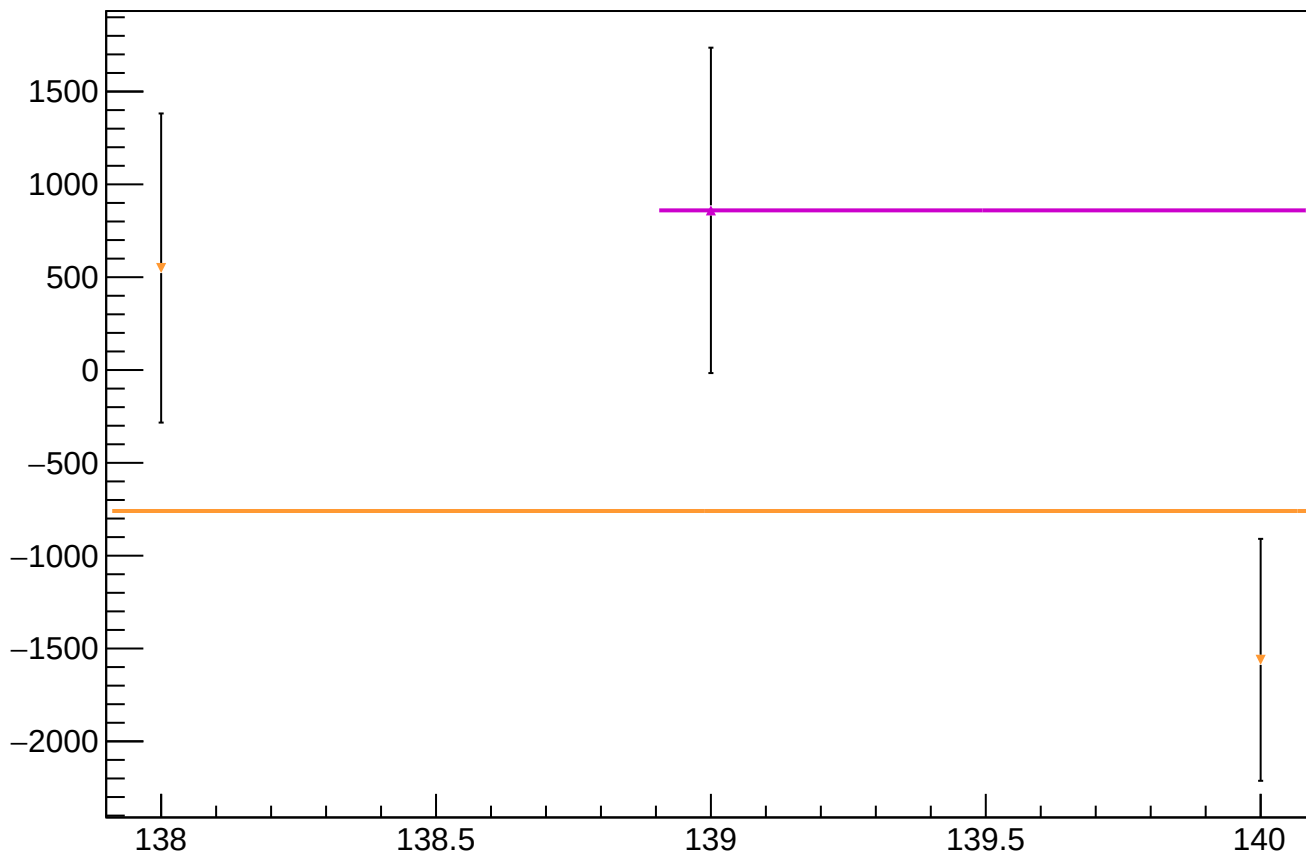
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.017+/-0.106 χ^2/NDF : 0.0/0

Out: 138.813+/-0.080 χ^2/NDF : 5987.6/1

All: 137.082+/-0.064 χ^2/NDF : 7288.6/2

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -759.326+/-513.104 χ^2/NDF : 4.0/1

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

Left In: 859.901+/-876.349 χ^2/NDF : 0.0/0

Left: -345.947+/-442.790 χ^2/NDF : 6.5/2

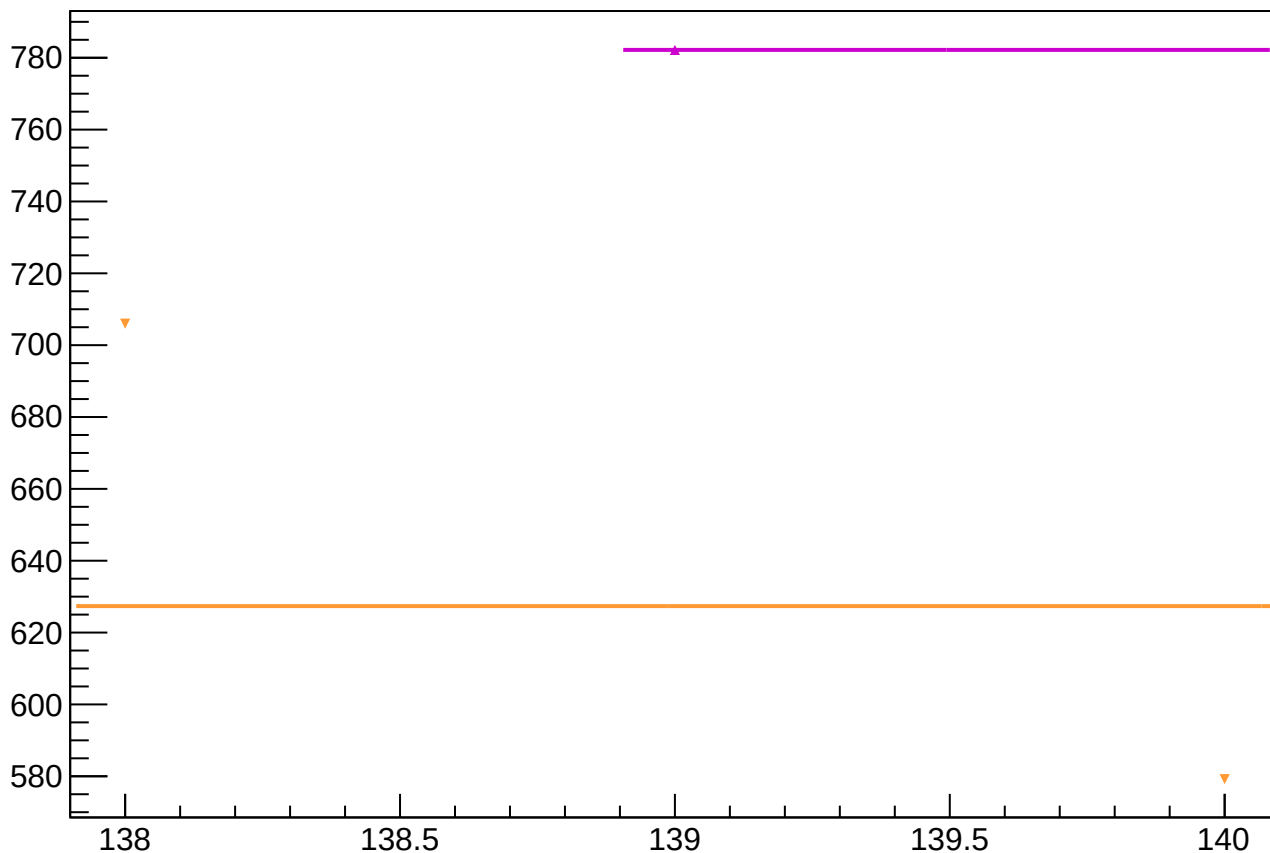
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 859.901+/-876.349 χ^2/NDF : 0.0/0

Out: -759.326+/-513.104 χ^2/NDF : 4.0/1

All: -345.947+/-442.790 χ^2/NDF : 6.5/2

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 627.363+/-0.363 χ^2/NDF : 28766.7/1

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

Left In: 782.190+/-0.620 χ^2/NDF : 0.0/0

Left: 666.890+/-0.313 χ^2/NDF : 75256.2/2

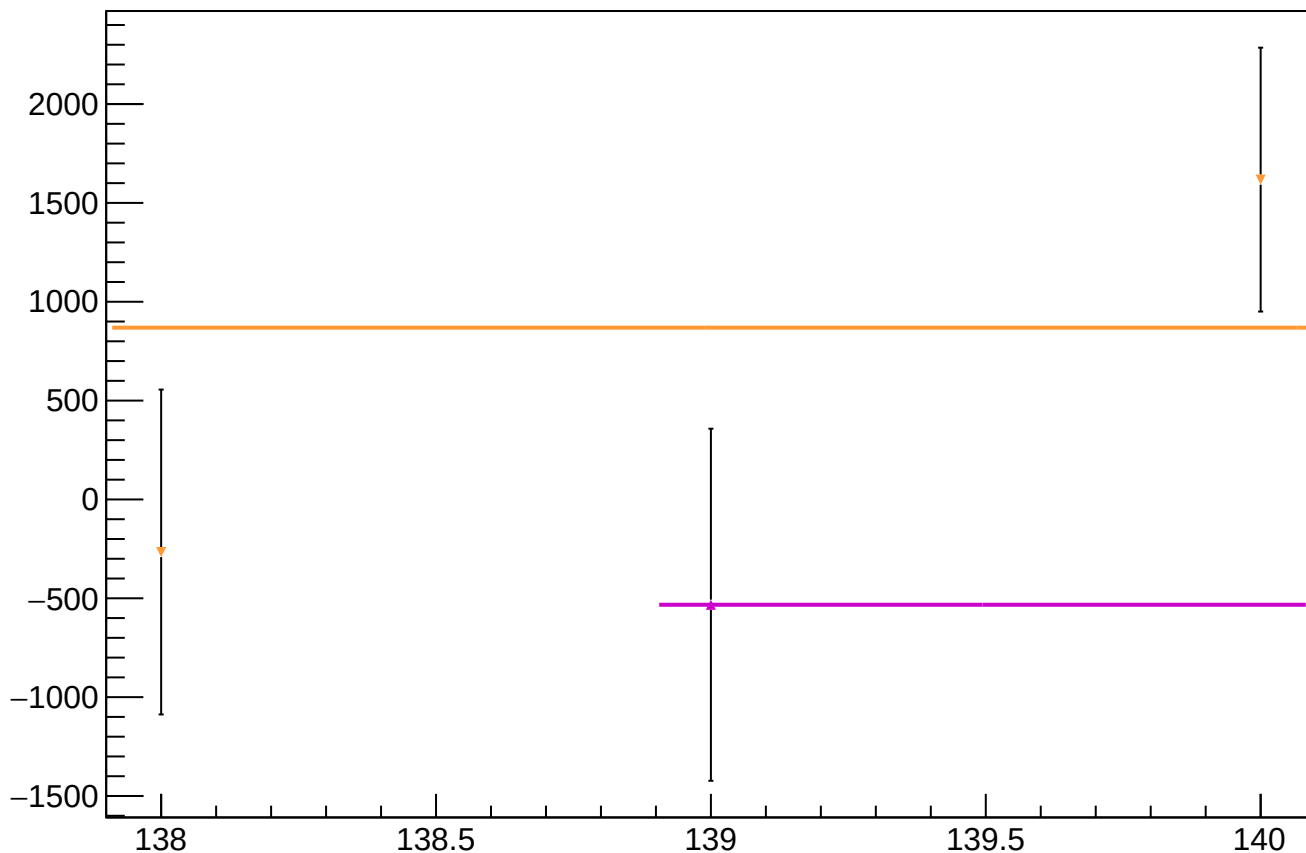
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 782.190+/-0.620 χ^2/NDF : 0.0/0

Out: 627.363+/-0.363 χ^2/NDF : 28766.7/1

All: 666.890+/-0.313 χ^2/NDF : 75256.2/2

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 869.108+/-518.014 χ^2/NDF : 3.2/1

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

Left In: -532.668+/-890.474 χ^2/NDF : 0.0/0

Left: 514.678+/-447.762 χ^2/NDF : 5.0/2

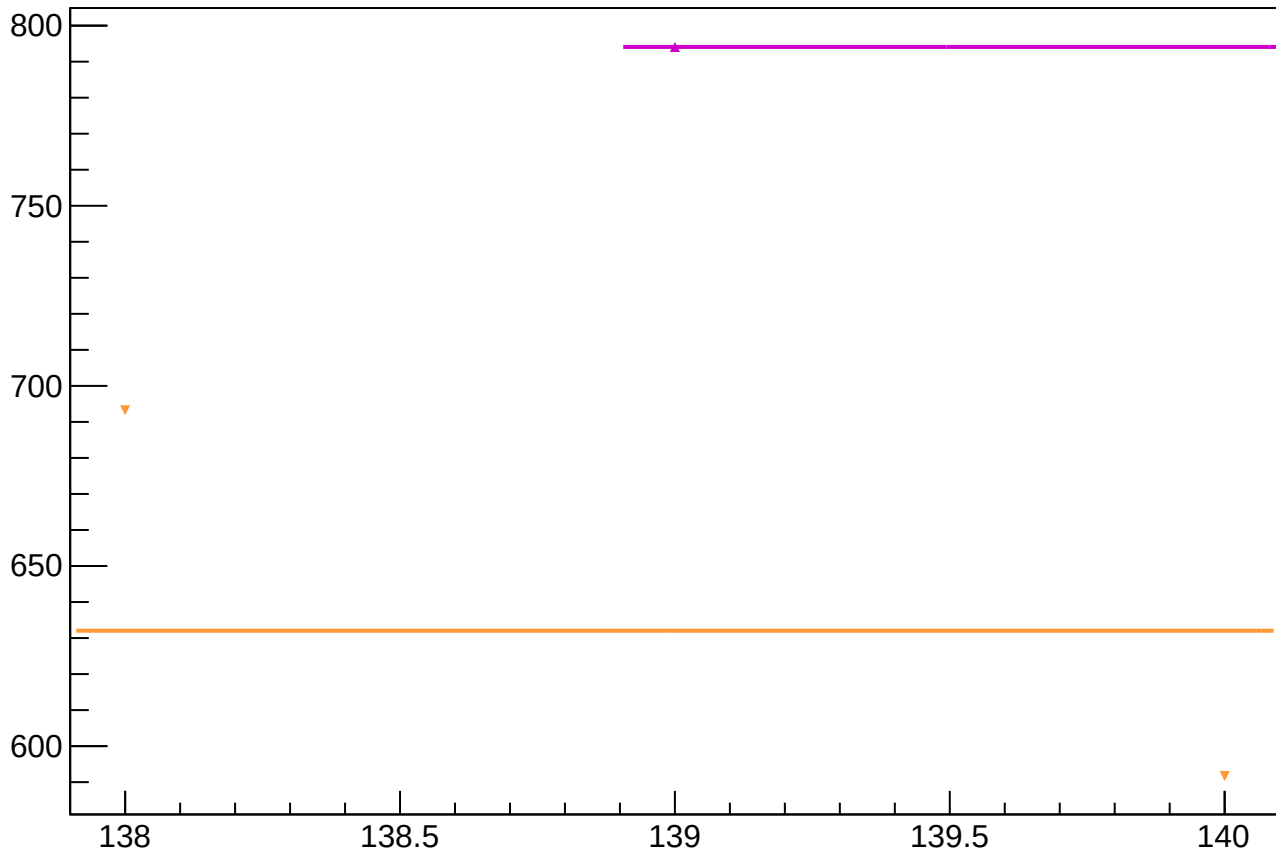
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -532.668+/-890.474 χ^2/NDF : 0.0/0

Out: 869.108+/-518.014 χ^2/NDF : 3.2/1

All: 514.678+/-447.762 χ^2/NDF : 5.0/2

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 632.044+/-0.366 χ^2/NDF :18406.4/1

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

Left In: 794.089+/-0.630 χ^2/NDF :0.0/0

Left: 673.016+/-0.317 χ^2/NDF : 67891.1/2

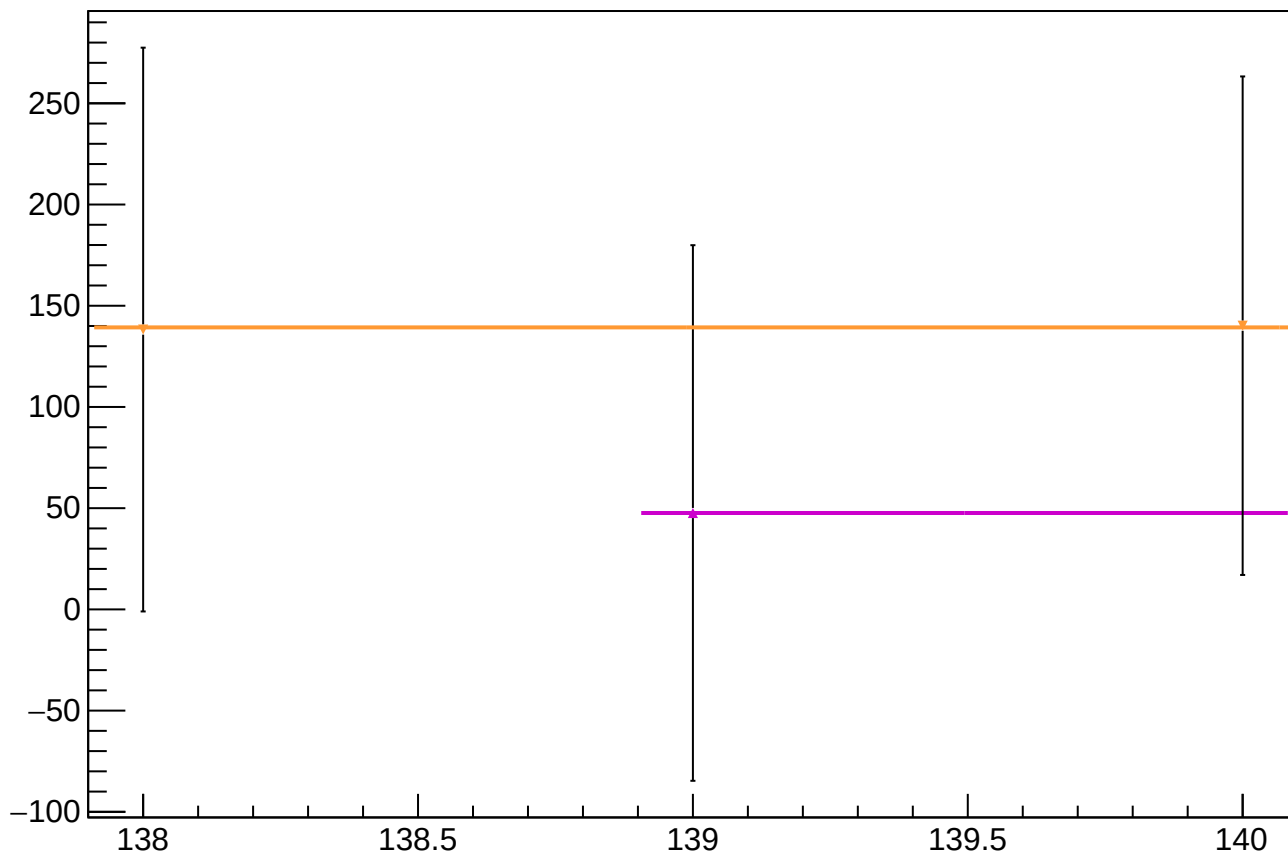
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 794.089+/-0.630 χ^2/NDF :0.0/0

Out: 632.044+/-0.366 χ^2/NDF :18406.4/1

All: 673.016+/-0.317 χ^2/NDF : 67891.1/2

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 139.305+/-92.240 χ^2/NDF : 0.0/1

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

Left In: 47.621+/-132.292 χ^2/NDF : 0.0/0

Left: 109.313+/-75.664 χ^2/NDF : 0.3/2

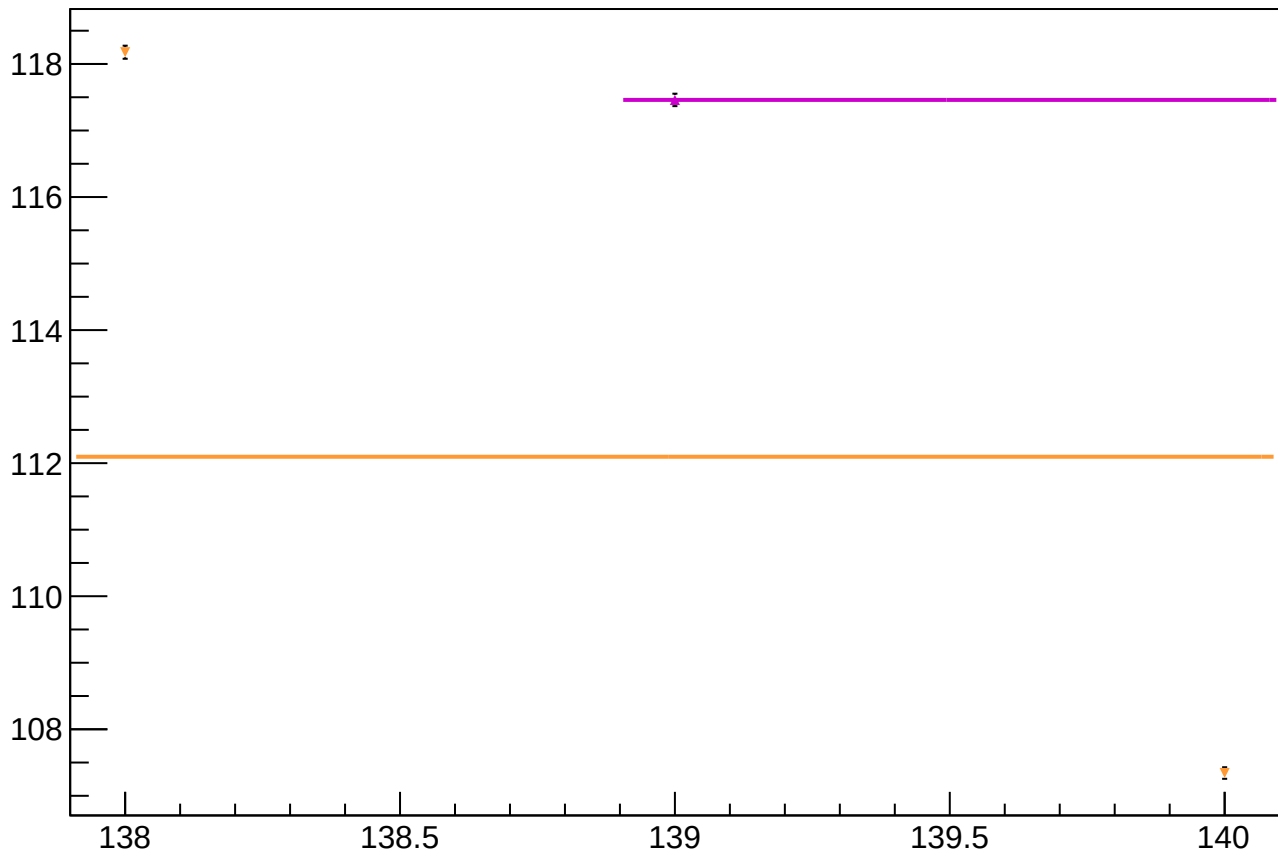
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.621+/-132.292 χ^2/NDF : 0.0/0

Out: 139.305+/-92.240 χ^2/NDF : 0.0/1

All: 109.313+/-75.664 χ^2/NDF : 0.3/2

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.096+/-0.065 χ^2/NDF : 6794.3/1

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

Left In: 117.460+/-0.094 χ^2/NDF : 0.0/0

Left: 113.851+/-0.054 χ^2/NDF : 9006.4/2

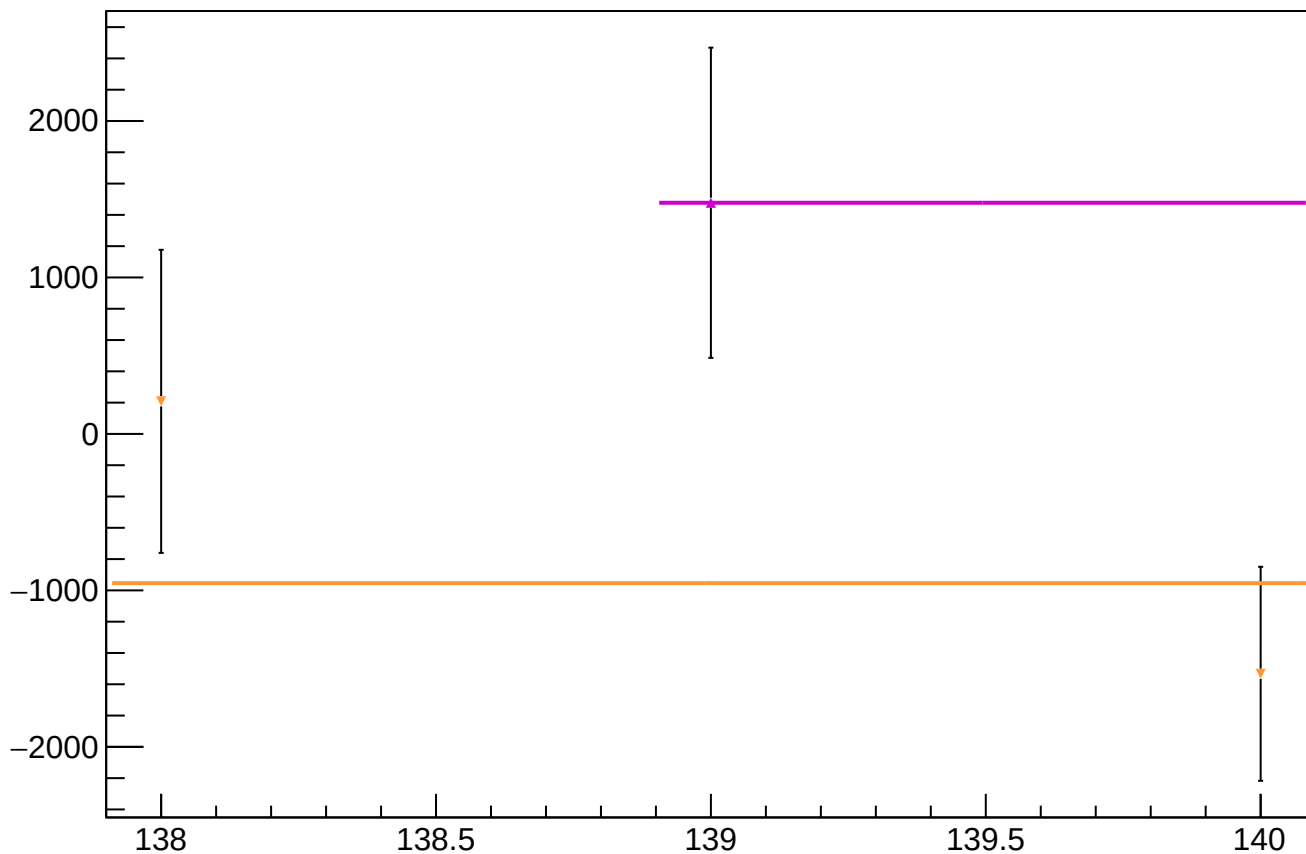
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 117.460+/-0.094 χ^2/NDF : 0.0/0

Out: 112.096+/-0.065 χ^2/NDF : 6794.3/1

All: 113.851+/-0.054 χ^2/NDF : 9006.4/2

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -953.733+/-558.661 χ^2 /NDF:2.2/1

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

Left In: 1477.350+/-991.297 χ^2 /NDF:0.0/0

Left: -367.726+/-486.693 χ^2 /NDF: 6.7/2

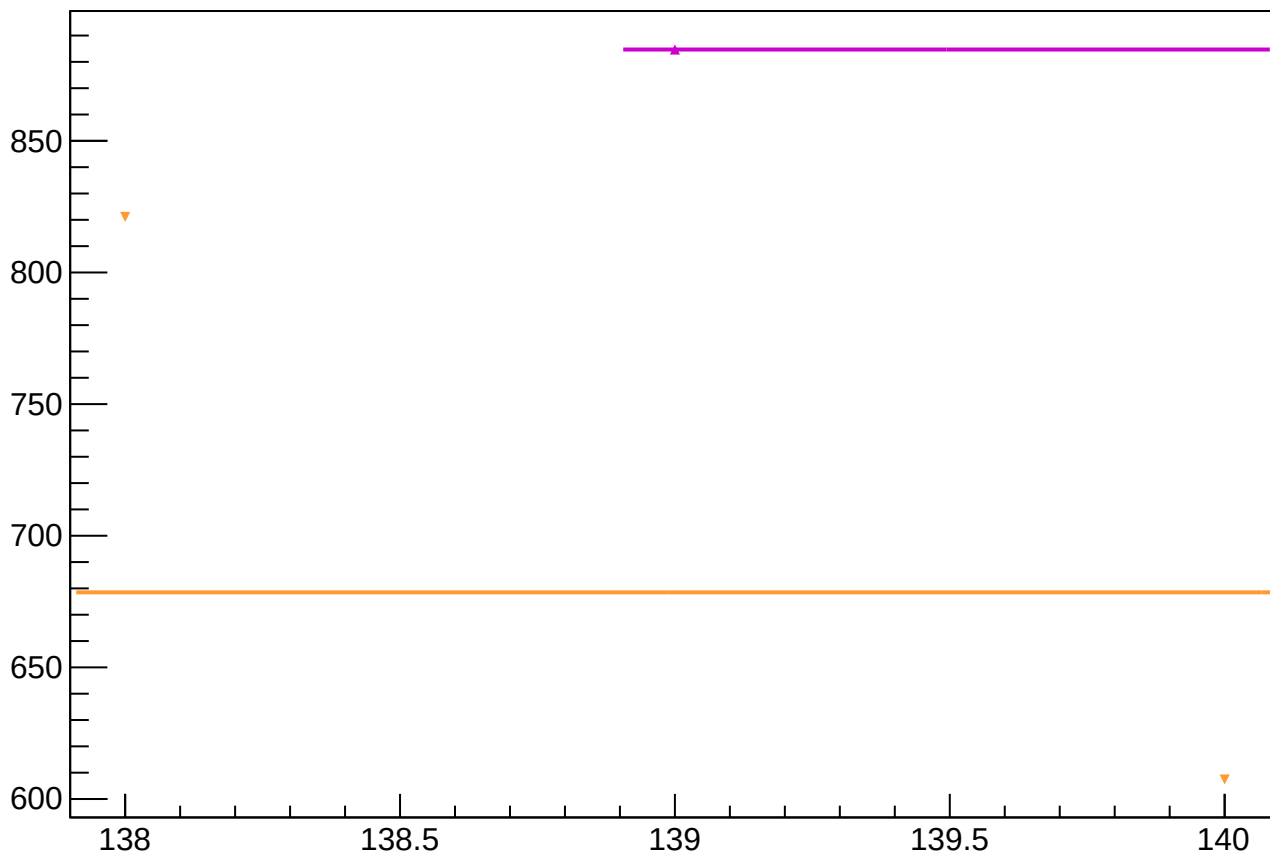
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 1477.350+/-991.297 χ^2 /NDF:0.0/0

Out: -953.733+/-558.661 χ^2 /NDF:2.2/1

All: -367.726+/-486.693 χ^2 /NDF: 6.7/2

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 678.501+/-0.395 χ^2/NDF : 64970.5/1

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

Left In: 884.692+/-0.701 χ^2/NDF : 0.0/0

Left: 728.203+/-0.344 χ^2/NDF : 130642.2/2

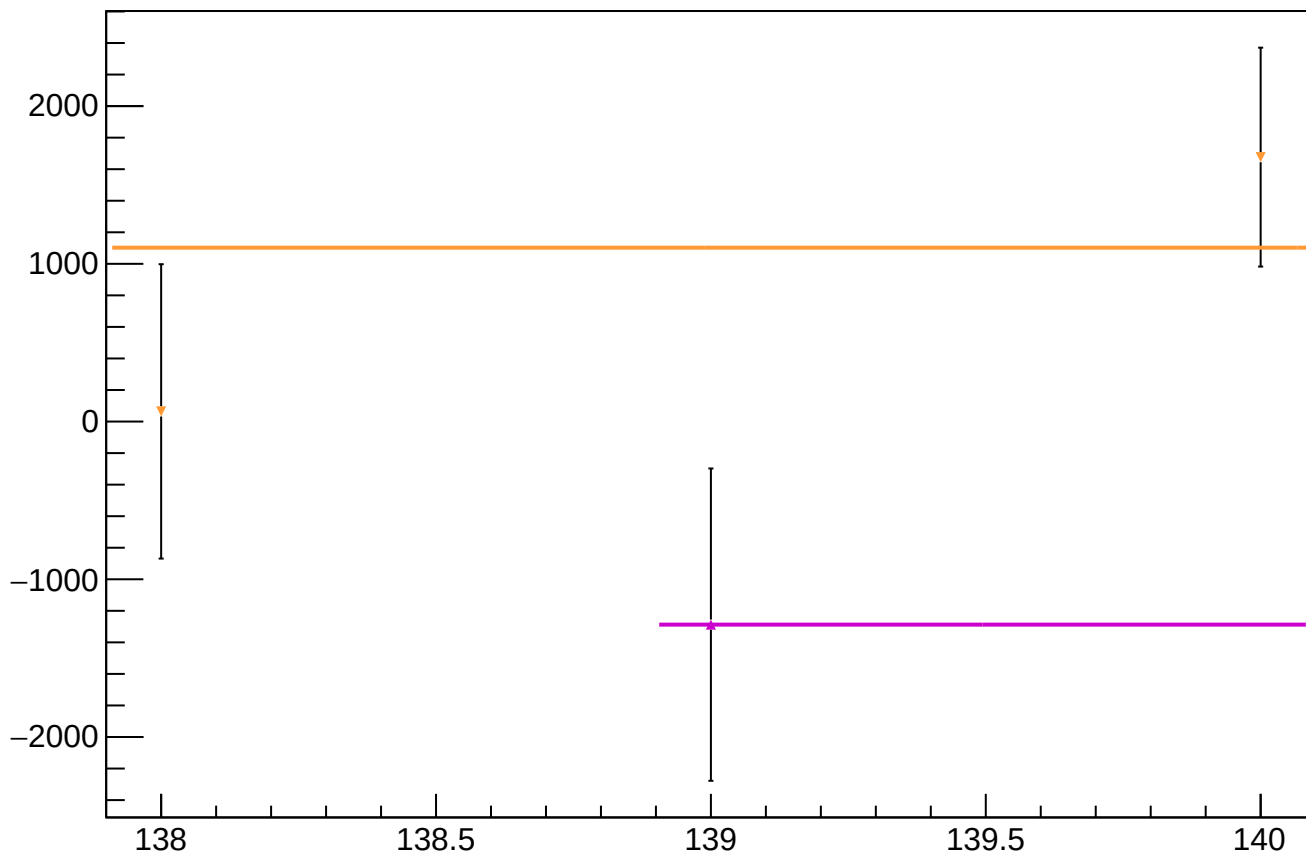
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 884.692+/-0.701 χ^2/NDF : 0.0/0

Out: 678.501+/-0.395 χ^2/NDF : 64970.5/1

All: 728.203+/-0.344 χ^2/NDF : 130642.2/2

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 1102.463+/-556.872 χ^2/NDF : 1.9/1

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

Left In: -1287.571+/-990.108 χ^2/NDF : 0.0/0

Left: 528.104+/-485.369 χ^2/NDF : 6.3/2

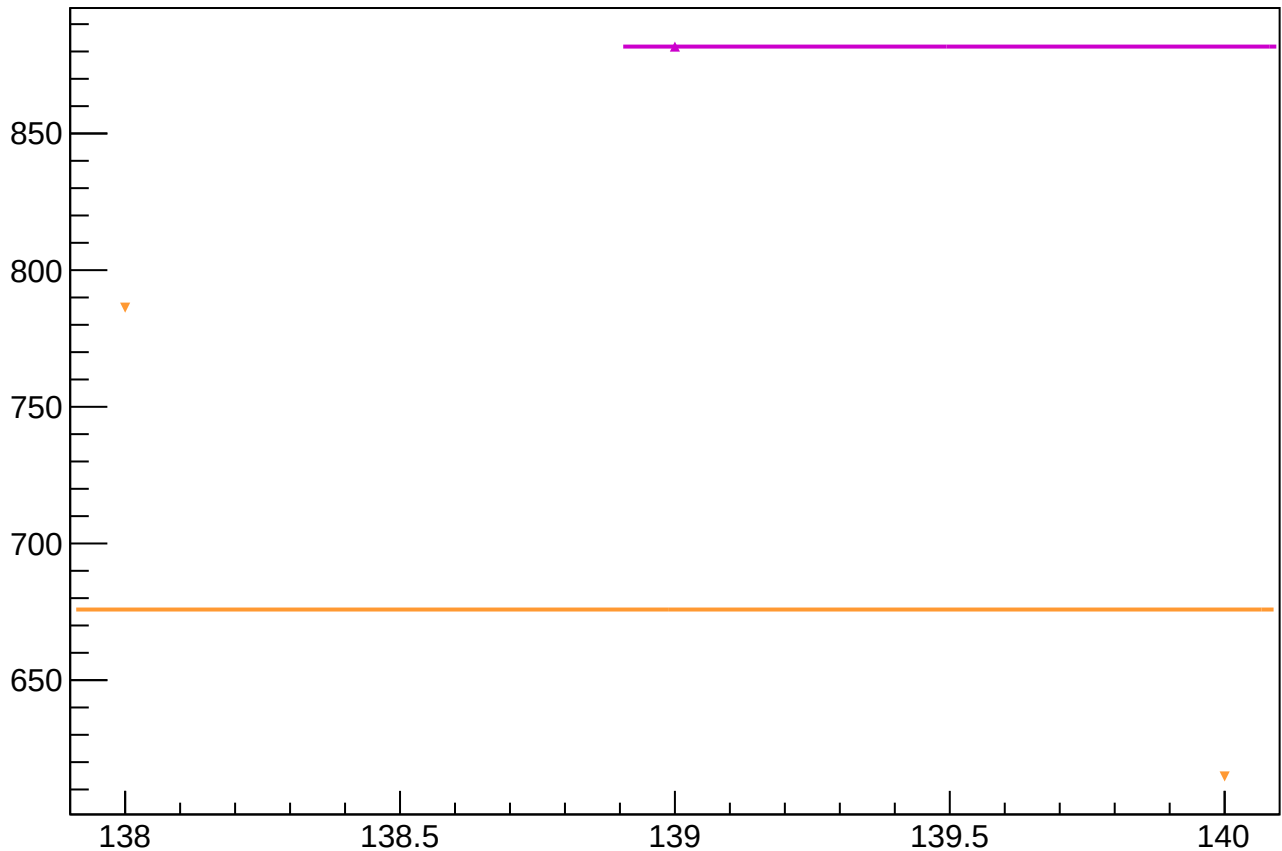
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1287.571+/-990.108 χ^2/NDF : 0.0/0

Out: 1102.463+/-556.872 χ^2/NDF : 1.9/1

All: 528.104+/-485.369 χ^2/NDF : 6.3/2

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 675.836+/-0.394 χ^2/NDF : 43500.4/1

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

Left In: 881.793+/-0.700 χ^2/NDF : 0.0/0

Left: 725.331+/-0.343 χ^2/NDF : 109243.5/2

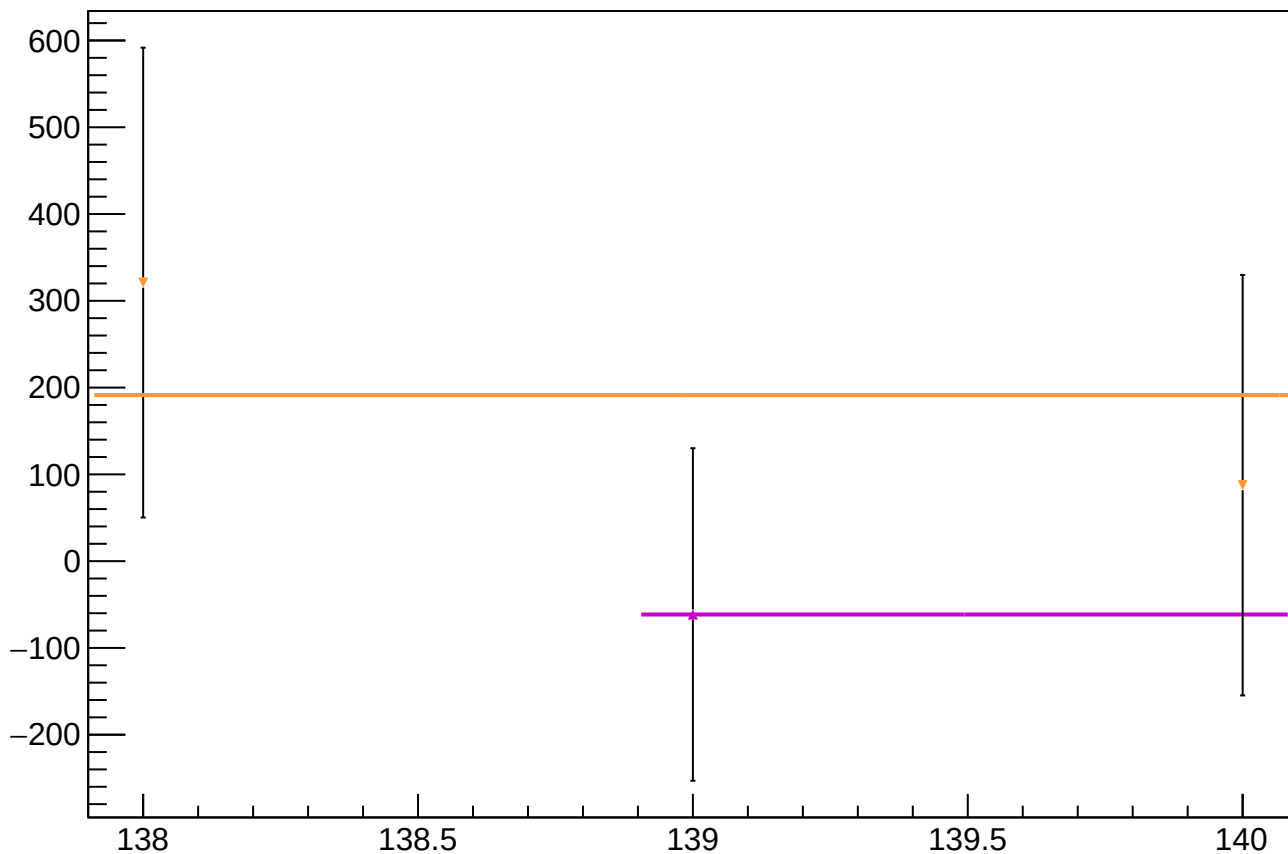
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 881.793+/-0.700 χ^2/NDF : 0.0/0

Out: 675.836+/-0.394 χ^2/NDF : 43500.4/1

All: 725.331+/-0.343 χ^2/NDF : 109243.5/2

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 191.384+/-180.524 χ^2/NDF : 0.4/1

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

Left In: -61.488+/-191.623 χ^2/NDF : 0.0/0

Left: 72.484+/-131.398 χ^2/NDF : 1.3/2

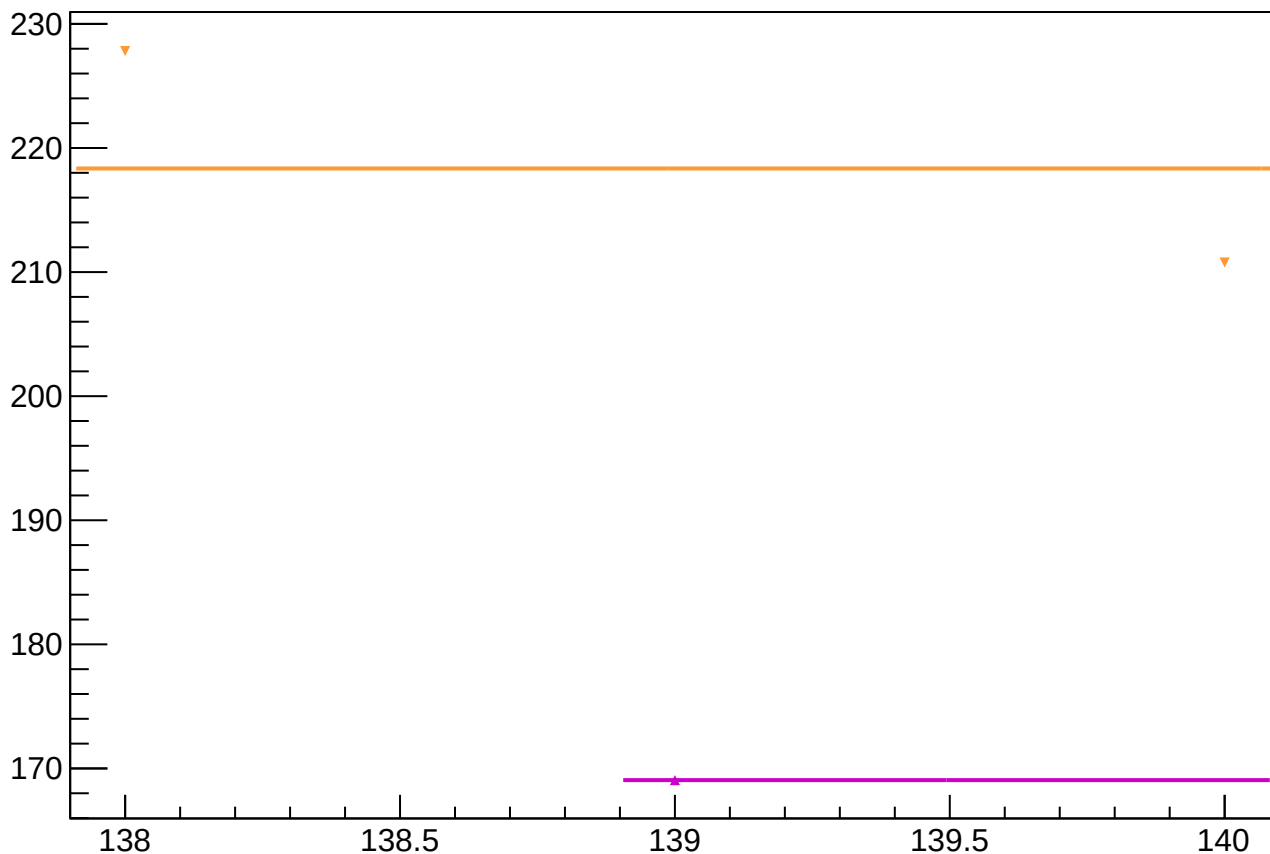
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -61.488+/-191.623 χ^2/NDF : 0.0/0

Out: 191.384+/-180.524 χ^2/NDF : 0.4/1

All: 72.484+/-131.398 χ^2/NDF : 1.3/2

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 218.350 $\pm$ 0.128 χ^2 /NDF:4401.9/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 169.059 $\pm$ 0.135 χ^2 /NDF:0.0/0

Left: 195.173 $\pm$ 0.093 χ^2 /NDF: 74510.8/2

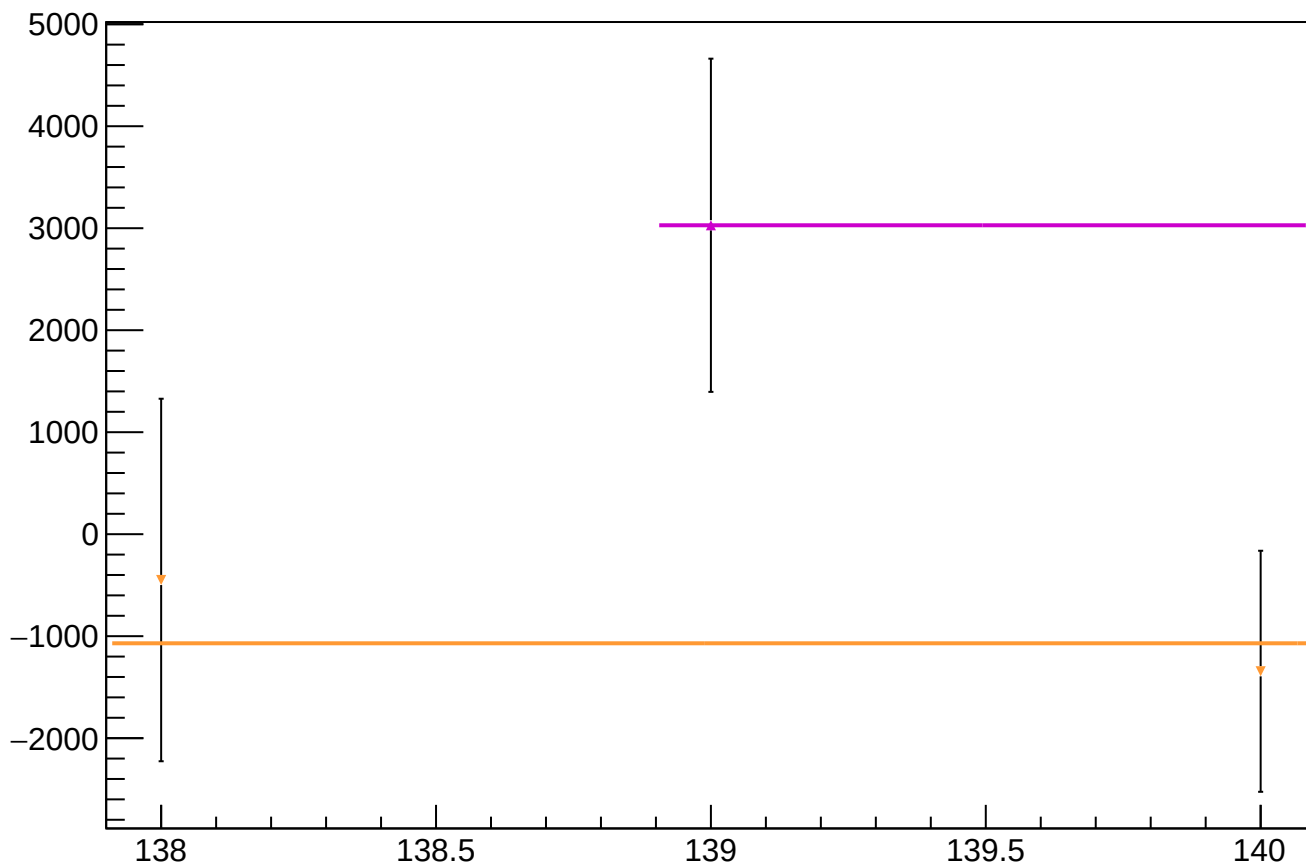
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 169.059 $\pm$ 0.135 χ^2 /NDF:0.0/0

Out: 218.350 $\pm$ 0.128 χ^2 /NDF:4401.9/1

All: 195.173 $\pm$ 0.093 χ^2 /NDF: 74510.8/2

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1069.743+/-983.998 χ^2/NDF : 0.2/1

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

Left In: 3028.828+/-1633.476 χ^2/NDF : 0.0/0

Left: 21.541+/-842.879 χ^2/NDF : 4.8/2

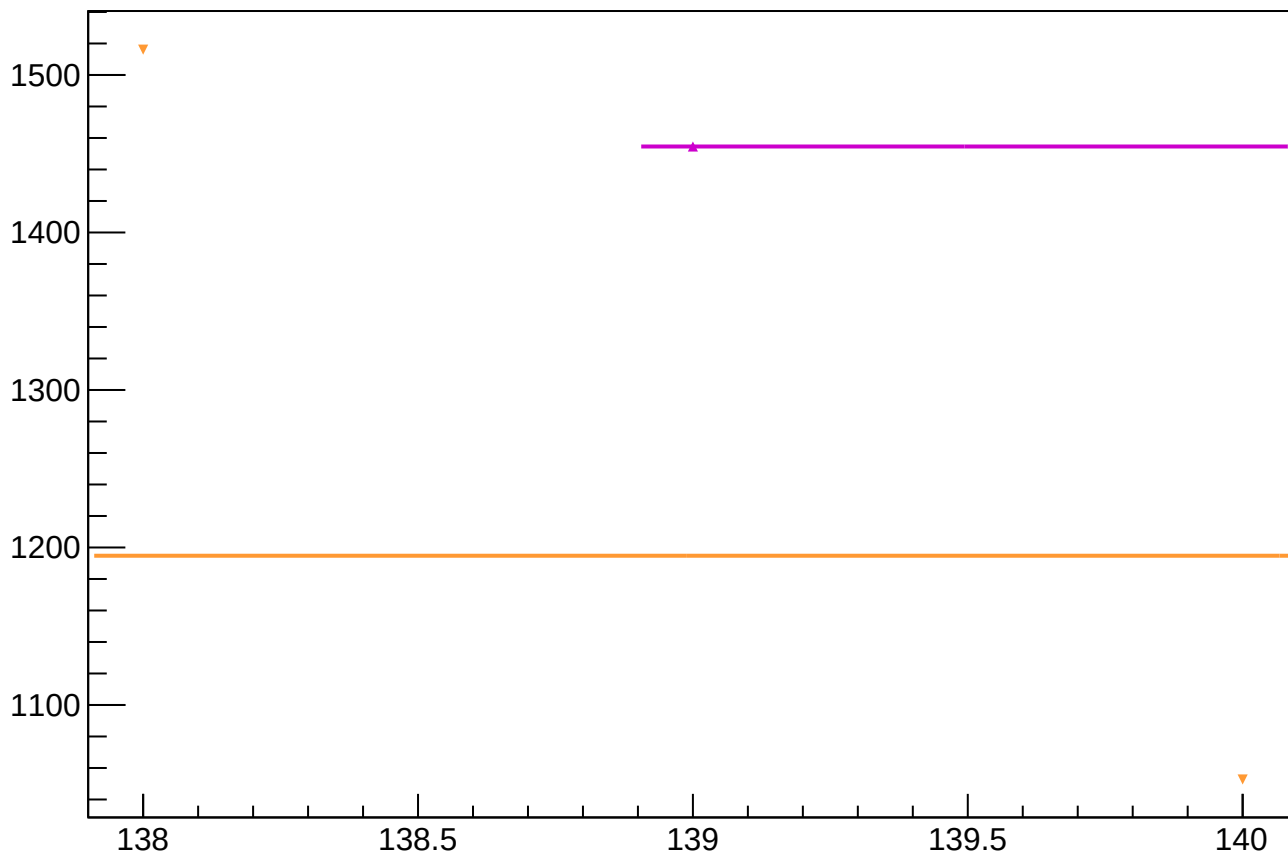
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3028.828+/-1633.476 χ^2/NDF : 0.0/0

Out: -1069.743+/-983.998 χ^2/NDF : 0.2/1

All: 21.541+/-842.879 χ^2/NDF : 4.8/2

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1194.761+/-0.696 χ^2 /NDF:94288.1/1

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

Left In: 1454.593+/-1.155 χ^2 /NDF:0.0/0

Left: 1263.944+/-0.596 χ^2 /NDF: 131418.8/2

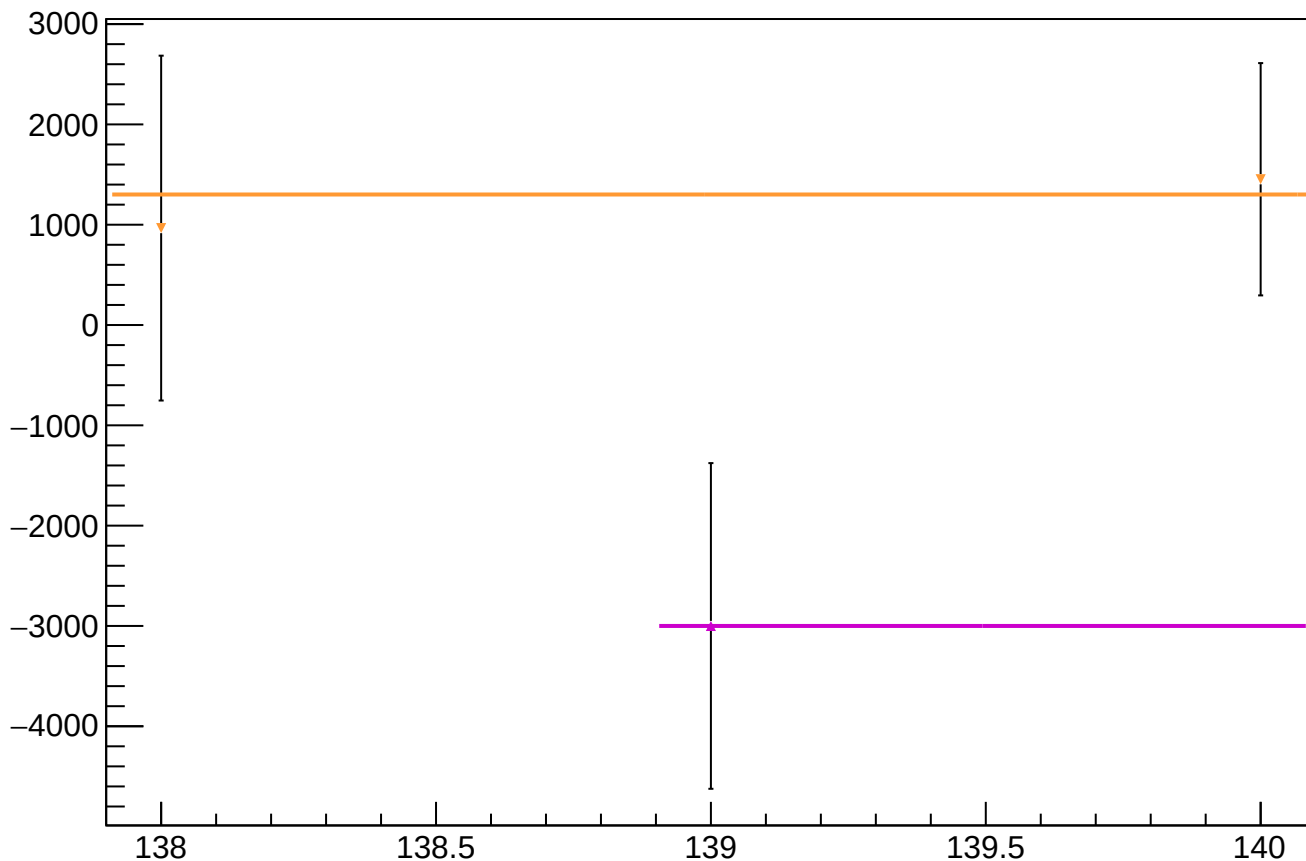
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 1454.593+/-1.155 χ^2 /NDF:0.0/0

Out: 1194.761+/-0.696 χ^2 /NDF:94288.1/1

All: 1263.944+/-0.596 χ^2 /NDF: 131418.8/2

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 1301.182 $\pm$ 960.368 χ^2/NDF : 0.1/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -3000.057 $\pm$ 1623.445 χ^2/NDF : 0.0/0

Left: 186.175 $\pm$ 826.570 χ^2/NDF : 5.3/2

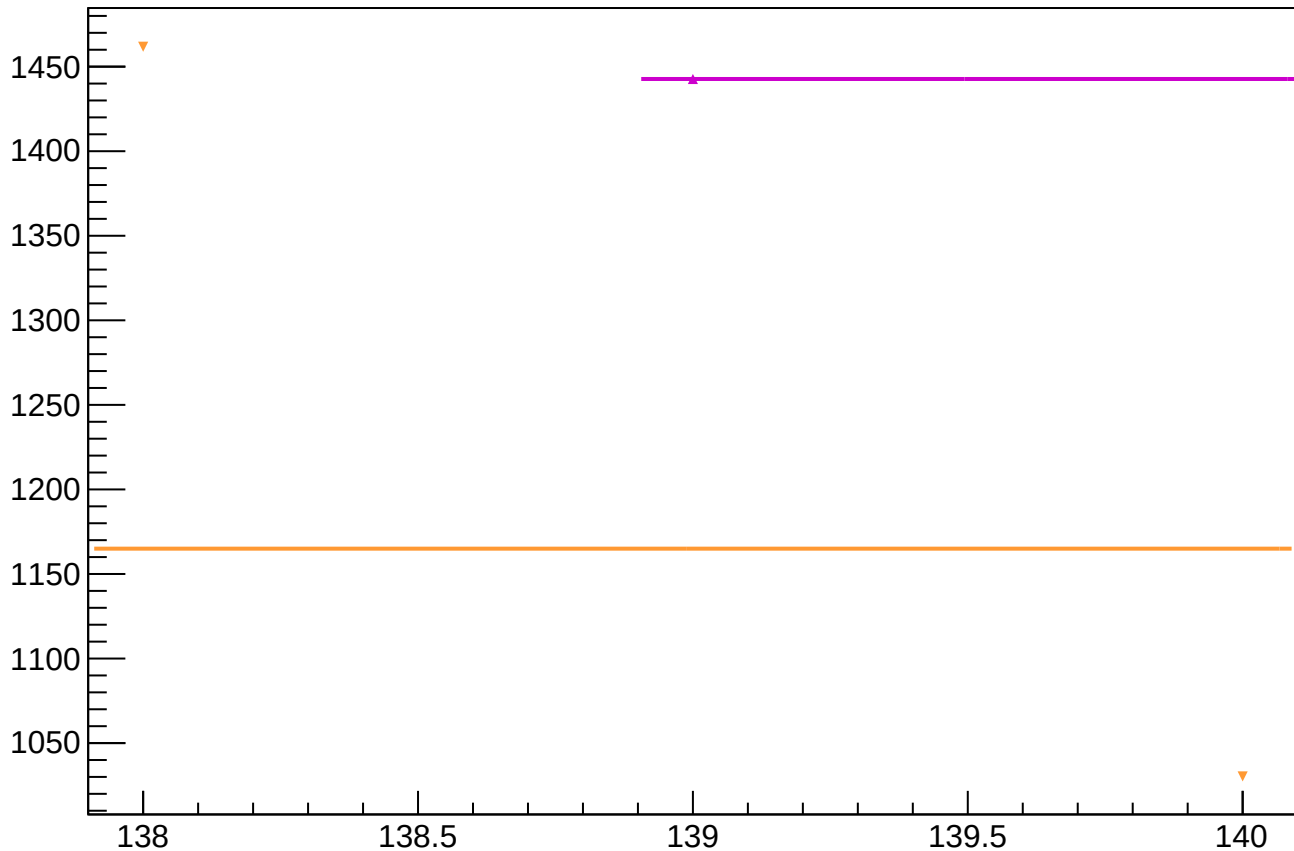
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -3000.057 $\pm$ 1623.445 χ^2/NDF : 0.0/0

Out: 1301.182 $\pm$ 960.368 χ^2/NDF : 0.1/1

All: 186.175 $\pm$ 826.570 χ^2/NDF : 5.3/2

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1164.980+/-0.679 χ^2/NDF : 86681.2/1

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

Left In: 1442.705+/-1.148 χ^2/NDF : 0.0/0

Left: 1236.974+/-0.584 χ^2/NDF : 130039.1/2

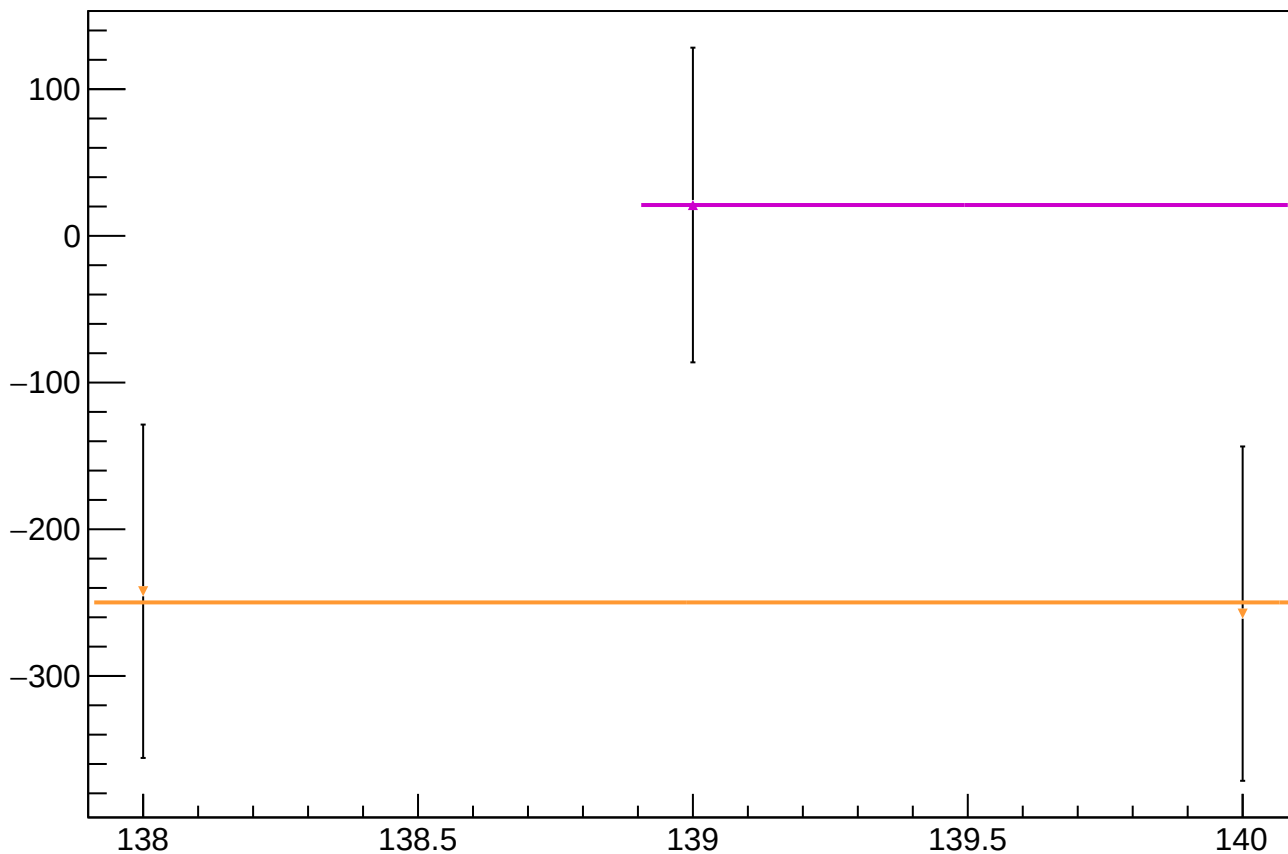
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1442.705+/-1.148 χ^2/NDF : 0.0/0

Out: 1164.980+/-0.679 χ^2/NDF : 86681.2/1

All: 1236.974+/-0.584 χ^2/NDF : 130039.1/2

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -249.863 $\pm$ 80.459 χ^2 /NDF:0.0/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 21.028 $\pm$ 107.253 χ^2 /NDF:0.0/0

Left: -152.312 $\pm$ 64.362 χ^2 /NDF: 4.1/2

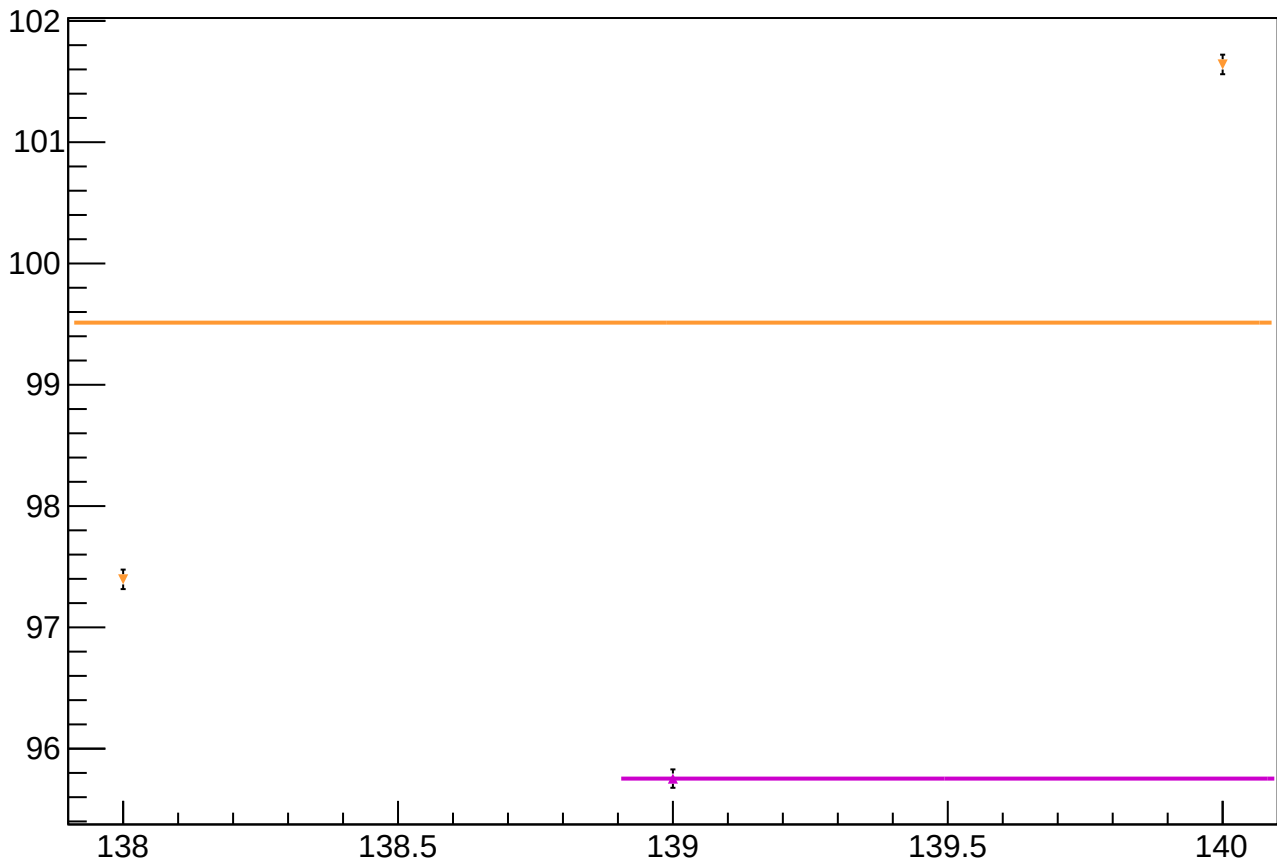
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 21.028 $\pm$ 107.253 χ^2 /NDF:0.0/0

Out: -249.863 $\pm$ 80.459 χ^2 /NDF:0.0/1

All: -152.312 $\pm$ 64.362 χ^2 /NDF: 4.1/2

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 99.512+/-0.057 χ^2/NDF :1391.9/1

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

Left In: 95.753+/-0.076 χ^2/NDF :0.0/0

Left: 98.159+/-0.046 χ^2/NDF : 2964.1/2

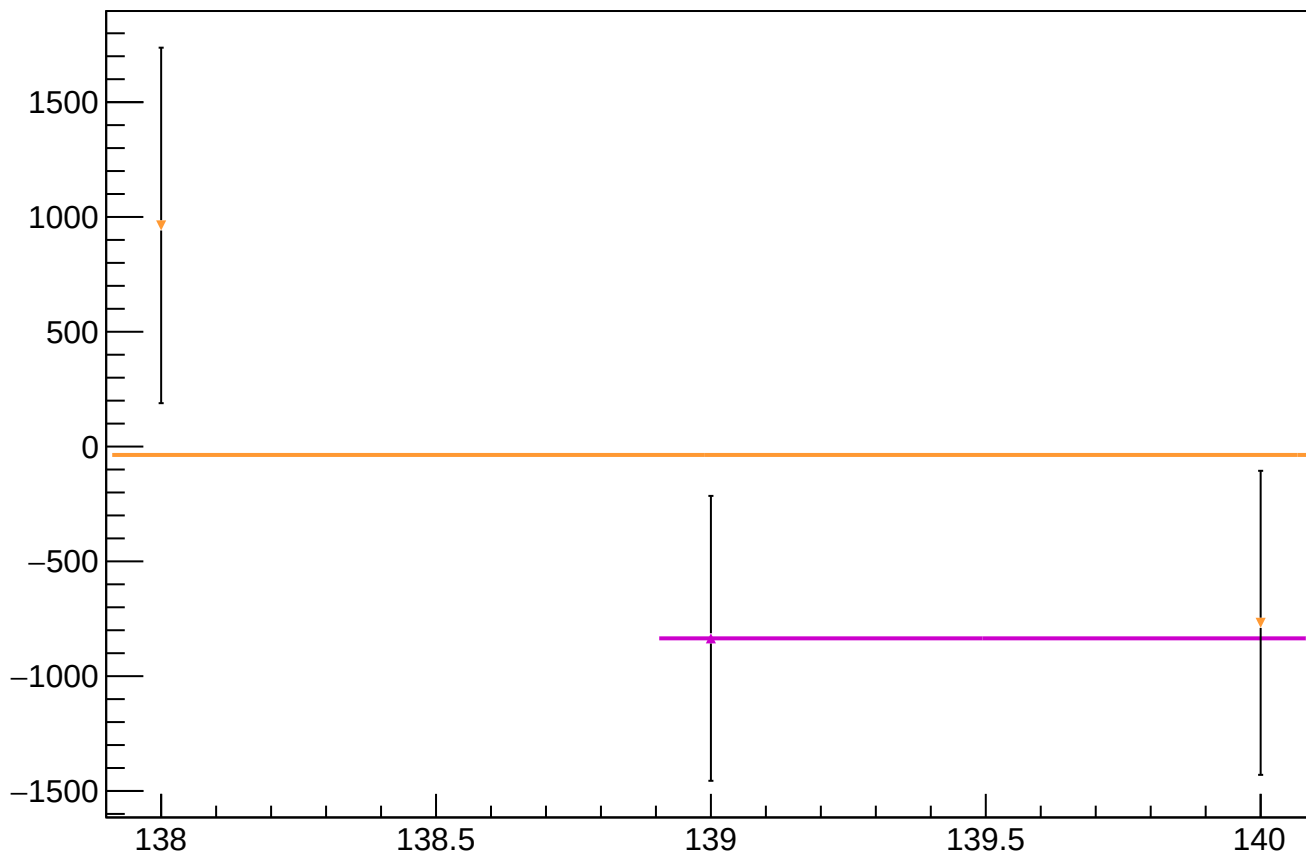
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 95.753+/-0.076 χ^2/NDF :0.0/0

Out: 99.512+/-0.057 χ^2/NDF :1391.9/1

All: 98.159+/-0.046 χ^2/NDF : 2964.1/2

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -36.506+/-503.188 χ^2/NDF :2.9/1

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

Left In: -835.301+/-620.426 χ^2/NDF :0.0/0

Left: -353.455+/-390.811 χ^2/NDF : 3.9/2

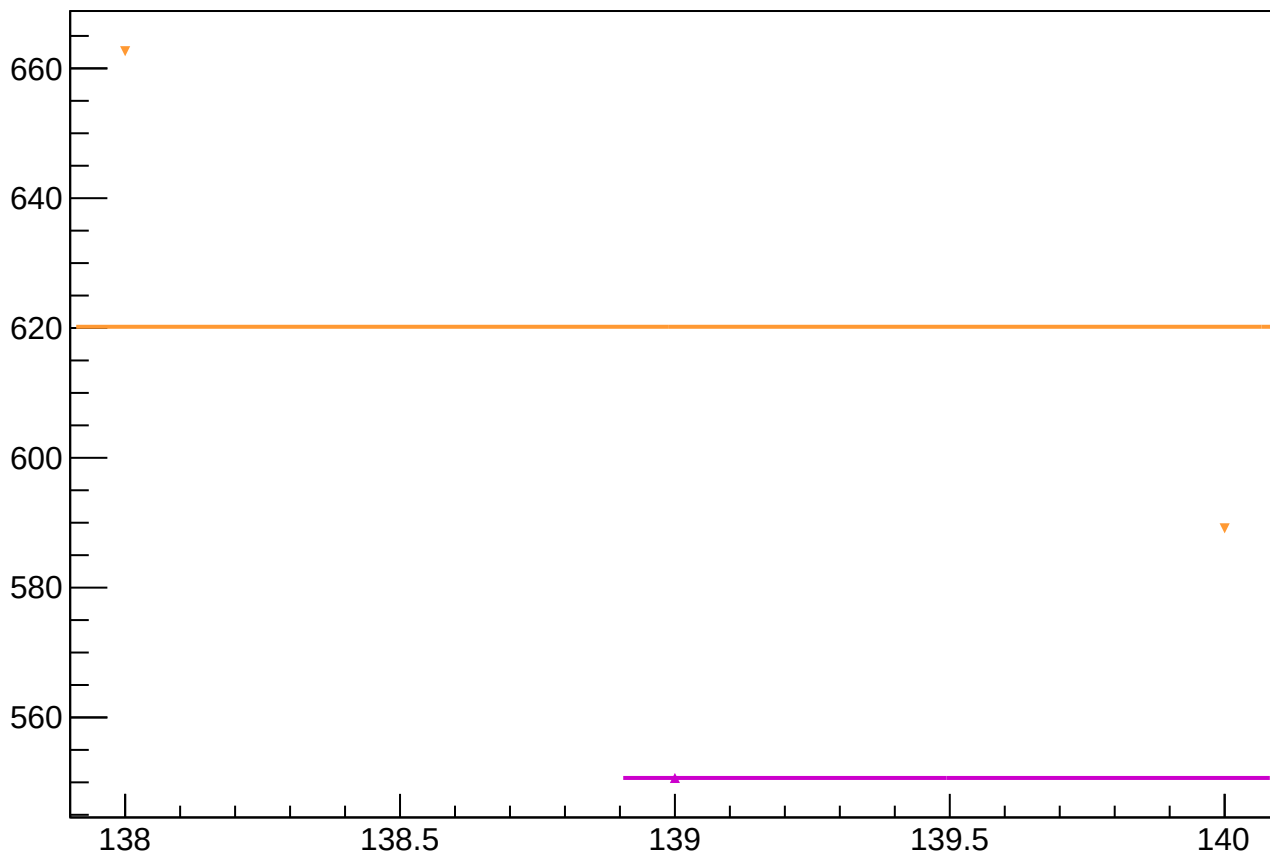
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -835.301+/-620.426 χ^2/NDF :0.0/0

Out: -36.506+/-503.188 χ^2/NDF :2.9/1

All: -353.455+/-390.811 χ^2/NDF : 3.9/2

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 620.190+/-0.356 χ^2/NDF :10413.4/1

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

Left In: 550.678+/-0.439 χ^2/NDF :0.0/0

Left: 592.608+/-0.276 χ^2/NDF : 25557.6/2

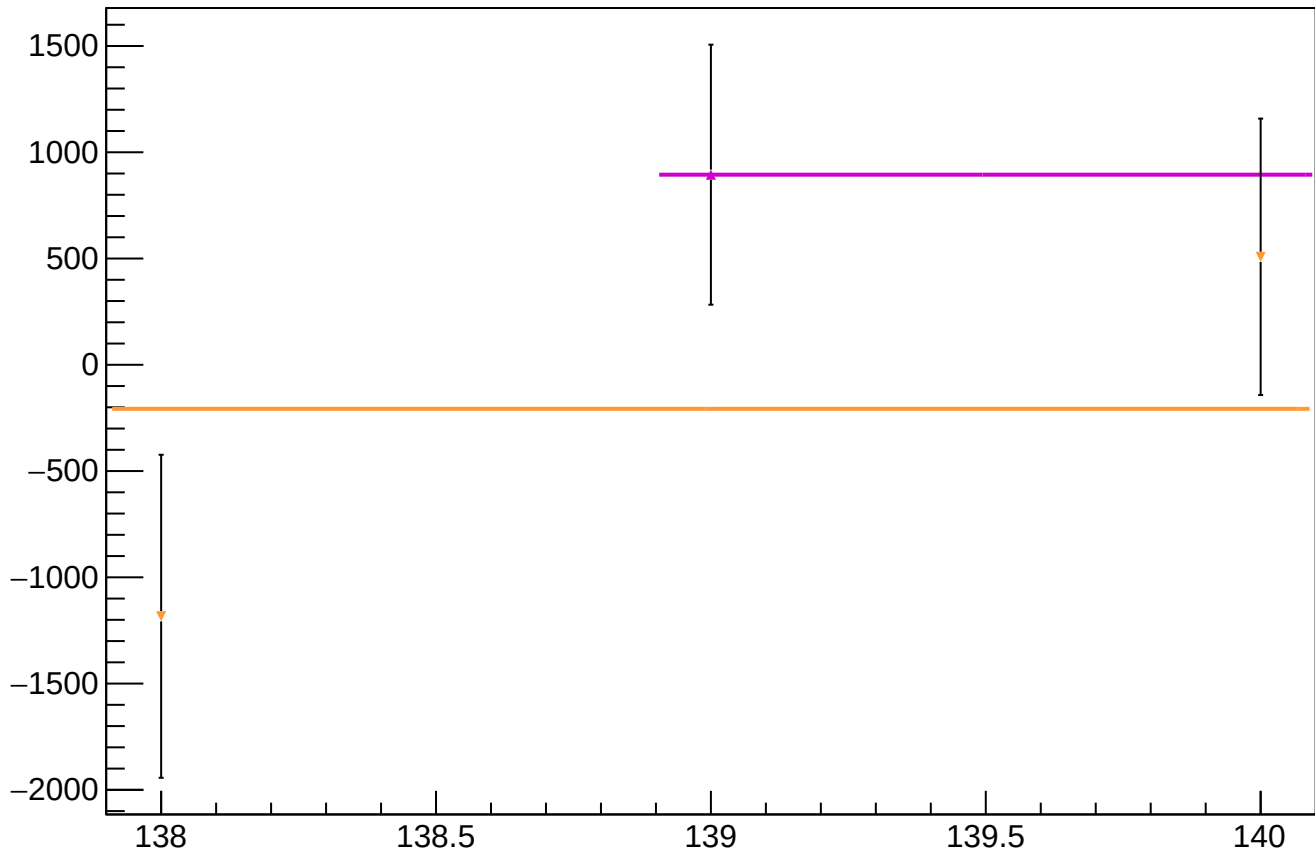
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 550.678+/-0.439 χ^2/NDF :0.0/0

Out: 620.190+/-0.356 χ^2/NDF :10413.4/1

All: 592.608+/-0.276 χ^2/NDF : 25557.6/2

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -207.157 ± 494.151 $\chi^2/NDF: 2.9/1$

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

Left In: 894.500 ± 611.763 $\chi^2/NDF: 0.0/0$

Left: 227.822 ± 384.410 $\chi^2/NDF: 4.8/2$

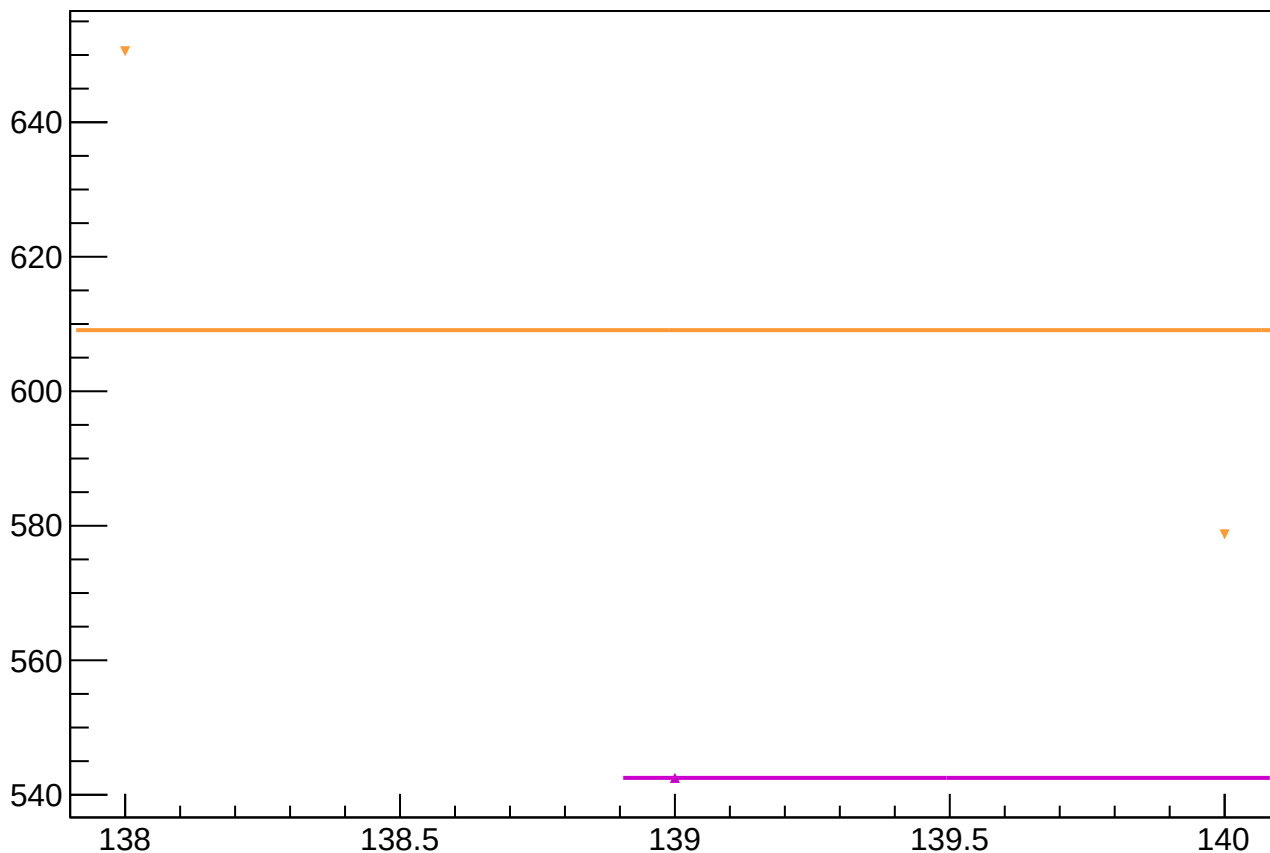
Right: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

In: 894.500 ± 611.763 $\chi^2/NDF: 0.0/0$

Out: -207.157 ± 494.151 $\chi^2/NDF: 2.9/1$

All: 227.822 ± 384.410 $\chi^2/NDF: 4.8/2$

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 609.091+/-0.349 χ^2/NDF :10314.1/1

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

Left In: 542.513+/-0.433 χ^2/NDF :0.0/0

Left: 582.803+/-0.272 χ^2/NDF : 24648.6/2

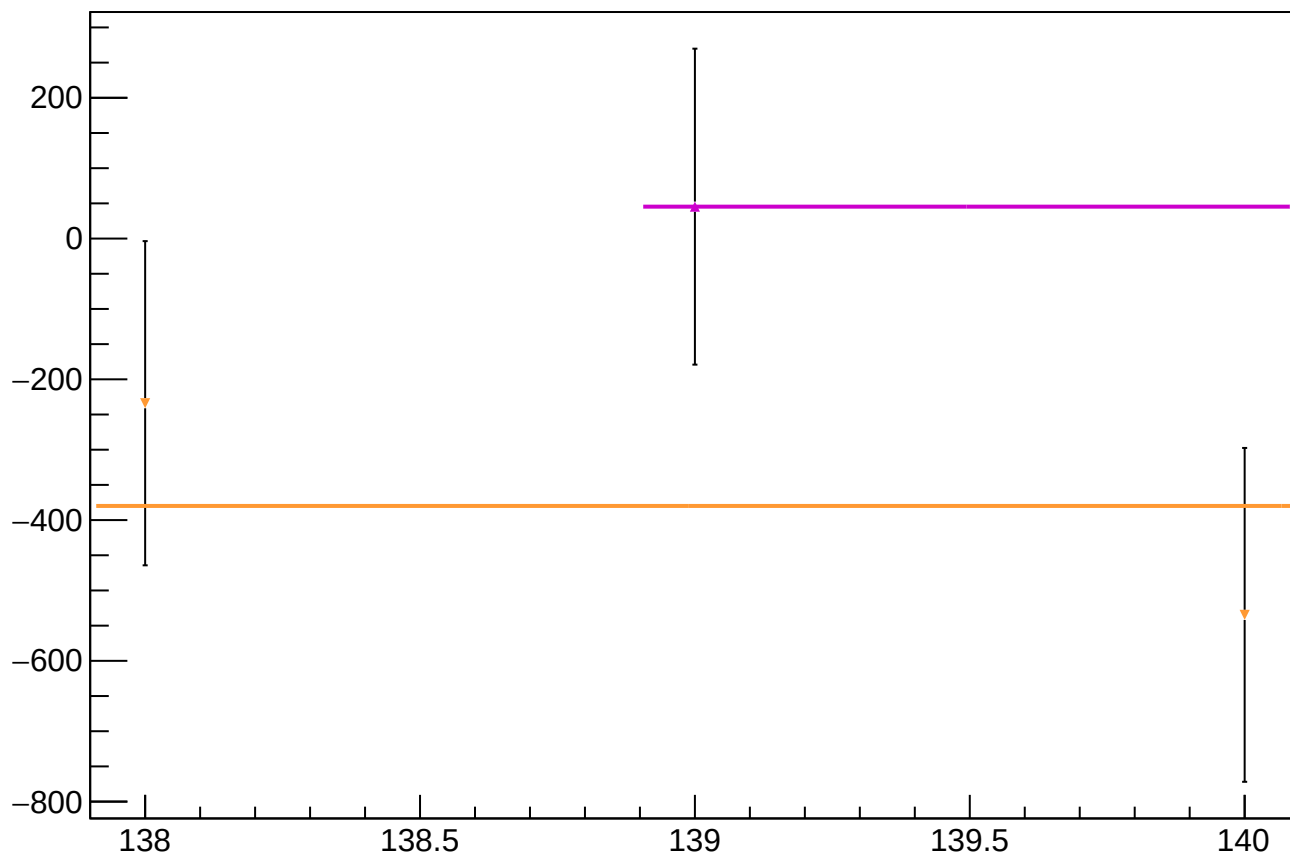
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 542.513+/-0.433 χ^2/NDF :0.0/0

Out: 609.091+/-0.349 χ^2/NDF :10314.1/1

All: 582.803+/-0.272 χ^2/NDF : 24648.6/2

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -379.906+/-165.235 χ^2/NDF : 0.8/1

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

Left In: 45.345+/-224.469 χ^2/NDF : 0.0/0

Left: -230.458+/-133.070 χ^2/NDF : 3.2/2

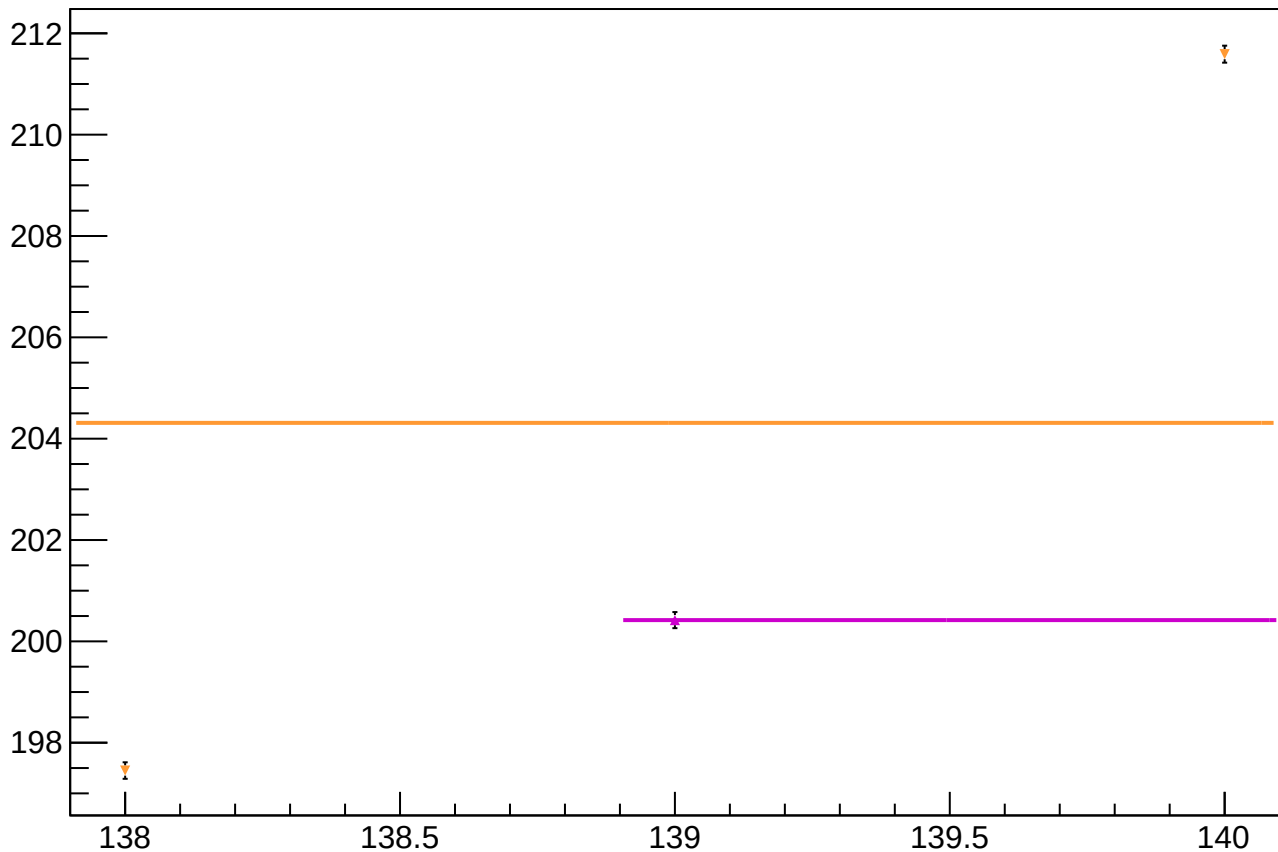
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 45.345+/-224.469 χ^2/NDF : 0.0/0

Out: -379.906+/-165.235 χ^2/NDF : 0.8/1

All: -230.458+/-133.070 χ^2/NDF : 3.2/2

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 204.312 $\pm$ 0.117 χ^2/NDF : 3657.4/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 200.419 $\pm$ 0.159 χ^2/NDF : 0.0/0

Left: 202.944 $\pm$ 0.094 χ^2/NDF : 4047.5/2

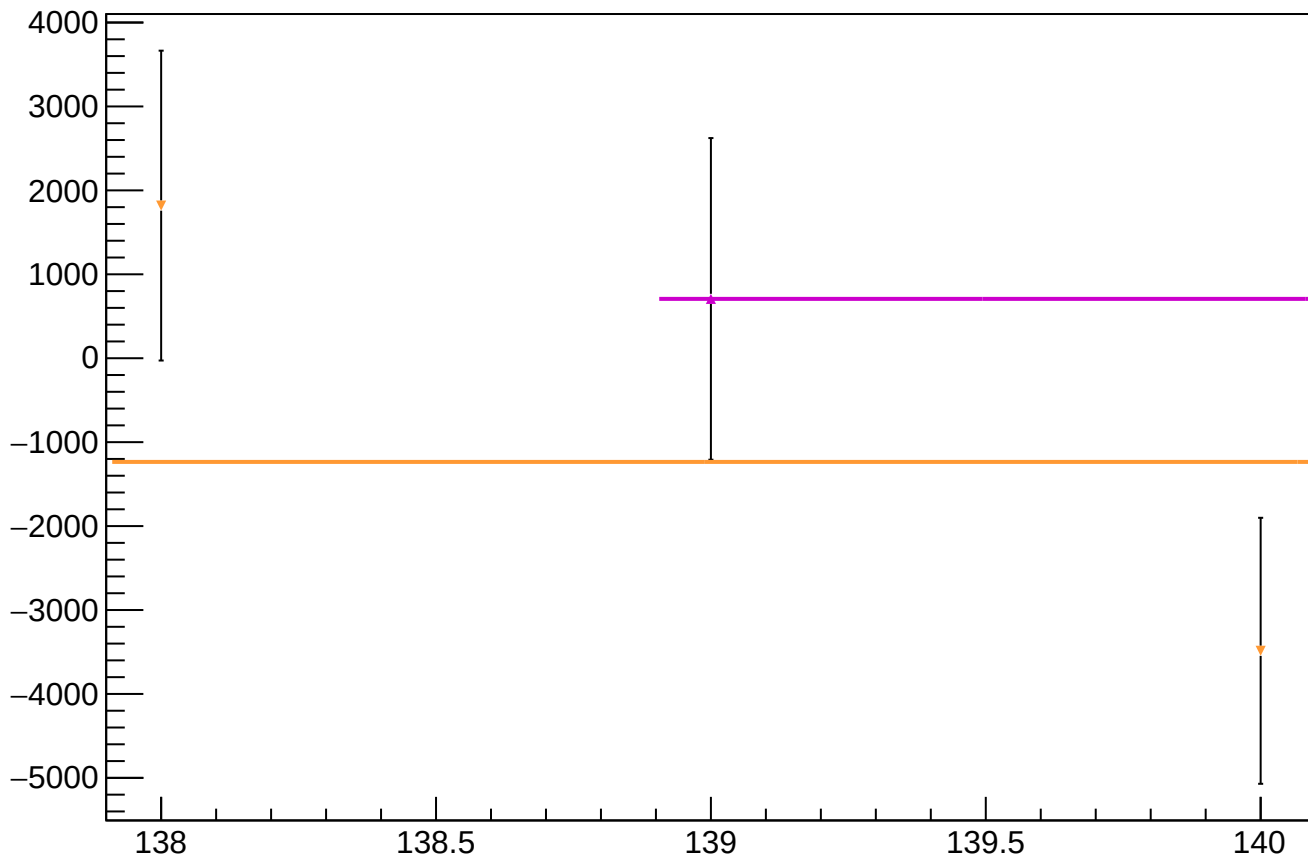
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 200.419 $\pm$ 0.159 χ^2/NDF : 0.0/0

Out: 204.312 $\pm$ 0.117 χ^2/NDF : 3657.4/1

All: 202.944 $\pm$ 0.094 χ^2/NDF : 4047.5/2

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1235.297+/-1202.388 χ^2/NDF : 4.8/1

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

Left In: 707.182+/-1916.122 χ^2/NDF : 0.0/0

Left: -686.505+/-1018.472 χ^2/NDF : 5.5/2

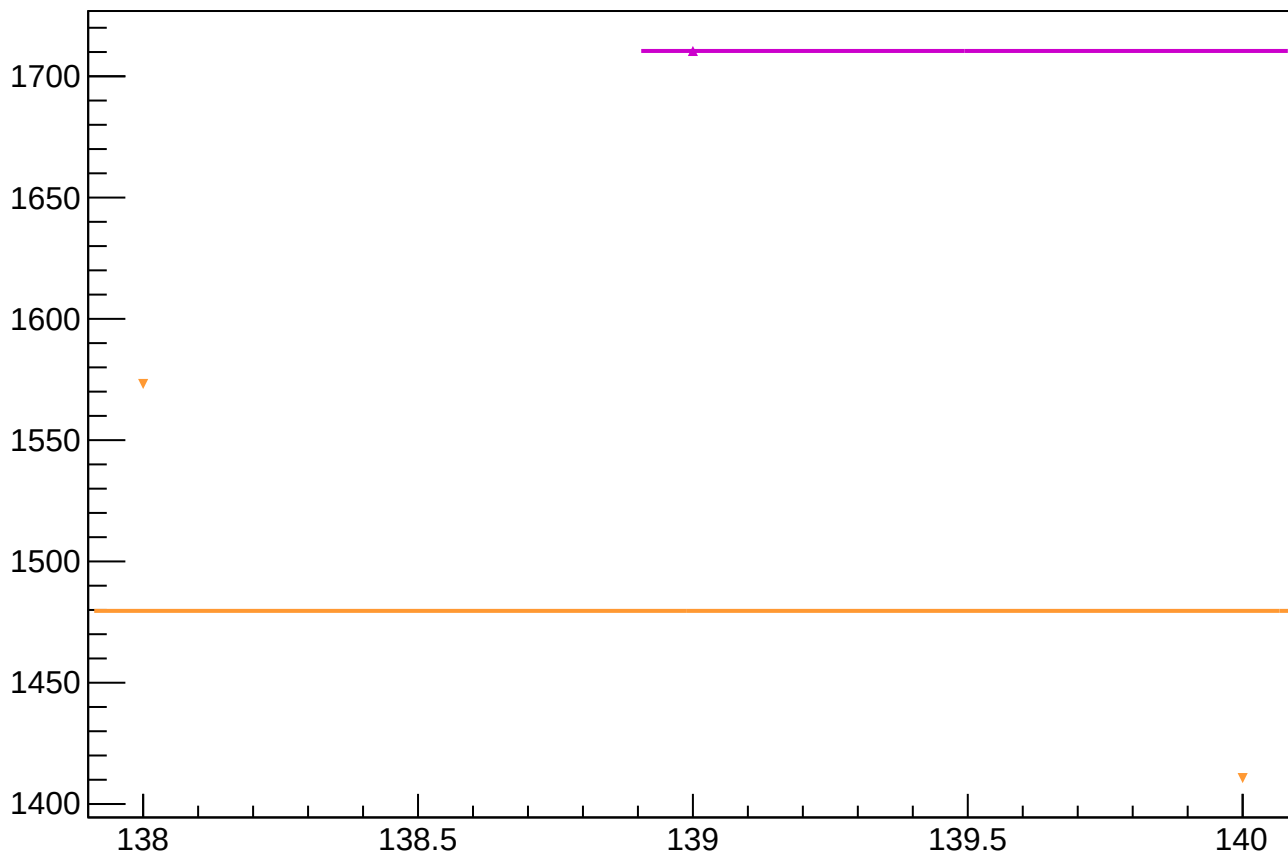
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 707.182+/-1916.122 χ^2/NDF : 0.0/0

Out: -1235.297+/-1202.388 χ^2/NDF : 4.8/1

All: -686.505+/-1018.472 χ^2/NDF : 5.5/2

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1479.621+/-0.850 χ^2/NDF : 8919.0/1

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

Left In: 1710.441+/-1.355 χ^2/NDF : 0.0/0

Left: 1544.832+/-0.720 χ^2/NDF : 29741.8/2

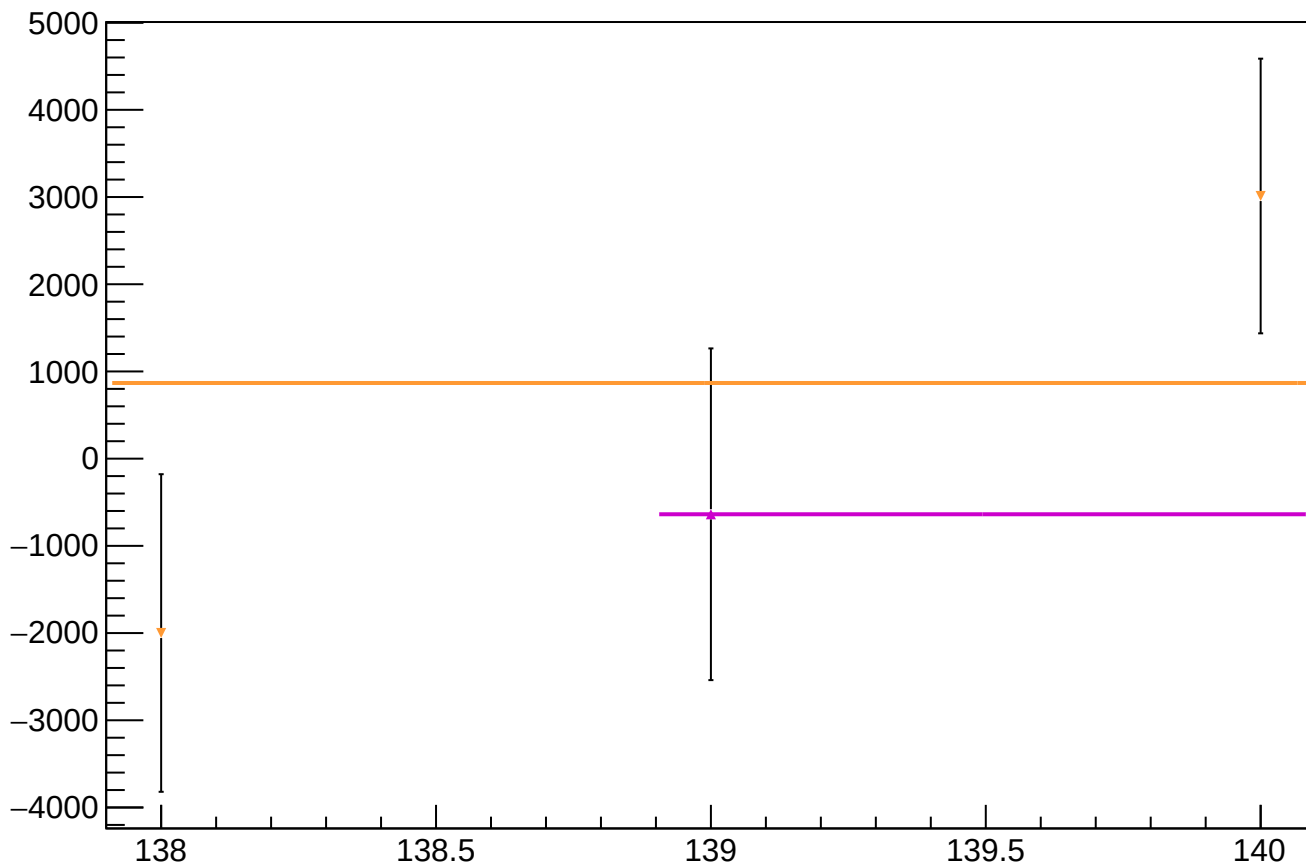
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1710.441+/-1.355 χ^2/NDF : 0.0/0

Out: 1479.621+/-0.850 χ^2/NDF : 8919.0/1

All: 1544.832+/-0.720 χ^2/NDF : 29741.8/2

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 867.606+/-1191.127 χ^2/NDF : 4.3/1

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

Left In: -637.706+/-1901.763 χ^2/NDF : 0.0/0

Left: 443.474+/-1009.471 χ^2/NDF : 4.8/2

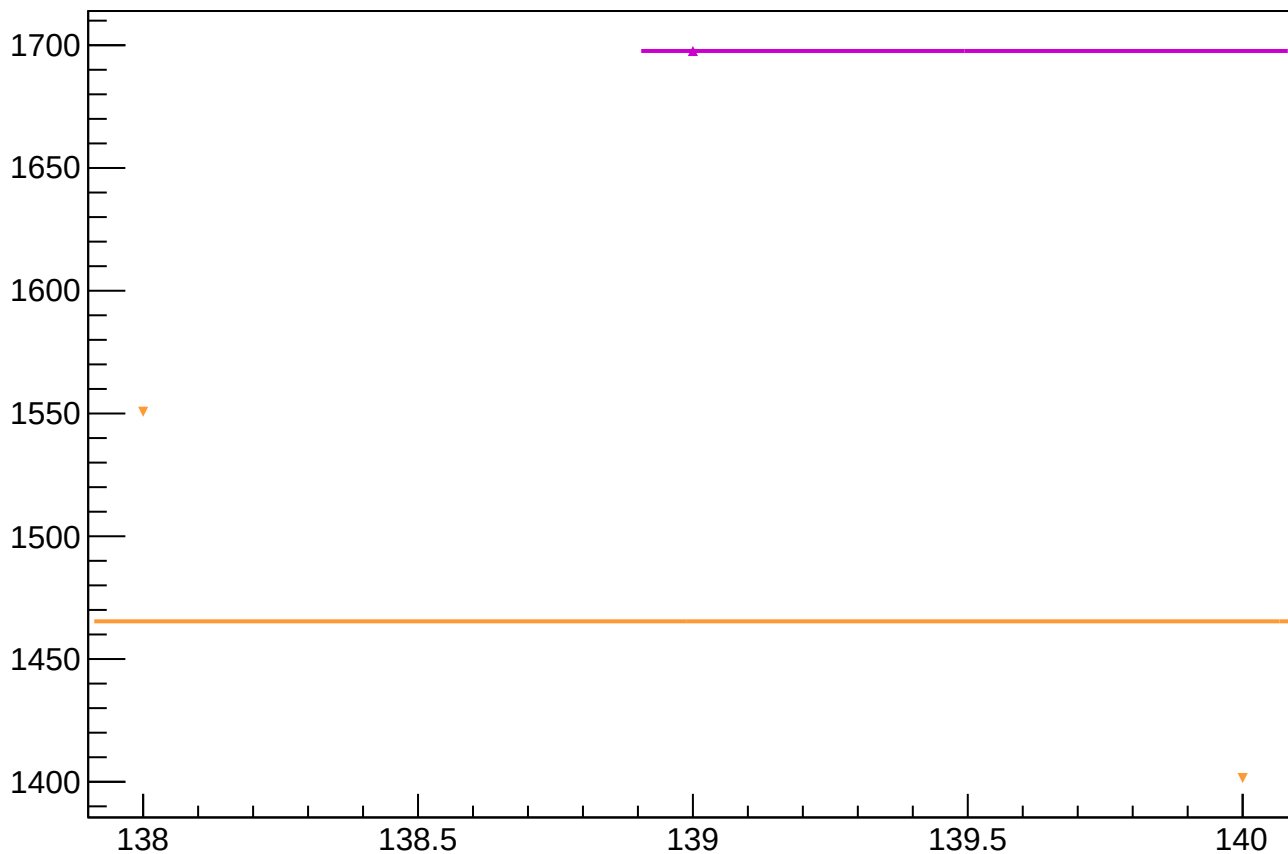
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -637.706+/-1901.763 χ^2/NDF : 0.0/0

Out: 867.606+/-1191.127 χ^2/NDF : 4.3/1

All: 443.474+/-1009.471 χ^2/NDF : 4.8/2

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1465.357+/-0.842 χ^2/NDF : 7681.3/1

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

Left In: 1697.656+/-1.345 χ^2/NDF : 0.0/0

Left: 1530.809+/-0.714 χ^2/NDF : 29114.2/2

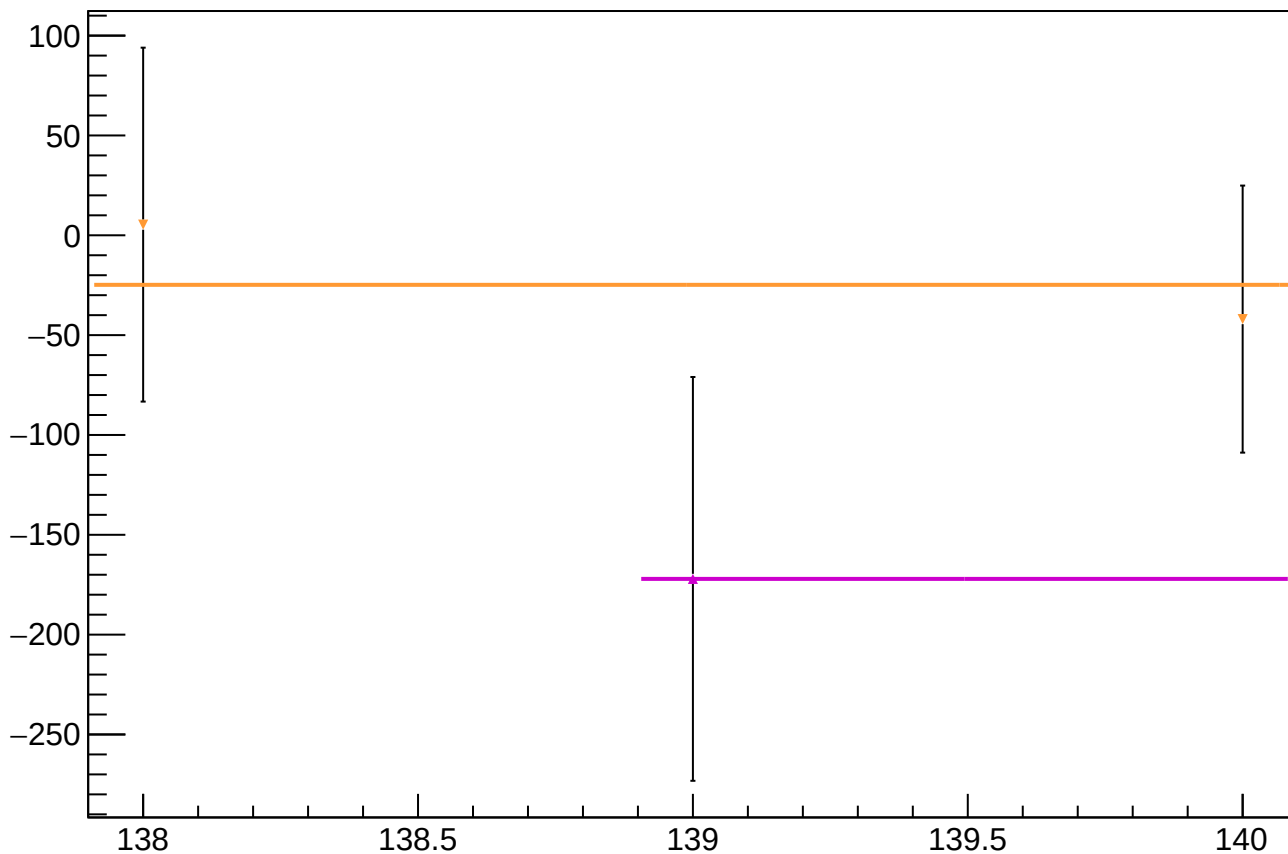
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1697.656+/-1.345 χ^2/NDF : 0.0/0

Out: 1465.357+/-0.842 χ^2/NDF : 7681.3/1

All: 1530.809+/-0.714 χ^2/NDF : 29114.2/2

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -24.812+/-53.381 χ^2/NDF : 0.2/1

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

Left In: -172.084+/-101.117 χ^2/NDF : 0.0/0

Left: -56.910+/-47.207 χ^2/NDF : 1.8/2

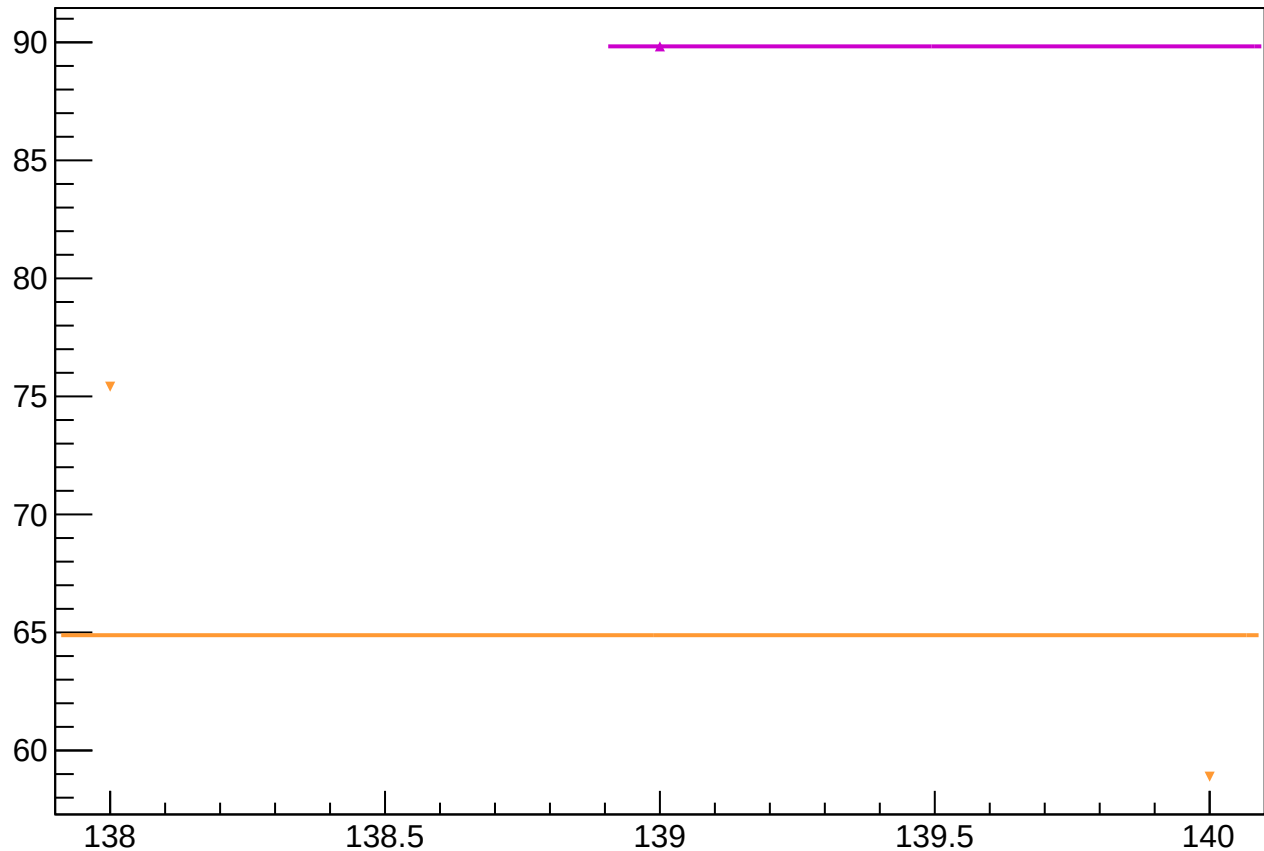
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -172.084+/-101.117 χ^2/NDF : 0.0/0

Out: -24.812+/-53.381 χ^2/NDF : 0.2/1

All: -56.910+/-47.207 χ^2/NDF : 1.8/2

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 64.884+/-0.038 χ^2/NDF : 44290.3/1

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

Left In: 89.830+/-0.072 χ^2/NDF : 0.0/0

Left: 70.321+/-0.033 χ^2/NDF : 139486.8/2

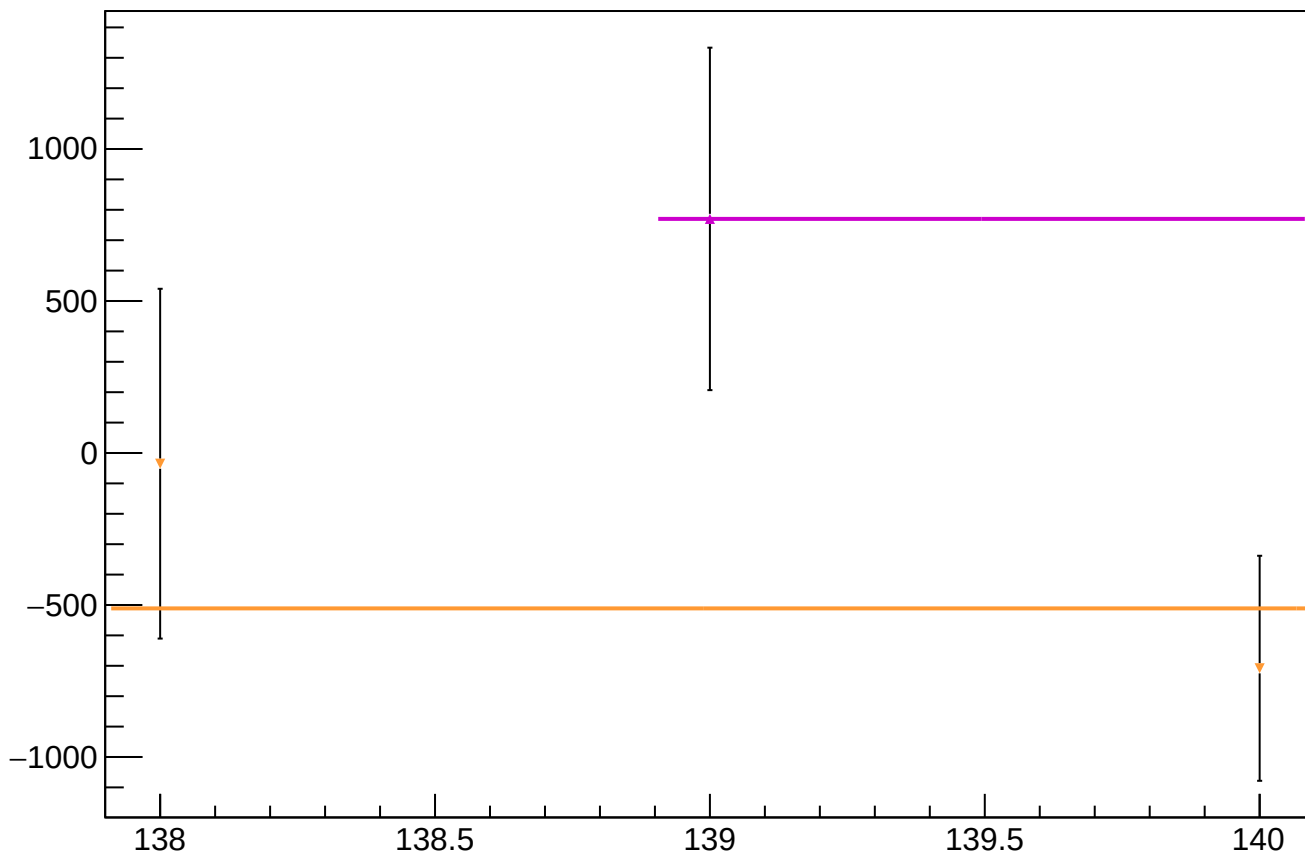
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 89.830+/-0.072 χ^2/NDF : 0.0/0

Out: 64.884+/-0.038 χ^2/NDF : 44290.3/1

All: 70.321+/-0.033 χ^2/NDF : 139486.8/2

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -511.196+/-311.267 χ^2/NDF : 1.0/1

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

Left In: 770.072+/-563.253 χ^2/NDF : 0.0/0

Left: -211.448+/-272.434 χ^2/NDF : 4.9/2

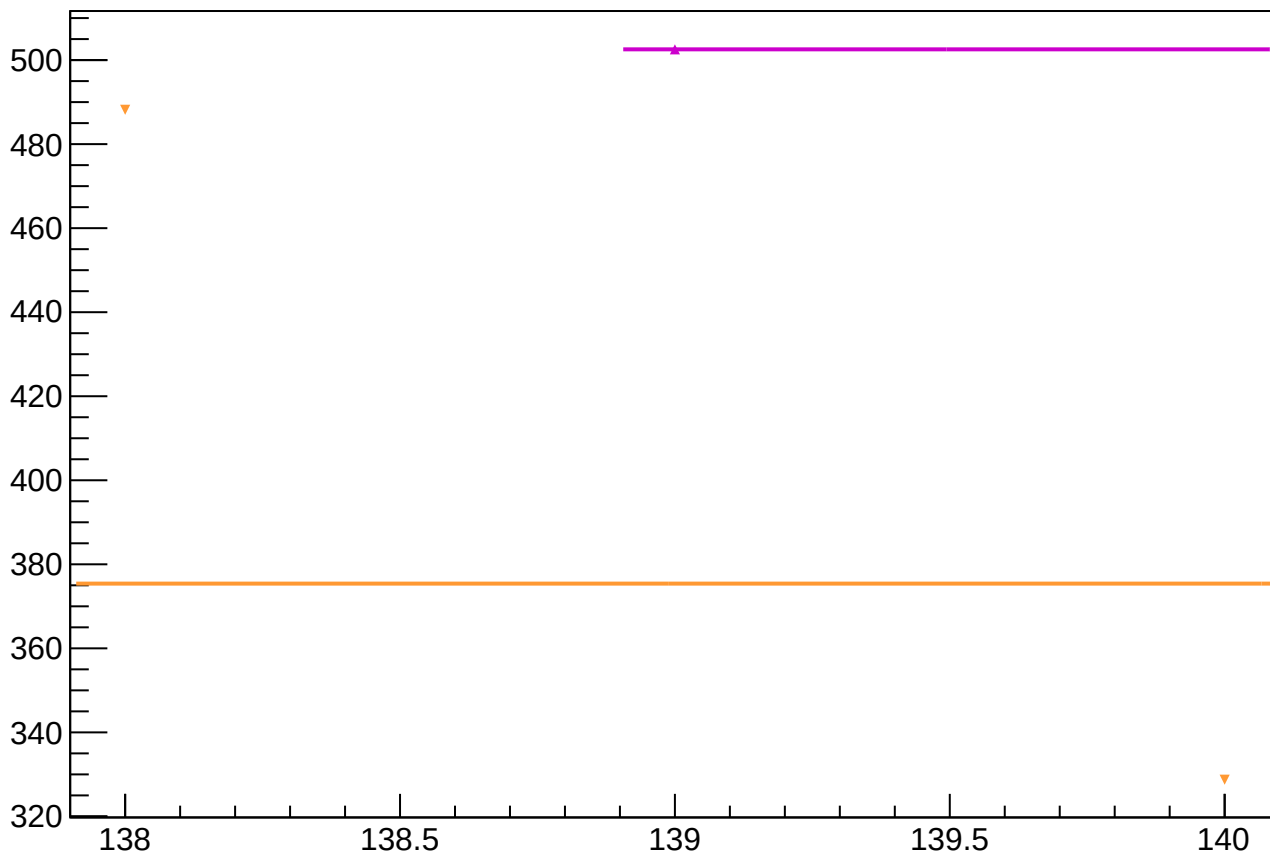
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 770.072+/-563.253 χ^2/NDF : 0.0/0

Out: -511.196+/-311.267 χ^2/NDF : 1.0/1

All: -211.448+/-272.434 χ^2/NDF : 4.9/2

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 375.406+/-0.220 χ^2/NDF :108634.7/1

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

Left In: 502.557+/-0.398 χ^2/NDF :0.0/0

Left: 405.152+/-0.193 χ^2/NDF : 186712.1/2

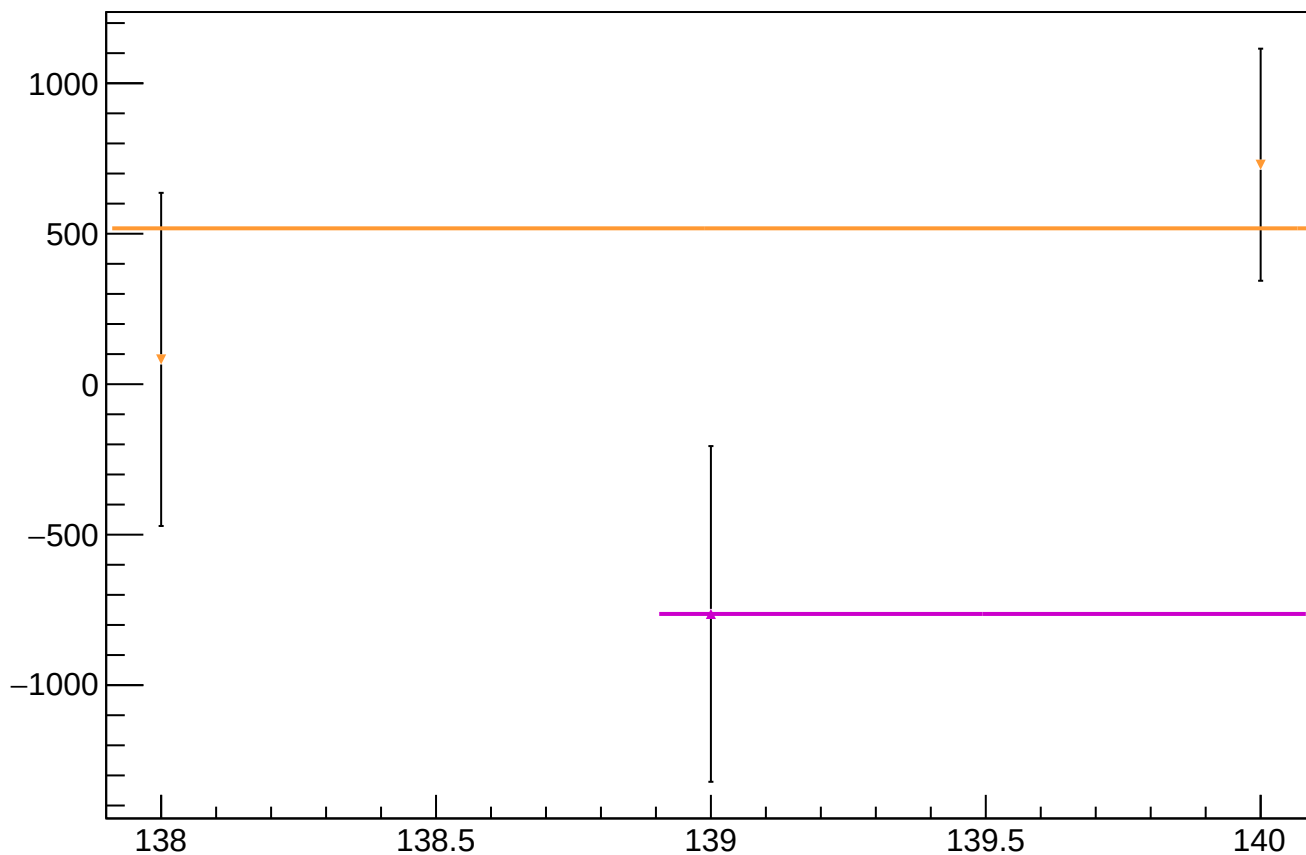
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 502.557+/-0.398 χ^2/NDF :0.0/0

Out: 375.406+/-0.220 χ^2/NDF :108634.7/1

All: 405.152+/-0.193 χ^2/NDF : 186712.1/2

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 517.905+/-316.391 χ^2/NDF : 0.9/1

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

Left In: -763.420+/-557.762 χ^2/NDF : 0.0/0

Left: 205.977+/-275.198 χ^2/NDF : 4.9/2

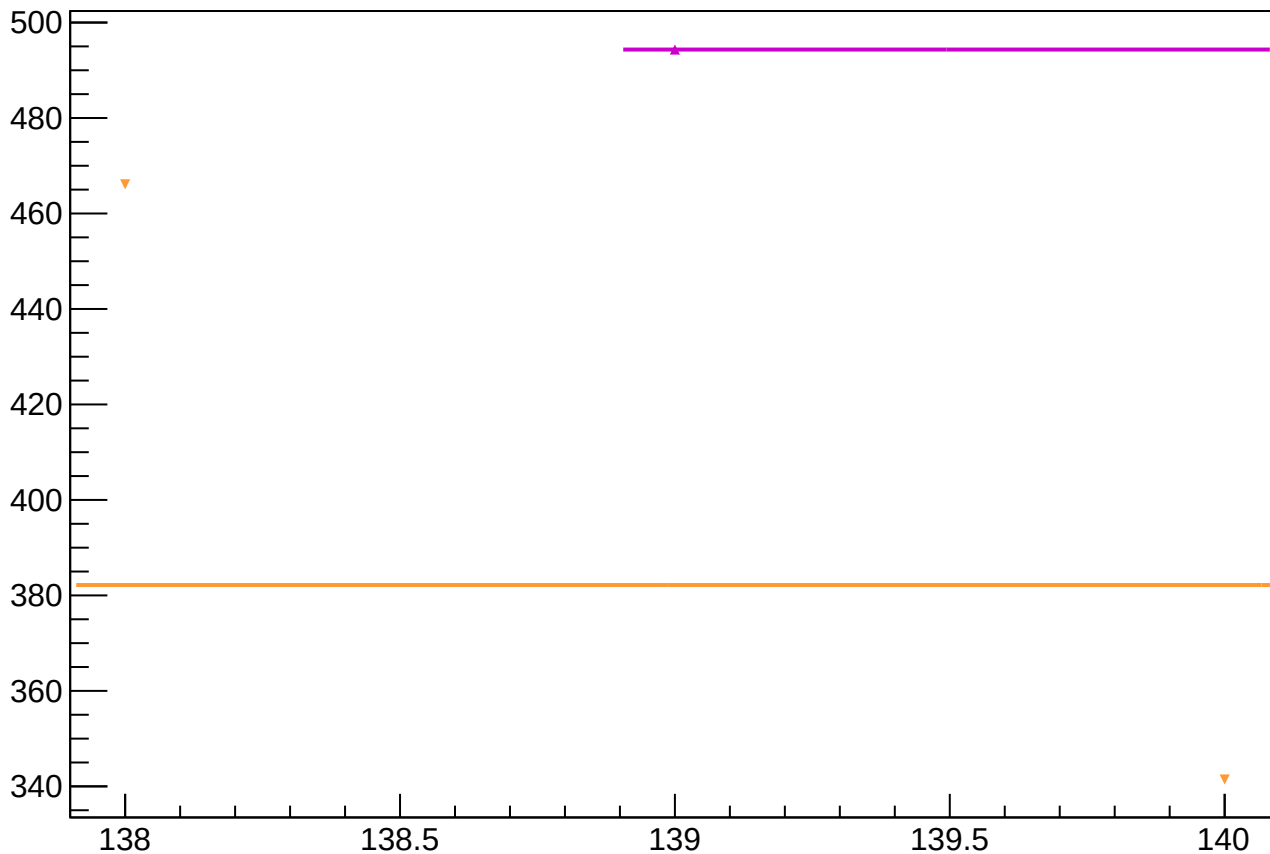
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -763.420+/-557.762 χ^2/NDF : 0.0/0

Out: 517.905+/-316.391 χ^2/NDF : 0.9/1

All: 205.977+/-275.198 χ^2/NDF : 4.9/2

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 382.177+/-0.224 χ^2/NDF : 68316.4/1

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

Left In: 494.341+/-0.394 χ^2/NDF : 0.0/0

Left: 409.482+/-0.195 χ^2/NDF : 129506.4/2

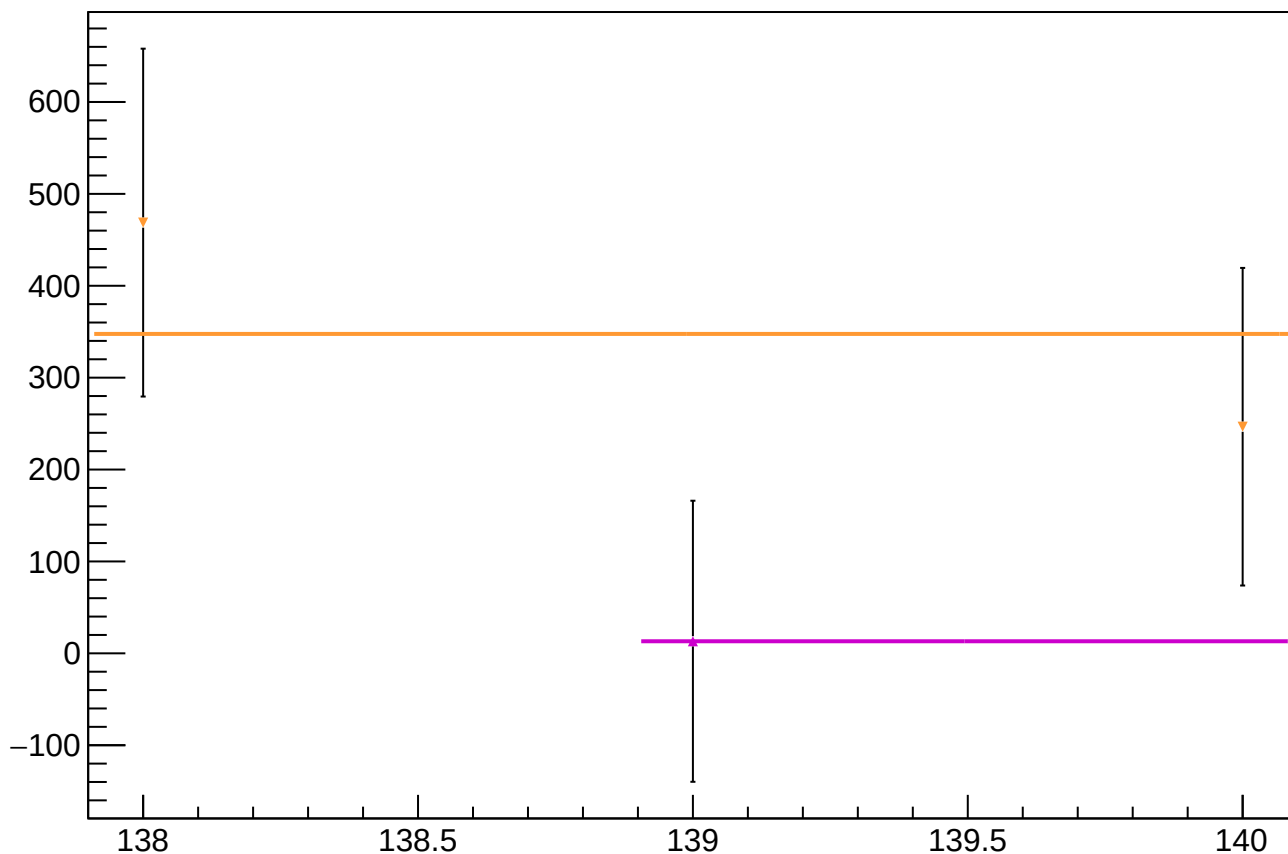
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 494.341+/-0.394 χ^2/NDF : 0.0/0

Out: 382.177+/-0.224 χ^2/NDF : 68316.4/1

All: 409.482+/-0.195 χ^2/NDF : 129506.4/2

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 347.594+/-127.624 χ^2/NDF : 0.8/1

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

Left In: 13.131+/-152.935 χ^2/NDF : 0.0/0

Left: 210.293+/-97.988 χ^2/NDF : 3.6/2

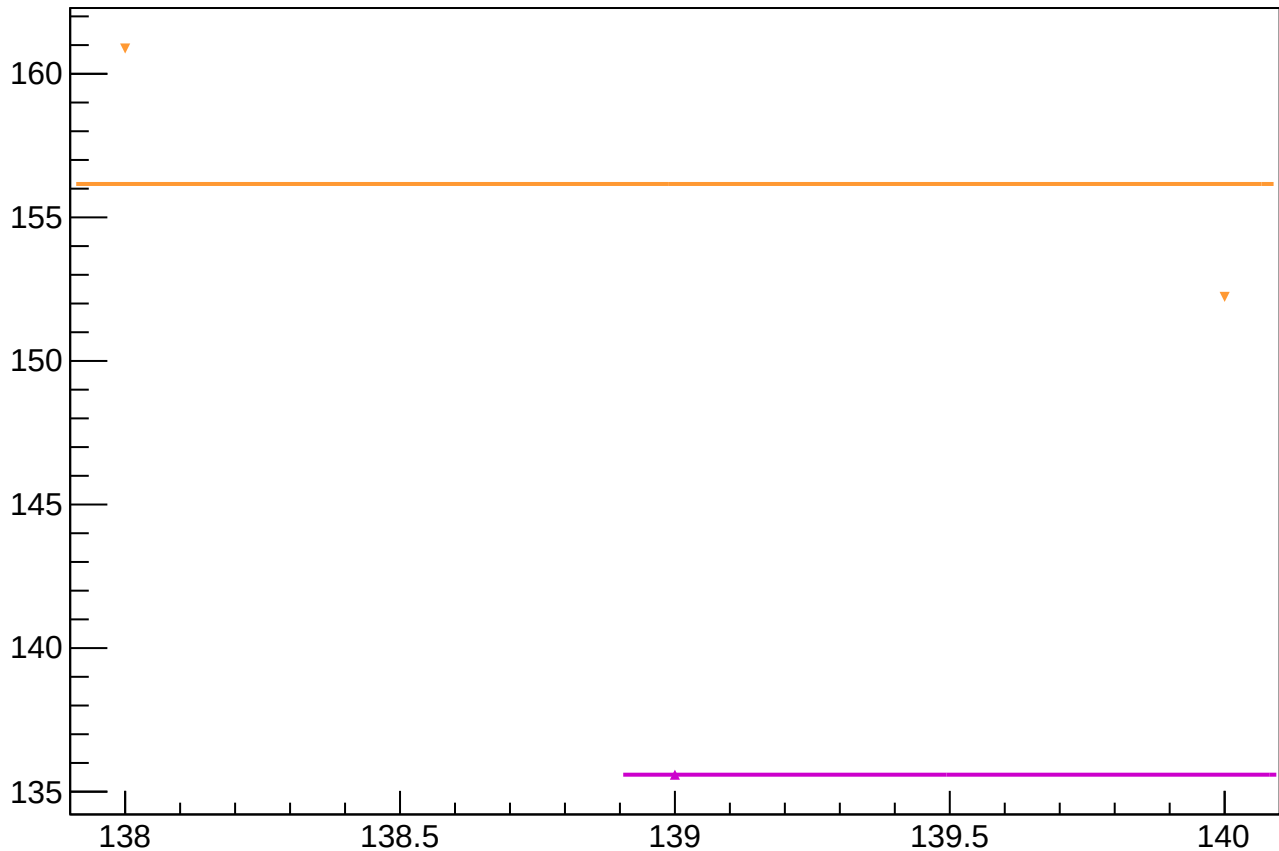
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.131+/-152.935 χ^2/NDF : 0.0/0

Out: 347.594+/-127.624 χ^2/NDF : 0.8/1

All: 210.293+/-97.988 χ^2/NDF : 3.6/2

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 156.163+/-0.090 χ^2/NDF : 2277.9/1

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

Left In: 135.591+/-0.108 χ^2/NDF : 0.0/0

Left: 147.718+/-0.069 χ^2/NDF : 23611.2/2

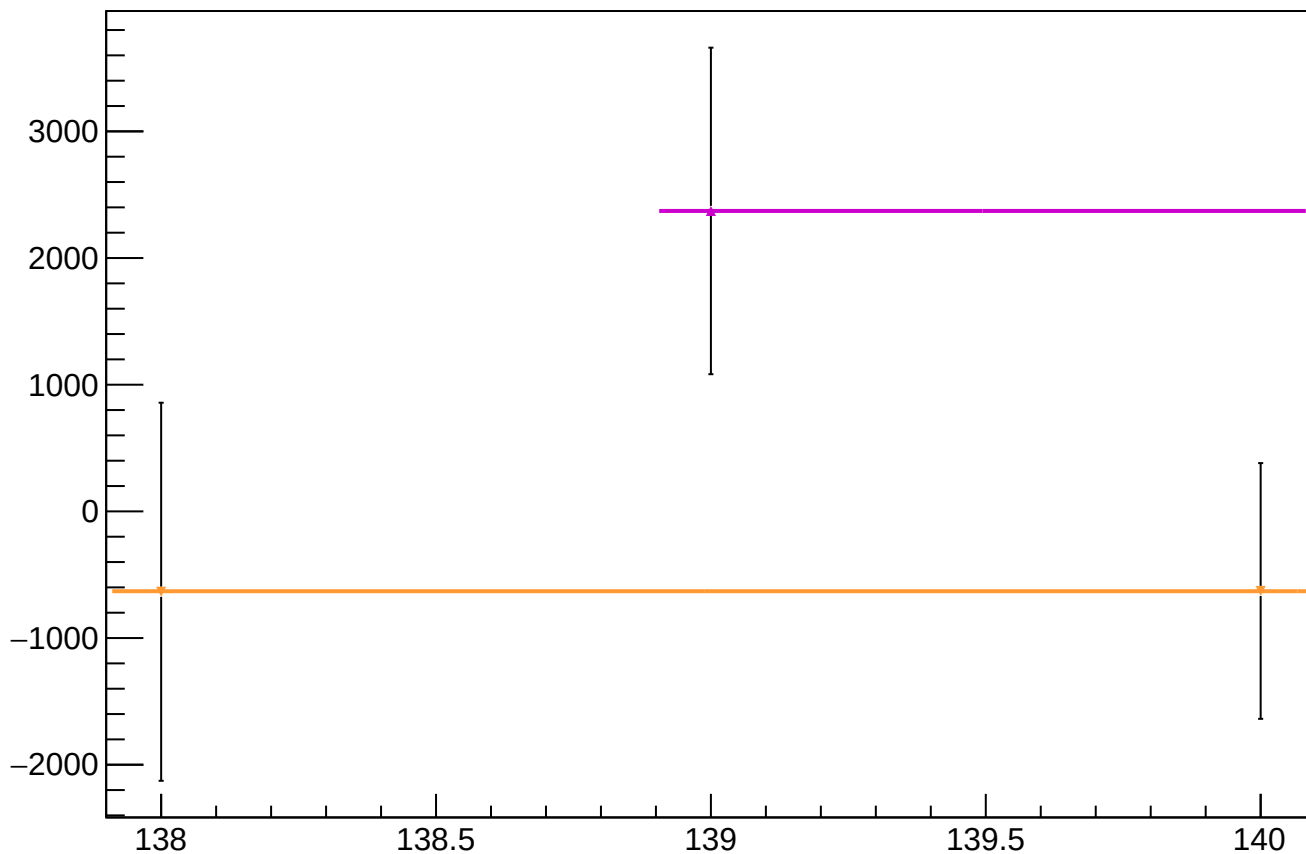
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 135.591+/-0.108 χ^2/NDF : 0.0/0

Out: 156.163+/-0.090 χ^2/NDF : 2277.9/1

All: 147.718+/-0.069 χ^2/NDF : 23611.2/2

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -630.248+/-836.132 χ^2/NDF : 0.0/1

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

Left In: 2371.785+/-1288.900 χ^2/NDF : 0.0/0

Left: 258.919+/-701.461 χ^2/NDF : 3.8/2

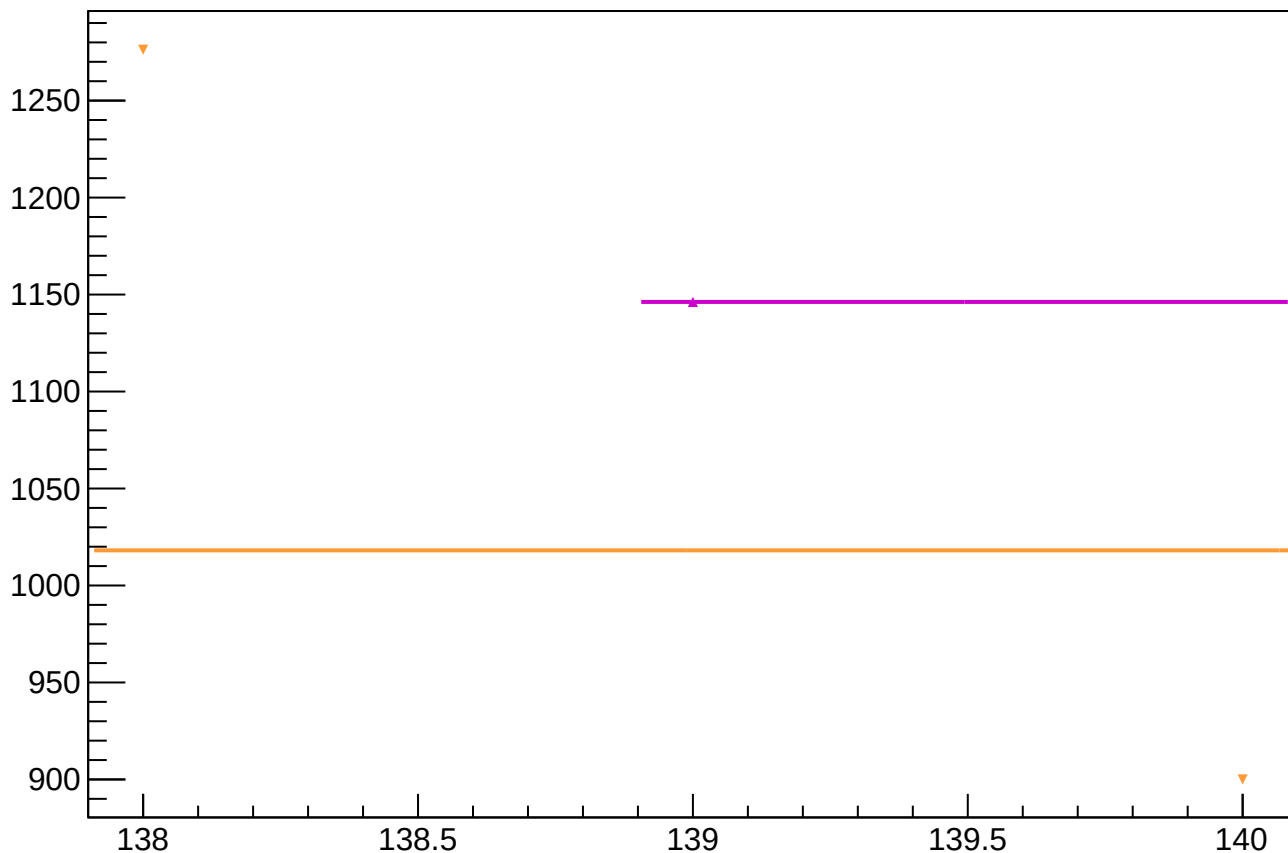
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2371.785+/-1288.900 χ^2/NDF : 0.0/0

Out: -630.248+/-836.132 χ^2/NDF : 0.0/1

All: 258.919+/-701.461 χ^2/NDF : 3.8/2

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1018.110+/-0.591 χ^2/NDF :87202.9/1

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

Left In: 1146.199+/-0.911 χ^2/NDF :0.0/0

Left: 1056.048+/-0.496 χ^2/NDF : 101104.6/2

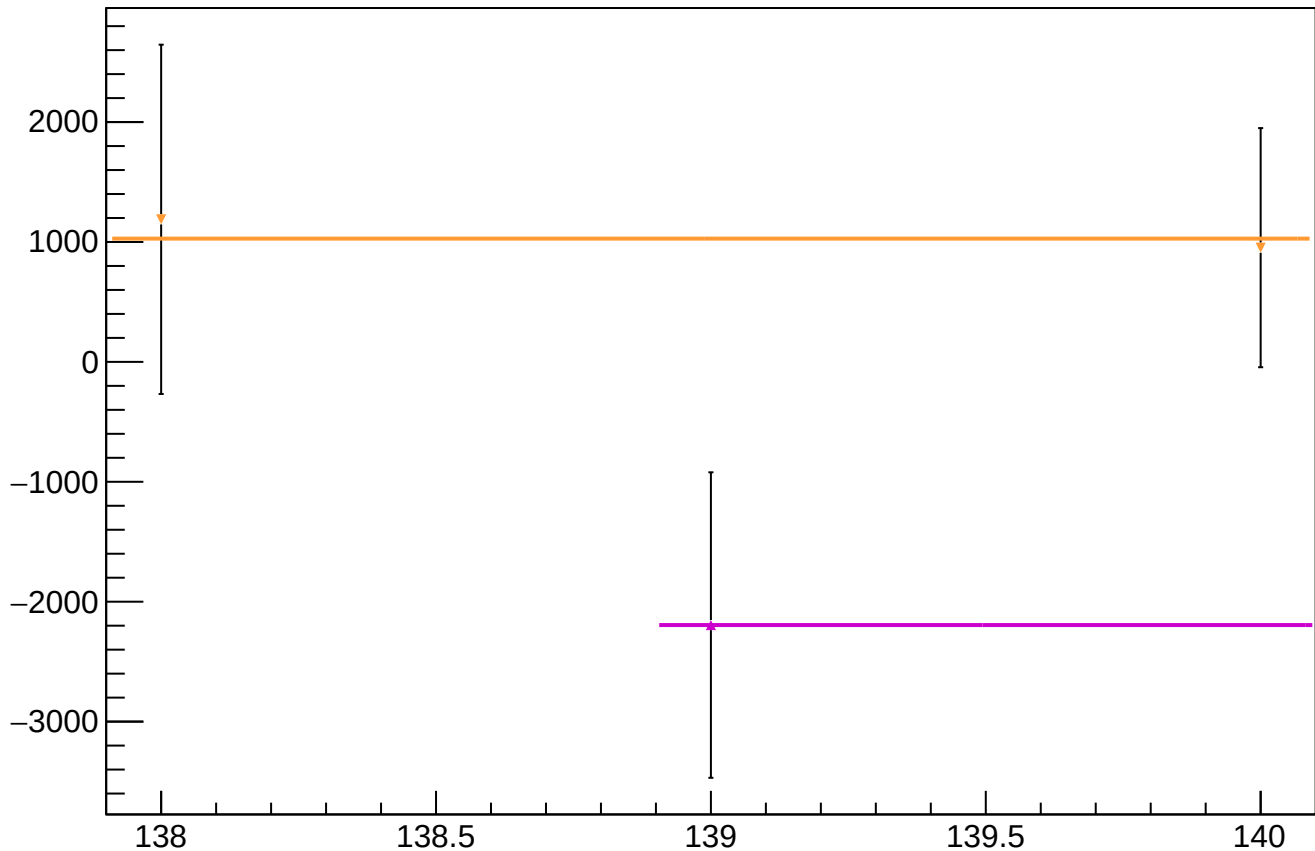
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1146.199+/-0.911 χ^2/NDF :0.0/0

Out: 1018.110+/-0.591 χ^2/NDF :87202.9/1

All: 1056.048+/-0.496 χ^2/NDF : 101104.6/2

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1028.026+/-822.829 χ^2/NDF : 0.0/1

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

Left In: -2194.817+/-1273.871 χ^2/NDF : 0.0/0

Left: 79.238+/-691.179 χ^2/NDF : 4.5/2

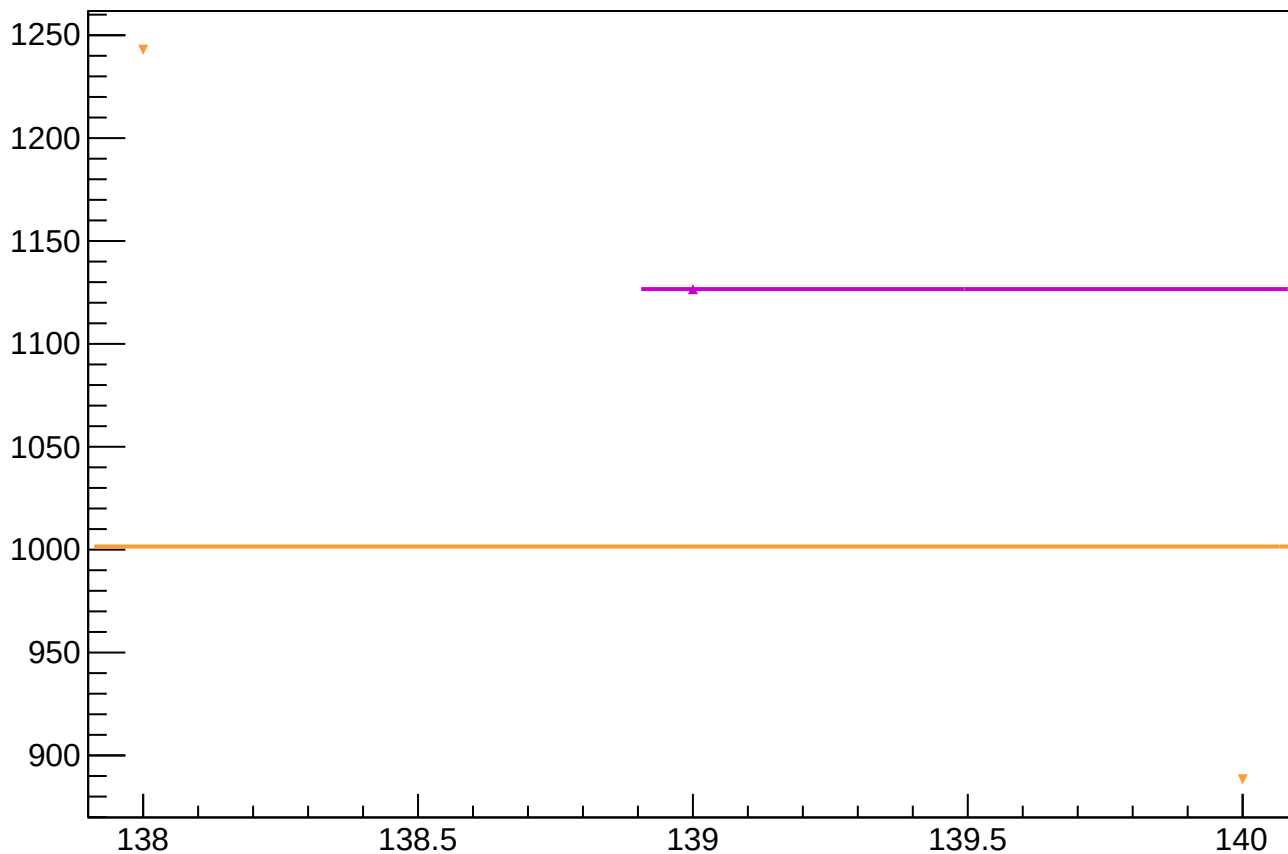
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2194.817+/-1273.871 χ^2/NDF : 0.0/0

Out: 1028.026+/-822.829 χ^2/NDF : 0.0/1

All: 79.238+/-691.179 χ^2/NDF : 4.5/2

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 1001.517+/-0.582 χ^2/NDF :80683.4/1

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

Left In: 1126.632+/-0.901 χ^2/NDF :0.0/0

Left: 1038.350+/-0.489 χ^2/NDF : 94296.7/2

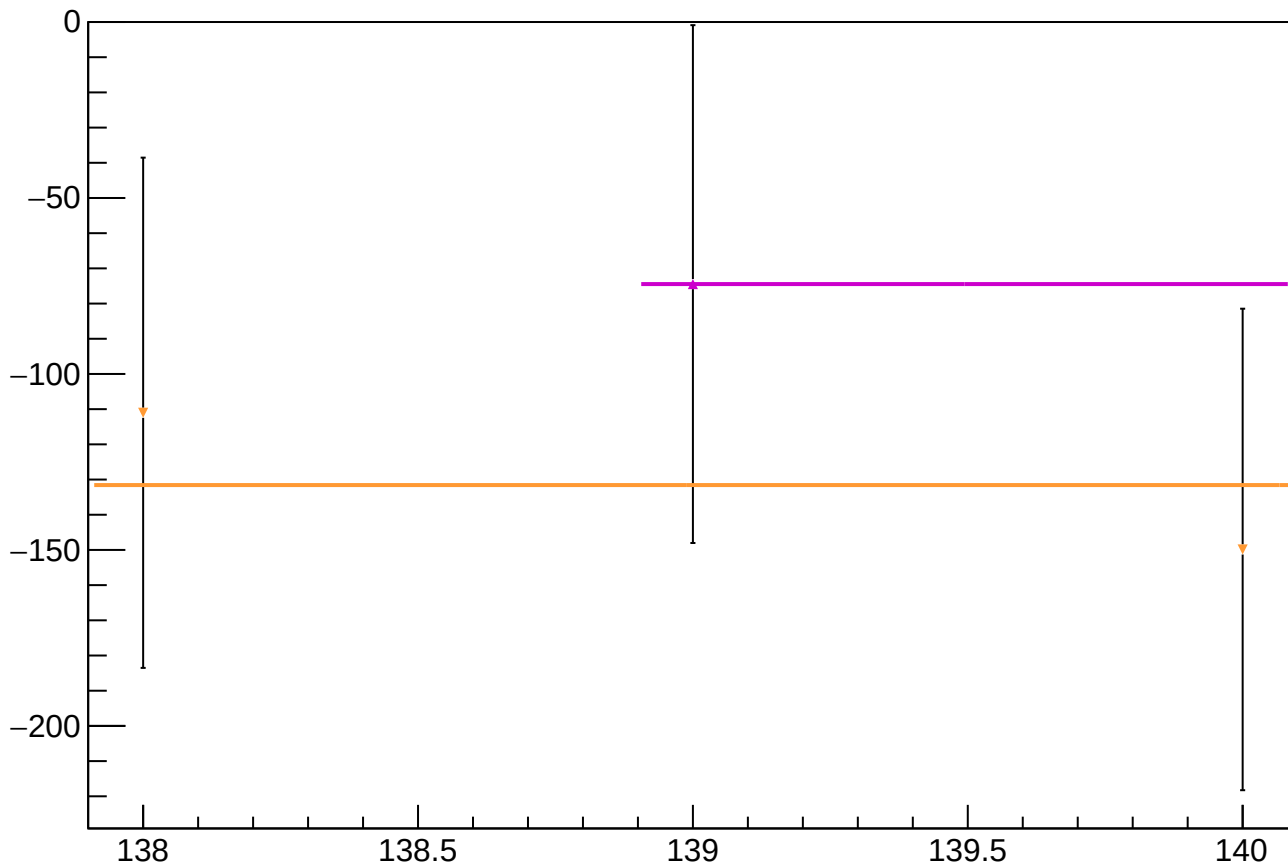
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1126.632+/-0.901 χ^2/NDF :0.0/0

Out: 1001.517+/-0.582 χ^2/NDF :80683.4/1

All: 1038.350+/-0.489 χ^2/NDF : 94296.7/2

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -131.570+/-49.751 χ^2/NDF : 0.2/1

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

Left In: -74.460+/-73.569 χ^2/NDF : 0.0/0

Left: -113.648+/-41.212 χ^2/NDF : 0.6/2

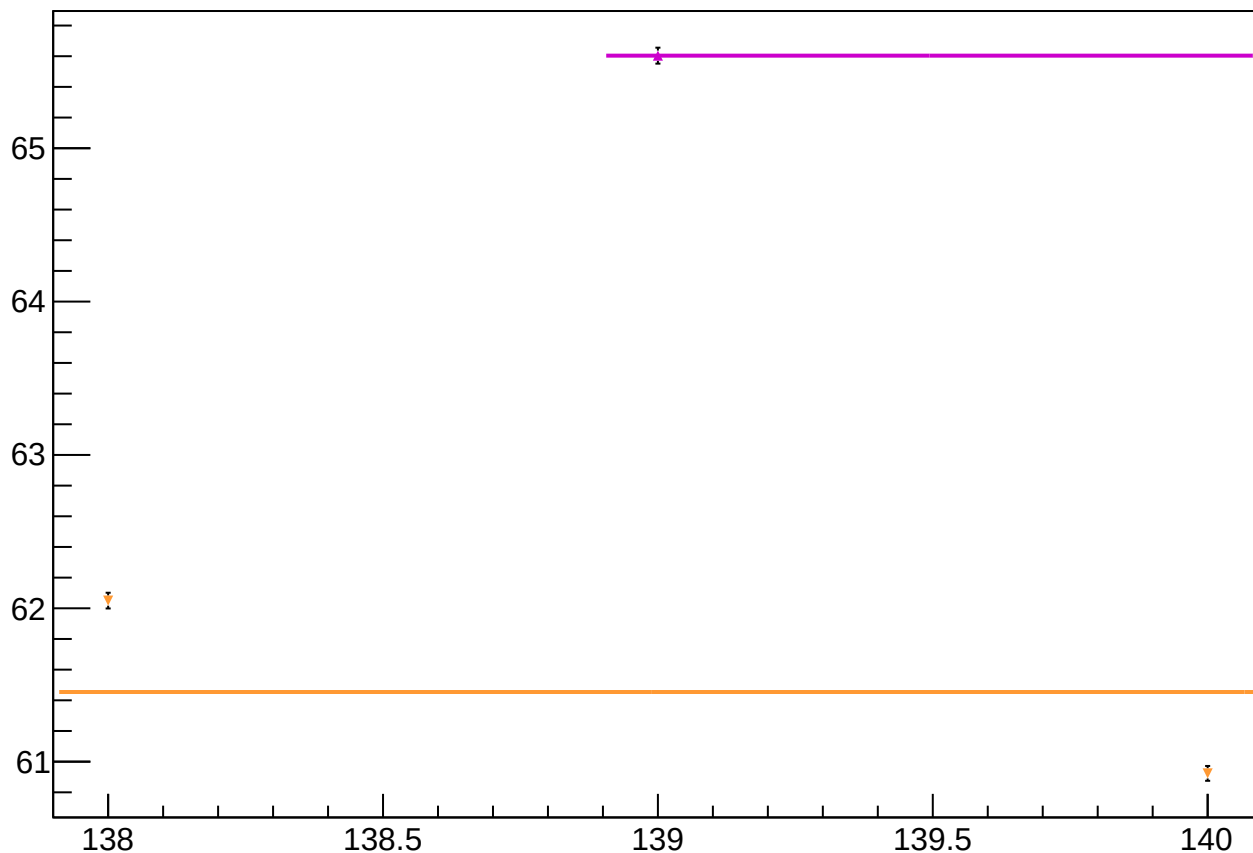
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.460+/-73.569 χ^2/NDF : 0.0/0

Out: -131.570+/-49.751 χ^2/NDF : 0.2/1

All: -113.648+/-41.212 χ^2/NDF : 0.6/2

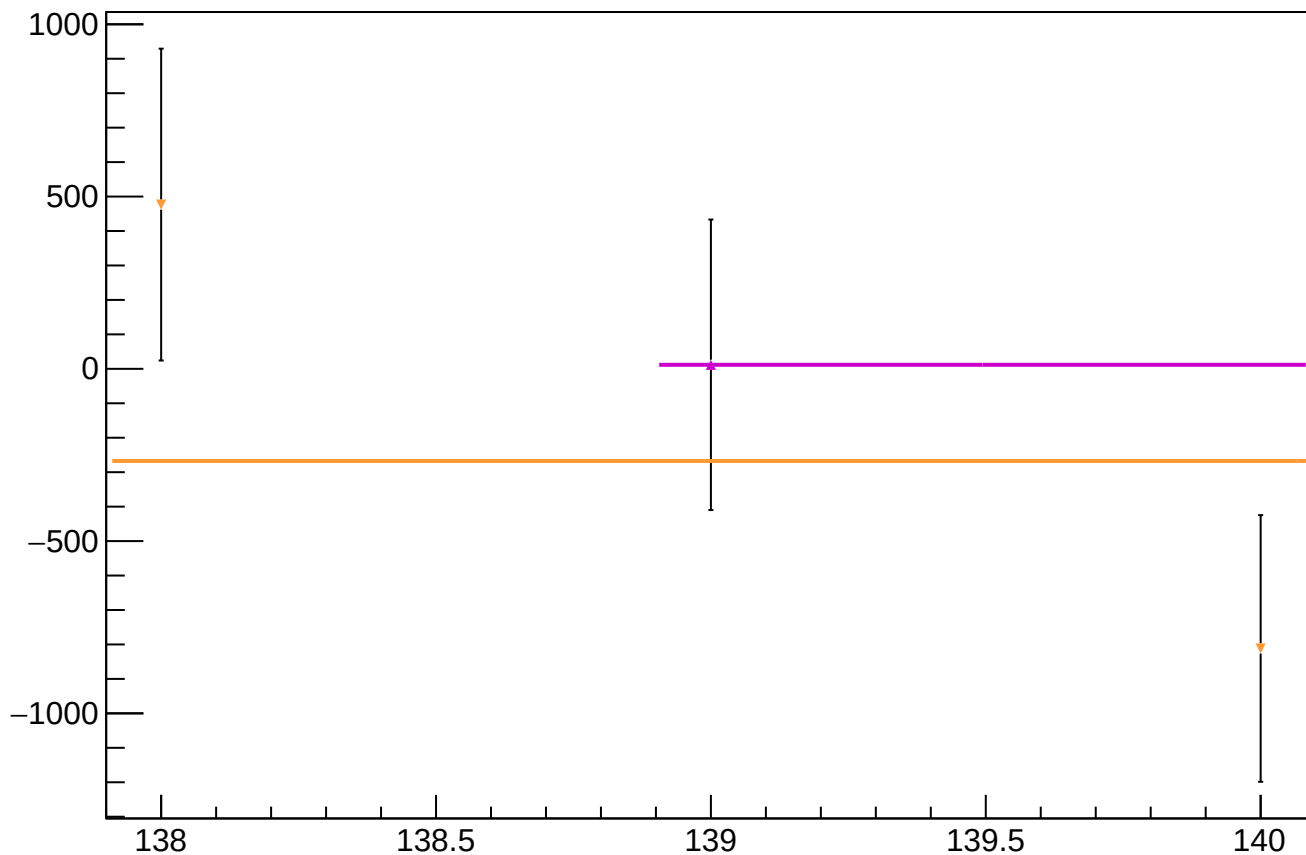
dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 61.454+/-0.035 χ^2/NDF :255.5/1
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 65.604+/-0.052 χ^2/NDF :0.0/0

Left: 62.756+/-0.029 χ^2/NDF : 4621.4/2
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 65.604+/-0.052 χ^2/NDF :0.0/0
Out: 61.454+/-0.035 χ^2/NDF :255.5/1
All: 62.756+/-0.029 χ^2/NDF : 4621.4/2

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: -267.470+/-294.117 χ^2/NDF :4.7/1

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

Left In: 11.679+/-421.588 χ^2/NDF :0.0/0

Left: -176.085+/-241.217 χ^2/NDF : 5.0/2

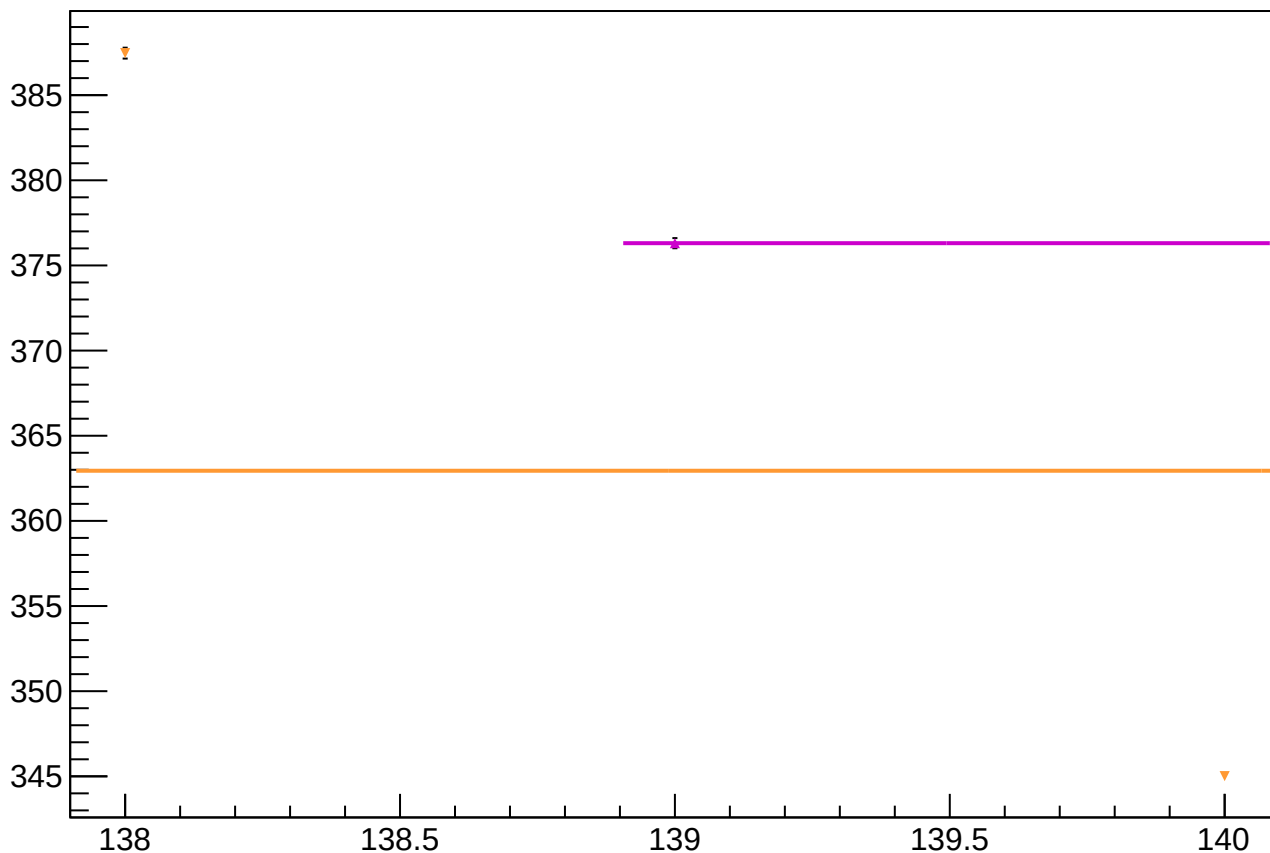
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.679+/-421.588 χ^2/NDF :0.0/0

Out: -267.470+/-294.117 χ^2/NDF :4.7/1

All: -176.085+/-241.217 χ^2/NDF : 5.0/2

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: 362.944+/-0.208 χ^2/NDF :10167.6/1

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

Left In: 376.307+/-0.298 χ^2/NDF :0.0/0

Left: 367.319+/-0.171 χ^2/NDF : 11519.2/2

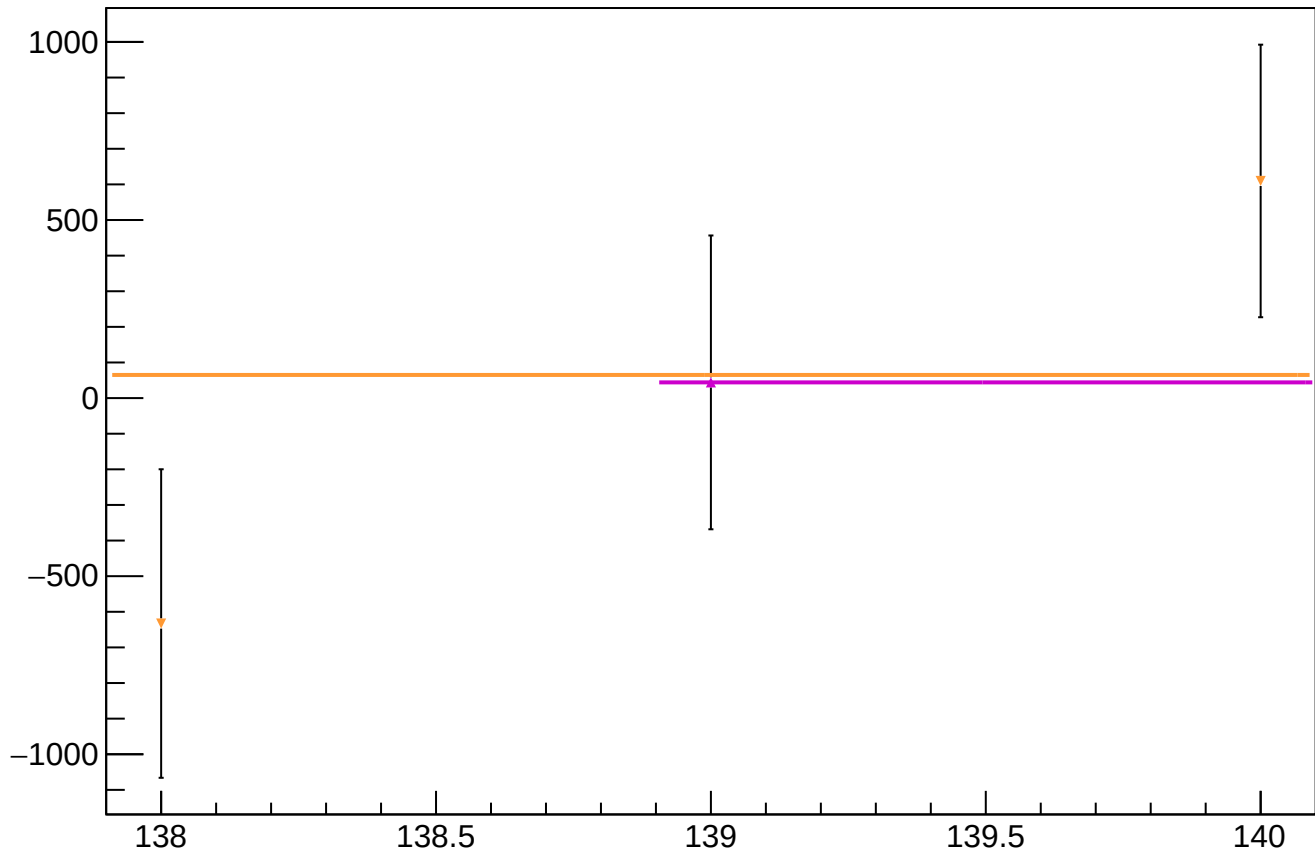
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.307+/-0.298 χ^2/NDF :0.0/0

Out: 362.944+/-0.208 χ^2/NDF :10167.6/1

All: 367.319+/-0.171 χ^2/NDF : 11519.2/2

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: 65.005+/-286.764 χ^2/NDF :4.6/1

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

Left In: 44.107+/-412.451 χ^2/NDF :0.0/0

Left: 58.195+/-235.449 χ^2/NDF : 4.6/2

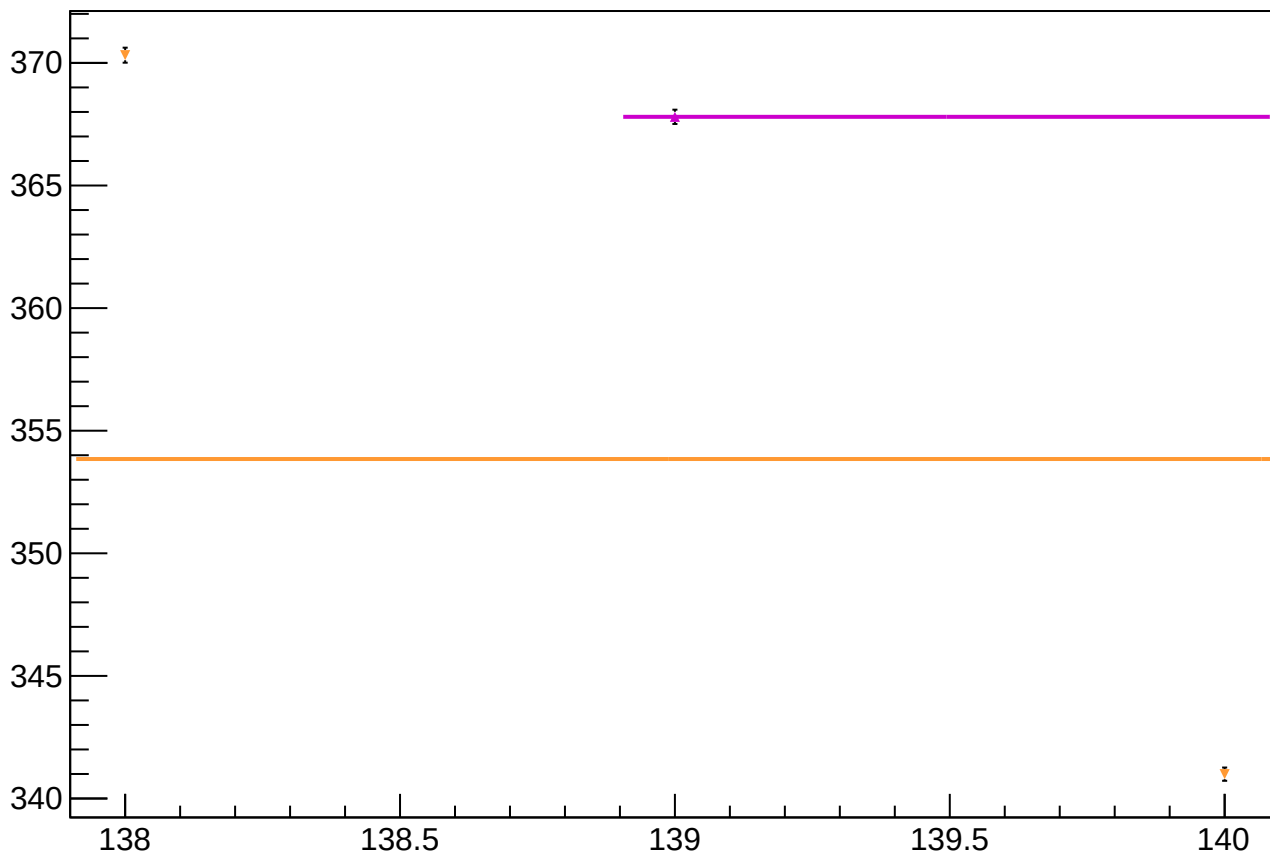
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 44.107+/-412.451 χ^2/NDF :0.0/0

Out: 65.005+/-286.764 χ^2/NDF :4.6/1

All: 58.195+/-235.449 χ^2/NDF : 4.6/2

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: 353.845 $\pm$ 0.203 χ^2 /NDF:5148.4/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 367.801 $\pm$ 0.292 χ^2 /NDF:0.0/0

Left: 358.393 $\pm$ 0.166 χ^2 /NDF: 6692.0/2

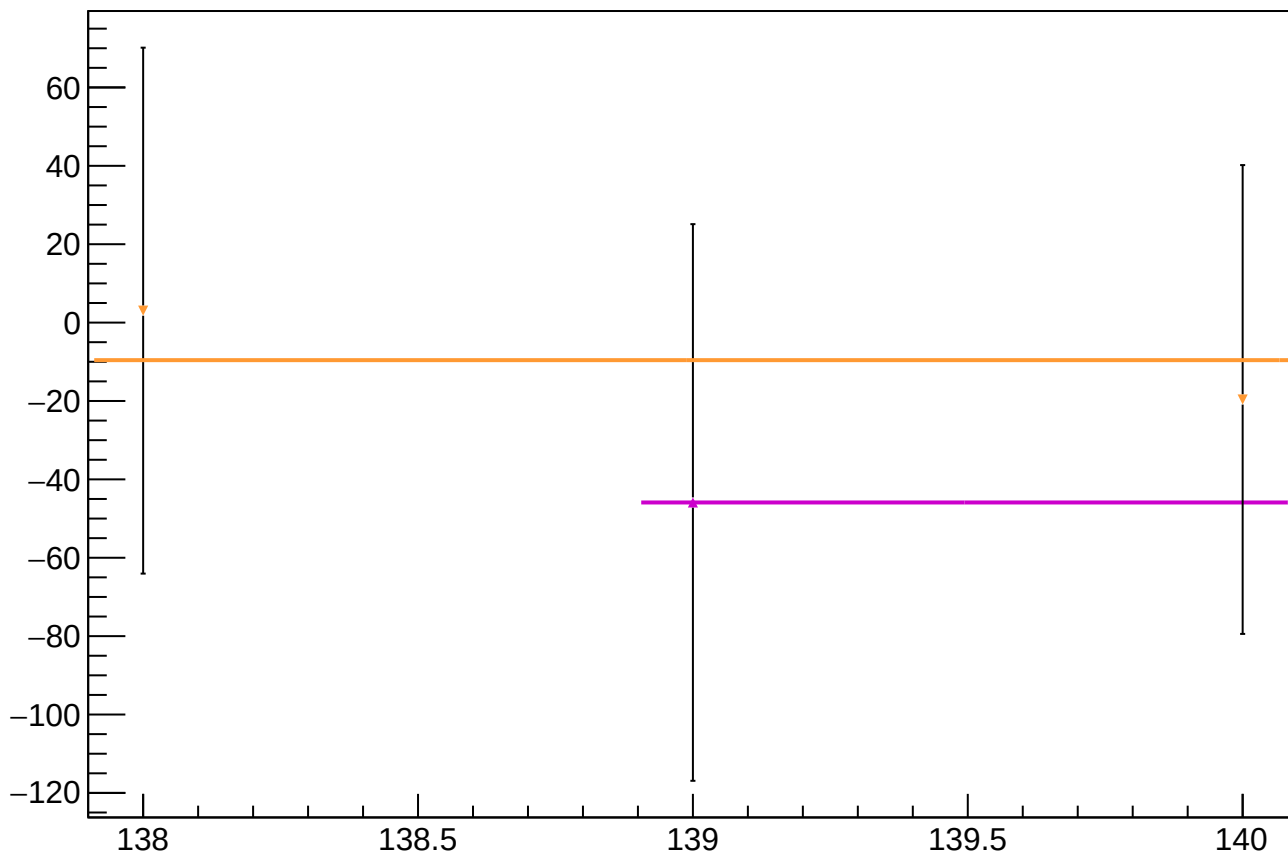
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 367.801 $\pm$ 0.292 χ^2 /NDF:0.0/0

Out: 353.845 $\pm$ 0.203 χ^2 /NDF:5148.4/1

All: 358.393 $\pm$ 0.166 χ^2 /NDF: 6692.0/2

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -9.582+/-44.647 χ^2/NDF : 0.1/1

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

Left In: -45.894+/-71.015 χ^2/NDF : 0.0/0

Left: -19.869+/-37.798 χ^2/NDF : 0.3/2

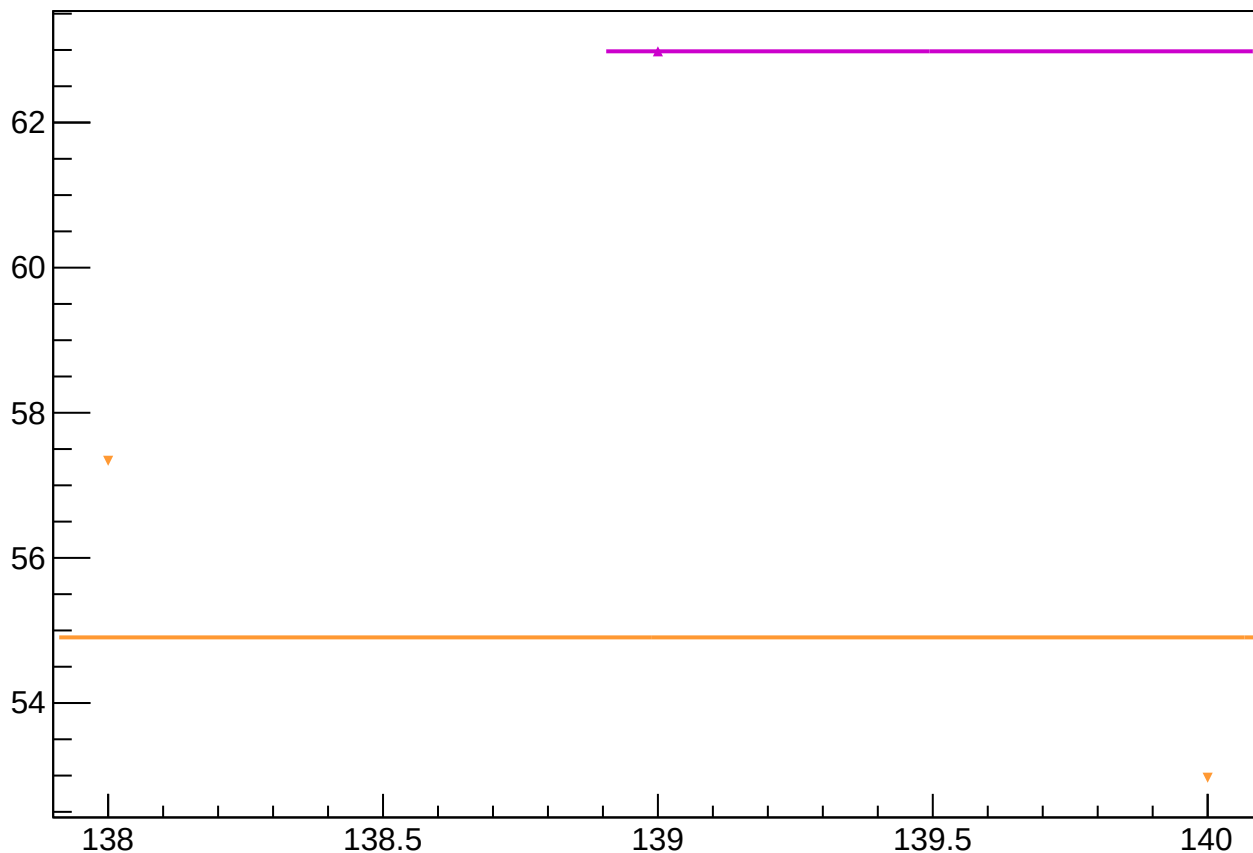
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.894+/-71.015 χ^2/NDF : 0.0/0

Out: -9.582+/-44.647 χ^2/NDF : 0.1/1

All: -19.869+/-37.798 χ^2/NDF : 0.3/2

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: 54.904+/-0.032 χ^2/NDF : 4723.2/1

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

Left In: 62.982+/-0.050 χ^2/NDF : 0.0/0

Left: 57.193+/-0.027 χ^2/NDF : 23266.6/2

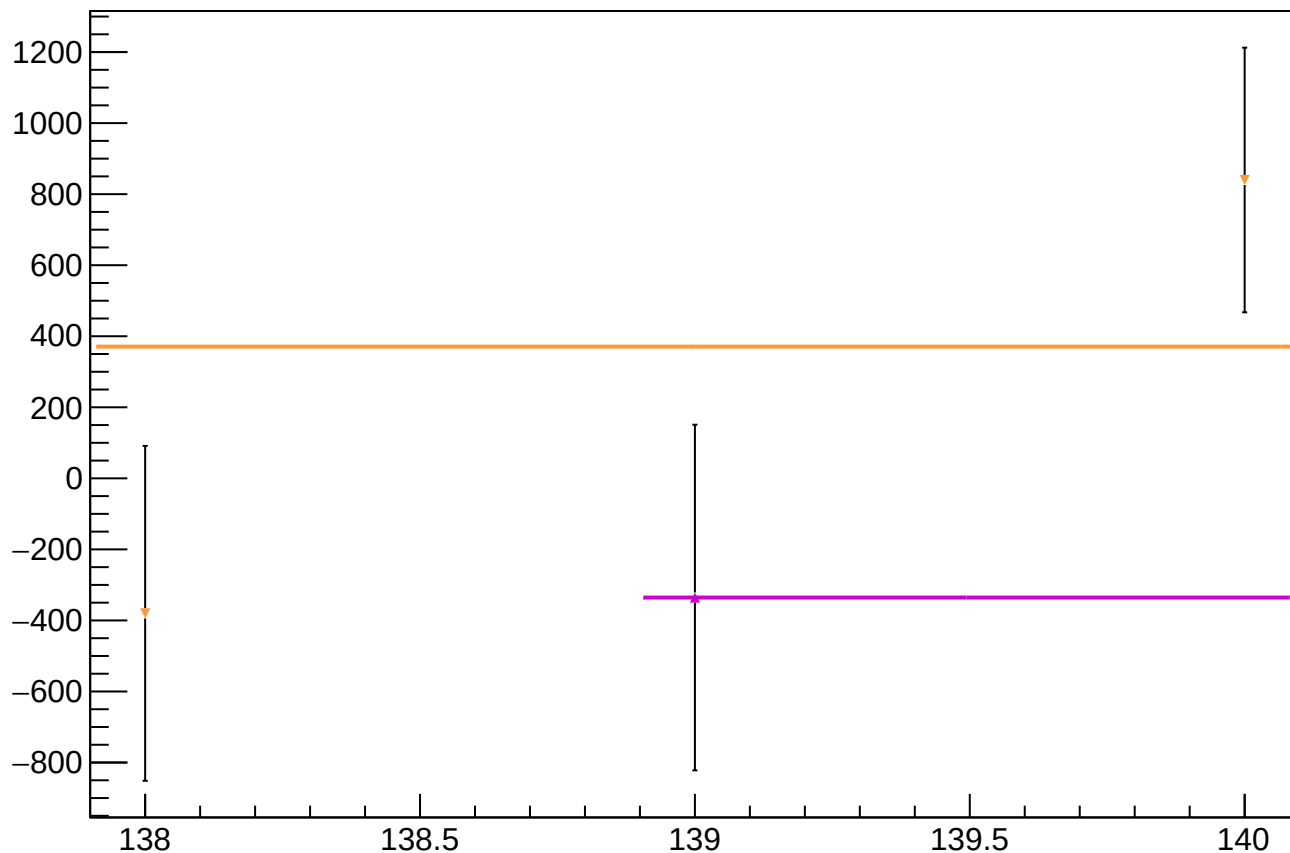
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 62.982+/-0.050 χ^2/NDF : 0.0/0

Out: 54.904+/-0.032 χ^2/NDF : 4723.2/1

All: 57.193+/-0.027 χ^2/NDF : 23266.6/2

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: 370.876+/-292.251 χ^2/NDF : 4.1/1

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

Left In: -335.578+/-486.477 χ^2/NDF : 0.0/0

Left: 183.530+/-250.520 χ^2/NDF : 5.7/2

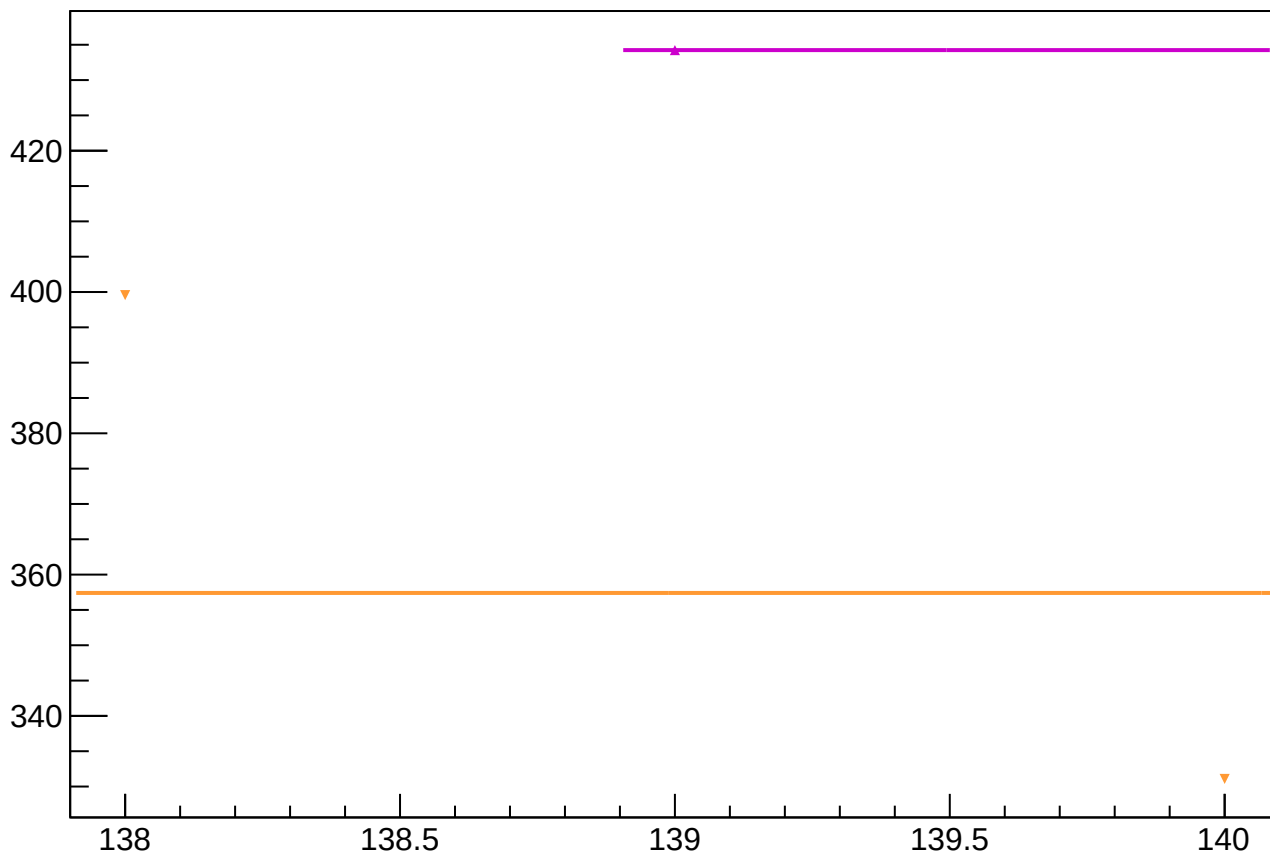
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -335.578+/-486.477 χ^2/NDF : 0.0/0

Out: 370.876+/-292.251 χ^2/NDF : 4.1/1

All: 183.530+/-250.520 χ^2/NDF : 5.7/2

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Left: 377.781 +/- 0.177 χ^2/NDF : 62652.4/2

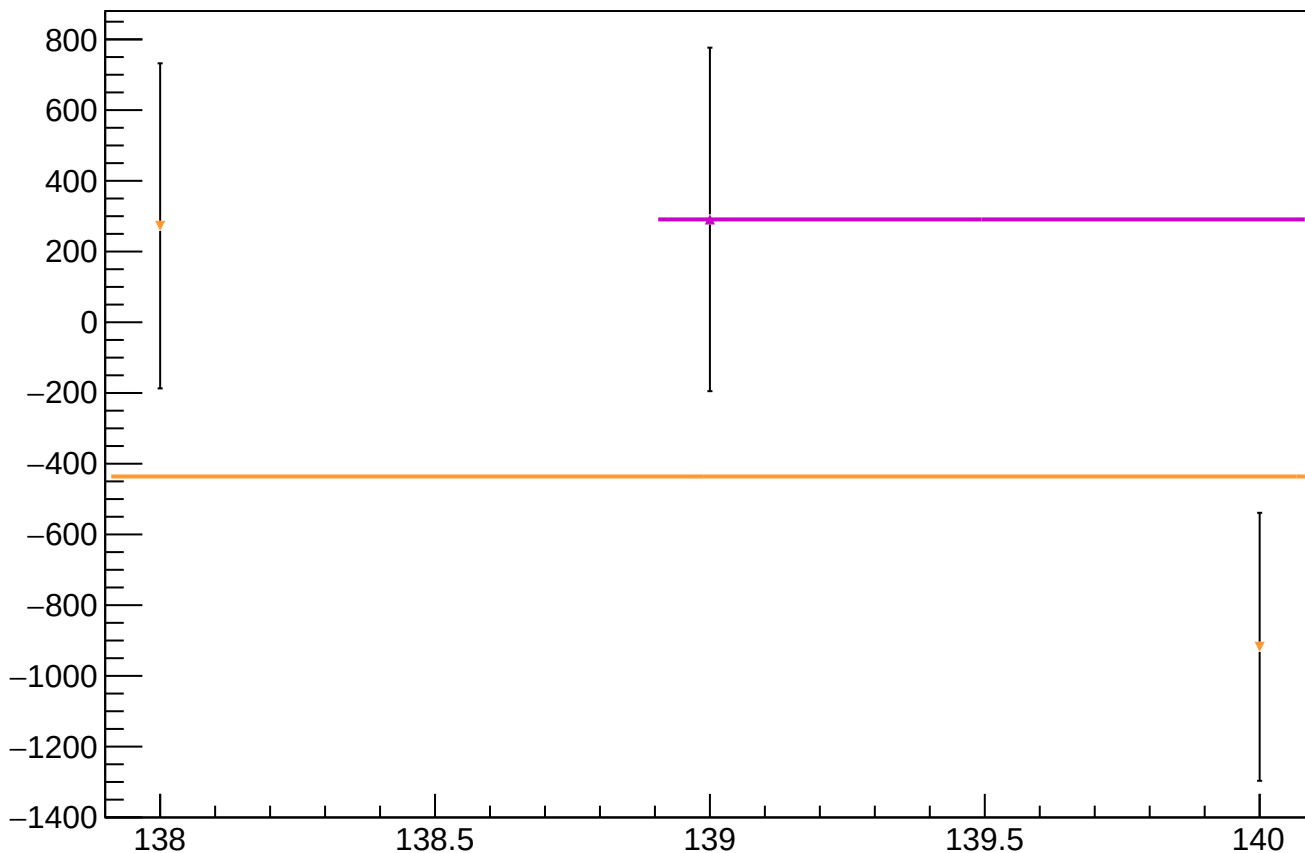
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 434.243 +/- 0.344 χ^2/NDF : 0.0/0

Out: 357.404 +/- 0.207 χ^2/NDF : 25988.1/1

All: 377.781 +/- 0.177 χ^2/NDF : 62652.4/2

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left Out: -436.166+/-292.398 $\chi^2/NDF: 4.0/1$

Right Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left In: 290.848+/-485.700 $\chi^2/NDF: 0.0/0$

Left: -242.772+/-250.506 $\chi^2/NDF: 5.6/2$

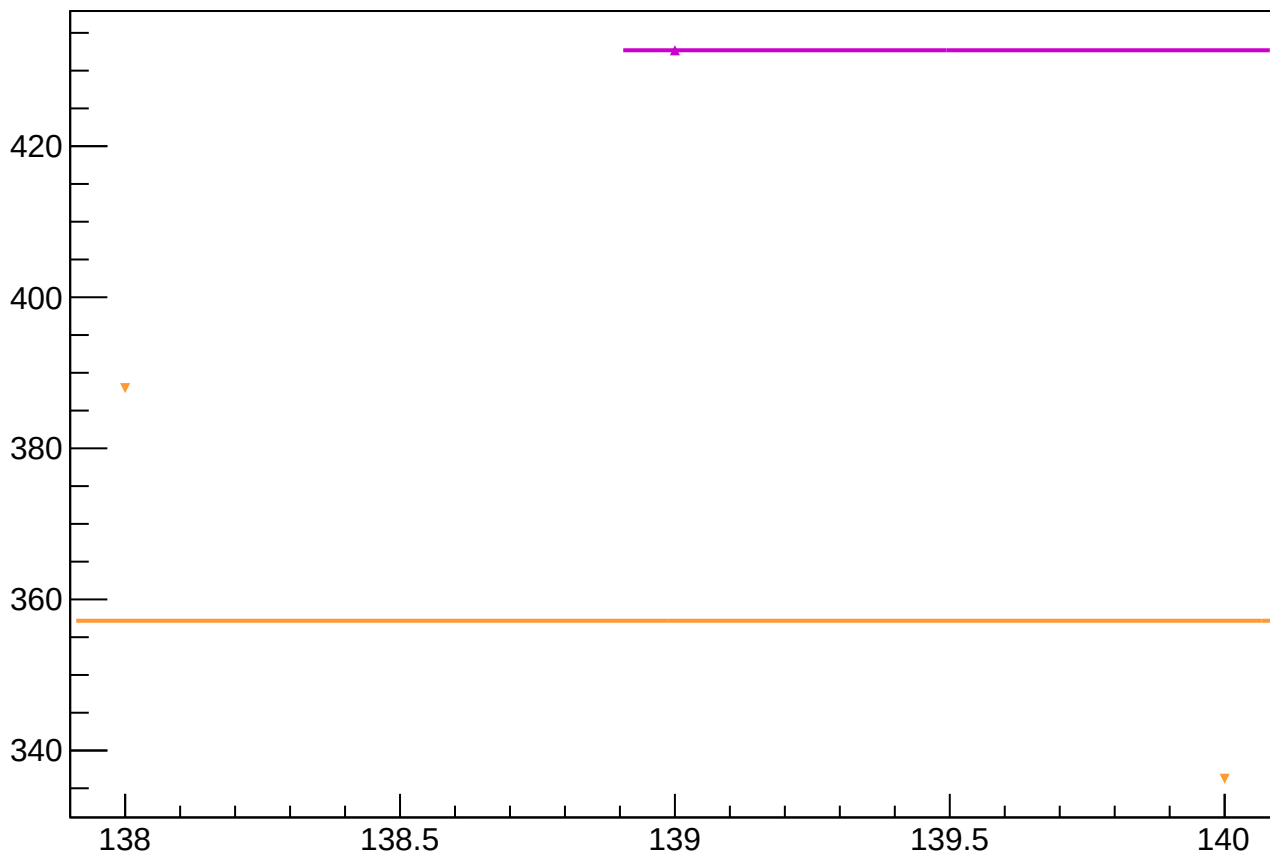
Right: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

In: 290.848+/-485.700 $\chi^2/NDF: 0.0/0$

Out: -436.166+/-292.398 $\chi^2/NDF: 4.0/1$

All: -242.772+/-250.506 $\chi^2/NDF: 5.6/2$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 357.179+/-0.207 χ^2/NDF :15069.7/1

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

Left In: 432.697+/-0.343 χ^2/NDF :0.0/0

Left: 377.268+/-0.177 χ^2/NDF : 50557.9/2

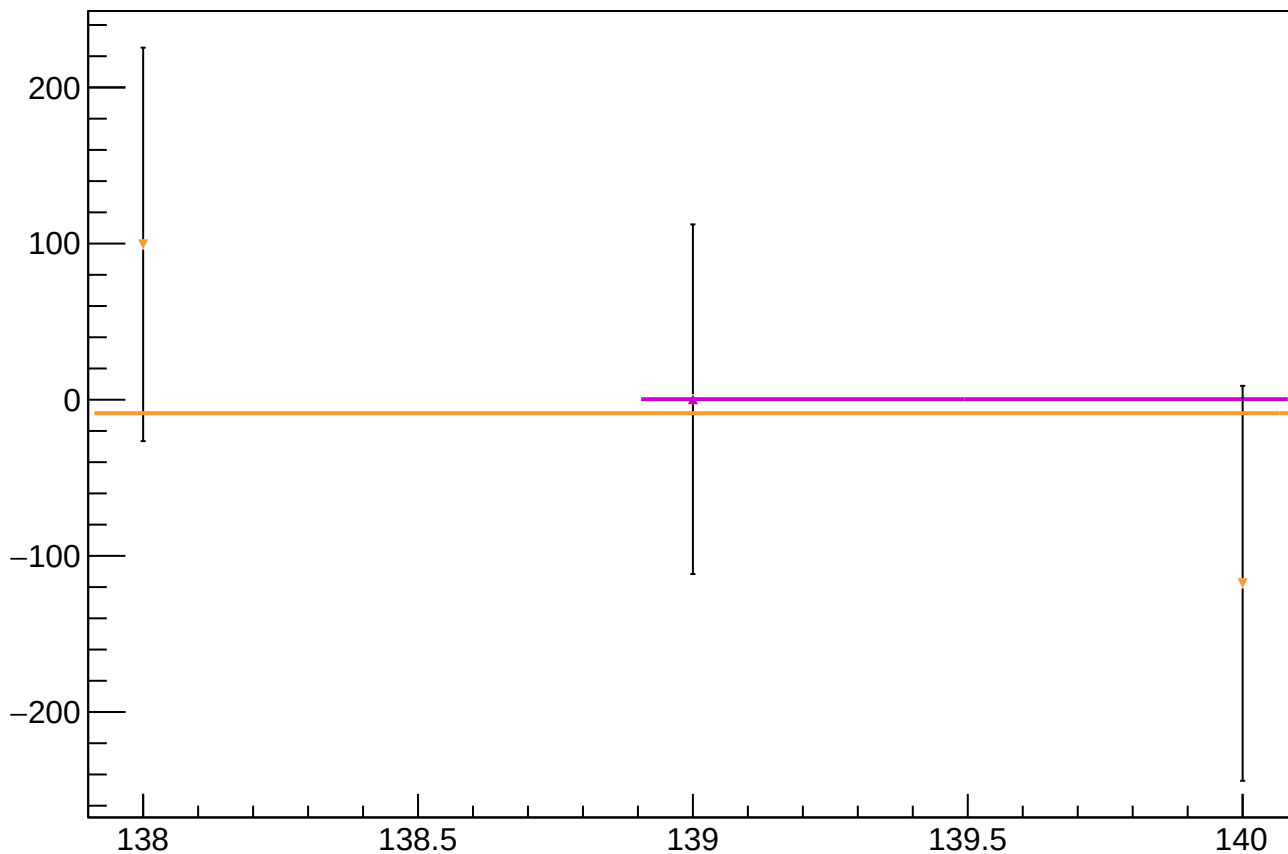
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 432.697+/-0.343 χ^2/NDF :0.0/0

Out: 357.179+/-0.207 χ^2/NDF :15069.7/1

All: 377.268+/-0.177 χ^2/NDF : 50557.9/2

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: -8.635+/-89.259 χ^2/NDF :1.5/1

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

Left In: 0.319+/-111.963 χ^2/NDF :0.0/0

Left: -5.155+/-69.794 χ^2/NDF : 1.5/2

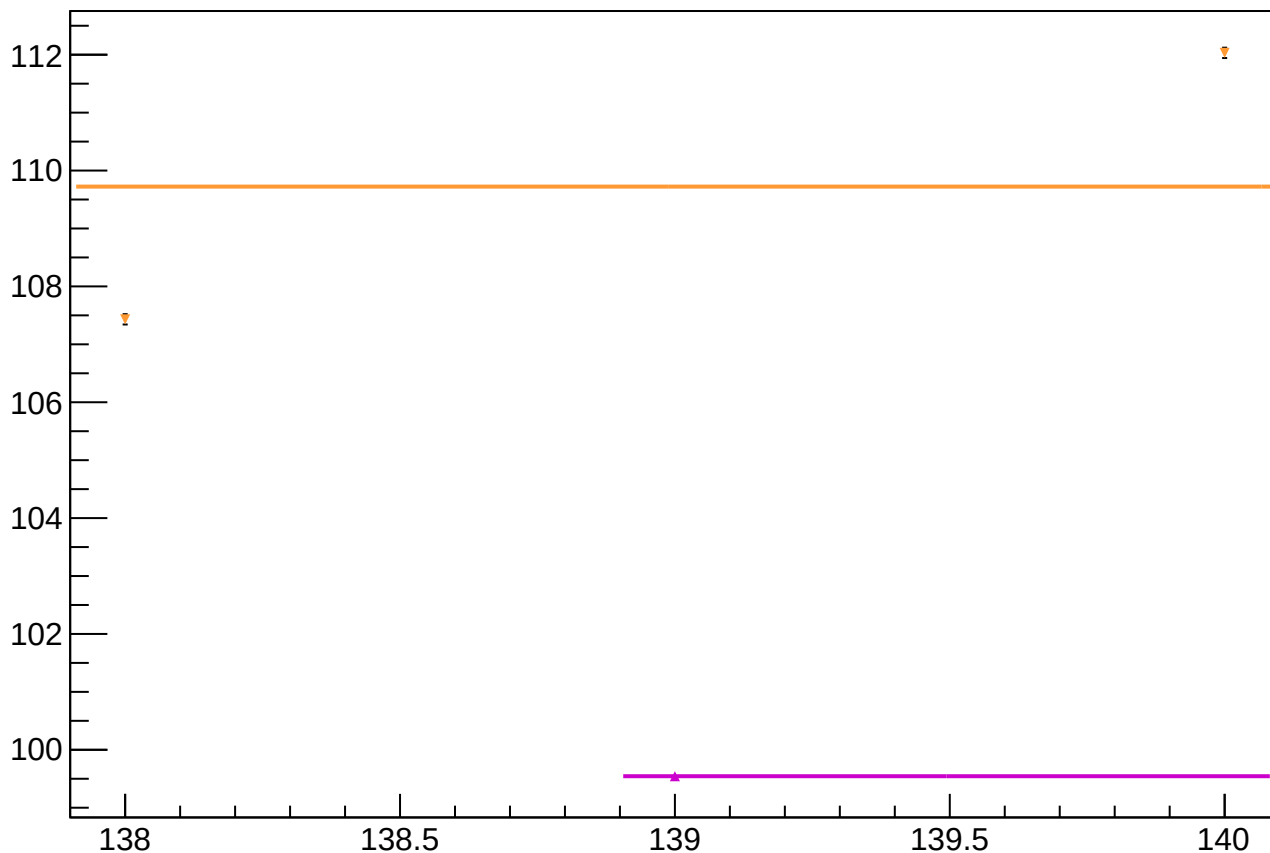
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.319+/-111.963 χ^2/NDF :0.0/0

Out: -8.635+/-89.259 χ^2/NDF :1.5/1

All: -5.155+/-69.794 χ^2/NDF : 1.5/2

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: 109.723 $\pm$ 0.063 χ^2 /NDF:1328.2/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 99.544 $\pm$ 0.079 χ^2 /NDF:0.0/0

Left: 105.768 $\pm$ 0.049 χ^2 /NDF: 11435.7/2

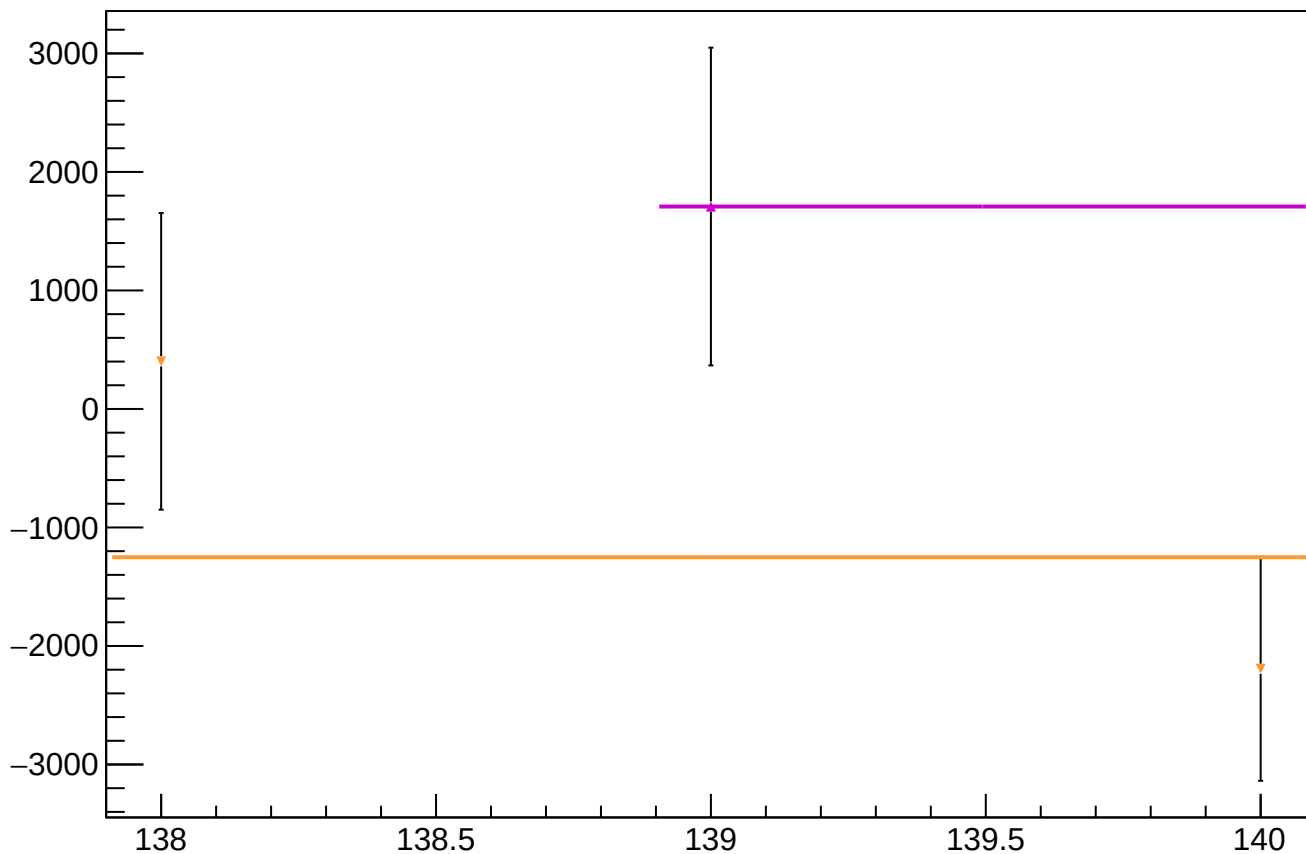
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 99.544 $\pm$ 0.079 χ^2 /NDF:0.0/0

Out: 109.723 $\pm$ 0.063 χ^2 /NDF:1328.2/1

All: 105.768 $\pm$ 0.049 χ^2 /NDF: 11435.7/2

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1250.934+/-754.064 χ^2/NDF : 2.7/1

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

Left In: 1708.055+/-1340.584 χ^2/NDF : 0.0/0

Left: -539.743+/-657.227 χ^2/NDF : 6.4/2

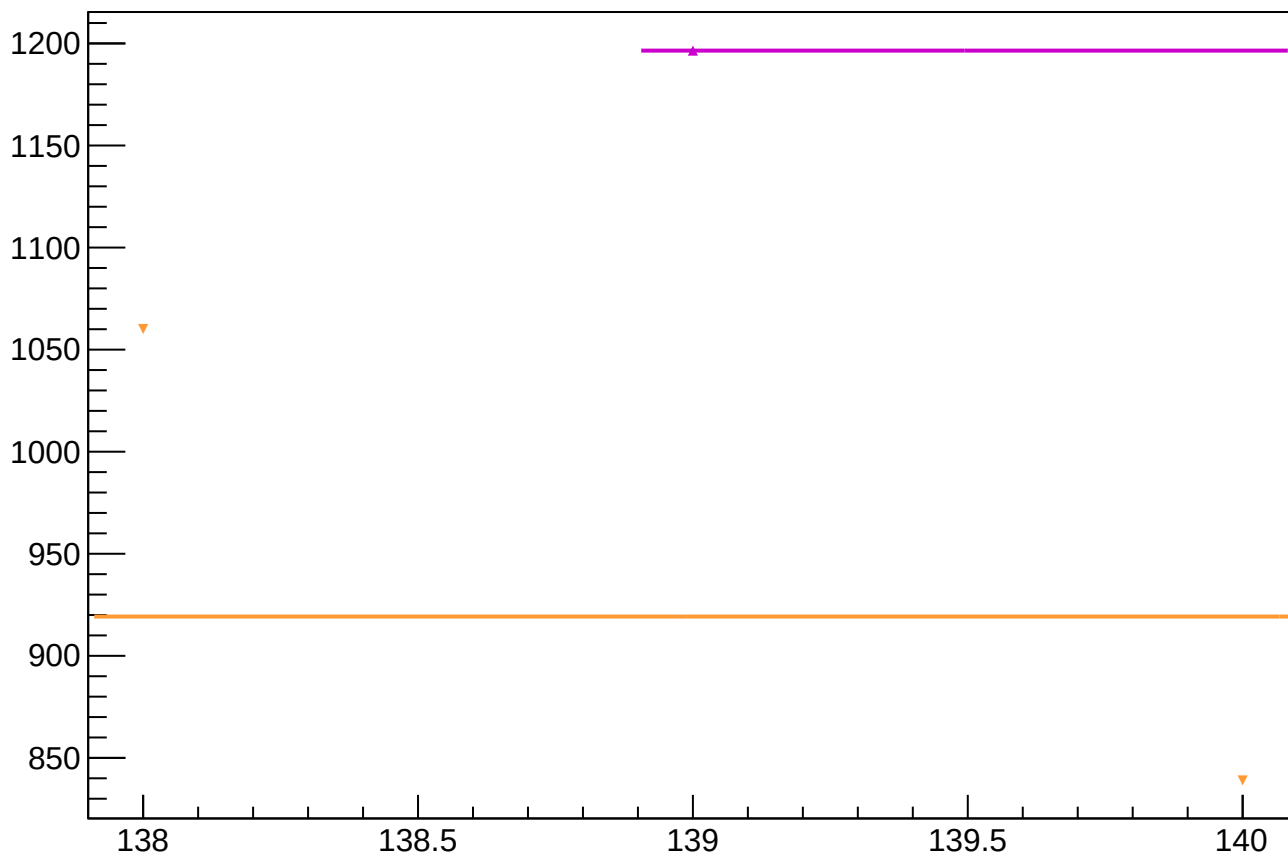
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1708.055+/-1340.584 χ^2/NDF : 0.0/0

Out: -1250.934+/-754.064 χ^2/NDF : 2.7/1

All: -539.743+/-657.227 χ^2/NDF : 6.4/2

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: 919.245+/-0.533 χ^2 /NDF:39777.7/1

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

Left In: 1196.487+/-0.948 χ^2 /NDF:0.0/0

Left: 985.880+/-0.465 χ^2 /NDF: 104756.5/2

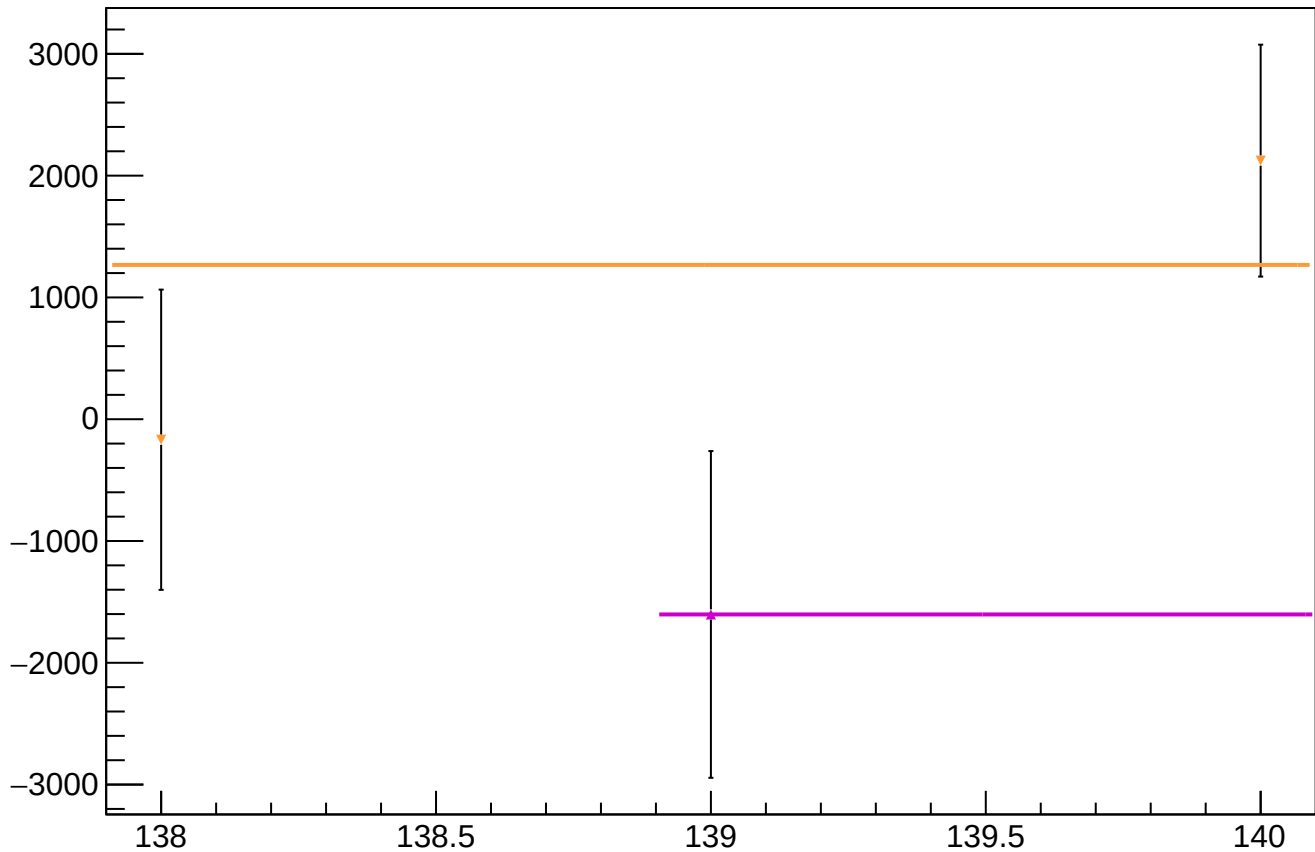
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 1196.487+/-0.948 χ^2 /NDF:0.0/0

Out: 919.245+/-0.533 χ^2 /NDF:39777.7/1

All: 985.880+/-0.465 χ^2 /NDF: 104756.5/2

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1267.040+/-753.511 χ^2/NDF : 2.2/1

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

Left In: -1603.008+/-1341.352 χ^2/NDF : 0.0/0

Left: 578.596+/-656.951 χ^2/NDF : 5.6/2

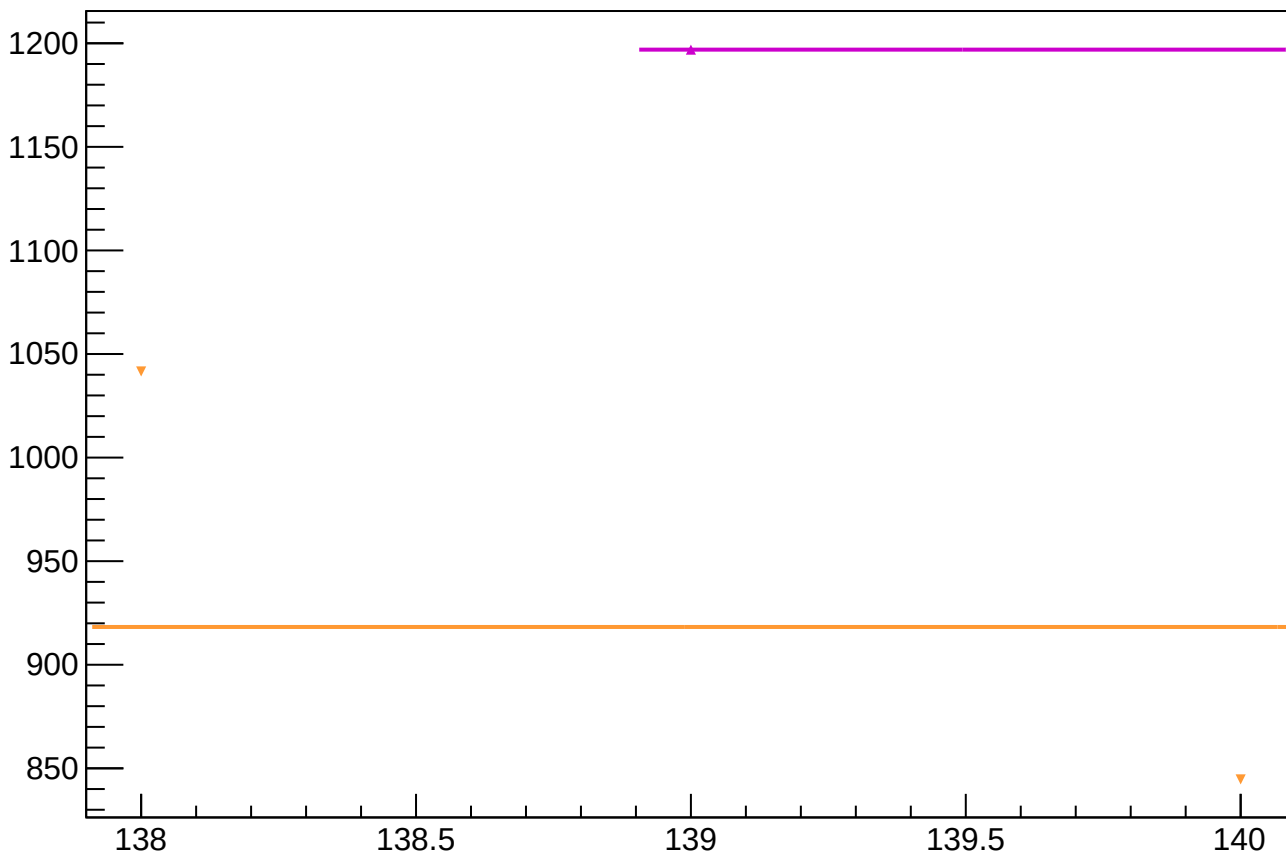
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1603.008+/-1341.352 χ^2/NDF : 0.0/0

Out: 1267.040+/-753.511 χ^2/NDF : 2.2/1

All: 578.596+/-656.951 χ^2/NDF : 5.6/2

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 918.233+/-0.533 χ^2/NDF : 31970.8/1

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

Left In: 1196.932+/-0.948 χ^2/NDF : 0.0/0

Left: 985.085+/-0.465 χ^2/NDF : 97600.8/2

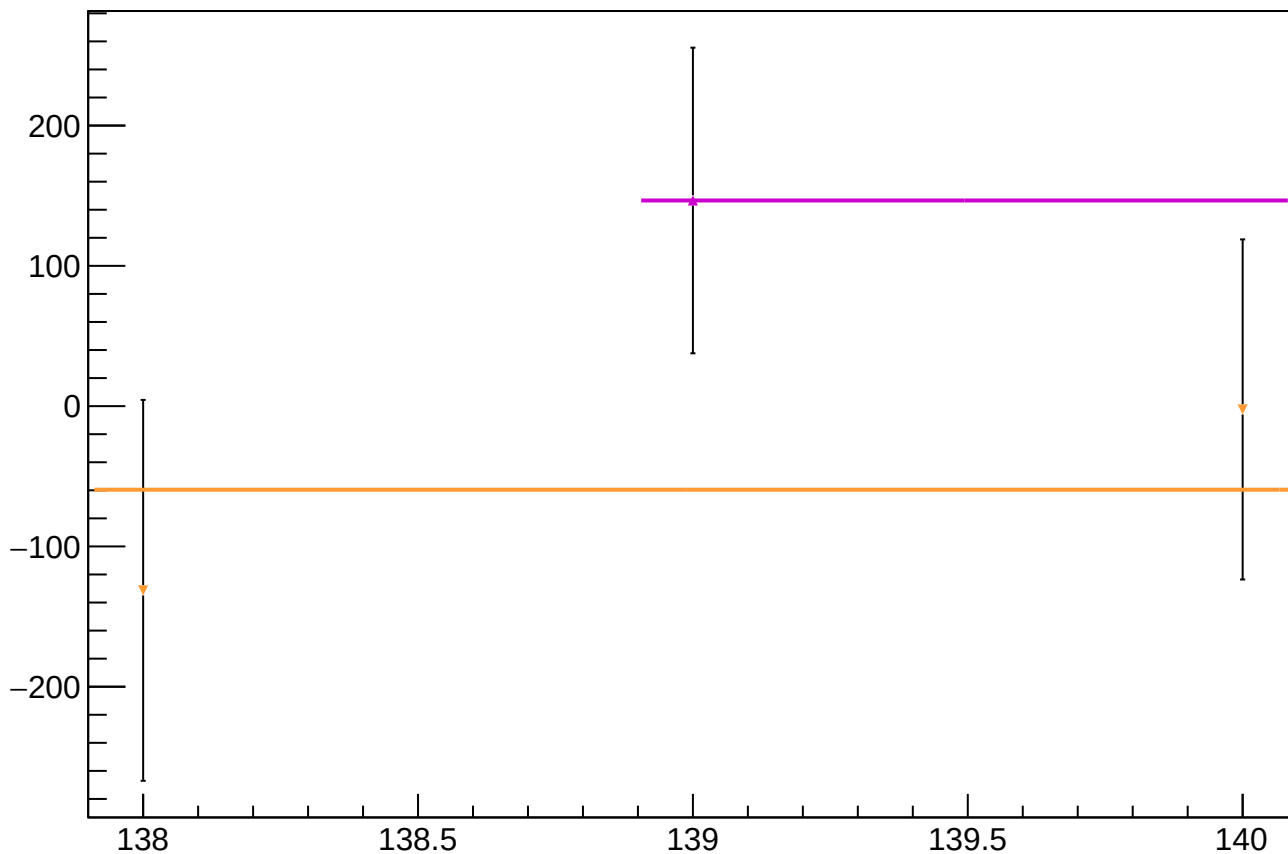
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1196.932+/-0.948 χ^2/NDF : 0.0/0

Out: 918.233+/-0.533 χ^2/NDF : 31970.8/1

All: 985.085+/-0.465 χ^2/NDF : 97600.8/2

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -59.561+/-90.422 χ^2/NDF : 0.5/1

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

Left In: 146.595+/-108.932 χ^2/NDF : 0.0/0

Left: 24.540+/-69.575 χ^2/NDF : 2.6/2

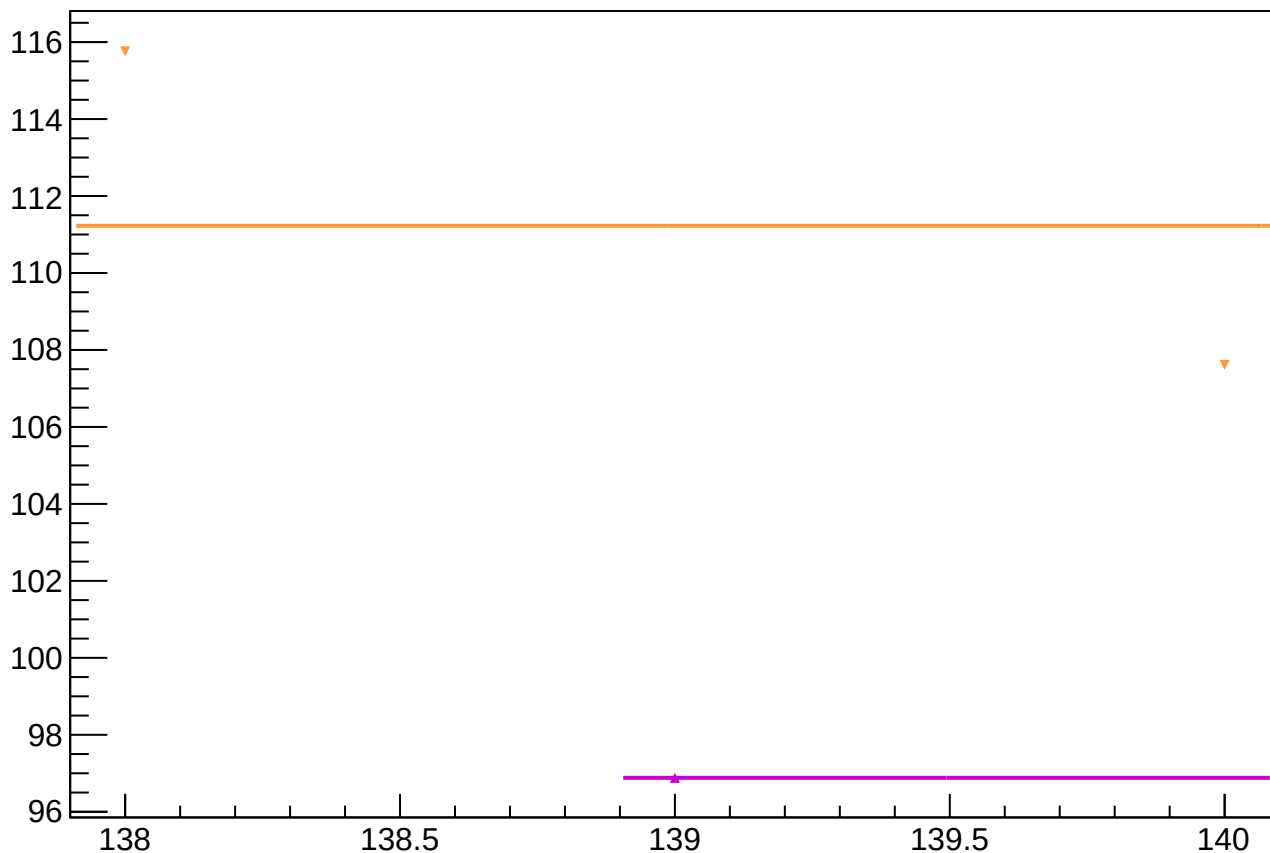
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.595+/-108.932 χ^2/NDF : 0.0/0

Out: -59.561+/-90.422 χ^2/NDF : 0.5/1

All: 24.540+/-69.575 χ^2/NDF : 2.6/2

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: 111.226 ± 0.064 χ^2/NDF : 4007.2/1

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 96.882 ± 0.077 χ^2/NDF : 0.0/0

Left: 105.375 ± 0.049 χ^2/NDF : 24539.2/2

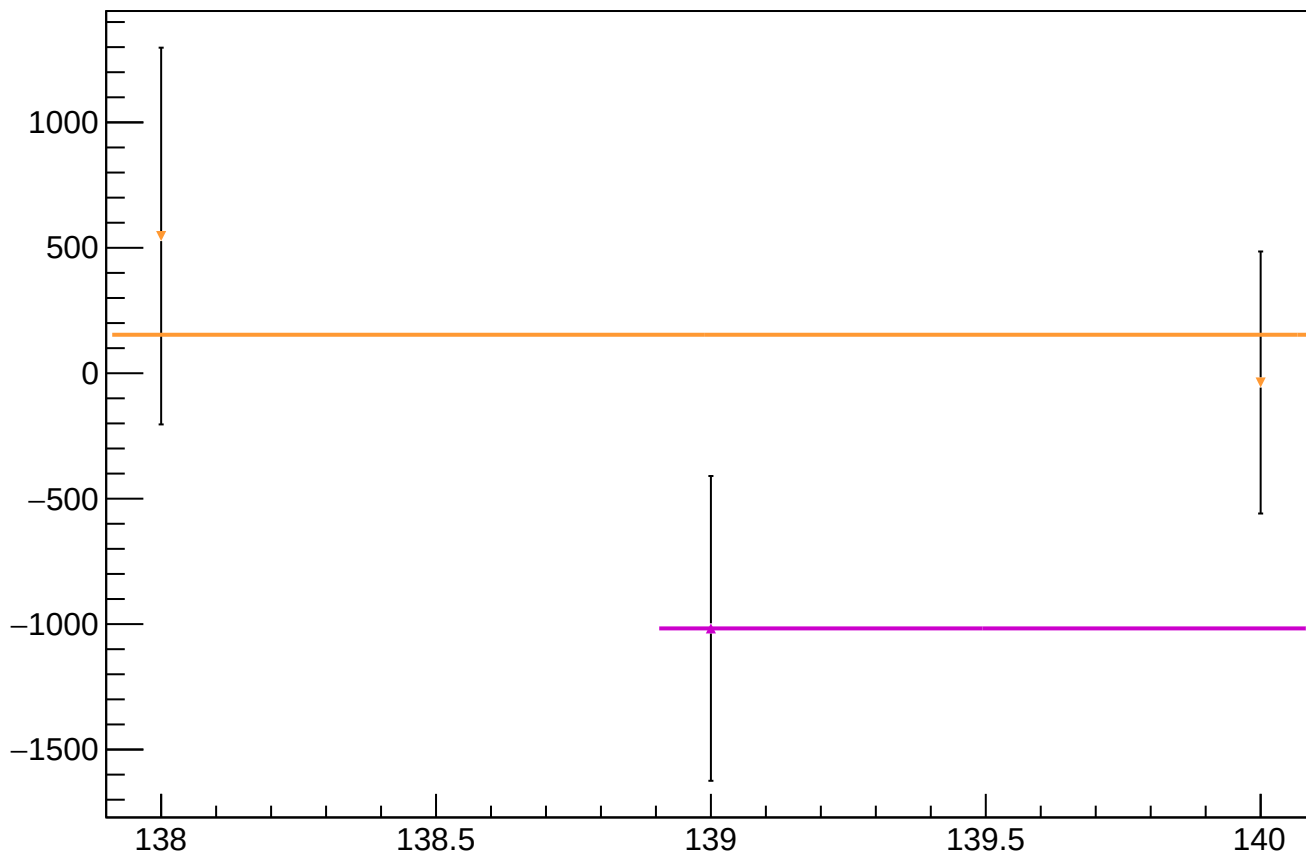
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 96.882 ± 0.077 χ^2/NDF : 0.0/0

Out: 111.226 ± 0.064 χ^2/NDF : 4007.2/1

All: 105.375 ± 0.049 χ^2/NDF : 24539.2/2

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 153.438 $\pm$ 428.760 χ^2/NDF : 0.4/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -1017.151 $\pm$ 607.475 χ^2/NDF : 0.0/0

Left: -235.802 $\pm$ 350.296 χ^2/NDF : 2.9/2

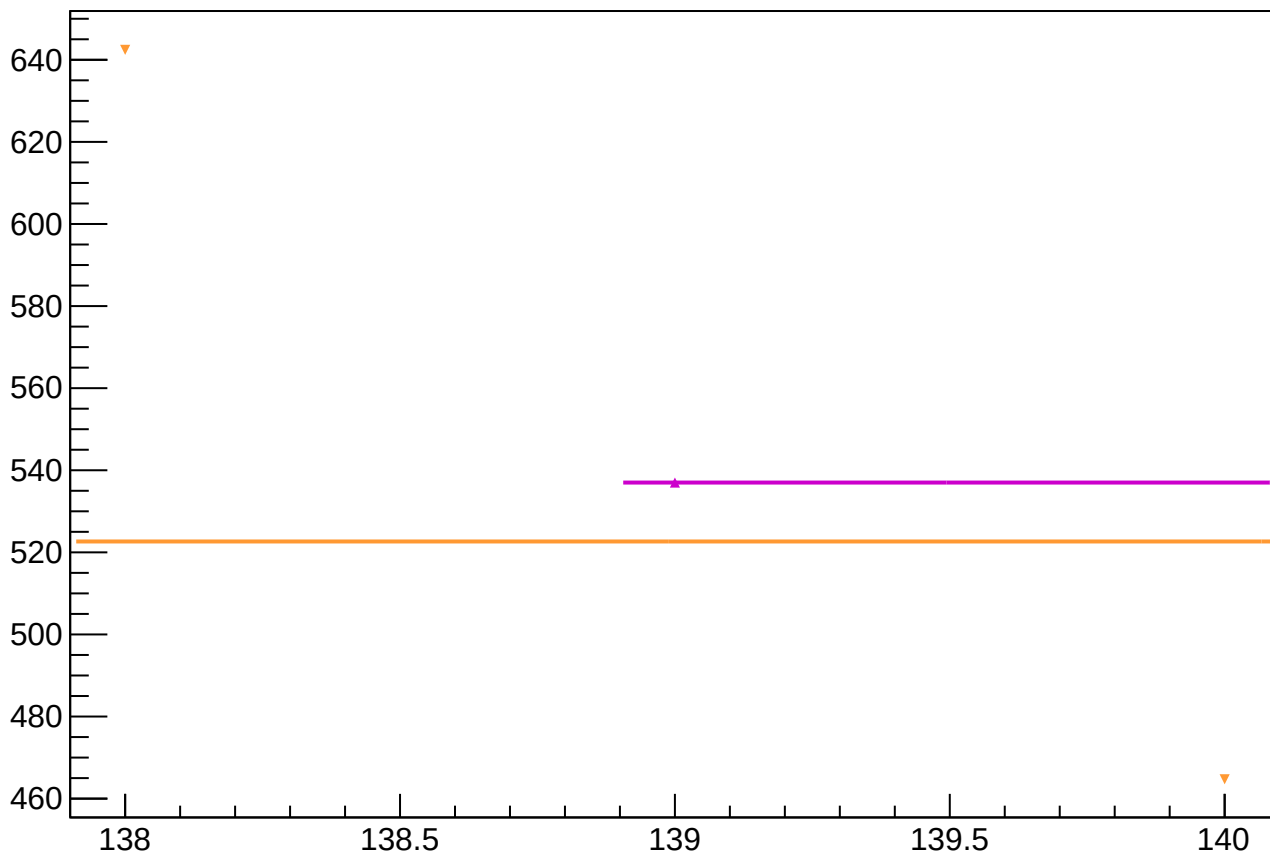
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -1017.151 $\pm$ 607.475 χ^2/NDF : 0.0/0

Out: 153.438 $\pm$ 428.760 χ^2/NDF : 0.4/1

All: -235.802 $\pm$ 350.296 χ^2/NDF : 2.9/2

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: 522.651+/-0.303 χ^2/NDF : 75496.9/1

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

Left In: 537.004+/-0.430 χ^2/NDF : 0.0/0

Left: 527.424+/-0.248 χ^2/NDF : 76242.3/2

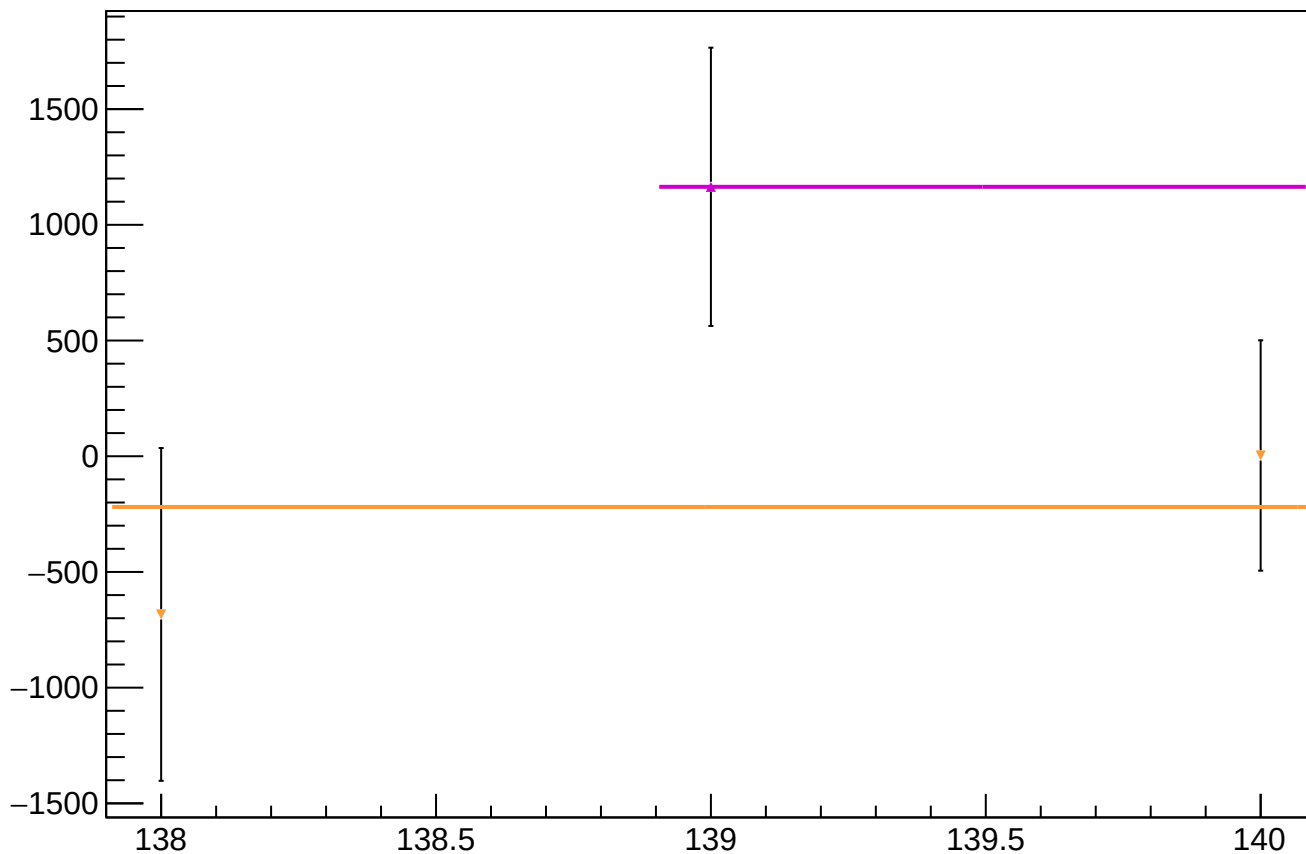
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 537.004+/-0.430 χ^2/NDF : 0.0/0

Out: 522.651+/-0.303 χ^2/NDF : 75496.9/1

All: 527.424+/-0.248 χ^2/NDF : 76242.3/2

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -219.186+/-409.274 χ^2/NDF : 0.6/1

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

Left In: 1164.228+/-601.314 χ^2/NDF : 0.0/0

Left: 218.796+/-338.340 χ^2/NDF : 4.2/2

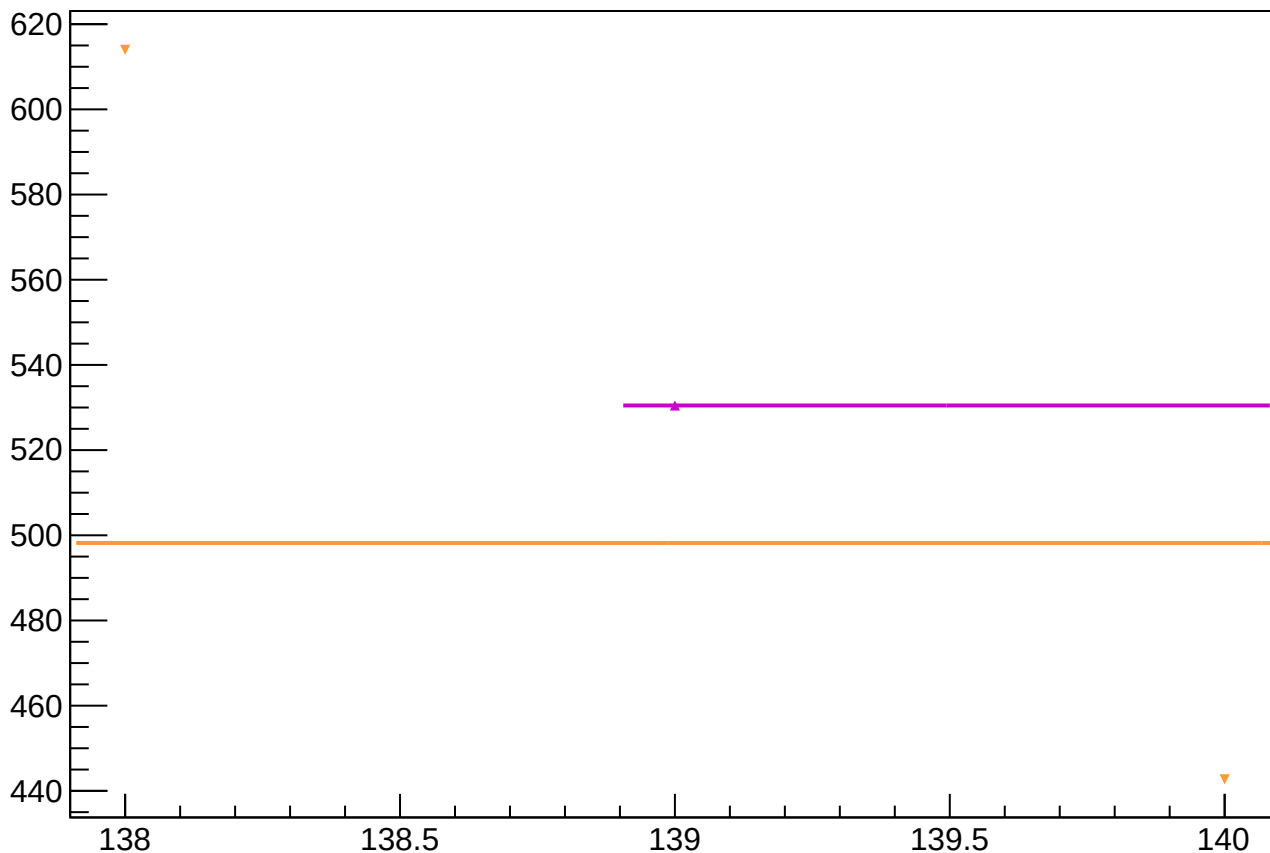
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1164.228+/-601.314 χ^2/NDF : 0.0/0

Out: -219.186+/-409.274 χ^2/NDF : 0.6/1

All: 218.796+/-338.340 χ^2/NDF : 4.2/2

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 498.202+/-0.289 χ^2/NDF : 76701.7/1

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

Left In: 530.478+/-0.425 χ^2/NDF : 0.0/0

Left: 508.420+/-0.239 χ^2/NDF : 80639.4/2

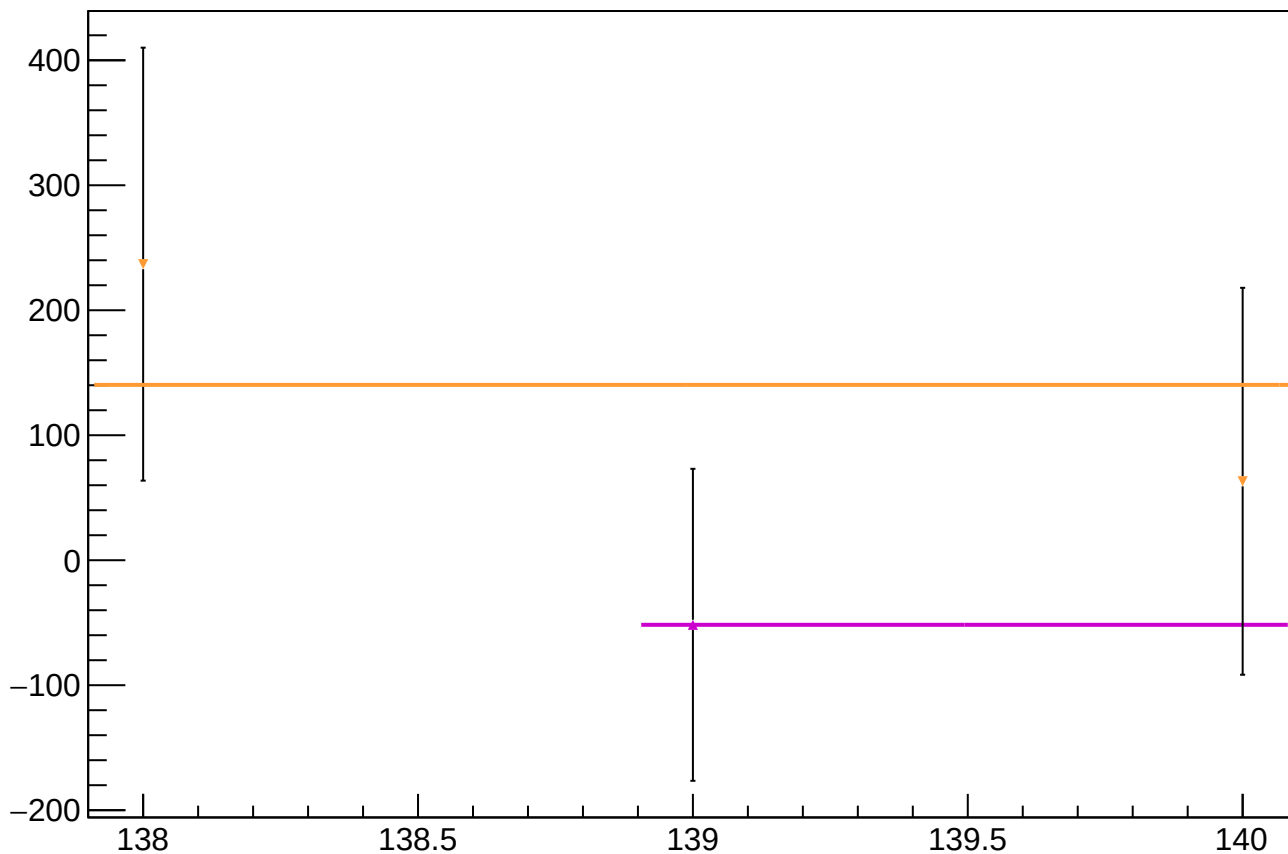
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 530.478+/-0.425 χ^2/NDF : 0.0/0

Out: 498.202+/-0.289 χ^2/NDF : 76701.7/1

All: 508.420+/-0.239 χ^2/NDF : 80639.4/2

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 140.297+/-115.414 χ^2/NDF : 0.6/1

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

Left In: -51.673+/-124.804 χ^2/NDF : 0.0/0

Left: 51.804+/-84.735 χ^2/NDF : 1.8/2

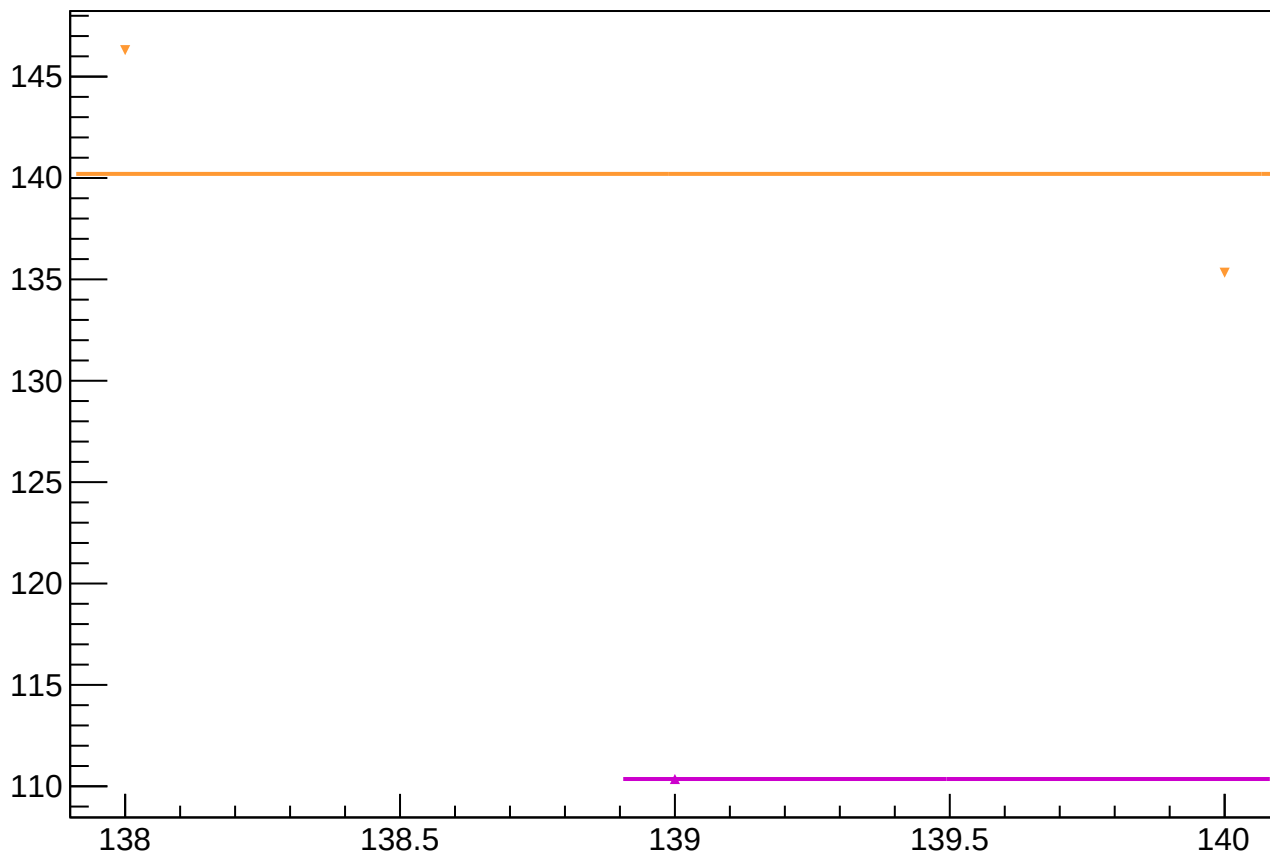
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.673+/-124.804 χ^2/NDF : 0.0/0

Out: 140.297+/-115.414 χ^2/NDF : 0.6/1

All: 51.804+/-84.735 χ^2/NDF : 1.8/2

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 140.202+/-0.082 χ^2/NDF : 4465.4/1

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

Left In: 110.359+/-0.088 χ^2/NDF : 0.0/0

Left: 126.445+/-0.060 χ^2/NDF : 66108.5/2

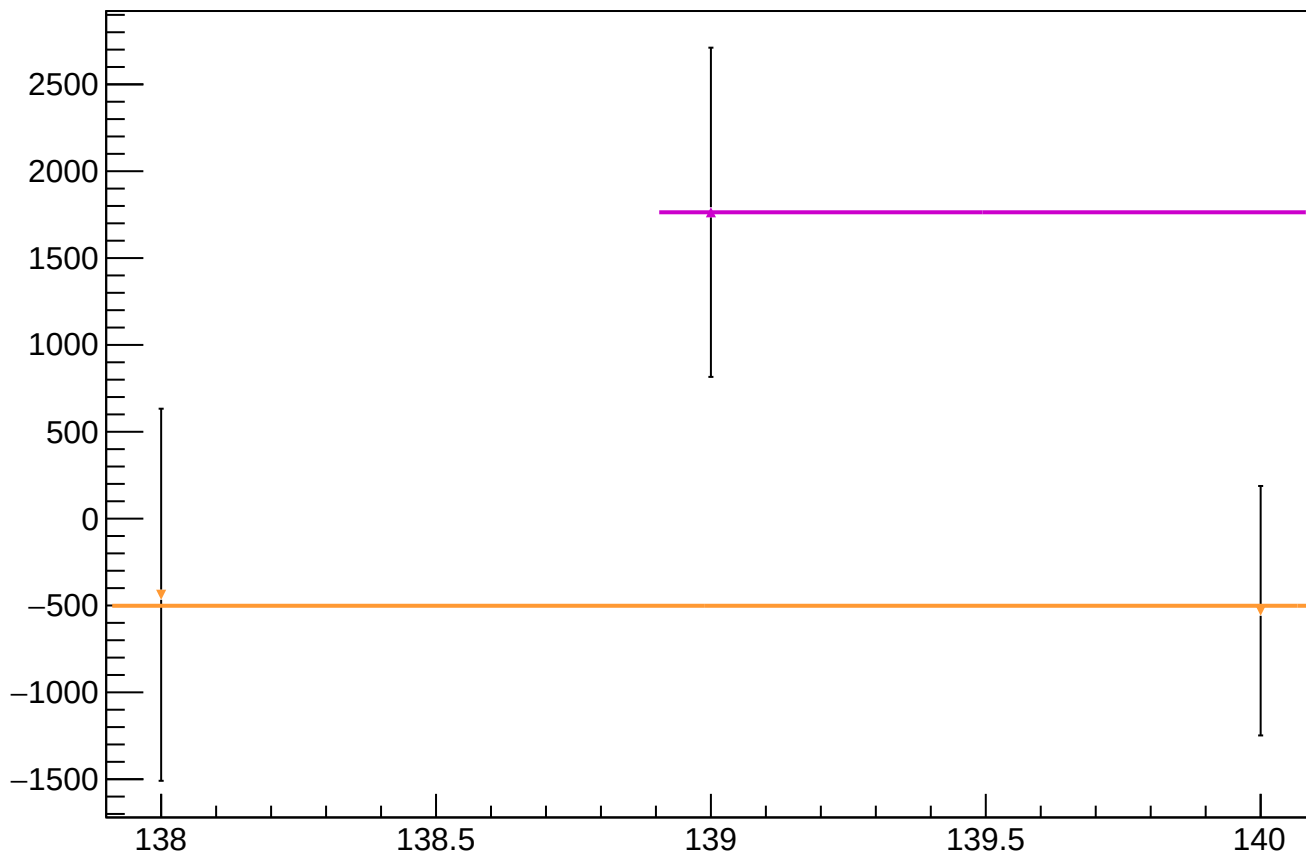
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 110.359+/-0.088 χ^2/NDF : 0.0/0

Out: 140.202+/-0.082 χ^2/NDF : 4465.4/1

All: 126.445+/-0.060 χ^2/NDF : 66108.5/2

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -501.565 $\pm$ 596.398 χ^2/NDF : 0.0/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 1763.566 $\pm$ 947.623 χ^2/NDF : 0.0/0

Left: 141.092 $\pm$ 504.753 χ^2/NDF : 4.1/2

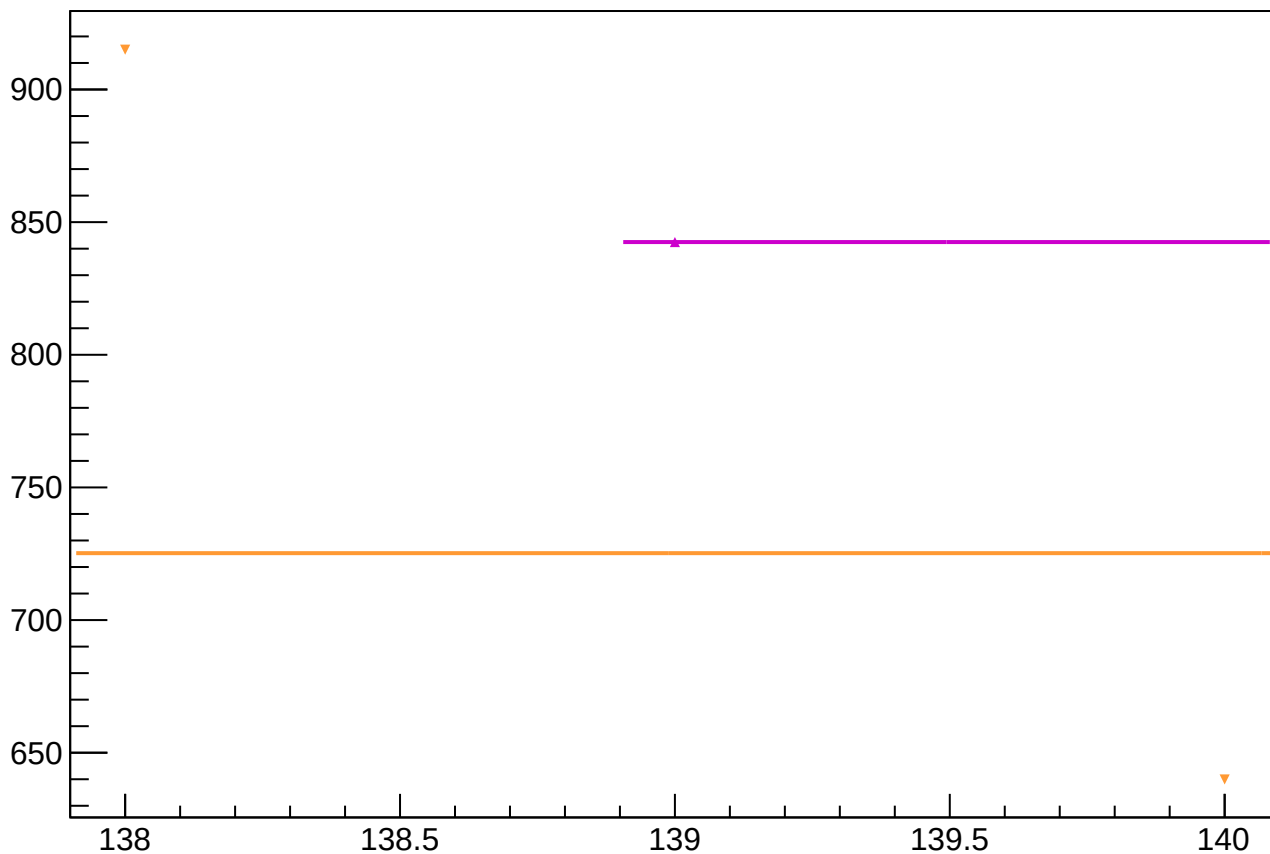
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 1763.566 $\pm$ 947.623 χ^2/NDF : 0.0/0

Out: -501.565 $\pm$ 596.398 χ^2/NDF : 0.0/1

All: 141.092 $\pm$ 504.753 χ^2/NDF : 4.1/2

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 725.224+/-0.422 χ^2/NDF : 91027.4/1

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

Left In: 842.491+/-0.670 χ^2/NDF : 0.0/0

Left: 758.494+/-0.357 χ^2/NDF : 112965.2/2

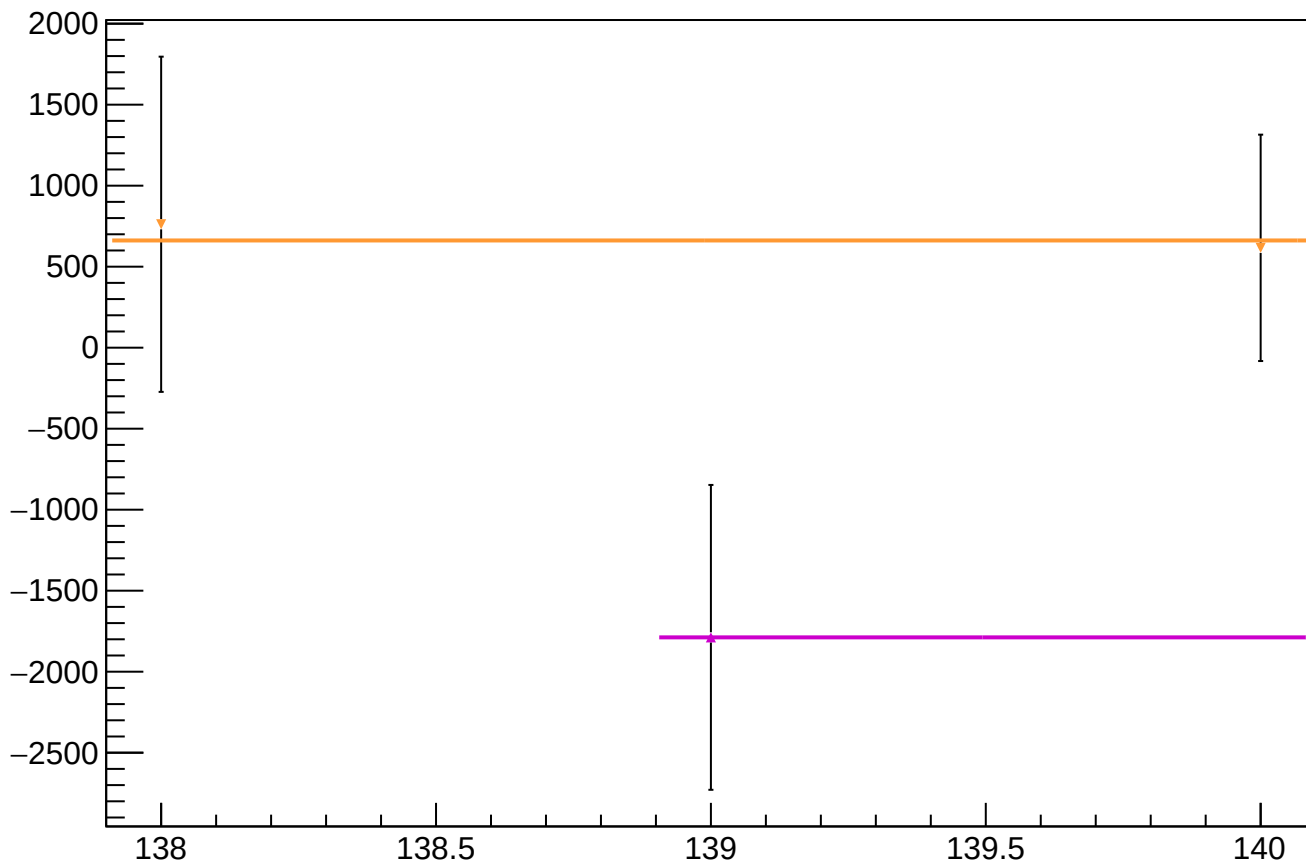
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 842.491+/-0.670 χ^2/NDF : 0.0/0

Out: 725.224+/-0.422 χ^2/NDF : 91027.4/1

All: 758.494+/-0.357 χ^2/NDF : 112965.2/2

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 661.817+/-579.006 χ^2/NDF : 0.0/1

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

Left In: -1788.122+/-940.873 χ^2/NDF : 0.0/0

Left: -11.139+/-493.114 χ^2/NDF : 4.9/2

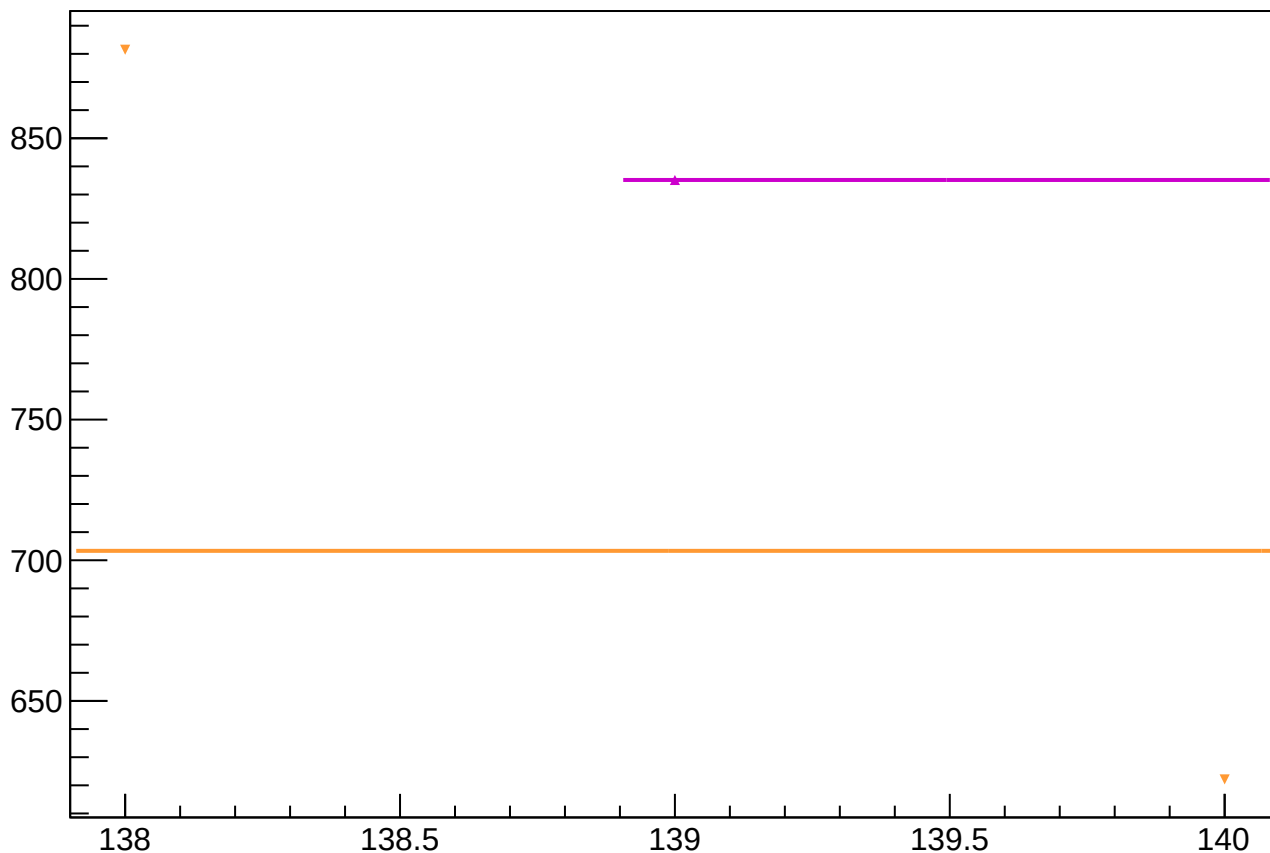
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1788.122+/-940.873 χ^2/NDF : 0.0/0

Out: 661.817+/-579.006 χ^2/NDF : 0.0/1

All: -11.139+/-493.114 χ^2/NDF : 4.9/2

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 703.347+/-0.409 χ^2/NDF : 86327.3/1

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

Left In: 835.174+/-0.665 χ^2/NDF : 0.0/0

Left: 739.558+/-0.349 χ^2/NDF : 114805.0/2

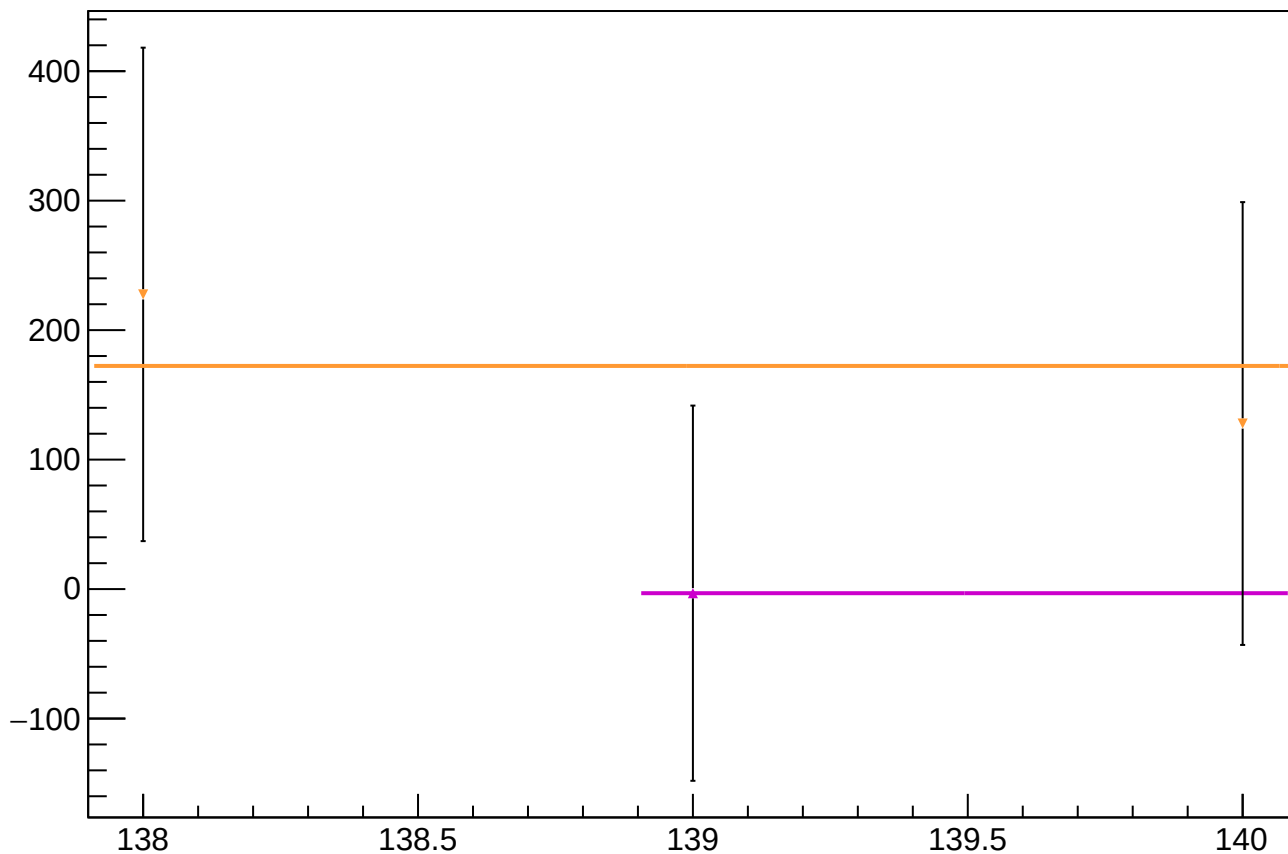
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 835.174+/-0.665 χ^2/NDF : 0.0/0

Out: 703.347+/-0.409 χ^2/NDF : 86327.3/1

All: 739.558+/-0.349 χ^2/NDF : 114805.0/2

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 172.351+/-127.268 χ^2/NDF : 0.2/1

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

Left In: -3.174+/-144.892 χ^2/NDF : 0.0/0

Left: 95.907+/-95.619 χ^2/NDF : 1.0/2

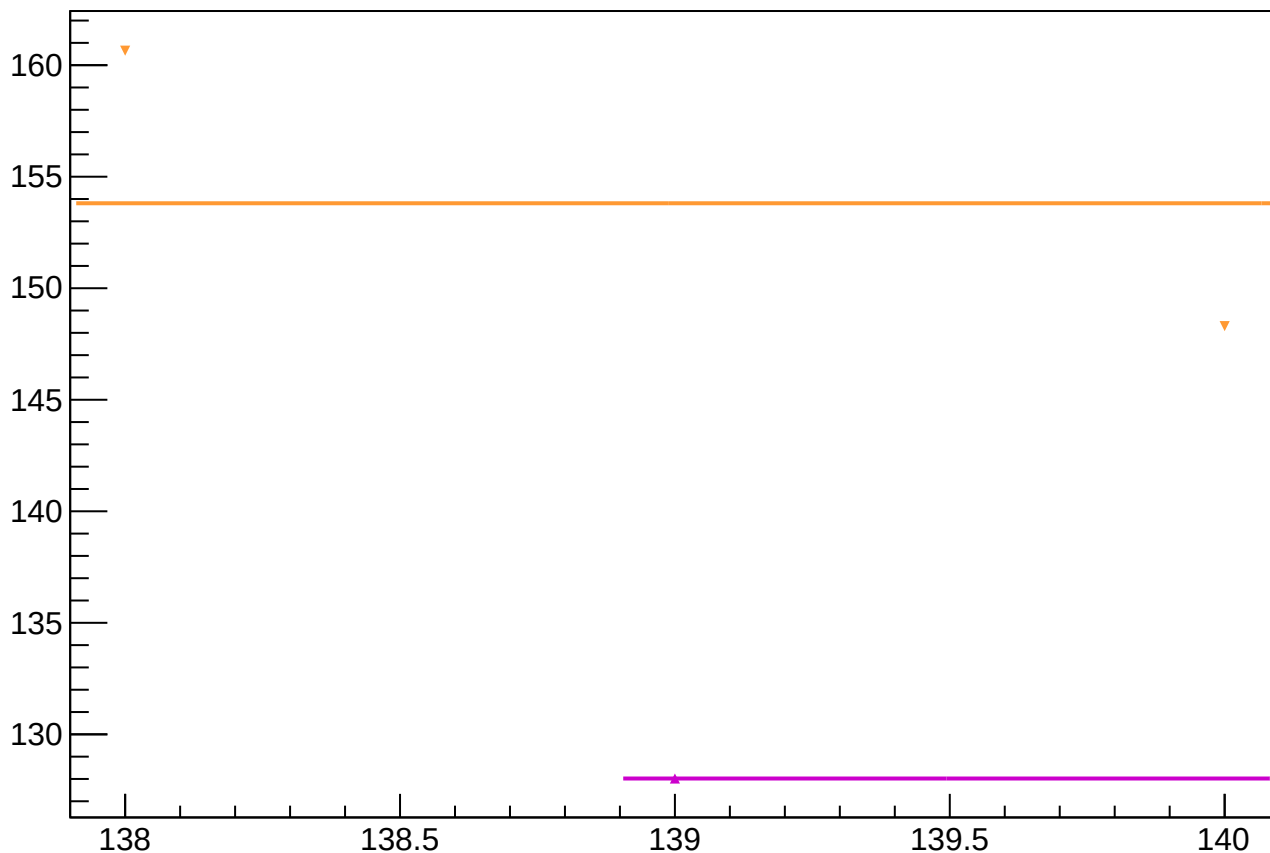
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.174+/-144.892 χ^2/NDF : 0.0/0

Out: 172.351+/-127.268 χ^2/NDF : 0.2/1

All: 95.907+/-95.619 χ^2/NDF : 1.0/2

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 153.809 $\pm$ 0.090 χ^2 /NDF:4652.9/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 128.020 $\pm$ 0.102 χ^2 /NDF:0.0/0

Left: 142.578 $\pm$ 0.068 χ^2 /NDF: 40419.6/2

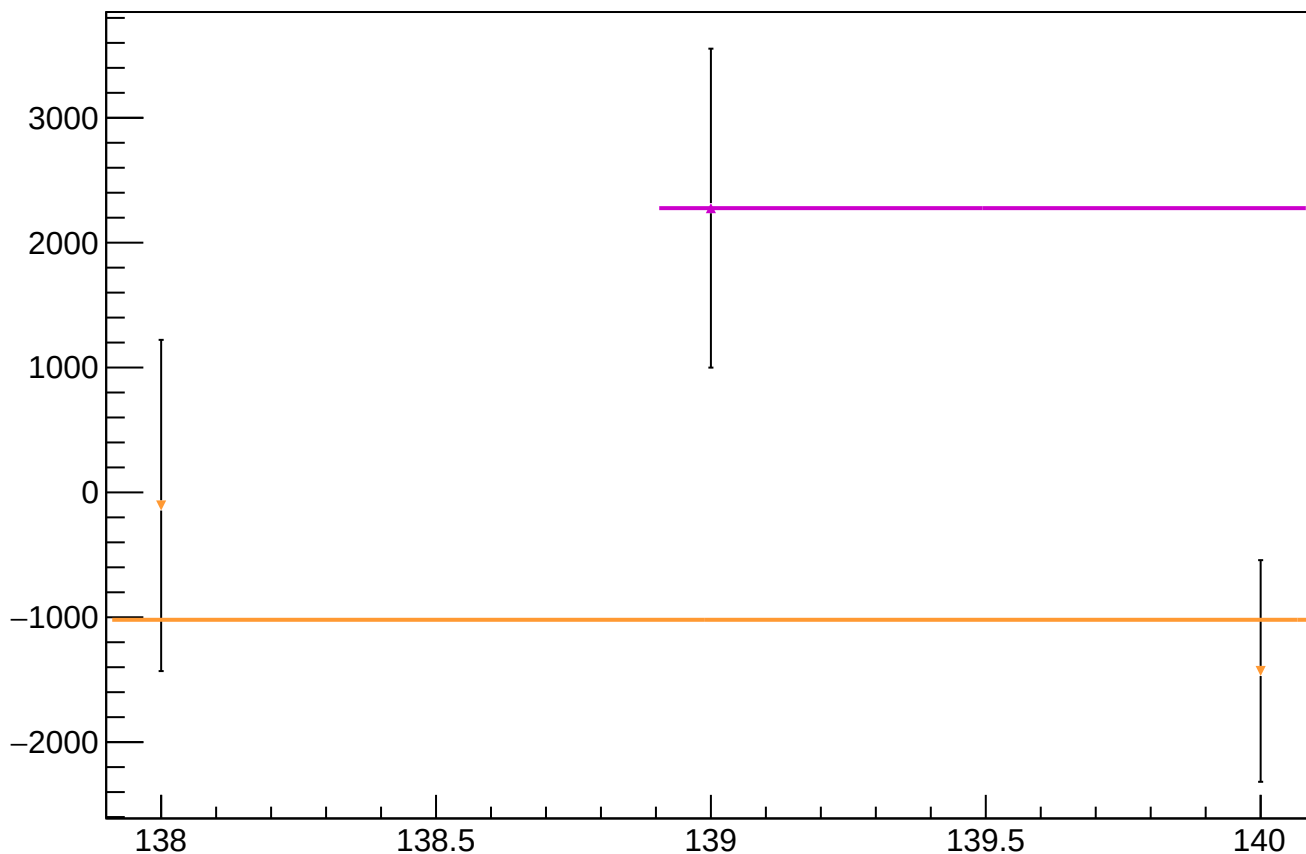
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 128.020 $\pm$ 0.102 χ^2 /NDF:0.0/0

Out: 153.809 $\pm$ 0.090 χ^2 /NDF:4652.9/1

All: 142.578 $\pm$ 0.068 χ^2 /NDF: 40419.6/2

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1020.189+/-737.624 χ^2/NDF : 0.7/1

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

Left In: 2276.531+/-1277.137 χ^2/NDF : 0.0/0

Left: -195.559+/-638.743 χ^2/NDF : 5.7/2

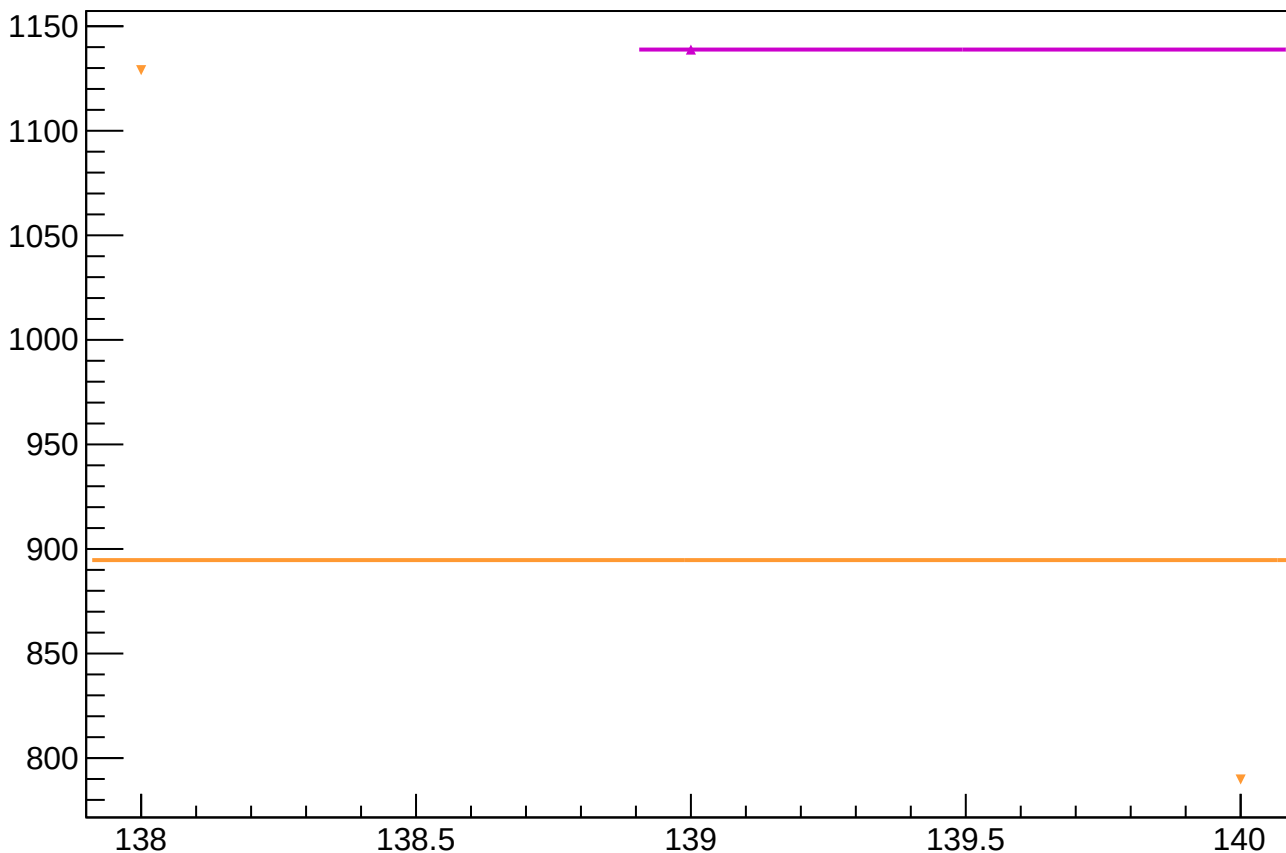
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2276.531+/-1277.137 χ^2/NDF : 0.0/0

Out: -1020.189+/-737.624 χ^2/NDF : 0.7/1

All: -195.559+/-638.743 χ^2/NDF : 5.7/2

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 894.680+/-0.522 χ^2/NDF : 90360.8/1

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

Left In: 1138.838+/-0.903 χ^2/NDF : 0.0/0

Left: 955.753+/-0.452 χ^2/NDF : 145173.4/2

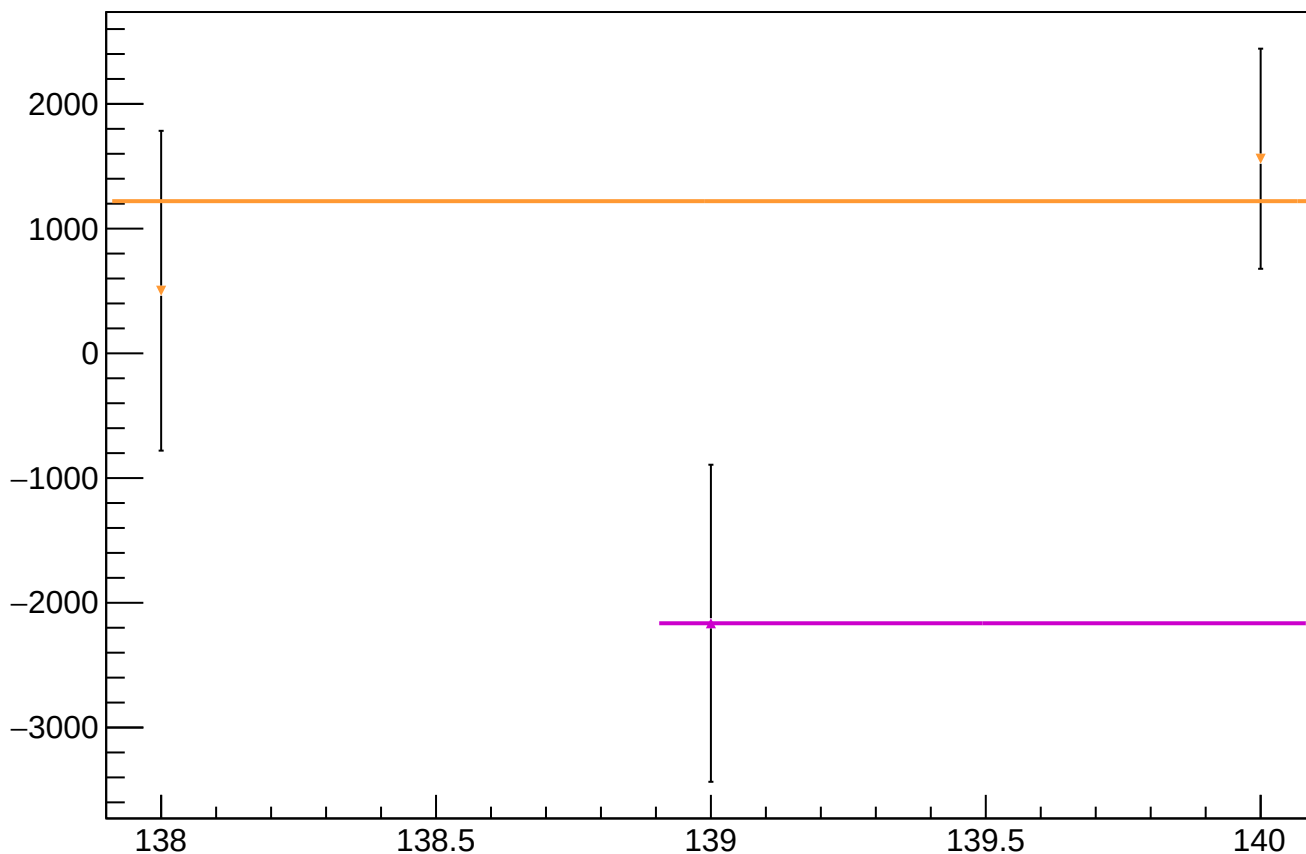
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1138.838+/-0.903 χ^2/NDF : 0.0/0

Out: 894.680+/-0.522 χ^2/NDF : 90360.8/1

All: 955.753+/-0.452 χ^2/NDF : 145173.4/2

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

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

Left In: -2164.108+/-1271.075 χ^2/NDF : 0.0/0

Left: 386.155+/-630.992 χ^2/NDF : 5.8/2

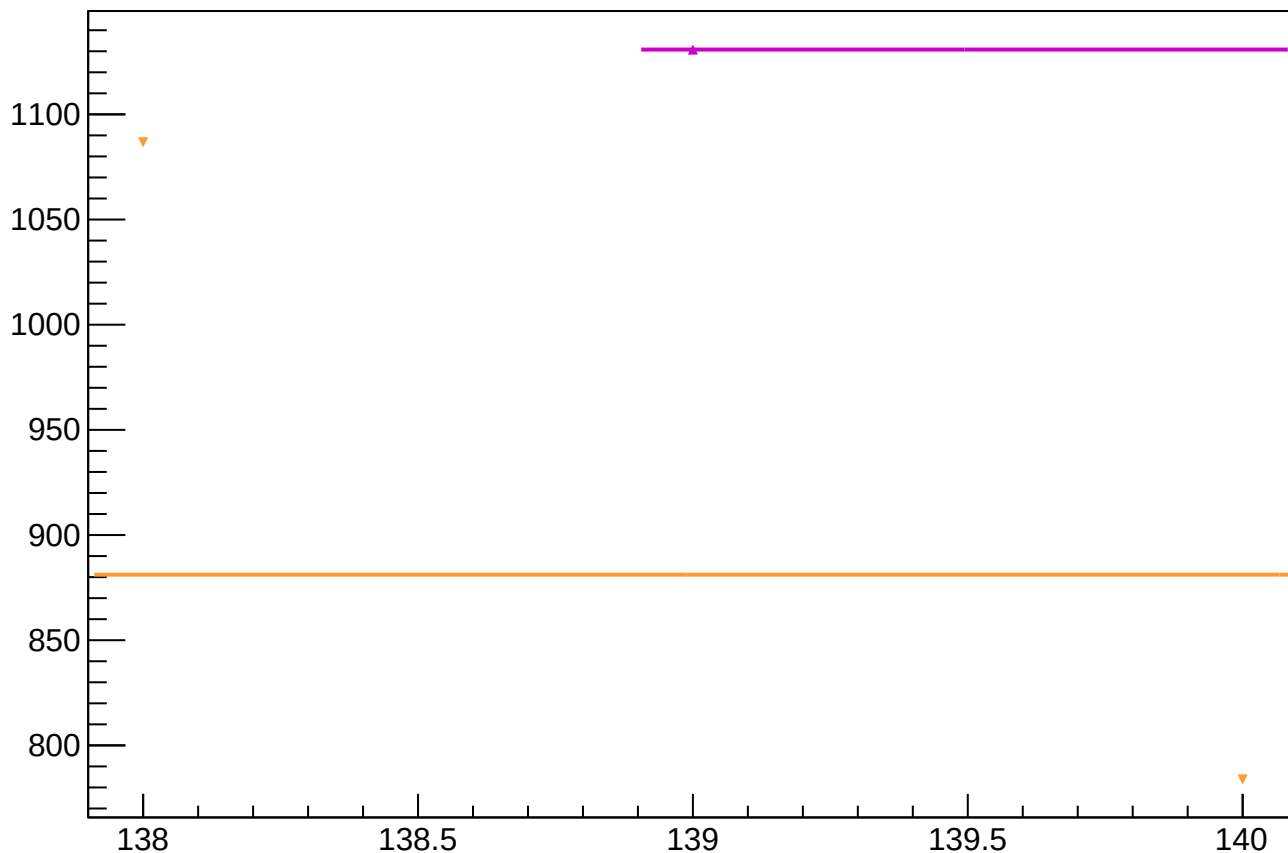
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2164.108+/-1271.075 χ^2/NDF : 0.0/0

Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

All: 386.155+/-630.992 χ^2/NDF : 5.8/2

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

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

Left In: 1130.809+/-0.899 χ^2/NDF : 0.0/0

Left: 942.691+/-0.446 χ^2/NDF : 133907.9/2

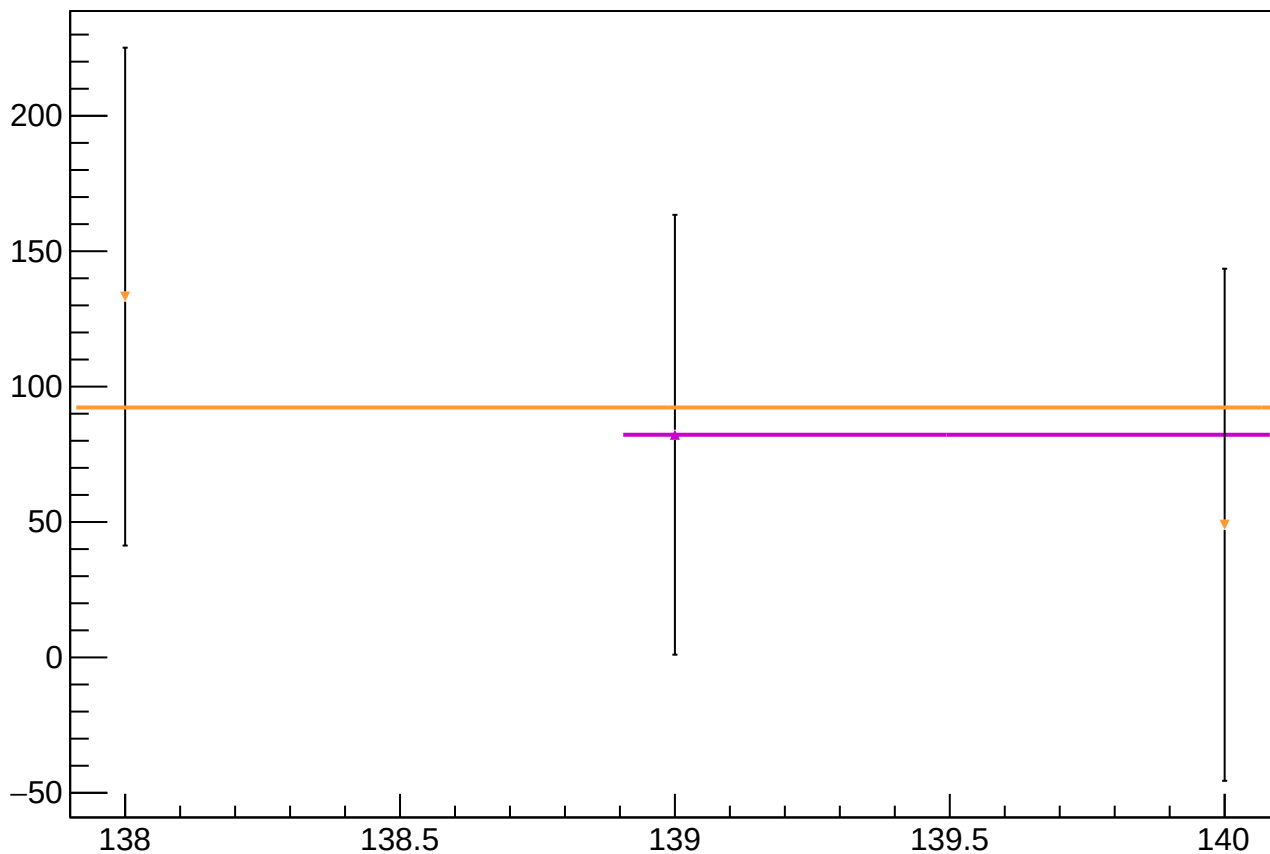
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1130.809+/-0.899 χ^2/NDF : 0.0/0

Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

All: 942.691+/-0.446 χ^2/NDF : 133907.9/2

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 92.295+/-65.909 χ^2/NDF : 0.4/1

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

Left In: 82.227+/-81.212 χ^2/NDF : 0.0/0

Left: 88.297+/-51.176 χ^2/NDF : 0.4/2

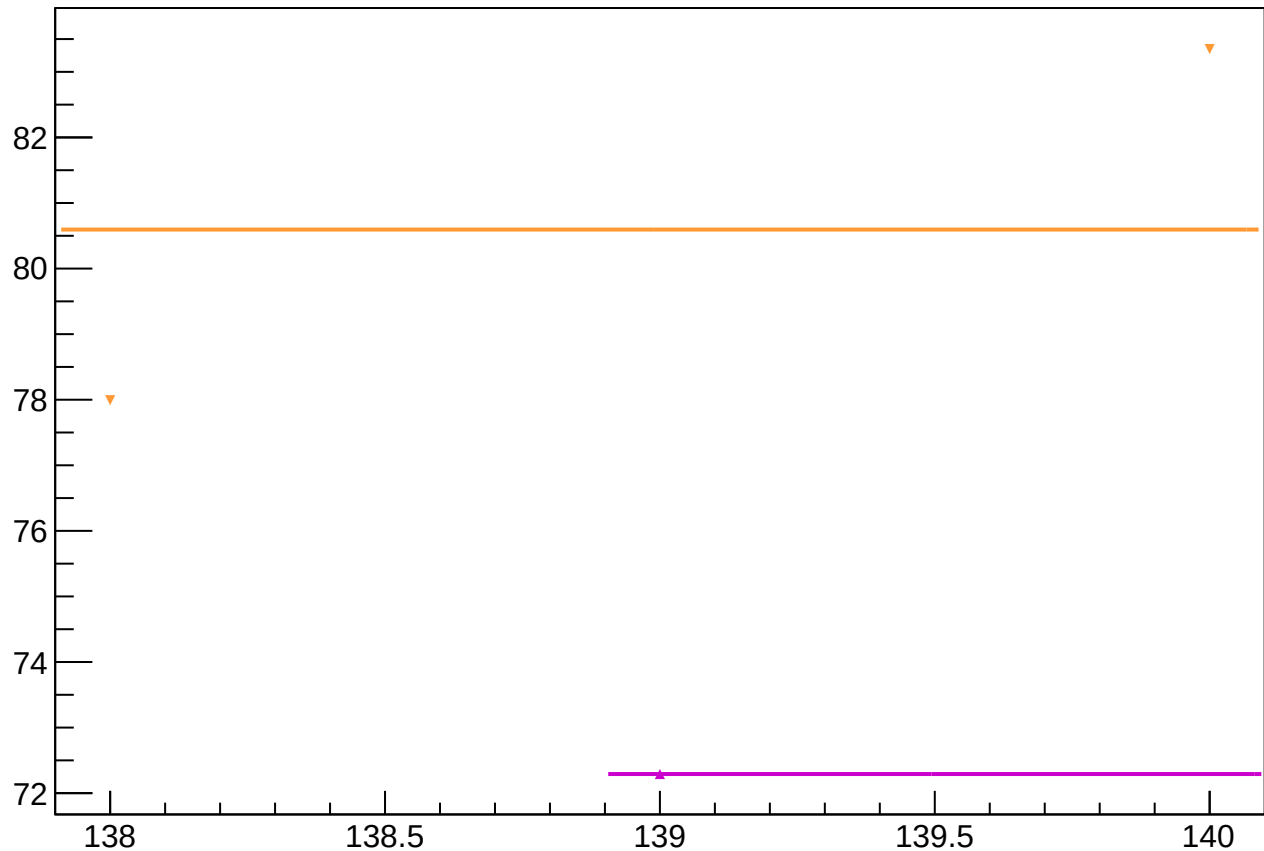
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.227+/-81.212 χ^2/NDF : 0.0/0

Out: 92.295+/-65.909 χ^2/NDF : 0.4/1

All: 88.297+/-51.176 χ^2/NDF : 0.4/2

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 80.595 $\pm$ 0.047 χ^2 /NDF:3298.3/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 72.292 $\pm$ 0.057 χ^2 /NDF:0.0/0

Left: 77.298 $\pm$ 0.036 χ^2 /NDF: 15903.4/2

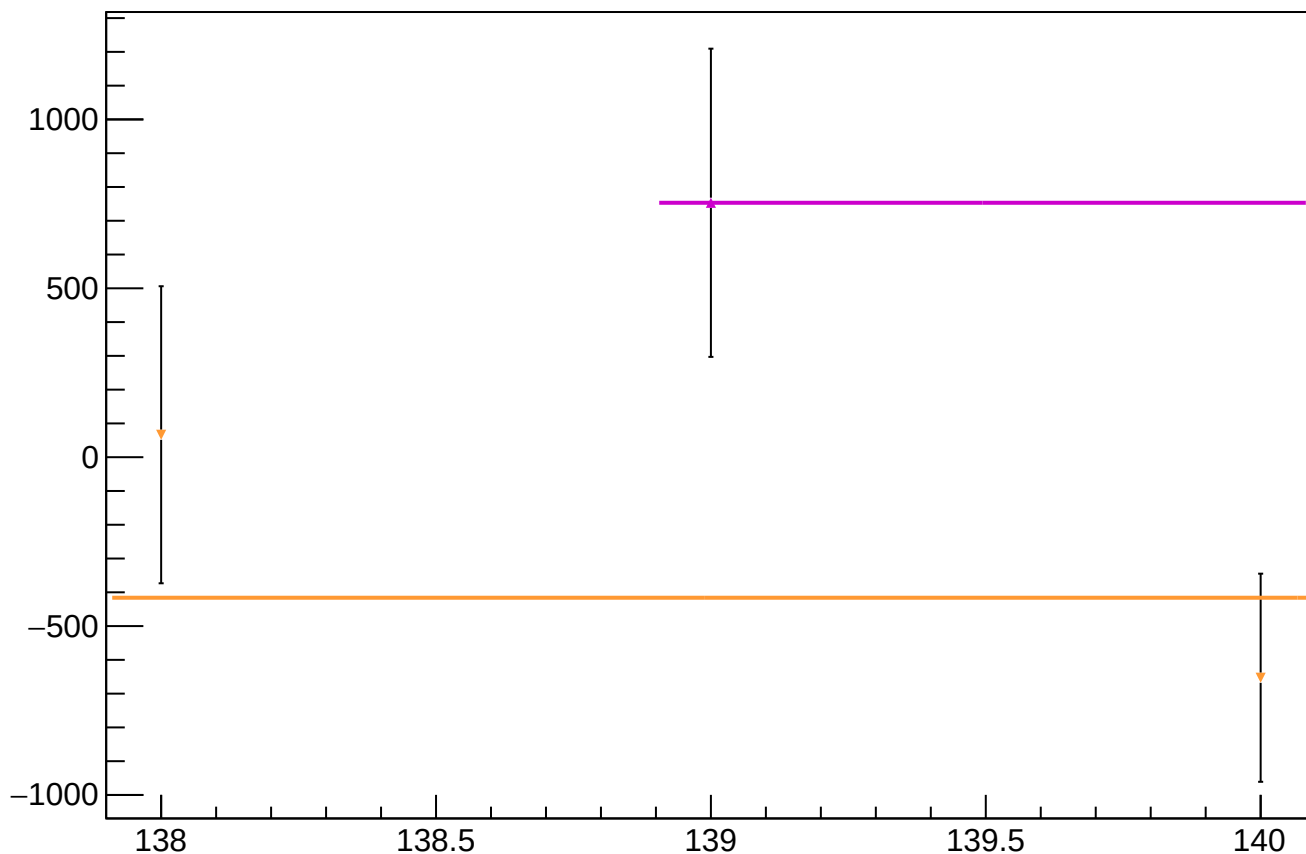
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 72.292 $\pm$ 0.057 χ^2 /NDF:0.0/0

Out: 80.595 $\pm$ 0.047 χ^2 /NDF:3298.3/1

All: 77.298 $\pm$ 0.036 χ^2 /NDF: 15903.4/2

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -416.062+/-252.323 χ^2/NDF :1.8/1

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

Left In: 753.236+/-456.251 χ^2/NDF :0.0/0

Left: -142.195+/-220.806 χ^2/NDF : 6.8/2

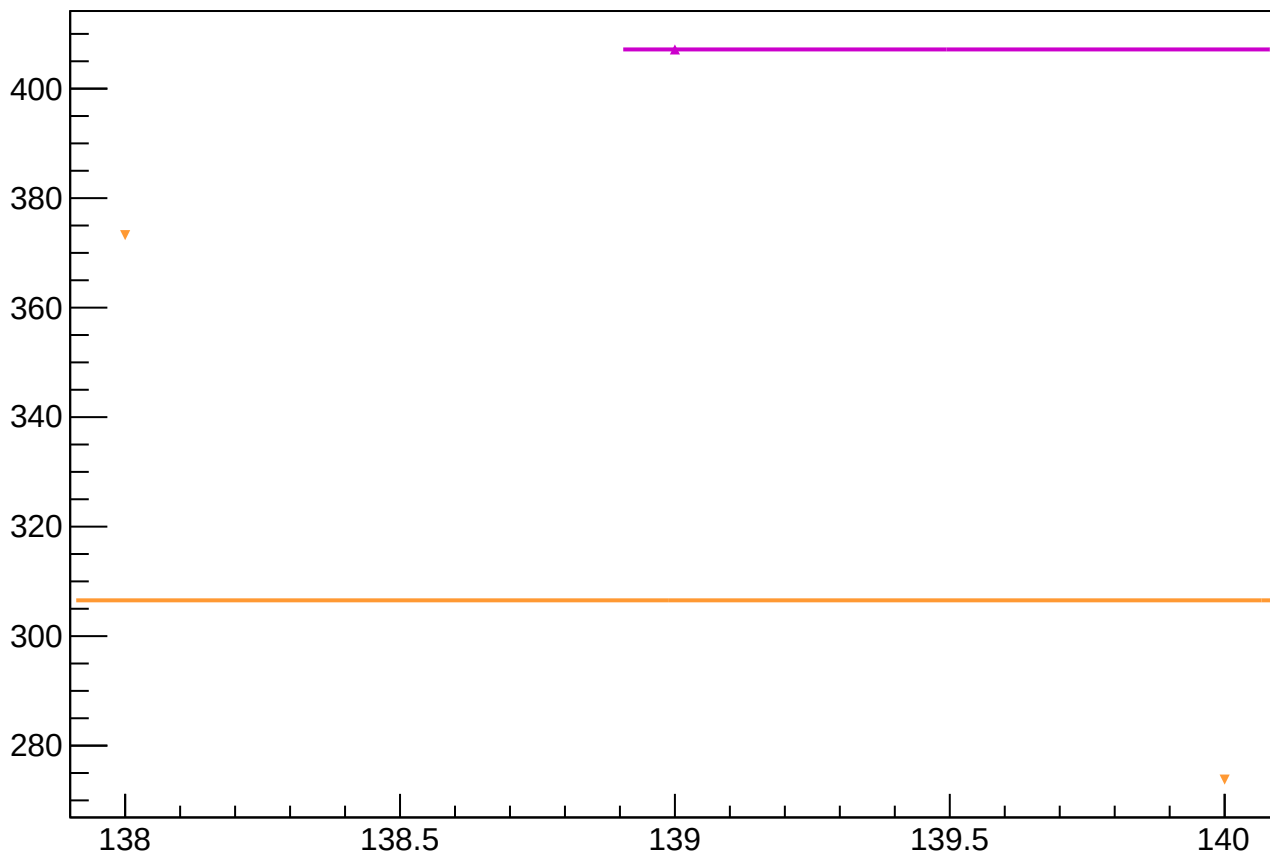
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 753.236+/-456.251 χ^2/NDF :0.0/0

Out: -416.062+/-252.323 χ^2/NDF :1.8/1

All: -142.195+/-220.806 χ^2/NDF : 6.8/2

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 306.539+/-0.178 χ^2/NDF : 68608.0/1

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

Left In: 407.161+/-0.323 χ^2/NDF : 0.0/0

Left: 330.106+/-0.156 χ^2/NDF : 143101.0/2

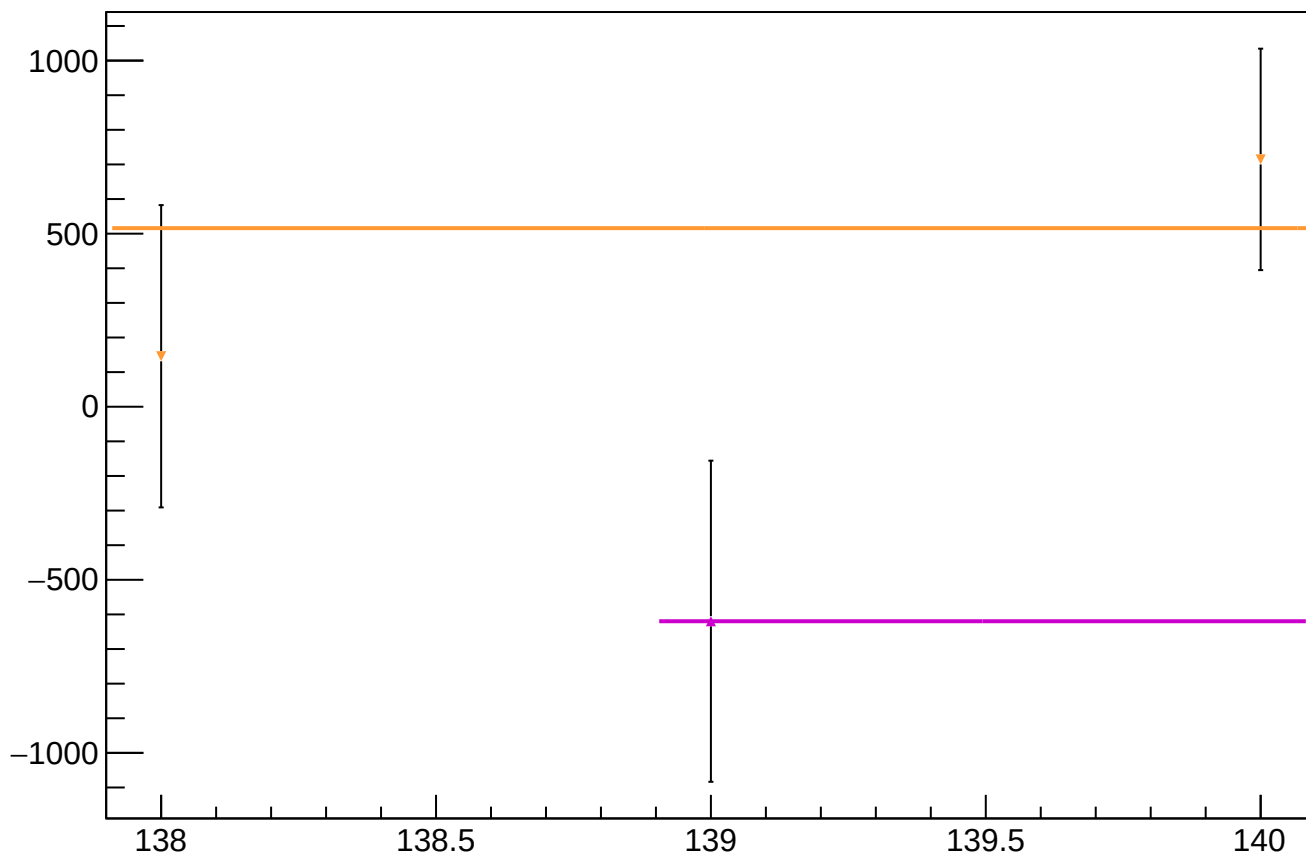
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 407.161+/-0.323 χ^2/NDF : 0.0/0

Out: 306.539+/-0.178 χ^2/NDF : 68608.0/1

All: 330.106+/-0.156 χ^2/NDF : 143101.0/2

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 515.964+/-258.045 χ^2/NDF :1.1/1

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

Left In: -619.697+/-463.863 χ^2/NDF :0.0/0

Left: 247.573+/-225.501 χ^2/NDF : 5.7/2

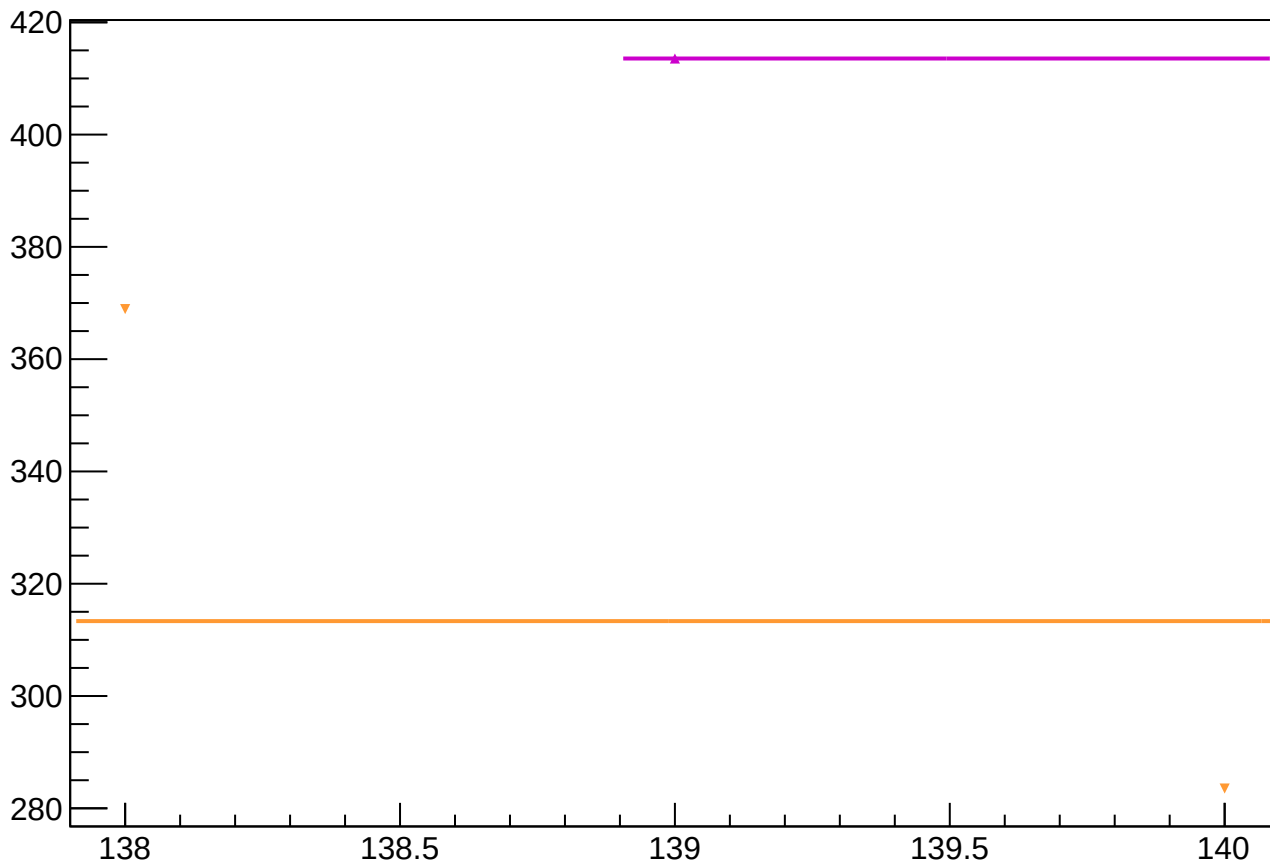
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -619.697+/-463.863 χ^2/NDF :0.0/0

Out: 515.964+/-258.045 χ^2/NDF :1.1/1

All: 247.573+/-225.501 χ^2/NDF : 5.7/2

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 313.343+/-0.182 χ^2/NDF : 49780.0/1

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

Left In: 413.551+/-0.328 χ^2/NDF : 0.0/0

Left: 337.025+/-0.159 χ^2/NDF : 121058.7/2

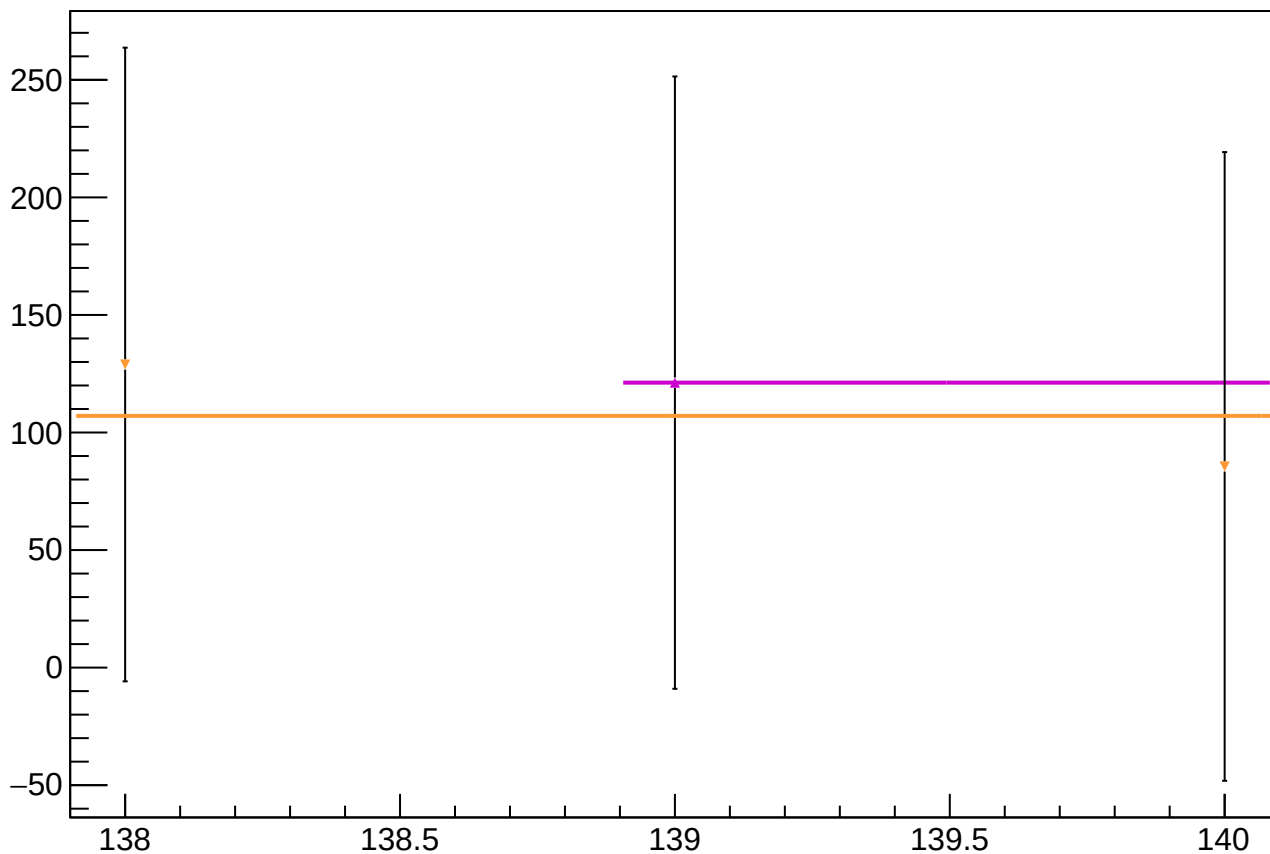
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 413.551+/-0.328 χ^2/NDF : 0.0/0

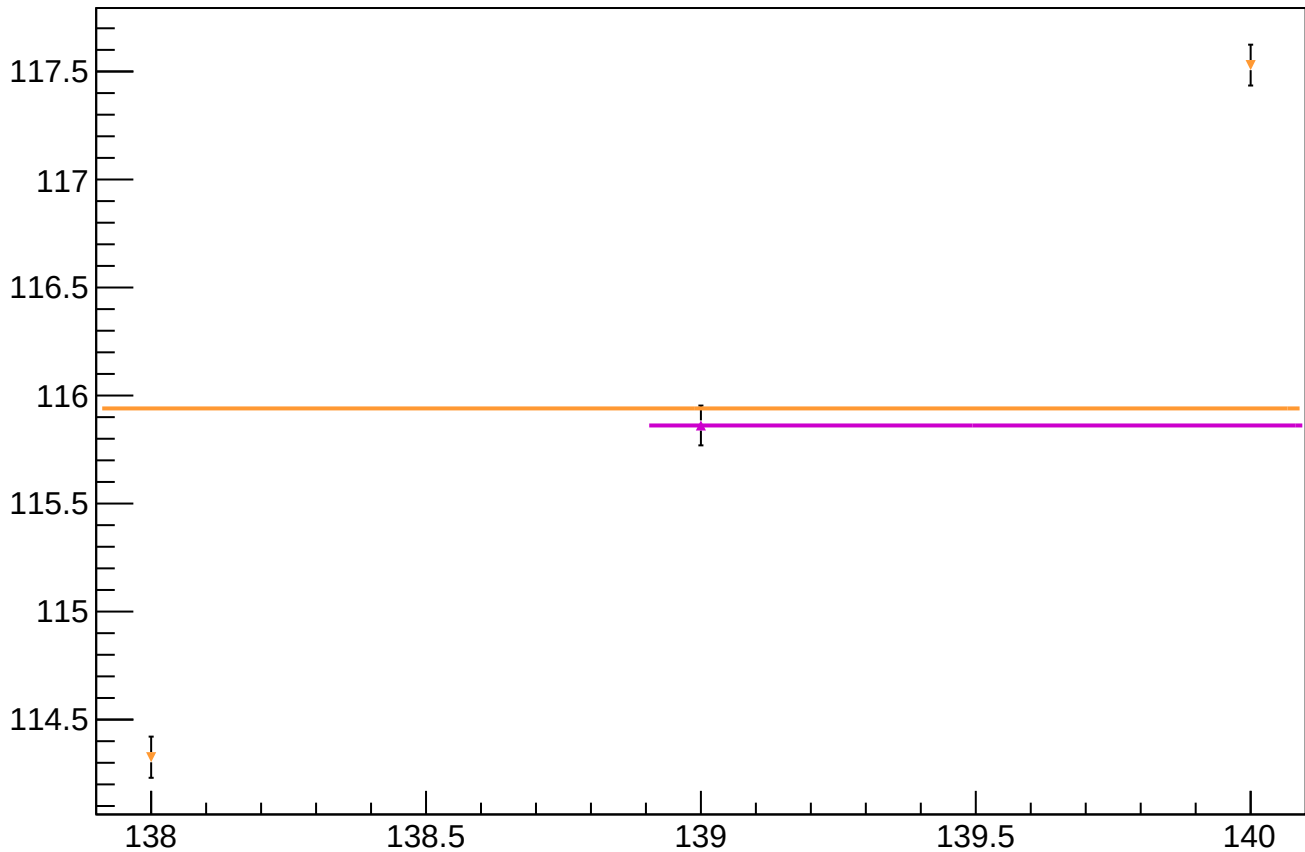
Out: 313.343+/-0.182 χ^2/NDF : 49780.0/1

All: 337.025+/-0.159 χ^2/NDF : 121058.7/2

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 115.940+/-0.067 χ^2/NDF : 569.6/1

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

Left In: 115.861+/-0.092 χ^2/NDF : 0.0/0

Left: 115.913+/-0.054 χ^2/NDF : 570.1/2

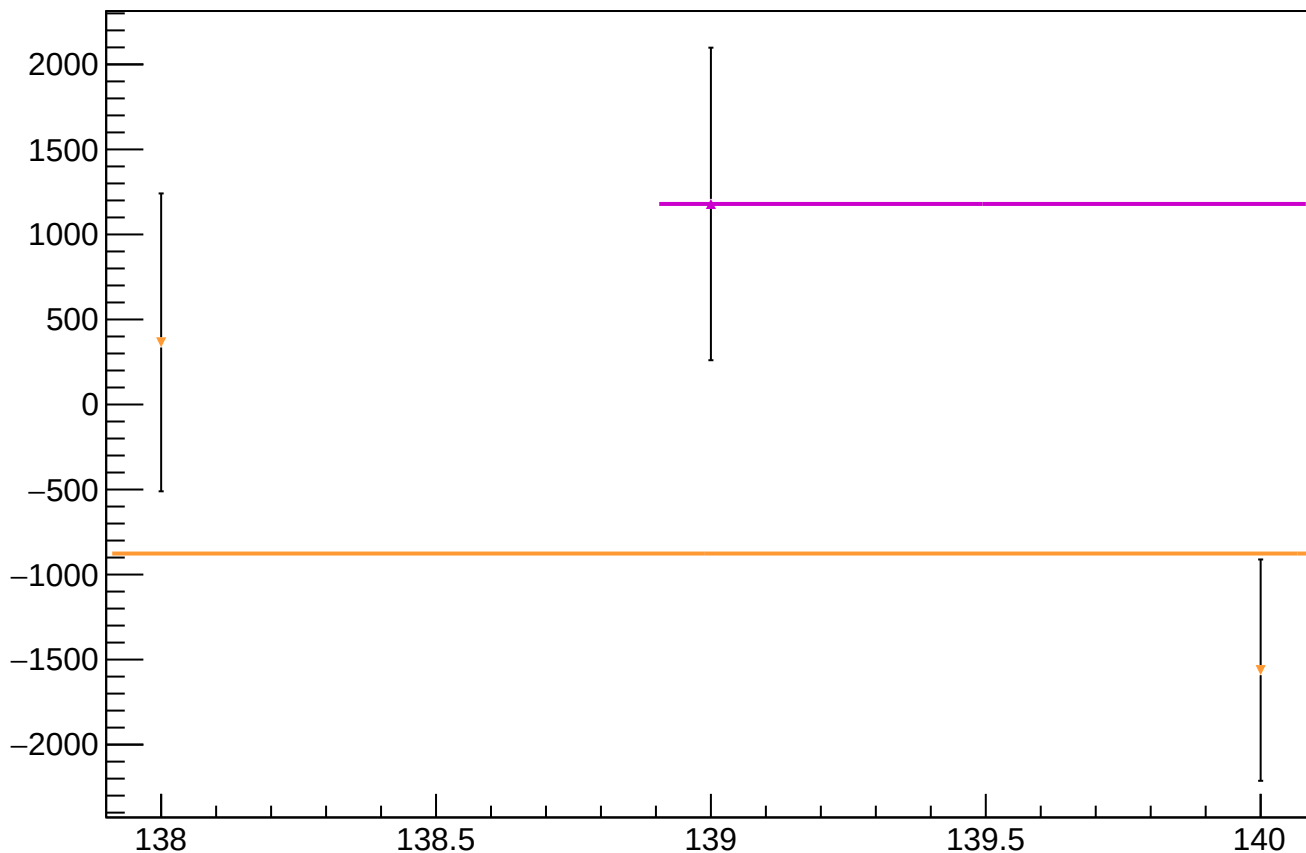
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 115.861+/-0.092 χ^2/NDF : 0.0/0

Out: 115.940+/-0.067 χ^2/NDF : 569.6/1

All: 115.913+/-0.054 χ^2/NDF : 570.1/2

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -876.367+/-522.369 χ^2/NDF : 3.1/1

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

Left In: 1179.374+/-918.993 χ^2/NDF : 0.0/0

Left: -374.362+/-454.132 χ^2/NDF : 6.9/2

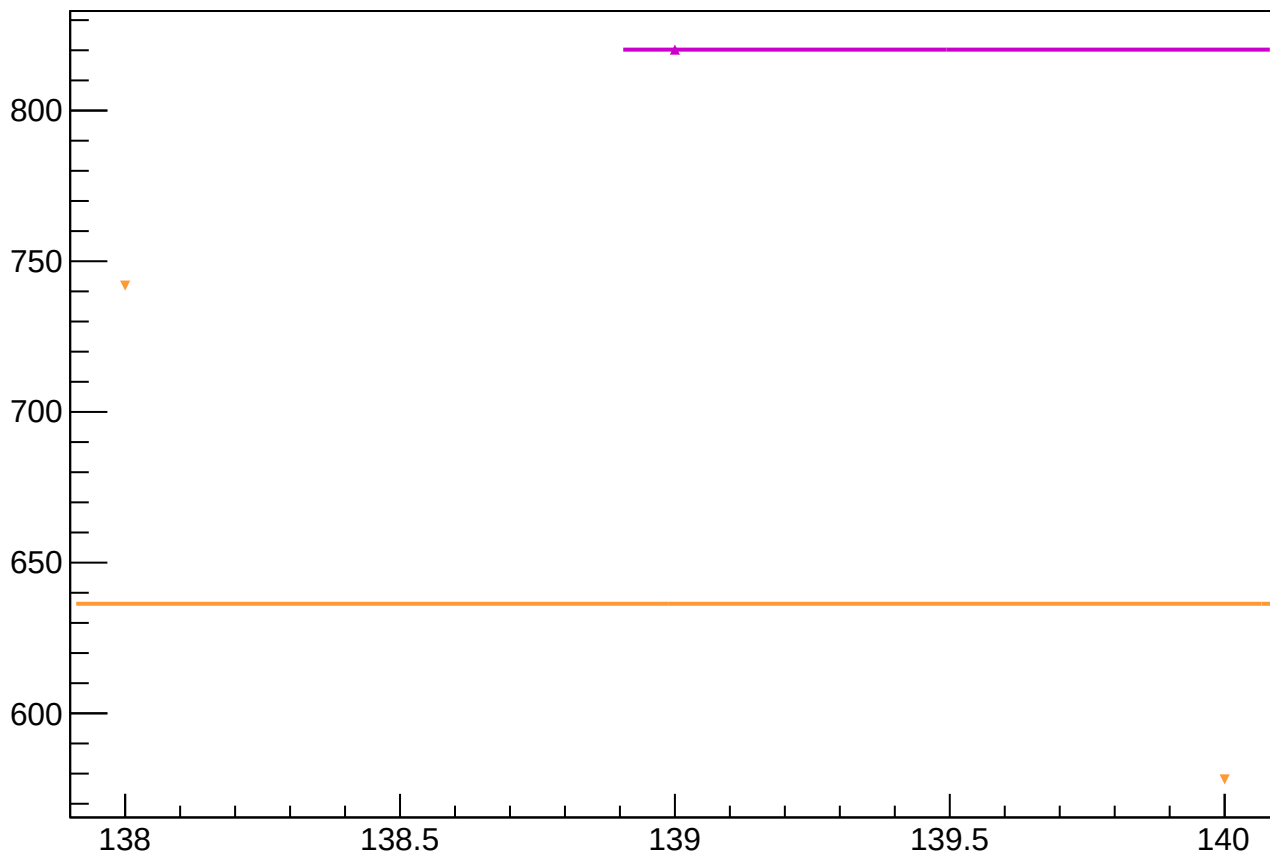
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1179.374+/-918.993 χ^2/NDF : 0.0/0

Out: -876.367+/-522.369 χ^2/NDF : 3.1/1

All: -374.362+/-454.132 χ^2/NDF : 6.9/2

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 636.356+/-0.369 χ^2/NDF :45088.3/1

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

Left In: 820.213+/-0.650 χ^2/NDF :0.0/0

Left: 681.253+/-0.321 χ^2/NDF : 105590.6/2

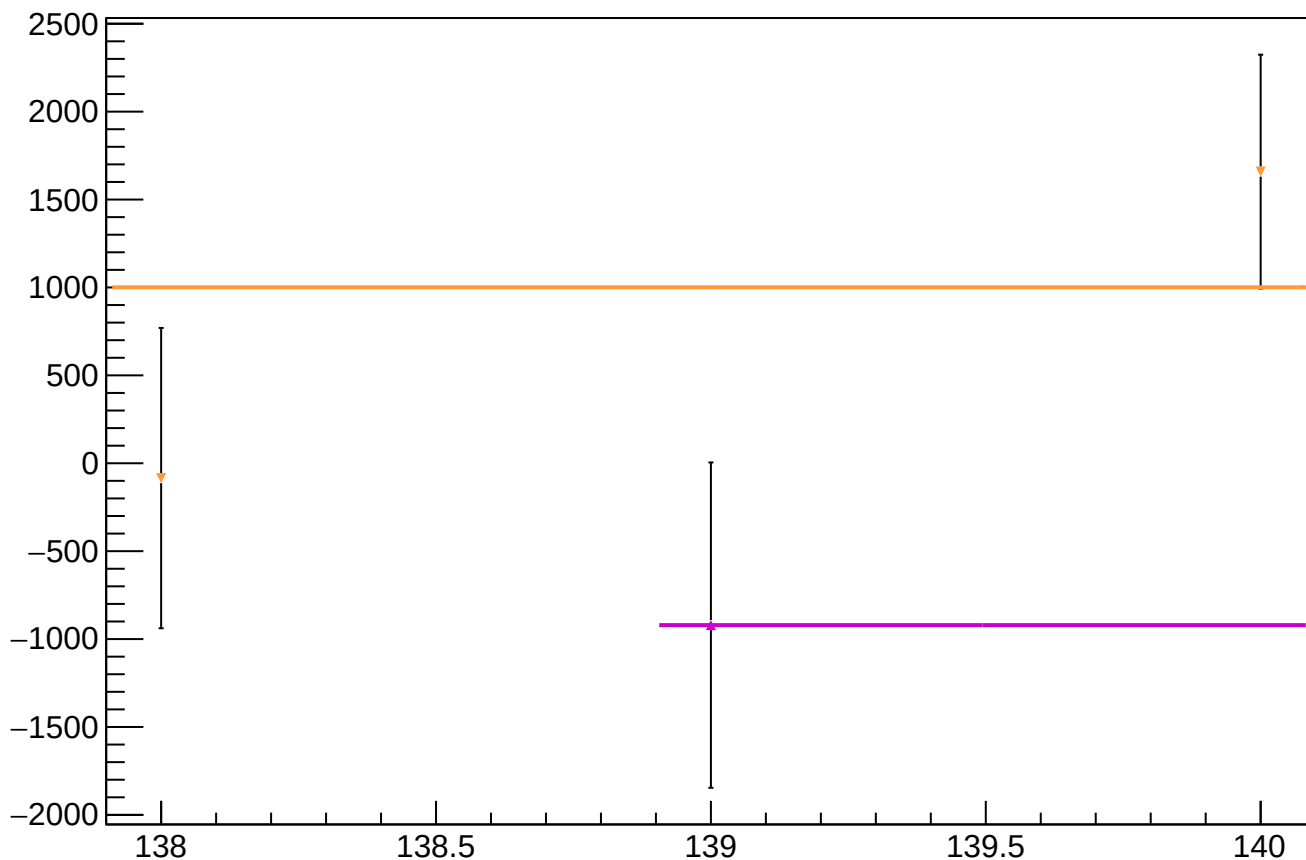
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 820.213+/-0.650 χ^2/NDF :0.0/0

Out: 636.356+/-0.369 χ^2/NDF :45088.3/1

All: 681.253+/-0.321 χ^2/NDF : 105590.6/2

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

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

Left In: -920.624+/-925.308 χ^2/NDF : 0.0/0

Left: 533.344+/-456.448 χ^2/NDF : 5.9/2

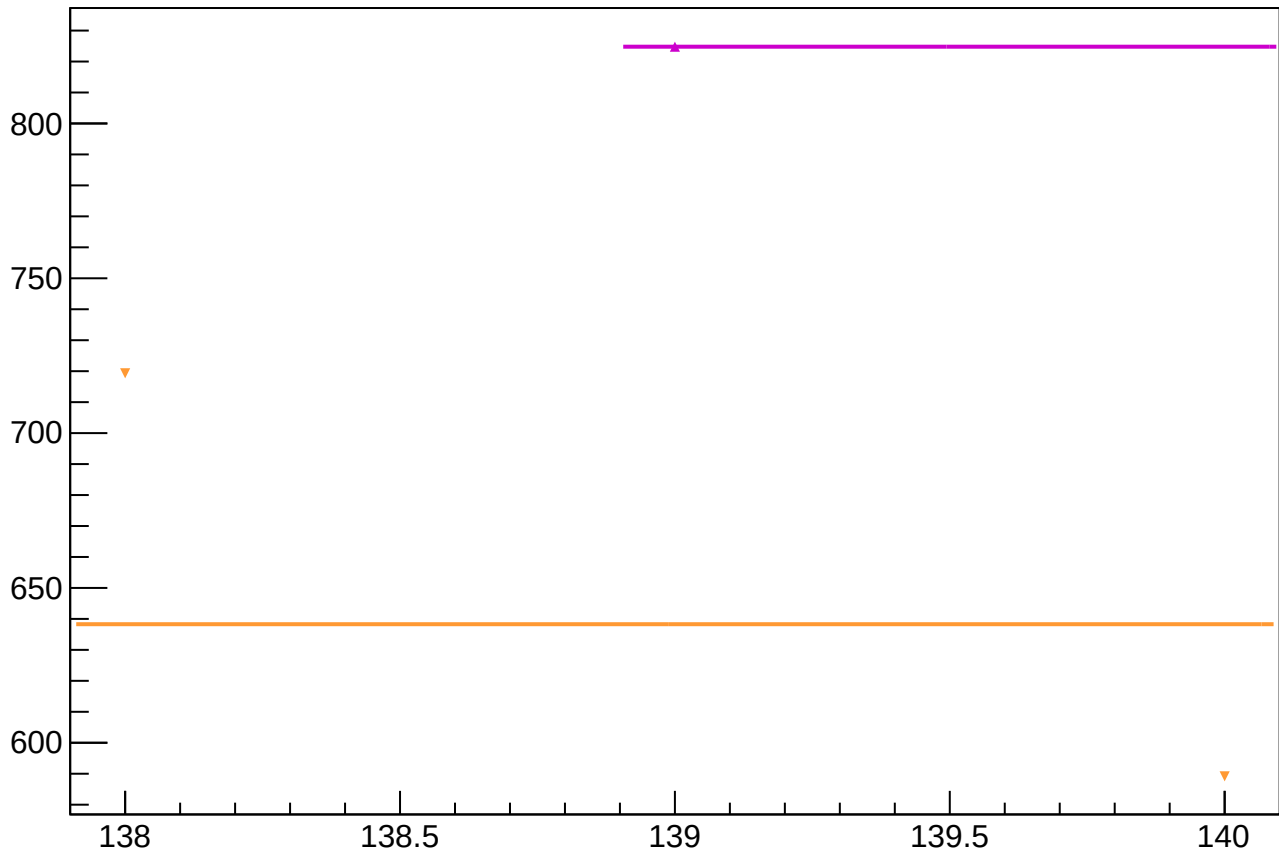
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -920.624+/-925.308 χ^2/NDF : 0.0/0

Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

All: 533.344+/-456.448 χ^2/NDF : 5.9/2

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

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

Left In: 824.793+/-0.654 χ^2/NDF :0.0/0

Left: 683.671+/-0.323 χ^2/NDF : 90400.5/2

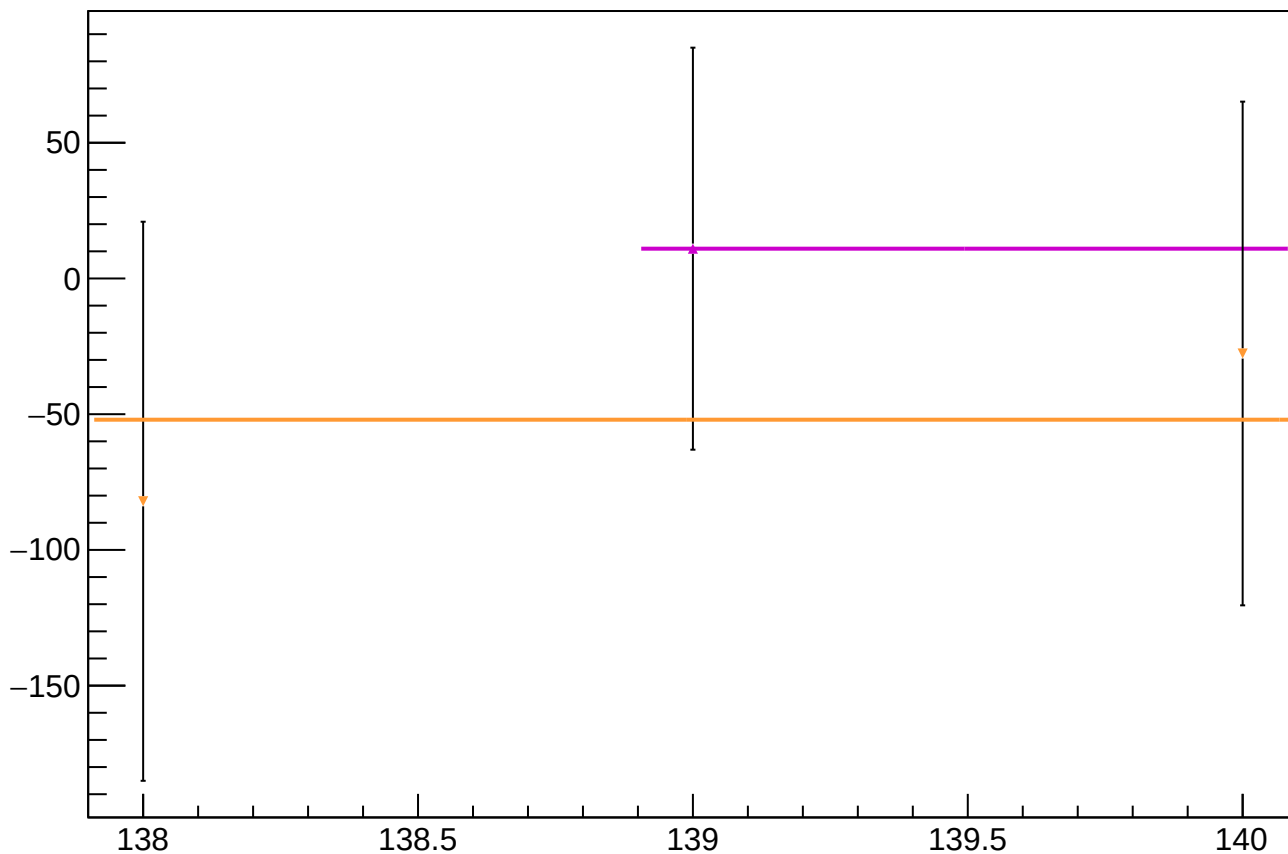
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 824.793+/-0.654 χ^2/NDF :0.0/0

Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

All: 683.671+/-0.323 χ^2/NDF : 90400.5/2

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -52.029 ± 68.933 $\chi^2/\text{NDF}: 0.2/1$

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

Left In: 10.976 ± 74.053 $\chi^2/\text{NDF}: 0.0/0$

Left: -22.780 ± 50.456 $\chi^2/\text{NDF}: 0.5/2$

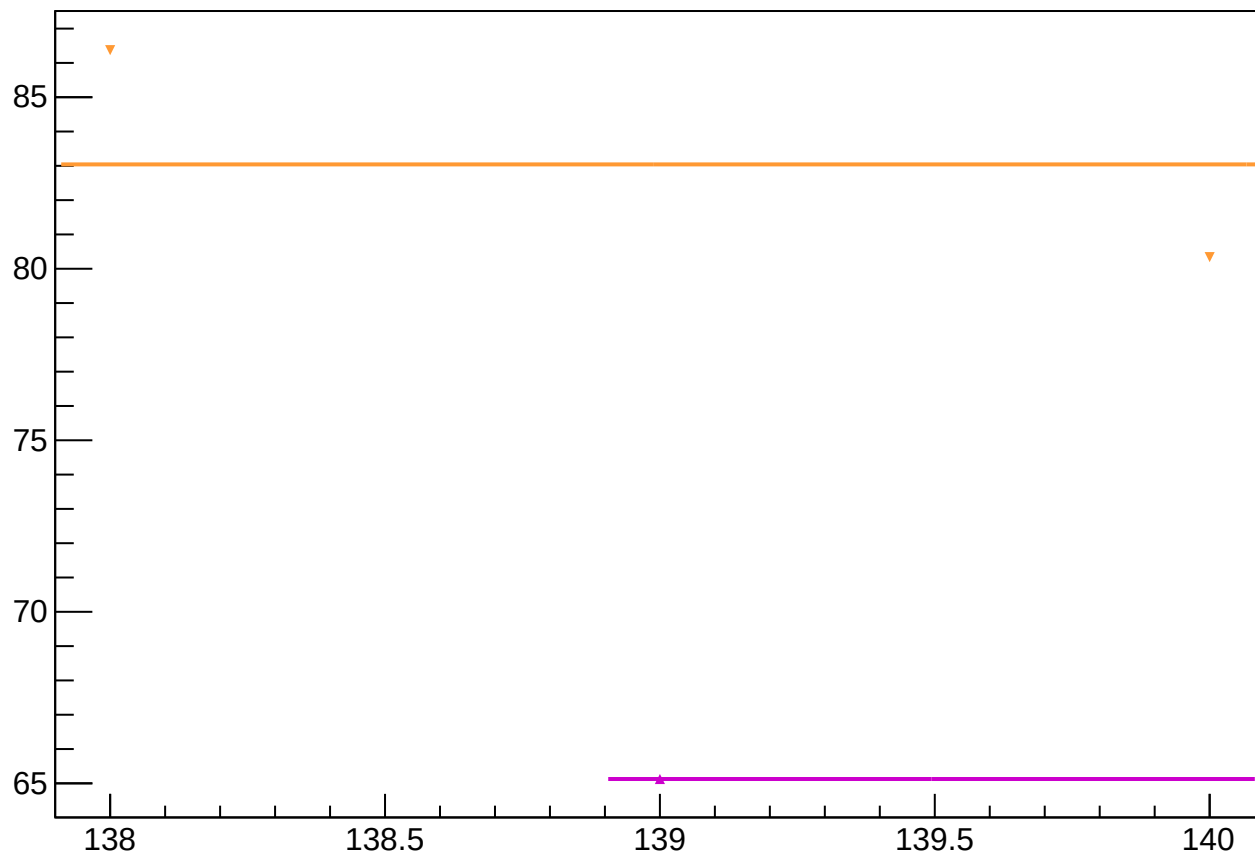
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 10.976 ± 74.053 $\chi^2/\text{NDF}: 0.0/0$

Out: -52.029 ± 68.933 $\chi^2/\text{NDF}: 0.2/1$

All: -22.780 ± 50.456 $\chi^2/\text{NDF}: 0.5/2$

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 83.042 $\pm$ 0.049 χ^2 /NDF:3788.2/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 65.127 $\pm$ 0.052 χ^2 /NDF:0.0/0

Left: 74.725 $\pm$ 0.036 χ^2 /NDF: 66499.4/2

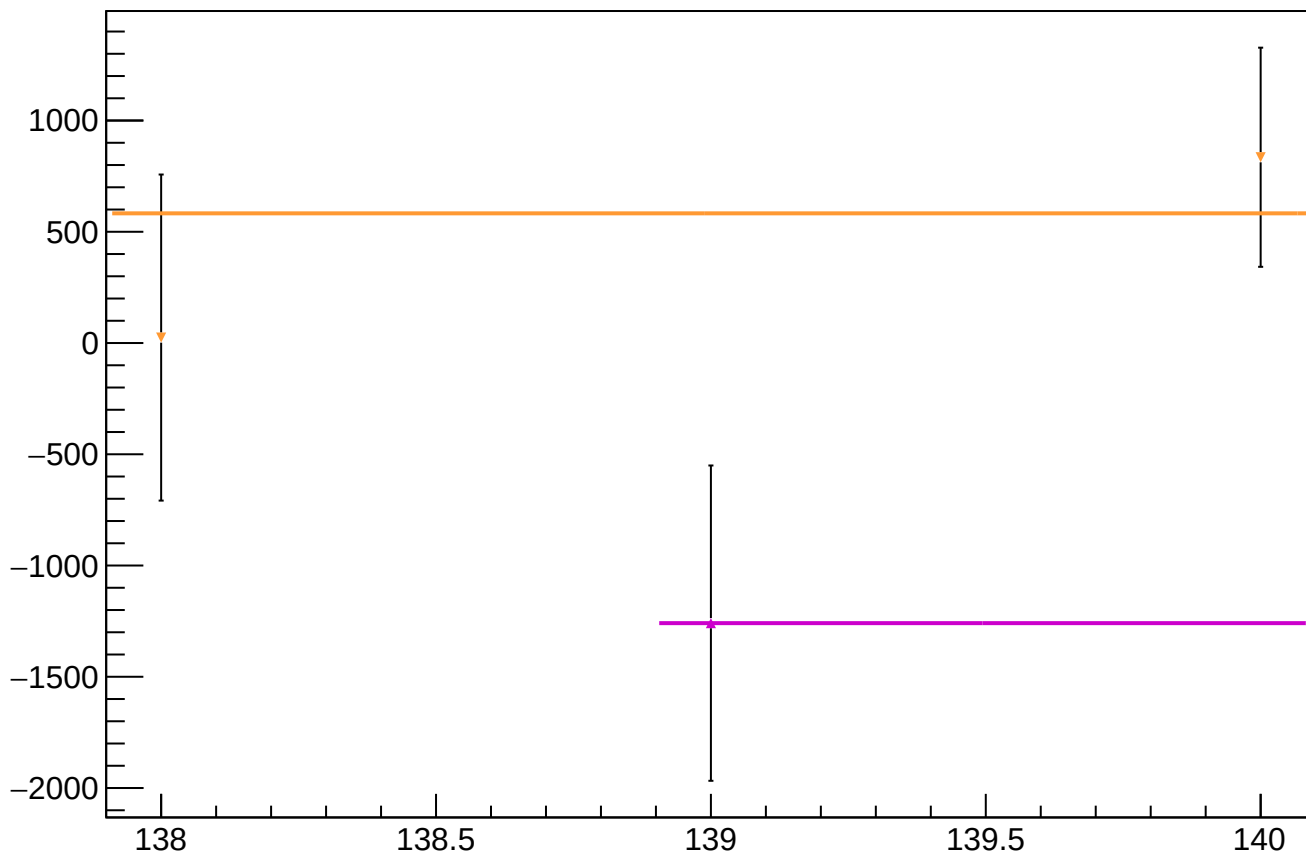
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 65.127 $\pm$ 0.052 χ^2 /NDF:0.0/0

Out: 83.042 $\pm$ 0.049 χ^2 /NDF:3788.2/1

All: 74.725 $\pm$ 0.036 χ^2 /NDF: 66499.4/2

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 582.837 $\pm$ 408.740 χ^2/NDF : 0.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -1259.006 $\pm$ 708.581 χ^2/NDF : 0.0/0

Left: 122.983 $\pm$ 354.057 χ^2/NDF : 5.9/2

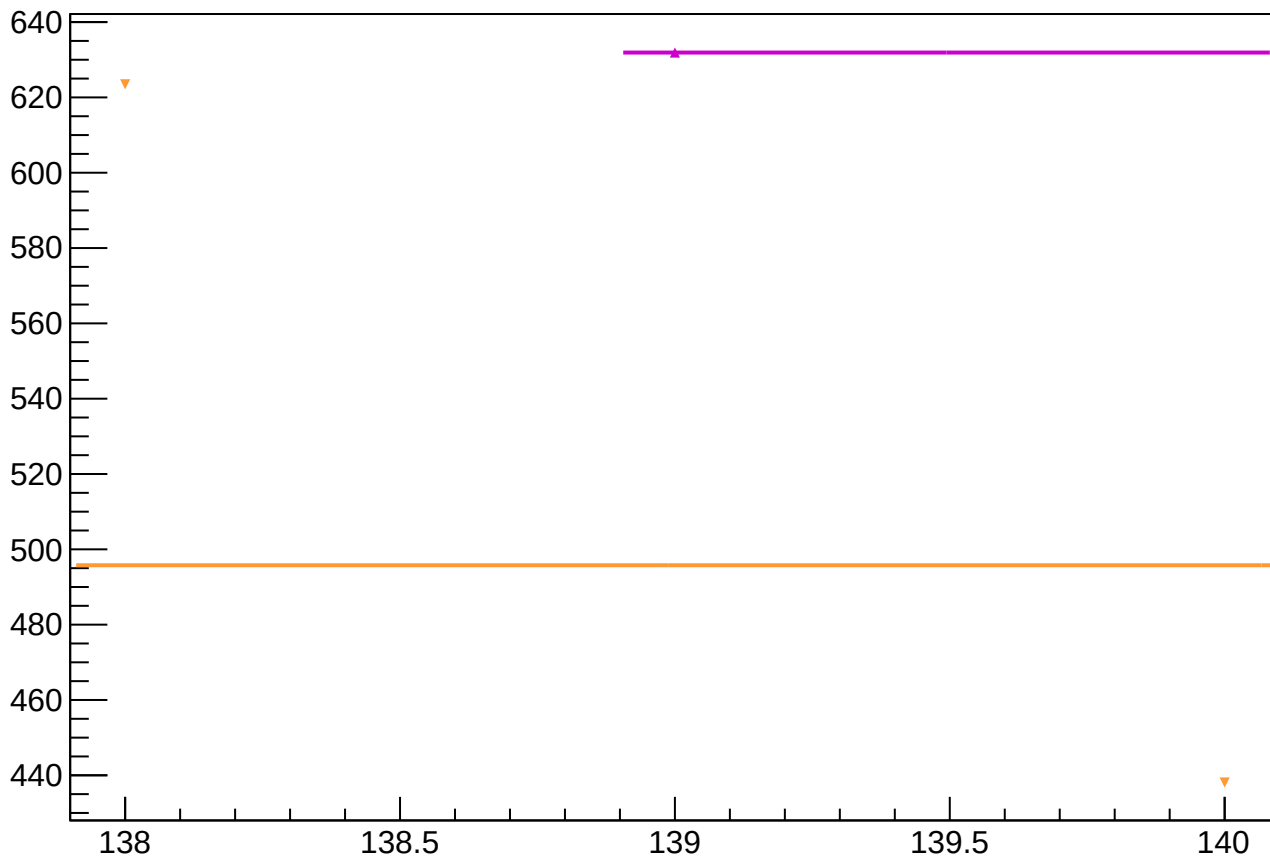
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -1259.006 $\pm$ 708.581 χ^2/NDF : 0.0/0

Out: 582.837 $\pm$ 408.740 χ^2/NDF : 0.8/1

All: 122.983 $\pm$ 354.057 χ^2/NDF : 5.9/2

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left Out: 495.772+/-0.289 $\chi^2/NDF: 88187.7/1$

Right Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left In: 631.909+/-0.501 $\chi^2/NDF: 0.0/0$

Left: 529.761+/-0.250 $\chi^2/NDF: 143580.6/2$

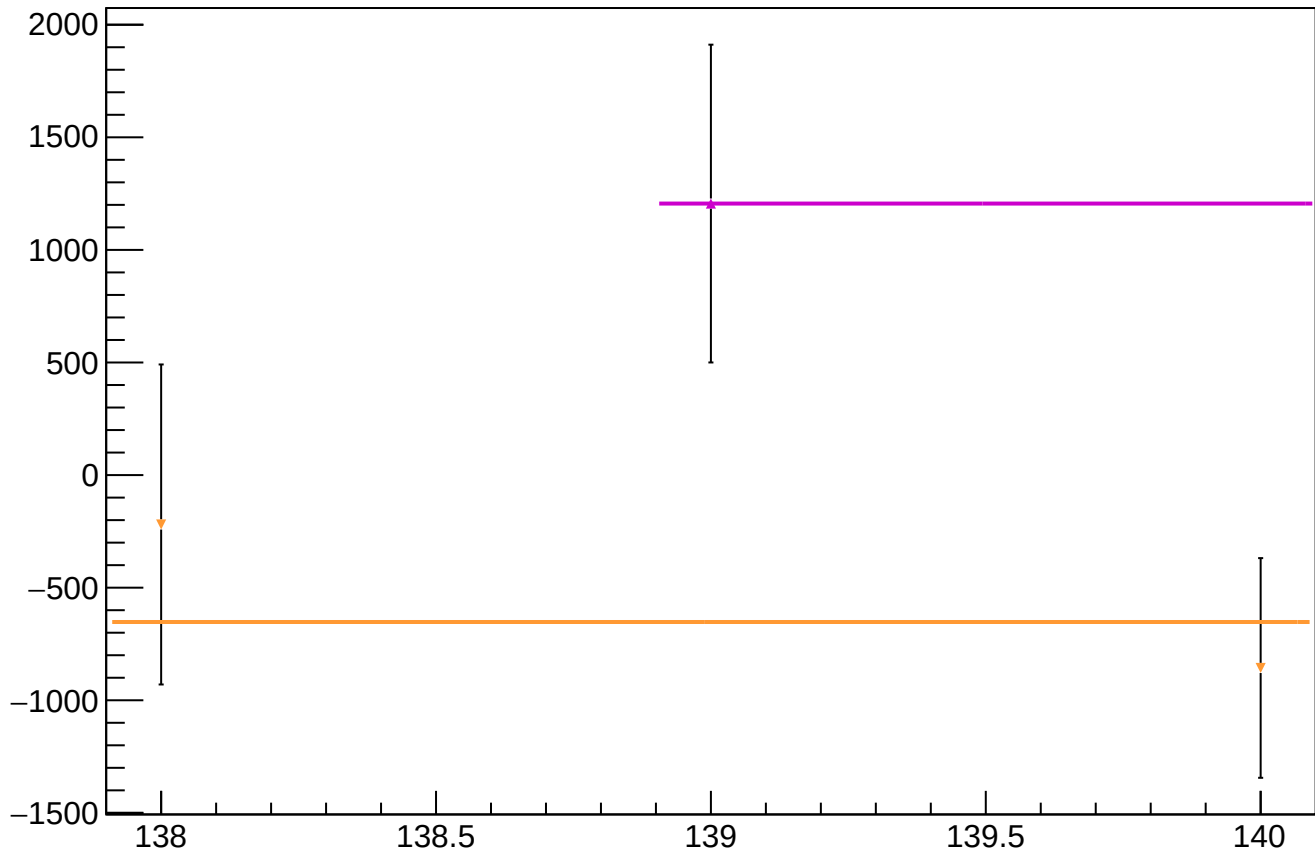
Right: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

In: 631.909+/-0.501 $\chi^2/NDF: 0.0/0$

Out: 495.772+/-0.289 $\chi^2/NDF: 88187.7/1$

All: 529.761+/-0.250 $\chi^2/NDF: 143580.6/2$

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -652.407+/-402.161 χ^2/NDF : 0.5/1

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

Left In: 1205.778+/-705.627 χ^2/NDF : 0.0/0

Left: -196.812+/-349.398 χ^2/NDF : 5.8/2

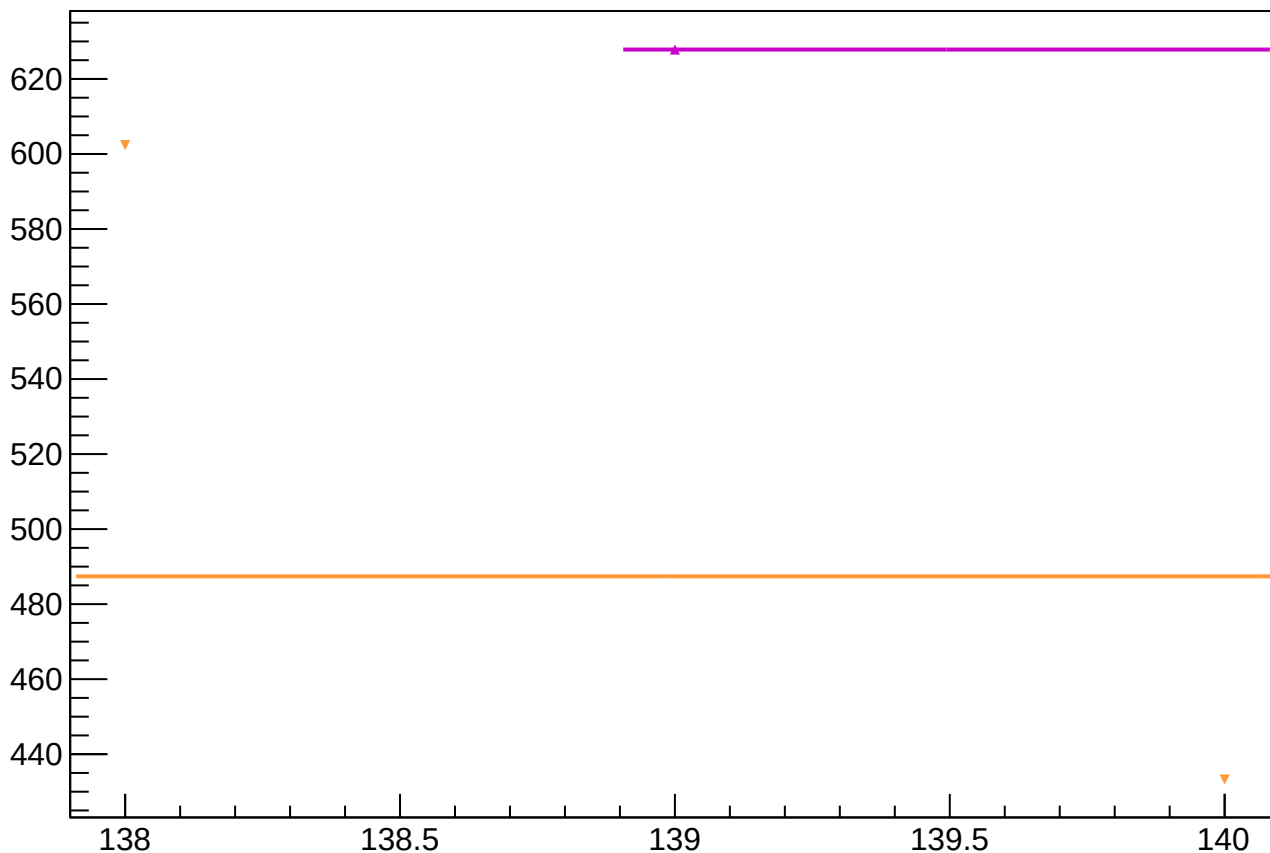
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1205.778+/-705.627 χ^2/NDF : 0.0/0

Out: -652.407+/-402.161 χ^2/NDF : 0.5/1

All: -196.812+/-349.398 χ^2/NDF : 5.8/2

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

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

Left In: 627.841+/-0.499 χ^2/NDF : 0.0/0

Left: 521.843+/-0.247 χ^2/NDF : 136773.7/2

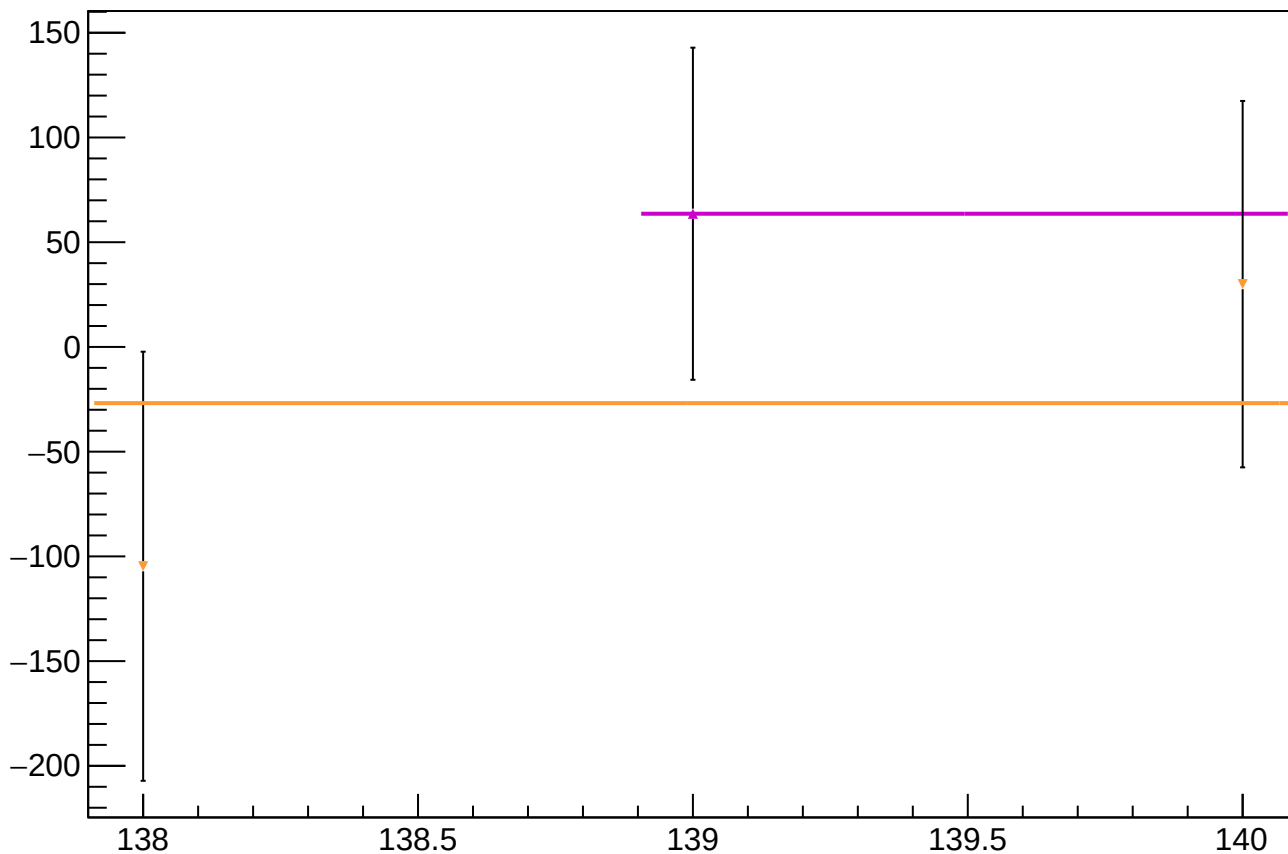
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 627.841+/-0.499 χ^2/NDF : 0.0/0

Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

All: 521.843+/-0.247 χ^2/NDF : 136773.7/2

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -26.820+/-66.518 χ^2/NDF : 1.0/1

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

Left In: 63.599+/-79.282 χ^2/NDF : 0.0/0

Left: 10.534+/-50.958 χ^2/NDF : 1.8/2

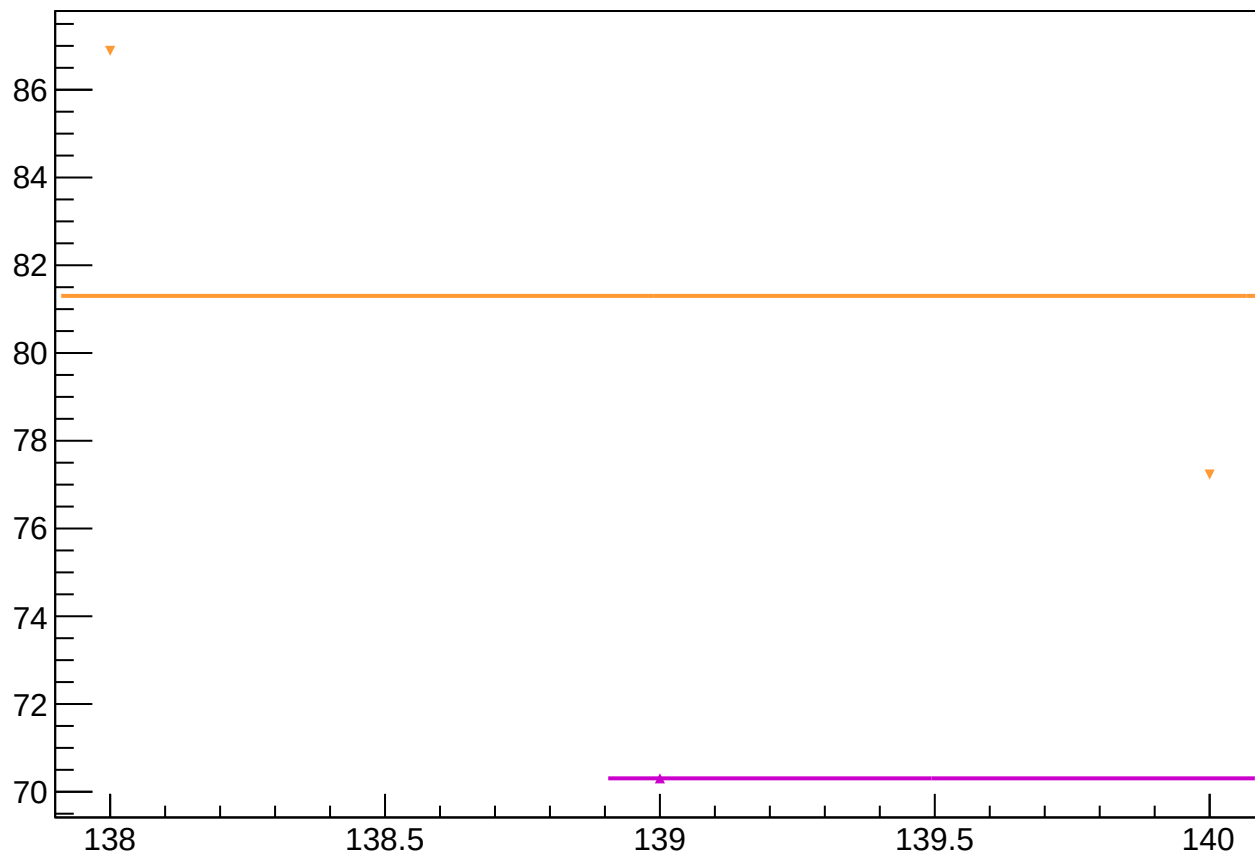
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.599+/-79.282 χ^2/NDF : 0.0/0

Out: -26.820+/-66.518 χ^2/NDF : 1.0/1

All: 10.534+/-50.958 χ^2/NDF : 1.8/2

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: 81.302+/-0.047 χ^2/NDF :10280.9/1

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

Left In: 70.306+/-0.056 χ^2/NDF :0.0/0

Left: 76.759+/-0.036 χ^2/NDF : 32858.2/2

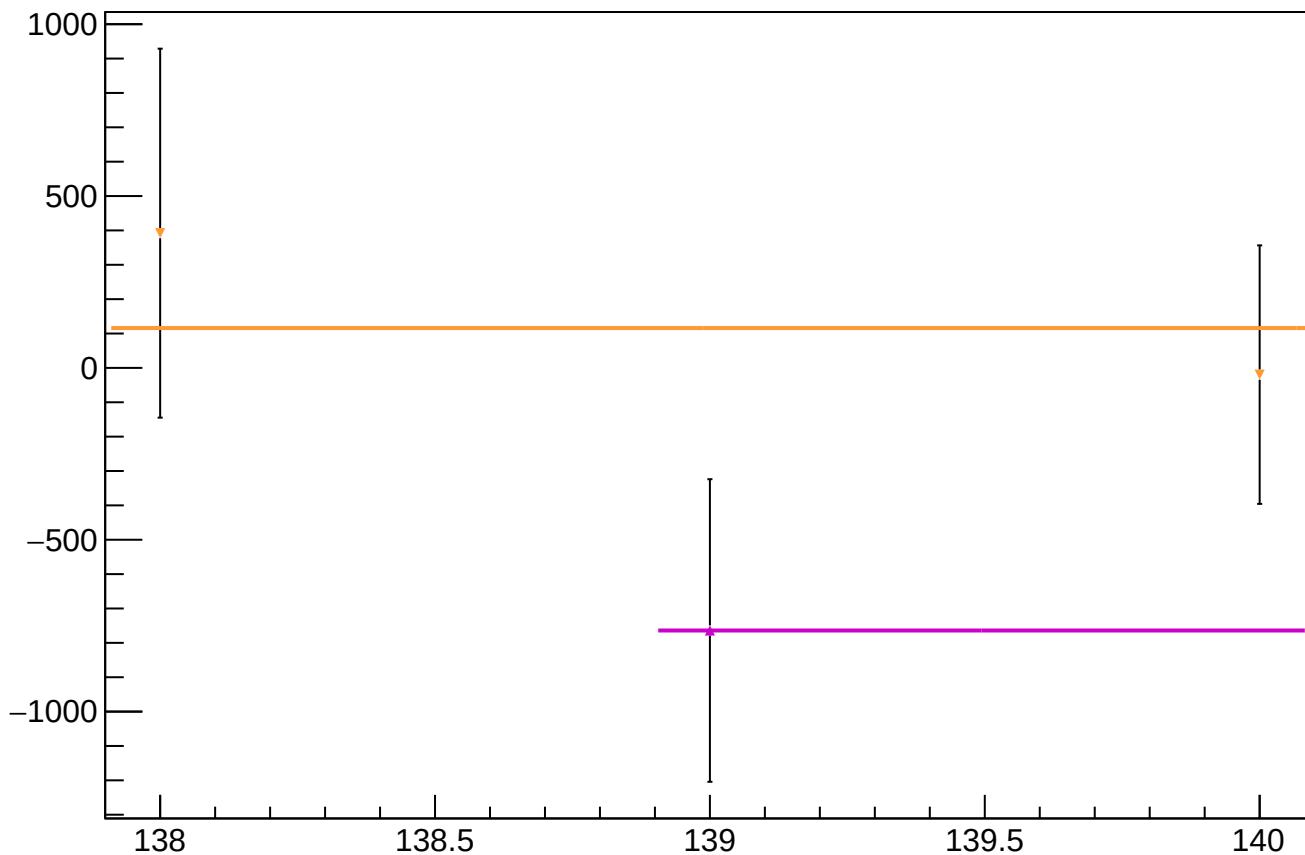
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.306+/-0.056 χ^2/NDF :0.0/0

Out: 81.302+/-0.047 χ^2/NDF :10280.9/1

All: 76.759+/-0.036 χ^2/NDF : 32858.2/2

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: 115.926+/-307.994 χ^2/NDF :0.4/1

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

Left In: -764.031+/-440.230 χ^2/NDF :0.0/0

Left: -173.245+/-252.363 χ^2/NDF : 3.1/2

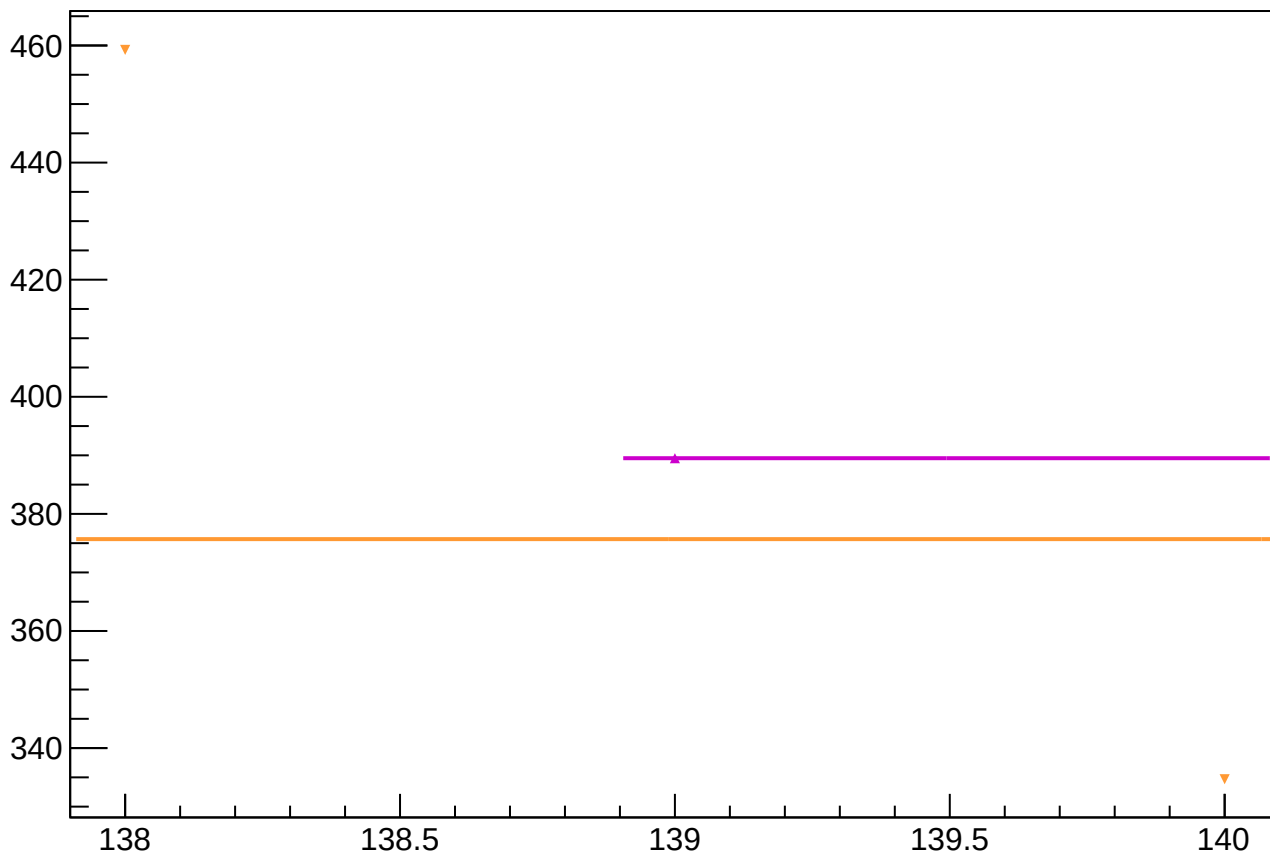
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -764.031+/-440.230 χ^2/NDF :0.0/0

Out: 115.926+/-307.994 χ^2/NDF :0.4/1

All: -173.245+/-252.363 χ^2/NDF : 3.1/2

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: 375.690+/-0.218 χ^2/NDF : 72250.8/1

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

Left In: 389.510+/-0.311 χ^2/NDF : 0.0/0

Left: 380.232+/-0.178 χ^2/NDF : 73574.1/2

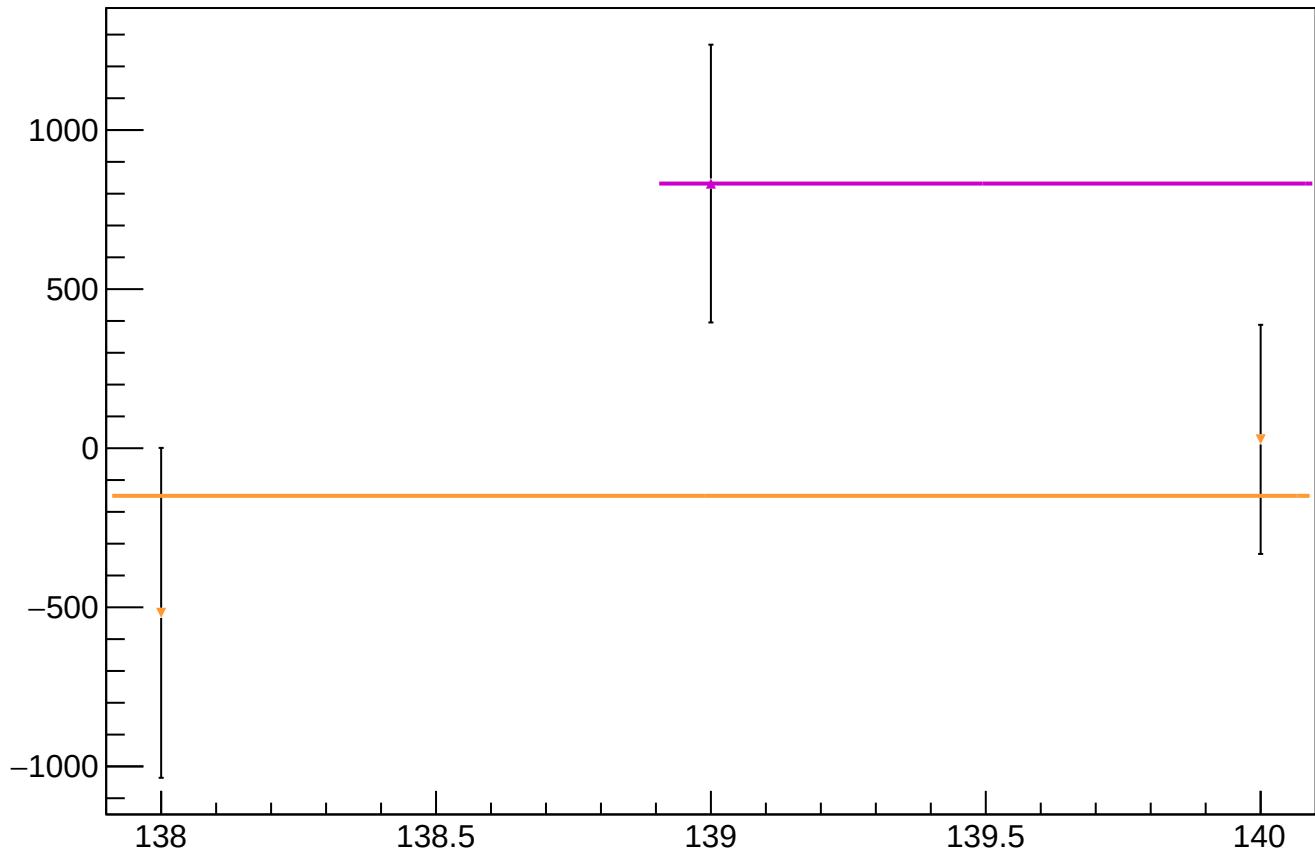
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 389.510+/-0.311 χ^2/NDF : 0.0/0

Out: 375.690+/-0.218 χ^2/NDF : 72250.8/1

All: 380.232+/-0.178 χ^2/NDF : 73574.1/2

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -149.584+/-295.724 χ^2/NDF : 0.7/1

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

Left In: 831.789+/-436.542 χ^2/NDF : 0.0/0

Left: 159.111+/-244.835 χ^2/NDF : 4.2/2

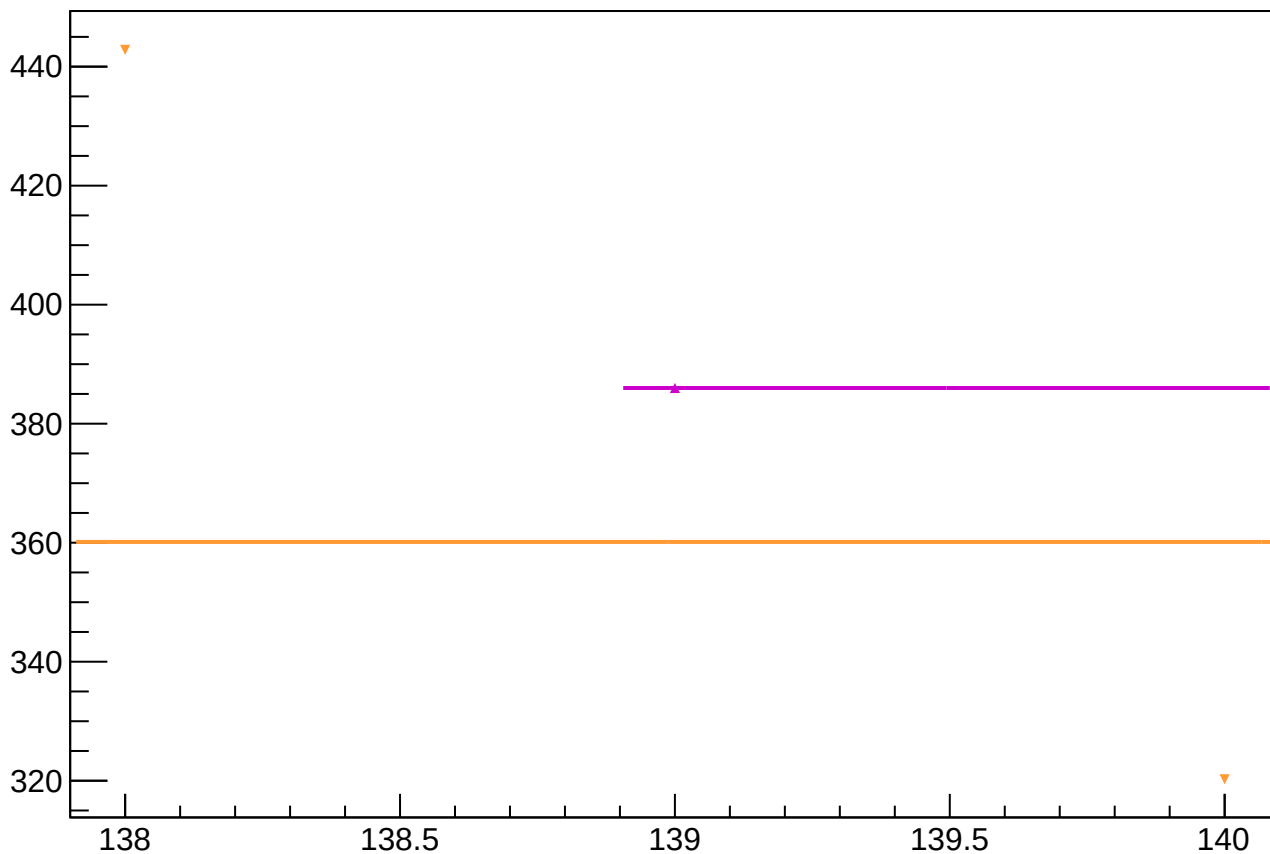
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 831.789+/-436.542 χ^2/NDF : 0.0/0

Out: -149.584+/-295.724 χ^2/NDF : 0.7/1

All: 159.111+/-244.835 χ^2/NDF : 4.2/2

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

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

Left In: 386.000+/-0.309 χ^2/NDF : 0.0/0

Left: 368.267+/-0.173 χ^2/NDF : 80244.4/2

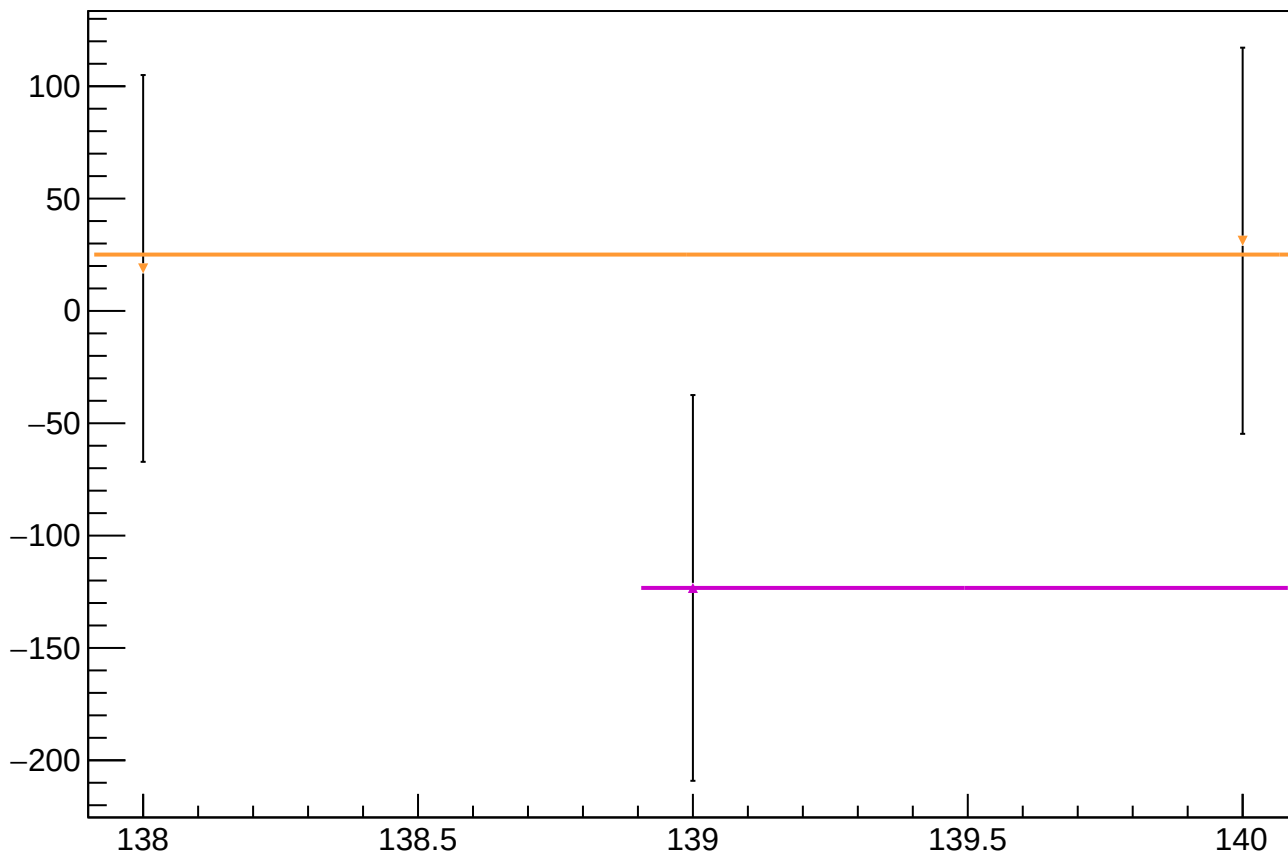
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 386.000+/-0.309 χ^2/NDF : 0.0/0

Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

All: 368.267+/-0.173 χ^2/NDF : 80244.4/2

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.082 $\pm$ 60.815 χ^2 /NDF:0.0/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -123.284 $\pm$ 85.844 χ^2 /NDF:0.0/0

Left: -24.498 $\pm$ 49.624 χ^2 /NDF: 2.0/2

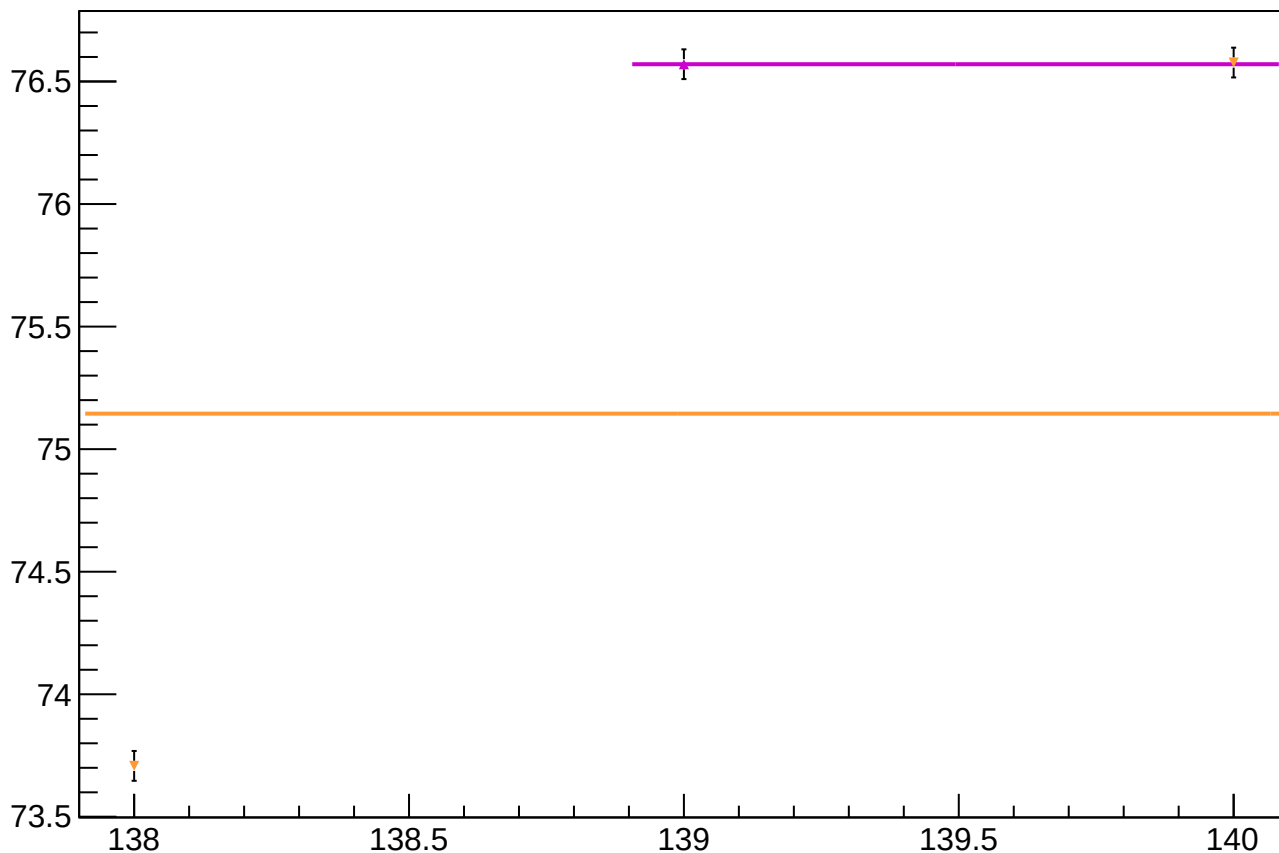
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -123.284 $\pm$ 85.844 χ^2 /NDF:0.0/0

Out: 25.082 $\pm$ 60.815 χ^2 /NDF:0.0/1

All: -24.498 $\pm$ 49.624 χ^2 /NDF: 2.0/2

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: 75.145+/-0.043 χ^2/NDF :1113.0/1

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

Left In: 76.570+/-0.061 χ^2/NDF :0.0/0

Left: 75.621+/-0.035 χ^2/NDF : 1480.2/2

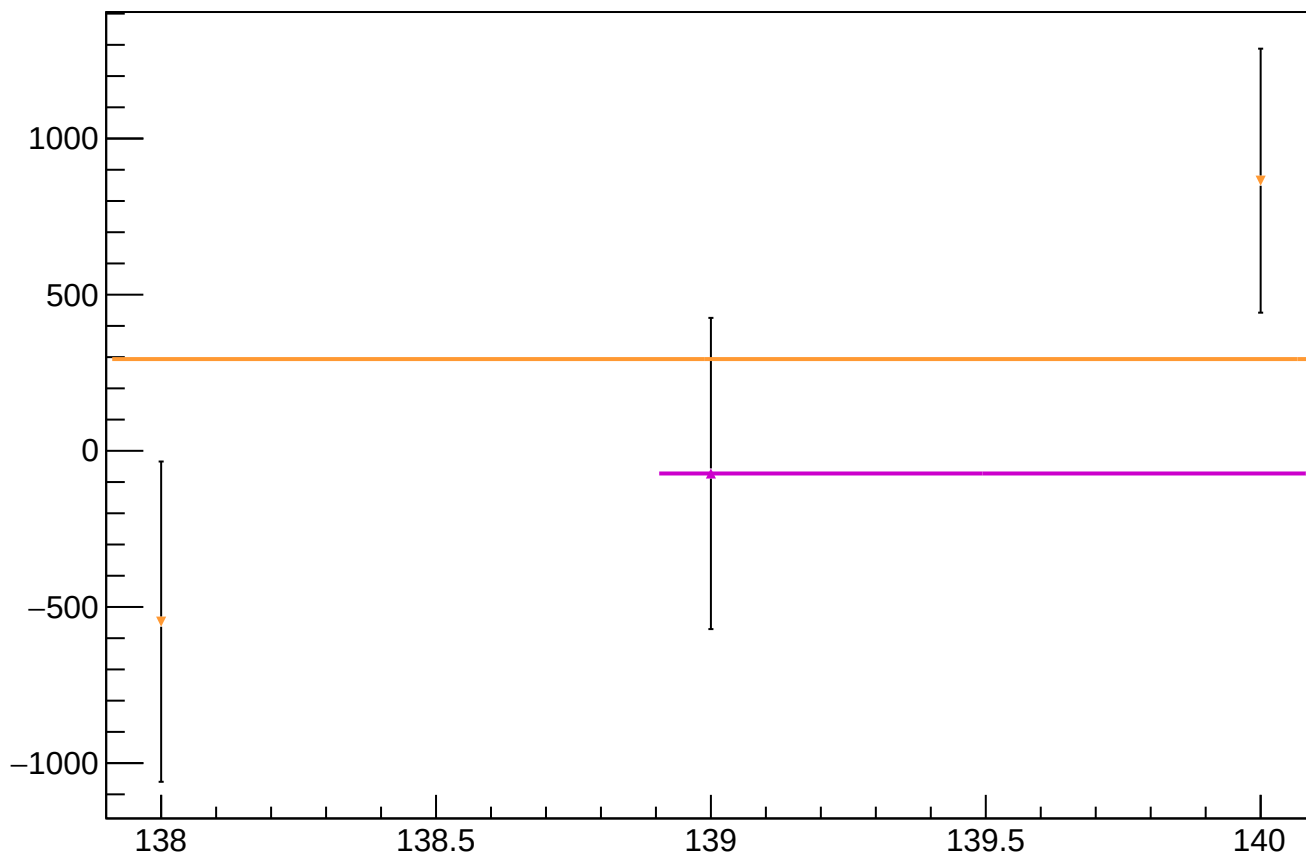
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 76.570+/-0.061 χ^2/NDF :0.0/0

Out: 75.145+/-0.043 χ^2/NDF :1113.0/1

All: 75.621+/-0.035 χ^2/NDF : 1480.2/2

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: 293.790+/-326.165 χ^2/NDF : 4.5/1

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

Left In: -72.571+/-498.277 χ^2/NDF : 0.0/0

Left: 183.898+/-272.898 χ^2/NDF : 4.9/2

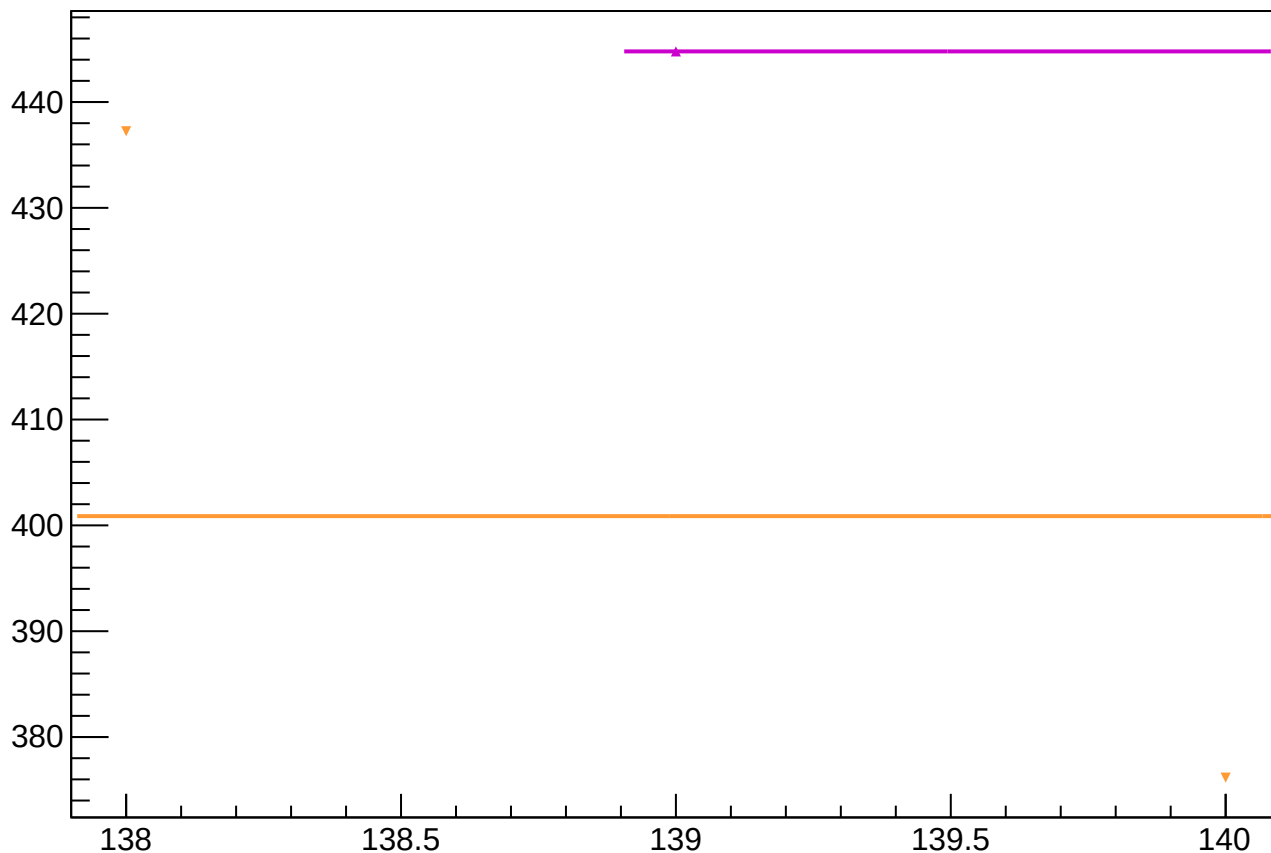
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -72.571+/-498.277 χ^2/NDF : 0.0/0

Out: 293.790+/-326.165 χ^2/NDF : 4.5/1

All: 183.898+/-272.898 χ^2/NDF : 4.9/2

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: 400.872+/-0.231 χ^2/NDF :16892.3/1

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

Left In: 444.783+/-0.352 χ^2/NDF :0.0/0

Left: 414.044+/-0.193 χ^2/NDF : 27765.5/2

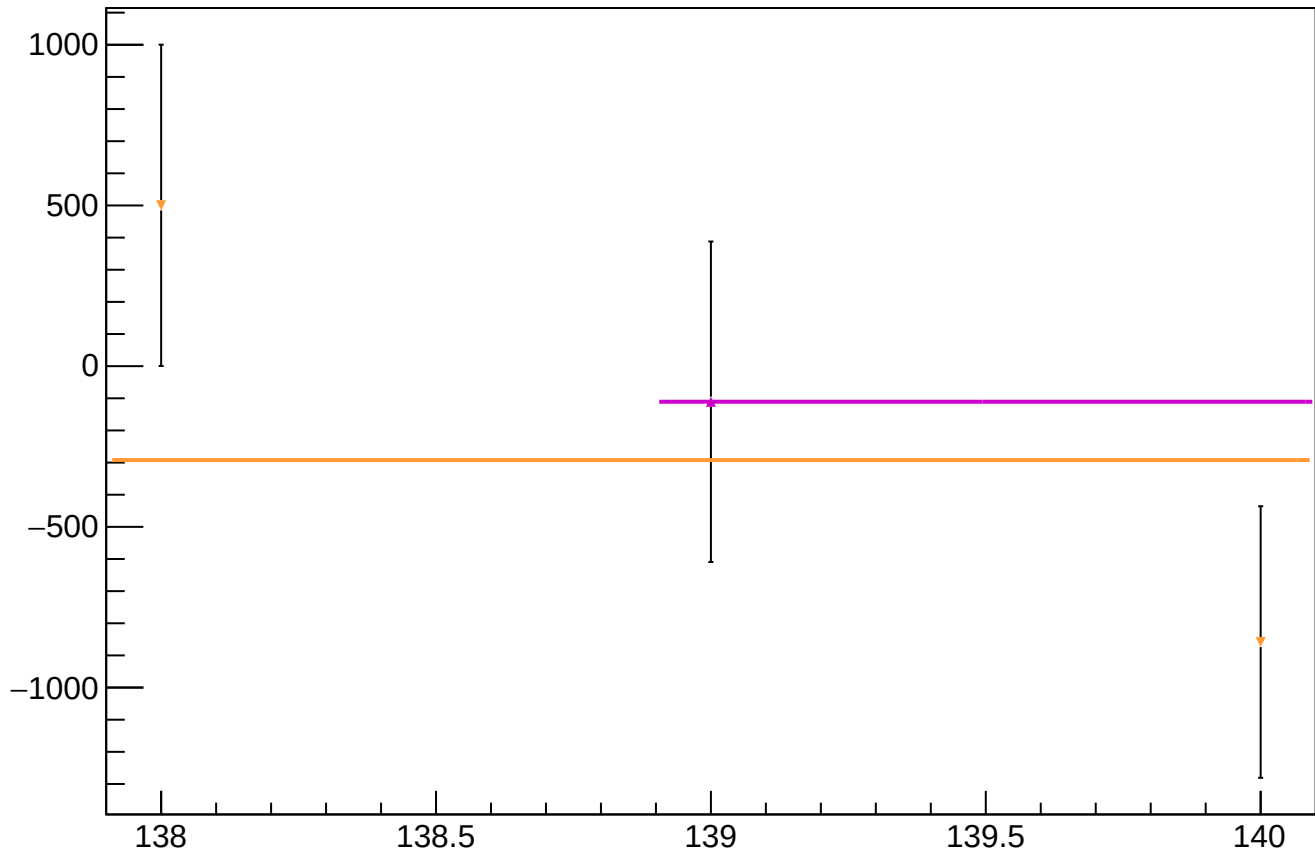
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 444.783+/-0.352 χ^2/NDF :0.0/0

Out: 400.872+/-0.231 χ^2/NDF :16892.3/1

All: 414.044+/-0.193 χ^2/NDF : 27765.5/2

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -292.206 $\pm$ 322.659 χ^2 /NDF:4.3/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -110.694 $\pm$ 498.533 χ^2 /NDF:0.0/0

Left: -238.619 $\pm$ 270.875 χ^2 /NDF: 4.4/2

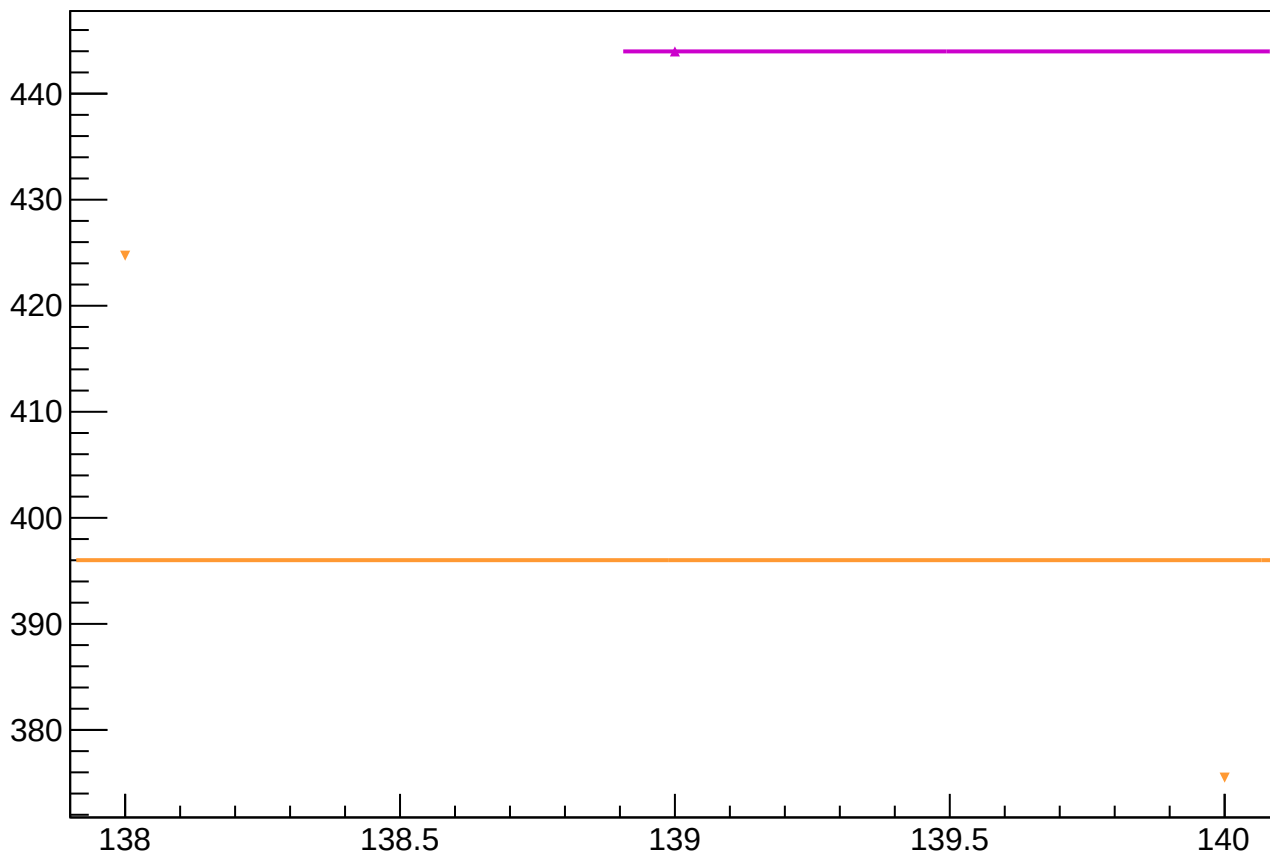
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -110.694 $\pm$ 498.533 χ^2 /NDF:0.0/0

Out: -292.206 $\pm$ 322.659 χ^2 /NDF:4.3/1

All: -238.619 $\pm$ 270.875 χ^2 /NDF: 4.4/2

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

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

Left In: 443.983+/-0.353 χ^2/NDF :0.0/0

Left: 410.172+/-0.192 χ^2/NDF : 24364.1/2

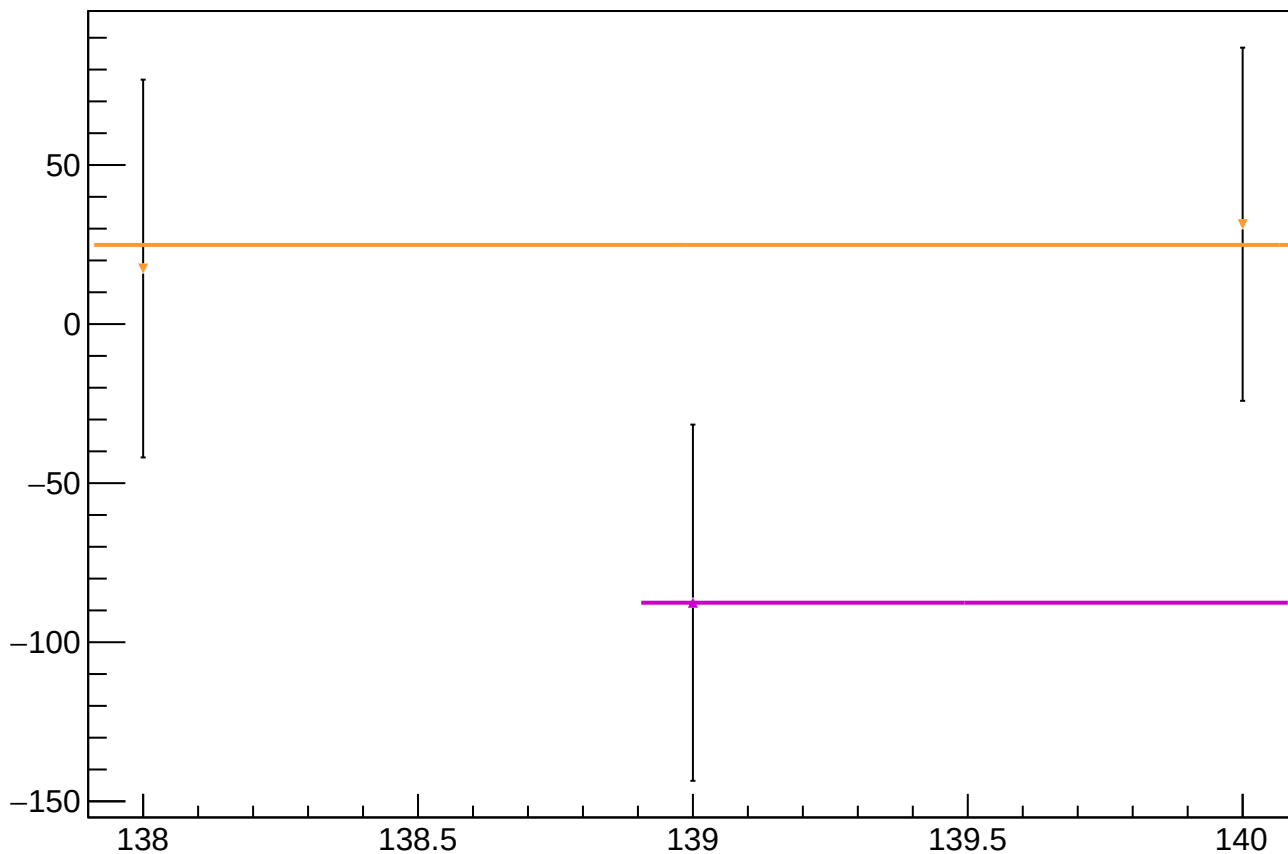
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.983+/-0.353 χ^2/NDF :0.0/0

Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

All: 410.172+/-0.192 χ^2/NDF : 24364.1/2

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 24.890+/-40.546 χ^2/NDF : 0.0/1

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

Left In: -87.576+/-55.977 χ^2/NDF : 0.0/0

Left: -13.811+/-32.837 χ^2/NDF : 2.7/2

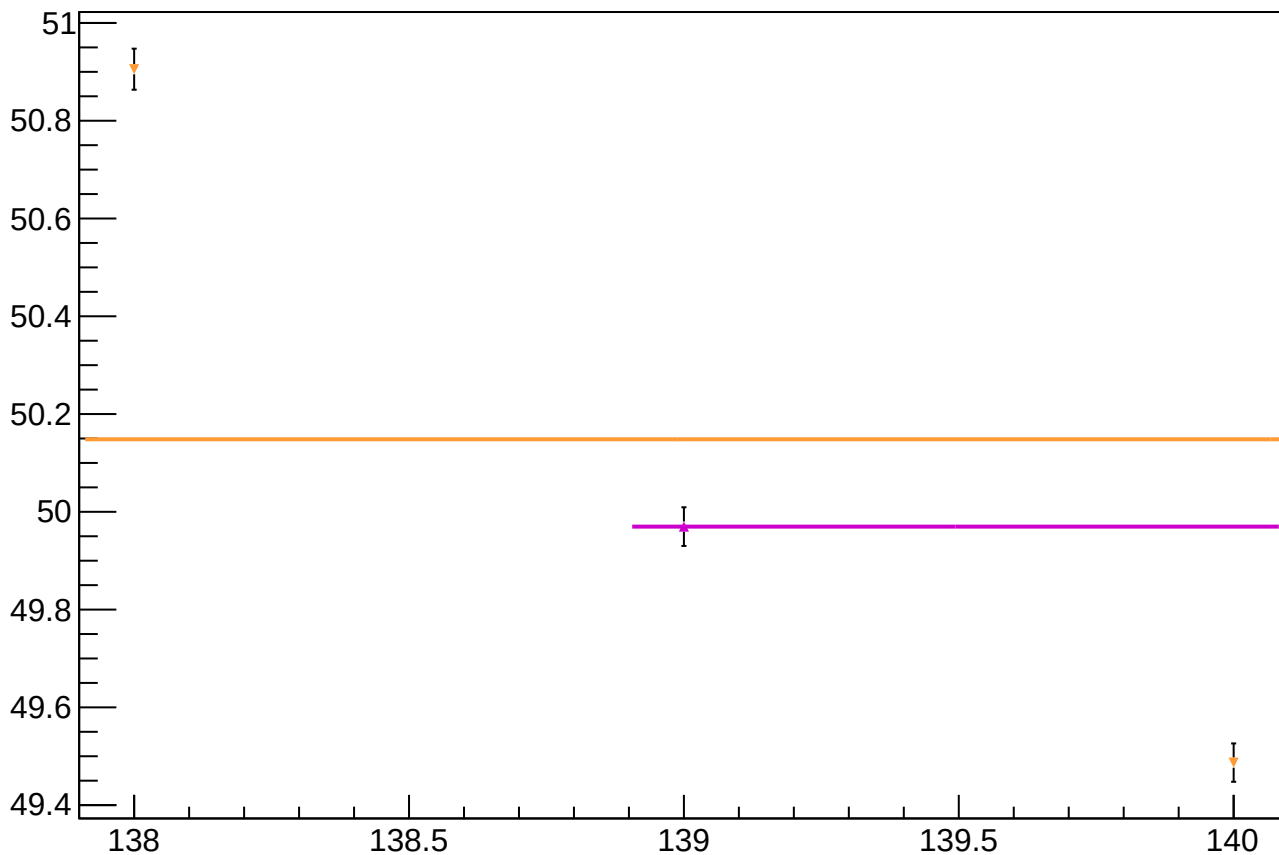
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.576+/-55.977 χ^2/NDF : 0.0/0

Out: 24.890+/-40.546 χ^2/NDF : 0.0/1

All: -13.811+/-32.837 χ^2/NDF : 2.7/2

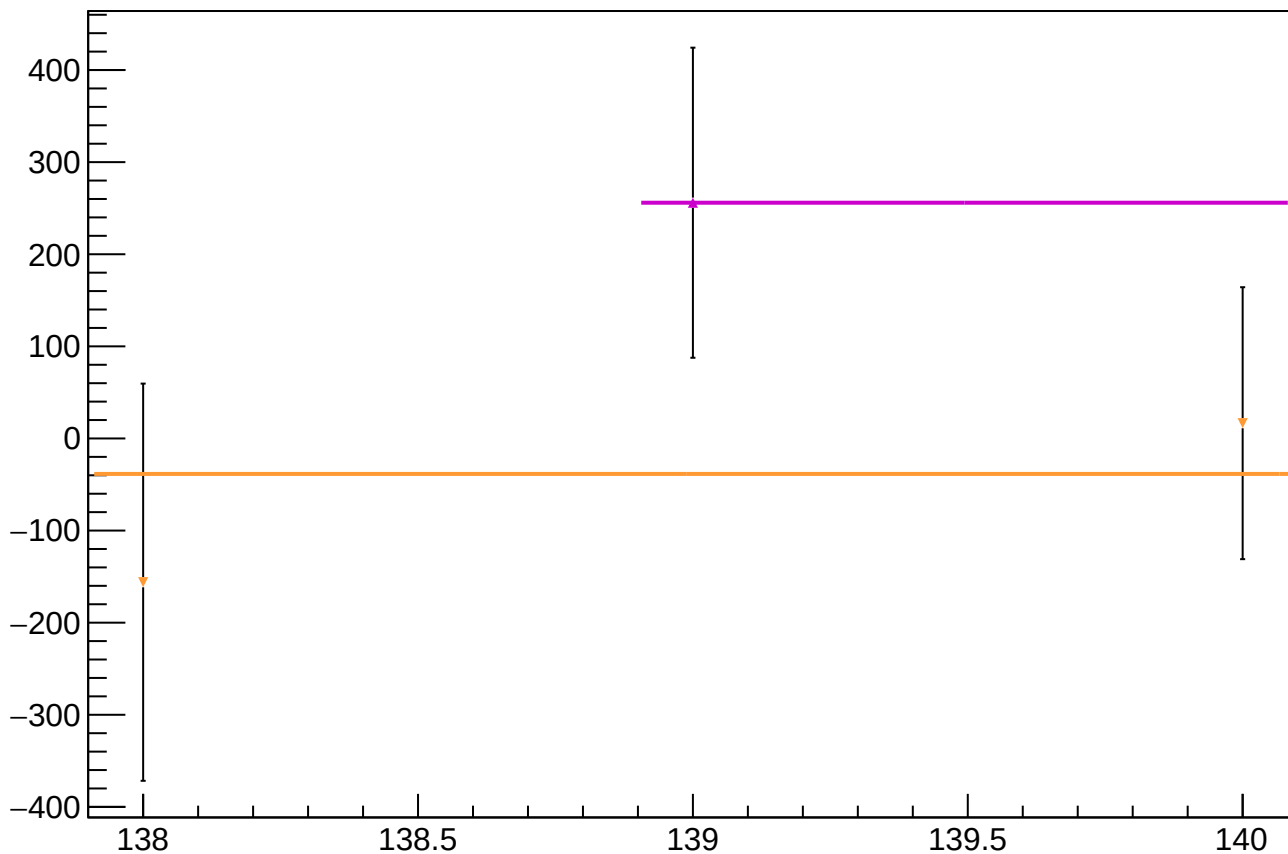
dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 50.148 $\pm$ 0.029 χ^2/NDF :609.2/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 49.970 $\pm$ 0.040 χ^2/NDF :0.0/0

Left: 50.087 $\pm$ 0.023 χ^2/NDF : 622.5/2
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 49.970 $\pm$ 0.040 χ^2/NDF :0.0/0
 Out: 50.148 $\pm$ 0.029 χ^2/NDF :609.2/1
 All: 50.087 $\pm$ 0.023 χ^2/NDF : 622.5/2

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -38.517+/-121.807 χ^2 /NDF:0.4/1

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

Left In: 255.939+/-168.335 χ^2 /NDF:0.0/0

Left: 62.676+/-98.682 χ^2 /NDF: 2.4/2

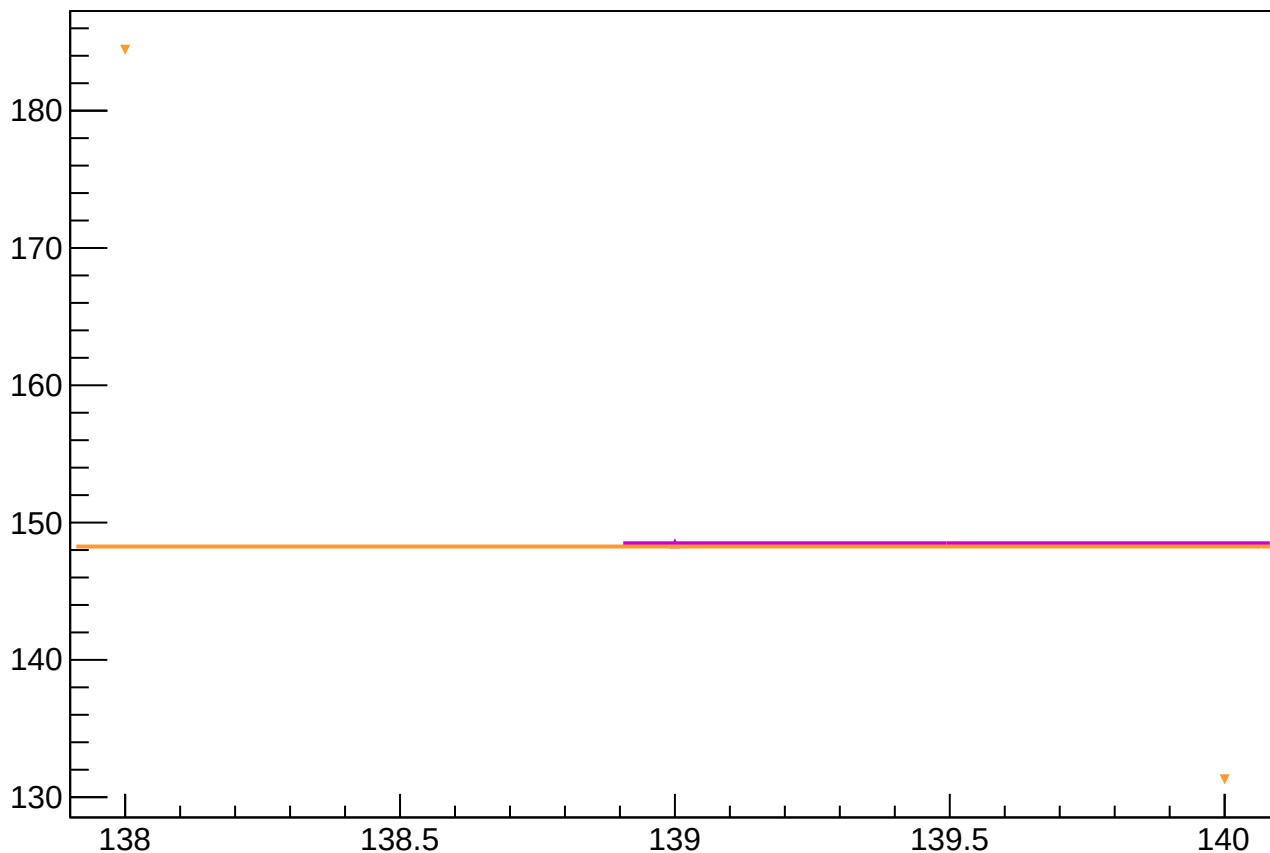
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 255.939+/-168.335 χ^2 /NDF:0.0/0

Out: -38.517+/-121.807 χ^2 /NDF:0.4/1

All: 62.676+/-98.682 χ^2 /NDF: 2.4/2

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: 148.257+/-0.086 χ^2/NDF : 82709.3/1

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

Left In: 148.491+/-0.119 χ^2/NDF : 0.0/0

Left: 148.337+/-0.070 χ^2/NDF : 82711.8/2

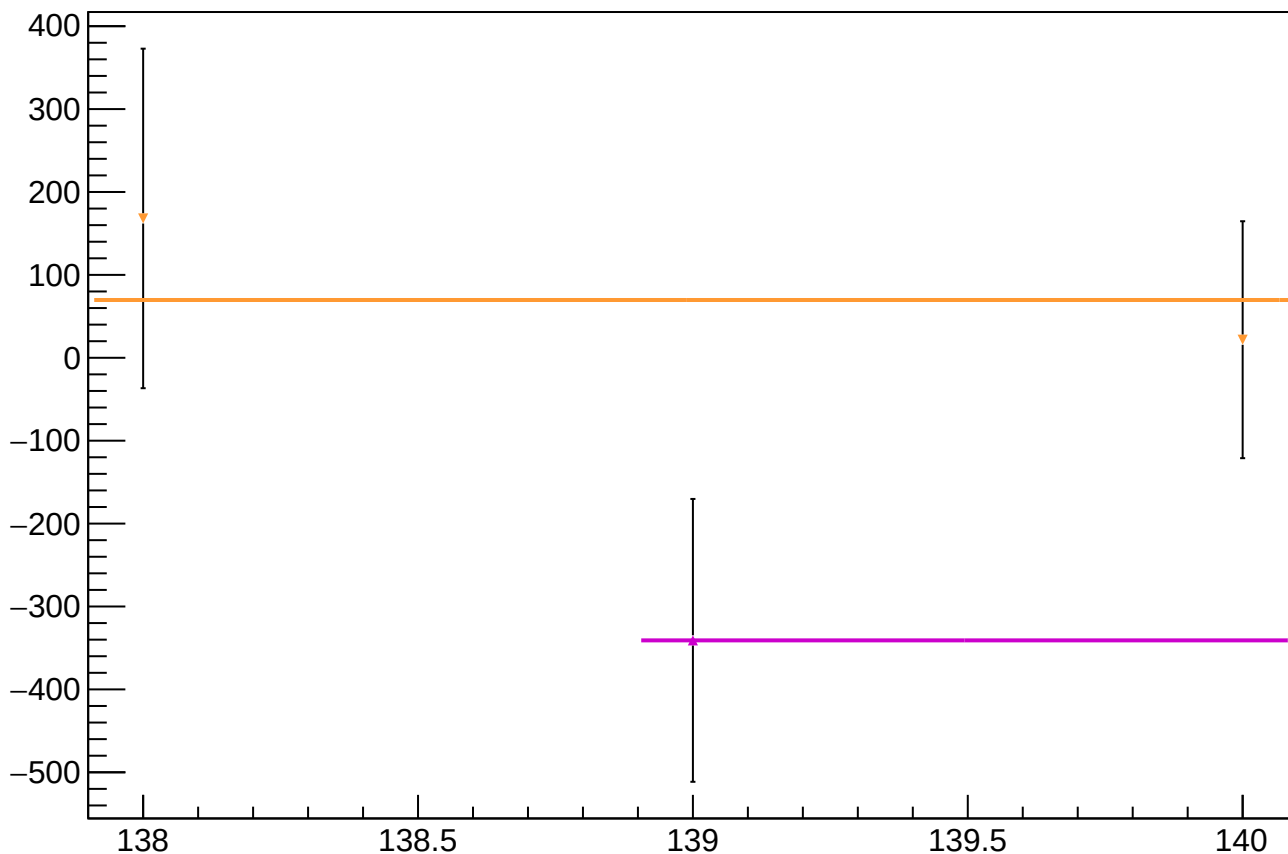
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 148.491+/-0.119 χ^2/NDF : 0.0/0

Out: 148.257+/-0.086 χ^2/NDF : 82709.3/1

All: 148.337+/-0.070 χ^2/NDF : 82711.8/2

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 69.710 ± 117.188 $\chi^2/NDF: 0.3/1$

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

Left In: -340.872 ± 170.591 $\chi^2/NDF: 0.0/0$

Left: -61.925 ± 96.592 $\chi^2/NDF: 4.3/2$

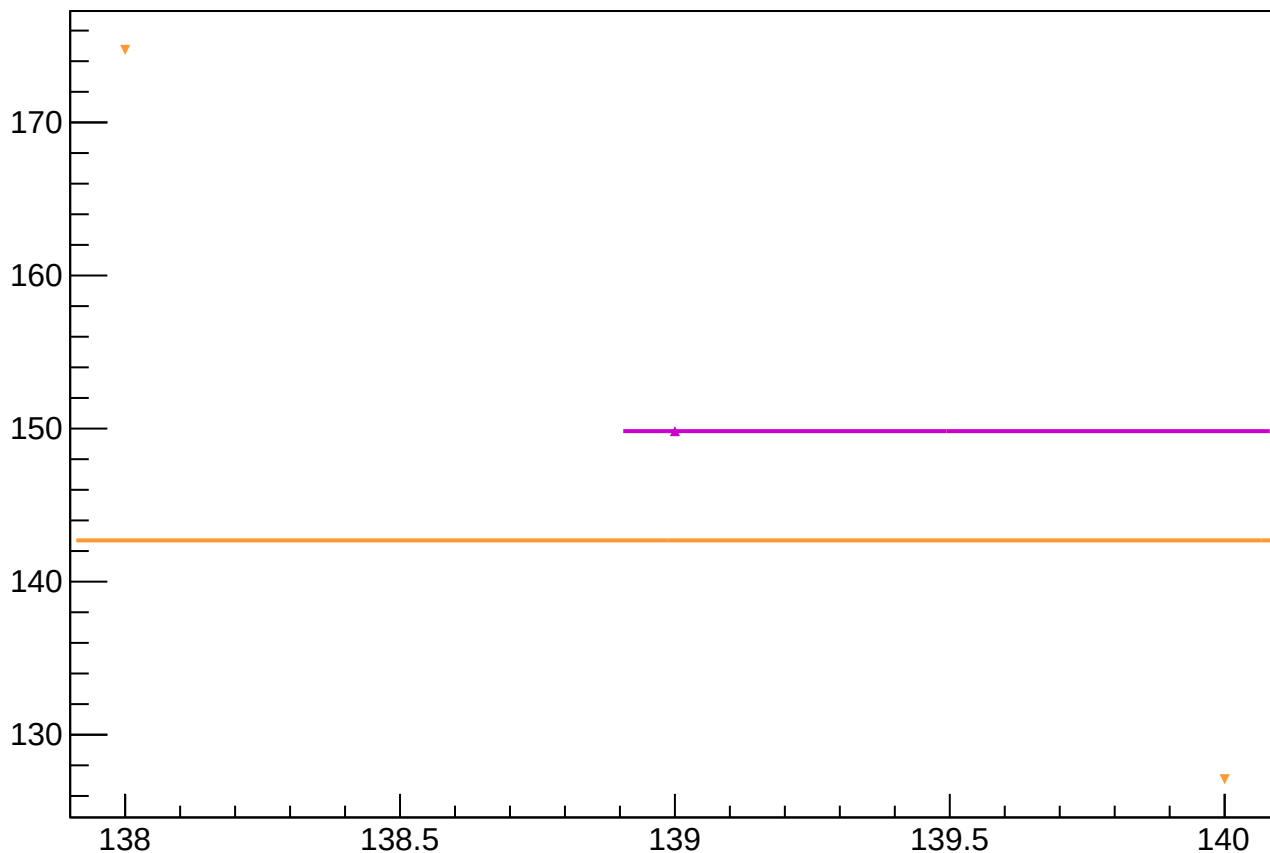
Right: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

In: -340.872 ± 170.591 $\chi^2/NDF: 0.0/0$

Out: 69.710 ± 117.188 $\chi^2/NDF: 0.3/1$

All: -61.925 ± 96.592 $\chi^2/NDF: 4.3/2$

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

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

Left In: 149.833+/-0.121 χ^2/NDF : 0.0/0

Left: 144.983+/-0.068 χ^2/NDF : 75197.1/2

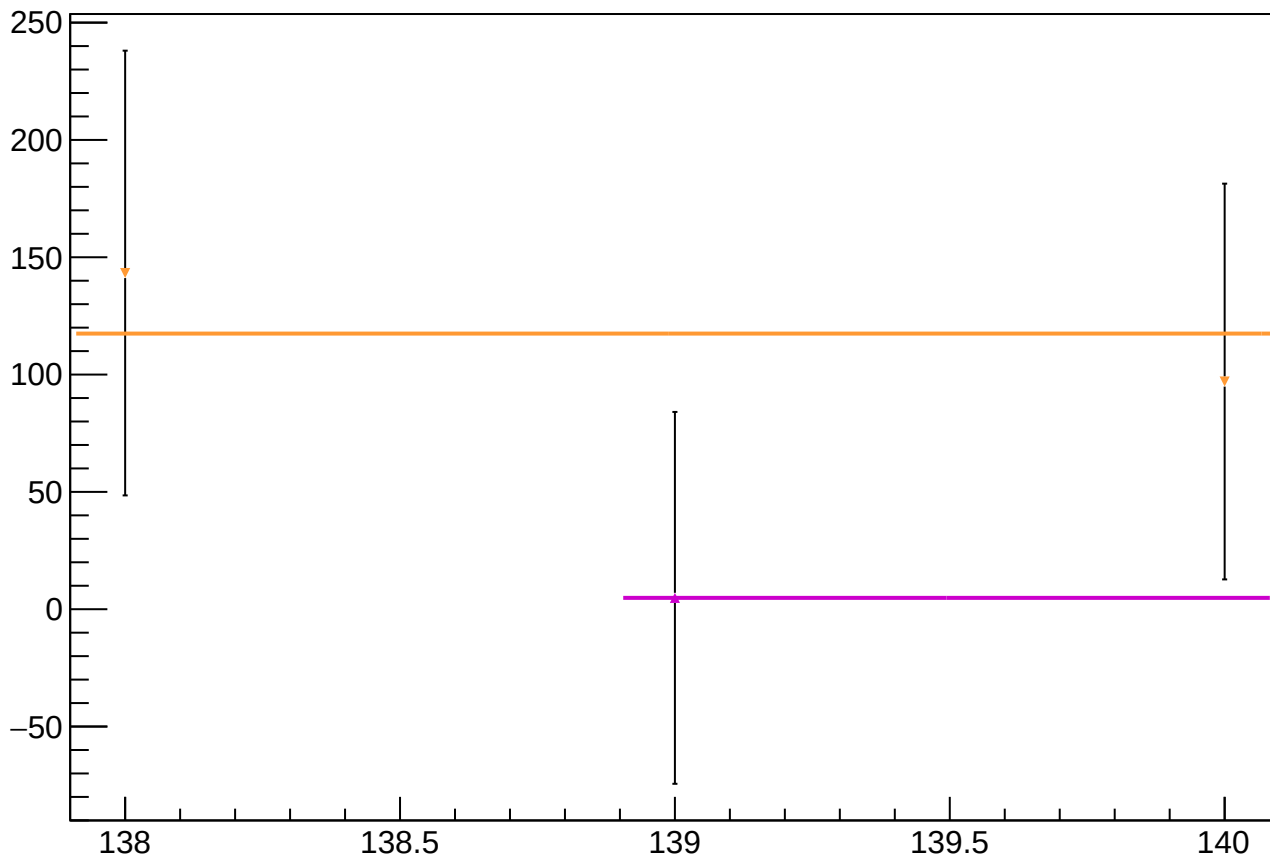
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 149.833+/-0.121 χ^2/NDF : 0.0/0

Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

All: 144.983+/-0.068 χ^2/NDF : 75197.1/2

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 117.469 ± 63.000 $\chi^2/\text{NDF}: 0.1/1$

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

Left In: 4.836 ± 79.241 $\chi^2/\text{NDF}: 0.0/0$

Left: 73.847 ± 49.314 $\chi^2/\text{NDF}: 1.4/2$

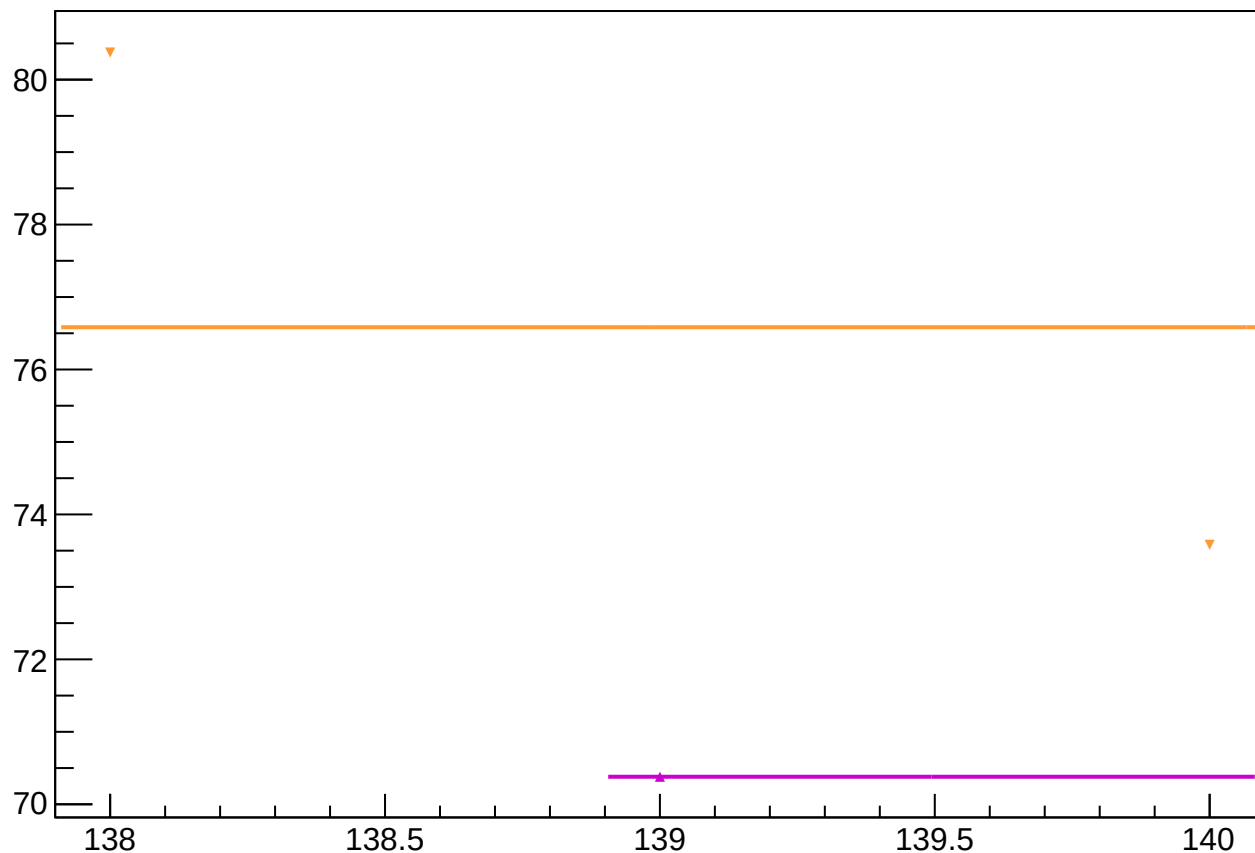
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 4.836 ± 79.241 $\chi^2/\text{NDF}: 0.0/0$

Out: 117.469 ± 63.000 $\chi^2/\text{NDF}: 0.1/1$

All: 73.847 ± 49.314 $\chi^2/\text{NDF}: 1.4/2$

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 76.583+/-0.045 χ^2/NDF : 5734.8/1

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

Left In: 70.380+/-0.056 χ^2/NDF : 0.0/0

Left: 74.181+/-0.035 χ^2/NDF : 13243.6/2

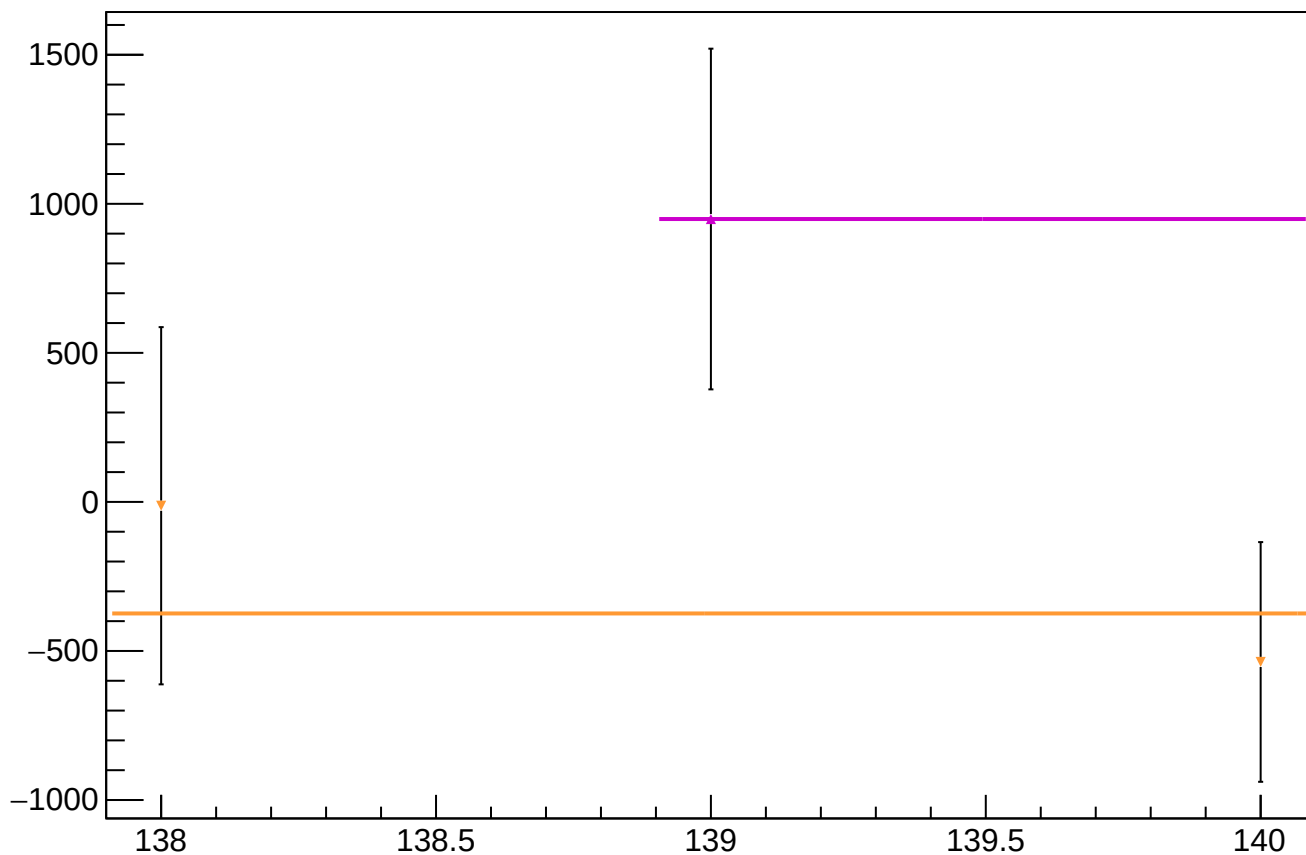
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.380+/-0.056 χ^2/NDF : 0.0/0

Out: 76.583+/-0.045 χ^2/NDF : 5734.8/1

All: 74.181+/-0.035 χ^2/NDF : 13243.6/2

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -374.177+/-333.860 χ^2/NDF : 0.5/1

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

Left In: 948.997+/-571.477 χ^2/NDF : 0.0/0

Left: -37.492+/-288.272 χ^2/NDF : 4.5/2

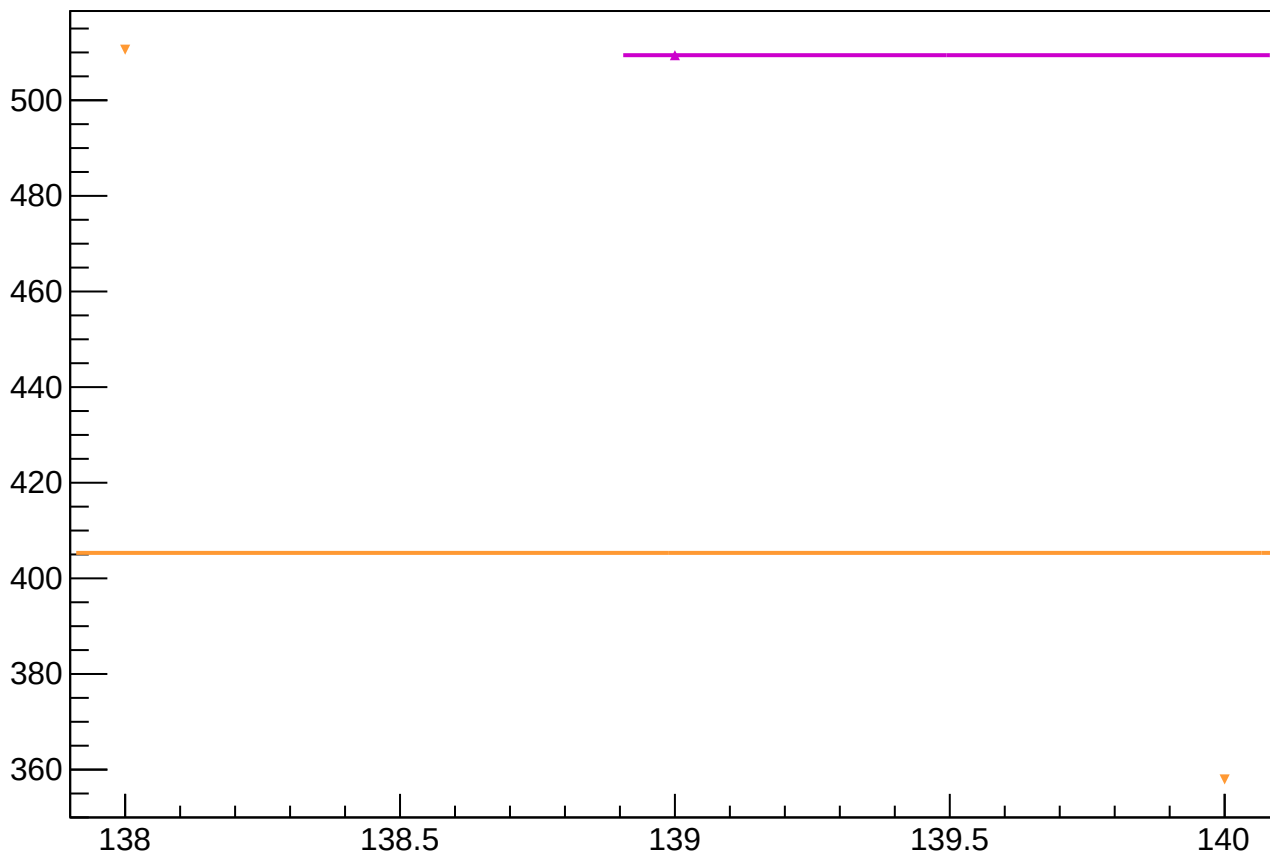
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 948.997+/-571.477 χ^2/NDF : 0.0/0

Out: -374.177+/-333.860 χ^2/NDF : 0.5/1

All: -37.492+/-288.272 χ^2/NDF : 4.5/2

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 405.328+/-0.236 χ^2/NDF : 89485.3/1

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

Left In: 509.426+/-0.404 χ^2/NDF : 0.0/0

Left: 431.816+/-0.204 χ^2/NDF : 138960.9/2

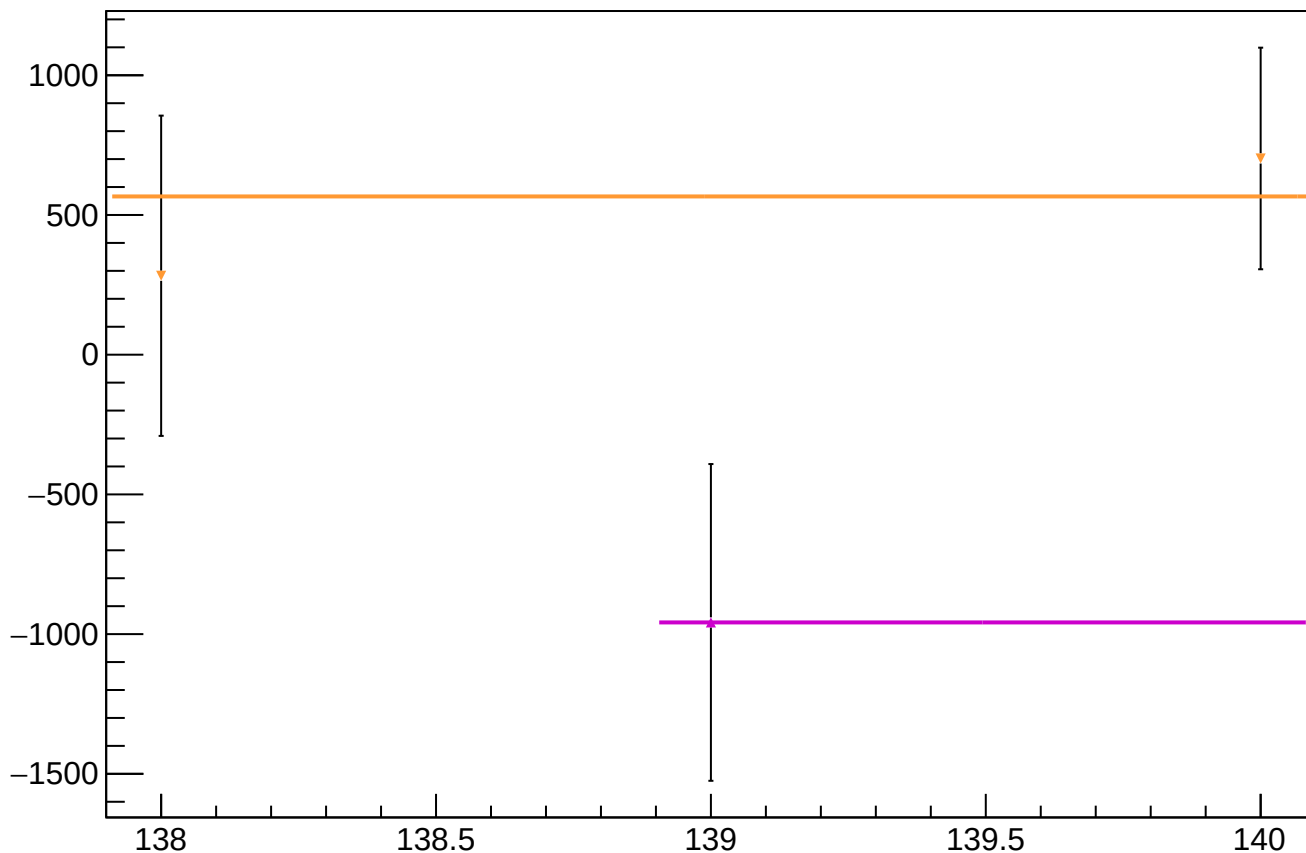
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 509.426+/-0.404 χ^2/NDF : 0.0/0

Out: 405.328+/-0.236 χ^2/NDF : 89485.3/1

All: 431.816+/-0.204 χ^2/NDF : 138960.9/2

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 566.339+/-326.084 χ^2/NDF : 0.4/1

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

Left In: -958.151+/-566.794 χ^2/NDF : 0.0/0

Left: 187.233+/-282.646 χ^2/NDF : 5.8/2

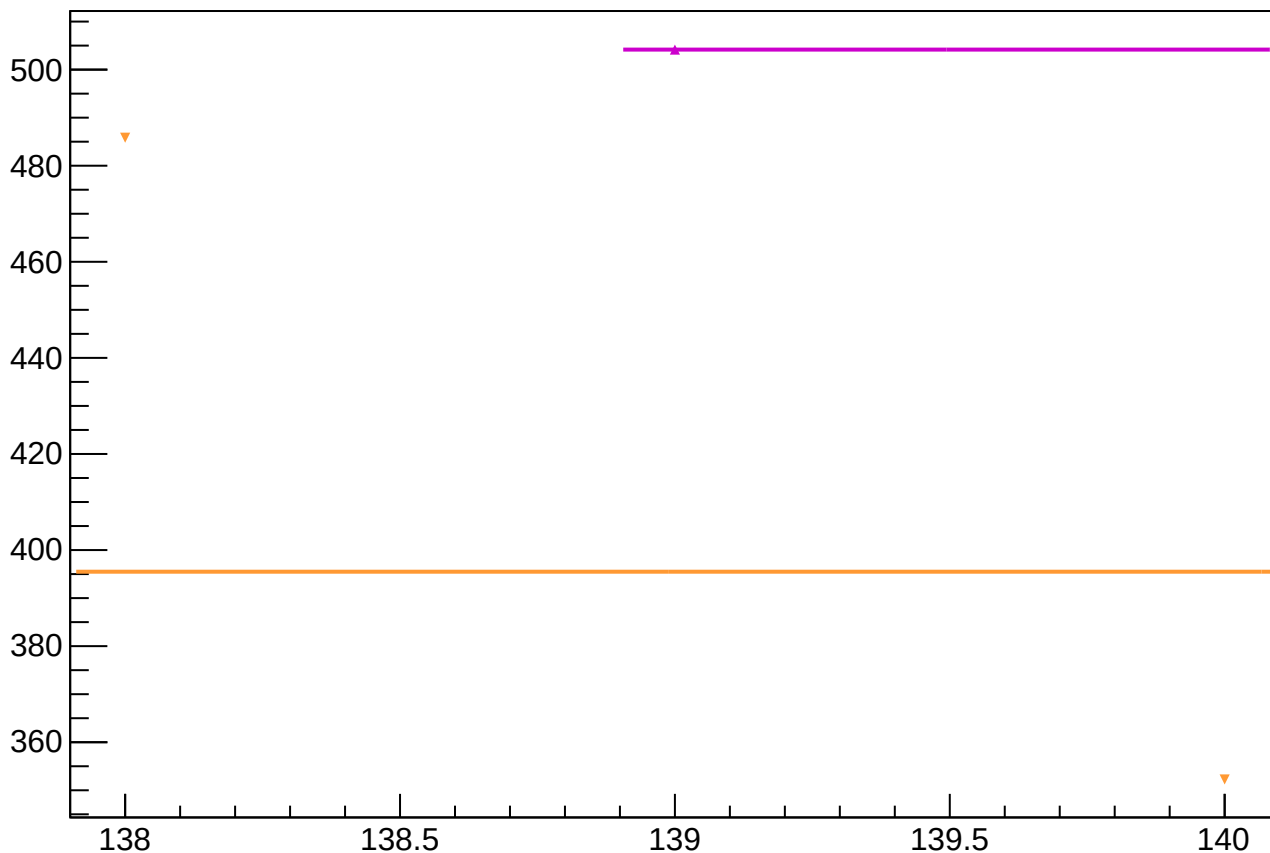
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -958.151+/-566.794 χ^2/NDF : 0.0/0

Out: 566.339+/-326.084 χ^2/NDF : 0.4/1

All: 187.233+/-282.646 χ^2/NDF : 5.8/2

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 395.495+/-0.231 χ^2/NDF : 73472.1/1

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

Left In: 504.168+/-0.401 χ^2/NDF : 0.0/0

Left: 422.520+/-0.200 χ^2/NDF : 128711.2/2

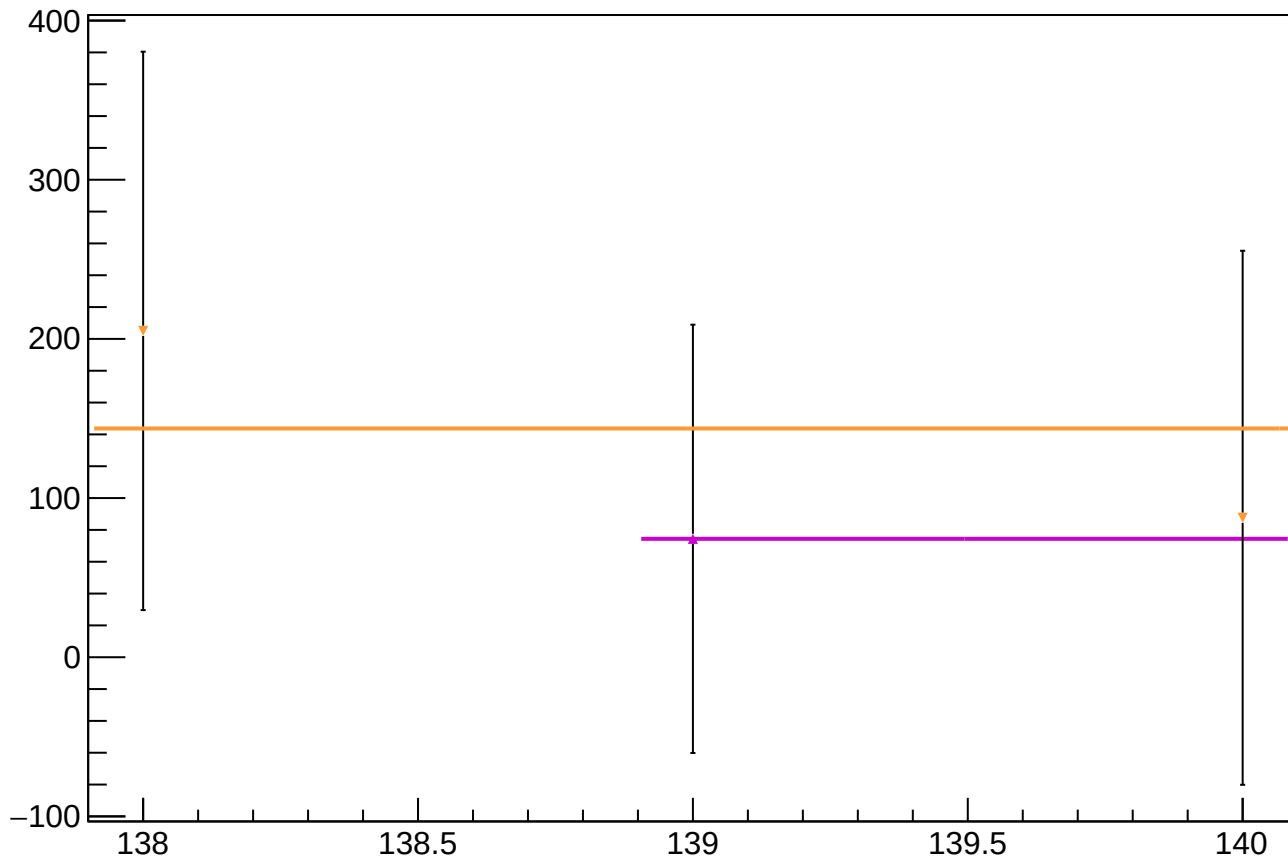
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 504.168+/-0.401 χ^2/NDF : 0.0/0

Out: 395.495+/-0.231 χ^2/NDF : 73472.1/1

All: 422.520+/-0.200 χ^2/NDF : 128711.2/2

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 143.709 ± 121.243 $\chi^2/\text{NDF}: 0.2/1$

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

Left In: 74.390 ± 134.547 $\chi^2/\text{NDF}: 0.0/0$

Left: 112.645 ± 90.069 $\chi^2/\text{NDF}: 0.4/2$

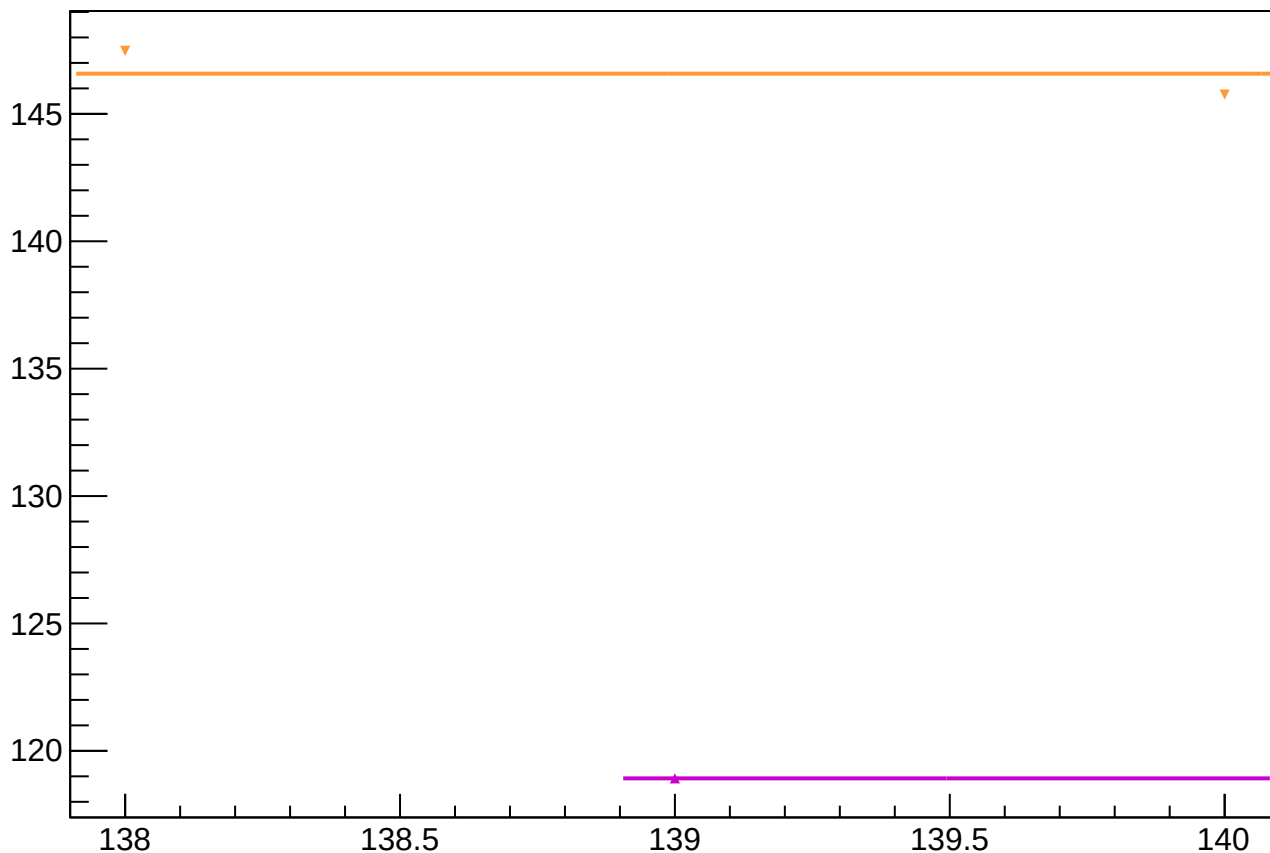
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 74.390 ± 134.547 $\chi^2/\text{NDF}: 0.0/0$

Out: 143.709 ± 121.243 $\chi^2/\text{NDF}: 0.2/1$

All: 112.645 ± 90.069 $\chi^2/\text{NDF}: 0.4/2$

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 146.578+/-0.086 χ^2/NDF :100.0/1

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

Left In: 118.920+/-0.095 χ^2/NDF :0.0/0

Left: 134.184+/-0.064 χ^2/NDF : 46740.2/2

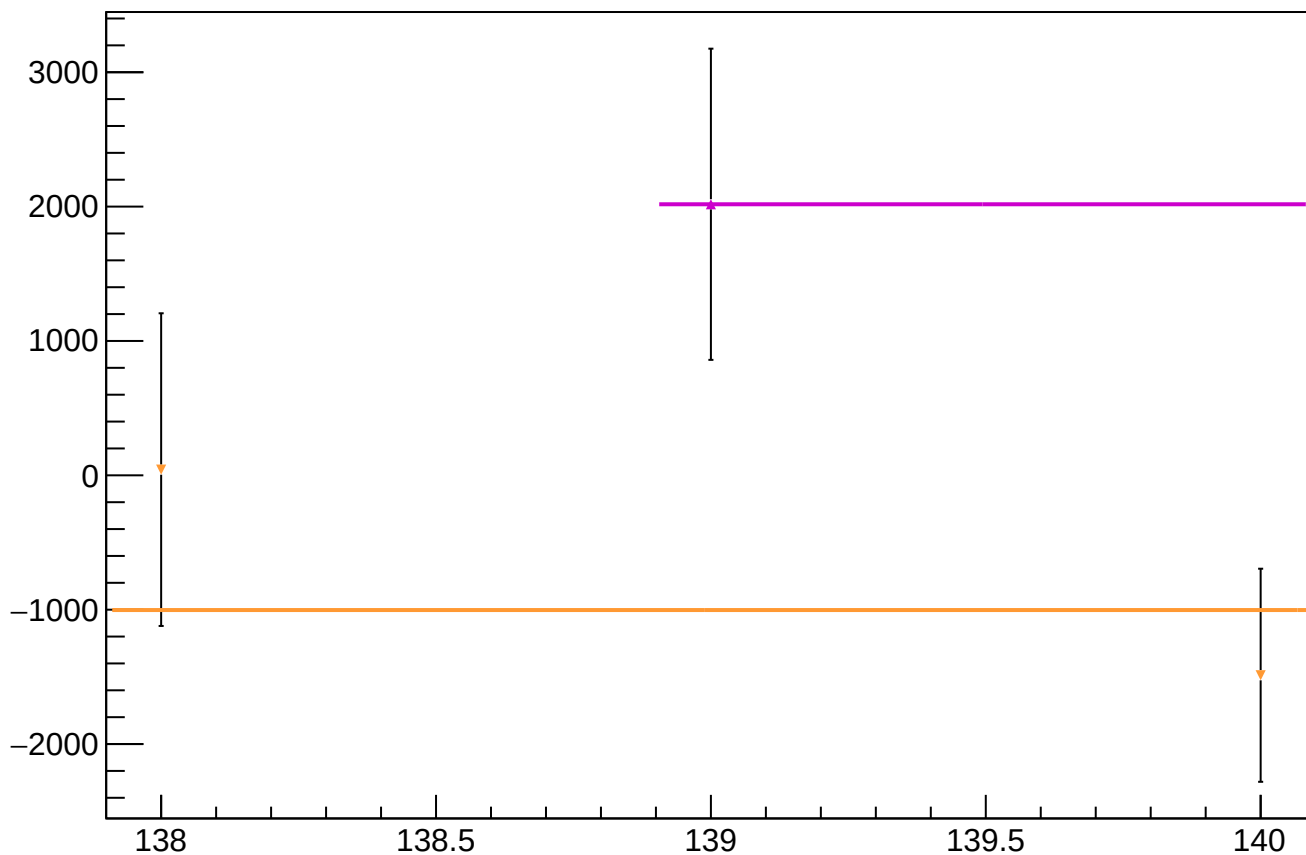
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 118.920+/-0.095 χ^2/NDF :0.0/0

Out: 146.578+/-0.086 χ^2/NDF :100.0/1

All: 134.184+/-0.064 χ^2/NDF : 46740.2/2

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1002.670+/-655.262 χ^2/NDF : 1.2/1

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

Left In: 2017.325+/-1158.039 χ^2/NDF : 0.0/0

Left: -270.251+/-570.296 χ^2/NDF : 6.3/2

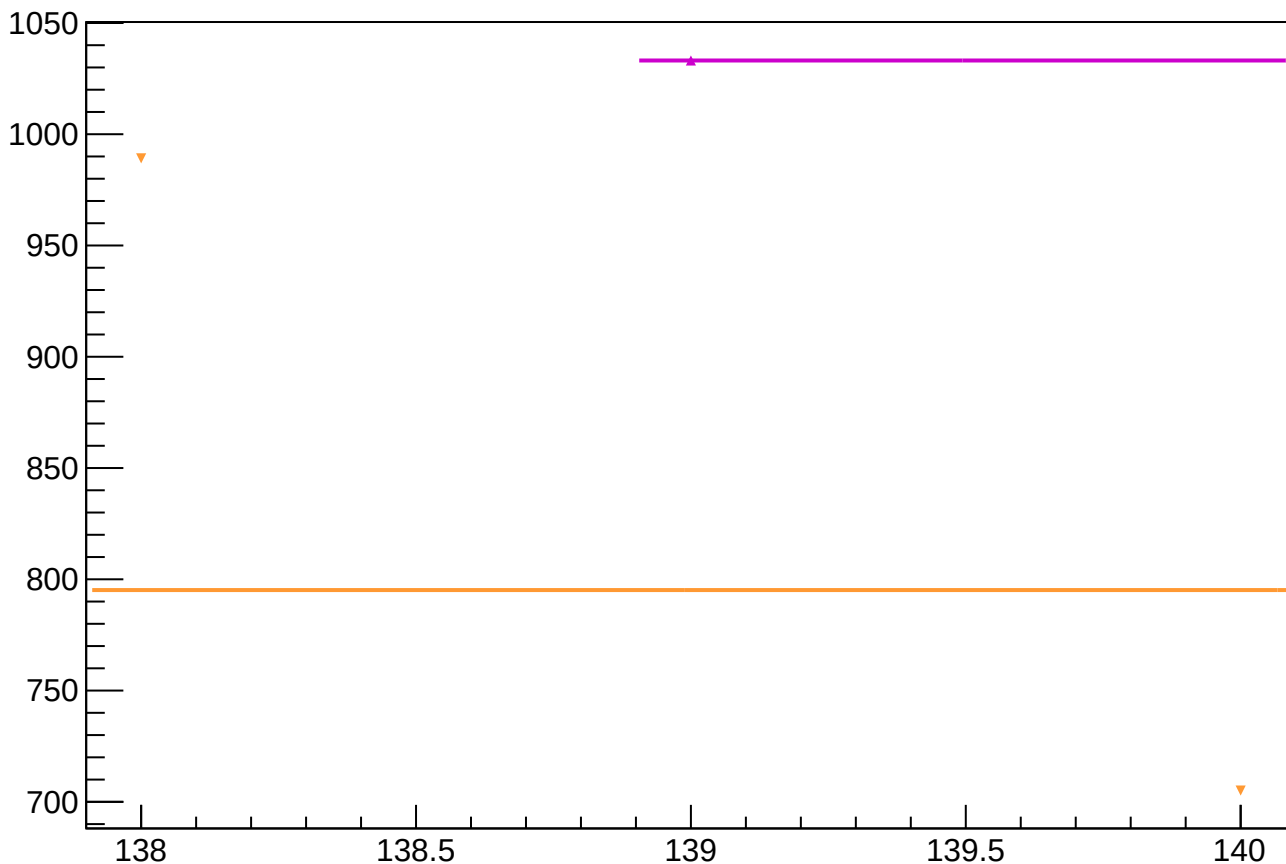
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2017.325+/-1158.039 χ^2/NDF : 0.0/0

Out: -1002.670+/-655.262 χ^2/NDF : 1.2/1

All: -270.251+/-570.296 χ^2/NDF : 6.3/2

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 795.161+/-0.463 χ^2/NDF : 81409.8/1

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

Left In: 1033.130+/-0.819 χ^2/NDF : 0.0/0

Left: 852.874+/-0.403 χ^2/NDF : 145382.3/2

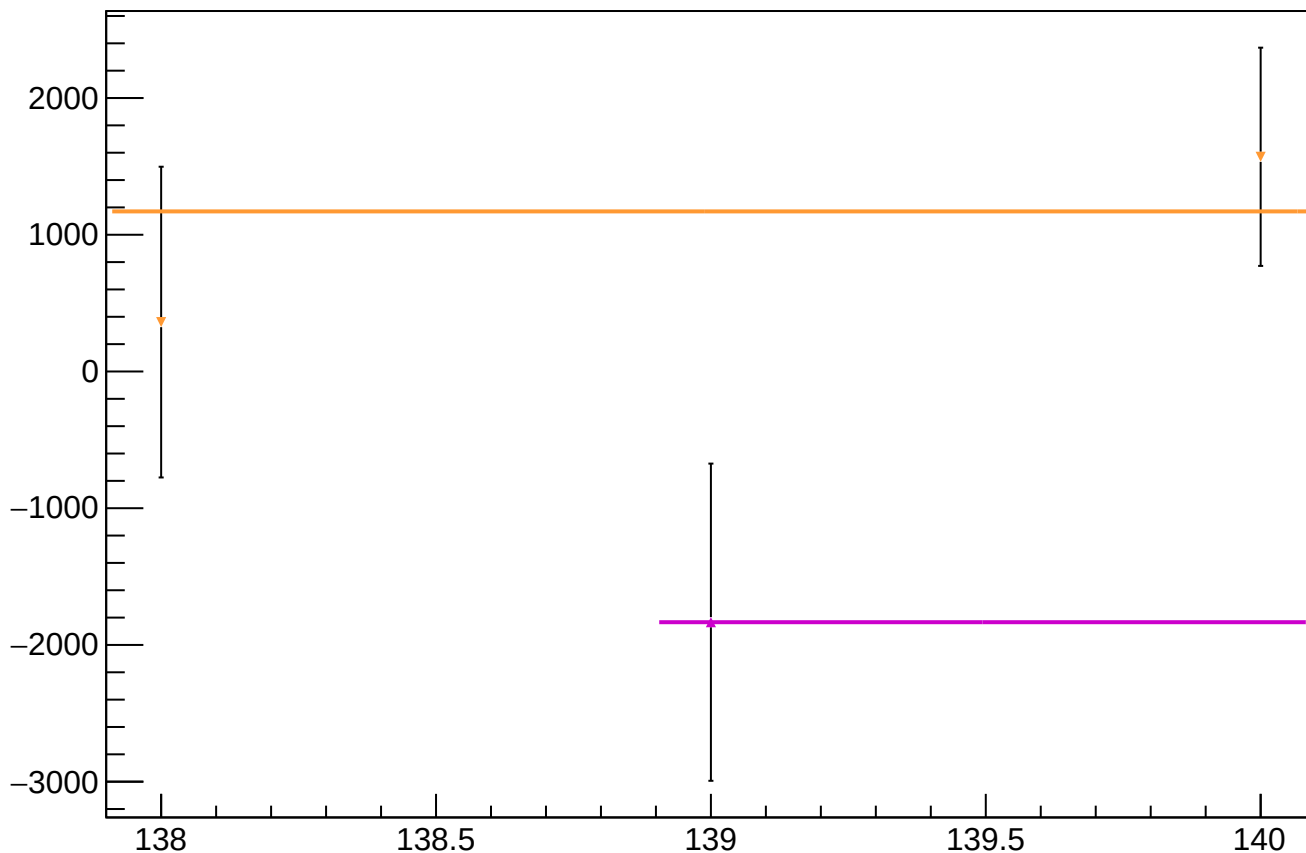
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1033.130+/-0.819 χ^2/NDF : 0.0/0

Out: 795.161+/-0.463 χ^2/NDF : 81409.8/1

All: 852.874+/-0.403 χ^2/NDF : 145382.3/2

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1170.797+/-653.093 χ^2/NDF : 0.8/1

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

Left In: -1833.674+/-1159.934 χ^2/NDF : 0.0/0

Left: 447.595+/-569.087 χ^2/NDF : 5.9/2

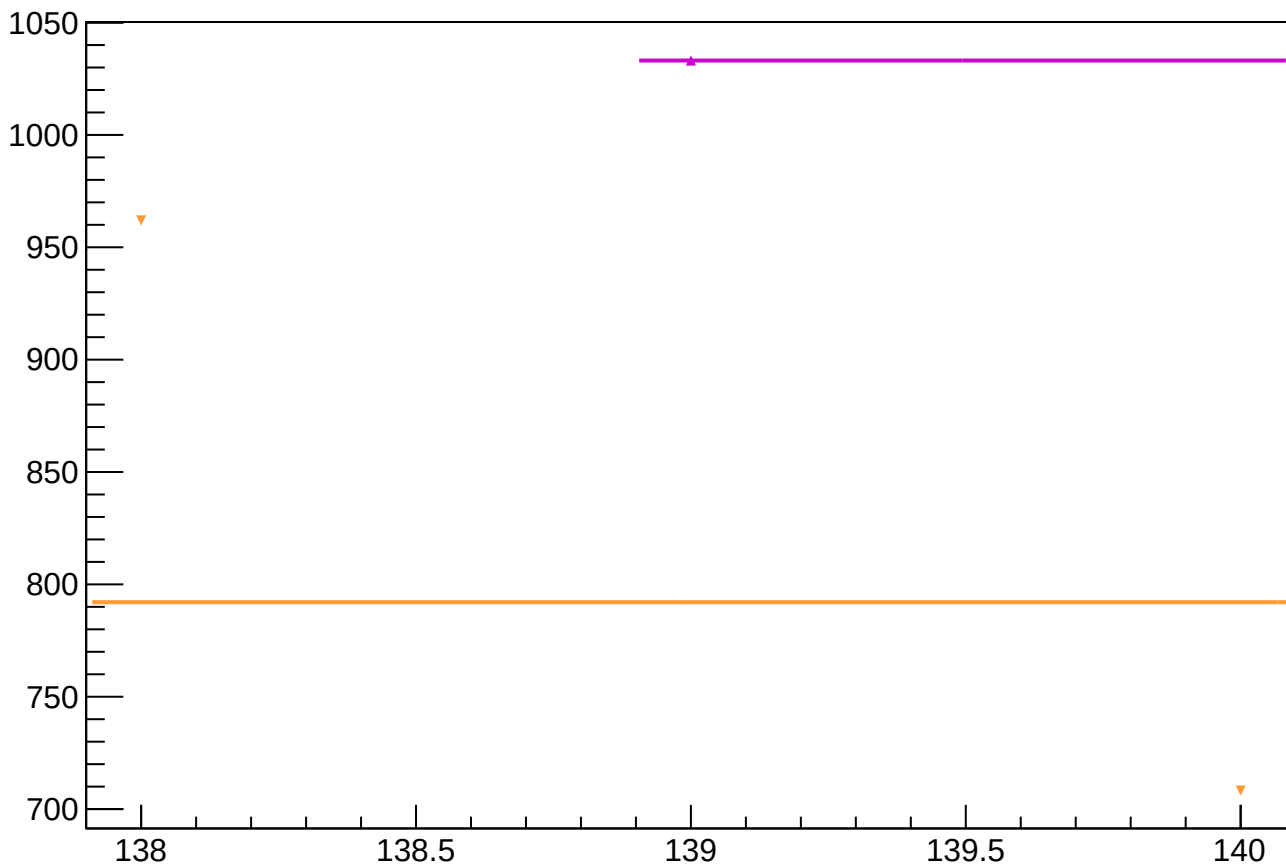
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1833.674+/-1159.934 χ^2/NDF : 0.0/0

Out: 1170.797+/-653.093 χ^2/NDF : 0.8/1

All: 447.595+/-569.087 χ^2/NDF : 5.9/2

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 792.077+/-0.462 χ^2/NDF : 66777.2/1

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

Left In: 1033.115+/-0.820 χ^2/NDF : 0.0/0

Left: 850.097+/-0.402 χ^2/NDF : 132352.6/2

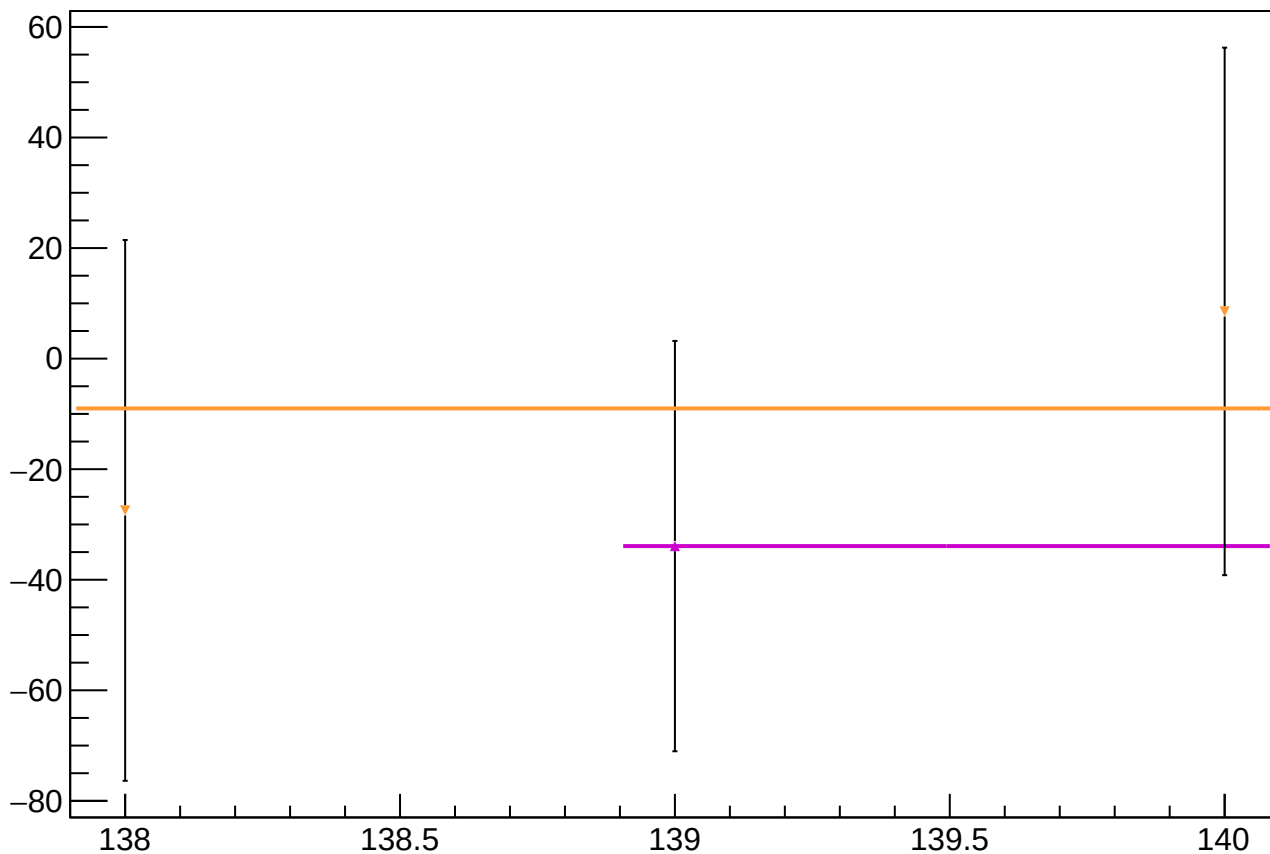
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1033.115+/-0.820 χ^2/NDF : 0.0/0

Out: 792.077+/-0.462 χ^2/NDF : 66777.2/1

All: 850.097+/-0.402 χ^2/NDF : 132352.6/2

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: -9.010+/-34.155 χ^2/NDF : 0.3/1

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

Left In: -33.915+/-37.112 χ^2/NDF : 0.0/0

Left: -20.431+/-25.132 χ^2/NDF : 0.5/2

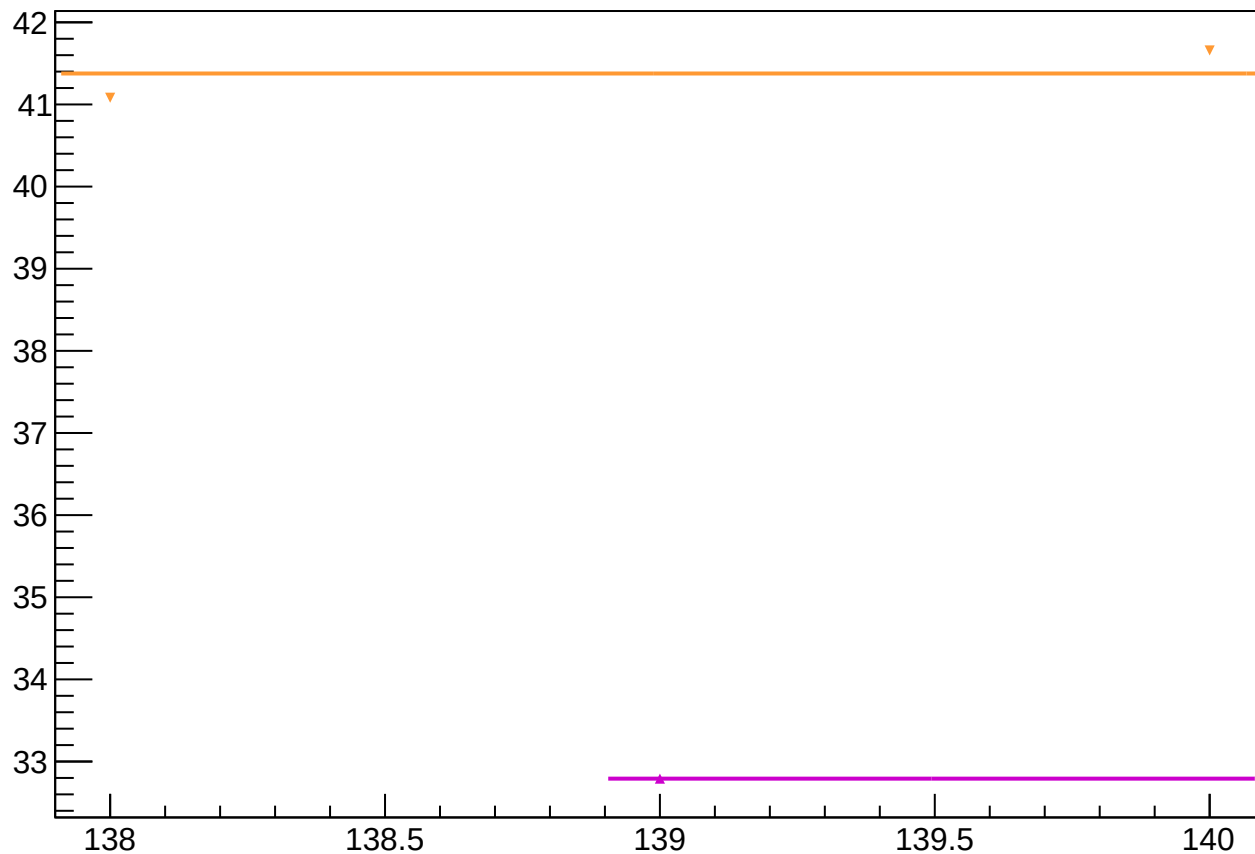
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.915+/-37.112 χ^2/NDF : 0.0/0

Out: -9.010+/-34.155 χ^2/NDF : 0.3/1

All: -20.431+/-25.132 χ^2/NDF : 0.5/2

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: 41.377+/-0.024 χ^2/NDF :142.0/1

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

Left In: 32.792+/-0.026 χ^2/NDF :0.0/0

Left: 37.440+/-0.018 χ^2/NDF : 58091.8/2

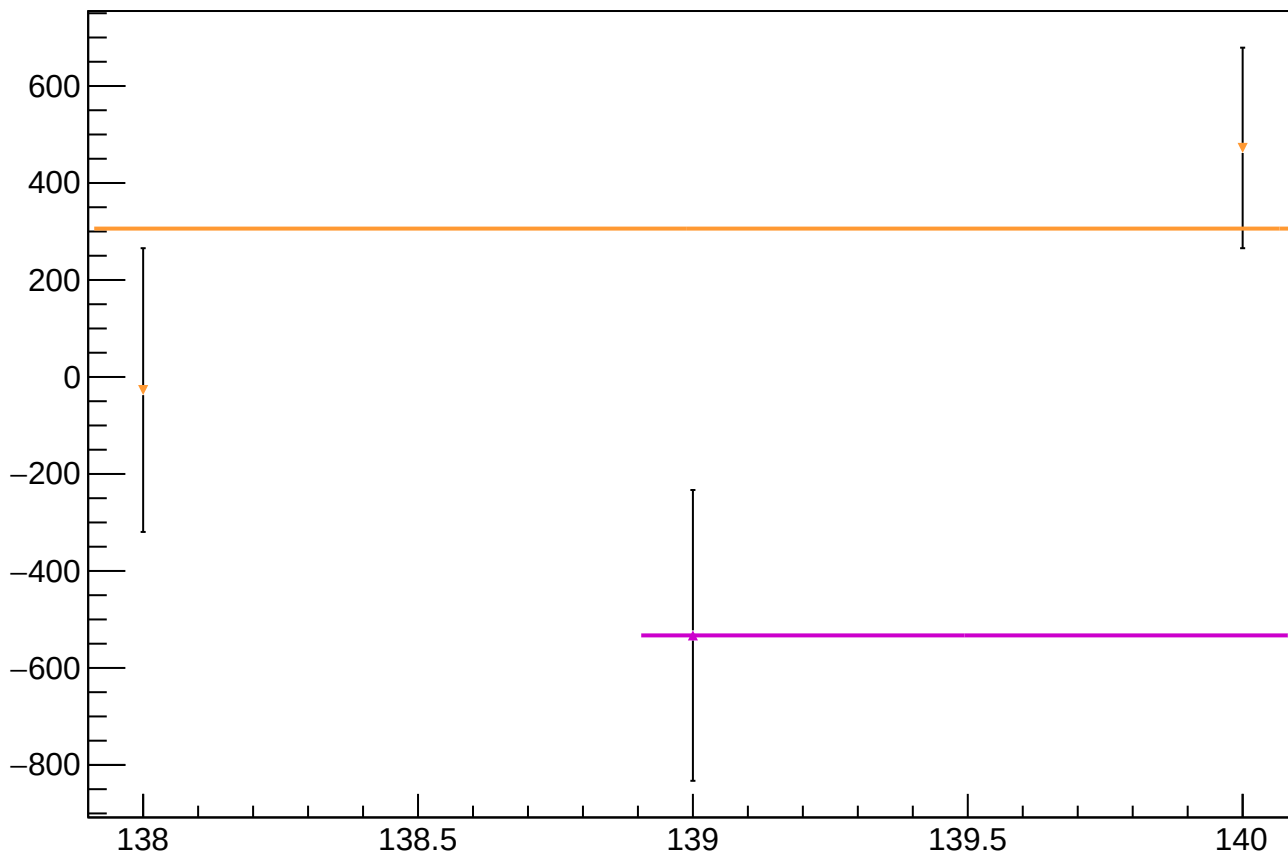
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.792+/-0.026 χ^2/NDF :0.0/0

Out: 41.377+/-0.024 χ^2/NDF :142.0/1

All: 37.440+/-0.018 χ^2/NDF : 58091.8/2

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: 305.974+/-168.843 χ^2/NDF :1.9/1

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

Left In: -532.890+/-299.816 χ^2/NDF :0.0/0

Left: 103.991+/-147.118 χ^2/NDF : 7.9/2

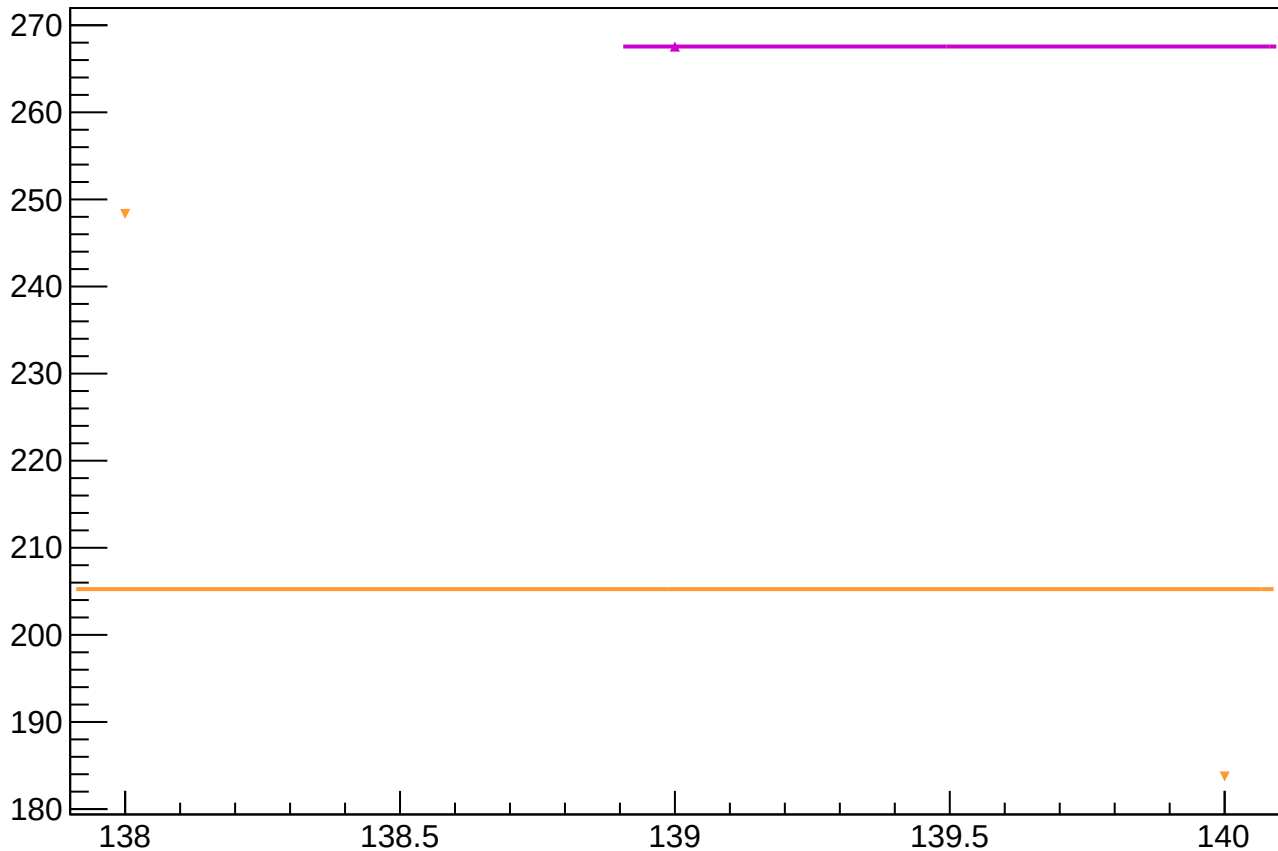
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -532.890+/-299.816 χ^2/NDF :0.0/0

Out: 305.974+/-168.843 χ^2/NDF :1.9/1

All: 103.991+/-147.118 χ^2/NDF : 7.9/2

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 205.253 $\pm$ 0.119 χ^2 /NDF:65024.9/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 267.556 $\pm$ 0.212 χ^2 /NDF:0.0/0

Left: 220.254 $\pm$ 0.104 χ^2 /NDF: 130596.2/2

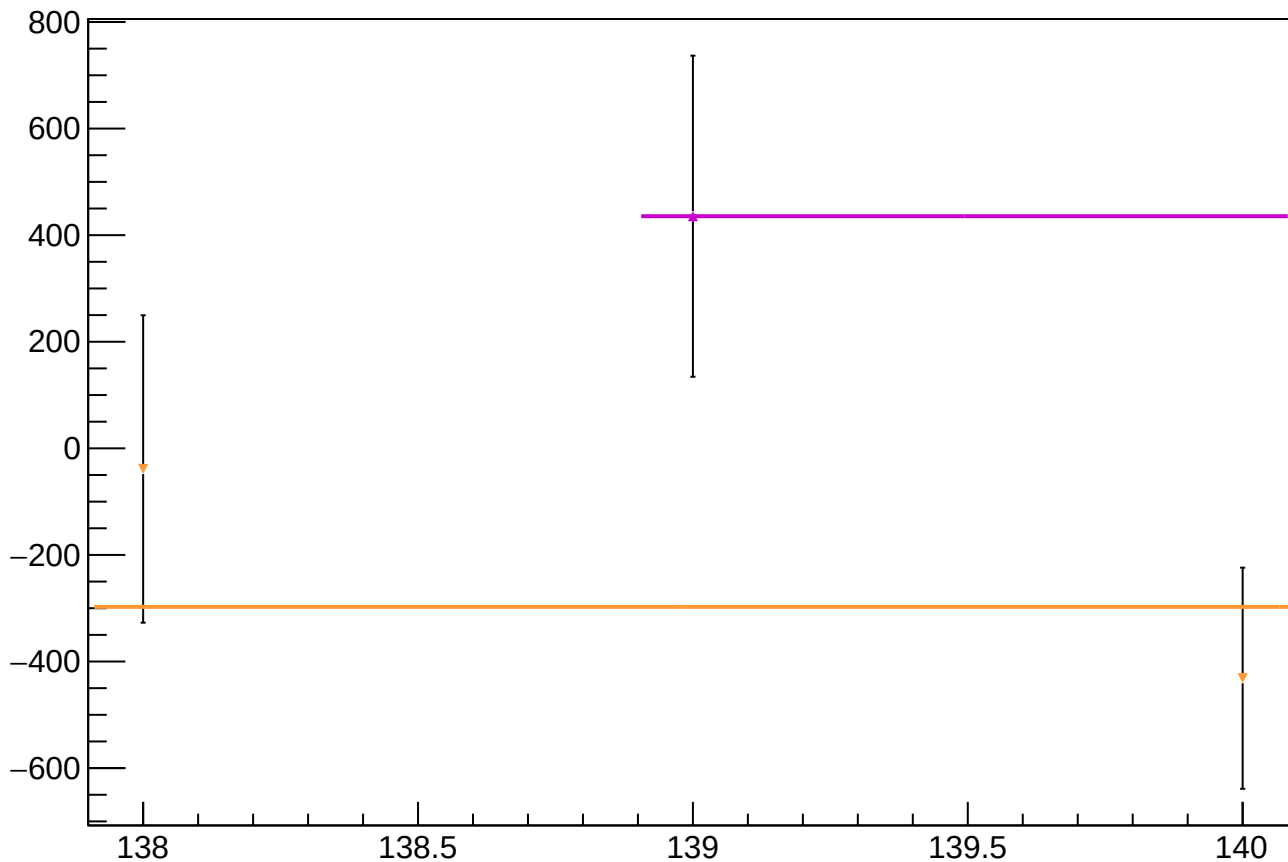
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 267.556 $\pm$ 0.212 χ^2 /NDF:0.0/0

Out: 205.253 $\pm$ 0.119 χ^2 /NDF:65024.9/1

All: 220.254 $\pm$ 0.104 χ^2 /NDF: 130596.2/2

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -297.454 $\pm$ 168.417 χ^2/NDF : 1.2/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 435.560 $\pm$ 301.235 χ^2/NDF : 0.0/0

Left: -122.893 $\pm$ 147.002 χ^2/NDF : 5.7/2

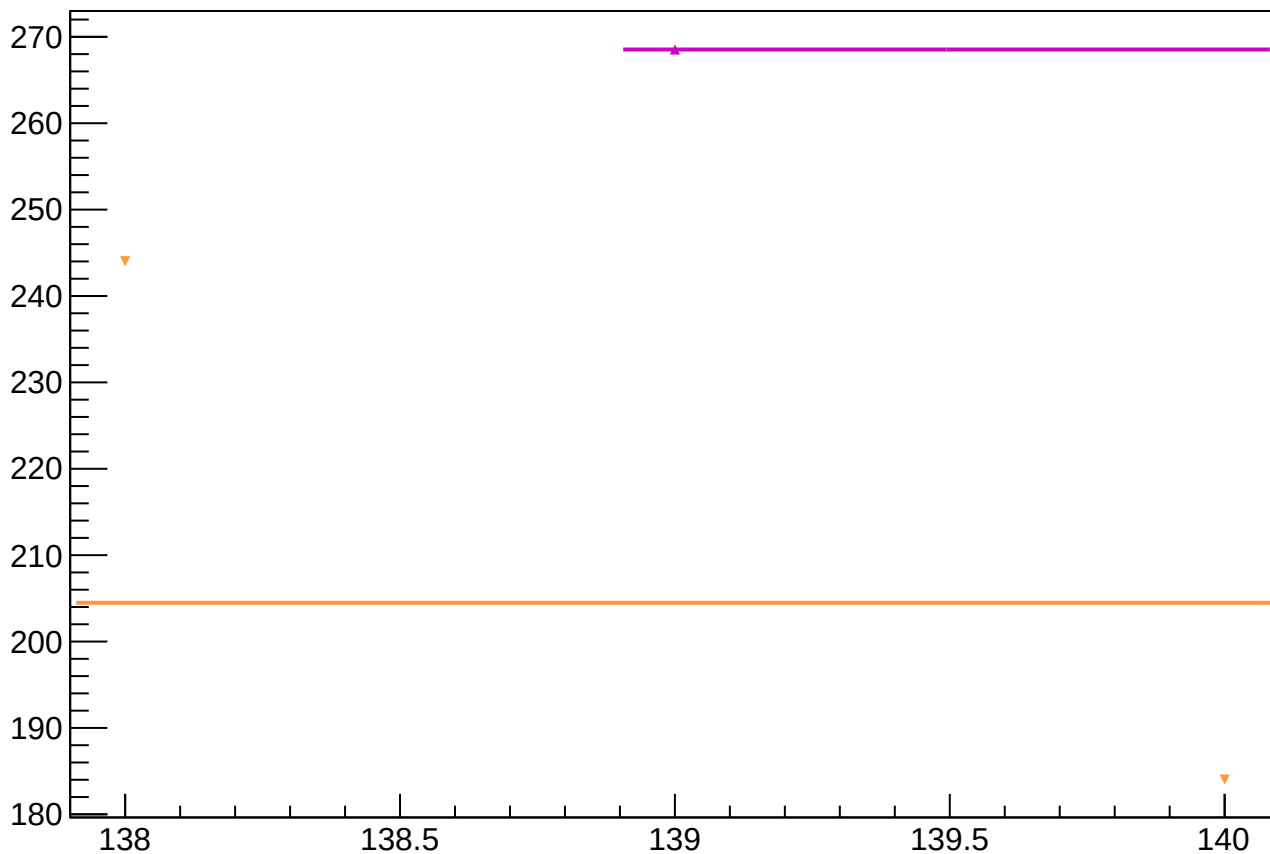
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 435.560 $\pm$ 301.235 χ^2/NDF : 0.0/0

Out: -297.454 $\pm$ 168.417 χ^2/NDF : 1.2/1

All: -122.893 $\pm$ 147.002 χ^2/NDF : 5.7/2

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 204.488+/-0.119 χ^2/NDF : 57042.0/1

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

Left In: 268.534+/-0.213 χ^2/NDF : 0.0/0

Left: 219.740+/-0.104 χ^2/NDF : 125919.3/2

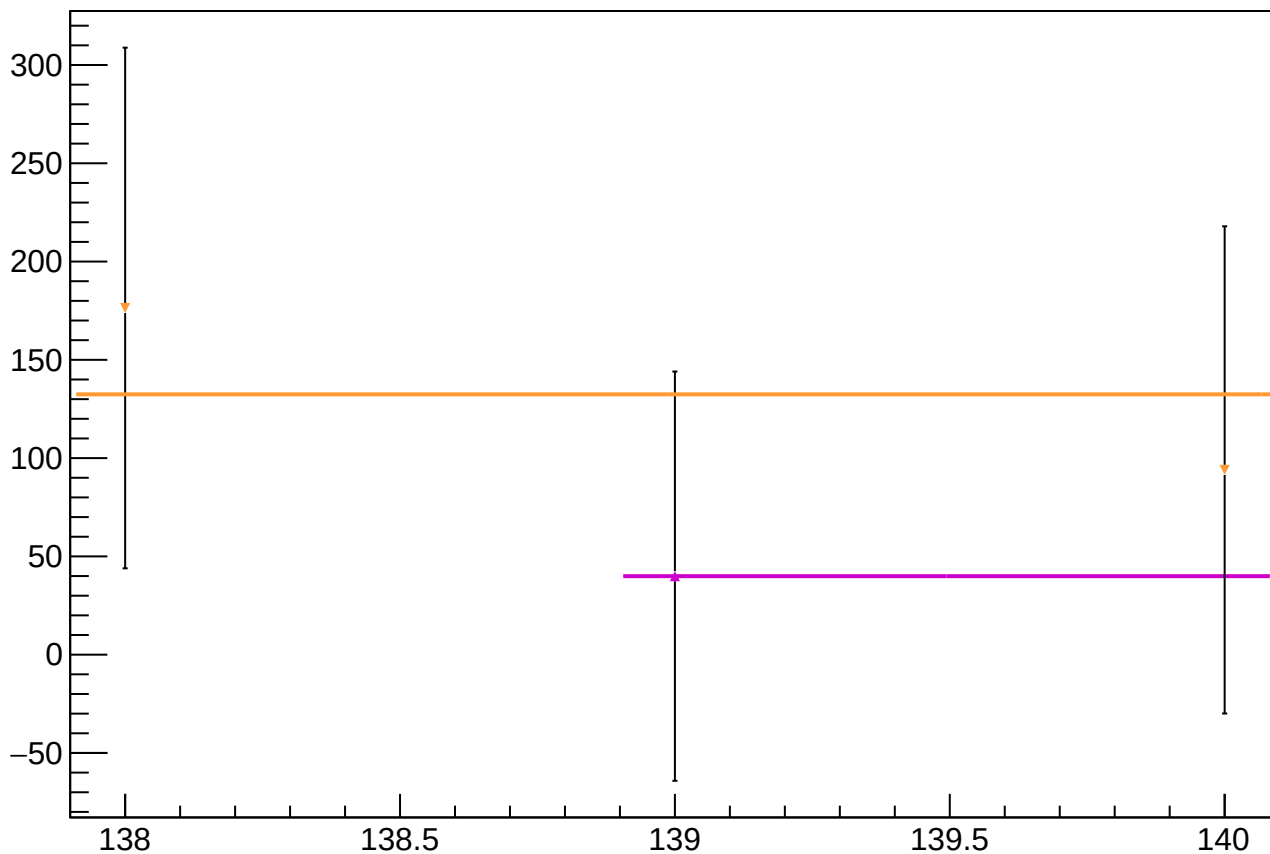
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.534+/-0.213 χ^2/NDF : 0.0/0

Out: 204.488+/-0.119 χ^2/NDF : 57042.0/1

All: 219.740+/-0.104 χ^2/NDF : 125919.3/2

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 132.451+/-90.491 χ^2/NDF : 0.2/1

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

Left In: 39.941+/-104.110 χ^2/NDF : 0.0/0

Left: 92.638+/-68.298 χ^2/NDF : 0.7/2

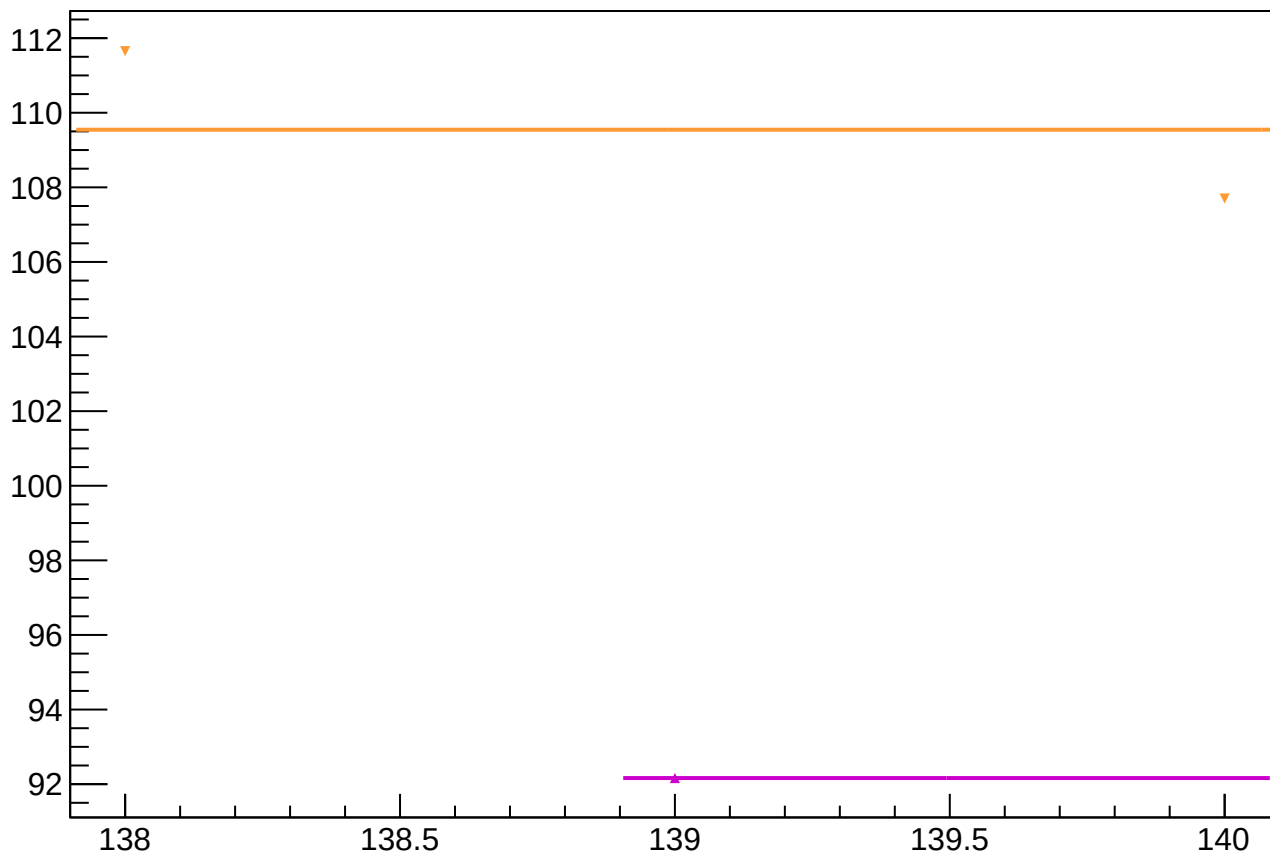
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.941+/-104.110 χ^2/NDF : 0.0/0

Out: 132.451+/-90.491 χ^2/NDF : 0.2/1

All: 92.638+/-68.298 χ^2/NDF : 0.7/2

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 109.545+/-0.064 χ^2/NDF : 948.4/1

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

Left In: 92.164+/-0.074 χ^2/NDF : 0.0/0

Left: 102.065+/-0.048 χ^2/NDF : 32702.9/2

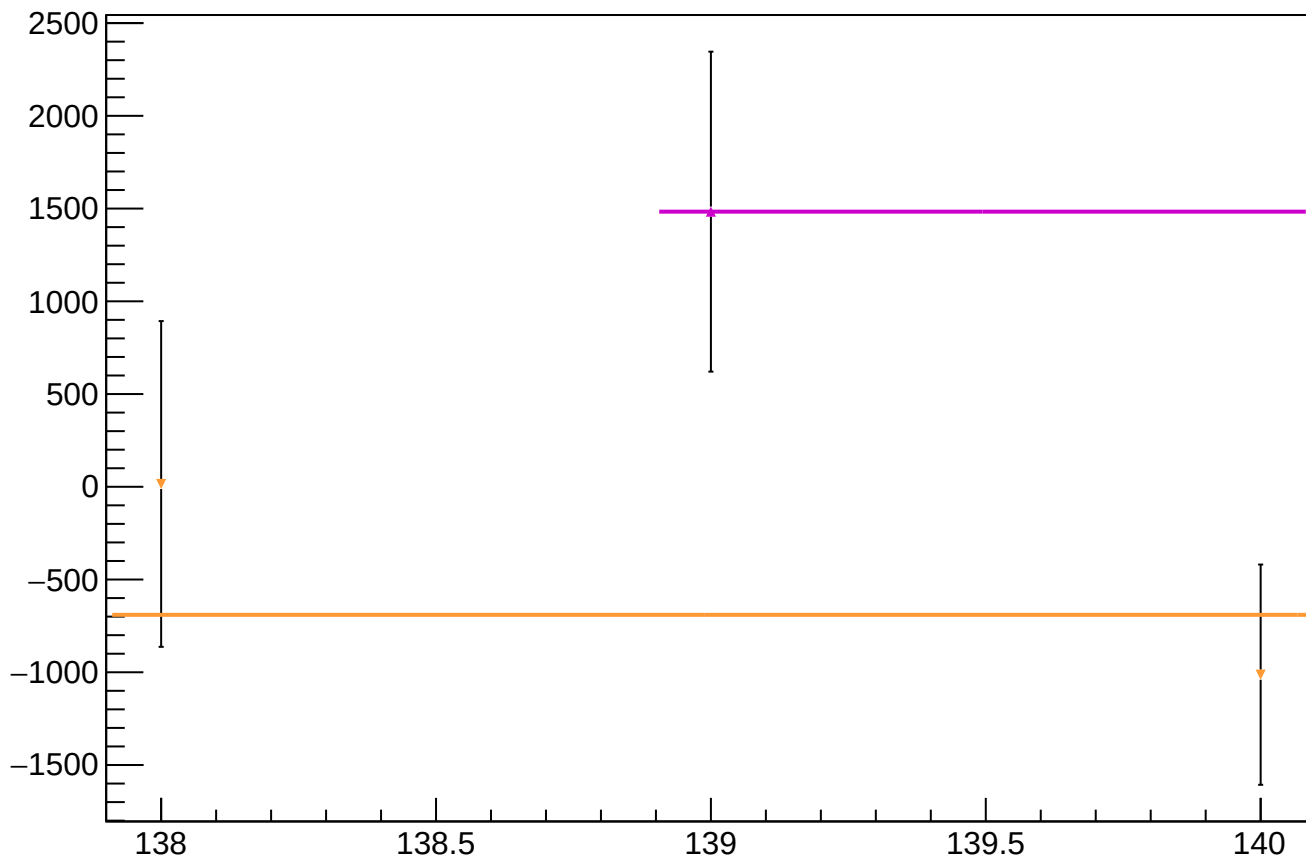
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.164+/-0.074 χ^2/NDF : 0.0/0

Out: 109.545+/-0.064 χ^2/NDF : 948.4/1

All: 102.065+/-0.048 χ^2/NDF : 32702.9/2

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -690.377+/-491.857 χ^2/NDF : 0.9/1

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

Left In: 1483.398+/-862.522 χ^2/NDF : 0.0/0

Left: -156.951+/-427.268 χ^2/NDF : 5.7/2

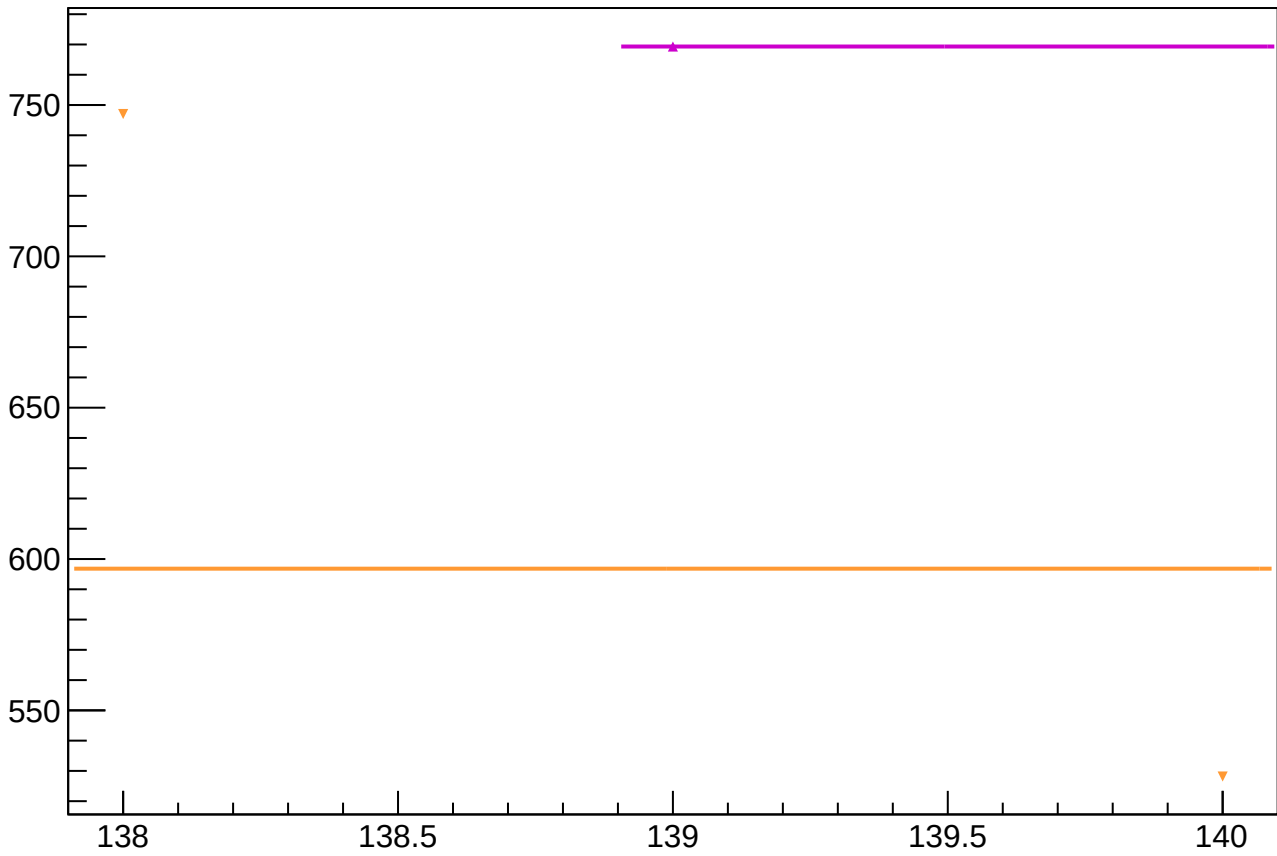
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1483.398+/-862.522 χ^2/NDF : 0.0/0

Out: -690.377+/-491.857 χ^2/NDF : 0.9/1

All: -156.951+/-427.268 χ^2/NDF : 5.7/2

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 596.816+/-0.348 χ^2/NDF :85279.0/1

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

Left In: 769.326+/-0.610 χ^2/NDF :0.0/0

Left: 639.149+/-0.302 χ^2/NDF : 145651.8/2

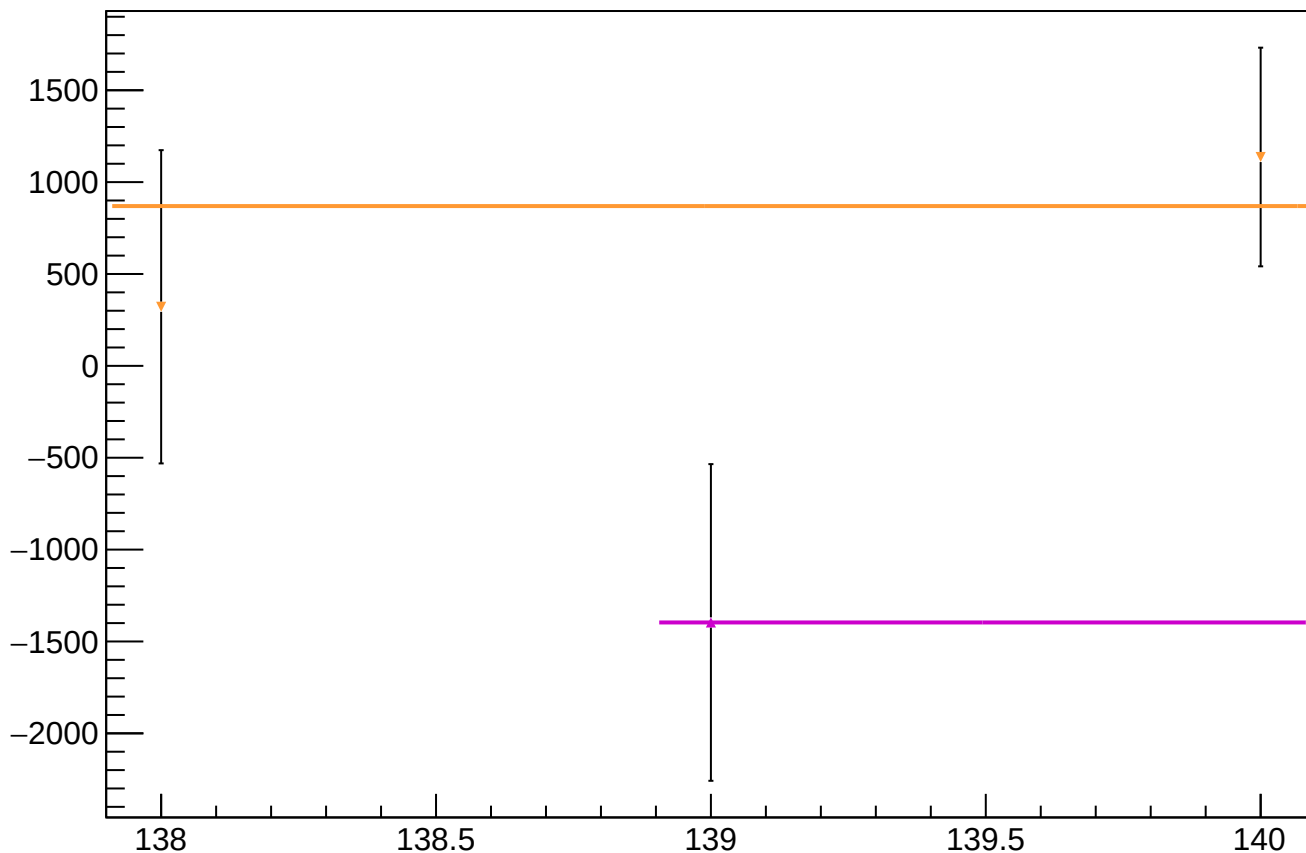
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 769.326+/-0.610 χ^2/NDF :0.0/0

Out: 596.816+/-0.348 χ^2/NDF :85279.0/1

All: 639.149+/-0.302 χ^2/NDF : 145651.8/2

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 869.608+/-487.929 χ^2/NDF : 0.6/1

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

Left In: -1396.501+/-861.762 χ^2/NDF : 0.0/0

Left: 319.493+/-424.594 χ^2/NDF : 5.9/2

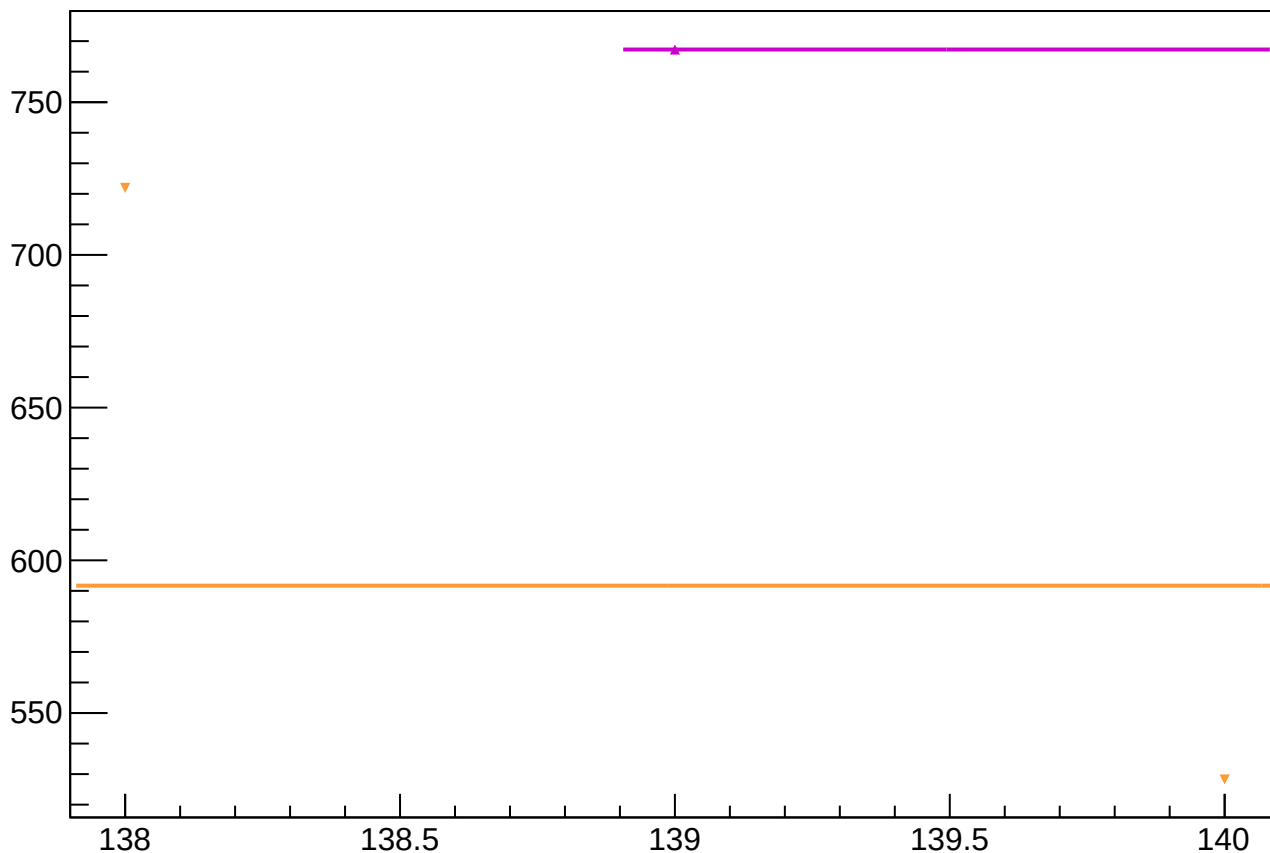
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1396.501+/-861.762 χ^2/NDF : 0.0/0

Out: 869.608+/-487.929 χ^2/NDF : 0.6/1

All: 319.493+/-424.594 χ^2/NDF : 5.9/2

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 591.696+/-0.345 χ^2/NDF : 69446.2/1

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

Left In: 767.248+/-0.609 χ^2/NDF : 0.0/0

Left: 634.312+/-0.300 χ^2/NDF : 132296.3/2

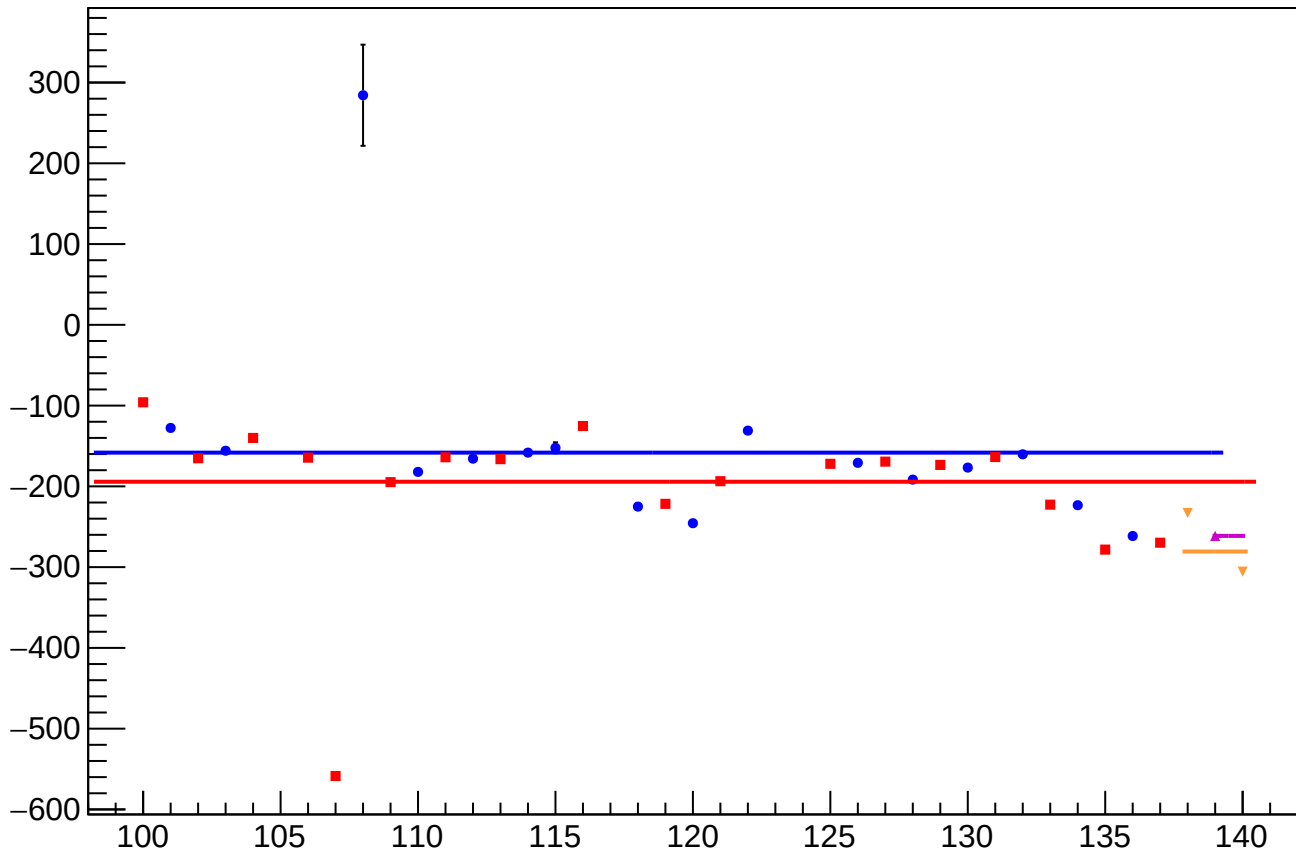
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 767.248+/-0.609 χ^2/NDF : 0.0/0

Out: 591.696+/-0.345 χ^2/NDF : 69446.2/1

All: 634.312+/-0.300 χ^2/NDF : 132296.3/2

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 117166.2/15$

Left Out: -280.668 ± 0.495 $\chi^2/\text{NDF}: 4849.4/1$

Right Out: -194.268 ± 0.165 $\chi^2/\text{NDF}: 176560.4/17$

Left In: -261.345 ± 0.928 $\chi^2/\text{NDF}: 0.0/0$

Left: -276.391 ± 0.436 $\chi^2/\text{NDF}: 5187.3/2$

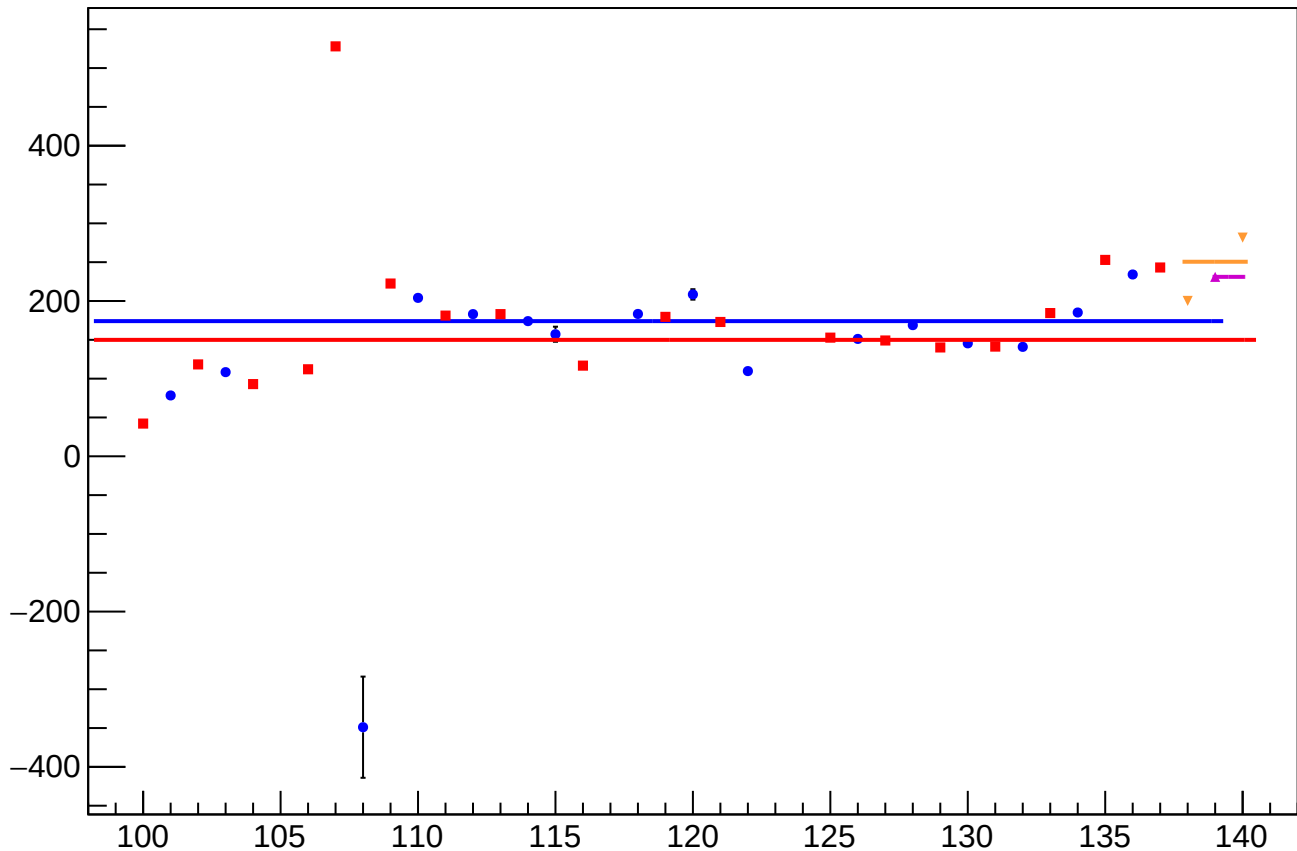
Right: -158.222 ± 0.000 $\chi^2/\text{NDF}: 341369.6/33$

In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 129526.8/16$

Out: -202.936 ± 0.157 $\chi^2/\text{NDF}: 208871.8/19$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 419887.0/36$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 250.558+/-0.526 χ^2/NDF : 5662.8/1

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

Left In: 231.108+/-1.013 χ^2/NDF : 0.0/0

Left: 246.429+/-0.467 χ^2/NDF : 5952.9/2

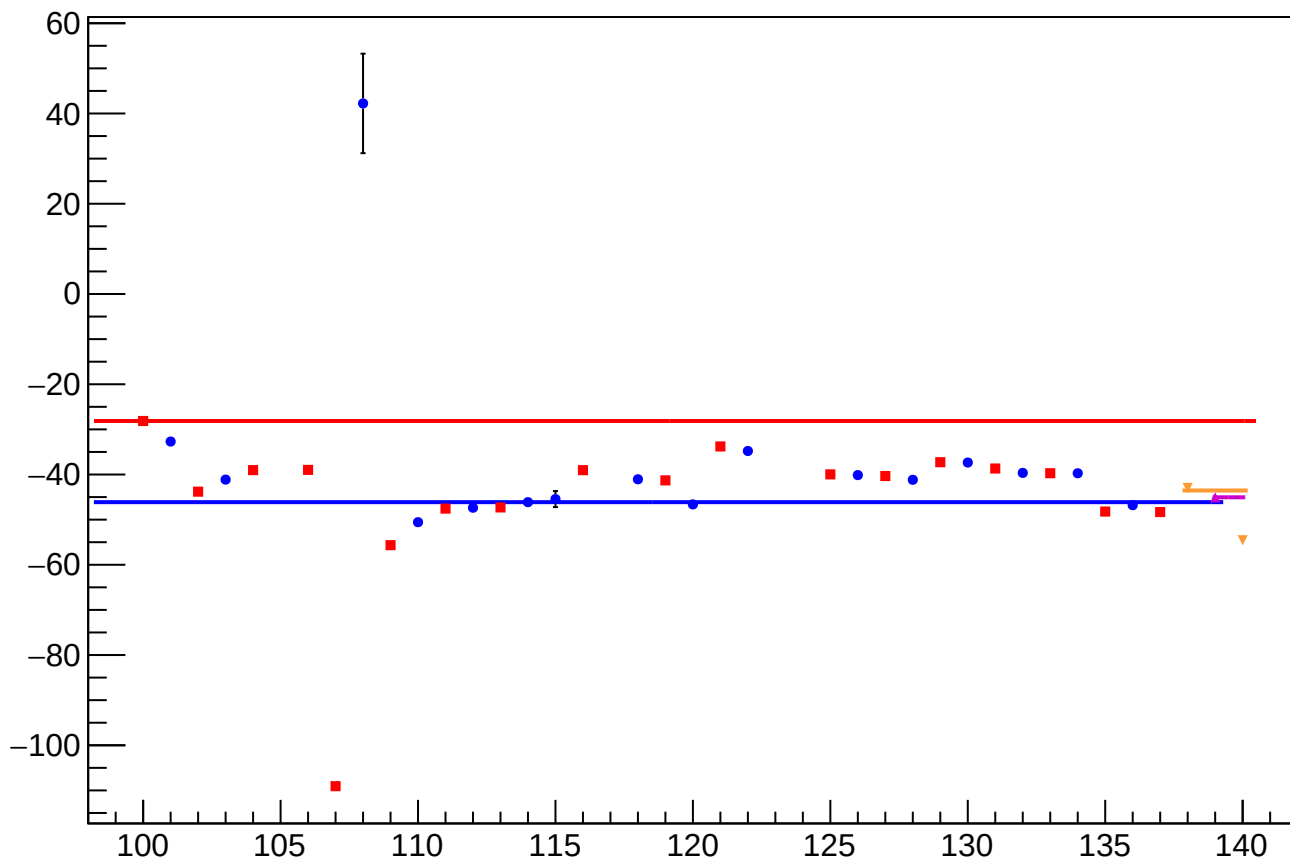
Right: 174.085+/-0.000 χ^2/NDF : 236460.5/33

In: 174.085+/-0.000 χ^2/NDF : 56543.2/16

Out: 162.159+/-0.183 χ^2/NDF : 205640.5/19

All: 174.085+/-0.000 χ^2/NDF : 266417.0/36

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -43.538 ± 0.018 χ^2/NDF : 18907.5/1

Right Out: -28.139 ± 0.000 χ^2/NDF : 746939.9/17

Left In: -45.050 ± 0.112 χ^2/NDF : 0.0/0

Left: -43.577 ± 0.018 χ^2/NDF : 19084.5/2

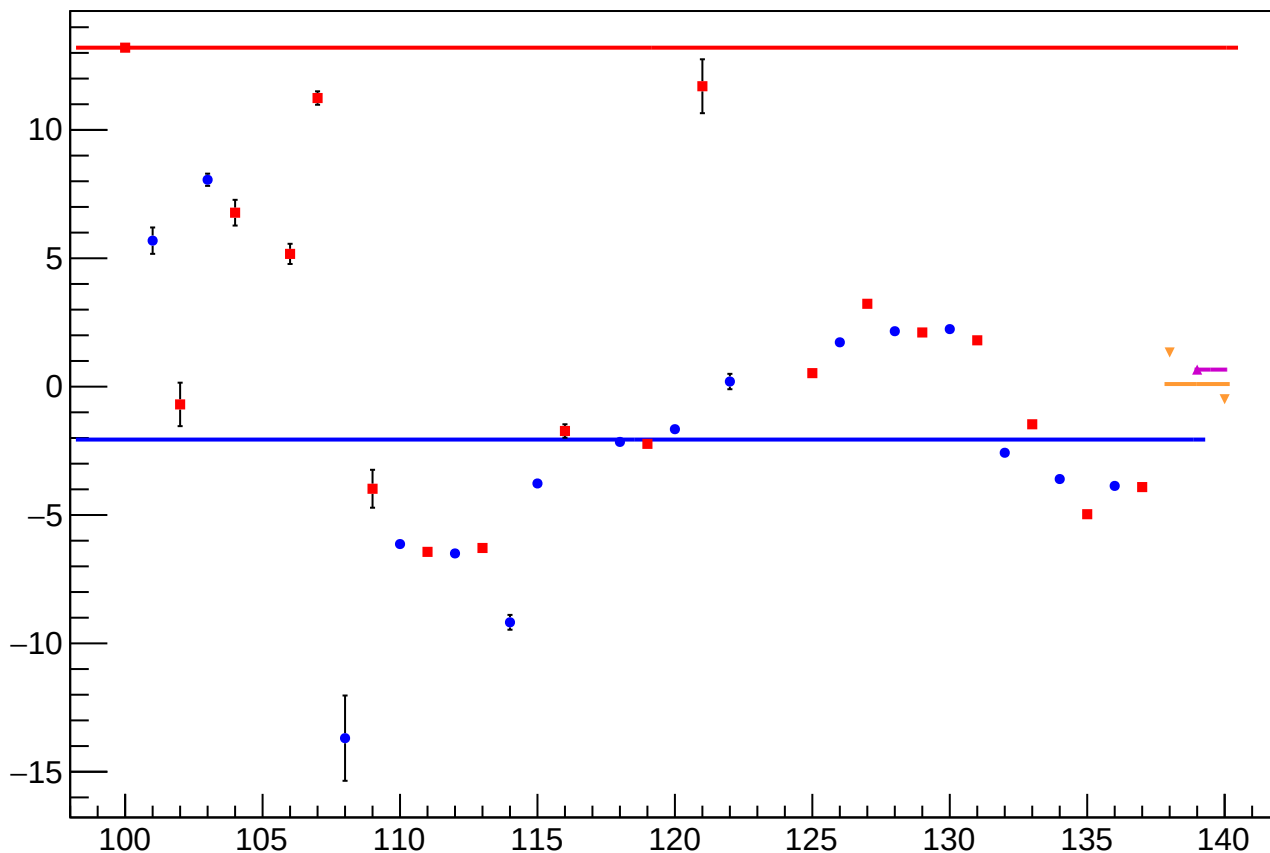
Right: -39.778 ± 0.000 χ^2/NDF : 248795993231659

In: -46.126 ± 0.000 χ^2/NDF : 201365.8/16

Out: -28.139 ± 0.000 χ^2/NDF : 1479105.5/19

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 $\chi^2/\text{NDF}: 25665.1/15$

Left Out: 0.102 ± 0.028 $\chi^2/\text{NDF}: 921.4/1$

Right Out: 13.204 ± 0.000 $\chi^2/\text{NDF}: 509721.0/17$

Left In: 0.664 ± 0.045 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.261 ± 0.024 $\chi^2/\text{NDF}: 1035.1/2$

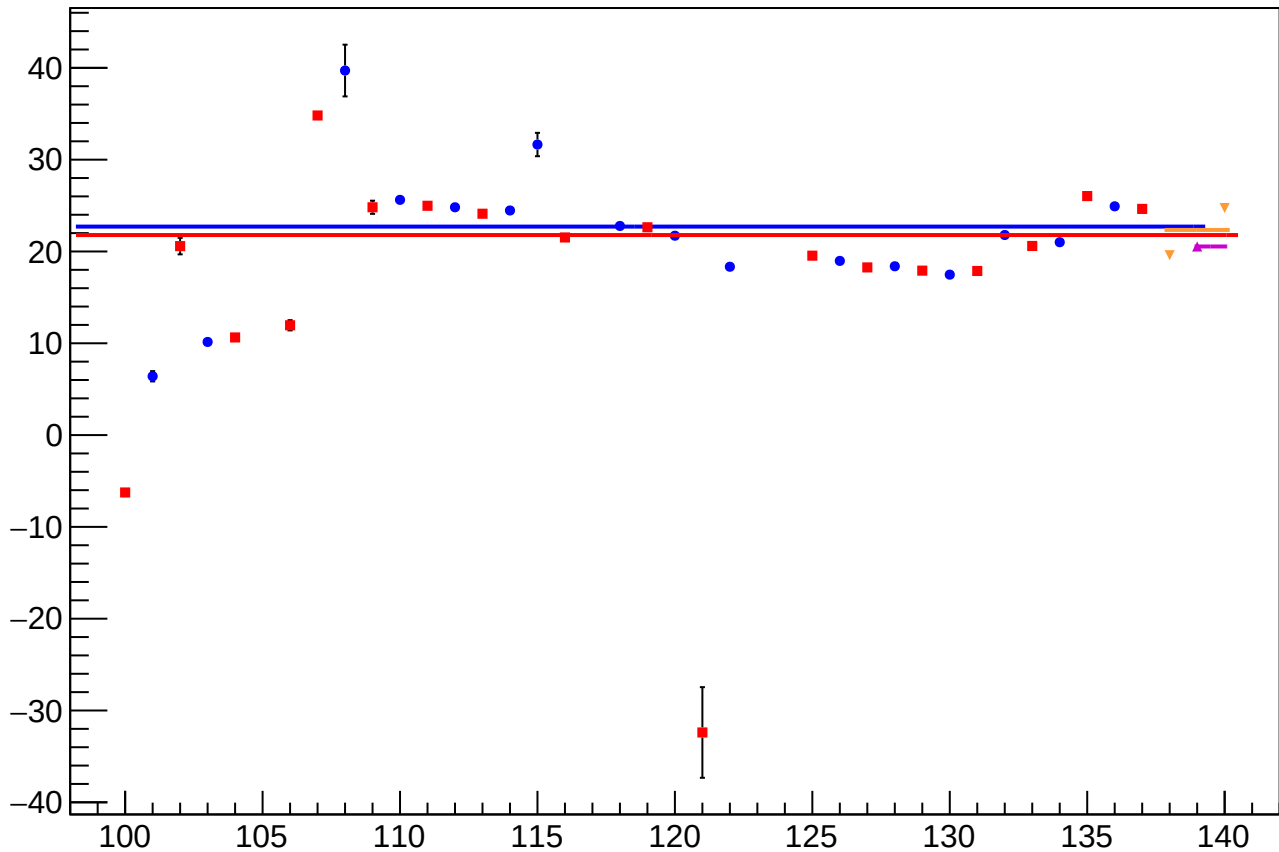
Right: 13.204 ± 0.000 $\chi^2/\text{NDF}: 1268800.5/33$

In: -1.686 ± 0.017 $\chi^2/\text{NDF}: 28880.4/16$

Out: 13.204 ± 0.000 $\chi^2/\text{NDF}: 727957.9/19$

All: 13.204 ± 0.000 $\chi^2/\text{NDF}: 1565983.6/36$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 ± 0.019 χ^2/NDF : 22767.9/15

Left Out: 22.347 ± 0.049 χ^2/NDF : 2769.8/1

Right Out: 21.790 ± 0.022 χ^2/NDF : 26670.9/17

Left In: 20.544 ± 0.075 χ^2/NDF : 0.0/0

Left: 21.813 ± 0.041 χ^2/NDF : 3176.3/2

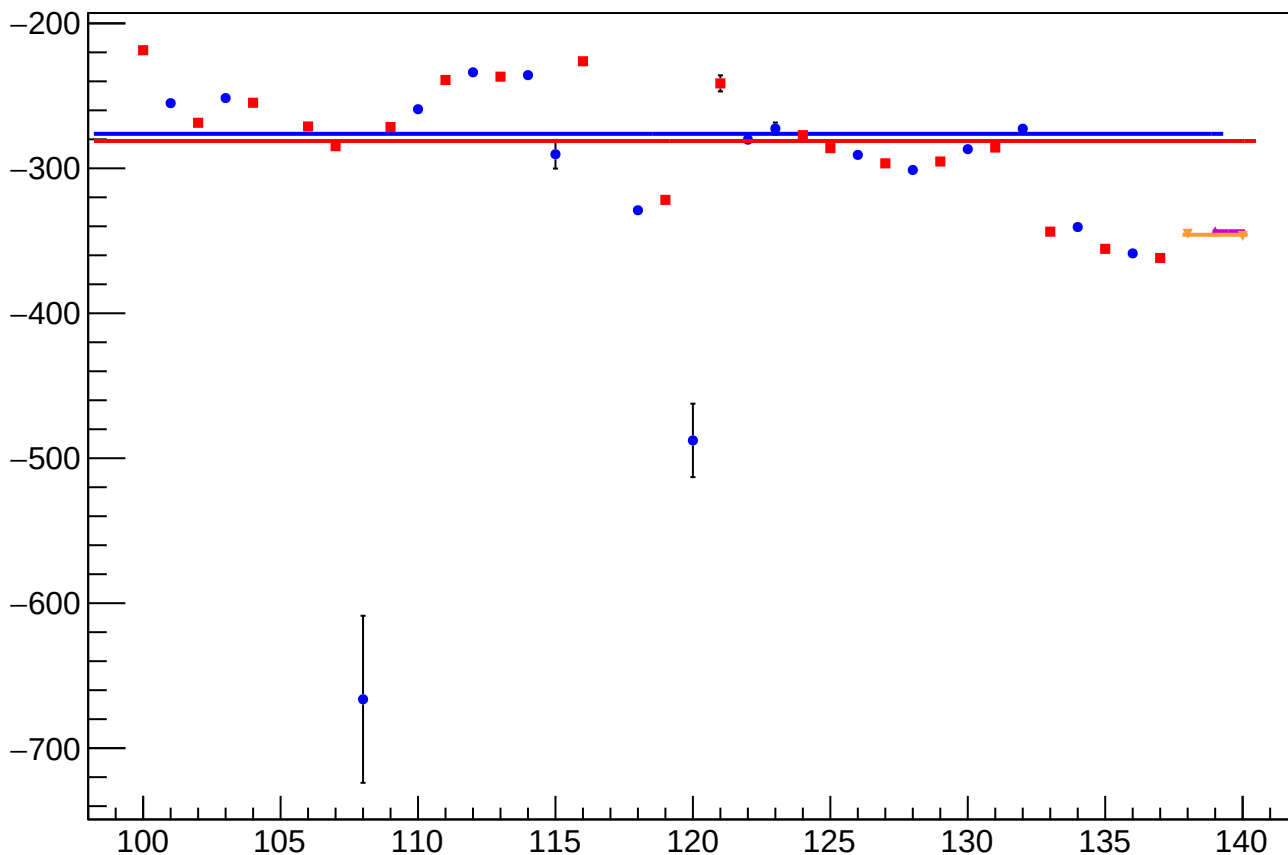
Right: 22.313 ± 0.014 χ^2/NDF : 50478.1/33

In: 22.583 ± 0.018 χ^2/NDF : 23552.9/16

Out: 21.881 ± 0.020 χ^2/NDF : 29550.1/19

All: 22.260 ± 0.013 χ^2/NDF : 53788.6/36

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201 ± 0.167 $\chi^2/\text{NDF}: 58107.7/16$

Left Out: -345.822 ± 0.360 $\chi^2/\text{NDF}: 4.2/1$

Right Out: -281.150 ± 0.148 $\chi^2/\text{NDF}: 77611.5/18$

Left In: -343.392 ± 0.382 $\chi^2/\text{NDF}: 0.0/0$

Left: -344.682 ± 0.262 $\chi^2/\text{NDF}: 25.7/2$

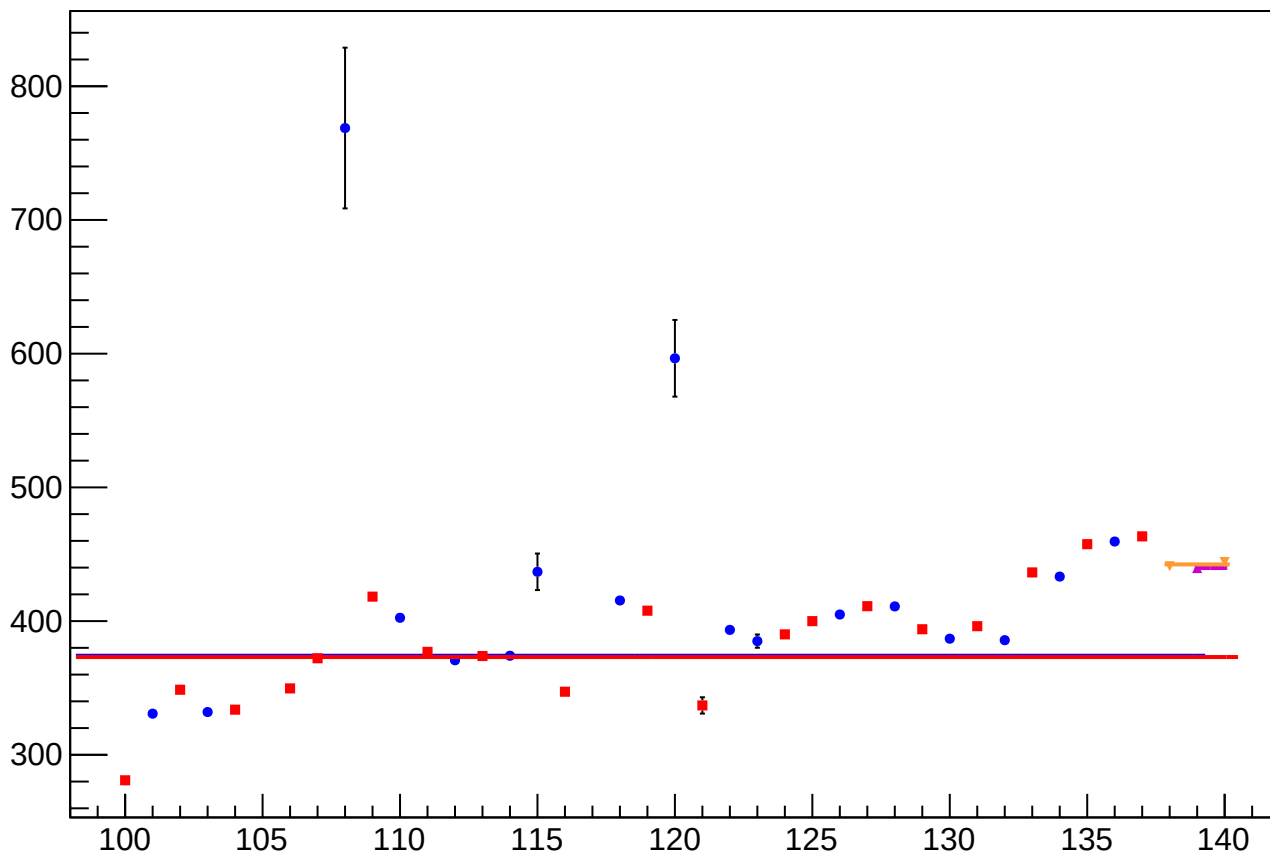
Right: -278.974 ± 0.110 $\chi^2/\text{NDF}: 136213.7/35$

In: -286.914 ± 0.153 $\chi^2/\text{NDF}: 84051.6/17$

Out: -290.473 ± 0.137 $\chi^2/\text{NDF}: 105307.8/20$

All: -288.892 ± 0.102 $\chi^2/\text{NDF}: 189661.2/38$

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 442.407 $\pm$ 0.390 χ^2 /NDF:16.1/1

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

Left In: 439.690 $\pm$ 0.394 χ^2 /NDF:0.0/0

Left: 441.063 $\pm$ 0.277 χ^2 /NDF: 40.1/2

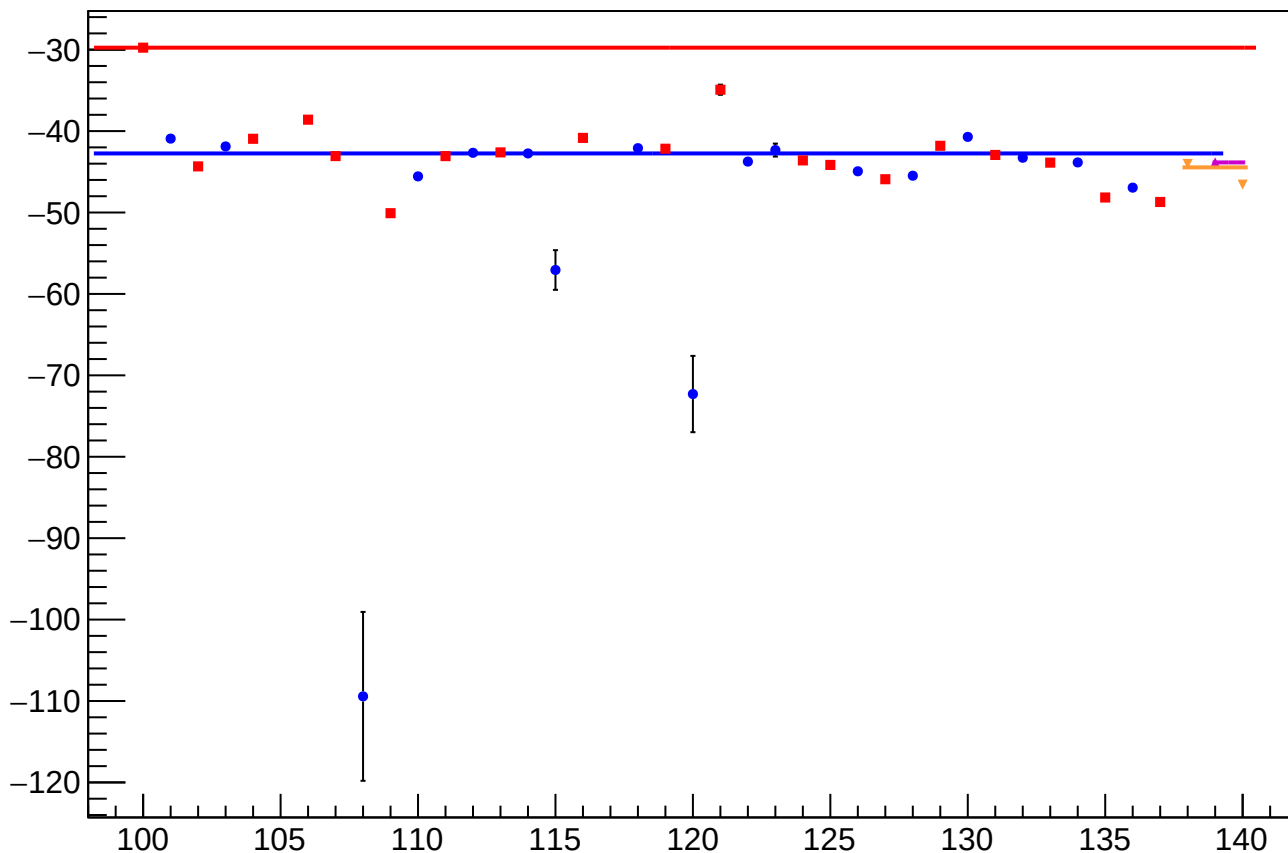
Right: 374.094 $\pm$ 0.000 χ^2 /NDF: 143328.3/35

In: 374.094 $\pm$ 0.000 χ^2 /NDF:62749.2/17

Out: 382.892 $\pm$ 0.146 χ^2 /NDF:135329.7/20

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 201690.4/38

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -44.457+/-0.023 χ^2/NDF :1675.2/1

Right Out: -29.754+/-0.000 χ^2/NDF : 483930.3/18

Left In: -43.849+/-0.026 χ^2/NDF :0.0/0

Left: -44.186+/-0.017 χ^2/NDF : 1987.5/2

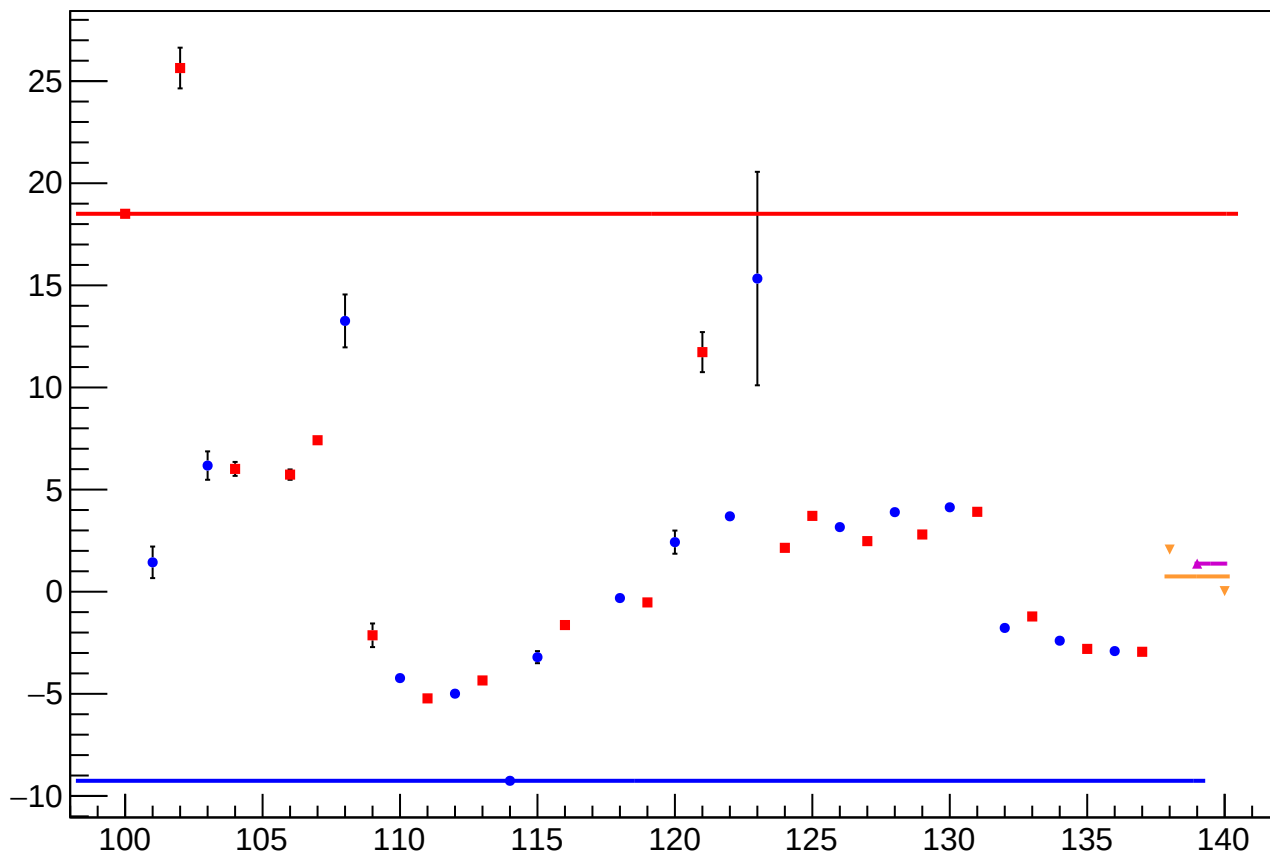
Right: -38.159+/-0.000 χ^2/NDF : 129765212680709

In: -42.744+/-0.000 χ^2/NDF :15121.0/17

Out: -29.754+/-0.000 χ^2/NDF :893528.3/20

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: 0.748 ± 0.021 χ^2/NDF : 2183.6/1

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

Left In: 1.375 ± 0.043 χ^2/NDF : 0.0/0

Left: 0.865 ± 0.019 χ^2/NDF : 2354.0/2

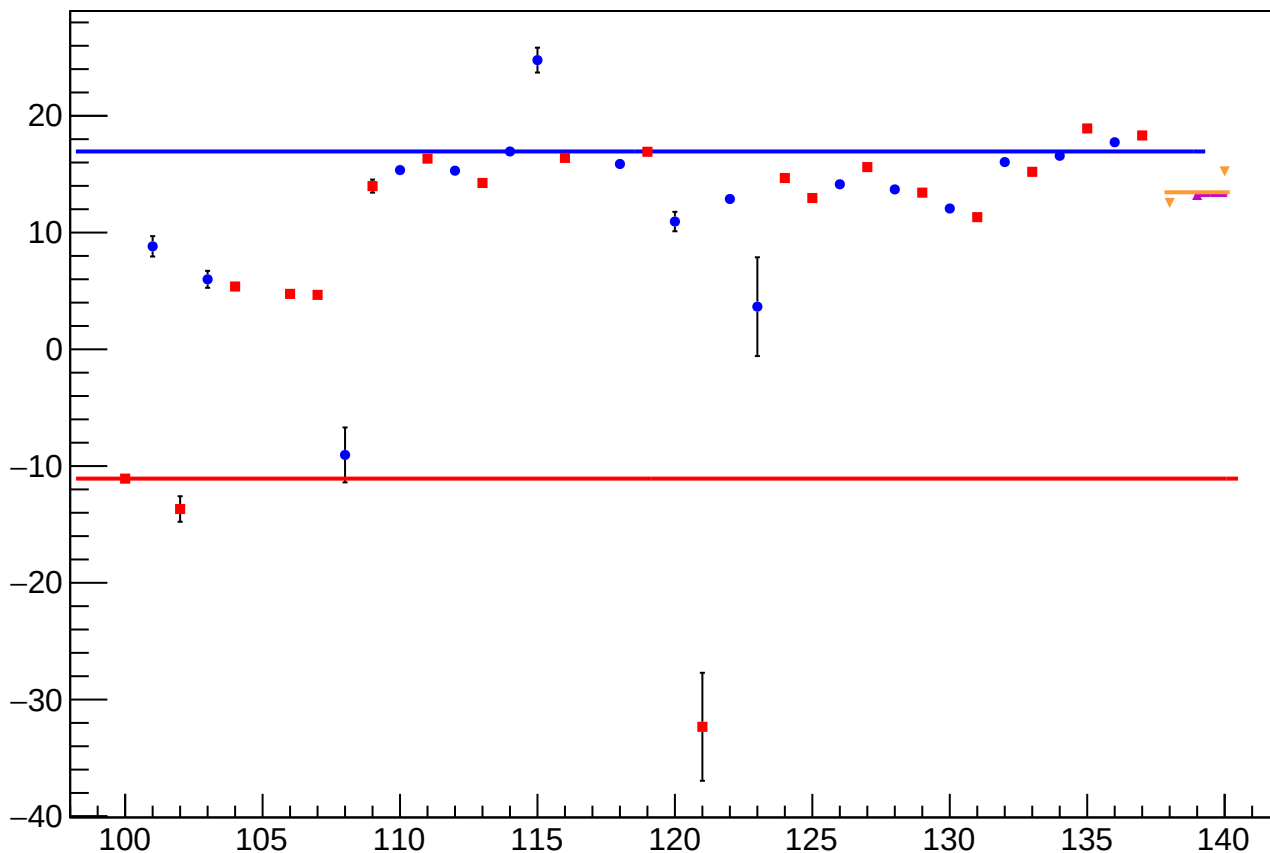
Right: 6.039 ± 0.000 χ^2/NDF : 16450574505955581

In: -9.259 ± 0.000 χ^2/NDF : 466072.5/17

Out: 18.504 ± 0.000 χ^2/NDF : 8096805.8/20

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: 13.451 $\pm$ 0.024 χ^2 /NDF:2946.8/1

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

Left In: 13.221 $\pm$ 0.043 χ^2 /NDF:0.0/0

Left: 13.399 $\pm$ 0.021 χ^2 /NDF: 2968.6/2

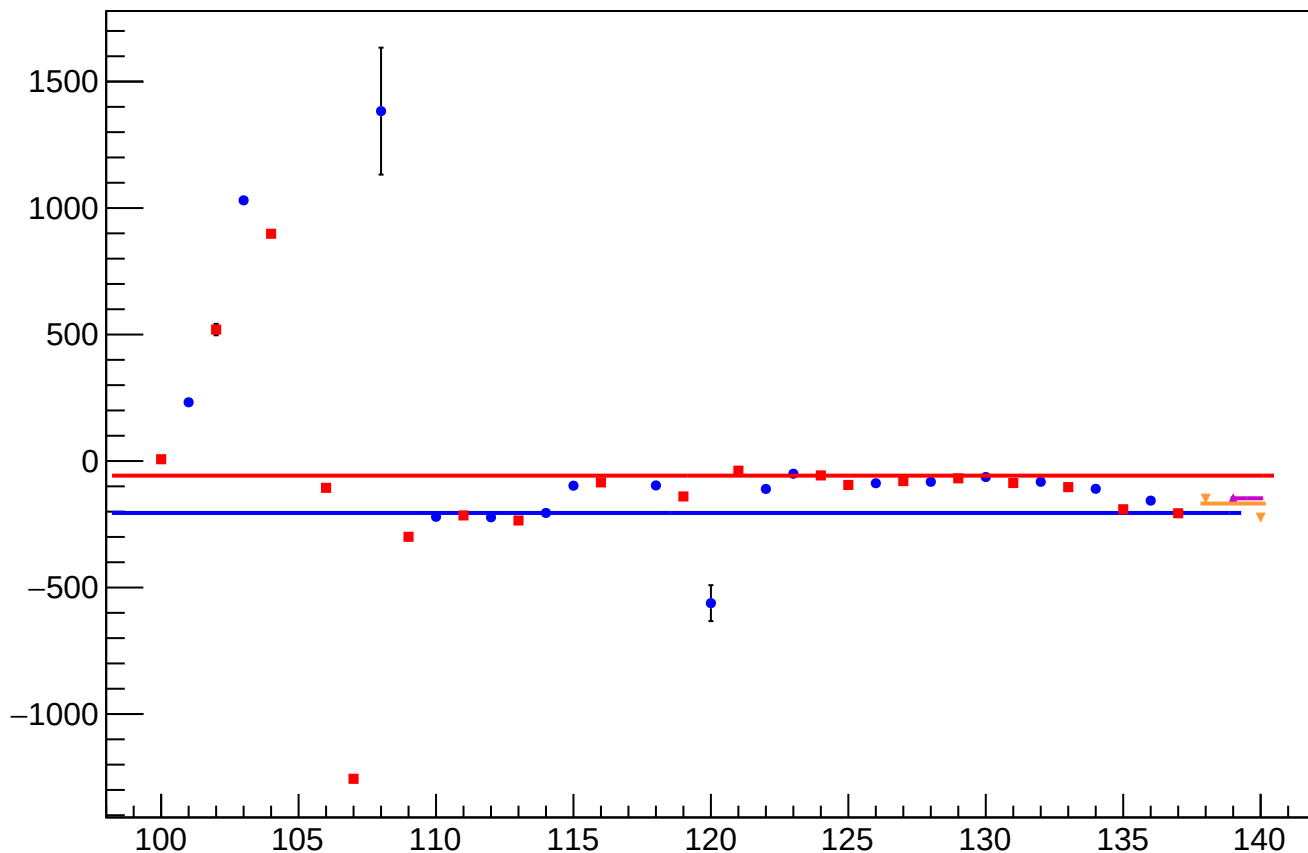
Right: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635666

In: 16.947 $\pm$ 0.000 χ^2 /NDF:18633.8/17

Out: -11.075 $\pm$ 0.000 χ^2 /NDF:3803630.6/20

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 582775.6/16$

Left Out: -168.044 ± 0.608 $\chi^2/\text{NDF}: 2880.9/1$

Right Out: -57.684 ± 0.283 $\chi^2/\text{NDF}: 114854.9/18$

Left In: -147.214 ± 1.560 $\chi^2/\text{NDF}: 0.0/0$

Left: -165.295 ± 0.567 $\chi^2/\text{NDF}: 3035.6/2$

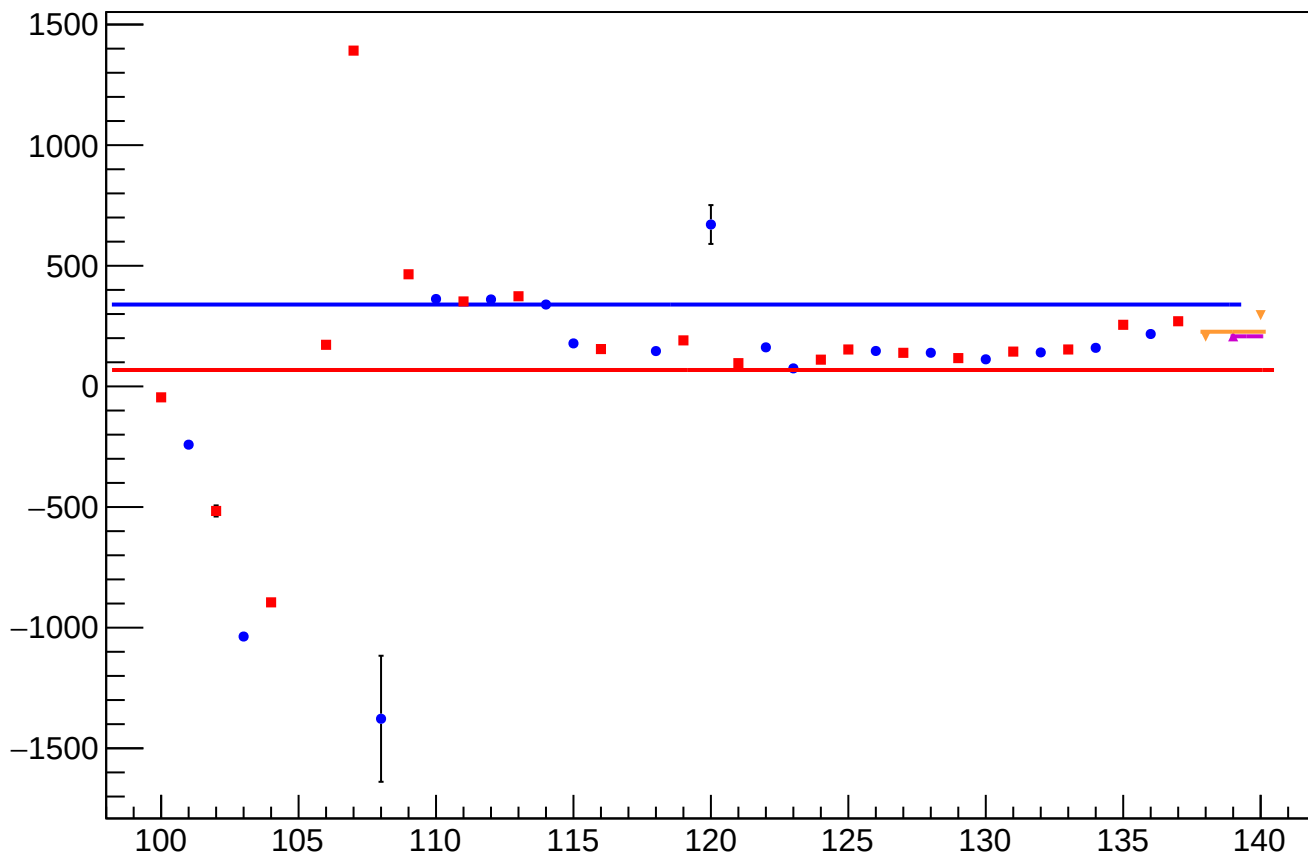
Right: -205.160 ± 0.000 $\chi^2/\text{NDF}: 968522.3/35$

In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 584155.1/17$

Out: -77.358 ± 0.257 $\chi^2/\text{NDF}: 144778.7/20$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 976505.1/38$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325 ± 0.000 χ^2/NDF : 1030606.3/16

Left Out: 226.644 ± 0.624 χ^2/NDF : 3595.5/1

Right Out: 68.024 ± 0.286 χ^2/NDF : 272330.9/18

Left In: 207.584 ± 1.672 χ^2/NDF : 0.0/0

Left: 224.311 ± 0.585 χ^2/NDF : 3709.6/2

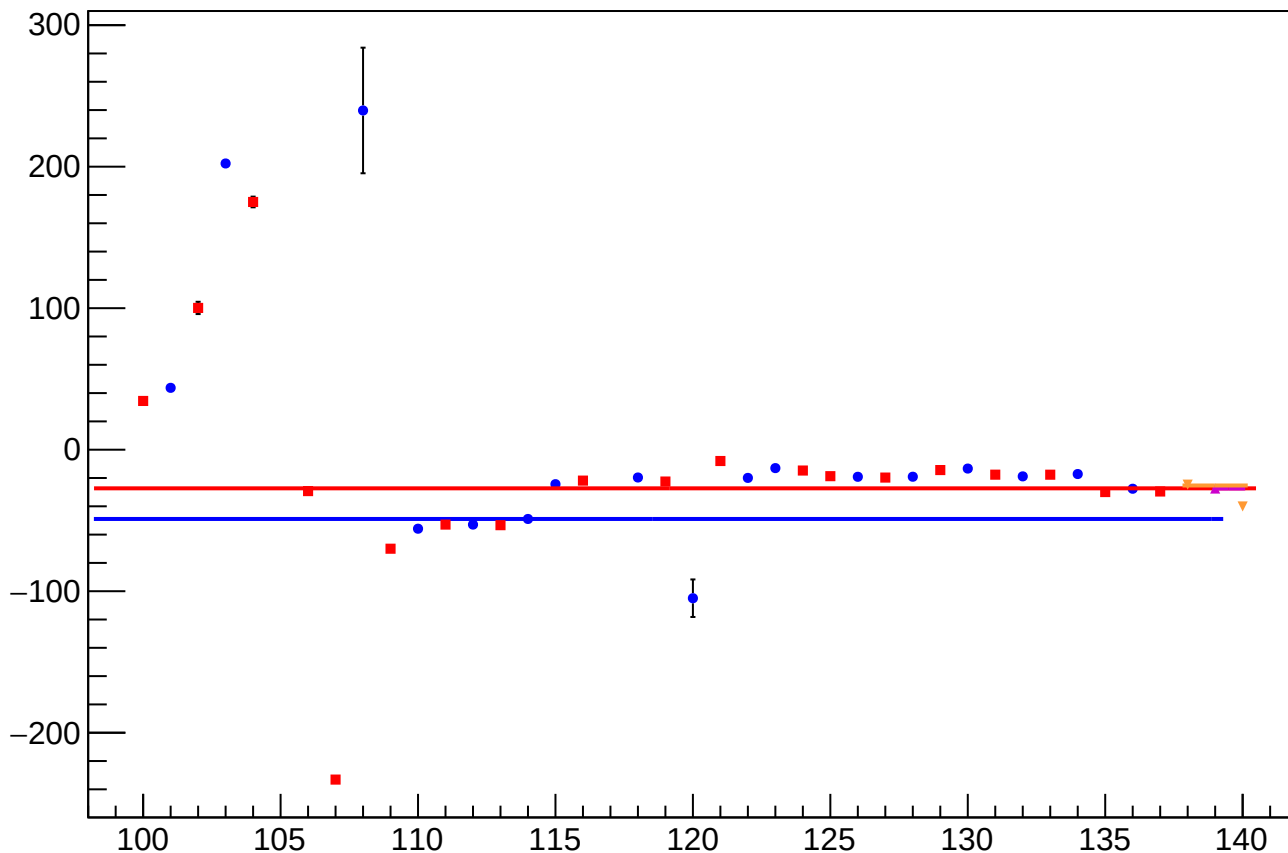
Right: 339.325 ± 0.000 χ^2/NDF : 2202286.8/35

In: 339.325 ± 0.000 χ^2/NDF : 1036816.0/17

Out: 95.553 ± 0.260 χ^2/NDF : 329282.3/20

All: 339.325 ± 0.000 χ^2/NDF : 2244672.6/38

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -25.293 ± 0.025 $\chi^2/\text{NDF}: 14912.8/1$

Right Out: -27.303 ± 0.052 $\chi^2/\text{NDF}: 167879.9/18$

Left In: -27.446 ± 0.144 $\chi^2/\text{NDF}: 0.0/0$

Left: -25.354 ± 0.024 $\chi^2/\text{NDF}: 15128.8/2$

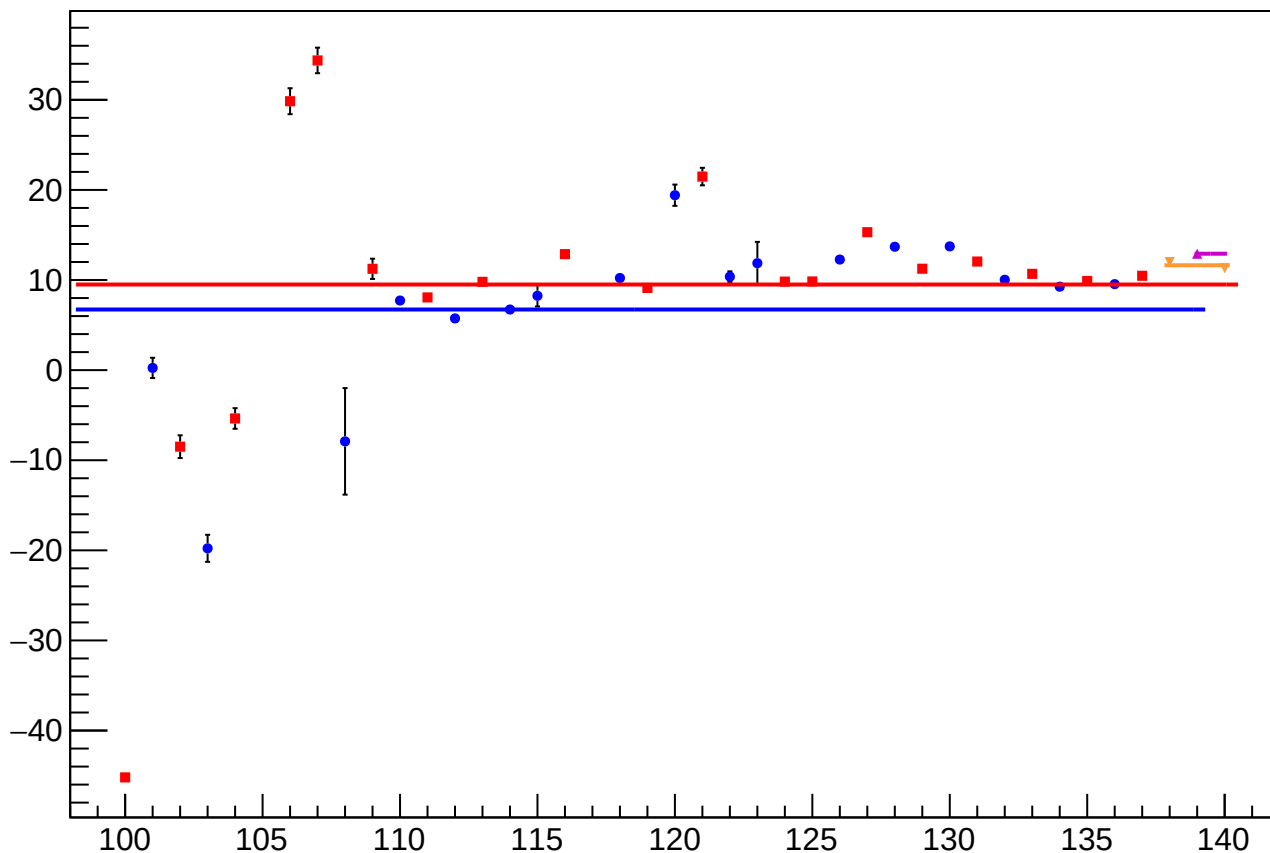
Right: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5751523.0/35$

In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5430532.7/17$

Out: -25.664 ± 0.022 $\chi^2/\text{NDF}: 184025.8/20$

All: -48.945 ± 0.000 $\chi^2/\text{NDF}: 6715214.5/38$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 11.640 $\pm$ 0.051 χ^2 /NDF:45.2/1

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

Left In: 12.922 $\pm$ 0.081 χ^2 /NDF:0.0/0

Left: 12.006 $\pm$ 0.043 χ^2 /NDF: 225.1/2

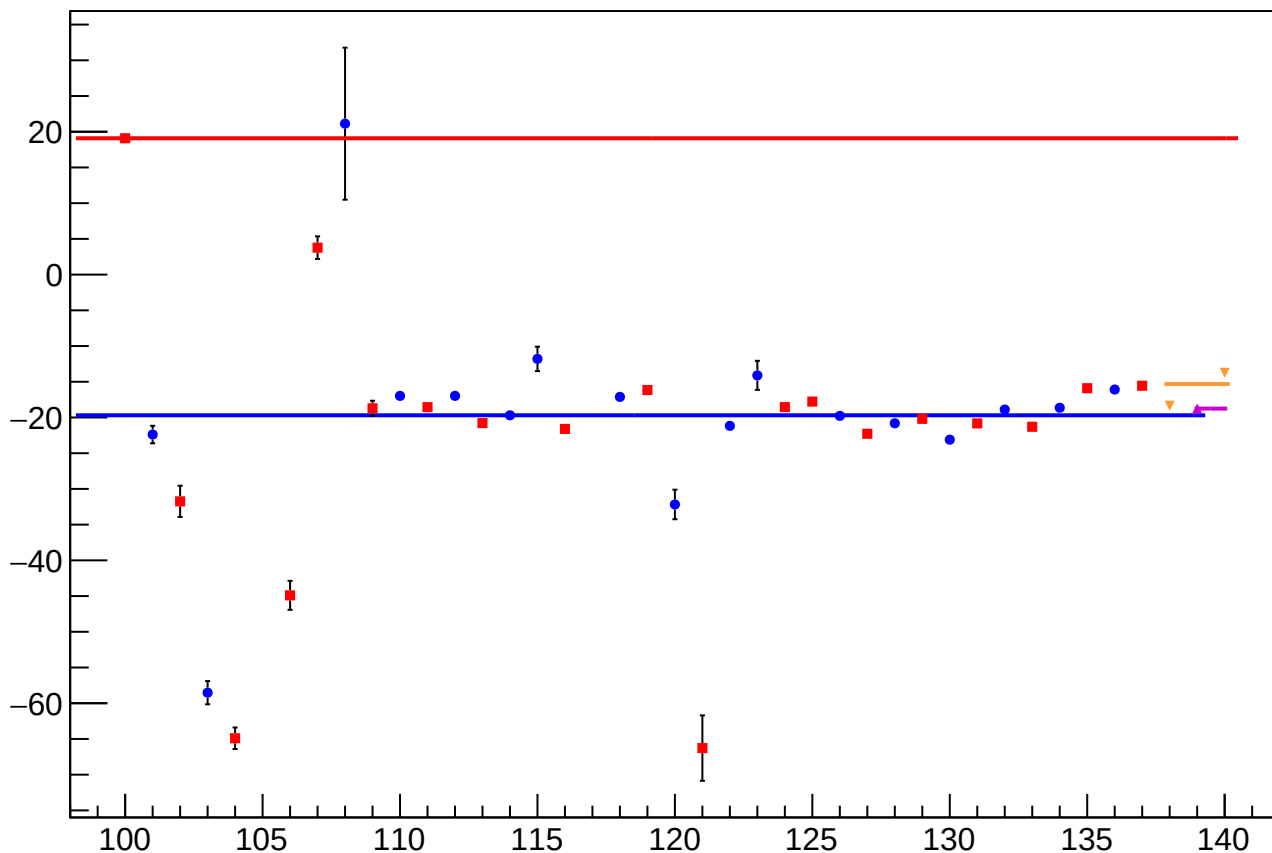
Right: 6.728 $\pm$ 0.000 χ^2 /NDF: 46635.2/35

In: 6.728 $\pm$ 0.000 χ^2 /NDF:19629.2/17

Out: 10.200 $\pm$ 0.029 χ^2 /NDF:28044.0/20

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 61785.2/38

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 7579.0/16$

Left Out: -15.319 ± 0.070 $\chi^2/\text{NDF}: 960.3/1$

Right Out: 19.086 ± 0.000 $\chi^2/\text{NDF}: 610746.9/18$

Left In: -18.751 ± 0.105 $\chi^2/\text{NDF}: 0.0/0$

Left: -16.384 ± 0.058 $\chi^2/\text{NDF}: 1696.8/2$

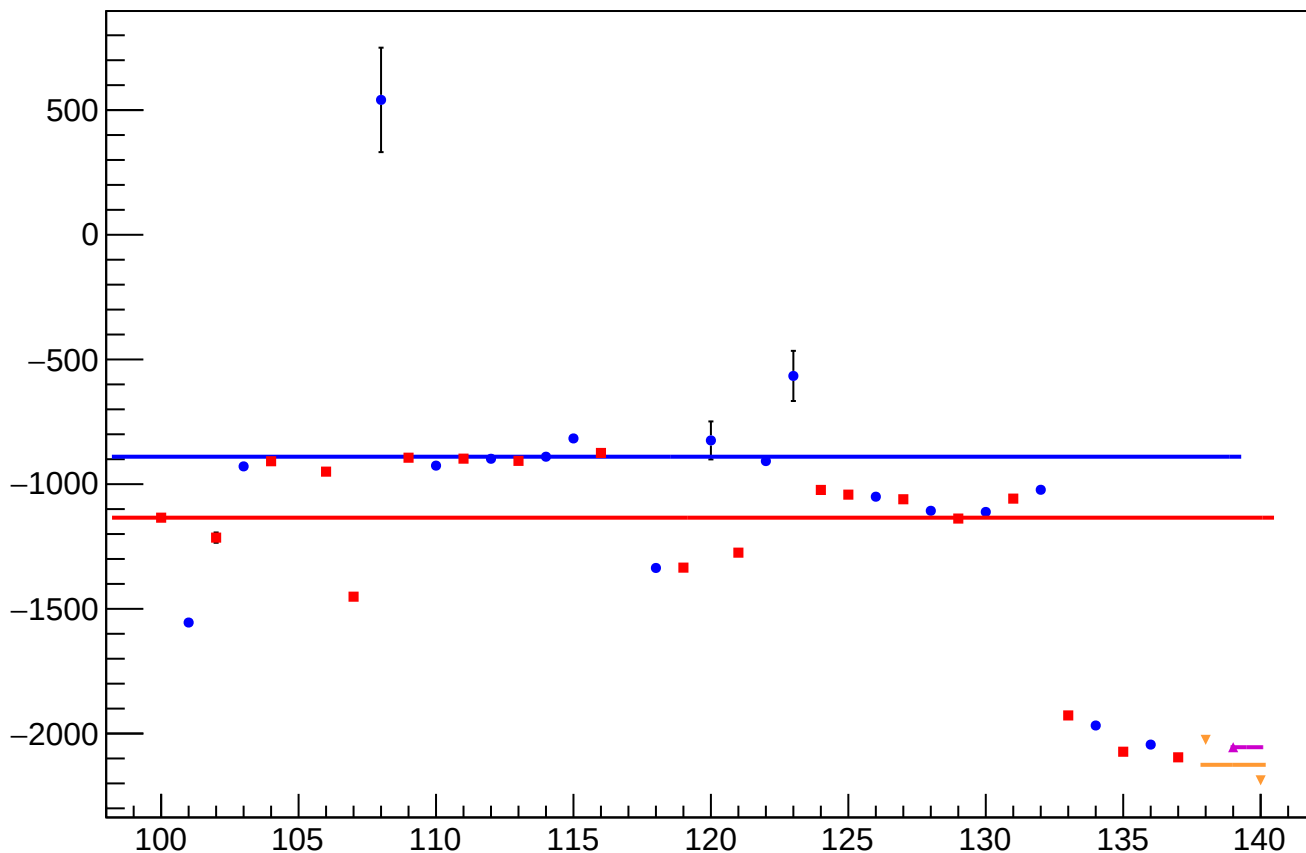
Right: -6.006 ± 0.000 $\chi^2/\text{NDF}: 4625637731292657$

In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 7659.5/17$

Out: 19.086 ± 0.000 $\chi^2/\text{NDF}: 850314.7/20$

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: -2125.418+/-1.430 χ^2/NDF :3044.9/1

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

Left In: -2054.841+/-1.795 χ^2/NDF :0.0/0

Left: -2097.999+/-1.119 χ^2/NDF : 3990.6/2

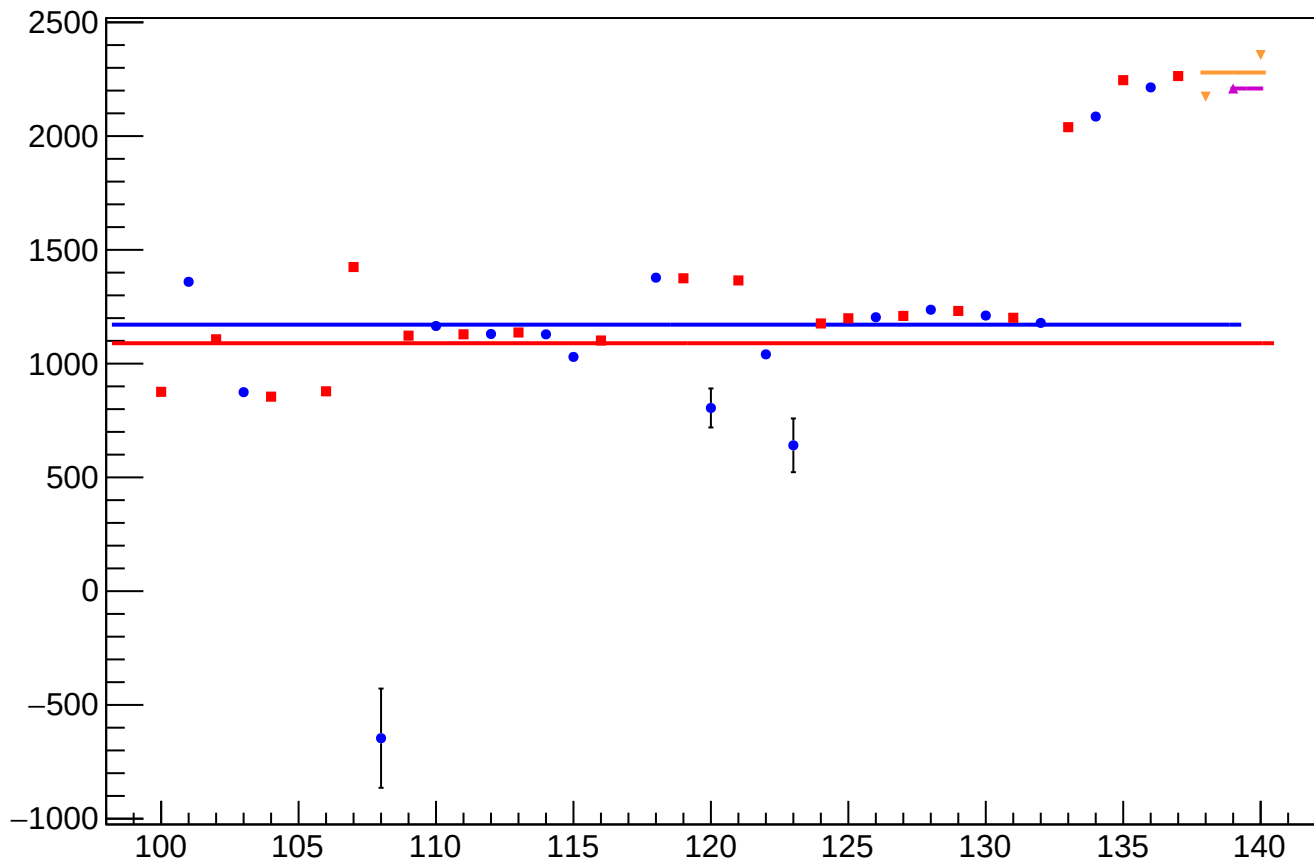
Right: -976.220+/-0.000 χ^2/NDF : 44889787387498

In: -889.928+/-0.000 χ^2/NDF :1197221.4/17

Out: -1134.421+/-0.000 χ^2/NDF :1216795.4/20

All: -976.220+/-0.000 χ^2/NDF : 44889787387

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2279.425 $\pm$ 1.464 χ^2 /NDF:3790.5/1

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

Left In: 2209.166 $\pm$ 1.922 χ^2 /NDF:0.0/0

Left: 2253.629 $\pm$ 1.165 χ^2 /NDF: 4636.1/2

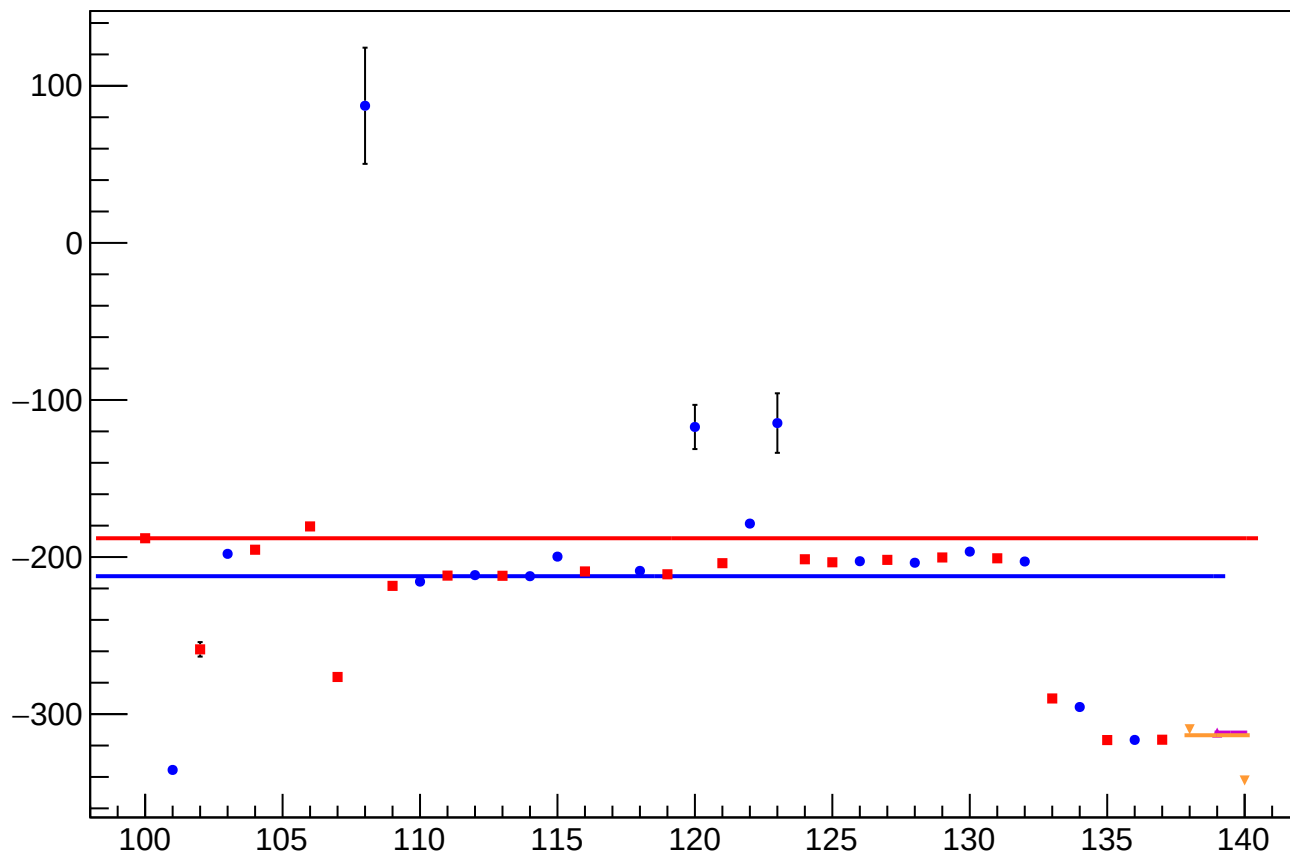
Right: 1131.764 $\pm$ 0.176 χ^2 /NDF: 1662665.0/35

In: 1187.832 $\pm$ 0.243 χ^2 /NDF:795935.7/17

Out: 1124.322 $\pm$ 0.250 χ^2 /NDF:1745270.8/20

All: 1156.892 $\pm$ 0.174 χ^2 /NDF: 2574375.6/38

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -313.442 ± 0.072 $\chi^2/\text{NDF}: 21181.2/1$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

Left In: -311.748 ± 0.195 $\chi^2/\text{NDF}: 0.0/0$

Left: -313.238 ± 0.067 $\chi^2/\text{NDF}: 21247.9/2$

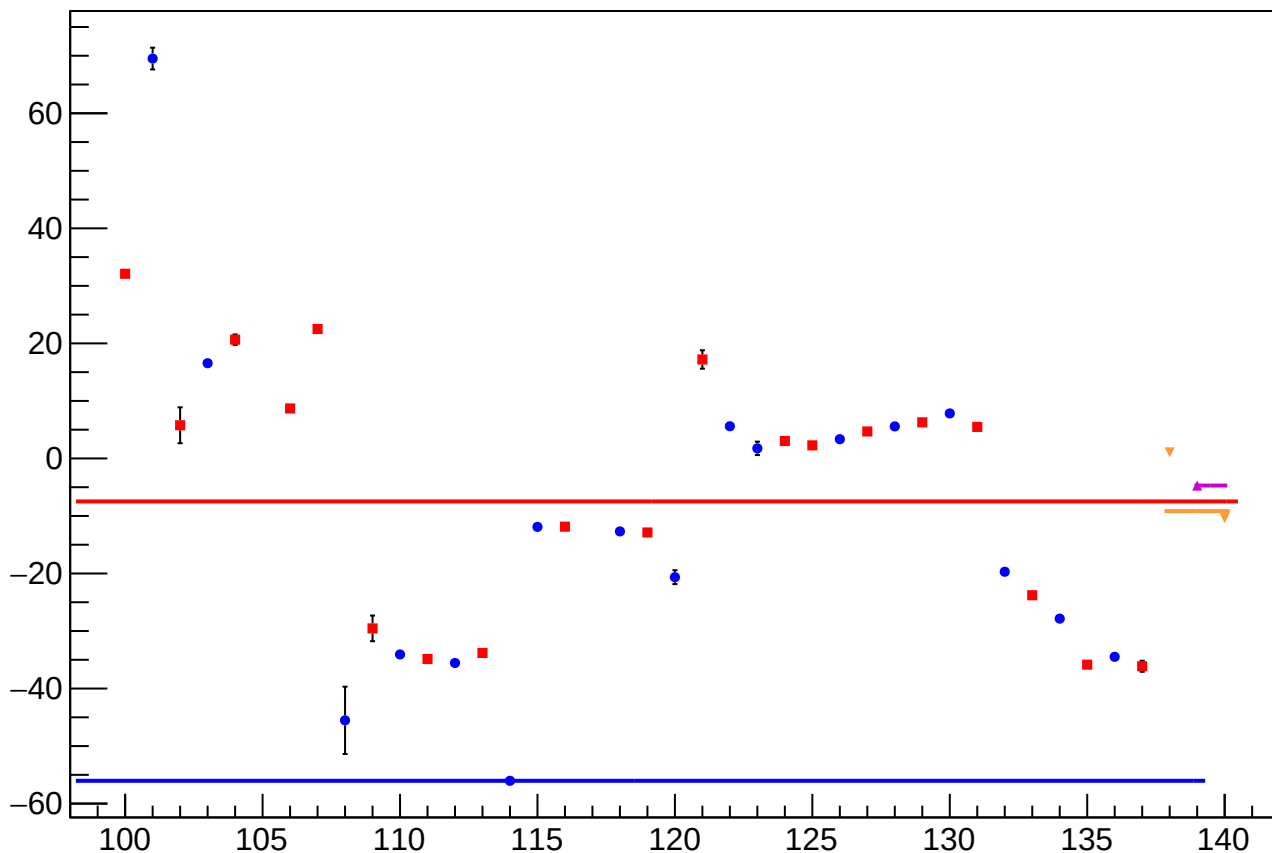
Right: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625661$

In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1411026.2/17$

Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 3661441.9/20$

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: -9.157 ± 0.128 $\chi^2/\text{NDF}: 762.1/1$

Right Out: -7.476 ± 0.042 $\chi^2/\text{NDF}: 173893.8/18$

Left In: -4.712 ± 0.161 $\chi^2/\text{NDF}: 0.0/0$

Left: -7.435 ± 0.100 $\chi^2/\text{NDF}: 1228.3/2$

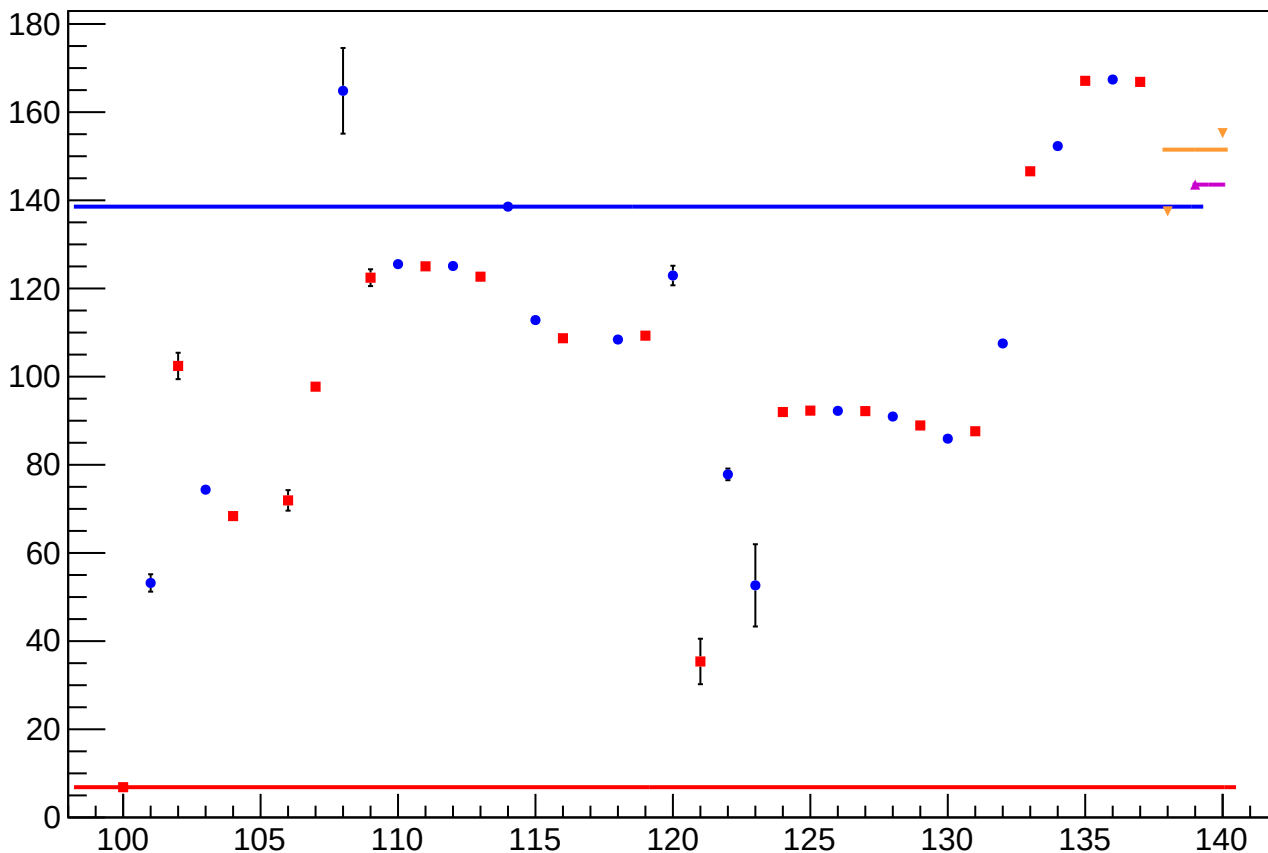
Right: -56.037 ± 0.000 $\chi^2/\text{NDF}: 3084882.3/35$

In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 1686866.3/17$

Out: -7.641 ± 0.040 $\chi^2/\text{NDF}: 174811.2/20$

All: -56.037 ± 0.000 $\chi^2/\text{NDF}: 3320933.8/38$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 151.498 $\pm$ 0.163 χ^2 /NDF:1984.2/1

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

Left In: 143.562 $\pm$ 0.176 χ^2 /NDF:0.0/0

Left: 147.840 $\pm$ 0.119 χ^2 /NDF: 3083.4/2

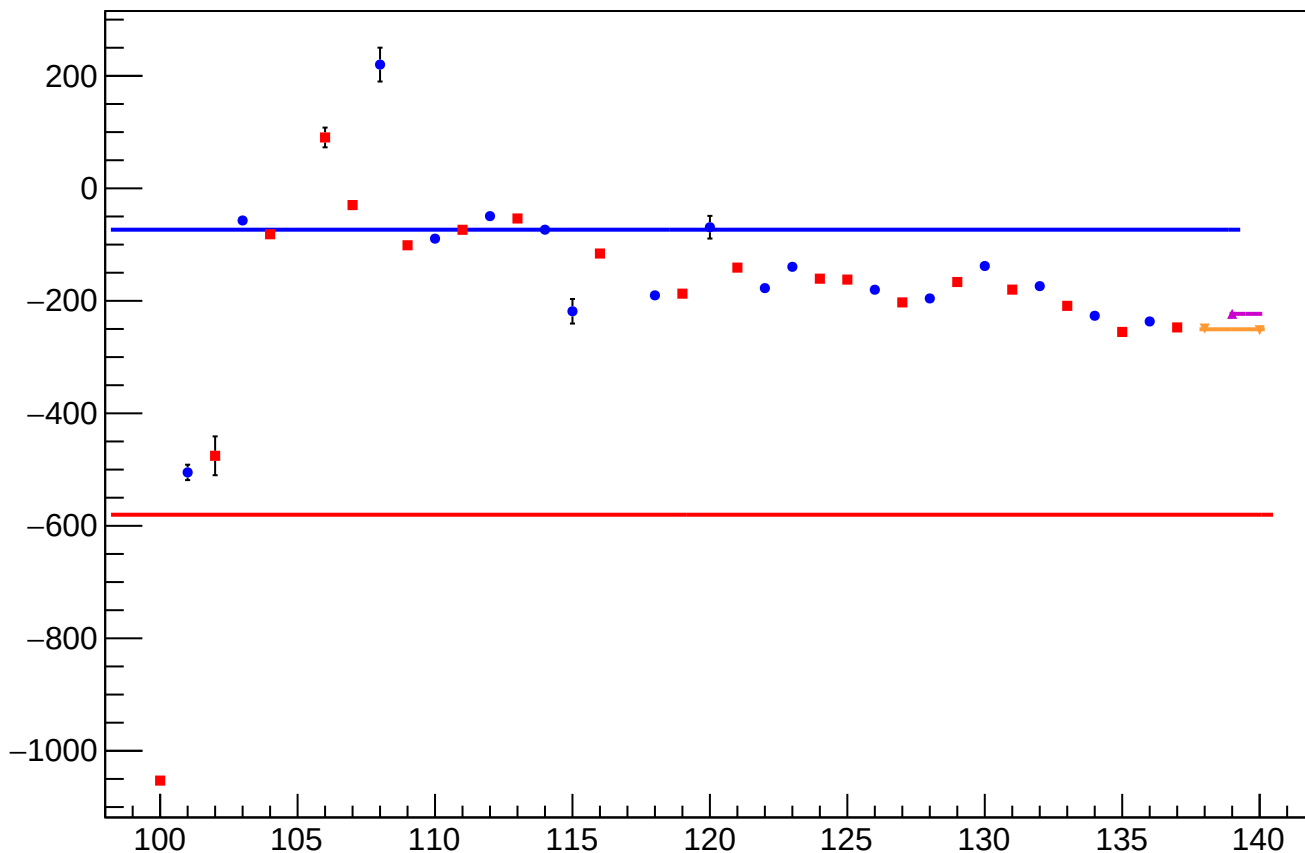
Right: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

In: 138.565 $\pm$ 0.000 χ^2 /NDF:901967.8/17

Out: 6.866 $\pm$ 0.000 χ^2 /NDF:8841381.8/20

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -250.554 ± 0.590 $\chi^2/\text{NDF}: 5.9/1$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

Left In: -223.096 ± 1.771 $\chi^2/\text{NDF}: 0.0/0$

Left: -247.813 ± 0.560 $\chi^2/\text{NDF}: 222.4/2$

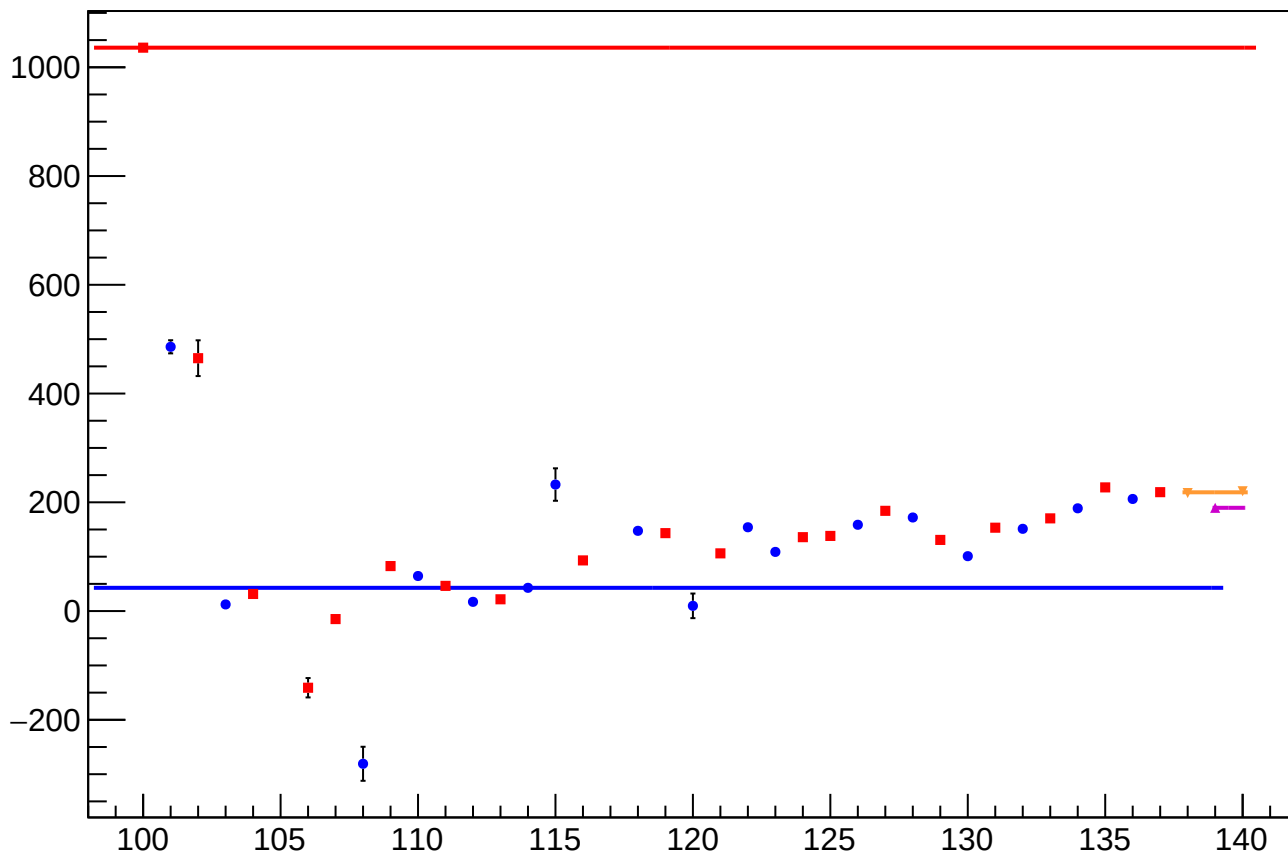
Right: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6902096.9/35$

In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 105842.0/17$

Out: -526.277 ± 0.239 $\chi^2/\text{NDF}: 3293020.1/20$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6999397.9/38$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 218.396+/-0.614 χ^2/NDF : 7.0/1

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

Left In: 189.887+/-1.815 χ^2/NDF : 0.0/0

Left: 215.465+/-0.582 χ^2/NDF : 228.4/2

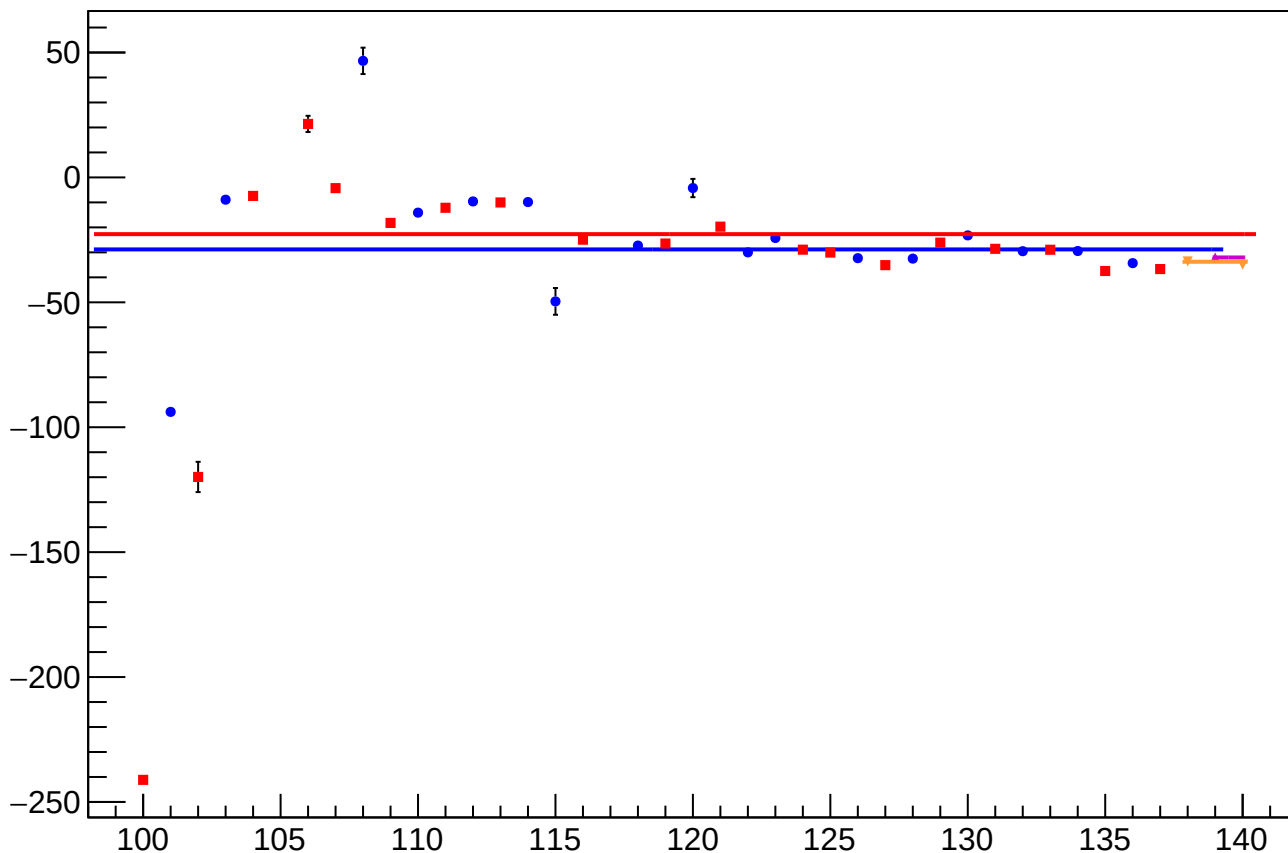
Right: 43.272+/-0.000 χ^2/NDF : 1144517497266833

In: 42.743+/-0.000 χ^2/NDF : 91173.5/17

Out: 1036.068+/-0.000 χ^2/NDF : 6705100.4/20

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: -33.758 ± 0.036 $\chi^2/\text{NDF}: 118.6/1$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

Left In: -32.045 ± 0.060 $\chi^2/\text{NDF}: 0.0/0$

Left: -33.314 ± 0.031 $\chi^2/\text{NDF}: 716.9/2$

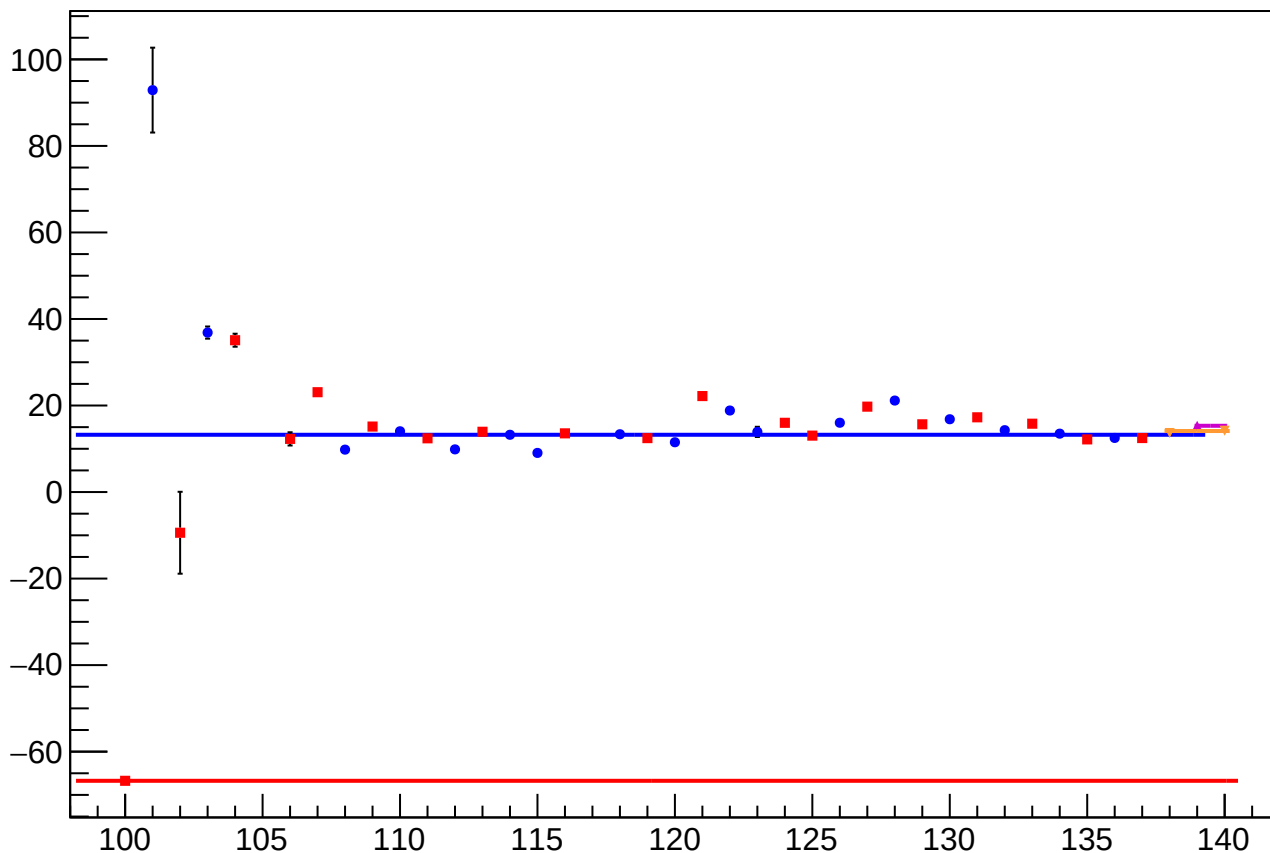
Right: -26.045 ± 0.026 $\chi^2/\text{NDF}: 473753.1/35$

In: -29.626 ± 0.030 $\chi^2/\text{NDF}: 51648.2/17$

Out: -28.597 ± 0.026 $\chi^2/\text{NDF}: 455175.5/20$

All: -29.037 ± 0.020 $\chi^2/\text{NDF}: 507491.7/38$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 14.103+/-0.051 χ^2/NDF : 12.5/1

Right Out: -66.739+/-0.000 χ^2/NDF : 3023648.4/18

Left In: 15.317+/-0.072 χ^2/NDF : 0.0/0

Left: 14.502+/-0.041 χ^2/NDF : 201.6/2

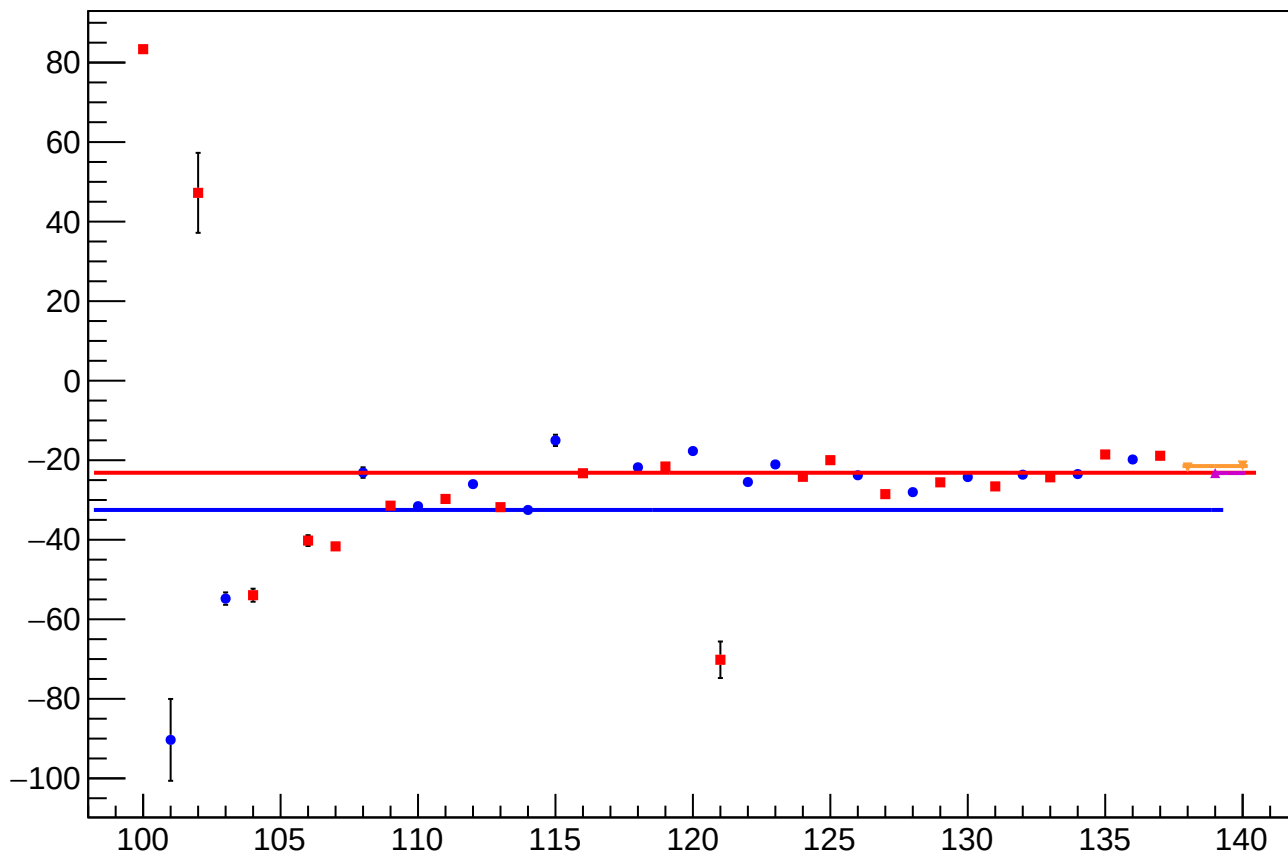
Right: 12.562+/-0.000 χ^2/NDF : 1884310027651005

In: 13.238+/-0.000 χ^2/NDF : 6583.4/17

Out: -66.739+/-0.000 χ^2/NDF : 5576432.6/20

All: 12.562+/-0.000 χ^2/NDF : 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 ± 0.000 $\chi^2/\text{NDF}: 74187.4/16$

Left Out: -21.469 ± 0.063 $\chi^2/\text{NDF}: 11.9/1$

Right Out: -23.151 ± 0.048 $\chi^2/\text{NDF}: 90749.4/18$

Left In: -23.230 ± 0.100 $\chi^2/\text{NDF}: 0.0/0$

Left: -21.967 ± 0.053 $\chi^2/\text{NDF}: 232.4/2$

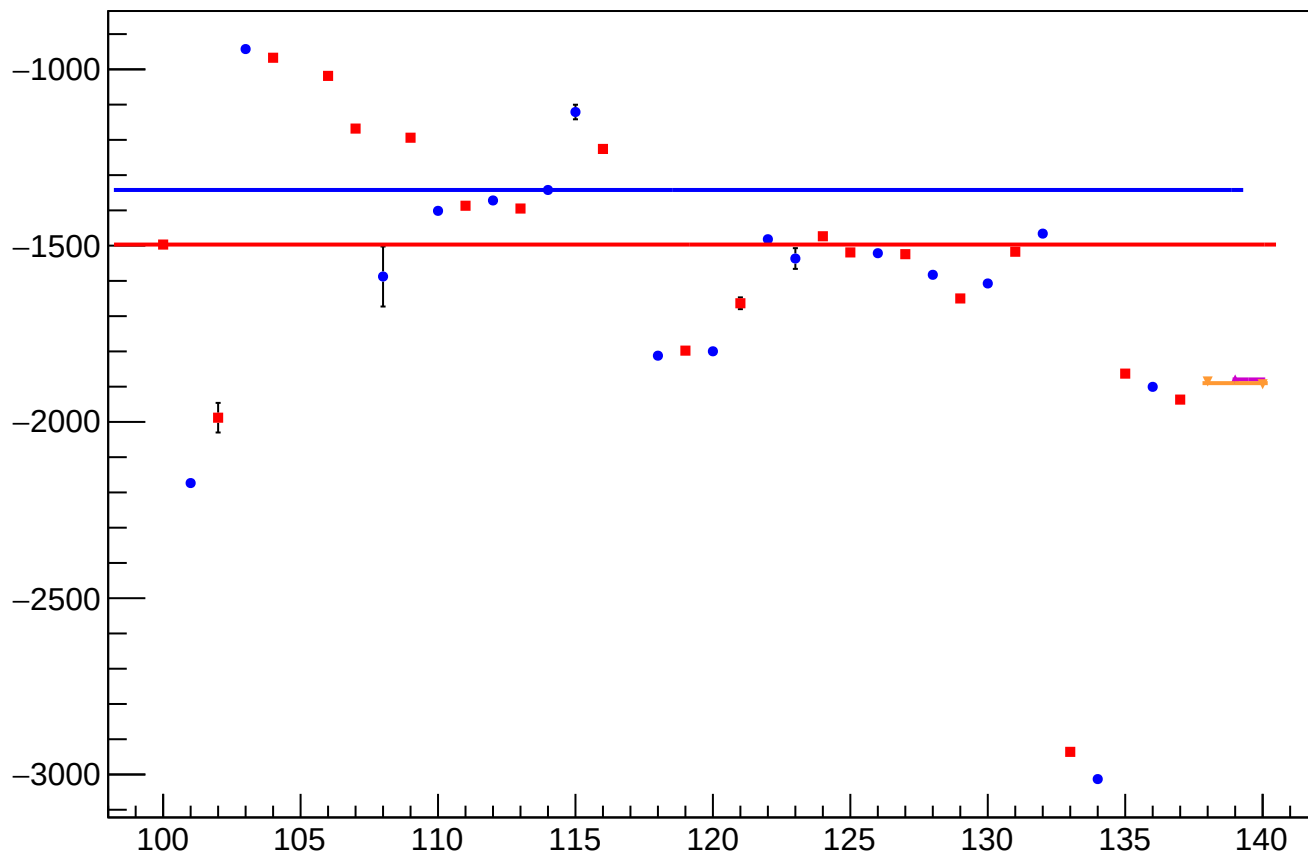
Right: -32.504 ± 0.000 $\chi^2/\text{NDF}: 203519.3/35$

In: -32.504 ± 0.000 $\chi^2/\text{NDF}: 82709.7/17$

Out: -22.541 ± 0.038 $\chi^2/\text{NDF}: 91214.2/20$

All: -32.504 ± 0.000 $\chi^2/\text{NDF}: 242646.4/38$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1889.995+/-1.650 χ^2/NDF : 5.5/1

Right Out: -1496.932+/-0.000 χ^2/NDF : 504712.5/18

Left In: -1879.494+/-1.108 χ^2/NDF : 0.0/0

Left: -1882.760+/-0.920 χ^2/NDF : 33.4/2

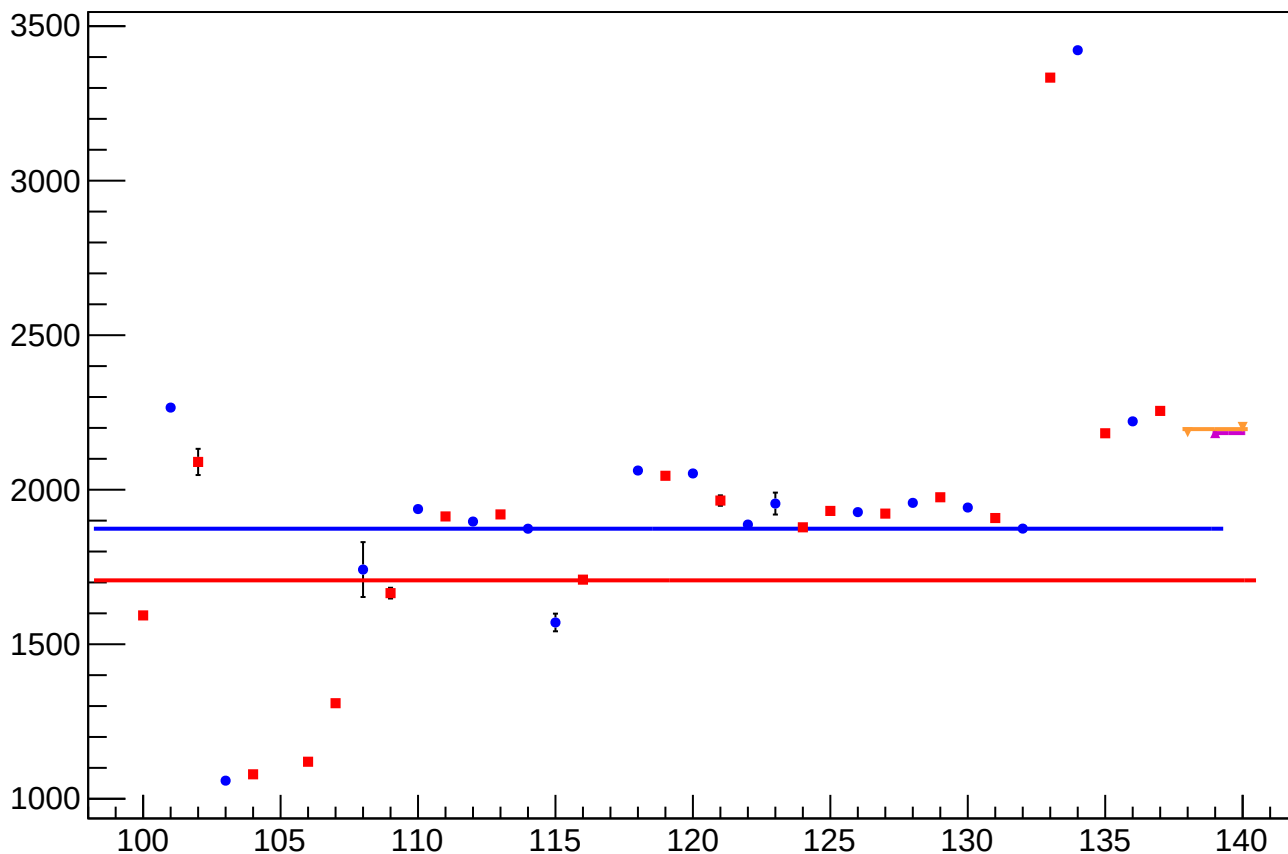
Right: -1396.751+/-0.000 χ^2/NDF : 1800086126763

In: -1342.107+/-0.000 χ^2/NDF : 605930.2/17

Out: -1496.932+/-0.000 χ^2/NDF : 561473.3/20

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2196.129+/-1.734 χ^2/NDF : 24.0/1

Right Out: 1706.739+/-0.302 χ^2/NDF : 837936.9/18

Left In: 2183.242+/-1.120 χ^2/NDF : 0.0/0

Left: 2187.036+/-0.941 χ^2/NDF : 63.0/2

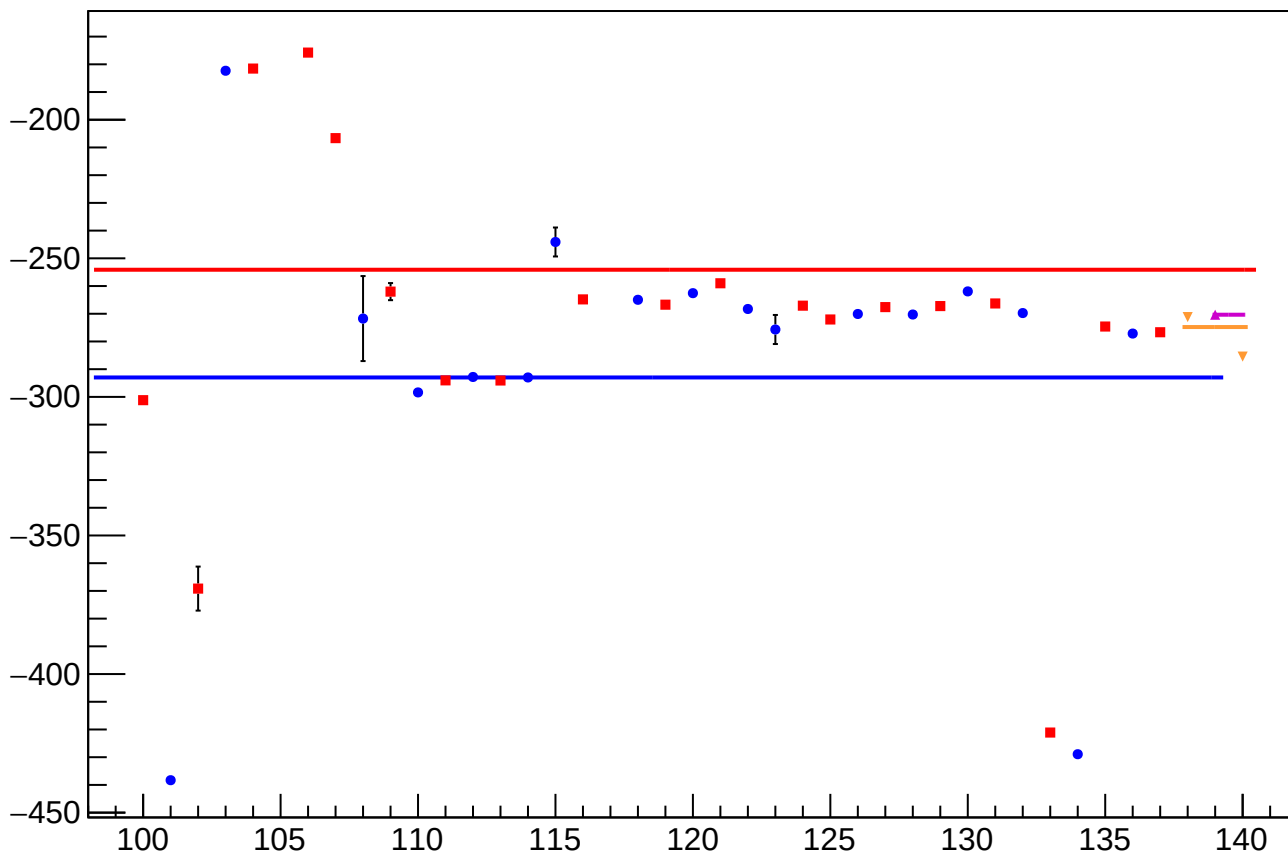
Right: 1873.852+/-0.000 χ^2/NDF : 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF : 277906.3/17

Out: 1721.186+/-0.298 χ^2/NDF : 915281.2/20

All: 1873.852+/-0.000 χ^2/NDF : 1455823.8/38

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -274.796 ± 0.094 $\chi^2/\text{NDF}: 4369.5/1$

Right Out: -254.119 ± 0.059 $\chi^2/\text{NDF}: 502658.5/18$

Left In: -270.347 ± 0.085 $\chi^2/\text{NDF}: 0.0/0$

Left: -272.345 ± 0.063 $\chi^2/\text{NDF}: 5612.8/2$

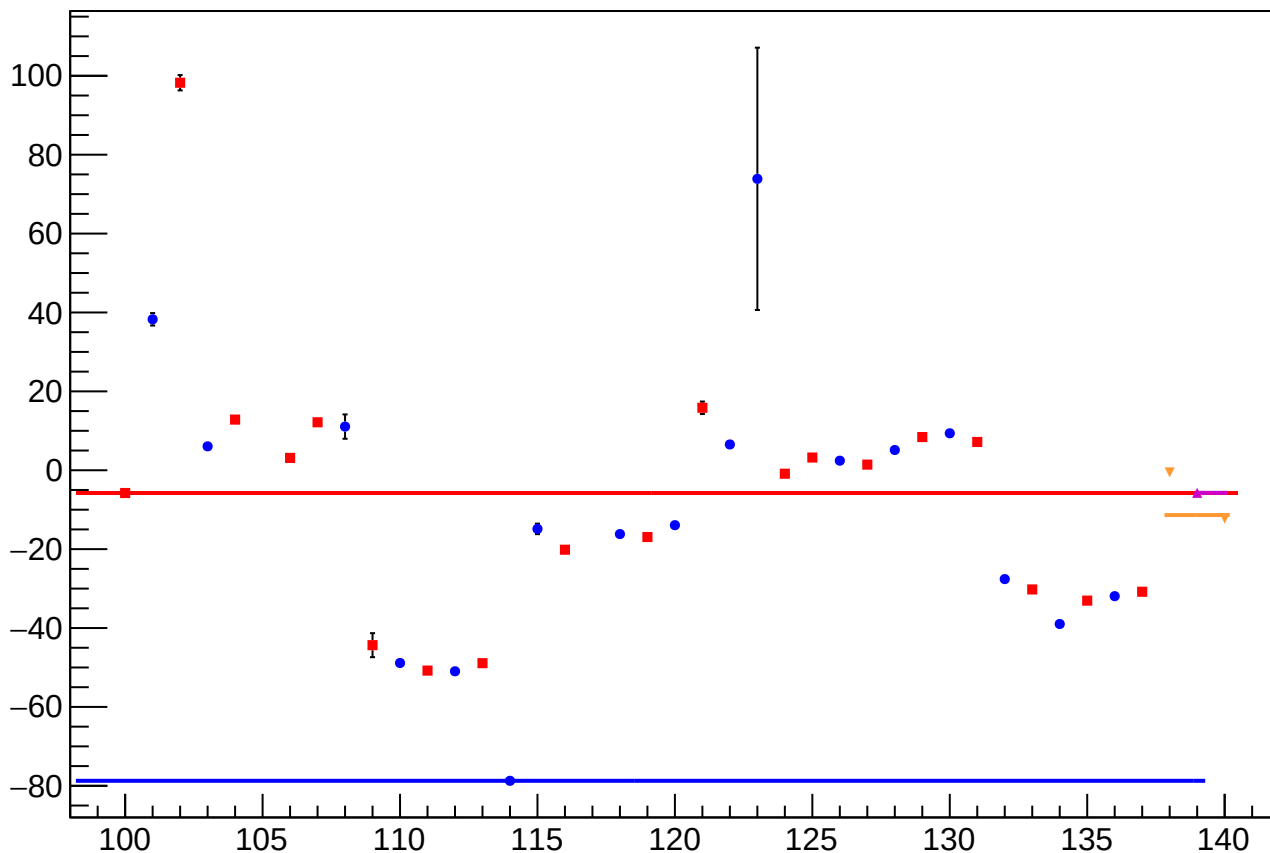
Right: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1952225.7/35$

In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1087296.4/17$

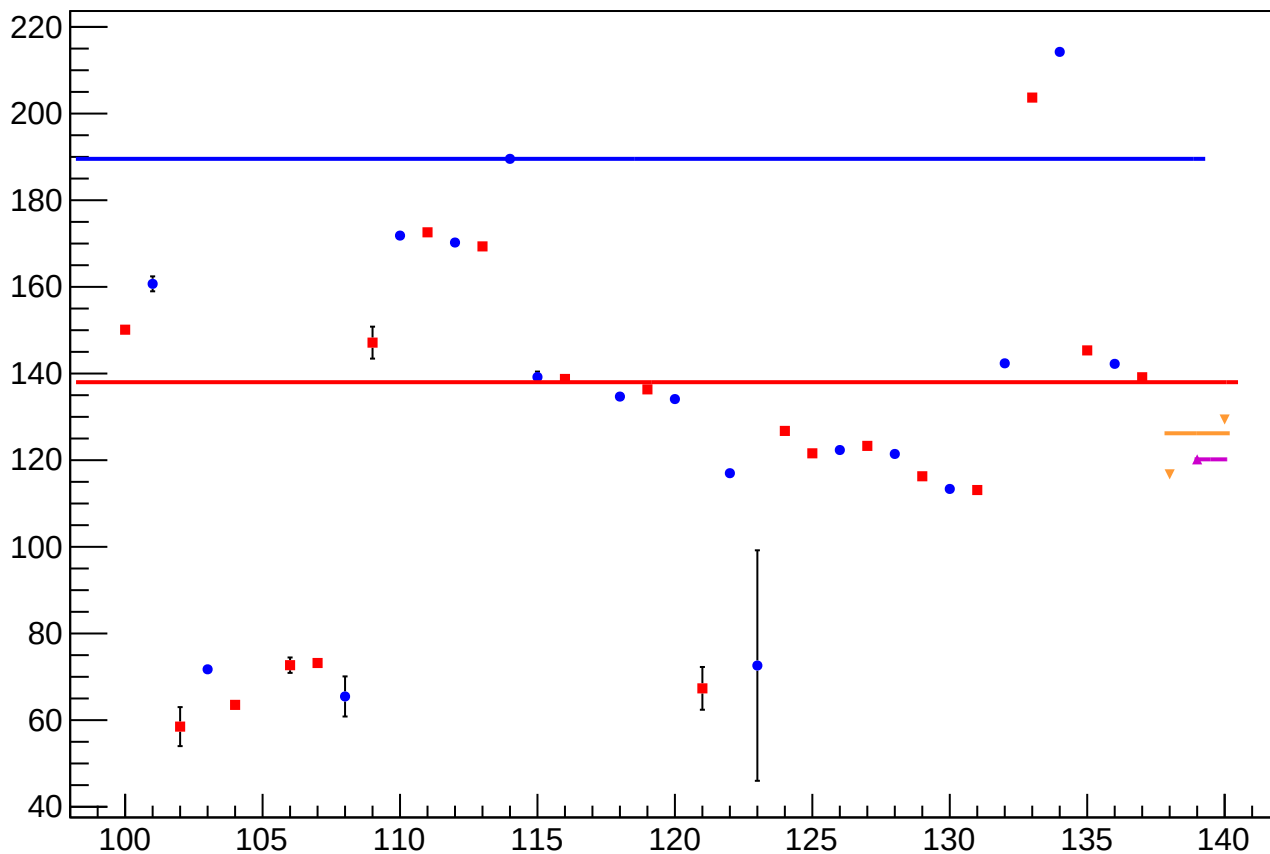
Out: -259.994 ± 0.050 $\chi^2/\text{NDF}: 541928.8/20$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 2066029.5/38$

dit_atr2_4aY_slope vs Slug, Sign Corrected



dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 126.208 $\pm$ 0.115 χ^2 /NDF:2288.6/1

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

Left In: 120.191 $\pm$ 0.112 χ^2 /NDF:0.0/0

Left: 123.117 $\pm$ 0.080 χ^2 /NDF: 3701.2/2

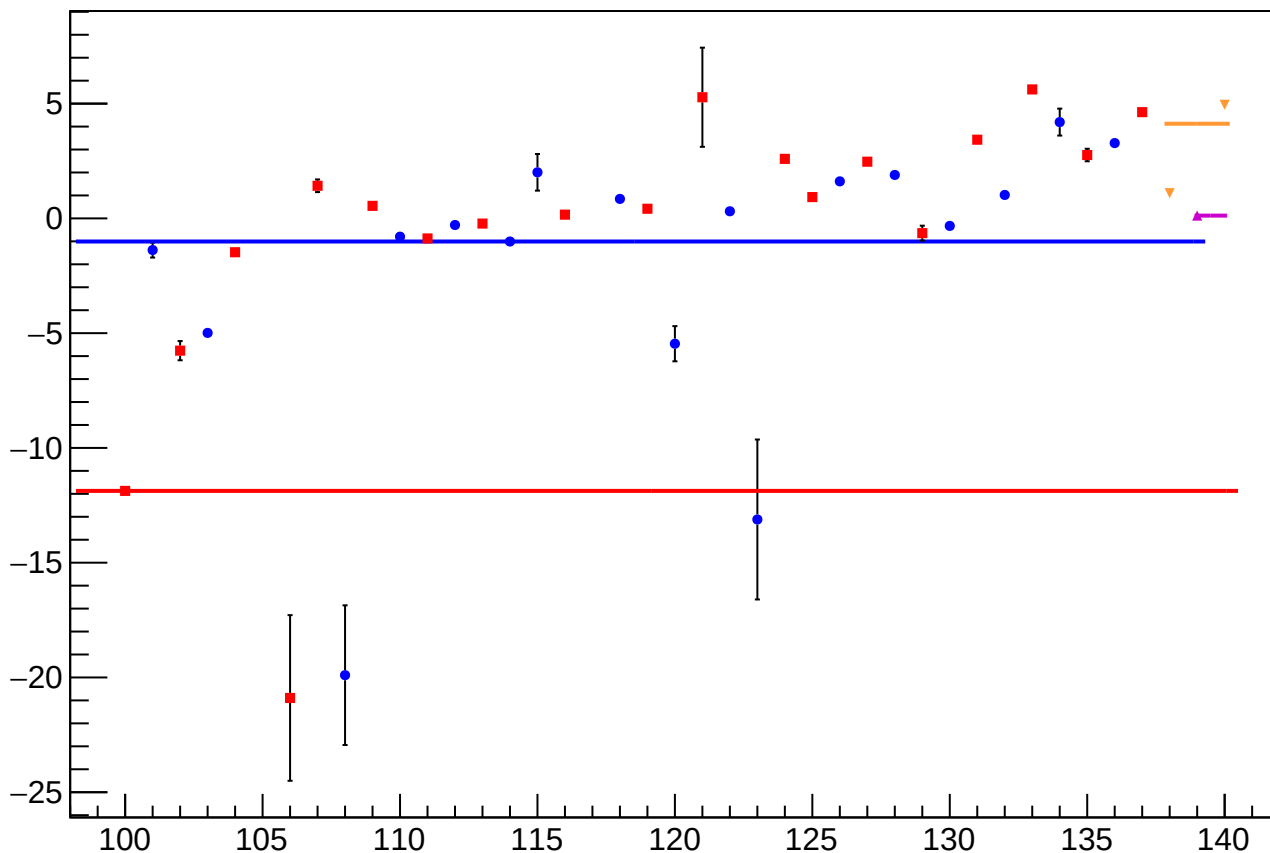
Right: 189.551 $\pm$ 0.000 χ^2 /NDF: 1806450.5/35

In: 189.551 $\pm$ 0.000 χ^2 /NDF:1313451.2/17

Out: 135.532 $\pm$ 0.053 χ^2 /NDF:127996.1/20

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 2499468.8/38

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 4.124 ± 0.091 χ^2/NDF : 302.5/1

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

Left In: 0.121 ± 0.066 χ^2/NDF : 0.0/0

Left: 1.504 ± 0.053 χ^2/NDF : 1571.0/2

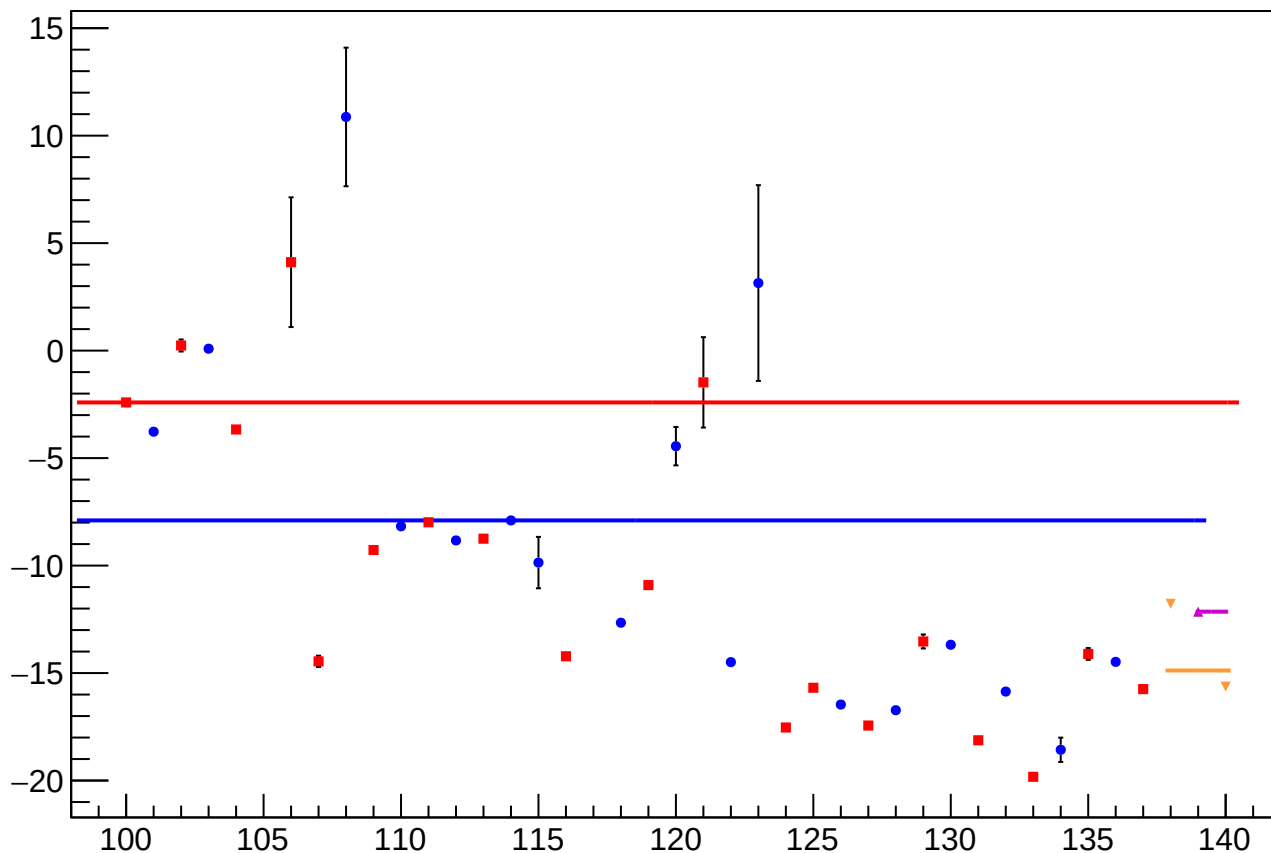
Right: -1.365 ± 0.000 χ^2/NDF : 2170760676638215

In: -1.007 ± 0.000 χ^2/NDF : 7349.5/17

Out: -11.872 ± 0.000 χ^2/NDF : 534886.4/20

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: -14.881 ± 0.090 χ^2/NDF : 289.6/1

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

Left In: -12.144 ± 0.120 χ^2/NDF : 0.0/0

Left: -13.901 ± 0.072 χ^2/NDF : 623.5/2

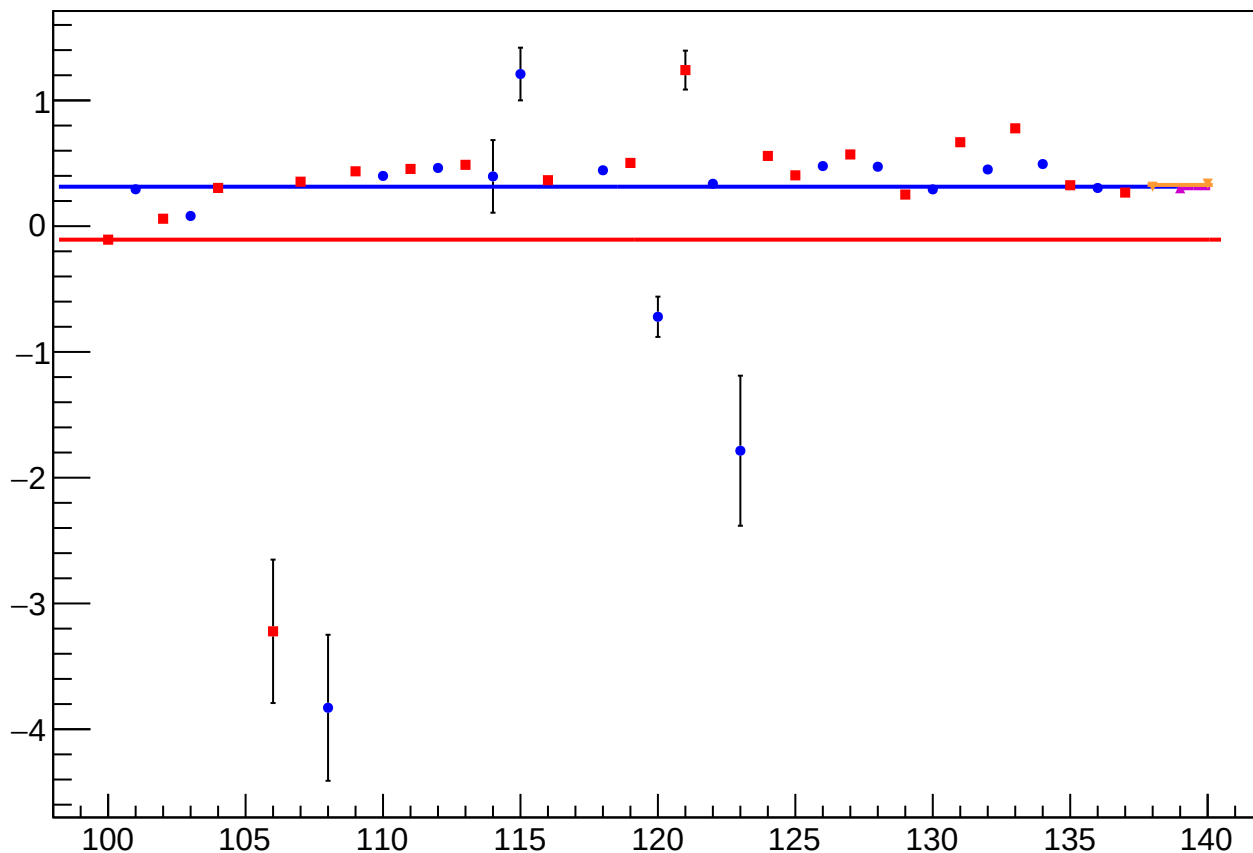
Right: -4.135 ± 0.000 χ^2/NDF : 2879850560728951

In: -7.899 ± 0.000 χ^2/NDF : 40695.4/17

Out: -2.410 ± 0.000 χ^2/NDF : 222704.8/20

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: 0.328 ± 0.001 χ^2/NDF : 134.6/1

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

Left In: 0.301 ± 0.002 χ^2/NDF : 0.0/0

Left: 0.324 ± 0.001 χ^2/NDF : 237.5/2

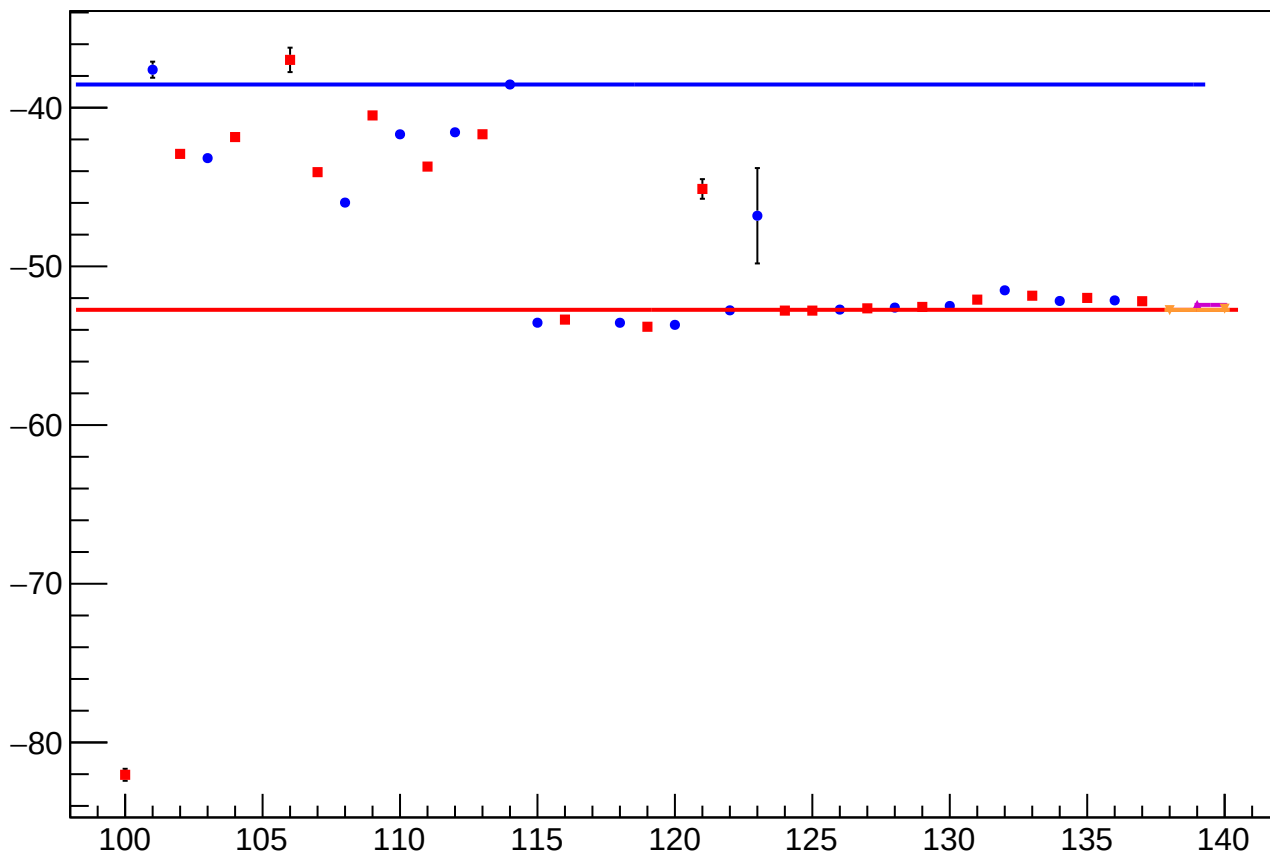
Right: -0.107 ± 0.000 χ^2/NDF : 409026.8/35

In: 0.312 ± 0.001 χ^2/NDF : 2770.8/17

Out: -0.107 ± 0.000 χ^2/NDF : 388640.5/20

All: -0.107 ± 0.000 χ^2/NDF : 606556.2/38

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539 $\pm$ 0.000 χ^2 /NDF: 14950854.6/16

Left Out: -52.746 $\pm$ 0.008 χ^2 /NDF:17.8/1

Right Out: -52.737 $\pm$ 0.002 χ^2 /NDF: 87430.2/18

Left In: -52.426 $\pm$ 0.011 χ^2 /NDF:0.0/0

Left: -52.647 $\pm$ 0.006 χ^2 /NDF: 557.9/2

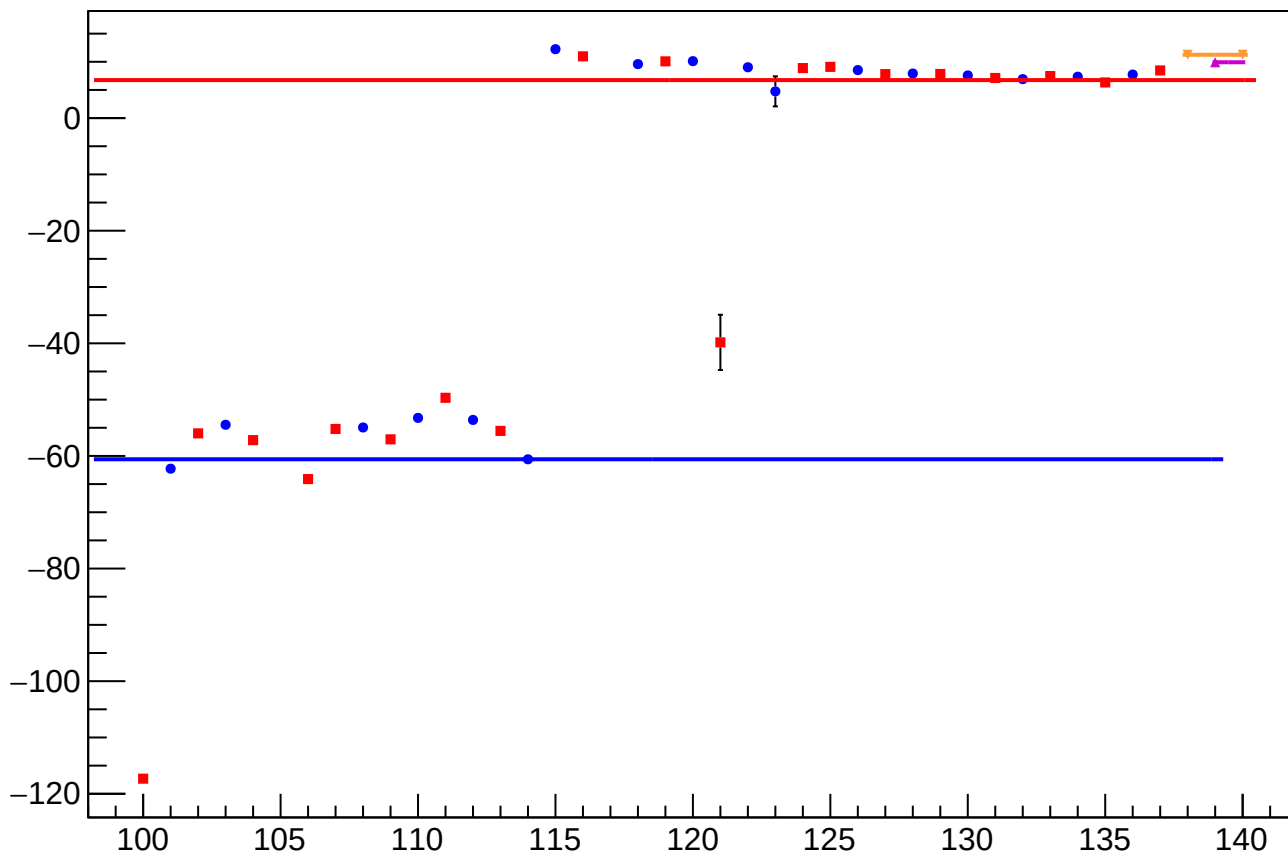
Right: -38.539 $\pm$ 0.000 χ^2 /NDF: 72100834.2/35

In: -38.539 $\pm$ 0.000 χ^2 /NDF:16425259.6/17

Out: -52.737 $\pm$ 0.002 χ^2 /NDF:87449.5/20

All: -38.539 $\pm$ 0.000 χ^2 /NDF: 76990608.8/38

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF : 26122838.1/16

Left Out: 11.247+/-0.020 χ^2/NDF : 0.0/1

Right Out: 6.748+/-0.011 χ^2/NDF : 1266598.3/18

Left In: 9.919+/-0.022 χ^2/NDF : 0.0/0

Left: 10.647+/-0.015 χ^2/NDF : 1913.4/2

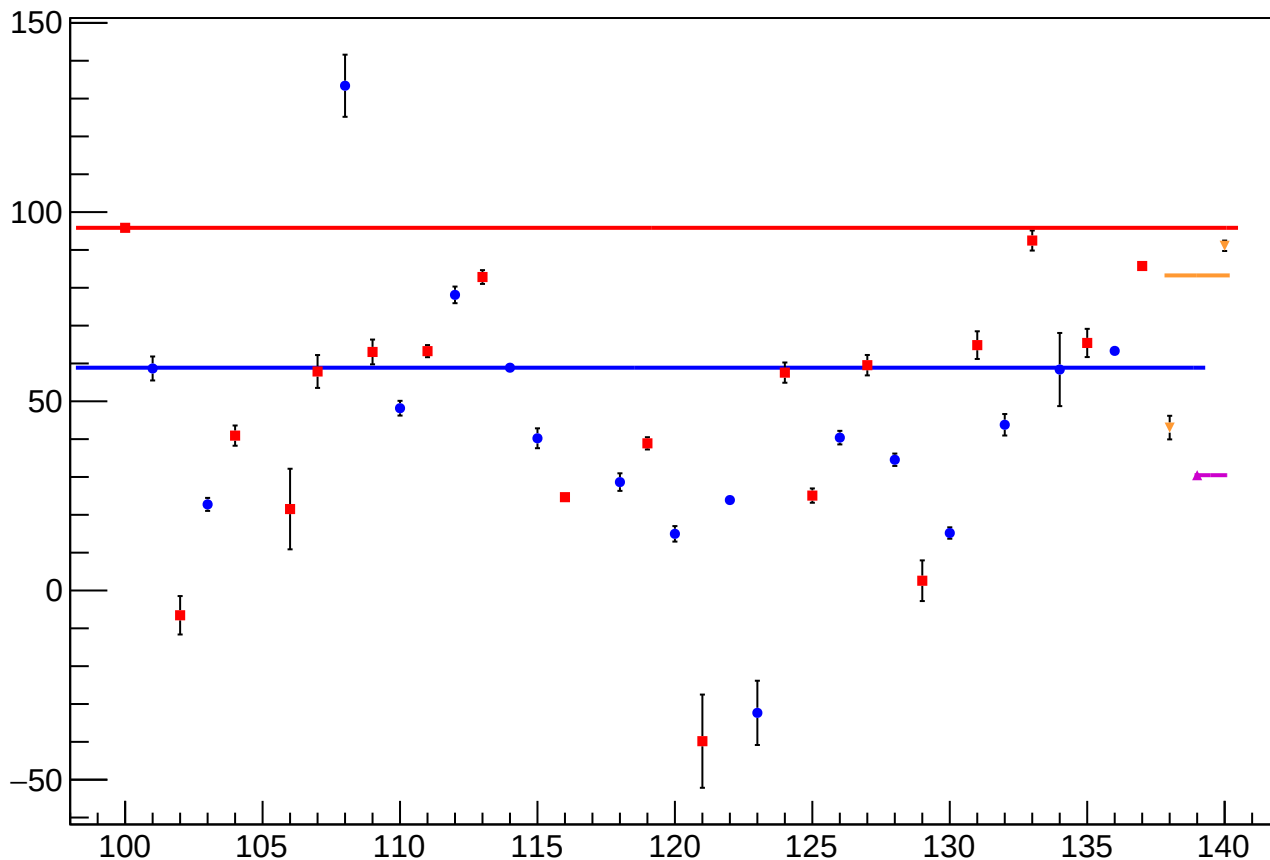
Right: -60.594+/-0.000 χ^2/NDF : 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF : 35976589.2/17

Out: 7.763+/-0.010 χ^2/NDF : 1304237.9/20

All: -60.594+/-0.000 χ^2/NDF : 87029651.7/38

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 83.268 $\pm$ 1.259 χ^2 /NDF:198.7/1

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

Left In: 30.471 $\pm$ 0.985 χ^2 /NDF:0.0/0

Left: 50.506 $\pm$ 0.776 χ^2 /NDF: 1289.5/2

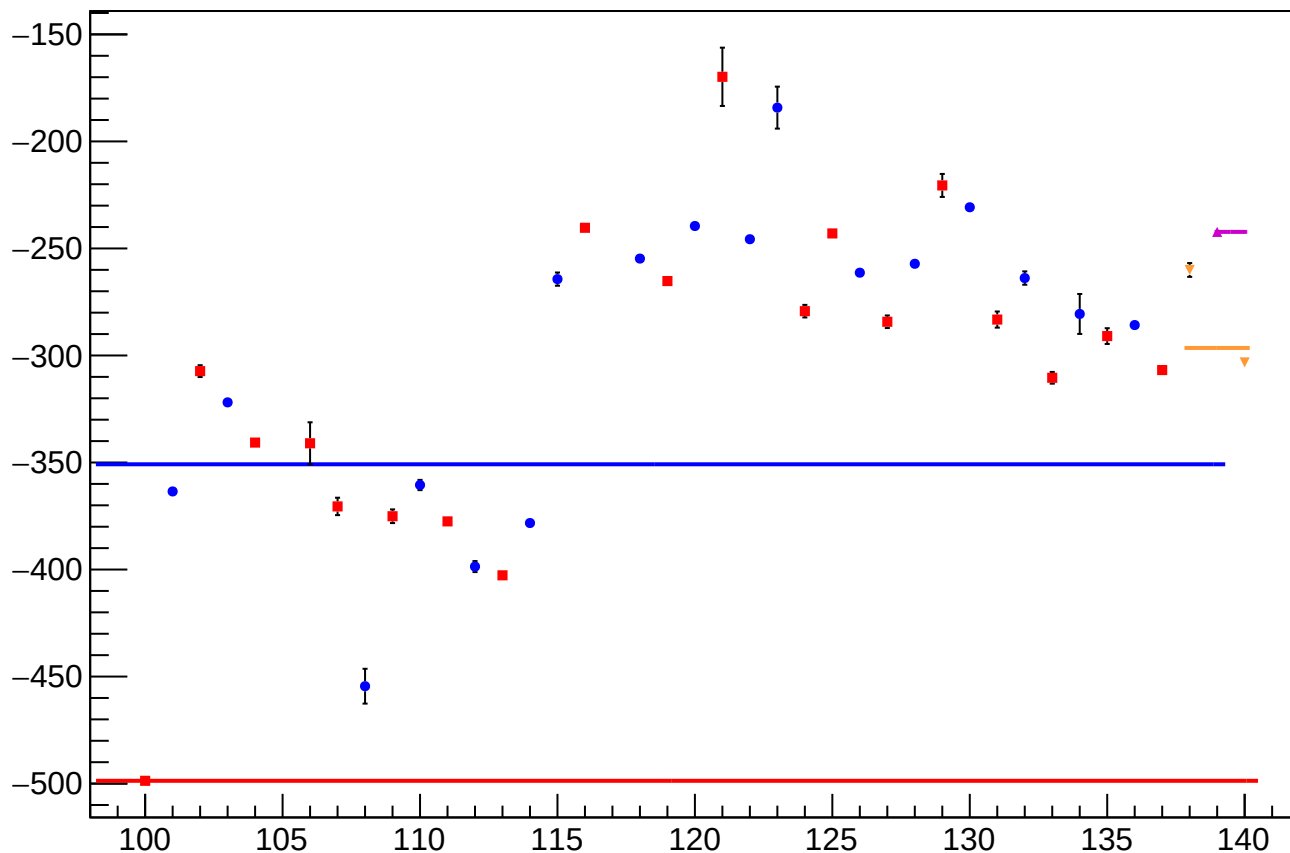
Right: 60.098 $\pm$ 0.000 χ^2 /NDF: 9815233945666380

In: 58.880 $\pm$ 0.000 χ^2 /NDF:4646.9/17

Out: 95.846 $\pm$ 0.000 χ^2 /NDF:39683.5/20

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: -296.480 ± 1.278 $\chi^2/\text{NDF}: 150.8/1$

Right Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 511870.8/18$

Left In: -242.270 ± 0.971 $\chi^2/\text{NDF}: 0.0/0$

Left: -262.101 ± 0.773 $\chi^2/\text{NDF}: 1291.4/2$

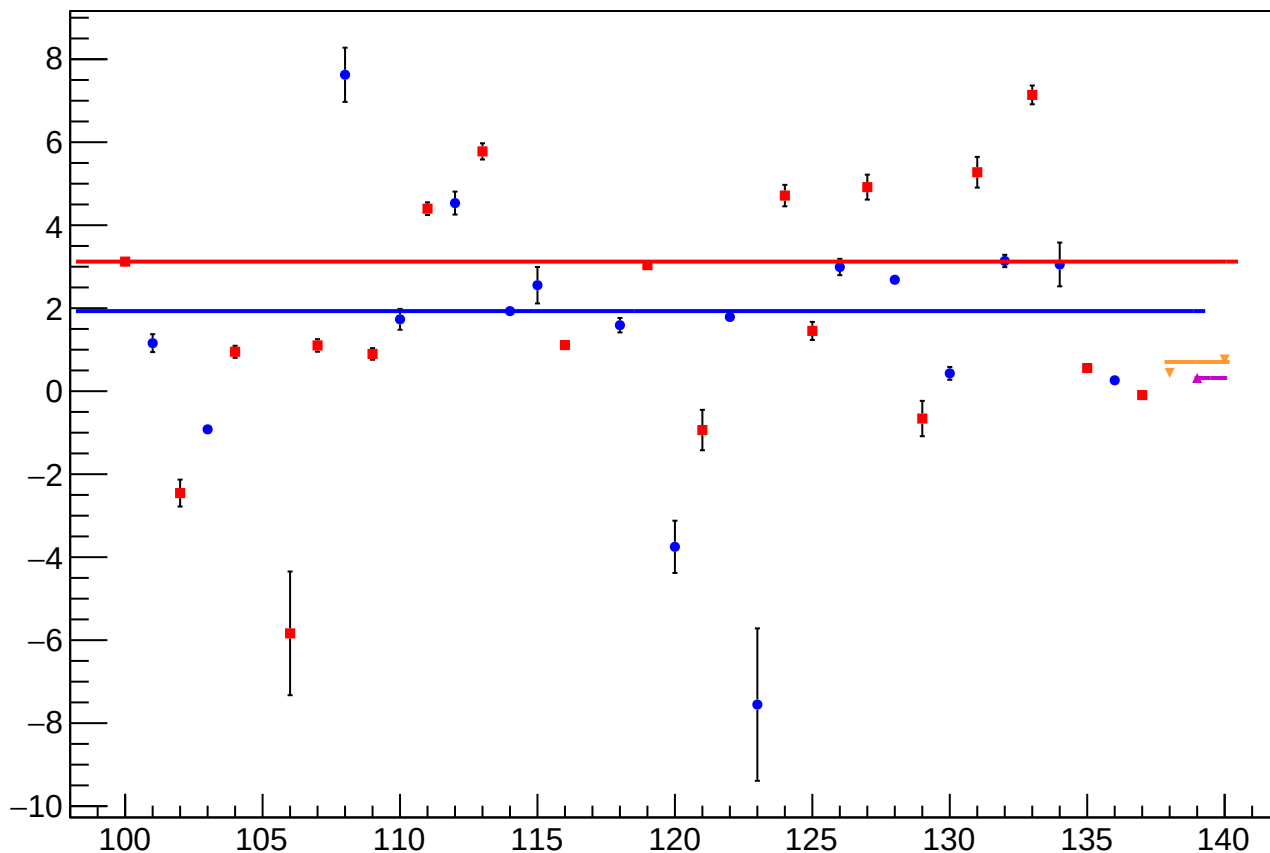
Right: -498.692 ± 0.000 $\chi^2/\text{NDF}: 918780.8/35$

In: -344.356 ± 0.237 $\chi^2/\text{NDF}: 53059.6/17$

Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 537045.9/20$

All: -498.692 ± 0.000 $\chi^2/\text{NDF}: 1013716.8/38$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF : 59970.9/16

Left Out: 0.704+/-0.008 χ^2/NDF :221.0/1

Right Out: 3.123+/-0.000 χ^2/NDF : 512565.5/18

Left In: 0.318+/-0.008 χ^2/NDF :0.0/0

Left: 0.515+/-0.006 χ^2/NDF : 1271.8/2

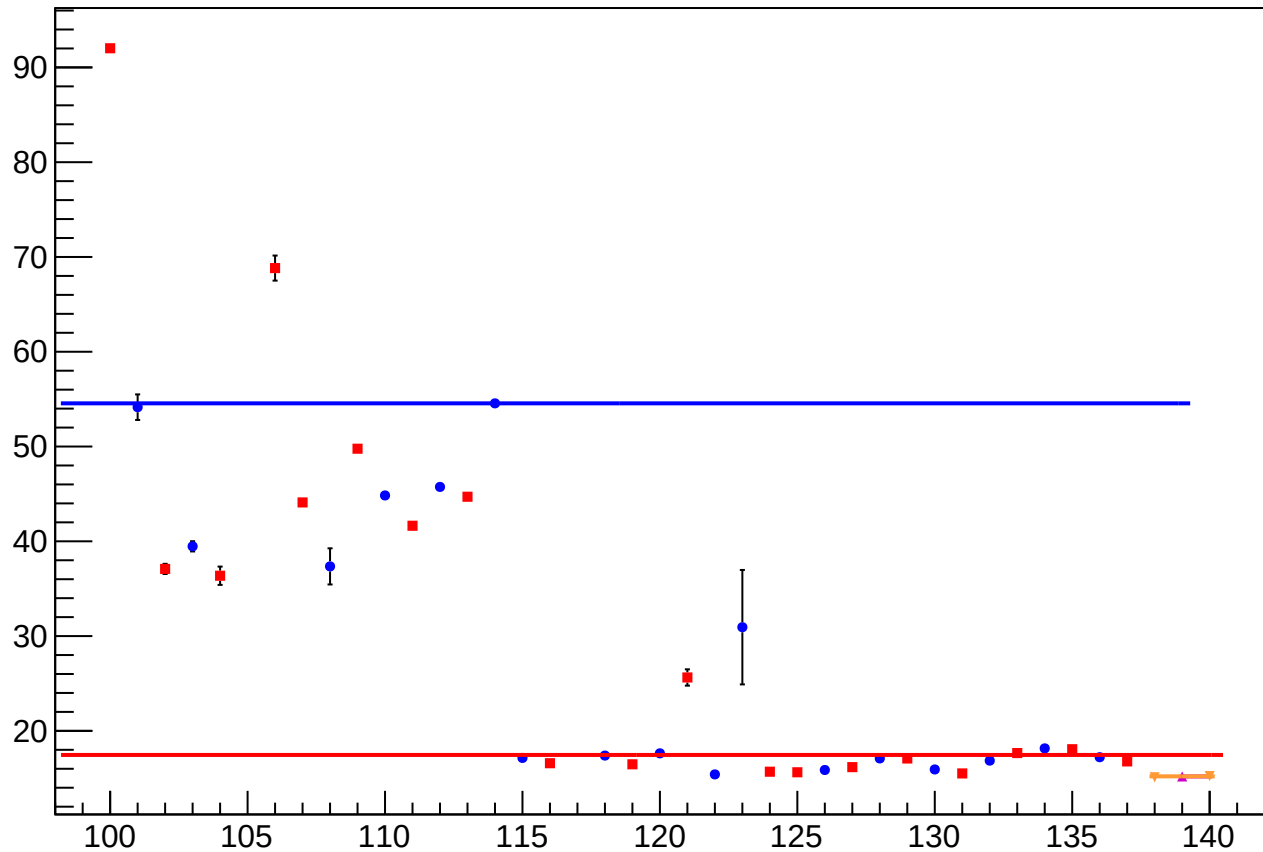
Right: 2.073+/-0.000 χ^2/NDF : 38099534578085305

In: 1.930+/-0.000 χ^2/NDF :95936.4/17

Out: 3.123+/-0.000 χ^2/NDF :596819.5/20

All: 2.073+/-0.000 χ^2/NDF : 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 7238433.0/16

Left Out: 15.202 $\pm$ 0.023 χ^2 /NDF: 4.7/1

Right Out: 17.458 $\pm$ 0.018 χ^2 /NDF: 99308.5/18

Left In: 15.190 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Left: 15.197 $\pm$ 0.018 χ^2 /NDF: 4.8/2

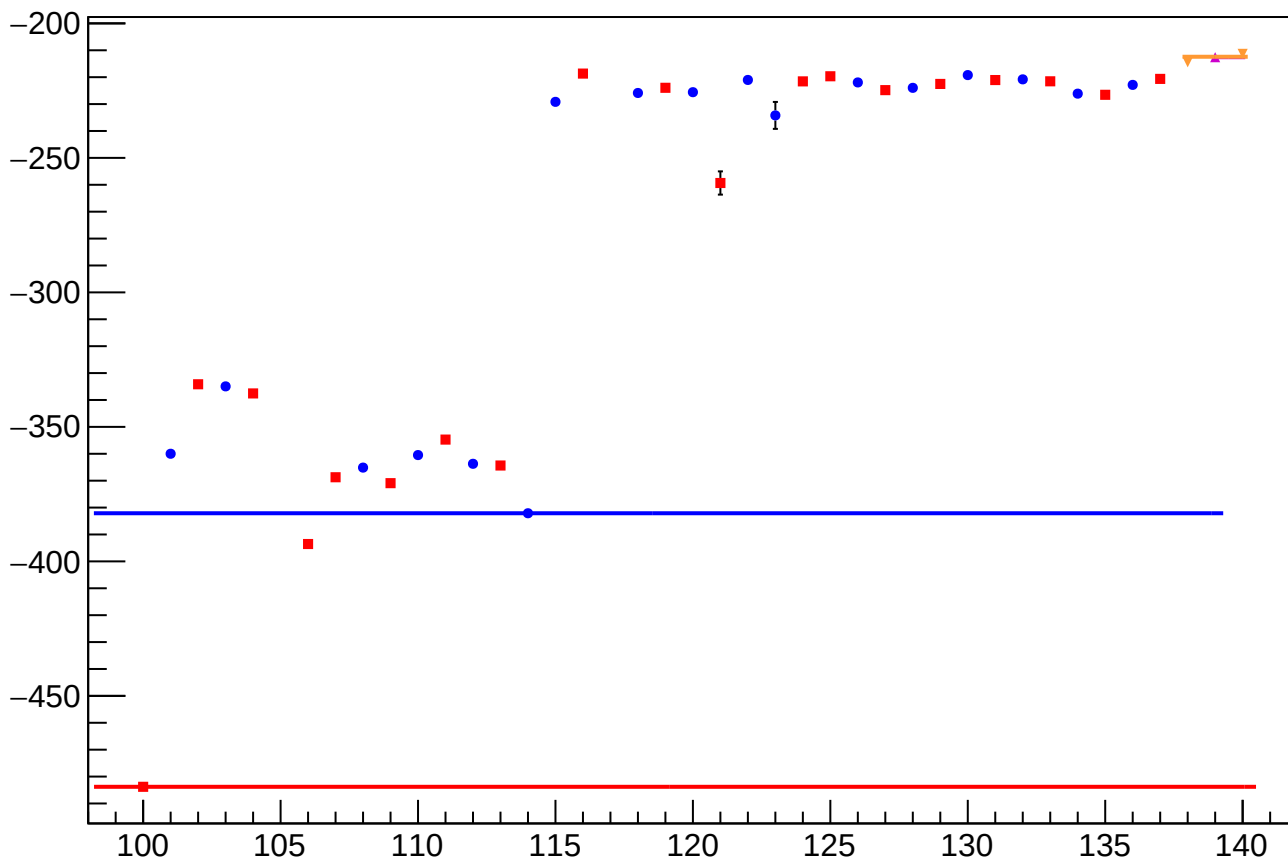
Right: 54.556 $\pm$ 0.000 χ^2 /NDF: 11453944.4/35

In: 54.556 $\pm$ 0.000 χ^2 /NDF: 9089060.1/17

Out: 16.587 $\pm$ 0.014 χ^2 /NDF: 105191.4/20

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 16216342.3/38

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -212.404+/-0.057 χ^2/NDF : 679.3/1

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

Left In: -212.573+/-0.094 χ^2/NDF : 0.0/0

Left: -212.450+/-0.049 χ^2/NDF : 681.7/2

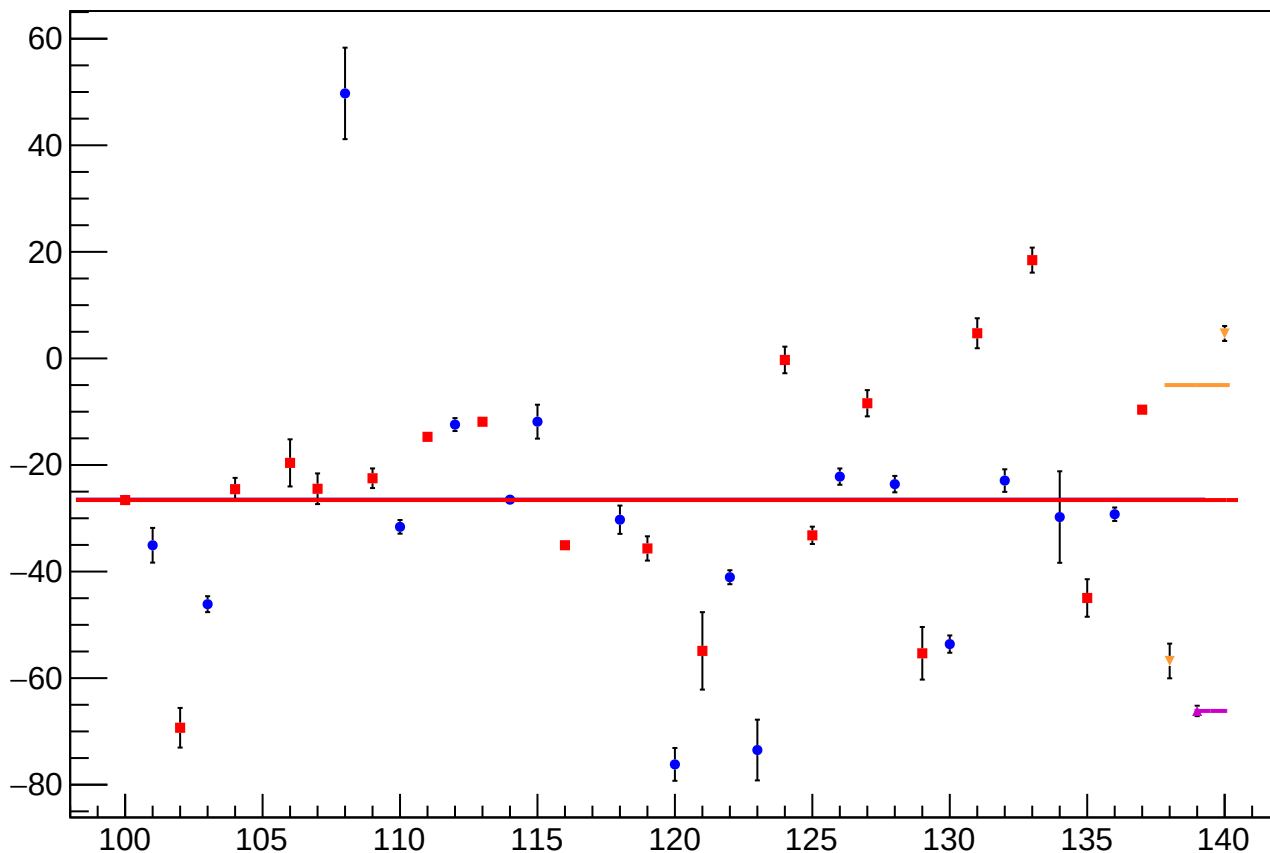
Right: -417.999+/-0.000 χ^2/NDF : 12425488813367

In: -382.108+/-0.000 χ^2/NDF : 21667240.7/17

Out: -483.800+/-0.000 χ^2/NDF : 46900818.5/20

All: -417.999+/-0.000 χ^2/NDF : 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 1180.7/16$

Left Out: -5.002 ± 1.292 $\chi^2/\text{NDF}: 300.5/1$

Right Out: -26.577 ± 0.000 $\chi^2/\text{NDF}: 2640.9/18$

Left In: -66.155 ± 0.978 $\chi^2/\text{NDF}: 0.0/0$

Left: -43.882 ± 0.780 $\chi^2/\text{NDF}: 1725.1/2$

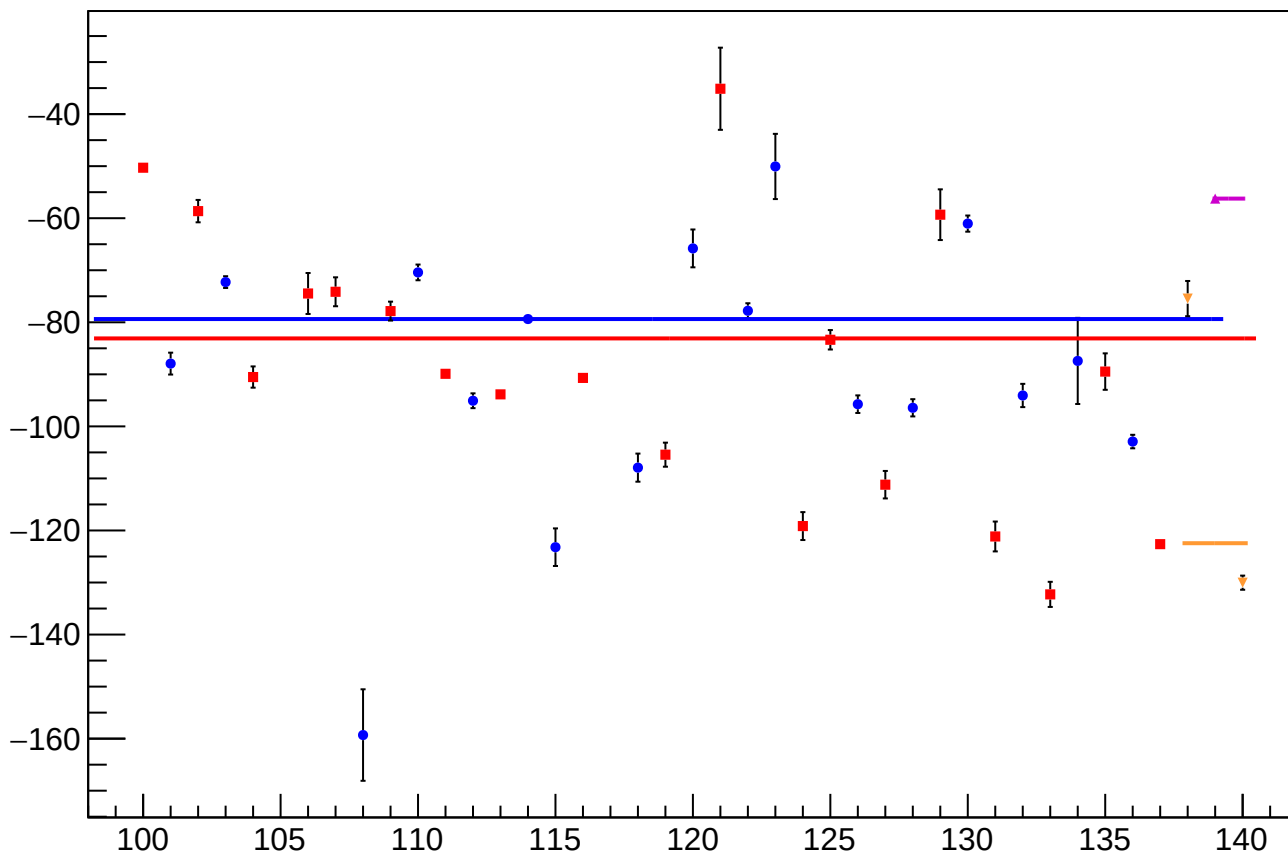
Right: -26.530 ± 0.000 $\chi^2/\text{NDF}: 412159279654659$

In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 2825.0/17$

Out: -26.577 ± 0.000 $\chi^2/\text{NDF}: 3220.3/20$

All: -26.530 ± 0.000 $\chi^2/\text{NDF}: 412159279654$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -122.448 ± 1.262 $\chi^2/\text{NDF}: 224.0/1$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

Left In: -56.232 ± 0.893 $\chi^2/\text{NDF}: 0.0/0$

Left: -78.336 ± 0.729 $\chi^2/\text{NDF}: 2059.4/2$

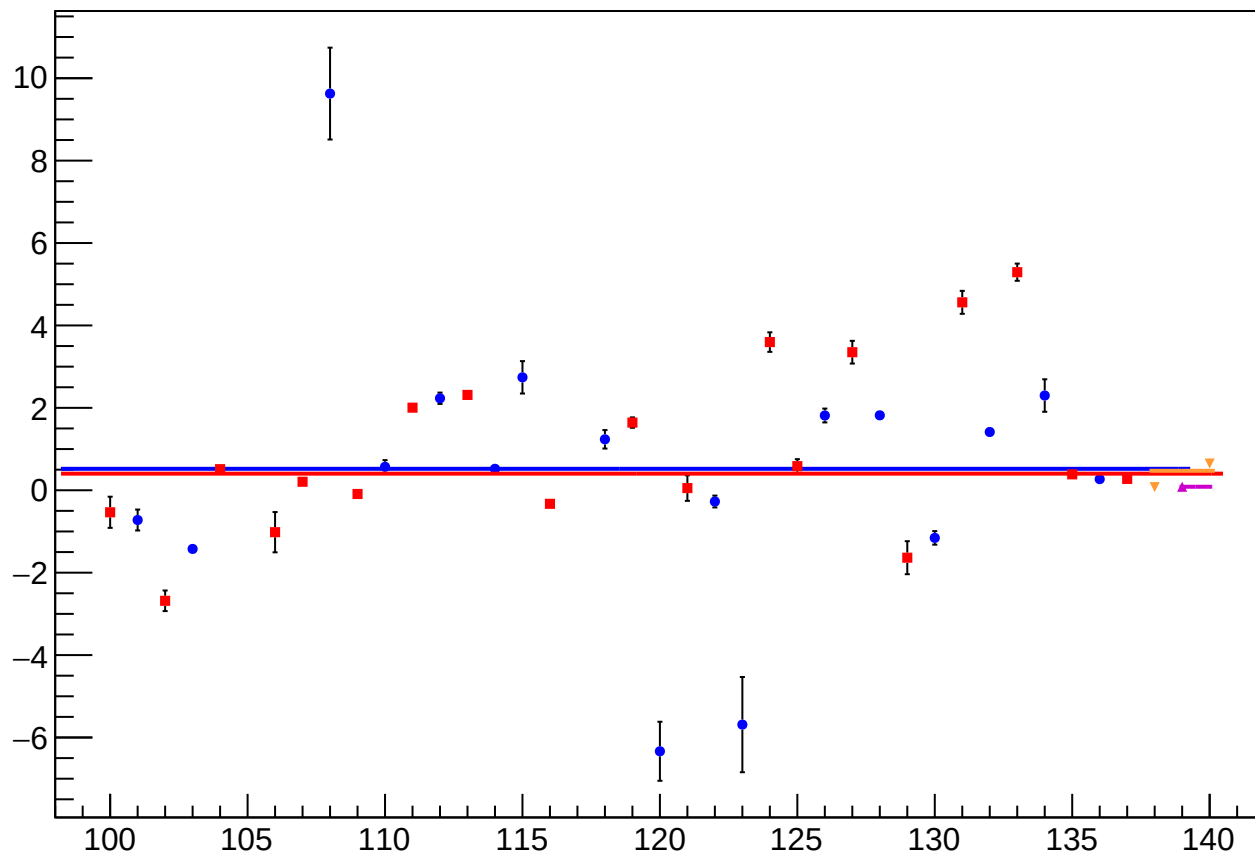
Right: -79.376 ± 0.000 $\chi^2/\text{NDF}: 13657.0/35$

In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1976.4/17$

Out: -83.869 ± 0.176 $\chi^2/\text{NDF}: 13093.7/20$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 15718.4/38$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.473+/-0.010 χ^2/NDF : 754.2/1

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

Left In: 0.085+/-0.009 χ^2/NDF : 0.0/0

Left: 0.270+/-0.007 χ^2/NDF : 1604.3/2

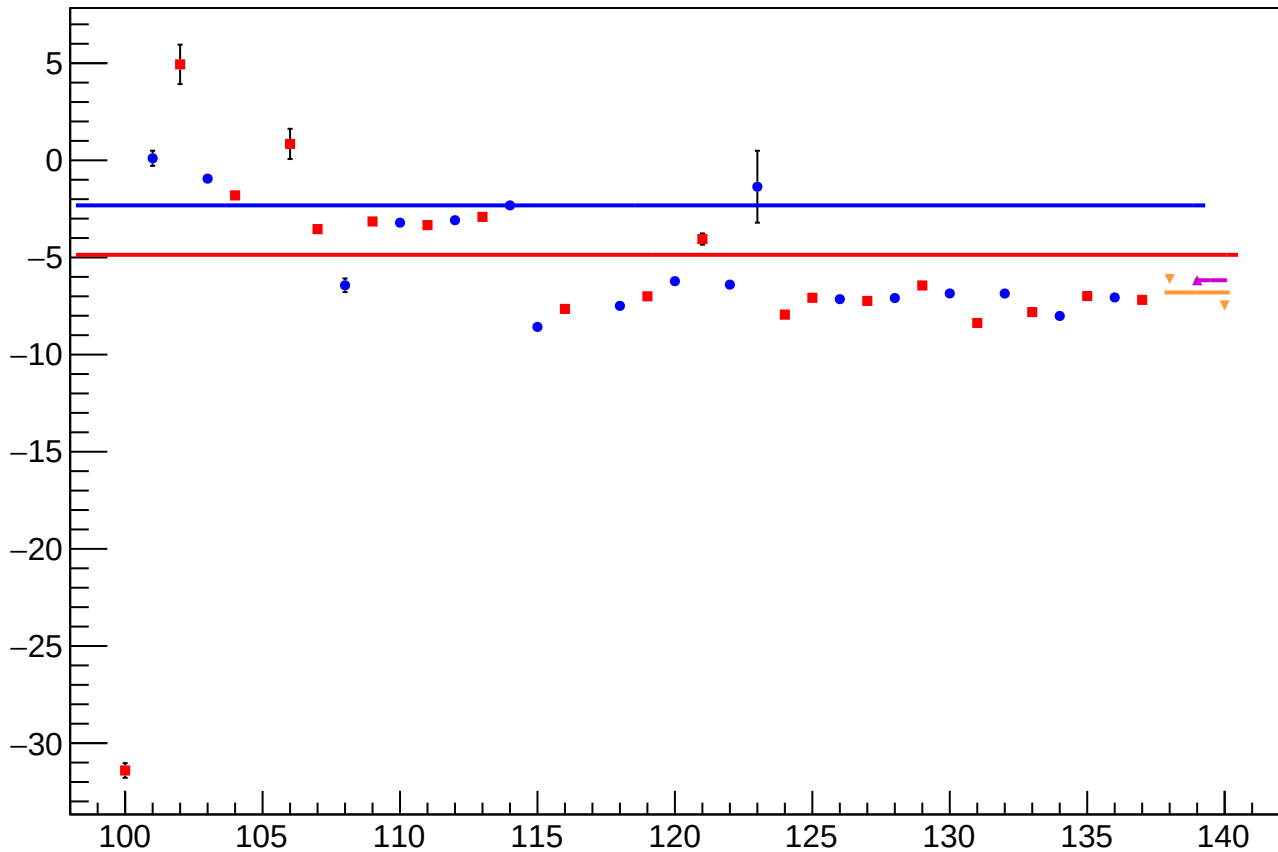
Right: 0.521+/-0.000 χ^2/NDF : 6215.1/35

In: 0.521+/-0.000 χ^2/NDF : 5619.3/17

Out: 0.442+/-0.007 χ^2/NDF : 3504.7/20

All: 0.521+/-0.000 χ^2/NDF : 9242.5/38

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 270771.9/16$

Left Out: -6.802 ± 0.026 $\chi^2/\text{NDF}: 667.2/1$

Right Out: -4.864 ± 0.010 $\chi^2/\text{NDF}: 49380.5/18$

Left In: -6.173 ± 0.017 $\chi^2/\text{NDF}: 0.0/0$

Left: -6.365 ± 0.015 $\chi^2/\text{NDF}: 1064.7/2$

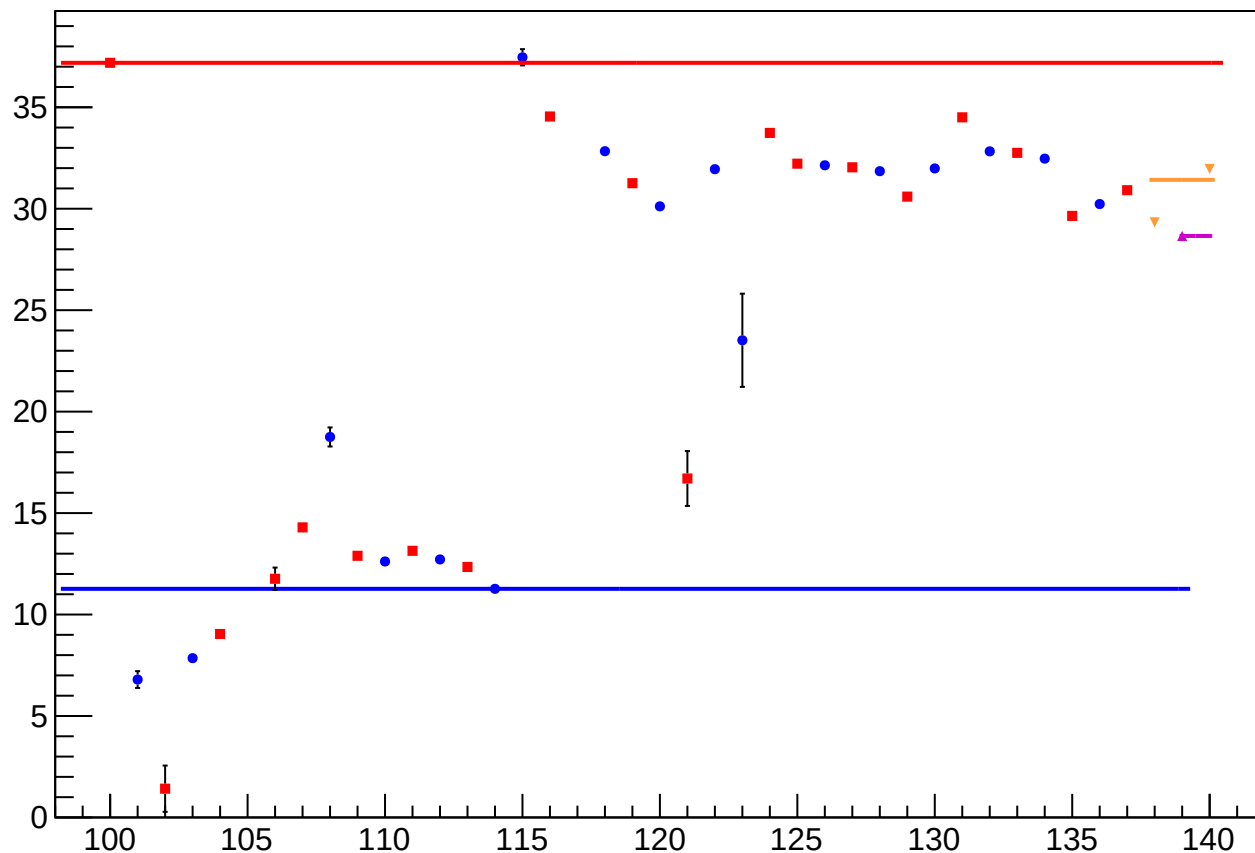
Right: -2.320 ± 0.000 $\chi^2/\text{NDF}: 381161.7/35$

In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 319445.7/17$

Out: -5.123 ± 0.010 $\chi^2/\text{NDF}: 54759.7/20$

All: -2.320 ± 0.000 $\chi^2/\text{NDF}: 459605.5/38$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF : 958029.3/16

Left Out: 31.423+/-0.048 χ^2/NDF :494.0/1

Right Out: 37.191+/-0.000 χ^2/NDF : 1121929.1/18

Left In: 28.658+/-0.047 χ^2/NDF :0.0/0

Left: 30.012+/-0.033 χ^2/NDF : 2210.9/2

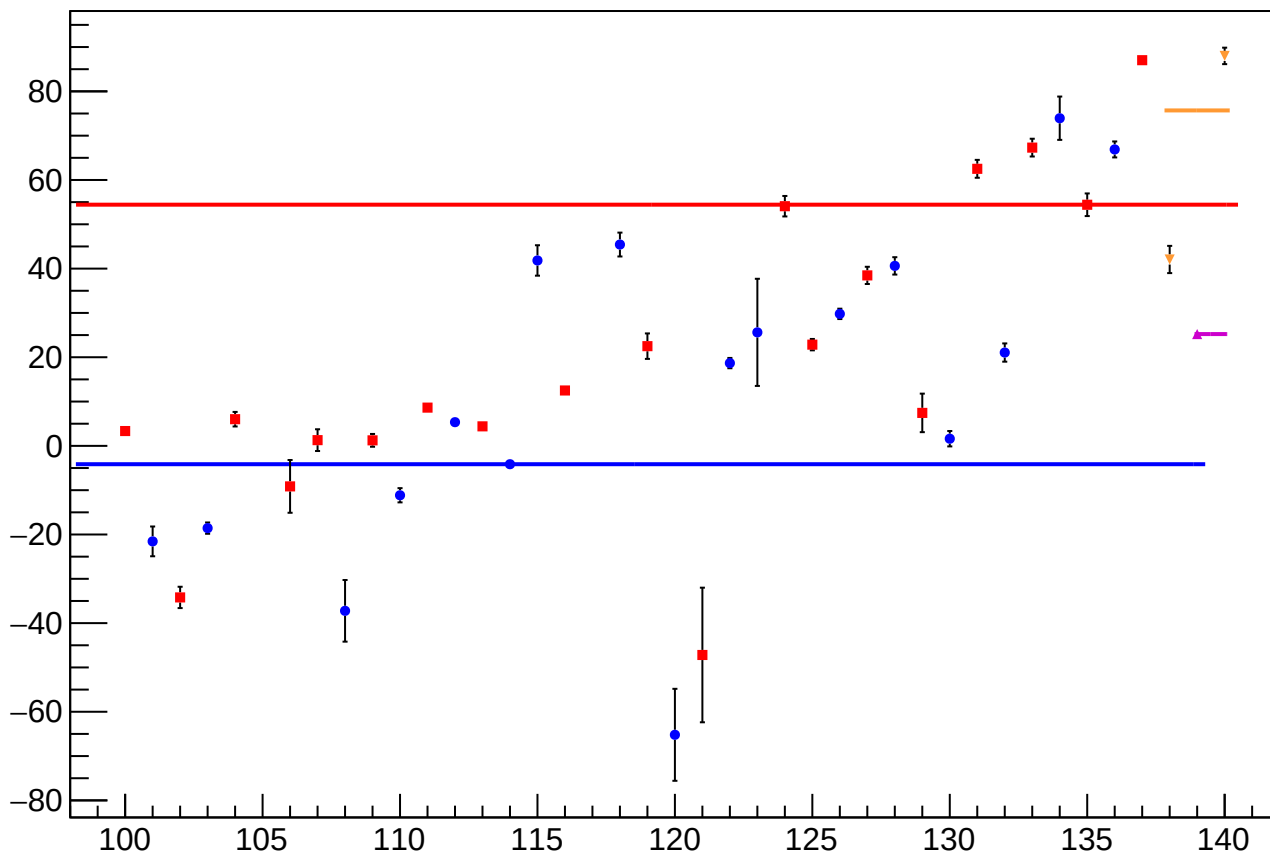
Right: 12.122+/-0.000 χ^2/NDF : 7723055694978834

In: 11.268+/-0.000 χ^2/NDF :1096728.2/17

Out: 37.191+/-0.000 χ^2/NDF :1137051.7/20

All: 12.122+/-0.000 χ^2/NDF : 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139 ± 0.000 $\chi^2/\text{NDF}: 4654.2/16$

Left Out: 75.695 ± 1.590 $\chi^2/\text{NDF}: 163.7/1$

Right Out: 54.427 ± 0.170 $\chi^2/\text{NDF}: 53998.7/18$

Left In: 25.228 ± 0.730 $\chi^2/\text{NDF}: 0.0/0$

Left: 34.008 ± 0.663 $\chi^2/\text{NDF}: 995.6/2$

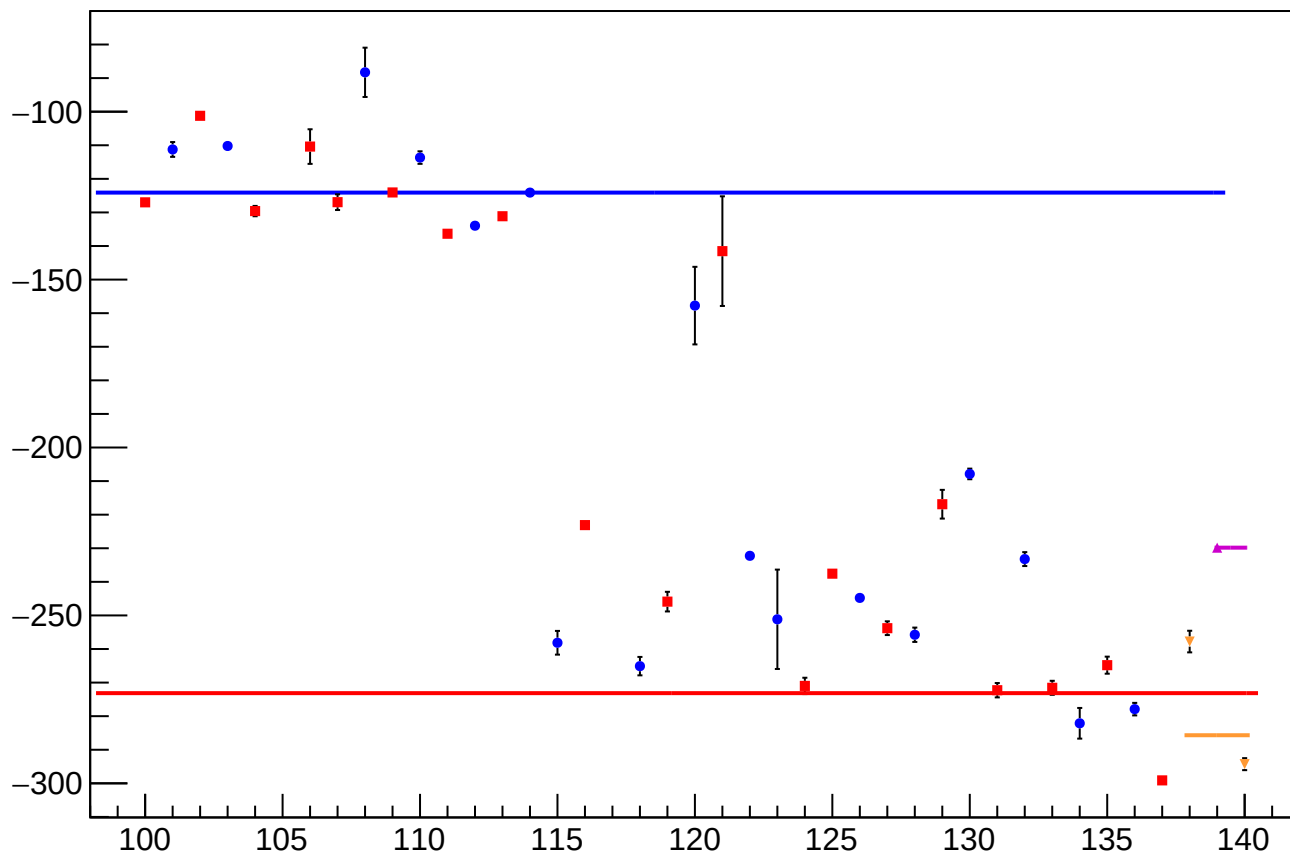
Right: -4.139 ± 0.000 $\chi^2/\text{NDF}: 177029.3/35$

In: -4.139 ± 0.000 $\chi^2/\text{NDF}: 6273.5/17$

Out: 54.668 ± 0.169 $\chi^2/\text{NDF}: 54339.2/20$

All: -4.139 ± 0.000 $\chi^2/\text{NDF}: 181332.7/38$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095 ± 0.000 χ^2/NDF : 38152.5/16

Left Out: -285.677 ± 1.563 χ^2/NDF : 98.3/1

Right Out: -273.143 ± 0.113 χ^2/NDF : 280141.9/18

Left In: -229.822 ± 0.681 χ^2/NDF : 0.0/0

Left: -238.720 ± 0.624 χ^2/NDF : 1171.4/2

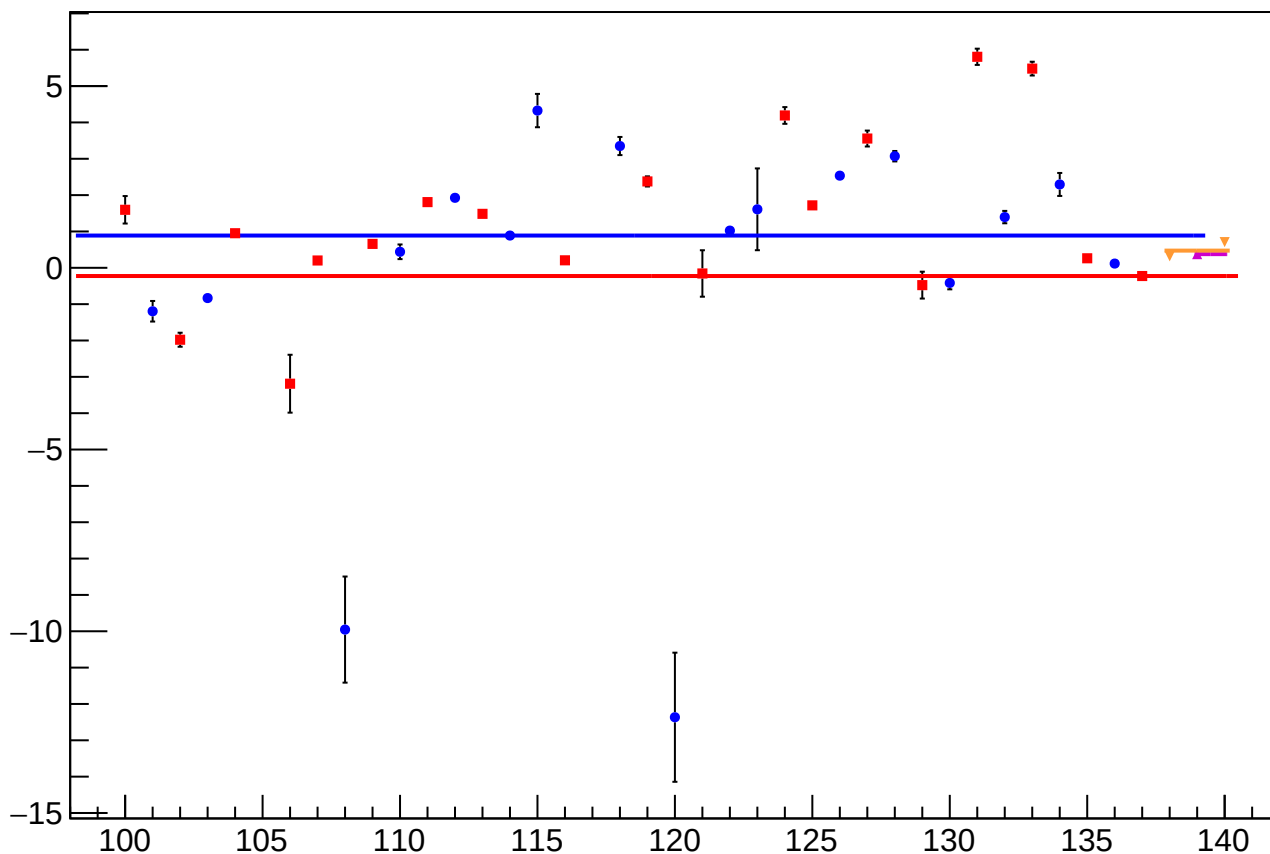
Right: -124.095 ± 0.000 χ^2/NDF : 2066776.4/35

In: -124.095 ± 0.000 χ^2/NDF : 62288.9/17

Out: -273.208 ± 0.112 χ^2/NDF : 280304.1/20

All: -124.095 ± 0.000 χ^2/NDF : 2101693.7/38

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.473 ± 0.011 χ^2/NDF : 320.1/1

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

Left In: 0.376 ± 0.012 χ^2/NDF : 0.0/0

Left: 0.430 ± 0.008 χ^2/NDF : 357.0/2

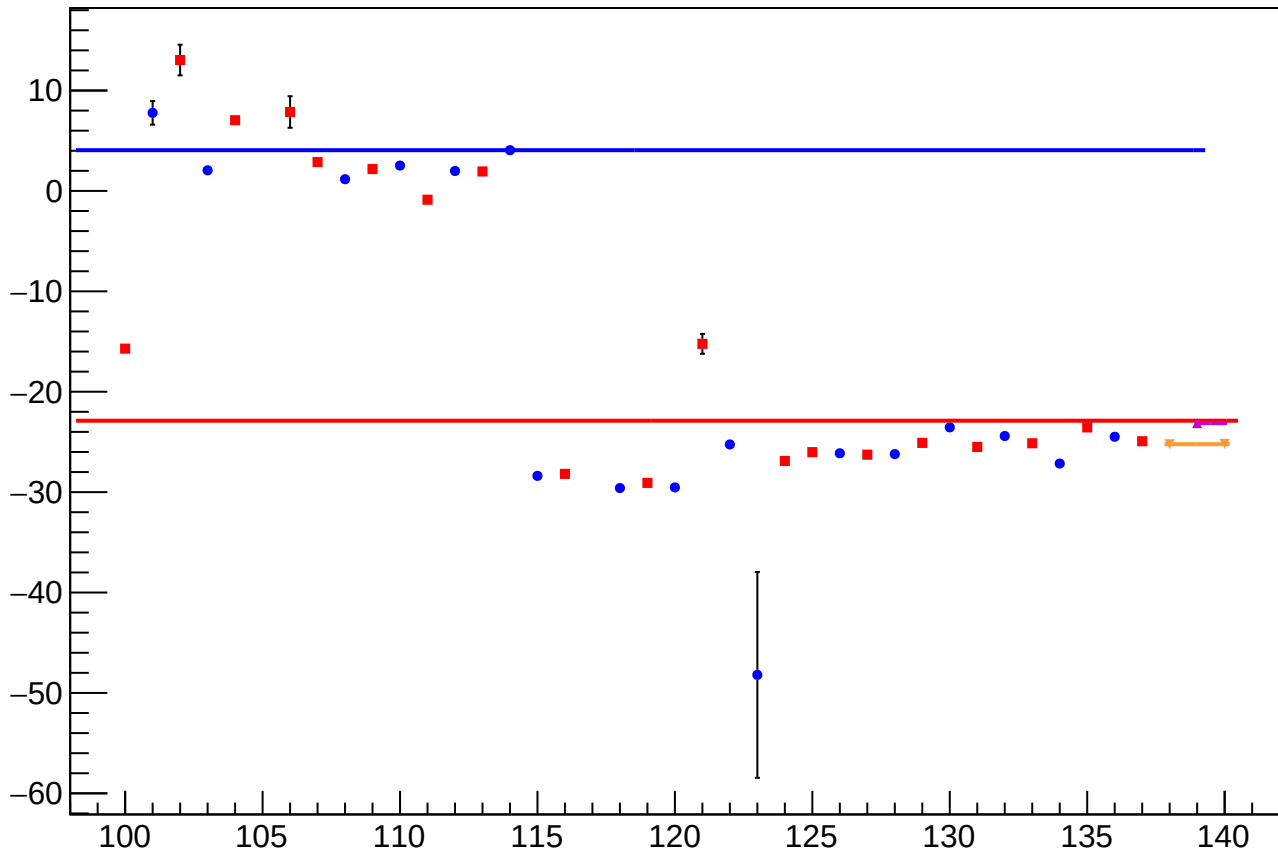
Right: 0.888 ± 0.000 χ^2/NDF : 422220530.0/35

In: 0.888 ± 0.000 χ^2/NDF : 10535.0/17

Out: -0.226 ± 0.000 χ^2/NDF : 9613.0/20

All: 0.888 ± 0.000 χ^2/NDF : 422224211.6/38

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -25.223+/-0.078 χ^2/NDF : 0.1/1

Right Out: -22.885+/-0.026 χ^2/NDF : 116508.9/18

Left In: -23.121+/-0.084 χ^2/NDF : 0.0/0

Left: -24.252+/-0.057 χ^2/NDF : 336.9/2

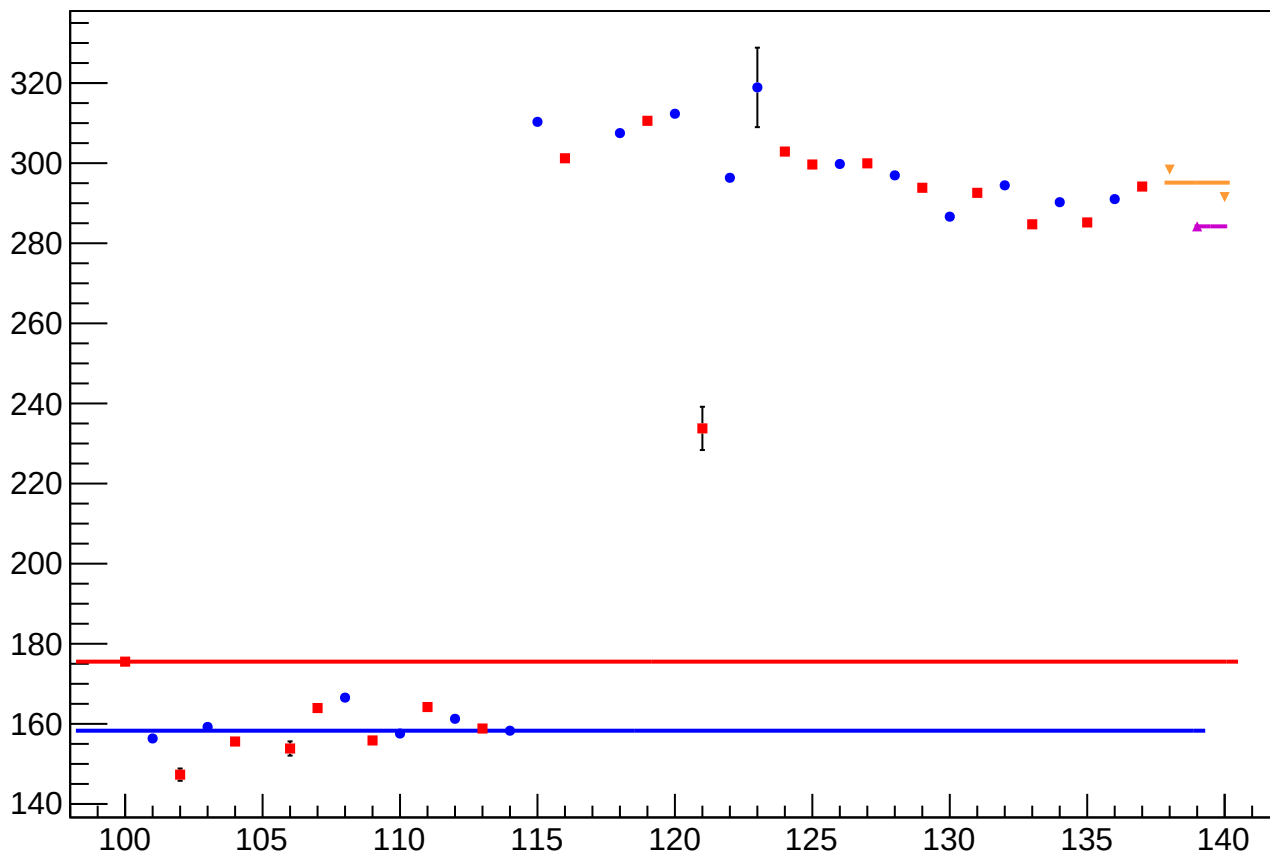
Right: 4.057+/-0.000 χ^2/NDF : 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF : 1352481.8/17

Out: -23.125+/-0.025 χ^2/NDF : 117318.3/20

All: 4.057+/-0.000 χ^2/NDF : 2658170.6/38

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 295.136+/-0.148 χ^2/NDF : 535.1/1

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

Left In: 284.221+/-0.271 χ^2/NDF : 0.0/0

Left: 292.633+/-0.130 χ^2/NDF : 1781.1/2

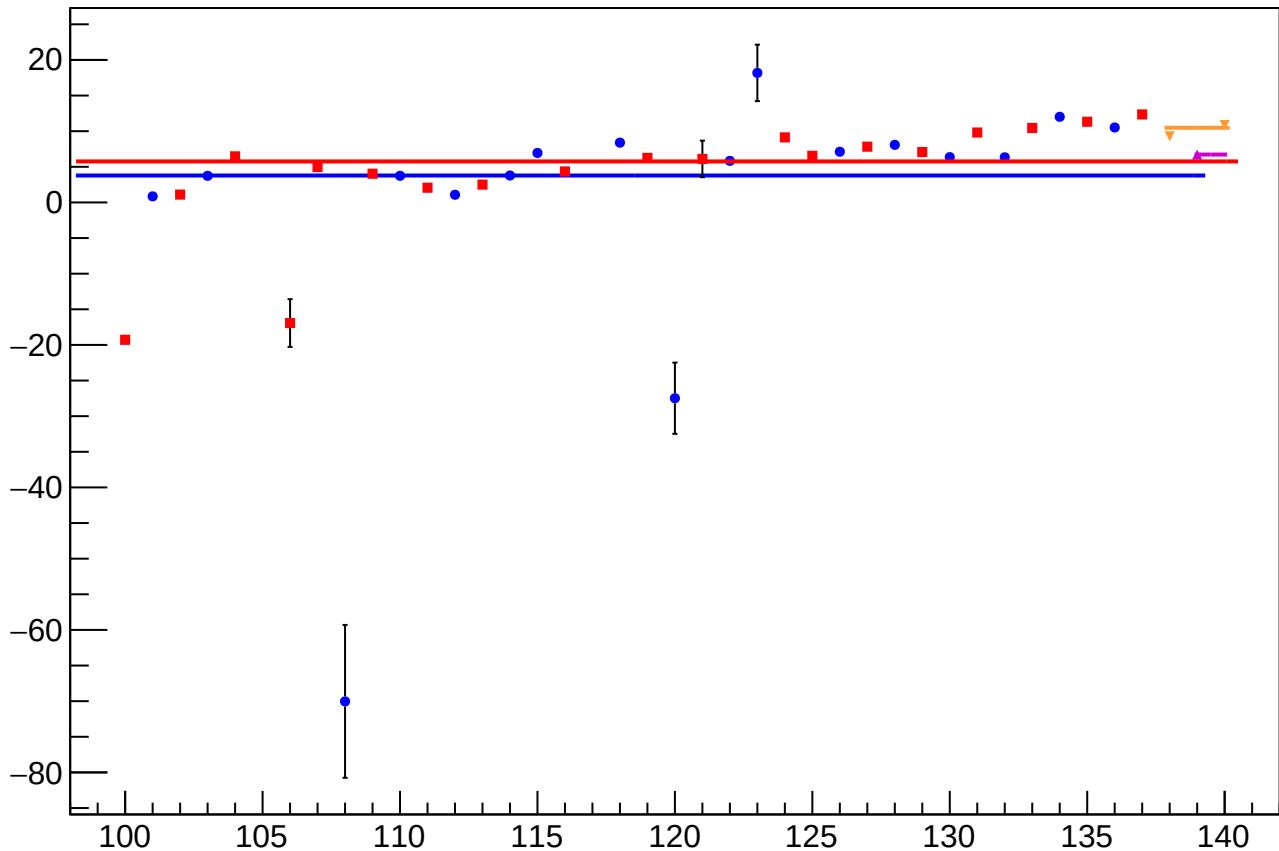
Right: 172.618+/-0.000 χ^2/NDF : 373727491225928

In: 158.293+/-0.000 χ^2/NDF : 2626091.4/17

Out: 175.536+/-0.000 χ^2/NDF : 2753162.1/20

All: 172.618+/-0.000 χ^2/NDF : 373727491225

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.484 ± 0.158 χ^2/NDF : 18.1/1

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

Left In: 6.720 ± 0.087 χ^2/NDF : 0.0/0

Left: 7.602 ± 0.076 χ^2/NDF : 453.8/2

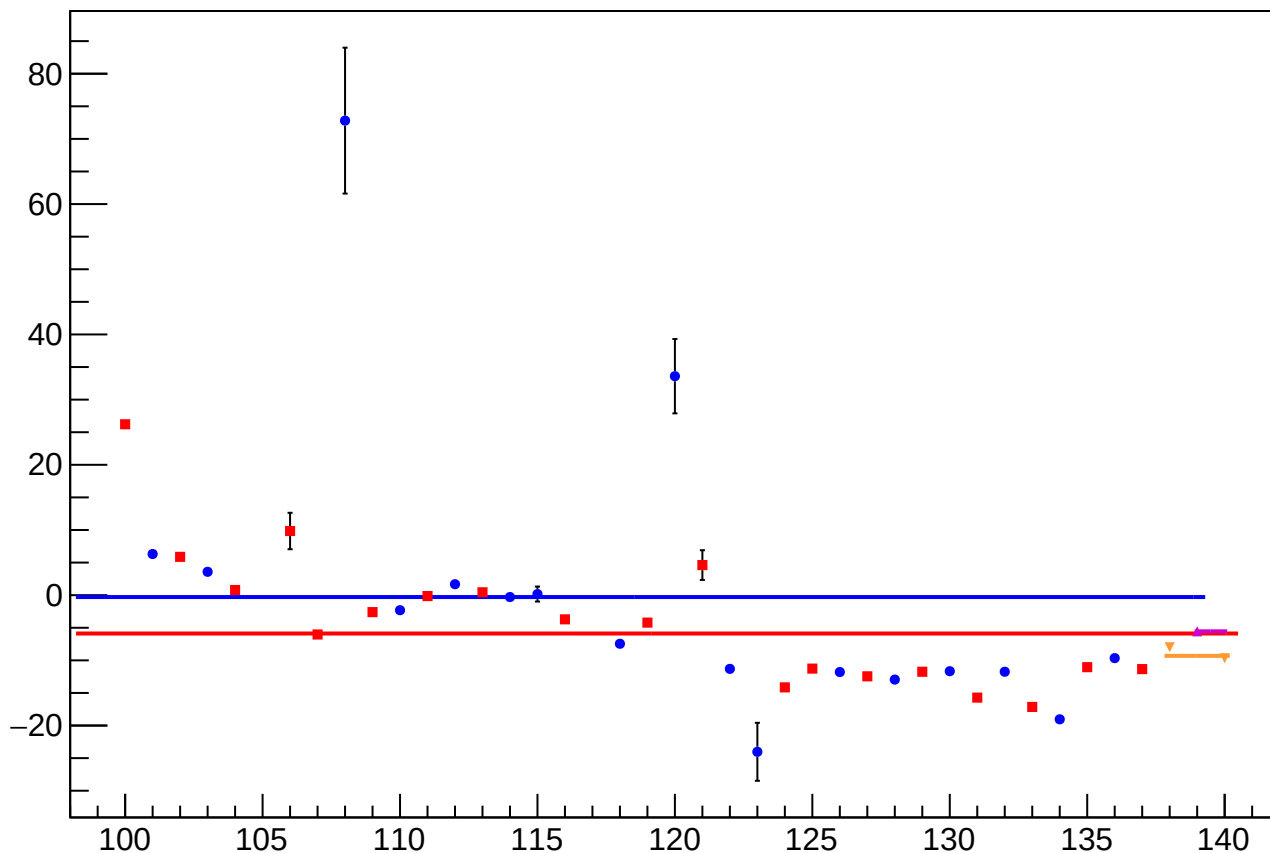
Right: 3.778 ± 0.000 χ^2/NDF : 35056.1/35

In: 3.778 ± 0.000 χ^2/NDF : 8006.2/17

Out: 5.879 ± 0.025 χ^2/NDF : 23184.2/20

All: 3.778 ± 0.000 χ^2/NDF : 38014.7/38

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -9.308 ± 0.158 χ^2/NDF : 19.5/1

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

Left In: -5.543 ± 0.098 χ^2/NDF : 0.0/0

Left: -6.591 ± 0.083 χ^2/NDF : 429.0/2

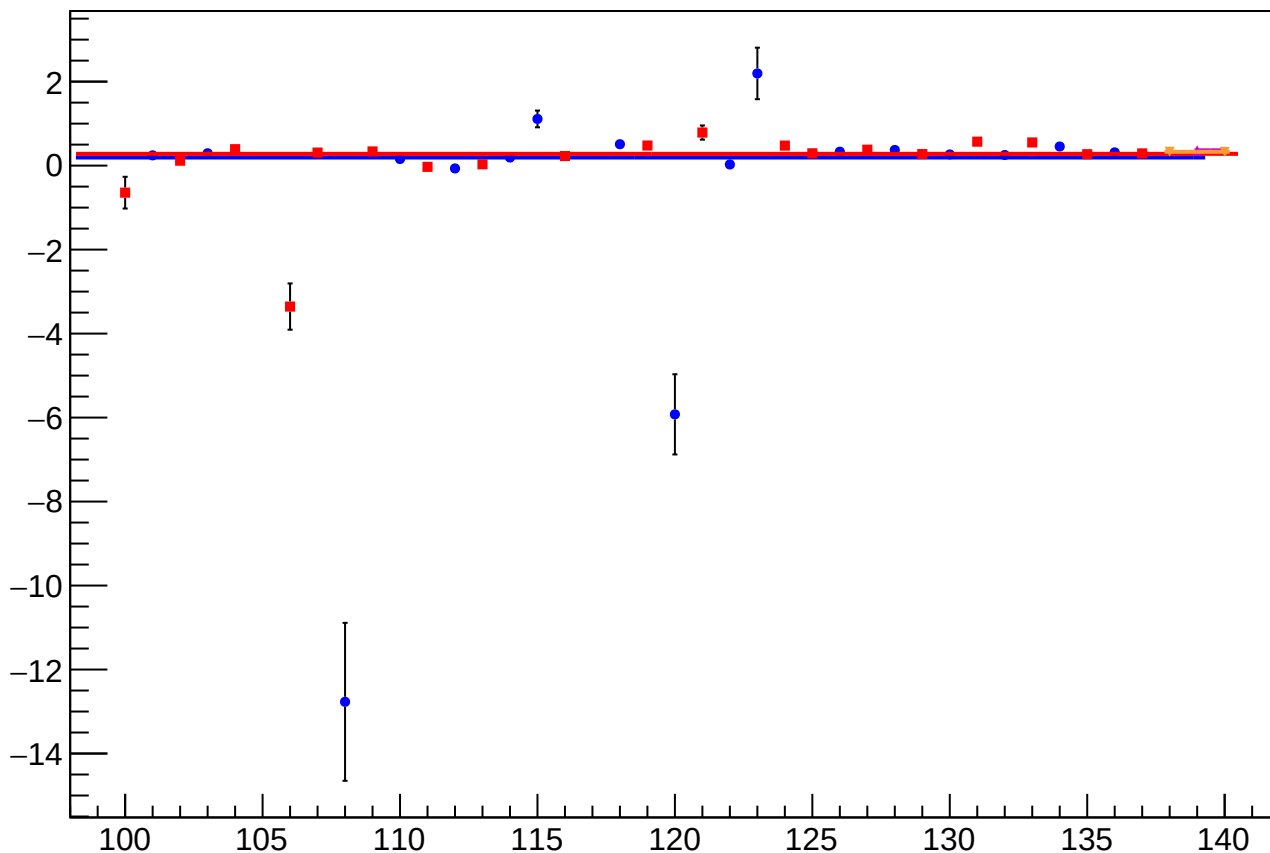
Right: -0.287 ± 0.000 χ^2/NDF : 150060.6/35

In: -0.287 ± 0.000 χ^2/NDF : 47145.4/17

Out: -5.981 ± 0.027 χ^2/NDF : 63969.7/20

All: -0.287 ± 0.000 χ^2/NDF : 156205.6/38

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.329 $\pm$ 0.001 χ^2 /NDF: 1.4/1

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

Left In: 0.364 $\pm$ 0.006 χ^2 /NDF: 0.0/0

Left: 0.331 $\pm$ 0.001 χ^2 /NDF: 36.7/2

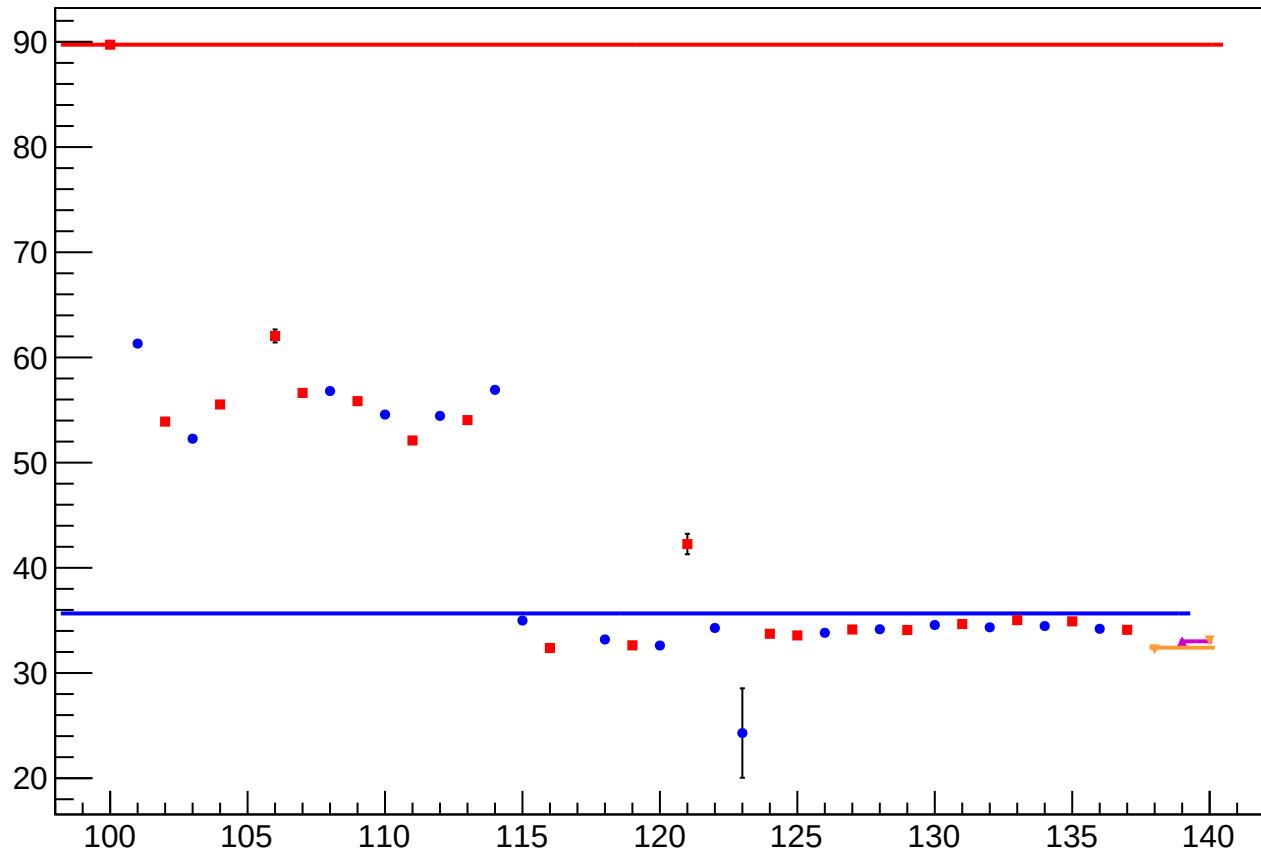
Right: 0.193 $\pm$ 0.000 χ^2 /NDF: 19578.7/35

In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10913.3/17

Out: 0.305 $\pm$ 0.001 χ^2 /NDF: 6592.4/20

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 28869.6/38

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF : 218662.5/16

Left Out: 32.409+/-0.022 χ^2/NDF :242.4/1

Right Out: 89.735+/-0.000 χ^2/NDF : 25801560.6/18

Left In: 33.012+/-0.029 χ^2/NDF :0.0/0

Left: 32.629+/-0.017 χ^2/NDF : 521.6/2

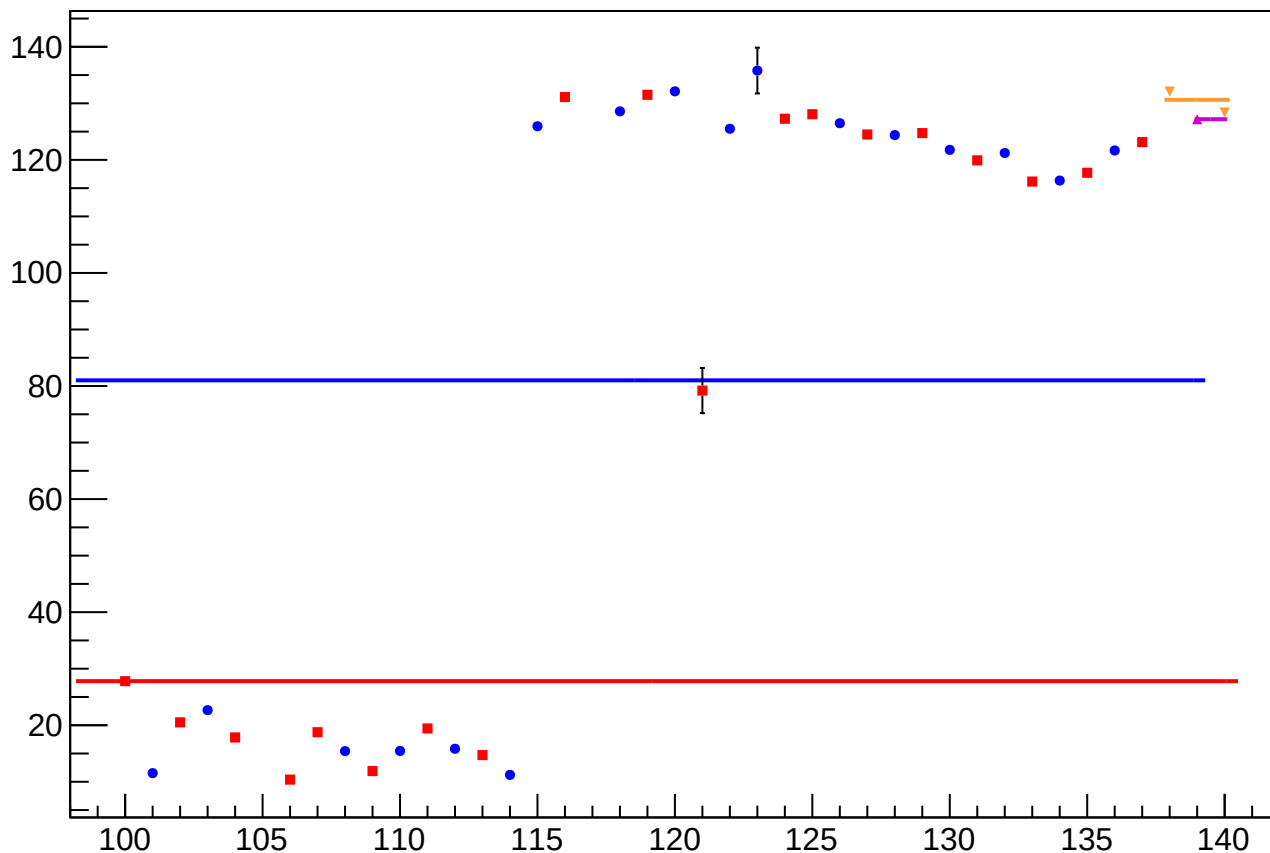
Right: 89.735+/-0.000 χ^2/NDF : 48650023.7/35

In: 35.305+/-0.011 χ^2/NDF :226026.7/17

Out: 89.735+/-0.000 χ^2/NDF :32721806.6/20

All: 89.735+/-0.000 χ^2/NDF : 59464657.5/38

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 130.620 $\pm$ 0.057 χ^2 /NDF:1011.0/1

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

Left In: 127.194 $\pm$ 0.097 χ^2 /NDF:0.0/0

Left: 129.743 $\pm$ 0.049 χ^2 /NDF: 1939.4/2

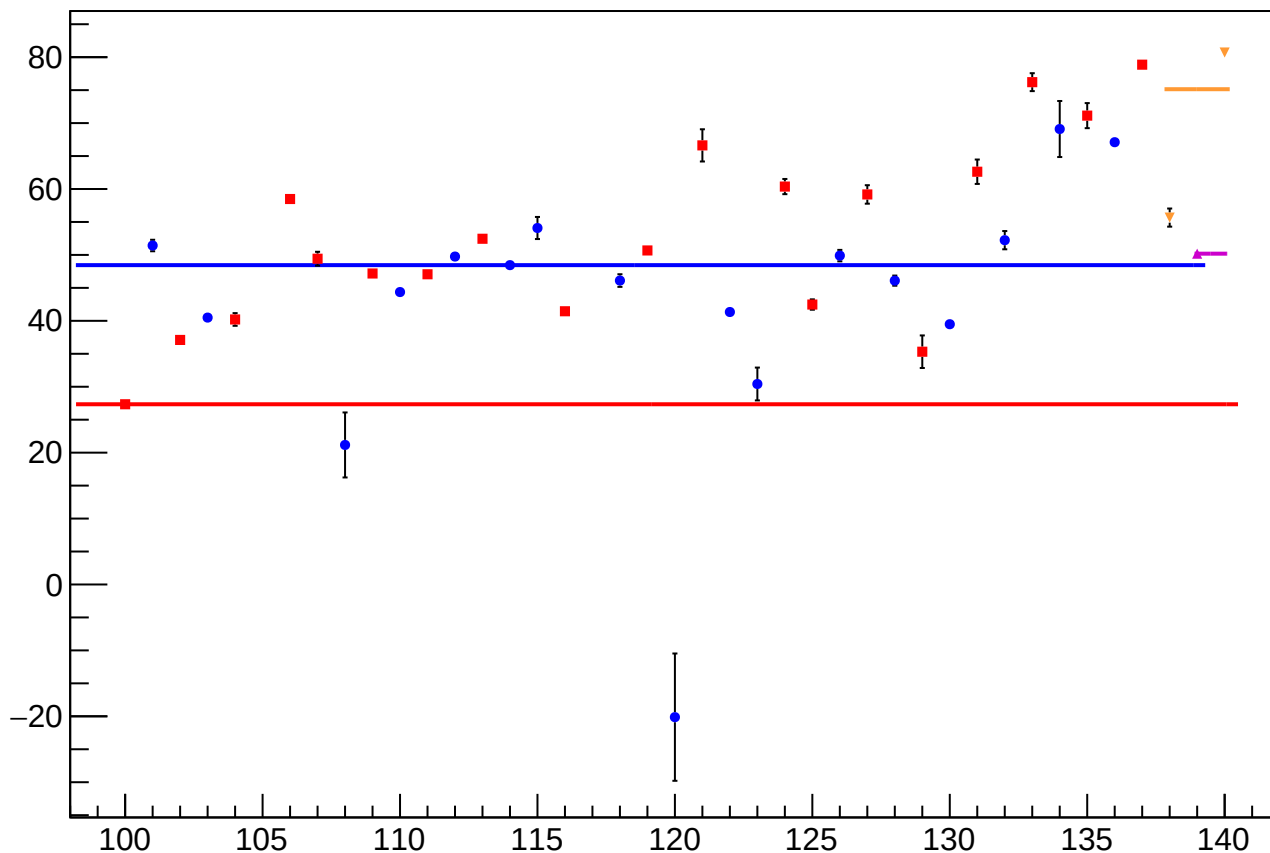
Right: 27.798 $\pm$ 0.000 χ^2 /NDF: 13786729.0/35

In: 86.202 $\pm$ 0.033 χ^2 /NDF:2430174.7/17

Out: 27.798 $\pm$ 0.000 χ^2 /NDF:12451687.9/20

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 18105049.2/38

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 75.141 $\pm$ 0.648 χ^2 /NDF:257.9/1

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

Left In: 50.189 $\pm$ 0.508 χ^2 /NDF:0.0/0

Left: 59.677 $\pm$ 0.400 χ^2 /NDF: 1175.8/2

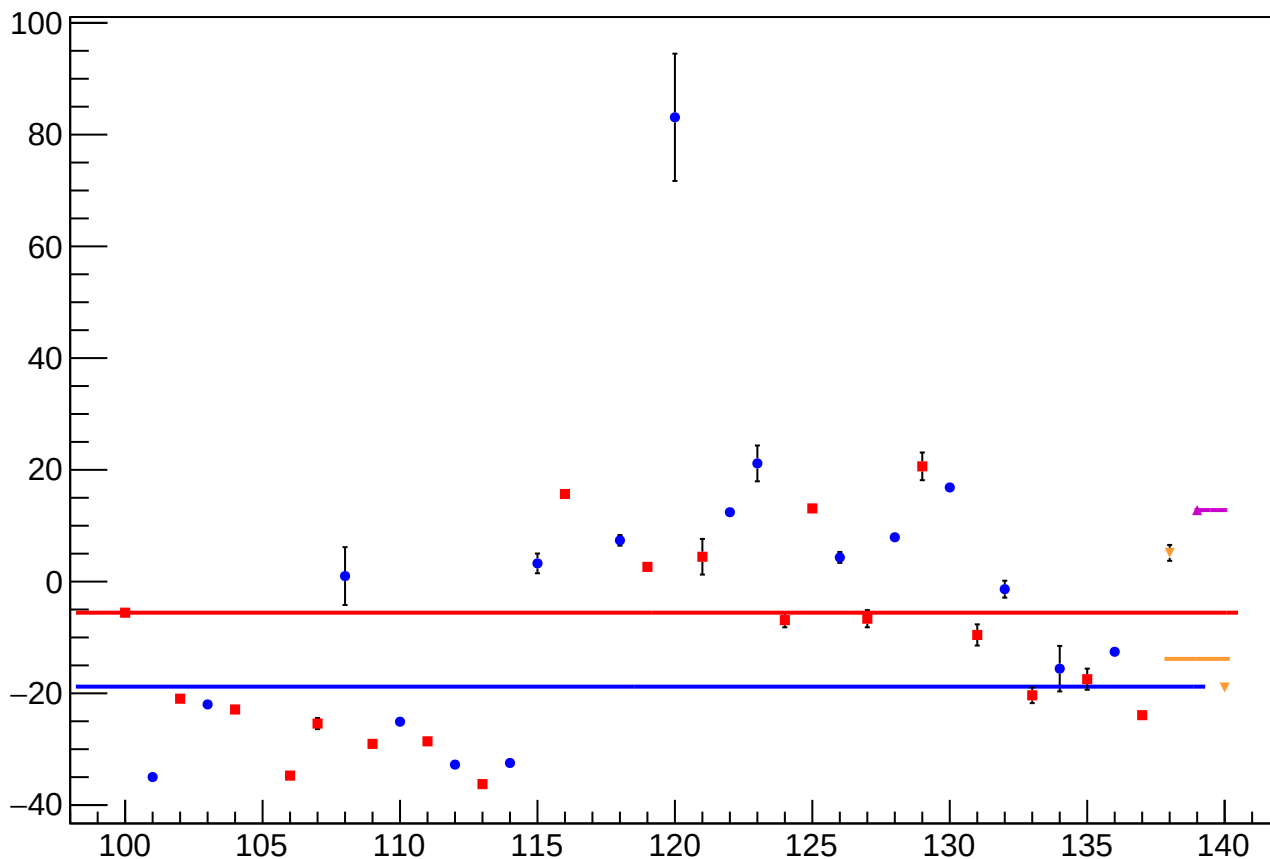
Right: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888328

In: 48.450 $\pm$ 0.000 χ^2 /NDF:2763.1/17

Out: 27.342 $\pm$ 0.000 χ^2 /NDF:31503.2/20

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: -13.833 ± 0.656 $\chi^2/\text{NDF}: 226.5/1$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

Left In: 12.799 ± 0.494 $\chi^2/\text{NDF}: 0.0/0$

Left: 3.161 ± 0.394 $\chi^2/\text{NDF}: 1279.0/2$

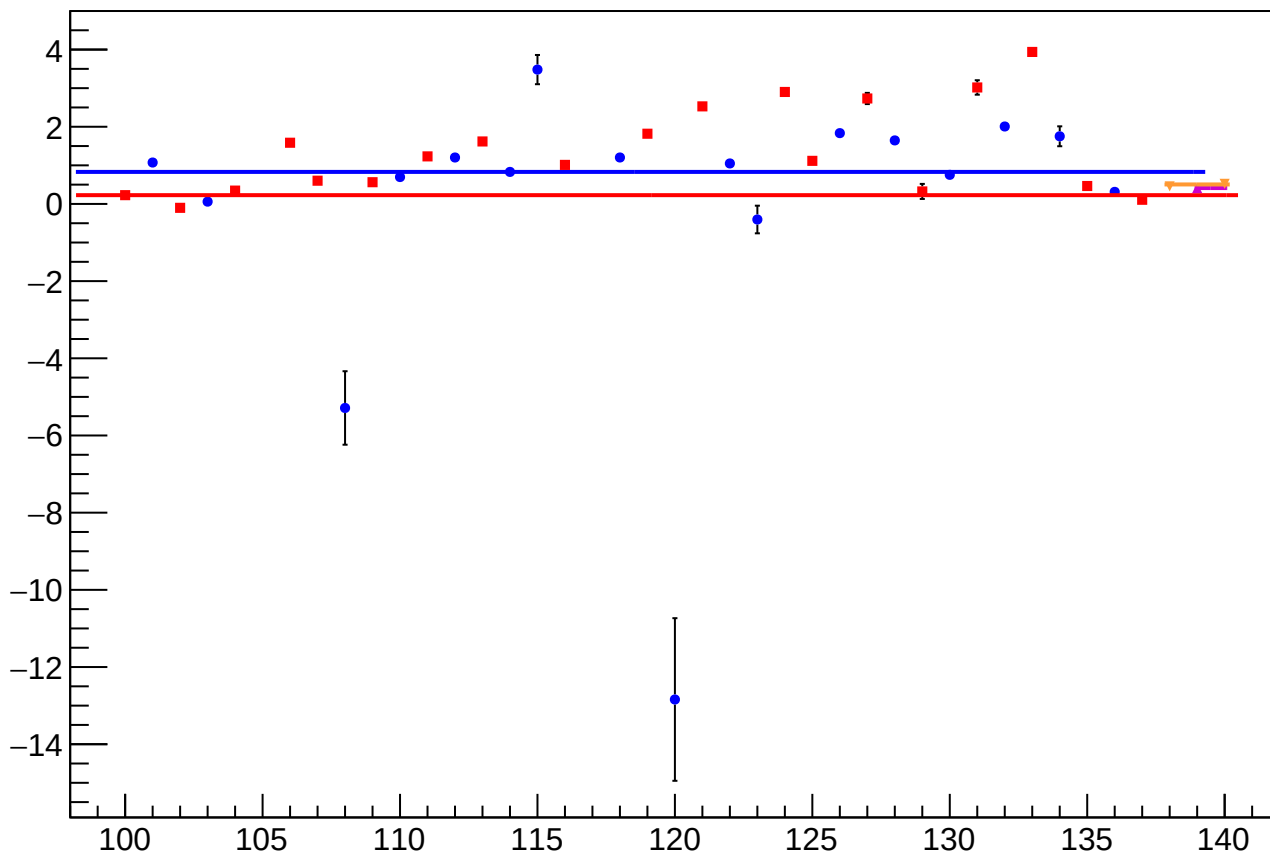
Right: -5.568 ± 0.000 $\chi^2/\text{NDF}: 42808.5/35$

In: -16.181 ± 0.142 $\chi^2/\text{NDF}: 15519.8/17$

Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23482.7/20$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 44577.1/38$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.505 ± 0.004 χ^2/NDF : 47.1/1

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

Left In: 0.412 ± 0.005 χ^2/NDF : 0.0/0

Left: 0.469 ± 0.003 χ^2/NDF : 242.5/2

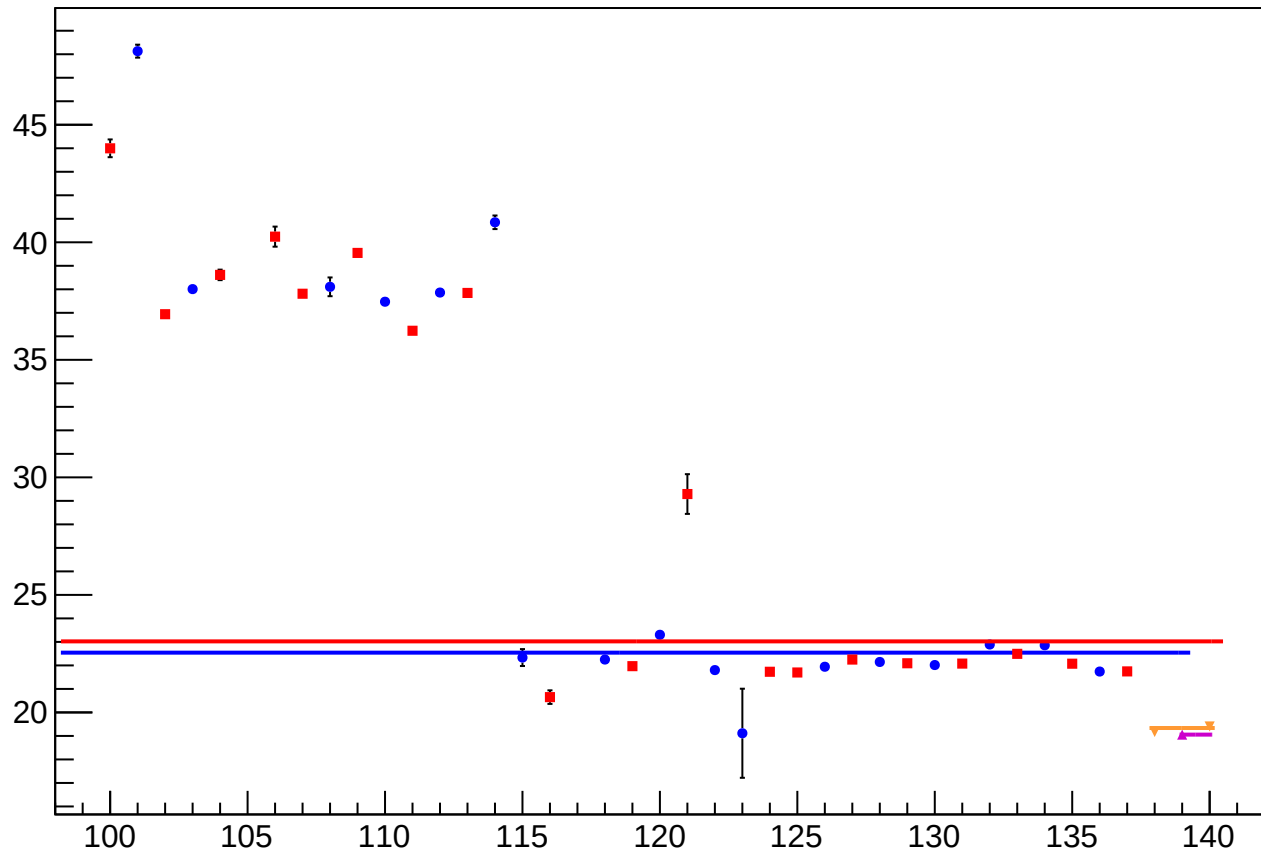
Right: 0.289 ± 0.000 χ^2/NDF : 29066082561457147

In: 0.830 ± 0.000 χ^2/NDF : 21207.0/17

Out: 0.227 ± 0.000 χ^2/NDF : 16394.6/20

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457147

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543+/-0.009 χ^2/NDF : 105452.8/16

Left Out: 19.337+/-0.019 χ^2/NDF :30.3/1

Right Out: 23.023+/-0.009 χ^2/NDF : 165838.0/18

Left In: 19.056+/-0.025 χ^2/NDF :0.0/0

Left: 19.235+/-0.015 χ^2/NDF : 108.4/2

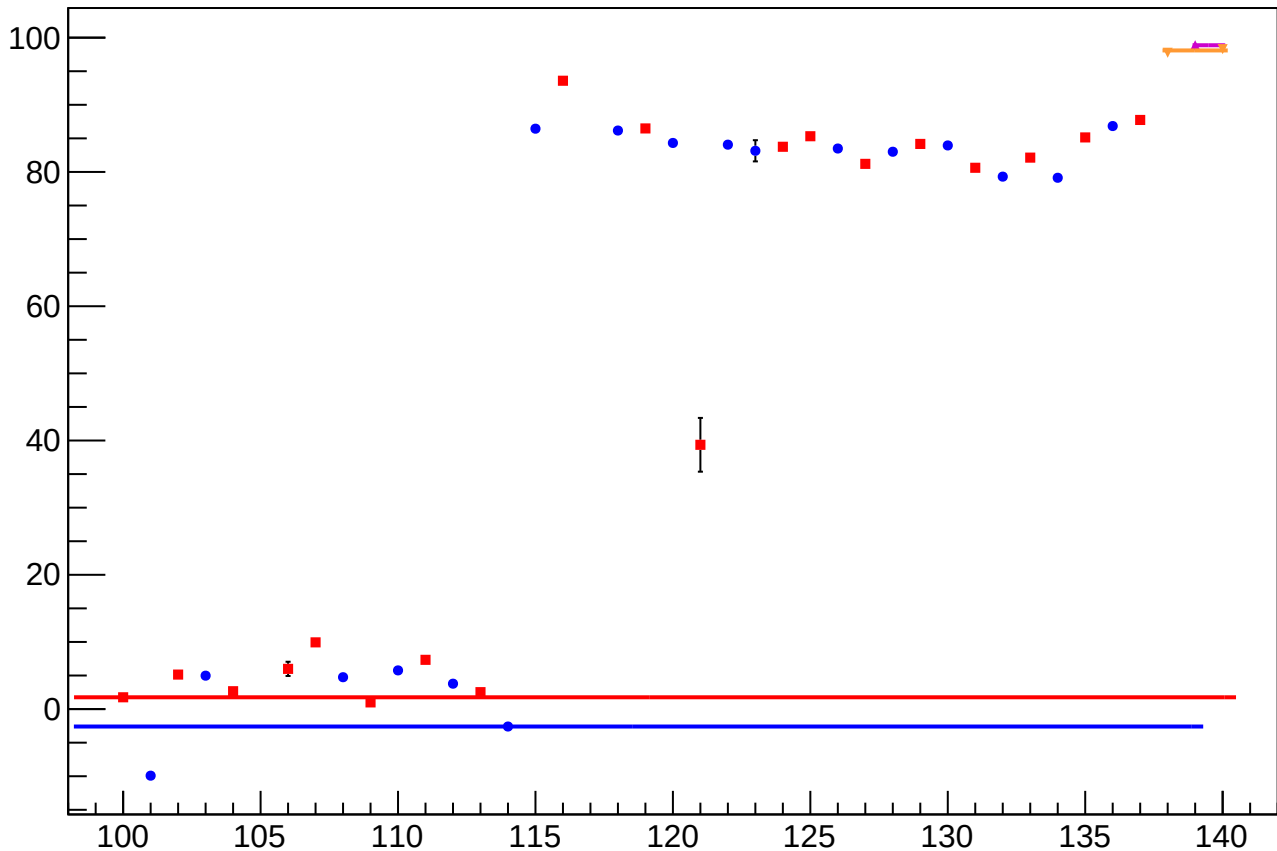
Right: 22.790+/-0.006 χ^2/NDF : 272655.1/35

In: 22.131+/-0.009 χ^2/NDF :122037.9/17

Out: 22.352+/-0.008 χ^2/NDF :196069.3/20

All: 22.249+/-0.006 χ^2/NDF : 318448.4/38

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 98.097+/-0.044 χ^2/NDF :34.1/1

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

Left In: 98.870+/-0.085 χ^2/NDF :0.0/0

Left: 98.259+/-0.039 χ^2/NDF : 99.3/2

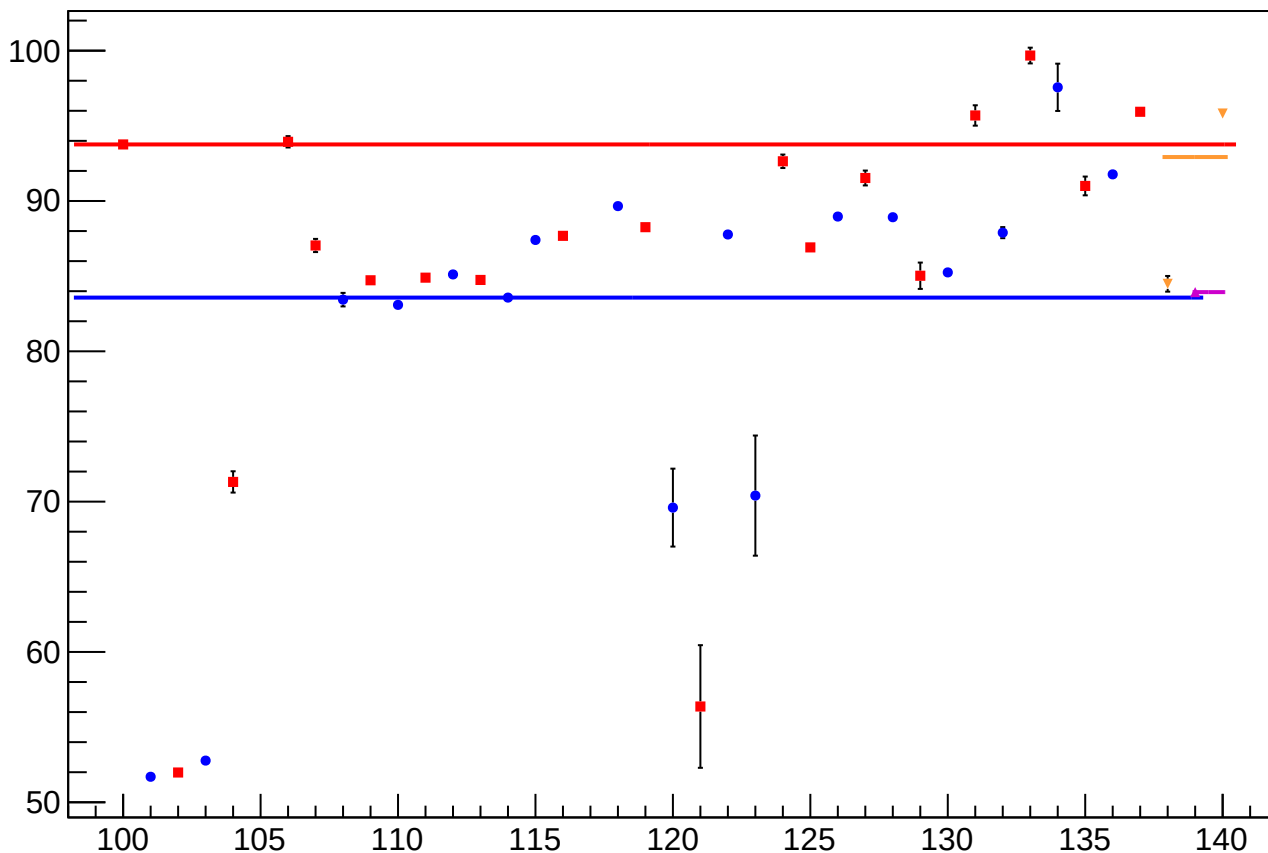
Right: -1.059+/-0.000 χ^2/NDF : 3731791751577379

In: -2.596+/-0.000 χ^2/NDF :8814573.2/17

Out: 1.758+/-0.000 χ^2/NDF :9053653.6/20

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Left Out: 92.924+/-0.264 χ^2/NDF : 350.9/1

Right Out: 93.762+/-0.000 χ^2/NDF : 82848.8/18

Left In: 83.938+/-0.184 χ^2/NDF : 0.0/0

Left: 86.876+/-0.151 χ^2/NDF : 1132.1/2

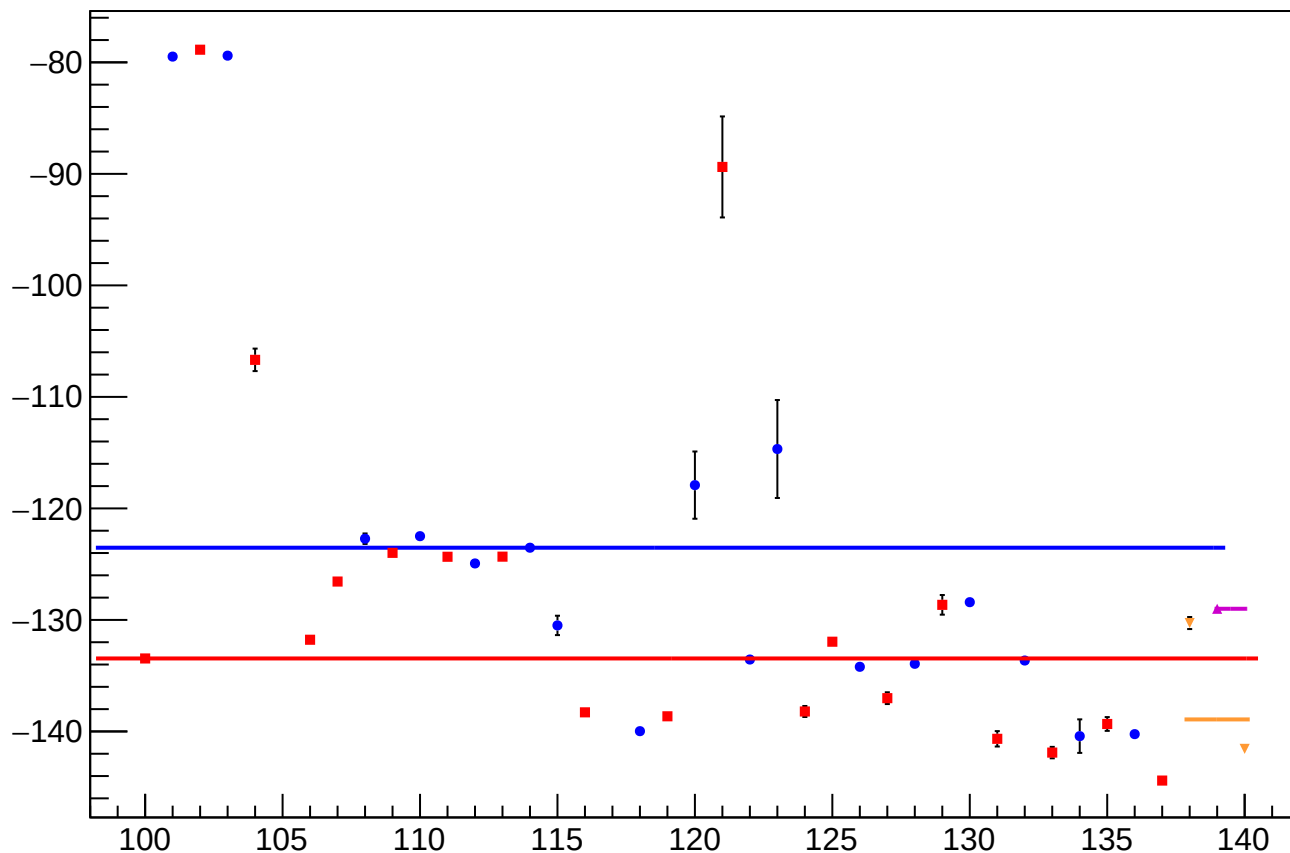
Right: 87.169+/-0.000 χ^2/NDF : 1995684404141260

In: 83.573+/-0.000 χ^2/NDF : 49471.9/17

Out: 93.762+/-0.000 χ^2/NDF : 83209.8/20

All: 87.169+/-0.000 χ^2/NDF : 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF : 160356.5/16

Left Out: -138.923+/-0.261 χ^2/NDF :334.6/1

Right Out: -133.456+/-0.000 χ^2/NDF : 394896.3/18

Left In: -129.000+/-0.176 χ^2/NDF :0.0/0

Left: -132.107+/-0.146 χ^2/NDF : 1326.4/2

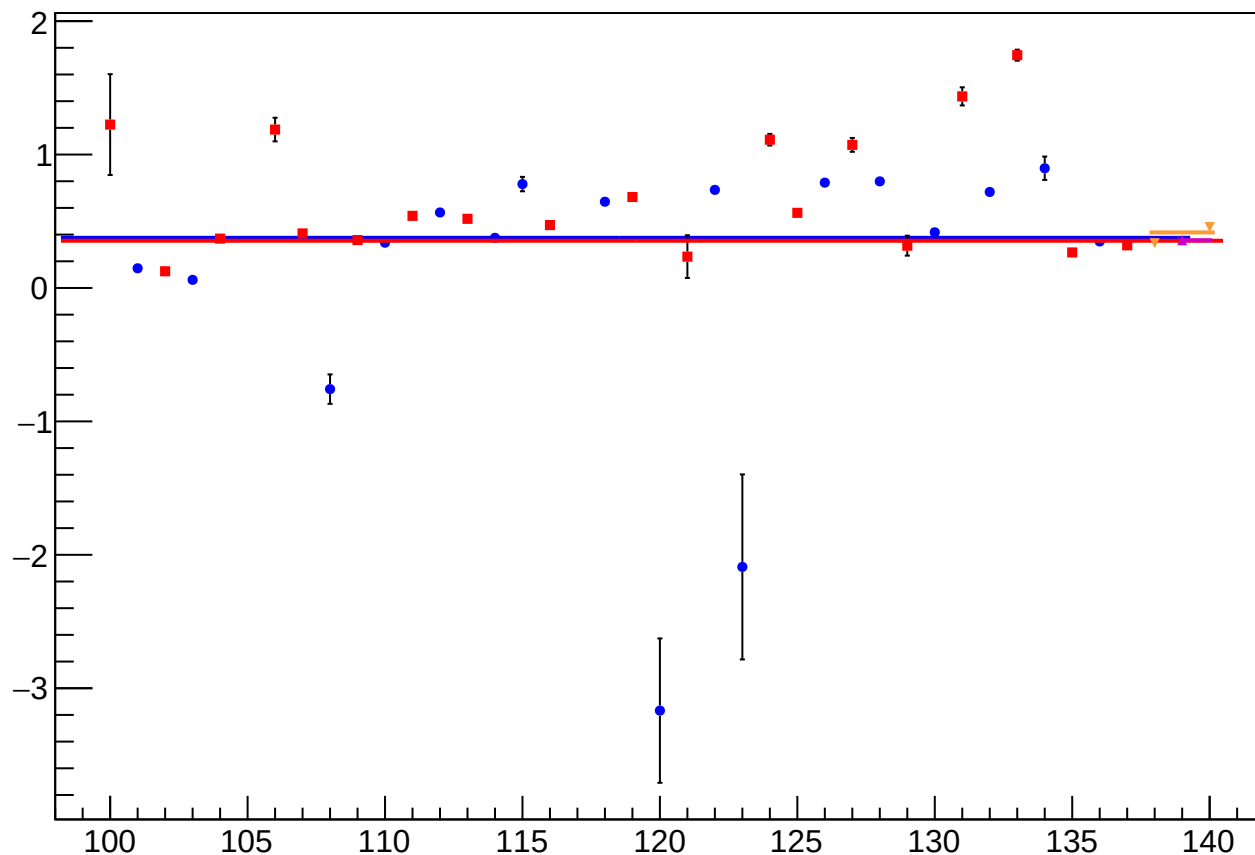
Right: -124.716+/-0.000 χ^2/NDF : 64467869901657

In: -123.524+/-0.000 χ^2/NDF :161320.7/17

Out: -133.456+/-0.000 χ^2/NDF :395669.1/20

All: -124.716+/-0.000 χ^2/NDF : 64467869901

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.416 $\pm$ 0.002 χ^2 /NDF:563.9/1

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

Left In: 0.358 $\pm$ 0.002 χ^2 /NDF:0.0/0

Left: 0.376 $\pm$ 0.001 χ^2 /NDF: 970.6/2

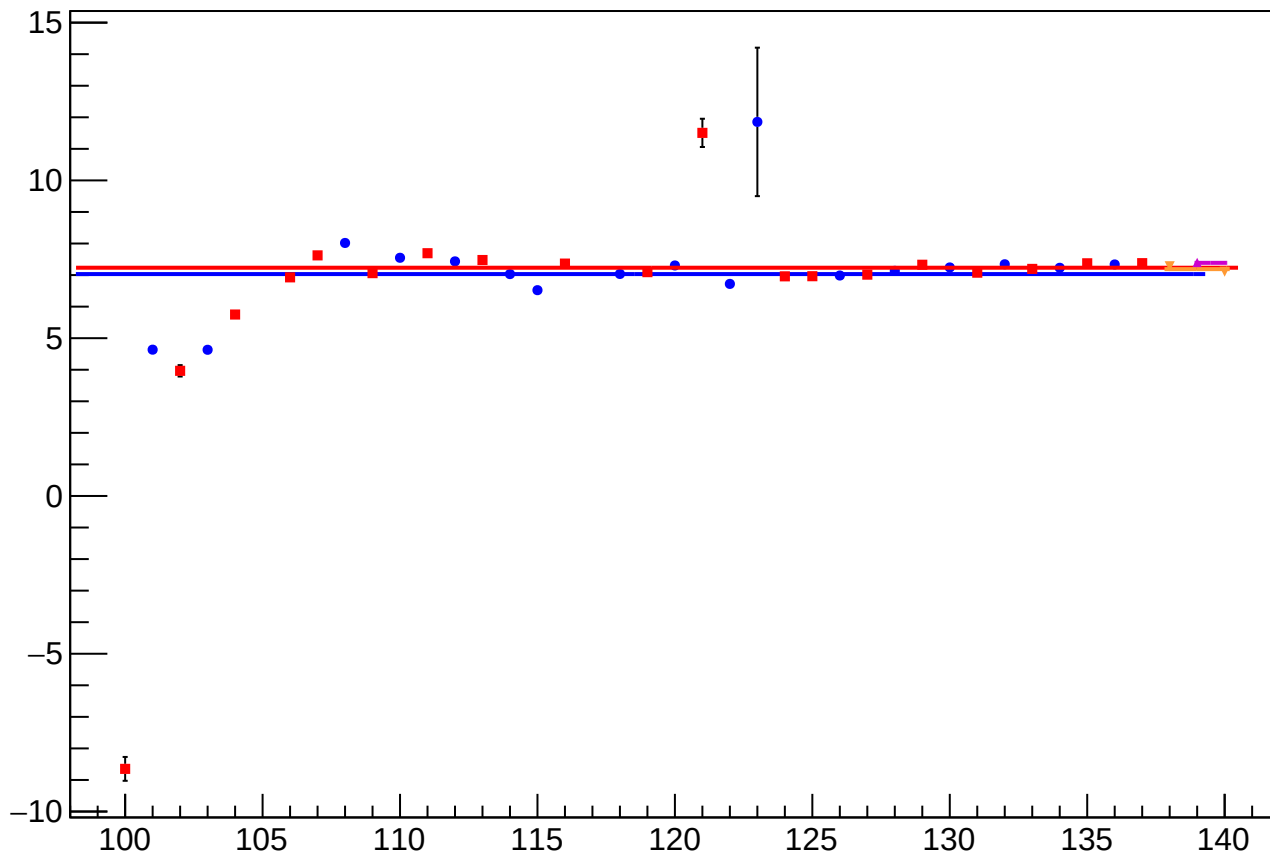
Right: 0.376 $\pm$ 0.000 χ^2 /NDF: 8762.1/35

In: 0.376 $\pm$ 0.000 χ^2 /NDF:4081.5/17

Out: 0.372 $\pm$ 0.001 χ^2 /NDF:5641.5/20

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 9733.0/38

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.189 $\pm$ 0.005 χ^2 /NDF:330.6/1

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

Left In: 7.388 $\pm$ 0.004 χ^2 /NDF:0.0/0

Left: 7.297 $\pm$ 0.003 χ^2 /NDF: 1295.4/2

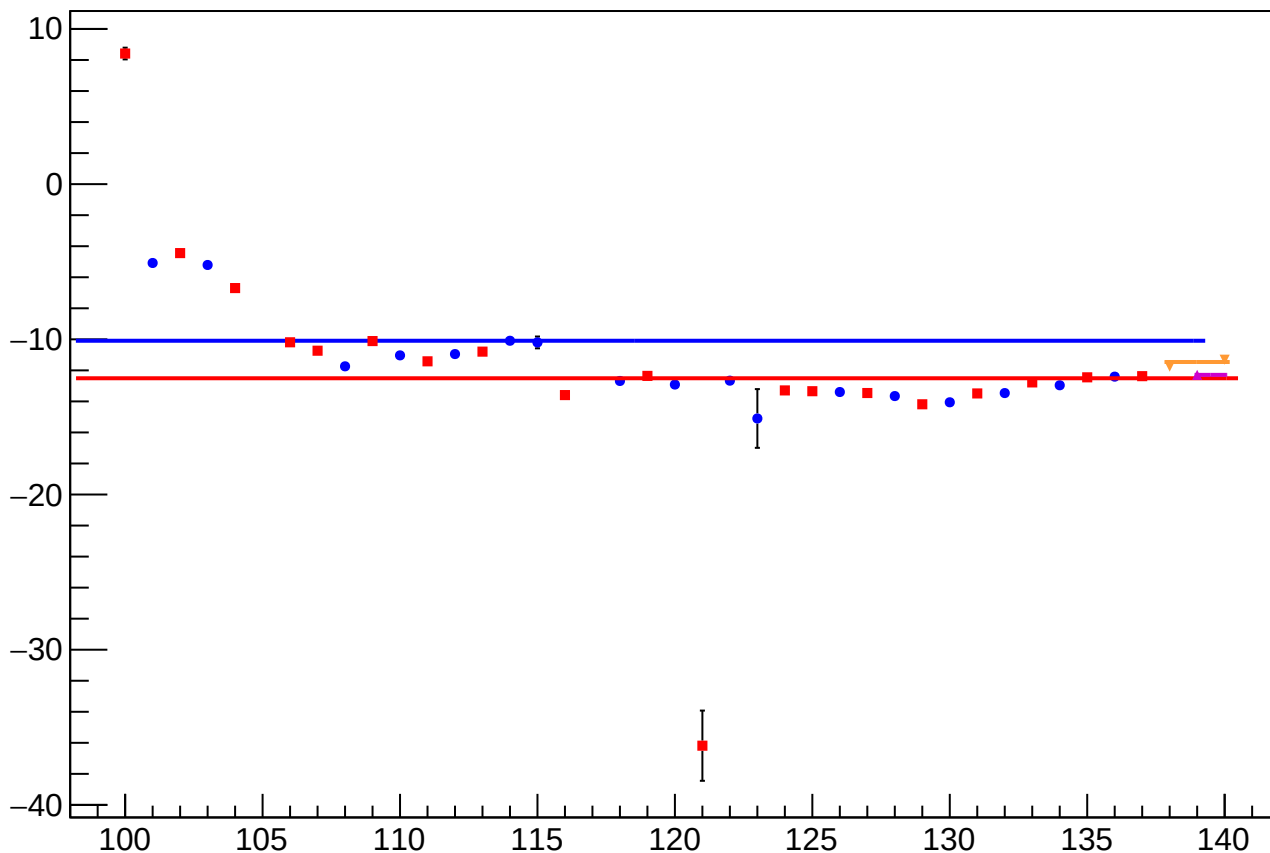
Right: 7.032 $\pm$ 0.000 χ^2 /NDF: 36990.7/35

In: 7.032 $\pm$ 0.000 χ^2 /NDF:26515.1/17

Out: 7.224 $\pm$ 0.002 χ^2 /NDF:10462.9/20

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 45174.5/38

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.461 ± 0.011 χ^2/NDF : 378.7/1

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

Left In: -12.289 ± 0.017 χ^2/NDF : 0.0/0

Left: -11.702 ± 0.009 χ^2/NDF : 2095.5/2

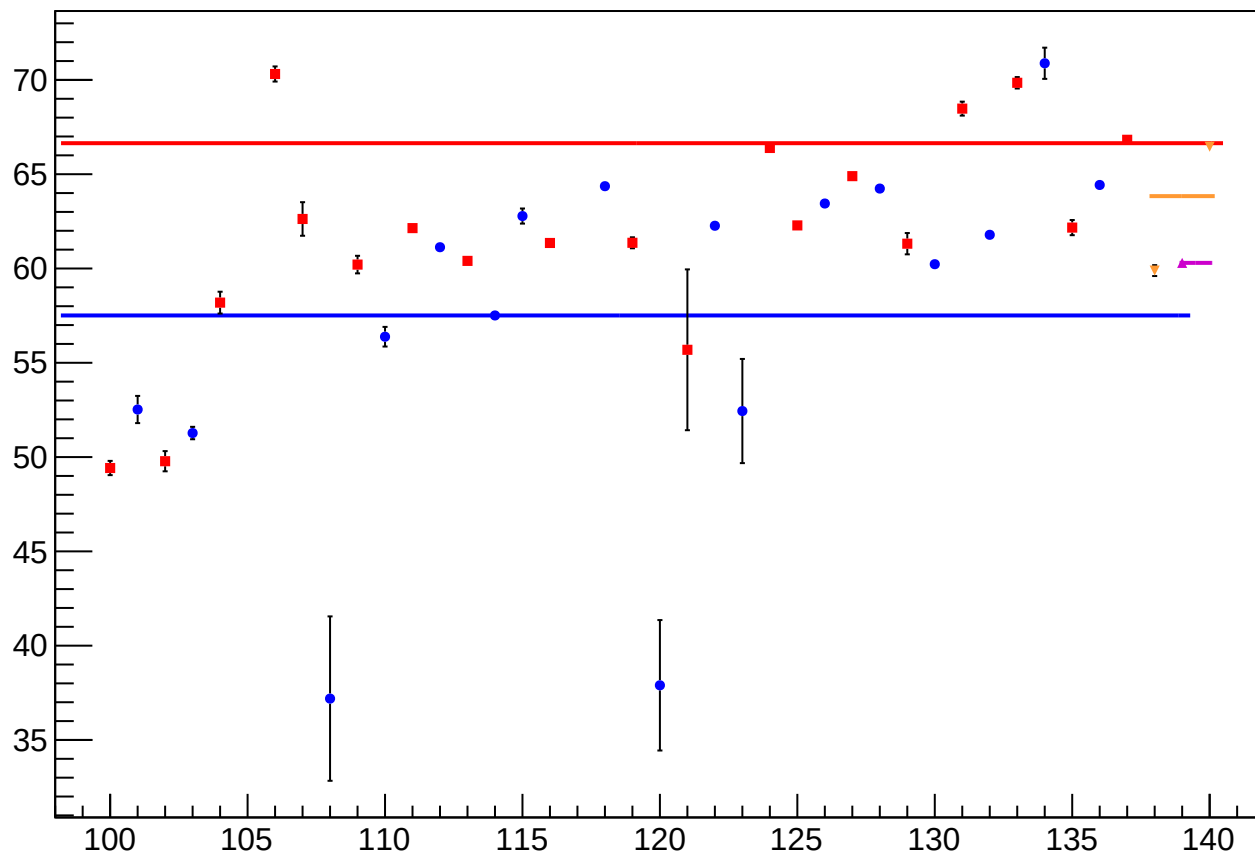
Right: -10.092 ± 0.000 χ^2/NDF : 1062248.5/35

In: -10.092 ± 0.000 χ^2/NDF : 560528.4/17

Out: -12.396 ± 0.004 χ^2/NDF : 112309.6/20

All: -10.092 ± 0.000 χ^2/NDF : 1095746.8/38

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 63.837 $\pm$ 0.182 χ^2 /NDF:311.5/1

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

Left In: 60.298 $\pm$ 0.118 χ^2 /NDF:0.0/0

Left: 61.342 $\pm$ 0.099 χ^2 /NDF: 577.3/2

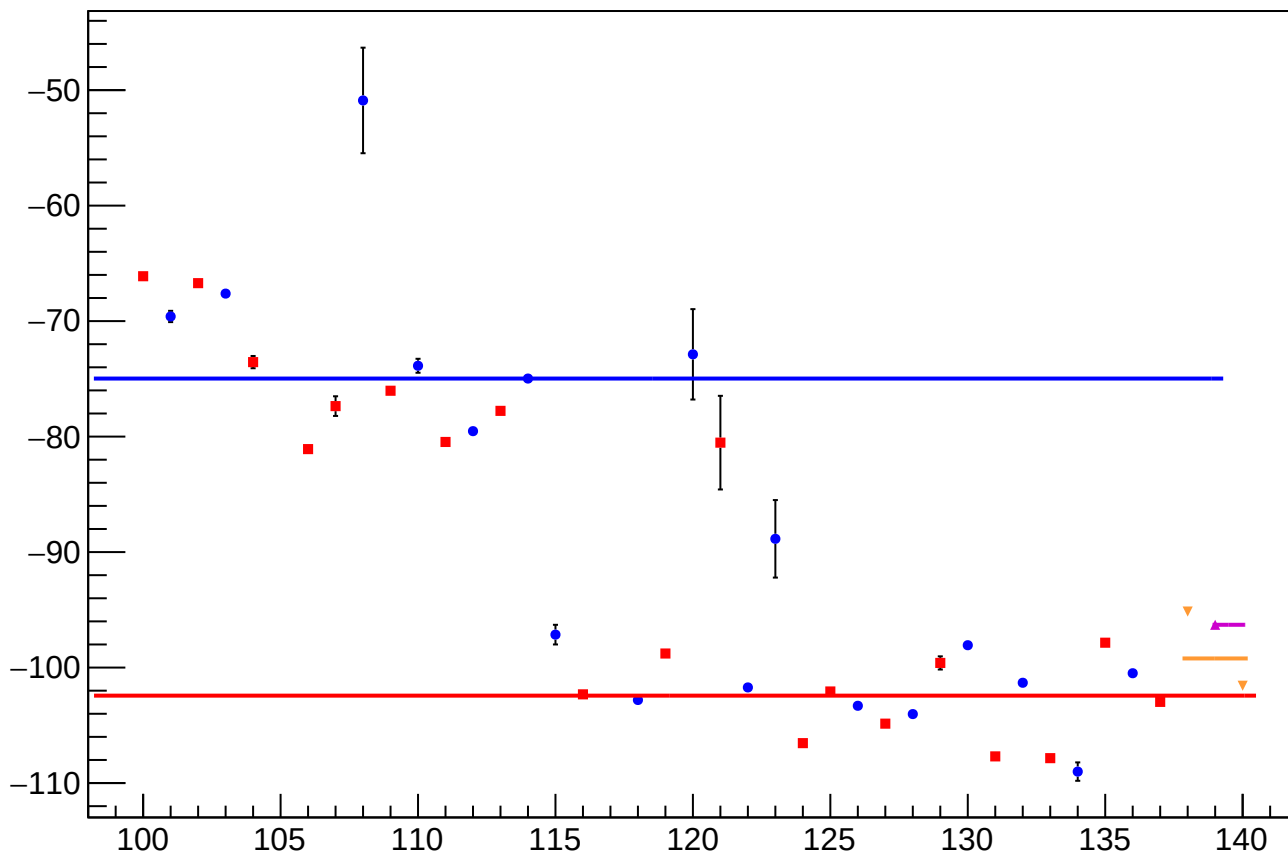
Right: 57.510 $\pm$ 0.000 χ^2 /NDF: 504438.3/35

In: 57.510 $\pm$ 0.000 χ^2 /NDF:8667.8/17

Out: 66.630 $\pm$ 0.013 χ^2 /NDF:8711.2/20

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 506514.1/38

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -99.210 ± 0.182 $\chi^2/\text{NDF}: 289.0/1$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

Left In: -96.295 ± 0.155 $\chi^2/\text{NDF}: 0.0/0$

Left: -97.515 ± 0.118 $\chi^2/\text{NDF}: 437.8/2$

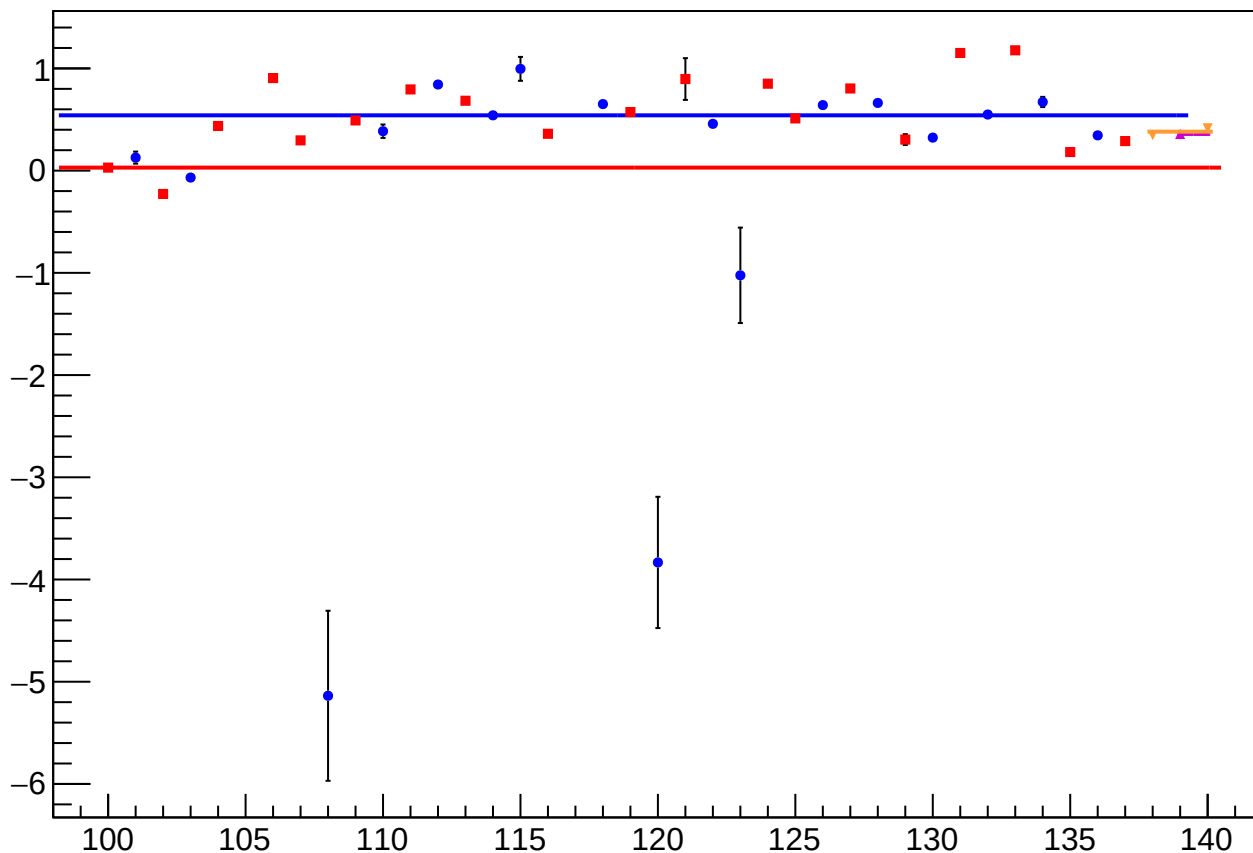
Right: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2556524.2/35$

In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 149561.0/17$

Out: -102.400 ± 0.018 $\chi^2/\text{NDF}: 50975.9/20$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2593524.3/38$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.381 $\pm$ 0.002 χ^2 /NDF:271.5/1

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

Left In: 0.359 $\pm$ 0.002 χ^2 /NDF:0.0/0

Left: 0.370 $\pm$ 0.001 χ^2 /NDF: 333.6/2

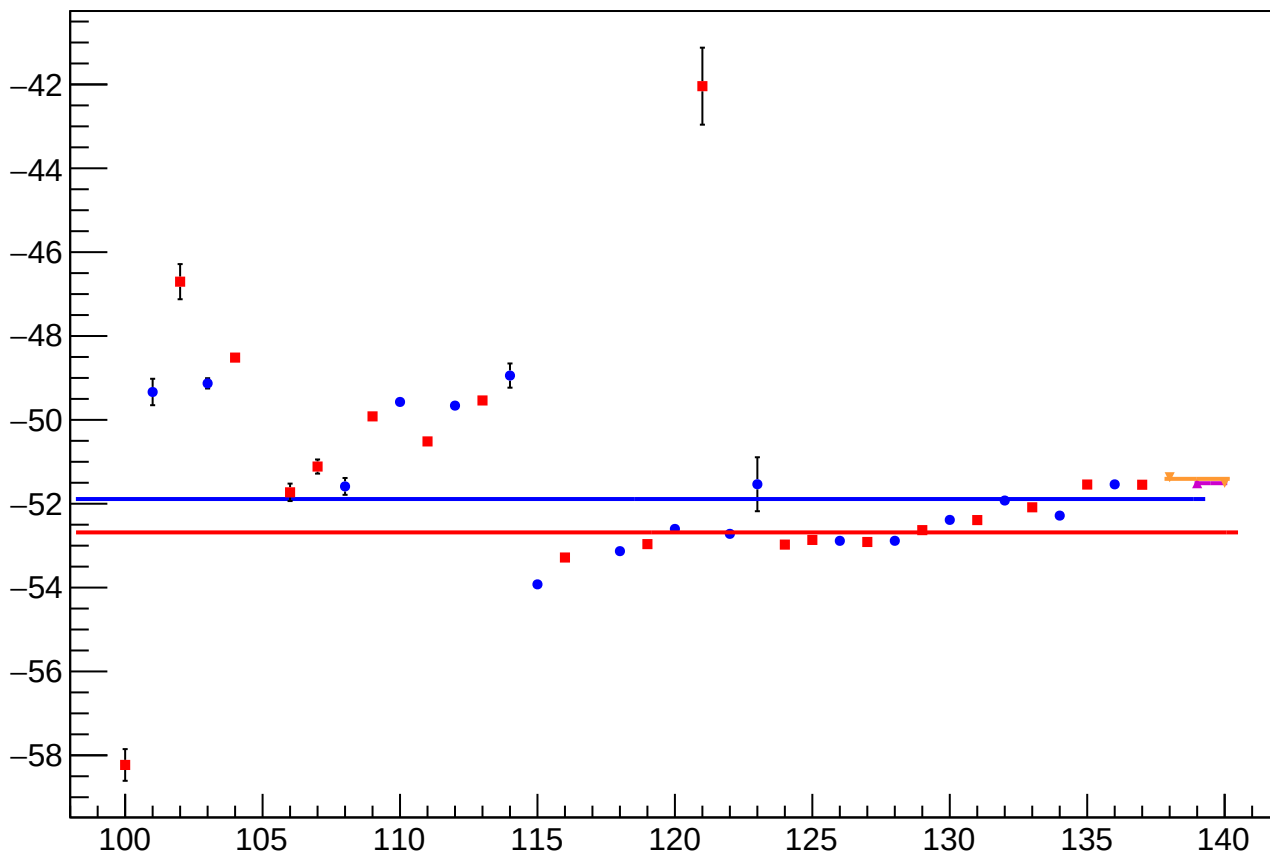
Right: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

In: 0.541 $\pm$ 0.000 χ^2 /NDF:37200.6/17

Out: 0.030 $\pm$ 0.000 χ^2 /NDF:151871.8/20

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -51.407 $\pm$ 0.007 χ^2 /NDF: 71.0/1

Right Out: -52.684 $\pm$ 0.003 χ^2 /NDF: 56125.8/18

Left In: -51.510 $\pm$ 0.007 χ^2 /NDF: 0.0/0

Left: -51.458 $\pm$ 0.005 χ^2 /NDF: 175.0/2

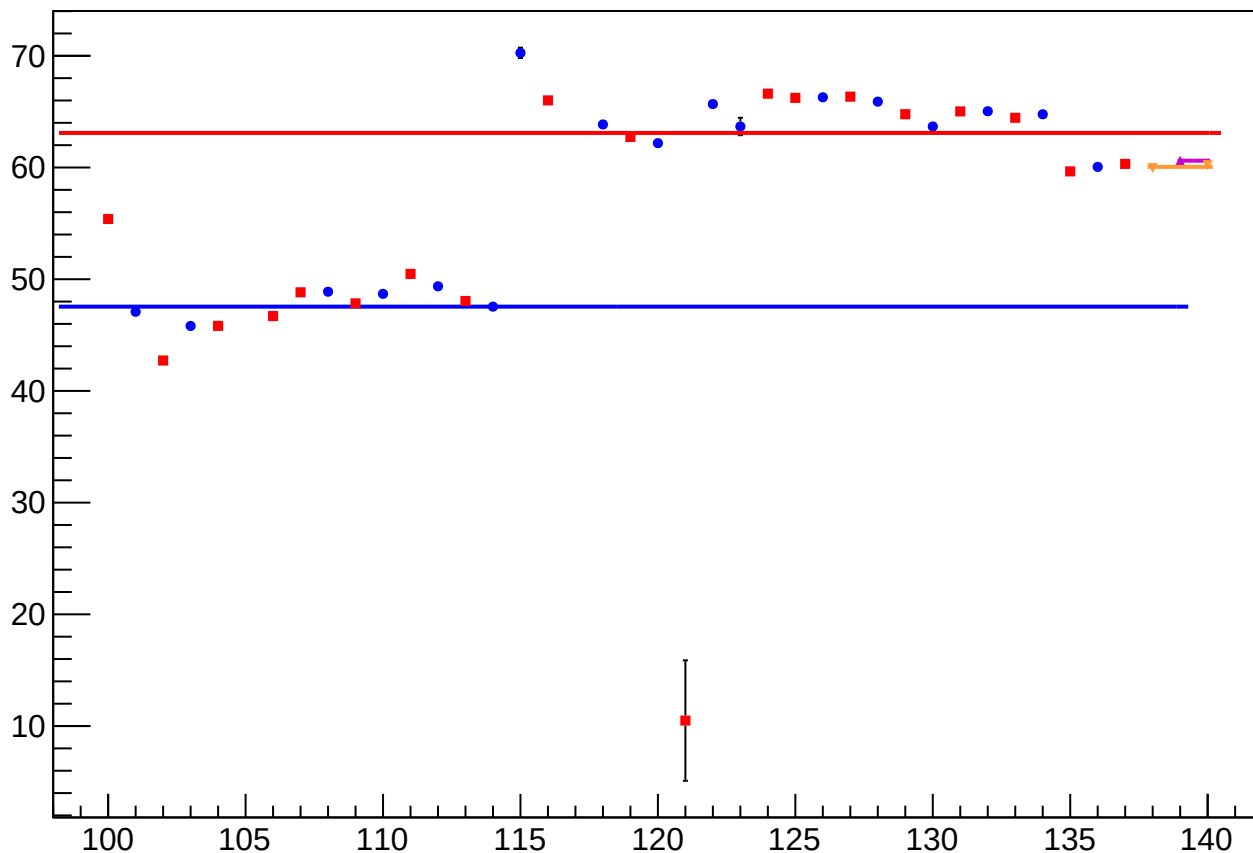
Right: -52.231 $\pm$ 0.002 χ^2 /NDF: 188721.6/35

In: -51.855 $\pm$ 0.002 χ^2 /NDF: 80065.5/17

Out: -52.539 $\pm$ 0.002 χ^2 /NDF: 84427.3/20

All: -52.155 $\pm$ 0.002 χ^2 /NDF: 209687.2/38

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Left Out: 60.058+/-0.012 χ^2/NDF :113.4/1

Right Out: 63.095+/-0.007 χ^2/NDF : 333637.2/18

Left In: 60.613+/-0.059 χ^2/NDF :0.0/0

Left: 60.081+/-0.012 χ^2/NDF : 197.7/2

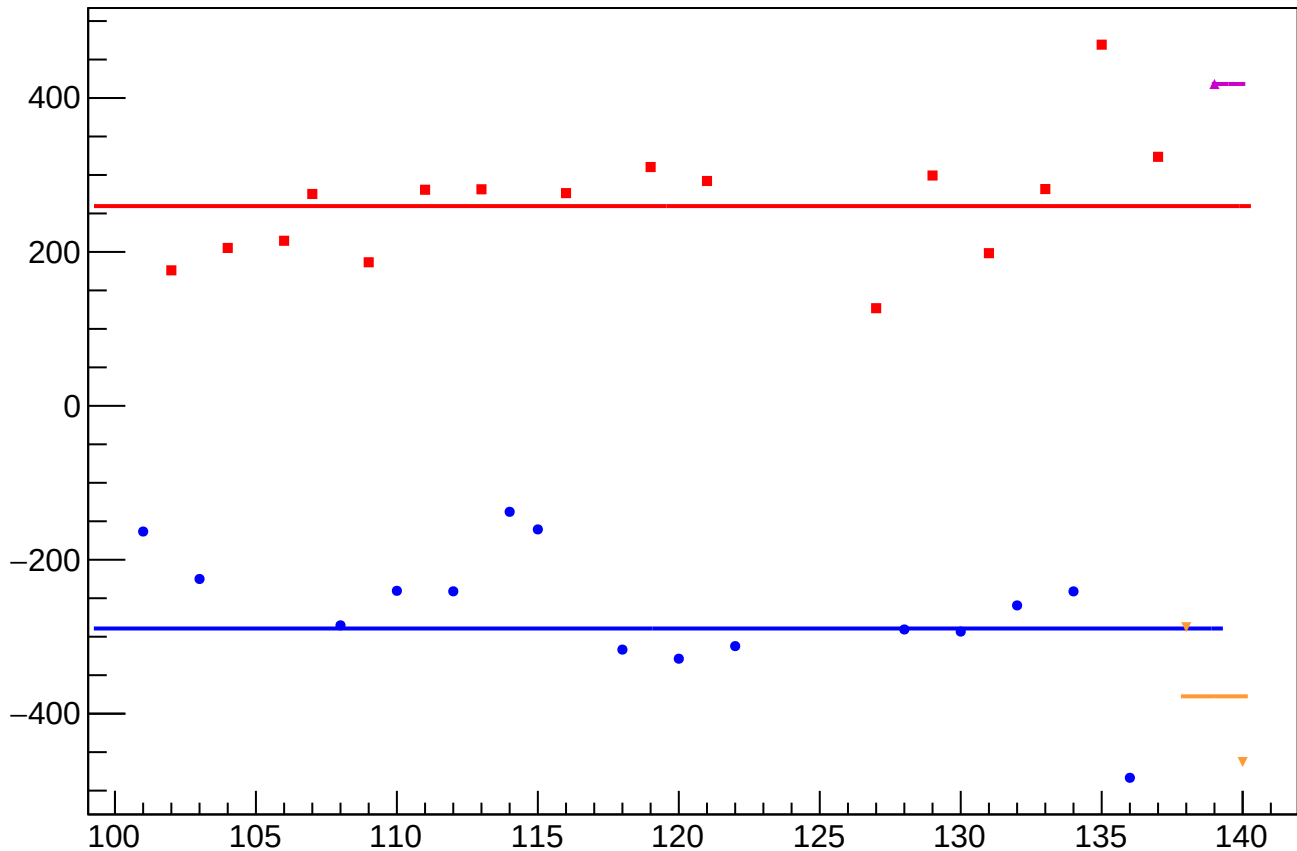
Right: 47.545+/-0.000 χ^2/NDF : 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF :3540504.5/17

Out: 62.275+/-0.006 χ^2/NDF :378375.5/20

All: 47.545+/-0.000 χ^2/NDF : 9241661.0/38

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: -289.322+/-0.000

Left Out: -377.476+/-0.000

Right Out: 259.558+/-0.000

Left In: 418.245+/-0.000

χ^2/NDF : 5369681640484891478649585392183934976.0/14

χ^2/NDF : 1226156937391112928067087452522676224.0/1

χ^2/NDF : 4299886792692123970784563983770714112.0/15

χ^2/NDF : 0.0/0

Left: -110.034+/-0.000 χ^2/NDF : 352755286689306

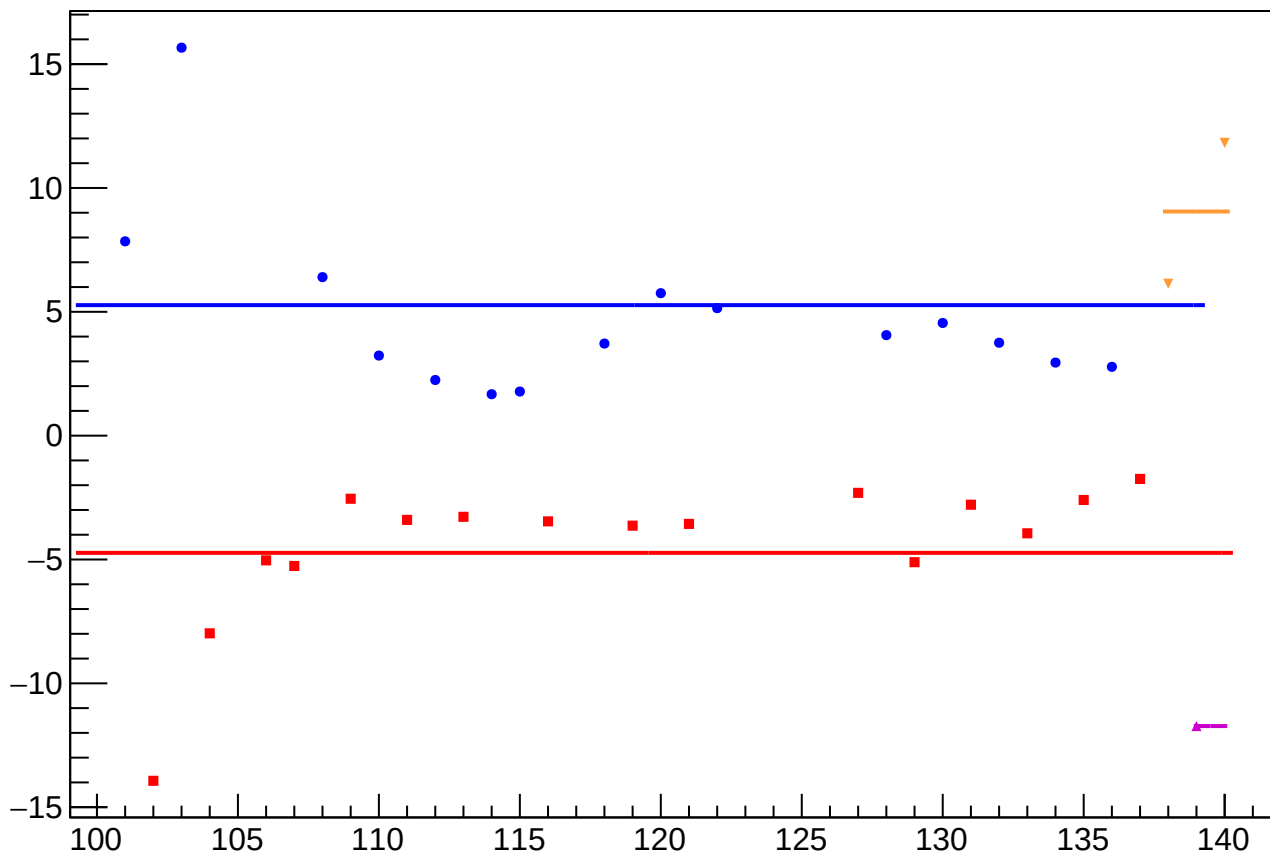
Right: -11.129+/-0.000 χ^2/NDF : 108768514077982

In: -210.811+/-0.000 χ^2/NDF : 4142273316200865

Out: 136.311+/-0.000 χ^2/NDF : 5789386582957439

All: -26.438+/-0.000 χ^2/NDF : 146036677207

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: 2.067+/-0.000 χ^2/NDF : 245014821621843437

Right: 0.201+/-0.000 χ^2/NDF : 48467955168543439

In: 3.384+/-0.000 χ^2/NDF : 295070345988768355

Out: -2.065+/-0.000 χ^2/NDF : 32658505612829302

All: 0.490+/-0.000 χ^2/NDF : 73679243493034

Right In: 5.270+/-0.000

χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 9.050+/-0.000

χ^2/NDF : 1293748844218624498973832057454592.0/1

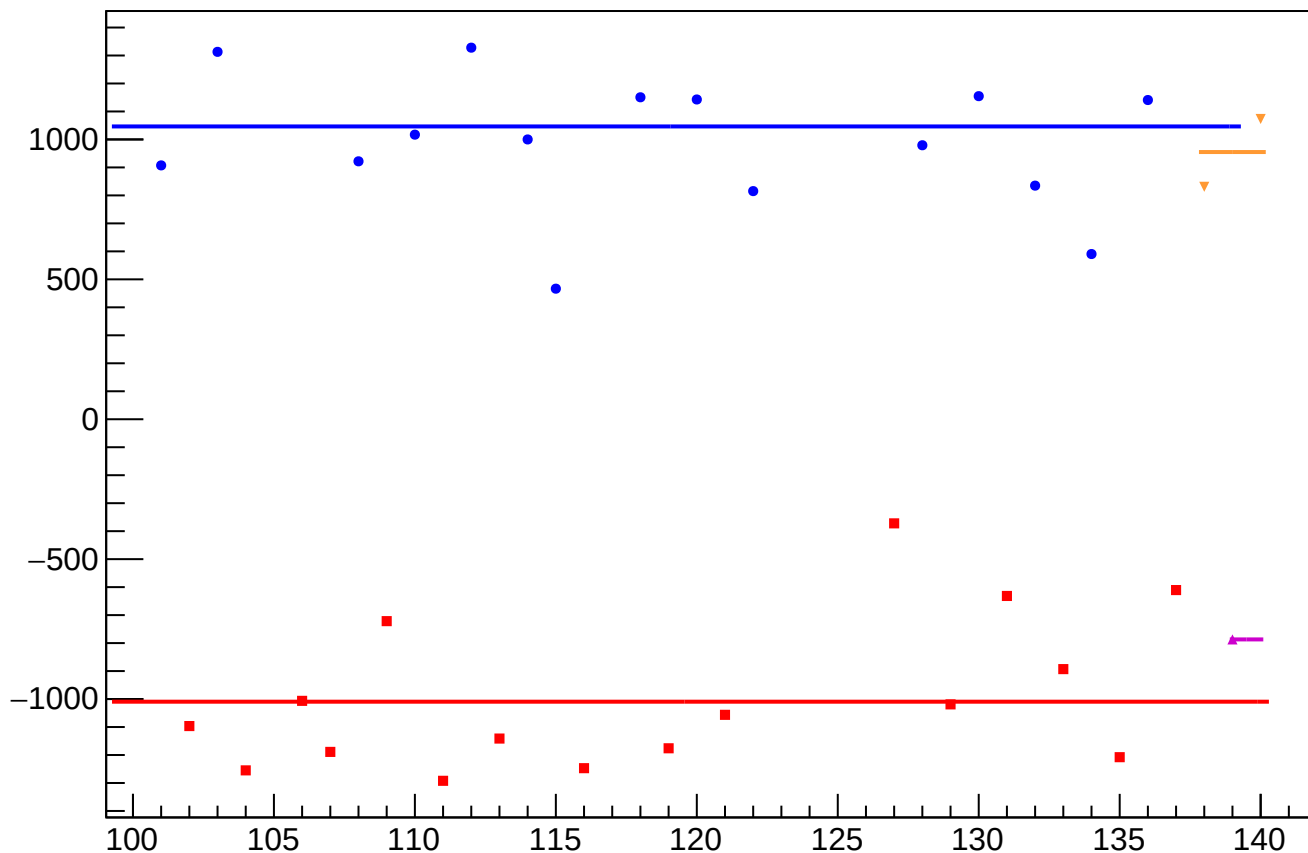
Right Out: -4.732+/-0.000

χ^2/NDF : 6856893072575211562802281426452480.0/15

Left In: -11.725+/-0.000

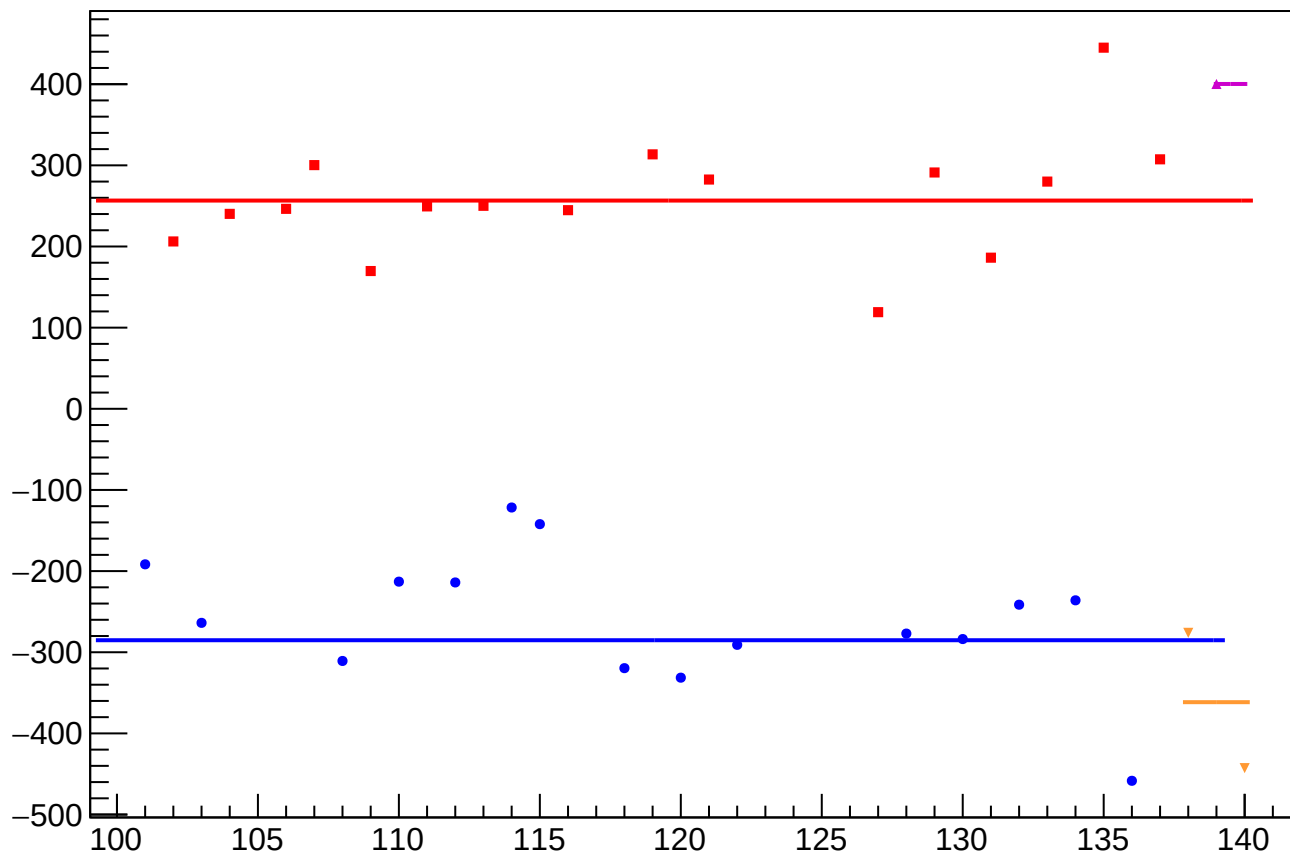
χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 955.000+/-0.000 χ^2/NDF : 2348870544090060553701581628463120384.0/1
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -786.889+/-0.000 χ^2/NDF : 0.0/0
 All: 60.972+/-0.000 χ^2/NDF : 165251485186

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: -285.187+/-0.000

Left Out: -361.520+/-0.000

Right Out: 256.599+/-0.000

Left In: 400.270+/-0.000

χ^2/NDF : 4479585262853549838092521921291747328.0/14

χ^2/NDF : 1111195370888499677701325771778293760.0/1

χ^2/NDF : 3648271535971039165952602563191767040.0/15

χ^2/NDF : 0.0/0

Left: -105.483+/-0.000 χ^2/NDF : 323186920793751

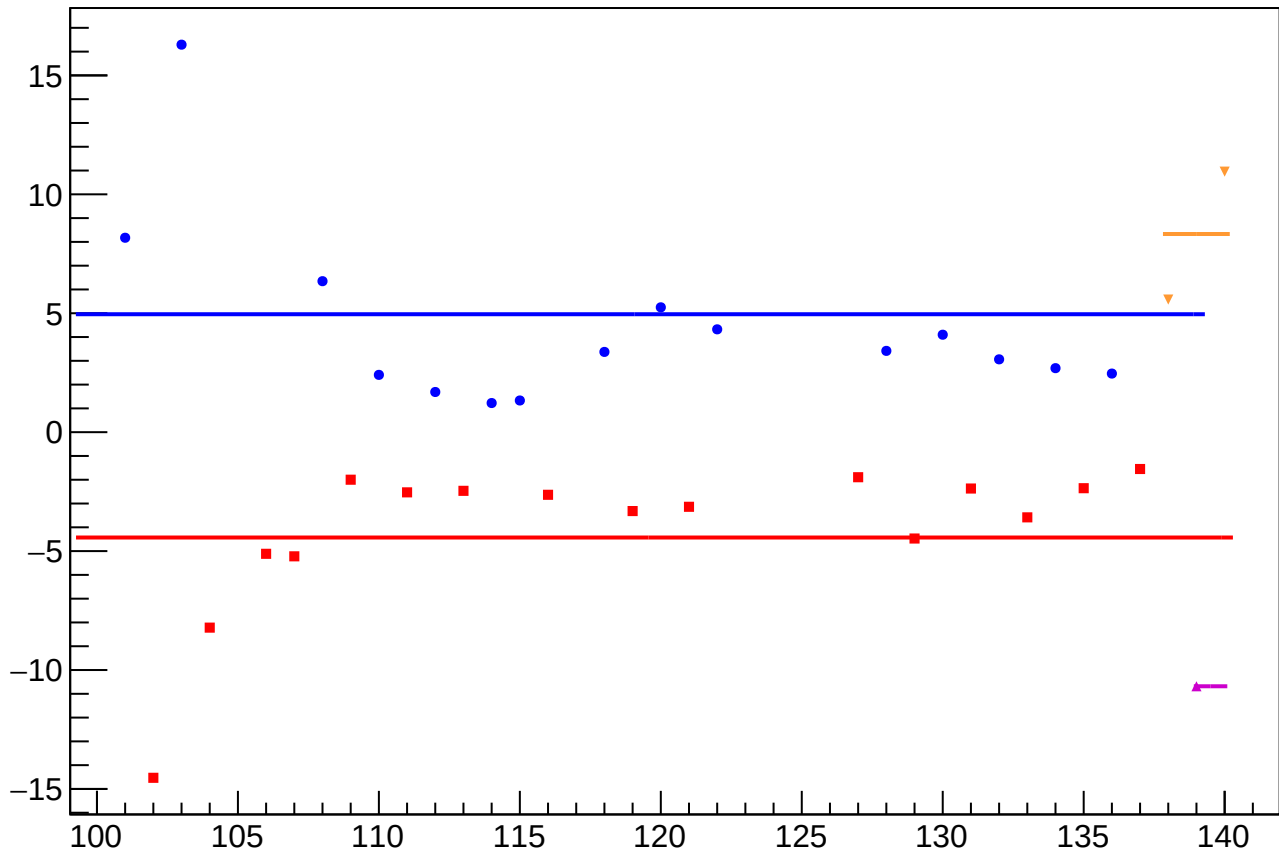
Right: -10.589+/-0.000 χ^2/NDF : 104681795299957

In: -209.129+/-0.000 χ^2/NDF : 3831466399935125

Out: 137.011+/-0.000 χ^2/NDF : 5406378564682270

All: -25.277+/-0.000 χ^2/NDF : 138834758556

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000

χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 8.332+/-0.000

χ^2/NDF : 1156186556313695339442553145524224.0/1

Right Out: -4.429+/-0.000

χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: -10.683+/-0.000

χ^2/NDF : 0.0/0

Left: 1.941+/-0.000 χ^2/NDF : 206001317318361793.0/1

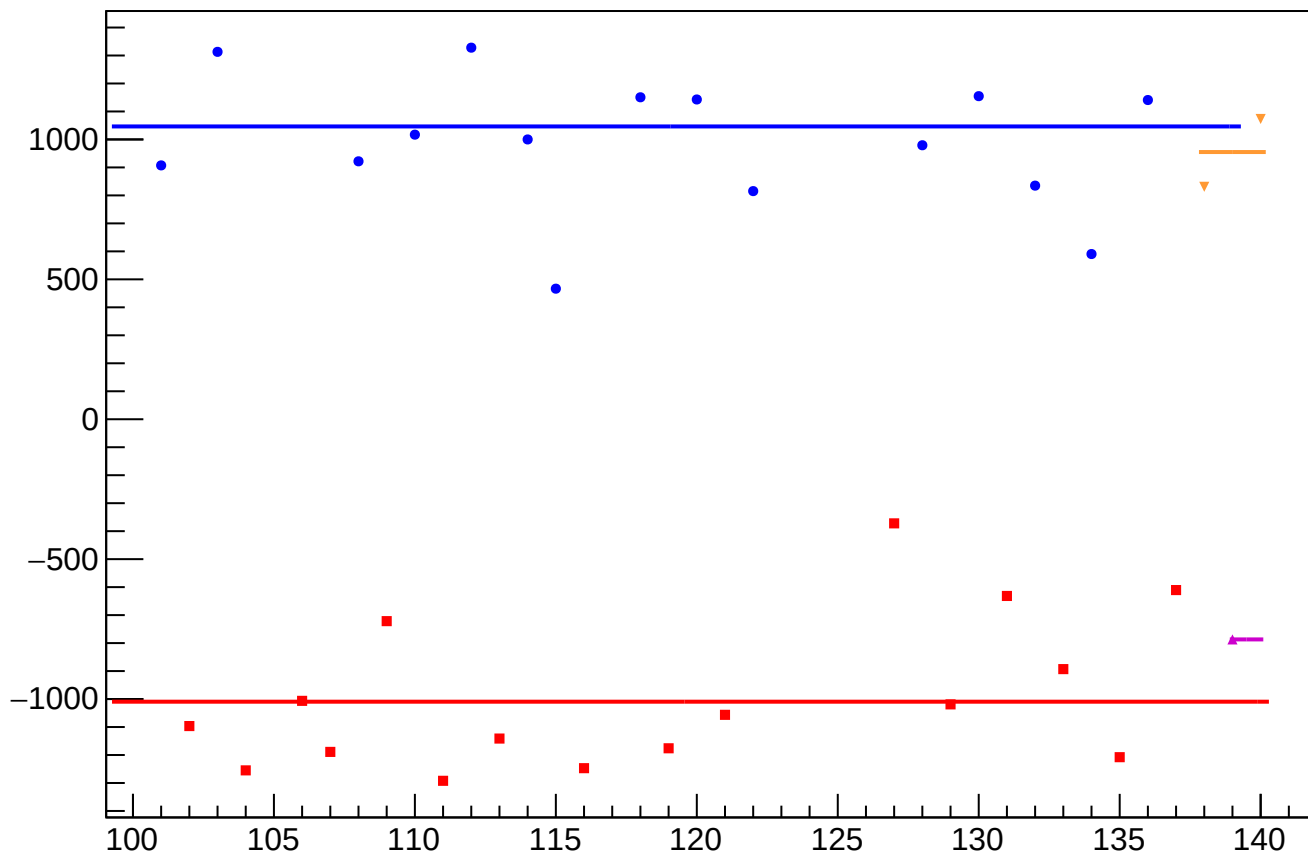
Right: 0.201+/-0.000 χ^2/NDF : 47826300884905300.0/1

In: 3.223+/-0.000 χ^2/NDF : 2808509326171034703.0/1

Out: -1.960+/-0.000 χ^2/NDF : 30540862707154838.0/1

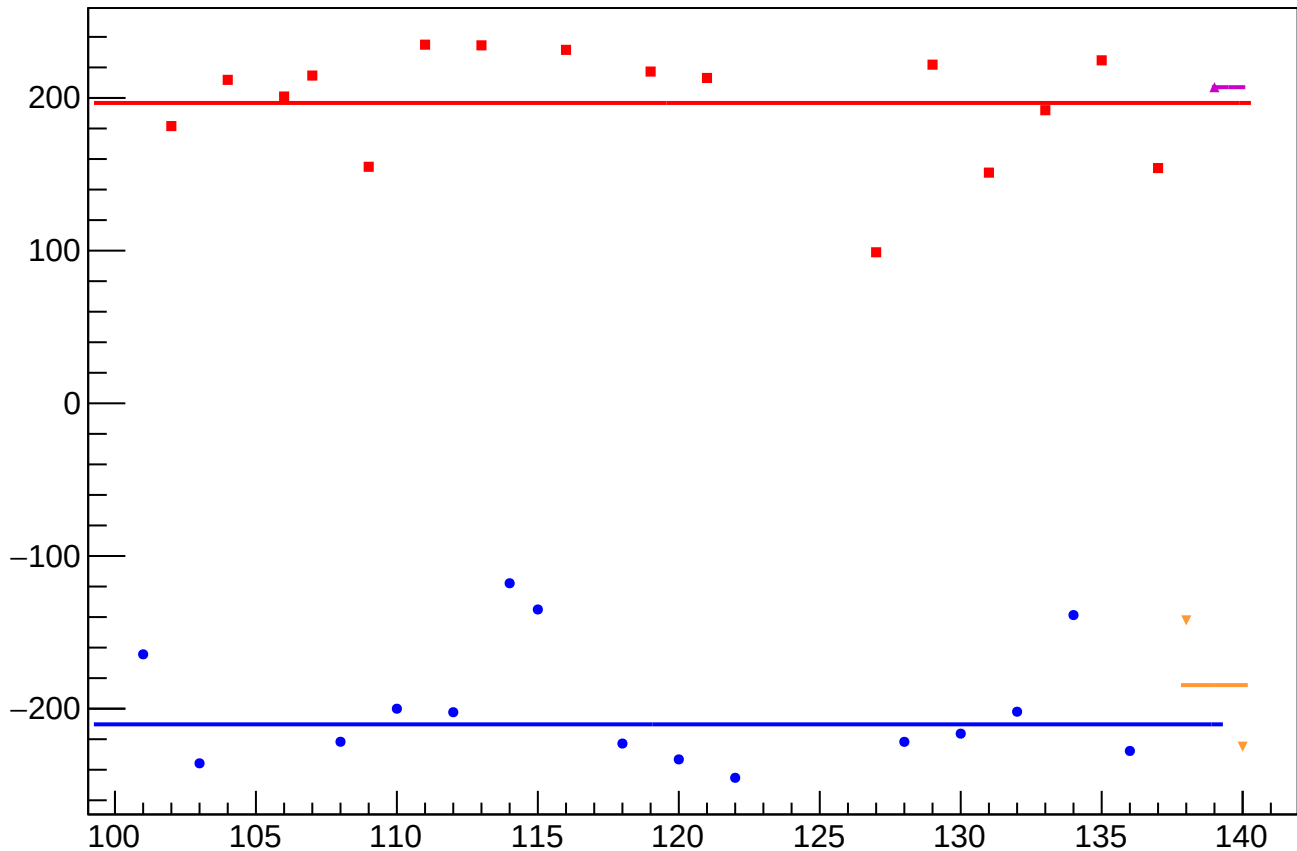
All: 0.470+/-0.000 χ^2/NDF : 69043223996943.0/1

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 955.000+/-0.000 χ^2/NDF : 2348870544090060553701581628463120384.0/1
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -786.889+/-0.000 χ^2/NDF : 0.0/0
 All: 60.972+/-0.000 χ^2/NDF : 165251485186

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000

χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -184.563+/-0.000

χ^2/NDF : 273635269868766010162436895376670720.0/1

Right Out: 196.736+/-0.000

χ^2/NDF : 909588895093044840633640514790359040.0/15

Left In: 207.063+/-0.000

χ^2/NDF : 0.0/0

Left: -52.938+/-0.000 χ^2/NDF : 8521327486715653

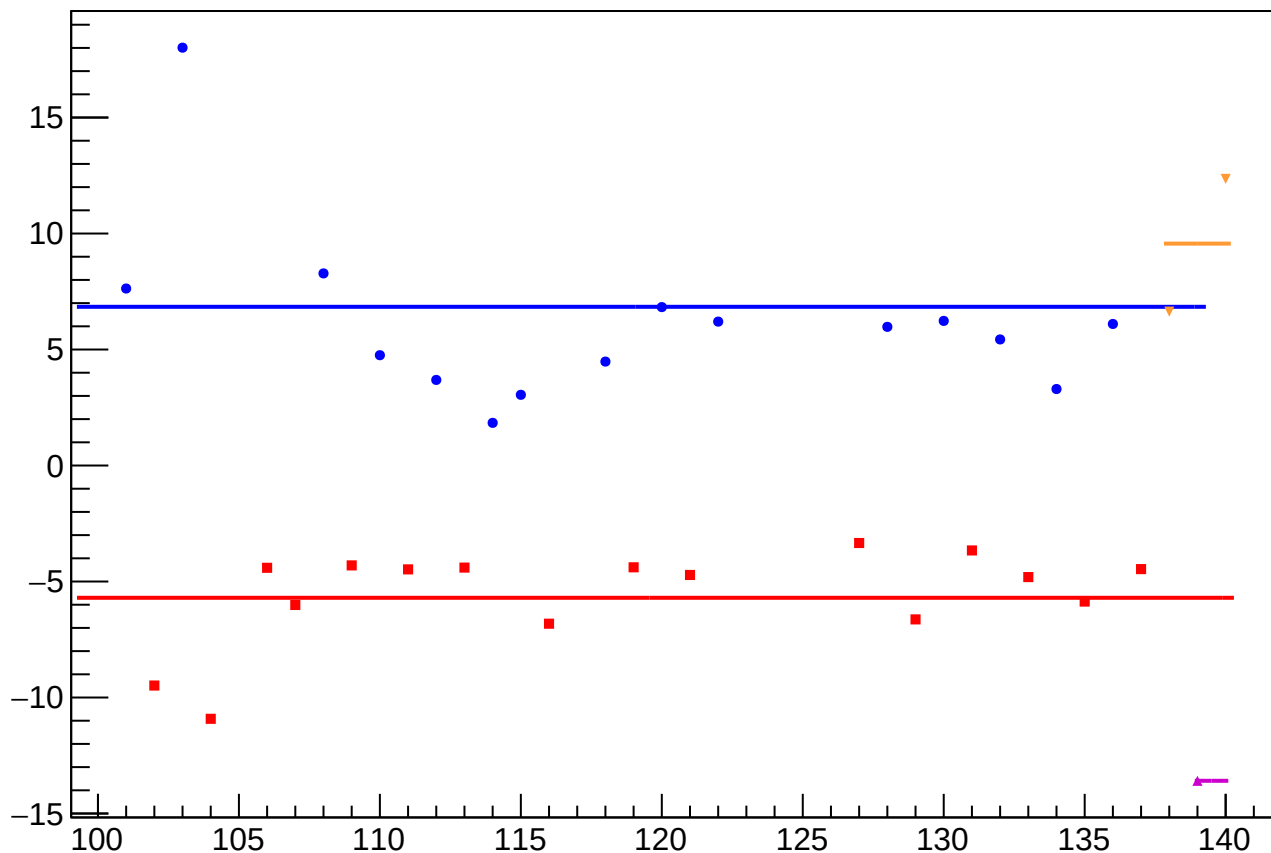
Right: -3.979+/-0.000 χ^2/NDF : 5596508618889263

In: -163.956+/-0.000 χ^2/NDF : 1310938039479365

Out: 122.966+/-0.000 χ^2/NDF : 1994497852062421

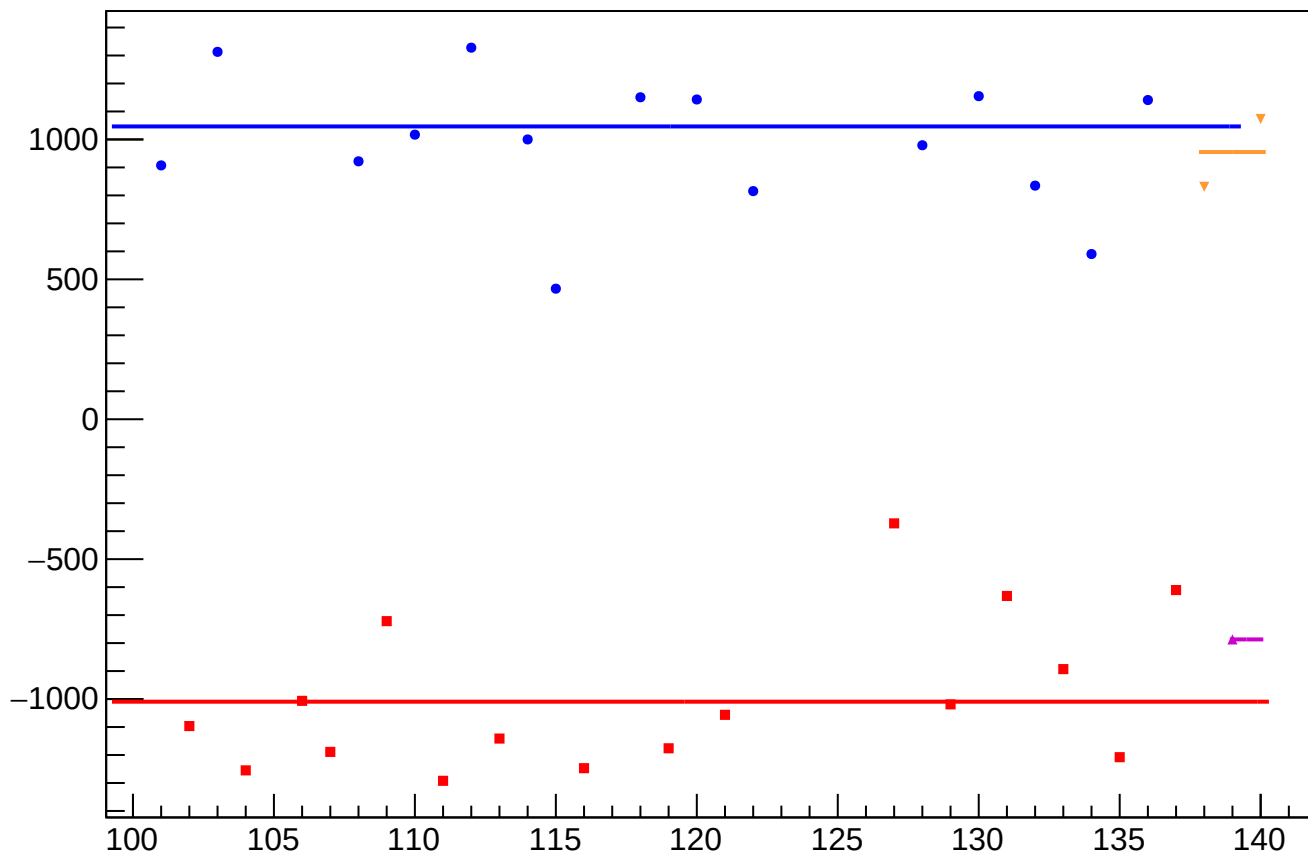
All: -11.557+/-0.000 χ^2/NDF : 649746650058

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 6.842 $\pm$ 0.000 χ^2 /NDF: 9355934166823324467316647620771840.0/14
 Left Out: 9.565 $\pm$ 0.000 χ^2 /NDF: 1308429886357859084408283067318272.0/1
 Right Out: -5.701 $\pm$ 0.000 χ^2 /NDF: 3174693398300953393137731791486976.0/15
 Left In: -13.590 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.685 $\pm$ 0.000 χ^2 /NDF: 94763531107397

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000 χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000 χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

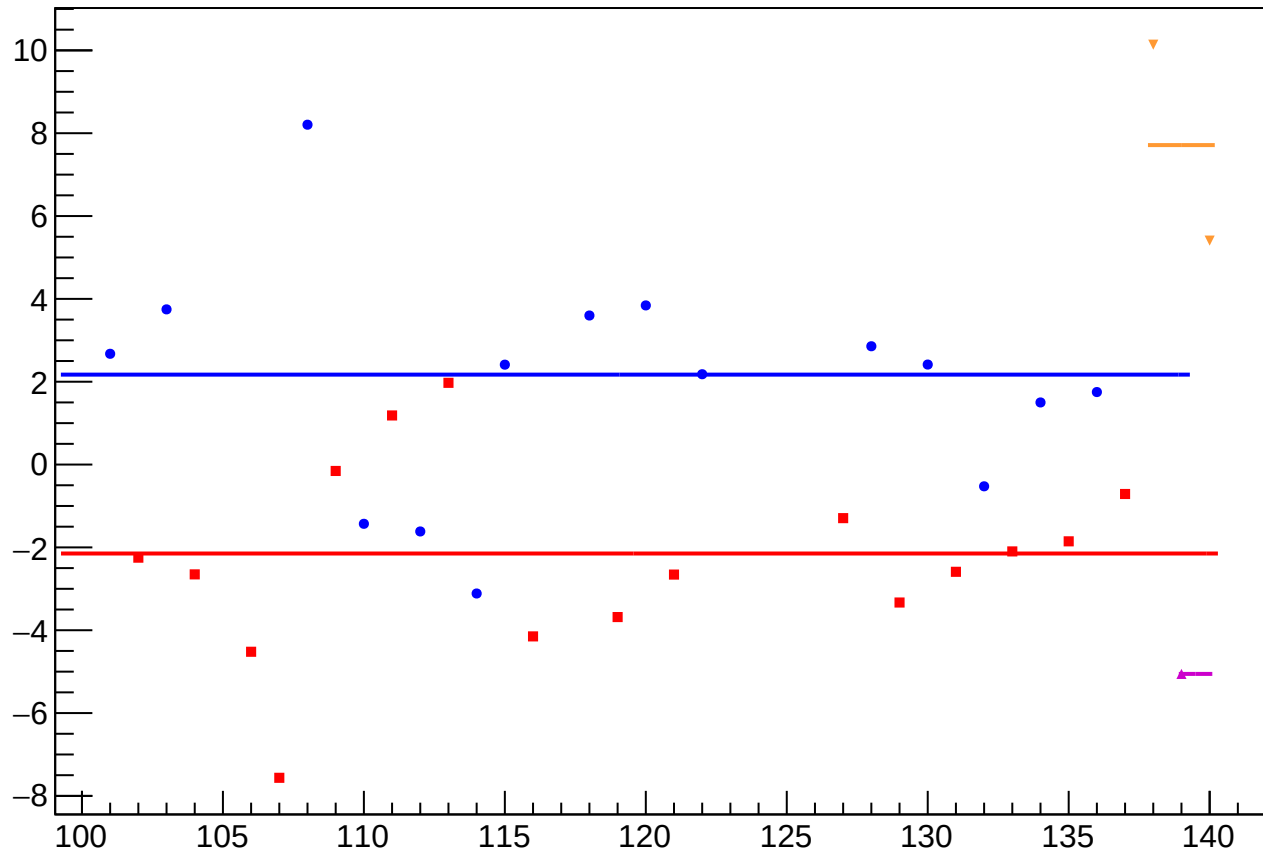
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 2.171+/-0.000

χ^2/NDF : 3599819246909975678410499691642880.0/14

Left Out: 7.713+/-0.000

χ^2/NDF : 894649202140439162696666183630848.0/1

Right Out: -2.148+/-0.000

χ^2/NDF : 3093887336239378959606321931878400.0/15

Left In: -5.055+/-0.000

χ^2/NDF : 0.0/0

Left: 3.422+/-0.000 χ^2/NDF : 966094672413116603

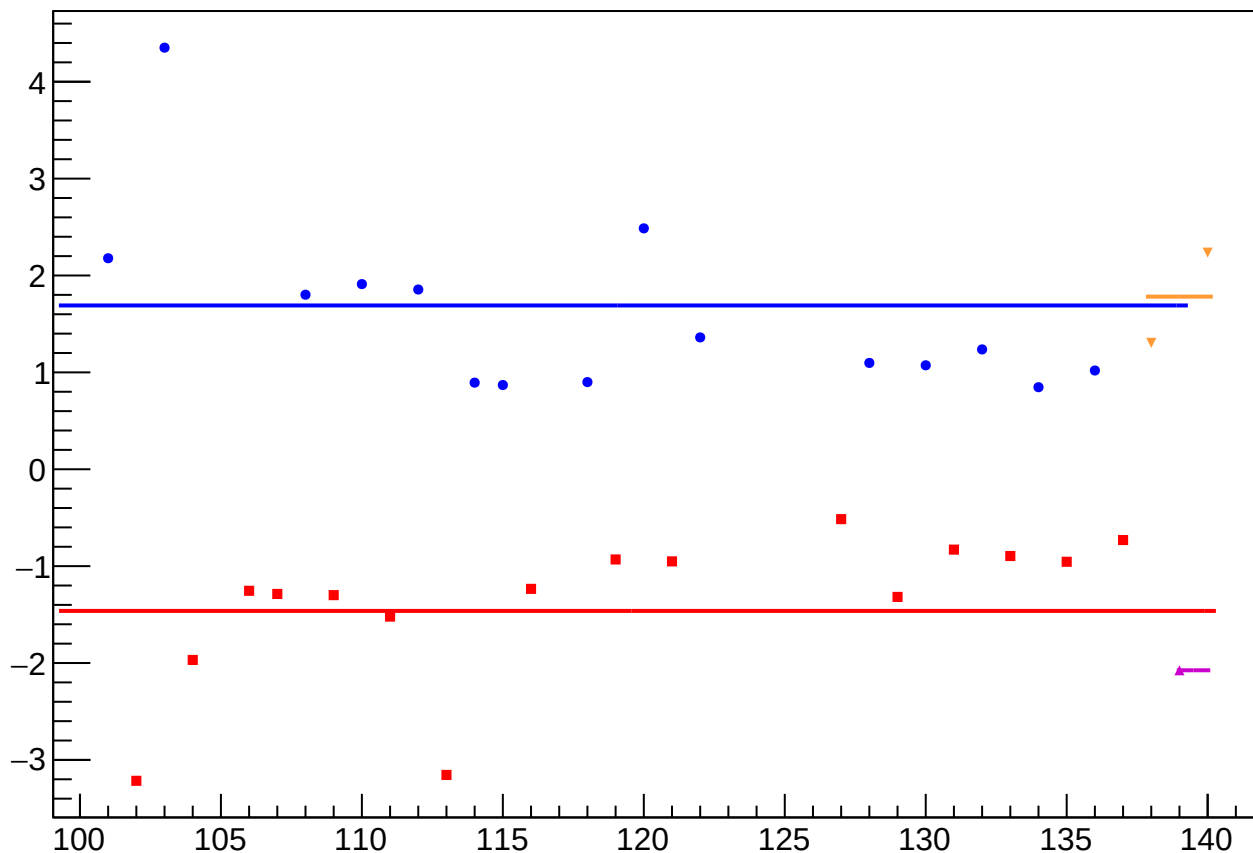
Right: -0.018+/-0.000 χ^2/NDF : 1282950255194488

In: 1.370+/-0.000 χ^2/NDF : 7359898646234146792

Out: -0.240+/-0.000 χ^2/NDF : 16536098245749145

All: 0.515+/-0.000 χ^2/NDF : 2490031273596

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: 0.486 +/- 0.000 χ^2/NDF : 834566013163239171

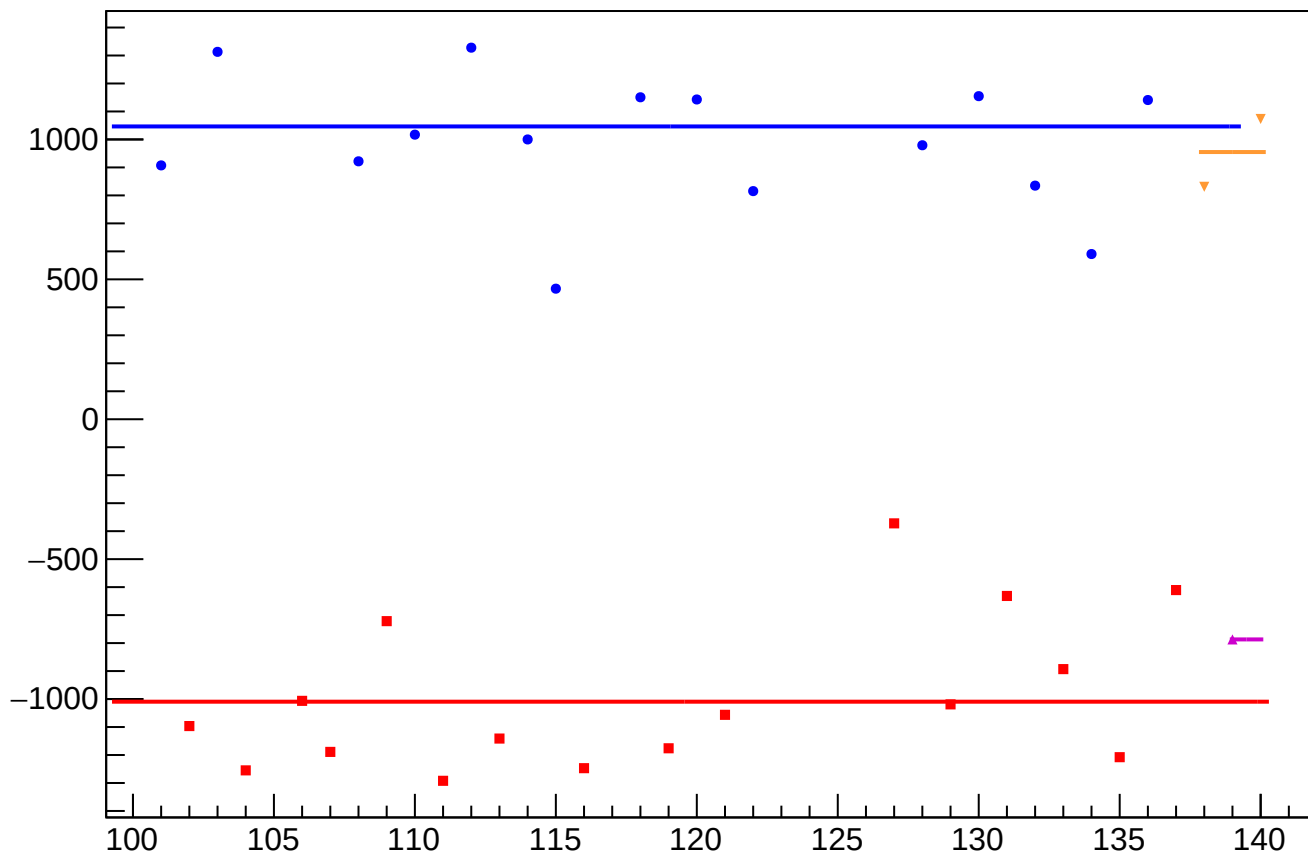
Right: 0.093 +/- 0.000 χ^2/NDF : 43263312753970357

In: 1.273 +/- 0.000 χ^2/NDF : 1633304641344934493

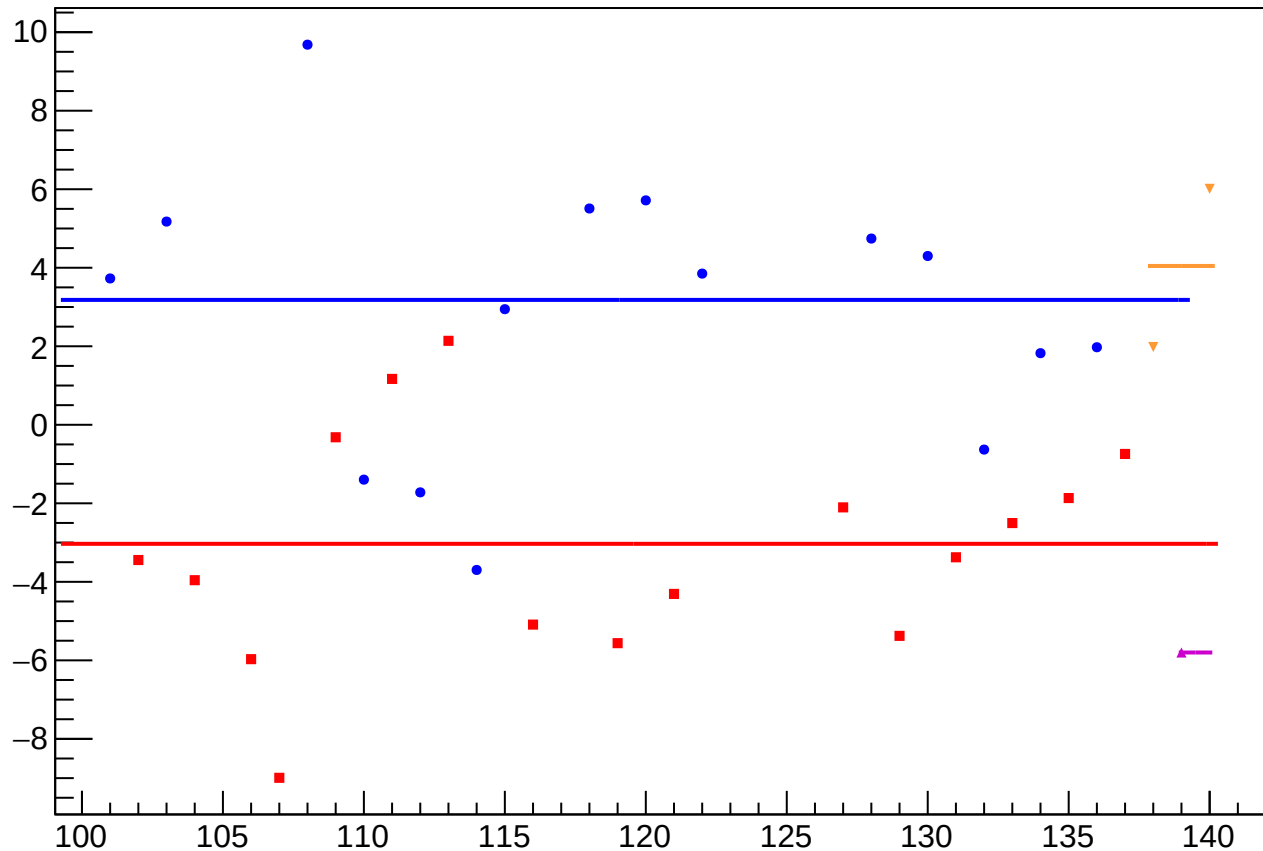
Out: -0.834 +/- 0.000 χ^2/NDF : 18370309860451537

All: 0.154 +/- 0.000 χ^2/NDF : 51923341687159

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected

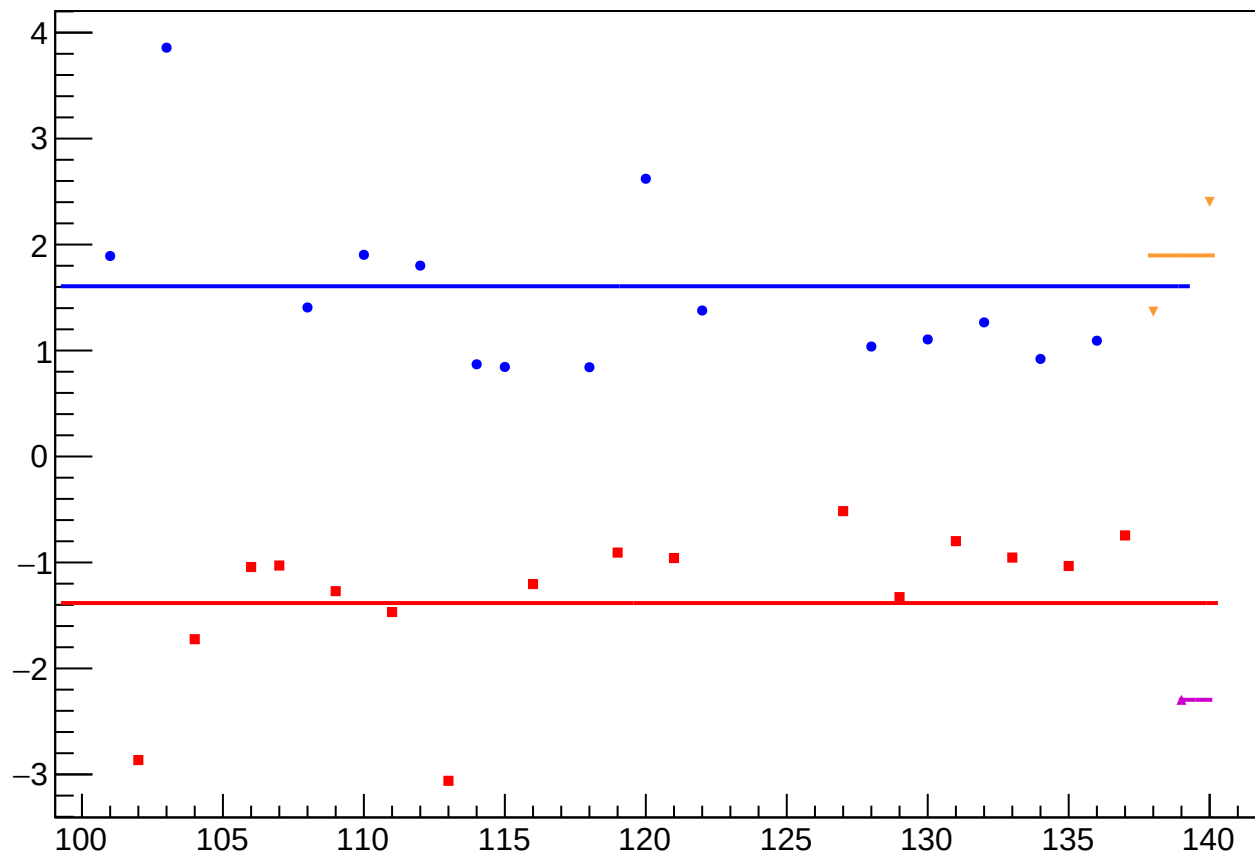


dit_4eY_coil1_mean vs Slug, Sign Corrected



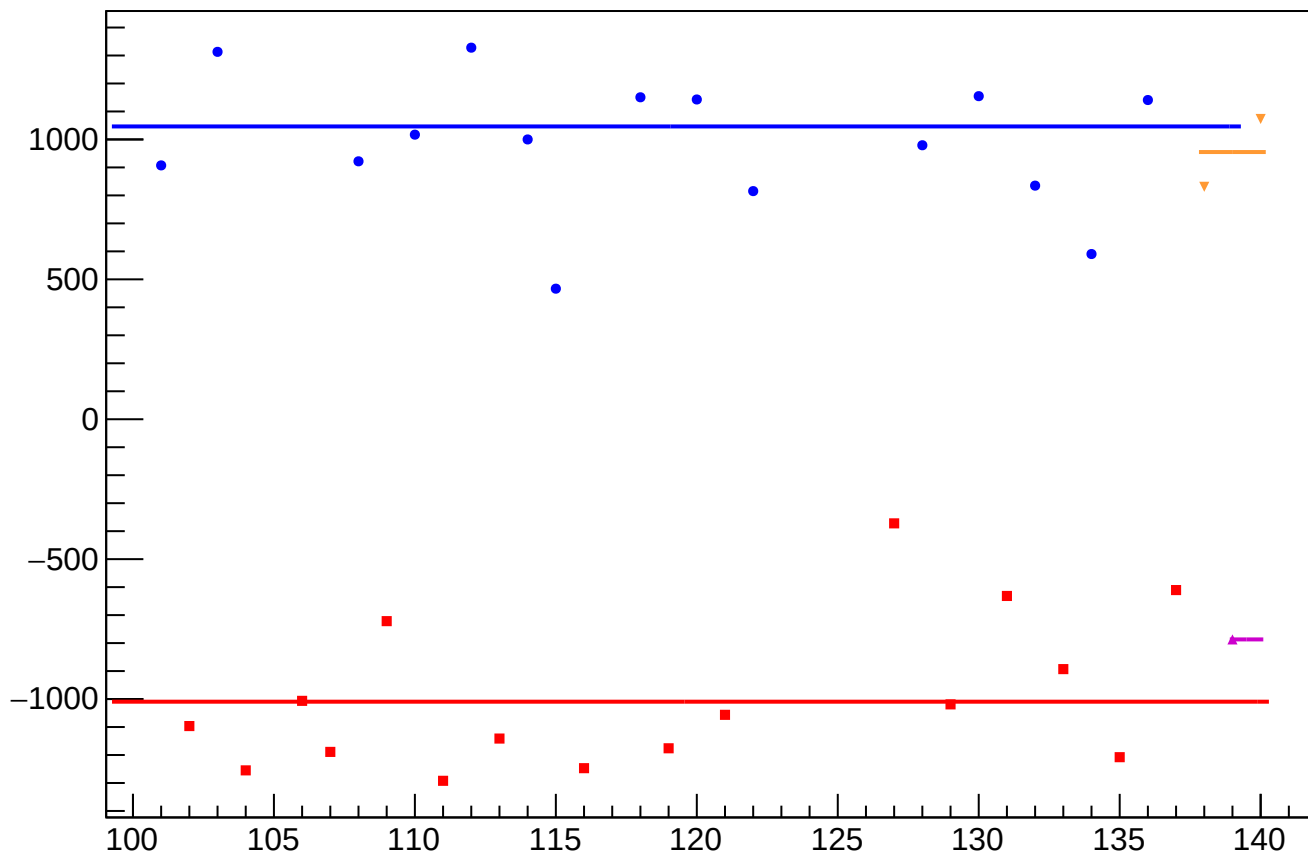
Right In: 3.181+/-0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14
 Left Out: 4.046+/-0.000 χ^2/NDF : 648822513265325870469502182883328.0/1
 Right Out: -3.032+/-0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15
 Left In: -5.800+/-0.000 χ^2/NDF : 0.0/0
 All: 0.141+/-0.000 χ^2/NDF : 29430470807683

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



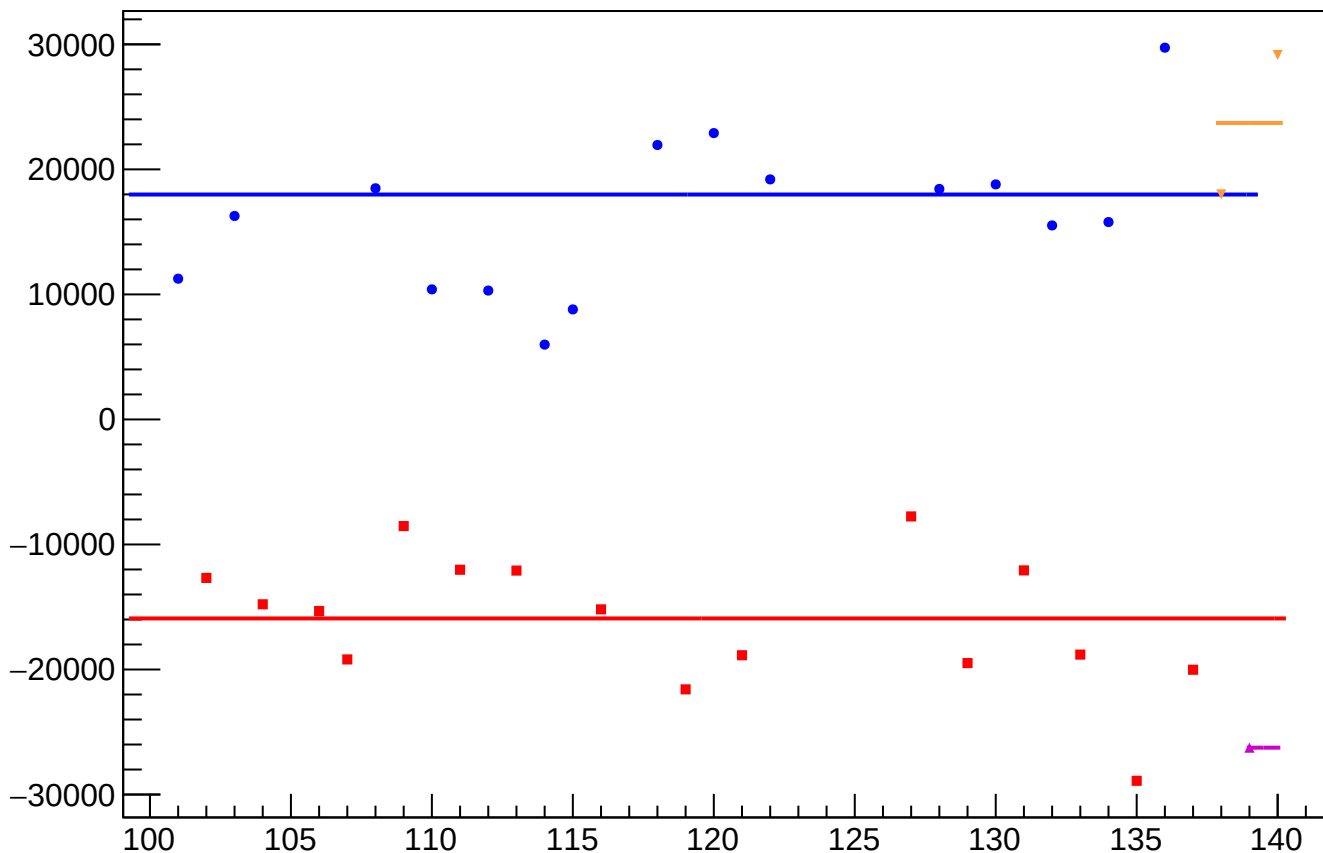
Right In: 1.607 +/- 0.000 χ^2/NDF : 460949628640148184181205735833600.0/14
 Left Out: 1.897 +/- 0.000 χ^2/NDF : 42846164036349673397344542916608.0/1
 Right Out: -1.383 +/- 0.000 χ^2/NDF : 358348897016286200957650337792000.0/15
 Left In: -2.296 +/- 0.000 χ^2/NDF : 16.0/0
 All: 0.153 +/- 0.000 χ^2/NDF : 47794527026652

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	Left: 369.552+/-0.000	χ^2/NDF : 1655145661457498
Left Out: 955.000+/-0.000	χ^2/NDF : 2348870544090060553701581628463120384.0/1	Right: 4.462+/-0.000	χ^2/NDF : 14598494086105576
Right Out: -1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	In: 843.060+/-0.000	χ^2/NDF : 26692008792909420
Left In: -786.889+/-0.000	χ^2/NDF : 0.0/0	Out: -629.383+/-0.000	χ^2/NDF : 544941144962916
		All: 60.972+/-0.000	χ^2/NDF : 1652514851866

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 17988.185+/-0.000

Left: 6920.207+/-0.000 χ^2/NDF : 139220467458243

Left Out: 23713.506+/-0.000

Right: 804.617+/-0.000 χ^2/NDF : 422864756621879

Right Out: -15915.227+/-0.000

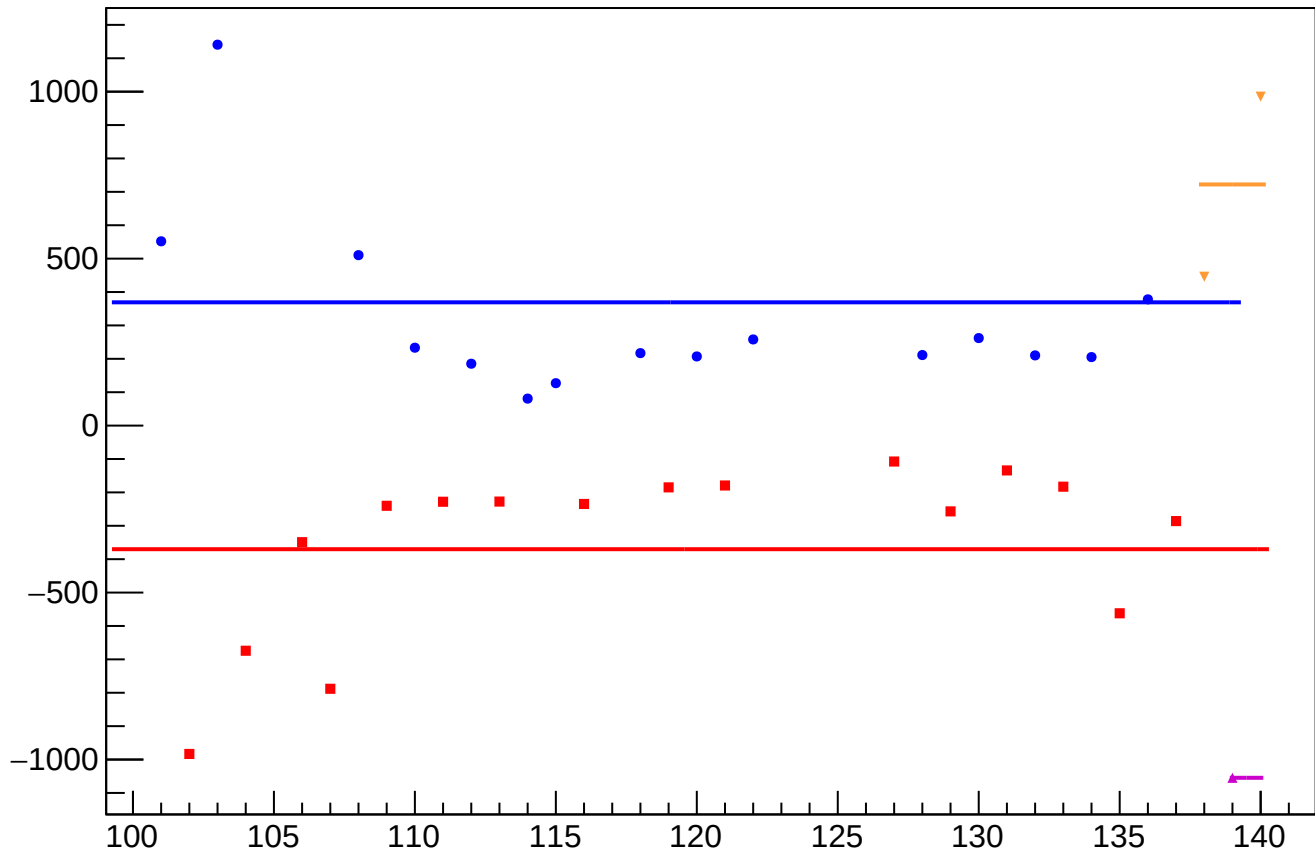
In: 13079.371+/-0.000 χ^2/NDF : 16575555396819

Left In: -26251.741+/-0.000

Out: -8248.241+/-0.000 χ^2/NDF : 22757821353997

All: 1751.217+/-0.000 χ^2/NDF : 56970357724

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 369.169+/-0.000

χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 722.159+/-0.000

χ^2/NDF : 11623329099218511826041204625398300672.0/1

Right Out: -370.091+/-0.000

χ^2/NDF : 48214462907052107543037037125316902912.0/15

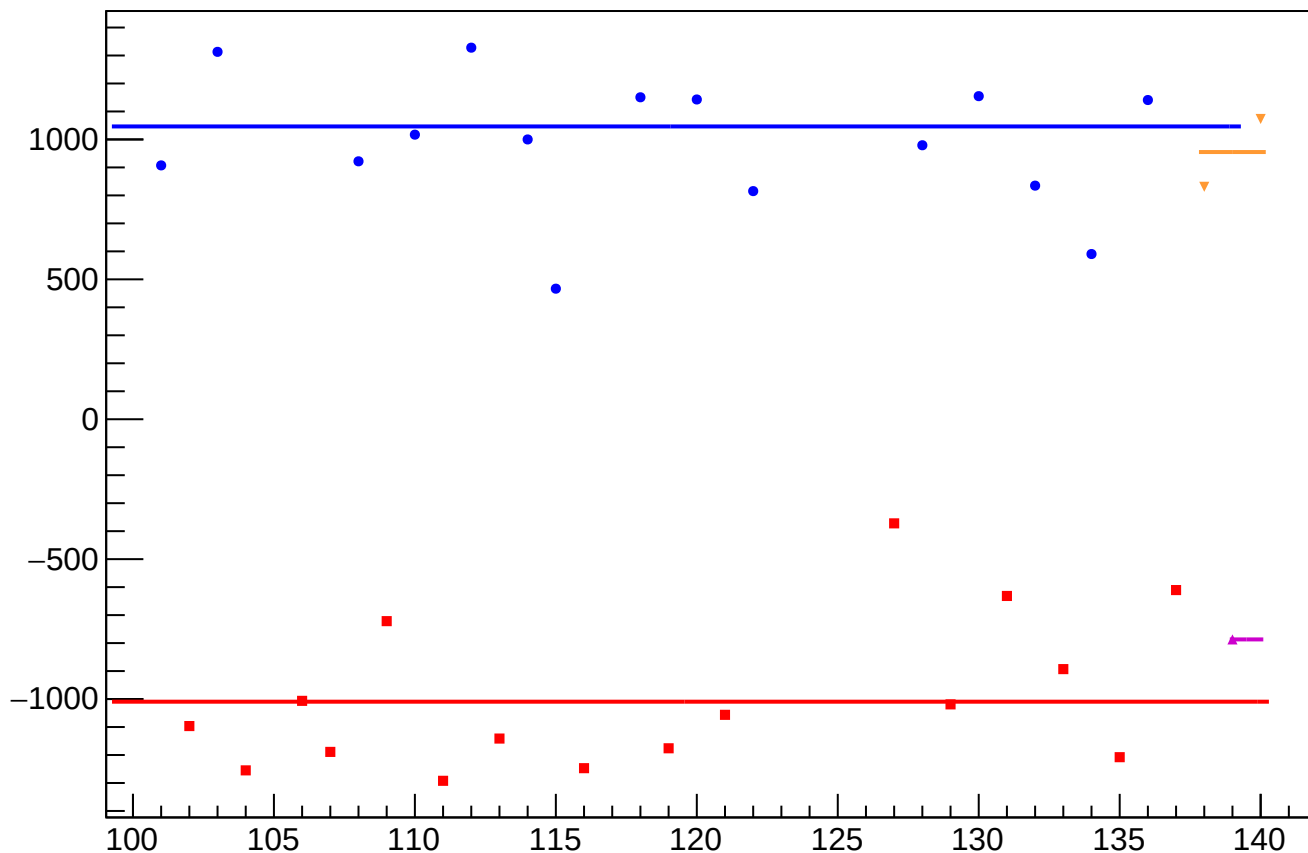
Left In: -1054.666+/-0.000

χ^2/NDF : 4187601.9/0

All: 14.680+/-0.000

χ^2/NDF : 4609018616362

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

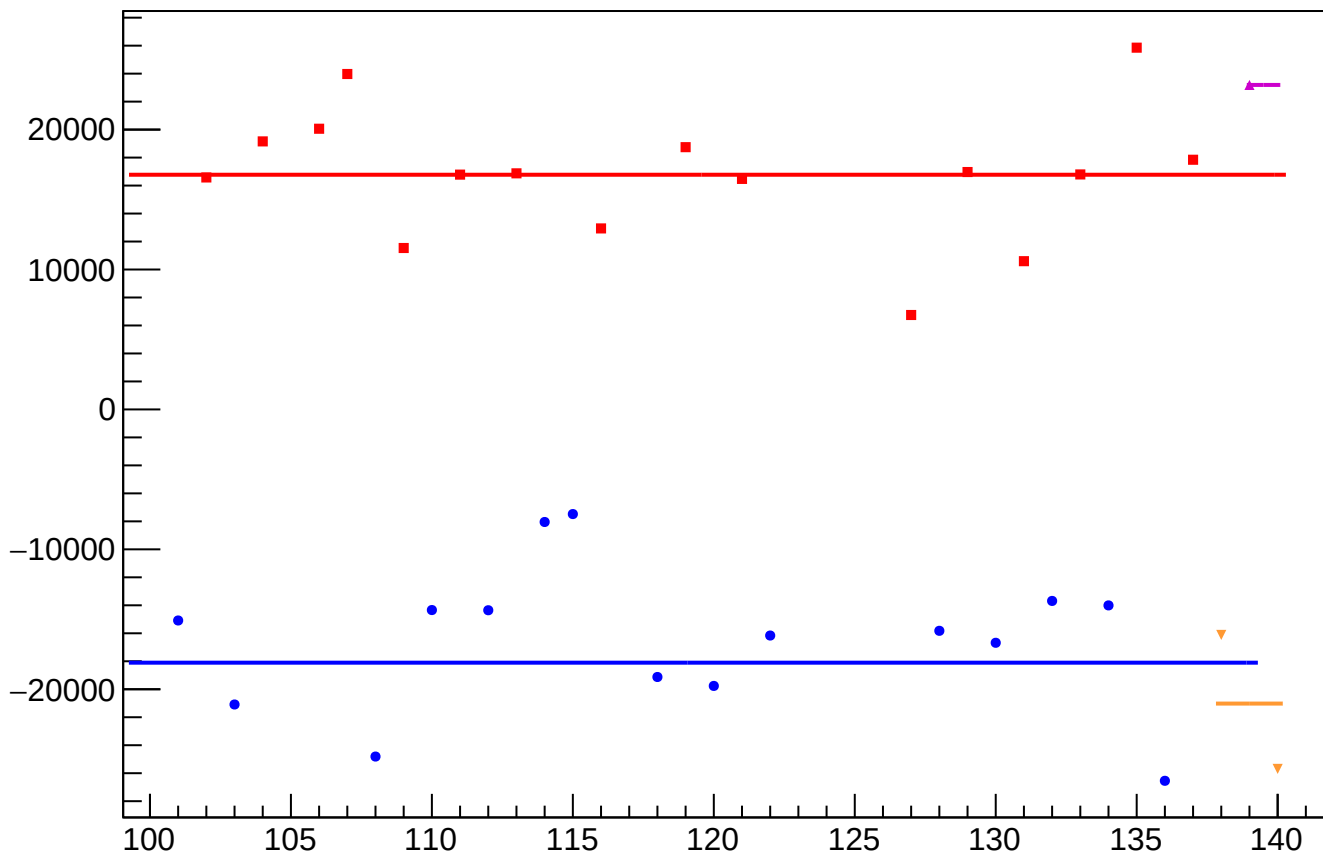
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: -18100.637+/-0.000

Left Out: -21023.901+/-0.000

Right Out: 16773.604+/-0.000

Left In: 23192.279+/-0.000

χ^2/NDF : 14634967546173586967632040765428699496448.0/14

χ^2/NDF : 3665358374376267272386513046762336288768.0/1

χ^2/NDF : 14234547931135812277474342886568366178304.0/15

χ^2/NDF : 0.0/0

Left: -6162.861+/-0.000 χ^2/NDF : 10880110386648

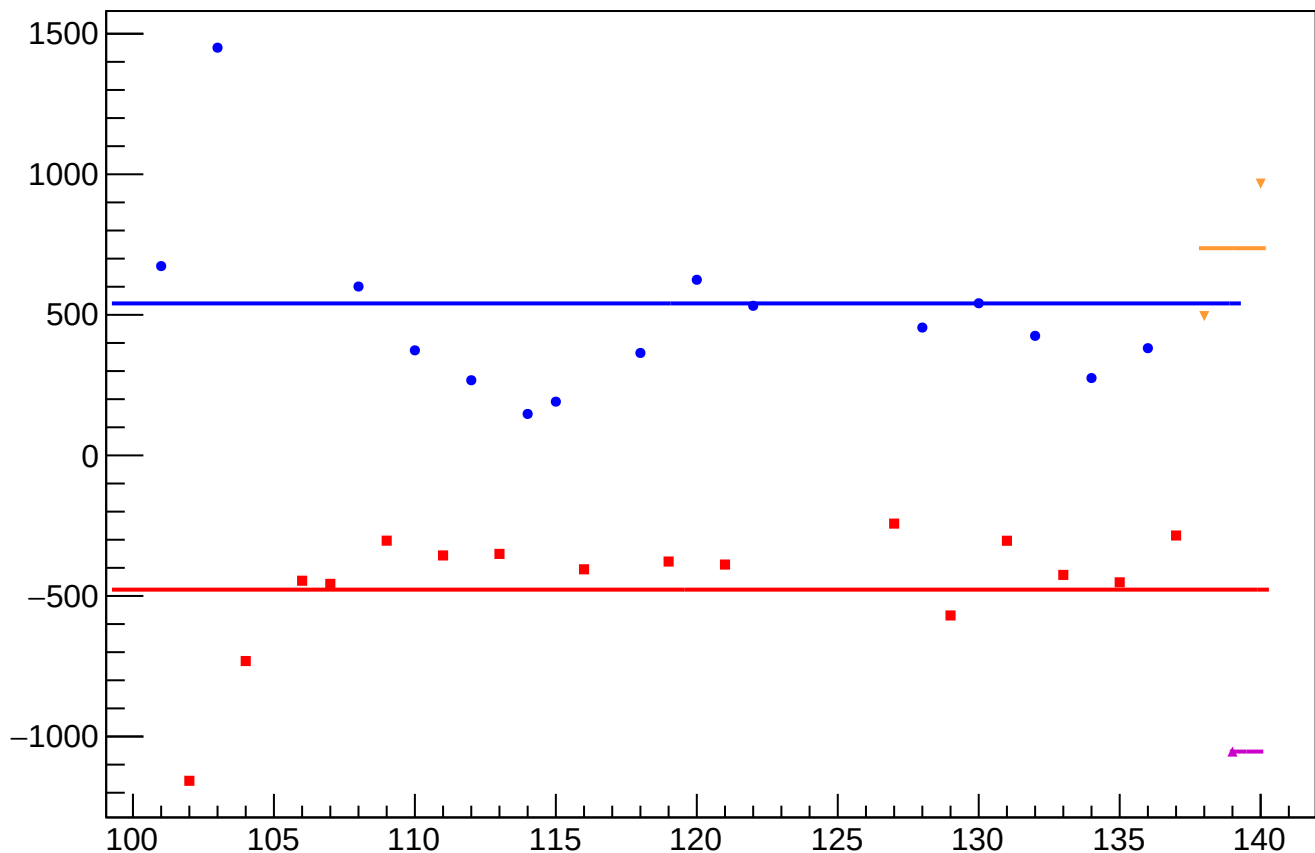
Right: -425.015+/-0.000 χ^2/NDF : 42892863582613

In: -13518.820+/-0.000 χ^2/NDF : 13742354651776

Out: 9460.907+/-0.000 χ^2/NDF : 202259849394340

All: -1313.146+/-0.000 χ^2/NDF : 5444360259

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000

χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 737.077+/-0.000

χ^2/NDF : 8878344772233513738463291384122048512.0/1

Right Out: -477.546+/-0.000

χ^2/NDF : 38798306504296954461537116809760604160.0/15

Left In: -1053.597+/-0.000

χ^2/NDF : 4187601.9/0

Left: 135.232+/-0.000 χ^2/NDF : 1813116773856809

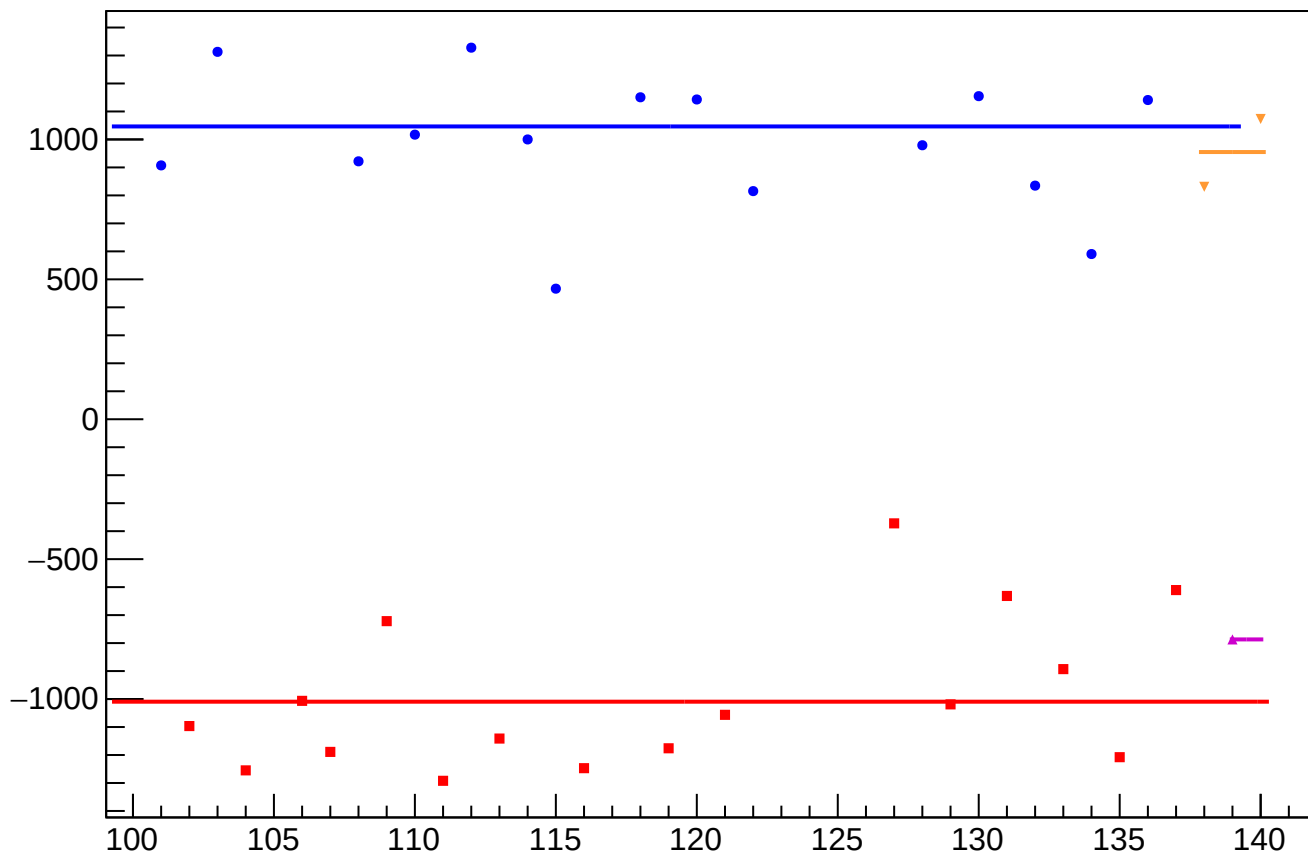
Right: 24.595+/-0.000 χ^2/NDF : 4443717563002768

In: 363.765+/-0.000 χ^2/NDF : 24757796088260022

Out: -242.552+/-0.000 χ^2/NDF : 238057674660011

All: 41.720+/-0.000 χ^2/NDF : 6281768219674

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

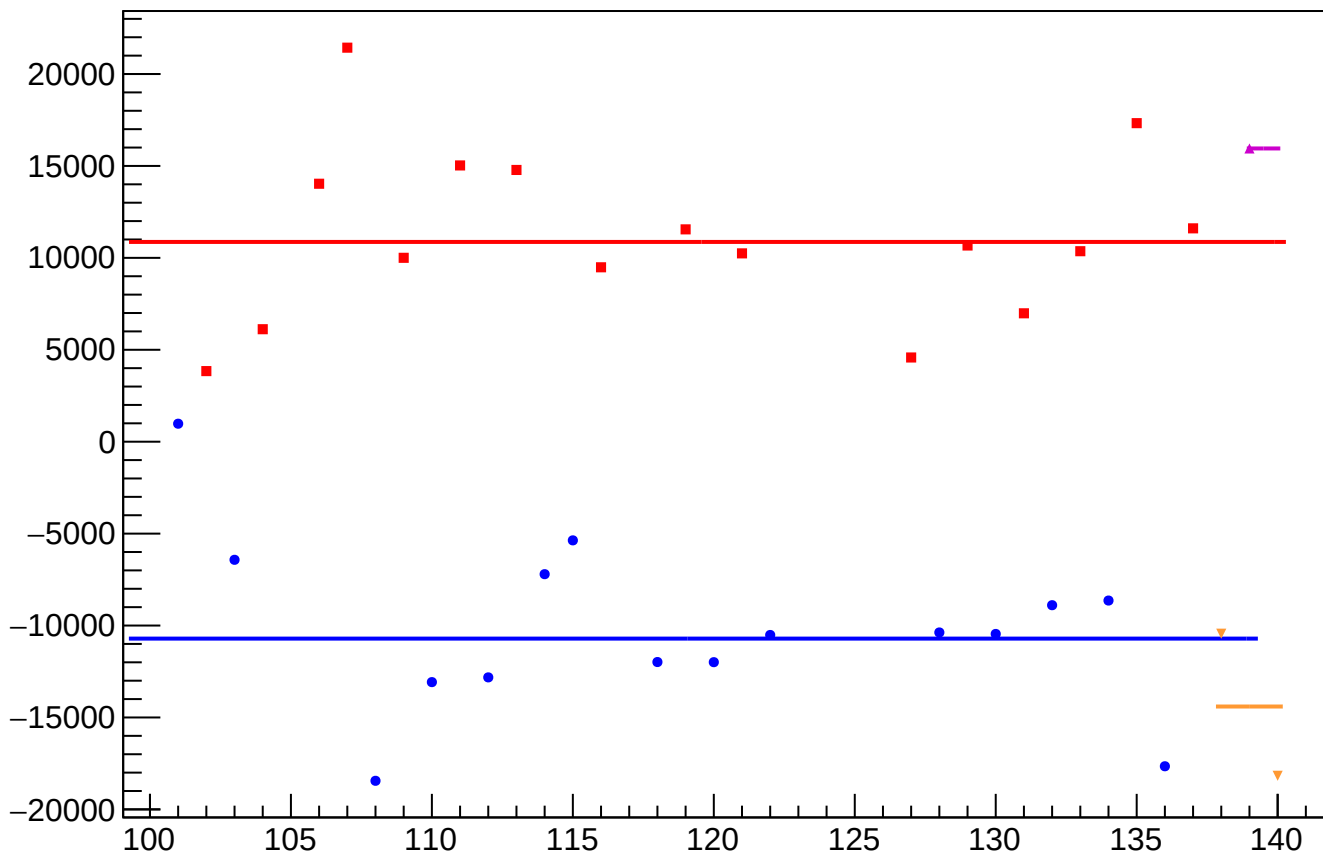
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292+/-0.000

Left Out: -14404.418+/-0.000

Right Out: 10866.264+/-0.000

Left In: 15950.843+/-0.000

χ^2/NDF : 16945226152053511840482618402250170564608.0/14

χ^2/NDF : 2387477237405905271132005203776269975552.0/1

χ^2/NDF : 14234762838858382484525901644131626647552.0/15

χ^2/NDF : 0.0/0

Left: -4202.027+/-0.000

Right: 225.546+/-0.000

In: -7752.002+/-0.000

Out: 5977.136+/-0.000

χ^2/NDF : 51938874065754

χ^2/NDF : 184316555733630

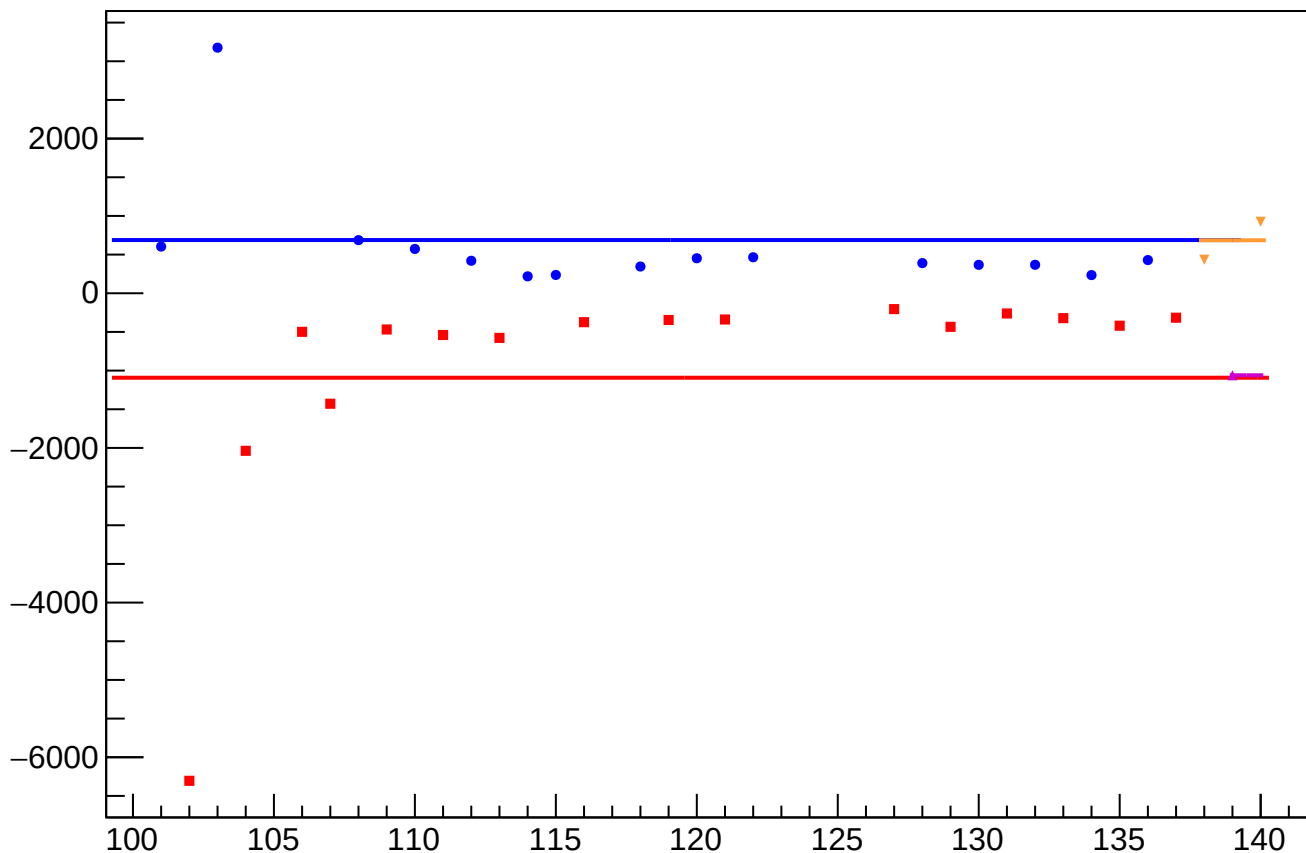
χ^2/NDF : 681327529957777

χ^2/NDF : 990311596904205

All: -459.775+/-0.000

χ^2/NDF : 24024858100

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 687.939+/-0.000

χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 685.314+/-0.000

χ^2/NDF : 9606022052829162659321870012708290560.0/1

Right Out: -1092.265+/-0.000

χ^2/NDF : 1883198142929605813456233812946948456448.0/15

Left In: -1060.619+/-0.000

χ^2/NDF : 0.0/0

Left: 98.507+/-0.000 χ^2/NDF : 17353024067375143

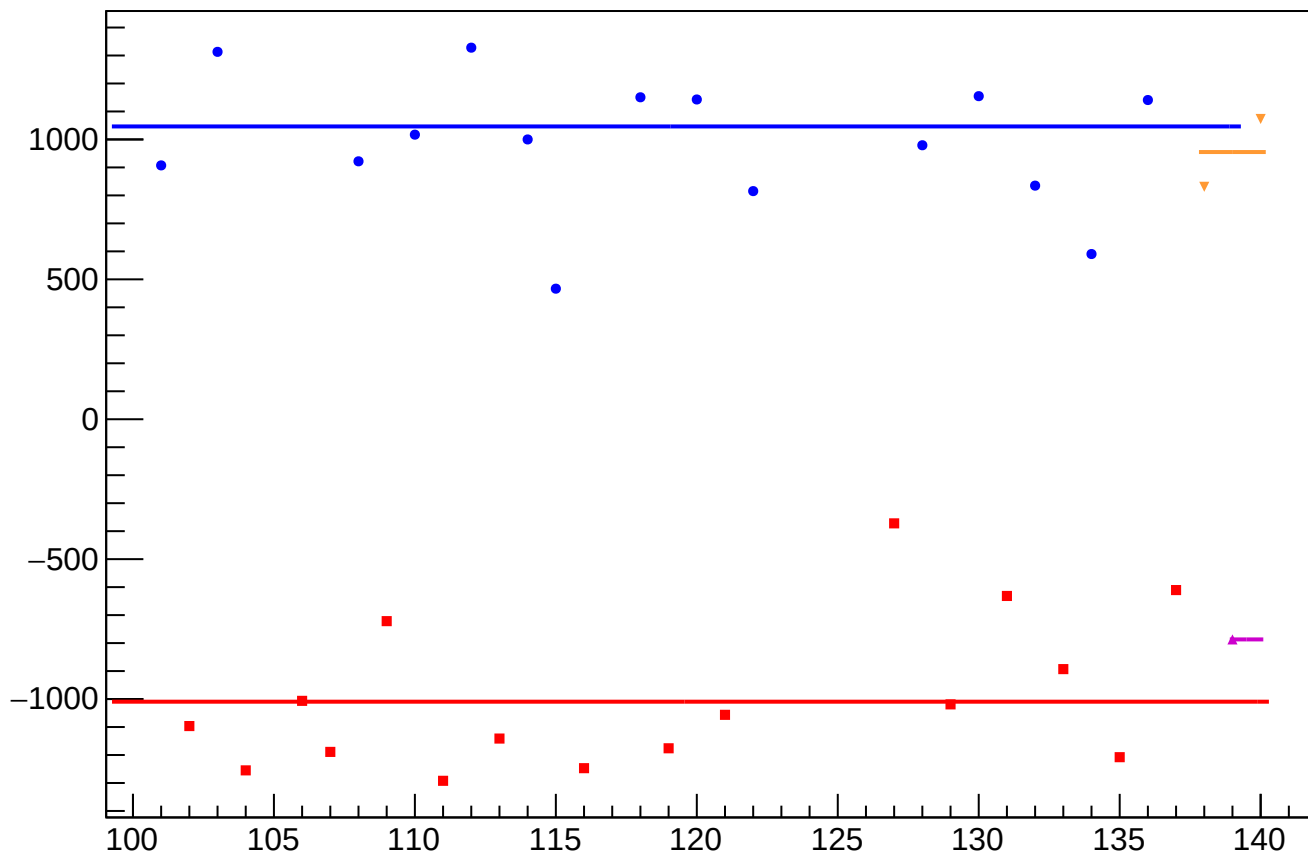
Right: -214.338+/-0.000 χ^2/NDF : 33349422342847

In: 493.921+/-0.000 χ^2/NDF : 62947145640070002

Out: -748.356+/-0.000 χ^2/NDF : 230055813885461

All: -165.914+/-0.000 χ^2/NDF : 35284086482

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

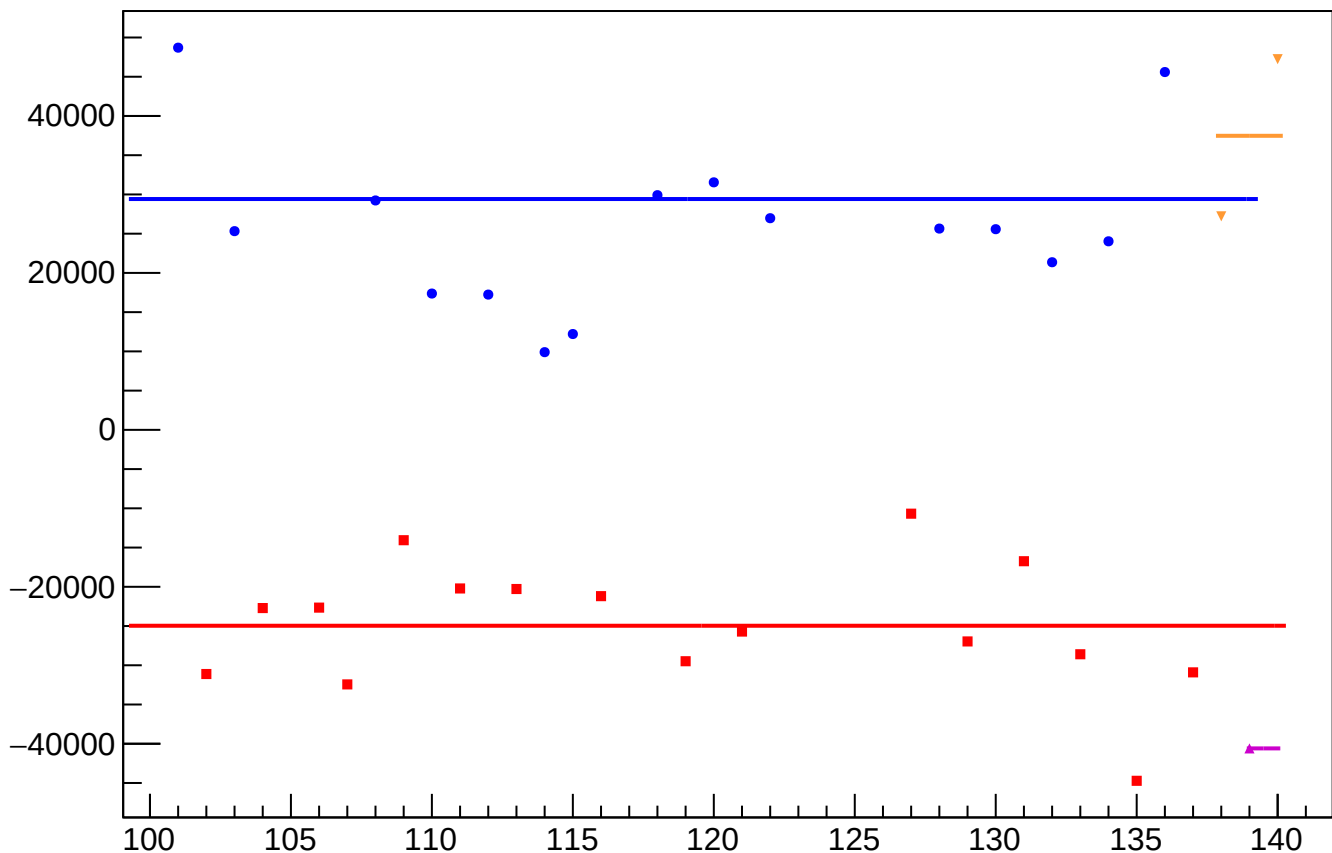
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 29415.830+/-0.000

χ^2/NDF : 71764989638928082906774979753894809174016.0/14

Left Out: 37473.636+/-0.000

χ^2/NDF : 16035091479613132715300165547318654795776.0/1

Right Out: -24963.010+/-0.000

χ^2/NDF : 45631572920122171972835961685494315614208.0/15

Left In: -40593.719+/-0.000

χ^2/NDF : 0.0/0

Left: 11235.230+/-0.000 χ^2/NDF : 34377315532635

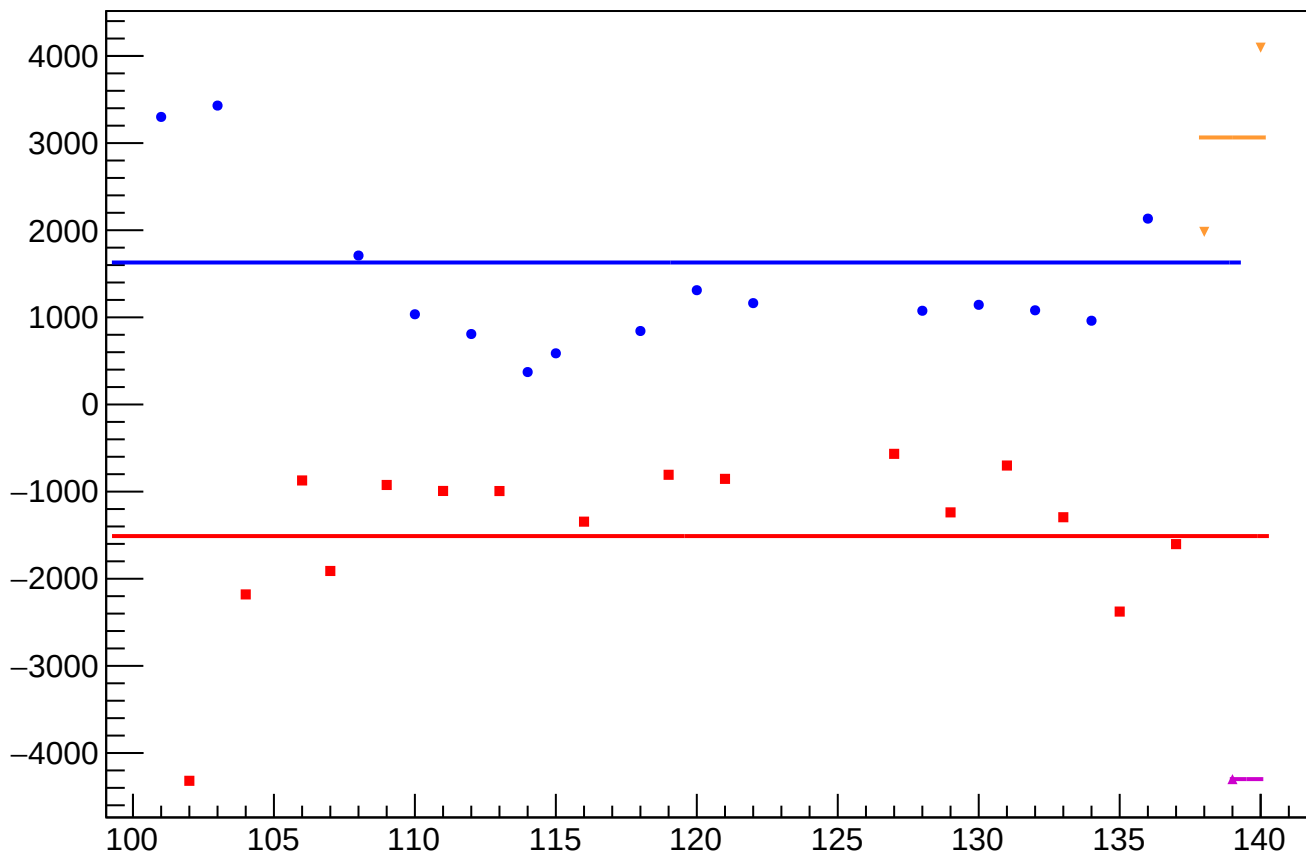
Right: 1854.518+/-0.000 χ^2/NDF : 10900867071107

In: 21647.647+/-0.000 χ^2/NDF : 424721672929829

Out: -12883.369+/-0.000 χ^2/NDF : 5647262555064

All: 3306.510+/-0.000 χ^2/NDF : 14517847292

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000

χ^2/NDF : 551738555355028902194697896437152219136.0/14

Left Out: 3064.624+/-0.000

χ^2/NDF : 178621547779215799305663672446108041216.0/1

Right Out: -1510.293+/-0.000

χ^2/NDF : 688231904046816211321774524619745656832.0/15

Left In: -4299.604+/-0.000

χ^2/NDF : 0.0/0

Left: 589.510+/-0.000 χ^2/NDF : 3094989919238000

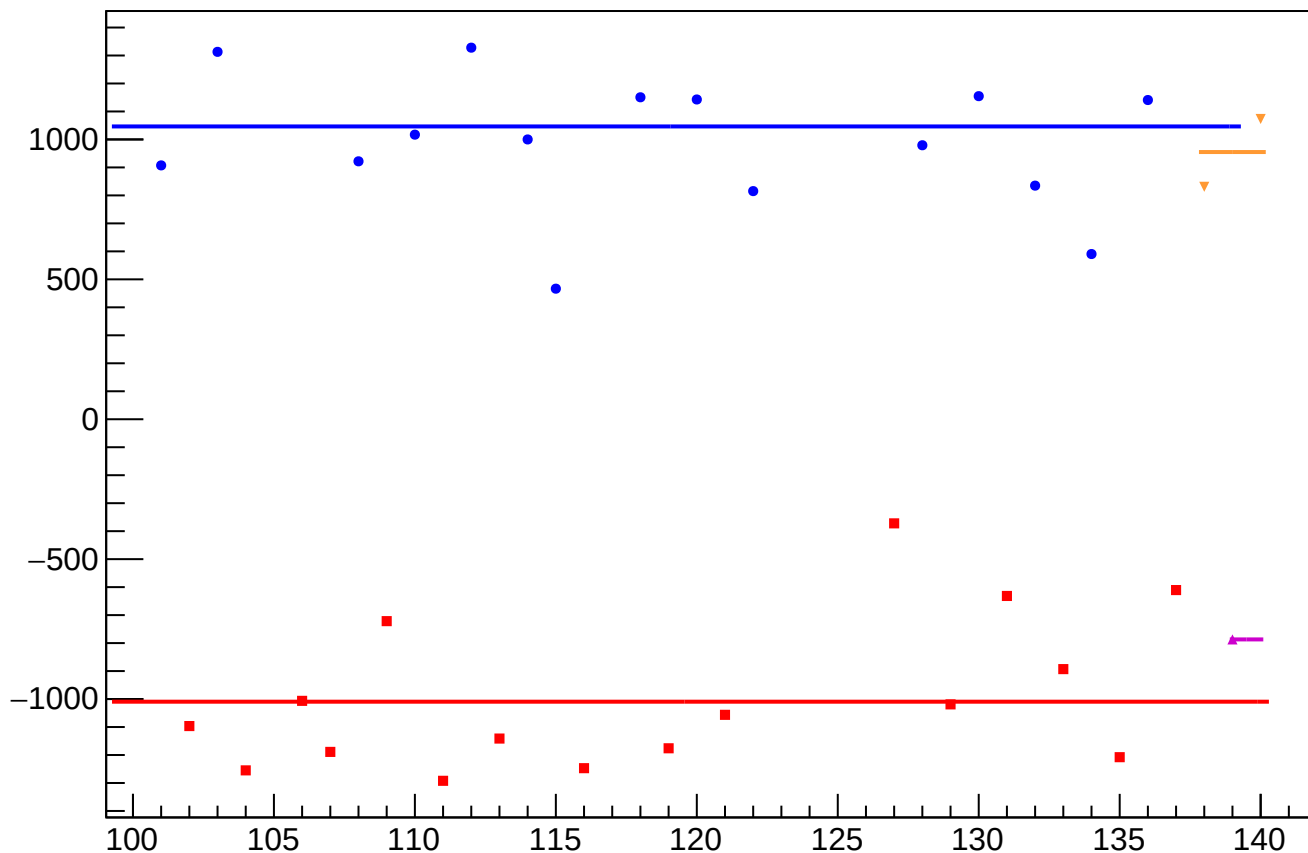
Right: 38.151+/-0.000 χ^2/NDF : 4482831303964084

In: 971.650+/-0.000 χ^2/NDF : 30833154103553907

Out: -625.182+/-0.000 χ^2/NDF : 356774250601224

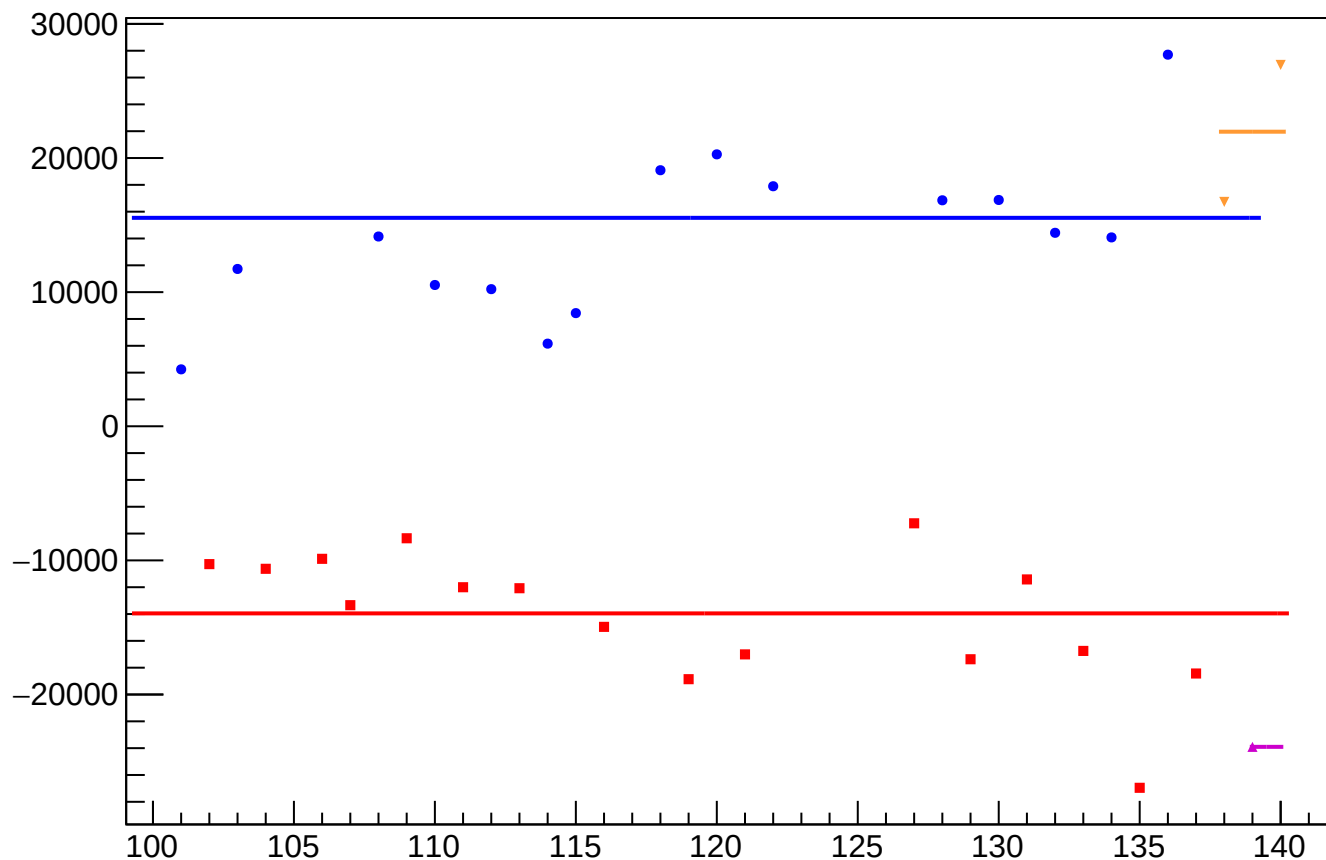
All: 123.493+/-0.000 χ^2/NDF : 763974431662

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	Left: 369.552+/-0.000	χ^2/NDF : 1655145661457498
Left Out: 955.000+/-0.000	χ^2/NDF : 2348870544090060553701581628463120384.0/1	Right: 4.462+/-0.000	χ^2/NDF : 14598494086105576
Right Out: -1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	In: 843.060+/-0.000	χ^2/NDF : 26692008792909420
Left In: -786.889+/-0.000	χ^2/NDF : 0.0/0	Out: -629.383+/-0.000	χ^2/NDF : 544941144962916
		All: 60.972+/-0.000	χ^2/NDF : 1652514851866

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787+/-0.000

χ^2/NDF : 27383635886523601832377795383509714468864.0/14

Left Out: 21962.621+/-0.000

χ^2/NDF : 4169747356546485780795711161496753930240.0/1

Right Out: -13951.799+/-0.000

χ^2/NDF : 16954071035739584664612813430748100952064.0/15

Left In: -23902.112+/-0.000

χ^2/NDF : 0.0/0

Left: 6547.504+/-0.000 χ^2/NDF : 117291390019196

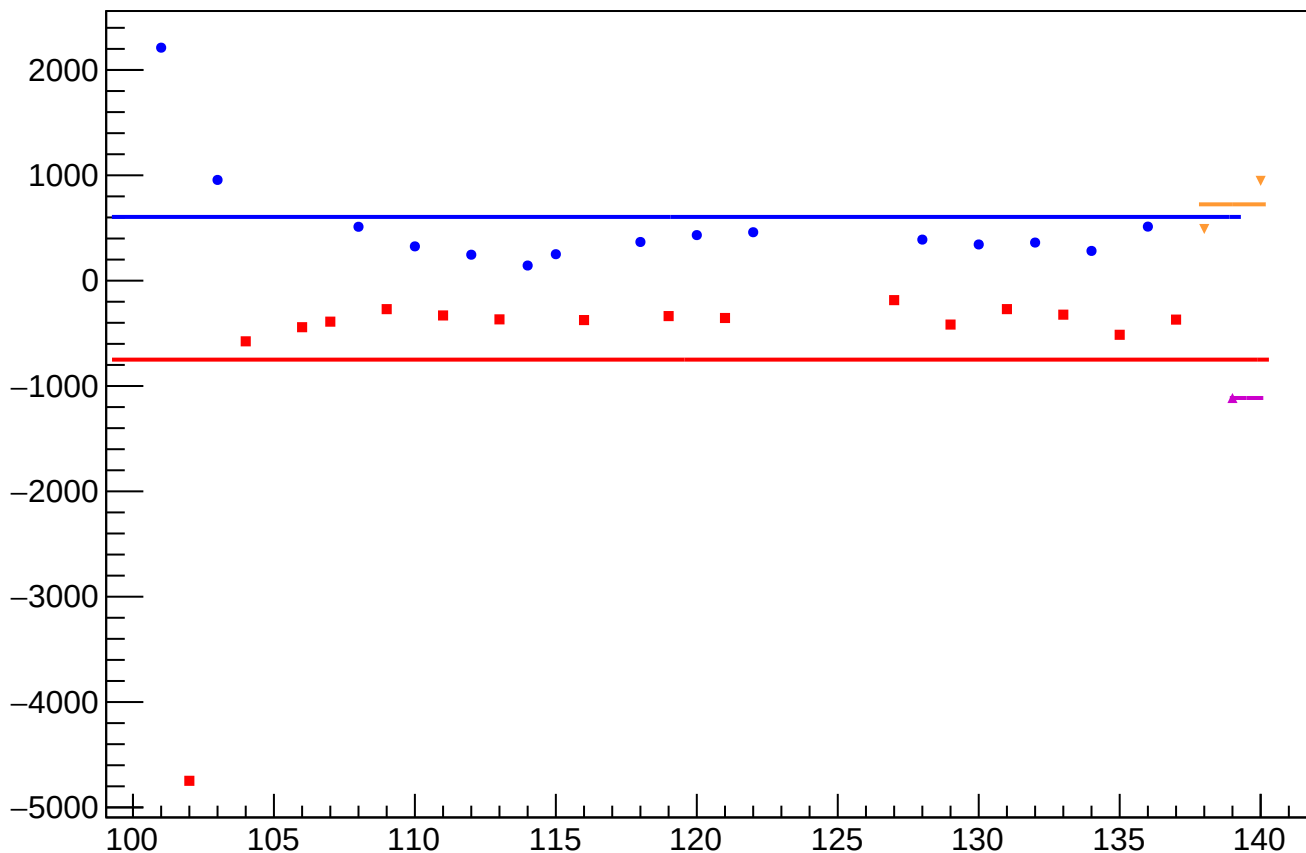
Right: 592.797+/-0.000 χ^2/NDF : 330452519024961

In: 11164.246+/-0.000 χ^2/NDF : 139416257654225

Out: -7003.423+/-0.000 χ^2/NDF : 18757160817342

All: 1514.495+/-0.000 χ^2/NDF : 45496670067

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 605.034+/-0.000

χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 724.498+/-0.000

χ^2/NDF : 8351685219261030252404128334638743552.0/1

Right Out: -749.582+/-0.000

χ^2/NDF : 1021358768377495935693748779804344188928.0/15

Left In: -1113.753+/-0.000

χ^2/NDF : 0.0/0

Left: 106.663+/-0.000 χ^2/NDF : 1900696019302665

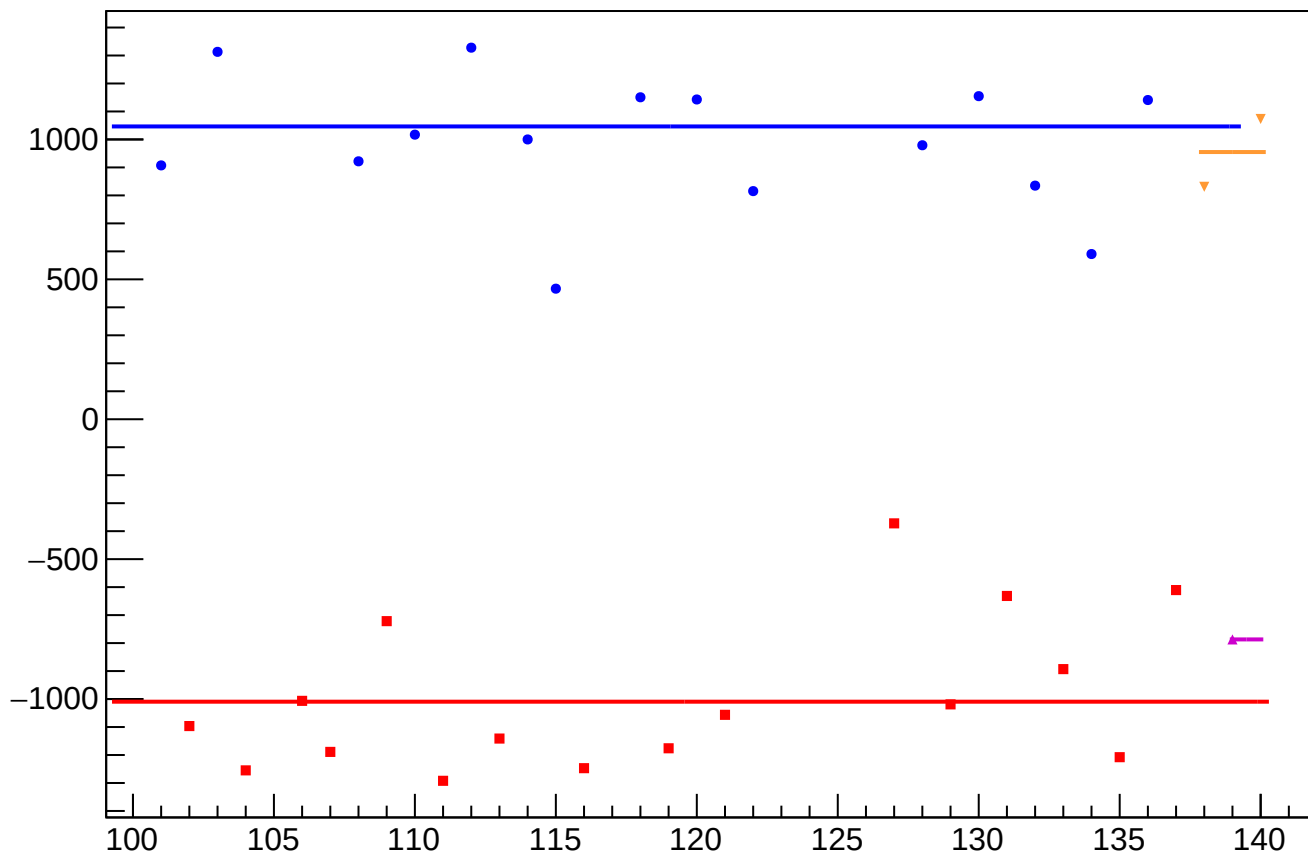
Right: -81.538+/-0.000 χ^2/NDF : 181435748538570

In: 414.319+/-0.000 χ^2/NDF : 40214249603164373

Out: -464.391+/-0.000 χ^2/NDF : 131011340911654

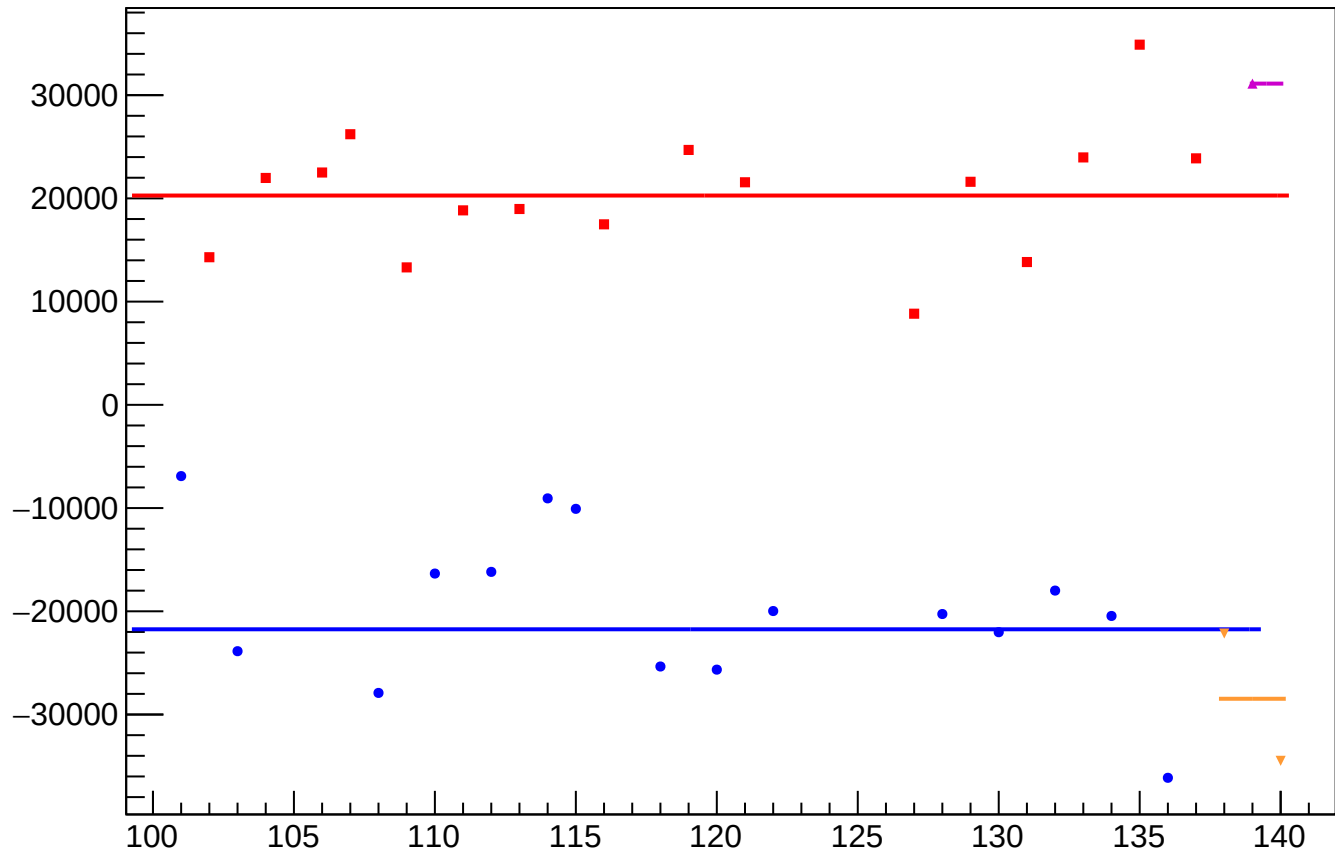
All: -52.408+/-0.000 χ^2/NDF : 201164193141

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 955.000+/-0.000 χ^2/NDF : 2348870544090060553701581628463120384.0/1
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -786.889+/-0.000 χ^2/NDF : 0.0/0
 All: 60.972+/-0.000 χ^2/NDF : 165251485186

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: -21743.360+/-0.000

Left Out: -28473.177+/-0.000

Right Out: 20275.415+/-0.000

Left In: 31117.594+/-0.000

χ^2/NDF : 41106858823579527325198675675398793068544.0/14

χ^2/NDF : 6081332736910096602200377881507632513024.0/1

χ^2/NDF : 25935869132092920231681532417627320745984.0/15

χ^2/NDF : 0.0/0

Left: -8444.743+/-0.000

Right: -446.610+/-0.000

In: -15877.966+/-0.000

Out: 10844.007+/-0.000

χ^2/NDF : 19704289666174

χ^2/NDF : 64780902874572

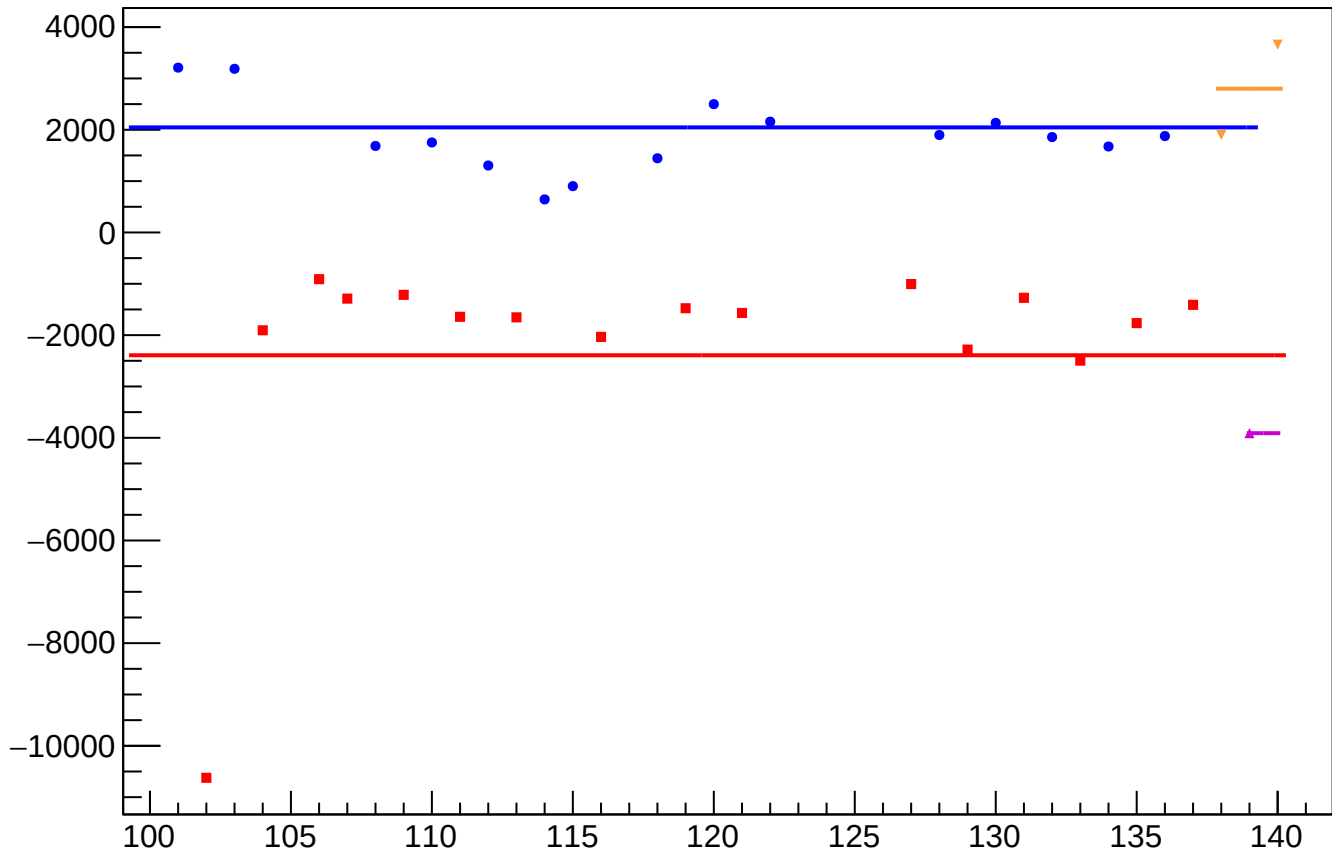
χ^2/NDF : 24232950146395

χ^2/NDF : 33868236865035

All: -1684.600+/-0.000

χ^2/NDF : 8578824404

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 2046.354+/-0.000

χ^2/NDF : 266555515927348892036833058355226345472.0/14

Left Out: 2800.024+/-0.000

χ^2/NDF : 123743030990327427324757647463007911936.0/1

Right Out: -2391.939+/-0.000

χ^2/NDF : 4415294964789778815259357544579499819008.0/15

Left In: -3909.627+/-0.000

χ^2/NDF : 0.0/0

Left: 544.913+/-0.000 χ^2/NDF : 2544703783137600

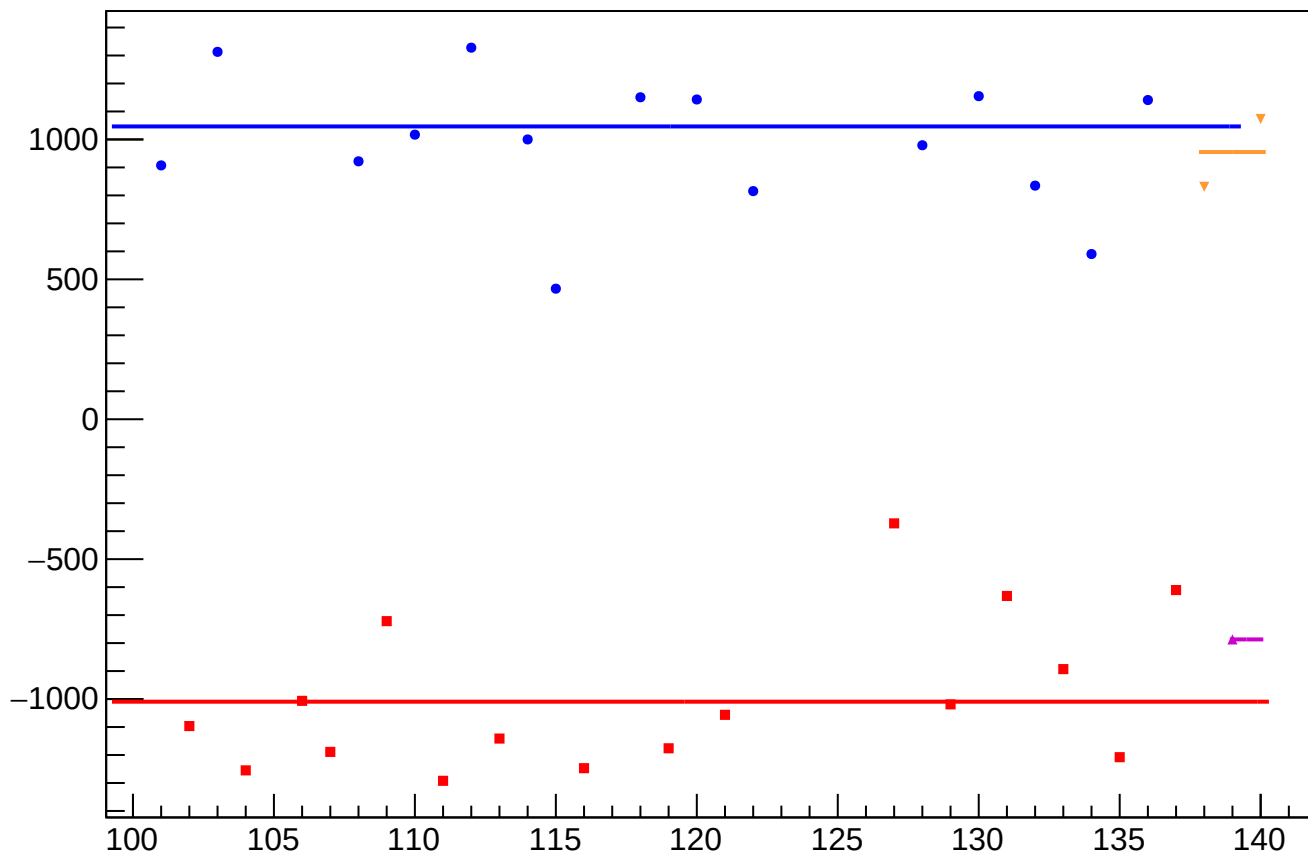
Right: -203.146+/-0.000 χ^2/NDF : 11161426338405

In: 1385.485+/-0.000 χ^2/NDF : 2821099567219042

Out: -1387.448+/-0.000 χ^2/NDF : 80176297760825

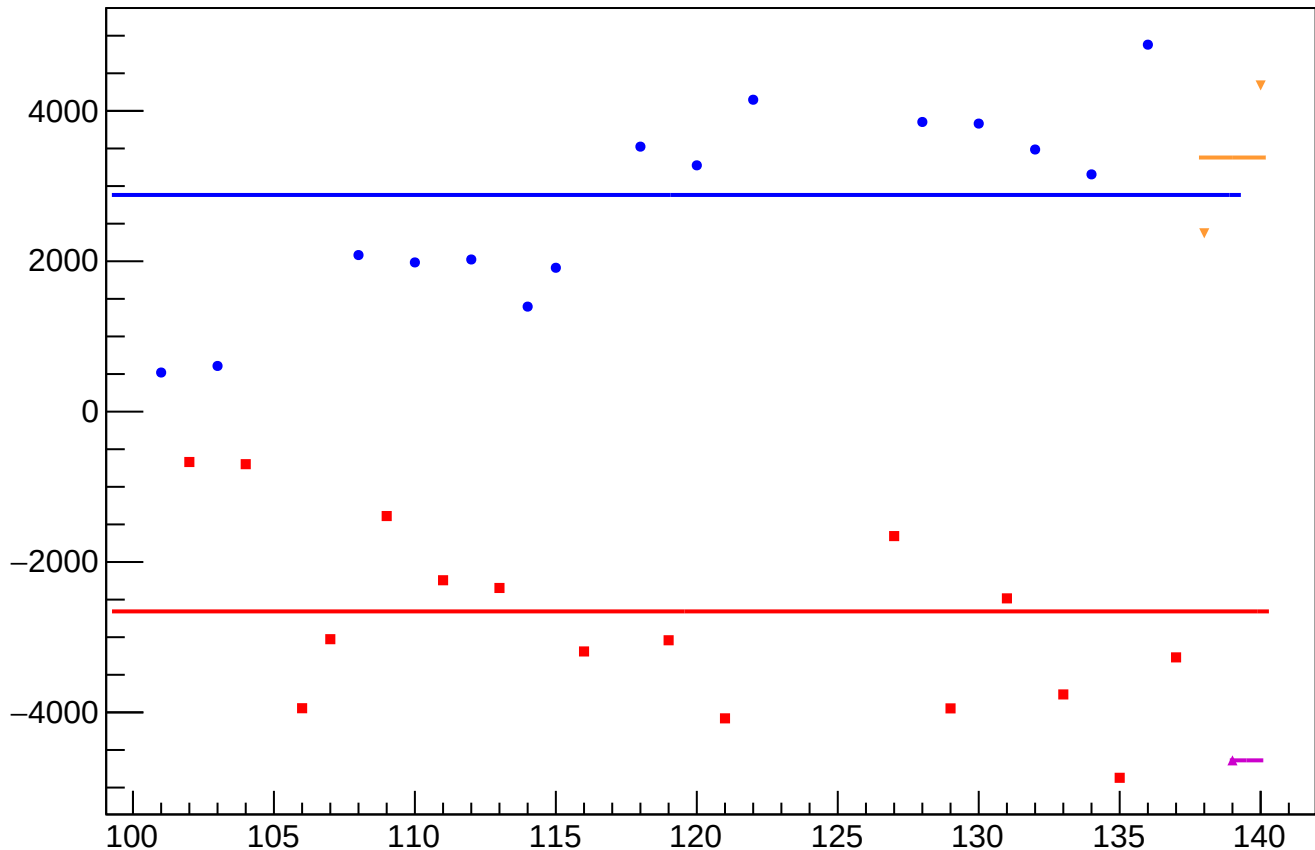
All: -87.357+/-0.000 χ^2/NDF : 138201172239

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490 ± 0.000	$\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$	Left: 369.552 ± 0.000	$\chi^2/\text{NDF}: 1655145661457498$
Left Out: 955.000 ± 0.000	$\chi^2/\text{NDF}: 2348870544090060553701581628463120384.0/1$	Right: 4.462 ± 0.000	$\chi^2/\text{NDF}: 14598494086105576$
Right Out: -1009.445 ± 0.000	$\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$	In: 843.060 ± 0.000	$\chi^2/\text{NDF}: 26692008792909420$
Left In: -786.889 ± 0.000	$\chi^2/\text{NDF}: 0.0/0$	Out: -629.383 ± 0.000	$\chi^2/\text{NDF}: 544941144962916$
		All: 60.972 ± 0.000	$\chi^2/\text{NDF}: 1652514851866$

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2881.935+/-0.000

χ^2/NDF : 1320319391496525533692082365878834823168.0/14

Left Out: 3379.780+/-0.000

χ^2/NDF : 154595201447992038795440152942502477824.0/1

Right Out: -2656.918+/-0.000

χ^2/NDF : 1077696846216053561130716877125509447680.0/15

Left In: -4638.015+/-0.000

χ^2/NDF : 0.0/0

Left: 685.002+/-0.000 χ^2/NDF : 3611582473071996

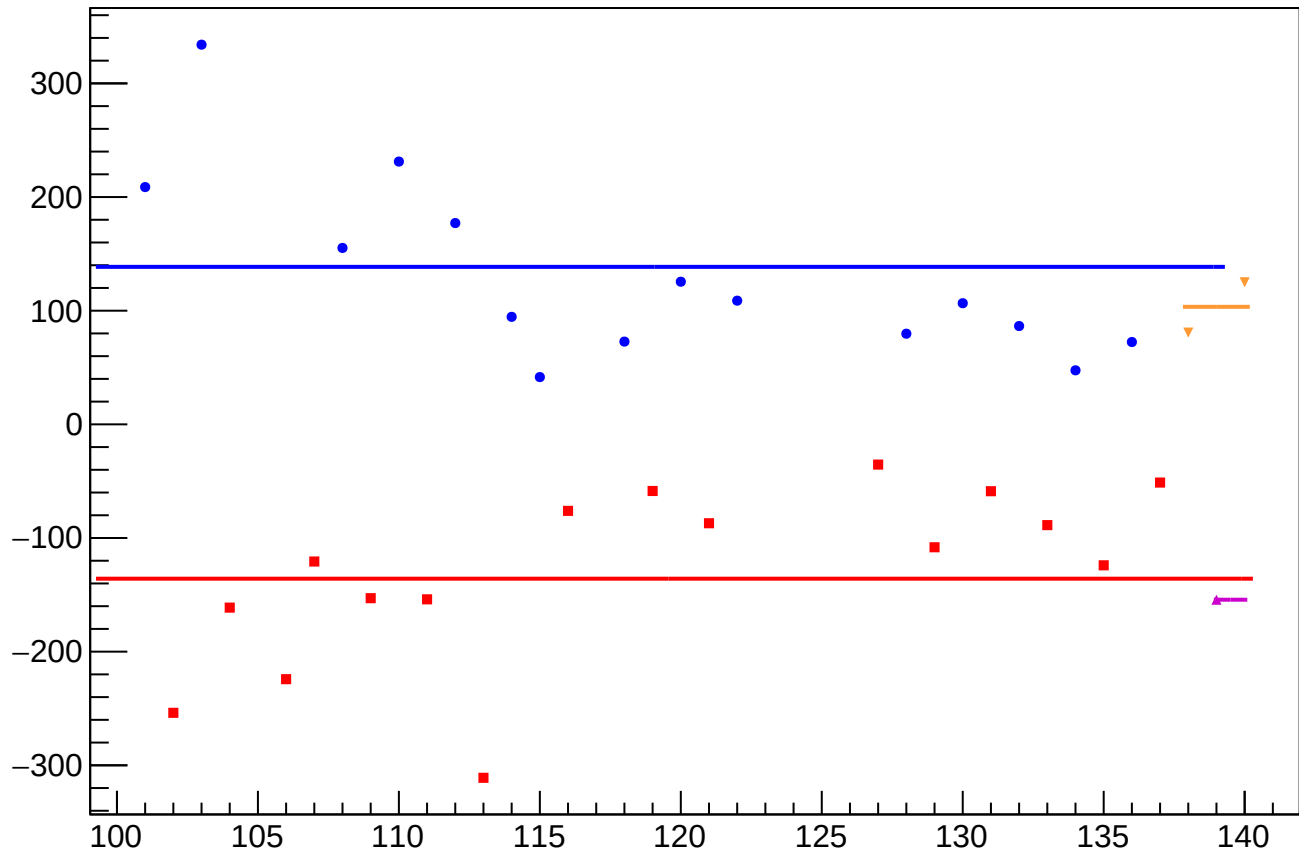
Right: 74.629+/-0.000 χ^2/NDF : 1248948533864623

In: 2047.530+/-0.000 χ^2/NDF : 5392590848779233

Out: -1488.996+/-0.000 χ^2/NDF : 59349049154519

All: 169.105+/-0.000 χ^2/NDF : 161769563233

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 138.577+/-0.000

χ^2/NDF : 4242369889979811373883774021335515136.0/14

Left Out: 103.400+/-0.000

χ^2/NDF : 78349203650857189231452605607051264.0/1

Right Out: -135.809+/-0.000

χ^2/NDF : 3956401741862524263243160868173643776.0/15

Left In: -154.296+/-0.000

χ^2/NDF : 0.0/0

Left: 16.789+/-0.000 χ^2/NDF : 36494658807769641

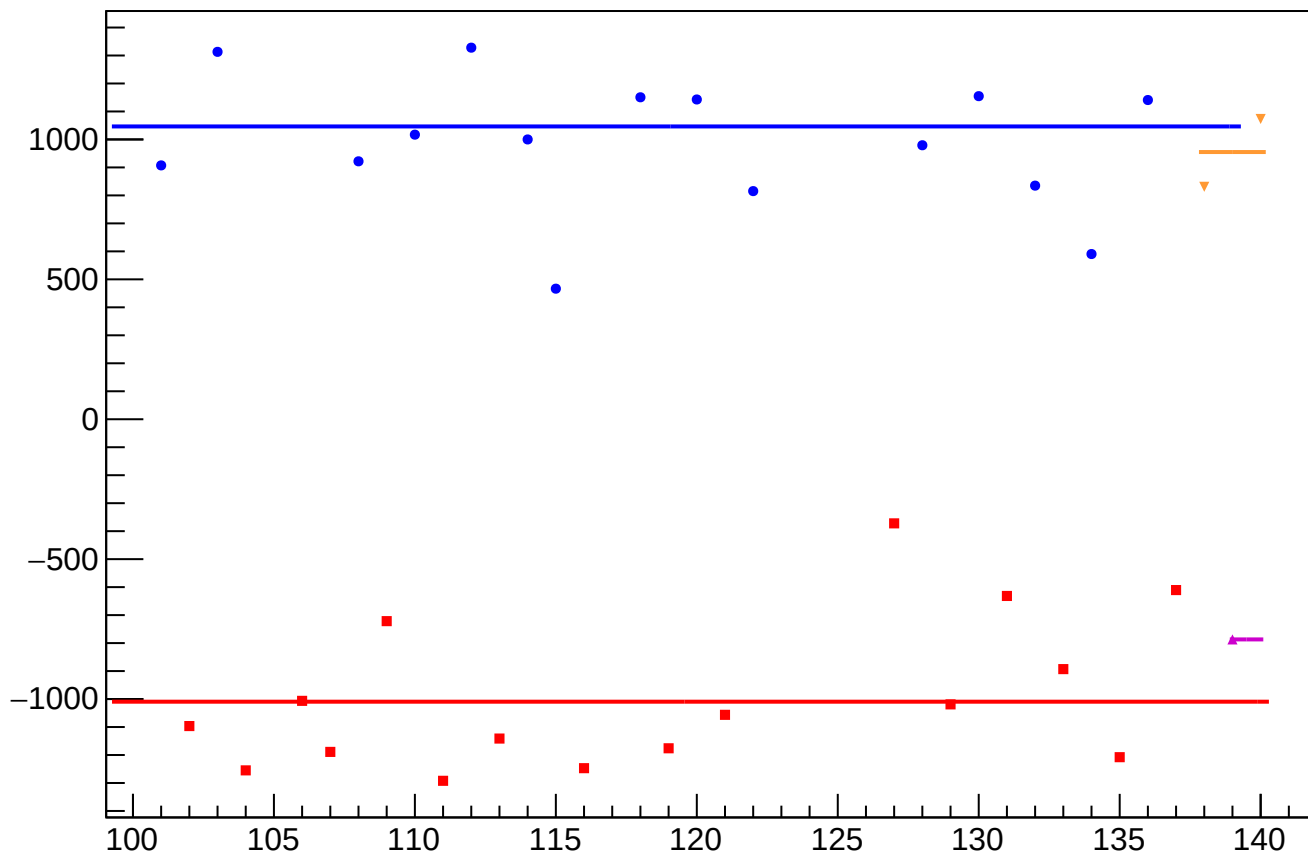
Right: -0.492+/-0.000 χ^2/NDF : 3296375379571767

In: 106.080+/-0.000 χ^2/NDF : 10419198547099012

Out: -89.529+/-0.000 χ^2/NDF : 1141881561775224

All: 2.183+/-0.000 χ^2/NDF : 36674050496917

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

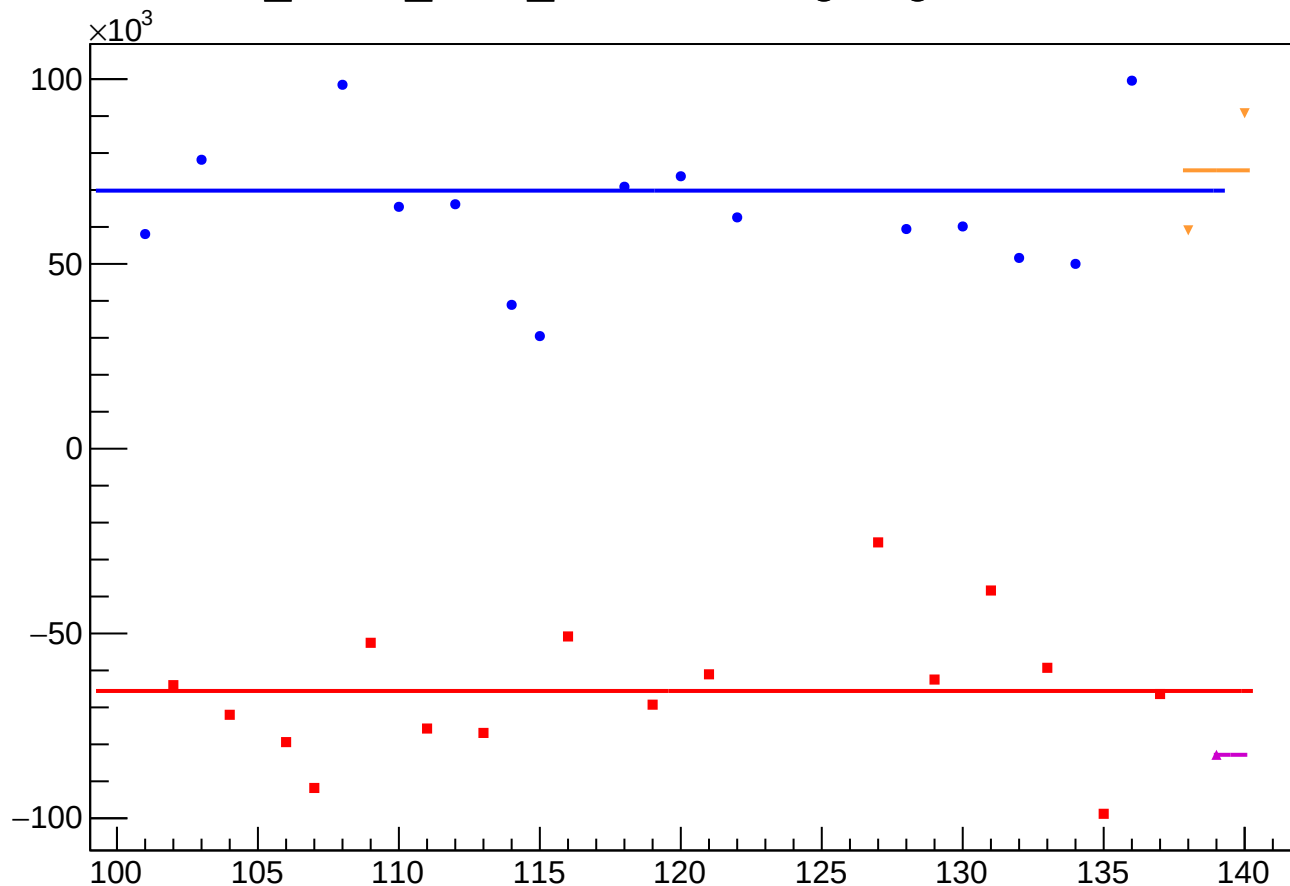
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 69827.797+/-0.000

 χ^2/NDF : 187803282116493131197684060541288926150656.0/14

Left Out: 75319.117+/-0.000

 χ^2/NDF : 40136737709055213286161504650664184119296.0/1

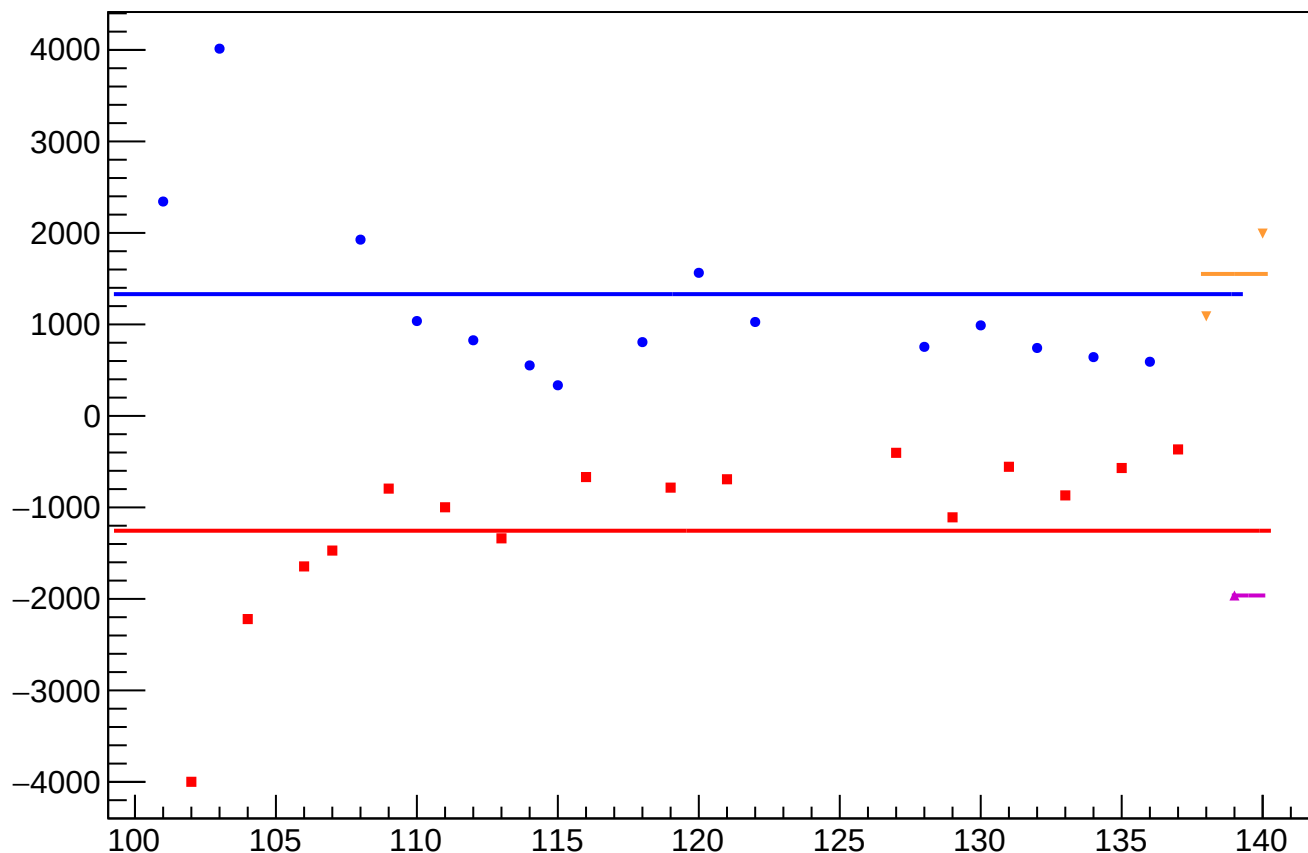
Right Out: -65555.147+/-0.000

 χ^2/NDF : 21200146781138675091062578319599741673472.0/15

Left In: -82828.100+/-0.000

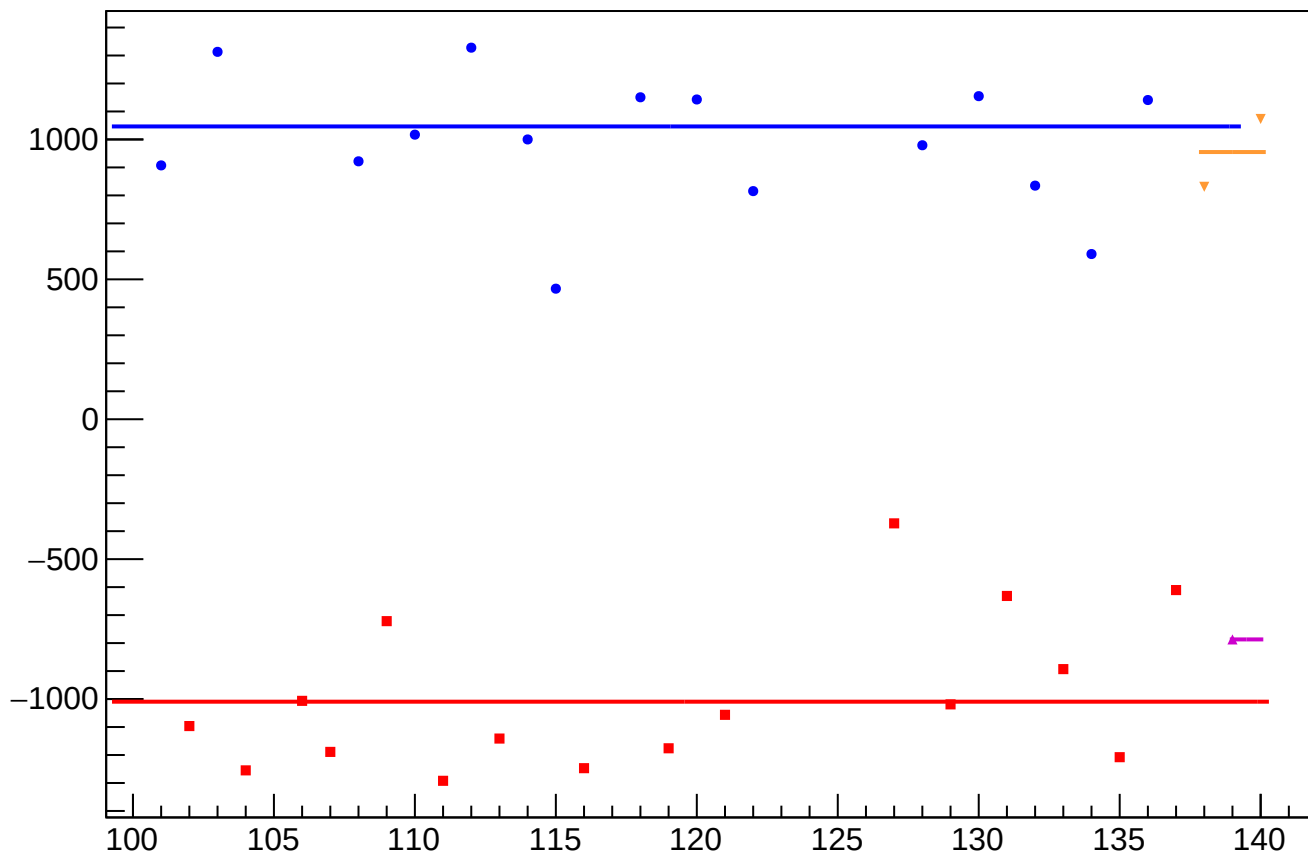
 χ^2/NDF : 0.0/0Left: 22165.903+/-0.000 χ^2/NDF : 13851019843875Right: 1210.454+/-0.000 χ^2/NDF : 64287668357099In: 52889.266+/-0.000 χ^2/NDF : 186596583537117Out: -38300.151+/-0.000 χ^2/NDF : 2813103107738All: 4454.040+/-0.000 χ^2/NDF : 79033183913

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1551.724+/-0.000 χ^2/NDF : 32700135228614204688998254793967271936.0/1
 Right Out: -1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: -1962.567+/-0.000 χ^2/NDF : 0.0/0
 All: 74.566+/-0.000 χ^2/NDF : 4202898634608

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

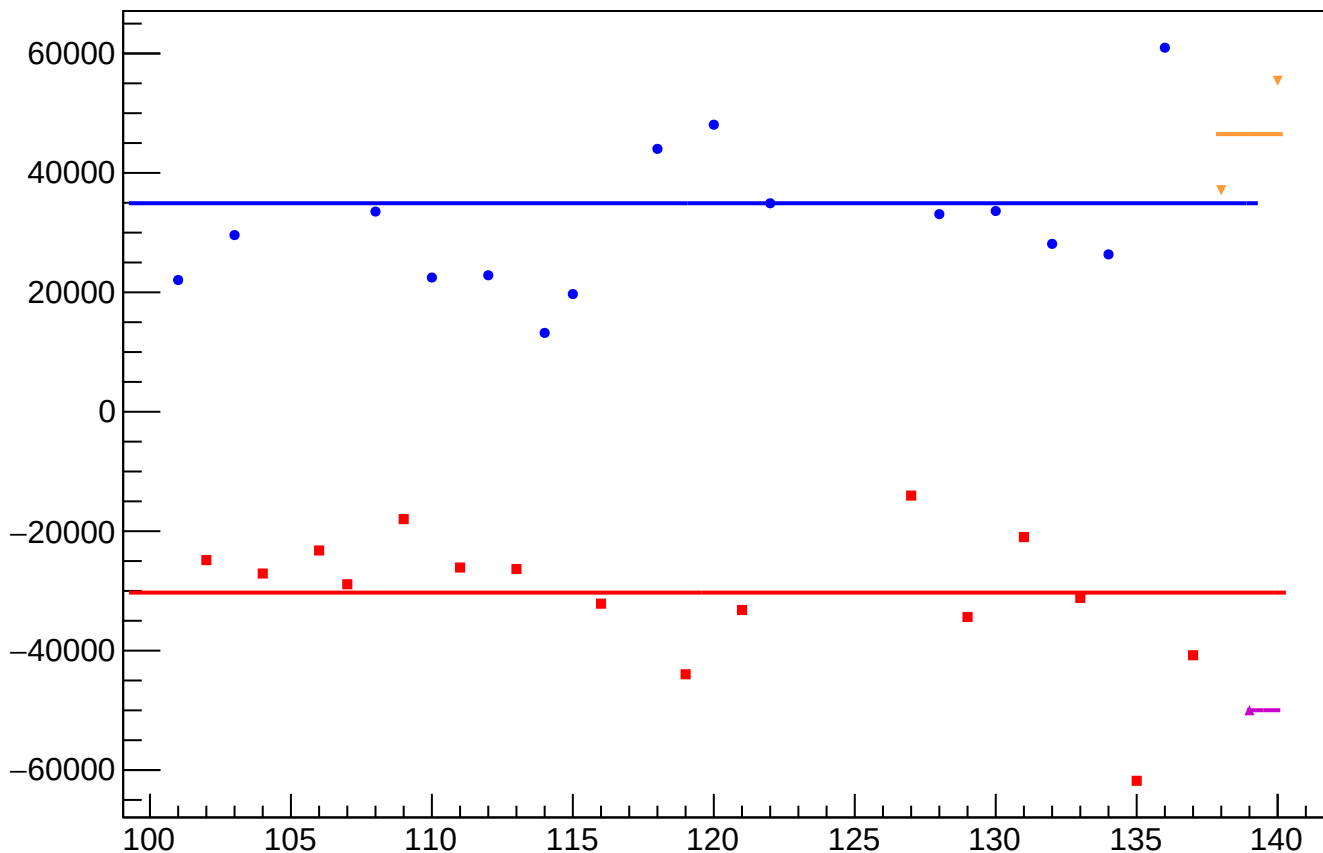
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 34919.716+/-0.000

χ^2/NDF : 106387385440718622155122541848729997017088.0/14

Left Out: 46495.303+/-0.000

χ^2/NDF : 13430477207162561515295087559844145659904.0/1

Right Out: -30282.373+/-0.000

χ^2/NDF : 88346165266593126627598951693506073067520.0/15

Left In: -49980.201+/-0.000

χ^2/NDF : 0.0/0

Left: 14069.926+/-0.000 χ^2/NDF : 51395120814012

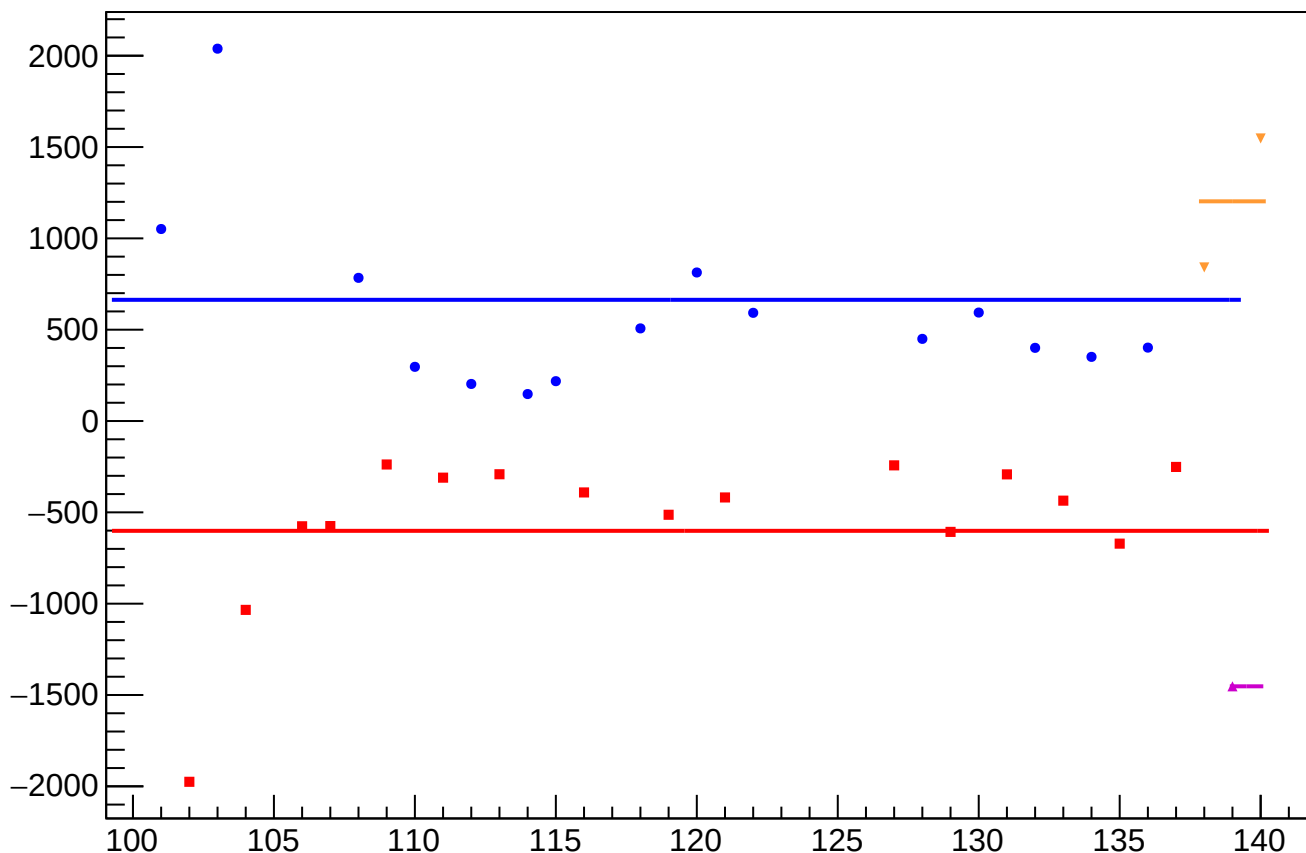
Right: 1872.760+/-0.000 χ^2/NDF : 15931536557711

In: 25499.314+/-0.000 χ^2/NDF : 625451953697409

Out: -15428.168+/-0.000 χ^2/NDF : 8624710622962

All: 3760.697+/-0.000 χ^2/NDF : 21374090177

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 663.574+/-0.000

χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 1202.810+/-0.000

χ^2/NDF : 19932232664279348835158201255621296128.0/1

Right Out: -601.216+/-0.000

χ^2/NDF : 149717884331889332339995334350831878144.0/15

Left In: -1452.497+/-0.000

χ^2/NDF : 0.0/0

Left: 310.362+/-0.000 χ^2/NDF : 3990878571445597

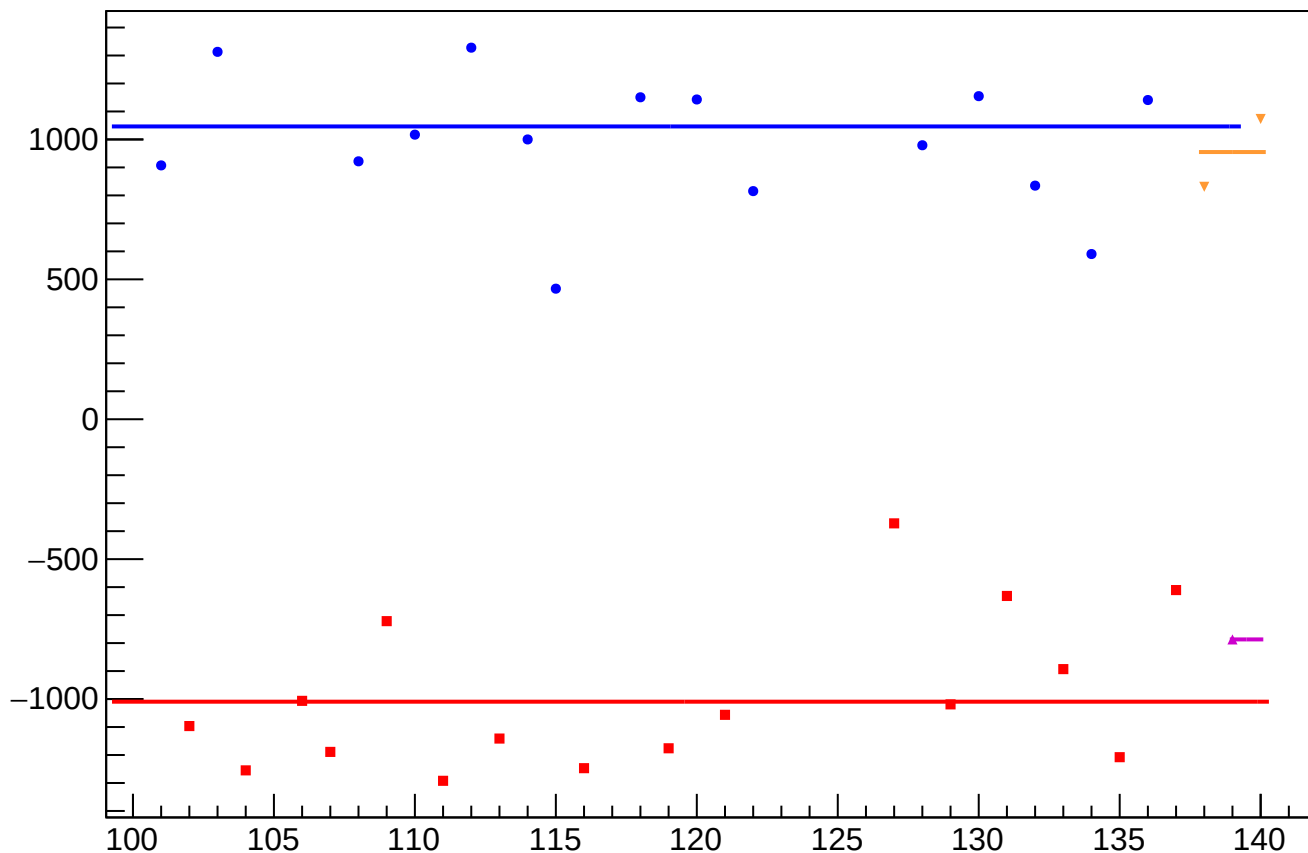
Right: 22.529+/-0.000 χ^2/NDF : 8336101395091641

In: 428.777+/-0.000 χ^2/NDF : 48014542429911014

Out: -252.190+/-0.000 χ^2/NDF : 589627481646460

All: 67.081+/-0.000 χ^2/NDF : 1249573877402

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

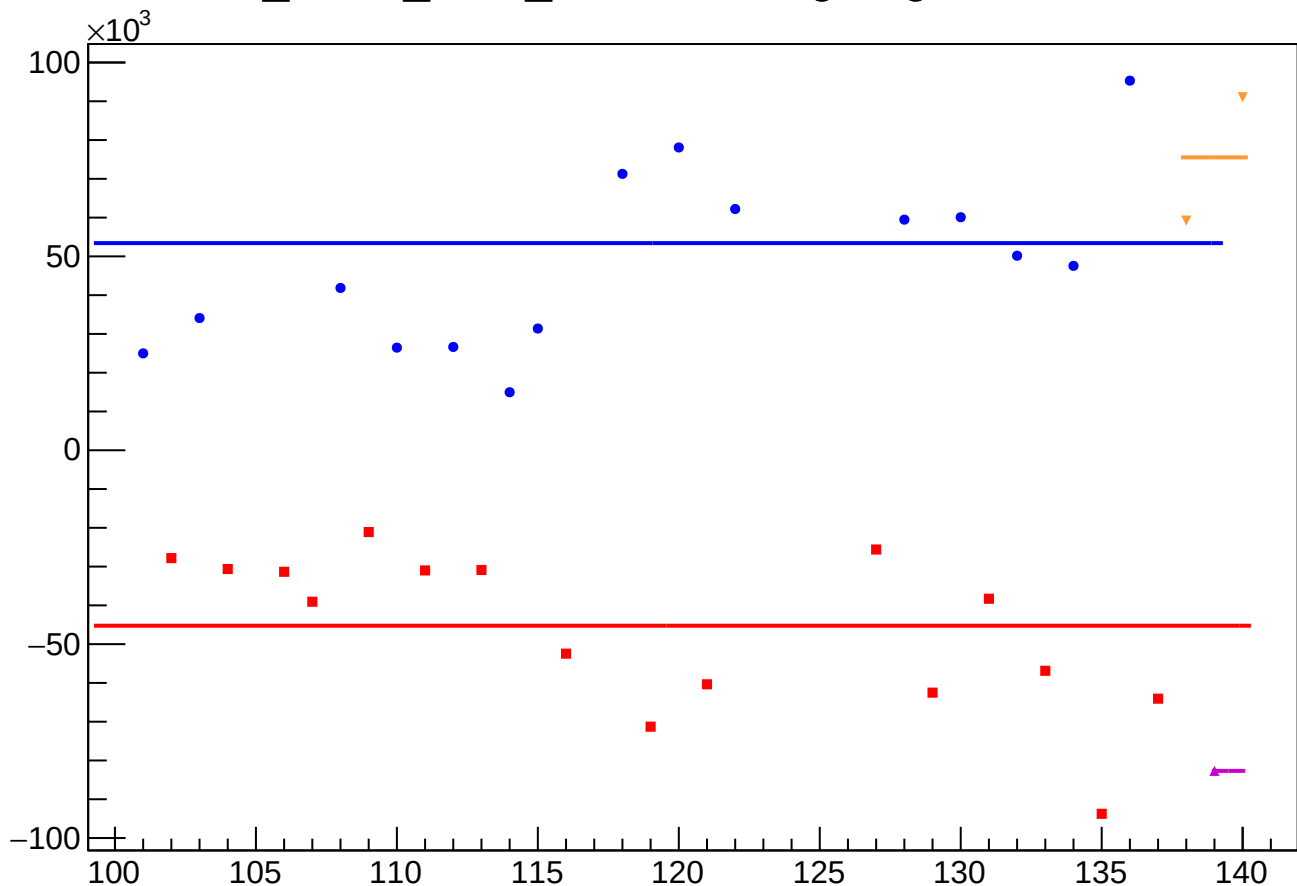
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452+/-0.000

χ^2/NDF : 36063575731513380013375112316777346551808.0/14

Left Out: 75535.215+/-0.000

χ^2/NDF : 40433686359049121966576350899017300836352.0/1

Right Out: -45247.617+/-0.000

χ^2/NDF : 286060196488034430215784613374055547928576.0/15

Left In: -82683.627+/-0.000

χ^2/NDF : 0.0/0

Left: 22357.928+/-0.000 χ^2/NDF : 13866175066058

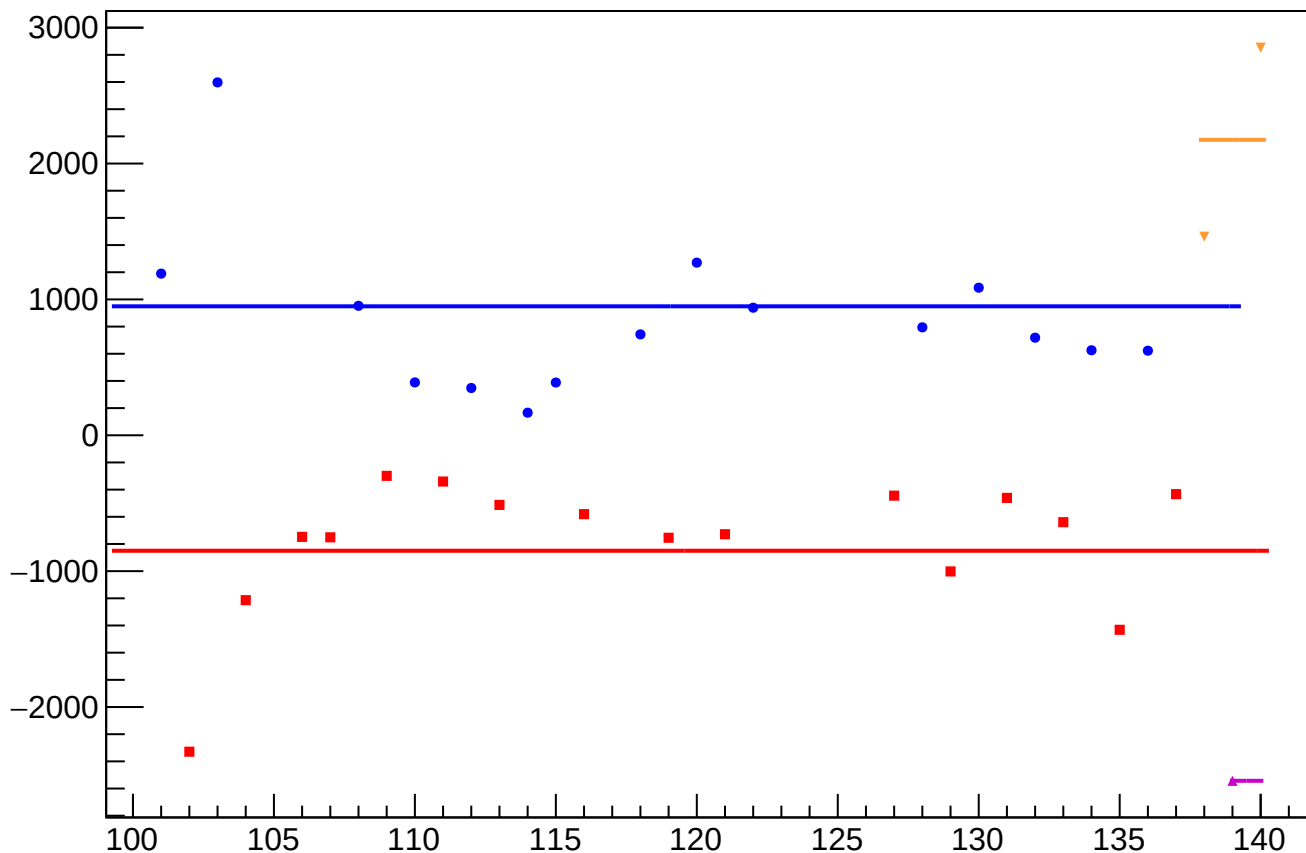
Right: 3412.622+/-0.000 χ^2/NDF : 38491691465863

In: 38320.270+/-0.000 χ^2/NDF : 169465440869702

Out: -21879.717+/-0.000 χ^2/NDF : 2209062120287

All: 6345.068+/-0.000 χ^2/NDF : 53088984685

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 949.197+/-0.000

χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left: 589.097+/-0.000 χ^2/NDF : 1274237753131560

Right: 37.382+/-0.000 χ^2/NDF : 1494917928354426

Left Out: 2174.730+/-0.000

χ^2/NDF : 77338877750894741954806067348732116992.0/1

In: 561.705+/-0.000 χ^2/NDF : 1103921994000946

Right Out: -849.827+/-0.000

χ^2/NDF : 204622224261577247702227312745197338624.0/15

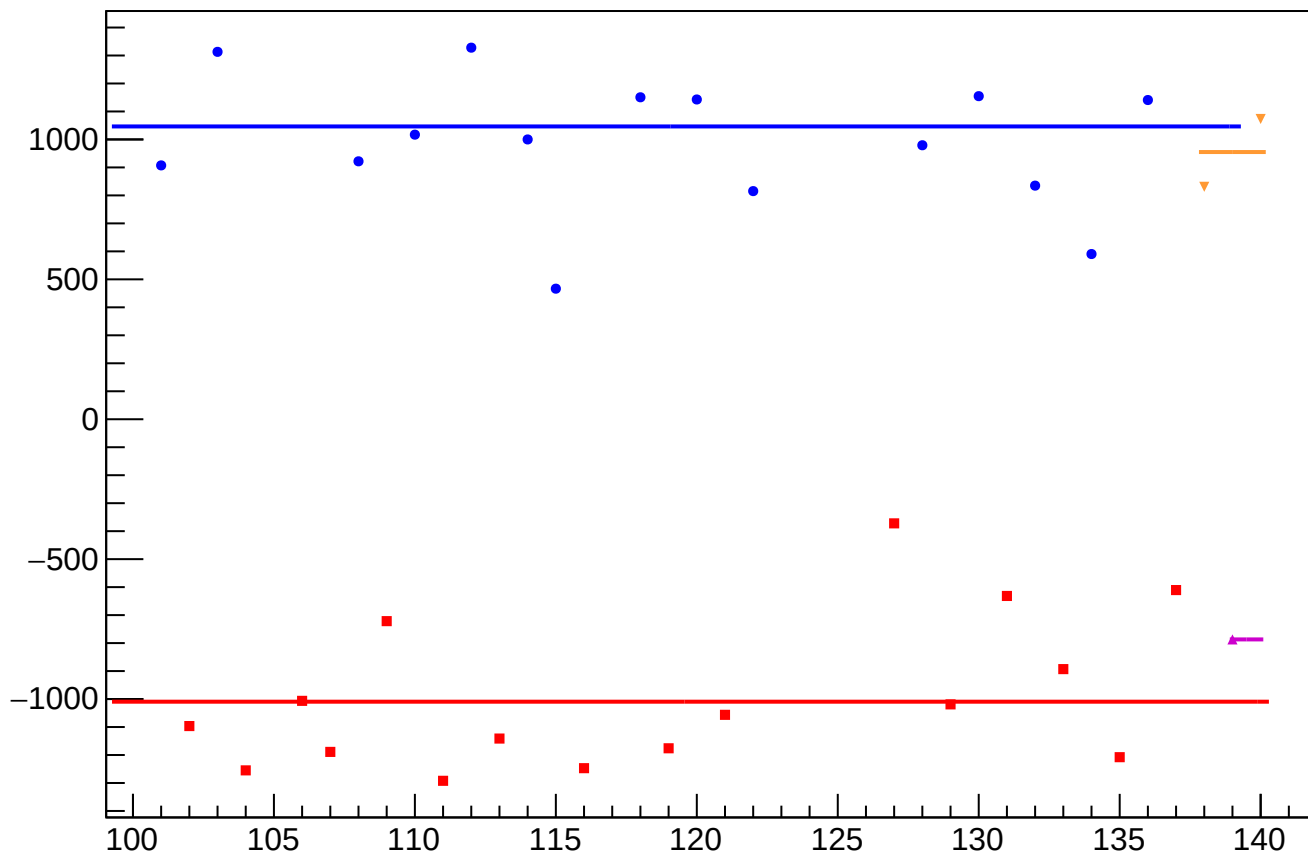
Out: -264.664+/-0.000 χ^2/NDF : 146245526310370

Left In: -2543.018+/-0.000

χ^2/NDF : 0.0/0

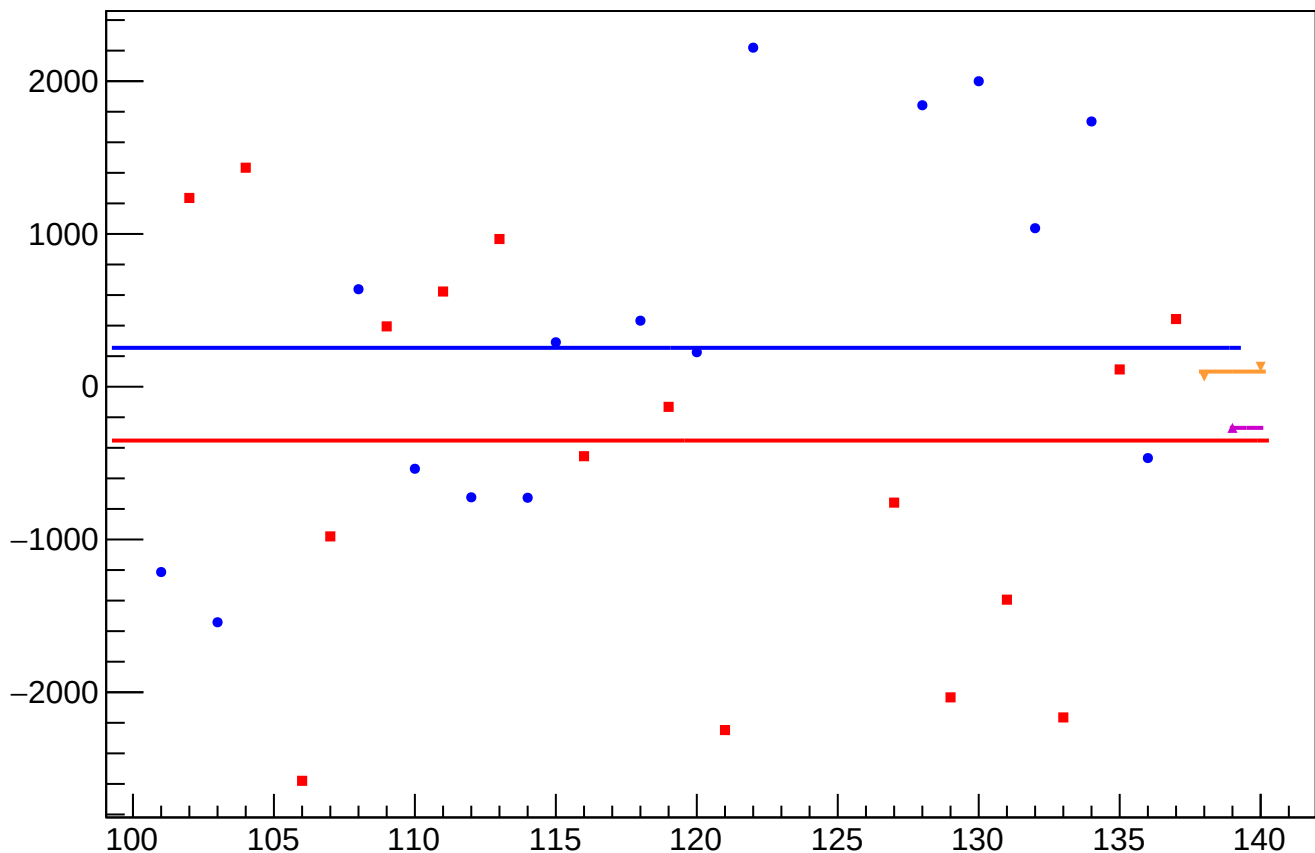
All: 122.779+/-0.000 χ^2/NDF : 283115892592

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



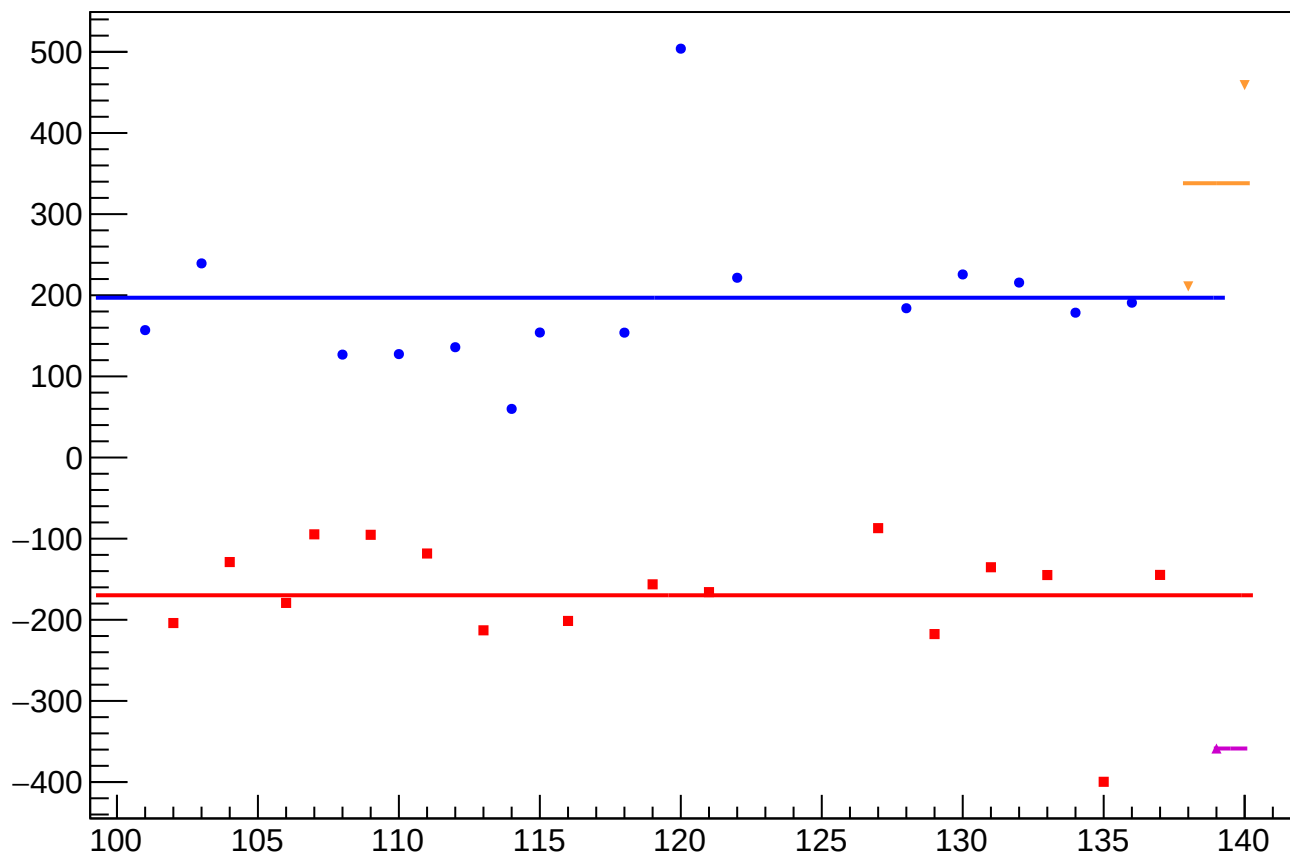
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 955.000+/-0.000 χ^2/NDF : 2348870544090060553701581628463120384.0/1
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -786.889+/-0.000 χ^2/NDF : 0.0/0
 All: 60.972+/-0.000 χ^2/NDF : 165251485186

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: 99.216+/-0.000 χ^2/NDF : 162497796800043690686442115942055936.0/1
 Right Out: -352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -269.254+/-0.000 χ^2/NDF : 0.0/0
 In: 196.455+/-0.000 χ^2/NDF : 9981622891950896
 Out: -264.951+/-0.000 χ^2/NDF : 112728502050372
 All: -48.621+/-0.000 χ^2/NDF : 220799515457

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 196.955+/-0.000 χ^2/NDF : 448524516032965791462137242583788608.0/14

Left Out: 338.086+/-0.000 χ^2/NDF : 2460203306036936205620581526612738048.0/1

Right Out: -169.778+/-0.000 χ^2/NDF : 3892609445494845784493558646385410048.0/15

Left In: -358.642+/-0.000 χ^2/NDF : 0.0/0

Left: 103.916+/-0.000 χ^2/NDF : 2856467130742668

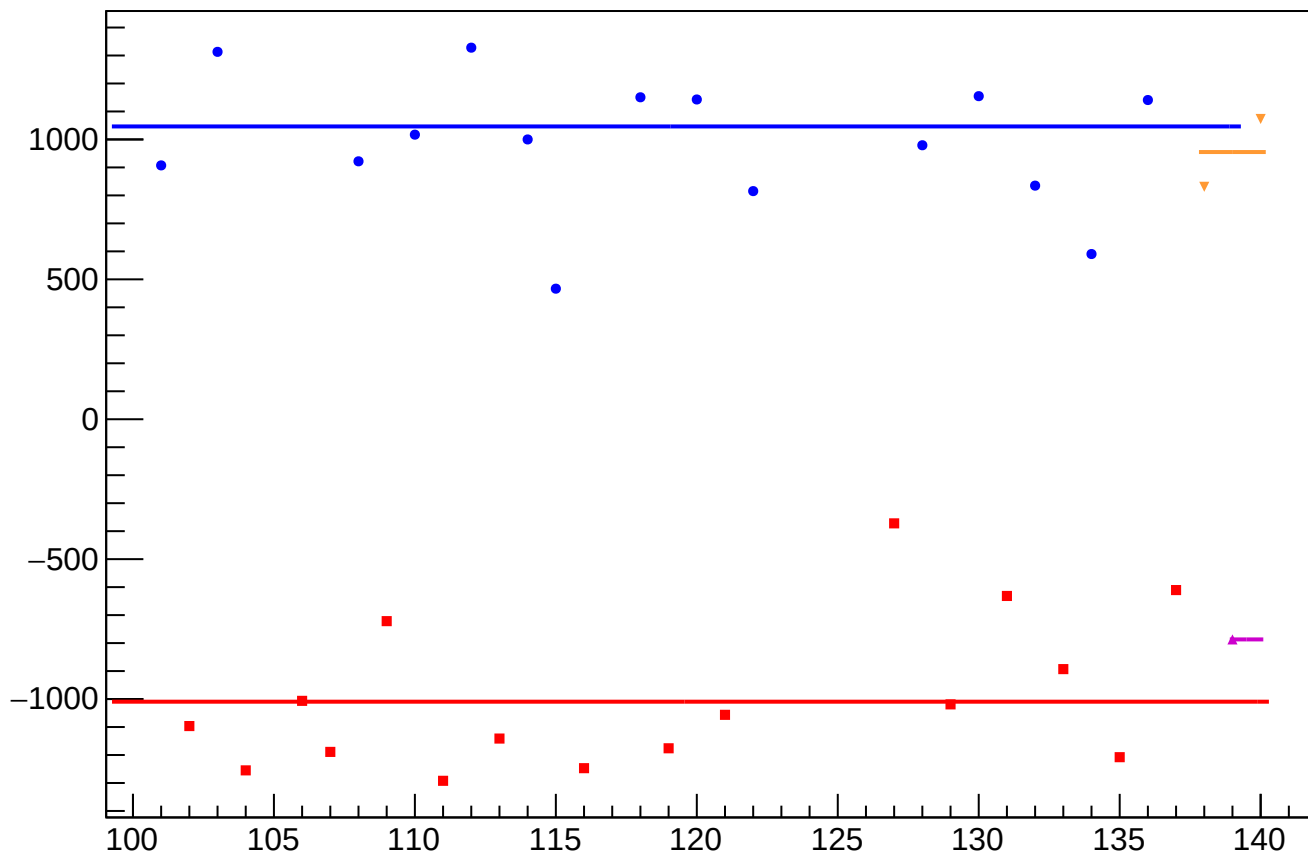
Right: 11.081+/-0.000 χ^2/NDF : 5261792058222240

In: 135.307+/-0.000 χ^2/NDF : 26714646337440987

Out: -71.521+/-0.000 χ^2/NDF : 3963679280568363

All: 25.450+/-0.000 χ^2/NDF : 8293813055850

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

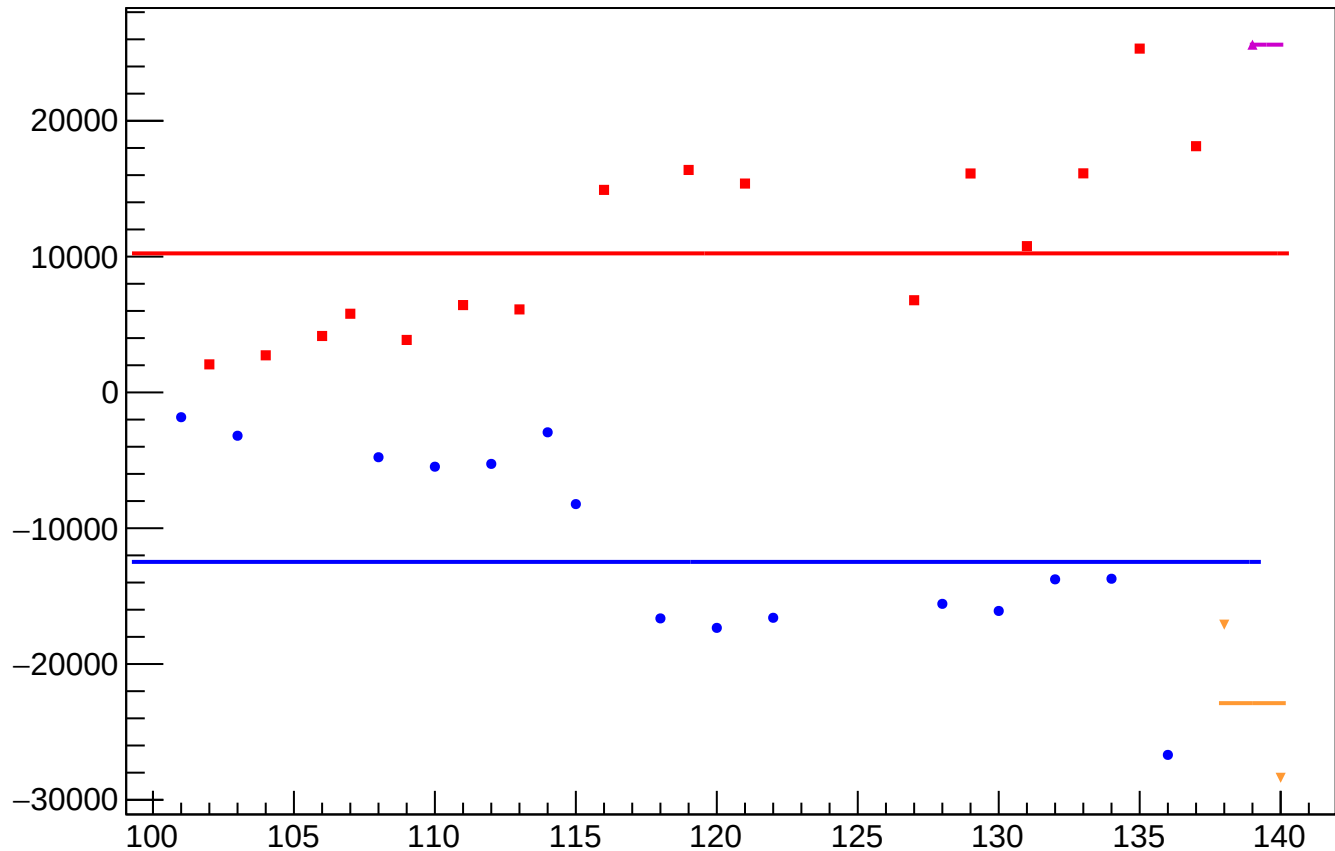
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: -12479.653+/-0.000

Left Out: -22880.928+/-0.000

Right Out: 10238.098+/-0.000

Left In: 25606.916+/-0.000

χ^2/NDF : 41178633231253805317353333973475271901184.0/14

χ^2/NDF : 5082728982235463962920832856415124062208.0/1

χ^2/NDF : 31227861126159534031961501923223718068224.0/15

χ^2/NDF : 0.0/0

Left: -6584.184+/-0.000

Right: -965.413+/-0.000

In: -8253.609+/-0.000

Out: 3830.547+/-0.000

χ^2/NDF : 13151376621165

χ^2/NDF : 24217037814564

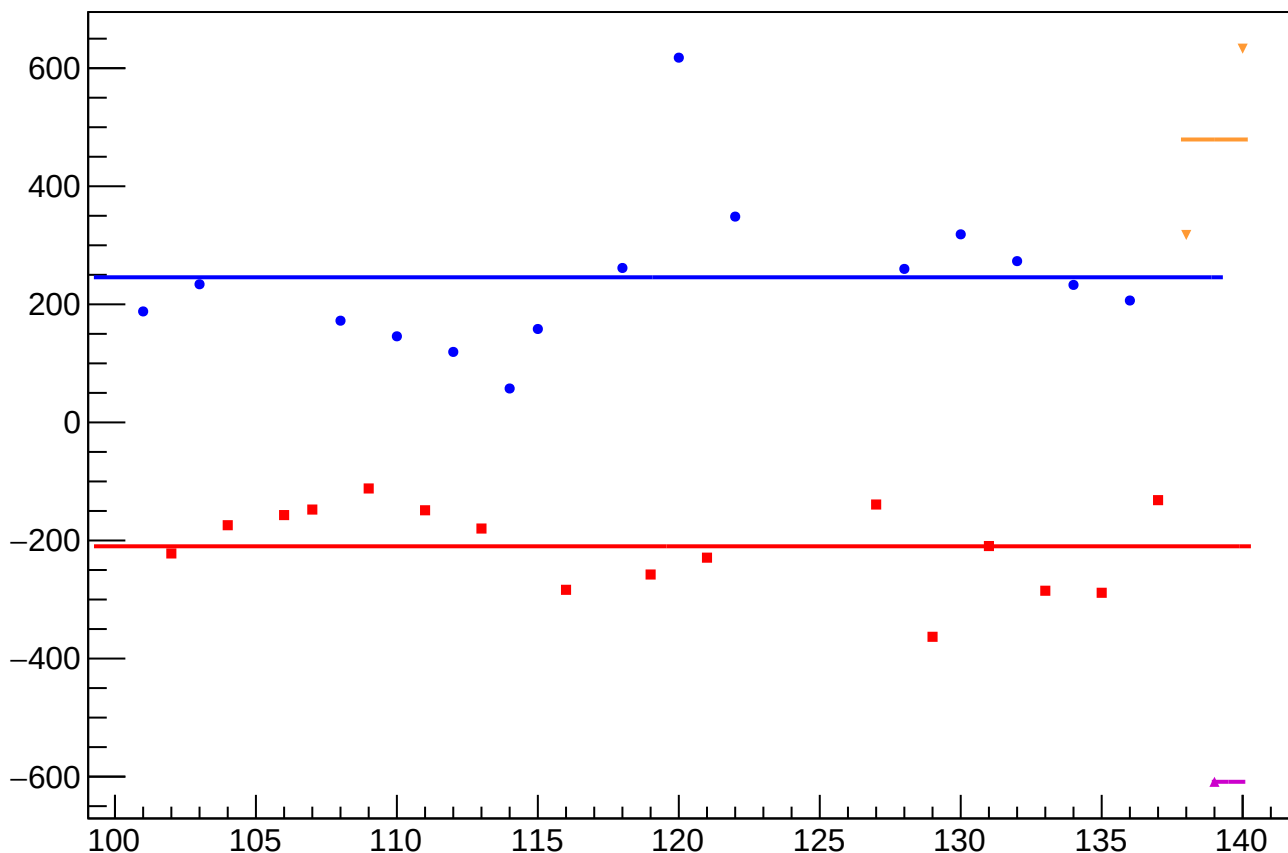
χ^2/NDF : 145638759744197

χ^2/NDF : 177855878286906

All: -1835.114+/-0.000

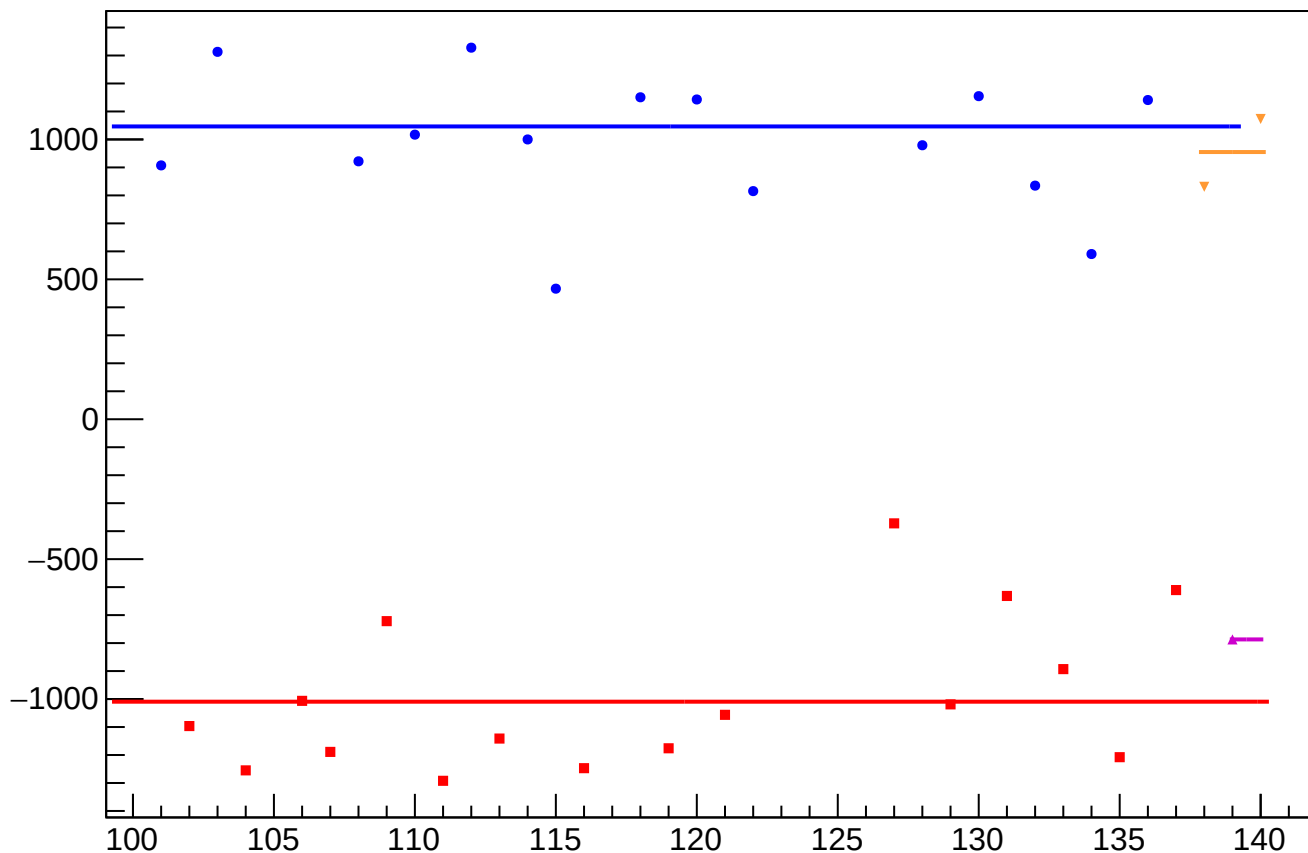
χ^2/NDF : 3801149735

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Left: 113.555 +/- 0.000 χ^2/NDF : 6763439732765752
 Right: 14.878 +/- 0.000 χ^2/NDF : 7925780675793006
 In: 151.009 +/- 0.000 χ^2/NDF : 6041961652913058
 Out: -76.530 +/- 0.000 χ^2/NDF : 6838118245331211
 All: 30.152 +/- 0.000 χ^2/NDF : 1488756206930

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

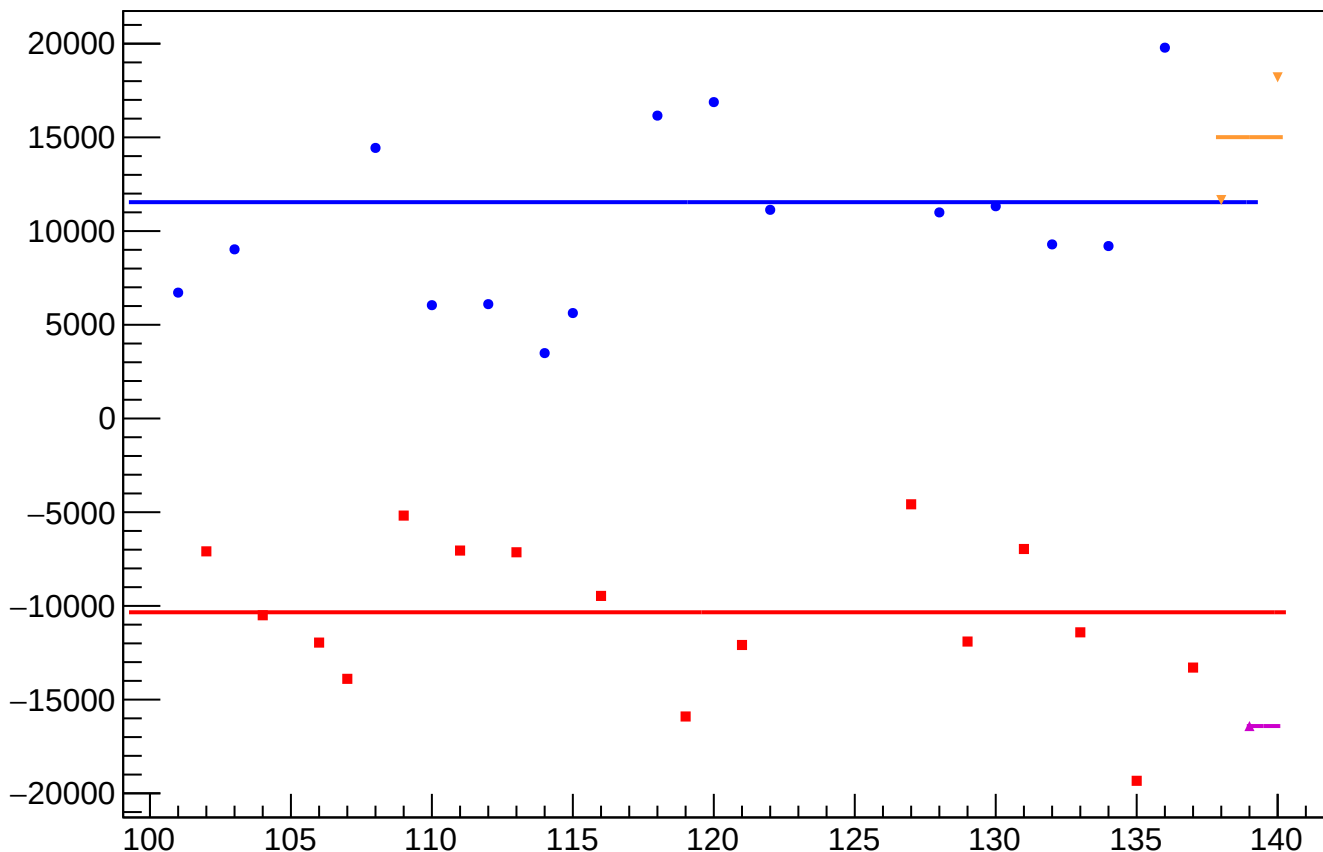
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 11542.759+/-0.000

χ^2/NDF : 14233543123238566357226766219014687424512.0/14

Left Out: 15011.769+/-0.000

χ^2/NDF : 1713908587489843897499801760574373625856.0/1

Right Out: -10339.969+/-0.000

χ^2/NDF : 11260833863406751645923420062982418202624.0/15

Left In: -16410.195+/-0.000

χ^2/NDF : 0.0/0

Left: 4450.860+/-0.000 χ^2/NDF : 54809029937793

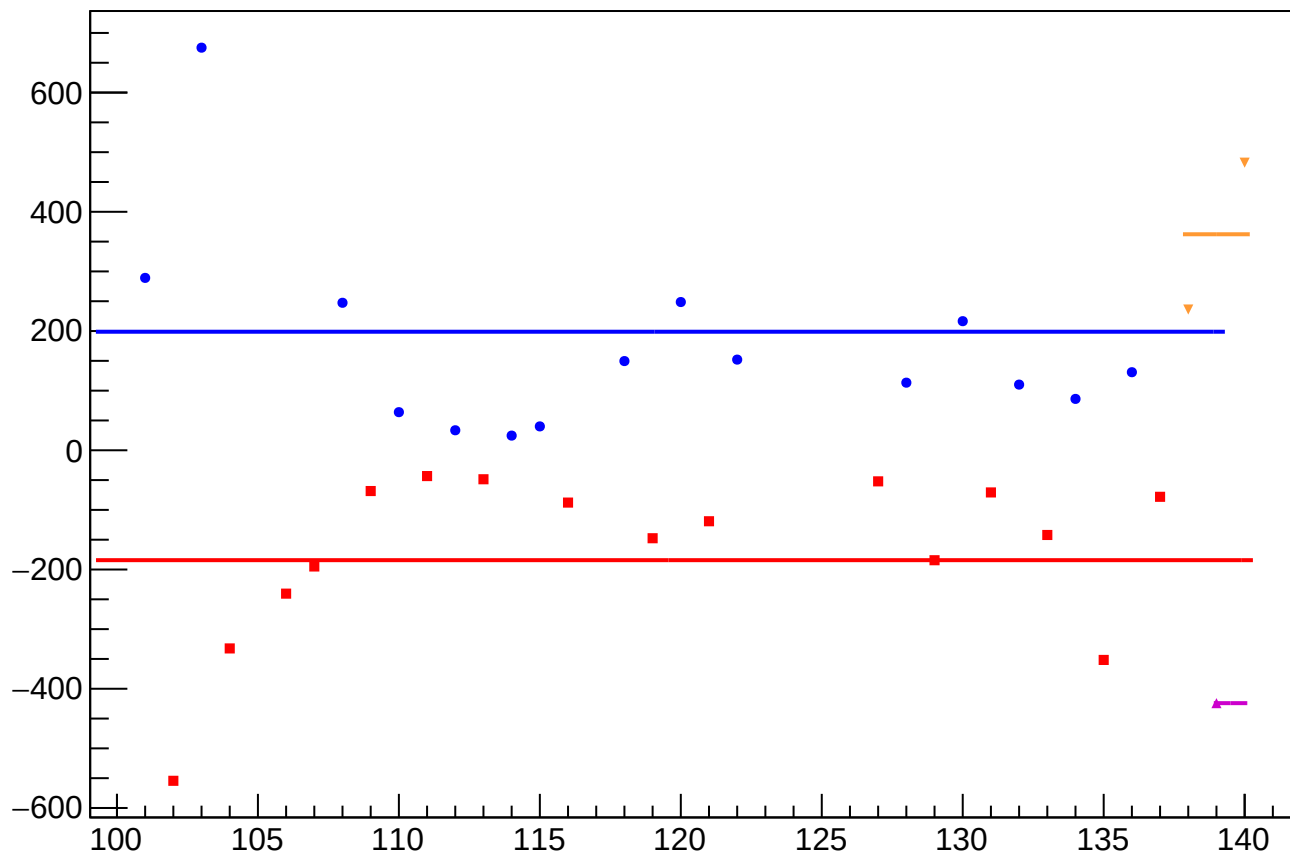
Right: 451.741+/-0.000 χ^2/NDF : 183007796935000

In: 8441.130+/-0.000 χ^2/NDF : 7050164916948672

Out: -5435.159+/-0.000 χ^2/NDF : 95913163113748

All: 1070.744+/-0.000 χ^2/NDF : 24107453973

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 362.325+/-0.000 χ^2/NDF : 2425359551161304465500426161295982592.0/1

Right Out: -184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

Left In: -424.150+/-0.000 χ^2/NDF : 0.0/0

Left: 97.991+/-0.000 χ^2/NDF : 35688063980308271

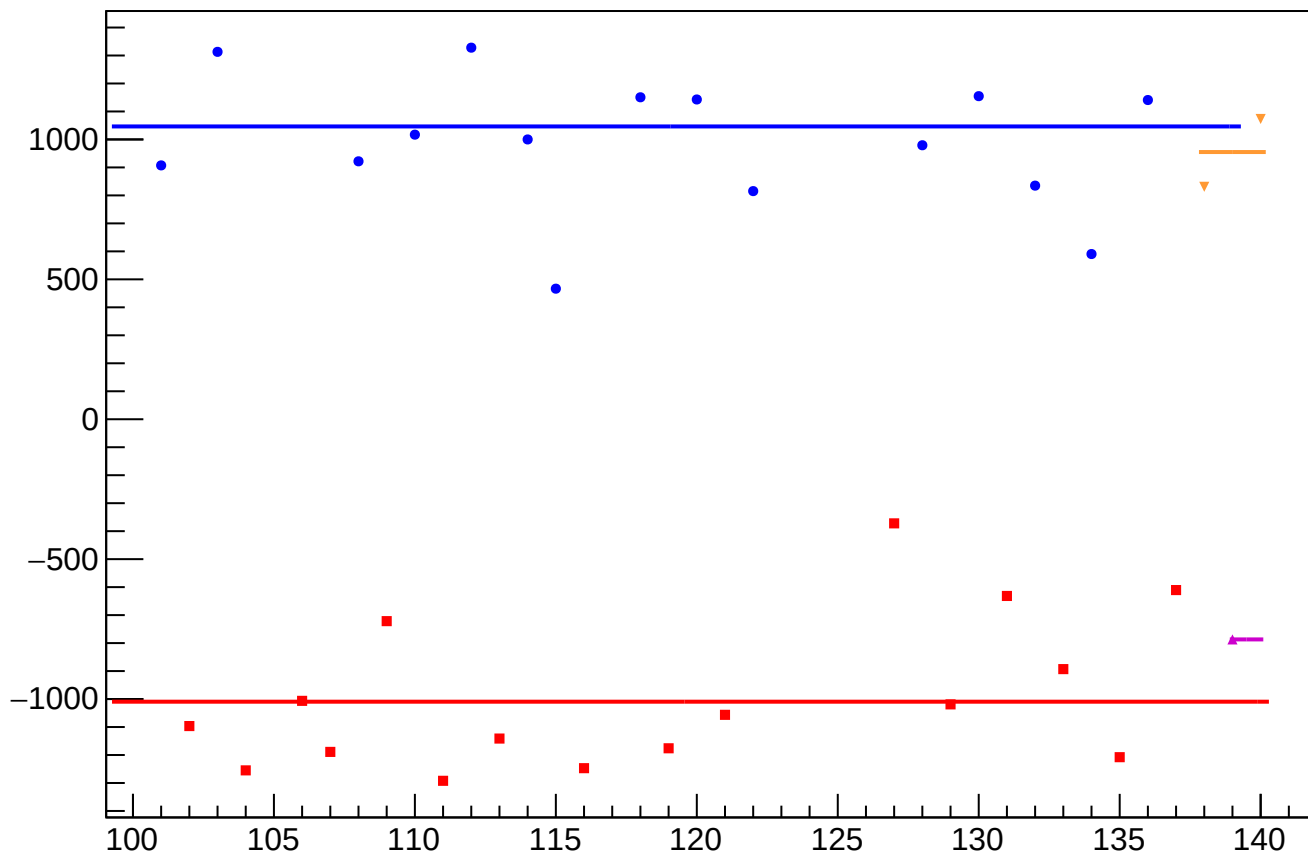
Right: 4.640+/-0.000 χ^2/NDF : 81558141576342570

In: 129.723+/-0.000 χ^2/NDF : 46284095672876425

Out: -78.567+/-0.000 χ^2/NDF : 5591520658271195

All: 19.090+/-0.000 χ^2/NDF : 1190212859073

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

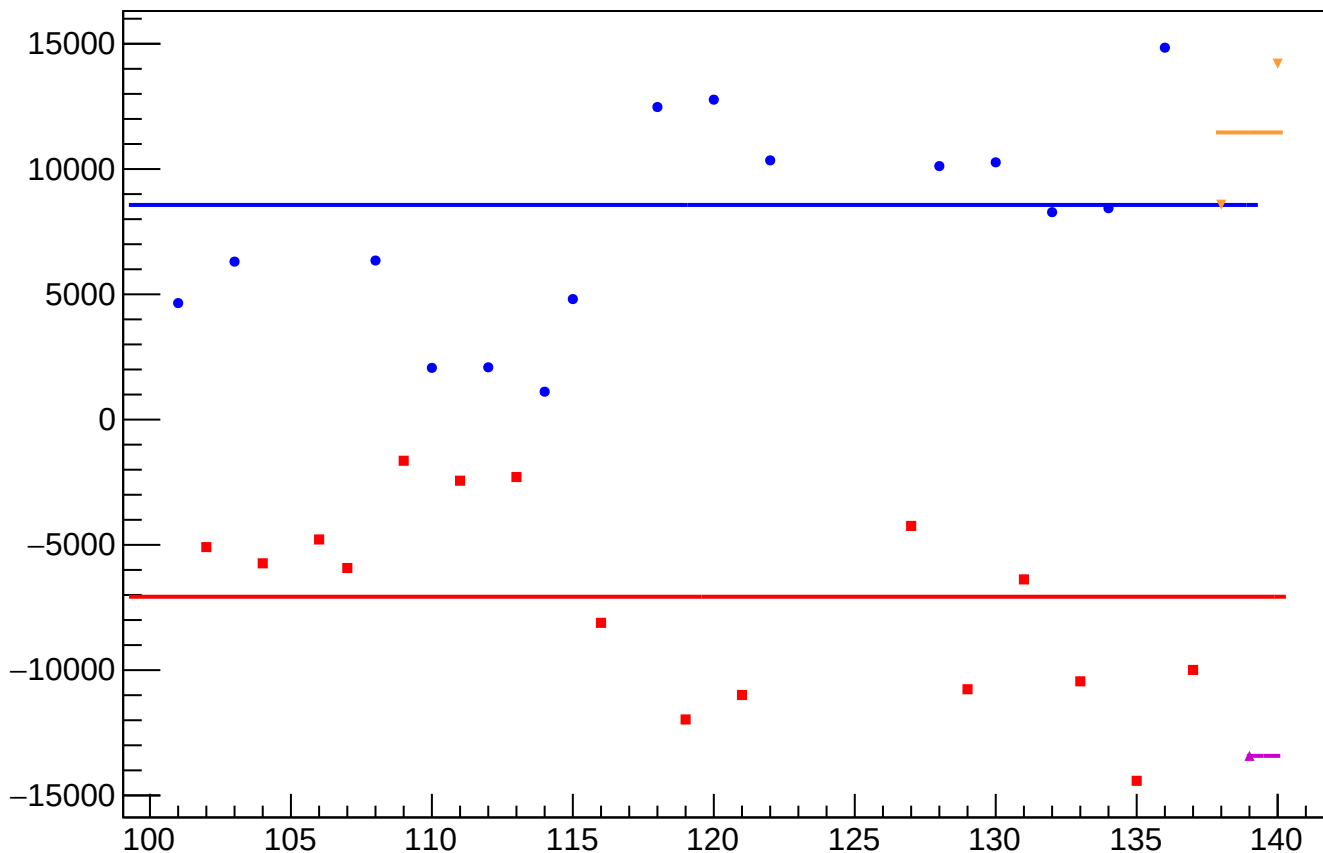
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

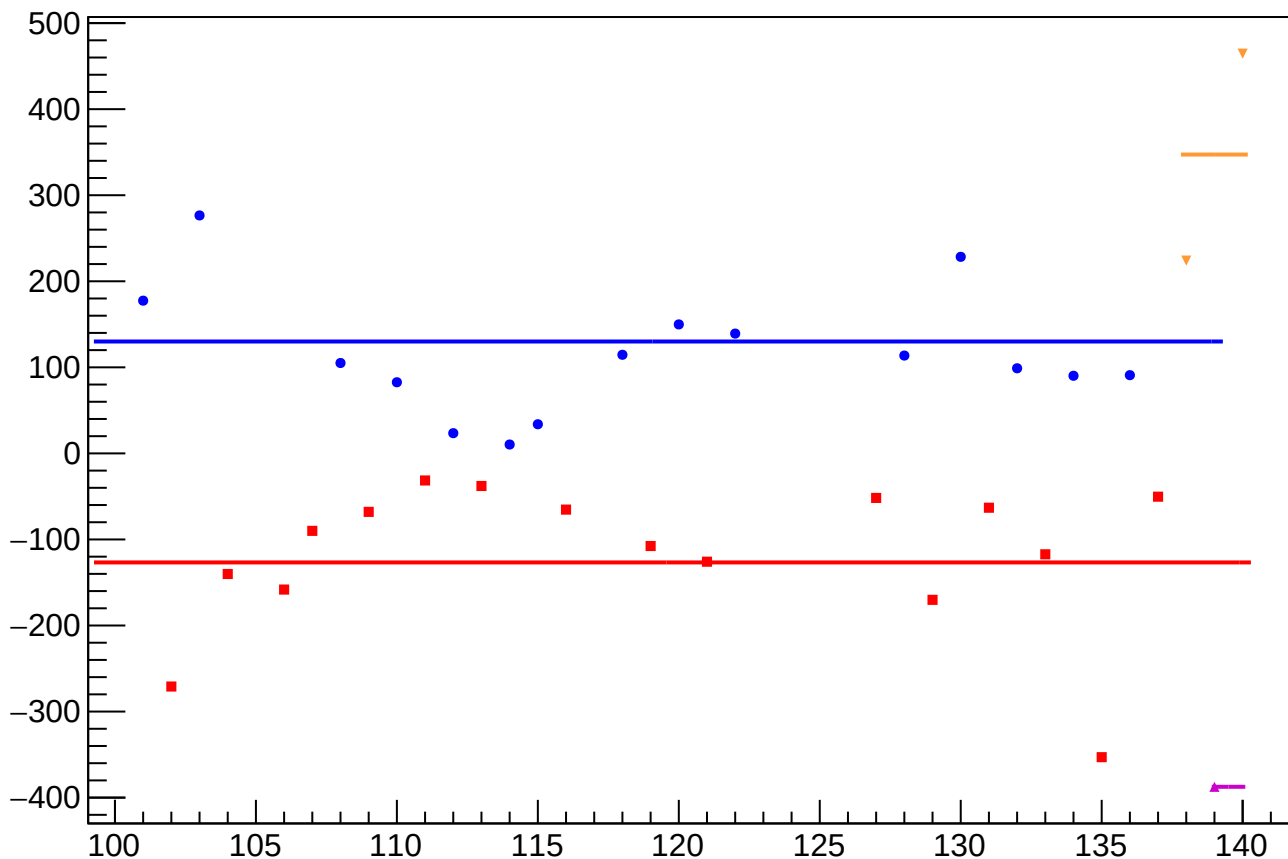
All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 11461.562+/-0.000 χ^2/NDF : 1267755965676263929403725379141153849344.0/1
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: -13420.932+/-0.000 χ^2/NDF : 0.0/0
 In: 6127.941+/-0.000 χ^2/NDF : 4592427181277545
 Out: -3484.599+/-0.000 χ^2/NDF : 55660454153543
 All: 1022.244+/-0.000 χ^2/NDF : 13741218430

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 130.021+/-0.000

χ^2/NDF : 3115259987552341725946418665378283520.0/14

Left Out: 347.268+/-0.000

χ^2/NDF : 2311086056241865739706133647894511616.0/1

Right Out: -126.709+/-0.000

χ^2/NDF : 5397122581297664561308621600668516352.0/15

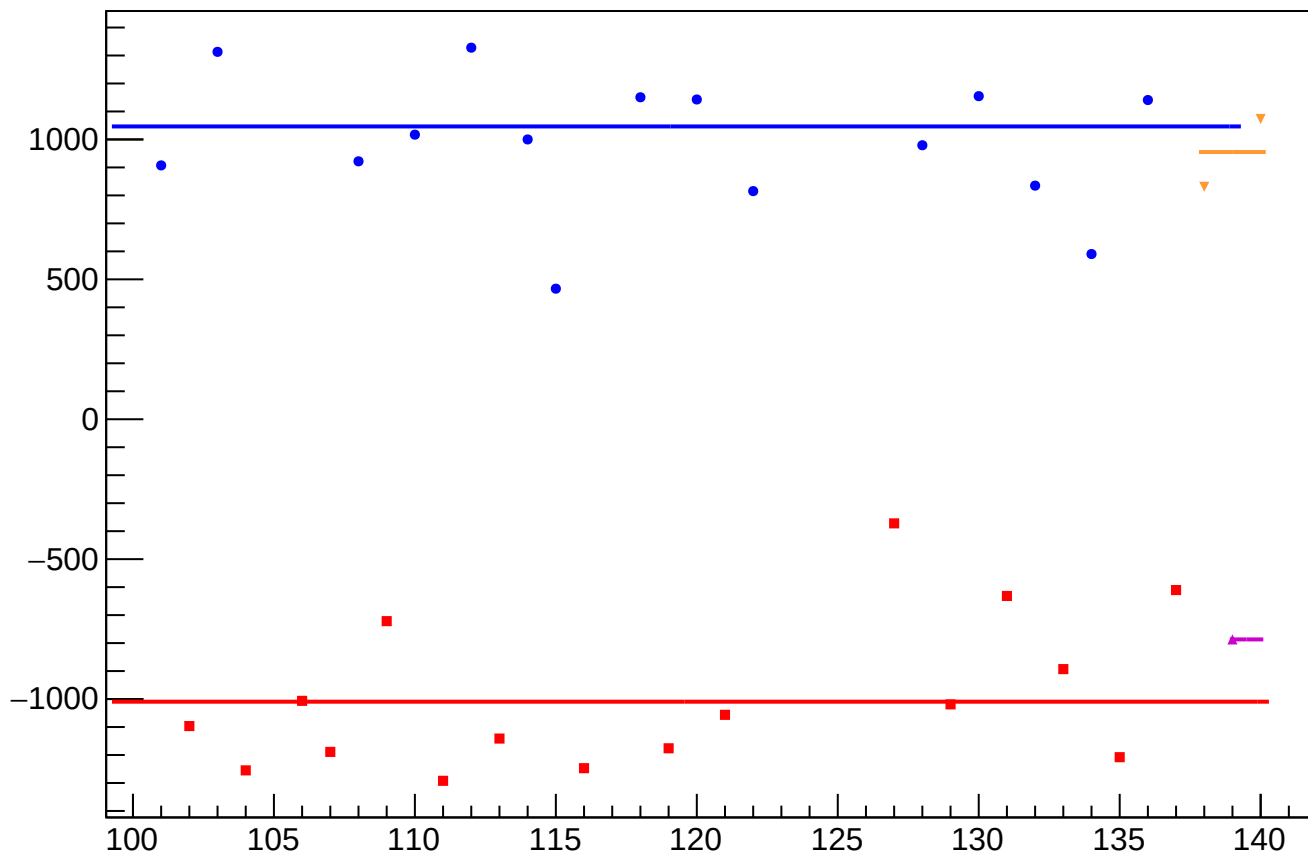
Left In: -387.426+/-0.000

χ^2/NDF : 0.0/0

All: 15.446+/-0.000

χ^2/NDF : 6358550728392

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 955.000+/-0.000

χ^2/NDF : 2348870544090060553701581628463120384.0/1

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 369.552+/-0.000 χ^2/NDF : 1655145661457498

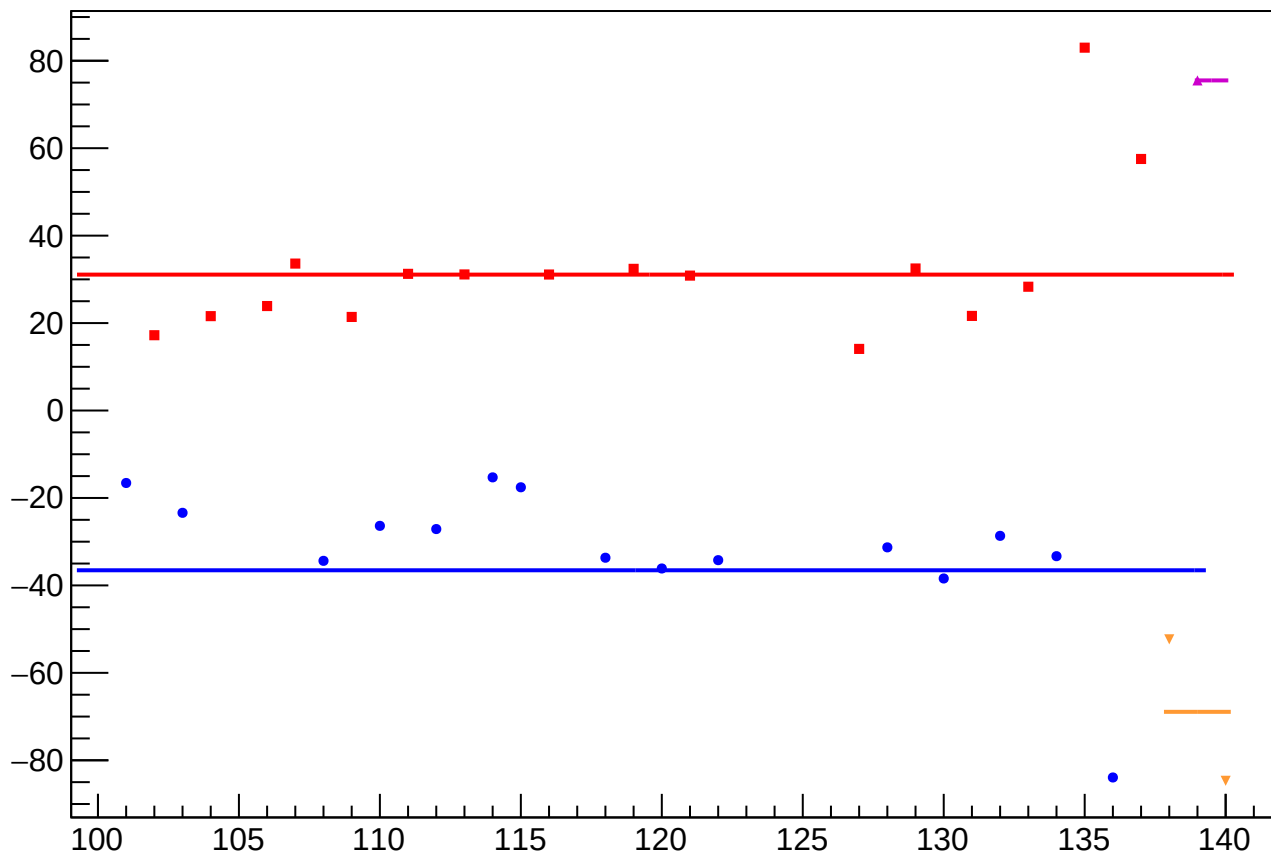
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -629.383+/-0.000 χ^2/NDF : 544941144962916

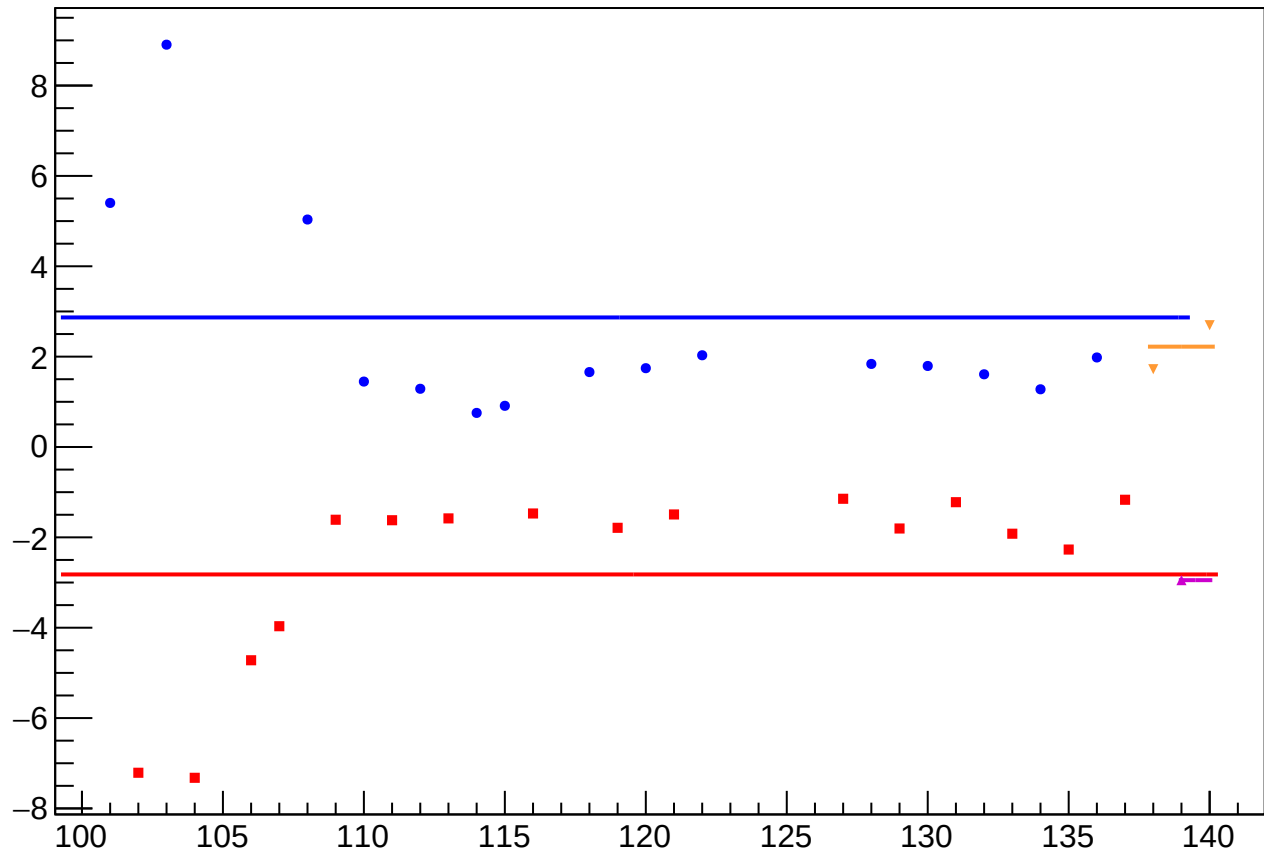
All: 60.972+/-0.000 χ^2/NDF : 1652514851866

dit_4aX_coil3_mean vs Slug, Sign Corrected



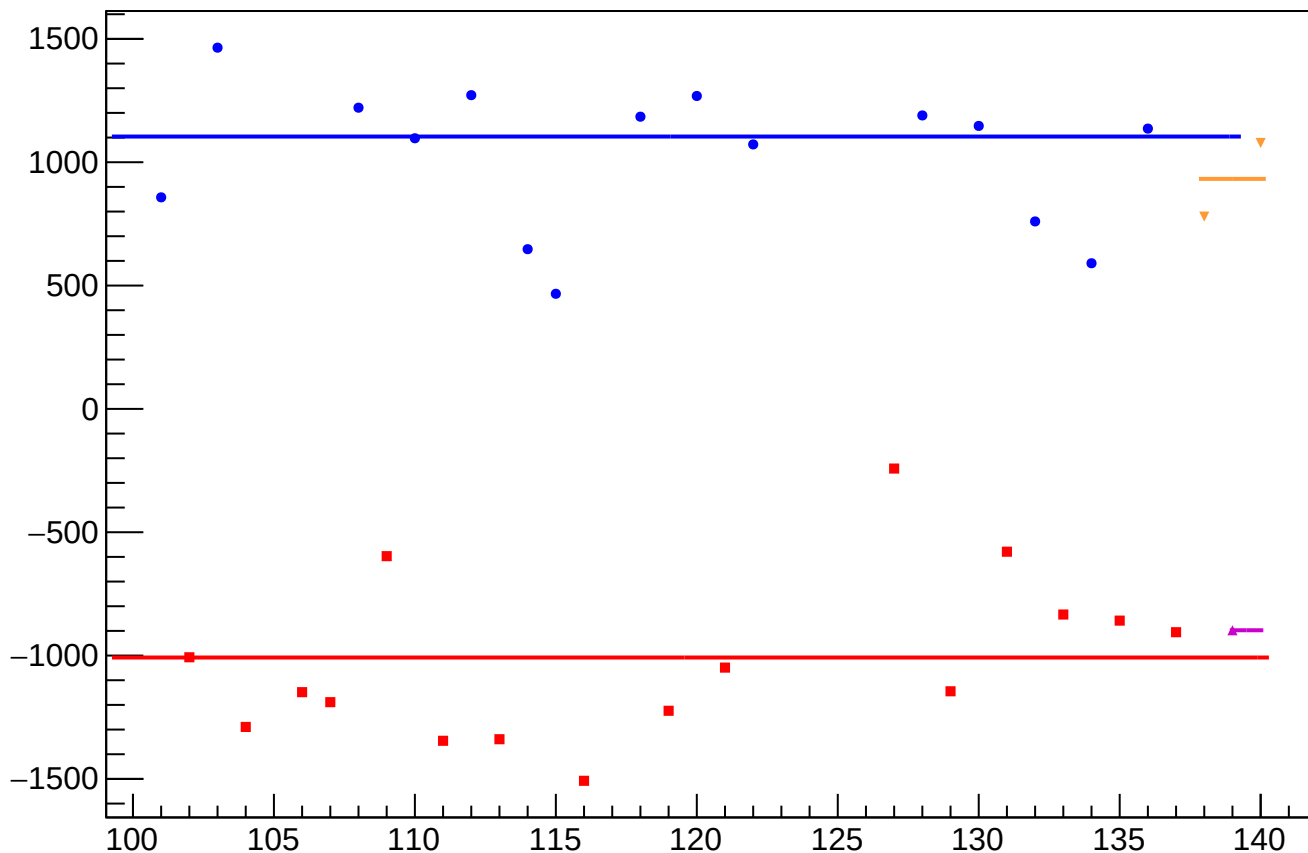
Right In: -36.540 $\pm$ 0.000 χ^2 /NDF: 254351867861444609202637633864335360.0/14
 Left Out: -68.917 $\pm$ 0.000 χ^2 /NDF: 41851846099065242554694225432150016.0/1
 Right Out: 31.085 $\pm$ 0.000 χ^2 /NDF: 181291079119381636178408498876383232.0/15
 Left In: 75.503 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -5.068 $\pm$ 0.000 χ^2 /NDF: 3170220440702

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



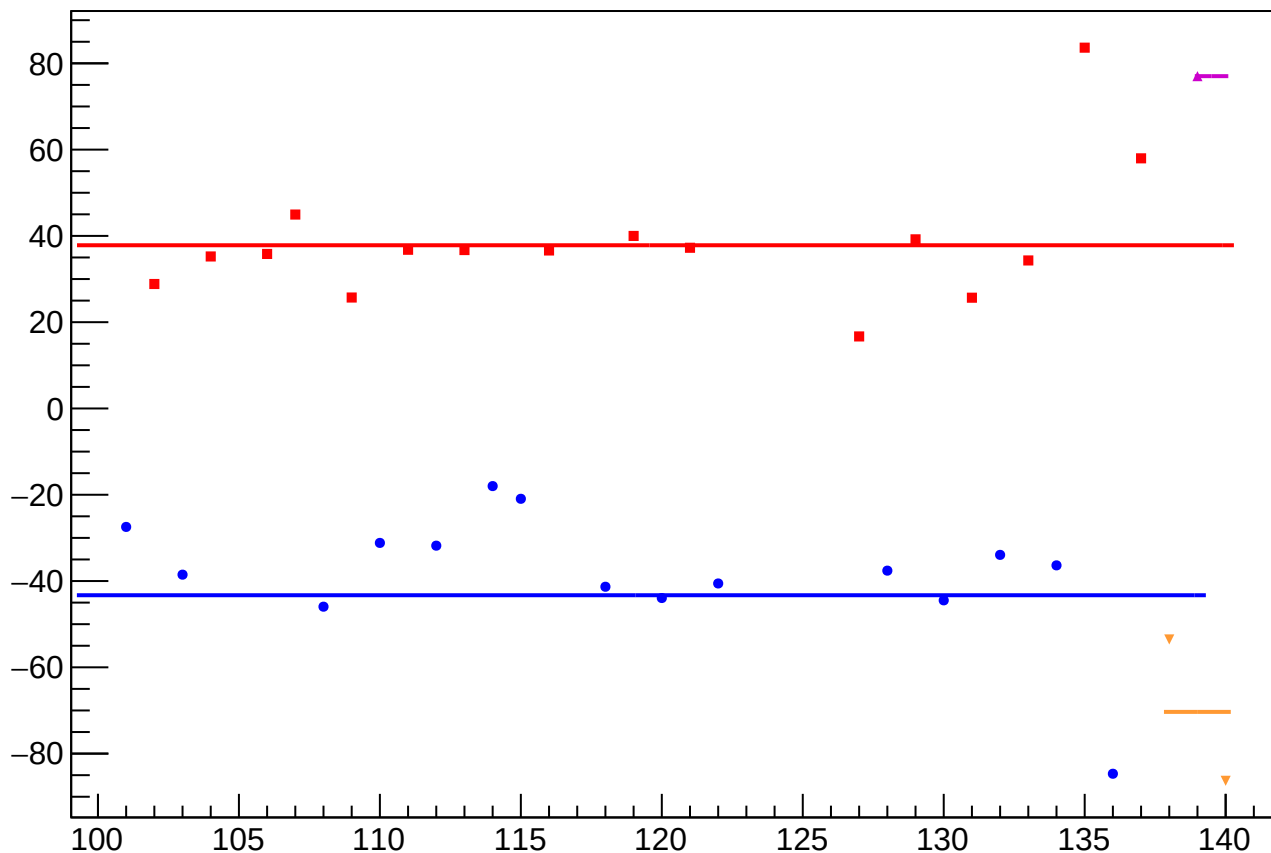
Right In: 2.867 +/- 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.221 +/- 0.000 χ^2/NDF : 37901662857033946336167676870656.0/1
 Right Out: -2.821 +/- 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: -2.948 +/- 0.000 χ^2/NDF : 0.0/0
 All: 0.062 +/- 0.000 χ^2/NDF : 18677402819985

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



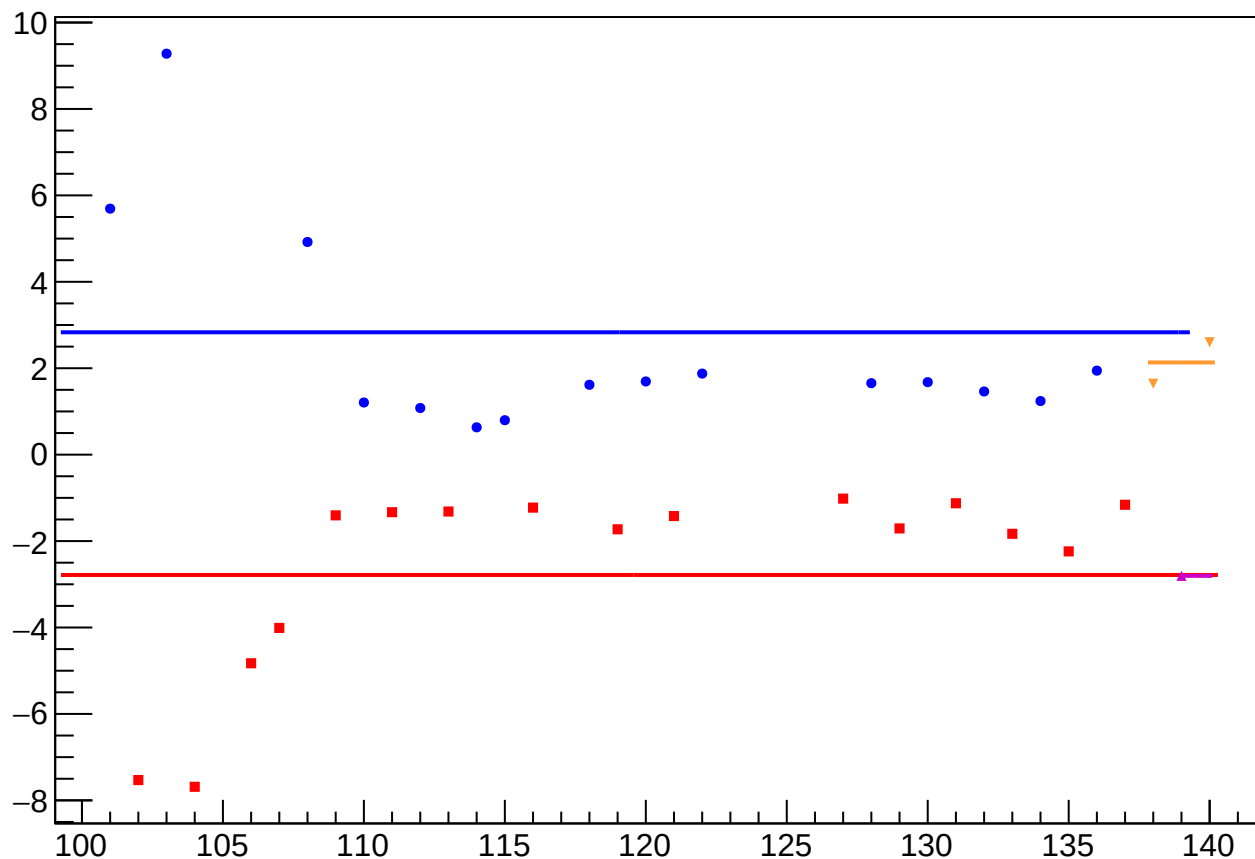
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_4eX_coil3_mean vs Slug, Sign Corrected



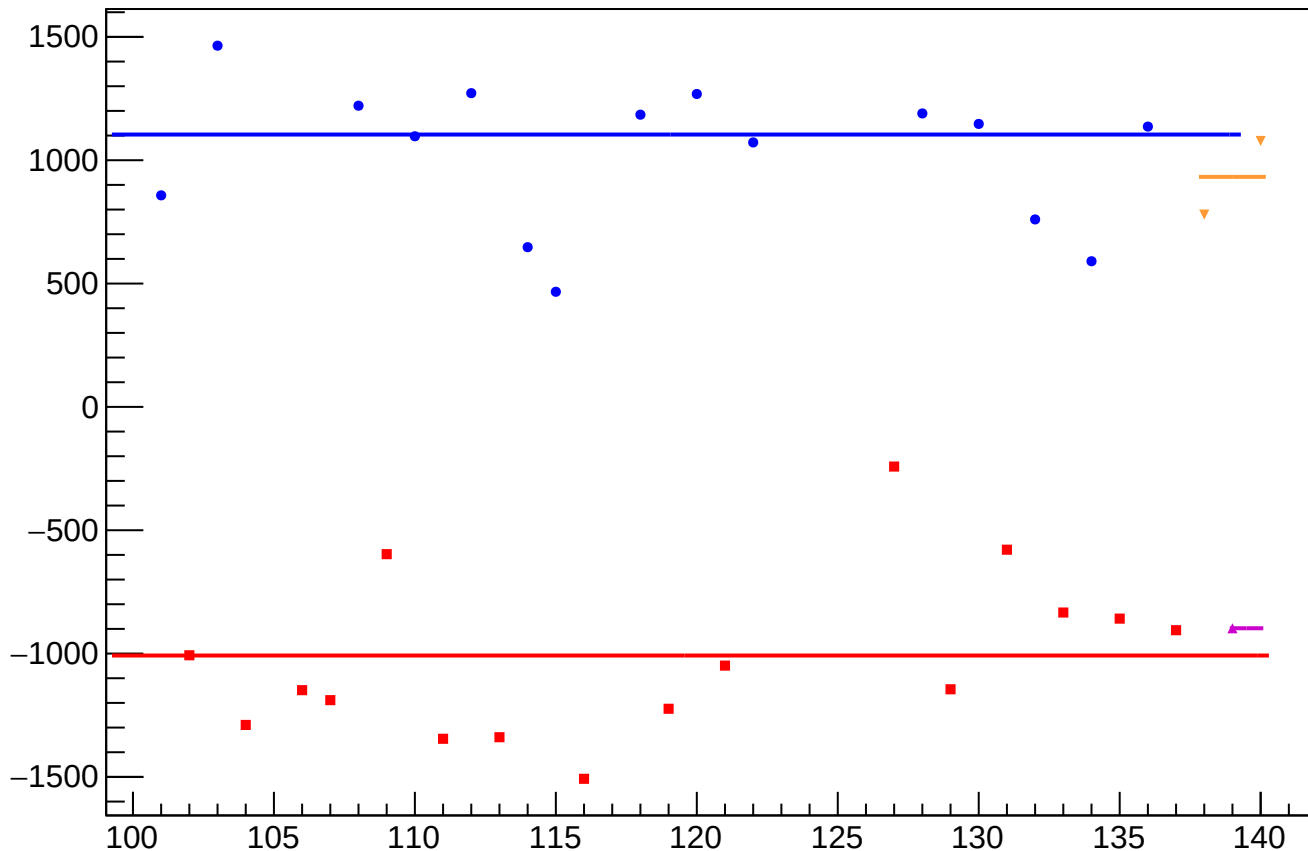
Right In: -43.289 ± 0.000 $\chi^2/\text{NDF}: 199342736778845281087197523996573696.0/14$
 Left Out: -70.331 ± 0.000 $\chi^2/\text{NDF}: 42913923605022458679509546965139456.0/1$
 Right Out: 37.832 ± 0.000 $\chi^2/\text{NDF}: 148683933977204936634636843897323520.0/15$
 Left In: 77.028 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -5.057 ± 0.000 $\chi^2/\text{NDF}: 3794020771736$

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



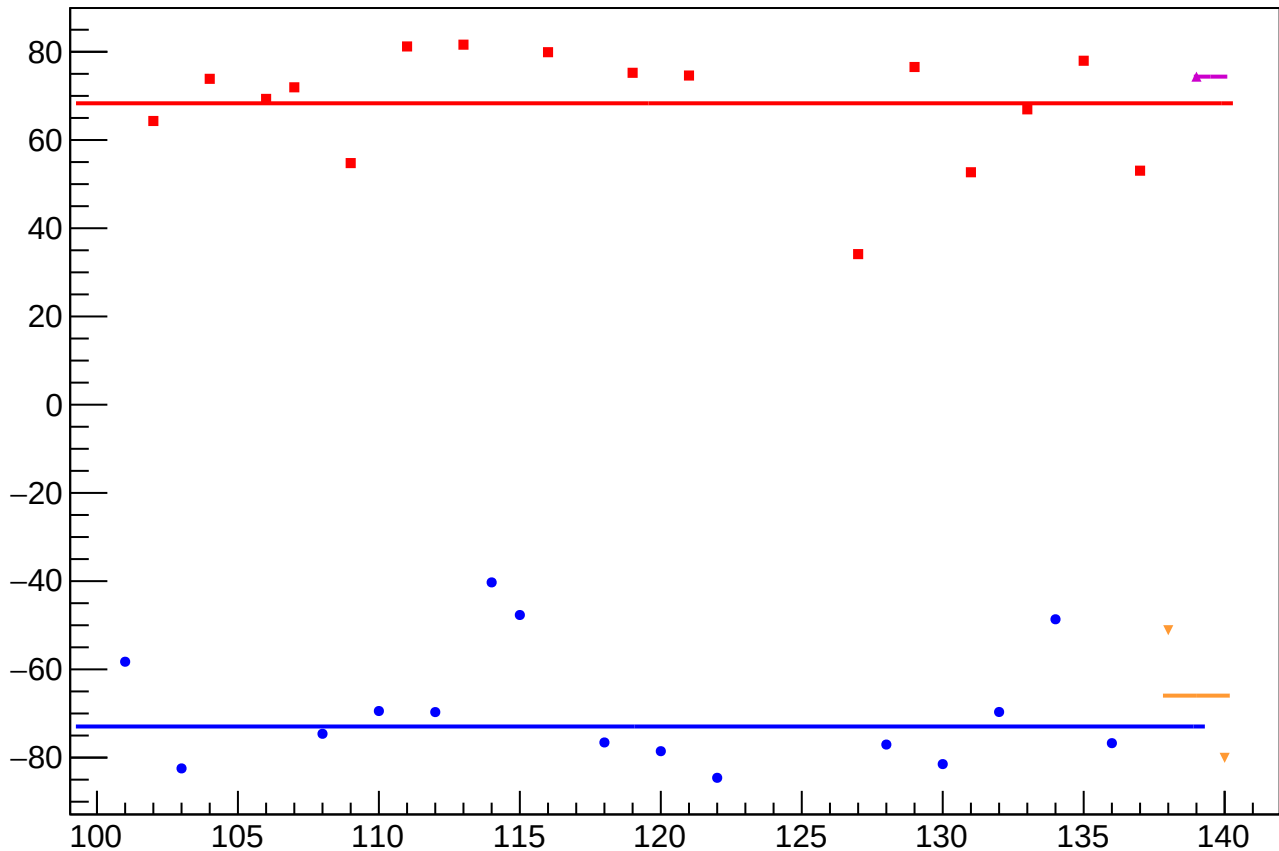
Right In: 2.832+/-0.000	χ^2/NDF : 3957672531929017328512564323155968.0/14	Left: 0.474+/-0.000	χ^2/NDF : 13481522522713646
Left Out: 2.133+/-0.000	χ^2/NDF : 36785940973838494637963125719040.0/1	Right: -0.015+/-0.000	χ^2/NDF : 1792170452533502
Right Out: -2.784+/-0.000	χ^2/NDF : 3589544956108116898091236897849344.0/15	In: 2.206+/-0.000	χ^2/NDF : 6245557251412559208
Left In: -2.805+/-0.000	χ^2/NDF : 0.0/0	Out: -1.833+/-0.000	χ^2/NDF : 67470242095849904
		All: 0.061+/-0.000	χ^2/NDF : 19318428533260

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



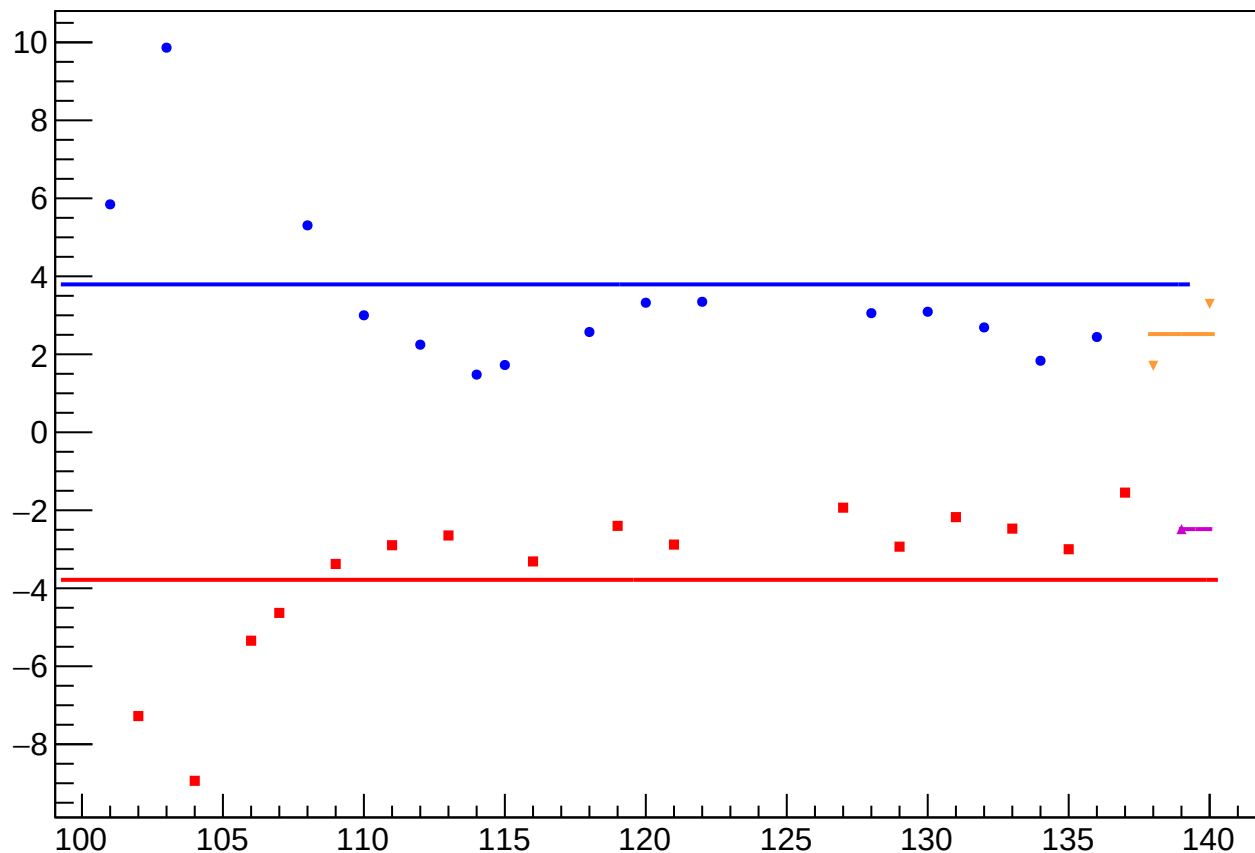
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_11X12X_coil3_mean vs Slug, Sign Corrected



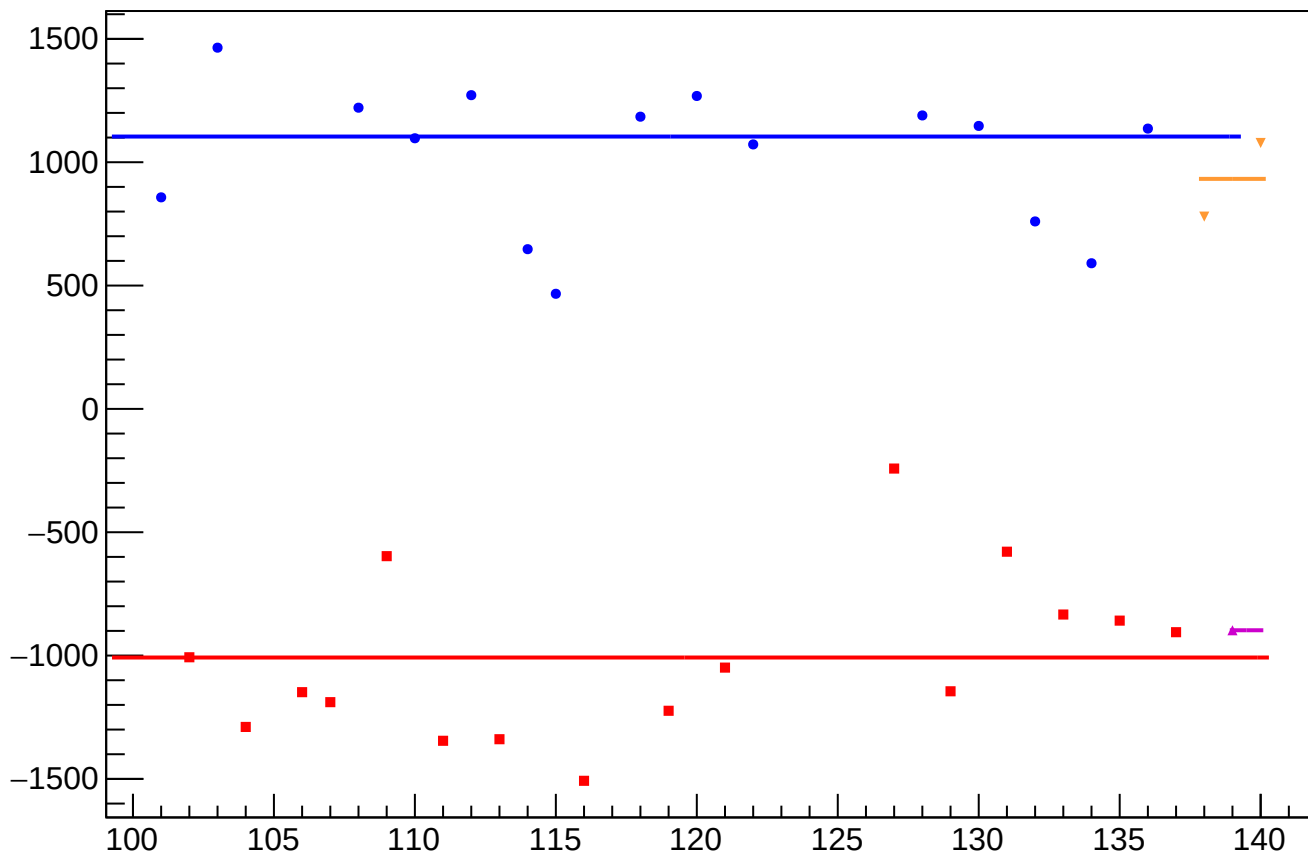
Right In: -72.949 ± 0.000 $\chi^2/\text{NDF}: 65755428464857980306879126291087360.0/14$
 Left Out: -65.952 ± 0.000 $\chi^2/\text{NDF}: 33447153485092011675162001482448896.0/1$
 Right Out: 68.324 ± 0.000 $\chi^2/\text{NDF}: 106694344898202364483367131372584960.0/15$
 Left In: 74.367 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -4.047 ± 0.000 $\chi^2/\text{NDF}: 7891647045478$

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



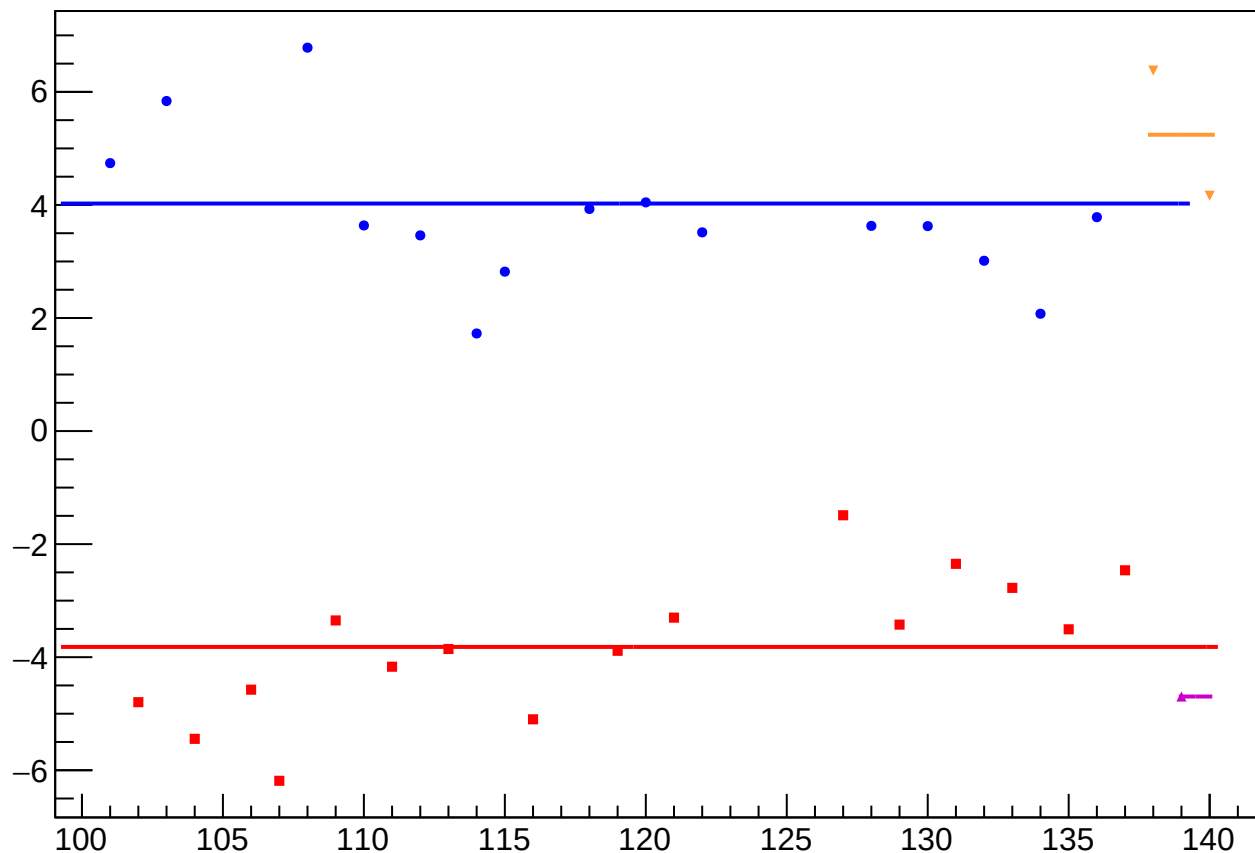
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.519+/-0.000 χ^2/NDF : 100684125778496393579329520402432.0/1
 Right Out: -3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: -2.483+/-0.000 χ^2/NDF : 0.0/0
 All: 0.090+/-0.000 χ^2/NDF : 26568831385897

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



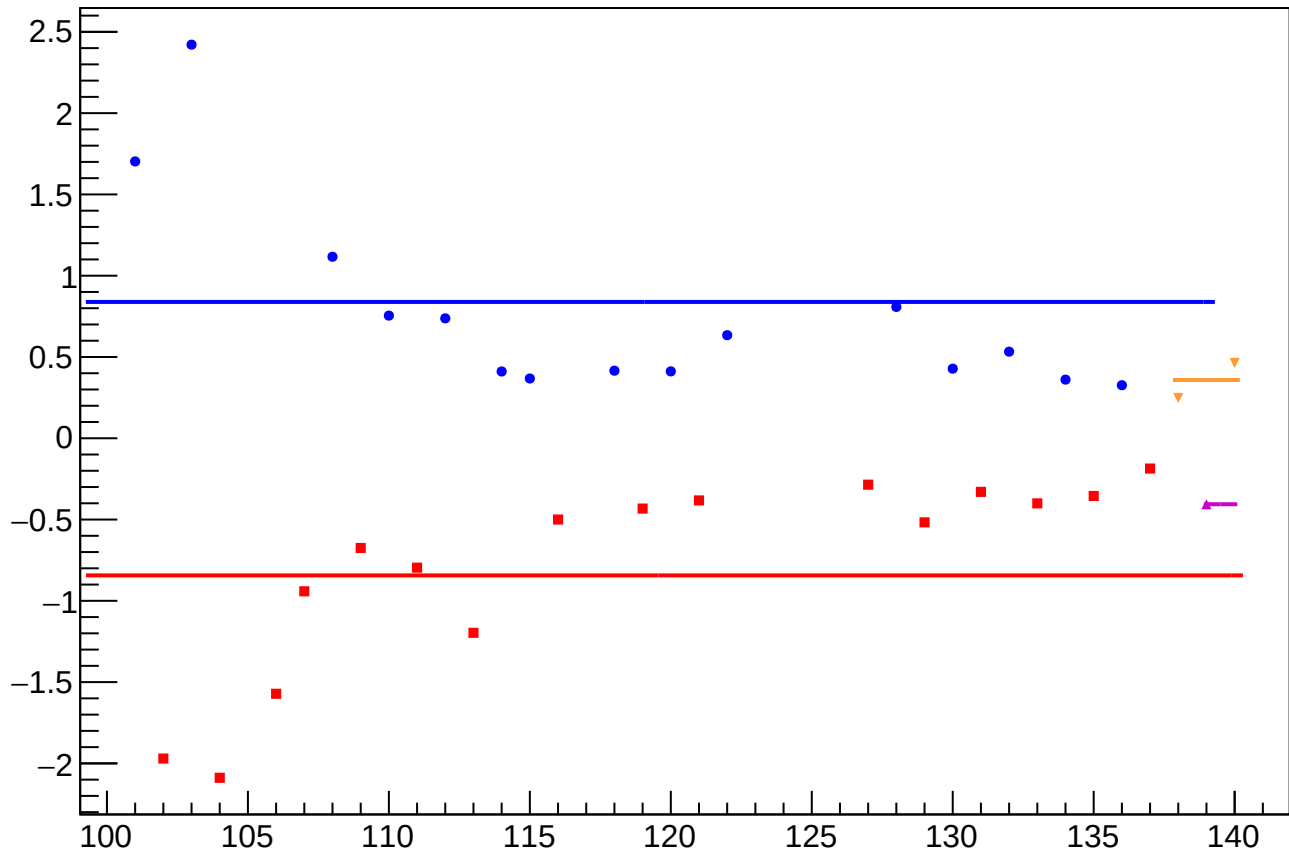
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 4.025 $\pm$ 0.000 χ^2/NDF : 769001650442321928129473832550400.0/14
 Left Out: 5.242 $\pm$ 0.000 χ^2/NDF : 195914397893195910512760913395712.0/1
 Right Out: -3.819 $\pm$ 0.000 χ^2/NDF : 888232240226434329114859171479552.0/15
 Left In: -4.696 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.336 $\pm$ 0.000 χ^2/NDF : 28098716070537

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.839+/-0.000

χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.358+/-0.000

χ^2/NDF : 1855585563393632429954723479552.0/1

Right Out: -0.844+/-0.000

χ^2/NDF : 252917509393432760240648918925312.0/15

Left In: -0.406+/-0.000

χ^2/NDF : 0.0/0

In: 0.701+/-0.000

χ^2/NDF : 3699754337602676100

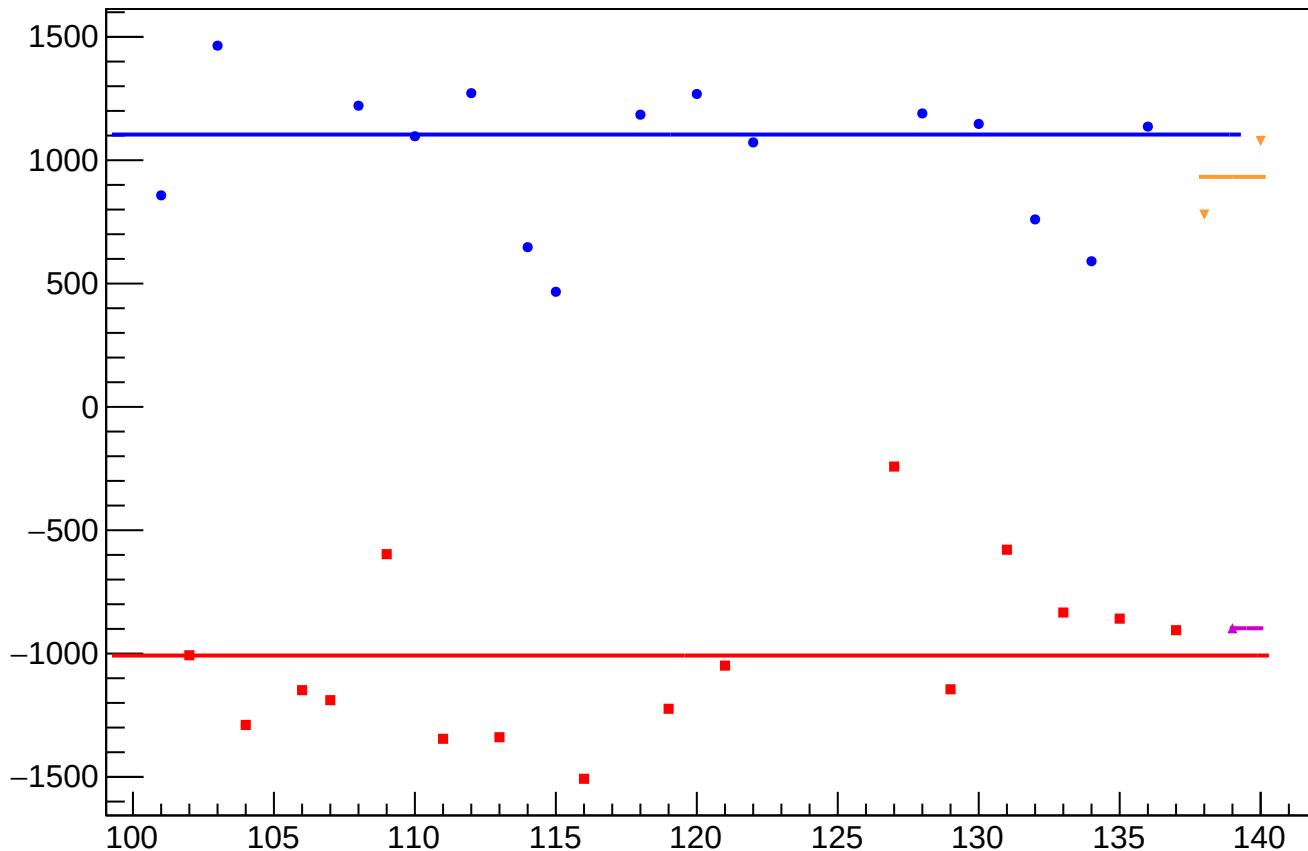
Out: -0.611+/-0.000

χ^2/NDF : 44114484682611350

All: 0.004+/-0.000

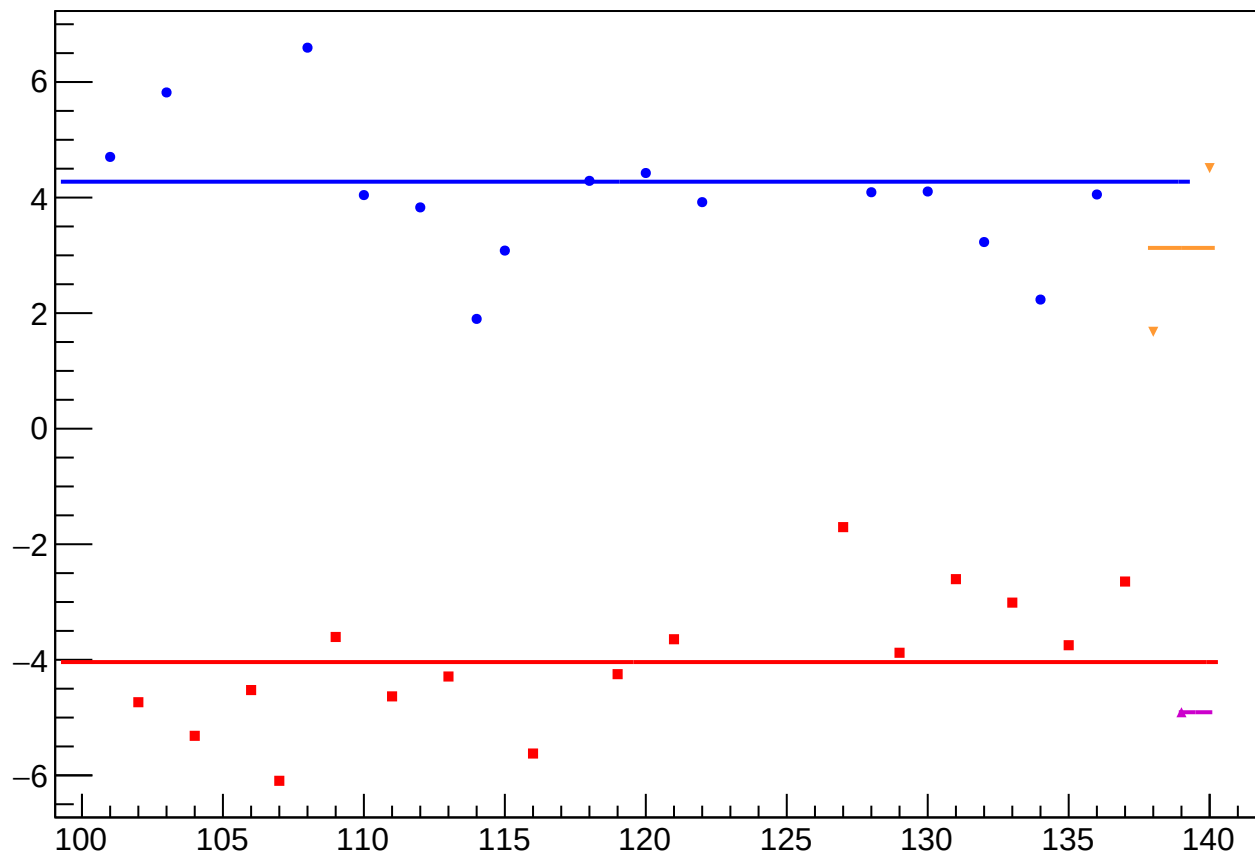
χ^2/NDF : 14781737815249

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



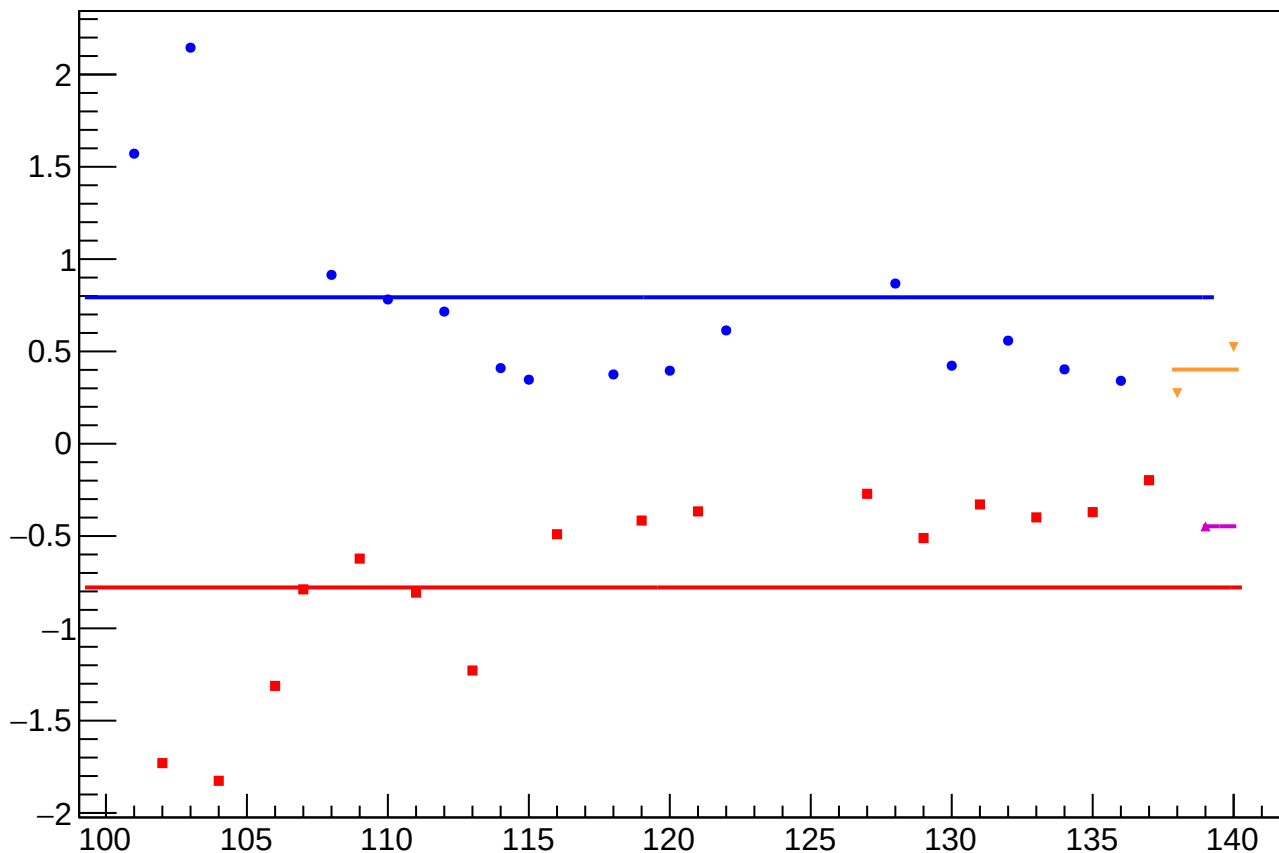
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14
 Left Out: 3.129+/-0.000 χ^2/NDF : 320826746984373925918402672590848.0/1
 Right Out: -4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15
 Left In: -4.908+/-0.000 χ^2/NDF : 0.0/0
 All: 0.118+/-0.000 χ^2/NDF : 27929604891952

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.793+/-0.000

χ^2/NDF : 195508777173589483440314700005376.0/14

Left Out: 0.402+/-0.000

χ^2/NDF : 2500128718328372038730180984832.0/1

Right Out: -0.778+/-0.000

χ^2/NDF : 185814635772183306063903690063872.0/15

Left In: -0.447+/-0.000

χ^2/NDF : 0.0/0

Left: 0.116+/-0.000

χ^2/NDF : 412597997797748304

Right: -0.003+/-0.000

χ^2/NDF : 1193841006449656

In: 0.656+/-0.000

χ^2/NDF : 3063031044978852563

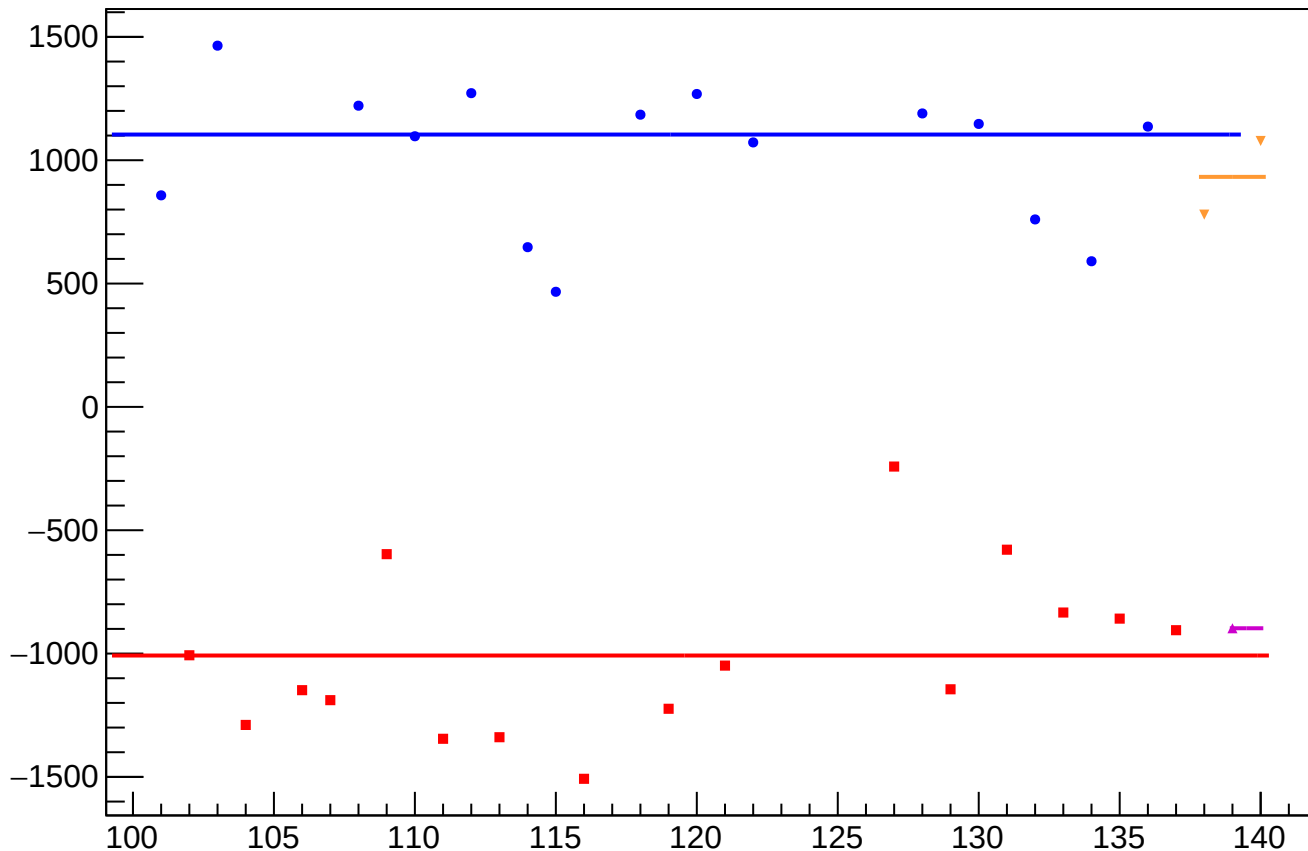
Out: -0.550+/-0.000

χ^2/NDF : 36807502810923514

All: 0.015+/-0.000

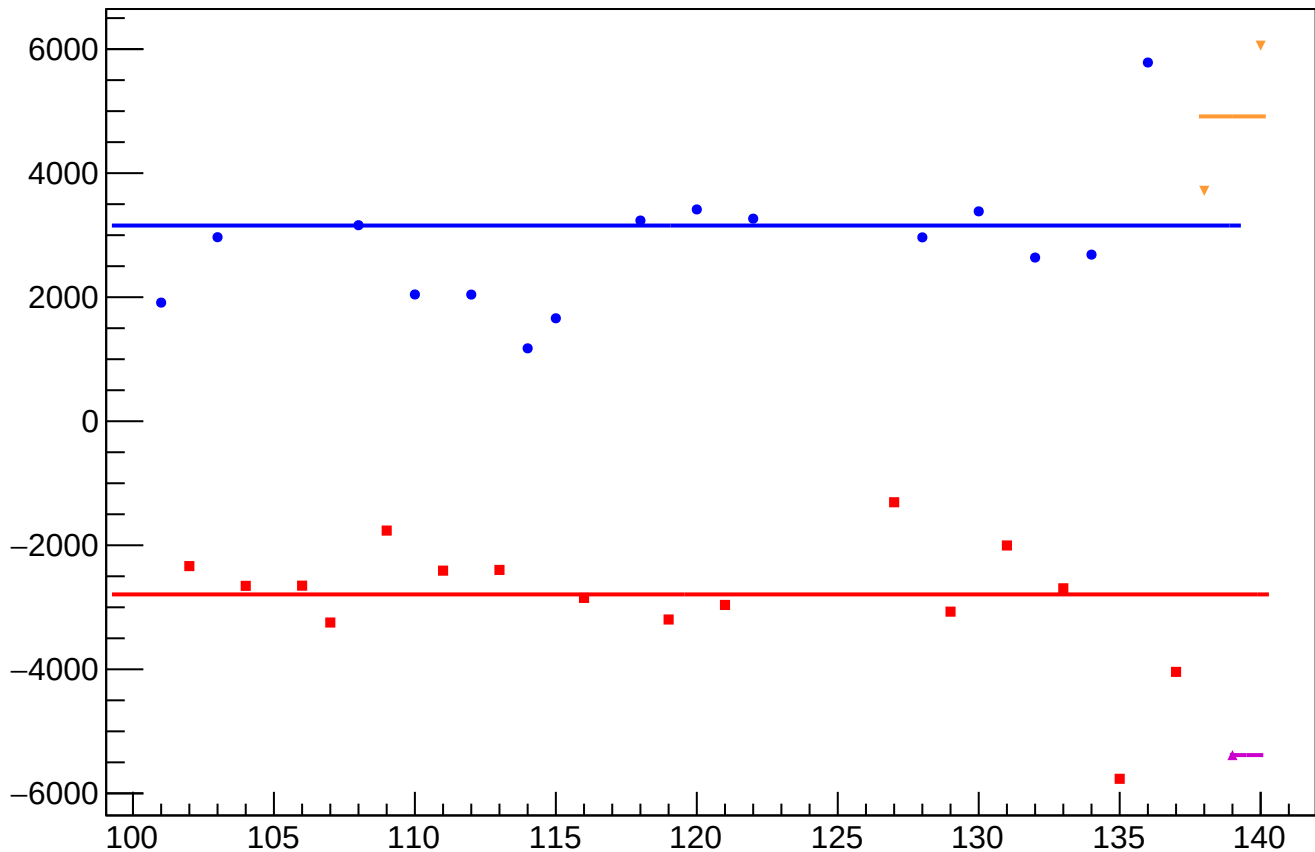
χ^2/NDF : 12380259309472

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 In: 882.025+/-0.000 χ^2/NDF : 3212246815798698
 Out: -632.495+/-0.000 χ^2/NDF : 558517070393855
 All: 77.588+/-0.000 χ^2/NDF : 1769125794799
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 3155.434+/-0.000

χ^2/NDF : 903550534773622902110918214033612996608.0/14

Left Out: 4914.601+/-0.000

χ^2/NDF : 218976090792474548057477095596515917824.0/1

Right Out: -2792.245+/-0.000

χ^2/NDF : 674635749324173001973264427530986717184.0/15

Left In: -5382.902+/-0.000

χ^2/NDF : 0.0/0

Left: 1453.615+/-0.000 χ^2/NDF : 592129932179148

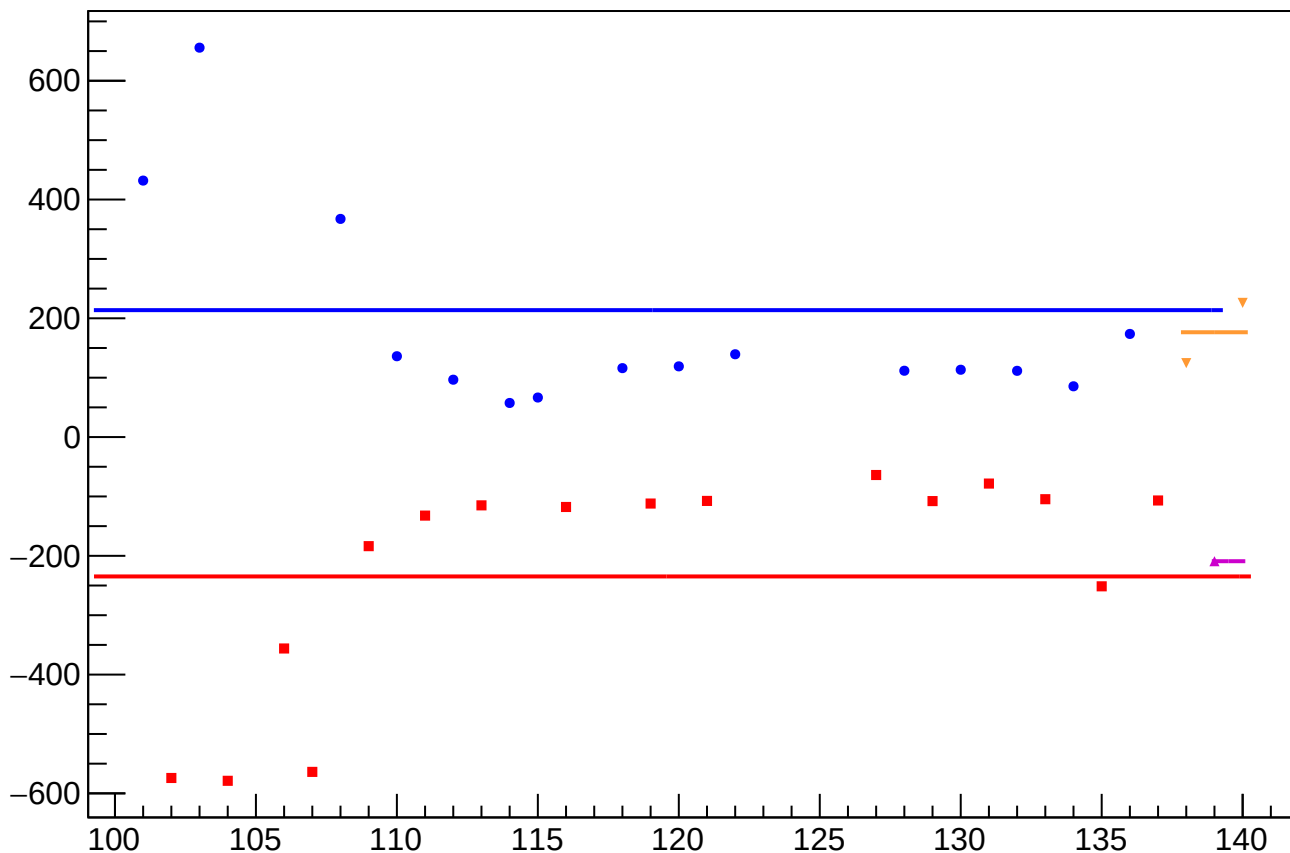
Right: 140.919+/-0.000 χ^2/NDF : 132143468168130

In: 2208.030+/-0.000 χ^2/NDF : 6153478244134310

Out: -1301.199+/-0.000 χ^2/NDF : 85582864861658

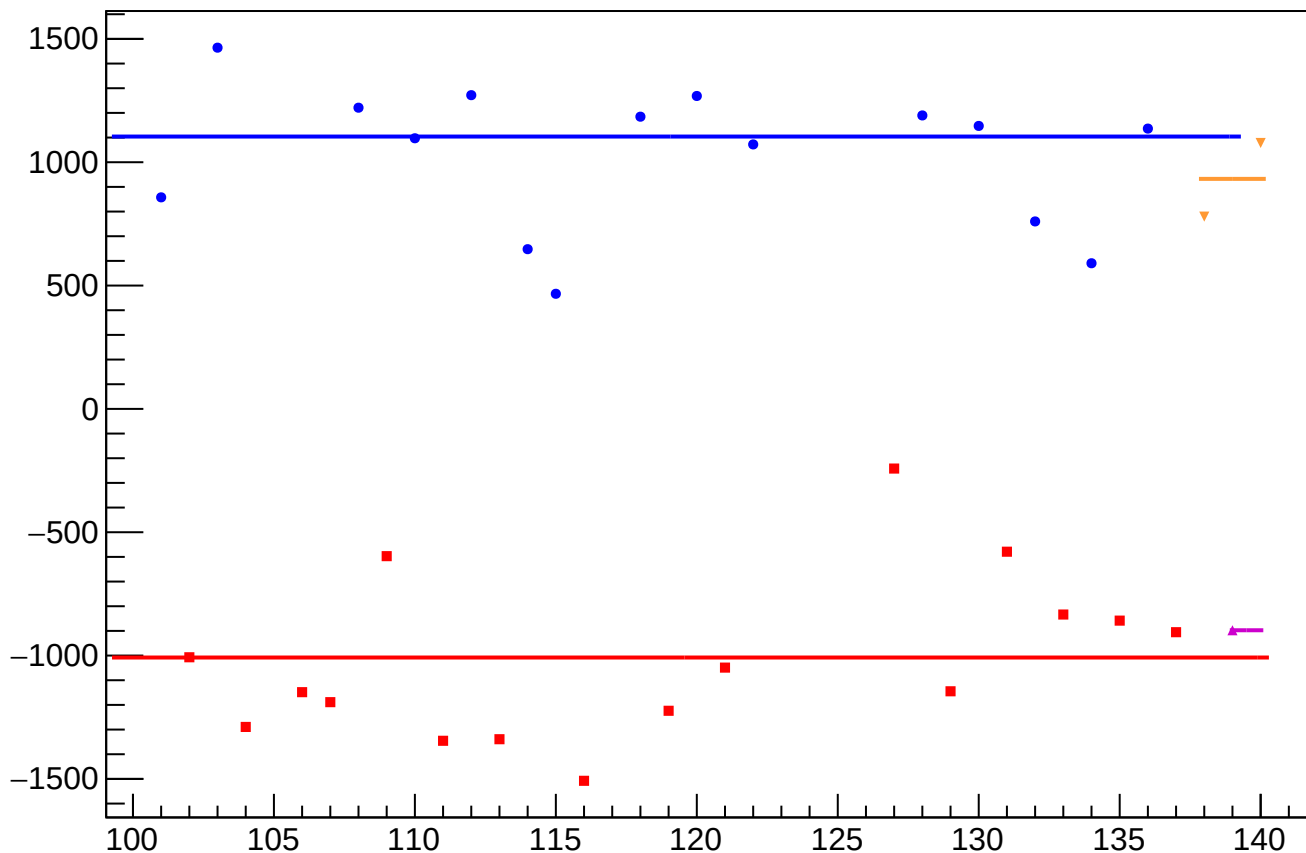
All: 344.104+/-0.000 χ^2/NDF : 194866505973

dit_usl_coil3_err_mean vs Slug, Sign Corrected



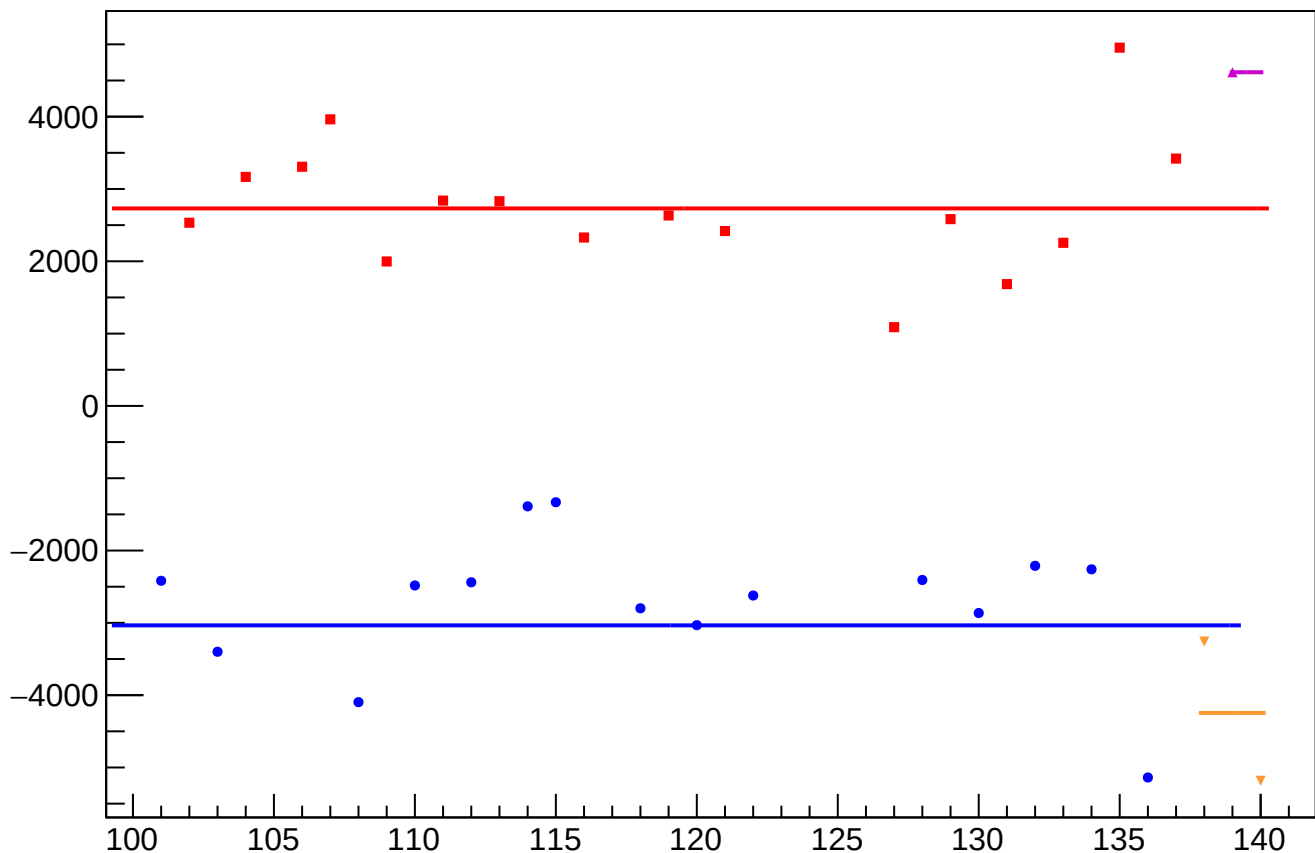
Right In: 213.739+/-0.000	χ^2/NDF : 19718138109054002114361149860507287552.0/14	Left: 46.919+/-0.000	χ^2/NDF : 84062086247366175
Left Out: 176.510+/-0.000	χ^2/NDF : 411575491223959173254609883008860160.0/1	Right: -13.554+/-0.000	χ^2/NDF : 109883652295878
Right Out: -234.712+/-0.000	χ^2/NDF : 24013134107167214895189050481067425792.0/15	In: 166.825+/-0.000	χ^2/NDF : 32591130337232920
Left In: -209.062+/-0.000	χ^2/NDF : 0.0/0	Out: -155.153+/-0.000	χ^2/NDF : 462466253509126
		All: -4.193+/-0.000	χ^2/NDF : 1190347675445

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527+/-0.000

Left Out: -4245.646+/-0.000

Right Out: 2731.035+/-0.000

Left In: 4614.299+/-0.000

χ^2/NDF : 630694553353463868547335175090919702528.0/14

χ^2/NDF : 148121332353824398473098317026157395968.0/1

χ^2/NDF : 528290847703567991555694629239211950080.0/15

χ^2/NDF : 67001629.6/0

Left: -1267.822+/-0.000 χ^2/NDF : 43694578954254

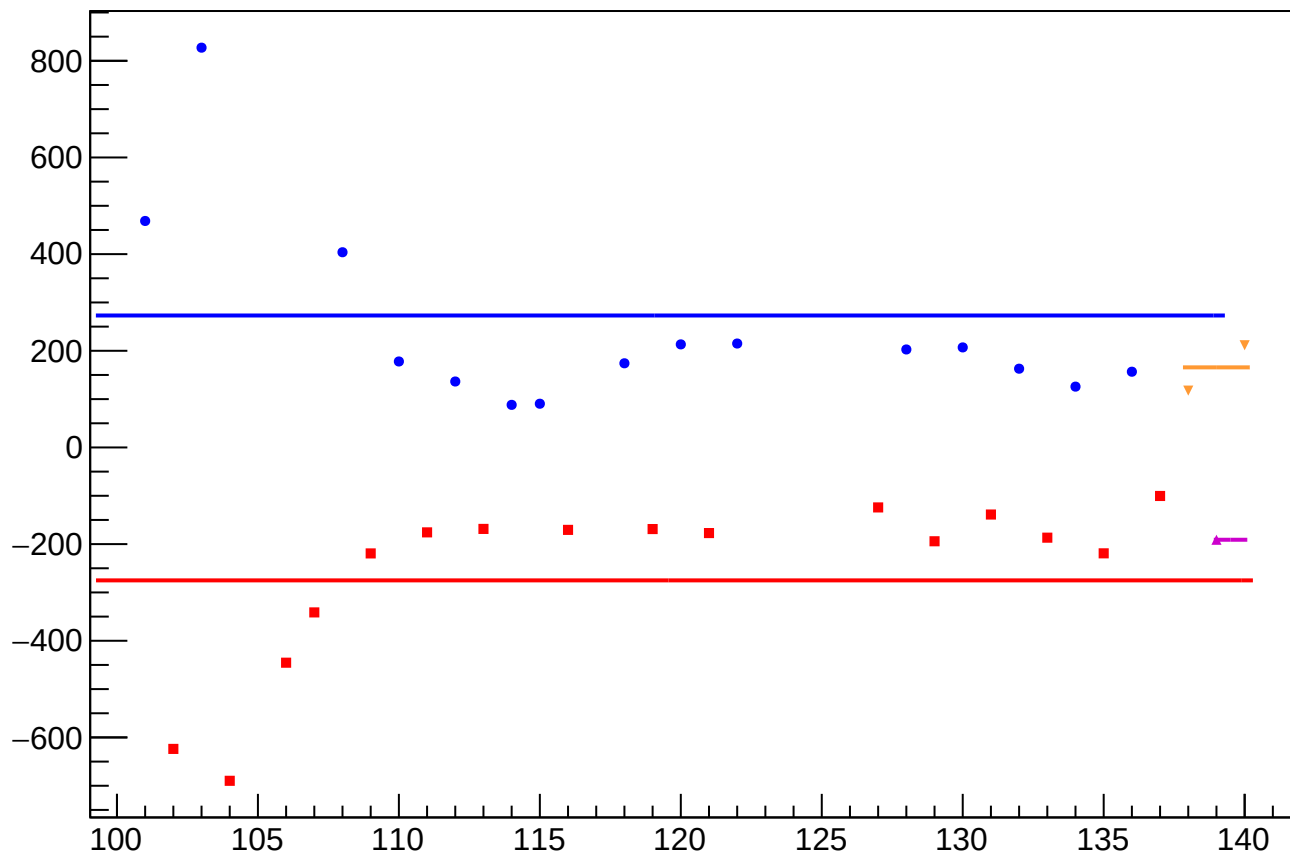
Right: -112.316+/-0.000 χ^2/NDF : 12093460154256

In: -2185.822+/-0.000 χ^2/NDF : 484374245439714

Out: 1381.254+/-0.000 χ^2/NDF : 695754555376771

All: -291.171+/-0.000 χ^2/NDF : 16734893004

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 165.706+/-0.000 χ^2/NDF : 352397969398800451141007043469508608.0/1

Right Out: -275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

Left In: -190.988+/-0.000 χ^2/NDF : 0.0/0

Left: 45.821+/-0.000 χ^2/NDF : 71943206545177147

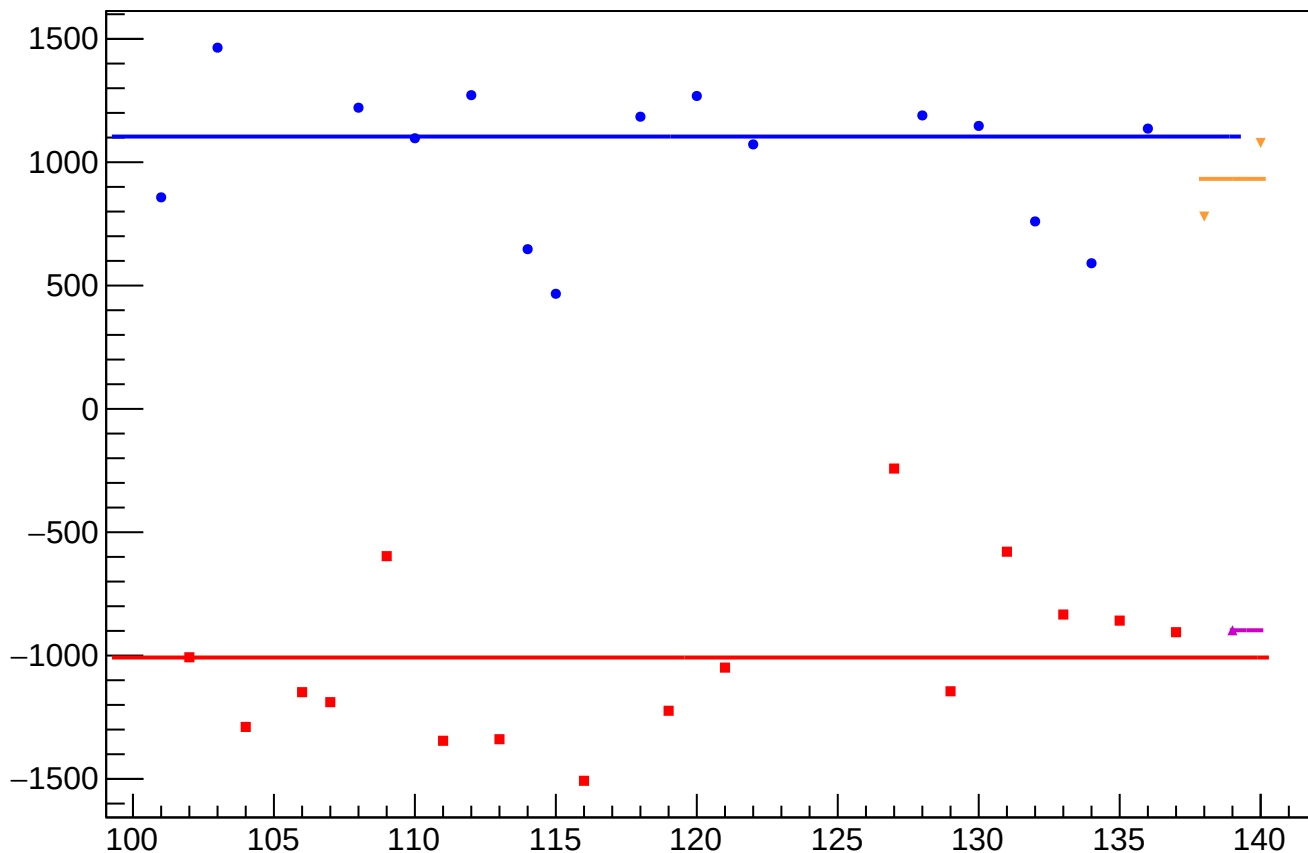
Right: -4.751+/-0.000 χ^2/NDF : 1475618476041152

In: 221.551+/-0.000 χ^2/NDF : 41991650395714329

Out: -189.772+/-0.000 χ^2/NDF : 476853942929935

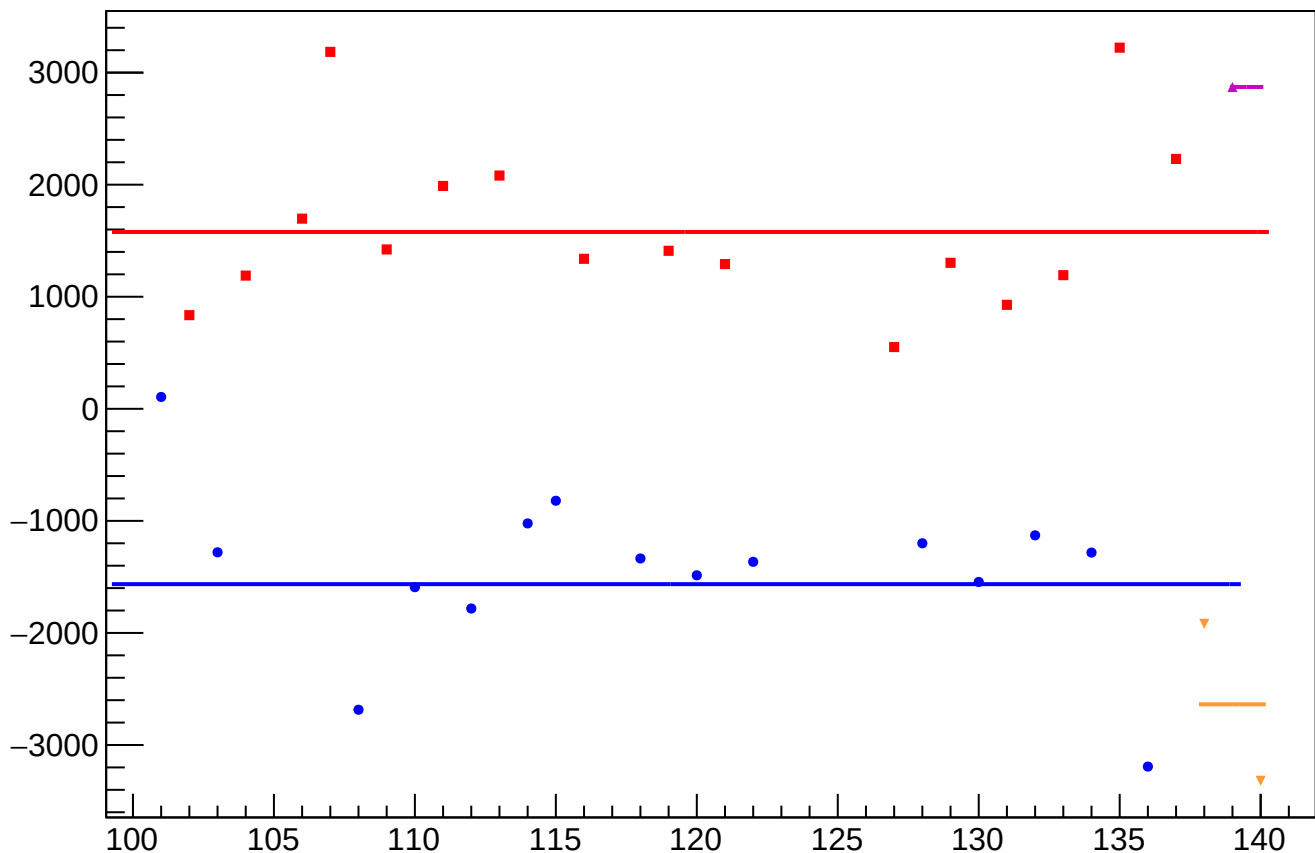
All: 3.077+/-0.000 χ^2/NDF : 15527713055163

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1
 In: 882.025+/-0.000 χ^2/NDF : 32122468157986984
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -632.495+/-0.000 χ^2/NDF : 558517070393855
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000

Left Out: -2636.597+/-0.000

Right Out: 1578.178+/-0.000

Left In: 2871.822+/-0.000

χ^2/NDF : 483874800978571042578975757029039144960.0/14

χ^2/NDF : 78415547199783381931266292256115523584.0/1

χ^2/NDF : 368450572556217564071963203581098590208.0/15

χ^2/NDF : 0.0/0

Left: -785.220+/-0.000 χ^2/NDF : 171012104126558

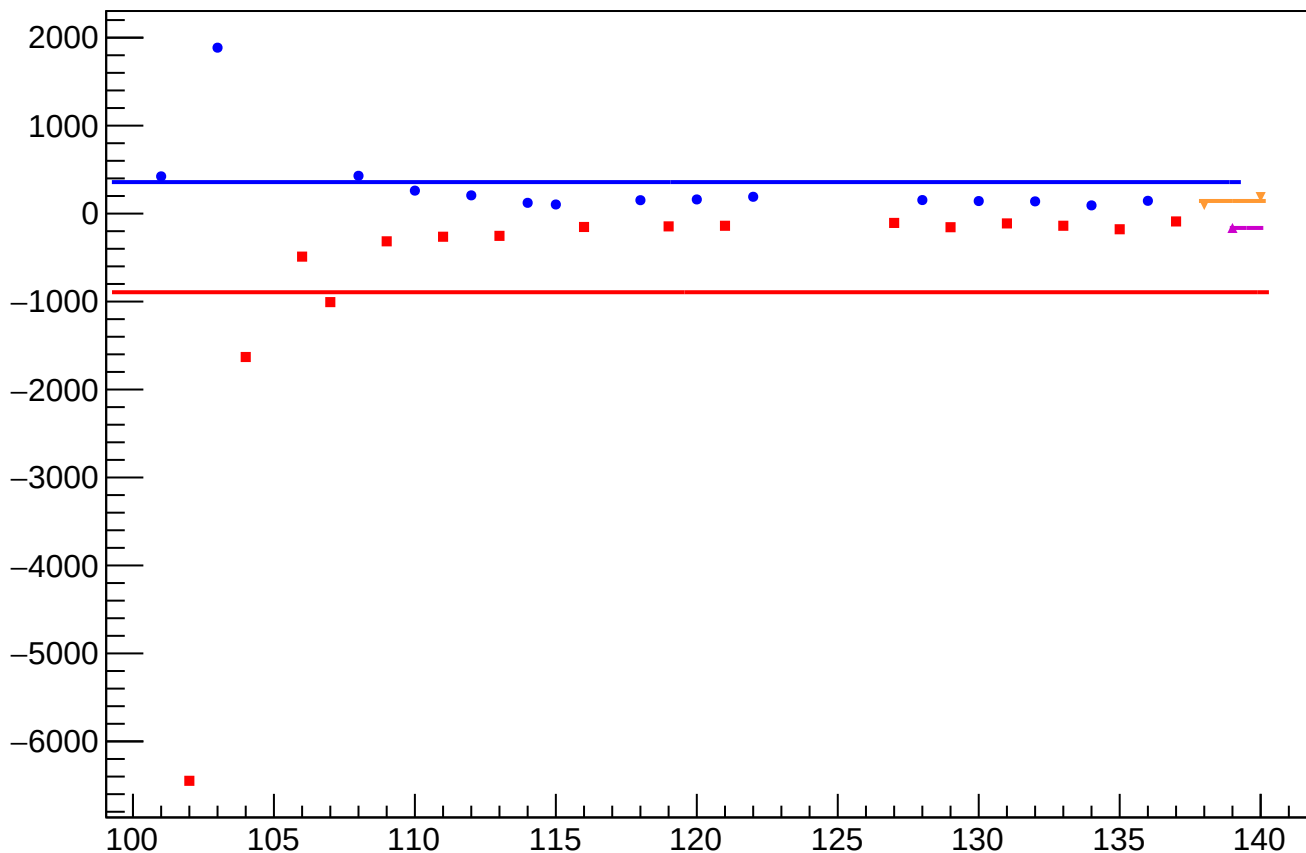
Right: 28.285+/-0.000 χ^2/NDF : 4101258280925694

In: -1072.335+/-0.000 χ^2/NDF : 190120667139102

Out: 762.744+/-0.000 χ^2/NDF : 2739258859643214

All: -97.634+/-0.000 χ^2/NDF : 594618362640

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 358.080+/-0.000

χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 143.526+/-0.000

χ^2/NDF : 326903635435896908997076036310007808.0/1

Right Out: -893.897+/-0.000

χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: -163.170+/-0.000

χ^2/NDF : 0.0/0

Left: 40.446+/-0.000 χ^2/NDF : 53852057915812043

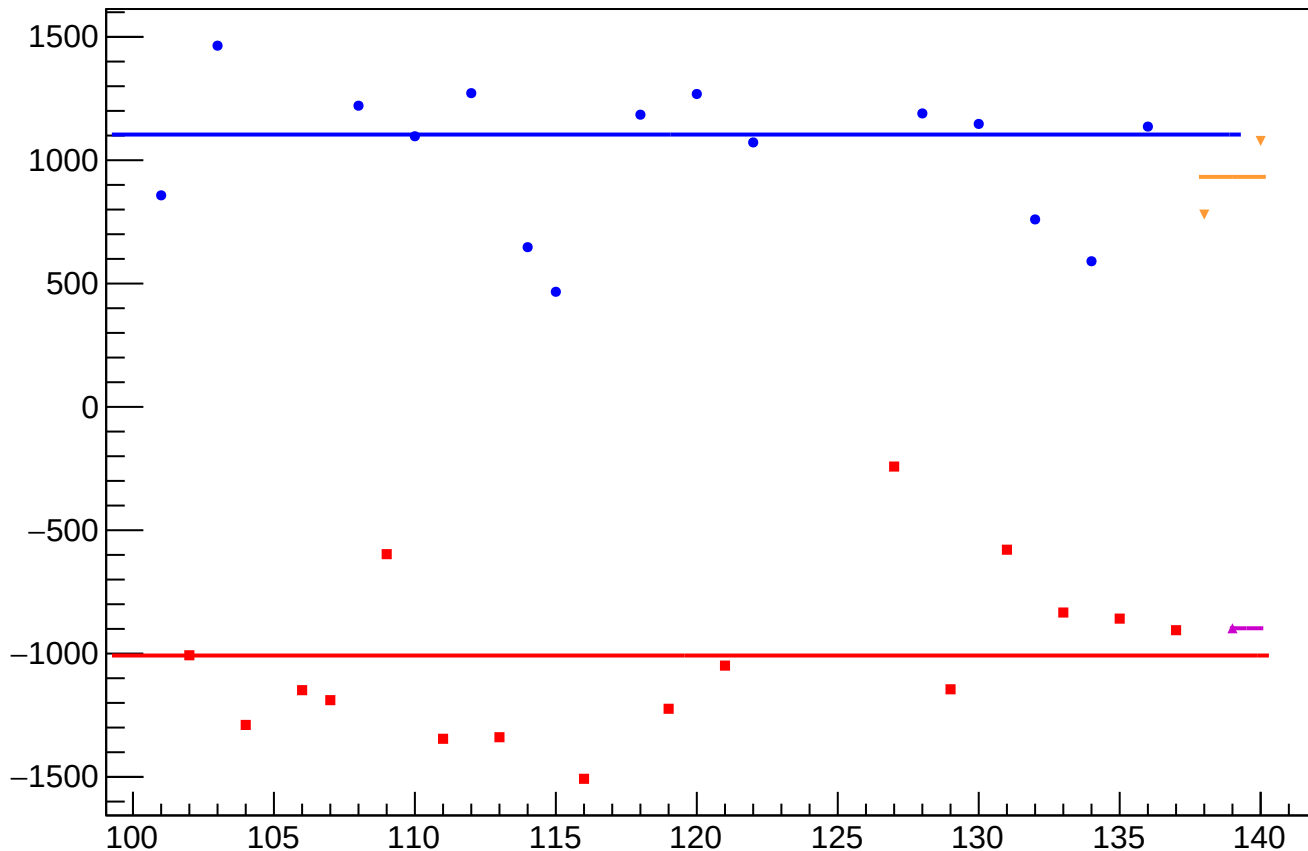
Right: -276.471+/-0.000 χ^2/NDF : 27494361834519

In: 300.243+/-0.000 χ^2/NDF : 17748863764908560

Out: -693.186+/-0.000 χ^2/NDF : 221513106127699

All: -227.417+/-0.000 χ^2/NDF : 27752798976

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000

χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000

χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000

χ^2/NDF : 0.0/0

In: 882.025+/-0.000

χ^2/NDF : 32122468157986984

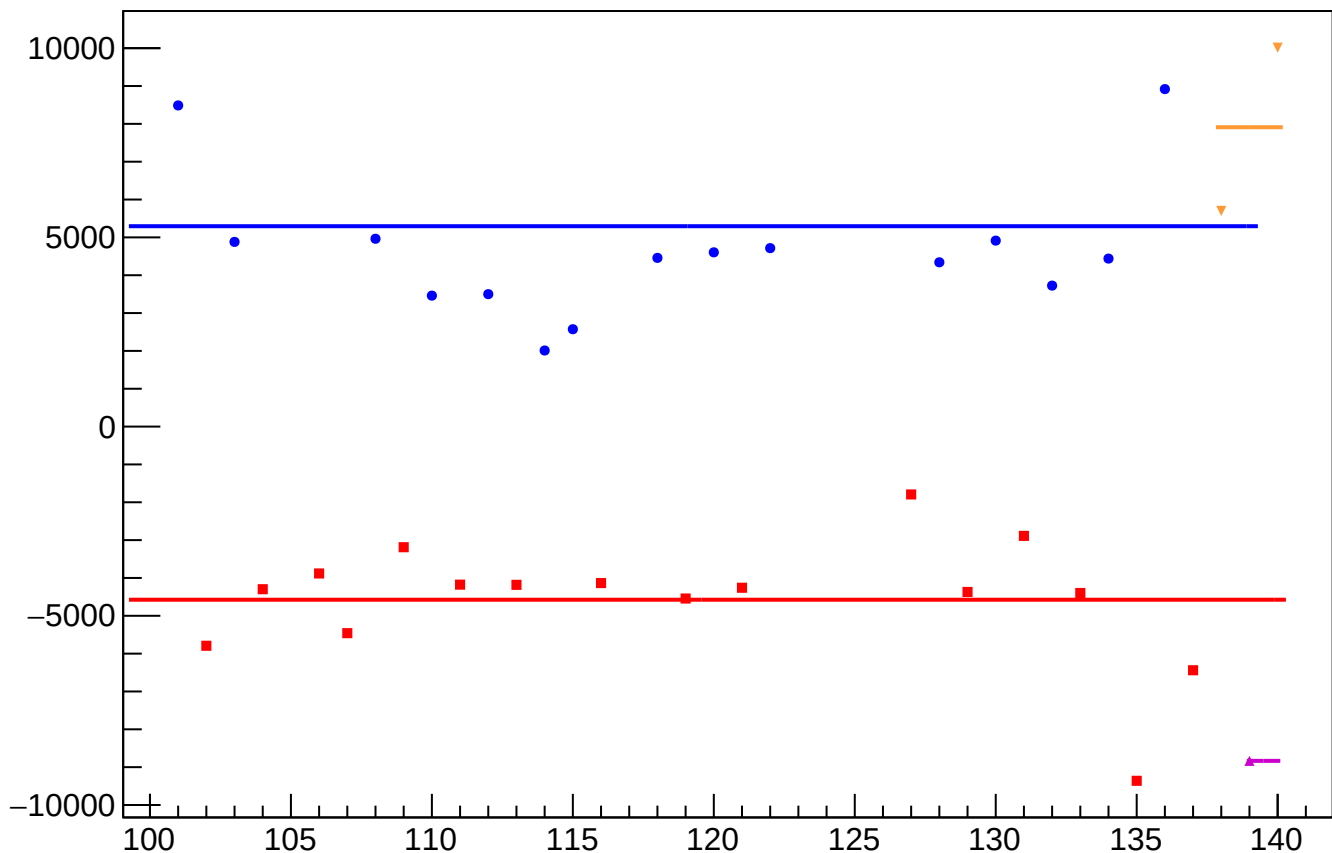
Out: -632.495+/-0.000

χ^2/NDF : 558517070393855

All: 77.588+/-0.000

χ^2/NDF : 1769125794799

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485+/-0.000

χ^2/NDF : 2505645232968263275444048016093183213568.0/14

Left Out: 7910.856+/-0.000

χ^2/NDF : 743504777864481555863427988467277103104.0/1

Right Out: -4575.270+/-0.000

χ^2/NDF : 1863322094770403739096100800072716910592.0/15

Left In: -8833.430+/-0.000

χ^2/NDF : 0.0/0

Left: 2283.109+/-0.000 χ^2/NDF : 15820724157043

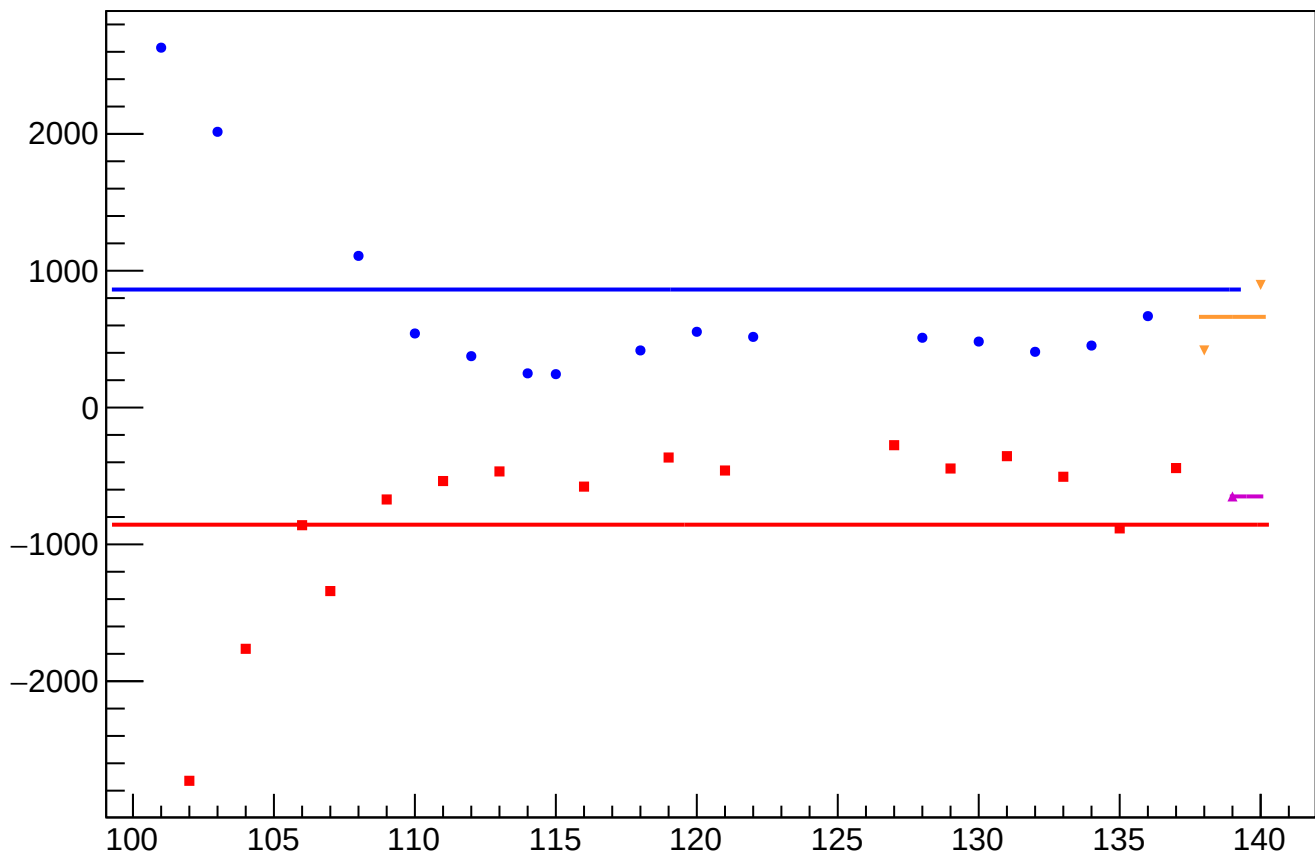
Right: 292.602+/-0.000 χ^2/NDF : 364180360676330

In: 3727.756+/-0.000 χ^2/NDF : 1688119617490279

Out: -2159.575+/-0.000 χ^2/NDF : 22725335043910

All: 600.702+/-0.000 χ^2/NDF : 530458306690

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 862.683+/-0.000

χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 662.890+/-0.000

χ^2/NDF : 9164860567644882708599064332767068160.0/1

Right Out: -856.059+/-0.000

χ^2/NDF : 327195216546444767148716224688288694272.0/15

Left In: -649.528+/-0.000

χ^2/NDF : 0.0/0

Left: 221.787+/-0.000 χ^2/NDF : 1017908024457727

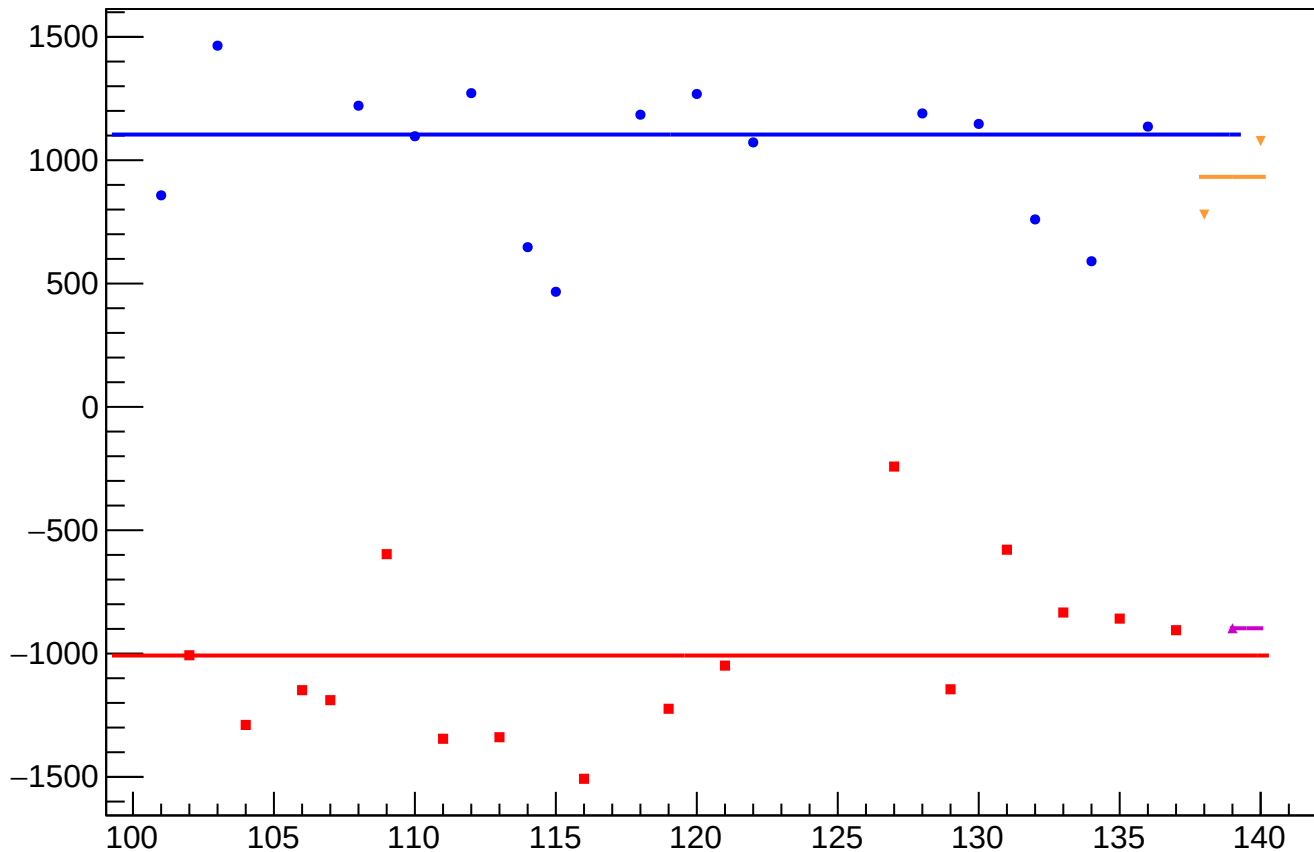
Right: -8.442+/-0.000 χ^2/NDF : 1636587396882894

In: 694.890+/-0.000 χ^2/NDF : 50236056914527530

Out: -562.187+/-0.000 χ^2/NDF : 634092834708220

All: 27.194+/-0.000 χ^2/NDF : 1749175234605

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000

χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000

χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000

χ^2/NDF : 0.0/0

Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843

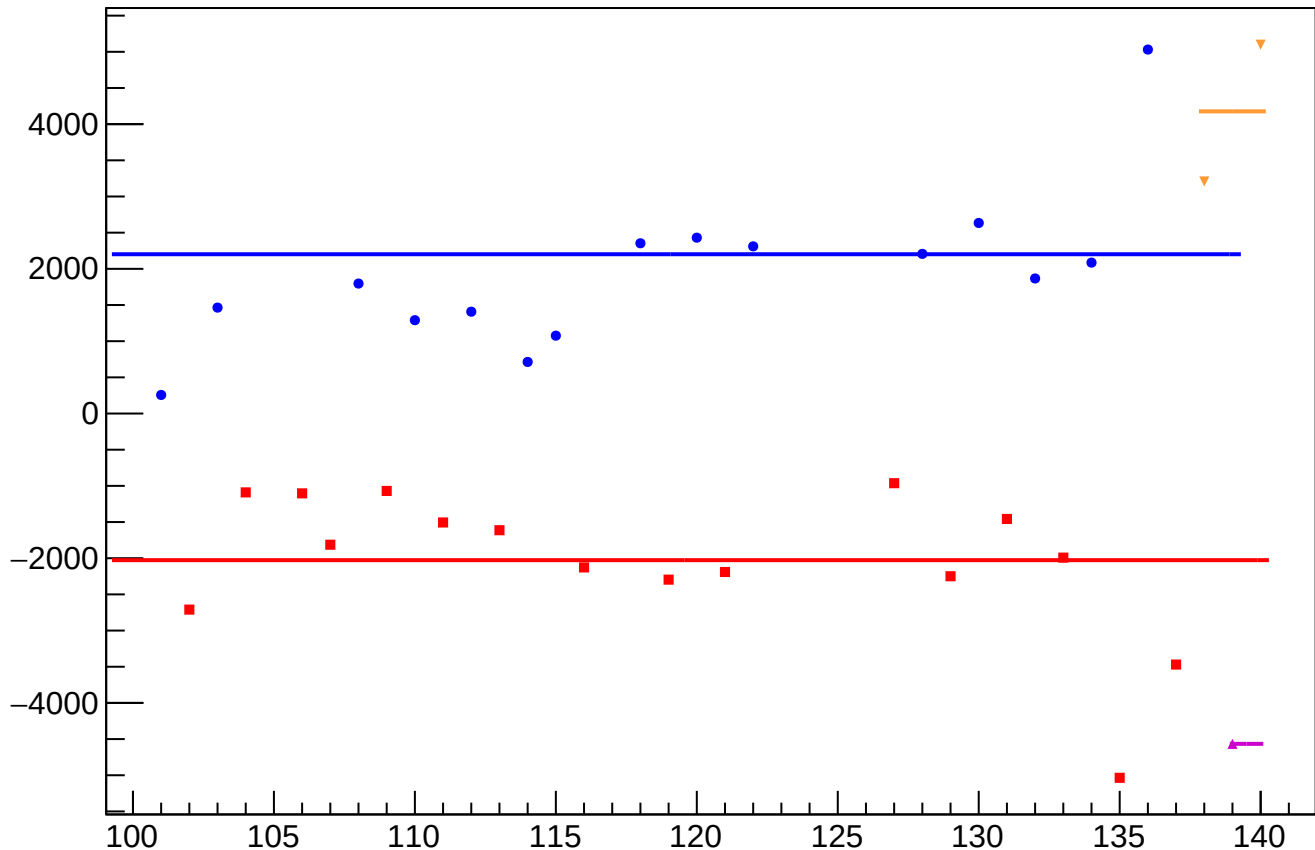
Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -632.495+/-0.000 χ^2/NDF : 558517070393855

All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 2201.844+/-0.000

χ^2/NDF : 1086544775216266395419904724422998622208.0/14

Left Out: 4176.840+/-0.000

χ^2/NDF : 142932665033700266228240421408141737984.0/1

Right Out: -2026.969+/-0.000

χ^2/NDF : 708626456603410705124518299956645199872.0/15

Left In: -4566.001+/-0.000

χ^2/NDF : 0.0/0

Left: 1238.375+/-0.000 χ^2/NDF : 425341750139269

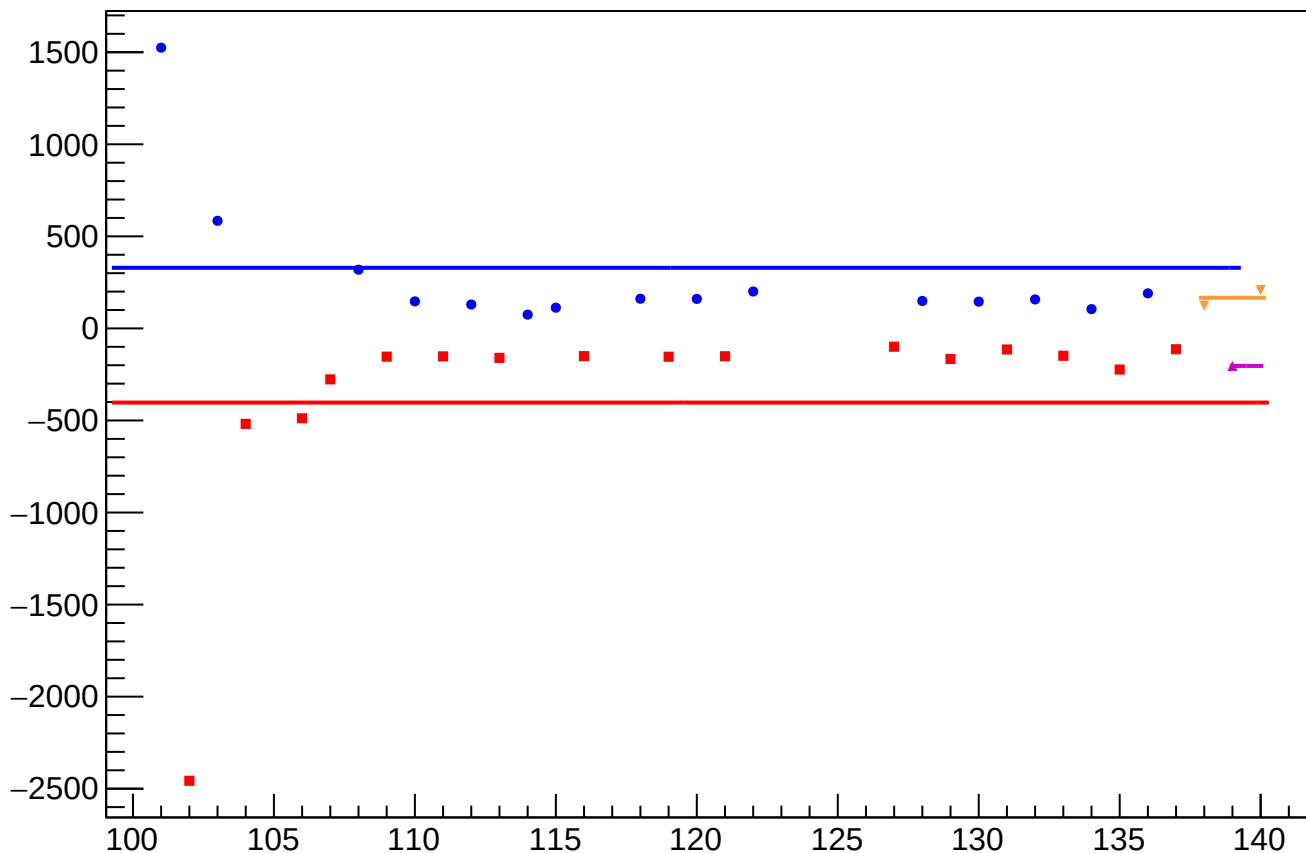
Right: 58.517+/-0.000 χ^2/NDF : 7677530711207331

In: 1450.891+/-0.000 χ^2/NDF : 4384977094448028

Out: -826.716+/-0.000 χ^2/NDF : 581813542255819

All: 241.141+/-0.000 χ^2/NDF : 122145073683

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 166.569+/-0.000 χ^2/NDF : 283871643816613769187366738977619968.0/1

Right Out: -402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

Left In: -203.838+/-0.000 χ^2/NDF : 0.0/0

Left: 42.075+/-0.000 χ^2/NDF : 76620081734625710

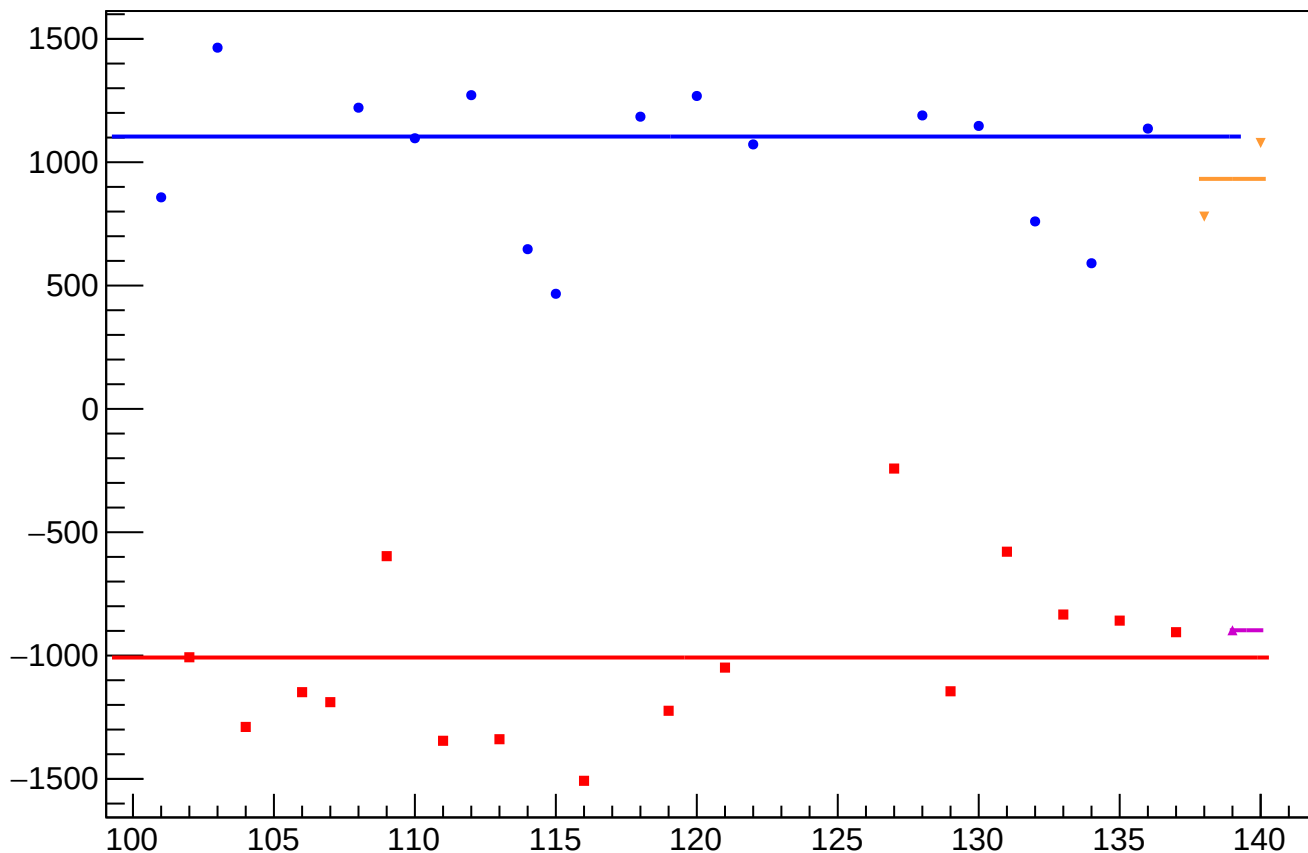
Right: -41.736+/-0.000 χ^2/NDF : 557135346601365

In: 270.081+/-0.000 χ^2/NDF : 12374811234671008

Out: -292.555+/-0.000 χ^2/NDF : 319737638197156

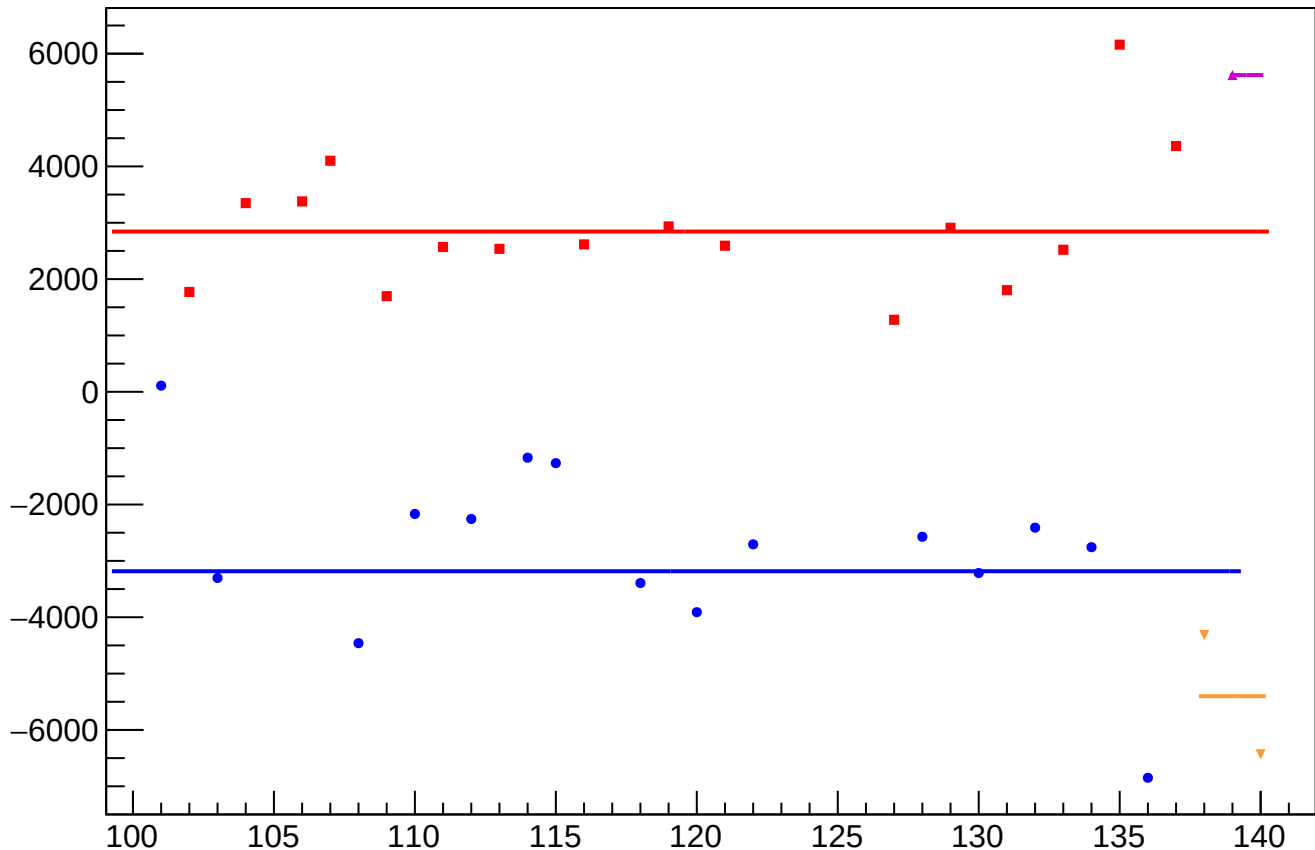
All: -28.763+/-0.000 χ^2/NDF : 566228188286

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1
 In: 882.025+/-0.000 χ^2/NDF : 32122468157986984
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -632.495+/-0.000 χ^2/NDF : 558517070393855
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928+/-0.000

Left Out: -5400.529+/-0.000

Right Out: 2843.597+/-0.000

Left In: 5620.407+/-0.000

χ^2/NDF : 2134923281384422537296044119642733543424.0/14

χ^2/NDF : 178826788569258861464733854286783447040.0/1

χ^2/NDF : 947077611563723244705531091944015396864.0/15

χ^2/NDF : 0.0/0

Left: -1696.397+/-0.000 χ^2/NDF : 67105074680074

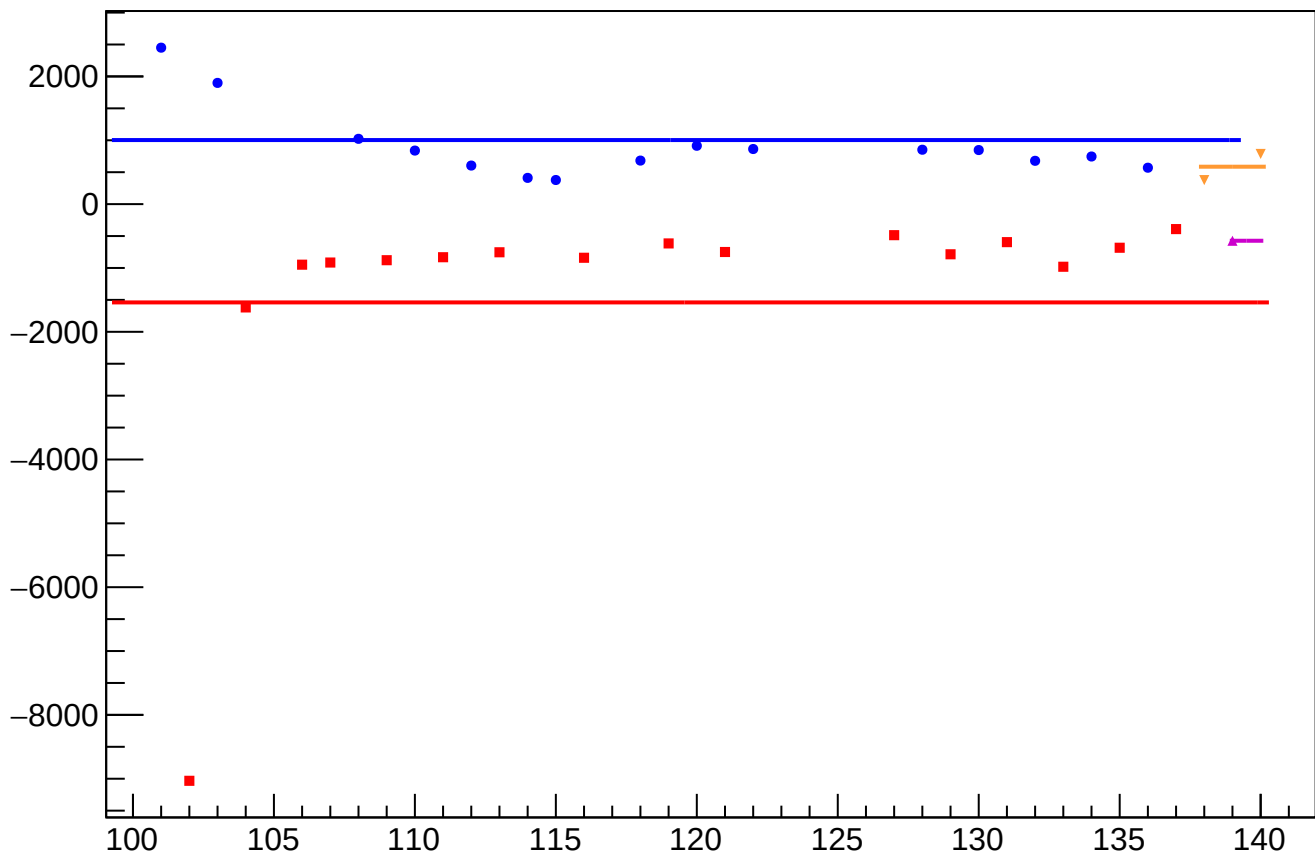
Right: -128.944+/-0.000 χ^2/NDF : 15032681342441

In: -2207.009+/-0.000 χ^2/NDF : 771705371394789

Out: 1248.603+/-0.000 χ^2/NDF : 989650914397609

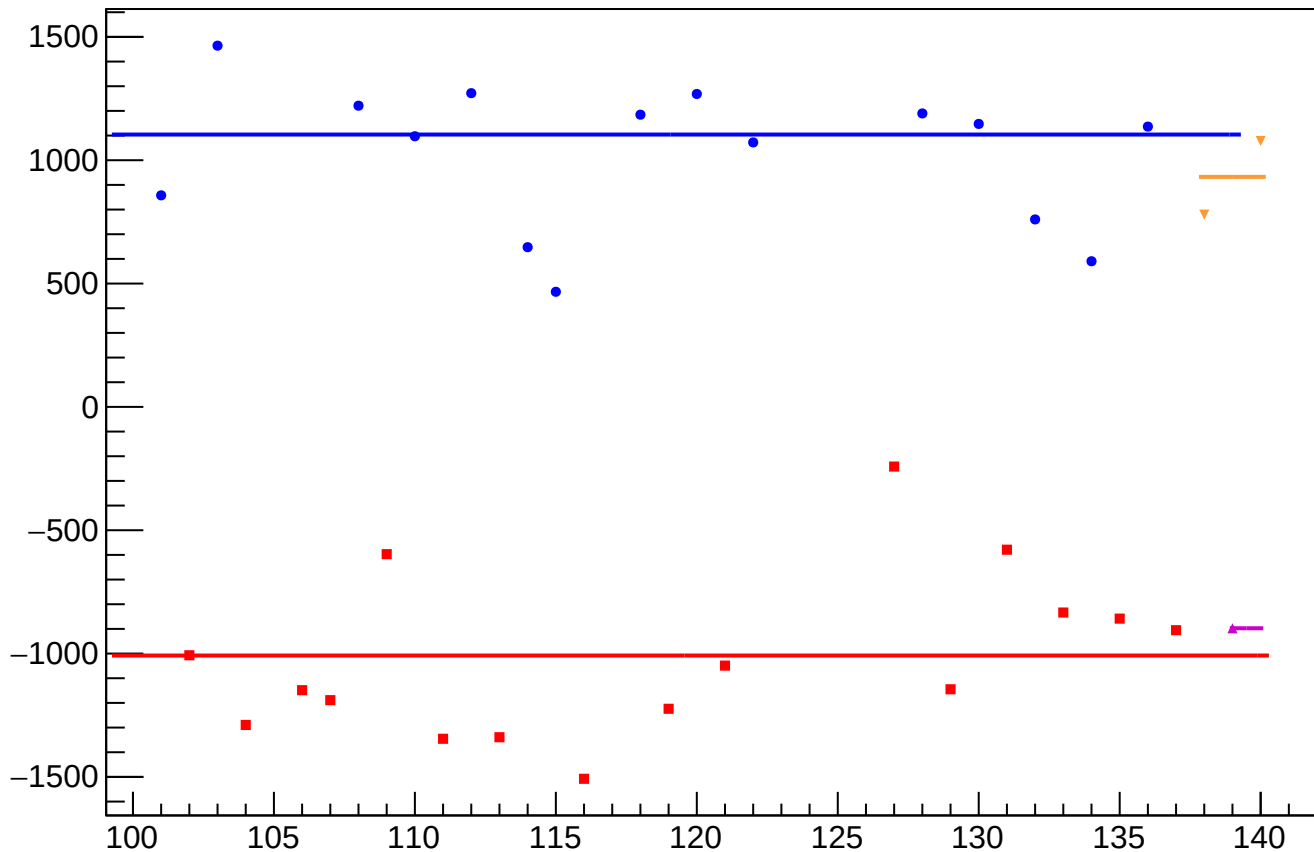
All: -371.562+/-0.000 χ^2/NDF : 22243653506

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



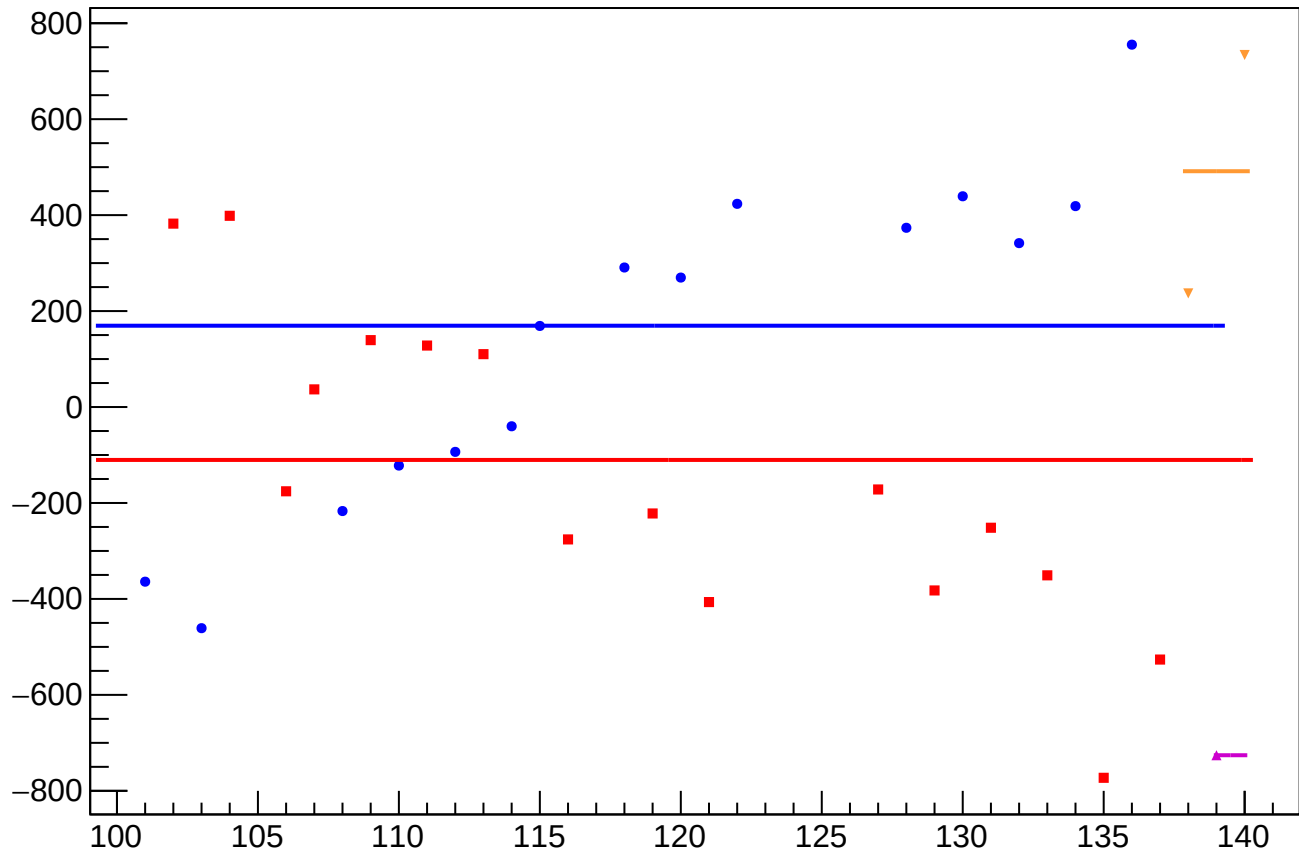
Right In: 1003.407 +/- 0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 586.088 +/- 0.000 χ^2/NDF : 6710377331465727234966552531842367488.0/1
 Right Out: -1539.568 +/- 0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: -573.757 +/- 0.000 χ^2/NDF : 1046900.5/0
 All: -210.906 +/- 0.000 χ^2/NDF : 60880667114

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 169.489+/-0.000

χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 491.516+/-0.000

χ^2/NDF : 9871902822933379668026669438014062592.0/1

Right Out: -110.289+/-0.000

χ^2/NDF : 71770784102052938523592716508479881216.0/15

Left In: -725.801+/-0.000

χ^2/NDF : 1046900.5/0

Left: 82.376+/-0.000 χ^2/NDF : 89560351220513008

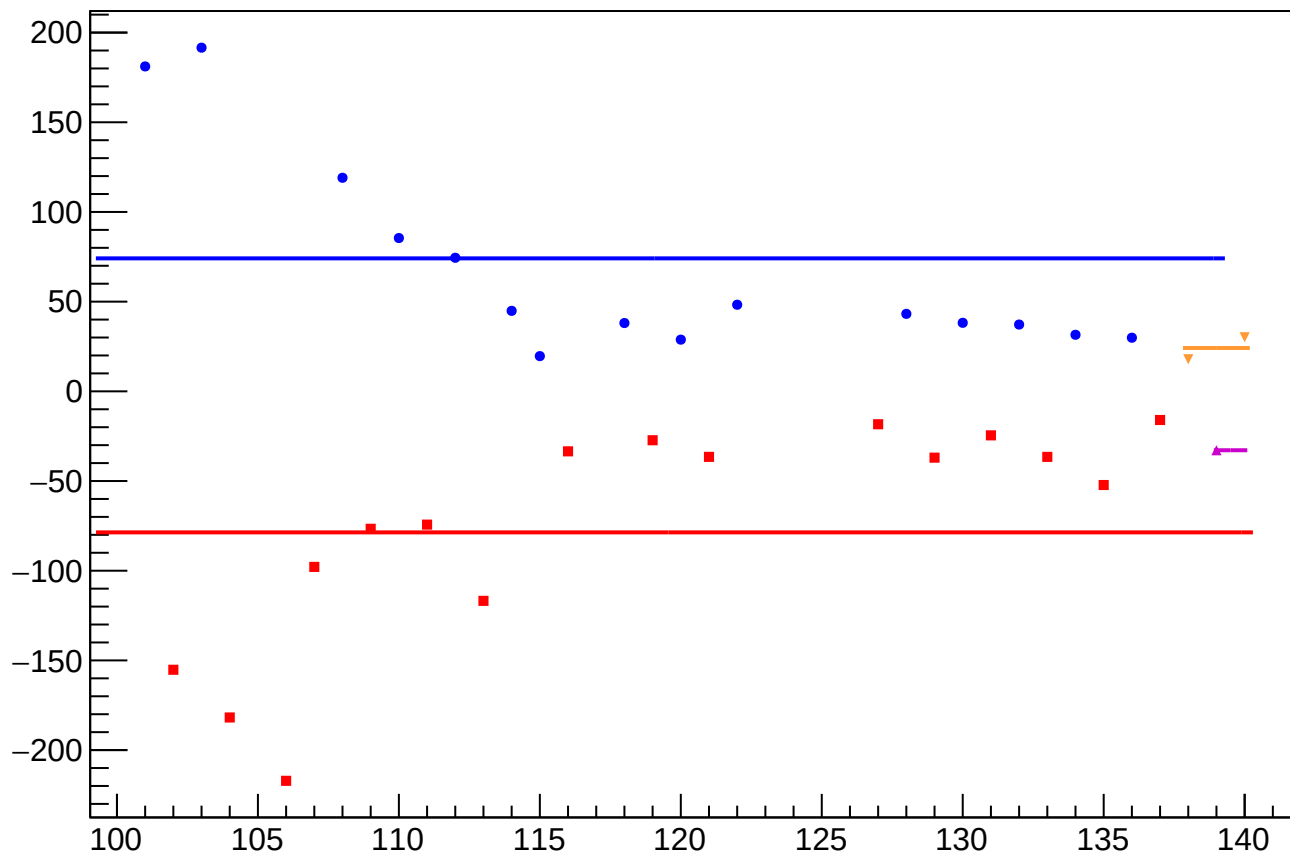
Right: 27.687+/-0.000 χ^2/NDF : 1929545589131513

In: 70.149+/-0.000 χ^2/NDF : 153157034534773932

Out: 6.143+/-0.000 χ^2/NDF : 128378626376710675

All: 36.152+/-0.000 χ^2/NDF : 2831241450417

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 24.171+/-0.000 χ^2/NDF : 6004196538761193754350124548489216.0/1

Right Out: -78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

Left In: -32.845+/-0.000 χ^2/NDF : 0.0/0

Left: 5.008+/-0.000 χ^2/NDF : 18081996998223602

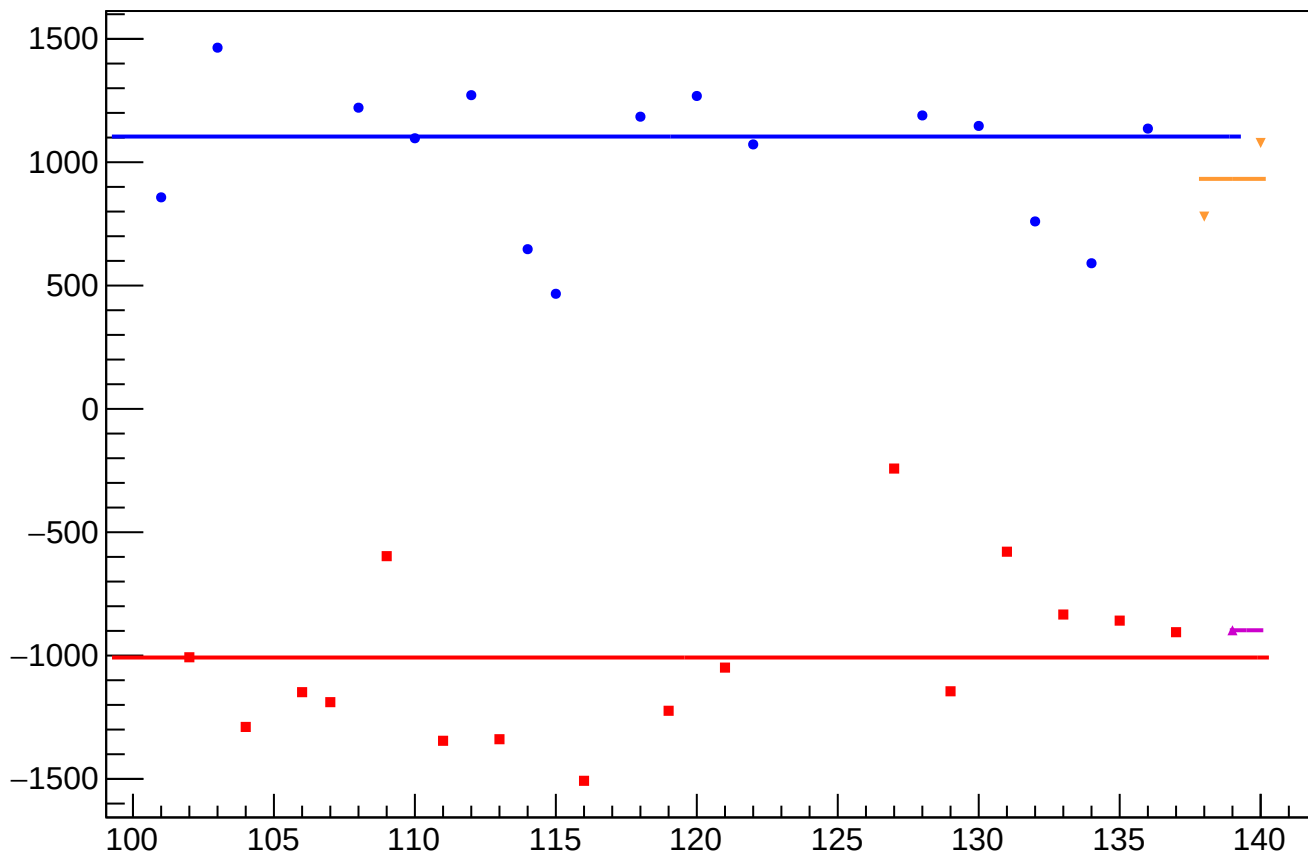
Right: -3.297+/-0.000 χ^2/NDF : 1218774471717801

In: 62.259+/-0.000 χ^2/NDF : 299244229976047780

Out: -58.743+/-0.000 χ^2/NDF : 3713055045254051

All: -2.011+/-0.000 χ^2/NDF : 1238261271108

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000

χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000

χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000

χ^2/NDF : 0.0/0

Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843

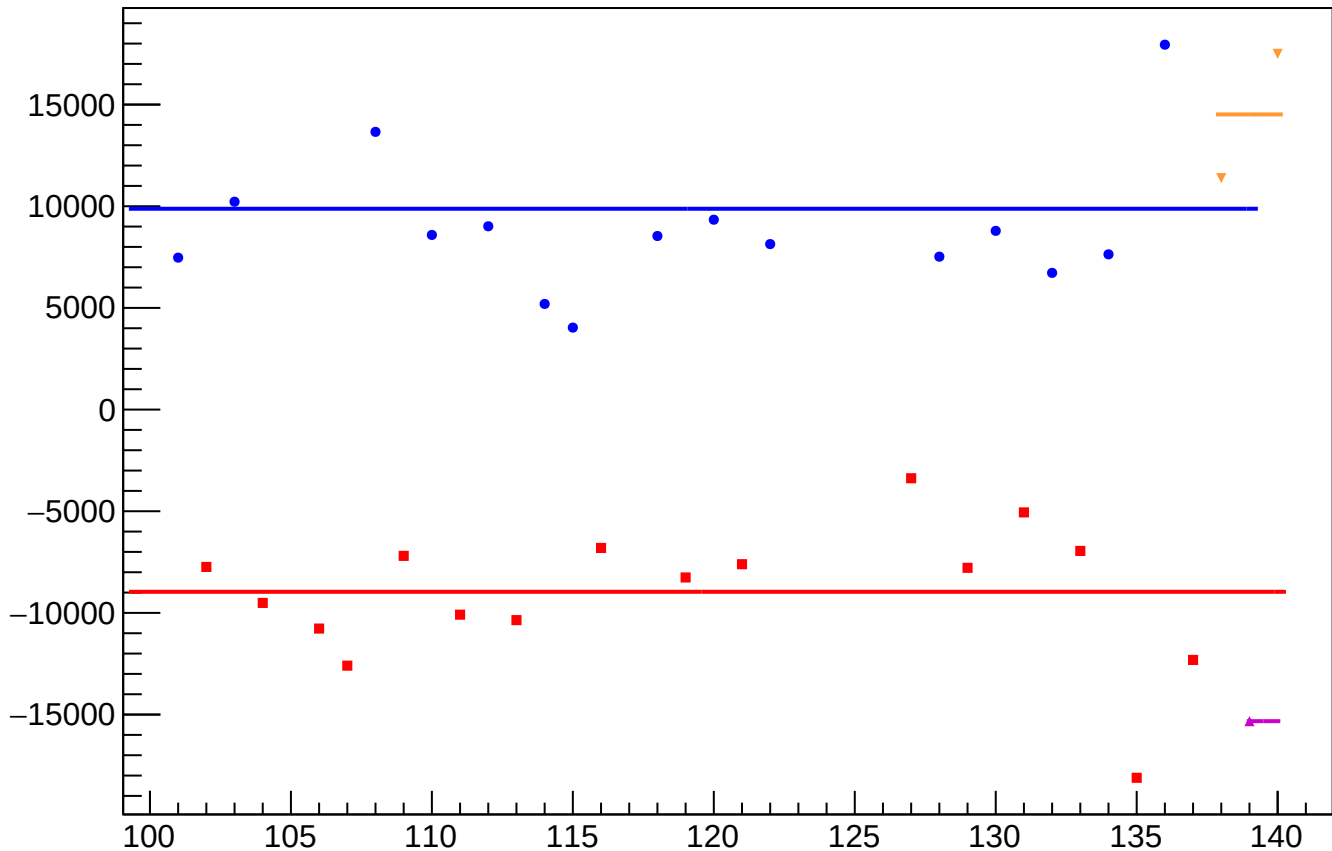
Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -632.495+/-0.000 χ^2/NDF : 558517070393855

All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000

χ^2/NDF : 8483360287053054122301651905797133697024.0/14

Left Out: 14515.798+/-0.000

χ^2/NDF : 1493264177023255816121644312292598218752.0/1

Right Out: -8961.593+/-0.000

χ^2/NDF : 7583728644146461427304320888408335450112.0/15

Left In: -15324.021+/-0.000

χ^2/NDF : 0.0/0

Left: 4486.647+/-0.000 χ^2/NDF : 493761516884172

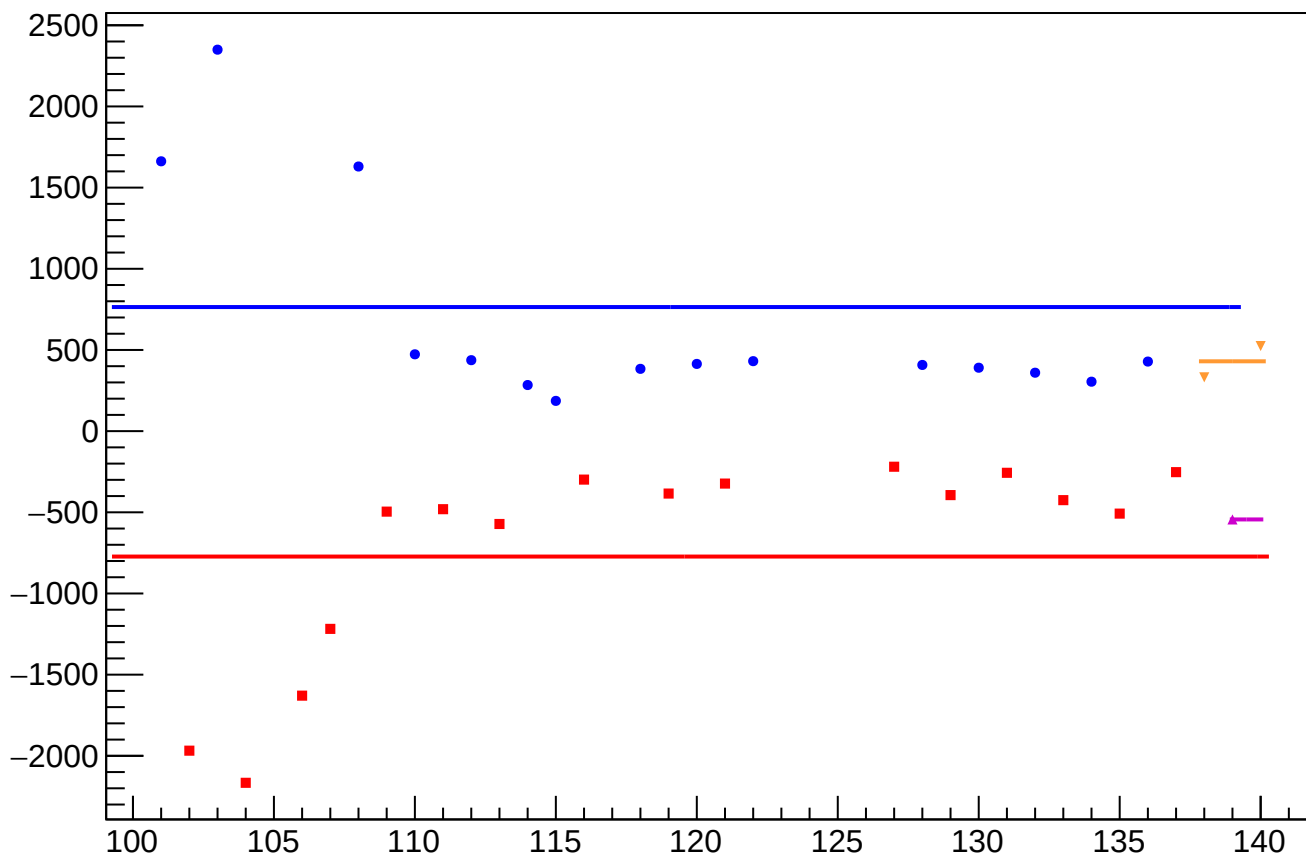
Right: 328.637+/-0.000 χ^2/NDF : 132799081917308

In: 7080.305+/-0.000 χ^2/NDF : 5421607187139134

Out: -4419.413+/-0.000 χ^2/NDF : 80204887576783

All: 972.234+/-0.000 χ^2/NDF : 185696958607

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 430.104+/-0.000 χ^2/NDF : 1483868721303562446951223405142081536.0/1

Right Out: -772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: -543.955+/-0.000 χ^2/NDF : 0.0/0

Left: 102.723+/-0.000 χ^2/NDF : 5250601126387509

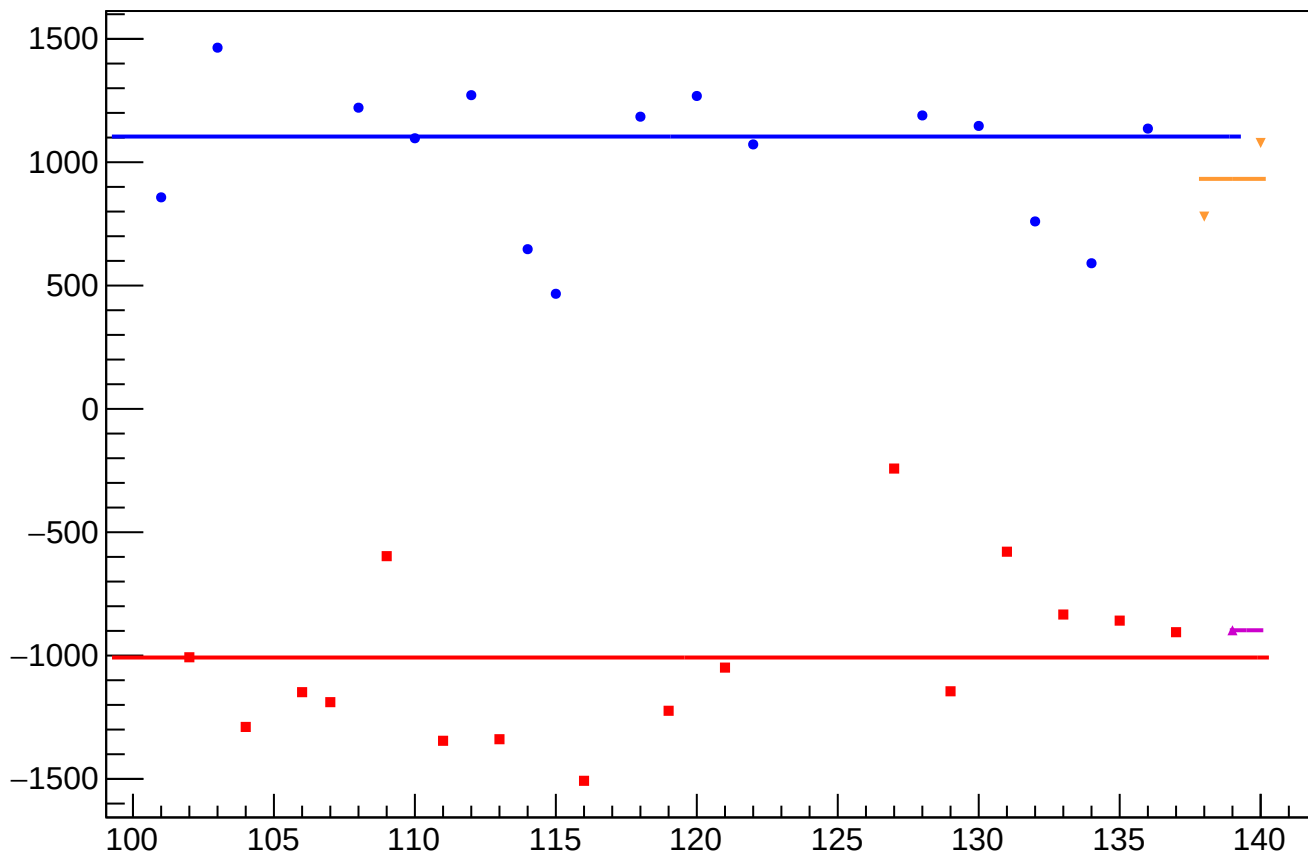
Right: -14.642+/-0.000 χ^2/NDF : 135377066004634

In: 619.123+/-0.000 χ^2/NDF : 41421315221573343

Out: -539.870+/-0.000 χ^2/NDF : 474032535602564

All: 3.524+/-0.000 χ^2/NDF : 14090825045699

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0

Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843

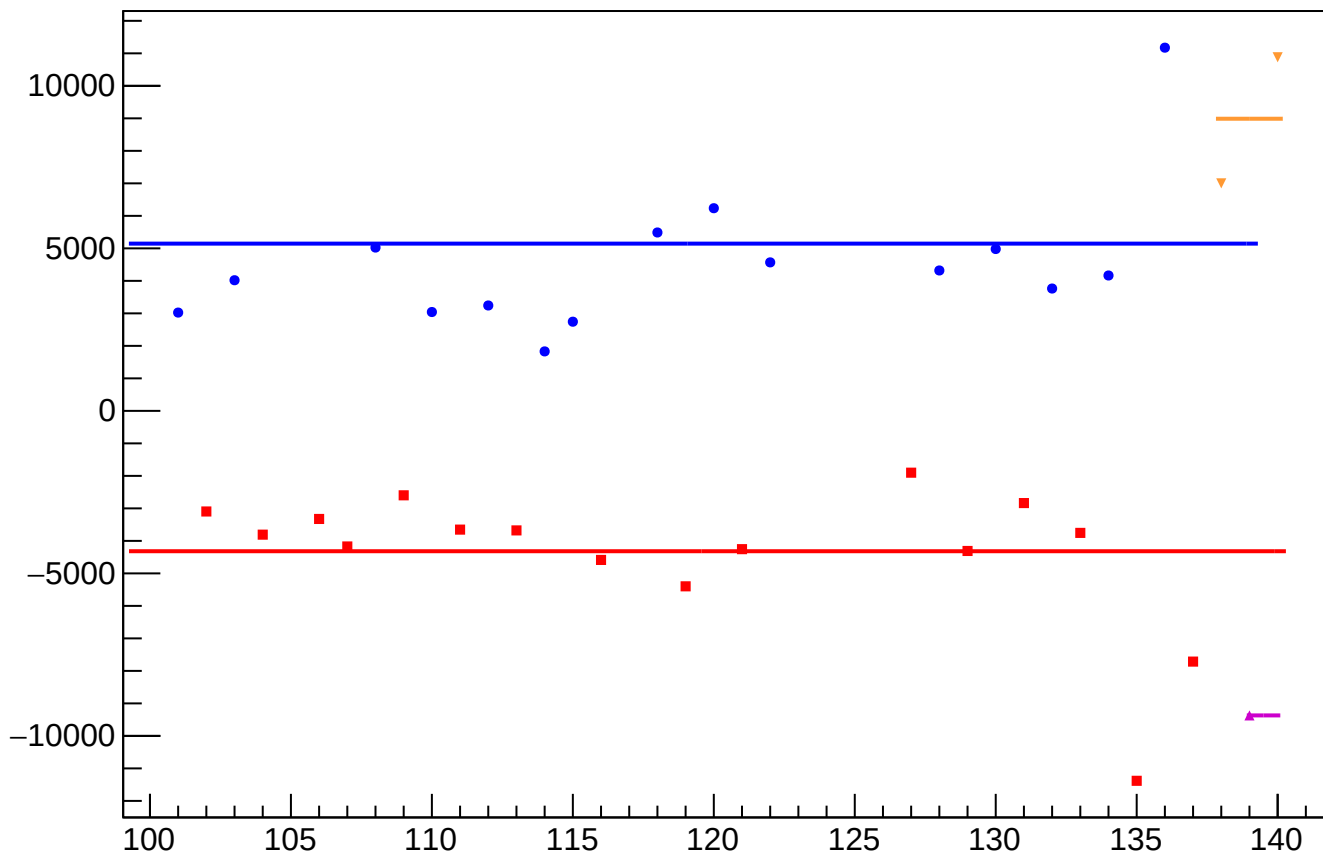
Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -632.495+/-0.000 χ^2/NDF : 558517070393855

All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 5145.657+/-0.000

χ^2/NDF : 4272867262459372237810540195851662262272.0/14

Left Out: 8988.140+/-0.000

χ^2/NDF : 601595433134448968927716680936005304320.0/1

Right Out: -4318.126+/-0.000

χ^2/NDF : 3345176554564755427312533888908526616576.0/15

Left In: -9369.597+/-0.000

χ^2/NDF : 0.0/0

Left: 2818.112+/-0.000

χ^2/NDF : 187244349554842

Right: 349.044+/-0.000

χ^2/NDF : 370788219703753

In: 3535.060+/-0.000

χ^2/NDF : 1944533172919062

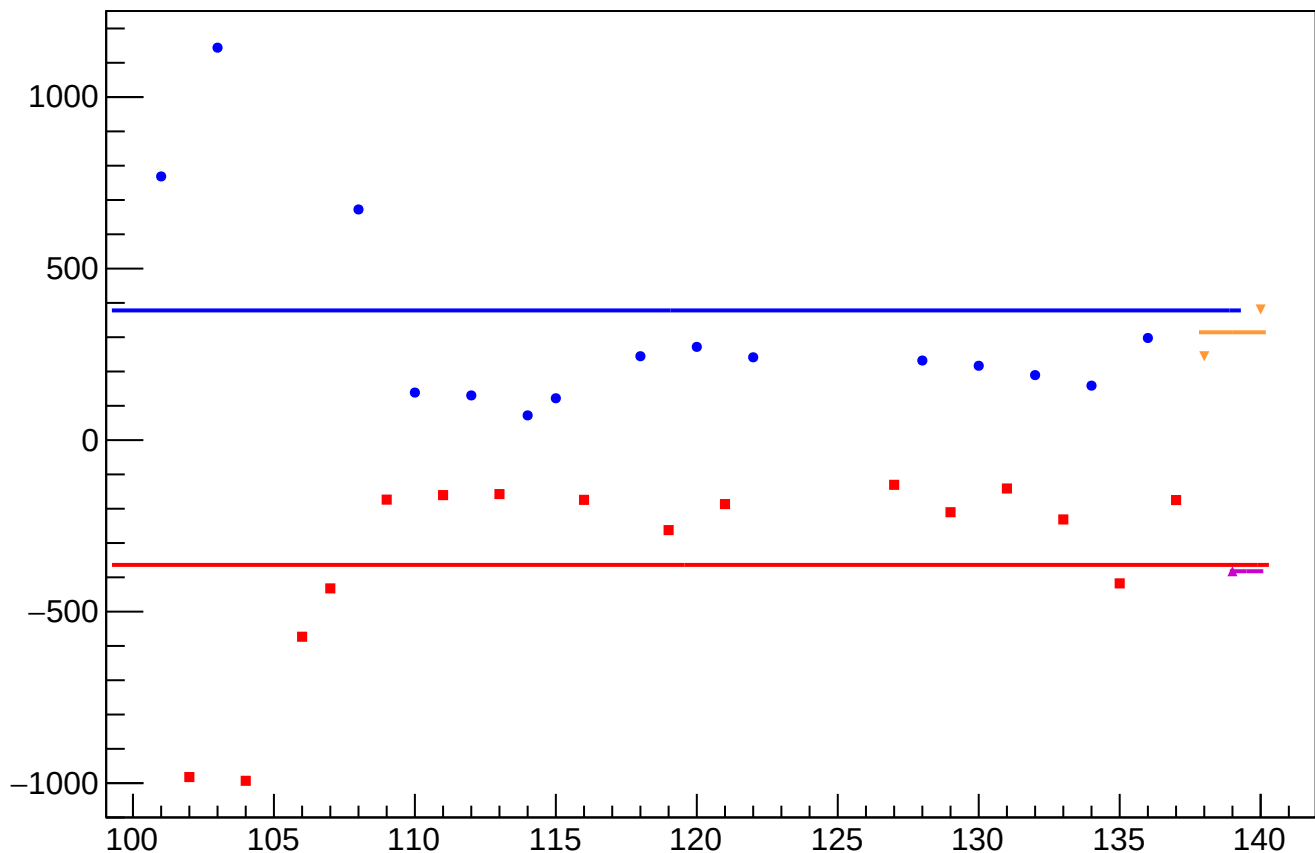
Out: -1743.758+/-0.000

χ^2/NDF : 26795010914755

All: 731.218+/-0.000

χ^2/NDF : 570450542547

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 378.052+/-0.000

χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 314.323+/-0.000

χ^2/NDF : 743886475082404223360399425956478976.0/1

Right Out: -363.772+/-0.000

χ^2/NDF : 59031337484709801804181439342706688000.0/15

Left In: -382.235+/-0.000

χ^2/NDF : 0.0/0

Left: 80.210+/-0.000 χ^2/NDF : 26835612276098335

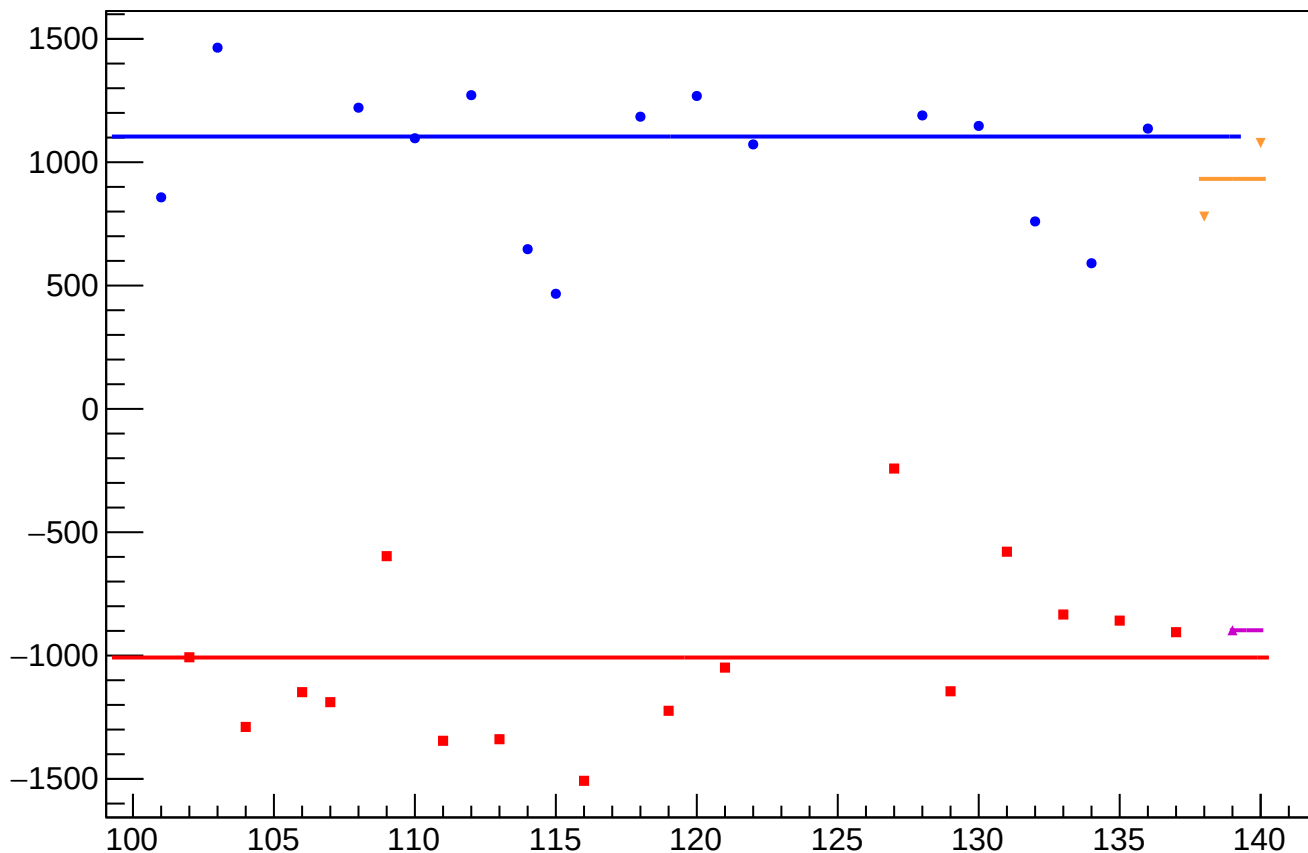
Right: 2.067+/-0.000 χ^2/NDF : 30156387809525658

In: 293.691+/-0.000 χ^2/NDF : 10314236232557158

Out: -232.581+/-0.000 χ^2/NDF : 119111707412509

All: 14.162+/-0.000 χ^2/NDF : 3296433452321

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0

Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843

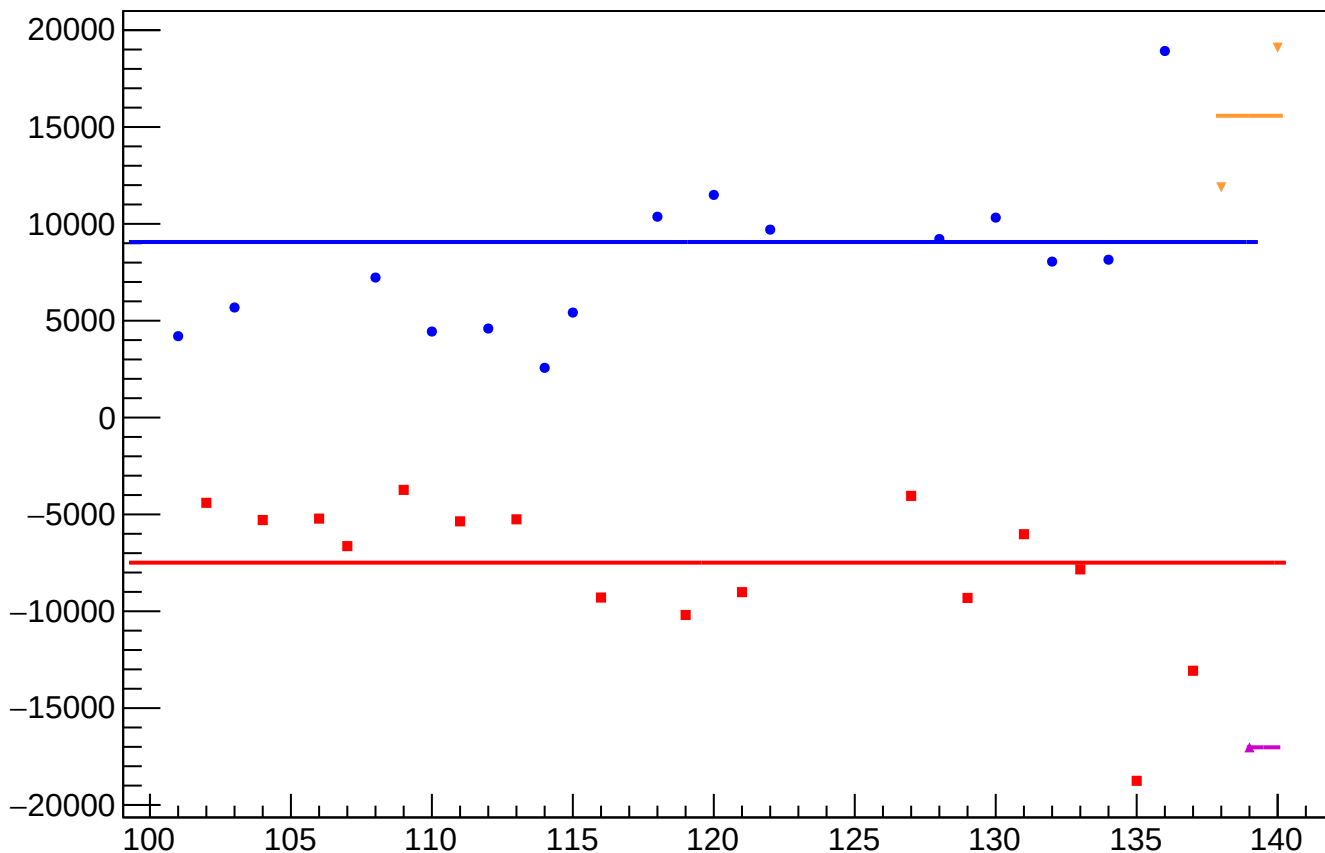
Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -632.495+/-0.000 χ^2/NDF : 558517070393855

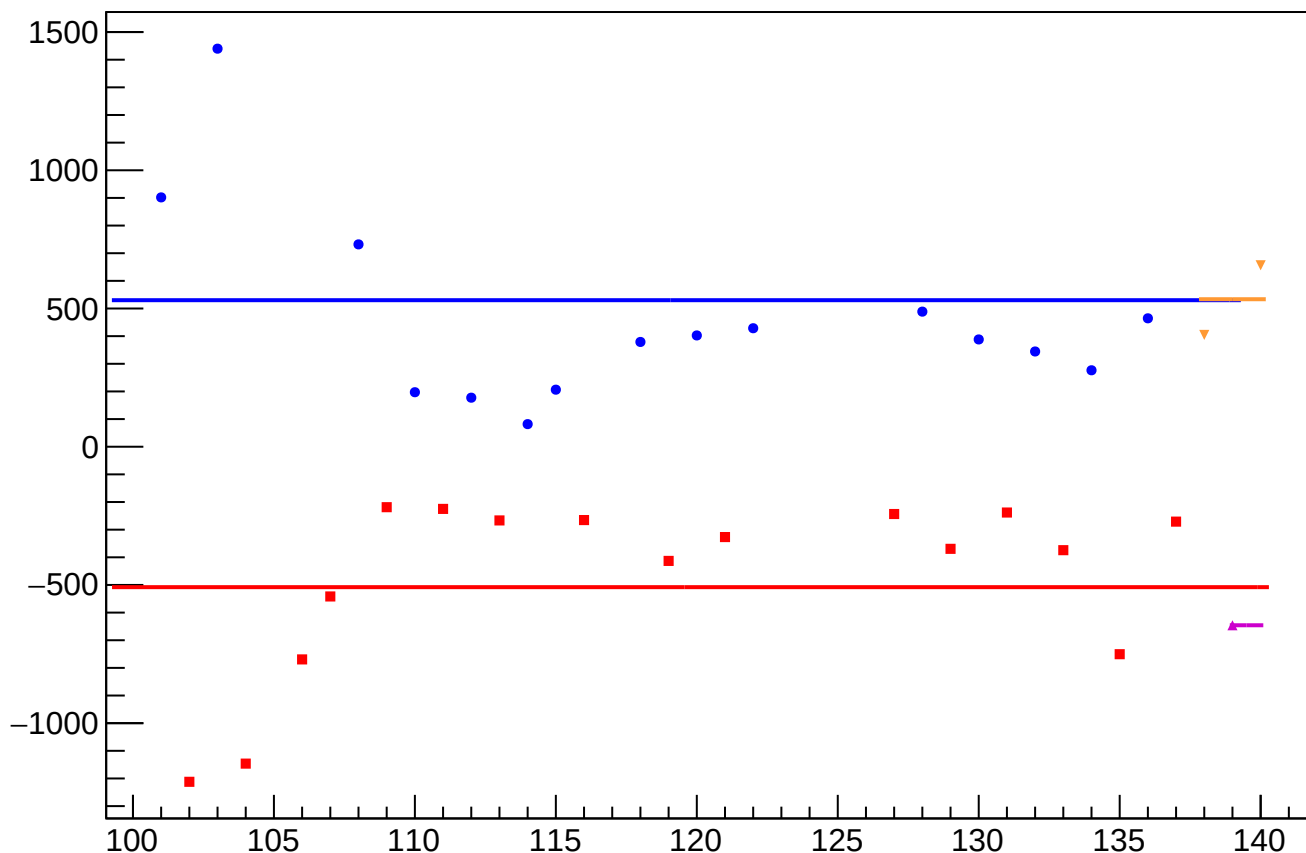
All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 15580.201+/-0.000 χ^2/NDF : 2079201073693615856442586865278488936448.0/1
 Right Out: -7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: -17023.628+/-0.000 χ^2/NDF : 0.0/0
 All: 1284.322+/-0.000 χ^2/NDF : 17627753034

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 530.057+/-0.000

χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 533.546+/-0.000

χ^2/NDF : 2536234423951798448794349030980190208.0/1

Right Out: -507.987+/-0.000

χ^2/NDF : 76689734698308464337881841969555046400.0/15

Left In: -645.820+/-0.000

χ^2/NDF : 0.0/0

Left: 137.162+/-0.000 χ^2/NDF : 7733349827175896

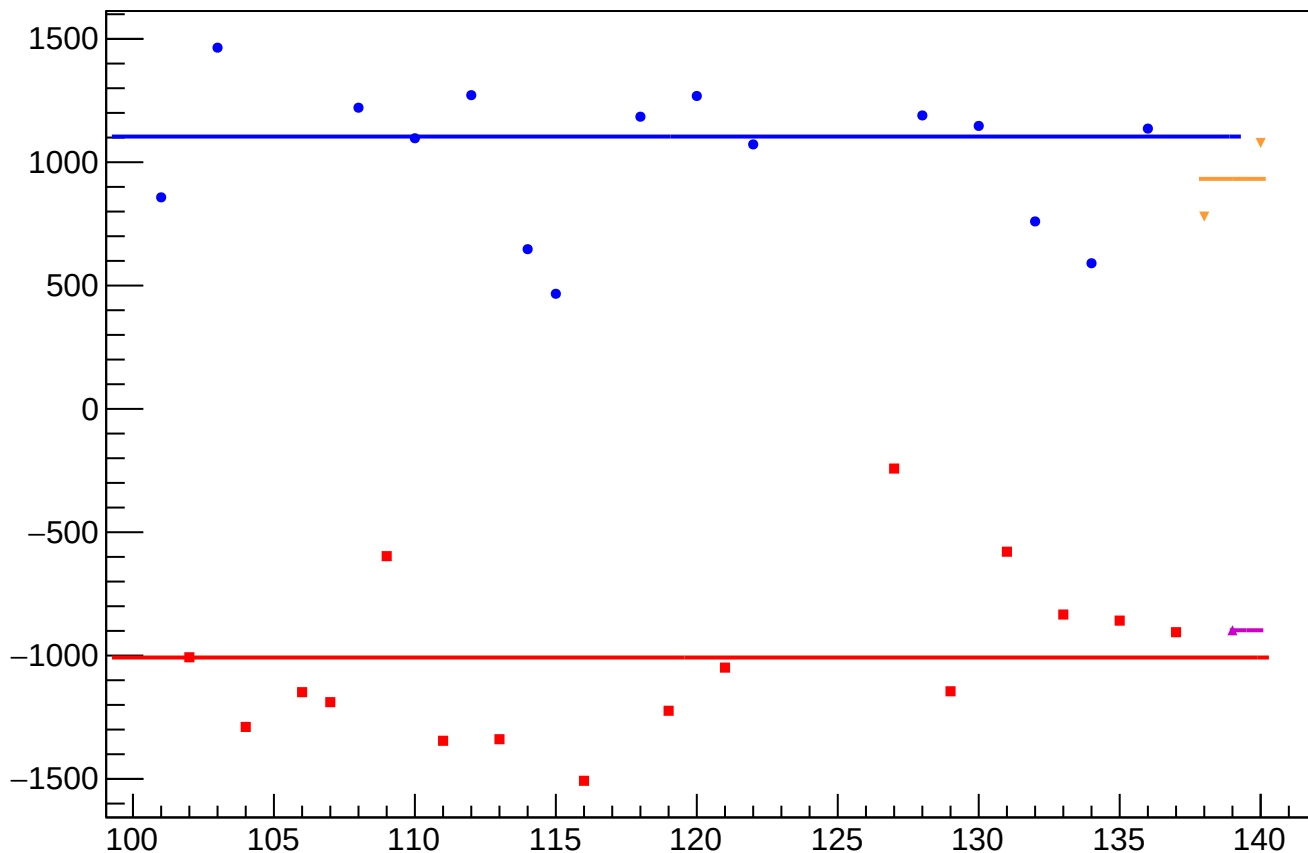
Right: 3.936+/-0.000 χ^2/NDF : 50988723963729126

In: 399.583+/-0.000 χ^2/NDF : 17832528093502075

Out: -306.481+/-0.000 χ^2/NDF : 219212567065606

All: 24.557+/-0.000 χ^2/NDF : 5908361600143

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0

Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843

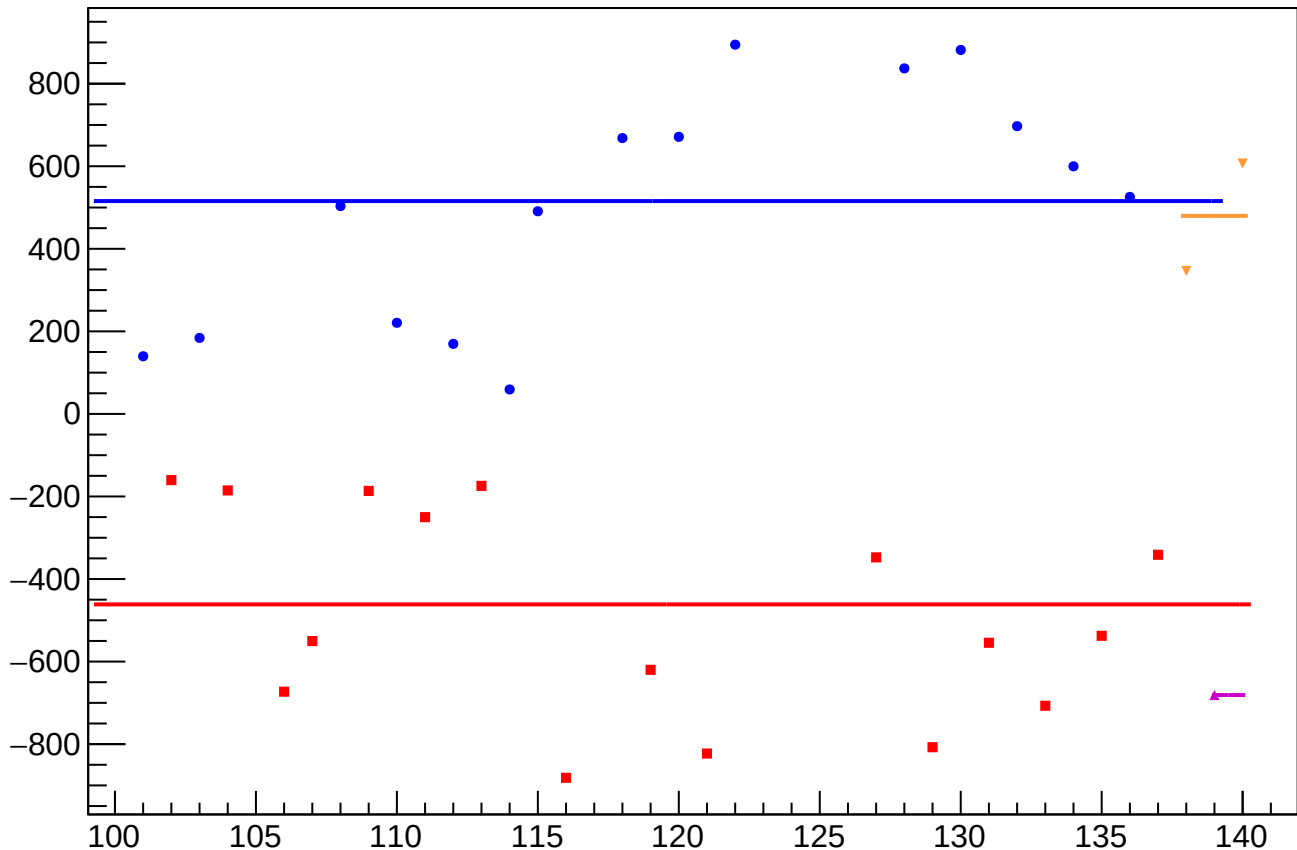
Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -632.495+/-0.000 χ^2/NDF : 558517070393855

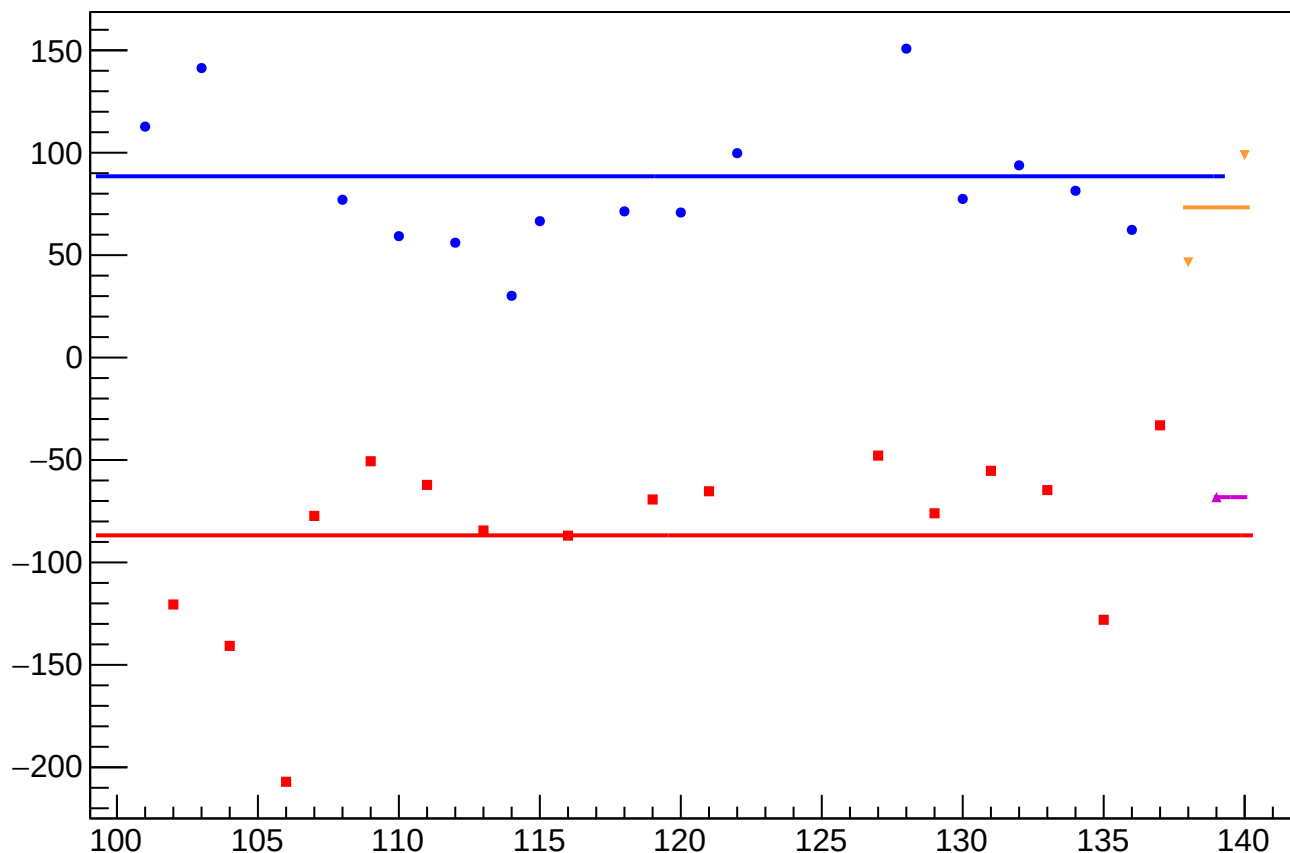
All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 515.635 $\pm$ 0.000 χ^2 /NDF: 48465403420573957292673062371162324992.0/14
 Left Out: 479.770 $\pm$ 0.000 χ^2 /NDF: 2708783651299579140233595141635440640.0/1
 Right Out: -461.497 $\pm$ 0.000 χ^2 /NDF: 40473746660091355928063306884368564224.0/15
 Left In: -681.066 $\pm$ 0.000 χ^2 /NDF: 1046900.5/0
 All: 31.102 $\pm$ 0.000 χ^2 /NDF: 4791557685329

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 88.493+/-0.000

χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 73.309+/-0.000

χ^2/NDF : 109615194337887211975044008838692864.0/1

Right Out: -86.773+/-0.000

χ^2/NDF : 1059206766314086021240525003228708864.0/15

Left In: -68.128+/-0.000

χ^2/NDF : 0.0/0

Left: 25.772+/-0.000 χ^2/NDF : 11853683966878473

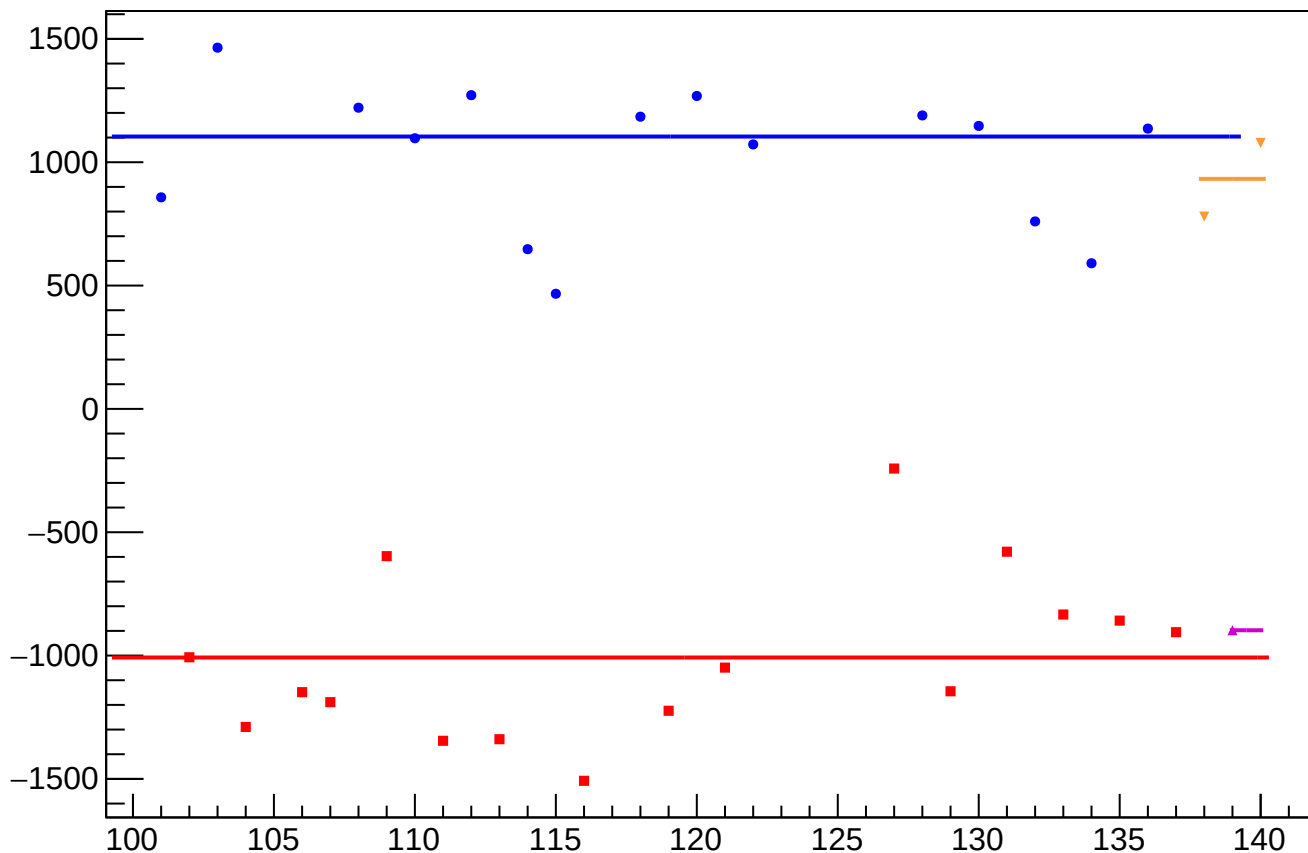
Right: -0.339+/-0.000 χ^2/NDF : 1180687368969666

In: 71.115+/-0.000 χ^2/NDF : 240969870939726362

Out: -55.802+/-0.000 χ^2/NDF : 4475771065139964

All: 3.703+/-0.000 χ^2/NDF : 13131119251655

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0

Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843

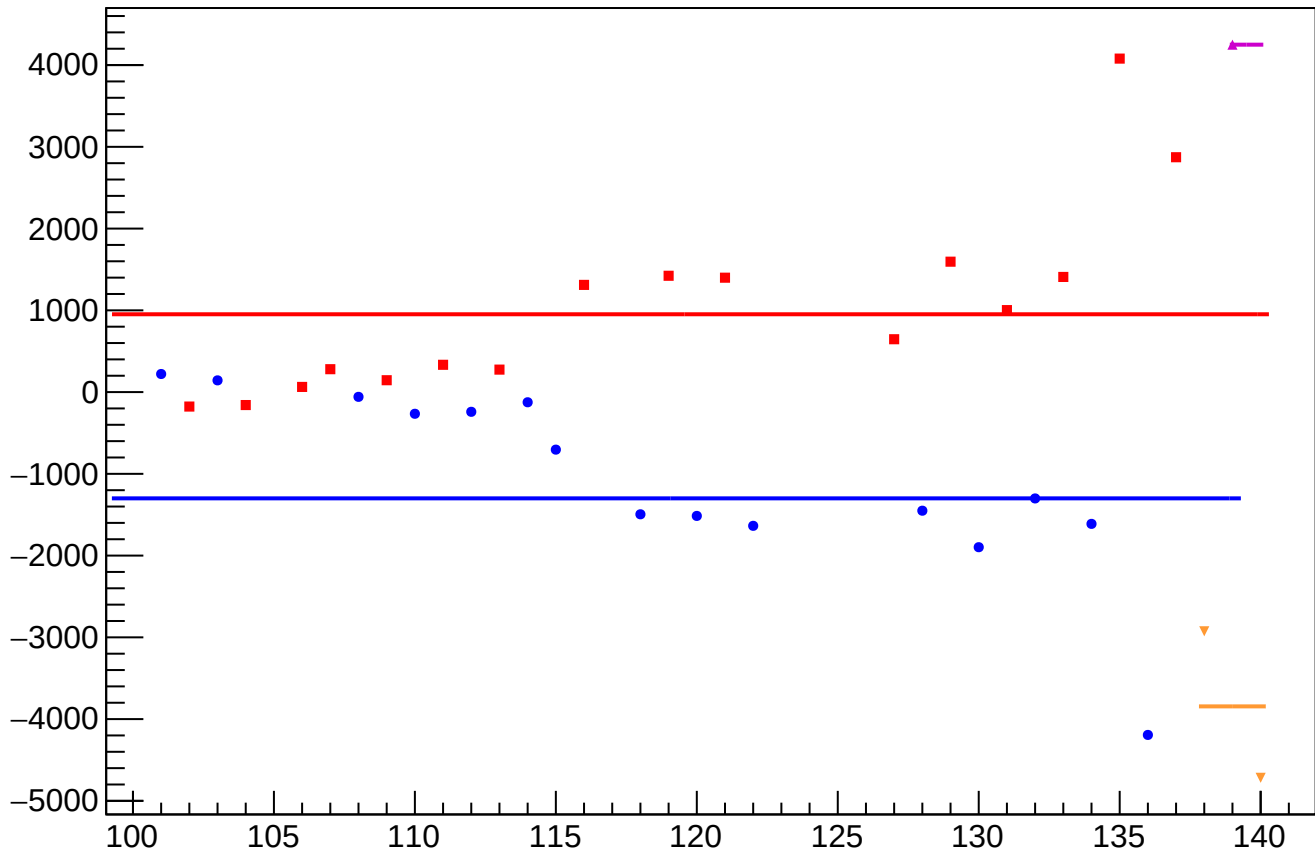
Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -632.495+/-0.000 χ^2/NDF : 558517070393855

All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000

Left Out: -3844.476+/-0.000

Right Out: 951.903+/-0.000

Left In: 4249.613+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

χ^2/NDF : 128364657837551766433852052325745557504.0/1

χ^2/NDF : 841314696863657044174468284217089327104.0/15

χ^2/NDF : 0.0/0

Left: -1124.056+/-0.000 χ^2/NDF : 36514557495679

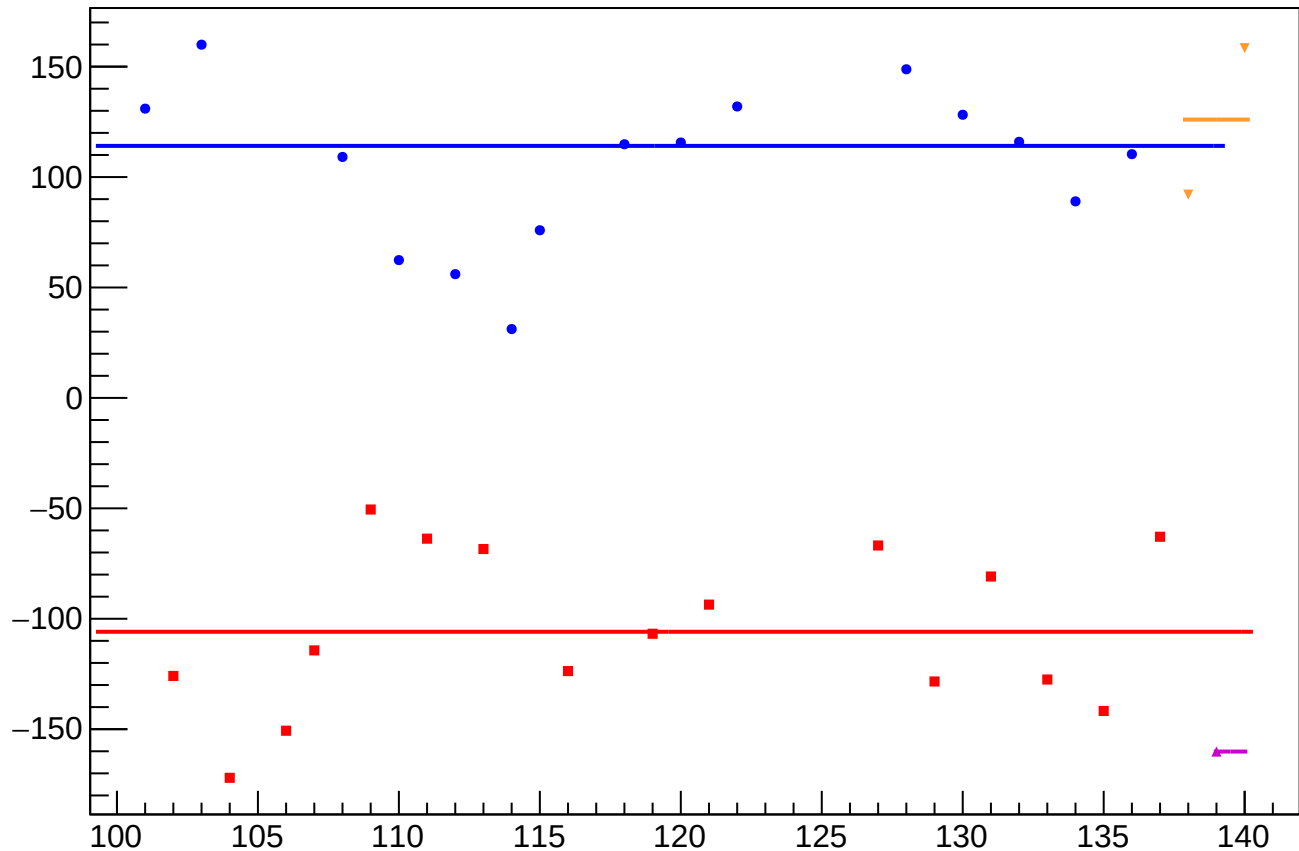
Right: -158.600+/-0.000 χ^2/NDF : 37088904648604

In: -684.135+/-0.000 χ^2/NDF : 3417422548480498

Out: 23.946+/-0.000 χ^2/NDF : 39383860508846150

All: -308.038+/-0.000 χ^2/NDF : 75502129826

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 114.118+/-0.000

χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 126.022+/-0.000

χ^2/NDF : 175745717928625321632199527620411392.0/1

Right Out: -105.890+/-0.000

χ^2/NDF : 851861355270591521058611007535972352.0/15

Left In: -160.128+/-0.000

χ^2/NDF : 0.0/0

Left: 29.847+/-0.000 χ^2/NDF : 45790223267347652

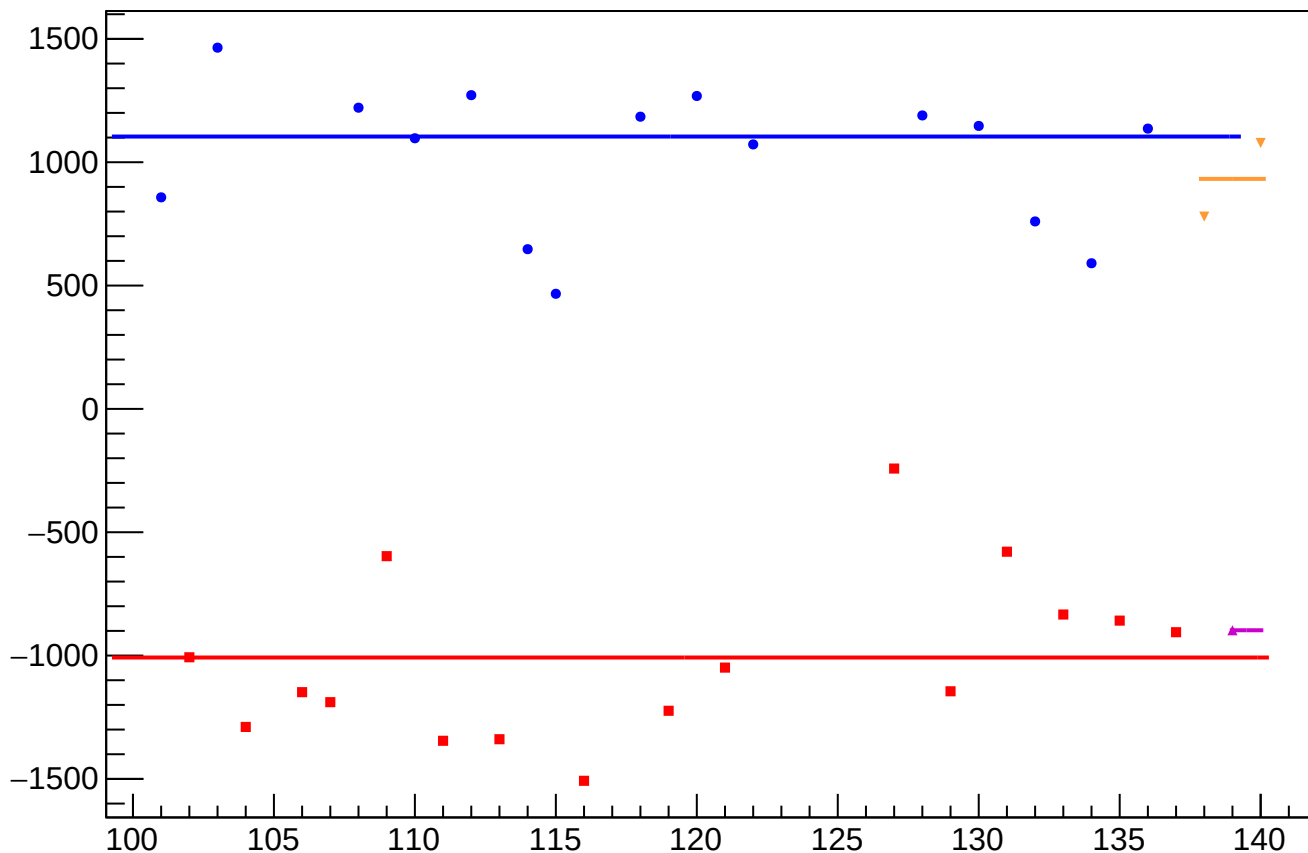
Right: 2.610+/-0.000 χ^2/NDF : 17380785718088446

In: 83.688+/-0.000 χ^2/NDF : 602333611730419216

Out: -61.022+/-0.000 χ^2/NDF : 7968020103556002

All: 6.826+/-0.000 χ^2/NDF : 22110927570129

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0

Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843

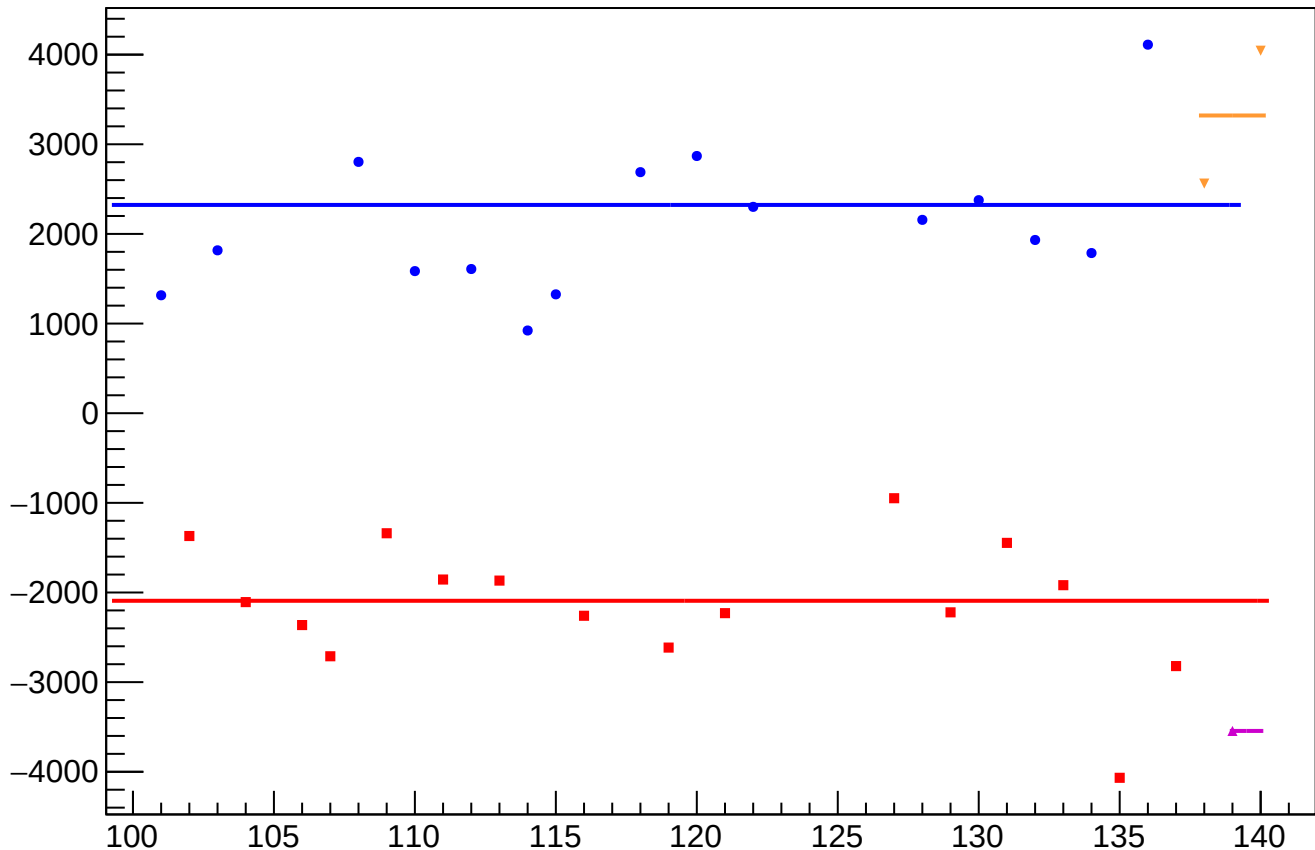
Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -632.495+/-0.000 χ^2/NDF : 558517070393855

All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 2323.372+/-0.000

χ^2/NDF : 476371189888349375964725620757728591872.0/14

Left Out: 3321.102+/-0.000

χ^2/NDF : 87826002216574871741452775627551670272.0/1

Right Out: -2092.458+/-0.000

χ^2/NDF : 367126080872166122663684022473339174912.0/15

Left In: -3544.305+/-0.000

χ^2/NDF : 0.0/0

Left: 1013.642+/-0.000 χ^2/NDF : 262249121710557

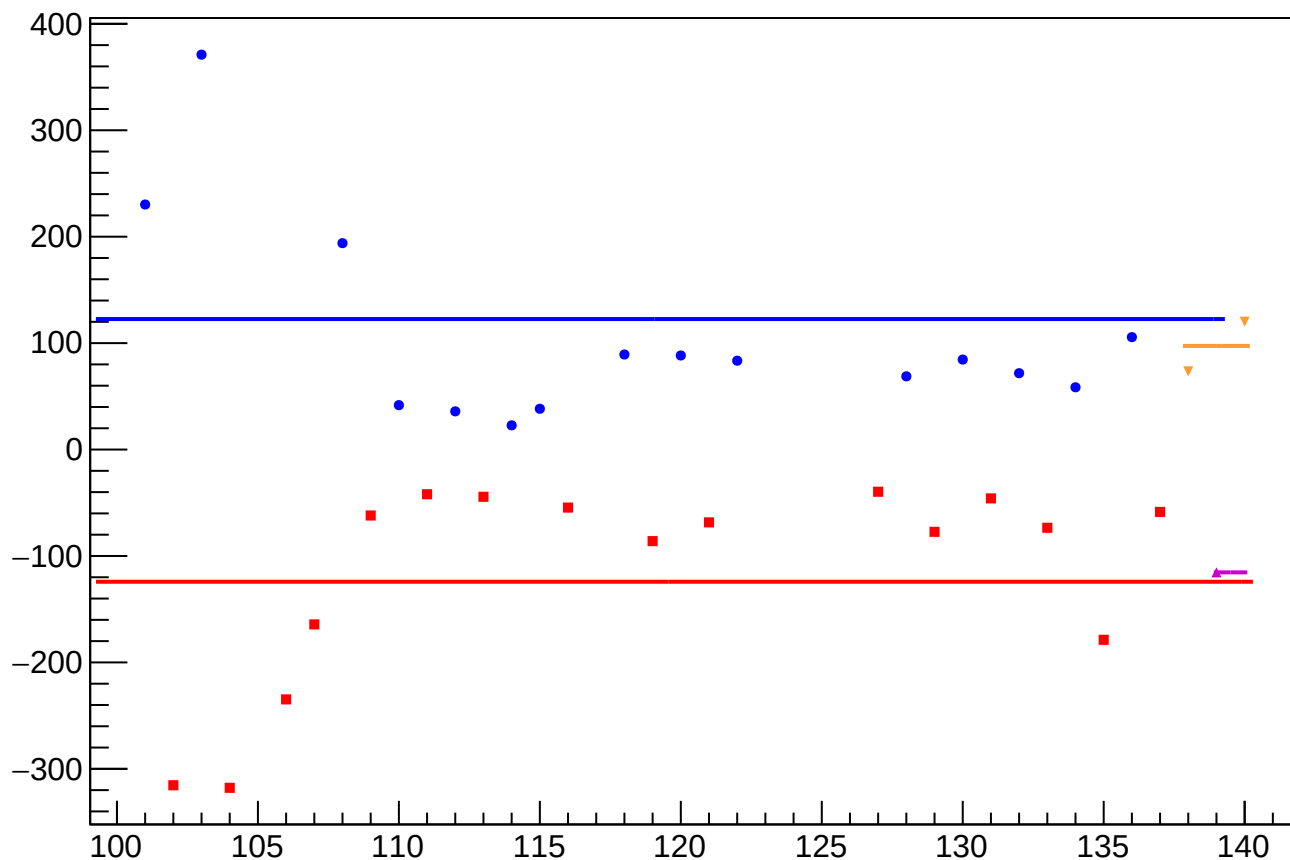
Right: 85.258+/-0.000 χ^2/NDF : 7257650695936348

In: 1672.301+/-0.000 χ^2/NDF : 2955729345752453

Out: -1045.094+/-0.000 χ^2/NDF : 42368194848612

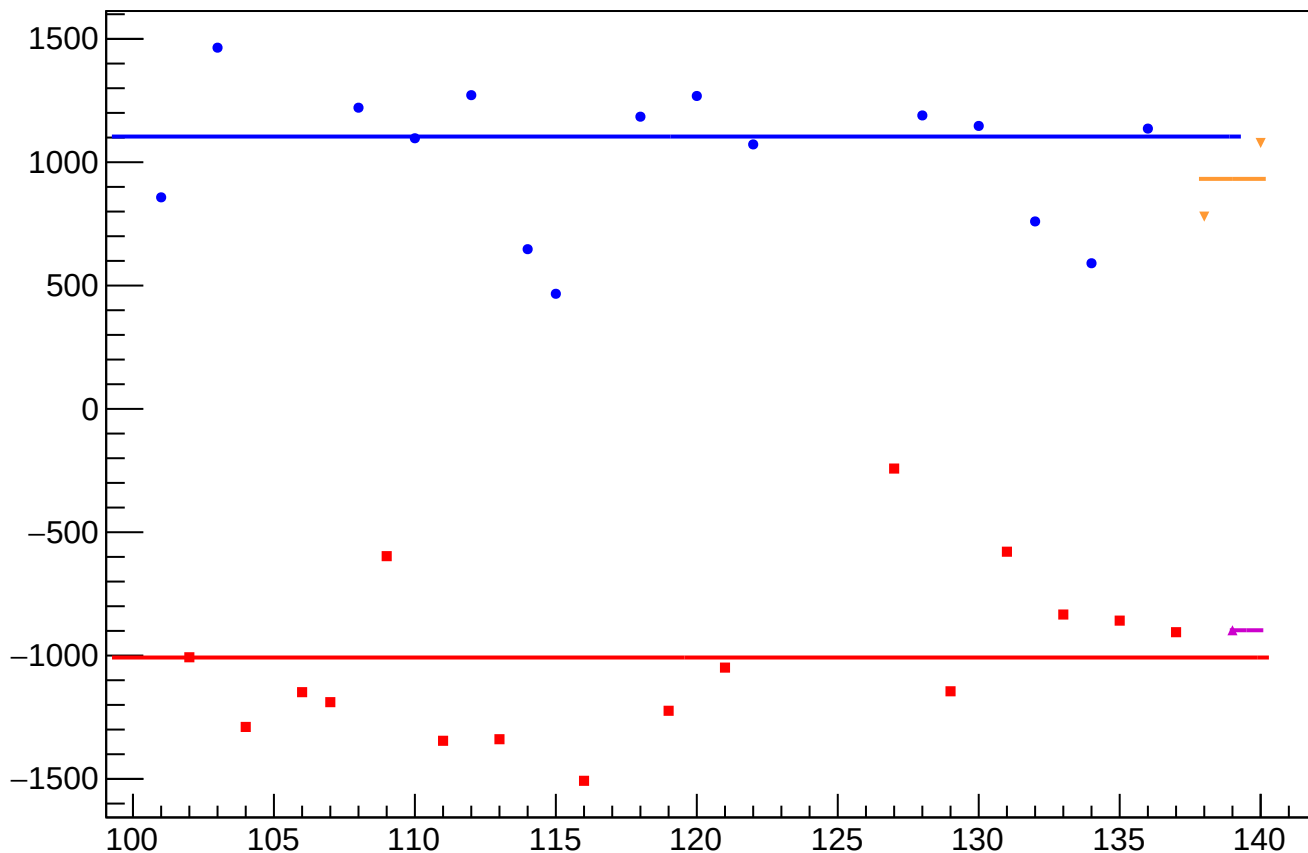
All: 228.957+/-0.000 χ^2/NDF : 100557077023

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Left: 25.852+/-0.000 χ^2/NDF : 25213514066757942
 Right: -2.485+/-0.000 χ^2/NDF : 3252911350198687
 Left Out: 97.360+/-0.000 χ^2/NDF : 87142633040322211481272709390794752.0/1
 In: 96.212+/-0.000 χ^2/NDF : 100172581101974712
 Right Out: -124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15
 Out: -81.348+/-0.000 χ^2/NDF : 1297234338427233
 Left In: -115.398+/-0.000 χ^2/NDF : 16357.8/0
 All: 1.901+/-0.000 χ^2/NDF : 35214032294372

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000

χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000

χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000

χ^2/NDF : 0.0/0

Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843

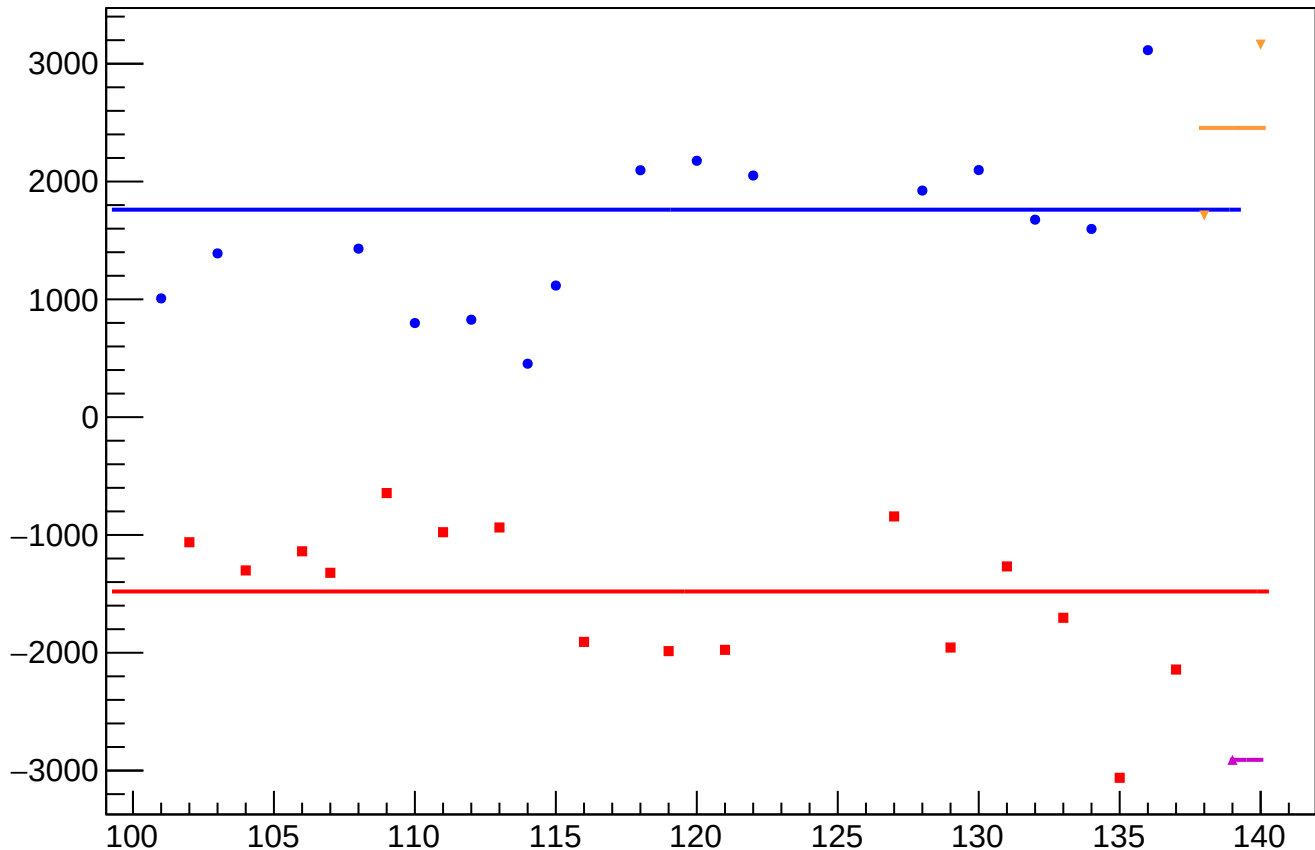
Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -632.495+/-0.000 χ^2/NDF : 558517070393855

All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1761.245+/-0.000

χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 2455.065+/-0.000

χ^2/NDF : 84011286647387940766846241707544018944.0/1

Right Out: -1479.801+/-0.000

χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: -2908.864+/-0.000

χ^2/NDF : 0.0/0

Left: 652.251+/-0.000 χ^2/NDF : 1631238099243306

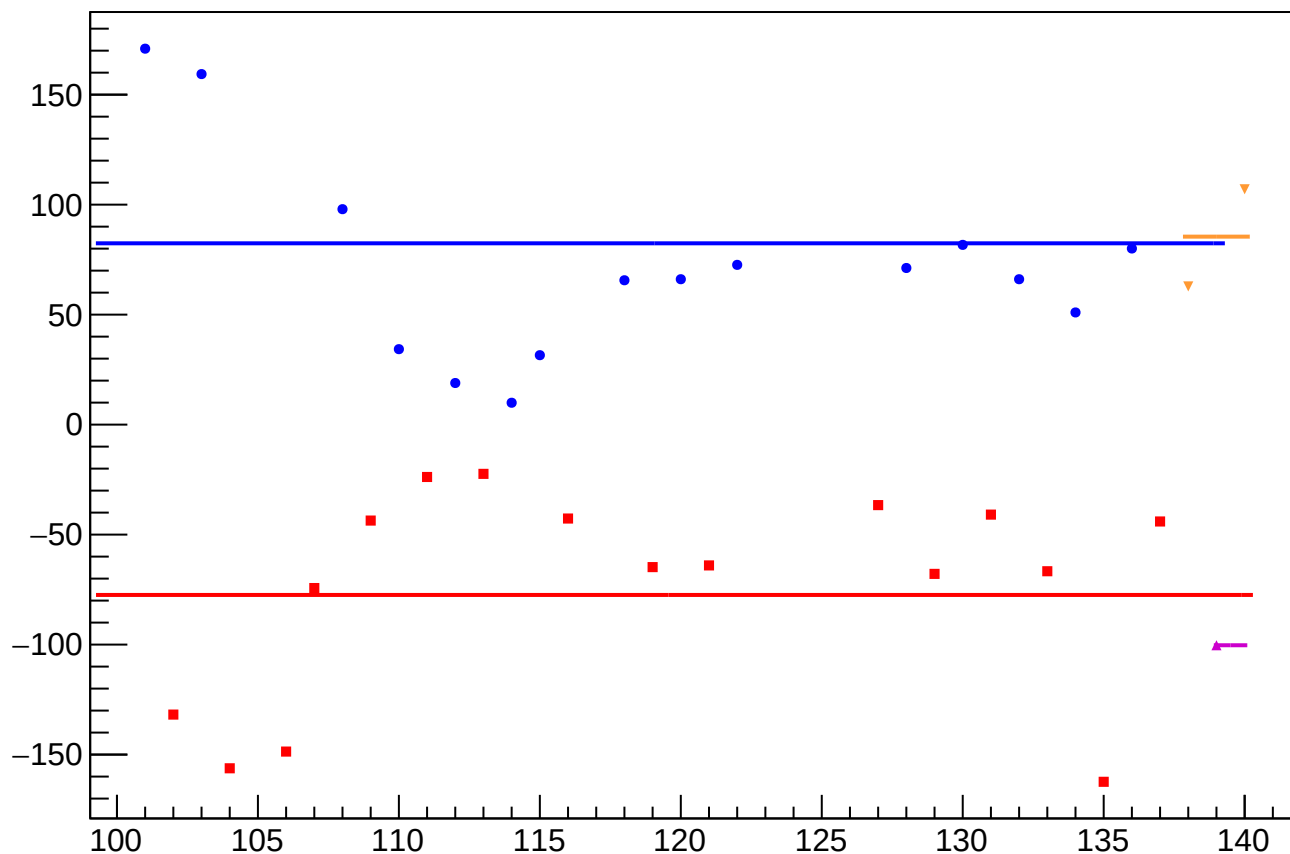
Right: 118.557+/-0.000 χ^2/NDF : 405096794129398

In: 1243.055+/-0.000 χ^2/NDF : 190278963557033

Out: -718.521+/-0.000 χ^2/NDF : 234550061917004

All: 201.165+/-0.000 χ^2/NDF : 574022487323

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 82.422+/-0.000

χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 85.456+/-0.000

χ^2/NDF : 77958685738697009734886443144183808.0/1

Right Out: -77.430+/-0.000

χ^2/NDF : 1515456409368458038568290276111024128.0/15

Left In: -100.299+/-0.000

χ^2/NDF : 0.0/0

Left: 23.024+/-0.000 χ^2/NDF : 19334974451663265

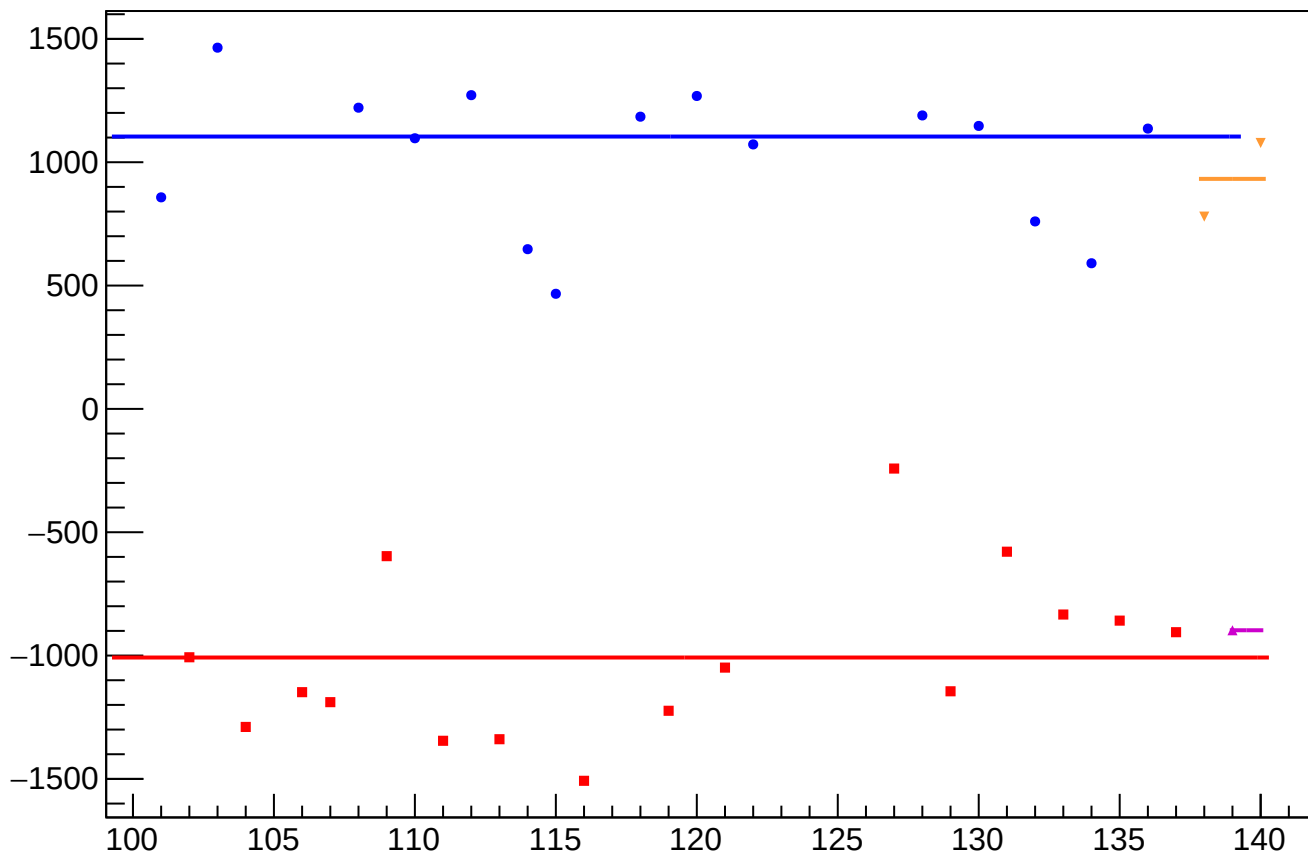
Right: 1.403+/-0.000 χ^2/NDF : 11184350671309506

In: 62.148+/-0.000 χ^2/NDF : 366790270986010960

Out: -45.916+/-0.000 χ^2/NDF : 5017229061597308

All: 4.749+/-0.000 χ^2/NDF : 13213072974152

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 932.500+/-0.000 χ^2/NDF : 3563332707942458918492327433839050752.0/1

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0

Left: 317.469+/-0.000 χ^2/NDF : 1836353331689843

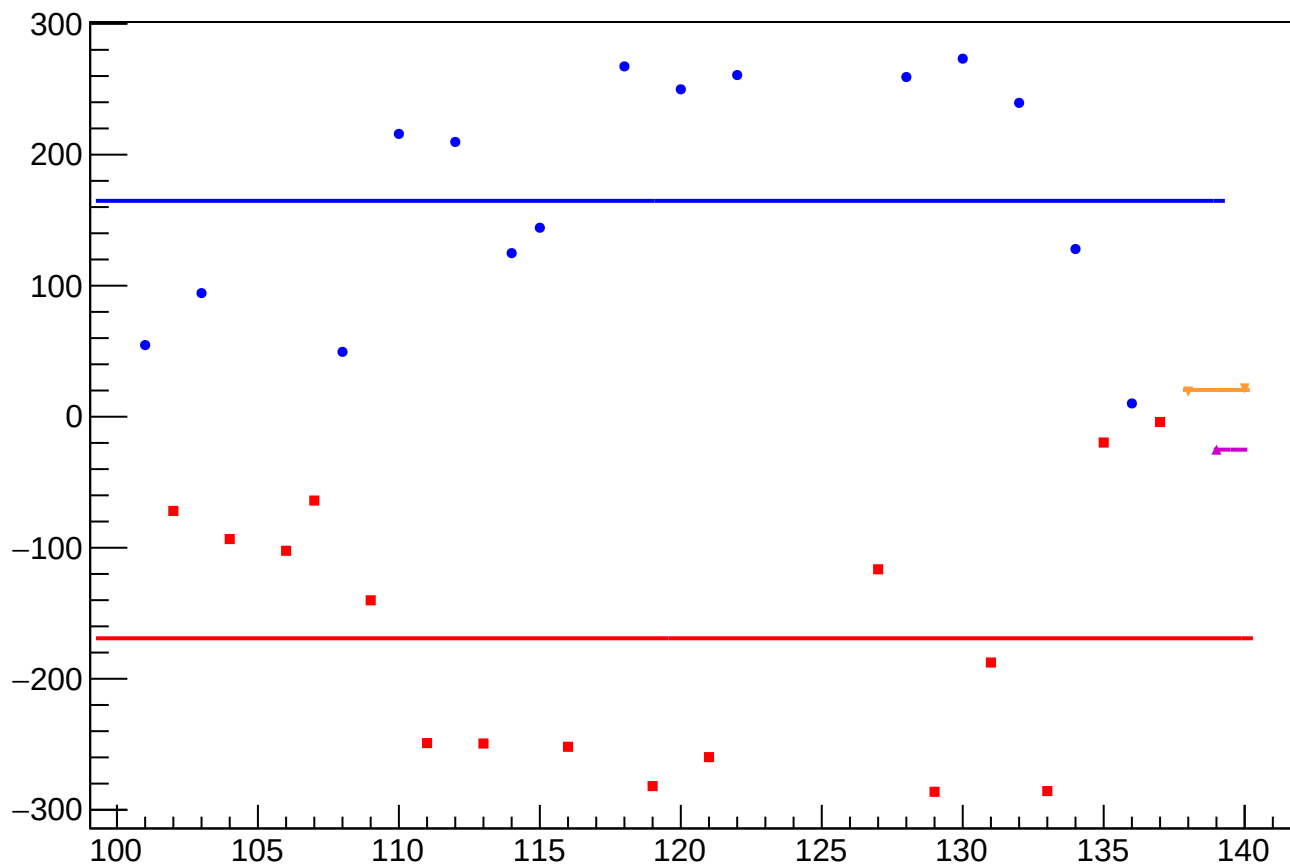
Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -632.495+/-0.000 χ^2/NDF : 558517070393855

All: 77.588+/-0.000 χ^2/NDF : 1769125794799

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 20.415+/-0.000 χ^2/NDF : 233061776065513037288530153308160.0/1

Right Out: -169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: -25.139+/-0.000 χ^2/NDF : 1022.4/0

Left: 5.105+/-0.000 χ^2/NDF : 111825864902891770

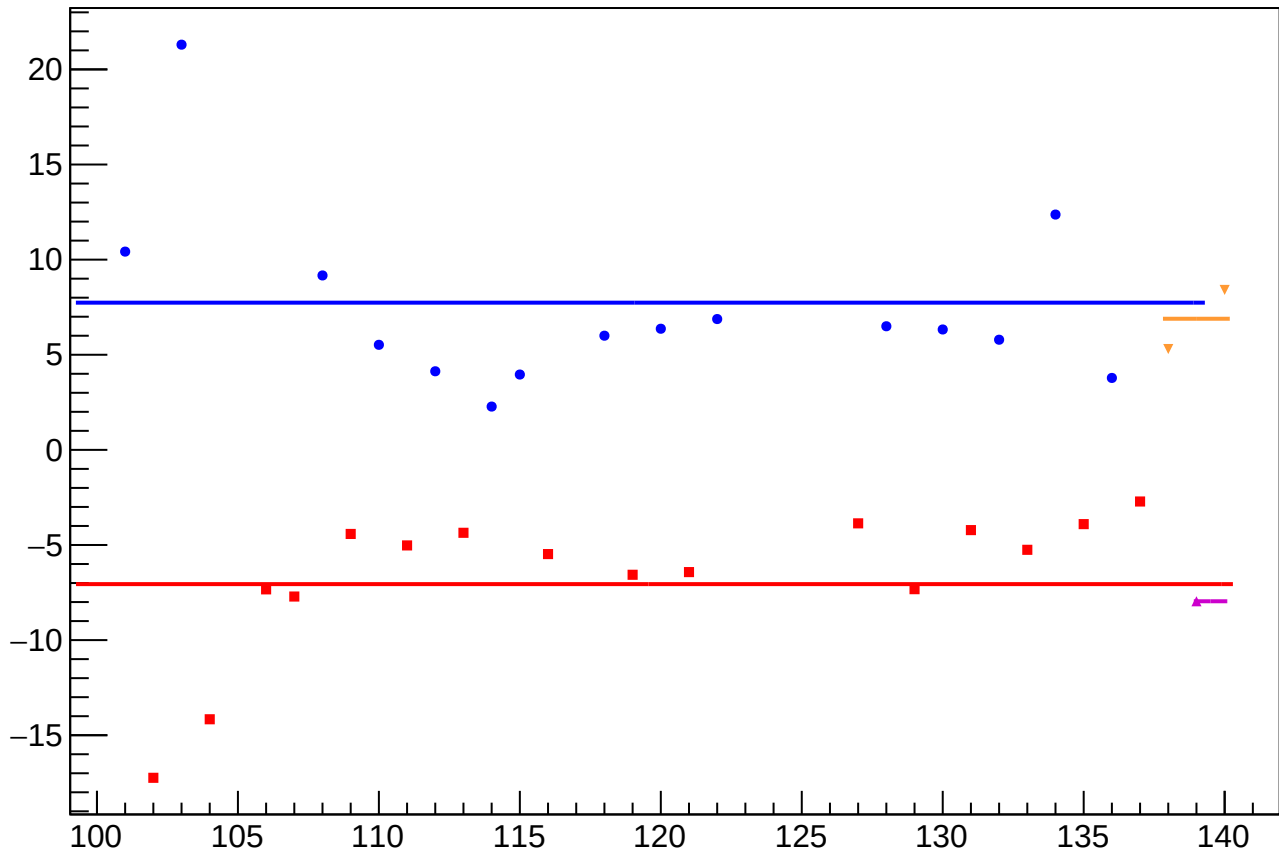
Right: -4.461+/-0.000 χ^2/NDF : 4907468178563624

In: 143.682+/-0.000 χ^2/NDF : 8966471997036898

Out: -132.440+/-0.000 χ^2/NDF : 106760943068748

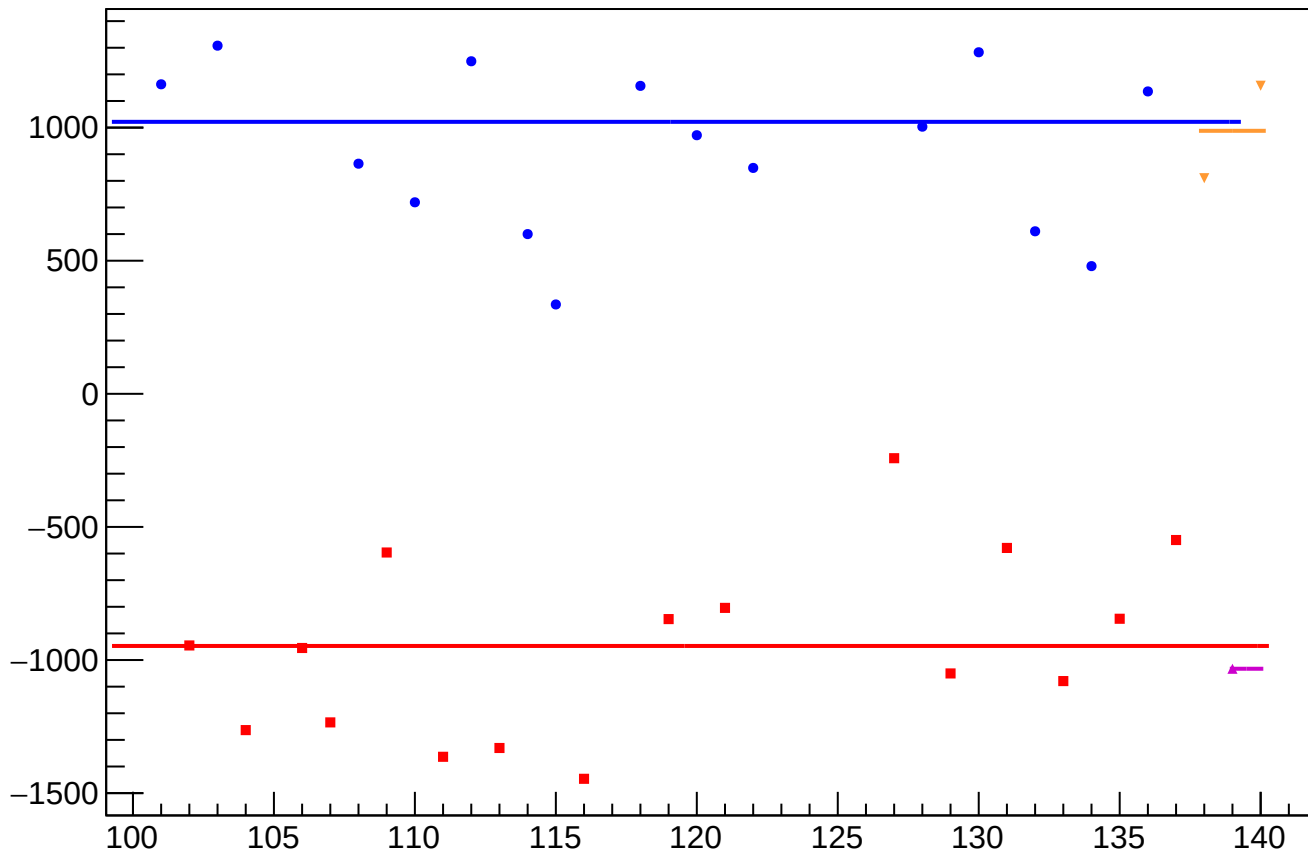
All: -2.980+/-0.000 χ^2/NDF : 4920514656536

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



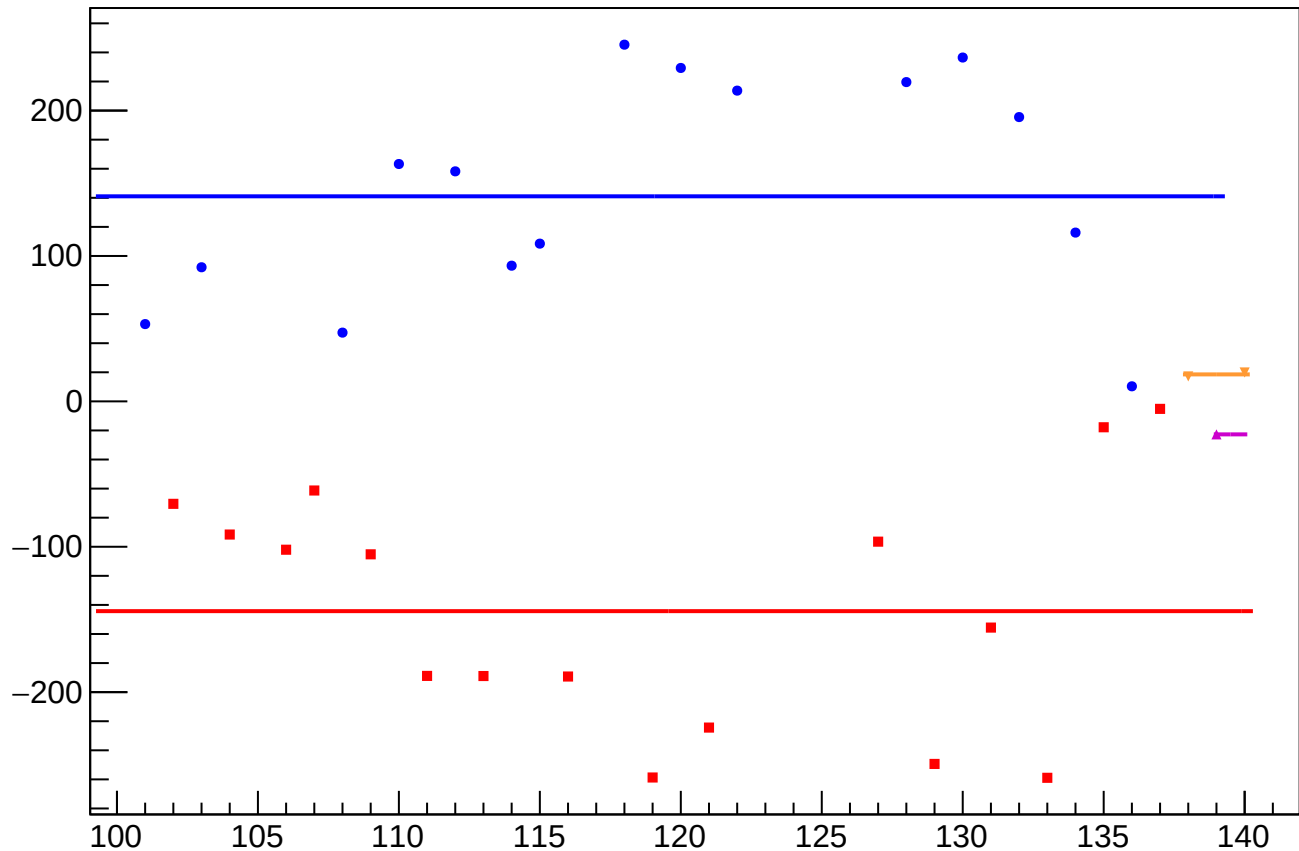
Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 6.893+/-0.000 χ^2/NDF : 385870273928839395514398636244992.0/1
 Right Out: -7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: -7.959+/-0.000 χ^2/NDF : 0.0/0
 All: 0.497+/-0.000 χ^2/NDF : 11123416063436

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 987.975+/-0.000 χ^2/NDF : 4822184975672300177523512052558069760.0/1
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1032.741+/-0.000 χ^2/NDF : 4187601.9/0
 All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 141.032+/-0.000

χ^2/NDF : 4507992585512923332587415612245934080.0/14

Left Out: 18.550+/-0.000

χ^2/NDF : 297677914231553483778660560273408.0/1

Right Out: -144.283+/-0.000

χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: -22.702+/-0.000

χ^2/NDF : 0.0/0

Left: 4.685+/-0.000 χ^2/NDF : 918117240099851975

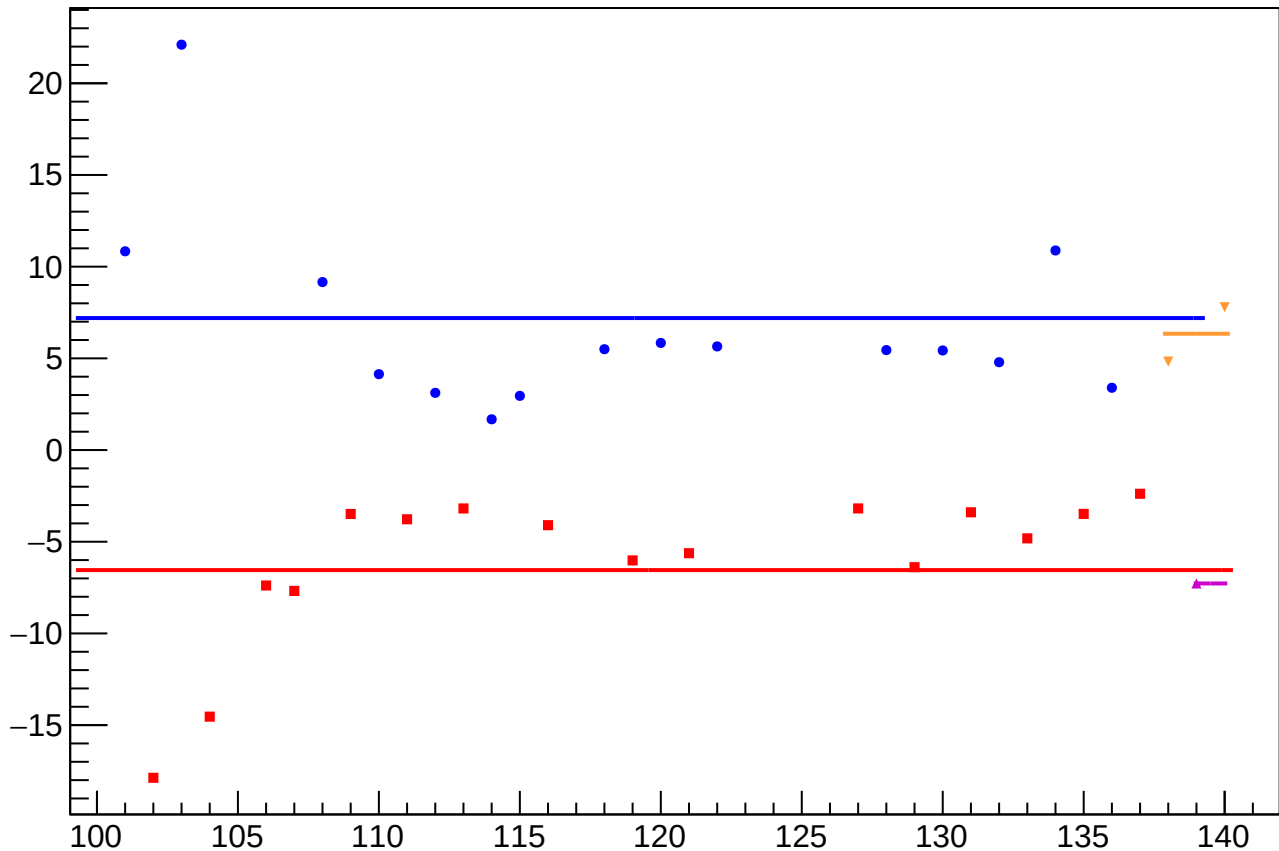
Right: -3.577+/-0.000 χ^2/NDF : 3555338643006251

In: 122.864+/-0.000 χ^2/NDF : 6438528609055874

Out: -112.780+/-0.000 χ^2/NDF : 769021520666117

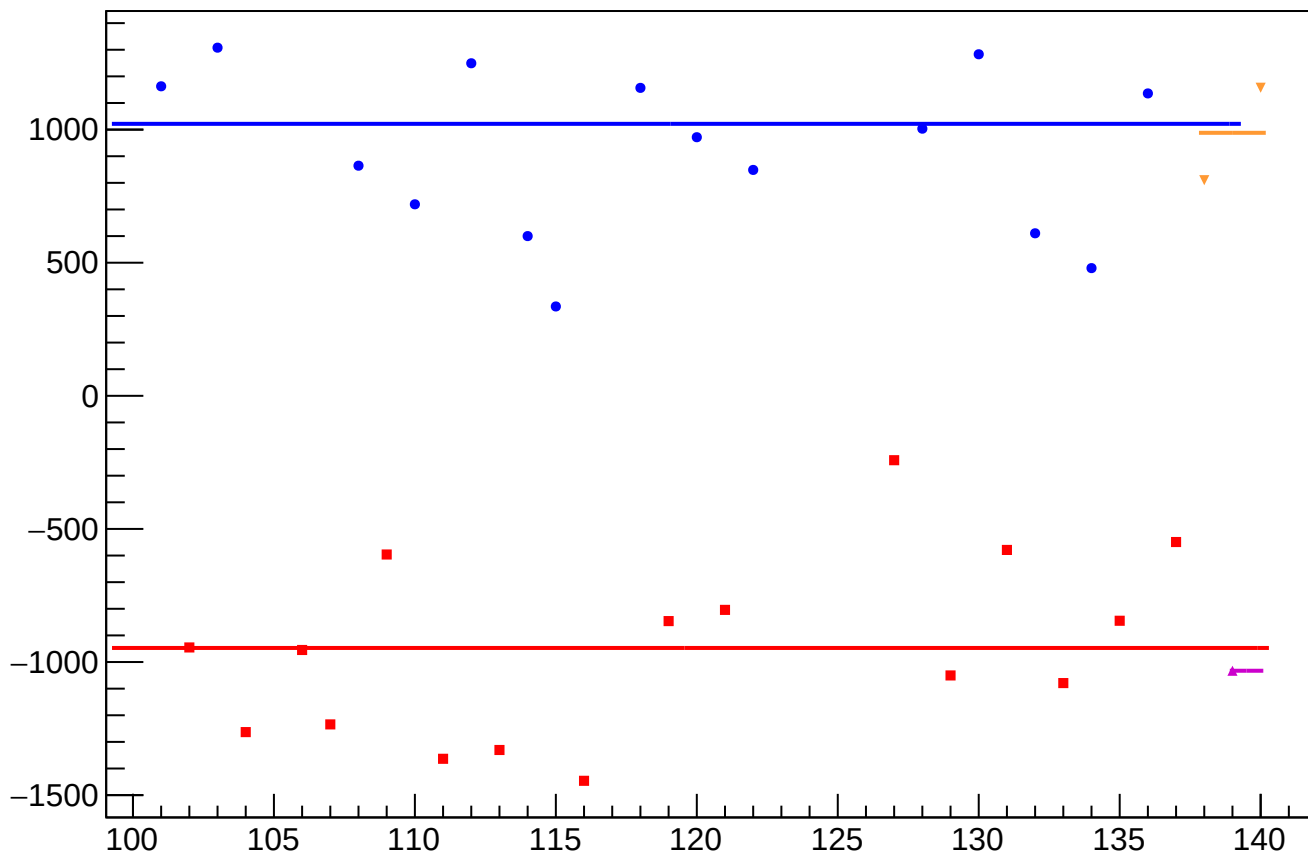
All: -2.298+/-0.000 χ^2/NDF : 3565910379124

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



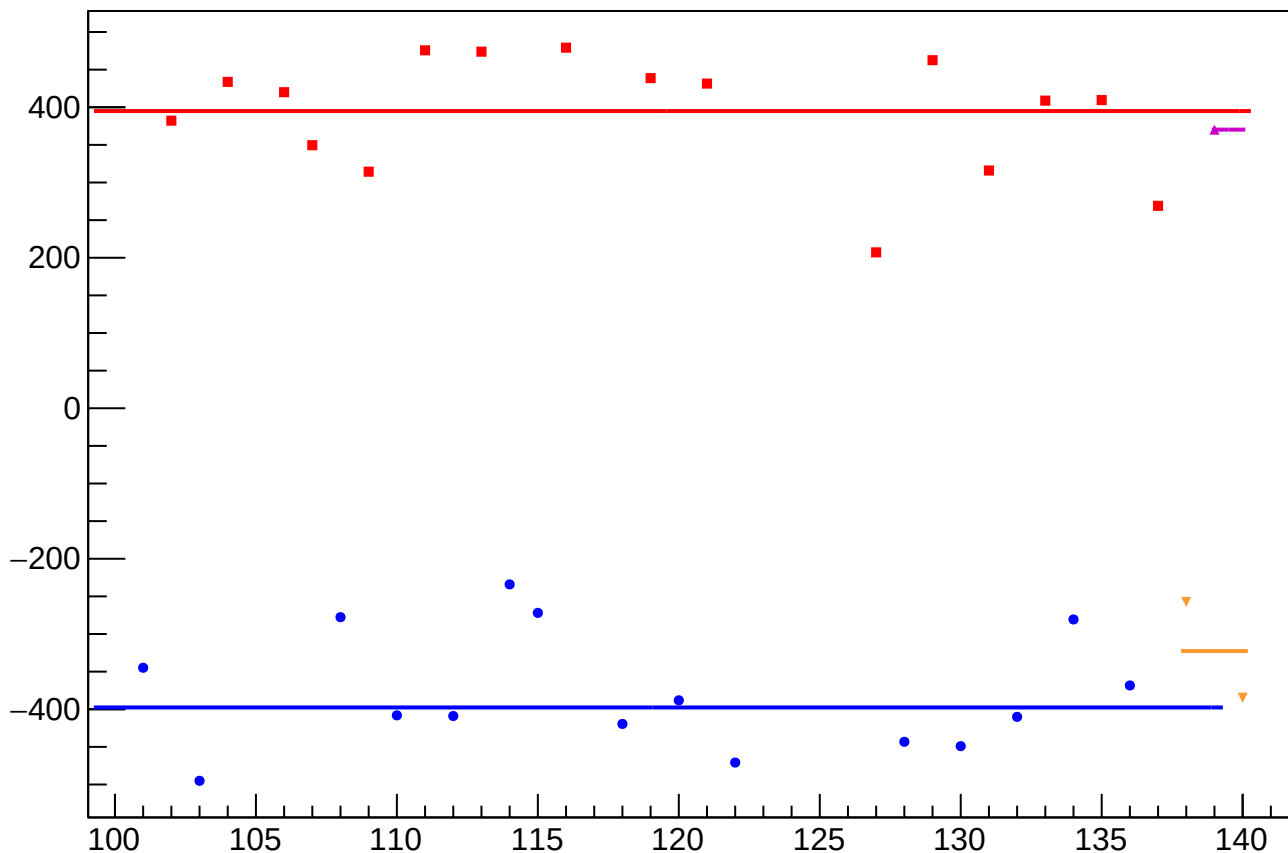
Right In: 7.198 $\pm$ 0.000 χ^2 /NDF: 18212640728502785337831966963138560.0/14
 Left Out: 6.342 $\pm$ 0.000 χ^2 /NDF: 351263247323726519587229019406336.0/1
 Right Out: -6.547 $\pm$ 0.000 χ^2 /NDF: 14078912505116068936230809834094592.0/15
 Left In: -7.276 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.469 $\pm$ 0.000 χ^2 /NDF: 10523314994814

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 987.975+/-0.000 χ^2/NDF : 4822184975672300177523512052558069760.0/1
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1032.741+/-0.000 χ^2/NDF : 4187601.9/0
 All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000

Left Out: -322.642+/-0.000

Right Out: 394.973+/-0.000

Left In: 370.269+/-0.000

χ^2/NDF : 2661280785384633207096106229474263040.0/14

χ^2/NDF : 647650969007018243510647801904103424.0/1

χ^2/NDF : 3685595513427183501596165280874102784.0/15

χ^2/NDF : 0.0/0

Left: -89.755+/-0.000 χ^2/NDF : 2646685257704273

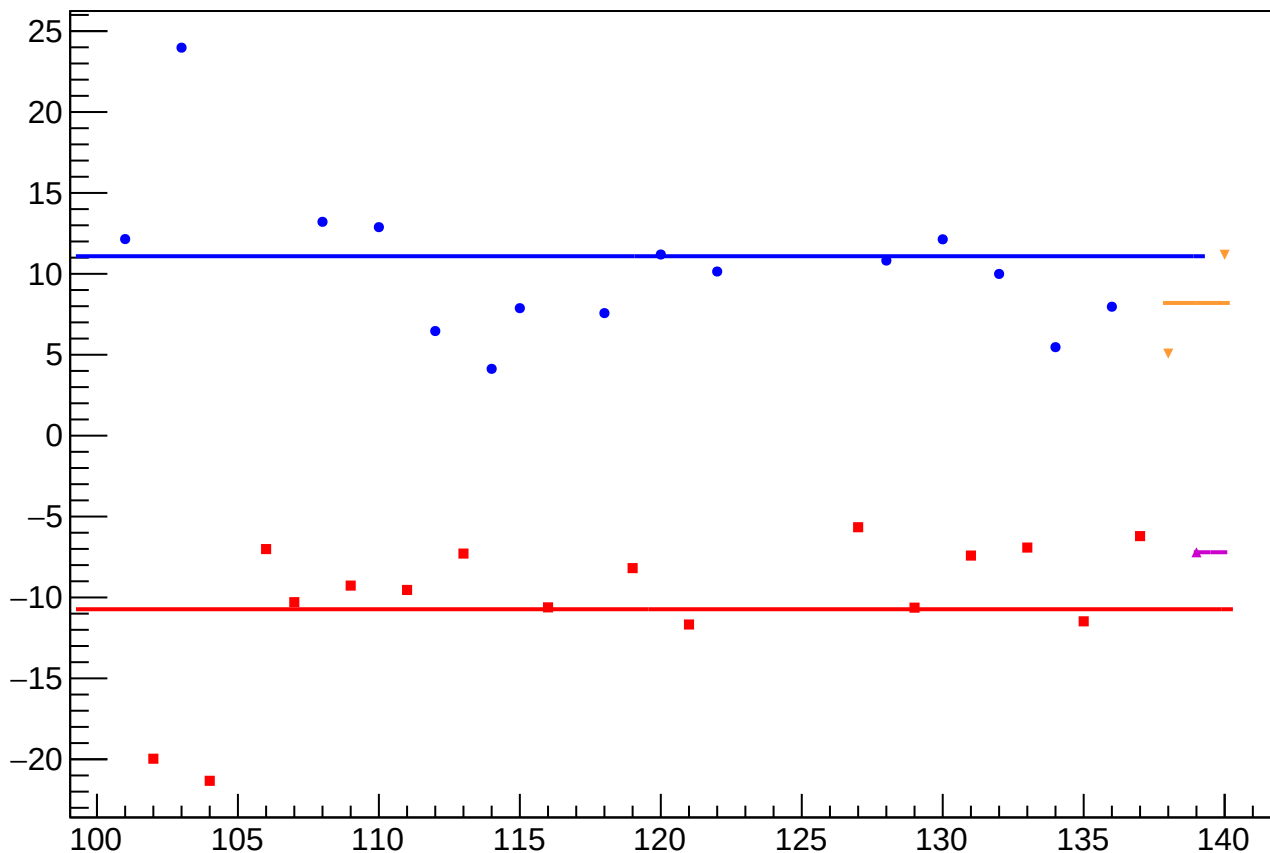
Right: 4.100+/-0.000 χ^2/NDF : 21298342988437283

In: -312.410+/-0.000 χ^2/NDF : 4512281838105742

Out: 256.136+/-0.000 χ^2/NDF : 7078754374812152

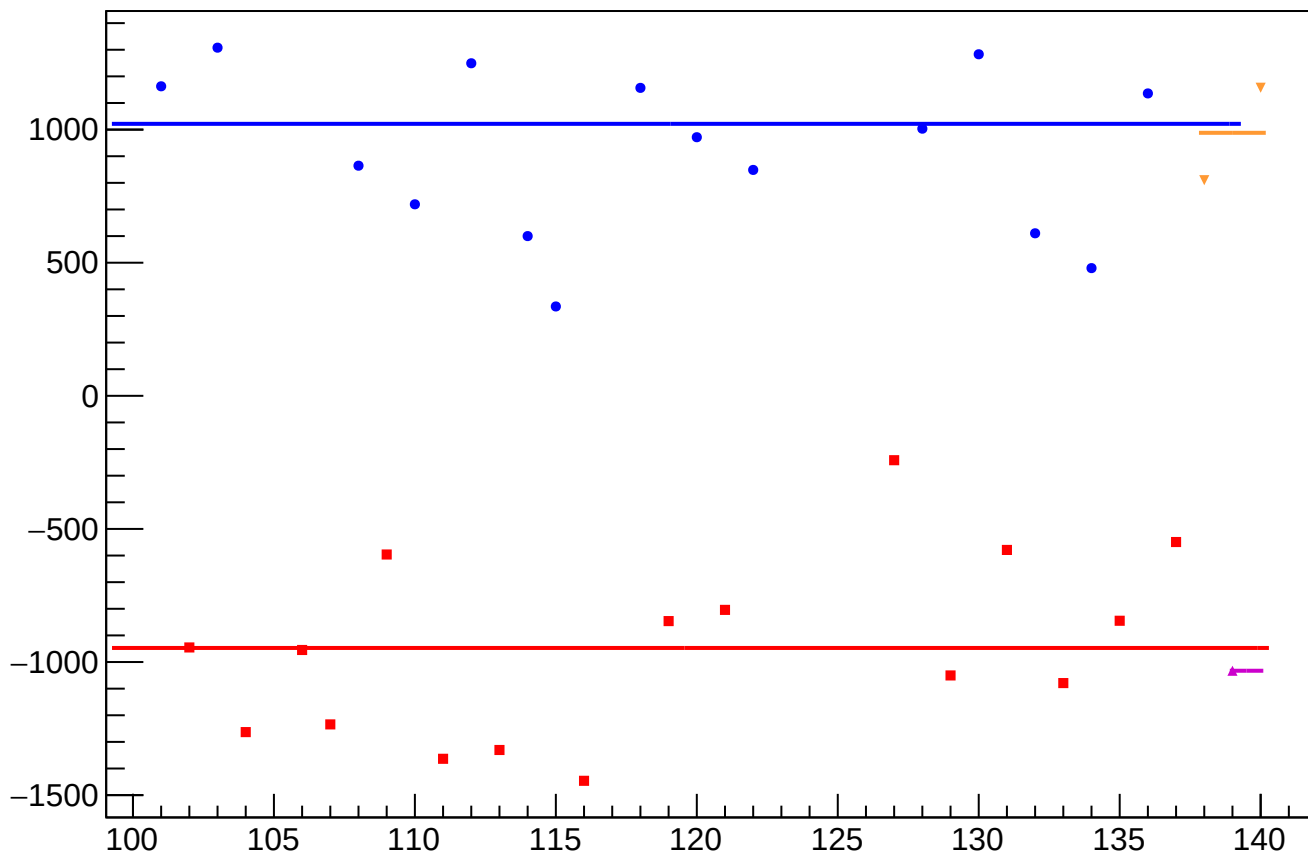
All: -10.427+/-0.000 χ^2/NDF : 241244609194

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 11.089 $\pm$ 0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14
 Left Out: 8.200 $\pm$ 0.000 χ^2/NDF : 1491193780141416392843204545740800.0/1
 Right Out: -10.728 $\pm$ 0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15
 Left In: -7.206 $\pm$ 0.000 χ^2/NDF : 63.9/0
 All: 0.494 $\pm$ 0.000 χ^2/NDF : 2016429952688

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

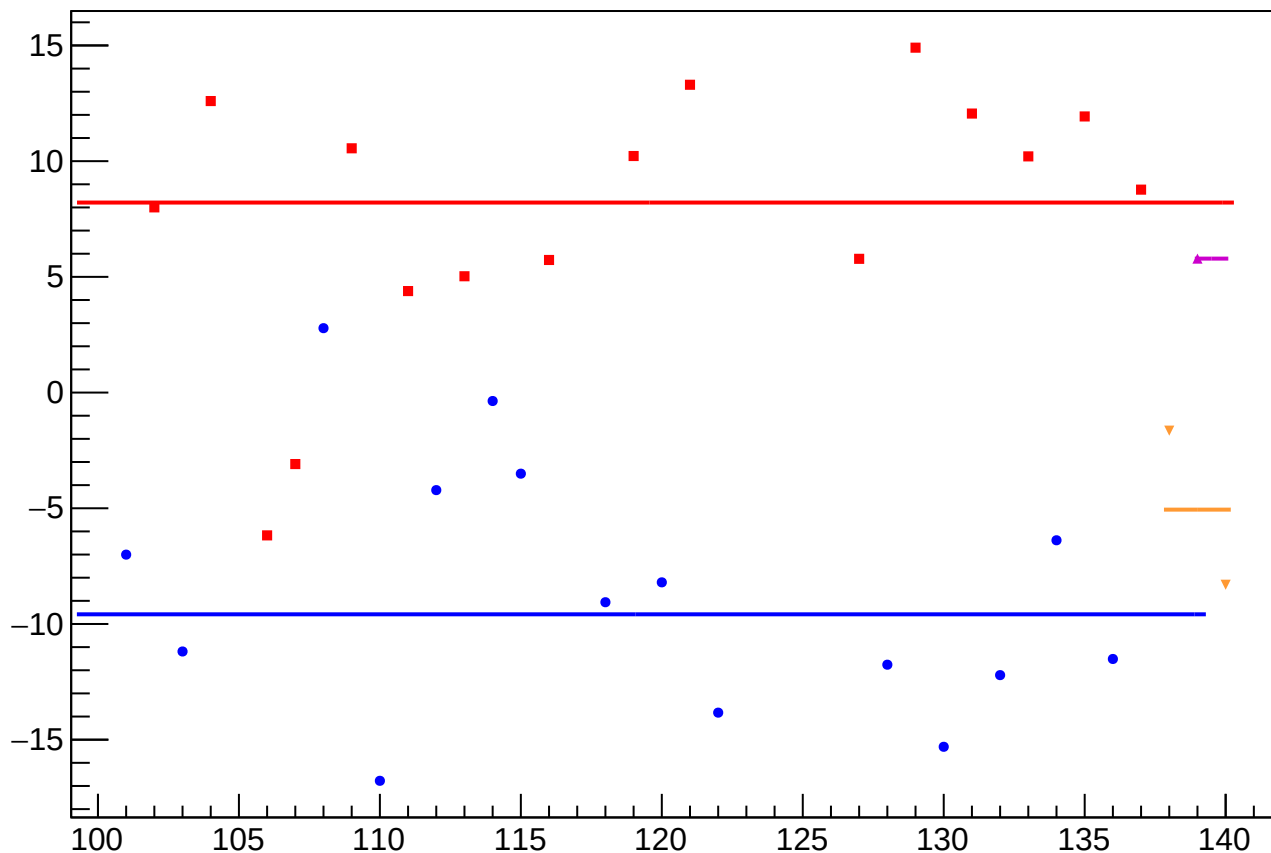
Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690
Out: -572.757+/-0.000 χ^2/NDF : 555839526341576

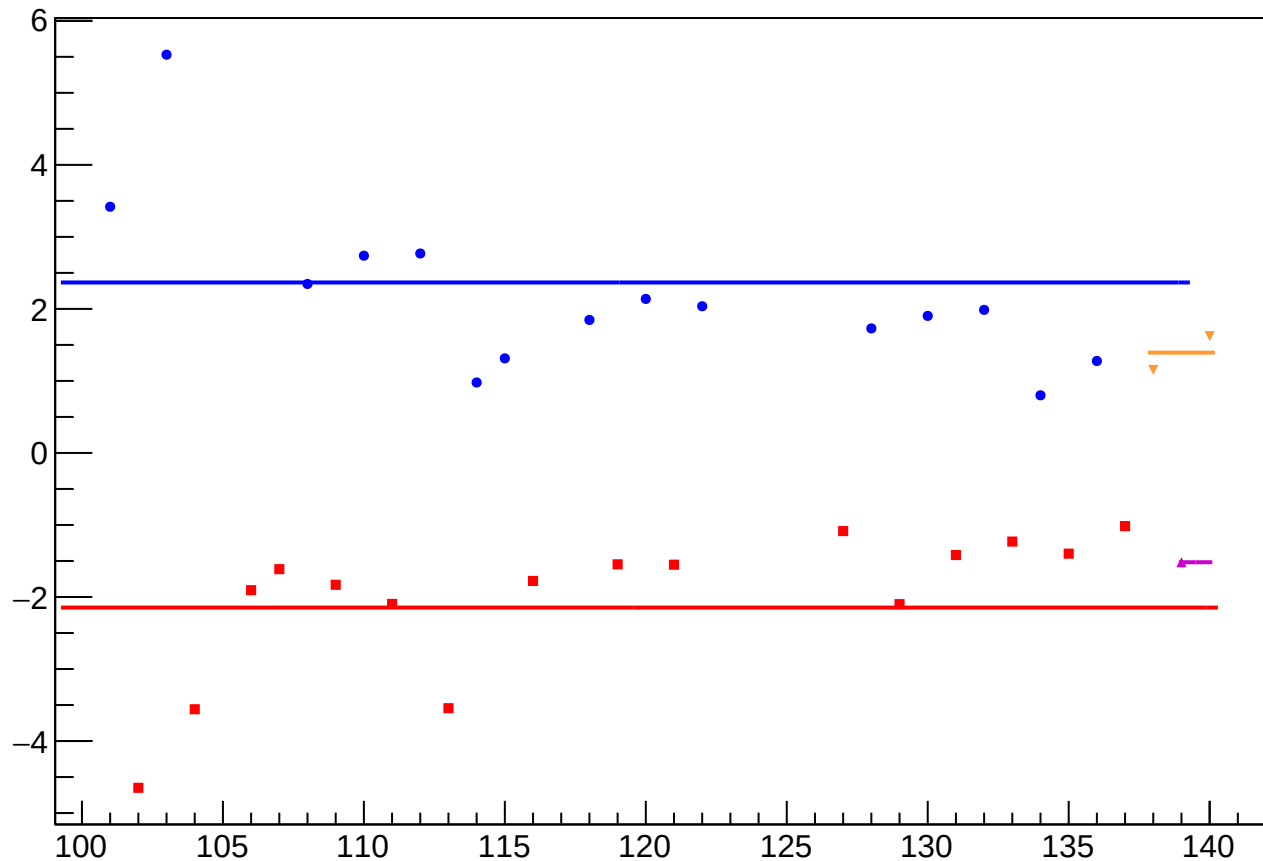
All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_4aY_coil7_mean vs Slug, Sign Corrected



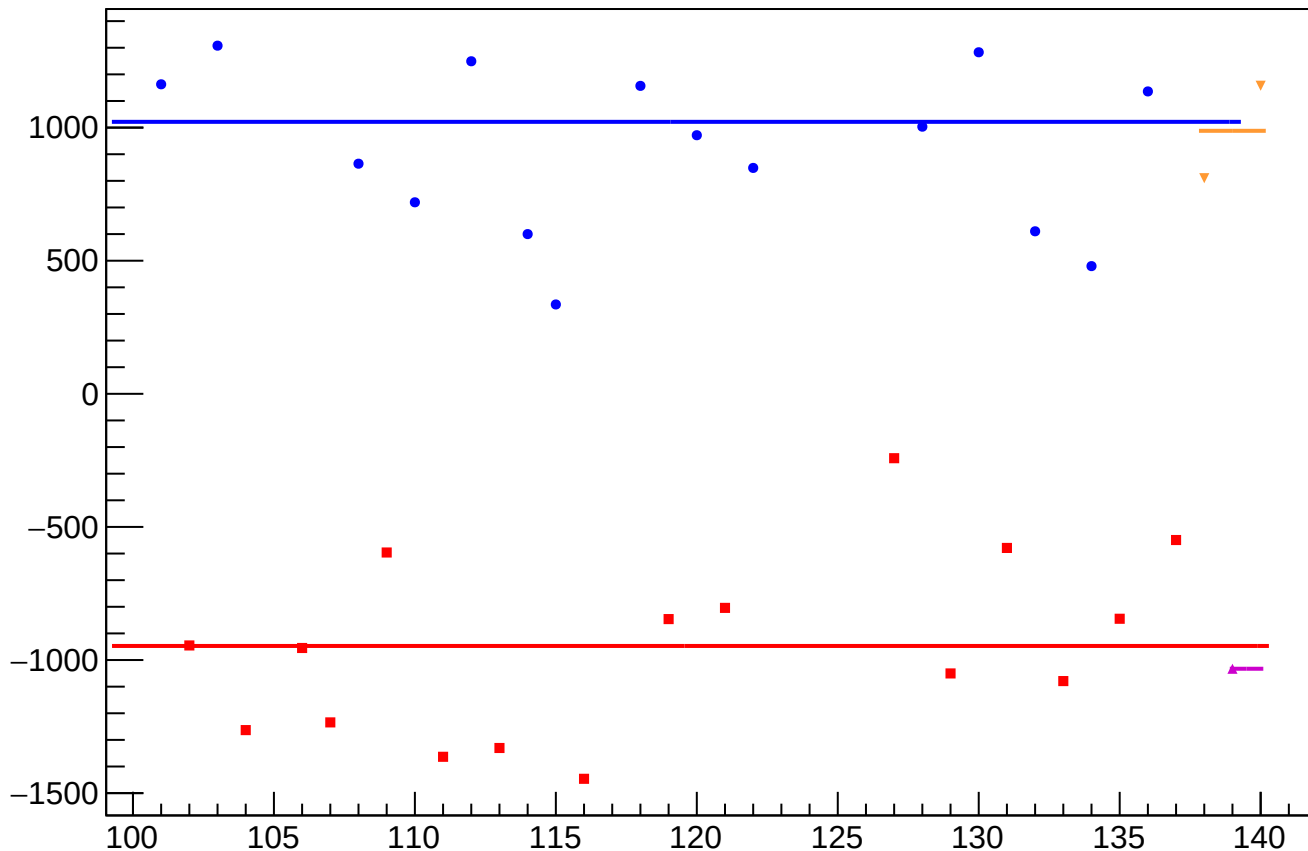
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$
 Left Out: -5.058 ± 0.000 $\chi^2/\text{NDF}: 1772335255761417449254195849854976.0/1$
 Right Out: 8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$
 Left In: 5.789 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.695 ± 0.000 $\chi^2/\text{NDF}: 1453957948652$

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



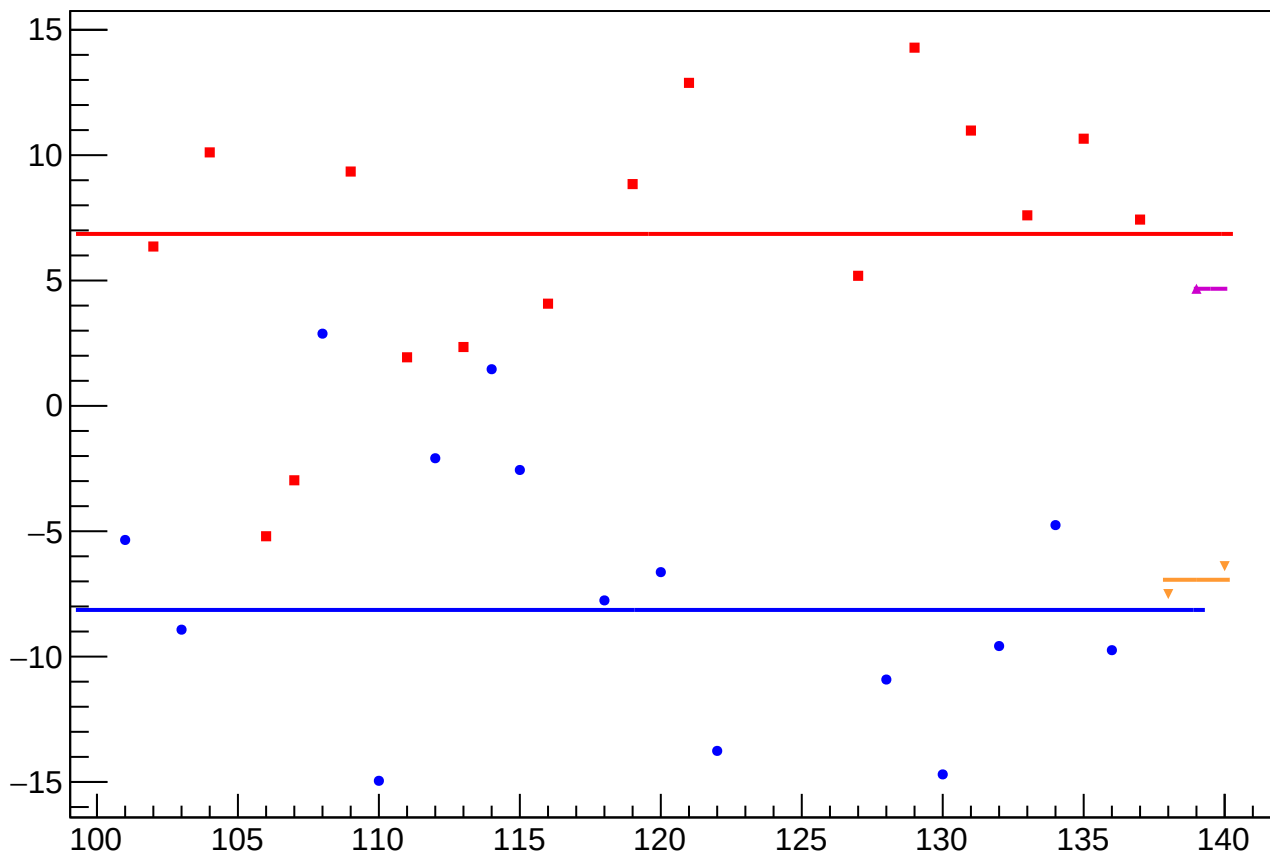
Right In: 2.367 +/- 0.000 χ^2/NDF : 920633294546152876922066767446016.0/14
 Left Out: 1.393 +/- 0.000 χ^2/NDF : 8824868074741803863634752831488.0/1
 Right Out: -2.147 +/- 0.000 χ^2/NDF : 764171992480224478656127555338240.0/15
 Left In: -1.518 +/- 0.000 χ^2/NDF : 4.0/0
 Right: 0.079 +/- 0.000 χ^2/NDF : 83877353838823588
 Left: 0.415 +/- 0.000 χ^2/NDF : 46443123991927259
 In: 1.936 +/- 0.000 χ^2/NDF : 2007286315320814452
 Out: -1.462 +/- 0.000 χ^2/NDF : 23904094967265304
 All: 0.131 +/- 0.000 χ^2/NDF : 8875137252435

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



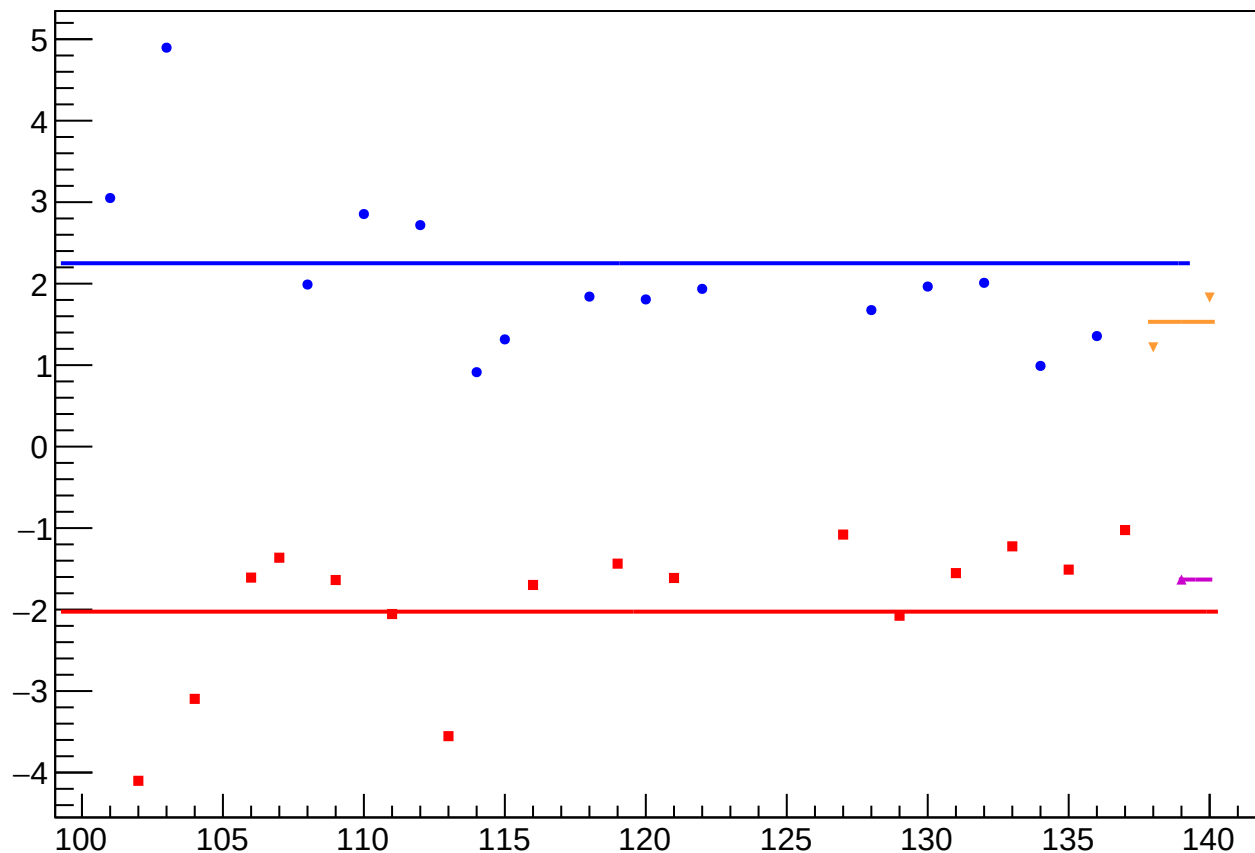
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 308.813+/-0.000	χ^2/NDF : 2244050301176272
Left Out: 987.975+/-0.000	χ^2/NDF : 4822184975672300177523512052558069760.0/1	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 793.727+/-0.000	χ^2/NDF : 34443276842083690
Left In: -1032.741+/-0.000	χ^2/NDF : 4187601.9/0	Out: -572.757+/-0.000	χ^2/NDF : 555839526341576
		All: 67.920+/-0.000	χ^2/NDF : 1624289824827

dit_4eY_coil7_mean vs Slug, Sign Corrected



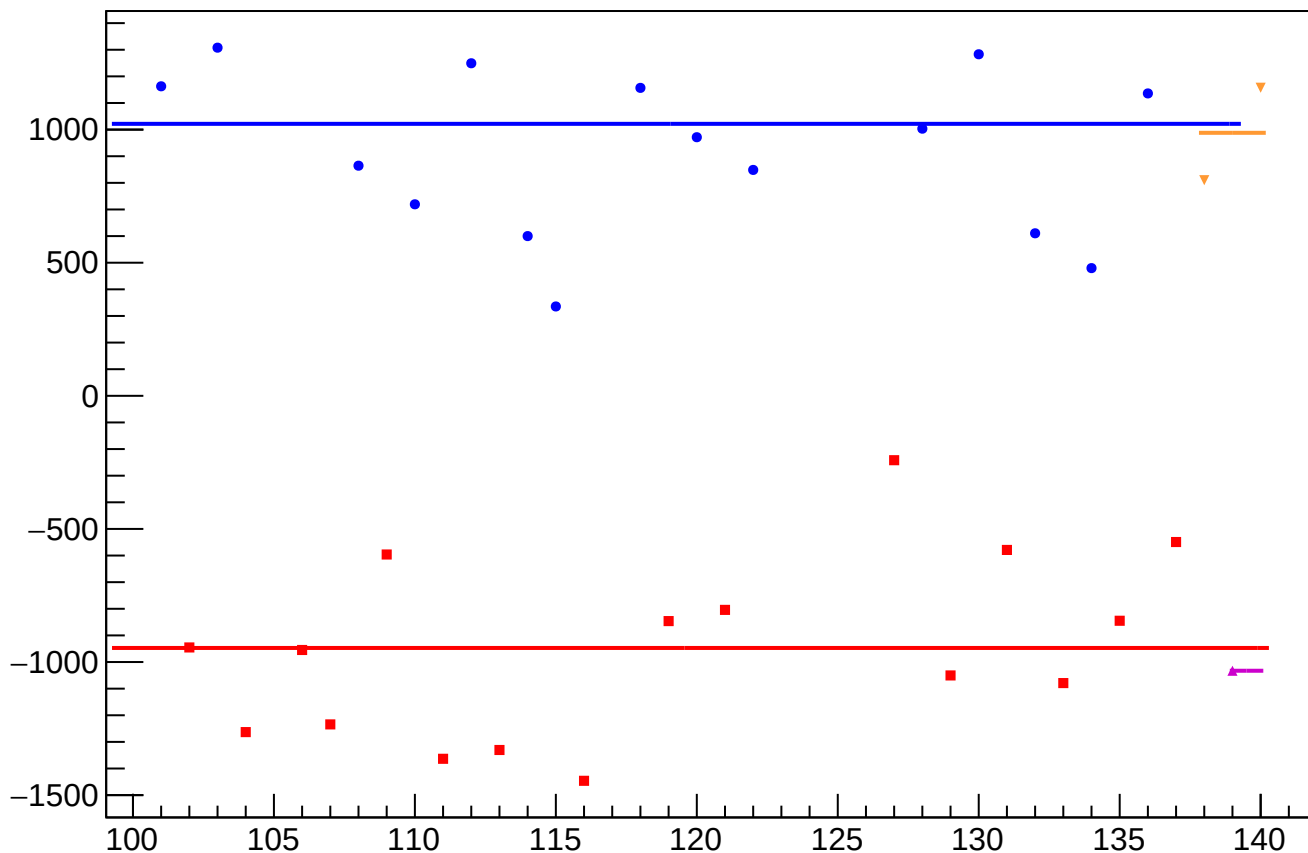
Right In: -8.139 ± 0.000 $\chi^2/\text{NDF}: 14676442649222120372533779893321728.0/14$
 Left Out: -6.936 ± 0.000 $\chi^2/\text{NDF}: 49506067221729891169761572683776.0/1$
 Right Out: 6.859 ± 0.000 $\chi^2/\text{NDF}: 16483631561591790731352632153079808.0/15$
 Left In: 4.672 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.924 ± 0.000 $\chi^2/\text{NDF}: 1137123292636$

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.531+/-0.000 χ^2/NDF : 14945152638689197352021364047872.0/1
 Right Out: -2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: -1.632+/-0.000 χ^2/NDF : 0.0/0
 All: 0.143+/-0.000 χ^2/NDF : 78324155372168

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

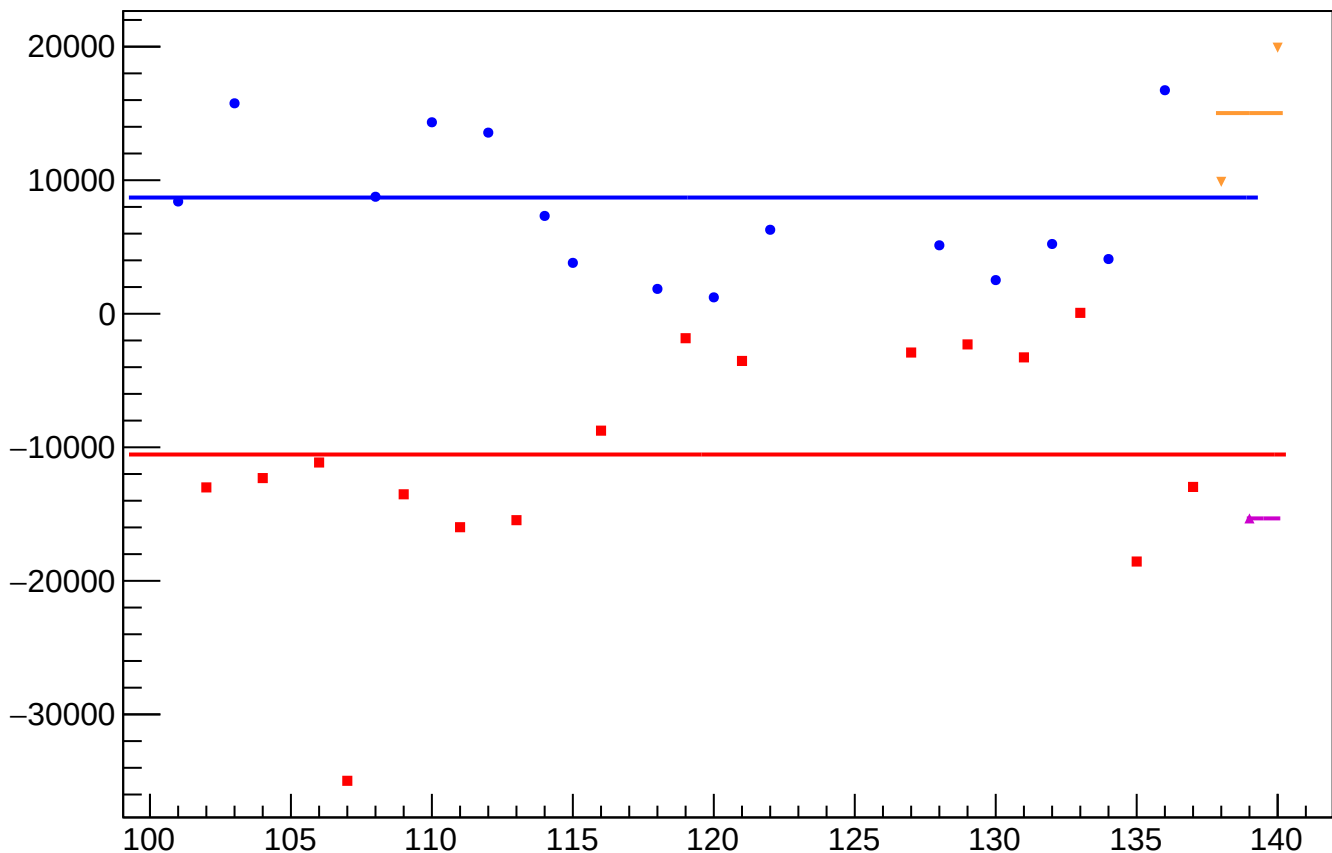
Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690
Out: -572.757+/-0.000 χ^2/NDF : 555839526341576

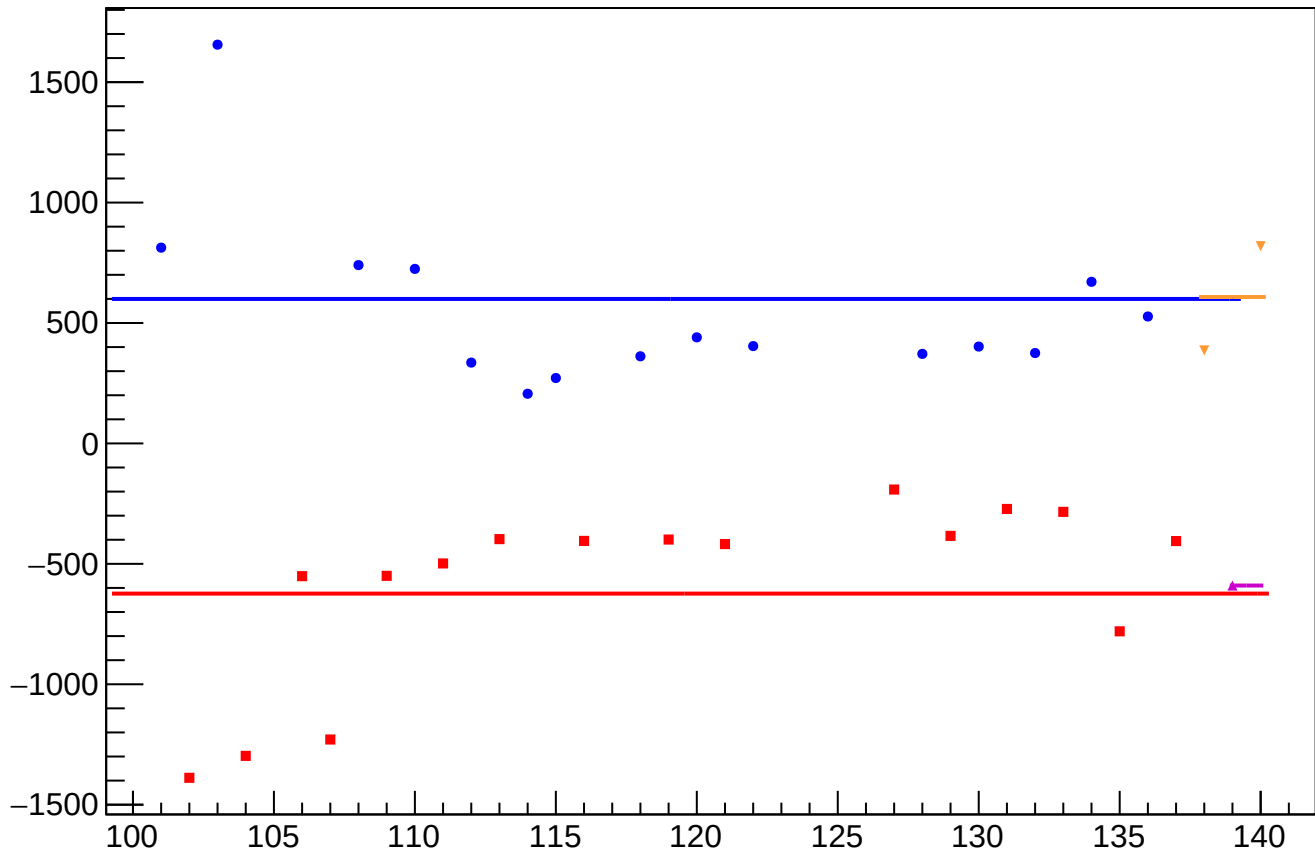
All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 15027.050+/-0.000 χ^2/NDF : 4035156664973635397329359253851575681024.0/1
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: -15323.787+/-0.000 χ^2/NDF : 268006518.5/0
 All: -140.120+/-0.000 χ^2/NDF : 24813173862

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 599.849+/-0.000

χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 607.942+/-0.000

χ^2/NDF : 7484774783279008903489698581985624064.0/1

Right Out: -623.569+/-0.000

χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: -590.074+/-0.000

χ^2/NDF : 0.0/0

Left: 205.289+/-0.000 χ^2/NDF : 8466628519048383

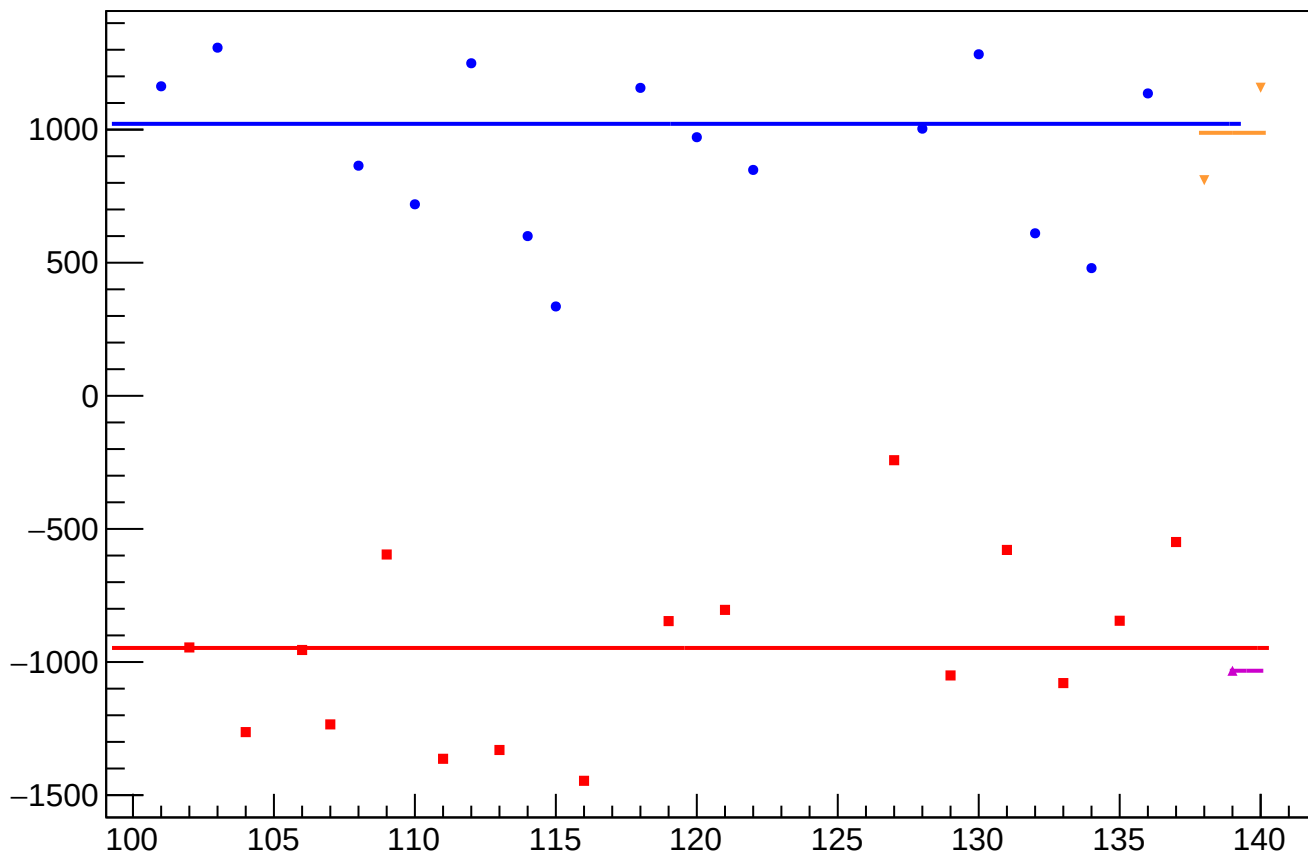
Right: -20.227+/-0.000 χ^2/NDF : 683047104243510

In: 467.817+/-0.000 χ^2/NDF : 1912225174539718

Out: -385.308+/-0.000 χ^2/NDF : 304645286127215

All: 14.680+/-0.000 χ^2/NDF : 7780728744528

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

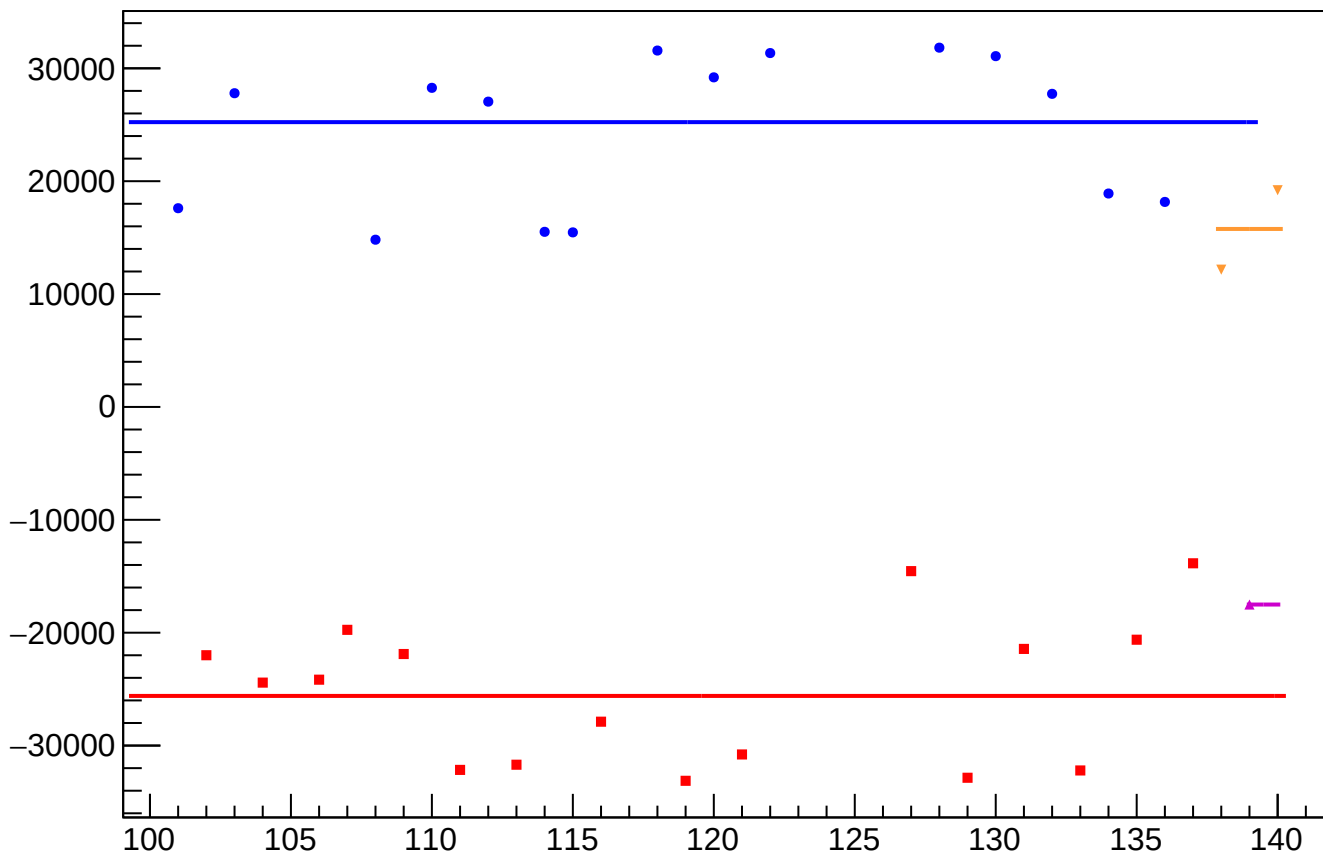
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

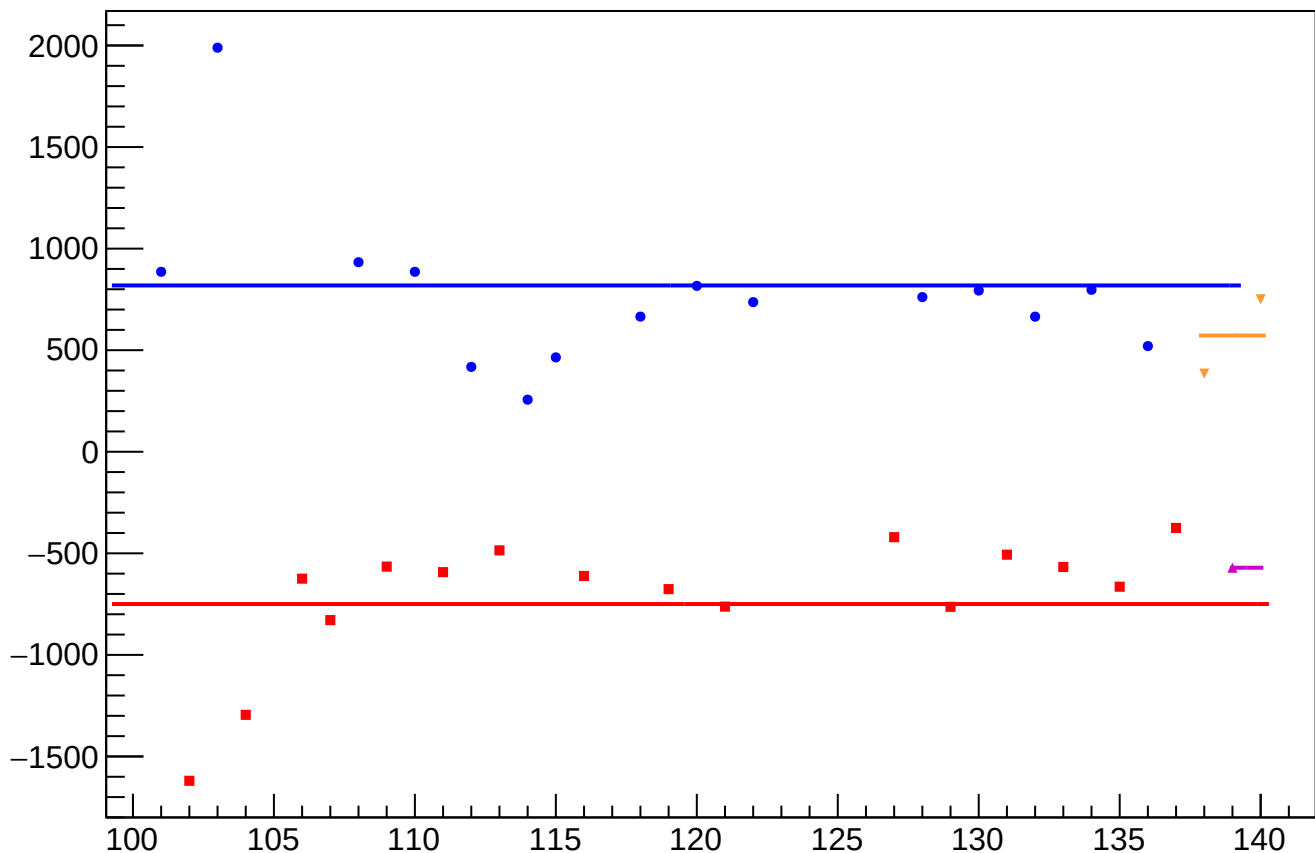
All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 15768.887+/-0.000 χ^2/NDF : 1979829163273757534820106861484452085760.0/1
 Right Out: -25601.388+/-0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: -17505.390+/-0.000 χ^2/NDF : 0.0/0
 All: 259.907+/-0.000 χ^2/NDF : 96574412973

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 818.668+/-0.000

χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 572.308+/-0.000

χ^2/NDF : 5362350330263315593095704813626195968.0/1

Right Out: -749.661+/-0.000

χ^2/NDF : 77972691834605708706145461250669150208.0/15

Left In: -570.862+/-0.000

χ^2/NDF : 0.0/0

Left: 188.089+/-0.000 χ^2/NDF : 7563876498557194

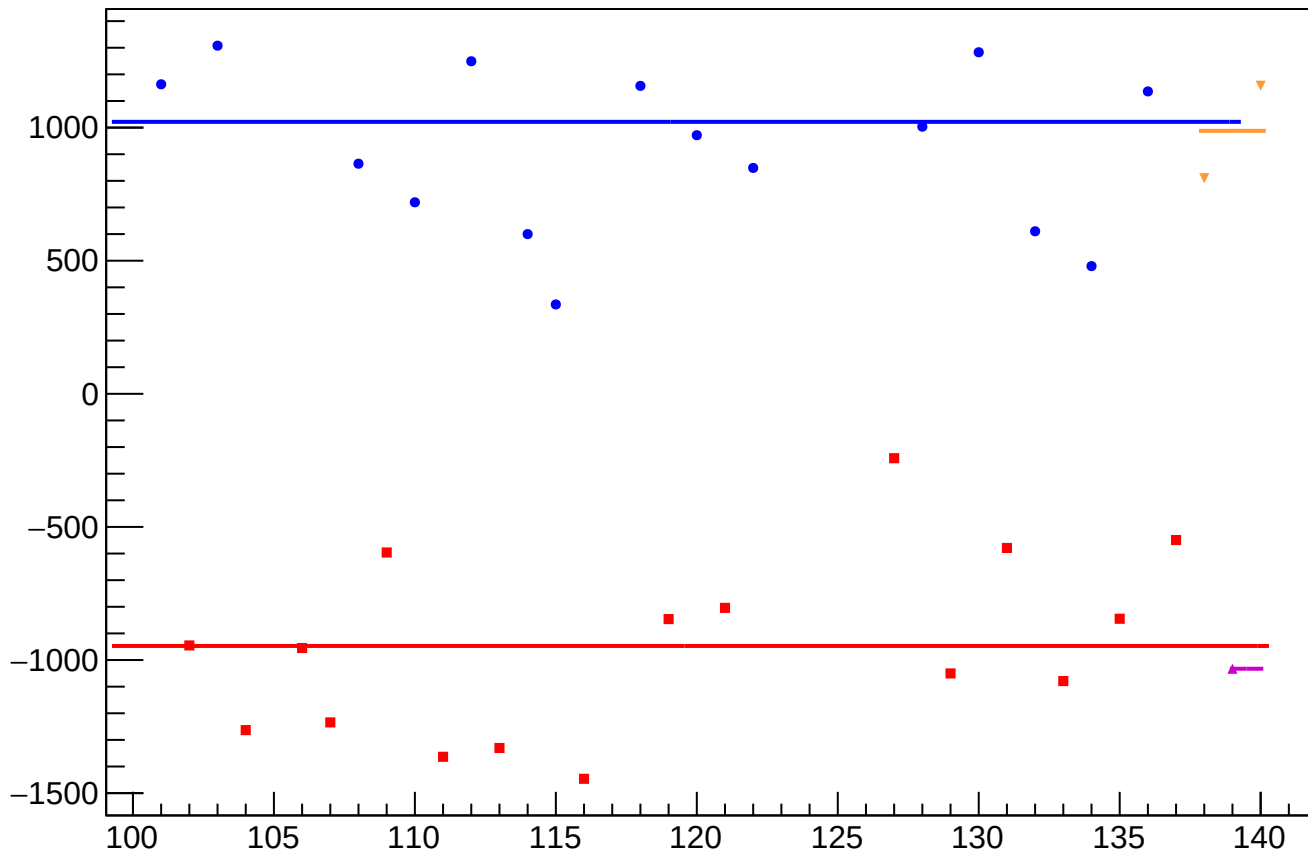
Right: 23.778+/-0.000 χ^2/NDF : 9926549473307925

In: 664.487+/-0.000 χ^2/NDF : 24464755184137729

Out: -493.900+/-0.000 χ^2/NDF : 308853870931799

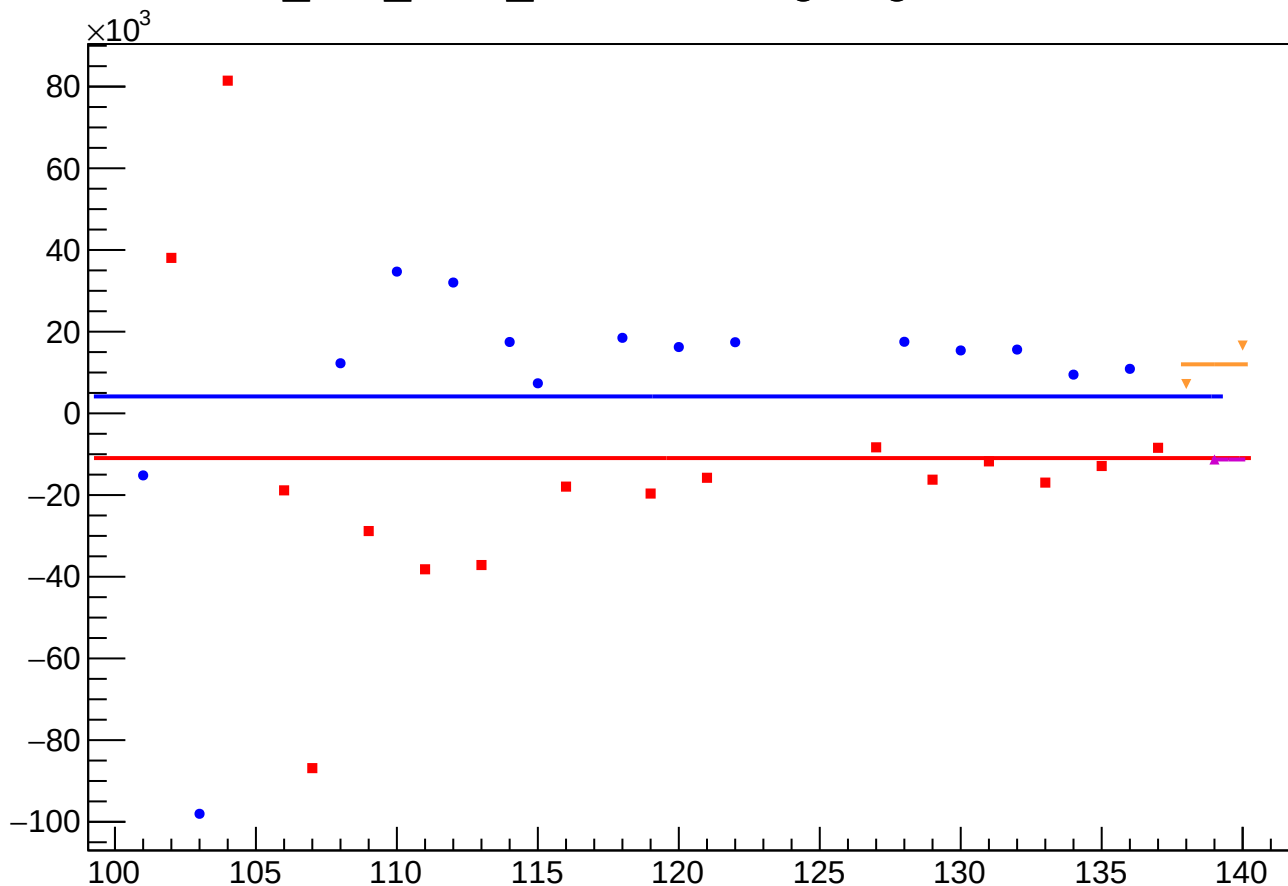
All: 49.210+/-0.000 χ^2/NDF : 1073793138792

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



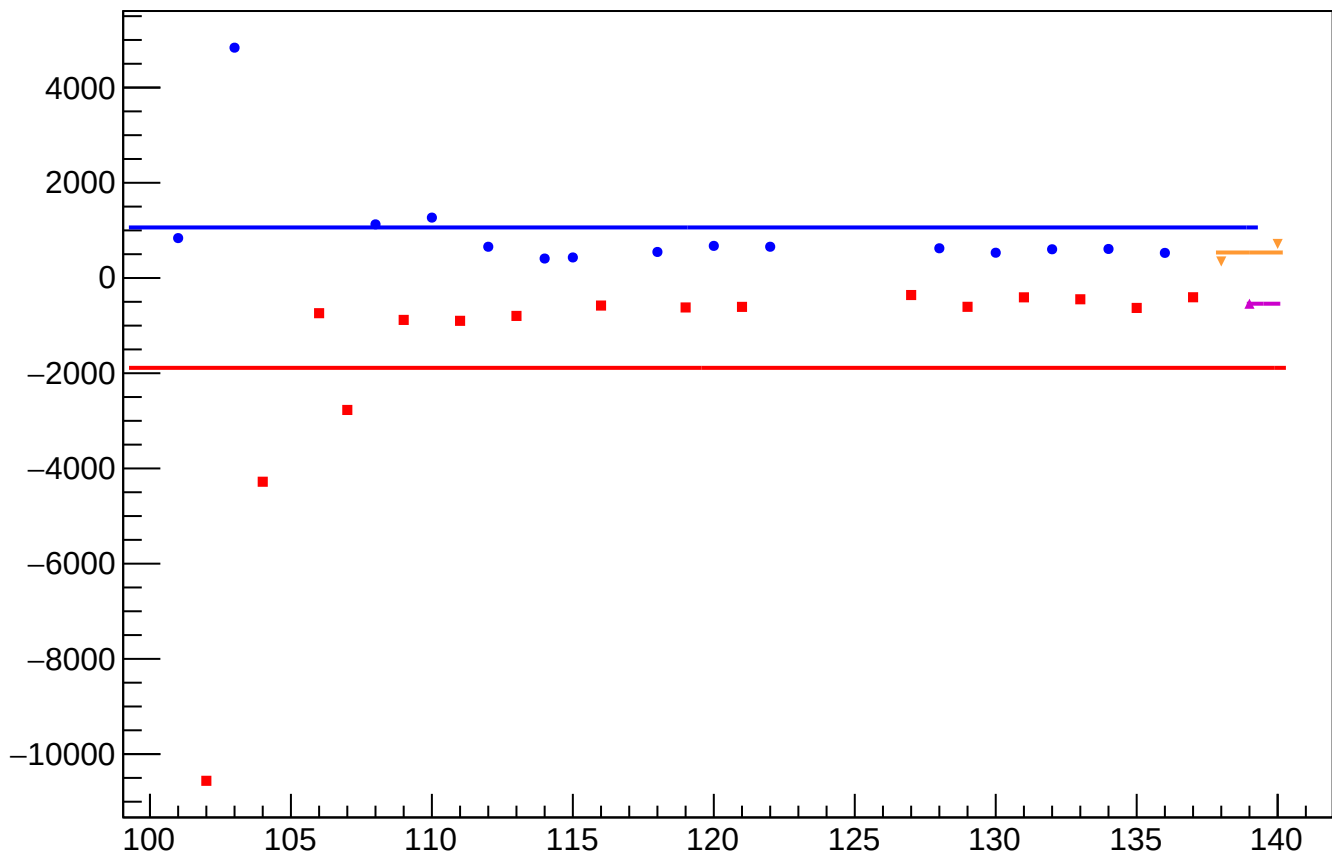
Left: 308.813 +/- 0.000 χ^2/NDF : 2244050301176272
 Right: 23.805 +/- 0.000 χ^2/NDF : 1383338523153511
 In: 793.727 +/- 0.000 χ^2/NDF : 34443276842083690
 Out: -572.757 +/- 0.000 χ^2/NDF : 555839526341576
 All: 67.920 +/- 0.000 χ^2/NDF : 1624289824827

dit_atl1_coil7_mean vs Slug, Sign Corrected



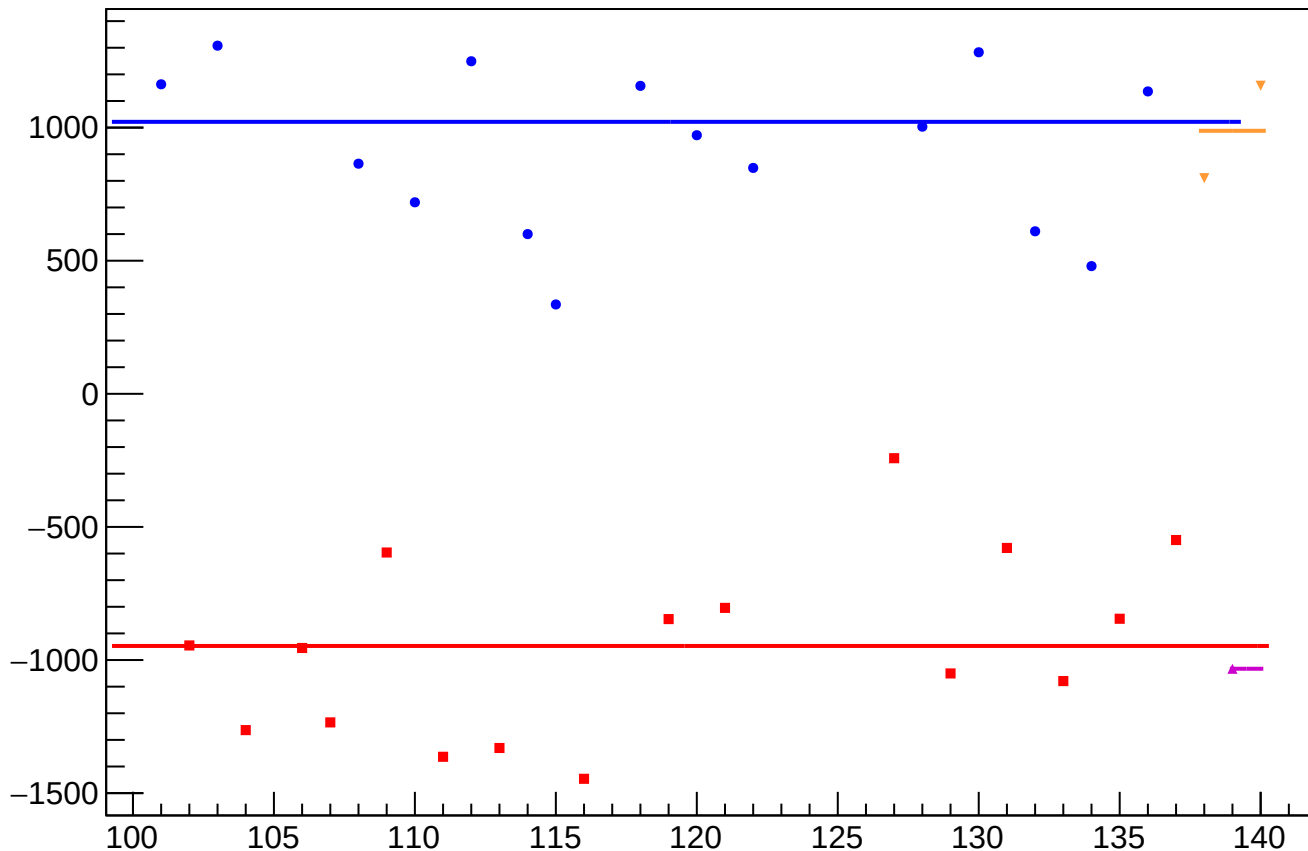
Right In: 4145.268 ± 0.000 $\chi^2/\text{NDF}: 763693998395064689637972381933507648159744.0/14$
 Left Out: 12006.754 ± 0.000 $\chi^2/\text{NDF}: 3544106008729008138907888415291895447552.0/1$
 Right Out: -10948.073 ± 0.000 $\chi^2/\text{NDF}: 873949668510327201514601463115396191092736.0/15$
 Left In: -11290.477 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -2315.693 ± 0.000 $\chi^2/\text{NDF}: 1757328624$

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 535.909+/-0.000 χ^2/NDF : 5421314997667550891496738675715211264.0/1
 Right Out: -1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: -539.951+/-0.000 χ^2/NDF : 0.0/0
 All: -338.691+/-0.000 χ^2/NDF : 94824528895

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

Left: 308.813+/-0.000 χ^2/NDF : 2244050301176272

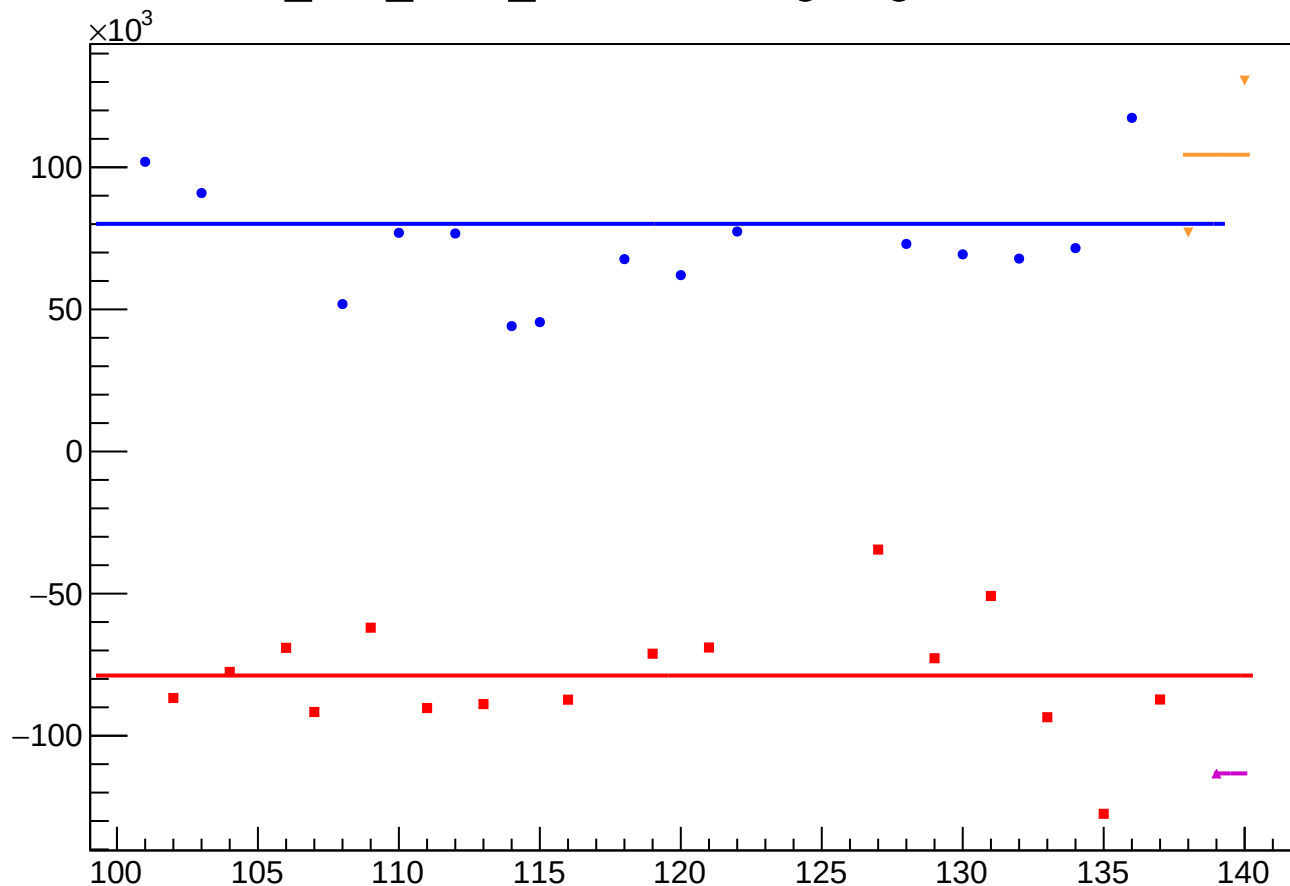
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -572.757+/-0.000 χ^2/NDF : 555839526341576

All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 80102.504+/-0.000

Left Out: 104418.111+/-0.000

Right Out: -78815.832+/-0.000

Left In: -113260.534+/-0.000

χ^2/NDF : 254521784097258654723607522631742465769472.0/14

χ^2/NDF : 114157314325679236167717453205142054633472.0/1

χ^2/NDF : 286076919217811099434470442231998185472000.0/15

χ^2/NDF : 0.0/0

Left: 31256.408+/-0.000 χ^2/NDF : 26622757478680

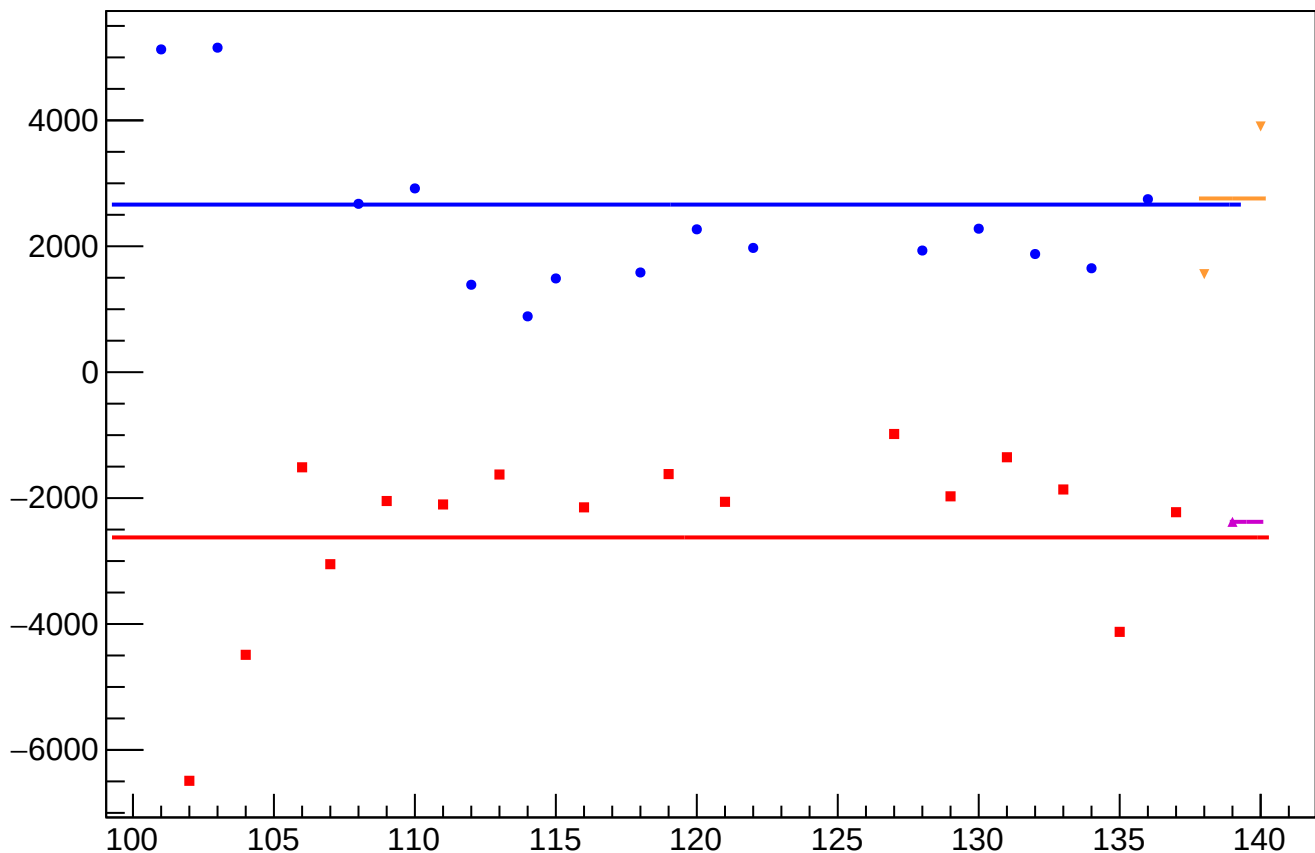
Right: -443.492+/-0.000 χ^2/NDF : 88479516524724

In: 58647.153+/-0.000 χ^2/NDF : 294700980068270

Out: -43365.493+/-0.000 χ^2/NDF : 4732869815159

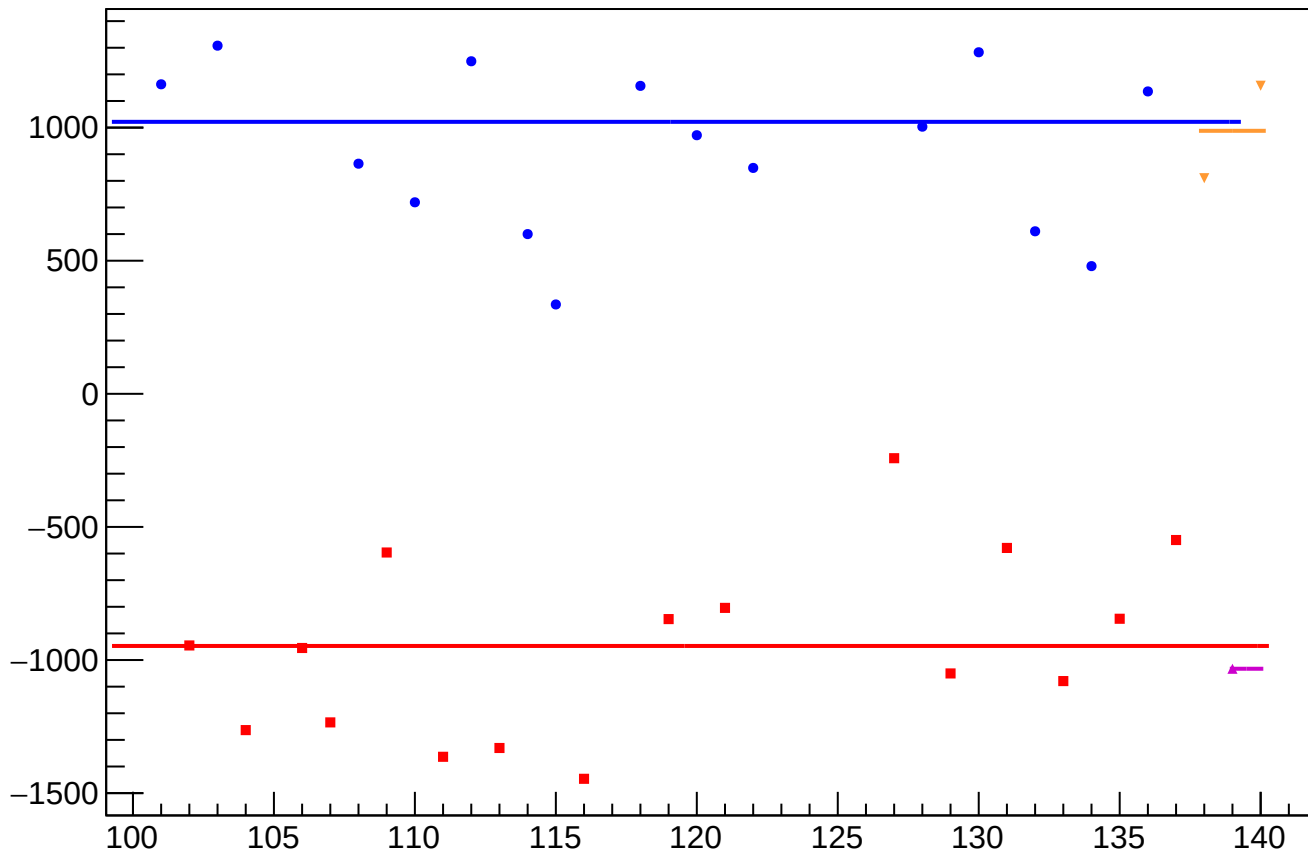
All: 4463.172+/-0.000 χ^2/NDF : 11714919040

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



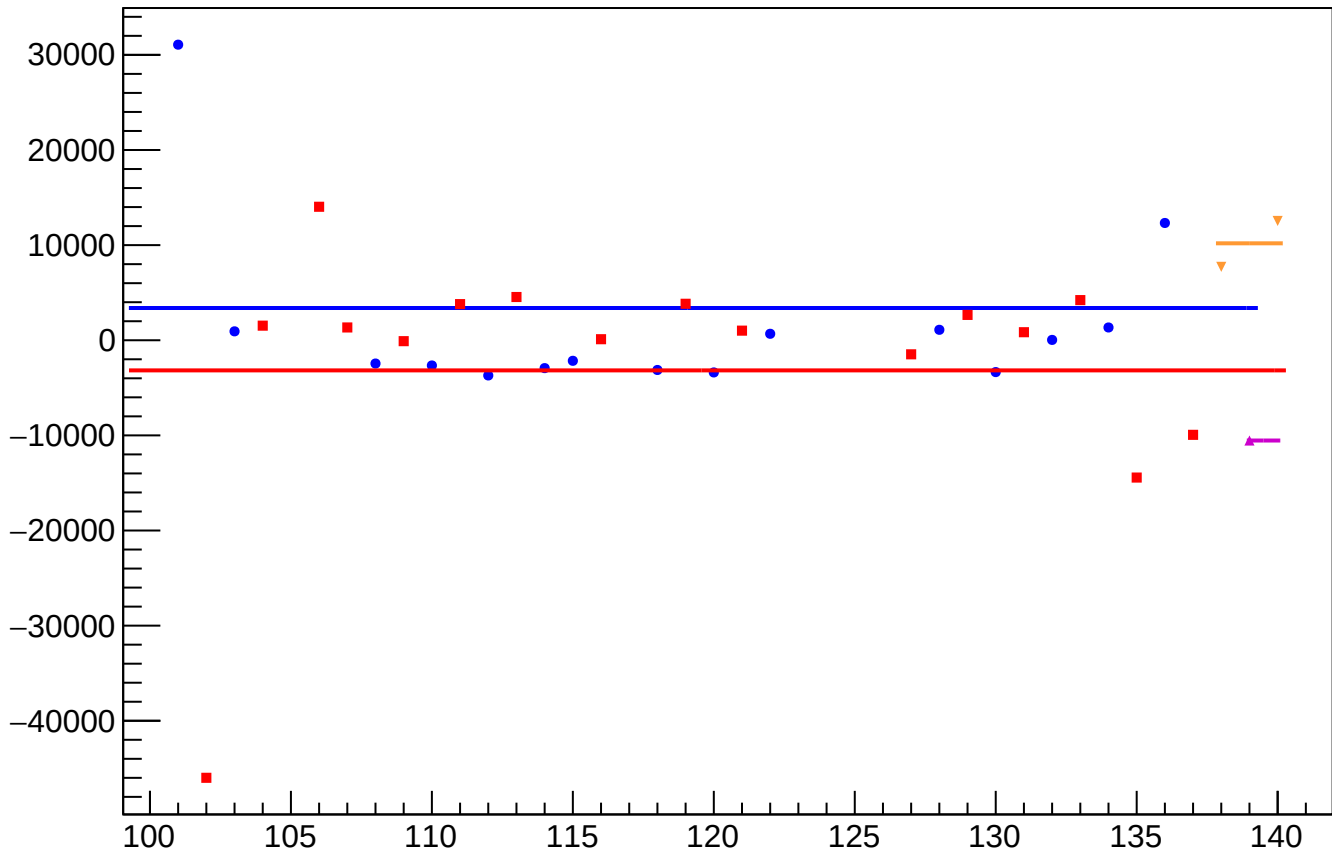
Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 2759.240+/-0.000 χ^2/NDF : 220017792990258935750126332606343544832.0/1
 Right Out: -2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: -2376.996+/-0.000 χ^2/NDF : 0.0/0
 In: 2103.042+/-0.000 χ^2/NDF : 2860021748349576
 Out: -1583.064+/-0.000 χ^2/NDF : 55273126378385
 All: 145.168+/-0.000 χ^2/NDF : 136556927383

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 987.975+/-0.000 χ^2/NDF : 4822184975672300177523512052558069760.0/1
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1032.741+/-0.000 χ^2/NDF : 4187601.9/0
 All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550+/-0.000

Left Out: 10190.095+/-0.000

Right Out: -3167.396+/-0.000

Left In: -10539.994+/-0.000

χ^2/NDF : 65871927441553256724179194556280173756416.0/14

χ^2/NDF : 930344331544480865439047285507287416832.0/1

χ^2/NDF : 137753886677241144460462531881687568089088.0/15

χ^2/NDF : 0.0/0

Left: 3222.721+/-0.000 χ^2/NDF : 240398305495051

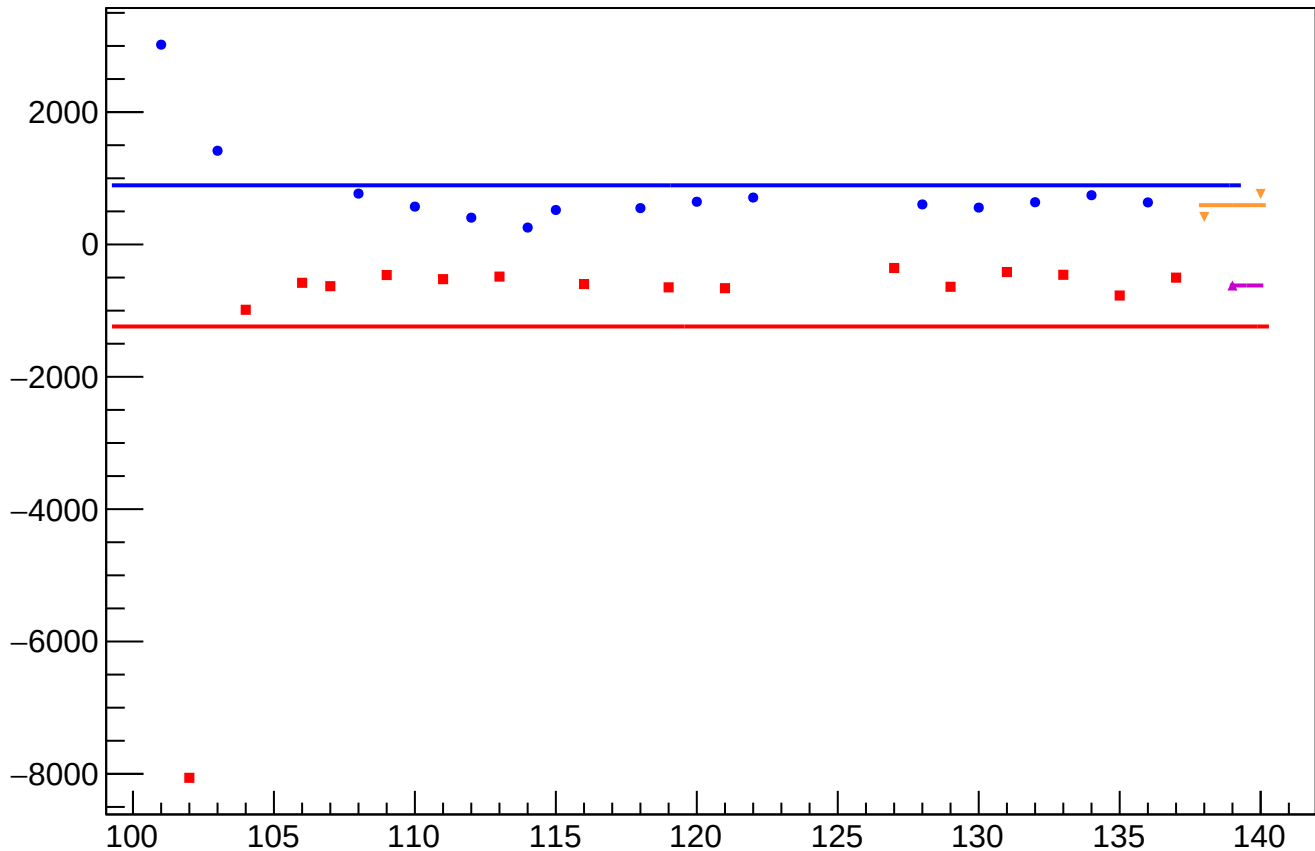
Right: 66.728+/-0.000 χ^2/NDF : 2177723560844725

In: 1844.832+/-0.000 χ^2/NDF : 7984664466386548

Out: -583.117+/-0.000 χ^2/NDF : 161708722757200

All: 555.228+/-0.000 χ^2/NDF : 243841065983

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 893.683+/-0.000

χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 593.820+/-0.000

χ^2/NDF : 4828736002608447292505678235951955968.0/1

Right Out: -1239.298+/-0.000

χ^2/NDF : 2970990859486483990408108918937565003776.0/15

Left In: -619.748+/-0.000

χ^2/NDF : 0.0/0

Left: 185.940+/-0.000 χ^2/NDF : 8402700370064533

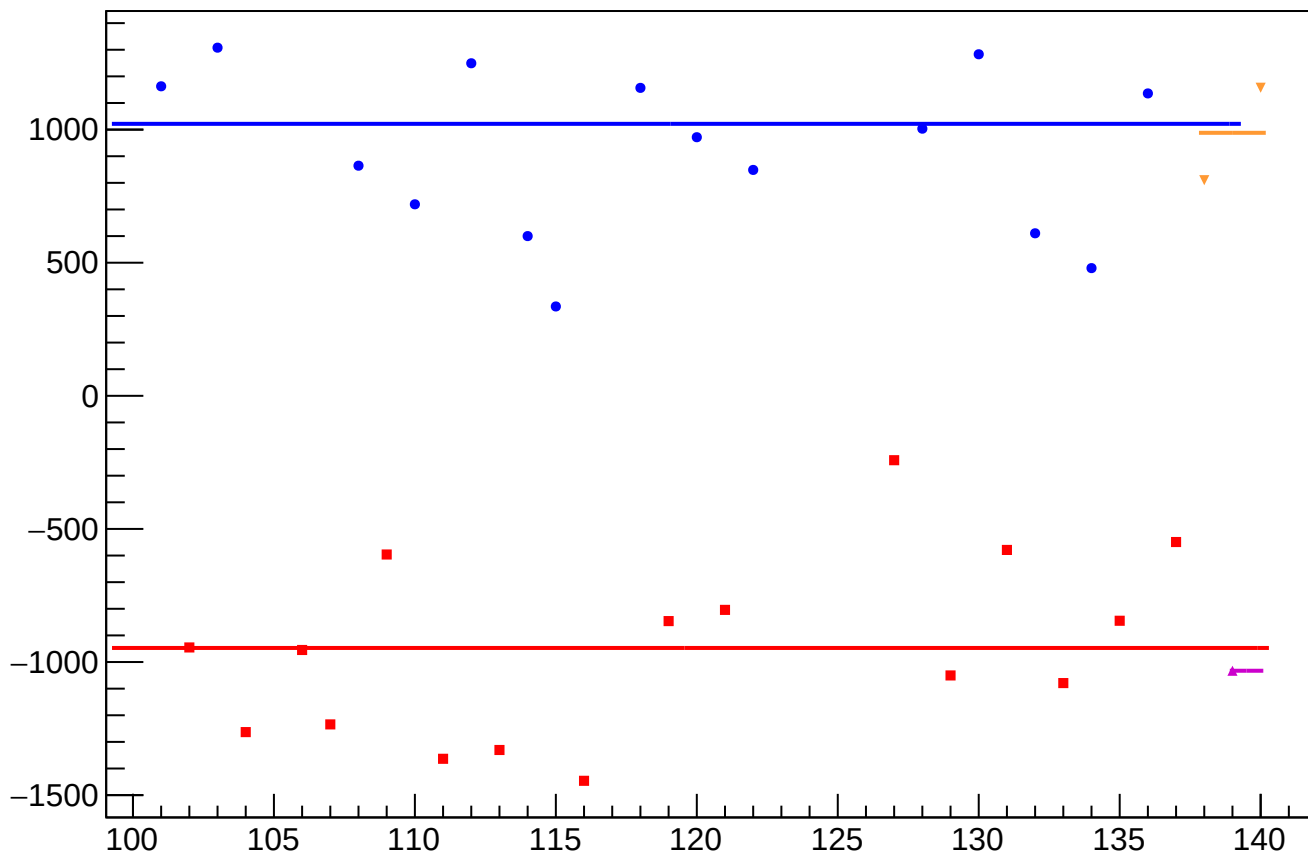
Right: -187.395+/-0.000 χ^2/NDF : 48021156818850

In: 725.754+/-0.000 χ^2/NDF : 4995258365988684

Out: -884.644+/-0.000 χ^2/NDF : 340945138881219

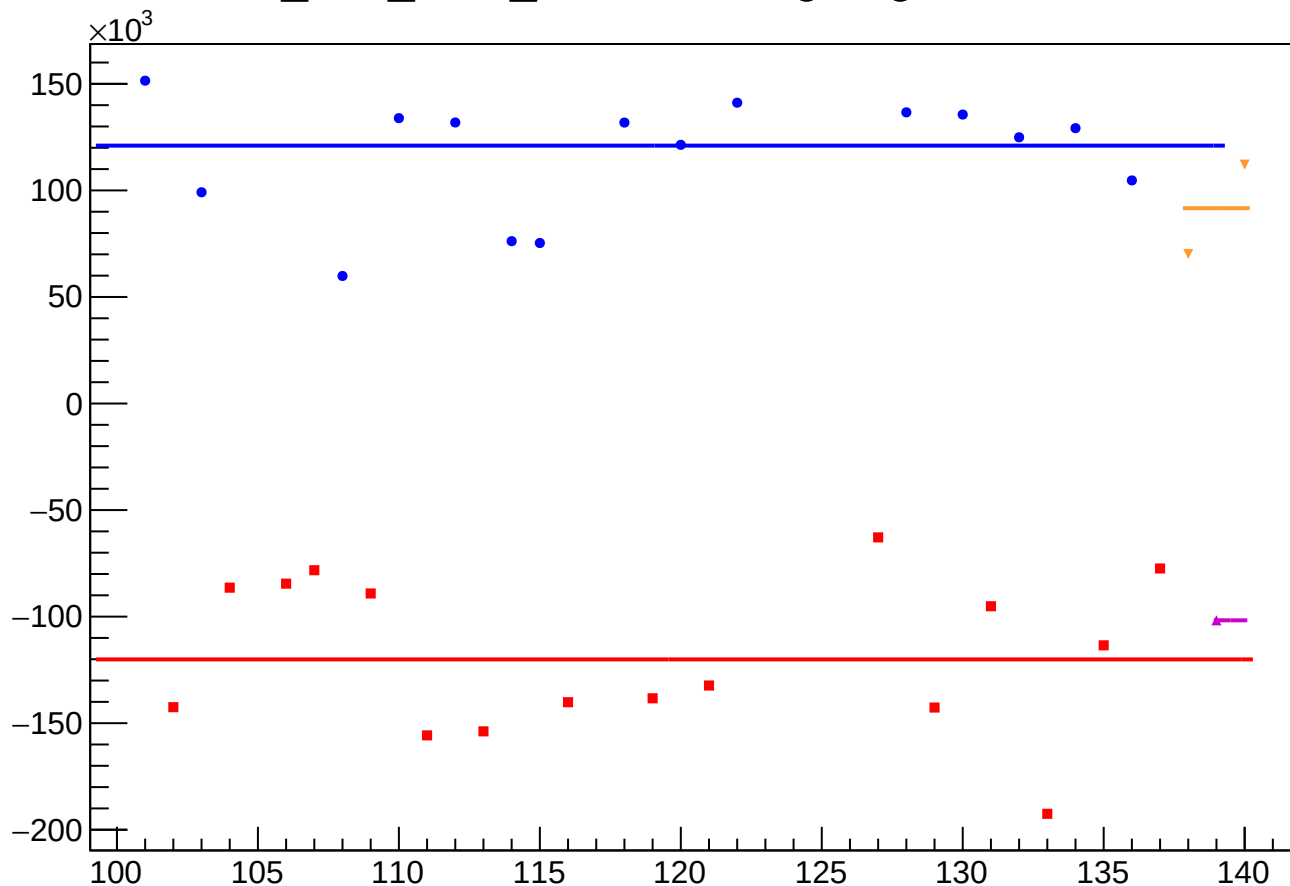
All: -129.608+/-0.000 χ^2/NDF : 49145337758

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



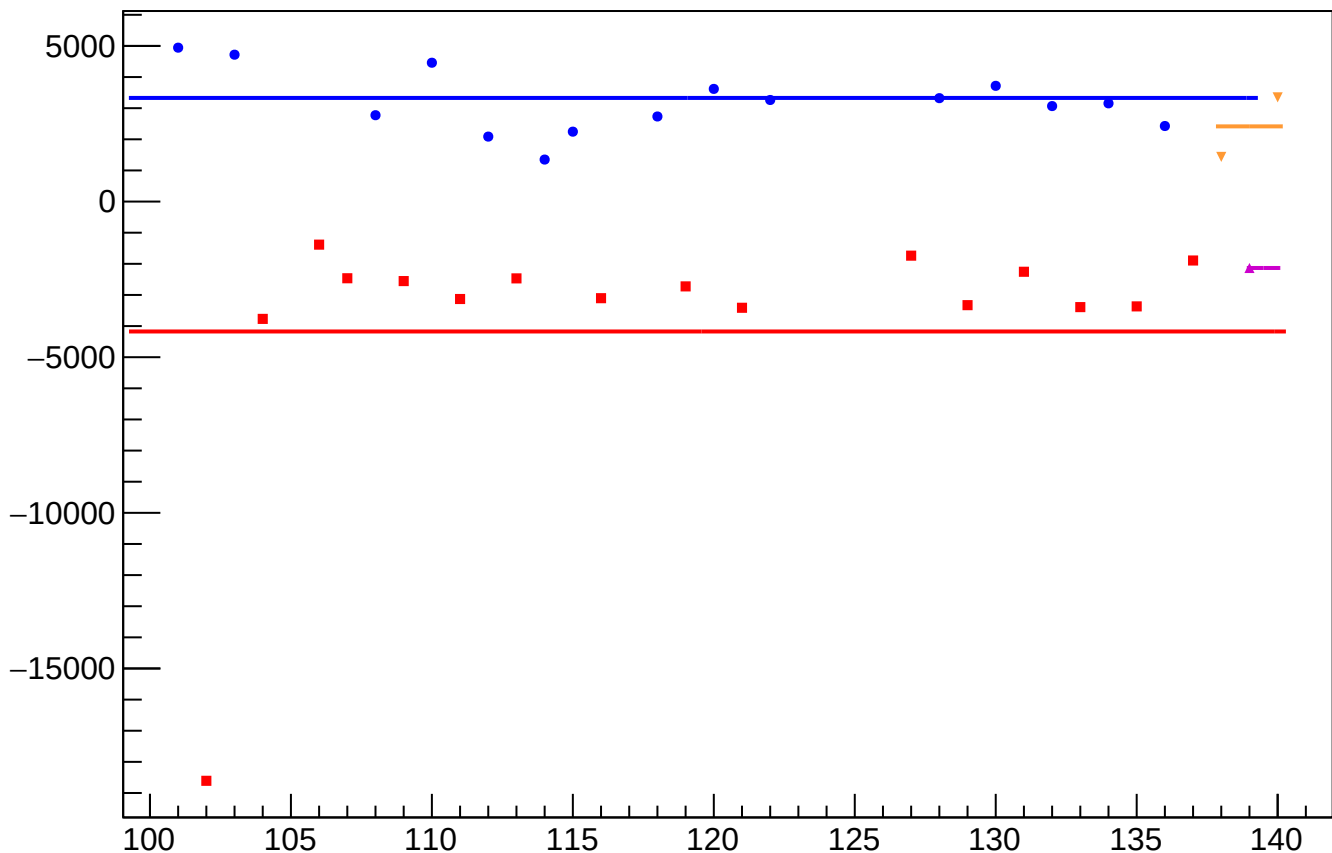
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: 308.813+/-0.000	χ^2/NDF : 2244050301176272
Left Out: 987.975+/-0.000	χ^2/NDF : 4822184975672300177523512052558069760.0/1	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 793.727+/-0.000	χ^2/NDF : 34443276842083690
Left In: -1032.741+/-0.000	χ^2/NDF : 4187601.9/0	Out: -572.757+/-0.000	χ^2/NDF : 555839526341576
		All: 67.920+/-0.000	χ^2/NDF : 1624289824827

dit_atr2_coil7_mean vs Slug, Sign Corrected



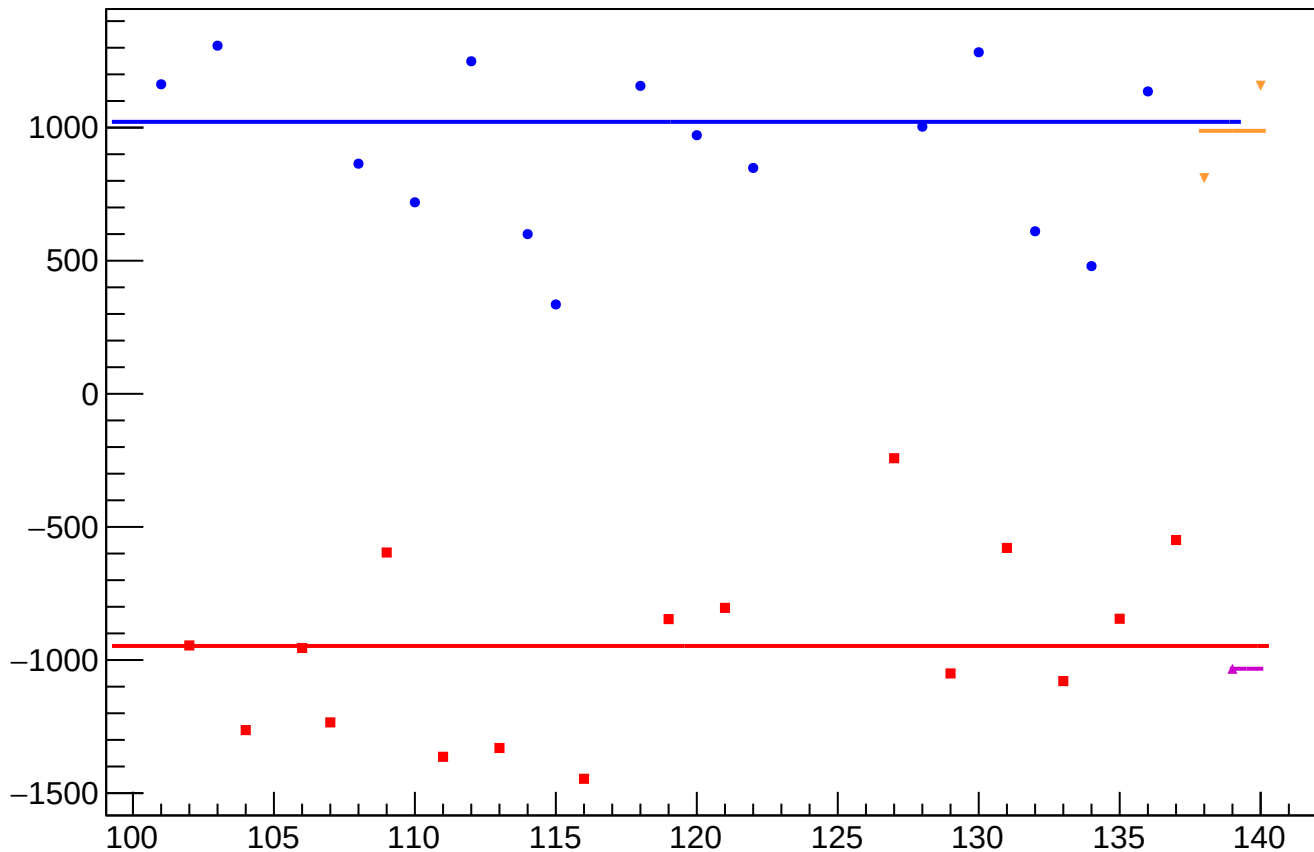
Left: 26663.791 $\pm$ 0.000 χ^2/NDF : 20817527828125
 Right: -1170.810 $\pm$ 0.000 χ^2/NDF : 2030444568824
 Left Out: 91666.930 $\pm$ 0.000 χ^2/NDF : 70249867785785500202709259286495474221056.0/1
 Right In: 121016.482 $\pm$ 0.000 χ^2/NDF : 358713856404303554987784975983609668173824.0/14
 Left In: -101737.472 $\pm$ 0.000 χ^2/NDF : 17152417181.9/0
 All: 3137.564 $\pm$ 0.000 χ^2/NDF : 2254401565

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2415.480+/-0.000 χ^2/NDF : 146254889644153107509632415272842297344.0/1
 Right Out: -4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: -2133.588+/-0.000 χ^2/NDF : 0.0/0
 All: -262.805+/-0.000 χ^2/NDF : 34218241976

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

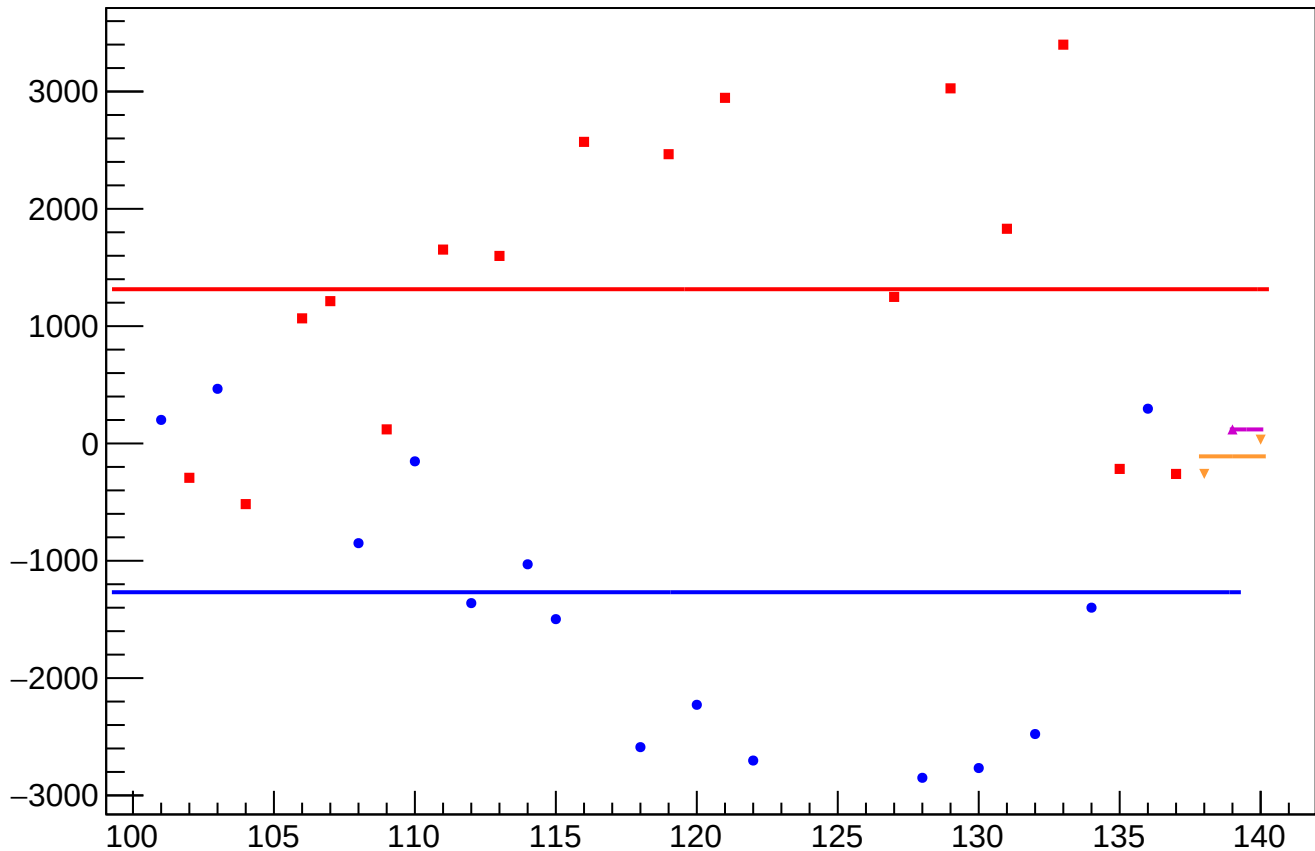
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: -1268.061+/-0.000

χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: -109.920+/-0.000

χ^2/NDF : 3407617527096128655600330321604640768.0/1

Right Out: 1314.767+/-0.000

χ^2/NDF : 1098471313864079013714609379653260935168.0/15

Left In: 119.652+/-0.000

χ^2/NDF : 0.0/0

Left: -32.761+/-0.000 χ^2/NDF : 6241771088293613

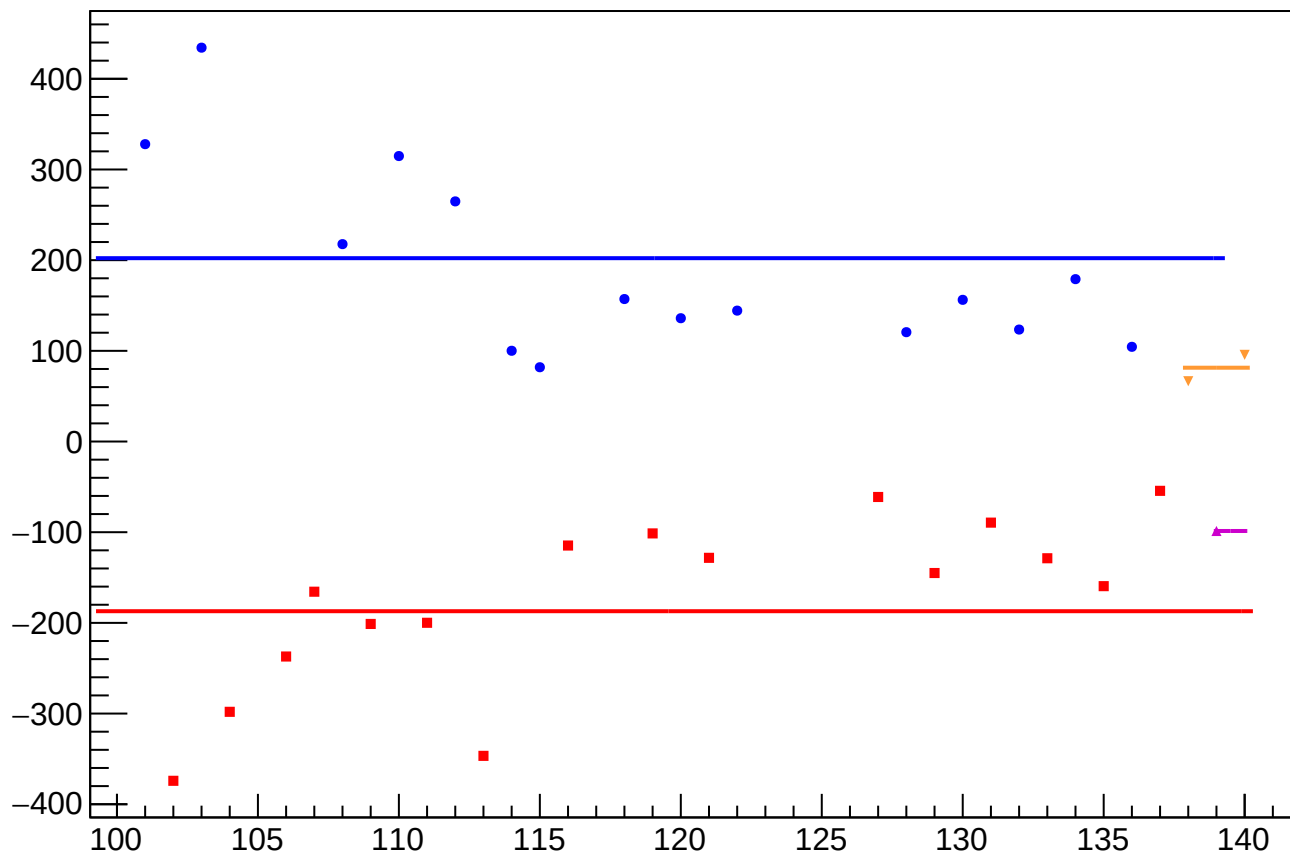
Right: 41.017+/-0.000 χ^2/NDF : 4385100658196815

In: -1114.081+/-0.000 χ^2/NDF : 123095818794064

Out: 1039.133+/-0.000 χ^2/NDF : 136380530623205

All: 29.597+/-0.000 χ^2/NDF : 4392451186827

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 202.191+/-0.000

χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 81.404+/-0.000

χ^2/NDF : 33846789245473457458086395158462464.0/1

Right Out: -187.126+/-0.000

χ^2/NDF : 6230029491605524746936515809941389312.0/15

Left In: -98.657+/-0.000

χ^2/NDF : 0.0/0

Left: 20.885+/-0.000 χ^2/NDF : 17773528184753925

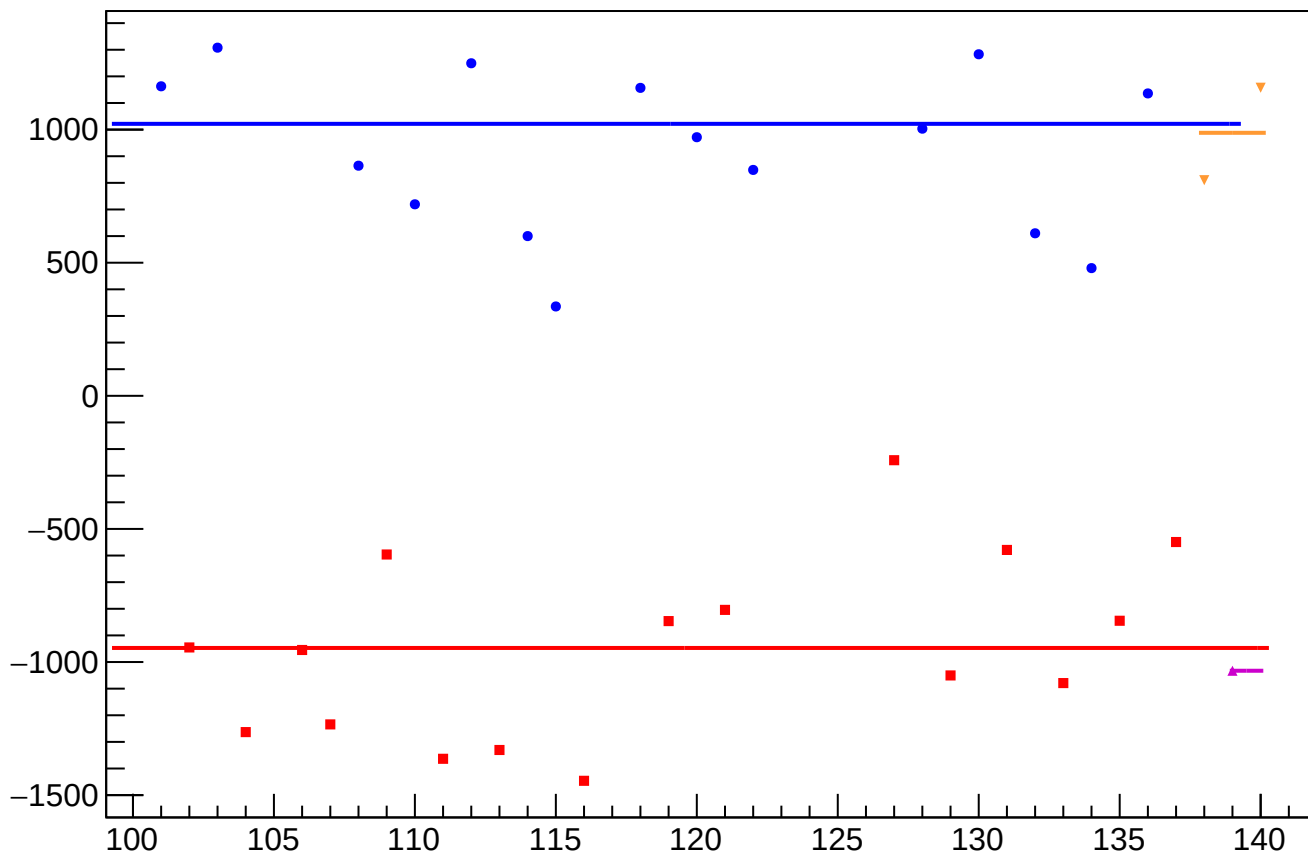
Right: 4.870+/-0.000 χ^2/NDF : 63114316335759506

In: 168.809+/-0.000 χ^2/NDF : 13545714334646274

Out: -135.173+/-0.000 χ^2/NDF : 155690417909715

All: 7.349+/-0.000 χ^2/NDF : 64943916515470

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

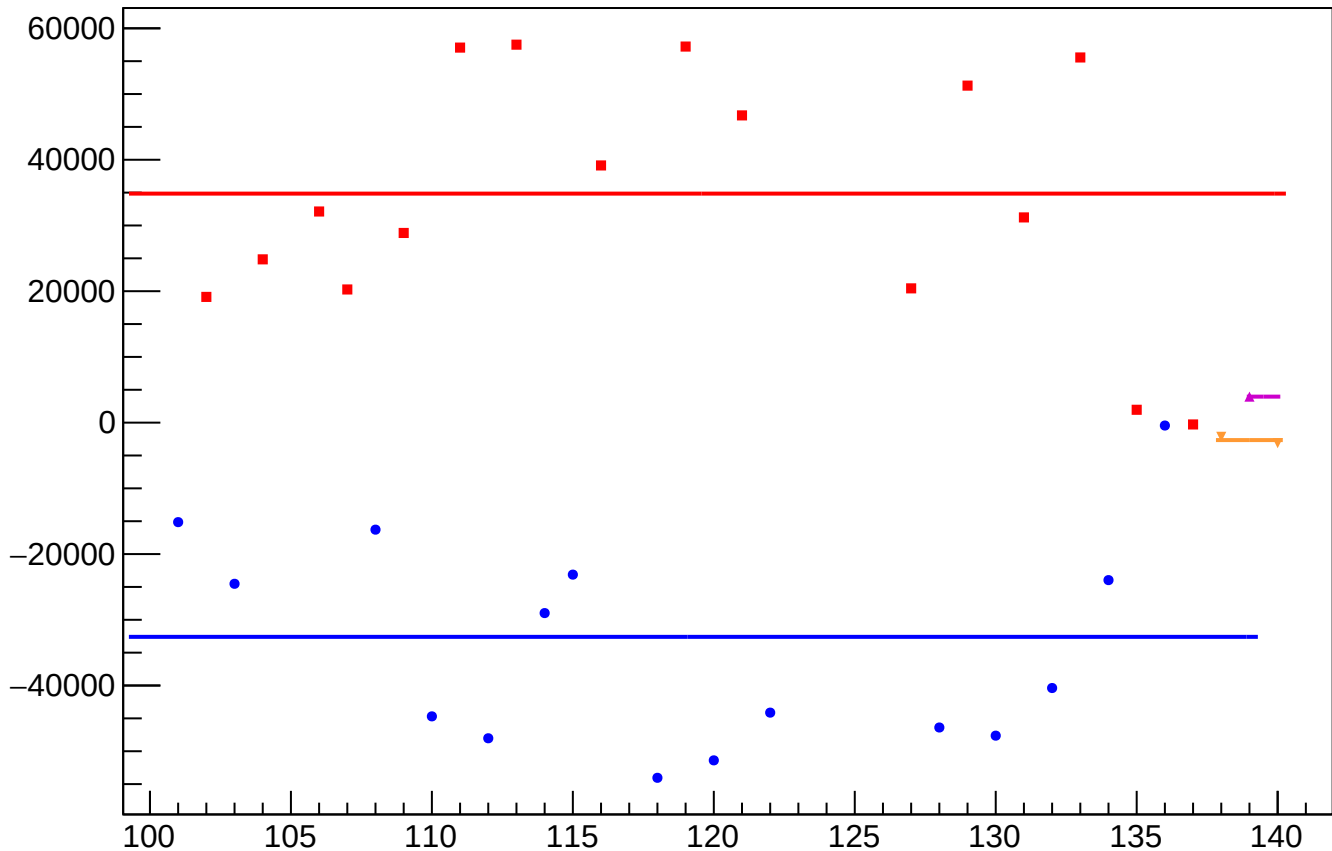
χ^2/NDF : 4187601.9/0

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -572.757+/-0.000 χ^2/NDF : 555839526341576

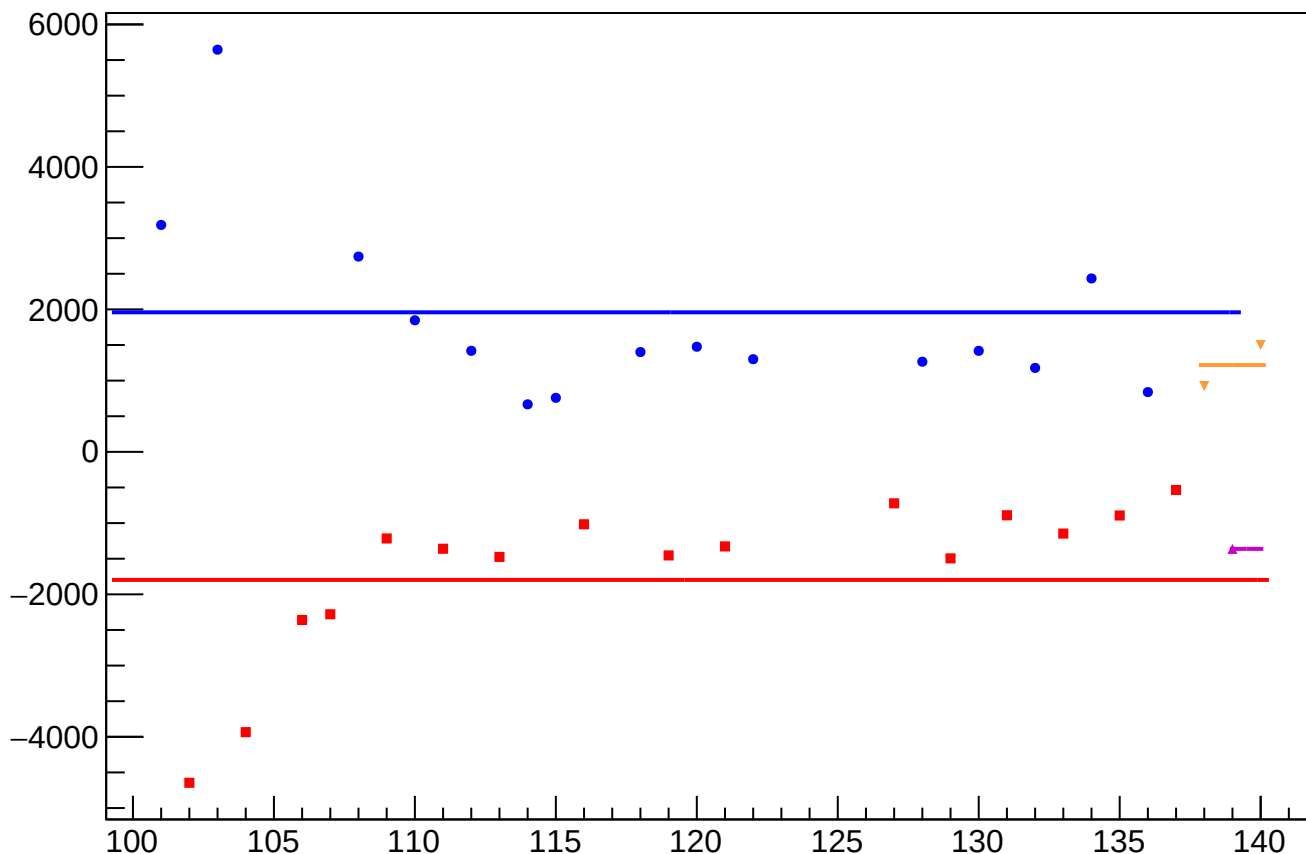
All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: -432.808+/-0.000 χ^2/NDF : 238904800005028
 Right In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Right: 1587.778+/-0.000 χ^2/NDF : 19264741132603
 Left Out: -2655.177+/-0.000 χ^2/NDF : 37875575166877437168515869013197193216.0/1
 In: -28539.190+/-0.000 χ^2/NDF : 30536244824483
 Right Out: 34848.046+/-0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Out: 27592.283+/-0.000 χ^2/NDF : 40266594109539
 Left In: 3957.057+/-0.000 χ^2/NDF : 0.0/0
 All: 1275.022+/-0.000 χ^2/NDF : 1929694808

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835+/-0.000

χ^2/NDF : 1189322999631358431600643692981190131712.0/14

Left Out: 1218.702+/-0.000

χ^2/NDF : 13267650959447252601819288286839963648.0/1

Right Out: -1797.392+/-0.000

χ^2/NDF : 955096623879958195657195074614240215040.0/15

Left In: -1361.926+/-0.000

χ^2/NDF : 0.0/0

Left: 351.354+/-0.000 χ^2/NDF : 3713960116822657

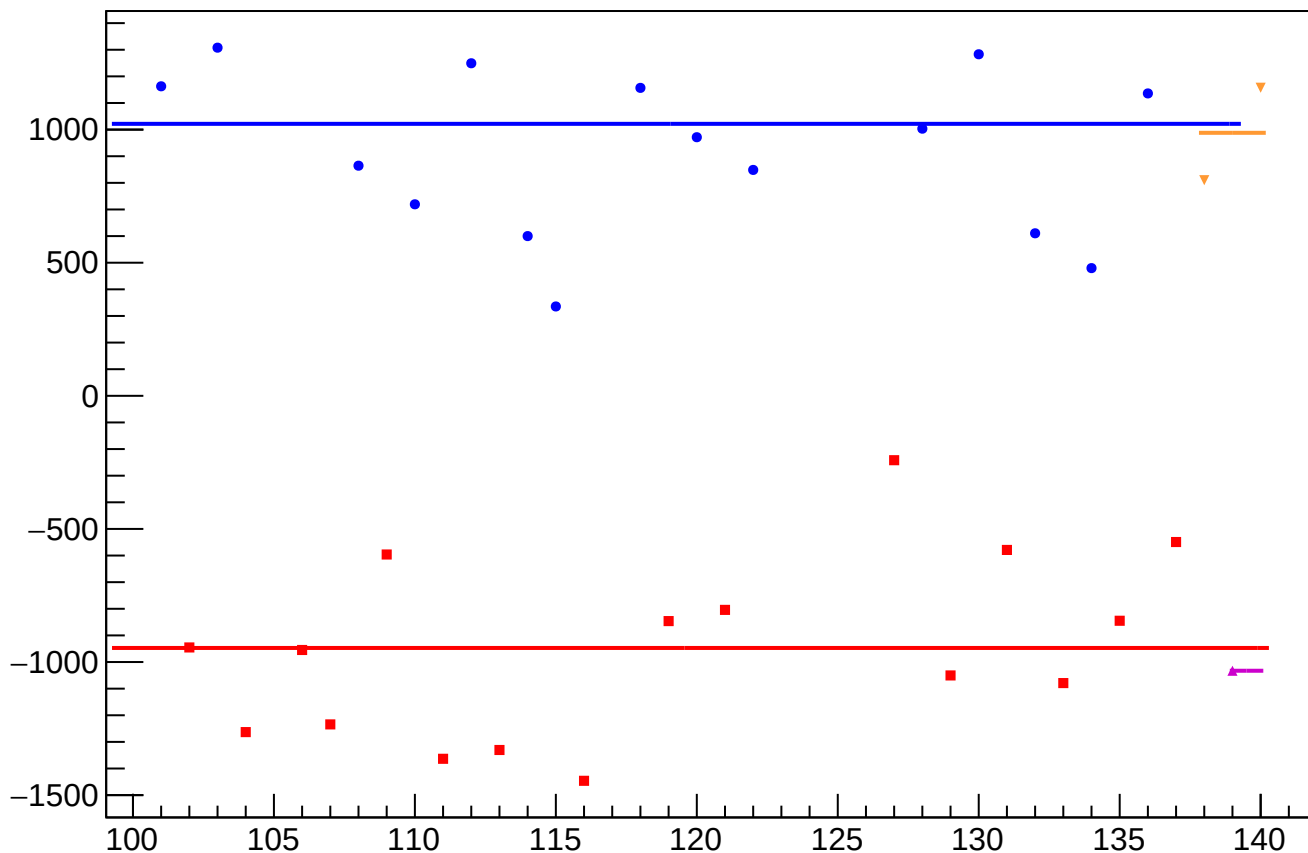
Right: 55.033+/-0.000 χ^2/NDF : 6785490652460108

In: 1590.367+/-0.000 χ^2/NDF : 1983435357865594

Out: -1213.867+/-0.000 χ^2/NDF : 21422614378249

All: 100.899+/-0.000 χ^2/NDF : 717477252450

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

Left: 308.813+/-0.000 χ^2/NDF : 2244050301176272

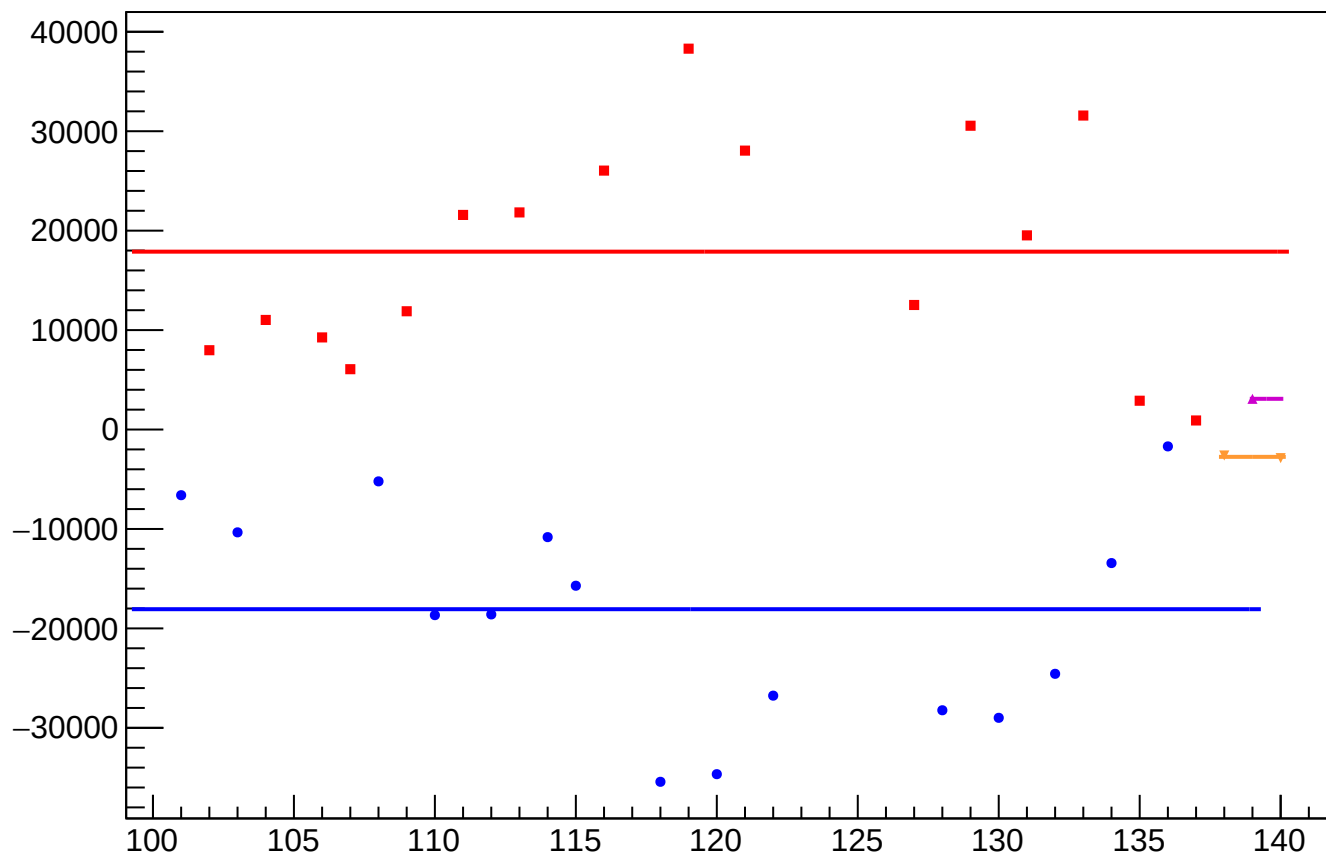
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -572.757+/-0.000 χ^2/NDF : 555839526341576

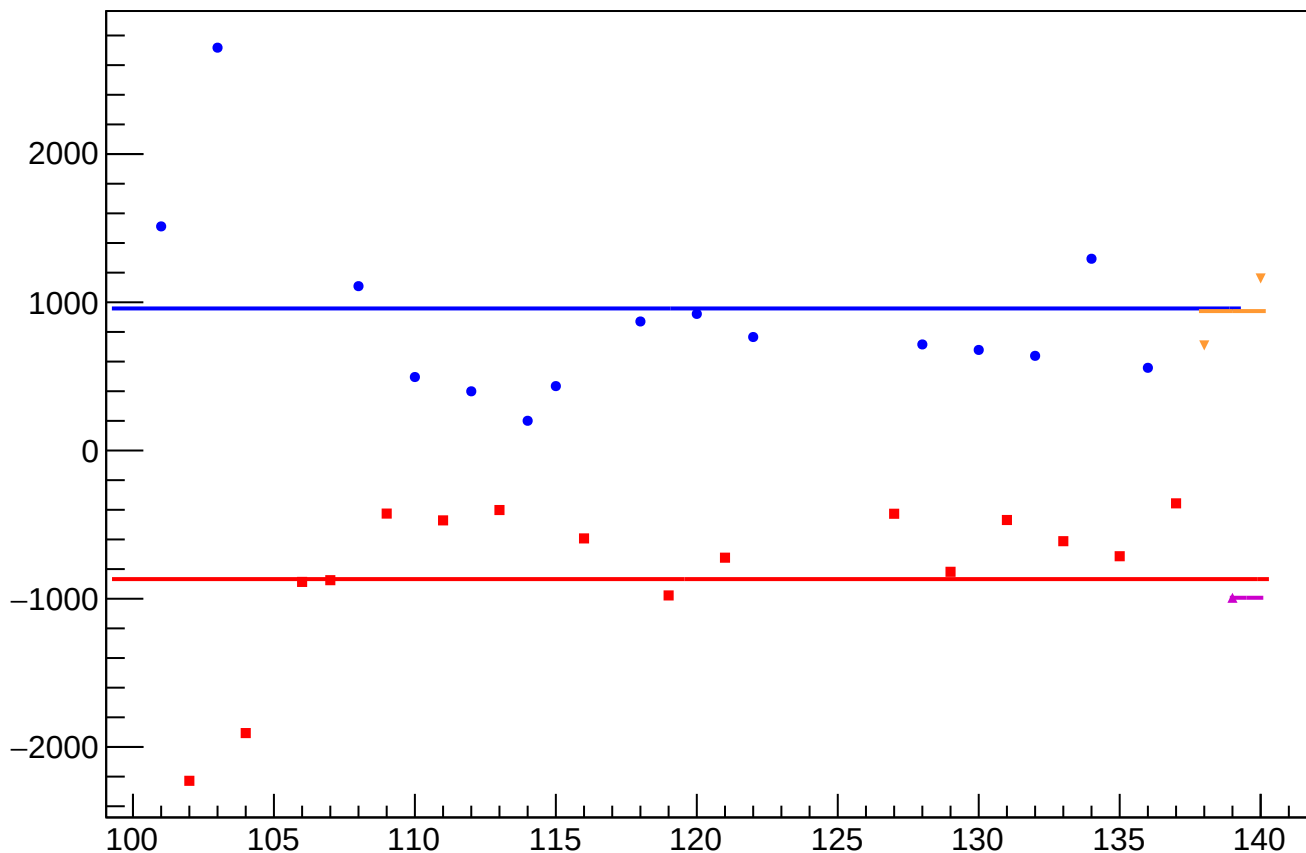
All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -2747.503+/-0.000 χ^2/NDF : 2833790134954148610978048095159320576.0/1
 Right Out: 17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: 3089.250+/-0.000 χ^2/NDF : 0.0/0
 All: 9.978+/-0.000 χ^2/NDF : 5900127999938

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 958.411 +/- 0.000

χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 940.682 +/- 0.000

χ^2/NDF : 8157427341042138306867749006493089792.0/1

Right Out: -867.538 +/- 0.000

χ^2/NDF : 216129851545166714122252317604488151040.0/15

Left In: -993.434 +/- 0.000

χ^2/NDF : 0.0/0

Left: 290.626 +/- 0.000 χ^2/NDF : 2093225607268771

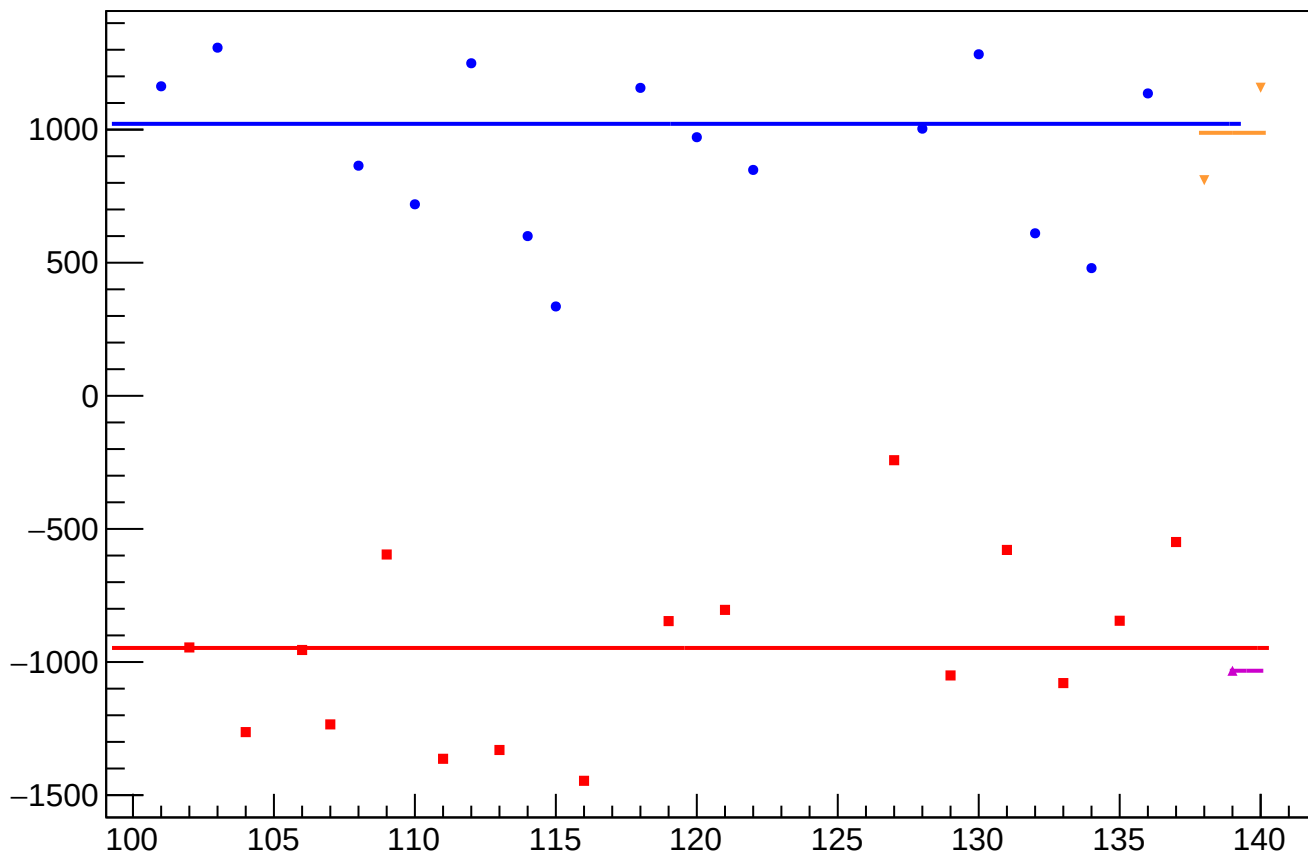
Right: 32.949 +/- 0.000 χ^2/NDF : 1577572239072451

In: 741.836 +/- 0.000 χ^2/NDF : 53907819455221954

Out: -517.701 +/- 0.000 χ^2/NDF : 646219283972081

All: 72.834 +/- 0.000 χ^2/NDF : 1800419776444

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

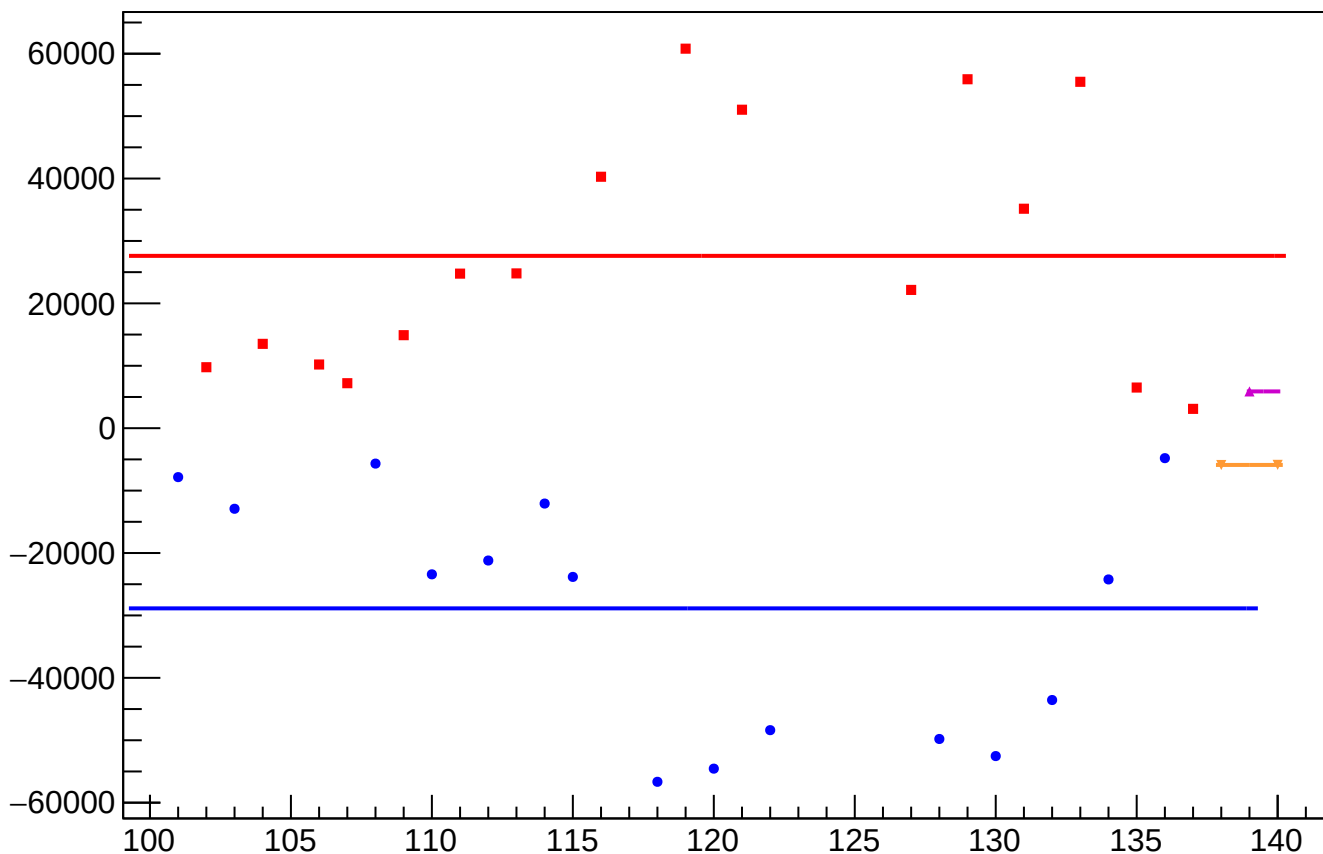
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: -28868.624+/-0.000

χ^2/NDF : 261450701095727362961367657926584124309504.0/14

Left Out: -5887.878+/-0.000

χ^2/NDF : 21287523557696002220977366224601088.0/1

Right Out: 27610.848+/-0.000

χ^2/NDF : 248097983477523504935751571384400118546432.0/15

Left In: 5891.968+/-0.000

χ^2/NDF : 0.0/0

Left: -1928.677+/-0.000 χ^2/NDF : 74622262508928

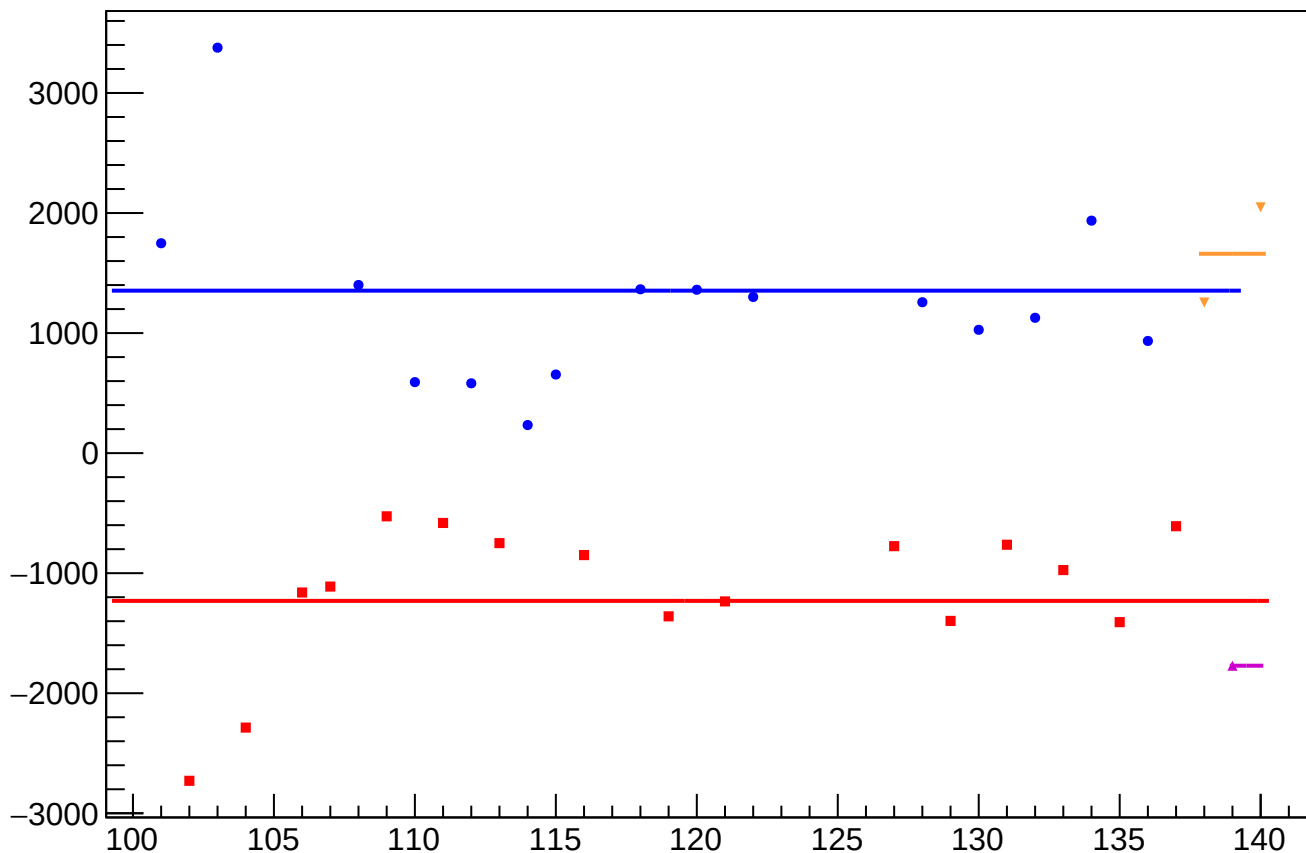
Right: -242.630+/-0.000 χ^2/NDF : 15588395560755

In: -25011.627+/-0.000 χ^2/NDF : 34846310692925

Out: 21129.837+/-0.000 χ^2/NDF : 39290744903729

All: -503.605+/-0.000 χ^2/NDF : 15668808421

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 1353.413+/-0.000

Left Out: 1660.780+/-0.000

Right Out: -1230.633+/-0.000

Left In: -1770.774+/-0.000

χ^2/NDF : 352887966702770713373861839880553758720.0/14

χ^2/NDF : 25143045738392052114020731324574203904.0/1

χ^2/NDF : 276989454129150005656872744539903754240.0/15

χ^2/NDF : 0.0/0

Left: 507.436+/-0.000 χ^2/NDF : 6583849833672168

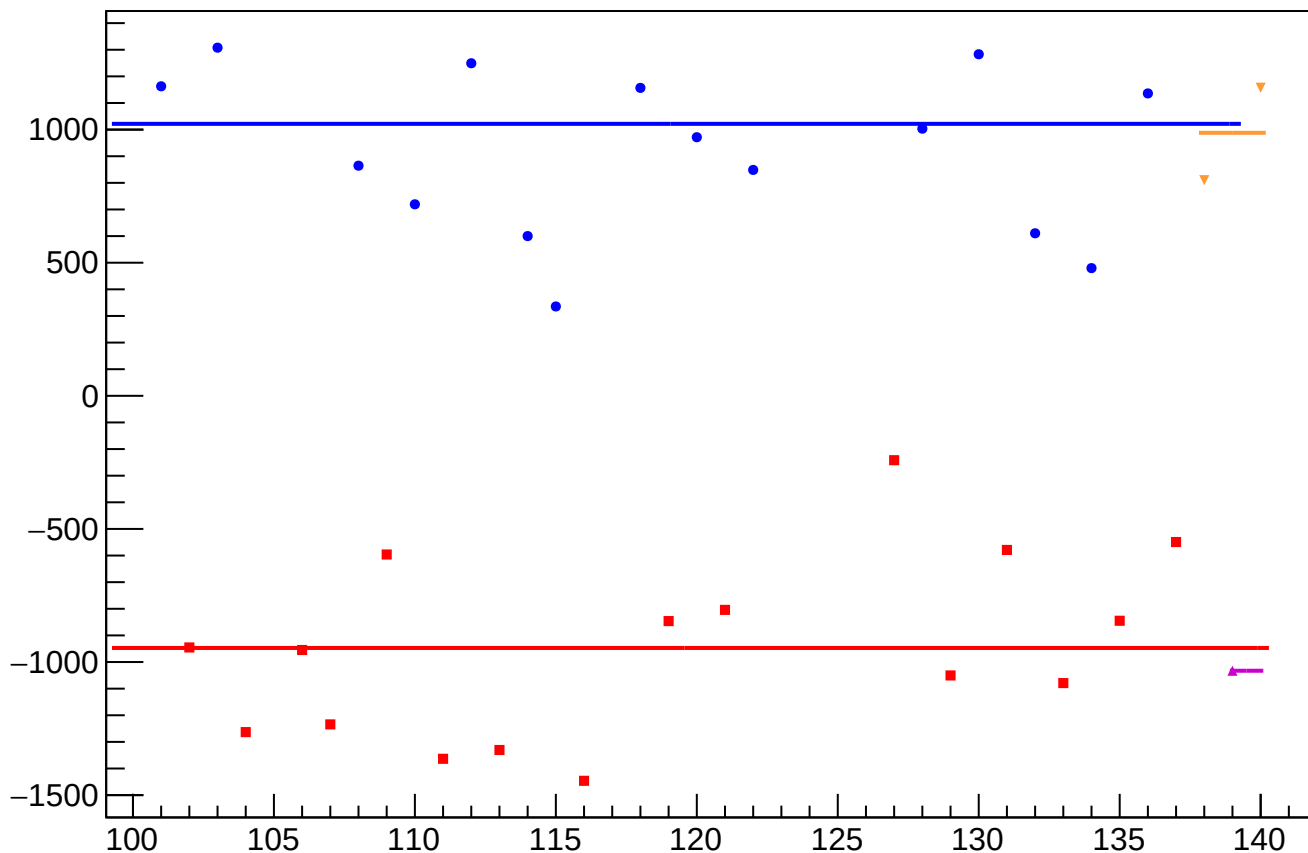
Right: 43.718+/-0.000 χ^2/NDF : 2826295721143961

In: 1006.757+/-0.000 χ^2/NDF : 1055767703887572

Out: -671.230+/-0.000 χ^2/NDF : 138098086942135

All: 115.495+/-0.000 χ^2/NDF : 352848247623

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

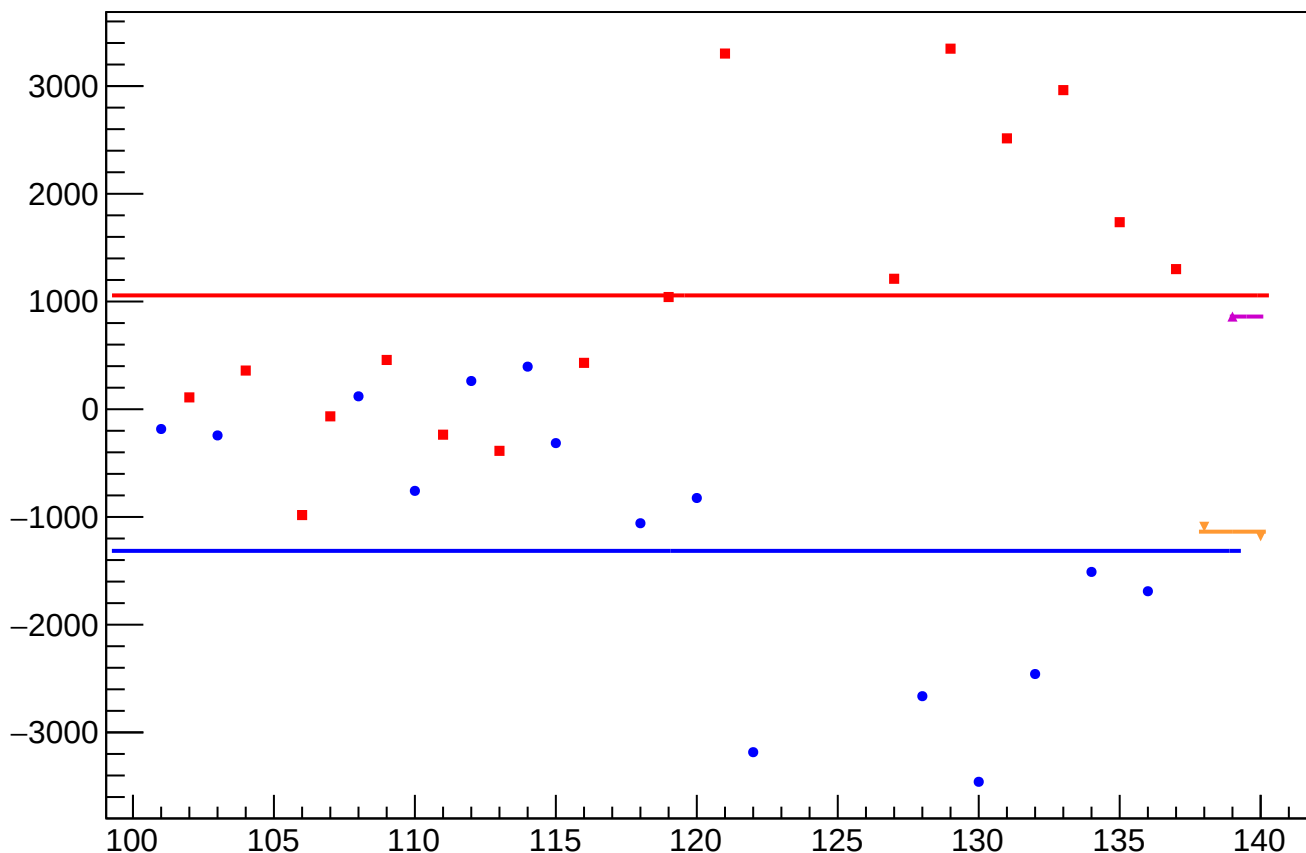
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: -1314.782+/-0.000

Left Out: -1136.457+/-0.000

Right Out: 1056.765+/-0.000

Left In: 860.420+/-0.000

χ^2/NDF : 966082368518203481544021644405645508608.0/14

χ^2/NDF : 313237547359404424675317532158066688.0/1

χ^2/NDF : 1127141594187417021949832477353286041600.0/15

χ^2/NDF : 0.0/0

Left: -465.308+/-0.000 χ^2/NDF : 214745668562729

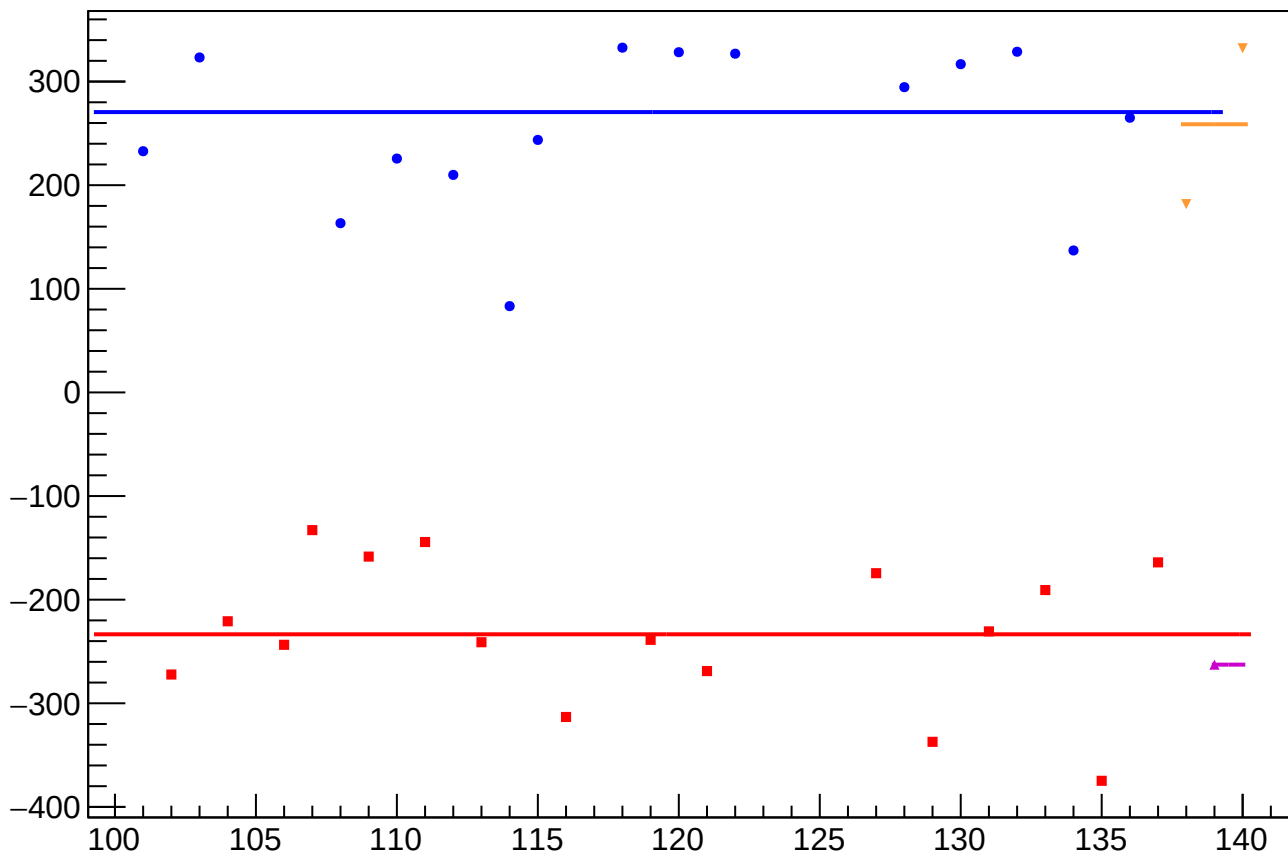
Right: -112.789+/-0.000 χ^2/NDF : 39432514405702

In: -1073.424+/-0.000 χ^2/NDF : 130680877342913

Out: 632.442+/-0.000 χ^2/NDF : 1748189078307357

All: -167.354+/-0.000 χ^2/NDF : 41833103436

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 270.538+/-0.000

χ^2/NDF : 2473839905347950323907848405170257920.0/14

Left Out: 258.805+/-0.000

χ^2/NDF : 904176791447637497100992771996516352.0/1

Right Out: -233.421+/-0.000

χ^2/NDF : 3048529087317888615064010247743995904.0/15

Left In: -262.706+/-0.000

χ^2/NDF : 261725.1/0

Left: 83.525+/-0.000 χ^2/NDF : 1552981001755565

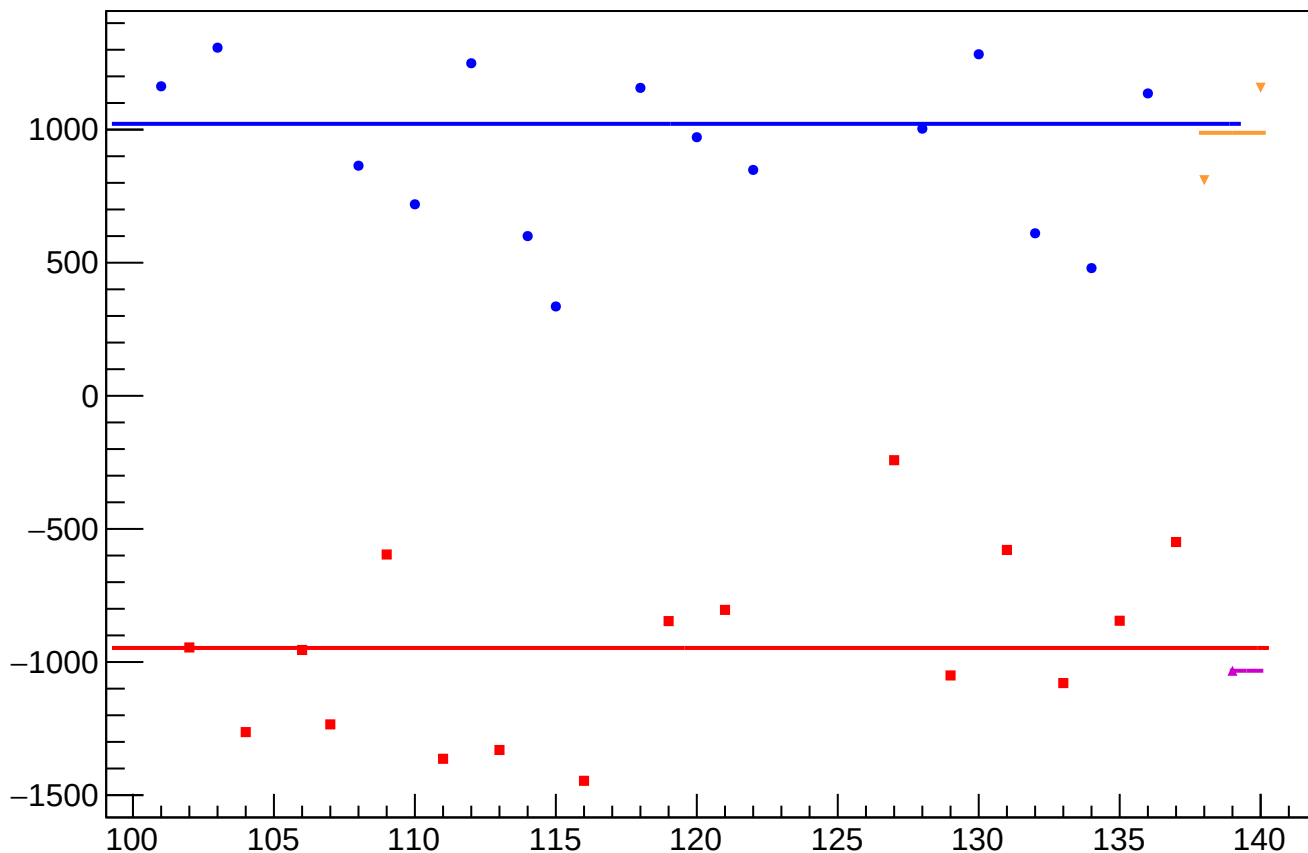
Right: 15.112+/-0.000 χ^2/NDF : 8906438963054982

In: 211.370+/-0.000 χ^2/NDF : 22950486275807932

Out: -138.190+/-0.000 χ^2/NDF : 352184713693168

All: 25.701+/-0.000 χ^2/NDF : 1055475774711

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

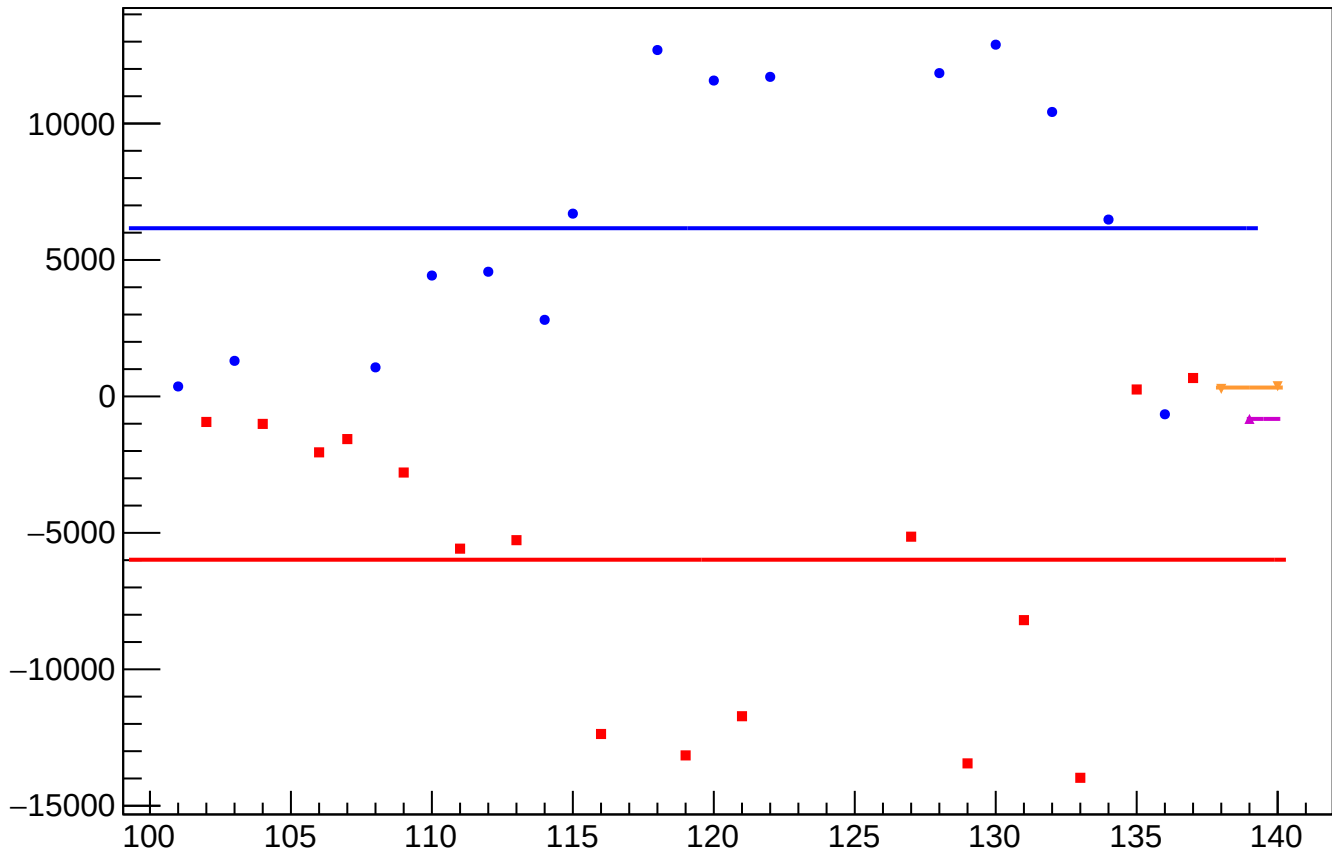
Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690
Out: -572.757+/-0.000 χ^2/NDF : 555839526341576

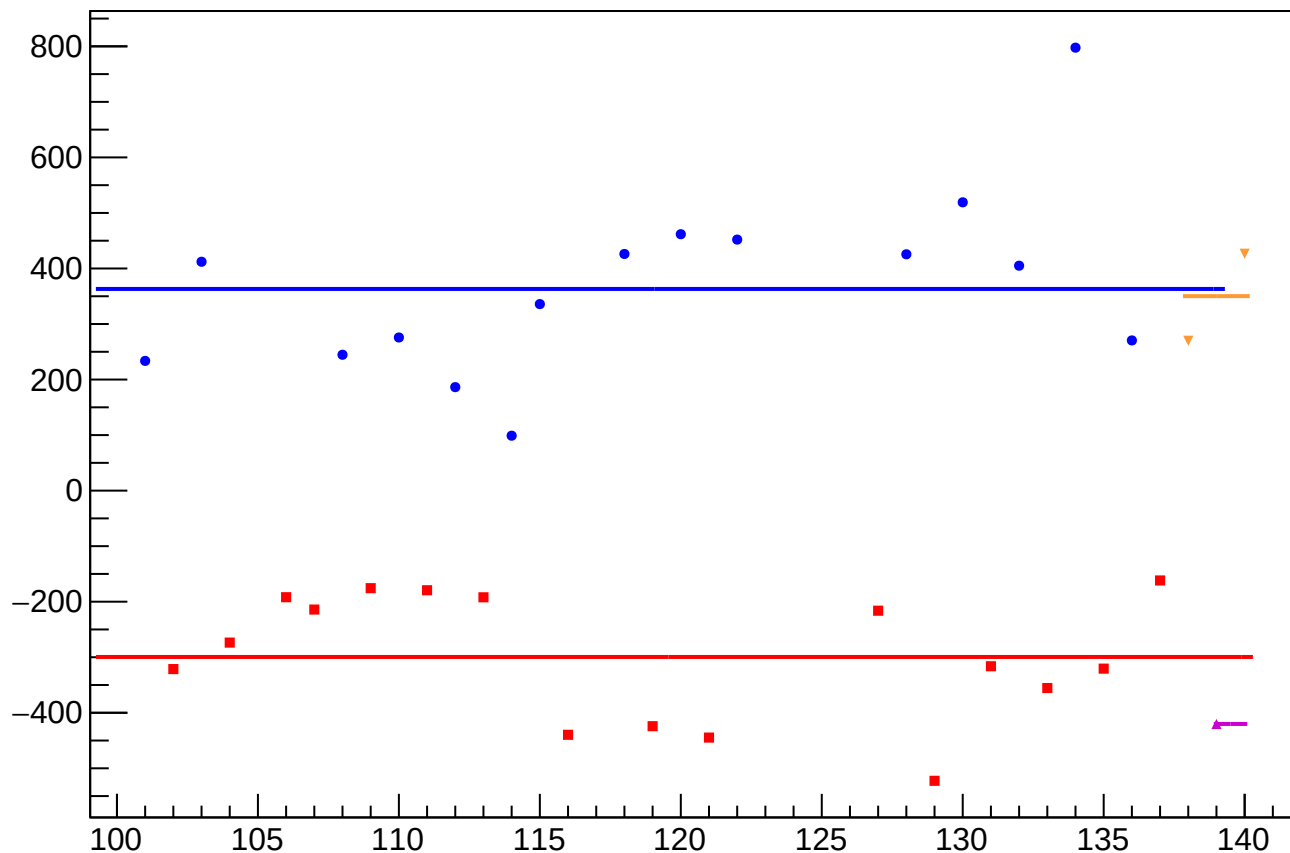
All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 325.300+/-0.000 χ^2/NDF : 375128296264920551036969954825994240.0/1
 Right Out: -5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: -823.987+/-0.000 χ^2/NDF : 1046900.5/0
 In: 5388.127+/-0.000 χ^2/NDF : 2171656716428676
 Out: -4763.238+/-0.000 χ^2/NDF : 22642293474855
 All: -3.767+/-0.000 χ^2/NDF : 8431546976068

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 350.197+/-0.000 χ^2/NDF : 982143642328923379815068191600672768.0/1

Right Out: -299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: -420.155+/-0.000 χ^2/NDF : 0.0/0

Left: 91.282+/-0.000 χ^2/NDF : 32895050905626141

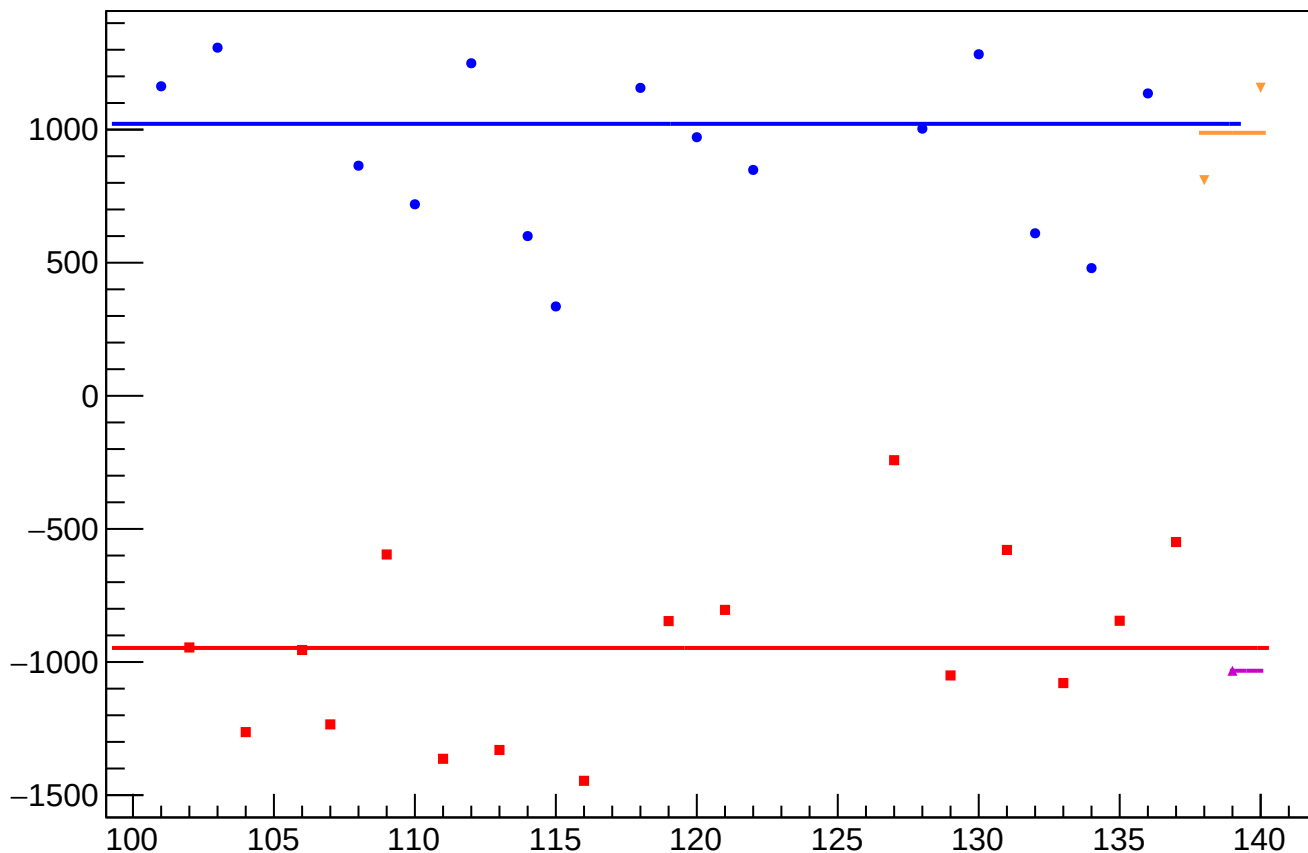
Right: 27.278+/-0.000 χ^2/NDF : 1636258096450768

In: 276.220+/-0.000 χ^2/NDF : 55685250236442580

Out: -173.814+/-0.000 χ^2/NDF : 631406746378333

All: 37.185+/-0.000 χ^2/NDF : 1973553219056

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

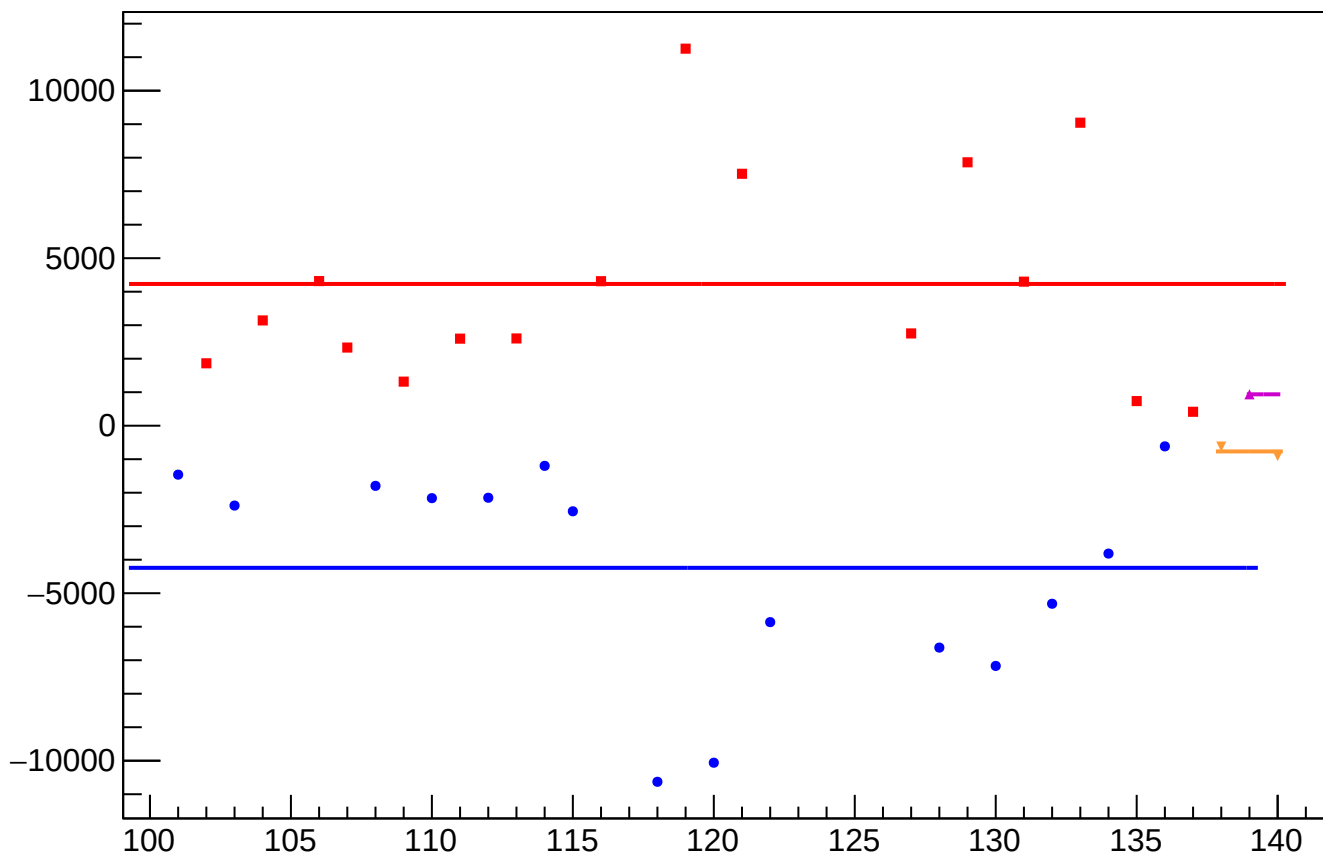
χ^2/NDF : 4187601.9/0

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -572.757+/-0.000 χ^2/NDF : 555839526341576

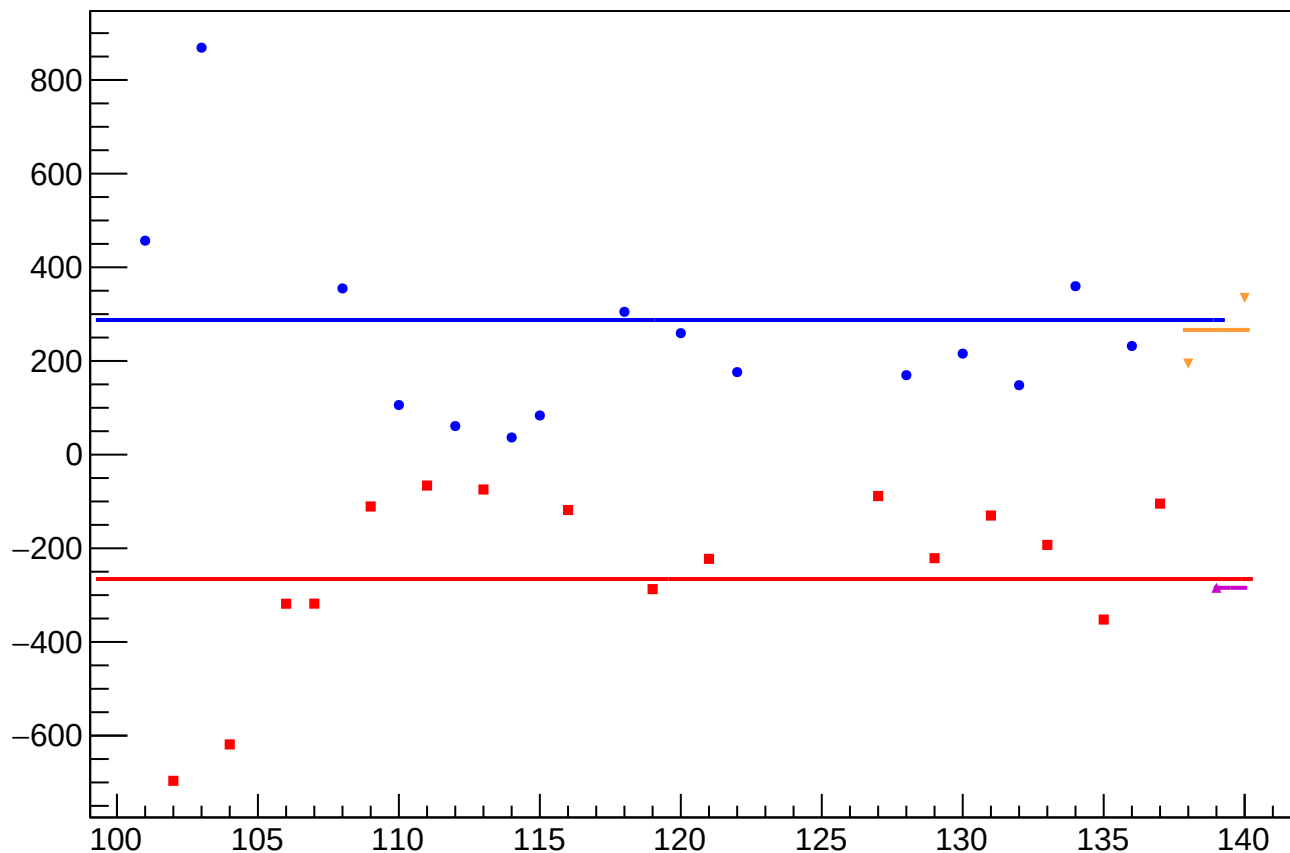
All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -768.183+/-0.000 χ^2/NDF : 3200011829403575616474842675191742464.0/1
 Right Out: 4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: 936.722+/-0.000 χ^2/NDF : 0.0/0
 All: 14.038+/-0.000 χ^2/NDF : 3725378236851

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 287.460+/-0.000

χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 266.310+/-0.000

χ^2/NDF : 785965843469741525307544668622290944.0/1

Right Out: -265.593+/-0.000

χ^2/NDF : 25843263106329059274985499259066908672.0/15

Left In: -284.301+/-0.000

χ^2/NDF : 0.0/0

Left: 81.250+/-0.000 χ^2/NDF : 17089320354465092

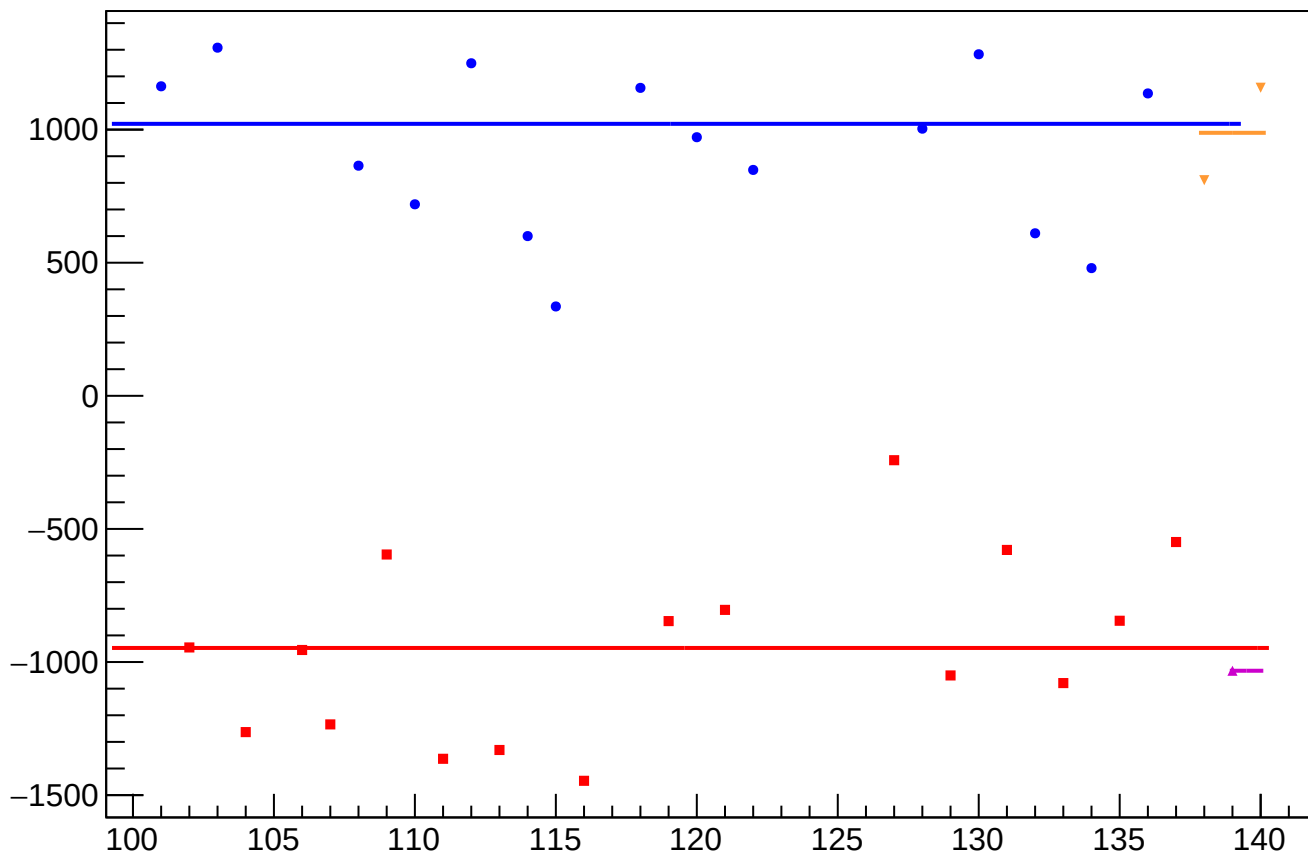
Right: 7.151+/-0.000 χ^2/NDF : 15597171601313483

In: 224.018+/-0.000 χ^2/NDF : 53058572909842340

Out: -162.685+/-0.000 χ^2/NDF : 631386375744771

All: 18.621+/-0.000 χ^2/NDF : 1741794626476

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

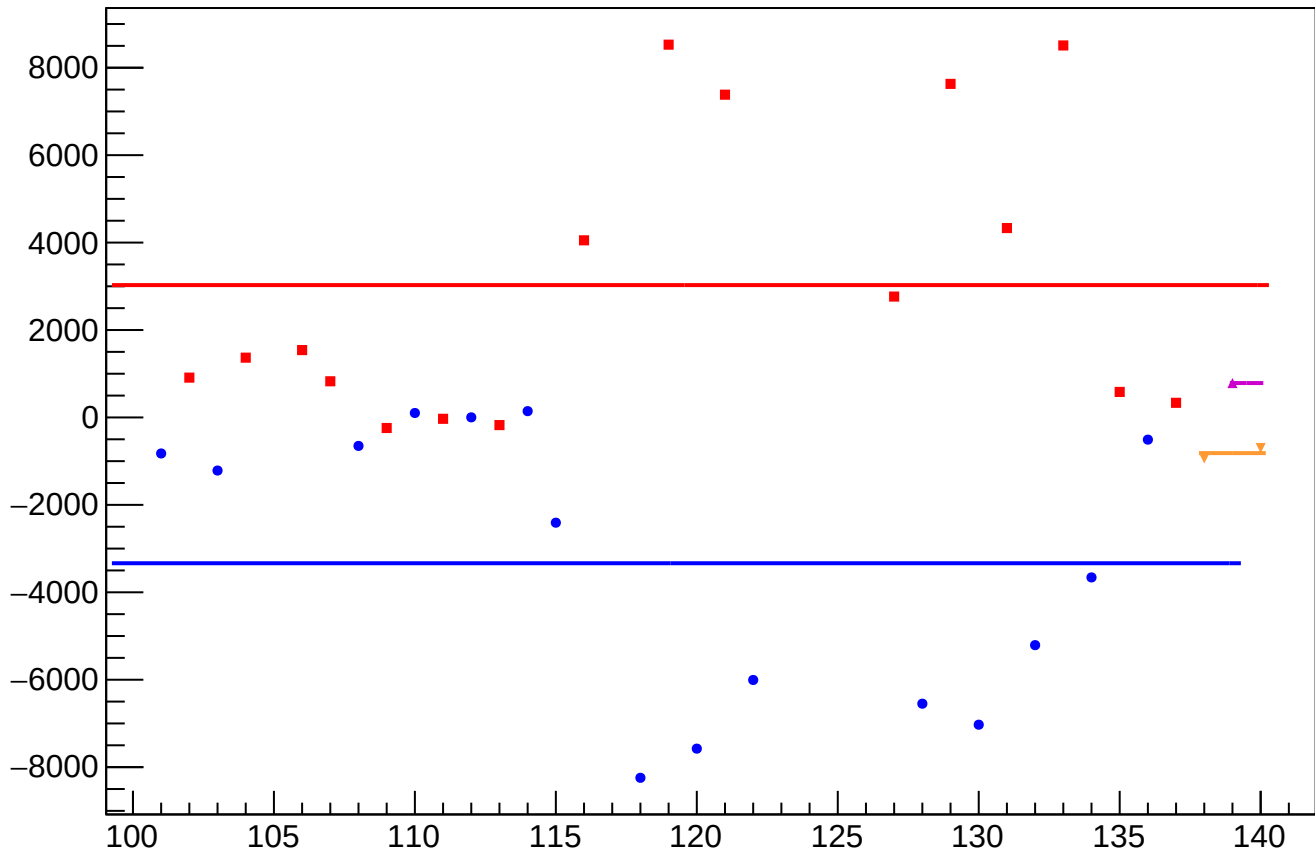
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: -3335.273+/-0.000

χ^2/NDF : 6338087251589637529030075517152423575552.0/14

Left Out: -815.764+/-0.000

χ^2/NDF : 2283271446323404993849594603179606016.0/1

Right Out: 3027.603+/-0.000

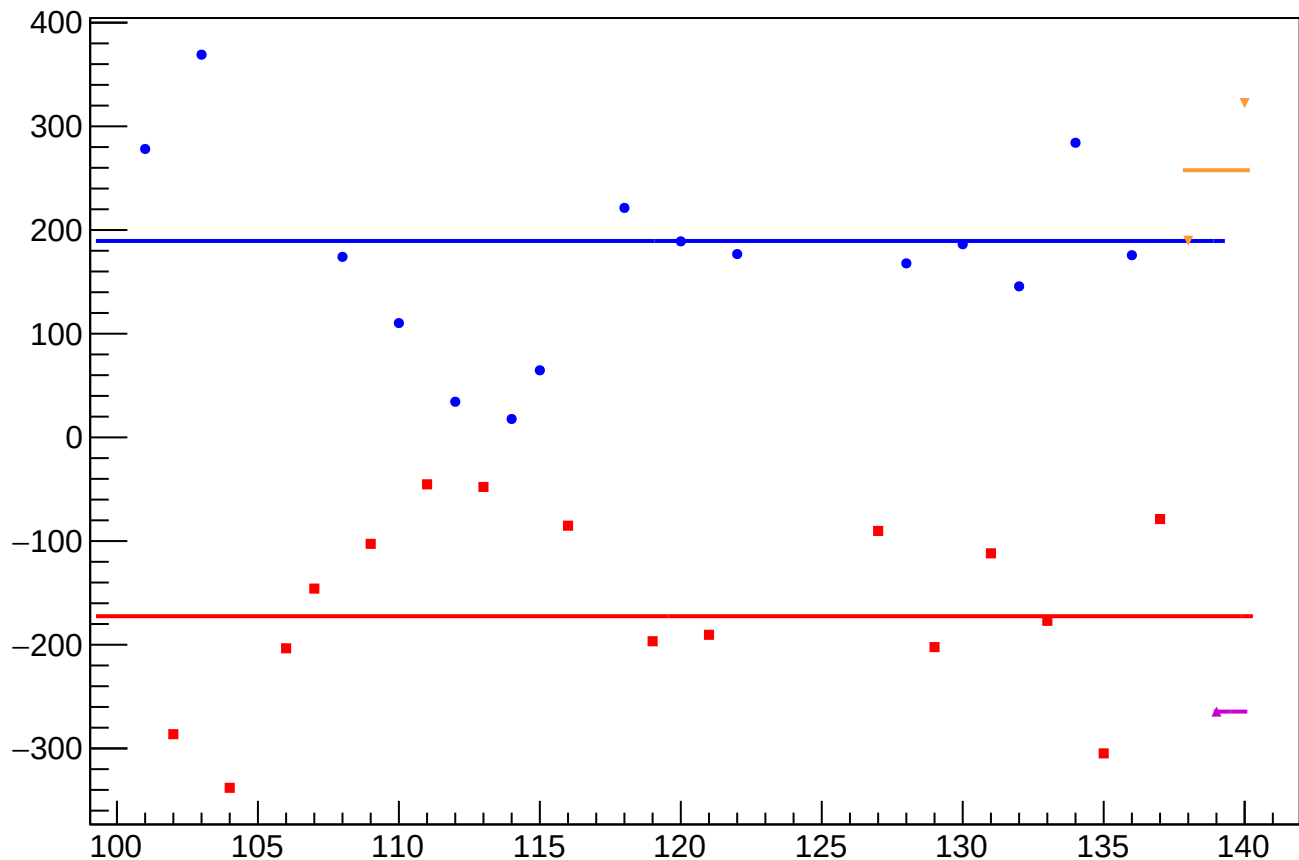
χ^2/NDF : 7086157086694396583090903767581326311424.0/15

Left In: 786.745+/-0.000

χ^2/NDF : 1046900.5/0

All: -136.144+/-0.000 χ^2/NDF : 26887759366

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 189.442+/-0.000

χ^2/NDF : 4707234253929700721726064108794544128.0/14

Left Out: 257.692+/-0.000

χ^2/NDF : 704790679389936990560705601974829056.0/1

Right Out: -172.485+/-0.000

χ^2/NDF : 5594813408996728261938711470404534272.0/15

Left In: -264.471+/-0.000

χ^2/NDF : 0.0/0

Left: 82.193+/-0.000 χ^2/NDF : 15367009623603234

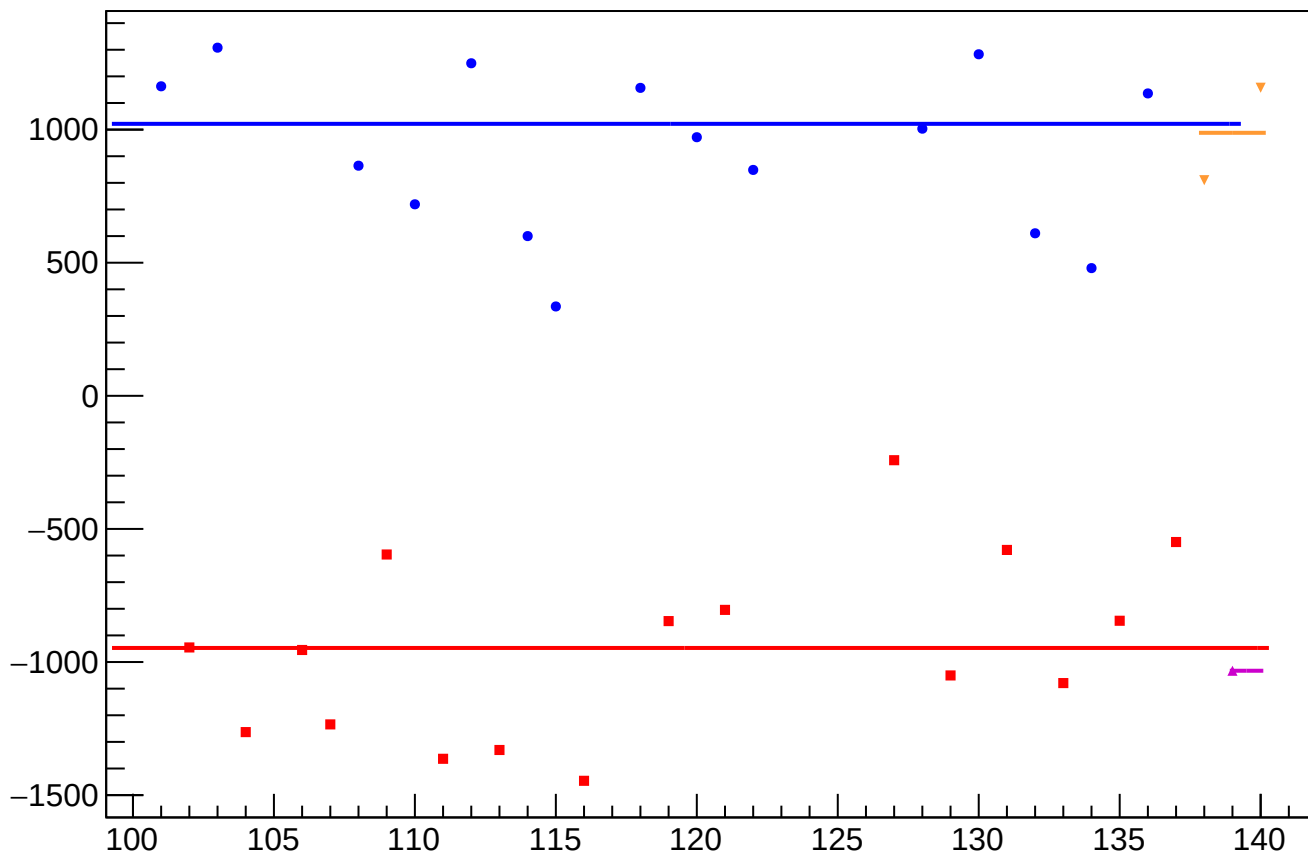
Right: 6.003+/-0.000 χ^2/NDF : 53389896429660457

In: 139.076+/-0.000 χ^2/NDF : 19544412603731220

Out: -89.258+/-0.000 χ^2/NDF : 3017955604318259

All: 17.796+/-0.000 χ^2/NDF : 6993934195403

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 987.975+/-0.000

χ^2/NDF : 4822184975672300177523512052558069760.0/1

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

Left: 308.813+/-0.000 χ^2/NDF : 2244050301176272

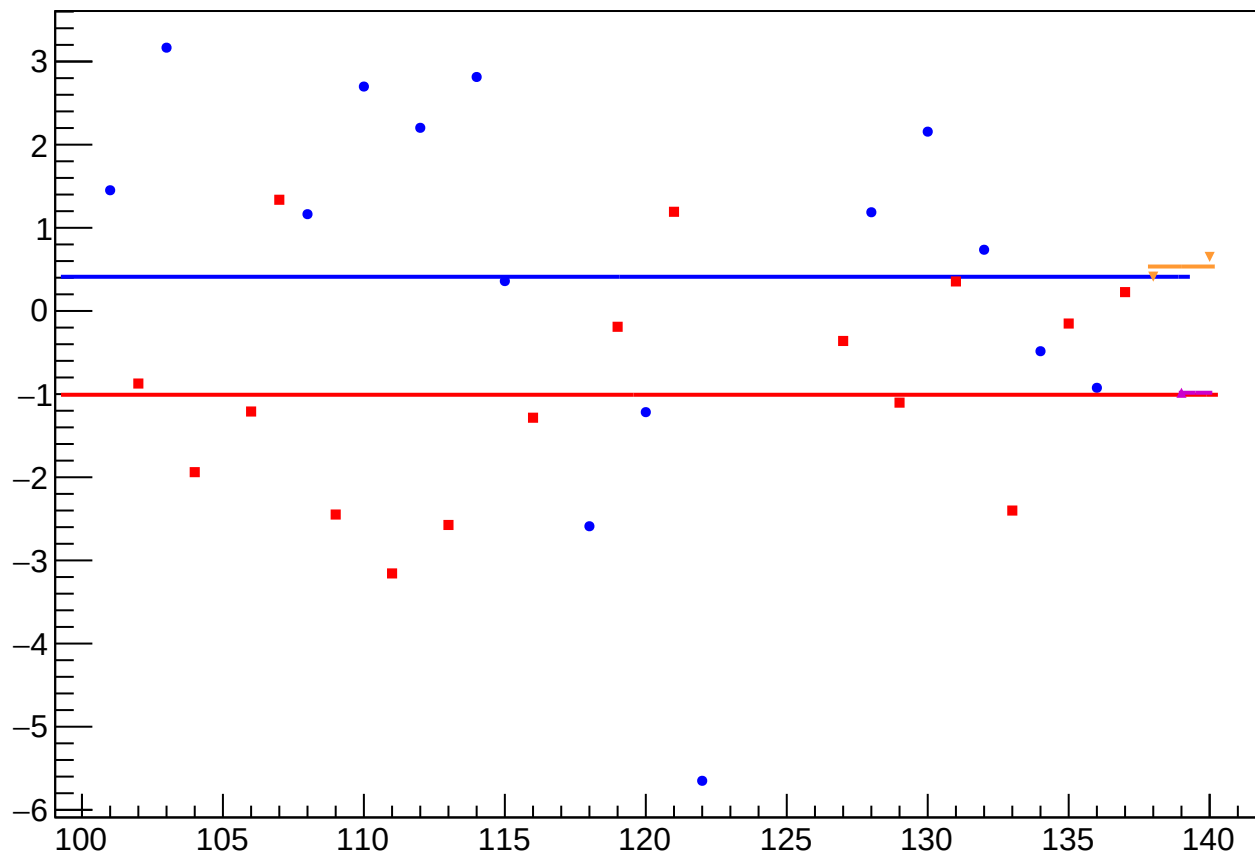
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -572.757+/-0.000 χ^2/NDF : 555839526341576

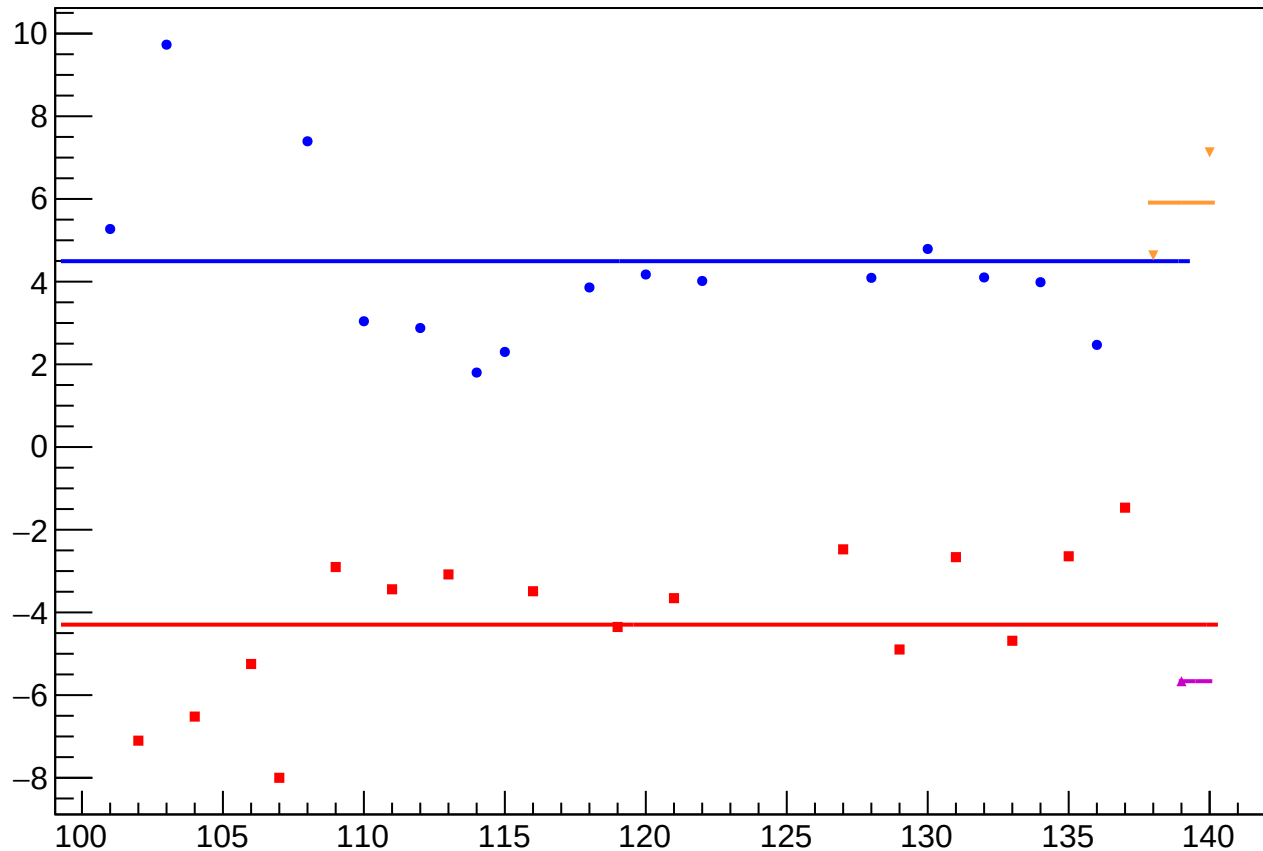
All: 67.920+/-0.000 χ^2/NDF : 1624289824827

dit_4aX_coil4_mean vs Slug, Sign Corrected



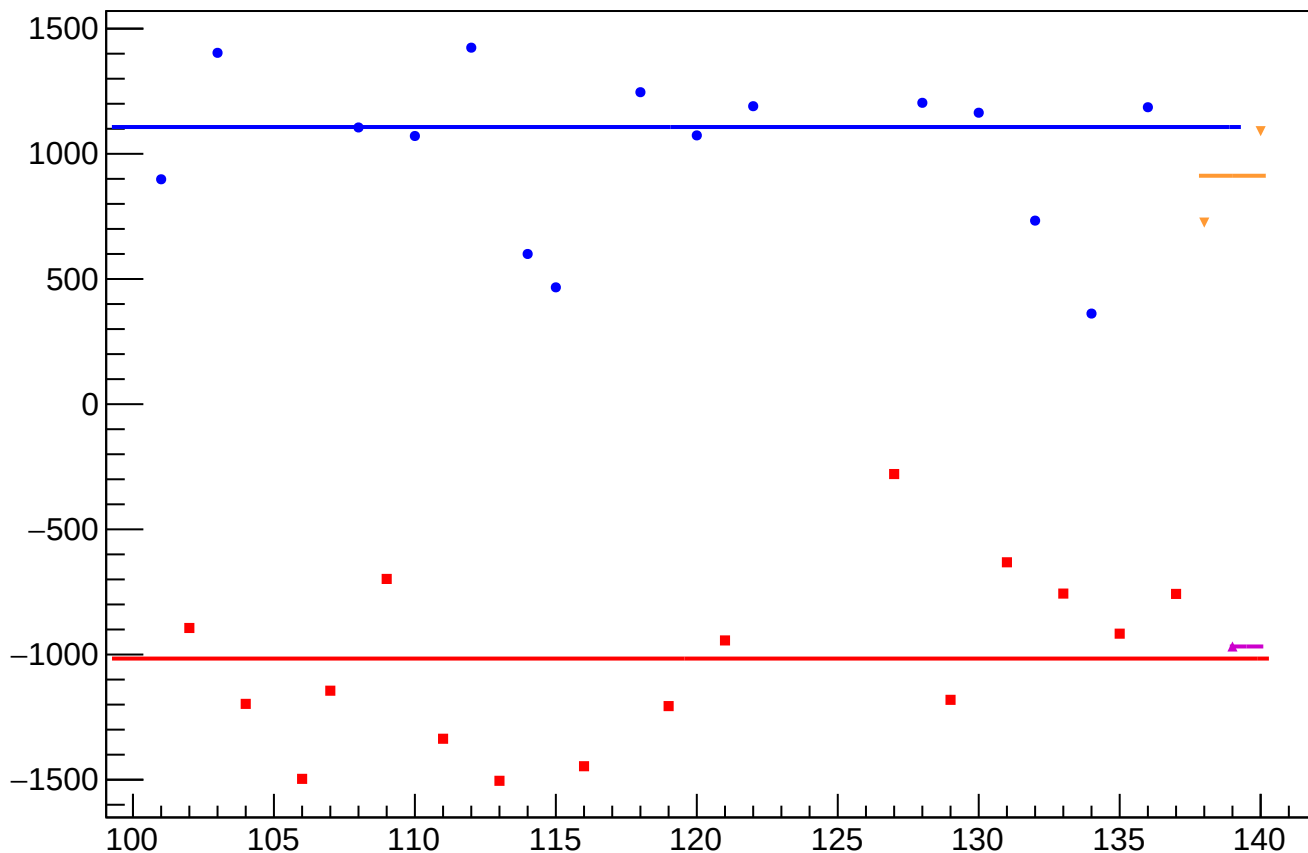
Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: 0.534+/-0.000 χ^2/NDF : 2251611118155802367862201384960.0/1
 Right Out: -1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: -0.983+/-0.000 χ^2/NDF : 0.0/0
 All: -0.257+/-0.000 χ^2/NDF : 5324966688977

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



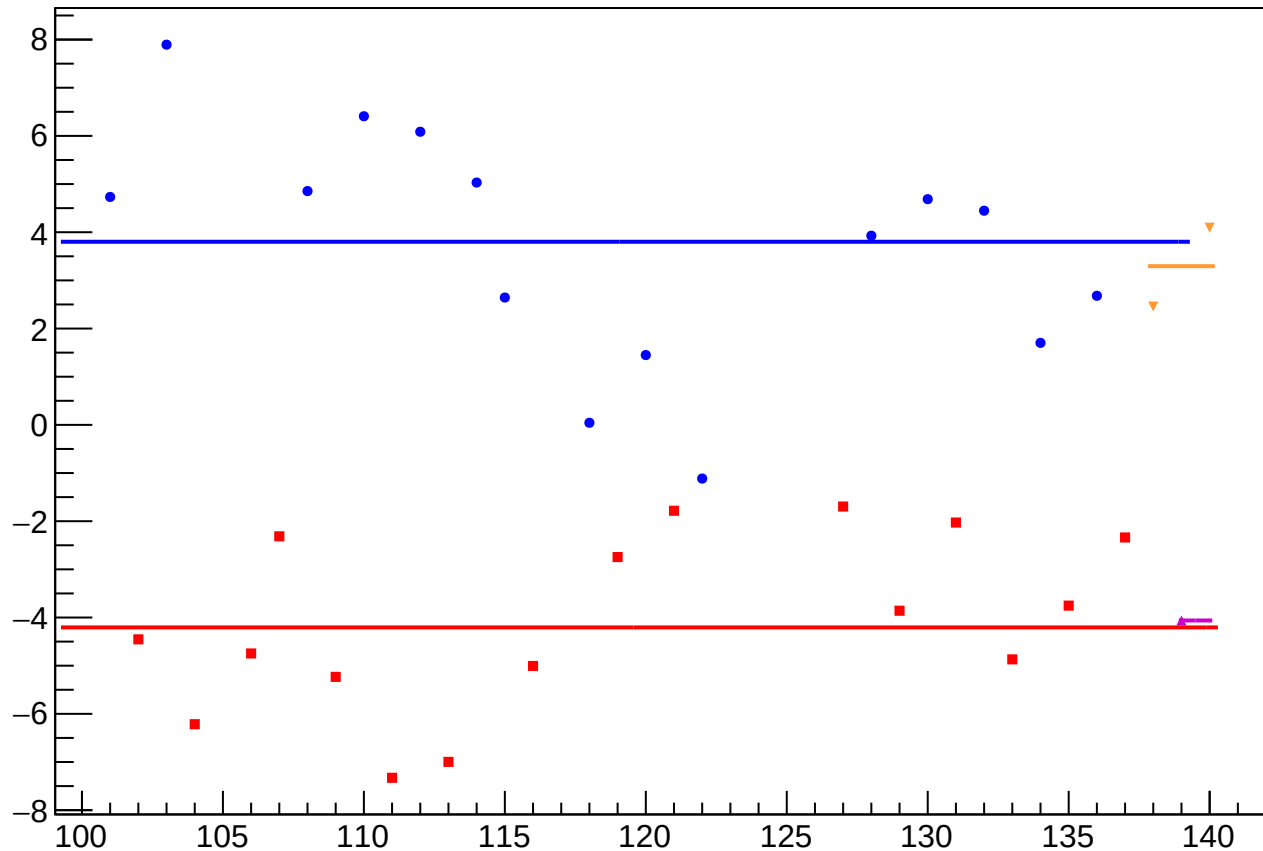
Right In: 4.495+/-0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 5.912+/-0.000 χ^2/NDF : 248338770838015149260541169500160.0/1
 Right Out: -4.296+/-0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: -5.663+/-0.000 χ^2/NDF : 0.0/0
 All: 0.346+/-0.000 χ^2/NDF : 38426523217895

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 3.802+/-0.000

χ^2/NDF : 3795476074398338930564700657680384.0/14

Left Out: 3.295+/-0.000

χ^2/NDF : 107170605072380569994235006156800.0/1

Right Out: -4.206+/-0.000

χ^2/NDF : 2096427813341454573332265183477760.0/15

Left In: -4.062+/-0.000

χ^2/NDF : 0.0/0

Left: 0.822+/-0.000

χ^2/NDF : 301775046499844070

Right: -0.257+/-0.000

χ^2/NDF : 2698438341107243

In: 2.929+/-0.000

χ^2/NDF : 8248607455106463996

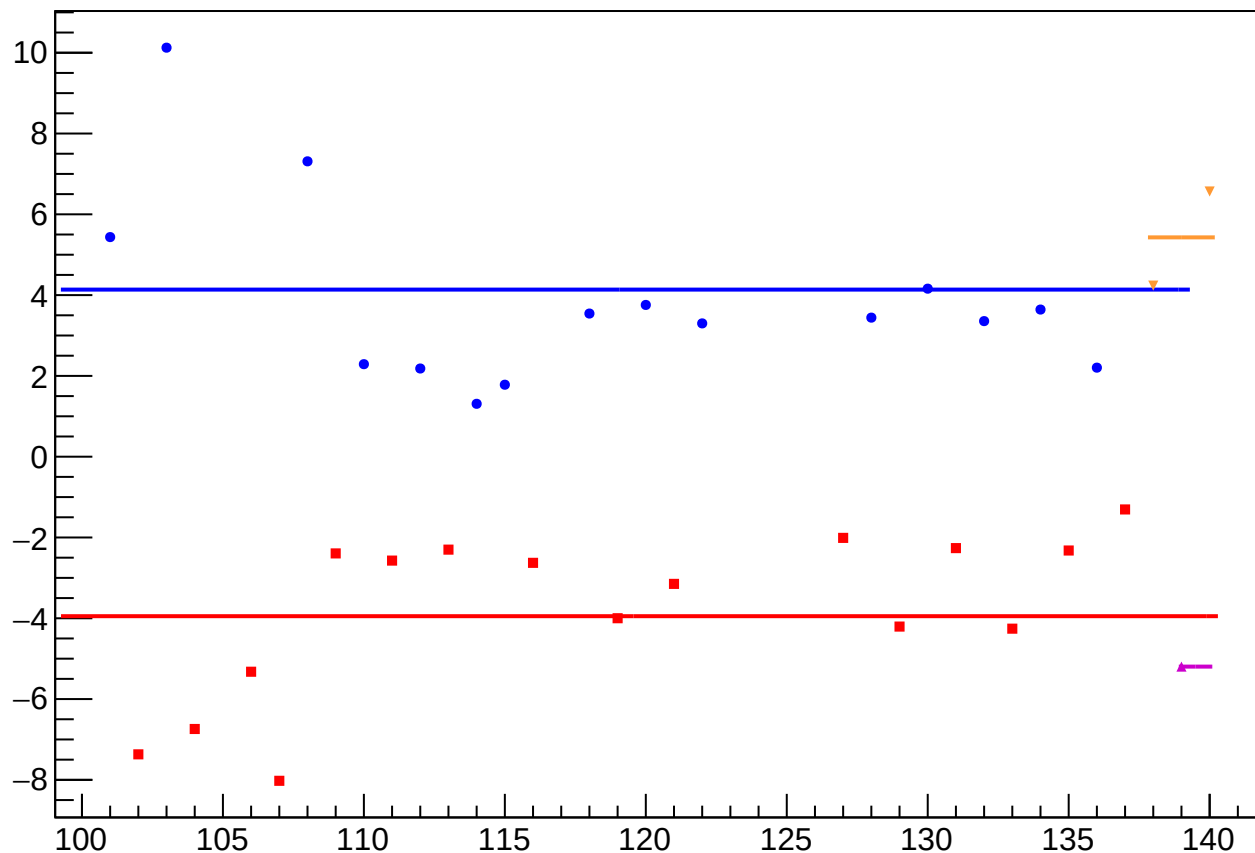
Out: -2.755+/-0.000

χ^2/NDF : 94640076142641559

All: -0.090+/-0.000

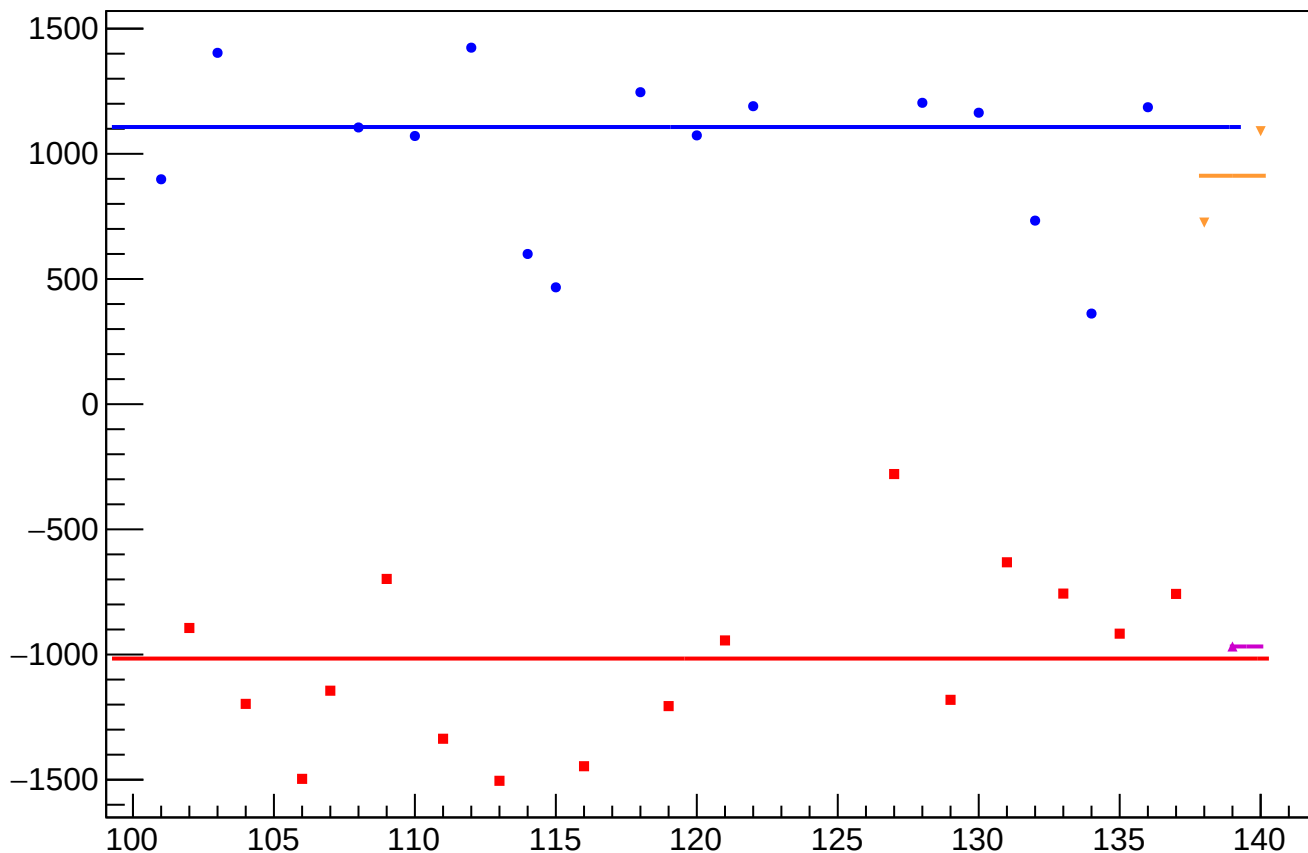
χ^2/NDF : 3023933793813

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



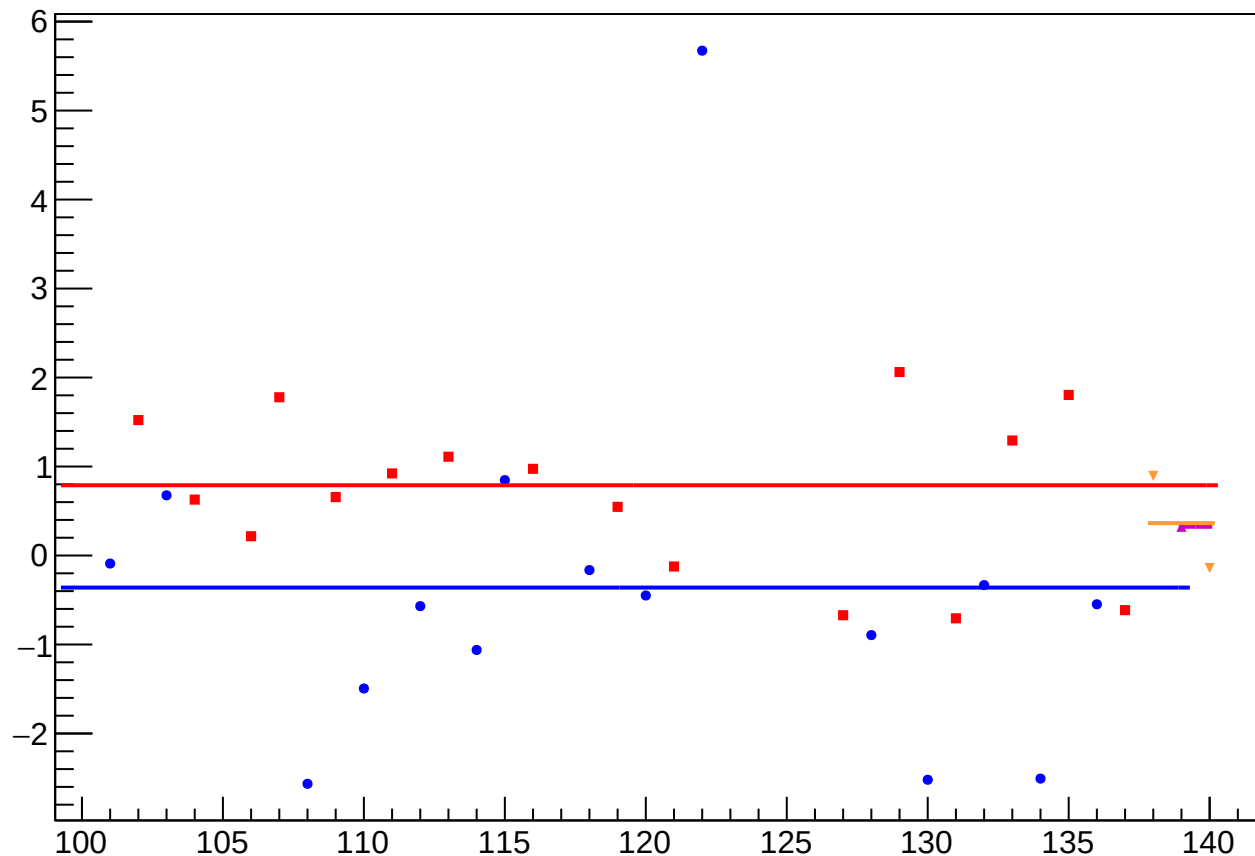
Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 5.429+/-0.000 χ^2/NDF : 217036678891909325669775806824448.0/1
 Right Out: -3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: -5.196+/-0.000 χ^2/NDF : 0.0/0
 All: 0.320+/-0.000 χ^2/NDF : 34641384767520

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



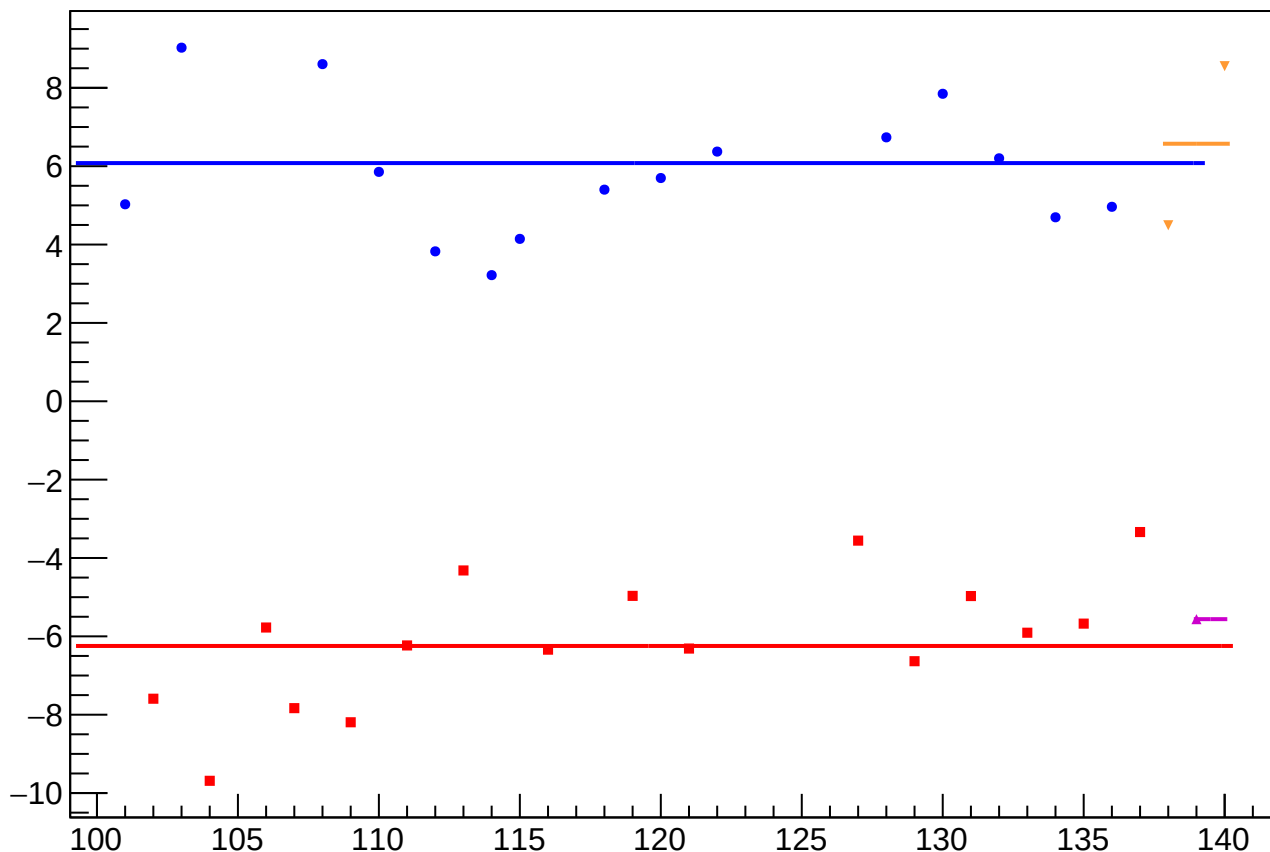
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: 280.477+/-0.000 χ^2/NDF : 1954444039122650
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 In: 876.827+/-0.000 χ^2/NDF : 35065222959884468
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -642.993+/-0.000 χ^2/NDF : 557845440857705
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: -0.360 ± 0.000 $\chi^2/\text{NDF}: 2180256348790896849346212178952192.0/14$
 Left Out: 0.364 ± 0.000 $\chi^2/\text{NDF}: 42887485021296953607958749511680.0/1$
 Right Out: 0.790 ± 0.000 $\chi^2/\text{NDF}: 463078369073343959803422903894016.0/15$
 Left In: 0.323 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.242 ± 0.000 $\chi^2/\text{NDF}: 31245207201084$

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079 ± 0.000

χ^2/NDF : 1590295171022705157509900448825344.0/14

Left: 2.495 ± 0.000 χ^2/NDF : 857704696313938777

Right: -0.167 ± 0.000 χ^2/NDF : 5337277361381866

Left Out: 6.573 ± 0.000

χ^2/NDF : 659043616748293424479871969525760.0/1

Right Out: -6.245 ± 0.000

χ^2/NDF : 1816529163105006938510976985595904.0/15

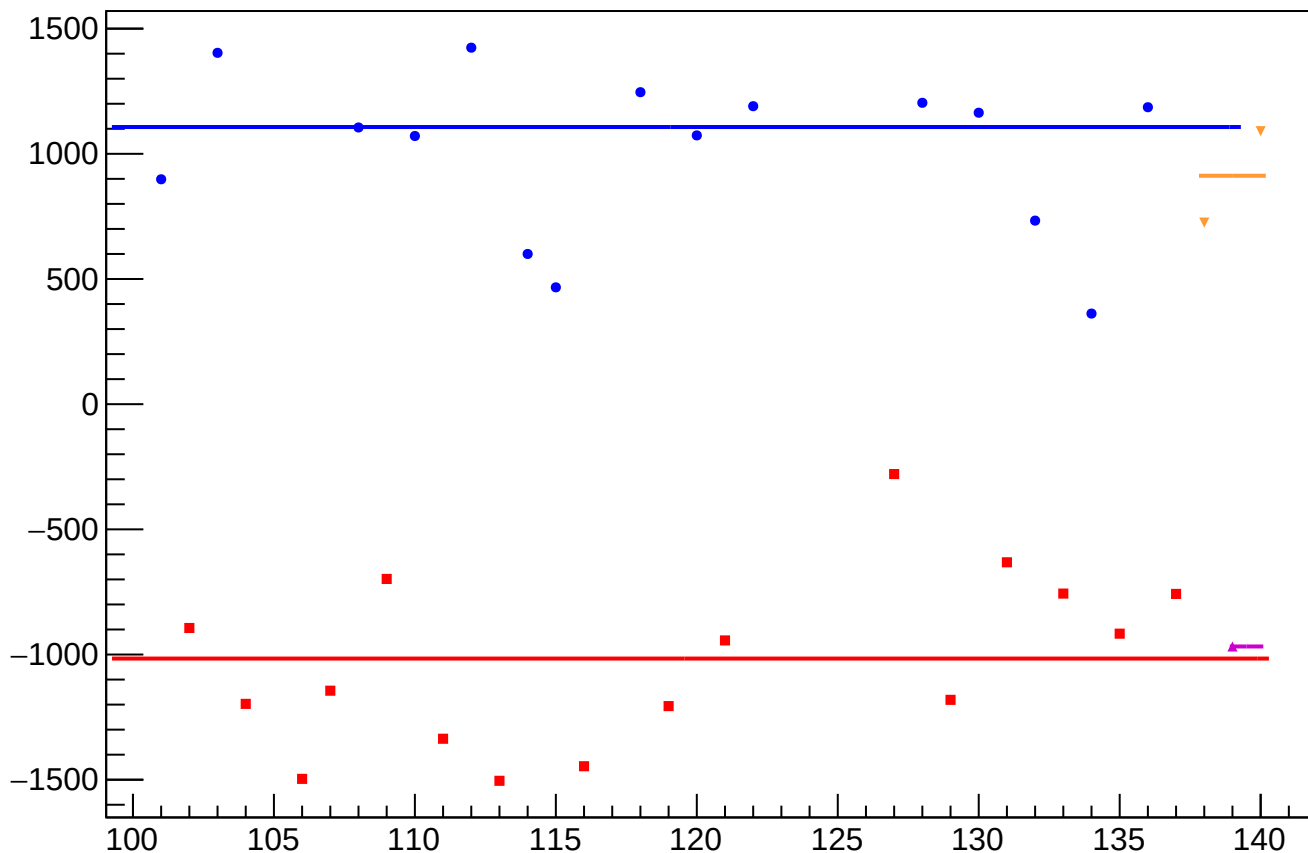
Left In: -5.561 ± 0.000

χ^2/NDF : 0.0/0

Out: -3.765 ± 0.000 χ^2/NDF : 23679652489530867

All: 0.245 ± 0.000 χ^2/NDF : 63393411888130

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000

χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 912.425+/-0.000

χ^2/NDF : 5330251110006219551936881140879589376.0/1

Right Out: -1016.106+/-0.000

χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: -967.815+/-0.000

χ^2/NDF : 0.0/0

Left: 280.477+/-0.000 χ^2/NDF : 1954444039122650

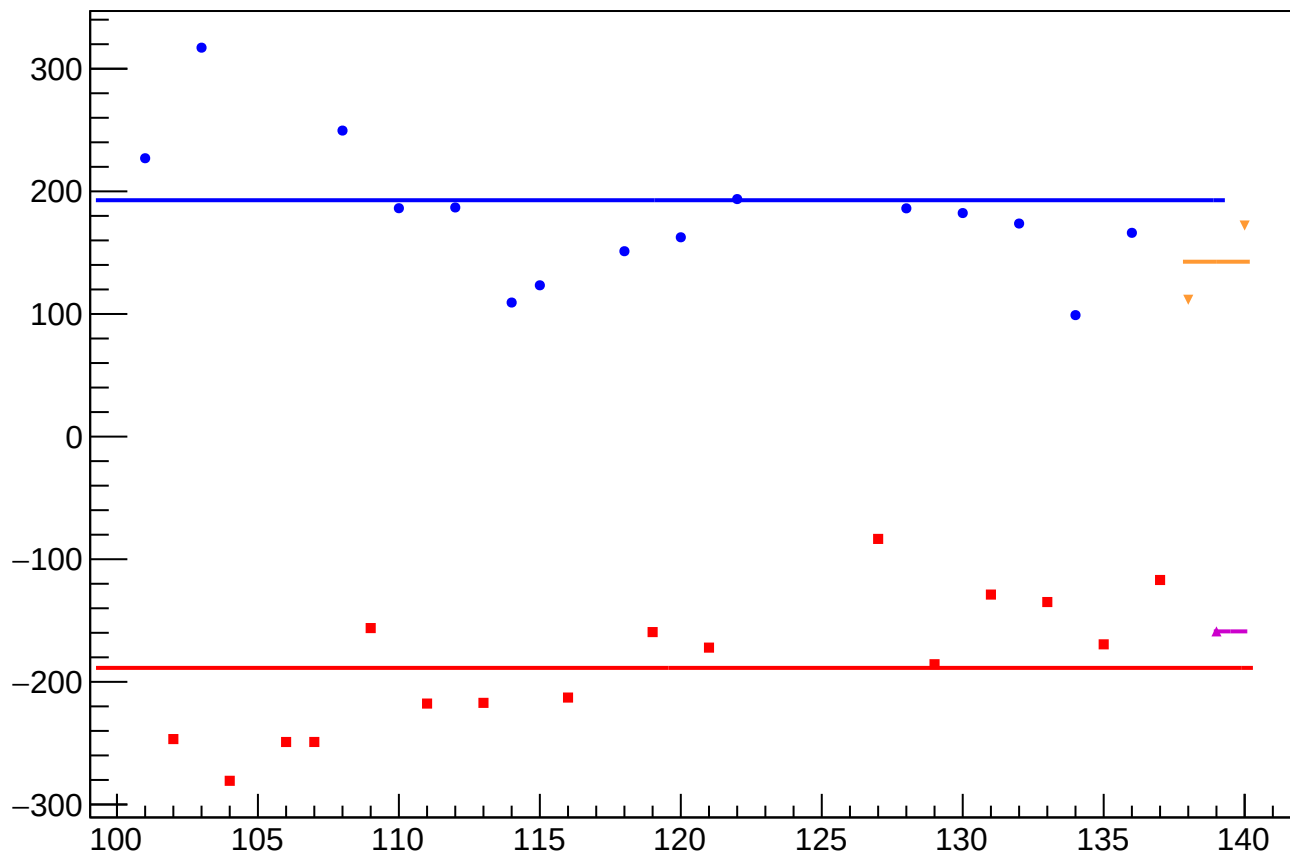
Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270

In: 876.827+/-0.000 χ^2/NDF : 3506522295988446

Out: -642.993+/-0.000 χ^2/NDF : 557845440857705

All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 192.771+/-0.000

χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 142.632+/-0.000

χ^2/NDF : 146462683904686438451114580071415808.0/1

Right Out: -188.612+/-0.000

χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: -158.845+/-0.000

χ^2/NDF : 0.0/0

Left: 41.306+/-0.000 χ^2/NDF : 50340682789196153

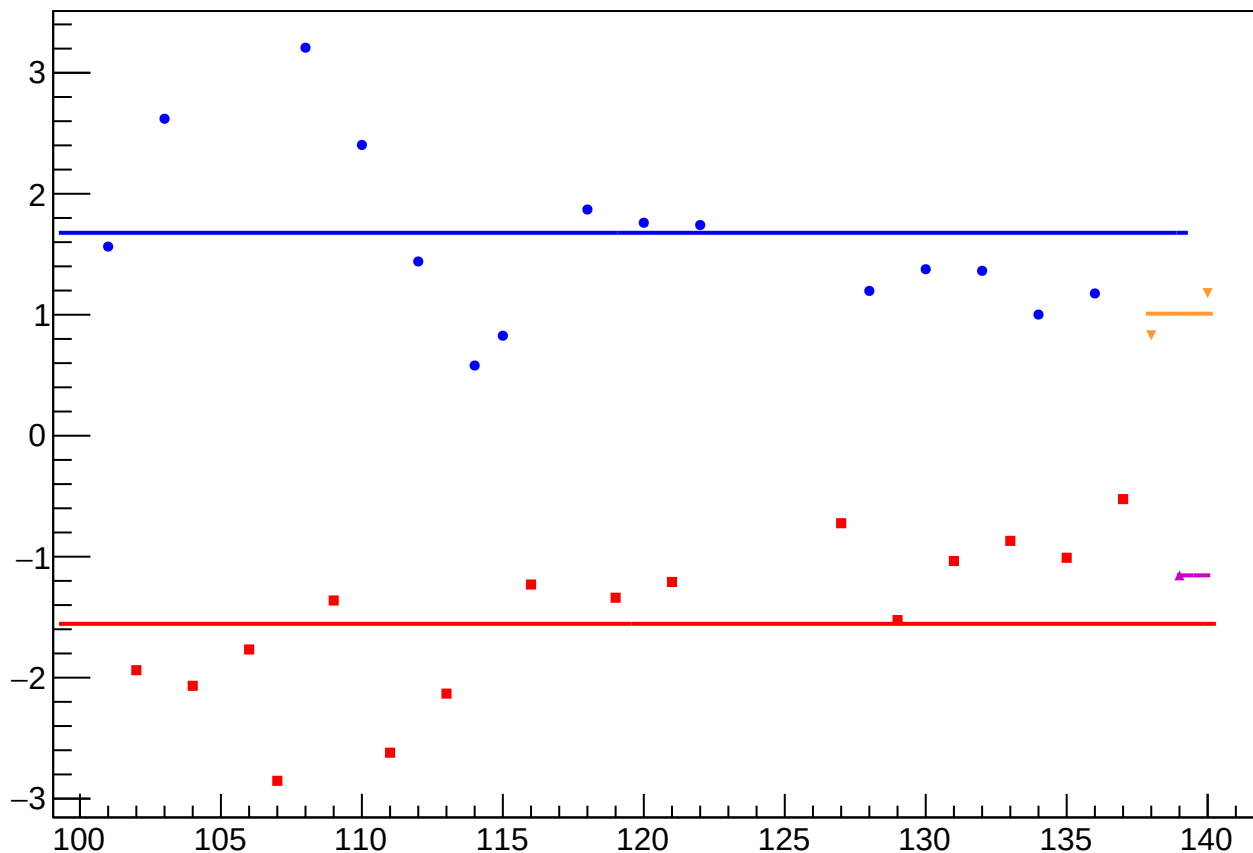
Right: -0.529+/-0.000 χ^2/NDF : 5140794879295893

In: 153.756+/-0.000 χ^2/NDF : 10543738533766976

Out: -124.526+/-0.000 χ^2/NDF : 162278988658523

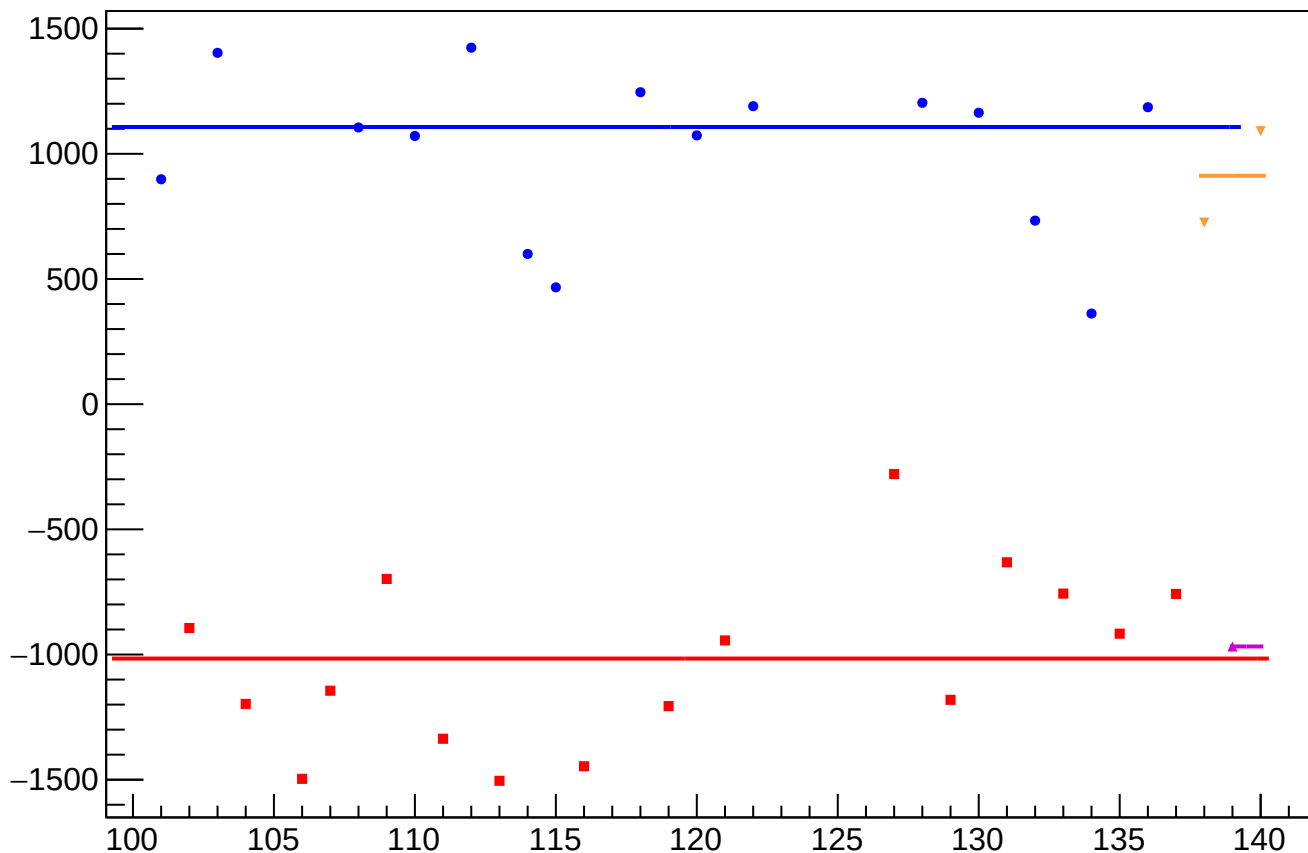
All: 5.947+/-0.000 χ^2/NDF : 56798507543682

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



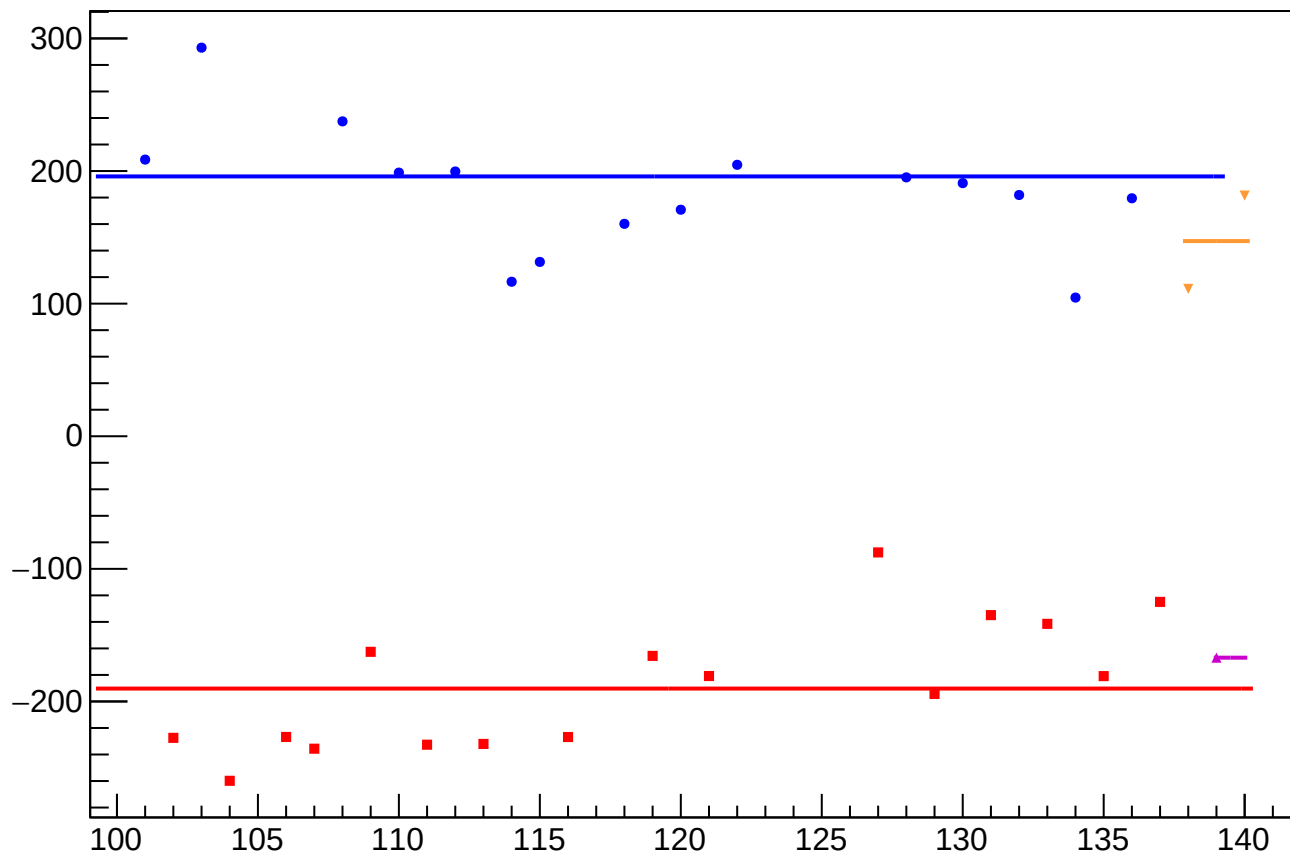
Right In: 1.677+/-0.000 χ^2/NDF : 241879924044788593292791559225344.0/14
 Left Out: 1.009+/-0.000 χ^2/NDF : 4856782944160053626342737969152.0/1
 Right Out: -1.555+/-0.000 χ^2/NDF : 255645951433890296827677195108352.0/15
 Left In: -1.154+/-0.000 χ^2/NDF : 0.0/0
 All: 0.077+/-0.000 χ^2/NDF : 42030004188057

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 912.425 $\pm$ 0.000 χ^2 /NDF: 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 7256766433509192712184310037150171136.0/15
 Left In: -967.815 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 69.575 $\pm$ 0.000 χ^2 /NDF: 1804118424630

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 195.940 $\pm$ 0.000

χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 147.190 $\pm$ 0.000

χ^2 /NDF: 197893574008779492056907205935366144.0/1

Right Out: -190.268 $\pm$ 0.000

χ^2 /NDF: 1468473073667973330267084234323656704.0/15

Left In: -166.980 $\pm$ 0.000

χ^2 /NDF: 65431.3/0

Left: 41.598 $\pm$ 0.000 χ^2 /NDF: 55057497346930472

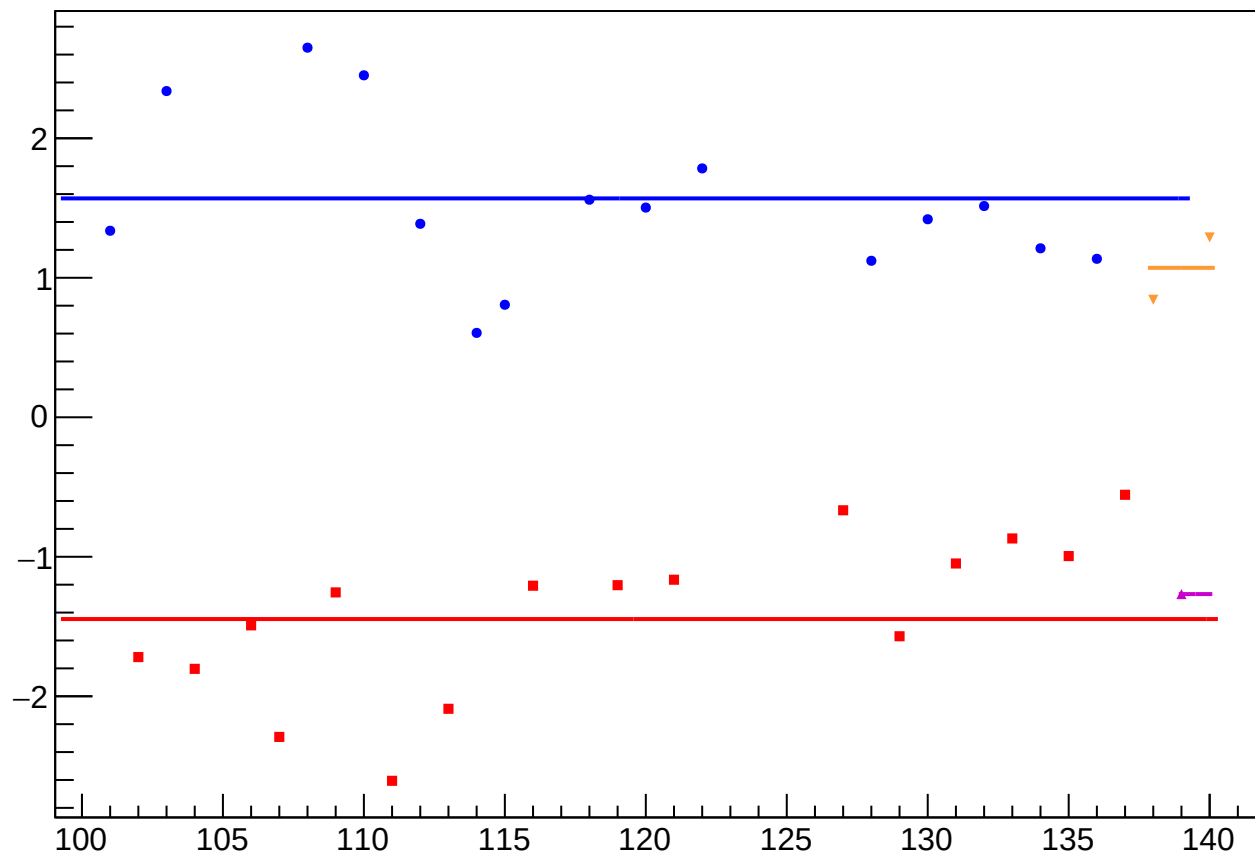
Right: 0.195 $\pm$ 0.000 χ^2 /NDF: 51589726724001798

In: 155.671 $\pm$ 0.000 χ^2 /NDF: 10542733142976196

Out: -124.980 $\pm$ 0.000 χ^2 /NDF: 163617191487910

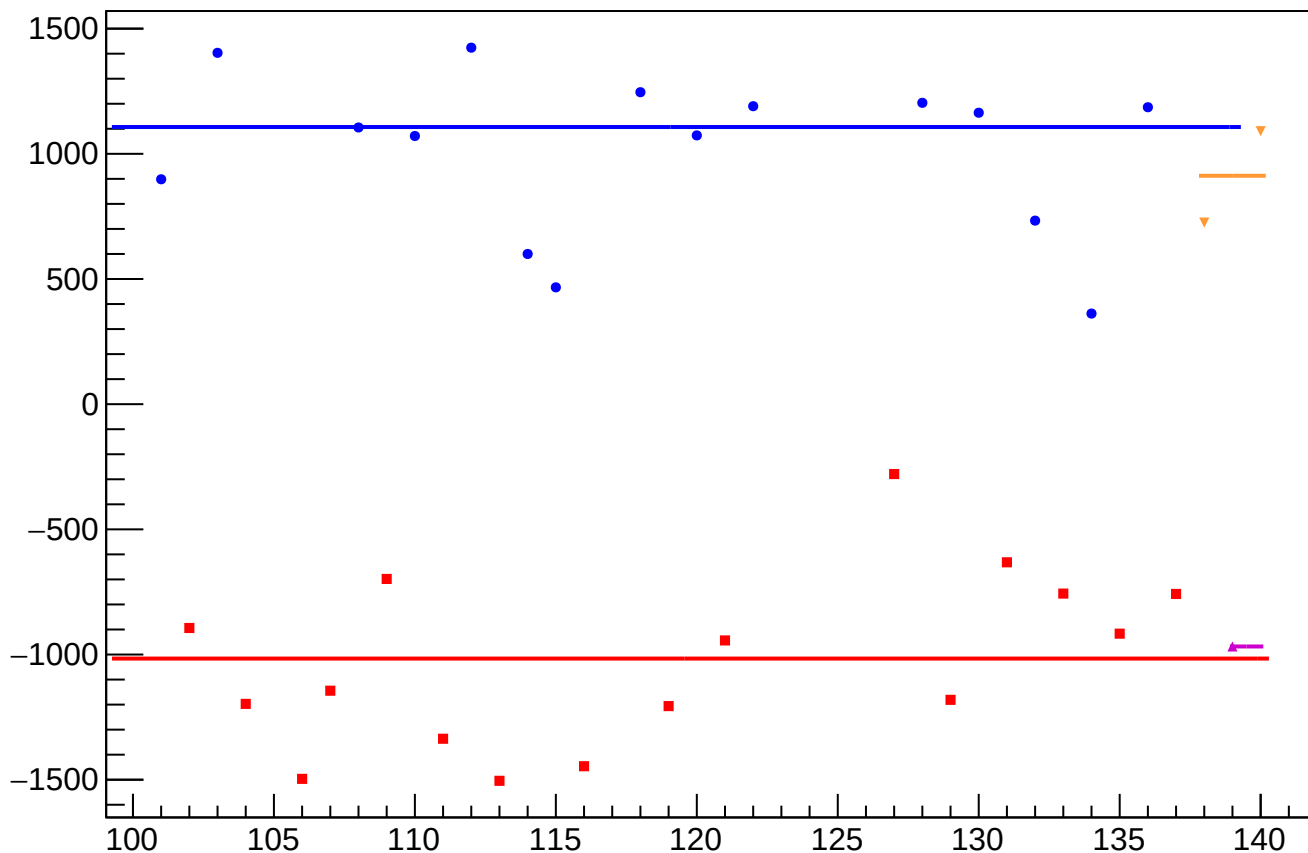
All: 6.604 $\pm$ 0.000 χ^2 /NDF: 57444649991300

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



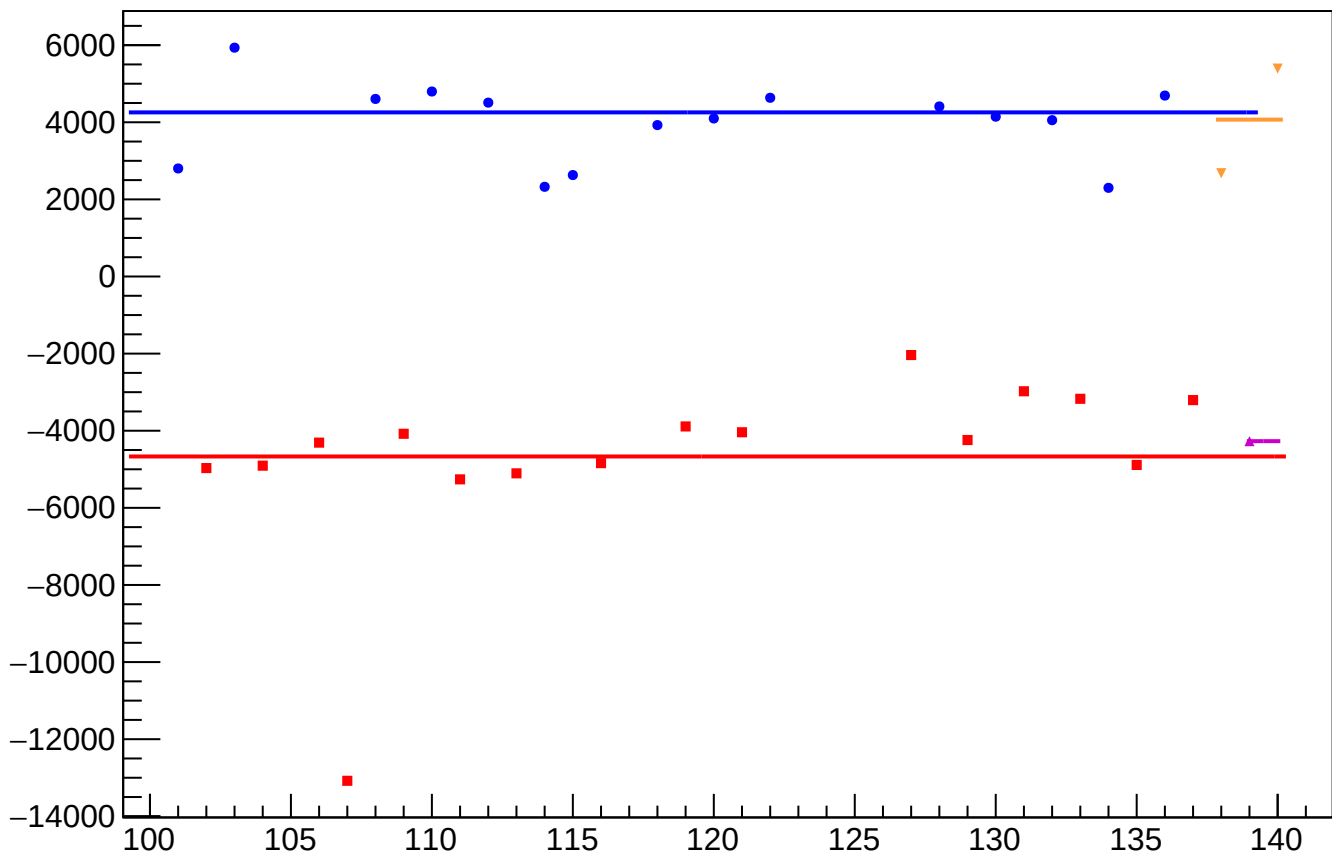
Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14
 Left Out: 1.071 $\pm$ 0.000 χ^2 /NDF: 7981471233521719466845452369920.0/1
 Right Out: -1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15
 Left In: -1.267 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.079 $\pm$ 0.000 χ^2 /NDF: 36642224072316

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



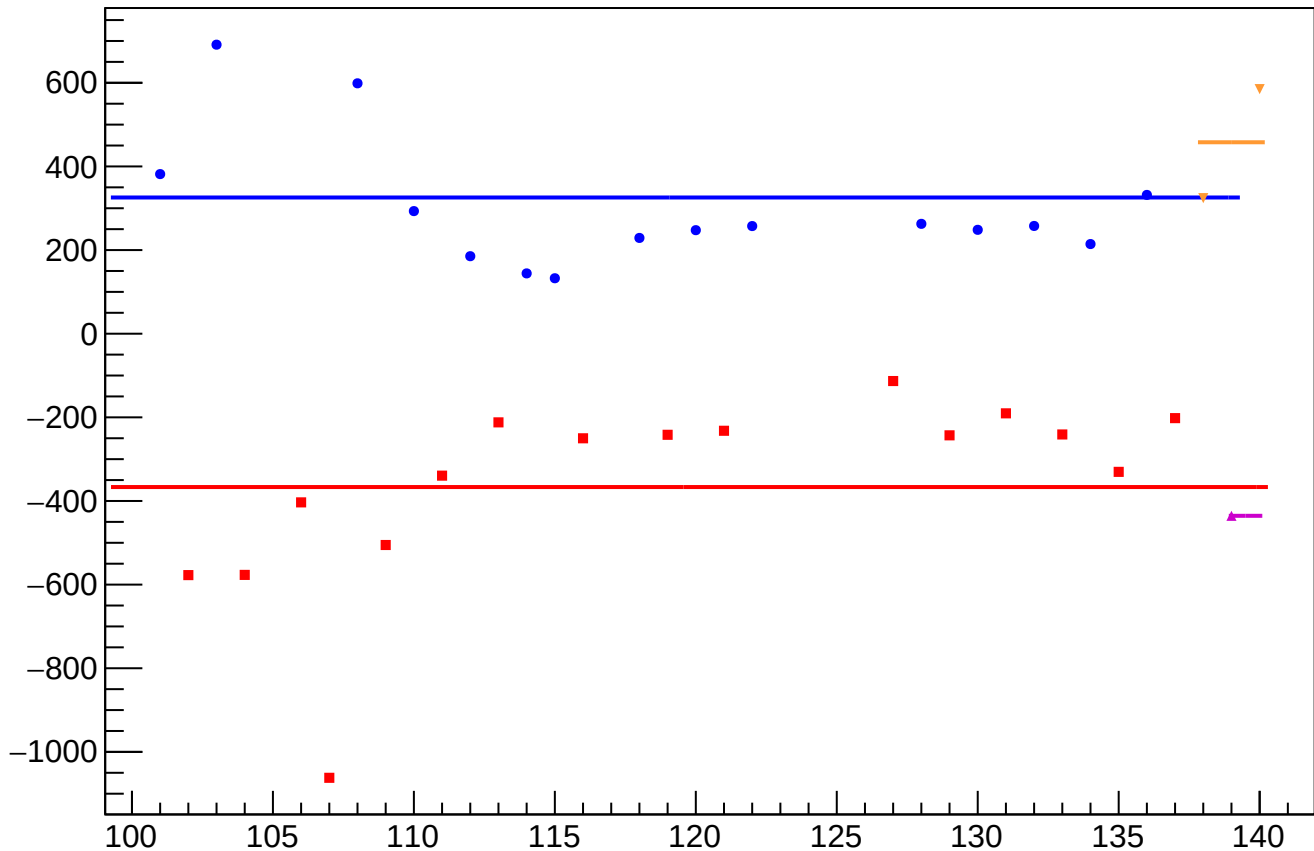
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	Left: 280.477+/-0.000	χ^2/NDF : 1954444039122650
Left Out: 912.425+/-0.000	χ^2/NDF : 5330251110006219551936881140879589376.0/1	Right: 30.953+/-0.000	χ^2/NDF : 1595991371539270
Right Out: -1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	In: 876.827+/-0.000	χ^2/NDF : 3506522295988446
Left In: -967.815+/-0.000	χ^2/NDF : 0.0/0	Out: -642.993+/-0.000	χ^2/NDF : 557845440857705
		All: 69.575+/-0.000	χ^2/NDF : 1804118424630

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4069.076+/-0.000 χ^2/NDF : 294304217579807782471320470674781241344.0/1
 Right Out: -4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: -4270.163+/-0.000 χ^2/NDF : 0.0/0
 All: -29.467+/-0.000 χ^2/NDF : 344104924055

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000

χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 457.800+/-0.000

χ^2/NDF : 2716077195252971840198597238581100544.0/1

Right Out: -366.682+/-0.000

χ^2/NDF : 32097250699947956409117440115398934528.0/15

Left In: -435.465+/-0.000

χ^2/NDF : 0.0/0

Left: 157.574+/-0.000 χ^2/NDF : 4562507027061389

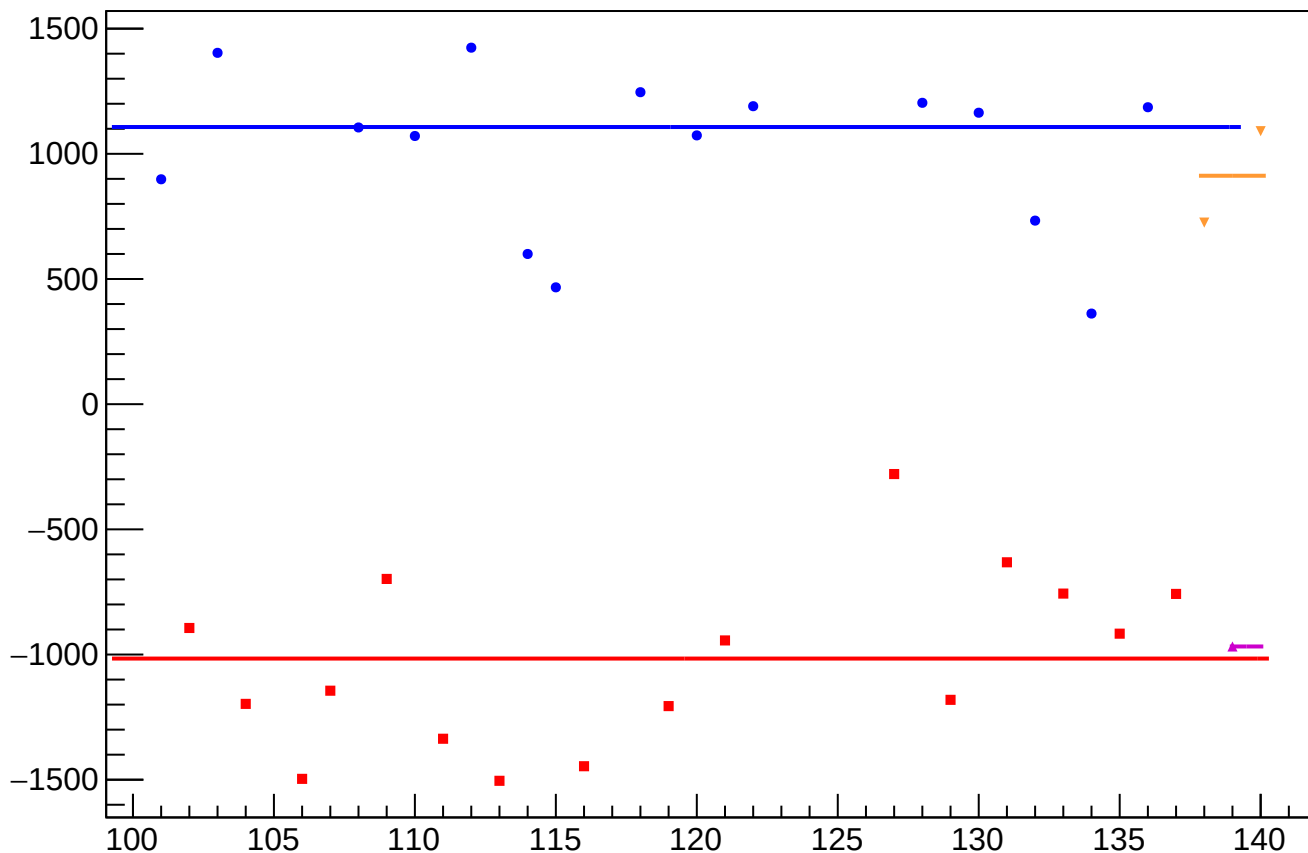
Right: -25.211+/-0.000 χ^2/NDF : 204436046213041

In: 241.270+/-0.000 χ^2/NDF : 56358749001611517

Out: -207.169+/-0.000 χ^2/NDF : 122534253228721

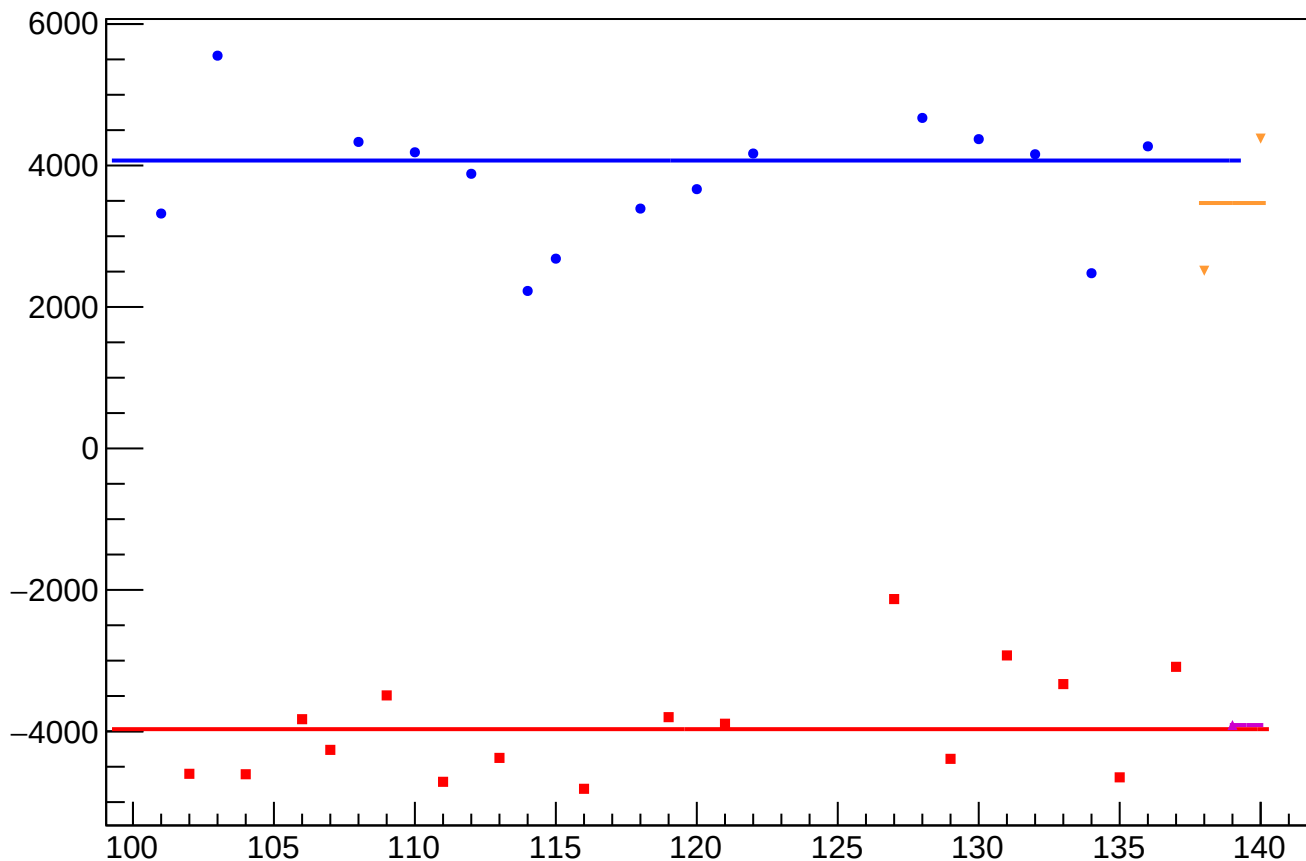
All: 3.082+/-0.000 χ^2/NDF : 25686668827485

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 4070.444+/-0.000

χ^2/NDF : 343281875282695739956383156295247593472.0/14

Left Out: 3469.670+/-0.000

χ^2/NDF : 139468020323049033820712687428037509120.0/1

Right Out: -3968.723+/-0.000

χ^2/NDF : 359955880326194784467353369492594884608.0/15

Left In: -3910.391+/-0.000

χ^2/NDF : 0.0/0

Left: 989.235+/-0.000 χ^2/NDF : 3068390073416451

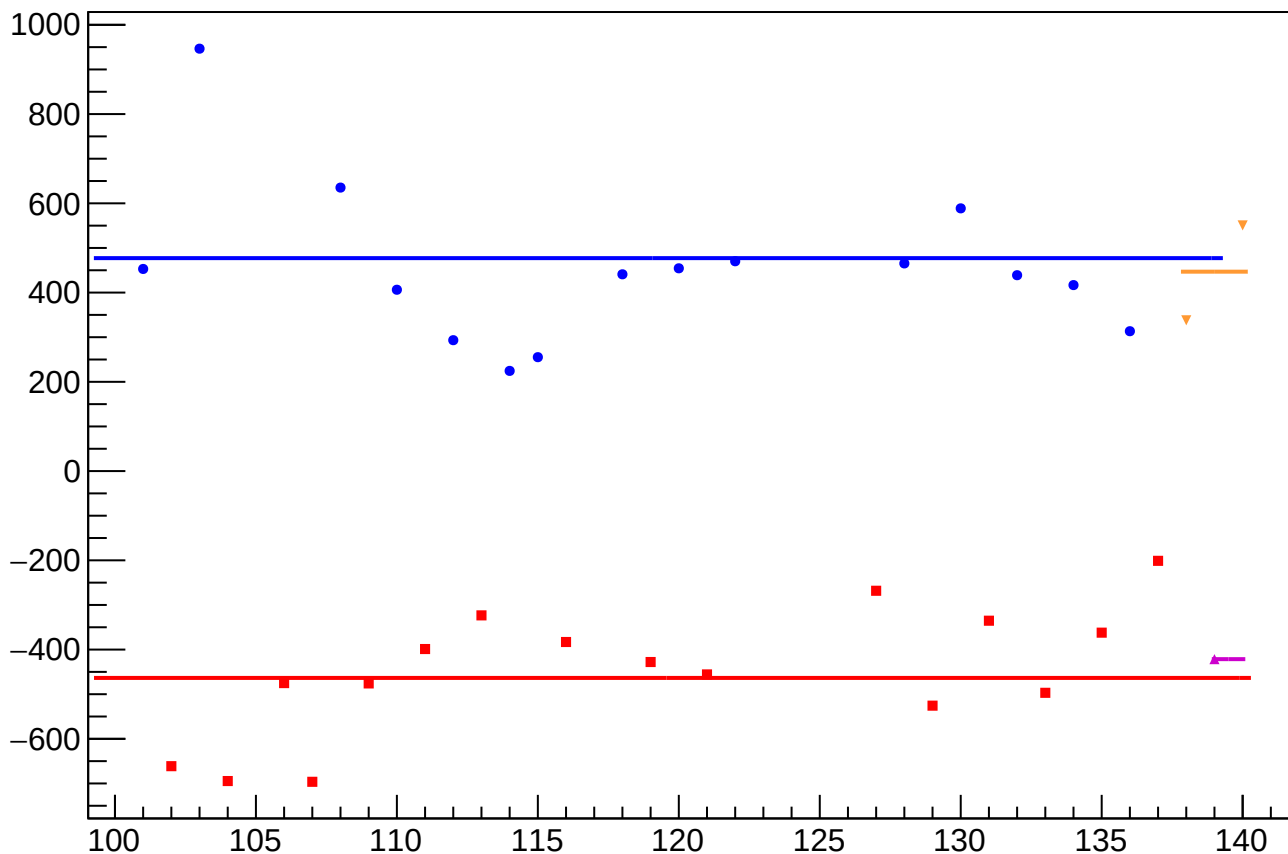
Right: -4.119+/-0.000 χ^2/NDF : 2196193539942721

In: 3184.899+/-0.000 χ^2/NDF : 4930014572856175

Out: -2529.614+/-0.000 χ^2/NDF : 76394286423741

All: 149.637+/-0.000 χ^2/NDF : 252313235003

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 446.853+/-0.000 χ^2/NDF : 1808167453712787400498286441900539904.0/1

Right Out: -463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

Left In: -421.440+/-0.000 χ^2/NDF : 0.0/0

Left: 155.020+/-0.000 χ^2/NDF : 4235165338287225

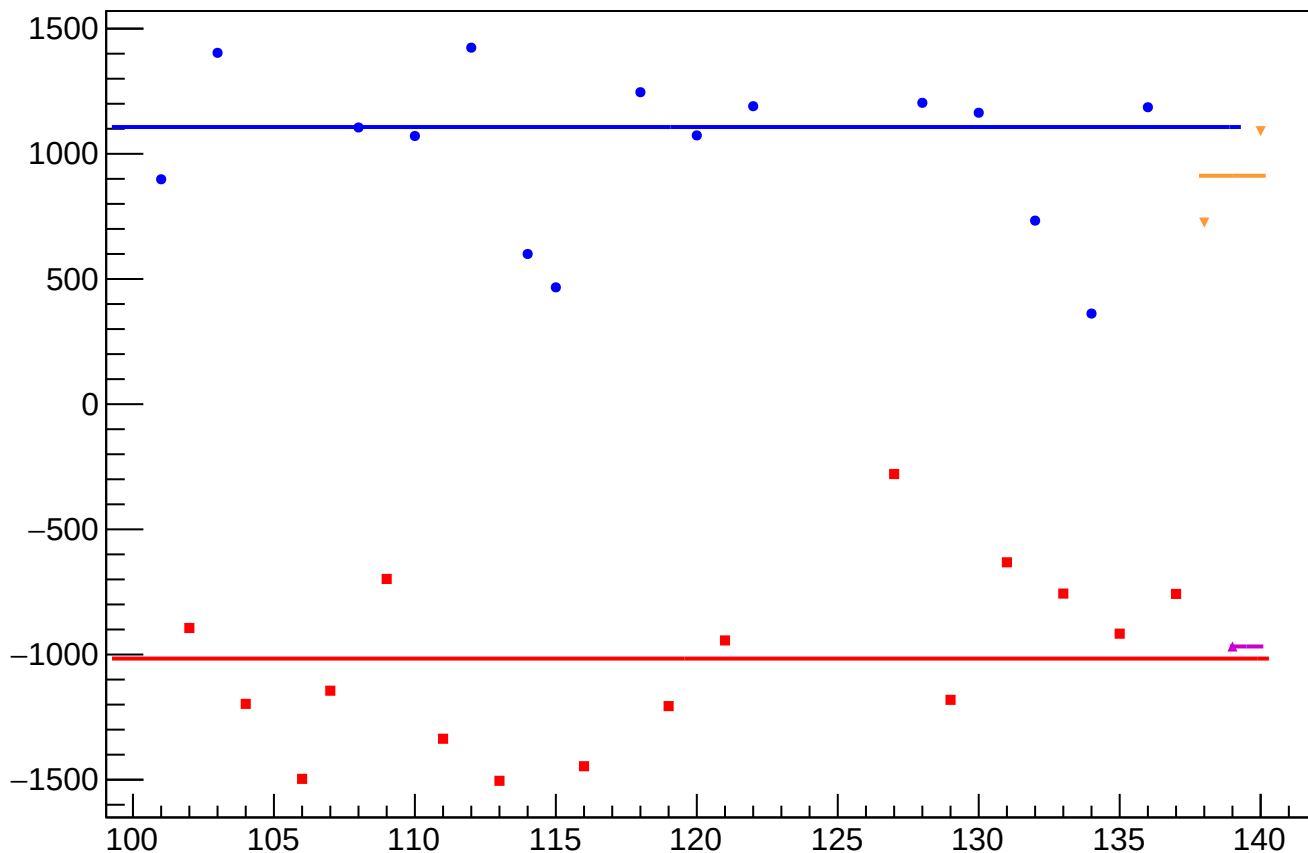
Right: 0.404+/-0.000 χ^2/NDF : 32409492726519645

In: 377.476+/-0.000 χ^2/NDF : 78607850357767664

Out: -287.384+/-0.000 χ^2/NDF : 121312793302649

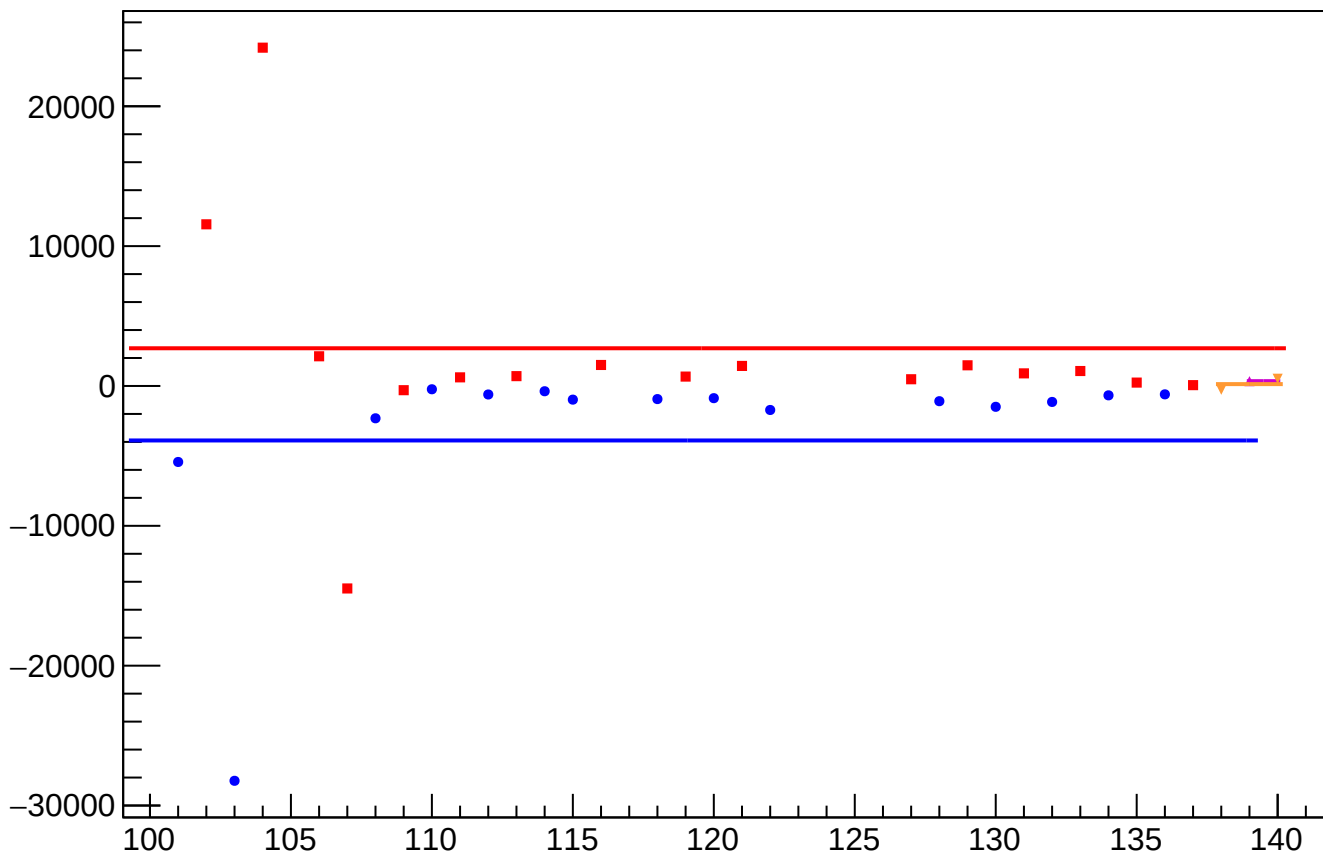
All: 24.336+/-0.000 χ^2/NDF : 3713162068495

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



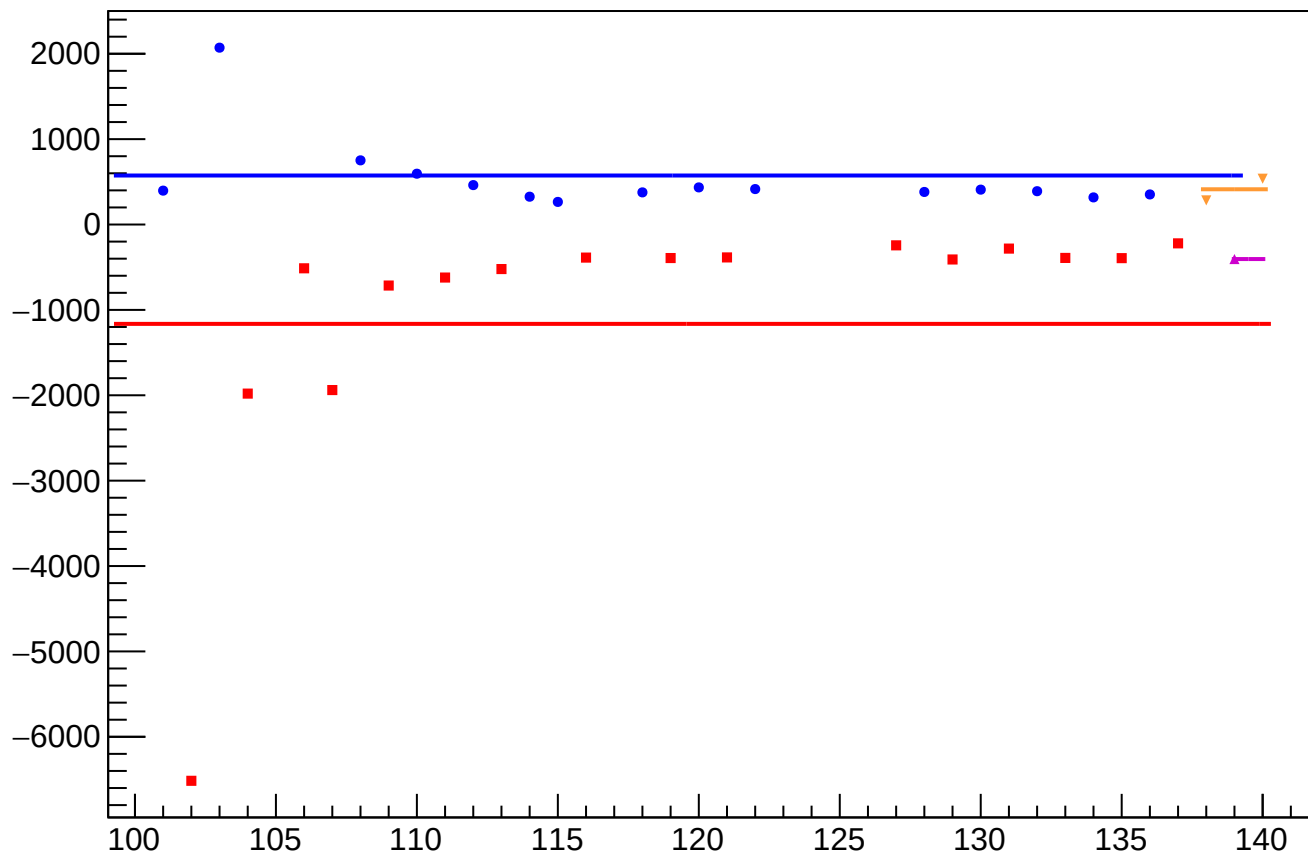
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: 280.477+/-0.000 χ^2/NDF : 1954444039122650
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 In: 876.827+/-0.000 χ^2/NDF : 3506522295988446
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Out: -642.993+/-0.000 χ^2/NDF : 557845440857705
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_atl1_coil4_mean vs Slug, Sign Corrected



Left: 203.768+/-0.000 χ^2/NDF : 2722209678304485
 Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Right: -555.179+/-0.000 χ^2/NDF : 94737135323081
 Left Out: 132.729+/-0.000 χ^2/NDF : 24819707561128750227502485930793500672.0/1
 In: -3425.988+/-0.000 χ^2/NDF : 409135818759541
 Right Out: 2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Out: 2200.077+/-0.000 χ^2/NDF : 416951478281487
 Left In: 344.091+/-0.000 χ^2/NDF : 0.0/0
 All: -437.706+/-0.000 χ^2/NDF : 94881686927

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 574.055+/-0.000

χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 412.817+/-0.000

χ^2/NDF : 2575702470058517674785327059660963840.0/1

Right Out: -1163.697+/-0.000

χ^2/NDF : 2003194396475465337190154787515183136768.0/15

Left In: -404.411+/-0.000

χ^2/NDF : 0.0/0

Left: 138.147+/-0.000 χ^2/NDF : 3849061295239591

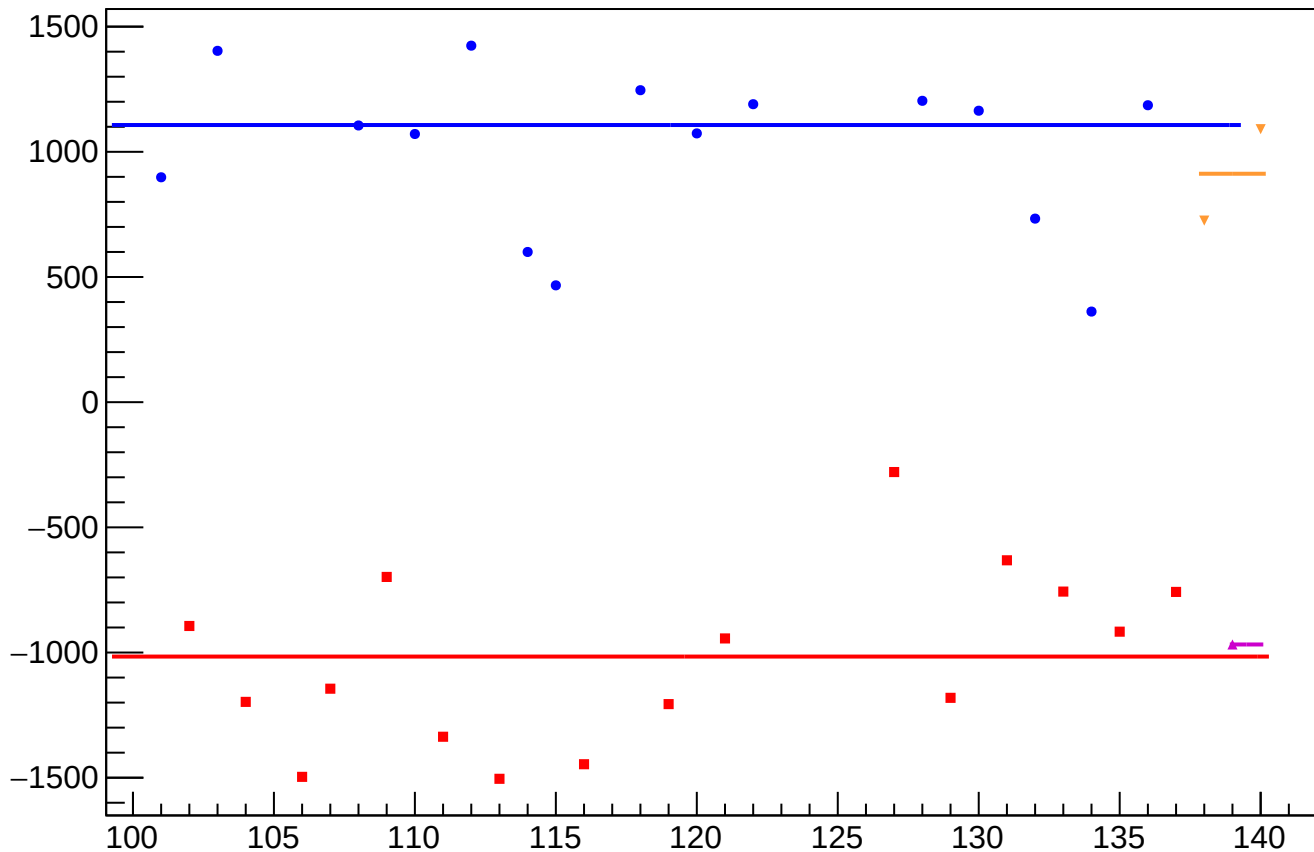
Right: -306.705+/-0.000 χ^2/NDF : 31486221730071

In: 465.486+/-0.000 χ^2/NDF : 22104962610173312

Out: -858.688+/-0.000 χ^2/NDF : 232649731985678

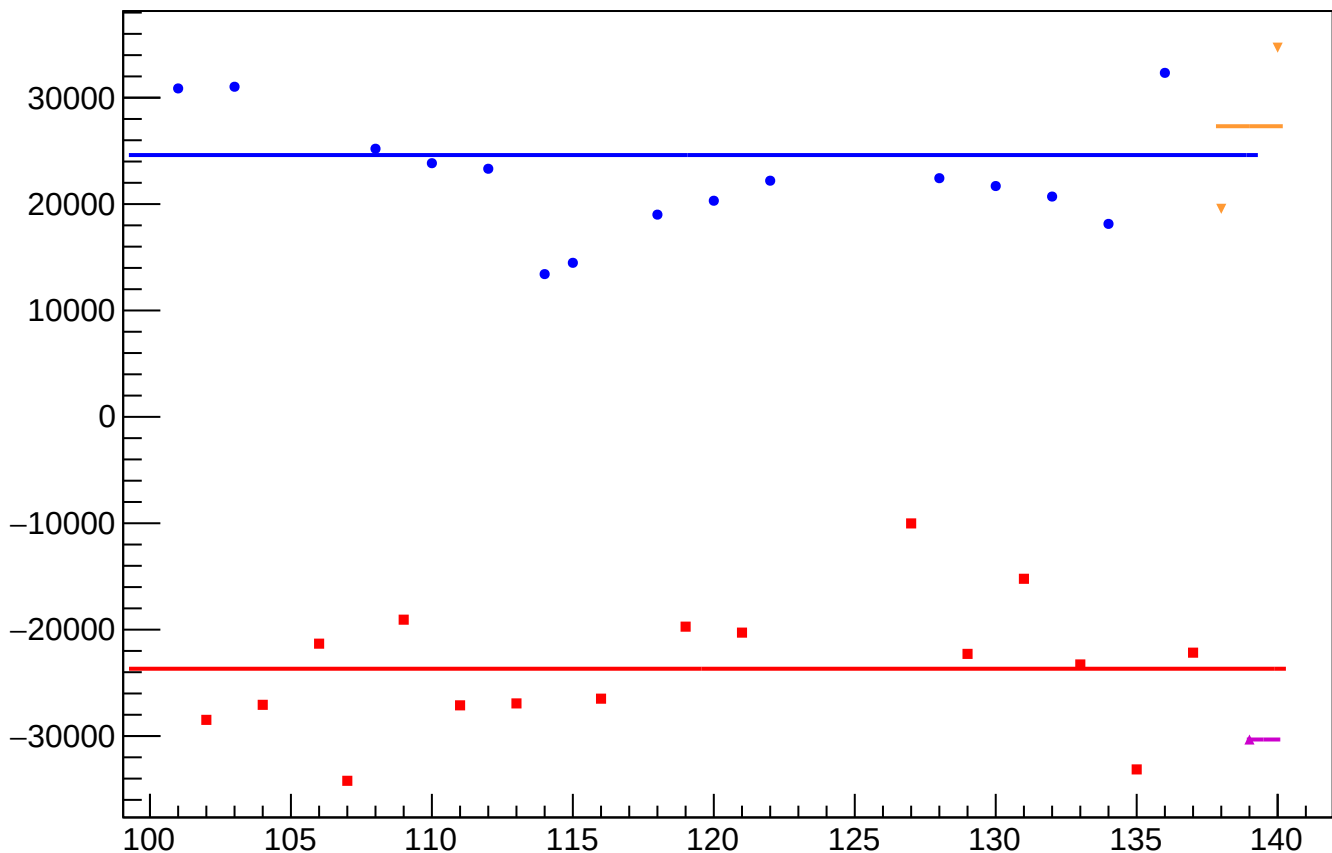
All: -237.849+/-0.000 χ^2/NDF : 32274230089

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 24608.761+/-0.000

χ^2/NDF : 17555600427140701787636759084167268925440.0/14

Left Out: 27318.309+/-0.000

χ^2/NDF : 9170482984374242221363495758219421155328.0/1

Right Out: -23673.937+/-0.000

χ^2/NDF : 24824229344827567313624871677295341862912.0/15

Left In: -30325.777+/-0.000

χ^2/NDF : 0.0/0

Left: 7944.156+/-0.000

χ^2/NDF : 187859345073824

Right: 137.211+/-0.000

χ^2/NDF : 809207355903527

In: 18513.285+/-0.000

χ^2/NDF : 234874654562496

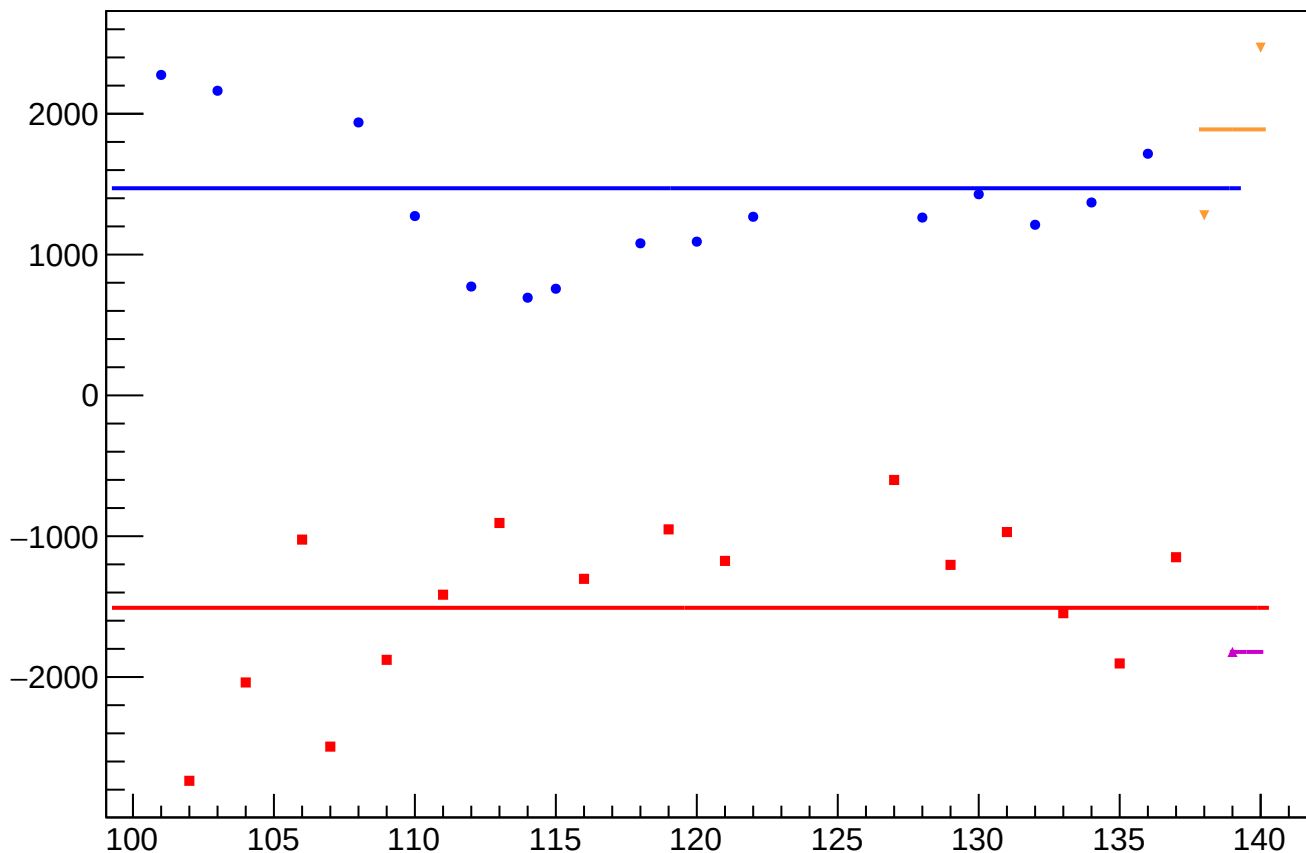
Out: -13808.448+/-0.000

χ^2/NDF : 3695380308167

All: 1345.608+/-0.000

χ^2/NDF : 1009481695

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000

χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 1889.135+/-0.000

χ^2/NDF : 56631081782212366174910424102043910144.0/1

Right Out: -1508.451+/-0.000

χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: -1821.845+/-0.000

χ^2/NDF : 0.0/0

Left: 641.876+/-0.000 χ^2/NDF : 7971992280995704

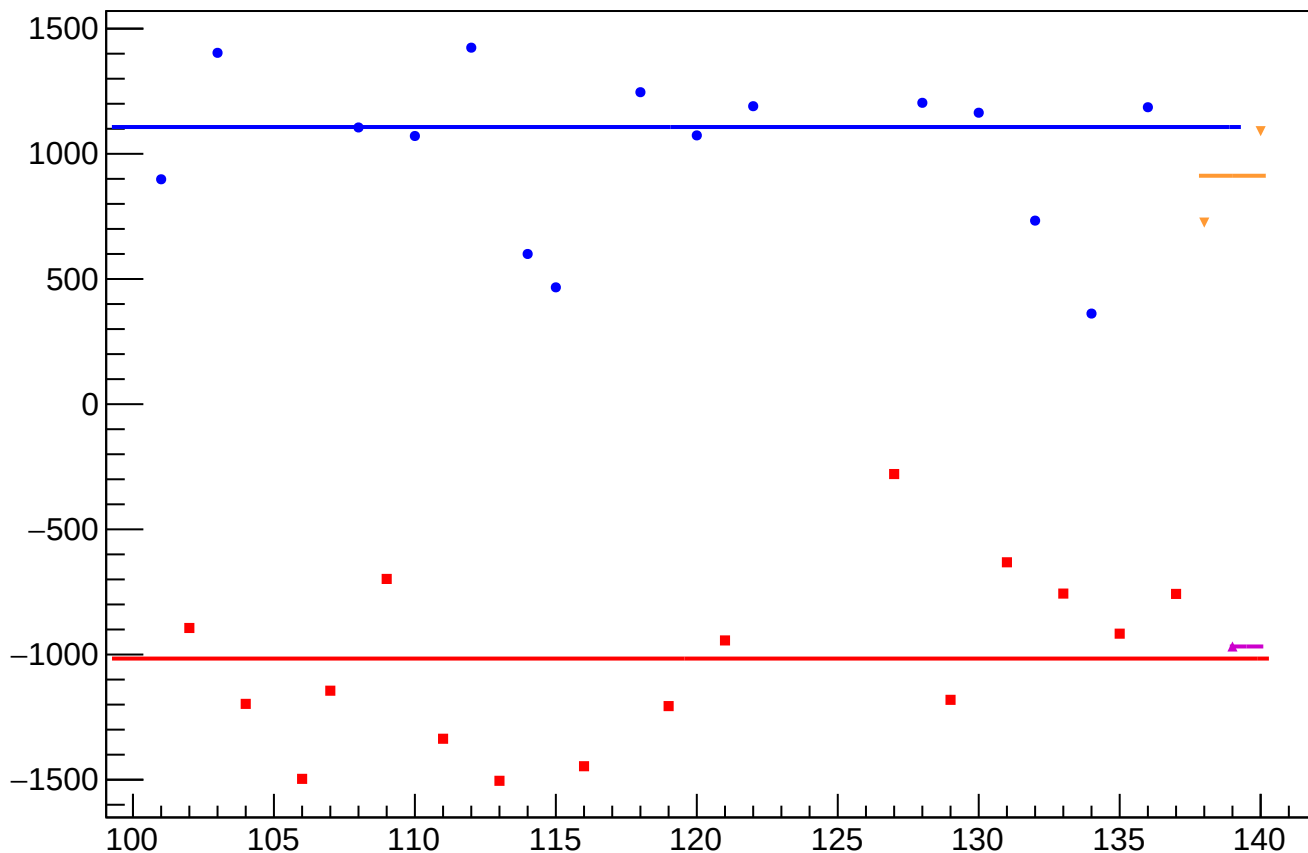
Right: -39.055+/-0.000 χ^2/NDF : 330947344548199

In: 1105.714+/-0.000 χ^2/NDF : 9200370271324229

Out: -851.118+/-0.000 χ^2/NDF : 179635511682741

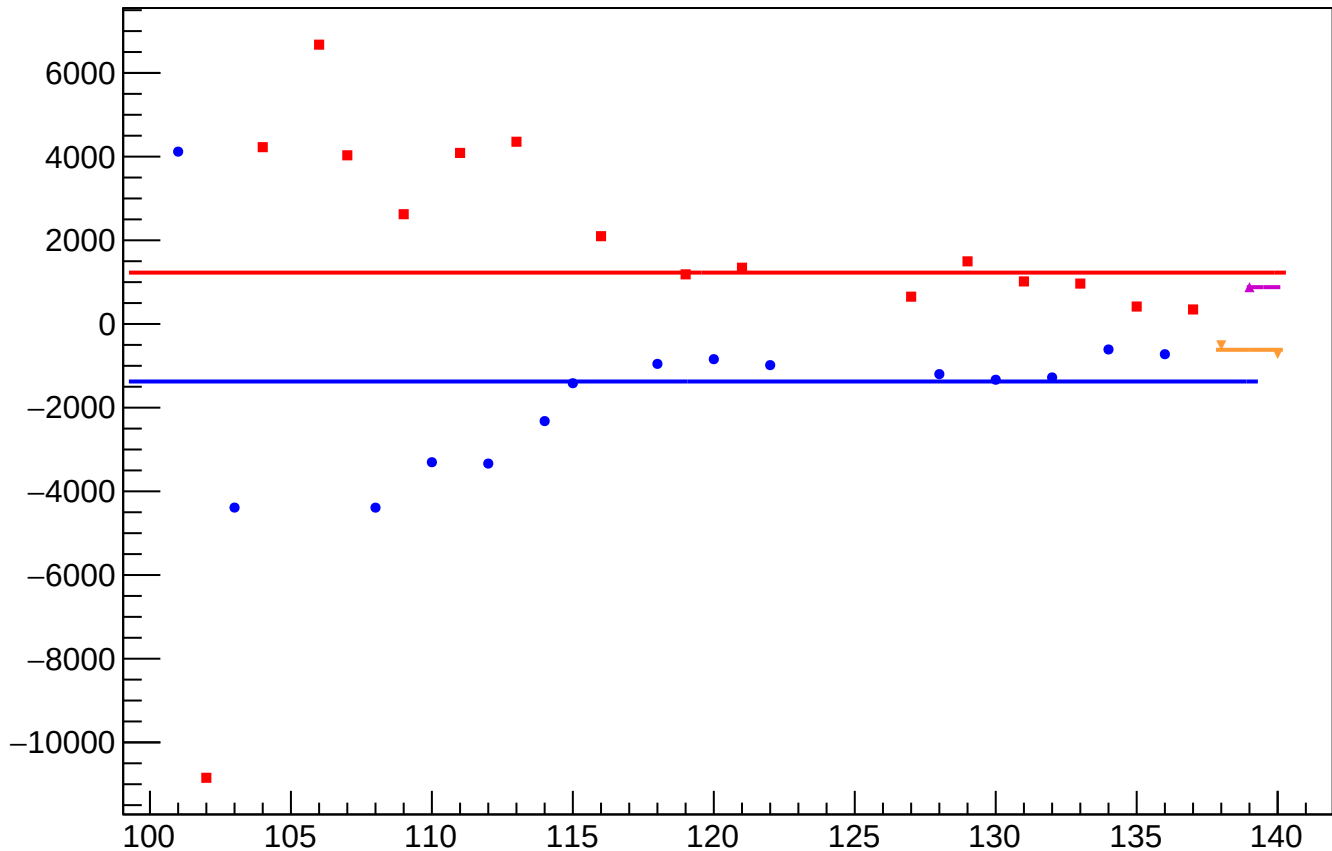
All: 66.343+/-0.000 χ^2/NDF : 4201120123074

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	Left: 280.477+/-0.000	χ^2/NDF : 1954444039122650
Left Out: 912.425+/-0.000	χ^2/NDF : 5330251110006219551936881140879589376.0/1	Right: 30.953+/-0.000	χ^2/NDF : 1595991371539270
Right Out: -1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	In: 876.827+/-0.000	χ^2/NDF : 3506522295988446
Left In: -967.815+/-0.000	χ^2/NDF : 0.0/0	Out: -642.993+/-0.000	χ^2/NDF : 557845440857705
		All: 69.575+/-0.000	χ^2/NDF : 1804118424630

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: -1374.510+/-0.000

χ^2/NDF : 3072775774026573120755024580495322120192.0/14

Left: -113.789+/-0.000 χ^2/NDF : 122233386687276

Right: -55.518+/-0.000 χ^2/NDF : 164158010761557

Left Out: -616.954+/-0.000

χ^2/NDF : 1709626380827493280111357237183643648.0/1

In: -1124.339+/-0.000 χ^2/NDF : 343883906514038

Right Out: 1227.879+/-0.000

χ^2/NDF : 11115312999926623396466450218448622452736.0/15

Out: 870.959+/-0.000 χ^2/NDF : 1155621471191160

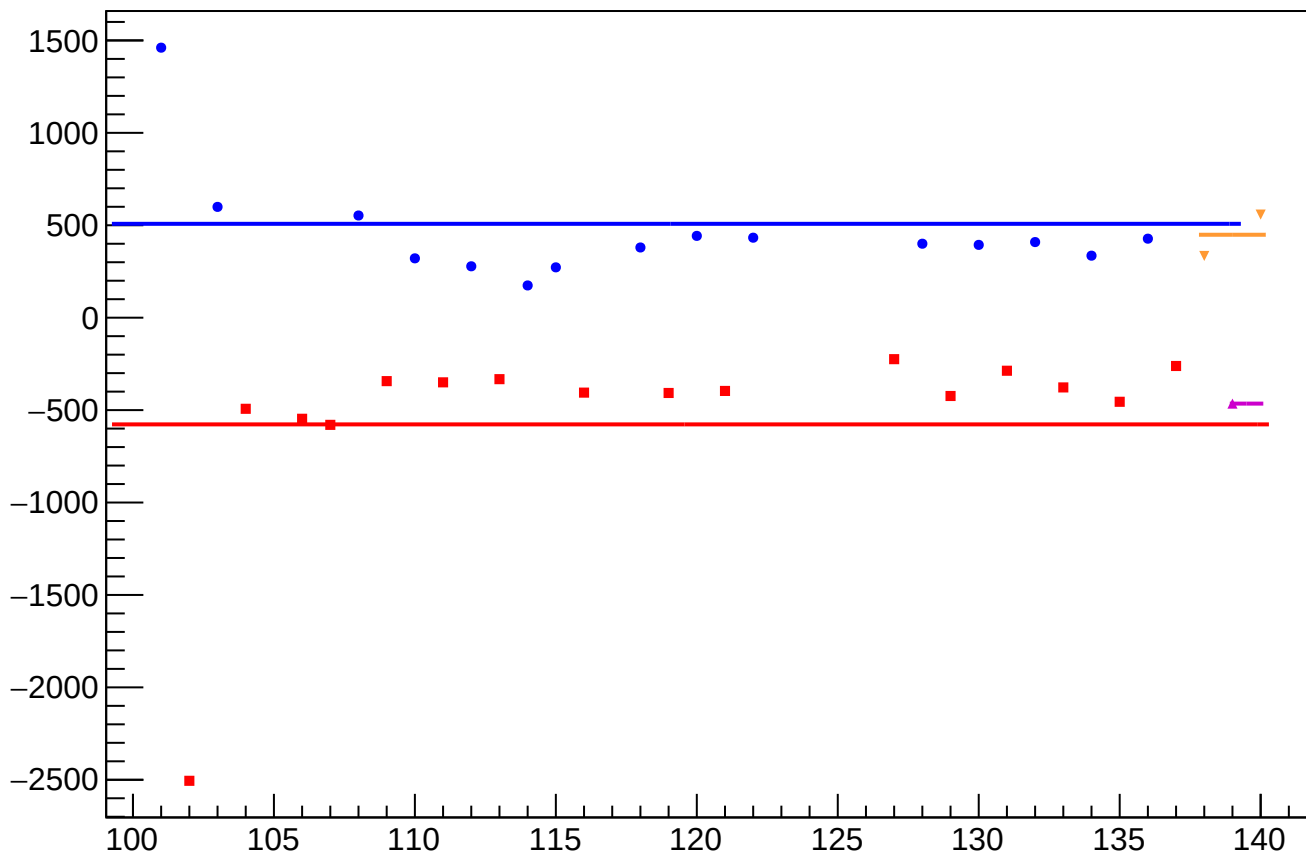
Left In: 880.117+/-0.000

χ^2/NDF : 0.0/0

All: -64.537+/-0.000

χ^2/NDF : 165387261227

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 507.809 +/- 0.000

χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 448.689 +/- 0.000

χ^2/NDF : 2002580303071083668150962004992983040.0/1

Right Out: -577.250 +/- 0.000

χ^2/NDF : 241288780642623391683958641535574081536.0/15

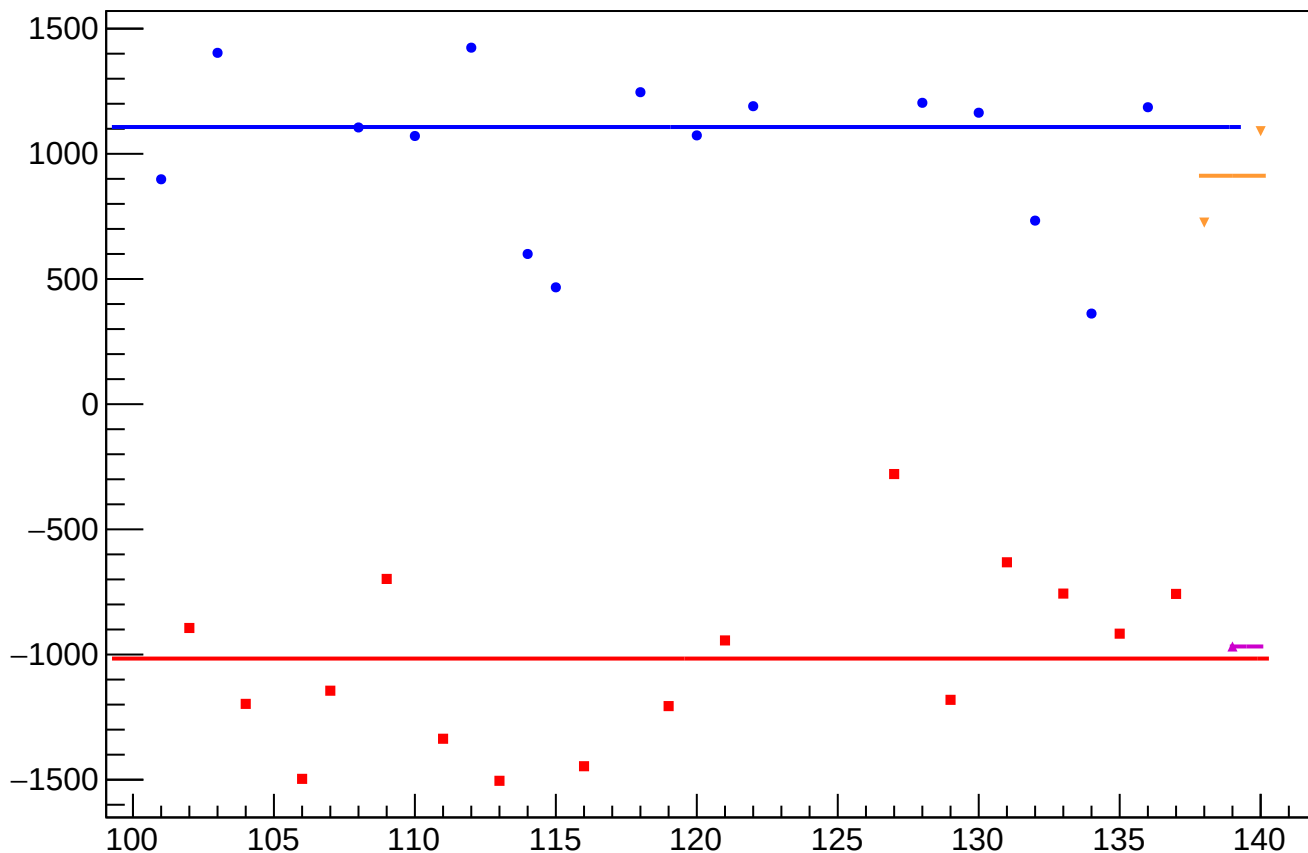
Left In: -464.874 +/- 0.000

χ^2/NDF : 0.0/0

All: -13.695 +/- 0.000

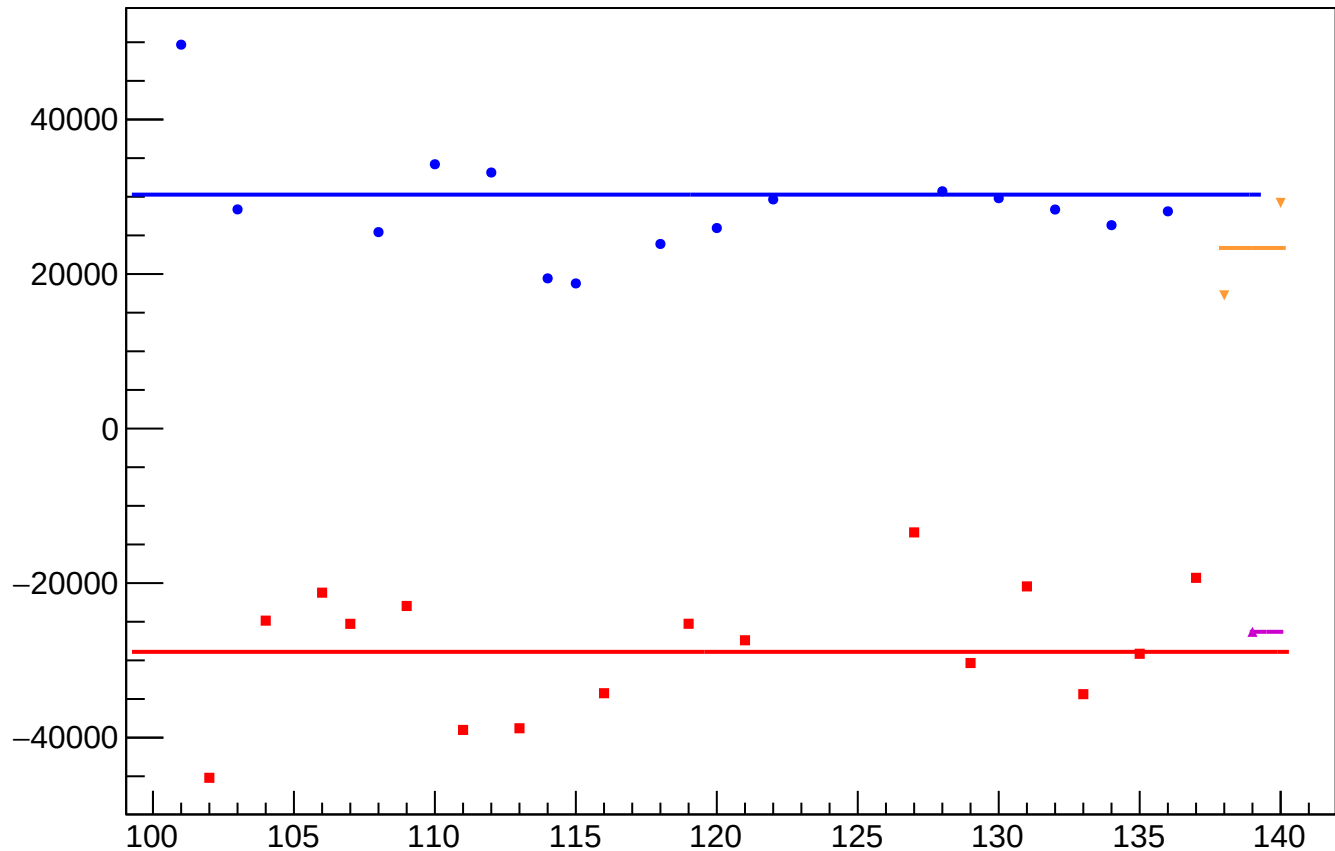
χ^2/NDF : 746469645272

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 280.477+/-0.000 χ^2/NDF : 1954444039122650
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 In: 876.827+/-0.000 χ^2/NDF : 3506522295988446
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Out: -642.993+/-0.000 χ^2/NDF : 557845440857705
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 30277.649+/-0.000

χ^2/NDF : 30975974641524142453090022540760519278592.0/14

Left Out: 23374.785+/-0.000

χ^2/NDF : 5726174345008868650890760679576481824768.0/1

Right Out: -28896.318+/-0.000

χ^2/NDF : 46969504058010359146250560228409714147328.0/15

Left In: -26302.813+/-0.000

χ^2/NDF : 0.0/0

Left: 6678.165+/-0.000 χ^2/NDF : 138437854154114

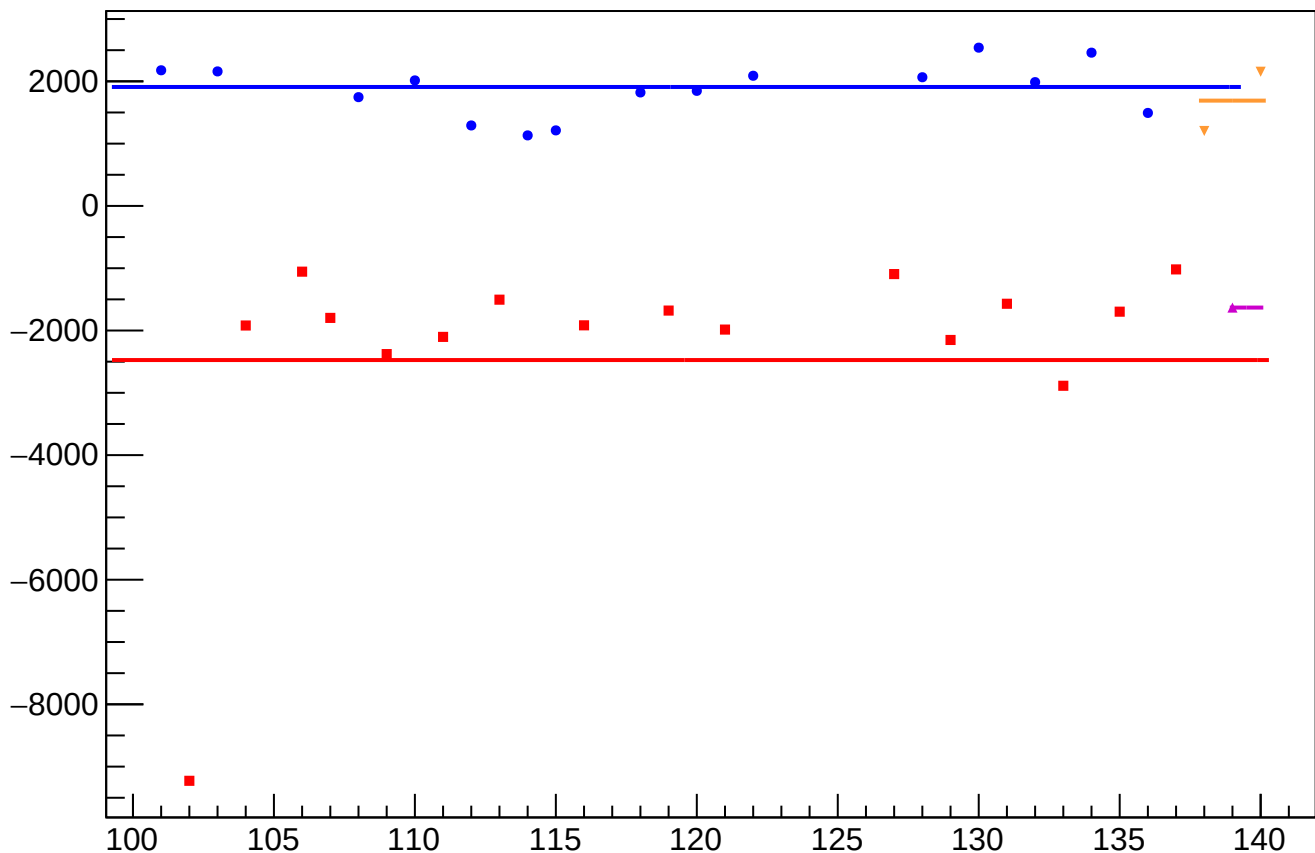
Right: 285.980+/-0.000 χ^2/NDF : 122974265906167

In: 23999.543+/-0.000 χ^2/NDF : 261512547660162

Out: -18783.408+/-0.000 χ^2/NDF : 4052805269996

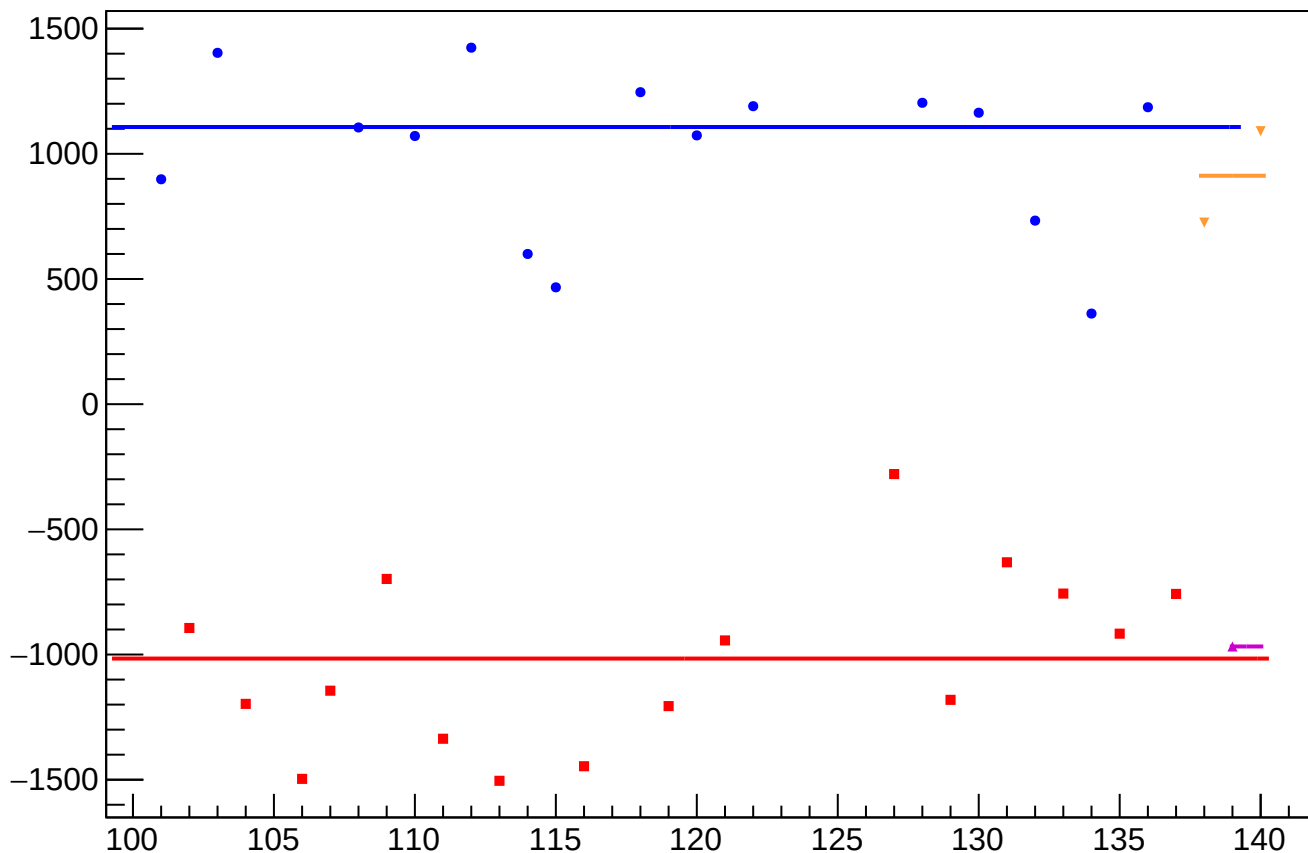
All: 1275.394+/-0.000 χ^2/NDF : 13765035726

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



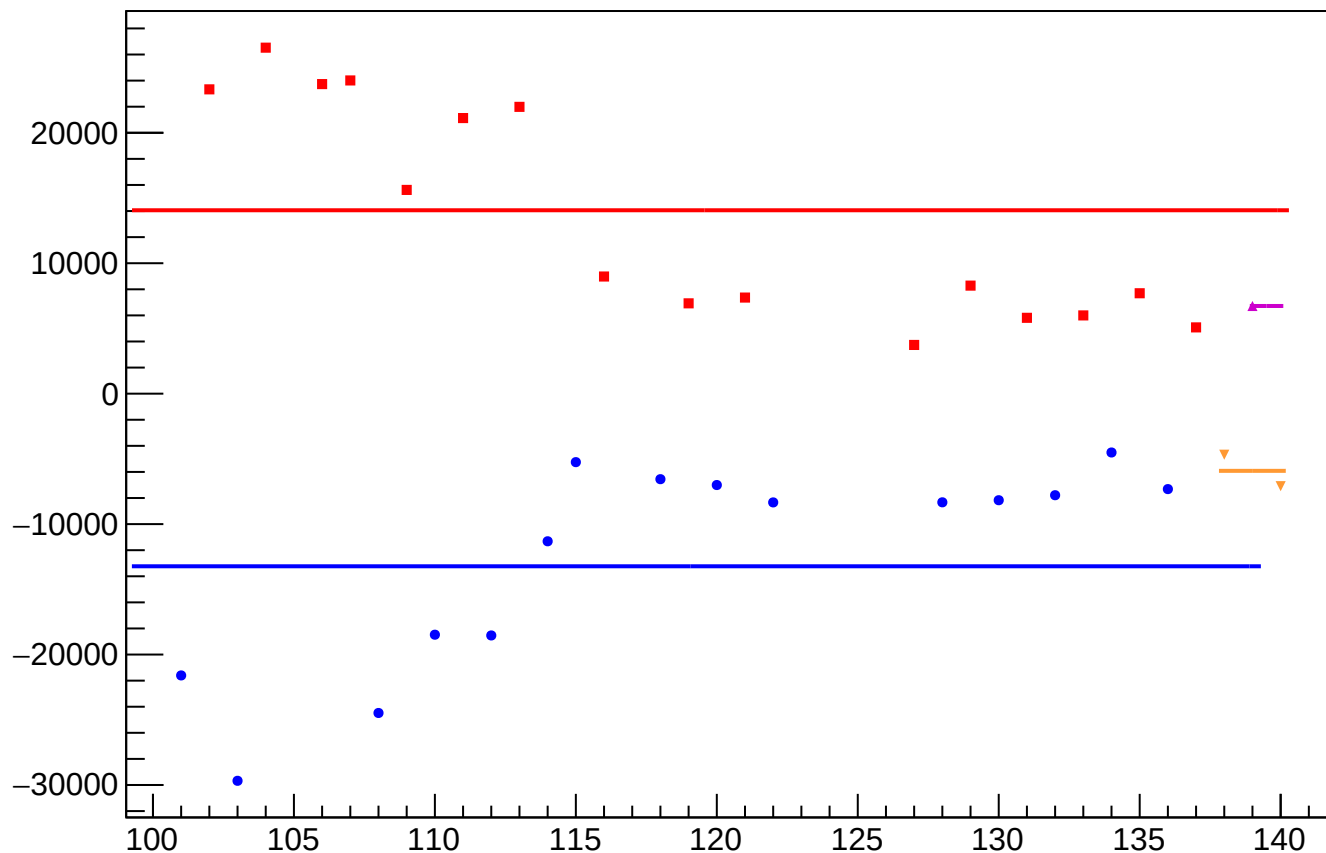
Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left Out: 1690.297+/-0.000 χ^2/NDF : 36163887485031832121316221290366894080.0/1
 Right Out: -2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Left In: -1631.576+/-0.000 χ^2/NDF : 0.0/0
 All: -175.100+/-0.000 χ^2/NDF : 10231362759

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



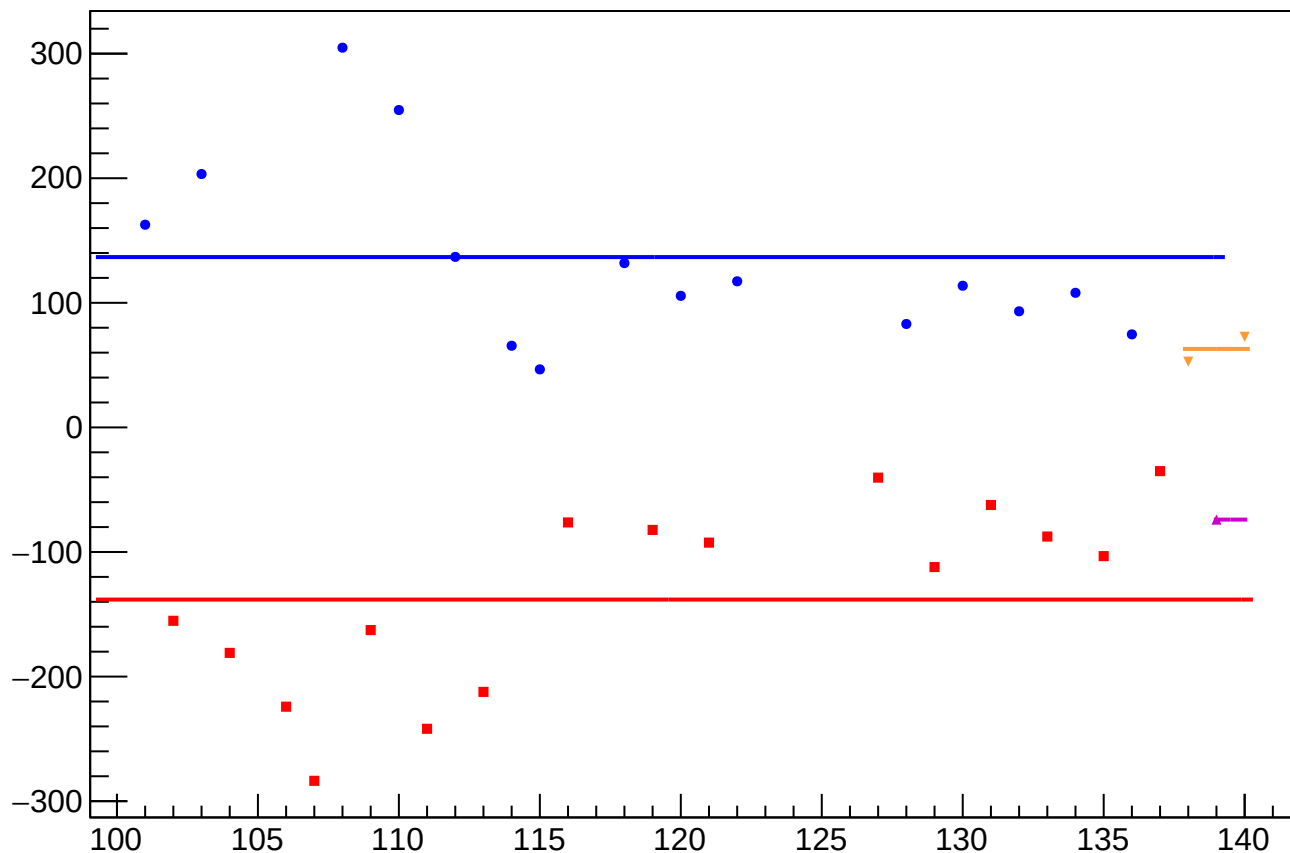
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: 280.477+/-0.000 χ^2/NDF : 1954444039122650
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 In: 876.827+/-0.000 χ^2/NDF : 35065222959884468
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -642.993+/-0.000 χ^2/NDF : 557845440857705
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_sam1_coil4_mean vs Slug, Sign Corrected



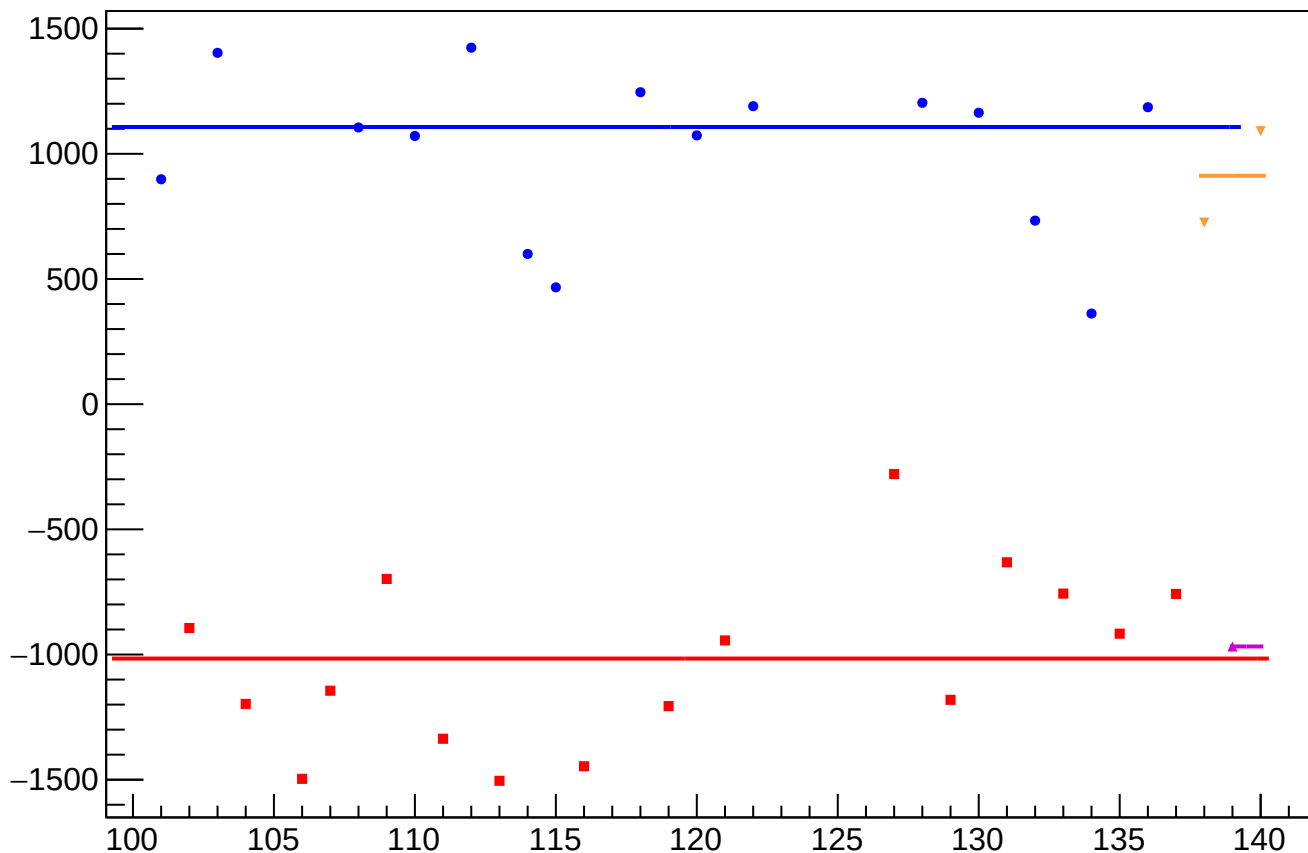
Left: -1668.837+/-0.000 χ^2/NDF : 88228614998545
 Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Right: 600.026+/-0.000 χ^2/NDF : 330784909470012
 Left Out: -5916.700+/-0.000 χ^2/NDF : 232867159142874203300724822959531753472.0/1
 In: -11019.141+/-0.000 χ^2/NDF : 69933557820076
 Right Out: 14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Out: 10195.184+/-0.000 χ^2/NDF : 96221689744628
 Left In: 6722.002+/-0.000 χ^2/NDF : 0.0/0
 All: 248.840+/-0.000 χ^2/NDF : 340656349483

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



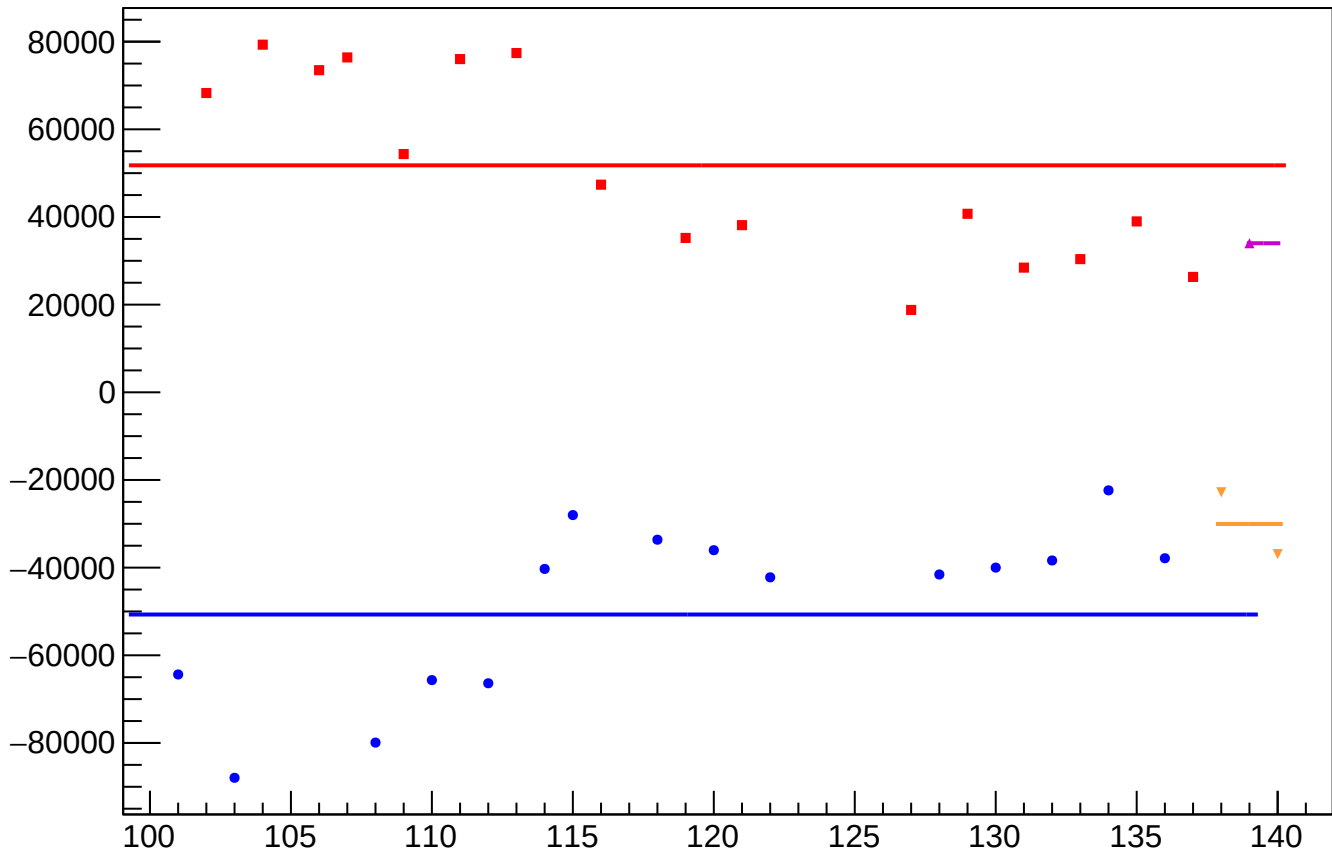
Left: 16.954+/-0.000 χ^2/NDF : 10253431049842951
 Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Left Out: 63.001+/-0.000 χ^2/NDF : 15971776069186173793641862751322112.0/1
 Right Out: -138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15
 Left In: -74.003+/-0.000 χ^2/NDF : 0.0/0
 Out: -99.257+/-0.000 χ^2/NDF : 8469726241893108
 All: 0.415+/-0.000 χ^2/NDF : 31877347374255

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 280.477 ± 0.000 $\chi^2/\text{NDF}: 1954444039122650$
 Right: 30.953 ± 0.000 $\chi^2/\text{NDF}: 1595991371539270$
 Left Out: 912.425 ± 0.000 $\chi^2/\text{NDF}: 5330251110006219551936881140879589376.0/1$
 Right Out: -1016.106 ± 0.000 $\chi^2/\text{NDF}: 7256766433509192712184310037150171136.0/15$
 Left In: -967.815 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 69.575 ± 0.000 $\chi^2/\text{NDF}: 1804118424630$

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424+/-0.000

Left Out: -30039.063+/-0.000

Right Out: 51783.912+/-0.000

Left In: 34011.430+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

χ^2/NDF : 7966931350608554252856230543511733141504.0/1

χ^2/NDF : 281789617729131996271154198472617478848512.0/15

χ^2/NDF : 0.0/0

Left: -8511.719+/-0.000

Right: 1245.090+/-0.000

In: -41296.445+/-0.000

Out: 35953.590+/-0.000

χ^2/NDF : 22858085149143

χ^2/NDF : 39629195371379

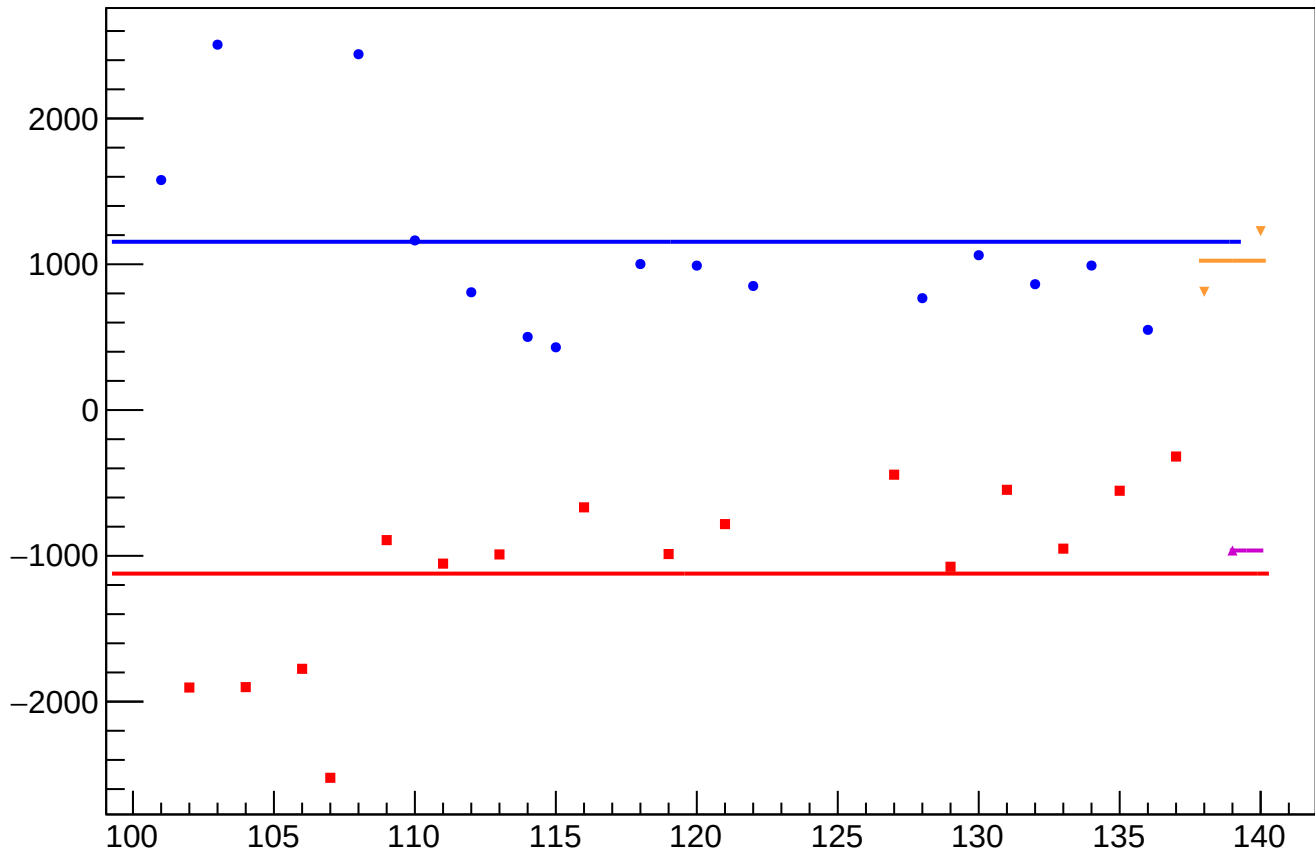
χ^2/NDF : 74332013508959

χ^2/NDF : 11537109792690

All: -265.116+/-0.000

χ^2/NDF : 42108913758

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1154.331+/-0.000

χ^2/NDF : 24927047256347070322737910394663731200.0/14

Left Out: 1024.368+/-0.000

χ^2/NDF : 6918341378058347760785929167815311360.0/1

Right Out: -1121.934+/-0.000

χ^2/NDF : 226159335639567338179811644002797617152.0/15

Left In: -963.454+/-0.000

χ^2/NDF : 1046900.5/0

Left: 356.262+/-0.000 χ^2/NDF : 2194104918071539

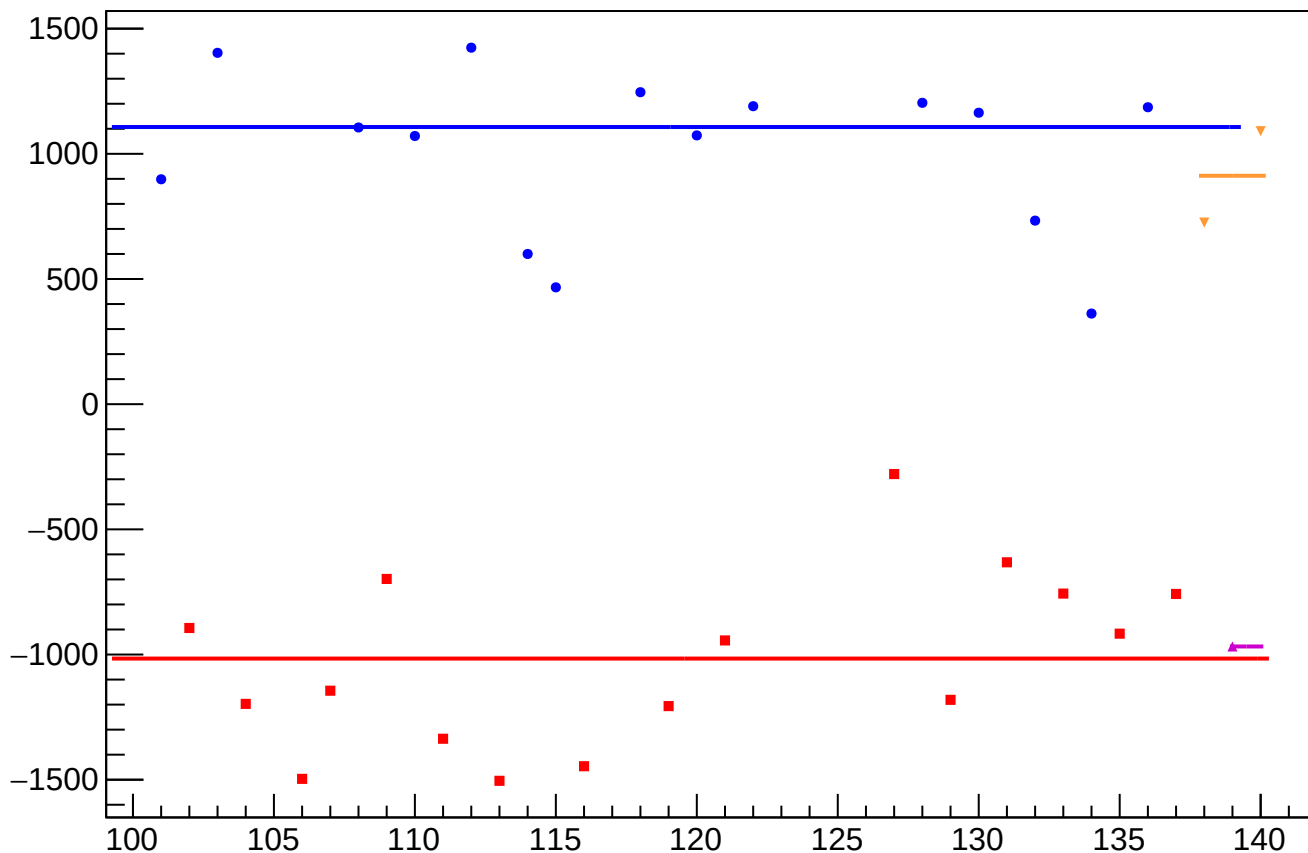
Right: 0.631+/-0.000 χ^2/NDF : 21797856278979973

In: 919.344+/-0.000 χ^2/NDF : 57224657968774220

Out: -706.688+/-0.000 χ^2/NDF : 827536936095509

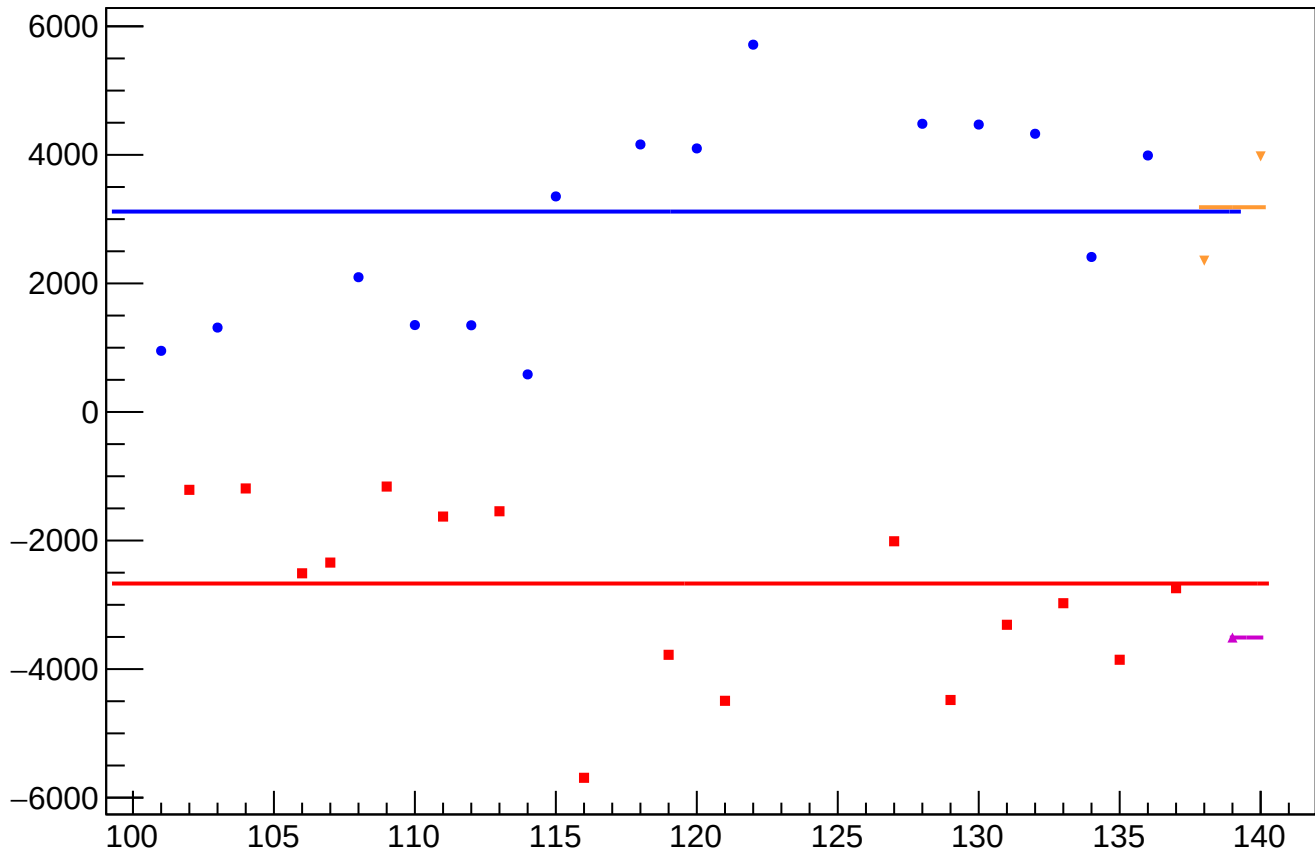
All: 55.677+/-0.000 χ^2/NDF : 2424958338927

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3117.914+/-0.000

χ^2/NDF : 1552738593335565674554918493159210090496.0/14

Left Out: 3185.462+/-0.000

χ^2/NDF : 105155359663616594104799204488368881664.0/1

Right Out: -2668.794+/-0.000

χ^2/NDF : 1136406286131098596000054422131257114624.0/15

Left In: -3508.829+/-0.000

χ^2/NDF : 0.0/0

Left: 935.514+/-0.000 χ^2/NDF : 2515045442922972

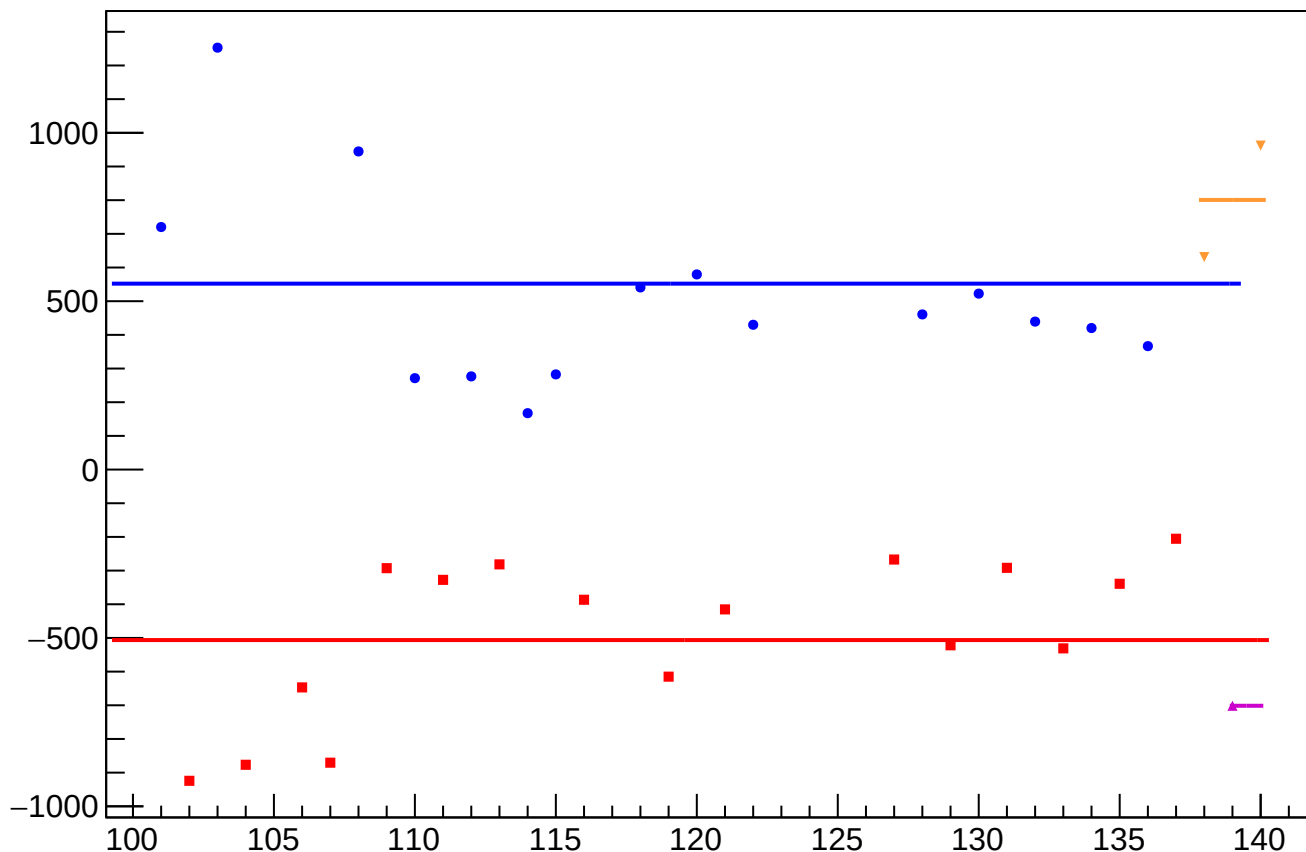
Right: 184.985+/-0.000 χ^2/NDF : 137039743554262

In: 2382.617+/-0.000 χ^2/NDF : 4715068114819247

Out: -1536.169+/-0.000 χ^2/NDF : 56642244644321

All: 301.155+/-0.000 χ^2/NDF : 16333760895

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 800.690+/-0.000 χ^2/NDF : 4382866265299754771691496011609407488.0/1

Right Out: -506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: -701.419+/-0.000 χ^2/NDF : 0.0/0

Left: 295.832+/-0.000 χ^2/NDF : 1257191365455080

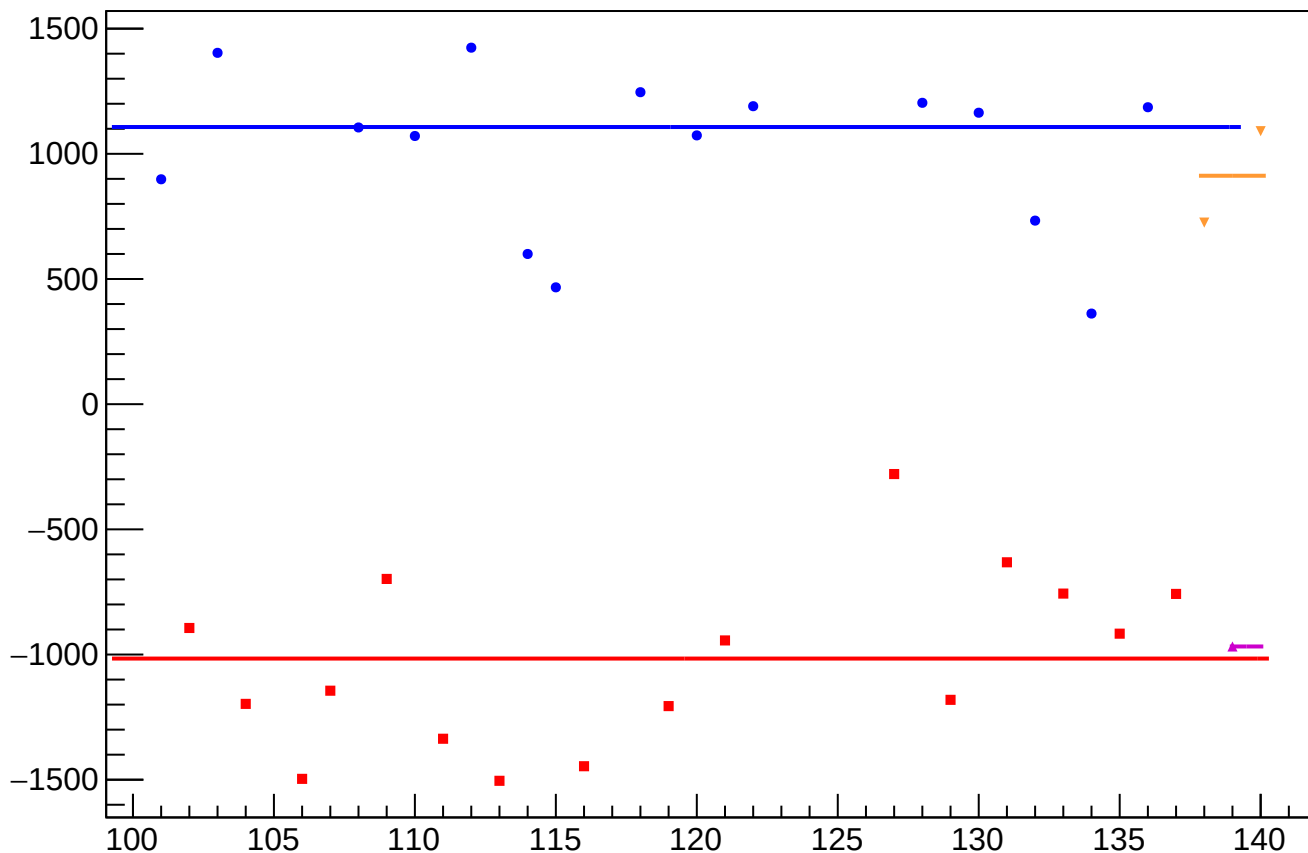
Right: 15.643+/-0.000 χ^2/NDF : 4564382403190982

In: 413.018+/-0.000 χ^2/NDF : 16389417328251004

Out: -253.473+/-0.000 χ^2/NDF : 262016895772280

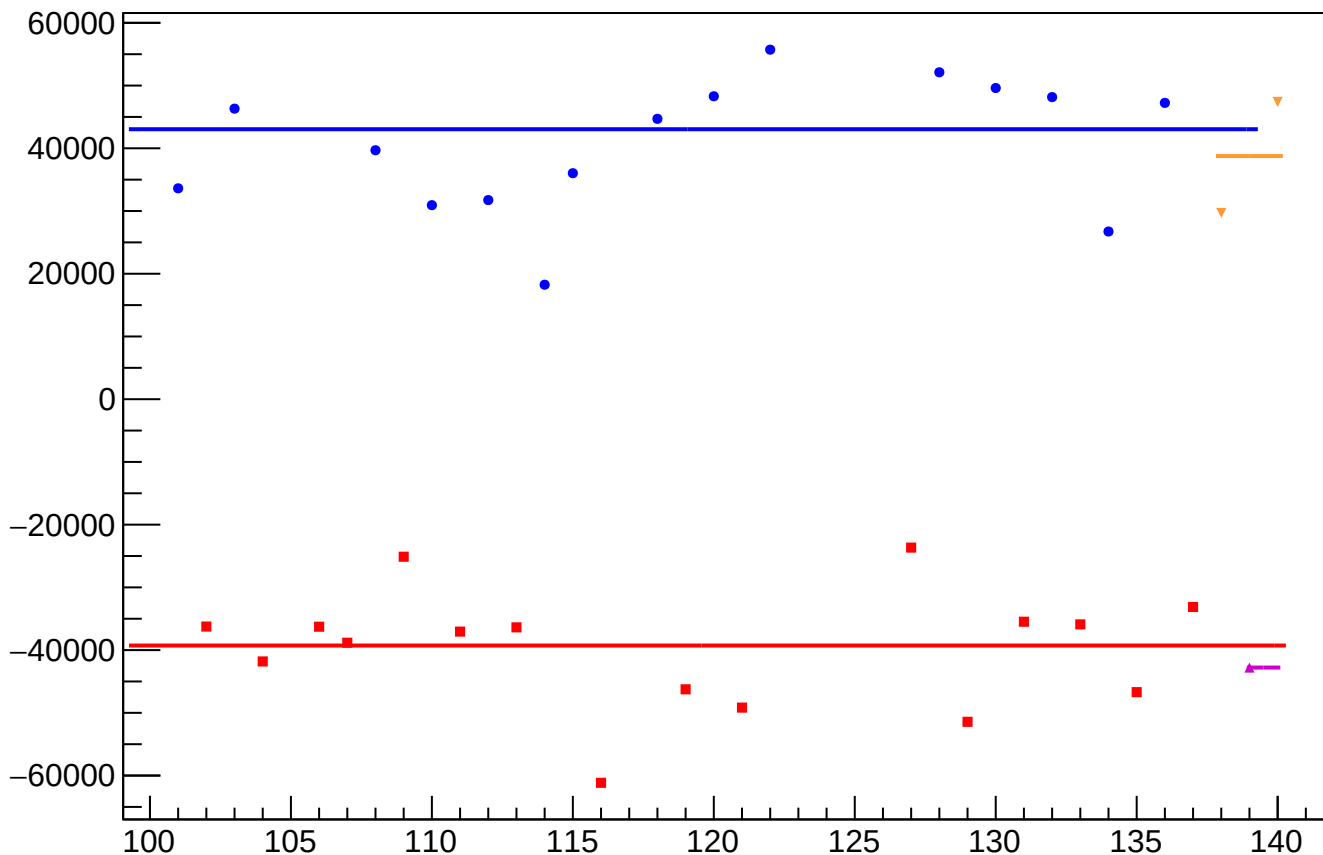
All: 59.012+/-0.000 χ^2/NDF : 5981487668651

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000

χ^2/NDF : 48397052922561722652666786407552179503104.0/14

Left Out: 38761.781+/-0.000

χ^2/NDF : 12528170865847207254984351524118109093888.0/1

Right Out: -39269.627+/-0.000

χ^2/NDF : 51873036517757666237545716605051585167360.0/15

Left In: -42782.671+/-0.000

χ^2/NDF : 0.0/0

Left: 11354.724+/-0.000 χ^2/NDF : 37011111805149

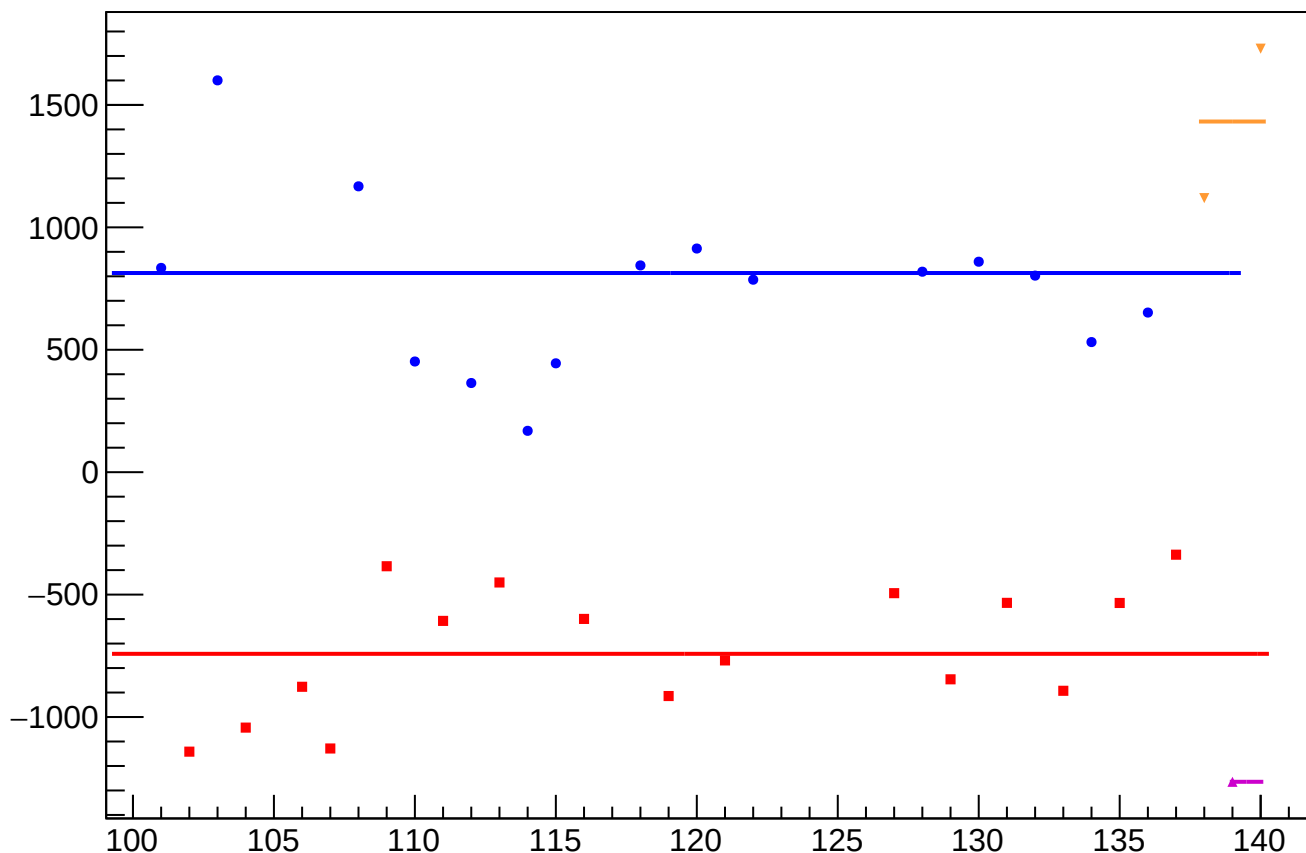
Right: 1322.243+/-0.000 χ^2/NDF : 23287829079556

In: 33517.146+/-0.000 χ^2/NDF : 578805186509446

Out: -24172.861+/-0.000 χ^2/NDF : 8501417998508

All: 2875.119+/-0.000 χ^2/NDF : 27193962535

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 813.500+/-0.000

χ^2/NDF : 67120916816548237638948787518351343616.0/14

Left Out: 1432.231+/-0.000

χ^2/NDF : 14893568655562901546677397480577957888.0/1

Right Out: -741.911+/-0.000

χ^2/NDF : 44074134397215409235604746432671645696.0/15

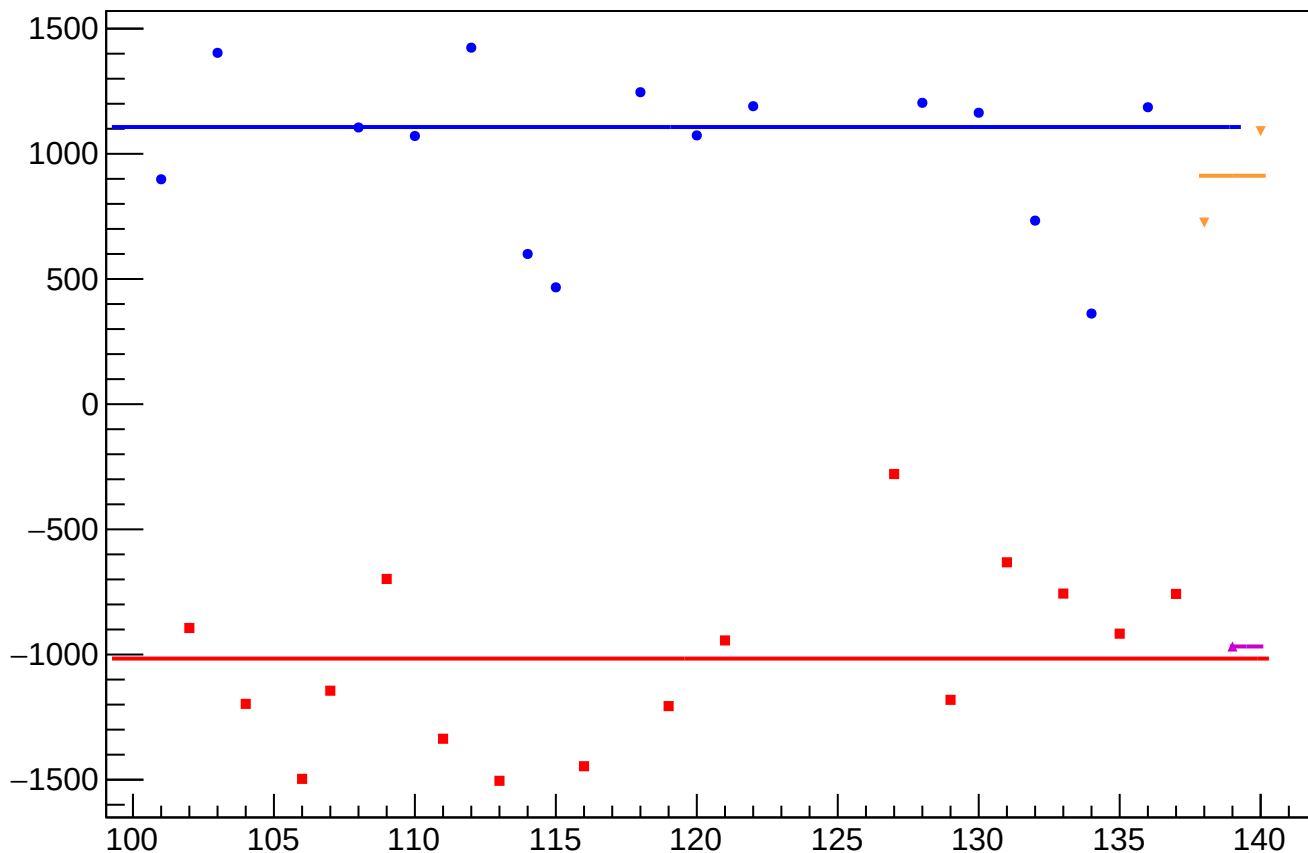
Left In: -1264.589+/-0.000

χ^2/NDF : 4187601.9/0

All: 102.654+/-0.000

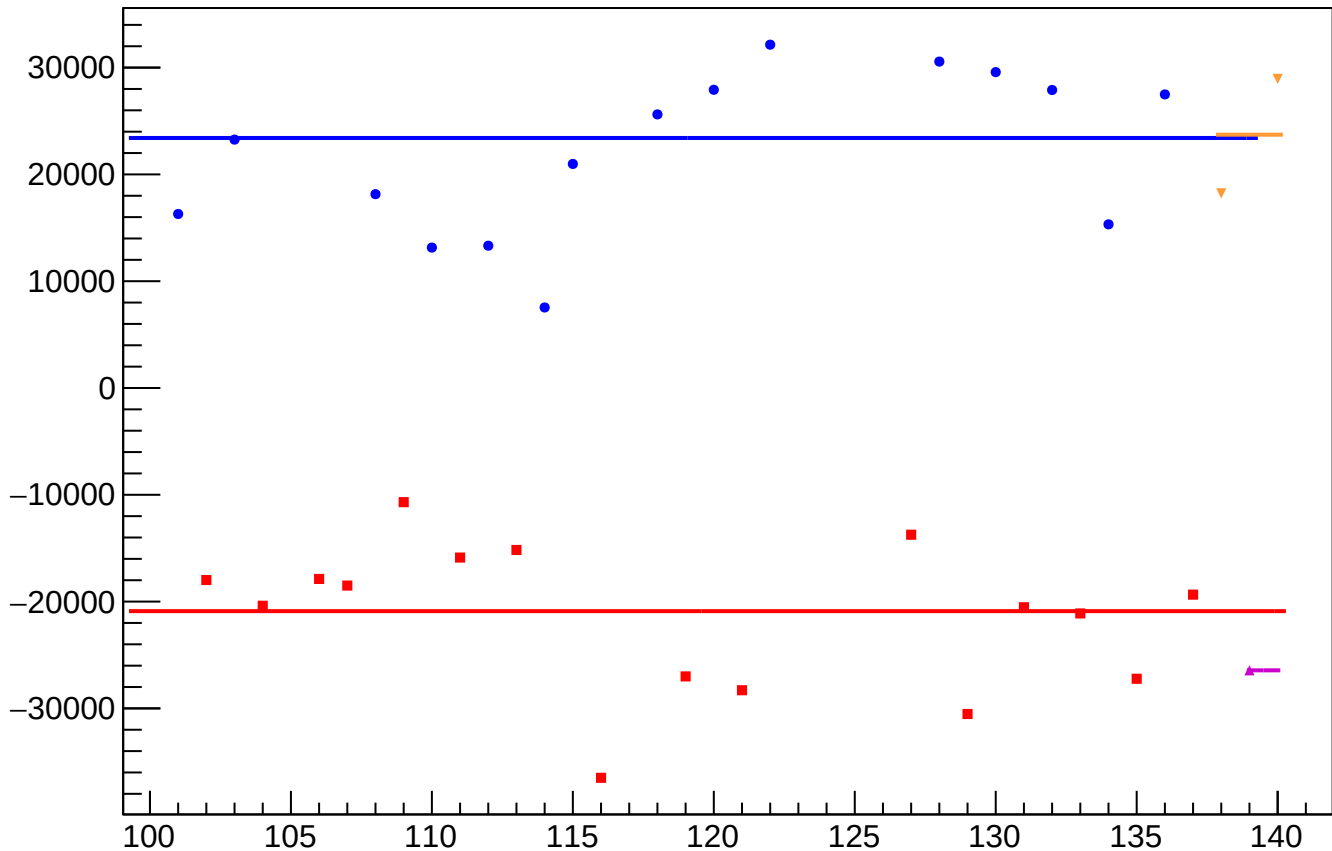
χ^2/NDF : 136405611688

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 280.477+/-0.000 χ^2/NDF : 1954444039122650
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 In: 876.827+/-0.000 χ^2/NDF : 3506522295988446
 Out: -642.993+/-0.000 χ^2/NDF : 557845440857705
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506+/-0.000

χ^2/NDF : 28427457471

Left: 6861.877+/-0.000 χ^2/NDF : 139881855844912

Right: 955.690+/-0.000 χ^2/NDF : 701538889846229

Left Out: 23719.940+/-0.000

χ^2/NDF : 4591345673677

In: 17880.260+/-0.000 χ^2/NDF : 207376171976485

Right Out: -20894.122+/-0.000

χ^2/NDF : 274089658045

Out: -12262.623+/-0.000 χ^2/NDF : 2888528314987

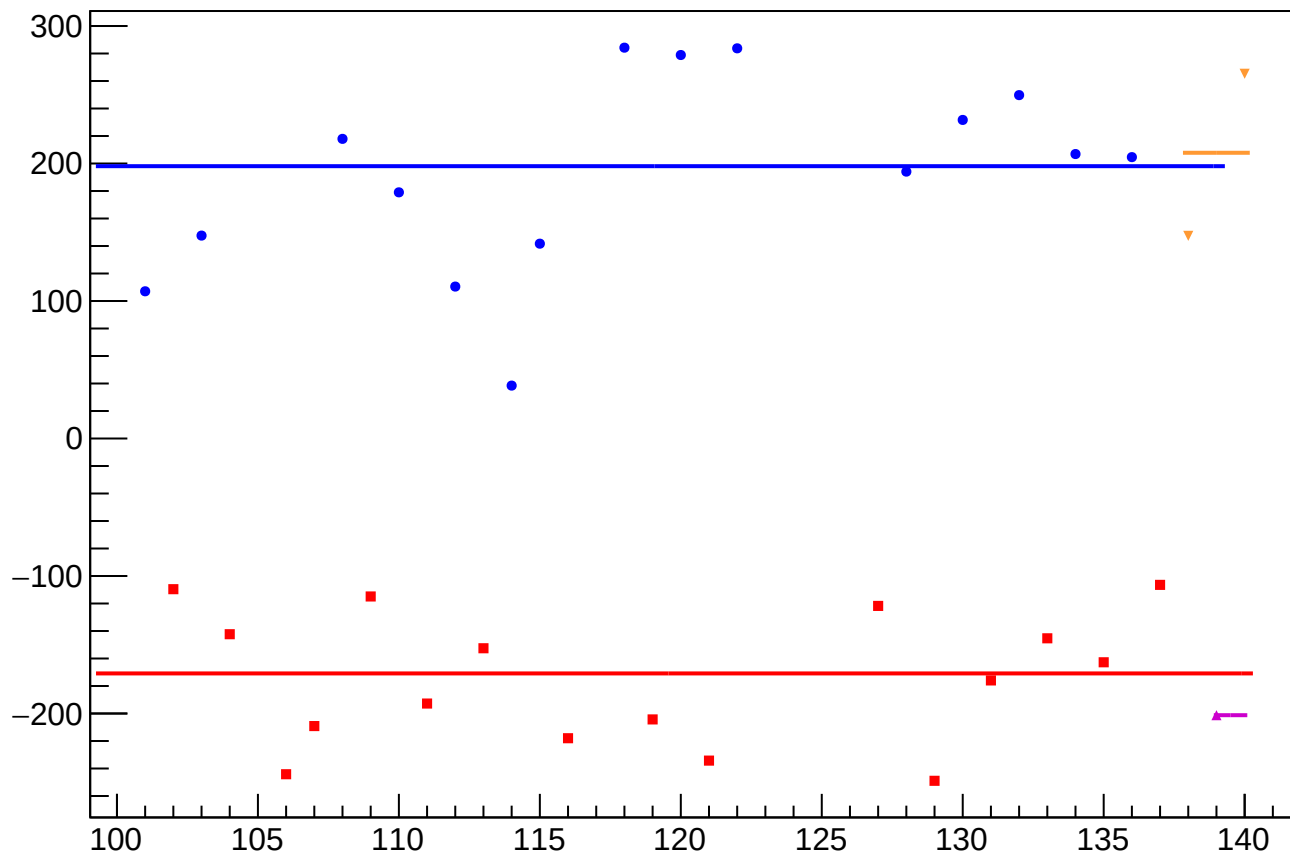
Left In: -26438.000+/-0.000

χ^2/NDF : 0.0/0

All: 1869.878+/-0.000

χ^2/NDF : 84852631123

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 198.056+/-0.000

χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 207.805+/-0.000

χ^2/NDF : 555386427593490475700505458920914944.0/1

Right Out: -170.851+/-0.000

χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: -201.229+/-0.000

χ^2/NDF : 0.0/0

Left: 70.329+/-0.000 χ^2/NDF : 95526034779936390

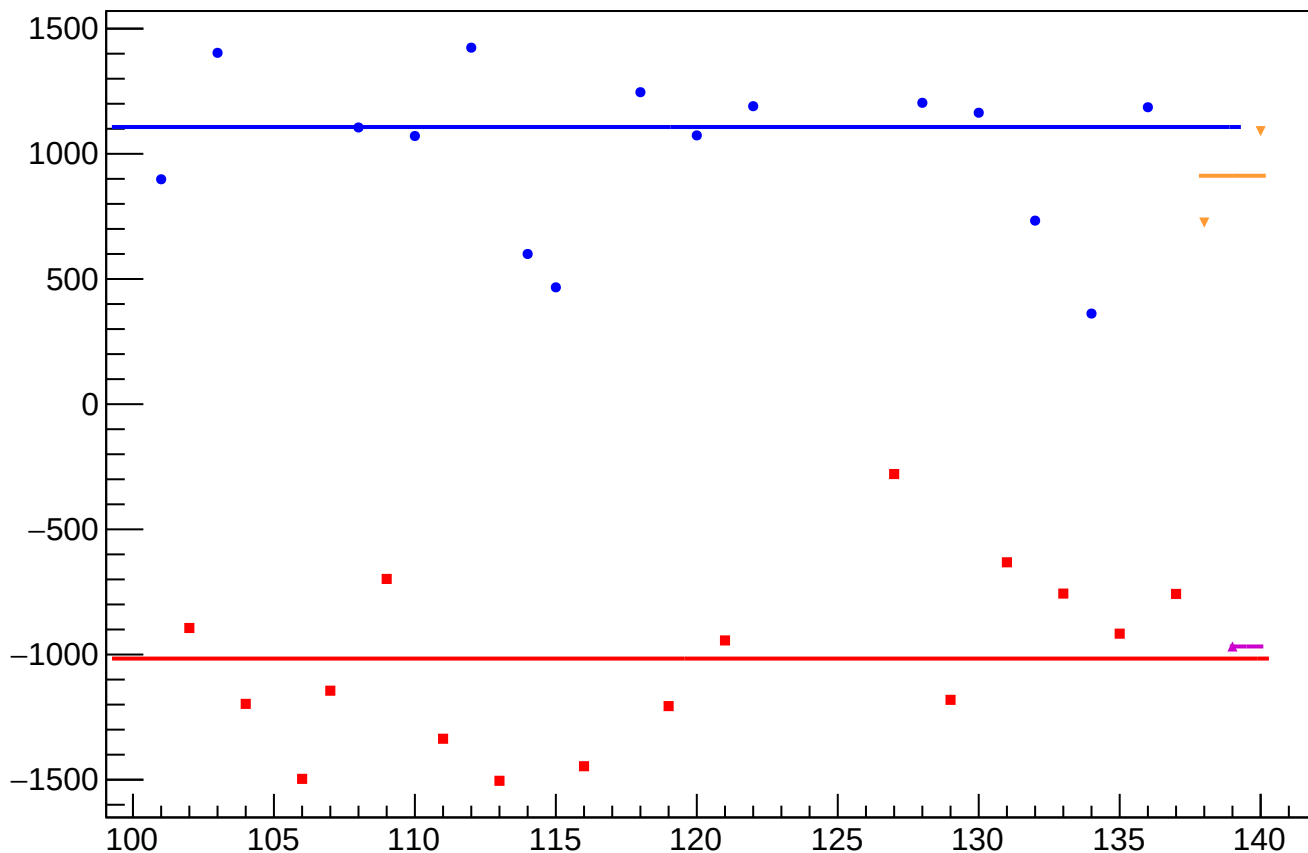
Right: 11.079+/-0.000 χ^2/NDF : 4866728486717223

In: 153.751+/-0.000 χ^2/NDF : 13963744954590167

Out: -97.593+/-0.000 χ^2/NDF : 2047626311848019

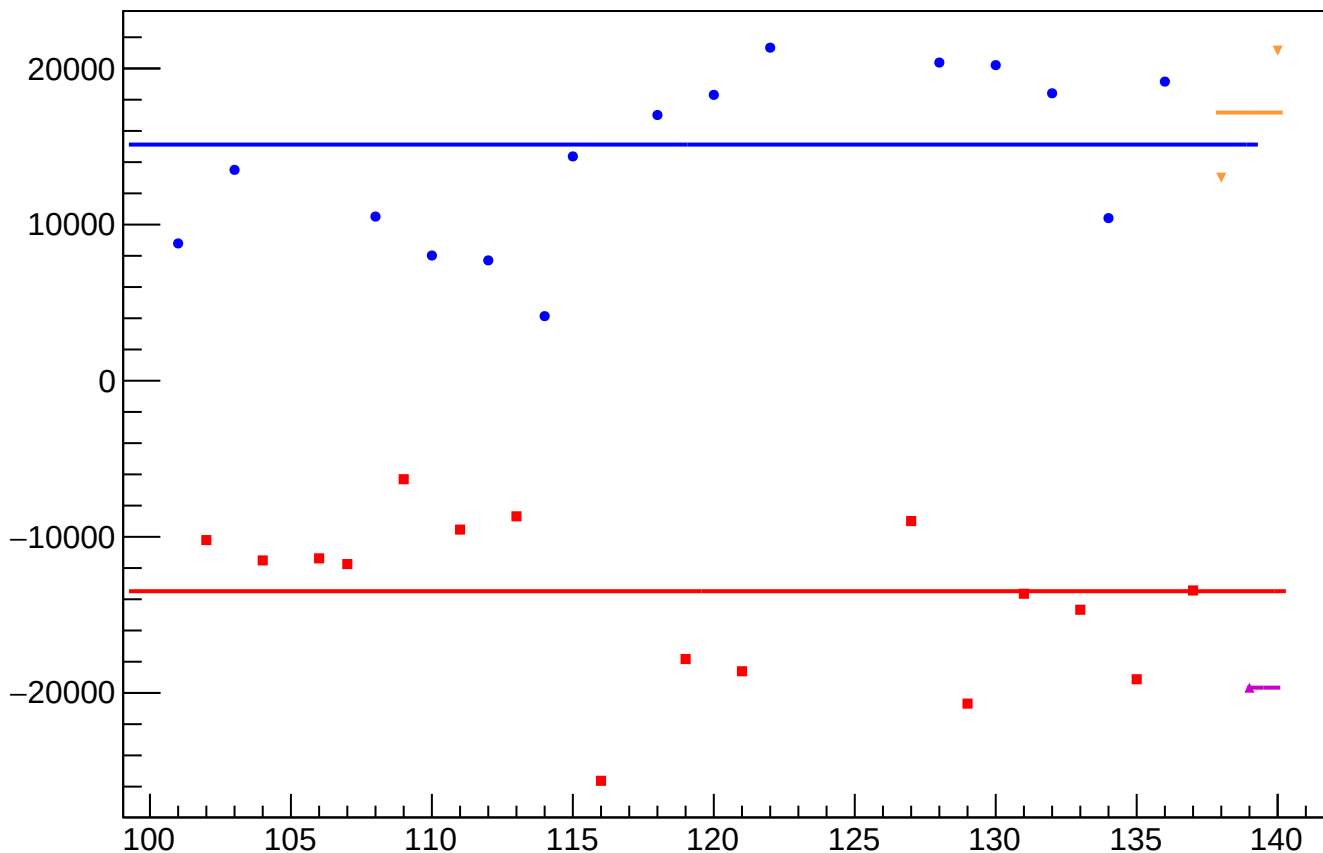
All: 20.250+/-0.000 χ^2/NDF : 5893497405576

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



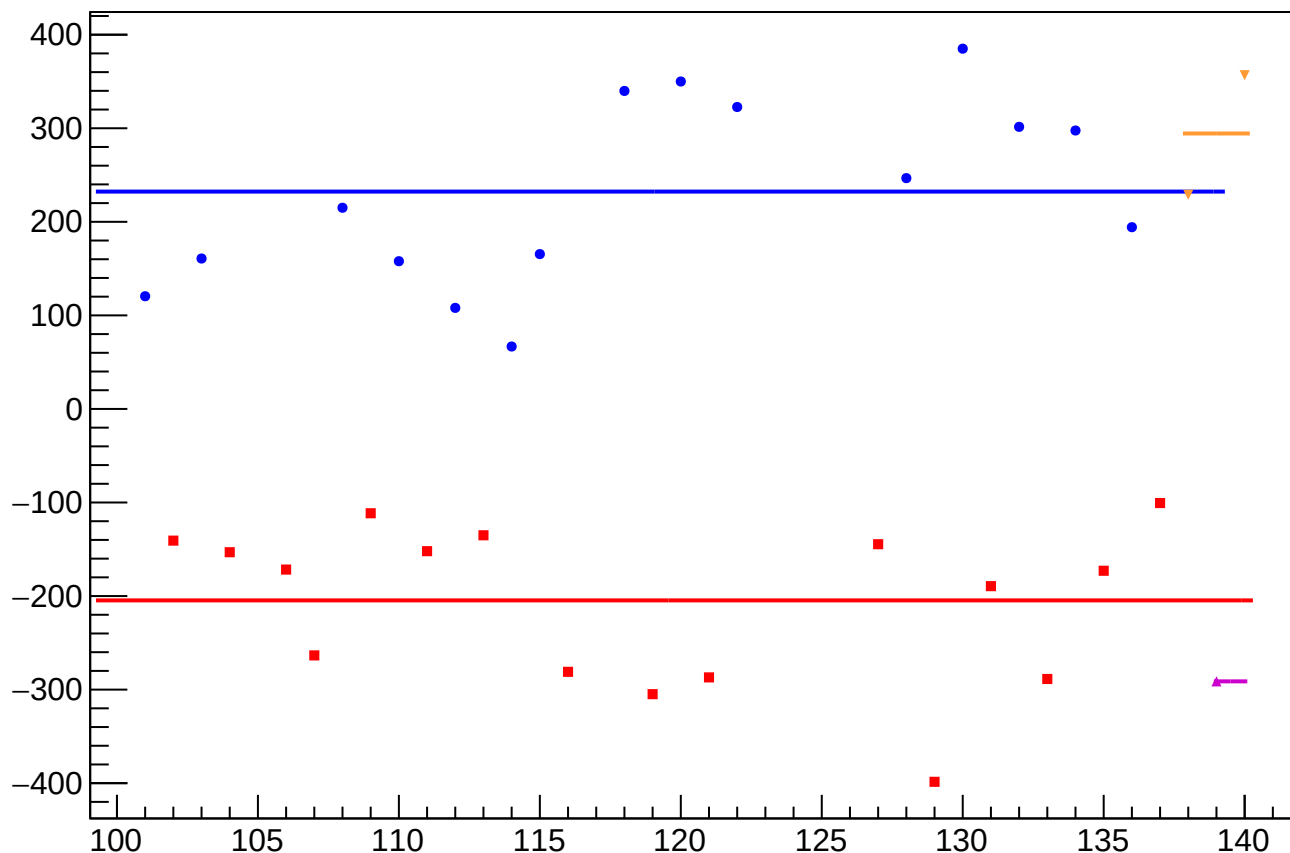
Left: 280.477+/-0.000 χ^2/NDF : 1954444039122650
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 In: 876.827+/-0.000 χ^2/NDF : 3506522295988446
 Out: -642.993+/-0.000 χ^2/NDF : 557845440857705
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left: 4794.858+/-0.000 χ^2/NDF : 756110885946060
 Right: 626.147+/-0.000 χ^2/NDF : 301736371959472
 Left Out: 17175.304+/-0.000 χ^2/NDF : 2644411707779179236667299273627603566592.0/1
 Right Out: -13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 In: 11265.998+/-0.000 χ^2/NDF : 103755980696174
 Out: -7550.917+/-0.000 χ^2/NDF : 13984208878911
 Left In: -19660.343+/-0.000 χ^2/NDF : 0.0/0
 All: 1271.400+/-0.000 χ^2/NDF : 38088733627

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 232.312+/-0.000

χ^2/NDF : 5478184144885833956204804001180418048.0/14

Left Out: 294.417+/-0.000

χ^2/NDF : 652378984609114240290412578939600896.0/1

Right Out: -204.637+/-0.000

χ^2/NDF : 4555067046835230017930882867882098688.0/15

Left In: -291.179+/-0.000

χ^2/NDF : 261725.1/0

Left: 97.599+/-0.000 χ^2/NDF : 19093411428252205

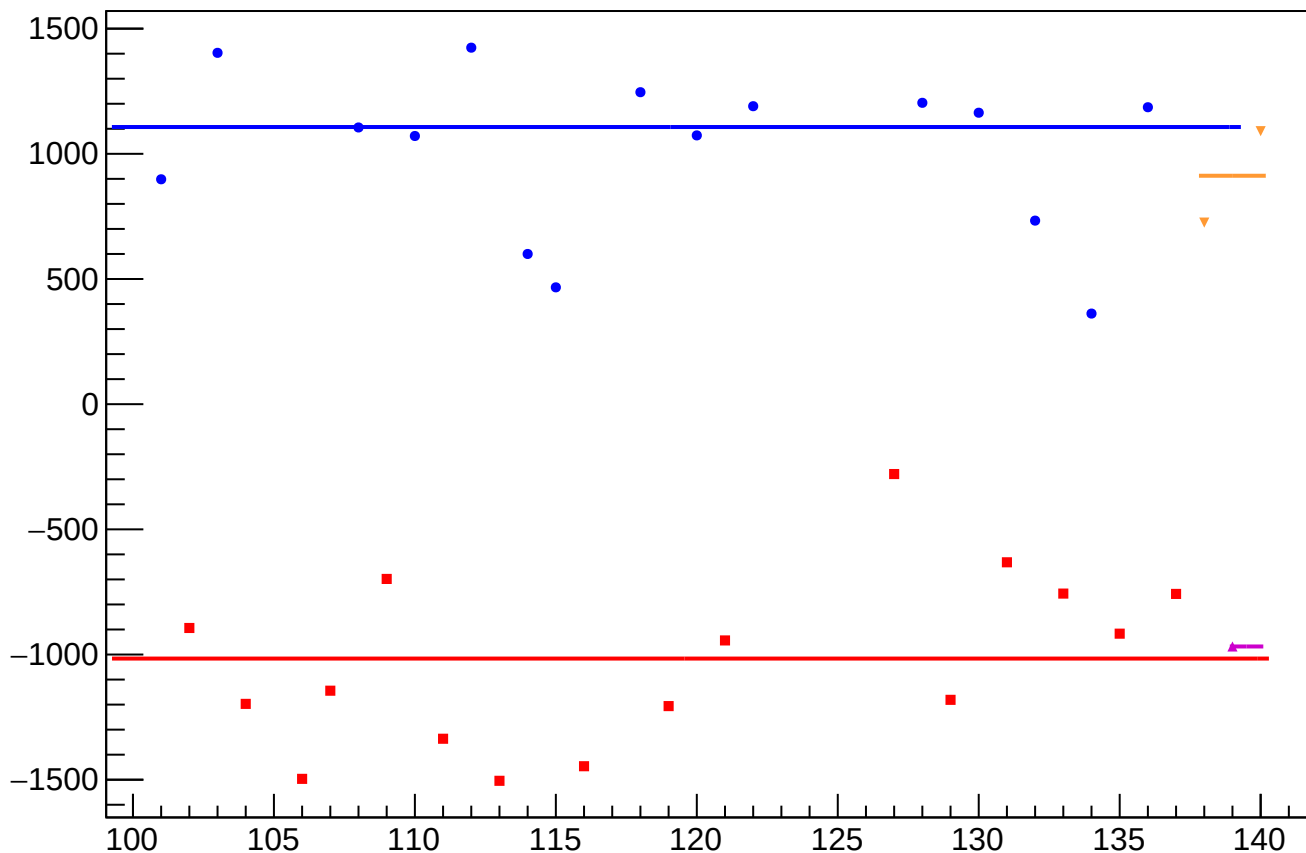
Right: 10.849+/-0.000 χ^2/NDF : 7283570791033899

In: 174.226+/-0.000 χ^2/NDF : 25212684474451105

Out: -108.085+/-0.000 χ^2/NDF : 373467297671562

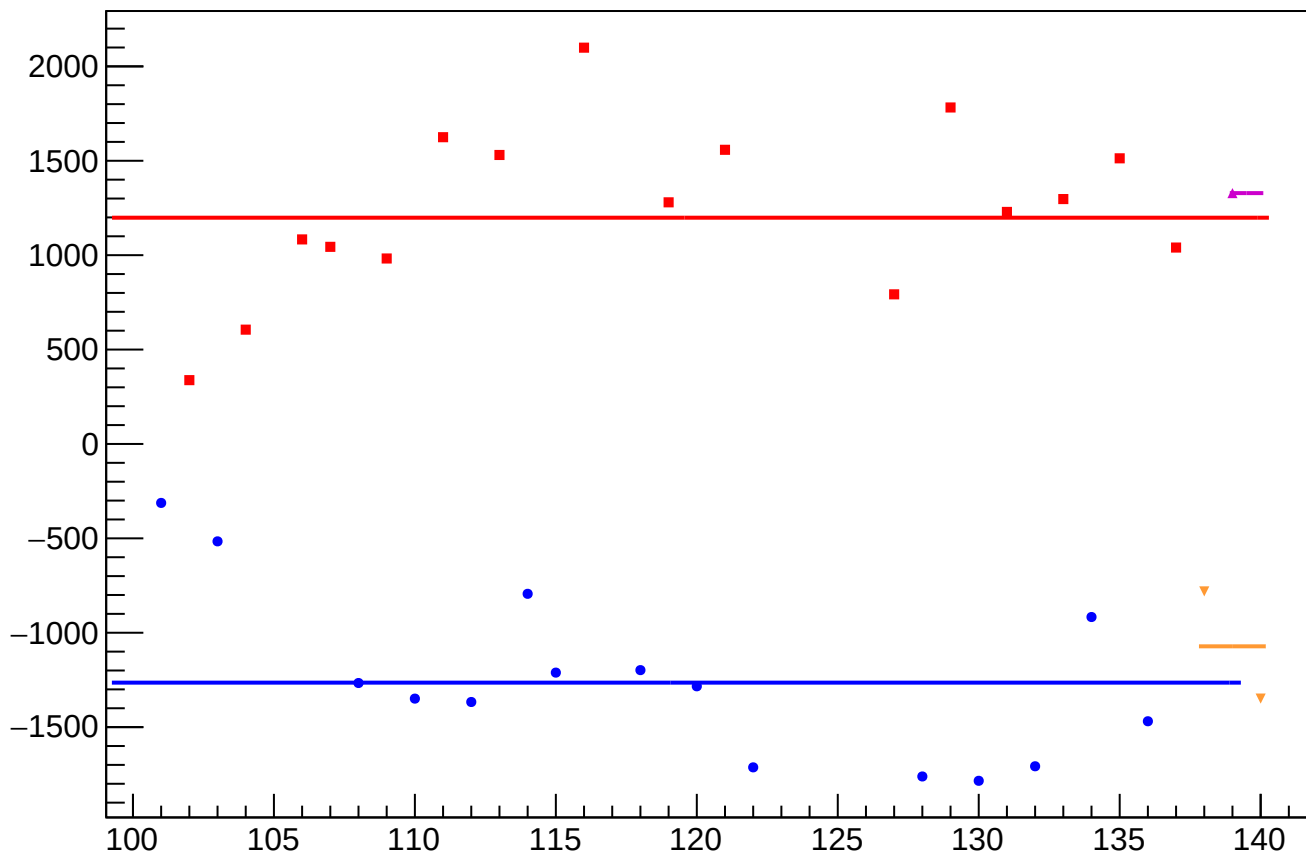
All: 24.277+/-0.000 χ^2/NDF : 9346202723601

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 280.477+/-0.000 χ^2/NDF : 1954444039122650
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 In: 876.827+/-0.000 χ^2/NDF : 3506522295988446
 Out: -642.993+/-0.000 χ^2/NDF : 557845440857705
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303+/-0.000

Left Out: -1071.968+/-0.000

Right Out: 1198.483+/-0.000

Left In: 1328.720+/-0.000

χ^2/NDF : 140215251538502657549173994543931981824.0/14

χ^2/NDF : 12885187810649996322743617990372098048.0/1

χ^2/NDF : 131164763898016793515492217696167133184.0/15

χ^2/NDF : 0.0/0

Left: -265.098+/-0.000 χ^2/NDF : 322812209656206

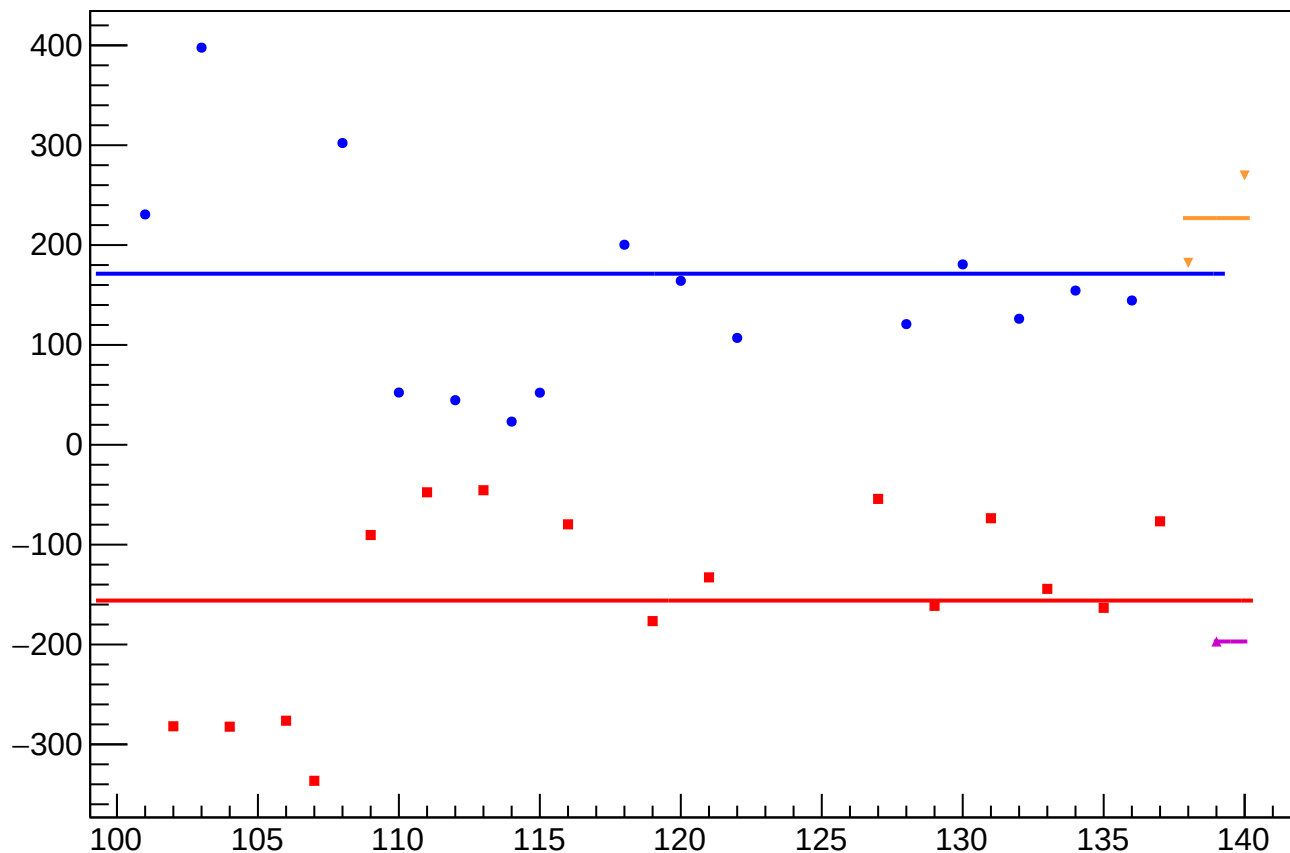
Right: -16.067+/-0.000 χ^2/NDF : 226649511001664

In: -976.584+/-0.000 χ^2/NDF : 6244093485175038

Out: 759.218+/-0.000 χ^2/NDF : 8092690241906917

All: -54.613+/-0.000 χ^2/NDF : 260193985757

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 171.323+/-0.000

χ^2/NDF : 6120975075187305509795143064993398784.0/14

Left Out: 227.039+/-0.000

χ^2/NDF : 305728041072592133175364892424667136.0/1

Right Out: -155.993+/-0.000

χ^2/NDF : 5680659281504595852021524727244783616.0/15

Left In: -196.987+/-0.000

χ^2/NDF : 0.0/0

Left: 84.524+/-0.000 χ^2/NDF : 99745413801001813

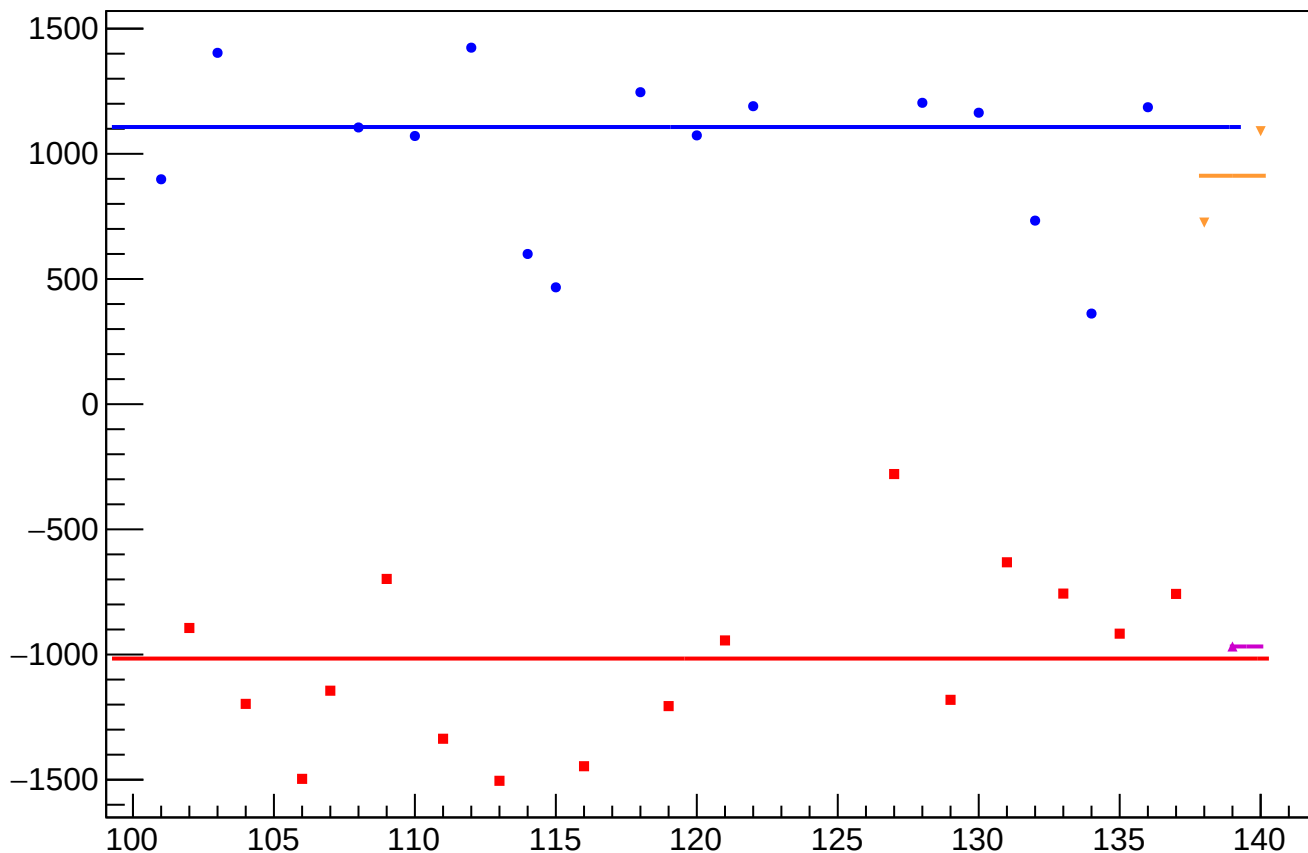
Right: 5.426+/-0.000 χ^2/NDF : 47042708197761076

In: 130.455+/-0.000 χ^2/NDF : 15889603894630739

Out: -81.888+/-0.000 χ^2/NDF : 2491901826733503

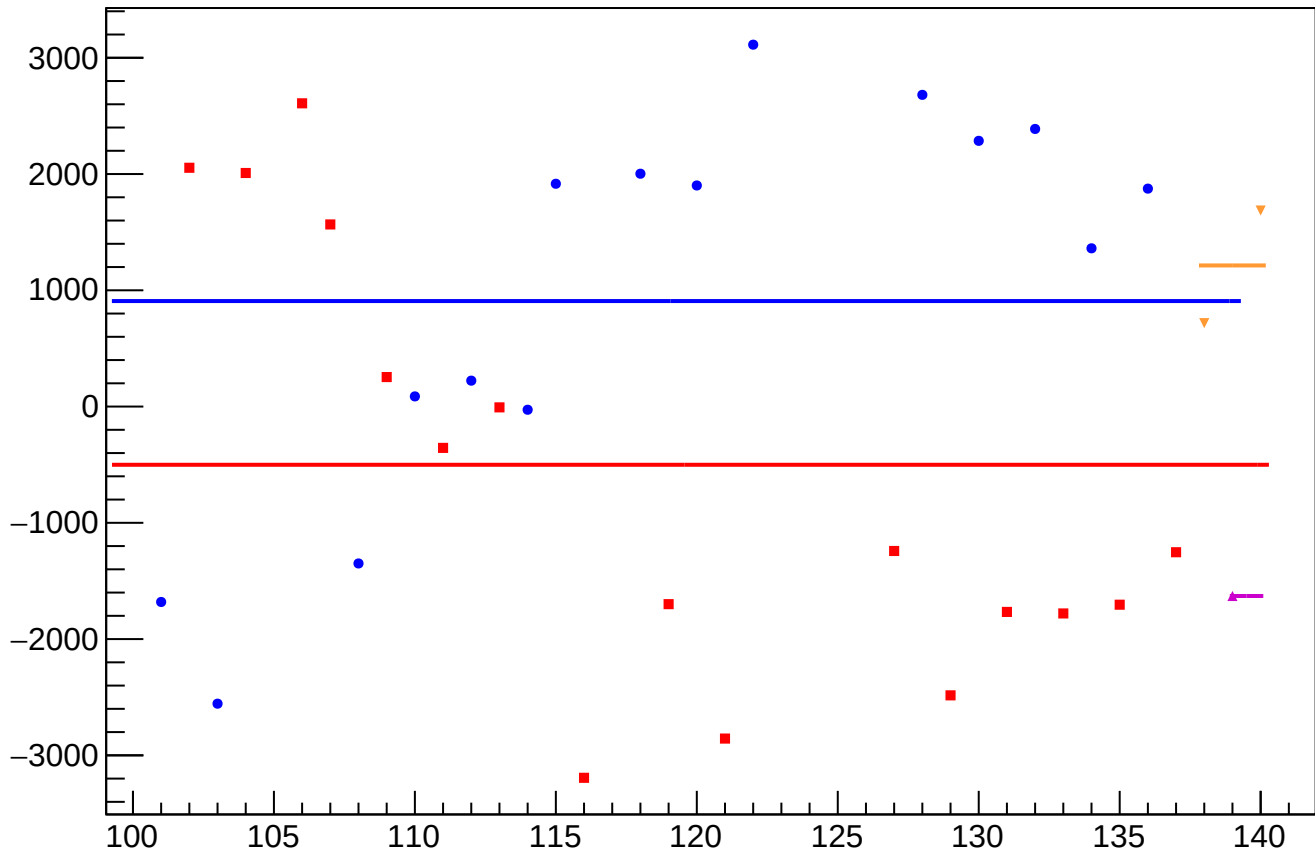
All: 17.669+/-0.000 χ^2/NDF : 5829166853119

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 907.442+/-0.000

χ^2/NDF : 2107238007691848638499662178406566461440.0/14

Left Out: 1213.816+/-0.000

χ^2/NDF : 37506283081746735756099599905807400960.0/1

Right Out: -500.689+/-0.000

χ^2/NDF : 2074232918749953174436803426379074895872.0/15

Left In: -1629.358+/-0.000

χ^2/NDF : 4187601.9/0

Left: 258.226+/-0.000 χ^2/NDF : 4722113391211547

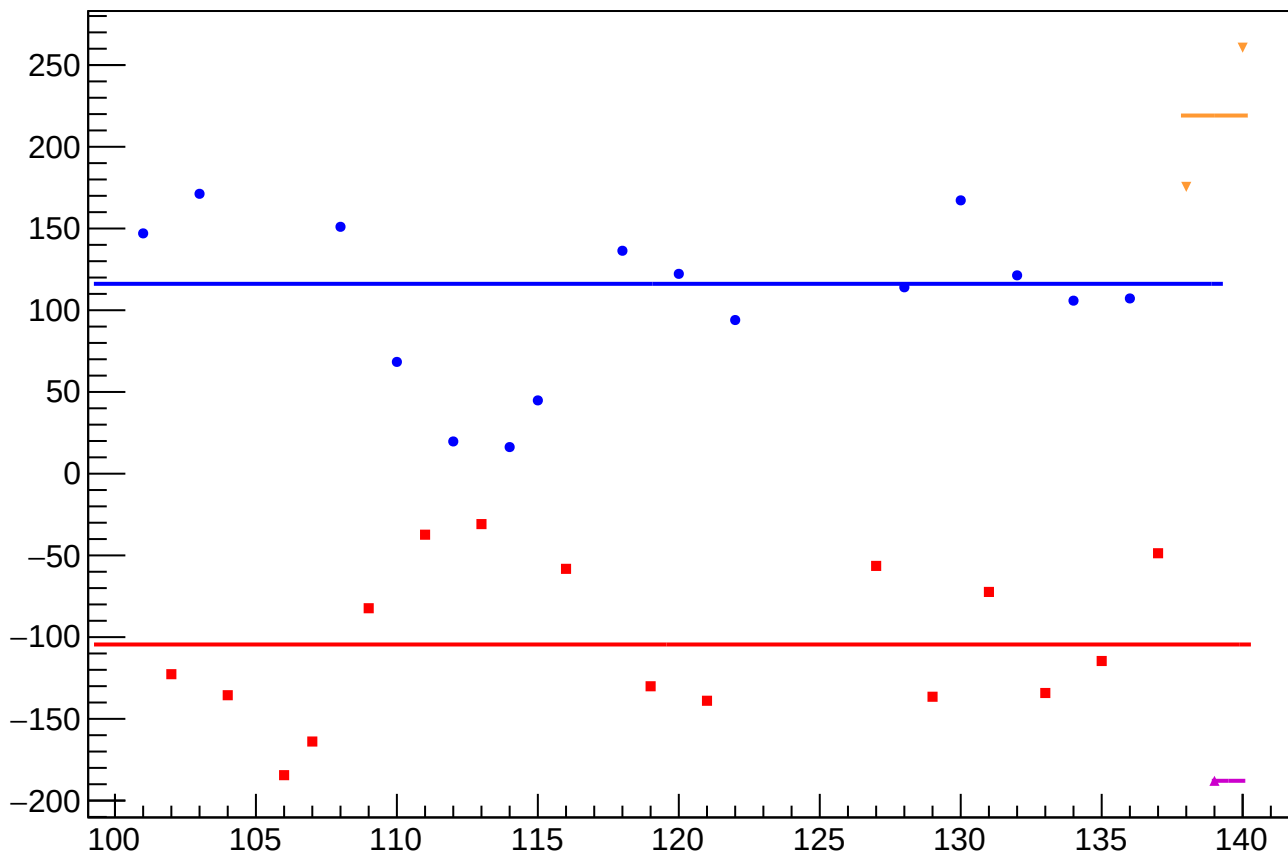
Right: 193.746+/-0.000 χ^2/NDF : 483370034209518

In: 625.961+/-0.000 χ^2/NDF : 2570662708990183

Out: -168.983+/-0.000 χ^2/NDF : 249106944217246

All: 203.727+/-0.000 χ^2/NDF : 530675857876

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 116.159+/-0.000

χ^2/NDF : 1198526427485199785396504127288115200.0/14

Left Out: 219.123+/-0.000

χ^2/NDF : 289913336994628479134988278576447488.0/1

Right Out: -104.501+/-0.000

χ^2/NDF : 1285986383644058507445602420764180480.0/15

Left In: -187.897+/-0.000

χ^2/NDF : 0.0/0

Left: 82.324+/-0.000 χ^2/NDF : 91987182133998417

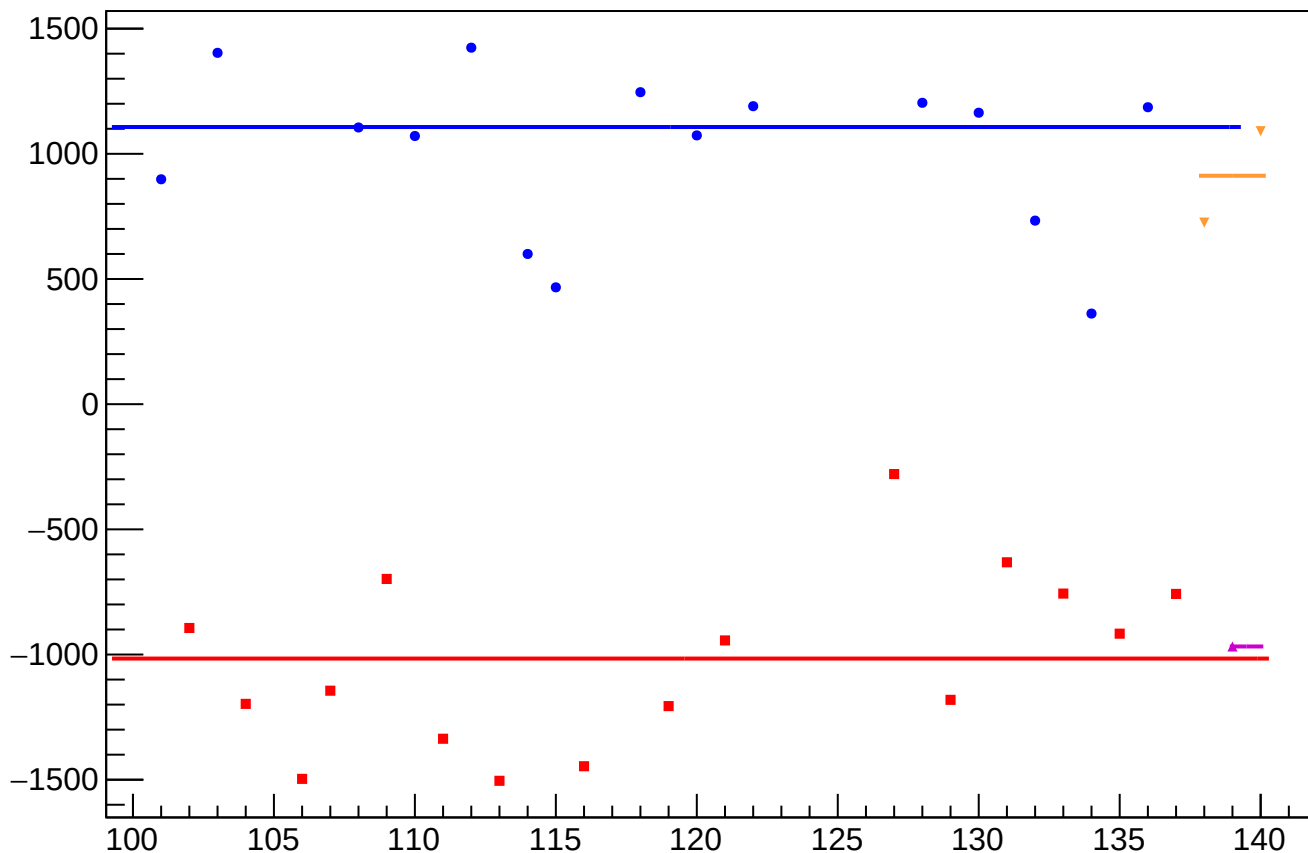
Right: 4.320+/-0.000 χ^2/NDF : 18500756430901072

In: 82.421+/-0.000 χ^2/NDF : 785607905087701911

Out: -41.889+/-0.000 χ^2/NDF : 1509103366445772

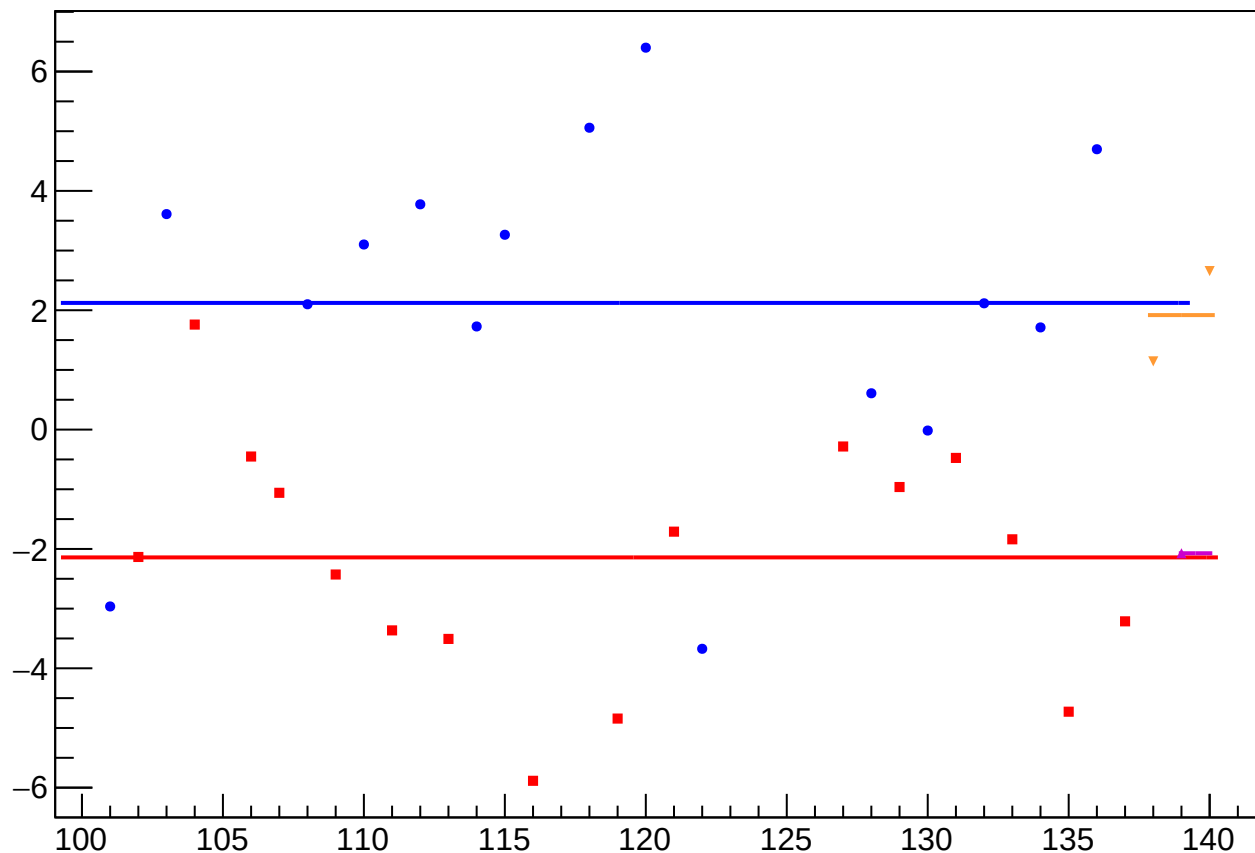
All: 16.394+/-0.000 χ^2/NDF : 2893887600519

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



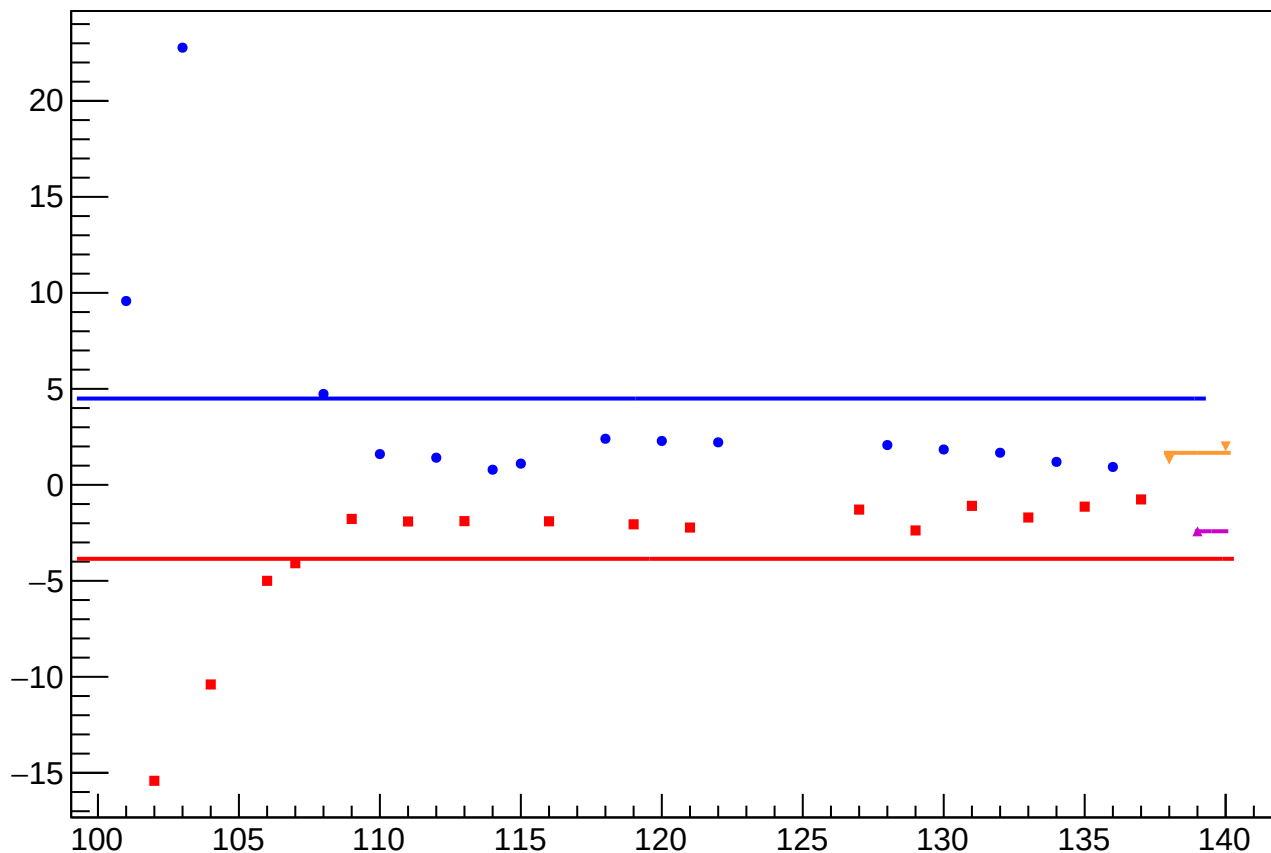
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: 280.477+/-0.000 χ^2/NDF : 1954444039122650
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 912.425+/-0.000 χ^2/NDF : 5330251110006219551936881140879589376.0/1
 In: 876.827+/-0.000 χ^2/NDF : 35065222959884468
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -642.993+/-0.000 χ^2/NDF : 557845440857705
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 69.575+/-0.000 χ^2/NDF : 1804118424630

dit_4aX_coil6_mean vs Slug, Sign Corrected



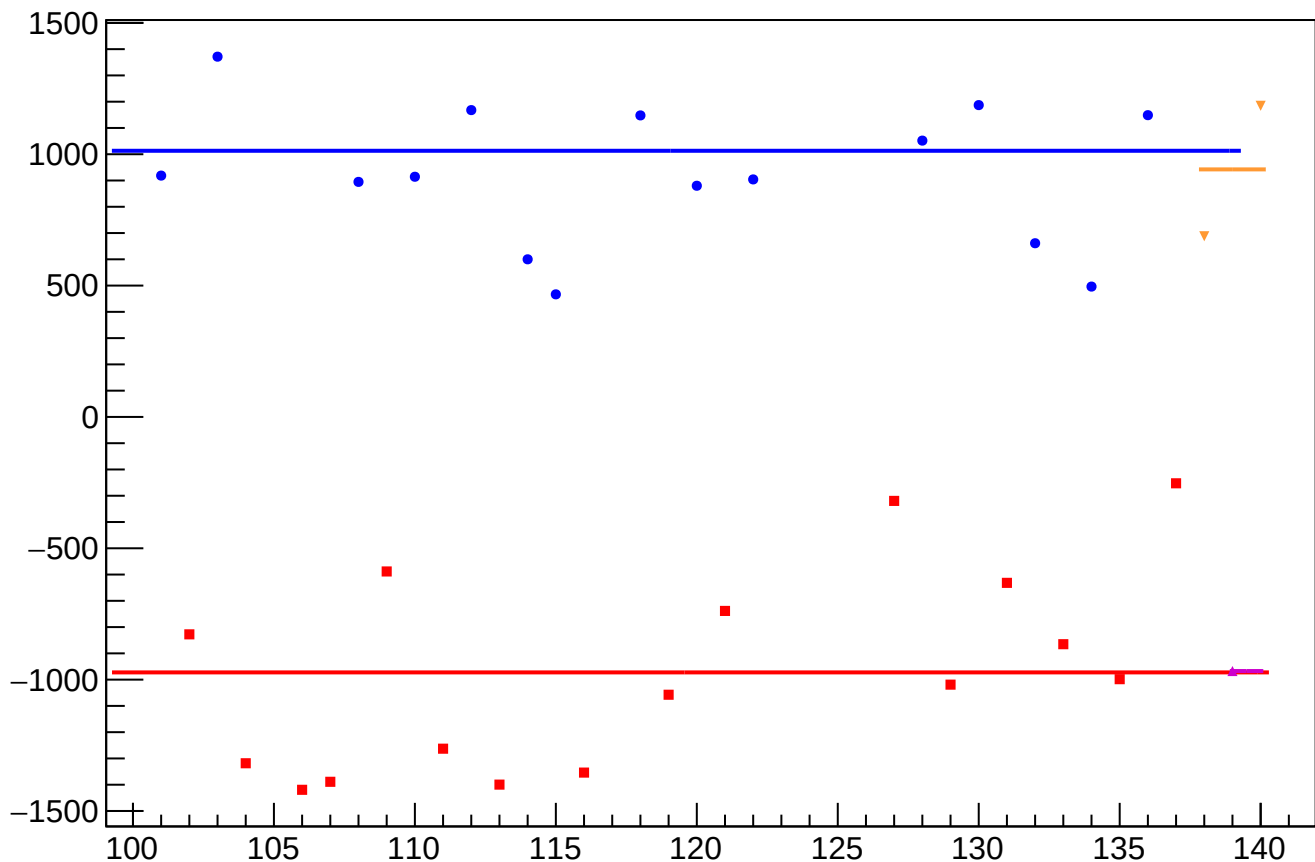
Left: 0.577 +/- 0.000 χ^2/NDF : 947991705270626332
 Right: -0.039 +/- 0.000 χ^2/NDF : 1371901956190569
 In: 1.657 +/- 0.000 χ^2/NDF : 6530973443297158820
 Out: -1.356 +/- 0.000 χ^2/NDF : 46920790015006085
 All: 0.057 +/- 0.000 χ^2/NDF : 14744308989771

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14
 Left Out: 1.667+/-0.000 χ^2/NDF : 18822980500306680389981532323840.0/1
 Right Out: -3.852+/-0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15
 Left In: -2.418+/-0.000 χ^2/NDF : 0.0/0
 All: 0.269+/-0.000 χ^2/NDF : 61422204241017

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

Left: 300.485+/-0.000 χ^2/NDF : 2059482247877670

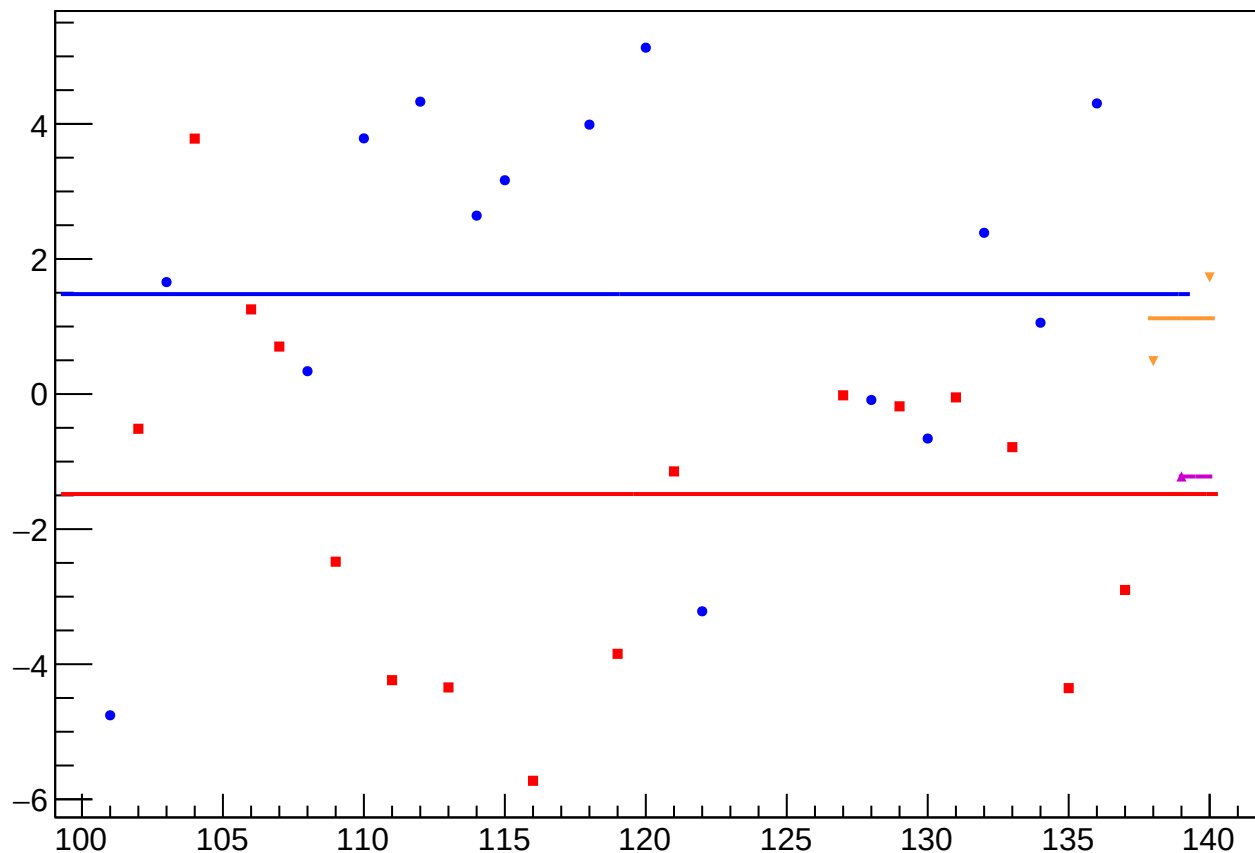
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -602.018+/-0.000 χ^2/NDF : 561857654150828

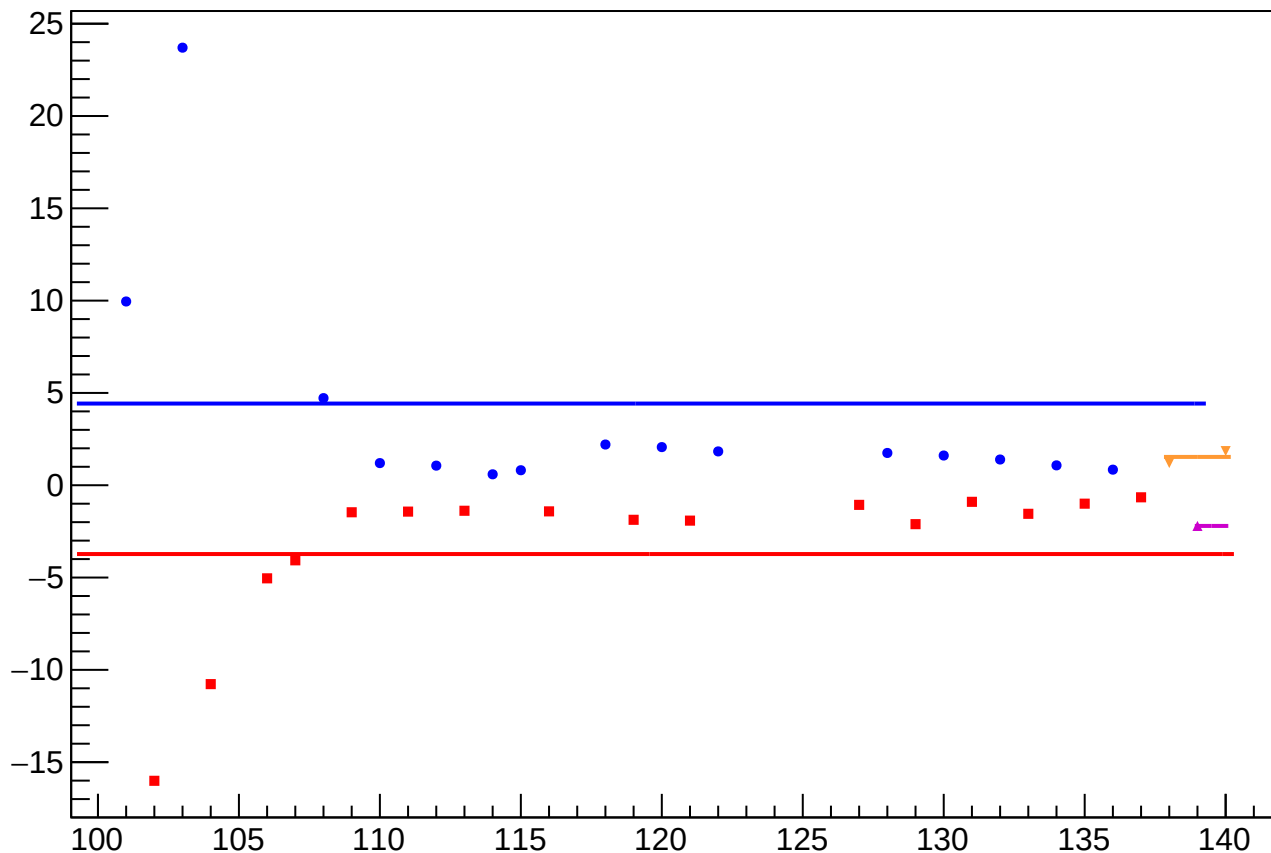
All: 52.225+/-0.000 χ^2/NDF : 1631017375555

dit_4eX_coil6_mean vs Slug, Sign Corrected



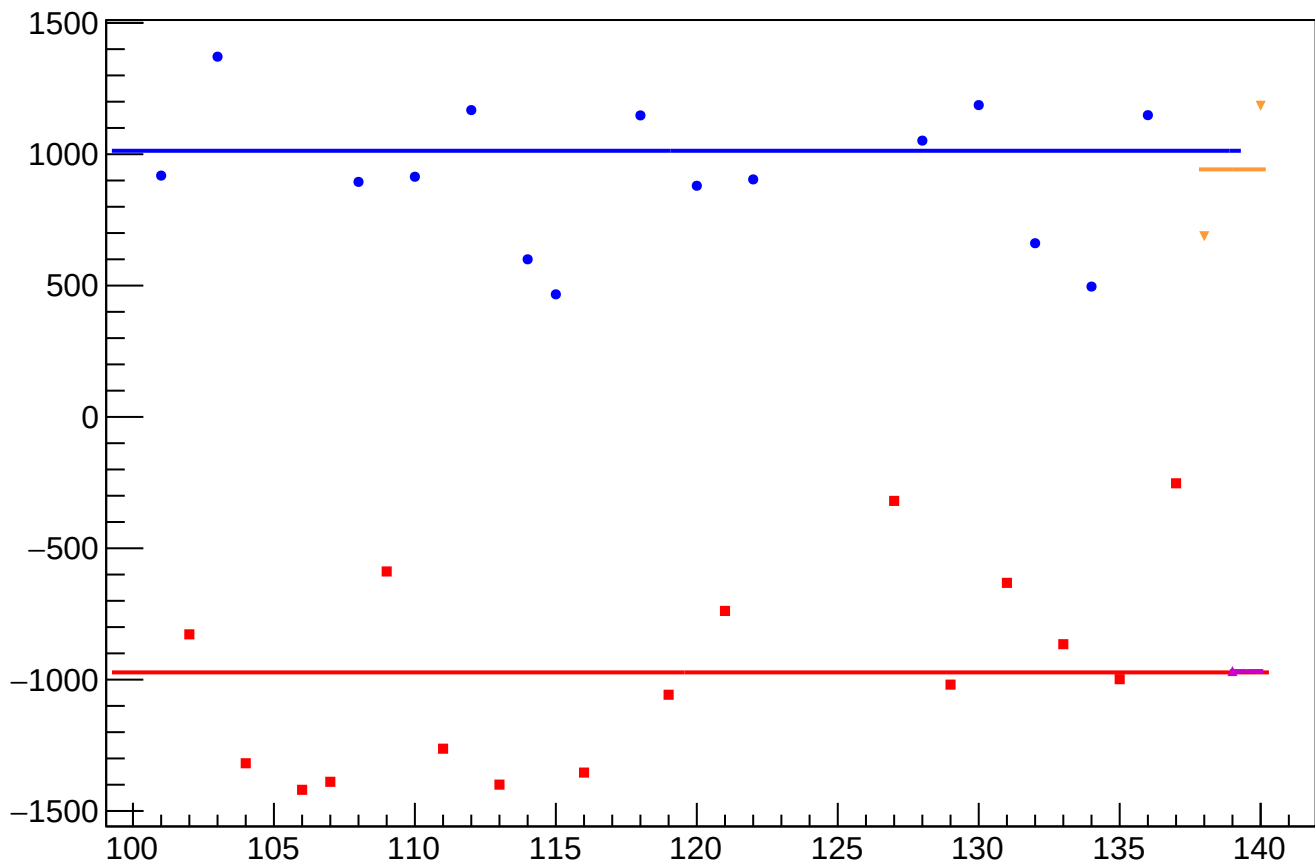
Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Left Out: 1.122+/-0.000 χ^2/NDF : 61500644986782394044677235933184.0/1
 Right Out: -1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Left In: -1.221+/-0.000 χ^2/NDF : 0.0/0
 All: 0.035+/-0.000 χ^2/NDF : 13157096208882

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Left Out: 1.534+/-0.000 χ^2/NDF : 16659213367351305087947391369216.0/1
 Right Out: -3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Left In: -2.204+/-0.000 χ^2/NDF : 0.0/0
 All: 0.291+/-0.000 χ^2/NDF : 64874595588431

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

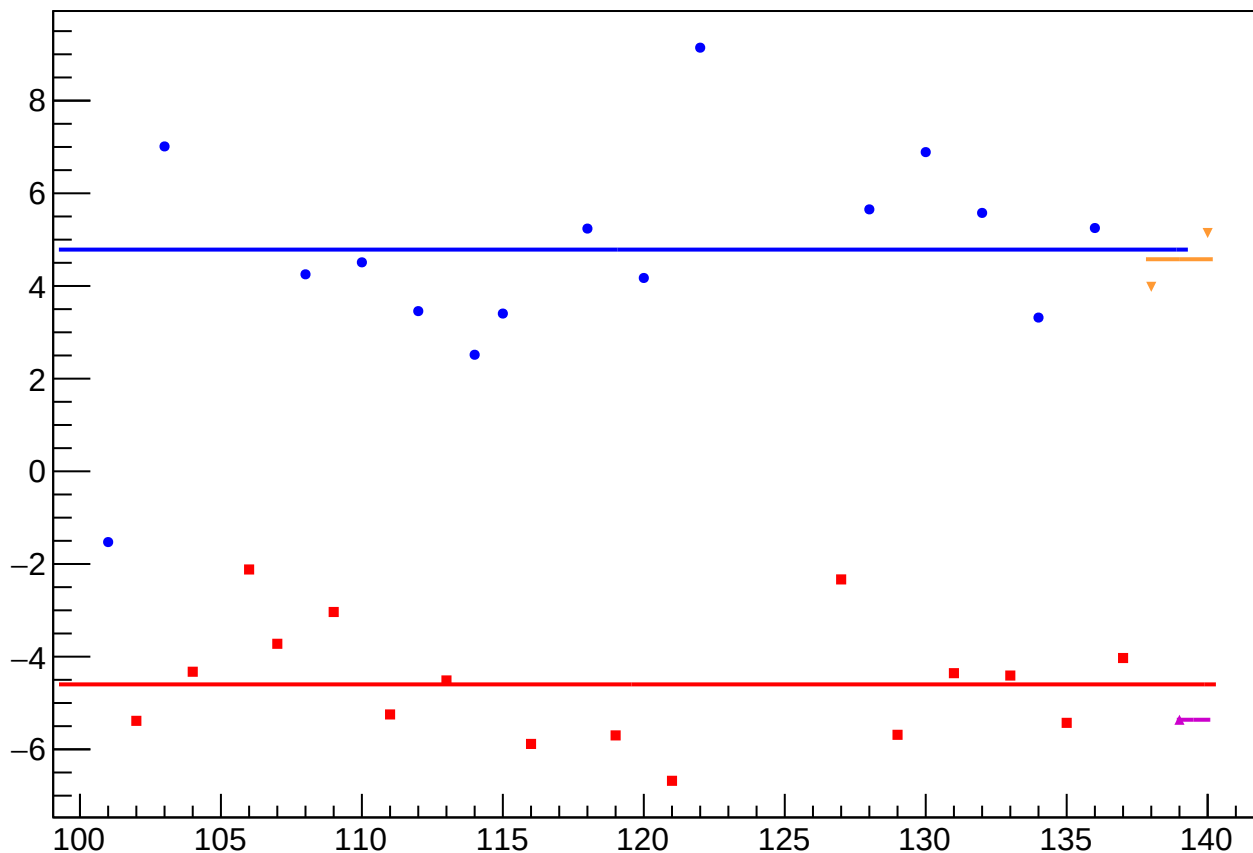
Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

All: 52.225+/-0.000

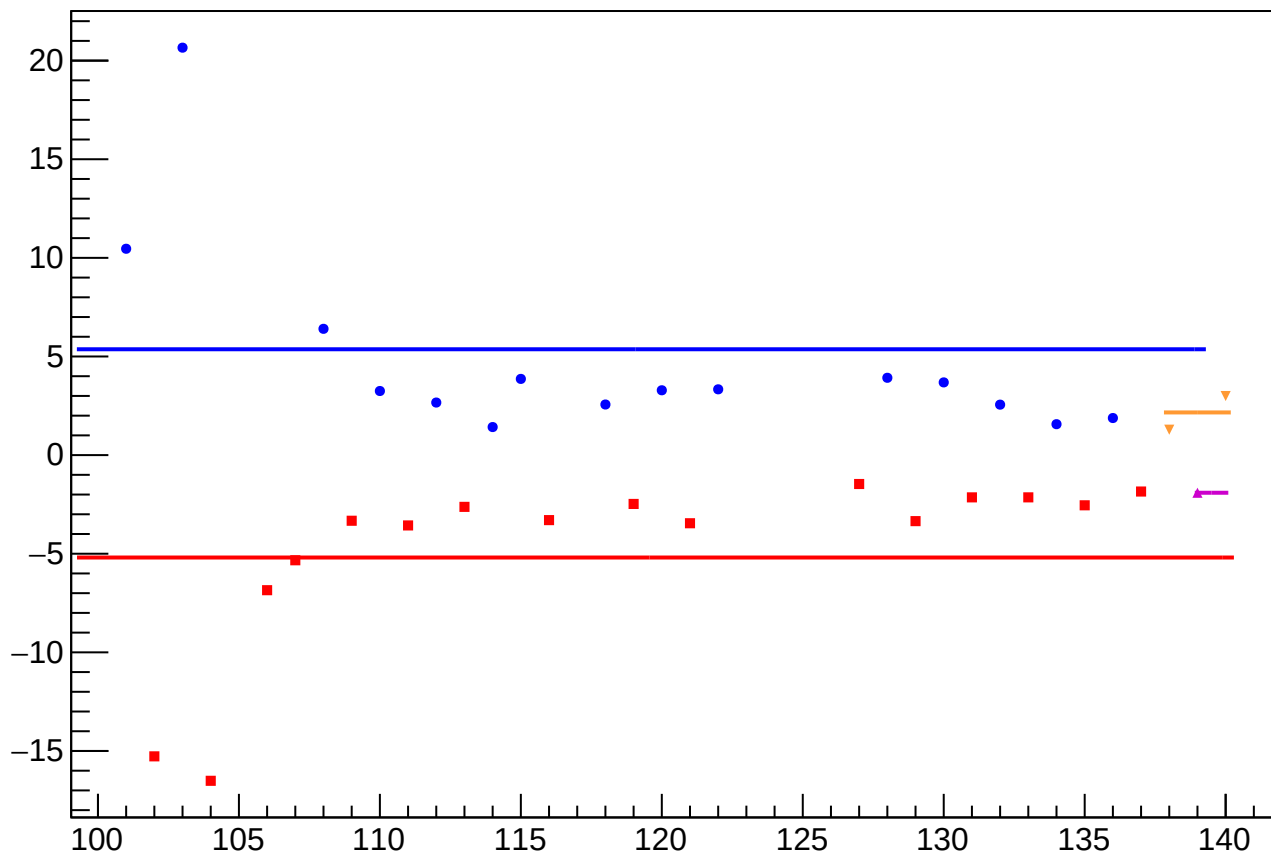
χ^2/NDF : 1631017375555

dit_11X12X_coil6_mean vs Slug, Sign Corrected



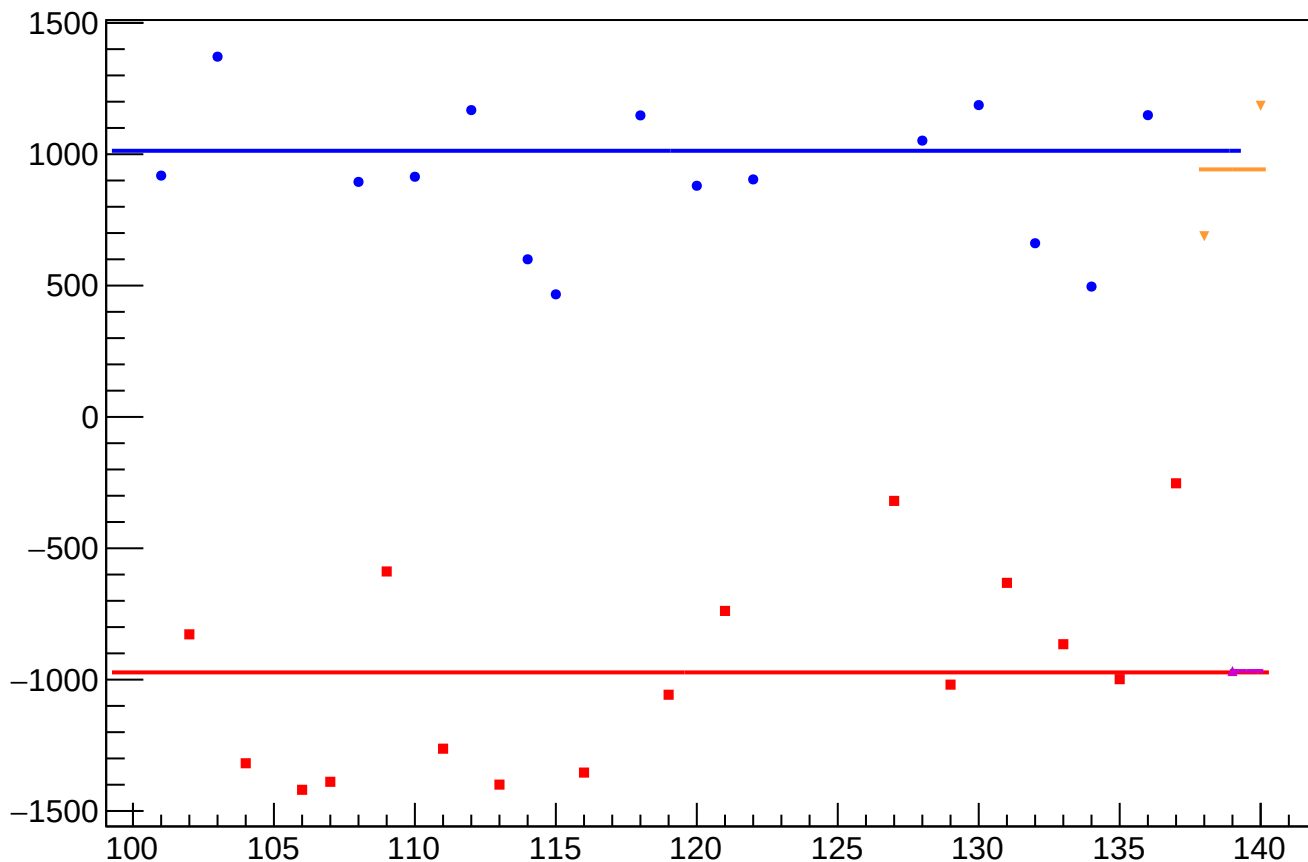
Right In: 4.785 ± 0.000 $\chi^2/\text{NDF}: 3996556073154779711808159470321664.0/14$
 Left Out: 4.577 ± 0.000 $\chi^2/\text{NDF}: 53887307742774209588706651668480.0/1$
 Right Out: -4.598 ± 0.000 $\chi^2/\text{NDF}: 989607156792948633247632779640832.0/15$
 Left In: -5.362 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.216 ± 0.000 $\chi^2/\text{NDF}: 39611127814318$

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14
 Left Out: 2.163+/-0.000 χ^2/NDF : 116491011287915429137052885581824.0/1
 Right Out: -5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15
 Left In: -1.909+/-0.000 χ^2/NDF : 0.0/0
 All: 0.135+/-0.000 χ^2/NDF : 72331322470073

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 3141540918544963

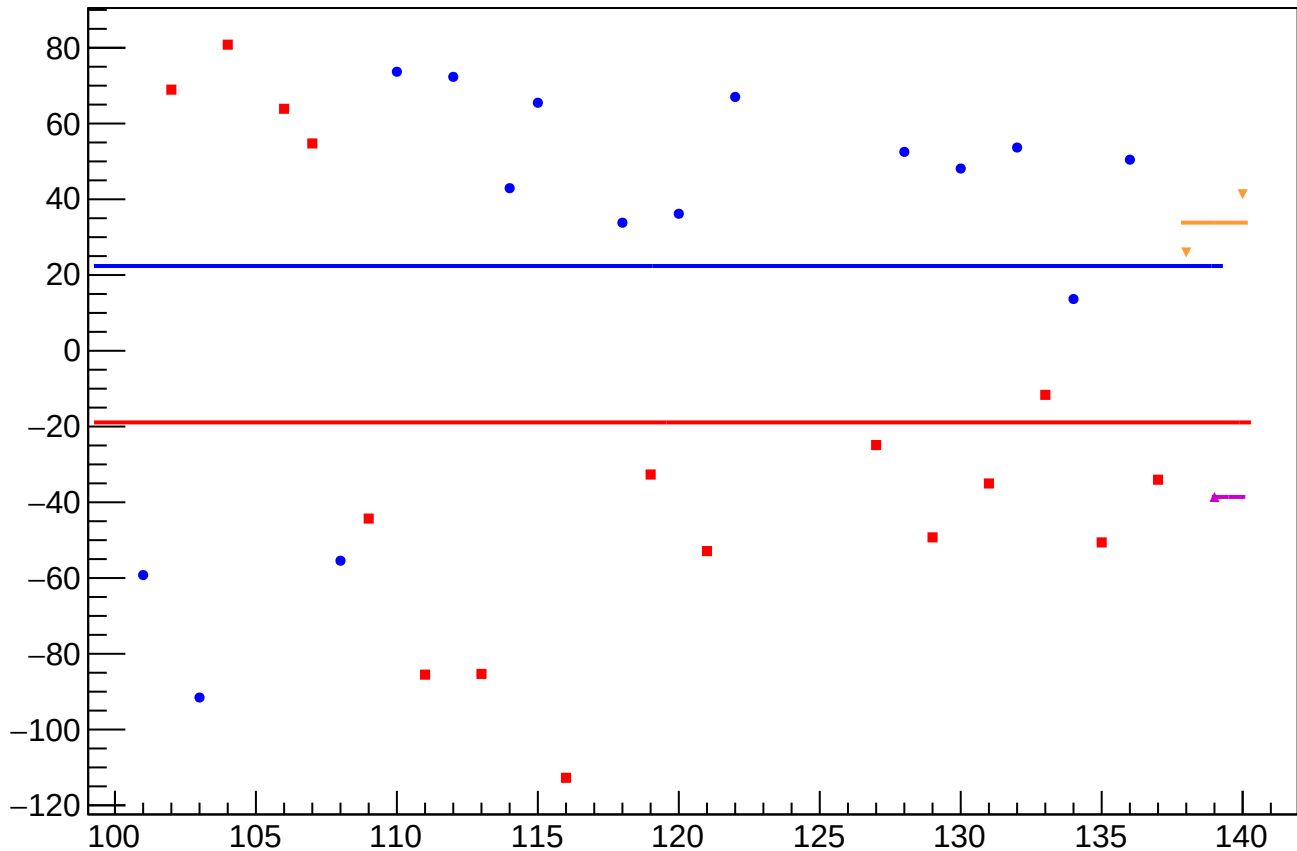
Out: -602.018+/-0.000

χ^2/NDF : 561857654150828

All: 52.225+/-0.000

χ^2/NDF : 1631017375555

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 22.385+/-0.000

χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 33.833+/-0.000

χ^2/NDF : 9442235842470287111301395724107776.0/1

Right Out: -18.907+/-0.000

χ^2/NDF : 2182221808408156293593993992757837824.0/15

Left In: -38.589+/-0.000

χ^2/NDF : 0.0/0

Left: 9.492+/-0.000 χ^2/NDF : 291497150292072169

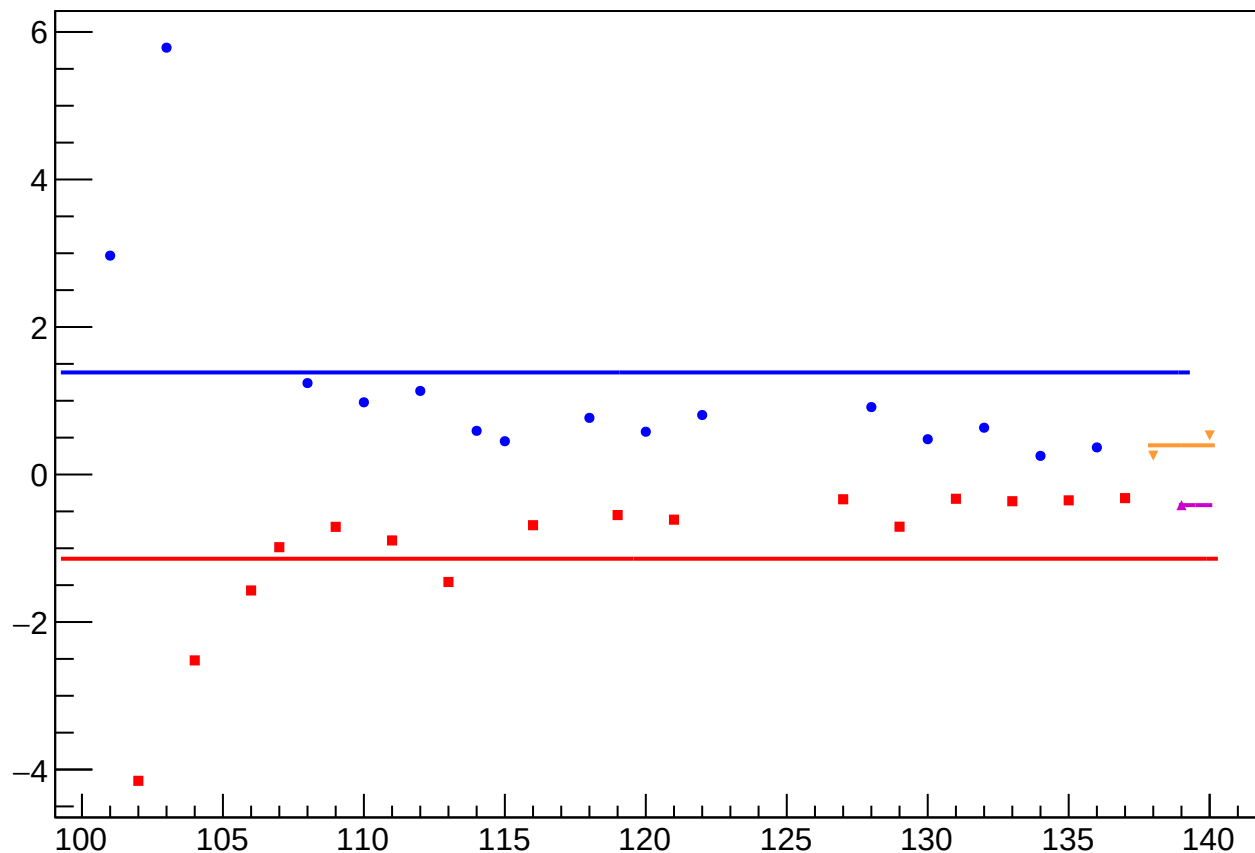
Right: 1.456+/-0.000 χ^2/NDF : 46653243676344267

In: 15.619+/-0.000 χ^2/NDF : 218999000013184587

Out: -8.703+/-0.000 χ^2/NDF : 25506048441509274

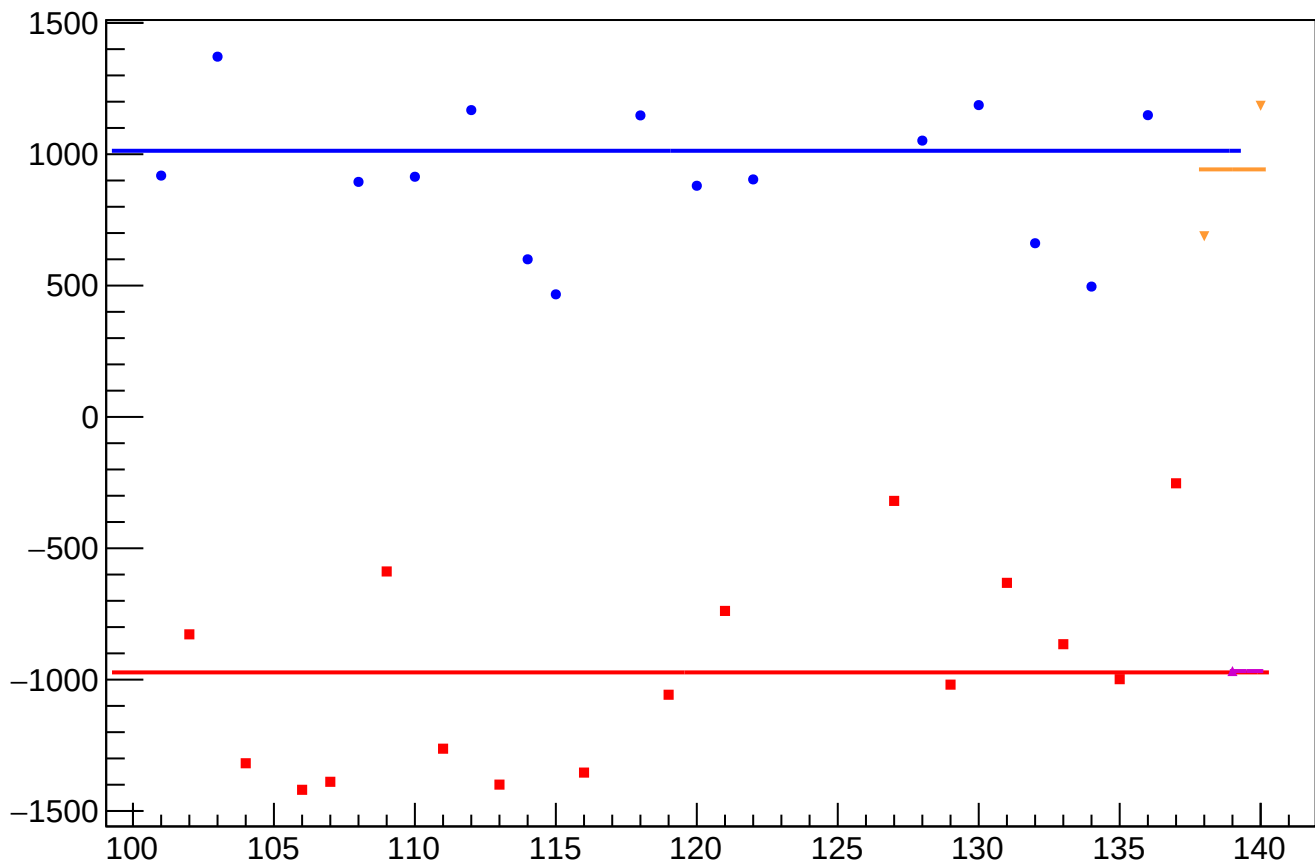
All: 2.700+/-0.000 χ^2/NDF : 49699742018815

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808, 0/14
 Left Out: 0.396+/-0.000 χ^2/NDF : 3011528150264845214732324438016, 0/1
 Right Out: -1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136, 0/15
 Left In: -0.415+/-0.000 χ^2/NDF : 0.0/0
 All: 0.107+/-0.000 χ^2/NDF : 45187647301415

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 ± 0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281 ± 0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465 ± 0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259 ± 0.000

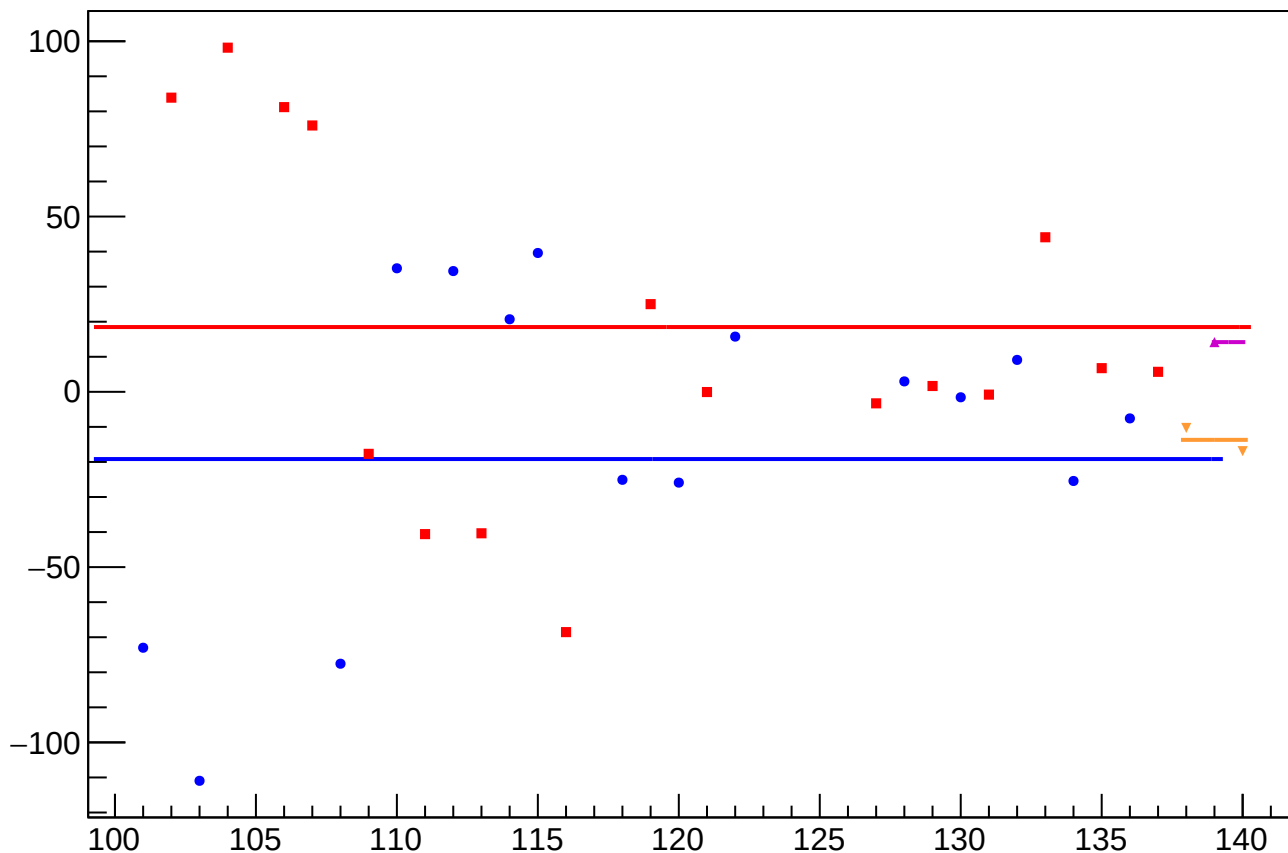
χ^2/NDF : 0.0/0

In: 793.403 ± 0.000 χ^2/NDF : 31415409185449637

Out: -602.018 ± 0.000 χ^2/NDF : 561857654150828

All: 52.225 ± 0.000 χ^2/NDF : 1631017375555

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175+/-0.000

Left Out: -13.697+/-0.000

Right Out: 18.479+/-0.000

Left In: 14.182+/-0.000

χ^2/NDF : 1246364705689764961102868160463241216.0/14

χ^2/NDF : 1758483451899264168762591168954368.0/1

χ^2/NDF : 1489398115046175180640331393369374720.0/15

χ^2/NDF : 0.0/0

Left: -4.327+/-0.000 χ^2/NDF : 43556193171996075

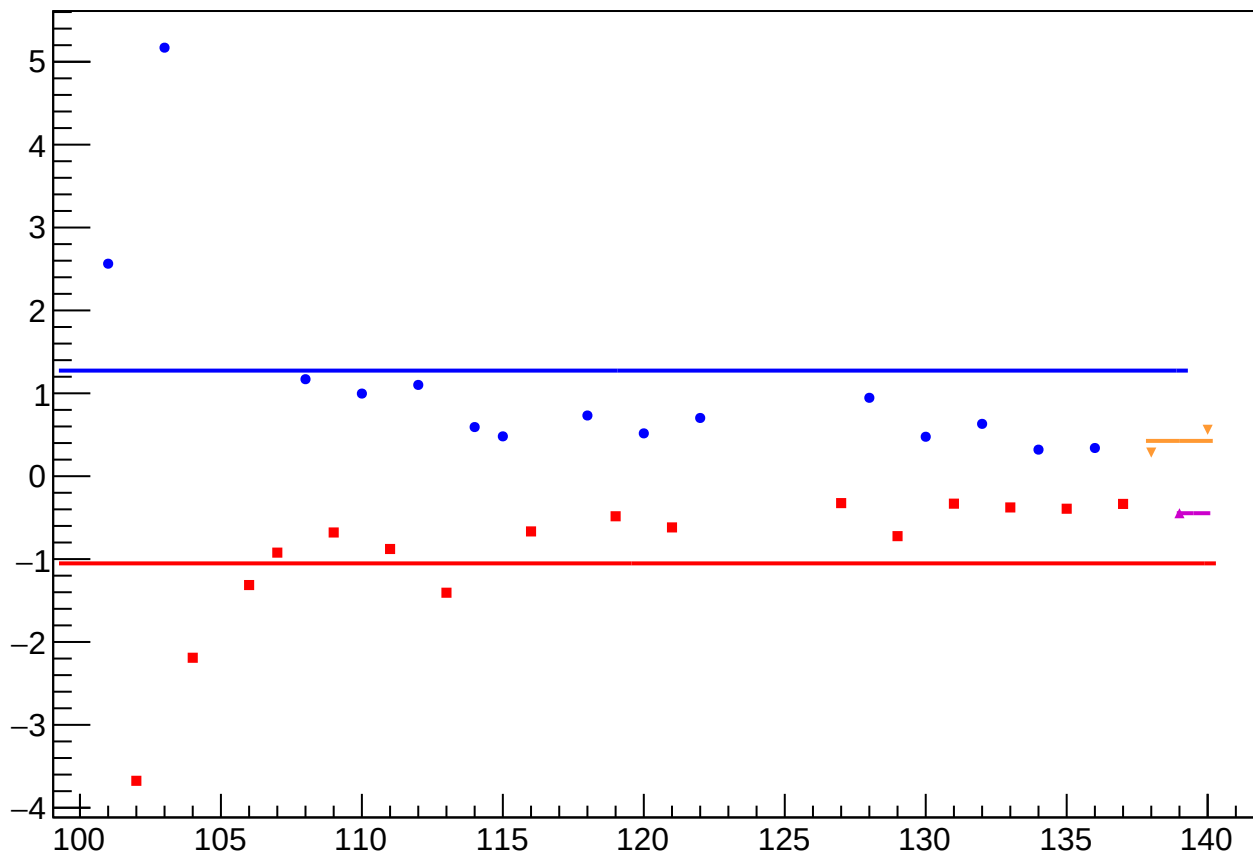
Right: -0.091+/-0.000 χ^2/NDF : 3202145485356183

In: -15.474+/-0.000 χ^2/NDF : 13264926766036096

Out: 12.254+/-0.000 χ^2/NDF : 16247596020281553

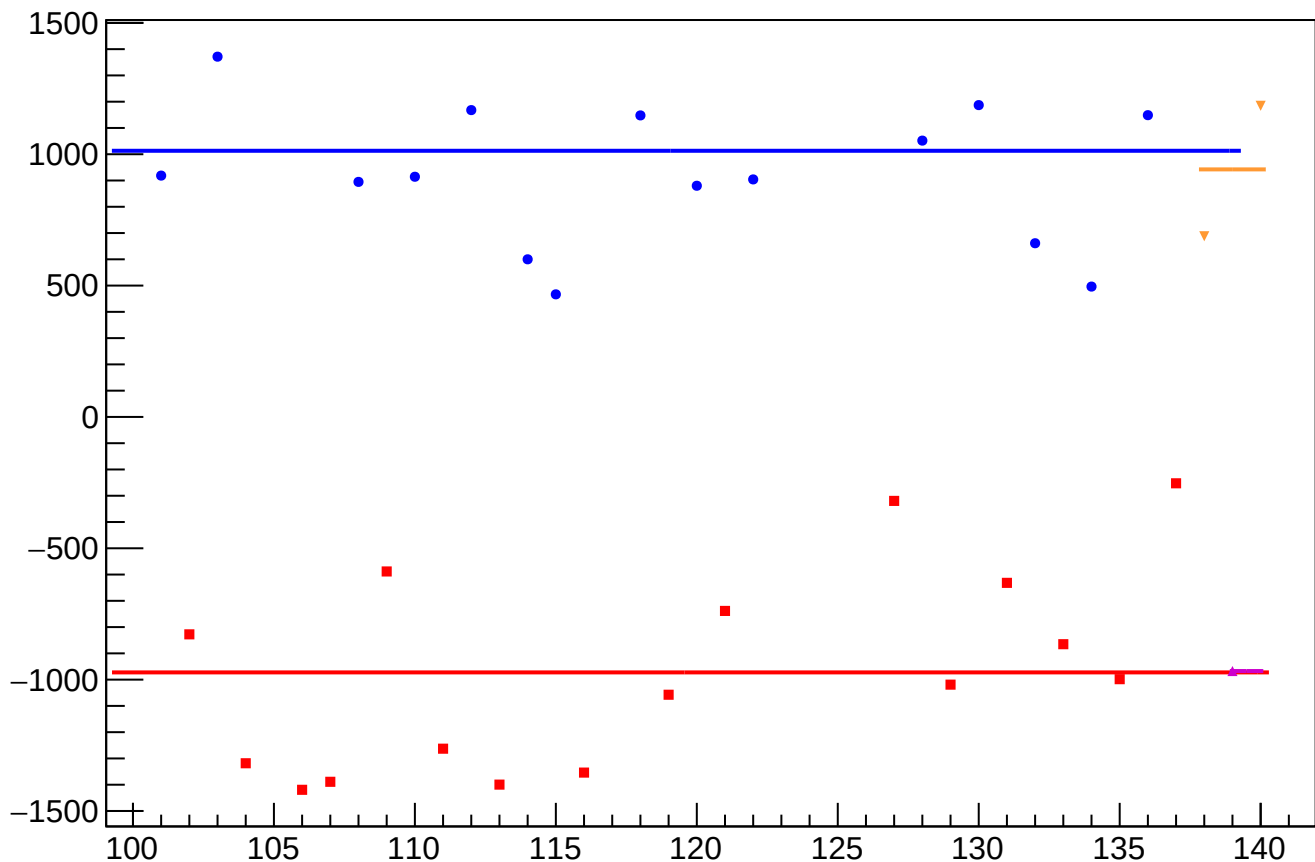
All: -0.746+/-0.000 χ^2/NDF : 3249357791523

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.426+/-0.000 χ^2/NDF : 3024014963536815930063101886464.0/1
 Right Out: -1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: -0.447+/-0.000 χ^2/NDF : 0.0/0
 All: 0.101+/-0.000 χ^2/NDF : 36429769215716

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

Left: 300.485+/-0.000 χ^2/NDF : 2059482247877670

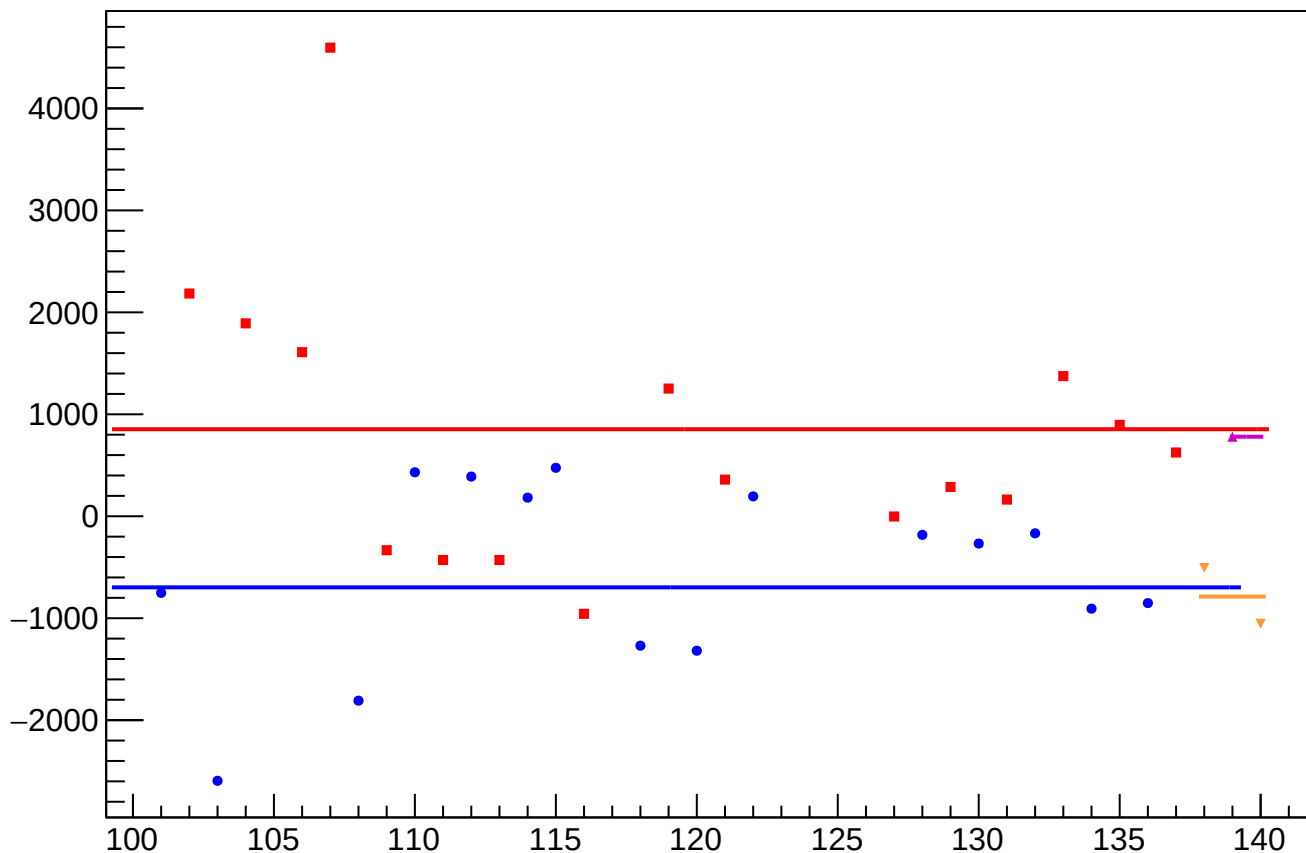
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -602.018+/-0.000 χ^2/NDF : 561857654150828

All: 52.225+/-0.000 χ^2/NDF : 1631017375555

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: -697.283+/-0.000

χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -787.637+/-0.000

χ^2/NDF : 11938708067059368459854118847525158912.0/1

Right Out: 853.734+/-0.000

χ^2/NDF : 1078379020126412317155932275156201766912.0/15

Left In: 780.310+/-0.000

χ^2/NDF : 0.0/0

Left: -260.651+/-0.000 χ^2/NDF : 144144578232787

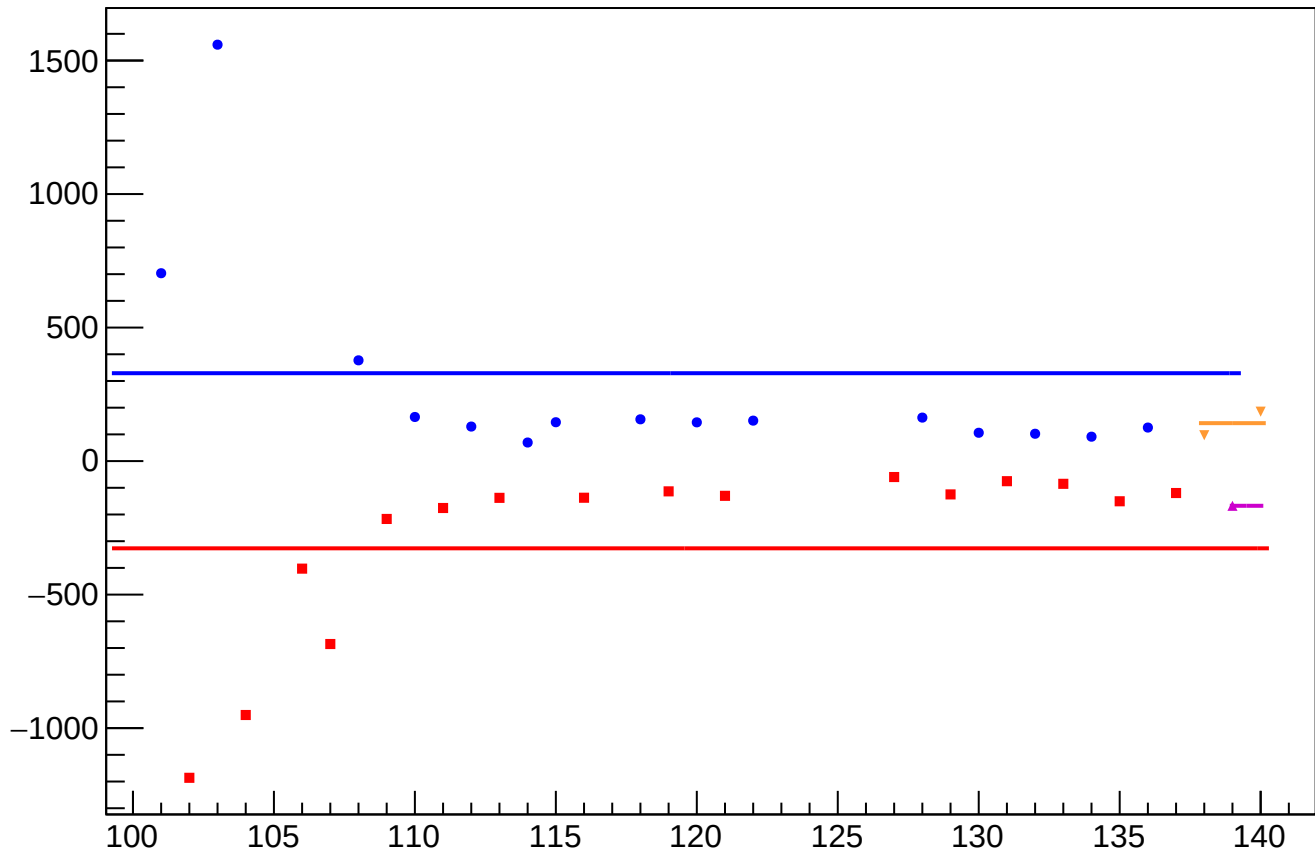
Right: 88.833+/-0.000 χ^2/NDF : 2360125827736184

In: -533.330+/-0.000 χ^2/NDF : 6476587998957693

Out: 536.177+/-0.000 χ^2/NDF : 1437976896625992

All: 34.738+/-0.000 χ^2/NDF : 2529149698105

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 329.108+/-0.000

χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 142.063+/-0.000

χ^2/NDF : 310969987257002001600384575953960960.0/1

Right Out: -326.695+/-0.000

χ^2/NDF : 87569123354318020688611028415151079424.0/15

Left In: -167.388+/-0.000

χ^2/NDF : 0.0/0

Left: 38.057+/-0.000

χ^2/NDF : 54605403566817557

Right: -3.278+/-0.000

χ^2/NDF : 3459018192319126

In: 274.017+/-0.000

χ^2/NDF : 13461545013809376

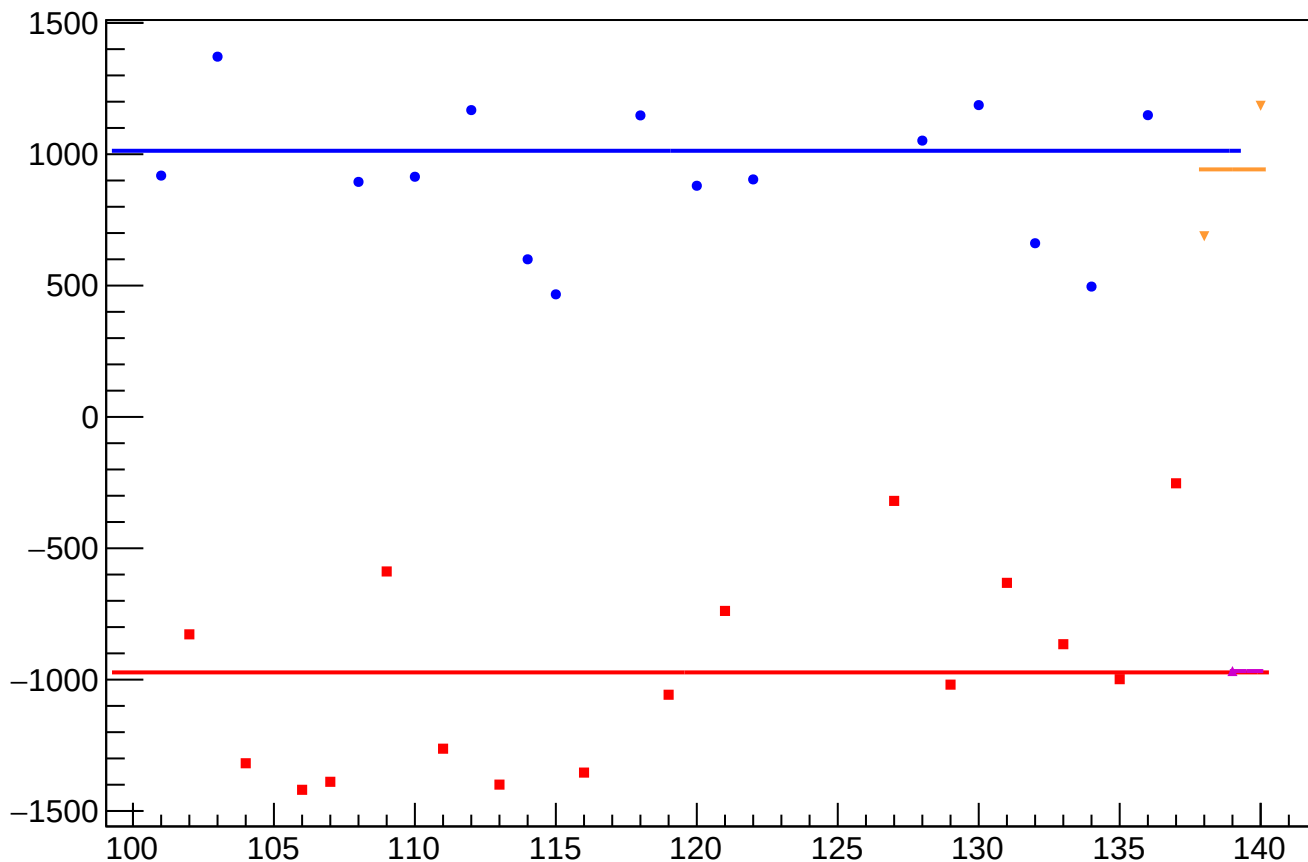
Out: -236.004+/-0.000

χ^2/NDF : 116235546750954

All: 3.120+/-0.000

χ^2/NDF : 35171038938483

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

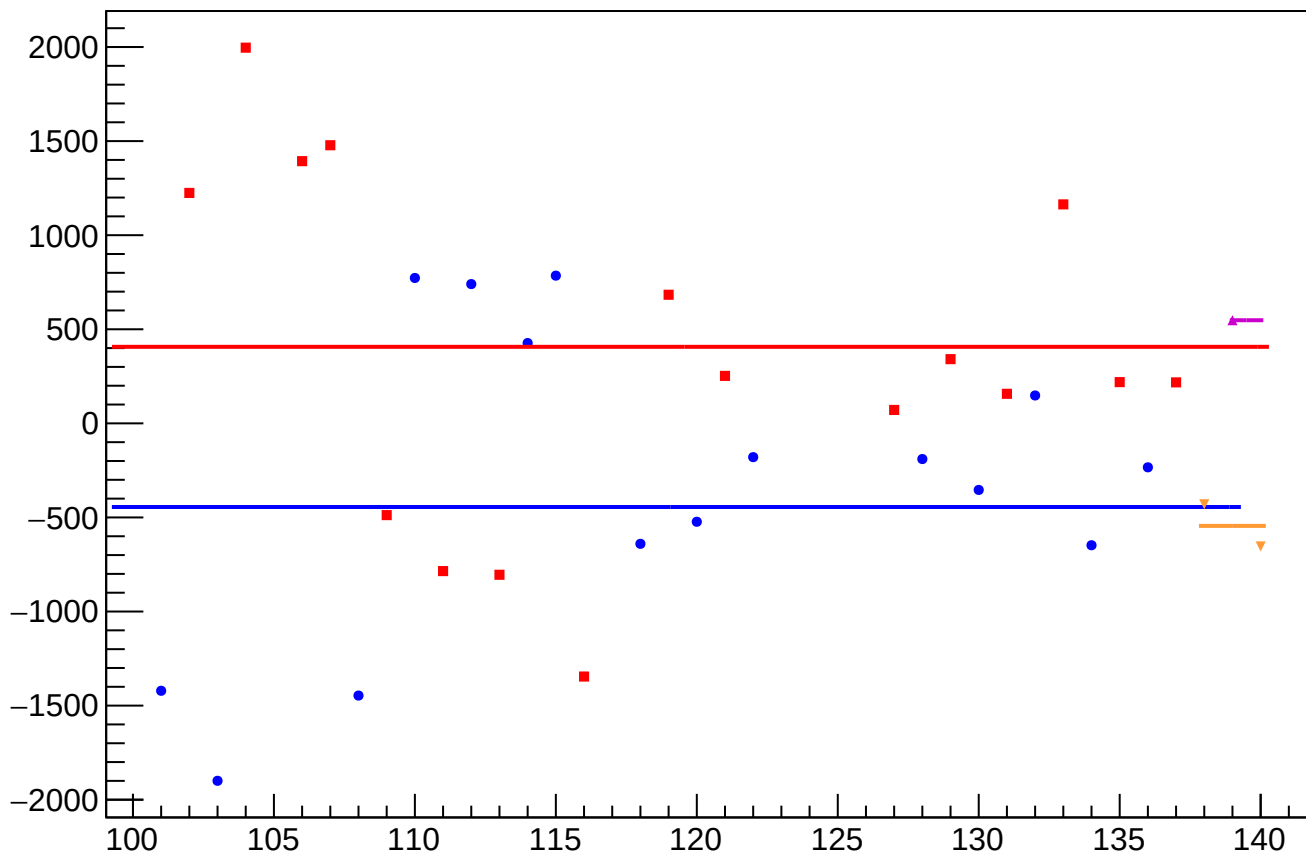
Out: -602.018+/-0.000

χ^2/NDF : 561857654150828

All: 52.225+/-0.000

χ^2/NDF : 1631017375555

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -444.512+/-0.000

Left Out: -544.885+/-0.000

Right Out: 406.729+/-0.000

Left In: 548.063+/-0.000

χ^2/NDF : 396481903501593703066535851229953654784.0/14

χ^2/NDF : 2008114848709131987383171525082349568.0/1

χ^2/NDF : 529122421866774810012941782239129108480.0/15

χ^2/NDF : 0.0/0

Left: -177.545+/-0.000 χ^2/NDF : 662453640885685

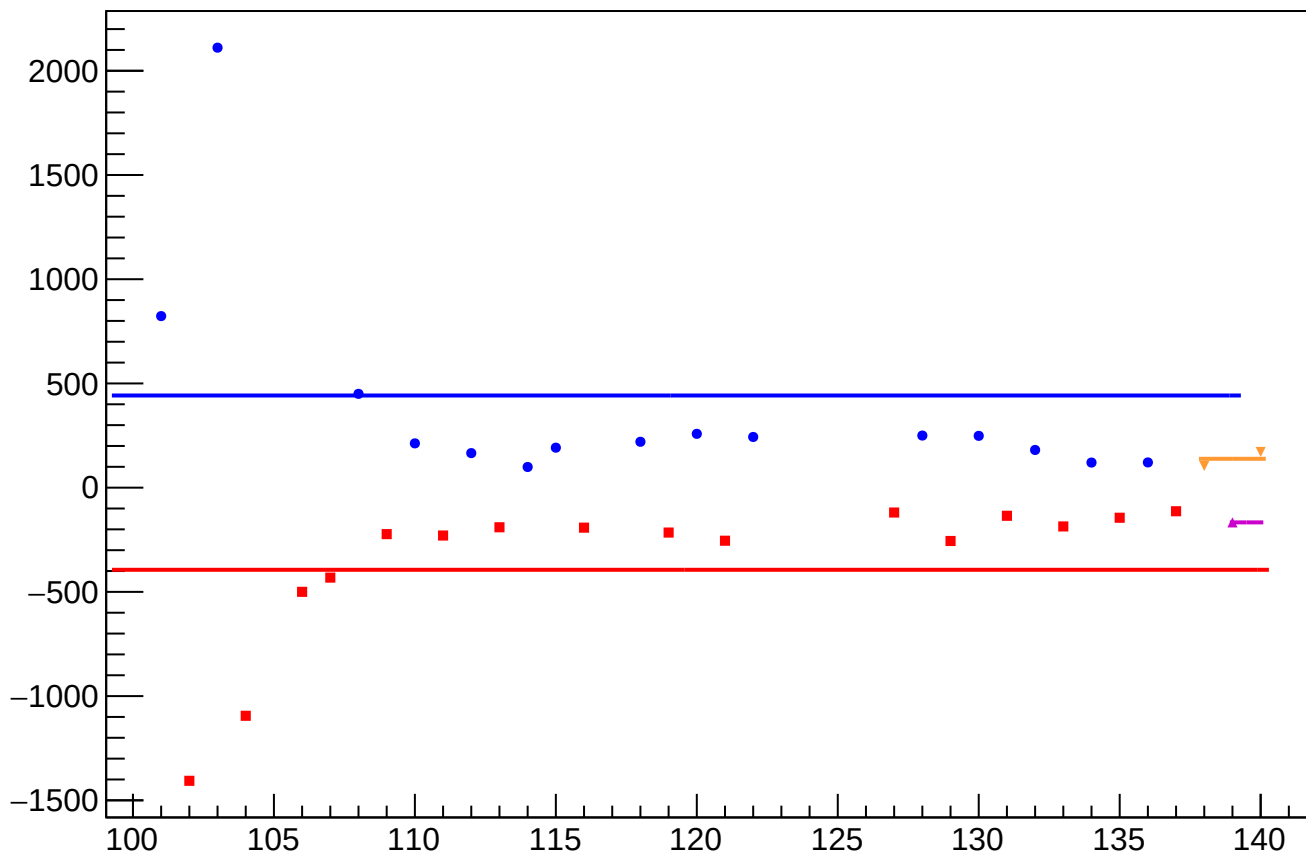
Right: -13.070+/-0.000 χ^2/NDF : 116395703795034

In: -334.377+/-0.000 χ^2/NDF : 4674288508400263

Out: 222.620+/-0.000 χ^2/NDF : 6479895120946710

All: -38.528+/-0.000 χ^2/NDF : 123571285753

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 442.162+/-0.000

χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 138.508+/-0.000

χ^2/NDF : 181857190463073530601670794473897984.0/1

Right Out: -394.033+/-0.000

χ^2/NDF : 105882611624182009489804426207740035072.0/15

Left In: -166.620+/-0.000

χ^2/NDF : 0.0/0

Left: 35.955+/-0.000 χ^2/NDF : 51885622976744663

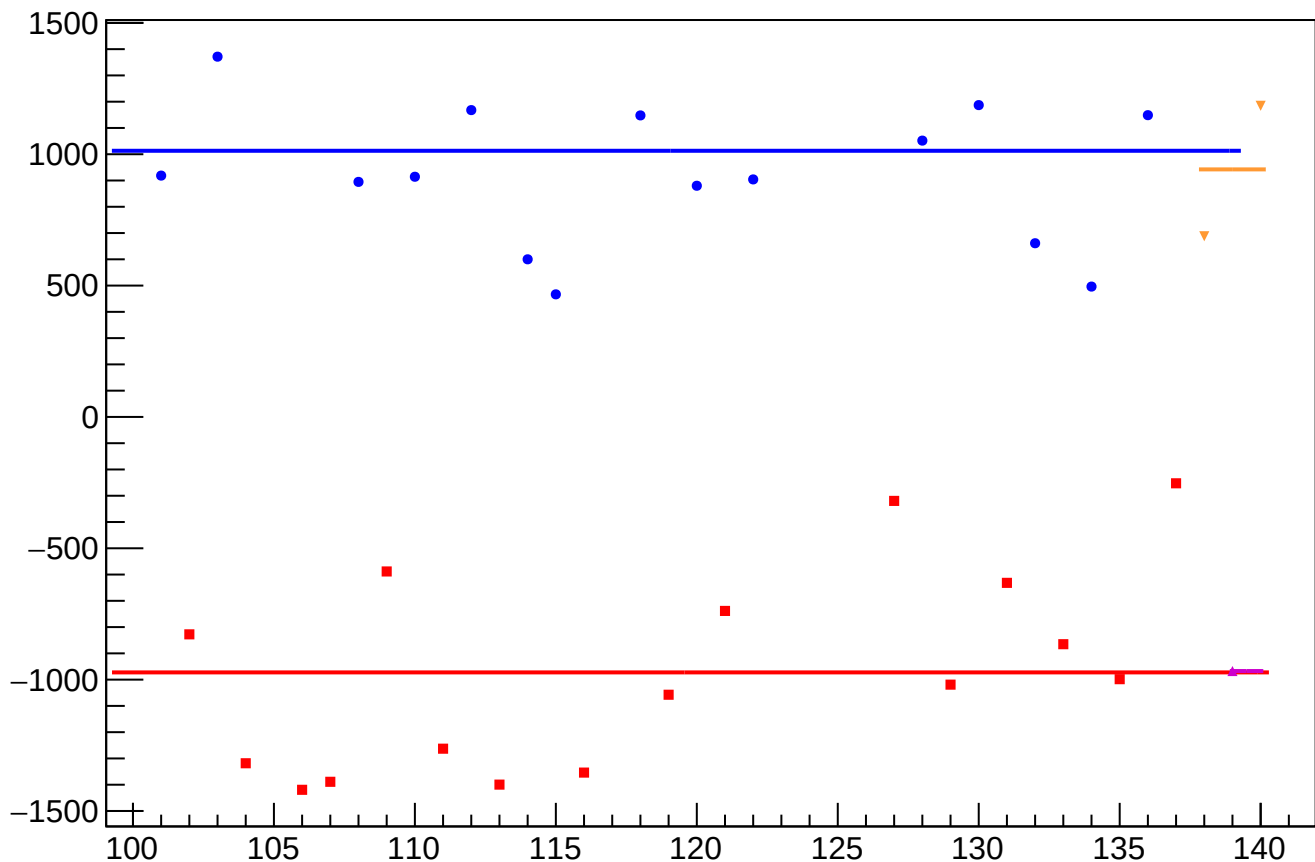
Right: 18.346+/-0.000 χ^2/NDF : 5398999467995186

In: 374.612+/-0.000 χ^2/NDF : 23070488832953793

Out: -291.002+/-0.000 χ^2/NDF : 142661616957720

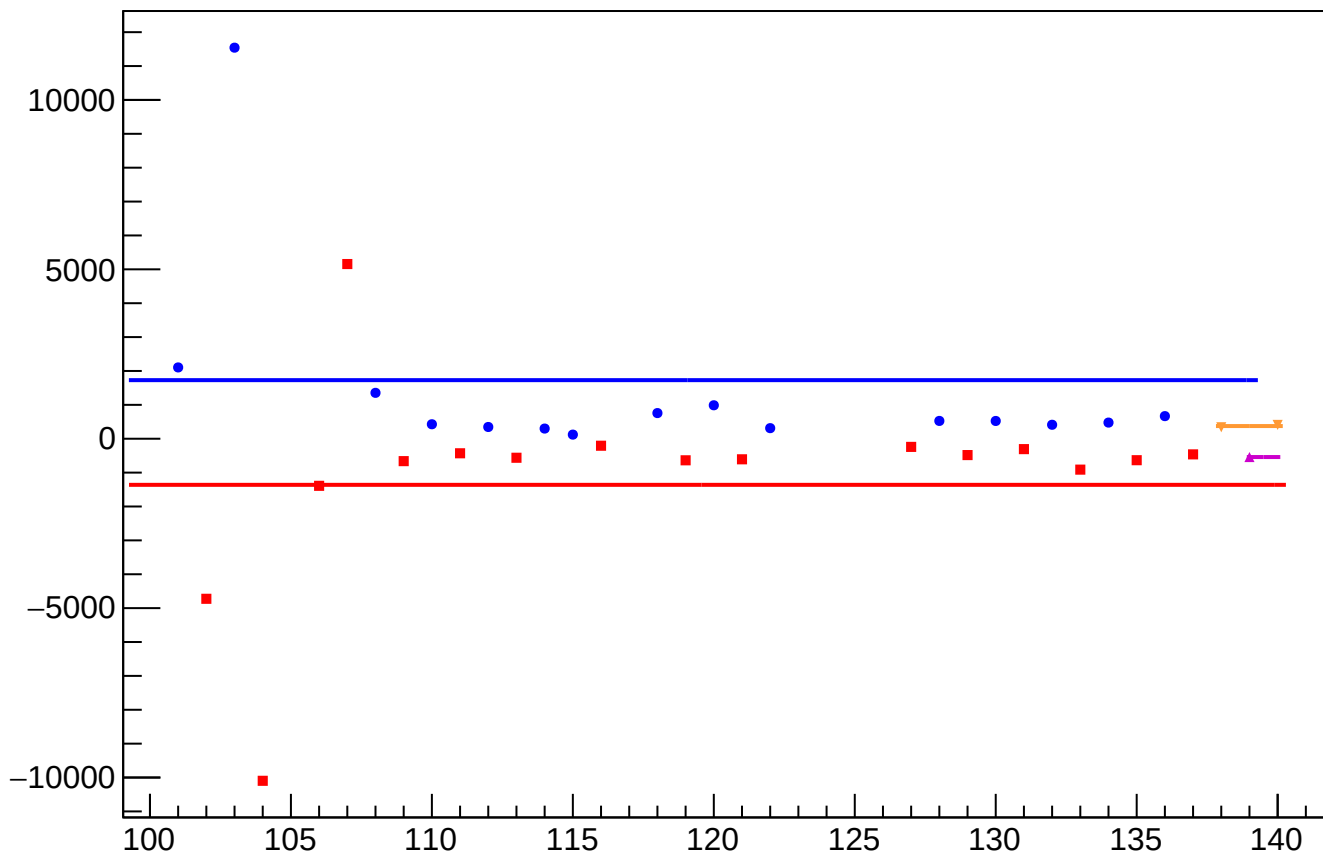
All: 21.071+/-0.000 χ^2/NDF : 5451516708504

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



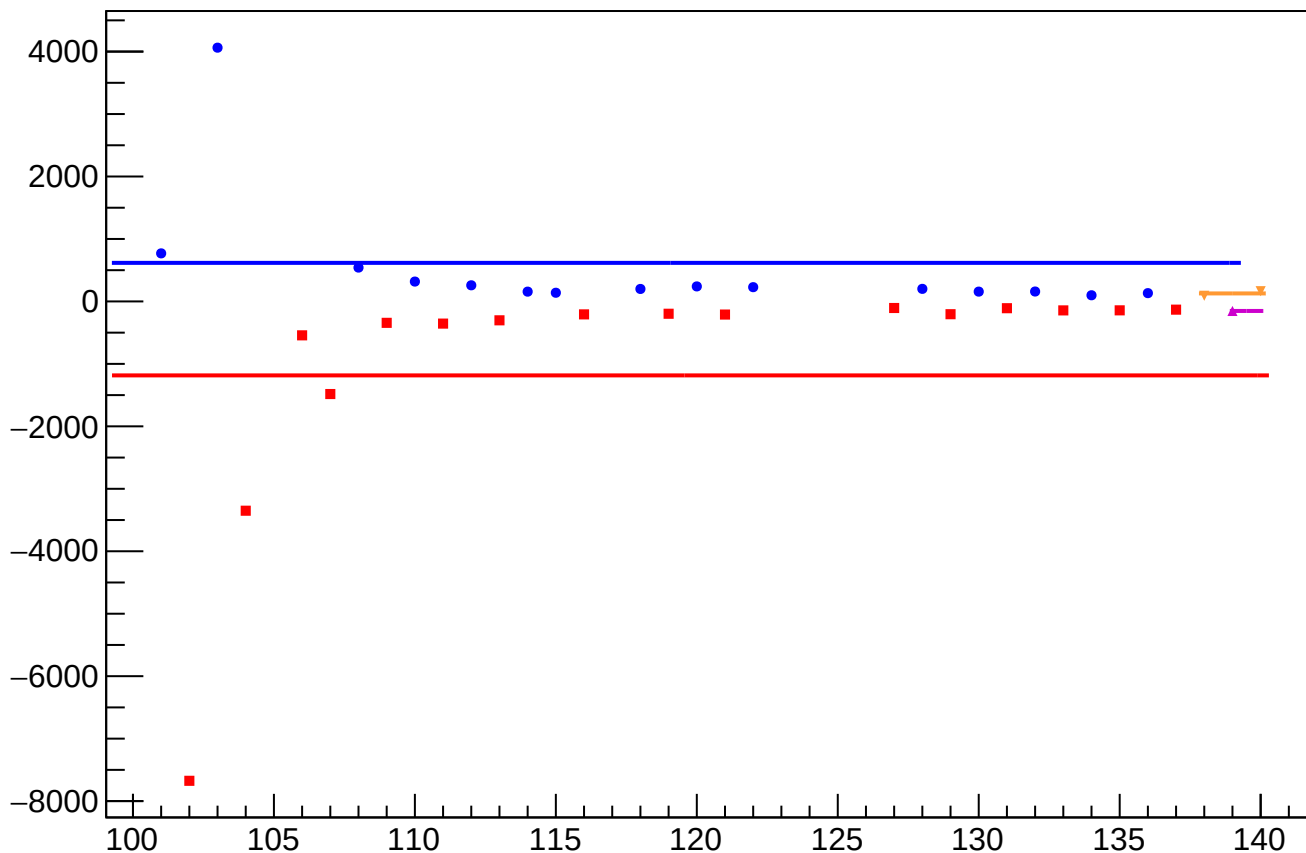
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left: 300.485+/-0.000 χ^2/NDF : 2059482247877670
 Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032
 Left Out: 942.281+/-0.000 χ^2/NDF : 9862620487902604886305778237268033536.0/1
 In: 793.403+/-0.000 χ^2/NDF : 31415409185449637
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Out: -602.018+/-0.000 χ^2/NDF : 561857654150828
 Left In: -967.259+/-0.000 χ^2/NDF : 0.0/0
 All: 52.225+/-0.000 χ^2/NDF : 163101737555

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: 66.668+/-0.000 χ^2/NDF : 45164479312790482
 Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 374.031+/-0.000 χ^2/NDF : 191184266157946998715158199776837632.0/1
 Right: 162.918+/-0.000 χ^2/NDF : 159853161210173
 In: 1477.194+/-0.000 χ^2/NDF : 6784024251706399
 Right Out: -1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Out: -1025.253+/-0.000 χ^2/NDF : 68202259482736
 Left In: -540.468+/-0.000 χ^2/NDF : 1046900.5/0
 All: 148.020+/-0.000 χ^2/NDF : 160323676676

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 127.947+/-0.000 χ^2/NDF : 214184113814686199548595743129337856.0/1

Right Out: -1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

Left In: -152.688+/-0.000 χ^2/NDF : 0.0/0

Left: 33.626+/-0.000 χ^2/NDF : 44493750526765748

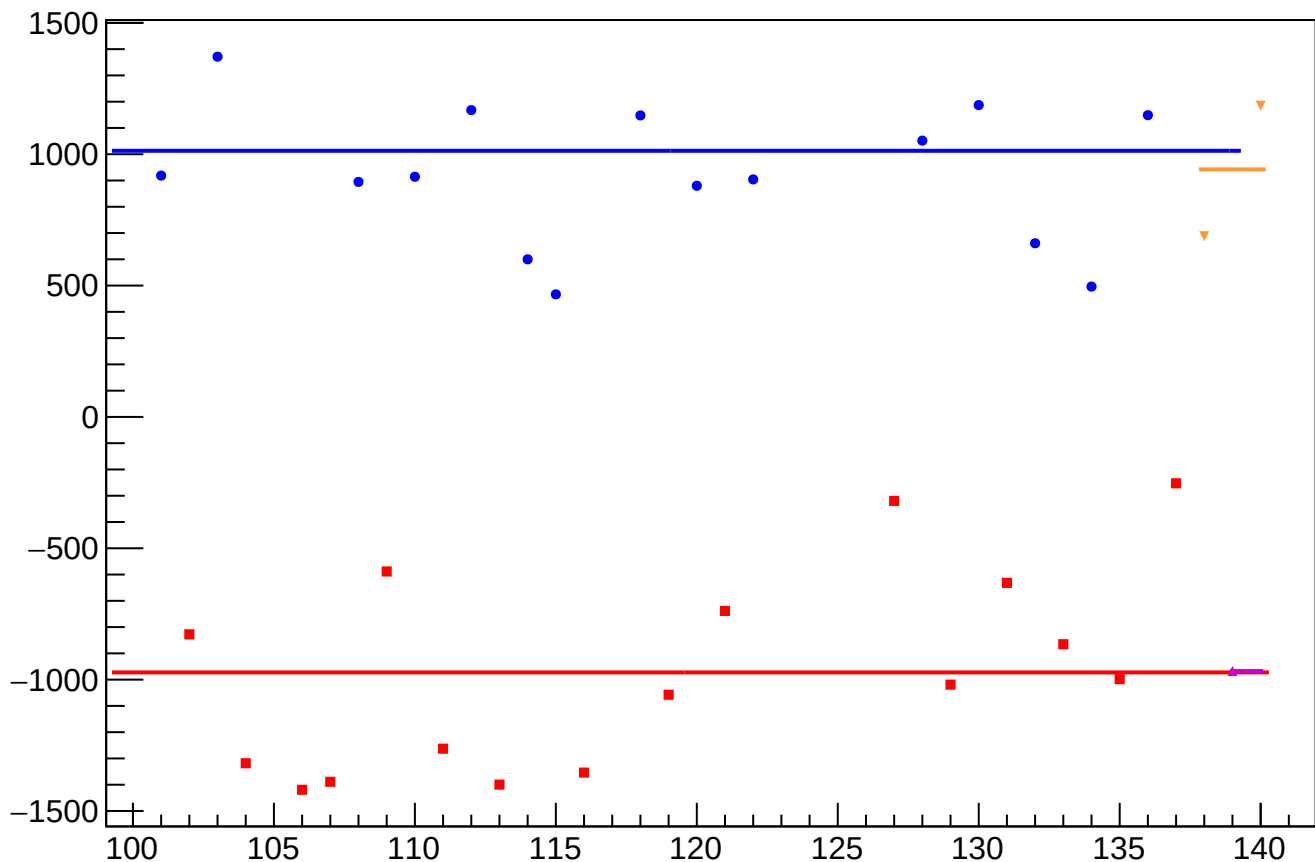
Right: -295.811+/-0.000 χ^2/NDF : 50275218393015

In: 531.901+/-0.000 χ^2/NDF : 8350655969454321

Out: -930.436+/-0.000 χ^2/NDF : 338985864757173

All: -244.819+/-0.000 χ^2/NDF : 50540780988

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

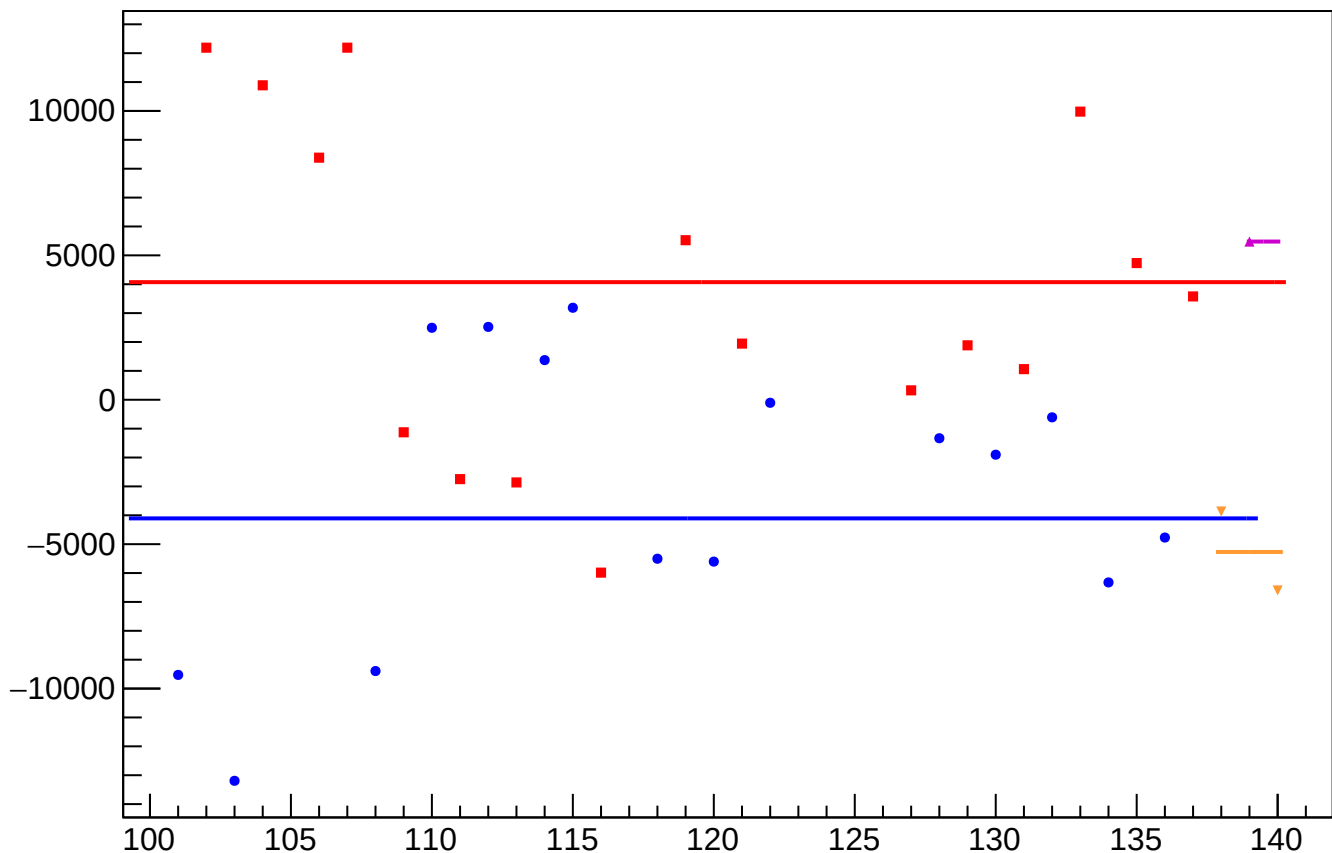
Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

All: 52.225+/-0.000

χ^2/NDF : 1631017375555

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: -4107.443+/-0.000

Left Out: -5270.297+/-0.000

Right Out: 4072.120+/-0.000

Left In: 5477.677+/-0.000

χ^2/NDF : 14527436324982031454277780831211819630592.0/14

χ^2/NDF : 298497144259423659707893969383136952320.0/1

χ^2/NDF : 20367171423690168095778854678764929941504.0/15

χ^2/NDF : 0.0/0

Left: -1657.908+/-0.000 χ^2/NDF : 65106367907303

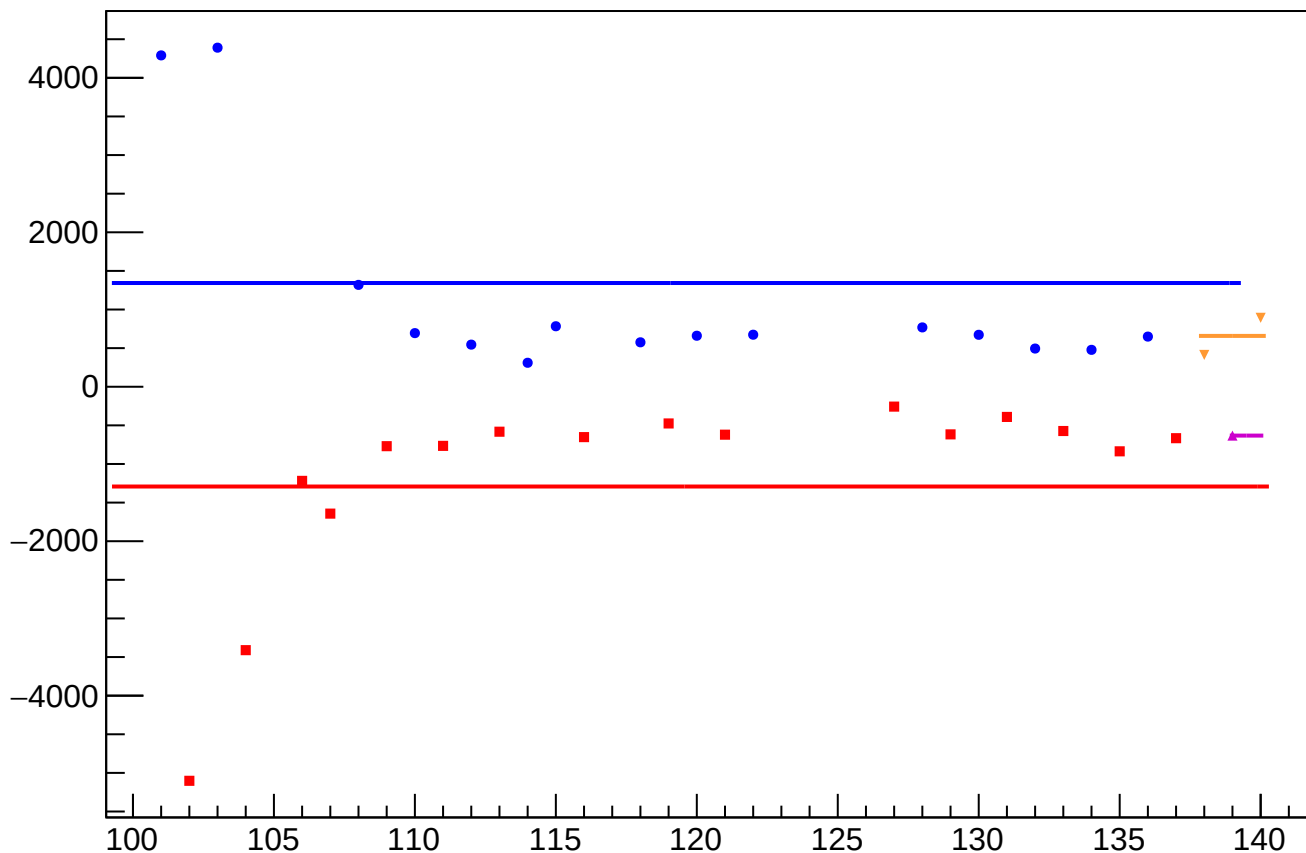
Right: 38.278+/-0.000 χ^2/NDF : 5690231407009786

In: -3043.888+/-0.000 χ^2/NDF : 211435348530689

Out: 2264.639+/-0.000 χ^2/NDF : 319287906250197

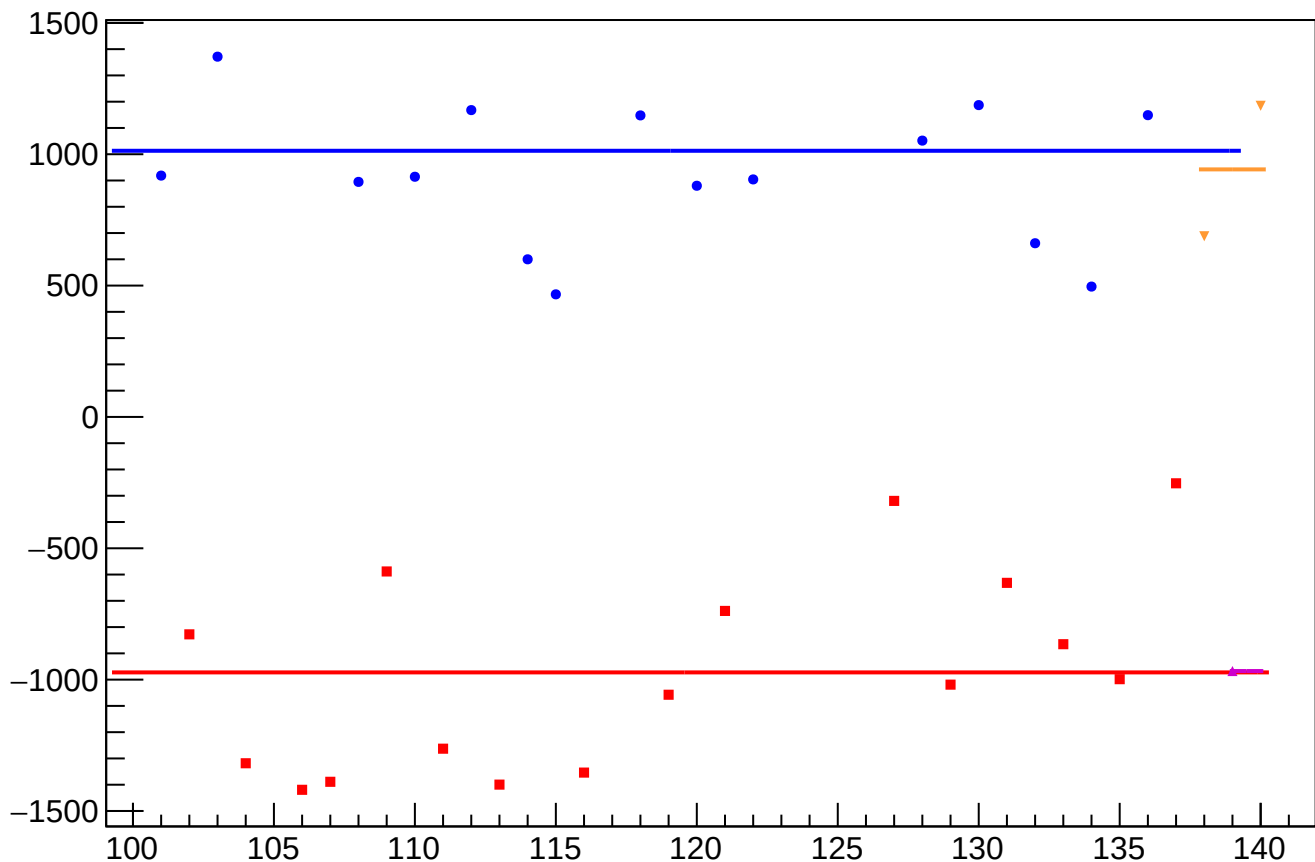
All: -224.266+/-0.000 χ^2/NDF : 63998995689

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



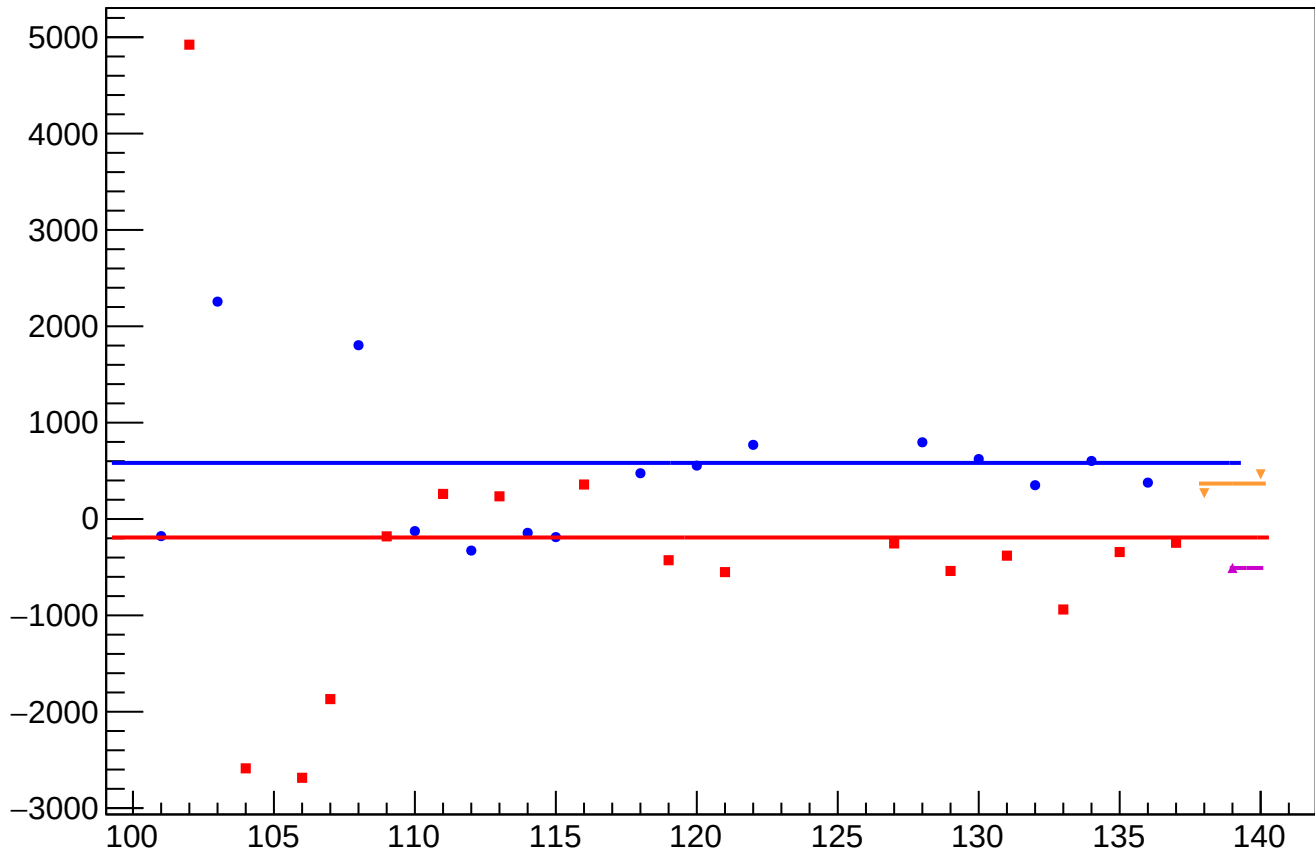
Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 658.426+/-0.000 χ^2/NDF : 9231337406261254637517274953061236736.0/1
 Right Out: -1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: -632.464+/-0.000 χ^2/NDF : 0.0/0
 All: 41.301+/-0.000 χ^2/NDF : 5033563545029

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



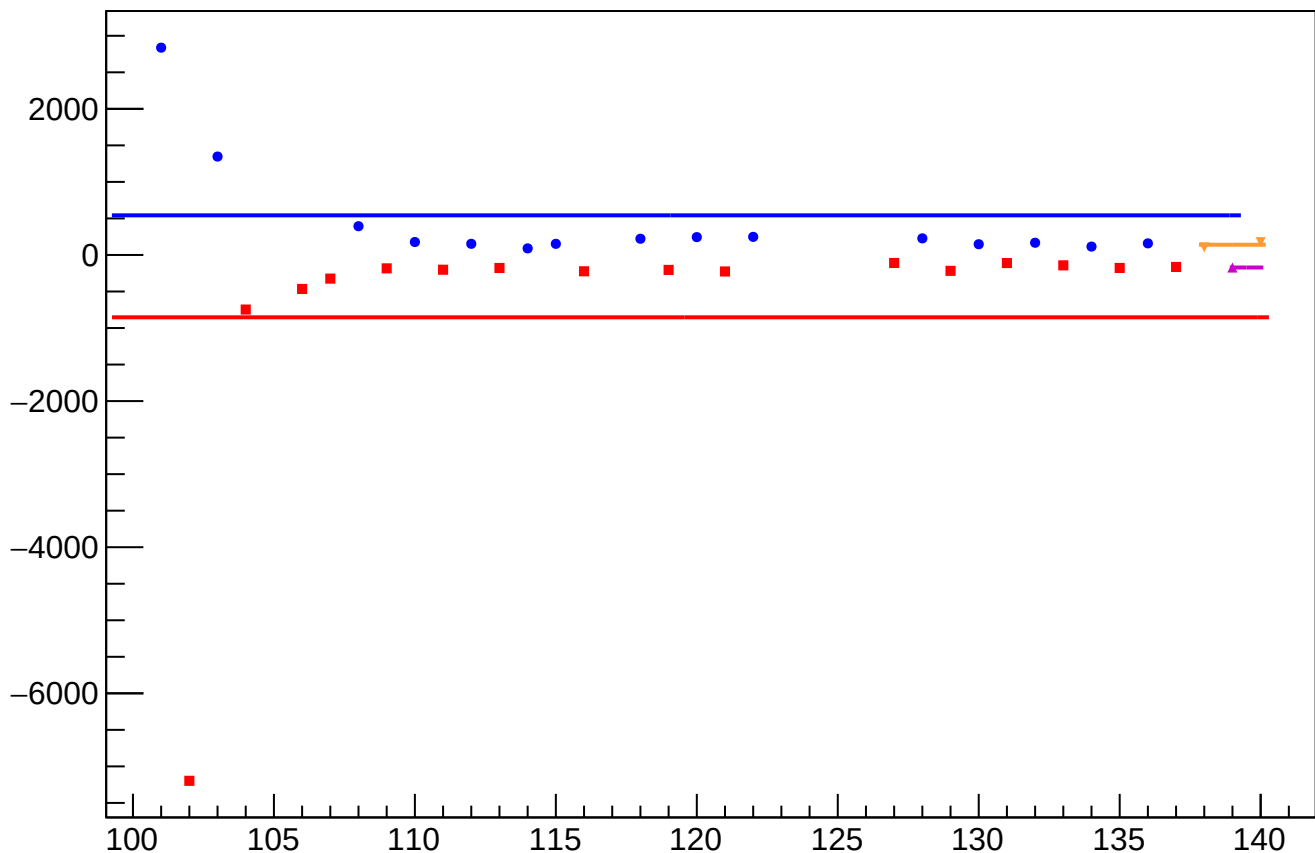
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 942.281+/-0.000 χ^2/NDF : 9862620487902604886305778237268033536.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -967.259+/-0.000 χ^2/NDF : 0.0/0
 All: 52.225+/-0.000 χ^2/NDF : 1631017375555

dit_atr1_coil6_mean vs Slug, Sign Corrected



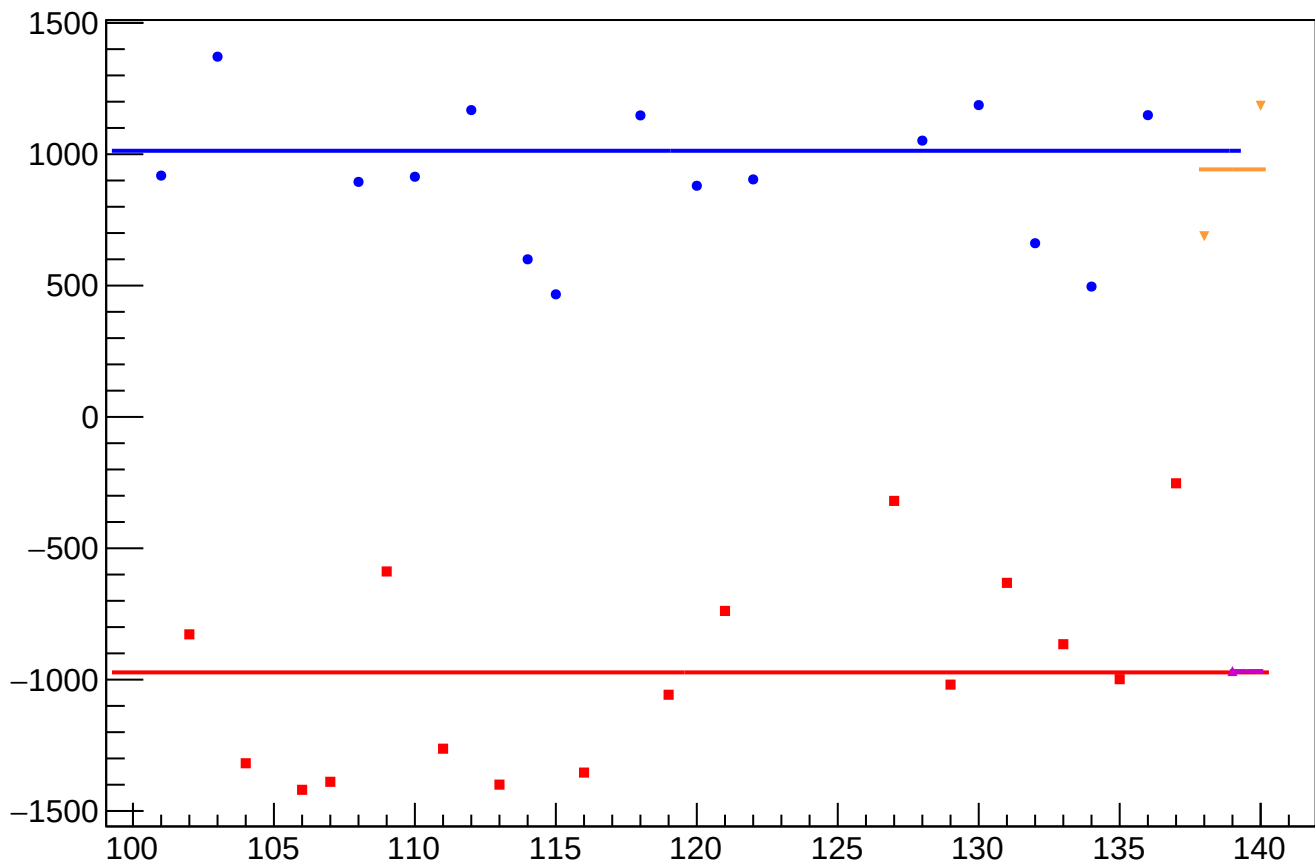
Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14
 Left Out: 367.927+/-0.000 χ^2/NDF : 1543518077317103852372551530698506240.0/1
 Right Out: -191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15
 Left In: -508.044+/-0.000 χ^2/NDF : 0.0/0
 All: 172.061+/-0.000 χ^2/NDF : 275018246720

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



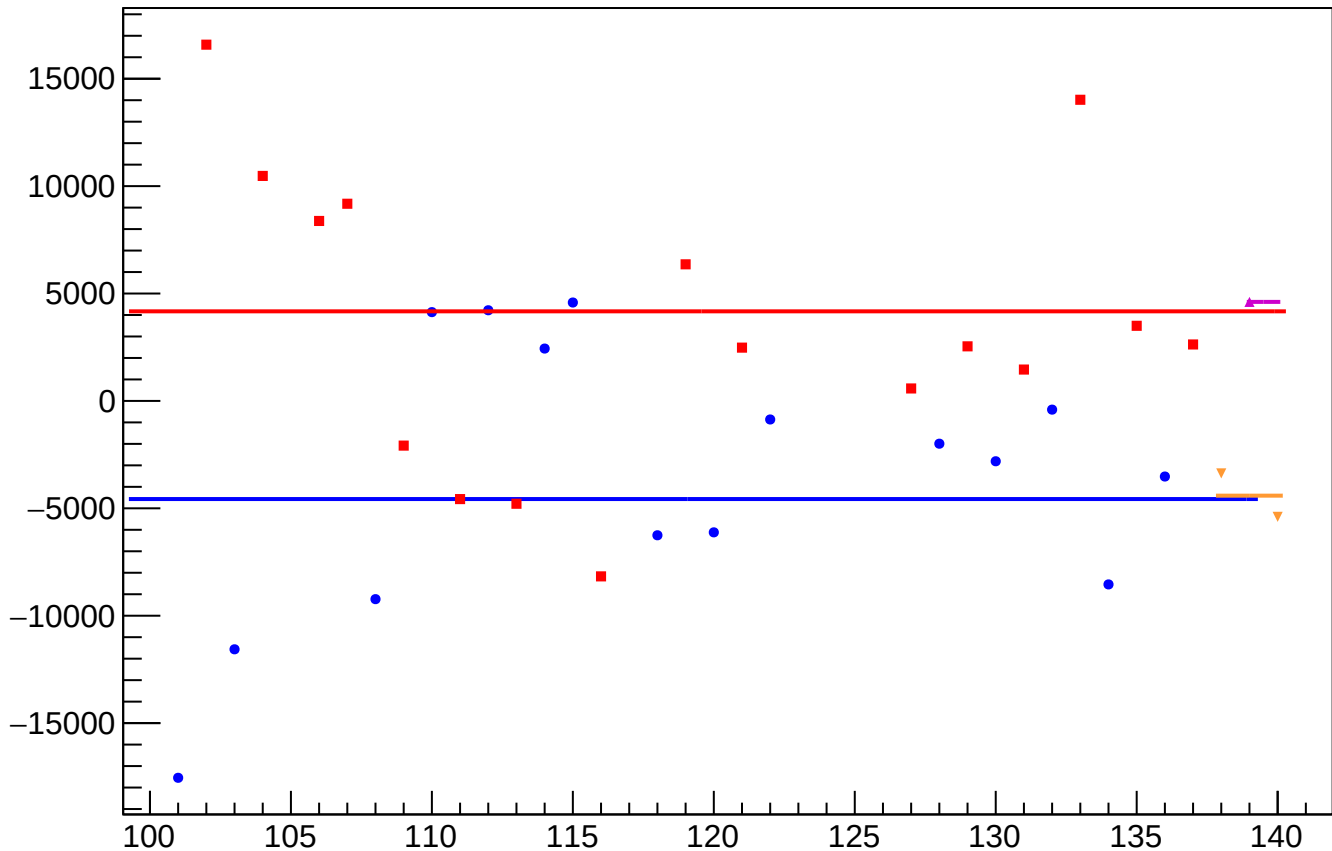
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 Left Out: 140.092+/-0.000 χ^2/NDF : 207845681174541827241848195155755008.0/1
 Right Out: -853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Left In: -171.695+/-0.000 χ^2/NDF : 0.0/0
 All: -133.981+/-0.000 χ^2/NDF : 36426712130

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 942.281+/-0.000 χ^2/NDF : 9862620487902604886305778237268033536.0/1
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -967.259+/-0.000 χ^2/NDF : 0.0/0
 All: 52.225+/-0.000 χ^2/NDF : 163101737555

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297+/-0.000

Left Out: -4410.408+/-0.000

Right Out: 4170.773+/-0.000

Left In: 4610.392+/-0.000

χ^2/NDF : 24195052148165719540713110921977756909568.0/14

χ^2/NDF : 163503924726083195088697729651027476480.0/1

χ^2/NDF : 30967248832187912041113909559481103024128.0/15

χ^2/NDF : 0.0/0

Left: -1378.521+/-0.000

Right: -138.996+/-0.000

In: -3549.839+/-0.000

Out: 2510.568+/-0.000

χ^2/NDF : 45395115096665

χ^2/NDF : 80283768430562

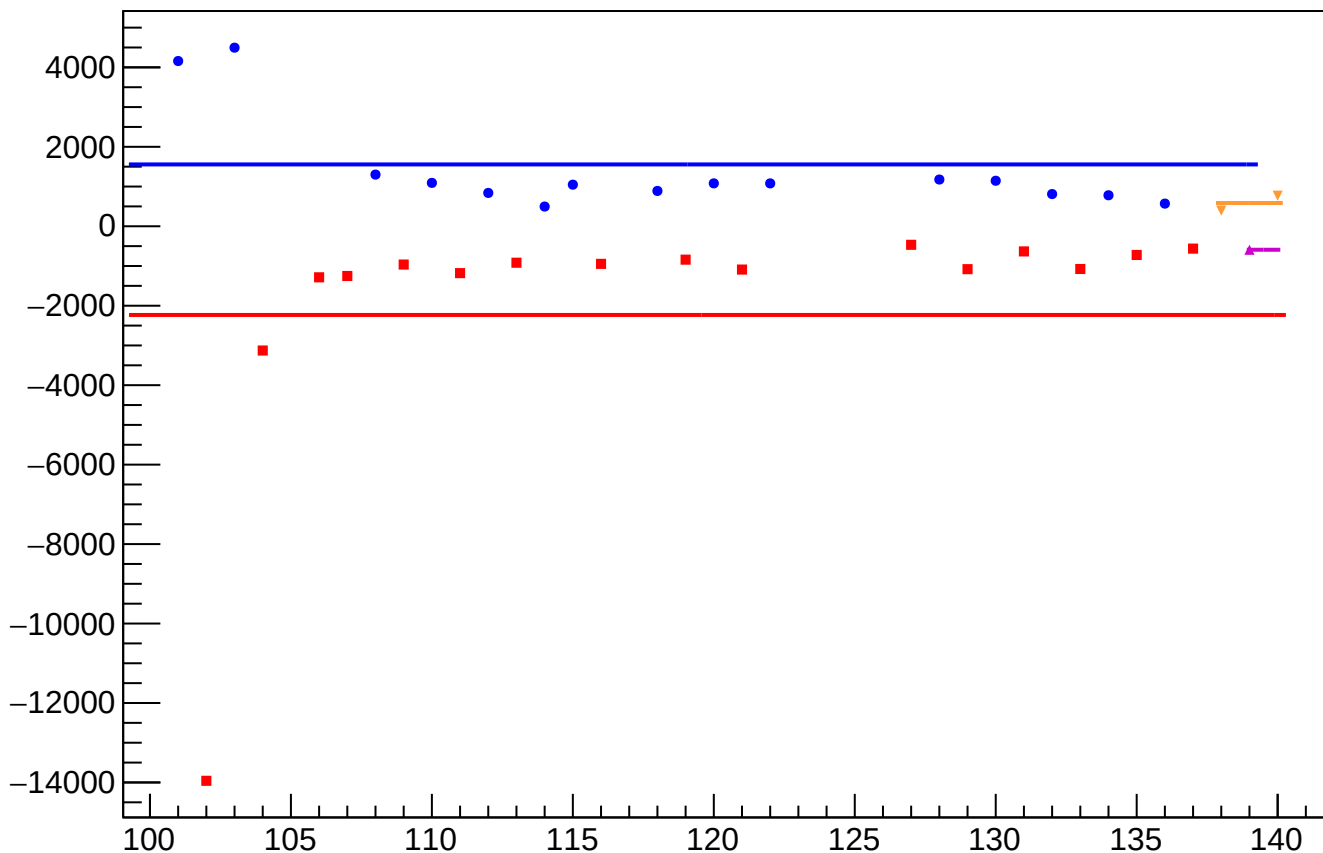
χ^2/NDF : 302619705878751

χ^2/NDF : 406331759103990

All: -330.856+/-0.000

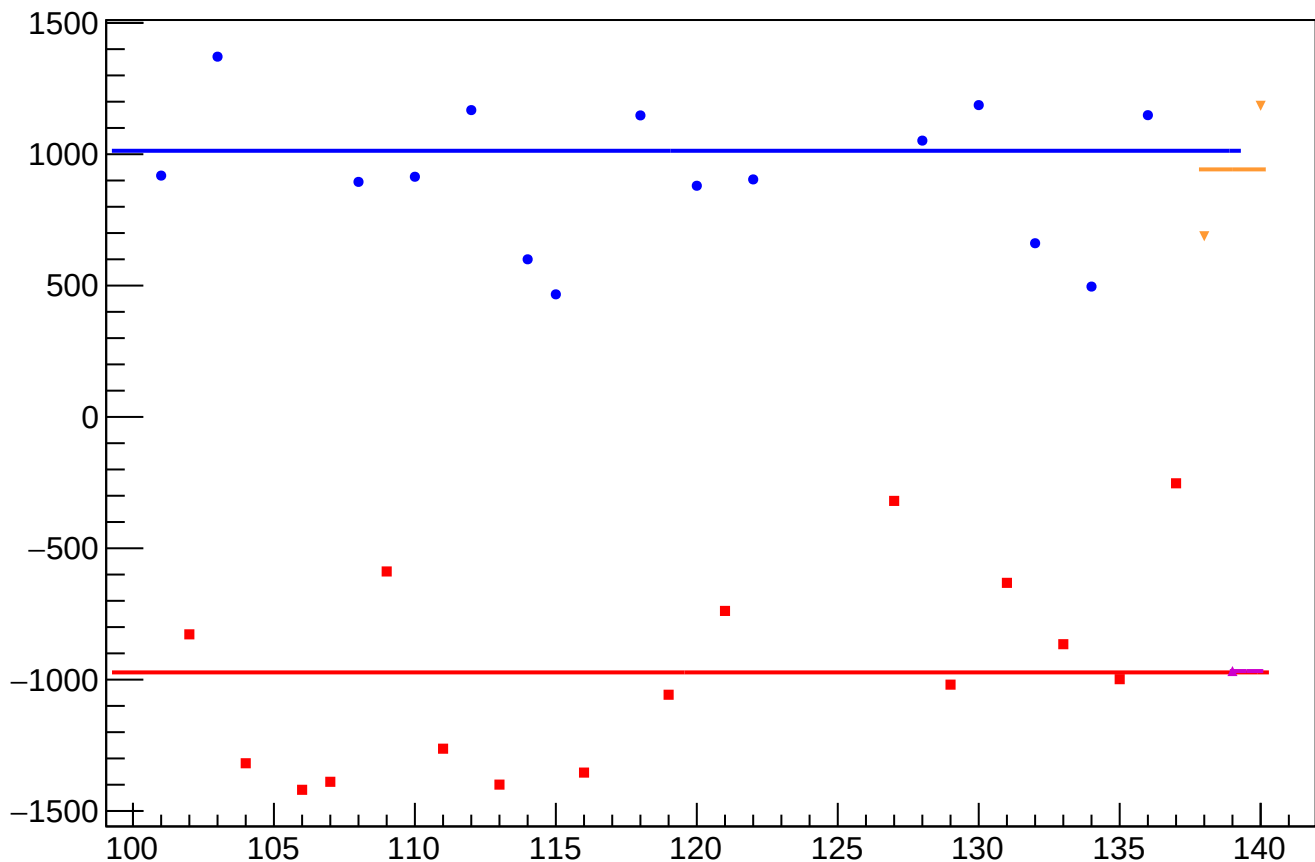
χ^2/NDF : 85136243935

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 586.250+/-0.000 χ^2/NDF : 5654001103732097923020056785043062784.0/1
 Right Out: -2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: -591.088+/-0.000 χ^2/NDF : 1046900.5/0
 All: -277.990+/-0.000 χ^2/NDF : 14995666101

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

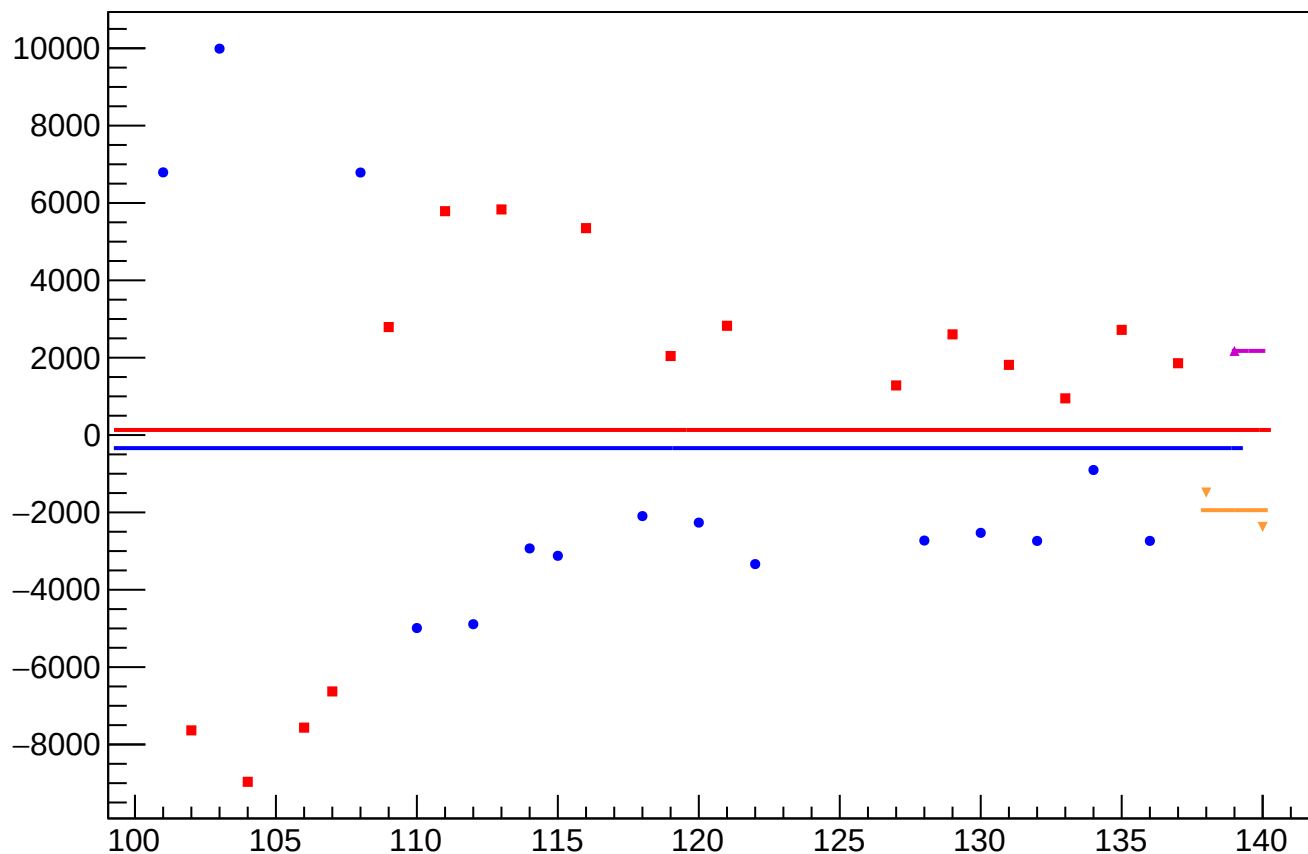
χ^2/NDF : 0.0/0

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -602.018+/-0.000 χ^2/NDF : 561857654150828

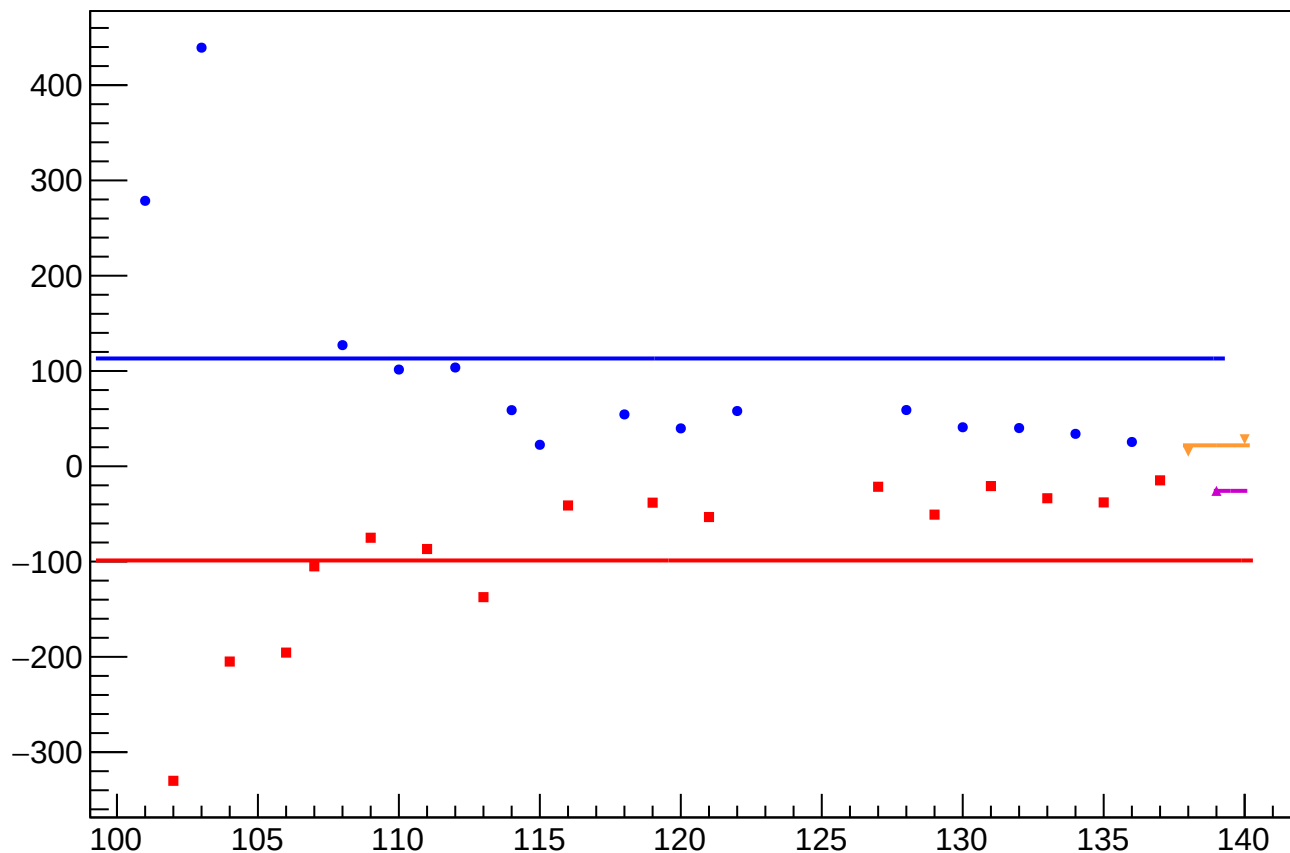
All: 52.225+/-0.000 χ^2/NDF : 1631017375555

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$
 Left Out: -1942.522 ± 0.000 $\chi^2/\text{NDF}: 31536417573013865679279615784523923456.0/1$
 Right Out: 131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$
 Left In: 2175.498 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -170.920 ± 0.000 $\chi^2/\text{NDF}: 32684510399$

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 113.134+/-0.000

χ^2/NDF : 9989638354332004017458192433874468864.0/14

Left Out: 21.976+/-0.000

χ^2/NDF : 6704941889311314700979079858880512.0/1

Right Out: -98.833+/-0.000

χ^2/NDF : 5510365308590426333953610701260980224.0/15

Left In: -25.787+/-0.000

χ^2/NDF : 0.0/0

Left: 5.923+/-0.000 χ^2/NDF : 129385558346629240

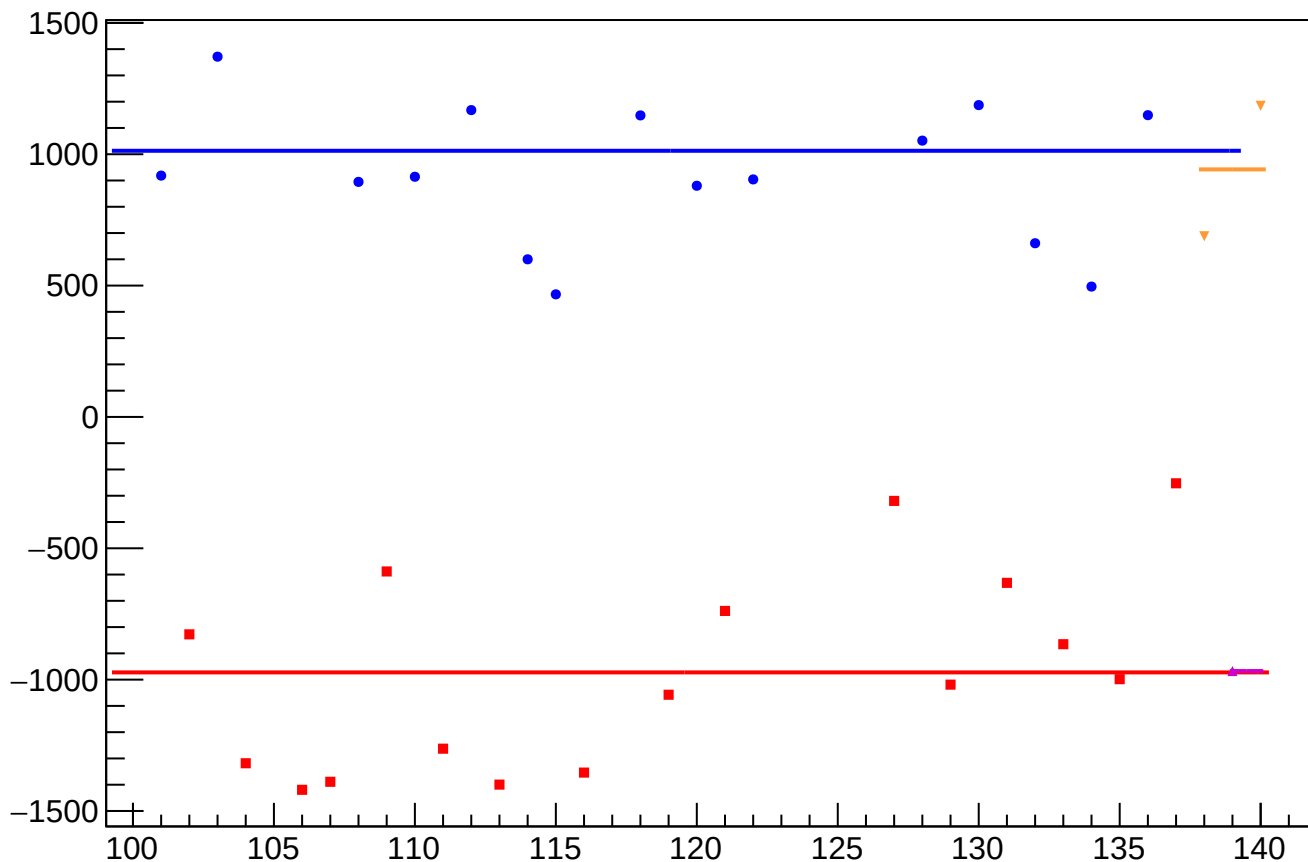
Right: 5.701+/-0.000 χ^2/NDF : 30279176036436111

In: 97.719+/-0.000 χ^2/NDF : 113794057768295962

Out: -75.460+/-0.000 χ^2/NDF : 7400457294811471

All: 5.735+/-0.000 χ^2/NDF : 30408571645532

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

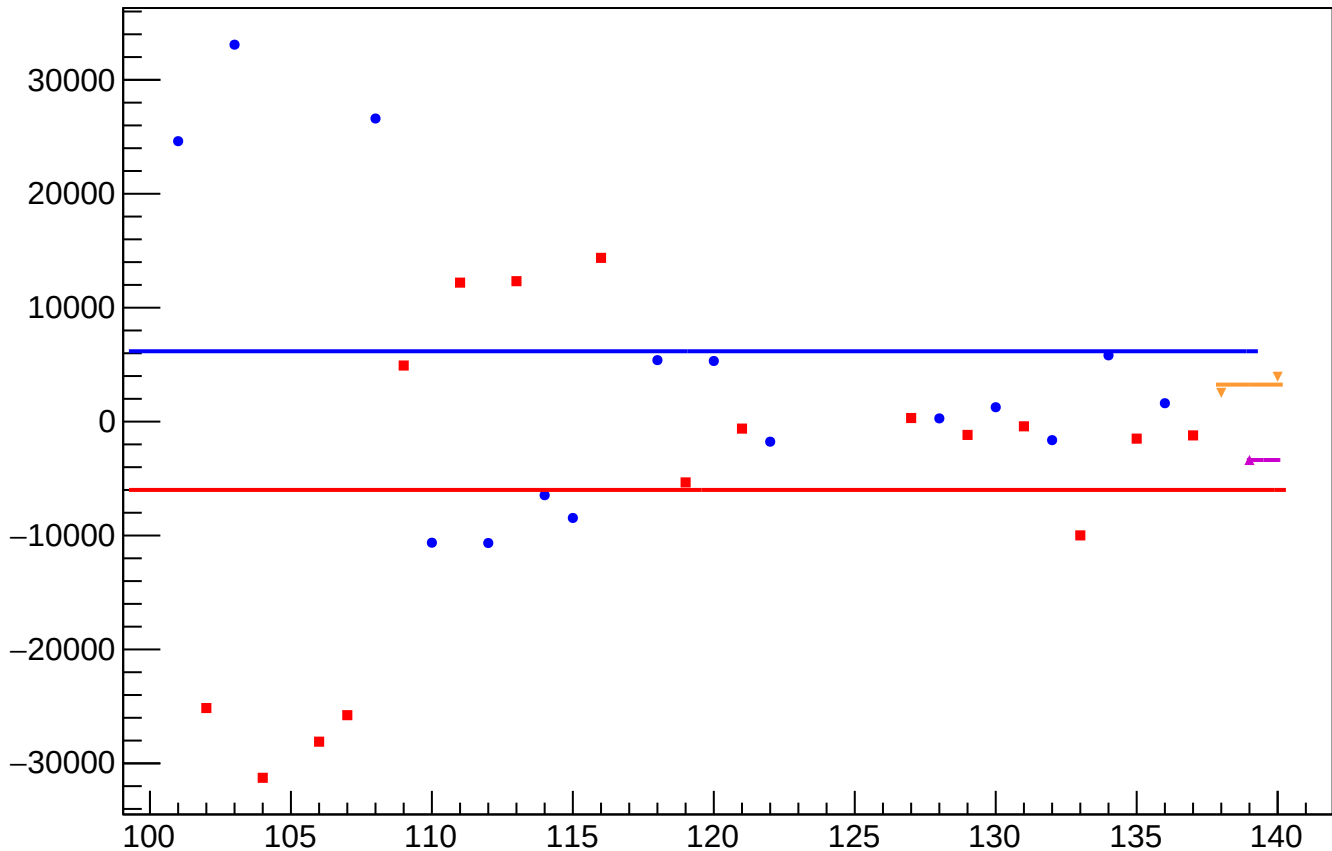
χ^2/NDF : 0.0/0

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -602.018+/-0.000 χ^2/NDF : 561857654150828

All: 52.225+/-0.000 χ^2/NDF : 1631017375555

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 6175.493+/-0.000

Left: 1023.639+/-0.000 χ^2/NDF : 243437280685045

Left Out: 3247.695+/-0.000

Right: 6.138+/-0.000 χ^2/NDF : 30305507427747676

Right Out: -5996.727+/-0.000

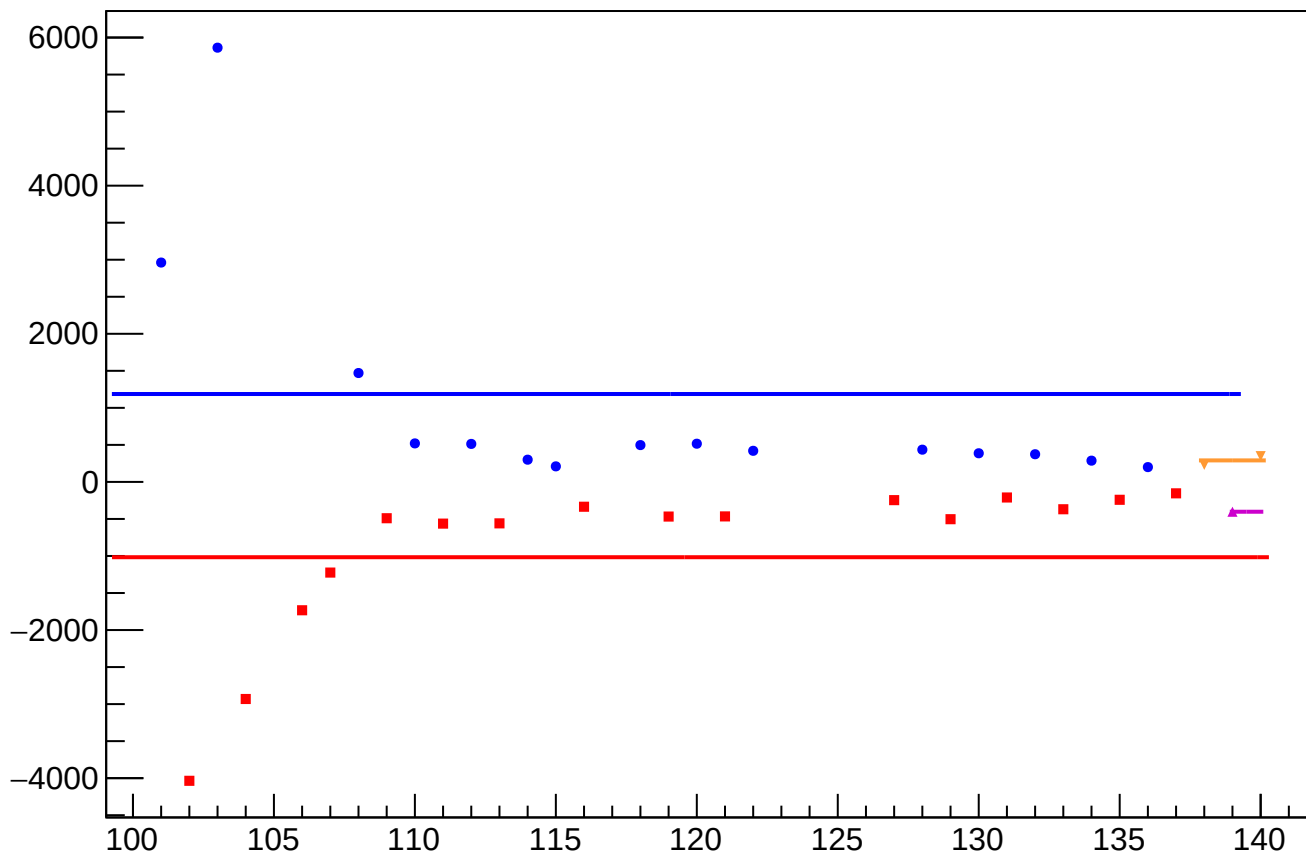
In: 5116.385+/-0.000 χ^2/NDF : 1238217754577441

Left In: -3369.557+/-0.000

Out: -4208.205+/-0.000 χ^2/NDF : 14816541832662

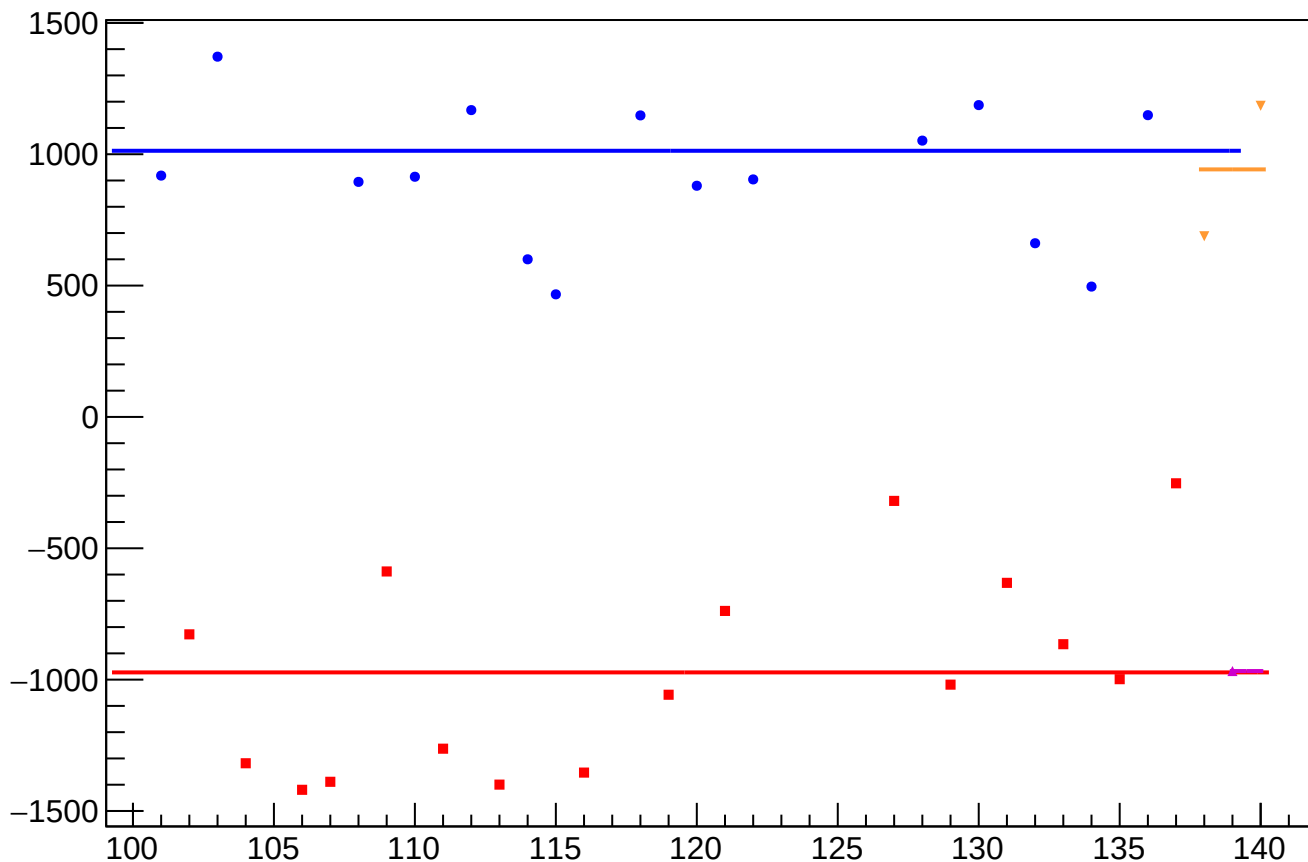
All: 163.632+/-0.000 χ^2/NDF : 305700335912

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 290.516+/-0.000 χ^2/NDF : 552594066587711365021556615023689728.0/1
 Right Out: -1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: -402.594+/-0.000 χ^2/NDF : 0.0/0
 All: 68.064+/-0.000 χ^2/NDF : 4347771529477

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281 $\pm$ 0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465 $\pm$ 0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

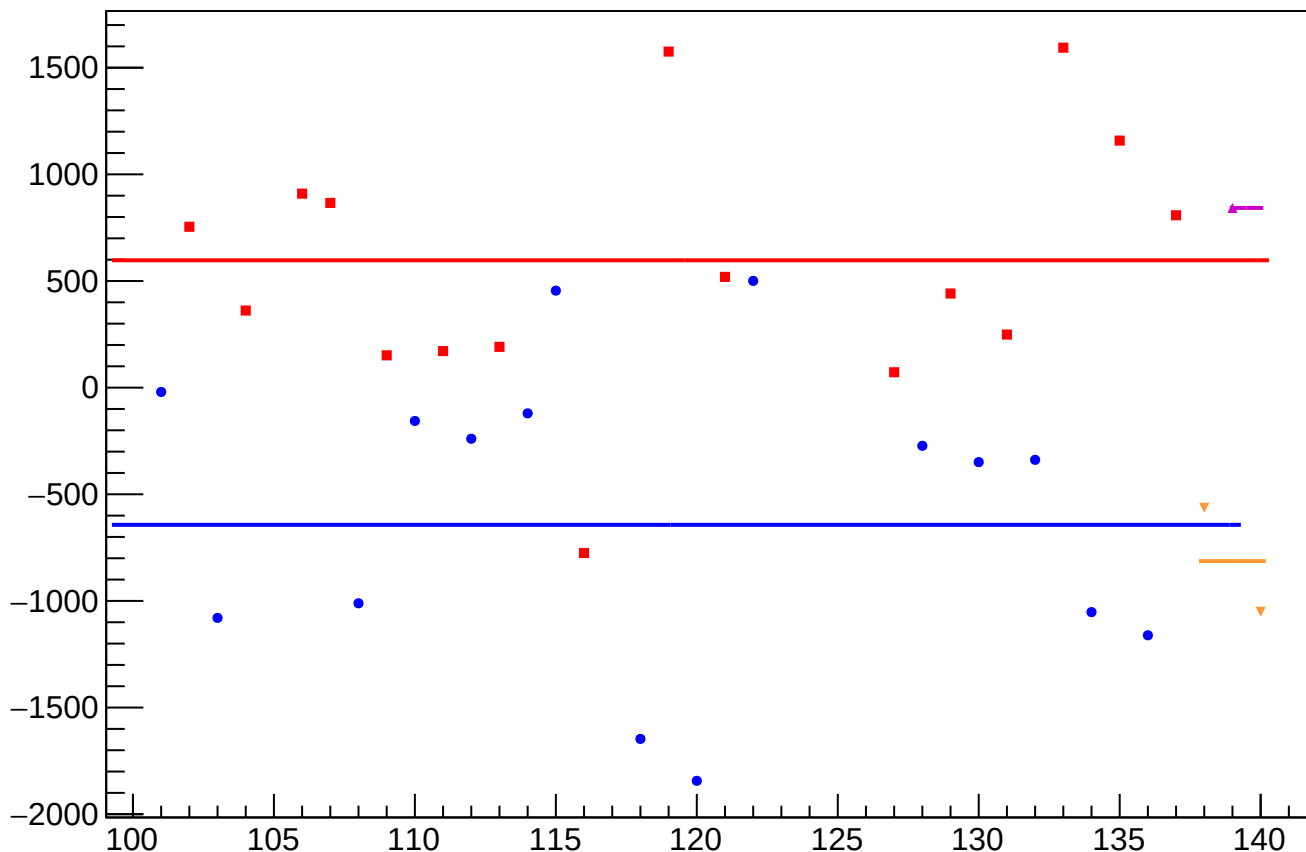
Left In: -967.259 $\pm$ 0.000

χ^2/NDF : 0.0/0

All: 52.225 $\pm$ 0.000

χ^2/NDF : 1631017375555

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000

Left Out: -813.191+/-0.000

Right Out: 597.043+/-0.000

Left In: 842.616+/-0.000

χ^2/NDF : 272726964608206694027285159784925364224.0/14

χ^2/NDF : 9494461843600949248437001175632445440.0/1

χ^2/NDF : 210733370798031449363504004319005376512.0/15

χ^2/NDF : 0.0/0

Left: -256.675+/-0.000 χ^2/NDF : 156931702137902

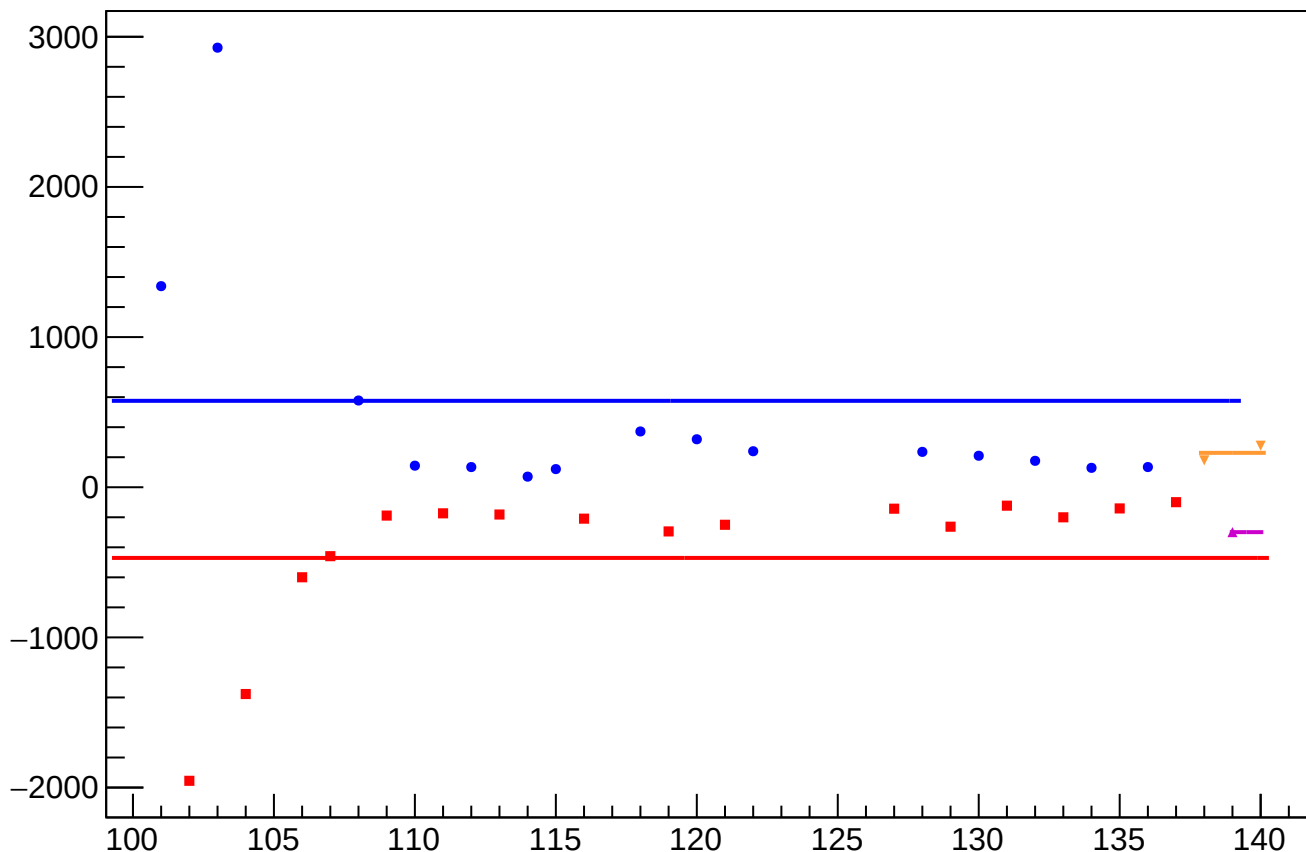
Right: -14.605+/-0.000 χ^2/NDF : 989448118075246

In: -478.351+/-0.000 χ^2/NDF : 4317085226730922

Out: 324.204+/-0.000 χ^2/NDF : 4768667282480336

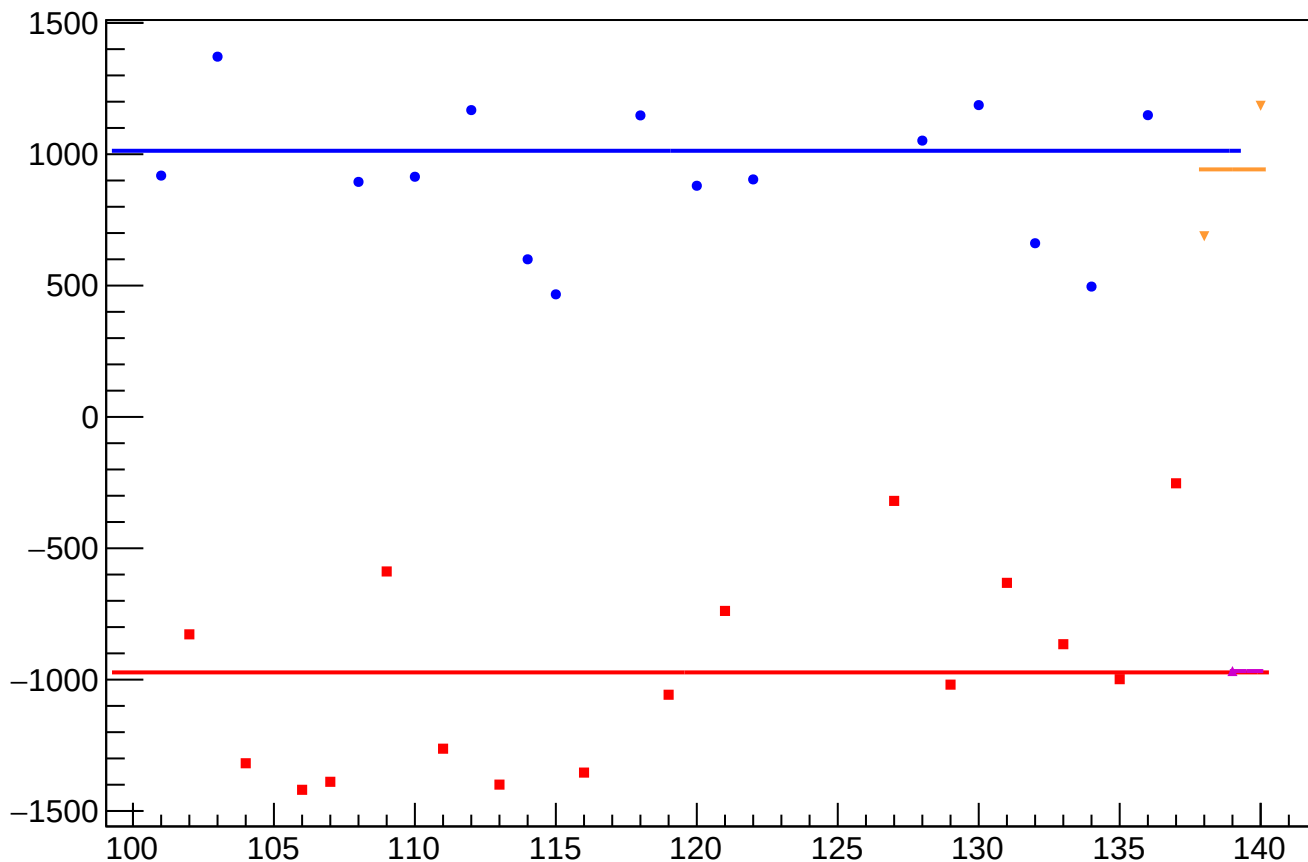
All: -52.074+/-0.000 χ^2/NDF : 115831601010

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Left Out: 229.109+/-0.000 χ^2/NDF : 380707985343336302644638007521443840.0/1
 Right Out: -470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15
 Left In: -298.989+/-0.000 χ^2/NDF : 0.0/0
 All: 46.235+/-0.000 χ^2/NDF : 1017440303381

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

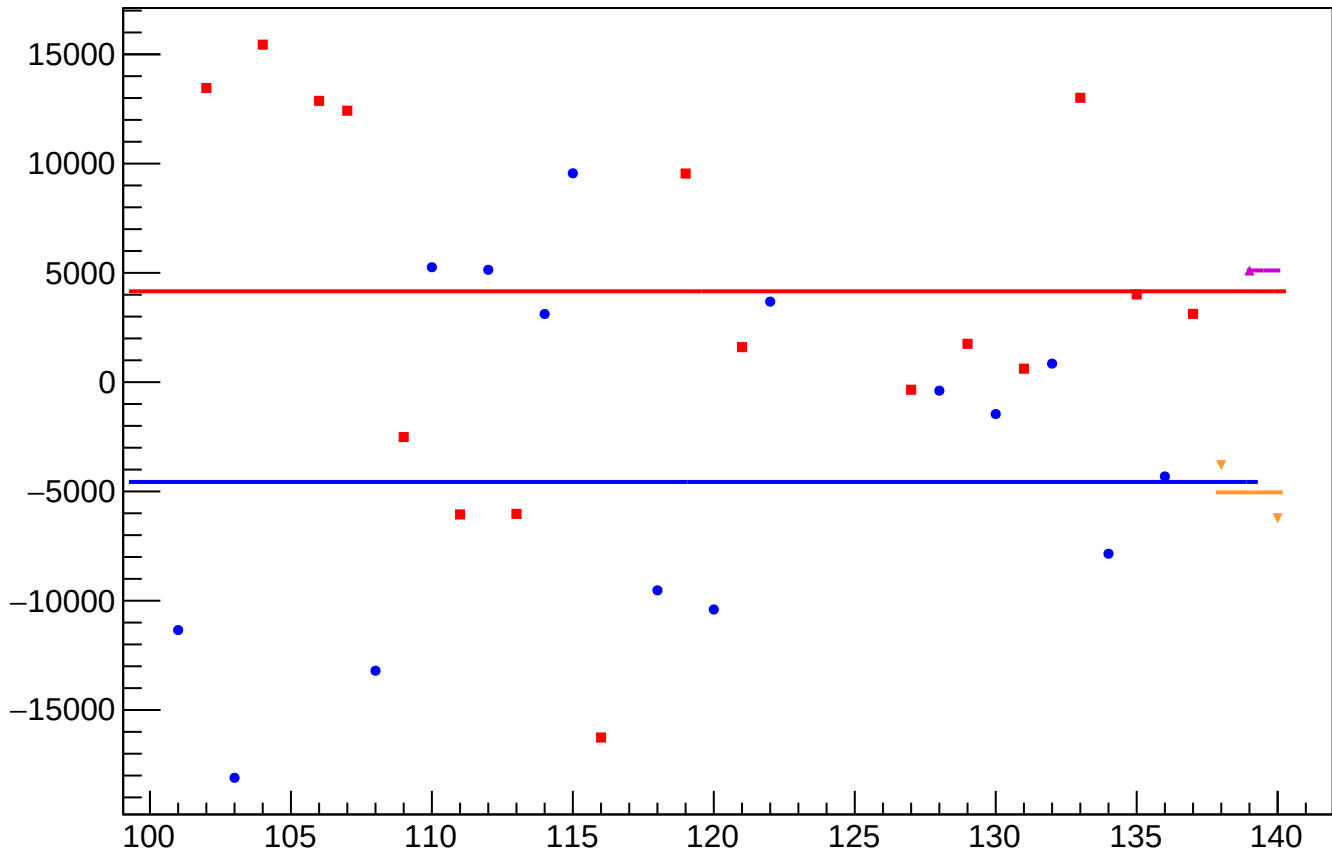
Out: -602.018+/-0.000

χ^2/NDF : 561857654150828

All: 52.225+/-0.000

χ^2/NDF : 1631017375555

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412+/-0.000

Left Out: -5043.743+/-0.000

Right Out: 4156.859+/-0.000

Left In: 5110.790+/-0.000

χ^2/NDF : 35667768247432289984899042725155487875072.0/14

χ^2/NDF : 234892926167983641881561092115711131648.0/1

χ^2/NDF : 45539455441659927157708443099930682195968.0/15

χ^2/NDF : 67001629.6/0

Left: -1630.809+/-0.000

Right: -144.626+/-0.000

In: -3491.751+/-0.000

Out: 2376.815+/-0.000

χ^2/NDF : 57799732452498

χ^2/NDF : 10623220696347

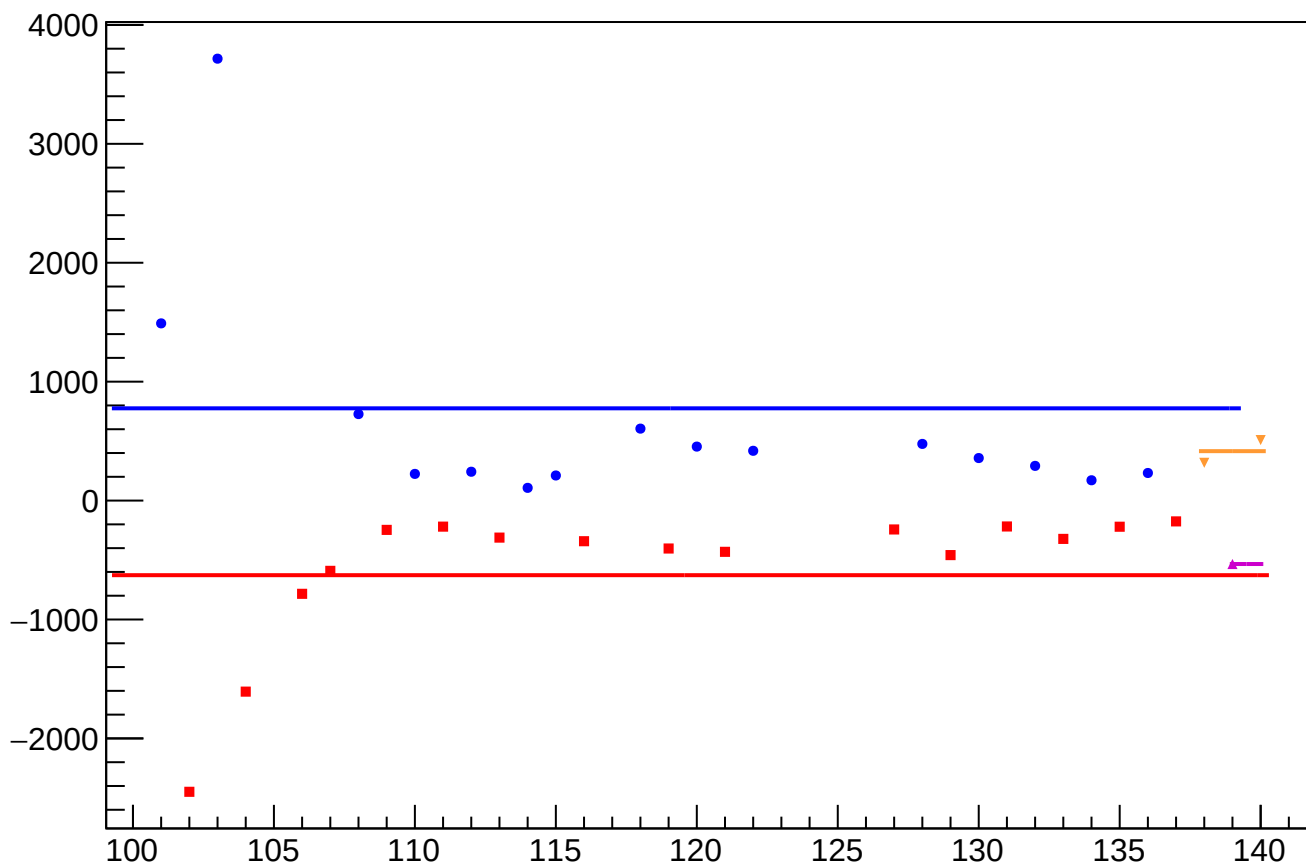
χ^2/NDF : 424102022724318

χ^2/NDF : 566981239405453

All: -374.664+/-0.000

χ^2/NDF : 11246209344

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 775.824+/-0.000

χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 415.658+/-0.000

χ^2/NDF : 1459971299808739084890186834050547712.0/1

Right Out: -627.315+/-0.000

χ^2/NDF : 297517676171111924966086193860621369344.0/15

Left In: -533.427+/-0.000

χ^2/NDF : 1046900.5/0

Left: 96.671+/-0.000 χ^2/NDF : 49899293316754509

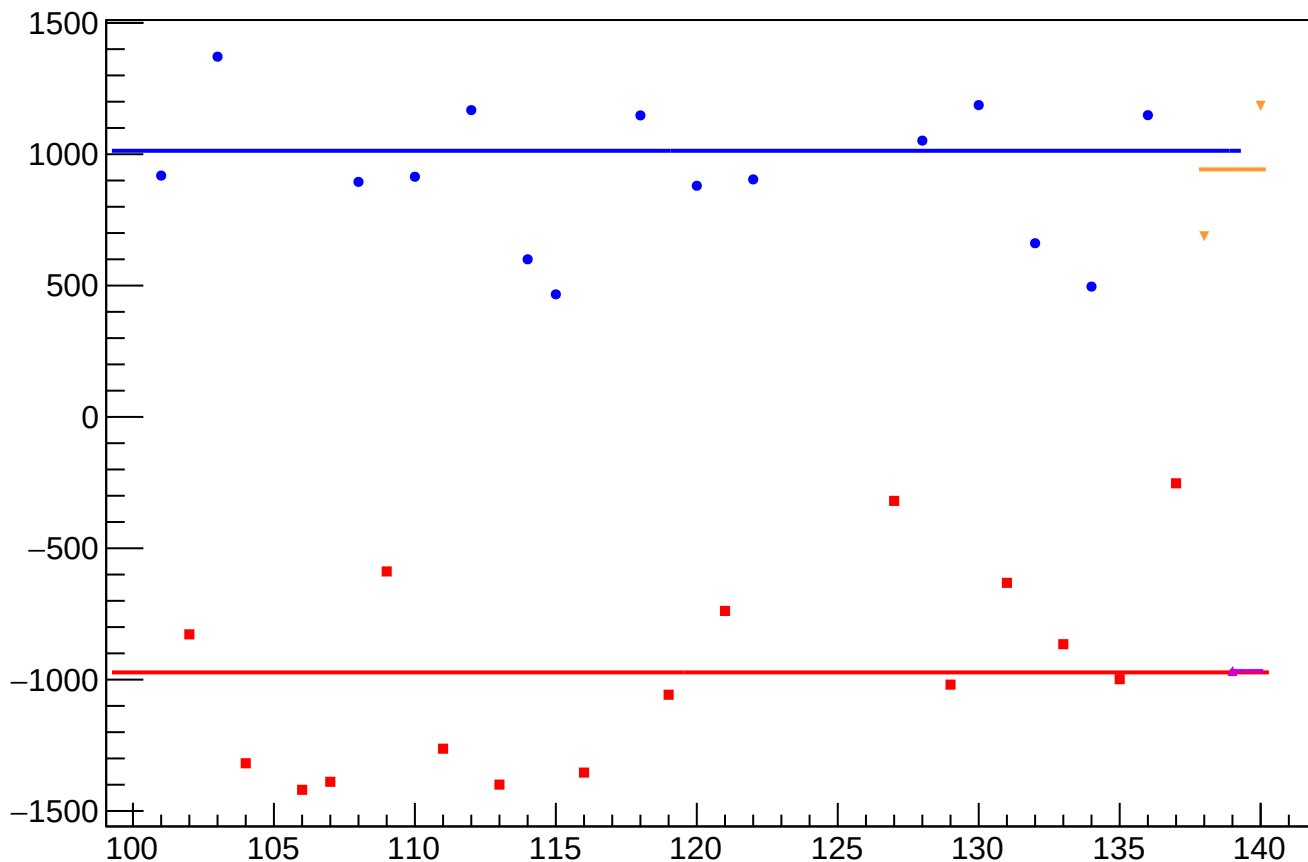
Right: 64.659+/-0.000 χ^2/NDF : 1586988053007642

In: 630.551+/-0.000 χ^2/NDF : 7652958445770051

Out: -425.530+/-0.000 χ^2/NDF : 439351467337587

All: 69.614+/-0.000 χ^2/NDF : 1637096089052

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

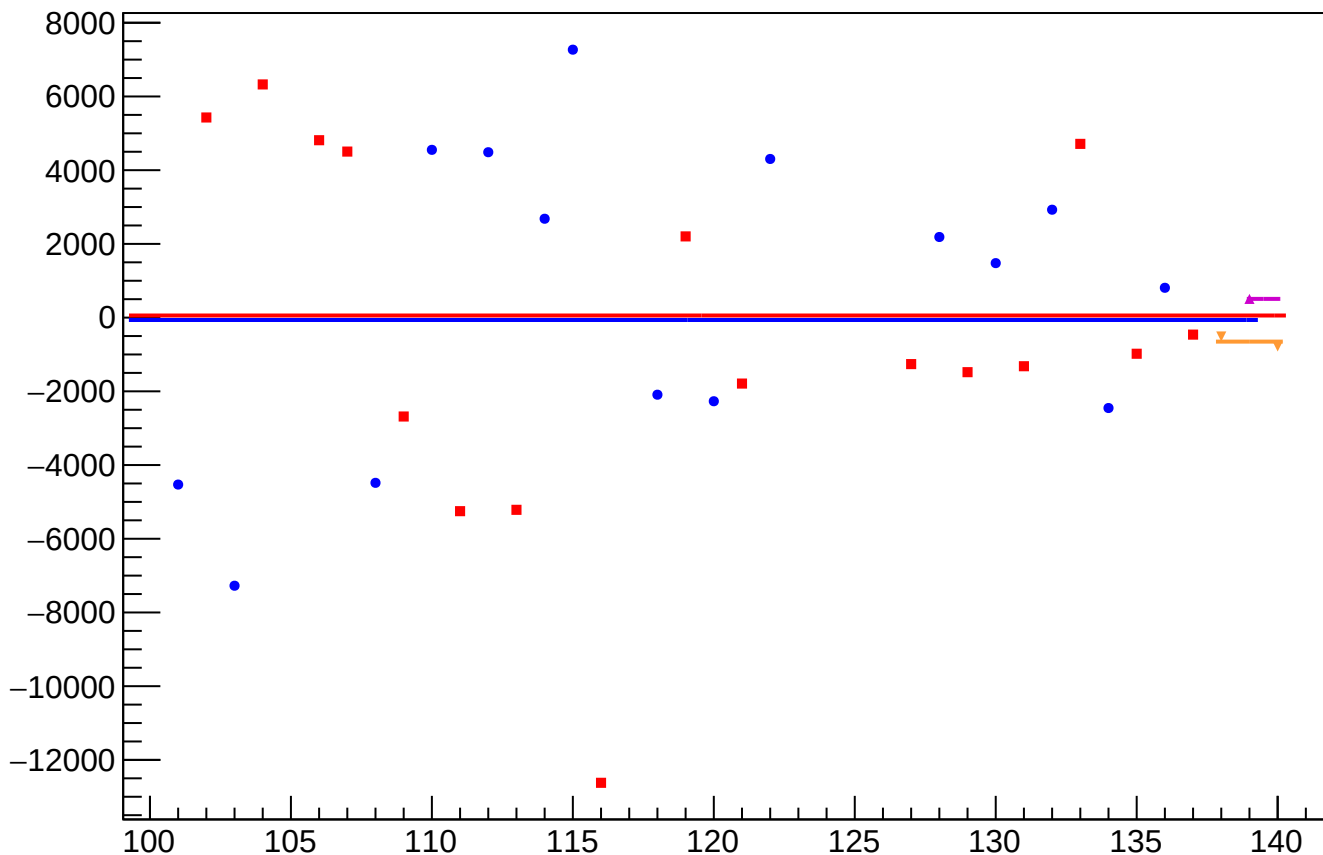
Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

Out: -602.018+/-0.000 χ^2/NDF : 561857654150828

All: 52.225+/-0.000 χ^2/NDF : 1631017375555

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -651.148+/-0.000 χ^2/NDF : 2940608984740266706665891462880690176.0/1

Right Out: 57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: 508.052+/-0.000 χ^2/NDF : 0.0/0

Left: -261.541+/-0.000 χ^2/NDF : 752016685181564

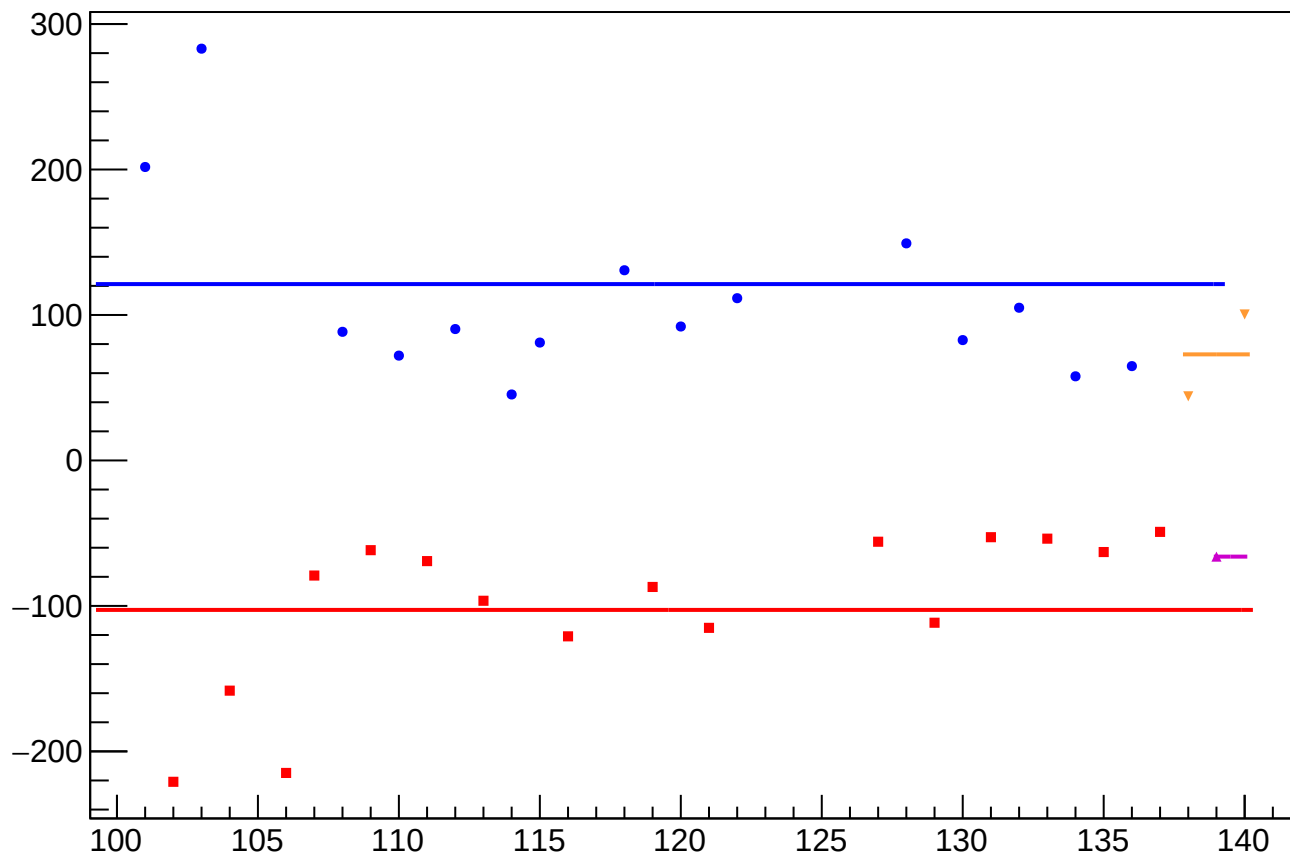
Right: -2.927+/-0.000 χ^2/NDF : 2340007670014095

In: -1.193+/-0.000 χ^2/NDF : 963785088834824229

Out: -79.821+/-0.000 χ^2/NDF : 1384865388245253

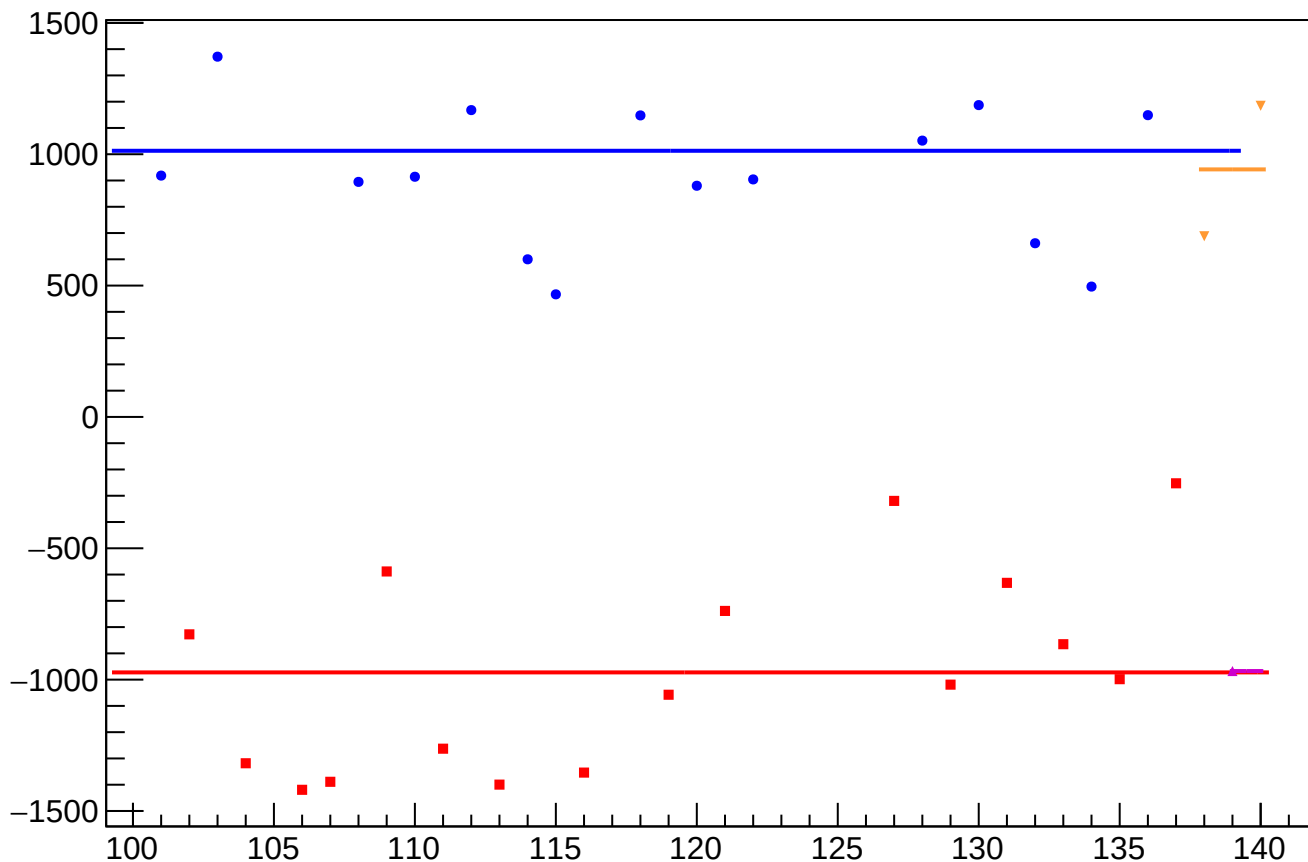
All: -42.956+/-0.000 χ^2/NDF : 234889019096

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14
 Left Out: 72.920+/-0.000 χ^2/NDF : 126631685856766181640430405975801856.0/1
 Right Out: -102.749+/-0.000 χ^2/NDF : 196766802484601033365442767055918336.0/15
 Left In: -66.113+/-0.000 χ^2/NDF : 0.0/0
 All: 10.569+/-0.000 χ^2/NDF : 2242793888923

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

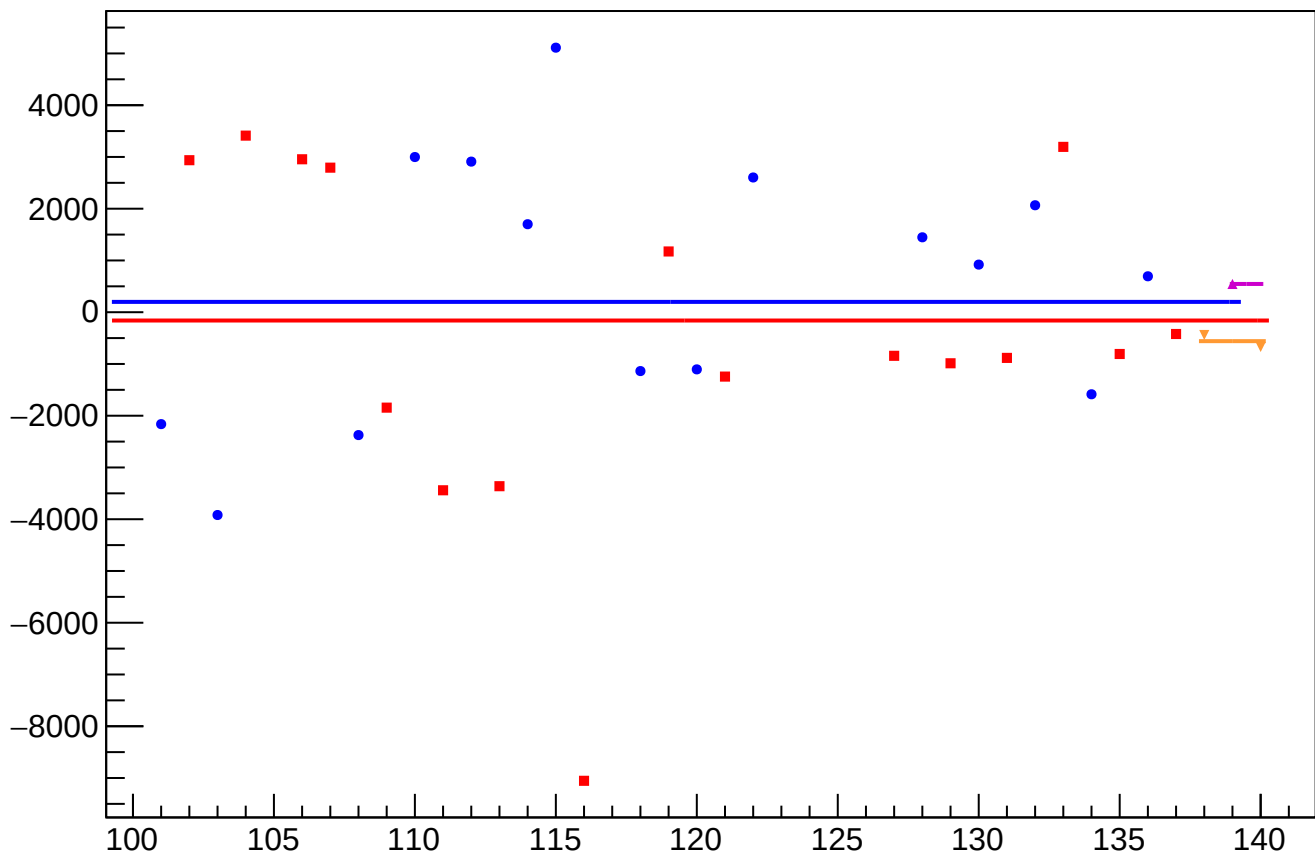
Out: -602.018+/-0.000

χ^2/NDF : 561857654150828

All: 52.225+/-0.000

χ^2/NDF : 1631017375555

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 199.503+/-0.000

χ^2/NDF : 3268159745923533825045181664876849790976.0/14

Left Out: -559.225+/-0.000

χ^2/NDF : 2152112542458595238963697154300837888.0/1

Right Out: -160.512+/-0.000

χ^2/NDF : 5680576709461197901526729703706251493376.0/15

Left In: 545.815+/-0.000

χ^2/NDF : 0.0/0

In: 237.930+/-0.000

χ^2/NDF : 32767963075059772

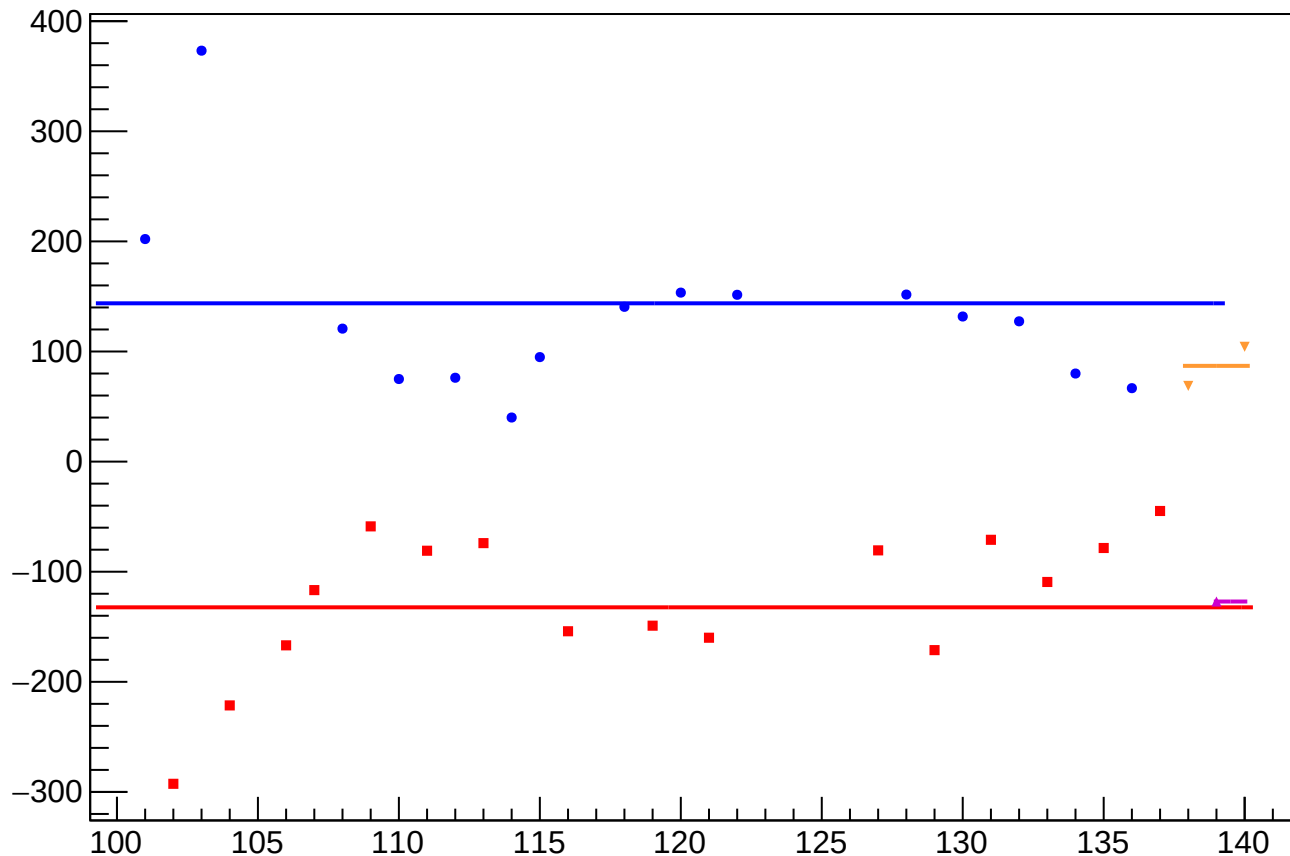
Out: -237.651+/-0.000

χ^2/NDF : 570324330349074

All: -14.675+/-0.000

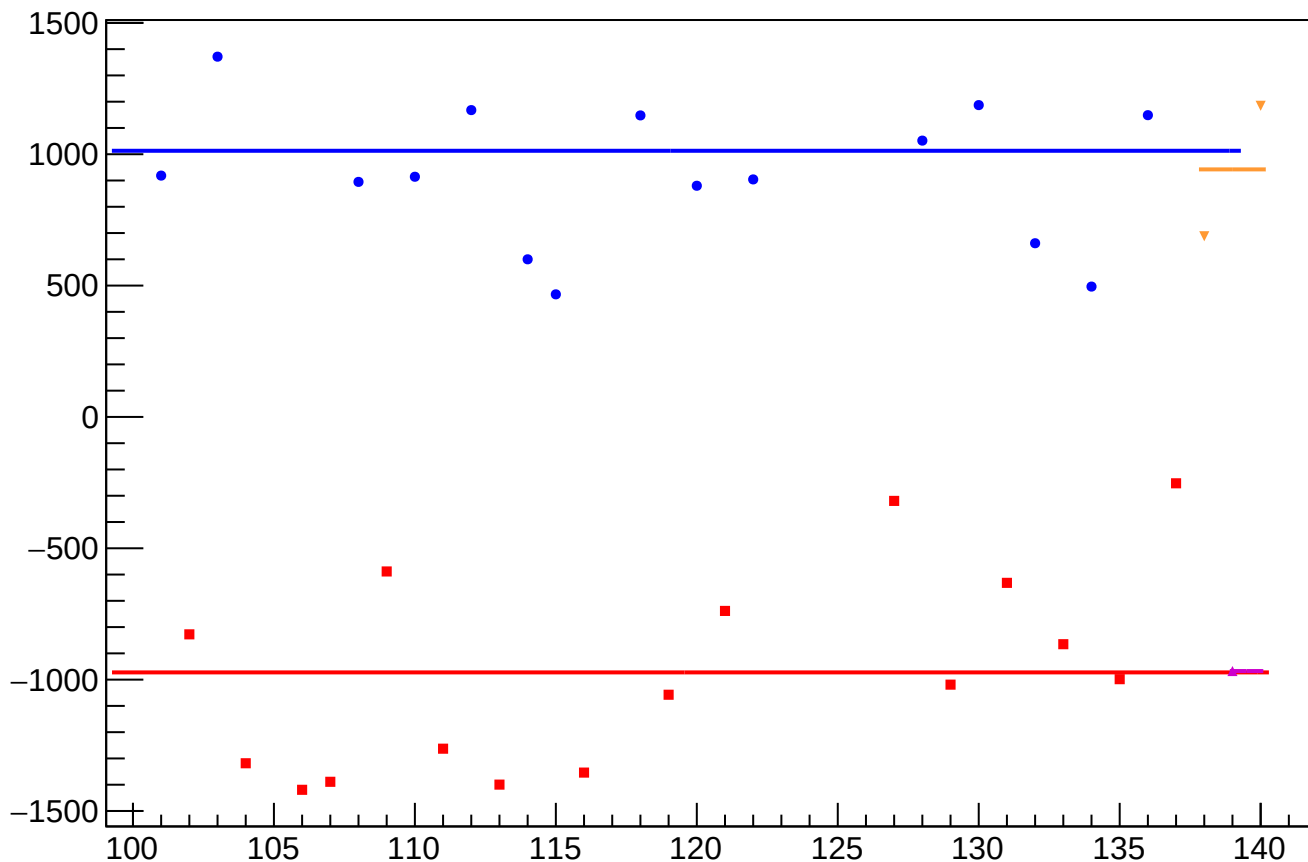
χ^2/NDF : 906773740596

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14
 Left Out: 86.956 ± 0.000 χ^2/NDF : 50450667395856053755144712897953792.0/1
 Right Out: -132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15
 Left In: -127.070 ± 0.000 χ^2/NDF : 0.0/0
 All: 5.557 ± 0.000 χ^2/NDF : 35304339852240

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

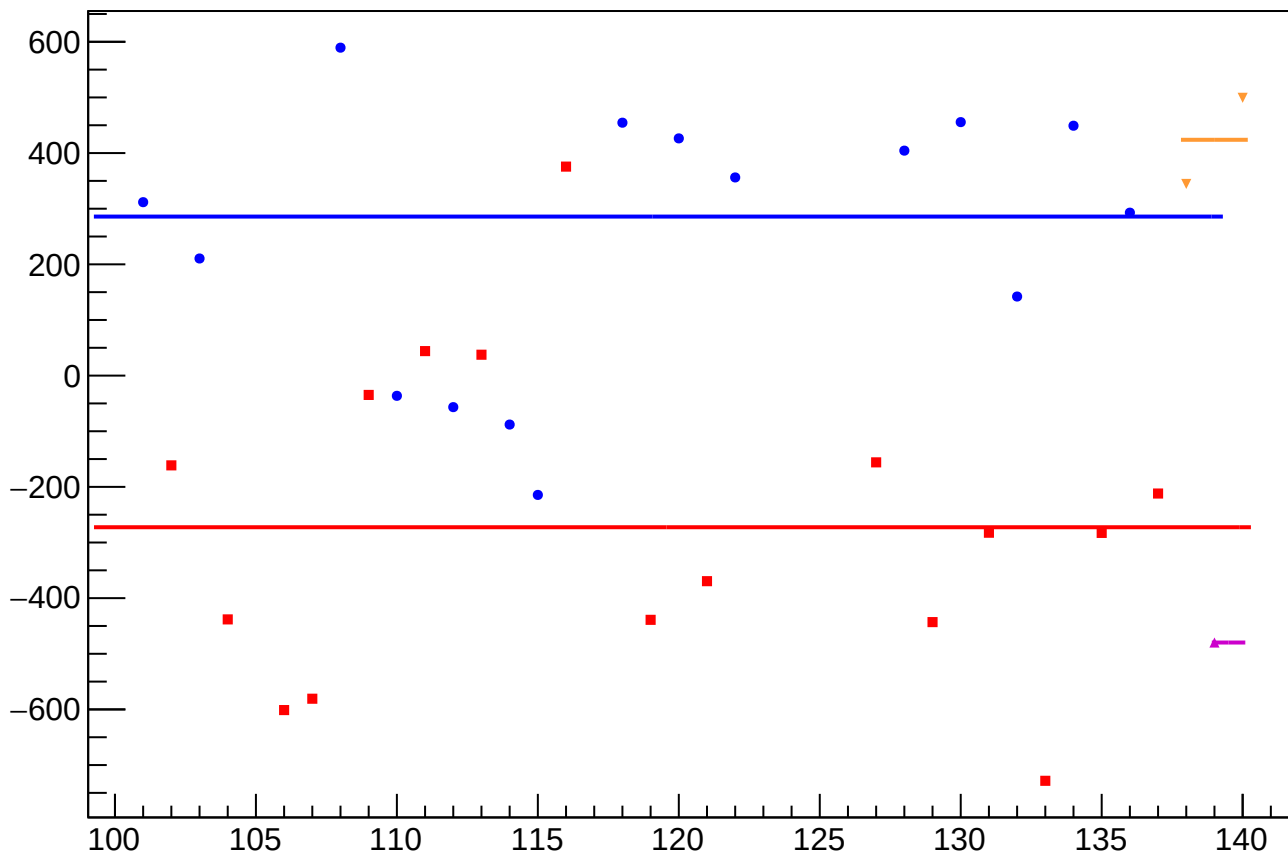
Out: -602.018+/-0.000

χ^2/NDF : 561857654150828

All: 52.225+/-0.000

χ^2/NDF : 1631017375555

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 285.856+/-0.000

χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 423.861+/-0.000

χ^2/NDF : 958296310040748094334417260280545280.0/1

Right Out: -272.539+/-0.000

χ^2/NDF : 44149952665075593650338713333575712768.0/15

Left In: -479.766+/-0.000

χ^2/NDF : 0.0/0

Left: 120.153+/-0.000 χ^2/NDF : 4486862761257703

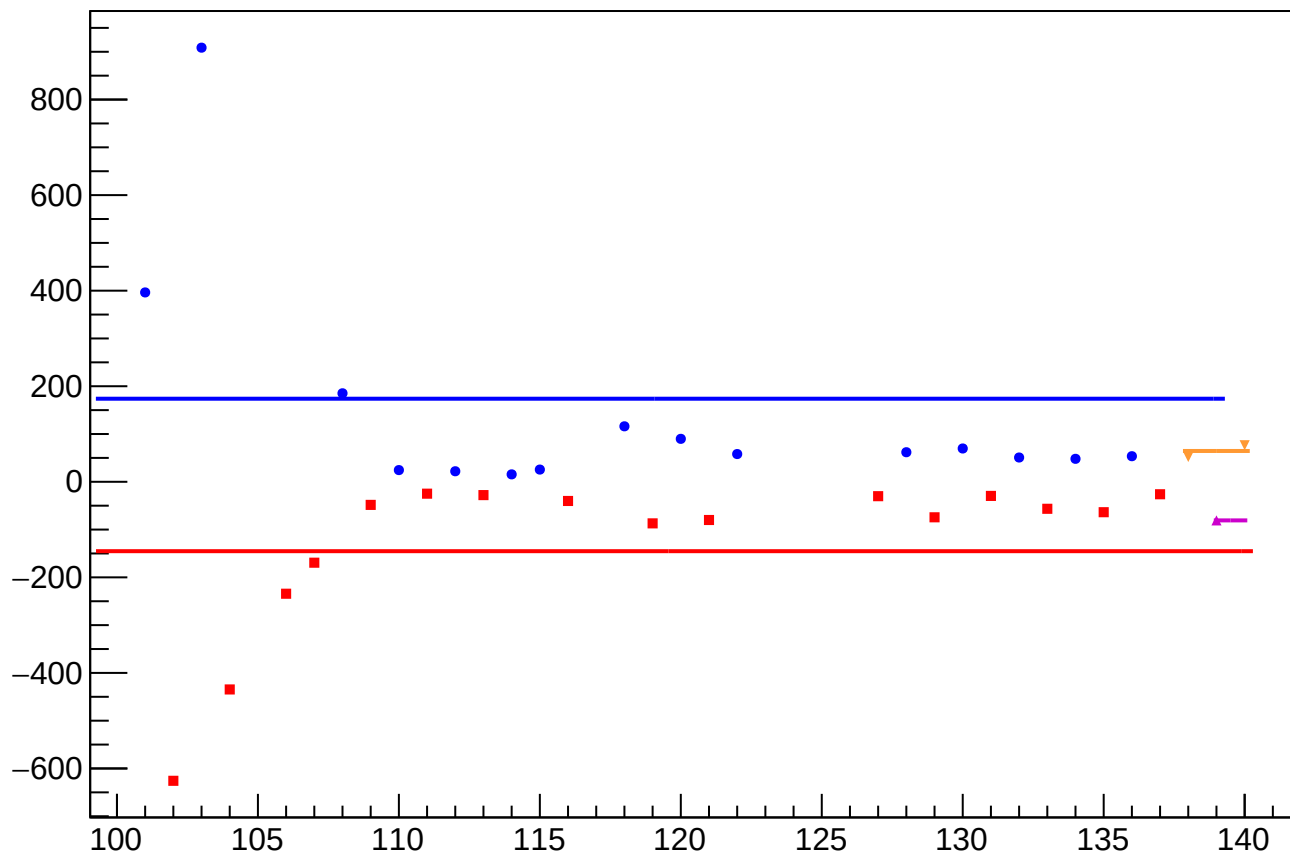
Right: 2.840+/-0.000 χ^2/NDF : 17082276741945895

In: 200.904+/-0.000 χ^2/NDF : 66320240891581465

Out: -137.806+/-0.000 χ^2/NDF : 107691452658483

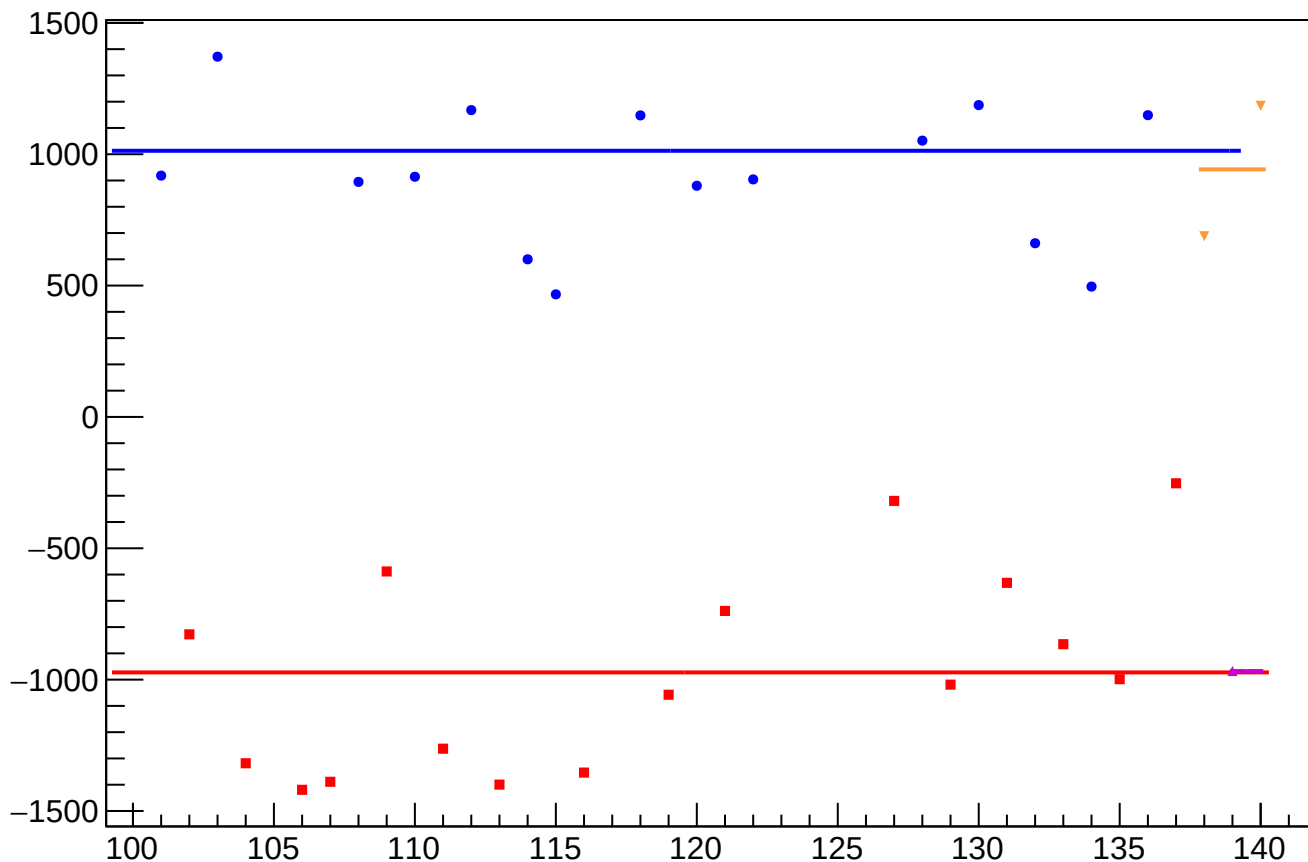
All: 20.998+/-0.000 χ^2/NDF : 2184947210173

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: 15.670+/-0.000 χ^2/NDF : 11595043763733834
 Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left Out: 64.505+/-0.000 χ^2/NDF : 24175206213521849677949748866187264.0/1
 Right: 12.139+/-0.000 χ^2/NDF : 9772897307710637
 In: 145.614+/-0.000 χ^2/NDF : 4637581527607090
 Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Out: -104.651+/-0.000 χ^2/NDF : 282302272361895
 Left In: -80.795+/-0.000 χ^2/NDF : 16357.8/0
 All: 12.686+/-0.000 χ^2/NDF : 9889101690671

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

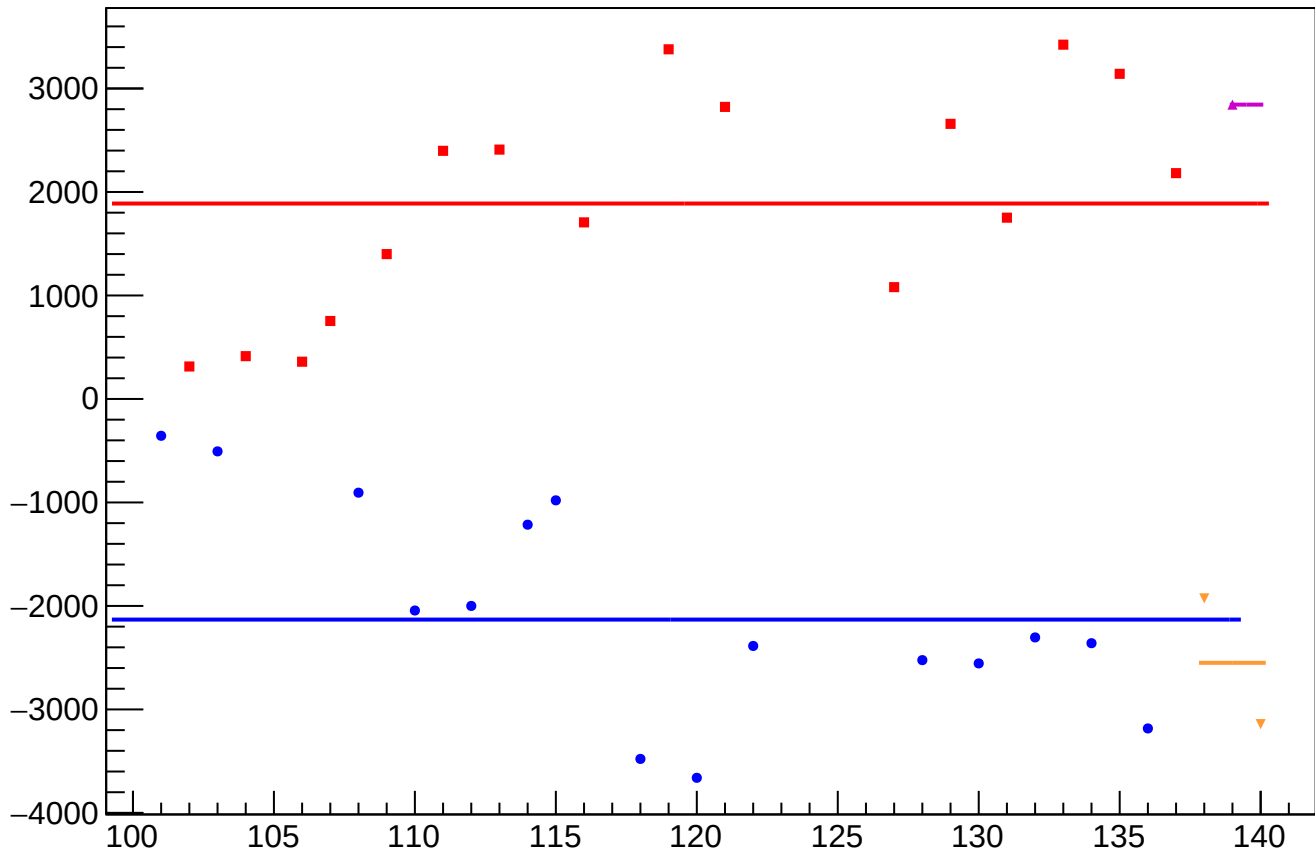
Out: -602.018+/-0.000

χ^2/NDF : 561857654150828

All: 52.225+/-0.000

χ^2/NDF : 1631017375555

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905+/-0.000

Left Out: -2549.570+/-0.000

Right Out: 1888.448+/-0.000

Left In: 2844.170+/-0.000

χ^2/NDF : 722433384570495071131450661983670501376.0/14

χ^2/NDF : 59021558947682932984262354054890389504.0/1

χ^2/NDF : 791986665551980691032719862611769819136.0/15

χ^2/NDF : 0.0/0

Left: -736.736+/-0.000 χ^2/NDF : 162349434677690

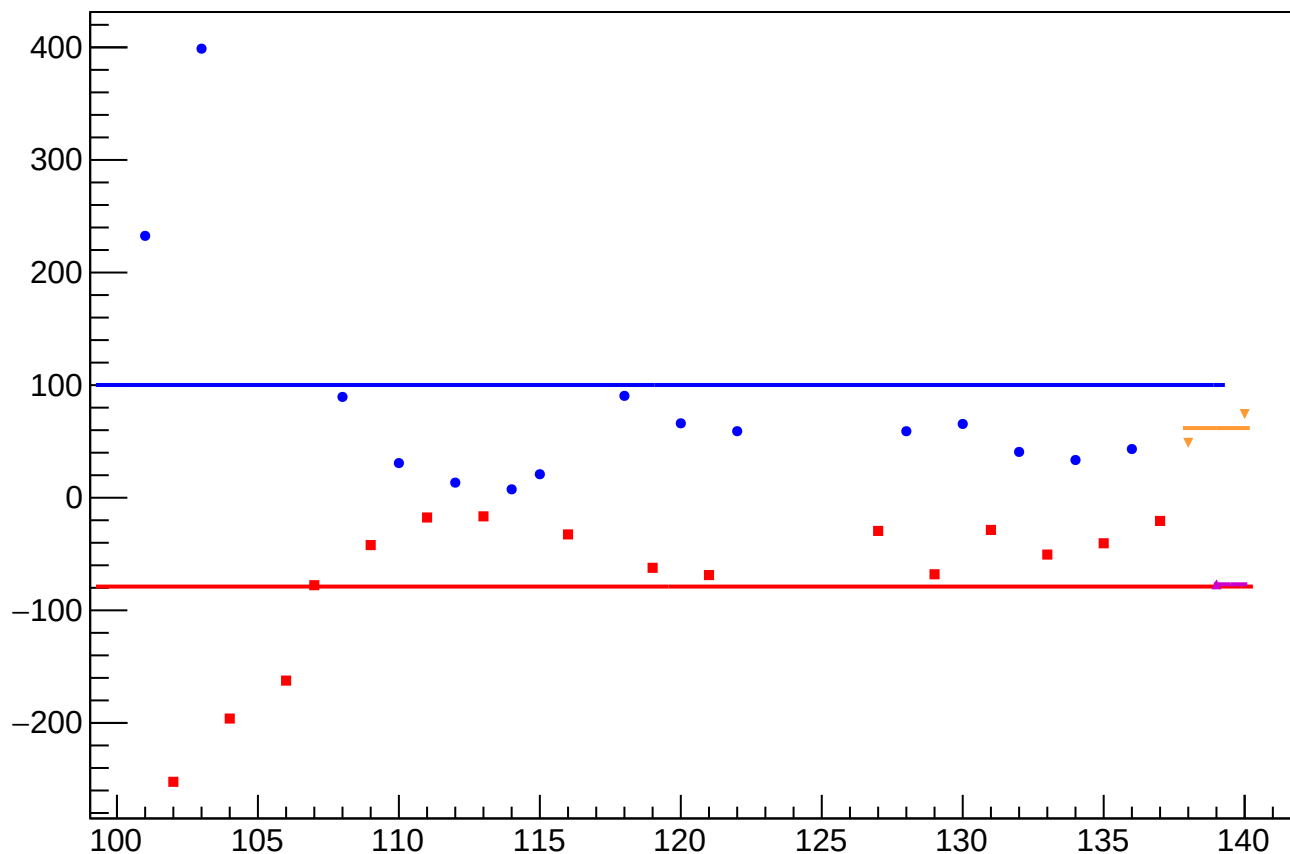
Right: -94.234+/-0.000 χ^2/NDF : 683113062504059

In: -1579.765+/-0.000 χ^2/NDF : 250555409054158

Out: 1029.823+/-0.000 χ^2/NDF : 339267385896117

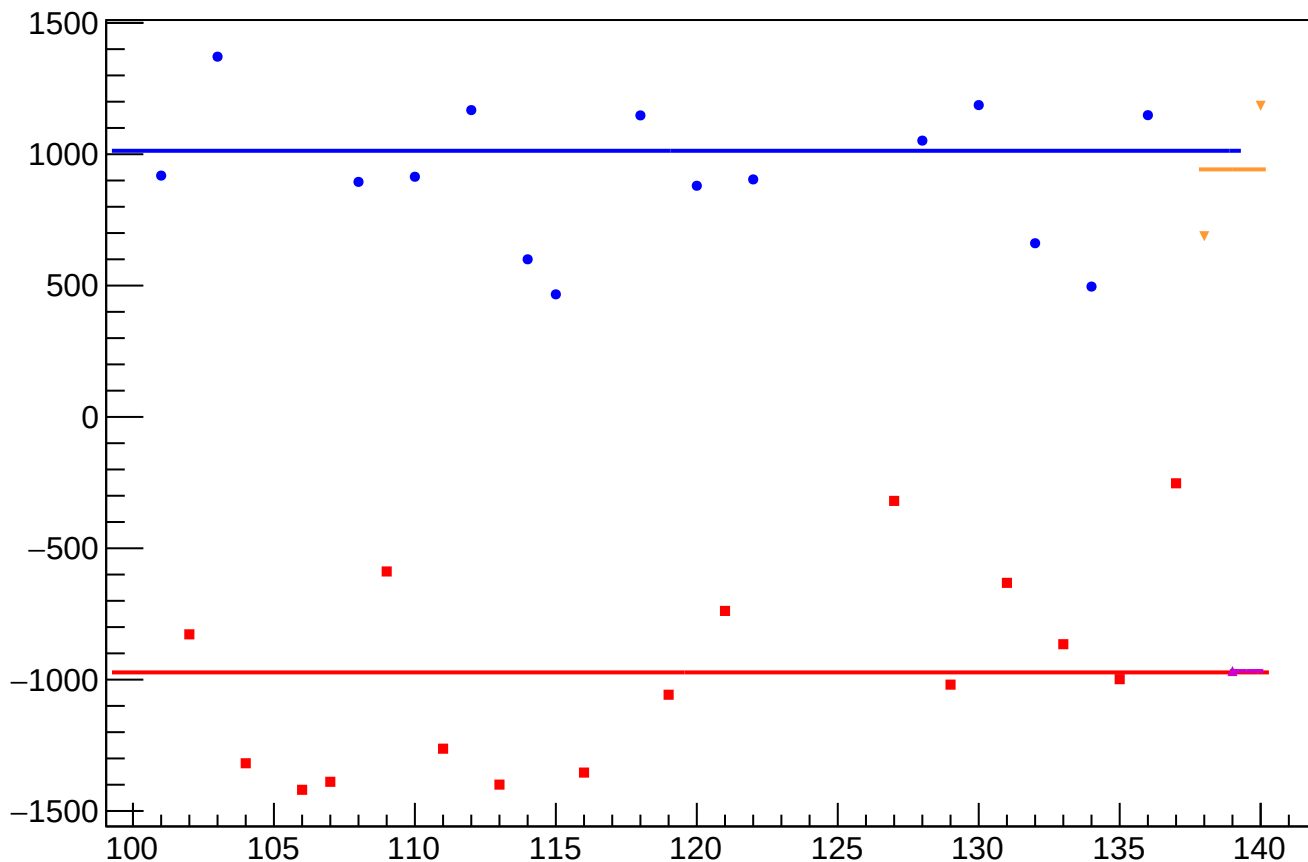
All: -193.683+/-0.000 χ^2/NDF : 85387129355

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: 61.854+/-0.000 χ^2/NDF : 26041638449227718448142876135129088.0/1
 Right Out: -78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Left In: -76.868+/-0.000 χ^2/NDF : 0.0/0
 All: 10.305+/-0.000 χ^2/NDF : 229482914995

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 942.281+/-0.000

χ^2/NDF : 9862620487902604886305778237268033536.0/1

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

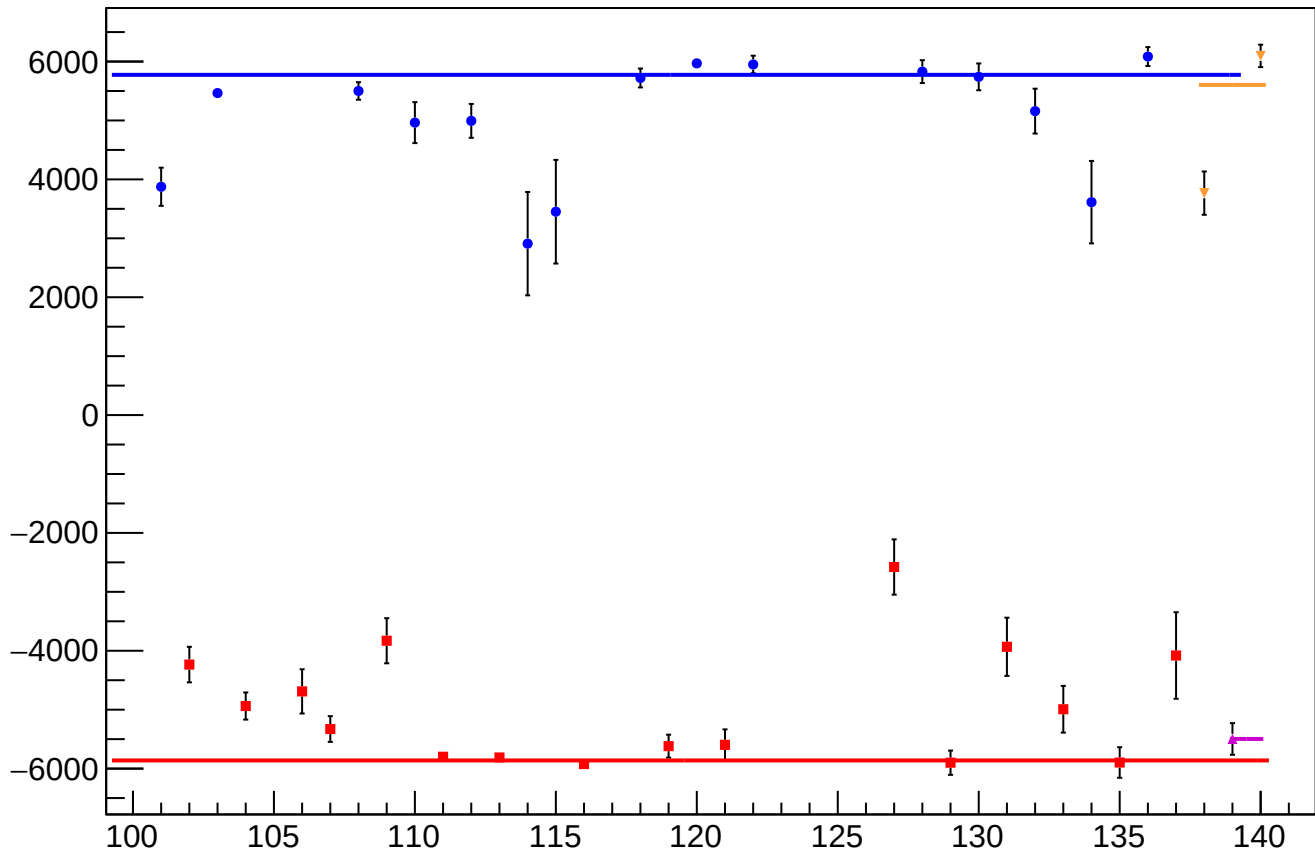
Out: -602.018+/-0.000

χ^2/NDF : 561857654150828

All: 52.225+/-0.000

χ^2/NDF : 1631017375555

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF : 1828526.5/14

Left Out: 5603.535+/-169.005 χ^2/NDF : 31.7/1

Right Out: -5861.461+/-0.140 χ^2/NDF : 180020.4/15

Left In: -5496.716+/-268.708 χ^2/NDF : 0.0/0

Left: 2457.142+/-143.061 χ^2/NDF : 1254.4/2

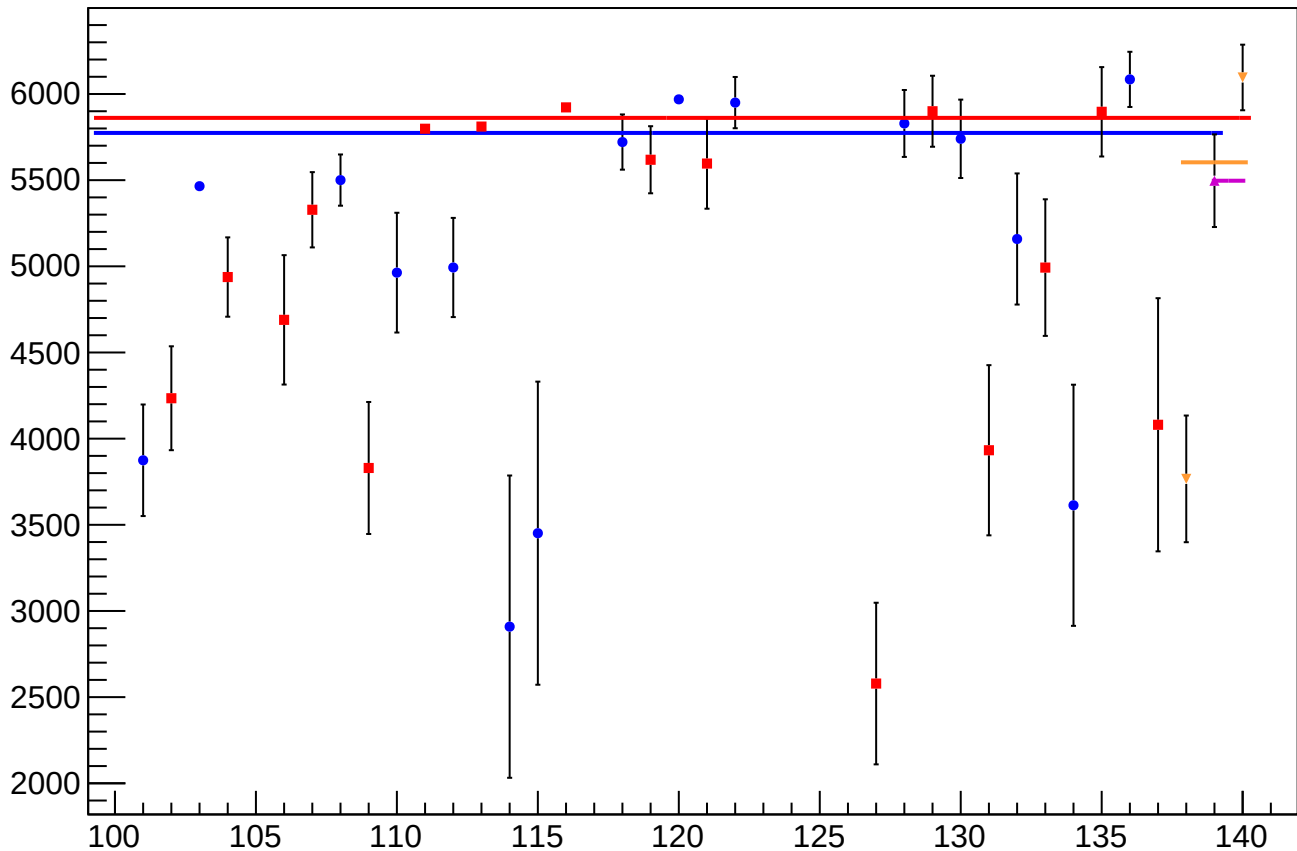
Right: -1536.191+/-0.111 χ^2/NDF : 2585354230.9/30

In: 5774.112+/-0.181 χ^2/NDF : 1830285.8/15

Out: -5861.453+/-0.140 χ^2/NDF : 184654.1/17

All: -1536.189+/-0.111 χ^2/NDF : 2585356264

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 5603.535 $\pm$ 169.005 χ^2 /NDF:31.7/1

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

Left In: 5496.716 $\pm$ 268.708 χ^2 /NDF:0.0/0

Left: 5573.257 $\pm$ 143.061 χ^2 /NDF: 31.8/2

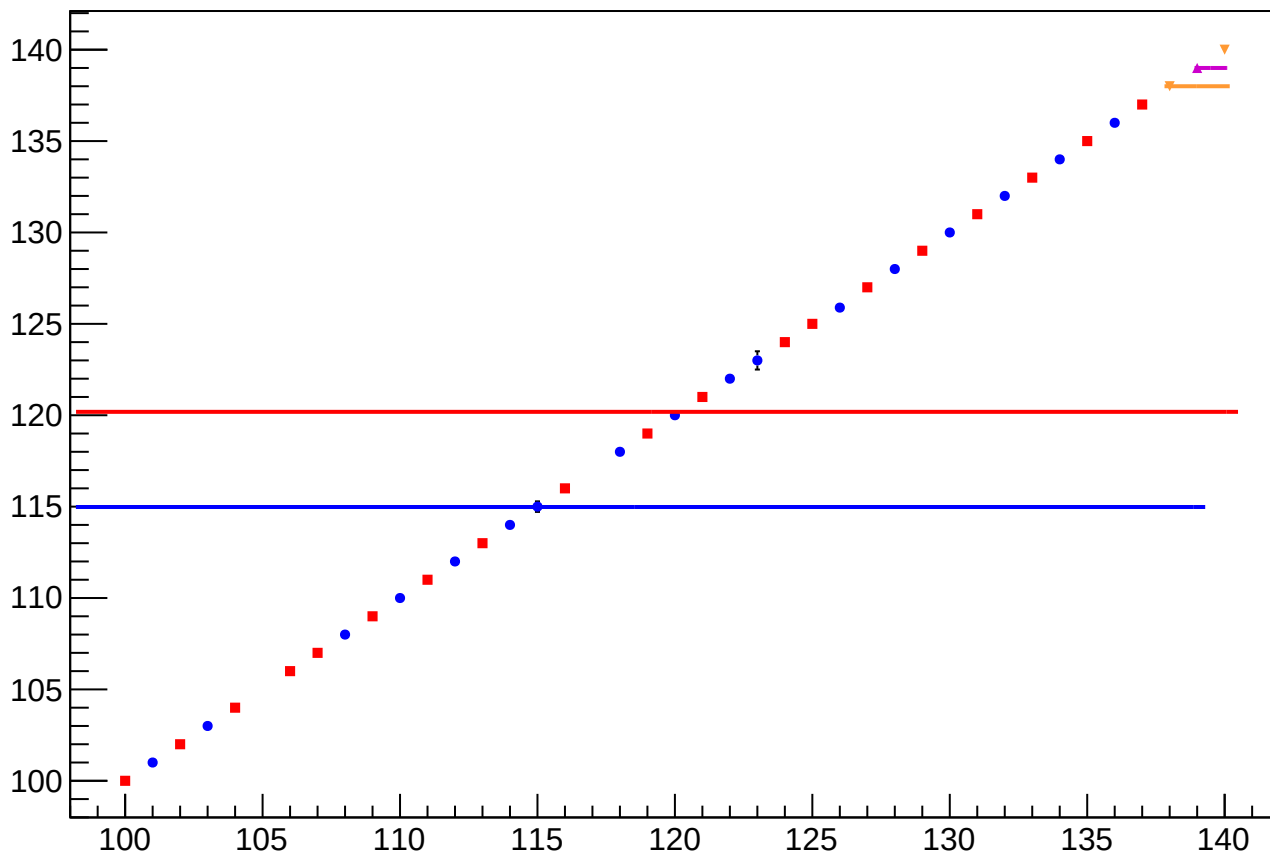
Right: 5828.993 $\pm$ 0.111 χ^2 /NDF: 2154118.4/30

In: 5774.117 $\pm$ 0.181 χ^2 /NDF:1828527.6/15

Out: 5861.461 $\pm$ 0.140 χ^2 /NDF:180054.4/17

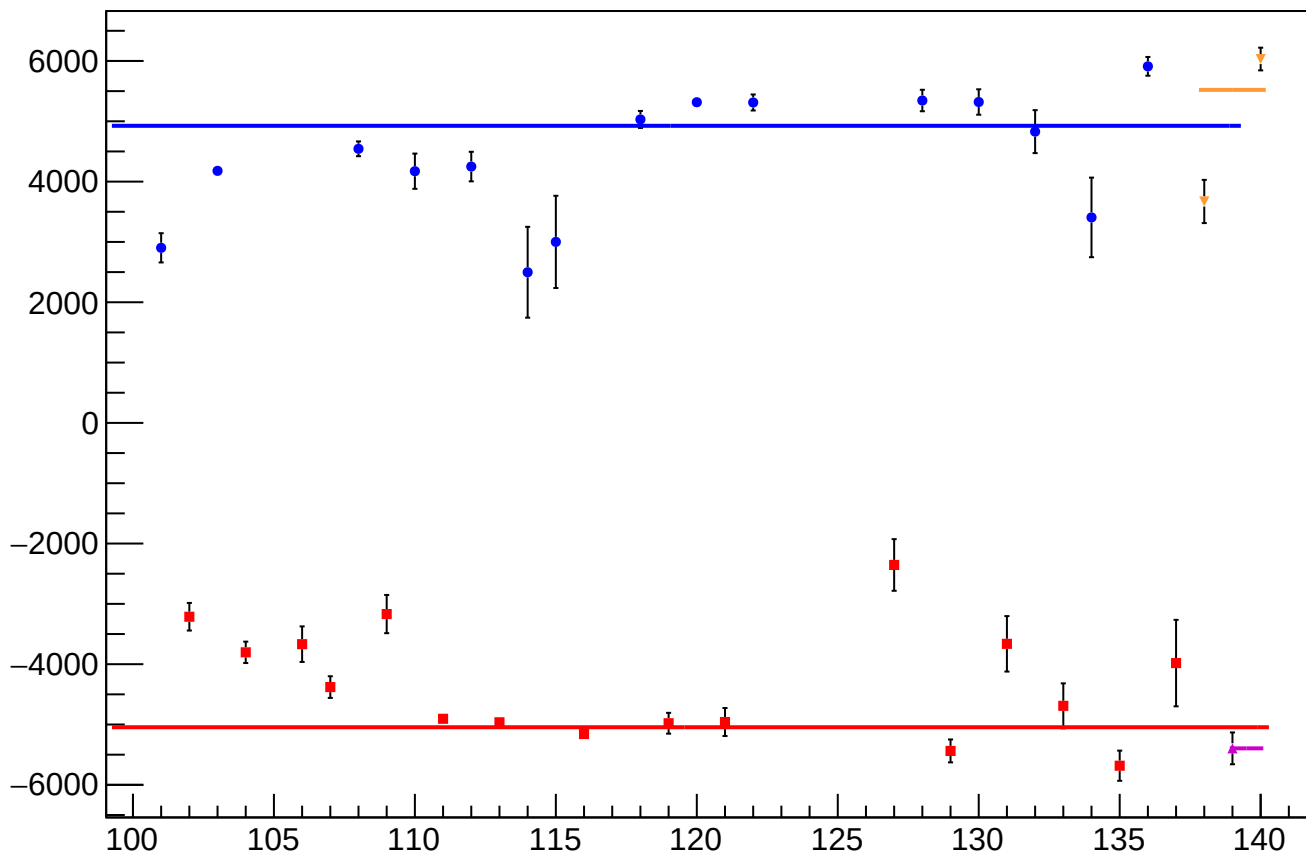
All: 5828.993 $\pm$ 0.111 χ^2 /NDF: 2154153.3/33

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 : 405.0/1
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 139.000+/-0.111 χ^2/NDF : 0.0/0
 All: 117.868+/-0.000 χ^2/NDF : 220949351482

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 5520.727 $\pm$ 166.695 χ^2 /NDF:34.0/1

Right Out: -5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

Left In: -5395.309 $\pm$ 263.770 χ^2 /NDF:0.0/0

Left: 2405.275 $\pm$ 140.914 χ^2 /NDF: 1257.9/2

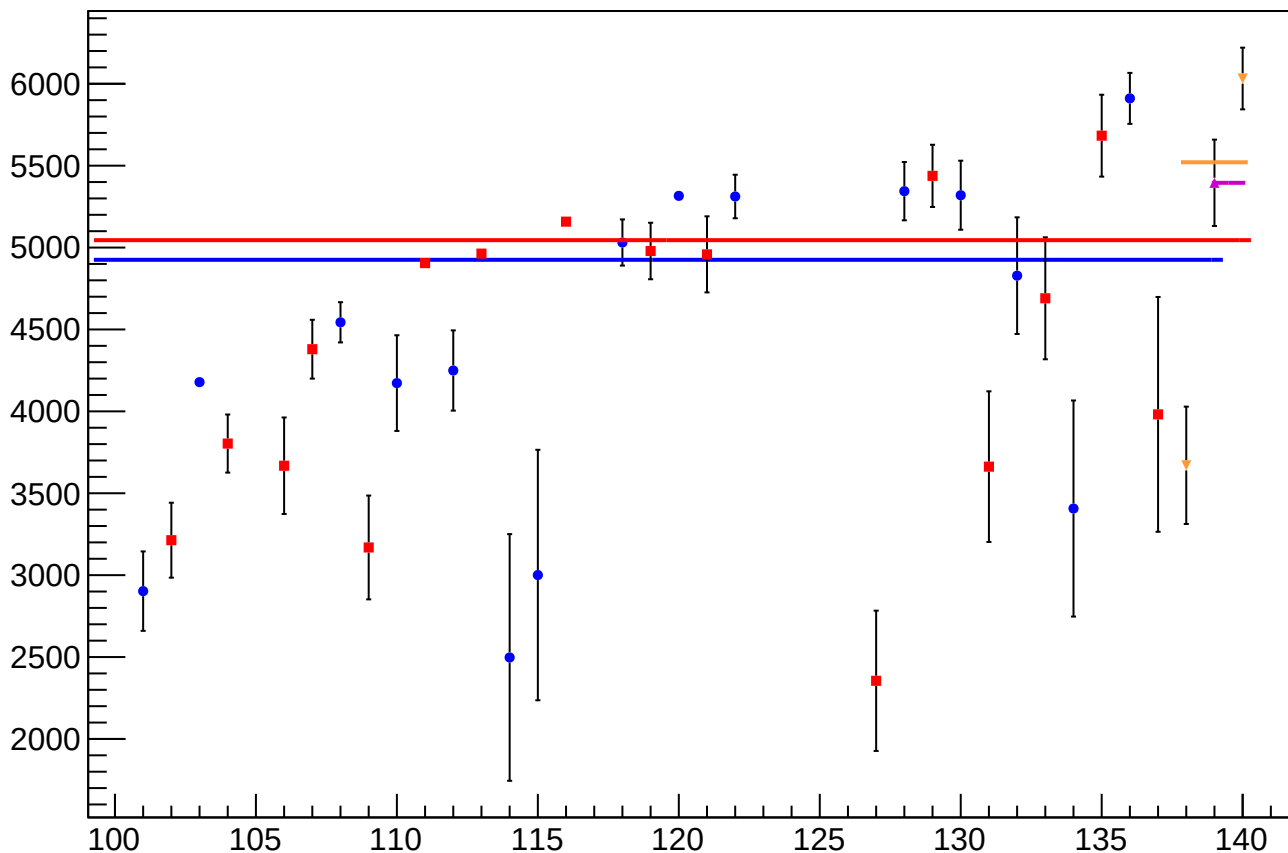
Right: -1694.510 $\pm$ 0.544 χ^2 /NDF: 75266282.5/30

In: 4925.175 $\pm$ 0.939 χ^2 /NDF:332525.5/15

Out: -5045.052 $\pm$ 0.668 χ^2 /NDF:34231.5/17

All: -1694.449 $\pm$ 0.544 χ^2 /NDF: 75268386.9/30

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 5520.727+/-166.695 χ^2/NDF :34.0/1

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

Left In: 5395.309+/-263.770 χ^2/NDF :0.0/0

Left: 5484.932+/-140.914 χ^2/NDF : 34.2/2

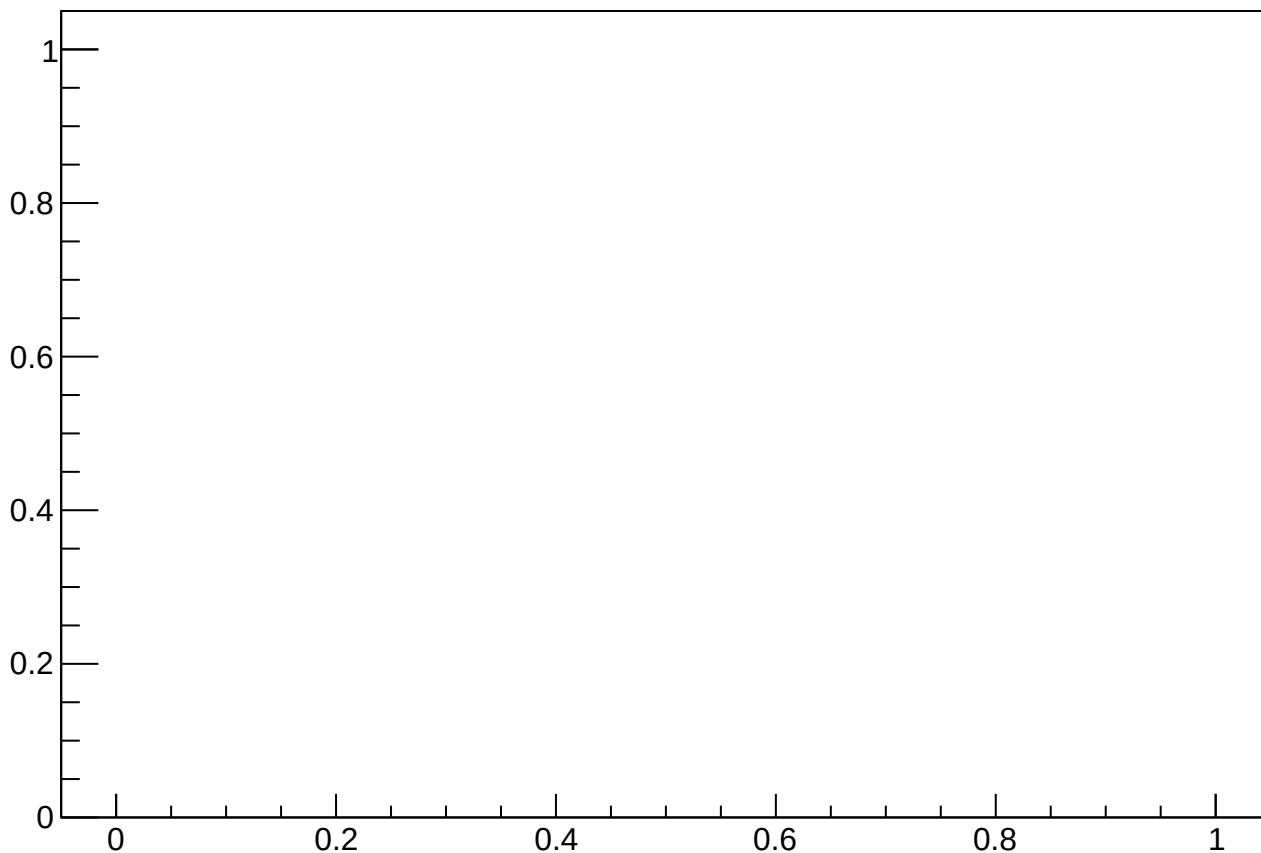
Right: 5004.922+/-0.544 χ^2/NDF : 372009.4/30

In: 4925.311+/-0.939 χ^2/NDF :330997.8/15

Out: 5045.229+/-0.668 χ^2/NDF :30222.1/17

All: 5004.929+/-0.544 χ^2/NDF : 372055.3/33

dit_scandata1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

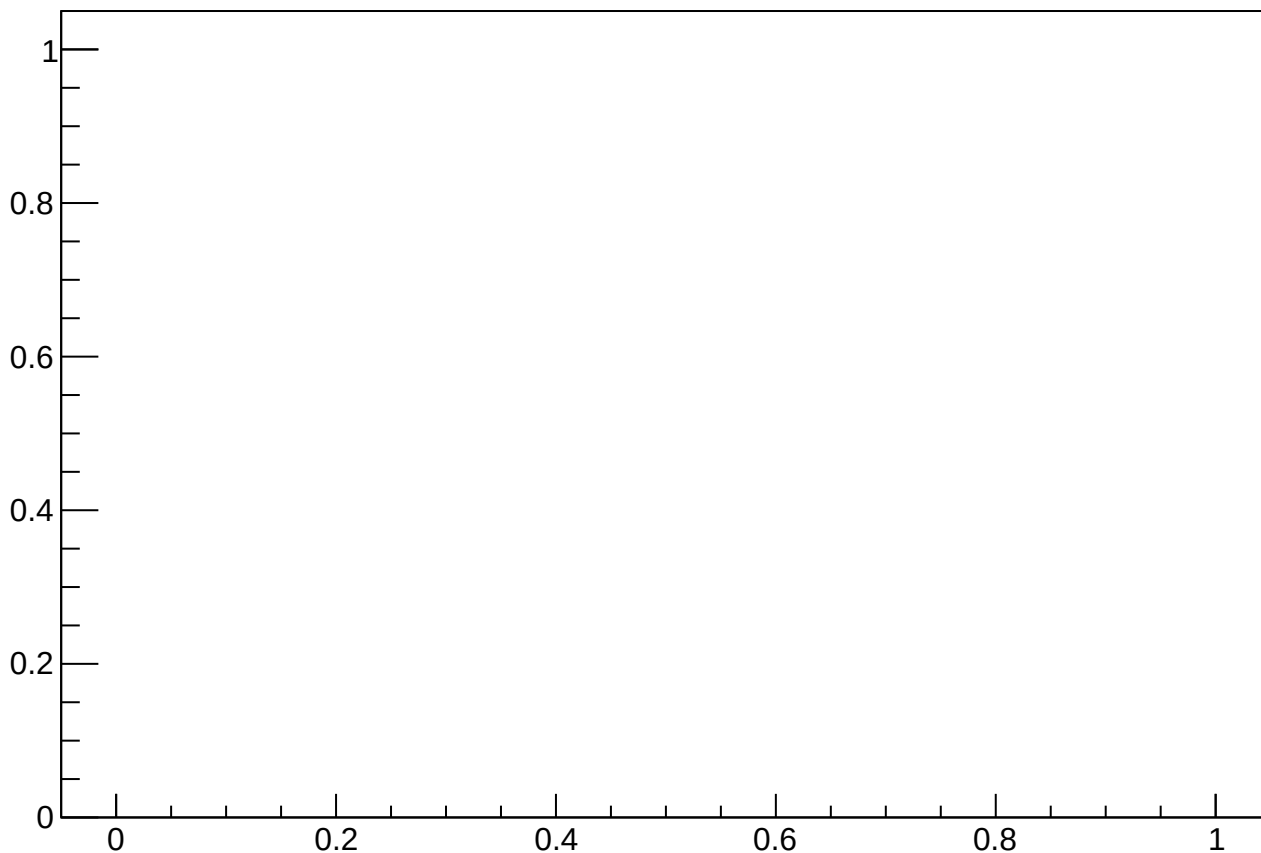
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

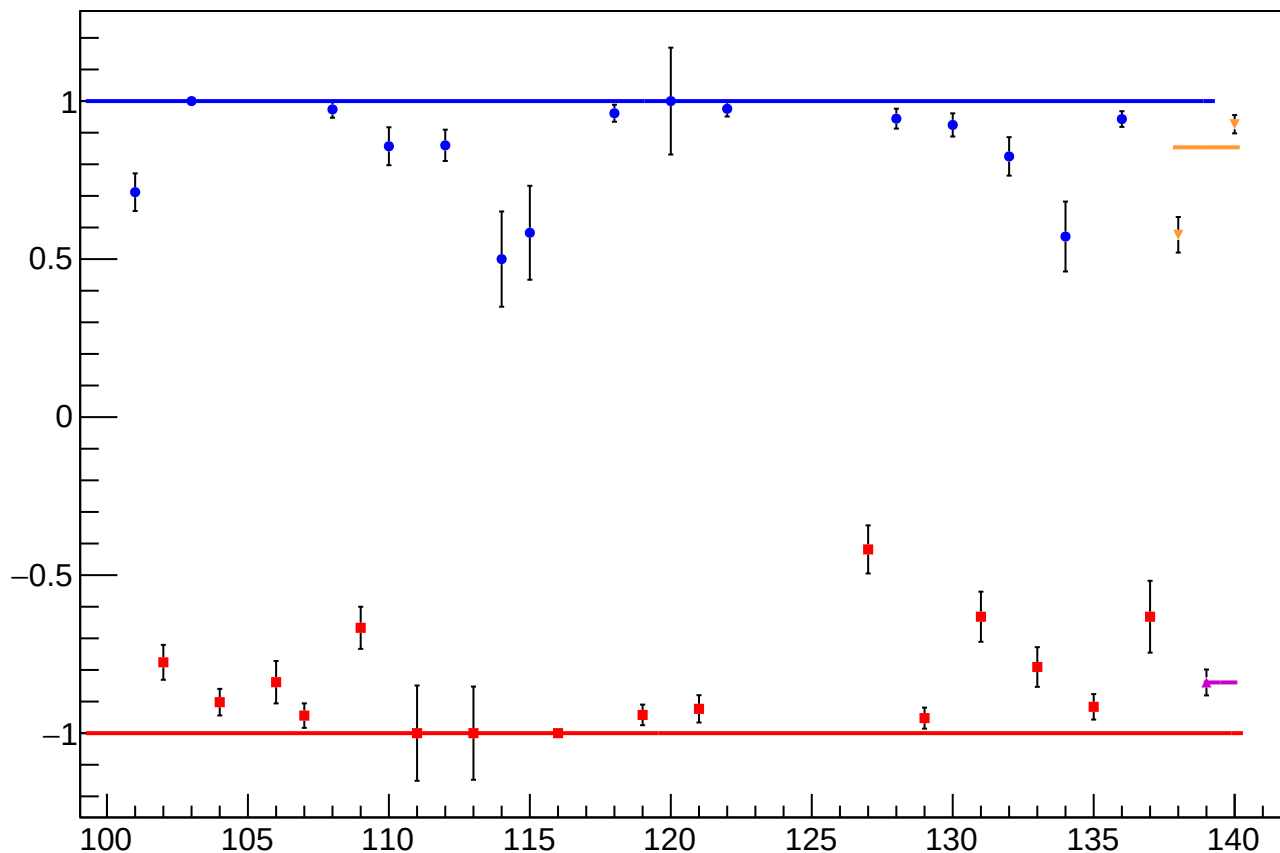
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.854+/-0.026 χ^2/NDF :30.6/1

Right Out: -1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: -0.840+/-0.041 χ^2/NDF :0.0/0

Left: 0.376+/-0.022 χ^2/NDF : 1252.4/2

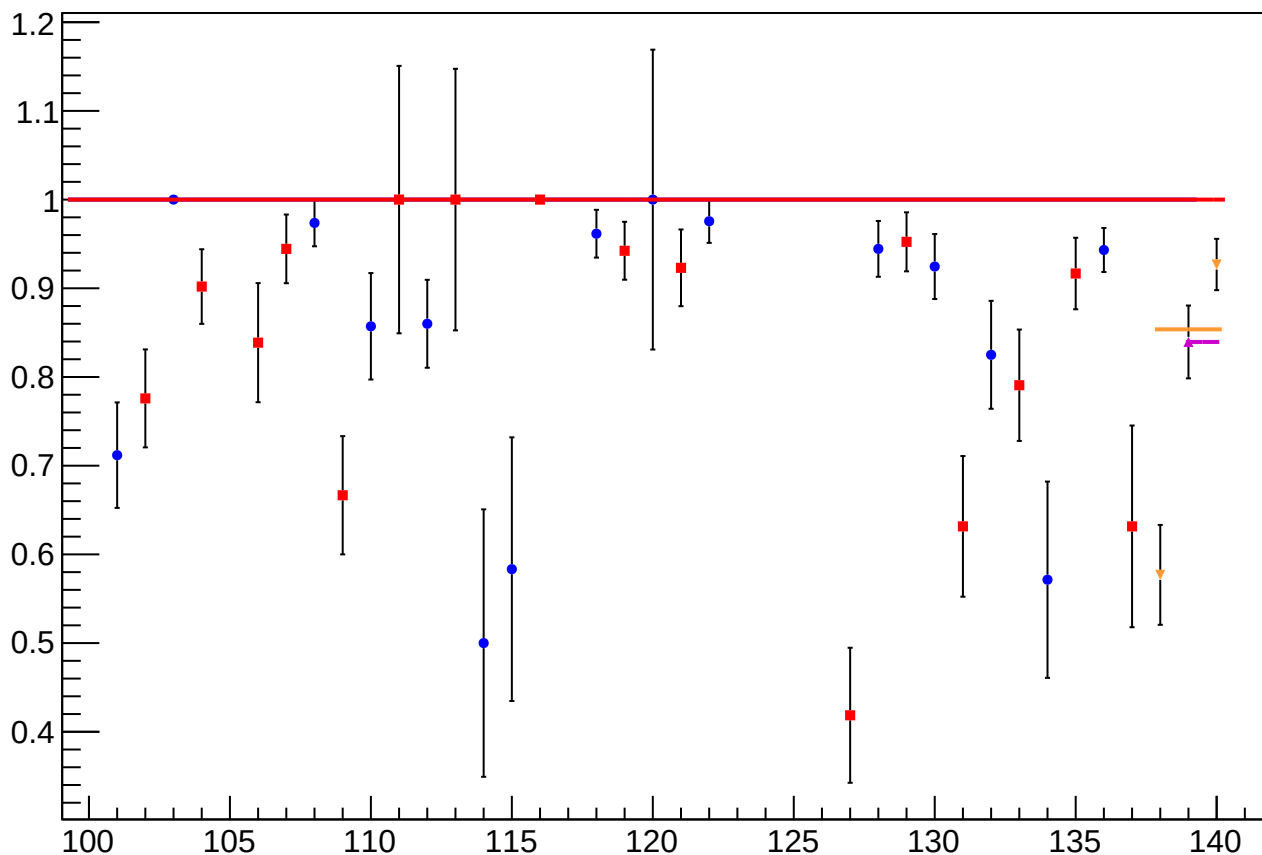
Right: 0.398+/-0.000 χ^2/NDF : 14173250084479480

In: 1.000+/-0.000 χ^2/NDF :2105.0/15

Out: -1.000+/-0.000 χ^2/NDF :5387.7/17

All: 0.398+/-0.000 χ^2/NDF : 14173250084479

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.854+/-0.026 χ^2/NDF : 30.6/1

Right Out: 1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: 0.840+/-0.041 χ^2/NDF : 0.0/0

Left: 0.850+/-0.022 χ^2/NDF : 30.6/2

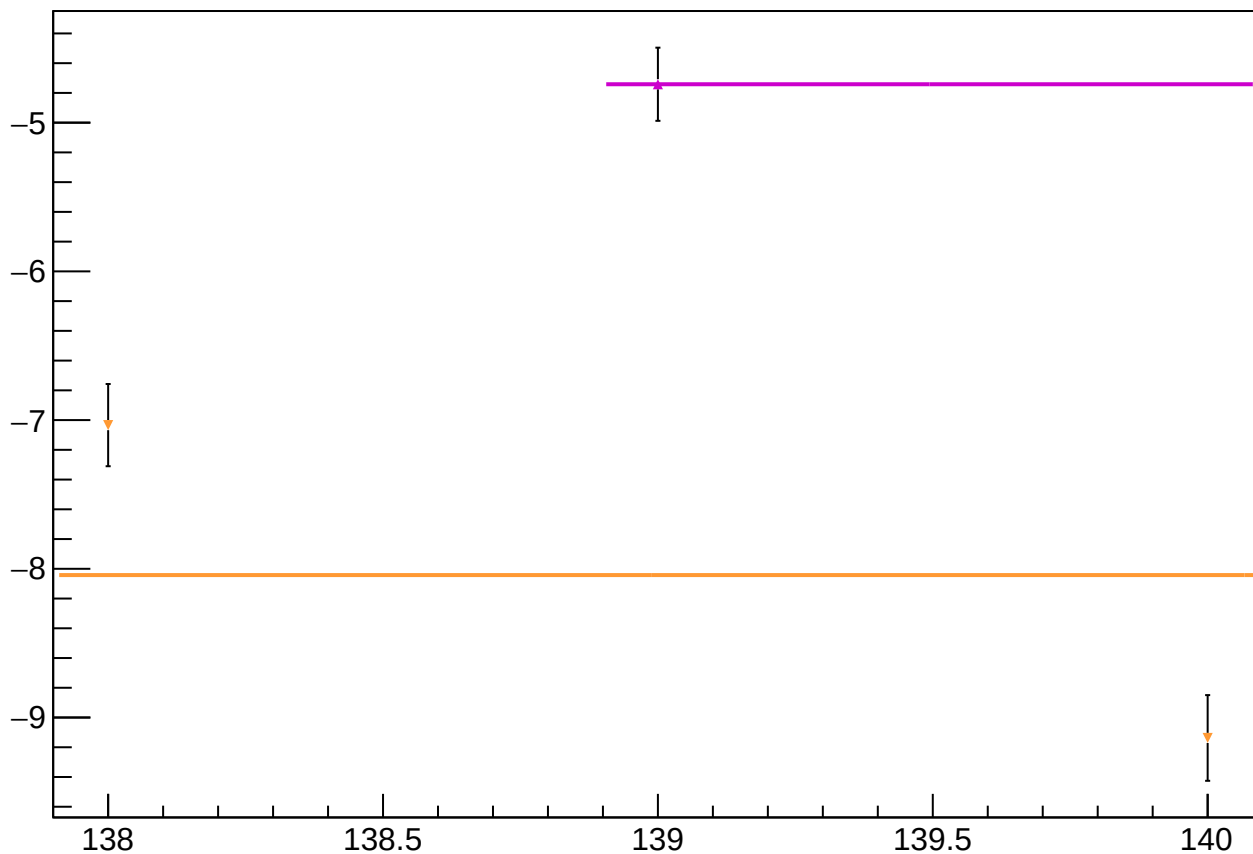
Right: 1.000+/-0.000 χ^2/NDF : 347.8/30

In: 1.000+/-0.000 χ^2/NDF : 111.2/15

Out: 1.000+/-0.000 χ^2/NDF : 231.7/17

All: 1.000+/-0.000 χ^2/NDF : 425.9/33

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.042+/-0.199 χ^2/NDF : 27.8/1

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

Left In: -4.742+/-0.246 χ^2/NDF : 0.0/0

Left: -6.733+/-0.155 χ^2/NDF : 136.4/2

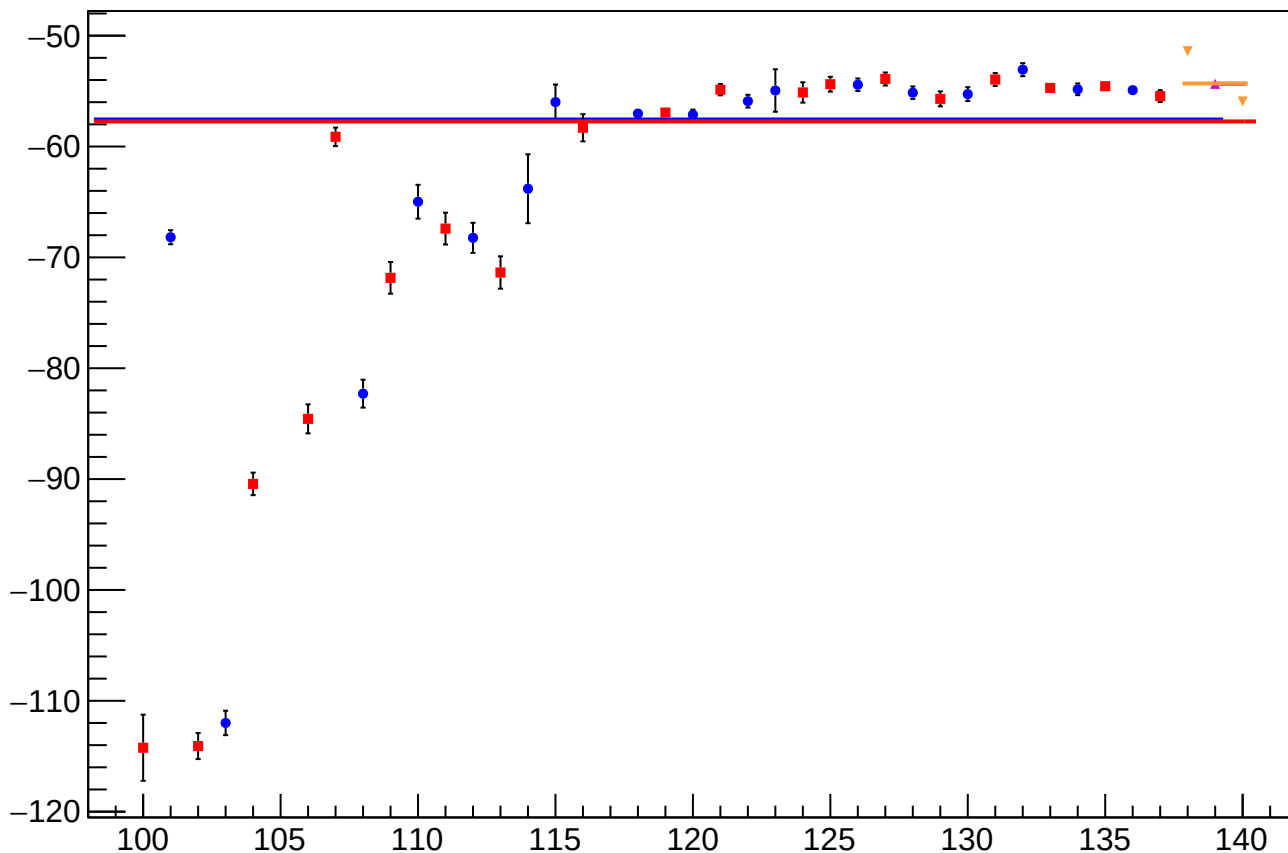
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.742+/-0.246 χ^2/NDF : 0.0/0

Out: -8.042+/-0.199 χ^2/NDF : 27.8/1

All: -6.733+/-0.155 χ^2/NDF : 136.4/2

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -54.312 ± 0.193 χ^2/NDF : 126.9/1

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

Left In: -54.340 ± 0.445 χ^2/NDF : 0.0/0

Left: -54.317 ± 0.177 χ^2/NDF : 126.9/2

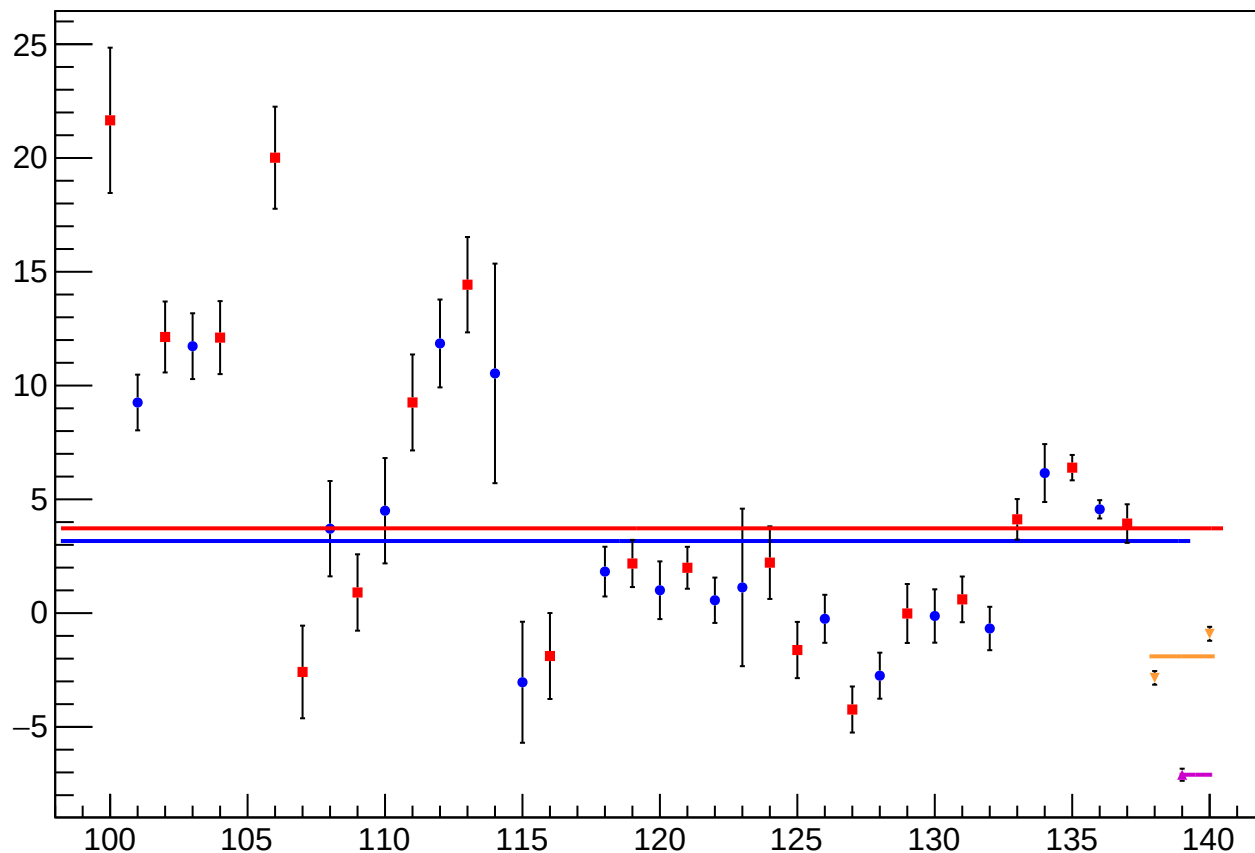
Right: -57.649 ± 0.101 χ^2/NDF : 8155.1/35

In: -57.267 ± 0.135 χ^2/NDF : 3503.6/17

Out: -56.522 ± 0.115 χ^2/NDF : 5028.5/20

All: -56.836 ± 0.087 χ^2/NDF : 8549.9/38

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -1.899 ± 0.215 χ^2/NDF : 20.3/1

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

Left In: -7.102 ± 0.266 χ^2/NDF : 0.0/0

Left: -3.949 ± 0.167 χ^2/NDF : 251.9/2

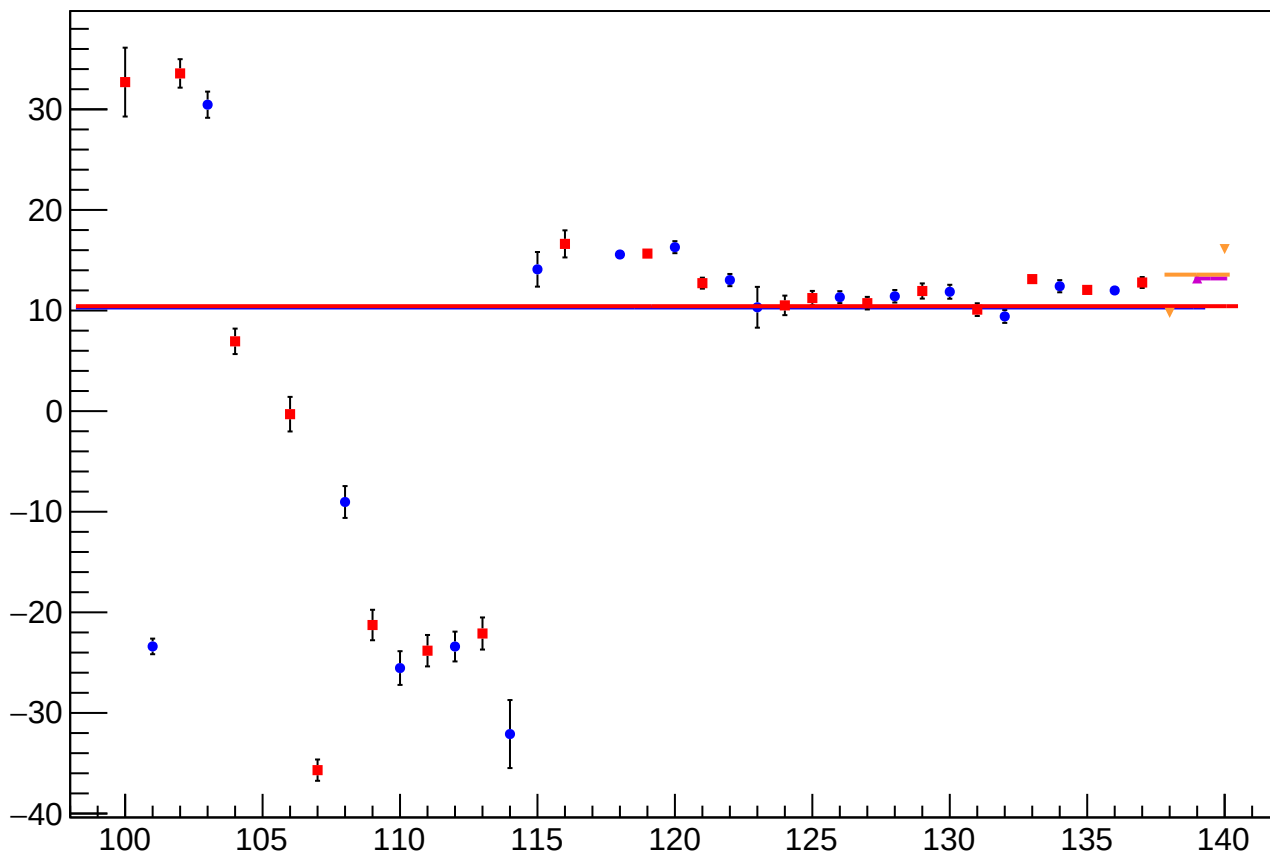
Right: 3.437 ± 0.185 χ^2/NDF : 511.7/35

In: -1.802 ± 0.185 χ^2/NDF : 954.6/17

Out: 0.308 ± 0.167 χ^2/NDF : 613.2/20

All: -0.640 ± 0.124 χ^2/NDF : 1639.2/38

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: 13.569 $\pm$ 0.224 χ^2 /NDF:192.8/1

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

Left In: 13.192 $\pm$ 0.428 χ^2 /NDF:0.0/0

Left: 13.488 $\pm$ 0.198 χ^2 /NDF: 193.4/2

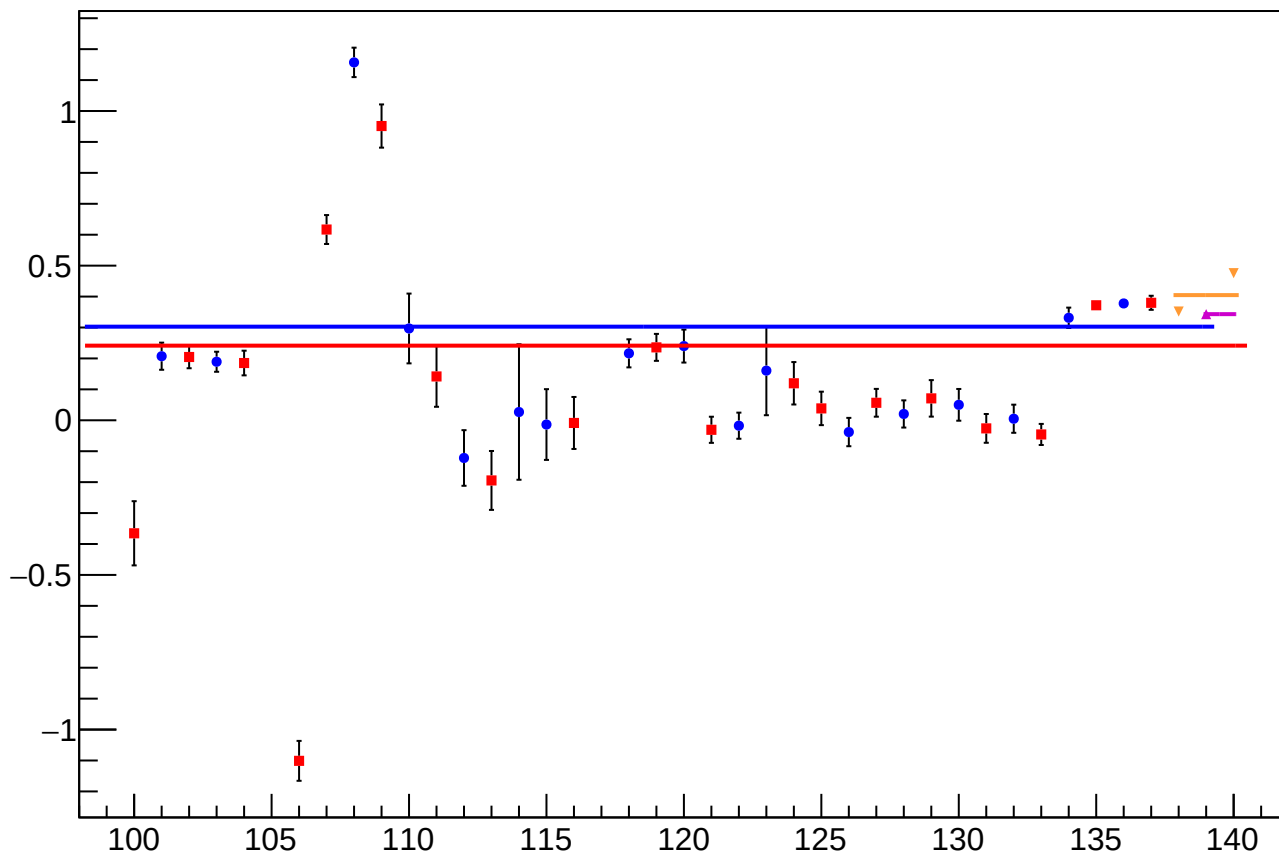
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7541.1/35

In: 10.647 $\pm$ 0.147 χ^2 /NDF:3752.3/17

Out: 11.493 $\pm$ 0.130 χ^2 /NDF:4151.3/20

All: 11.122 $\pm$ 0.097 χ^2 /NDF: 7922.2/38

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: 0.405 $\pm$ 0.009 χ^2 /NDF: 49.7/1

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

Left In: 0.343 $\pm$ 0.009 χ^2 /NDF: 0.0/0

Left: 0.376 $\pm$ 0.006 χ^2 /NDF: 72.7/2

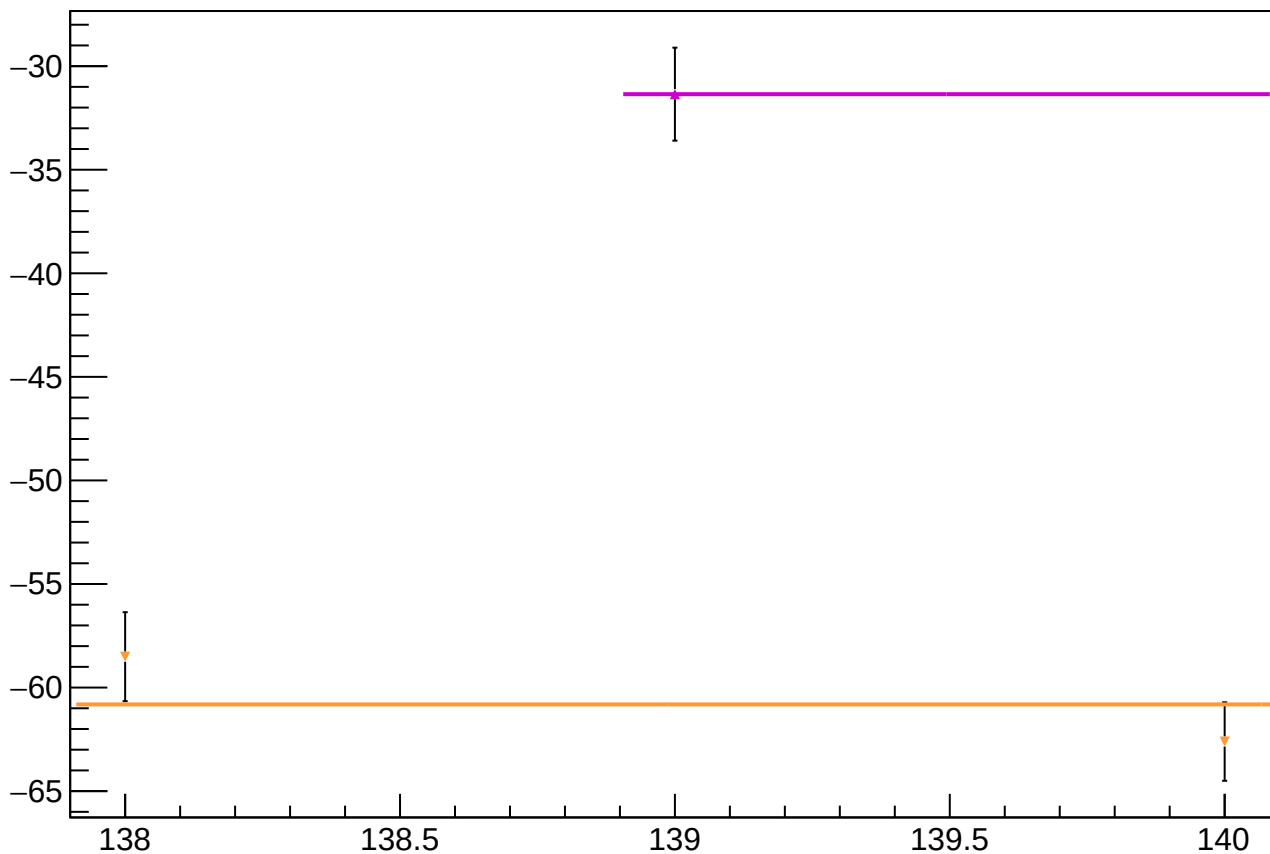
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1660.4/35

In: 0.320 $\pm$ 0.006 χ^2 /NDF: 657.1/17

Out: 0.321 $\pm$ 0.006 χ^2 /NDF: 1216.9/20

All: 0.321 $\pm$ 0.004 χ^2 /NDF: 1874.0/38

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

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

Left In: -31.352+/-2.244 χ^2/NDF : 0.0/0

Left: -52.380+/-1.201 χ^2/NDF : 125.0/2

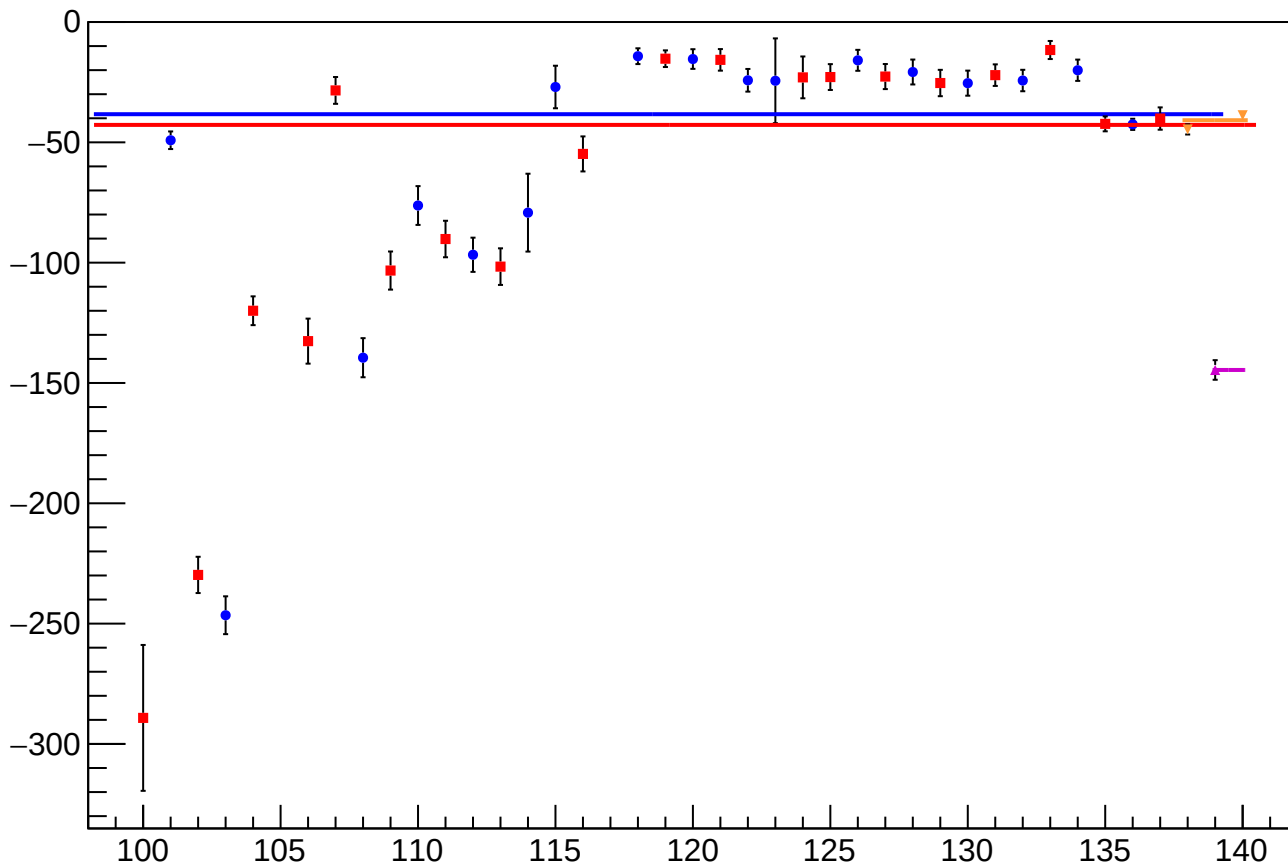
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.352+/-2.244 χ^2/NDF : 0.0/0

Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

All: -52.380+/-1.201 χ^2/NDF : 125.0/2

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 $\pm$ 1.137 χ^2 /NDF: 1132.7/16

Left Out: -40.816 $\pm$ 1.247 χ^2 /NDF: 5.1/1

Right Out: -42.756 $\pm$ 1.211 χ^2 /NDF: 1341.6/18

Left In: -144.594 $\pm$ 4.071 χ^2 /NDF: 0.0/0

Left: -49.721 $\pm$ 1.193 χ^2 /NDF: 599.1/2

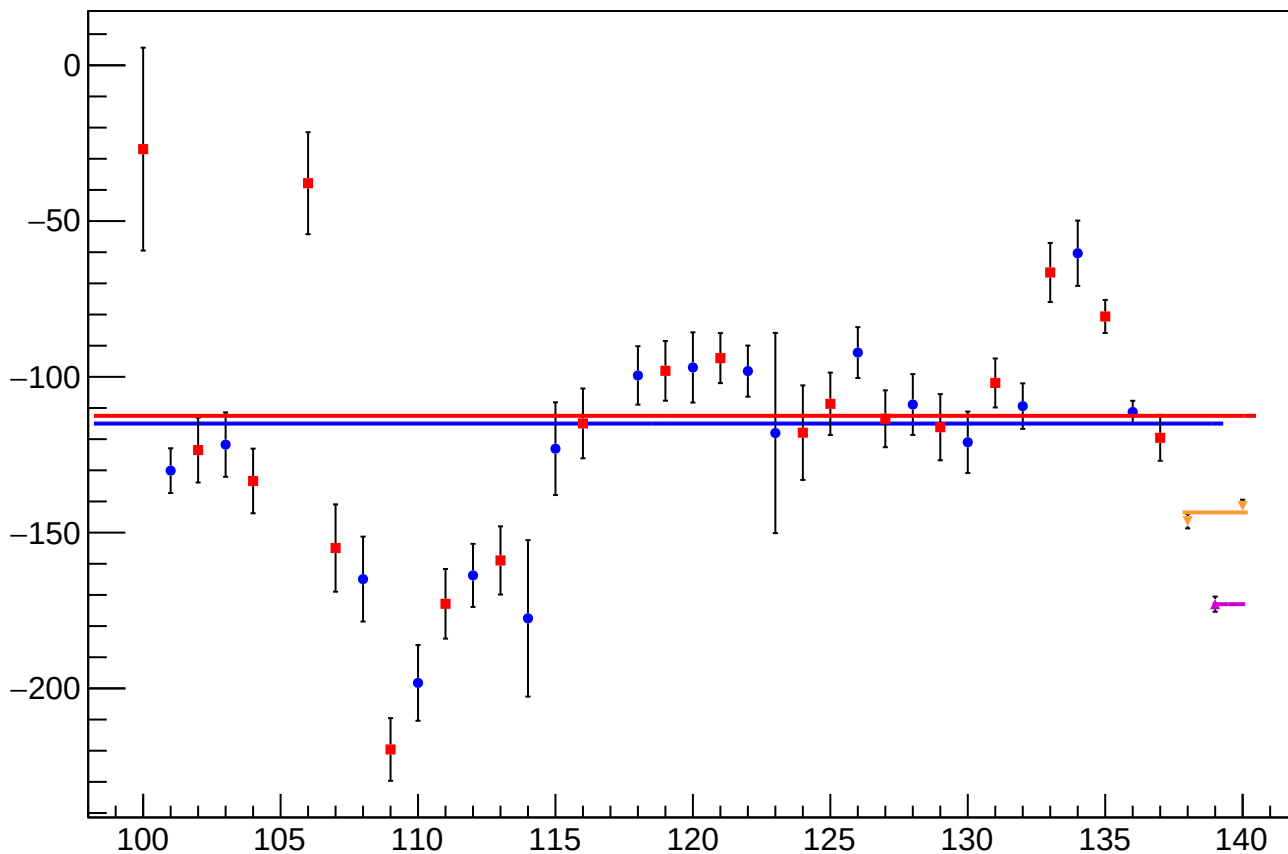
Right: -40.393 $\pm$ 0.829 χ^2 /NDF: 2481.4/35

In: -45.998 $\pm$ 1.095 χ^2 /NDF: 1764.9/17

Out: -41.815 $\pm$ 0.869 χ^2 /NDF: 1347.9/20

All: -43.431 $\pm$ 0.681 χ^2 /NDF: 3121.7/38

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996 ± 2.072 χ^2/NDF : 141.8/16

Left Out: -143.529 ± 1.525 χ^2/NDF : 2.5/1

Right Out: -112.510 ± 2.207 χ^2/NDF : 273.1/18

Left In: -172.979 ± 2.428 χ^2/NDF : 0.0/0

Left: -151.862 ± 1.292 χ^2/NDF : 108.0/2

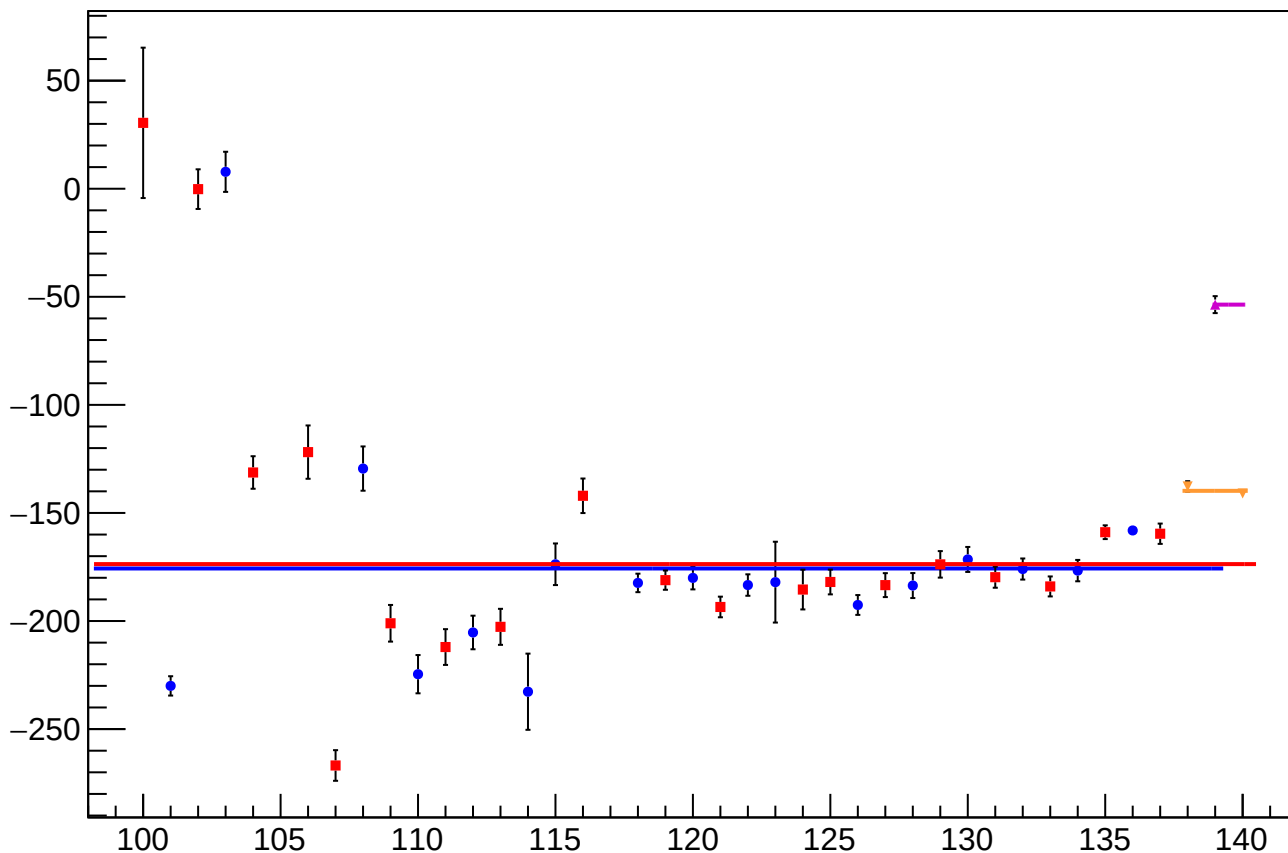
Right: -113.831 ± 1.511 χ^2/NDF : 415.6/35

In: -139.433 ± 1.576 χ^2/NDF : 471.7/17

Out: -133.500 ± 1.255 χ^2/NDF : 409.3/20

All: -135.802 ± 0.982 χ^2/NDF : 889.7/38

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -139.772 ± 1.481 χ^2/NDF : 1.1/1

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

Left In: -53.620 ± 3.922 χ^2/NDF : 0.0/0

Left: -129.013 ± 1.386 χ^2/NDF : 423.5/2

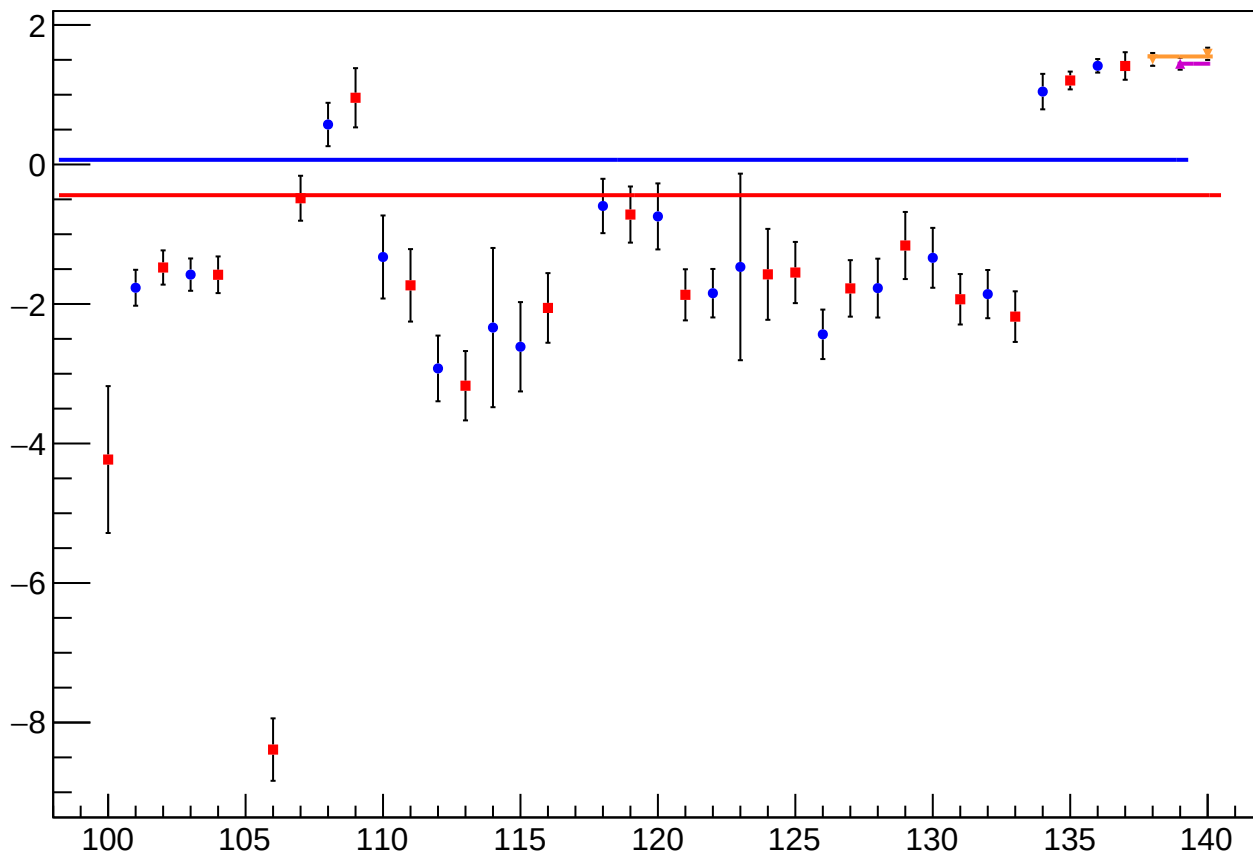
Right: -174.749 ± 0.926 χ^2/NDF : 1431.8/35

In: -164.148 ± 1.206 χ^2/NDF : 1570.3/17

Out: -158.217 ± 1.000 χ^2/NDF : 1023.7/20

All: -160.633 ± 0.770 χ^2/NDF : 2608.3/38

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.548 ± 0.064 χ^2/NDF : 0.4/1

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

Left In: 1.445 ± 0.086 χ^2/NDF : 0.0/0

Left: 1.512 ± 0.051 χ^2/NDF : 1.3/2

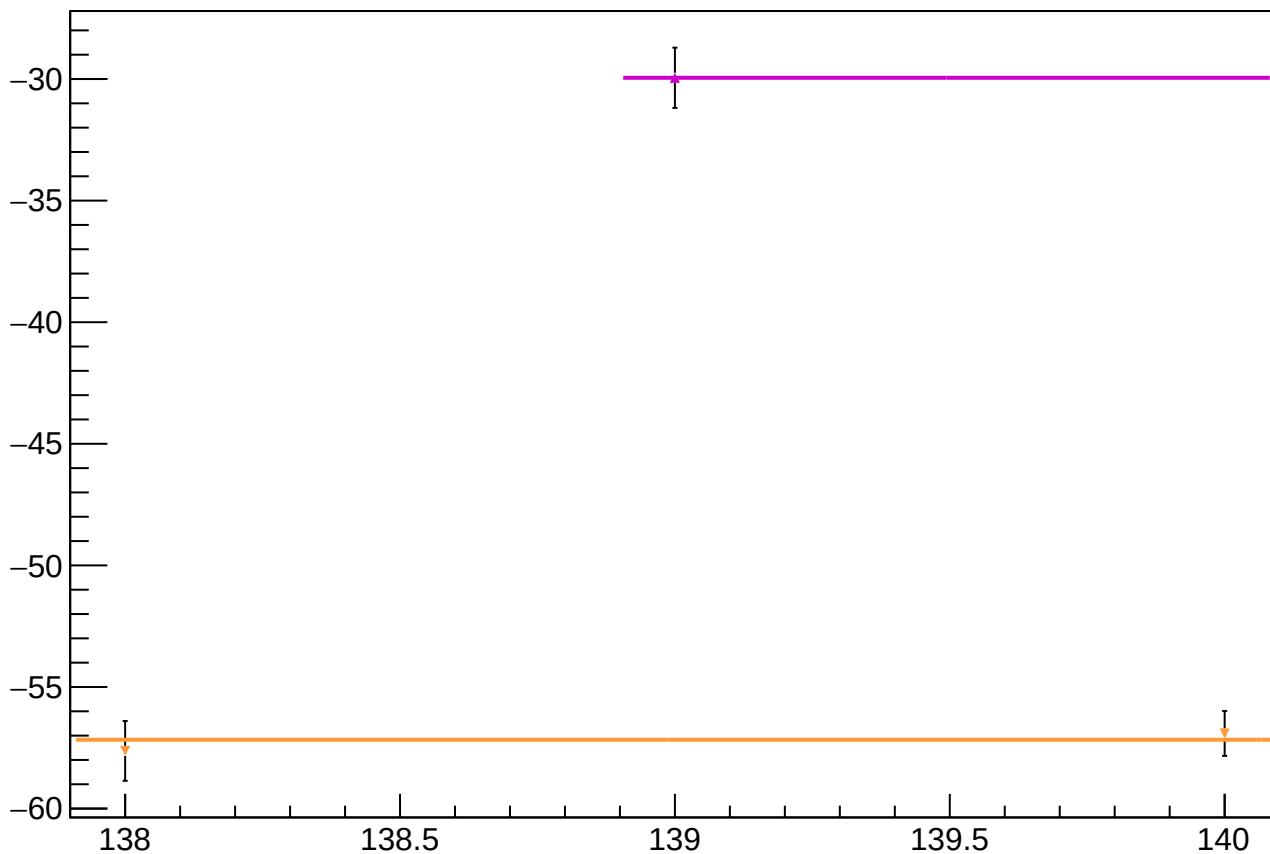
Right: -0.172 ± 0.049 χ^2/NDF : 1308.0/35

In: 0.588 ± 0.053 χ^2/NDF : 686.2/17

Out: 0.663 ± 0.047 χ^2/NDF : 1189.3/20

All: 0.630 ± 0.035 χ^2/NDF : 1876.6/38

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -57.169 $\pm$ 0.738 χ^2 /NDF: 0.2/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -29.949 $\pm$ 1.238 χ^2 /NDF: 0.0/0

Left: -50.036 $\pm$ 0.634 χ^2 /NDF: 356.8/2

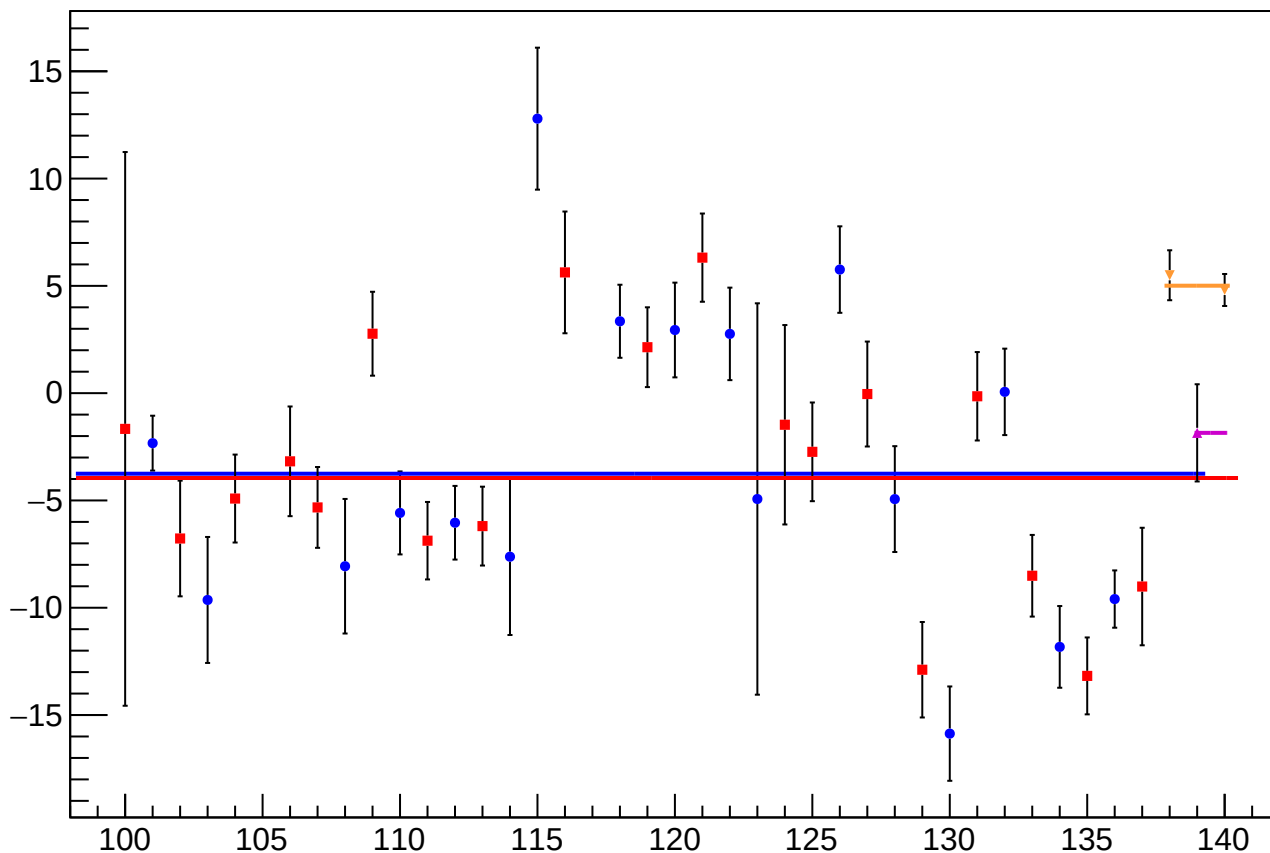
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -29.949 $\pm$ 1.238 χ^2 /NDF: 0.0/0

Out: -57.169 $\pm$ 0.738 χ^2 /NDF: 0.2/1

All: -50.036 $\pm$ 0.634 χ^2 /NDF: 356.8/2

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: 5.008 ± 0.628 χ^2/NDF : 0.2/1

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

Left In: -1.850 ± 2.265 χ^2/NDF : 0.0/0

Left: 4.518 ± 0.605 χ^2/NDF : 8.8/2

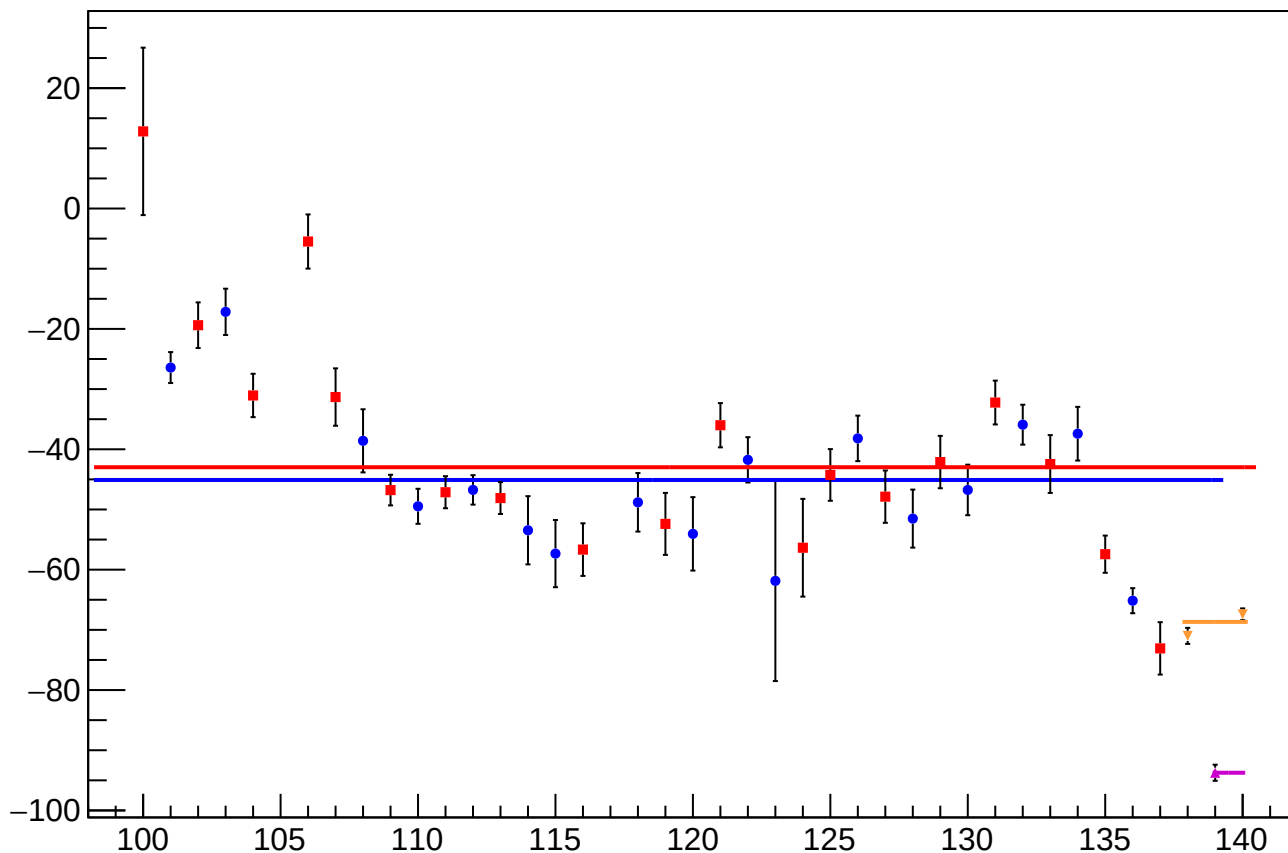
Right: -3.852 ± 0.354 χ^2/NDF : 288.7/35

In: -3.667 ± 0.484 χ^2/NDF : 166.0/17

Out: -0.417 ± 0.394 χ^2/NDF : 246.9/20

All: -1.715 ± 0.306 χ^2/NDF : 440.0/38

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -68.678 ± 0.791 χ^2/NDF : 4.7/1

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

Left In: -93.739 ± 1.338 χ^2/NDF : 0.0/0

Left: -75.165 ± 0.681 χ^2/NDF : 264.8/2

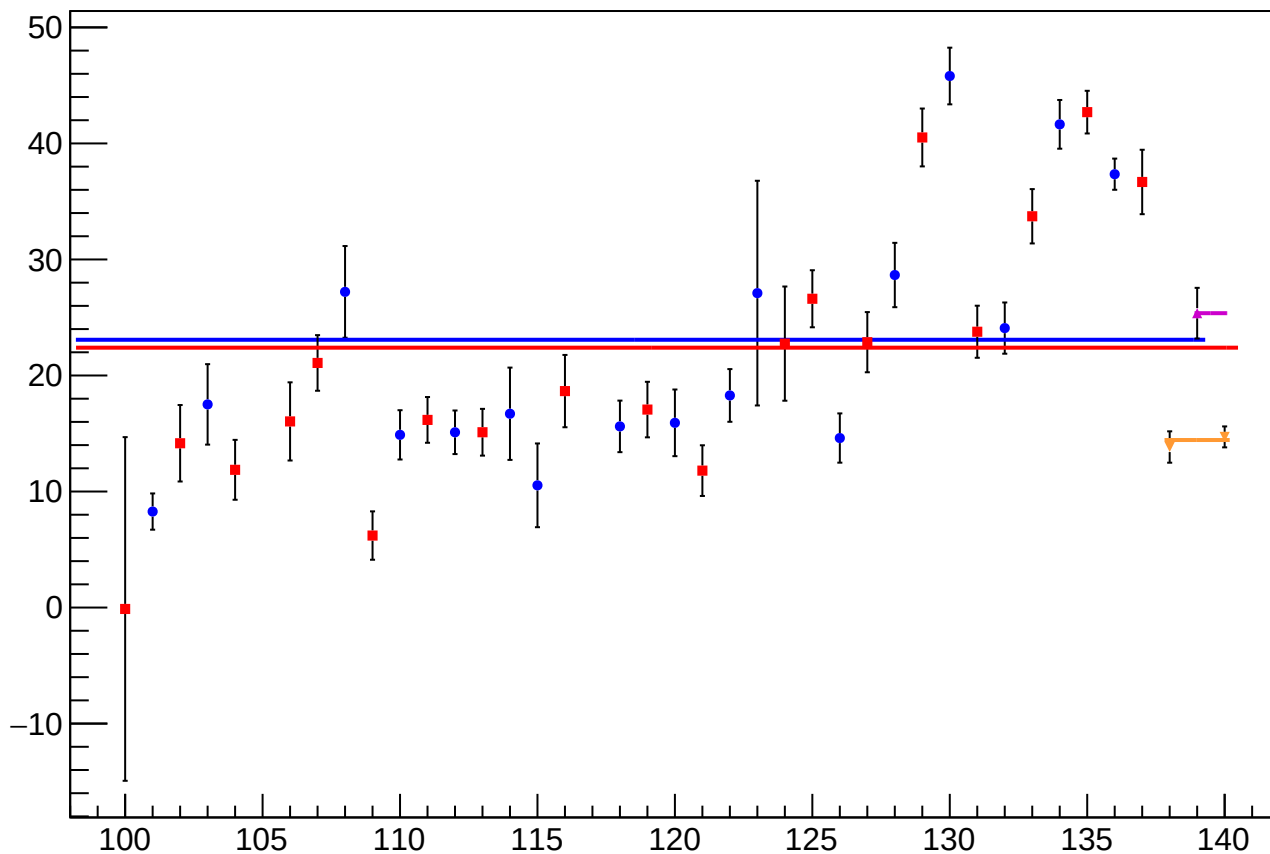
Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35

In: -59.810 ± 0.736 χ^2/NDF : 1151.9/17

Out: -57.161 ± 0.587 χ^2/NDF : 727.0/20

All: -58.192 ± 0.459 χ^2/NDF : 1886.9/38

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: 14.439 $\pm$ 0.751 χ^2 /NDF:0.3/1

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

Left In: 25.370 $\pm$ 2.184 χ^2 /NDF:0.0/0

Left: 15.594 $\pm$ 0.710 χ^2 /NDF: 22.7/2

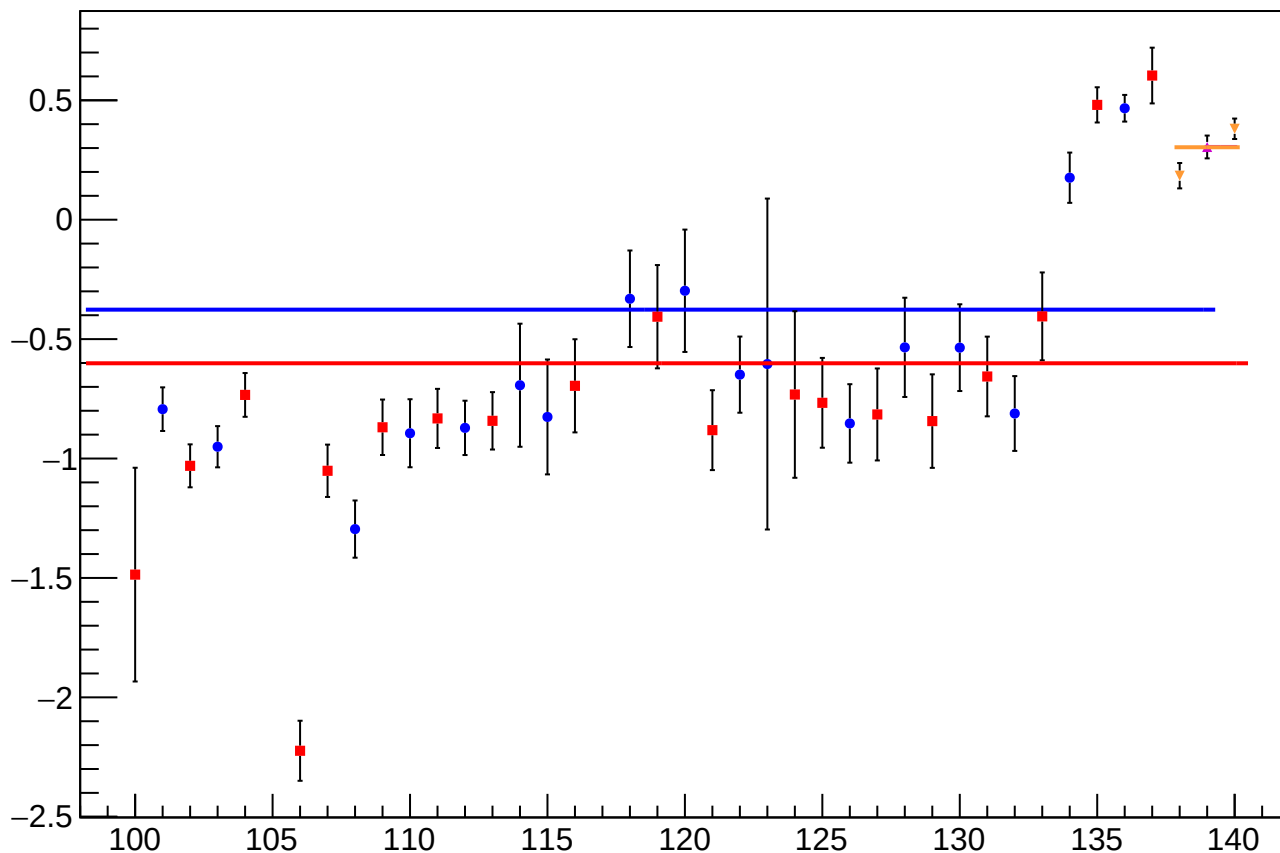
Right: 22.748 $\pm$ 0.399 χ^2 /NDF: 832.1/35

In: 23.218 $\pm$ 0.539 χ^2 /NDF:462.2/17

Out: 19.472 $\pm$ 0.455 χ^2 /NDF:441.6/20

All: 21.033 $\pm$ 0.348 χ^2 /NDF: 932.0/38

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.303 ± 0.033 χ^2/NDF : 8.3/1

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

Left In: 0.305 ± 0.048 χ^2/NDF : 0.0/0

Left: 0.304 ± 0.027 χ^2/NDF : 8.3/2

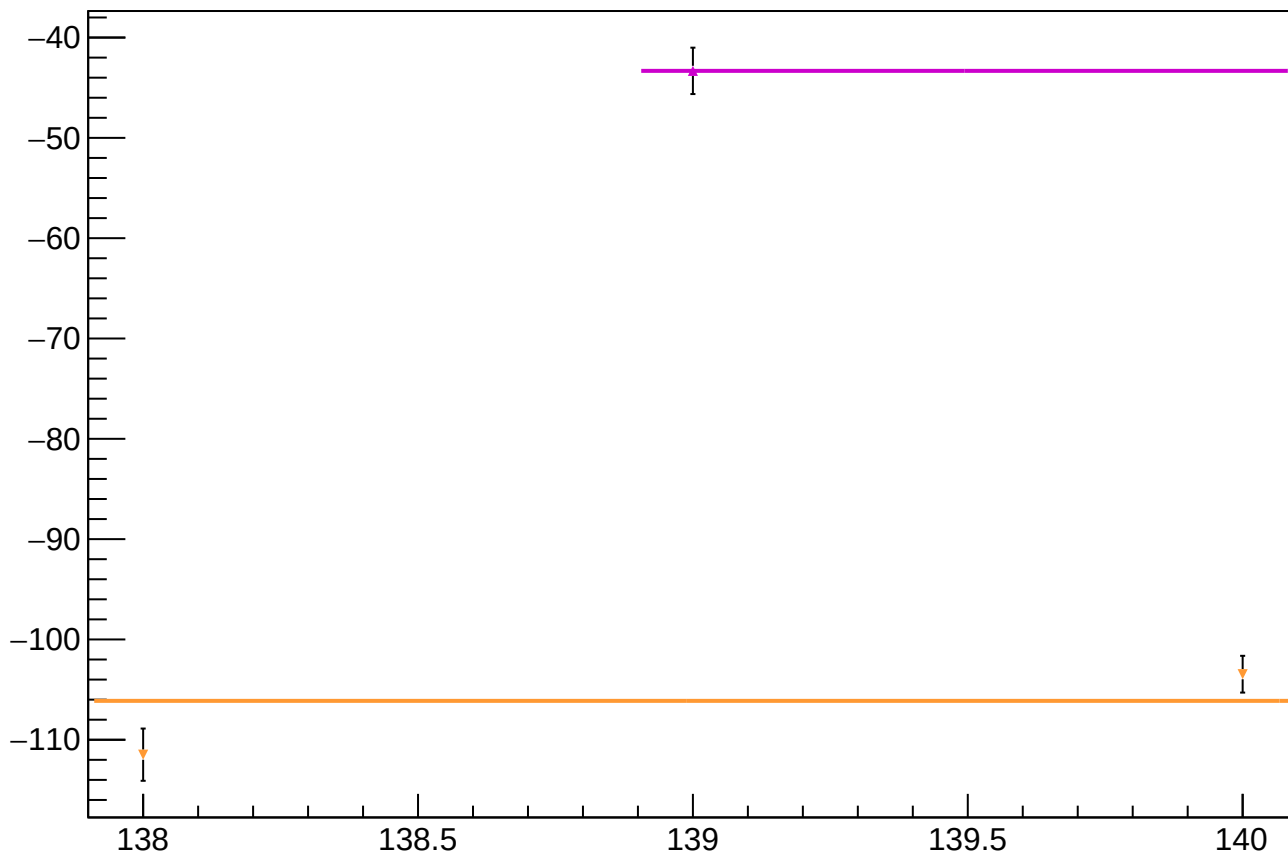
Right: -0.489 ± 0.021 χ^2/NDF : 1020.5/35

In: -0.183 ± 0.025 χ^2/NDF : 582.9/17

Out: -0.194 ± 0.022 χ^2/NDF : 968.7/20

All: -0.189 ± 0.017 χ^2/NDF : 1551.7/38

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -106.121+/-1.499 χ^2/NDF : 6.3/1

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

Left In: -43.321+/-2.312 χ^2/NDF : 0.0/0

Left: -87.539+/-1.258 χ^2/NDF : 525.9/2

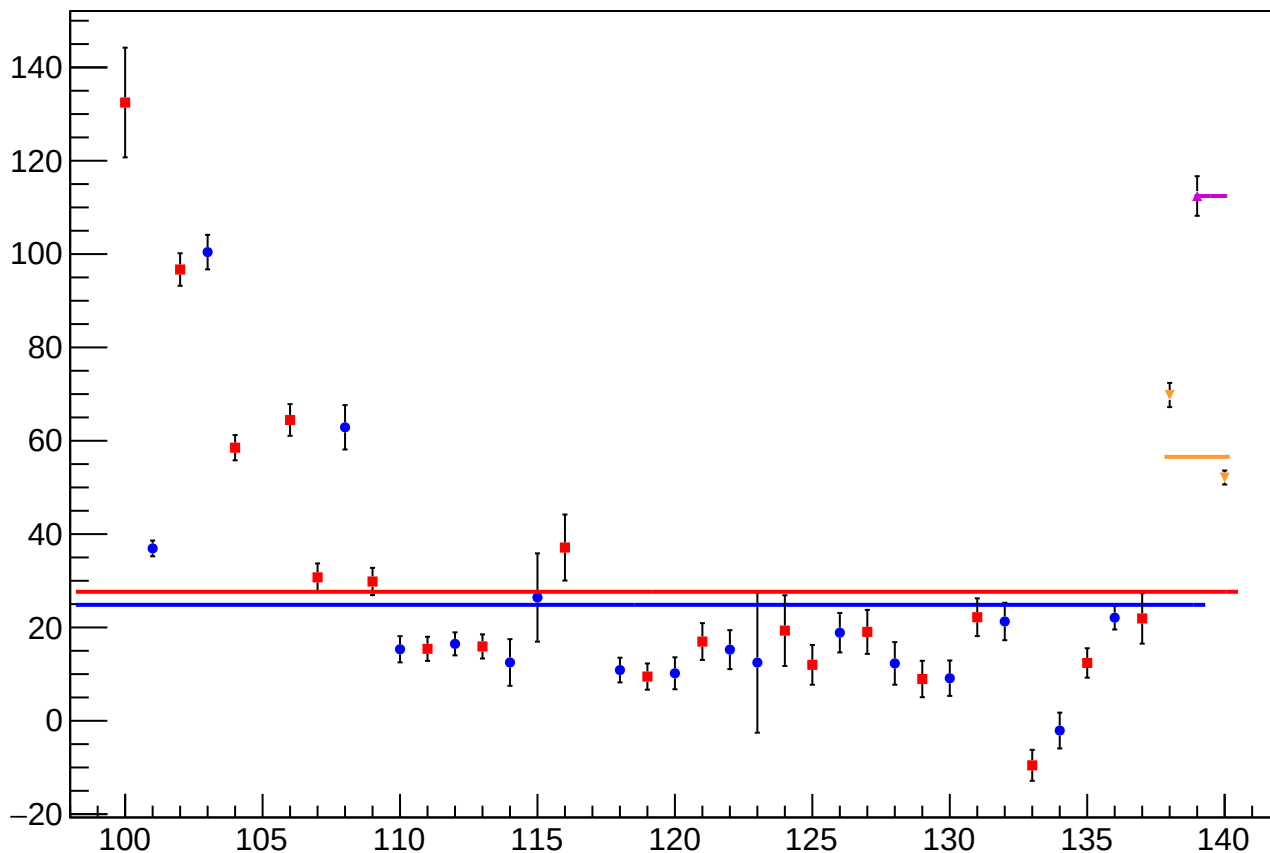
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.321+/-2.312 χ^2/NDF : 0.0/0

Out: -106.121+/-1.499 χ^2/NDF : 6.3/1

All: -87.539+/-1.258 χ^2/NDF : 525.9/2

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848 $\pm$ 0.801 χ^2/NDF : 690.8/16

Left Out: 56.554 $\pm$ 1.298 χ^2/NDF :34.9/1

Right Out: 27.648 $\pm$ 0.810 χ^2/NDF : 1009.2/18

Left In: 112.445 $\pm$ 4.242 χ^2/NDF :0.0/0

Left: 61.337 $\pm$ 1.241 χ^2/NDF : 193.6/2

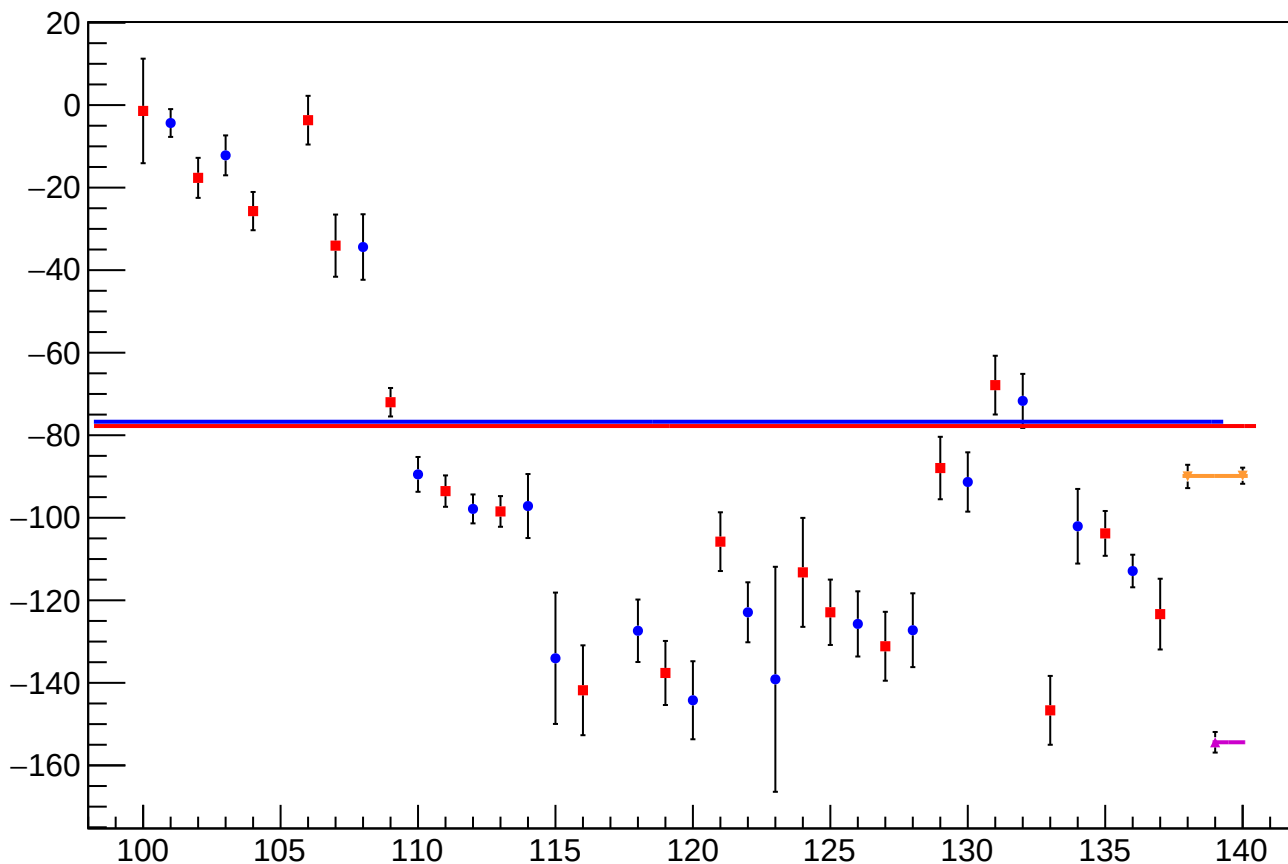
Right: 26.231 $\pm$ 0.570 χ^2/NDF : 1706.0/35

In: 27.862 $\pm$ 0.787 χ^2/NDF :1102.5/17

Out: 35.755 $\pm$ 0.687 χ^2/NDF :1400.9/20

All: 32.339 $\pm$ 0.518 χ^2/NDF : 2560.5/38

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -89.868 ± 1.606 χ^2/NDF : 0.0/1

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

Left In: -154.401 ± 2.496 χ^2/NDF : 0.0/0

Left: -108.754 ± 1.350 χ^2/NDF : 472.7/2

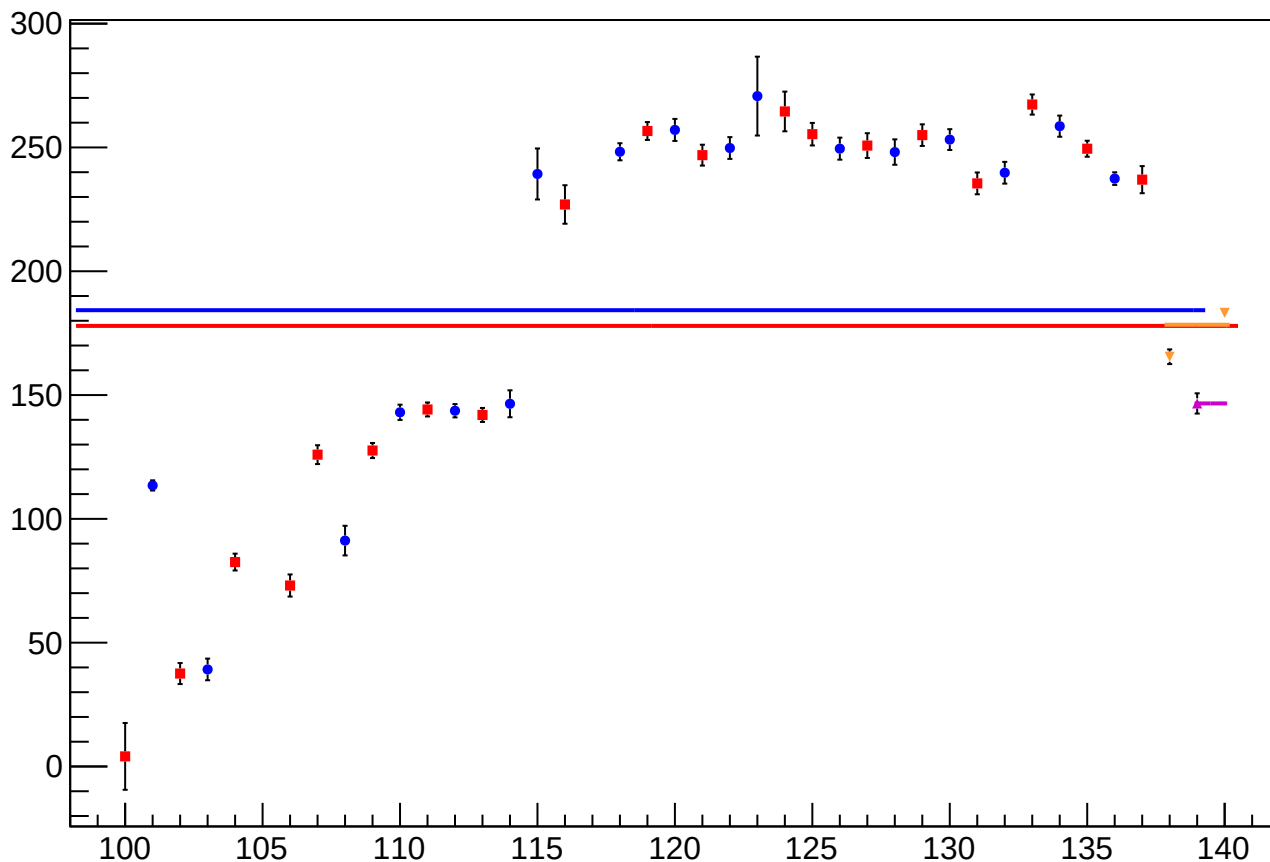
Right: -77.273 ± 0.977 χ^2/NDF : 1914.1/35

In: -95.560 ± 1.229 χ^2/NDF : 1775.5/17

Out: -82.792 ± 1.034 χ^2/NDF : 905.0/20

All: -88.085 ± 0.791 χ^2/NDF : 2743.7/38

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: 178.407 $\pm$ 1.546 χ^2 /NDF:25.9/1

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

Left In: 146.616 $\pm$ 4.091 χ^2 /NDF:0.0/0

Left: 174.435 $\pm$ 1.446 χ^2 /NDF: 78.8/2

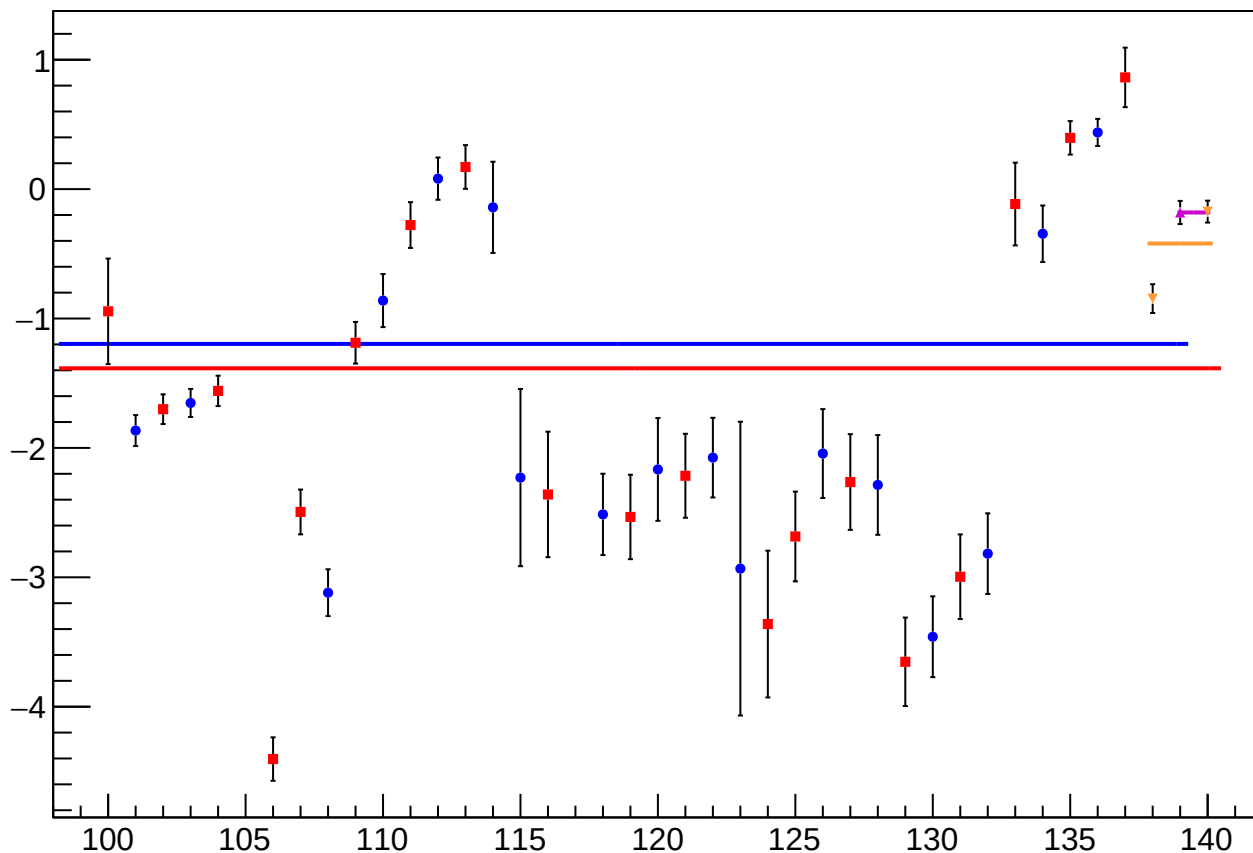
Right: 181.136 $\pm$ 0.650 χ^2 /NDF: 11755.7/35

In: 182.482 $\pm$ 0.892 χ^2 /NDF:5481.7/17

Out: 178.056 $\pm$ 0.793 χ^2 /NDF:6357.0/20

All: 180.011 $\pm$ 0.593 χ^2 /NDF: 11852.4/38

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.420 ± 0.067 χ^2/NDF : 23.1/1

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

Left In: -0.181 ± 0.089 χ^2/NDF : 0.0/0

Left: -0.334 ± 0.054 χ^2/NDF : 27.7/2

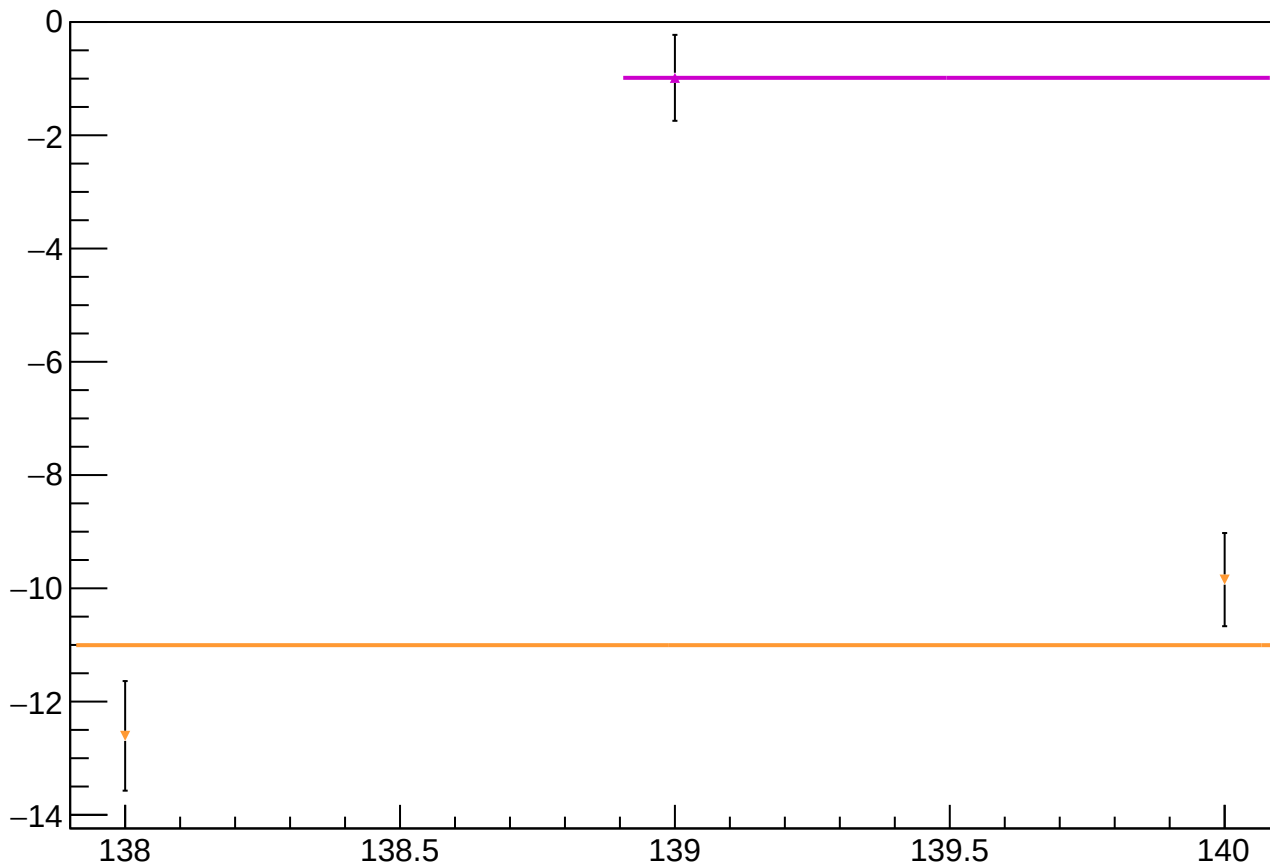
Right: -1.295 ± 0.033 χ^2/NDF : 1555.6/35

In: -0.969 ± 0.042 χ^2/NDF : 723.1/17

Out: -1.080 ± 0.038 χ^2/NDF : 1087.8/20

All: -1.031 ± 0.028 χ^2/NDF : 1814.7/38

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

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

Left In: -0.986+/-0.759 χ^2/NDF : 0.0/0

Left: -6.940+/-0.483 χ^2/NDF : 108.3/2

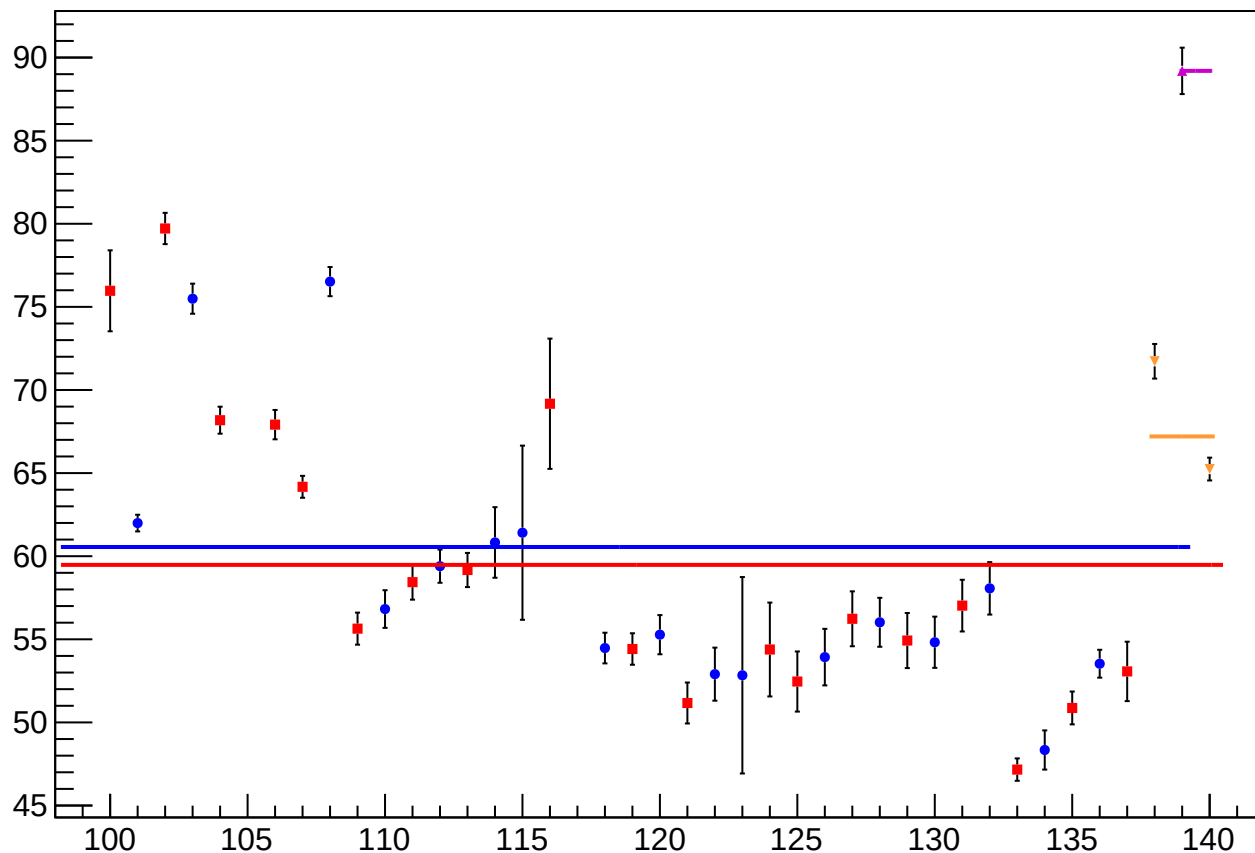
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.986+/-0.759 χ^2/NDF : 0.0/0

Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

All: -6.940+/-0.483 χ^2/NDF : 108.3/2

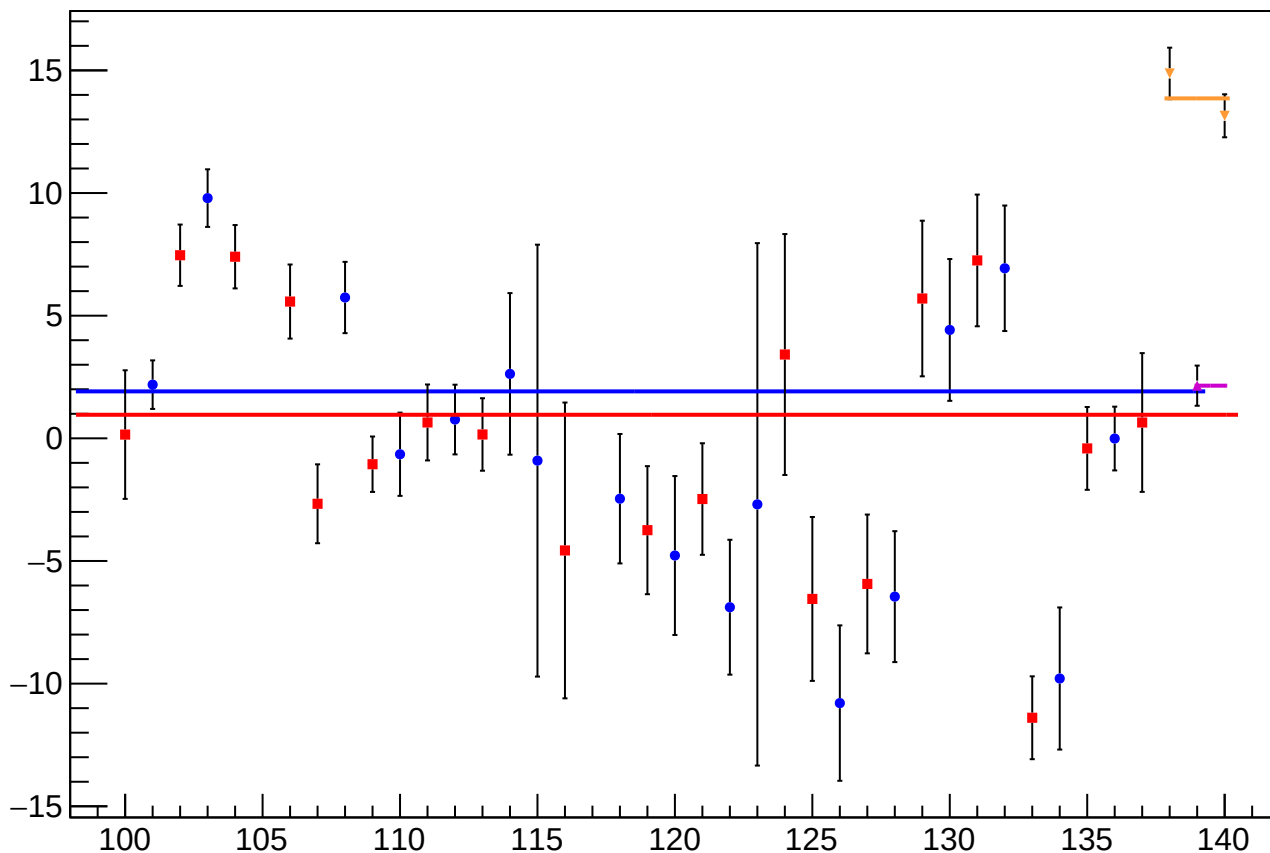
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16
 Left Out: 67.205 $\pm$ 0.573 χ^2 /NDF:27.0/1
 Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18
 Left In: 89.198 $\pm$ 1.396 χ^2 /NDF:0.0/0

Left: 70.376 $\pm$ 0.530 χ^2 /NDF: 239.4/2
 Right: 59.987 $\pm$ 0.180 χ^2 /NDF: 2256.7/35
 In: 61.525 $\pm$ 0.257 χ^2 /NDF:1337.5/17
 Out: 60.696 $\pm$ 0.228 χ^2 /NDF:1497.3/20
 All: 61.060 $\pm$ 0.170 χ^2 /NDF: 2840.6/38

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: 13.858 $\pm$ 0.673 χ^2 /NDF:1.6/1

Right Out: 0.960 $\pm$ 0.424 χ^2 /NDF: 149.5/18

Left In: 2.147 $\pm$ 0.819 χ^2 /NDF:0.0/0

Left: 9.136 $\pm$ 0.520 χ^2 /NDF: 123.7/2

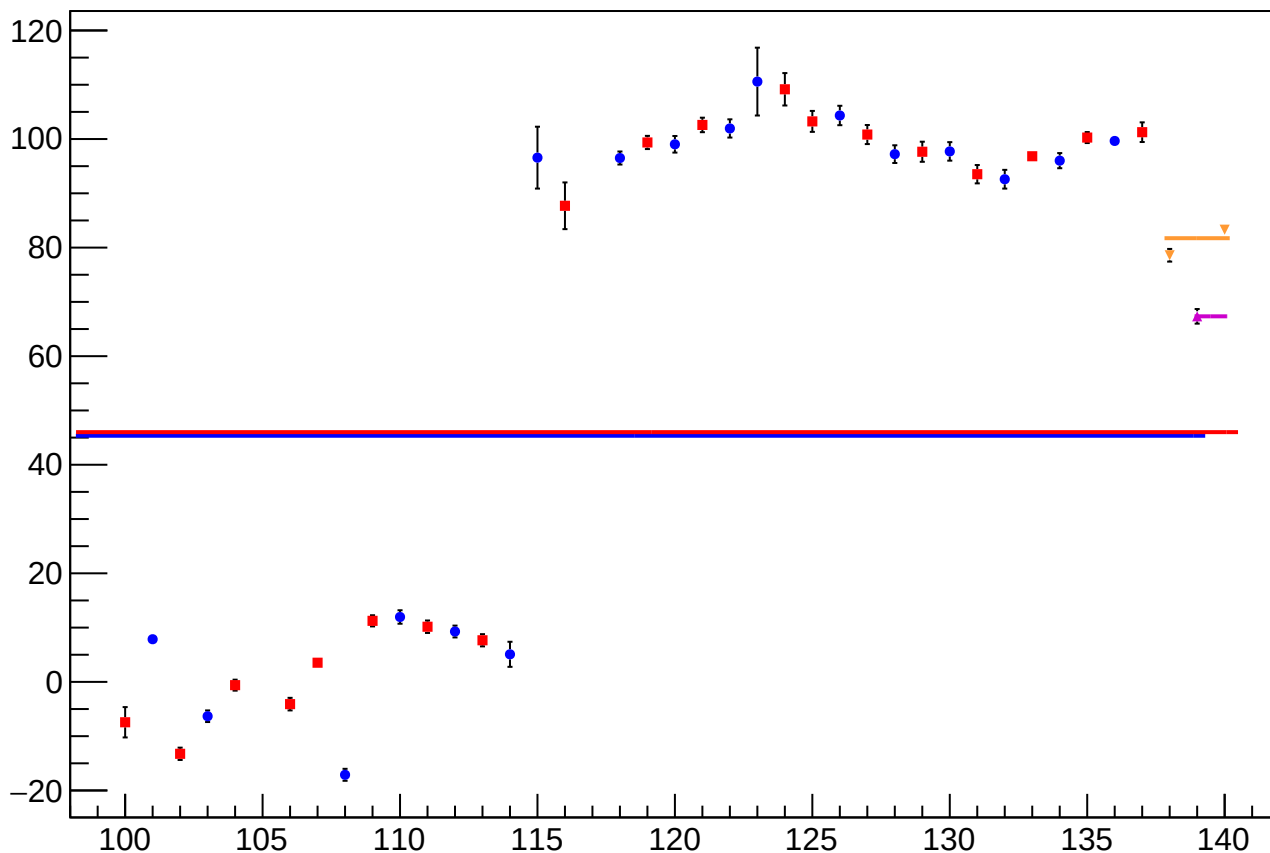
Right: 1.401 $\pm$ 0.311 χ^2 /NDF: 273.4/35

In: 1.969 $\pm$ 0.400 χ^2 /NDF:121.7/17

Out: 4.628 $\pm$ 0.359 χ^2 /NDF:414.0/20

All: 3.441 $\pm$ 0.267 χ^2 /NDF: 560.1/38

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF : 25071.0/16

Left Out: 81.733+/-0.674 χ^2/NDF :10.9/1

Right Out: 46.007+/-0.289 χ^2/NDF : 28219.9/18

Left In: 67.340+/-1.347 χ^2/NDF :0.0/0

Left: 78.849+/-0.603 χ^2/NDF : 102.2/2

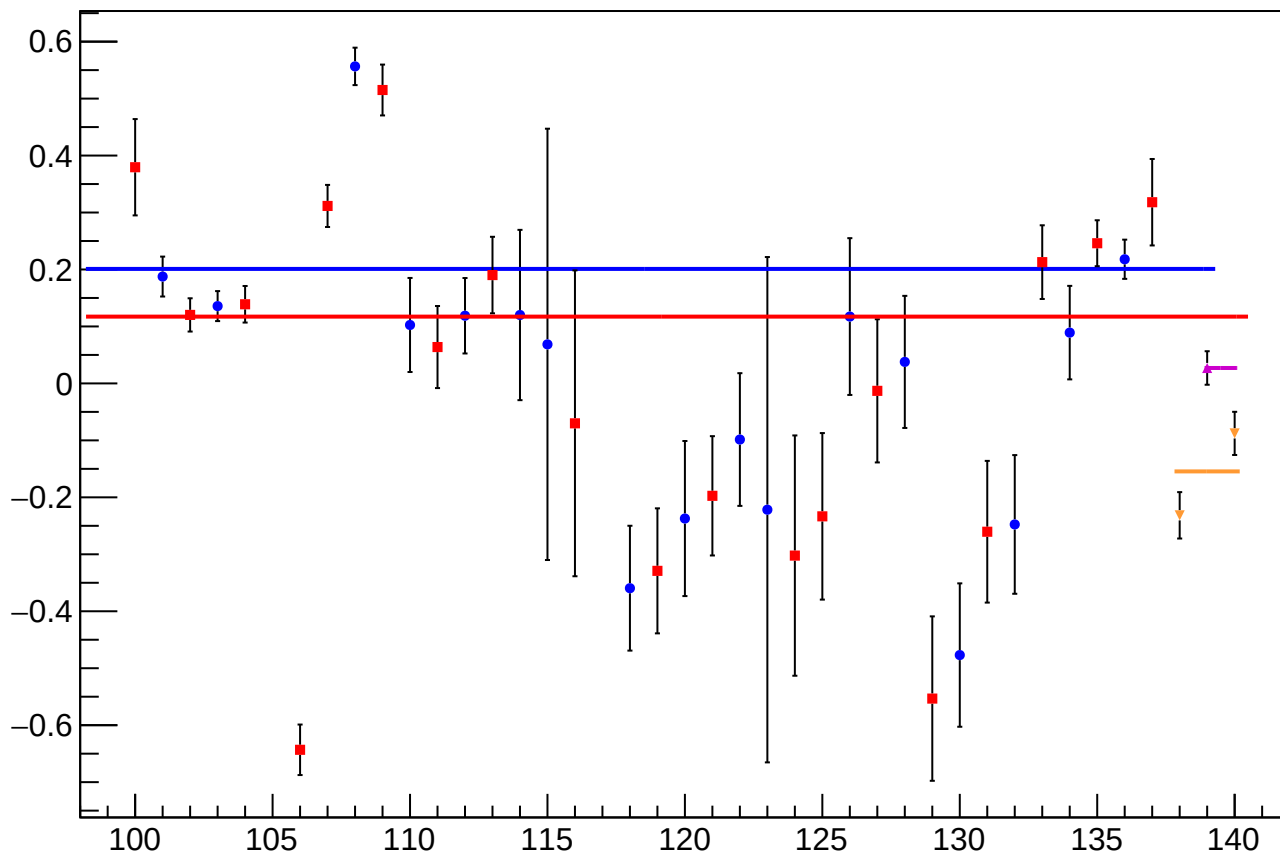
Right: 45.691+/-0.209 χ^2/NDF : 53293.4/35

In: 46.405+/-0.296 χ^2/NDF :25324.9/17

Out: 51.570+/-0.266 χ^2/NDF :30602.7/20

All: 49.261+/-0.198 χ^2/NDF : 56096.2/38

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.154 ± 0.028 χ^2/NDF : 6.7/1

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

Left In: 0.027 ± 0.029 χ^2/NDF : 0.0/0

Left: -0.069 ± 0.020 χ^2/NDF : 26.8/2

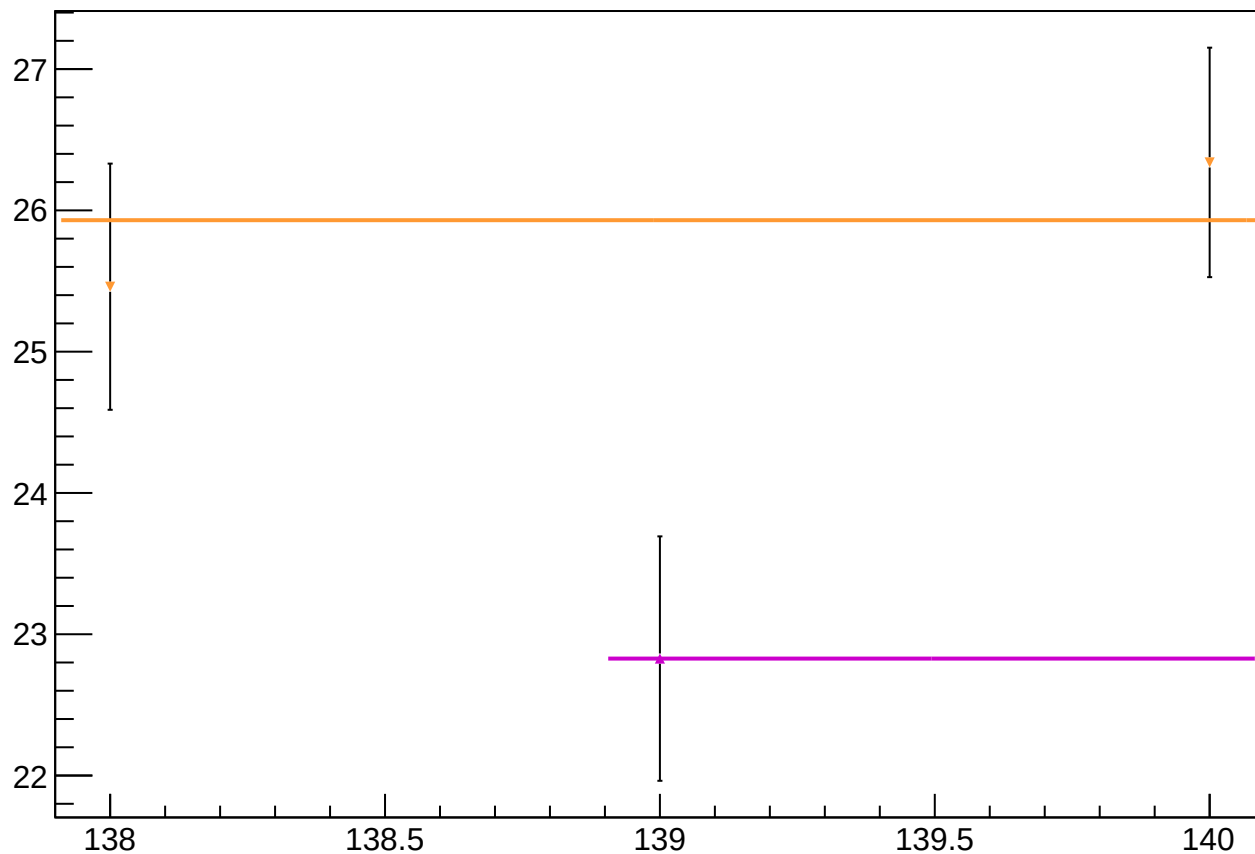
Right: 0.156 ± 0.010 χ^2/NDF : 737.1/35

In: 0.169 ± 0.013 χ^2/NDF : 246.3/17

Out: 0.068 ± 0.012 χ^2/NDF : 585.4/20

All: 0.115 ± 0.009 χ^2/NDF : 865.5/38

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 25.931+/-0.594 χ^2/NDF : 0.5/1

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

Left In: 22.828+/-0.865 χ^2/NDF : 0.0/0

Left: 24.936+/-0.490 χ^2/NDF : 9.3/2

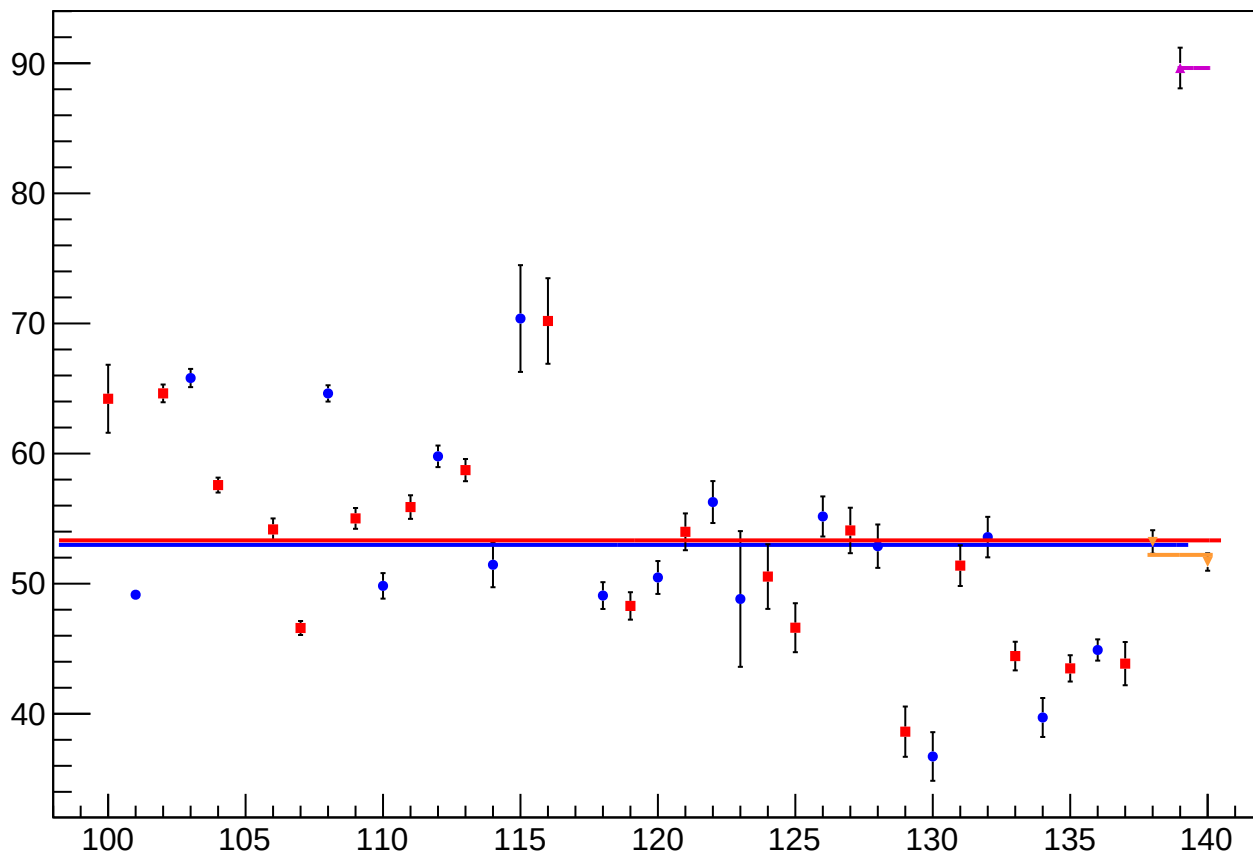
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.828+/-0.865 χ^2/NDF : 0.0/0

Out: 25.931+/-0.594 χ^2/NDF : 0.5/1

All: 24.936+/-0.490 χ^2/NDF : 9.3/2

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF : 1197.8/16

Left Out: 52.213+/-0.538 χ^2/NDF : 1.9/1

Right Out: 53.328+/-0.227 χ^2/NDF : 872.7/18

Left In: 89.634+/-1.563 χ^2/NDF : 0.0/0

Left: 56.178+/-0.509 χ^2/NDF : 514.2/2

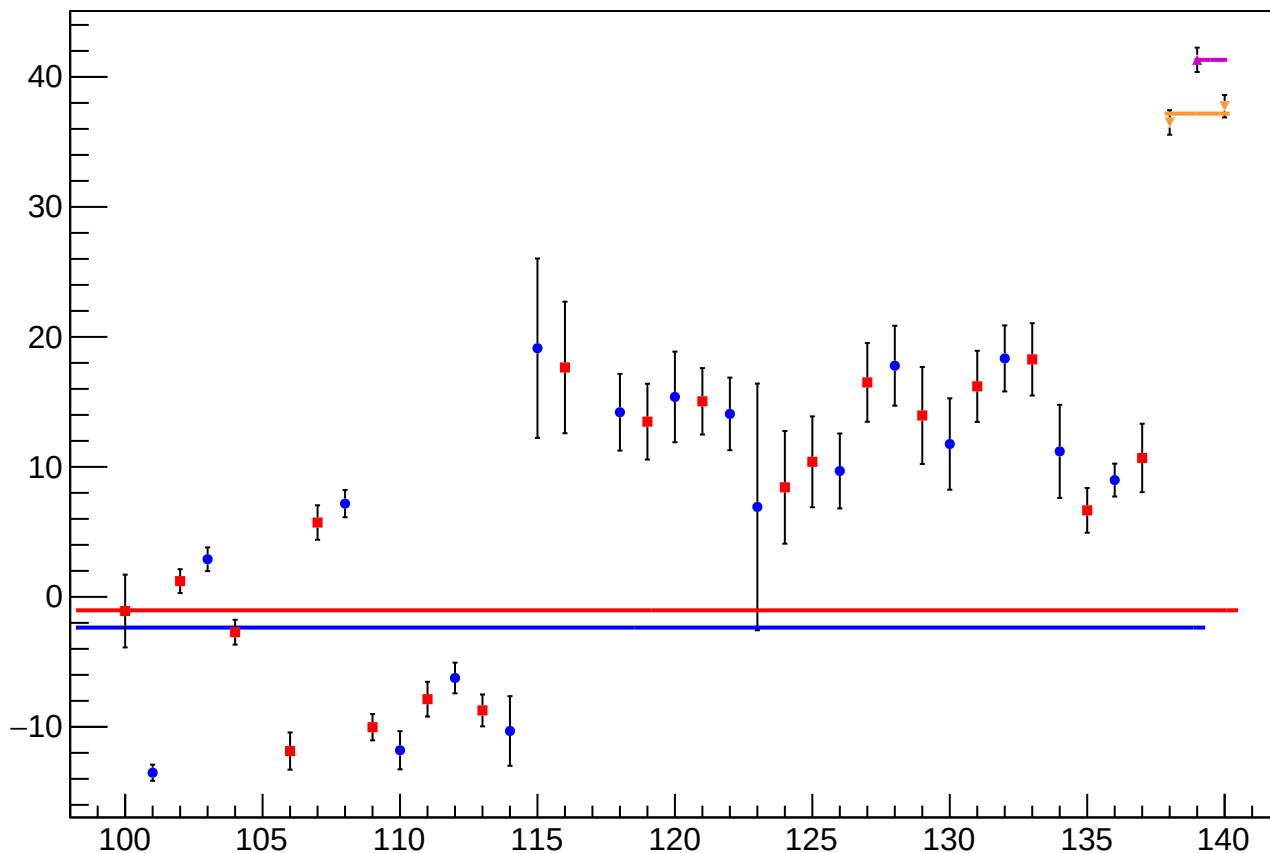
Right: 53.141+/-0.154 χ^2/NDF : 2071.7/35

In: 53.632+/-0.208 χ^2/NDF : 1737.8/17

Out: 53.160+/-0.209 χ^2/NDF : 878.2/20

All: 53.396+/-0.148 χ^2/NDF : 2618.6/38

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 37.178 ± 0.638 χ^2/NDF : 0.9/1

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

Left In: 41.315 ± 0.936 χ^2/NDF : 0.0/0

Left: 38.490 ± 0.527 χ^2/NDF : 14.3/2

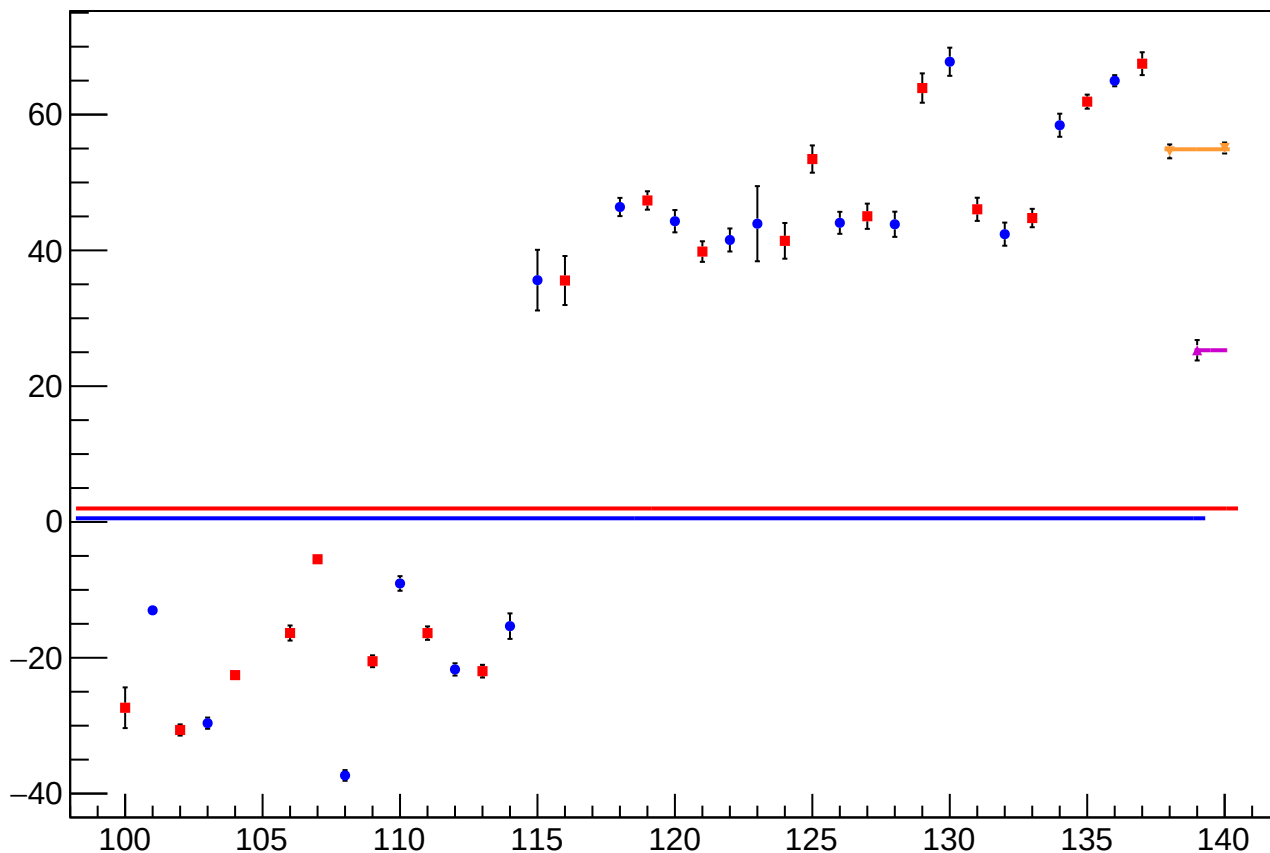
Right: -1.721 ± 0.262 χ^2/NDF : 1355.0/35

In: 3.370 ± 0.339 χ^2/NDF : 2731.7/17

Out: 8.851 ± 0.325 χ^2/NDF : 3167.8/20

All: 6.231 ± 0.234 χ^2/NDF : 6035.9/38

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF : 18423.8/16

Left Out: 54.889+/-0.634 χ^2/NDF : 0.1/1

Right Out: 1.990+/-0.267 χ^2/NDF : 15476.7/18

Left In: 25.291+/-1.505 χ^2/NDF : 0.0/0

Left: 50.426+/-0.585 χ^2/NDF : 328.5/2

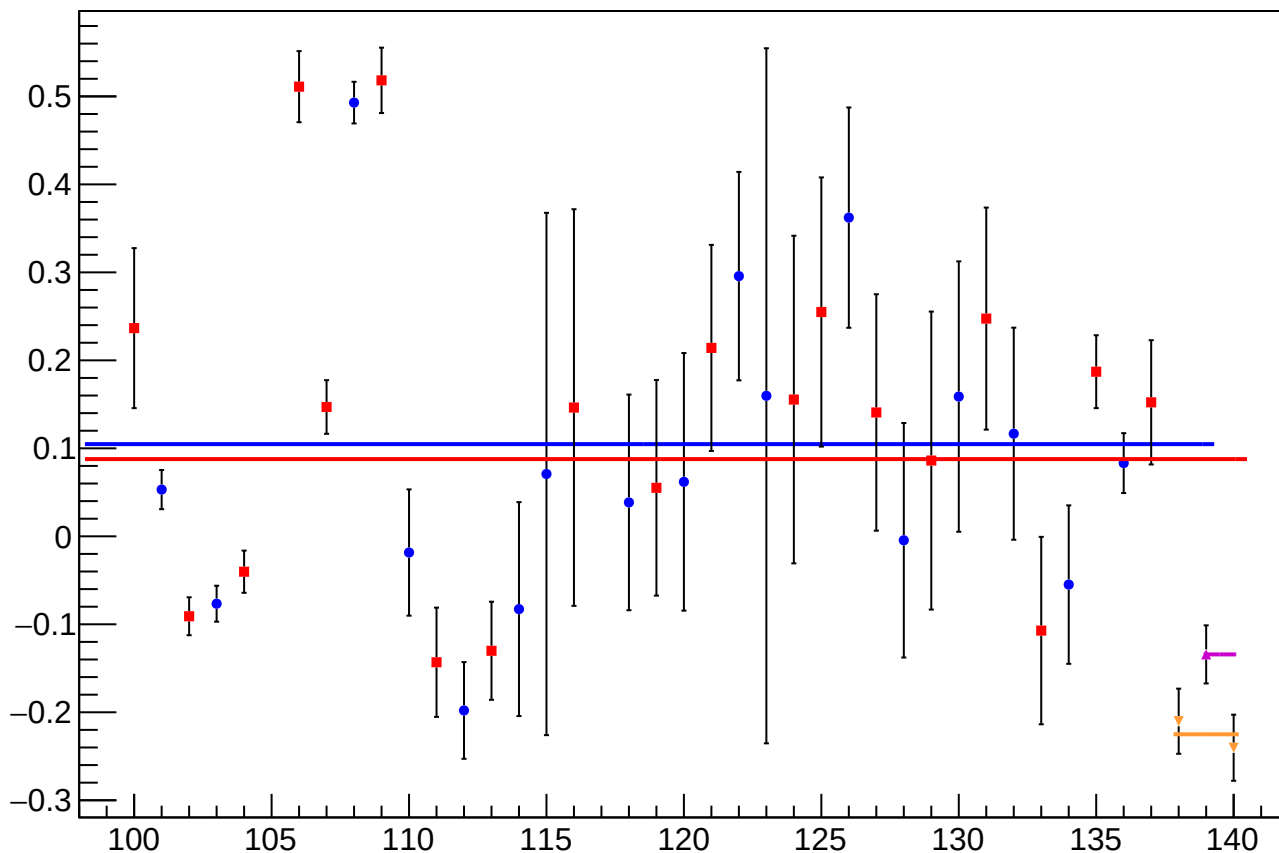
Right: 1.210+/-0.181 χ^2/NDF : 33916.4/35

In: 1.189+/-0.243 χ^2/NDF : 18687.1/17

Out: 9.927+/-0.246 χ^2/NDF : 21388.1/20

All: 5.518+/-0.173 χ^2/NDF : 40713.4/38

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 $\pm$ 0.011 χ^2 /NDF: 400.7/16

Left Out: -0.225 $\pm$ 0.026 χ^2 /NDF:0.3/1

Right Out: 0.088 $\pm$ 0.011 χ^2 /NDF: 391.0/18

Left In: -0.134 $\pm$ 0.033 χ^2 /NDF:0.0/0

Left: -0.190 $\pm$ 0.021 χ^2 /NDF: 4.9/2

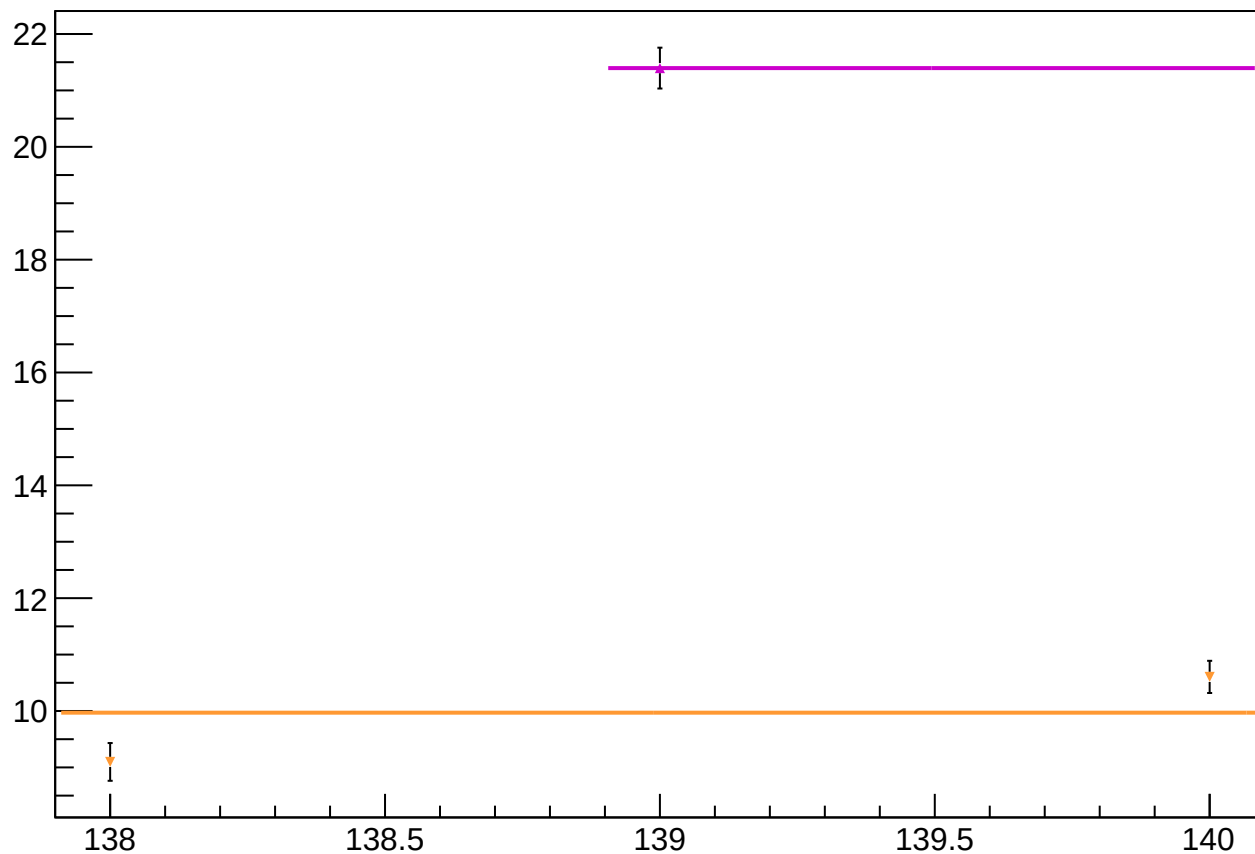
Right: 0.096 $\pm$ 0.008 χ^2 /NDF: 792.9/35

In: 0.081 $\pm$ 0.010 χ^2 /NDF:447.9/17

Out: 0.041 $\pm$ 0.010 χ^2 /NDF:511.1/20

All: 0.060 $\pm$ 0.007 χ^2 /NDF: 966.3/38

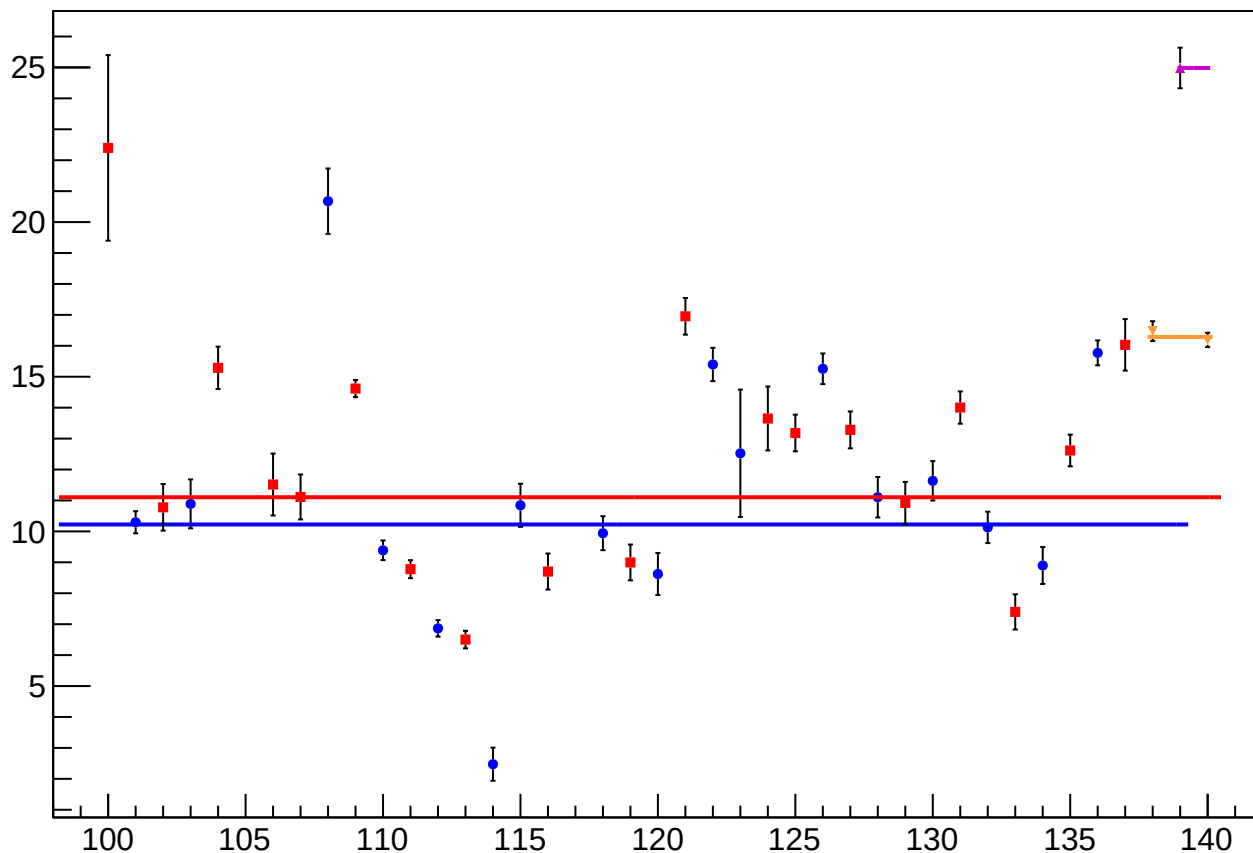
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.970+/-0.217 χ^2/NDF : 11.7/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.396+/-0.362 χ^2/NDF : 0.0/0

Left: 12.992+/-0.186 χ^2/NDF : 744.2/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.396+/-0.362 χ^2/NDF : 0.0/0
 Out: 9.970+/-0.217 χ^2/NDF : 11.7/1
 All: 12.992+/-0.186 χ^2/NDF : 744.2/2

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 16.287 $\pm$ 0.188 χ^2 /NDF:0.5/1

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

Left In: 24.983 $\pm$ 0.656 χ^2 /NDF:0.0/0

Left: 16.946 $\pm$ 0.181 χ^2 /NDF: 163.0/2

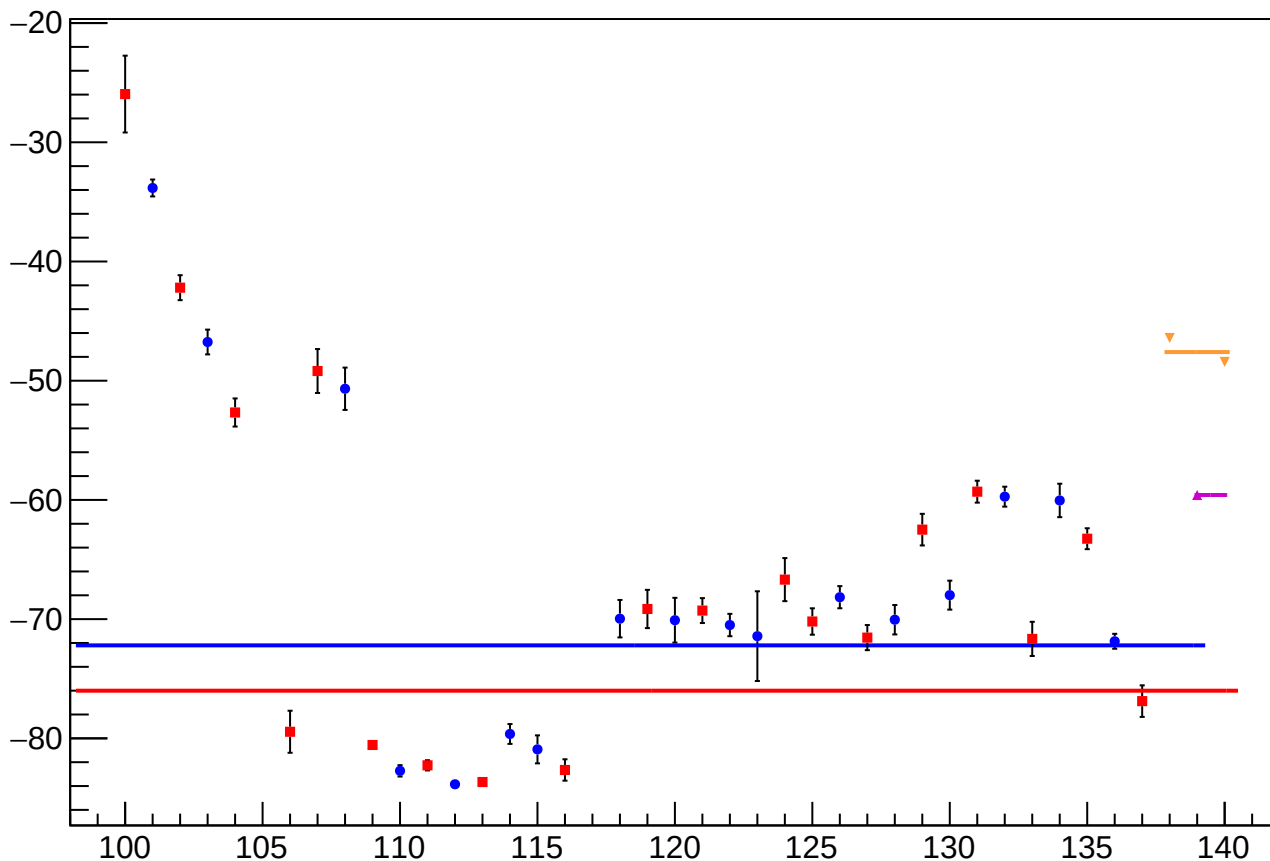
Right: 10.673 $\pm$ 0.083 χ^2 /NDF: 1722.7/35

In: 10.694 $\pm$ 0.117 χ^2 /NDF:1367.7/17

Out: 12.541 $\pm$ 0.099 χ^2 /NDF:1367.5/20

All: 11.771 $\pm$ 0.076 χ^2 /NDF: 2880.7/38

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 $\chi^2/\text{NDF}: 5566.9/16$

Left Out: -47.596 ± 0.233 $\chi^2/\text{NDF}: 17.9/1$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.4/18$

Left In: -59.587 ± 0.392 $\chi^2/\text{NDF}: 0.0/0$

Left: -50.727 ± 0.200 $\chi^2/\text{NDF}: 710.1/2$

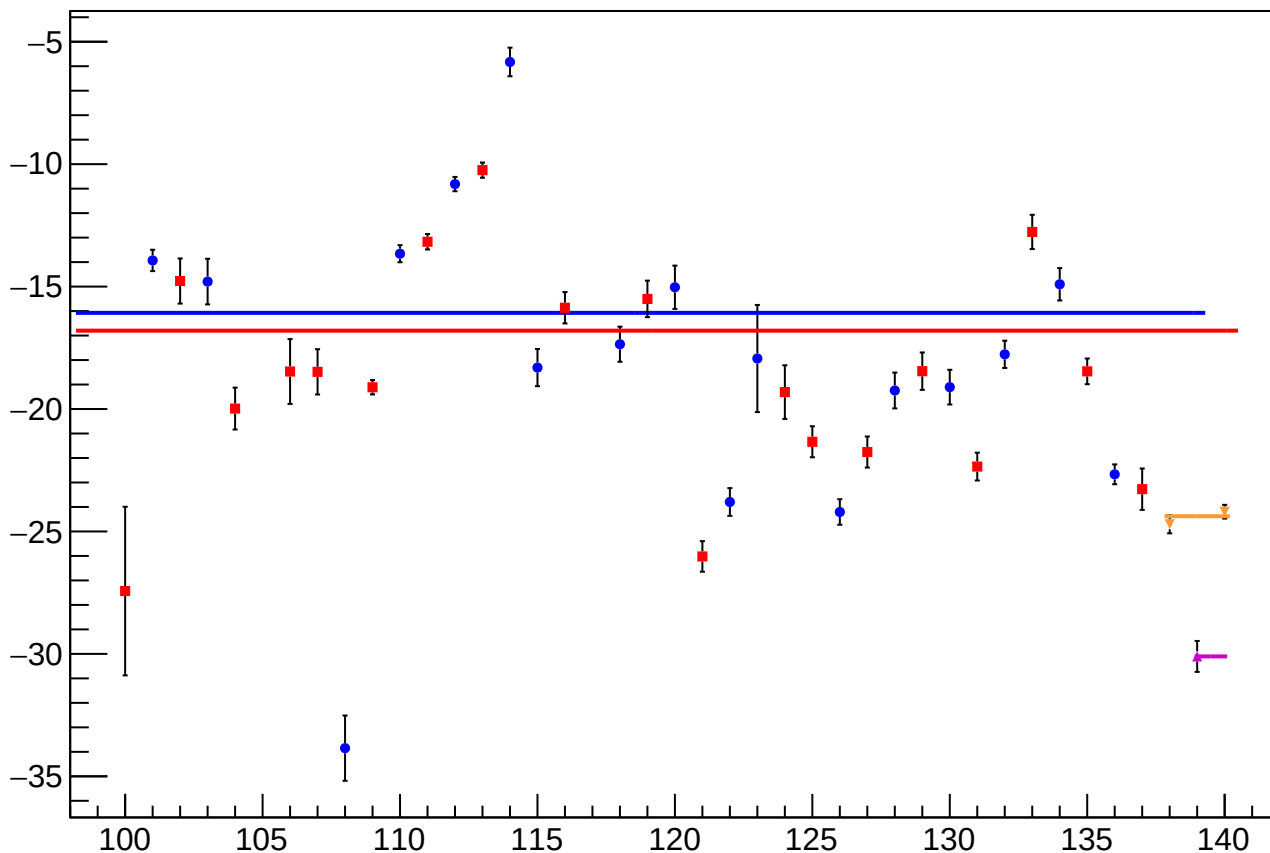
Right: -74.270 ± 0.133 $\chi^2/\text{NDF}: 9233.6/35$

In: -69.641 ± 0.176 $\chi^2/\text{NDF}: 6393.1/17$

Out: -65.309 ± 0.143 $\chi^2/\text{NDF}: 12762.2/20$

All: -67.024 ± 0.111 $\chi^2/\text{NDF}: 19519.2/38$

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: -24.378 $\pm$ 0.224 χ^2 /NDF: 1.2/1

Right Out: -16.799 $\pm$ 0.128 χ^2 /NDF: 1215.8/18

Left In: -30.103 $\pm$ 0.632 χ^2 /NDF: 0.0/0

Left: -25.016 $\pm$ 0.211 χ^2 /NDF: 74.2/2

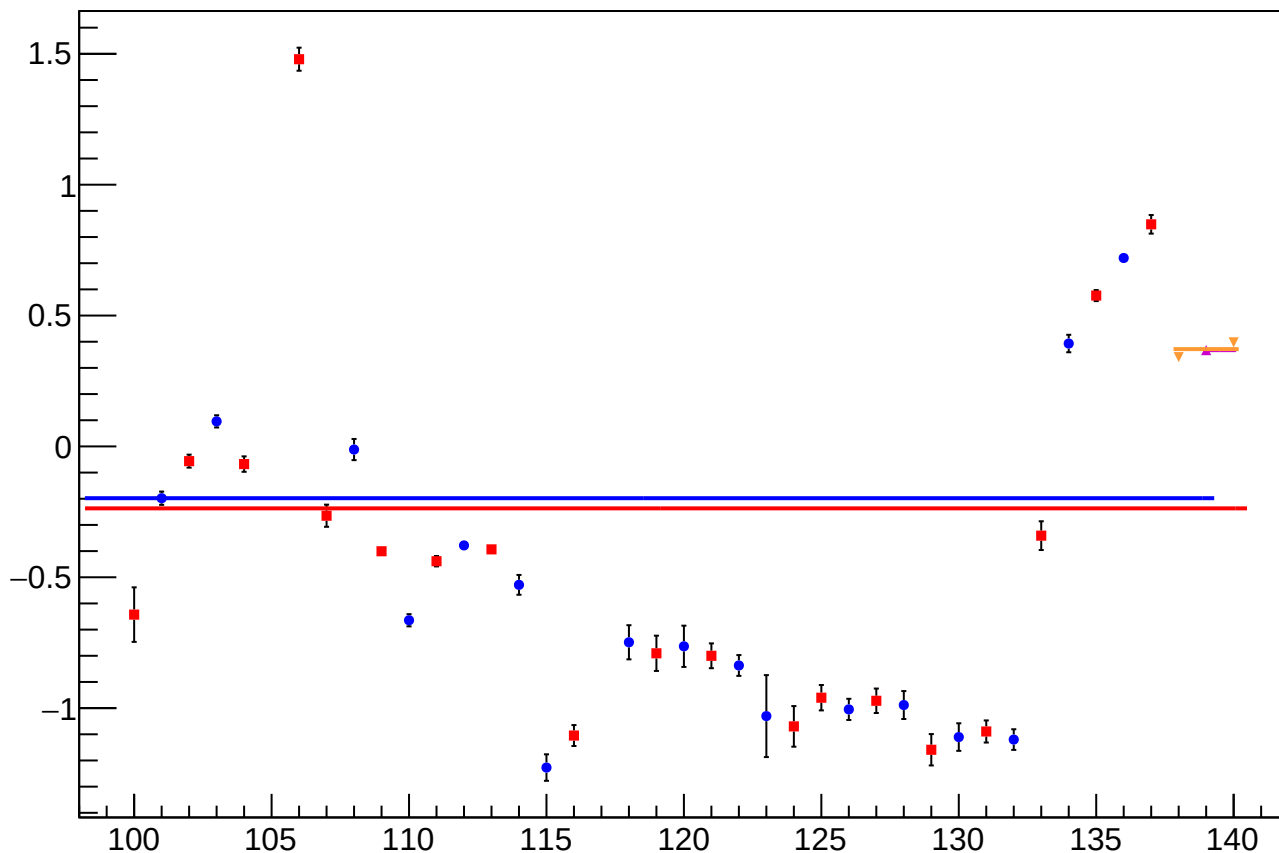
Right: -16.447 $\pm$ 0.092 χ^2 /NDF: 2872.2/35

In: -16.660 $\pm$ 0.129 χ^2 /NDF: 2113.5/17

Out: -18.671 $\pm$ 0.111 χ^2 /NDF: 2080.7/20

All: -17.816 $\pm$ 0.084 χ^2 /NDF: 4333.1/38

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.372 ± 0.010 χ^2/NDF : 8.3/1

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

Left In: 0.368 ± 0.014 χ^2/NDF : 0.0/0

Left: 0.371 ± 0.008 χ^2/NDF : 8.4/2

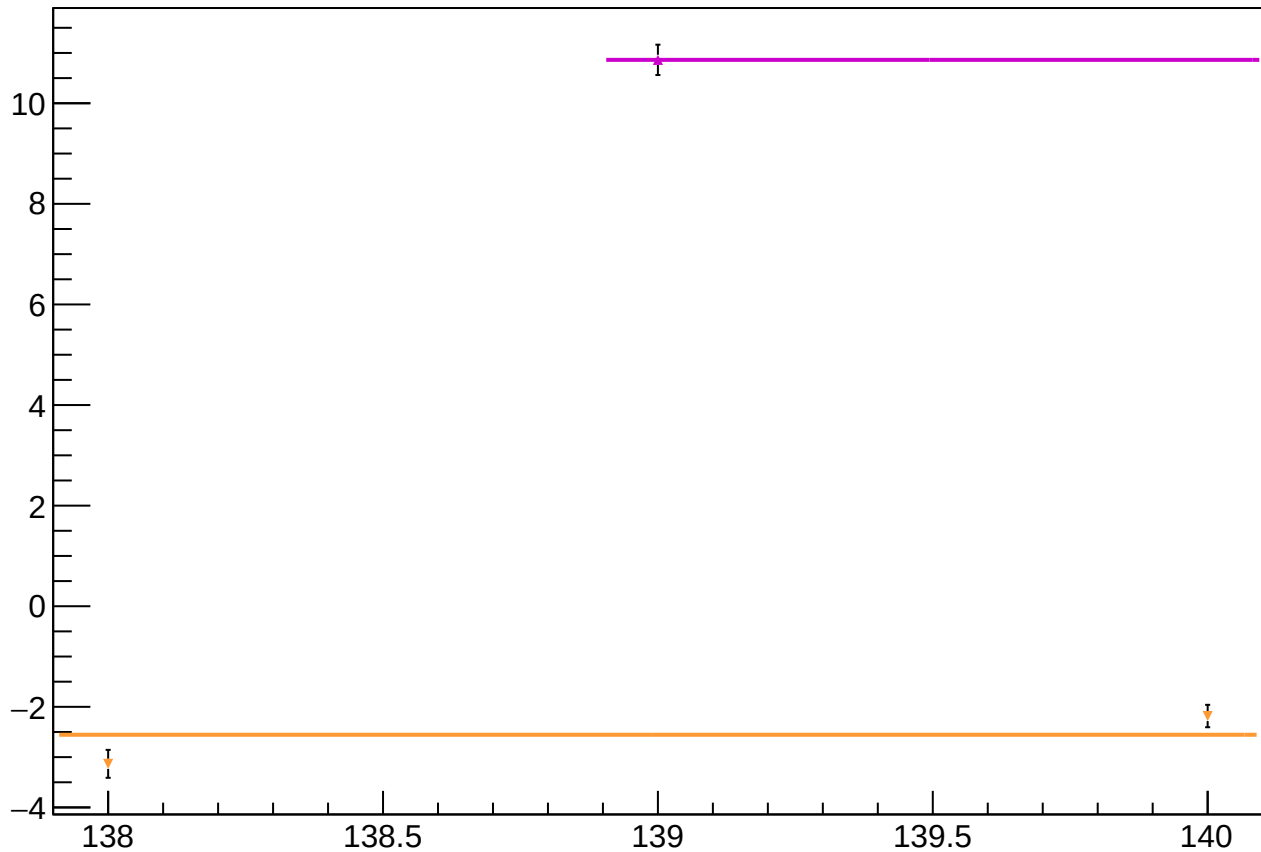
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: -0.068 ± 0.007 χ^2/NDF : 7628.8/17

Out: -0.023 ± 0.006 χ^2/NDF : 8755.1/20

All: -0.043 ± 0.004 χ^2/NDF : 16410.1/38

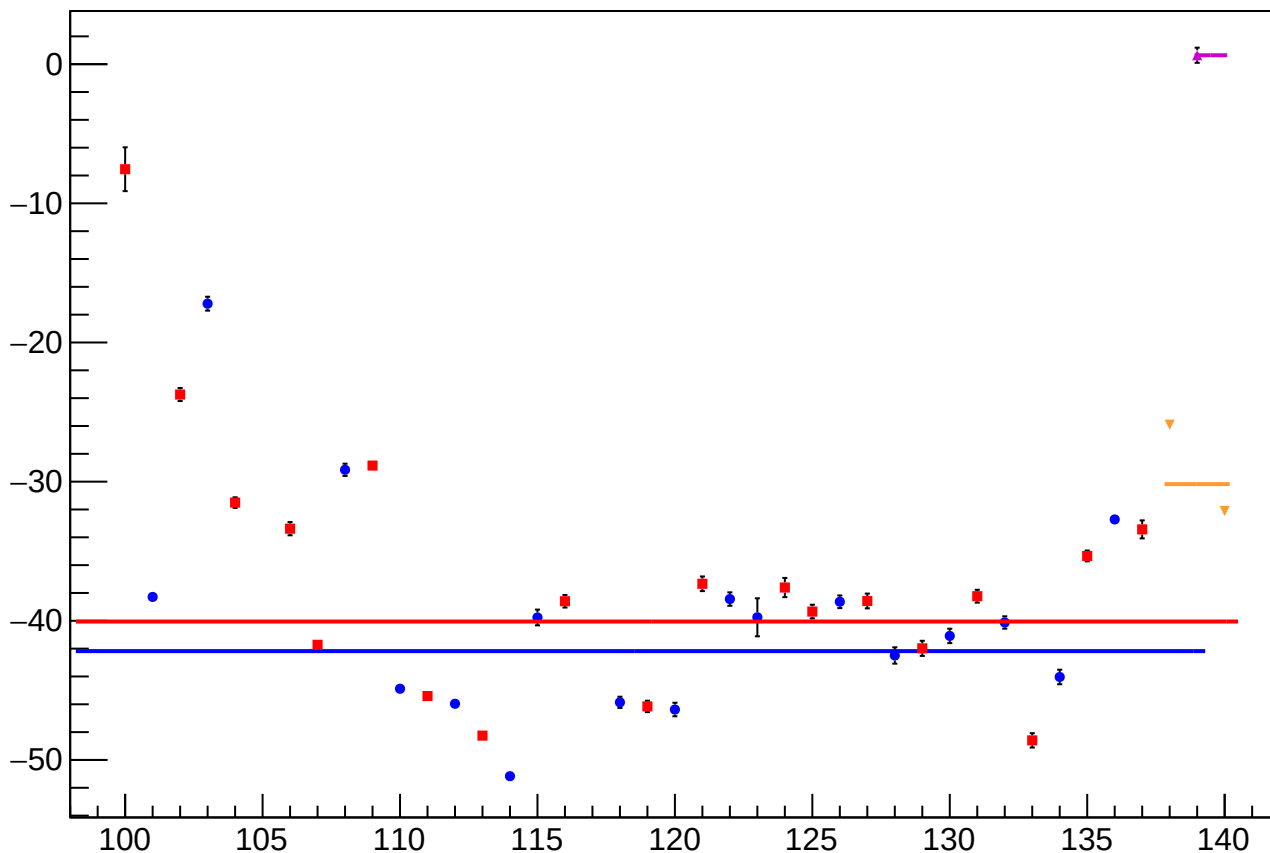
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



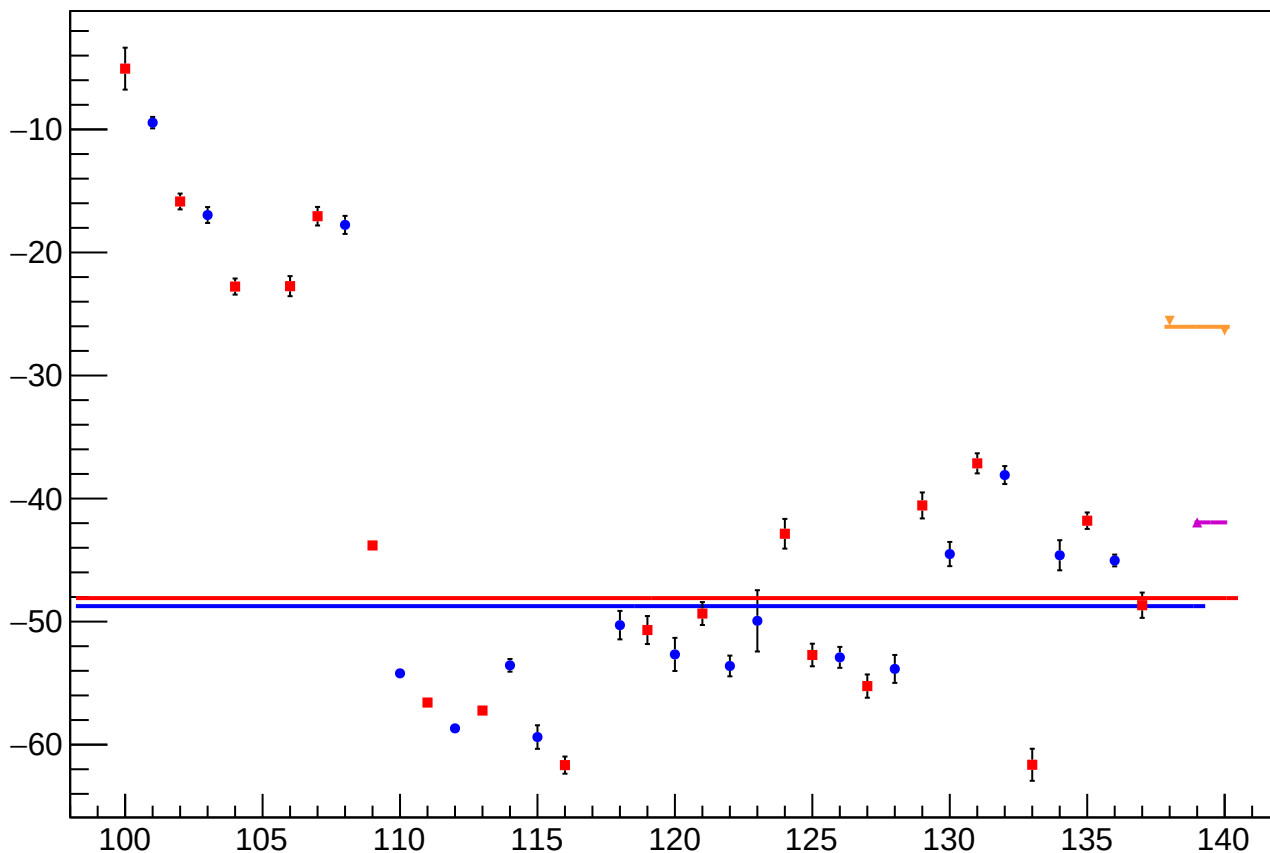
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.555 $\pm$ 0.174 χ^2 /NDF:7.1/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.863 $\pm$ 0.302 χ^2 /NDF:0.0/0

Left: 0.783 $\pm$ 0.151 χ^2 /NDF: 1491.7/2
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 10.863 $\pm$ 0.302 χ^2 /NDF:0.0/0
 Out: -2.555 $\pm$ 0.174 χ^2 /NDF:7.1/1
 All: 0.783 $\pm$ 0.151 χ^2 /NDF: 1491.7/2

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -26.041 ± 0.186 χ^2/NDF : 4.3/1

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

Left In: -41.937 ± 0.327 χ^2/NDF : 0.0/0

Left: -29.937 ± 0.162 χ^2/NDF : 1790.1/2

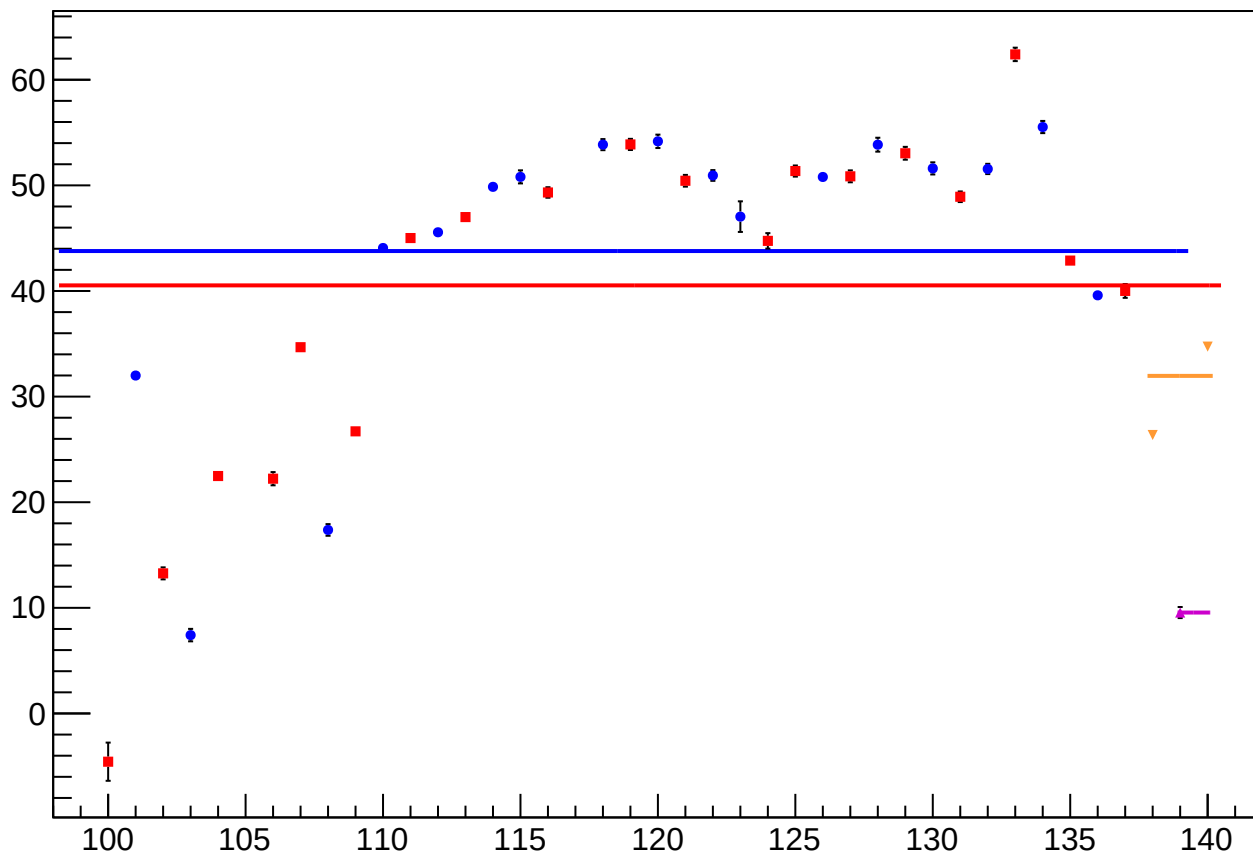
Right: -48.369 ± 0.081 χ^2/NDF : 26405.8/35

In: -47.882 ± 0.116 χ^2/NDF : 15037.2/17

Out: -42.602 ± 0.093 χ^2/NDF : 22264.5/20

All: -44.659 ± 0.073 χ^2/NDF : 38559.8/38

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: 31.962 $\pm$ 0.179 χ^2 /NDF:484.9/1

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

Left In: 9.554 $\pm$ 0.524 χ^2 /NDF:0.0/0

Left: 29.627 $\pm$ 0.169 χ^2 /NDF: 2121.2/2

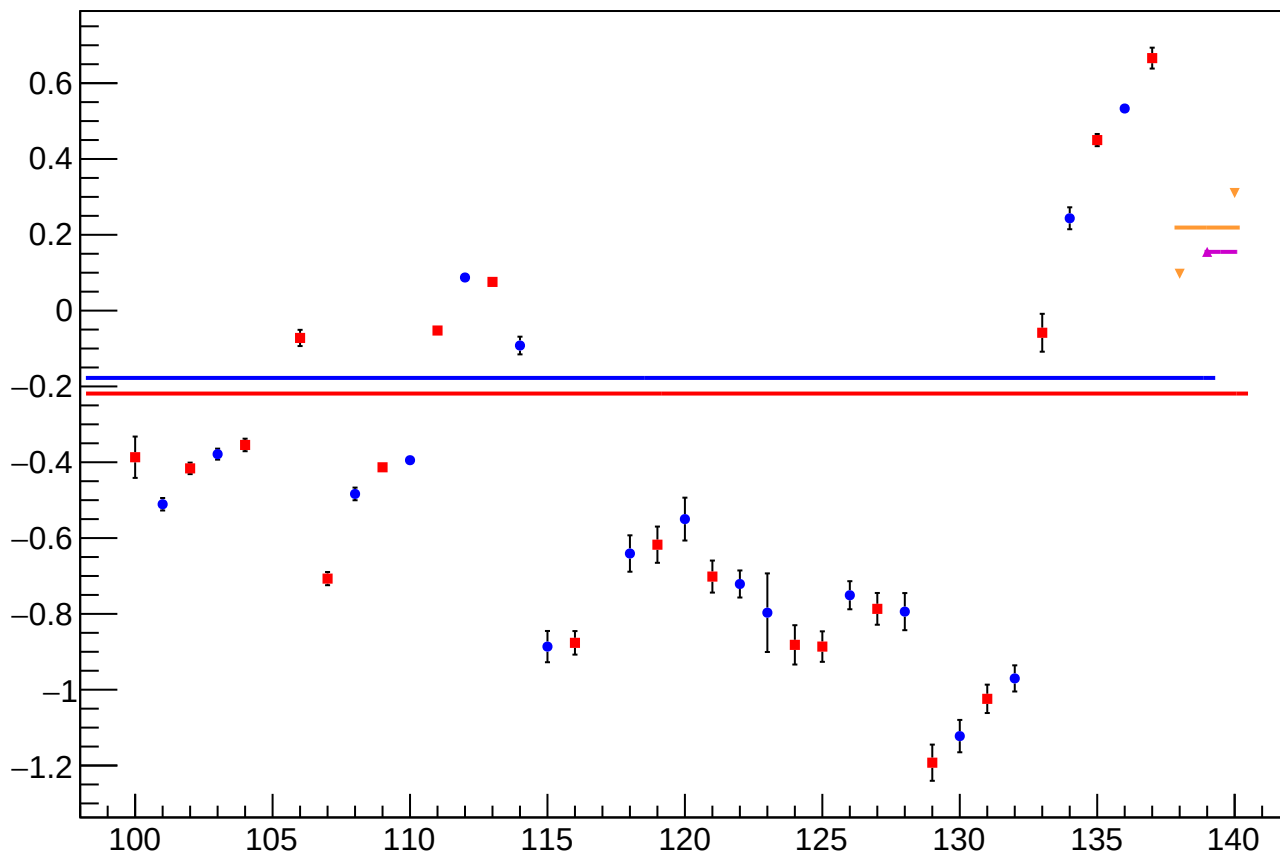
Right: 42.031 $\pm$ 0.059 χ^2 /NDF: 28978.3/35

In: 42.873 $\pm$ 0.085 χ^2 /NDF:14787.5/17

Out: 39.096 $\pm$ 0.073 χ^2 /NDF:19977.2/20

All: 40.693 $\pm$ 0.056 χ^2 /NDF: 35891.4/38

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.219 ± 0.008 χ^2/NDF : 181.9/1

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

Left In: 0.155 ± 0.011 χ^2/NDF : 0.0/0

Left: 0.199 ± 0.006 χ^2/NDF : 203.3/2

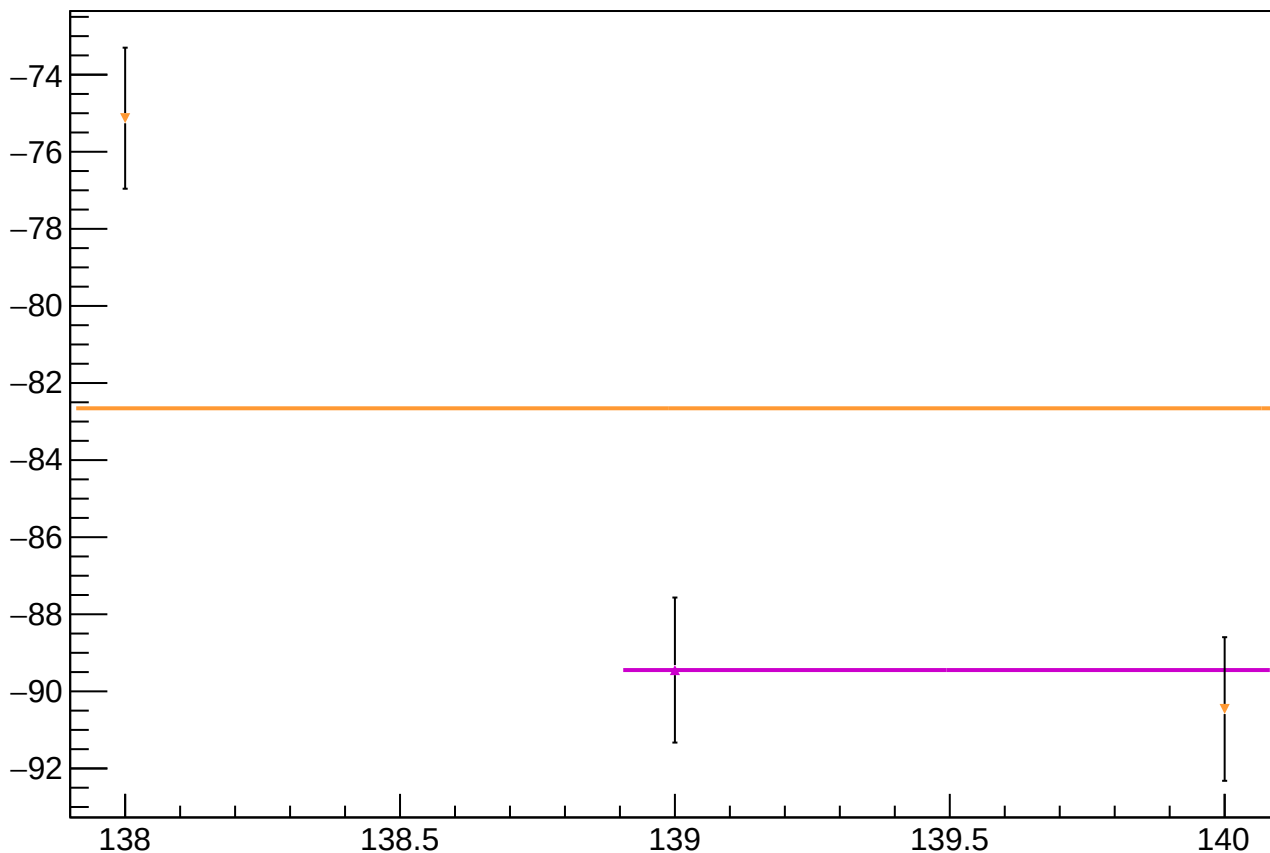
Right: -0.201 ± 0.003 χ^2/NDF : 14886.5/35

In: -0.127 ± 0.004 χ^2/NDF : 8087.9/17

Out: -0.117 ± 0.004 χ^2/NDF : 10062.9/20

All: -0.121 ± 0.003 χ^2/NDF : 18154.1/38

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -82.656+/-1.305 χ^2/NDF :34.5/1

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

Left In: -89.447+/-1.881 χ^2/NDF :0.0/0

Left: -84.863+/-1.073 χ^2/NDF : 43.3/2

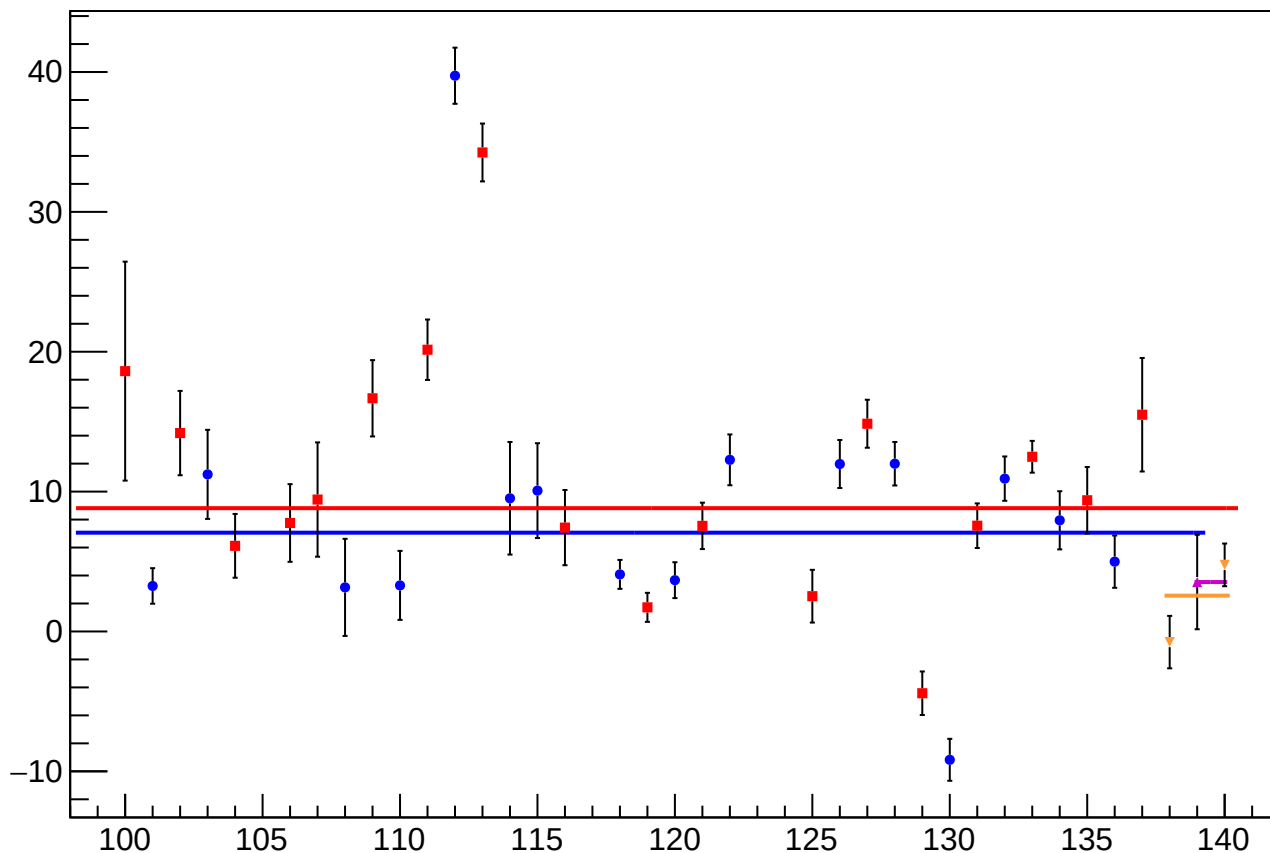
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -89.447+/-1.881 χ^2/NDF :0.0/0

Out: -82.656+/-1.305 χ^2/NDF :34.5/1

All: -84.863+/-1.073 χ^2/NDF : 43.3/2

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 $\pm$ 0.434 χ^2 /NDF: 446.9/15

Left Out: 2.561 $\pm$ 1.183 χ^2 /NDF:5.2/1

Right Out: 8.816 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 3.534 $\pm$ 3.376 χ^2 /NDF:0.0/0

Left: 2.668 $\pm$ 1.117 χ^2 /NDF: 5.3/2

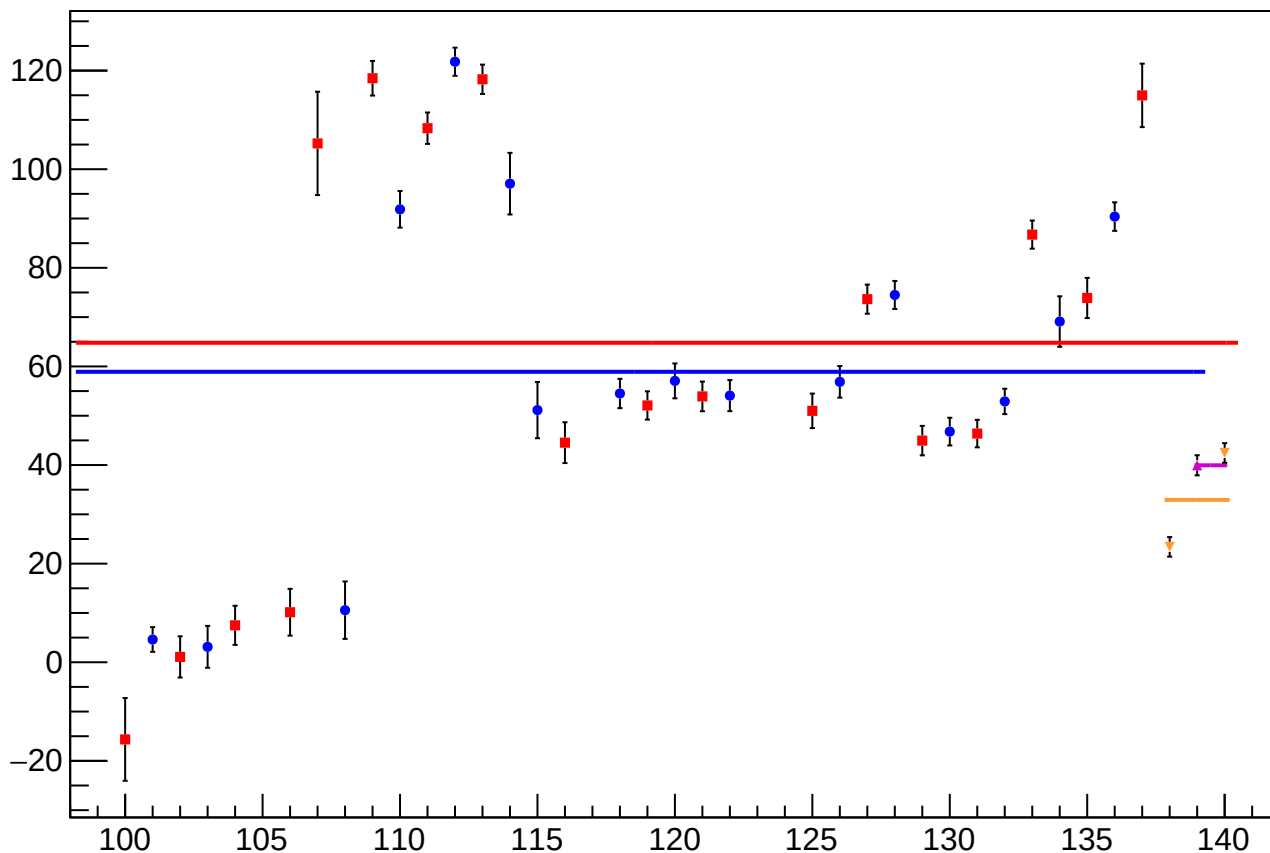
Right: 7.909 $\pm$ 0.312 χ^2 /NDF: 805.1/33

In: 7.006 $\pm$ 0.430 χ^2 /NDF:447.9/16

Out: 8.029 $\pm$ 0.420 χ^2 /NDF:380.0/19

All: 7.530 $\pm$ 0.300 χ^2 /NDF: 830.8/36

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 32.930 $\pm$ 1.403 χ^2 /NDF:46.1/1

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

Left In: 39.949 $\pm$ 2.039 χ^2 /NDF:0.0/0

Left: 35.185 $\pm$ 1.156 χ^2 /NDF: 54.1/2

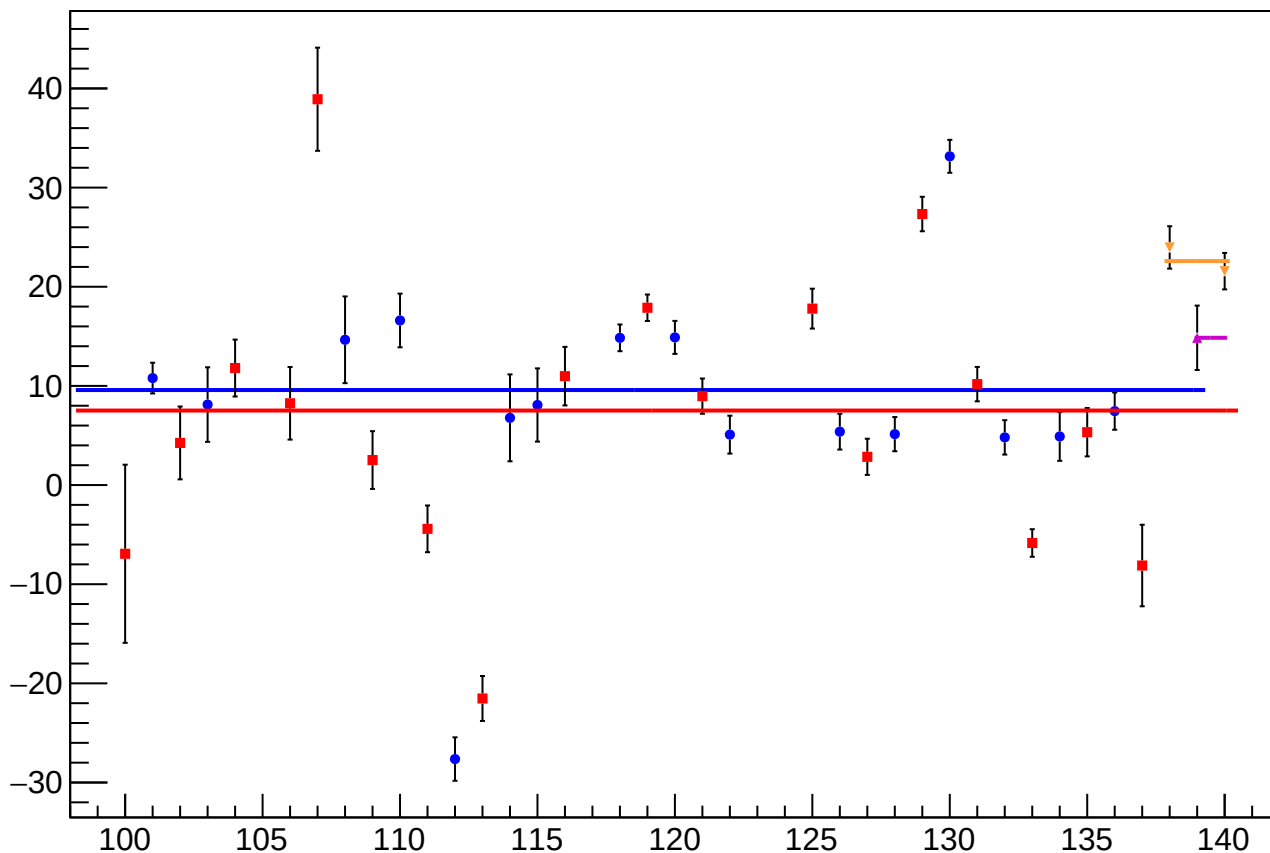
Right: 61.827 $\pm$ 0.591 χ^2 /NDF: 3239.7/33

In: 56.209 $\pm$ 0.770 χ^2 /NDF:1570.9/16

Out: 56.387 $\pm$ 0.721 χ^2 /NDF:2144.2/19

All: 56.304 $\pm$ 0.526 χ^2 /NDF: 3715.1/36

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 22.590 ± 1.394 $\chi^2/\text{NDF}: 0.7/1$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

Left In: 14.852 ± 3.248 $\chi^2/\text{NDF}: 0.0/0$

Left: 21.386 ± 1.281 $\chi^2/\text{NDF}: 5.5/2$

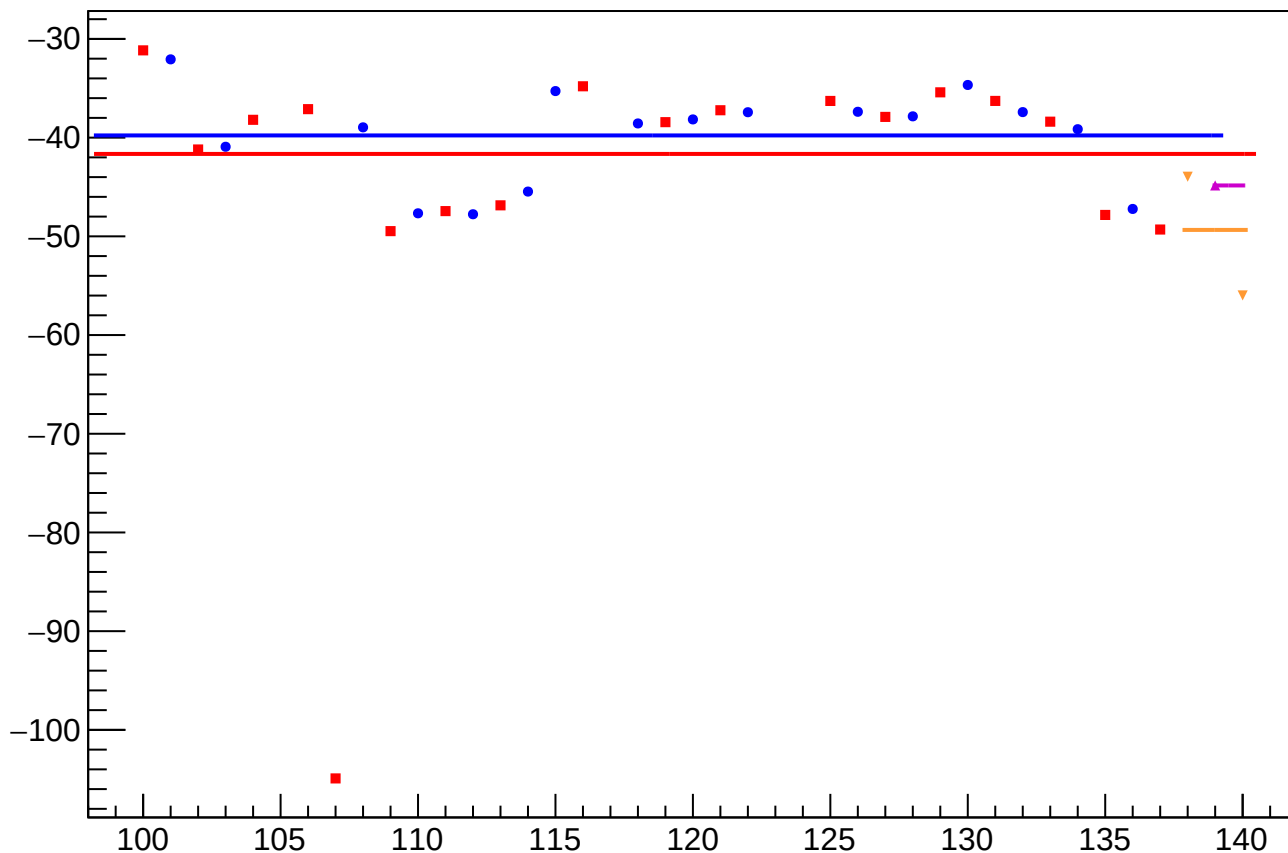
Right: 8.579 ± 0.359 $\chi^2/\text{NDF}: 1132.5/33$

In: 9.705 ± 0.495 $\chi^2/\text{NDF}: 557.0/16$

Out: 9.330 ± 0.484 $\chi^2/\text{NDF}: 673.4/19$

All: 9.513 ± 0.346 $\chi^2/\text{NDF}: 1230.6/36$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -49.350 ± 0.058 χ^2/NDF : 10634.7/1

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

Left In: -44.844 ± 0.071 χ^2/NDF : 0.0/0

Left: -47.560 ± 0.045 χ^2/NDF : 13032.7/2

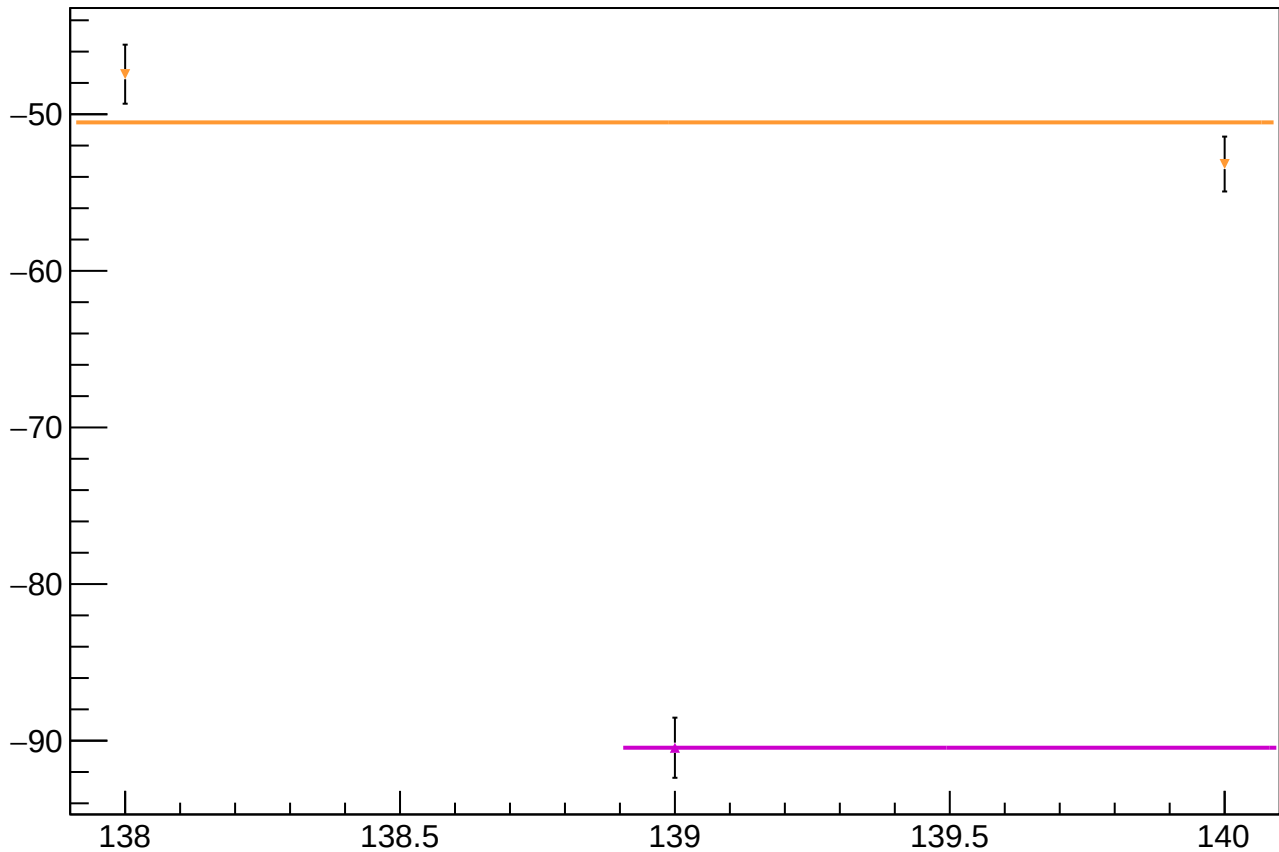
Right: -40.710 ± 0.022 χ^2/NDF : 122427.7/33

In: -40.583 ± 0.028 χ^2/NDF : 30390.4/16

Out: -43.378 ± 0.027 χ^2/NDF : 118763.5/19

All: -42.032 ± 0.020 χ^2/NDF : 154143.4/36

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -50.520+/-1.283 χ^2 /NDF: 5.0/1

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

Left In: -90.450+/-1.920 χ^2 /NDF: 0.0/0

Left: -62.848+/-1.067 χ^2 /NDF: 303.9/2

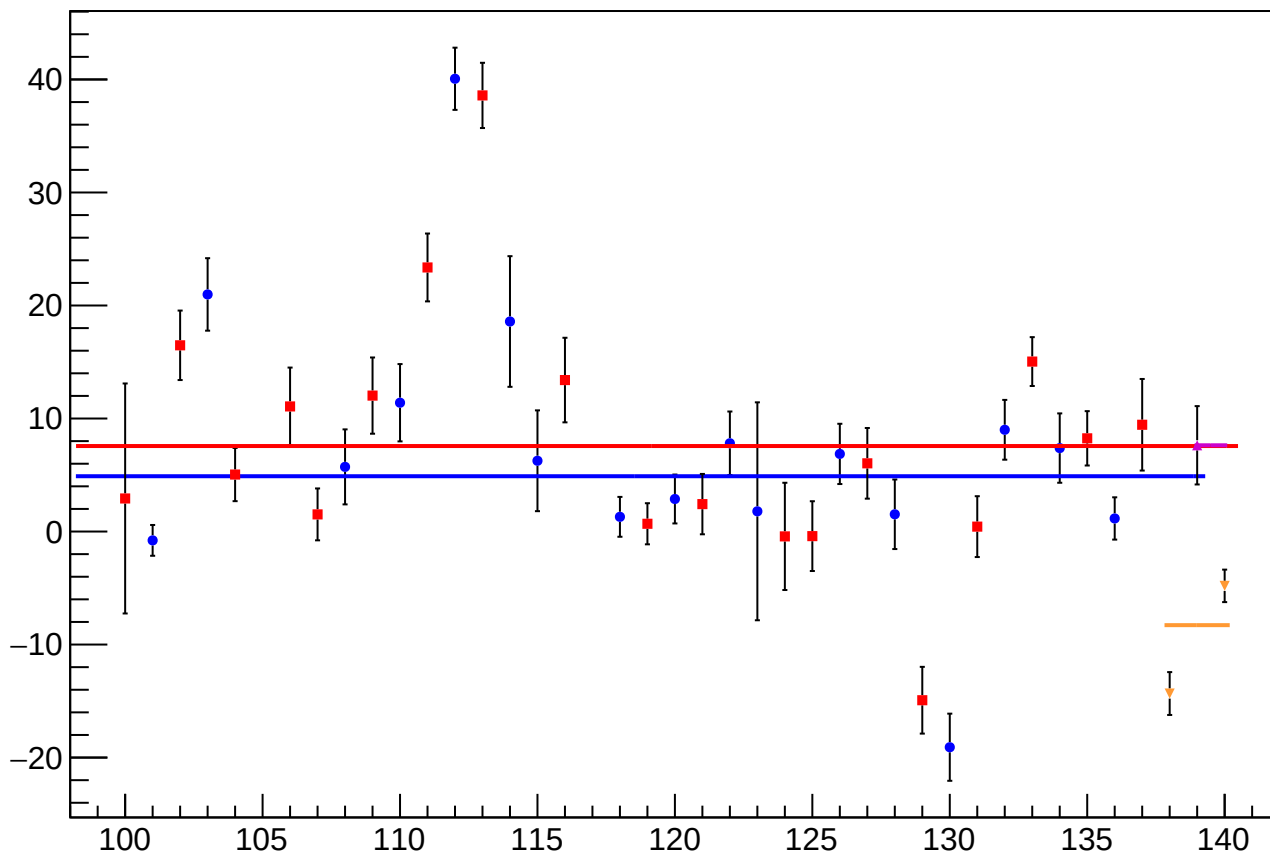
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -90.450+/-1.920 χ^2 /NDF: 0.0/0

Out: -50.520+/-1.283 χ^2 /NDF: 5.0/1

All: -62.848+/-1.067 χ^2 /NDF: 303.9/2

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 $\pm$ 0.621 χ^2/NDF : 295.4/16

Left Out: -8.284 $\pm$ 1.145 χ^2/NDF :16.0/1

Right Out: 7.565 $\pm$ 0.652 χ^2/NDF : 270.2/18

Left In: 7.631 $\pm$ 3.466 χ^2/NDF :0.0/0

Left: -6.717 $\pm$ 1.088 χ^2/NDF : 35.0/2

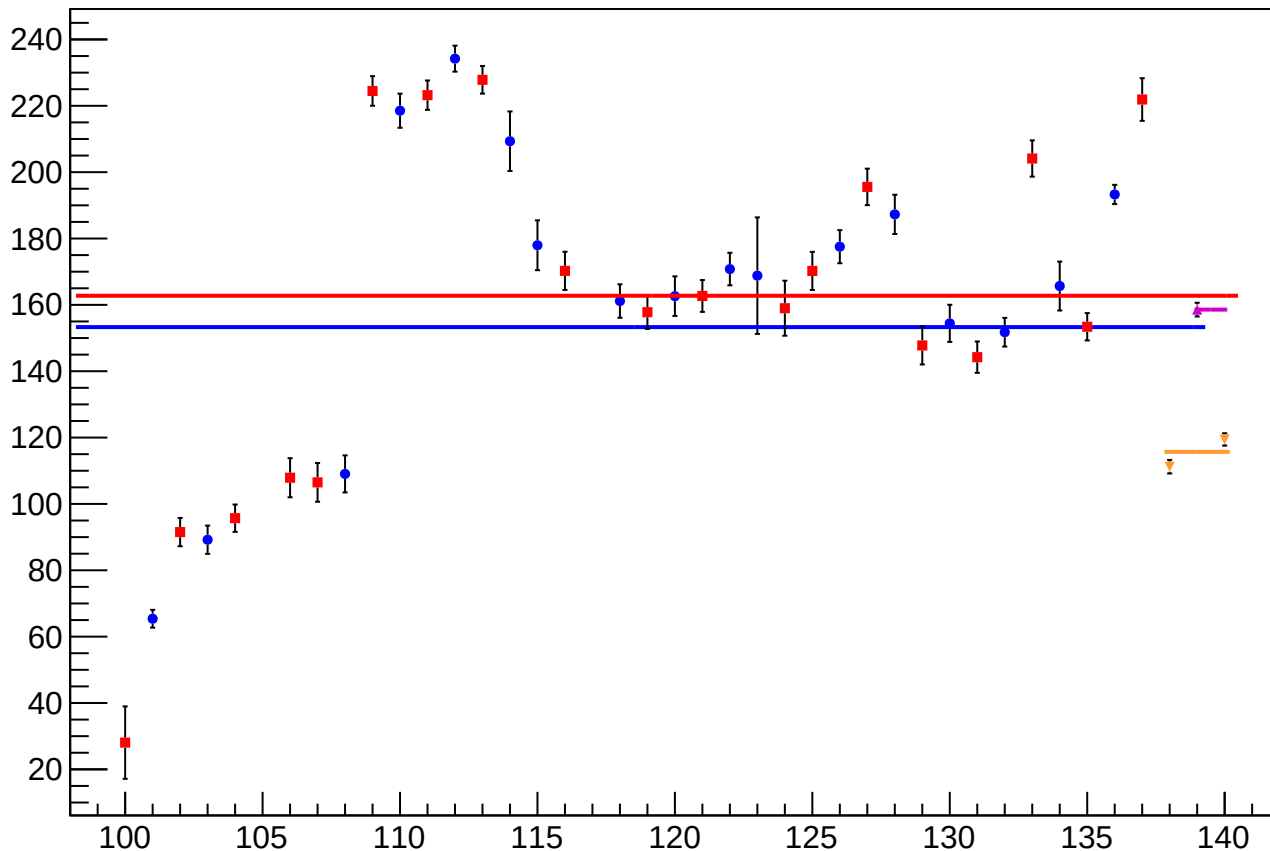
Right: 6.165 $\pm$ 0.450 χ^2/NDF : 574.4/35

In: 4.979 $\pm$ 0.611 χ^2/NDF :296.0/17

Out: 3.690 $\pm$ 0.566 χ^2/NDF :430.9/20

All: 4.285 $\pm$ 0.415 χ^2/NDF : 729.2/38

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 115.701 $\pm$ 1.378 χ^2 /NDF:8.8/1

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

Left In: 158.572 $\pm$ 2.078 χ^2 /NDF:0.0/0

Left: 128.789 $\pm$ 1.148 χ^2 /NDF: 304.4/2

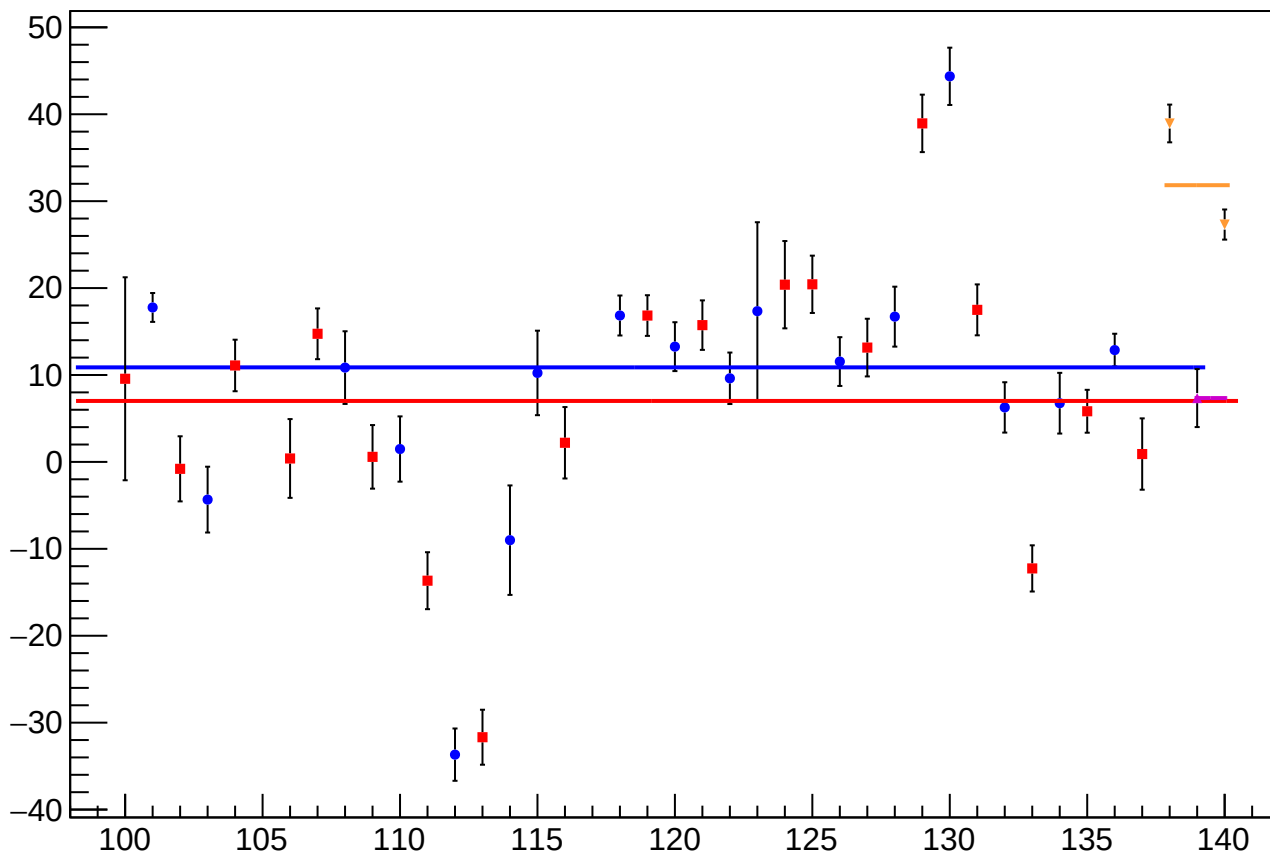
Right: 157.893 $\pm$ 0.820 χ^2 /NDF: 4008.6/35

In: 154.525 $\pm$ 1.003 χ^2 /NDF:2271.7/17

Out: 142.907 $\pm$ 0.895 χ^2 /NDF:2391.7/20

All: 148.057 $\pm$ 0.668 χ^2 /NDF: 4738.2/38

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 31.838 $\pm$ 1.355 χ^2 /NDF:17.5/1

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

Left In: 7.345 $\pm$ 3.337 χ^2 /NDF:0.0/0

Left: 28.373 $\pm$ 1.255 χ^2 /NDF: 63.8/2

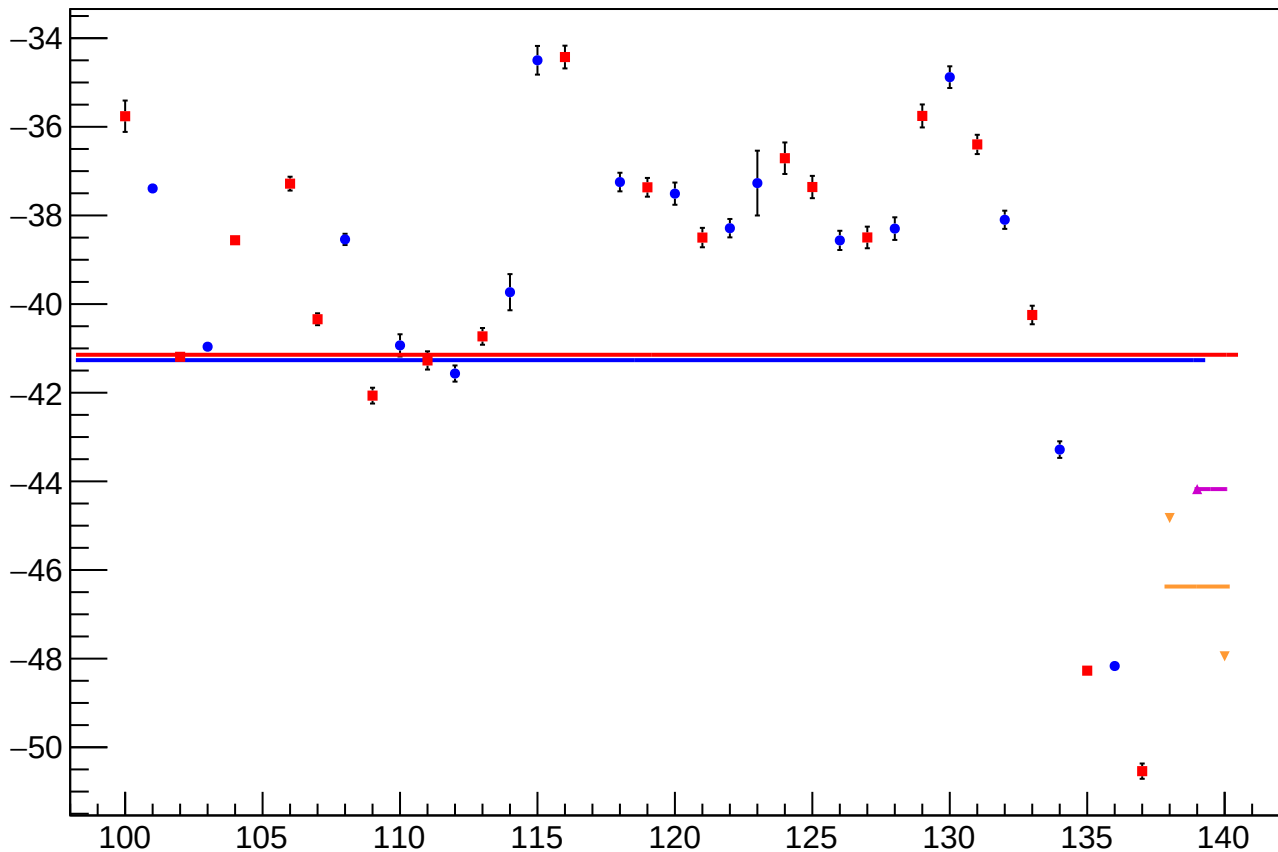
Right: 9.038 $\pm$ 0.516 χ^2 /NDF: 826.6/35

In: 10.723 $\pm$ 0.698 χ^2 /NDF:389.1/17

Out: 12.816 $\pm$ 0.655 χ^2 /NDF:699.4/20

All: 11.836 $\pm$ 0.477 χ^2 /NDF: 1093.3/38

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: -46.373 ± 0.057 $\chi^2/\text{NDF}: 739.9/1$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

Left In: -44.175 ± 0.073 $\chi^2/\text{NDF}: 0.0/0$

Left: -45.539 ± 0.045 $\chi^2/\text{NDF}: 1297.8/2$

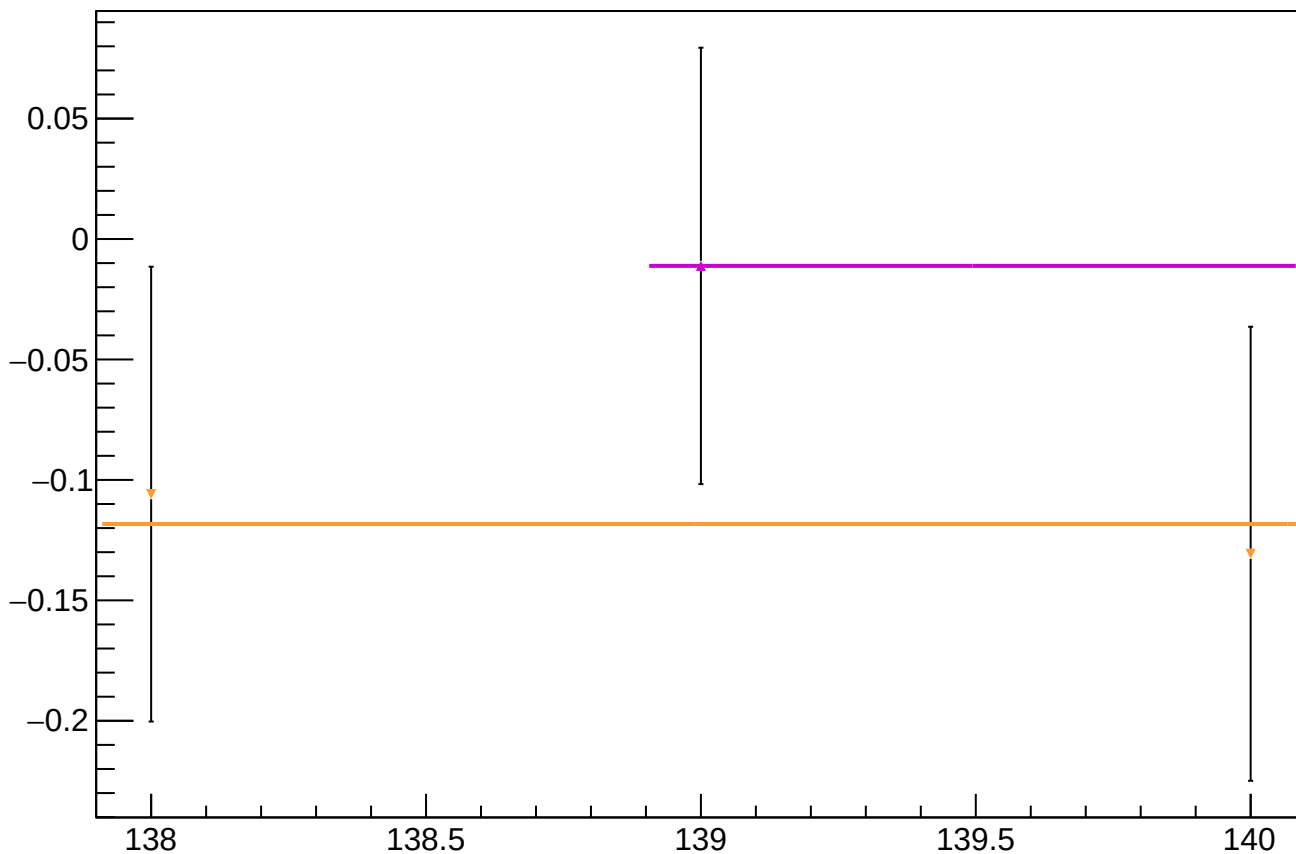
Right: -41.205 ± 0.027 $\chi^2/\text{NDF}: 24793.7/35$

In: -41.894 ± 0.034 $\chi^2/\text{NDF}: 13804.2/17$

Out: -42.775 ± 0.032 $\chi^2/\text{NDF}: 18678.1/20$

All: -42.362 ± 0.023 $\chi^2/\text{NDF}: 32837.0/38$

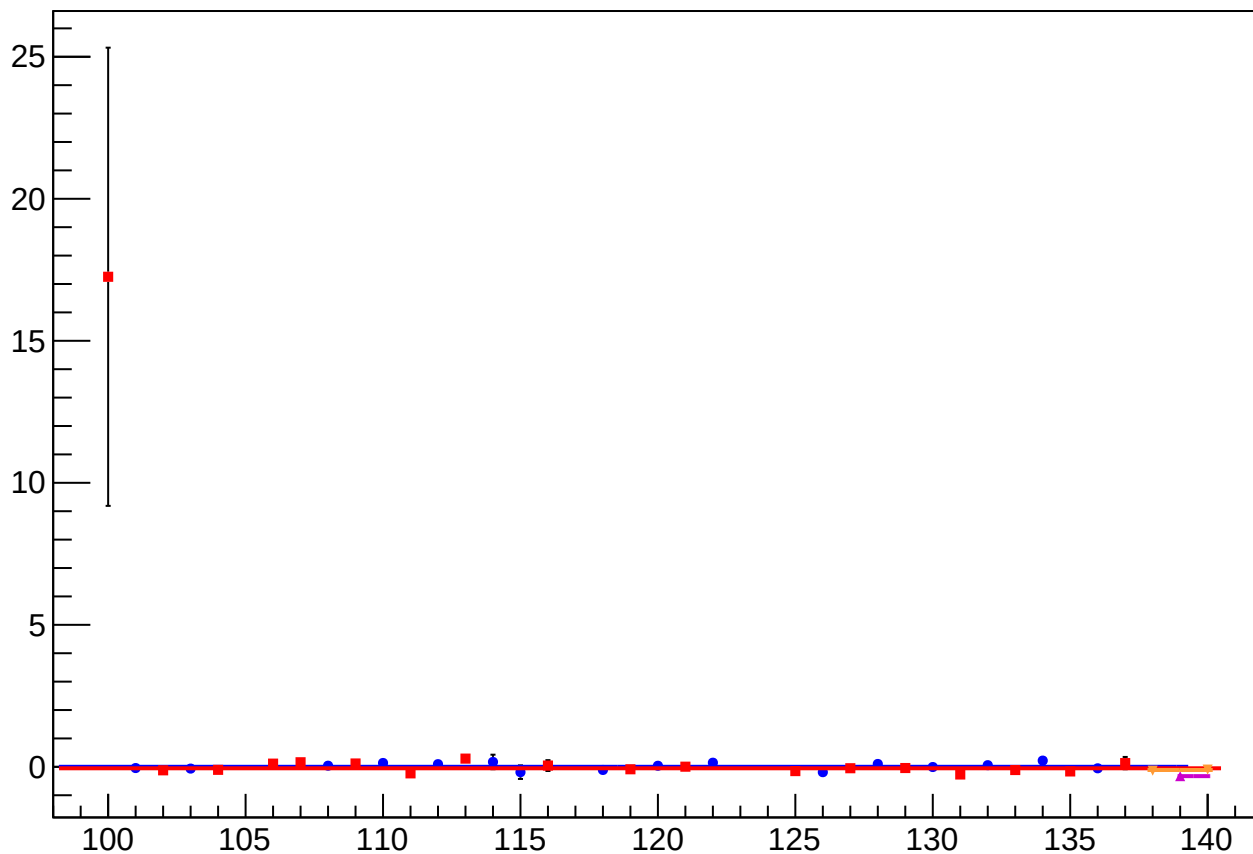
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.118+/-0.067 χ^2/NDF : 0.0/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.011+/-0.091 χ^2/NDF : 0.0/0

Left: -0.081+/-0.054 χ^2/NDF : 0.9/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.011+/-0.091 χ^2/NDF : 0.0/0
 Out: -0.118+/-0.067 χ^2/NDF : 0.0/1
 All: -0.081+/-0.054 χ^2/NDF : 0.9/2

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: -0.111 ± 0.062 $\chi^2/\text{NDF}: 0.1/1$

Right Out: -0.051 ± 0.029 $\chi^2/\text{NDF}: 25.8/17$

Left In: -0.327 ± 0.164 $\chi^2/\text{NDF}: 0.0/0$

Left: -0.138 ± 0.058 $\chi^2/\text{NDF}: 1.6/2$

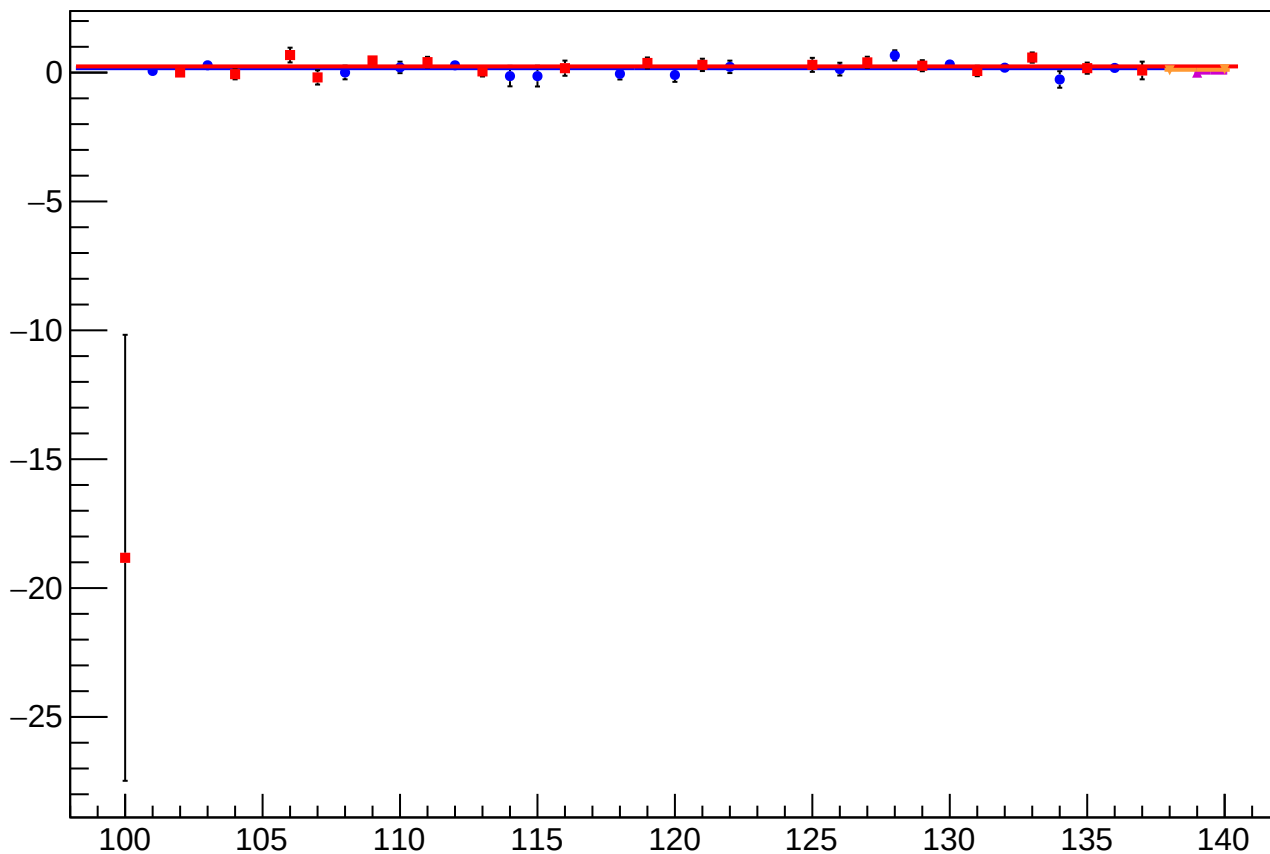
Right: -0.024 ± 0.020 $\chi^2/\text{NDF}: 40.0/33$

In: -0.008 ± 0.028 $\chi^2/\text{NDF}: 16.4/16$

Out: -0.062 ± 0.027 $\chi^2/\text{NDF}: 26.7/19$

All: -0.036 ± 0.019 $\chi^2/\text{NDF}: 45.1/36$

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: 0.109 $\pm$ 0.072 χ^2 /NDF:0.1/1

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

Left In: -0.002 $\pm$ 0.098 χ^2 /NDF:0.0/0

Left: 0.070 $\pm$ 0.058 χ^2 /NDF: 0.9/2

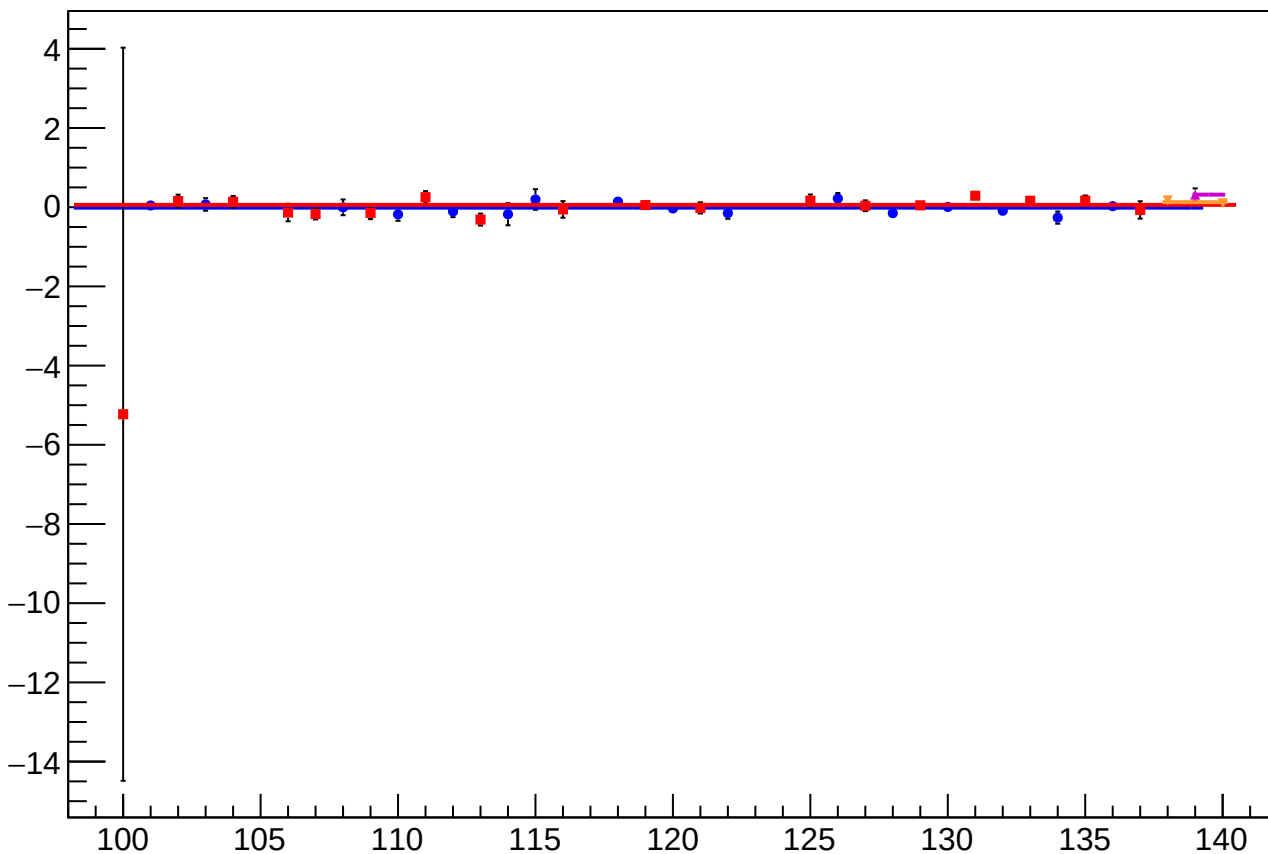
Right: 0.204 $\pm$ 0.038 χ^2 /NDF: 36.3/33

In: 0.132 $\pm$ 0.046 χ^2 /NDF:16.1/16

Out: 0.192 $\pm$ 0.043 χ^2 /NDF:24.0/19

All: 0.164 $\pm$ 0.031 χ^2 /NDF: 40.9/36

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: 0.127 $\pm$ 0.072 χ^2 /NDF:0.2/1

Right Out: 0.059 $\pm$ 0.034 χ^2 /NDF: 20.6/17

Left In: 0.317 $\pm$ 0.158 χ^2 /NDF:0.0/0

Left: 0.160 $\pm$ 0.066 χ^2 /NDF: 1.4/2

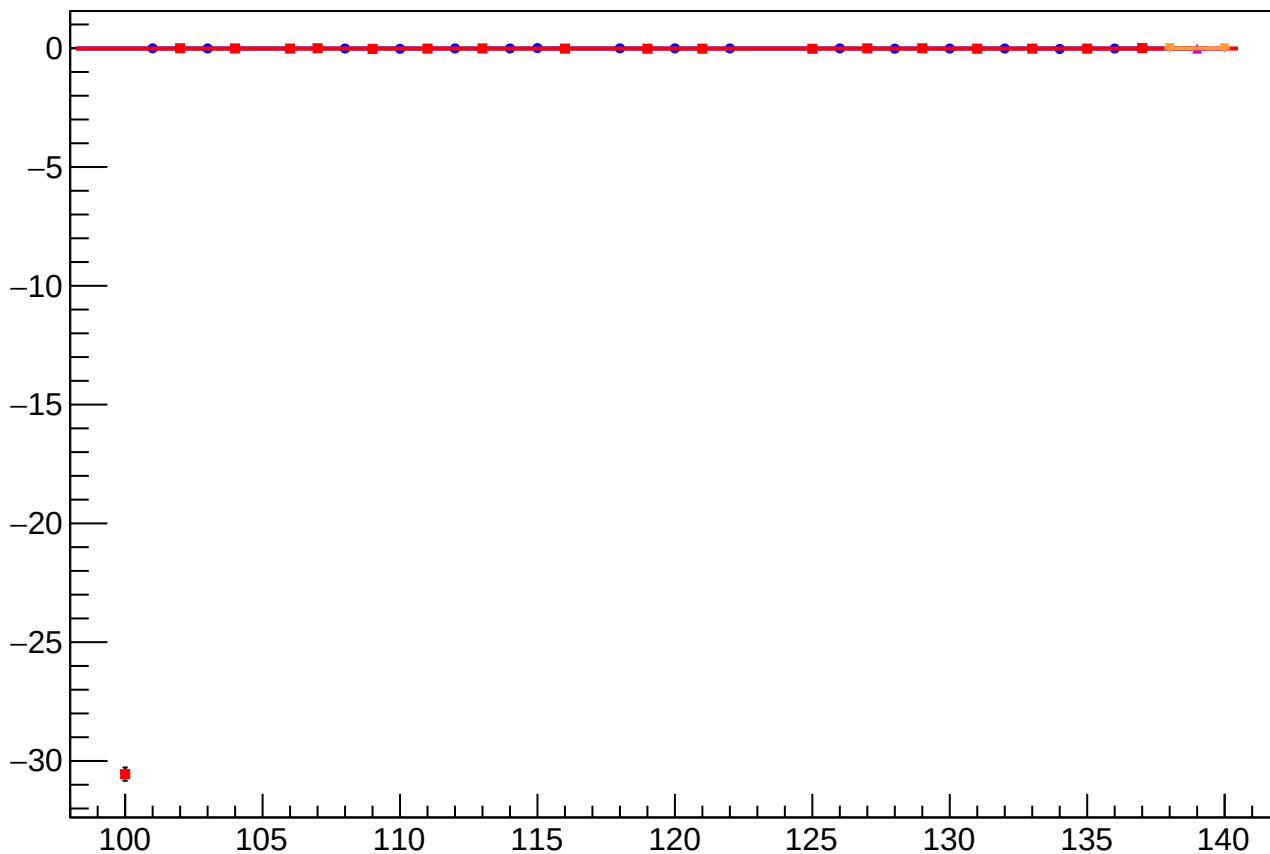
Right: 0.022 $\pm$ 0.023 χ^2 /NDF: 36.5/33

In: 0.002 $\pm$ 0.032 χ^2 /NDF:17.9/16

Out: 0.071 $\pm$ 0.031 χ^2 /NDF:21.6/19

All: 0.038 $\pm$ 0.022 χ^2 /NDF: 41.9/36

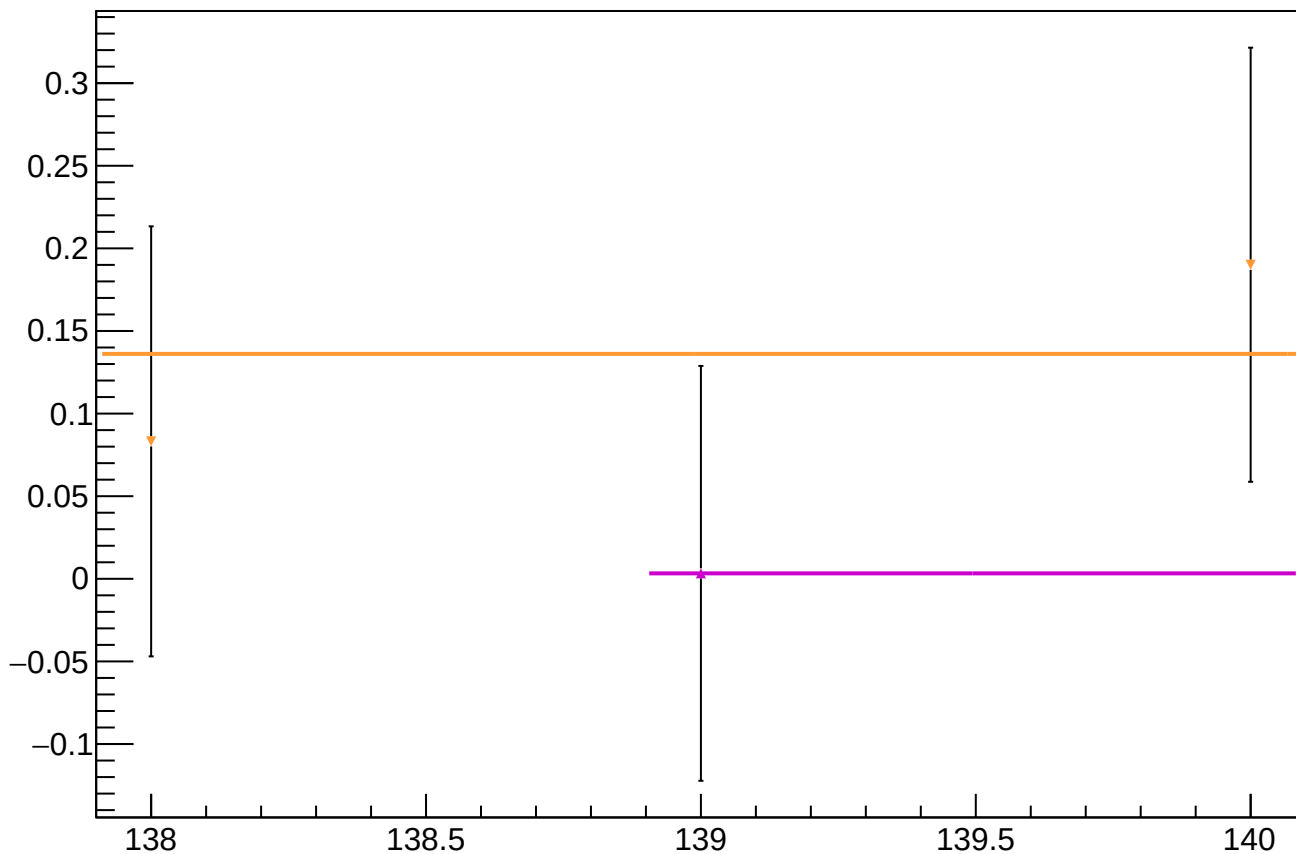
reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15
 Left Out: -0.005 $\pm$ 0.003 χ^2 /NDF: 2.1/1
 Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17
 Left In: -0.015 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Left: -0.010 $\pm$ 0.002 χ^2 /NDF: 6.9/2
 Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11904.4/33
 In: -0.013 $\pm$ 0.002 χ^2 /NDF: 13.8/16
 Out: -0.010 $\pm$ 0.002 χ^2 /NDF: 11897.4/19
 All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11912.2/36

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: 0.136 $\pm$ 0.092 χ^2/NDF : 0.3/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.003 $\pm$ 0.126 χ^2/NDF : 0.0/0

Left: 0.089 $\pm$ 0.074 χ^2/NDF : 1.1/2

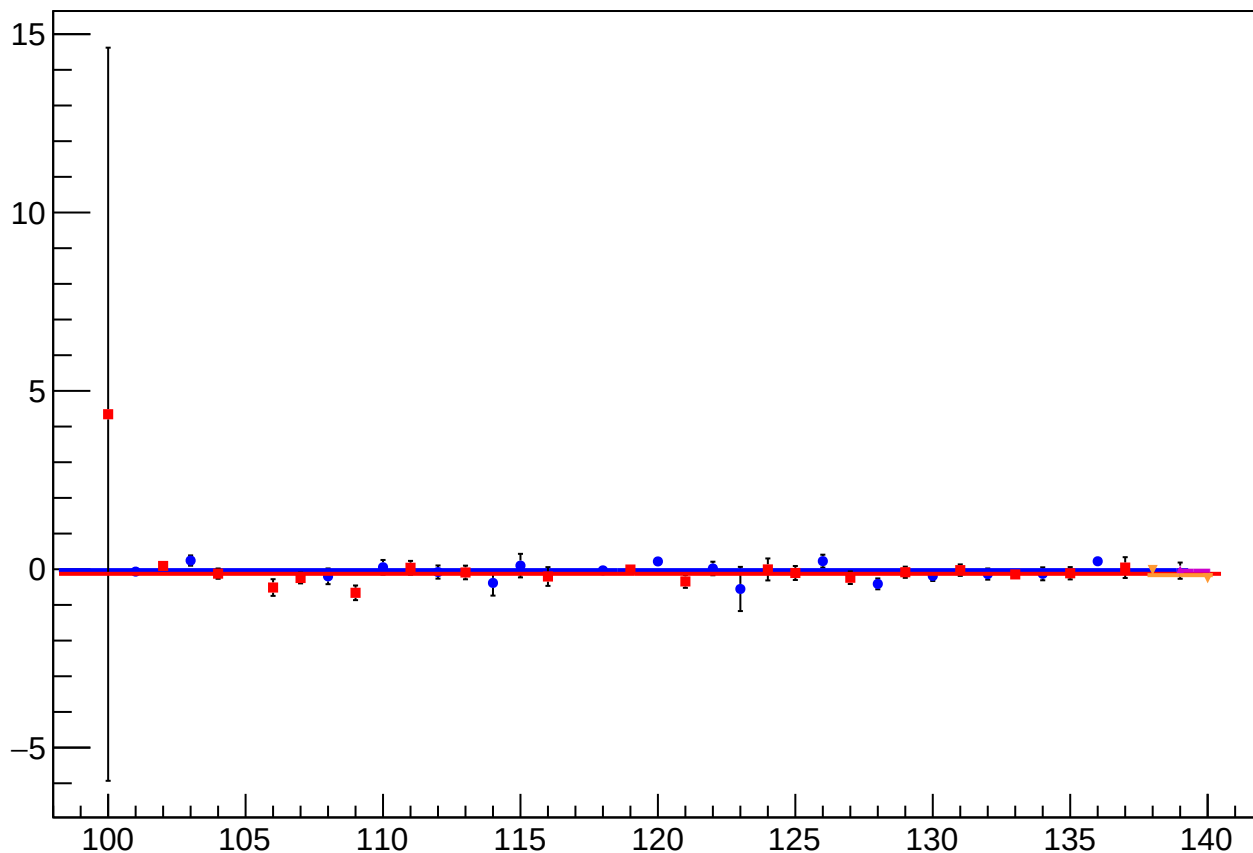
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 0.003 $\pm$ 0.126 χ^2/NDF : 0.0/0

Out: 0.136 $\pm$ 0.092 χ^2/NDF : 0.3/1

All: 0.089 $\pm$ 0.074 χ^2/NDF : 1.1/2

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.166 ± 0.086 χ^2/NDF : 1.7/1

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

Left In: -0.040 ± 0.227 χ^2/NDF : 0.0/0

Left: -0.151 ± 0.080 χ^2/NDF : 2.0/2

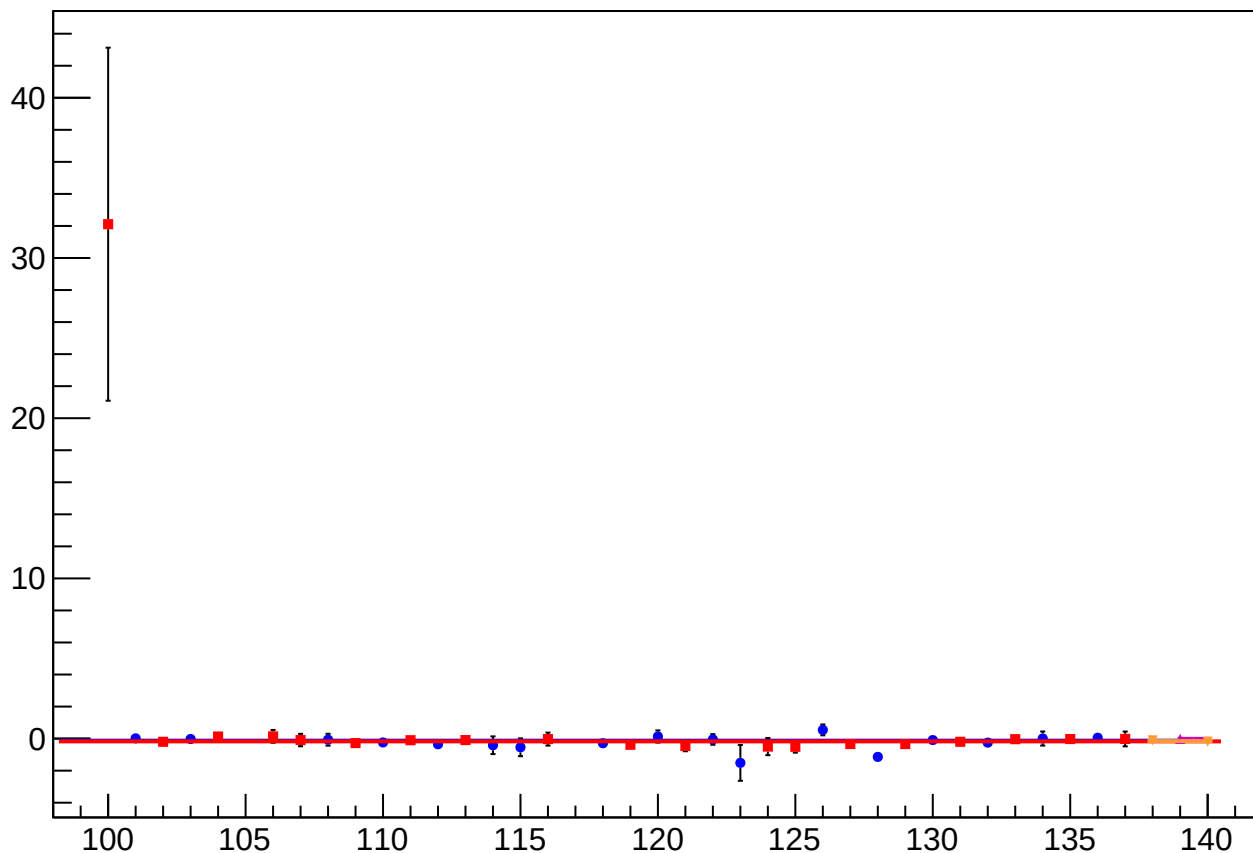
Right: -0.072 ± 0.027 χ^2/NDF : 44.7/35

In: -0.025 ± 0.036 χ^2/NDF : 23.4/17

Out: -0.135 ± 0.036 χ^2/NDF : 19.5/20

All: -0.080 ± 0.025 χ^2/NDF : 47.6/38

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.152 ± 0.099 χ^2/NDF : 0.2/1

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

Left In: -0.015 ± 0.136 χ^2/NDF : 0.0/0

Left: -0.104 ± 0.080 χ^2/NDF : 0.8/2

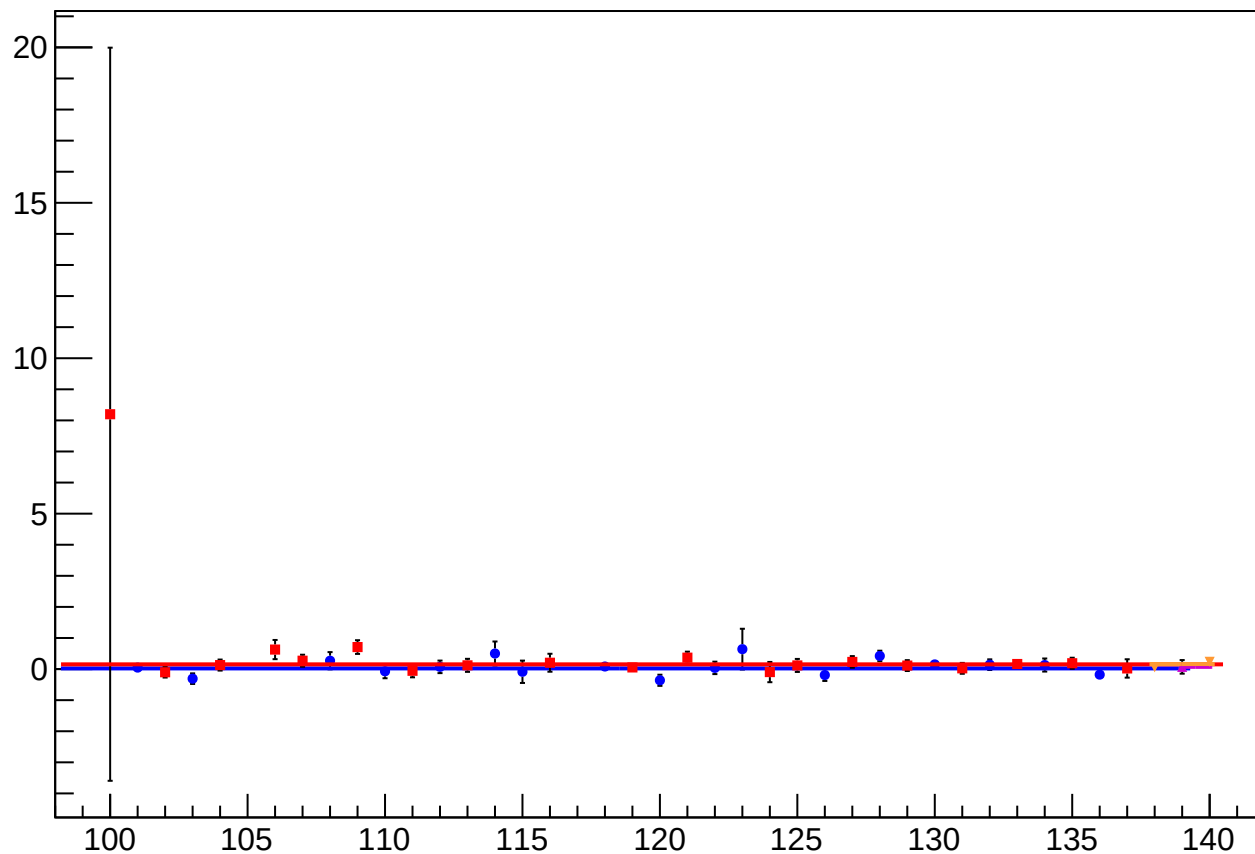
Right: -0.149 ± 0.049 χ^2/NDF : 39.0/35

In: -0.107 ± 0.060 χ^2/NDF : 24.3/17

Out: -0.165 ± 0.058 χ^2/NDF : 15.2/20

All: -0.137 ± 0.042 χ^2/NDF : 40.0/38

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Left Out: 0.161+/-0.100 χ^2/NDF : 0.8/1

Right Out: 0.152+/-0.045 χ^2/NDF : 16.2/18

Left In: 0.071+/-0.219 χ^2/NDF : 0.0/0

Left: 0.146+/-0.091 χ^2/NDF : 0.9/2

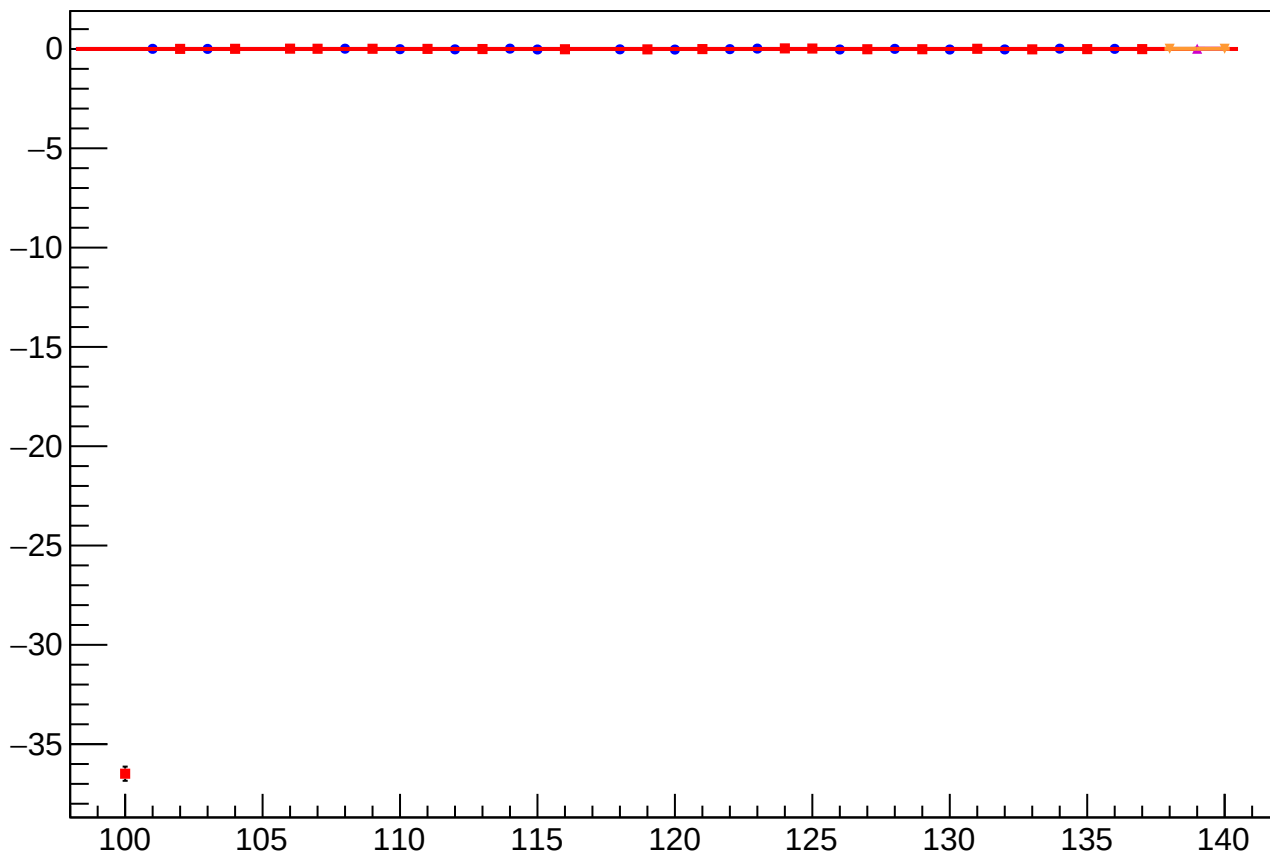
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.023+/-0.042 χ^2/NDF : 22.6/17

Out: 0.154+/-0.041 χ^2/NDF : 17.0/20

All: 0.088+/-0.029 χ^2/NDF : 44.5/38

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: 0.012 $\pm$ 0.004 χ^2 /NDF:0.0/1

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

Left In: 0.013 $\pm$ 0.005 χ^2 /NDF:0.0/0

Left: 0.012 $\pm$ 0.003 χ^2 /NDF: 0.1/2

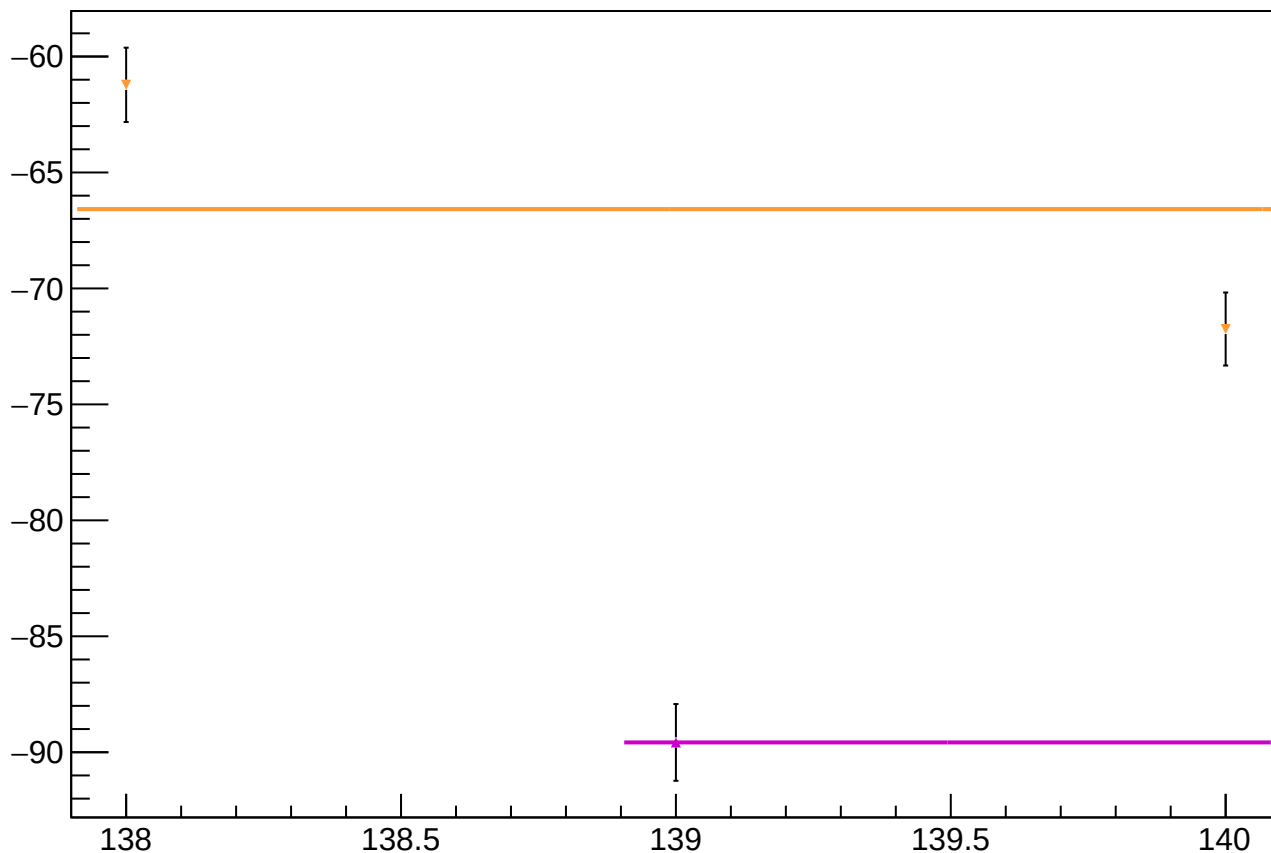
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.5/35

In: 0.003 $\pm$ 0.002 χ^2 /NDF:37.6/17

Out: 0.004 $\pm$ 0.002 χ^2 /NDF:10454.5/20

All: 0.003 $\pm$ 0.001 χ^2 /NDF: 10492.0/38

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: -66.579+/-1.123 χ^2/NDF :22.0/1

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

Left In: -89.576+/-1.655 χ^2/NDF :0.0/0

Left: -73.827+/-0.929 χ^2/NDF : 154.2/2

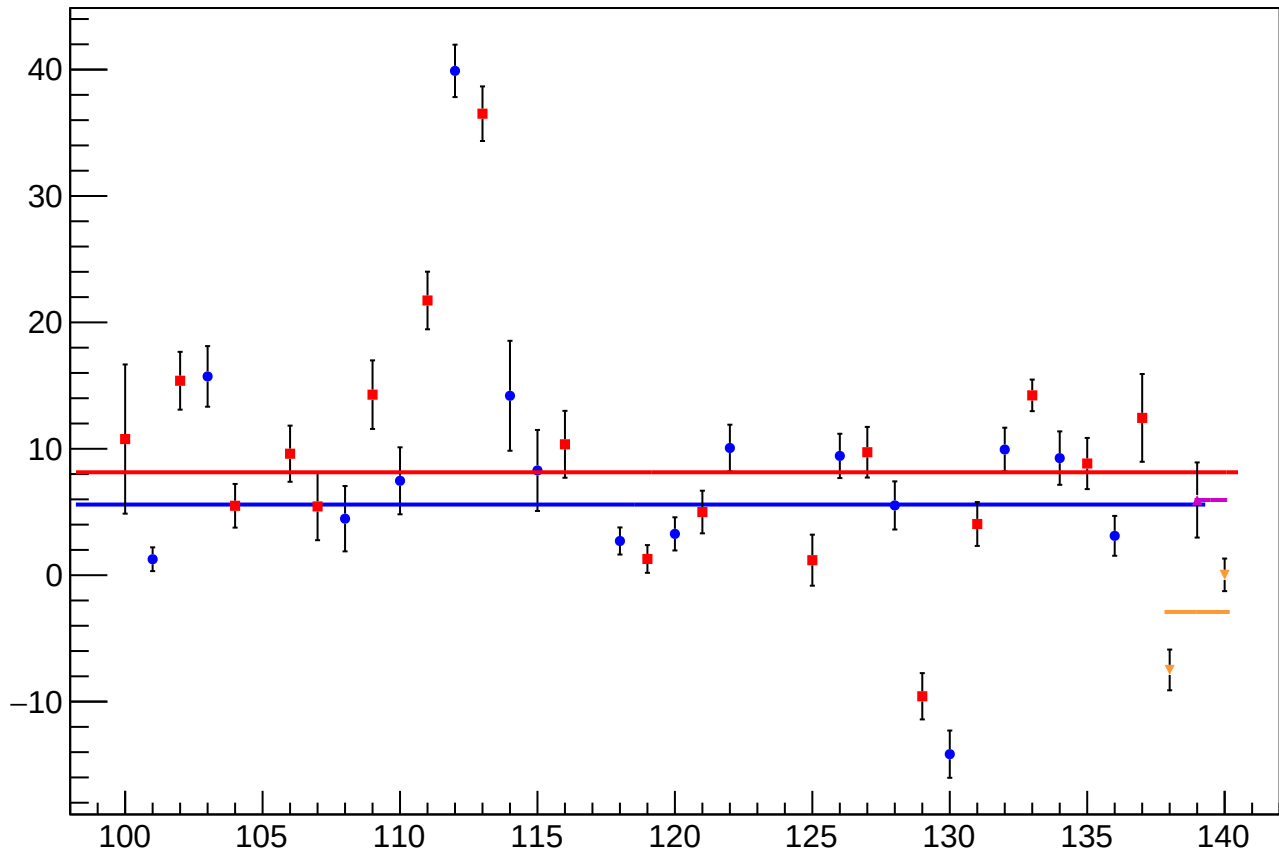
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -89.576+/-1.655 χ^2/NDF :0.0/0

Out: -66.579+/-1.123 χ^2/NDF :22.0/1

All: -73.827+/-0.929 χ^2/NDF : 154.2/2

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589+/-0.424 χ^2/NDF : 462.8/15

Left Out: -2.909+/-1.006 χ^2/NDF : 13.3/1

Right Out: 8.142+/-0.454 χ^2/NDF : 407.7/17

Left In: 5.949+/-2.973 χ^2/NDF : 0.0/0

Left: -1.998+/-0.953 χ^2/NDF : 21.3/2

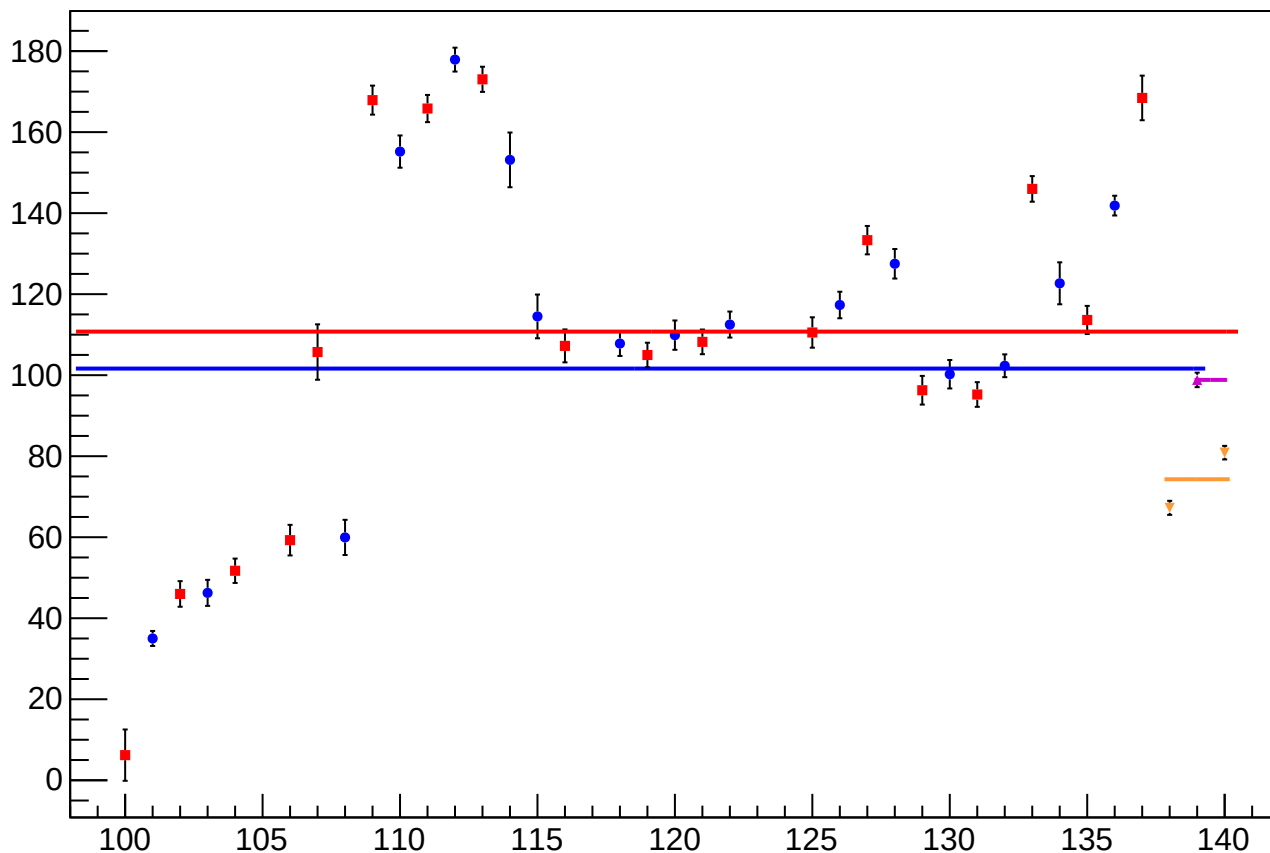
Right: 6.778+/-0.310 χ^2/NDF : 887.4/33

In: 5.596+/-0.419 χ^2/NDF : 462.8/16

Out: 6.276+/-0.414 χ^2/NDF : 521.2/19

All: 5.941+/-0.294 χ^2/NDF : 985.3/36

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631 ± 0.807 χ^2/NDF : 2978.9/15

Left Out: 74.305 ± 1.206 χ^2/NDF : 31.8/1

Right Out: 110.756 ± 0.836 χ^2/NDF : 2513.0/17

Left In: 98.835 ± 1.793 χ^2/NDF : 0.0/0

Left: 81.946 ± 1.001 χ^2/NDF : 160.8/2

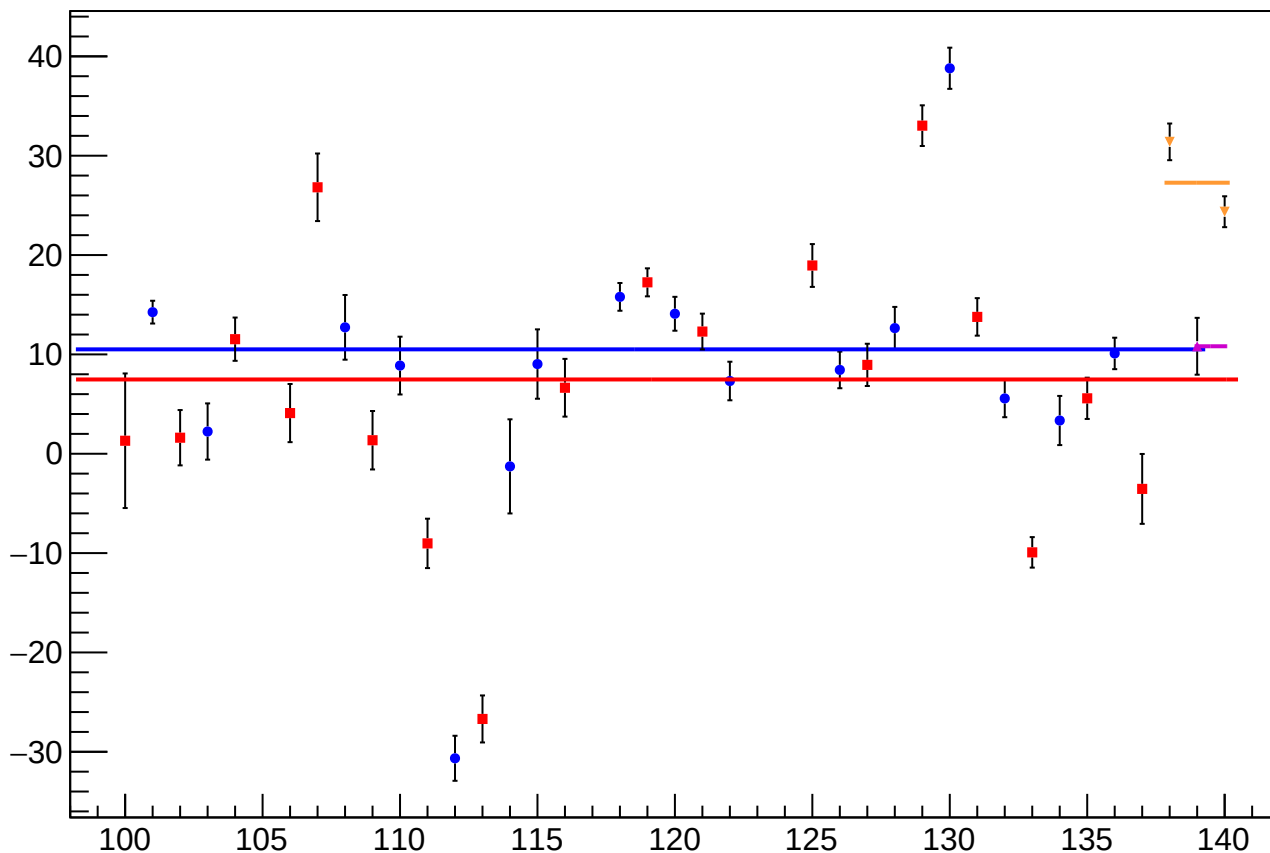
Right: 106.031 ± 0.581 χ^2/NDF : 5553.5/33

In: 101.160 ± 0.736 χ^2/NDF : 2980.9/16

Out: 98.920 ± 0.687 χ^2/NDF : 3161.8/19

All: 99.964 ± 0.502 χ^2/NDF : 6147.7/36

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: 27.282 $\pm$ 1.189 χ^2 /NDF: 8.5/1

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

Left In: 10.818 $\pm$ 2.861 χ^2 /NDF: 0.0/0

Left: 24.856 $\pm$ 1.098 χ^2 /NDF: 36.7/2

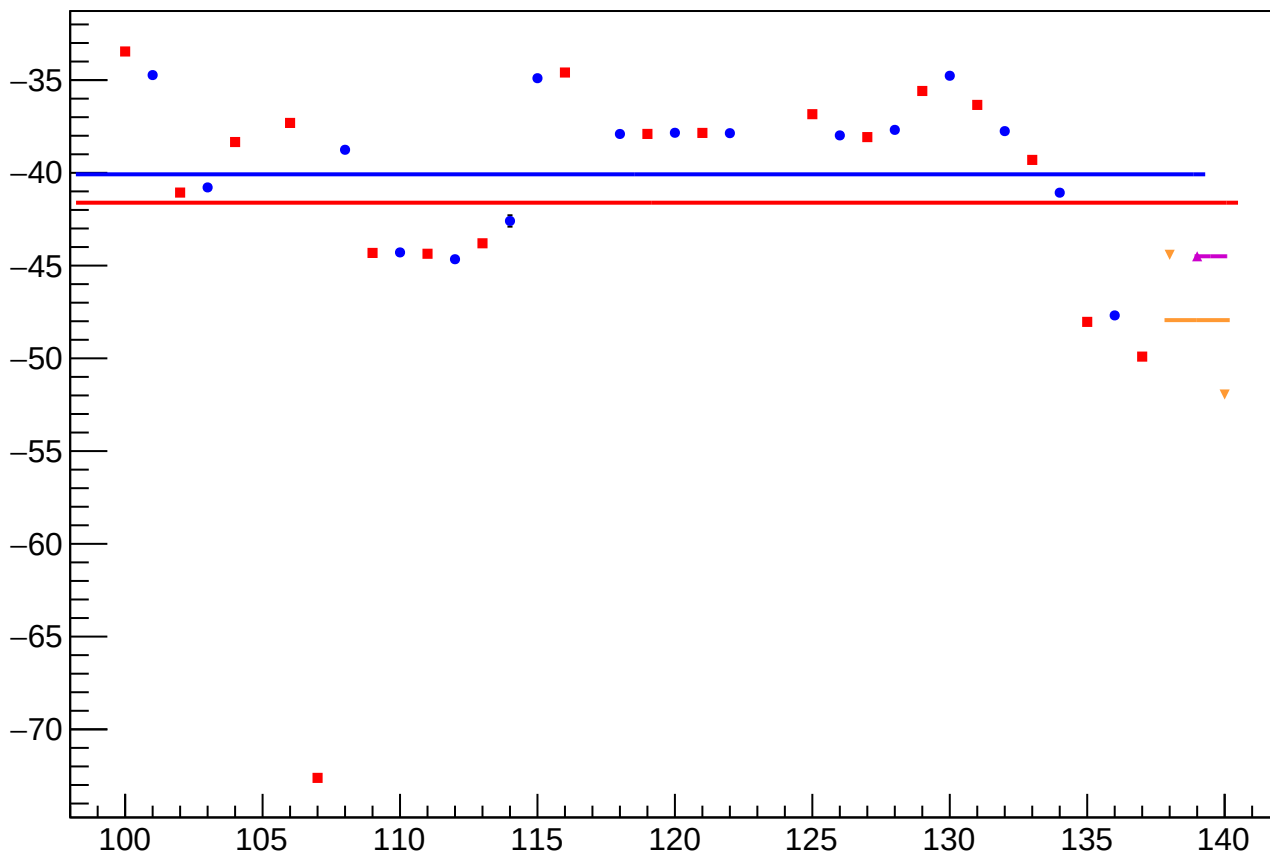
Right: 9.088 $\pm$ 0.359 χ^2 /NDF: 1288.6/33

In: 10.517 $\pm$ 0.485 χ^2 /NDF: 581.5/16

Out: 10.697 $\pm$ 0.480 χ^2 /NDF: 930.1/19

All: 10.608 $\pm$ 0.341 χ^2 /NDF: 1511.7/36

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: -47.940 ± 0.050 χ^2/NDF : 5625.7/1

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

Left In: -44.498 ± 0.063 χ^2/NDF : 0.0/0

Left: -46.604 ± 0.039 χ^2/NDF : 7456.9/2

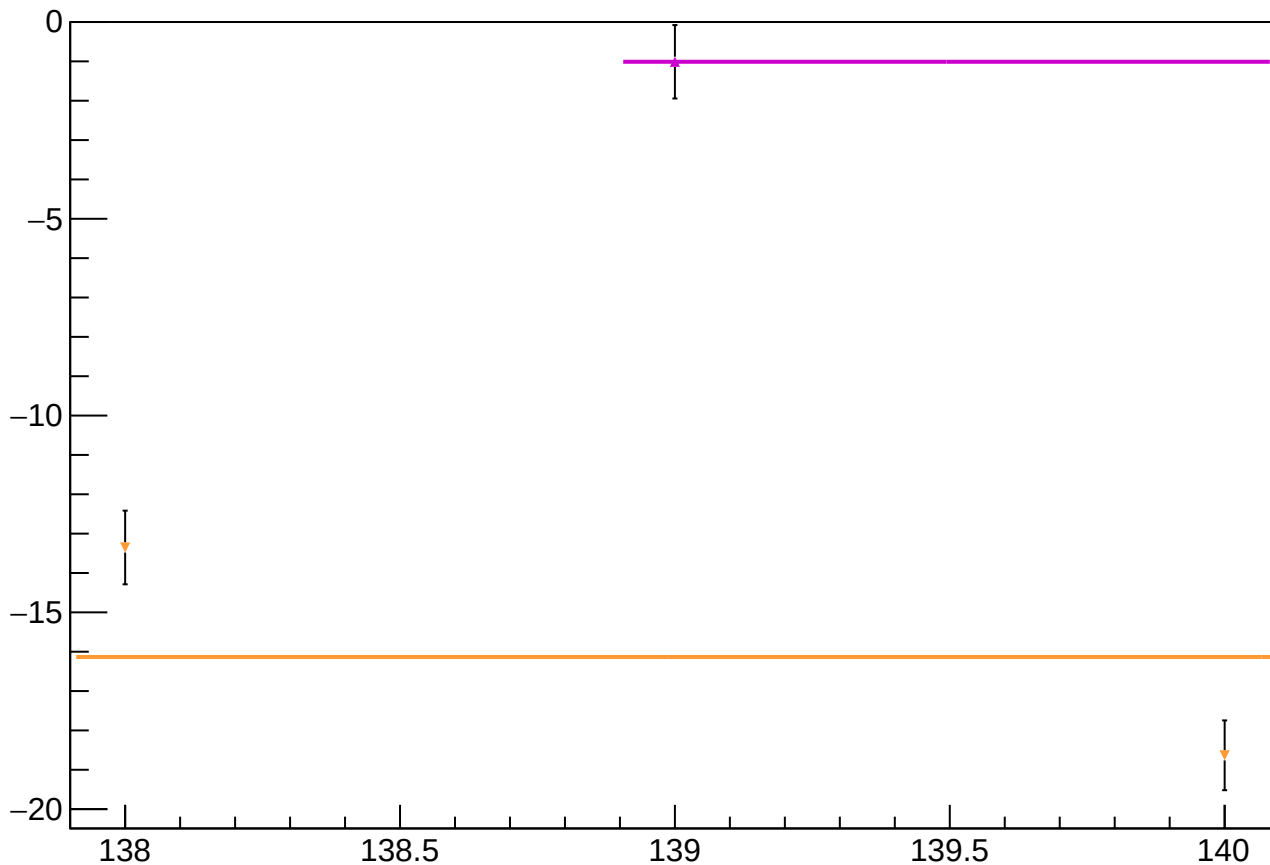
Right: -40.834 ± 0.020 χ^2/NDF : 88360.5/33

In: -40.819 ± 0.026 χ^2/NDF : 29231.3/16

Out: -43.163 ± 0.025 χ^2/NDF : 79455.8/19

All: -42.033 ± 0.018 χ^2/NDF : 112986.6/36

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -16.134 $\pm$ 0.644 χ^2 /NDF:16.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -1.010 $\pm$ 0.933 χ^2 /NDF:0.0/0

Left: -11.258 $\pm$ 0.530 χ^2 /NDF: 194.8/2

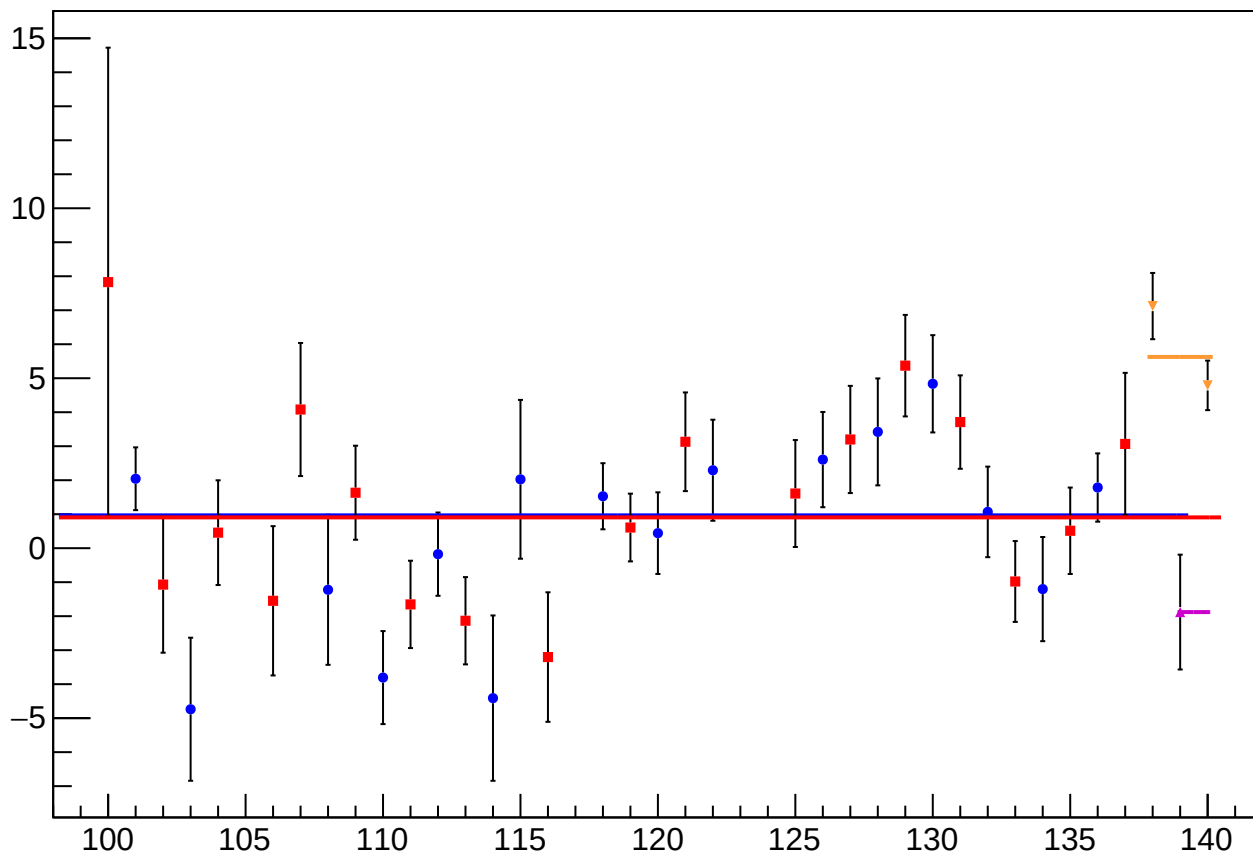
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.010 $\pm$ 0.933 χ^2 /NDF:0.0/0

Out: -16.134 $\pm$ 0.644 χ^2 /NDF:16.8/1

All: -11.258 $\pm$ 0.530 χ^2 /NDF: 194.8/2

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: 5.626 ± 0.584 χ^2/NDF : 3.7/1

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

Left In: -1.880 ± 1.689 χ^2/NDF : 0.0/0

Left: 4.826 ± 0.552 χ^2/NDF : 21.3/2

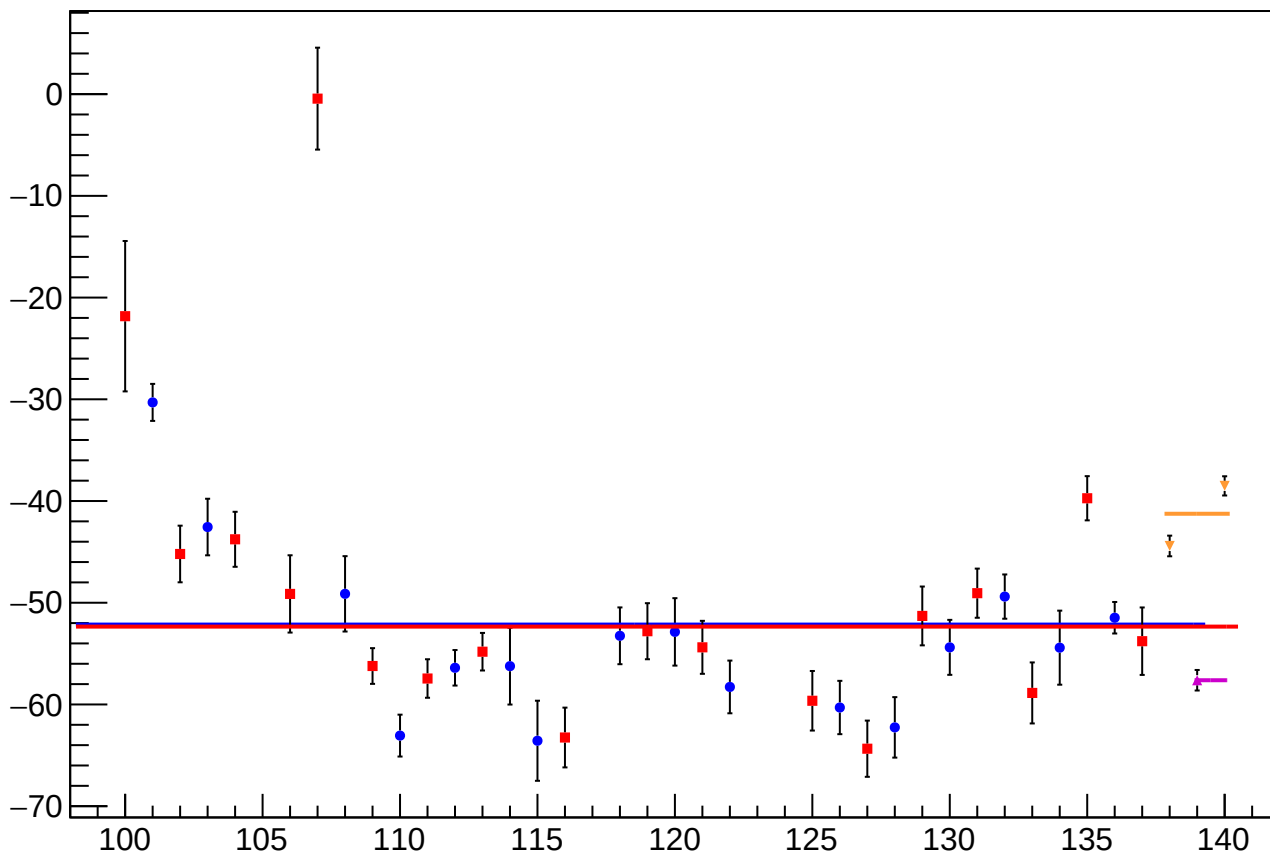
Right: 0.937 ± 0.244 χ^2/NDF : 84.9/33

In: 0.856 ± 0.332 χ^2/NDF : 45.7/16

Out: 2.174 ± 0.303 χ^2/NDF : 93.5/19

All: 1.575 ± 0.223 χ^2/NDF : 147.8/36

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -41.253 ± 0.691 χ^2/NDF : 18.2/1

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

Left In: -57.619 ± 1.010 χ^2/NDF : 0.0/0

Left: -46.477 ± 0.570 χ^2/NDF : 197.0/2

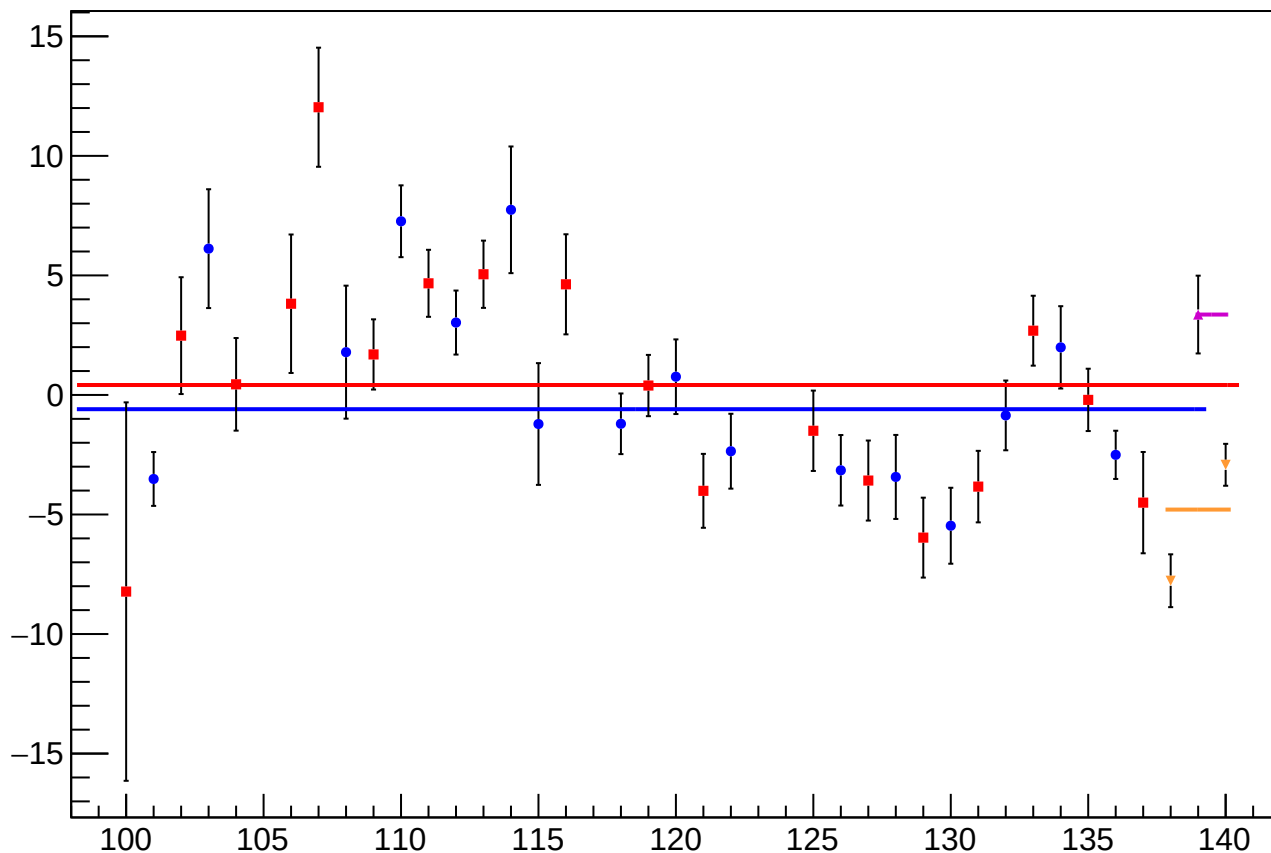
Right: -52.246 ± 0.434 χ^2/NDF : 466.0/33

In: -53.618 ± 0.523 χ^2/NDF : 251.7/16

Out: -47.439 ± 0.460 χ^2/NDF : 397.5/19

All: -50.131 ± 0.345 χ^2/NDF : 727.8/36

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: -4.795 ± 0.687 χ^2/NDF : 11.8/1

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

Left In: 3.363 ± 1.627 χ^2/NDF : 0.0/0

Left: -3.561 ± 0.633 χ^2/NDF : 33.2/2

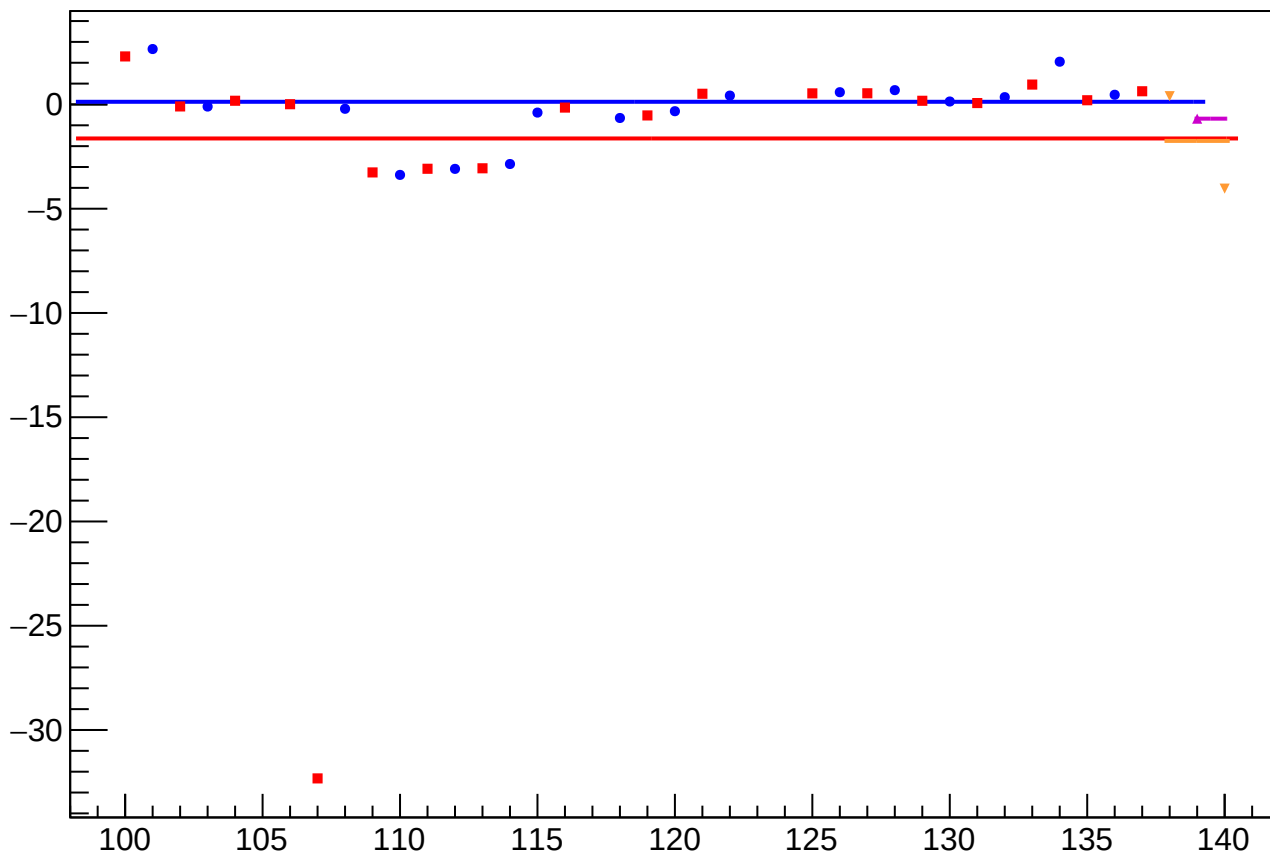
Right: -0.111 ± 0.277 χ^2/NDF : 181.7/33

In: -0.387 ± 0.374 χ^2/NDF : 88.2/16

Out: -0.903 ± 0.345 χ^2/NDF : 150.6/19

All: -0.665 ± 0.254 χ^2/NDF : 239.8/36

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: -1.749 ± 0.029 $\chi^2/\text{NDF}: 6030.7/1$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

Left In: -0.681 ± 0.036 $\chi^2/\text{NDF}: 0.0/0$

Left: -1.332 ± 0.022 $\chi^2/\text{NDF}: 6576.4/2$

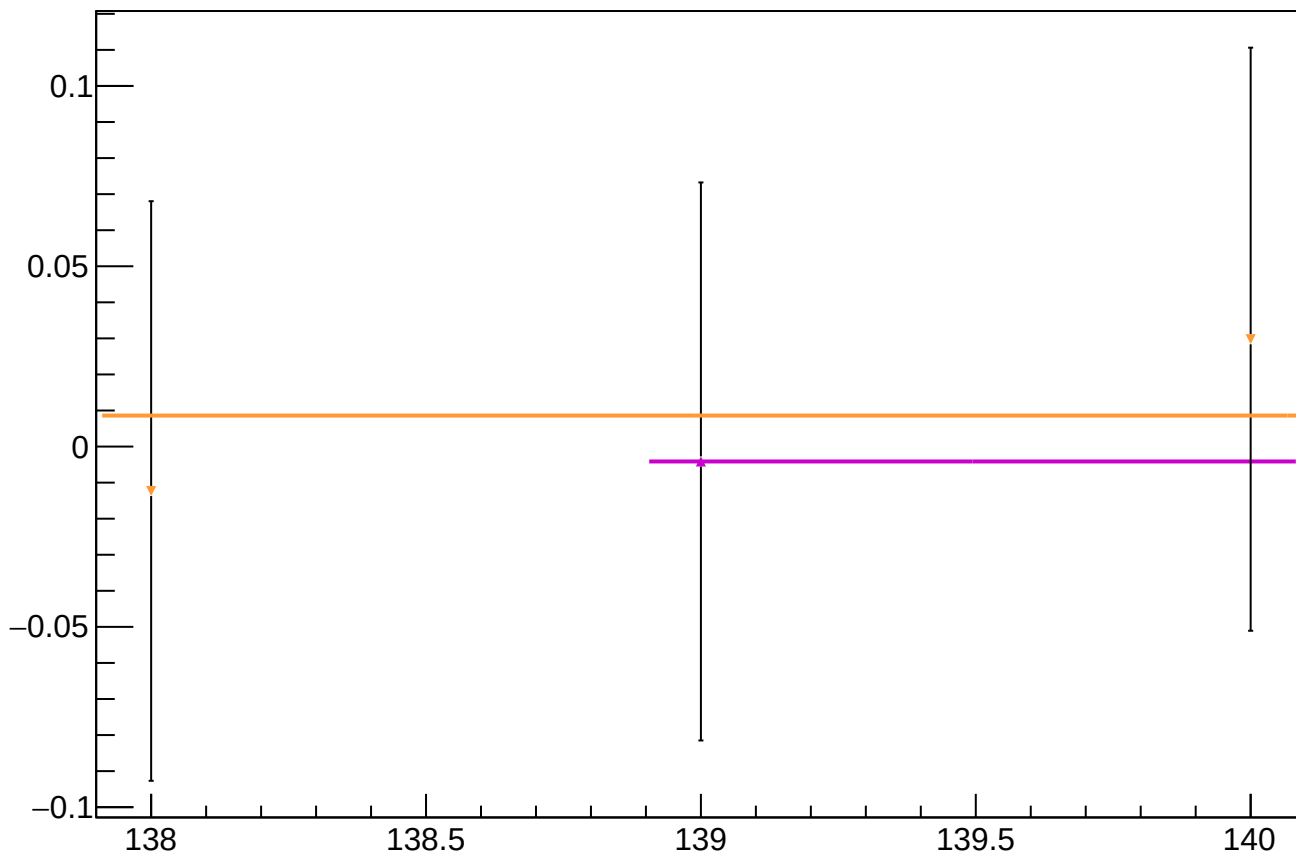
Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86433.1/33$

In: -0.087 ± 0.018 $\chi^2/\text{NDF}: 5630.2/16$

Out: -1.674 ± 0.017 $\chi^2/\text{NDF}: 83920.0/19$

All: -0.929 ± 0.013 $\chi^2/\text{NDF}: 93491.3/36$

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: 0.009+/-0.057 χ^2/NDF : 0.1/1

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

Left In: -0.004+/-0.077 χ^2/NDF : 0.0/0

Left: 0.004+/-0.046 χ^2/NDF : 0.2/2

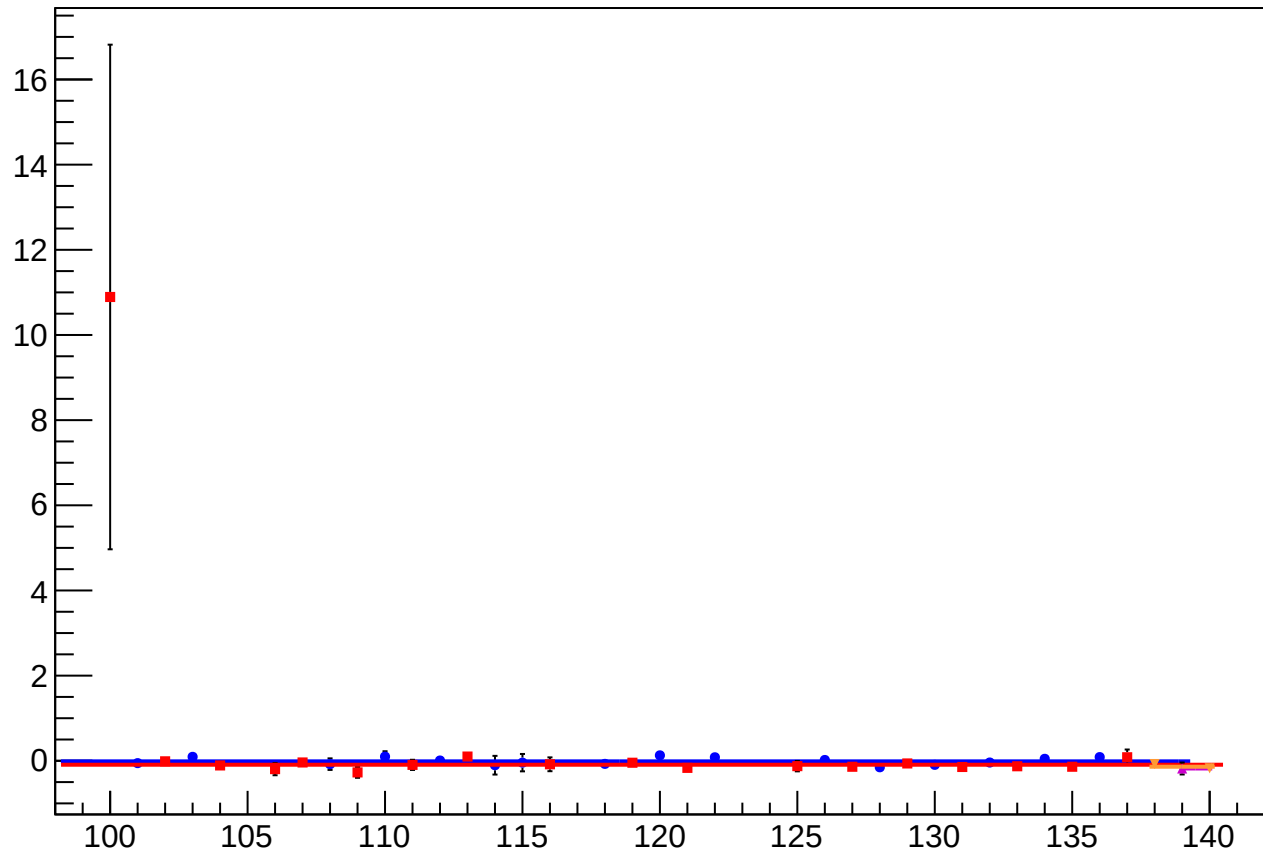
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.004+/-0.077 χ^2/NDF : 0.0/0

Out: 0.009+/-0.057 χ^2/NDF : 0.1/1

All: 0.004+/-0.046 χ^2/NDF : 0.2/2

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 12.2/15

Left Out: -0.139 $\pm$ 0.053 χ^2 /NDF:0.9/1

Right Out: -0.092 $\pm$ 0.025 χ^2 /NDF: 12.7/17

Left In: -0.181 $\pm$ 0.140 χ^2 /NDF:0.0/0

Left: -0.144 $\pm$ 0.049 χ^2 /NDF: 0.9/2

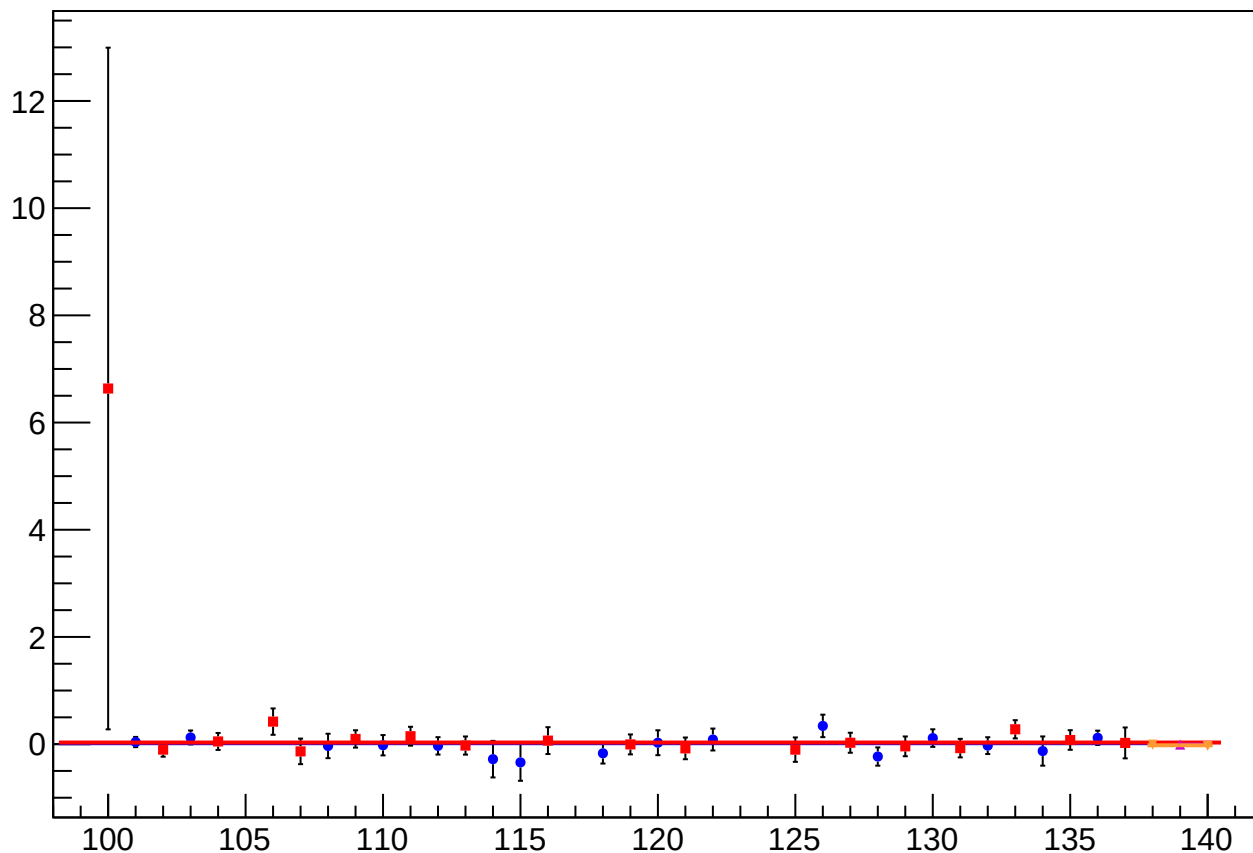
Right: -0.050 $\pm$ 0.017 χ^2 /NDF: 30.3/33

In: -0.017 $\pm$ 0.023 χ^2 /NDF:13.6/16

Out: -0.101 $\pm$ 0.022 χ^2 /NDF:14.2/19

All: -0.060 $\pm$ 0.016 χ^2 /NDF: 34.5/36

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: -0.022 $\pm$ 0.061 χ^2 /NDF: 0.0/1

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

Left In: -0.008 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Left: -0.017 $\pm$ 0.049 χ^2 /NDF: 0.1/2

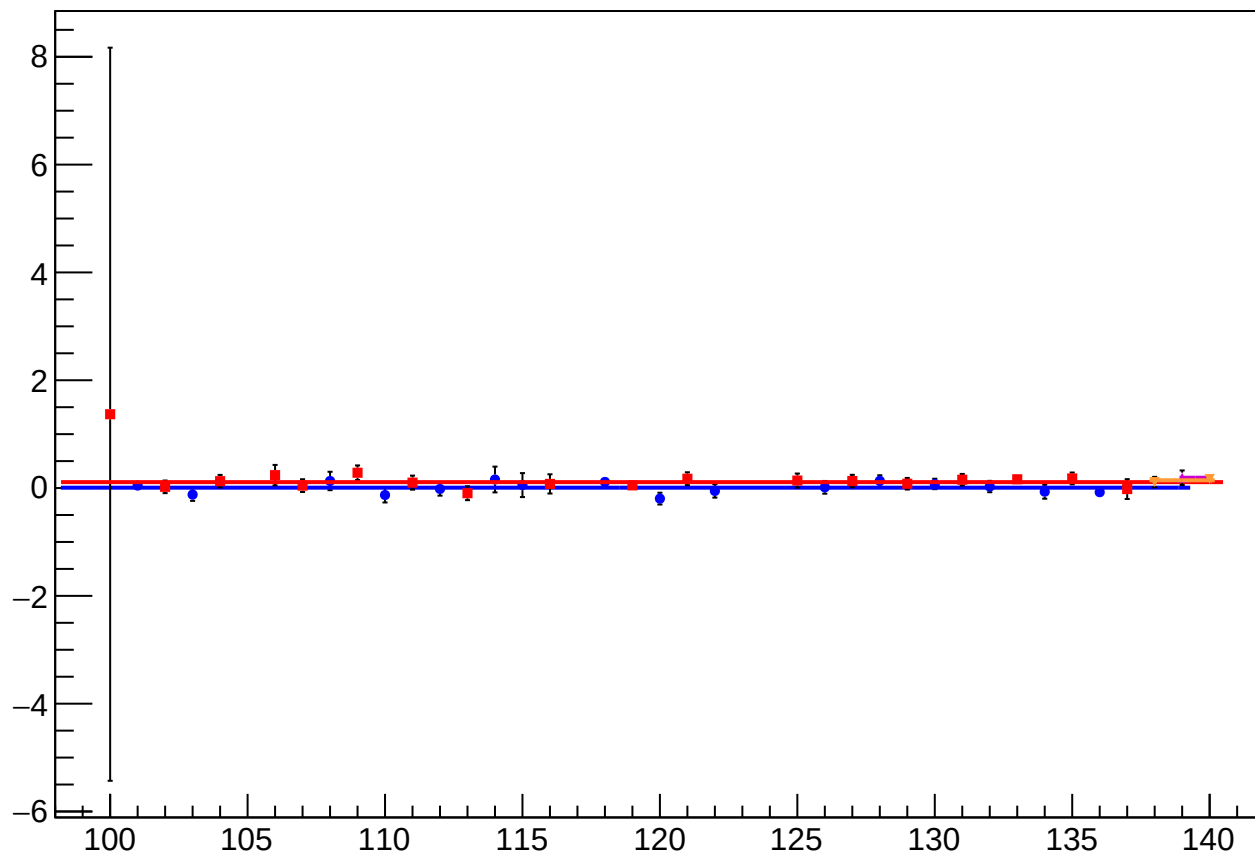
Right: 0.023 $\pm$ 0.031 χ^2 /NDF: 18.9/33

In: 0.012 $\pm$ 0.038 χ^2 /NDF: 9.7/16

Out: 0.012 $\pm$ 0.036 χ^2 /NDF: 9.7/19

All: 0.012 $\pm$ 0.026 χ^2 /NDF: 19.4/36

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: 0.144 $\pm$ 0.062 χ^2 /NDF: 0.2/1

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

Left In: 0.191 $\pm$ 0.135 χ^2 /NDF: 0.0/0

Left: 0.152 $\pm$ 0.056 χ^2 /NDF: 0.3/2

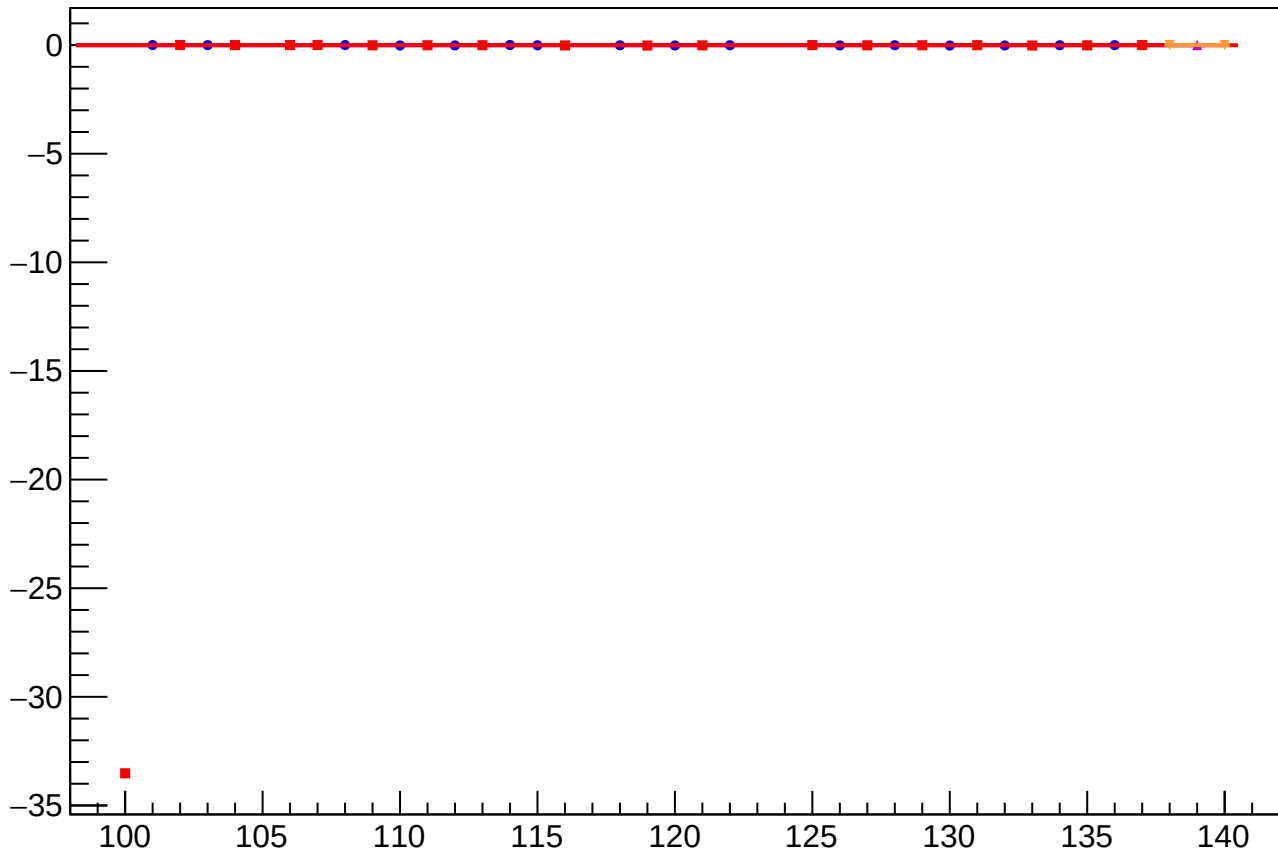
Right: 0.055 $\pm$ 0.020 χ^2 /NDF: 27.0/33

In: 0.014 $\pm$ 0.026 χ^2 /NDF: 13.9/16

Out: 0.116 $\pm$ 0.026 χ^2 /NDF: 8.4/19

All: 0.066 $\pm$ 0.019 χ^2 /NDF: 29.9/36

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: 0.003 $\pm$ 0.003 χ^2 /NDF:0.7/1

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.001 $\pm$ 0.003 χ^2 /NDF:0.0/0

Left: 0.001 $\pm$ 0.002 χ^2 /NDF: 1.8/2

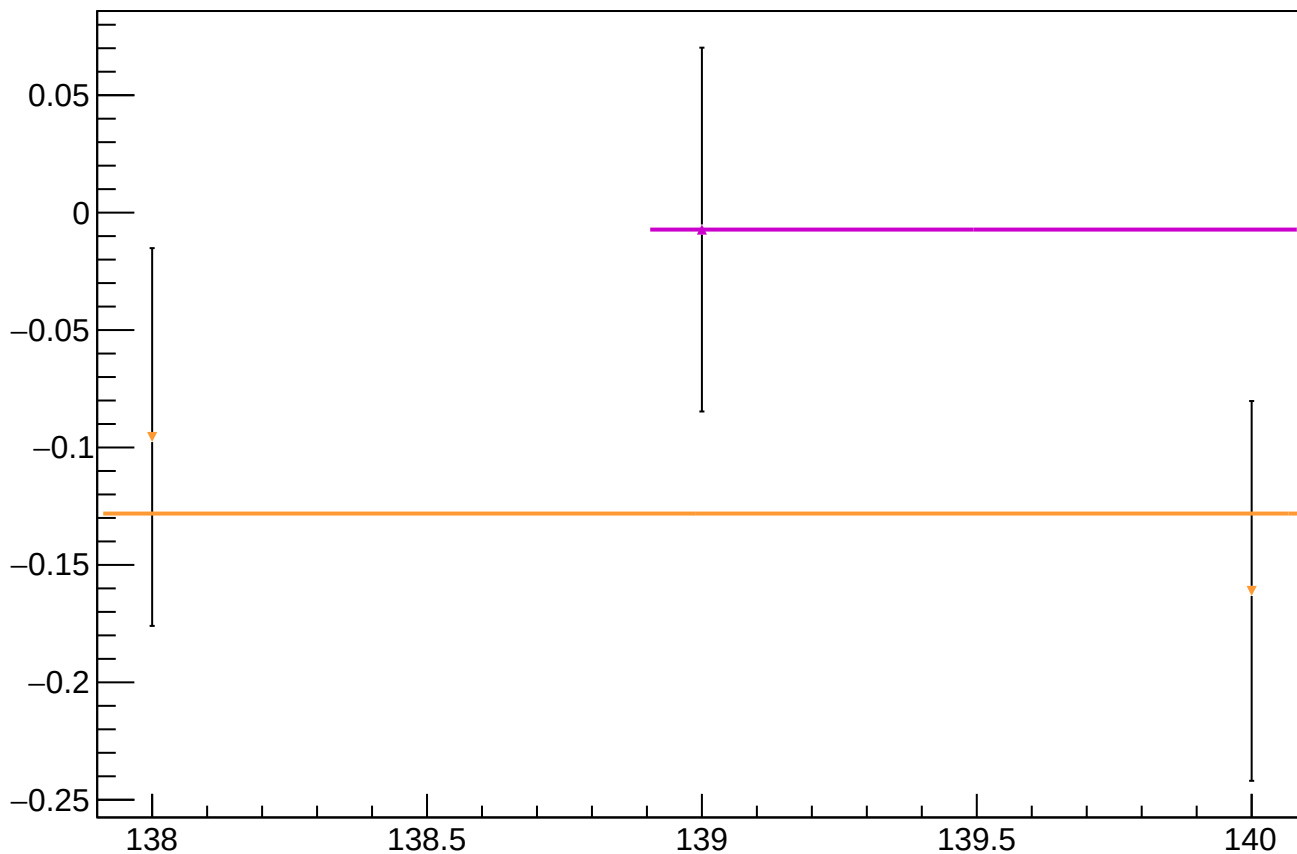
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.6/33

In: -0.005 $\pm$ 0.001 χ^2 /NDF:24.4/16

Out: -0.004 $\pm$ 0.001 χ^2 /NDF:26519.3/19

All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26544.0/36

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: -0.128 $\pm$ 0.057 χ^2 /NDF: 0.3/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.007 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left: -0.086 $\pm$ 0.046 χ^2 /NDF: 1.9/2

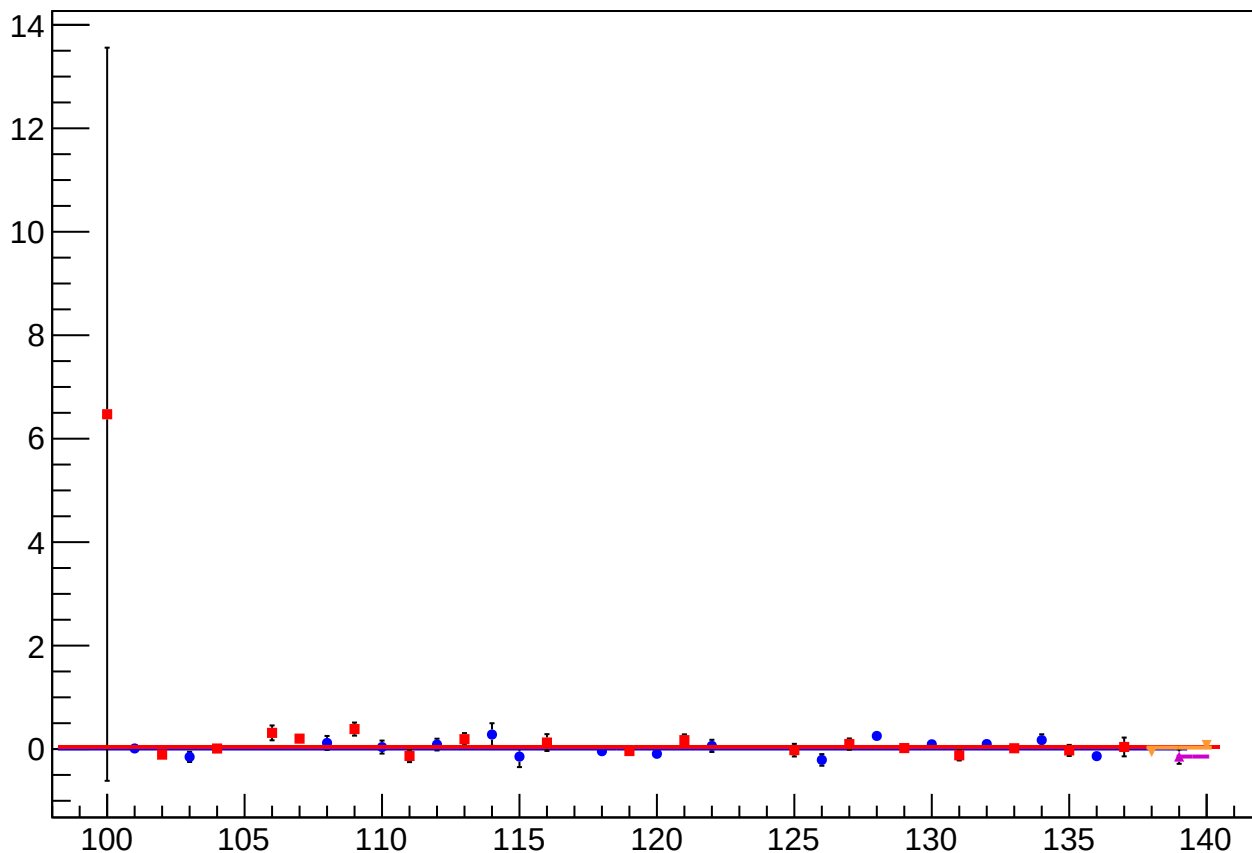
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.007 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Out: -0.128 $\pm$ 0.057 χ^2 /NDF: 0.3/1

All: -0.086 $\pm$ 0.046 χ^2 /NDF: 1.9/2

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF : 25.4/15

Left Out: 0.029+/-0.053 χ^2/NDF : 1.5/1

Right Out: 0.040+/-0.025 χ^2/NDF : 27.9/17

Left In: -0.145+/-0.140 χ^2/NDF : 0.0/0

Left: 0.007+/-0.049 χ^2/NDF : 2.9/2

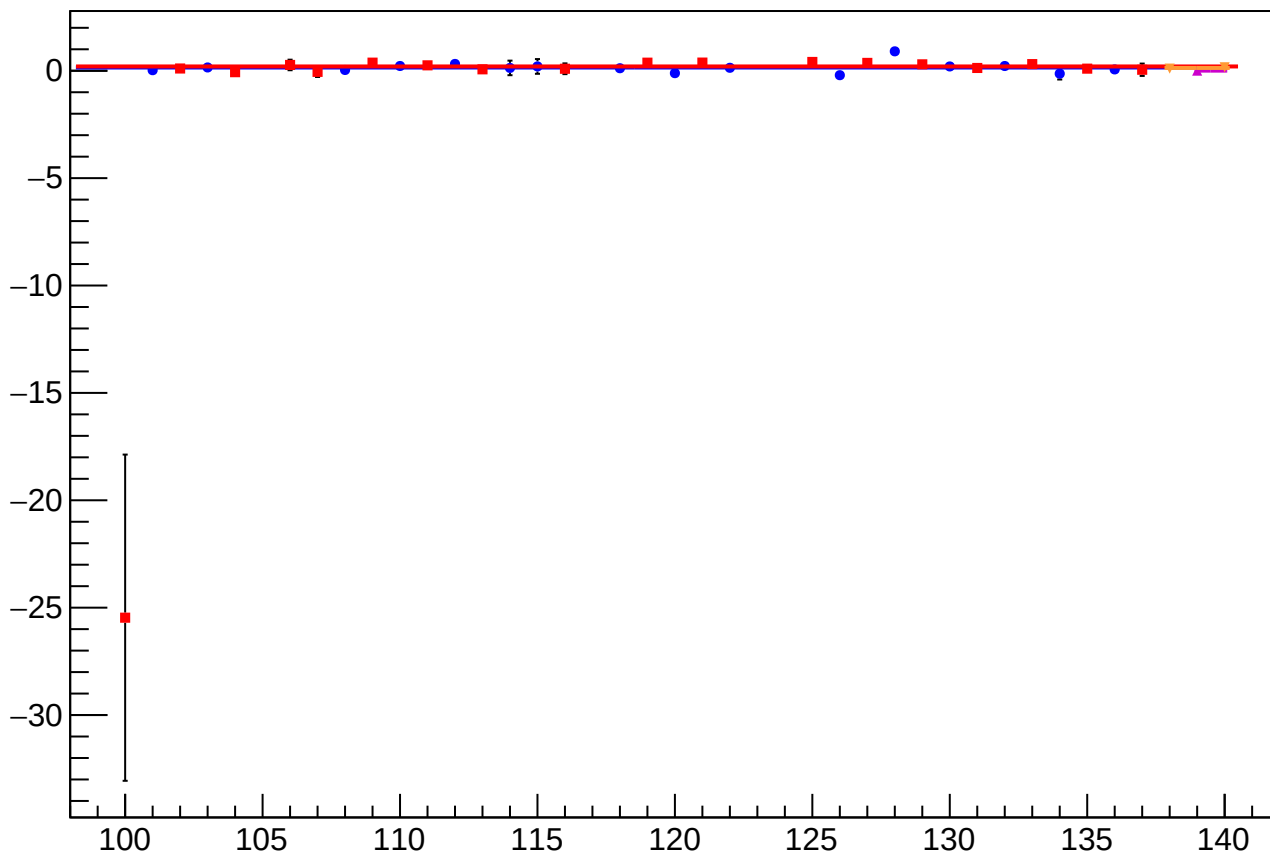
Right: 0.024+/-0.017 χ^2/NDF : 54.1/33

In: 0.006+/-0.023 χ^2/NDF : 26.6/16

Out: 0.038+/-0.022 χ^2/NDF : 29.5/19

All: 0.023+/-0.016 χ^2/NDF : 57.1/36

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF : 28.7/15

Left Out: 0.131+/-0.061 χ^2/NDF : 0.3/1

Right Out: 0.200+/-0.045 χ^2/NDF : 22.9/17

Left In: 0.006+/-0.084 χ^2/NDF : 0.0/0

Left: 0.088+/-0.049 χ^2/NDF : 1.7/2

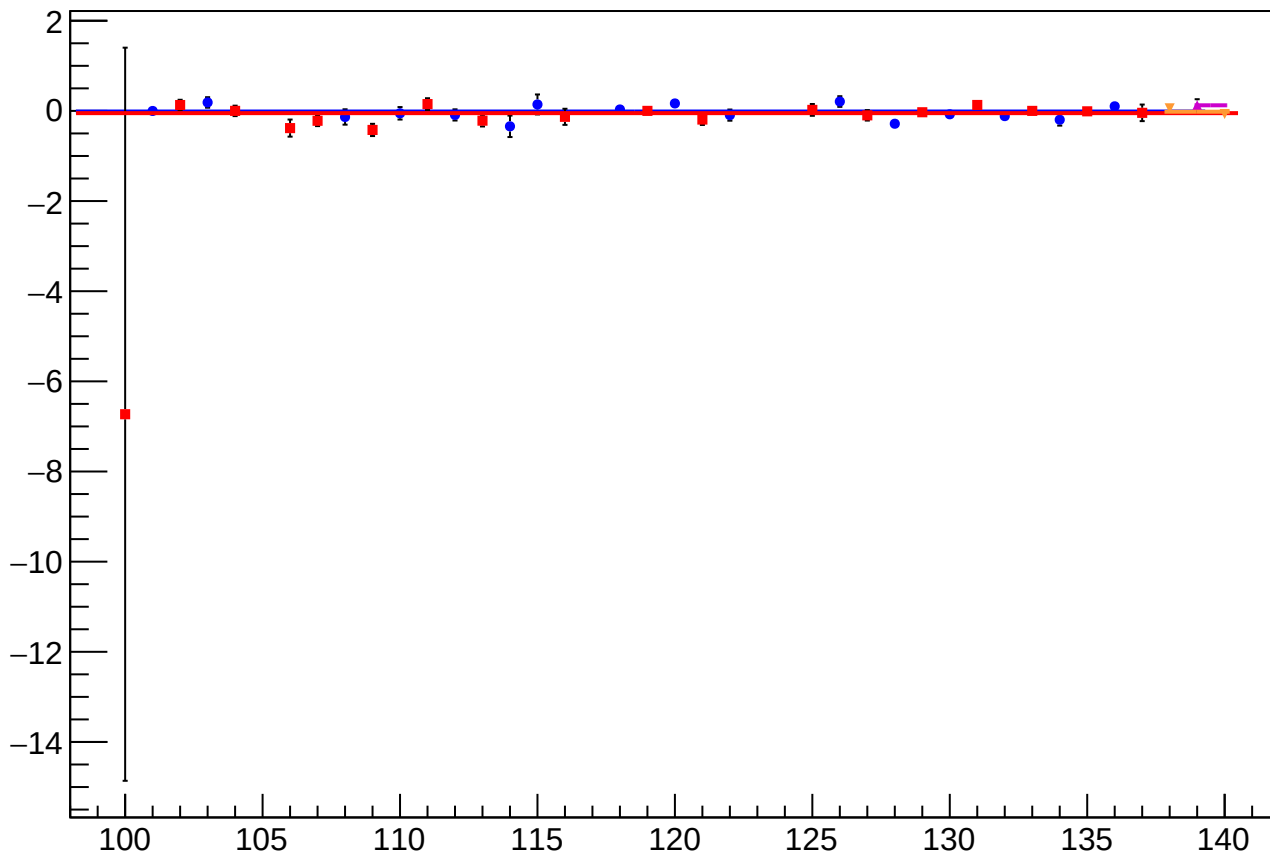
Right: 0.175+/-0.031 χ^2/NDF : 52.2/33

In: 0.122+/-0.038 χ^2/NDF : 31.1/16

Out: 0.176+/-0.036 χ^2/NDF : 24.0/19

All: 0.150+/-0.026 χ^2/NDF : 56.2/36

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.027 $\chi^2/\text{NDF}: 25.2/15$

Left Out: -0.018 ± 0.062 $\chi^2/\text{NDF}: 1.0/1$

Right Out: -0.050 ± 0.029 $\chi^2/\text{NDF}: 25.7/17$

Left In: 0.124 ± 0.135 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.006 ± 0.056 $\chi^2/\text{NDF}: 1.9/2$

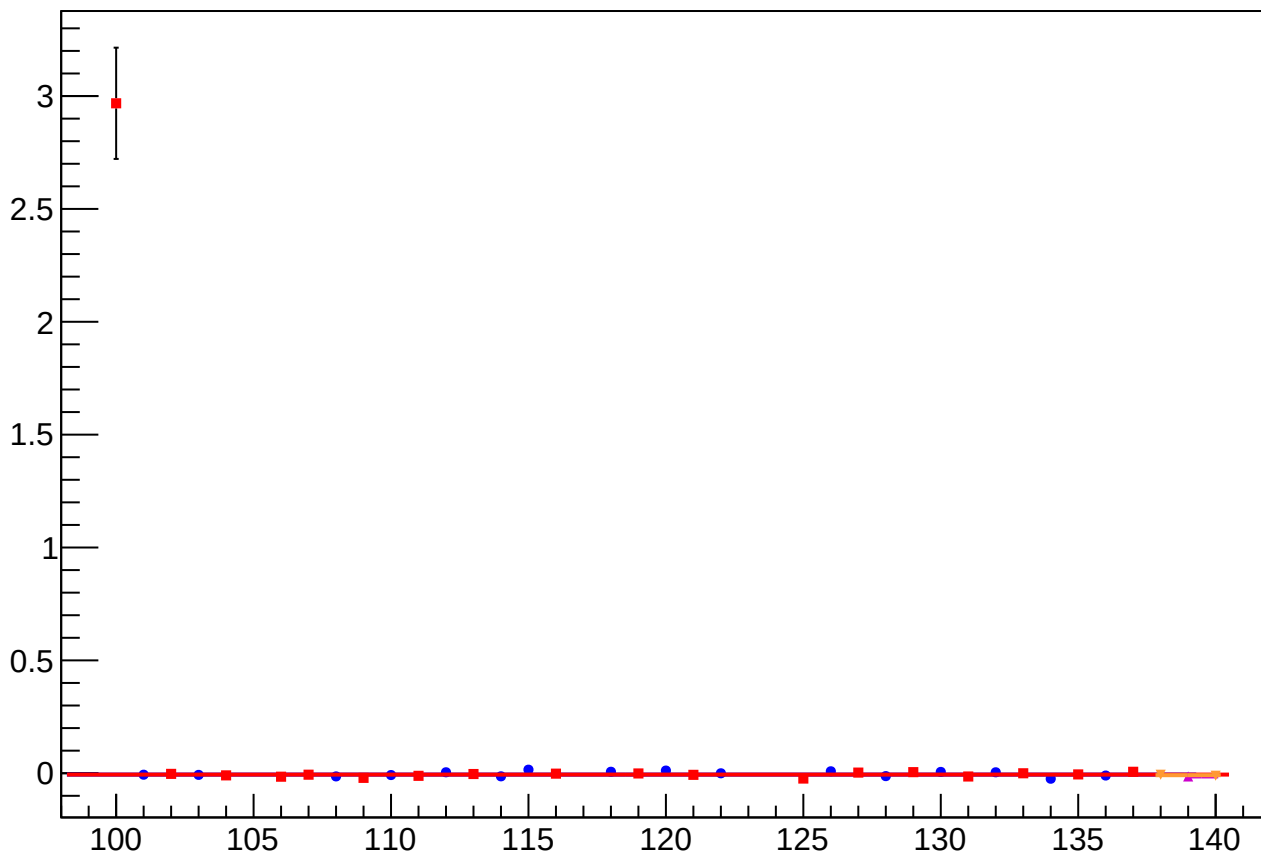
Right: -0.031 ± 0.020 $\chi^2/\text{NDF}: 51.8/33$

In: -0.008 ± 0.026 $\chi^2/\text{NDF}: 26.2/16$

Out: -0.044 ± 0.026 $\chi^2/\text{NDF}: 27.0/19$

All: -0.027 ± 0.019 $\chi^2/\text{NDF}: 54.1/36$

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+/-0.003 χ^2/NDF : 0.8/1

Right Out: -0.006+/-0.001 χ^2/NDF : 165.9/17

Left In: -0.014+/-0.003 χ^2/NDF : 0.0/0

Left: -0.011+/-0.002 χ^2/NDF : 2.9/2

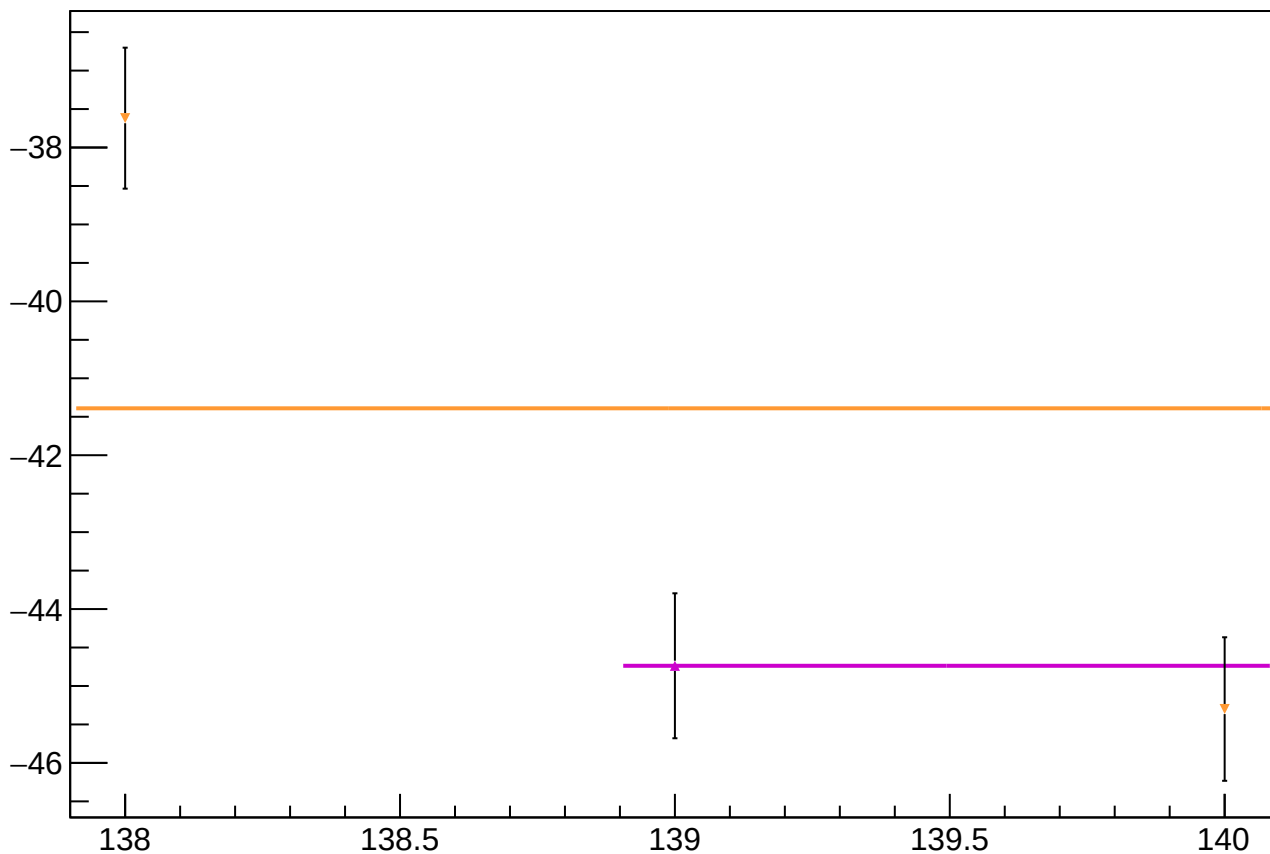
Right: -0.006+/-0.001 χ^2/NDF : 194.8/33

In: -0.008+/-0.001 χ^2/NDF : 35.3/16

Out: -0.007+/-0.001 χ^2/NDF : 167.5/19

All: -0.007+/-0.001 χ^2/NDF : 203.0/36

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.390+/-0.654 χ^2/NDF : 34.5/1

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

Left In: -44.737+/-0.942 χ^2/NDF : 0.0/0

Left: -42.478+/-0.537 χ^2/NDF : 43.0/2

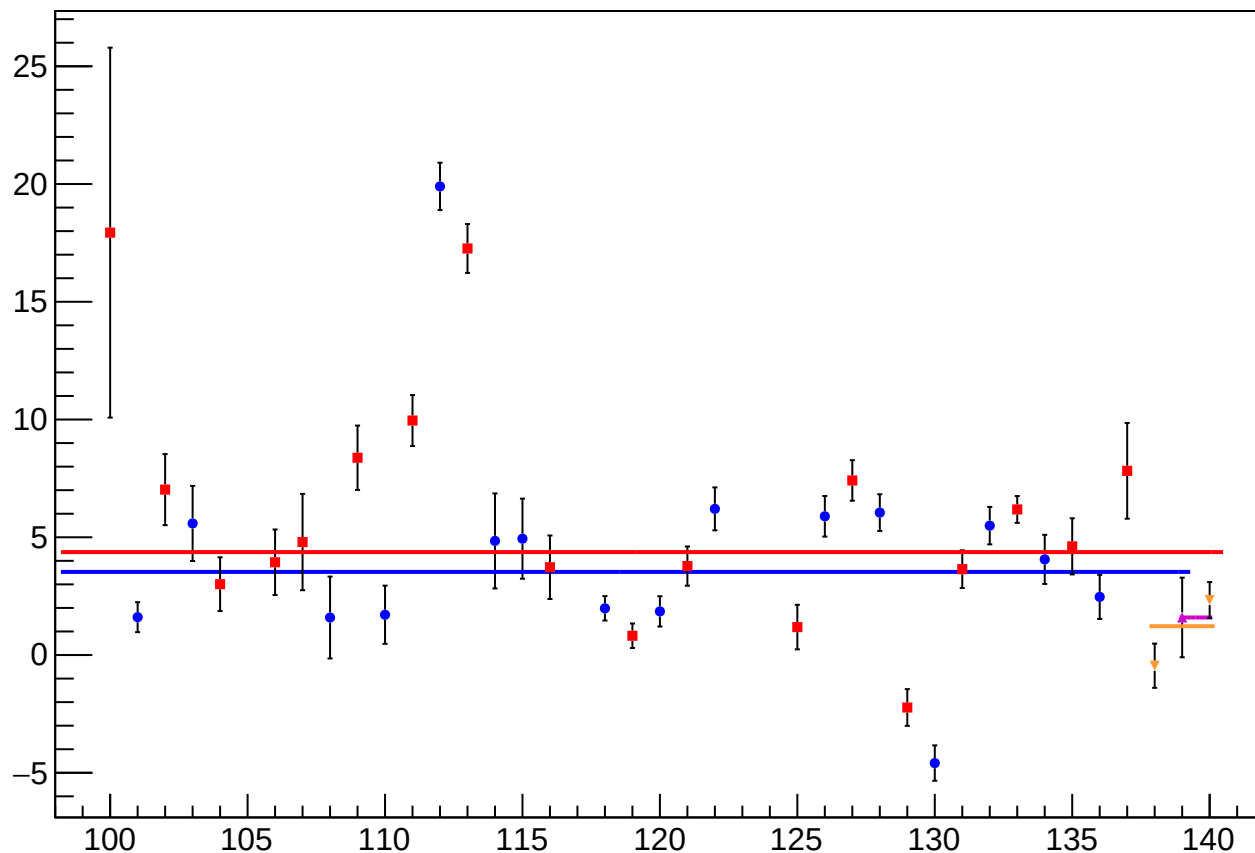
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.737+/-0.942 χ^2/NDF : 0.0/0

Out: -41.390+/-0.654 χ^2/NDF : 34.5/1

All: -42.478+/-0.537 χ^2/NDF : 43.0/2

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530 $\pm$ 0.217 χ^2 /NDF: 446.6/15

Left Out: 1.224 $\pm$ 0.593 χ^2 /NDF:5.3/1

Right Out: 4.370 $\pm$ 0.225 χ^2 /NDF: 353.8/17

Left In: 1.594 $\pm$ 1.690 χ^2 /NDF:0.0/0

Left: 1.264 $\pm$ 0.559 χ^2 /NDF: 5.3/2

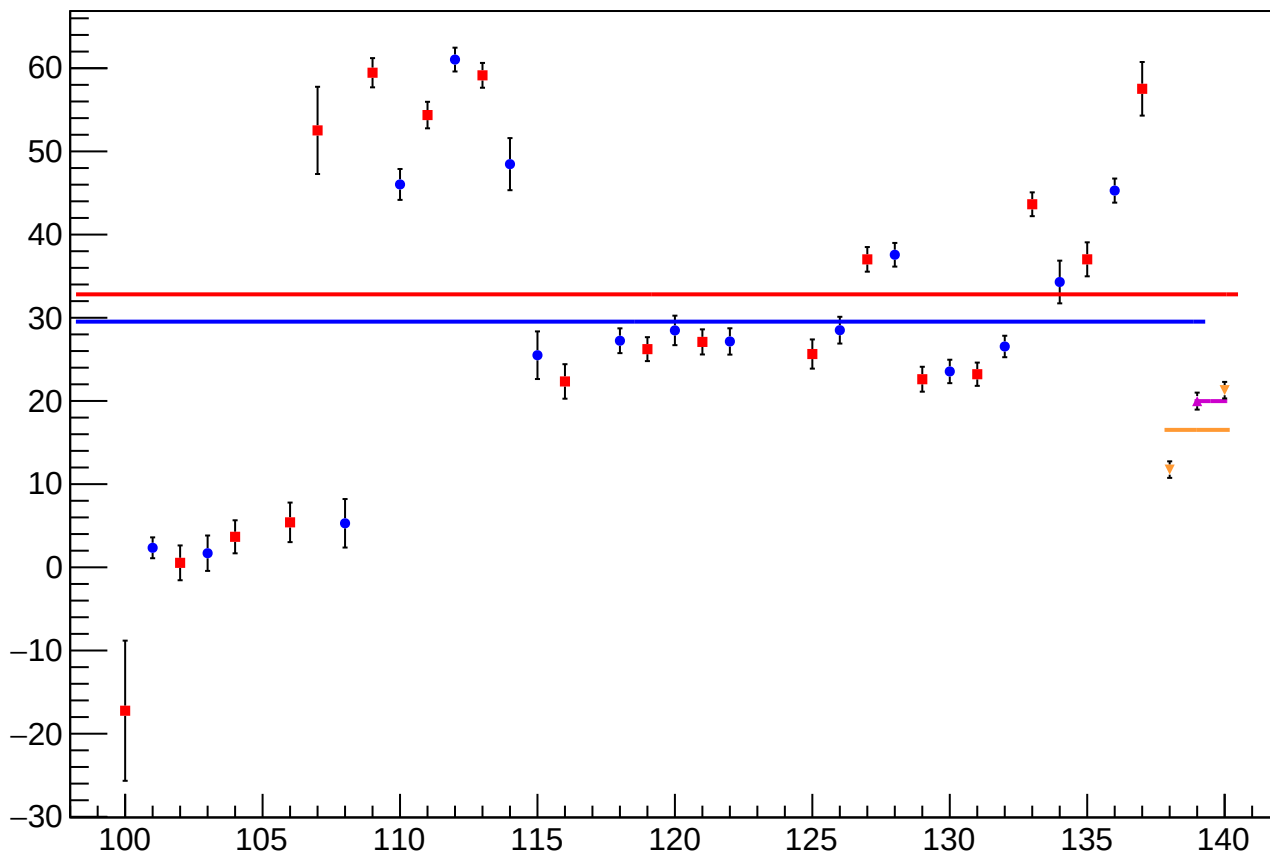
Right: 3.934 $\pm$ 0.156 χ^2 /NDF: 807.6/33

In: 3.498 $\pm$ 0.216 χ^2 /NDF:447.9/16

Out: 3.972 $\pm$ 0.211 χ^2 /NDF:383.7/19

All: 3.741 $\pm$ 0.151 χ^2 /NDF: 834.1/36

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535+/-0.417 χ^2/NDF : 1494.9/15

Left Out: 16.523+/-0.703 χ^2/NDF : 46.2/1

Right Out: 32.816+/-0.423 χ^2/NDF : 1659.3/17

Left In: 19.981+/-1.021 χ^2/NDF : 0.0/0

Left: 17.634+/-0.579 χ^2/NDF : 54.0/2

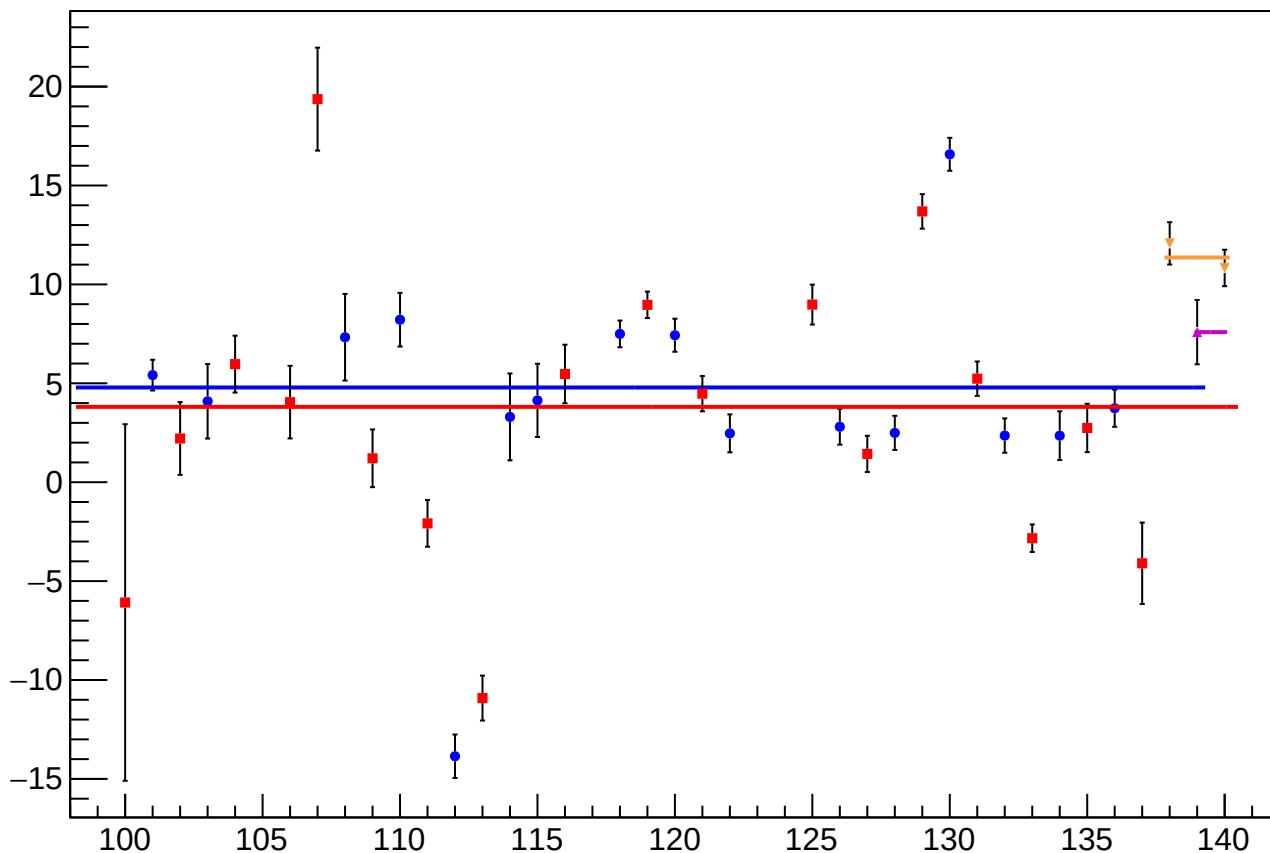
Right: 31.152+/-0.297 χ^2/NDF : 3184.7/33

In: 28.171+/-0.386 χ^2/NDF : 1569.9/16

Out: 28.483+/-0.362 χ^2/NDF : 2100.3/19

All: 28.337+/-0.264 χ^2/NDF : 3670.6/36

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 $\pm$ 0.251 χ^2 /NDF: 553.9/15

Left Out: 11.360 $\pm$ 0.698 χ^2 /NDF:0.8/1

Right Out: 3.809 $\pm$ 0.259 χ^2 /NDF: 567.6/17

Left In: 7.588 $\pm$ 1.627 χ^2 /NDF:0.0/0

Left: 10.773 $\pm$ 0.642 χ^2 /NDF: 5.3/2

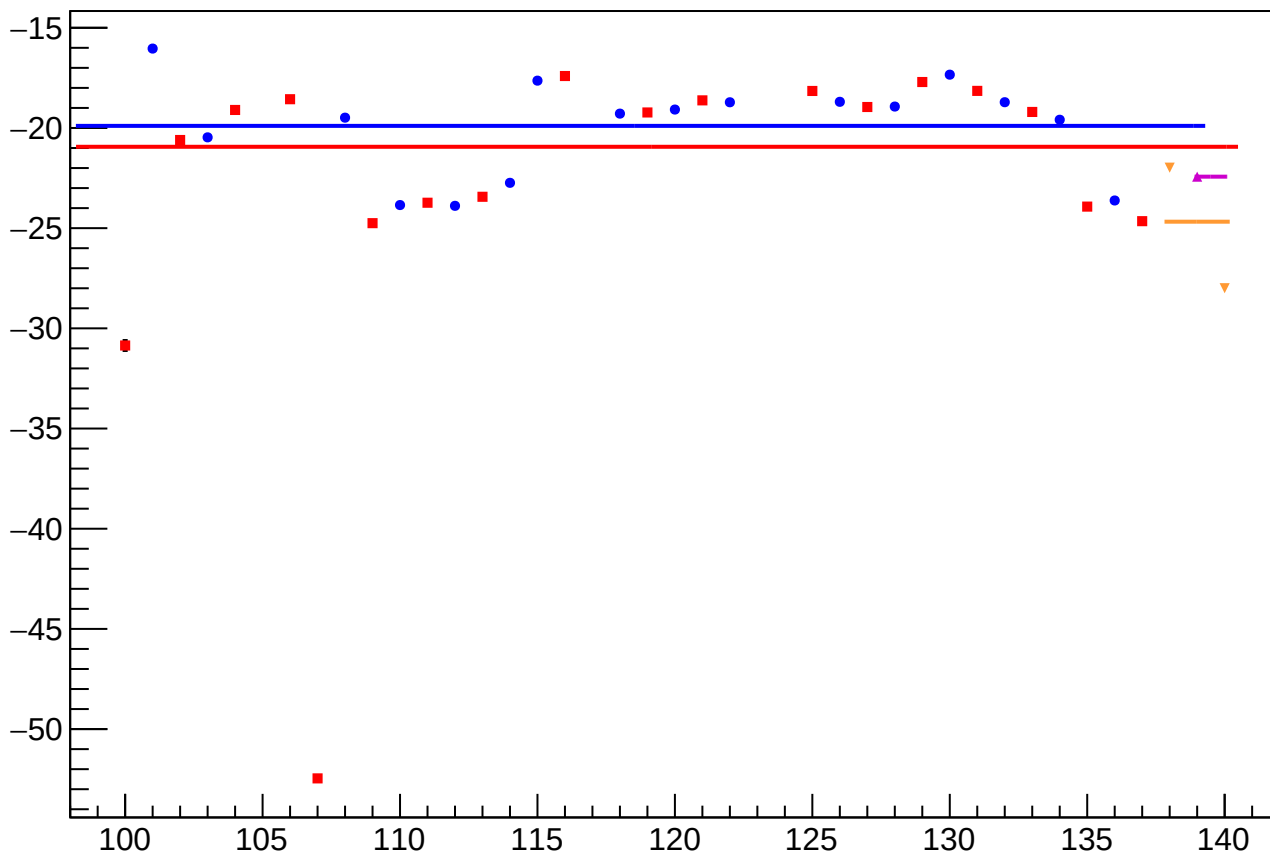
Right: 4.313 $\pm$ 0.180 χ^2 /NDF: 1128.9/33

In: 4.854 $\pm$ 0.248 χ^2 /NDF:556.8/16

Out: 4.721 $\pm$ 0.243 χ^2 /NDF:671.2/19

All: 4.786 $\pm$ 0.174 χ^2 /NDF: 1228.2/36

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895+/-0.016 χ^2/NDF : 26073.6/15

Left Out: -24.677+/-0.029 χ^2/NDF : 10615.1/1

Right Out: -20.938+/-0.016 χ^2/NDF : 94065.2/17

Left In: -22.430+/-0.036 χ^2/NDF : 0.0/0

Left: -23.785+/-0.023 χ^2/NDF : 12993.8/2

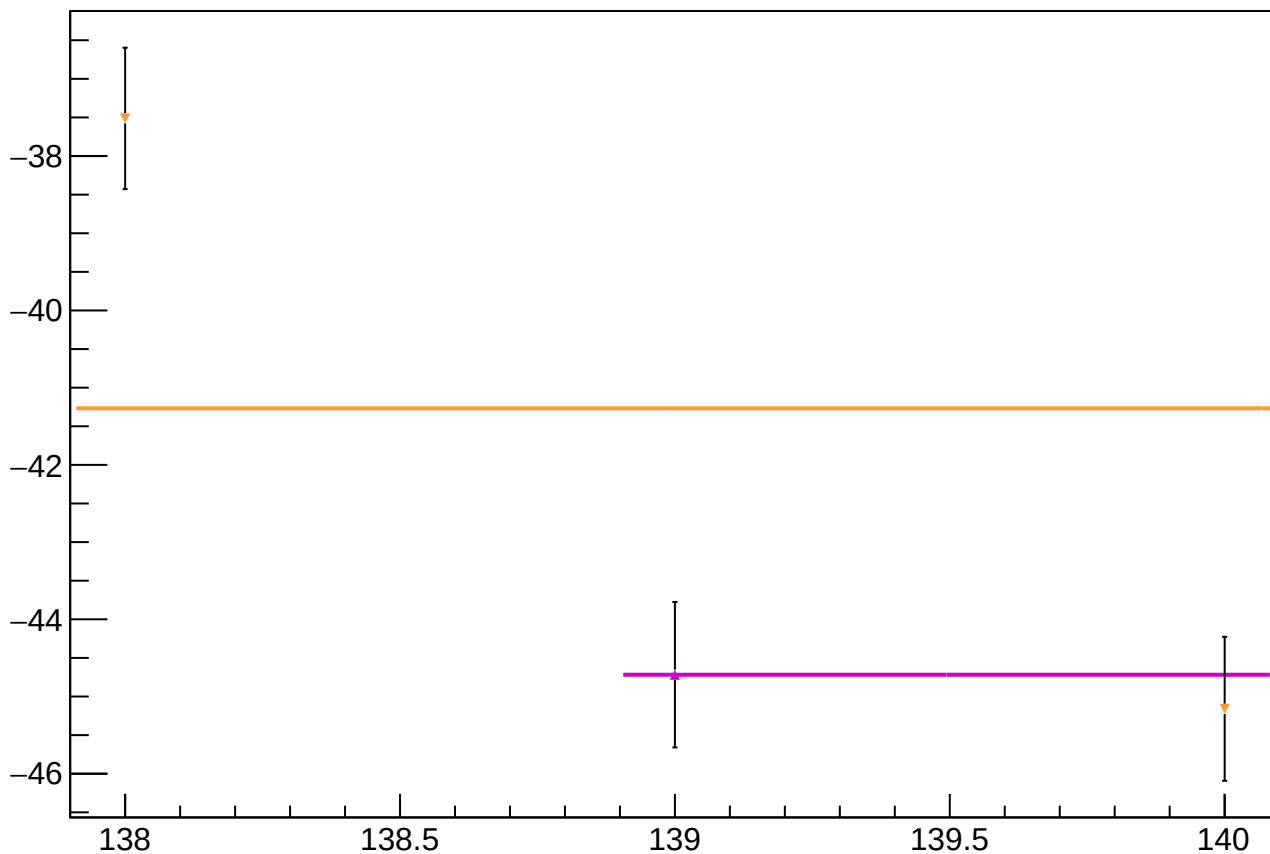
Right: -20.412+/-0.011 χ^2/NDF : 122364.1/33

In: -20.299+/-0.014 χ^2/NDF : 30295.8/16

Out: -21.785+/-0.014 χ^2/NDF : 117503.2/19

All: -21.066+/-0.010 χ^2/NDF : 153394.0/36

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.267+/-0.653 χ^2/NDF : 34.2/1

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

Left In: -44.718+/-0.942 χ^2/NDF : 0.0/0

Left: -42.389+/-0.537 χ^2/NDF : 43.3/2

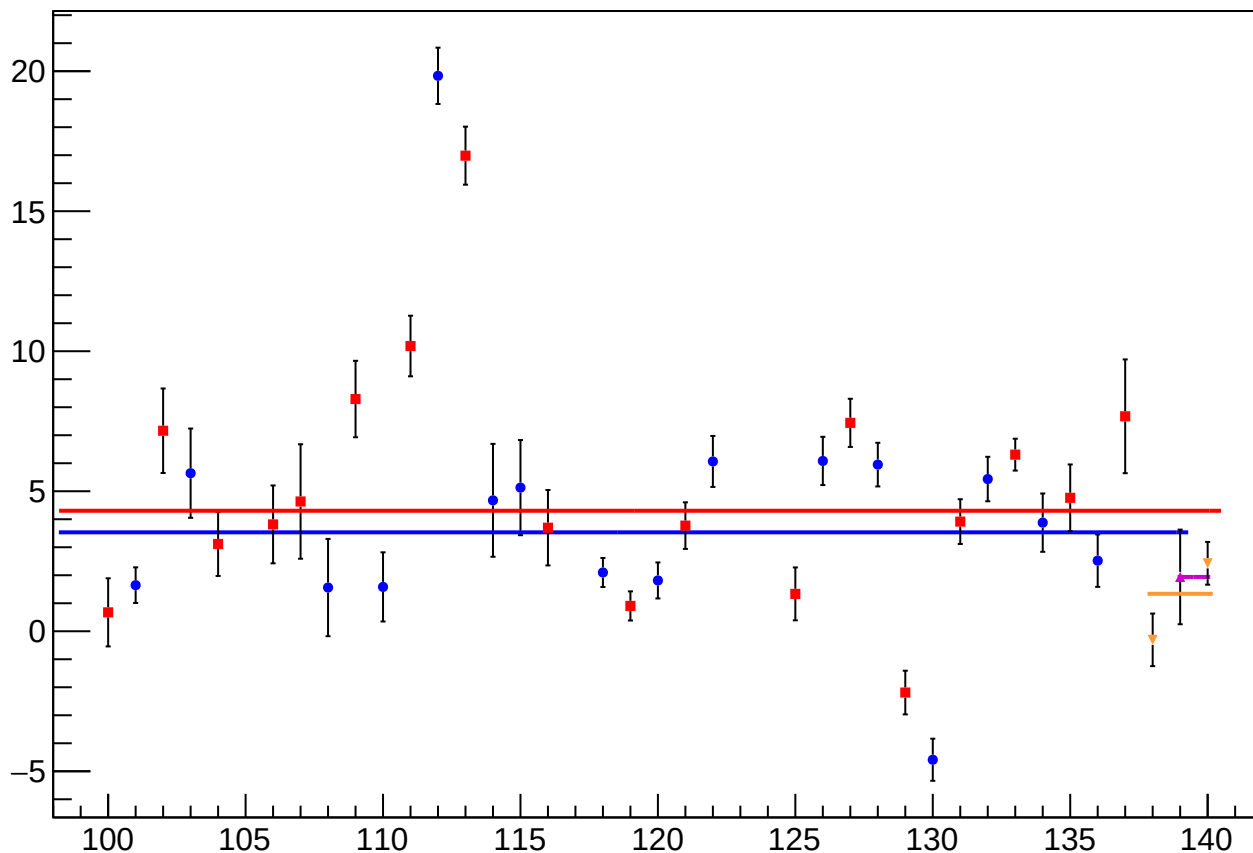
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.718+/-0.942 χ^2/NDF : 0.0/0

Out: -41.267+/-0.653 χ^2/NDF : 34.2/1

All: -42.389+/-0.537 χ^2/NDF : 43.3/2

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.337 ± 0.592 $\chi^2/\text{NDF}: 5.1/1$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.940 ± 1.689 $\chi^2/\text{NDF}: 0.0/0$

Left: 1.403 ± 0.559 $\chi^2/\text{NDF}: 5.2/2$

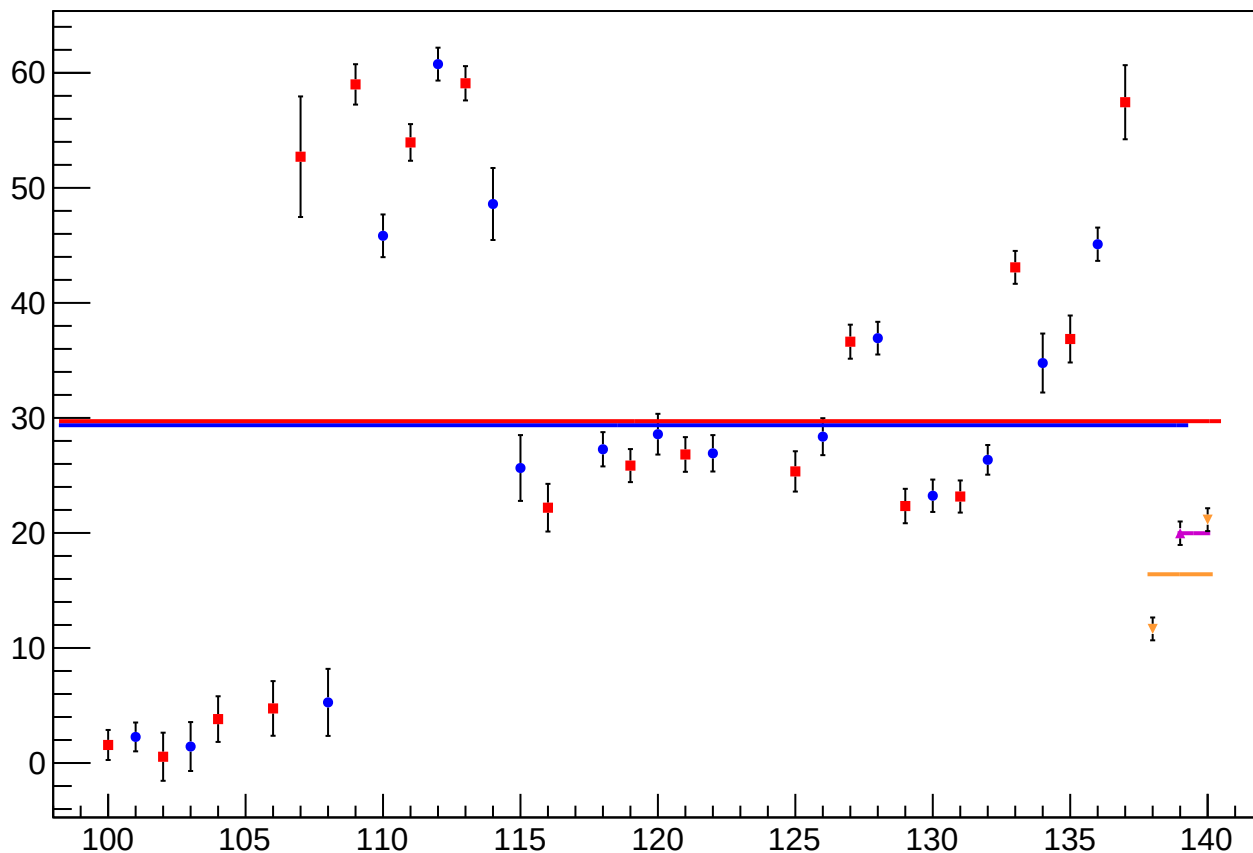
Right: 3.910 ± 0.155 $\chi^2/\text{NDF}: 802.2/33$

In: 3.507 ± 0.215 $\chi^2/\text{NDF}: 444.1/16$

Out: 3.939 ± 0.208 $\chi^2/\text{NDF}: 379.9/19$

All: 3.731 ± 0.149 $\chi^2/\text{NDF}: 826.1/36$

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: 16.409 $\pm$ 0.702 χ^2 /NDF:45.7/1

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

Left In: 19.976 $\pm$ 1.020 χ^2 /NDF:0.0/0

Left: 17.555 $\pm$ 0.578 χ^2 /NDF: 54.0/2

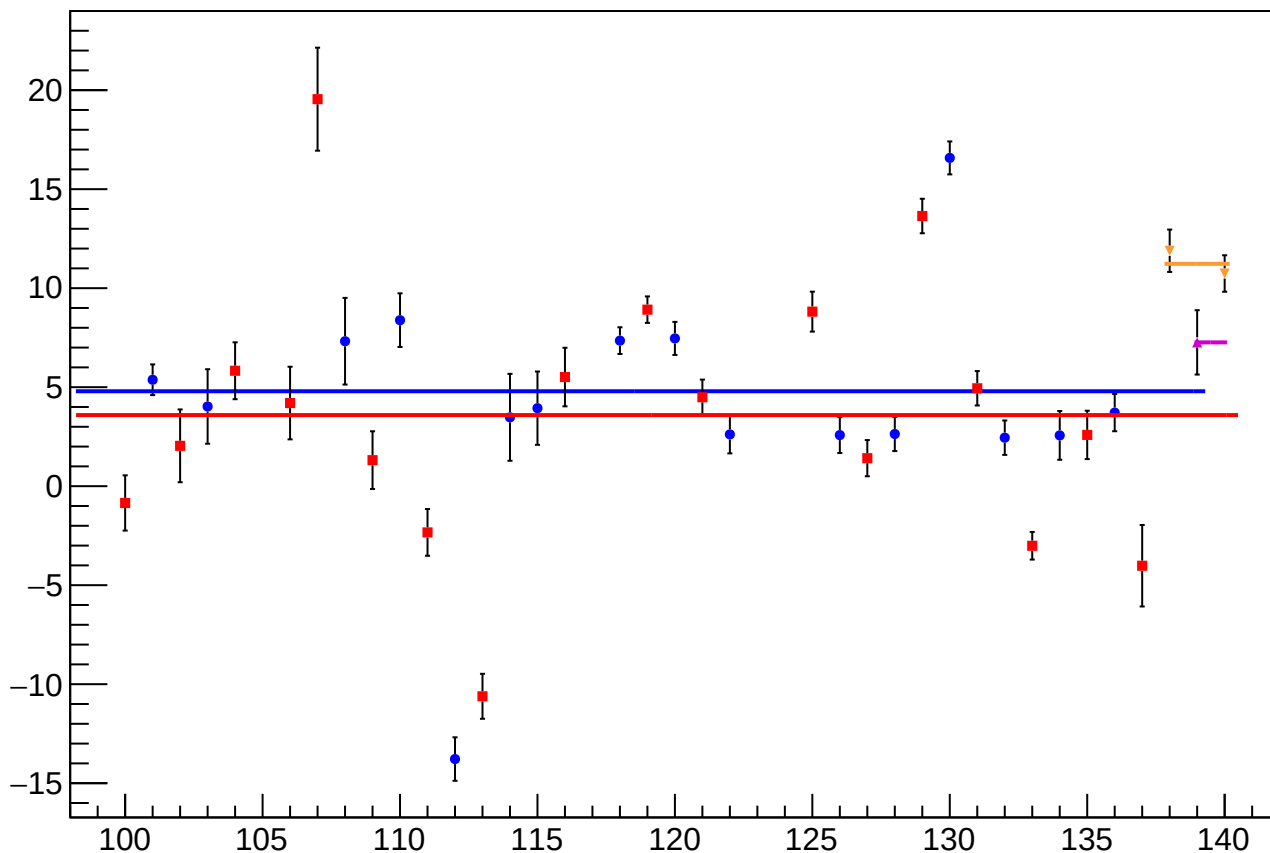
Right: 29.549 $\pm$ 0.289 χ^2 /NDF: 3618.6/33

In: 28.026 $\pm$ 0.386 χ^2 /NDF:1561.3/16

Out: 26.427 $\pm$ 0.349 χ^2 /NDF:2445.7/19

All: 27.147 $\pm$ 0.259 χ^2 /NDF: 4016.5/36

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 ± 0.251 χ^2/NDF : 550.0/15

Left Out: 11.230 ± 0.698 χ^2/NDF : 0.7/1

Right Out: 3.591 ± 0.254 χ^2/NDF : 573.3/17

Left In: 7.262 ± 1.625 χ^2/NDF : 0.0/0

Left: 10.612 ± 0.641 χ^2/NDF : 5.7/2

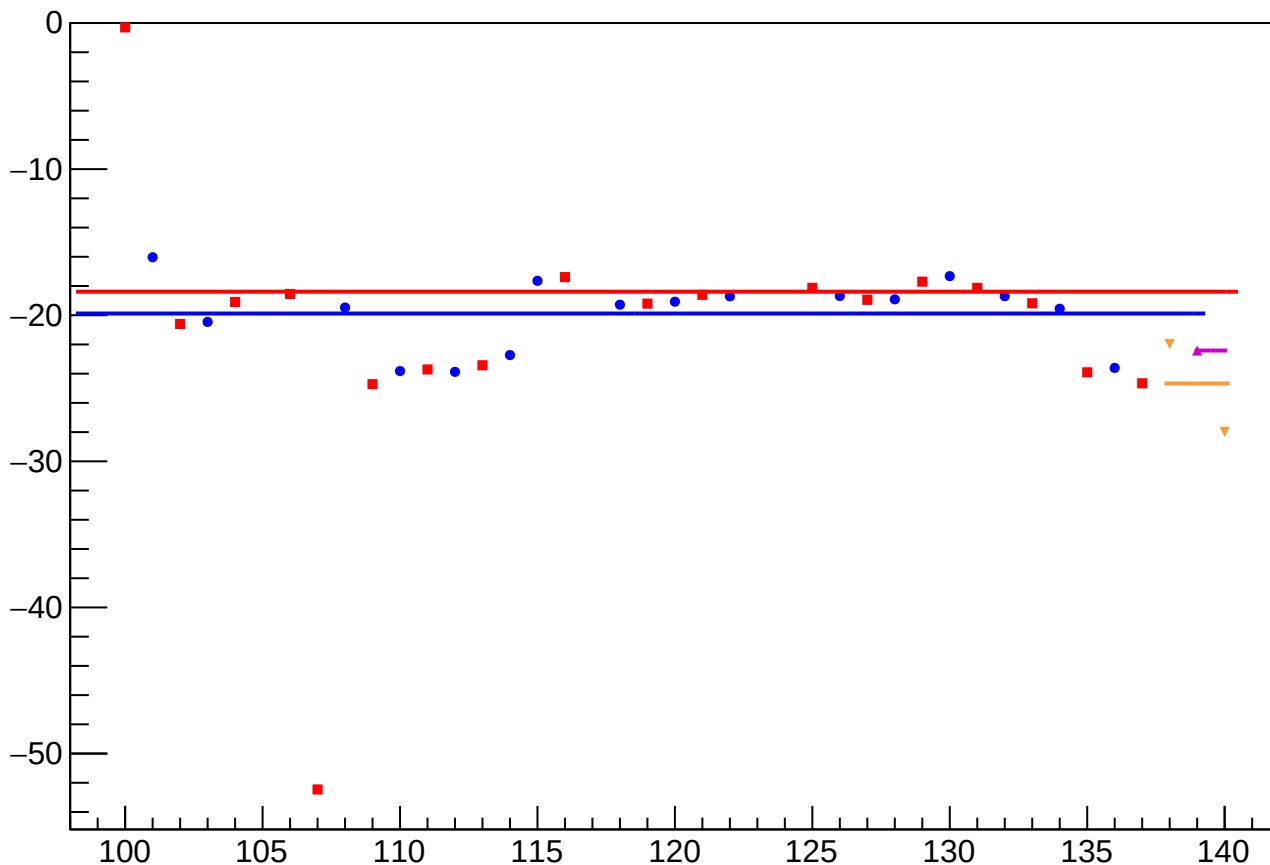
Right: 4.201 ± 0.179 χ^2/NDF : 1134.6/33

In: 4.851 ± 0.248 χ^2/NDF : 552.2/16

Out: 4.488 ± 0.239 χ^2/NDF : 679.8/19

All: 4.663 ± 0.172 χ^2/NDF : 1233.1/36

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 ± 0.016 χ^2/NDF : 26063.5/15

Left Out: -24.673 ± 0.029 χ^2/NDF : 10600.7/1

Right Out: -18.390 ± 0.015 χ^2/NDF : 301247.7/17

Left In: -22.416 ± 0.036 χ^2/NDF : 0.0/0

Left: -23.776 ± 0.023 χ^2/NDF : 13002.9/2

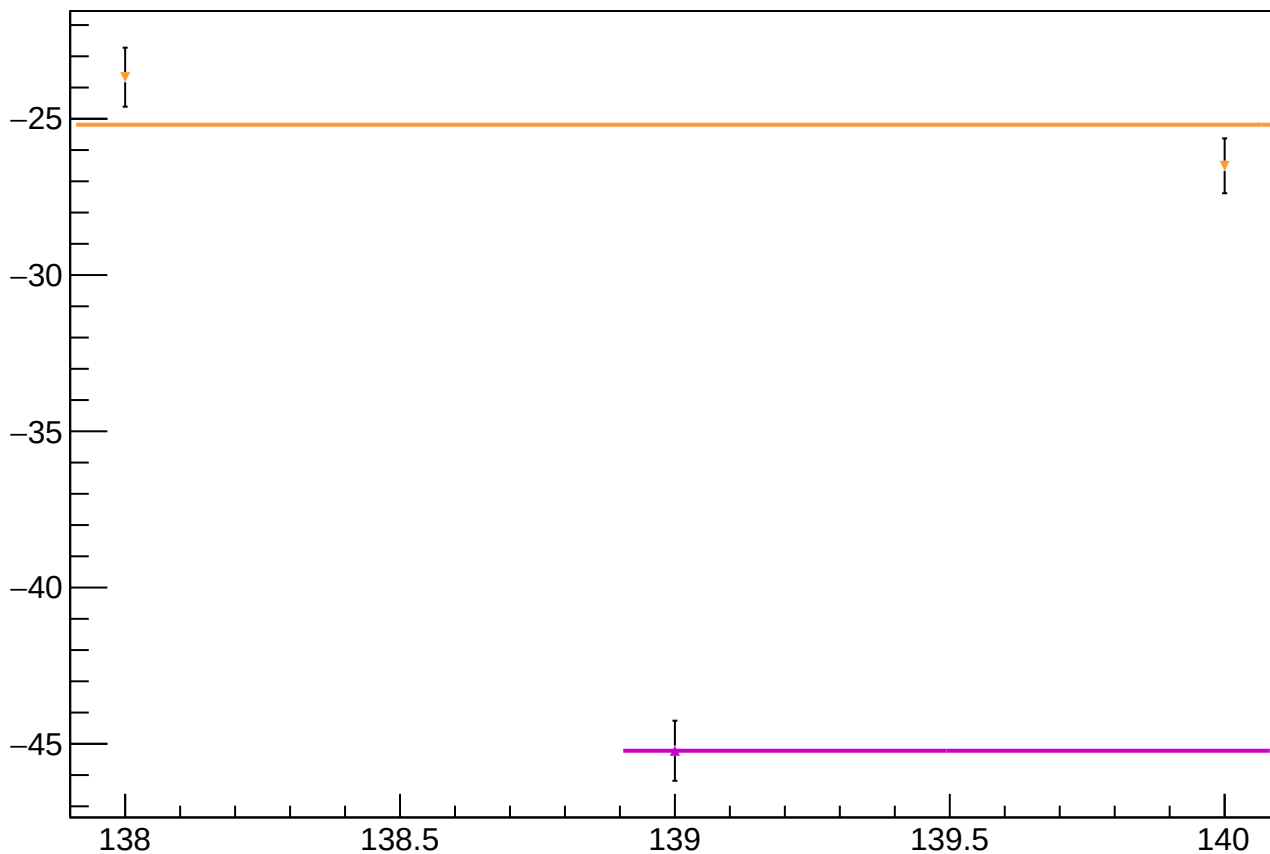
Right: -19.096 ± 0.011 χ^2/NDF : 332167.8/33

In: -20.287 ± 0.014 χ^2/NDF : 30283.5/16

Out: -19.678 ± 0.013 χ^2/NDF : 349100.7/19

All: -19.957 ± 0.010 χ^2/NDF : 380369.6/36

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: -25.189+/-0.643 χ^2/NDF : 4.8/1

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

Left In: -45.222+/-0.962 χ^2/NDF : 0.0/0

Left: -31.378+/-0.535 χ^2/NDF : 304.6/2

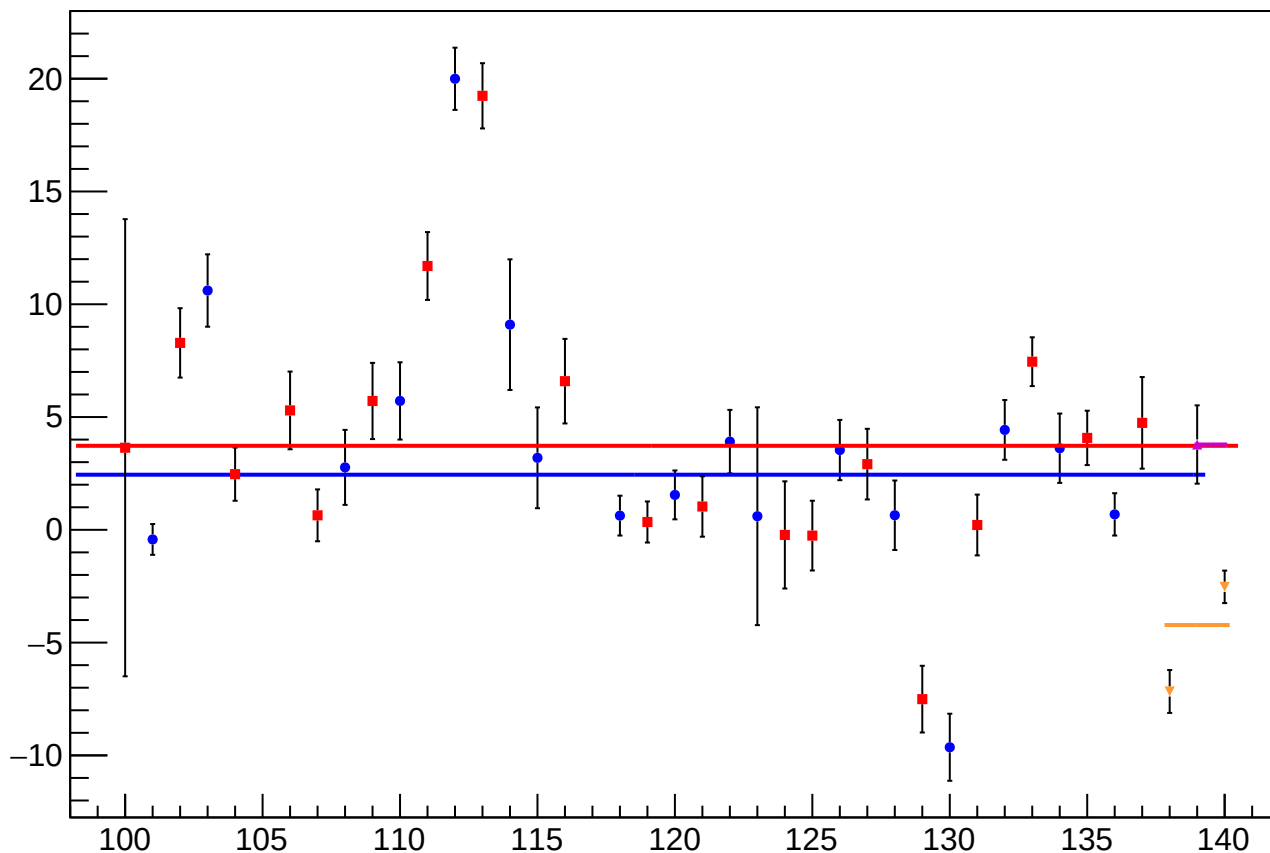
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.222+/-0.962 χ^2/NDF : 0.0/0

Out: -25.189+/-0.643 χ^2/NDF : 4.8/1

All: -31.378+/-0.535 χ^2/NDF : 304.6/2

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: -4.221 $\pm$ 0.574 χ^2 /NDF:15.1/1

Right Out: 3.726 $\pm$ 0.327 χ^2 /NDF: 269.1/18

Left In: 3.783 $\pm$ 1.736 χ^2 /NDF:0.0/0

Left: -3.432 $\pm$ 0.545 χ^2 /NDF: 34.3/2

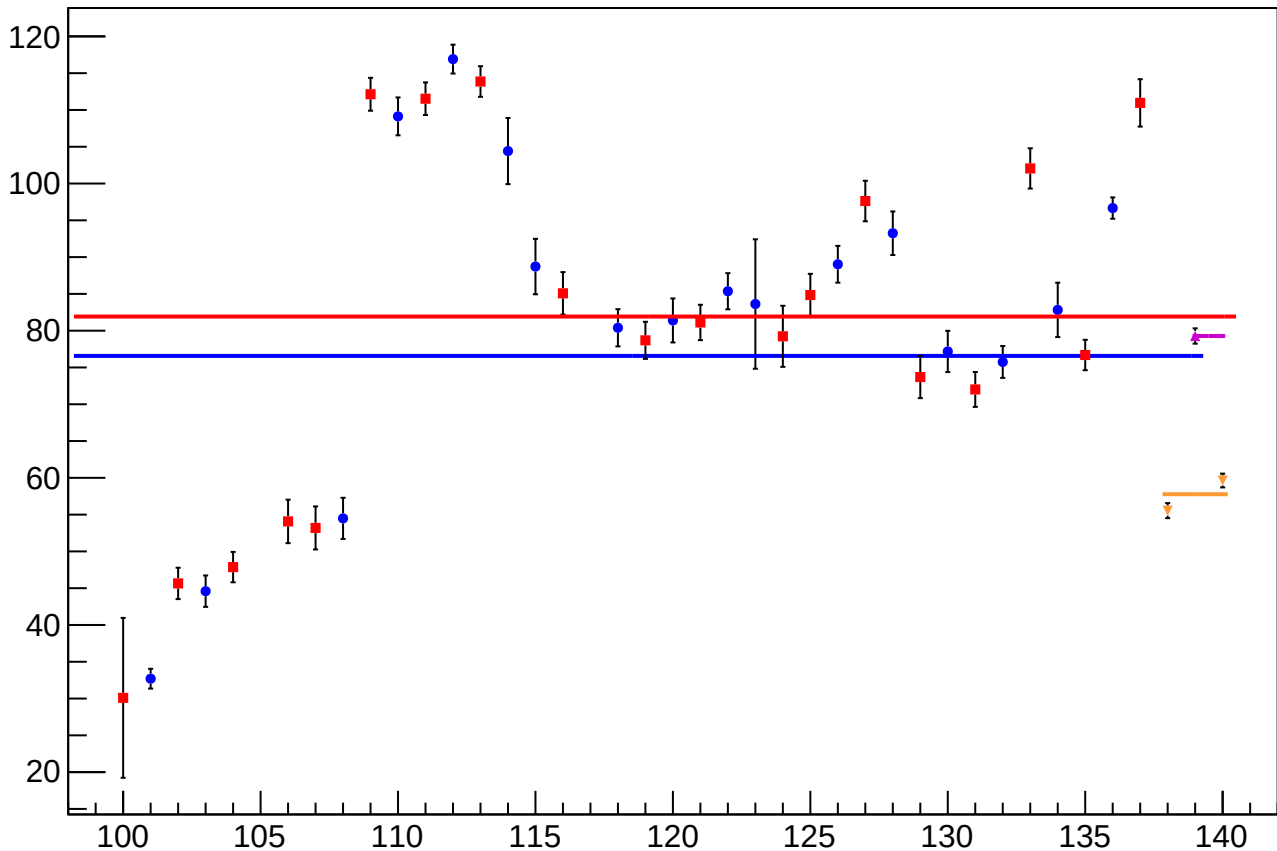
Right: 3.053 $\pm$ 0.225 χ^2 /NDF: 572.5/35

In: 2.485 $\pm$ 0.306 χ^2 /NDF:295.9/17

Out: 1.781 $\pm$ 0.284 χ^2 /NDF:428.9/20

All: 2.107 $\pm$ 0.208 χ^2 /NDF: 727.7/38

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: 57.773 $\pm$ 0.691 χ^2 /NDF:8.7/1

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

Left In: 79.277 $\pm$ 1.041 χ^2 /NDF:0.0/0

Left: 64.342 $\pm$ 0.575 χ^2 /NDF: 305.0/2

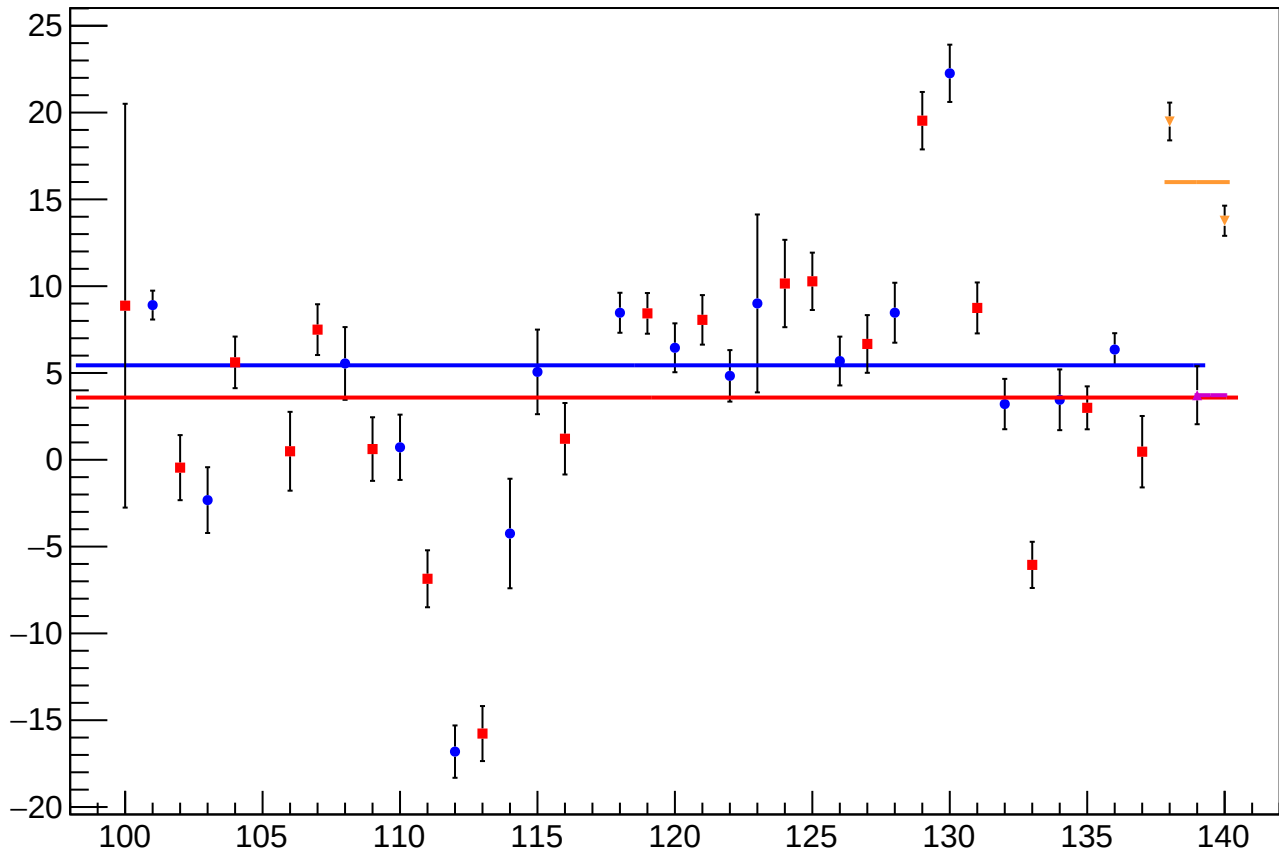
Right: 79.162 $\pm$ 0.412 χ^2 /NDF: 3866.3/35

In: 77.202 $\pm$ 0.502 χ^2 /NDF:2258.8/17

Out: 71.694 $\pm$ 0.449 χ^2 /NDF:2284.4/20

All: 74.143 $\pm$ 0.335 χ^2 /NDF: 4610.0/38

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 $\pm$ 0.357 χ^2 /NDF: 387.5/16

Left Out: 15.995 $\pm$ 0.679 χ^2 /NDF:16.9/1

Right Out: 3.585 $\pm$ 0.375 χ^2 /NDF: 423.2/18

Left In: 3.720 $\pm$ 1.672 χ^2 /NDF:0.0/0

Left: 14.257 $\pm$ 0.629 χ^2 /NDF: 63.1/2

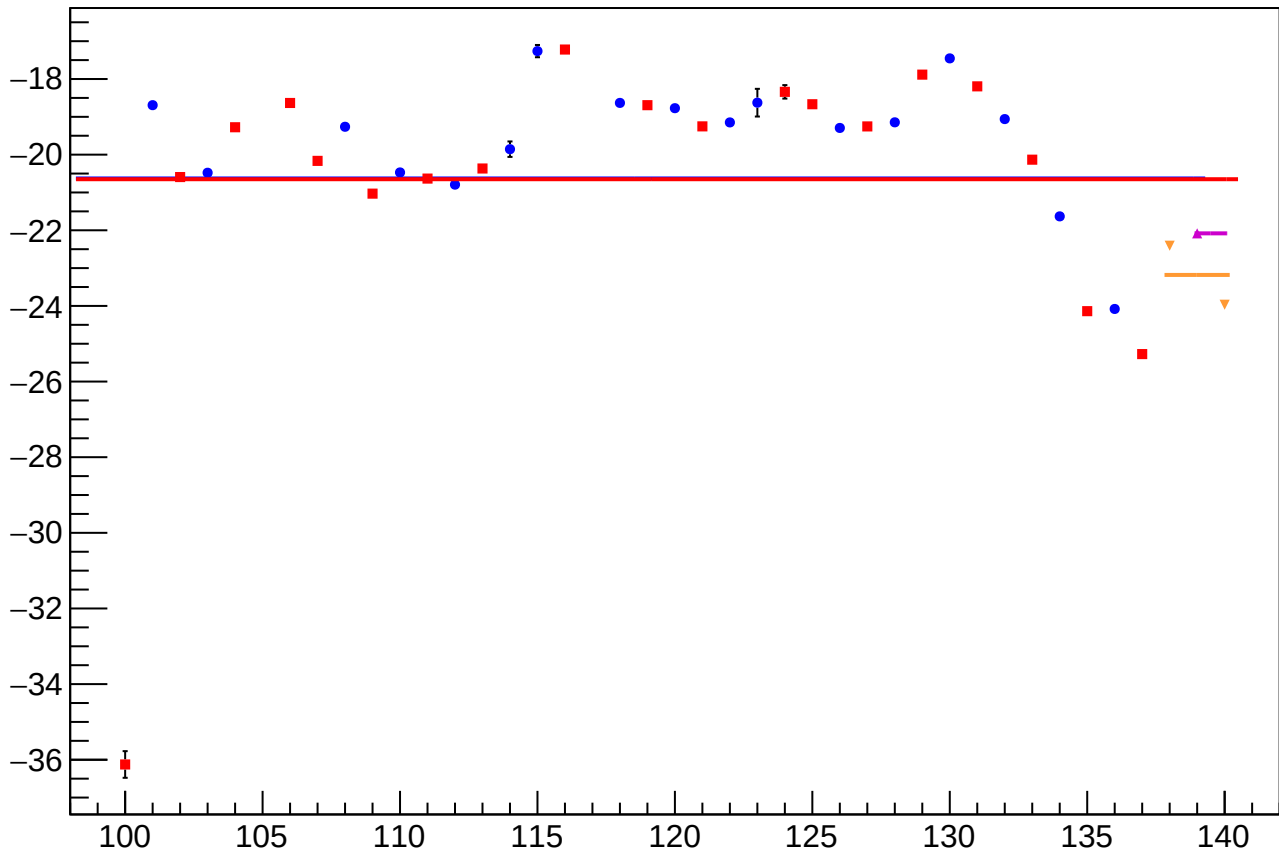
Right: 4.559 $\pm$ 0.259 χ^2 /NDF: 823.5/35

In: 5.367 $\pm$ 0.349 χ^2 /NDF:388.5/17

Out: 6.489 $\pm$ 0.328 χ^2 /NDF:696.0/20

All: 5.963 $\pm$ 0.239 χ^2 /NDF: 1090.0/38

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -23.181 ± 0.029 $\chi^2/\text{NDF}: 736.8/1$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

Left In: -22.081 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

Left: -22.763 ± 0.023 $\chi^2/\text{NDF}: 1292.3/2$

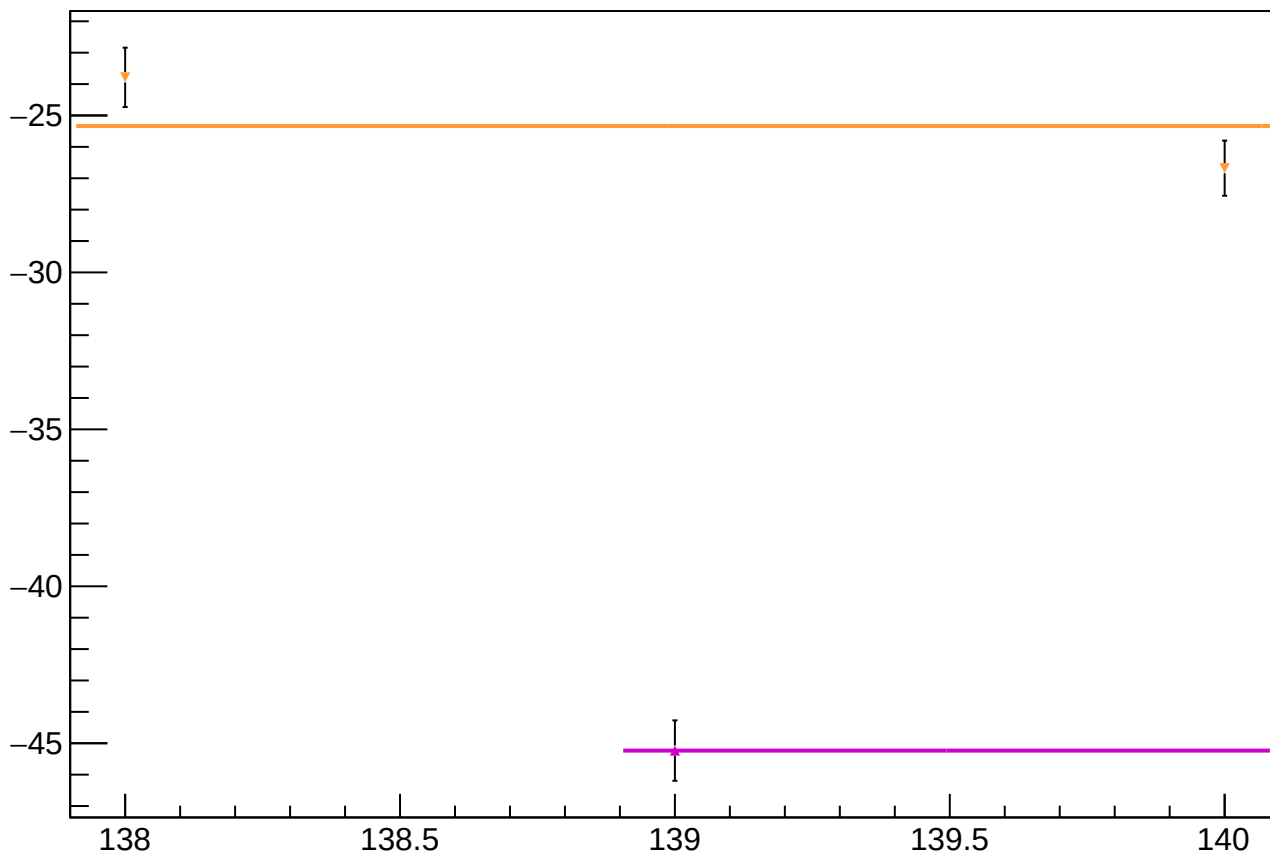
Right: -20.640 ± 0.014 $\chi^2/\text{NDF}: 26376.6/35$

In: -20.944 ± 0.017 $\chi^2/\text{NDF}: 13713.7/17$

Out: -21.443 ± 0.016 $\chi^2/\text{NDF}: 19943.7/20$

All: -21.208 ± 0.012 $\chi^2/\text{NDF}: 34110.7/38$

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: -25.337±/-0.644 χ^2 /NDF:5.0/1

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

Left In: -45.234±/-0.962 χ^2 /NDF:0.0/0

Left: -31.485±/-0.535 χ^2 /NDF: 300.3/2

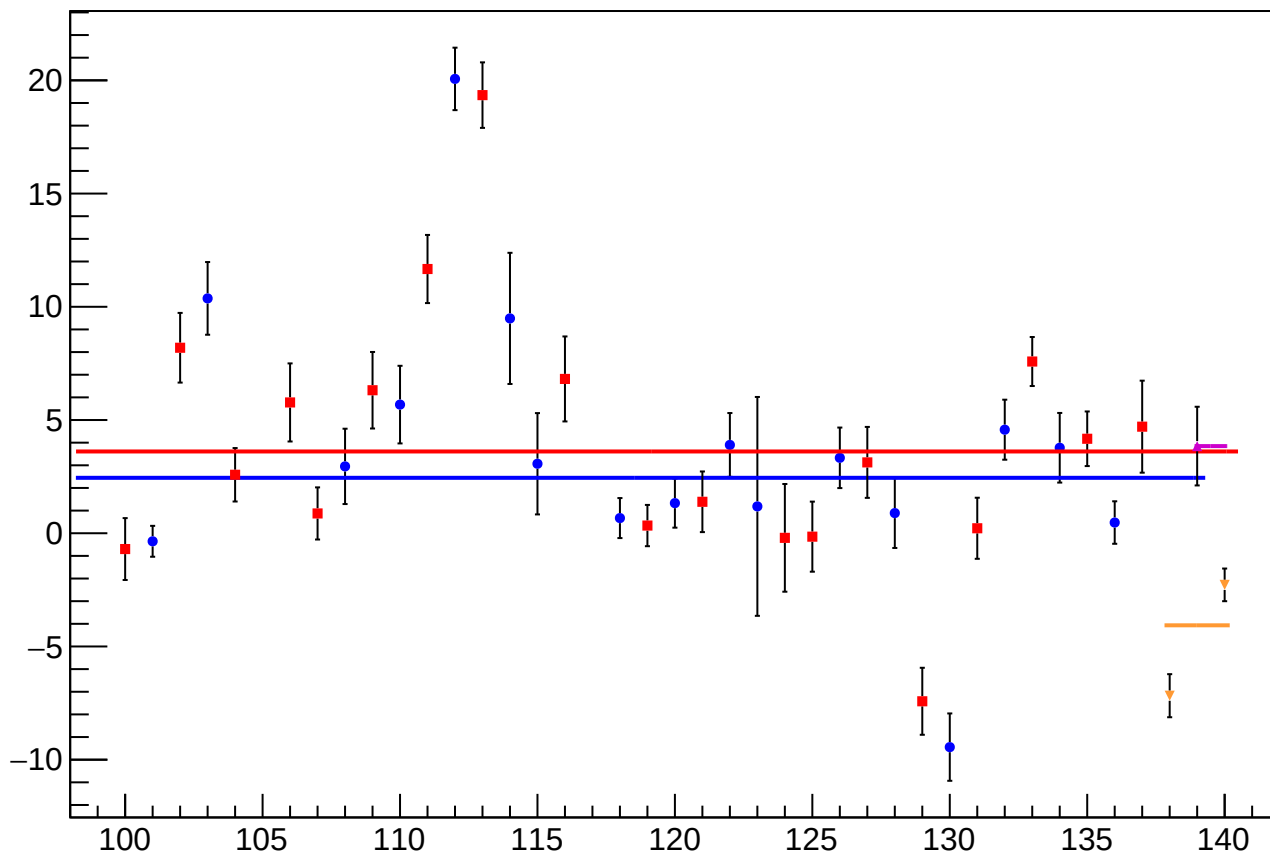
Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0

In: -45.234±/-0.962 χ^2 /NDF:0.0/0

Out: -25.337±/-0.644 χ^2 /NDF:5.0/1

All: -31.485±/-0.535 χ^2 /NDF: 300.3/2

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 $\pm$ 0.311 χ^2/NDF : 293.4/16

Left Out: -4.066 $\pm$ 0.575 χ^2/NDF : 16.8/1

Right Out: 3.611 $\pm$ 0.318 χ^2/NDF : 279.4/18

Left In: 3.848 $\pm$ 1.737 χ^2/NDF : 0.0/0

Left: -3.286 $\pm$ 0.545 χ^2/NDF : 35.5/2

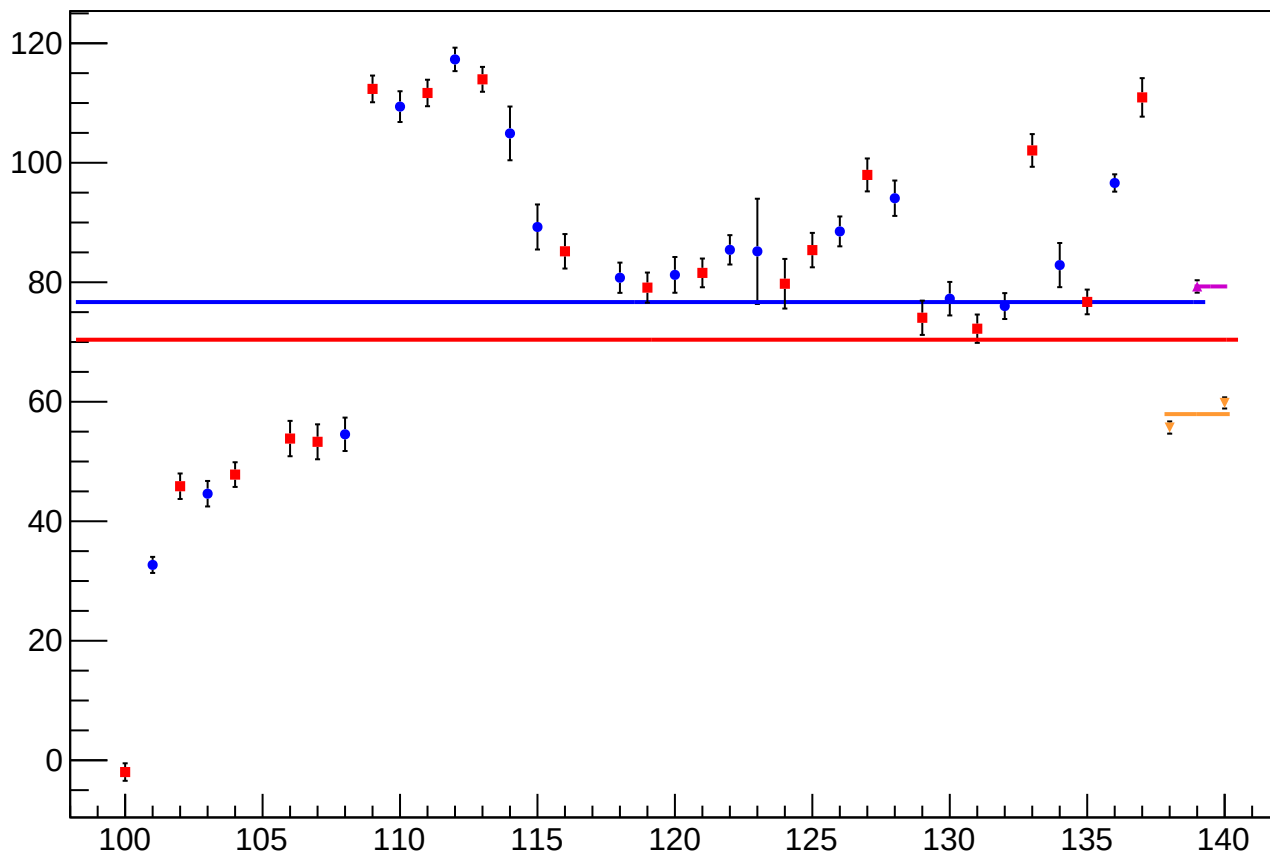
Right: 3.017 $\pm$ 0.223 χ^2/NDF : 579.6/35

In: 2.491 $\pm$ 0.306 χ^2/NDF : 294.0/17

Out: 1.809 $\pm$ 0.278 χ^2/NDF : 432.8/20

All: 2.118 $\pm$ 0.206 χ^2/NDF : 729.6/38

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: 57.934 $\pm$ 0.691 χ^2 /NDF:8.8/1

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

Left In: 79.300 $\pm$ 1.042 χ^2 /NDF:0.0/0

Left: 64.462 $\pm$ 0.576 χ^2 /NDF: 300.9/2

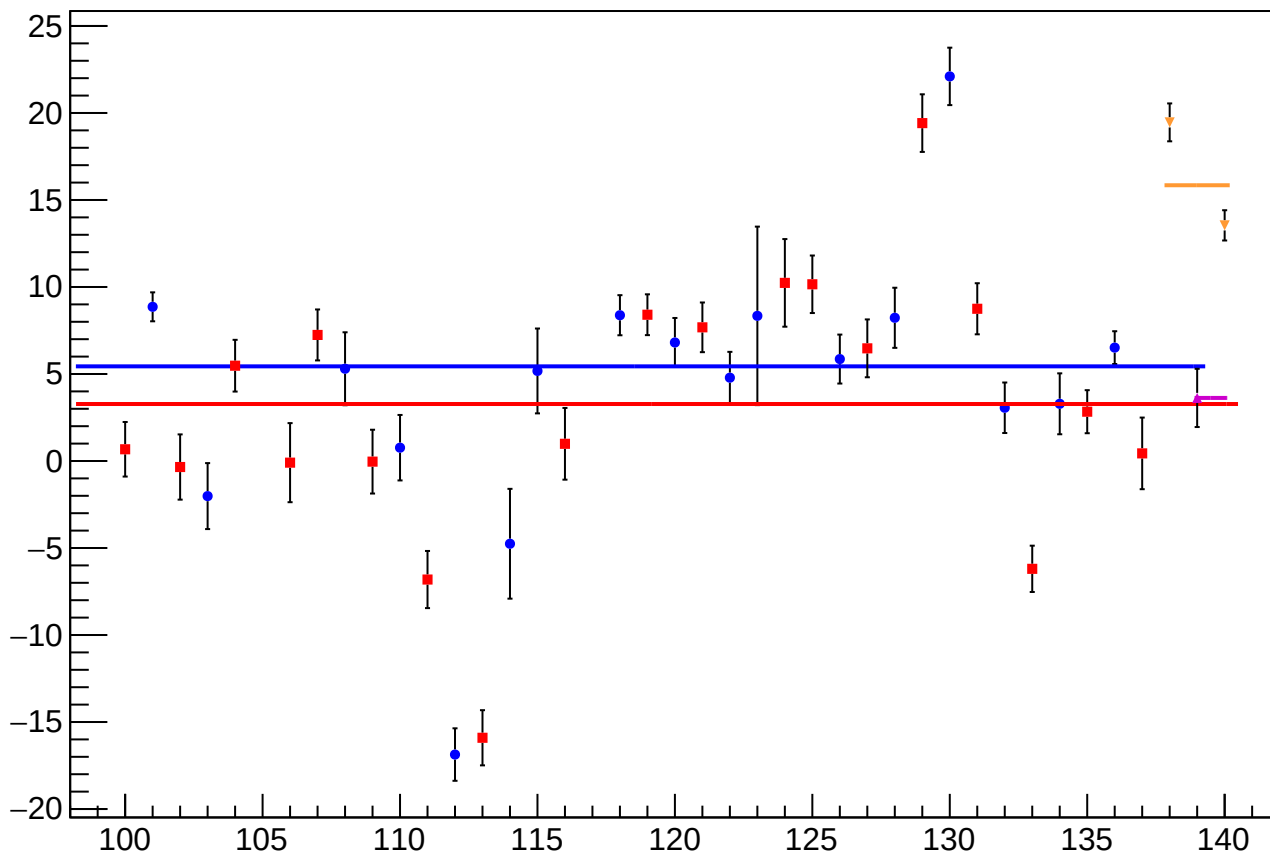
Right: 73.402 $\pm$ 0.397 χ^2 /NDF: 6719.1/35

In: 77.295 $\pm$ 0.502 χ^2 /NDF:2269.9/17

Out: 65.559 $\pm$ 0.430 χ^2 /NDF:4598.8/20

All: 70.523 $\pm$ 0.327 χ^2 /NDF: 7183.5/38

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.357 χ^2 /NDF: 385.9/16

Left Out: 15.847 $\pm$ 0.679 χ^2 /NDF:18.0/1

Right Out: 3.275 $\pm$ 0.365 χ^2 /NDF: 425.8/18

Left In: 3.625 $\pm$ 1.673 χ^2 /NDF:0.0/0

Left: 14.116 $\pm$ 0.629 χ^2 /NDF: 63.9/2

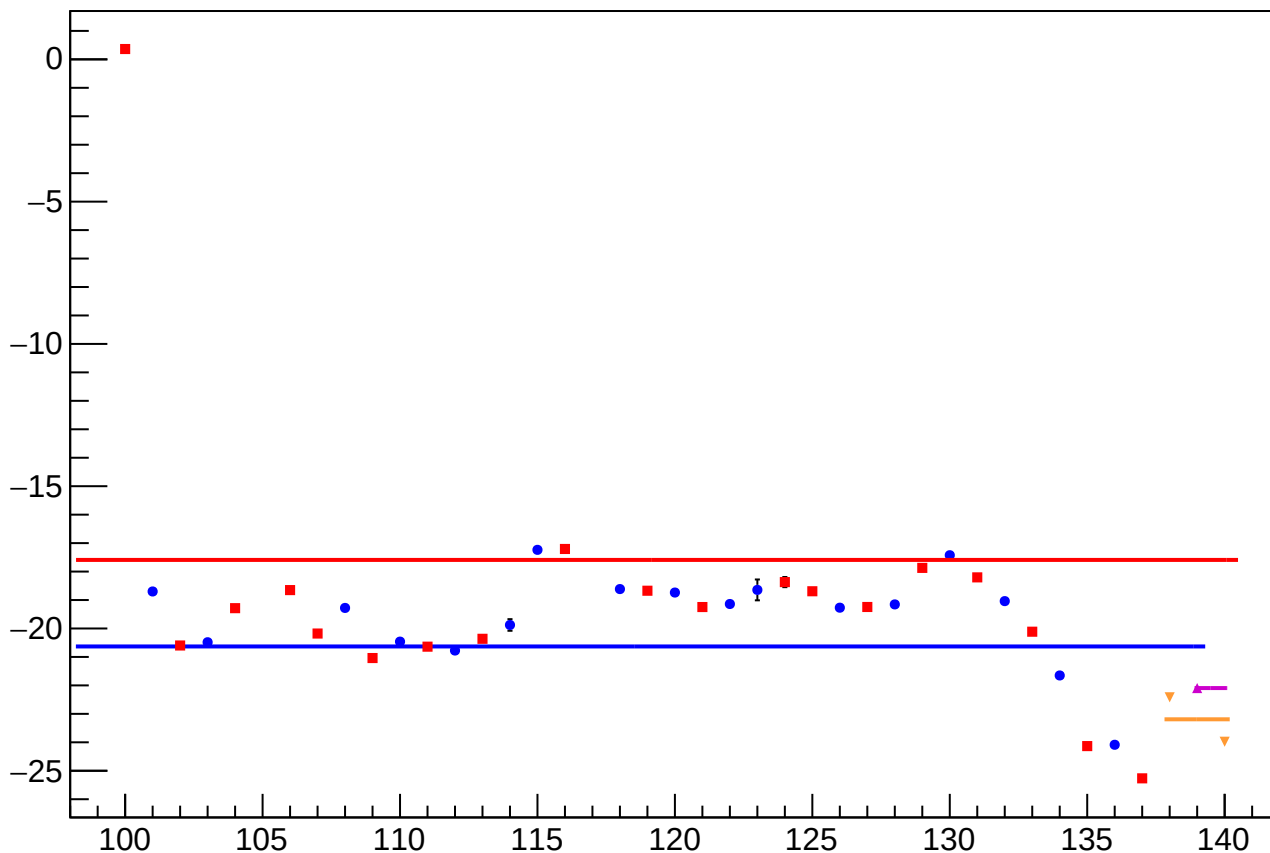
Right: 4.381 $\pm$ 0.256 χ^2 /NDF: 829.6/35

In: 5.360 $\pm$ 0.350 χ^2 /NDF:387.1/17

Out: 6.095 $\pm$ 0.322 χ^2 /NDF:709.4/20

All: 5.758 $\pm$ 0.237 χ^2 /NDF: 1098.9/38

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: -23.192 ± 0.029 $\chi^2/\text{NDF}: 736.6/1$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

Left In: -22.094 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

Left: -22.775 ± 0.023 $\chi^2/\text{NDF}: 1289.9/2$

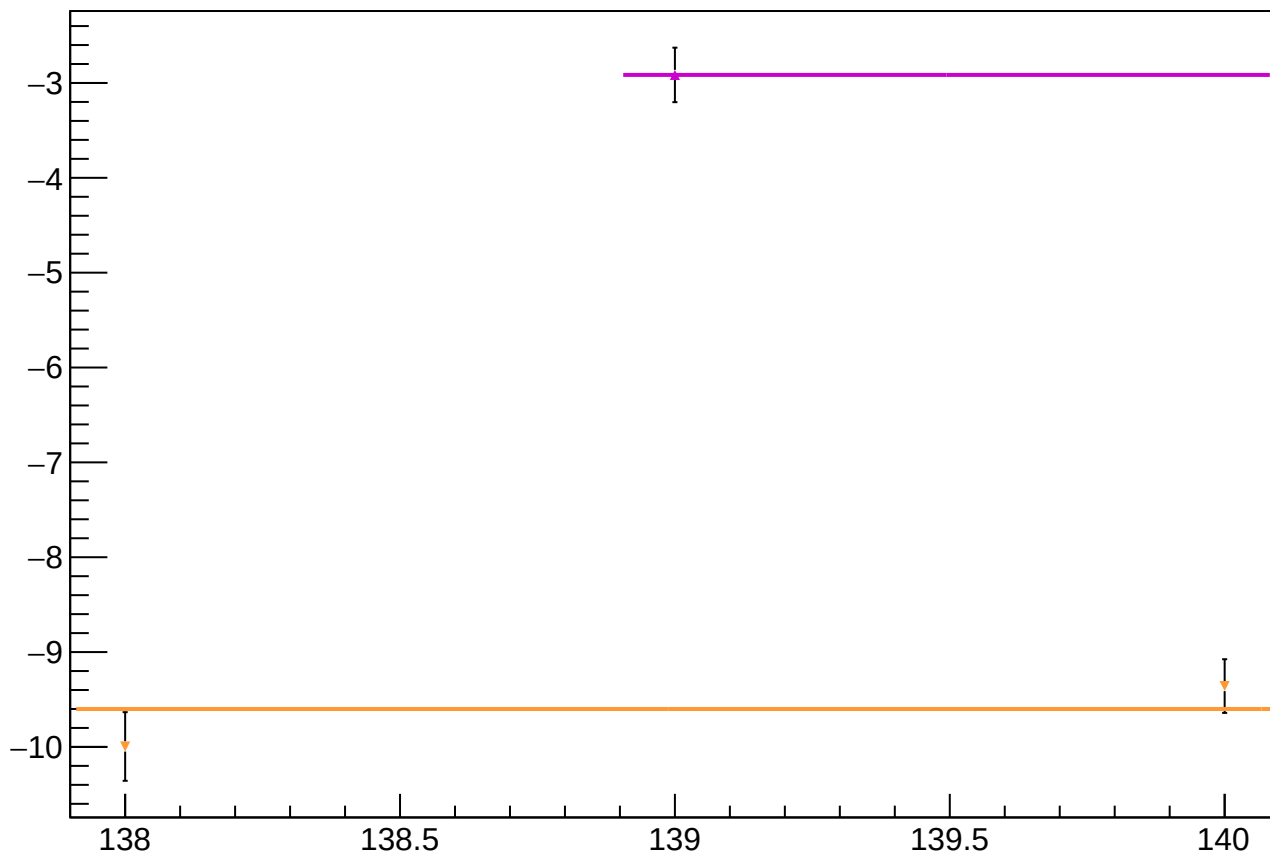
Right: -19.007 ± 0.013 $\chi^2/\text{NDF}: 204486.4/35$

In: -20.947 ± 0.017 $\chi^2/\text{NDF}: 13772.1/17$

Out: -19.169 ± 0.015 $\chi^2/\text{NDF}: 206650.3/20$

All: -19.959 ± 0.011 $\chi^2/\text{NDF}: 226451.2/38$

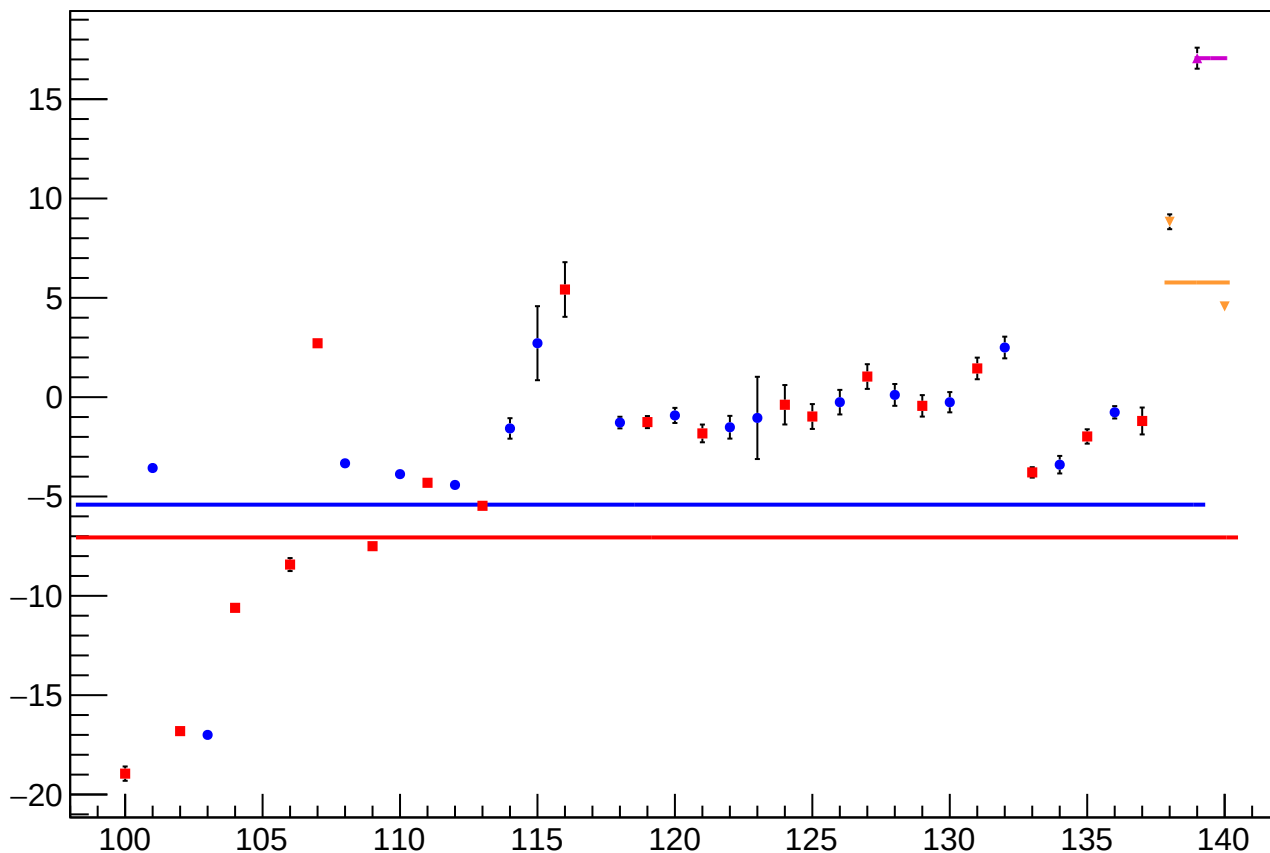
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



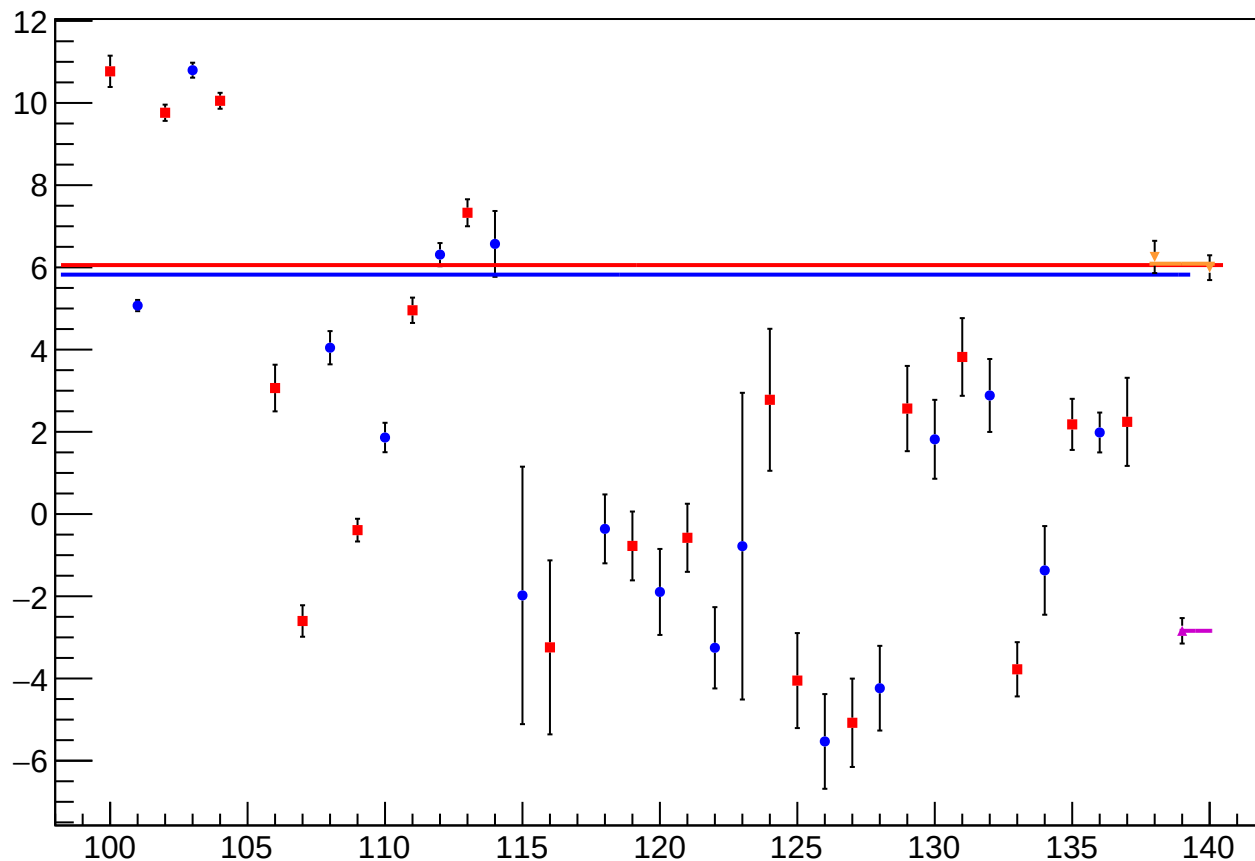
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.600+/-0.223 χ^2/NDF : 1.9/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.915+/-0.287 χ^2/NDF : 0.0/0

Left: -7.088+/-0.176 χ^2/NDF : 340.0/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.915+/-0.287 χ^2/NDF : 0.0/0
 Out: -9.600+/-0.223 χ^2/NDF : 1.9/1
 All: -7.088+/-0.176 χ^2/NDF : 340.0/2

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 6.090 ± 0.239 $\chi^2/\text{NDF}: 0.3/1$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

Left In: -2.840 ± 0.310 $\chi^2/\text{NDF}: 0.0/0$

Left: 2.758 ± 0.189 $\chi^2/\text{NDF}: 520.9/2$

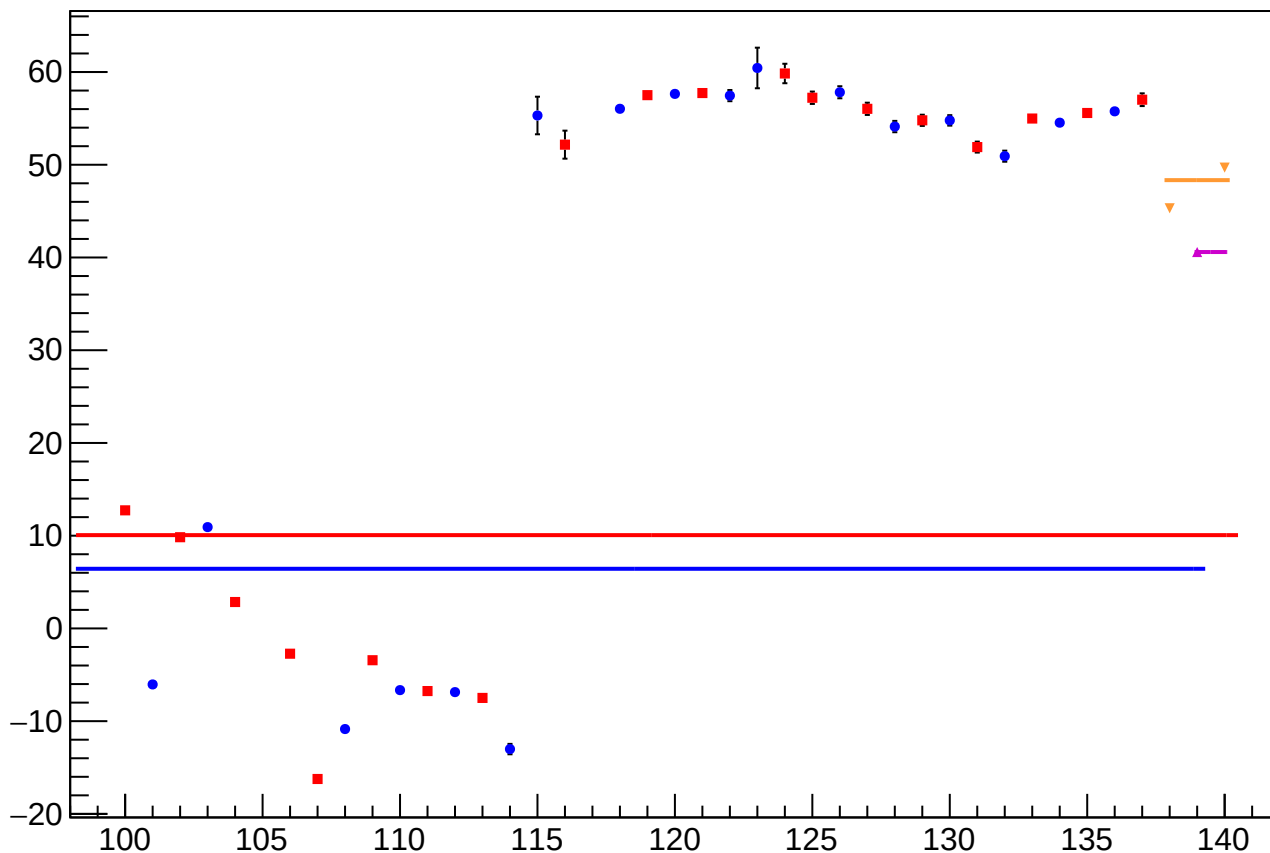
Right: 5.935 ± 0.065 $\chi^2/\text{NDF}: 4124.7/35$

In: 5.156 ± 0.086 $\chi^2/\text{NDF}: 2174.0/17$

Out: 6.061 ± 0.087 $\chi^2/\text{NDF}: 2669.2/20$

All: 5.603 ± 0.061 $\chi^2/\text{NDF}: 4897.9/38$

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: 48.341+/-0.236 χ^2/NDF : 73.8/1

Right Out: 10.060+/-0.070 χ^2/NDF : 121816.0/18

Left In: 40.588+/-0.510 χ^2/NDF : 0.0/0

Left: 46.979+/-0.214 χ^2/NDF : 264.0/2

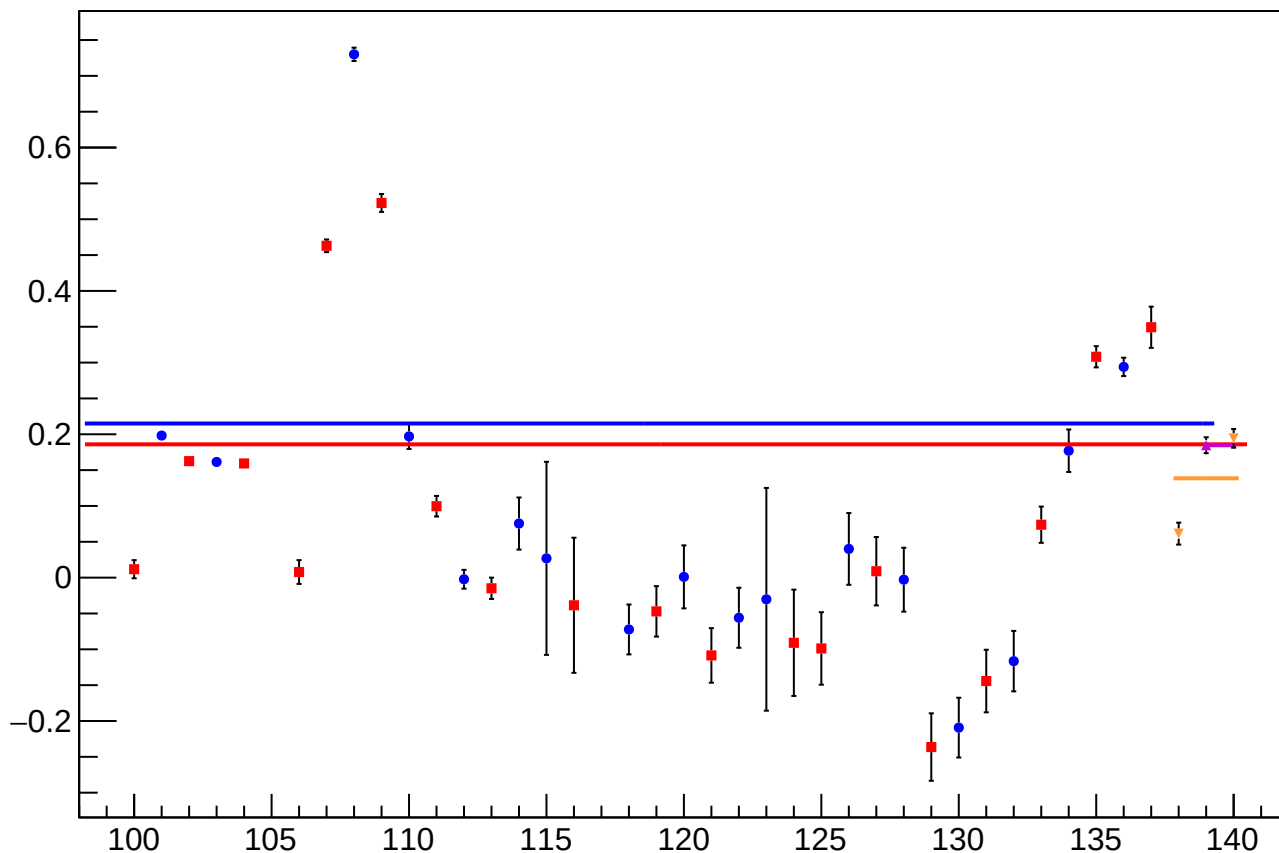
Right: 8.110+/-0.047 χ^2/NDF : 246756.9/35

In: 6.972+/-0.064 χ^2/NDF : 127893.5/17

Out: 13.144+/-0.067 χ^2/NDF : 146164.0/20

All: 9.932+/-0.046 χ^2/NDF : 278491.7/38

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: 0.139 $\pm$ 0.010 χ^2 /NDF:43.7/1

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

Left In: 0.185 $\pm$ 0.011 χ^2 /NDF:0.0/0

Left: 0.159 $\pm$ 0.007 χ^2 /NDF: 53.3/2

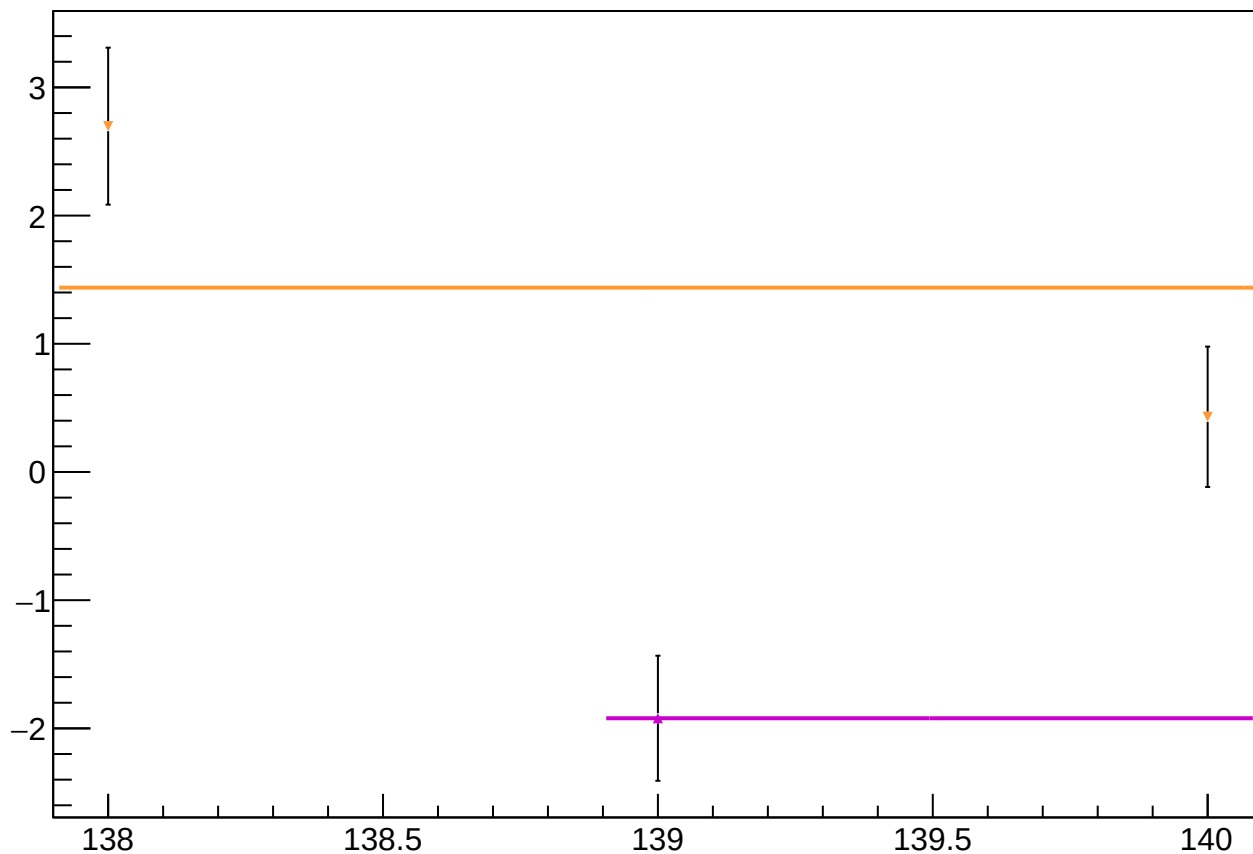
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6707.1/35

In: 0.213 $\pm$ 0.003 χ^2 /NDF:3937.1/17

Out: 0.183 $\pm$ 0.003 χ^2 /NDF:2785.3/20

All: 0.197 $\pm$ 0.002 χ^2 /NDF: 6789.2/38

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 1.438+/-0.408 χ^2/NDF : 7.6/1

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

Left In: -1.921+/-0.488 χ^2/NDF : 0.0/0

Left: 0.055+/-0.313 χ^2/NDF : 35.5/2

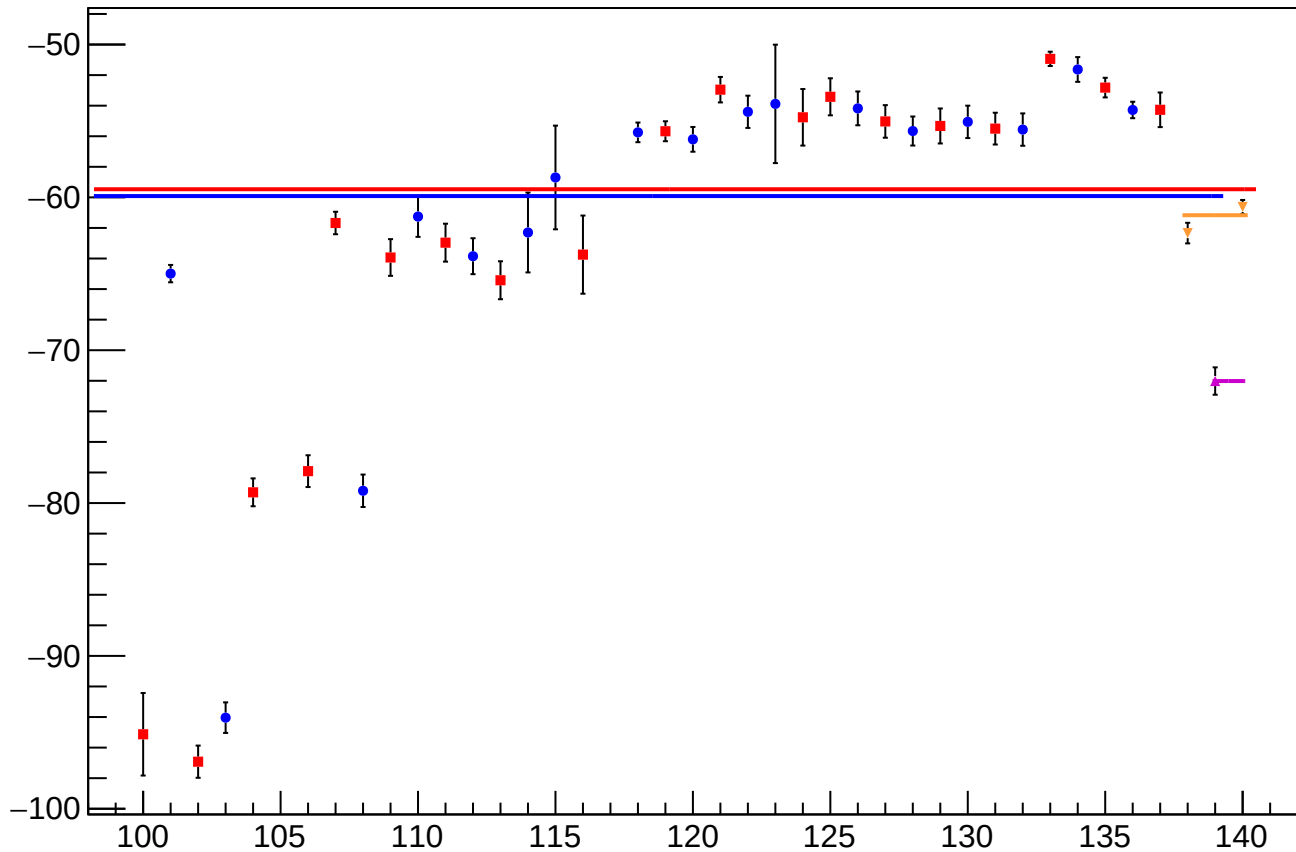
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.921+/-0.488 χ^2/NDF : 0.0/0

Out: 1.438+/-0.408 χ^2/NDF : 7.6/1

All: 0.055+/-0.313 χ^2/NDF : 35.5/2

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: -61.167 ± 0.378 χ^2/NDF : 4.4/1

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

Left In: -72.017 ± 0.895 χ^2/NDF : 0.0/0

Left: -62.811 ± 0.348 χ^2/NDF : 129.1/2

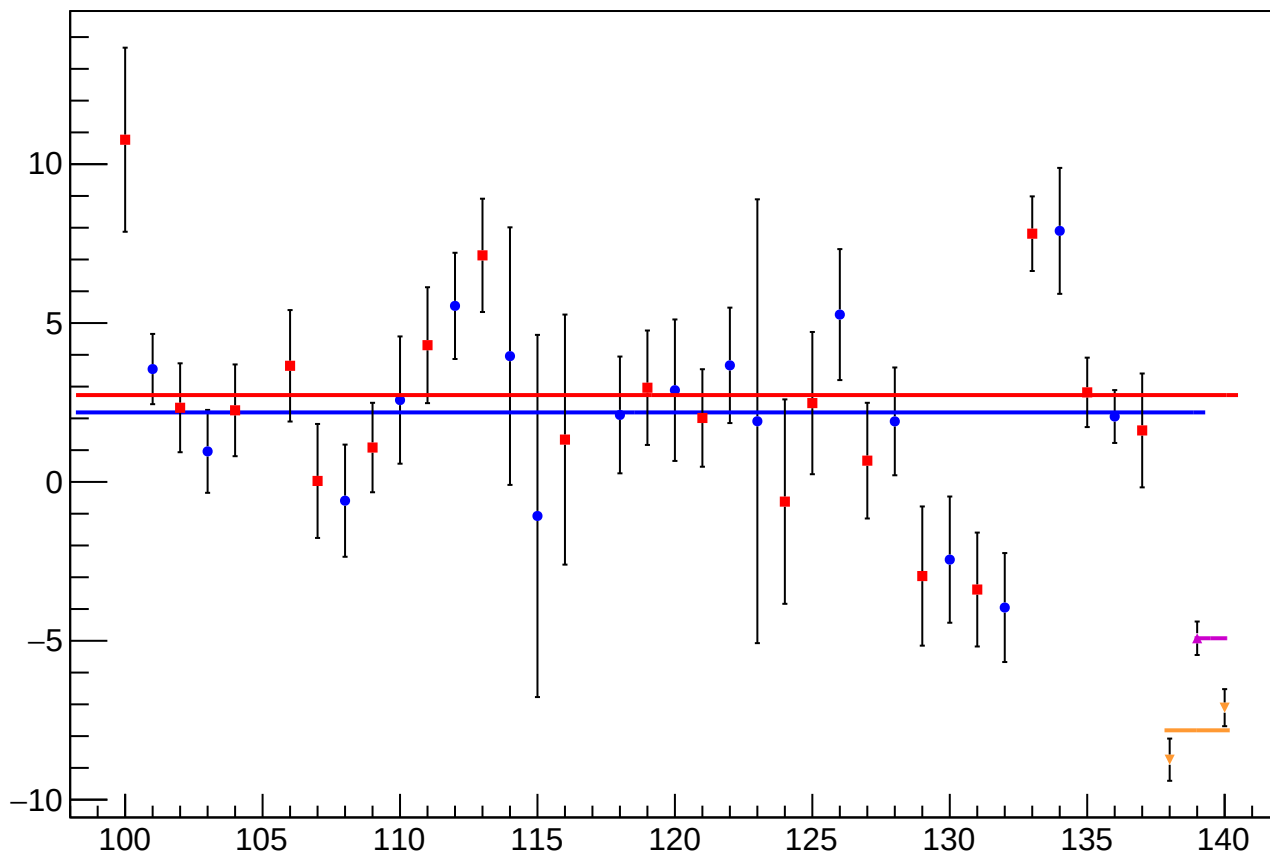
Right: -59.680 ± 0.154 χ^2/NDF : 4894.3/35

In: -60.622 ± 0.216 χ^2/NDF : 2151.6/17

Out: -59.874 ± 0.185 χ^2/NDF : 2932.4/20

All: -60.190 ± 0.141 χ^2/NDF : 5090.9/38

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: -7.817 ± 0.438 χ^2/NDF : 3.4/1

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

Left In: -4.920 ± 0.527 χ^2/NDF : 0.0/0

Left: -6.631 ± 0.337 χ^2/NDF : 21.3/2

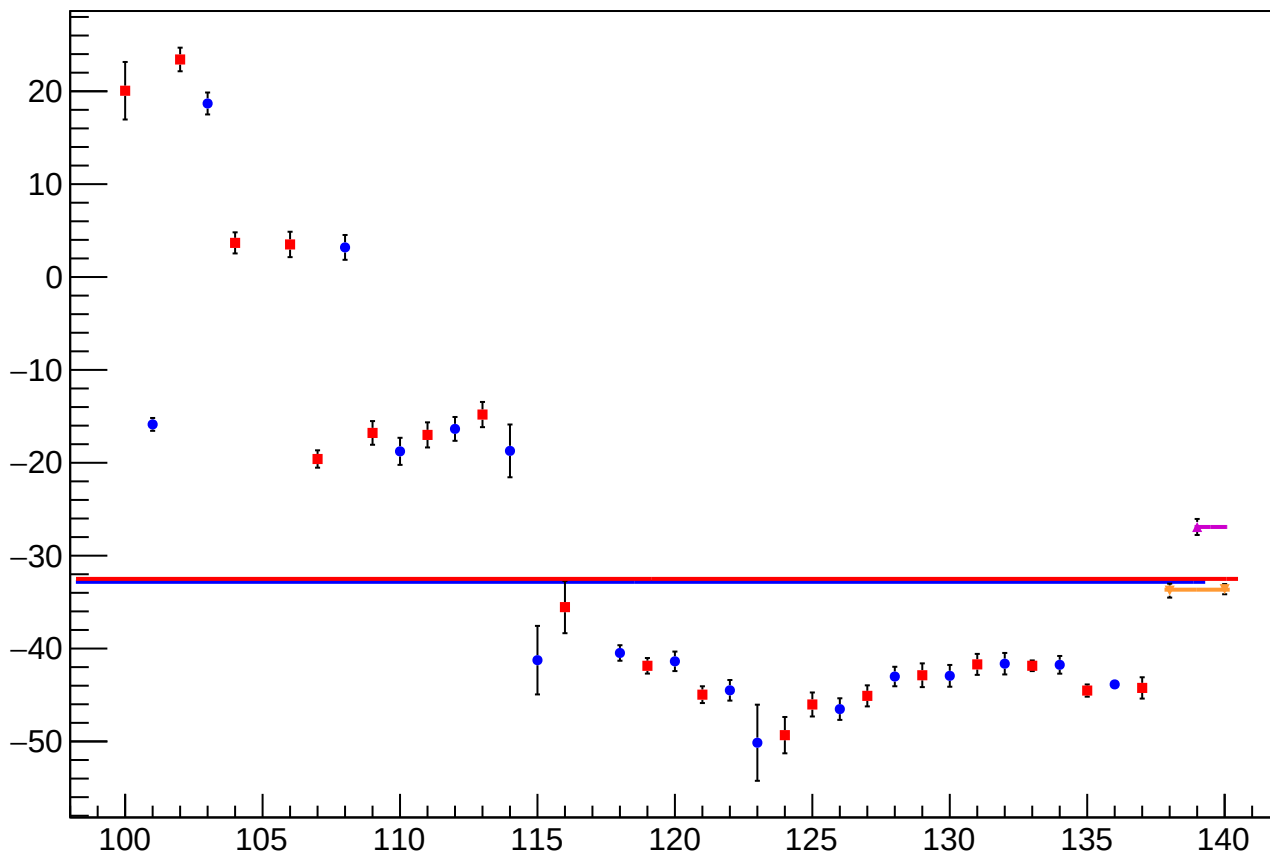
Right: 2.472 ± 0.280 χ^2/NDF : 98.9/35

In: -0.446 ± 0.321 χ^2/NDF : 153.8/17

Out: -1.897 ± 0.290 χ^2/NDF : 387.4/20

All: -1.243 ± 0.215 χ^2/NDF : 552.4/38

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -33.662 ± 0.443 $\chi^2/\text{NDF}: 0.0/1$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

Left In: -26.910 ± 0.863 $\chi^2/\text{NDF}: 0.0/0$

Left: -32.252 ± 0.394 $\chi^2/\text{NDF}: 48.4/2$

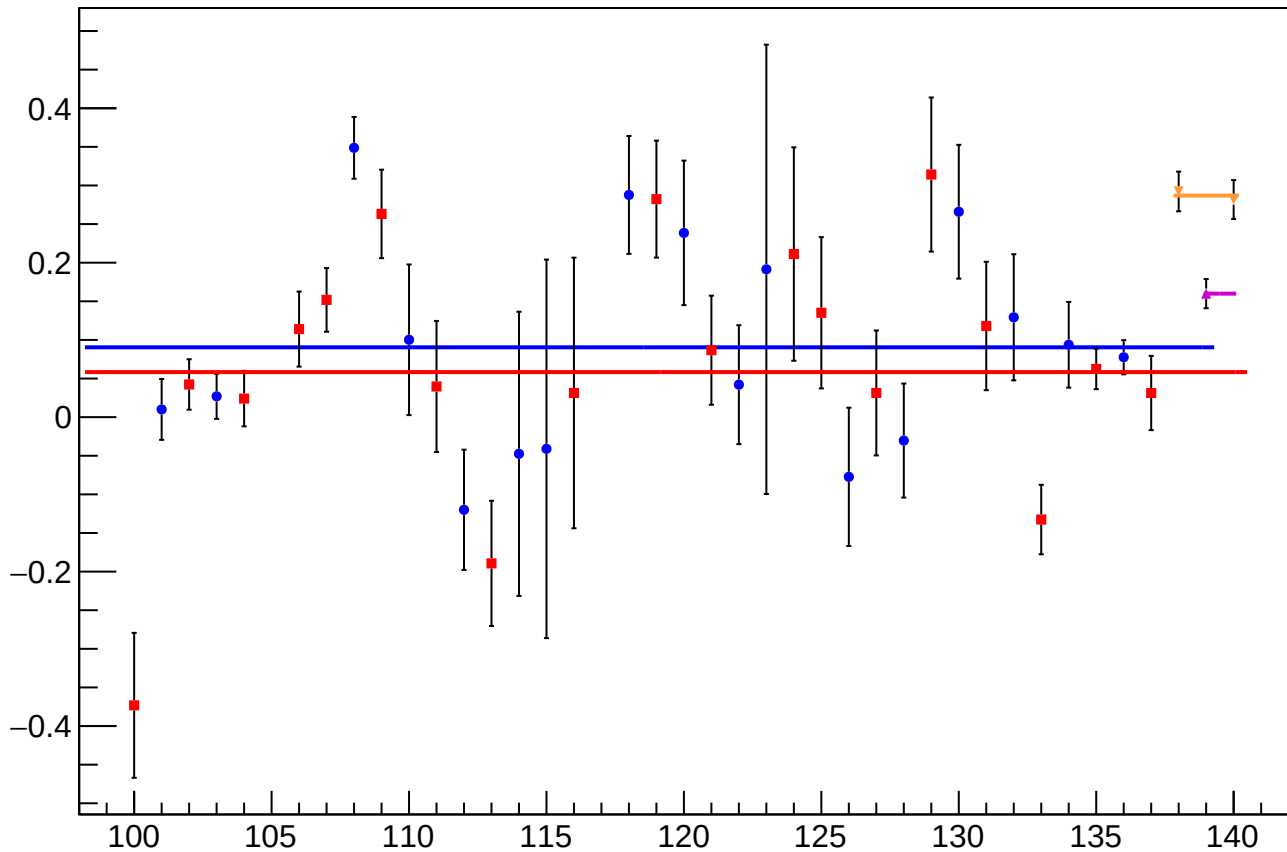
Right: -32.652 ± 0.176 $\chi^2/\text{NDF}: 10705.2/35$

In: -32.346 ± 0.244 $\chi^2/\text{NDF}: 4709.7/17$

Out: -32.771 ± 0.214 $\chi^2/\text{NDF}: 6043.1/20$

All: -32.586 ± 0.161 $\chi^2/\text{NDF}: 10754.5/38$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.2/16

Left Out: 0.287 $\pm$ 0.018 χ^2 /NDF:0.1/1

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.3/18

Left In: 0.160 $\pm$ 0.019 χ^2 /NDF:0.0/0

Left: 0.226 $\pm$ 0.013 χ^2 /NDF: 23.8/2

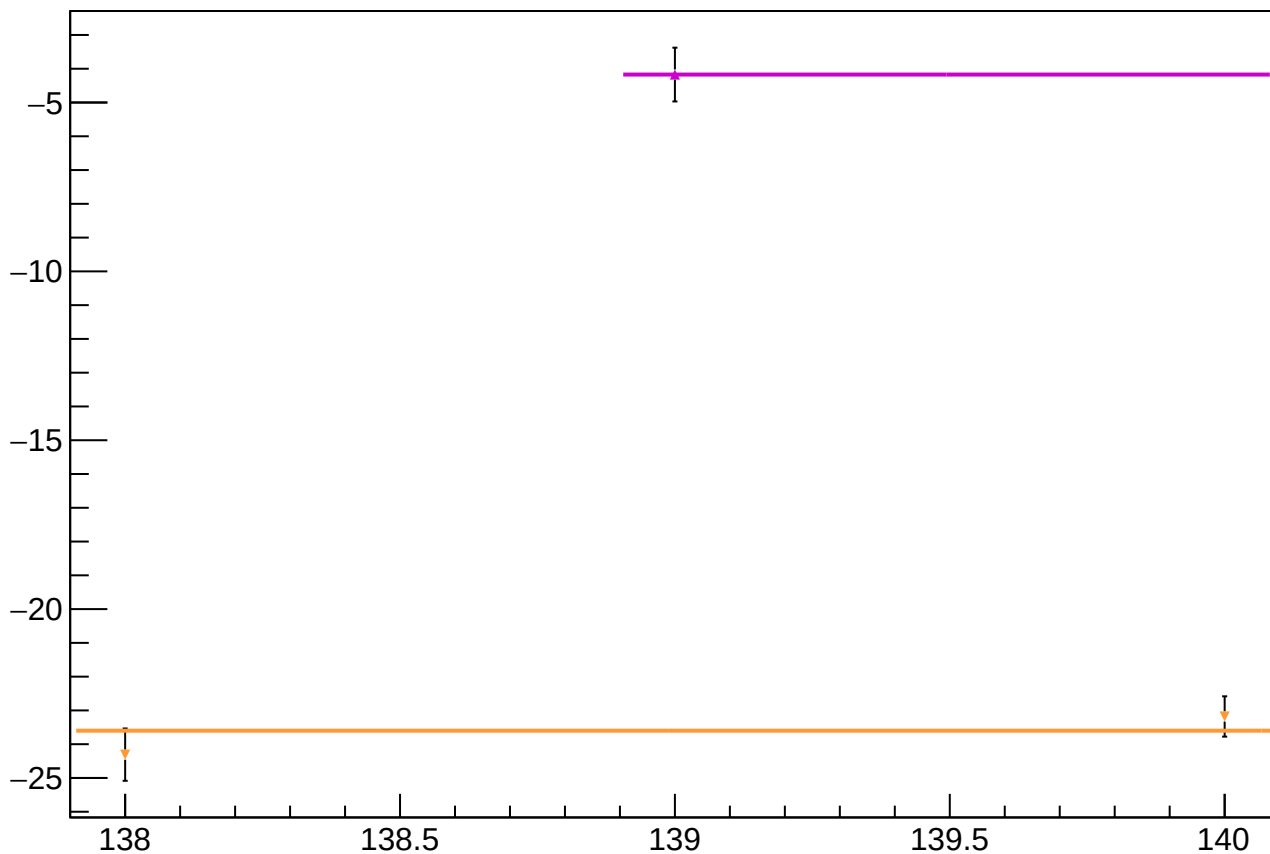
Right: 0.074 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.112 $\pm$ 0.011 χ^2 /NDF:88.6/17

Out: 0.130 $\pm$ 0.010 χ^2 /NDF:198.2/20

All: 0.121 $\pm$ 0.007 χ^2 /NDF: 288.2/38

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -23.600 $\pm$ 0.473 χ^2/NDF : 1.3/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -4.173 $\pm$ 0.796 χ^2/NDF : 0.0/0

Left: -18.537 $\pm$ 0.407 χ^2/NDF : 441.4/2

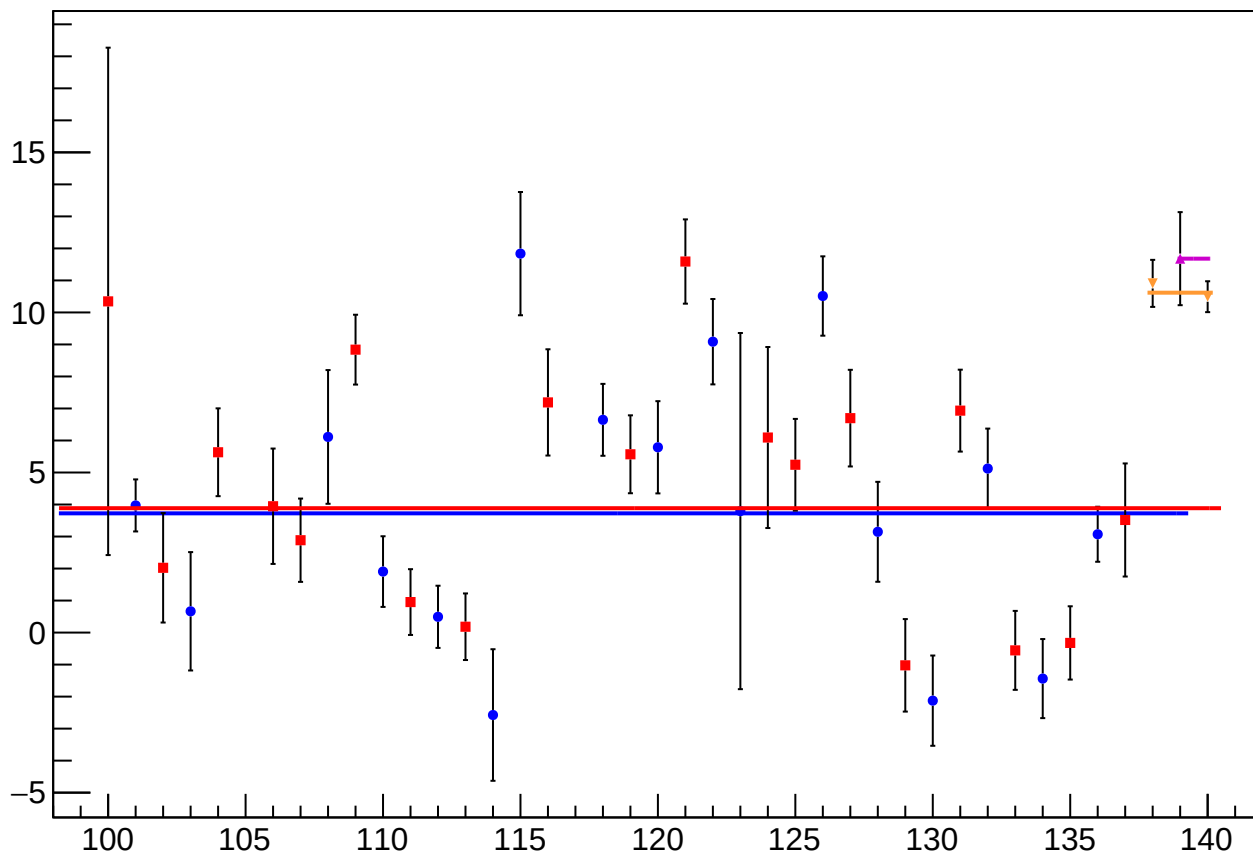
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -4.173 $\pm$ 0.796 χ^2/NDF : 0.0/0

Out: -23.600 $\pm$ 0.473 χ^2/NDF : 1.3/1

All: -18.537 $\pm$ 0.407 χ^2/NDF : 441.4/2

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 $\pm$ 0.308 χ^2 /NDF: 136.8/16

Left Out: 10.617 $\pm$ 0.403 χ^2 /NDF:0.2/1

Right Out: 3.885 $\pm$ 0.316 χ^2 /NDF: 134.4/18

Left In: 11.680 $\pm$ 1.453 χ^2 /NDF:0.0/0

Left: 10.693 $\pm$ 0.389 χ^2 /NDF: 0.7/2

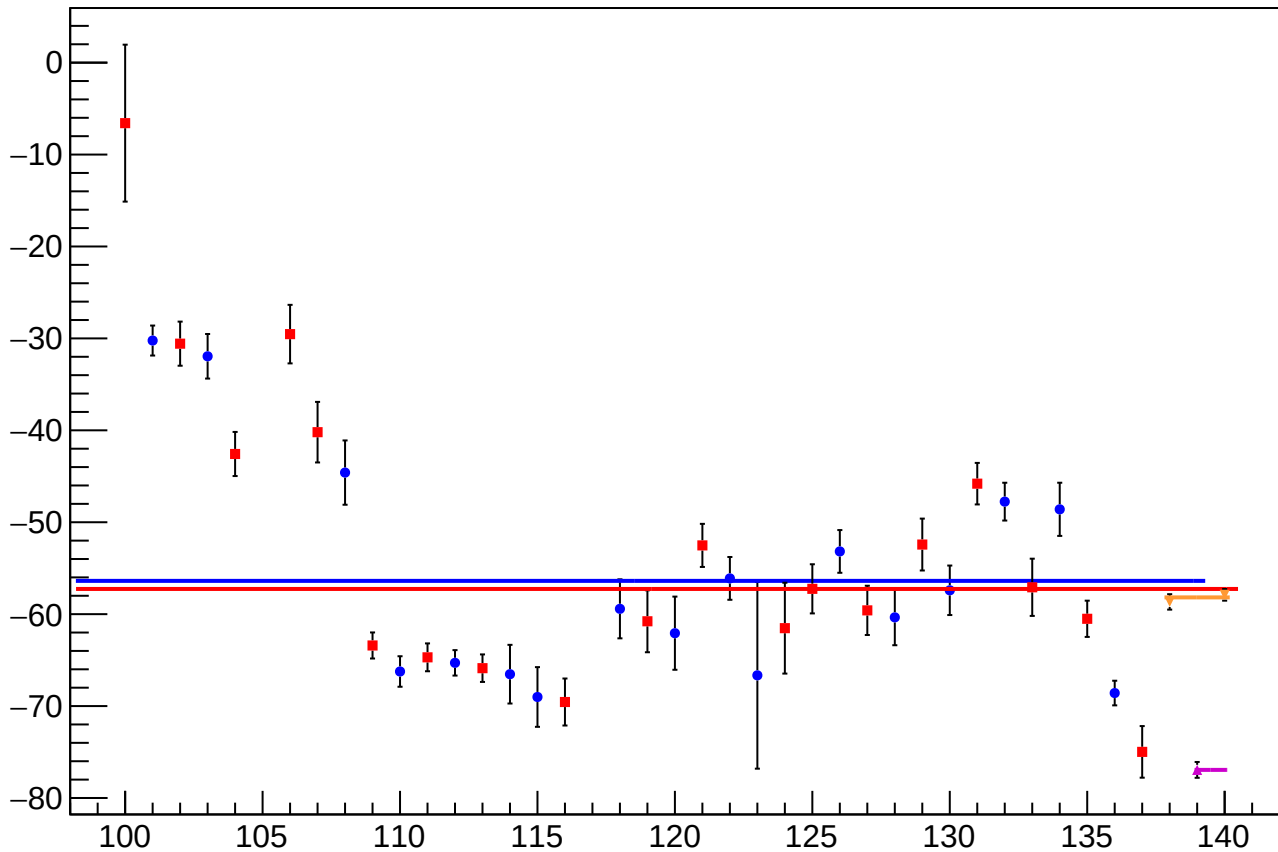
Right: 3.803 $\pm$ 0.221 χ^2 /NDF: 271.3/35

In: 4.067 $\pm$ 0.302 χ^2 /NDF:165.4/17

Out: 6.449 $\pm$ 0.249 χ^2 /NDF:307.2/20

All: 5.485 $\pm$ 0.192 χ^2 /NDF: 509.7/38

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -58.177 ± 0.507 χ^2/NDF : 0.5/1

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

Left In: -76.942 ± 0.861 χ^2/NDF : 0.0/0

Left: -63.006 ± 0.437 χ^2/NDF : 353.6/2

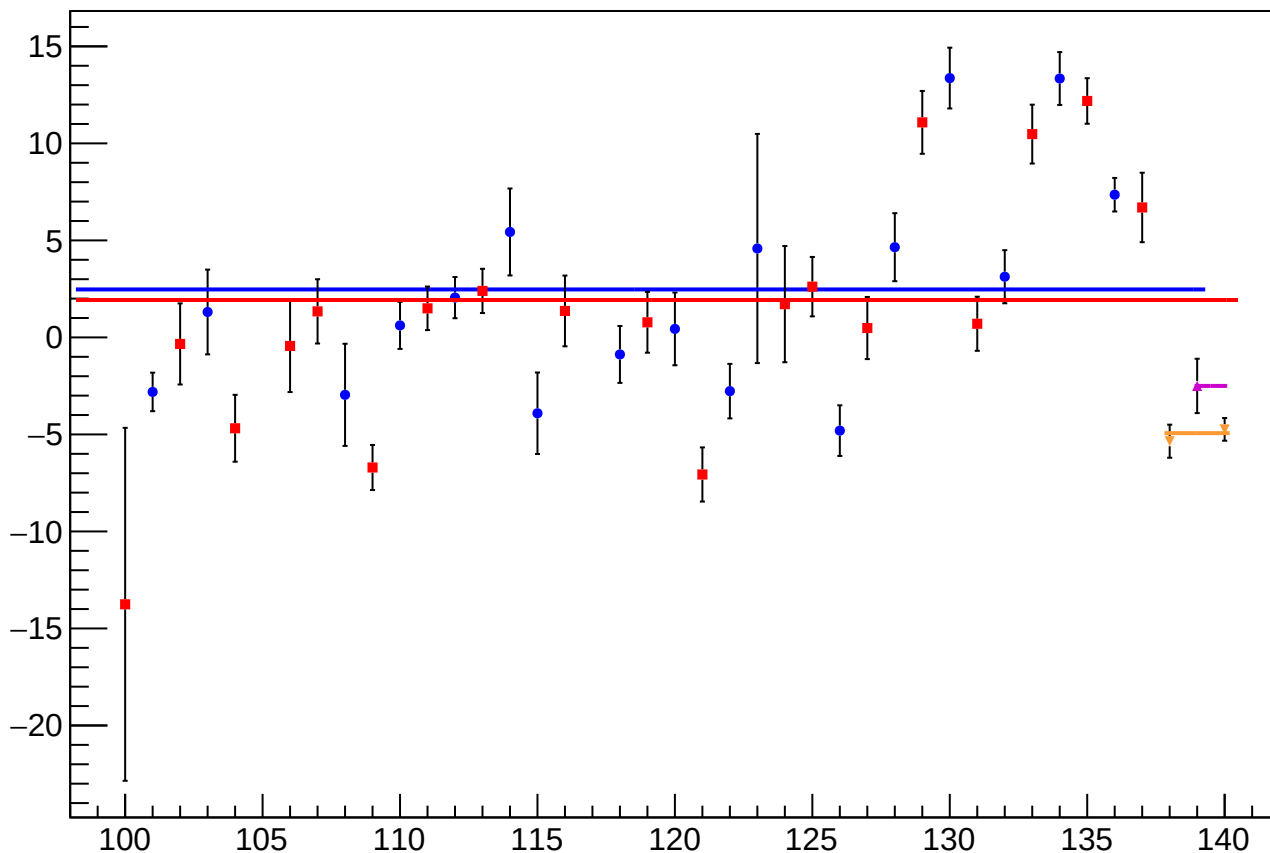
Right: -56.823 ± 0.381 χ^2/NDF : 1064.8/35

In: -62.217 ± 0.459 χ^2/NDF : 996.2/17

Out: -57.743 ± 0.368 χ^2/NDF : 478.2/20

All: -59.496 ± 0.287 χ^2/NDF : 1532.2/38

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: -4.934 ± 0.482 χ^2/NDF : 0.3/1

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

Left In: -2.500 ± 1.401 χ^2/NDF : 0.0/0

Left: -4.676 ± 0.456 χ^2/NDF : 3.0/2

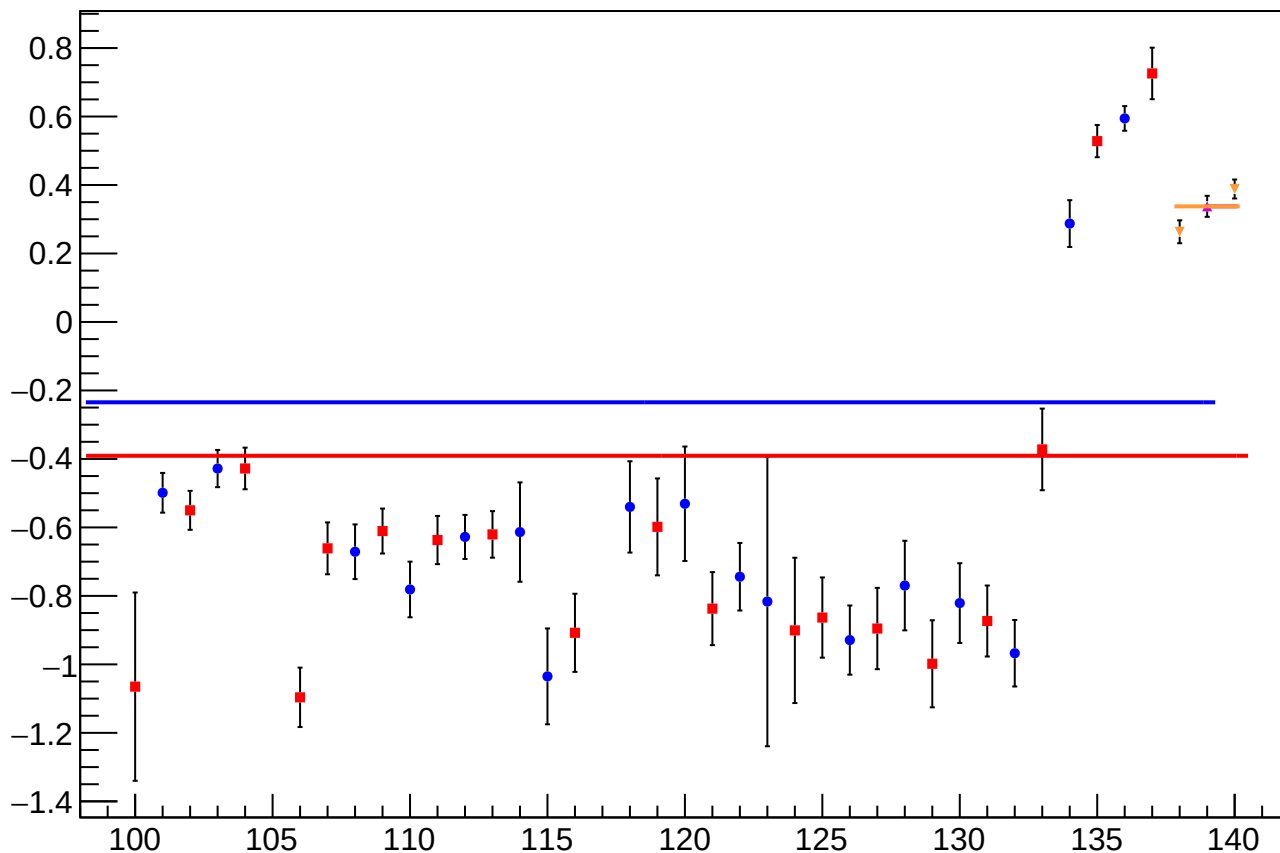
Right: 2.208 ± 0.248 χ^2/NDF : 511.4/35

In: 2.187 ± 0.335 χ^2/NDF : 255.5/17

Out: -0.484 ± 0.286 χ^2/NDF : 398.5/20

All: 0.639 ± 0.218 χ^2/NDF : 690.7/38

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: 0.338 ± 0.021 χ^2/NDF : 8.3/1

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

Left In: 0.338 ± 0.031 χ^2/NDF : 0.0/0

Left: 0.338 ± 0.018 χ^2/NDF : 8.3/2

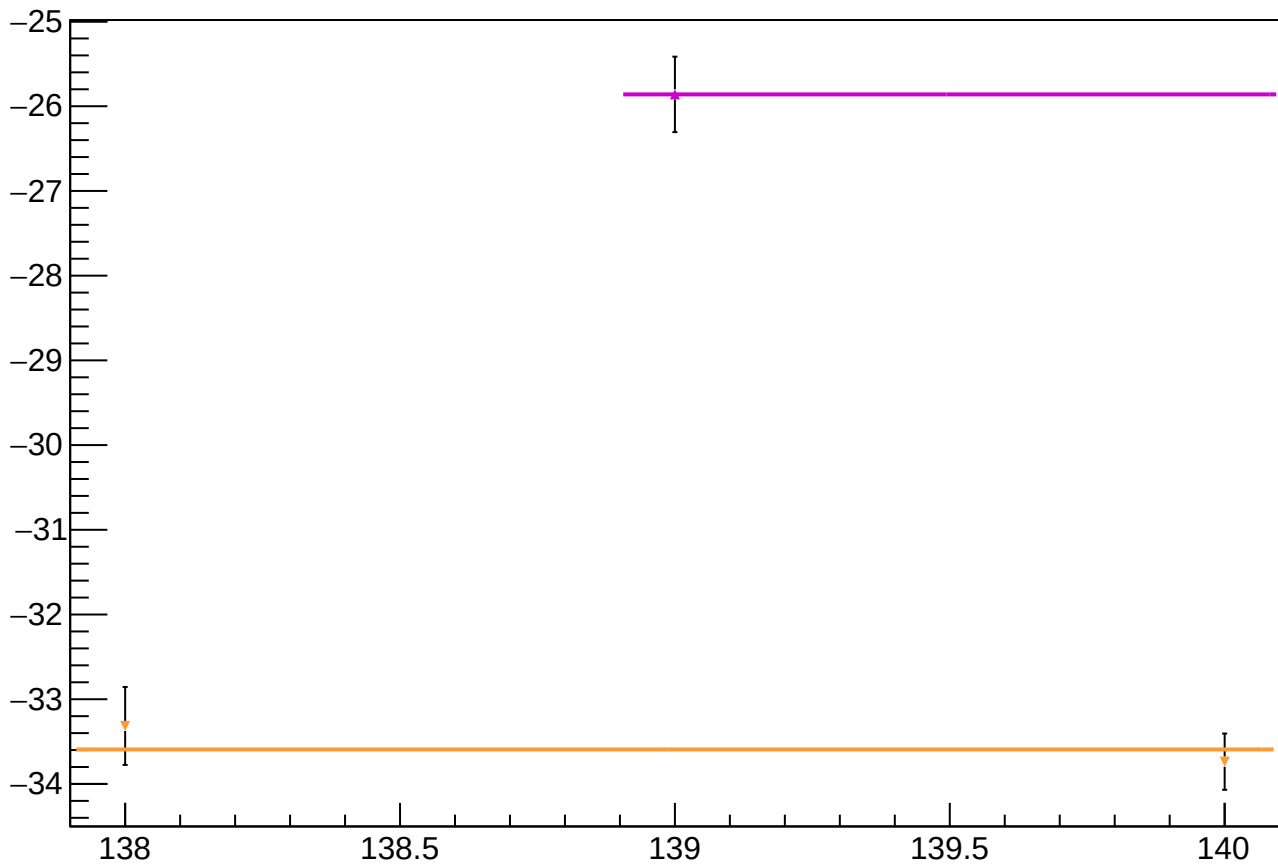
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: -0.077 ± 0.016 χ^2/NDF : 1211.4/17

Out: -0.070 ± 0.014 χ^2/NDF : 1513.0/20

All: -0.073 ± 0.011 χ^2/NDF : 2724.5/38

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: -33.593+/-0.269 χ^2/NDF : 0.6/1

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

Left In: -25.860+/-0.445 χ^2/NDF : 0.0/0

Left: -31.522+/-0.230 χ^2/NDF : 221.4/2

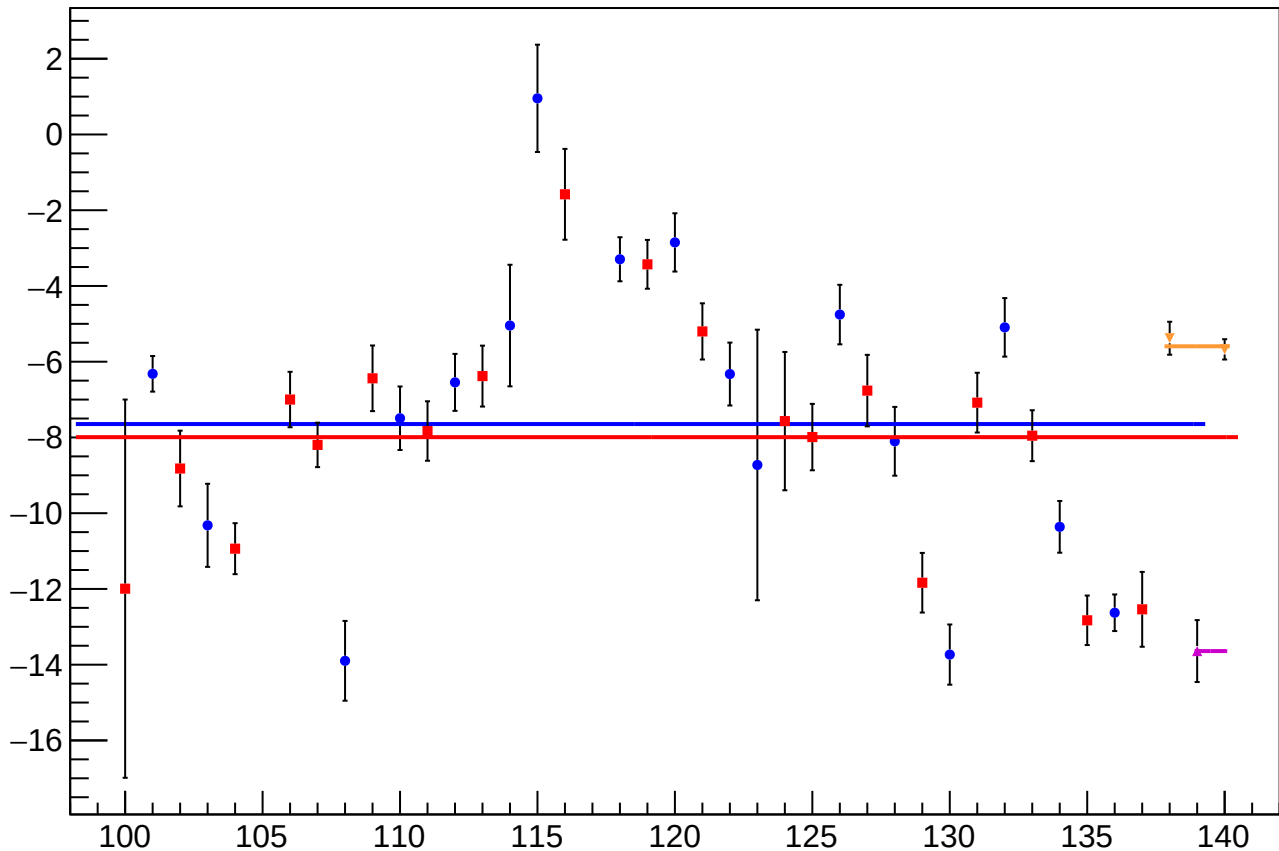
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.860+/-0.445 χ^2/NDF : 0.0/0

Out: -33.593+/-0.269 χ^2/NDF : 0.6/1

All: -31.522+/-0.230 χ^2/NDF : 221.4/2

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: -5.593 ± 0.228 χ^2/NDF : 0.3/1

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

Left In: -13.641 ± 0.818 χ^2/NDF : 0.0/0

Left: -6.175 ± 0.220 χ^2/NDF : 90.2/2

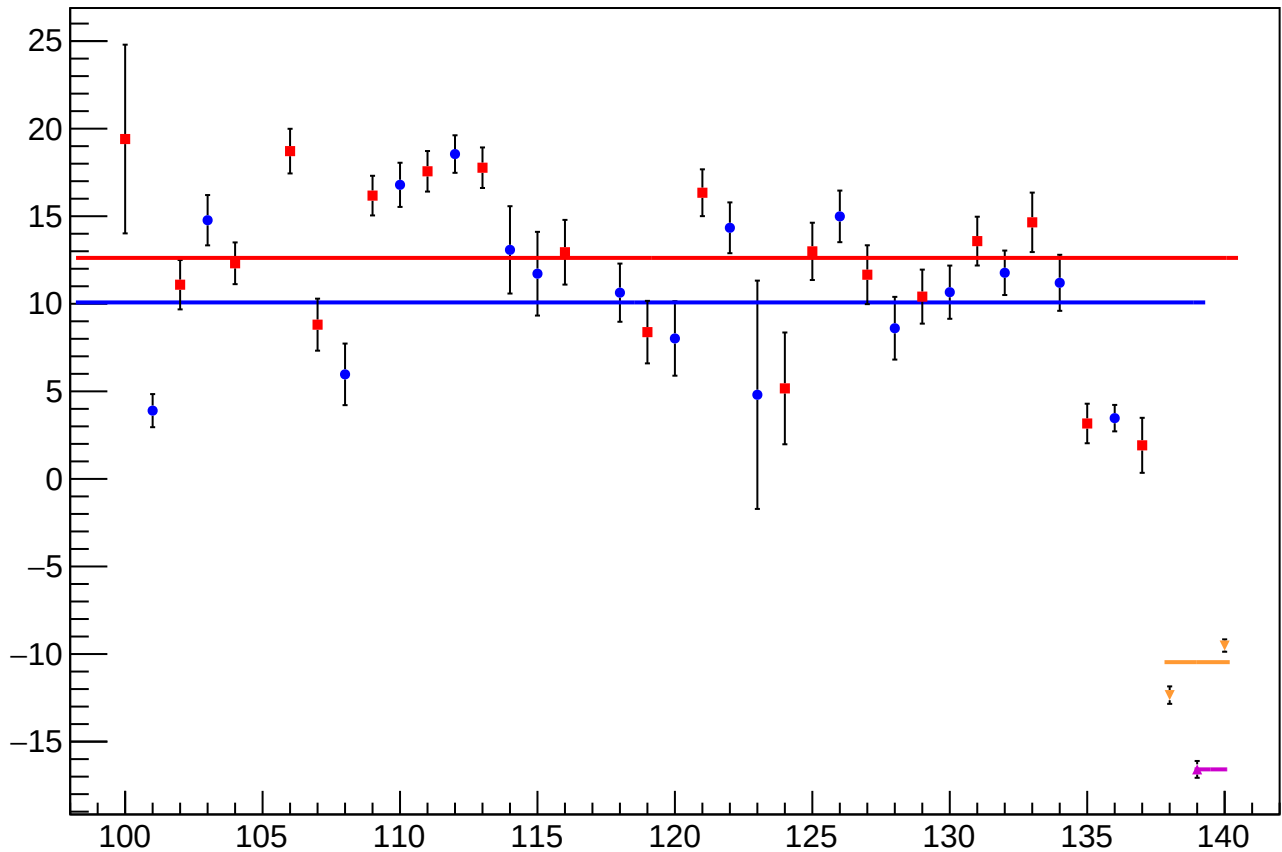
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.940 ± 0.181 χ^2/NDF : 444.7/17

Out: -7.036 ± 0.144 χ^2/NDF : 292.2/20

All: -7.387 ± 0.113 χ^2/NDF : 752.2/38

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -10.463 ± 0.288 χ^2/NDF : 21.5/1

Right Out: 12.620 ± 0.332 χ^2/NDF : 220.0/18

Left In: -16.586 ± 0.481 χ^2/NDF : 0.0/0

Left: -12.083 ± 0.247 χ^2/NDF : 140.8/2

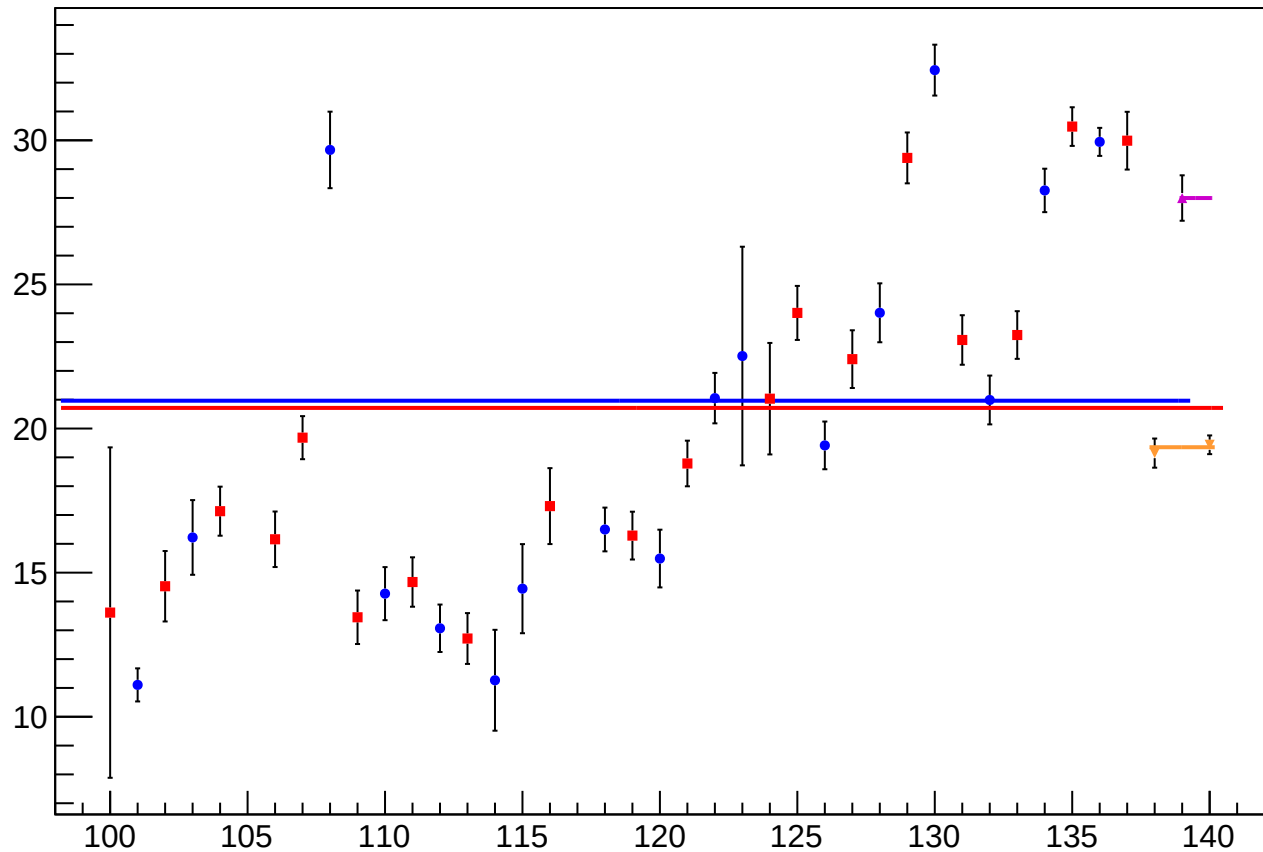
Right: 11.365 ± 0.237 χ^2/NDF : 501.6/35

In: 1.298 ± 0.276 χ^2/NDF : 2316.8/17

Out: -0.553 ± 0.218 χ^2/NDF : 2992.8/20

All: 0.158 ± 0.171 χ^2/NDF : 5337.3/38

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: 19.352 $\pm$ 0.273 χ^2 /NDF:0.2/1

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

Left In: 27.997 $\pm$ 0.788 χ^2 /NDF:0.0/0

Left: 20.279 $\pm$ 0.258 χ^2 /NDF: 107.6/2

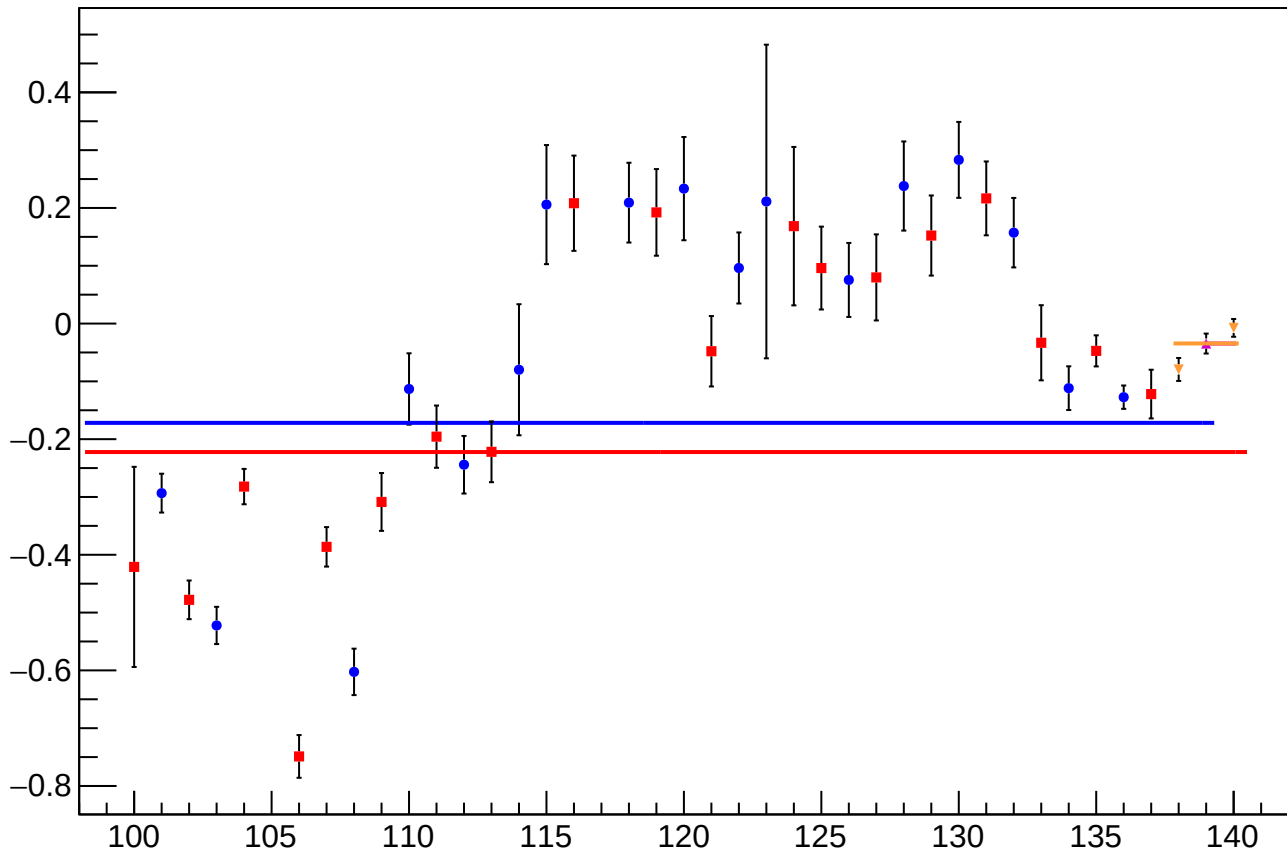
Right: 20.842 $\pm$ 0.149 χ^2 /NDF: 1956.1/35

In: 21.429 $\pm$ 0.202 χ^2 /NDF:1299.8/17

Out: 20.201 $\pm$ 0.168 χ^2 /NDF:745.6/20

All: 20.701 $\pm$ 0.129 χ^2 /NDF: 2067.2/38

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.034 ± 0.012 χ^2/NDF : 8.2/1

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

Left In: -0.035 ± 0.017 χ^2/NDF : 0.0/0

Left: -0.034 ± 0.010 χ^2/NDF : 8.2/2

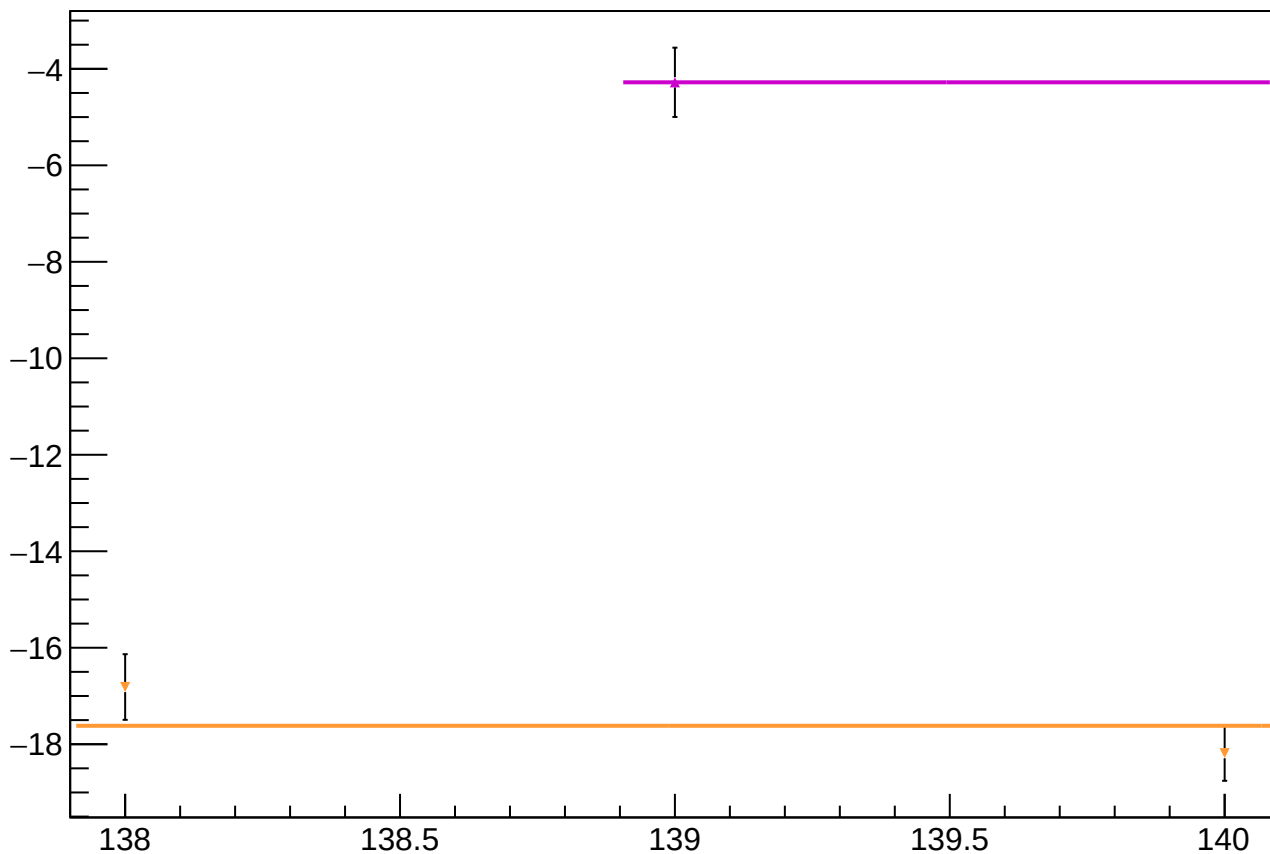
Right: -0.198 ± 0.008 χ^2/NDF : 1010.7/35

In: -0.131 ± 0.009 χ^2/NDF : 508.8/17

Out: -0.138 ± 0.008 χ^2/NDF : 676.0/20

All: -0.135 ± 0.006 χ^2/NDF : 1185.1/38

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: -17.618+/-0.438 χ^2/NDF : 2.4/1

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

Left In: -4.279+/-0.718 χ^2/NDF : 0.0/0

Left: -14.004+/-0.374 χ^2/NDF : 253.9/2

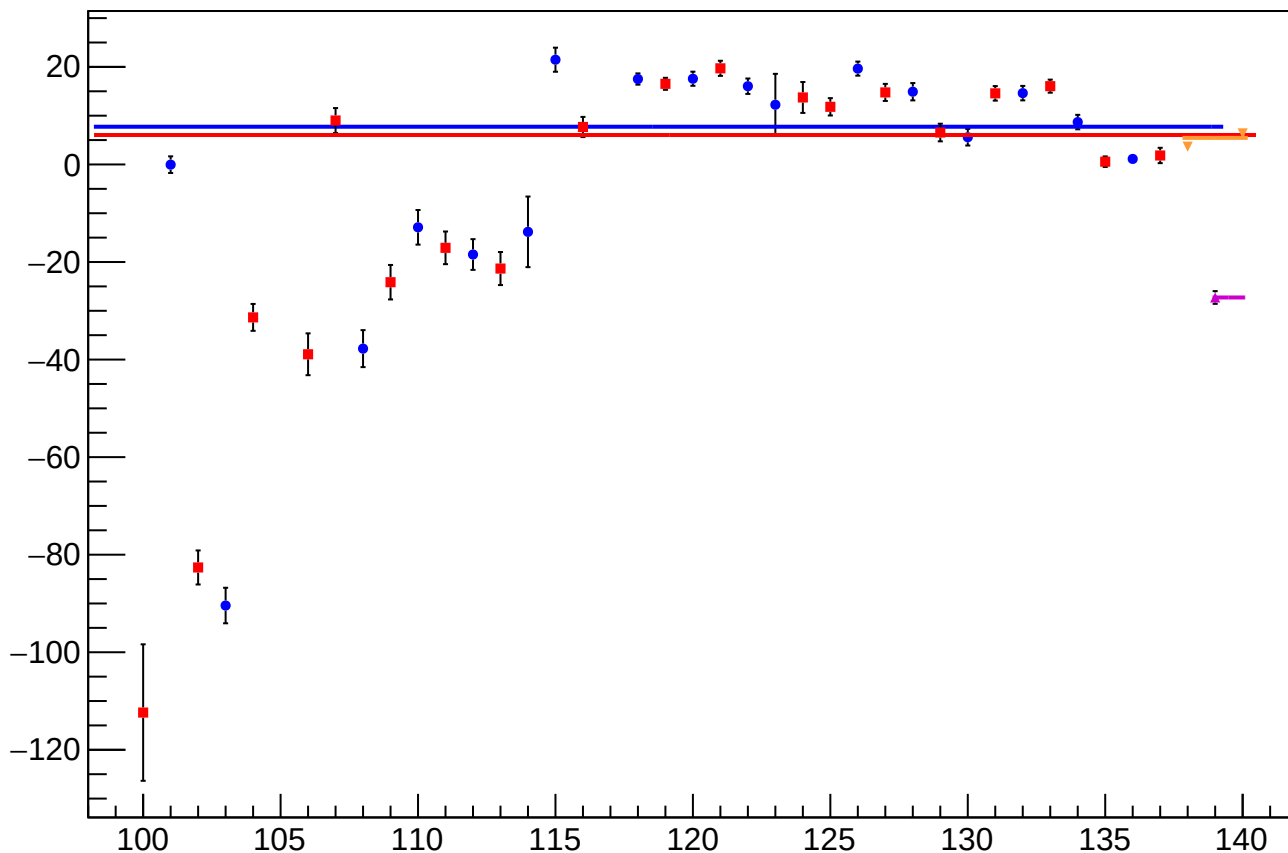
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.279+/-0.718 χ^2/NDF : 0.0/0

Out: -17.618+/-0.438 χ^2/NDF : 2.4/1

All: -14.004+/-0.374 χ^2/NDF : 253.9/2

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 5.449 ± 0.378 χ^2/NDF : 11.6/1

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

Left In: -27.271 ± 1.307 χ^2/NDF : 0.0/0

Left: 2.928 ± 0.363 χ^2/NDF : 589.9/2

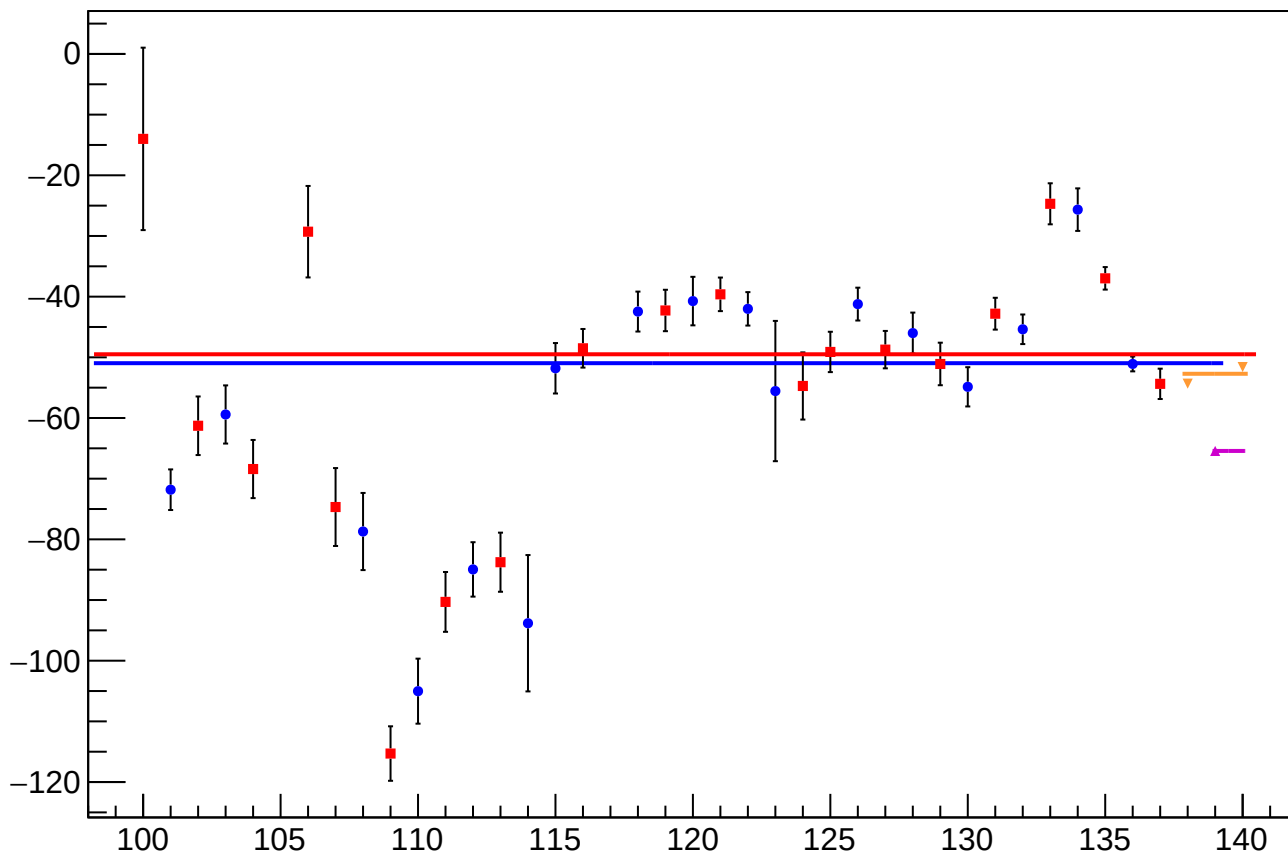
Right: 6.952 ± 0.295 χ^2/NDF : 2878.8/35

In: 4.703 ± 0.385 χ^2/NDF : 2013.5/17

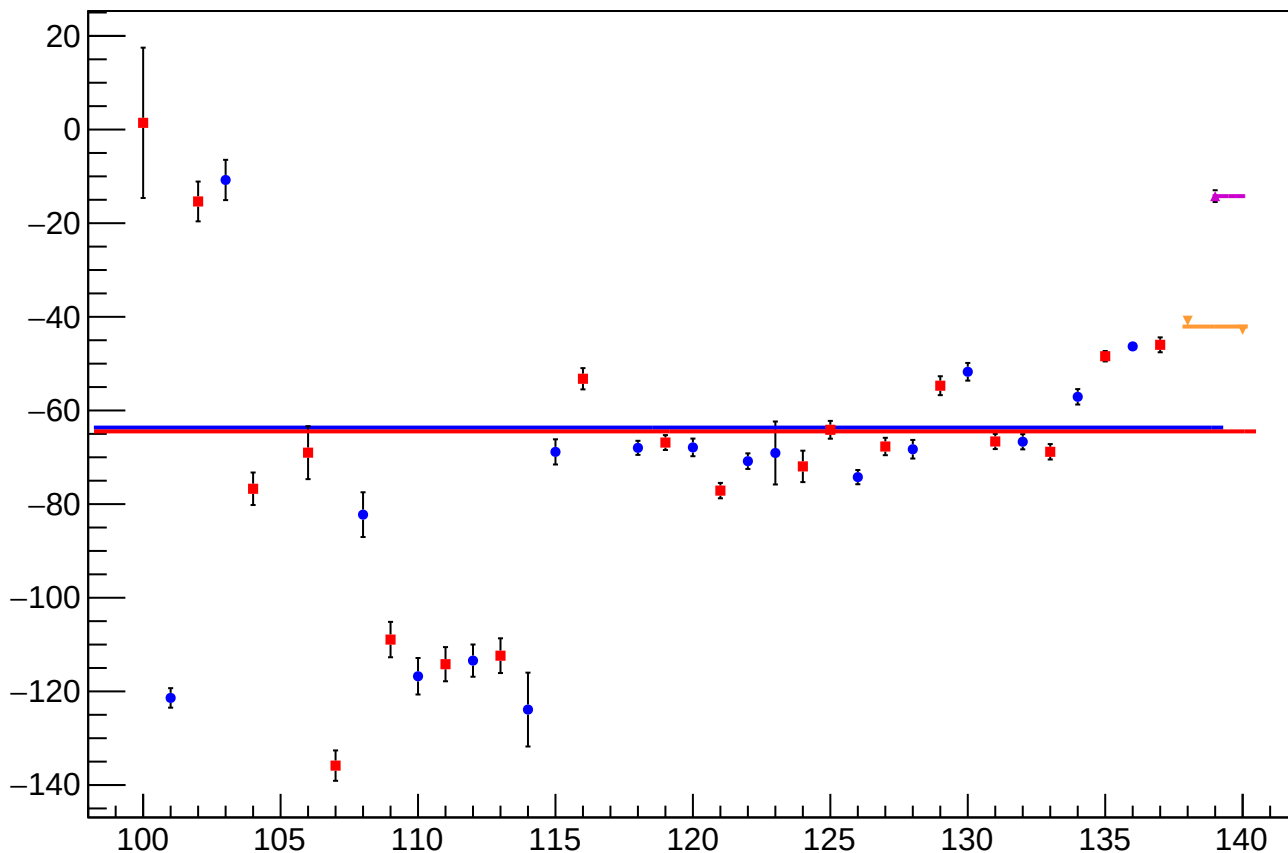
Out: 5.704 ± 0.285 χ^2/NDF : 1524.8/20

All: 5.349 ± 0.229 χ^2/NDF : 3542.7/38

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -42.077 ± 0.450 χ^2/NDF : 4.3/1

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

Left In: -14.219 ± 1.260 χ^2/NDF : 0.0/0

Left: -38.918 ± 0.424 χ^2/NDF : 438.0/2

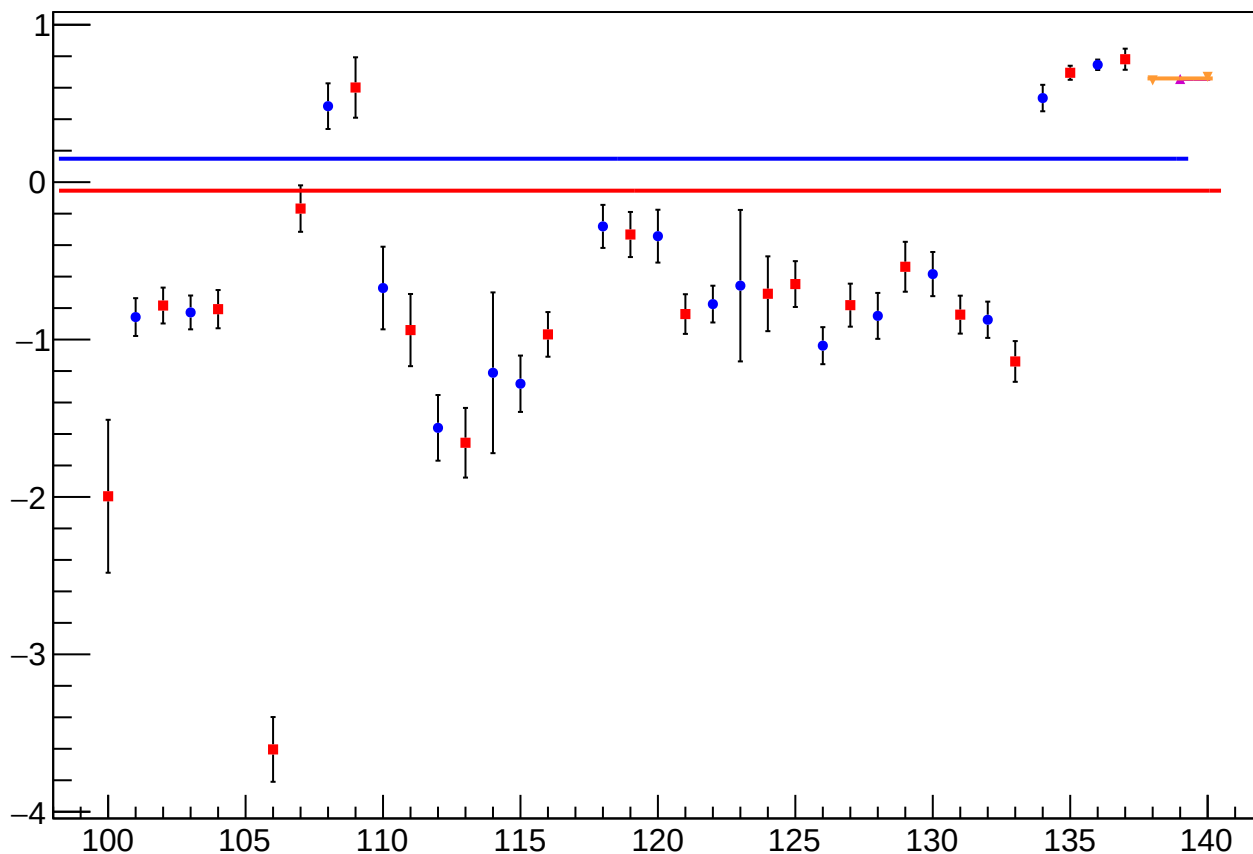
Right: -64.030 ± 0.327 χ^2/NDF : 3623.1/35

In: -58.162 ± 0.420 χ^2/NDF : 3384.1/17

Out: -52.505 ± 0.329 χ^2/NDF : 2761.9/20

All: -54.659 ± 0.259 χ^2/NDF : 6258.4/38

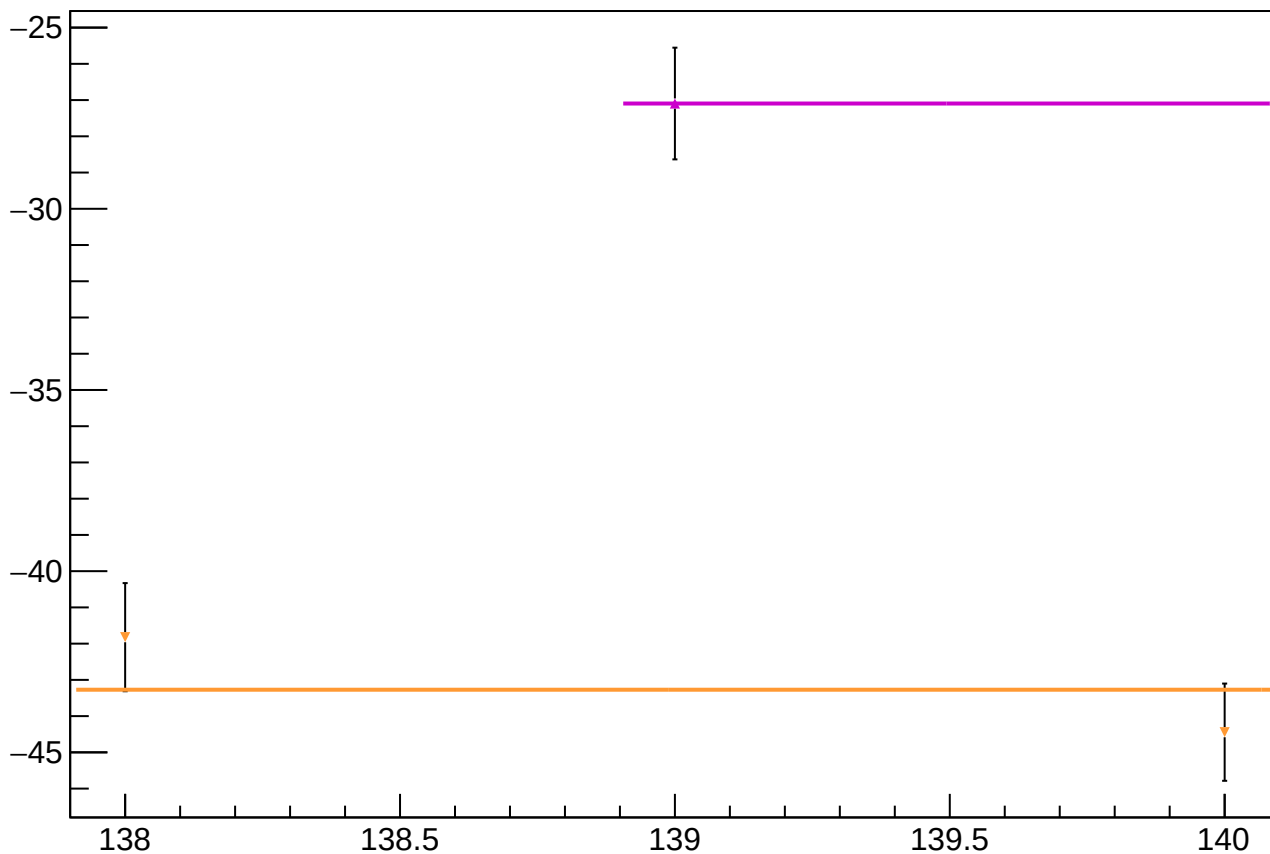
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16
 Left Out: 0.659 $\pm$ 0.020 χ^2 /NDF:0.3/1
 Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18
 Left In: 0.655 $\pm$ 0.028 χ^2 /NDF:0.0/0

Left: 0.658 $\pm$ 0.016 χ^2 /NDF: 0.3/2
 Right: 0.056 $\pm$ 0.018 χ^2 /NDF: 2190.5/35
 In: 0.367 $\pm$ 0.018 χ^2 /NDF:1182.3/17
 Out: 0.401 $\pm$ 0.016 χ^2 /NDF:1641.1/20
 All: 0.387 $\pm$ 0.012 χ^2 /NDF: 2825.4/38

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: -43.272+/-0.998 χ^2/NDF : 1.7/1

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

Left In: -27.095+/-1.541 χ^2/NDF : 0.0/0

Left: -38.495+/-0.838 χ^2/NDF : 79.3/2

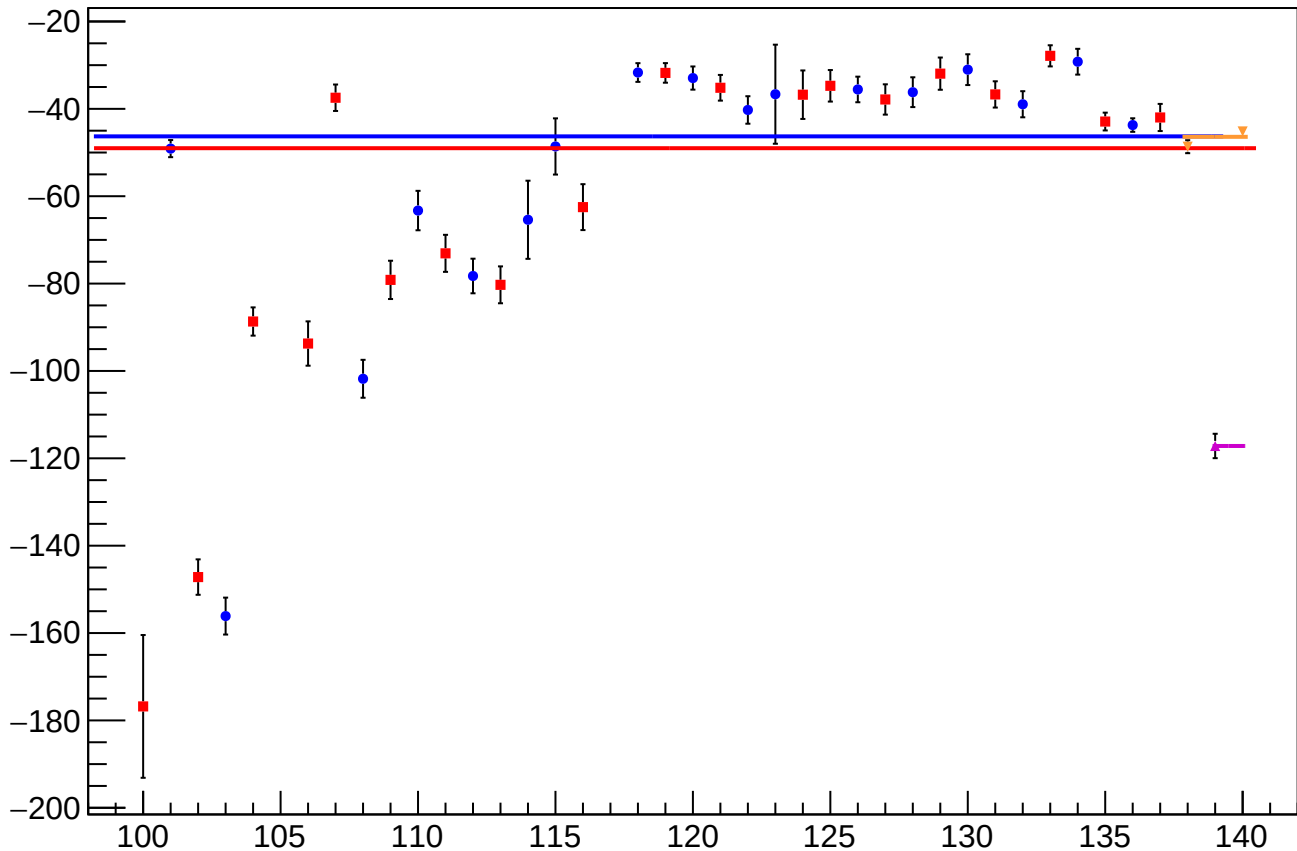
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.095+/-1.541 χ^2/NDF : 0.0/0

Out: -43.272+/-0.998 χ^2/NDF : 1.7/1

All: -38.495+/-0.838 χ^2/NDF : 79.3/2

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: -46.406 ± 0.883 $\chi^2/\text{NDF}: 3.6/1$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

Left In: -117.175 ± 2.792 $\chi^2/\text{NDF}: 0.0/0$

Left: -52.846 ± 0.842 $\chi^2/\text{NDF}: 587.6/2$

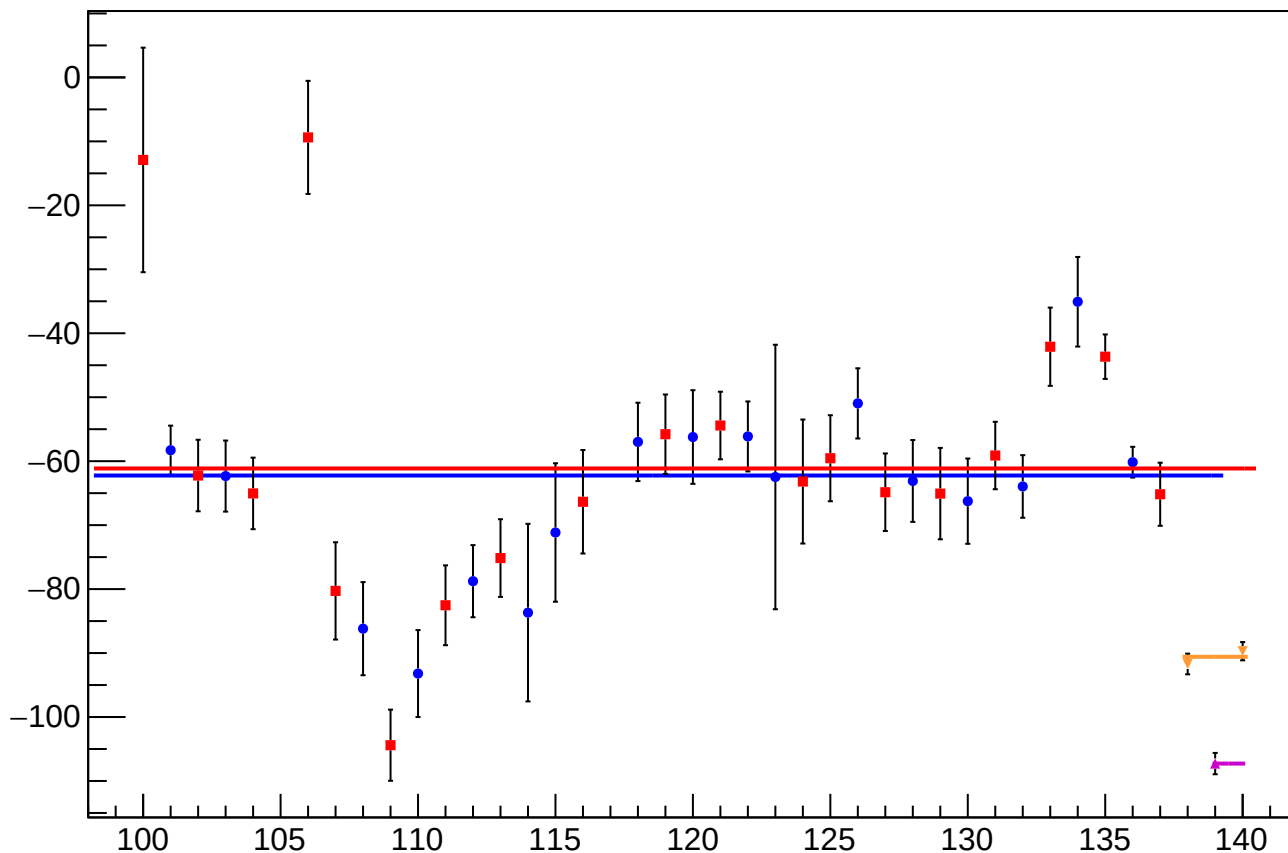
Right: -47.580 ± 0.525 $\chi^2/\text{NDF}: 2362.3/35$

In: -50.751 ± 0.700 $\chi^2/\text{NDF}: 1688.0/17$

Out: -47.895 ± 0.578 $\chi^2/\text{NDF}: 1280.2/20$

All: -49.053 ± 0.446 $\chi^2/\text{NDF}: 2978.0/38$

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: -90.585 ± 1.071 χ^2/NDF : 0.9/1

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

Left In: -107.280 ± 1.668 χ^2/NDF : 0.0/0

Left: -95.460 ± 0.901 χ^2/NDF : 71.8/2

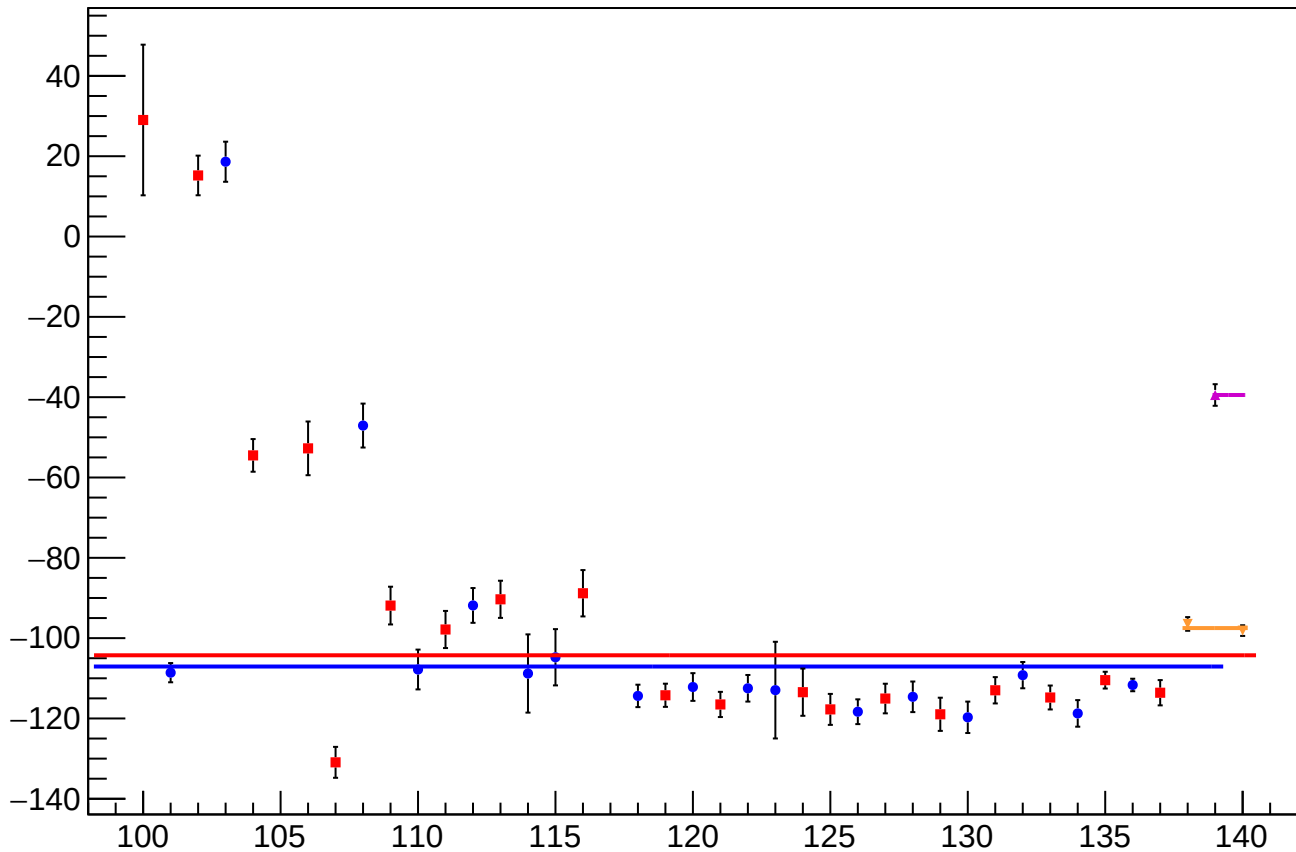
Right: -61.720 ± 0.950 χ^2/NDF : 233.3/35

In: -79.432 ± 1.030 χ^2/NDF : 518.4/17

Out: -79.513 ± 0.846 χ^2/NDF : 450.7/20

All: -79.480 ± 0.654 χ^2/NDF : 969.1/38

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: -97.494+/-1.047 χ^2/NDF : 0.6/1

Right Out: -104.269+/-0.861 χ^2/NDF : 1018.6/18

Left In: -39.455+/-2.689 χ^2/NDF : 0.0/0

Left: -89.854+/-0.976 χ^2/NDF : 405.1/2

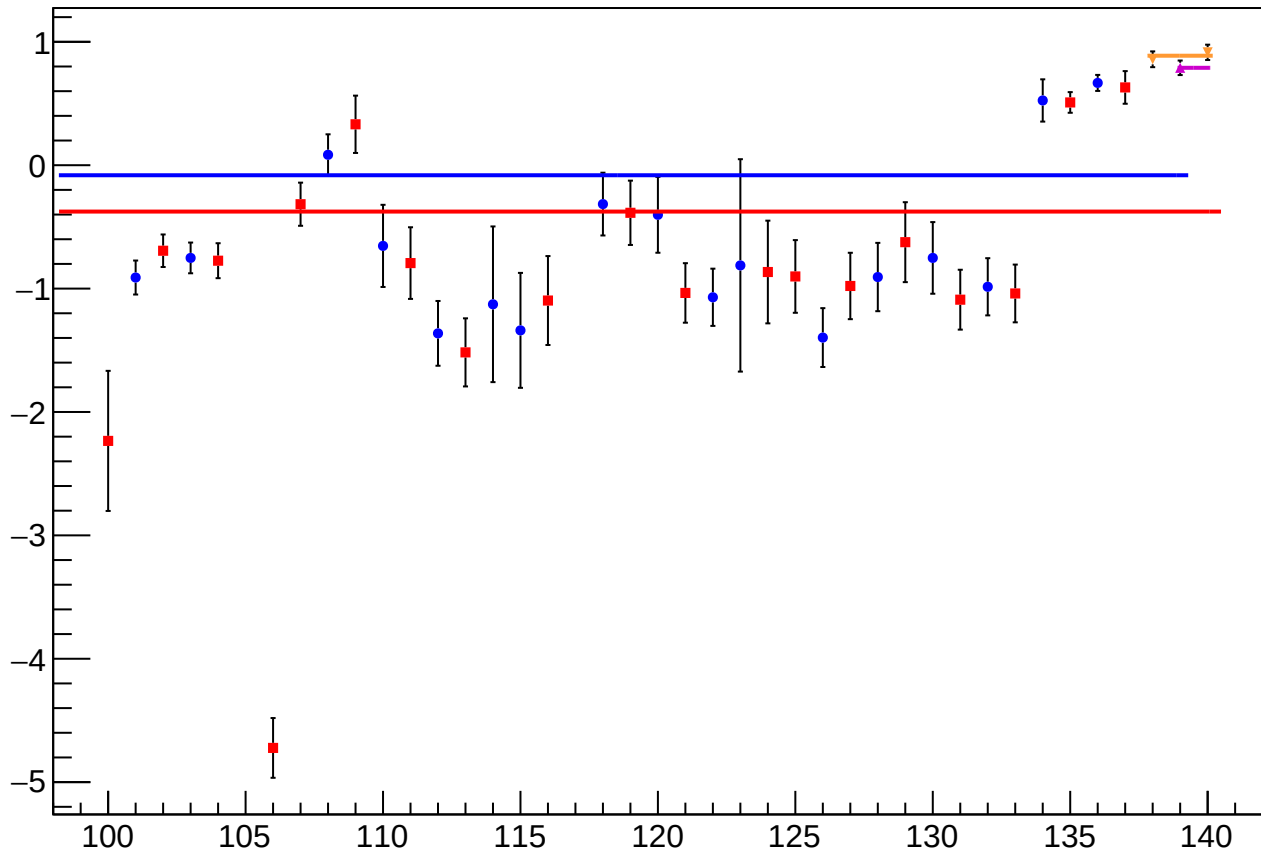
Right: -105.751+/-0.590 χ^2/NDF : 1852.6/35

In: -101.426+/-0.777 χ^2/NDF : 1407.8/17

Out: -101.536+/-0.665 χ^2/NDF : 1044.2/20

All: -101.489+/-0.505 χ^2/NDF : 2452.0/38

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: 0.887 ± 0.045 χ^2/NDF : 0.4/1

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

Left In: 0.789 ± 0.059 χ^2/NDF : 0.0/0

Left: 0.852 ± 0.036 χ^2/NDF : 2.2/2

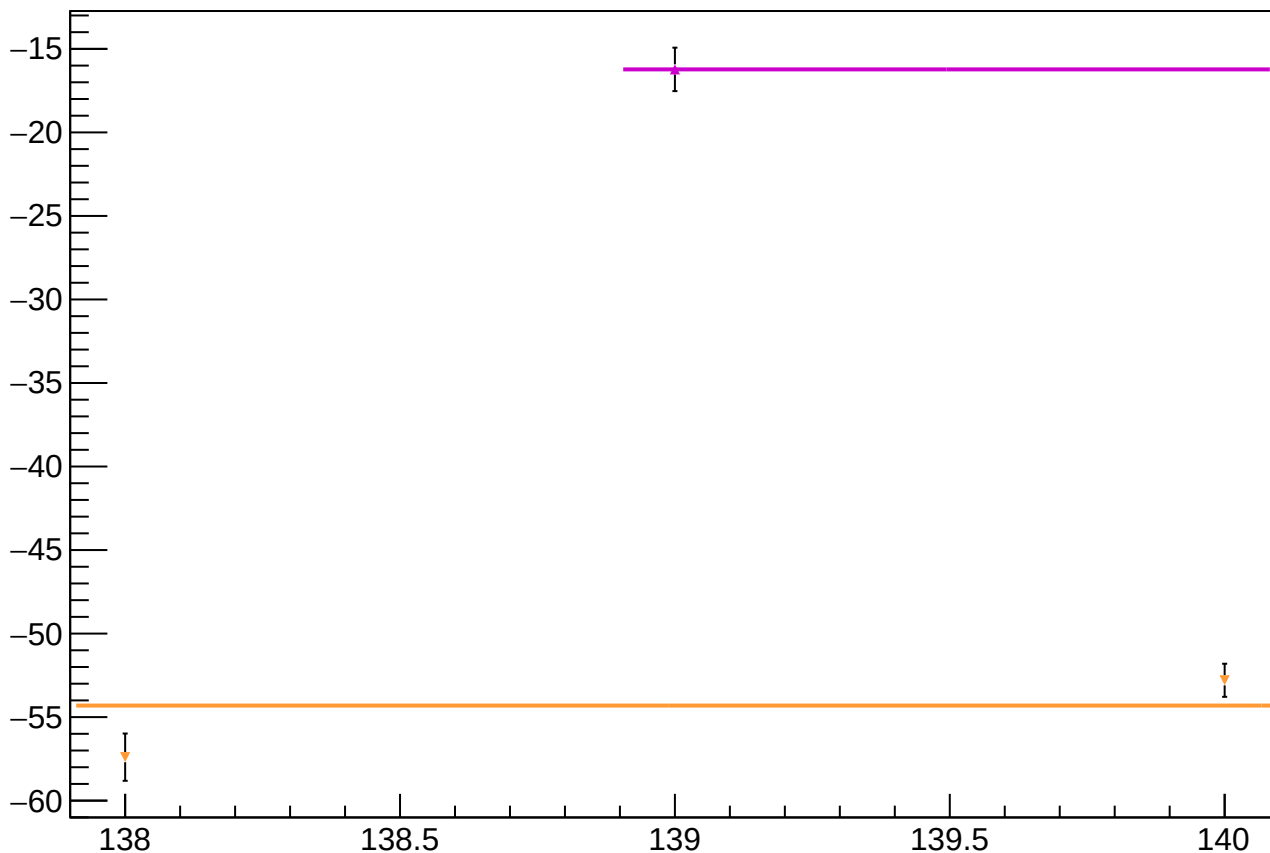
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: 0.214 ± 0.034 χ^2/NDF : 473.5/17

Out: 0.246 ± 0.031 χ^2/NDF : 991.1/20

All: 0.231 ± 0.023 χ^2/NDF : 1465.0/38

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: -54.309+/-0.811 χ^2/NDF : 7.1/1

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

Left In: -16.228+/-1.300 χ^2/NDF : 0.0/0

Left: -43.638+/-0.688 χ^2/NDF : 624.6/2

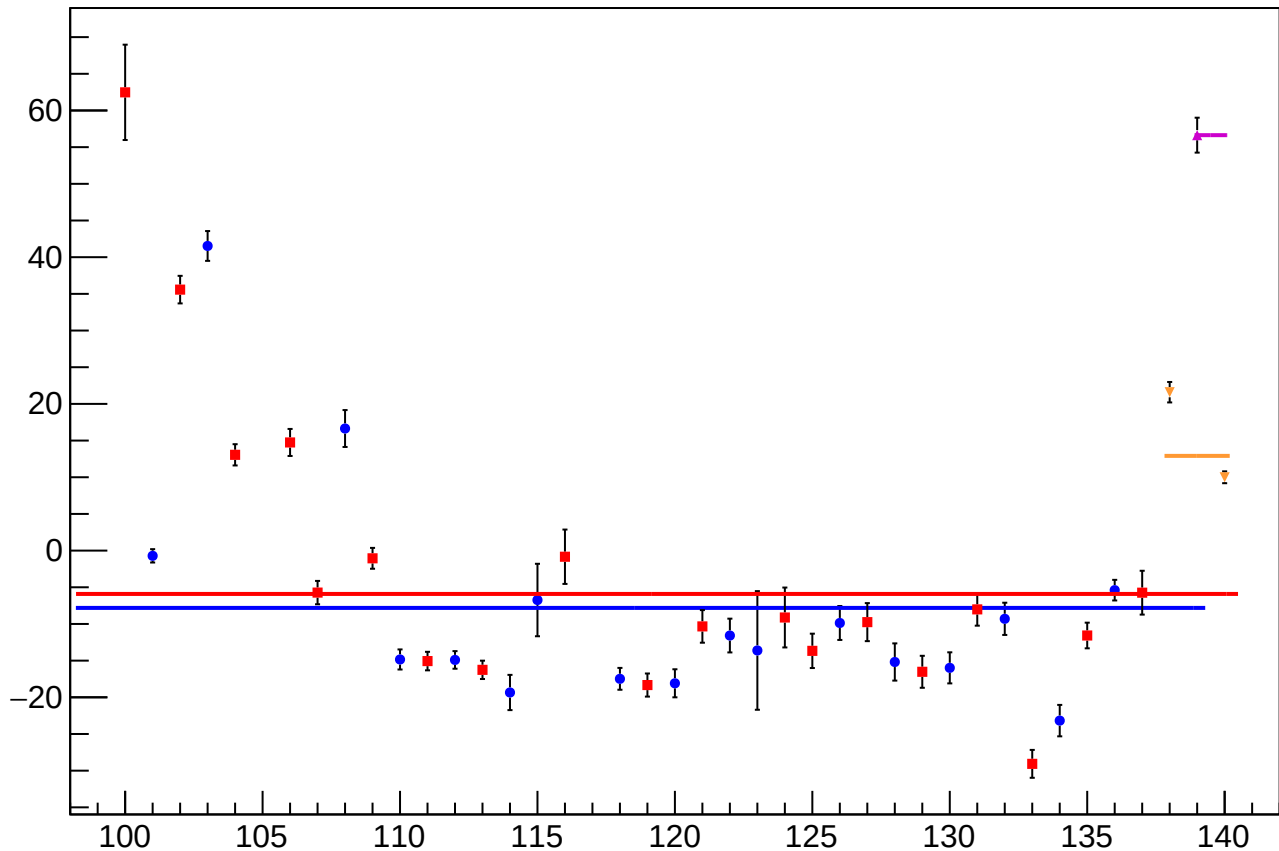
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.228+/-1.300 χ^2/NDF : 0.0/0

Out: -54.309+/-0.811 χ^2/NDF : 7.1/1

All: -43.638+/-0.688 χ^2/NDF : 624.6/2

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: 12.913 ± 0.699 χ^2/NDF : 51.8/1

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

Left In: 56.635 ± 2.381 χ^2/NDF : 0.0/0

Left: 16.385 ± 0.671 χ^2/NDF : 362.3/2

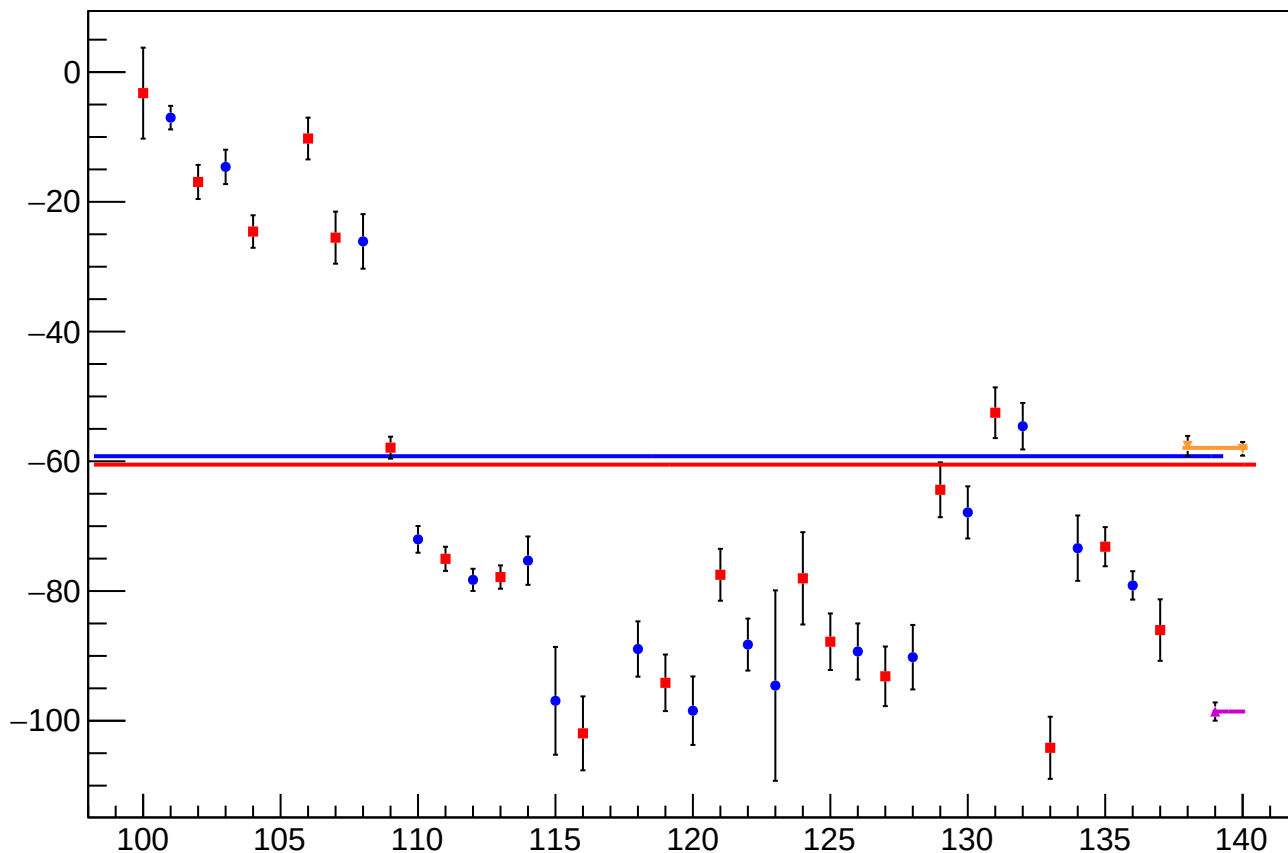
Right: -6.864 ± 0.303 χ^2/NDF : 2285.7/35

In: -5.801 ± 0.421 χ^2/NDF : 1692.8/17

Out: -0.758 ± 0.366 χ^2/NDF : 1871.3/20

All: -2.930 ± 0.276 χ^2/NDF : 3645.9/38

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: -57.929 ± 0.869 χ^2/NDF : 0.1/1

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

Left In: -98.575 ± 1.404 χ^2/NDF : 0.0/0

Left: -69.183 ± 0.739 χ^2/NDF : 605.9/2

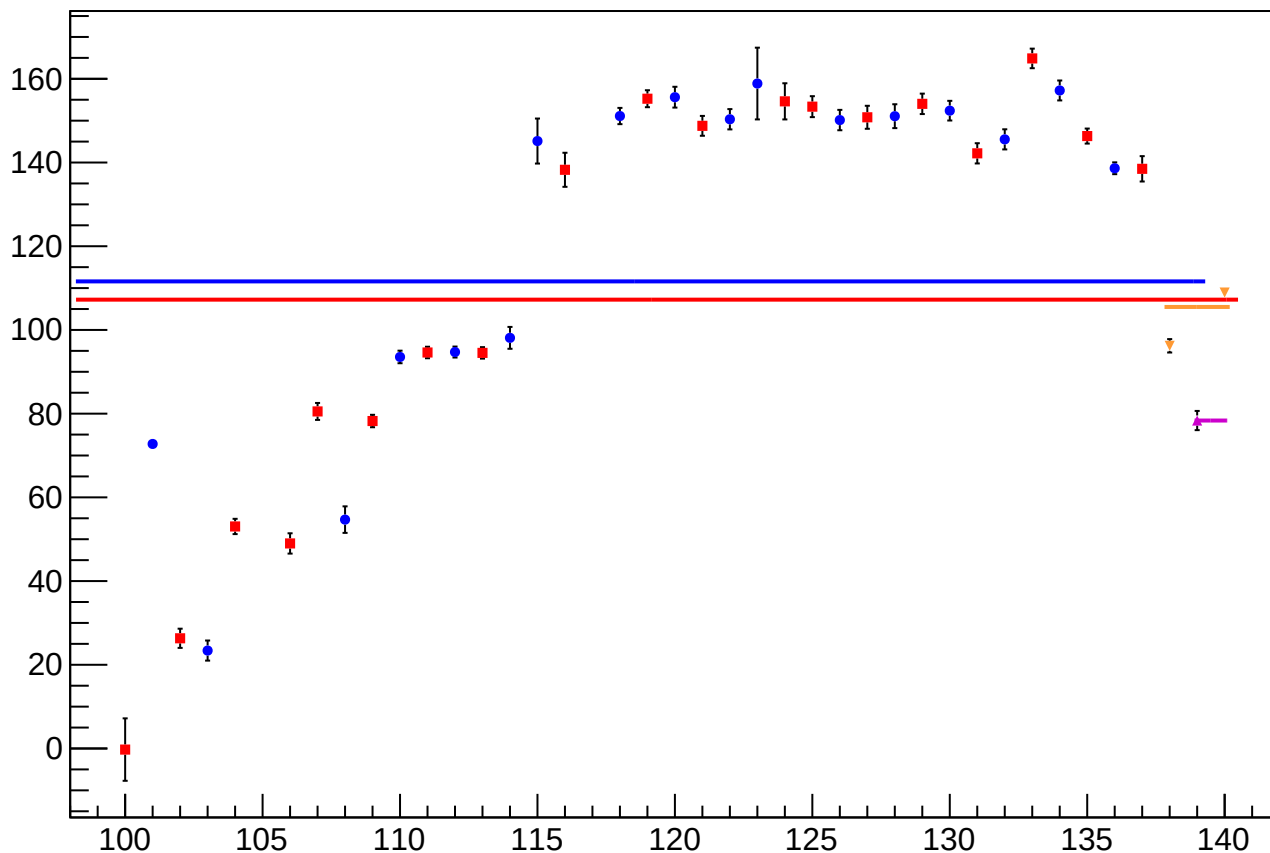
Right: -59.899 ± 0.511 χ^2/NDF : 3105.9/35

In: -67.837 ± 0.657 χ^2/NDF : 2334.0/17

Out: -59.488 ± 0.547 χ^2/NDF : 1389.3/20

All: -62.905 ± 0.420 χ^2/NDF : 3818.6/38

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: 105.491 $\pm$ 0.834 χ^2/NDF : 46.0/1

Right Out: 107.238 $\pm$ 0.488 χ^2/NDF : 7037.4/18

Left In: 78.355 $\pm$ 2.295 χ^2/NDF : 0.0/0

Left: 102.328 $\pm$ 0.784 χ^2/NDF : 169.5/2

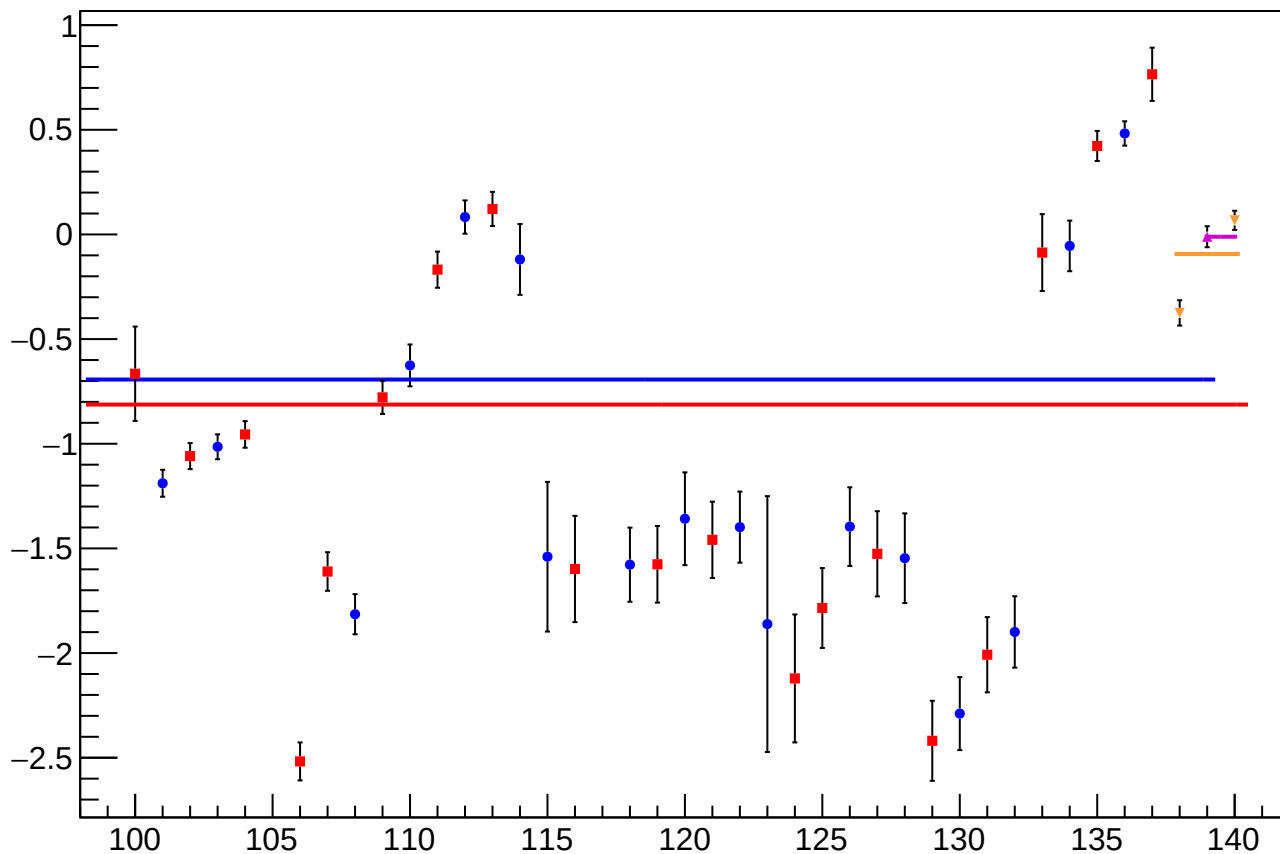
Right: 109.423 $\pm$ 0.344 χ^2/NDF : 13037.0/35

In: 110.169 $\pm$ 0.476 χ^2/NDF : 6160.3/17

Out: 106.792 $\pm$ 0.421 χ^2/NDF : 7086.7/20

All: 108.274 $\pm$ 0.315 χ^2/NDF : 13275.2/38

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: -0.094 ± 0.037 χ^2/NDF : 33.9/1

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

Left In: -0.011 ± 0.050 χ^2/NDF : 0.0/0

Left: -0.065 ± 0.030 χ^2/NDF : 35.7/2

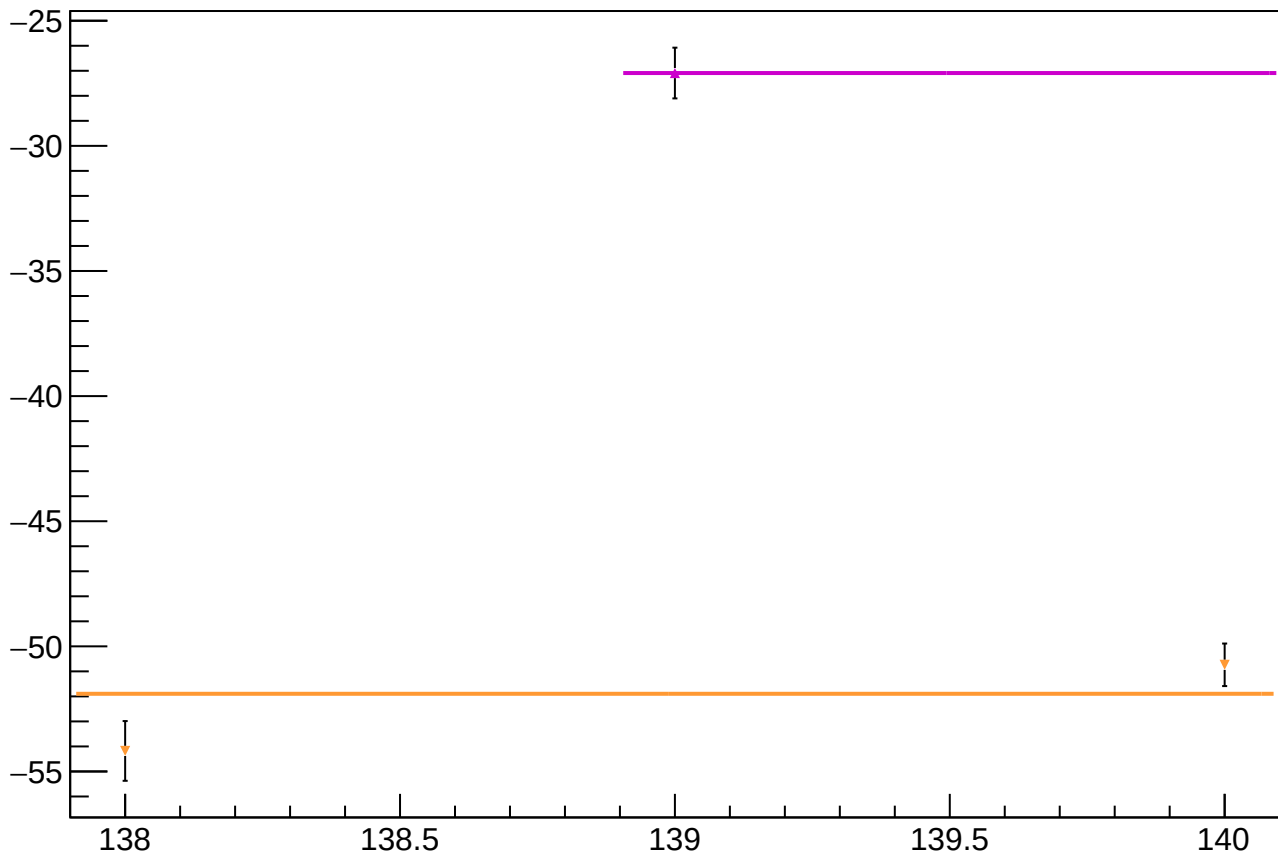
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.551 ± 0.023 χ^2/NDF : 1139.2/17

Out: -0.592 ± 0.020 χ^2/NDF : 1613.2/20

All: -0.574 ± 0.015 χ^2/NDF : 2754.2/38

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: -51.896+/-0.692 χ^2 /NDF: 5.5/1

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

Left In: -27.090+/-1.014 χ^2 /NDF: 0.0/0

Left: -44.005+/-0.572 χ^2 /NDF: 413.9/2

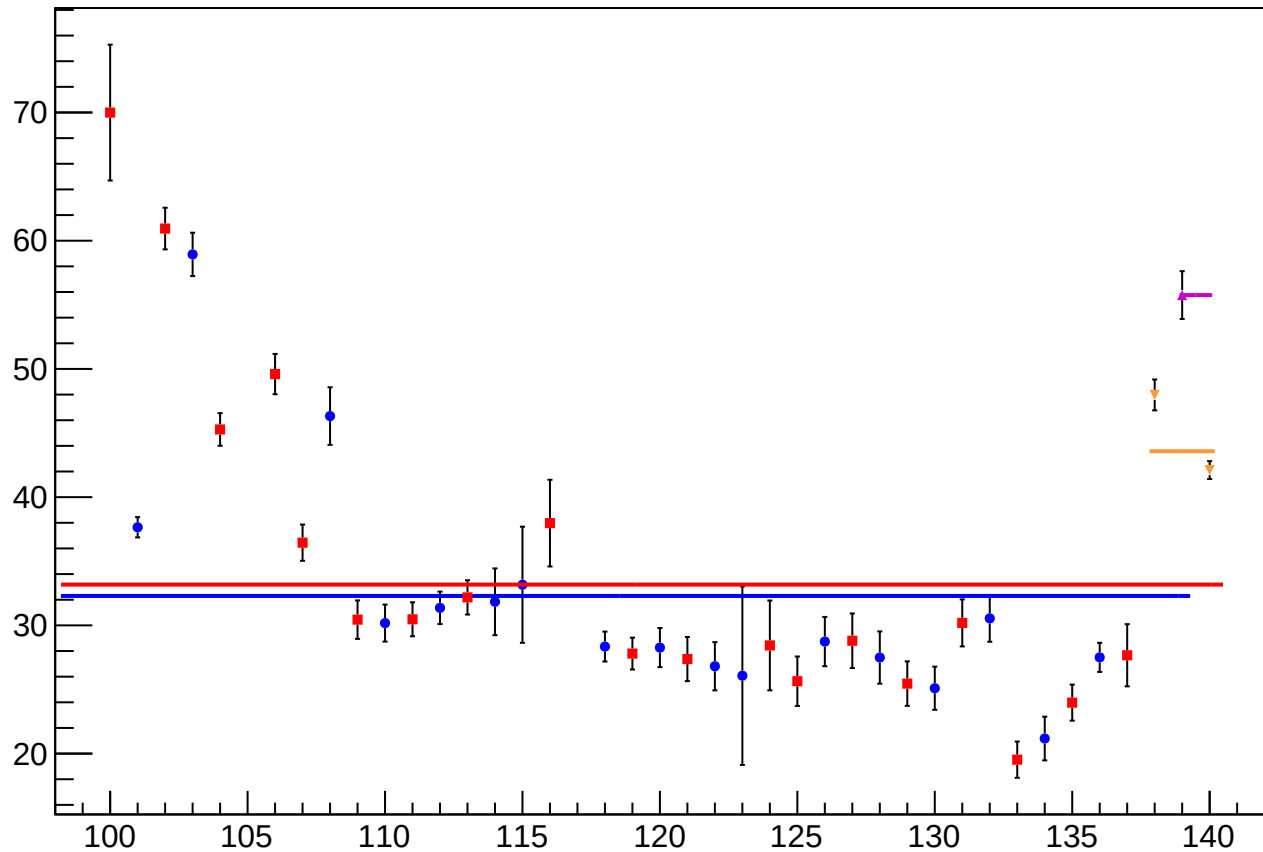
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -27.090+/-1.014 χ^2 /NDF: 0.0/0

Out: -51.896+/-0.692 χ^2 /NDF: 5.5/1

All: -44.005+/-0.572 χ^2 /NDF: 413.9/2

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: 43.583 $\pm$ 0.604 χ^2 /NDF:17.7/1

Right Out: 33.180 $\pm$ 0.379 χ^2 /NDF: 770.3/18

Left In: 55.759 $\pm$ 1.865 χ^2 /NDF:0.0/0

Left: 44.738 $\pm$ 0.574 χ^2 /NDF: 56.3/2

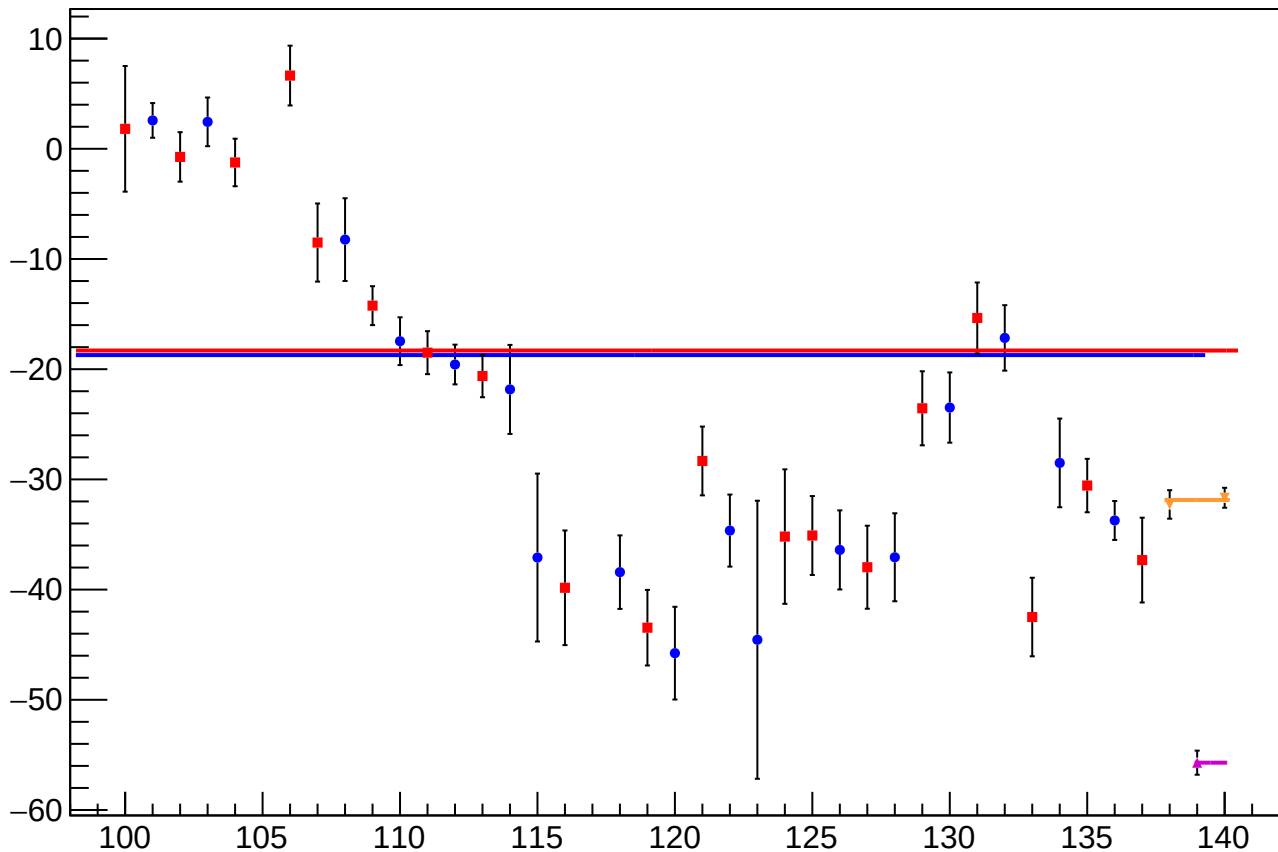
Right: 32.730 $\pm$ 0.266 χ^2 /NDF: 1225.3/35

In: 33.196 $\pm$ 0.365 χ^2 /NDF:604.4/17

Out: 36.123 $\pm$ 0.321 χ^2 /NDF:1001.1/20

All: 34.848 $\pm$ 0.241 χ^2 /NDF: 1641.7/38

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: -31.867 ± 0.742 χ^2/NDF : 0.1/1

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

Left In: -55.707 ± 1.094 χ^2/NDF : 0.0/0

Left: -39.376 ± 0.614 χ^2/NDF : 325.4/2

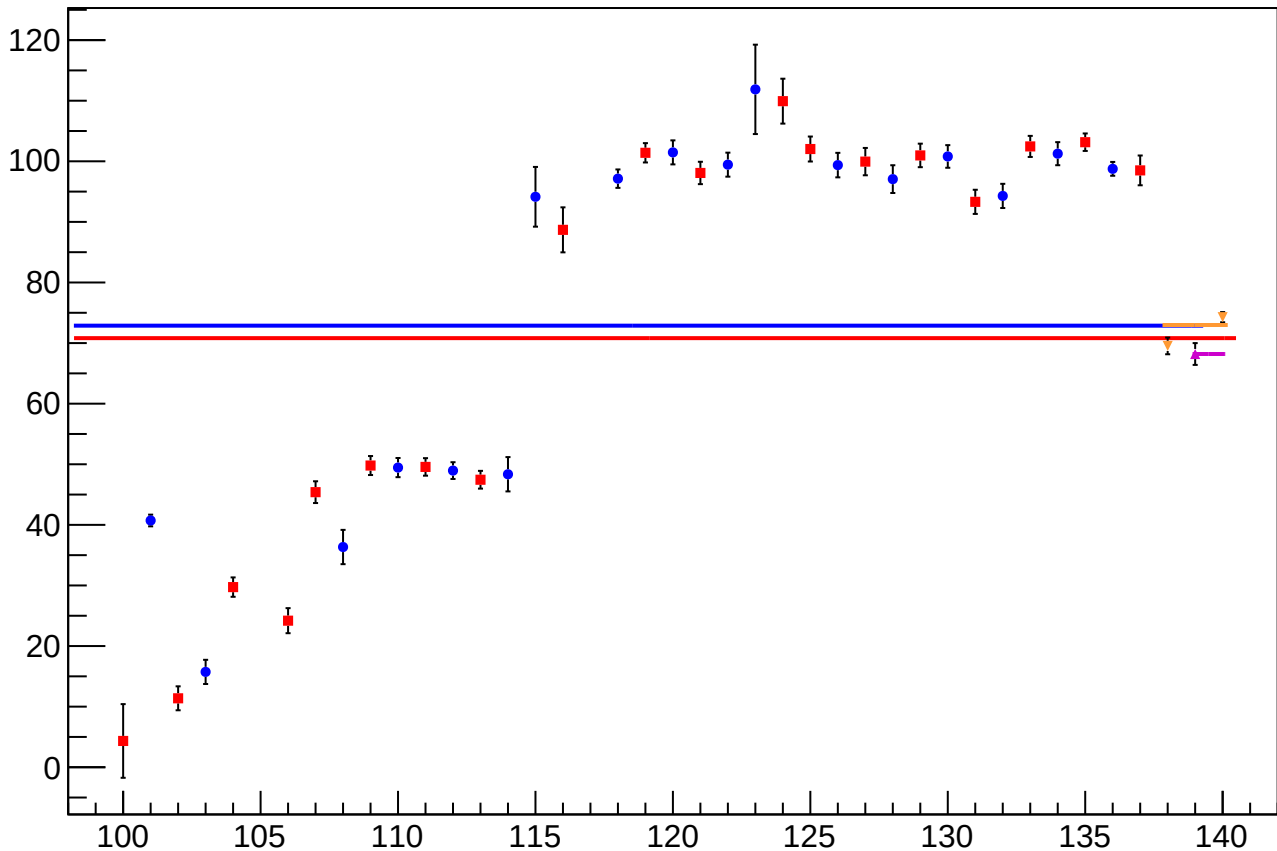
Right: -18.506 ± 0.463 χ^2/NDF : 992.4/35

In: -28.708 ± 0.568 χ^2/NDF : 1354.0/17

Out: -24.128 ± 0.486 χ^2/NDF : 663.4/20

All: -26.063 ± 0.369 χ^2/NDF : 2054.8/38

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875+/-0.426 χ^2/NDF : 4737.9/16

Left Out: 72.984+/-0.718 χ^2/NDF : 8.7/1

Right Out: 70.815+/-0.433 χ^2/NDF : 5489.3/18

Left In: 68.198+/-1.799 χ^2/NDF : 0.0/0

Left: 72.327+/-0.667 χ^2/NDF : 14.8/2

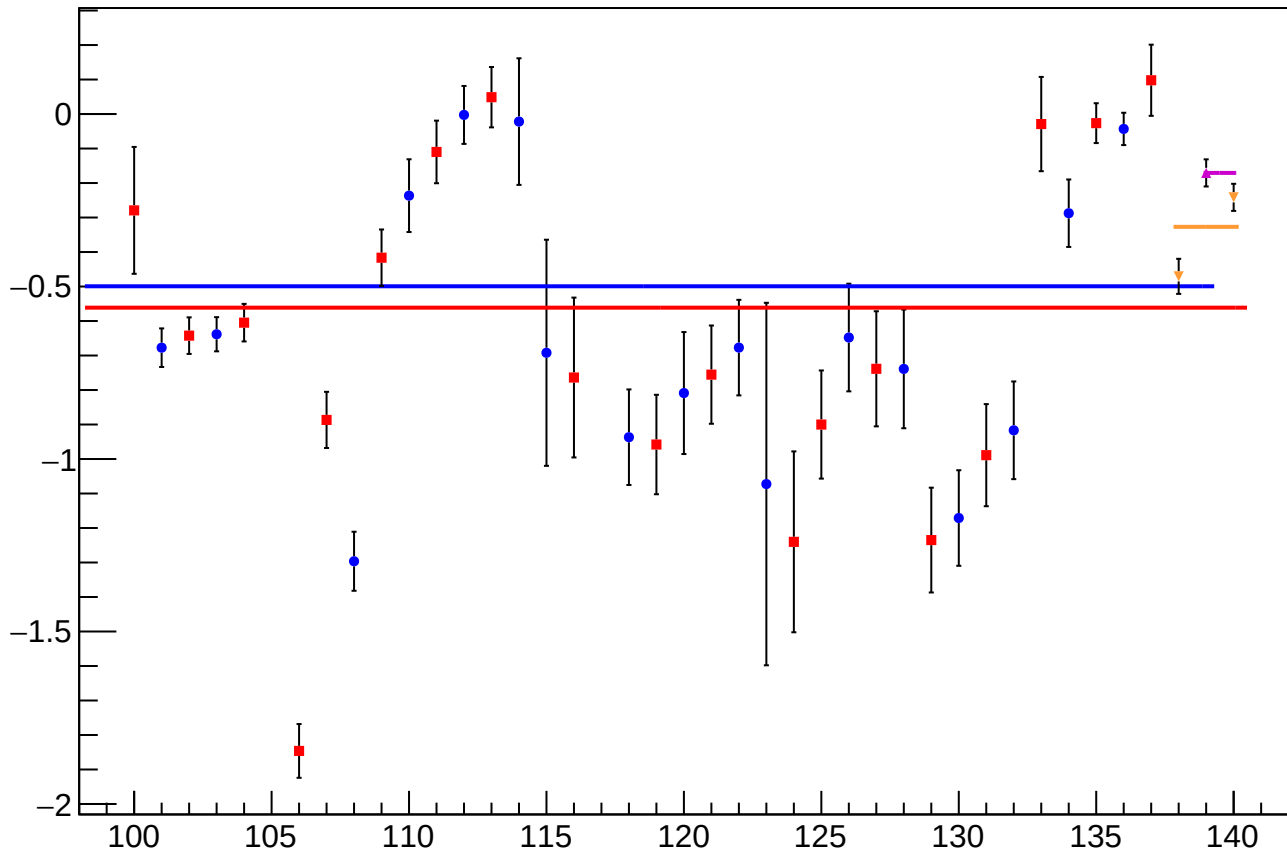
Right: 71.863+/-0.304 χ^2/NDF : 10238.7/35

In: 72.627+/-0.414 χ^2/NDF : 4744.3/17

Out: 71.395+/-0.371 χ^2/NDF : 5504.6/20

All: 71.943+/-0.276 χ^2/NDF : 10253.9/38

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: -0.327 ± 0.031 χ^2/NDF : 12.7/1

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

Left In: -0.171 ± 0.039 χ^2/NDF : 0.0/0

Left: -0.267 ± 0.024 χ^2/NDF : 22.5/2

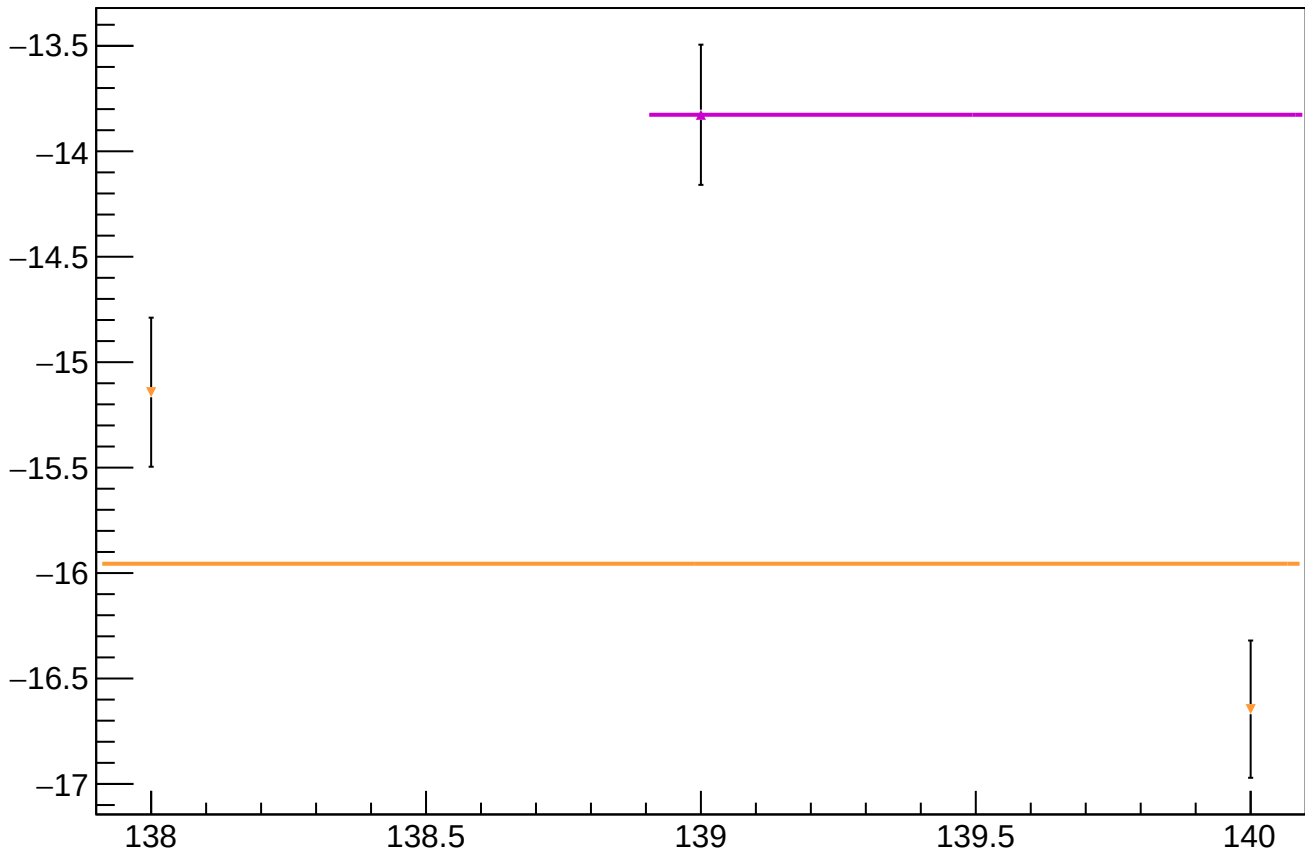
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.419 ± 0.019 χ^2/NDF : 356.3/17

Out: -0.486 ± 0.018 χ^2/NDF : 613.7/20

All: -0.456 ± 0.013 χ^2/NDF : 976.4/38

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -15.956+/-0.239 χ^2/NDF : 9.8/1

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

Left In: -13.827+/-0.332 χ^2/NDF : 0.0/0

Left: -15.229+/-0.194 χ^2/NDF : 36.8/2

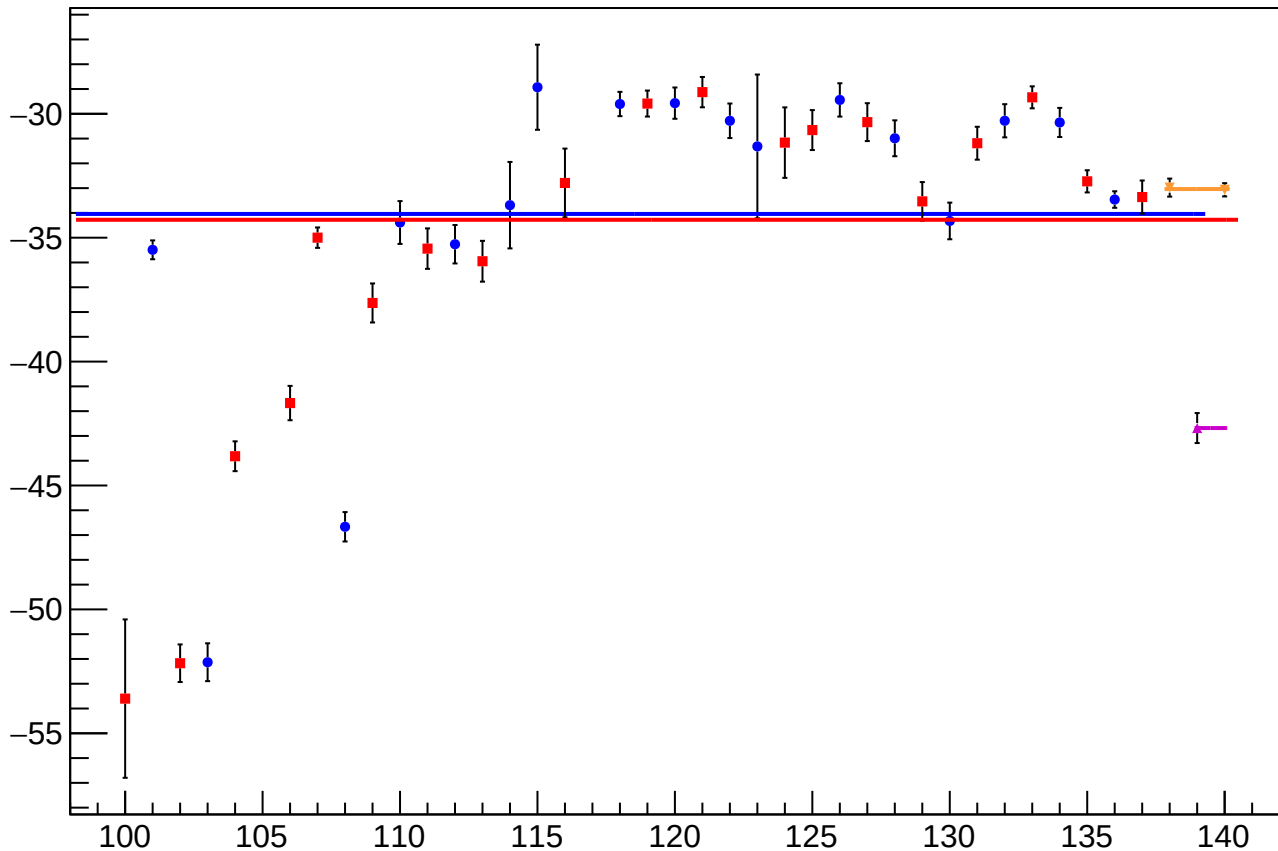
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.827+/-0.332 χ^2/NDF : 0.0/0

Out: -15.956+/-0.239 χ^2/NDF : 9.8/1

All: -15.229+/-0.194 χ^2/NDF : 36.8/2

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: -33.036 ± 0.216 χ^2/NDF : 0.0/1

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

Left In: -42.682 ± 0.605 χ^2/NDF : 0.0/0

Left: -34.122 ± 0.203 χ^2/NDF : 225.3/2

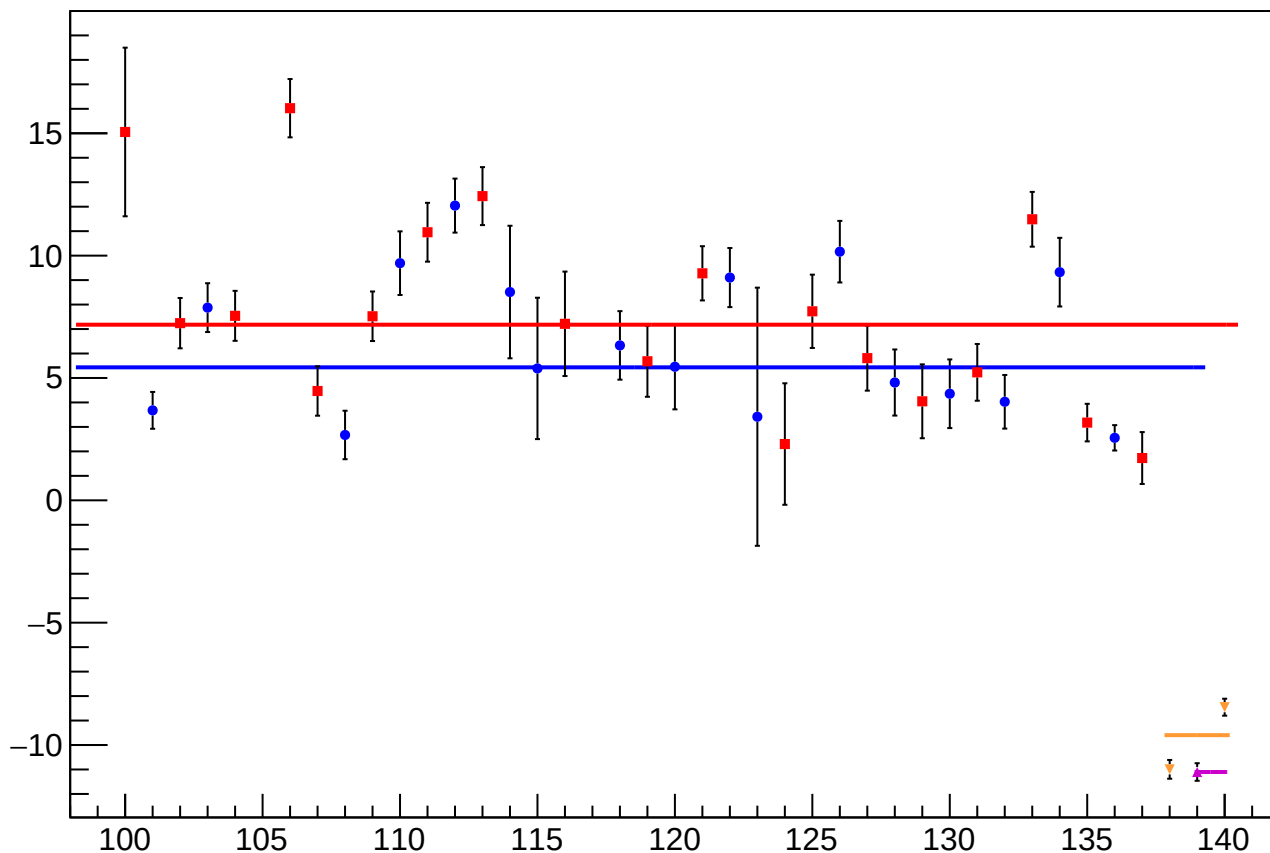
Right: -34.159 ± 0.107 χ^2/NDF : 2691.4/35

In: -34.546 ± 0.146 χ^2/NDF : 1532.5/17

Out: -33.869 ± 0.124 χ^2/NDF : 1371.7/20

All: -34.151 ± 0.094 χ^2/NDF : 2916.7/38

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -9.597 ± 0.257 χ^2/NDF : 24.1/1

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

Left In: -11.103 ± 0.359 χ^2/NDF : 0.0/0

Left: -10.107 ± 0.209 χ^2/NDF : 35.8/2

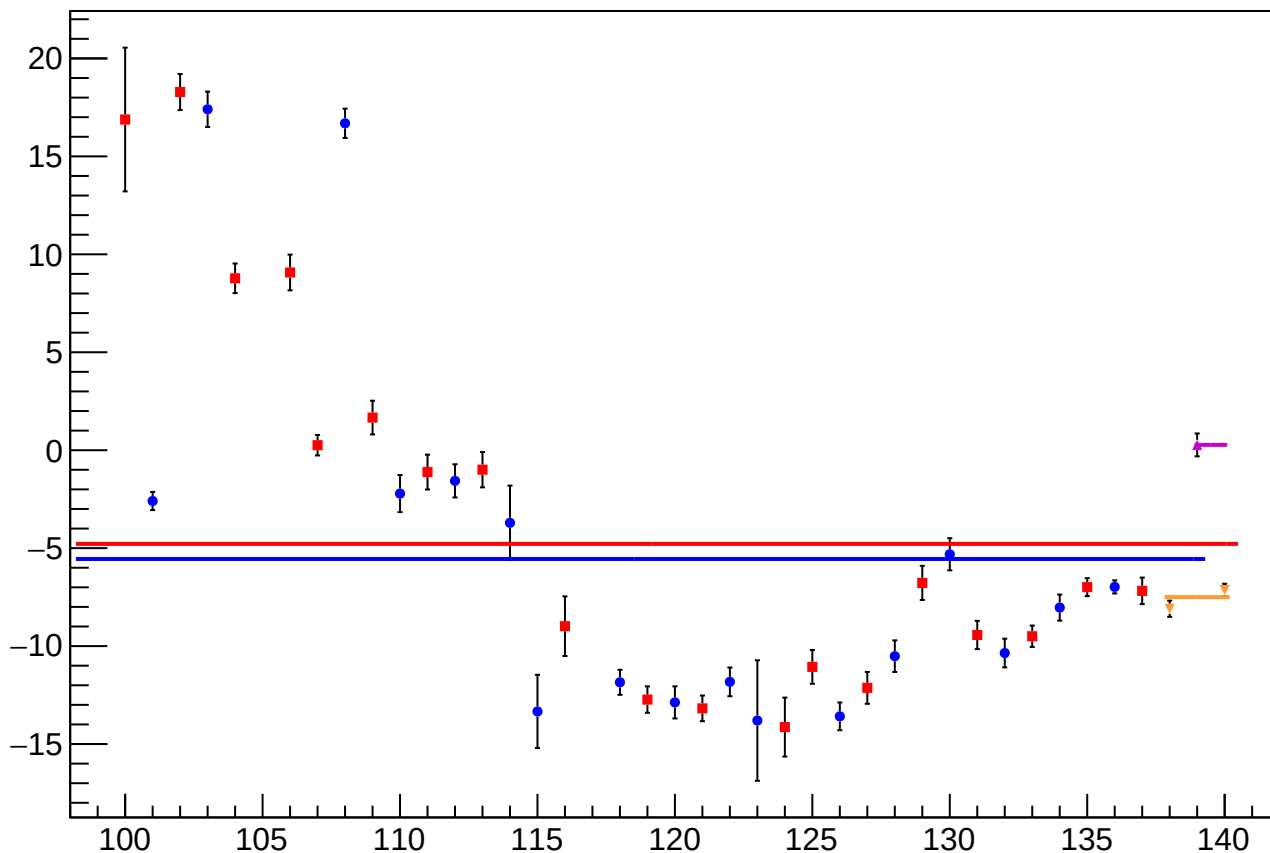
Right: 6.291 ± 0.192 χ^2/NDF : 335.1/35

In: -0.521 ± 0.216 χ^2/NDF : 1487.6/17

Out: -1.748 ± 0.188 χ^2/NDF : 2198.4/20

All: -1.220 ± 0.142 χ^2/NDF : 3704.4/38

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -7.502 ± 0.254 χ^2/NDF : 3.3/1

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

Left In: 0.271 ± 0.583 χ^2/NDF : 0.0/0

Left: -6.260 ± 0.233 χ^2/NDF : 152.5/2

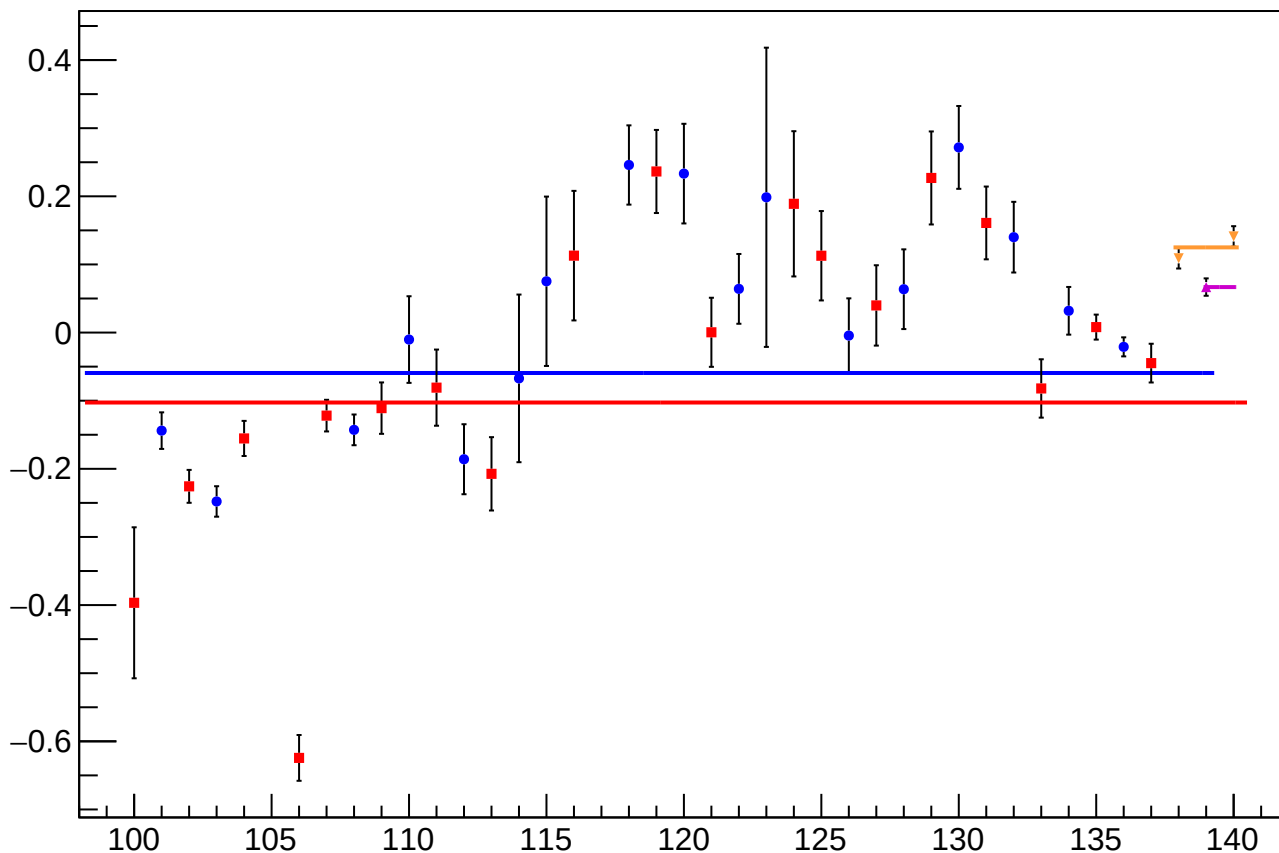
Right: -5.174 ± 0.121 χ^2/NDF : 4175.8/35

In: -5.098 ± 0.163 χ^2/NDF : 2217.2/17

Out: -5.641 ± 0.143 χ^2/NDF : 2121.9/20

All: -5.405 ± 0.107 χ^2/NDF : 4345.4/38

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: 0.125 ± 0.011 χ^2/NDF : 2.3/1

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

Left In: 0.067 ± 0.013 χ^2/NDF : 0.0/0

Left: 0.101 ± 0.008 χ^2/NDF : 14.6/2

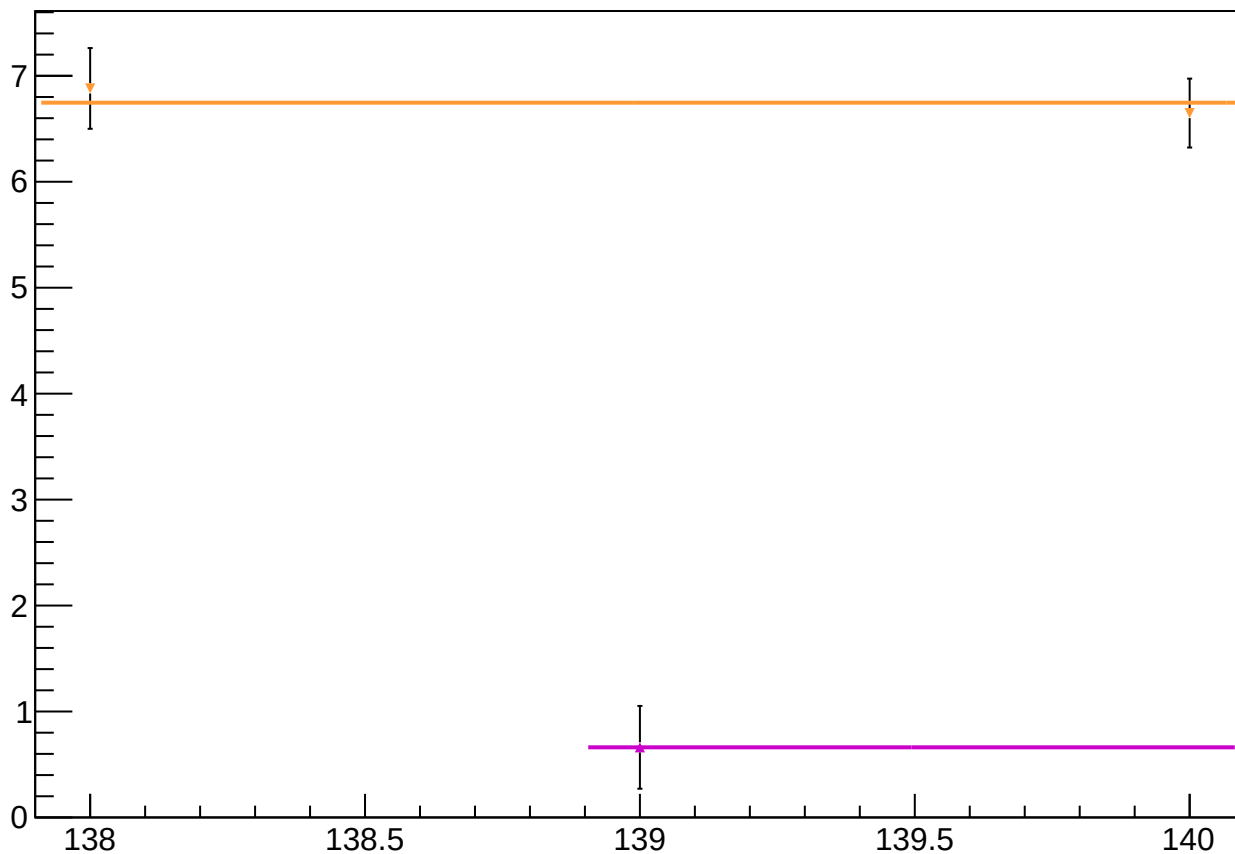
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: -0.021 ± 0.007 χ^2/NDF : 285.8/17

Out: -0.015 ± 0.007 χ^2/NDF : 720.2/20

All: -0.018 ± 0.005 χ^2/NDF : 1006.4/38

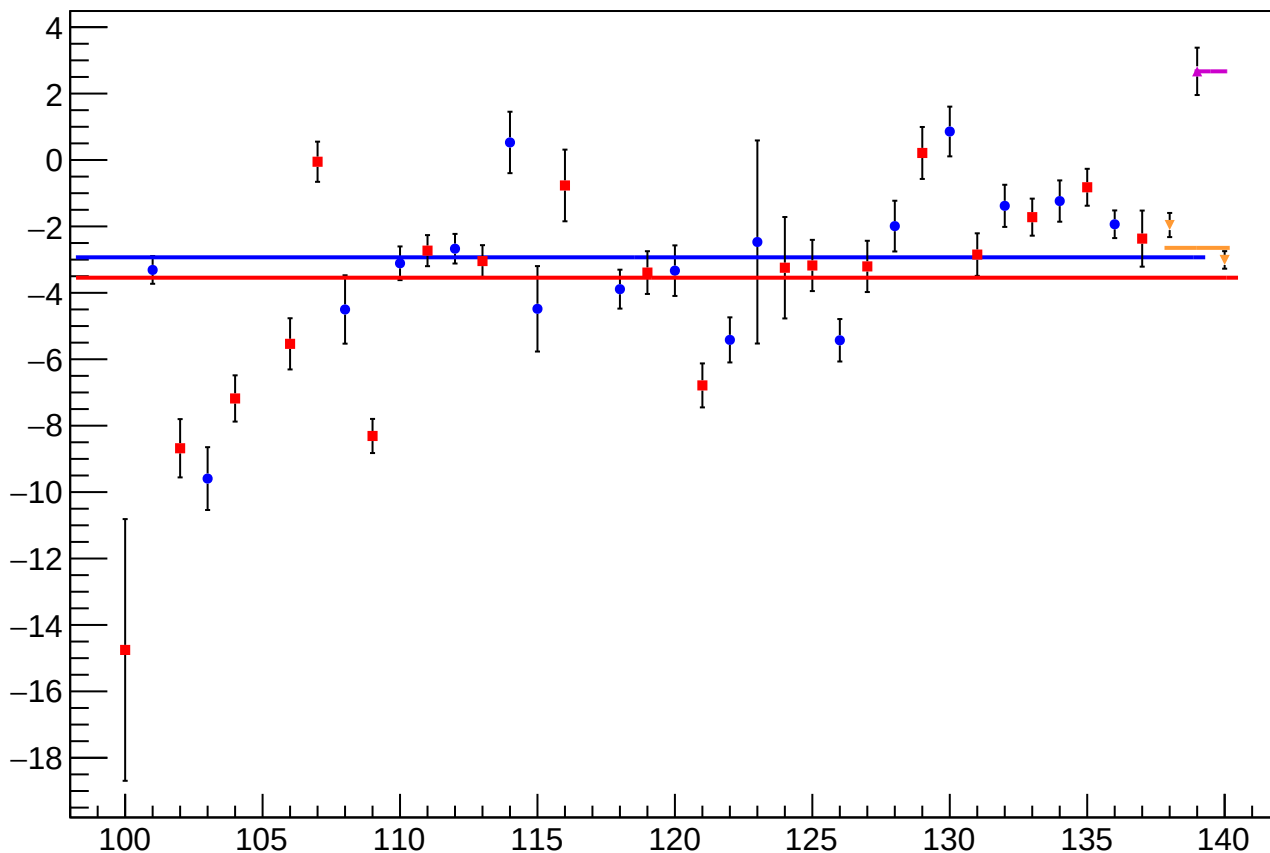
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.746 $\pm$ 0.247 χ^2/NDF : 0.2/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.662 $\pm$ 0.391 χ^2/NDF : 0.0/0

Left: 5.005 $\pm$ 0.209 χ^2/NDF : 173.4/2
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 0.662 $\pm$ 0.391 χ^2/NDF : 0.0/0
 Out: 6.746 $\pm$ 0.247 χ^2/NDF : 0.2/1
 All: 5.005 $\pm$ 0.209 χ^2/NDF : 173.4/2

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -2.646 ± 0.214 χ^2/NDF : 5.5/1

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

Left In: 2.669 ± 0.713 χ^2/NDF : 0.0/0

Left: -2.208 ± 0.205 χ^2/NDF : 56.5/2

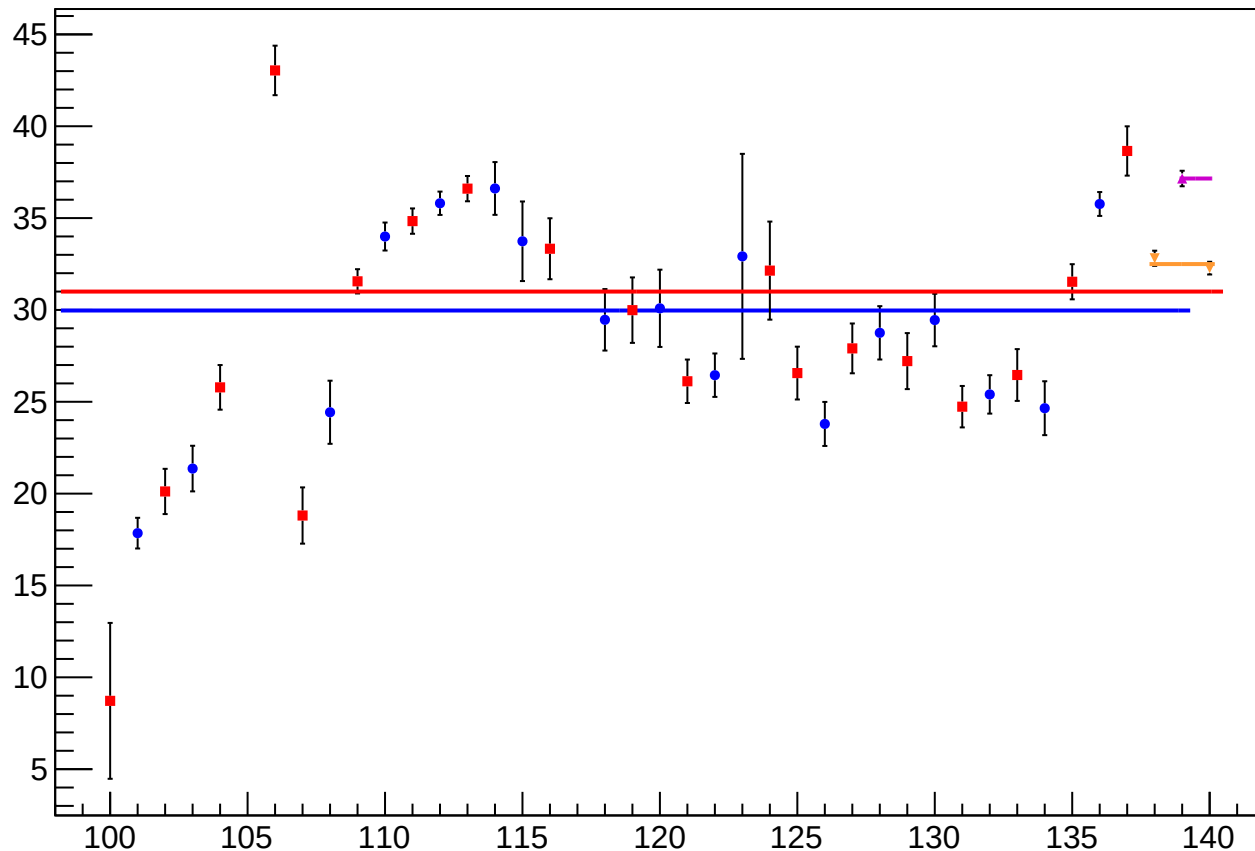
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -2.681 ± 0.150 χ^2/NDF : 205.5/17

Out: -3.235 ± 0.125 χ^2/NDF : 308.7/20

All: -3.008 ± 0.096 χ^2/NDF : 522.3/38

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: 32.497 $\pm$ 0.265 χ^2 /NDF:1.0/1

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

Left In: 37.154 $\pm$ 0.422 χ^2 /NDF:0.0/0

Left: 33.816 $\pm$ 0.225 χ^2 /NDF: 88.2/2

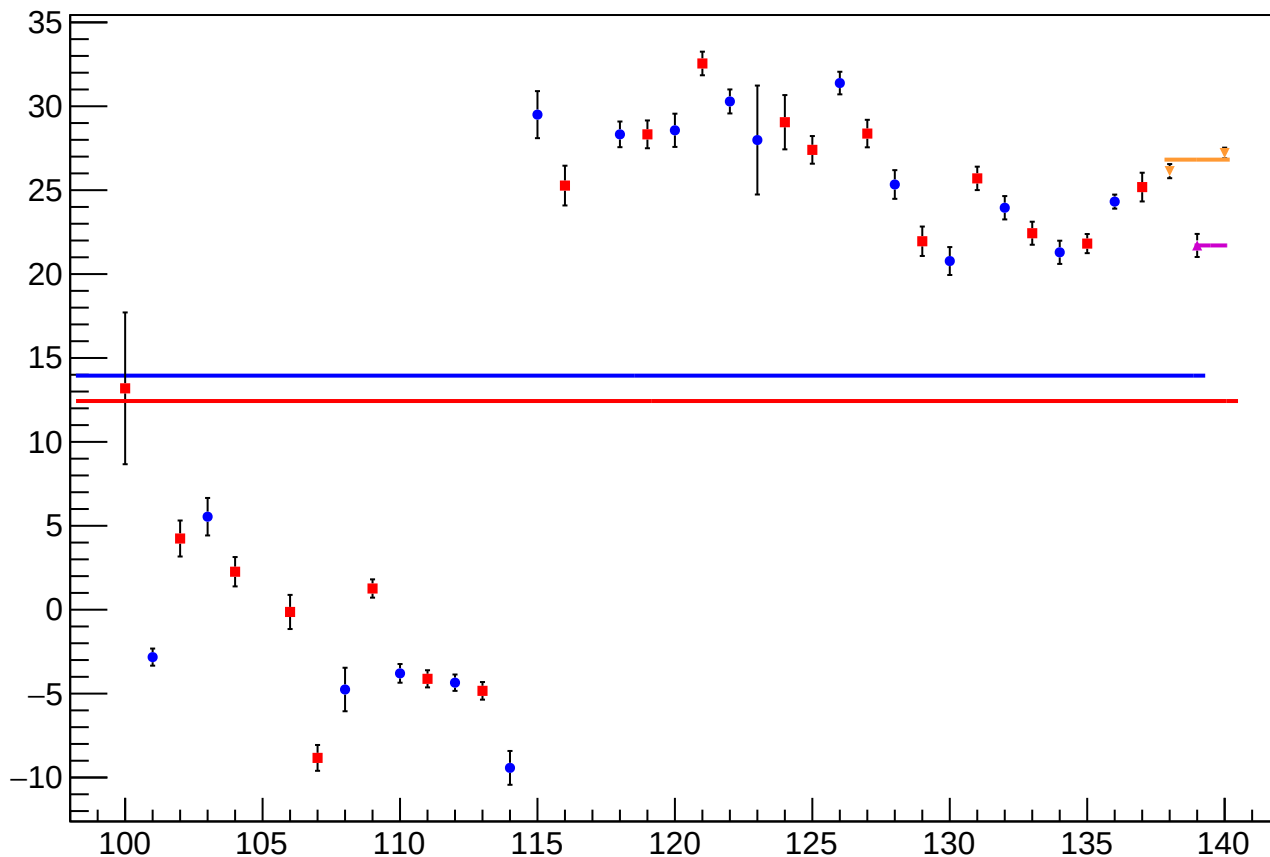
Right: 30.497 $\pm$ 0.186 χ^2 /NDF: 1041.5/35

In: 32.018 $\pm$ 0.225 χ^2 /NDF:761.4/17

Out: 31.733 $\pm$ 0.186 χ^2 /NDF:496.7/20

All: 31.848 $\pm$ 0.143 χ^2 /NDF: 1259.1/38

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: 26.820 $\pm$ 0.255 χ^2 /NDF:4.2/1

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

Left In: 21.706 $\pm$ 0.687 χ^2 /NDF:0.0/0

Left: 26.202 $\pm$ 0.239 χ^2 /NDF: 52.9/2

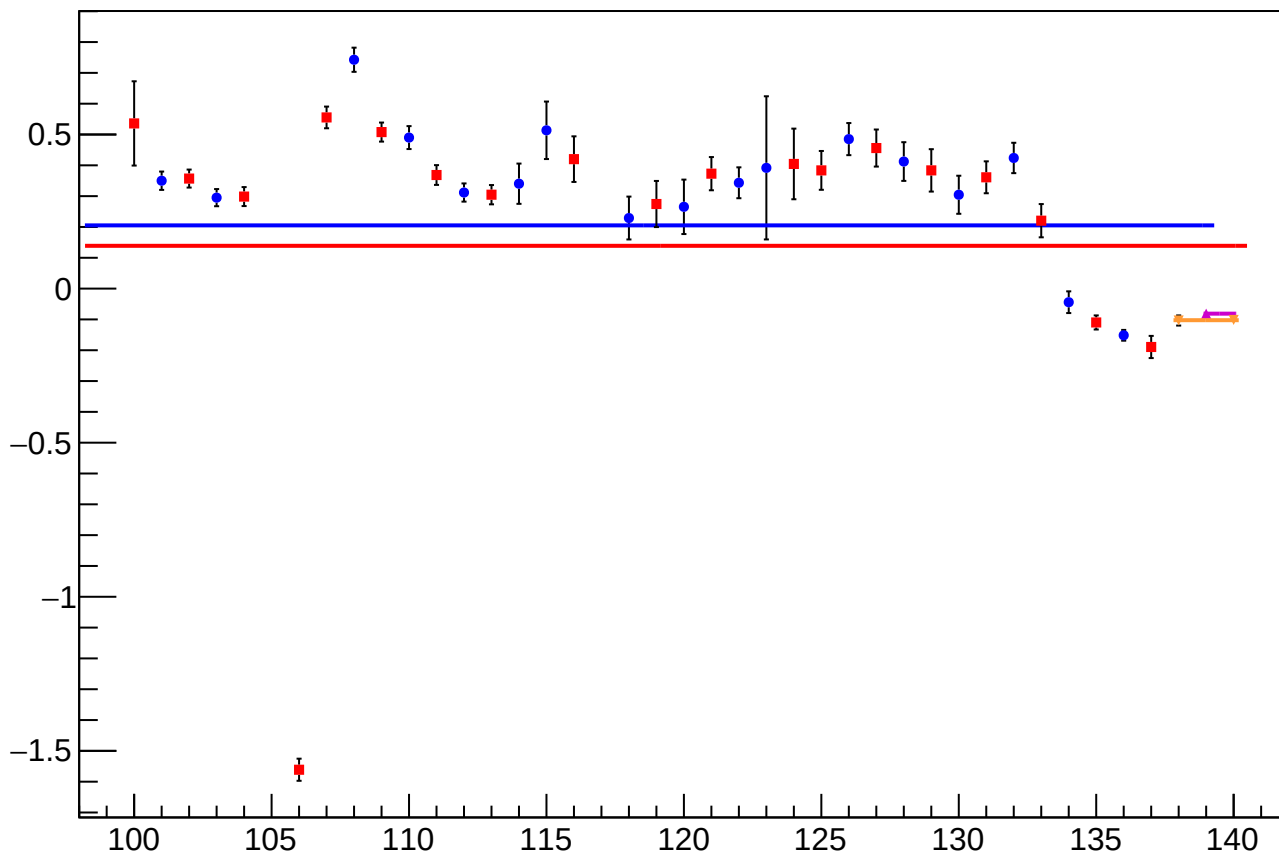
Right: 13.199 $\pm$ 0.122 χ^2 /NDF: 14393.1/35

In: 14.405 $\pm$ 0.167 χ^2 /NDF:7511.9/17

Out: 17.003 $\pm$ 0.143 χ^2 /NDF:9145.5/20

All: 15.898 $\pm$ 0.109 χ^2 /NDF: 16796.7/38

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: -0.103 $\pm$ 0.011 χ^2 /NDF: 0.0/1

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

Left In: -0.081 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left: -0.095 $\pm$ 0.009 χ^2 /NDF: 1.3/2

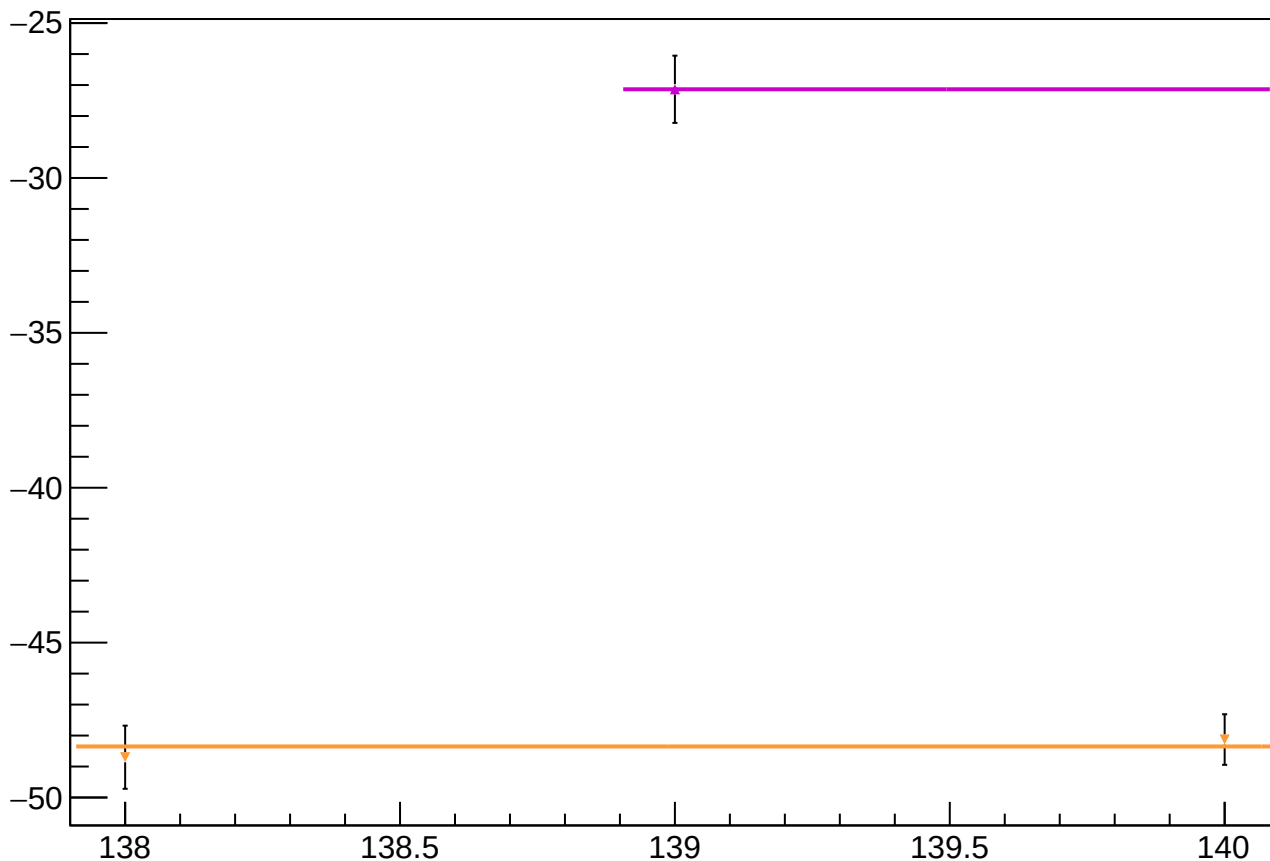
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.125 $\pm$ 0.008 χ^2 /NDF: 1108.2/17

Out: 0.041 $\pm$ 0.007 χ^2 /NDF: 3296.9/20

All: 0.078 $\pm$ 0.005 χ^2 /NDF: 4467.8/38

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: -48.352+/-0.637 χ^2/NDF : 0.2/1

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

Left In: -27.137+/-1.085 χ^2/NDF : 0.0/0

Left: -42.911+/-0.549 χ^2/NDF : 284.4/2

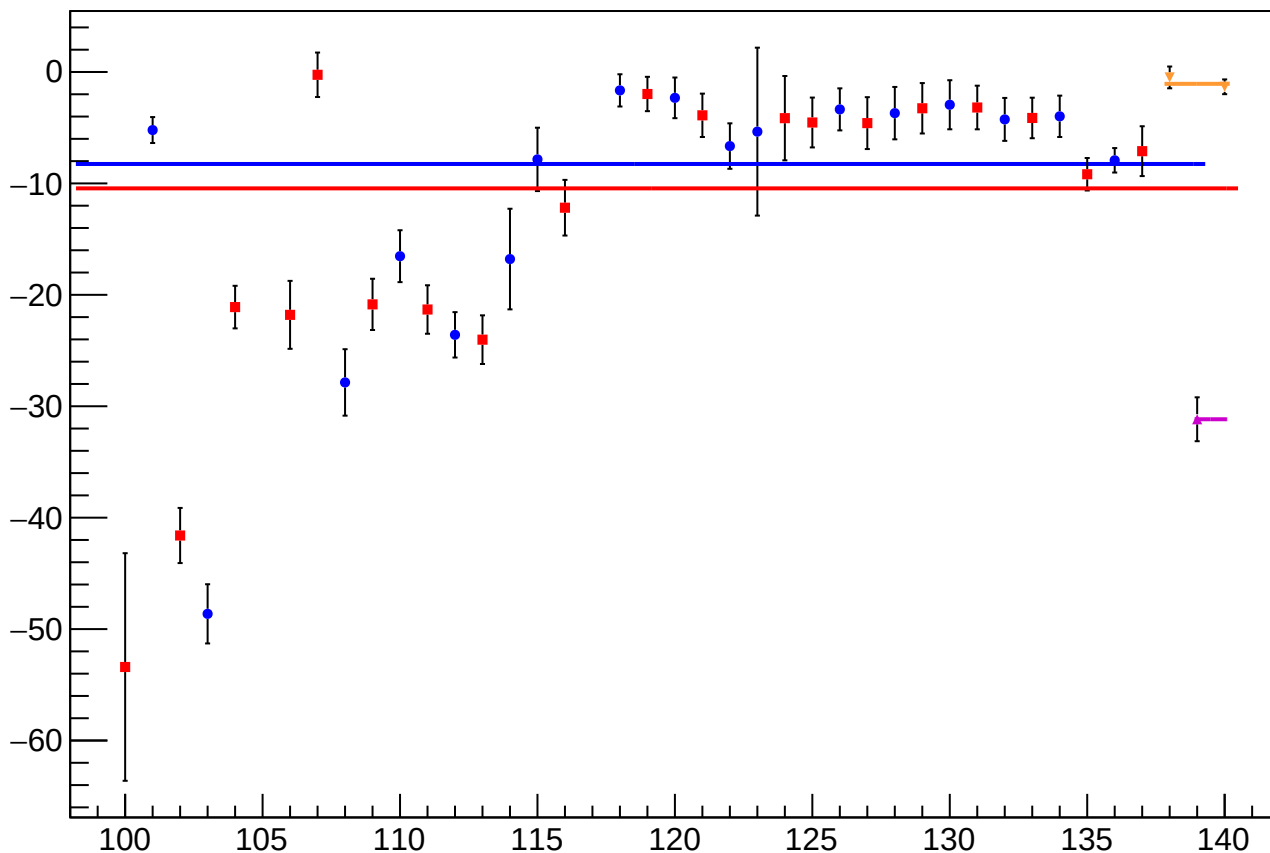
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.137+/-1.085 χ^2/NDF : 0.0/0

Out: -48.352+/-0.637 χ^2/NDF : 0.2/1

All: -42.911+/-0.549 χ^2/NDF : 284.4/2

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: -1.064 ± 0.548 χ^2/NDF : 0.5/1

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

Left In: -31.167 ± 1.970 χ^2/NDF : 0.0/0

Left: -3.225 ± 0.528 χ^2/NDF : 217.2/2

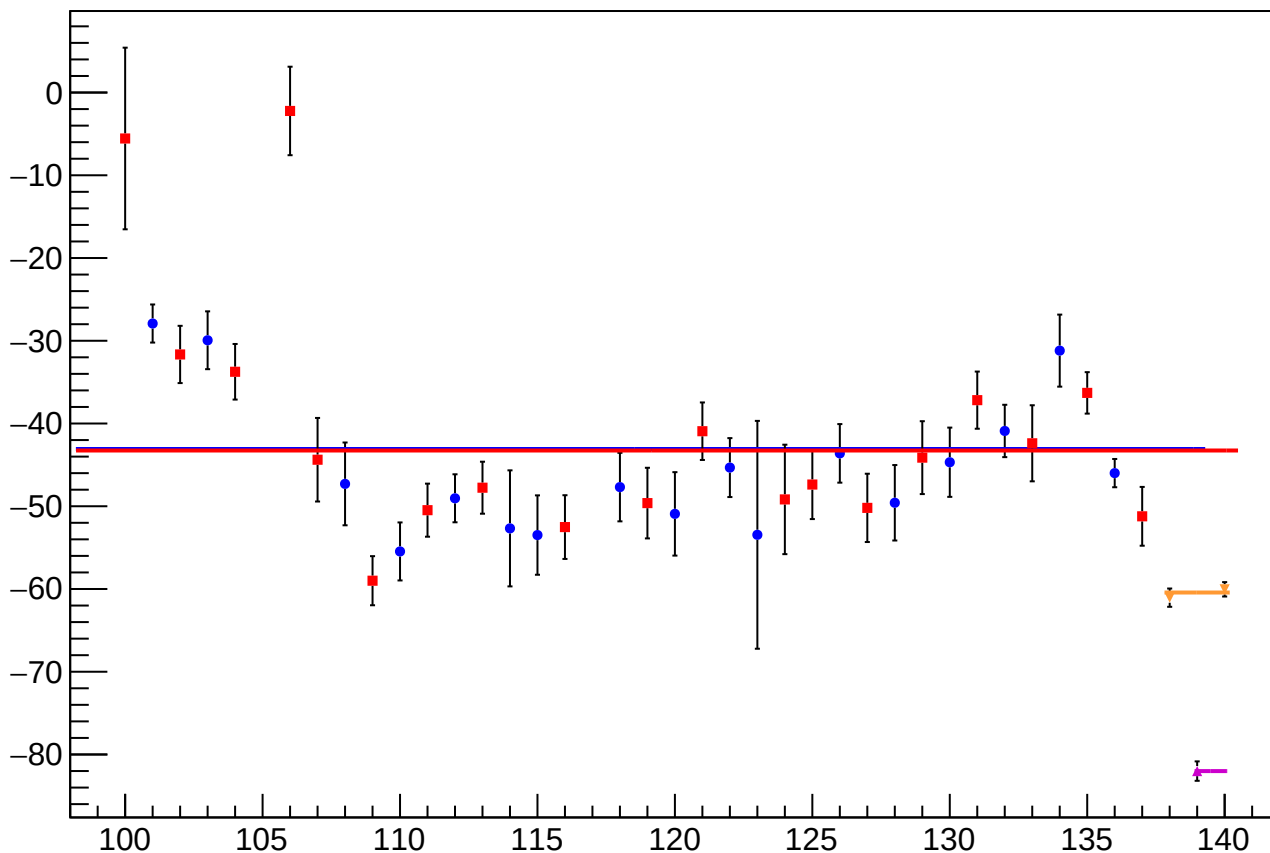
Right: -9.285 ± 0.337 χ^2/NDF : 851.1/35

In: -9.451 ± 0.450 χ^2/NDF : 540.3/17

Out: -6.266 ± 0.366 χ^2/NDF : 591.5/20

All: -7.533 ± 0.284 χ^2/NDF : 1161.9/38

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: -60.425 ± 0.683 $\chi^2/\text{NDF}: 0.5/1$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -82.007 ± 1.174 $\chi^2/\text{NDF}: 0.0/0$

Left: -65.887 ± 0.590 $\chi^2/\text{NDF}: 253.1/2$

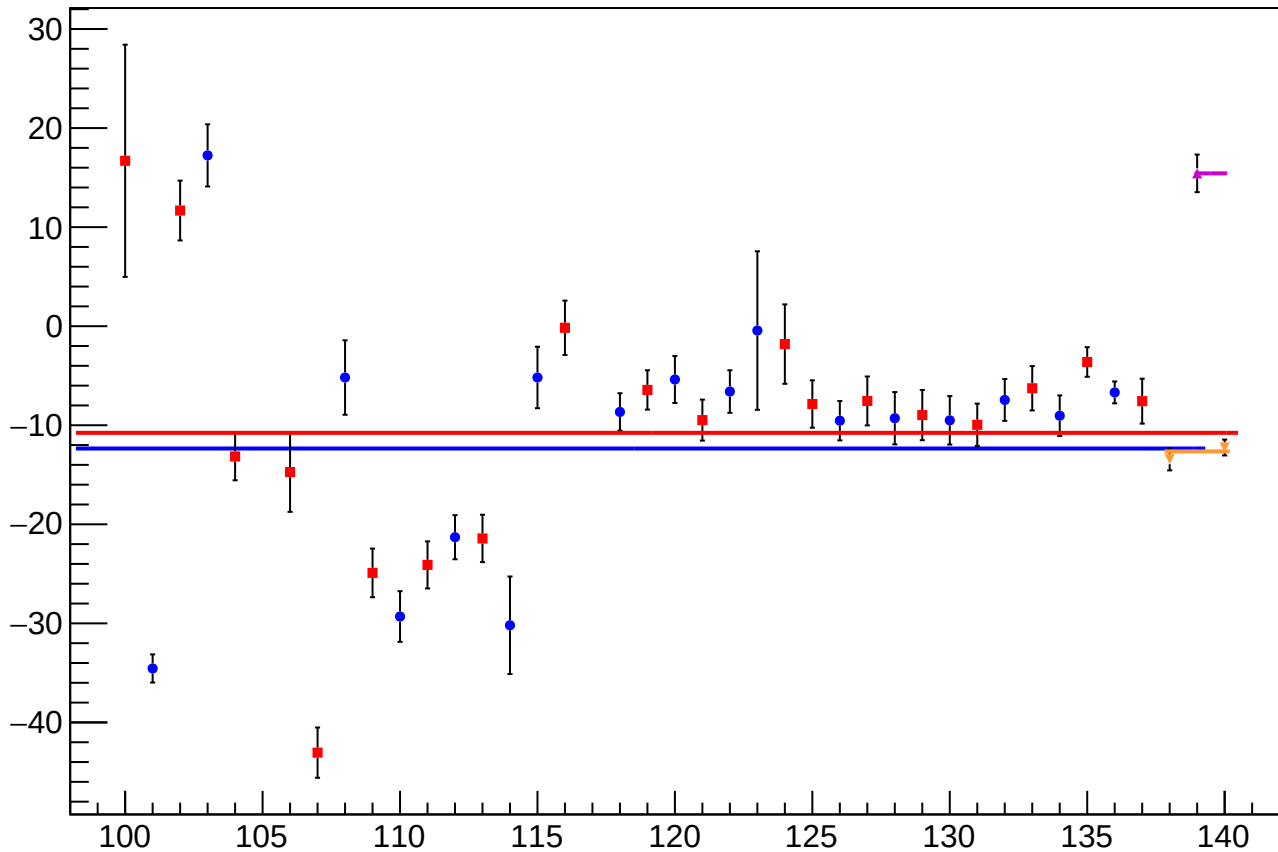
Right: -43.169 ± 0.601 $\chi^2/\text{NDF}: 253.4/35$

In: -56.149 ± 0.680 $\chi^2/\text{NDF}: 830.0/17$

Out: -53.846 ± 0.536 $\chi^2/\text{NDF}: 396.7/20$

All: -54.730 ± 0.421 $\chi^2/\text{NDF}: 1233.8/38$

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: -12.640 ± 0.654 χ^2/NDF : 0.7/1

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

Left In: 15.428 ± 1.898 χ^2/NDF : 0.0/0

Left: -9.664 ± 0.618 χ^2/NDF : 196.2/2

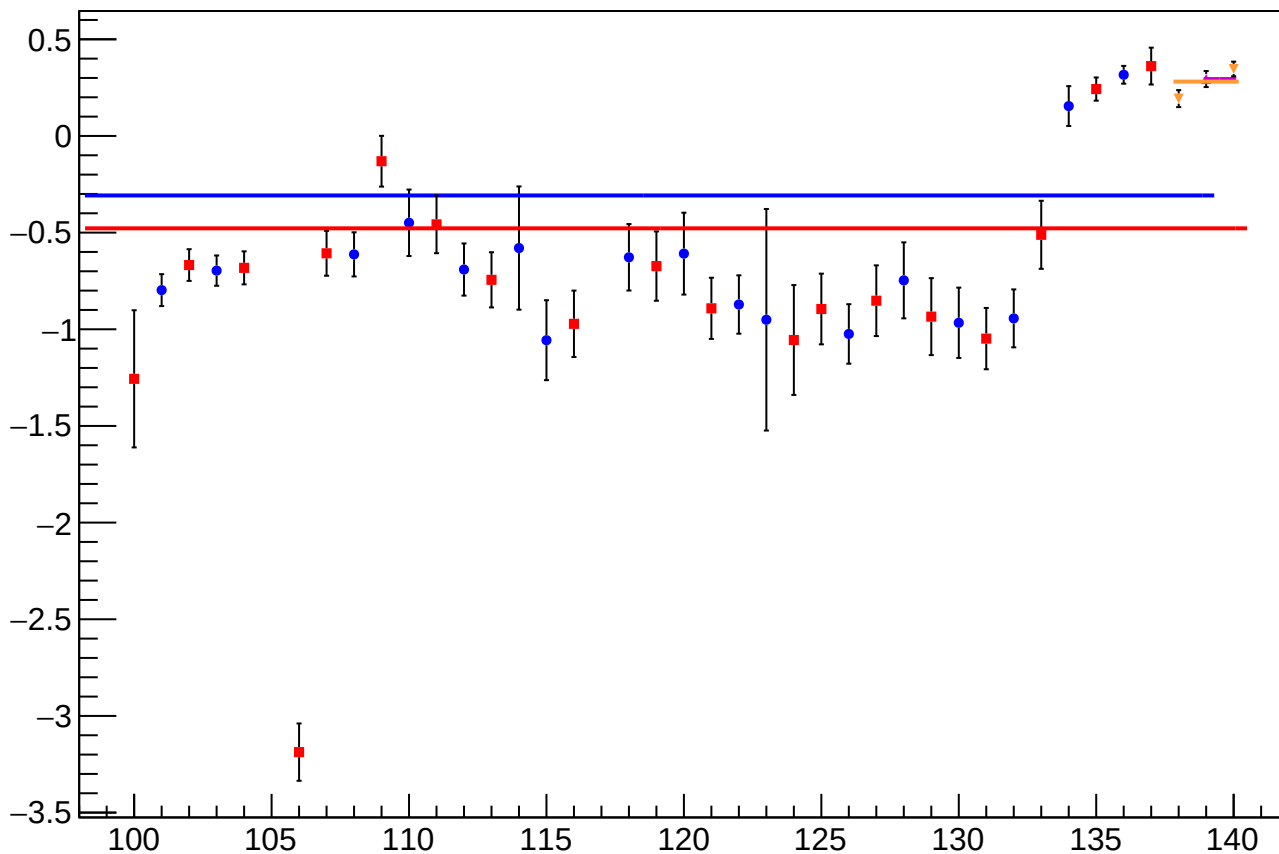
Right: -11.606 ± 0.379 χ^2/NDF : 846.9/35

In: -10.411 ± 0.501 χ^2/NDF : 675.1/17

Out: -11.548 ± 0.422 χ^2/NDF : 372.2/20

All: -11.076 ± 0.323 χ^2/NDF : 1050.3/38

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: 0.281 ± 0.029 χ^2/NDF : 7.0/1

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

Left In: 0.294 ± 0.042 χ^2/NDF : 0.0/0

Left: 0.285 ± 0.024 χ^2/NDF : 7.0/2

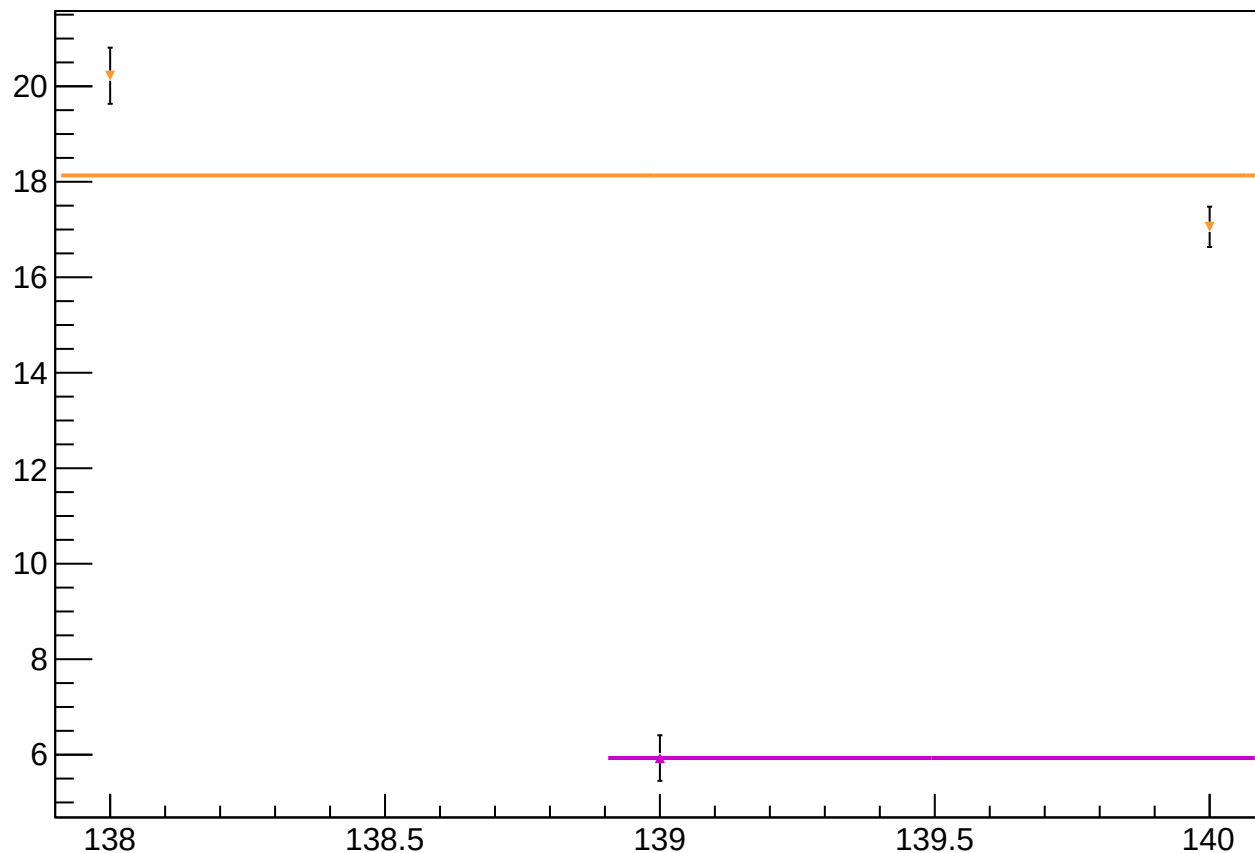
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: -0.124 ± 0.023 χ^2/NDF : 518.4/17

Out: -0.101 ± 0.020 χ^2/NDF : 989.5/20

All: -0.111 ± 0.015 χ^2/NDF : 1508.5/38

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: 18.133+/-0.343 χ^2/NDF :19.1/1

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

Left In: 5.931+/-0.477 χ^2/NDF :0.0/0

Left: 13.978+/-0.278 χ^2/NDF : 450.6/2

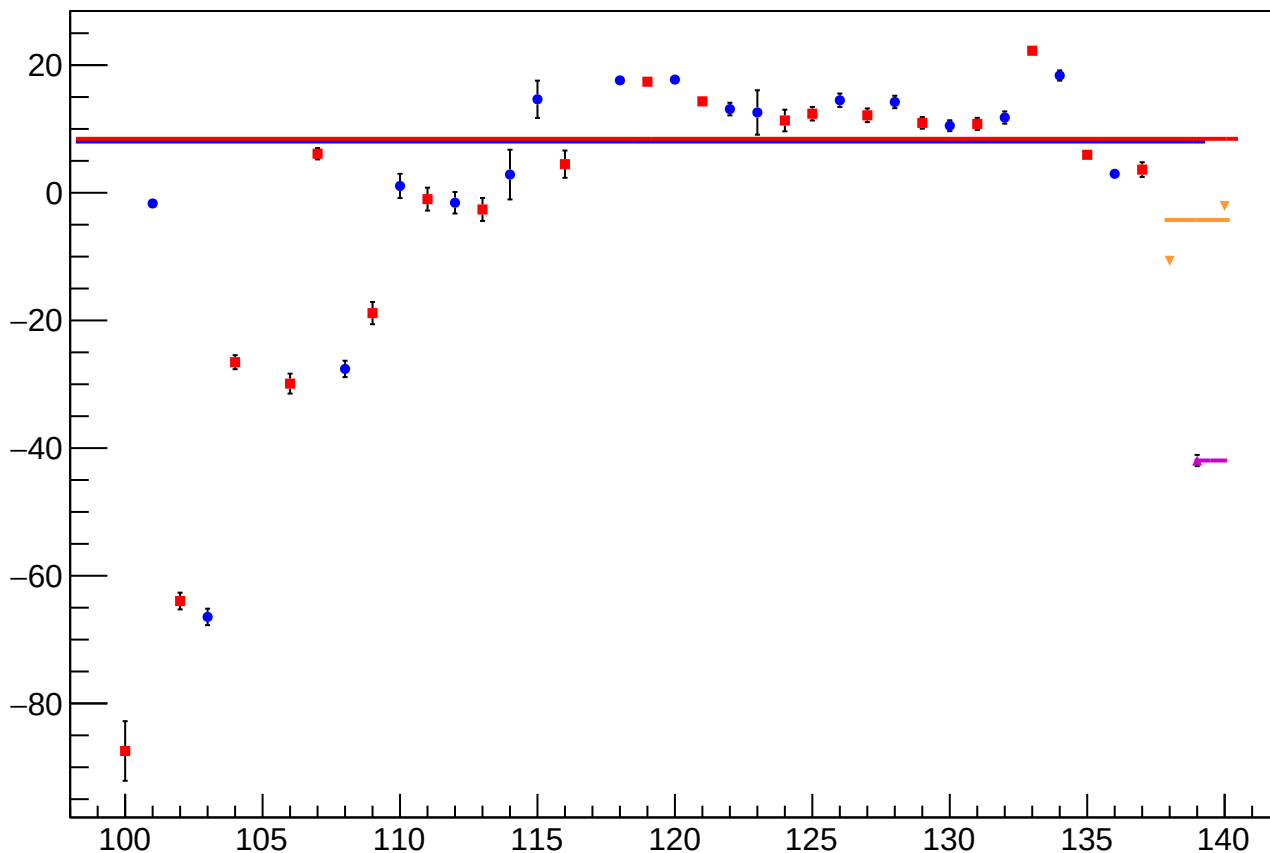
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.931+/-0.477 χ^2/NDF :0.0/0

Out: 18.133+/-0.343 χ^2/NDF :19.1/1

All: 13.978+/-0.278 χ^2/NDF : 450.6/2

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: -4.259 ± 0.302 χ^2/NDF : 154.3/1

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

Left In: -41.945 ± 0.880 χ^2/NDF : 0.0/0

Left: -8.222 ± 0.285 χ^2/NDF : 1797.0/2

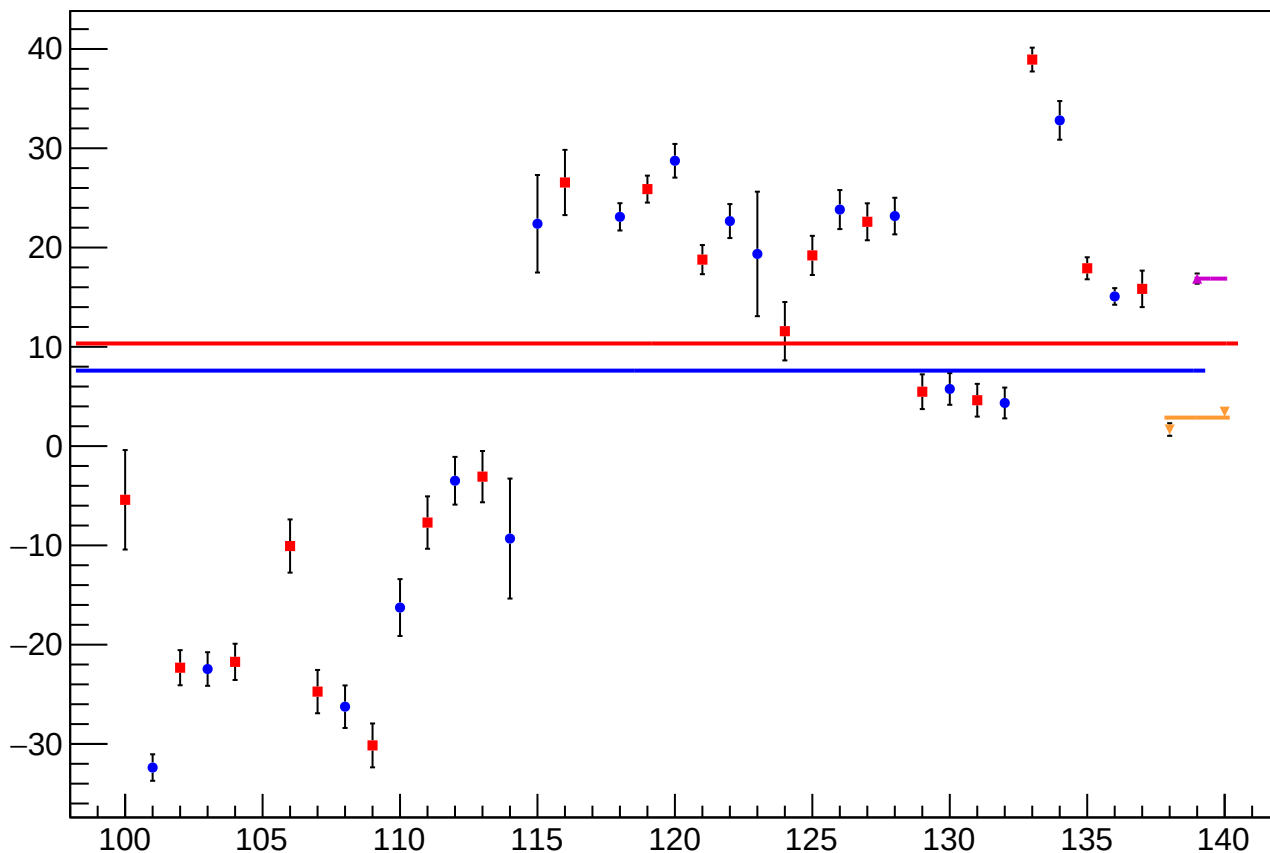
Right: 8.247 ± 0.151 χ^2/NDF : 12075.7/35

In: 5.214 ± 0.209 χ^2/NDF : 8416.0/17

Out: 4.213 ± 0.174 χ^2/NDF : 8043.2/20

All: 4.623 ± 0.134 χ^2/NDF : 16472.8/38

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604 $\pm$ 0.416 χ^2 /NDF: 2325.0/16

Left Out: 2.871 $\pm$ 0.367 χ^2 /NDF: 5.3/1

Right Out: 10.337 $\pm$ 0.416 χ^2 /NDF: 2281.8/18

Left In: 16.871 $\pm$ 0.515 χ^2 /NDF: 0.0/0

Left: 7.598 $\pm$ 0.299 χ^2 /NDF: 495.5/2

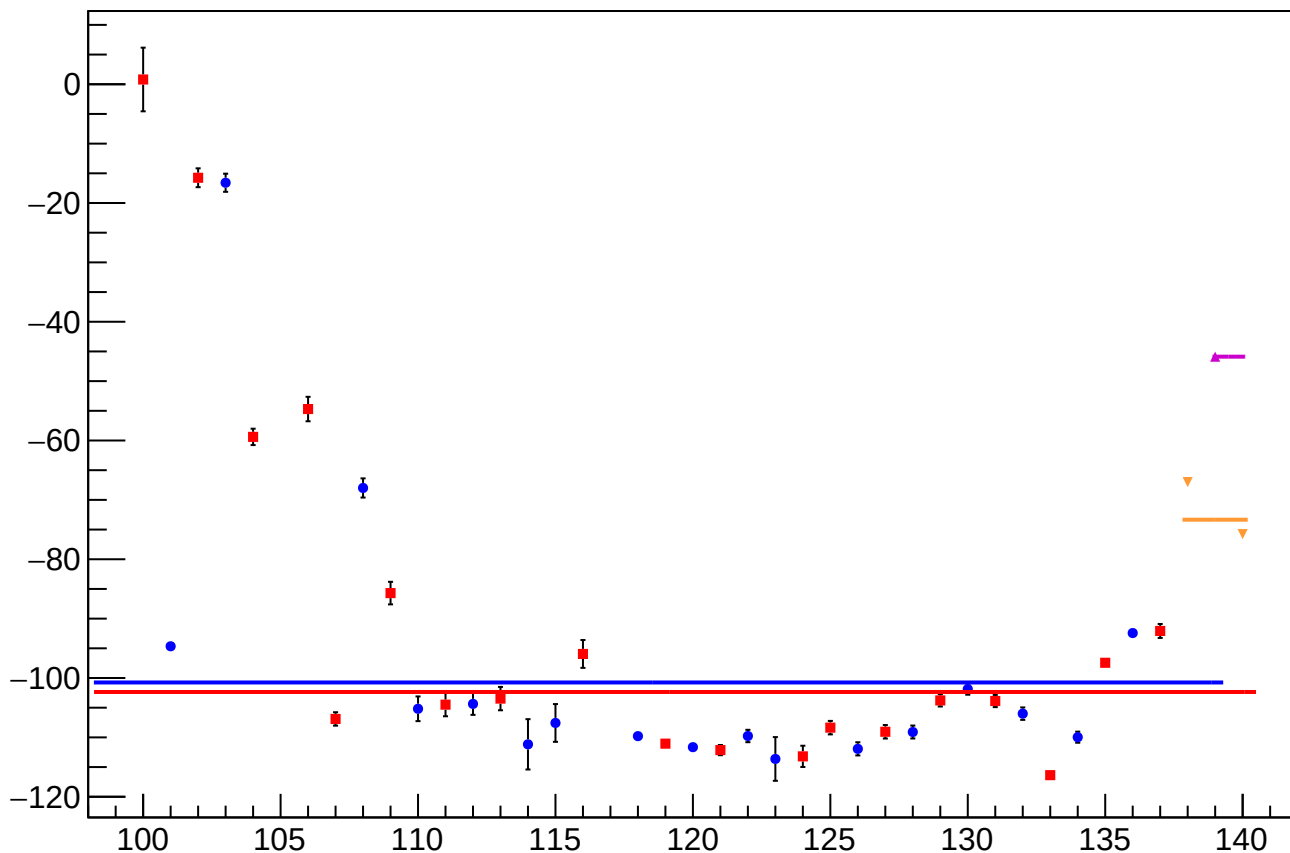
Right: 8.969 $\pm$ 0.294 χ^2 /NDF: 4628.4/35

In: 11.264 $\pm$ 0.323 χ^2 /NDF: 2521.2/17

Out: 6.139 $\pm$ 0.276 χ^2 /NDF: 2467.9/20

All: 8.294 $\pm$ 0.210 χ^2 /NDF: 5134.6/38

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: -73.339+/-0.358 χ^2/NDF :119.9/1

Right Out: -102.354+/-0.246 χ^2/NDF : 6078.9/18

Left In: -45.881+/-0.849 χ^2/NDF :0.0/0

Left: -69.184+/-0.330 χ^2/NDF : 1008.6/2

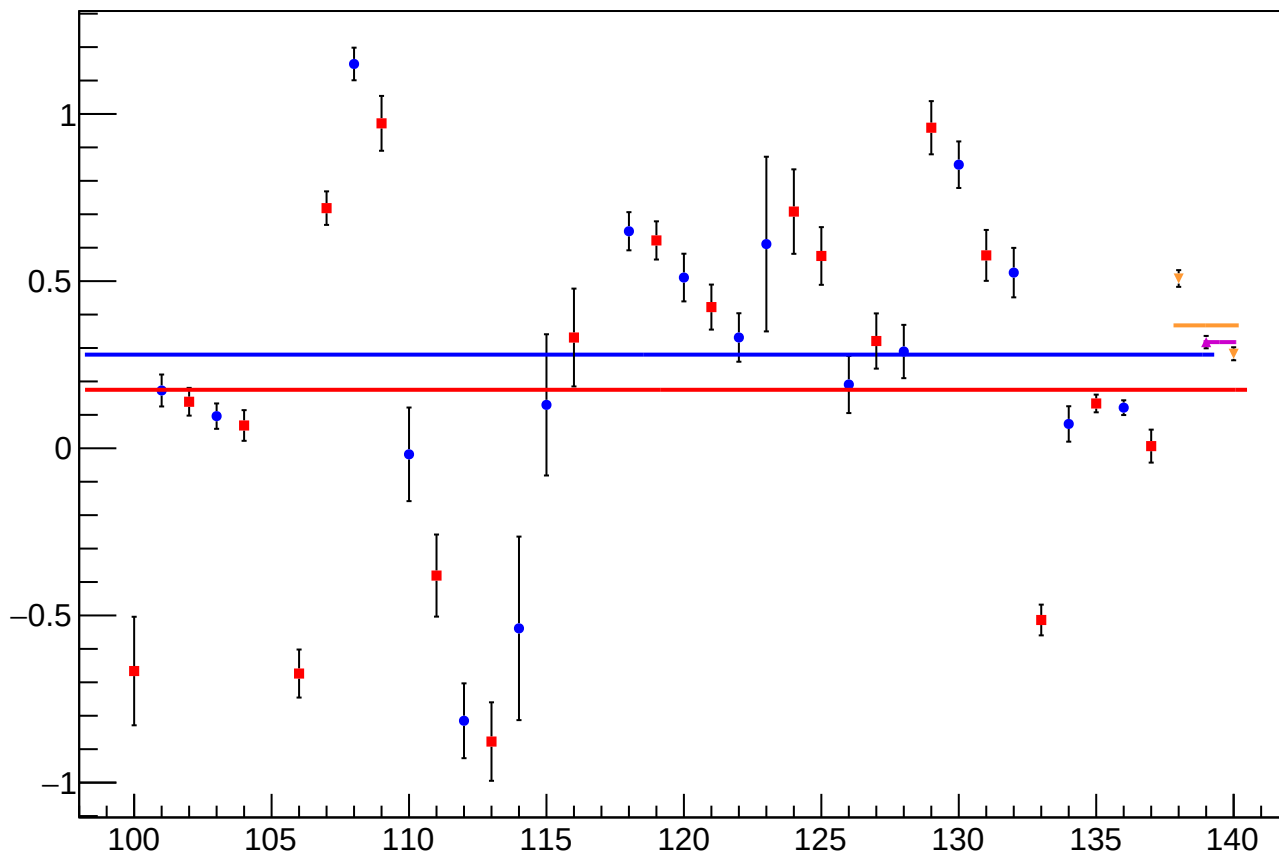
Right: -101.559+/-0.175 χ^2/NDF : 10622.5/35

In: -96.434+/-0.238 χ^2/NDF :8375.4/17

Out: -93.047+/-0.203 χ^2/NDF :10652.9/20

All: -94.472+/-0.154 χ^2/NDF : 19145.6/38

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: 0.368 $\pm$ 0.015 χ^2 /NDF:50.4/1

Right Out: 0.175 $\pm$ 0.013 χ^2 /NDF: 966.7/18

Left In: 0.318 $\pm$ 0.019 χ^2 /NDF:0.0/0

Left: 0.347 $\pm$ 0.012 χ^2 /NDF: 54.8/2

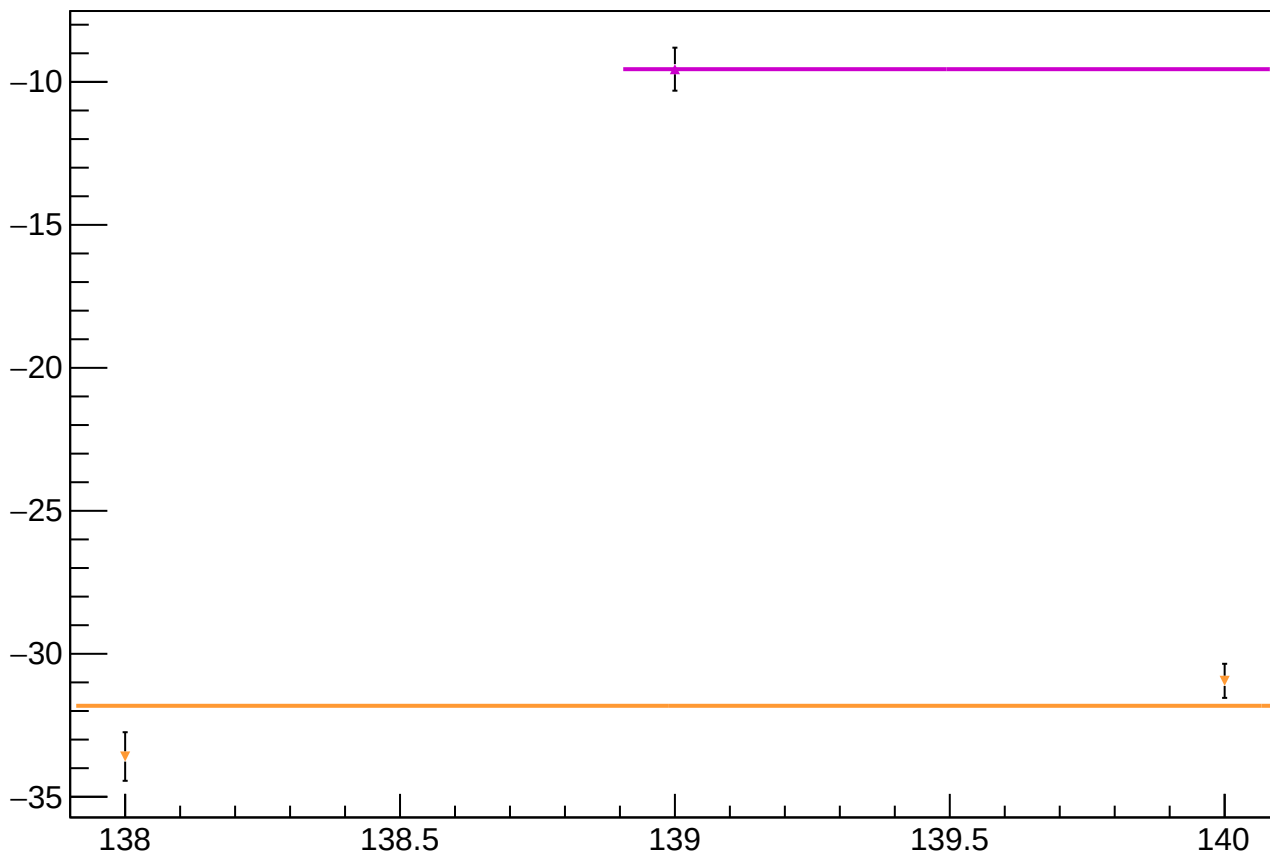
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1653.2/35

In: 0.293 $\pm$ 0.011 χ^2 /NDF:658.7/17

Out: 0.259 $\pm$ 0.010 χ^2 /NDF:1106.2/20

All: 0.275 $\pm$ 0.007 χ^2 /NDF: 1770.3/38

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: -31.818 +/- 0.488 χ^2/NDF : 6.5/1

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

Left In: -9.555 +/- 0.752 χ^2/NDF : 0.0/0

Left: -25.225 +/- 0.409 χ^2/NDF : 623.2/2

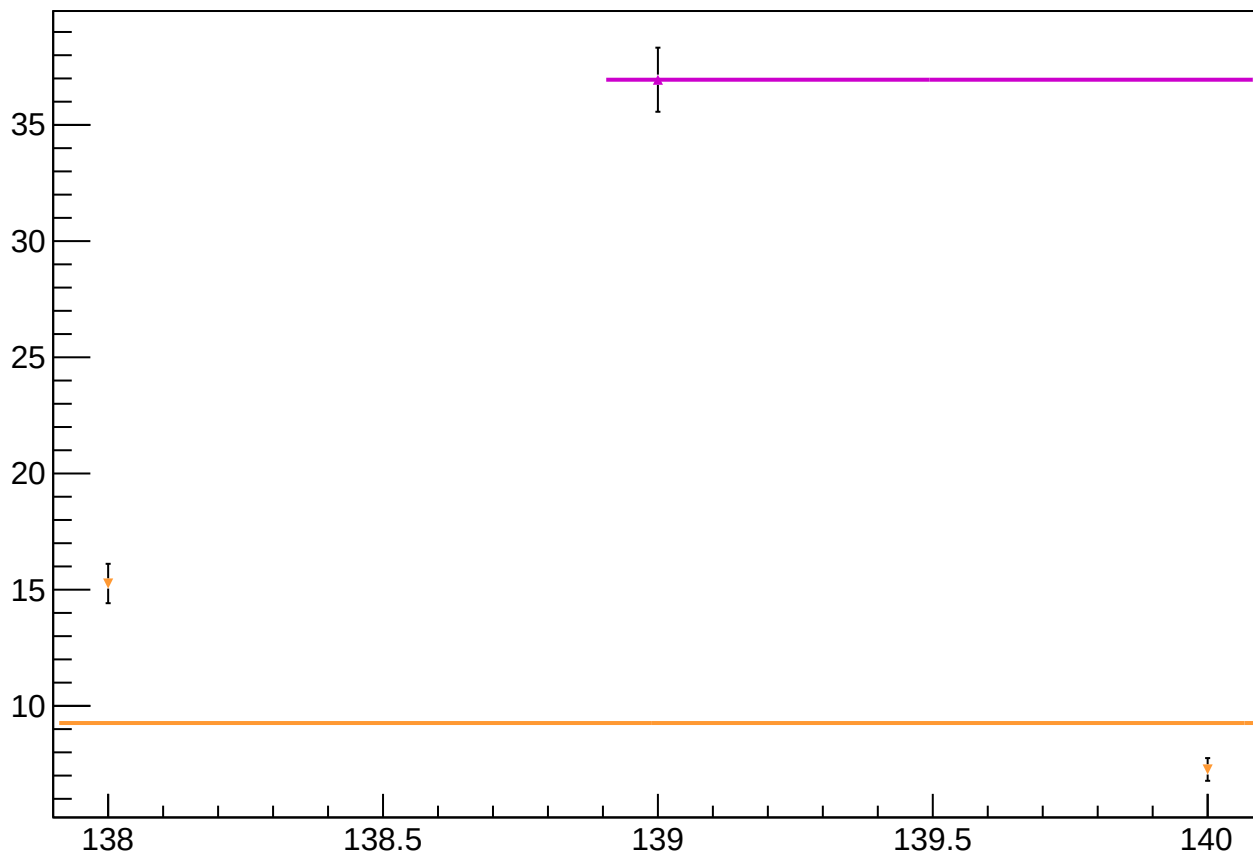
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -9.555 +/- 0.752 χ^2/NDF : 0.0/0

Out: -31.818 +/- 0.488 χ^2/NDF : 6.5/1

All: -25.225 +/- 0.409 χ^2/NDF : 623.2/2

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: 9.262+/-0.423 χ^2/NDF :66.9/1

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

Left In: 36.945+/-1.379 χ^2/NDF :0.0/0

Left: 11.645+/-0.405 χ^2/NDF : 435.2/2

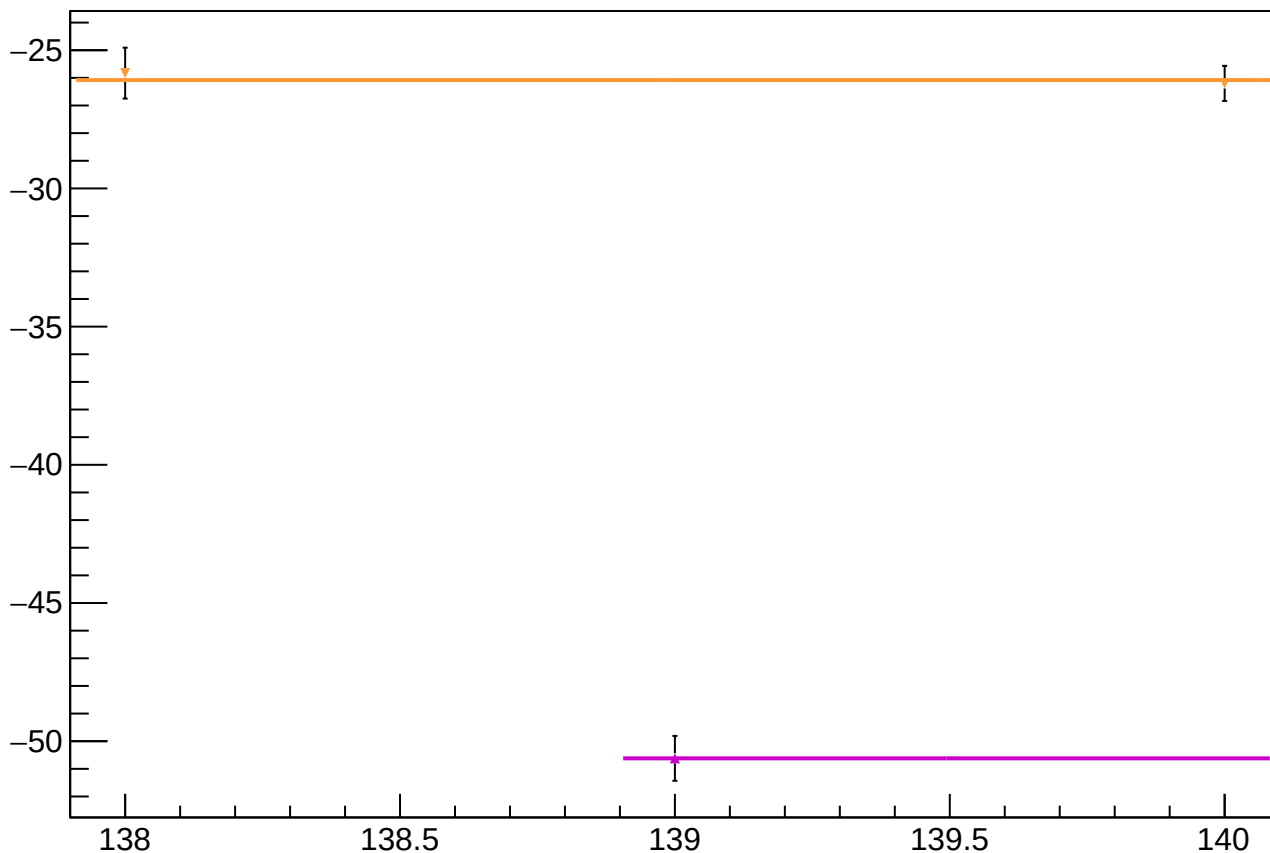
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.945+/-1.379 χ^2/NDF :0.0/0

Out: 9.262+/-0.423 χ^2/NDF :66.9/1

All: 11.645+/-0.405 χ^2/NDF : 435.2/2

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: -26.080±/-0.523 χ^2/NDF : 0.1/1

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

Left In: -50.620±/-0.812 χ^2/NDF : 0.0/0

Left: -33.268±/-0.440 χ^2/NDF : 645.7/2

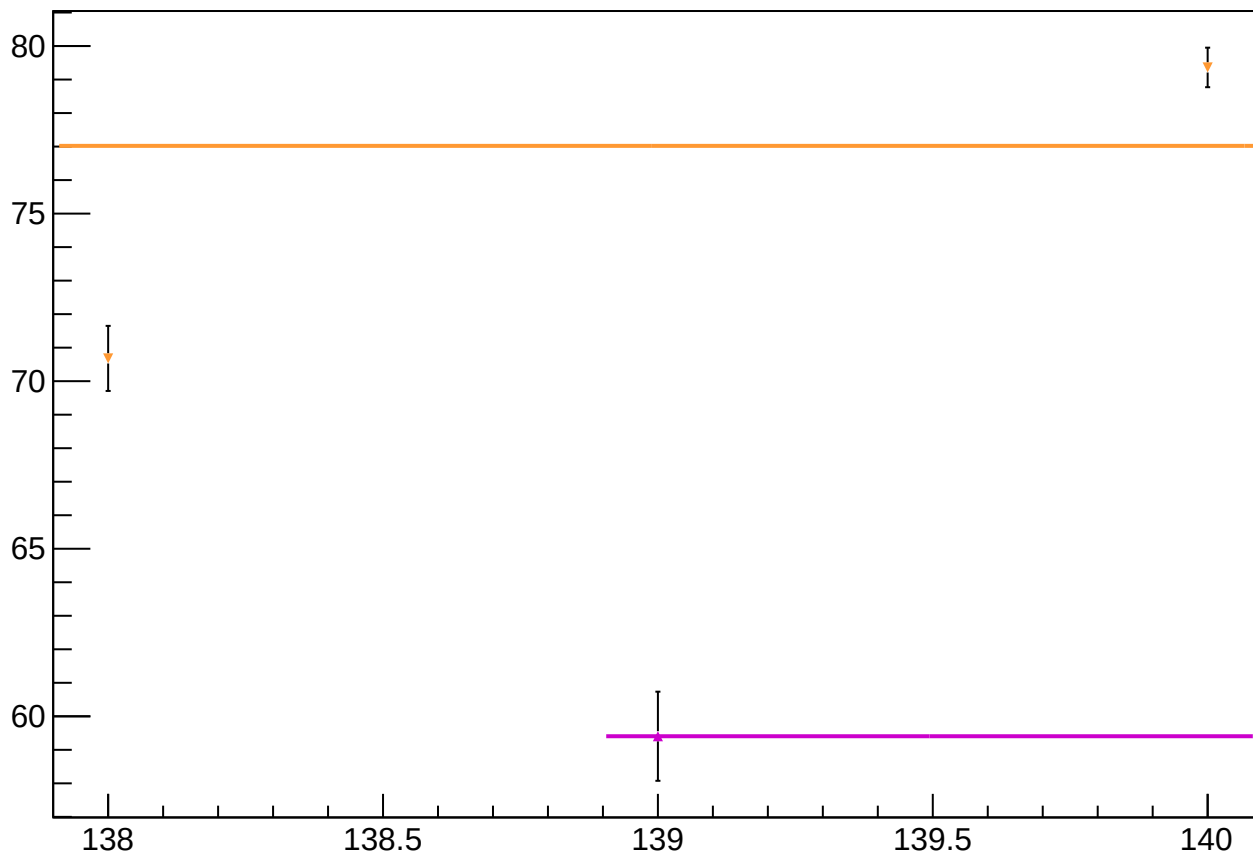
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: -50.620±/-0.812 χ^2/NDF : 0.0/0

Out: -26.080±/-0.523 χ^2/NDF : 0.1/1

All: -33.268±/-0.440 χ^2/NDF : 645.7/2

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: 77.021+/-0.504 χ^2/NDF :58.4/1

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

Left In: 59.406+/-1.330 χ^2/NDF :0.0/0

Left: 74.808+/-0.471 χ^2/NDF : 211.9/2

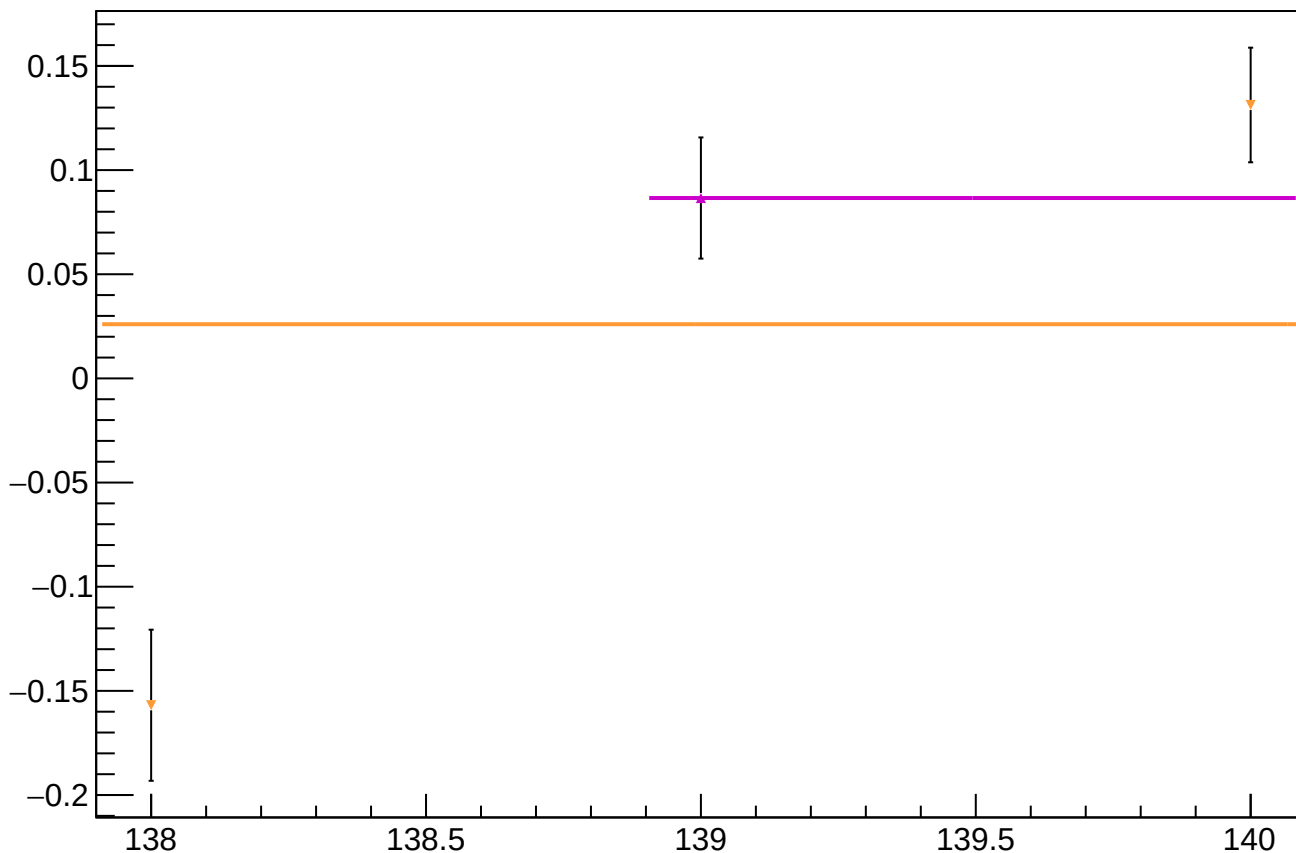
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.406+/-1.330 χ^2/NDF :0.0/0

Out: 77.021+/-0.504 χ^2/NDF :58.4/1

All: 74.808+/-0.471 χ^2/NDF : 211.9/2

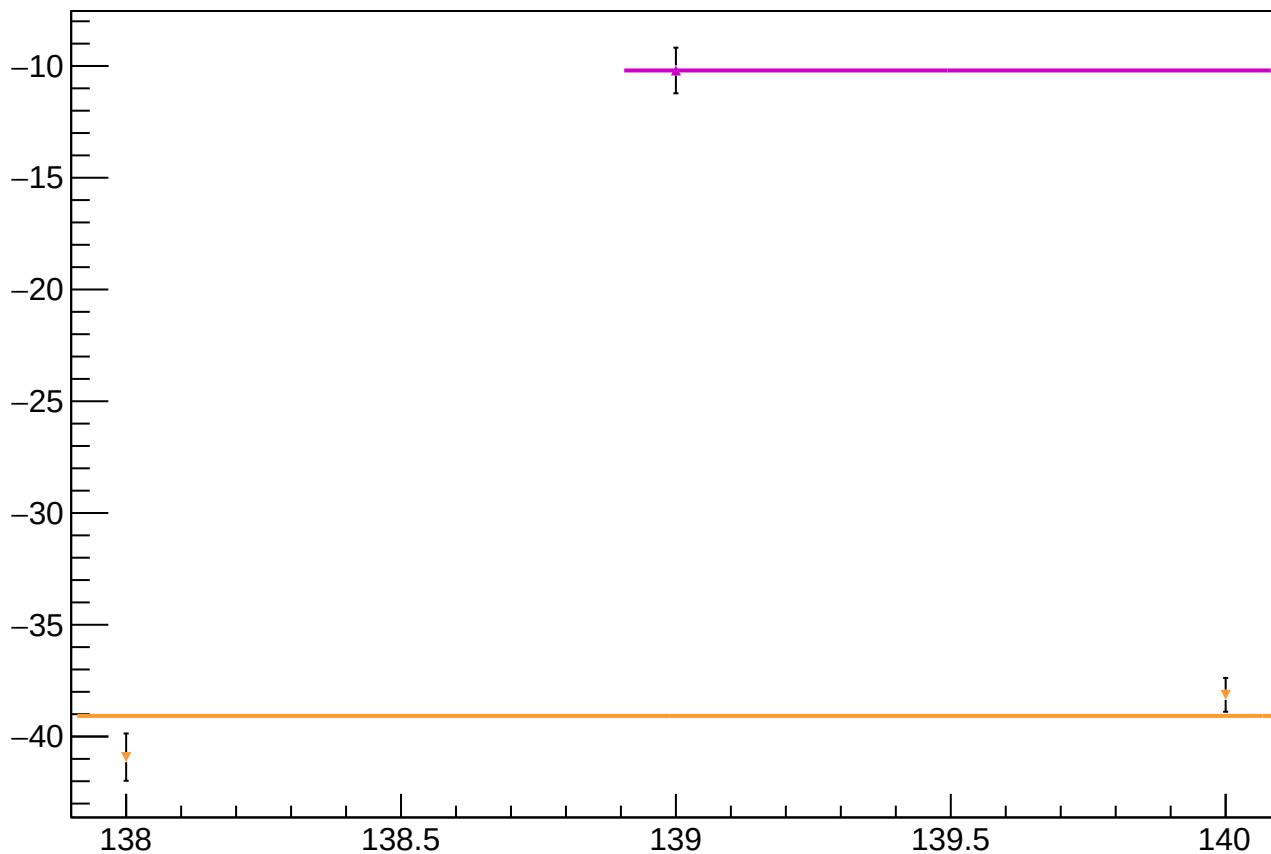
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.026+/-0.022 χ^2/NDF : 40.1/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.087+/-0.029 χ^2/NDF : 0.0/0

Left: 0.048+/-0.018 χ^2/NDF : 42.8/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.087+/-0.029 χ^2/NDF : 0.0/0
 Out: 0.026+/-0.022 χ^2/NDF : 40.1/1
 All: 0.048+/-0.018 χ^2/NDF : 42.8/2

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Left: -31.367 ± 0.527 χ^2/NDF : 592.0/2

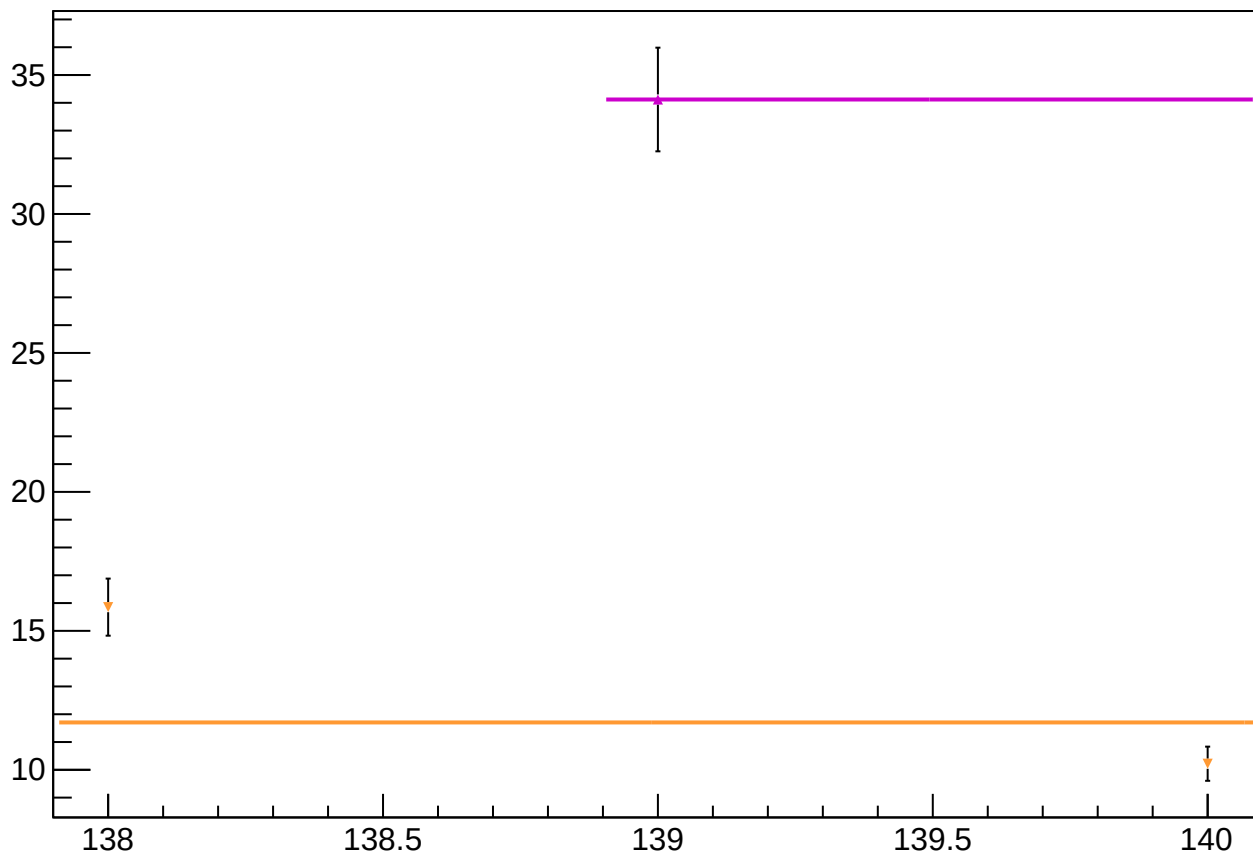
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -10.201 ± 1.020 χ^2/NDF : 0.0/0

Out: -39.077 ± 0.616 χ^2/NDF : 4.6/1

All: -31.367 ± 0.527 χ^2/NDF : 592.0/2

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: 11.705+/-0.527 χ^2/NDF :22.2/1

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

Left In: 34.119+/-1.865 χ^2/NDF :0.0/0

Left: 13.364+/-0.507 χ^2/NDF : 155.9/2

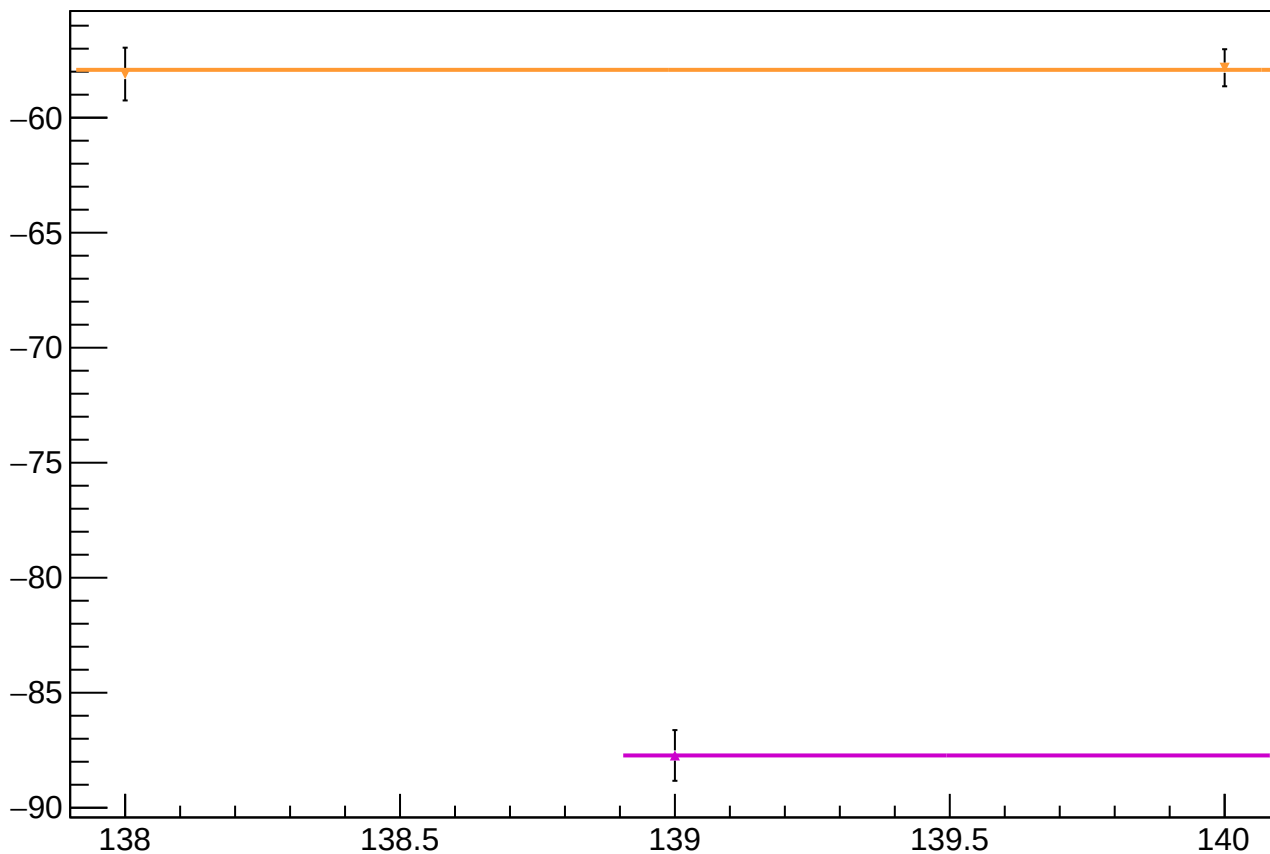
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.119+/-1.865 χ^2/NDF :0.0/0

Out: 11.705+/-0.527 χ^2/NDF :22.2/1

All: 13.364+/-0.507 χ^2/NDF : 155.9/2

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: -57.920+/-0.659 χ^2/NDF : 0.0/1

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

Left In: -87.727+/-1.102 χ^2/NDF : 0.0/0

Left: -65.779+/-0.566 χ^2/NDF : 538.6/2

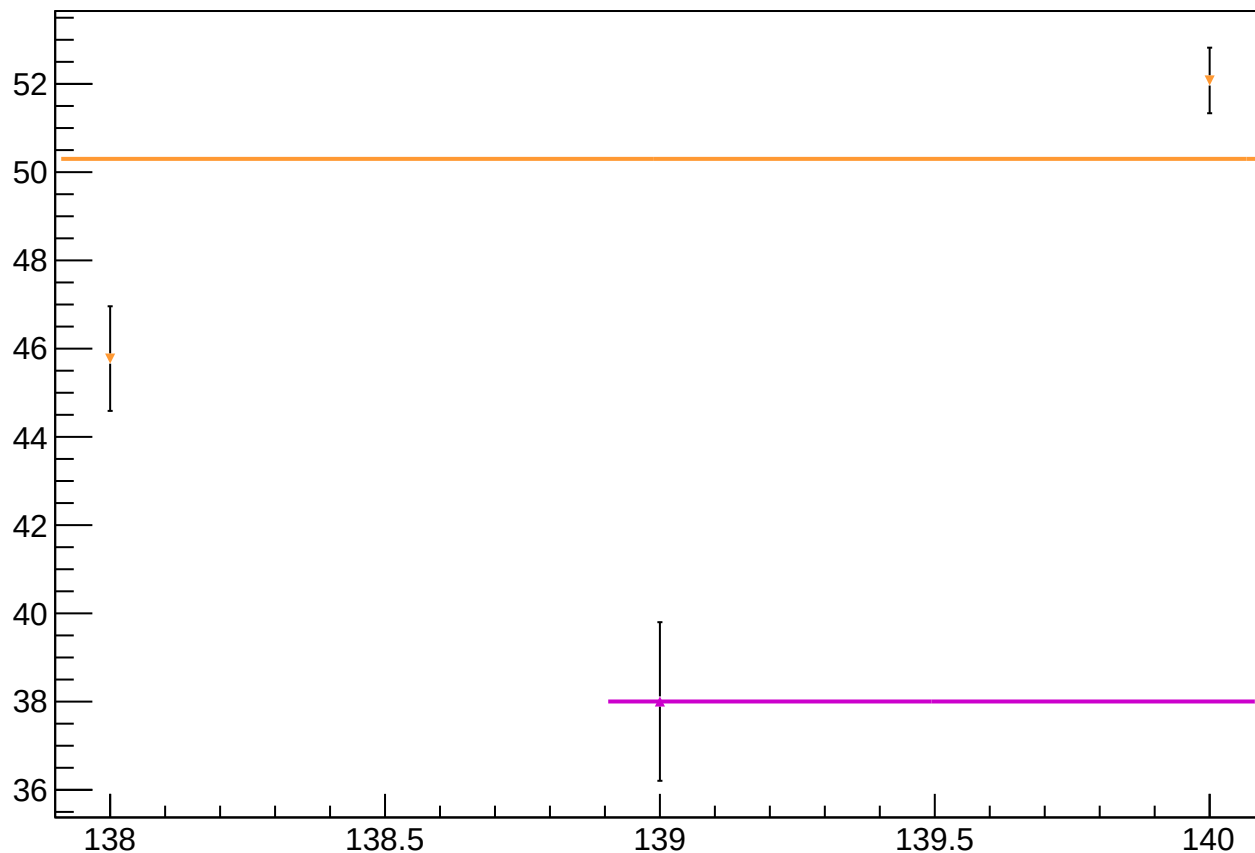
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.727+/-1.102 χ^2/NDF : 0.0/0

Out: -57.920+/-0.659 χ^2/NDF : 0.0/1

All: -65.779+/-0.566 χ^2/NDF : 538.6/2

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: 50.301+/-0.630 χ^2 /NDF:20.3/1

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

Left In: 38.003+/-1.798 χ^2 /NDF:0.0/0

Left: 48.957+/-0.594 χ^2 /NDF: 62.0/2

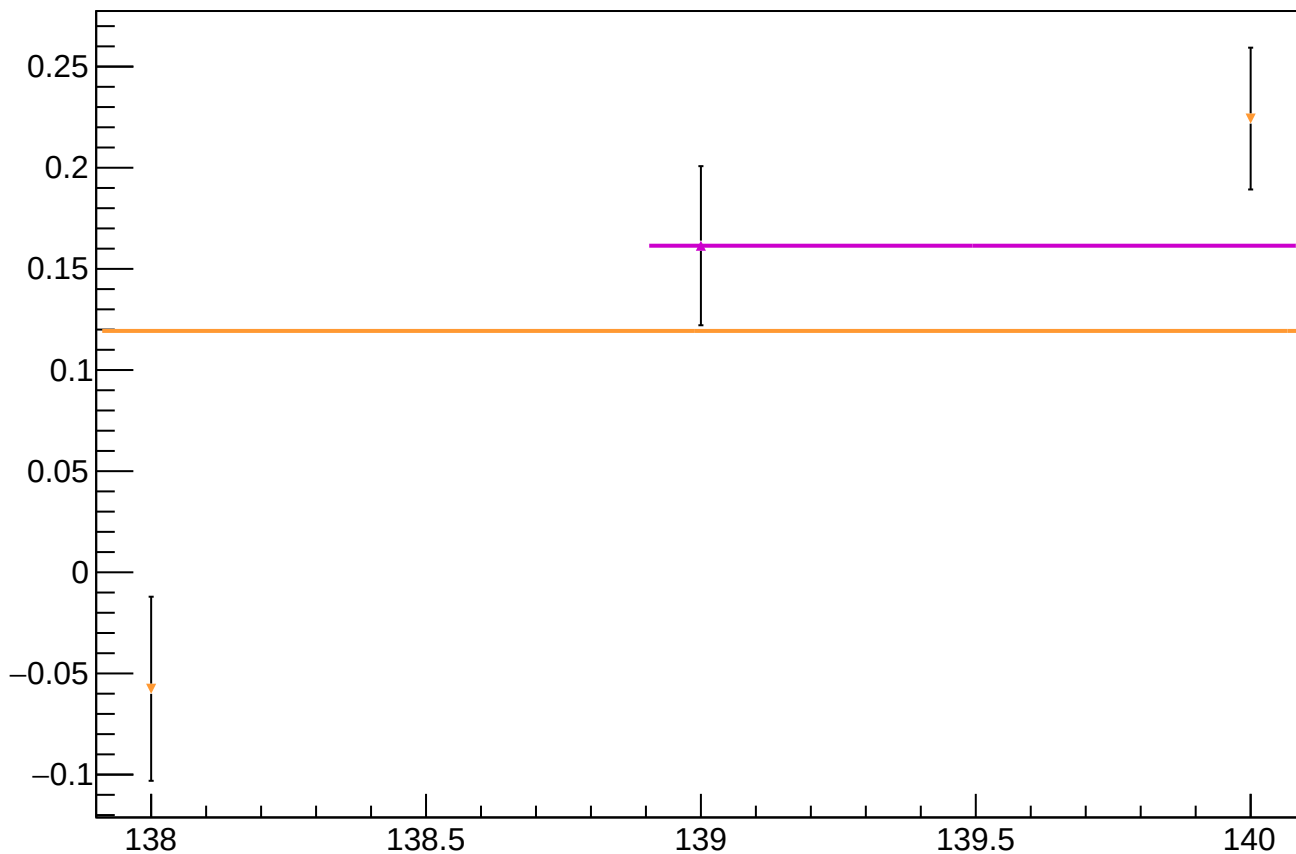
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 38.003+/-1.798 χ^2 /NDF:0.0/0

Out: 50.301+/-0.630 χ^2 /NDF:20.3/1

All: 48.957+/-0.594 χ^2 /NDF: 62.0/2

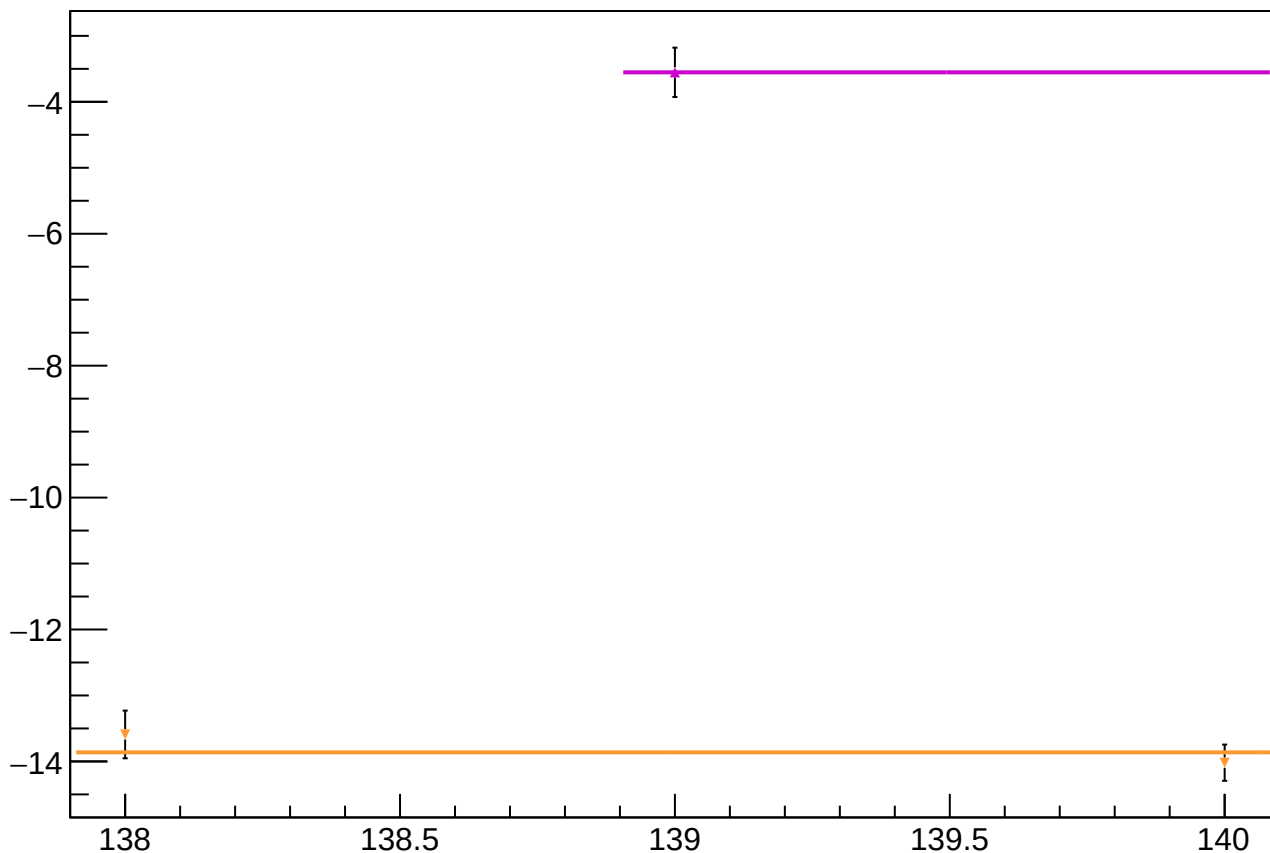
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.119+/-0.028 χ^2/NDF :24.1/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.161+/-0.039 χ^2/NDF :0.0/0

Left: 0.133+/-0.023 χ^2/NDF : 24.9/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.161+/-0.039 χ^2/NDF :0.0/0
 Out: 0.119+/-0.028 χ^2/NDF :24.1/1
 All: 0.133+/-0.023 χ^2/NDF : 24.9/2

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: -13.862 ± 0.219 χ^2/NDF : 0.9/1

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -3.553 ± 0.374 χ^2/NDF : 0.0/0

Left: -11.238 ± 0.189 χ^2/NDF : 566.7/2

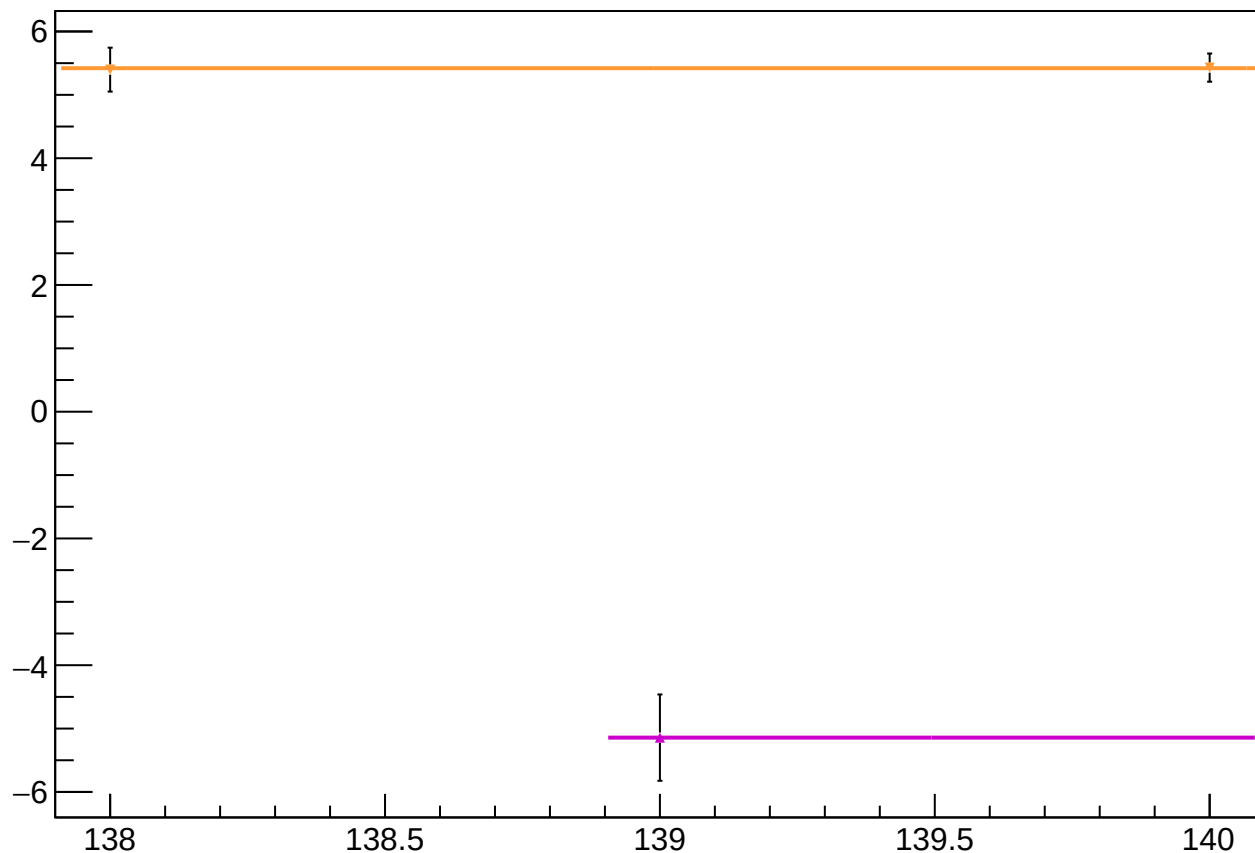
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -3.553 ± 0.374 χ^2/NDF : 0.0/0

Out: -13.862 ± 0.219 χ^2/NDF : 0.9/1

All: -11.238 ± 0.189 χ^2/NDF : 566.7/2

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 5.420+/-0.187 χ^2/NDF : 0.0/1

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

Left In: -5.143+/-0.681 χ^2/NDF : 0.0/0

Left: 4.679+/-0.180 χ^2/NDF : 223.6/2

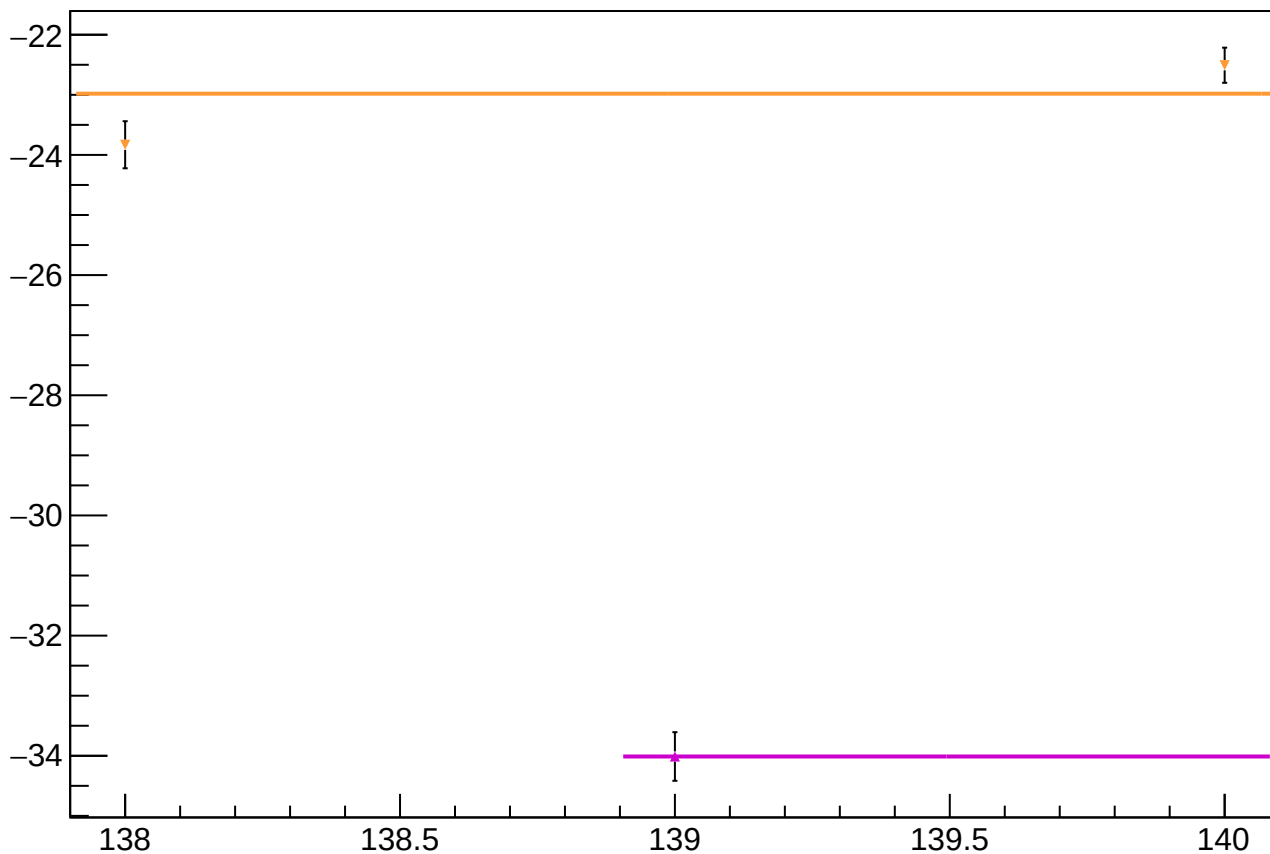
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.143+/-0.681 χ^2/NDF : 0.0/0

Out: 5.420+/-0.187 χ^2/NDF : 0.0/1

All: 4.679+/-0.180 χ^2/NDF : 223.6/2

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: -22.981+/-0.234 χ^2/NDF : 7.3/1

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

Left In: -34.012+/-0.405 χ^2/NDF : 0.0/0

Left: -25.751+/-0.203 χ^2/NDF : 564.0/2

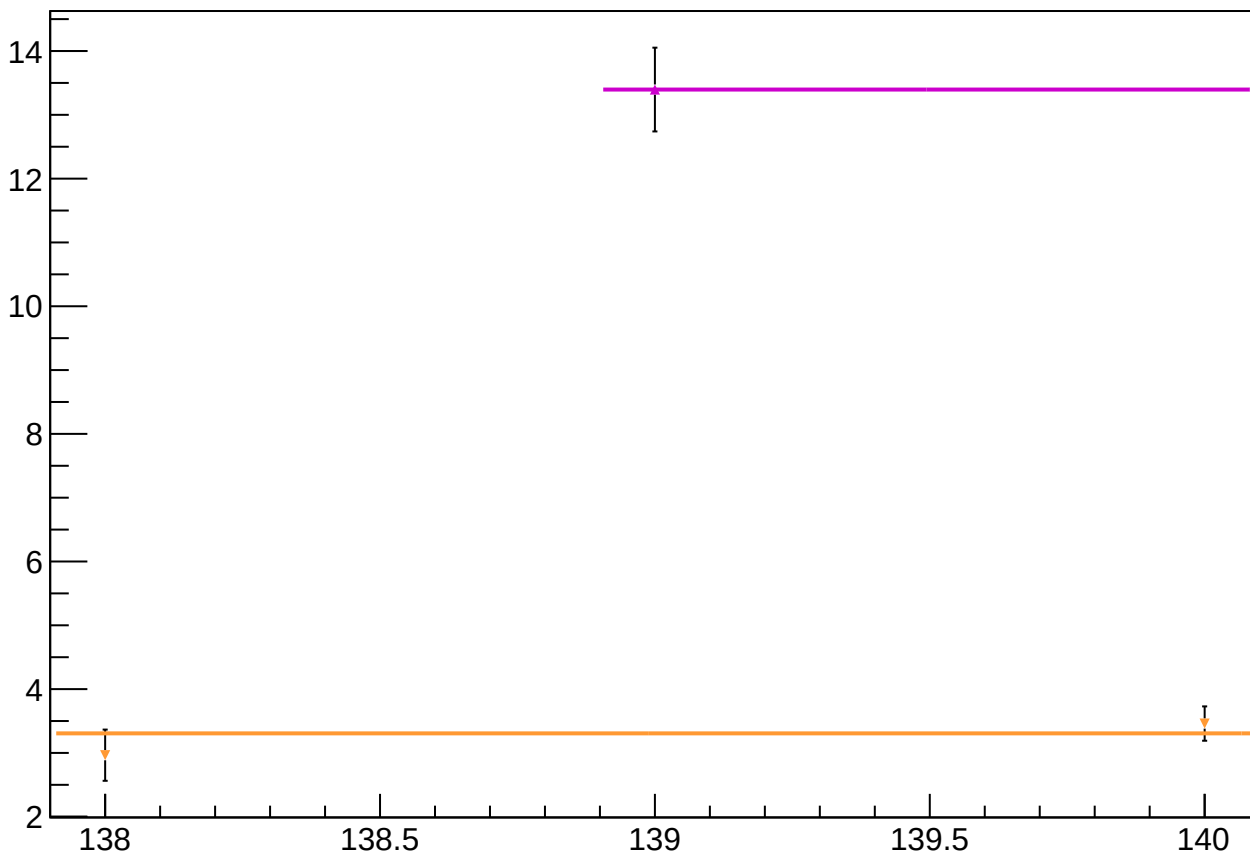
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.012+/-0.405 χ^2/NDF : 0.0/0

Out: -22.981+/-0.234 χ^2/NDF : 7.3/1

All: -25.751+/-0.203 χ^2/NDF : 564.0/2

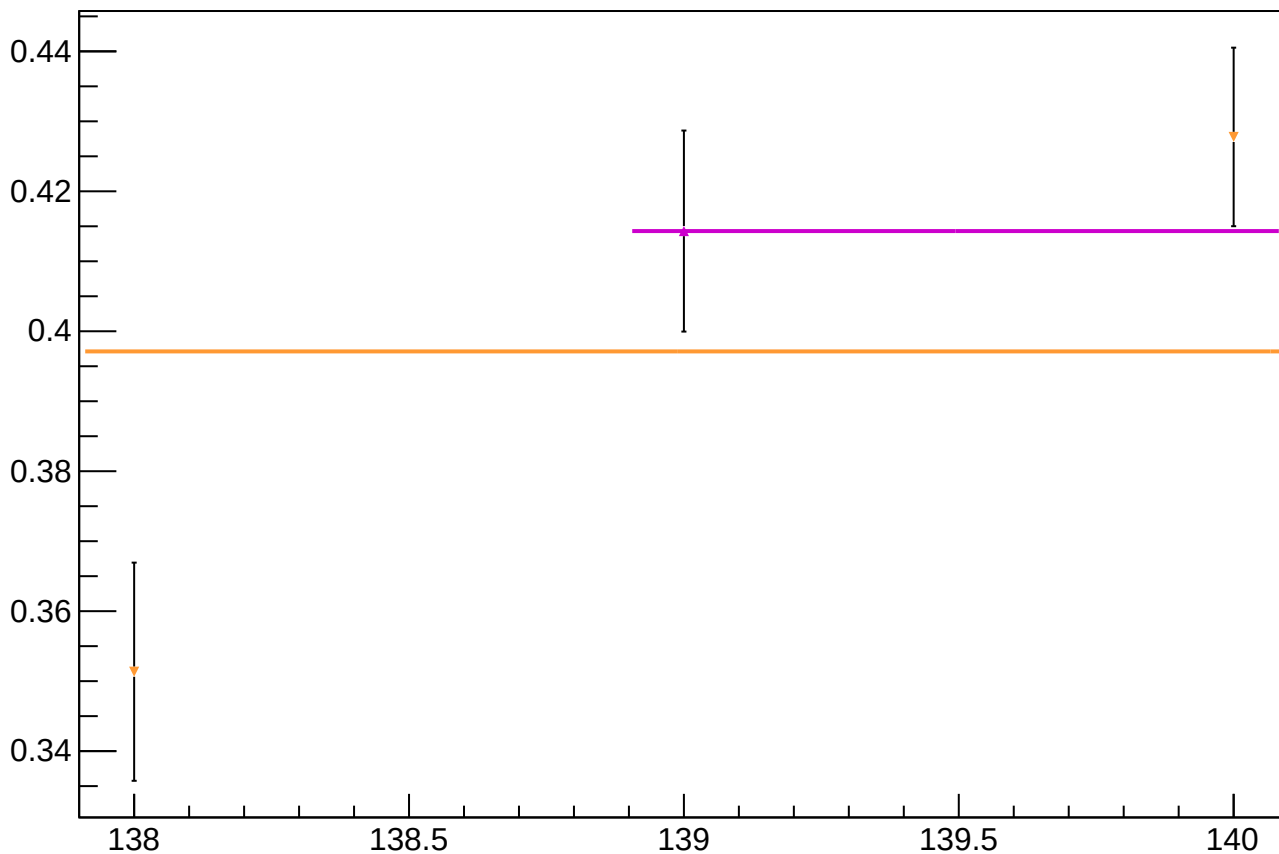
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.306 $\pm$ 0.223 χ^2 /NDF:1.1/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.396 $\pm$ 0.656 χ^2 /NDF:0.0/0

Left: 4.354 $\pm$ 0.212 χ^2 /NDF: 212.8/2
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.396 $\pm$ 0.656 χ^2 /NDF:0.0/0
 Out: 3.306 $\pm$ 0.223 χ^2 /NDF:1.1/1
 All: 4.354 $\pm$ 0.212 χ^2 /NDF: 212.8/2

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.397+/-0.010 χ^2/NDF :14.4/1

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

Left In: 0.414+/-0.014 χ^2/NDF :0.0/0

Left: 0.403+/-0.008 χ^2/NDF : 15.4/2

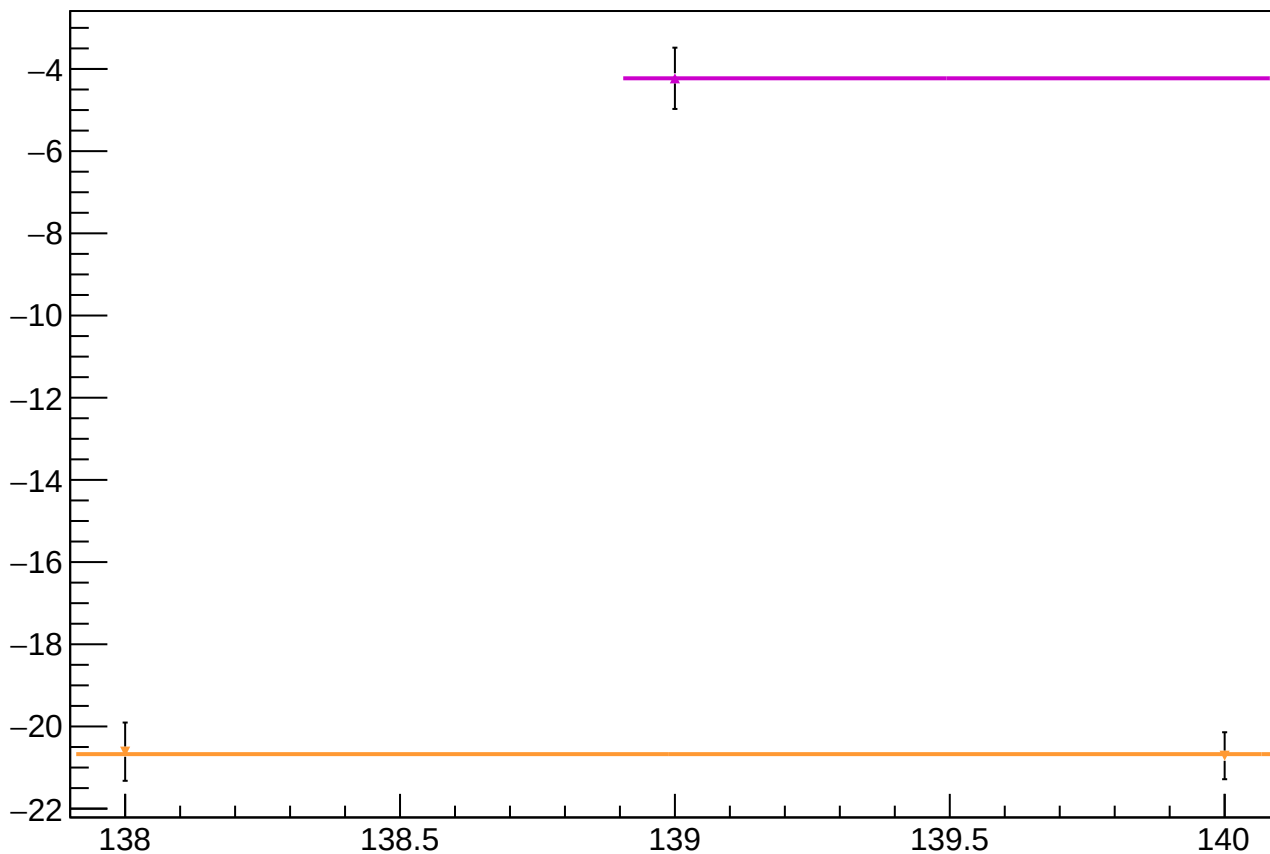
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.414+/-0.014 χ^2/NDF :0.0/0

Out: 0.397+/-0.010 χ^2/NDF :14.4/1

All: 0.403+/-0.008 χ^2/NDF : 15.4/2

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: -20.673+/-0.445 χ^2/NDF : 0.0/1

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

Left In: -4.227+/-0.746 χ^2/NDF : 0.0/0

Left: -16.356+/-0.382 χ^2/NDF : 358.8/2

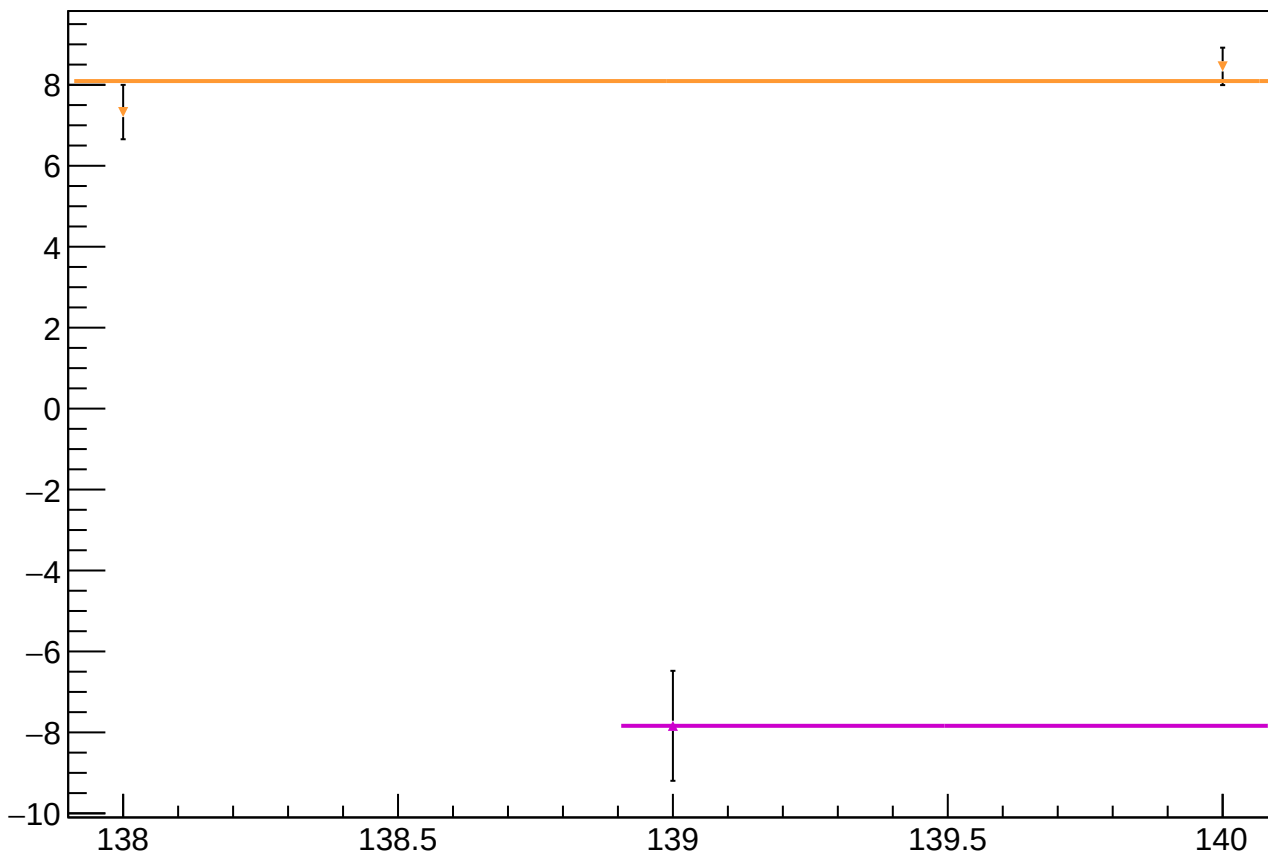
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.227+/-0.746 χ^2/NDF : 0.0/0

Out: -20.673+/-0.445 χ^2/NDF : 0.0/1

All: -16.356+/-0.382 χ^2/NDF : 358.8/2

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: 8.093+/-0.381 χ^2/NDF : 1.9/1

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

Left In: -7.837+/-1.359 χ^2/NDF : 0.0/0

Left: 6.932+/-0.367 χ^2/NDF : 129.4/2

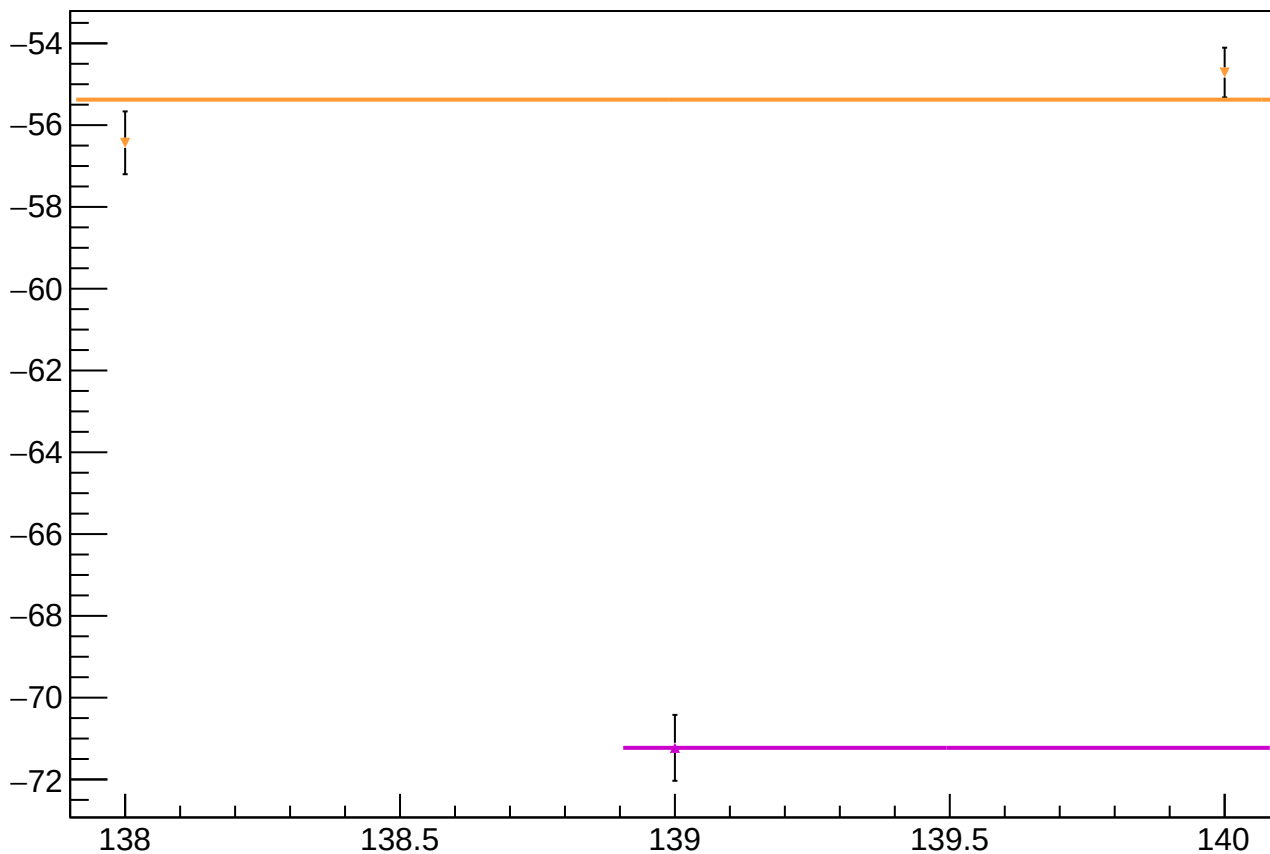
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.837+/-1.359 χ^2/NDF : 0.0/0

Out: 8.093+/-0.381 χ^2/NDF : 1.9/1

All: 6.932+/-0.367 χ^2/NDF : 129.4/2

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -55.377+/-0.477 χ^2 /NDF:3.1/1

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

Left In: -71.227+/-0.806 χ^2 /NDF:0.0/0

Left: -59.486+/-0.410 χ^2 /NDF: 289.6/2

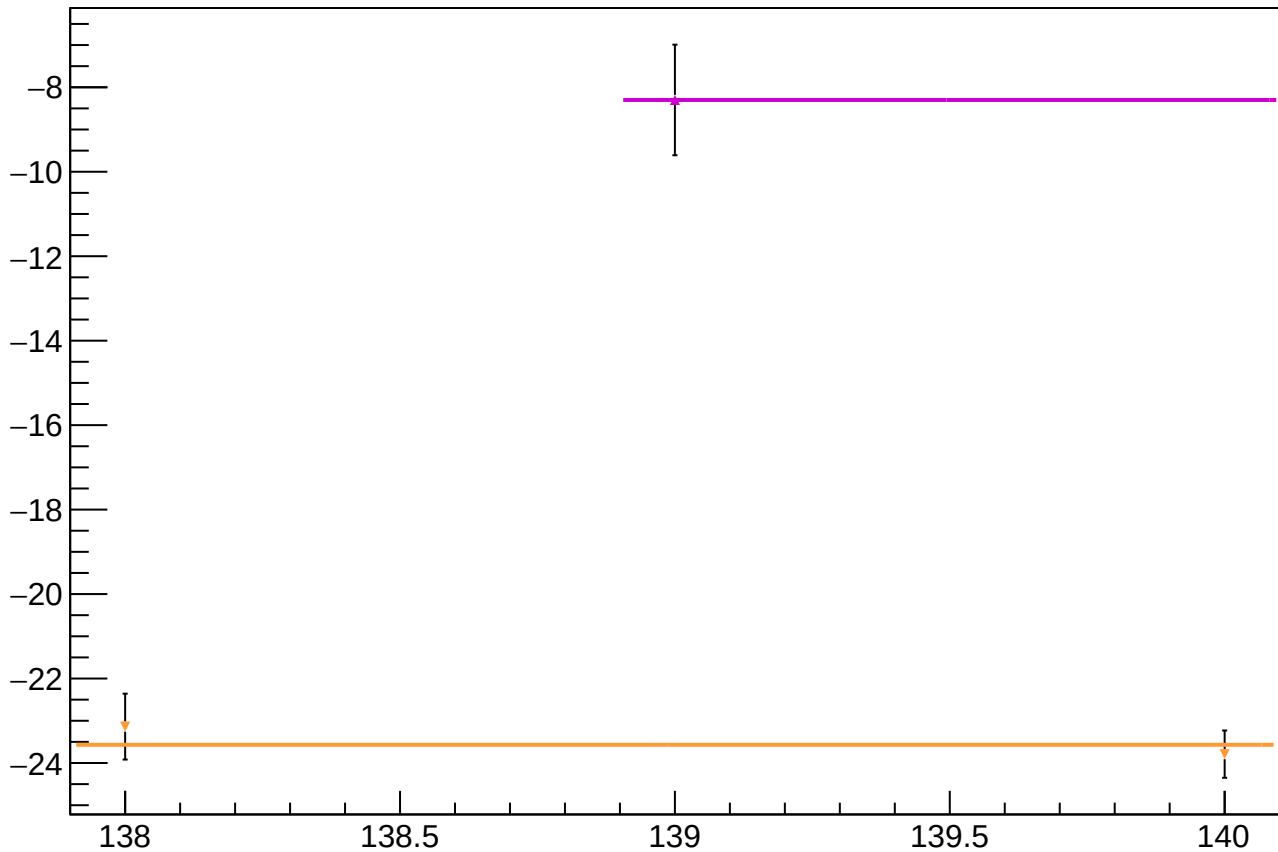
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -71.227+/-0.806 χ^2 /NDF:0.0/0

Out: -55.377+/-0.477 χ^2 /NDF:3.1/1

All: -59.486+/-0.410 χ^2 /NDF: 289.6/2

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: -23.569+/-0.455 χ^2/NDF : 0.5/1

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

Left In: -8.300+/-1.309 χ^2/NDF : 0.0/0

Left: -21.924+/-0.430 χ^2/NDF : 121.8/2

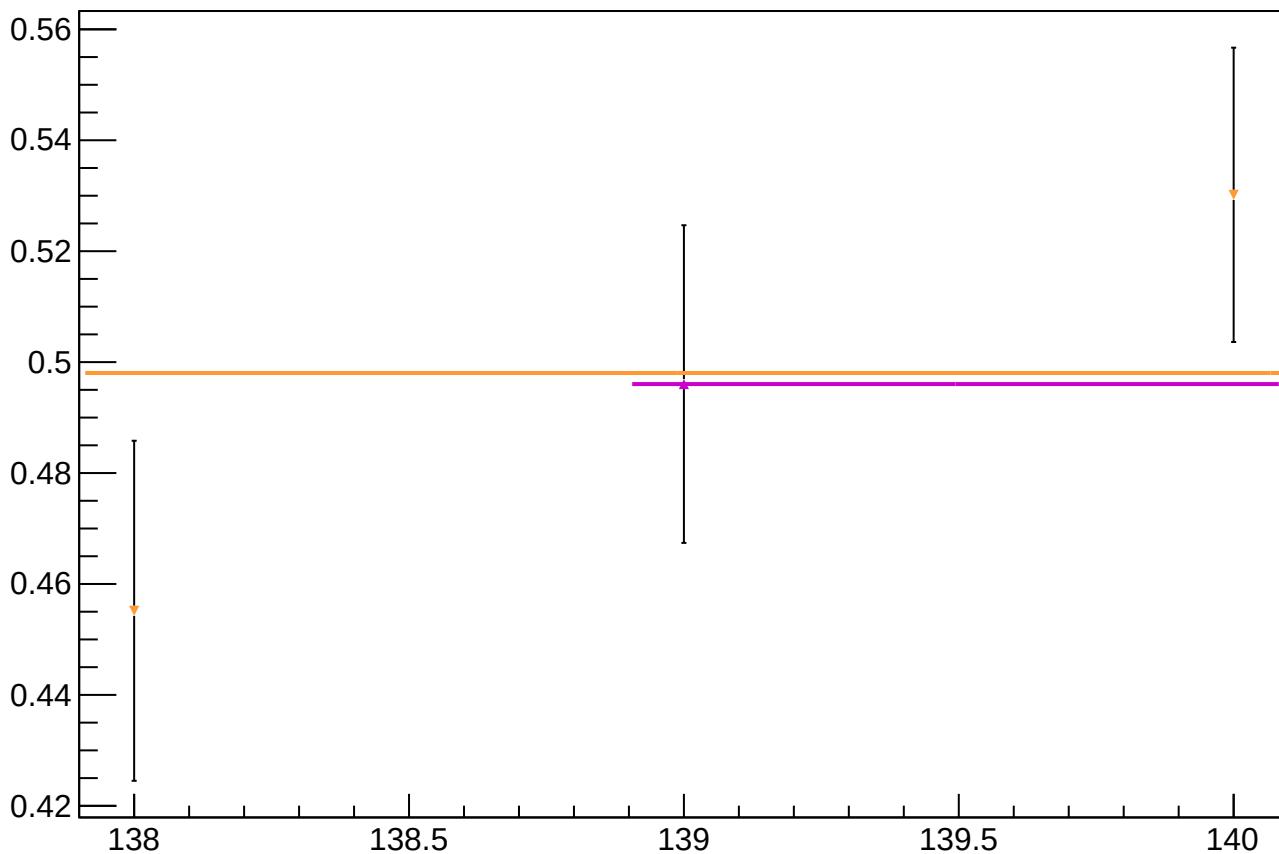
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.300+/-1.309 χ^2/NDF : 0.0/0

Out: -23.569+/-0.455 χ^2/NDF : 0.5/1

All: -21.924+/-0.430 χ^2/NDF : 121.8/2

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.498+/-0.020 χ^2/NDF : 3.4/1

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

Left In: 0.496+/-0.029 χ^2/NDF : 0.0/0

Left: 0.497+/-0.016 χ^2/NDF : 3.4/2

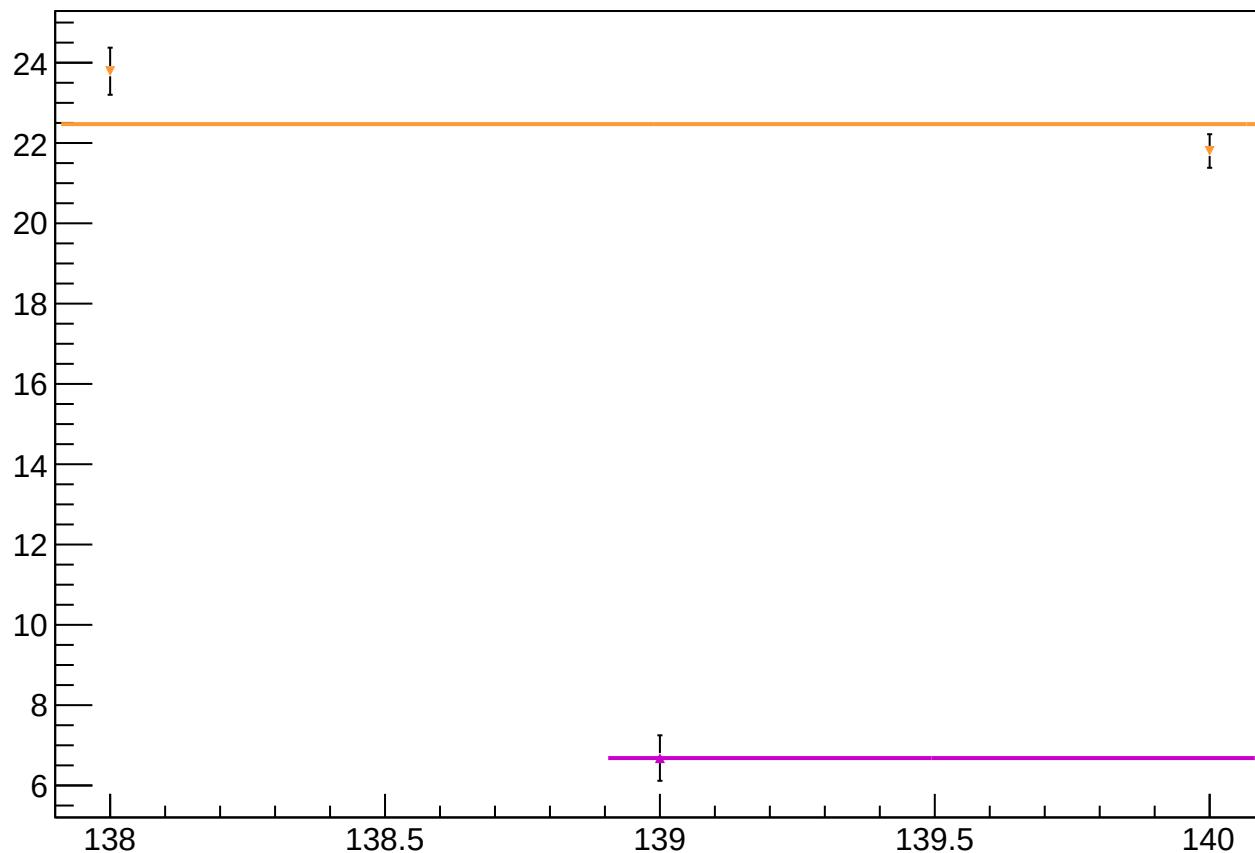
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.496+/-0.029 χ^2/NDF : 0.0/0

Out: 0.498+/-0.020 χ^2/NDF : 3.4/1

All: 0.497+/-0.016 χ^2/NDF : 3.4/2

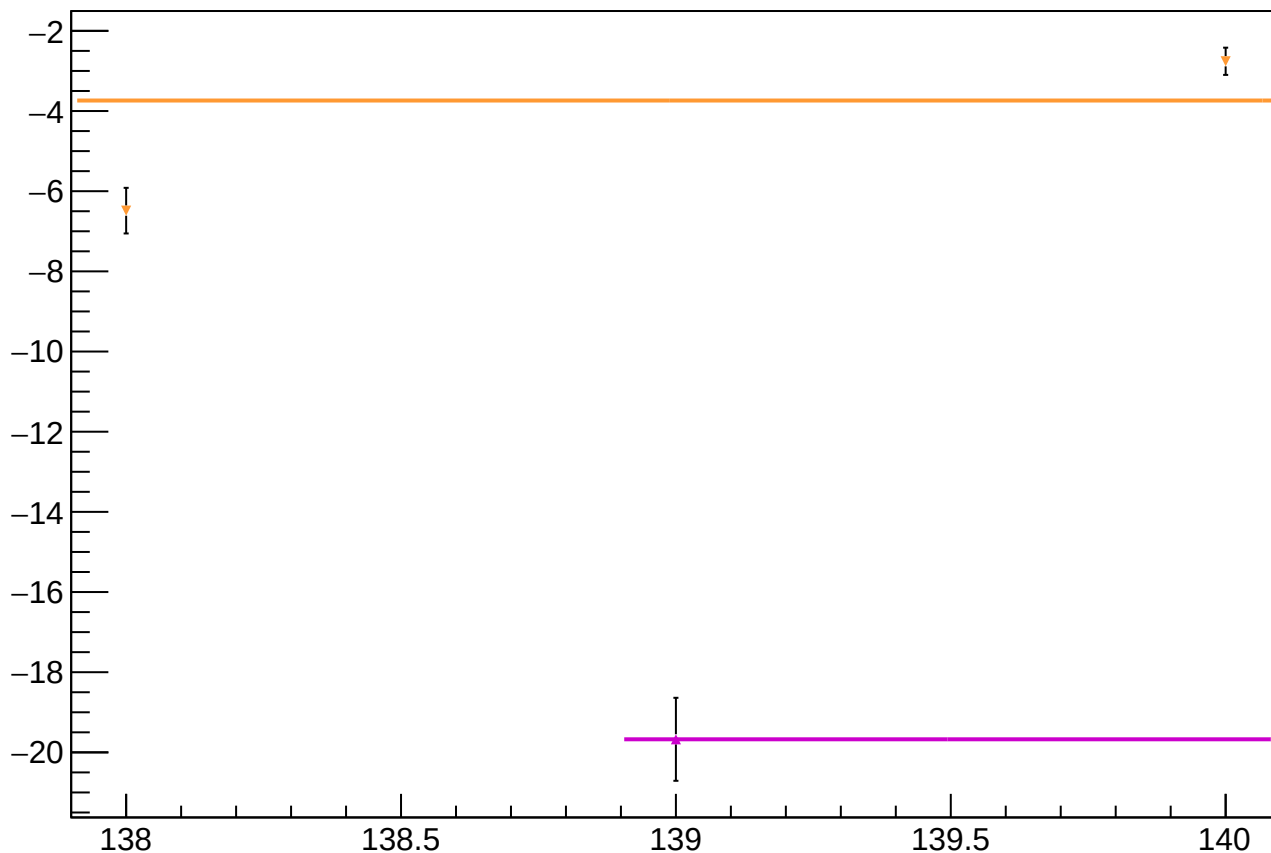
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.471+/-0.341 χ^2/NDF : 7.6/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.682+/-0.566 χ^2/NDF : 0.0/0

Left: 18.277+/-0.292 χ^2/NDF : 578.3/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.682+/-0.566 χ^2/NDF : 0.0/0
 Out: 22.471+/-0.341 χ^2/NDF : 7.6/1
 All: 18.277+/-0.292 χ^2/NDF : 578.3/2

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: -3.738+/-0.292 χ^2/NDF :31.6/1

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

Left In: -19.674+/-1.035 χ^2/NDF :0.0/0

Left: -4.909+/-0.281 χ^2/NDF : 251.1/2

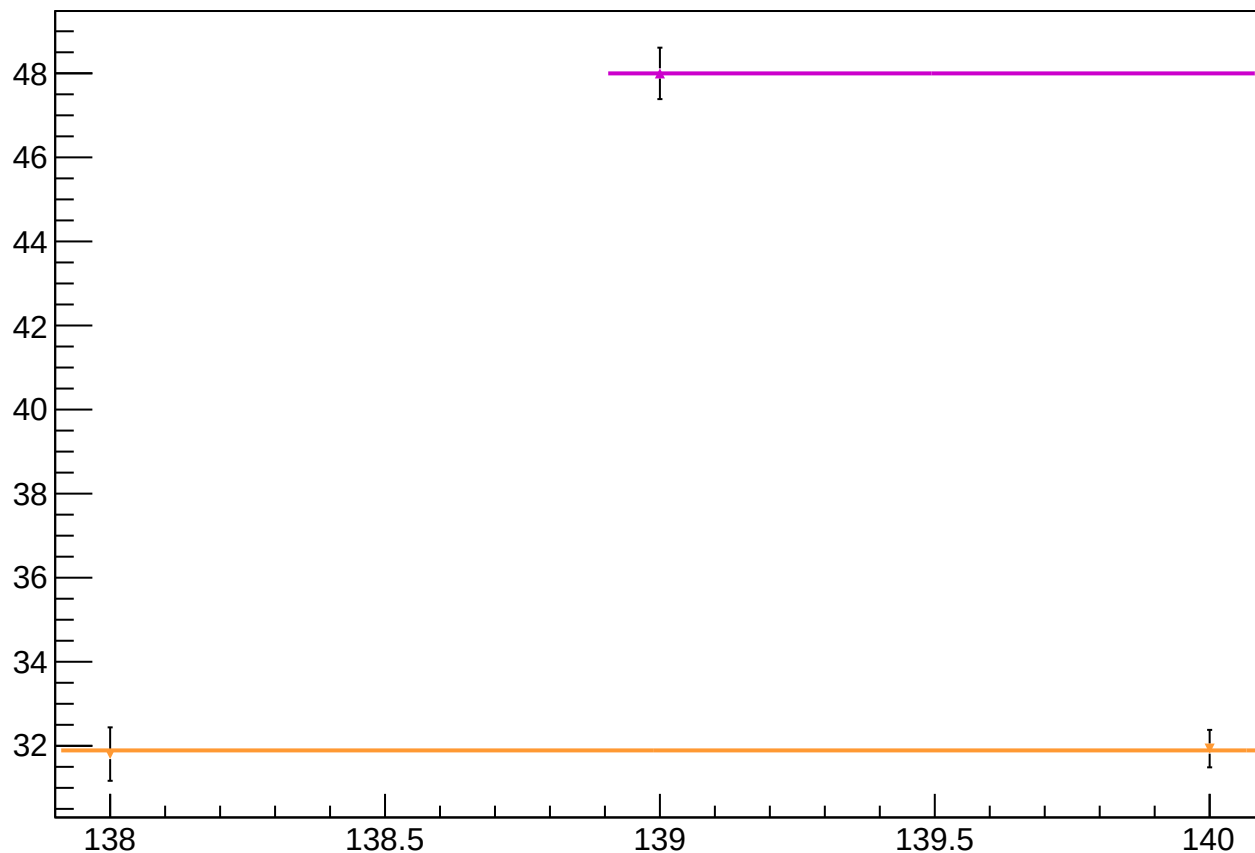
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.674+/-1.035 χ^2/NDF :0.0/0

Out: -3.738+/-0.292 χ^2/NDF :31.6/1

All: -4.909+/-0.281 χ^2/NDF : 251.1/2

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: 31.891+/-0.365 χ^2 /NDF:0.0/1

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

Left In: 47.998+/-0.612 χ^2 /NDF:0.0/0

Left: 36.115+/-0.313 χ^2 /NDF: 511.2/2

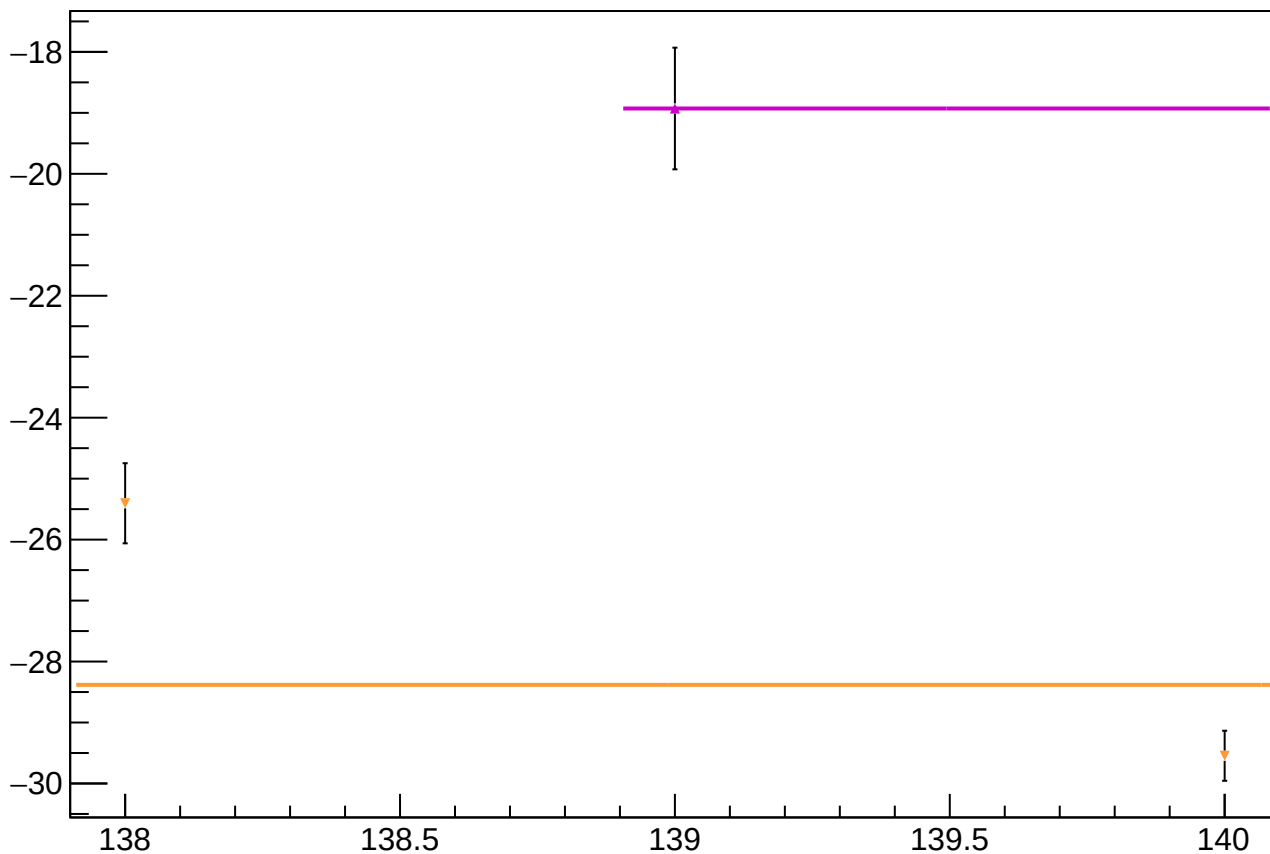
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 47.998+/-0.612 χ^2 /NDF:0.0/0

Out: 31.891+/-0.365 χ^2 /NDF:0.0/1

All: 36.115+/-0.313 χ^2 /NDF: 511.2/2

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: -28.382+/-0.348 χ^2/NDF : 28.6/1

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

Left In: -18.929+/-0.998 χ^2/NDF : 0.0/0

Left: -27.356+/-0.329 χ^2/NDF : 108.6/2

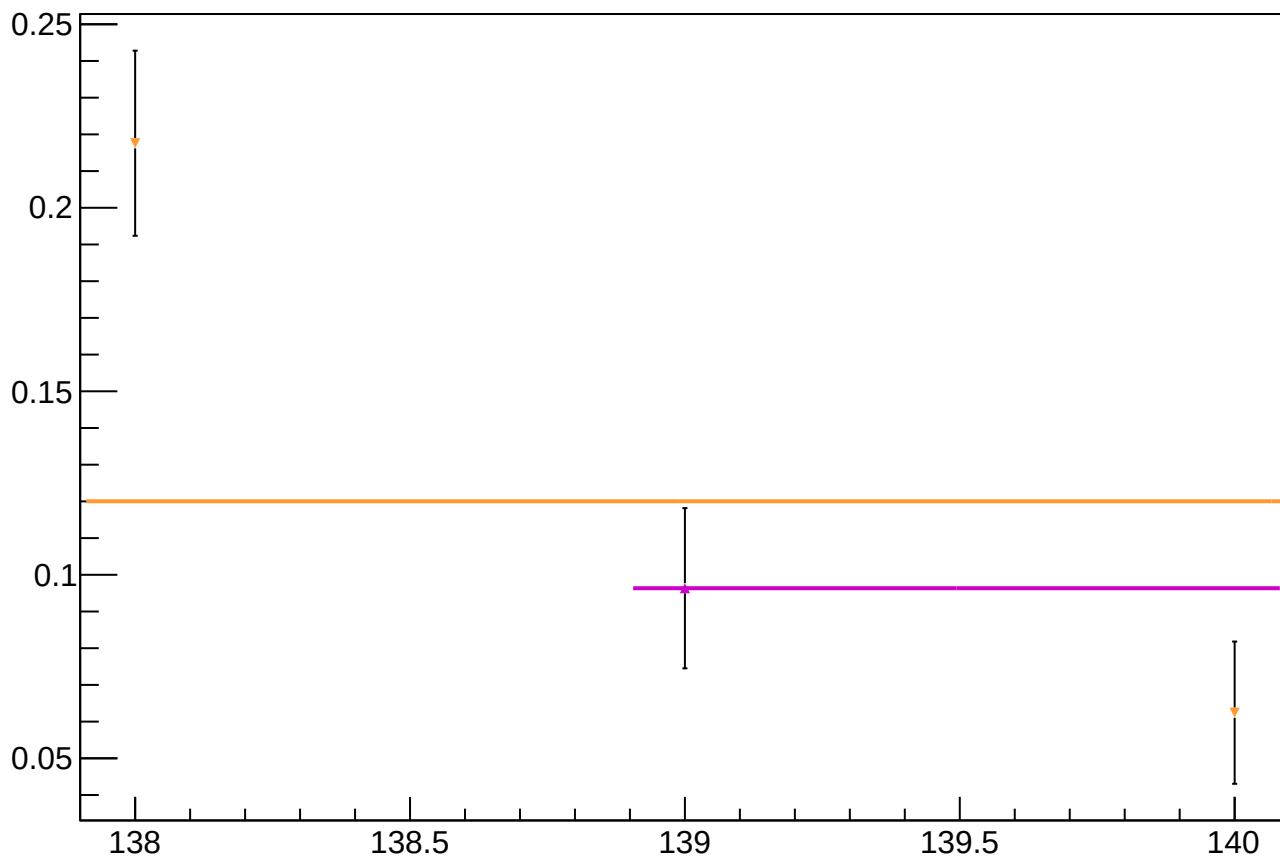
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.929+/-0.998 χ^2/NDF : 0.0/0

Out: -28.382+/-0.348 χ^2/NDF : 28.6/1

All: -27.356+/-0.329 χ^2/NDF : 108.6/2

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.120 $\pm$ 0.015 χ^2 /NDF:23.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.096 $\pm$ 0.022 χ^2 /NDF:0.0/0

Left: 0.112 $\pm$ 0.013 χ^2 /NDF: 24.6/2

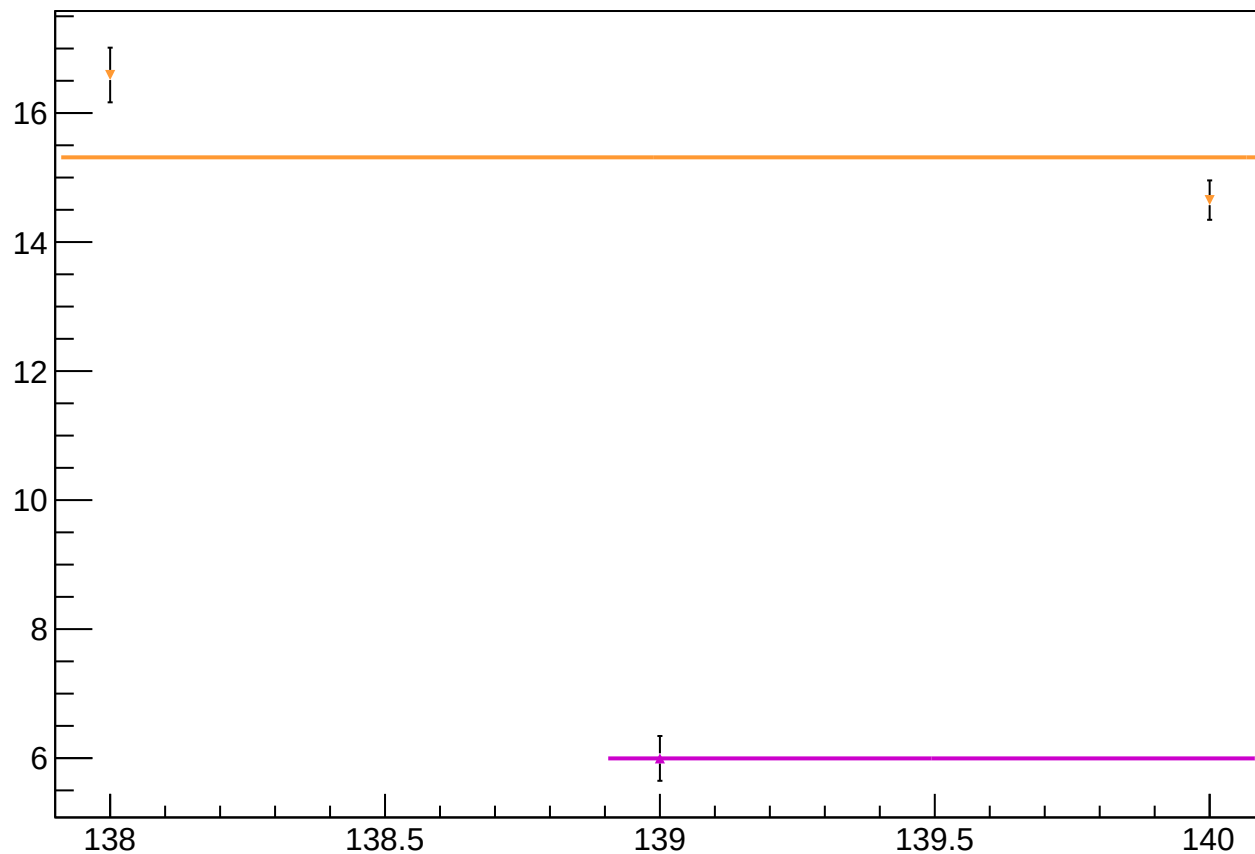
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.096 $\pm$ 0.022 χ^2 /NDF:0.0/0

Out: 0.120 $\pm$ 0.015 χ^2 /NDF:23.8/1

All: 0.112 $\pm$ 0.013 χ^2 /NDF: 24.6/2

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 15.313 $\pm$ 0.248 χ^2 /NDF:13.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 5.996 $\pm$ 0.347 χ^2 /NDF:0.0/0

Left: 12.170 $\pm$ 0.202 χ^2 /NDF: 491.1/2

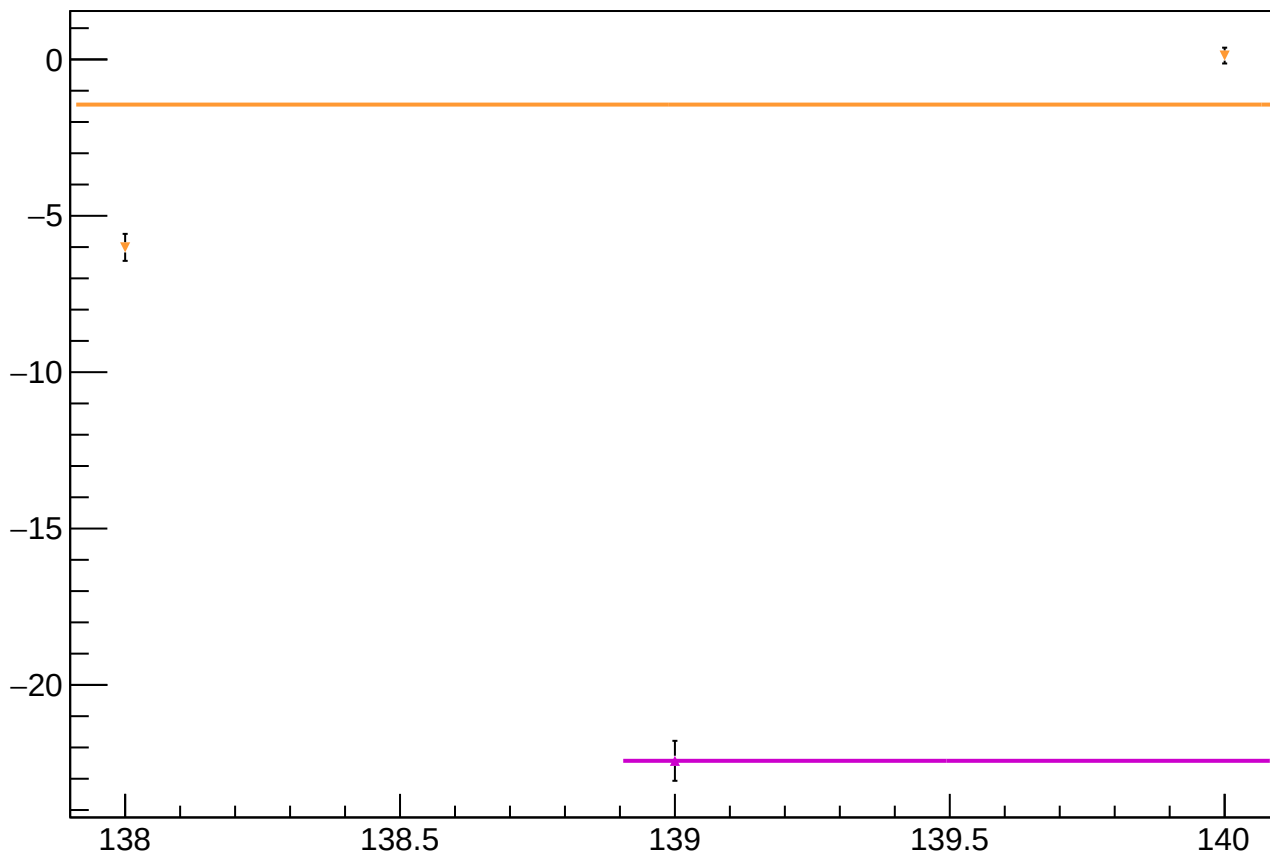
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 5.996 $\pm$ 0.347 χ^2 /NDF:0.0/0

Out: 15.313 $\pm$ 0.248 χ^2 /NDF:13.8/1

All: 12.170 $\pm$ 0.202 χ^2 /NDF: 491.1/2

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: -1.443+/-0.218 χ^2/NDF :150.4/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -22.427+/-0.639 χ^2/NDF :0.0/0

Left: -3.633+/-0.206 χ^2/NDF : 1116.3/2

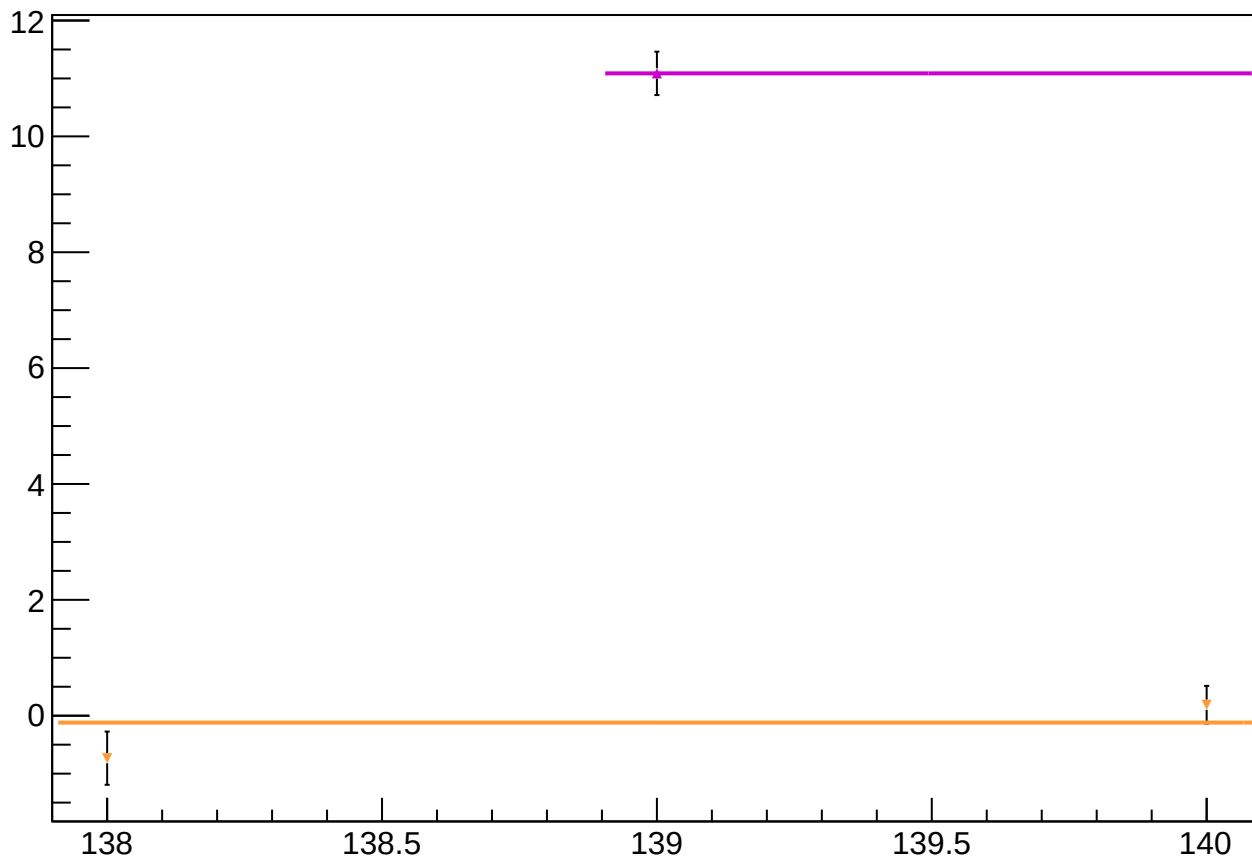
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.427+/-0.639 χ^2/NDF :0.0/0

Out: -1.443+/-0.218 χ^2/NDF :150.4/1

All: -3.633+/-0.206 χ^2/NDF : 1116.3/2

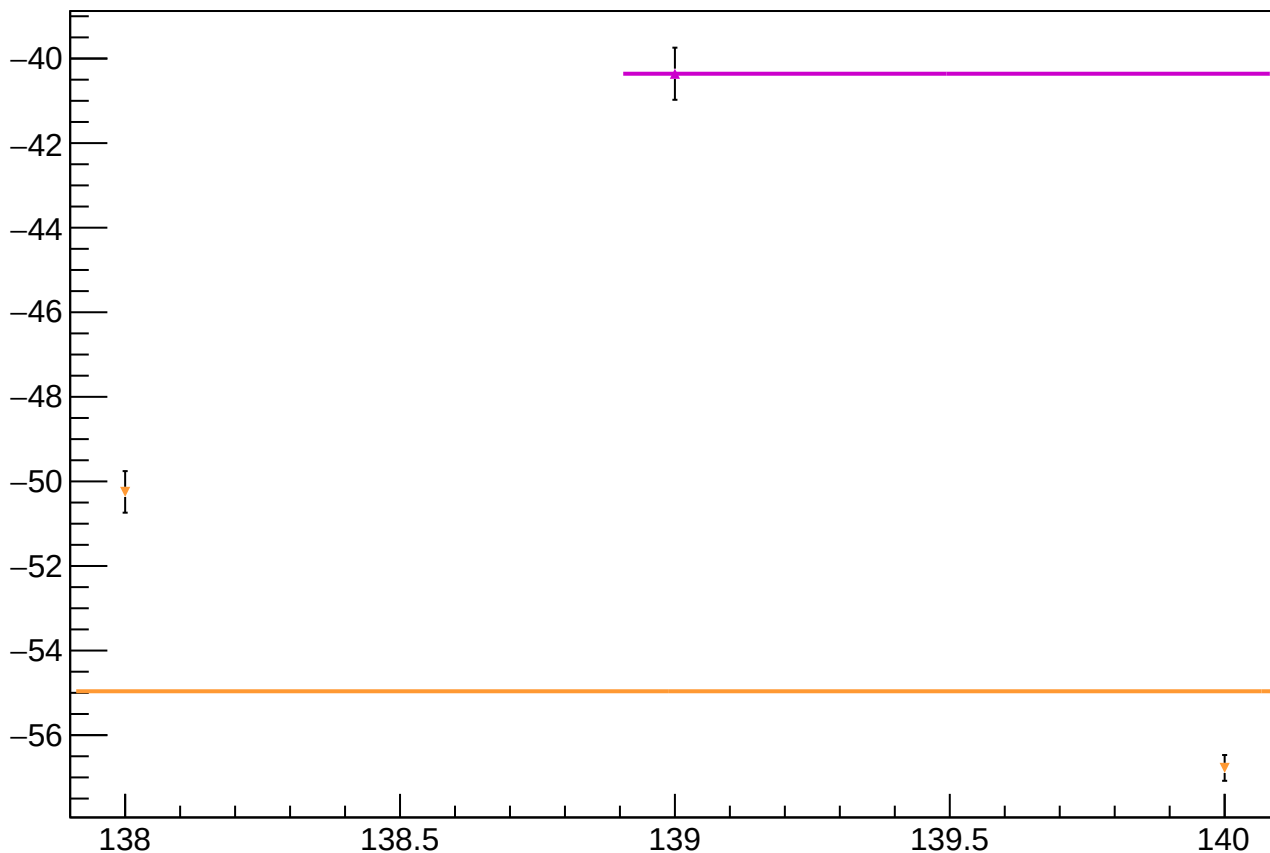
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.119+/-0.265 χ^2/NDF : 2.7/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.088+/-0.375 χ^2/NDF : 0.0/0

Left: 3.628+/-0.217 χ^2/NDF : 598.4/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.088+/-0.375 χ^2/NDF : 0.0/0
 Out: -0.119+/-0.265 χ^2/NDF : 2.7/1
 All: 3.628+/-0.217 χ^2/NDF : 598.4/2

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: -54.963+/-0.259 χ^2/NDF :127.3/1

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

Left In: -40.359+/-0.616 χ^2/NDF :0.0/0

Left: -52.770+/-0.239 χ^2/NDF : 604.5/2

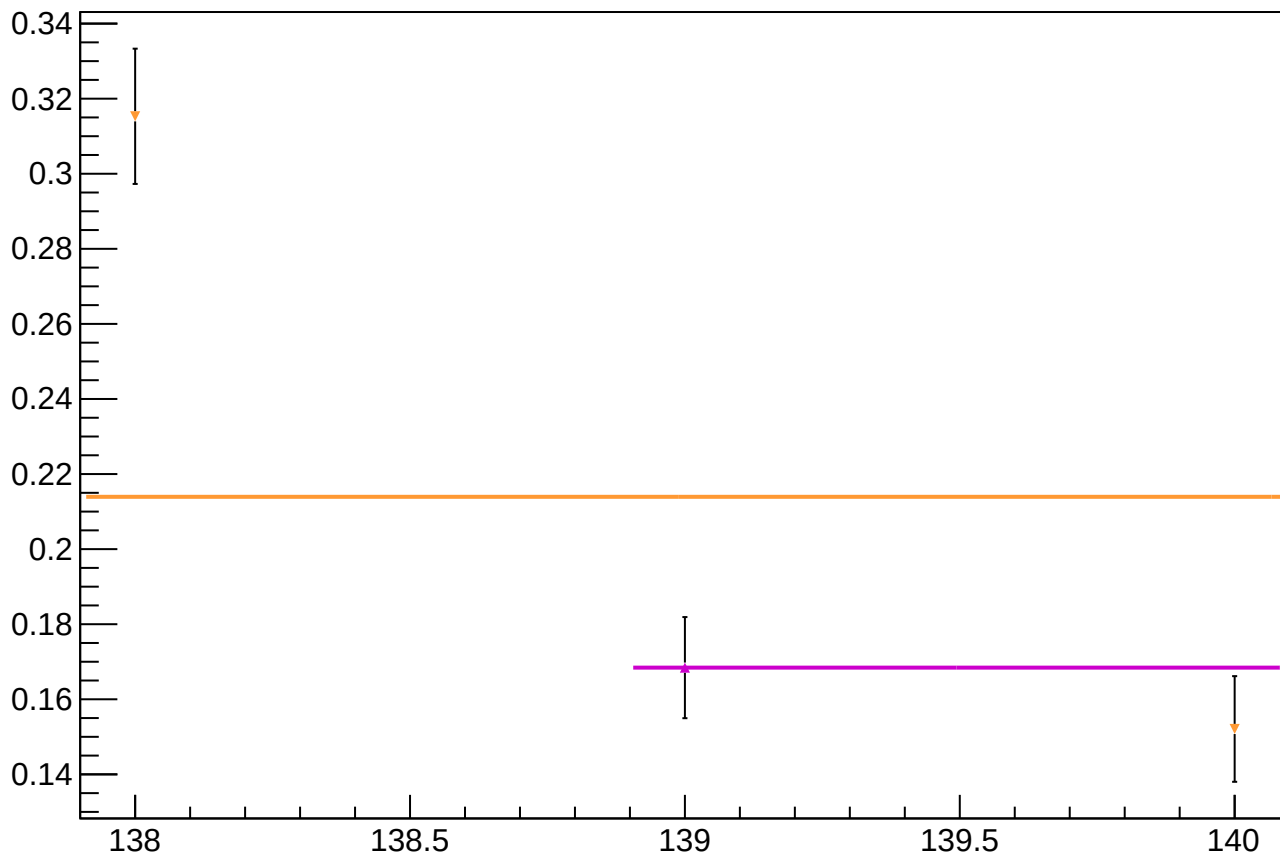
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.359+/-0.616 χ^2/NDF :0.0/0

Out: -54.963+/-0.259 χ^2/NDF :127.3/1

All: -52.770+/-0.239 χ^2/NDF : 604.5/2

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: 0.214 $\pm$ 0.011 χ^2/NDF : 51.0/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.168 $\pm$ 0.013 χ^2/NDF : 0.0/0

Left: 0.196 $\pm$ 0.009 χ^2/NDF : 57.8/2

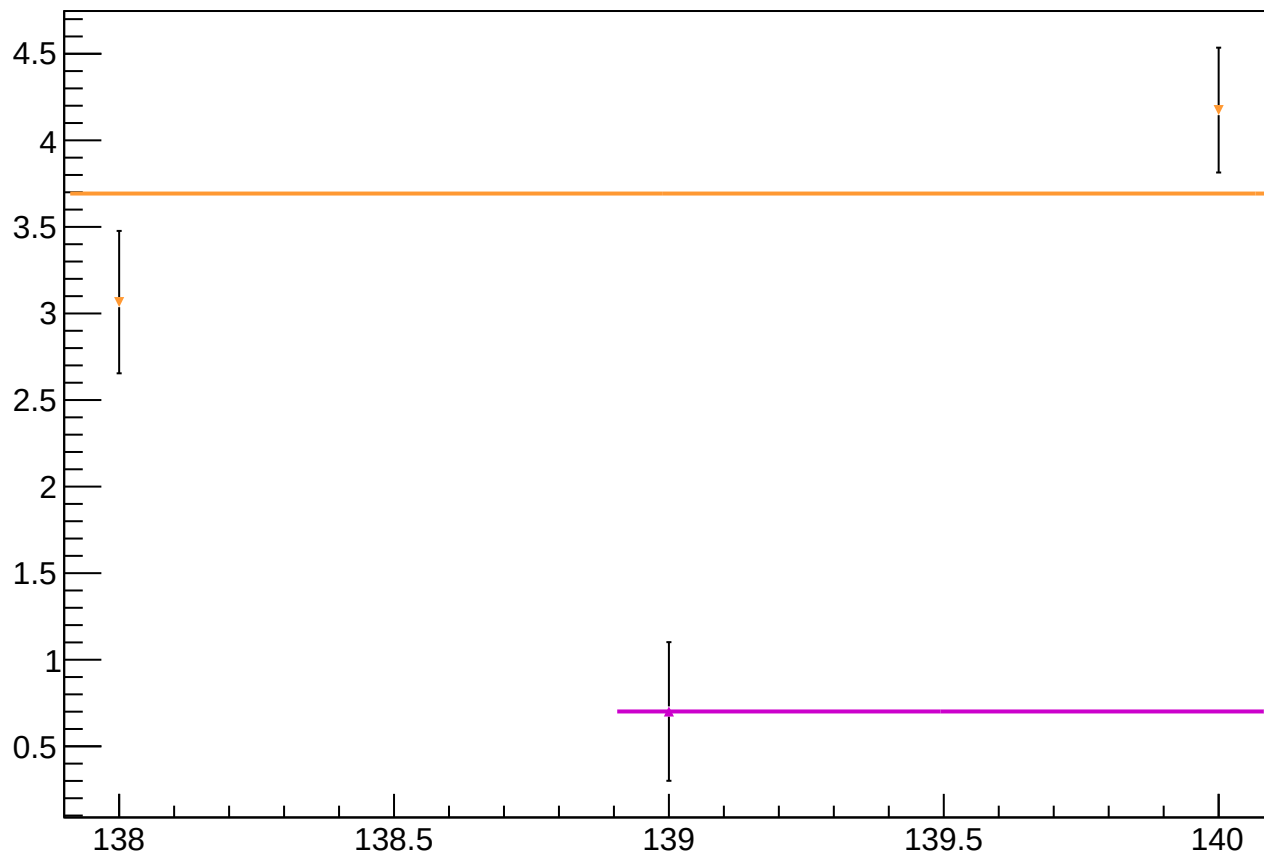
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 0.168 $\pm$ 0.013 χ^2/NDF : 0.0/0

Out: 0.214 $\pm$ 0.011 χ^2/NDF : 51.0/1

All: 0.196 $\pm$ 0.009 χ^2/NDF : 57.8/2

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.693+/-0.271 χ^2/NDF : 4.1/1

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

Left In: 0.701+/-0.400 χ^2/NDF : 0.0/0

Left: 2.753+/-0.224 χ^2/NDF : 42.4/2

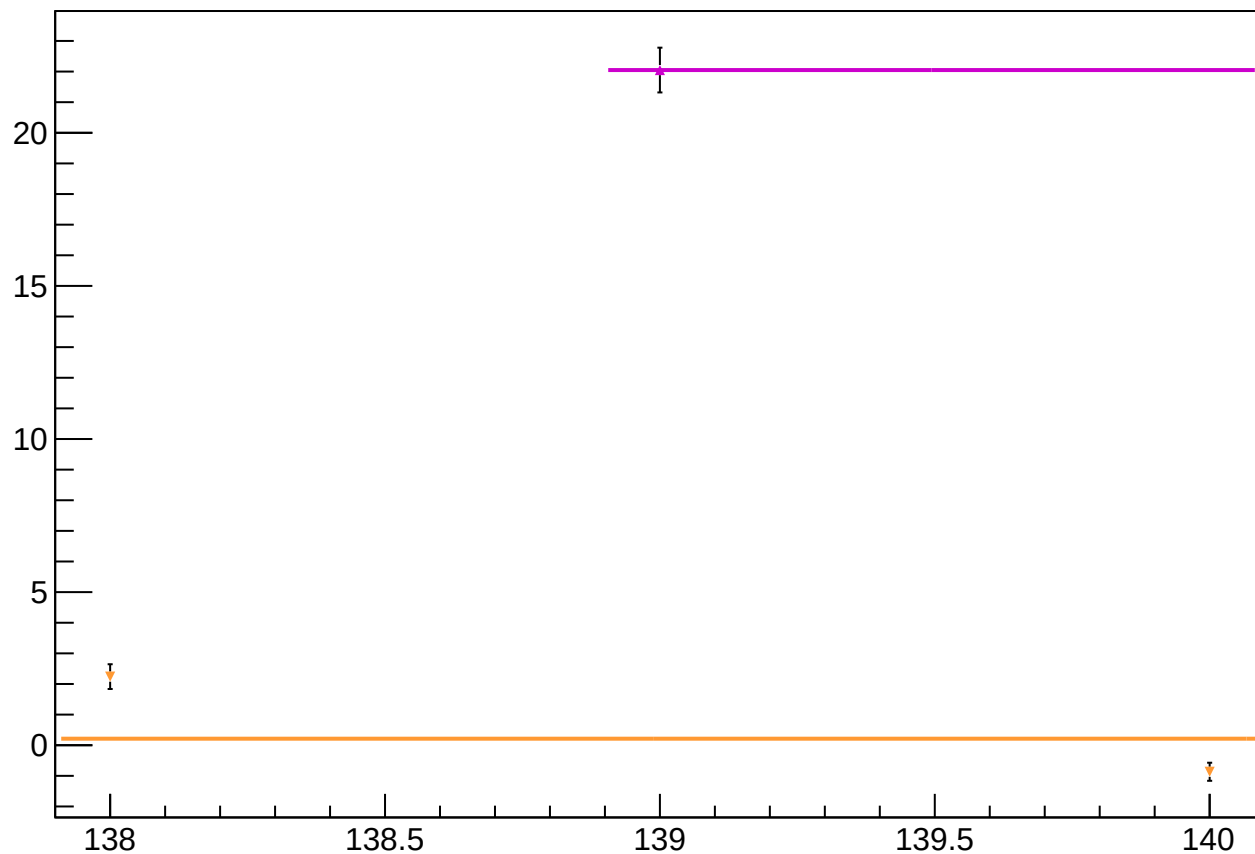
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.701+/-0.400 χ^2/NDF : 0.0/0

Out: 3.693+/-0.271 χ^2/NDF : 4.1/1

All: 2.753+/-0.224 χ^2/NDF : 42.4/2

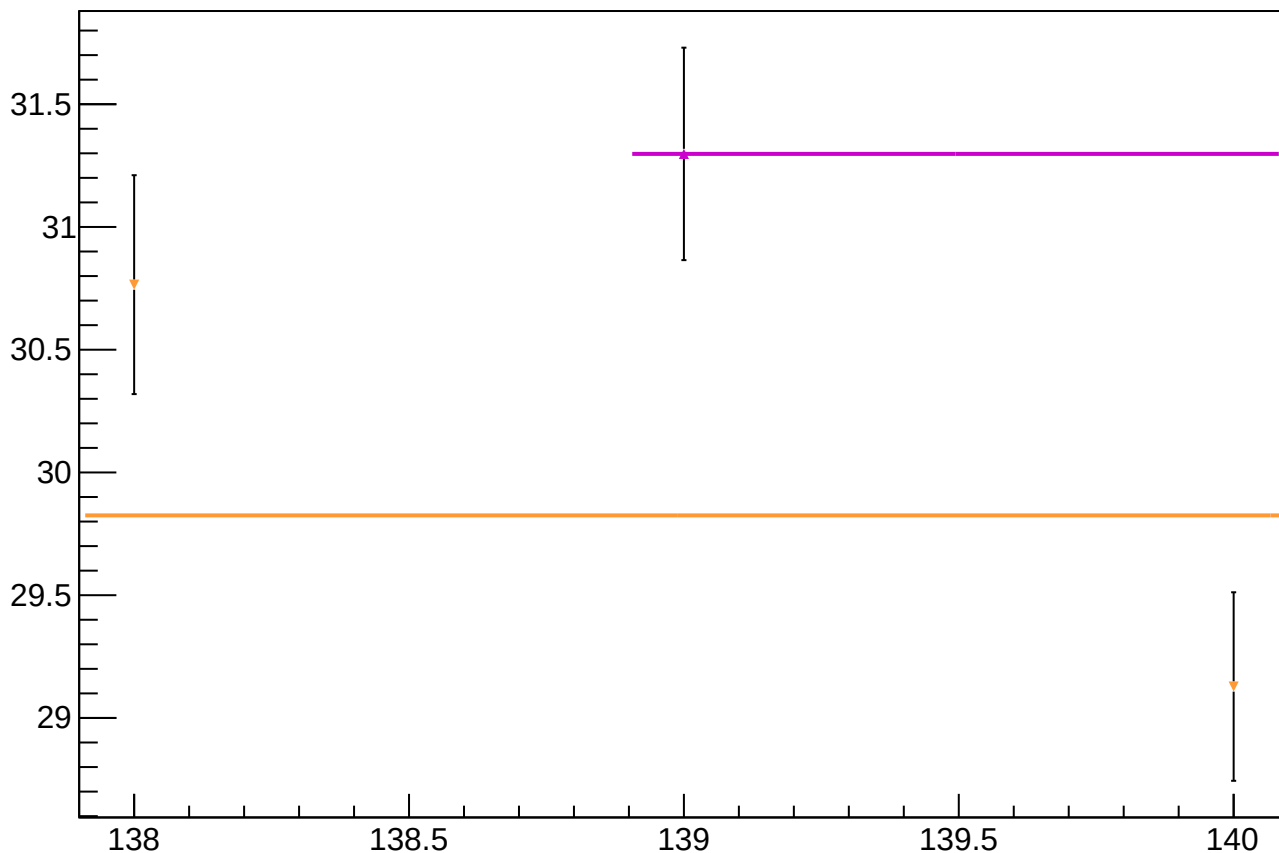
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.214 $\pm$ 0.238 χ^2 /NDF:38.6/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 22.049 $\pm$ 0.731 χ^2 /NDF:0.0/0

Left: 2.311 $\pm$ 0.227 χ^2 /NDF: 845.0/2
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 22.049 $\pm$ 0.731 χ^2 /NDF:0.0/0
 Out: 0.214 $\pm$ 0.238 χ^2 /NDF:38.6/1
 All: 2.311 $\pm$ 0.227 χ^2 /NDF: 845.0/2

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 29.825+/-0.291 χ^2/NDF : 7.7/1

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

Left In: 31.298+/-0.433 χ^2/NDF : 0.0/0

Left: 30.284+/-0.241 χ^2/NDF : 15.7/2

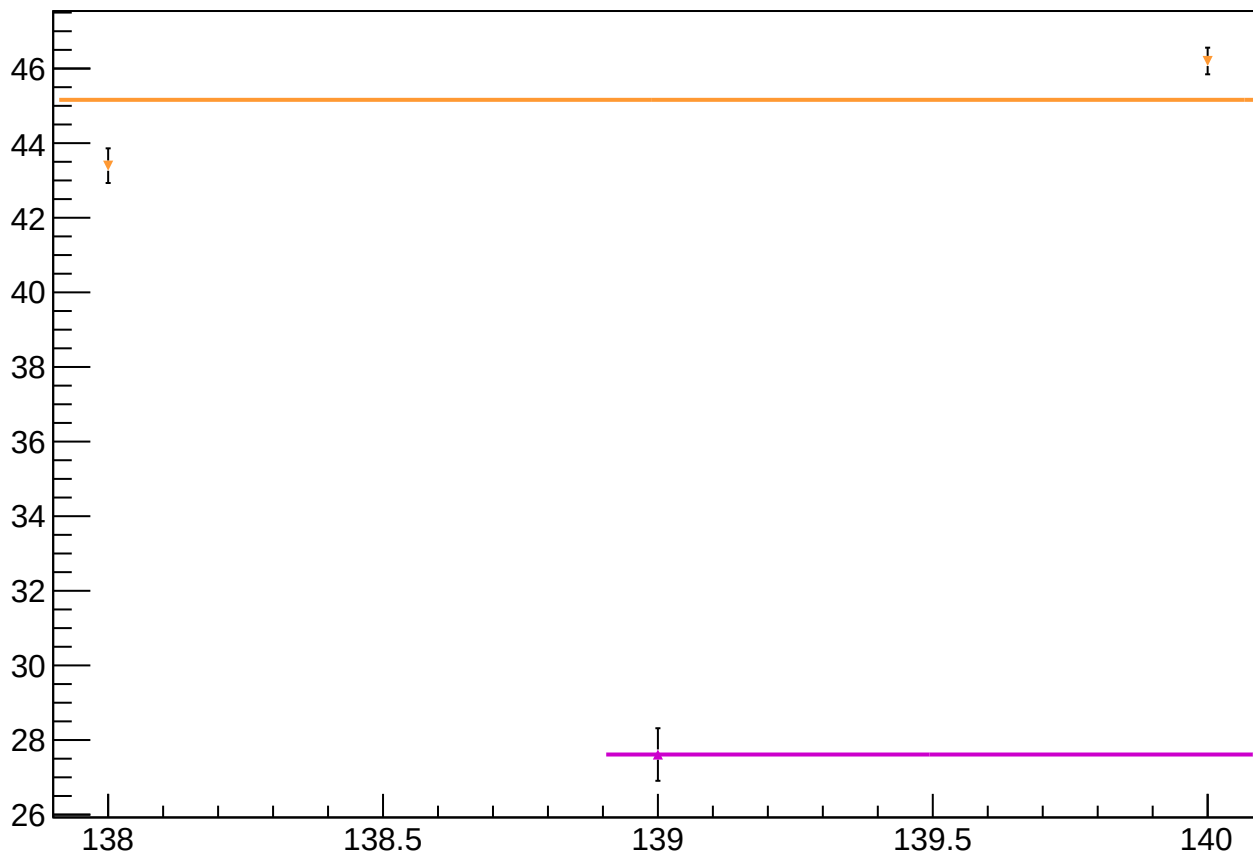
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 31.298+/-0.433 χ^2/NDF : 0.0/0

Out: 29.825+/-0.291 χ^2/NDF : 7.7/1

All: 30.284+/-0.241 χ^2/NDF : 15.7/2

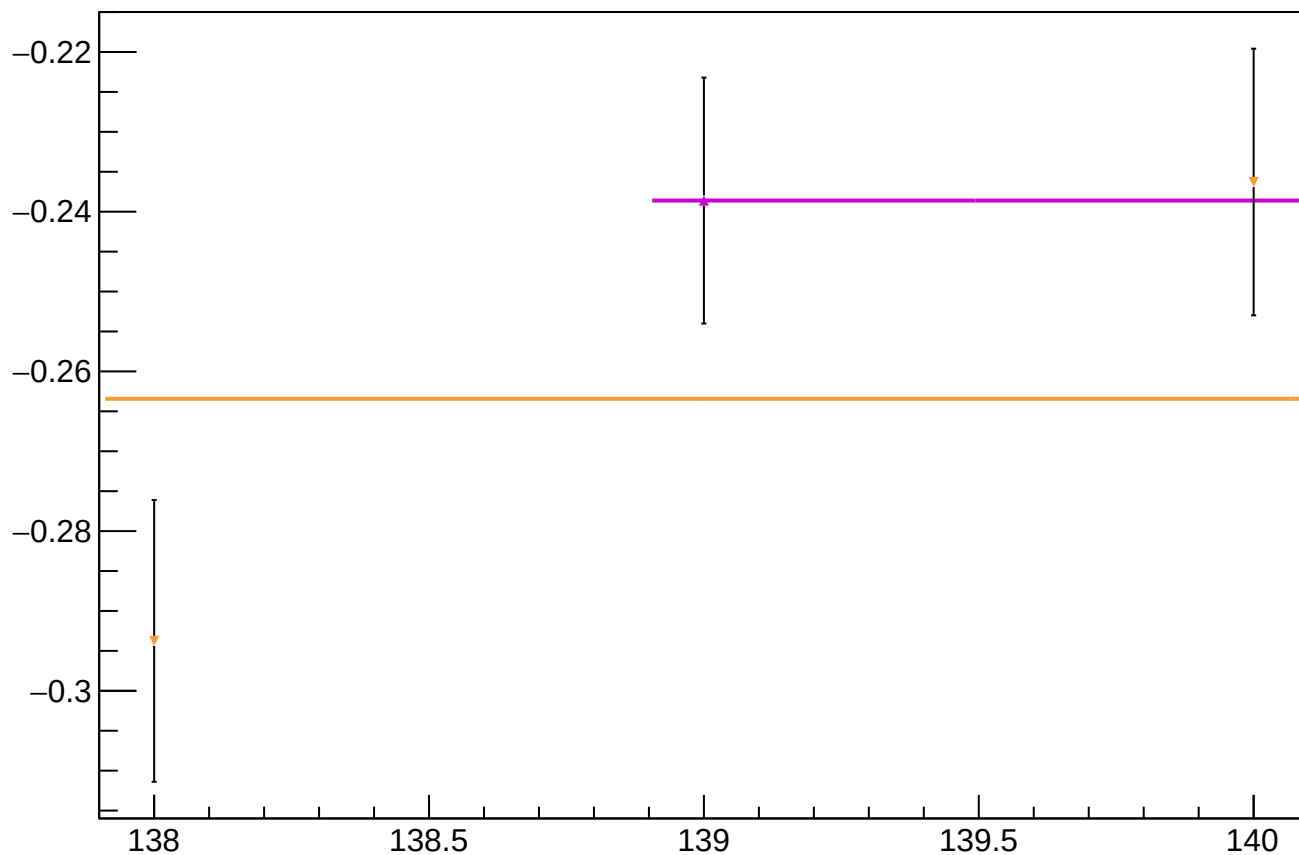
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 45.161+/-0.283 χ^2/NDF :22.9/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 27.612+/-0.705 χ^2/NDF :0.0/0

Left: 42.723+/-0.263 χ^2/NDF : 557.1/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 27.612+/-0.705 χ^2/NDF :0.0/0
 Out: 45.161+/-0.283 χ^2/NDF :22.9/1
 All: 42.723+/-0.263 χ^2/NDF : 557.1/2

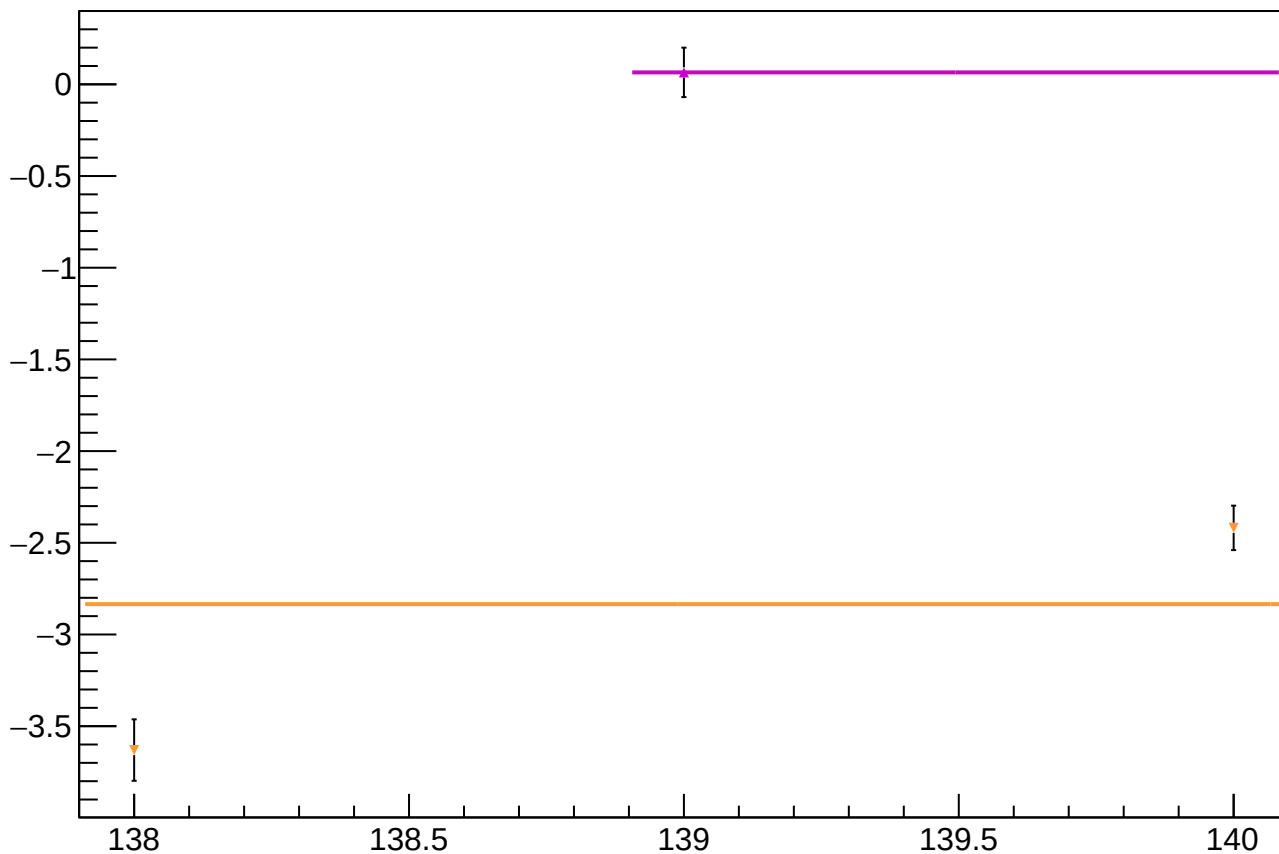
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.263+/-0.012 χ^2 /NDF:5.6/1
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -0.239+/-0.015 χ^2 /NDF:0.0/0

Left: -0.254+/-0.010 χ^2 /NDF: 7.2/2
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -0.239+/-0.015 χ^2 /NDF:0.0/0
 Out: -0.263+/-0.012 χ^2 /NDF:5.6/1
 All: -0.254+/-0.010 χ^2 /NDF: 7.2/2

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: -2.835+/-0.098 χ^2/NDF : 34.4/1

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

Left In: 0.065+/-0.135 χ^2/NDF : 0.0/0

Left: -1.830+/-0.079 χ^2/NDF : 336.8/2

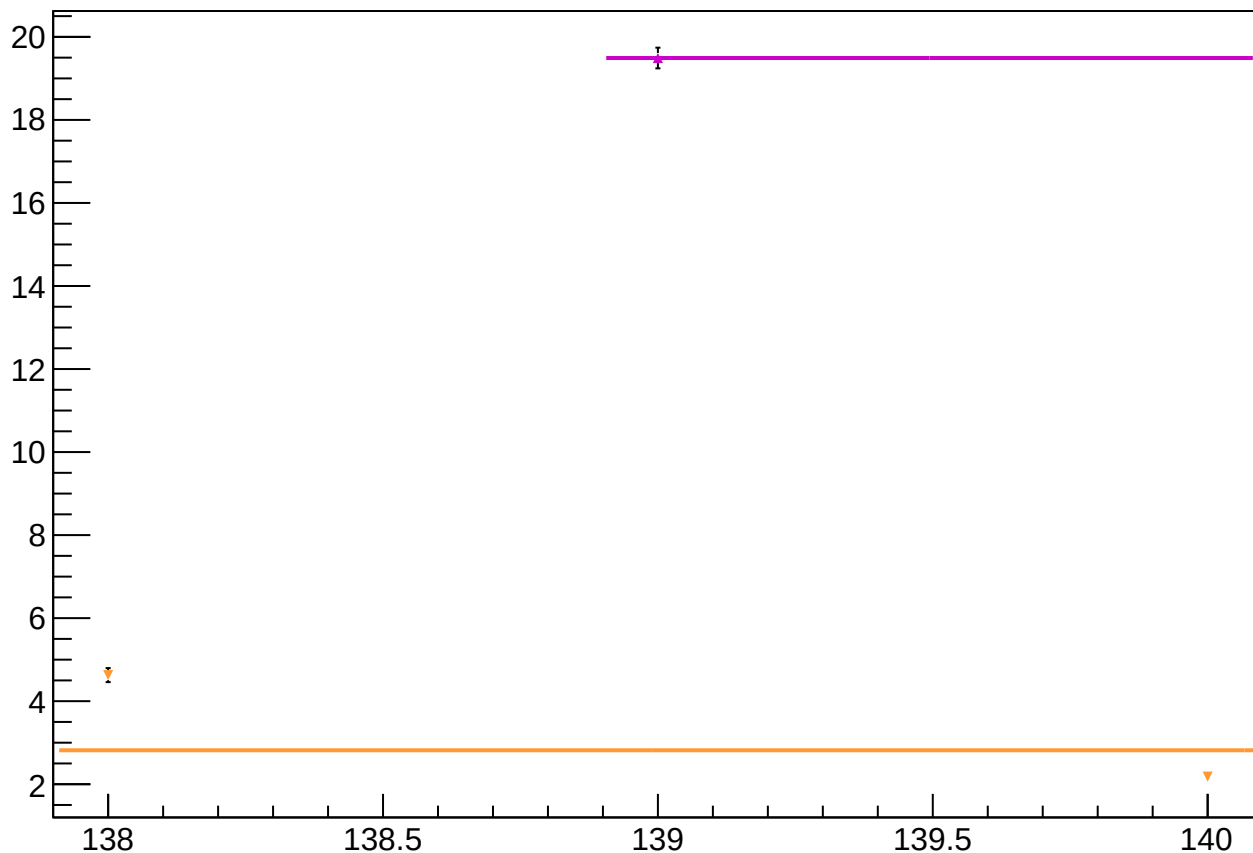
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.065+/-0.135 χ^2/NDF : 0.0/0

Out: -2.835+/-0.098 χ^2/NDF : 34.4/1

All: -1.830+/-0.079 χ^2/NDF : 336.8/2

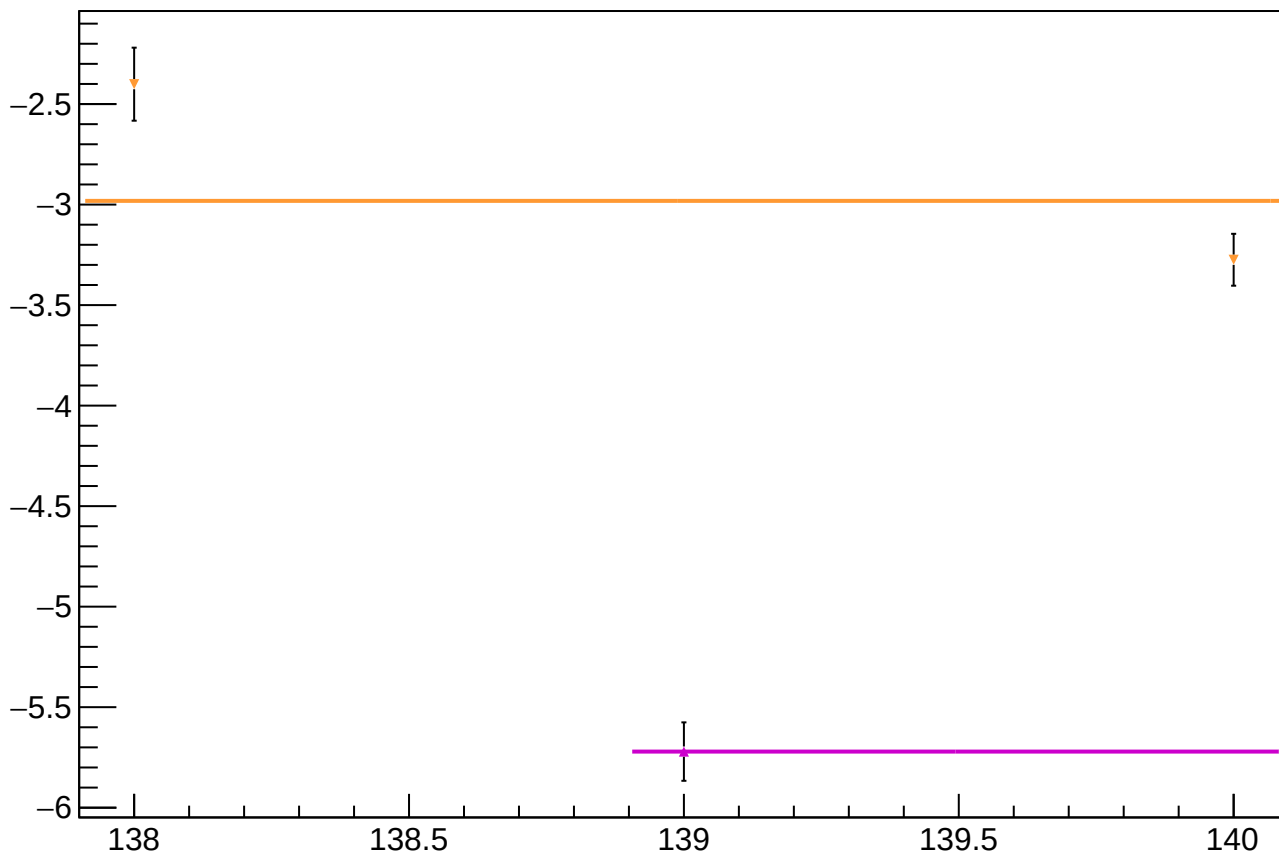
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.817+/-0.086 χ^2/NDF :154.8/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.491+/-0.249 χ^2/NDF :0.0/0

Left: 4.599+/-0.081 χ^2/NDF : 4153.4/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.491+/-0.249 χ^2/NDF :0.0/0
 Out: 2.817+/-0.086 χ^2/NDF :154.8/1
 All: 4.599+/-0.081 χ^2/NDF : 4153.4/2

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: -2.982+/-0.105 χ^2/NDF :15.4/1

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

Left In: -5.721+/-0.145 χ^2/NDF :0.0/0

Left: -3.923+/-0.085 χ^2/NDF : 248.5/2

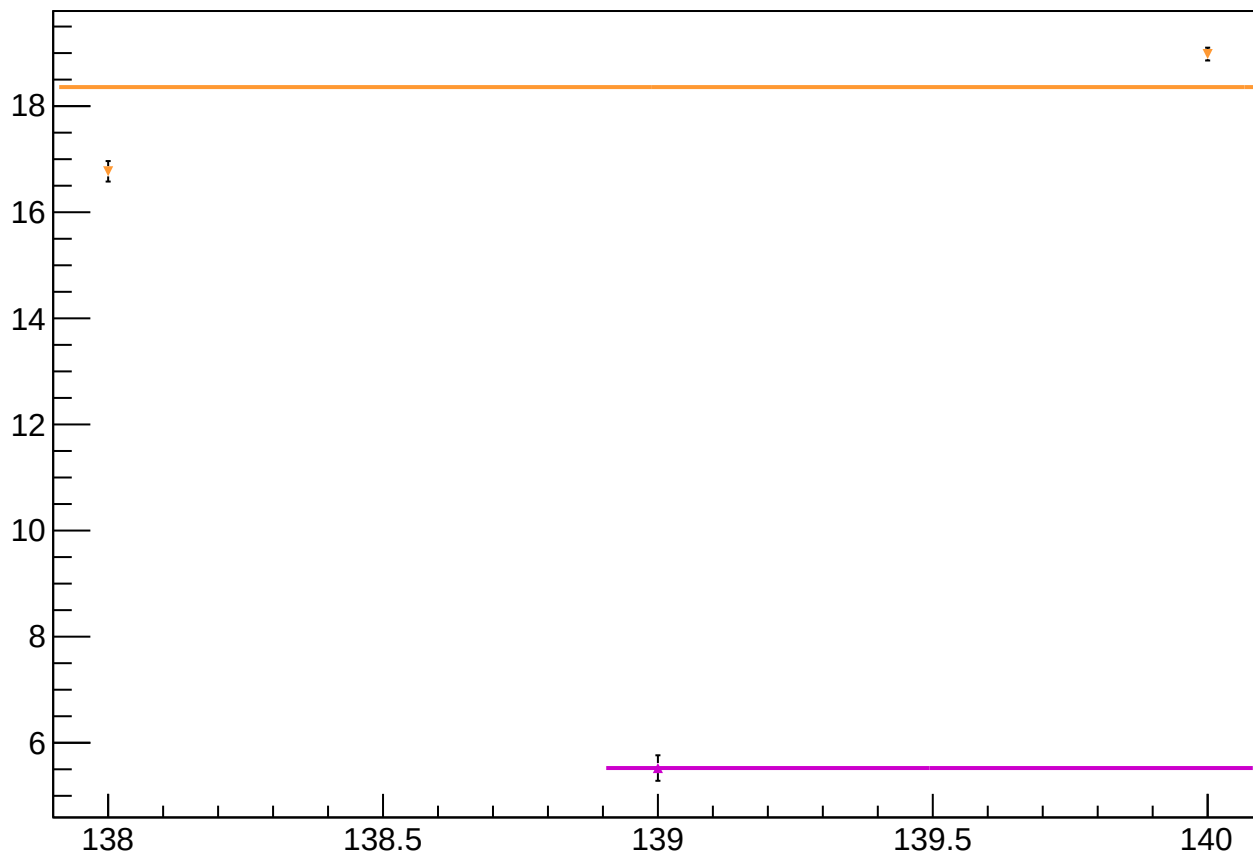
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.721+/-0.145 χ^2/NDF :0.0/0

Out: -2.982+/-0.105 χ^2/NDF :15.4/1

All: -3.923+/-0.085 χ^2/NDF : 248.5/2

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 18.359+/-0.102 χ^2/NDF :94.0/1

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

Left In: 5.524+/-0.240 χ^2/NDF :0.0/0

Left: 16.386+/-0.094 χ^2/NDF : 2505.2/2

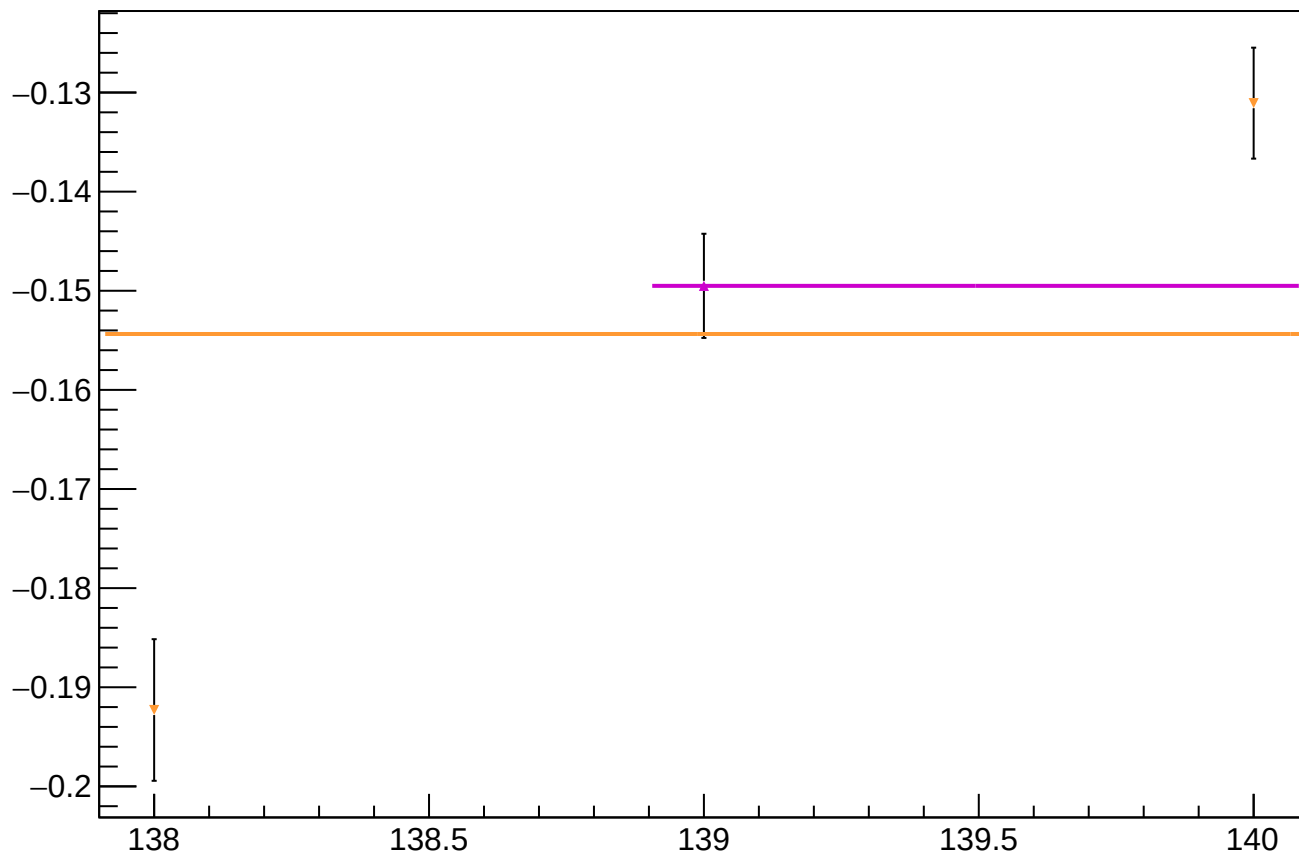
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.524+/-0.240 χ^2/NDF :0.0/0

Out: 18.359+/-0.102 χ^2/NDF :94.0/1

All: 16.386+/-0.094 χ^2/NDF : 2505.2/2

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: -0.154 ± 0.004 χ^2/NDF : 45.5/1

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -0.150 ± 0.005 χ^2/NDF : 0.0/0

Left: -0.152 ± 0.003 χ^2/NDF : 46.0/2

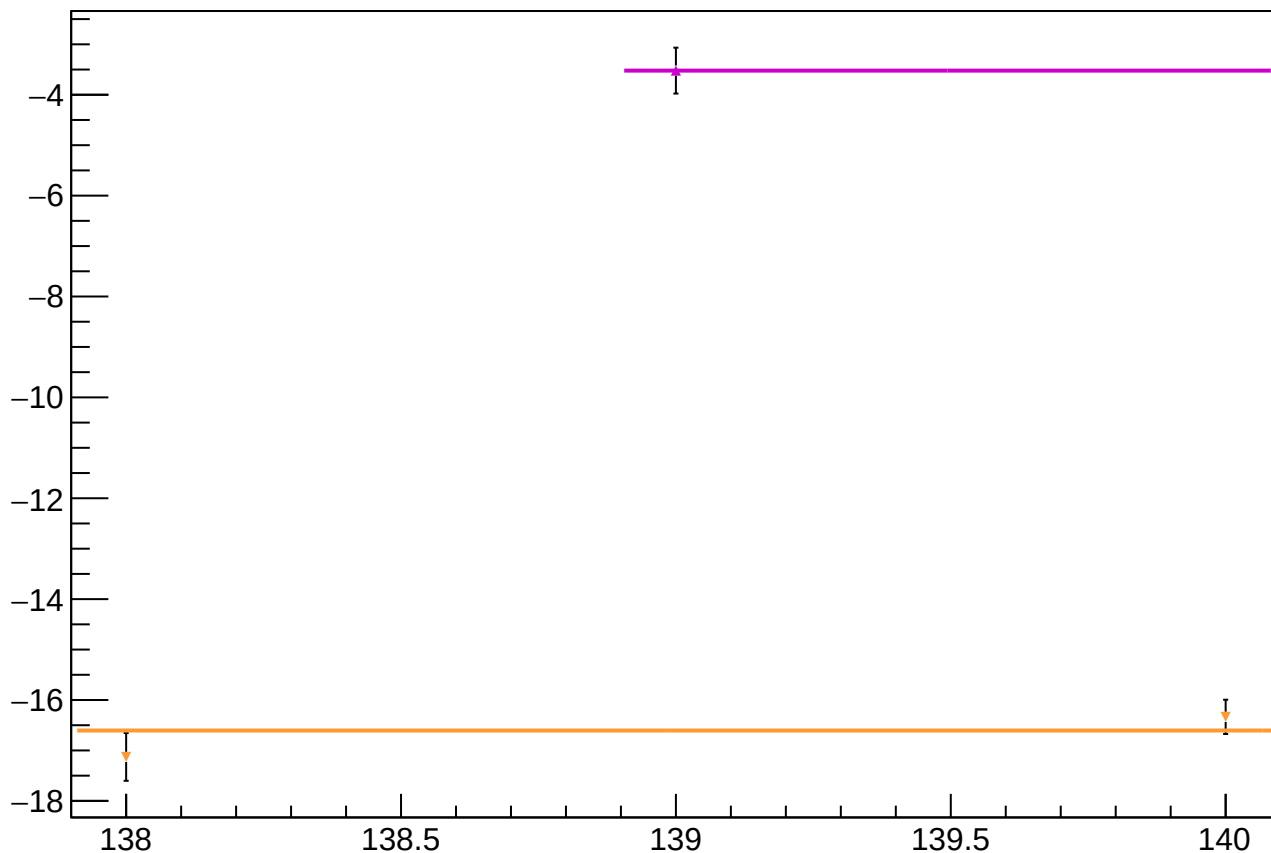
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.150 ± 0.005 χ^2/NDF : 0.0/0

Out: -0.154 ± 0.004 χ^2/NDF : 45.5/1

All: -0.152 ± 0.003 χ^2/NDF : 46.0/2

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: -16.605+/-0.276 χ^2/NDF : 1.9/1

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

Left In: -3.521+/-0.455 χ^2/NDF : 0.0/0

Left: -13.079+/-0.236 χ^2/NDF : 606.4/2

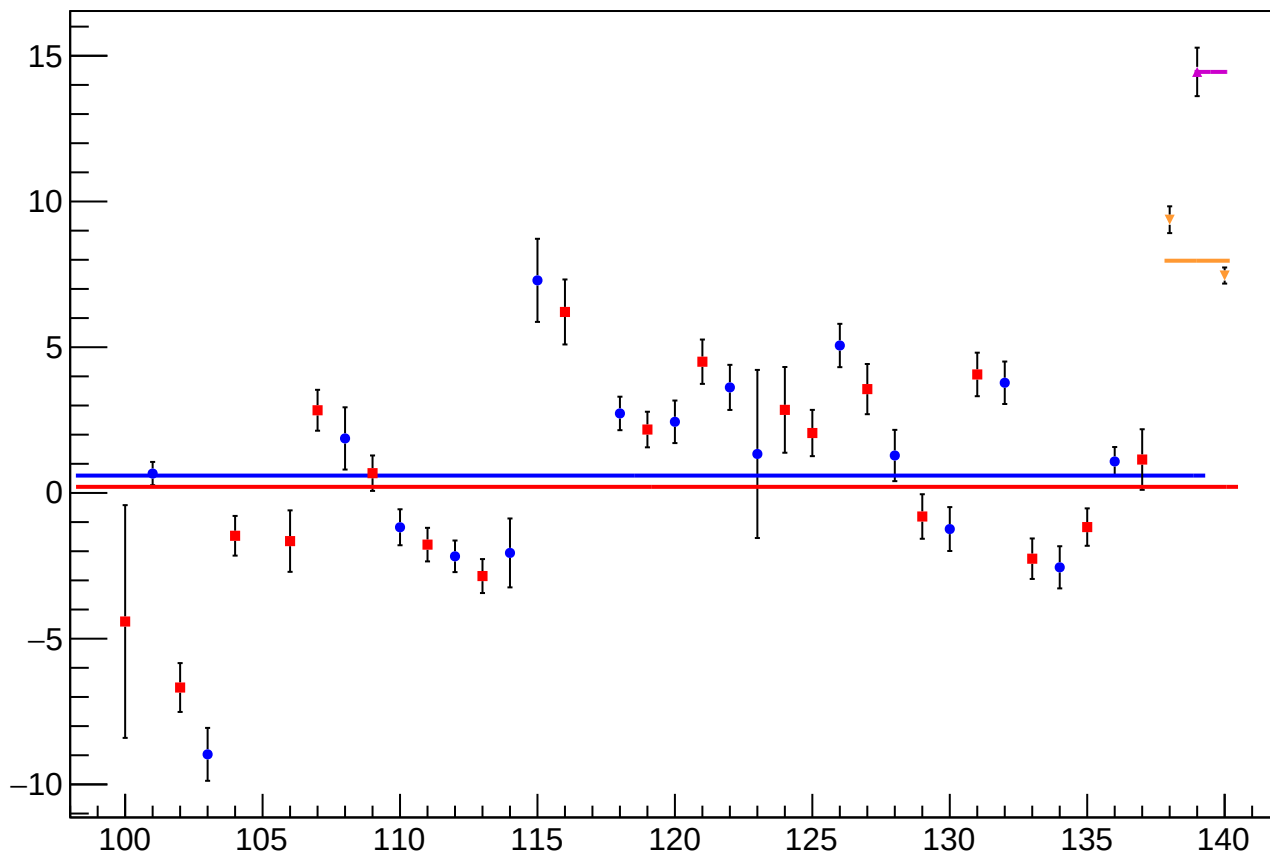
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.521+/-0.455 χ^2/NDF : 0.0/0

Out: -16.605+/-0.276 χ^2/NDF : 1.9/1

All: -13.079+/-0.236 χ^2/NDF : 606.4/2

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596 $\pm$ 0.169 χ^2 /NDF: 291.2/16

Left Out: 7.968 $\pm$ 0.237 χ^2 /NDF:12.8/1

Right Out: 0.209 $\pm$ 0.175 χ^2 /NDF: 273.5/18

Left In: 14.446 $\pm$ 0.832 χ^2 /NDF:0.0/0

Left: 8.454 $\pm$ 0.228 χ^2 /NDF: 68.9/2

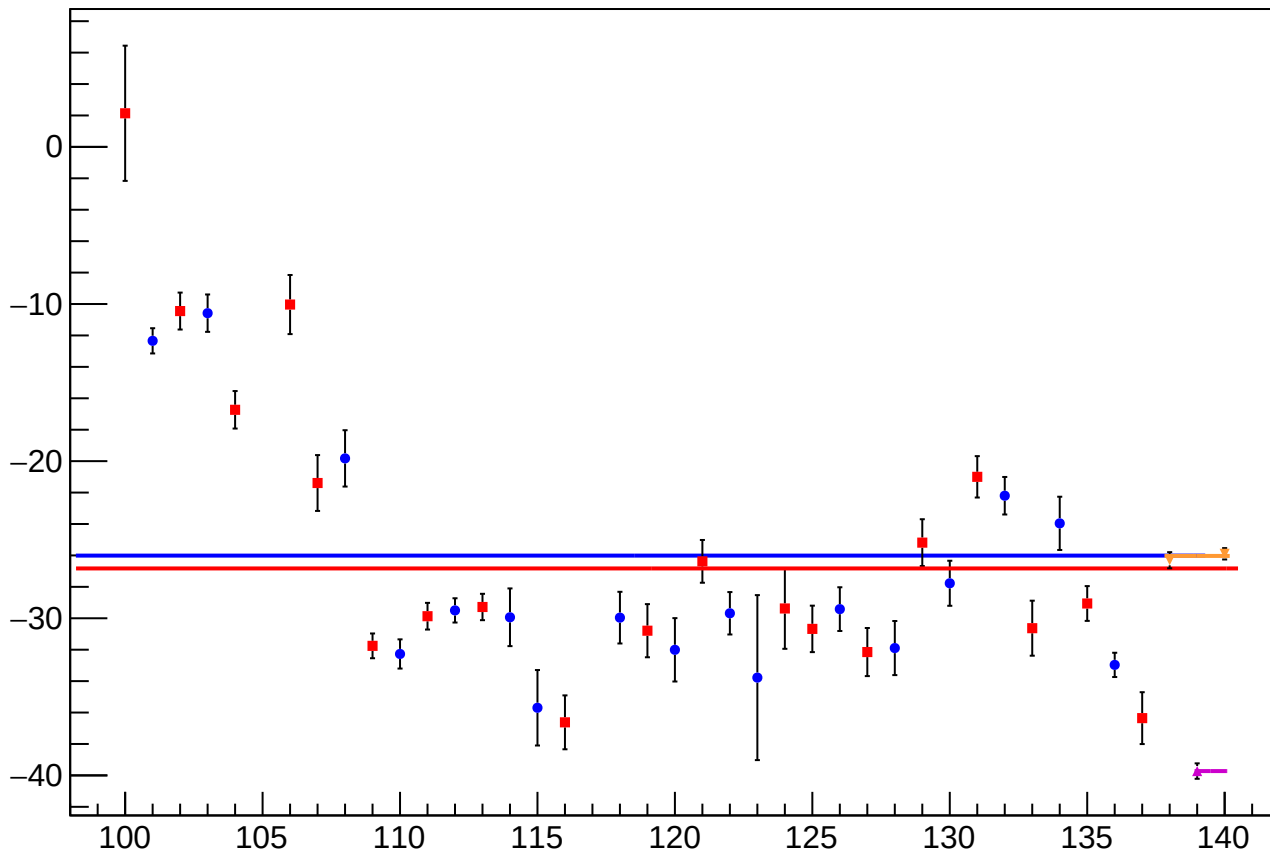
Right: 0.409 $\pm$ 0.121 χ^2 /NDF: 567.2/35

In: 1.145 $\pm$ 0.166 χ^2 /NDF:557.6/17

Out: 2.944 $\pm$ 0.141 χ^2 /NDF:981.8/20

All: 2.191 $\pm$ 0.107 χ^2 /NDF: 1608.0/38

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: -26.033 ± 0.296 χ^2/NDF : 0.4/1

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

Left In: -39.725 ± 0.491 χ^2/NDF : 0.0/0

Left: -29.676 ± 0.253 χ^2/NDF : 570.4/2

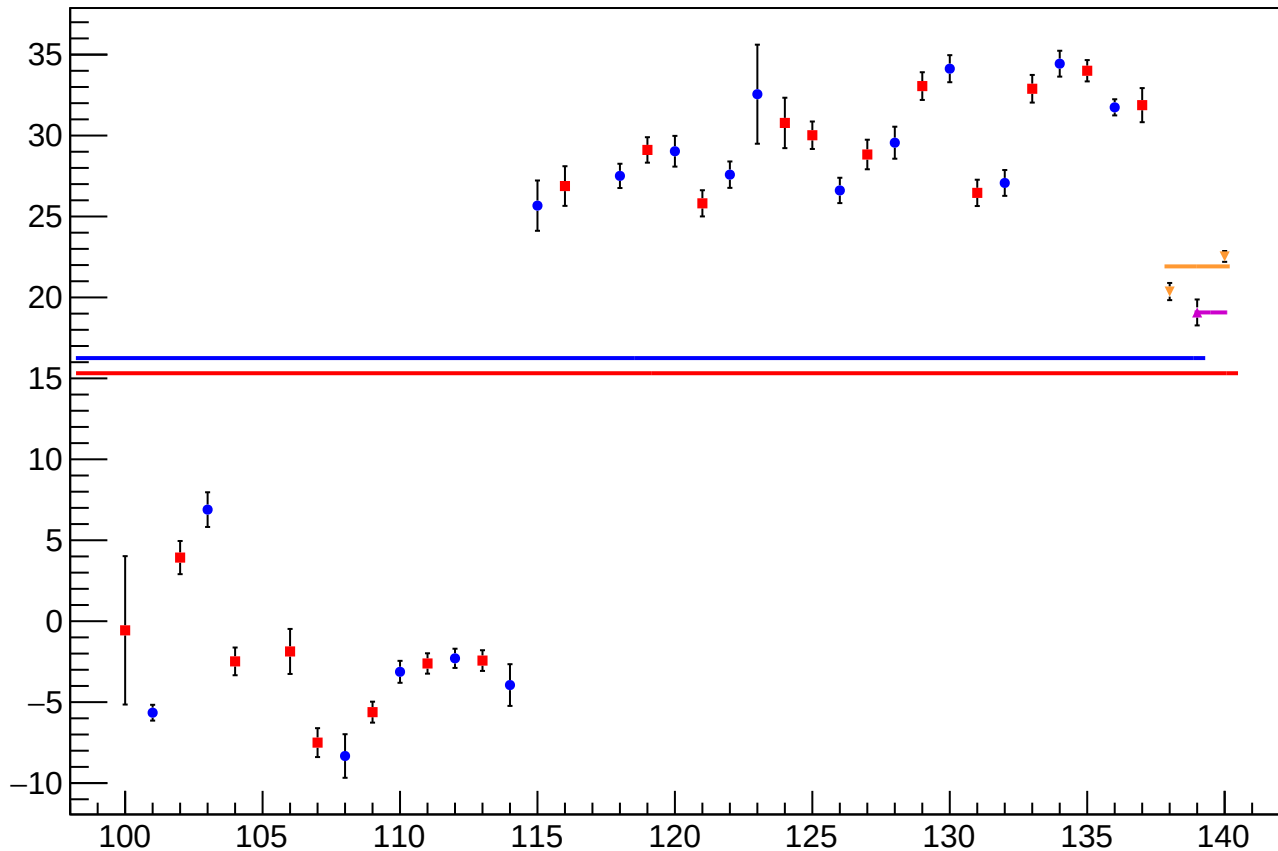
Right: -26.423 ± 0.211 χ^2/NDF : 1278.3/35

In: -29.728 ± 0.256 χ^2/NDF : 1260.8/17

Out: -26.429 ± 0.210 χ^2/NDF : 585.6/20

All: -27.755 ± 0.162 χ^2/NDF : 1945.9/38

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: 21.917 $\pm$ 0.283 χ^2 /NDF:12.0/1

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

Left In: 19.073 $\pm$ 0.802 χ^2 /NDF:0.0/0

Left: 21.603 $\pm$ 0.267 χ^2 /NDF: 23.2/2

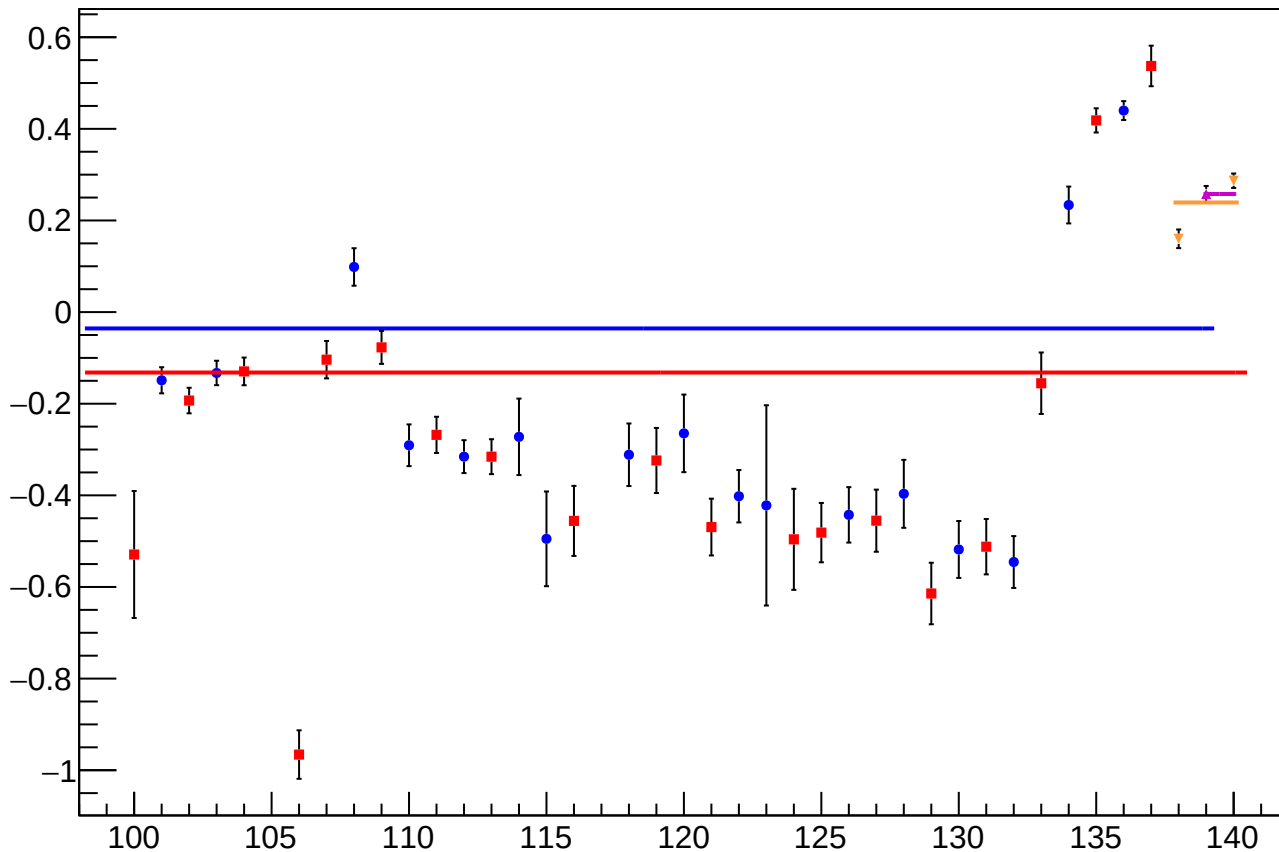
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14903.0/35

In: 16.405 $\pm$ 0.186 χ^2 /NDF:7623.0/17

Out: 17.476 $\pm$ 0.162 χ^2 /NDF:7659.1/20

All: 17.015 $\pm$ 0.122 χ^2 /NDF: 15301.0/38

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: 0.239 ± 0.012 χ^2/NDF : 24.3/1

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

Left In: 0.258 ± 0.018 χ^2/NDF : 0.0/0

Left: 0.245 ± 0.010 χ^2/NDF : 25.0/2

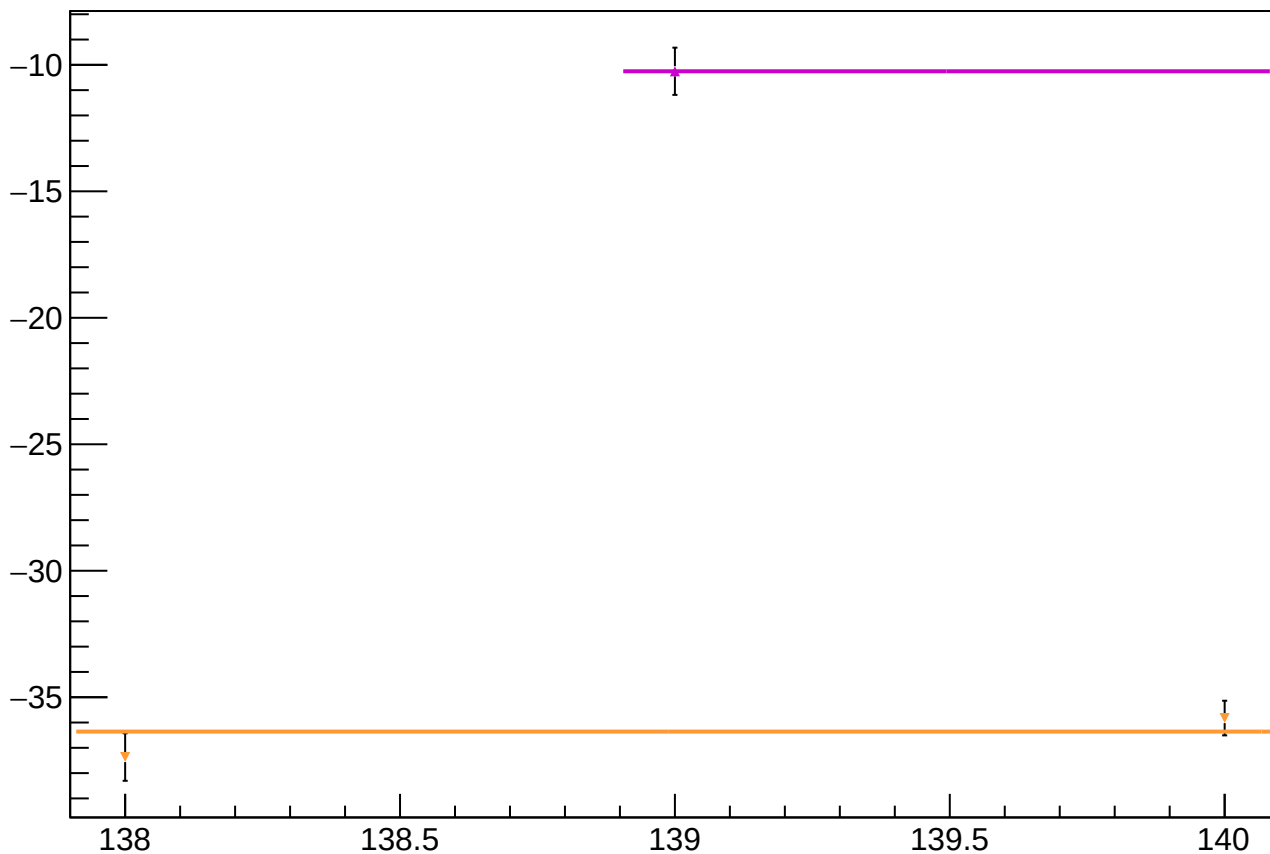
Right: -0.084 ± 0.007 χ^2/NDF : 2229.1/35

In: 0.040 ± 0.009 χ^2/NDF : 1222.5/17

Out: 0.020 ± 0.008 χ^2/NDF : 1720.8/20

All: 0.029 ± 0.006 χ^2/NDF : 2946.1/38

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: -36.358+/-0.553 χ^2/NDF : 1.8/1

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

Left In: -10.254+/-0.933 χ^2/NDF : 0.0/0

Left: -29.566+/-0.476 χ^2/NDF : 580.7/2

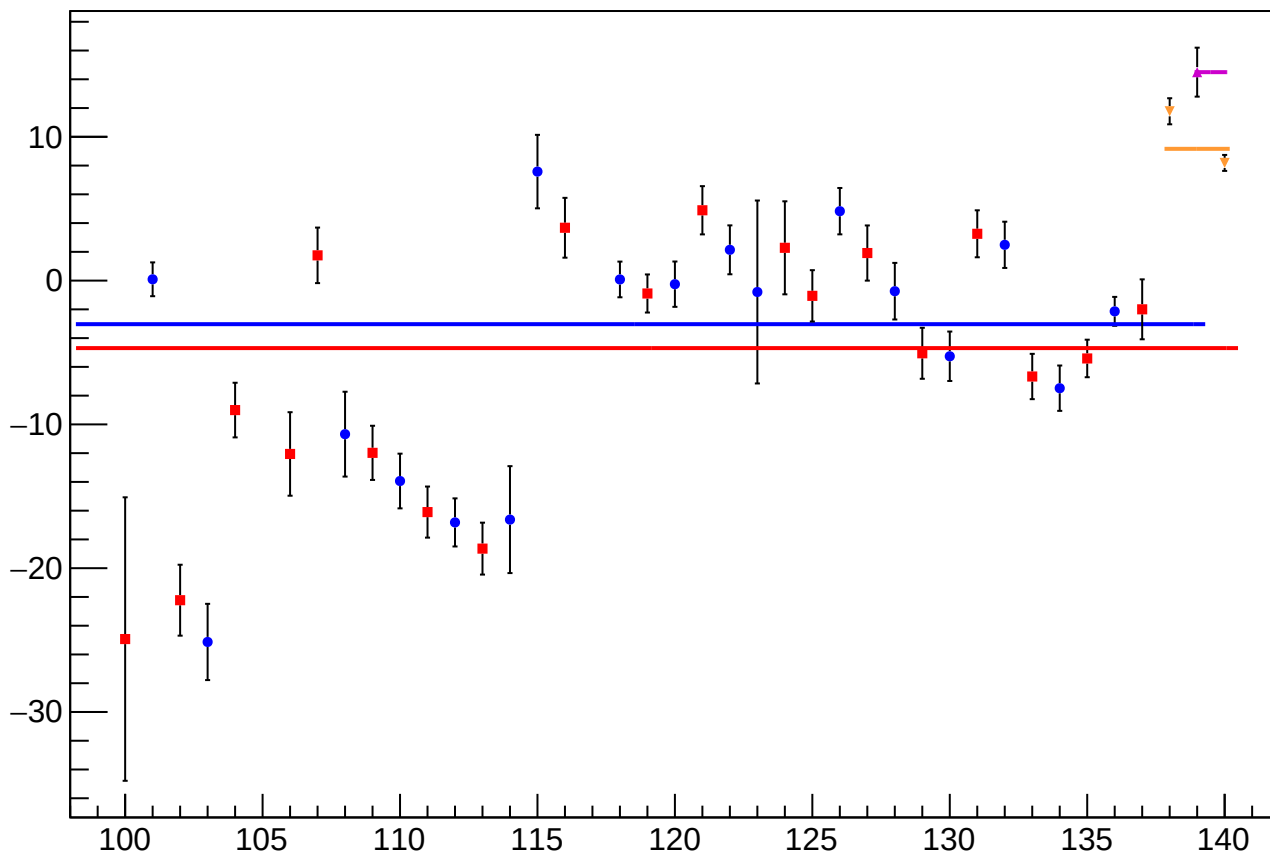
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.254+/-0.933 χ^2/NDF : 0.0/0

Out: -36.358+/-0.553 χ^2/NDF : 1.8/1

All: -29.566+/-0.476 χ^2/NDF : 580.7/2

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: 9.164 ± 0.473 χ^2/NDF : 11.4/1

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

Left In: 14.497 ± 1.703 χ^2/NDF : 0.0/0

Left: 9.547 ± 0.456 χ^2/NDF : 20.5/2

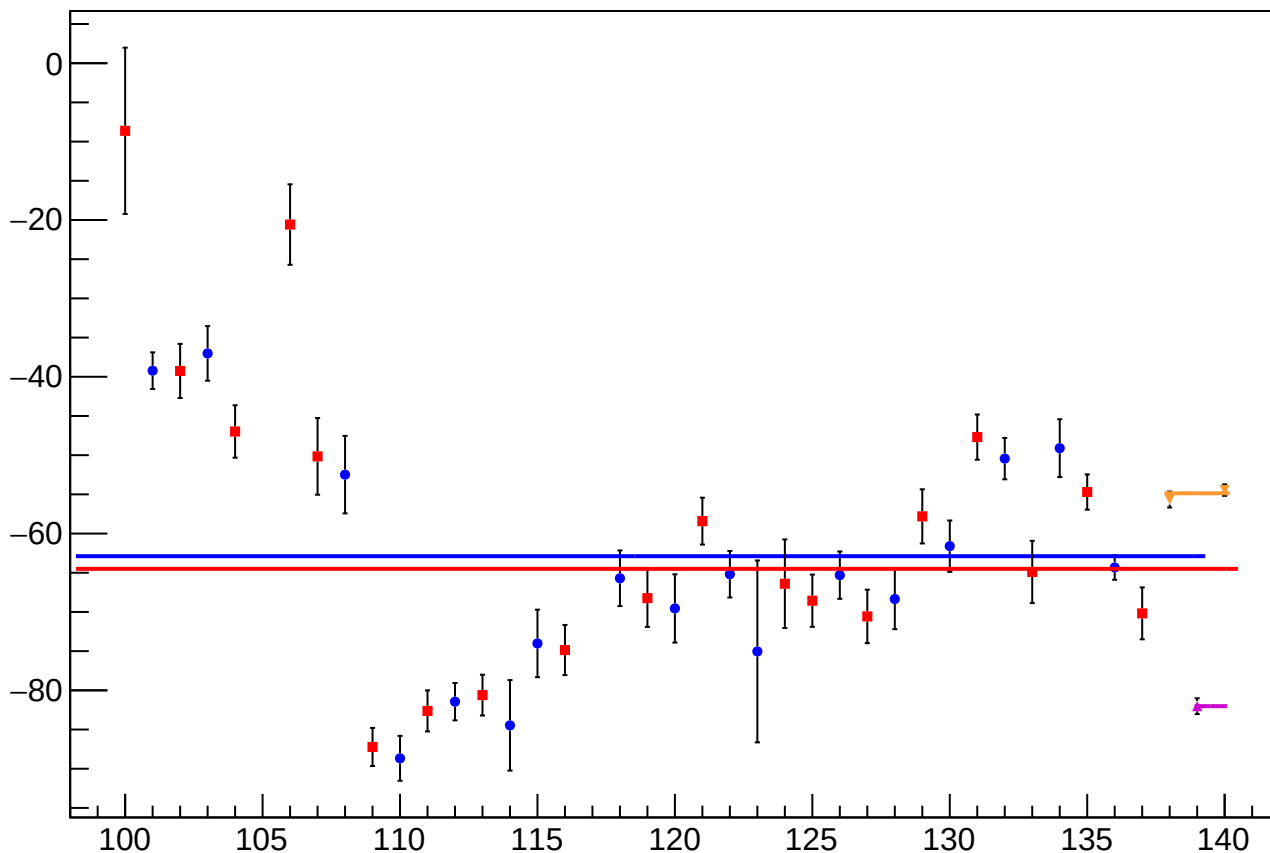
Right: -3.824 ± 0.295 χ^2/NDF : 587.0/35

In: -2.080 ± 0.396 χ^2/NDF : 381.0/17

Out: 1.516 ± 0.317 χ^2/NDF : 782.5/20

All: 0.113 ± 0.248 χ^2/NDF : 1213.7/38

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -54.864 ± 0.593 χ^2/NDF : 0.9/1

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

Left In: -82.020 ± 1.008 χ^2/NDF : 0.0/0

Left: -61.838 ± 0.511 χ^2/NDF : 539.8/2

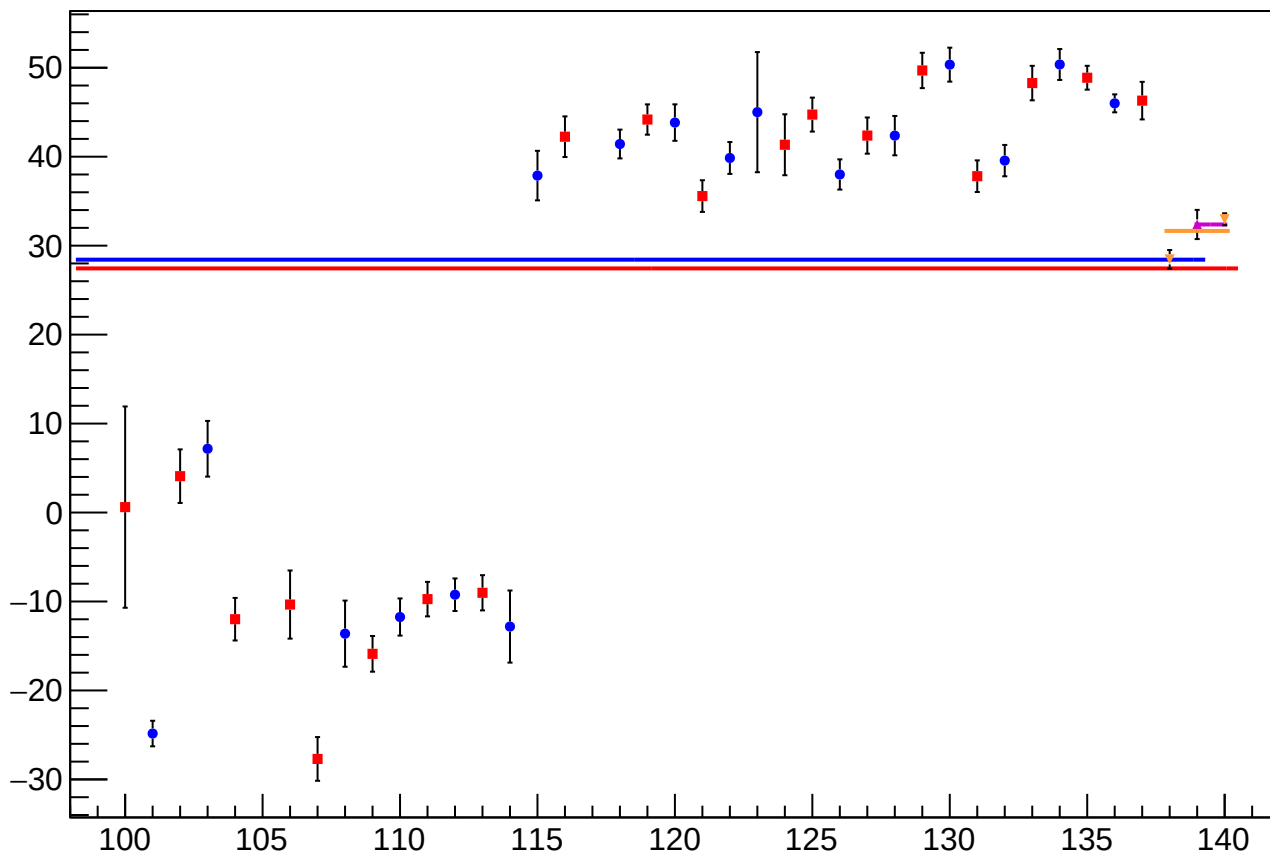
Right: -63.680 ± 0.526 χ^2/NDF : 815.2/35

In: -69.558 ± 0.596 χ^2/NDF : 603.2/17

Out: -58.562 ± 0.465 χ^2/NDF : 546.5/20

All: -62.731 ± 0.367 χ^2/NDF : 1361.3/38

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 31.657 $\pm$ 0.565 χ^2 /NDF:13.1/1

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

Left In: 32.380 $\pm$ 1.641 χ^2 /NDF:0.0/0

Left: 31.734 $\pm$ 0.535 χ^2 /NDF: 13.3/2

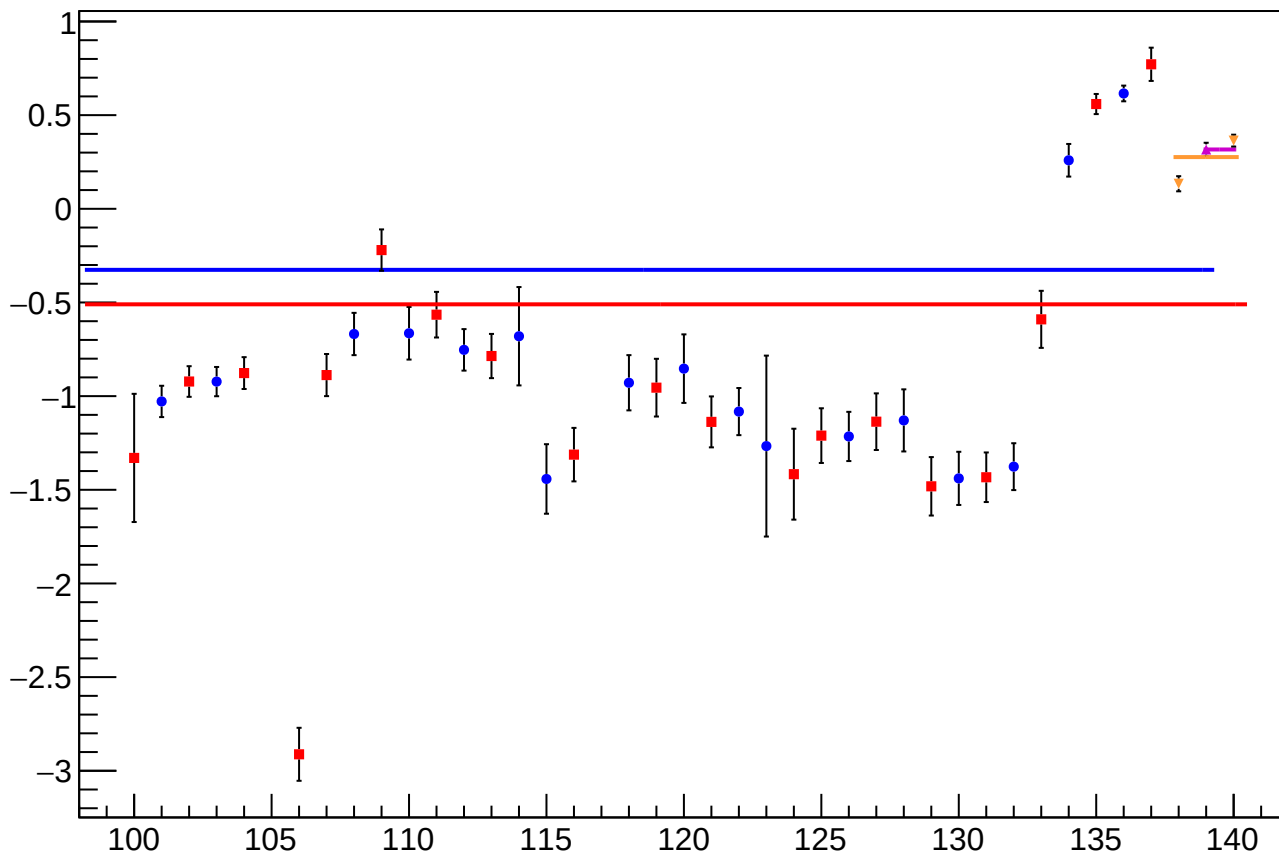
Right: 27.956 $\pm$ 0.331 χ^2 /NDF: 6365.5/35

In: 28.710 $\pm$ 0.440 χ^2 /NDF:3335.7/17

Out: 29.201 $\pm$ 0.365 χ^2 /NDF:3078.5/20

All: 29.001 $\pm$ 0.281 χ^2 /NDF: 6414.9/38

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: 0.276 ± 0.025 χ^2/NDF : 20.1/1

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

Left In: 0.317 ± 0.036 χ^2/NDF : 0.0/0

Left: 0.289 ± 0.021 χ^2/NDF : 20.9/2

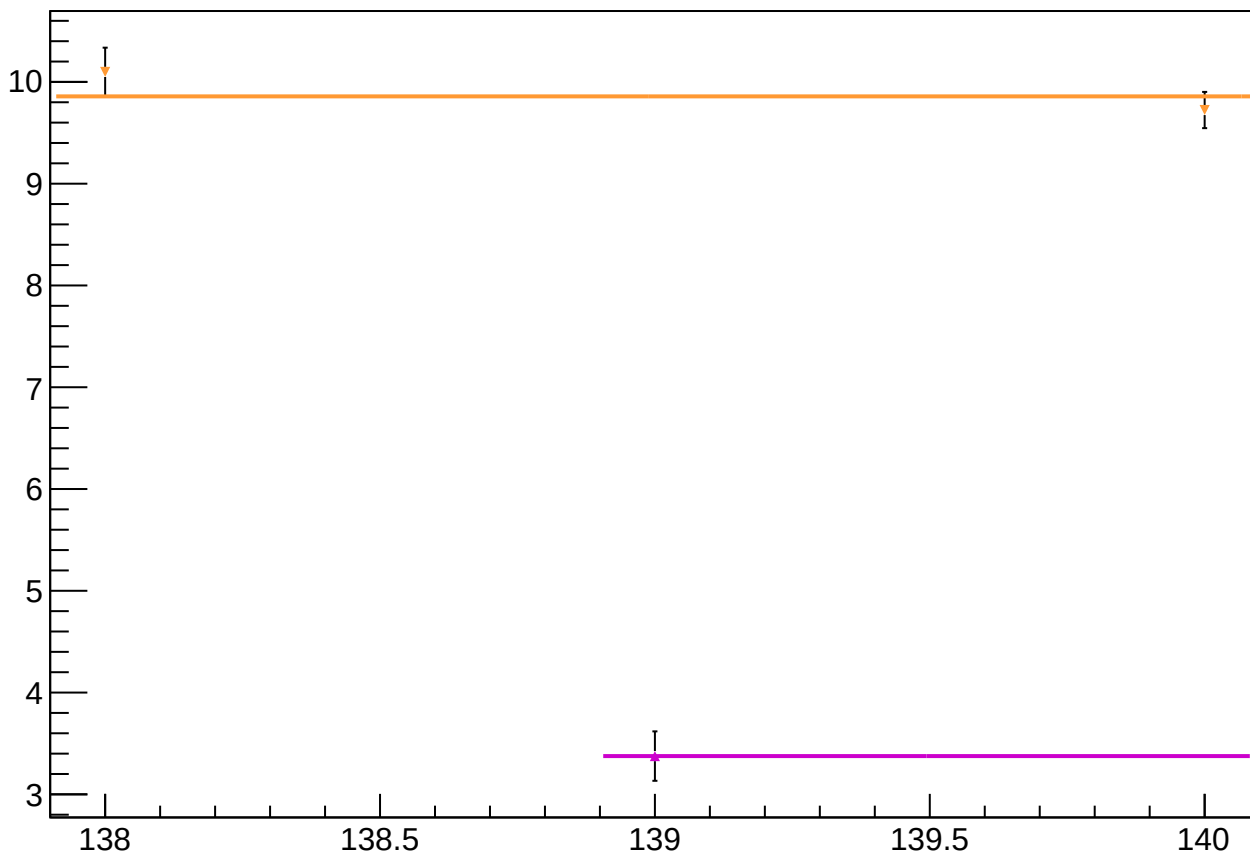
Right: -0.415 ± 0.018 χ^2/NDF : 2208.8/35

In: -0.117 ± 0.020 χ^2/NDF : 1229.3/17

Out: -0.106 ± 0.018 χ^2/NDF : 1670.5/20

All: -0.111 ± 0.013 χ^2/NDF : 2900.0/38

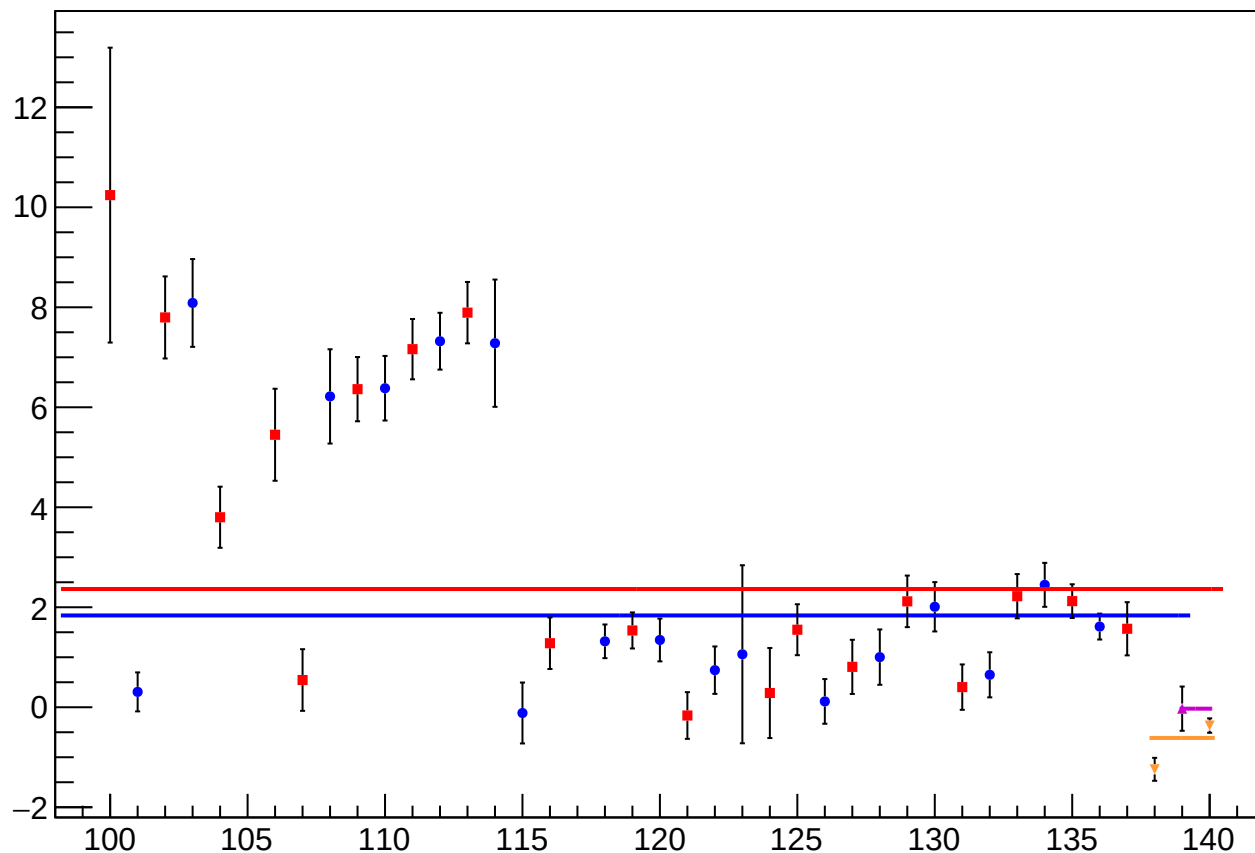
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.858 $\pm$ 0.143 χ^2 /NDF:1.6/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.376 $\pm$ 0.243 χ^2 /NDF:0.0/0

Left: 8.195 $\pm$ 0.123 χ^2 /NDF: 531.3/2
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.376 $\pm$ 0.243 χ^2 /NDF:0.0/0
 Out: 9.858 $\pm$ 0.143 χ^2 /NDF:1.6/1
 All: 8.195 $\pm$ 0.123 χ^2 /NDF: 531.3/2

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: -0.614 ± 0.122 χ^2/NDF : 10.4/1

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

Left In: -0.028 ± 0.442 χ^2/NDF : 0.0/0

Left: -0.572 ± 0.118 χ^2/NDF : 12.0/2

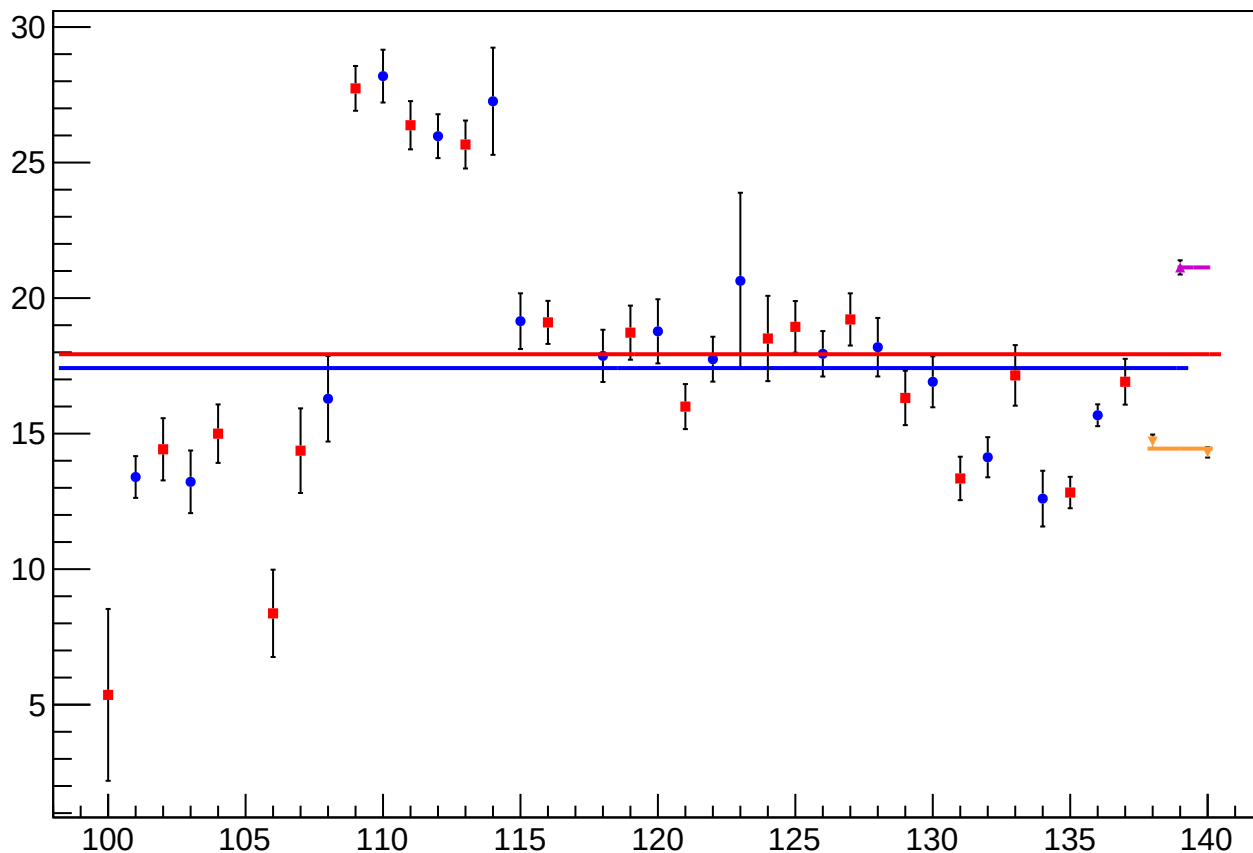
Right: 2.086 ± 0.084 χ^2/NDF : 641.1/35

In: 1.716 ± 0.112 χ^2/NDF : 311.5/17

Out: 0.869 ± 0.087 χ^2/NDF : 643.0/20

All: 1.185 ± 0.069 χ^2/NDF : 990.2/38

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: 14.447 $\pm$ 0.153 χ^2 /NDF: 1.6/1

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

Left In: 21.131 $\pm$ 0.263 χ^2 /NDF: 0.0/0

Left: 16.138 $\pm$ 0.132 χ^2 /NDF: 485.8/2

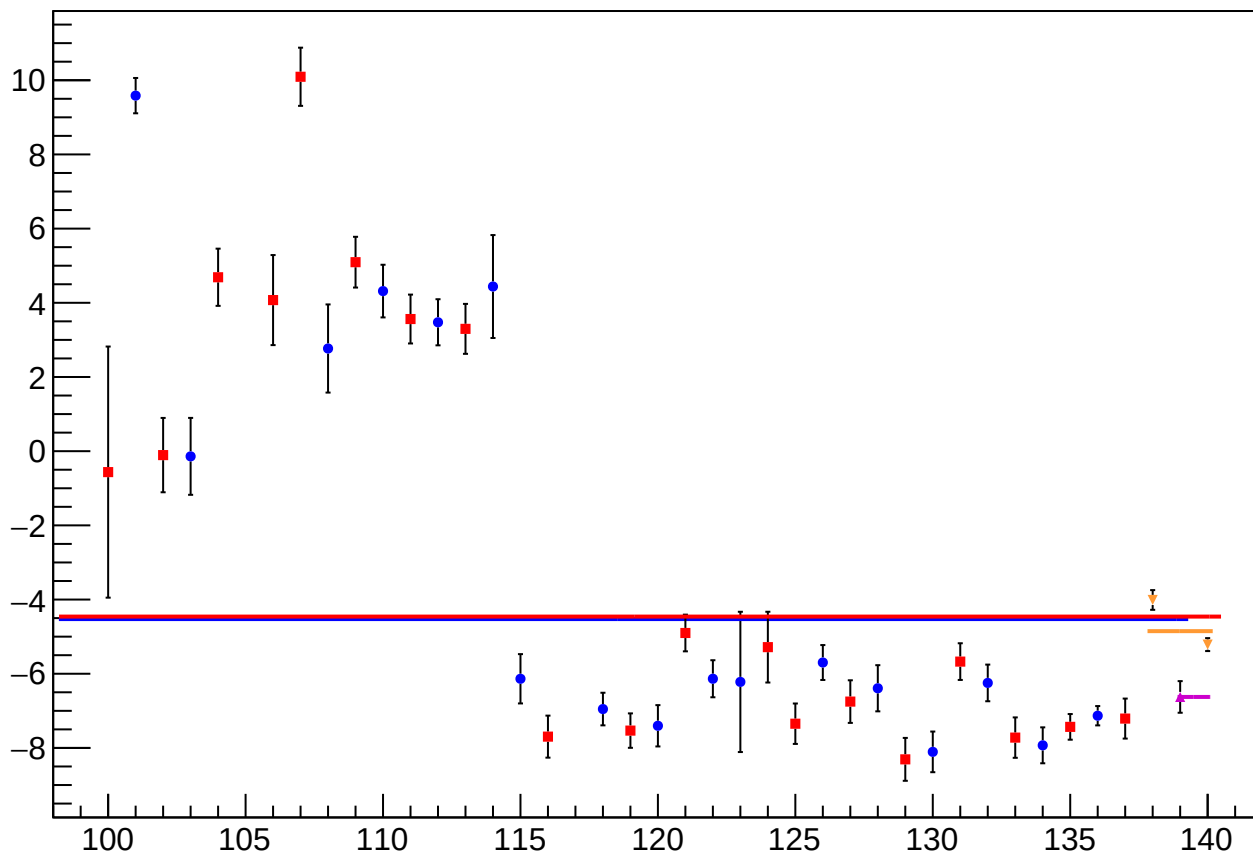
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 18.882 $\pm$ 0.165 χ^2 /NDF: 488.0/17

Out: 15.588 $\pm$ 0.125 χ^2 /NDF: 678.0/20

All: 16.794 $\pm$ 0.100 χ^2 /NDF: 1419.2/38

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: -4.852 ± 0.146 χ^2/NDF : 14.3/1

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

Left In: -6.625 ± 0.426 χ^2/NDF : 0.0/0

Left: -5.038 ± 0.138 χ^2/NDF : 29.8/2

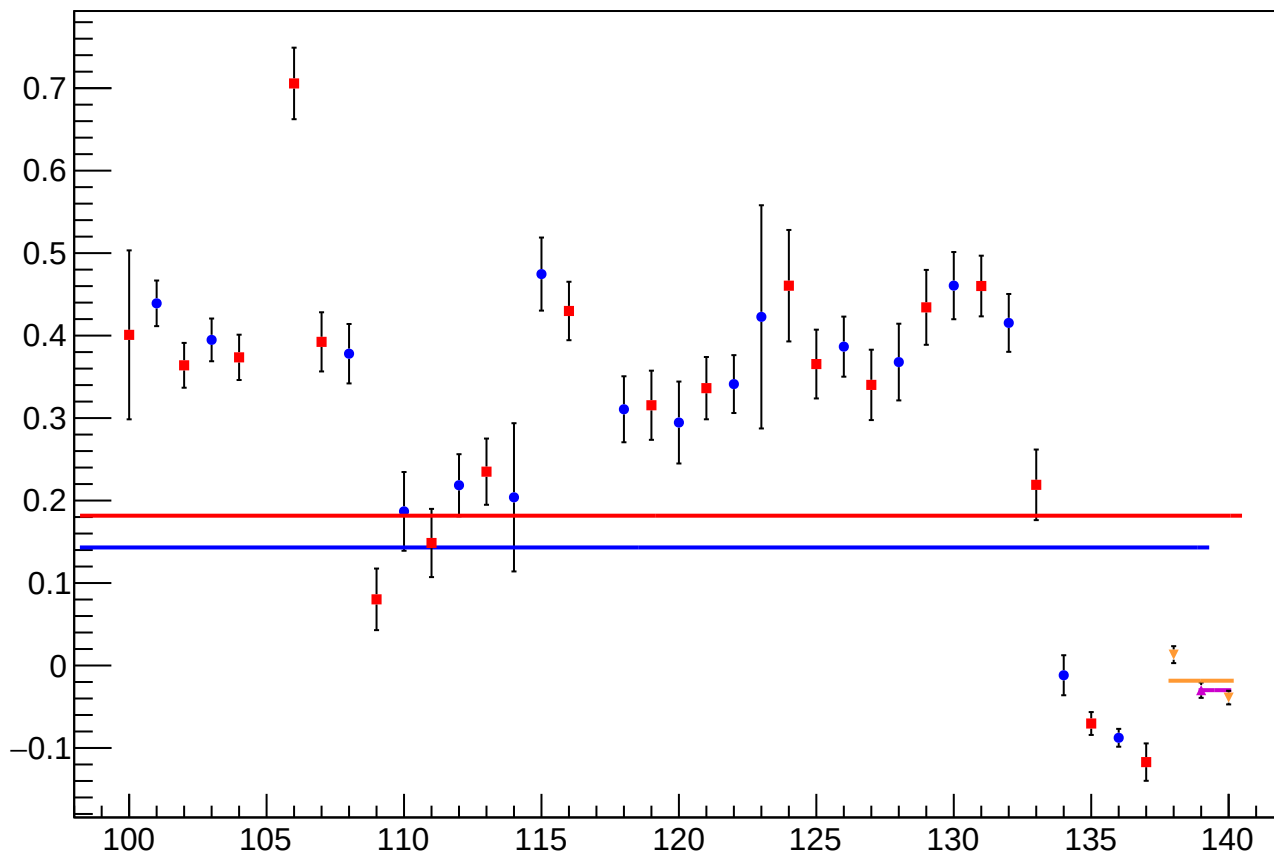
Right: -4.494 ± 0.094 χ^2/NDF : 2929.2/35

In: -4.704 ± 0.124 χ^2/NDF : 1612.4/17

Out: -4.643 ± 0.100 χ^2/NDF : 1357.1/20

All: -4.667 ± 0.078 χ^2/NDF : 2969.6/38

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1060.4/16

Left Out: -0.018 $\pm$ 0.006 χ^2 /NDF:15.6/1

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1007.8/18

Left In: -0.030 $\pm$ 0.009 χ^2 /NDF:0.0/0

Left: -0.022 $\pm$ 0.005 χ^2 /NDF: 16.6/2

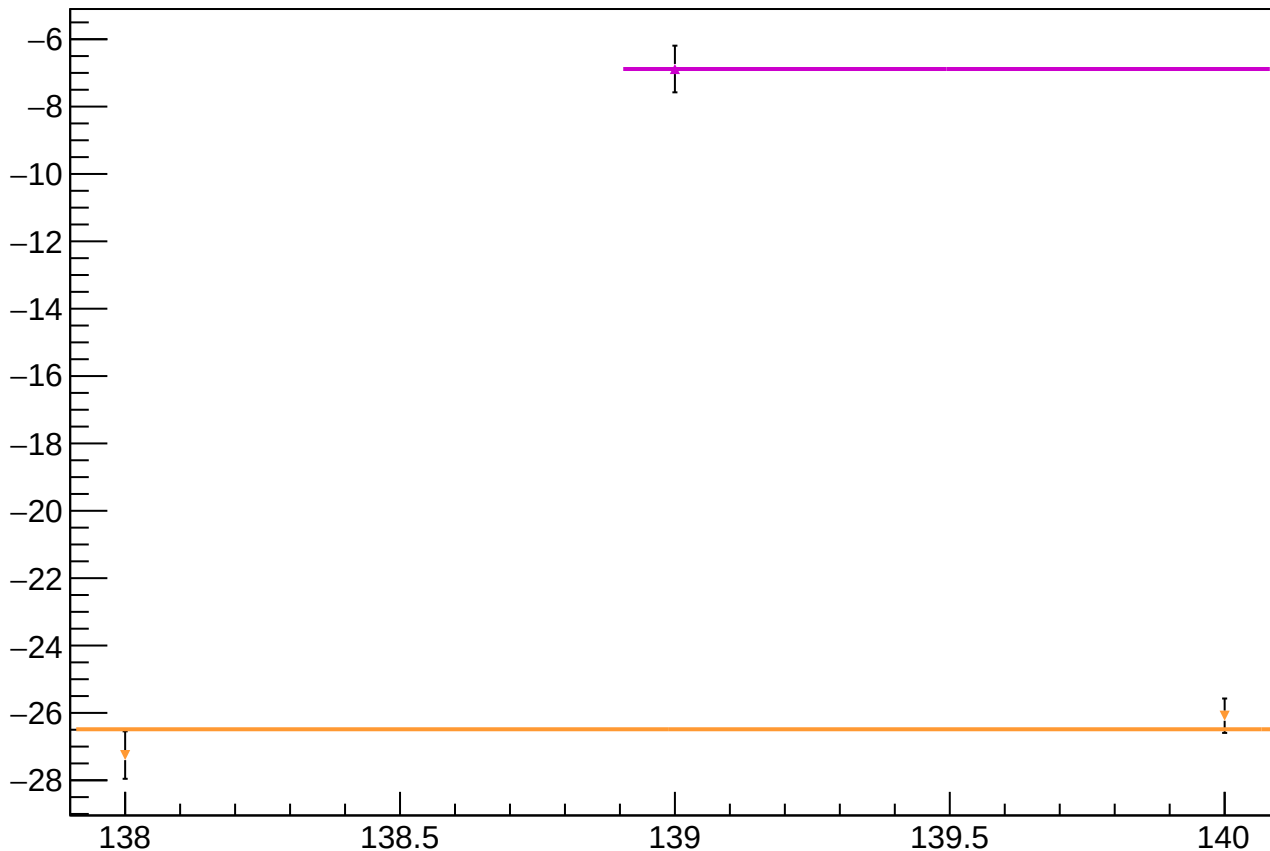
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2082.4/35

In: 0.080 $\pm$ 0.006 χ^2 /NDF:1279.3/17

Out: 0.068 $\pm$ 0.005 χ^2 /NDF:1440.4/20

All: 0.073 $\pm$ 0.004 χ^2 /NDF: 2722.5/38

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: -26.486+/-0.413 χ^2/NDF : 1.8/1

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

Left In: -6.884+/-0.693 χ^2/NDF : 0.0/0

Left: -21.337+/-0.355 χ^2/NDF : 592.2/2

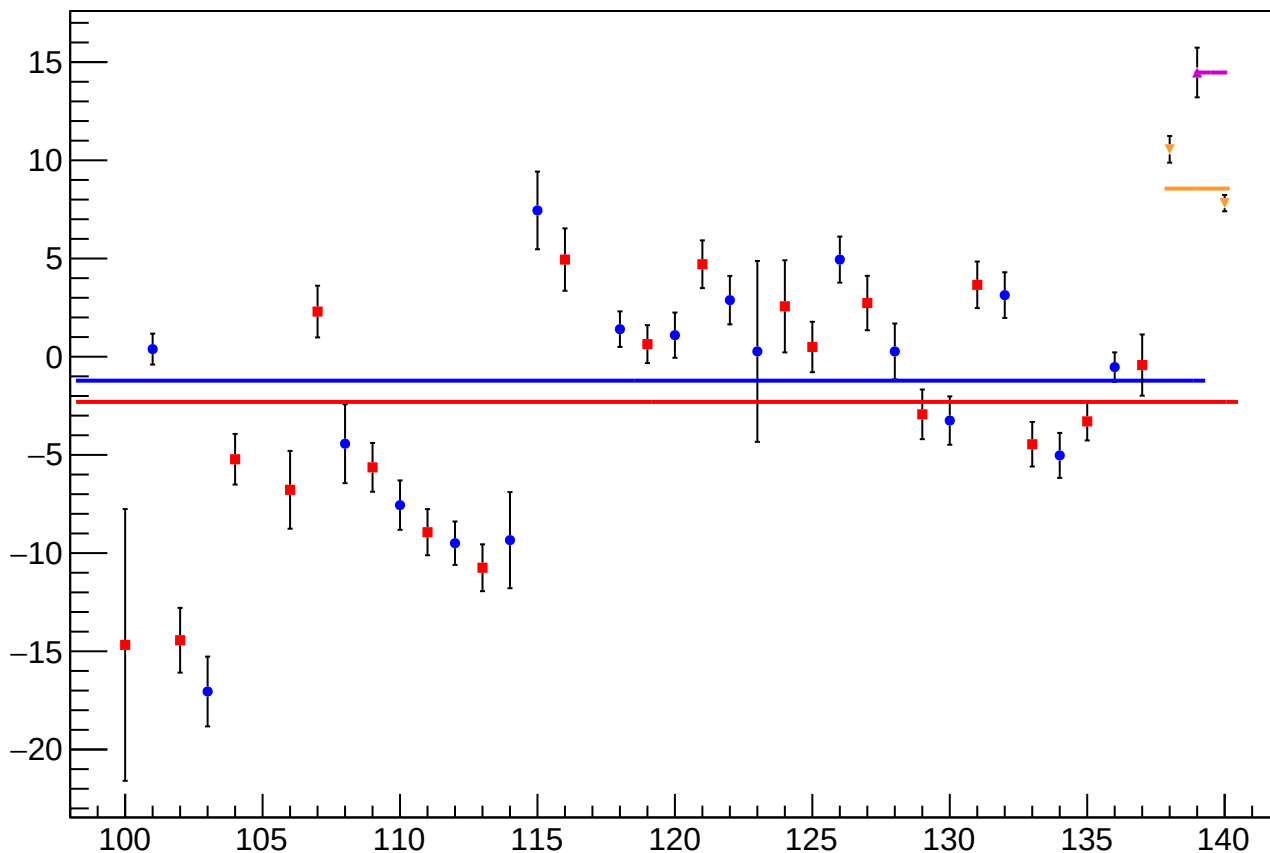
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.884+/-0.693 χ^2/NDF : 0.0/0

Out: -26.486+/-0.413 χ^2/NDF : 1.8/1

All: -21.337+/-0.355 χ^2/NDF : 592.2/2

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: 8.559 ± 0.354 χ^2/NDF : 11.8/1

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

Left In: 14.471 ± 1.265 χ^2/NDF : 0.0/0

Left: 8.988 ± 0.341 χ^2/NDF : 32.1/2

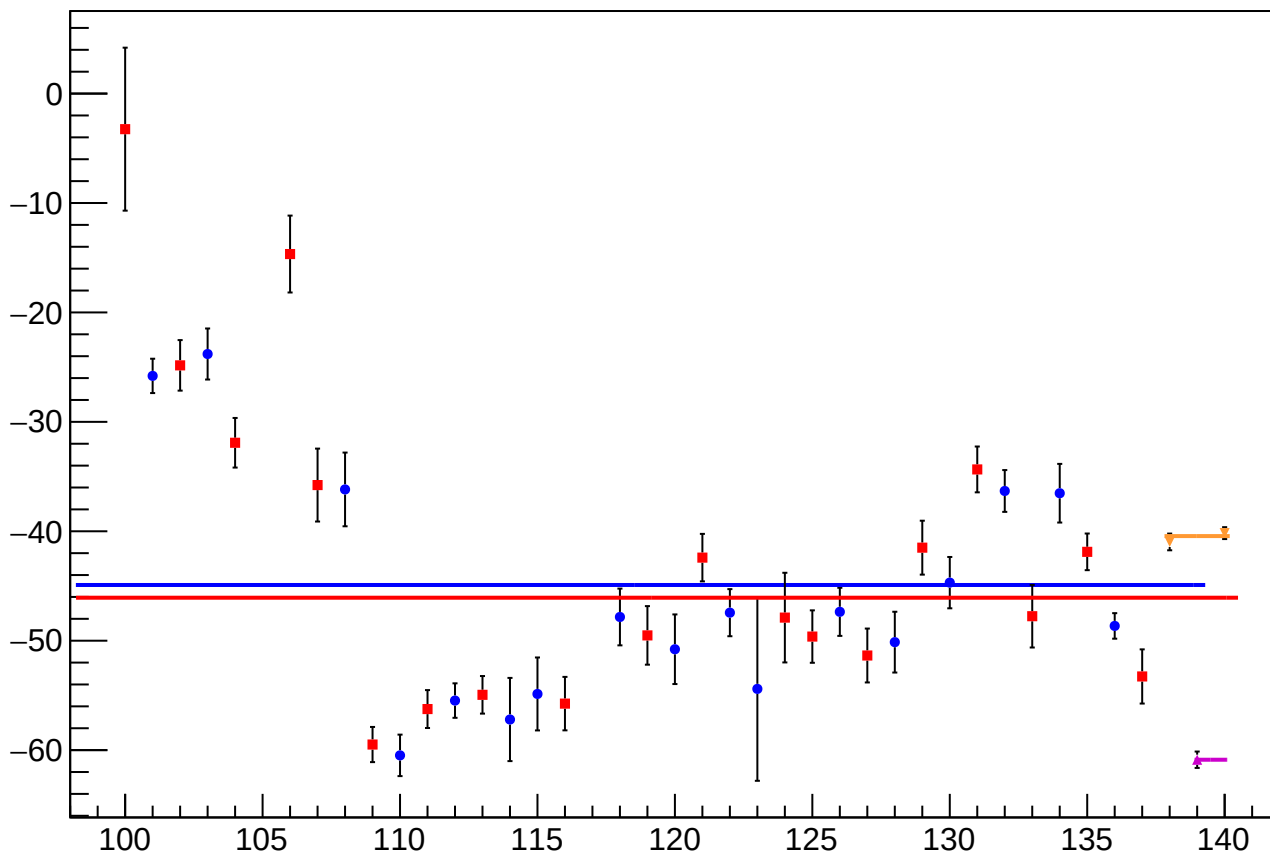
Right: -1.738 ± 0.209 χ^2/NDF : 571.5/35

In: -0.436 ± 0.283 χ^2/NDF : 424.8/17

Out: 2.283 ± 0.230 χ^2/NDF : 842.5/20

All: 1.200 ± 0.178 χ^2/NDF : 1323.0/38

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908 $\pm$ 0.523 χ^2 /NDF: 421.2/16

Left Out: -40.439 $\pm$ 0.443 χ^2 /NDF: 0.7/1

Right Out: -46.071 $\pm$ 0.528 χ^2 /NDF: 454.0/18

Left In: -60.878 $\pm$ 0.749 χ^2 /NDF: 0.0/0

Left: -45.739 $\pm$ 0.381 χ^2 /NDF: 553.0/2

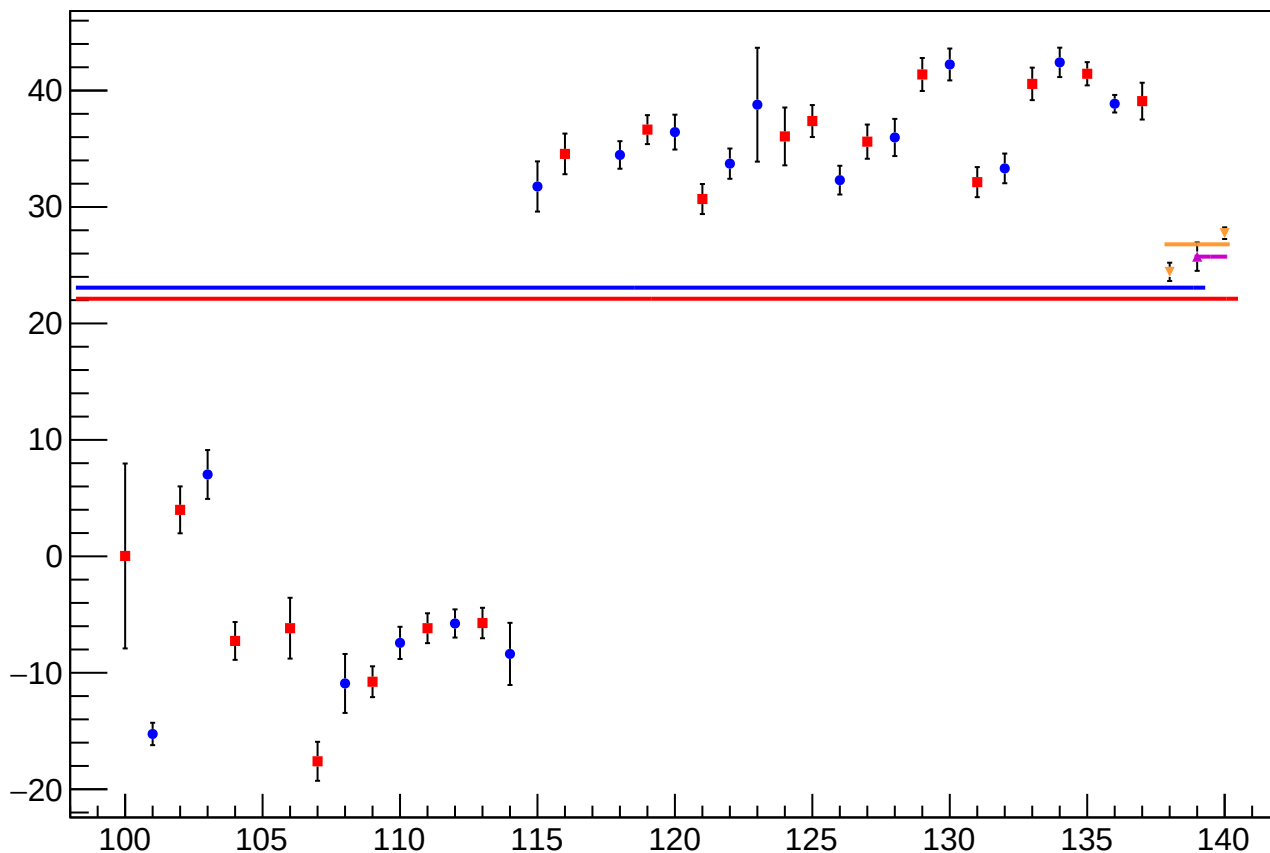
Right: -45.483 $\pm$ 0.371 χ^2 /NDF: 877.6/35

In: -50.140 $\pm$ 0.428 χ^2 /NDF: 727.2/17

Out: -42.764 $\pm$ 0.339 χ^2 /NDF: 521.5/20

All: -45.608 $\pm$ 0.266 χ^2 /NDF: 1430.8/38

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: 26.795 $\pm$ 0.423 χ^2 /NDF:12.7/1

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

Left In: 25.736 $\pm$ 1.219 χ^2 /NDF:0.0/0

Left: 26.681 $\pm$ 0.399 χ^2 /NDF: 13.4/2

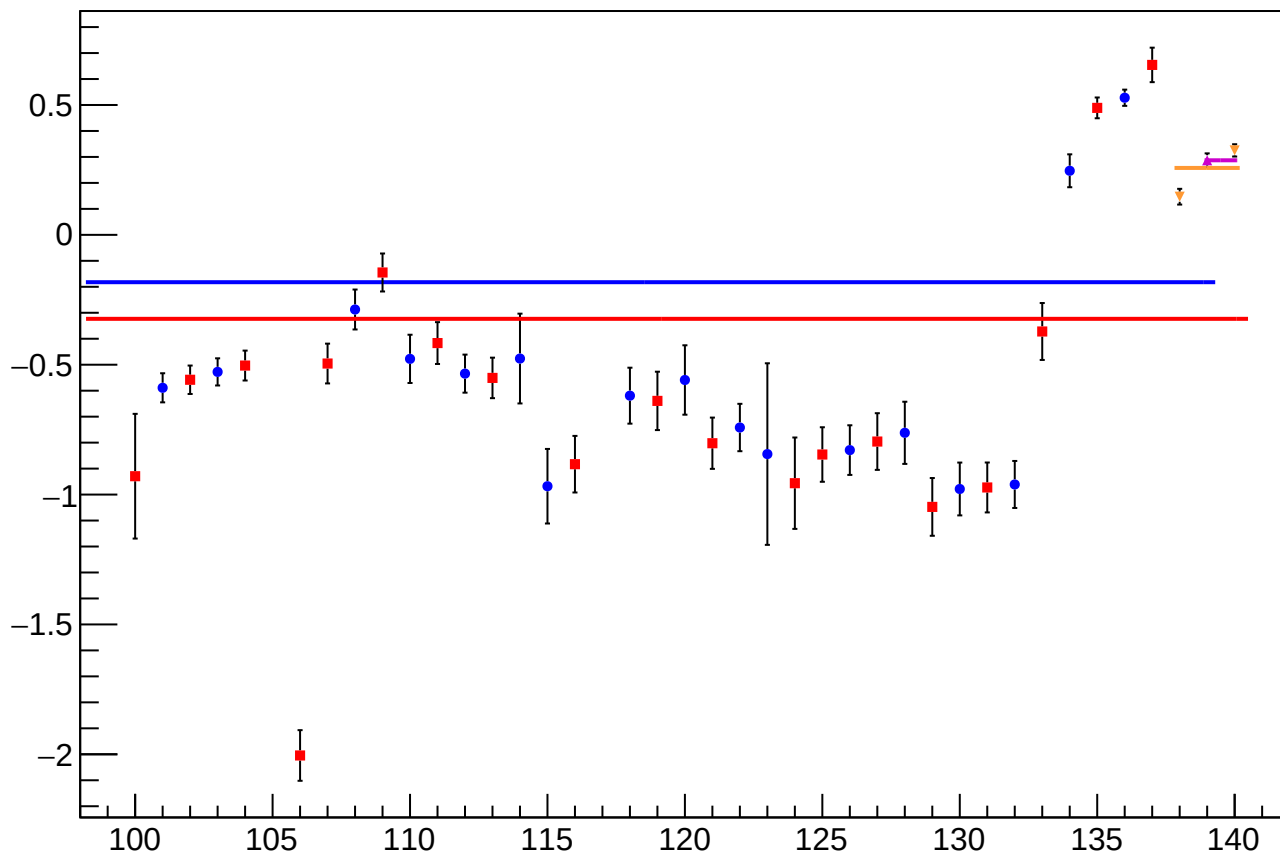
Right: 22.617 $\pm$ 0.235 χ^2 /NDF: 8384.4/35

In: 23.251 $\pm$ 0.315 χ^2 /NDF:4350.4/17

Out: 23.958 $\pm$ 0.265 χ^2 /NDF:4121.3/20

All: 23.665 $\pm$ 0.203 χ^2 /NDF: 8474.7/38

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.258 ± 0.019 χ^2/NDF : 21.5/1

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

Left In: 0.287 ± 0.027 χ^2/NDF : 0.0/0

Left: 0.267 ± 0.015 χ^2/NDF : 22.3/2

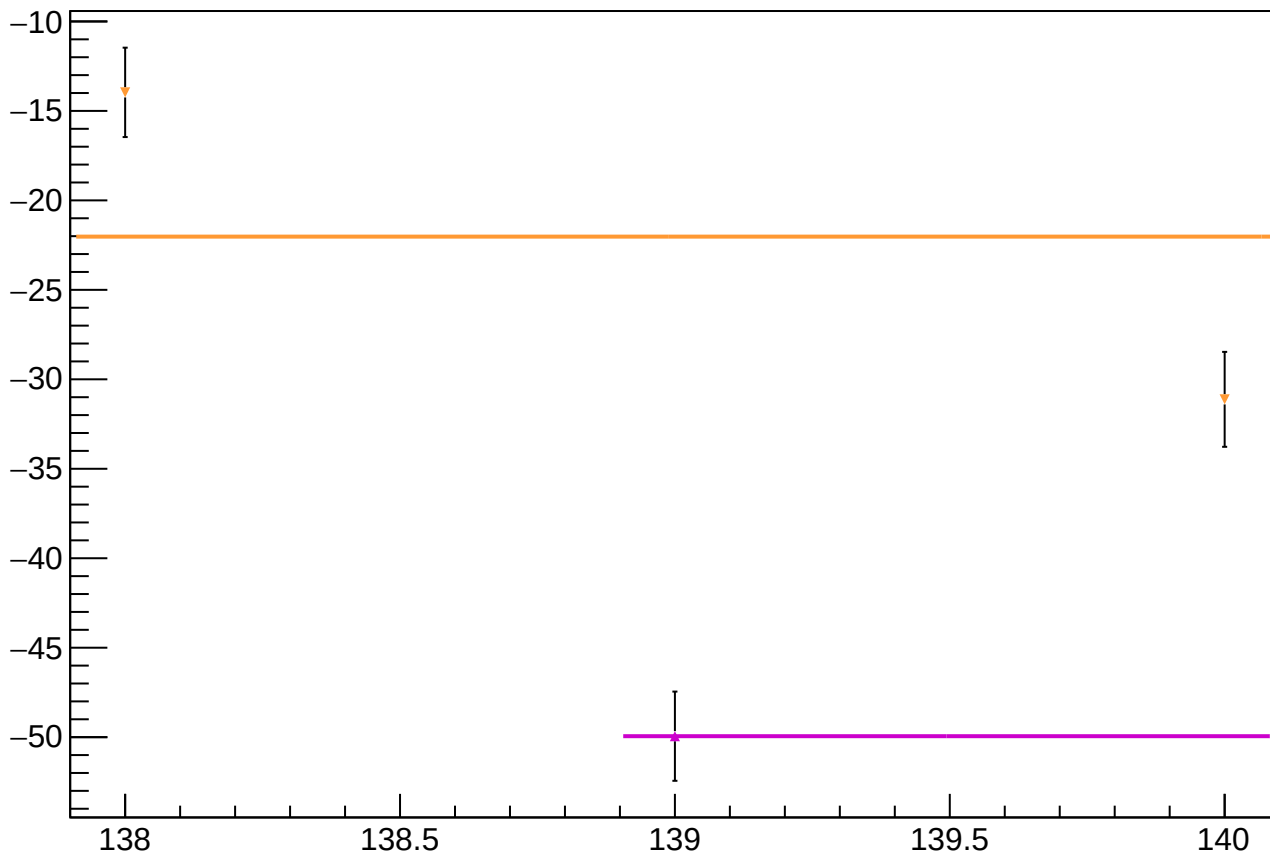
Right: -0.251 ± 0.013 χ^2/NDF : 2213.4/35

In: -0.038 ± 0.015 χ^2/NDF : 1212.9/17

Out: -0.041 ± 0.013 χ^2/NDF : 1704.0/20

All: -0.040 ± 0.010 χ^2/NDF : 2916.9/38

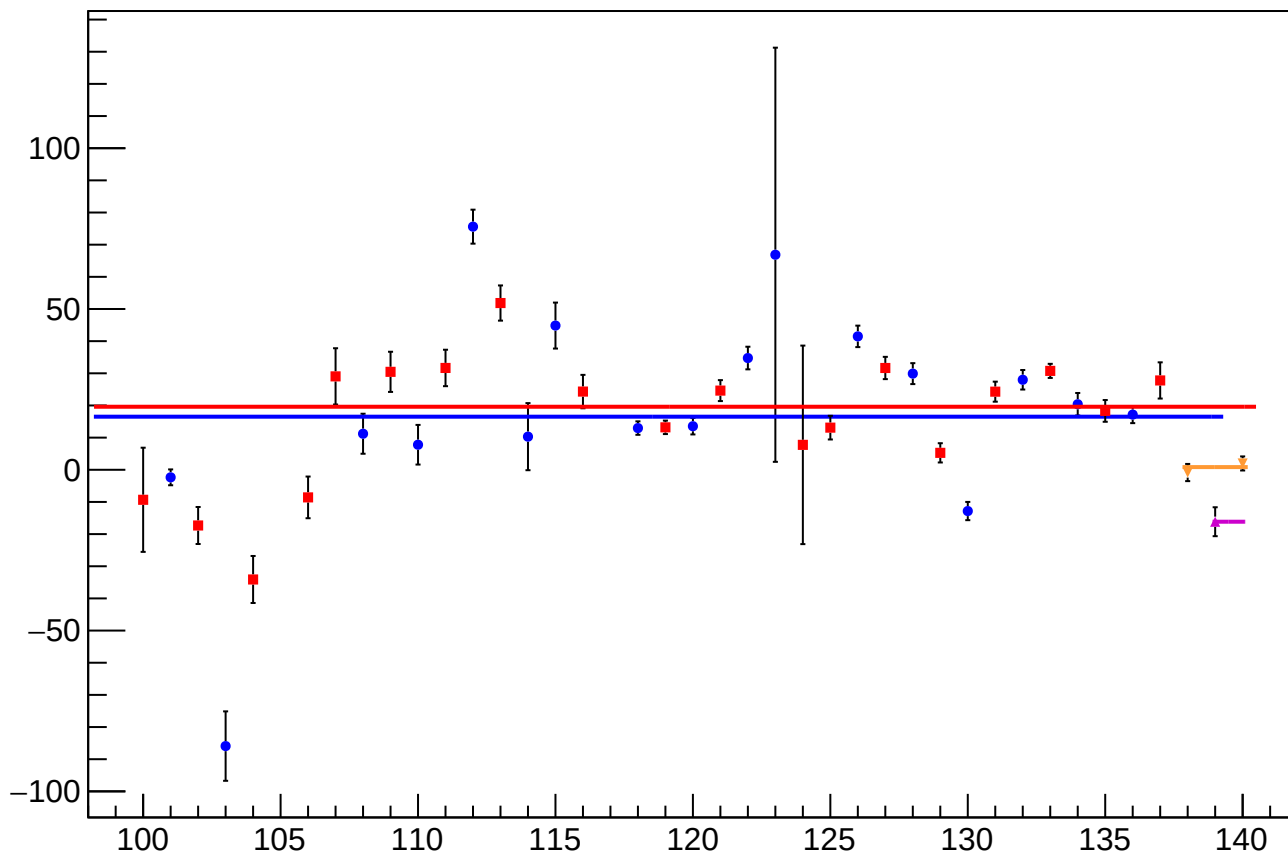
reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.025+/-1.819 χ^2/NDF :22.2/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -49.945+/-2.493 χ^2/NDF :0.0/0

Left: -31.722+/-1.469 χ^2/NDF : 104.0/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -49.945+/-2.493 χ^2/NDF :0.0/0
 Out: -22.025+/-1.819 χ^2/NDF :22.2/1
 All: -31.722+/-1.469 χ^2/NDF : 104.0/2

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 0.836 $\pm$ 1.692 χ^2 /NDF: 0.7/1

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

Left In: -16.151 $\pm$ 4.498 χ^2 /NDF: 0.0/0

Left: -1.270 $\pm$ 1.584 χ^2 /NDF: 13.2/2

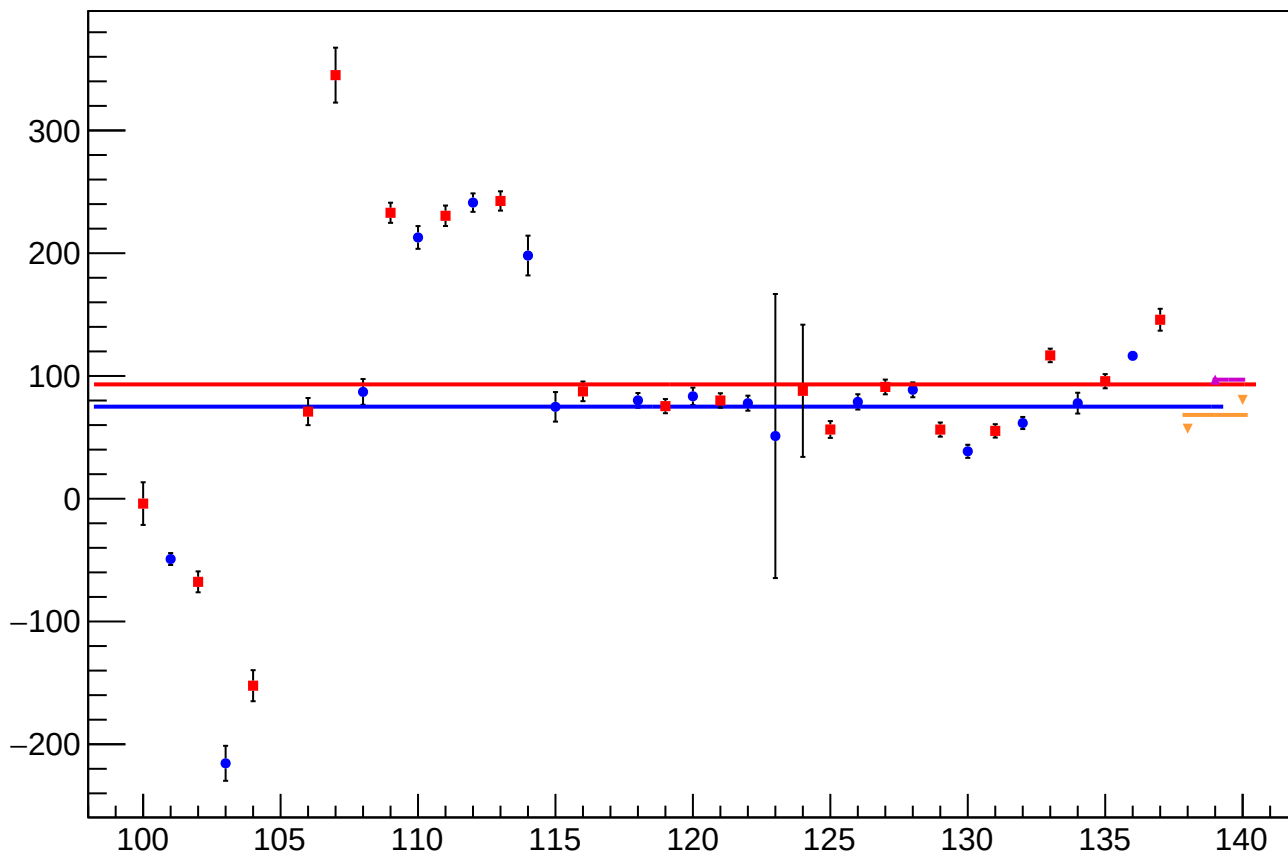
Right: 17.968 $\pm$ 0.616 χ^2 /NDF: 767.9/35

In: 15.392 $\pm$ 0.833 χ^2 /NDF: 570.6/17

Out: 15.478 $\pm$ 0.793 χ^2 /NDF: 338.6/20

All: 15.437 $\pm$ 0.574 χ^2 /NDF: 909.2/38

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF : 1999.3/16

Left Out: 68.260+/-1.956 χ^2/NDF : 36.0/1

Right Out: 93.140+/-1.711 χ^2/NDF : 2002.3/18

Left In: 96.985+/-2.699 χ^2/NDF : 0.0/0

Left: 78.151+/-1.584 χ^2/NDF : 110.3/2

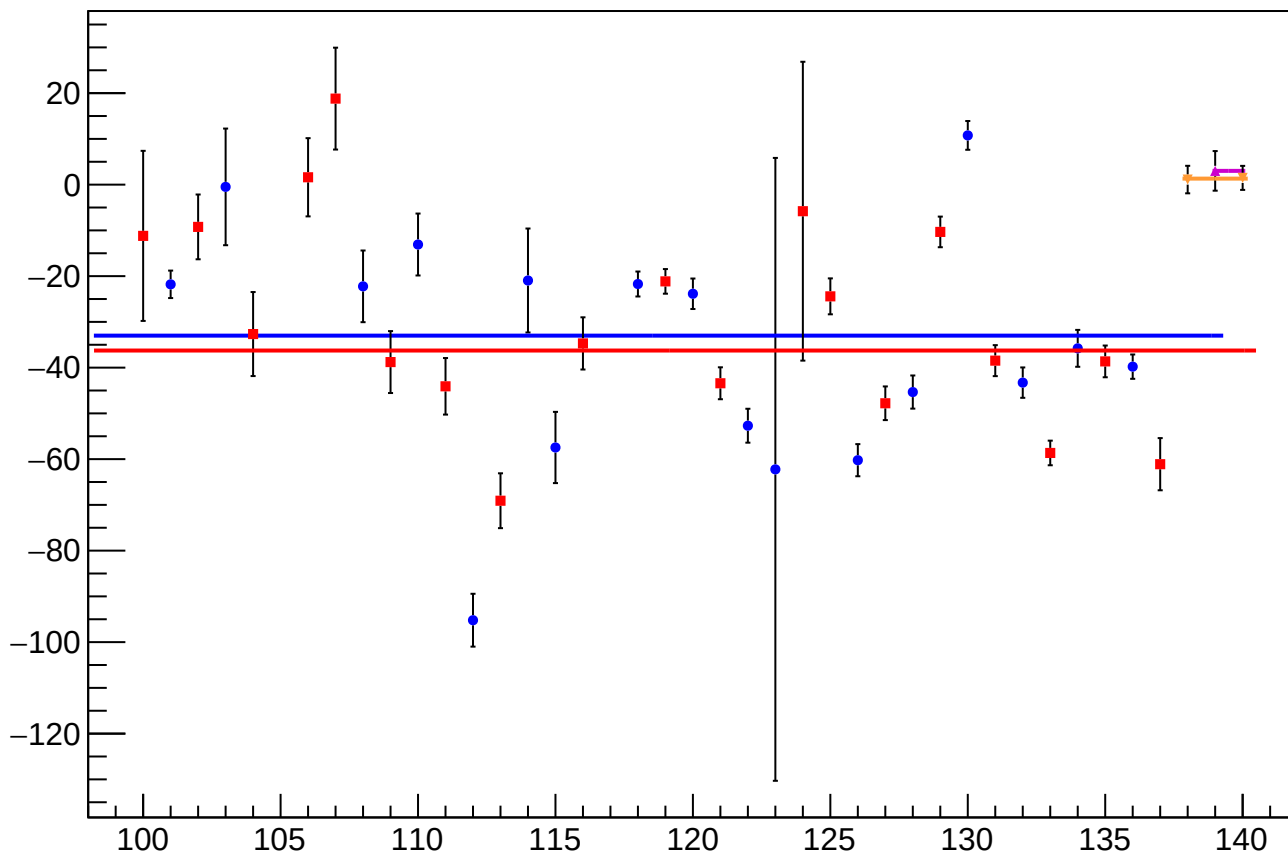
Right: 83.668+/-1.183 χ^2/NDF : 4060.3/35

In: 80.915+/-1.399 χ^2/NDF : 2047.8/17

Out: 82.352+/-1.288 χ^2/NDF : 2130.0/20

All: 81.693+/-0.947 χ^2/NDF : 4178.4/38

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: 1.318 ± 1.978 $\chi^2/\text{NDF}: 0.0/1$

Right Out: -36.260 ± 1.025 $\chi^2/\text{NDF}: 297.1/18$

Left In: 3.010 ± 4.330 $\chi^2/\text{NDF}: 0.0/0$

Left: 1.610 ± 1.799 $\chi^2/\text{NDF}: 0.1/2$

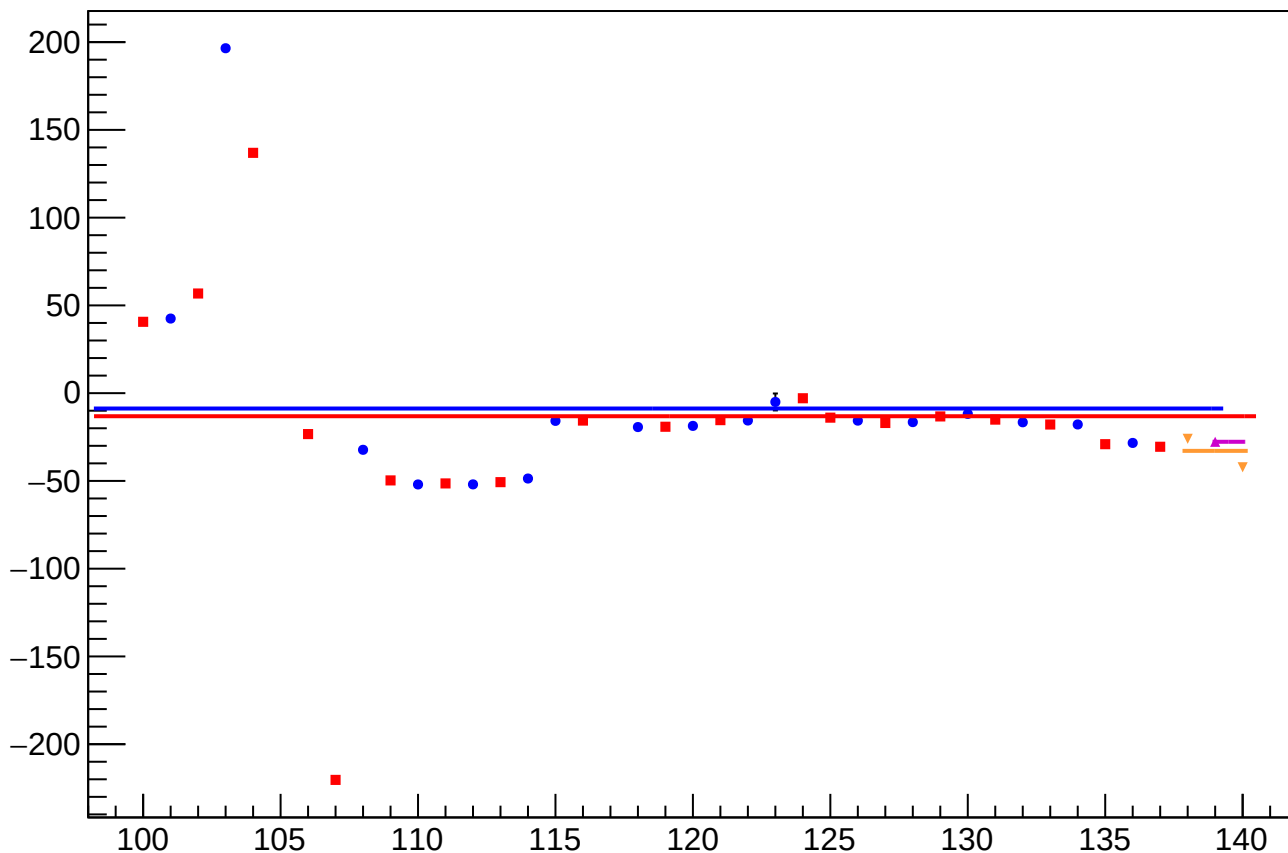
Right: -34.545 ± 0.705 $\chi^2/\text{NDF}: 795.4/35$

In: -31.278 ± 0.948 $\chi^2/\text{NDF}: 558.9/17$

Out: -28.302 ± 0.910 $\chi^2/\text{NDF}: 581.6/20$

All: -29.729 ± 0.657 $\chi^2/\text{NDF}: 1145.6/38$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751 ± 0.059 χ^2/NDF : 576012.4/16

Left Out: -32.877 ± 0.080 χ^2/NDF : 10047.9/1

Right Out: -13.143 ± 0.062 χ^2/NDF : 558628.0/18

Left In: -27.705 ± 0.095 χ^2/NDF : 0.0/0

Left: -30.735 ± 0.061 χ^2/NDF : 11779.6/2

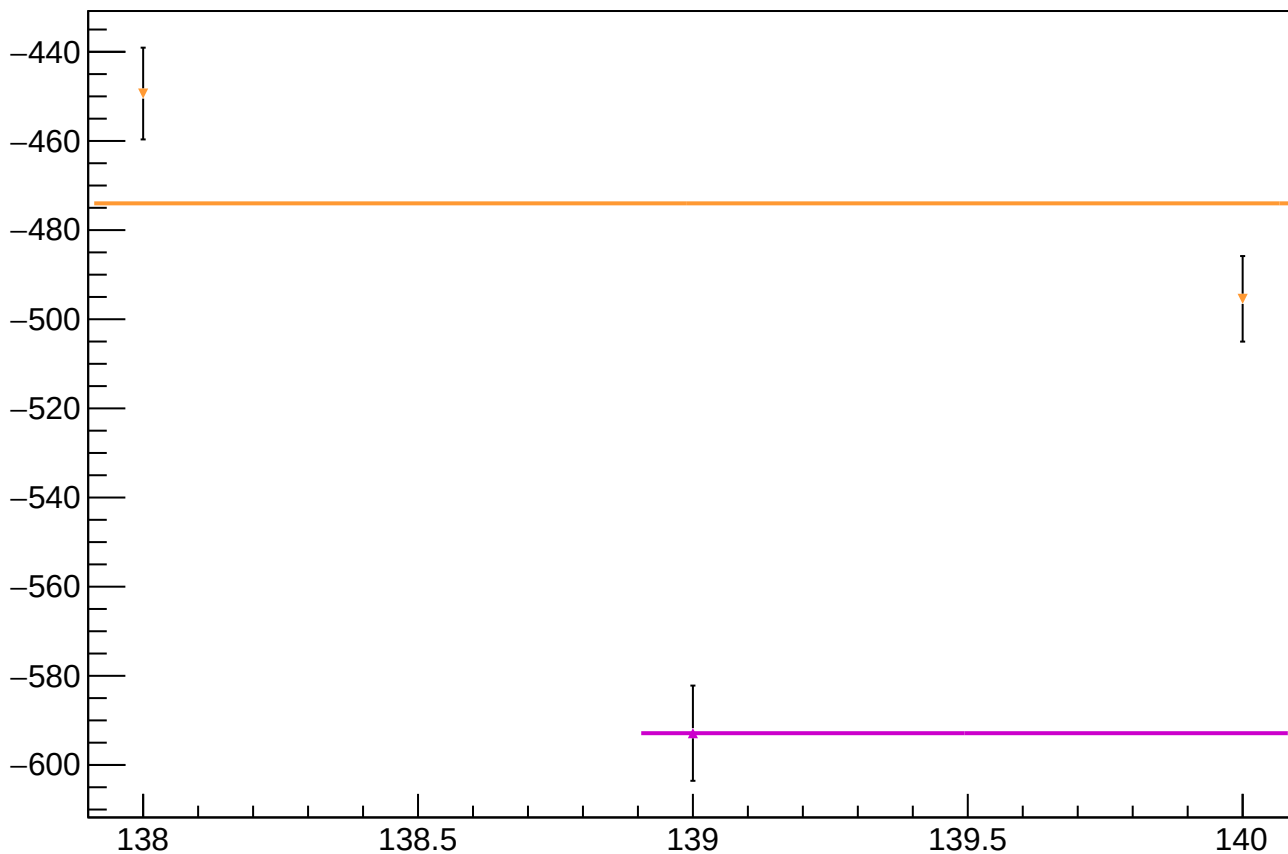
Right: -10.840 ± 0.043 χ^2/NDF : 1137294.9/35

In: -13.991 ± 0.050 χ^2/NDF : 604733.1/17

Out: -20.509 ± 0.049 χ^2/NDF : 606820.5/20

All: -17.326 ± 0.035 χ^2/NDF : 1220240.2/38

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -473.999+/-7.019 χ^2/NDF :10.7/1

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

Left In: -592.872+/-10.680 χ^2/NDF :0.0/0

Left: -509.859+/-5.866 χ^2/NDF : 97.2/2

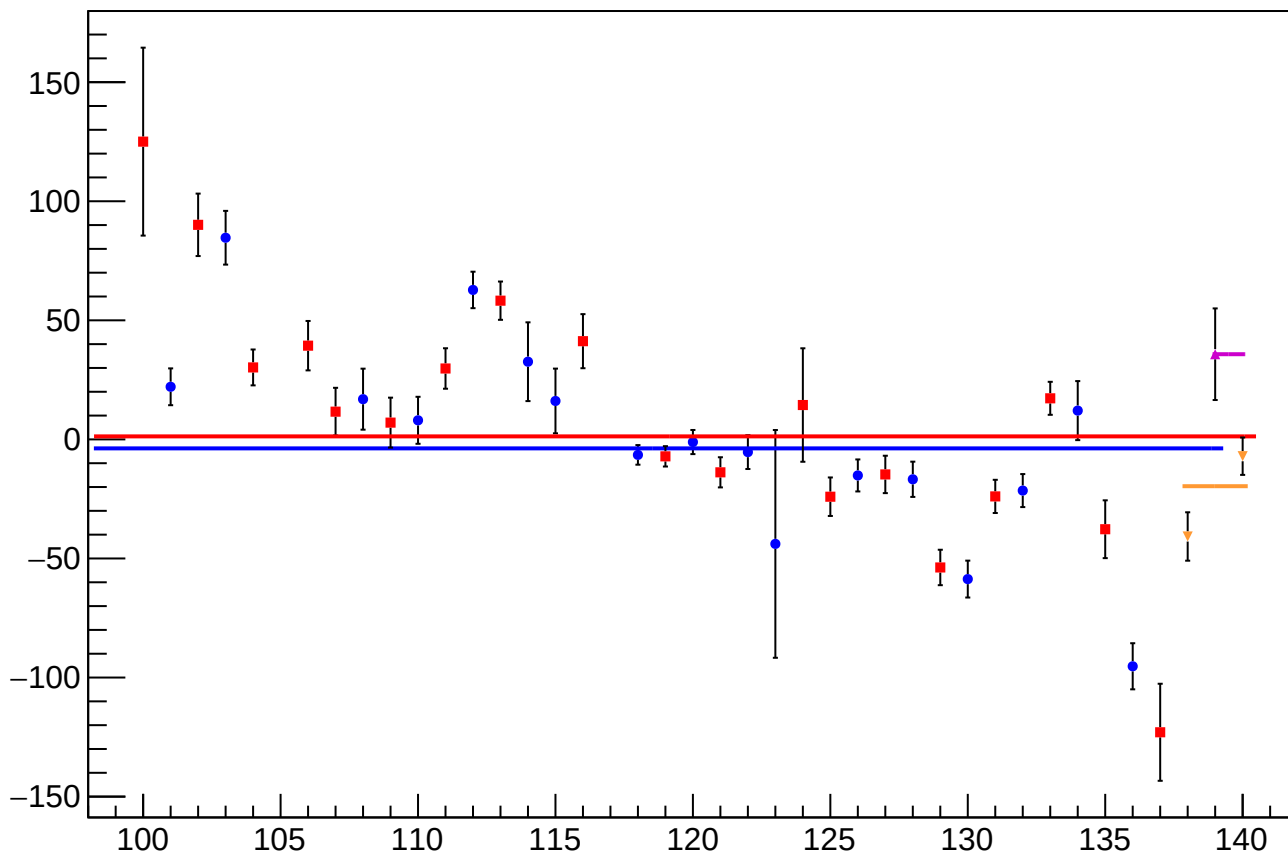
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -592.872+/-10.680 χ^2/NDF :0.0/0

Out: -473.999+/-7.019 χ^2/NDF :10.7/1

All: -509.859+/-5.866 χ^2/NDF : 97.2/2

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: -19.653 ± 6.213 χ^2/NDF : 6.9/1

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

Left In: 35.770 ± 19.233 χ^2/NDF : 0.0/0

Left: -14.416 ± 5.912 χ^2/NDF : 14.4/2

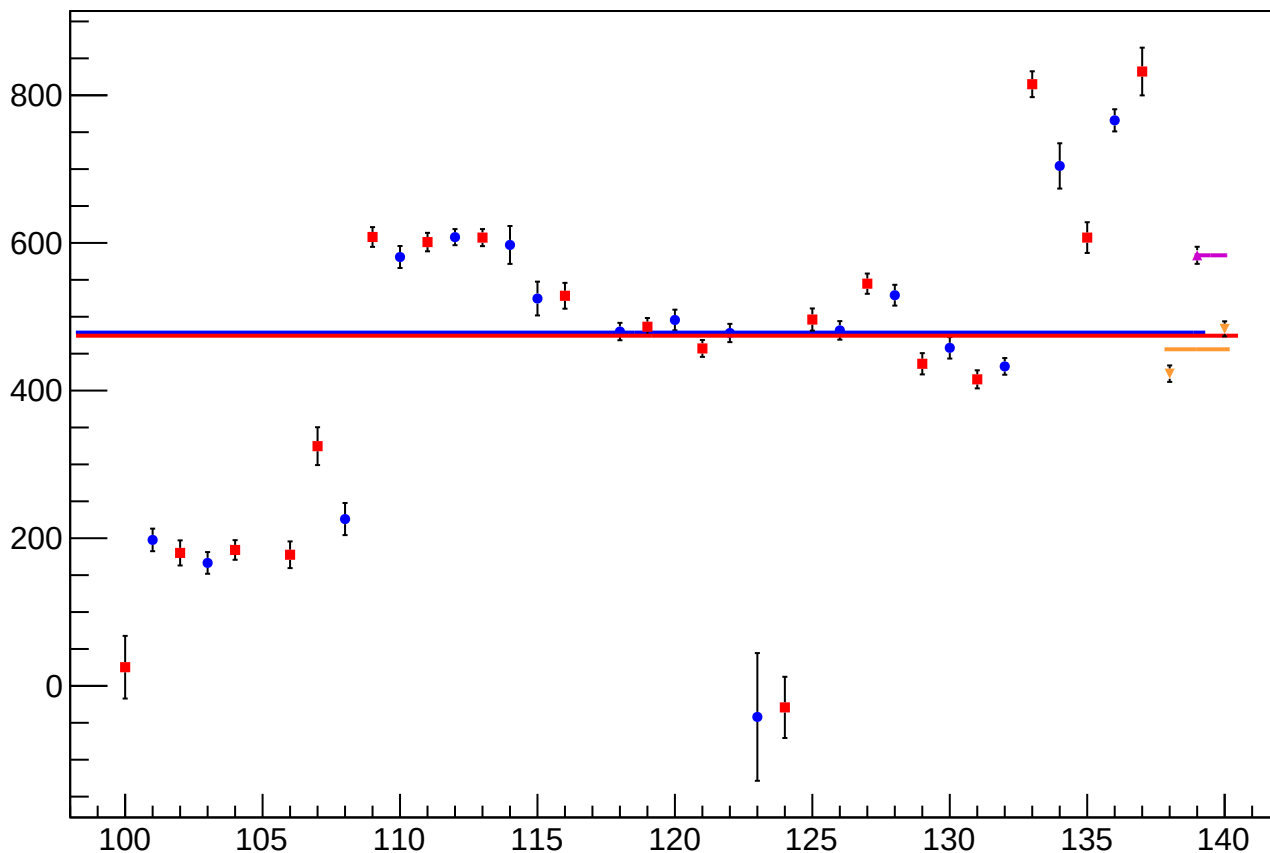
Right: -1.296 ± 1.346 χ^2/NDF : 621.6/35

In: -3.396 ± 1.879 χ^2/NDF : 318.5/17

Out: -0.558 ± 1.835 χ^2/NDF : 321.0/20

All: -1.943 ± 1.313 χ^2/NDF : 640.7/38

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF : 1629.0/16

Left Out: 455.926+/-7.535 χ^2/NDF :16.1/1

Right Out: 474.328+/-3.533 χ^2/NDF : 2287.1/18

Left In: 583.230+/-11.565 χ^2/NDF :0.0/0

Left: 493.863+/-6.314 χ^2/NDF : 101.1/2

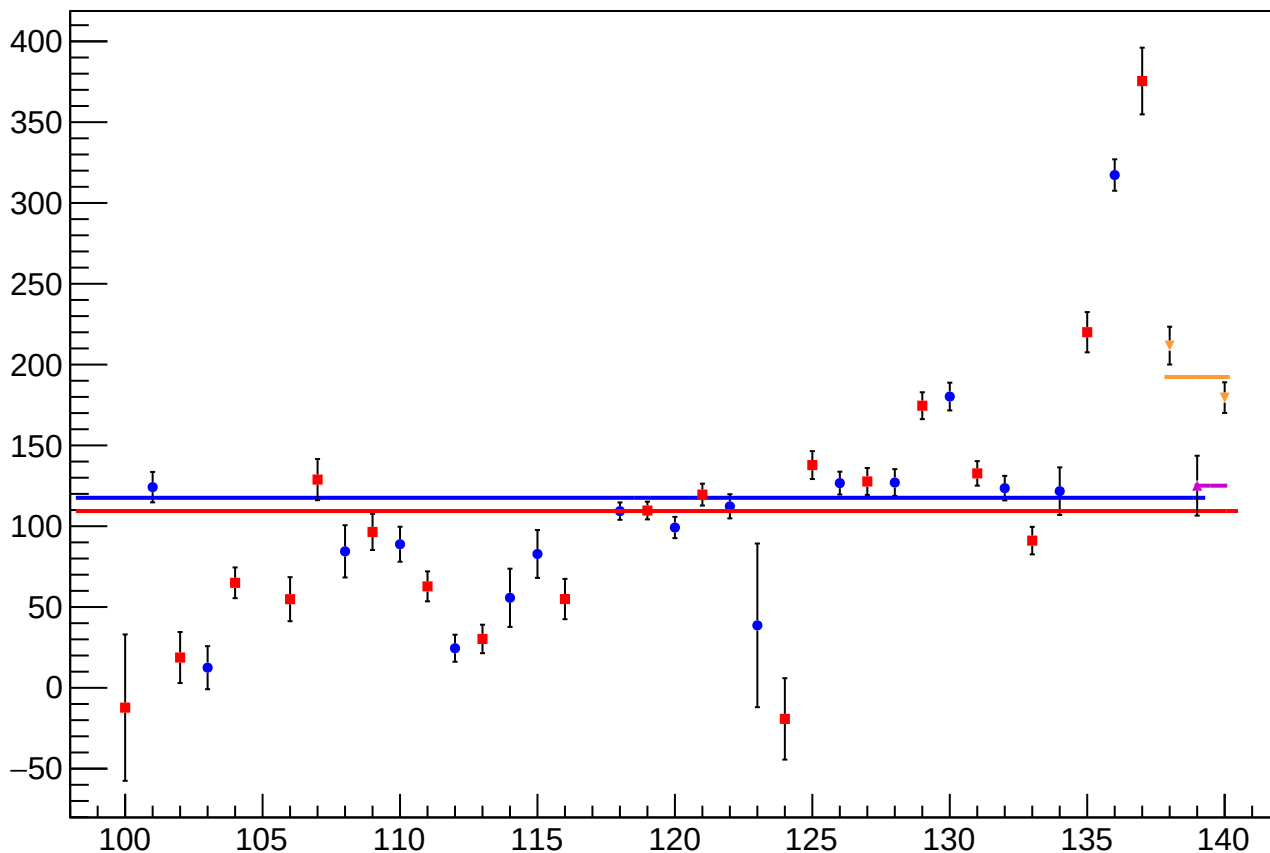
Right: 476.370+/-2.532 χ^2/NDF : 3916.8/35

In: 487.916+/-3.463 χ^2/NDF :1703.6/17

Out: 471.013+/-3.199 χ^2/NDF :2308.1/20

All: 478.793+/-2.350 χ^2/NDF : 4024.6/38

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: 192.310 $\pm$ 7.364 χ^2 /NDF:4.6/1

Right Out: 109.400 $\pm$ 2.210 χ^2 /NDF: 571.2/18

Left In: 125.086 $\pm$ 18.513 χ^2 /NDF:0.0/0

Left: 183.127 $\pm$ 6.842 χ^2 /NDF: 15.9/2

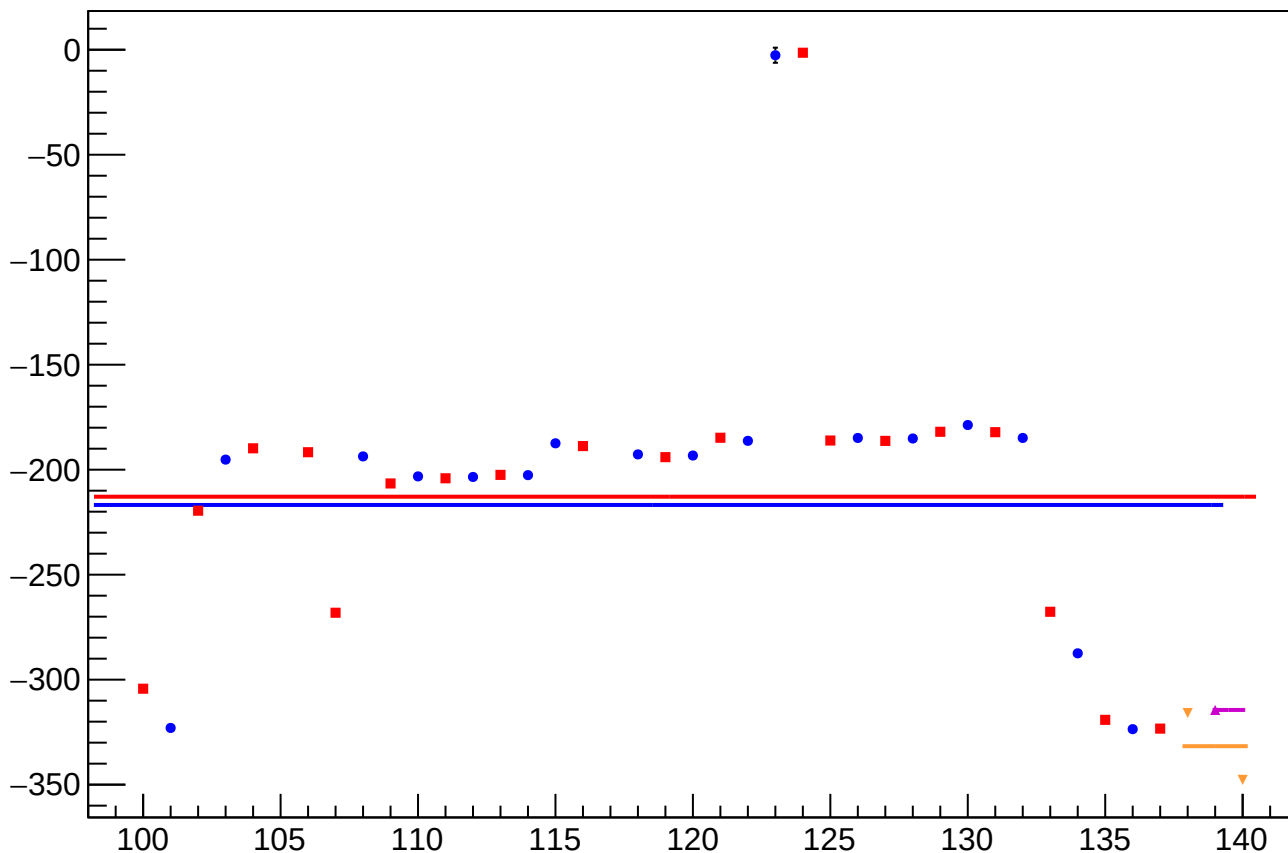
Right: 113.524 $\pm$ 1.557 χ^2 /NDF: 1285.0/35

In: 117.689 $\pm$ 2.178 χ^2 /NDF:707.1/17

Out: 116.249 $\pm$ 2.117 χ^2 /NDF:692.0/20

All: 116.949 $\pm$ 1.518 χ^2 /NDF: 1399.3/38

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: -331.678 ± 0.315 $\chi^2/\text{NDF}: 2555.5/1$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

Left In: -314.423 ± 0.407 $\chi^2/\text{NDF}: 0.0/0$

Left: -325.220 ± 0.249 $\chi^2/\text{NDF}: 3680.1/2$

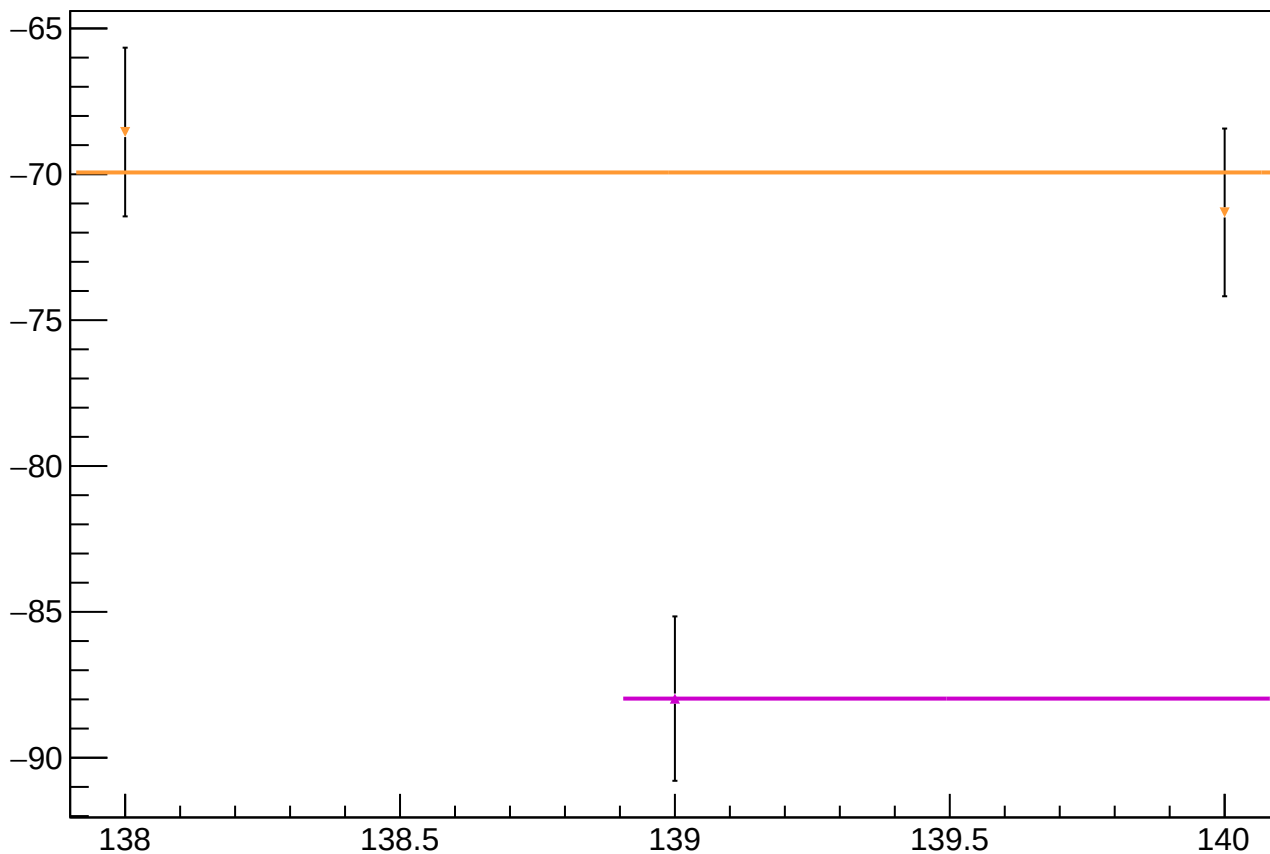
Right: -214.751 ± 0.094 $\chi^2/\text{NDF}: 263806.1/35$

In: -226.556 ± 0.129 $\chi^2/\text{NDF}: 198757.6/17$

Out: -230.215 ± 0.120 $\chi^2/\text{NDF}: 240611.7/20$

All: -228.509 ± 0.088 $\chi^2/\text{NDF}: 439800.9/38$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.937+/-2.039 χ^2/NDF : 0.5/1

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

Left In: -87.973+/-2.818 χ^2/NDF : 0.0/0

Left: -76.134+/-1.652 χ^2/NDF : 27.4/2

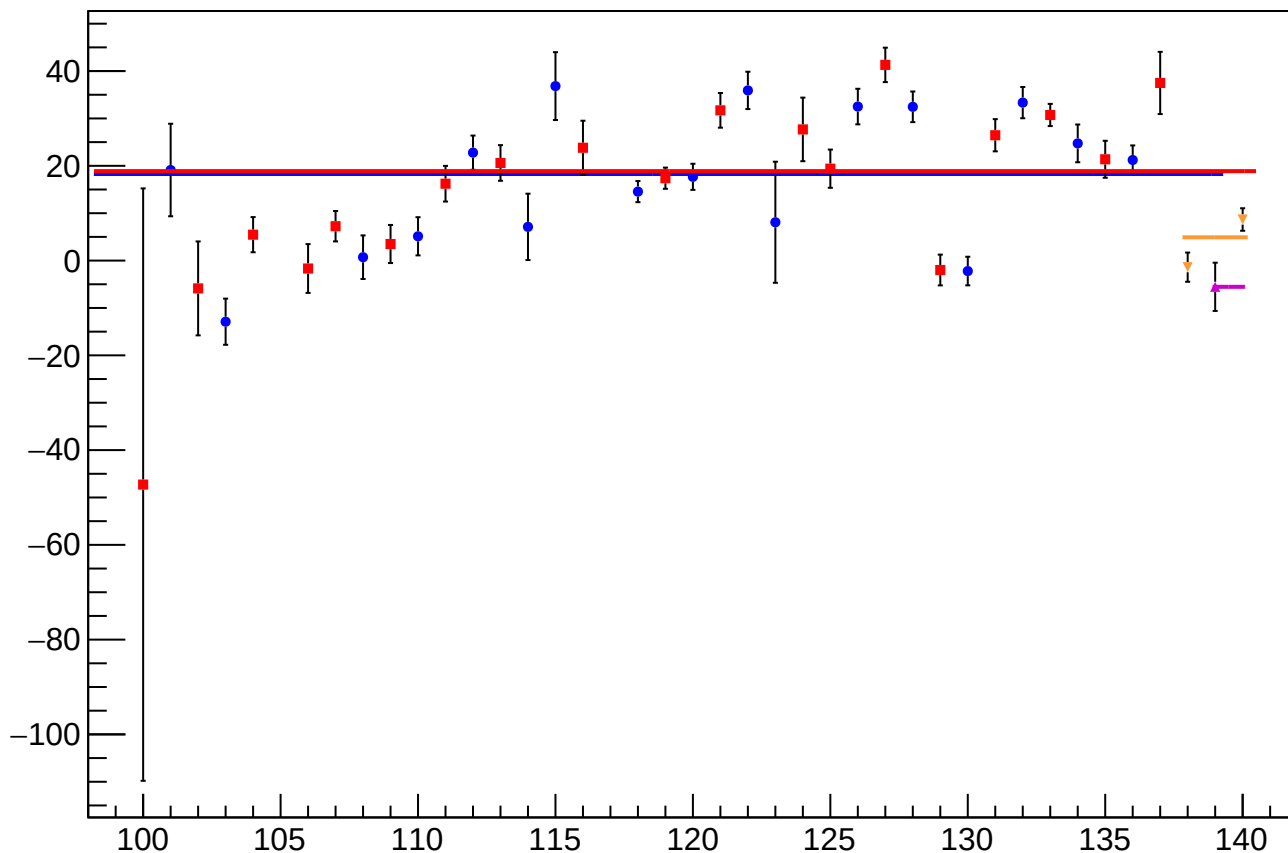
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.973+/-2.818 χ^2/NDF : 0.0/0

Out: -69.937+/-2.039 χ^2/NDF : 0.5/1

All: -76.134+/-1.652 χ^2/NDF : 27.4/2

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 4.917 $\pm$ 1.880 χ^2 /NDF: 6.7/1

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

Left In: -5.538 $\pm$ 5.092 χ^2 /NDF: 0.0/0

Left: 3.662 $\pm$ 1.764 χ^2 /NDF: 10.4/2

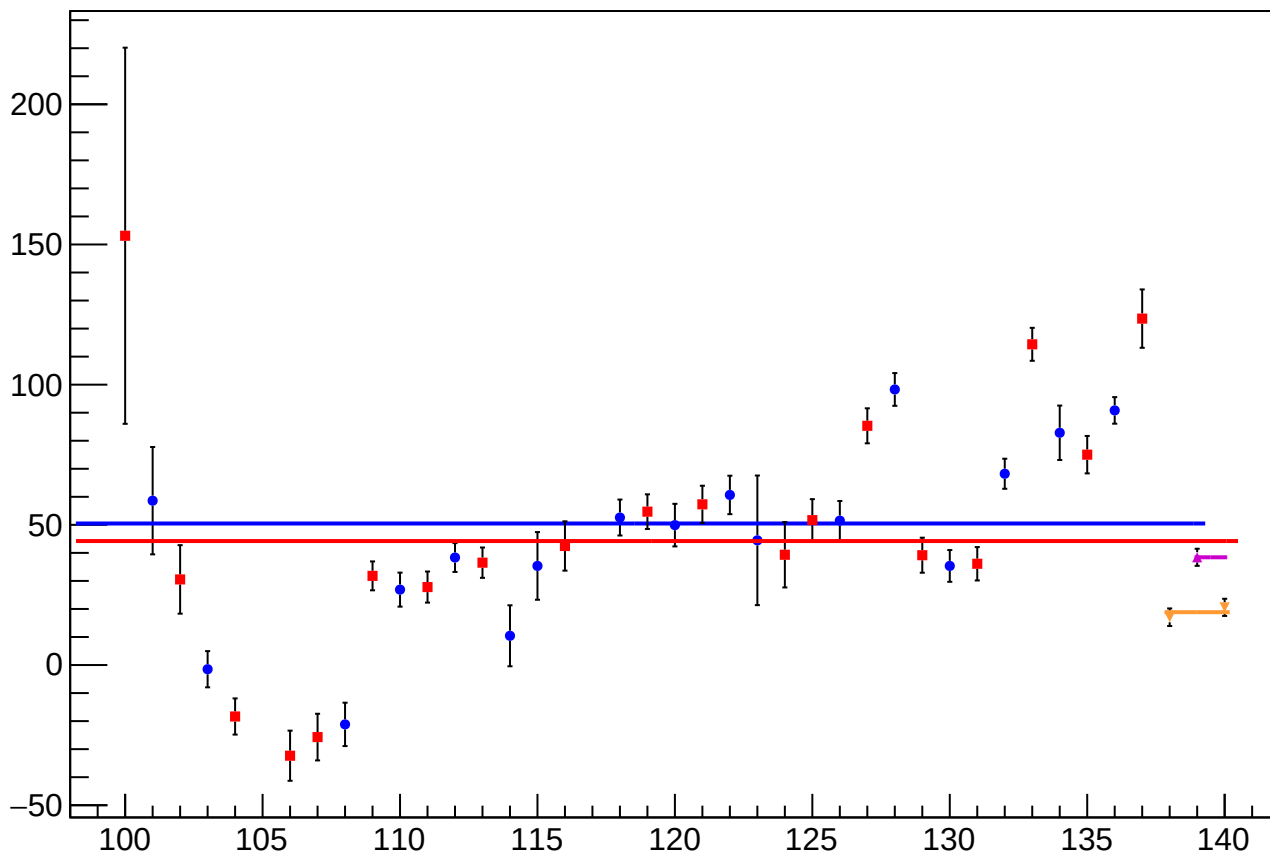
Right: 18.595 $\pm$ 0.625 χ^2 /NDF: 403.2/35

In: 17.549 $\pm$ 0.892 χ^2 /NDF: 225.8/17

Out: 16.446 $\pm$ 0.785 χ^2 /NDF: 250.7/20

All: 16.928 $\pm$ 0.589 χ^2 /NDF: 477.3/38

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: 18.854 $\pm$ 2.191 χ^2 /NDF:0.6/1

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

Left In: 38.430 $\pm$ 3.049 χ^2 /NDF:0.0/0

Left: 25.519 $\pm$ 1.779 χ^2 /NDF: 27.8/2

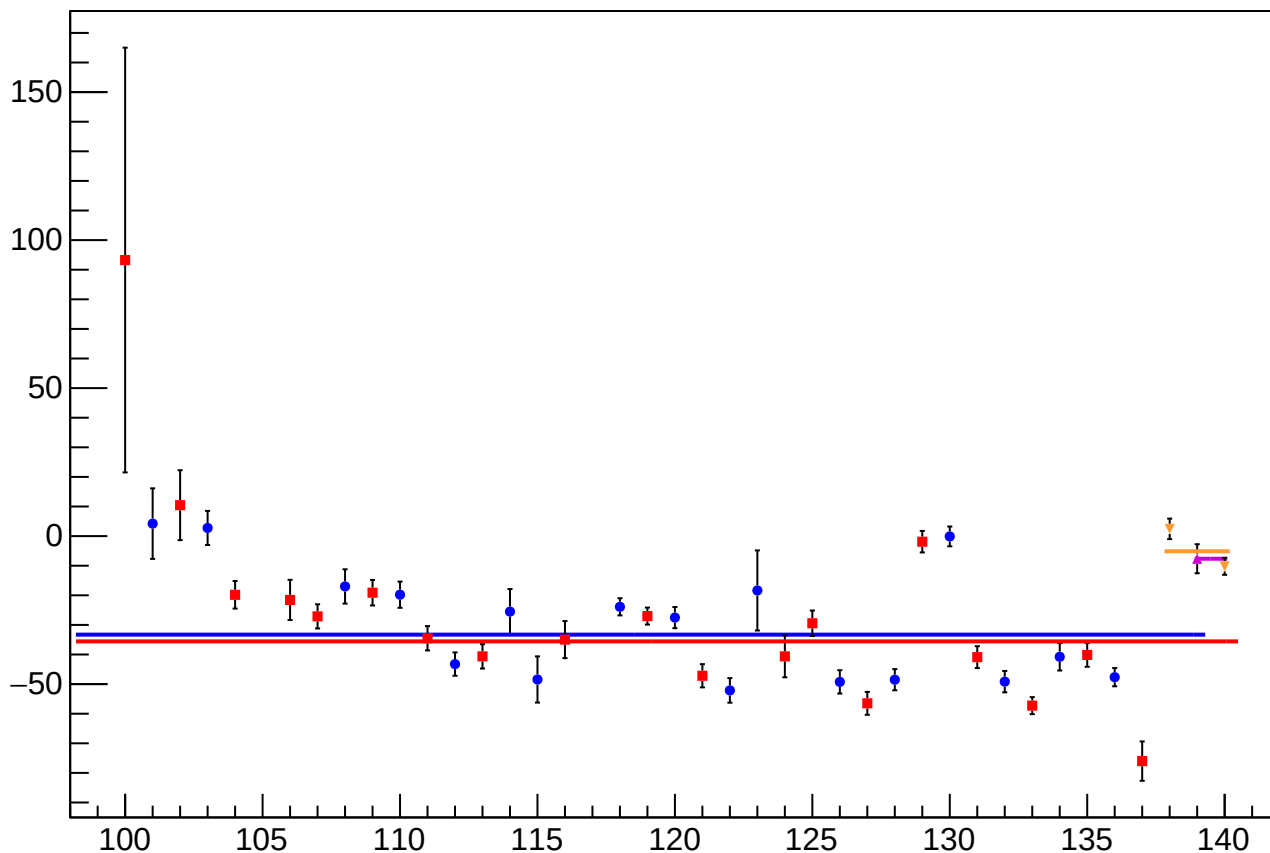
Right: 47.226 $\pm$ 1.156 χ^2 /NDF: 899.6/35

In: 47.706 $\pm$ 1.463 χ^2 /NDF:369.9/17

Out: 35.380 $\pm$ 1.293 χ^2 /NDF:622.4/20

All: 40.786 $\pm$ 0.969 χ^2 /NDF: 1032.1/38

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 $\chi^2/\text{NDF}: 289.1/16$

Left Out: -5.113 ± 2.204 $\chi^2/\text{NDF}: 7.9/1$

Right Out: -35.566 ± 0.992 $\chi^2/\text{NDF}: 287.6/18$

Left In: -7.641 ± 4.904 $\chi^2/\text{NDF}: 0.0/0$

Left: -5.538 ± 2.010 $\chi^2/\text{NDF}: 8.2/2$

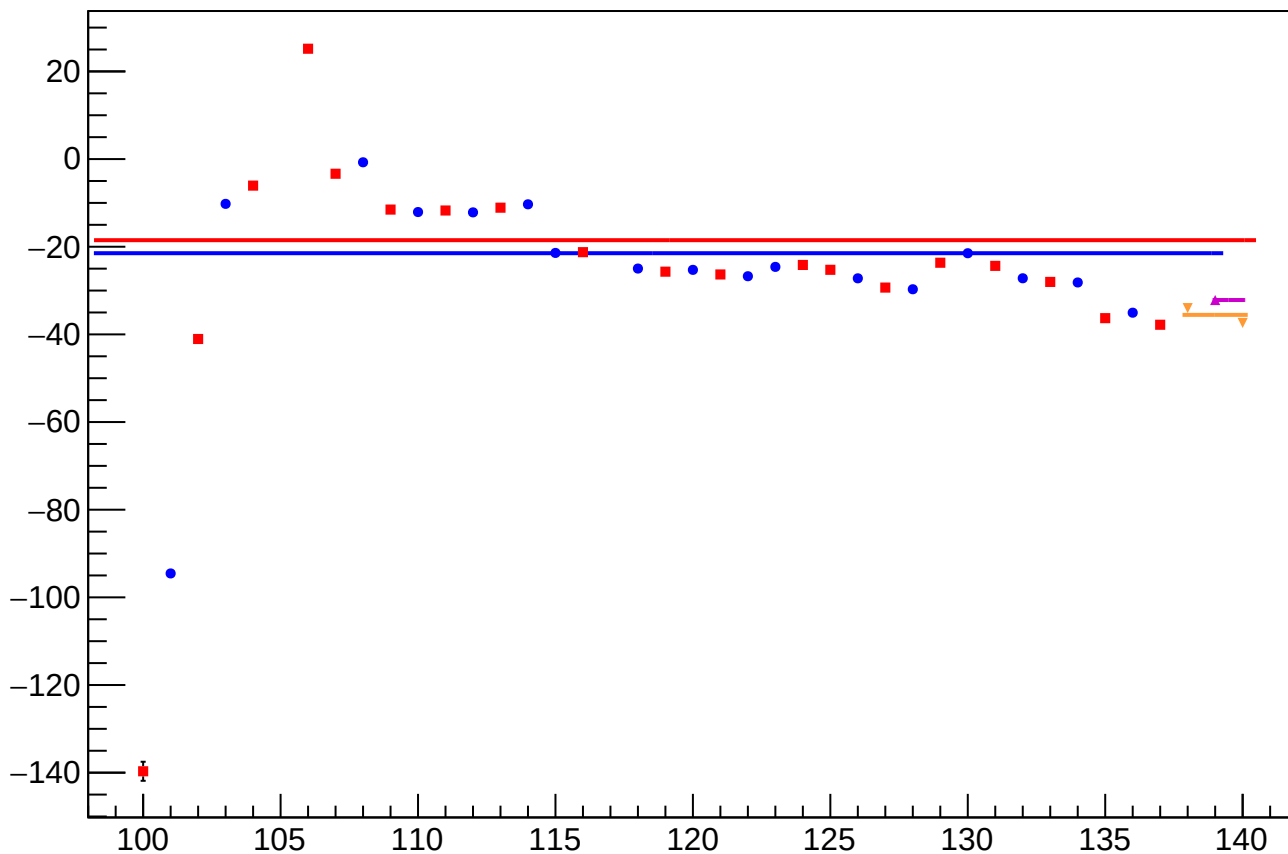
Right: -34.474 ± 0.716 $\chi^2/\text{NDF}: 579.3/35$

In: -32.202 ± 1.011 $\chi^2/\text{NDF}: 315.3/17$

Out: -30.431 ± 0.905 $\chi^2/\text{NDF}: 454.3/20$

All: -31.219 ± 0.674 $\chi^2/\text{NDF}: 771.3/38$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF : 49009.8/16

Left Out: -35.547+/-0.090 χ^2/NDF :350.1/1

Right Out: -18.506+/-0.057 χ^2/NDF : 80734.5/18

Left In: -32.155+/-0.108 χ^2/NDF :0.0/0

Left: -34.150+/-0.069 χ^2/NDF : 934.1/2

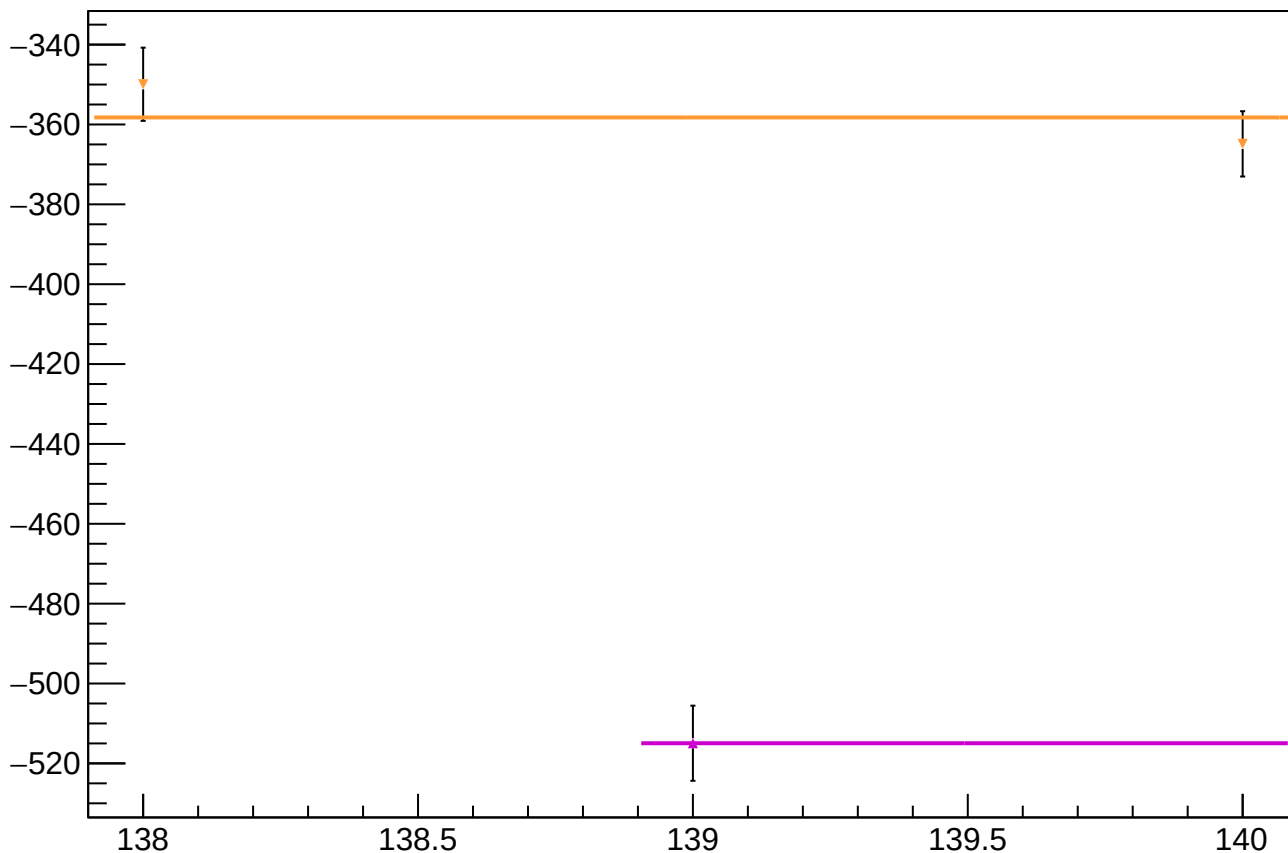
Right: -19.957+/-0.041 χ^2/NDF : 131054.3/35

In: -23.924+/-0.052 χ^2/NDF :56600.2/17

Out: -23.420+/-0.048 χ^2/NDF :106548.4/20

All: -23.656+/-0.035 χ^2/NDF : 163199.3/38

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -358.246 $\pm$ 6.101 χ^2/NDF : 1.5/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -514.954 $\pm$ 9.407 χ^2/NDF : 0.0/0

Left: -404.645 $\pm$ 5.119 χ^2/NDF : 196.8/2

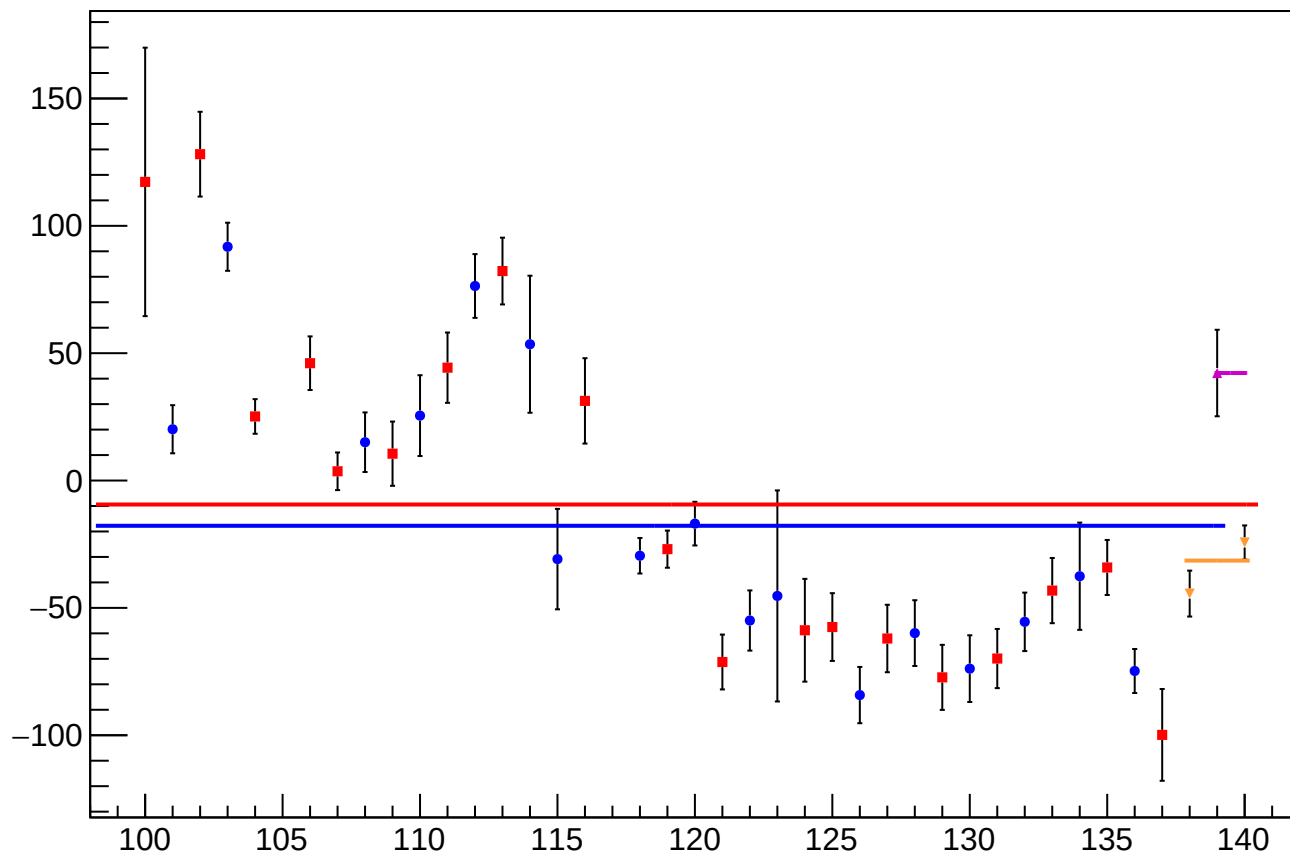
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -514.954 $\pm$ 9.407 χ^2/NDF : 0.0/0

Out: -358.246 $\pm$ 6.101 χ^2/NDF : 1.5/1

All: -404.645 $\pm$ 5.119 χ^2/NDF : 196.8/2

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: -31.433 ± 5.369 χ^2/NDF : 3.2/1

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

Left In: 42.212 ± 16.982 χ^2/NDF : 0.0/0

Left: -24.740 ± 5.119 χ^2/NDF : 20.3/2

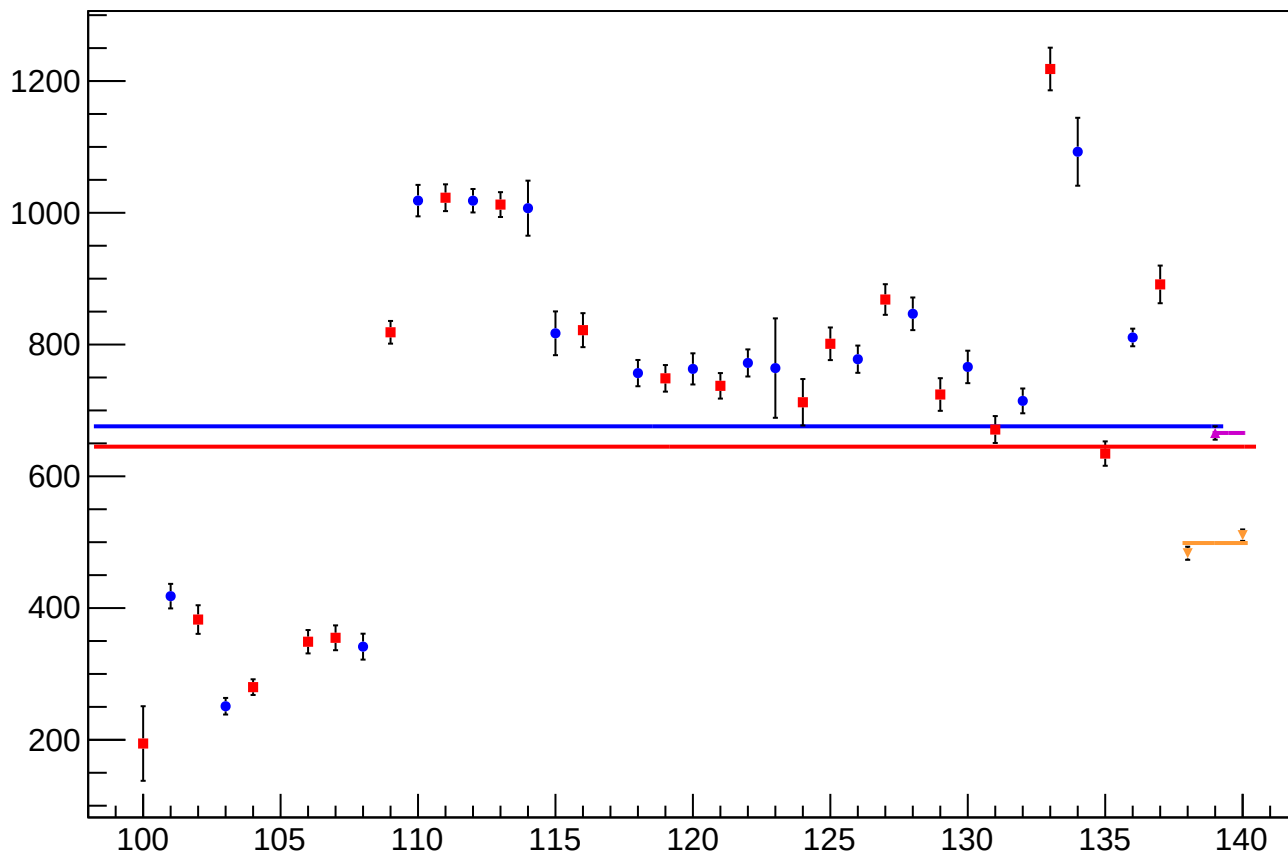
Right: -13.331 ± 1.905 χ^2/NDF : 738.2/35

In: -16.198 ± 2.745 χ^2/NDF : 376.0/17

Out: -13.633 ± 2.350 χ^2/NDF : 386.4/20

All: -14.718 ± 1.785 χ^2/NDF : 762.9/38

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF : 2586.4/16

Left Out: 498.739+/-6.547 χ^2/NDF : 4.3/1

Right Out: 645.014+/-4.761 χ^2/NDF : 3123.3/18

Left In: 665.799+/-10.182 χ^2/NDF : 0.0/0

Left: 547.602+/-5.507 χ^2/NDF : 194.8/2

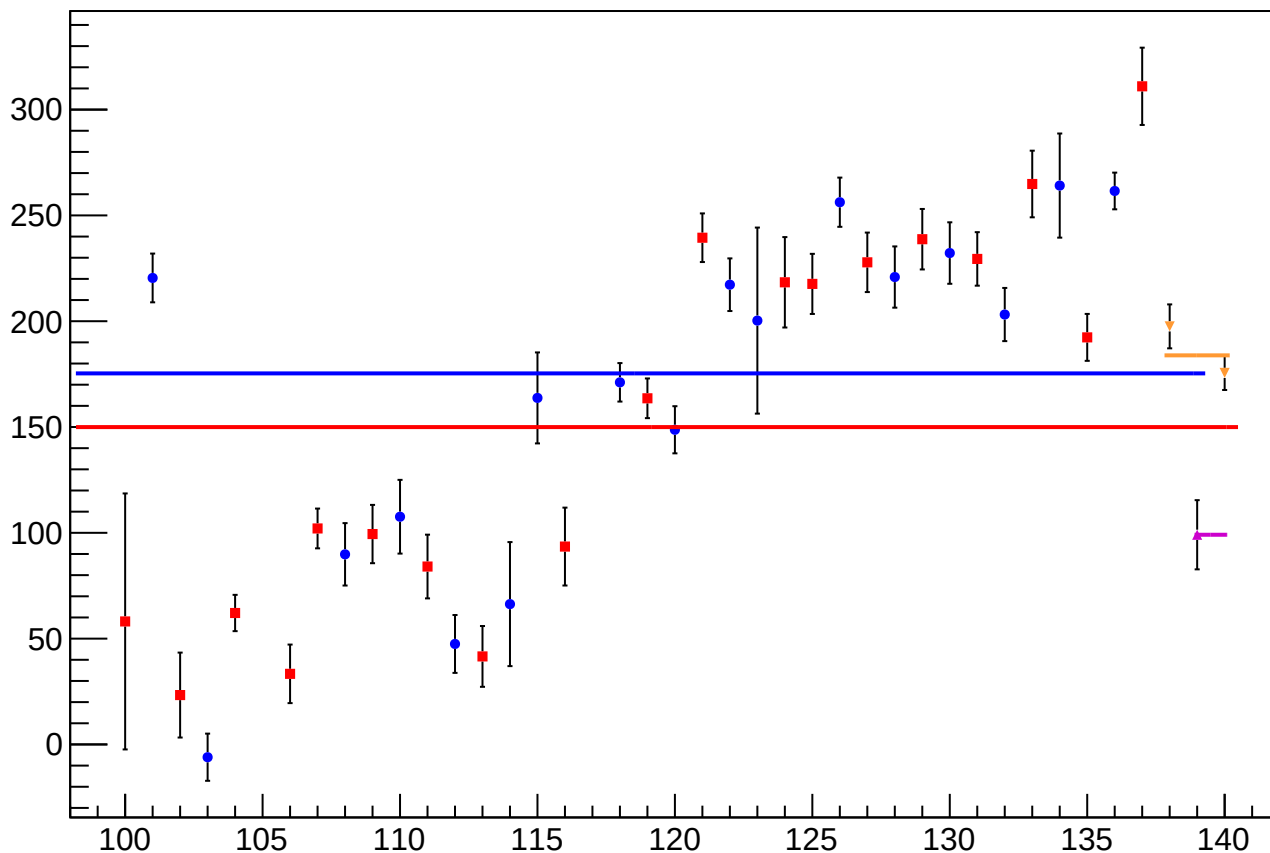
Right: 659.573+/-3.460 χ^2/NDF : 5729.5/35

In: 673.891+/-4.515 χ^2/NDF : 2587.2/17

Out: 594.414+/-3.850 χ^2/NDF : 3454.1/20

All: 627.879+/-2.930 χ^2/NDF : 6220.7/38

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF : 638.5/16

Left Out: 183.867+/-6.376 χ^2/NDF : 2.8/1

Right Out: 149.966+/-3.045 χ^2/NDF : 693.2/18

Left In: 99.088+/-16.350 χ^2/NDF : 0.0/0

Left: 172.677+/-5.940 χ^2/NDF : 26.1/2

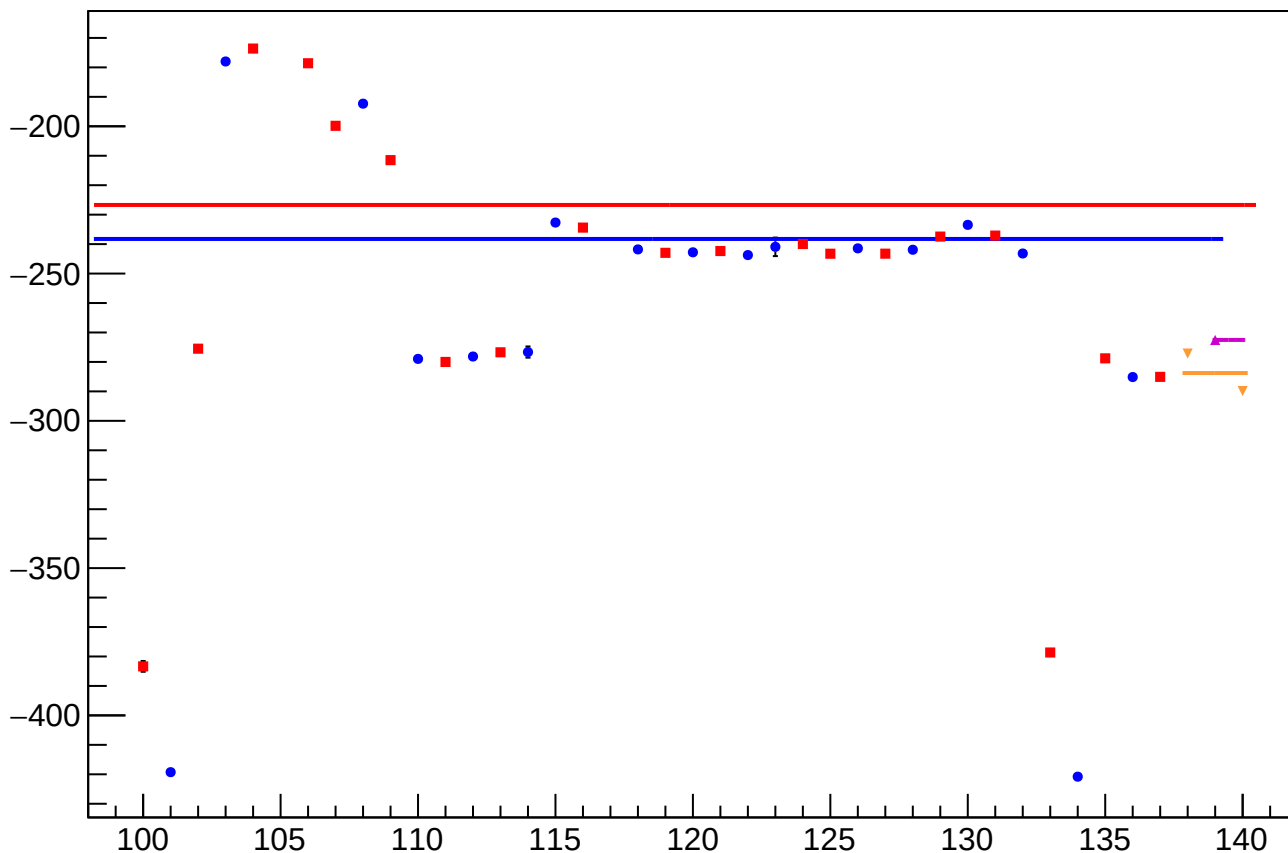
Right: 162.013+/-2.207 χ^2/NDF : 1364.6/35

In: 172.523+/-3.143 χ^2/NDF : 659.4/17

Out: 156.263+/-2.748 χ^2/NDF : 719.0/20

All: 163.307+/-2.069 χ^2/NDF : 1393.5/38

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -283.763+/-0.274 χ^2/NDF : 537.4/1

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

Left In: -272.527+/-0.359 χ^2/NDF : 0.0/0

Left: -279.629+/-0.218 χ^2/NDF : 1154.9/2

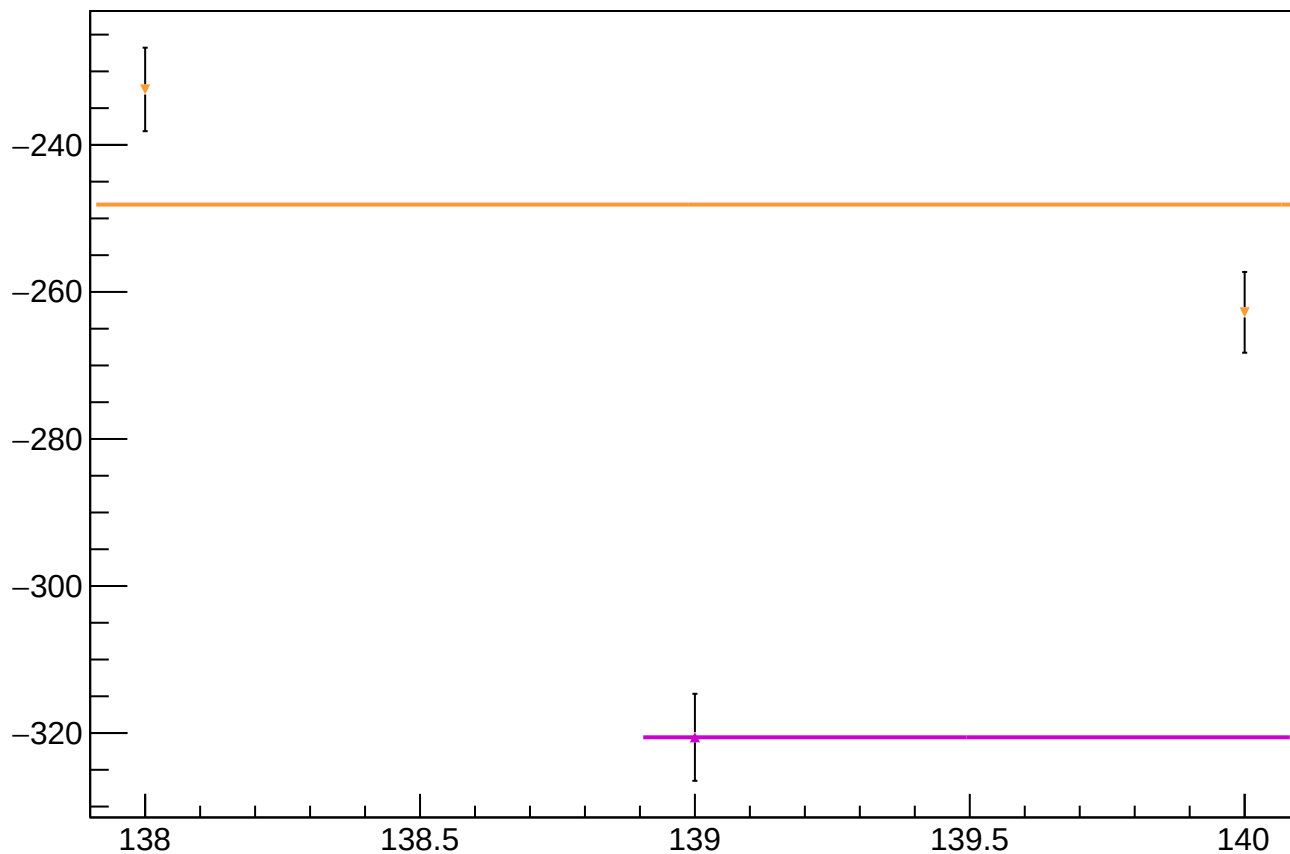
Right: -232.150+/-0.110 χ^2/NDF : 272709.4/35

In: -243.912+/-0.146 χ^2/NDF : 174717.3/17

Out: -239.992+/-0.132 χ^2/NDF : 136571.8/20

All: -241.759+/-0.098 χ^2/NDF : 311684.5/38

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: -248.121+/-3.949 χ^2/NDF :14.7/1

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

Left In: -320.579+/-5.916 χ^2/NDF :0.0/0

Left: -270.454+/-3.285 χ^2/NDF : 118.5/2

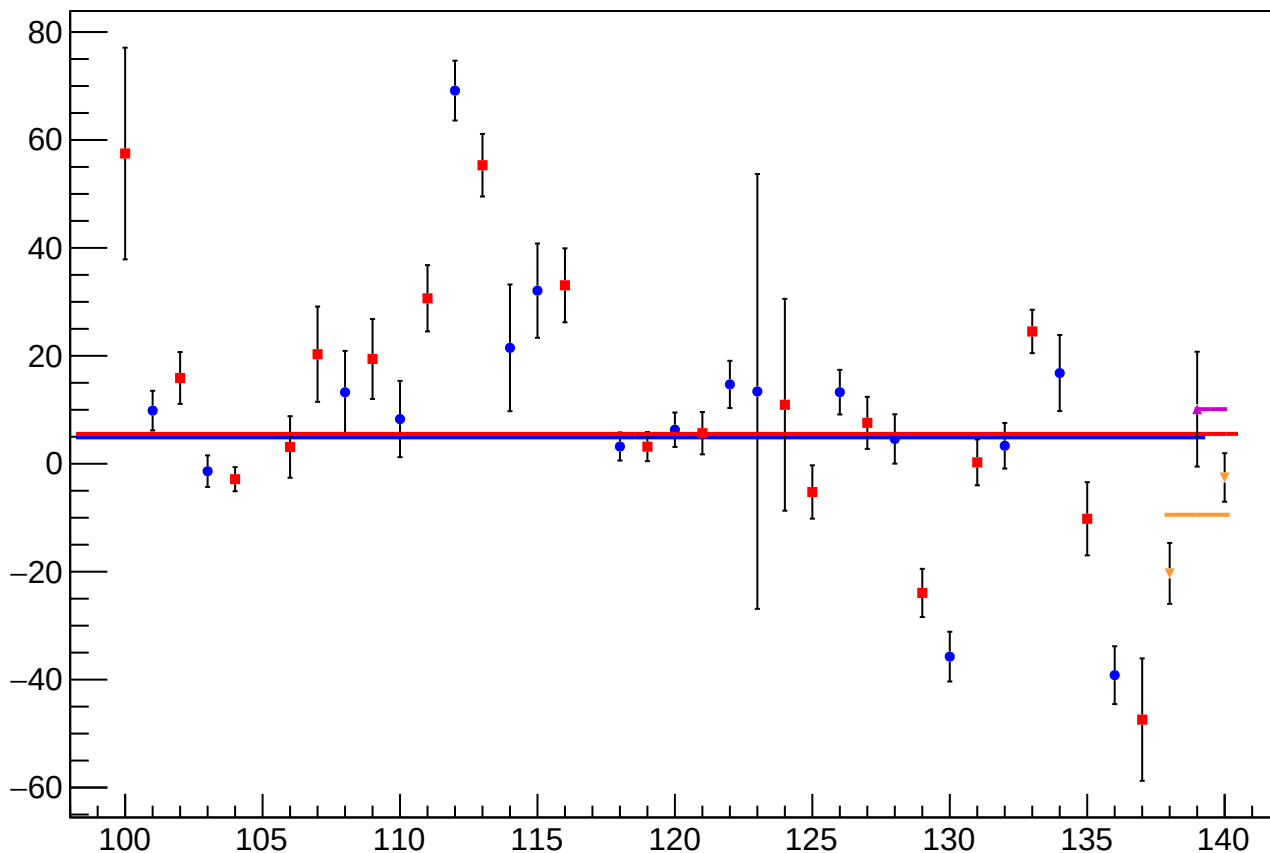
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -320.579+/-5.916 χ^2/NDF :0.0/0

Out: -248.121+/-3.949 χ^2/NDF :14.7/1

All: -270.454+/-3.285 χ^2/NDF : 118.5/2

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896+/-1.089 χ^2/NDF : 312.0/16

Left Out: -9.452+/-3.517 χ^2/NDF : 6.1/1

Right Out: 5.534+/-1.071 χ^2/NDF : 239.1/18

Left In: 10.116+/-10.644 χ^2/NDF : 0.0/0

Left: -7.527+/-3.339 χ^2/NDF : 9.1/2

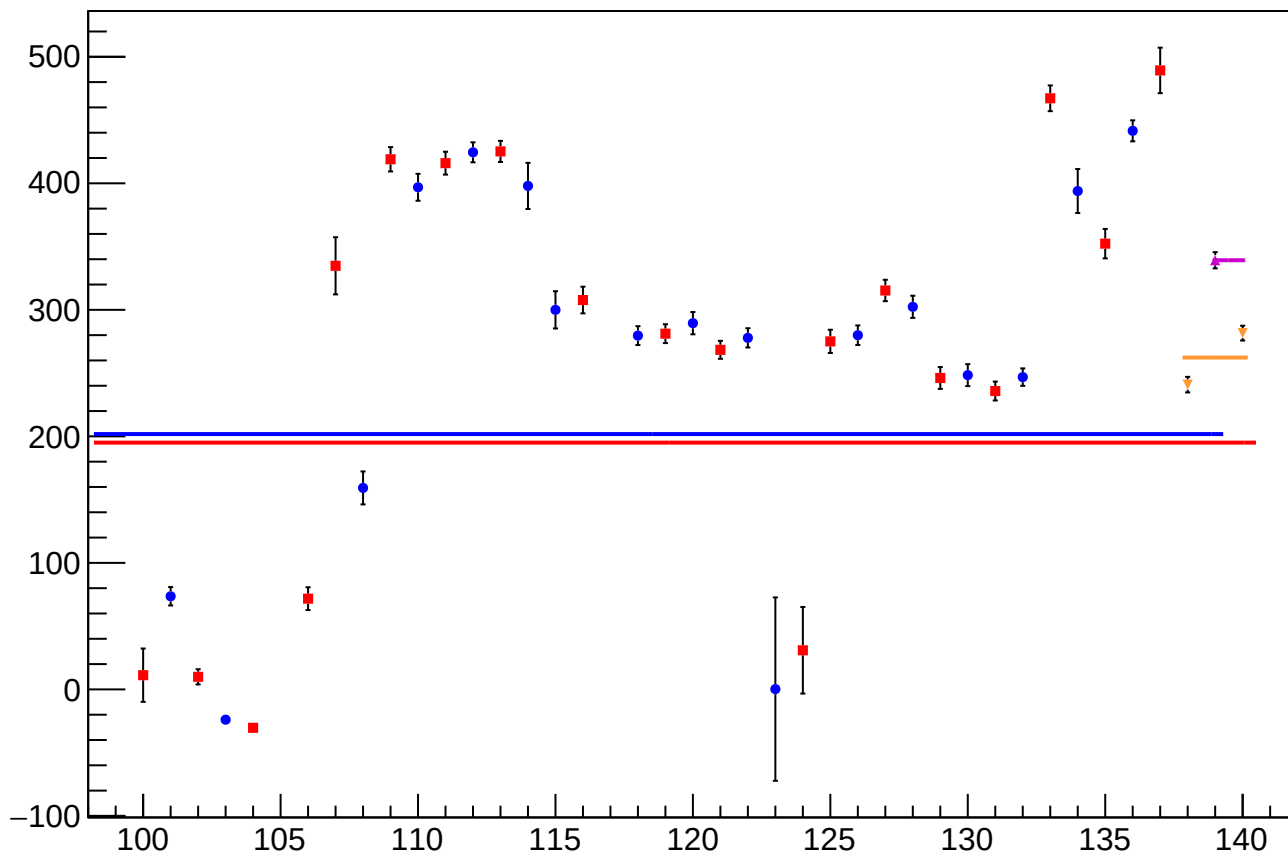
Right: 5.220+/-0.764 χ^2/NDF : 551.3/35

In: 4.950+/-1.083 χ^2/NDF : 312.2/17

Out: 4.261+/-1.025 χ^2/NDF : 261.8/20

All: 4.587+/-0.744 χ^2/NDF : 574.2/38

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: 262.286 $\pm$ 4.241 χ^2 /NDF:23.0/1

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

Left In: 339.193 $\pm$ 6.408 χ^2 /NDF:0.0/0

Left: 285.715 $\pm$ 3.537 χ^2 /NDF: 123.2/2

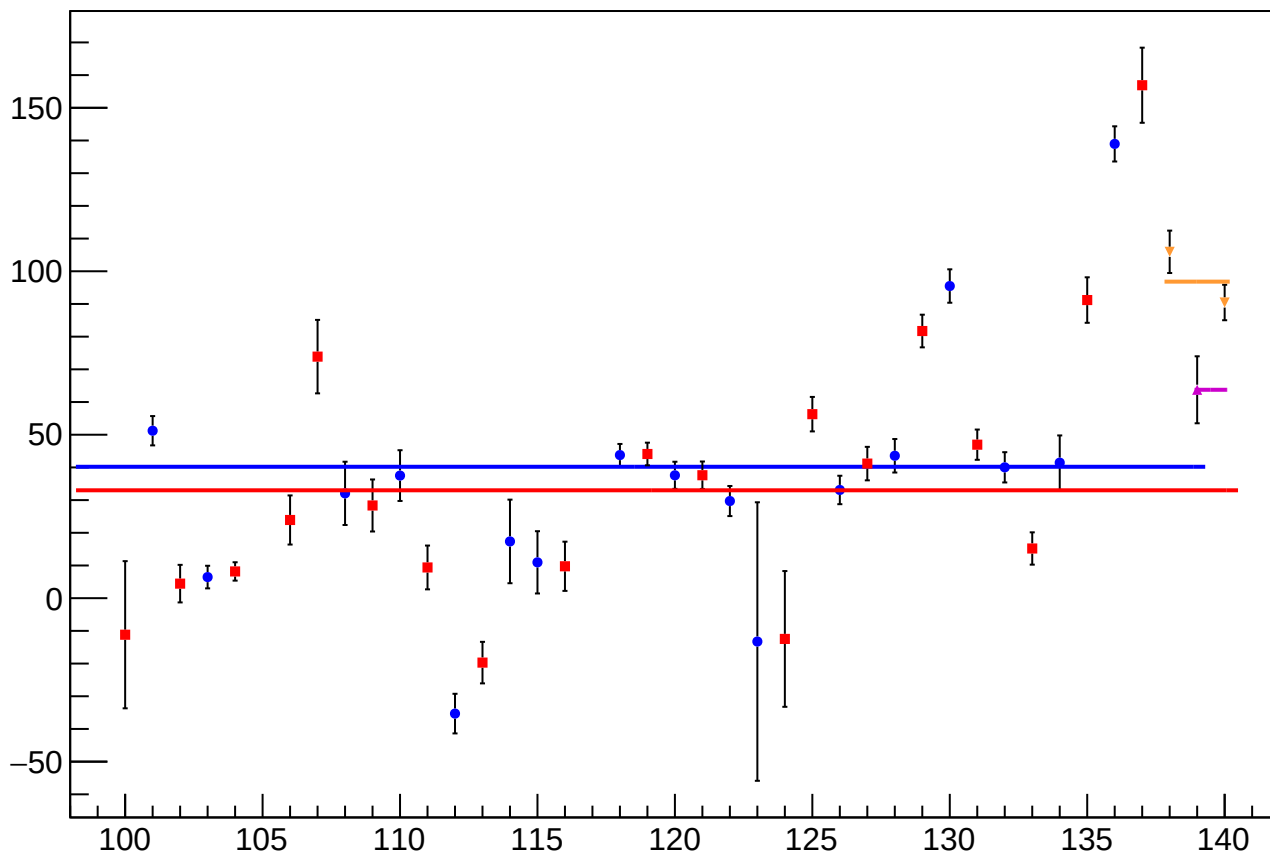
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 213.676 $\pm$ 1.883 χ^2 /NDF:7174.2/17

Out: 206.532 $\pm$ 1.752 χ^2 /NDF:8488.5/20

All: 209.847 $\pm$ 1.283 χ^2 /NDF: 15670.4/38

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: 96.828 $\pm$ 4.160 χ^2 /NDF:3.4/1

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

Left In: 63.747 $\pm$ 10.245 χ^2 /NDF:0.0/0

Left: 92.145 $\pm$ 3.855 χ^2 /NDF: 12.3/2

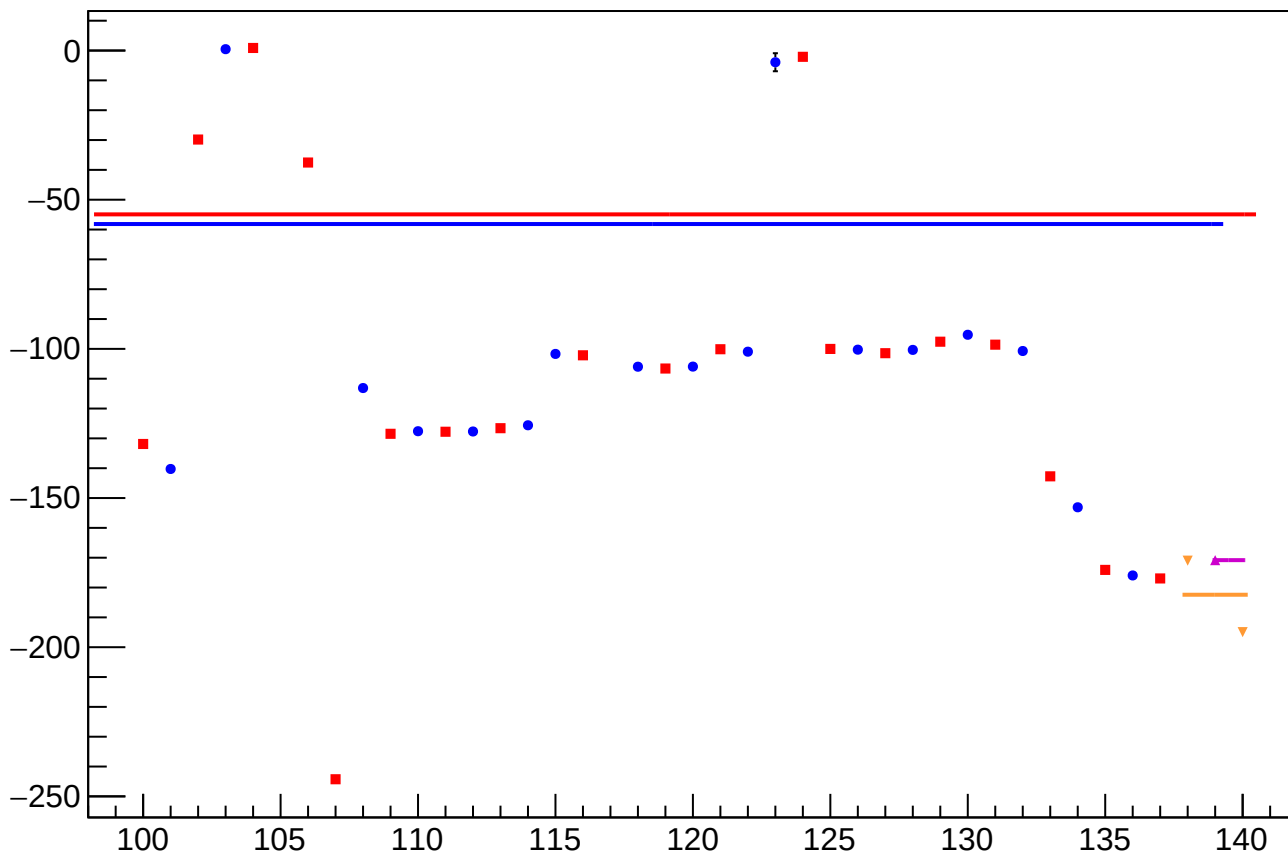
Right: 36.555 $\pm$ 0.891 χ^2 /NDF: 1305.3/35

In: 40.551 $\pm$ 1.258 χ^2 /NDF:740.2/17

Out: 38.304 $\pm$ 1.199 χ^2 /NDF:773.3/20

All: 39.374 $\pm$ 0.868 χ^2 /NDF: 1515.1/38

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: -182.414+/-0.177 χ^2/NDF : 4592.5/1

Right Out: -54.914+/-0.060 χ^2/NDF : 1003885.5/18

Left In: -170.817+/-0.225 χ^2/NDF : 0.0/0

Left: -178.001+/-0.139 χ^2/NDF : 6233.4/2

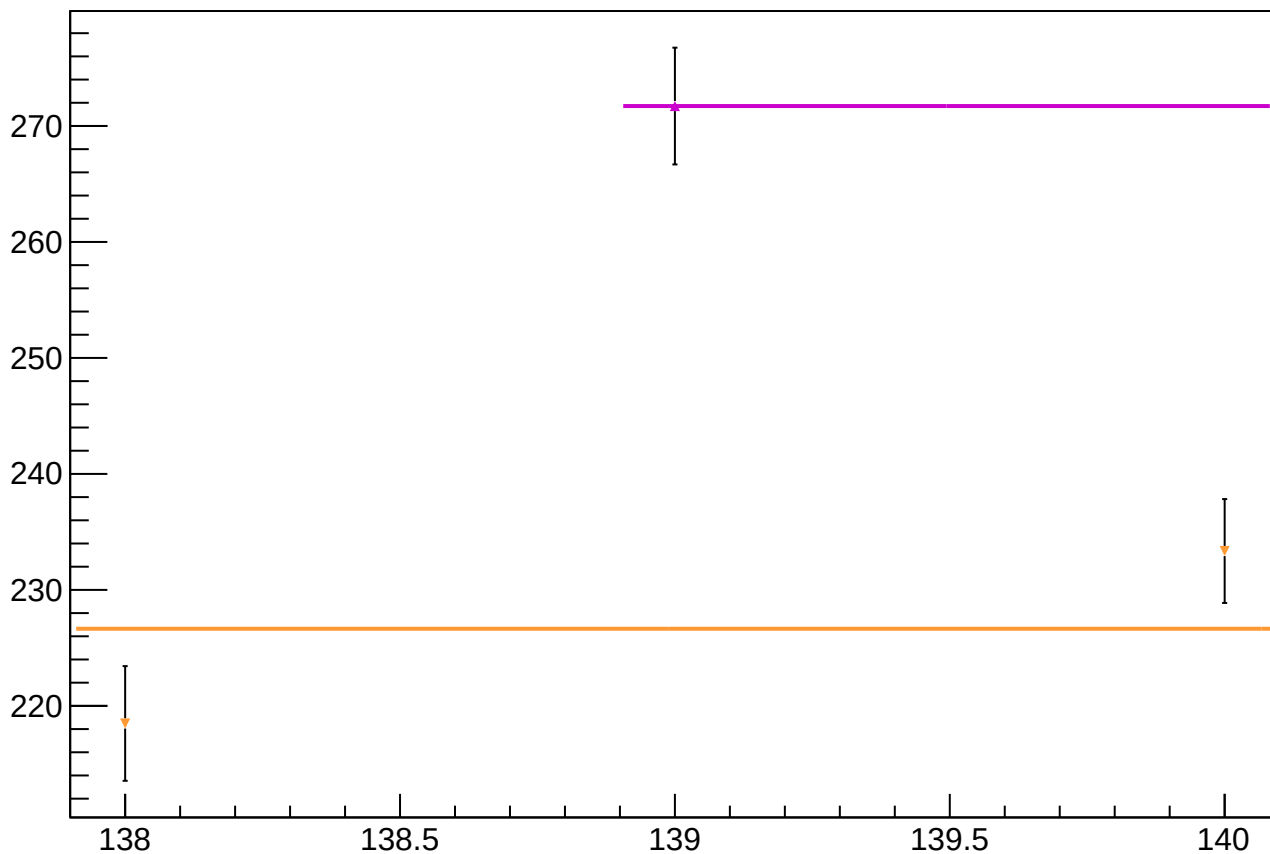
Right: -56.499+/-0.043 χ^2/NDF : 2110811.0/35

In: -65.984+/-0.059 χ^2/NDF : 1338142.5/17

Out: -68.195+/-0.057 χ^2/NDF : 1475408.5/20

All: -67.135+/-0.041 χ^2/NDF : 2814272.7/38

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: 226.651±/-3.319 χ^2 /NDF:5.0/1

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

Left In: 271.718±/-5.034 χ^2 /NDF:0.0/0

Left: 240.305±/-2.771 χ^2 /NDF: 60.8/2

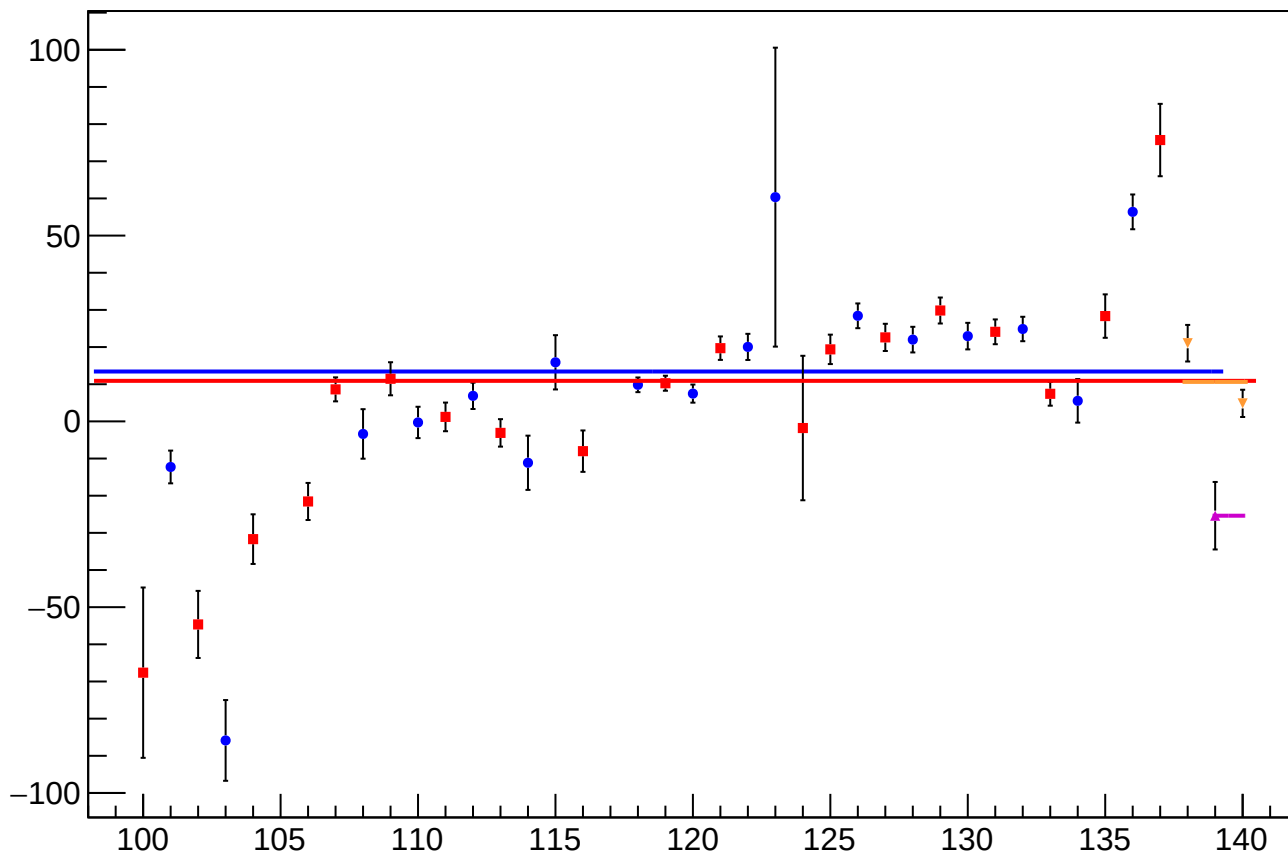
Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0

In: 271.718±/-5.034 χ^2 /NDF:0.0/0

Out: 226.651±/-3.319 χ^2 /NDF:5.0/1

All: 240.305±/-2.771 χ^2 /NDF: 60.8/2

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: 10.625+/-2.941 χ^2/NDF : 7.0/1

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

Left In: -25.386+/-9.084 χ^2/NDF : 0.0/0

Left: 7.208+/-2.798 χ^2/NDF : 21.2/2

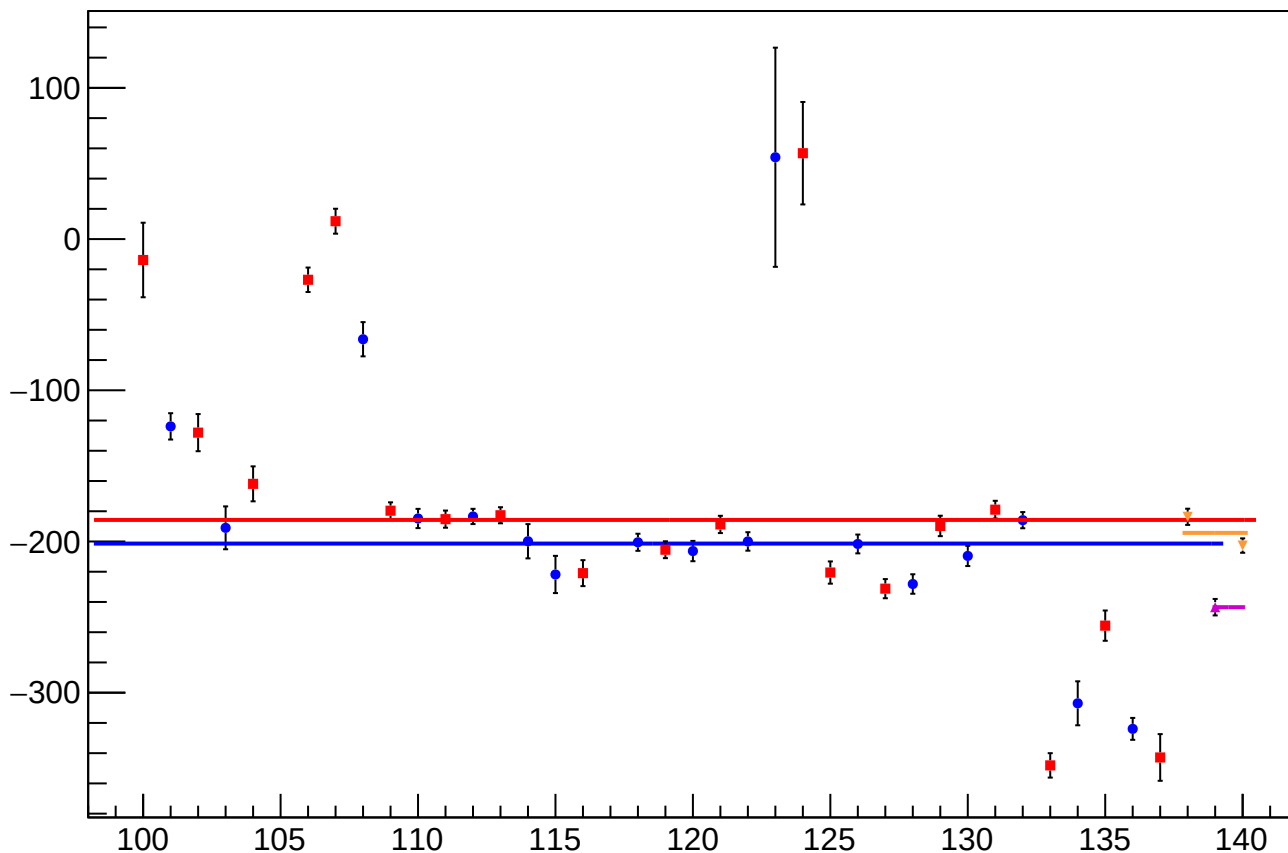
Right: 12.160+/-0.649 χ^2/NDF : 601.6/35

In: 13.029+/-0.915 χ^2/NDF : 313.3/17

Out: 10.883+/-0.875 χ^2/NDF : 309.6/20

All: 11.908+/-0.632 χ^2/NDF : 625.7/38

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: -194.295 ± 3.562 χ^2/NDF : 7.0/1

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

Left In: -243.446 ± 5.449 χ^2/NDF : 0.0/0

Left: -209.013 ± 2.982 χ^2/NDF : 64.0/2

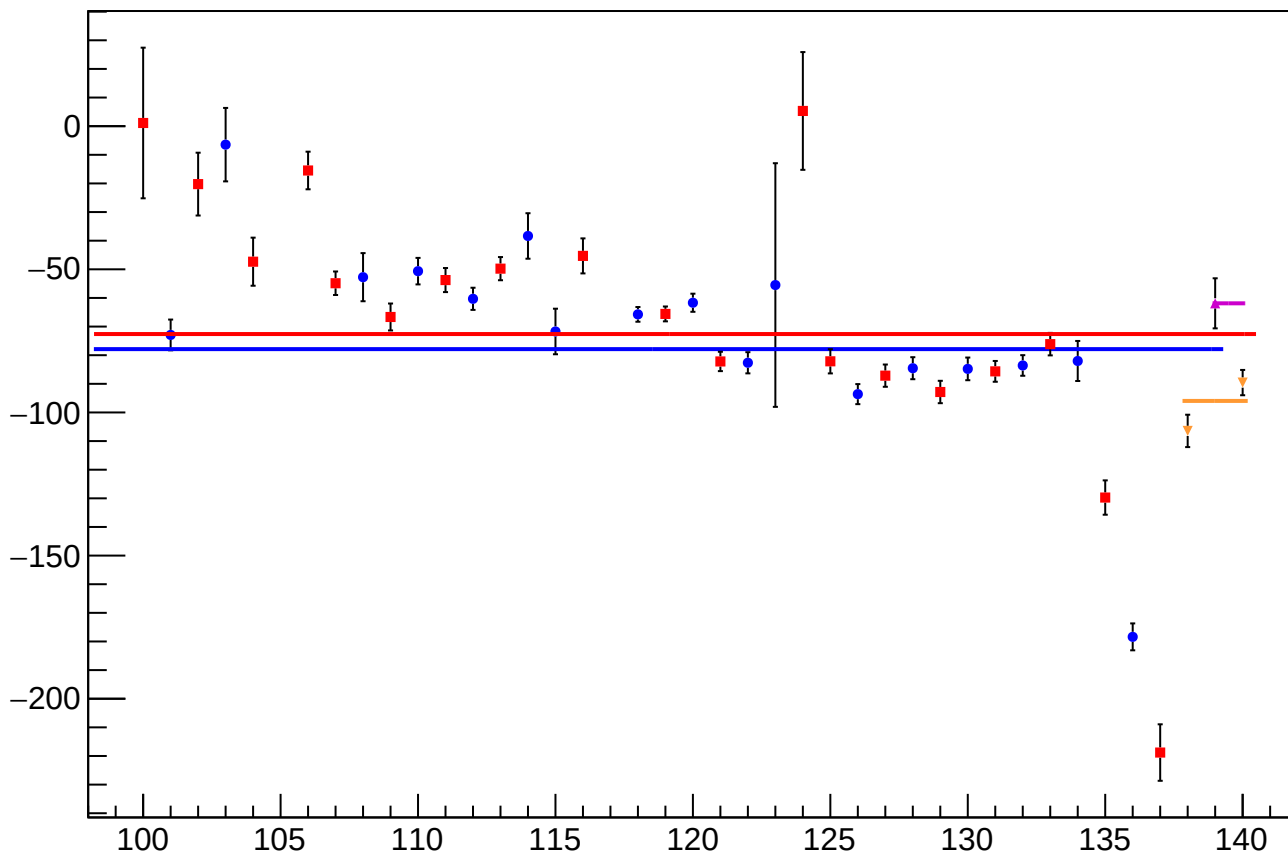
Right: -193.204 ± 1.229 χ^2/NDF : 2413.2/35

In: -205.437 ± 1.692 χ^2/NDF : 677.3/17

Out: -187.326 ± 1.534 χ^2/NDF : 1761.0/20

All: -195.501 ± 1.136 χ^2/NDF : 2501.3/38

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: -95.972 ± 3.482 χ^2/NDF : 5.5/1

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

Left In: -61.881 ± 8.746 χ^2/NDF : 0.0/0

Left: -91.307 ± 3.235 χ^2/NDF : 18.6/2

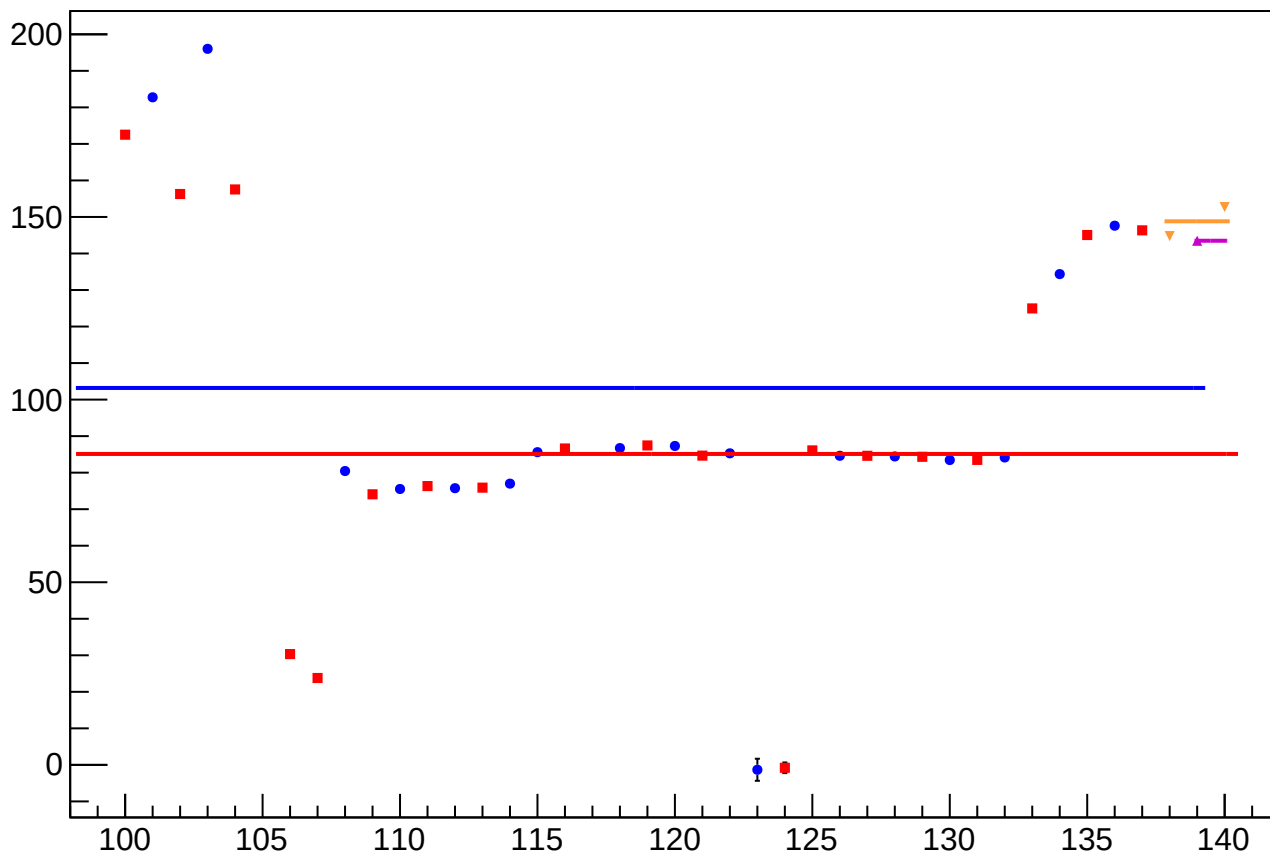
Right: -75.215 ± 0.749 χ^2/NDF : 1277.4/35

In: -77.643 ± 1.058 χ^2/NDF : 661.5/17

Out: -74.571 ± 1.009 χ^2/NDF : 653.6/20

All: -76.034 ± 0.730 χ^2/NDF : 1319.5/38

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: 148.809 $\pm$ 0.149 χ^2 /NDF: 714.1/1

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

Left In: 143.488 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Left: 146.819 $\pm$ 0.118 χ^2 /NDF: 1193.2/2

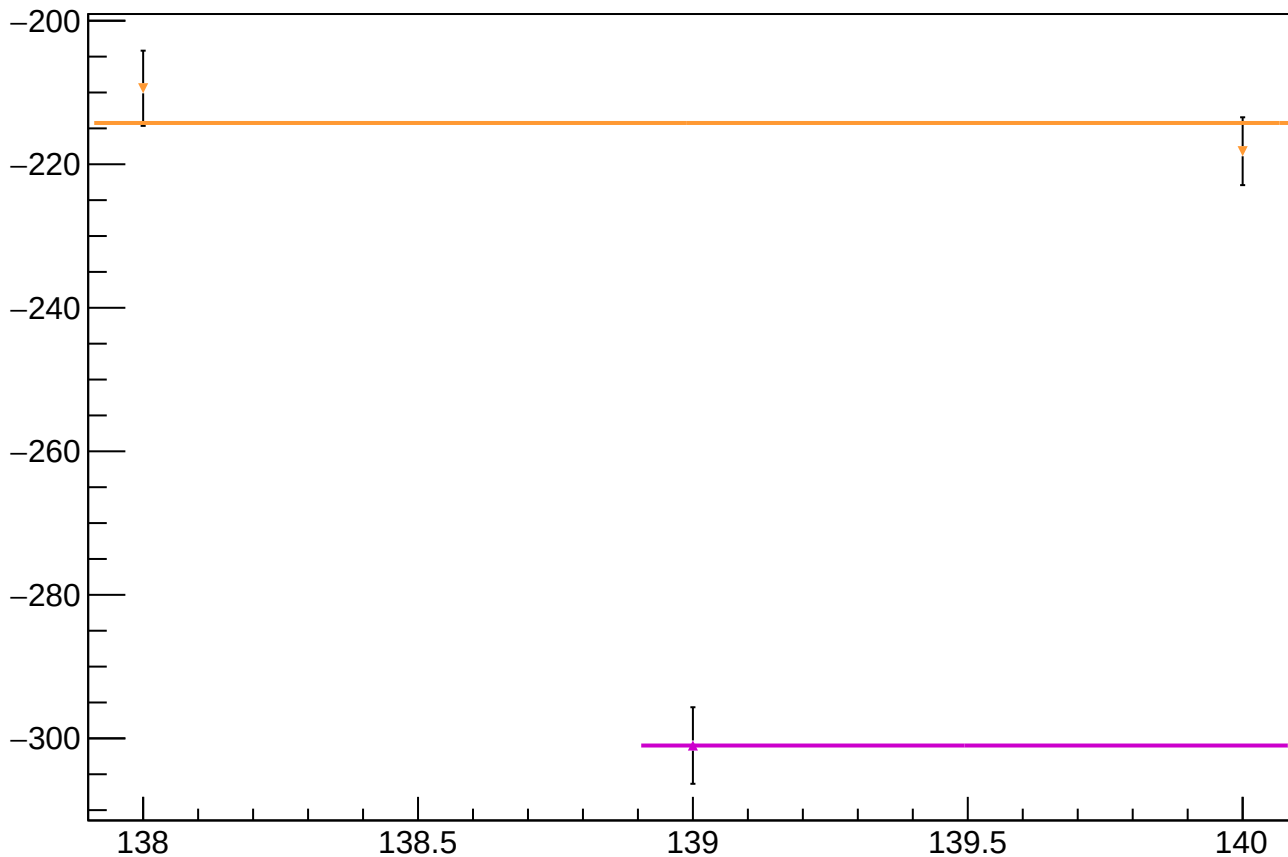
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733347.5/35

In: 107.943 $\pm$ 0.066 χ^2 /NDF: 312324.8/17

Out: 95.008 $\pm$ 0.059 χ^2 /NDF: 579299.2/20

All: 100.702 $\pm$ 0.044 χ^2 /NDF: 913091.3/38

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: -214.247+/-3.509 χ^2/NDF :1.5/1

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

Left In: -300.996+/-5.334 χ^2/NDF :0.0/0

Left: -240.453+/-2.932 χ^2/NDF : 186.2/2

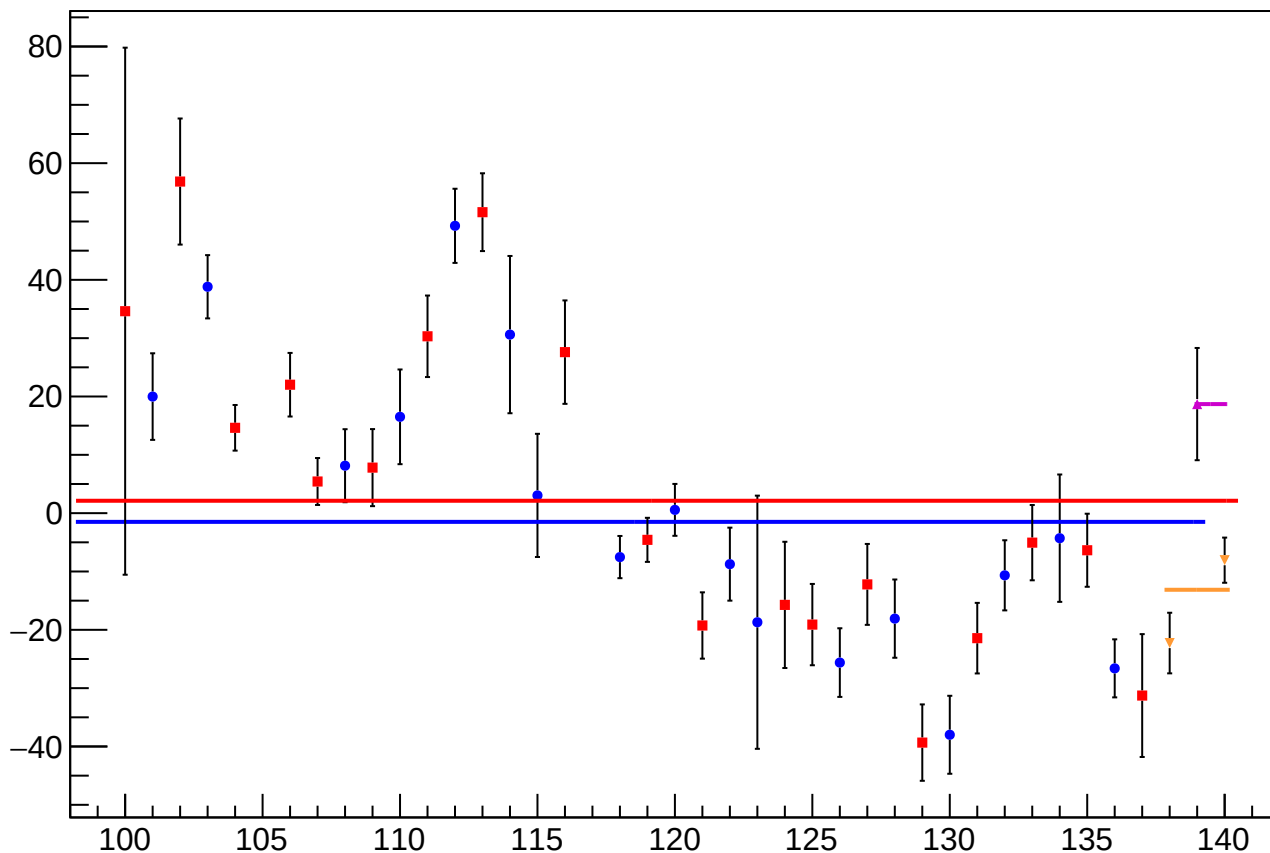
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -300.996+/-5.334 χ^2/NDF :0.0/0

Out: -214.247+/-3.509 χ^2/NDF :1.5/1

All: -240.453+/-2.932 χ^2/NDF : 186.2/2

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.492 ± 1.513 χ^2/NDF : 226.1/16

Left Out: -13.134 ± 3.104 χ^2/NDF : 4.8/1

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

Left In: 18.698 ± 9.622 χ^2/NDF : 0.0/0

Left: -10.133 ± 2.954 χ^2/NDF : 14.7/2

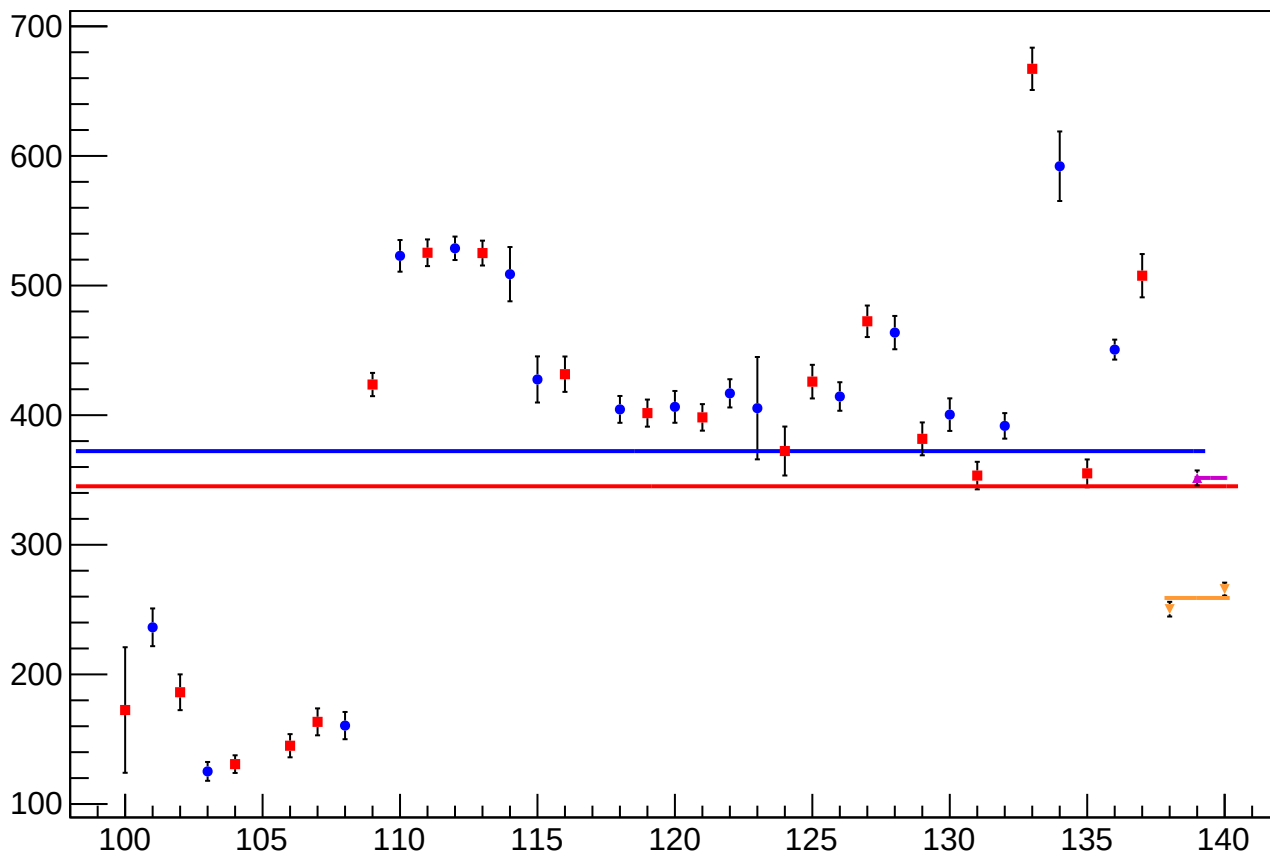
Right: 0.455 ± 1.029 χ^2/NDF : 461.8/35

In: -1.005 ± 1.495 χ^2/NDF : 230.4/17

Out: -0.460 ± 1.278 χ^2/NDF : 257.5/20

All: -0.690 ± 0.971 χ^2/NDF : 488.0/38

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263 ± 2.759 $\chi^2/\text{NDF}: 2433.1/16$

Left Out: 258.973 ± 3.766 $\chi^2/\text{NDF}: 4.1/1$

Right Out: 345.135 ± 2.562 $\chi^2/\text{NDF}: 3416.5/18$

Left In: 351.585 ± 5.774 $\chi^2/\text{NDF}: 0.0/0$

Left: 286.612 ± 3.154 $\chi^2/\text{NDF}: 184.6/2$

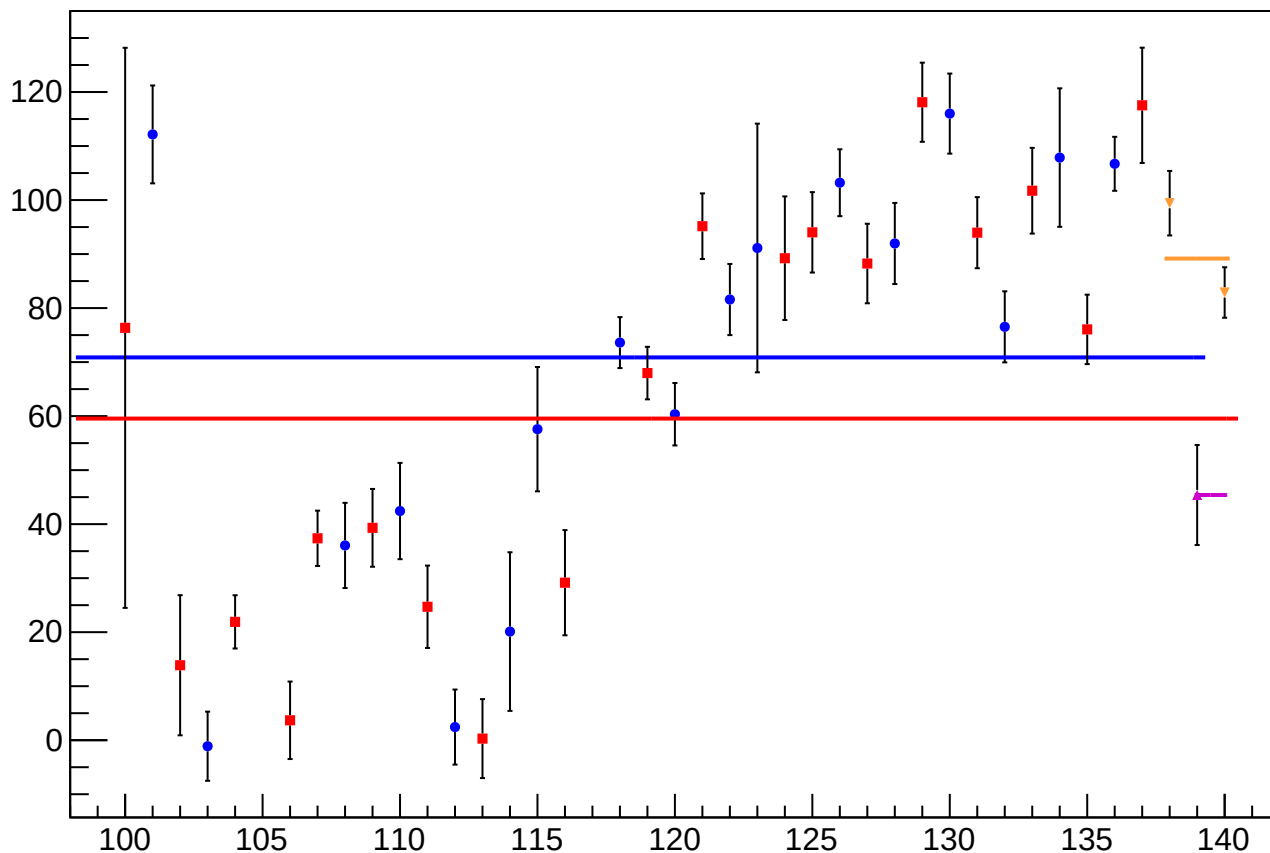
Right: 357.695 ± 1.878 $\chi^2/\text{NDF}: 5901.5/35$

In: 368.418 ± 2.490 $\chi^2/\text{NDF}: 2443.6/17$

Out: 317.874 ± 2.118 $\chi^2/\text{NDF}: 3778.4/20$

All: 339.099 ± 1.613 $\chi^2/\text{NDF}: 6461.1/38$

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: 89.167 $\pm$ 3.681 χ^2 /NDF:4.8/1

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

Left In: 45.396 $\pm$ 9.263 χ^2 /NDF:0.0/0

Left: 83.197 $\pm$ 3.421 χ^2 /NDF: 24.0/2

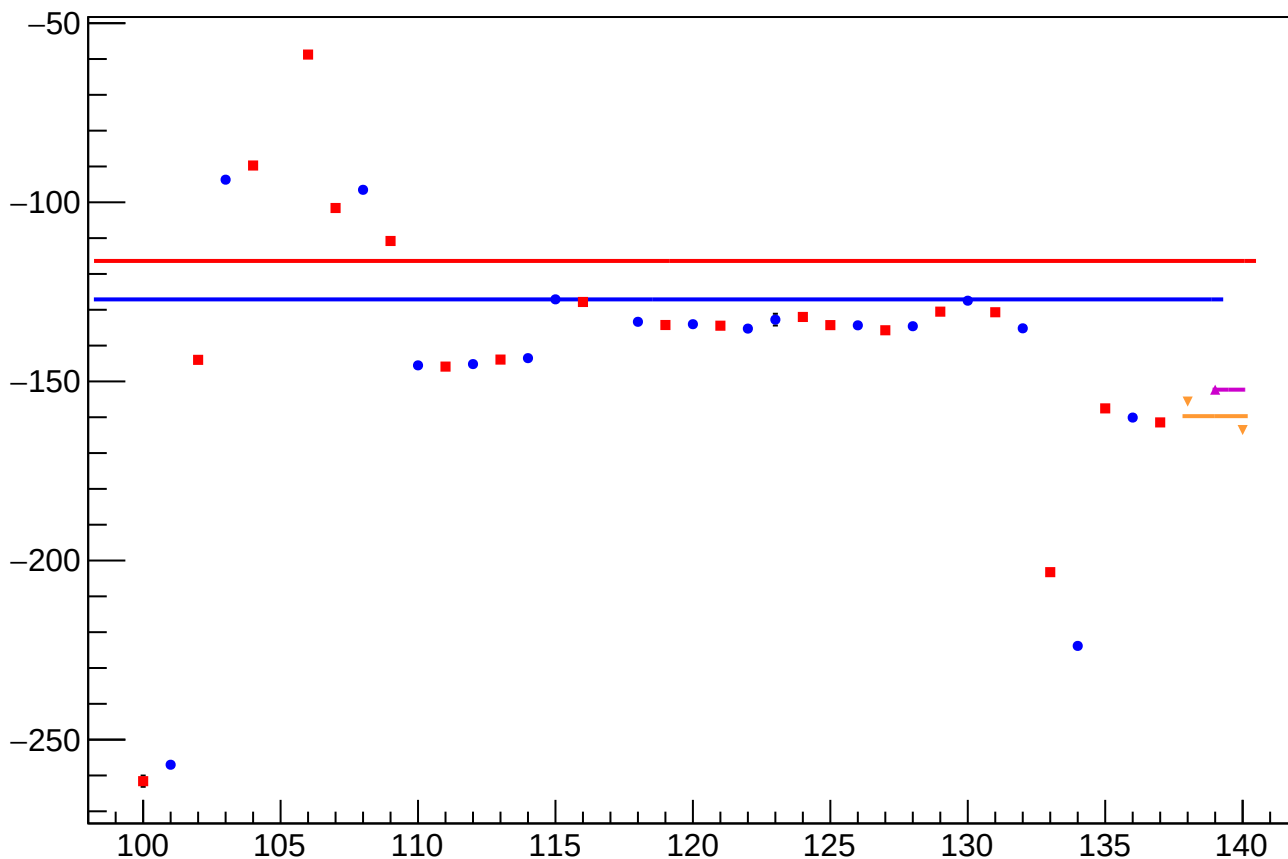
Right: 64.838 $\pm$ 1.192 χ^2 /NDF: 940.3/35

In: 69.996 $\pm$ 1.713 χ^2 /NDF:434.3/17

Out: 64.417 $\pm$ 1.493 χ^2 /NDF:549.7/20

All: 66.825 $\pm$ 1.125 χ^2 /NDF: 990.0/38

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: -159.696+/-0.158 χ^2/NDF : 635.0/1

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

Left In: -152.302+/-0.204 χ^2/NDF : 0.0/0

Left: -156.927+/-0.125 χ^2/NDF : 1459.7/2

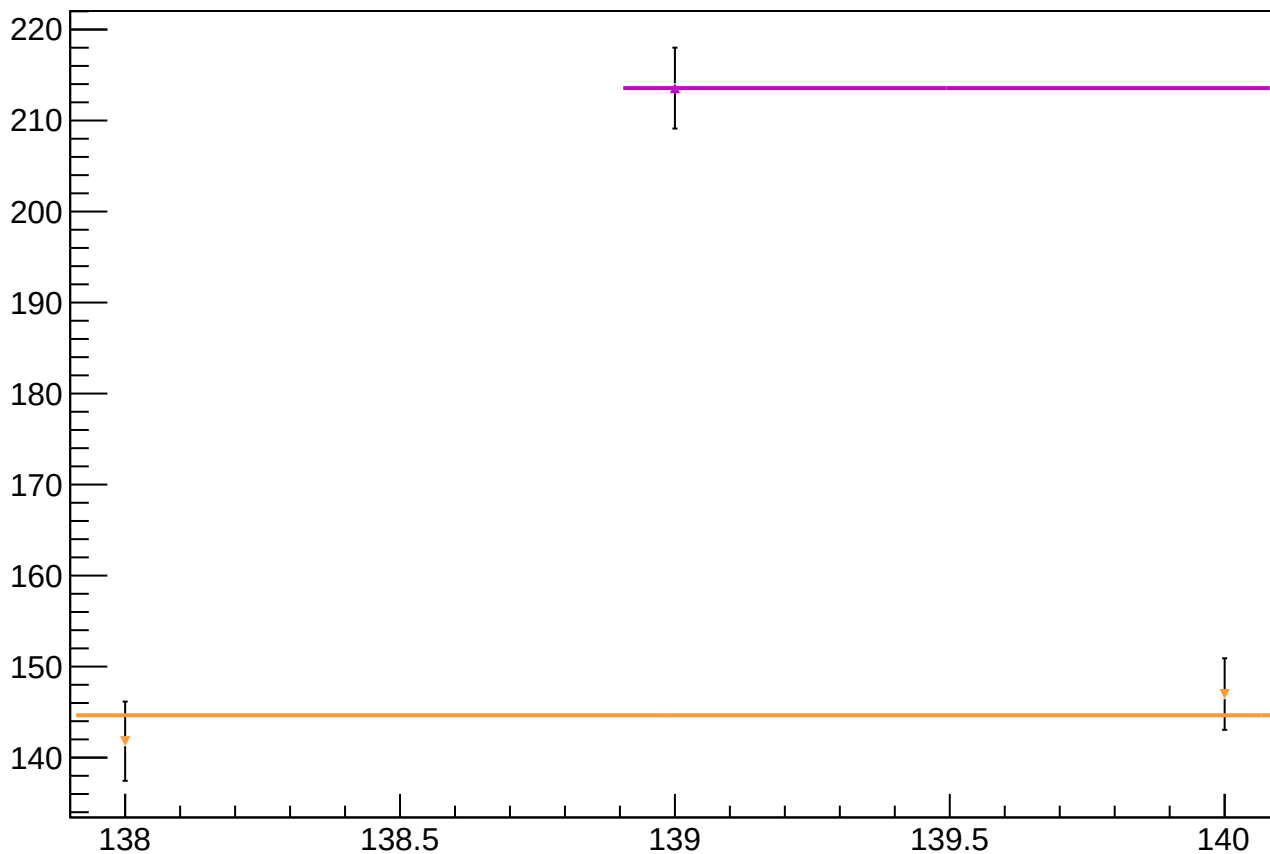
Right: -121.332+/-0.061 χ^2/NDF : 342408.2/35

In: -131.179+/-0.082 χ^2/NDF : 179899.2/17

Out: -125.767+/-0.073 χ^2/NDF : 227447.9/20

All: -128.177+/-0.055 χ^2/NDF : 409769.4/38

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 144.655 $\pm$ 2.917 χ^2/NDF : 0.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 213.562 $\pm$ 4.443 χ^2/NDF : 0.0/0

Left: 165.407 $\pm$ 2.438 χ^2/NDF : 168.9/2

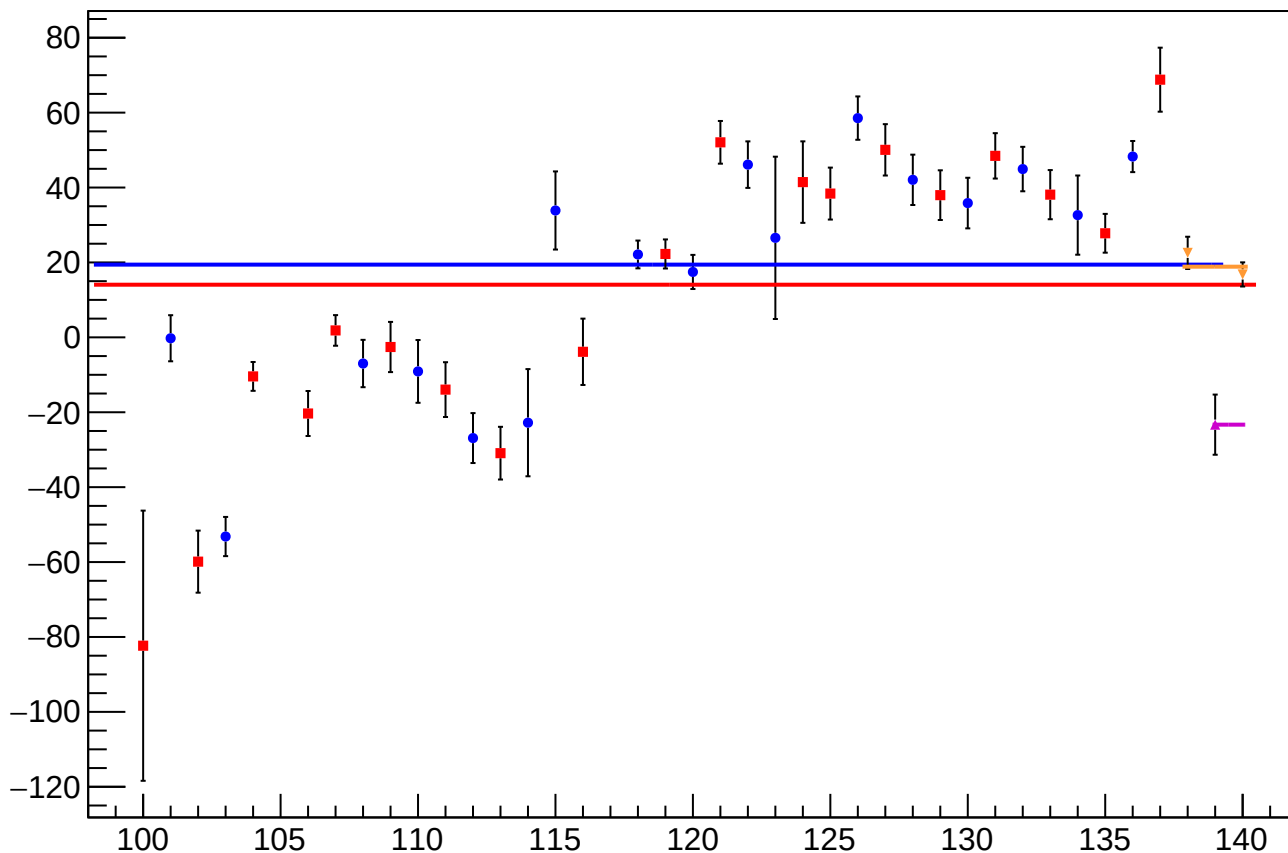
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 213.562 $\pm$ 4.443 χ^2/NDF : 0.0/0

Out: 144.655 $\pm$ 2.917 χ^2/NDF : 0.8/1

All: 165.407 $\pm$ 2.438 χ^2/NDF : 168.9/2

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416 $\pm$ 1.480 χ^2/NDF : 441.1/16

Left Out: 18.867 $\pm$ 2.580 χ^2/NDF : 1.1/1

Right Out: 14.055 $\pm$ 1.392 χ^2/NDF : 436.5/18

Left In: -23.313 $\pm$ 8.033 χ^2/NDF : 0.0/0

Left: 14.922 $\pm$ 2.457 χ^2/NDF : 26.1/2

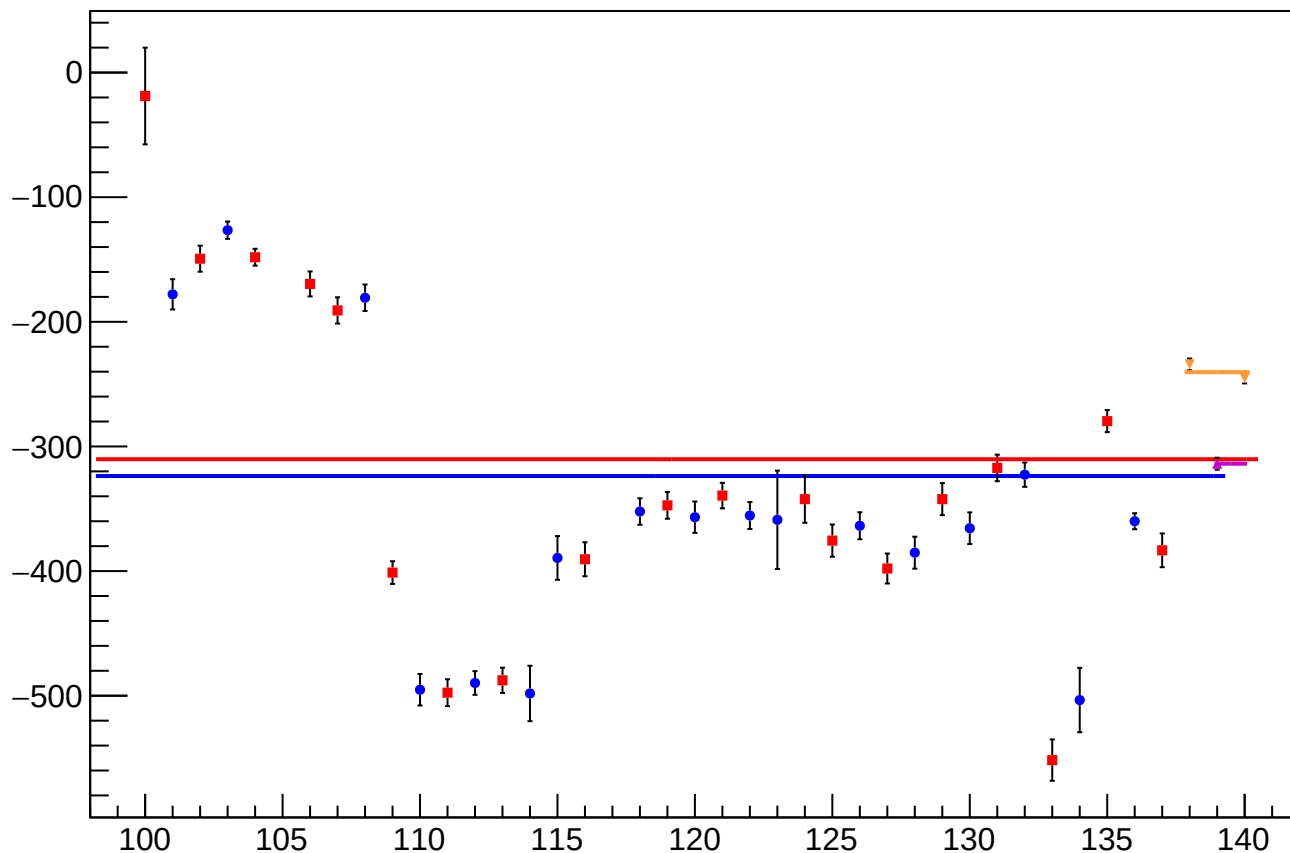
Right: 16.572 $\pm$ 1.014 χ^2/NDF : 884.6/35

In: 18.014 $\pm$ 1.455 χ^2/NDF : 468.4/17

Out: 15.140 $\pm$ 1.225 χ^2/NDF : 440.4/20

All: 16.332 $\pm$ 0.937 χ^2/NDF : 911.1/38

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: -240.365+/-3.131 χ^2/NDF : 3.1/1

Right Out: -310.223+/-2.523 χ^2/NDF : 2300.0/18

Left In: -313.839+/-4.808 χ^2/NDF : 0.0/0

Left: -262.238+/-2.624 χ^2/NDF : 167.1/2

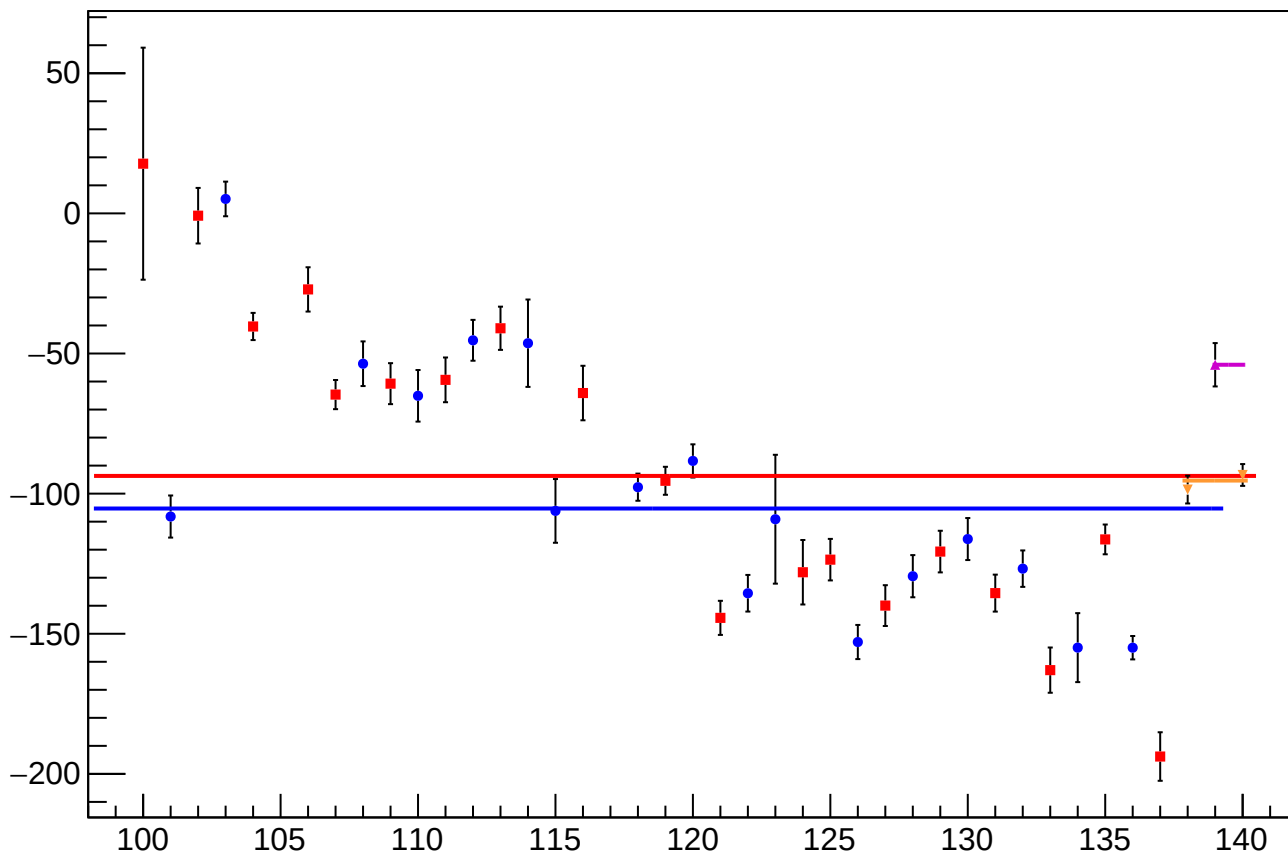
Right: -316.595+/-1.833 χ^2/NDF : 4164.2/35

In: -321.395+/-2.333 χ^2/NDF : 1854.0/17

Out: -282.718+/-1.964 χ^2/NDF : 2604.9/20

All: -298.763+/-1.503 χ^2/NDF : 4619.8/38

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: -95.333 ± 3.059 χ^2/NDF : 0.7/1

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

Left In: -54.015 ± 7.735 χ^2/NDF : 0.0/0

Left: -89.744 ± 2.845 χ^2/NDF : 25.4/2

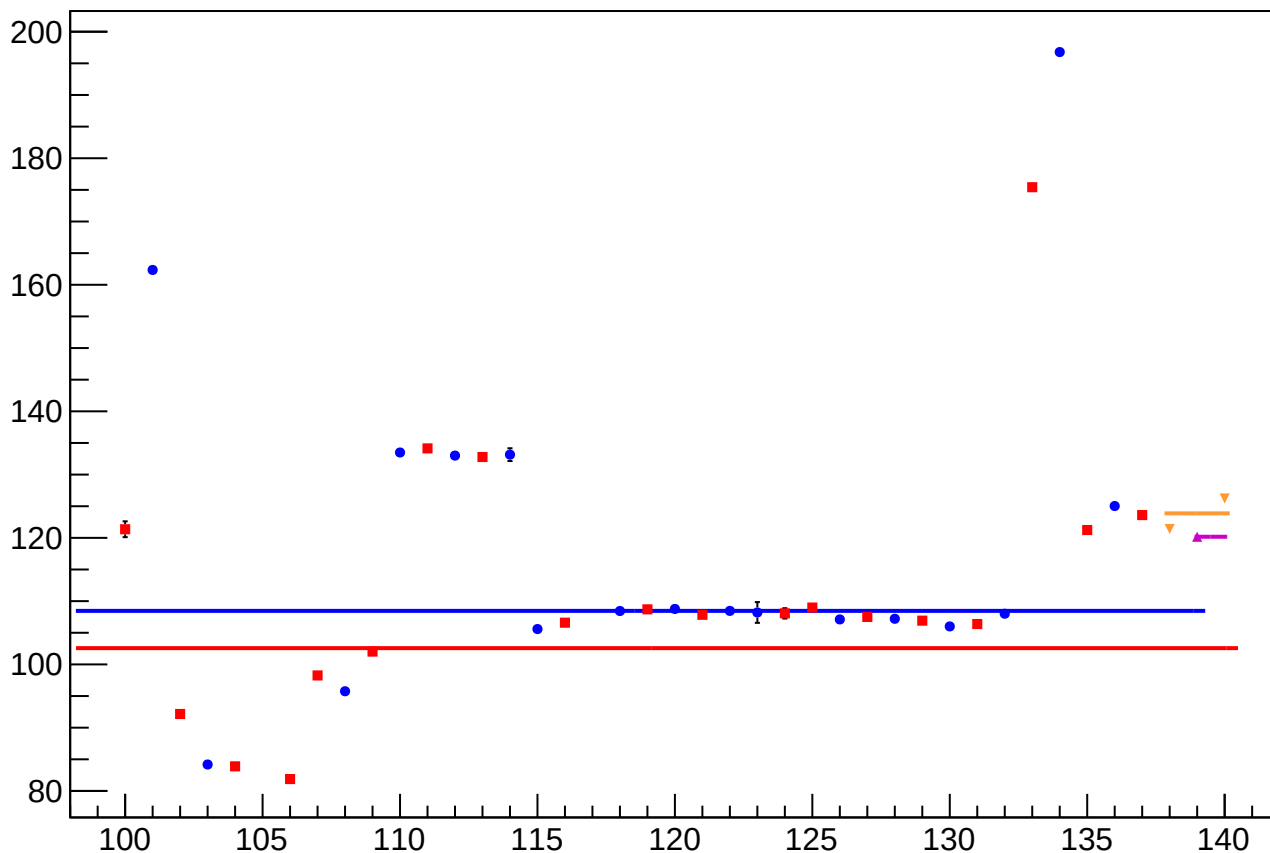
Right: -99.207 ± 1.167 χ^2/NDF : 1588.8/35

In: -102.963 ± 1.654 χ^2/NDF : 779.5/17

Out: -94.039 ± 1.426 χ^2/NDF : 827.4/20

All: -97.843 ± 1.080 χ^2/NDF : 1623.6/38

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461+/-0.085 χ^2/NDF : 73302.1/16

Left Out: 123.873+/-0.131 χ^2/NDF : 339.9/1

Right Out: 102.570+/-0.079 χ^2/NDF : 53143.8/18

Left In: 120.176+/-0.170 χ^2/NDF : 0.0/0

Left: 122.497+/-0.104 χ^2/NDF : 636.8/2

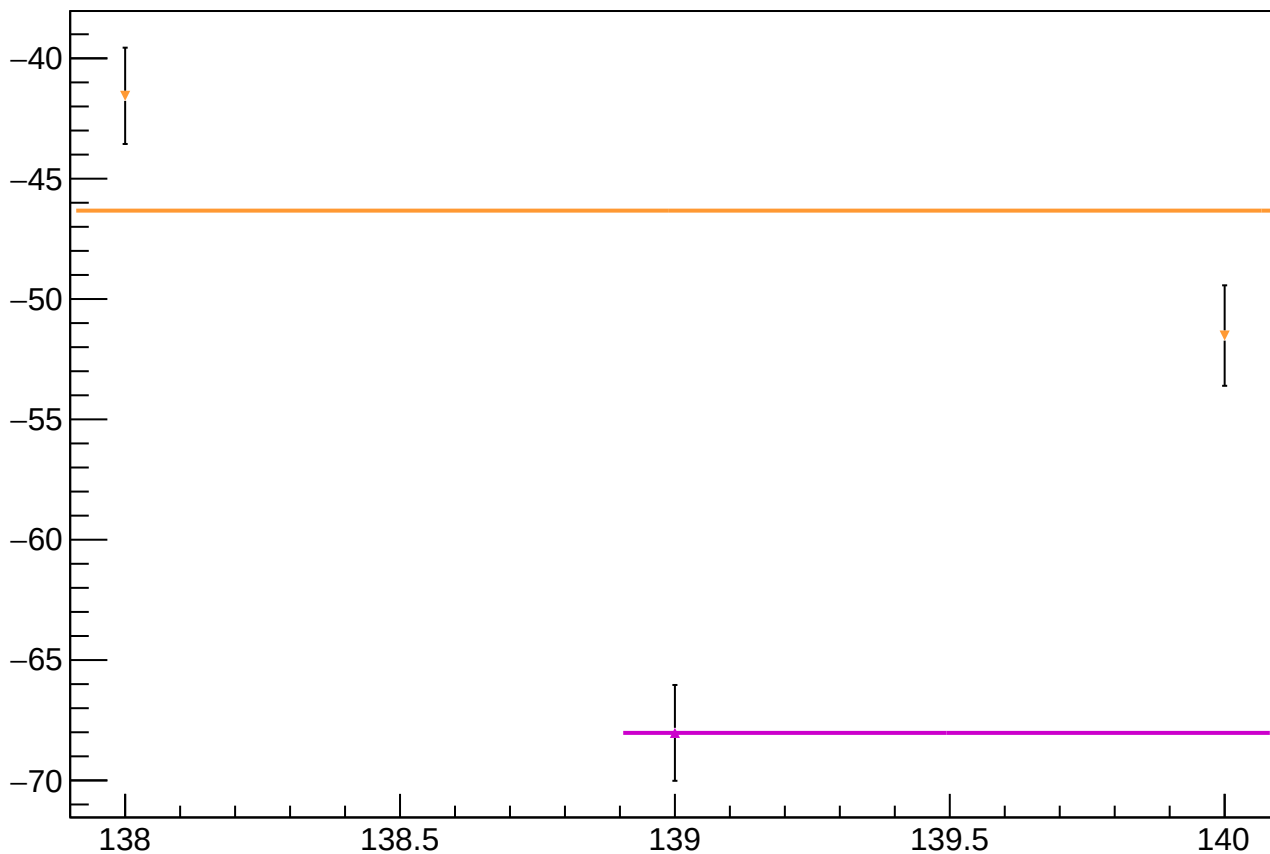
Right: 105.327+/-0.058 χ^2/NDF : 129018.0/35

In: 110.791+/-0.076 χ^2/NDF : 77105.8/17

Out: 108.305+/-0.068 χ^2/NDF : 72832.6/20

All: 109.412+/-0.051 χ^2/NDF : 150534.9/38

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: -46.327+/-1.444 χ^2/NDF :11.9/1

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

Left In: -68.026+/-1.991 χ^2/NDF :0.0/0

Left: -53.811+/-1.169 χ^2/NDF : 89.7/2

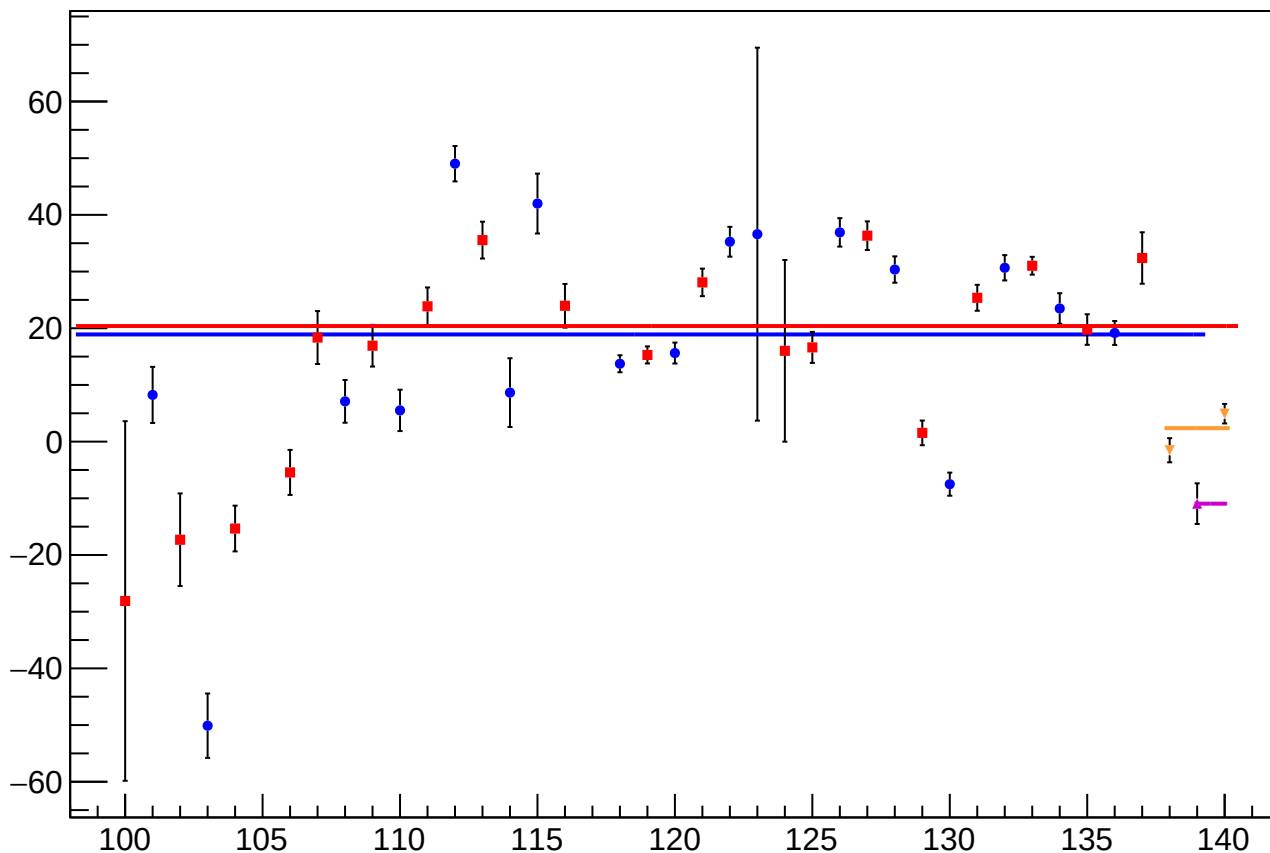
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.026+/-1.991 χ^2/NDF :0.0/0

Out: -46.327+/-1.444 χ^2/NDF :11.9/1

All: -53.811+/-1.169 χ^2/NDF : 89.7/2

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 2.377 $\pm$ 1.340 χ^2 /NDF:5.5/1

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

Left In: -10.944 $\pm$ 3.588 χ^2 /NDF:0.0/0

Left: 0.747 $\pm$ 1.255 χ^2 /NDF: 17.6/2

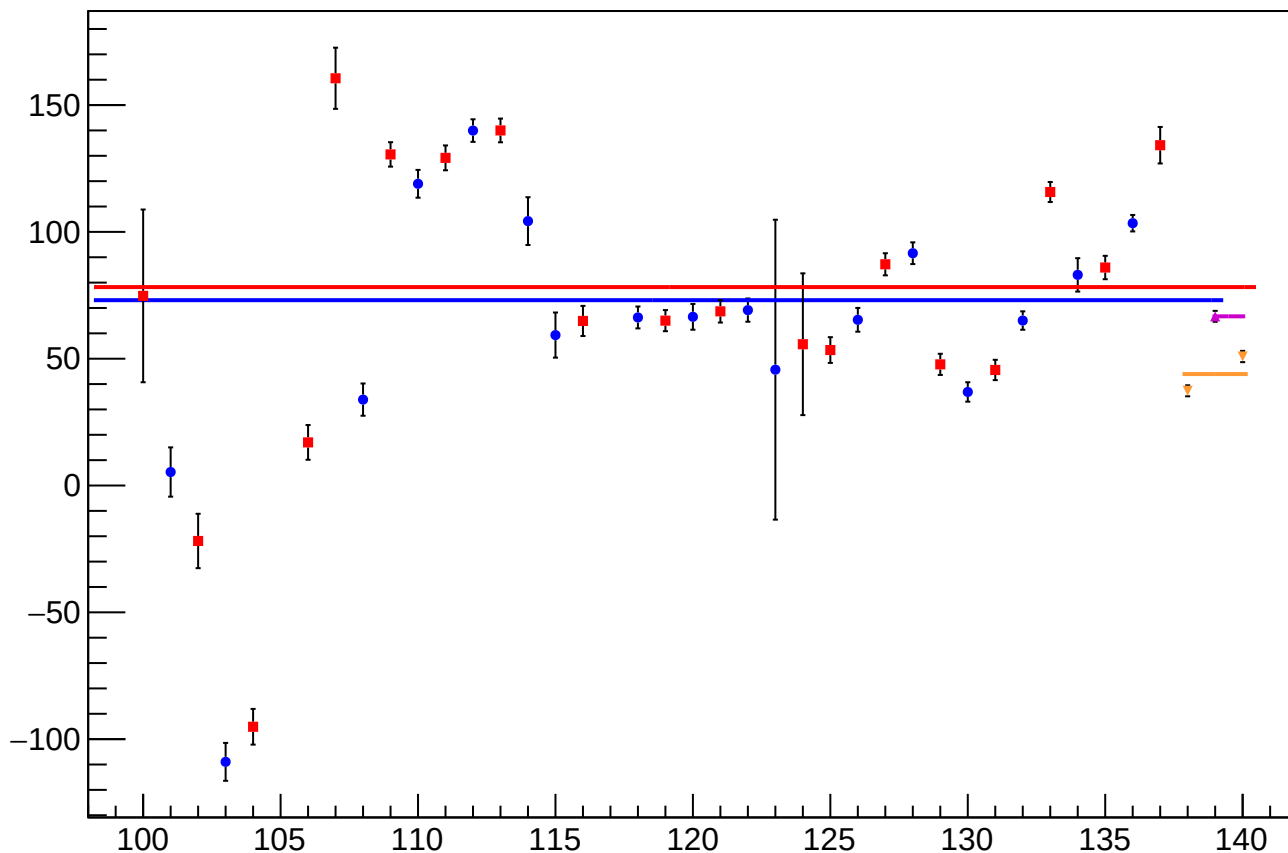
Right: 19.648 $\pm$ 0.455 χ^2 /NDF: 986.9/35

In: 17.976 $\pm$ 0.633 χ^2 /NDF:686.0/17

Out: 17.010 $\pm$ 0.580 χ^2 /NDF:517.7/20

All: 17.451 $\pm$ 0.428 χ^2 /NDF: 1204.9/38

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071+/-1.228 χ^2 /NDF: 1200.0/16

Left Out: 43.946+/-1.553 χ^2 /NDF:18.9/1

Right Out: 78.241+/-1.223 χ^2 /NDF: 1542.7/18

Left In: 66.706+/-2.155 χ^2 /NDF:0.0/0

Left: 51.725+/-1.260 χ^2 /NDF: 92.3/2

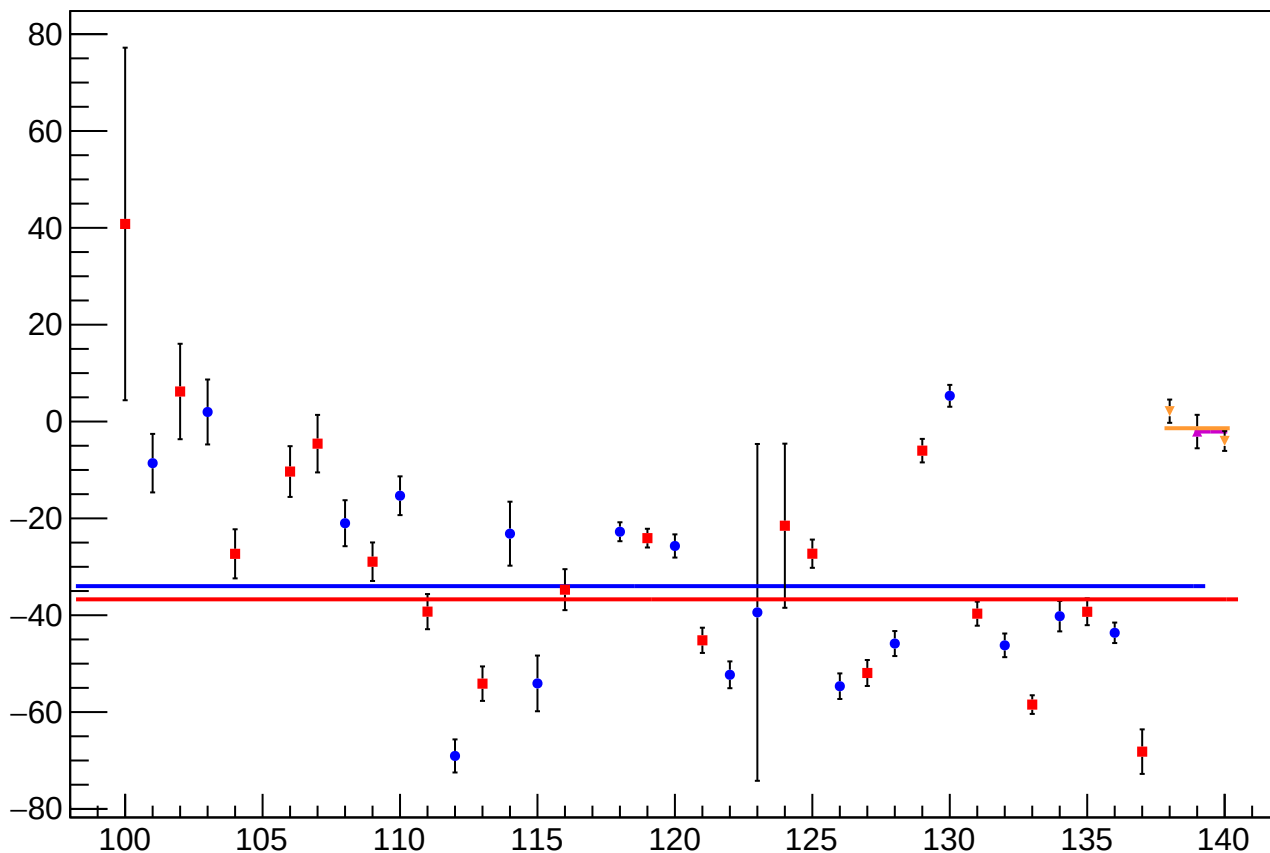
Right: 75.667+/-0.866 χ^2 /NDF: 2751.5/35

In: 71.511+/-1.067 χ^2 /NDF:1206.6/17

Out: 65.119+/-0.961 χ^2 /NDF:1862.7/20

All: 67.981+/-0.714 χ^2 /NDF: 3089.1/38

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -1.382 ± 1.568 χ^2/NDF : 3.7/1

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

Left In: -2.069 ± 3.454 χ^2/NDF : 0.0/0

Left: -1.499 ± 1.427 χ^2/NDF : 3.8/2

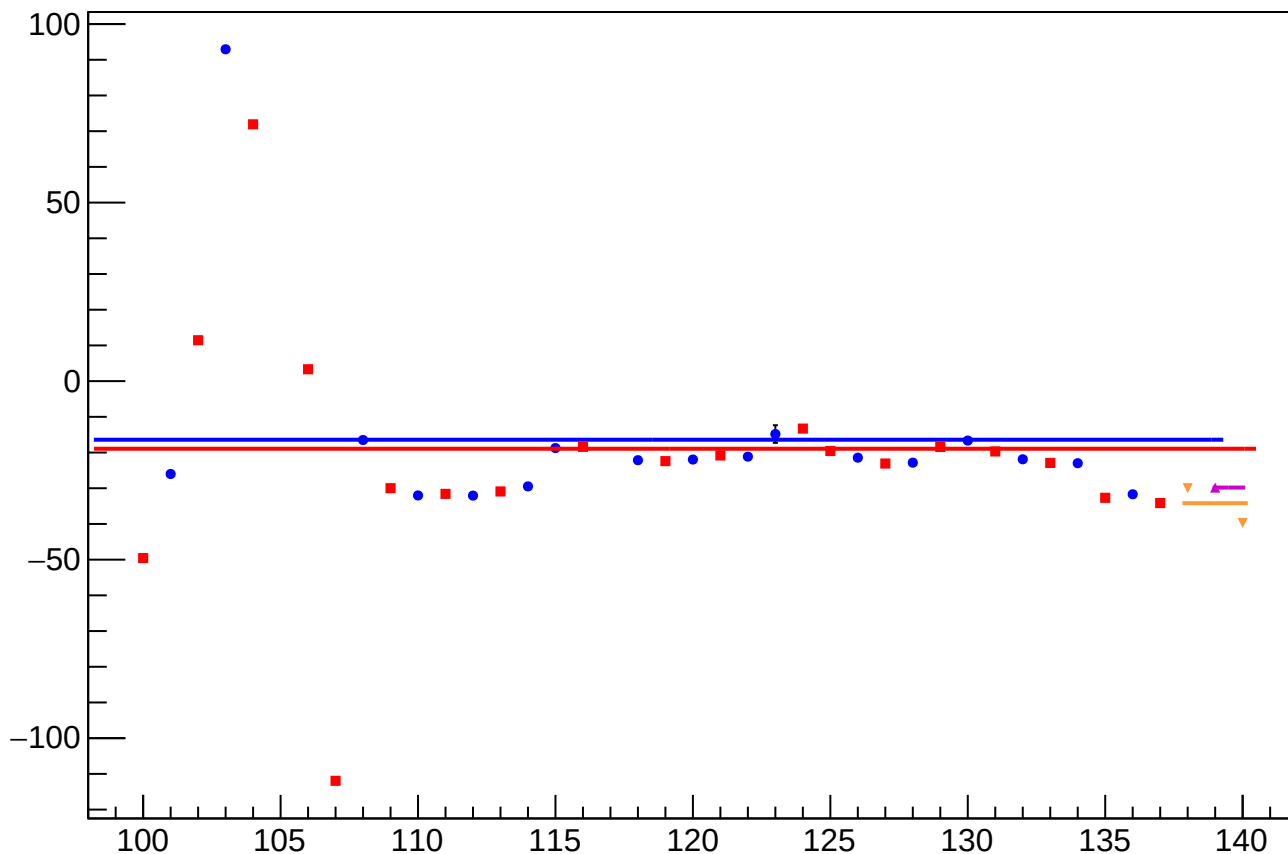
Right: -35.354 ± 0.521 χ^2/NDF : 1269.6/35

In: -32.603 ± 0.720 χ^2/NDF : 801.5/17

Out: -30.325 ± 0.667 χ^2/NDF : 962.9/20

All: -31.377 ± 0.489 χ^2/NDF : 1769.8/38

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: -34.188 ± 0.064 $\chi^2/\text{NDF}: 5722.6/1$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

Left In: -29.811 ± 0.076 $\chi^2/\text{NDF}: 0.0/0$

Left: -32.379 ± 0.049 $\chi^2/\text{NDF}: 7674.6/2$

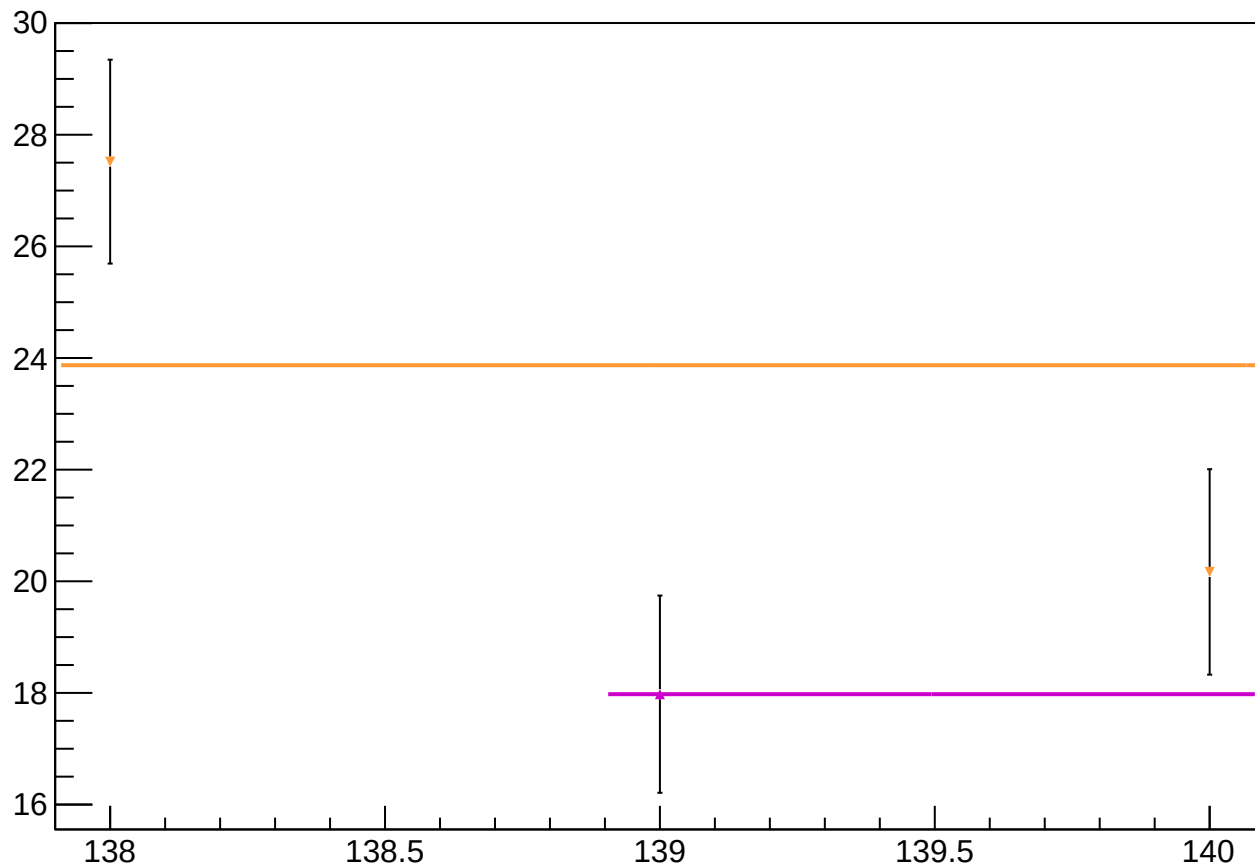
Right: -17.648 ± 0.032 $\chi^2/\text{NDF}: 910108.0/35$

In: -19.829 ± 0.038 $\chi^2/\text{NDF}: 497602.4/17$

Out: -24.049 ± 0.037 $\chi^2/\text{NDF}: 478001.7/20$

All: -22.020 ± 0.027 $\chi^2/\text{NDF}: 981899.8/38$

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: 23.871+/-1.296 χ^2/NDF : 8.0/1

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

Left In: 17.977+/-1.767 χ^2/NDF : 0.0/0

Left: 21.808+/-1.045 χ^2/NDF : 15.3/2

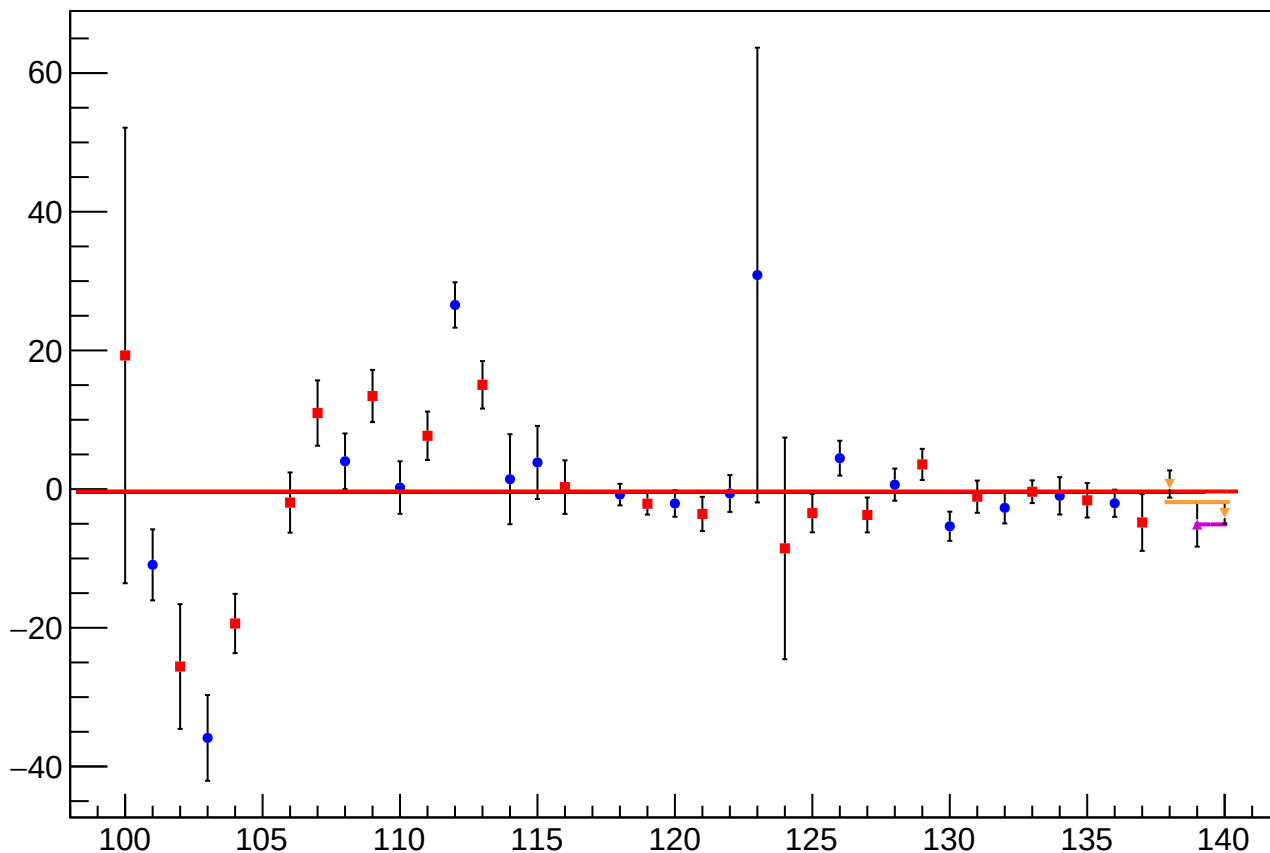
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.977+/-1.767 χ^2/NDF : 0.0/0

Out: 23.871+/-1.296 χ^2/NDF : 8.0/1

All: 21.808+/-1.045 χ^2/NDF : 15.3/2

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.875 ± 1.204 χ^2/NDF : 2.8/1

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

Left In: -5.092 ± 3.202 χ^2/NDF : 0.0/0

Left: -2.274 ± 1.127 χ^2/NDF : 3.7/2

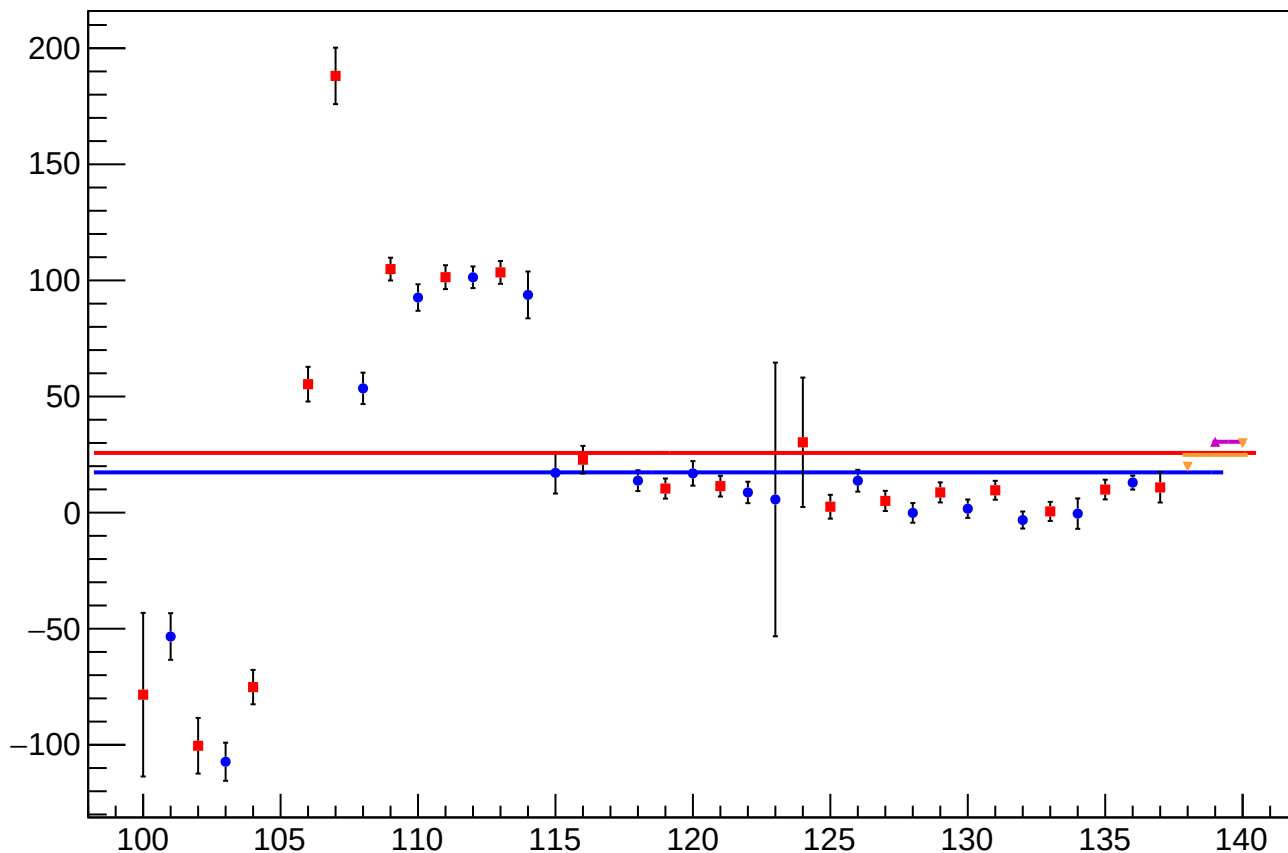
Right: -0.378 ± 0.463 χ^2/NDF : 203.7/35

In: -0.601 ± 0.640 χ^2/NDF : 122.0/17

Out: -0.695 ± 0.577 χ^2/NDF : 87.8/20

All: -0.652 ± 0.429 χ^2/NDF : 209.8/38

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328 $\pm$ 1.239 χ^2 /NDF: 943.2/16

Left Out: 24.860 $\pm$ 1.394 χ^2 /NDF:13.1/1

Right Out: 25.701 $\pm$ 1.243 χ^2 /NDF: 1379.1/18

Left In: 30.511 $\pm$ 1.911 χ^2 /NDF:0.0/0

Left: 26.822 $\pm$ 1.126 χ^2 /NDF: 18.8/2

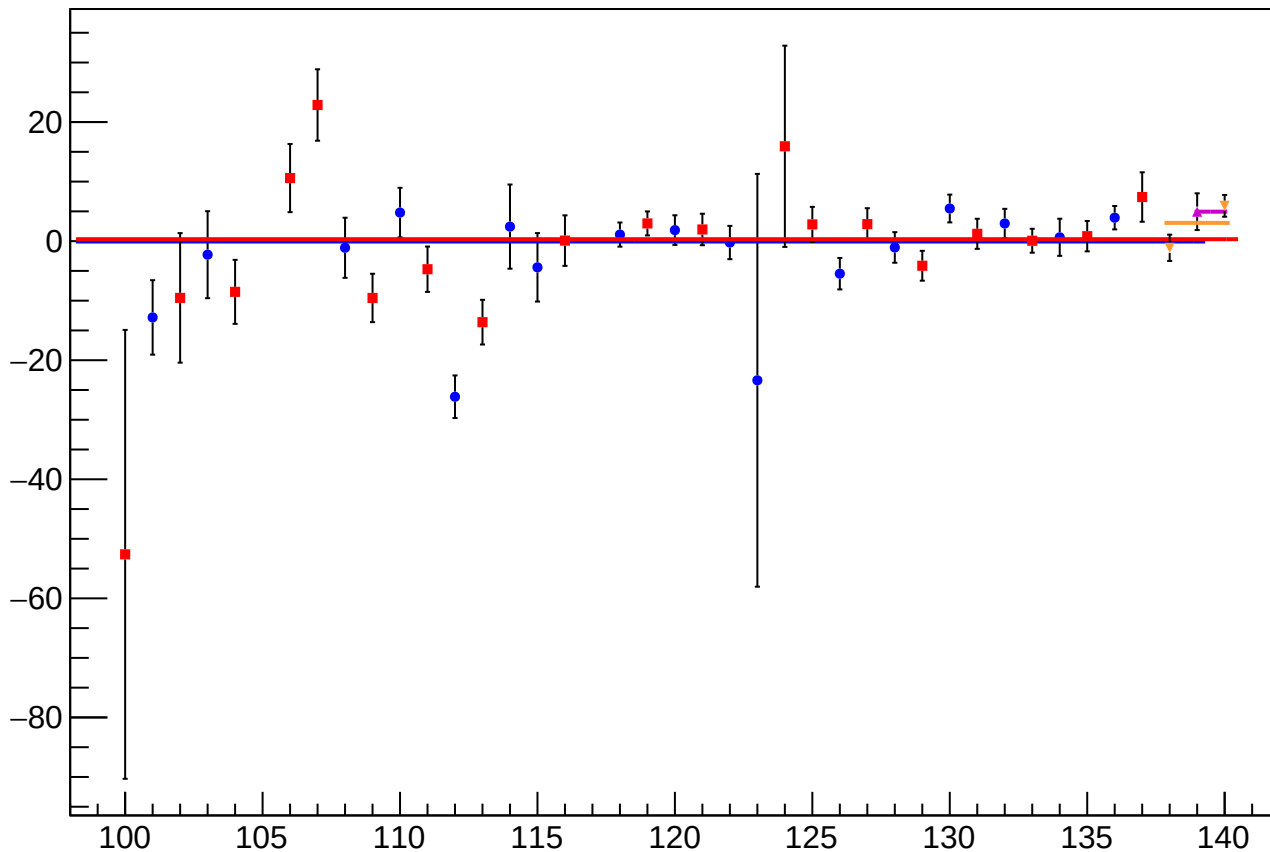
Right: 21.501 $\pm$ 0.877 χ^2 /NDF: 2345.0/35

In: 21.228 $\pm$ 1.039 χ^2 /NDF:976.7/17

Out: 25.329 $\pm$ 0.928 χ^2 /NDF:1392.4/20

All: 23.511 $\pm$ 0.692 χ^2 /NDF: 2377.8/38

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: 3.064 ± 1.407 χ^2/NDF : 6.1/1

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

Left In: 4.948 ± 3.084 χ^2/NDF : 0.0/0

Left: 3.389 ± 1.280 χ^2/NDF : 6.4/2

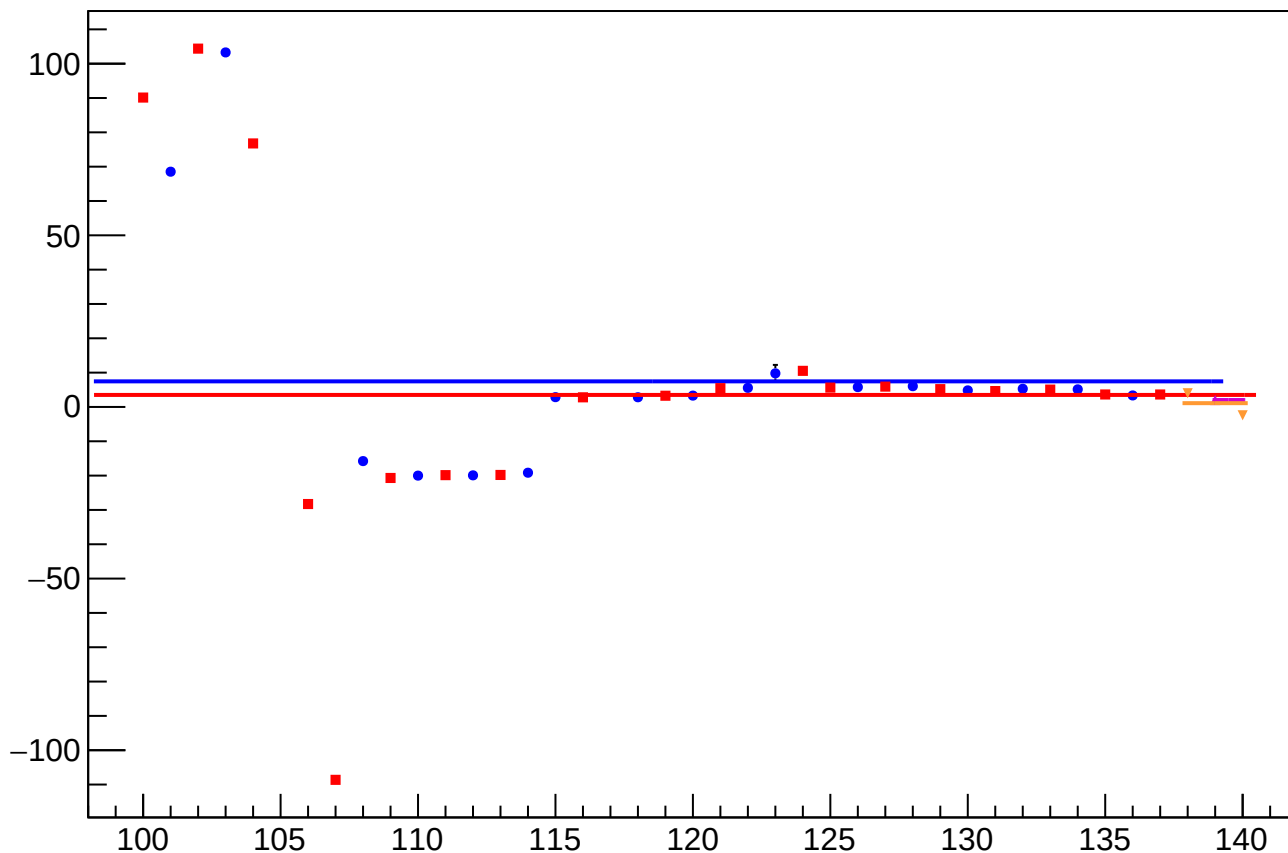
Right: 0.132 ± 0.528 χ^2/NDF : 131.8/35

In: 0.216 ± 0.723 χ^2/NDF : 79.0/17

Out: 0.931 ± 0.661 χ^2/NDF : 64.1/20

All: 0.605 ± 0.488 χ^2/NDF : 143.7/38

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: 1.104+/-0.057 χ^2/NDF : 3135.5/1

Right Out: 3.502+/-0.046 χ^2/NDF : 510579.7/18

Left In: 2.016+/-0.068 χ^2/NDF : 0.0/0

Left: 1.483+/-0.044 χ^2/NDF : 3241.6/2

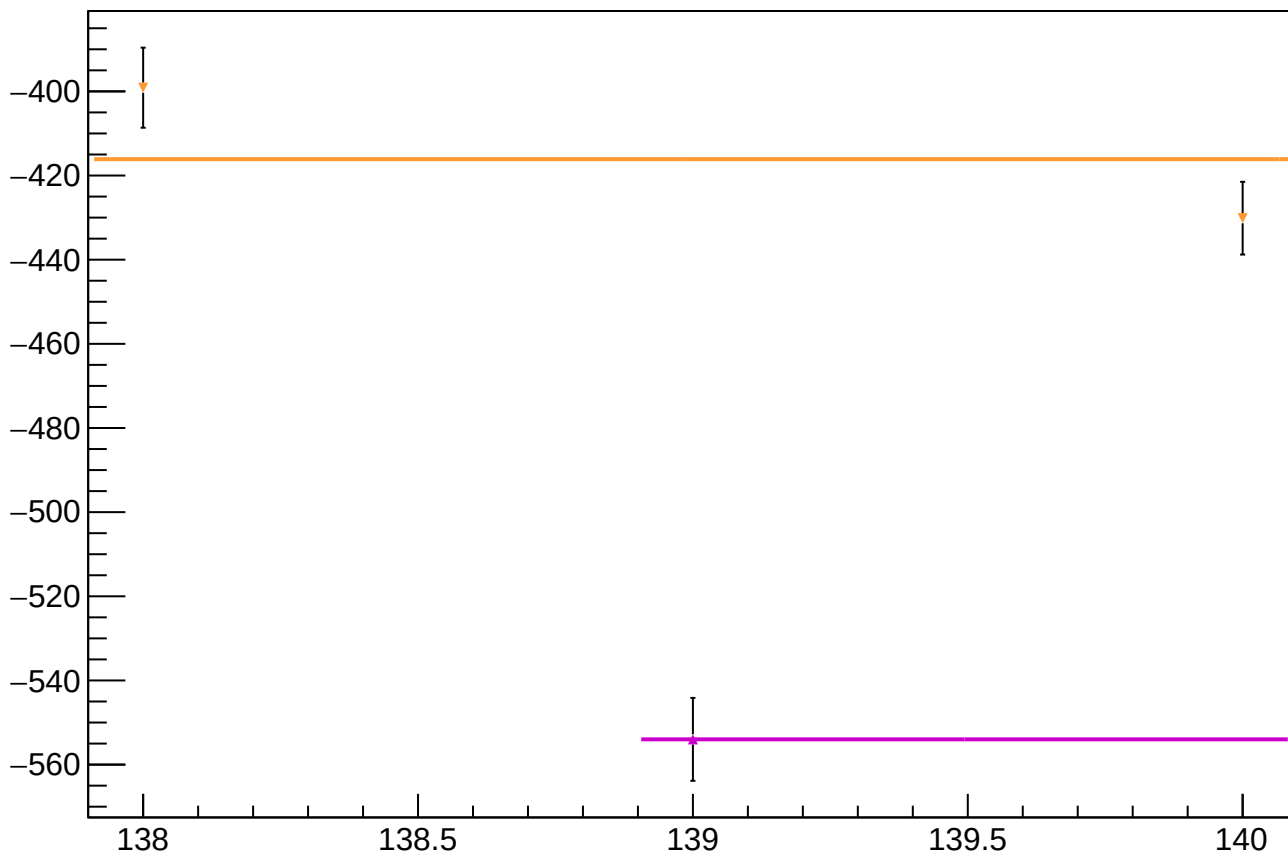
Right: 5.528+/-0.032 χ^2/NDF : 870492.1/35

In: 5.817+/-0.037 χ^2/NDF : 360566.4/17

Out: 2.569+/-0.036 χ^2/NDF : 514794.0/20

All: 4.124+/-0.026 χ^2/NDF : 879346.3/38

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Left: -457.018 $\pm$ 5.365 χ^2/NDF : 143.7/2

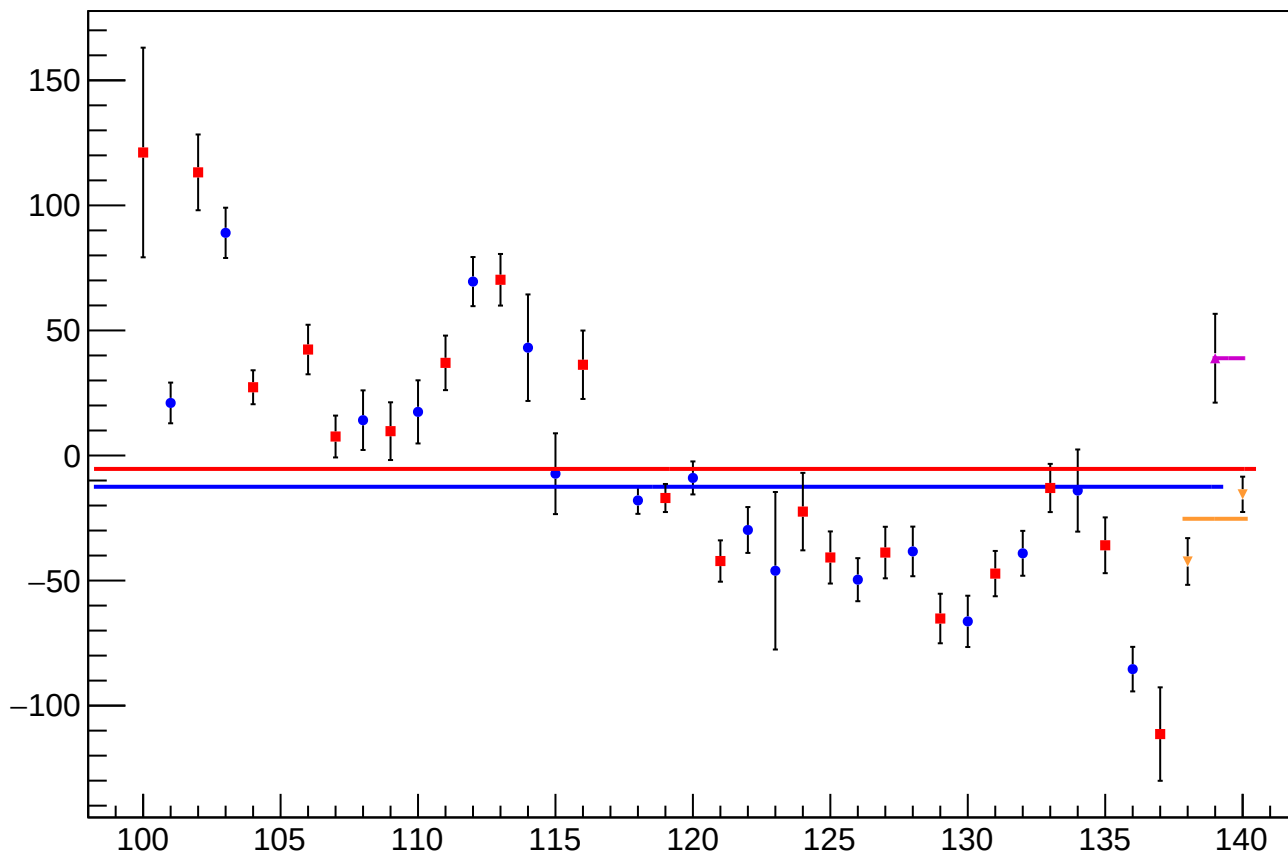
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -553.998 $\pm$ 9.849 χ^2/NDF : 0.0/0

Out: -416.111 $\pm$ 6.397 χ^2/NDF : 5.8/1

All: -457.018 $\pm$ 5.365 χ^2/NDF : 143.7/2

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 $\pm$ 2.311 χ^2 /NDF: 341.1/16

Left Out: -25.300 $\pm$ 5.635 χ^2 /NDF: 5.3/1

Right Out: -5.363 $\pm$ 2.264 χ^2 /NDF: 344.6/18

Left In: 38.893 $\pm$ 17.755 χ^2 /NDF: 0.0/0

Left: -19.424 $\pm$ 5.371 χ^2 /NDF: 17.1/2

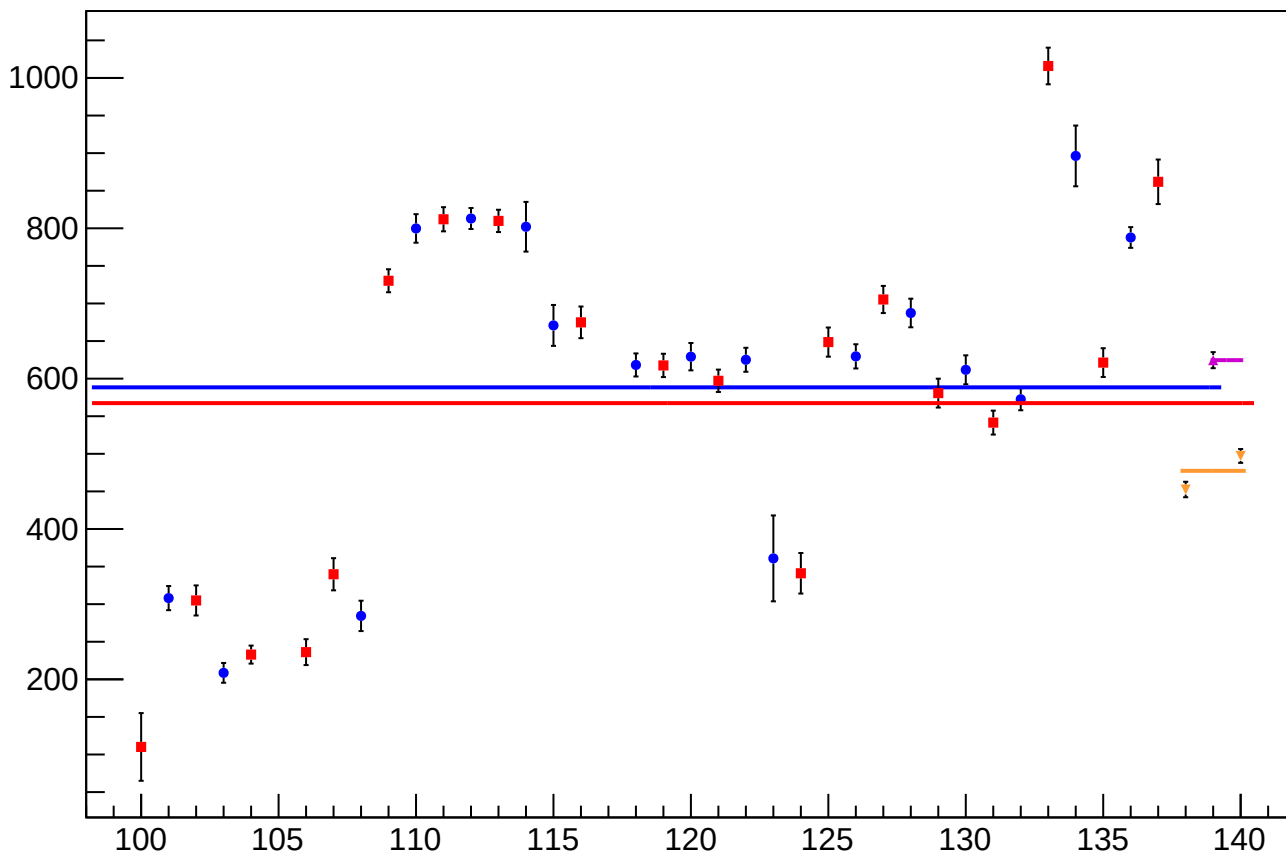
Right: -8.858 $\pm$ 1.617 χ^2 /NDF: 690.5/35

In: -11.644 $\pm$ 2.292 χ^2 /NDF: 349.3/17

Out: -8.134 $\pm$ 2.101 χ^2 /NDF: 360.6/20

All: -9.737 $\pm$ 1.549 χ^2 /NDF: 711.2/38

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Left Out: 477.371+/-6.865 χ^2/NDF :10.4/1

Right Out: 567.451+/-4.137 χ^2/NDF : 2784.8/18

Left In: 624.607+/-10.664 χ^2/NDF :0.0/0

Left: 520.514+/-5.772 χ^2/NDF : 145.2/2

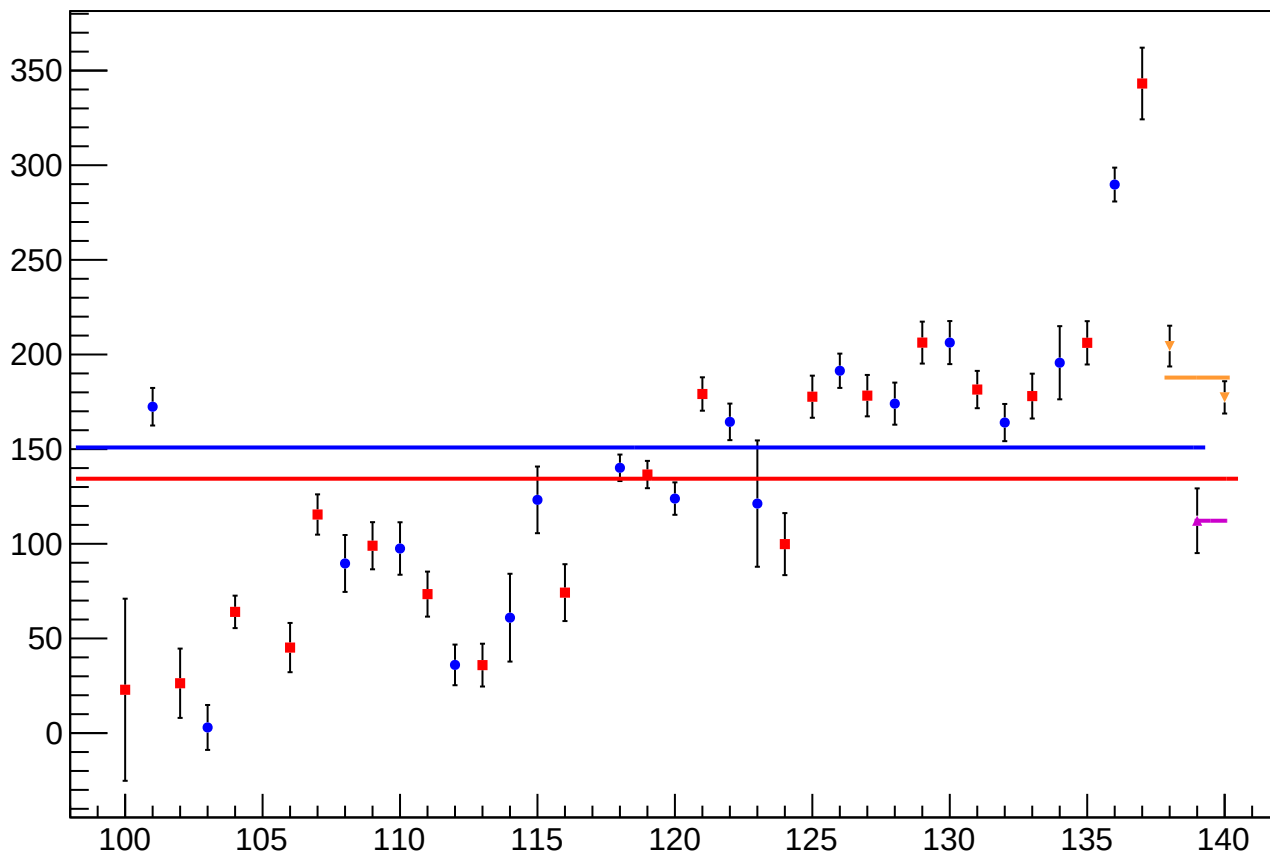
Right: 577.481+/-2.988 χ^2/NDF : 4927.3/35

In: 593.524+/-4.004 χ^2/NDF :2140.1/17

Out: 543.455+/-3.543 χ^2/NDF :2921.6/20

All: 565.443+/-2.654 χ^2/NDF : 5149.3/38

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: 187.813+/-6.689 χ^2/NDF : 3.9/1

Right Out: 134.381+/-2.620 χ^2/NDF : 584.9/18

Left In: 112.184+/-17.092 χ^2/NDF : 0.0/0

Left: 177.769+/-6.229 χ^2/NDF : 20.9/2

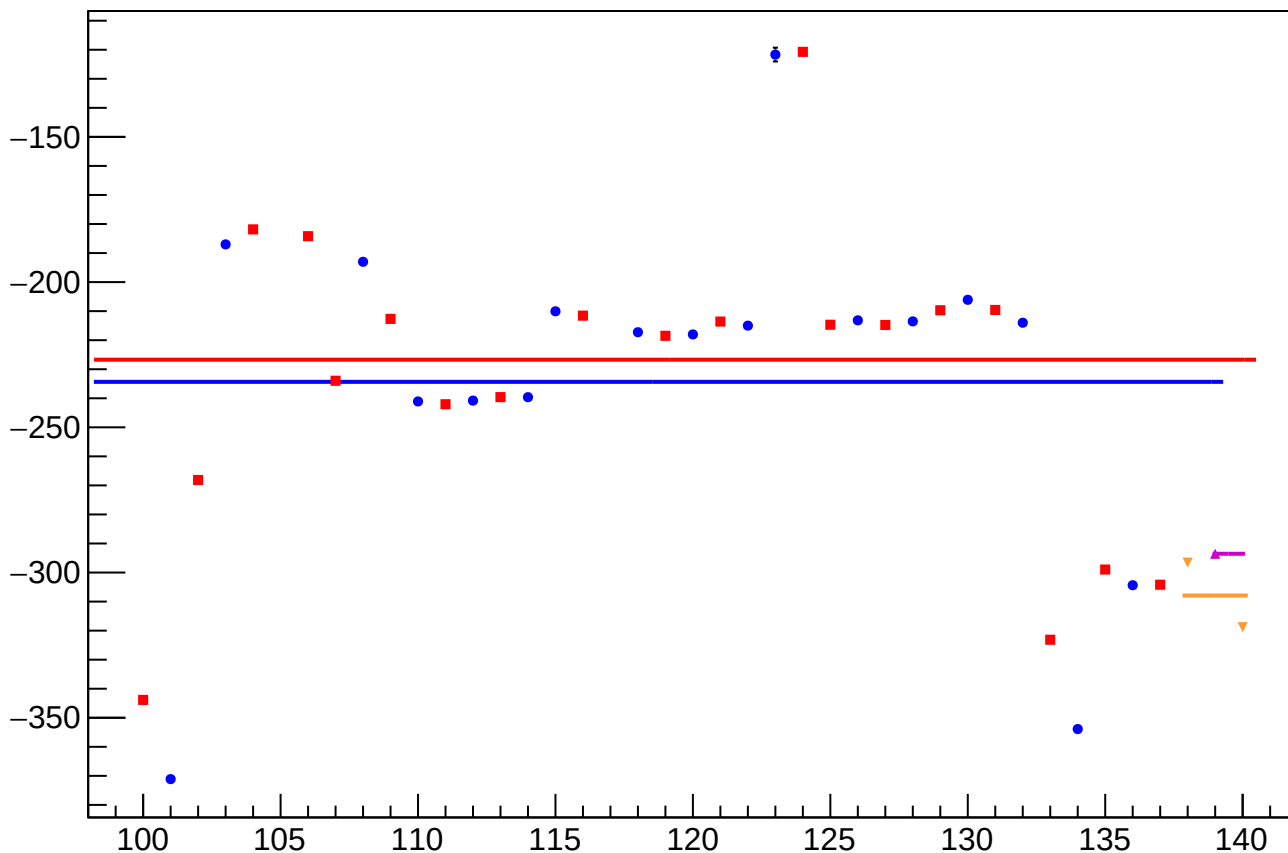
Right: 142.467+/-1.871 χ^2/NDF : 1239.2/35

In: 149.966+/-2.642 χ^2/NDF : 639.8/17

Out: 141.487+/-2.439 χ^2/NDF : 644.1/20

All: 145.389+/-1.792 χ^2/NDF : 1289.5/38

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: -307.912+/-0.287 χ^2/NDF :1494.8/1

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

Left In: -293.537+/-0.376 χ^2/NDF :0.0/0

Left: -302.606+/-0.228 χ^2/NDF : 2417.9/2

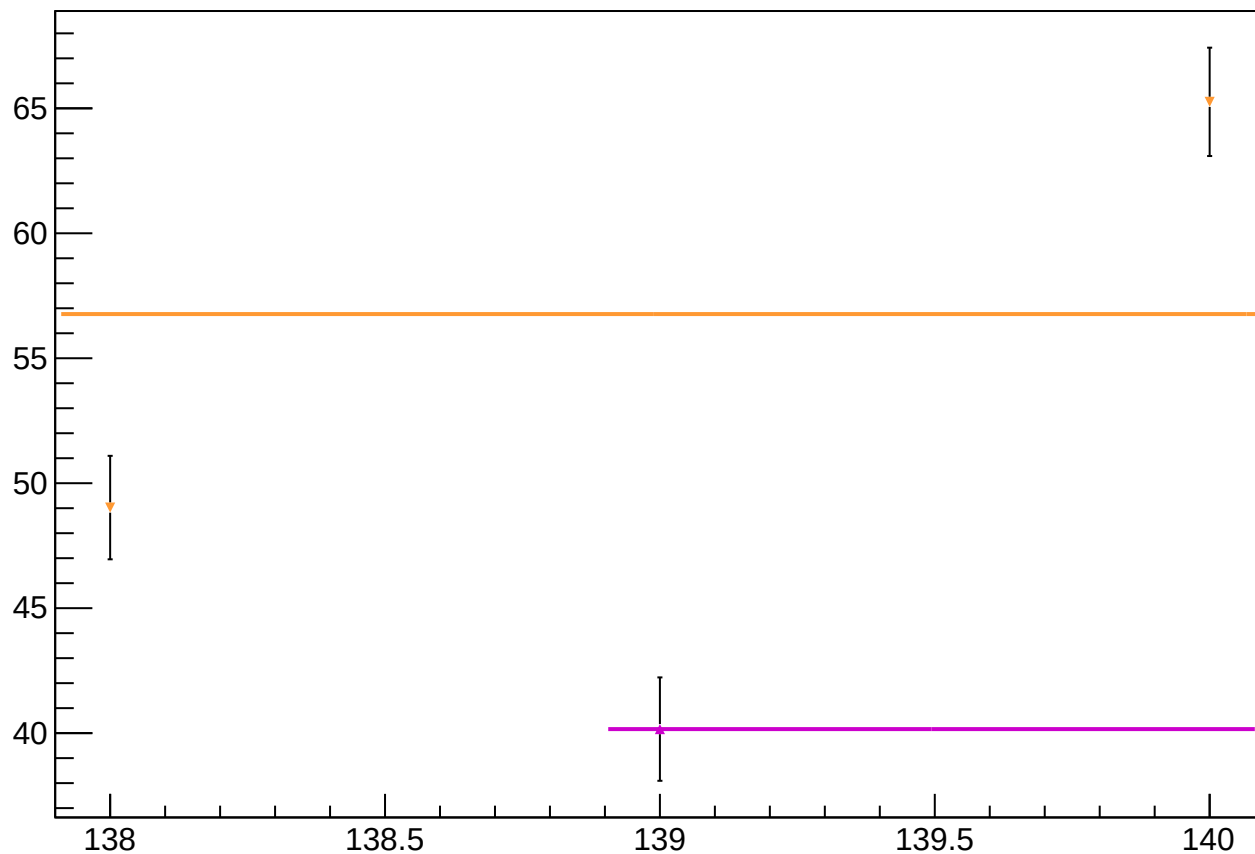
Right: -230.345+/-0.102 χ^2/NDF : 245990.9/35

In: -242.318+/-0.138 χ^2/NDF :166633.2/17

Out: -242.523+/-0.127 χ^2/NDF :165196.6/20

All: -242.429+/-0.093 χ^2/NDF : 331830.9/38

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: 56.768+/-1.497 χ^2/NDF :29.3/1

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

Left In: 40.161+/-2.069 χ^2/NDF :0.0/0

Left: 51.059+/-1.213 χ^2/NDF : 71.6/2

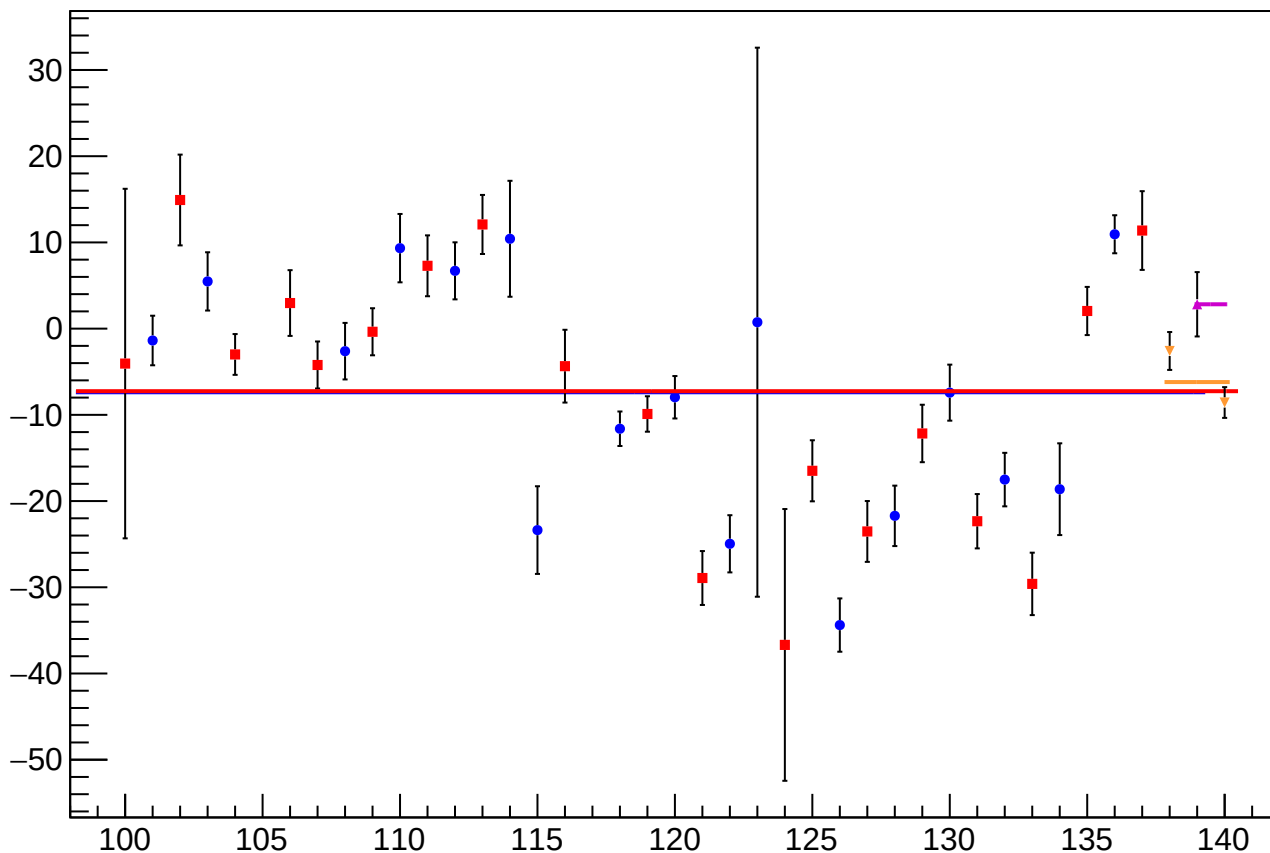
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.161+/-2.069 χ^2/NDF :0.0/0

Out: 56.768+/-1.497 χ^2/NDF :29.3/1

All: 51.059+/-1.213 χ^2/NDF : 71.6/2

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: -6.196 ± 1.385 χ^2/NDF : 4.5/1

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

Left In: 2.825 ± 3.732 χ^2/NDF : 0.0/0

Left: -5.105 ± 1.298 χ^2/NDF : 9.6/2

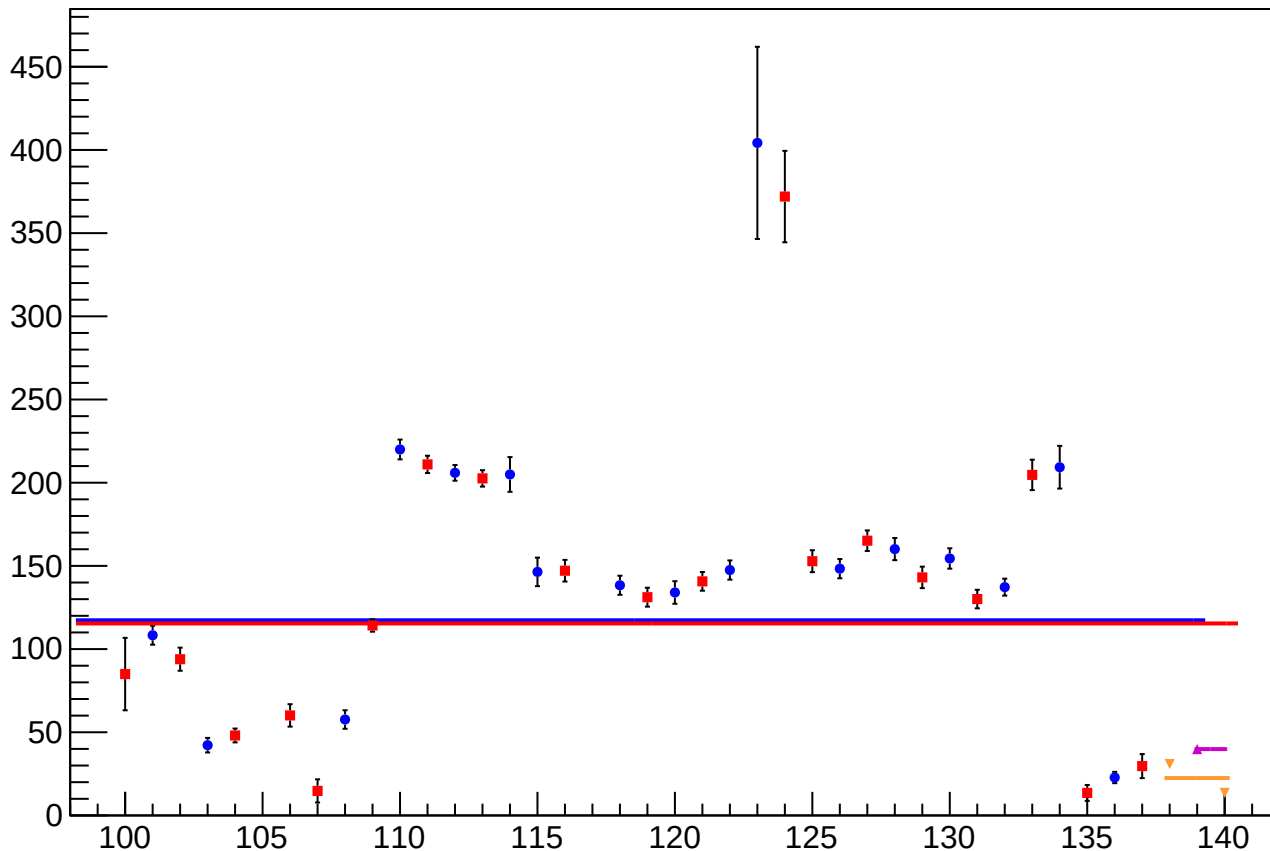
Right: -7.317 ± 0.545 χ^2/NDF : 540.9/35

In: -6.956 ± 0.762 χ^2/NDF : 290.7/17

Out: -7.010 ± 0.668 χ^2/NDF : 262.2/20

All: -6.986 ± 0.502 χ^2/NDF : 553.0/38

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: 22.482 $\pm$ 1.610 χ^2 /NDF: 28.9/1

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

Left In: 39.889 $\pm$ 2.240 χ^2 /NDF: 0.0/0

Left: 28.411 $\pm$ 1.307 χ^2 /NDF: 68.7/2

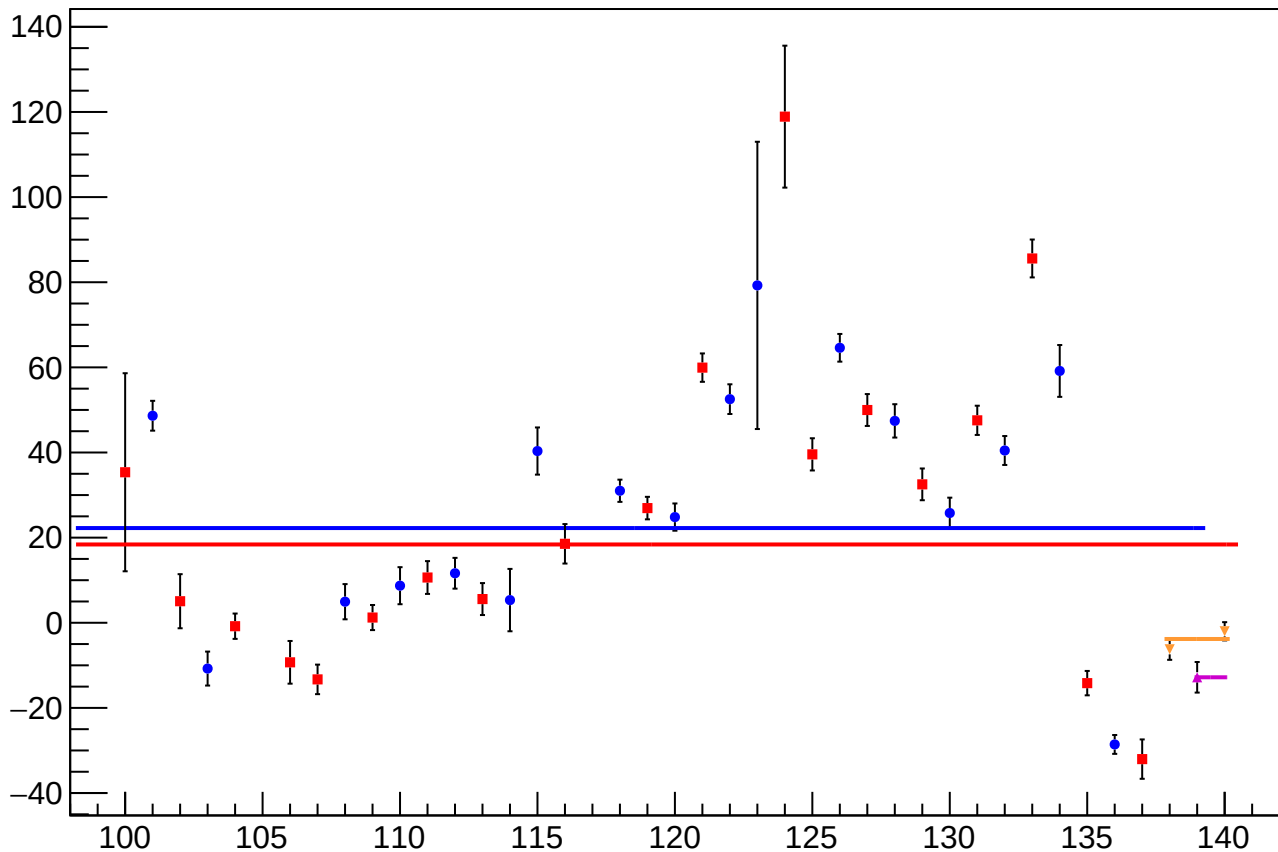
Right: 116.321 $\pm$ 0.979 χ^2 /NDF: 4312.7/35

In: 95.359 $\pm$ 1.192 χ^2 /NDF: 3017.4/17

Out: 76.680 $\pm$ 1.039 χ^2 /NDF: 4123.2/20

All: 84.743 $\pm$ 0.783 χ^2 /NDF: 7280.1/38

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -3.810 $\pm$ 1.622 χ^2 /NDF:1.7/1

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

Left In: -12.810 $\pm$ 3.593 χ^2 /NDF:0.0/0

Left: -5.333 $\pm$ 1.478 χ^2 /NDF: 6.9/2

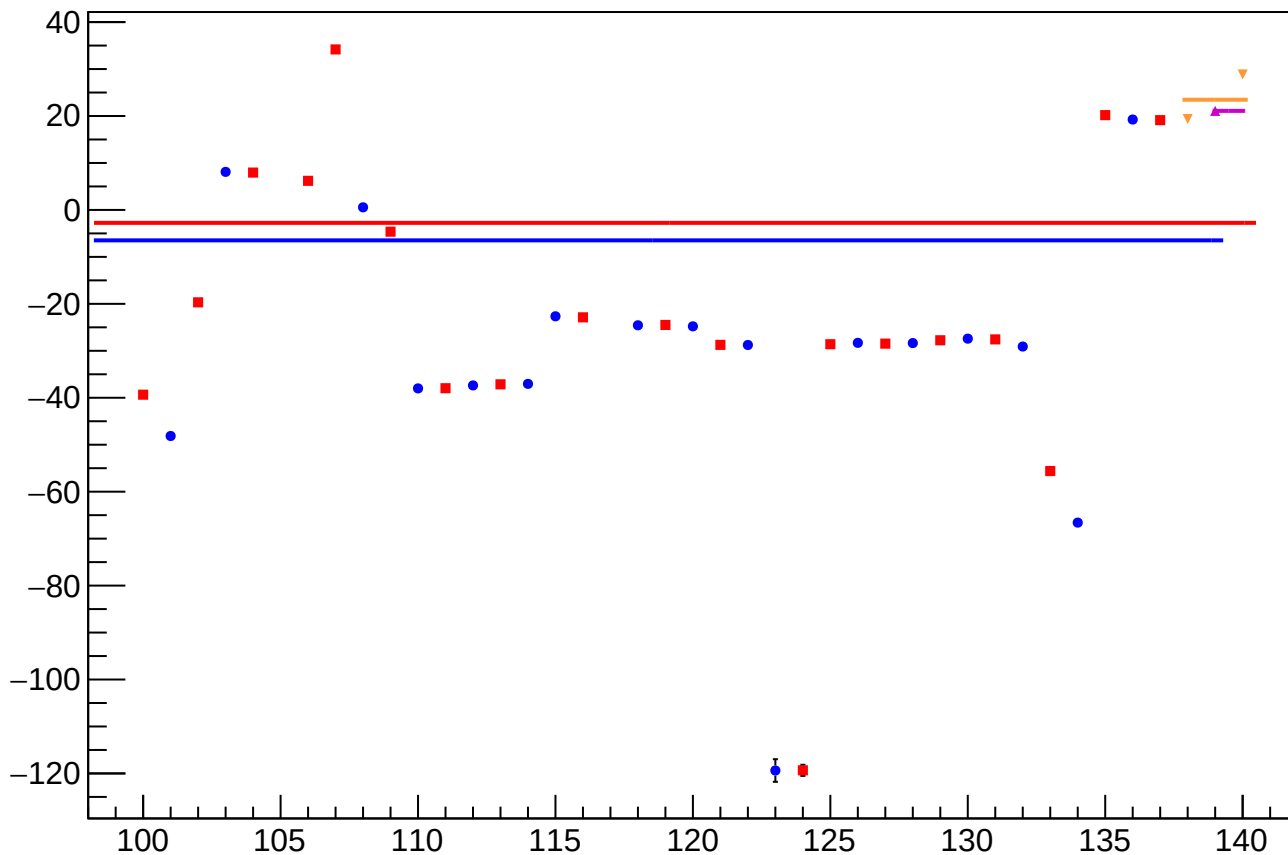
Right: 20.284 $\pm$ 0.622 χ^2 /NDF: 2158.2/35

In: 20.227 $\pm$ 0.863 χ^2 /NDF:1161.2/17

Out: 13.416 $\pm$ 0.768 χ^2 /NDF:1224.2/20

All: 16.425 $\pm$ 0.574 χ^2 /NDF: 2420.2/38

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: 23.463 ± 0.066 χ^2/NDF : 5093.8/1

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

Left In: 21.093 ± 0.079 χ^2/NDF : 0.0/0

Left: 22.488 ± 0.051 χ^2/NDF : 5625.2/2

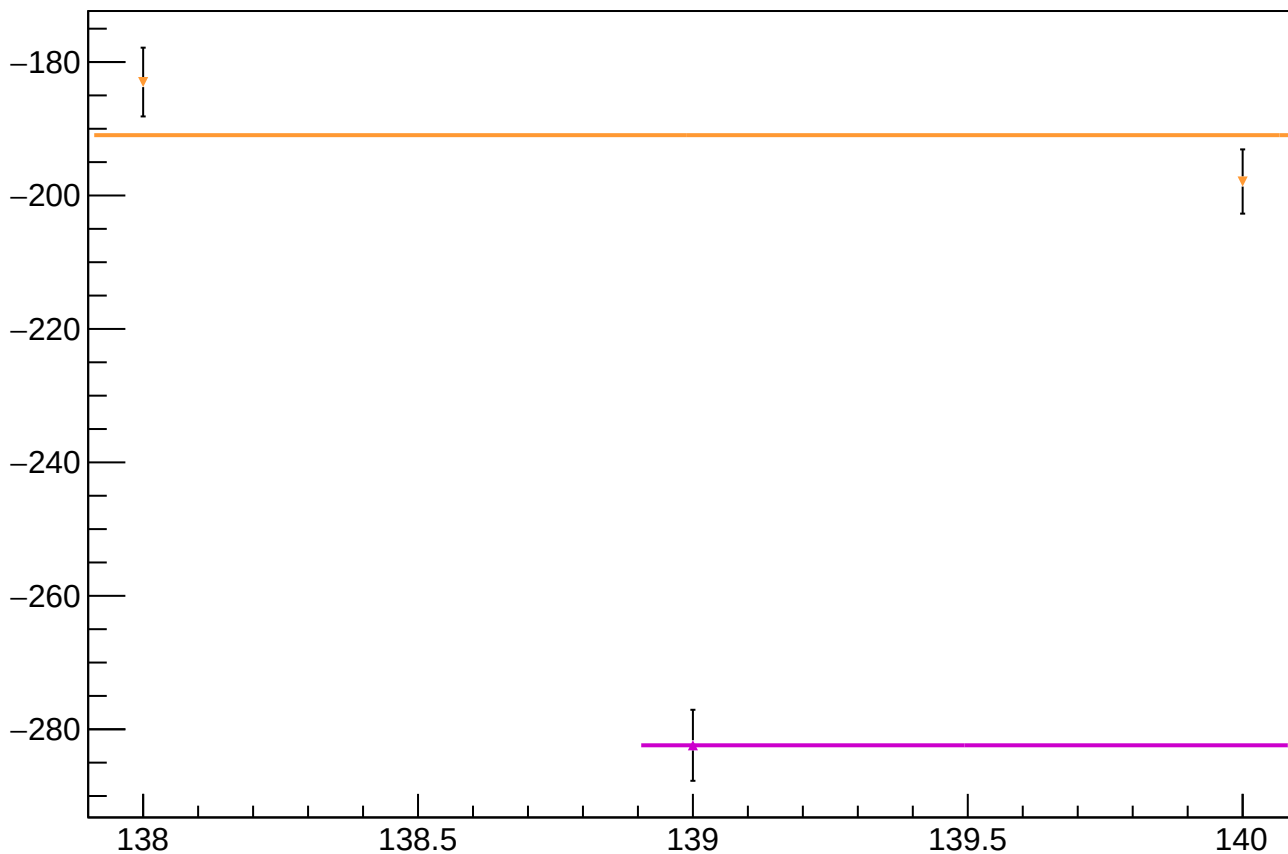
Right: -4.597 ± 0.032 χ^2/NDF : 535394.7/35

In: 0.557 ± 0.040 χ^2/NDF : 356884.6/17

Out: 5.754 ± 0.038 χ^2/NDF : 378241.0/20

All: 3.309 ± 0.027 χ^2/NDF : 744140.8/38

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: -190.958+/-3.518 χ^2/NDF : 4.5/1

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

Left In: -282.401+/-5.321 χ^2/NDF : 0.0/0

Left: -218.769+/-2.935 χ^2/NDF : 210.0/2

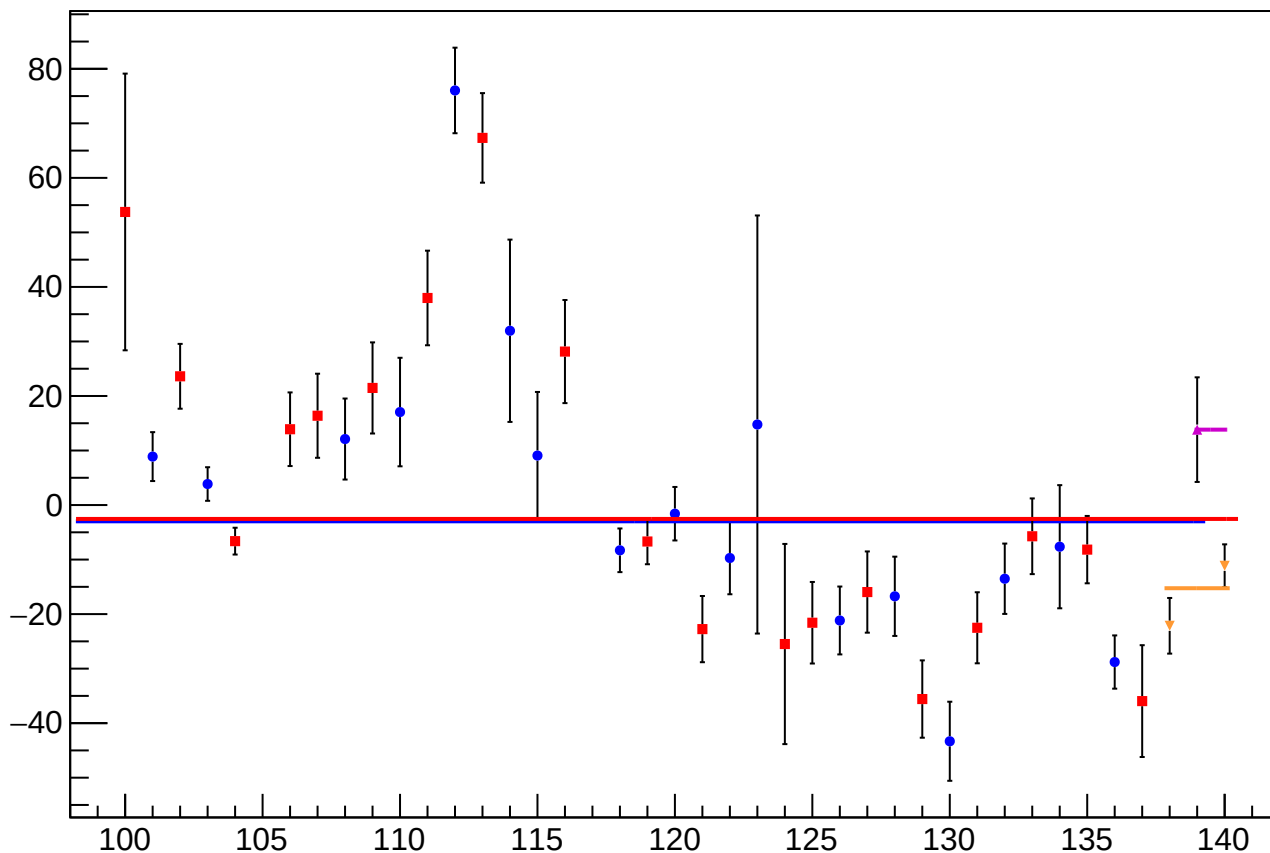
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -282.401+/-5.321 χ^2/NDF : 0.0/0

Out: -190.958+/-3.518 χ^2/NDF : 4.5/1

All: -218.769+/-2.935 χ^2/NDF : 210.0/2

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: -15.254 ± 3.119 χ^2/NDF : 2.9/1

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

Left In: 13.828 ± 9.594 χ^2/NDF : 0.0/0

Left: -12.475 ± 2.966 χ^2/NDF : 11.2/2

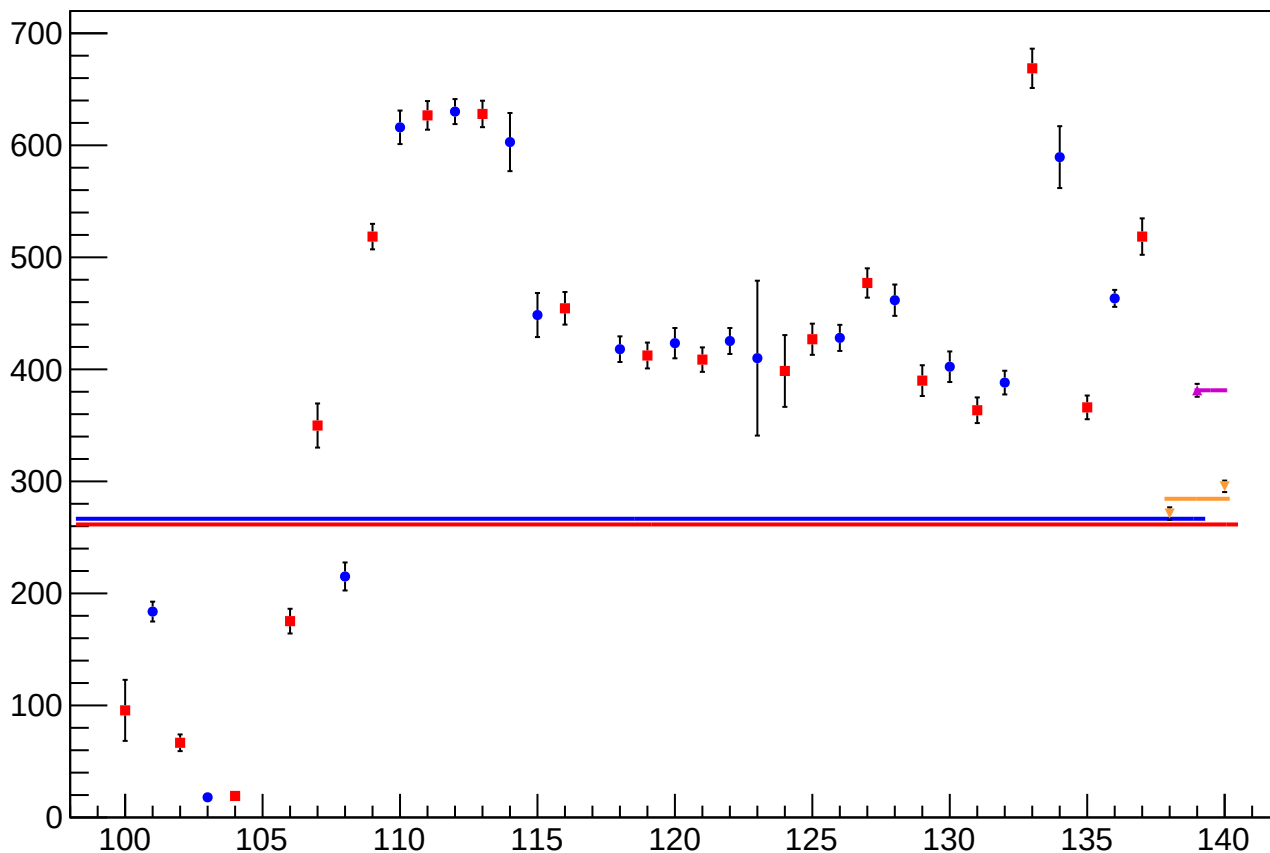
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: -2.606 ± 1.434 χ^2/NDF : 206.9/17

Out: -4.675 ± 1.276 χ^2/NDF : 234.8/20

All: -3.761 ± 0.953 χ^2/NDF : 442.9/38

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: 284.473 $\pm$ 3.777 χ^2 /NDF:10.3/1

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

Left In: 381.306 $\pm$ 5.761 χ^2 /NDF:0.0/0

Left: 313.582 $\pm$ 3.159 χ^2 /NDF: 207.9/2

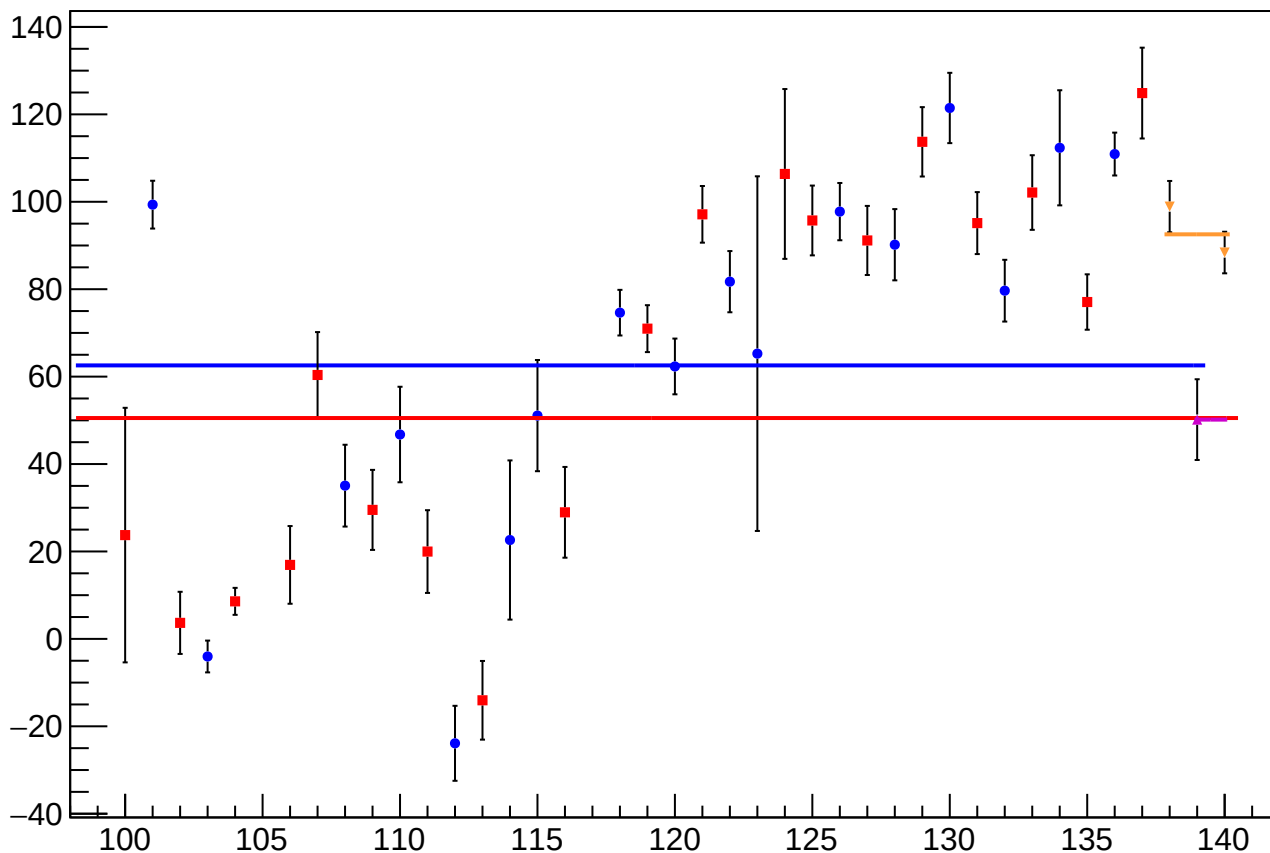
Right: 264.068 $\pm$ 1.745 χ^2 /NDF: 15873.0/35

In: 284.519 $\pm$ 2.276 χ^2 /NDF:7997.1/17

Out: 268.369 $\pm$ 2.060 χ^2 /NDF:8244.4/20

All: 275.643 $\pm$ 1.527 χ^2 /NDF: 16269.2/38

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: 92.554 $\pm$ 3.695 χ^2 /NDF:1.9/1

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

Left In: 50.165 $\pm$ 9.235 χ^2 /NDF:0.0/0

Left: 86.705 $\pm$ 3.431 χ^2 /NDF: 20.1/2

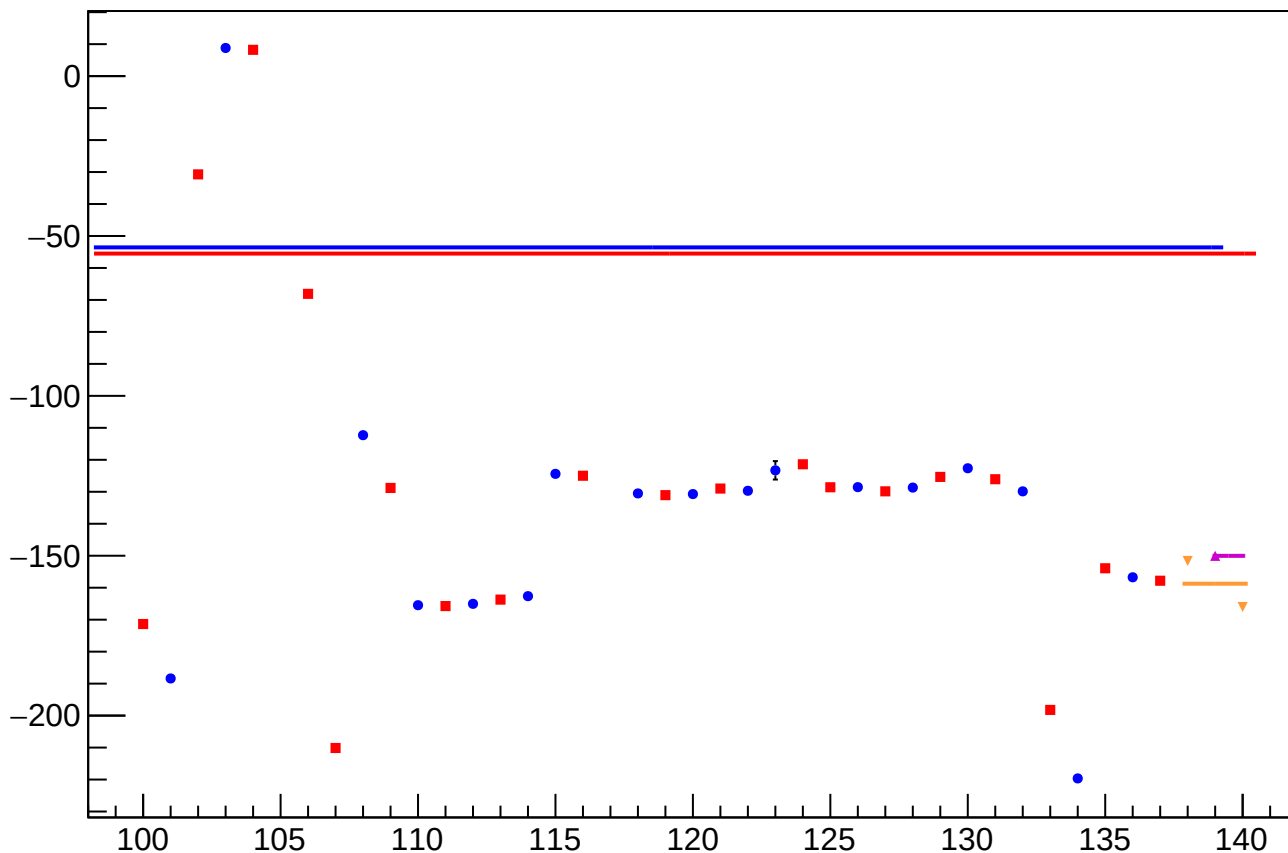
Right: 56.420 $\pm$ 1.174 χ^2 /NDF: 1405.7/35

In: 62.170 $\pm$ 1.651 χ^2 /NDF:724.1/17

Out: 57.467 $\pm$ 1.502 χ^2 /NDF:766.9/20

All: 59.596 $\pm$ 1.111 χ^2 /NDF: 1495.5/38

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567 $\pm$ 0.070 χ^2 /NDF: 1230233.3/16

Left Out: -158.754 $\pm$ 0.158 χ^2 /NDF: 2086.4/1

Right Out: -55.502 $\pm$ 0.072 χ^2 /NDF: 969632.0/18

Left In: -150.034 $\pm$ 0.203 χ^2 /NDF: 0.0/0

Left: -155.477 $\pm$ 0.125 χ^2 /NDF: 3236.9/2

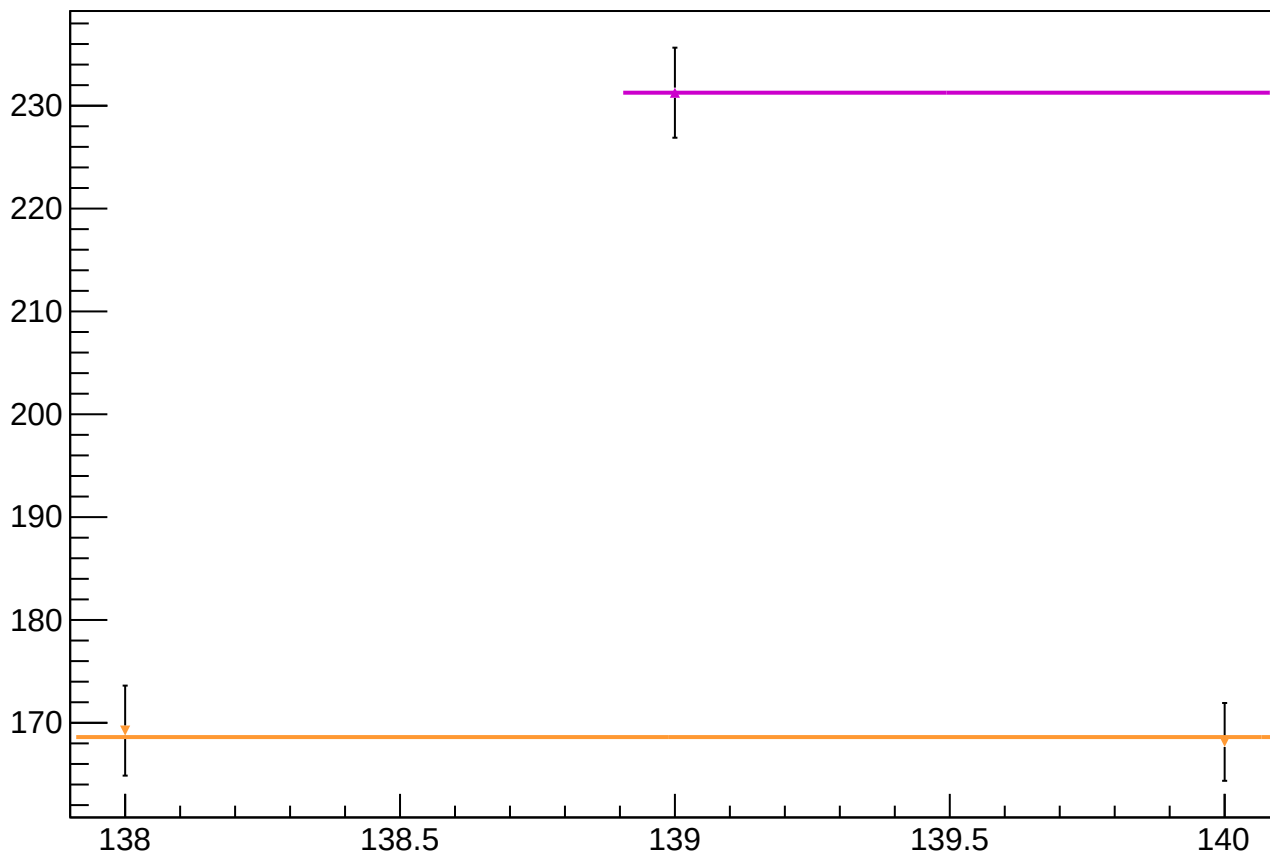
Right: -54.512 $\pm$ 0.050 χ^2 /NDF: 2200235.7/35

In: -63.880 $\pm$ 0.066 χ^2 /NDF: 1431686.1/17

Out: -73.292 $\pm$ 0.065 χ^2 /NDF: 1326970.2/20

All: -68.657 $\pm$ 0.047 χ^2 /NDF: 2768850.5/38

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: 168.614+/-2.862 χ^2/NDF : 0.0/1

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

Left In: 231.267+/-4.378 χ^2/NDF : 0.0/0

Left: 187.368+/-2.395 χ^2/NDF : 143.5/2

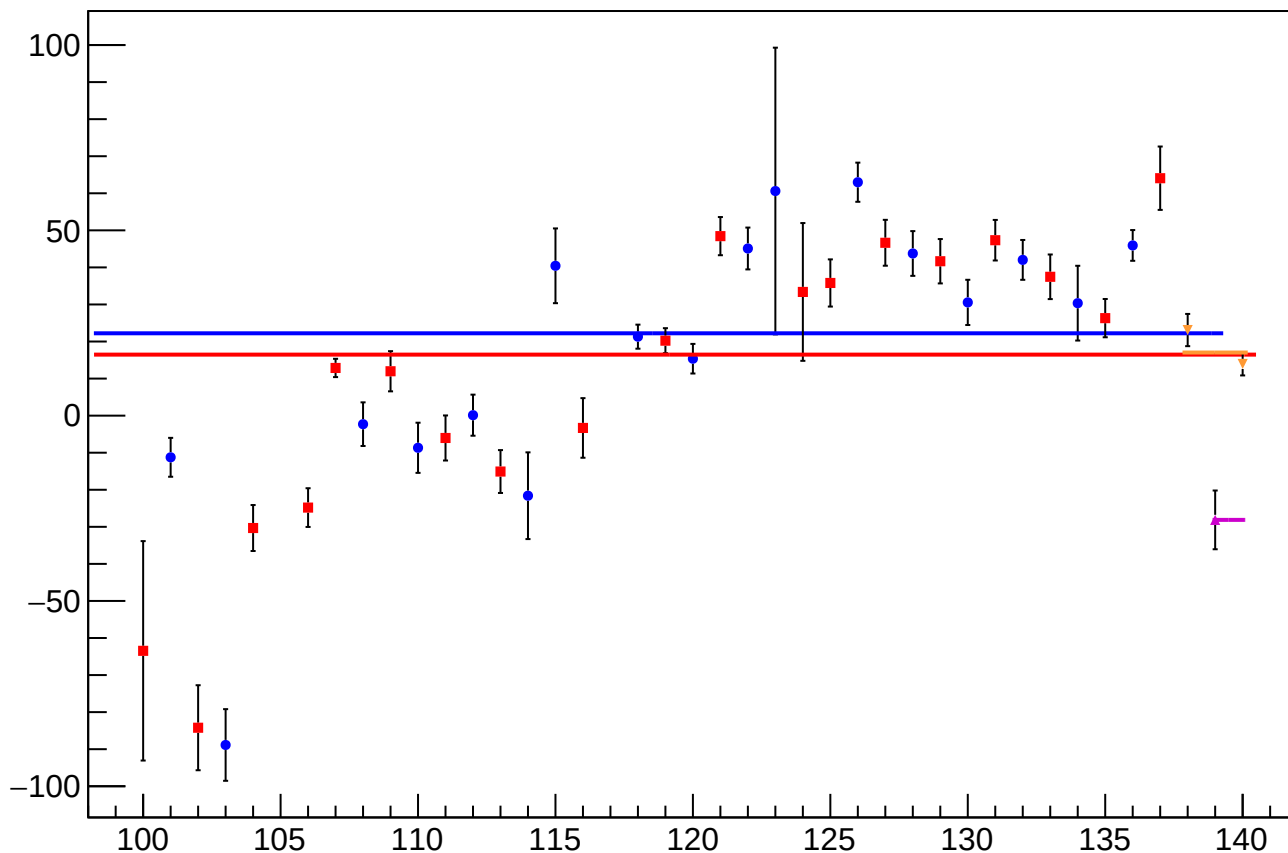
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.267+/-4.378 χ^2/NDF : 0.0/0

Out: 168.614+/-2.862 χ^2/NDF : 0.0/1

All: 187.368+/-2.395 χ^2/NDF : 143.5/2

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: 17.029 $\pm$ 2.524 χ^2 /NDF: 2.9/1

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

Left In: -28.128 $\pm$ 7.924 χ^2 /NDF: 0.0/0

Left: 12.872 $\pm$ 2.405 χ^2 /NDF: 32.4/2

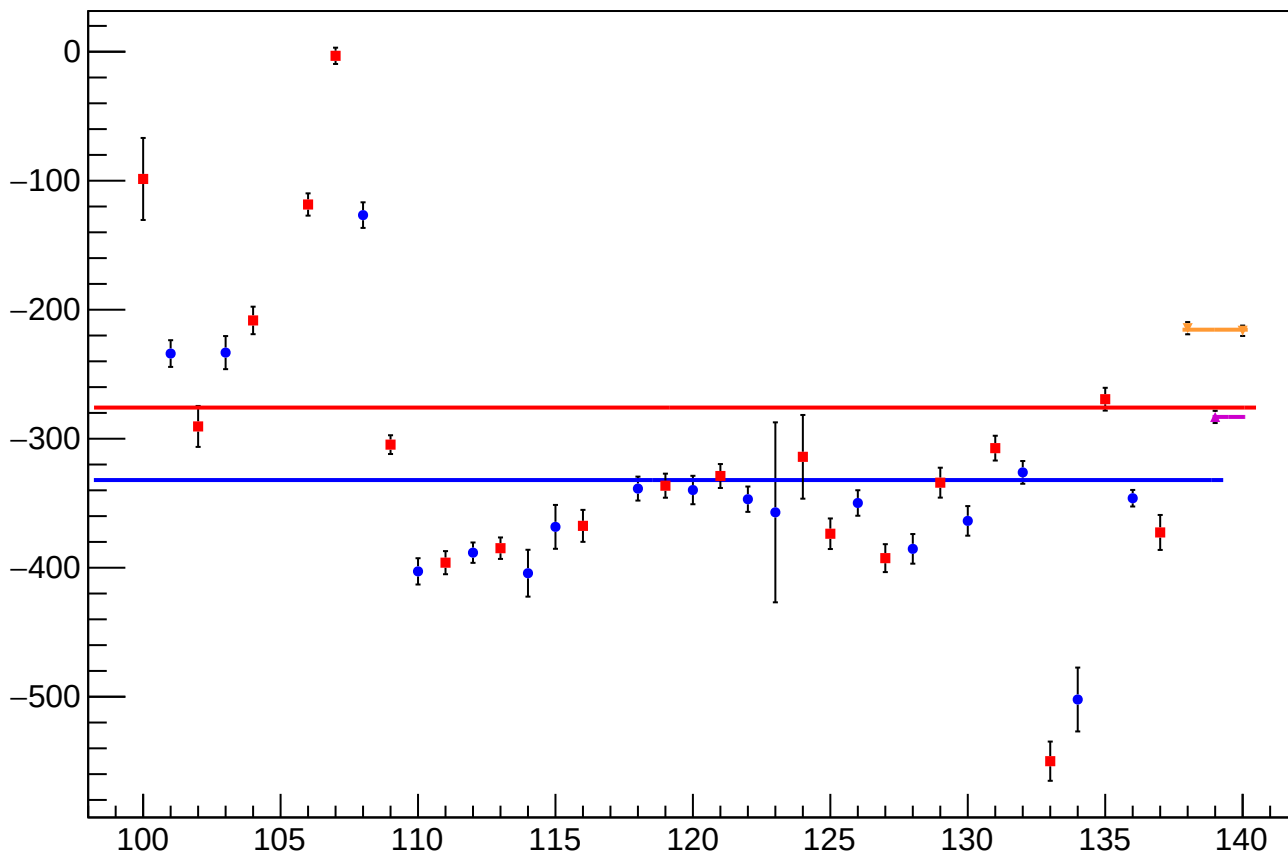
Right: 19.025 $\pm$ 0.916 χ^2 /NDF: 821.2/35

In: 20.752 $\pm$ 1.354 χ^2 /NDF: 424.8/17

Out: 16.574 $\pm$ 1.105 χ^2 /NDF: 428.9/20

All: 18.245 $\pm$ 0.856 χ^2 /NDF: 859.4/38

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037 $\pm$ 2.562 χ^2 /NDF: 784.9/16

Left Out: -215.479 $\pm$ 3.070 χ^2 /NDF:0.1/1

Right Out: -275.853 $\pm$ 2.324 χ^2 /NDF: 3362.8/18

Left In: -283.108 $\pm$ 4.737 χ^2 /NDF:0.0/0

Left: -235.489 $\pm$ 2.576 χ^2 /NDF: 143.6/2

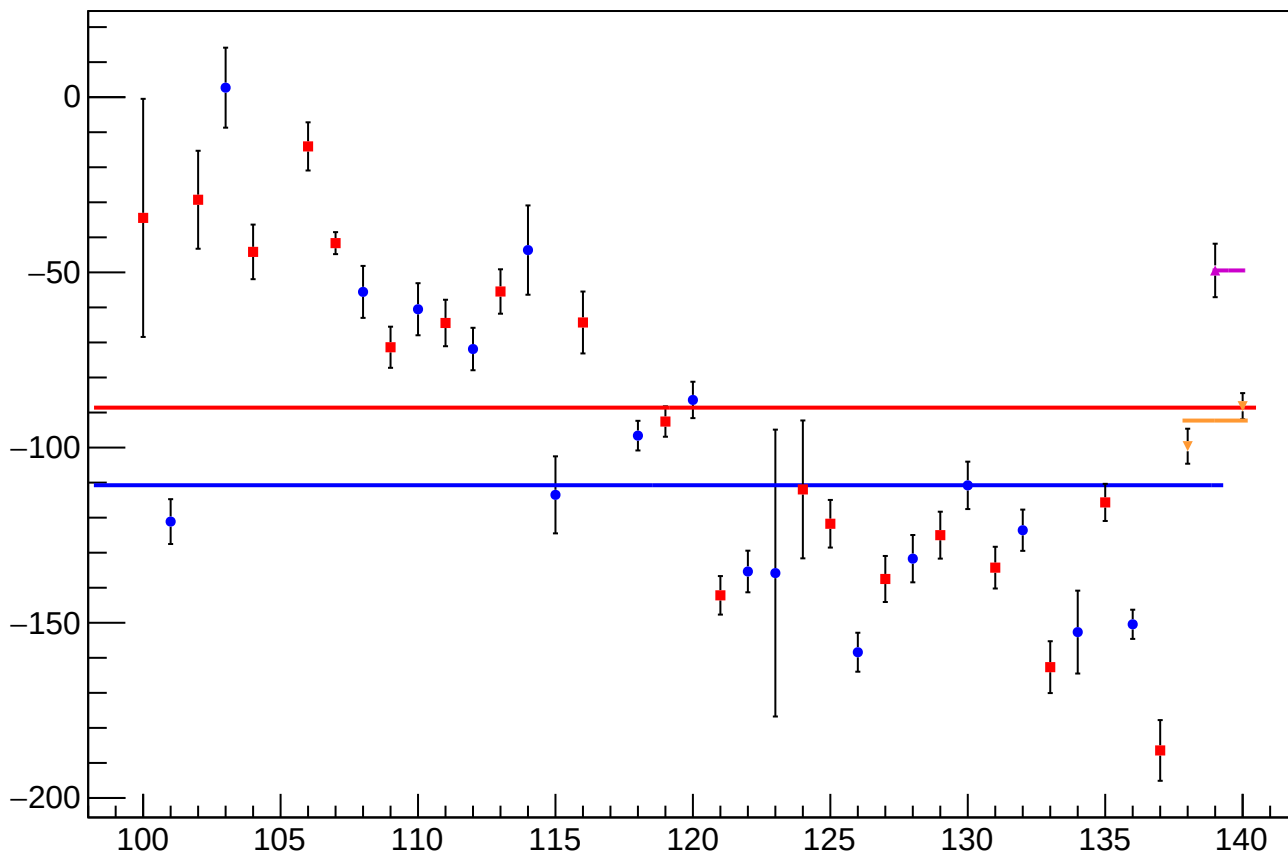
Right: -301.220 $\pm$ 1.721 χ^2 /NDF: 4411.6/35

In: -320.963 $\pm$ 2.253 χ^2 /NDF:867.5/17

Out: -253.858 $\pm$ 1.853 χ^2 /NDF:3608.7/20

All: -280.932 $\pm$ 1.431 χ^2 /NDF: 5005.2/38

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: -92.291 ± 2.993 χ^2/NDF : 3.3/1

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

Left In: -49.448 ± 7.631 χ^2/NDF : 0.0/0

Left: -86.581 ± 2.786 χ^2/NDF : 30.7/2

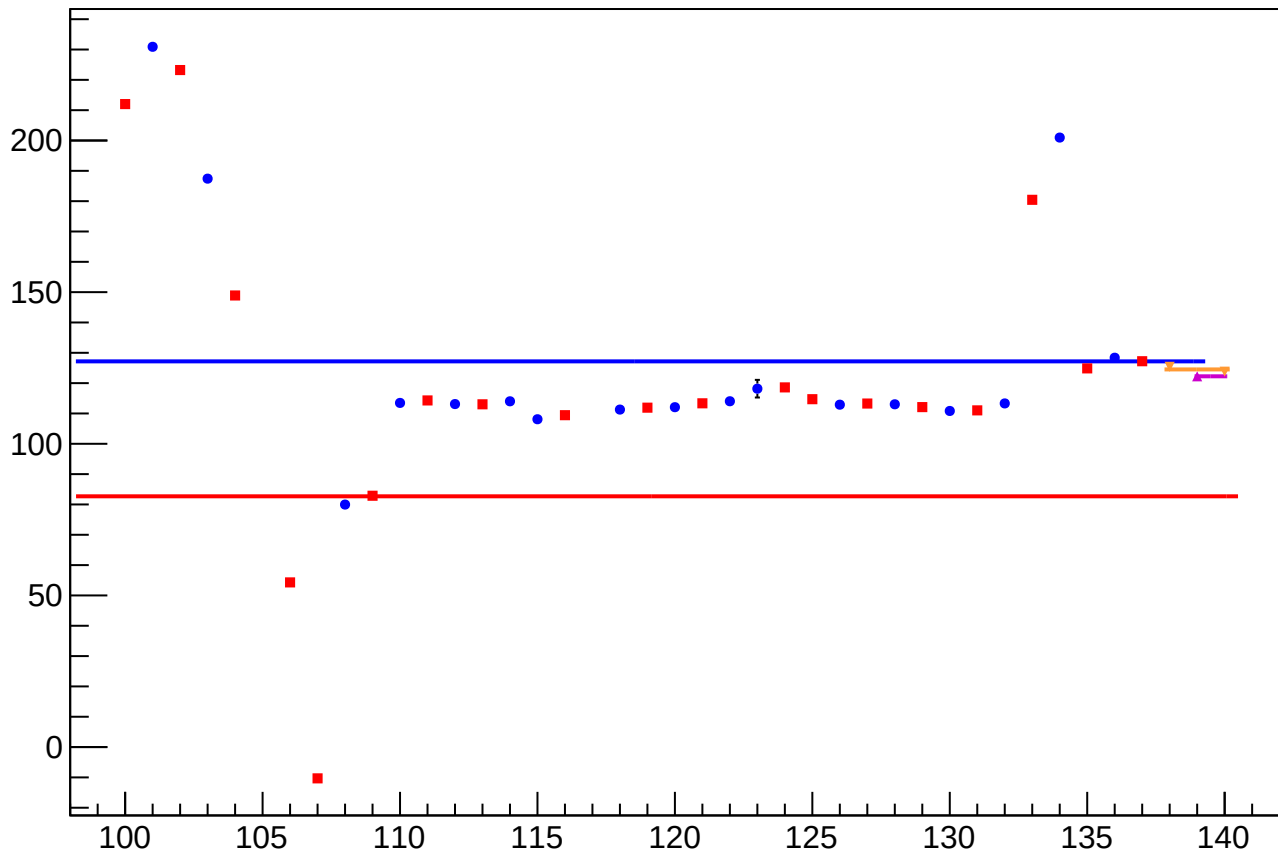
Right: -98.623 ± 1.061 χ^2/NDF : 1591.0/35

In: -108.232 ± 1.545 χ^2/NDF : 575.3/17

Out: -89.289 ± 1.294 χ^2/NDF : 974.3/20

All: -97.097 ± 0.992 χ^2/NDF : 1638.0/38

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 124.521 $\pm$ 0.128 χ^2 /NDF:38.9/1

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

Left In: 122.254 $\pm$ 0.168 χ^2 /NDF:0.0/0

Left: 123.684 $\pm$ 0.102 χ^2 /NDF: 154.1/2

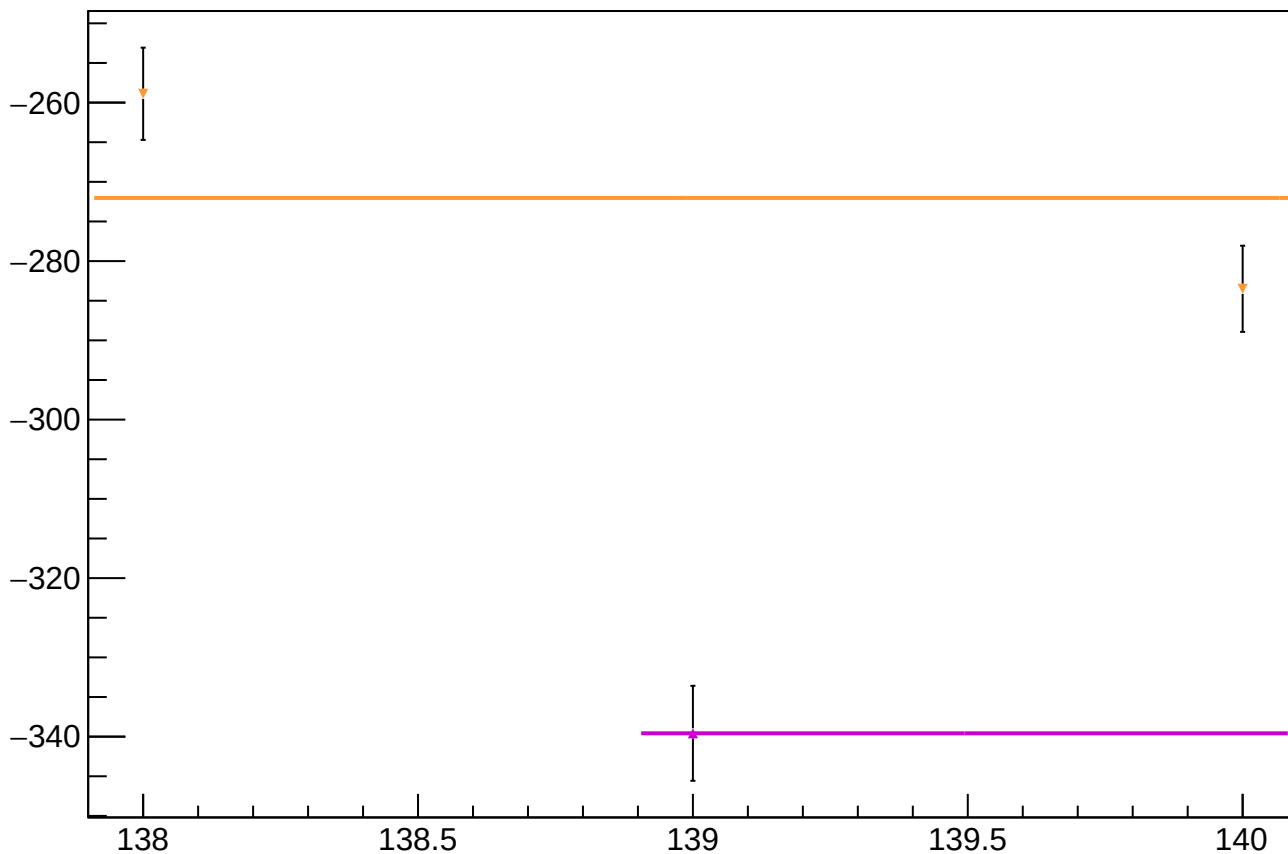
Right: 101.242 $\pm$ 0.057 χ^2 /NDF: 1099401.9/35

In: 126.097 $\pm$ 0.079 χ^2 /NDF:188723.3/17

Out: 93.385 $\pm$ 0.065 χ^2 /NDF:844719.3/20

All: 106.654 $\pm$ 0.050 χ^2 /NDF: 1136297.1/38

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: -272.030+/-3.973 χ^2/NDF : 9.5/1

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

Left In: -339.578+/-5.993 χ^2/NDF : 0.0/0

Left: -292.651+/-3.311 χ^2/NDF : 97.8/2

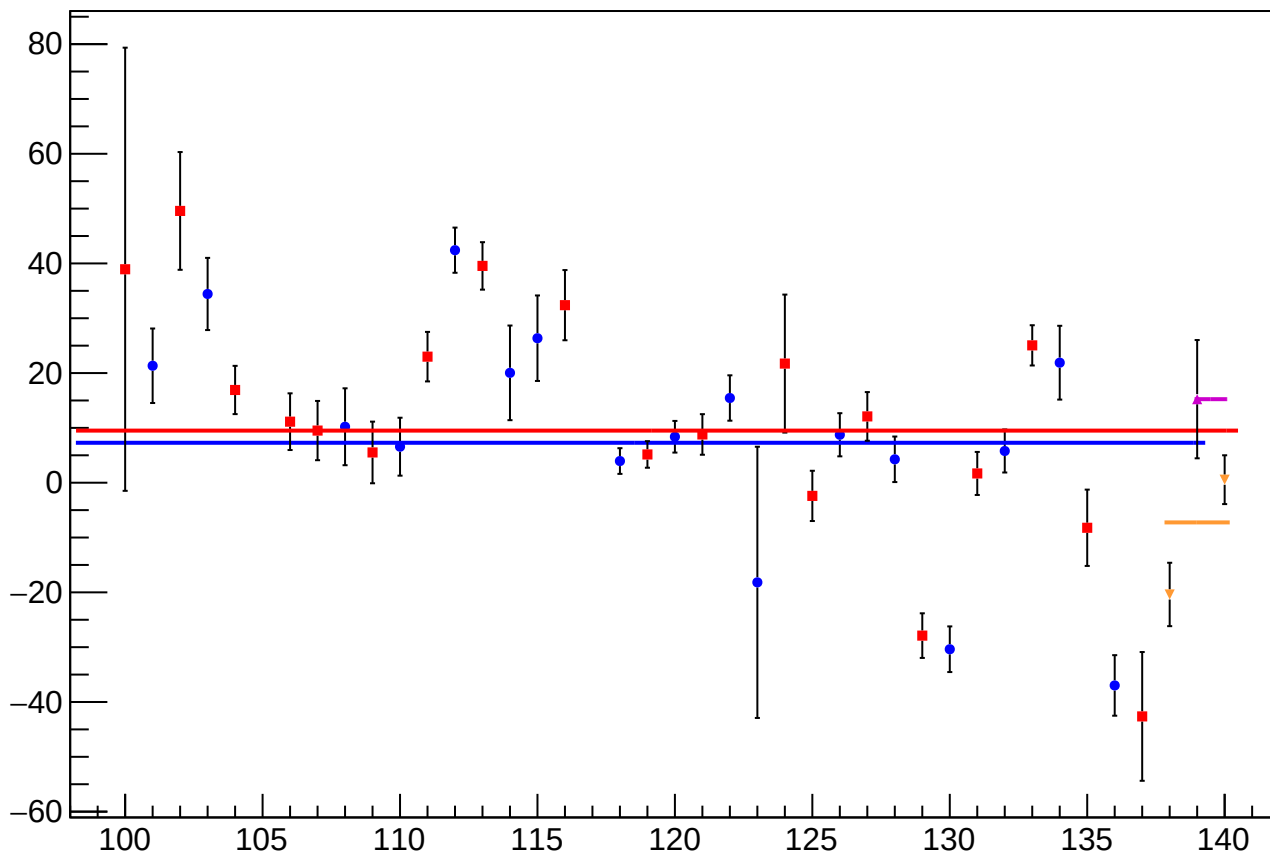
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -339.578+/-5.993 χ^2/NDF : 0.0/0

Out: -272.030+/-3.973 χ^2/NDF : 9.5/1

All: -292.651+/-3.311 χ^2/NDF : 97.8/2

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284 ± 1.084 χ^2/NDF : 261.0/16

Left Out: -7.242 ± 3.528 χ^2/NDF : 8.2/1

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

Left In: 15.238 ± 10.788 χ^2/NDF : 0.0/0

Left: -5.071 ± 3.353 χ^2/NDF : 12.2/2

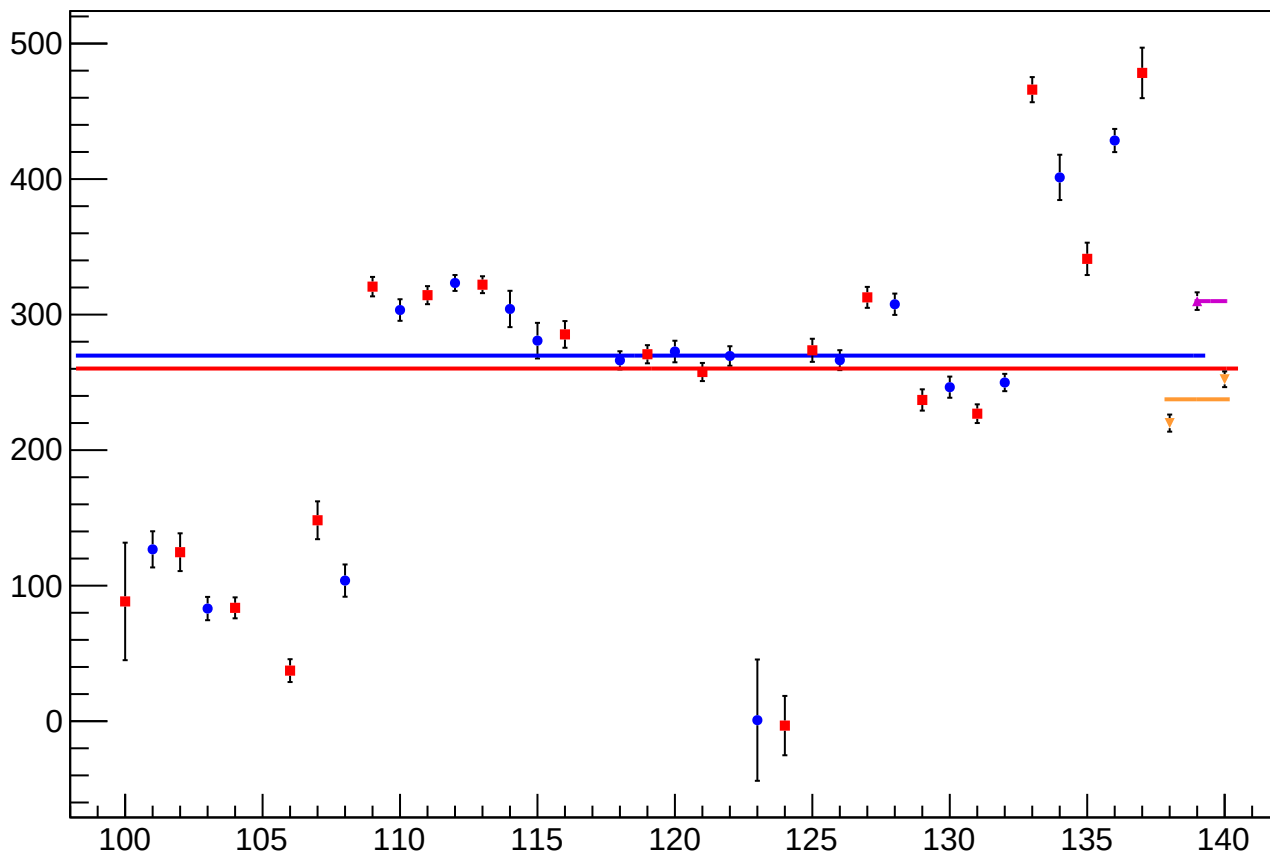
Right: 8.404 ± 0.763 χ^2/NDF : 494.7/35

In: 7.364 ± 1.078 χ^2/NDF : 261.6/17

Out: 8.083 ± 1.028 χ^2/NDF : 260.4/20

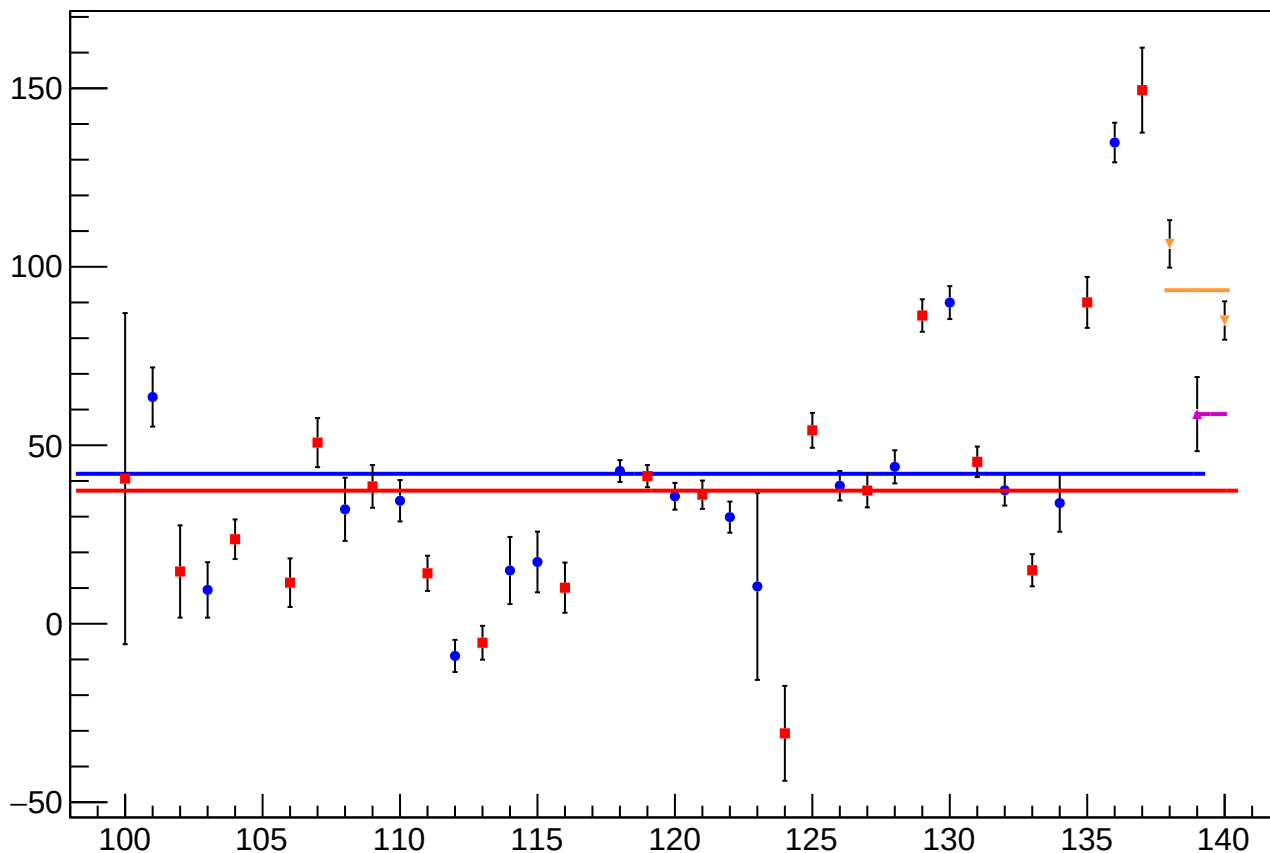
All: 7.741 ± 0.744 χ^2/NDF : 522.2/38

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 259.347 ± 3.564 $\chi^2/\text{NDF}: 101.3/2$
 Right: 264.757 ± 1.430 $\chi^2/\text{NDF}: 3926.7/35$
 In: 273.464 ± 1.973 $\chi^2/\text{NDF}: 1408.9/17$
 Out: 256.187 ± 1.794 $\chi^2/\text{NDF}: 2579.2/20$
 All: 264.006 ± 1.328 $\chi^2/\text{NDF}: 4030.0/38$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 93.437 $\pm$ 4.178 χ^2 /NDF: 6.3/1

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

Left In: 58.735 $\pm$ 10.384 χ^2 /NDF: 0.0/0

Left: 88.602 $\pm$ 3.876 χ^2 /NDF: 15.9/2

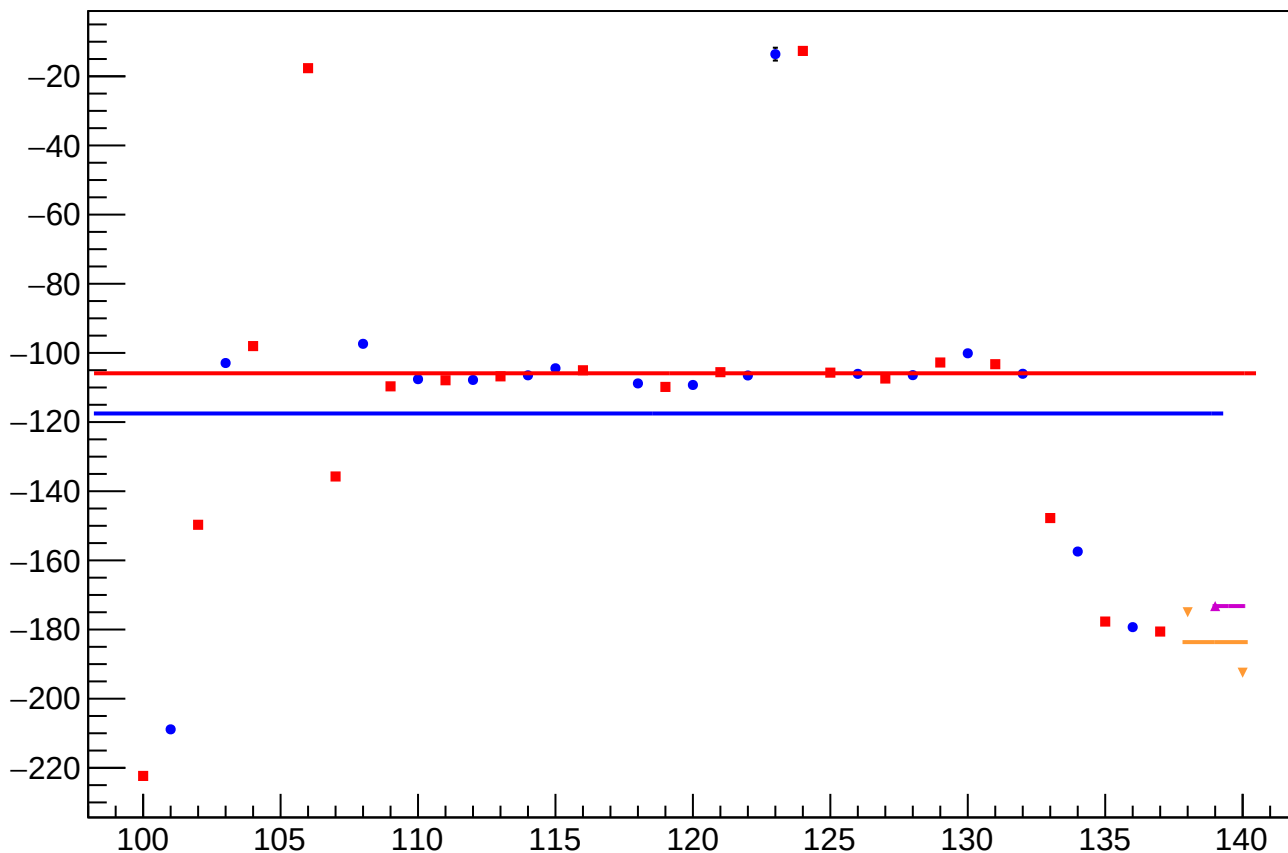
Right: 39.611 $\pm$ 0.881 χ^2 /NDF: 1055.4/35

In: 42.247 $\pm$ 1.246 χ^2 /NDF: 578.1/17

Out: 41.811 $\pm$ 1.186 χ^2 /NDF: 645.0/20

All: 42.018 $\pm$ 0.859 χ^2 /NDF: 1223.2/38

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516 ± 0.078 $\chi^2/\text{NDF}: 142016.6/16$

Left Out: -183.636 ± 0.178 $\chi^2/\text{NDF}: 2410.2/1$

Right Out: -105.892 ± 0.073 $\chi^2/\text{NDF}: 324304.4/18$

Left In: -173.214 ± 0.228 $\chi^2/\text{NDF}: 0.0/0$

Left: -179.695 ± 0.140 $\chi^2/\text{NDF}: 3706.3/2$

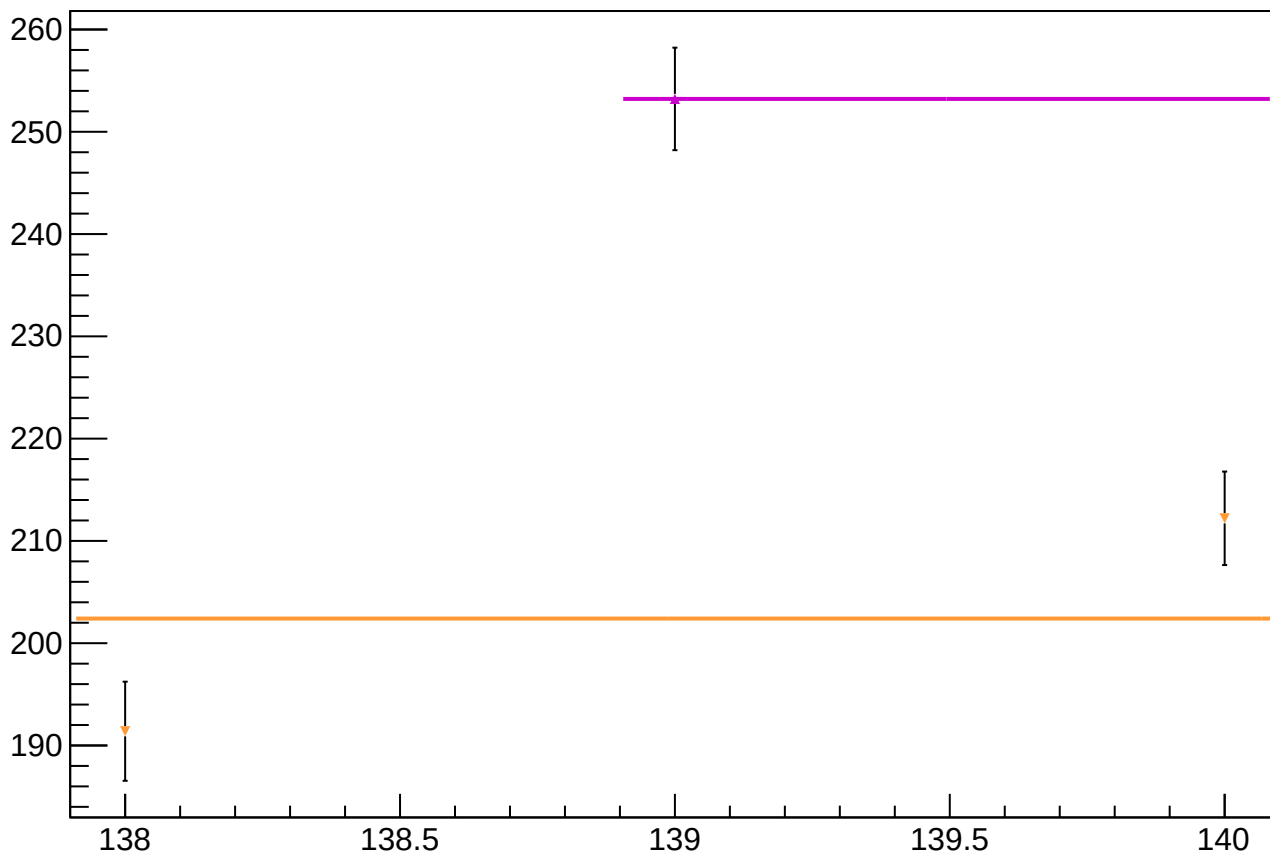
Right: -111.303 ± 0.053 $\chi^2/\text{NDF}: 478188.8/35$

In: -123.339 ± 0.074 $\chi^2/\text{NDF}: 195324.2/17$

Out: -117.030 ± 0.067 $\chi^2/\text{NDF}: 490103.2/20$

All: -119.898 ± 0.050 $\chi^2/\text{NDF}: 689411.8/38$

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: 202.408+/-3.325 χ^2/NDF : 9.8/1

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

Left In: 253.213+/-5.011 χ^2/NDF : 0.0/0

Left: 217.938+/-2.770 χ^2/NDF : 81.1/2

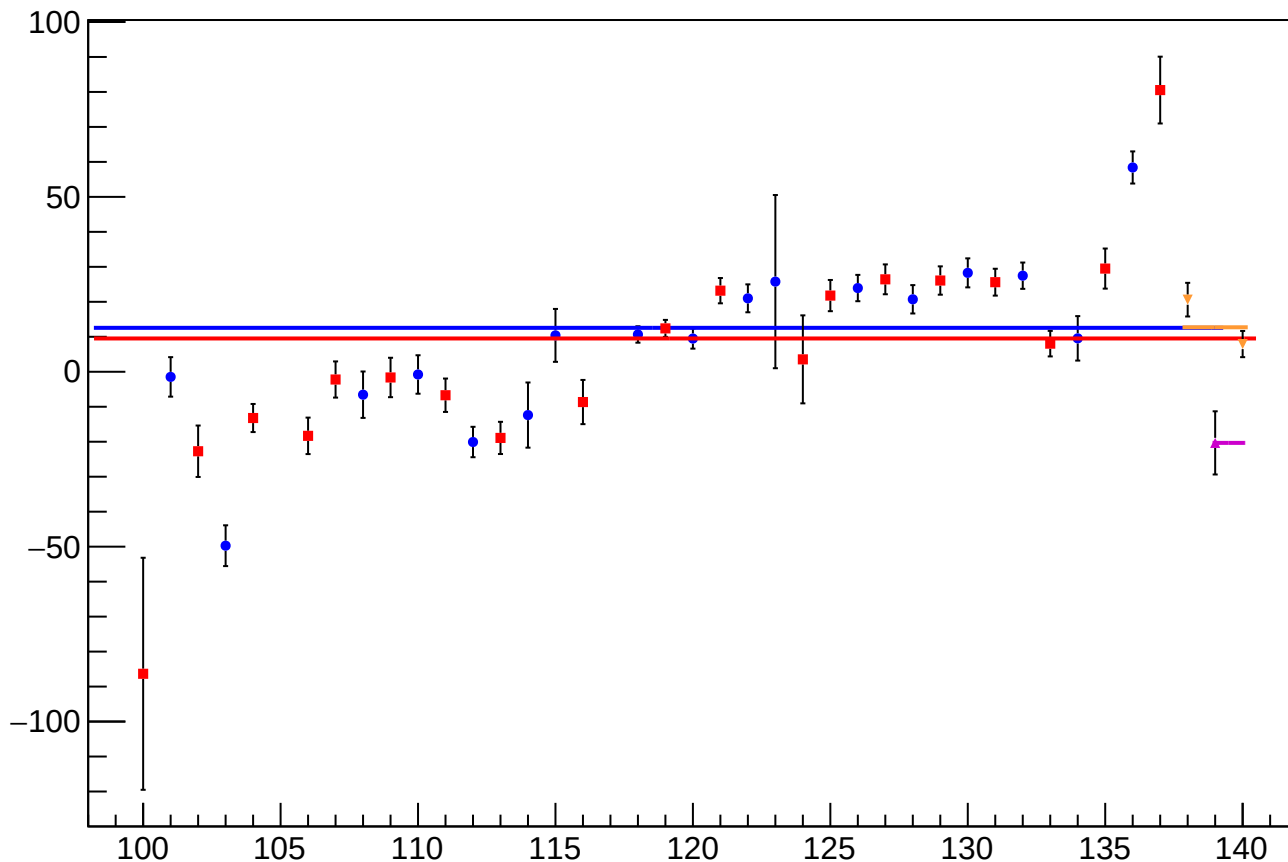
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.213+/-5.011 χ^2/NDF : 0.0/0

Out: 202.408+/-3.325 χ^2/NDF : 9.8/1

All: 217.938+/-2.770 χ^2/NDF : 81.1/2

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.056 χ^2/NDF : 347.7/16

Left Out: 12.718+/-2.956 χ^2/NDF : 4.3/1

Right Out: 9.519+/-1.051 χ^2/NDF : 296.2/18

Left In: -20.332+/-9.033 χ^2/NDF : 0.0/0

Left: 9.521+/-2.809 χ^2/NDF : 16.4/2

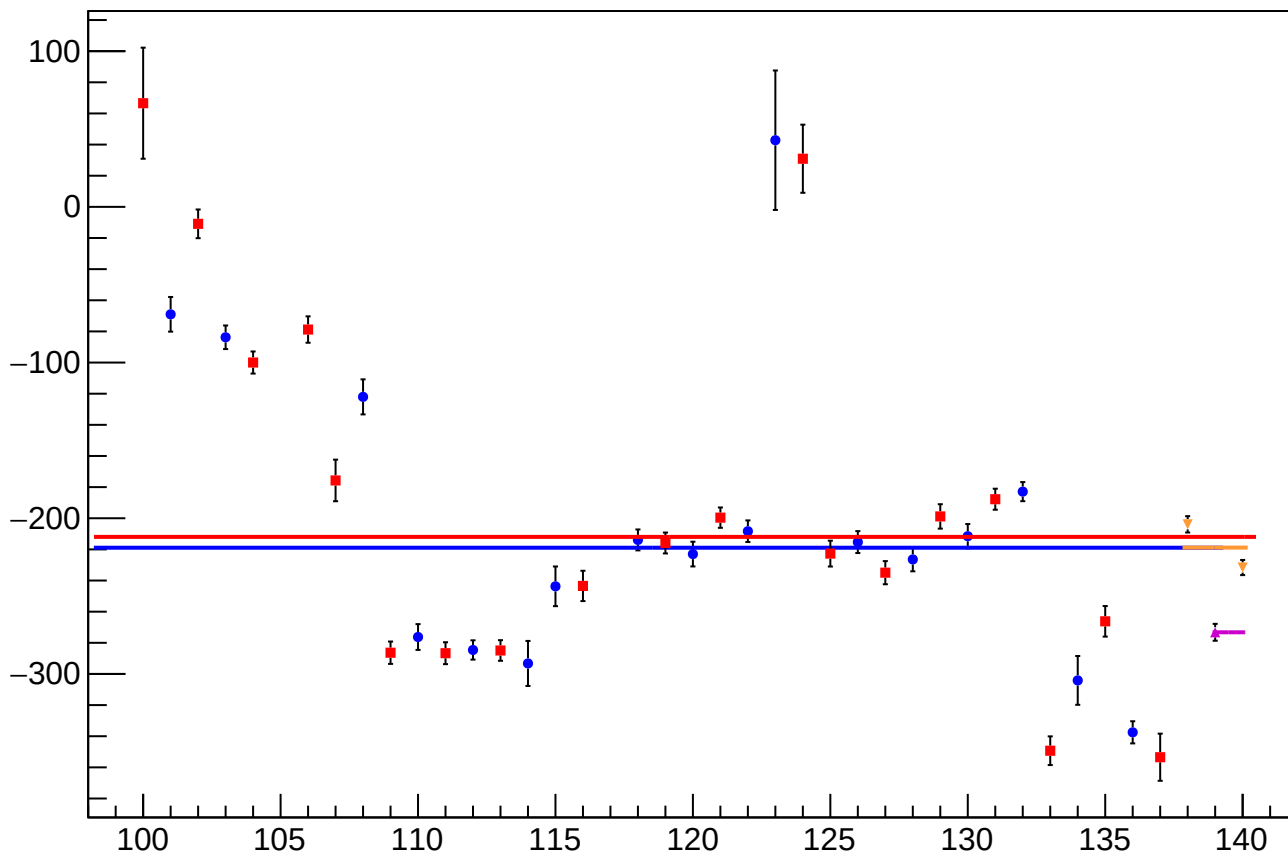
Right: 11.033+/-0.745 χ^2/NDF : 648.2/35

In: 12.118+/-1.048 χ^2/NDF : 360.8/17

Out: 9.878+/-0.990 χ^2/NDF : 301.6/20

All: 10.934+/-0.720 χ^2/NDF : 664.9/38

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: -218.834 ± 3.570 χ^2/NDF : 15.0/1

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

Left In: -273.248 ± 5.425 χ^2/NDF : 0.0/0

Left: -235.274 ± 2.982 χ^2/NDF : 85.2/2

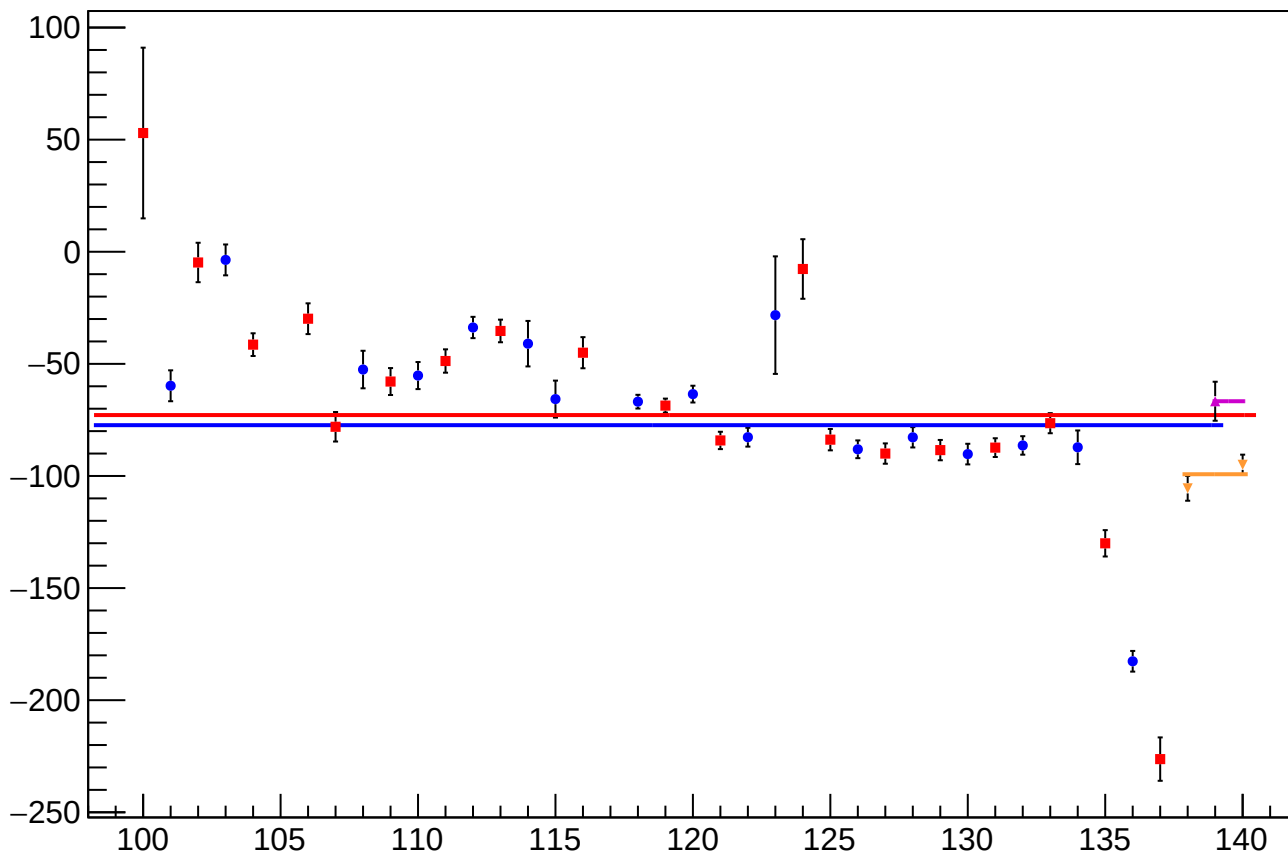
Right: -215.302 ± 1.389 χ^2/NDF : 3039.1/35

In: -225.458 ± 1.881 χ^2/NDF : 1234.8/17

Out: -213.514 ± 1.694 χ^2/NDF : 1904.1/20

All: -218.861 ± 1.259 χ^2/NDF : 3161.1/38

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342 $\pm$ 1.219 χ^2/NDF : 817.2/16

Left Out: -99.223 $\pm$ 3.499 χ^2/NDF : 2.2/1

Right Out: -72.836 $\pm$ 1.209 χ^2/NDF : 672.9/18

Left In: -66.666 $\pm$ 8.696 χ^2/NDF : 0.0/0

Left: -94.686 $\pm$ 3.246 χ^2/NDF : 14.2/2

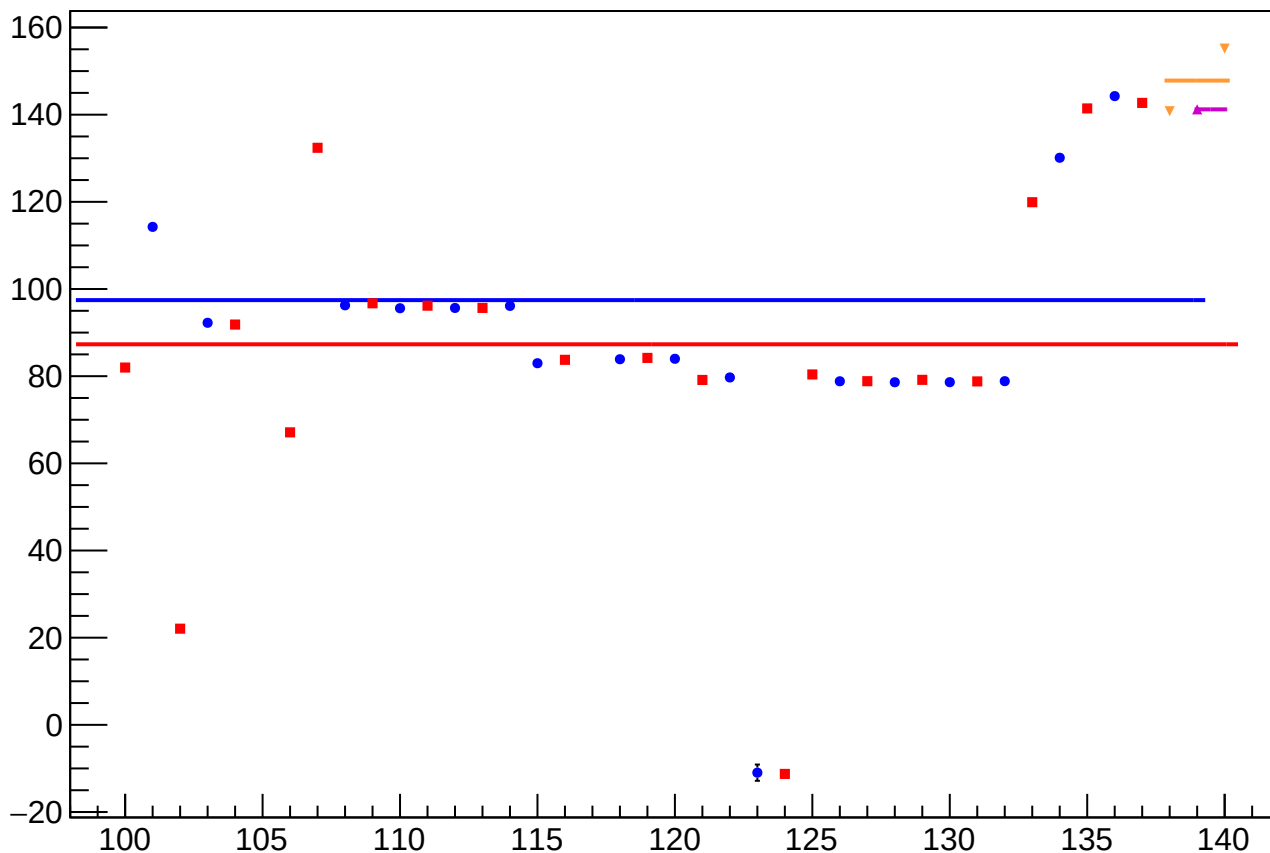
Right: -75.069 $\pm$ 0.858 χ^2/NDF : 1497.0/35

In: -77.136 $\pm$ 1.208 χ^2/NDF : 818.7/17

Out: -75.648 $\pm$ 1.142 χ^2/NDF : 725.8/20

All: -76.351 $\pm$ 0.830 χ^2/NDF : 1545.4/38

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: 147.826+/-0.149 χ^2/NDF : 2328.5/1

Right Out: 87.315+/-0.068 χ^2/NDF : 221837.7/18

Left In: 141.220+/-0.191 χ^2/NDF : 0.0/0

Left: 145.332+/-0.117 χ^2/NDF : 3071.7/2

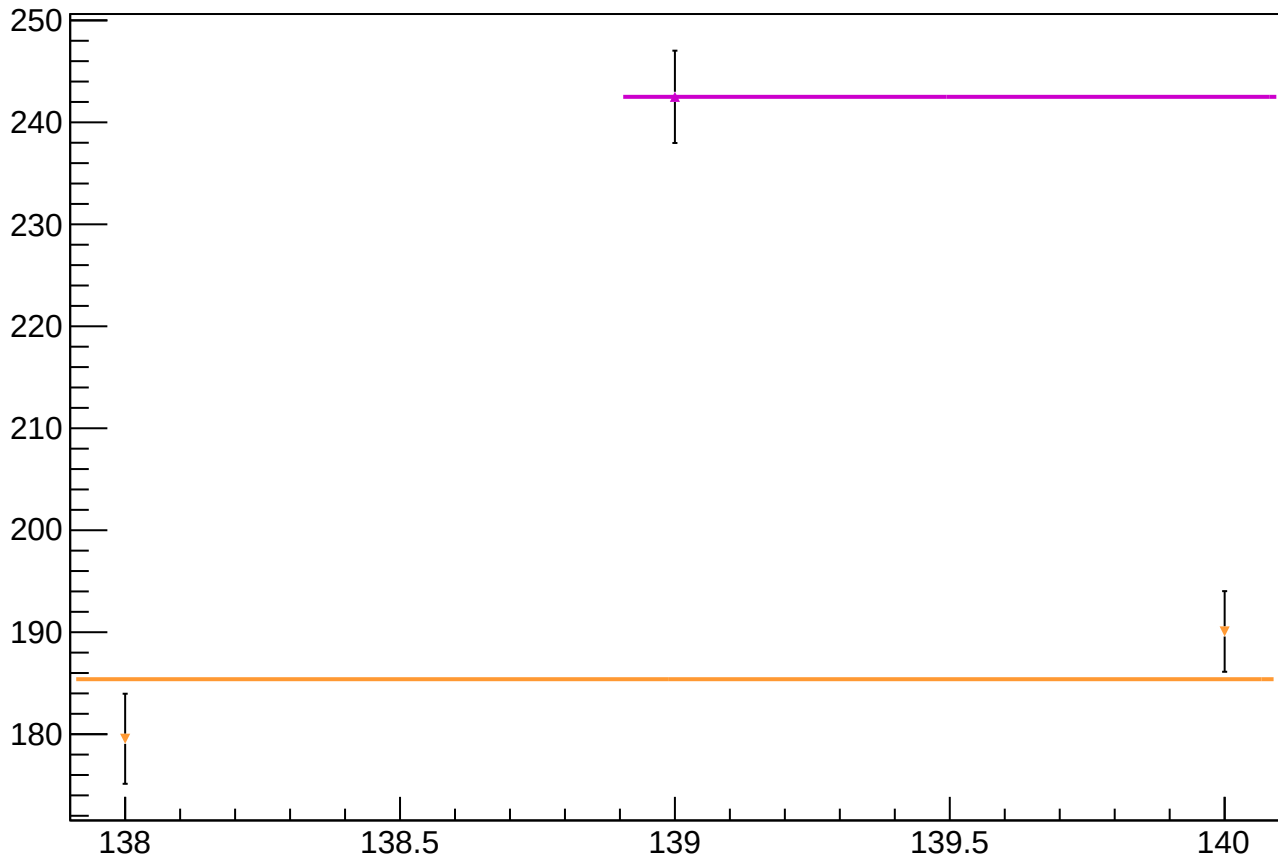
Right: 92.024+/-0.050 χ^2/NDF : 326563.7/35

In: 103.058+/-0.068 χ^2/NDF : 140188.3/17

Out: 97.818+/-0.062 χ^2/NDF : 360645.7/20

All: 100.182+/-0.046 χ^2/NDF : 504052.9/38

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: 185.393+/-2.946 χ^2/NDF : 3.2/1

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

Left In: 242.503+/-4.526 χ^2/NDF : 0.0/0

Left: 202.384+/-2.469 χ^2/NDF : 115.0/2

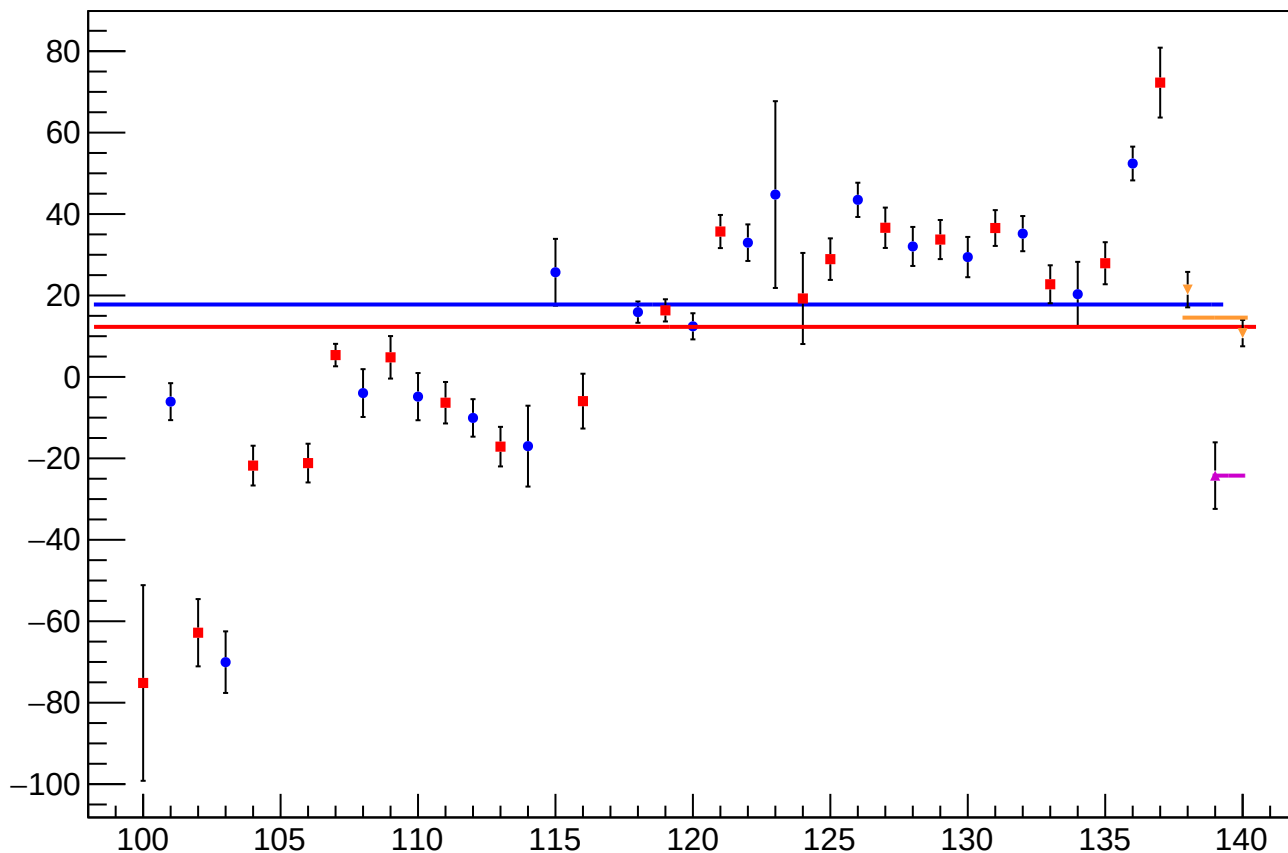
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 242.503+/-4.526 χ^2/NDF : 0.0/0

Out: 185.393+/-2.946 χ^2/NDF : 3.2/1

All: 202.384+/-2.469 χ^2/NDF : 115.0/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786+/-1.146 χ^2/NDF : 395.1/16

Left Out: 14.563+/-2.598 χ^2/NDF : 3.9/1

Right Out: 12.294+/-1.086 χ^2/NDF : 443.7/18

Left In: -24.236+/-8.174 χ^2/NDF : 0.0/0

Left: 11.002+/-2.476 χ^2/NDF : 24.3/2

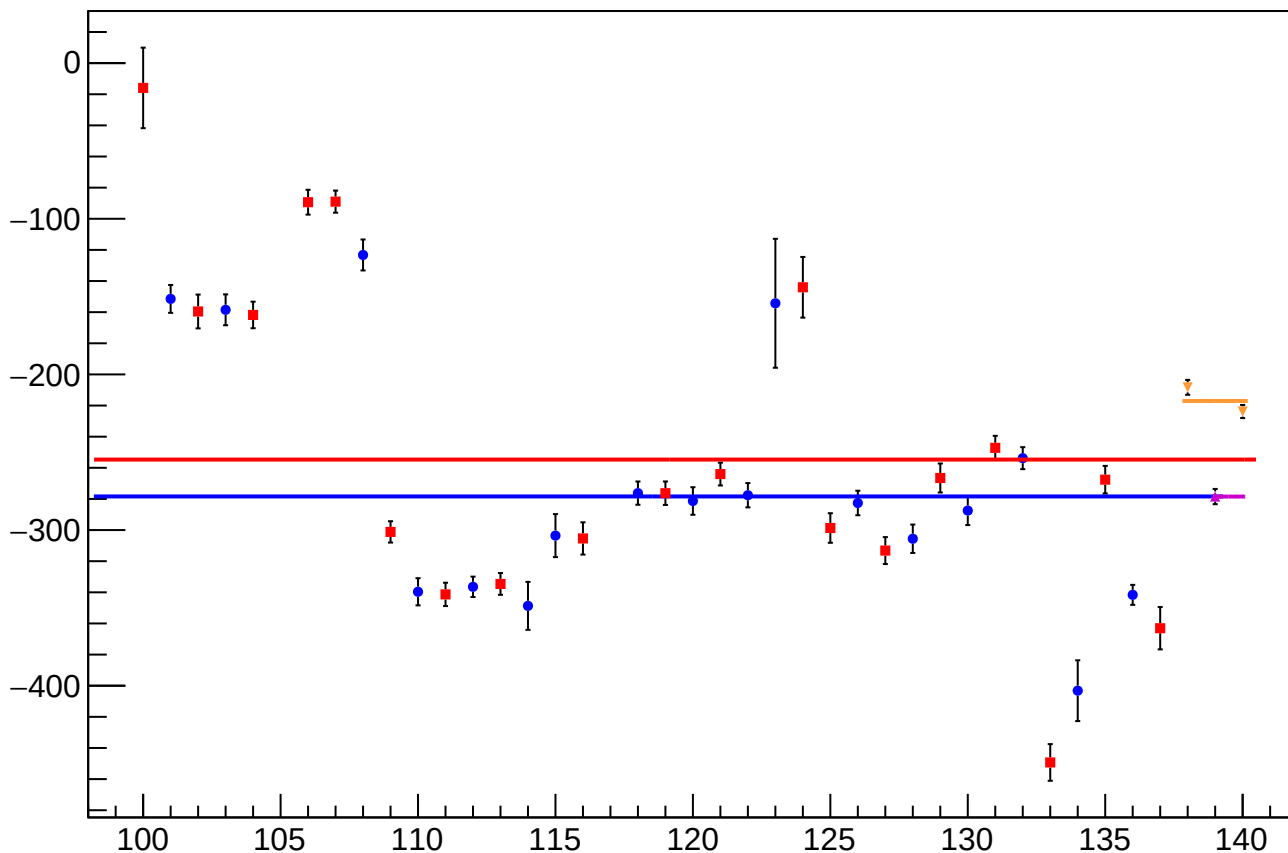
Right: 14.891+/-0.788 χ^2/NDF : 850.9/35

In: 16.976+/-1.135 χ^2/NDF : 421.0/17

Out: 12.631+/-1.002 χ^2/NDF : 448.2/20

All: 14.533+/-0.751 χ^2/NDF : 877.5/38

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: -217.067+/-3.161 χ^2/NDF : 5.9/1

Right Out: -254.703+/-2.020 χ^2/NDF : 2038.5/18

Left In: -278.471+/-4.899 χ^2/NDF : 0.0/0

Left: -235.118+/-2.656 χ^2/NDF : 116.8/2

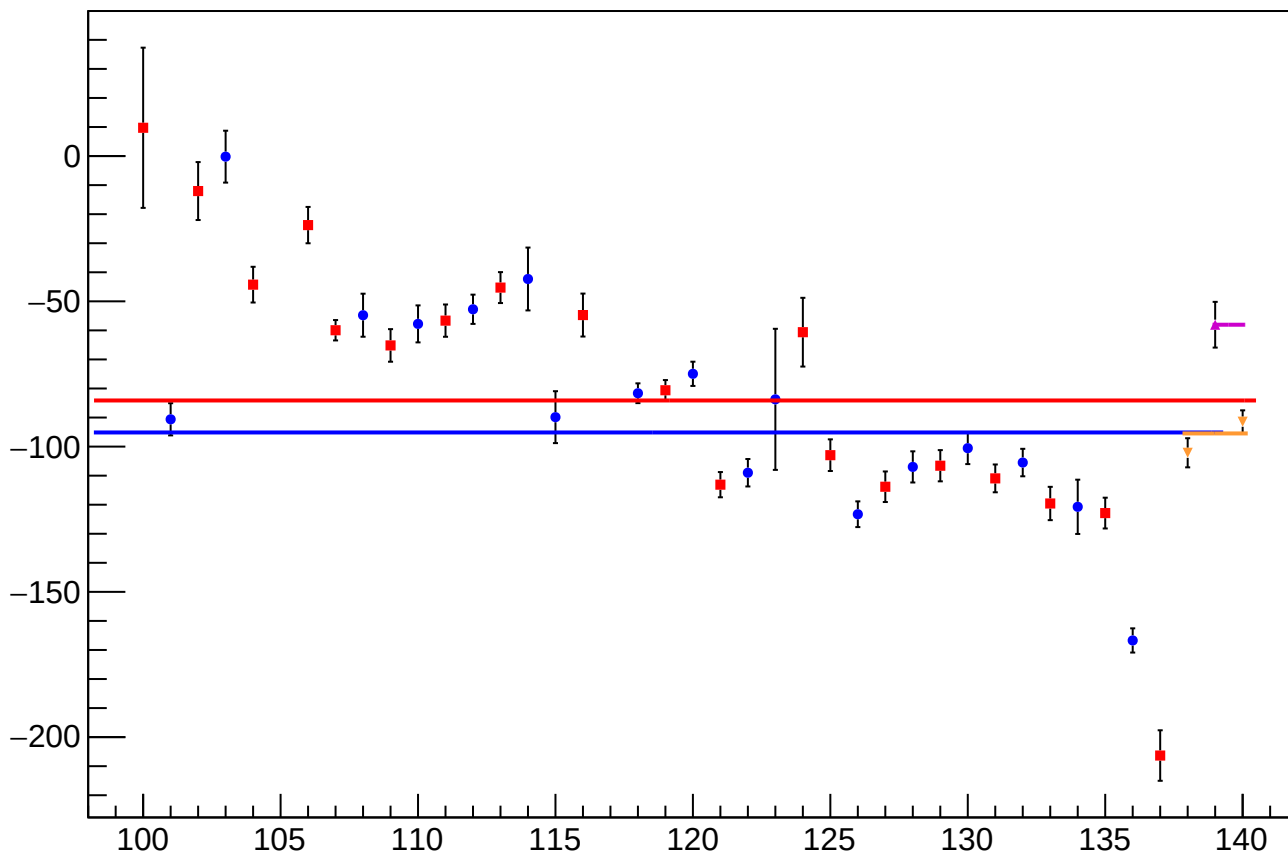
Right: -265.715+/-1.478 χ^2/NDF : 3013.0/35

In: -278.406+/-1.982 χ^2/NDF : 910.5/17

Out: -243.791+/-1.702 χ^2/NDF : 2145.1/20

All: -258.483+/-1.291 χ^2/NDF : 3231.1/38

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135 ± 1.322 $\chi^2/\text{NDF}: 674.9/16$

Left Out: -95.472 ± 3.082 $\chi^2/\text{NDF}: 2.8/1$

Right Out: -84.124 ± 1.259 $\chi^2/\text{NDF}: 782.9/18$

Left In: -58.051 ± 7.870 $\chi^2/\text{NDF}: 0.0/0$

Left: -90.497 ± 2.869 $\chi^2/\text{NDF}: 22.4/2$

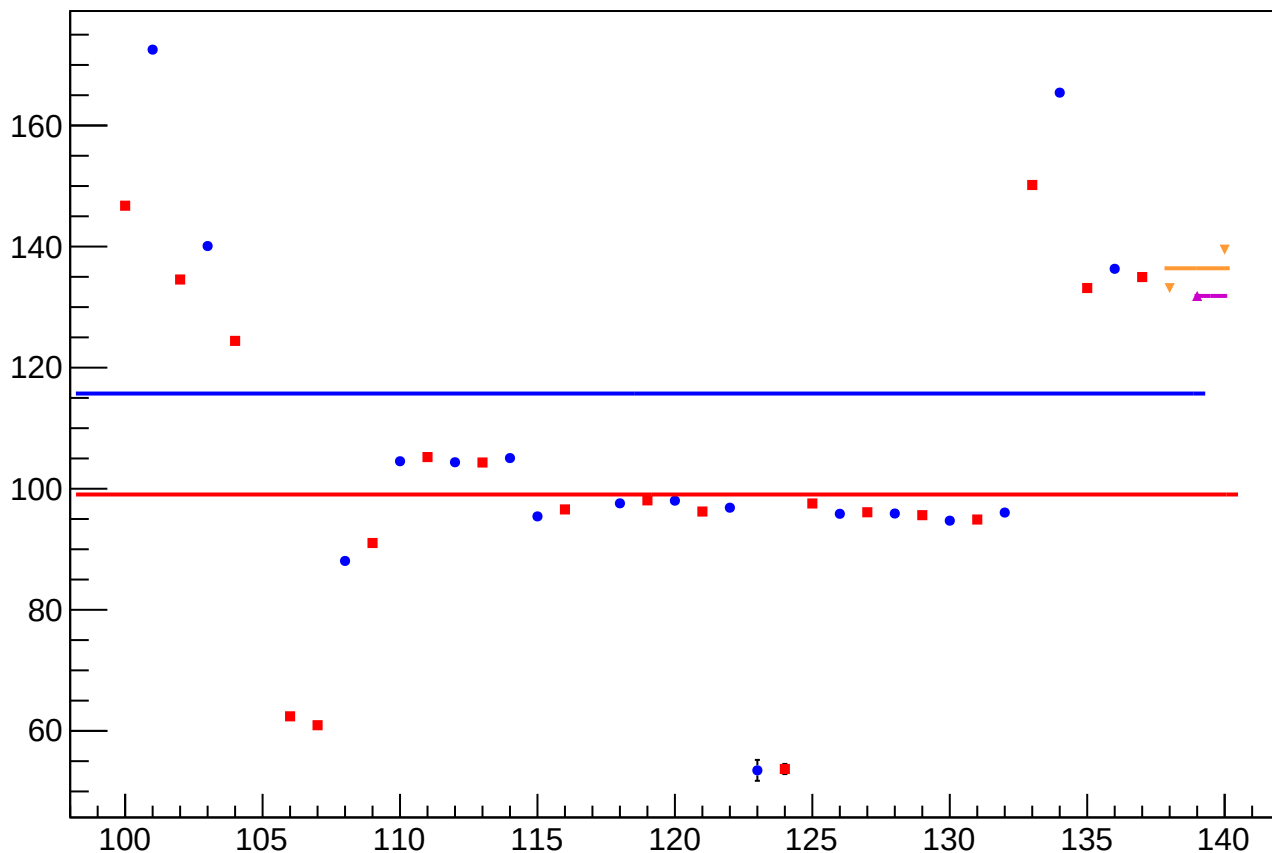
Right: -89.357 ± 0.912 $\chi^2/\text{NDF}: 1494.2/35$

In: -94.116 ± 1.304 $\chi^2/\text{NDF}: 696.5/17$

Out: -85.746 ± 1.165 $\chi^2/\text{NDF}: 797.3/20$

All: -89.462 ± 0.869 $\chi^2/\text{NDF}: 1516.7/38$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 136.414 $\pm$ 0.132 χ^2 /NDF: 576.6/1

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

Left In: 131.848 $\pm$ 0.173 χ^2 /NDF: 0.0/0

Left: 134.729 $\pm$ 0.105 χ^2 /NDF: 1015.9/2

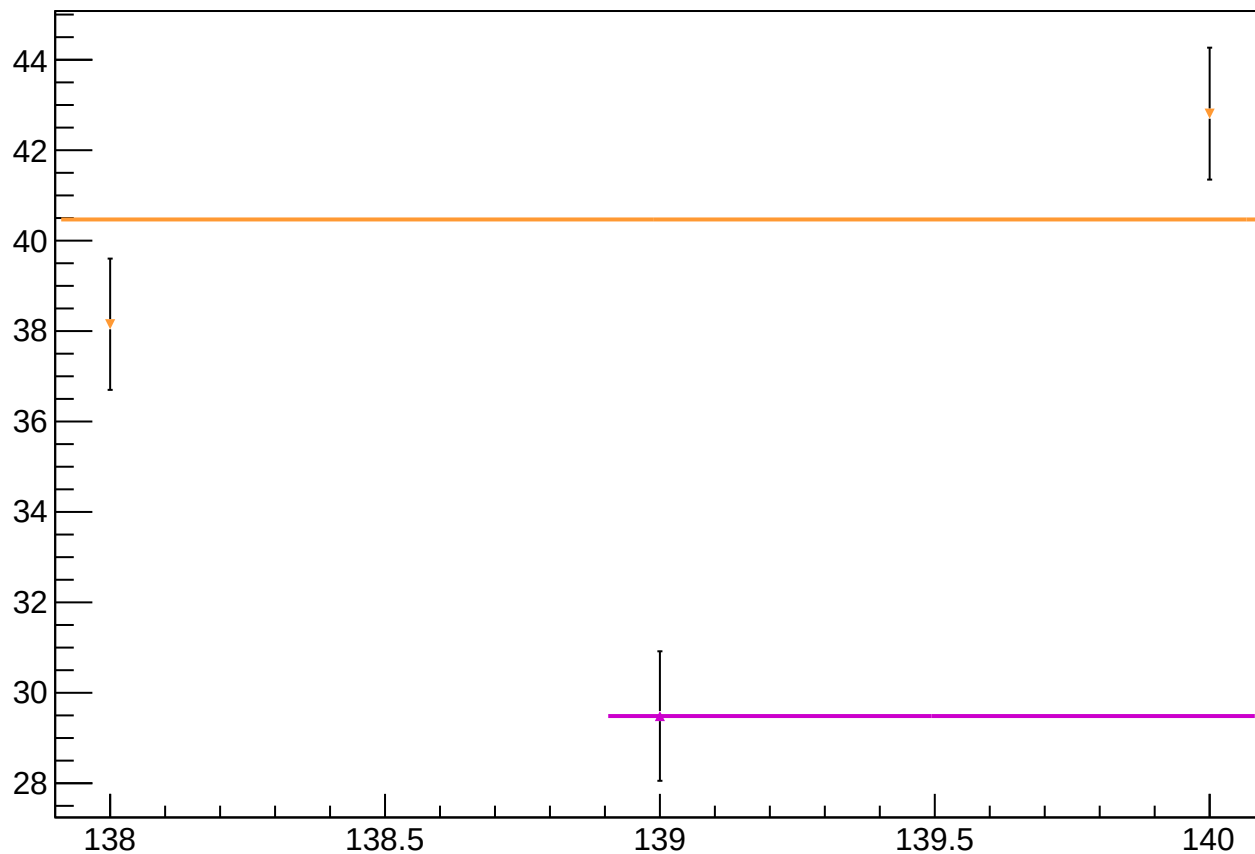
Right: 106.312 $\pm$ 0.051 χ^2 /NDF: 305658.4/35

In: 118.446 $\pm$ 0.071 χ^2 /NDF: 113605.8/17

Out: 106.949 $\pm$ 0.061 χ^2 /NDF: 236938.0/20

All: 111.808 $\pm$ 0.046 χ^2 /NDF: 365641.0/38

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: 40.468+/-1.029 χ^2/NDF : 5.1/1

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

Left In: 29.486+/-1.432 χ^2/NDF : 0.0/0

Left: 36.729+/-0.836 χ^2/NDF : 43.9/2

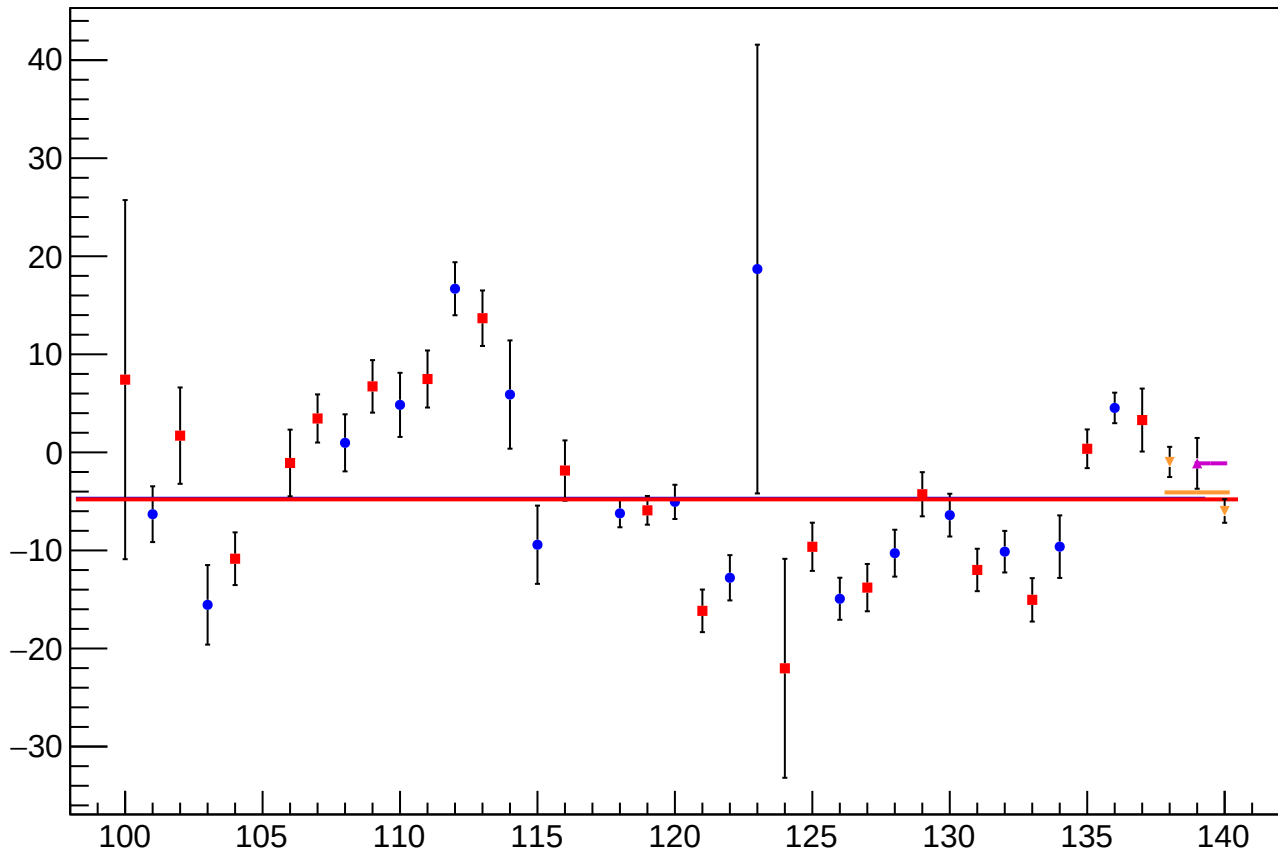
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.486+/-1.432 χ^2/NDF : 0.0/0

Out: 40.468+/-1.029 χ^2/NDF : 5.1/1

All: 36.729+/-0.836 χ^2/NDF : 43.9/2

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: -4.082 ± 0.949 χ^2/NDF : 6.5/1

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

Left In: -1.119 ± 2.590 χ^2/NDF : 0.0/0

Left: -3.731 ± 0.891 χ^2/NDF : 7.7/2

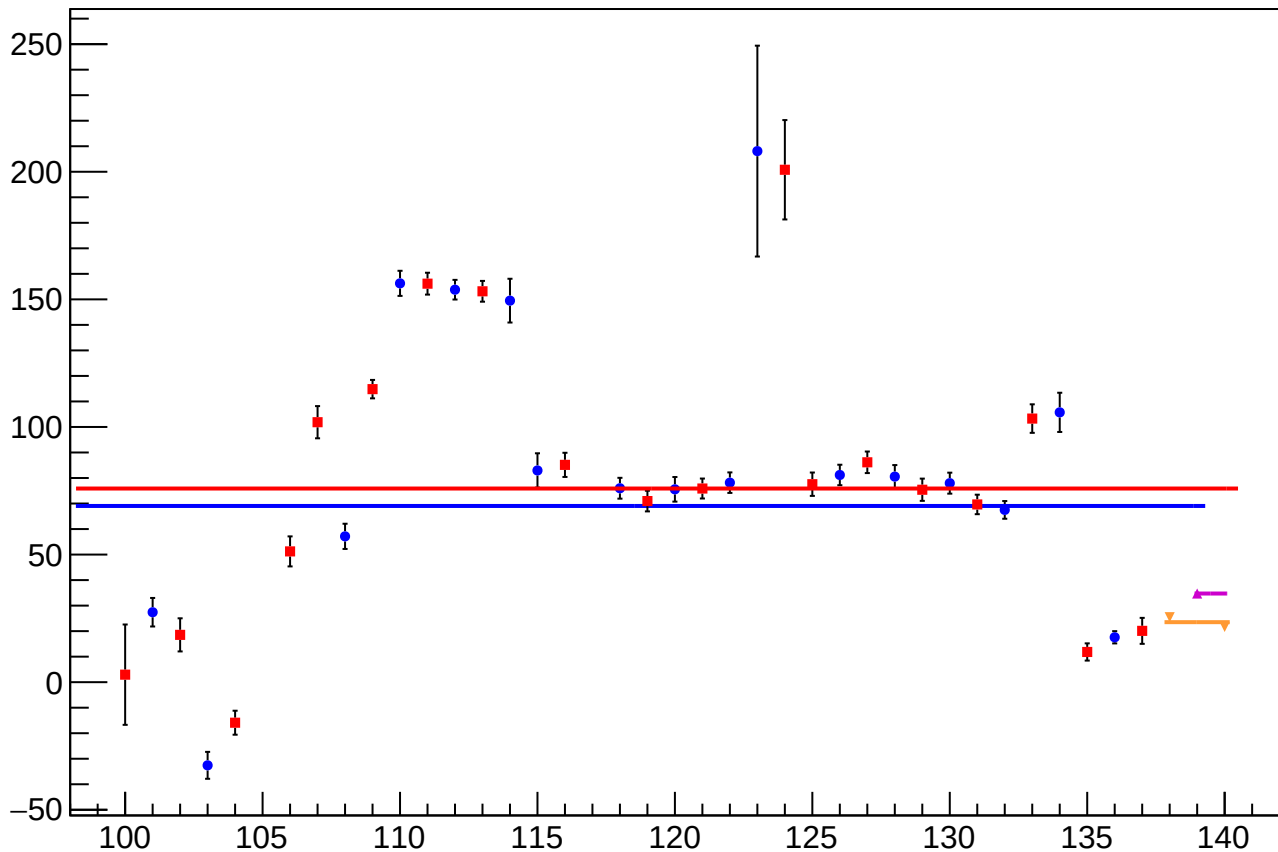
Right: -4.761 ± 0.412 χ^2/NDF : 368.3/35

In: -4.558 ± 0.566 χ^2/NDF : 176.7/17

Out: -4.597 ± 0.498 χ^2/NDF : 200.4/20

All: -4.580 ± 0.374 χ^2/NDF : 377.1/38

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: 23.516 $\pm$ 1.106 χ^2 /NDF:3.0/1

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

Left In: 34.736 $\pm$ 1.550 χ^2 /NDF:0.0/0

Left: 27.303 $\pm$ 0.900 χ^2 /NDF: 37.7/2

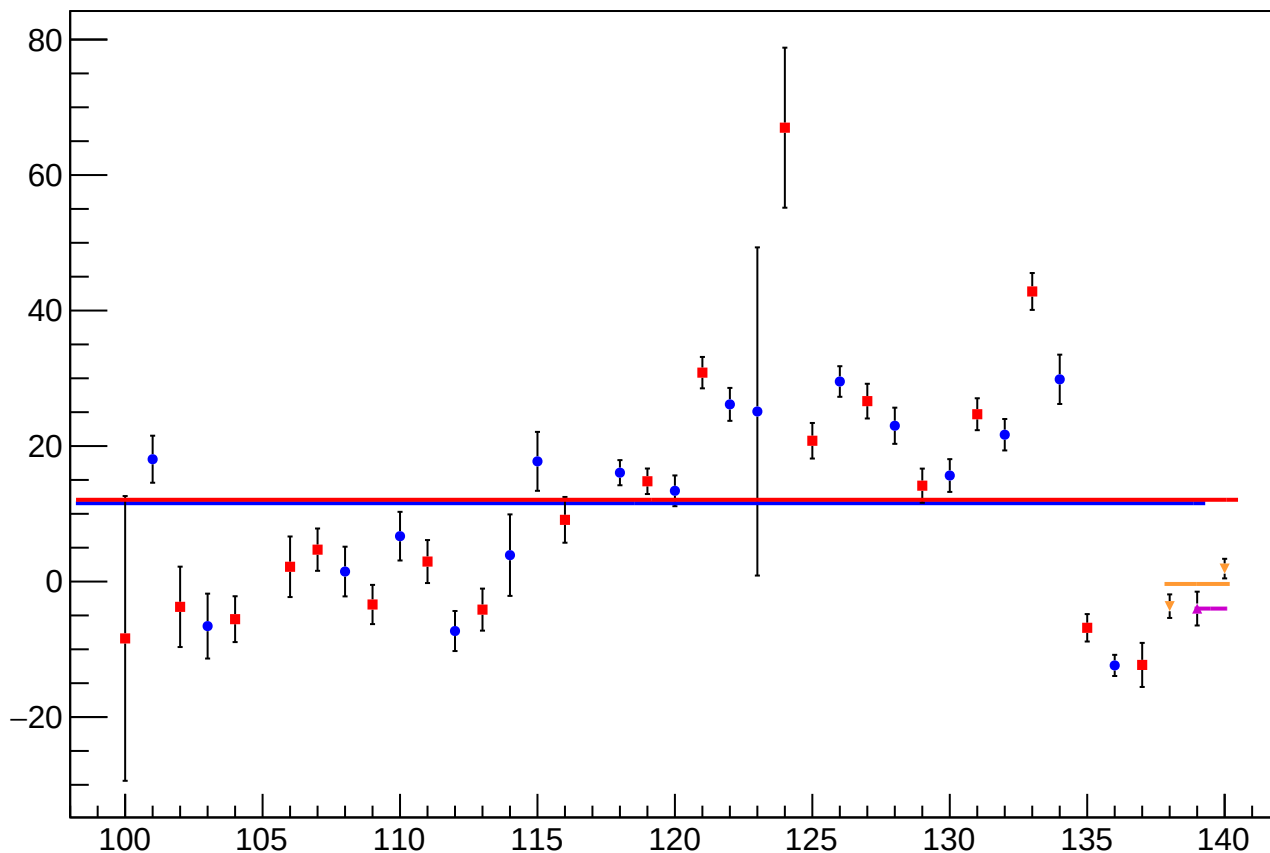
Right: 72.486 $\pm$ 0.759 χ^2 /NDF: 3763.1/35

In: 57.878 $\pm$ 0.884 χ^2 /NDF:2178.5/17

Out: 50.576 $\pm$ 0.769 χ^2 /NDF:3056.3/20

All: 53.720 $\pm$ 0.580 χ^2 /NDF: 5273.6/38

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -0.353 $\pm$ 1.111 χ^2 /NDF:6.0/1

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

Left In: -3.988 $\pm$ 2.495 χ^2 /NDF:0.0/0

Left: -0.955 $\pm$ 1.015 χ^2 /NDF: 7.8/2

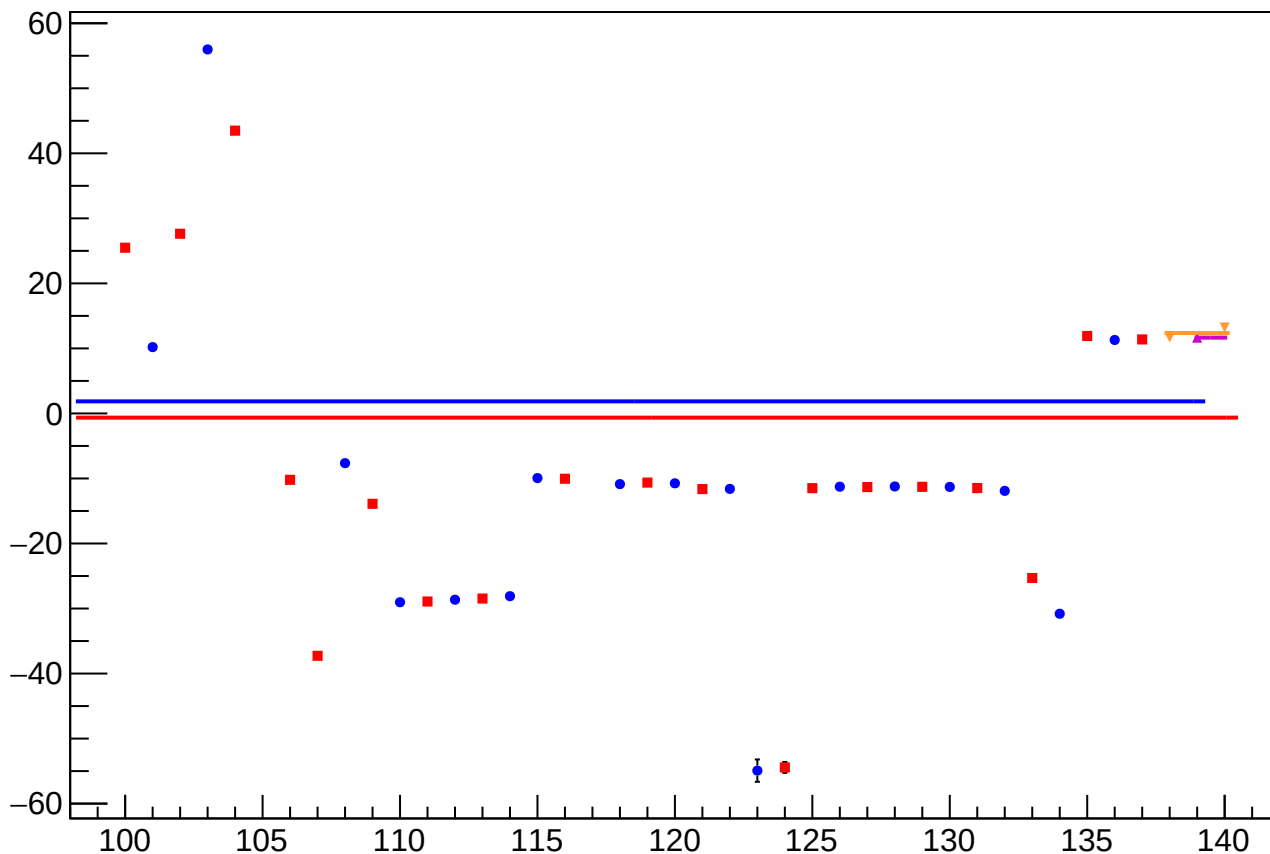
Right: 11.816 $\pm$ 0.468 χ^2 /NDF: 1021.8/35

In: 10.553 $\pm$ 0.636 χ^2 /NDF:514.6/17

Out: 8.799 $\pm$ 0.570 χ^2 /NDF:641.4/20

All: 9.580 $\pm$ 0.425 χ^2 /NDF: 1160.2/38

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855 ± 0.037 $\chi^2/\text{NDF}: 359414.1/16$

Left Out: 12.369 ± 0.045 $\chi^2/\text{NDF}: 285.1/1$

Right Out: -0.644 ± 0.037 $\chi^2/\text{NDF}: 361625.7/18$

Left In: 11.656 ± 0.055 $\chi^2/\text{NDF}: 0.0/0$

Left: 12.079 ± 0.035 $\chi^2/\text{NDF}: 385.8/2$

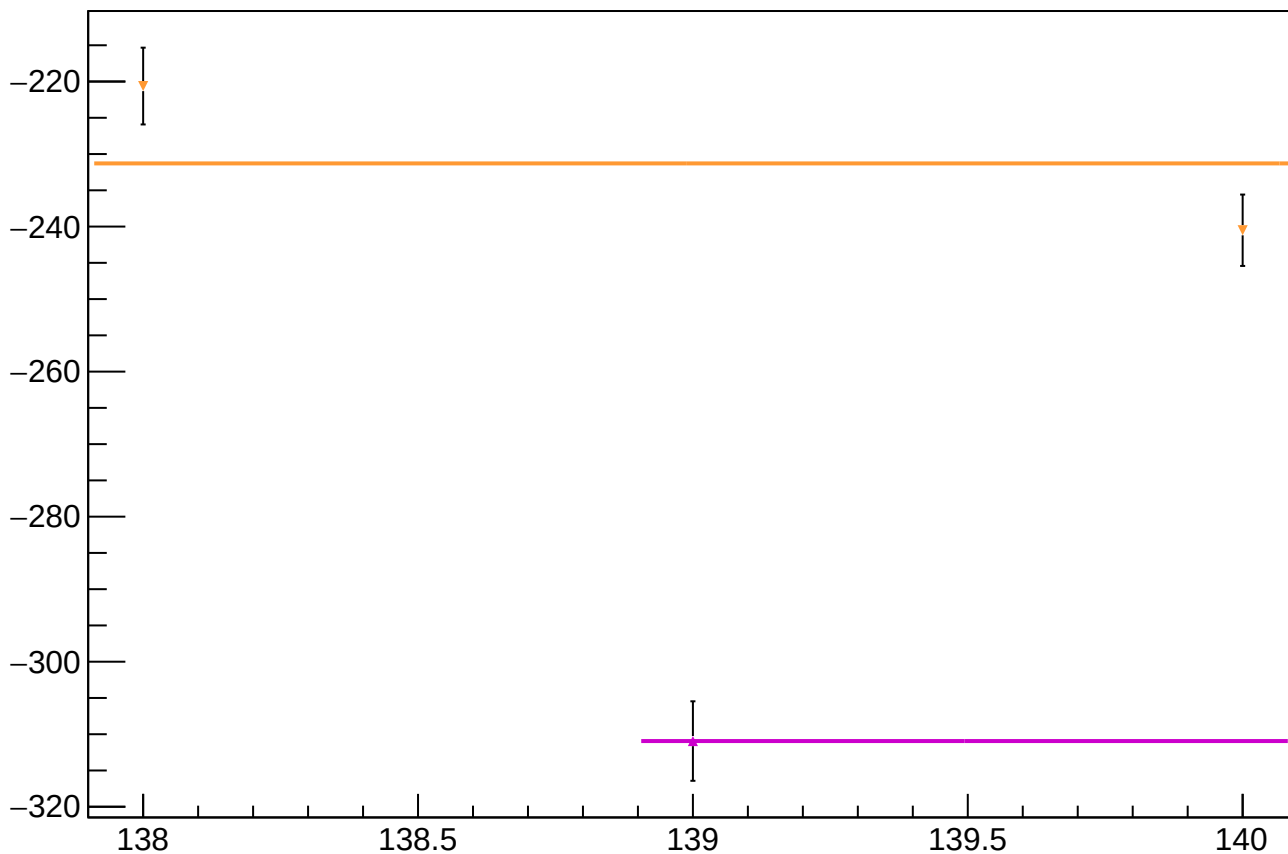
Right: 0.608 ± 0.026 $\chi^2/\text{NDF}: 723318.4/35$

In: 4.928 ± 0.031 $\chi^2/\text{NDF}: 381411.3/17$

Out: 4.562 ± 0.029 $\chi^2/\text{NDF}: 411260.2/20$

All: 4.733 ± 0.021 $\chi^2/\text{NDF}: 792747.4/38$

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: -231.291+/-3.604 χ^2/NDF : 7.6/1

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

Left In: -310.941+/-5.481 χ^2/NDF : 0.0/0

Left: -255.339+/-3.011 χ^2/NDF : 155.0/2

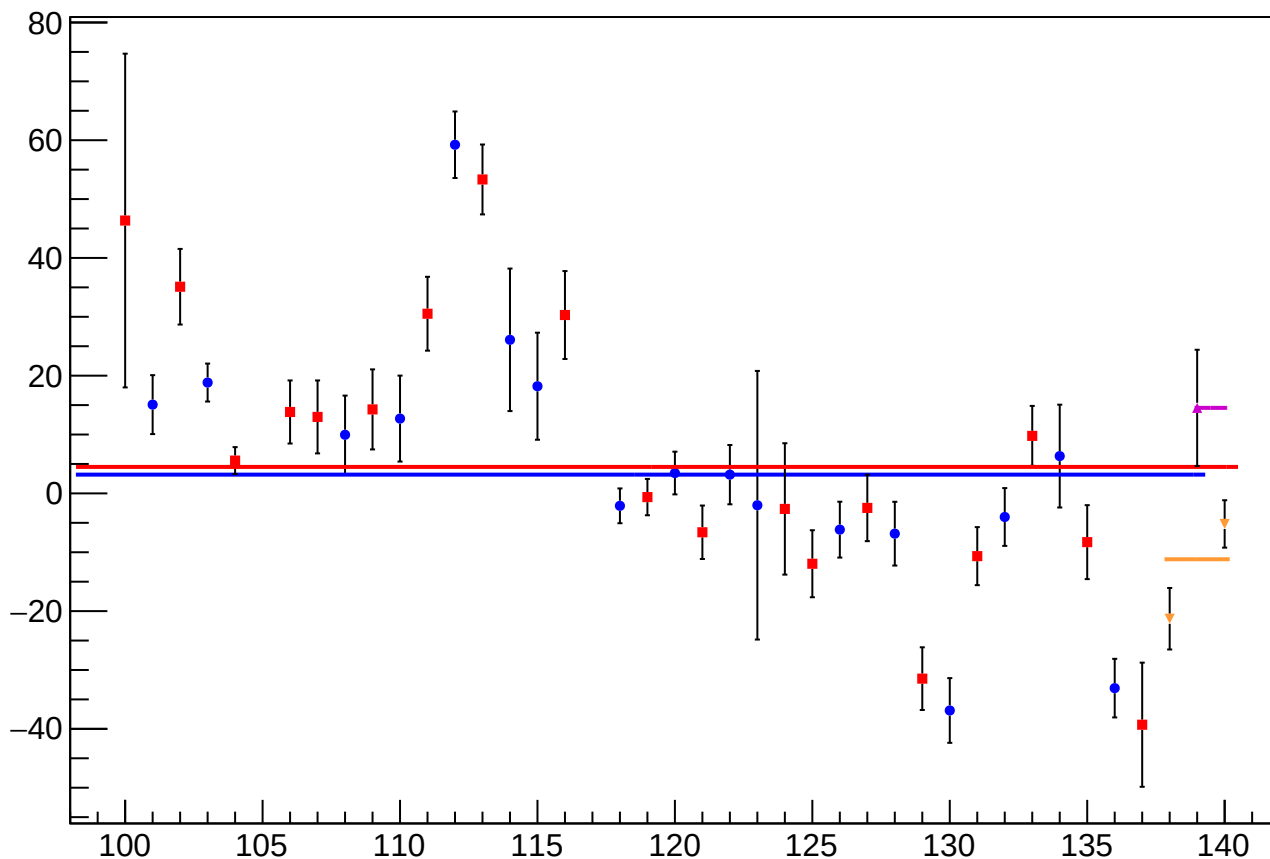
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -310.941+/-5.481 χ^2/NDF : 0.0/0

Out: -231.291+/-3.604 χ^2/NDF : 7.6/1

All: -255.339+/-3.011 χ^2/NDF : 155.0/2

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: -11.190 ± 3.189 χ^2/NDF : 6.0/1

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

Left In: 14.531 ± 9.870 χ^2/NDF : 0.0/0

Left: -8.758 ± 3.035 χ^2/NDF : 12.1/2

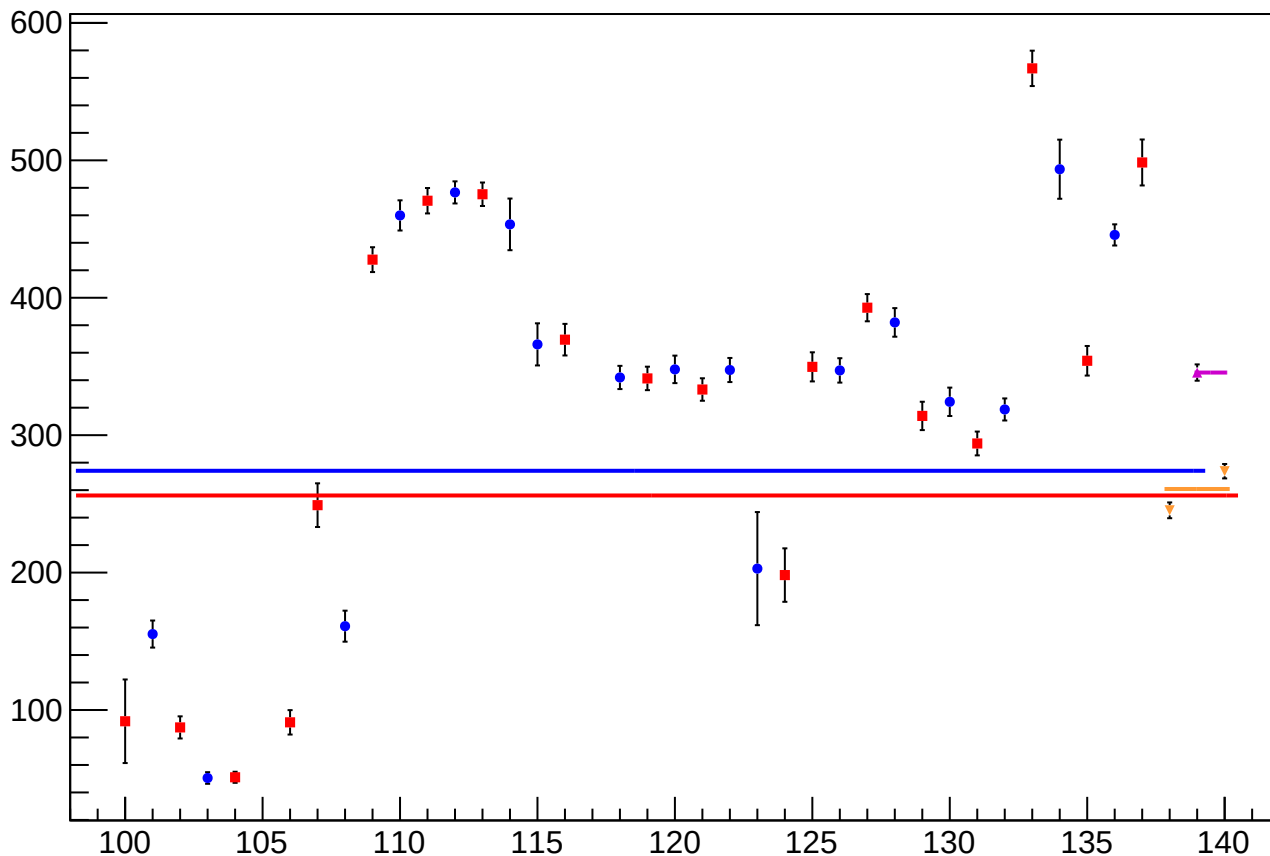
Right: 3.879 ± 0.842 χ^2/NDF : 481.7/35

In: 3.360 ± 1.216 χ^2/NDF : 256.9/17

Out: 2.666 ± 1.090 χ^2/NDF : 252.8/20

All: 2.975 ± 0.812 χ^2/NDF : 509.9/38

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: 260.834+/-3.869 χ^2/NDF :13.4/1

Right Out: 256.109+/-2.080 χ^2/NDF : 6444.1/18

Left In: 345.568+/-5.935 χ^2/NDF :0.0/0

Left: 286.107+/-3.241 χ^2/NDF : 156.5/2

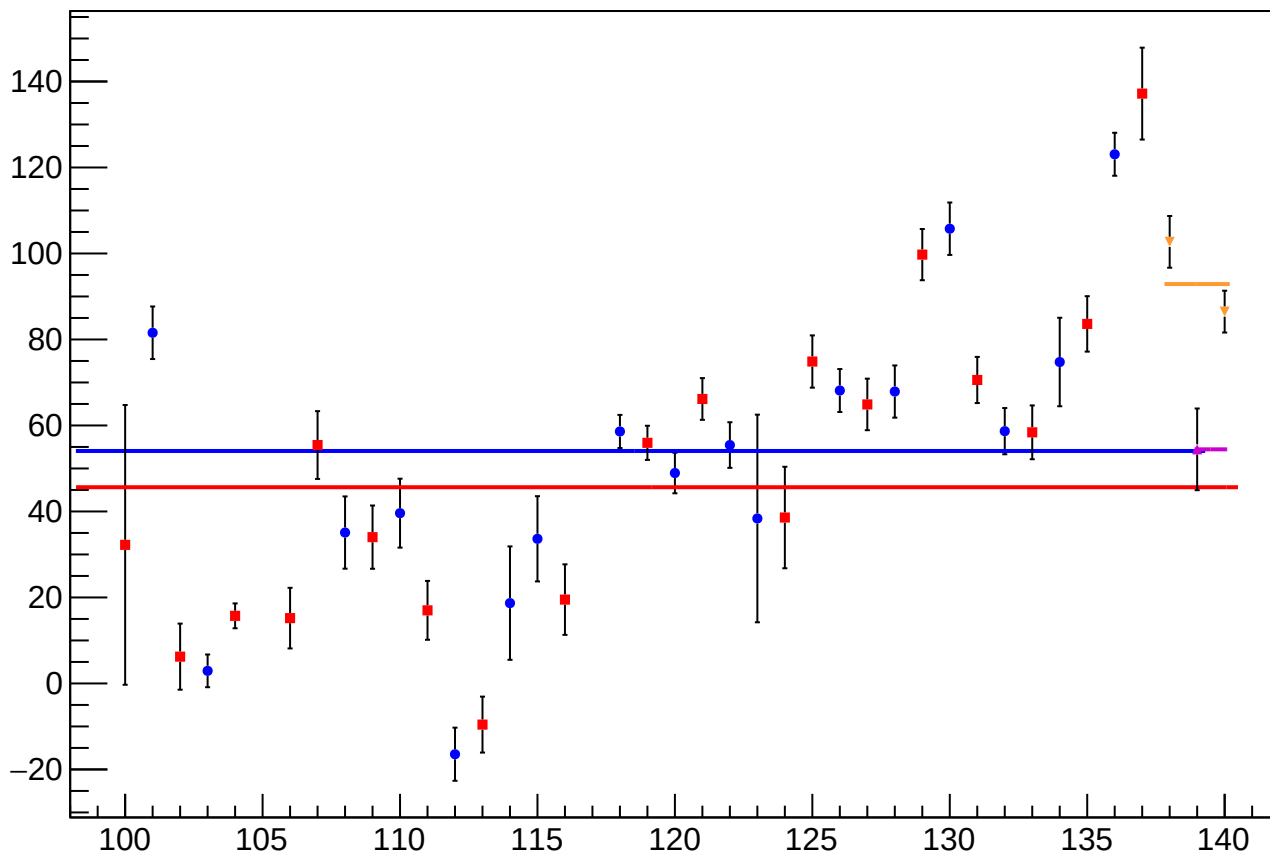
Right: 264.628+/-1.509 χ^2/NDF : 11591.4/35

In: 282.653+/-2.055 χ^2/NDF :5239.7/17

Out: 257.168+/-1.832 χ^2/NDF :6458.6/20

All: 268.453+/-1.368 χ^2/NDF : 11784.0/38

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: 92.888 $\pm$ 3.781 χ^2 /NDF:4.4/1

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

Left In: 54.446 $\pm$ 9.501 χ^2 /NDF:0.0/0

Left: 87.632 $\pm$ 3.513 χ^2 /NDF: 18.5/2

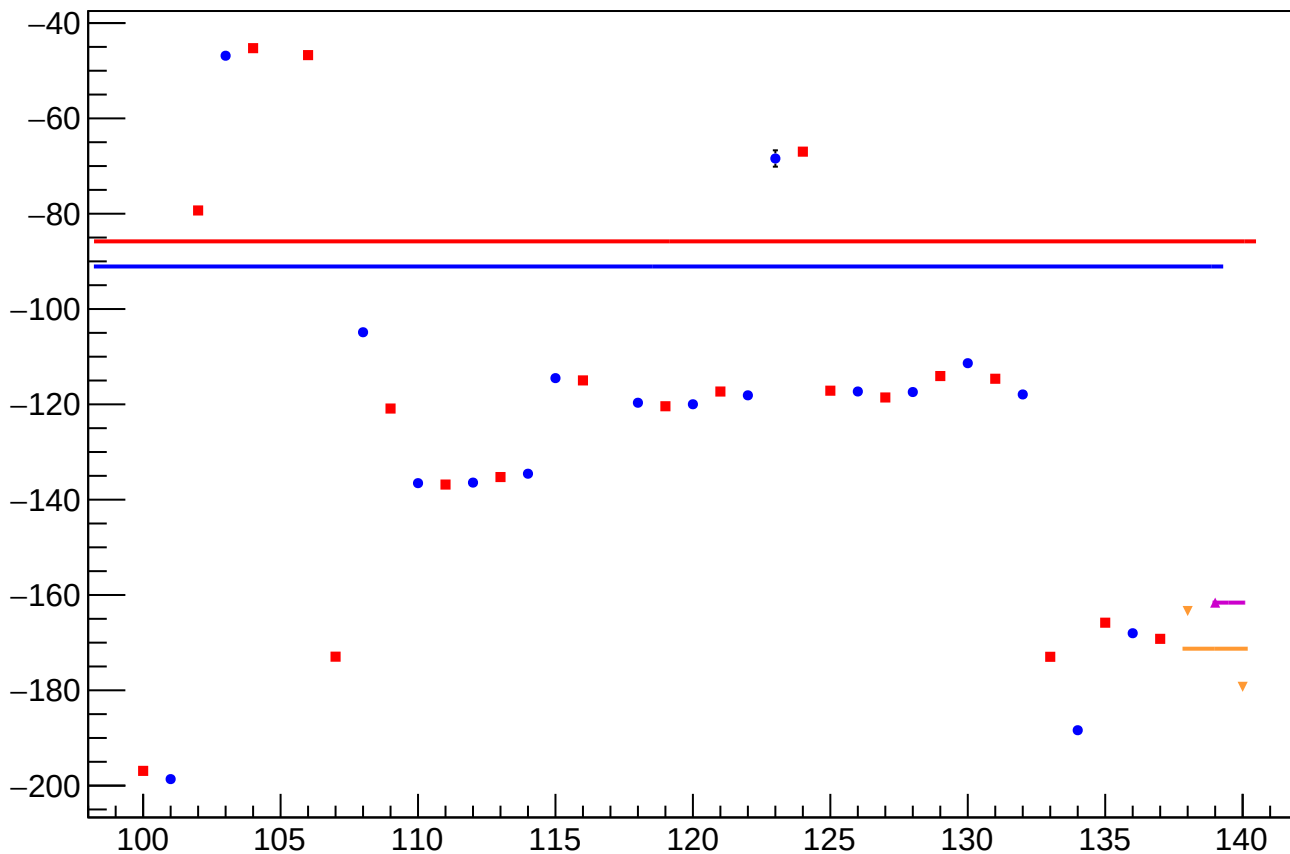
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 54.073 $\pm$ 1.405 χ^2 /NDF:634.4/17

Out: 51.043 $\pm$ 1.279 χ^2 /NDF:673.5/20

All: 52.417 $\pm$ 0.946 χ^2 /NDF: 1310.4/38

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074 ± 0.068 $\chi^2/\text{NDF}: 534647.5/16$

Left Out: -171.270 ± 0.162 $\chi^2/\text{NDF}: 2418.6/1$

Right Out: -85.803 ± 0.065 $\chi^2/\text{NDF}: 495895.1/18$

Left In: -161.601 ± 0.209 $\chi^2/\text{NDF}: 0.0/0$

Left: -167.648 ± 0.128 $\chi^2/\text{NDF}: 3757.9/2$

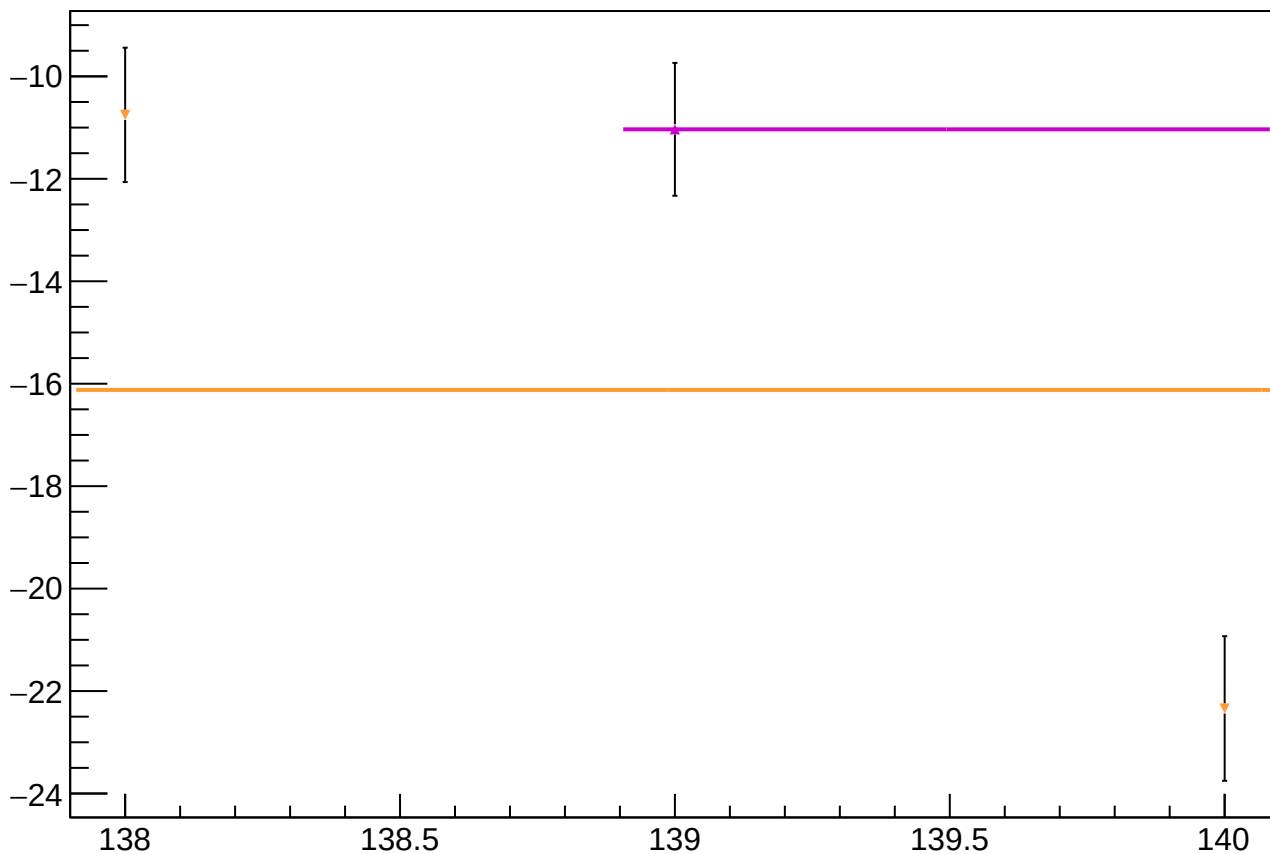
Right: -88.339 ± 0.047 $\chi^2/\text{NDF}: 1033703.0/35$

In: -97.745 ± 0.064 $\chi^2/\text{NDF}: 637824.1/17$

Out: -97.707 ± 0.060 $\chi^2/\text{NDF}: 738808.8/20$

All: -97.725 ± 0.044 $\chi^2/\text{NDF}: 1376633.2/38$

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: -16.121+/-0.961 χ^2/NDF : 36.2/1

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

Left In: -11.034+/-1.297 χ^2/NDF : 0.0/0

Left: -14.318+/-0.772 χ^2/NDF : 46.1/2

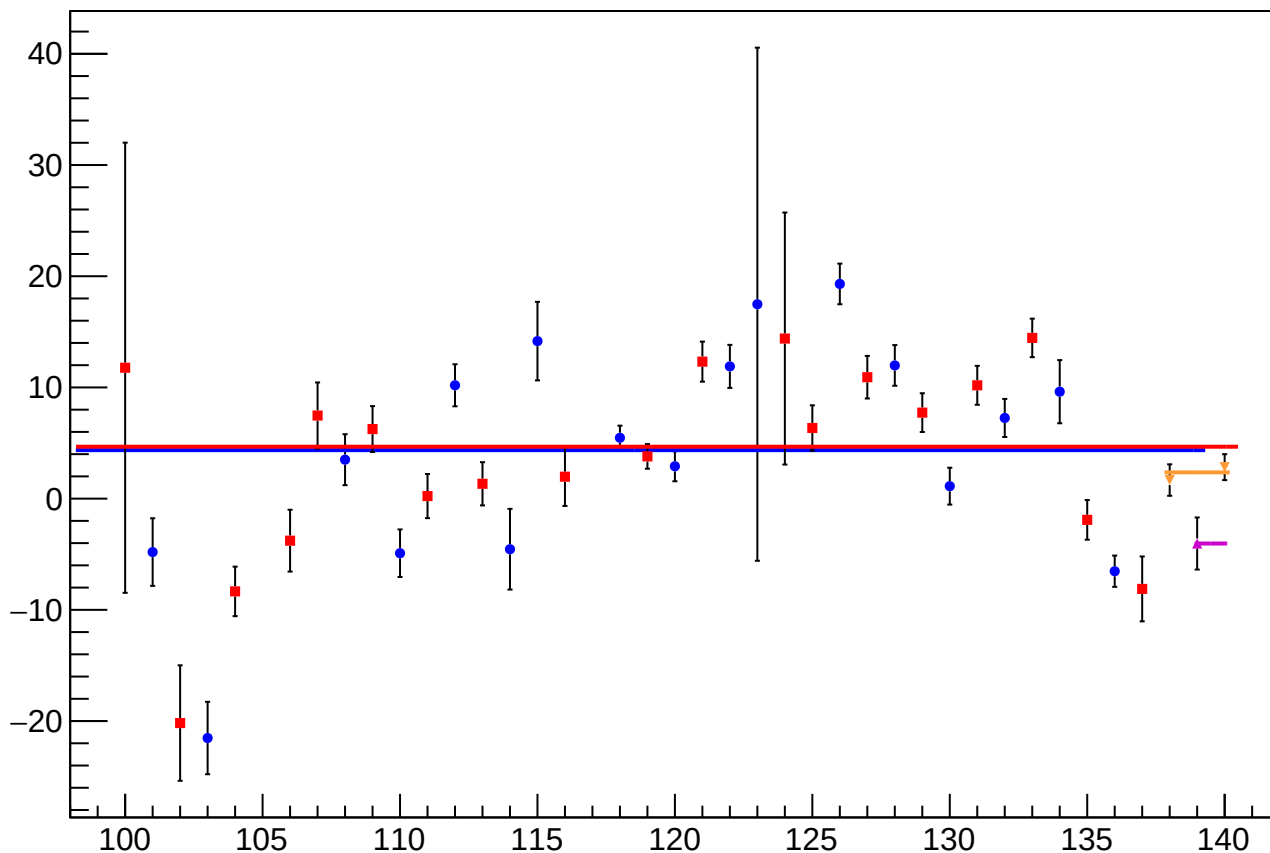
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.034+/-1.297 χ^2/NDF : 0.0/0

Out: -16.121+/-0.961 χ^2/NDF : 36.2/1

All: -14.318+/-0.772 χ^2/NDF : 46.1/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 ± 0.464 χ^2/NDF : 286.5/16

Left Out: 2.361 ± 0.900 χ^2/NDF : 0.4/1

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

Left In: -4.037 ± 2.343 χ^2/NDF : 0.0/0

Left: 1.538 ± 0.840 χ^2/NDF : 6.9/2

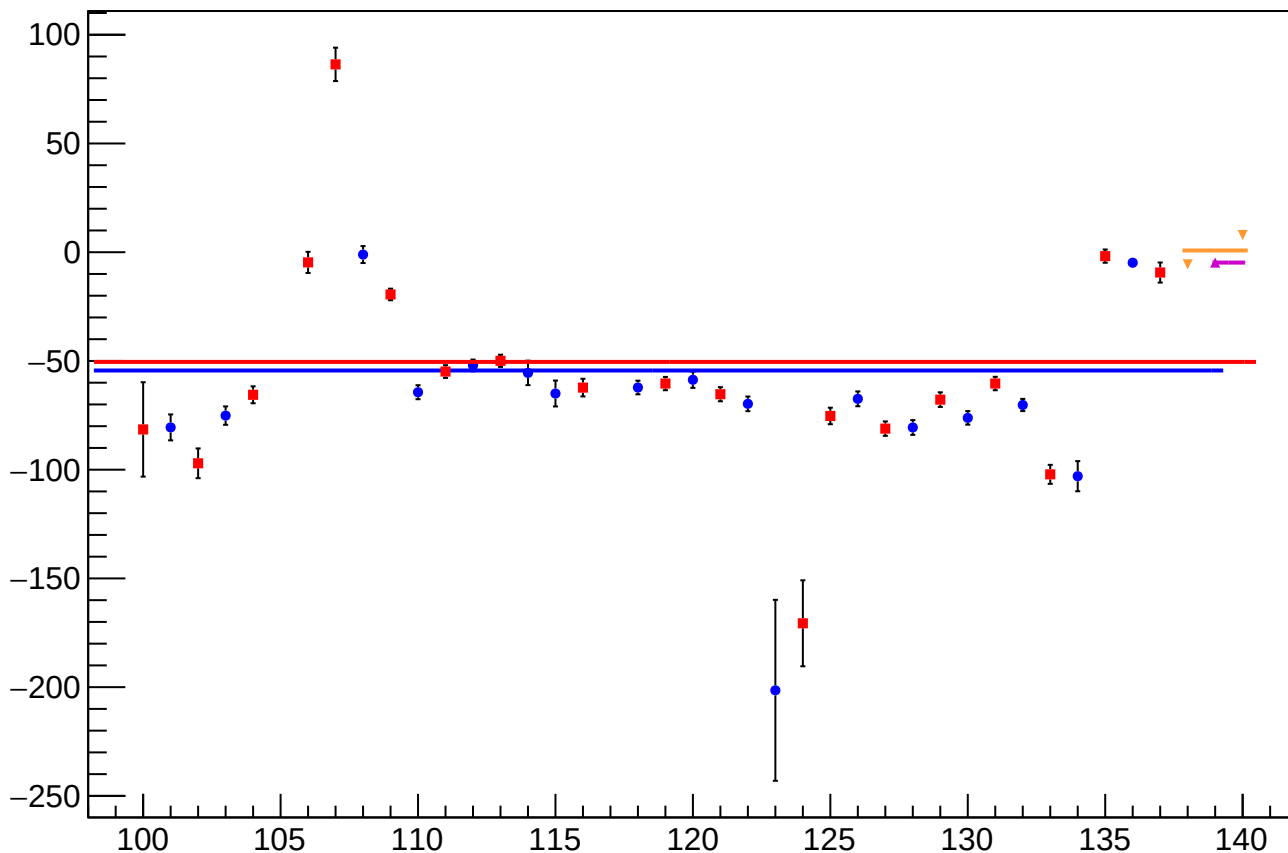
Right: 4.512 ± 0.332 χ^2/NDF : 472.1/35

In: 4.044 ± 0.455 χ^2/NDF : 298.9/17

Out: 4.169 ± 0.420 χ^2/NDF : 190.9/20

All: 4.111 ± 0.309 χ^2/NDF : 489.8/38

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: 0.800 ± 1.034 χ^2/NDF : 42.4/1

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

Left In: -4.767 ± 1.404 χ^2/NDF : 0.0/0

Left: -1.157 ± 0.832 χ^2/NDF : 52.6/2

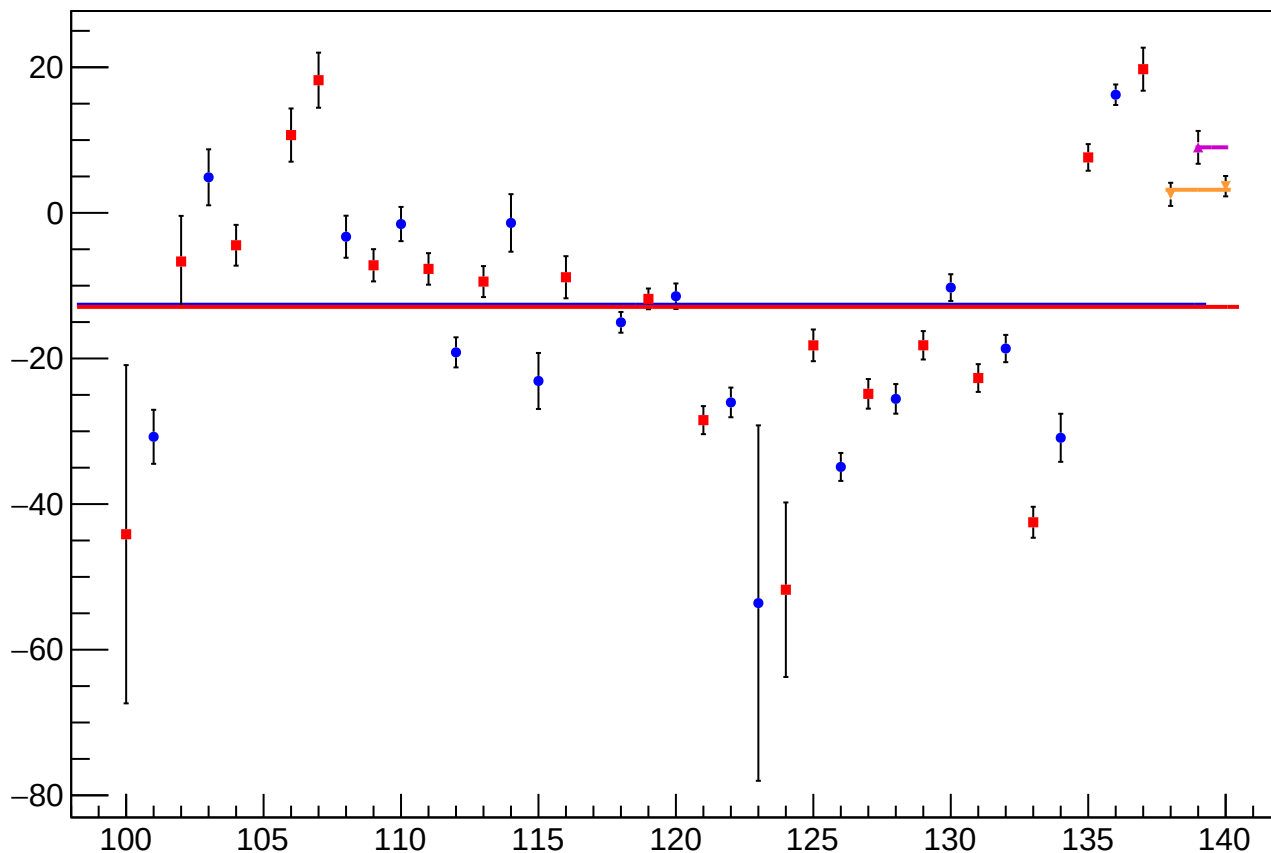
Right: -52.405 ± 0.608 χ^2/NDF : 2348.7/35

In: -40.791 ± 0.735 χ^2/NDF : 1920.7/17

Out: -29.553 ± 0.660 χ^2/NDF : 2823.1/20

All: -34.569 ± 0.491 χ^2/NDF : 4873.3/38

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: 3.176 ± 1.050 χ^2/NDF : 0.3/1

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

Left In: 9.002 ± 2.256 χ^2/NDF : 0.0/0

Left: 4.214 ± 0.952 χ^2/NDF : 5.8/2

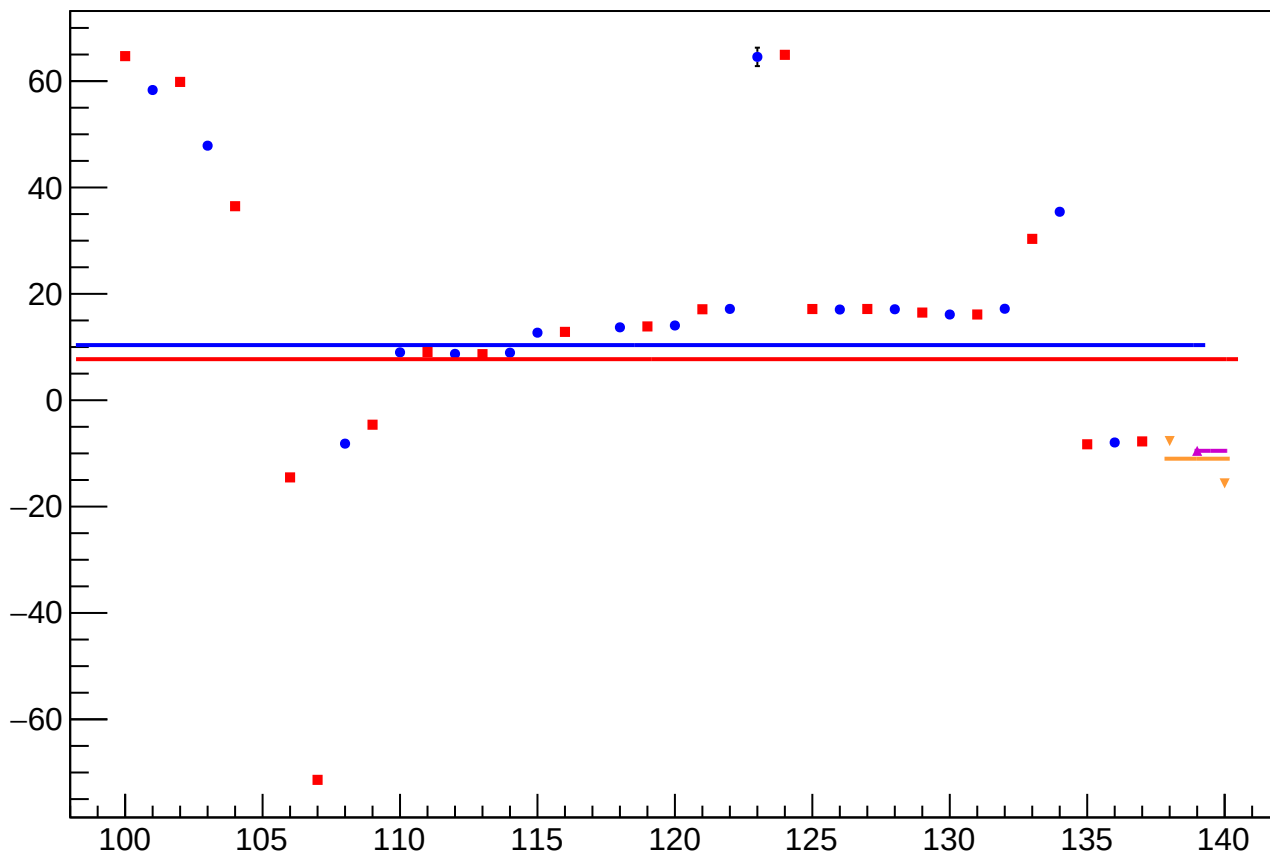
Right: -12.762 ± 0.378 χ^2/NDF : 1518.6/35

In: -11.484 ± 0.516 χ^2/NDF : 875.3/17

Out: -9.567 ± 0.479 χ^2/NDF : 916.3/20

All: -10.454 ± 0.351 χ^2/NDF : 1799.0/38

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366+/-0.031 χ^2/NDF : 381003.5/16

Left Out: -10.995+/-0.042 χ^2/NDF : 8669.3/1

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

Left In: -9.513+/-0.050 χ^2/NDF : 0.0/0

Left: -10.372+/-0.032 χ^2/NDF : 9188.7/2

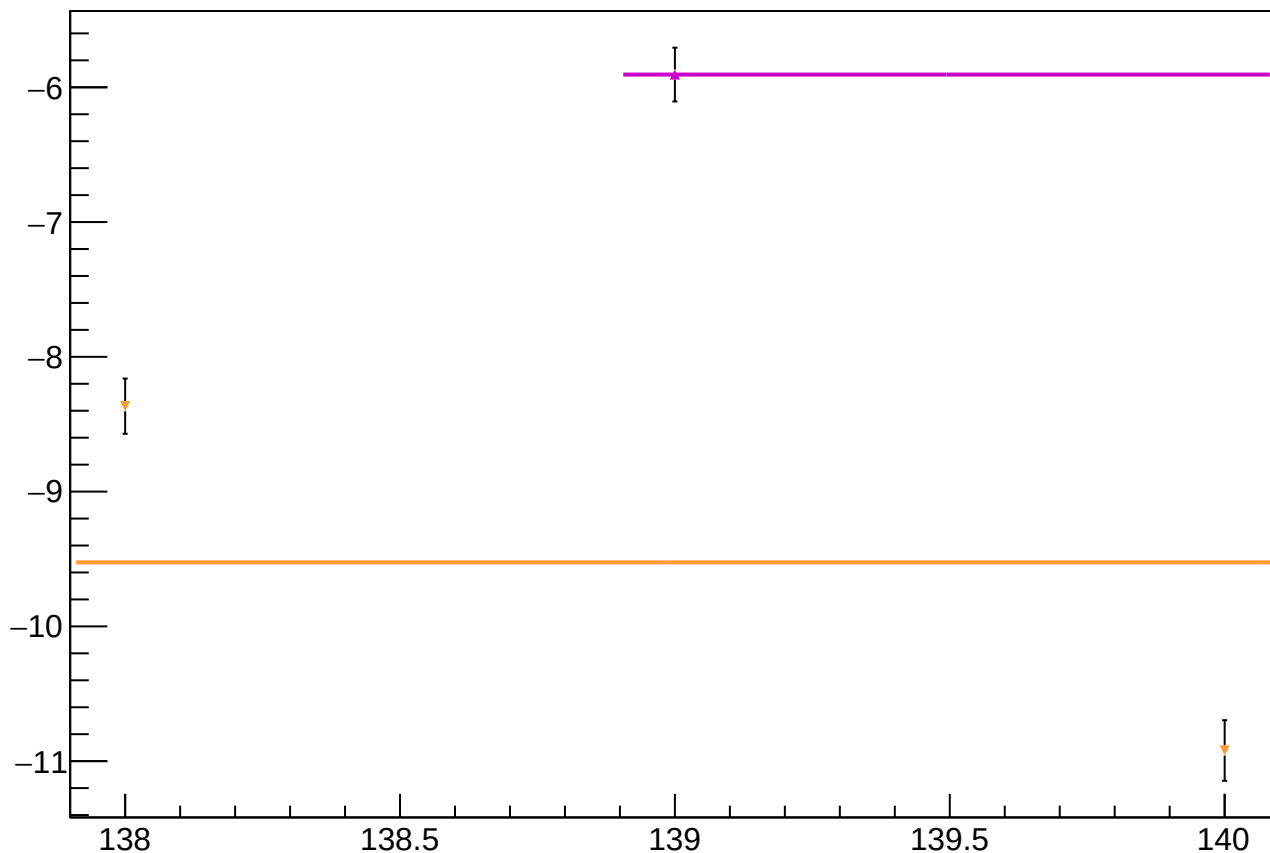
Right: 9.073+/-0.022 χ^2/NDF : 929756.2/35

In: 4.892+/-0.026 χ^2/NDF : 497701.0/17

Out: 1.082+/-0.025 χ^2/NDF : 680911.7/20

All: 2.921+/-0.018 χ^2/NDF : 1189725.5/38

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -9.525 $\pm$ 0.151 χ^2 /NDF: 70.6/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -5.906 $\pm$ 0.200 χ^2 /NDF: 0.0/0

Left: -8.203 $\pm$ 0.121 χ^2 /NDF: 279.3/2

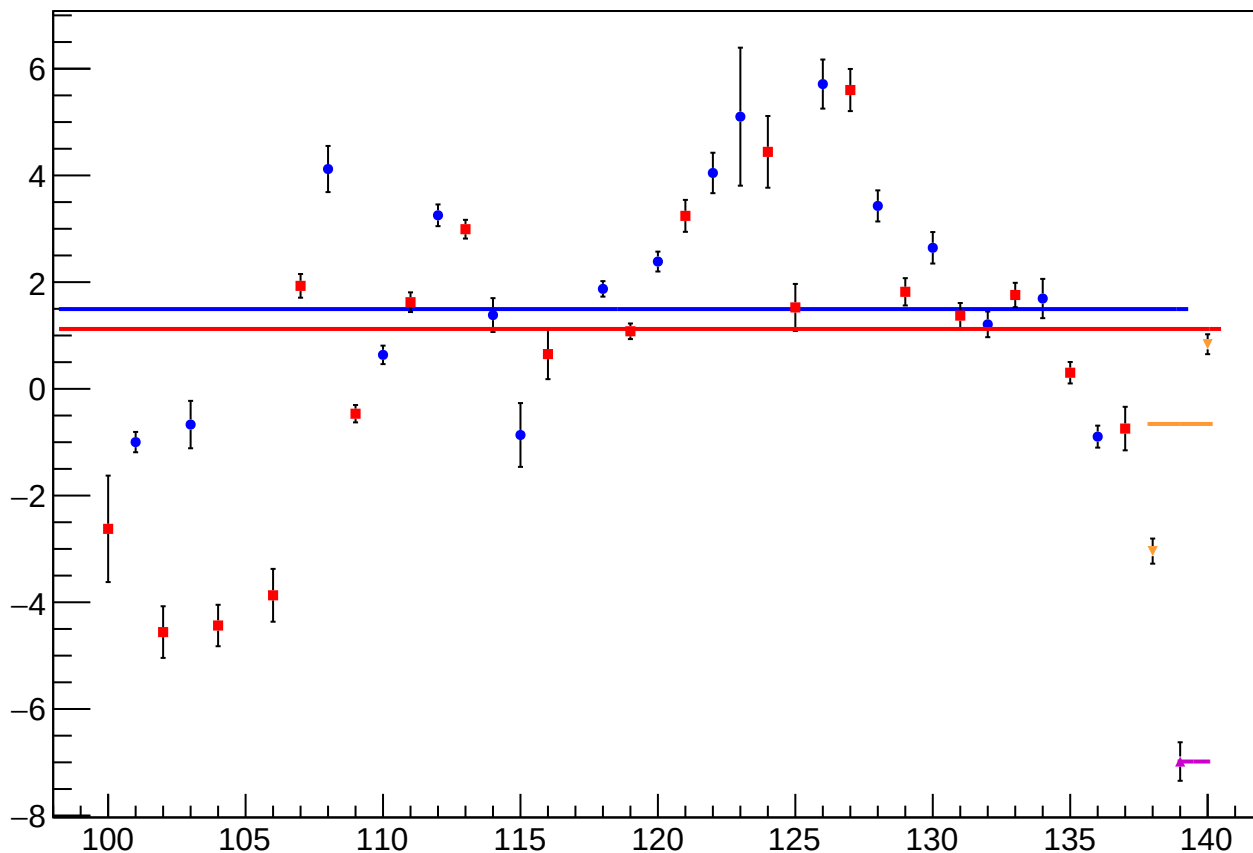
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.906 $\pm$ 0.200 χ^2 /NDF: 0.0/0

Out: -9.525 $\pm$ 0.151 χ^2 /NDF: 70.6/1

All: -8.203 $\pm$ 0.121 χ^2 /NDF: 279.3/2

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 ± 0.061 χ^2/NDF : 708.8/16

Left Out: -0.658 ± 0.146 χ^2/NDF : 166.7/1

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

Left In: -6.985 ± 0.361 χ^2/NDF : 0.0/0

Left: -1.548 ± 0.135 χ^2/NDF : 430.6/2

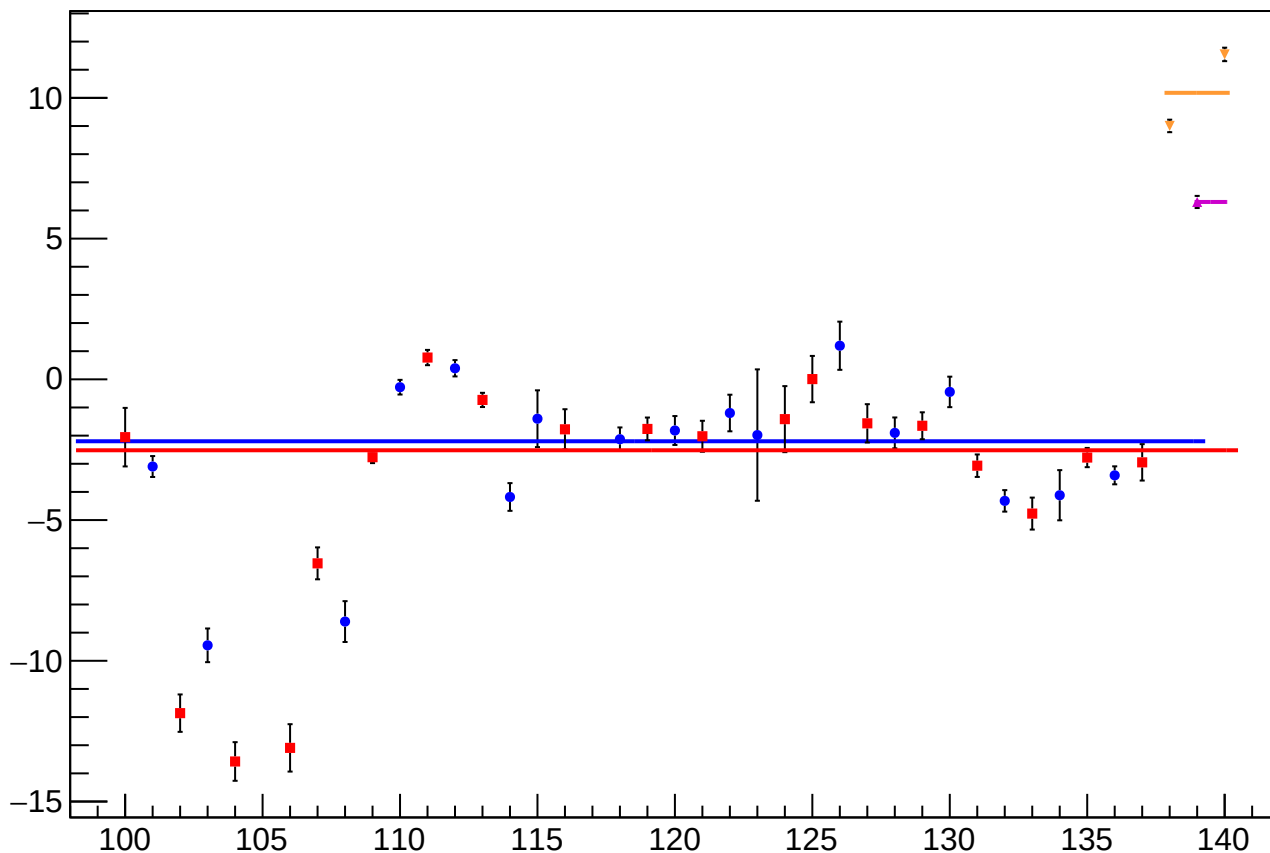
Right: 1.300 ± 0.042 χ^2/NDF : 1674.8/35

In: 1.259 ± 0.060 χ^2/NDF : 1245.1/17

Out: 0.879 ± 0.054 χ^2/NDF : 1241.3/20

All: 1.049 ± 0.040 χ^2/NDF : 2508.4/38

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: 10.180 ± 0.163 χ^2/NDF : 60.4/1

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

Left In: 6.302 ± 0.216 χ^2/NDF : 0.0/0

Left: 8.772 ± 0.130 χ^2/NDF : 265.9/2

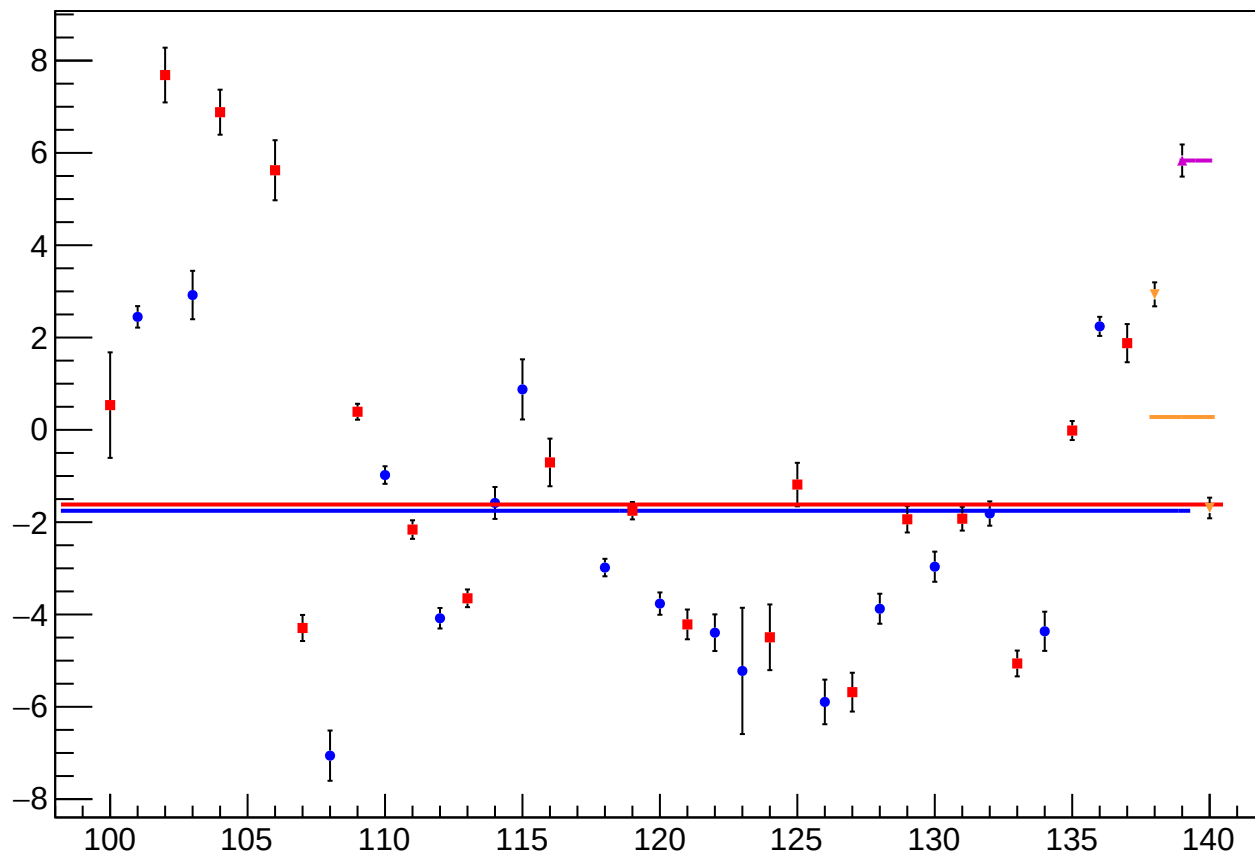
Right: -2.378 ± 0.074 χ^2/NDF : 1368.9/35

In: -0.433 ± 0.098 χ^2/NDF : 1689.4/17

Out: 0.899 ± 0.085 χ^2/NDF : 5399.1/20

All: 0.333 ± 0.064 χ^2/NDF : 7193.9/38

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: 0.278 ± 0.169 χ^2/NDF : 182.3/1

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

Left In: 5.835 ± 0.348 χ^2/NDF : 0.0/0

Left: 1.344 ± 0.152 χ^2/NDF : 388.5/2

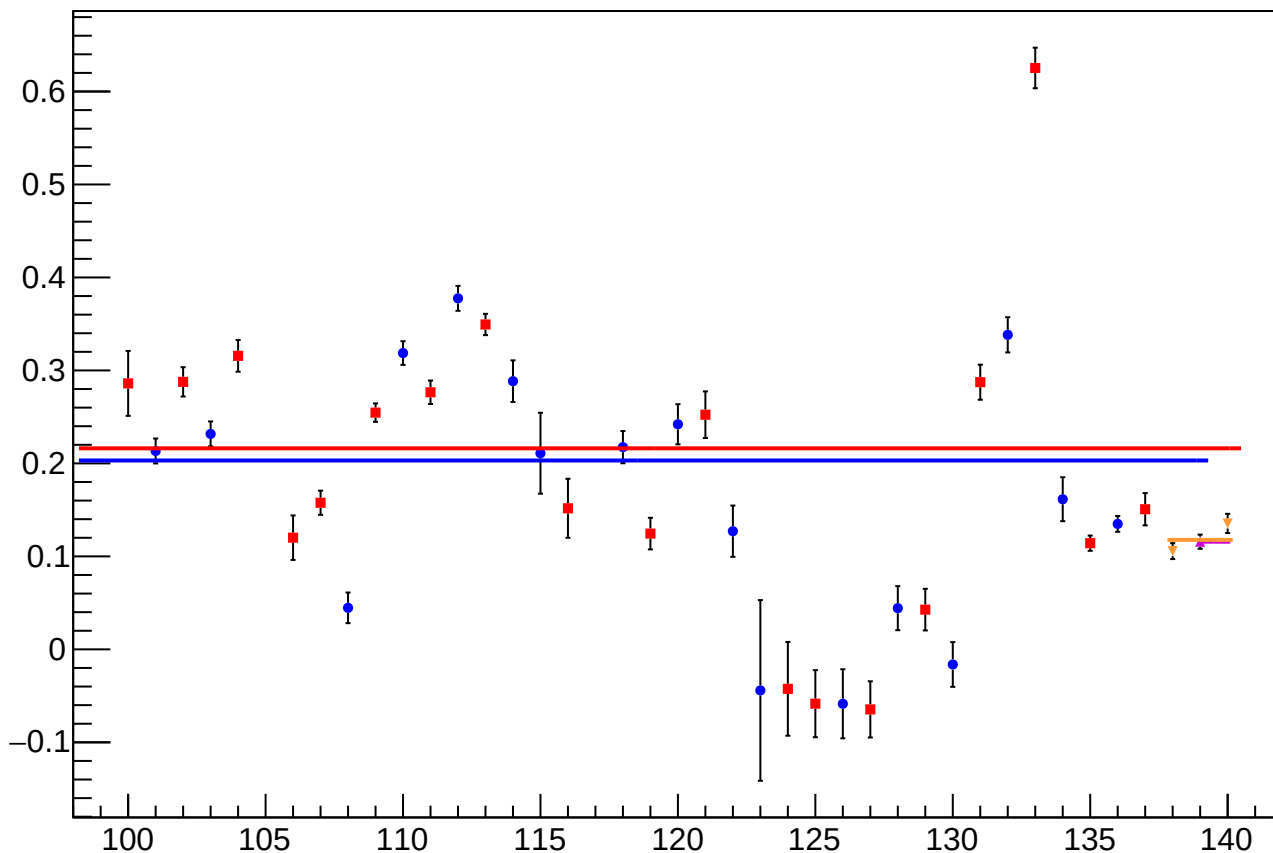
Right: -1.681 ± 0.048 χ^2/NDF : 2834.6/35

In: -1.455 ± 0.069 χ^2/NDF : 1802.1/17

Out: -1.370 ± 0.061 χ^2/NDF : 1778.6/20

All: -1.407 ± 0.046 χ^2/NDF : 3581.6/38

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: 0.118 $\pm$ 0.007 χ^2 /NDF: 4.9/1

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1067.3/18

Left In: 0.116 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.117 $\pm$ 0.005 χ^2 /NDF: 5.0/2

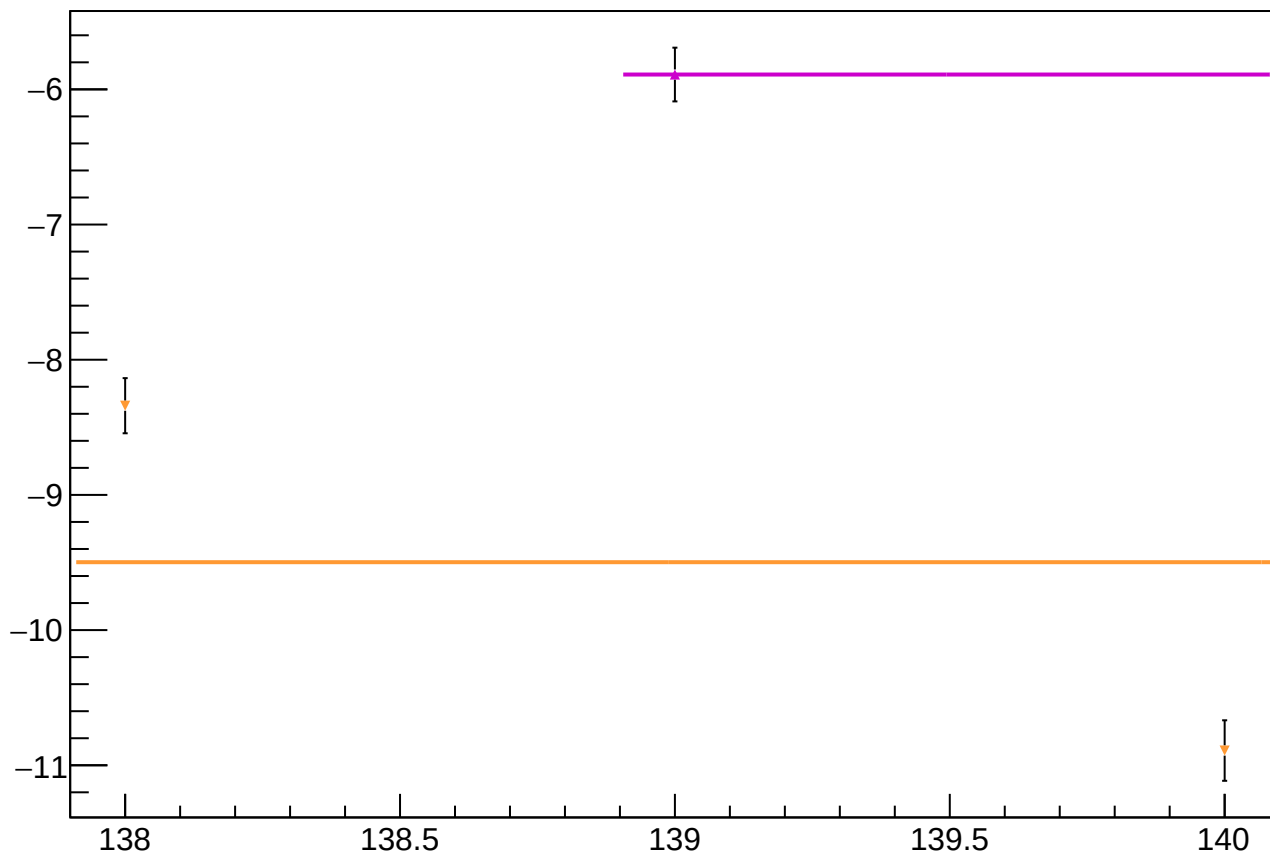
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1750.0/35

In: 0.183 $\pm$ 0.004 χ^2 /NDF: 778.5/17

Out: 0.193 $\pm$ 0.003 χ^2 /NDF: 1242.3/20

All: 0.189 $\pm$ 0.002 χ^2 /NDF: 2024.5/38

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: -9.498+/-0.151 χ^2/NDF : 71.0/1

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

Left In: -5.890+/-0.199 χ^2/NDF : 0.0/0

Left: -8.180+/-0.120 χ^2/NDF : 280.1/2

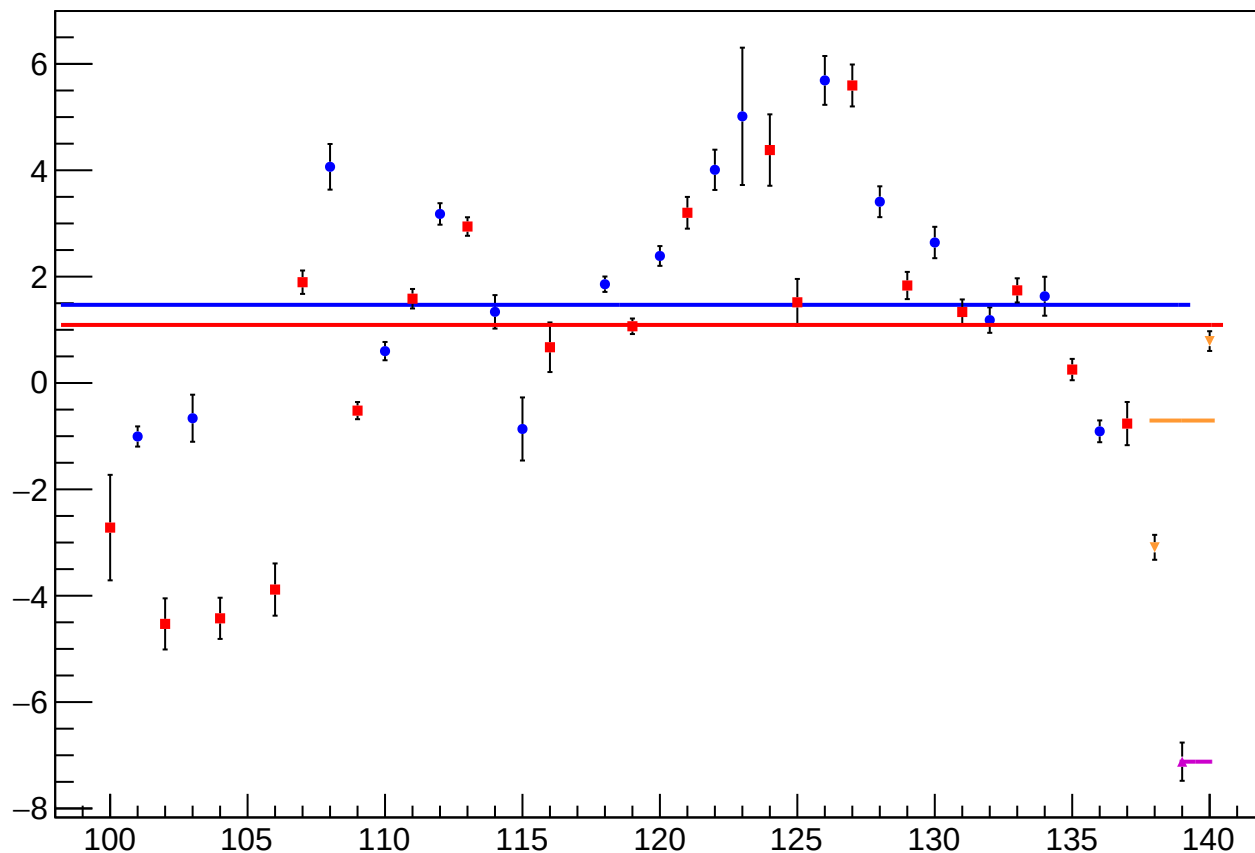
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.890+/-0.199 χ^2/NDF : 0.0/0

Out: -9.498+/-0.151 χ^2/NDF : 71.0/1

All: -8.180+/-0.120 χ^2/NDF : 280.1/2

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: -0.706 ± 0.145 χ^2/NDF : 168.3/1

Right Out: 1.092 ± 0.058 χ^2/NDF : 952.1/18

Left In: -7.121 ± 0.360 χ^2/NDF : 0.0/0

Left: -1.609 ± 0.135 χ^2/NDF : 441.8/2

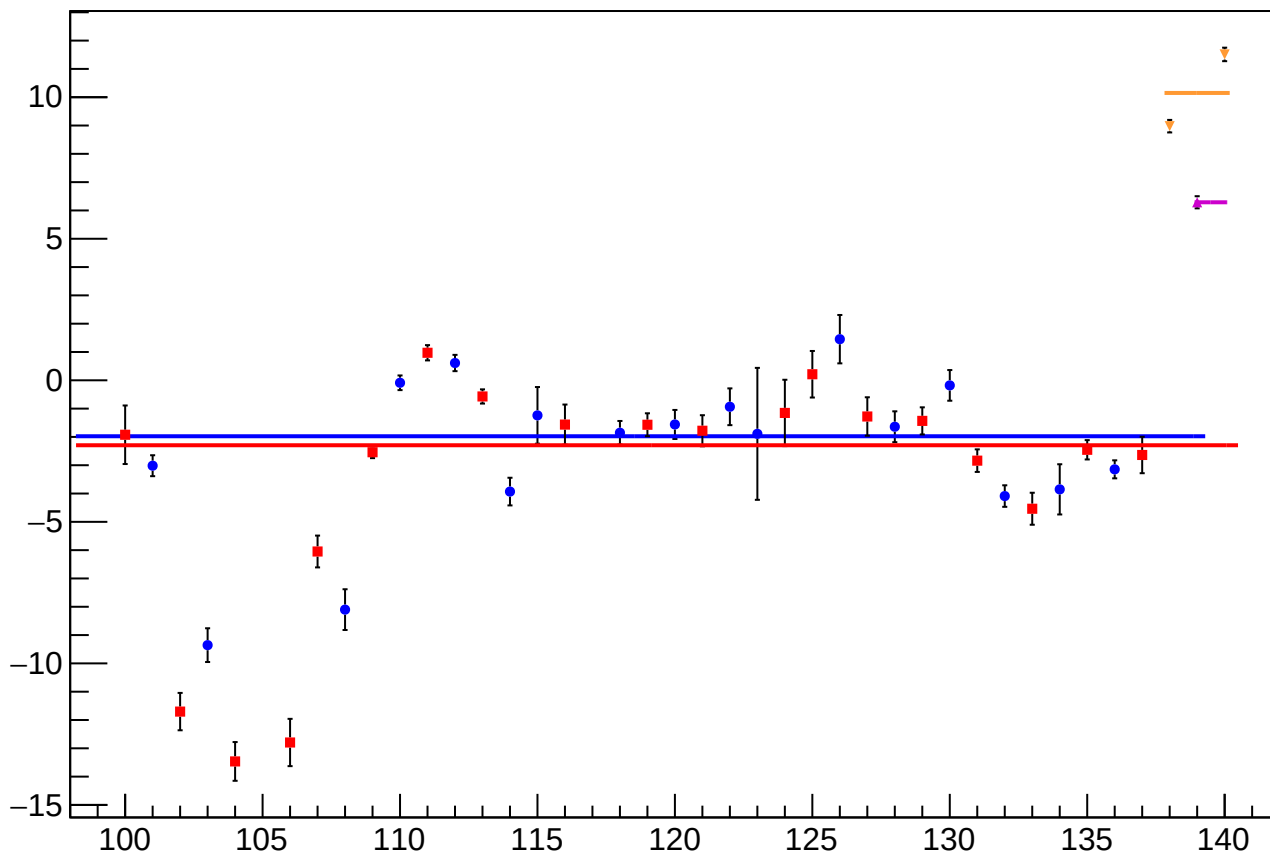
Right: 1.272 ± 0.042 χ^2/NDF : 1680.2/35

In: 1.231 ± 0.060 χ^2/NDF : 1262.9/17

Out: 0.846 ± 0.054 χ^2/NDF : 1252.2/20

All: 1.018 ± 0.040 χ^2/NDF : 2537.9/38

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977 ± 0.110 $\chi^2/\text{NDF}: 463.8/16$

Left Out: 10.151 ± 0.162 $\chi^2/\text{NDF}: 60.7/1$

Right Out: -2.294 ± 0.098 $\chi^2/\text{NDF}: 906.6/18$

Left In: 6.288 ± 0.215 $\chi^2/\text{NDF}: 0.0/0$

Left: 8.749 ± 0.130 $\chi^2/\text{NDF}: 266.3/2$

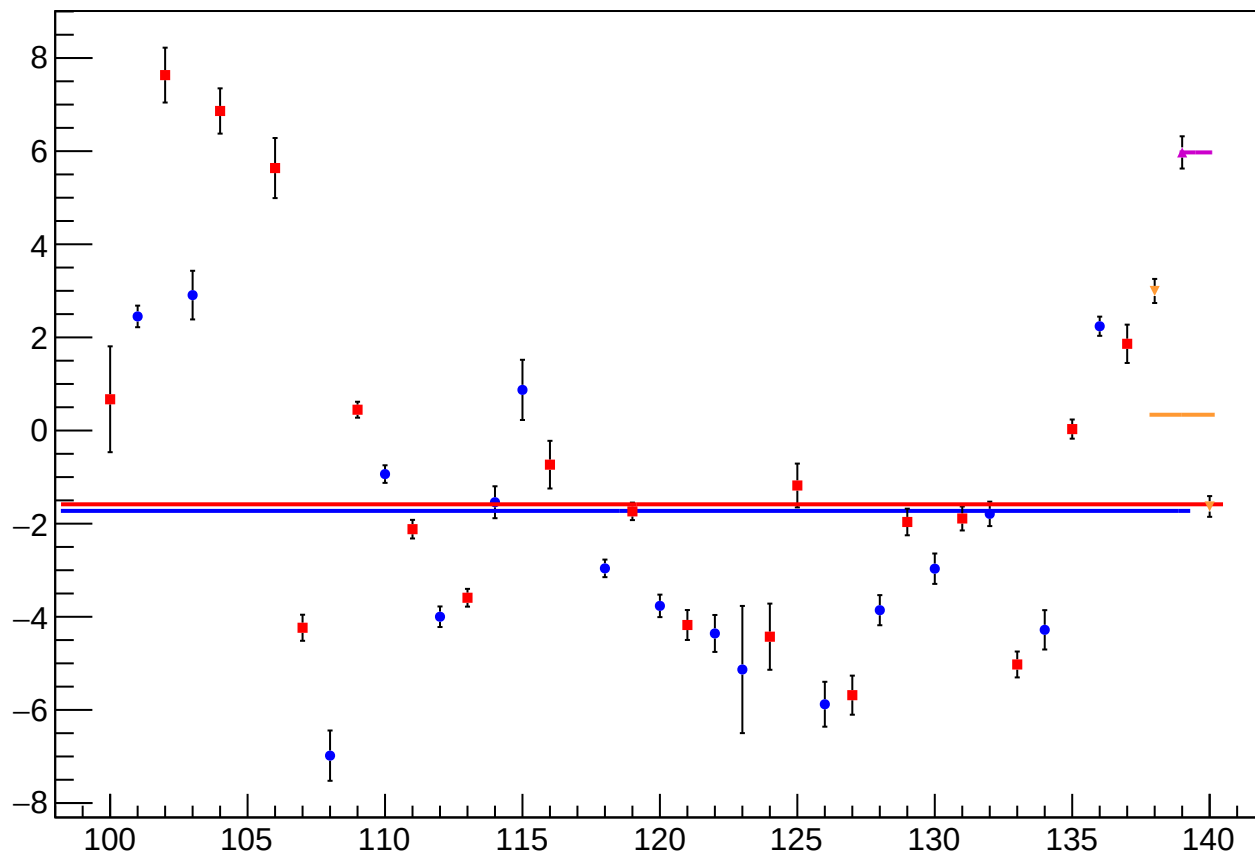
Right: -2.153 ± 0.073 $\chi^2/\text{NDF}: 1375.0/35$

In: -0.261 ± 0.098 $\chi^2/\text{NDF}: 1634.9/17$

Out: 1.052 ± 0.084 $\chi^2/\text{NDF}: 5266.2/20$

All: 0.495 ± 0.064 $\chi^2/\text{NDF}: 7004.5/38$

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: 0.339 ± 0.169 χ^2/NDF : 183.9/1

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

Left In: 5.973 ± 0.346 χ^2/NDF : 0.0/0

Left: 1.420 ± 0.152 χ^2/NDF : 397.7/2

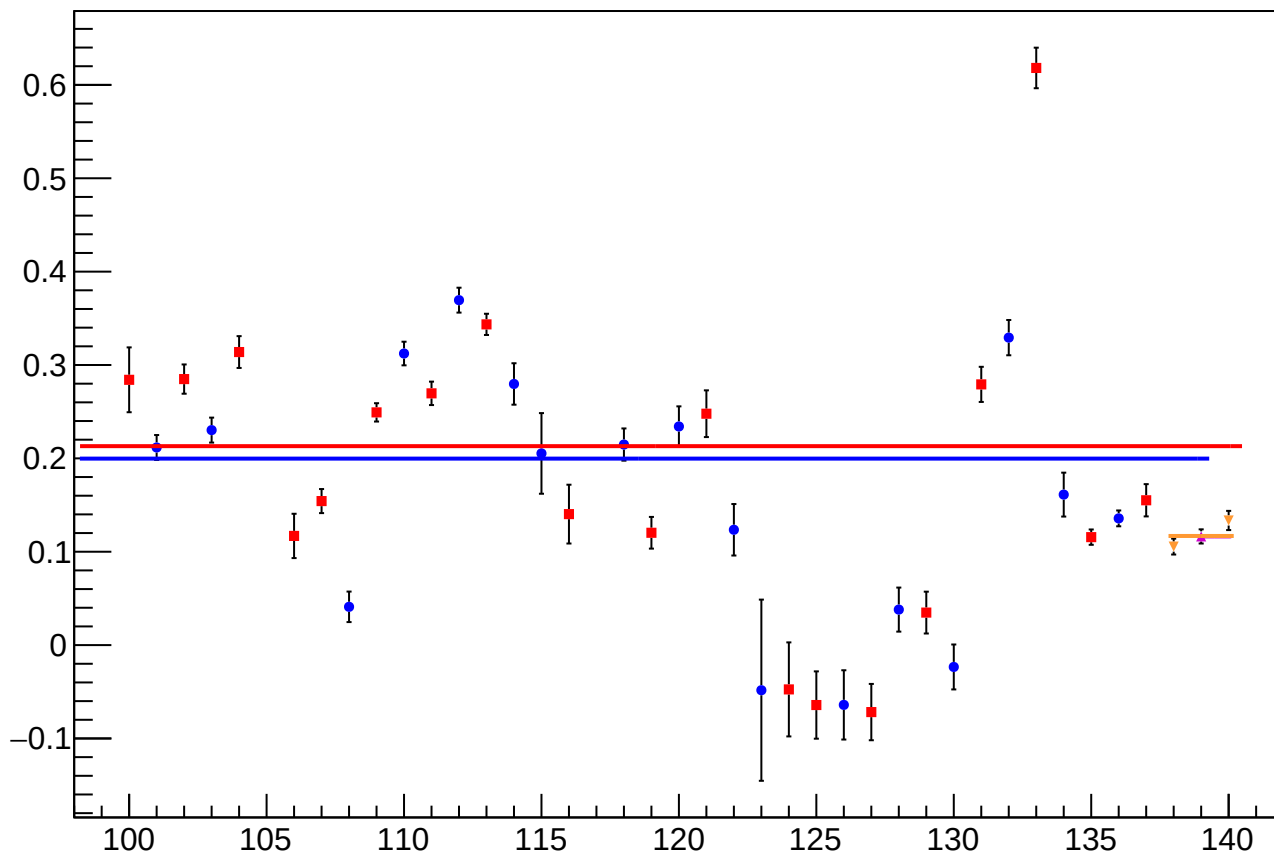
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -1.424 ± 0.069 χ^2/NDF : 1816.1/17

Out: -1.333 ± 0.061 χ^2/NDF : 1789.7/20

All: -1.373 ± 0.046 χ^2/NDF : 3606.8/38

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 $\pm$ 0.004 χ^2 /NDF: 662.5/16

Left Out: 0.117 $\pm$ 0.007 χ^2 /NDF:4.4/1

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

Left In: 0.116 $\pm$ 0.008 χ^2 /NDF:0.0/0

Left: 0.117 $\pm$ 0.005 χ^2 /NDF: 4.4/2

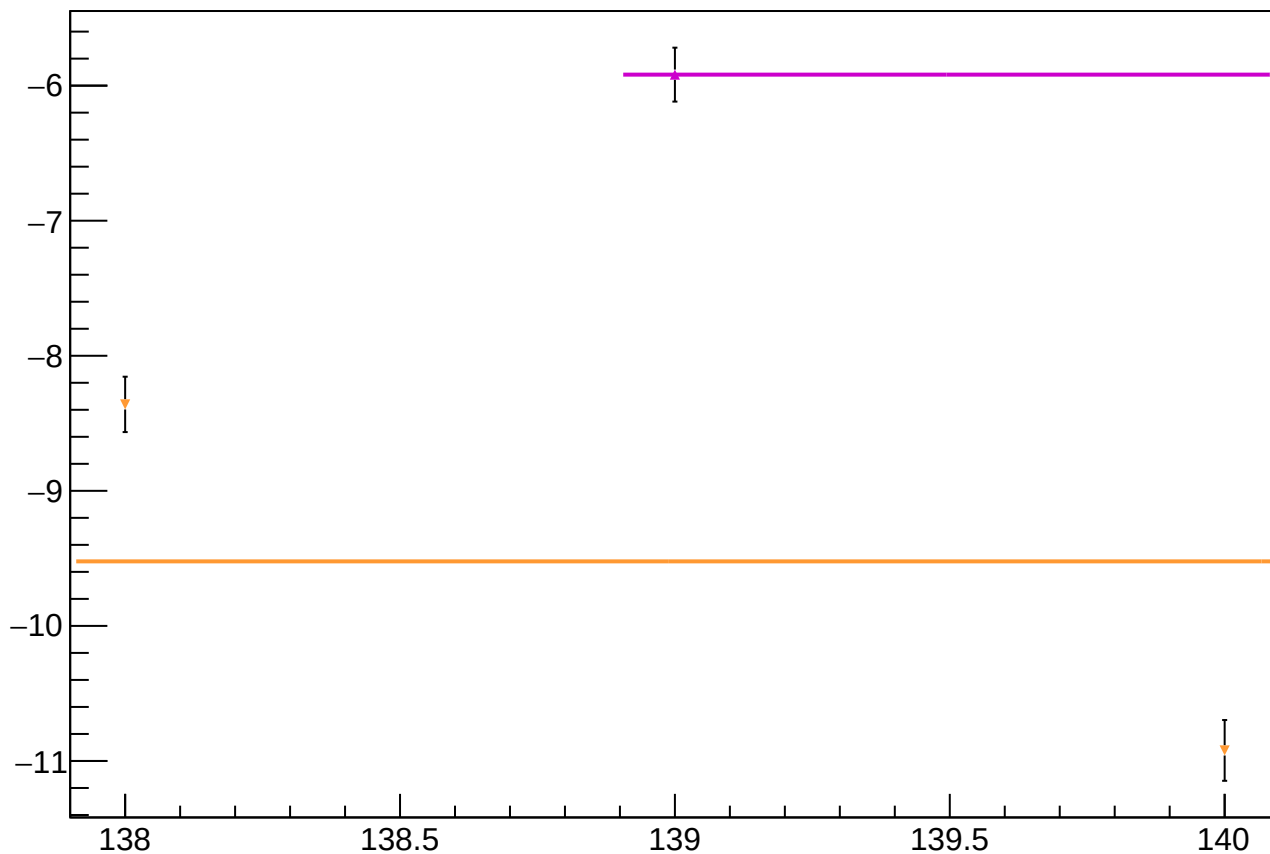
Right: 0.207 $\pm$ 0.003 χ^2 /NDF: 1719.2/35

In: 0.181 $\pm$ 0.004 χ^2 /NDF:755.6/17

Out: 0.190 $\pm$ 0.003 χ^2 /NDF:1219.1/20

All: 0.186 $\pm$ 0.002 χ^2 /NDF: 1978.4/38

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: -9.522 ± 0.152 χ^2/NDF : 70.9/1

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -5.919 ± 0.200 χ^2/NDF : 0.0/0

Left: -8.205 ± 0.121 χ^2/NDF : 277.6/2

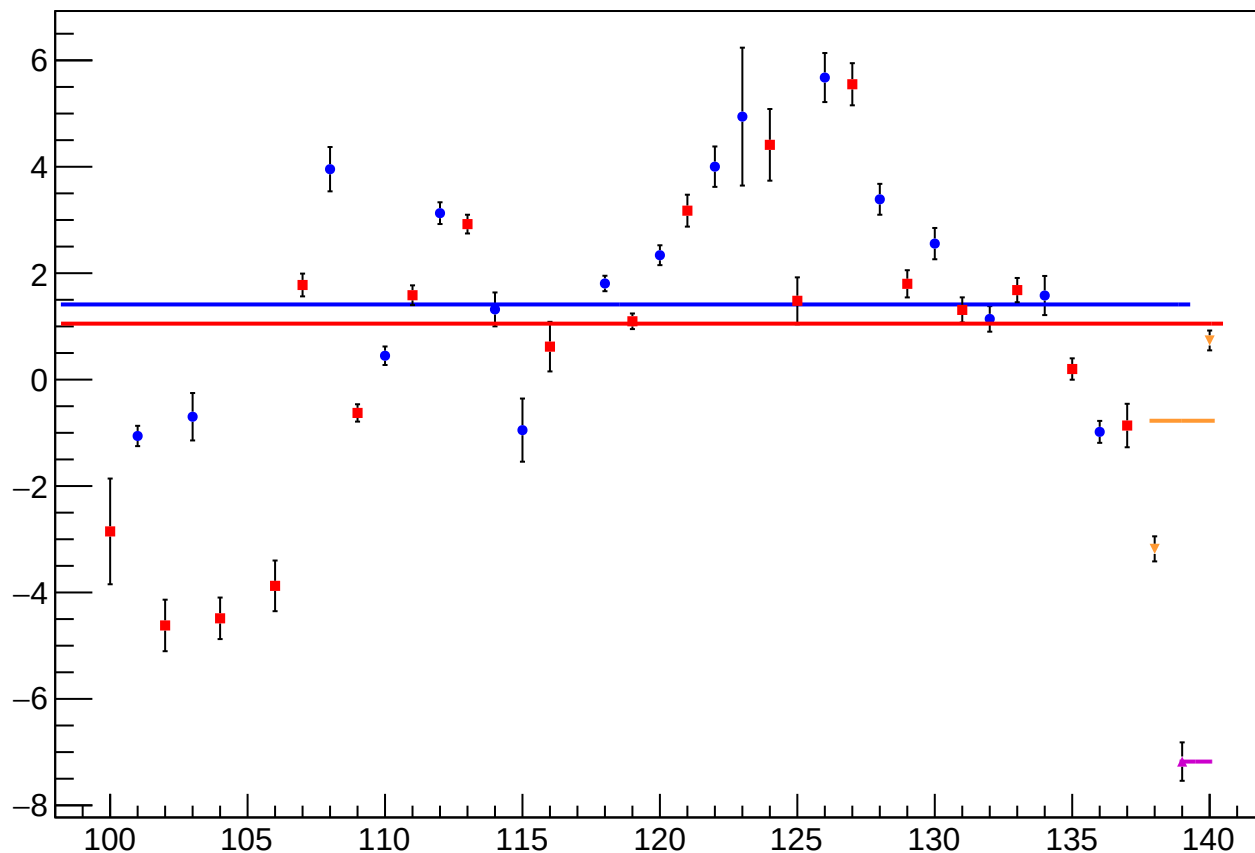
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -5.919 ± 0.200 χ^2/NDF : 0.0/0

Out: -9.522 ± 0.152 χ^2/NDF : 70.9/1

All: -8.205 ± 0.121 χ^2/NDF : 277.6/2

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 $\pm$ 0.061 χ^2 /NDF: 713.9/16

Left Out: -0.773 $\pm$ 0.146 χ^2 /NDF:169.9/1

Right Out: 1.052 $\pm$ 0.058 χ^2 /NDF: 963.3/18

Left In: -7.178 $\pm$ 0.361 χ^2 /NDF:0.0/0

Left: -1.675 $\pm$ 0.136 χ^2 /NDF: 440.2/2

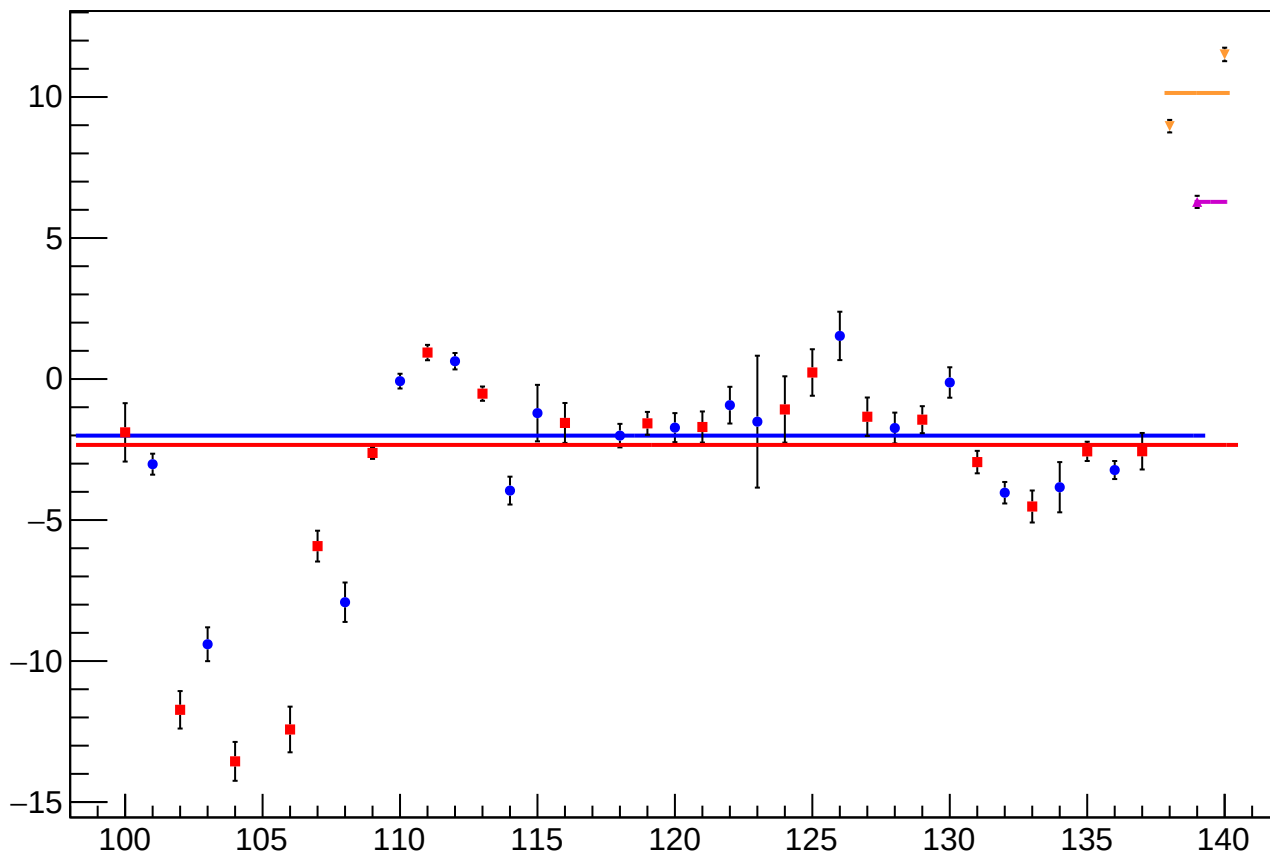
Right: 1.223 $\pm$ 0.042 χ^2 /NDF: 1695.5/35

In: 1.174 $\pm$ 0.060 χ^2 /NDF:1264.0/17

Out: 0.803 $\pm$ 0.054 χ^2 /NDF:1267.8/20

All: 0.968 $\pm$ 0.040 χ^2 /NDF: 2552.9/38

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: 10.144 ± 0.163 χ^2/NDF : 60.5/1

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

Left In: 6.282 ± 0.216 χ^2/NDF : 0.0/0

Left: 8.741 ± 0.130 χ^2/NDF : 264.1/2

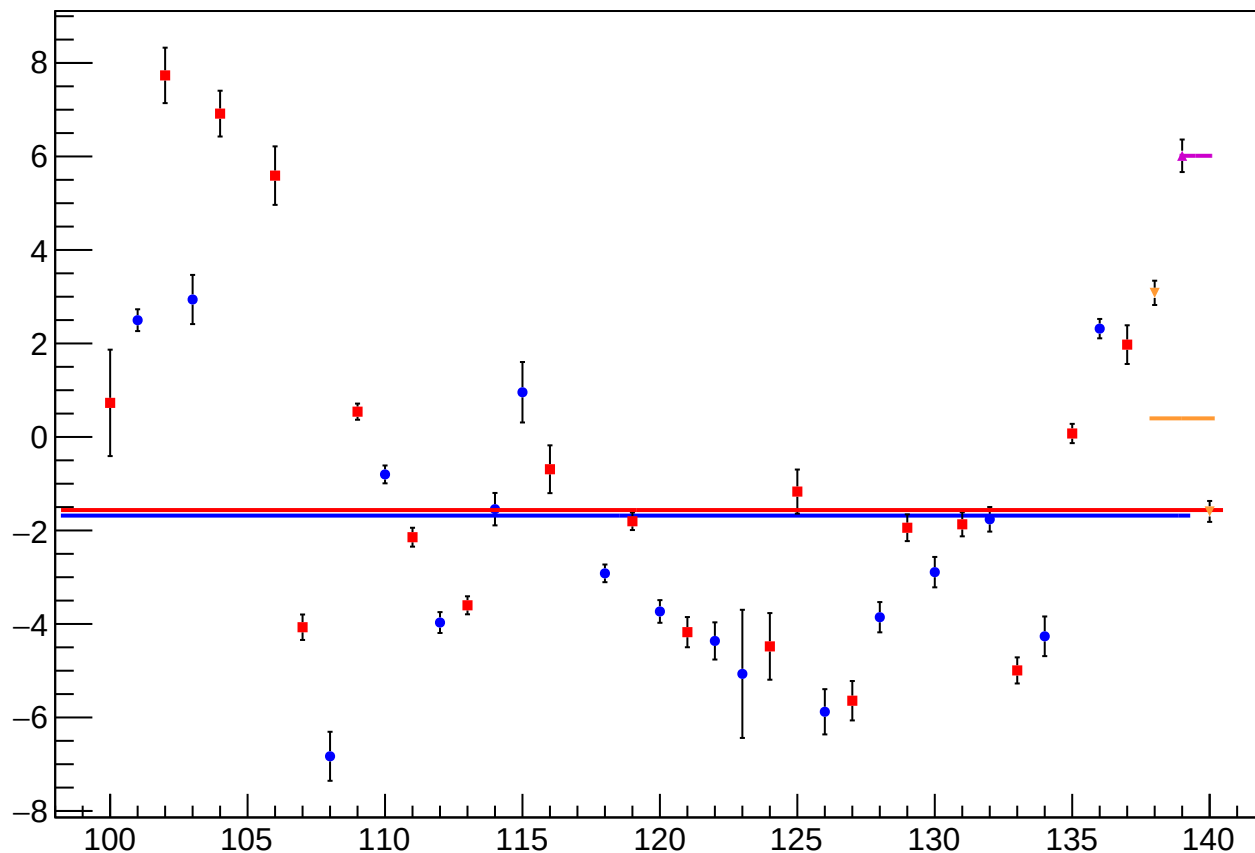
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: -0.284 ± 0.098 χ^2/NDF : 1629.9/17

Out: 1.019 ± 0.085 χ^2/NDF : 5242.0/20

All: 0.466 ± 0.064 χ^2/NDF : 6972.8/38

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: 0.397 ± 0.170 χ^2/NDF : 185.8/1

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

Left In: 6.014 ± 0.348 χ^2/NDF : 0.0/0

Left: 1.476 ± 0.152 χ^2/NDF : 396.4/2

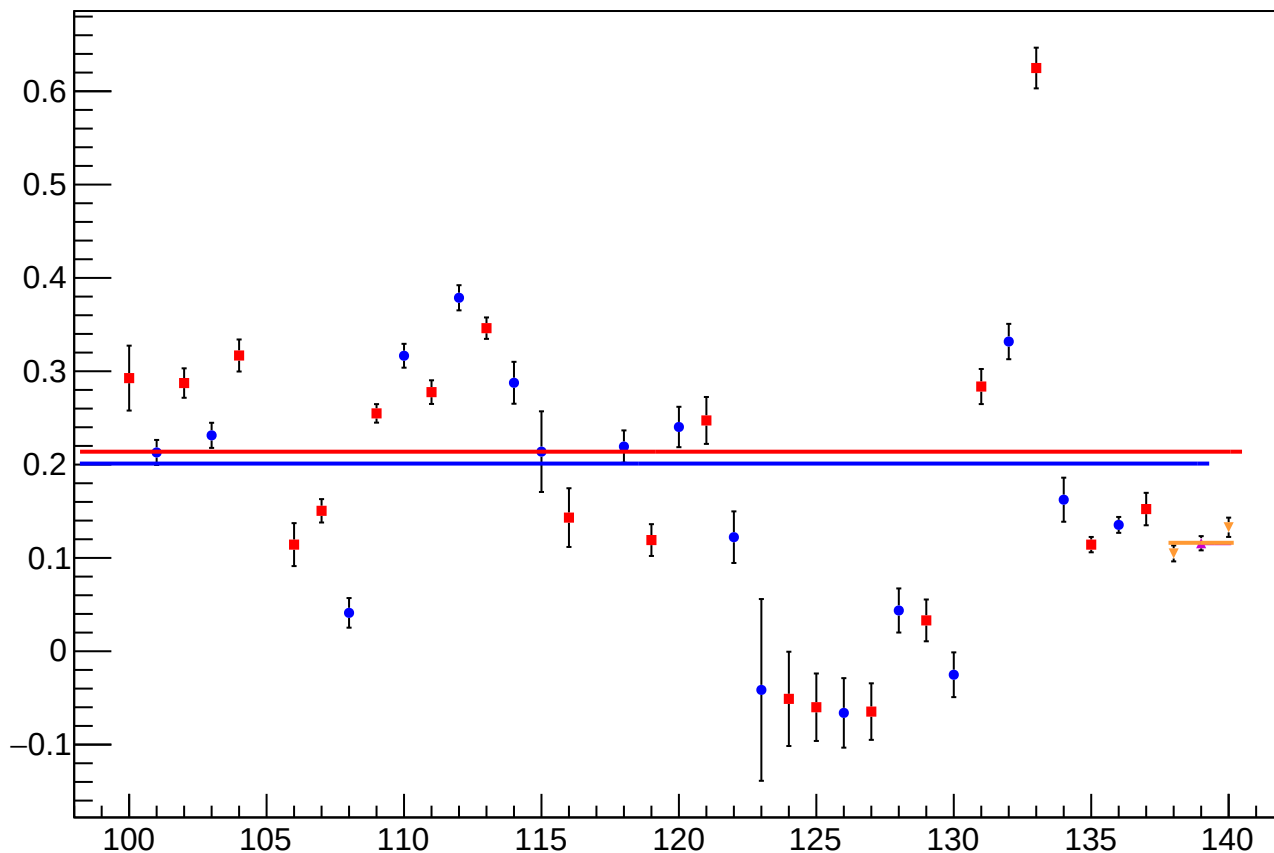
Right: -1.619 ± 0.048 χ^2/NDF : 2854.1/35

In: -1.380 ± 0.069 χ^2/NDF : 1818.0/17

Out: -1.308 ± 0.061 χ^2/NDF : 1806.9/20

All: -1.340 ± 0.046 χ^2/NDF : 3625.4/38

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 $\pm$ 0.004 χ^2 /NDF: 691.3/16

Left Out: 0.116 $\pm$ 0.007 χ^2 /NDF: 4.4/1

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1083.1/18

Left In: 0.116 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.116 $\pm$ 0.005 χ^2 /NDF: 4.4/2

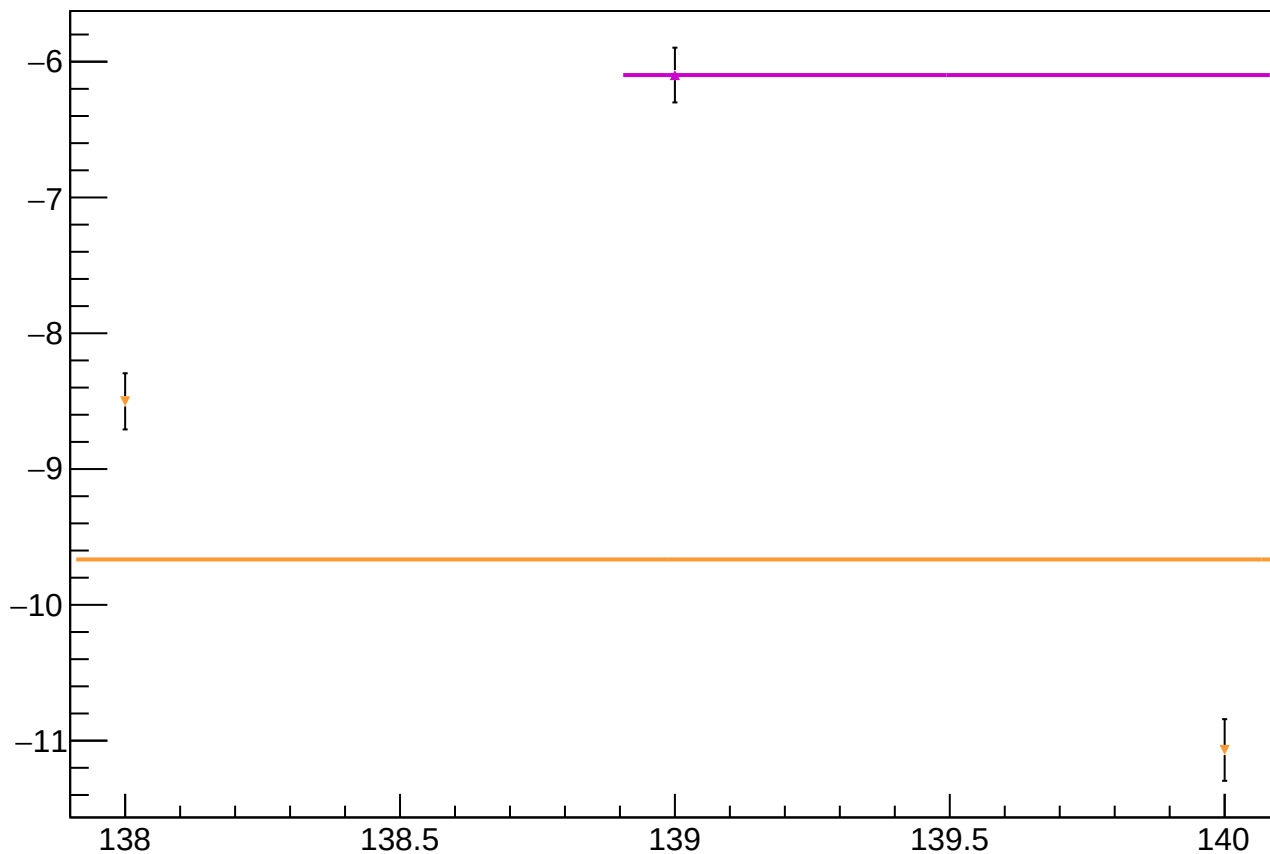
Right: 0.208 $\pm$ 0.003 χ^2 /NDF: 1779.7/35

In: 0.182 $\pm$ 0.004 χ^2 /NDF: 788.1/17

Out: 0.191 $\pm$ 0.003 χ^2 /NDF: 1254.8/20

All: 0.187 $\pm$ 0.002 χ^2 /NDF: 2046.2/38

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: -9.666+/-0.153 χ^2 /NDF: 69.9/1

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

Left In: -6.099+/-0.202 χ^2 /NDF: 0.0/0

Left: -8.364+/-0.122 χ^2 /NDF: 268.6/2

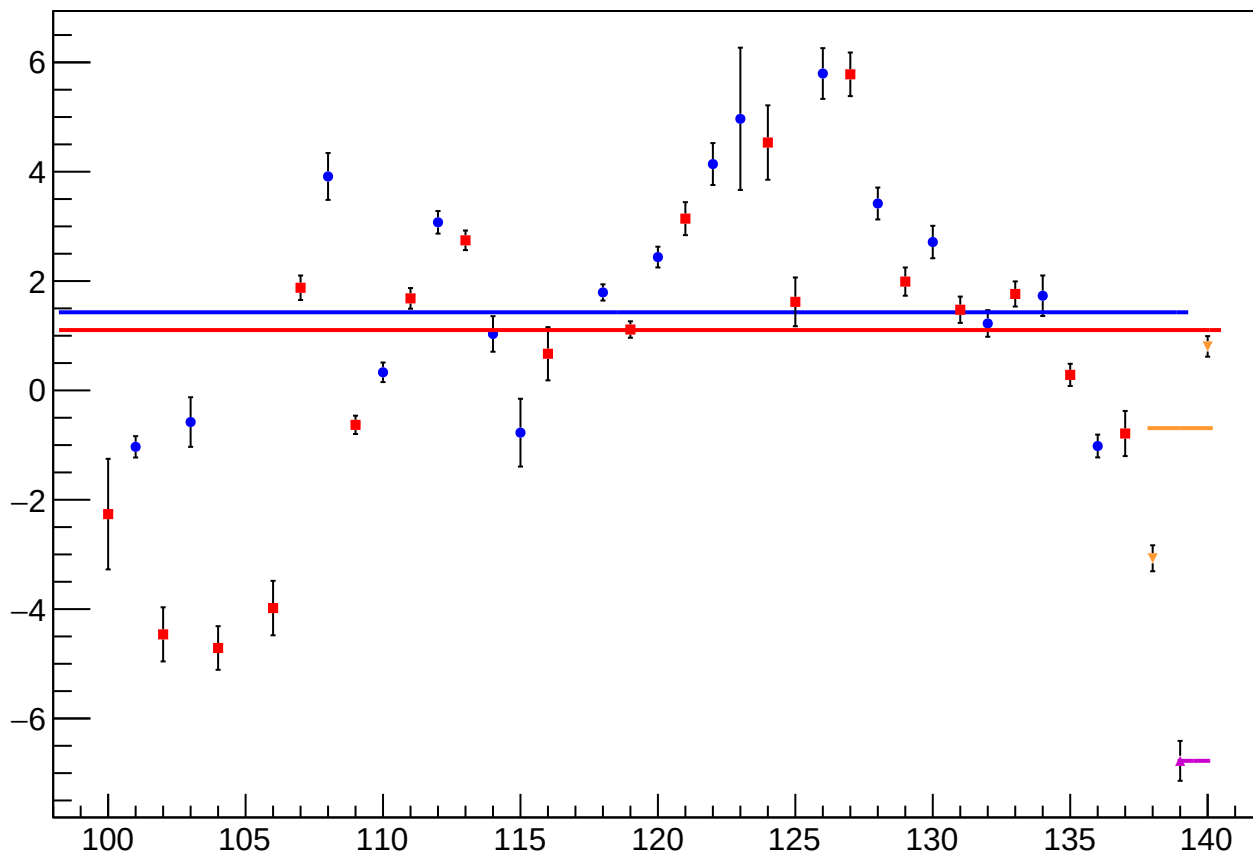
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -6.099+/-0.202 χ^2 /NDF: 0.0/0

Out: -9.666+/-0.153 χ^2 /NDF: 69.9/1

All: -8.364+/-0.122 χ^2 /NDF: 268.6/2

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429+/-0.062 χ^2/NDF : 711.4/16

Left Out: -0.690+/-0.147 χ^2/NDF : 163.6/1

Right Out: 1.104+/-0.059 χ^2/NDF : 936.5/18

Left In: -6.775+/-0.365 χ^2/NDF : 0.0/0

Left: -1.545+/-0.137 χ^2/NDF : 402.7/2

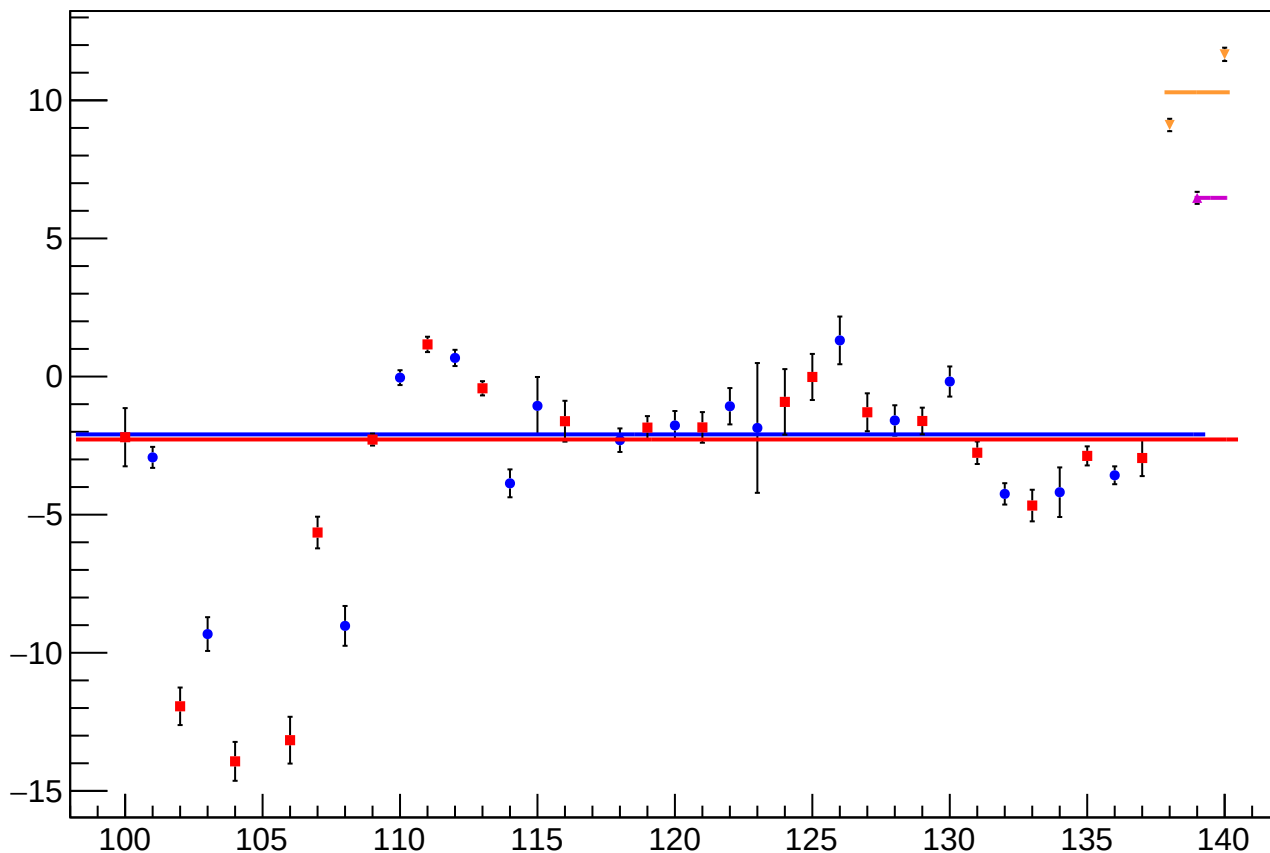
Right: 1.259+/-0.043 χ^2/NDF : 1662.3/35

In: 1.197+/-0.061 χ^2/NDF : 1202.8/17

Out: 0.854+/-0.055 χ^2/NDF : 1227.3/20

All: 1.007+/-0.041 χ^2/NDF : 2447.6/38

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: 10.291 ± 0.165 χ^2/NDF : 60.0/1

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

Left In: 6.469 ± 0.218 χ^2/NDF : 0.0/0

Left: 8.905 ± 0.131 χ^2/NDF : 255.6/2

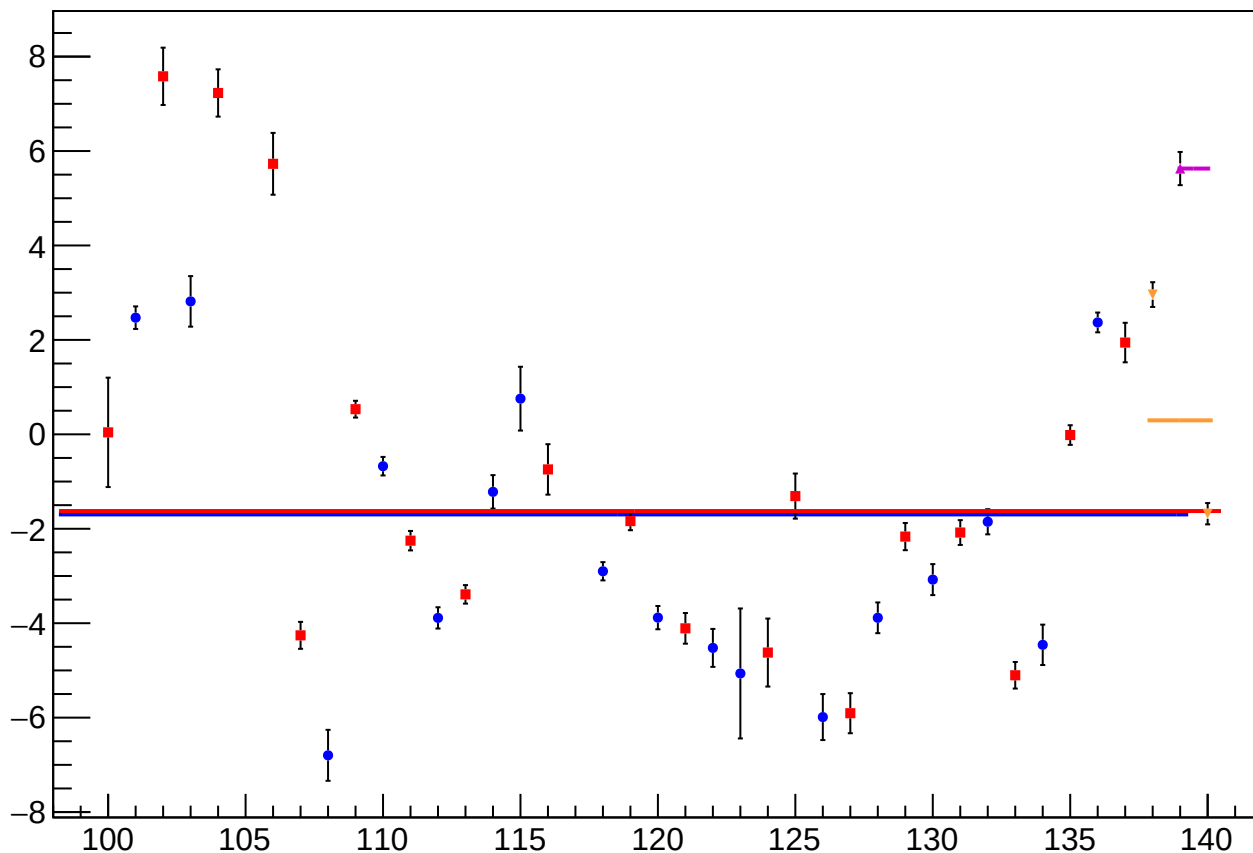
Right: -2.196 ± 0.075 χ^2/NDF : 1406.6/35

In: -0.293 ± 0.100 χ^2/NDF : 1703.1/17

Out: 1.162 ± 0.086 χ^2/NDF : 5215.5/20

All: 0.543 ± 0.065 χ^2/NDF : 7040.0/38

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696 ± 0.072 $\chi^2/\text{NDF}: 1333.3/16$

Left Out: 0.296 ± 0.171 $\chi^2/\text{NDF}: 180.0/1$

Right Out: -1.624 ± 0.067 $\chi^2/\text{NDF}: 1467.3/18$

Left In: 5.629 ± 0.352 $\chi^2/\text{NDF}: 0.0/0$

Left: 1.317 ± 0.154 $\chi^2/\text{NDF}: 366.0/2$

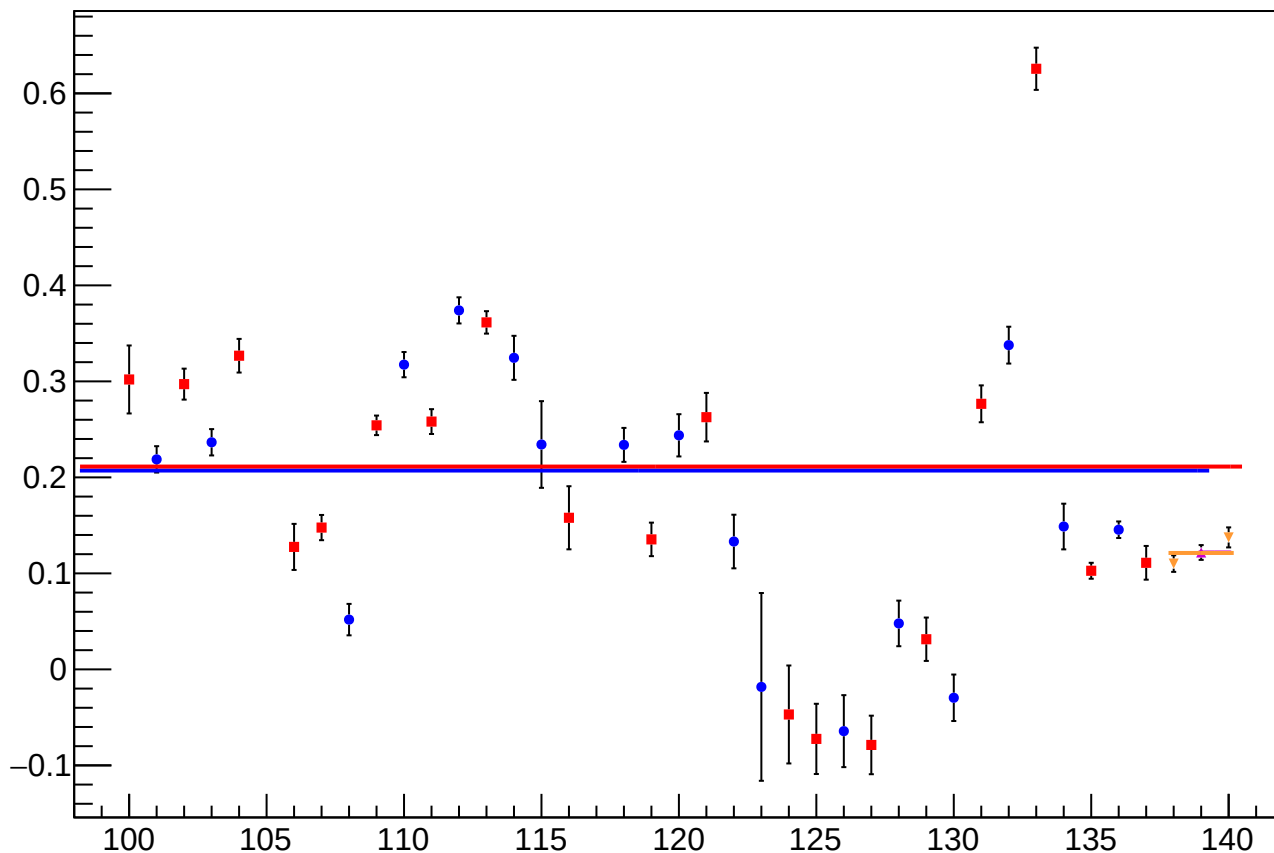
Right: -1.658 ± 0.049 $\chi^2/\text{NDF}: 2801.2/35$

In: -1.405 ± 0.070 $\chi^2/\text{NDF}: 1750.2/17$

Out: -1.369 ± 0.062 $\chi^2/\text{NDF}: 1756.6/20$

All: -1.385 ± 0.047 $\chi^2/\text{NDF}: 3507.0/38$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 $\pm$ 0.004 χ^2 /NDF: 656.3/16

Left Out: 0.121 $\pm$ 0.007 χ^2 /NDF: 4.1/1

Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1145.7/18

Left In: 0.122 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.121 $\pm$ 0.005 χ^2 /NDF: 4.1/2

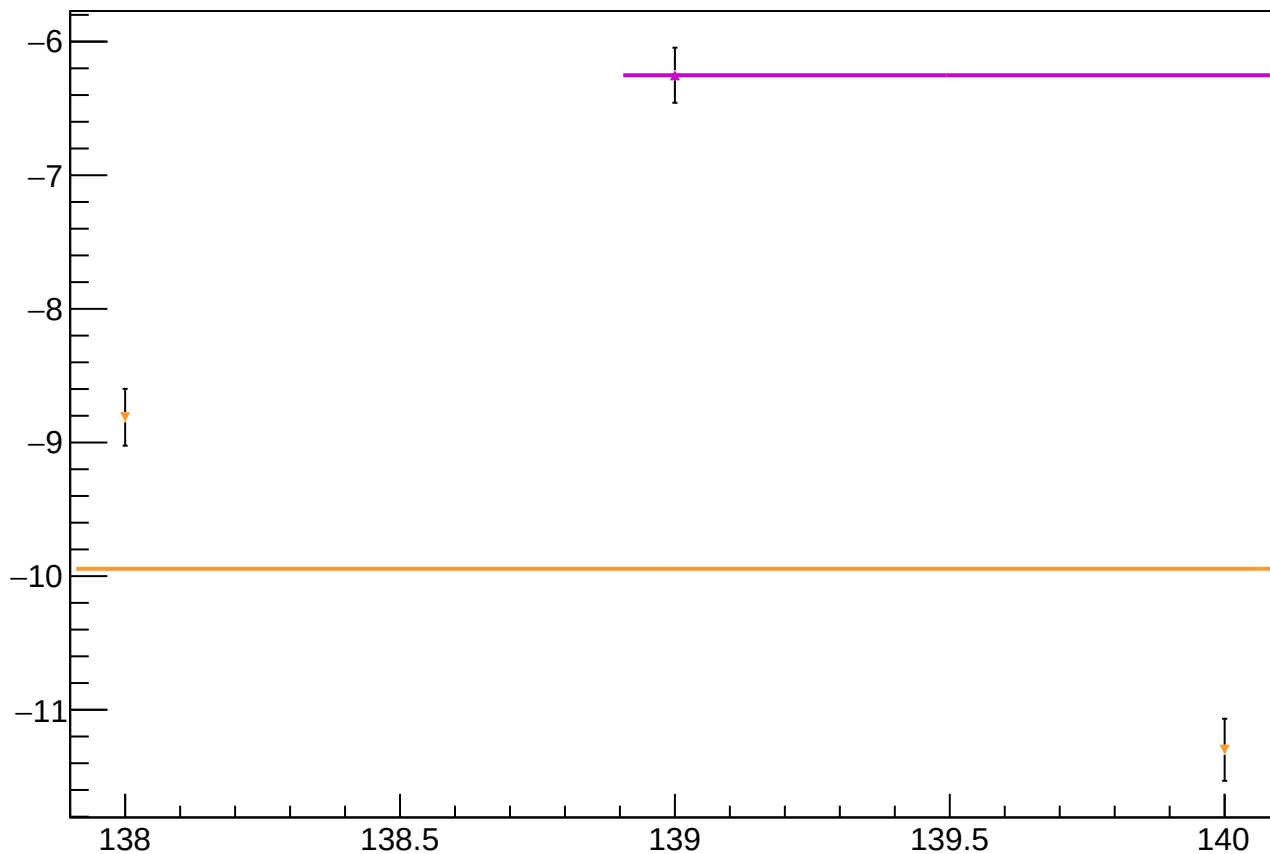
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1802.5/35

In: 0.188 $\pm$ 0.004 χ^2 /NDF: 750.9/17

Out: 0.189 $\pm$ 0.003 χ^2 /NDF: 1288.6/20

All: 0.189 $\pm$ 0.002 χ^2 /NDF: 2039.7/38

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: -9.945+/-0.157 χ^2/NDF : 62.4/1

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

Left In: -6.252+/-0.206 χ^2/NDF : 0.0/0

Left: -8.592+/-0.125 χ^2/NDF : 265.6/2

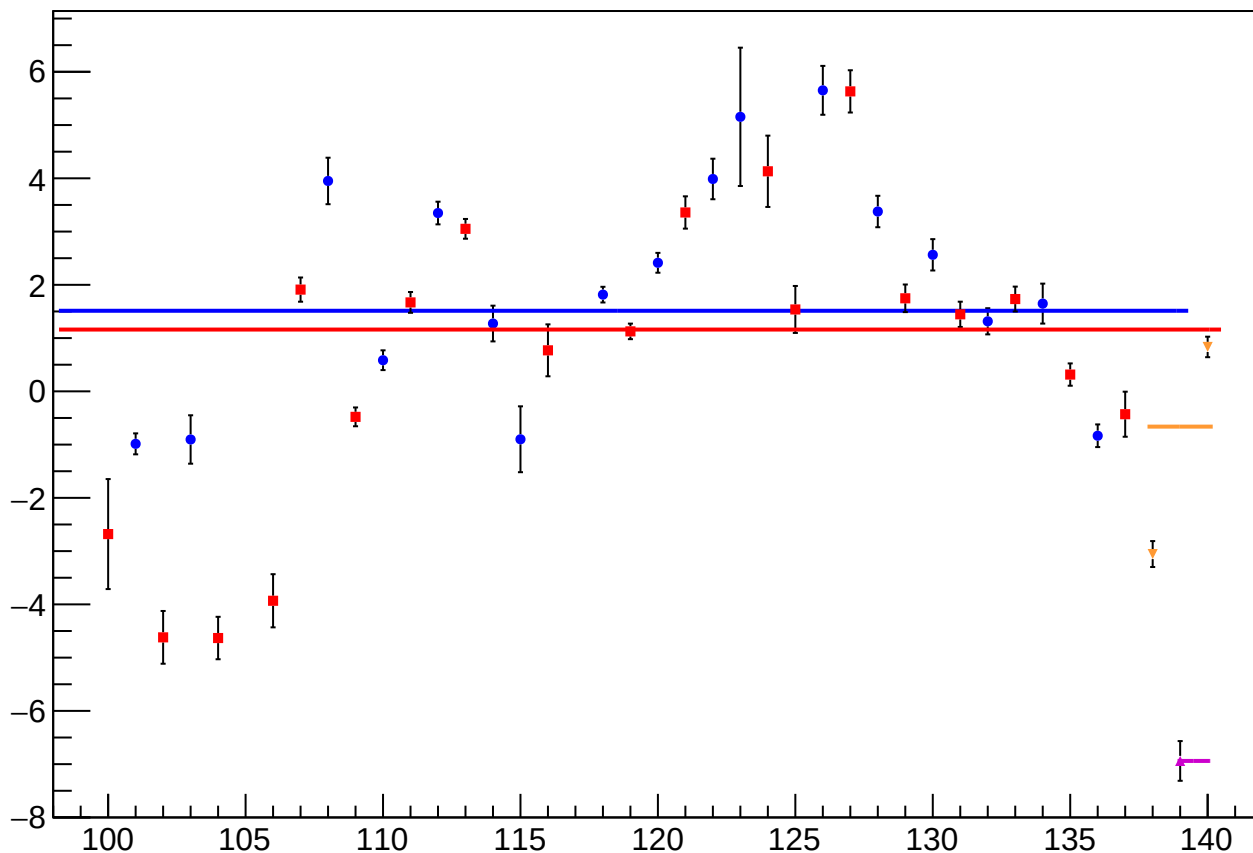
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.252+/-0.206 χ^2/NDF : 0.0/0

Out: -9.945+/-0.157 χ^2/NDF : 62.4/1

All: -8.592+/-0.125 χ^2/NDF : 265.6/2

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: -0.662 $\pm$ 0.151 χ^2 /NDF:156.9/1

Right Out: 1.160 $\pm$ 0.060 χ^2 /NDF: 917.0/18

Left In: -6.940 $\pm$ 0.373 χ^2 /NDF:0.0/0

Left: -1.547 $\pm$ 0.140 χ^2 /NDF: 400.3/2

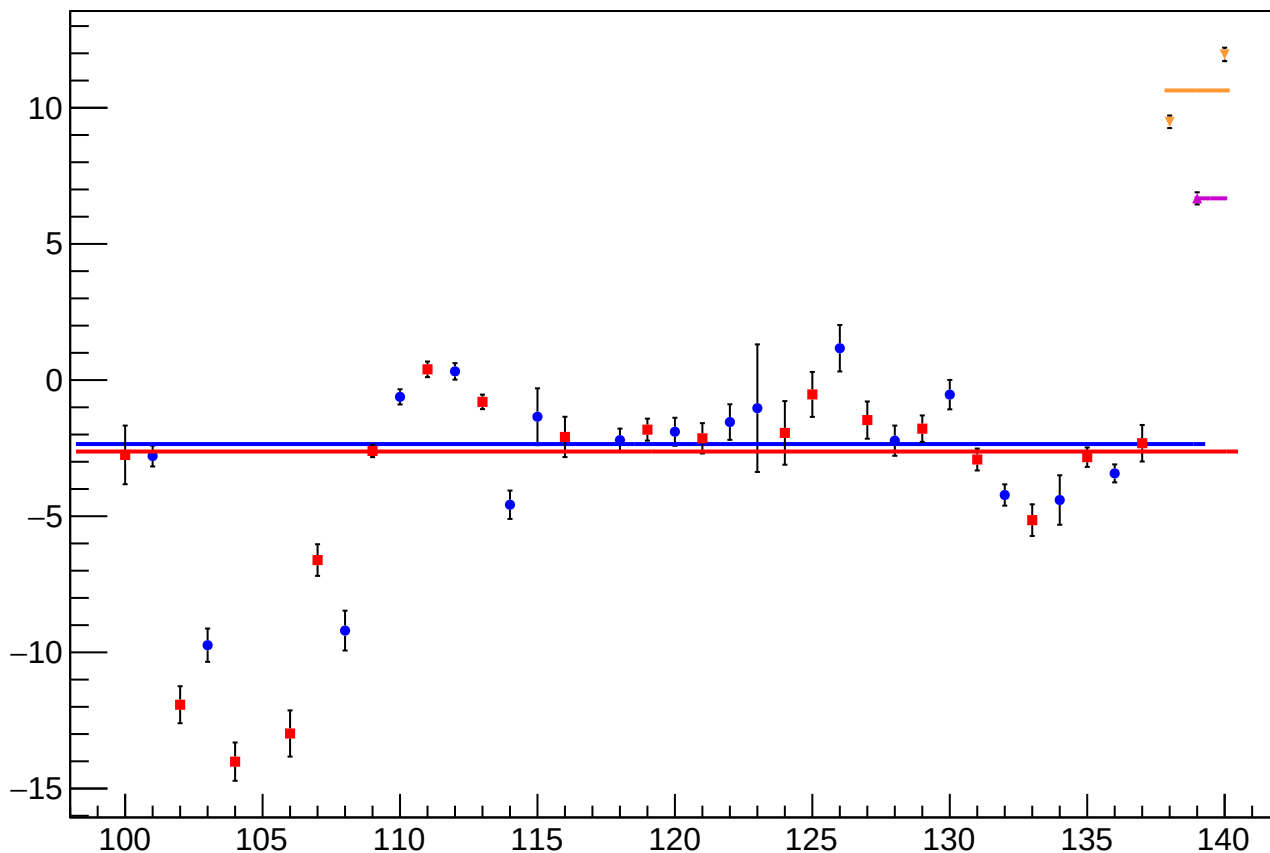
Right: 1.329 $\pm$ 0.043 χ^2 /NDF: 1603.3/35

In: 1.281 $\pm$ 0.062 χ^2 /NDF:1169.3/17

Out: 0.911 $\pm$ 0.056 χ^2 /NDF:1199.7/20

All: 1.077 $\pm$ 0.041 χ^2 /NDF: 2388.6/38

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 ± 0.114 $\chi^2/\text{NDF}: 439.7/16$

Left Out: 10.636 ± 0.169 $\chi^2/\text{NDF}: 53.5/1$

Right Out: -2.624 ± 0.103 $\chi^2/\text{NDF}: 840.4/18$

Left In: 6.674 ± 0.223 $\chi^2/\text{NDF}: 0.0/0$

Left: 9.194 ± 0.135 $\chi^2/\text{NDF}: 254.0/2$

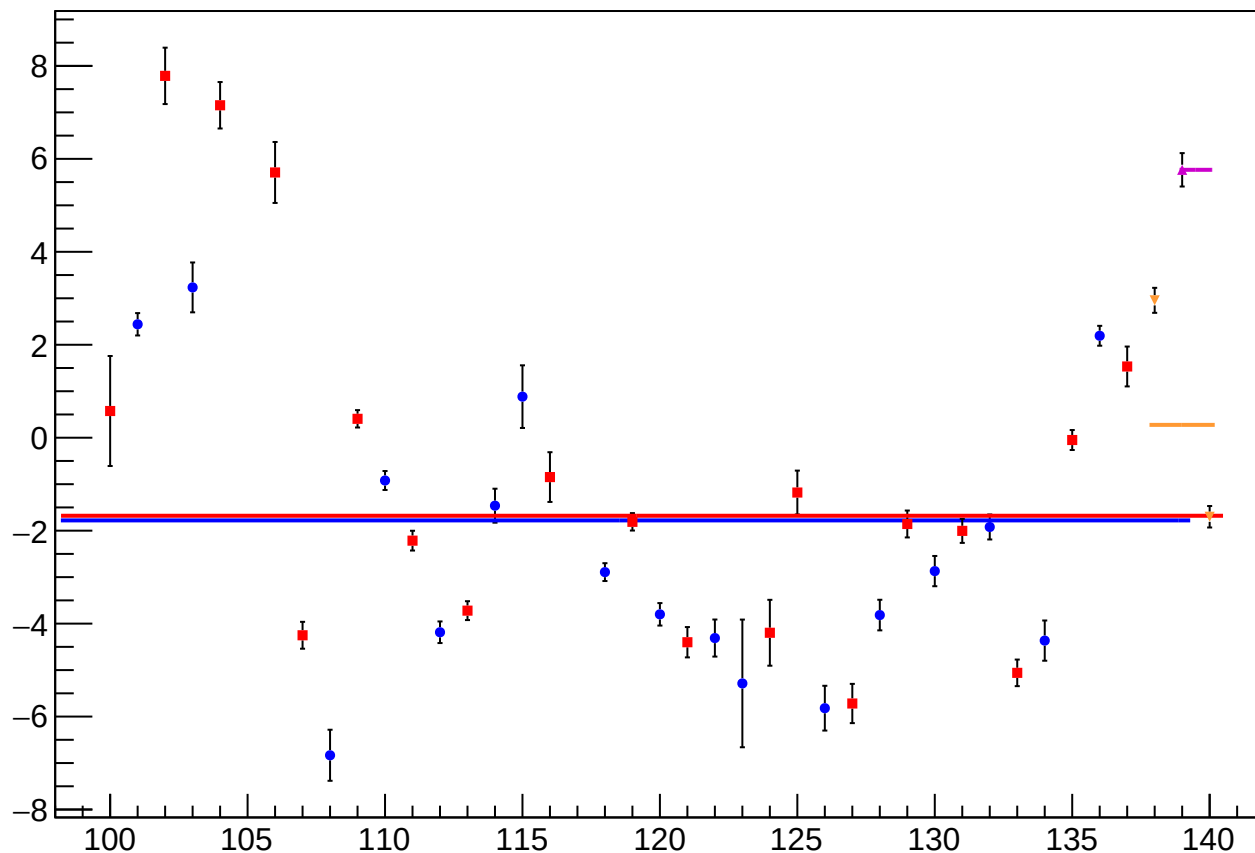
Right: -2.501 ± 0.077 $\chi^2/\text{NDF}: 1283.3/35$

In: -0.475 ± 0.102 $\chi^2/\text{NDF}: 1734.8/17$

Out: 0.985 ± 0.088 $\chi^2/\text{NDF}: 5384.5/20$

All: 0.360 ± 0.067 $\chi^2/\text{NDF}: 7236.9/38$

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: 0.276 ± 0.175 χ^2/NDF : 172.5/1

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

Left In: 5.764 ± 0.359 χ^2/NDF : 0.0/0

Left: 1.331 ± 0.158 χ^2/NDF : 361.0/2

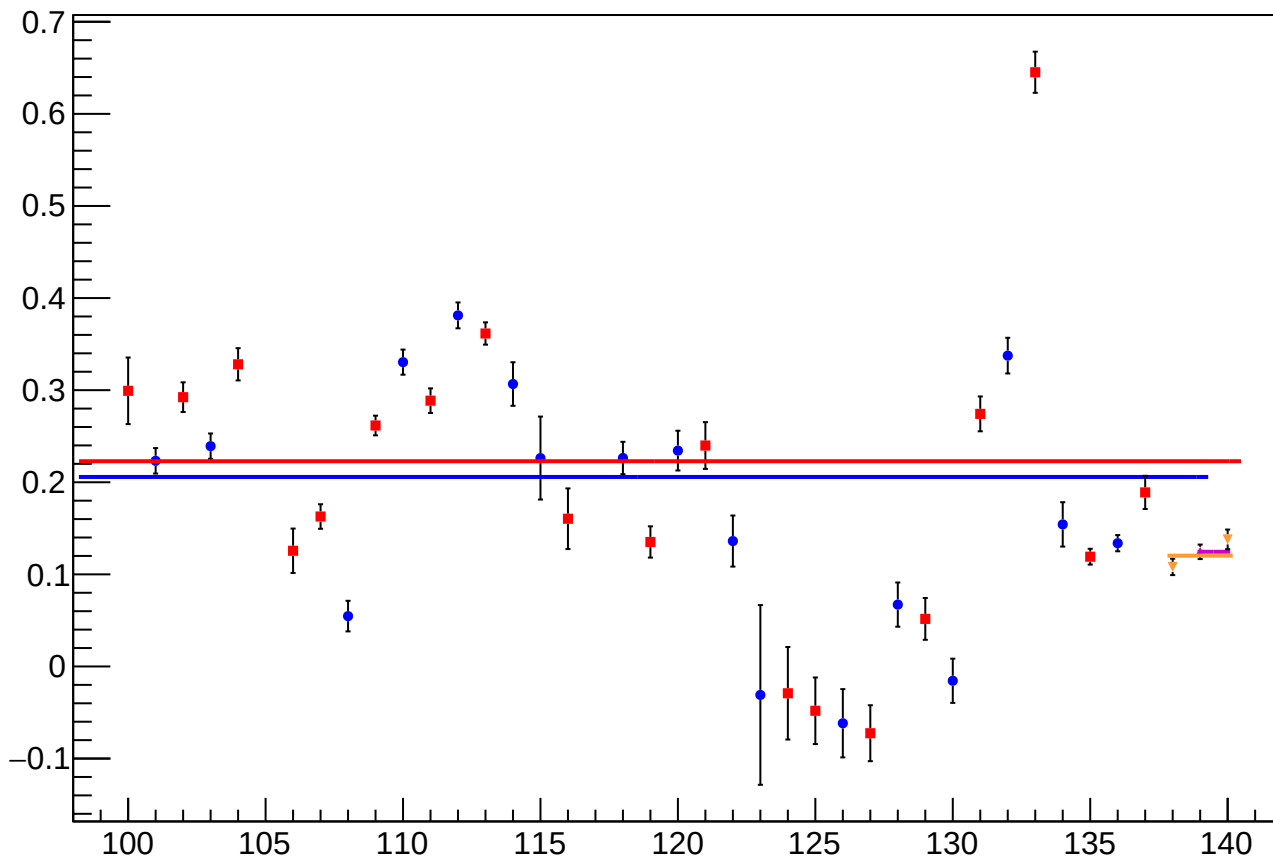
Right: -1.726 ± 0.050 χ^2/NDF : 2702.6/35

In: -1.486 ± 0.071 χ^2/NDF : 1695.7/17

Out: -1.423 ± 0.063 χ^2/NDF : 1710.3/20

All: -1.451 ± 0.047 χ^2/NDF : 3406.4/38

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: 0.120 $\pm$ 0.007 χ^2 /NDF: 4.6/1

Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1042.2/18

Left In: 0.124 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.122 $\pm$ 0.005 χ^2 /NDF: 4.8/2

Right: 0.215 $\pm$ 0.003 χ^2 /NDF: 1702.9/35

In: 0.187 $\pm$ 0.004 χ^2 /NDF: 734.2/17

Out: 0.198 $\pm$ 0.003 χ^2 /NDF: 1218.3/20

All: 0.193 $\pm$ 0.002 χ^2 /NDF: 1957.1/38