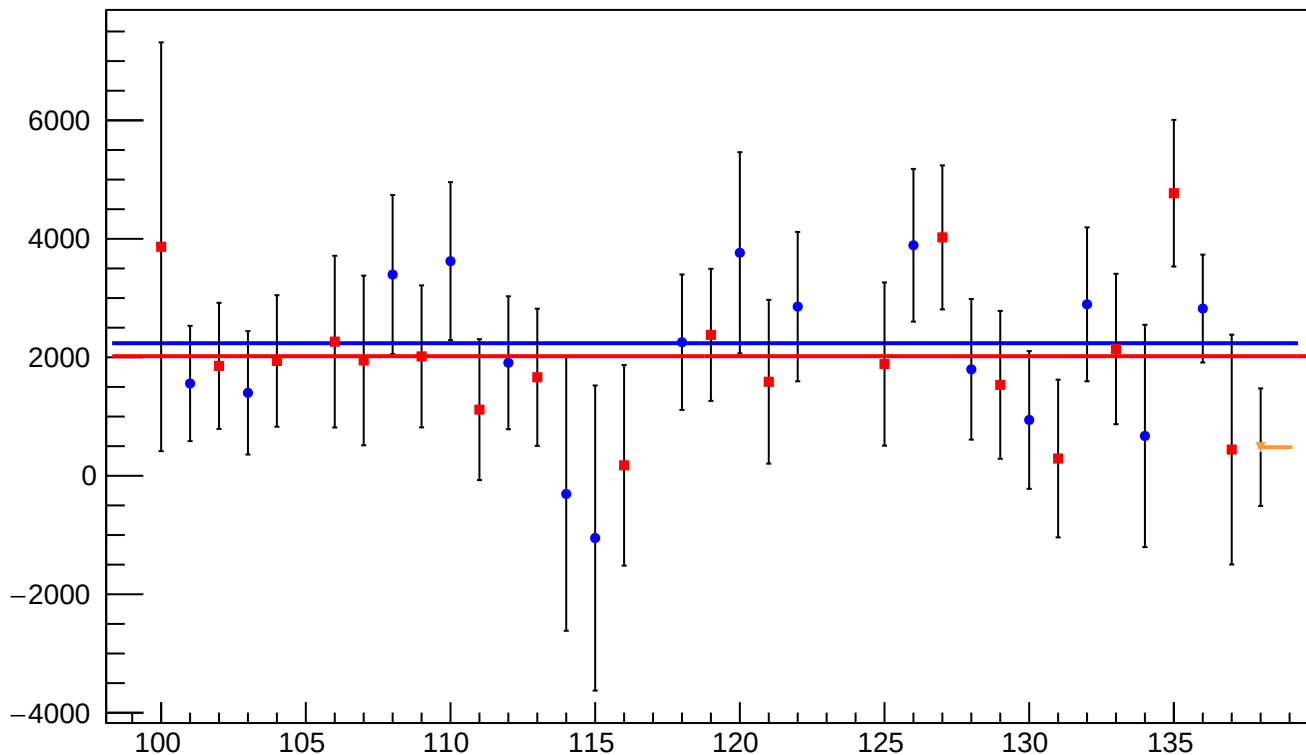


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 483.194+/-992.063

χ^2/NDF : 0.0/0

Right Out: 2018.625+/-308.362

χ^2/NDF : 12.6/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 483.194+/-992.063

χ^2/NDF : 0.0/0

Right: 2126.067+/-220.232

χ^2/NDF : 24.1/33

In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

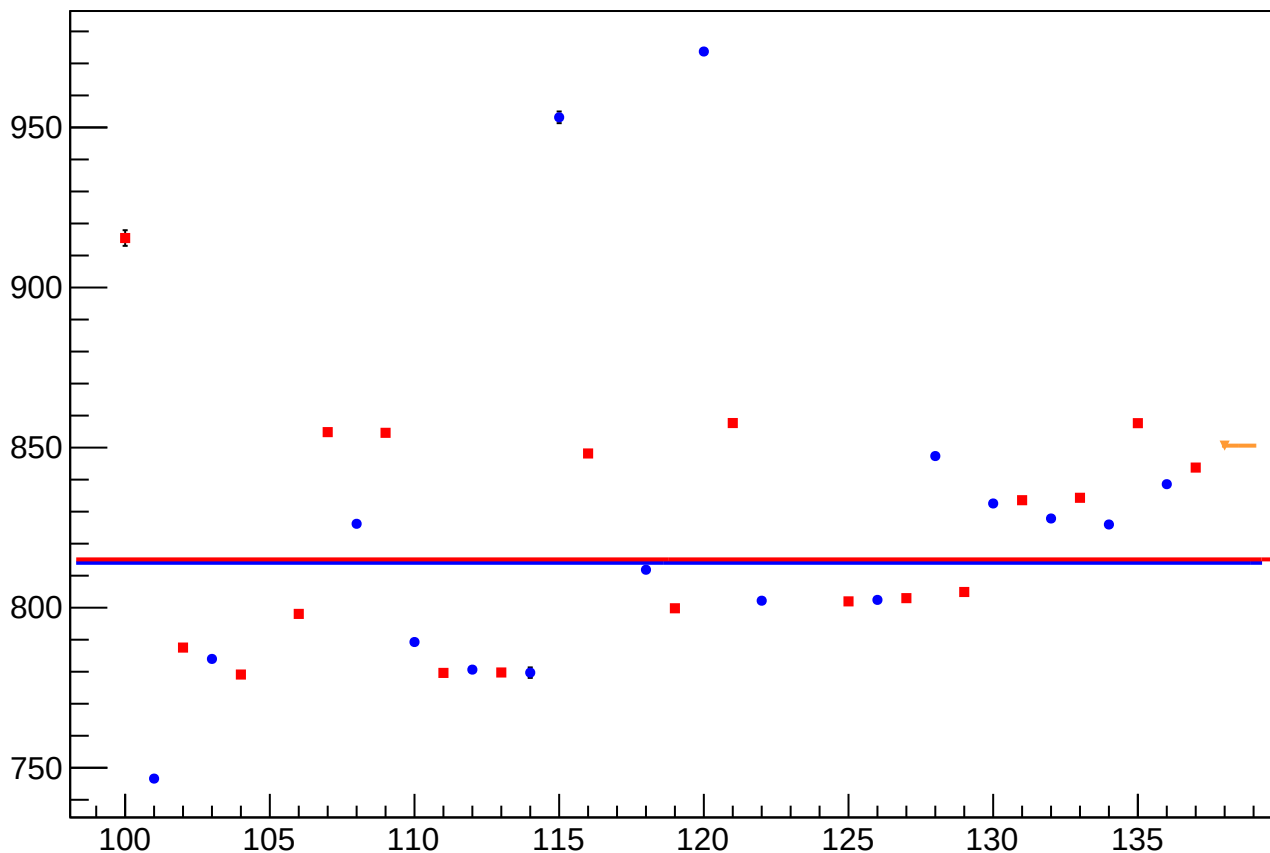
Out: 1883.349+/-294.465

χ^2/NDF : 14.8/18

All: 2048.907+/-214.998

χ^2/NDF : 26.8/34

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 850.617+/-0.701 χ^2/NDF : 0.0/0

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

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

Left: 850.617+/-0.701 χ^2/NDF : 0.0/0

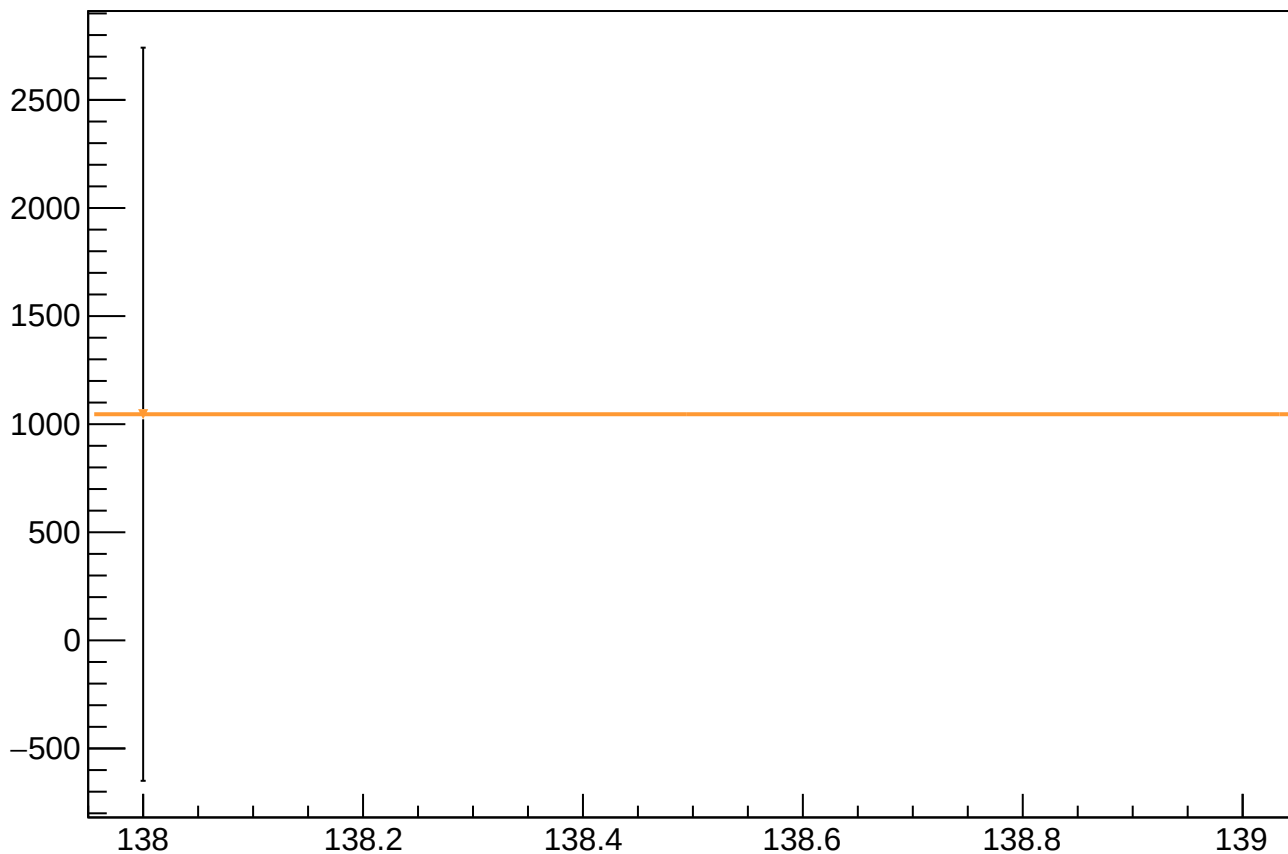
Right: 814.563+/-0.156 χ^2/NDF : 62012.6/33

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

Out: 818.215+/-0.208 χ^2/NDF : 22298.9/18

All: 816.257+/-0.152 χ^2/NDF : 64529.9/34

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1046.022+/-1695.629 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: 1046.022+/-1695.629 χ^2/NDF : 0.0/0

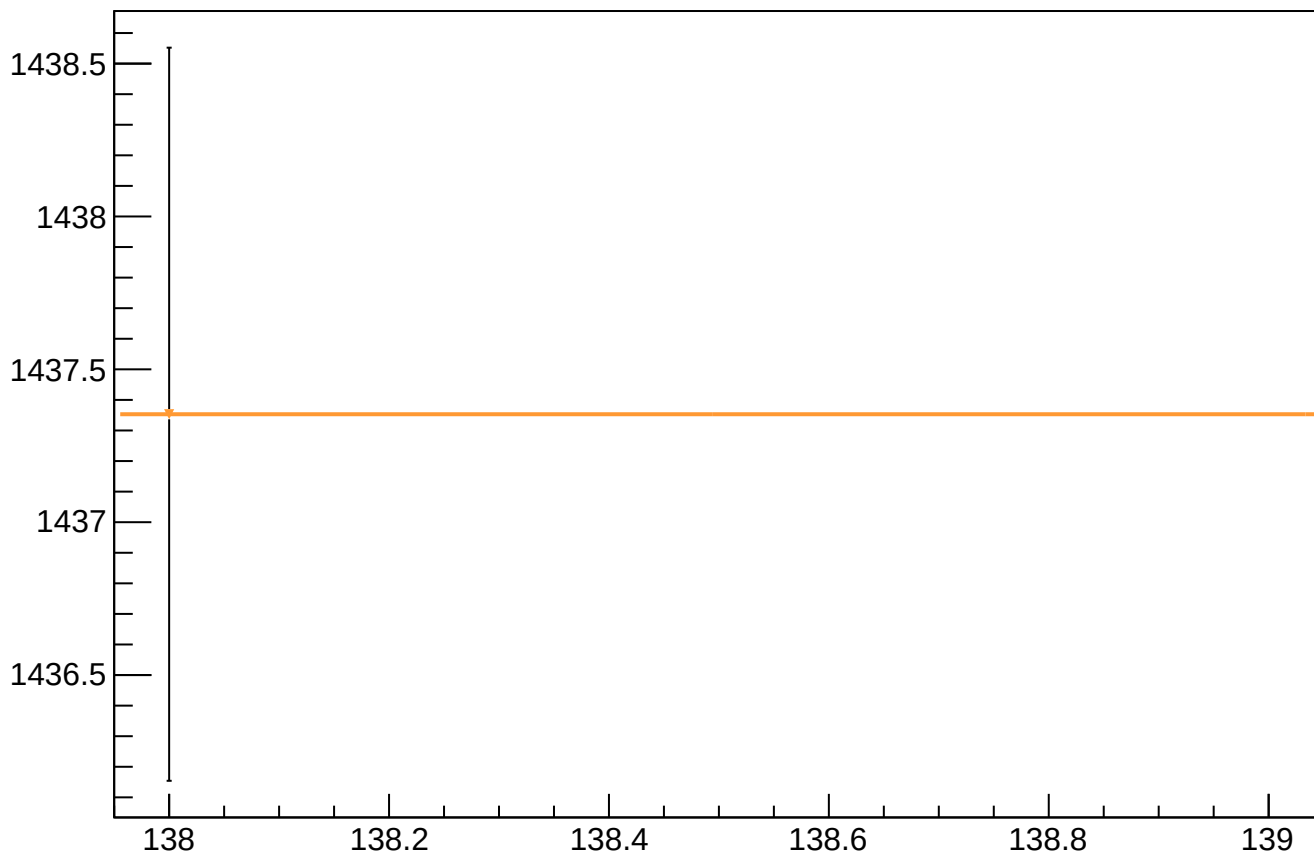
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1046.022+/-1695.629 χ^2/NDF : 0.0/0

All: 1046.022+/-1695.629 χ^2/NDF : 0.0/0

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1437.353+/-1.199 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: 1437.353+/-1.199 χ^2/NDF : 0.0/0

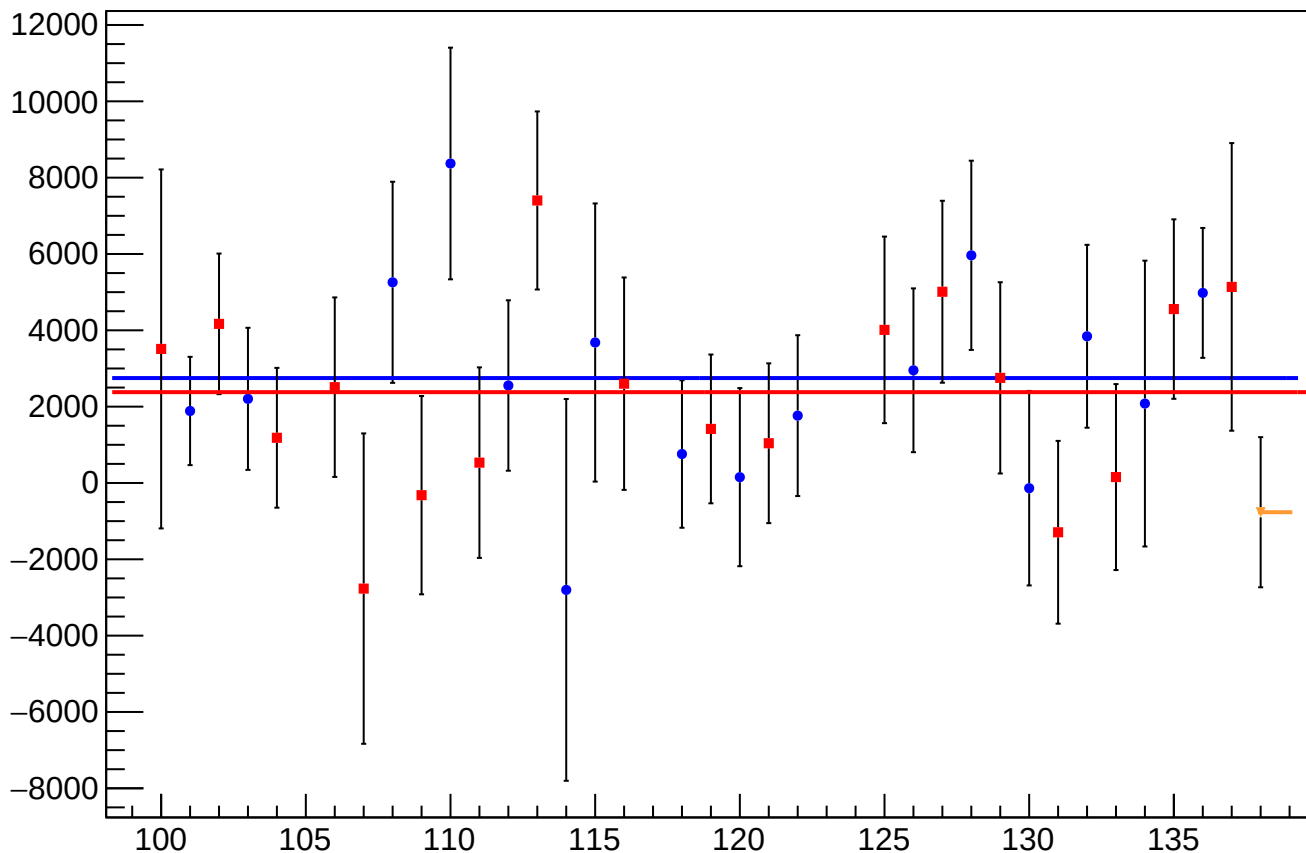
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1437.353+/-1.199 χ^2/NDF : 0.0/0

All: 1437.353+/-1.199 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: -766.254+/-1967.001 χ^2/NDF : 0.0/0

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

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

Left: -766.254+/-1967.001 χ^2/NDF : 0.0/0

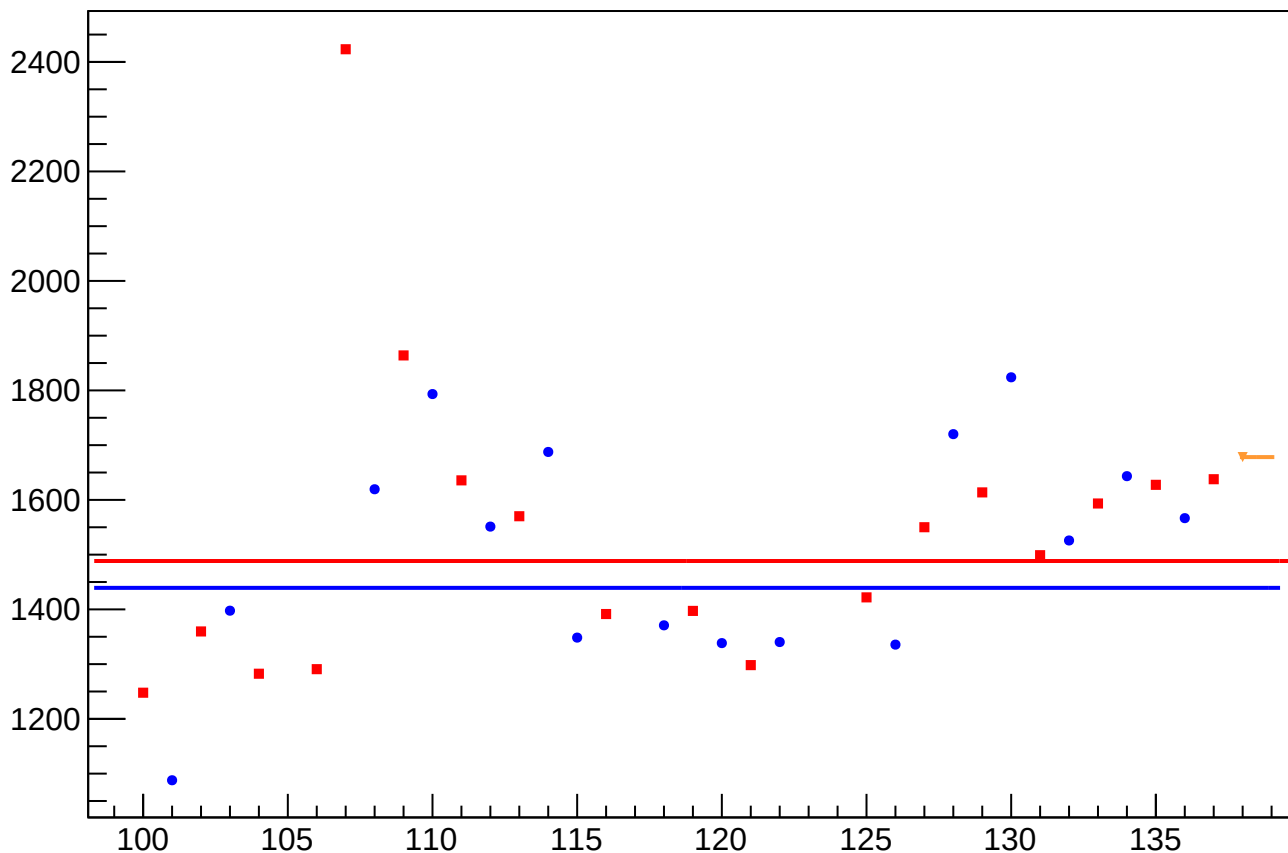
Right: 2566.079+/-400.174 χ^2/NDF : 30.0/33

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

Out: 2136.573+/-546.561 χ^2/NDF : 18.6/18

All: 2433.638+/-392.141 χ^2/NDF : 32.7/34

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1678.197+/-1.391 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 1678.197+/-1.391 χ^2/NDF : 0.0/0

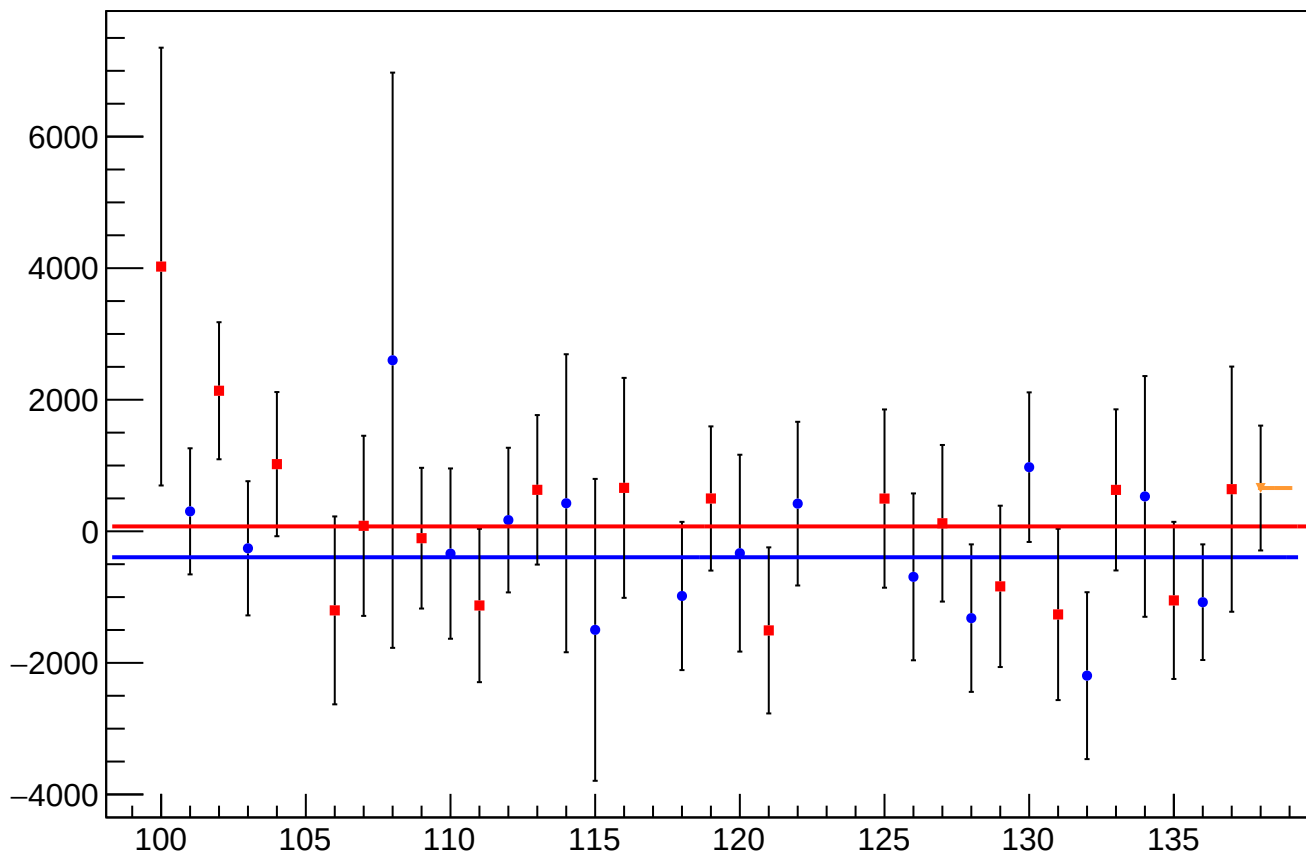
Right: 1463.597+/-0.283 χ^2/NDF : 541697.1/33

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

Out: 1503.039+/-0.386 χ^2/NDF :273510.7/18

All: 1472.126+/-0.277 χ^2/NDF : 564556.6/34

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 657.911 ± 948.884 $\chi^2/\text{NDF}: 0.0/0$

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

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

Left: 657.911 ± 948.884 $\chi^2/\text{NDF}: 0.0/0$

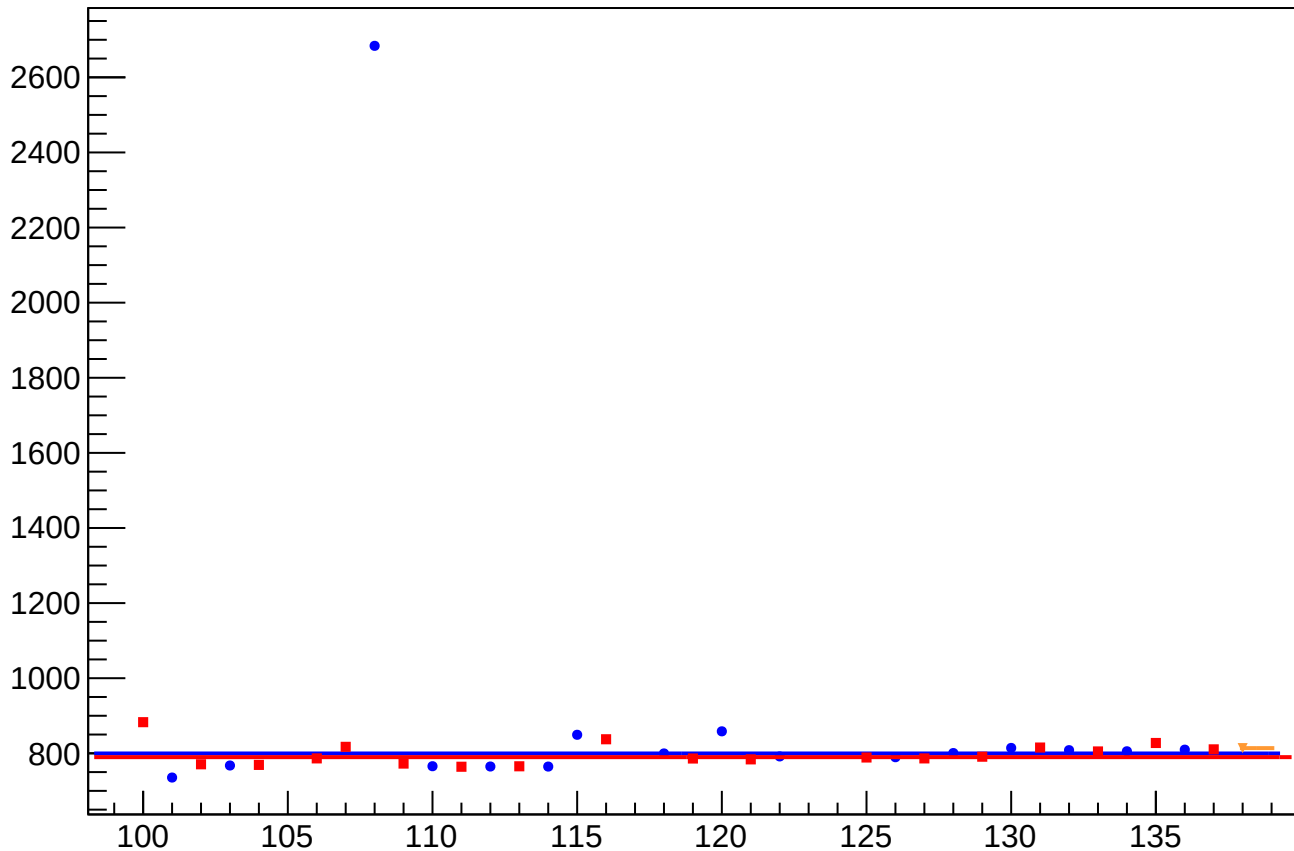
Right: -148.721 ± 216.034 $\chi^2/\text{NDF}: 21.5/33$

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

Out: 126.811 ± 284.655 $\chi^2/\text{NDF}: 13.3/18$

All: -108.970 ± 210.644 $\chi^2/\text{NDF}: 22.2/34$

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 813.792 $\pm$ 0.671 χ^2 /NDF:0.0/0

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

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

Left: 813.792 $\pm$ 0.671 χ^2 /NDF: 0.0/0

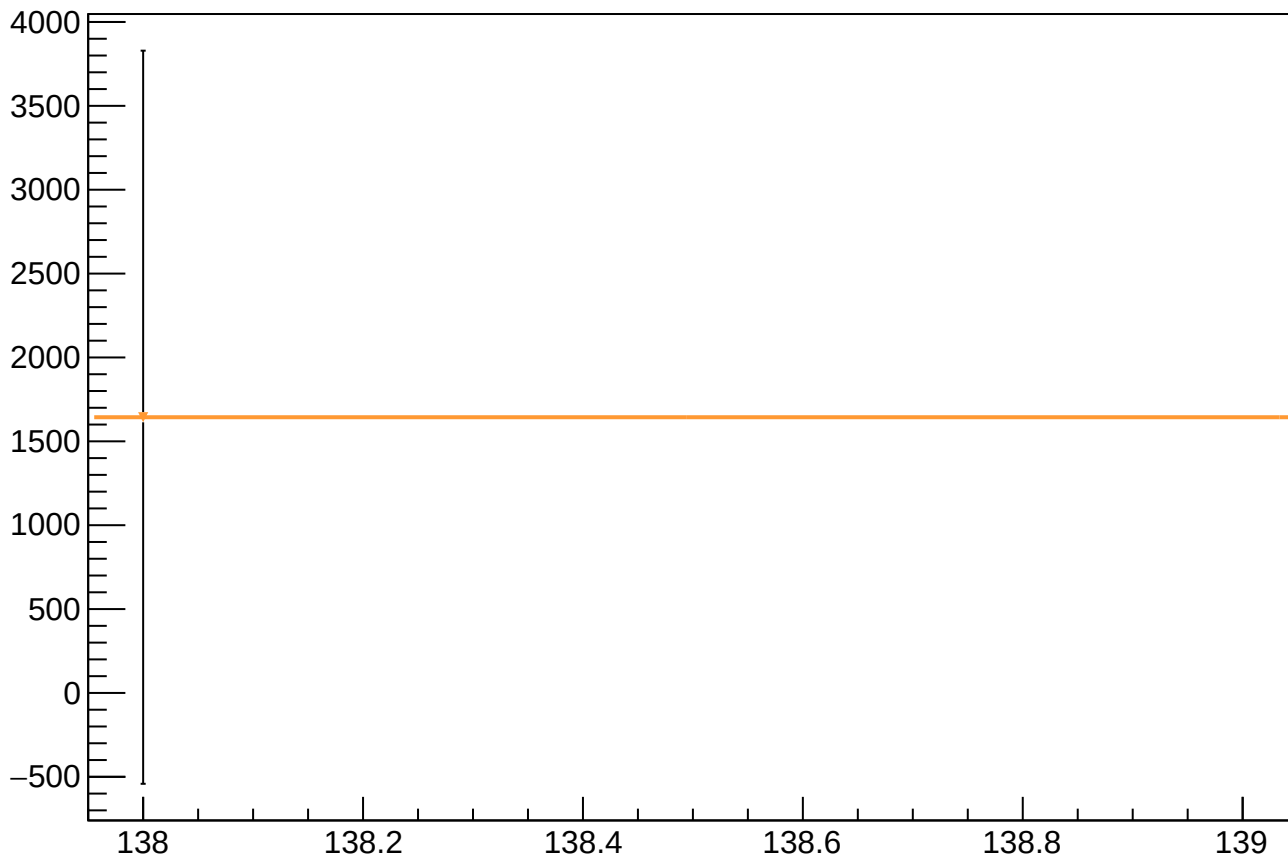
Right: 794.430 $\pm$ 0.153 χ^2 /NDF: 403375.5/33

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

Out: 791.954 $\pm$ 0.201 χ^2 /NDF:12339.1/18

All: 795.384 $\pm$ 0.149 χ^2 /NDF: 404167.2/34

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1643.648+/-2185.293 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: 1643.648+/-2185.293 χ^2/NDF : 0.0/0

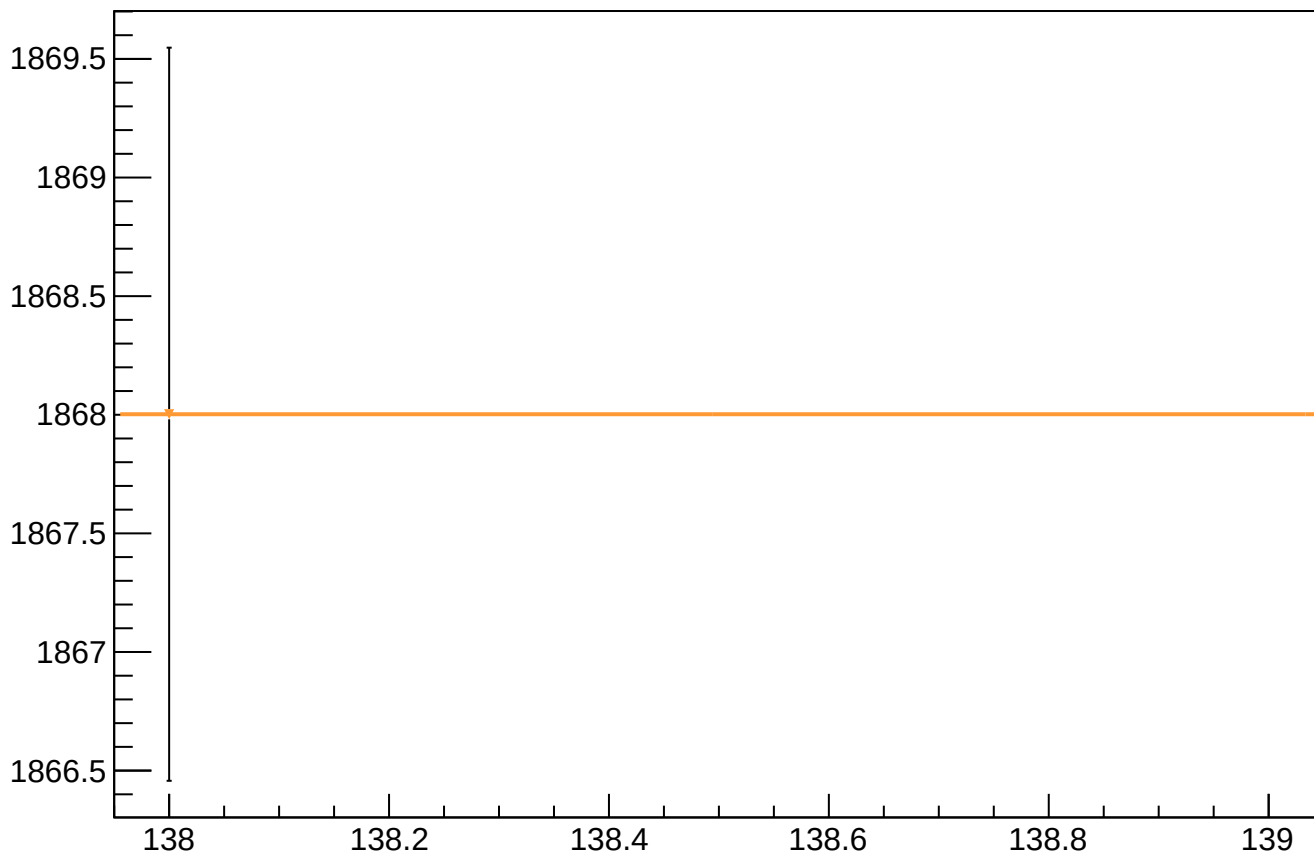
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1643.648+/-2185.293 χ^2/NDF : 0.0/0

All: 1643.648+/-2185.293 χ^2/NDF : 0.0/0

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1868.002+/-1.545 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: 1868.002+/-1.545 χ^2/NDF : 0.0/0

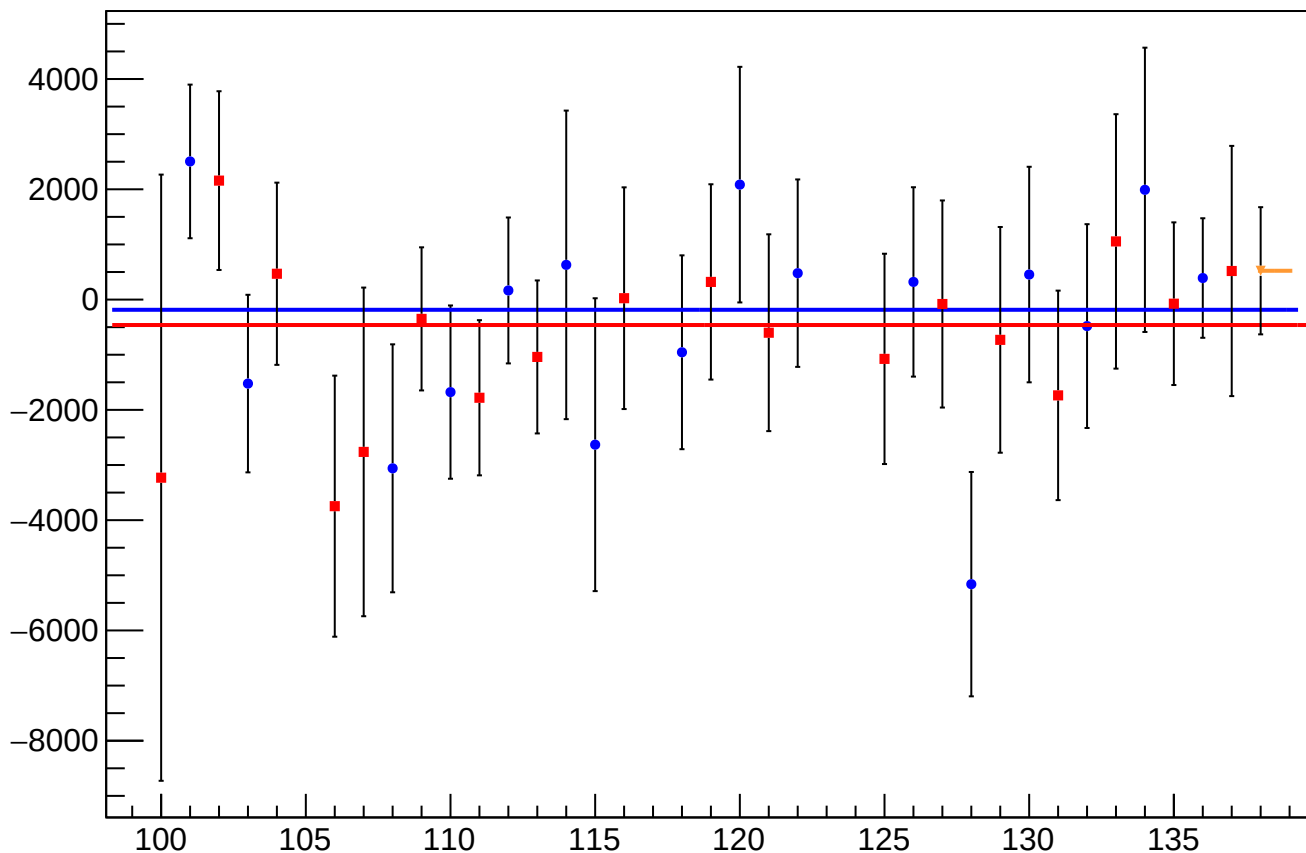
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1868.002+/-1.545 χ^2/NDF : 0.0/0

All: 1868.002+/-1.545 χ^2/NDF : 0.0/0

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 522.542+/-1153.190 χ^2/NDF : 0.0/0

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

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

Left: 522.542+/-1153.190 χ^2/NDF : 0.0/0

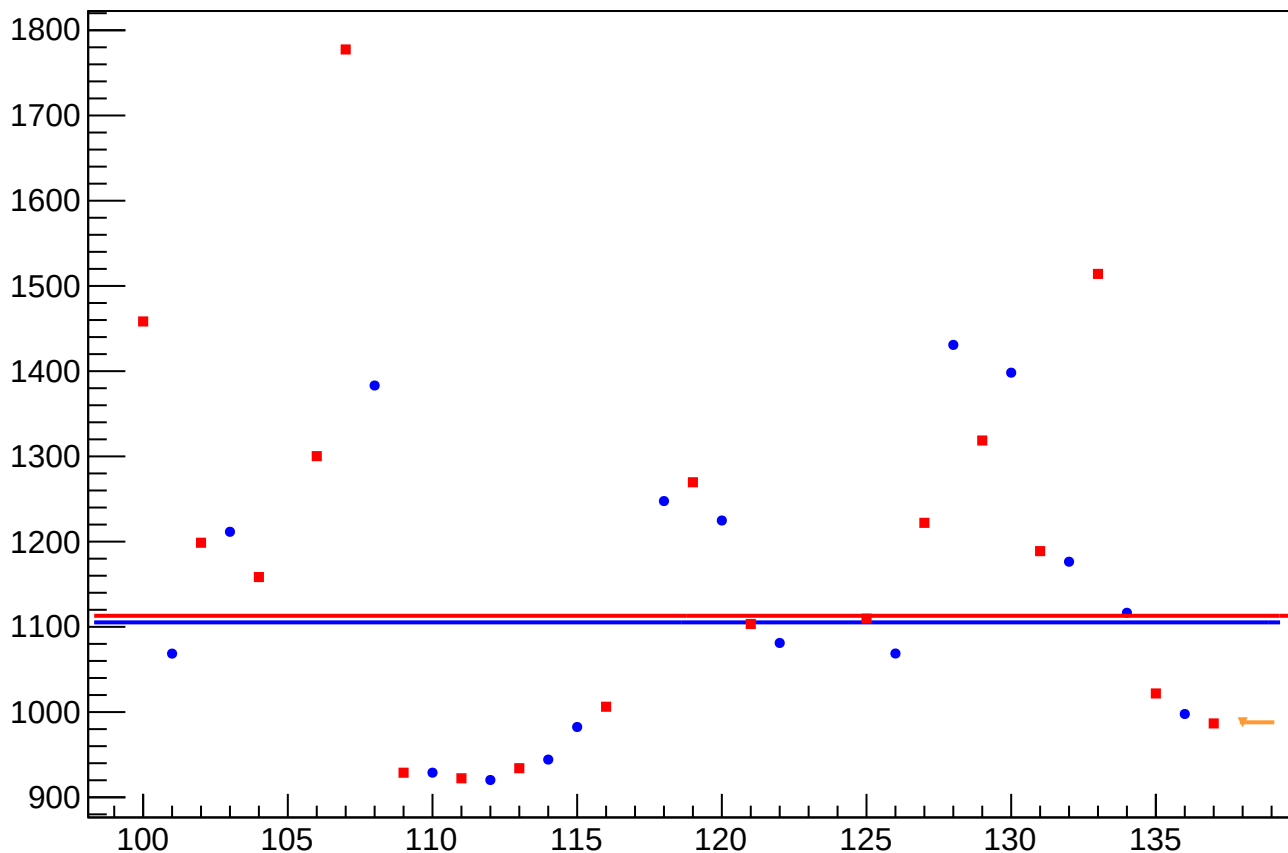
Right: -324.625+/-303.483 χ^2/NDF : 25.2/33

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

Out: -342.672+/-400.366 χ^2/NDF : 9.0/18

All: -269.753+/-293.490 χ^2/NDF : 25.7/34

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 987.980+/-0.815 χ^2/NDF : 0.0/0

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

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

Left: 987.980+/-0.815 χ^2/NDF : 0.0/0

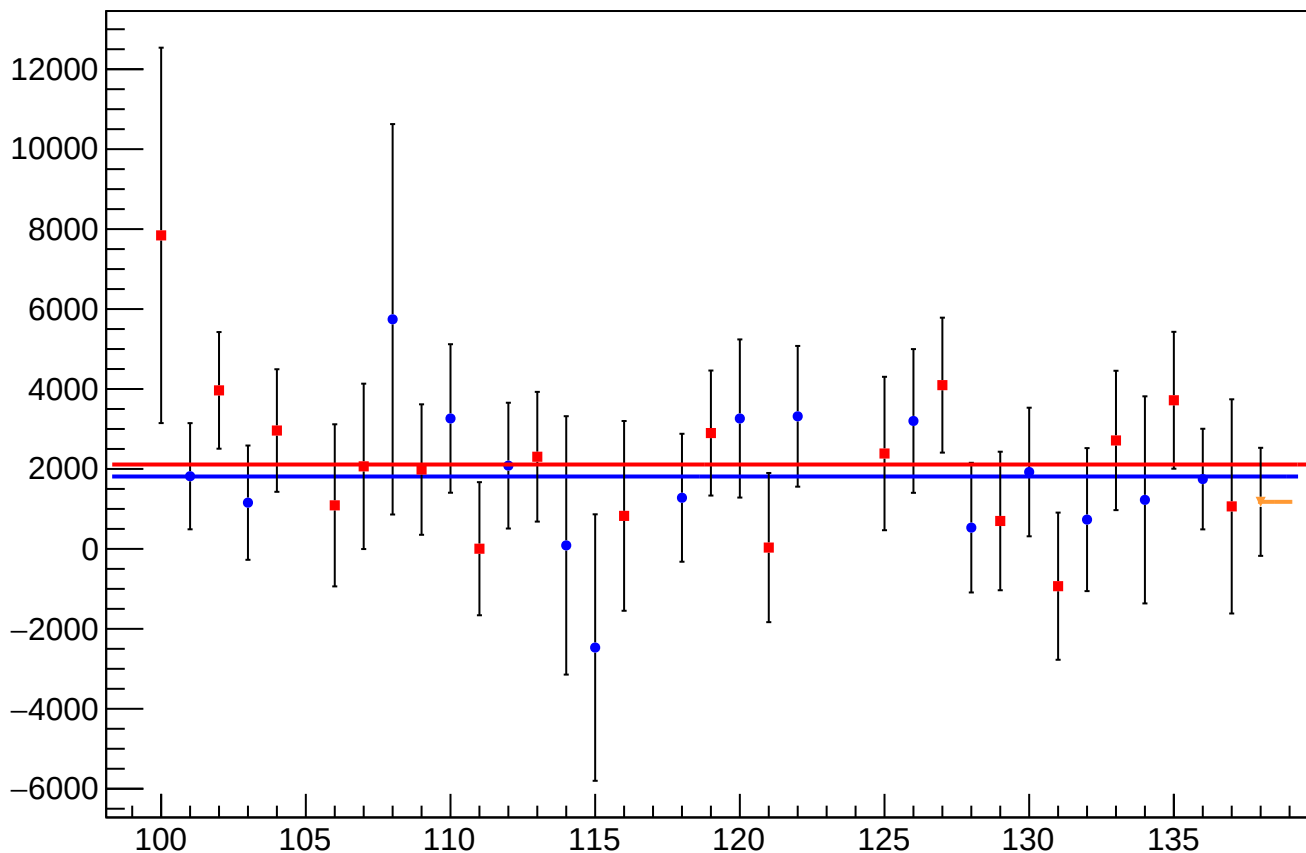
Right: 1109.146+/-0.215 χ^2/NDF : 618686.6/33

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

Out: 1097.908+/-0.283 χ^2/NDF : 383660.1/18

All: 1101.298+/-0.208 χ^2/NDF : 639336.2/34

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1177.284+/-1351.582 χ^2/NDF : 0.0/0

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

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

Left: 1177.284+/-1351.582 χ^2/NDF : 0.0/0

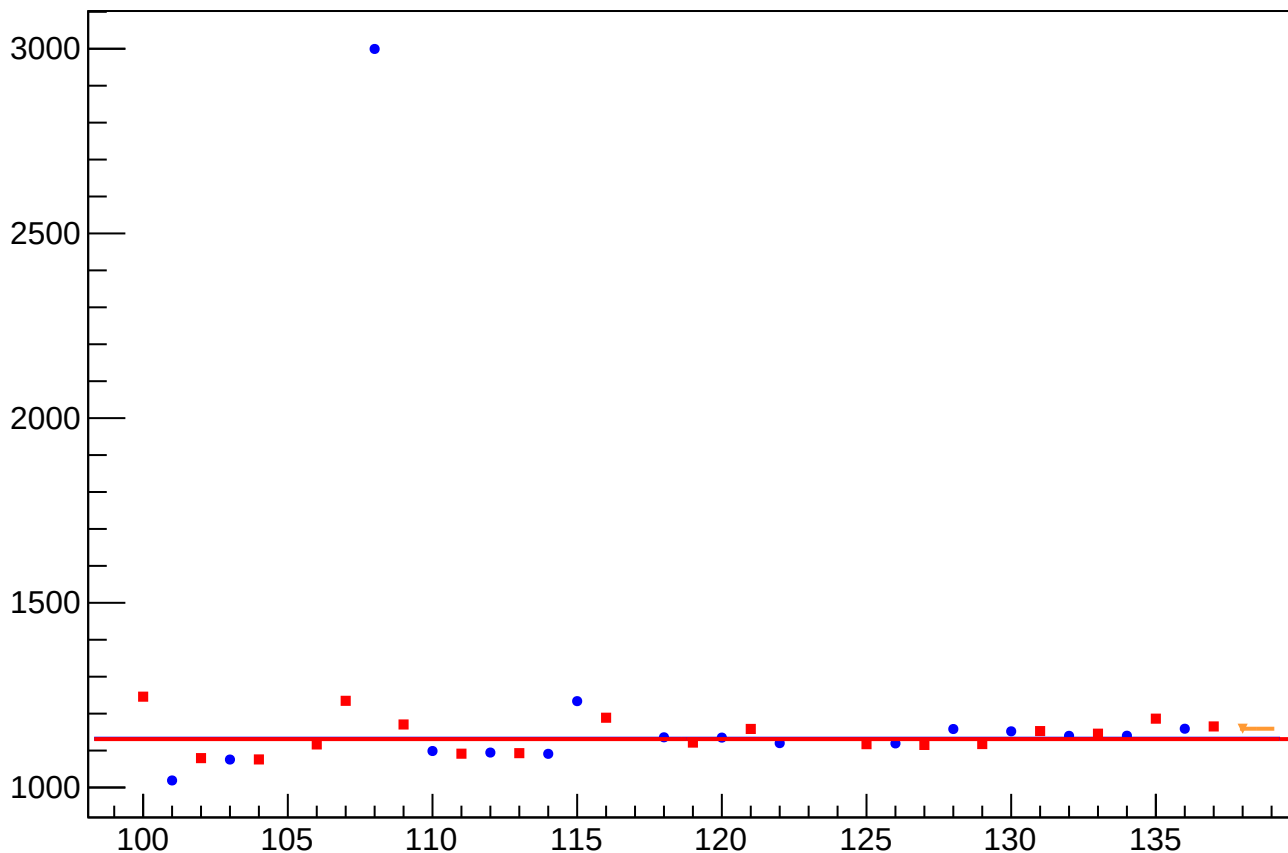
Right: 1966.016+/-307.400 χ^2/NDF : 19.7/33

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

Out: 2026.023+/-407.750 χ^2/NDF : 13.5/18

All: 1927.223+/-299.745 χ^2/NDF : 20.0/34

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1159.140+/-0.956 χ^2/NDF : 0.0/0

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

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

Left: 1159.140+/-0.956 χ^2/NDF : 0.0/0

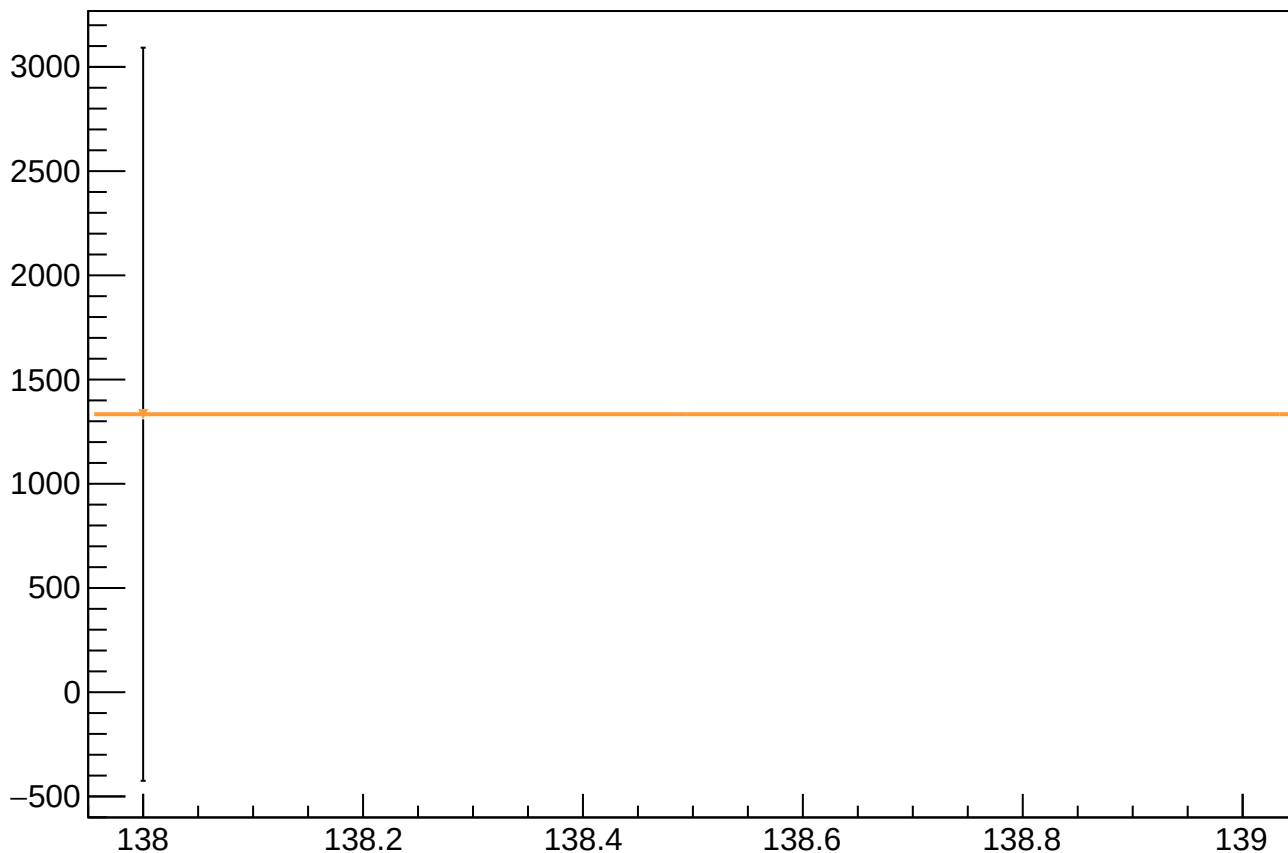
Right: 1131.528+/-0.217 χ^2/NDF : 335751.3/33

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

Out: 1133.576+/-0.288 χ^2/NDF : 20506.2/18

All: 1132.886+/-0.212 χ^2/NDF : 336545.0/34

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 1333.676+/-1758.646 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: 1333.676+/-1758.646 χ^2/NDF : 0.0/0

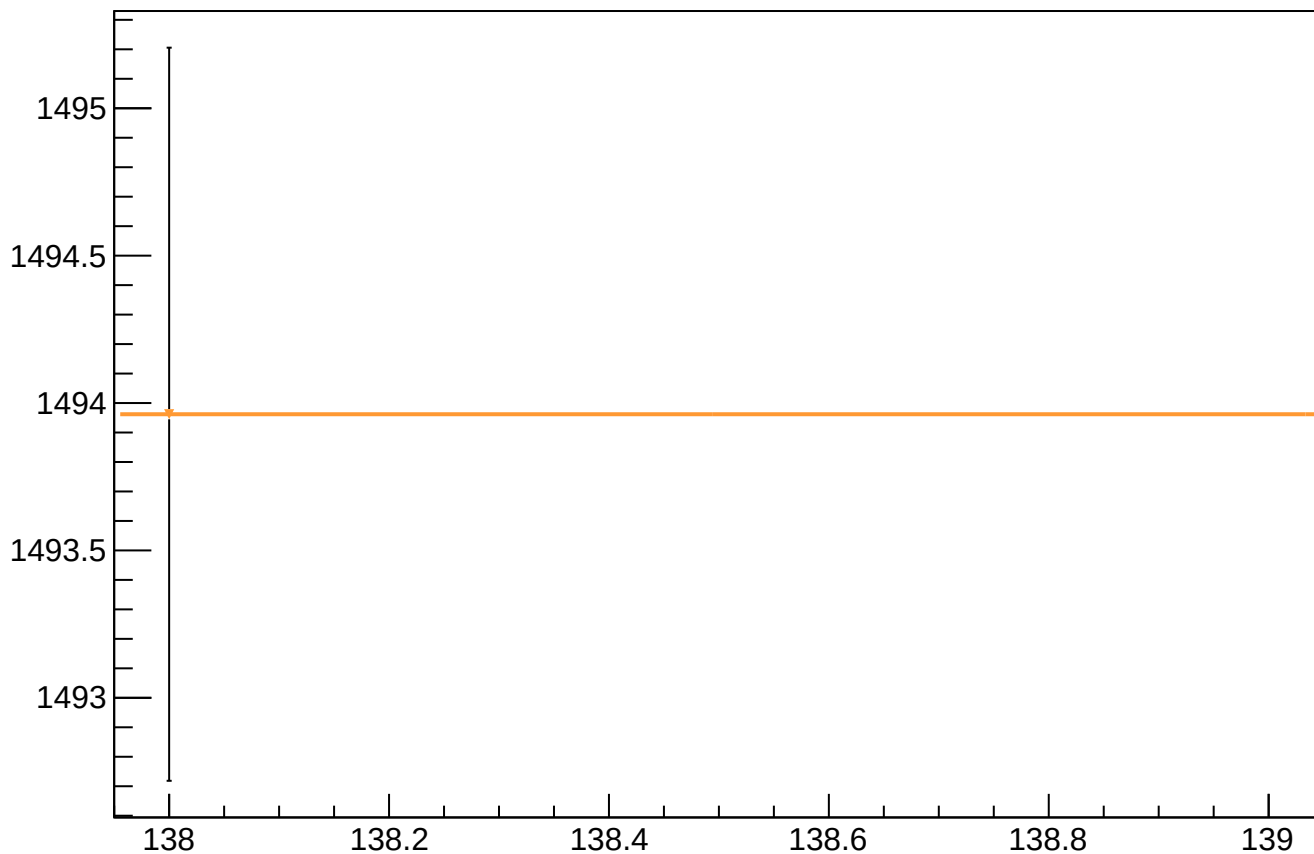
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1333.676+/-1758.646 χ^2/NDF : 0.0/0

All: 1333.676+/-1758.646 χ^2/NDF : 0.0/0

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1493.962+/-1.244 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: 1493.962+/-1.244 χ^2/NDF : 0.0/0

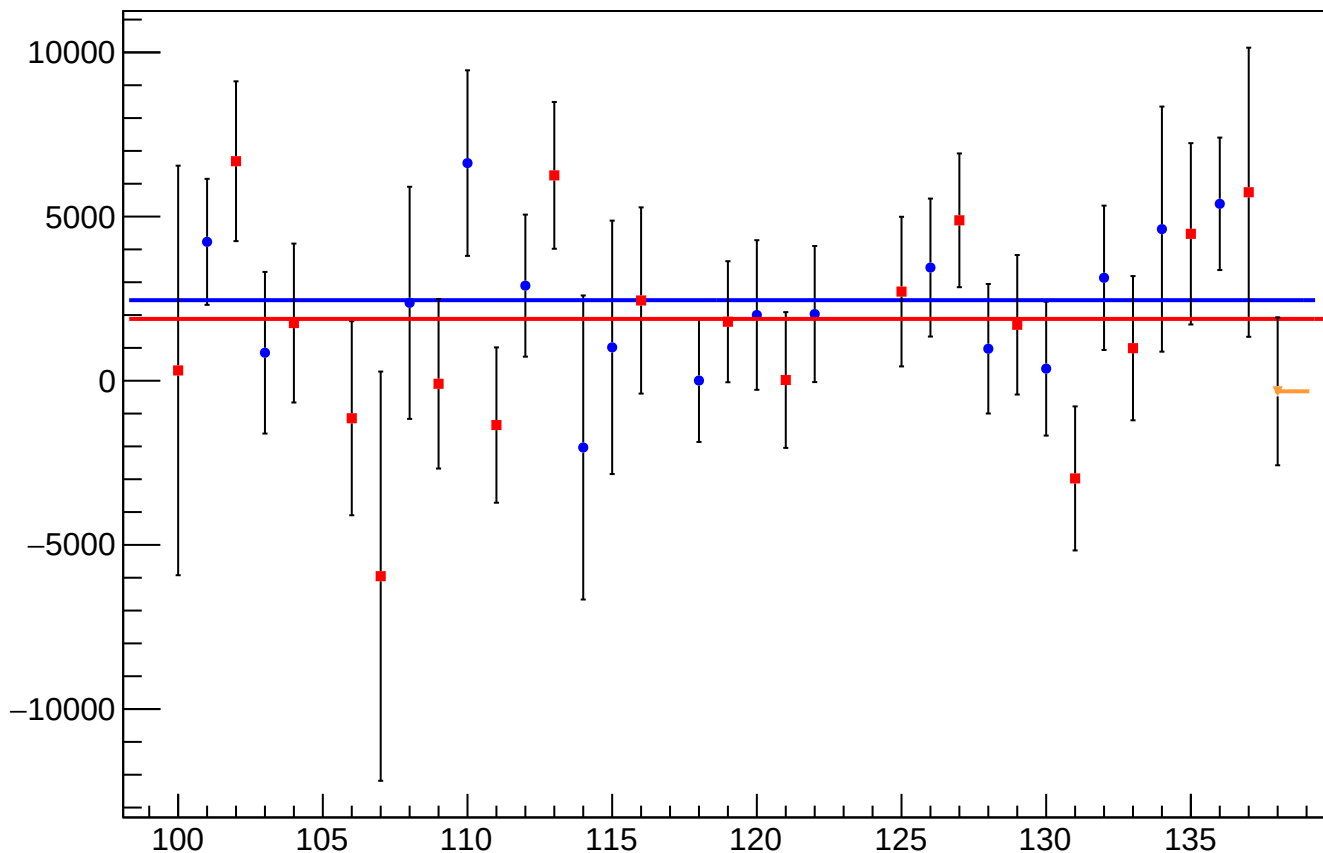
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1493.962+/-1.244 χ^2/NDF : 0.0/0

All: 1493.962+/-1.244 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: -322.274+/-2252.714 χ^2/NDF : 0.0/0

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

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

Left: -322.274+/-2252.714 χ^2/NDF : 0.0/0

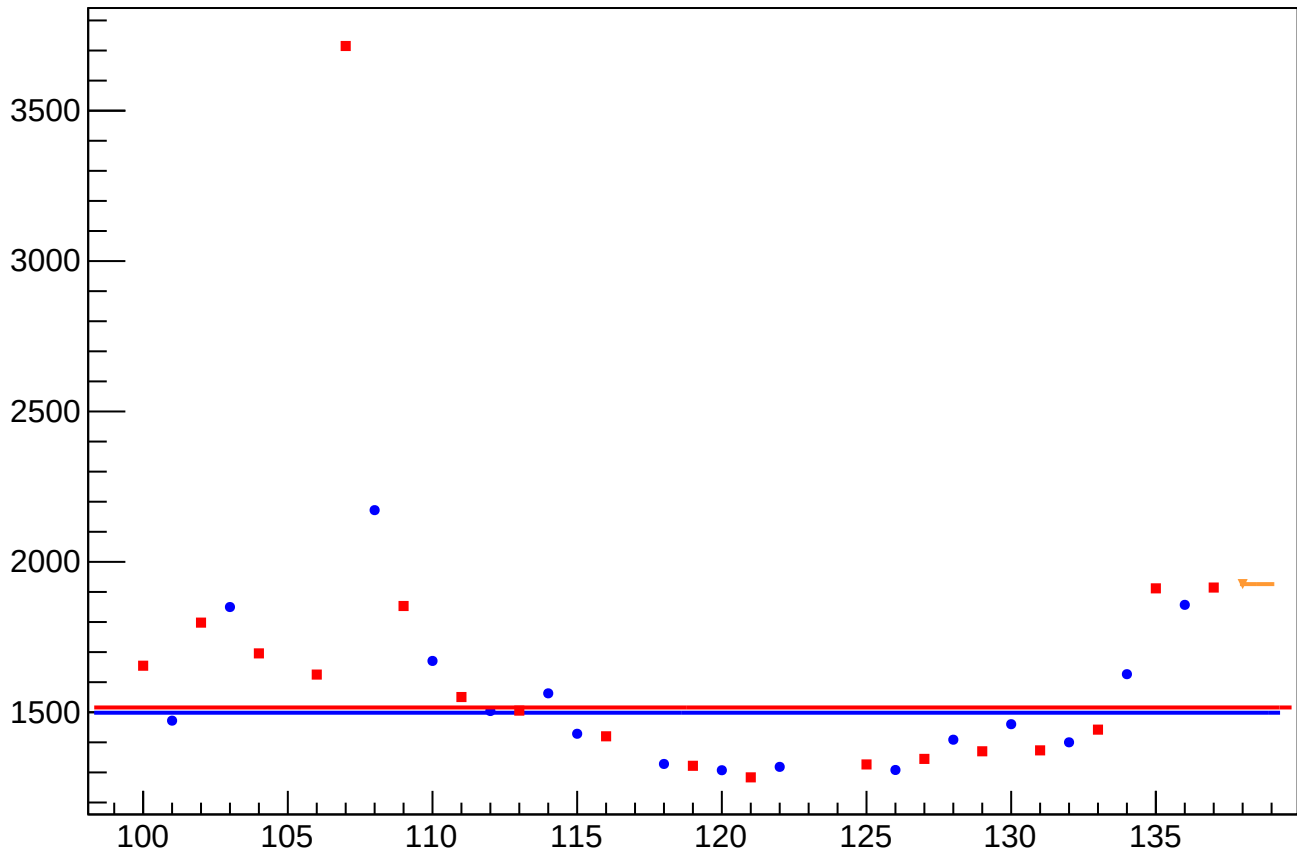
Right: 2167.665+/-412.771 χ^2/NDF : 34.0/33

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

Out: 1744.256+/-564.576 χ^2/NDF : 23.6/18

All: 2086.783+/-406.012 χ^2/NDF : 35.2/34

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1926.067+/-1.593 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 1926.067+/-1.593 χ^2/NDF : 0.0/0

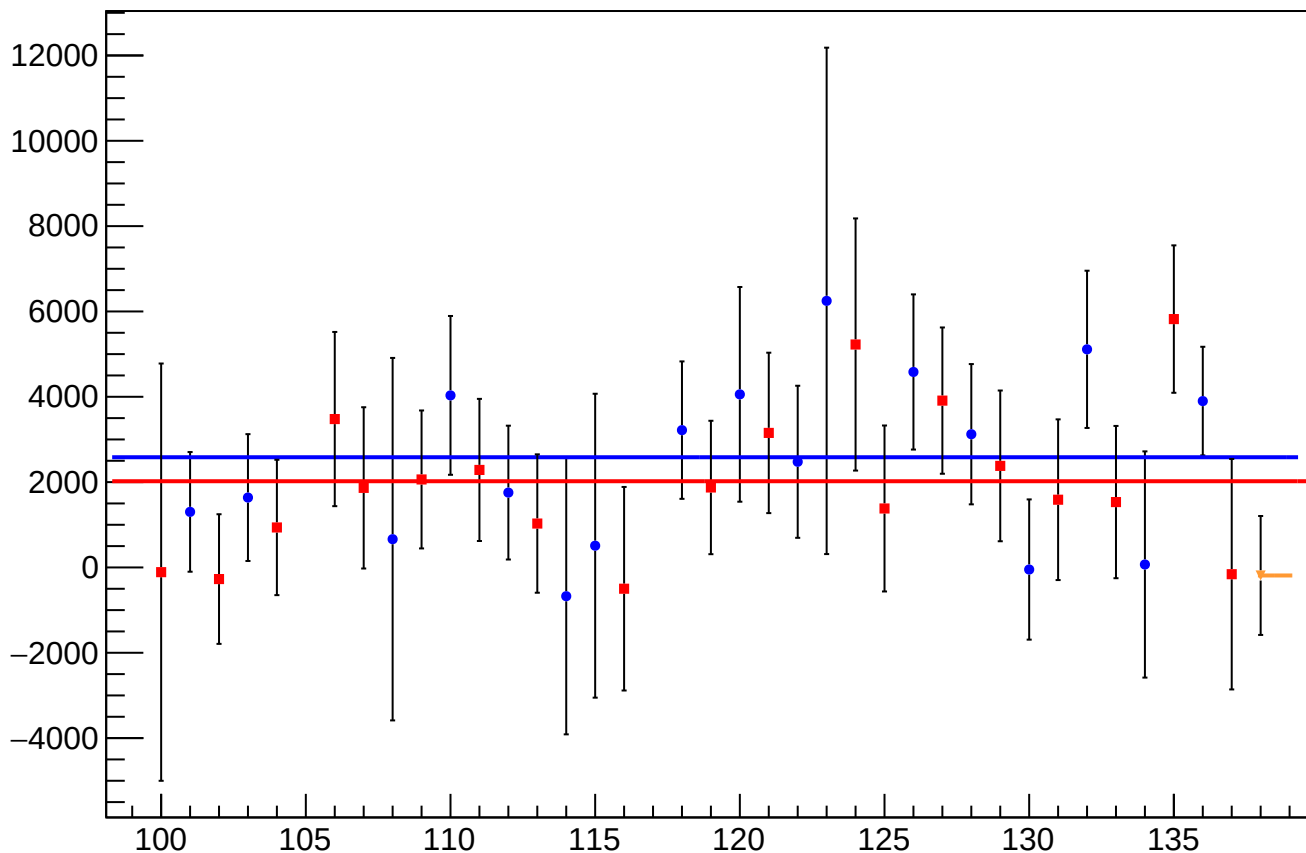
Right: 1507.233+/-0.292 χ^2/NDF : 740243.9/33

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

Out: 1541.708+/-0.399 χ^2/NDF :542666.0/18

All: 1520.839+/-0.287 χ^2/NDF : 807133.6/34

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -188.321 $\pm$ 1393.795 χ^2 /NDF:0.0/0

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

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

Left: -188.321 $\pm$ 1393.795 χ^2 /NDF: 0.0/0

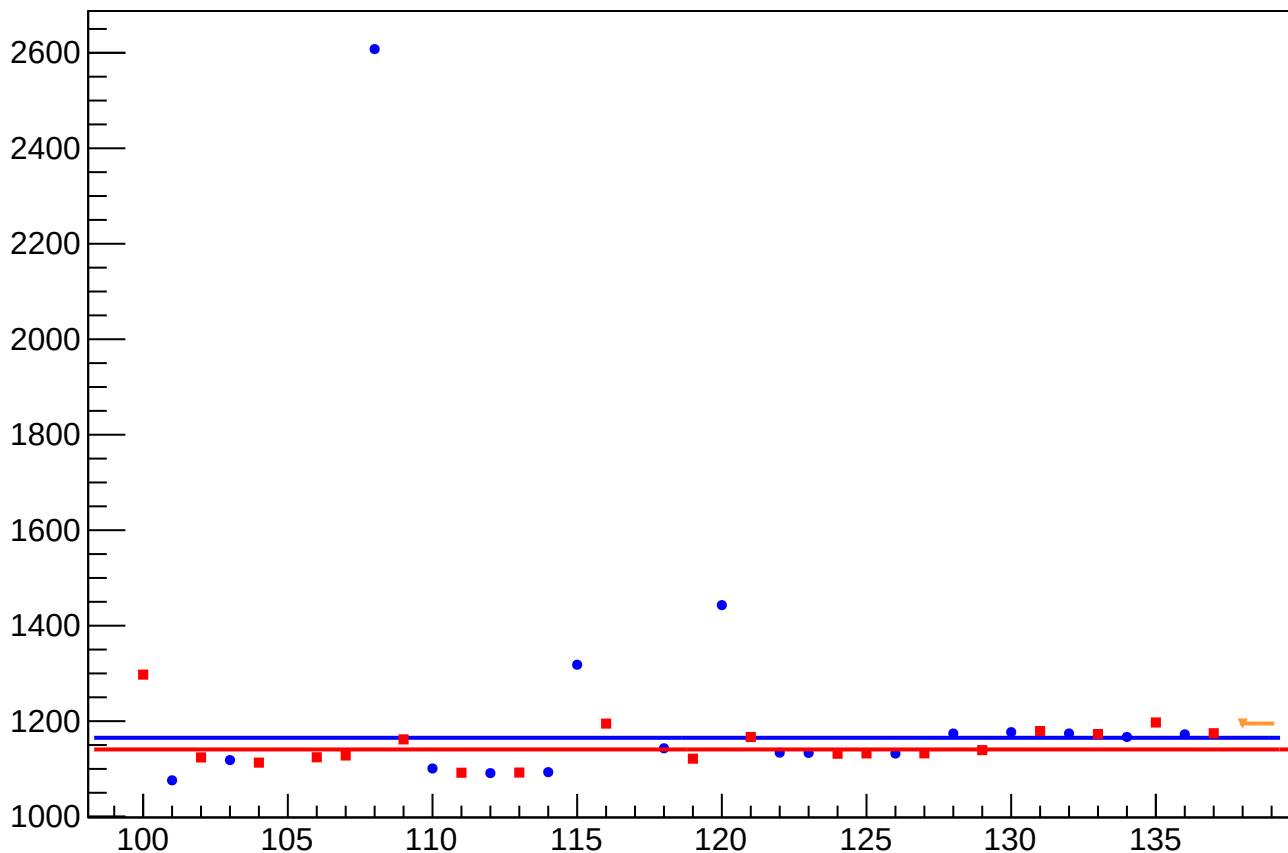
Right: 2284.984 $\pm$ 310.688 χ^2 /NDF: 26.6/35

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

Out: 1831.391 $\pm$ 408.057 χ^2 /NDF:15.8/19

All: 2167.908 $\pm$ 303.246 χ^2 /NDF: 29.6/36

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1195.104+/-0.986 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 1195.104+/-0.986 χ^2/NDF : 0.0/0

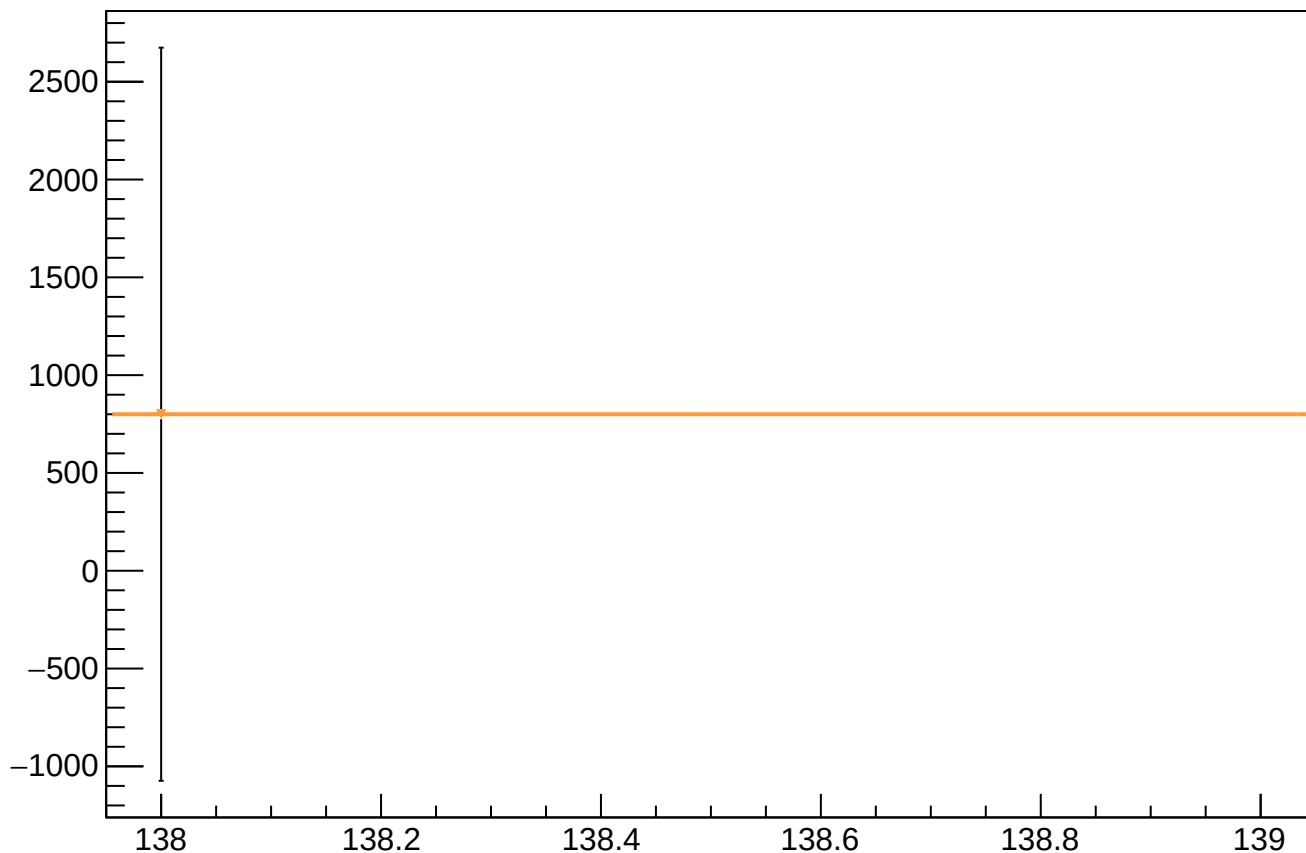
Right: 1152.217+/-0.220 χ^2/NDF : 294359.2/35

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

Out: 1145.411+/-0.289 χ^2/NDF :15498.3/19

All: 1154.247+/-0.214 χ^2/NDF : 296163.1/36

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 800.138+/-1874.034 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: 800.138+/-1874.034 χ^2/NDF : 0.0/0

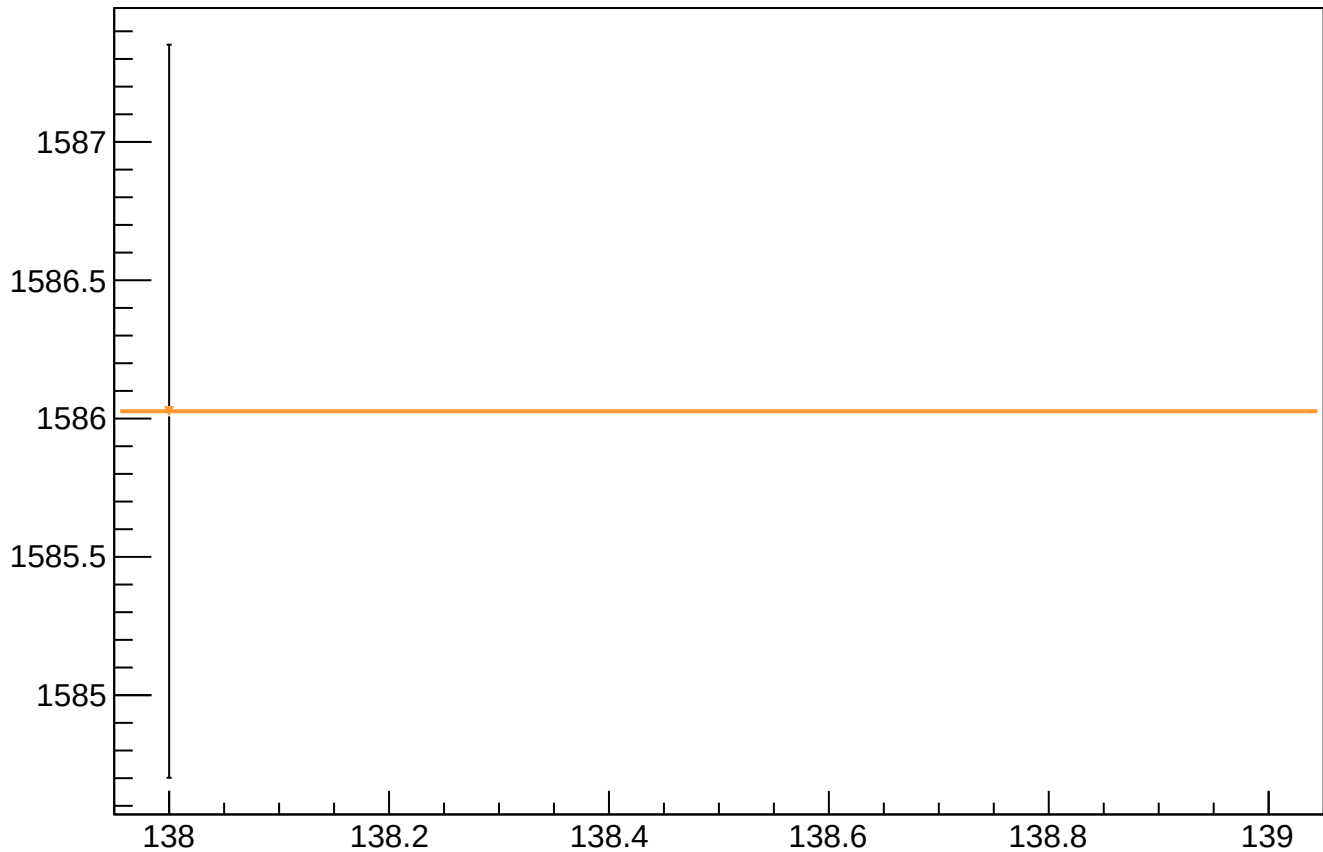
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 800.138+/-1874.034 χ^2/NDF : 0.0/0

All: 800.138+/-1874.034 χ^2/NDF : 0.0/0

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1586.027+/-1.325 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: 1586.027+/-1.325 χ^2/NDF : 0.0/0

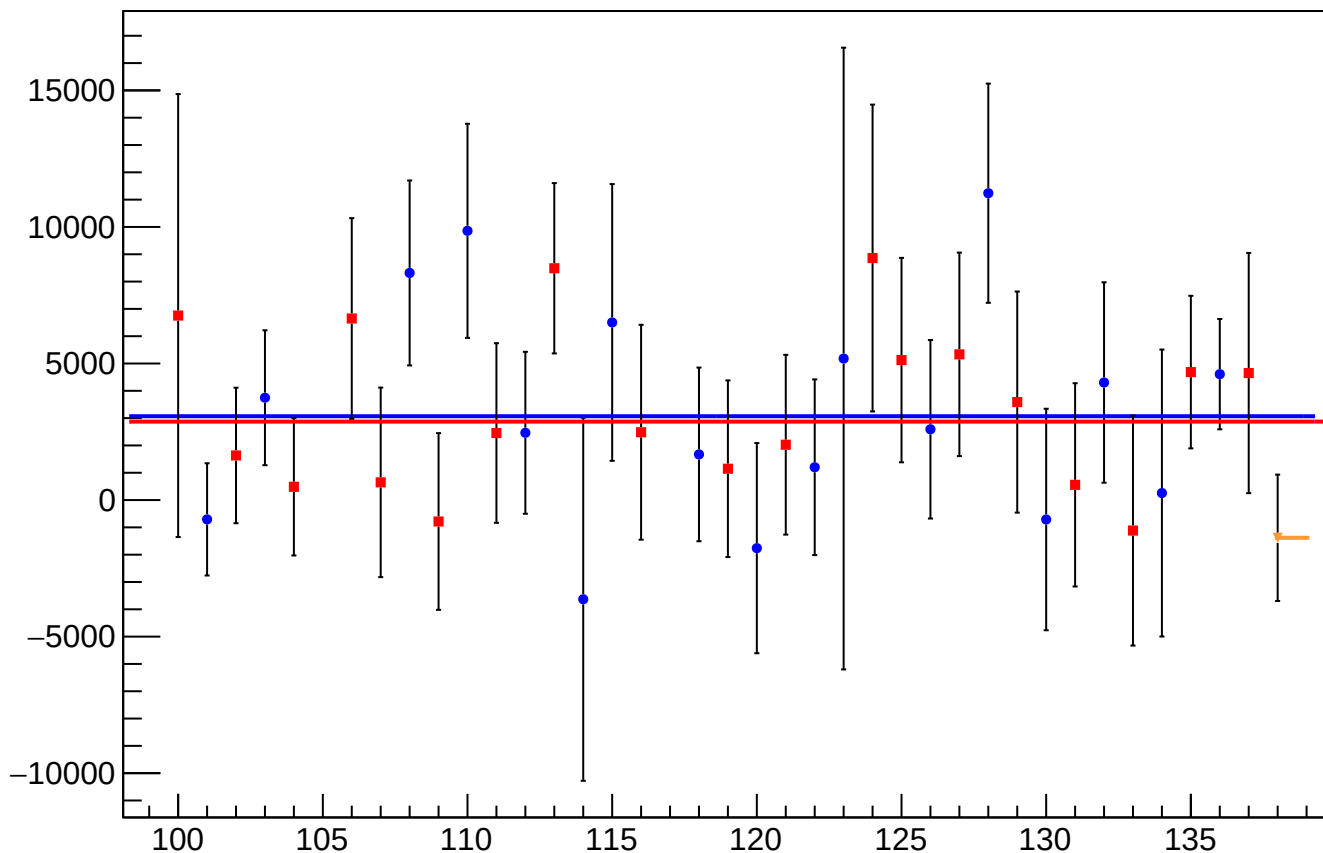
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1586.027+/-1.325 χ^2/NDF : 0.0/0

All: 1586.027+/-1.325 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -1381.563+/-2313.008 χ^2/NDF : 0.0/0

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

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

Left: -1381.563+/-2313.008 χ^2/NDF : 0.0/0

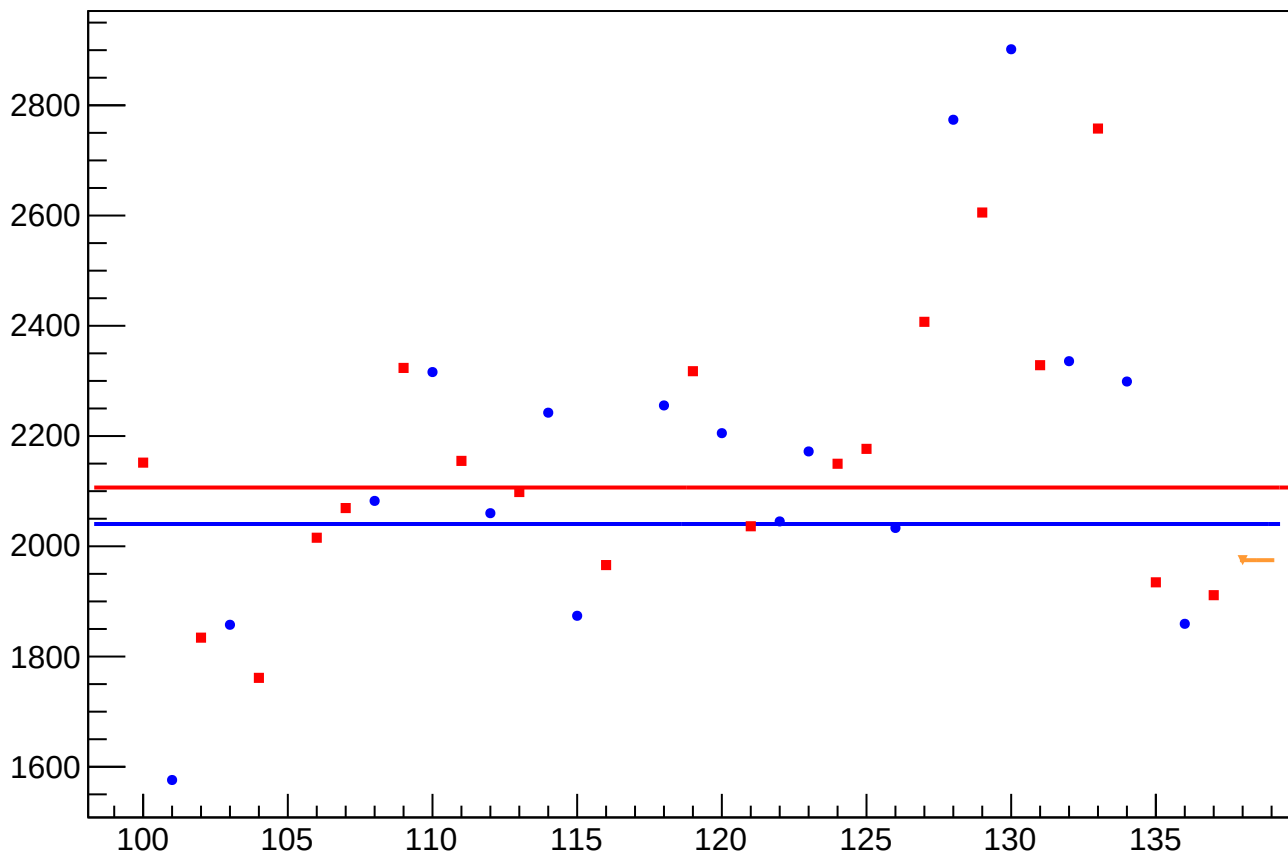
Right: 2970.754+/-563.242 χ^2/NDF : 30.1/35

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

Out: 2422.788+/-752.128 χ^2/NDF : 14.6/19

All: 2727.120+/-547.250 χ^2/NDF : 33.5/36

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1974.816+/-1.636 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 1974.816+/-1.636 χ^2/NDF : 0.0/0

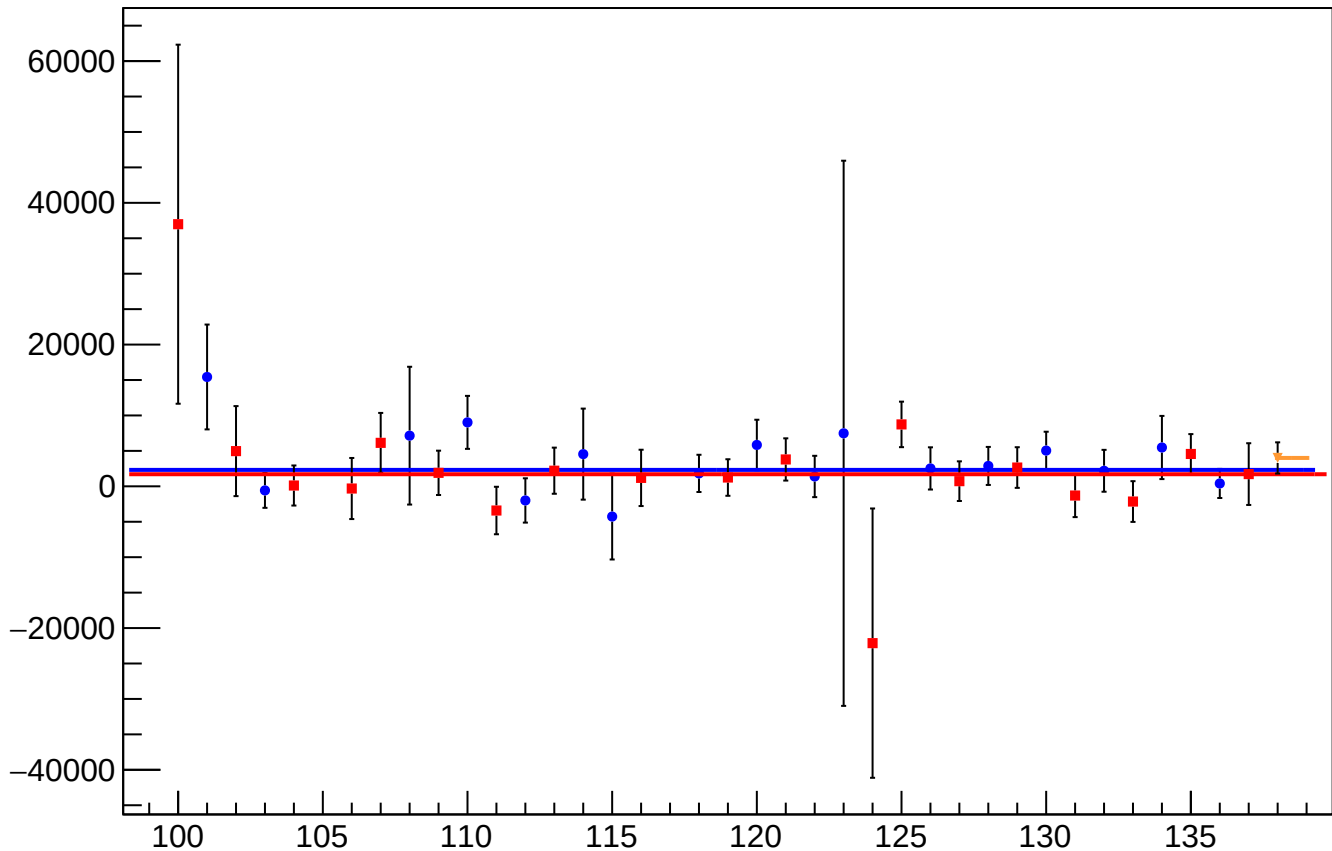
Right: 2073.628+/-0.398 χ^2/NDF : 533659.8/35

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

Out: 2092.687+/-0.532 χ^2/NDF :201222.9/19

All: 2068.096+/-0.387 χ^2/NDF : 537105.5/36

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 4005.357 $\pm$ 2200.794 χ^2 /NDF:0.0/0

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

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

Left: 4005.357 $\pm$ 2200.794 χ^2 /NDF: 0.0/0

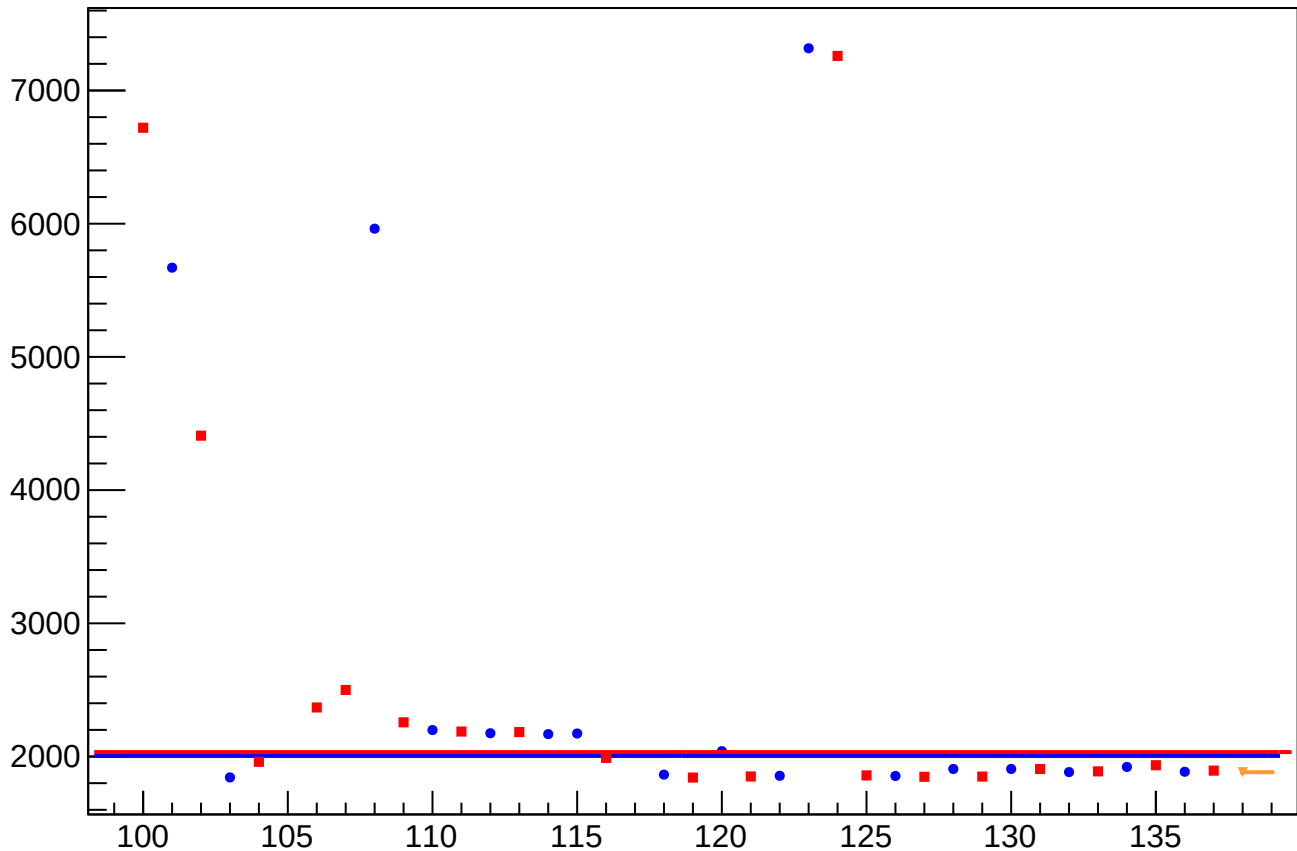
Right: 2005.073 $\pm$ 560.015 χ^2 /NDF: 32.3/35

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

Out: 1963.824 $\pm$ 737.574 χ^2 /NDF:18.1/19

All: 2126.716 $\pm$ 542.720 χ^2 /NDF: 33.0/36

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1882.375+/-1.556 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 1882.375+/-1.556 χ^2/NDF : 0.0/0

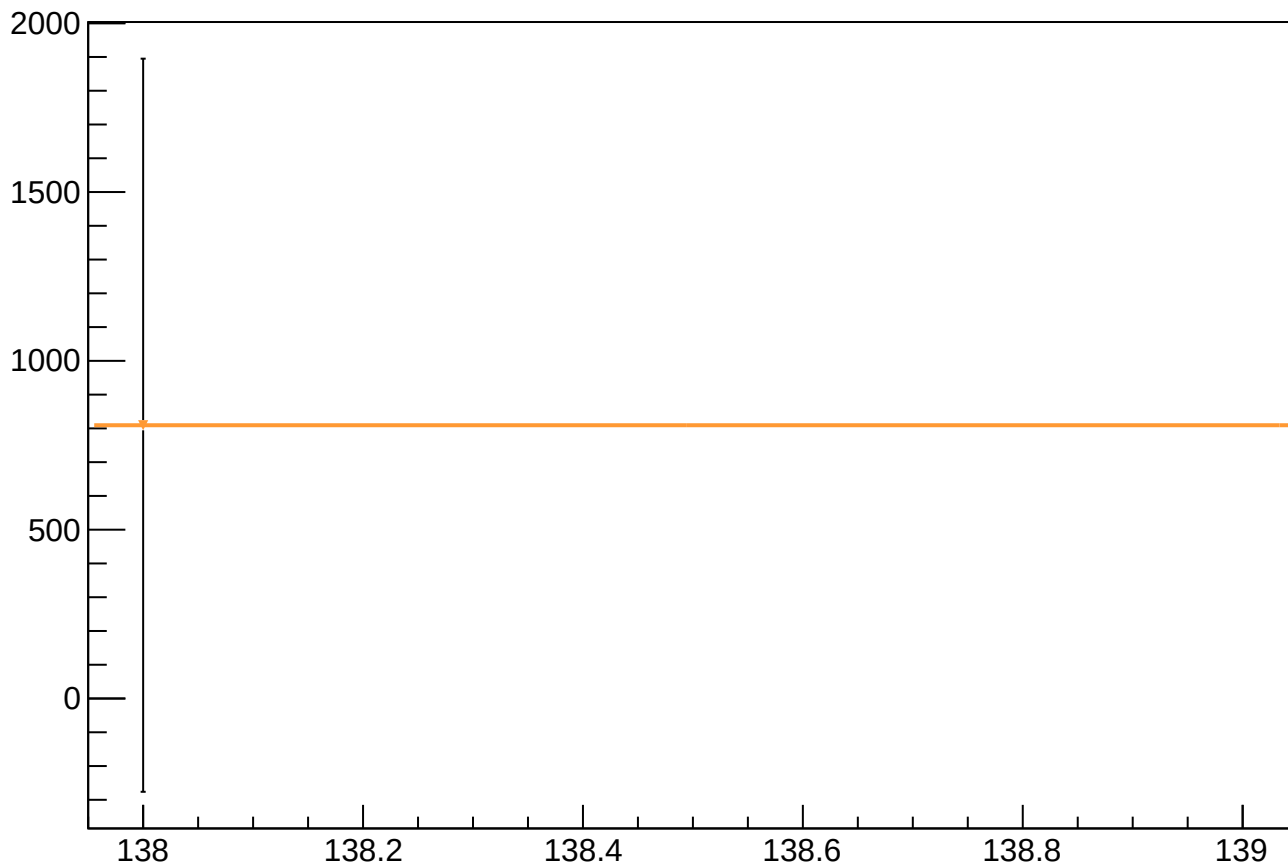
Right: 2019.360+/-0.396 χ^2/NDF : 1528357.7/35

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

Out: 2016.517+/-0.522 χ^2/NDF :619380.1/19

All: 2011.030+/-0.384 χ^2/NDF : 1535635.0/36

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 809.345+/-1085.626 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: 809.345+/-1085.626 χ^2/NDF : 0.0/0

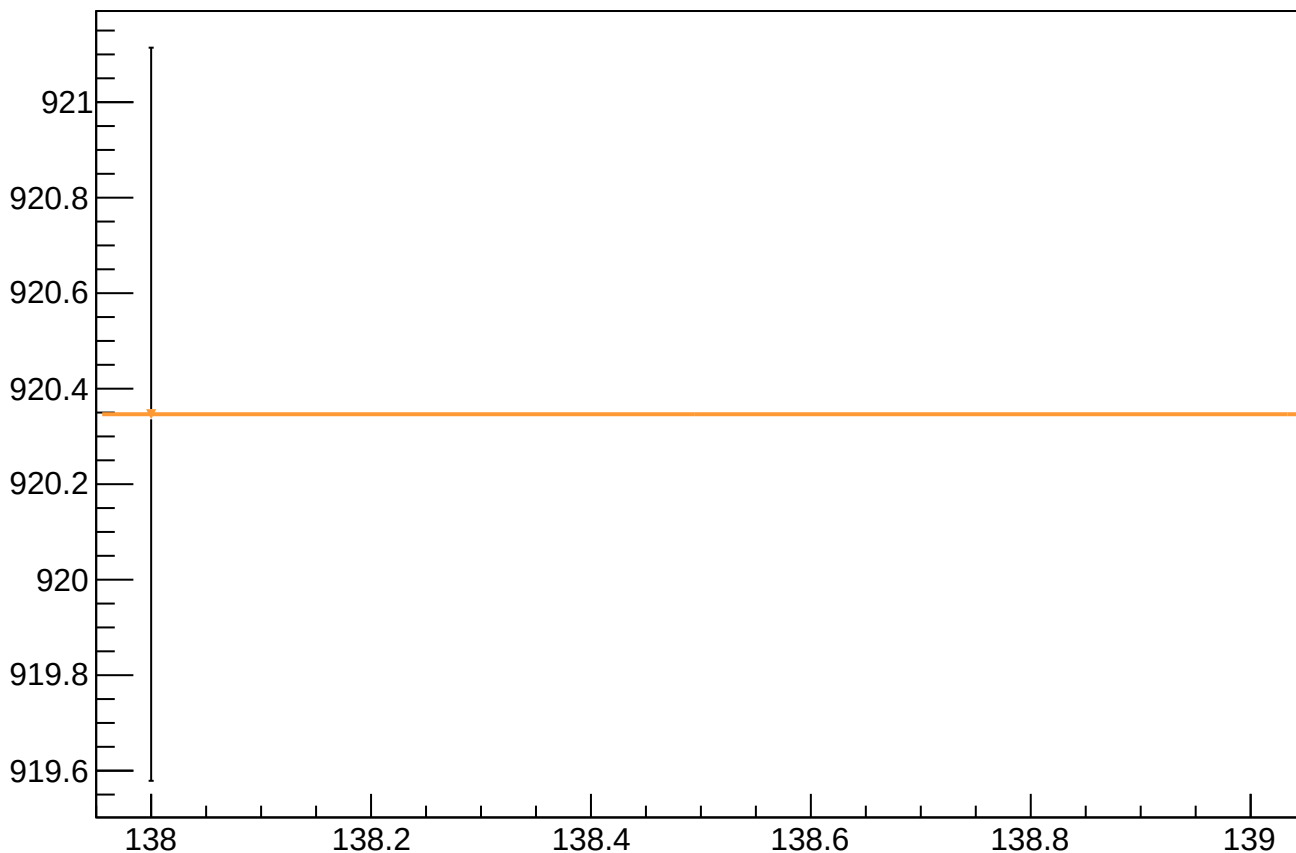
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 809.345+/-1085.626 χ^2/NDF : 0.0/0

All: 809.345+/-1085.626 χ^2/NDF : 0.0/0

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 920.346+/-0.768 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: 920.346+/-0.768 χ^2/NDF : 0.0/0

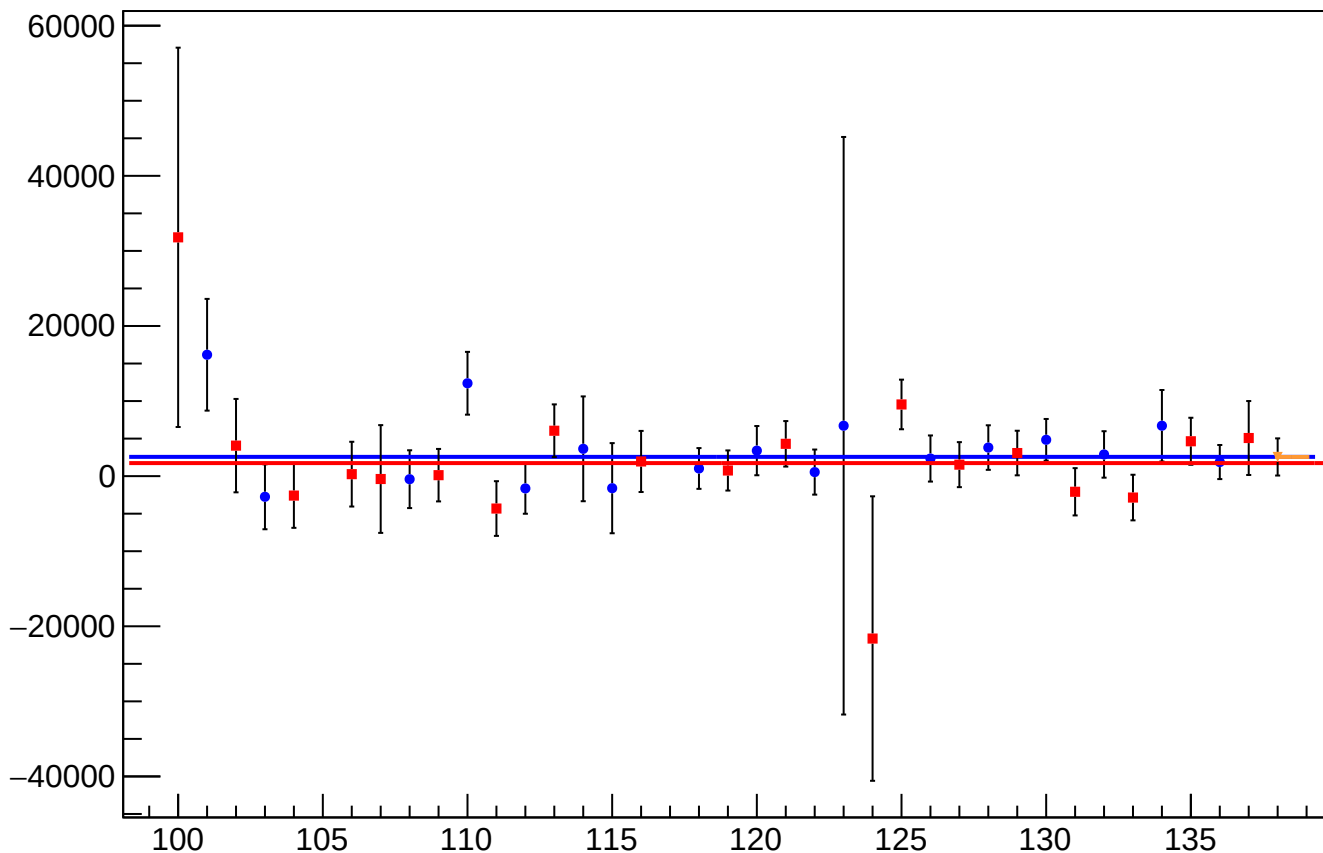
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 920.346+/-0.768 χ^2/NDF : 0.0/0

All: 920.346+/-0.768 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2555.432 $\pm$ 2475.577 χ^2 /NDF:0.0/0

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

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

Left: 2555.432 $\pm$ 2475.577 χ^2 /NDF: 0.0/0

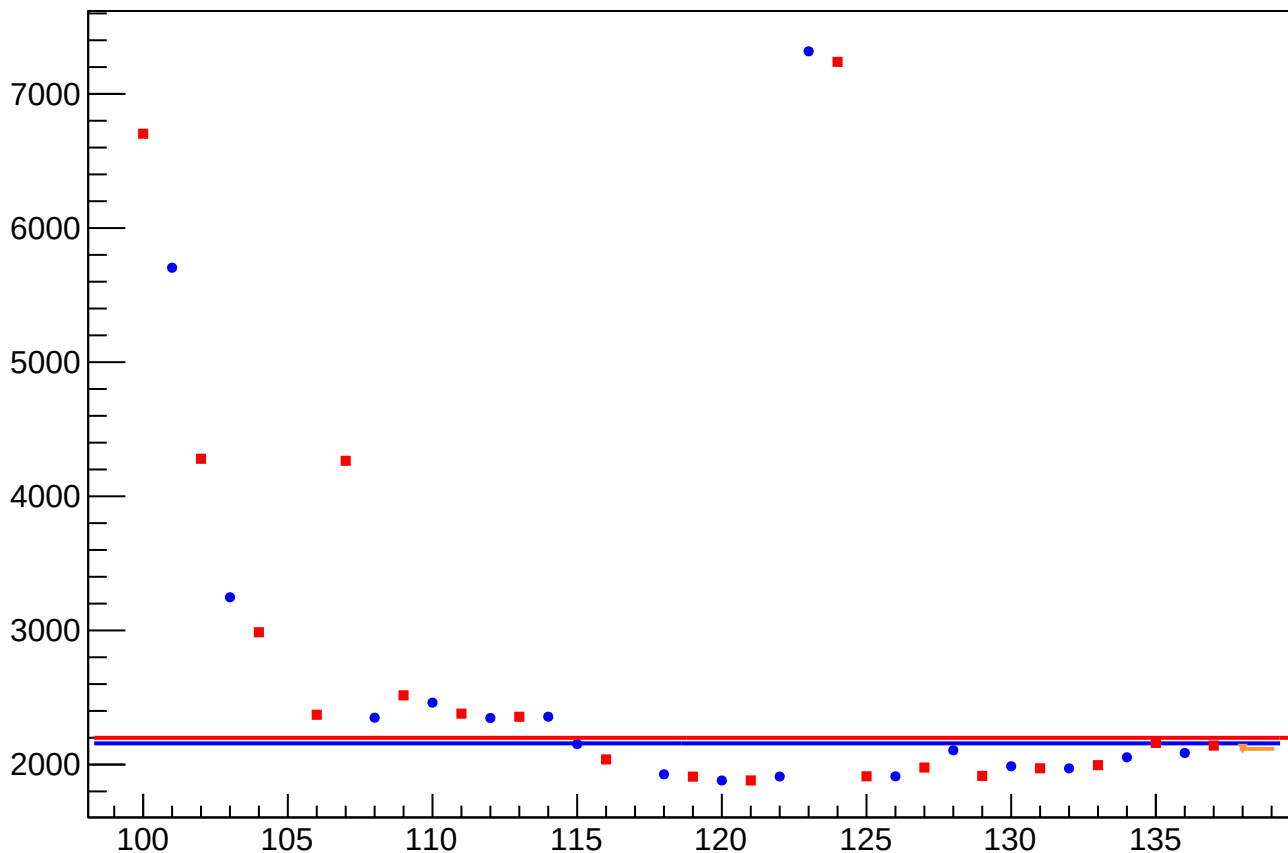
Right: 2150.830 $\pm$ 604.316 χ^2 /NDF: 36.5/35

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

Out: 1824.501 $\pm$ 806.621 χ^2 /NDF:20.6/19

All: 2173.584 $\pm$ 587.077 χ^2 /NDF: 36.6/36

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2117.352+/-1.750 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 2117.352+/-1.750 χ^2/NDF : 0.0/0

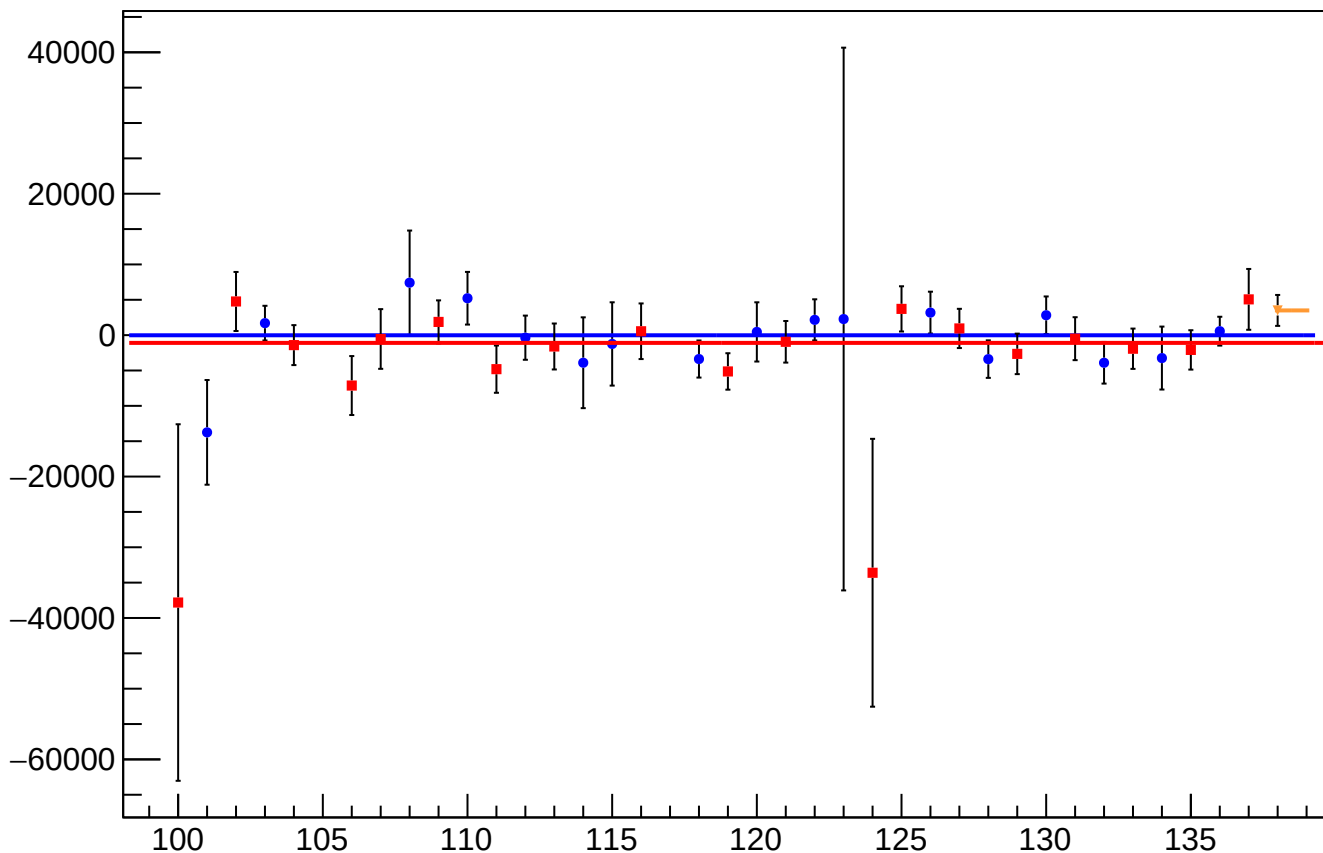
Right: 2178.816+/-0.427 χ^2/NDF : 1519207.5/35

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

Out: 2190.638+/-0.570 χ^2/NDF :804983.0/19

All: 2175.359+/-0.415 χ^2/NDF : 1520371.1/36

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 3496.513 ± 2187.602 χ^2/NDF : 0.0/0

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

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

Left: 3496.513 ± 2187.602 χ^2/NDF : 0.0/0

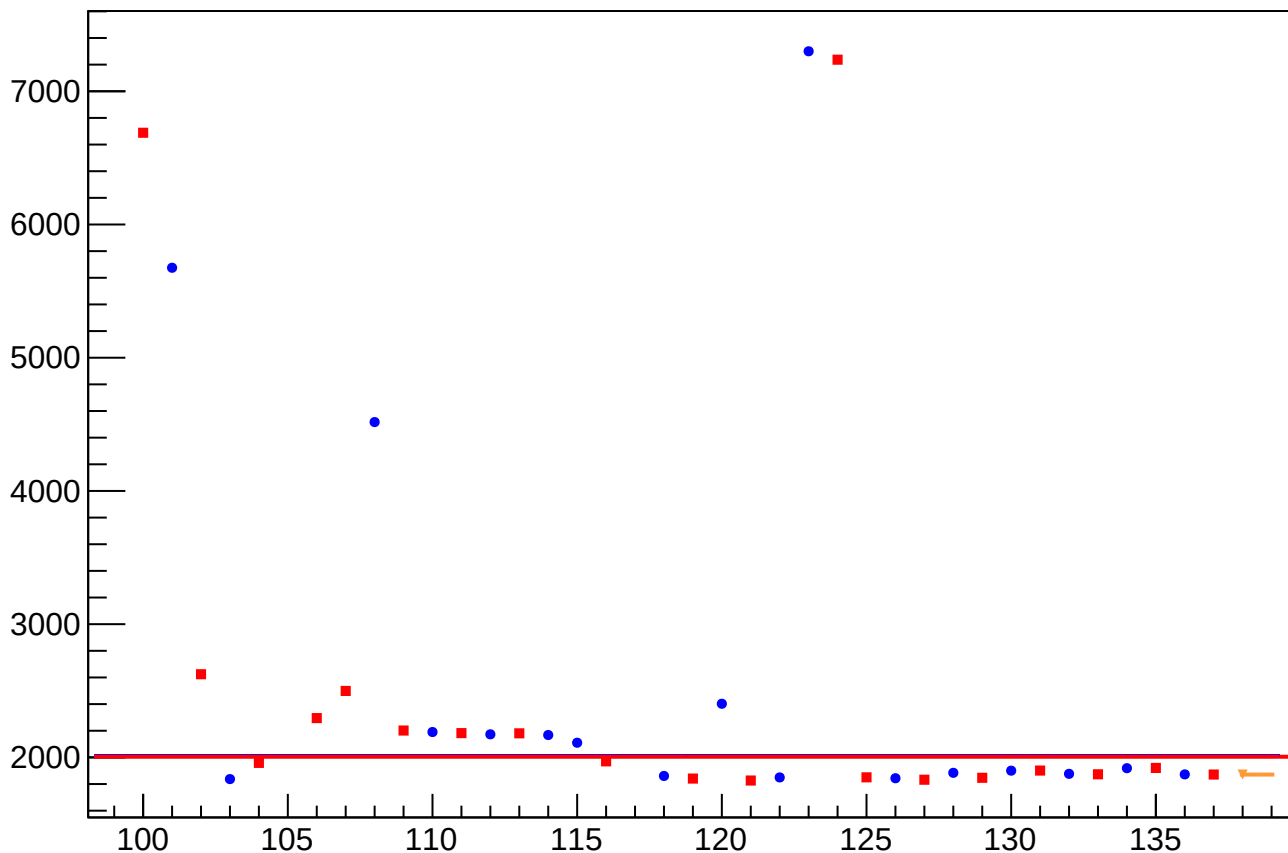
Right: -578.567 ± 555.139 χ^2/NDF : 36.2/35

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

Out: -589.563 ± 726.088 χ^2/NDF : 23.3/19

All: -332.020 ± 538.083 χ^2/NDF : 39.4/36

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1871.085+/-1.547 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 1871.085+/-1.547 χ^2/NDF : 0.0/0

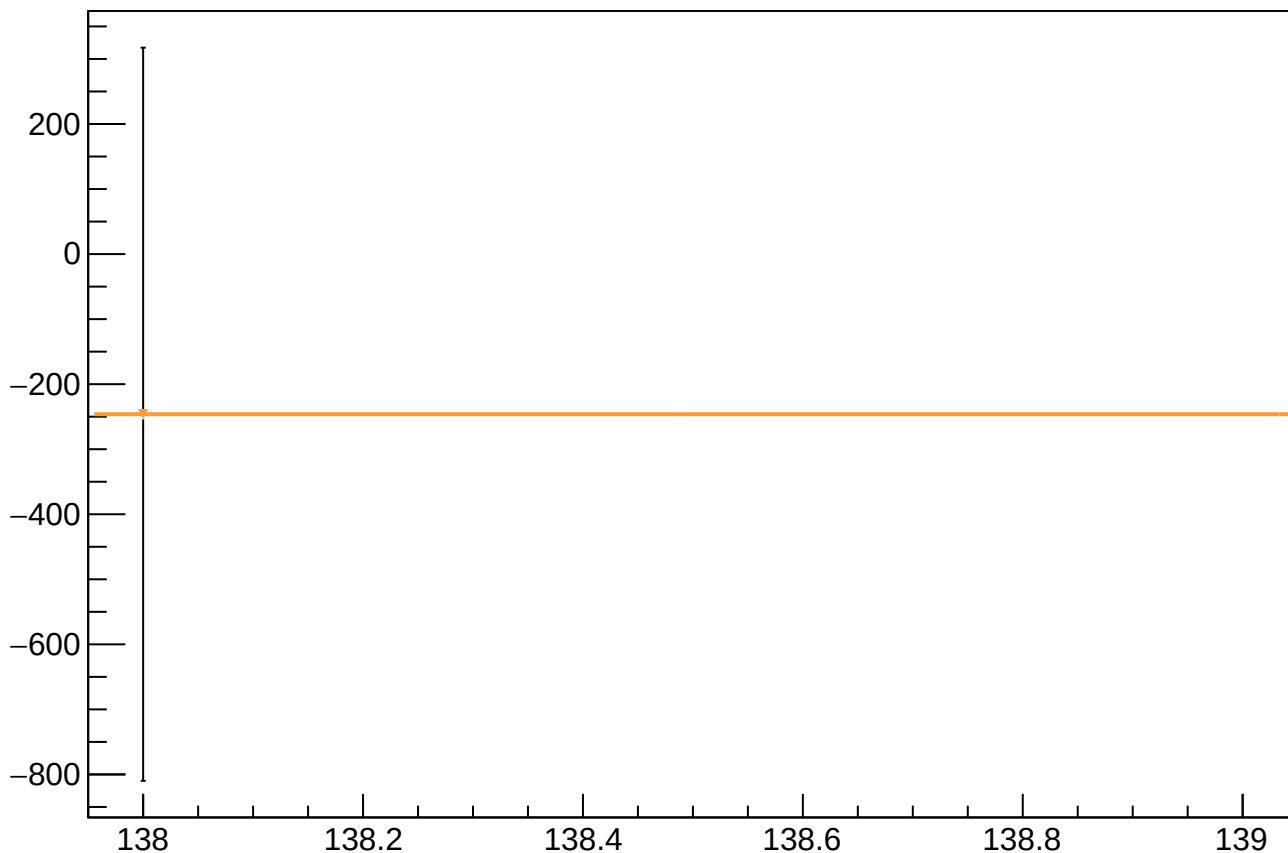
Right: 2007.469+/-0.393 χ^2/NDF : 1207306.7/35

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

Out: 1990.143+/-0.513 χ^2/NDF :374170.3/19

All: 1999.217+/-0.380 χ^2/NDF : 1214609.9/36

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -246.217+/-563.573 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: -246.217+/-563.573 χ^2/NDF : 0.0/0

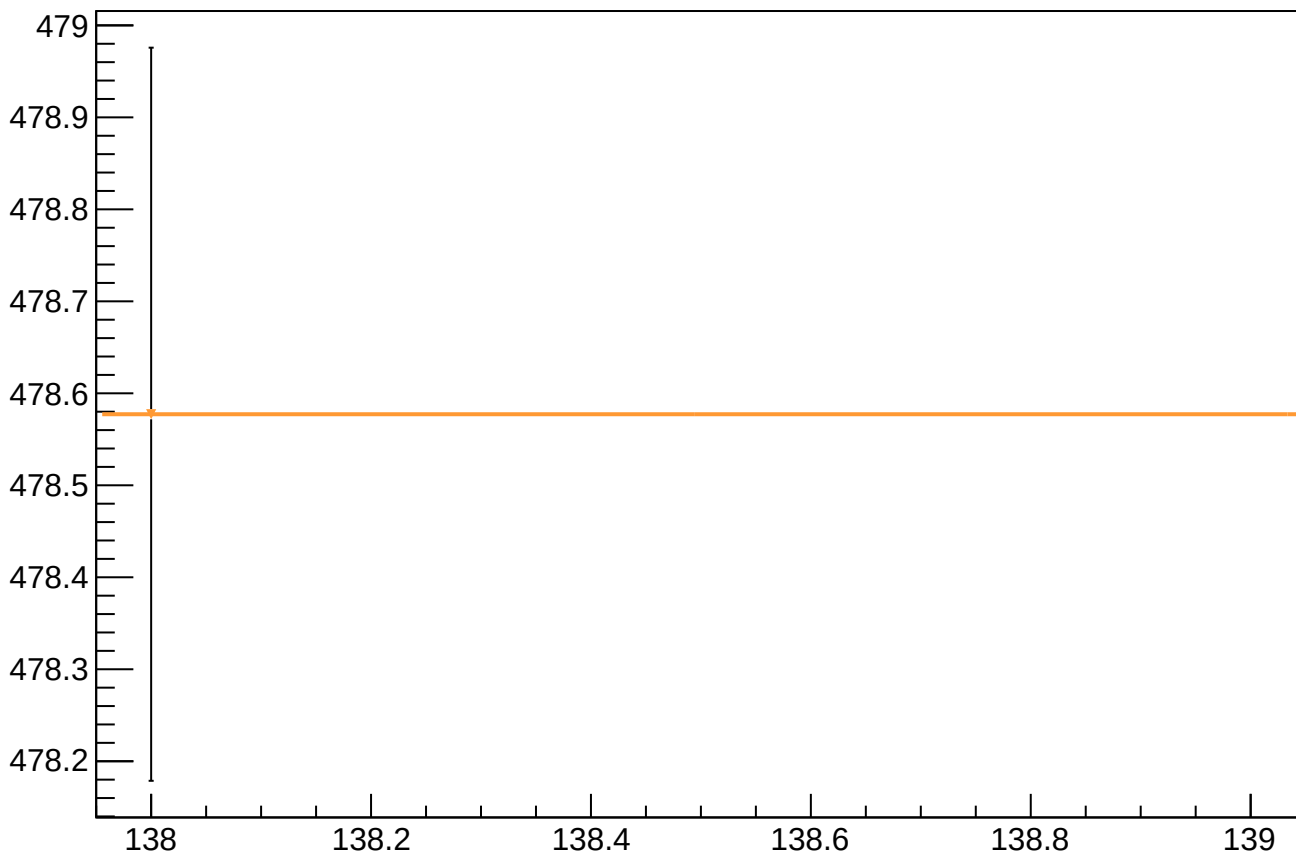
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -246.217+/-563.573 χ^2/NDF : 0.0/0

All: -246.217+/-563.573 χ^2/NDF : 0.0/0

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 478.577+/-0.399 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: 478.577+/-0.399 χ^2/NDF : 0.0/0

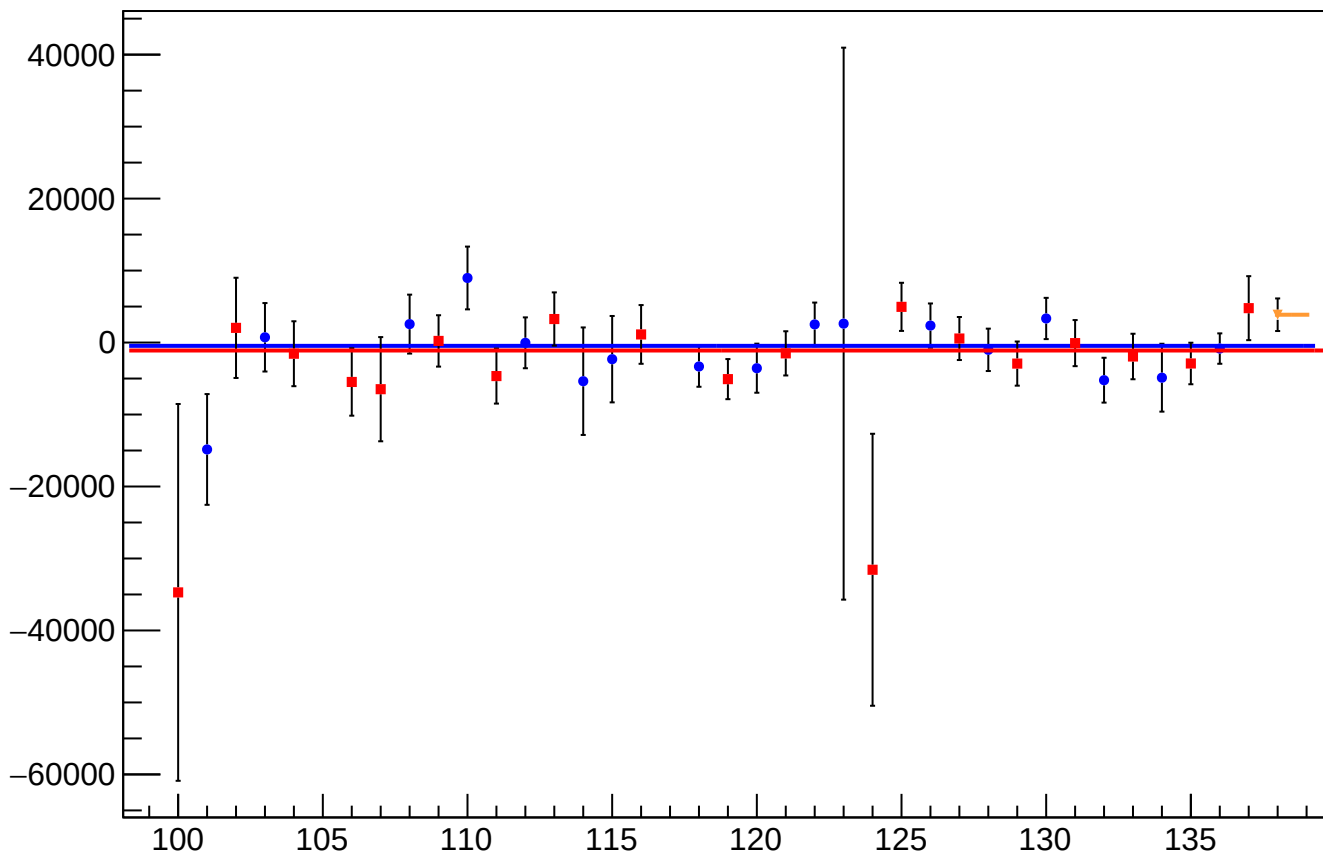
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 478.577+/-0.399 χ^2/NDF : 0.0/0

All: 478.577+/-0.399 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 3865.230+/-2263.582 χ^2/NDF : 0.0/0

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

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

Left: 3865.230+/-2263.582 χ^2/NDF : 0.0/0

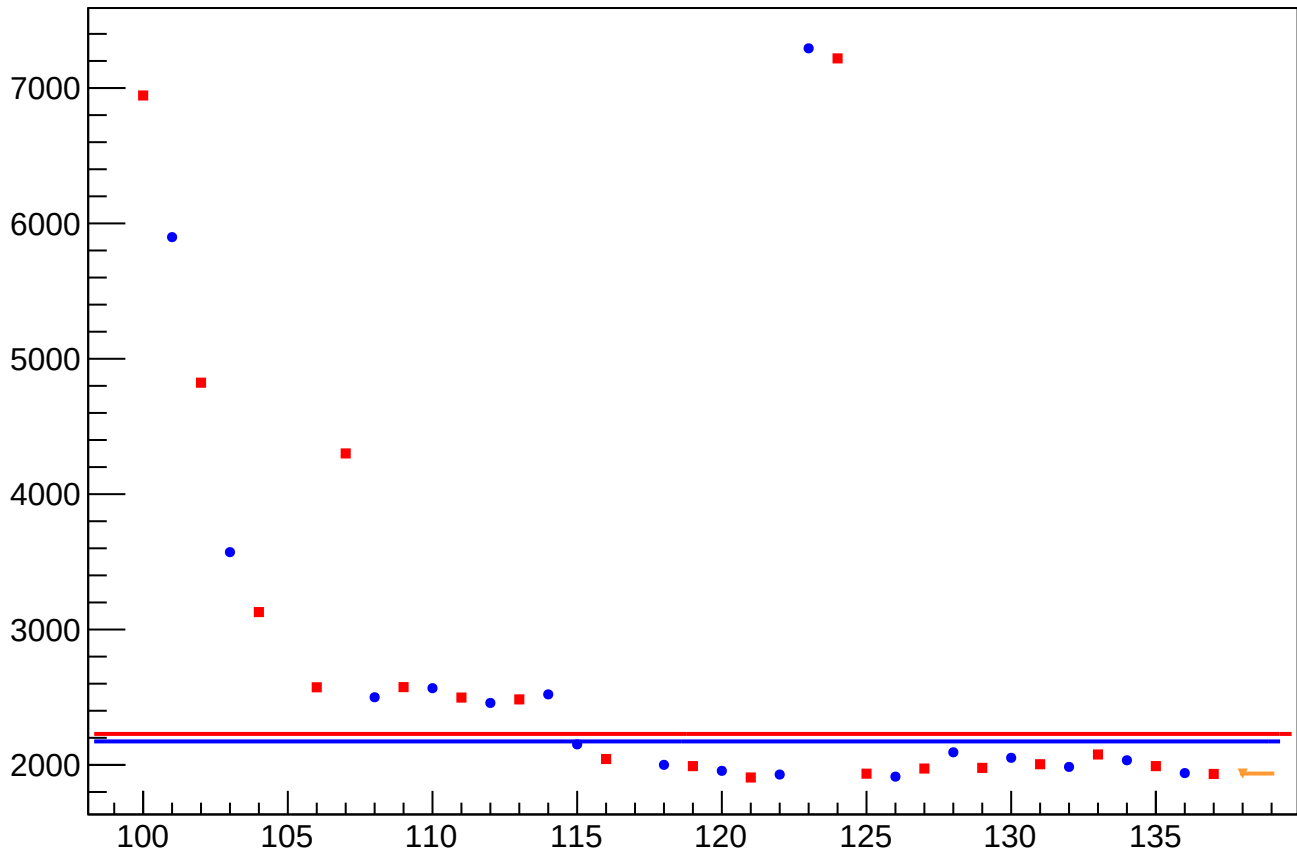
Right: -780.562+/-612.463 χ^2/NDF : 35.2/35

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

Out: -468.322+/-809.773 χ^2/NDF : 21.1/19

All: -463.647+/-591.205 χ^2/NDF : 39.2/36

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1936.203+/-1.601 χ^2/NDF : 0.0/0

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

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

Left: 1936.203+/-1.601 χ^2/NDF : 0.0/0

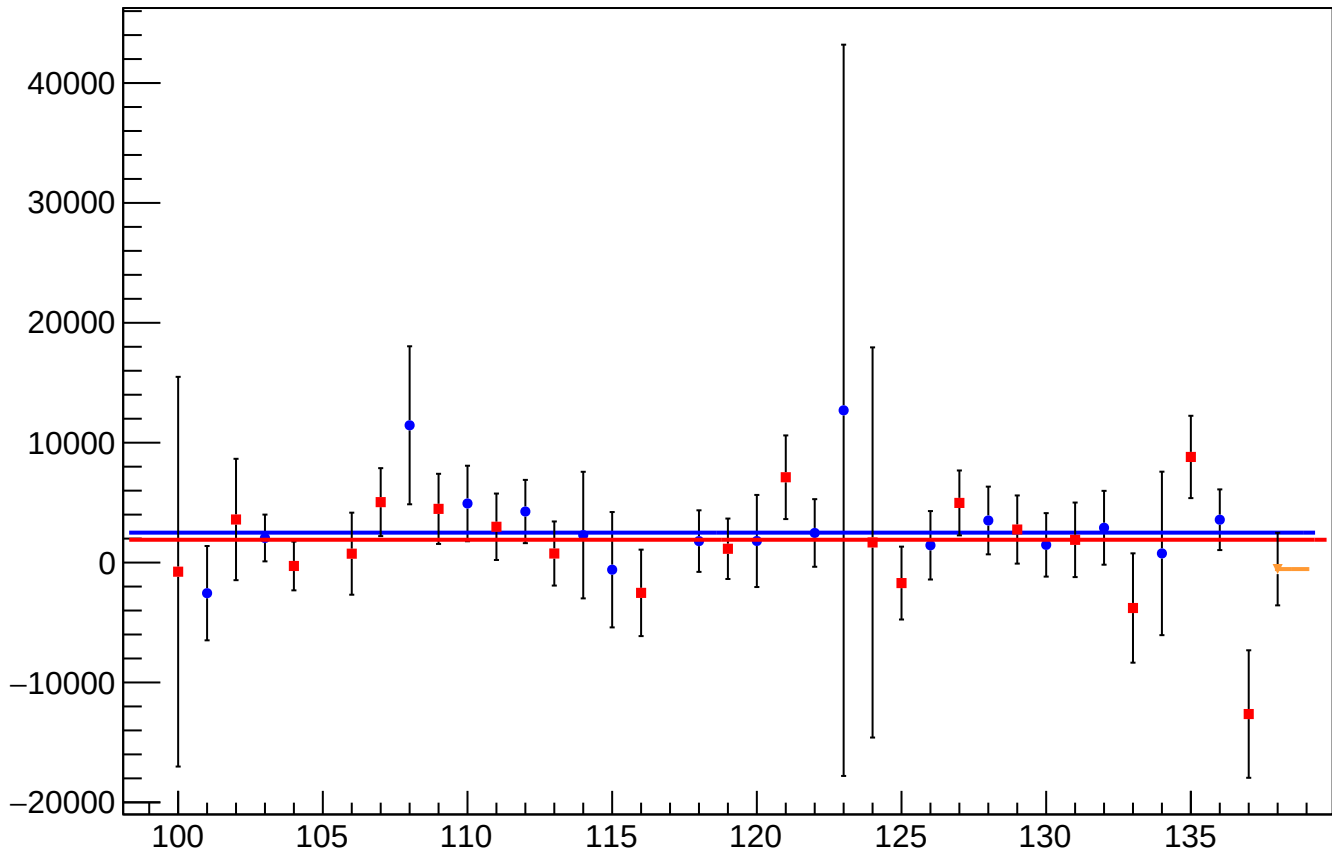
Right: 2201.146+/-0.433 χ^2/NDF : 1705309.7/35

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

Out: 2191.435+/-0.573 χ^2/NDF : 925022.8/19

All: 2183.073+/-0.418 χ^2/NDF : 1730840.2/36

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -541.522 $\pm$ 3027.495 χ^2 /NDF:0.0/0

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

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

Left: -541.522 $\pm$ 3027.495 χ^2 /NDF: 0.0/0

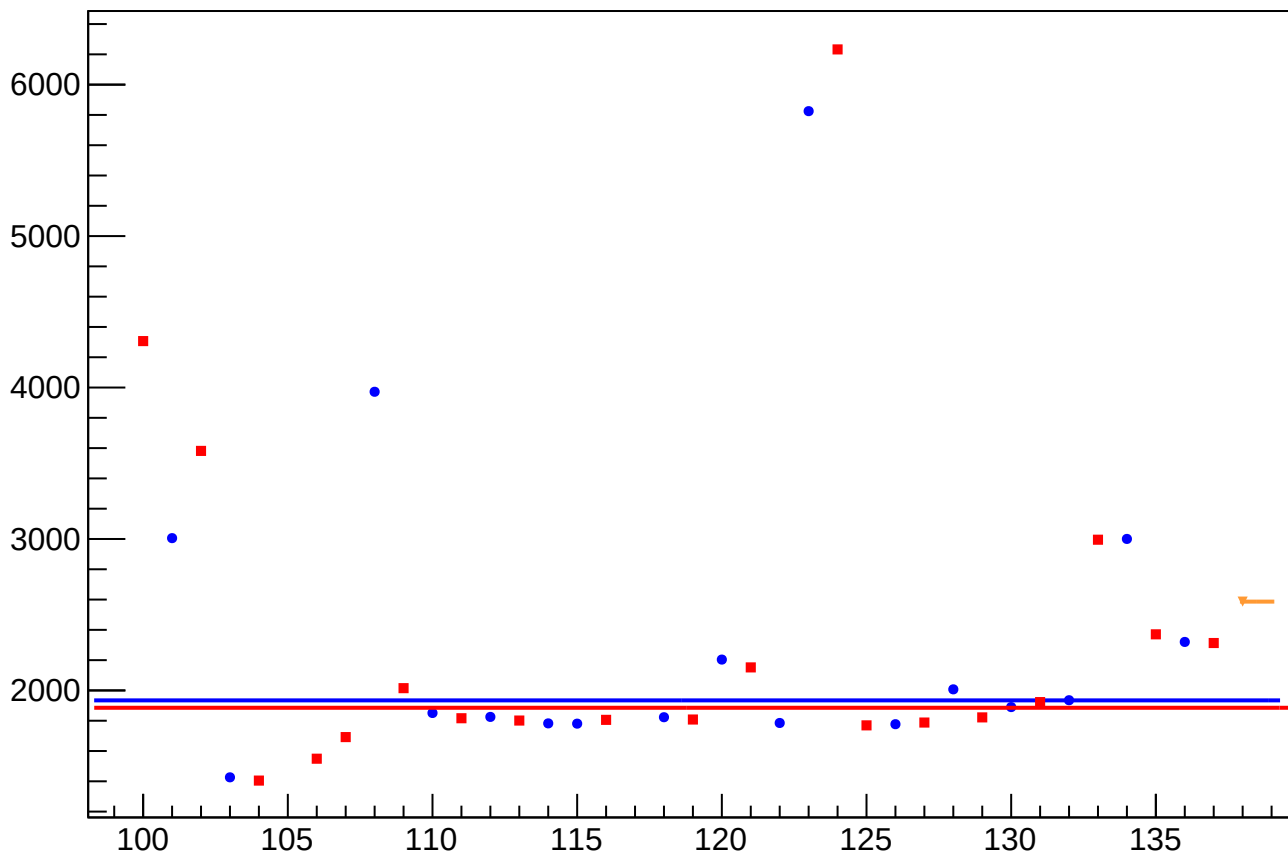
Right: 2187.370 $\pm$ 531.779 χ^2 /NDF: 29.7/35

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

Out: 1766.284 $\pm$ 715.898 χ^2 /NDF:24.1/19

All: 2105.696 $\pm$ 523.761 χ^2 /NDF: 30.5/36

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2586.475+/-2.141 χ^2/NDF : 0.0/0

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

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

Left: 2586.475+/-2.141 χ^2/NDF : 0.0/0

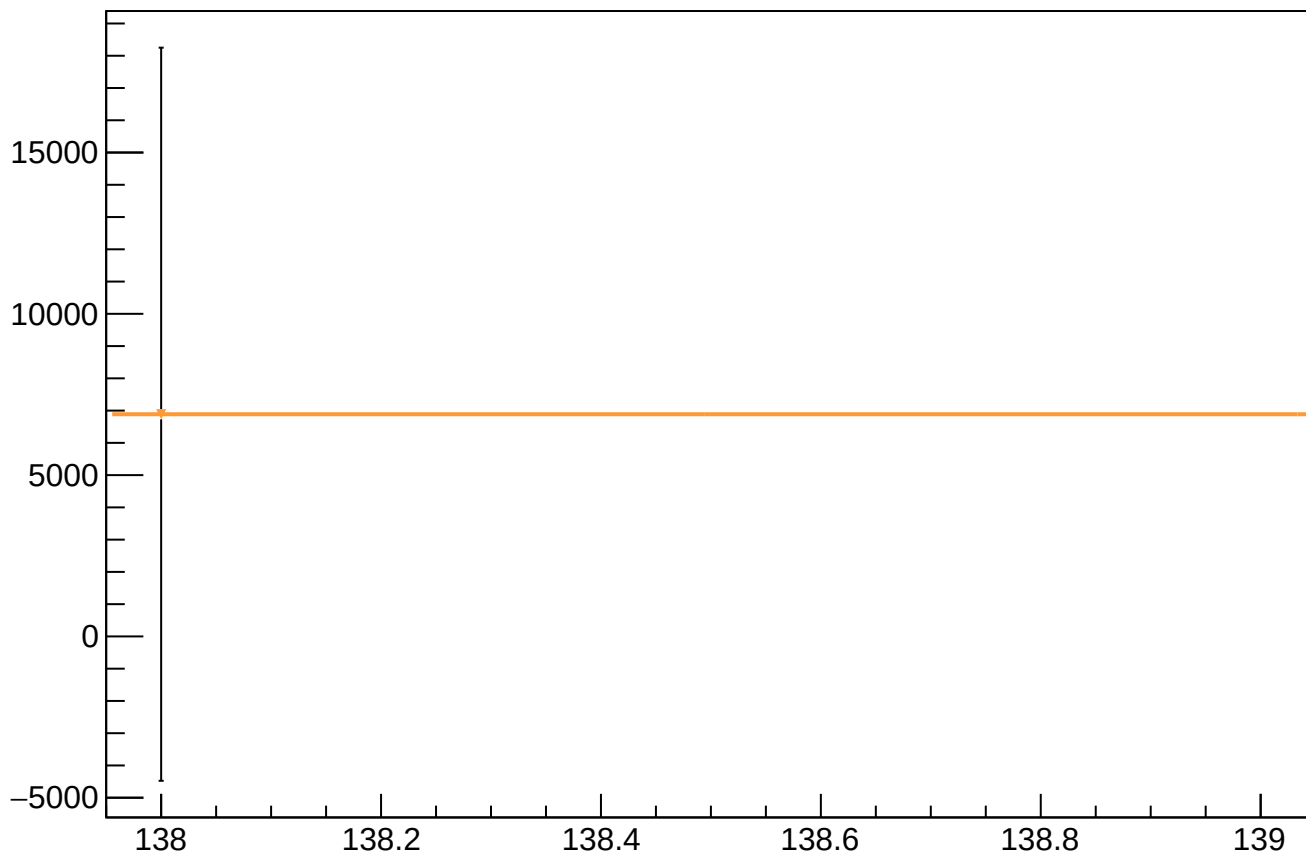
Right: 1908.949+/-0.376 χ^2/NDF : 1395226.1/35

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

Out: 1924.726+/-0.506 χ^2/NDF : 853303.2/19

All: 1929.223+/-0.370 χ^2/NDF : 1492393.5/36

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 6887.405+/-11362.997 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: 6887.405+/-11362.997 χ^2/NDF : 0.0/0

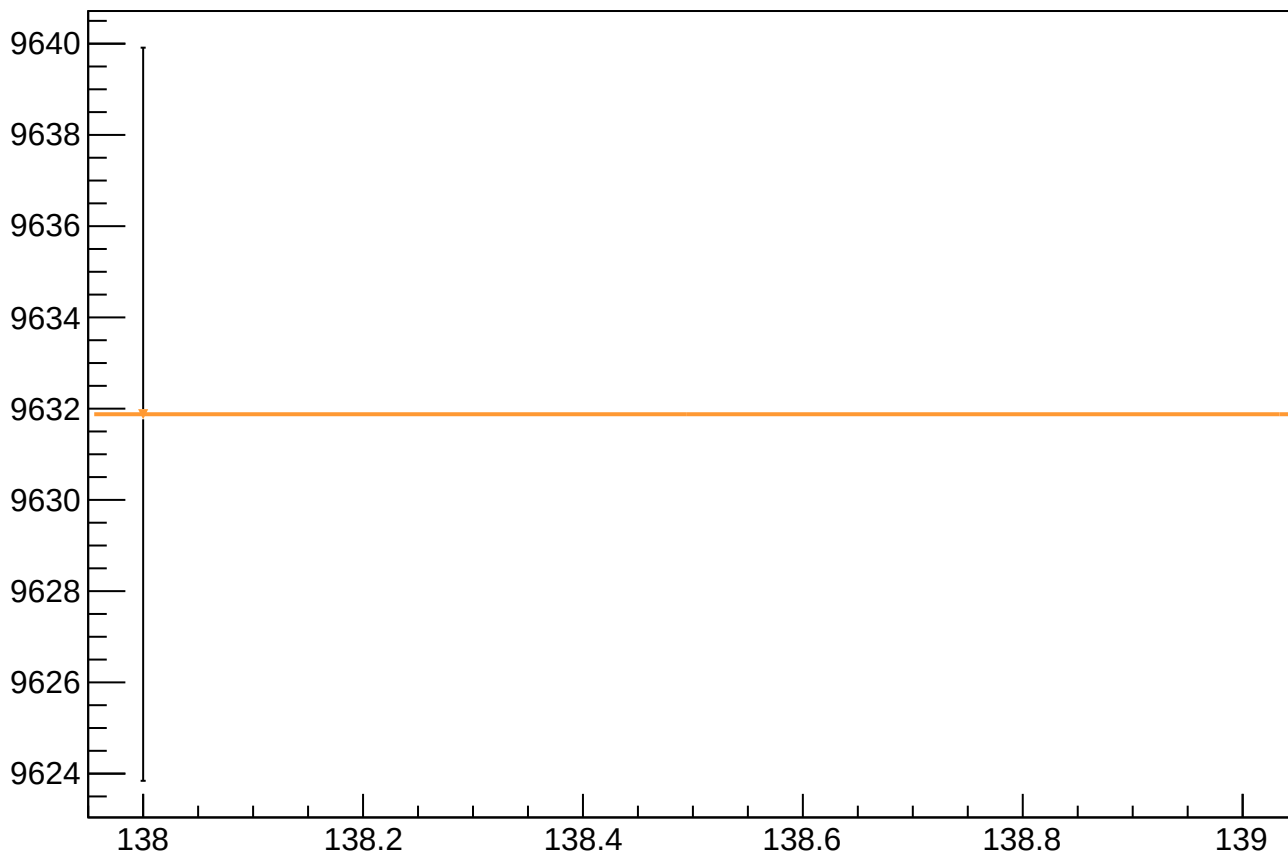
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 6887.405+/-11362.997 χ^2/NDF : 0.0/0

All: 6887.405+/-11362.997 χ^2/NDF : 0.0/0

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 9631.878+/-8.035 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: 9631.878+/-8.035 χ^2/NDF : 0.0/0

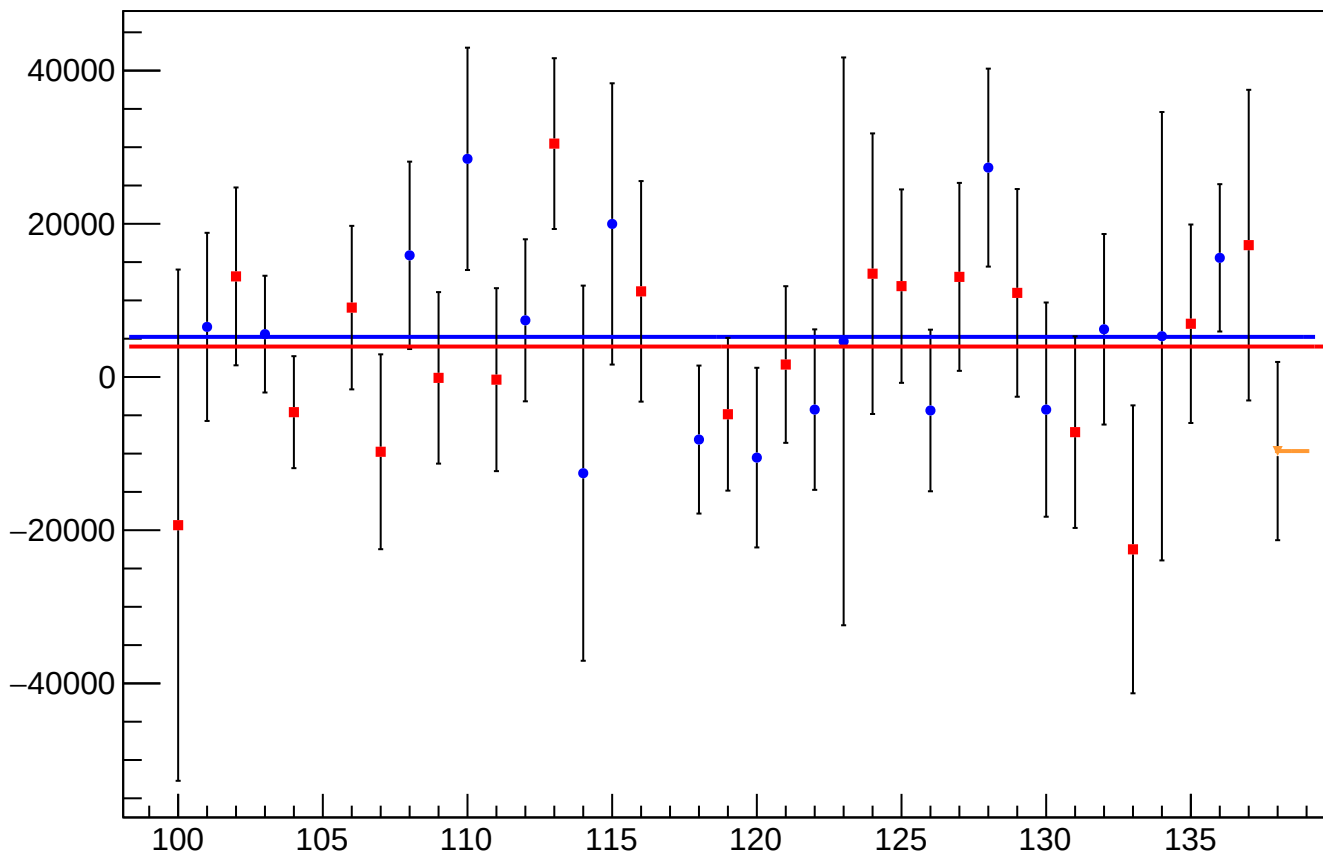
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 9631.878+/-8.035 χ^2/NDF : 0.0/0

All: 9631.878+/-8.035 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -9668.730+/-11635.346 χ^2/NDF : 0.0/0

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

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

Left: -9668.730+/-11635.346 χ^2/NDF : 0.0/0

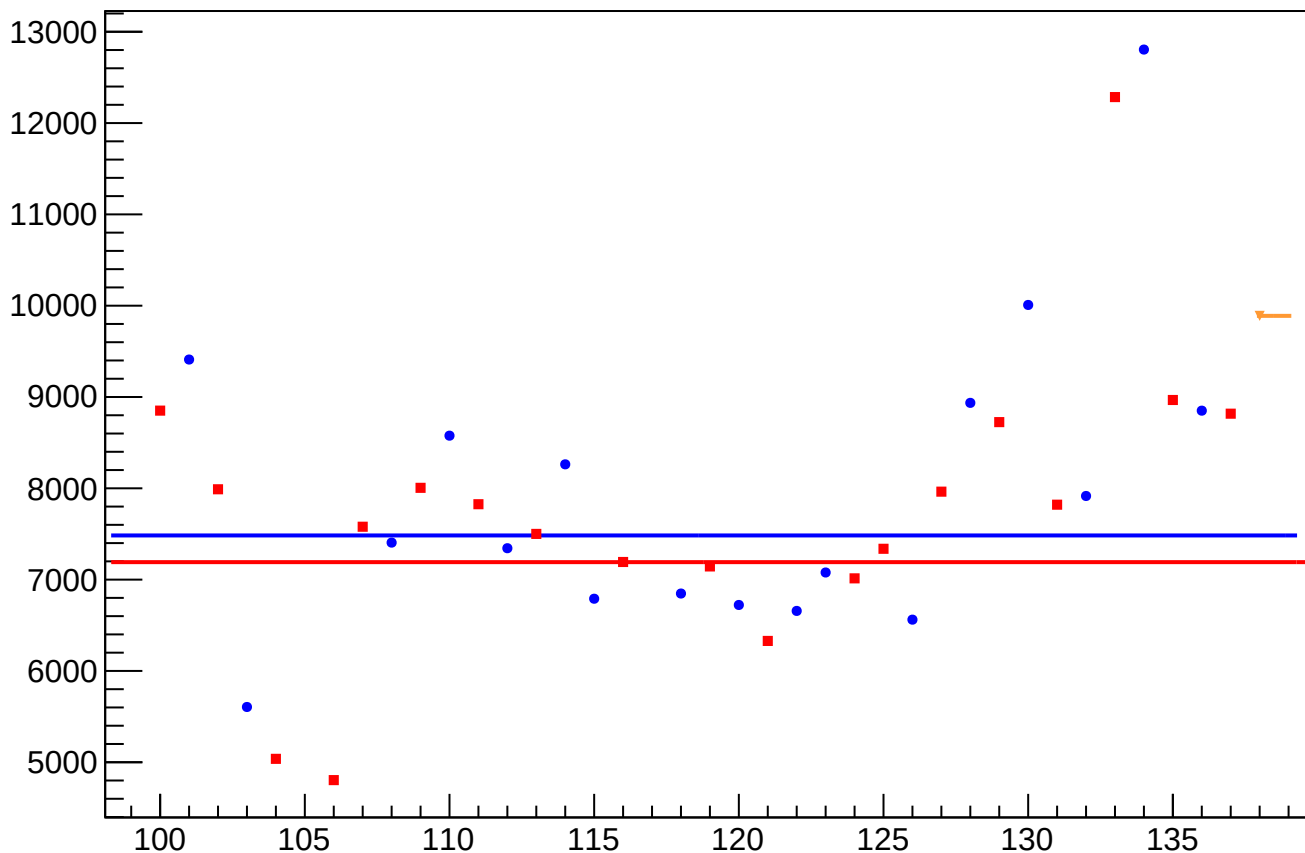
Right: 4573.057+/-2025.948 χ^2/NDF : 30.2/35

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

Out: 3233.963+/-2713.479 χ^2/NDF : 16.9/19

All: 4153.983+/-1995.918 χ^2/NDF : 31.6/36

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9888.674+/-8.227 χ^2/NDF : 0.0/0

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

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

Left: 9888.674+/-8.227 χ^2/NDF : 0.0/0

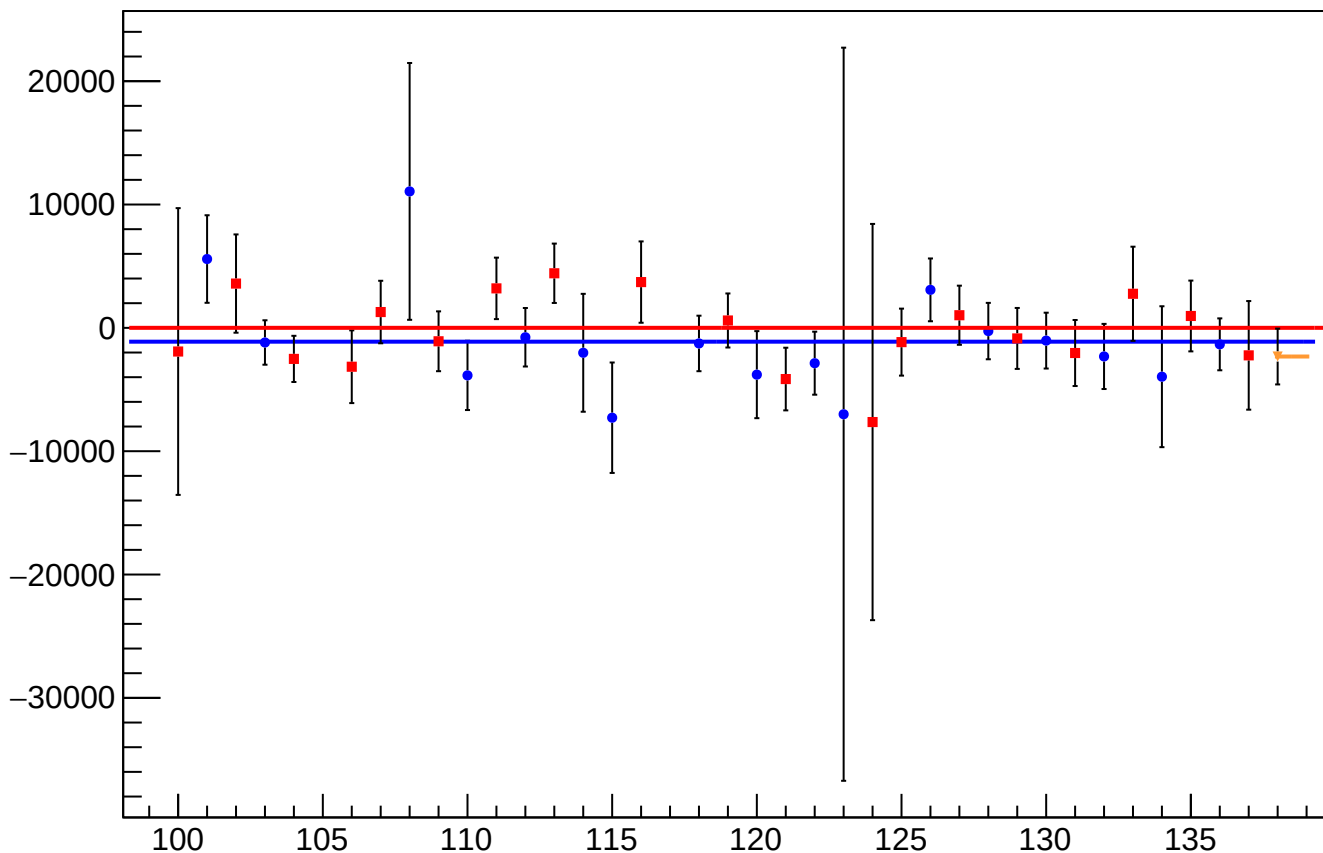
Right: 7329.673+/-1.432 χ^2/NDF : 1000940.7/35

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

Out: 7338.109+/-1.918 χ^2/NDF : 660383.7/19

All: 7404.961+/-1.411 χ^2/NDF : 1094835.8/36

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -2323.885+/-2262.975 χ^2/NDF : 0.0/0

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

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

Left: -2323.885+/-2262.975 χ^2/NDF : 0.0/0

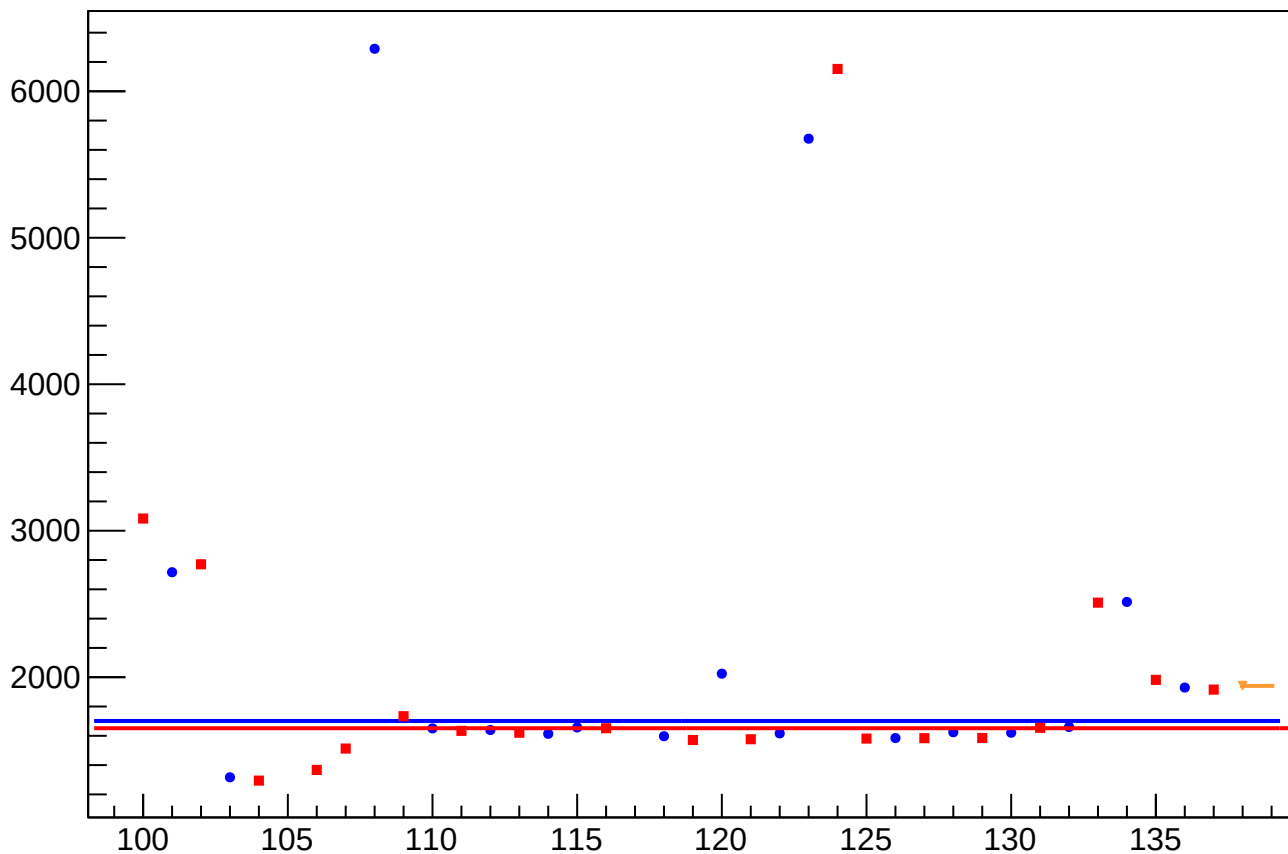
Right: -525.400+/-465.654 χ^2/NDF : 29.2/35

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

Out: -169.617+/-615.558 χ^2/NDF : 16.5/19

All: -598.457+/-456.098 χ^2/NDF : 29.8/36

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1940.755+/-1.600 χ^2/NDF : 0.0/0

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

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

Left: 1940.755+/-1.600 χ^2/NDF : 0.0/0

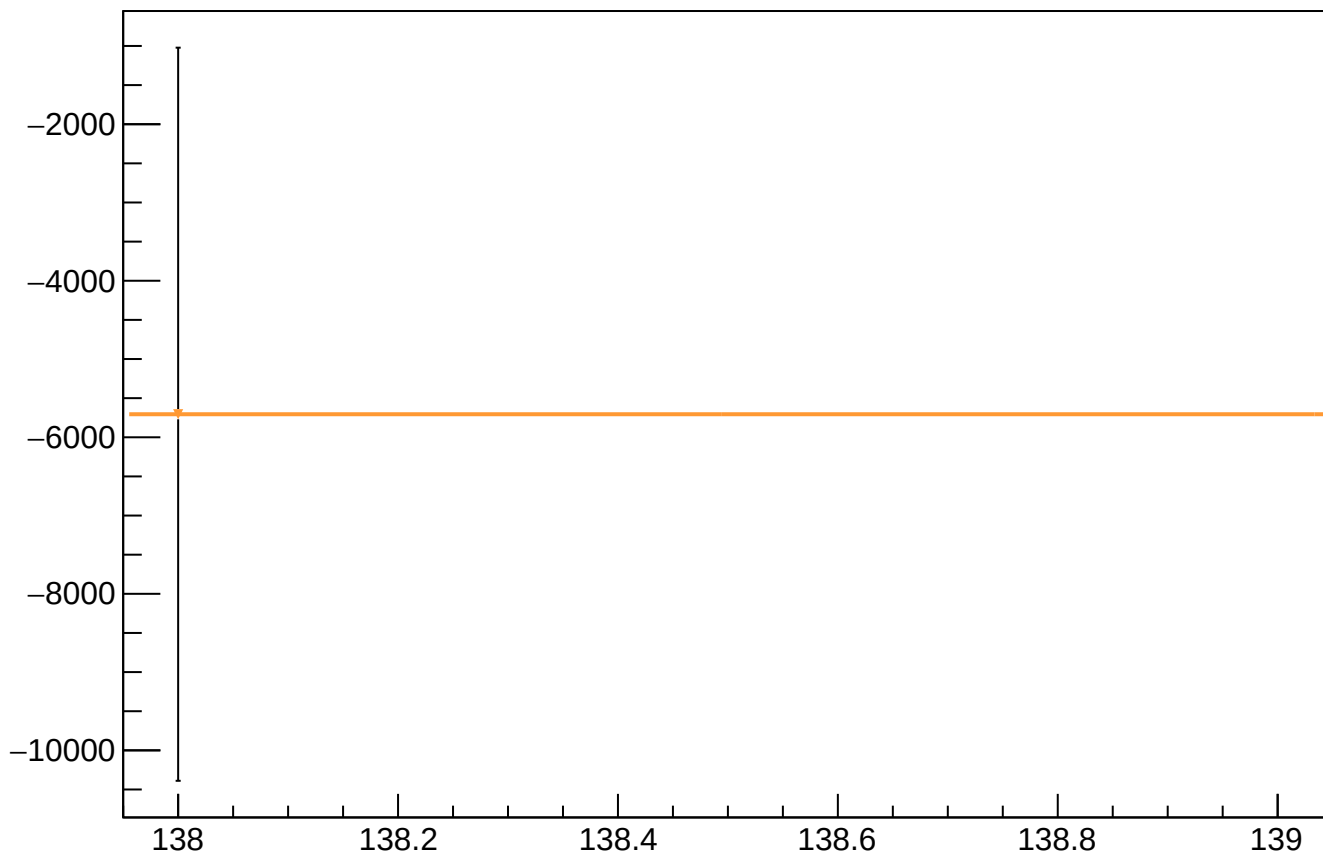
Right: 1675.026+/-0.329 χ^2/NDF : 1373201.9/35

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

Out: 1673.119+/-0.435 χ^2/NDF : 619051.7/19

All: 1685.820+/-0.323 χ^2/NDF : 1399658.6/36

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -5705.463+/-4683.562 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: -5705.463+/-4683.562 χ^2/NDF : 0.0/0

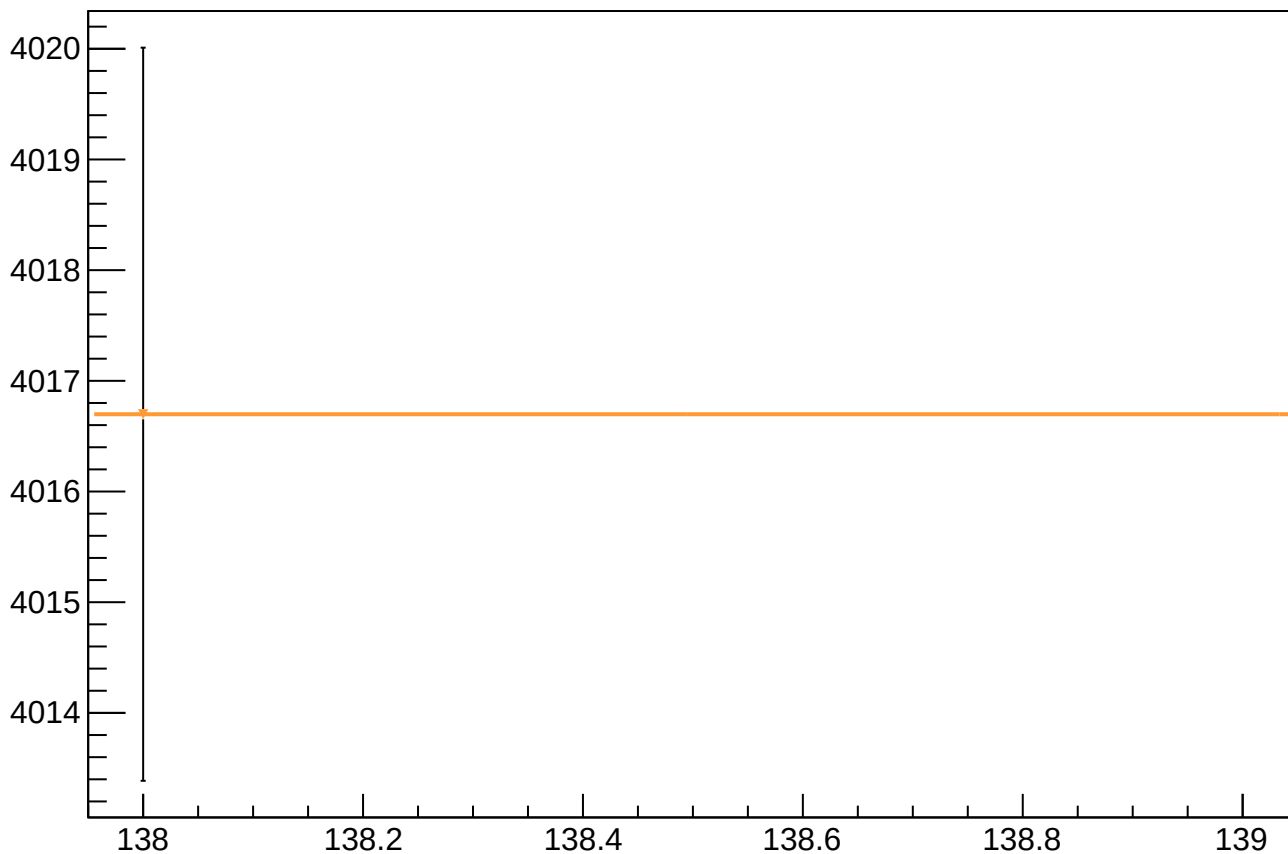
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -5705.463+/-4683.562 χ^2/NDF : 0.0/0

All: -5705.463+/-4683.562 χ^2/NDF : 0.0/0

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4016.698+/-3.312 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: 4016.698+/-3.312 χ^2/NDF : 0.0/0

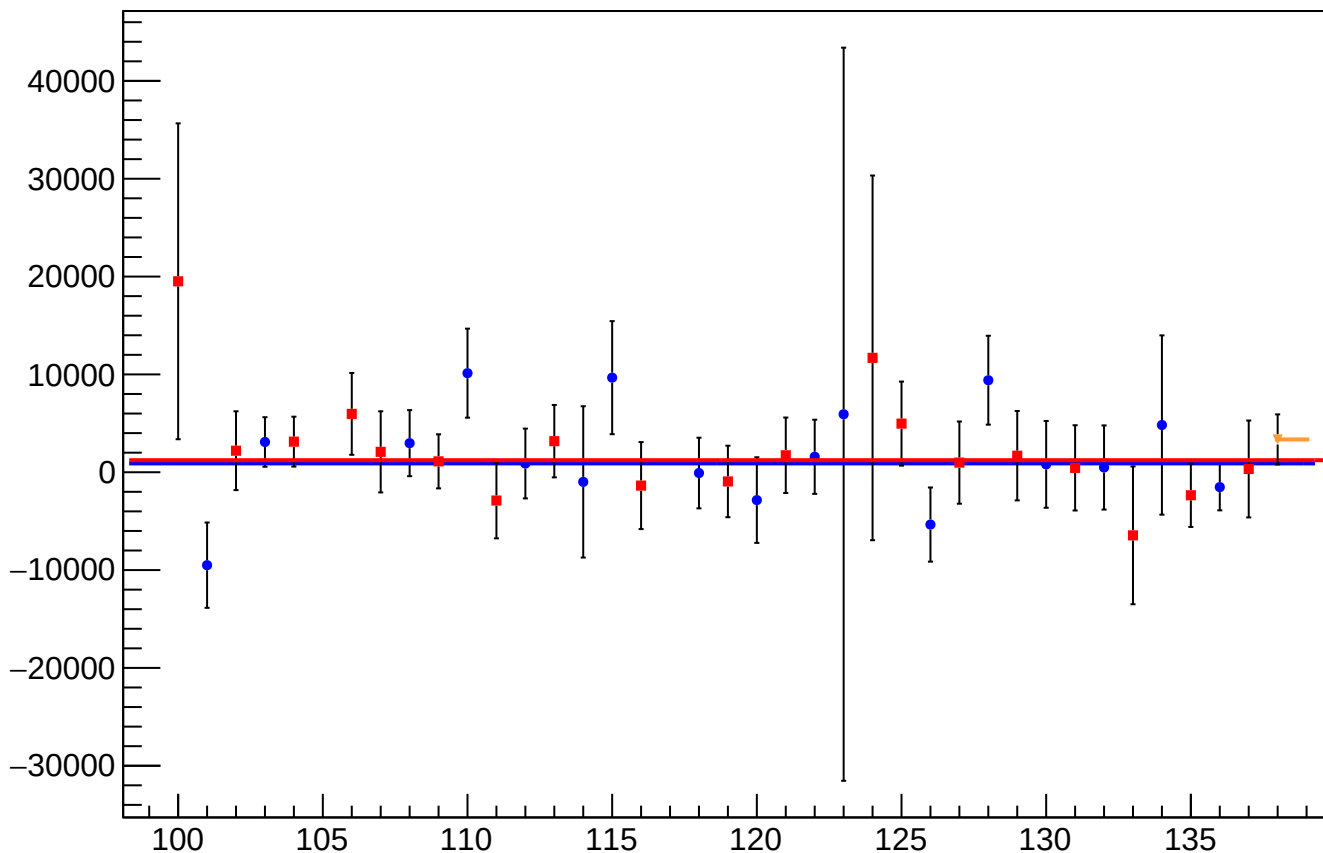
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 4016.698+/-3.312 χ^2/NDF : 0.0/0

All: 4016.698+/-3.312 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 3353.893+/-2559.722 χ^2/NDF : 0.0/0

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

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

Left: 3353.893+/-2559.722 χ^2/NDF : 0.0/0

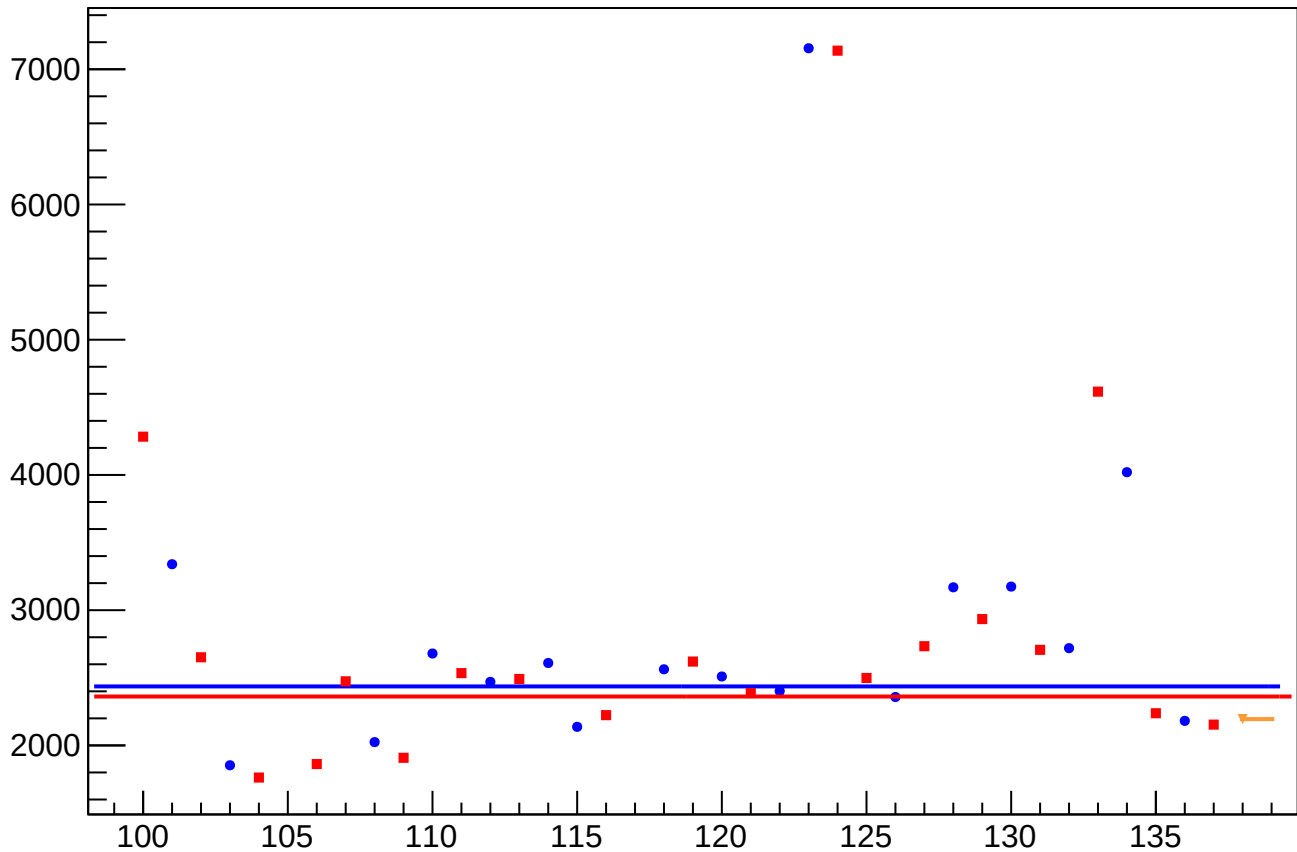
Right: 1073.549+/-666.754 χ^2/NDF : 30.6/35

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

Out: 1476.228+/-869.966 χ^2/NDF : 9.5/19

All: 1218.438+/-645.224 χ^2/NDF : 31.3/36

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2194.806+/-1.810 χ^2/NDF : 0.0/0

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

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

Left: 2194.806+/-1.810 χ^2/NDF : 0.0/0

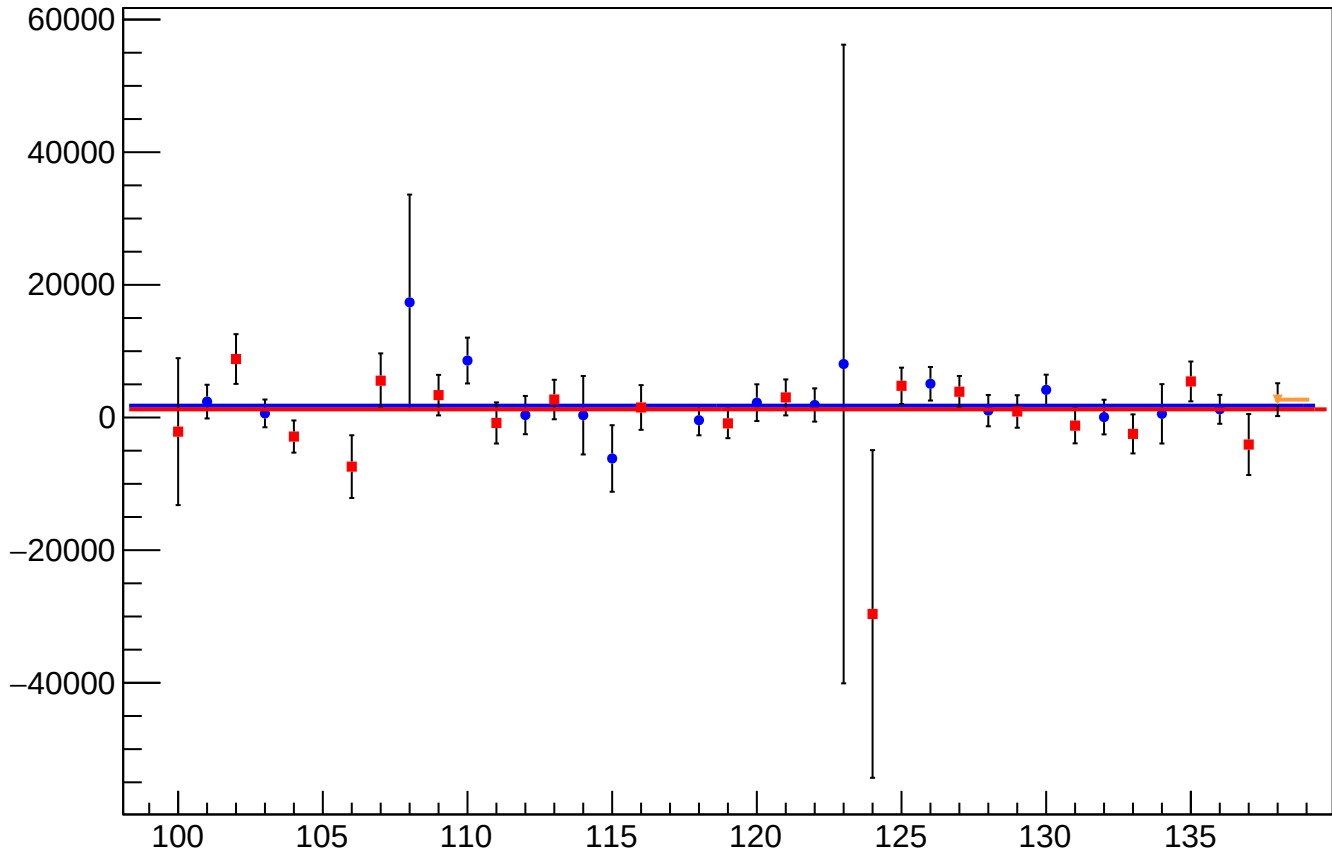
Right: 2397.448+/-0.471 χ^2/NDF : 1130664.2/35

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

Out: 2342.297+/-0.615 χ^2/NDF : 663353.1/19

All: 2384.572+/-0.456 χ^2/NDF : 1142402.2/36

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2691.298+/-2477.895 χ^2/NDF : 0.0/0

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

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

Left: 2691.298+/-2477.895 χ^2/NDF : 0.0/0

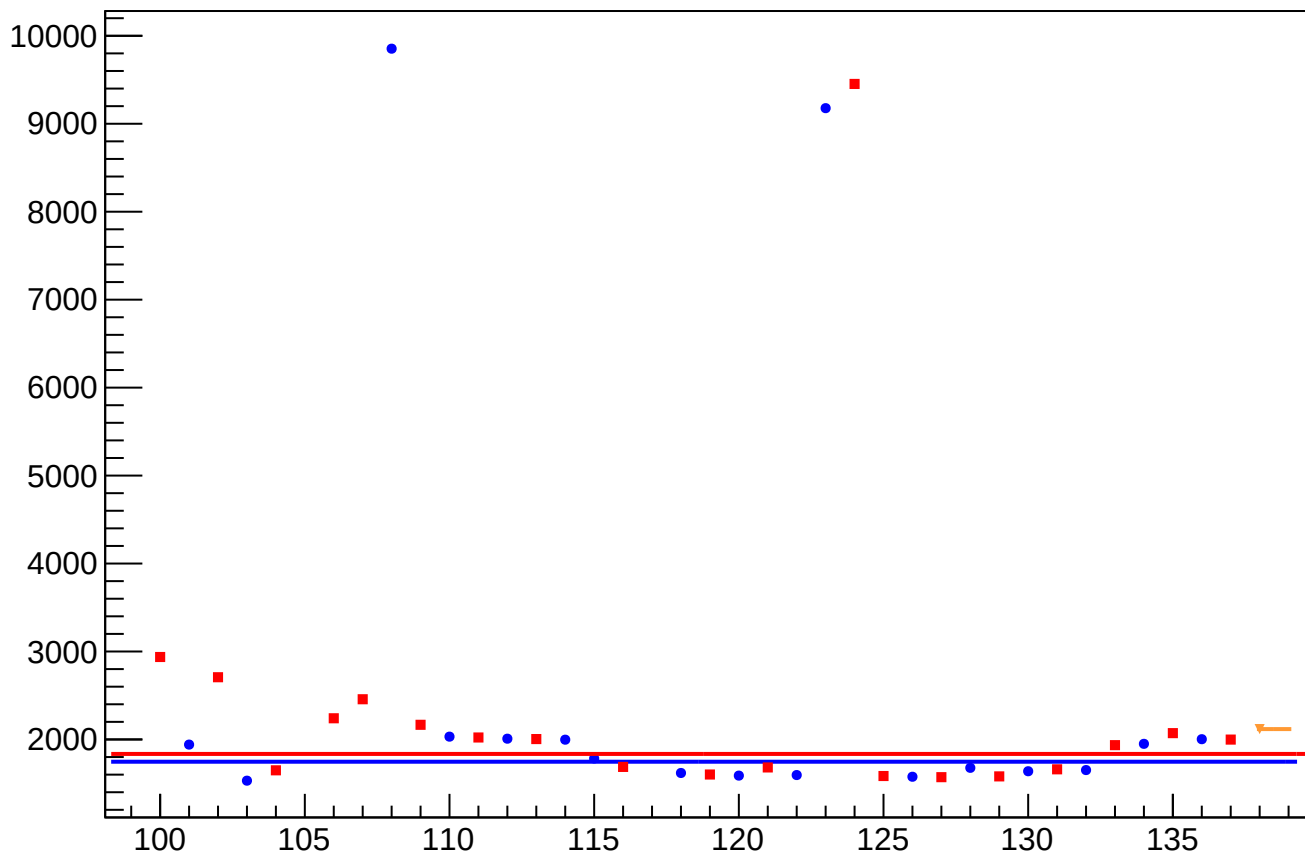
Right: 1511.828+/-495.804 χ^2/NDF : 37.0/35

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

Out: 1339.683+/-680.885 χ^2/NDF : 24.6/19

All: 1557.232+/-486.167 χ^2/NDF : 37.2/36

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2117.900+/-1.752 χ^2/NDF : 0.0/0

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

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

Left: 2117.900+/-1.752 χ^2/NDF : 0.0/0

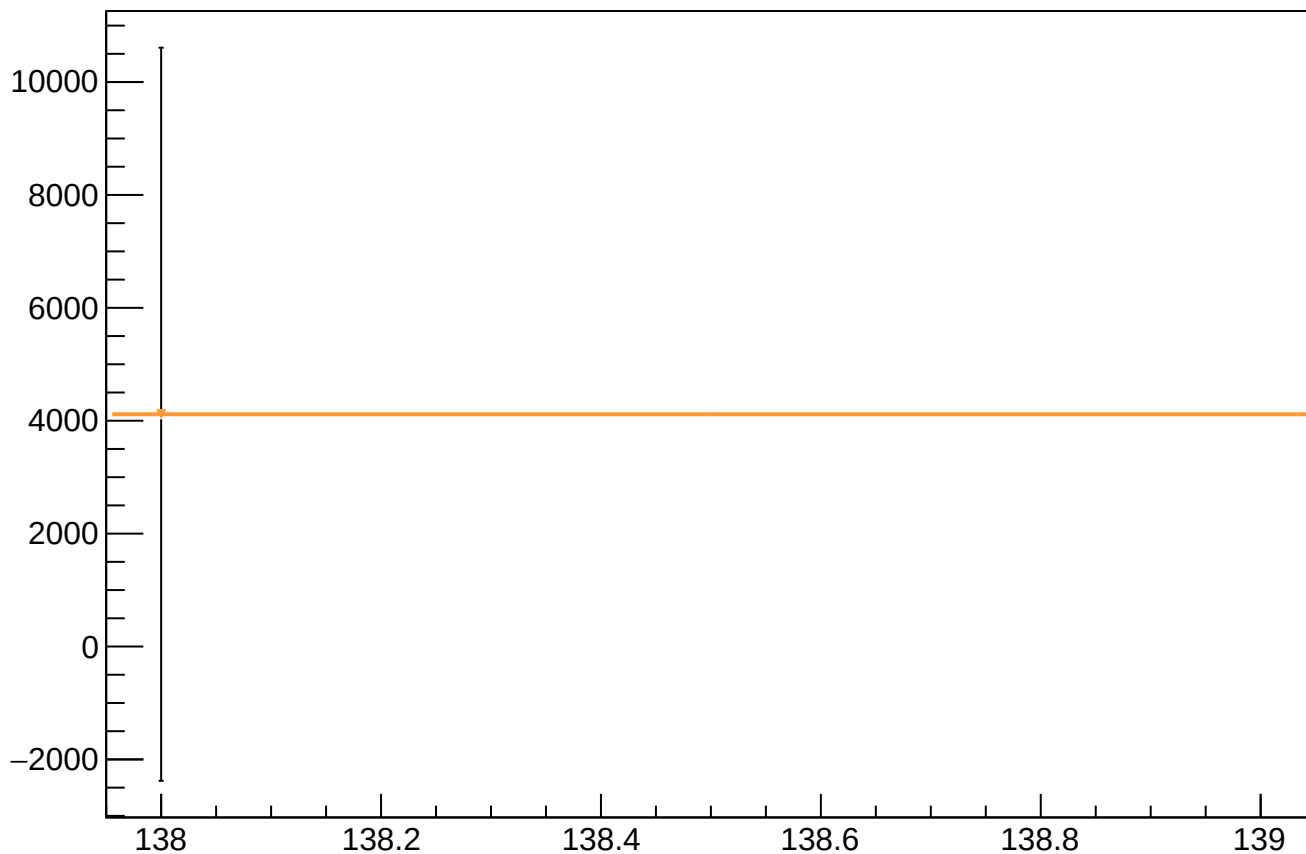
Right: 1790.310+/-0.350 χ^2/NDF : 1248859.1/35

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

Out: 1856.695+/-0.481 χ^2/NDF : 574437.8/19

All: 1802.906+/-0.344 χ^2/NDF : 1282471.2/36

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4115.072+/-6493.920 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: 4115.072+/-6493.920 χ^2/NDF : 0.0/0

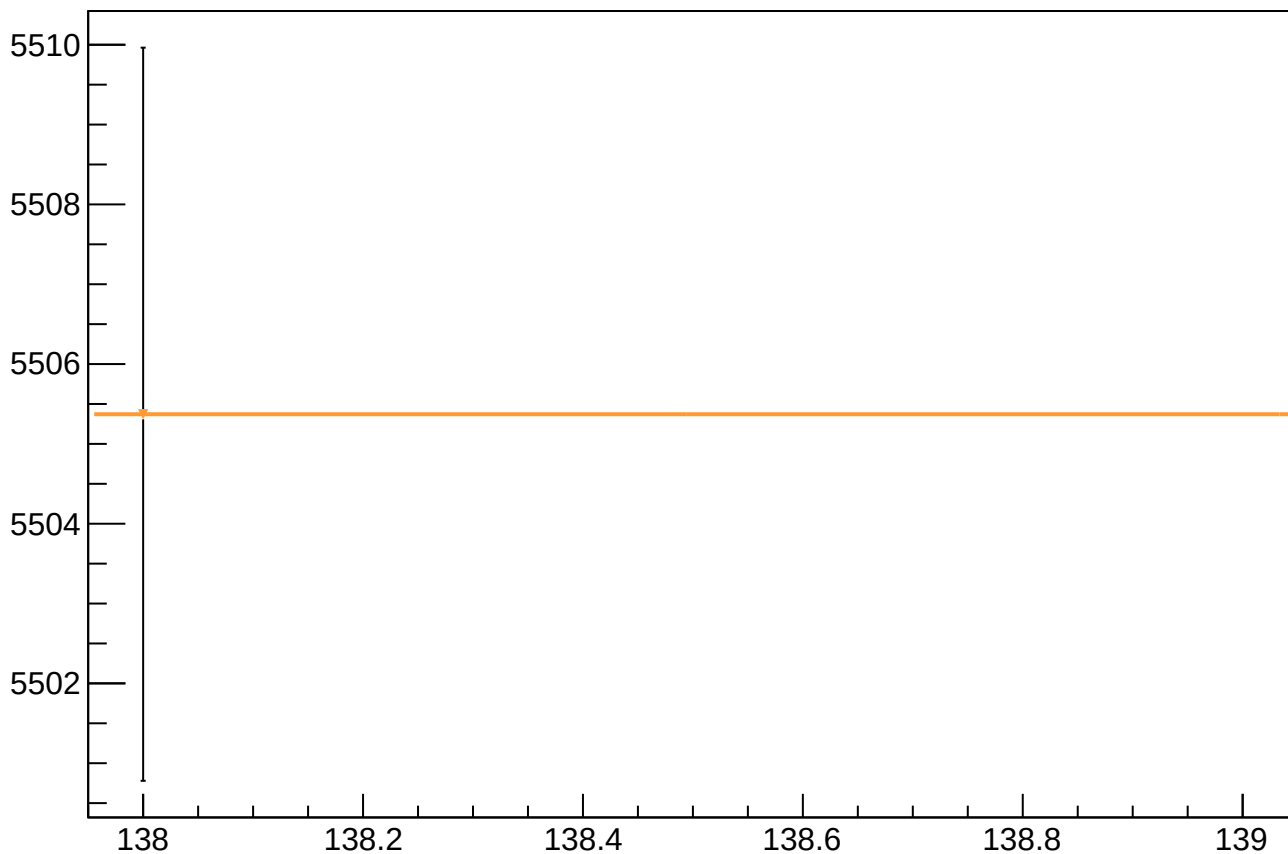
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 4115.072+/-6493.920 χ^2/NDF : 0.0/0

All: 4115.072+/-6493.920 χ^2/NDF : 0.0/0

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 5505.372+/-4.592 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: 5505.372+/-4.592 χ^2/NDF : 0.0/0

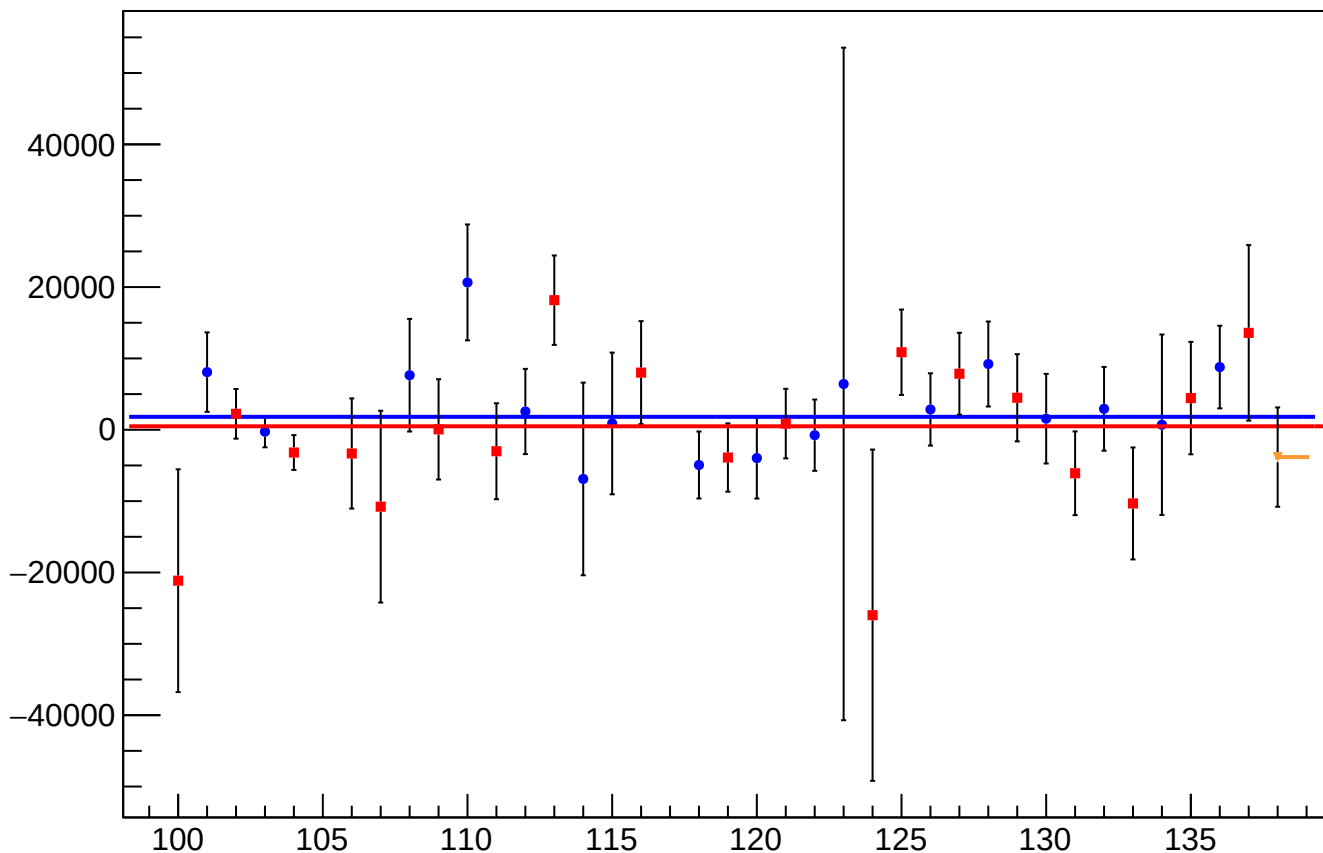
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 5505.372+/-4.592 χ^2/NDF : 0.0/0

All: 5505.372+/-4.592 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -3826.530+/-6960.340 χ^2/NDF : 0.0/0

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

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

Left: -3826.530+/-6960.340 χ^2/NDF : 0.0/0

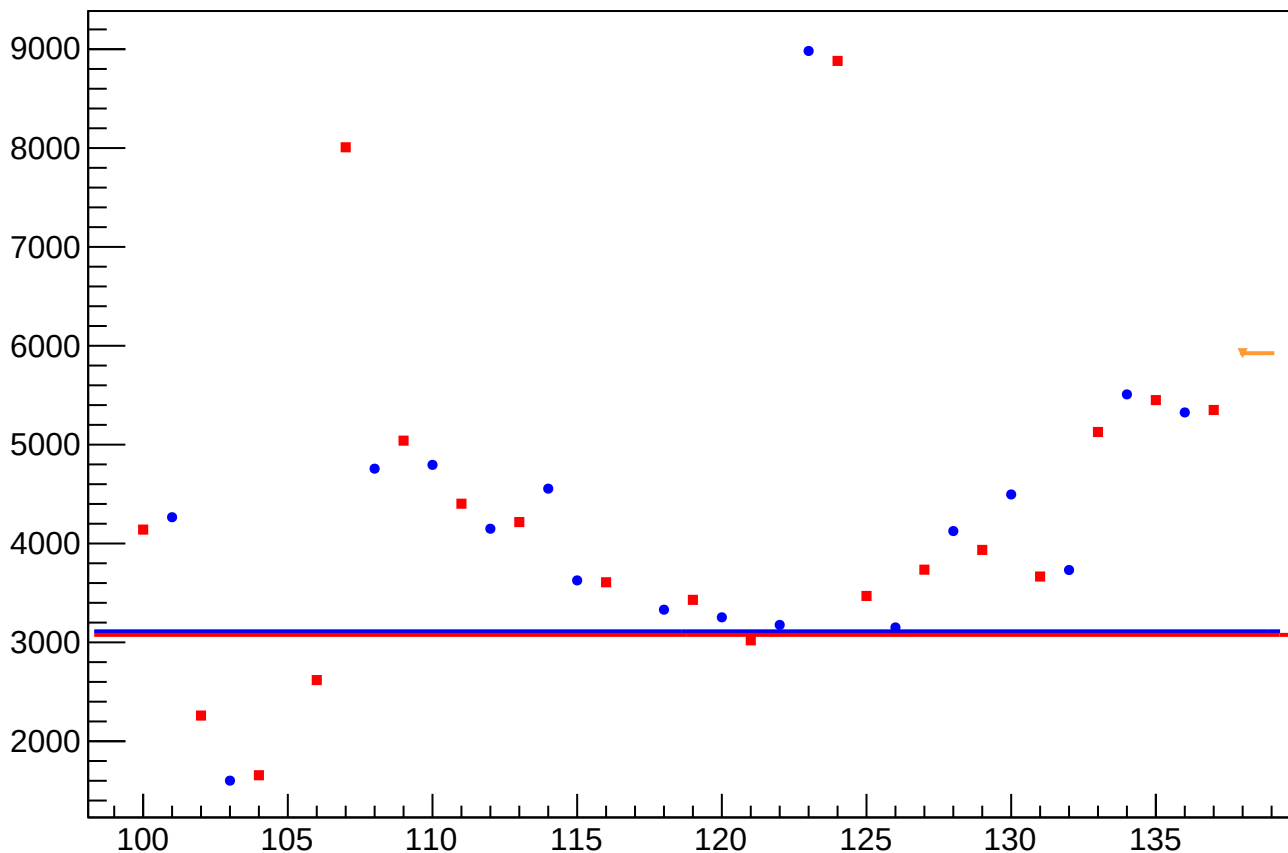
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

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

Out: 345.910+/-1264.666 χ^2/NDF : 26.8/19

All: 1059.123+/-906.933 χ^2/NDF : 42.5/36

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5924.760+/-4.922 χ^2/NDF : 0.0/0

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

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

Left: 5924.760+/-4.922 χ^2/NDF : 0.0/0

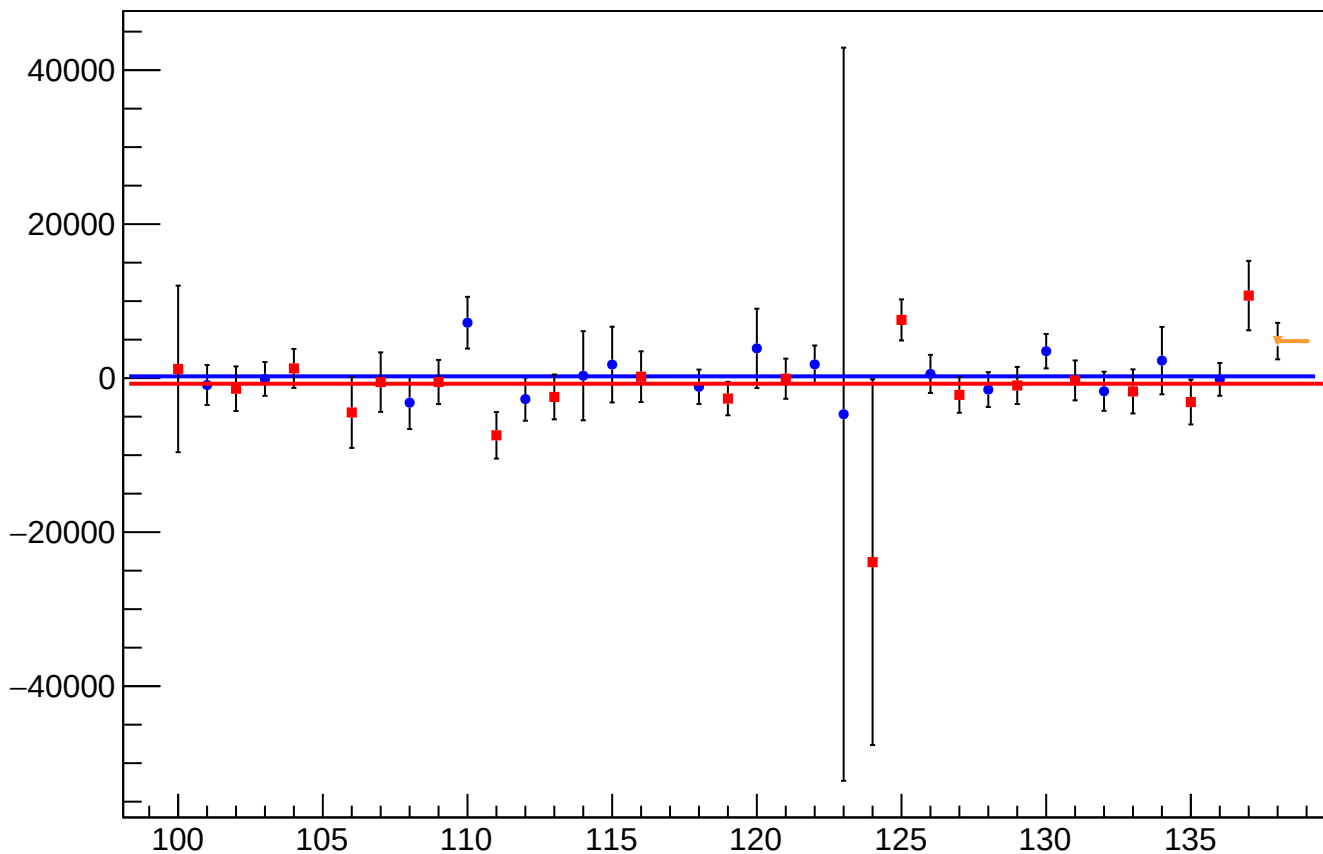
Right: 3093.209+/-0.642 χ^2/NDF : 3889323.9/35

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

Out: 3167.238+/-0.882 χ^2/NDF : 2333877.8/19

All: 3140.586+/-0.637 χ^2/NDF : 4214778.0/36

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 4812.188+/-2370.790 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 4812.188+/-2370.790 χ^2/NDF : 0.0/0

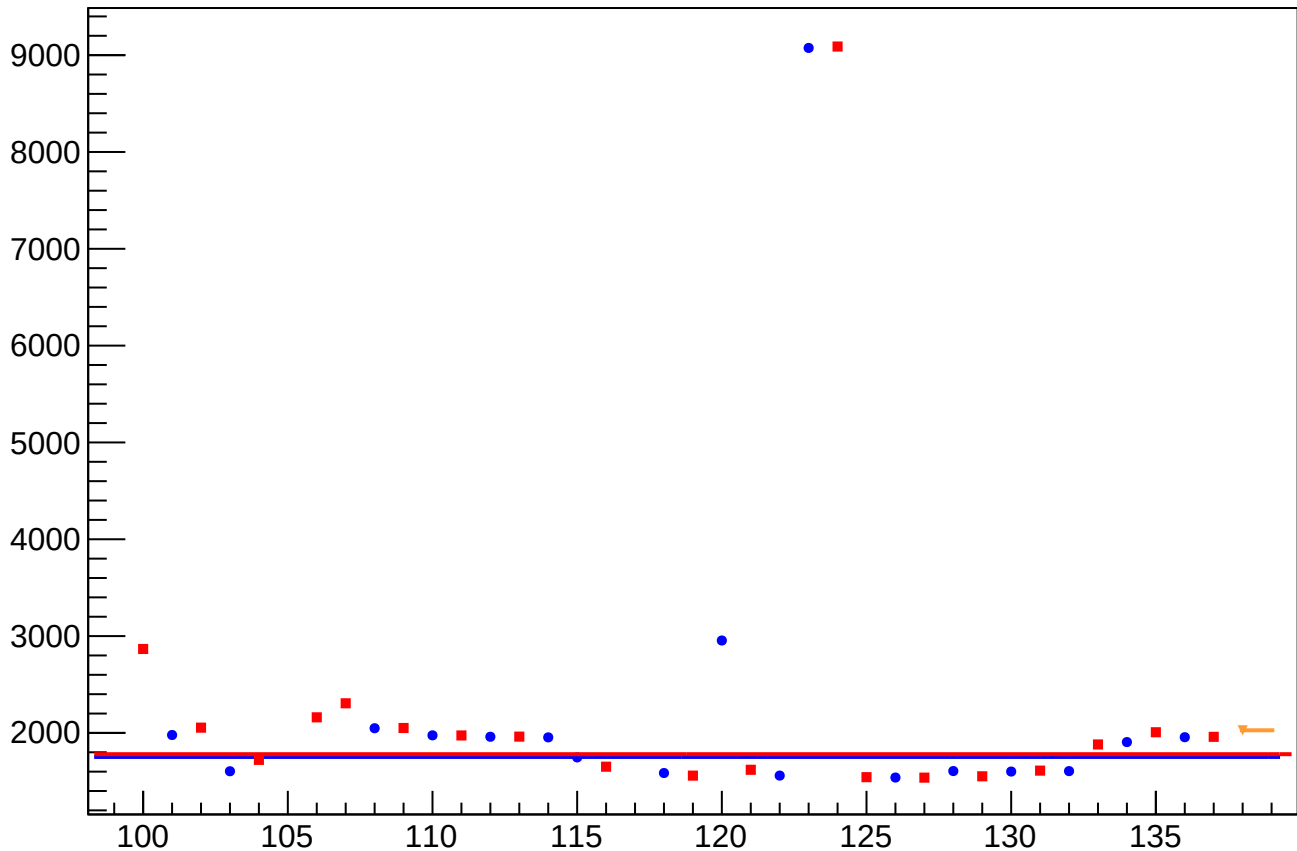
Right: -248.748+/-484.705 χ^2/NDF : 38.3/35

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

Out: -300.386+/-657.350 χ^2/NDF :30.8/19

All: -45.692+/-474.882 χ^2/NDF : 42.7/36

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2027.095+/-1.676 χ^2/NDF : 0.0/0

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

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

Left: 2027.095+/-1.676 χ^2/NDF : 0.0/0

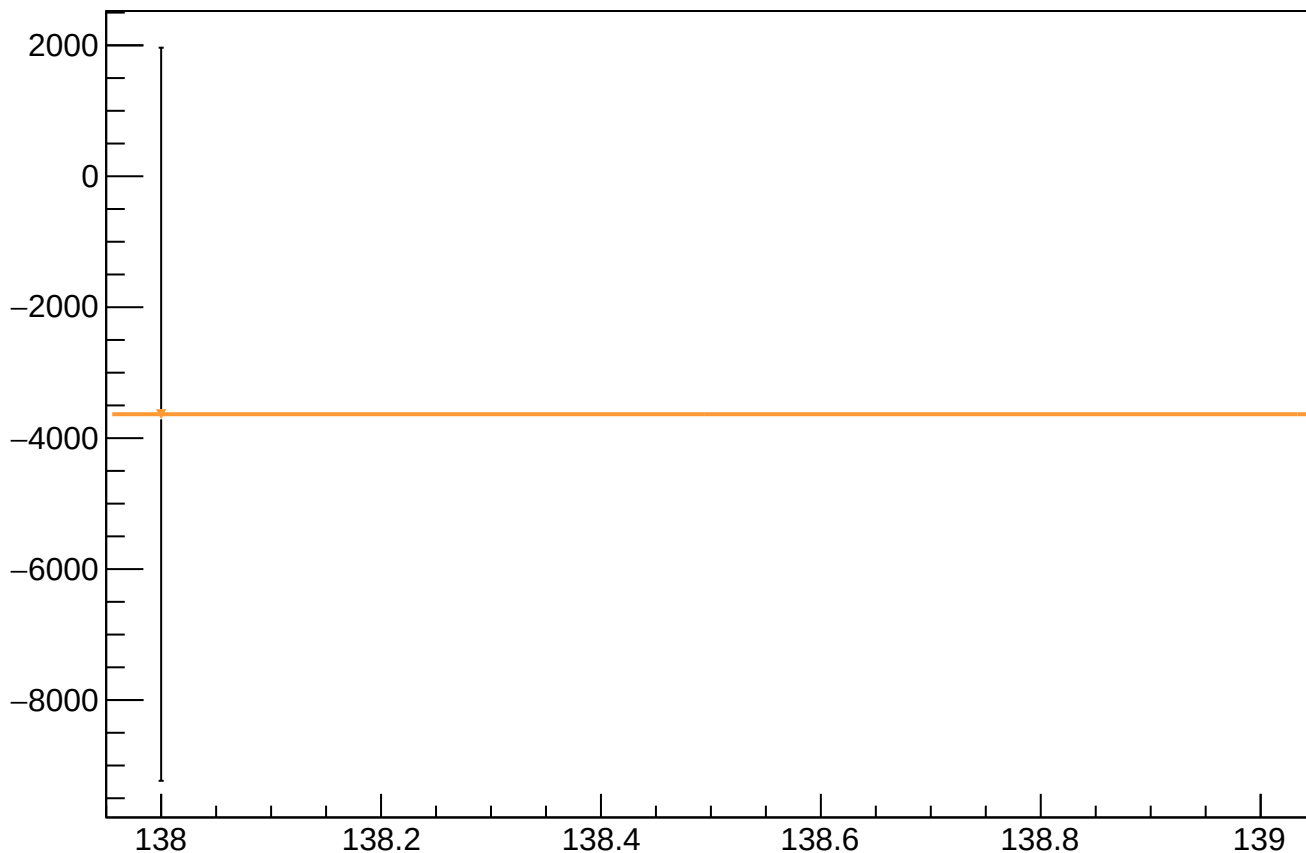
Right: 1766.106+/-0.342 χ^2/NDF : 730940.0/35

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

Out: 1799.134+/-0.464 χ^2/NDF : 448353.8/19

All: 1776.562+/-0.336 χ^2/NDF : 754206.5/36

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3634.610+/-5598.910 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: -3634.610+/-5598.910 χ^2/NDF : 0.0/0

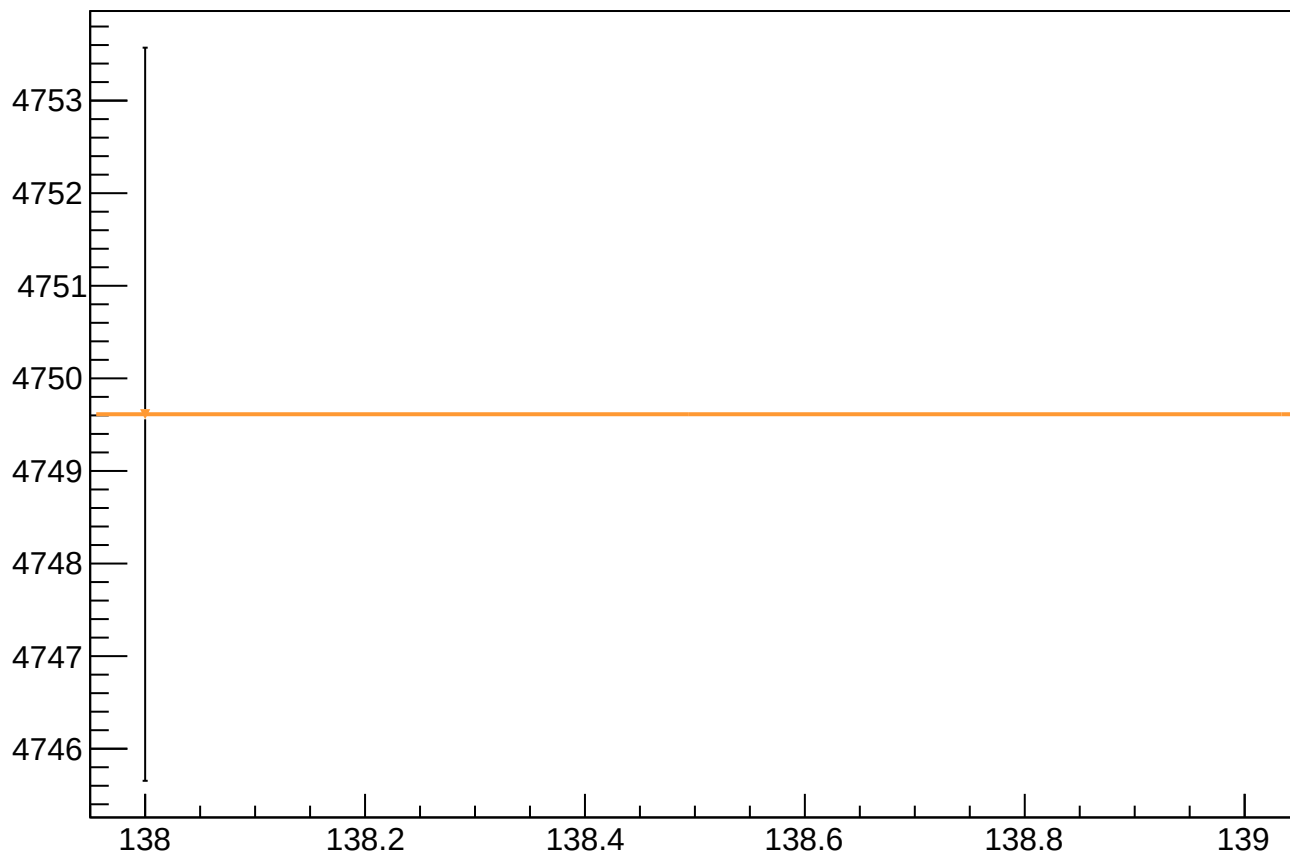
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -3634.610+/-5598.910 χ^2/NDF : 0.0/0

All: -3634.610+/-5598.910 χ^2/NDF : 0.0/0

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4749.613+/-3.959 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: 4749.613+/-3.959 χ^2/NDF : 0.0/0

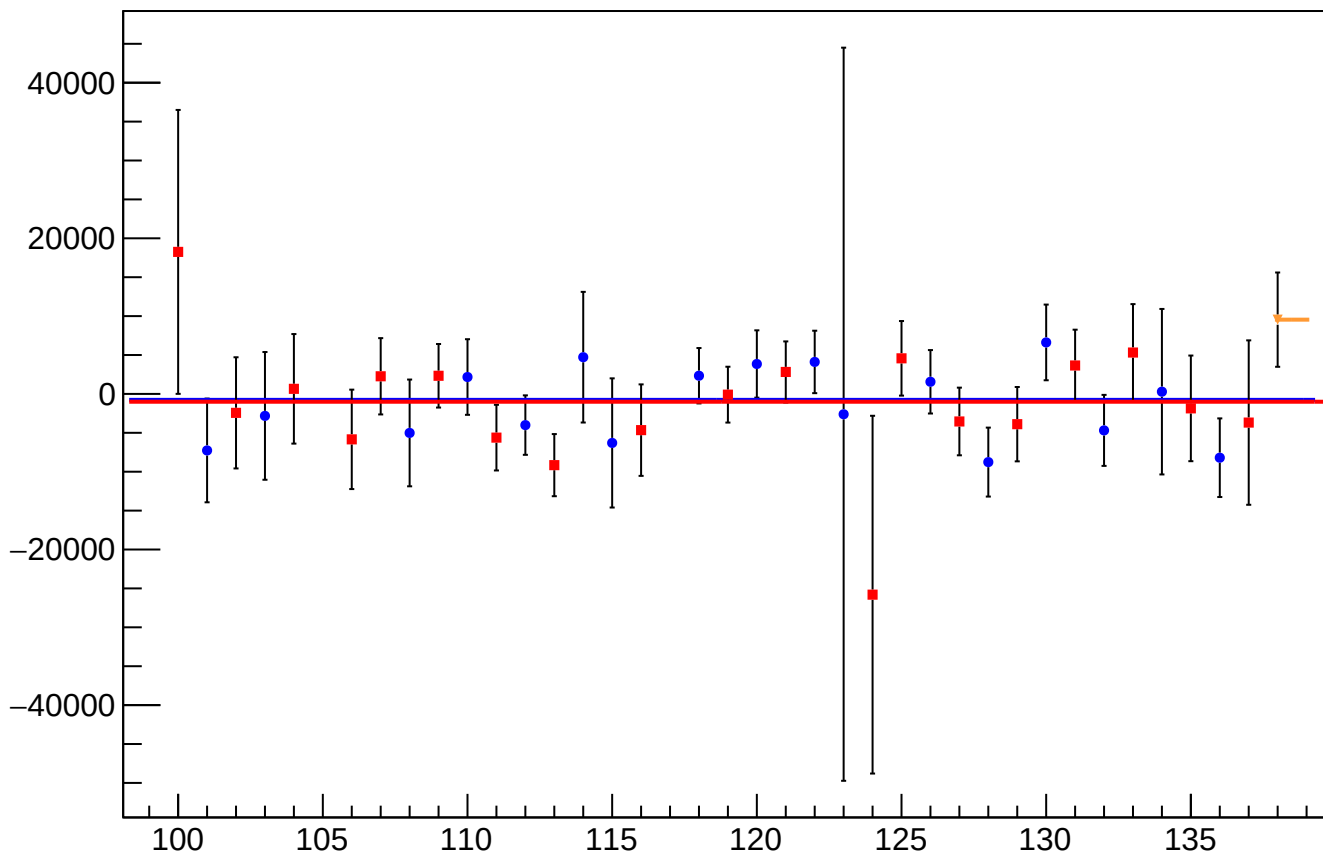
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 4749.613+/-3.959 χ^2/NDF : 0.0/0

All: 4749.613+/-3.959 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 9544.505 ± 6059.824 χ^2/NDF : 0.0/0

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

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

Left: 9544.505 ± 6059.824 χ^2/NDF : 0.0/0

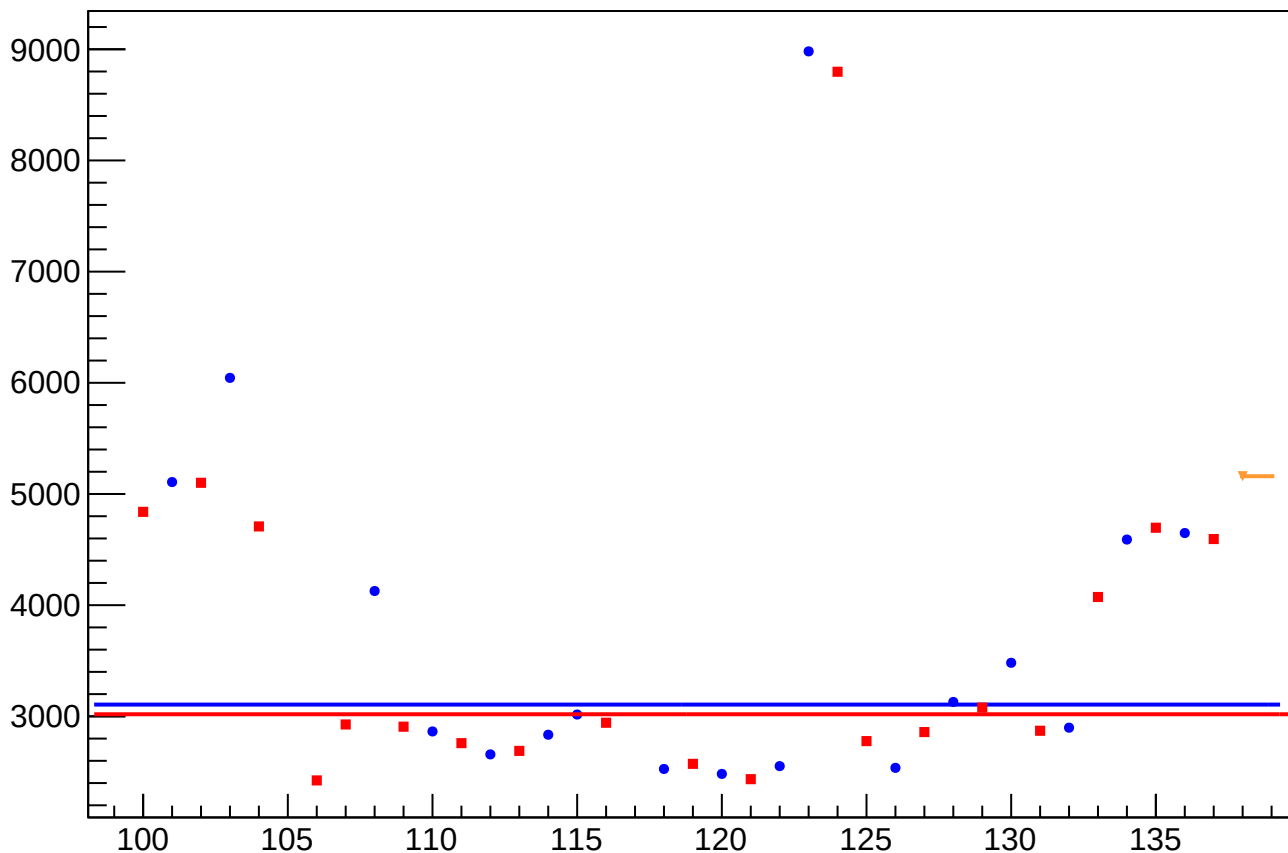
Right: -890.508 ± 861.557 χ^2/NDF : 30.6/35

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

Out: -612.374 ± 1168.752 χ^2/NDF : 17.9/19

All: -683.756 ± 852.979 χ^2/NDF : 33.5/36

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 5159.868+/-4.285 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 5159.868+/-4.285 χ^2/NDF : 0.0/0

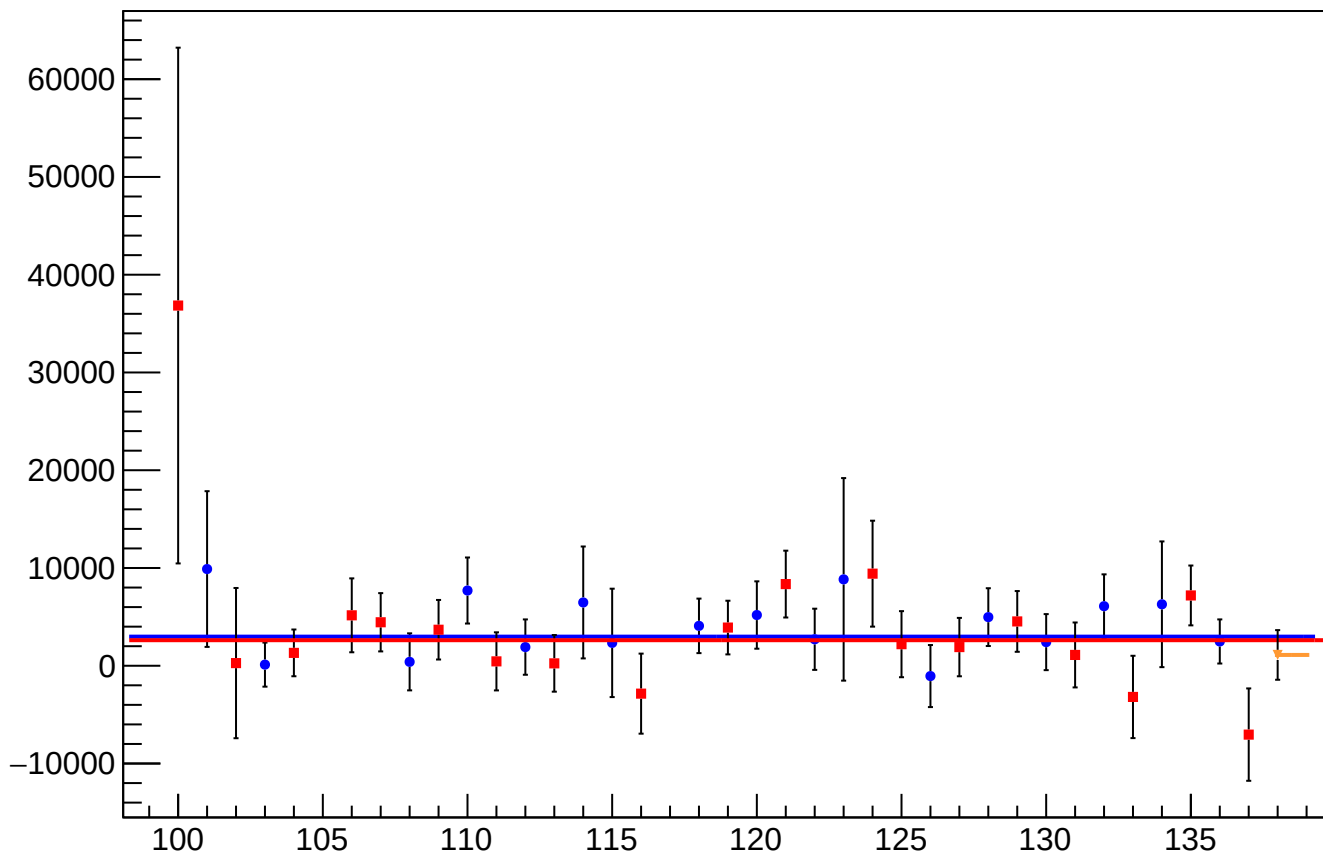
Right: 3059.752+/-0.605 χ^2/NDF : 1759257.8/35

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

Out: 3096.526+/-0.817 χ^2/NDF :1034886.2/19

All: 3100.827+/-0.599 χ^2/NDF : 1994772.7/36

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1106.451+/-2539.017 χ^2/NDF : 0.0/0

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

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

Left: 1106.451+/-2539.017 χ^2/NDF : 0.0/0

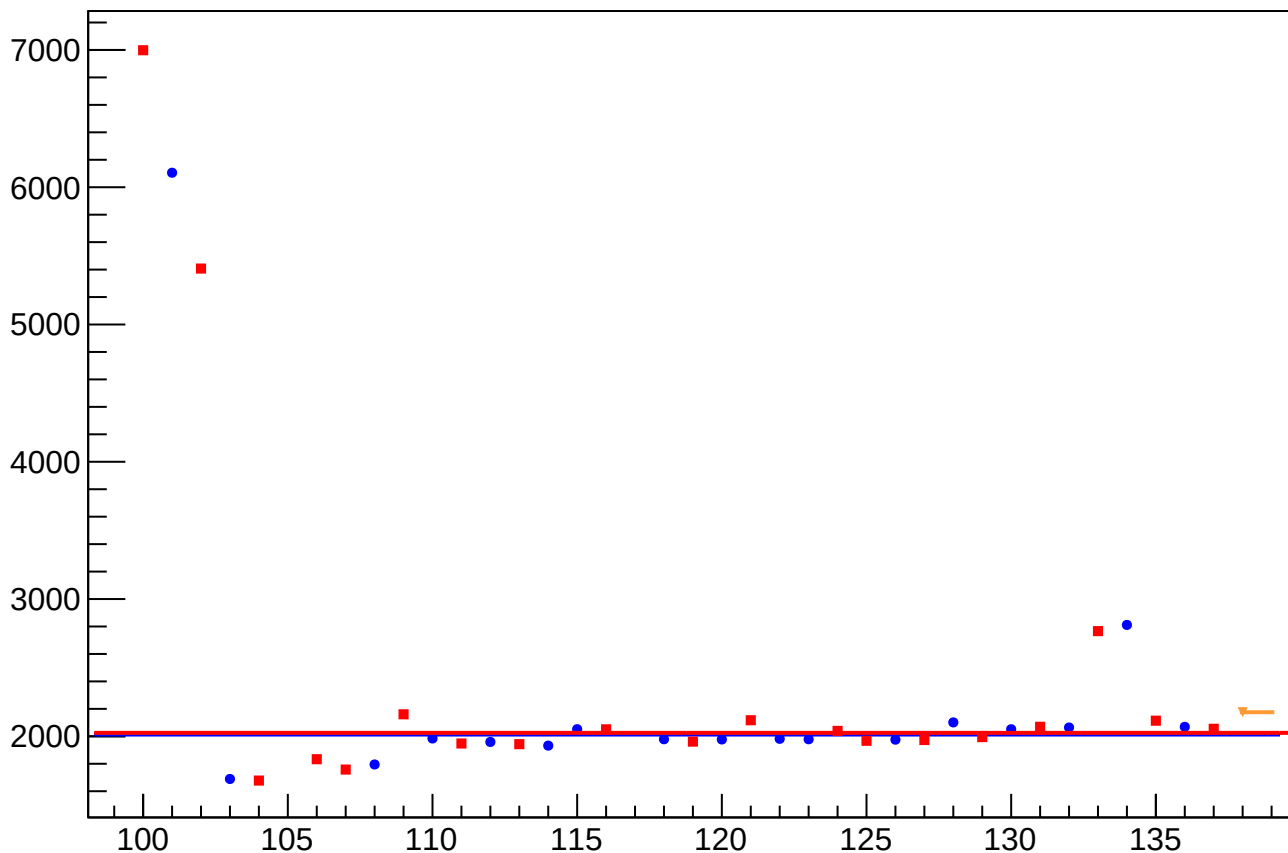
Right: 2793.353+/-558.079 χ^2/NDF : 29.6/35

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

Out: 2482.901+/-748.427 χ^2/NDF : 19.9/19

All: 2715.610+/-545.067 χ^2/NDF : 30.0/36

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2175.505+/-1.795 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 2175.505+/-1.795 χ^2/NDF : 0.0/0

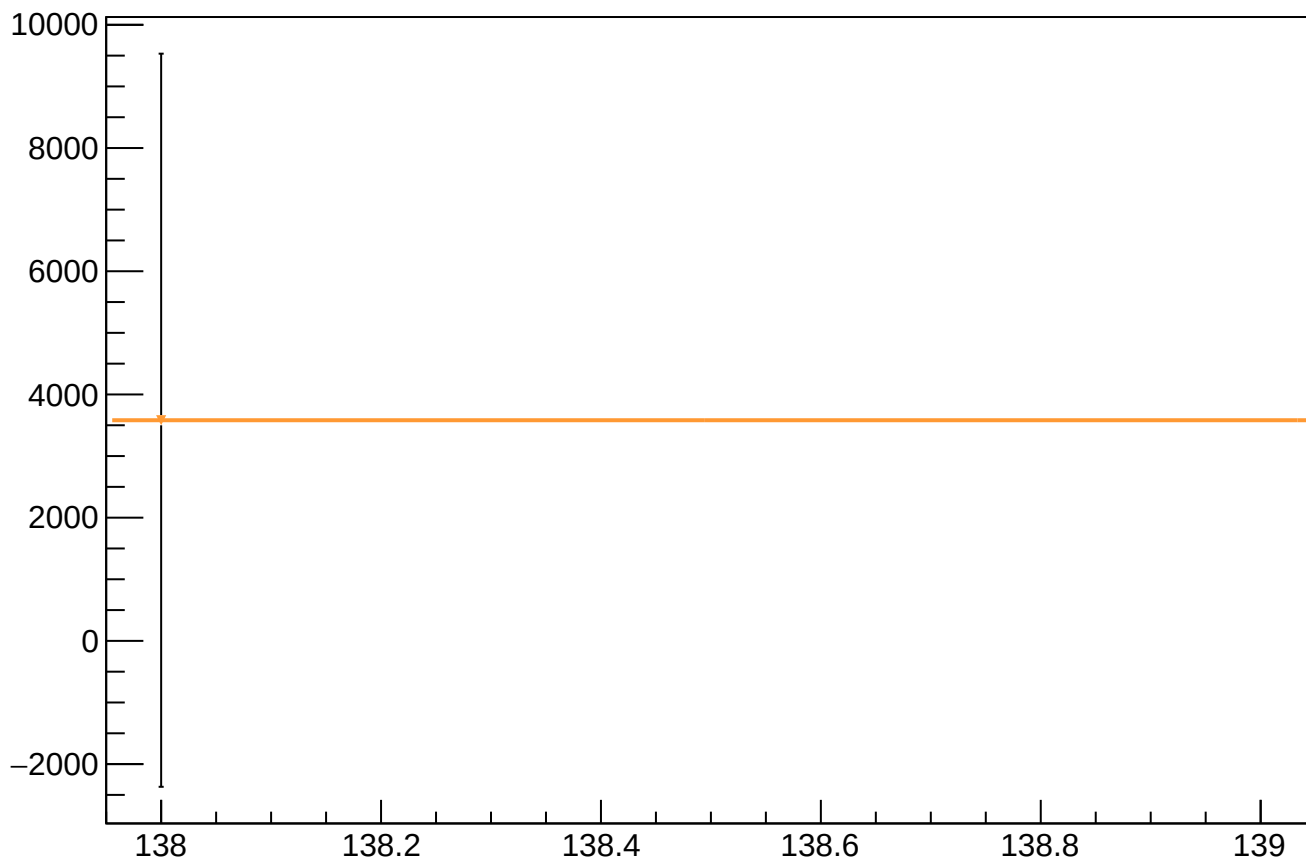
Right: 2019.103+/-0.395 χ^2/NDF : 1215366.0/35

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

Out: 2038.133+/-0.529 χ^2/NDF :603833.9/19

All: 2026.309+/-0.385 χ^2/NDF : 1222605.3/36

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3581.541+/-5950.085 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: 3581.541+/-5950.085 χ^2/NDF : 0.0/0

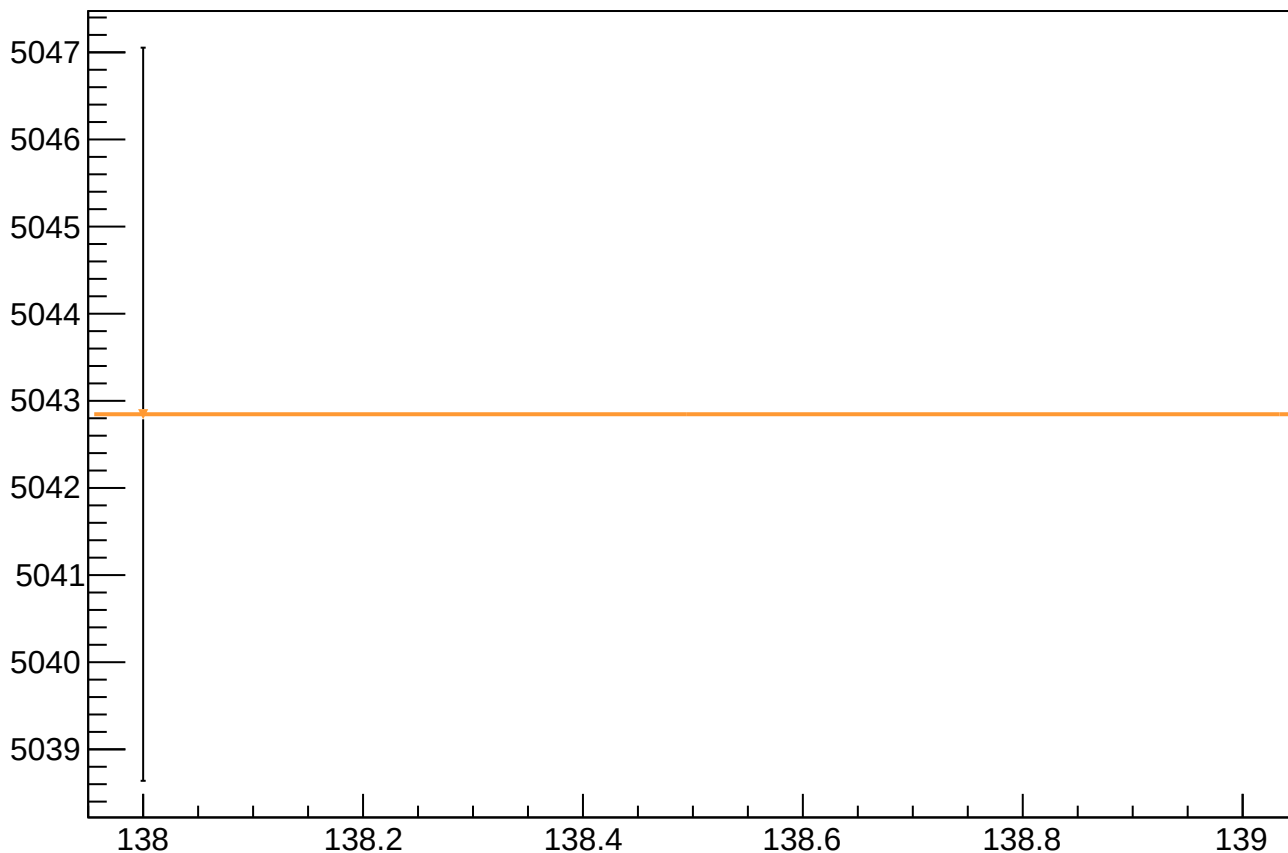
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 3581.541+/-5950.085 χ^2/NDF : 0.0/0

All: 3581.541+/-5950.085 χ^2/NDF : 0.0/0

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 5042.846+/-4.207 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: 5042.846+/-4.207 χ^2/NDF : 0.0/0

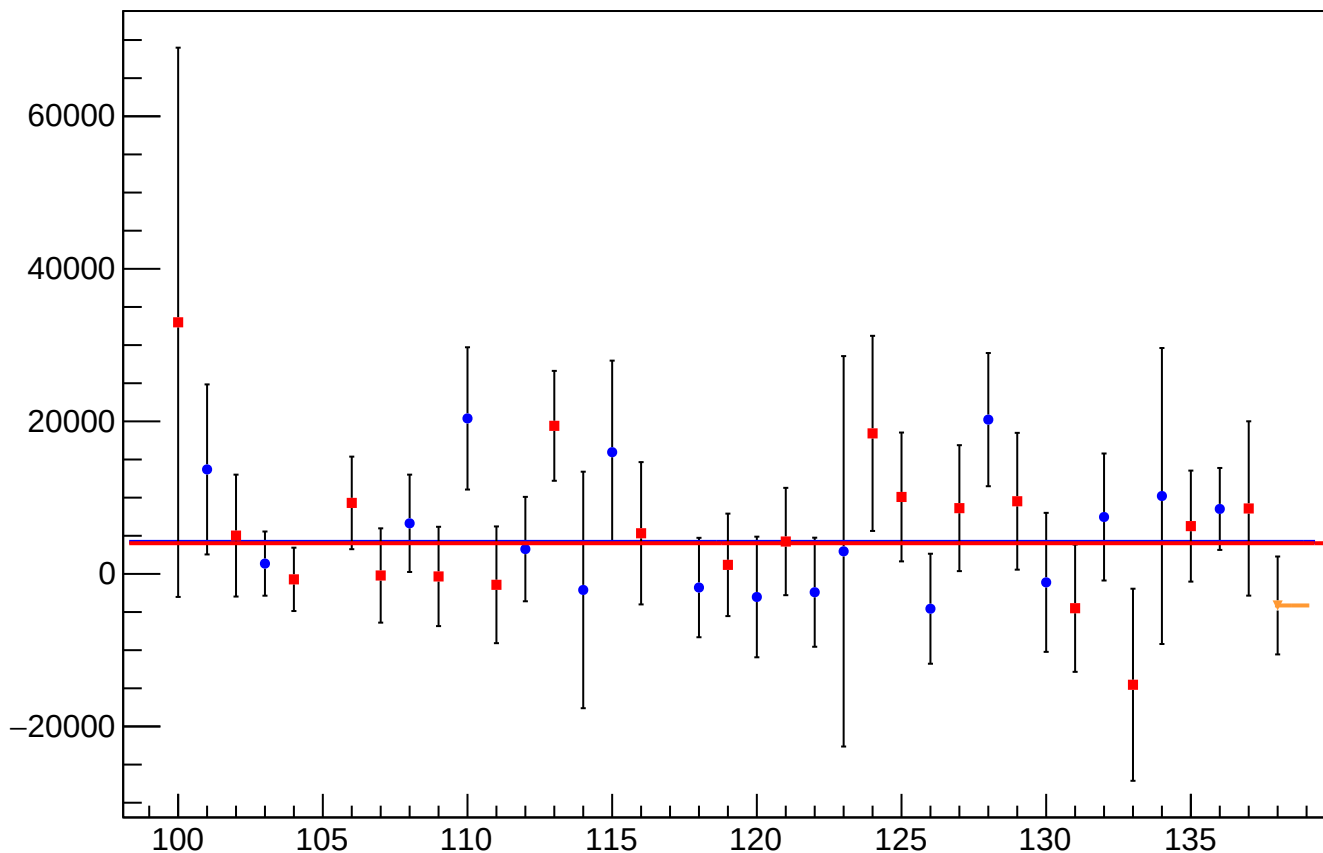
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 5042.846+/-4.207 χ^2/NDF : 0.0/0

All: 5042.846+/-4.207 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -4136.747+/-6418.356 χ^2/NDF : 0.0/0

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

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

Left: -4136.747+/-6418.356 χ^2/NDF : 0.0/0

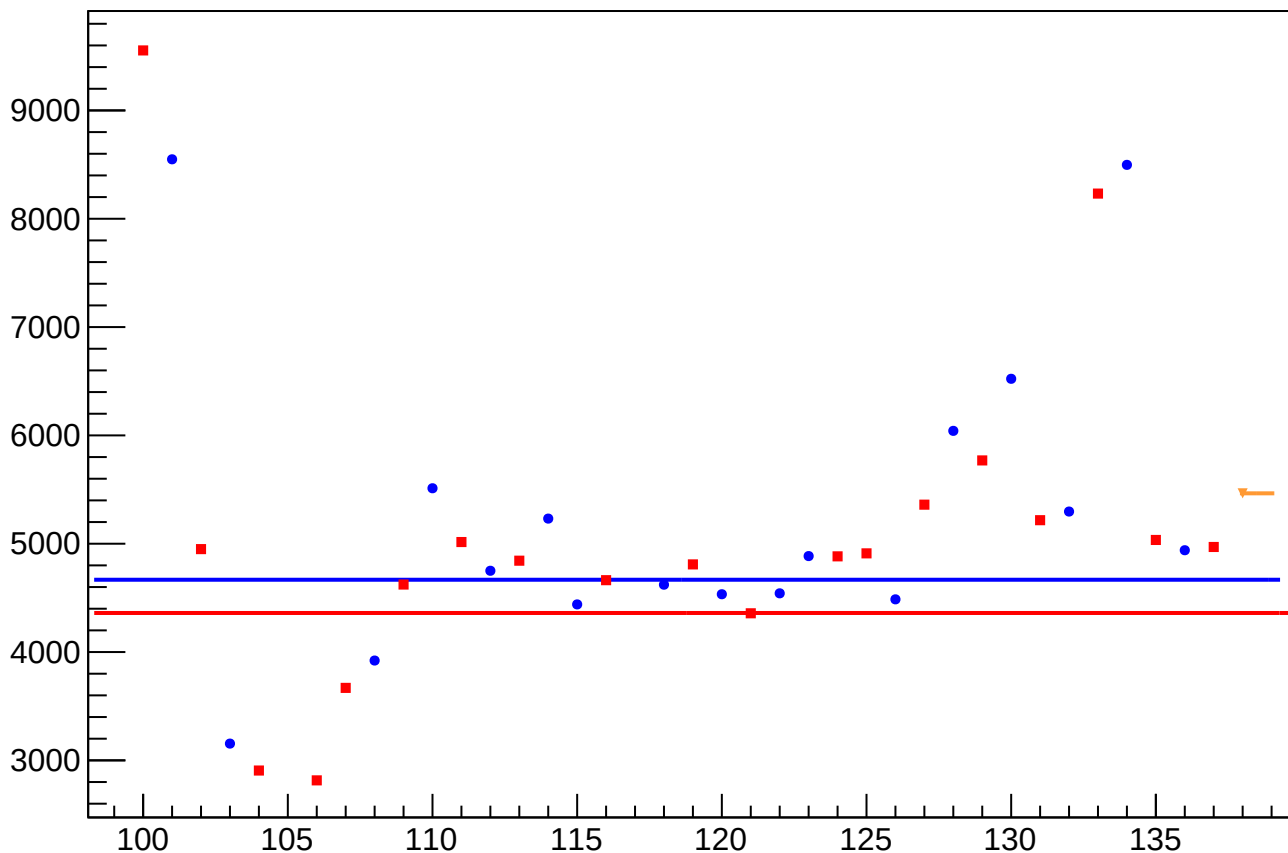
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

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

Out: 3473.834+/-1666.052 χ^2/NDF : 16.4/19

All: 3796.971+/-1240.347 χ^2/NDF : 30.5/36

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5465.140+/-4.538 χ^2/NDF : 0.0/0

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

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

Left: 5465.140+/-4.538 χ^2/NDF : 0.0/0

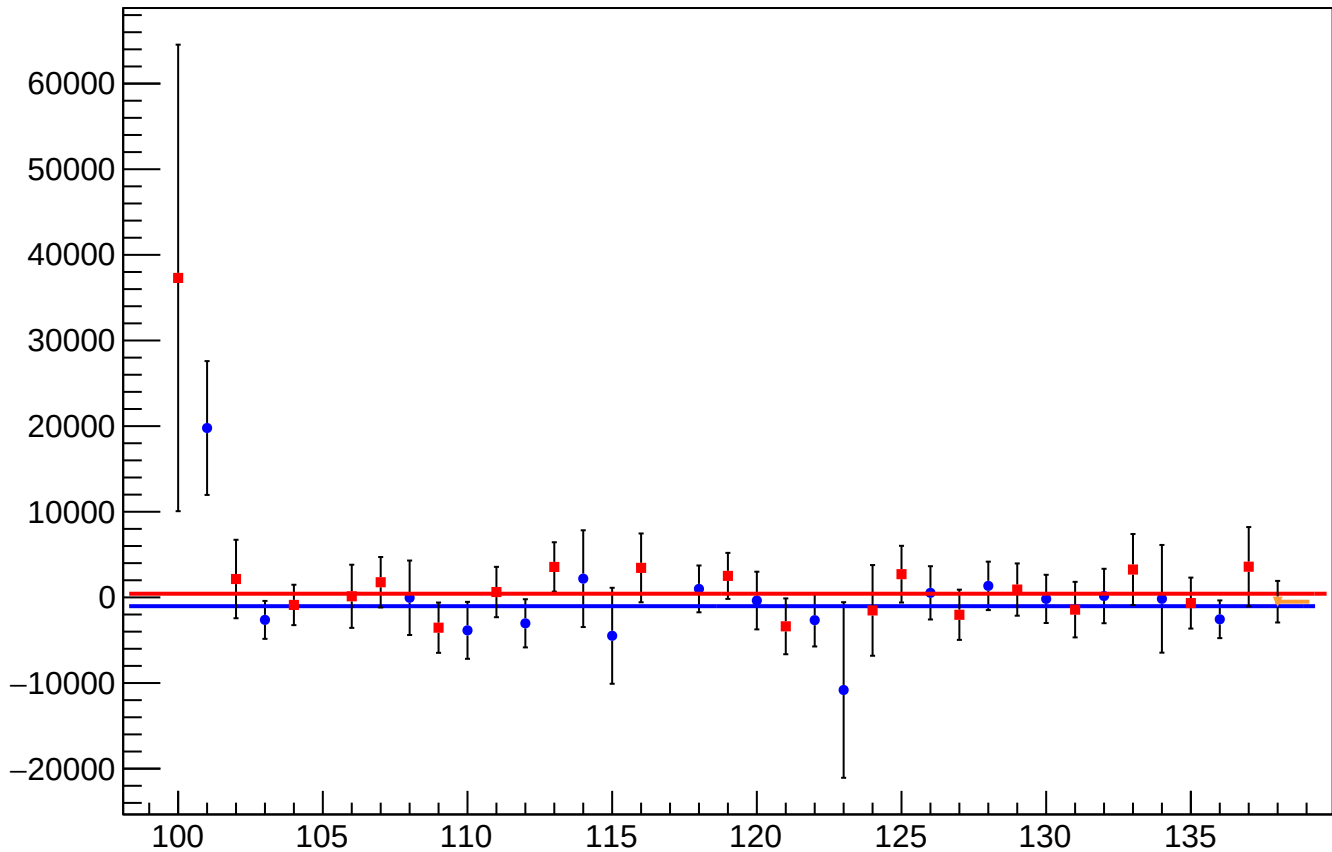
Right: 4501.800+/-0.891 χ^2/NDF : 1640064.7/35

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

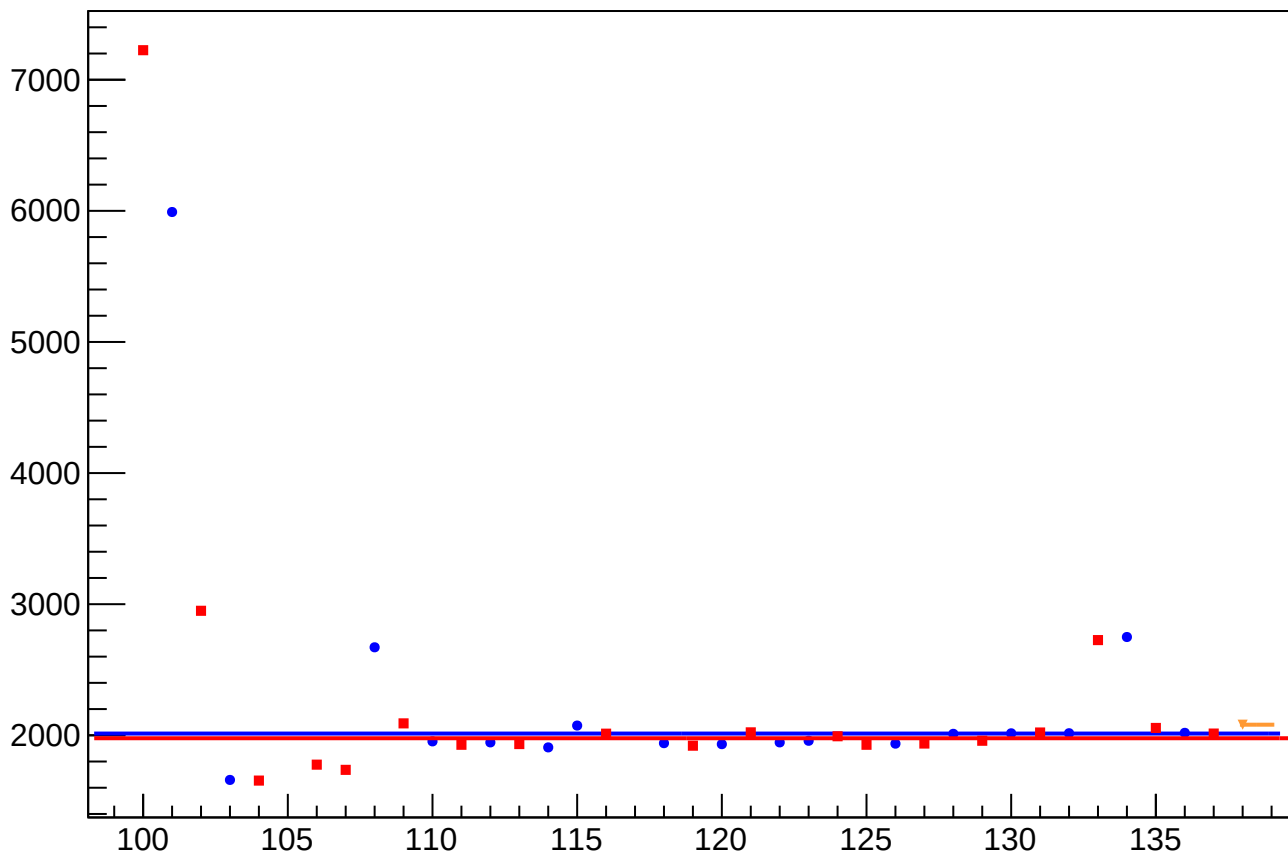
Out: 4434.207+/-1.172 χ^2/NDF : 888029.4/19

All: 4537.561+/-0.874 χ^2/NDF : 1683447.0/36

dit_asym_atr_dd_mean vs Slug, Sign Corrected



dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2080.852+/-1.716 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 2080.852+/-1.716 χ^2/NDF : 0.0/0

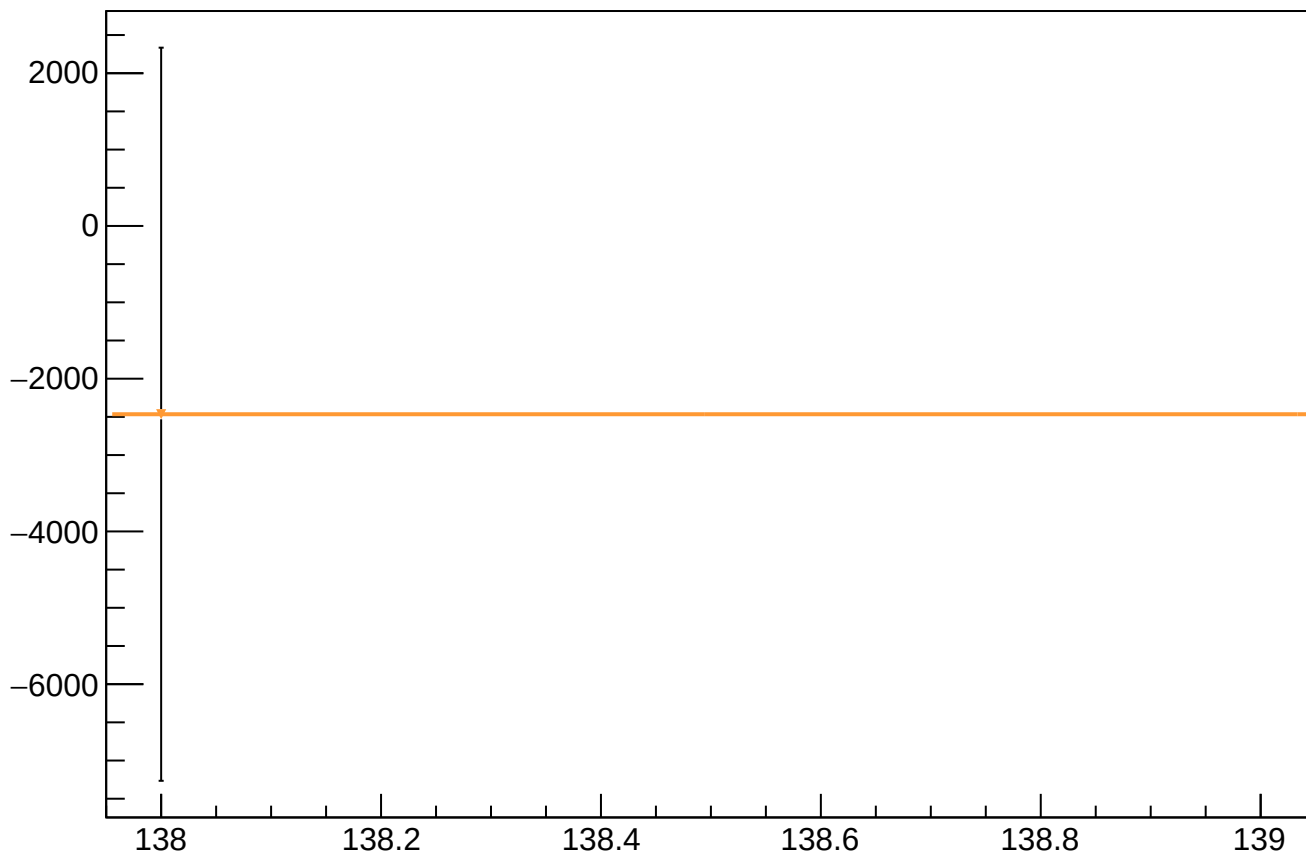
Right: 1994.568+/-0.389 χ^2/NDF : 947053.5/35

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

Out: 1986.768+/-0.513 χ^2/NDF :298198.2/19

All: 1998.780+/-0.379 χ^2/NDF : 949457.2/36

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2465.419+/-4799.923 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: -2465.419+/-4799.923 χ^2/NDF : 0.0/0

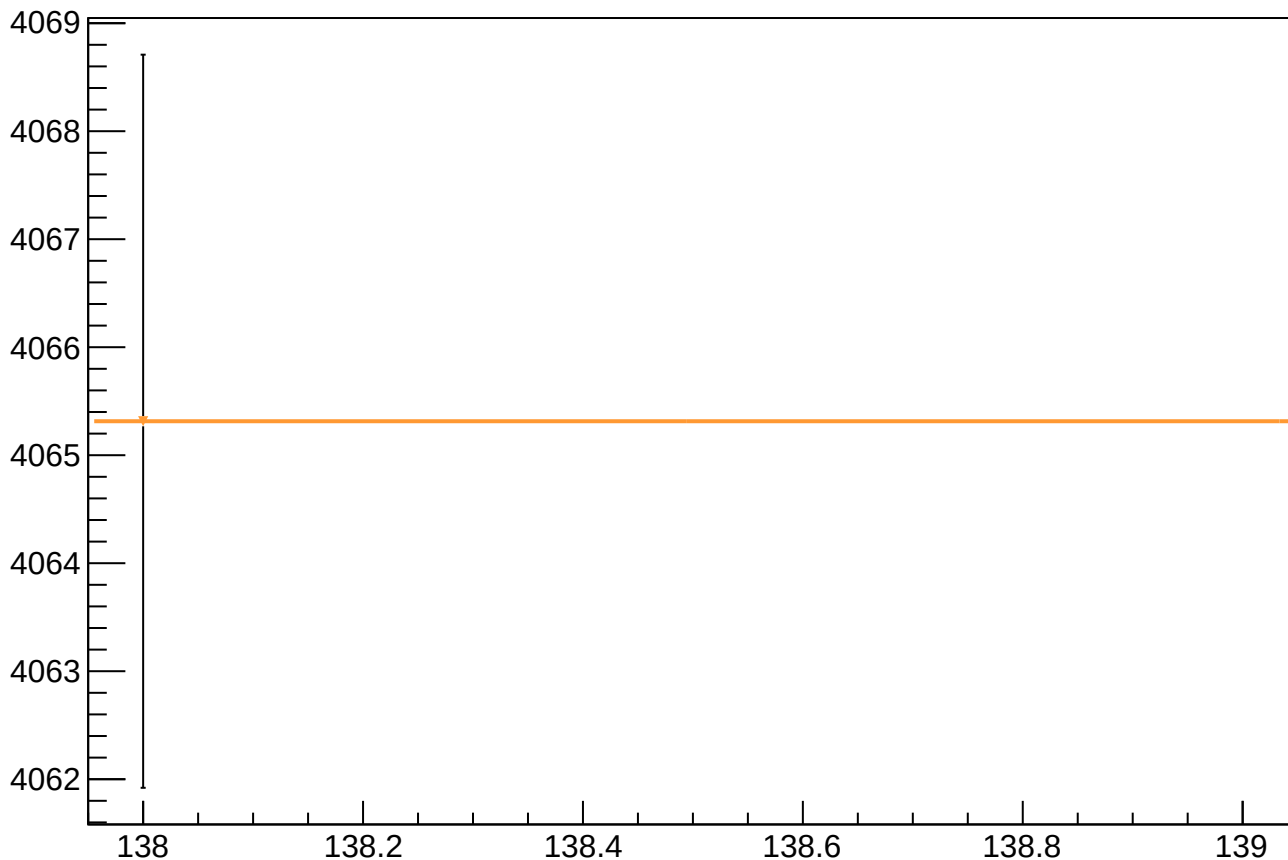
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -2465.419+/-4799.923 χ^2/NDF : 0.0/0

All: -2465.419+/-4799.923 χ^2/NDF : 0.0/0

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4065.315+/-3.394 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: 4065.315+/-3.394 χ^2 /NDF: 0.0/0

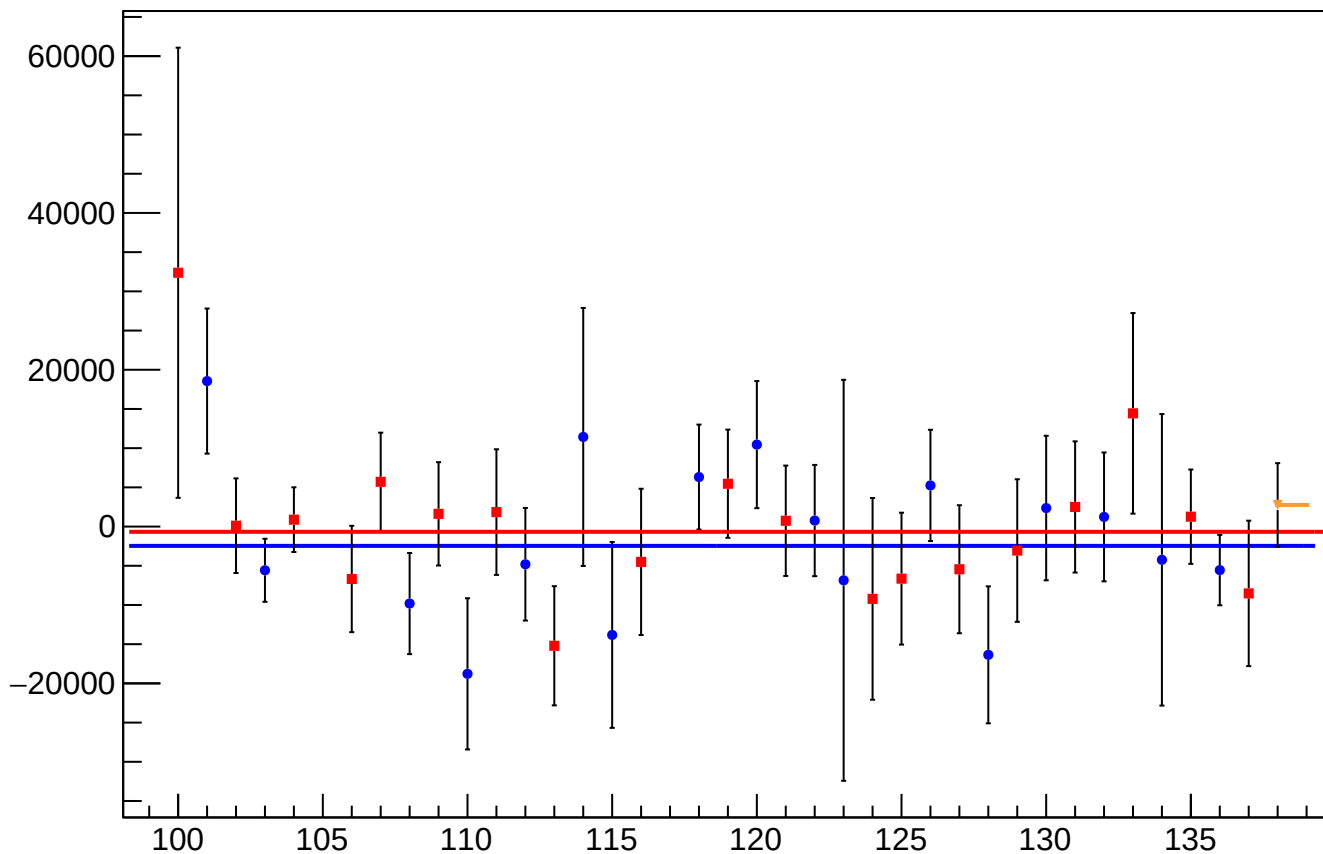
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 4065.315+/-3.394 χ^2 /NDF:0.0/0

All: 4065.315+/-3.394 χ^2 /NDF: 0.0/0

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2462.254 $\pm$ 1797.293 χ^2 /NDF: 20.8/16

Left Out: 2759.468 $\pm$ 5329.044 χ^2 /NDF:0.0/0

Right Out: -666.170 $\pm$ 1689.812 χ^2 /NDF: 11.9/18

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

Left: 2759.468 $\pm$ 5329.044 χ^2 /NDF: 0.0/0

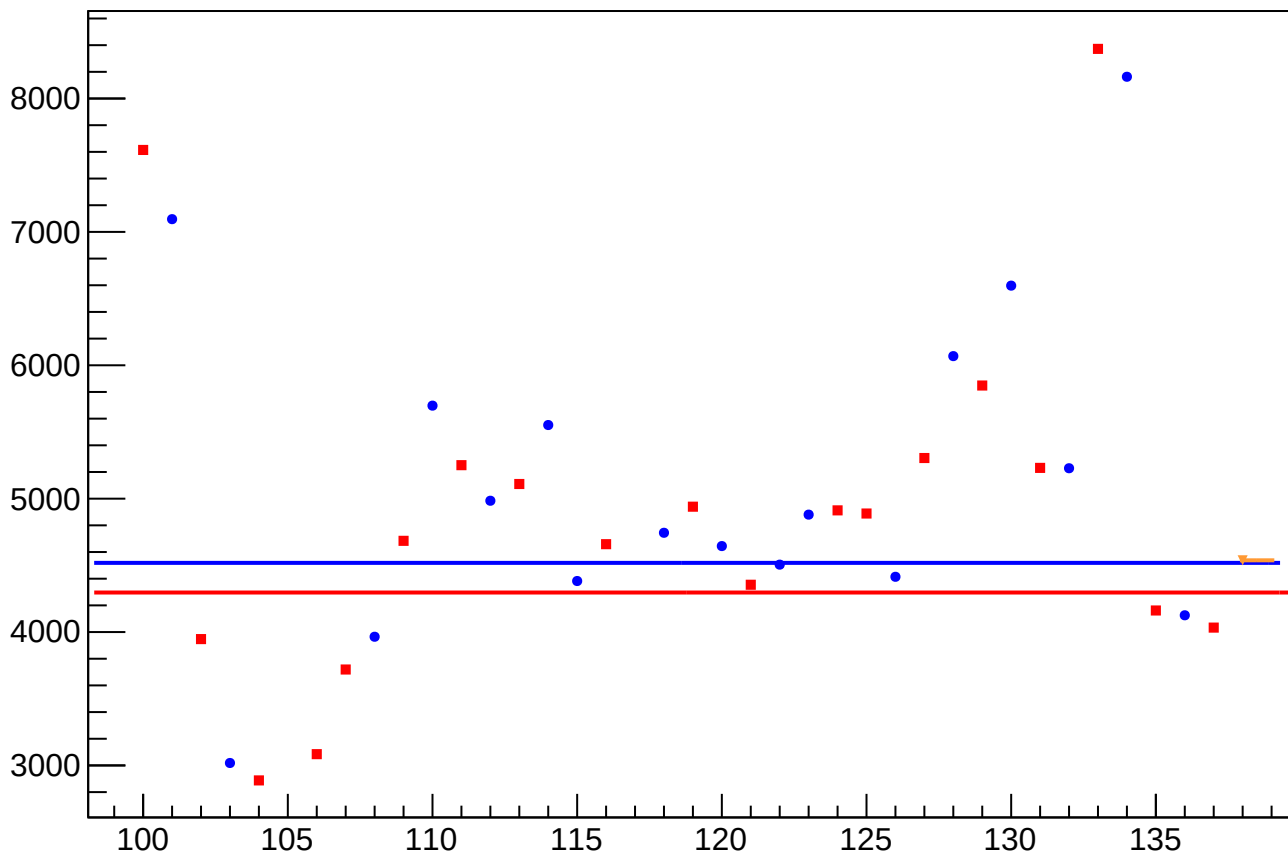
Right: -1508.905 $\pm$ 1231.122 χ^2 /NDF: 33.3/35

In: -2462.254 $\pm$ 1797.293 χ^2 /NDF:20.8/16

Out: -353.195 $\pm$ 1610.770 χ^2 /NDF:12.3/19

All: -1292.641 $\pm$ 1199.528 χ^2 /NDF: 33.9/36

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4537.753+/-3.768 χ^2/NDF : 0.0/0

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

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

Left: 4537.753+/-3.768 χ^2/NDF : 0.0/0

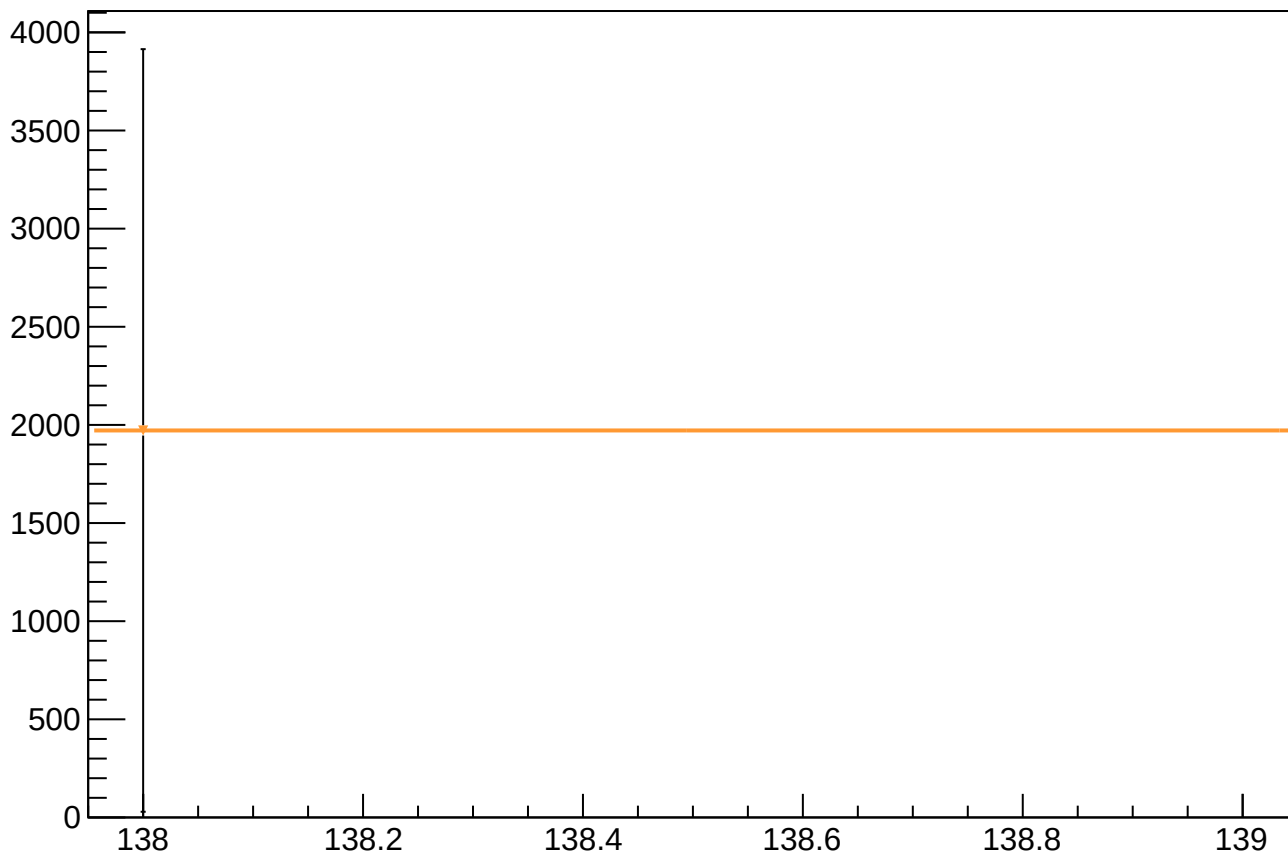
Right: 4400.071+/-0.868 χ^2/NDF : 1558255.2/35

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

Out: 4318.209+/-1.133 χ^2/NDF : 775434.5/19

All: 4407.007+/-0.846 χ^2/NDF : 1559523.0/36

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: 1971.753+/-1942.771 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: 1971.753+/-1942.771 χ^2/NDF : 0.0/0

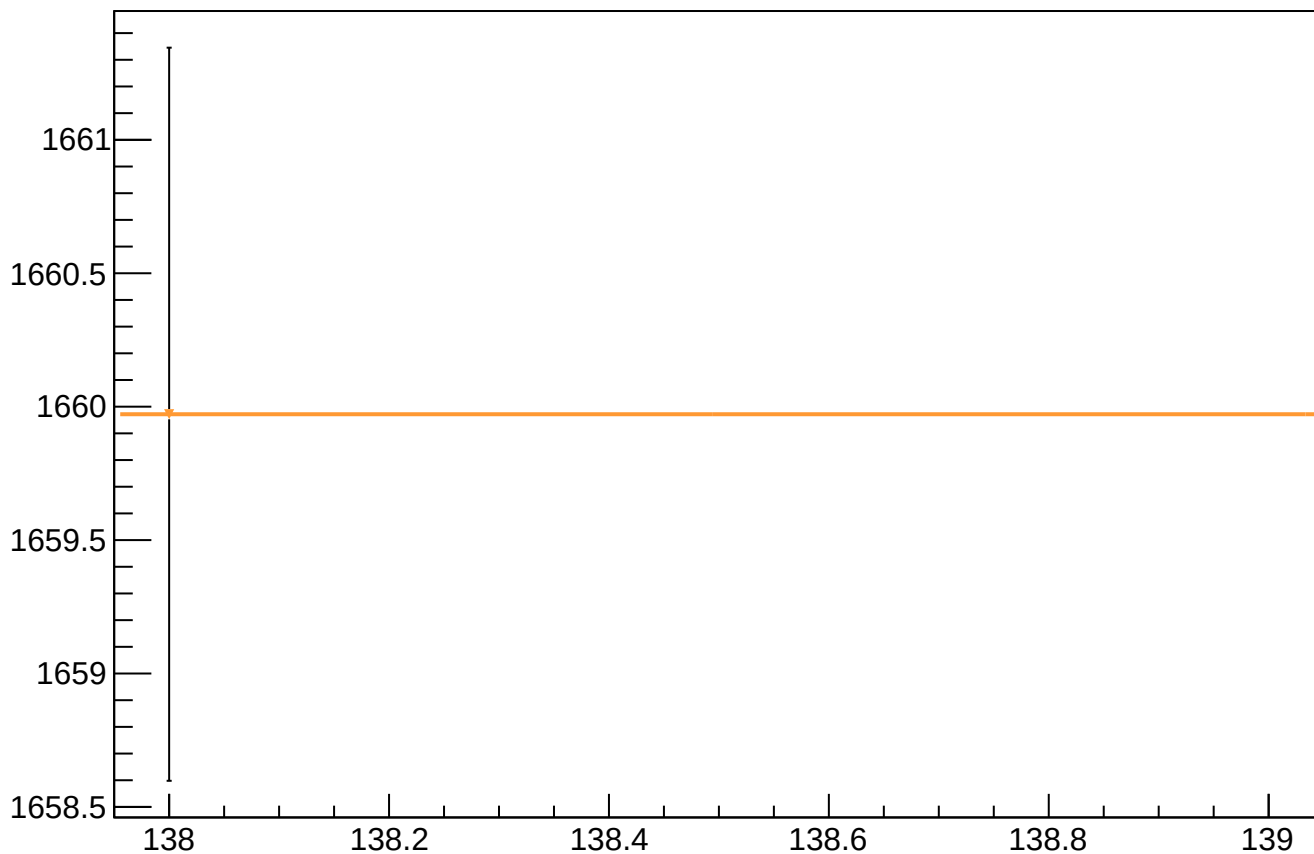
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1971.753+/-1942.771 χ^2/NDF : 0.0/0

All: 1971.753+/-1942.771 χ^2/NDF : 0.0/0

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: 1659.972+/-1.374 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: 1659.972+/-1.374 χ^2/NDF : 0.0/0

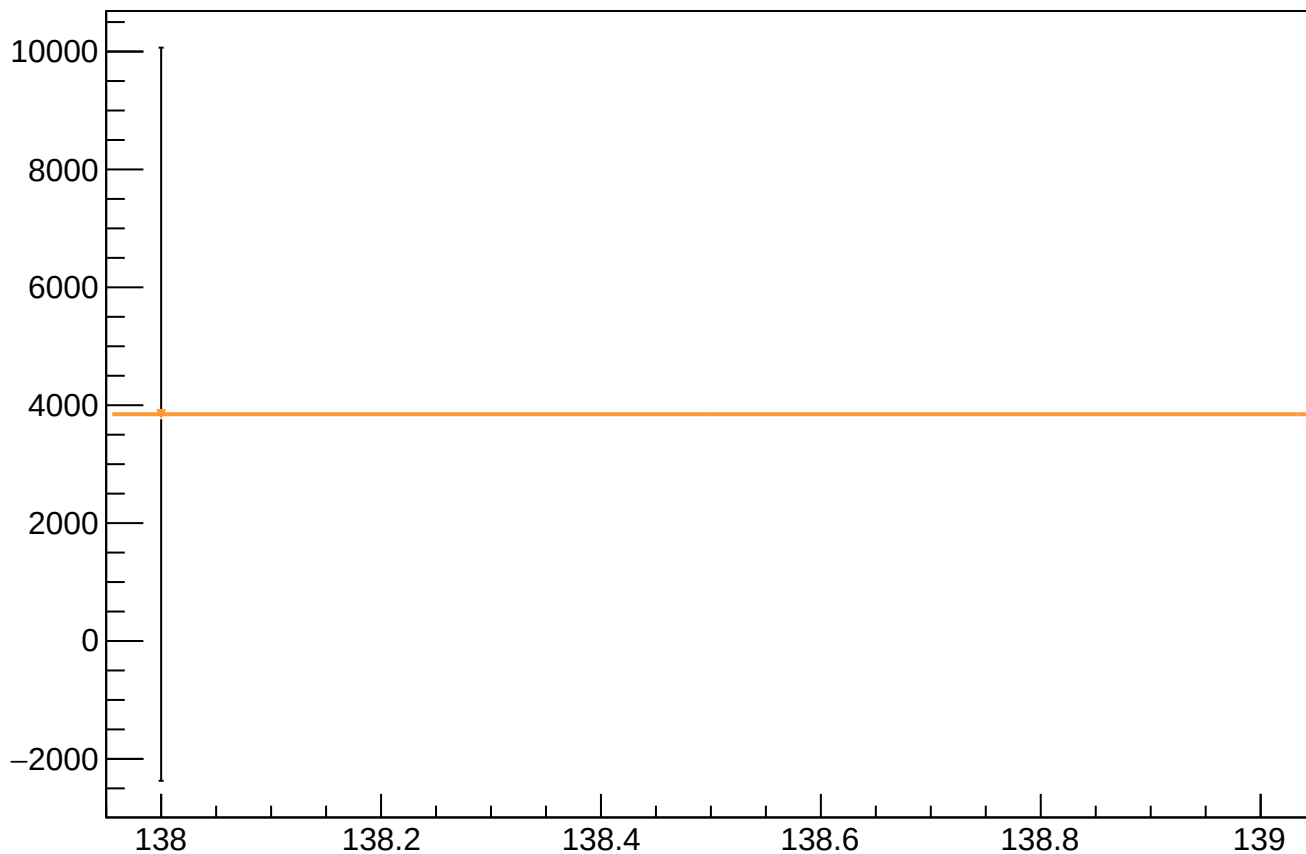
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1659.972+/-1.374 χ^2/NDF : 0.0/0

All: 1659.972+/-1.374 χ^2/NDF : 0.0/0

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: 3847.115+/-6218.786 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: 3847.115+/-6218.786 χ^2/NDF : 0.0/0

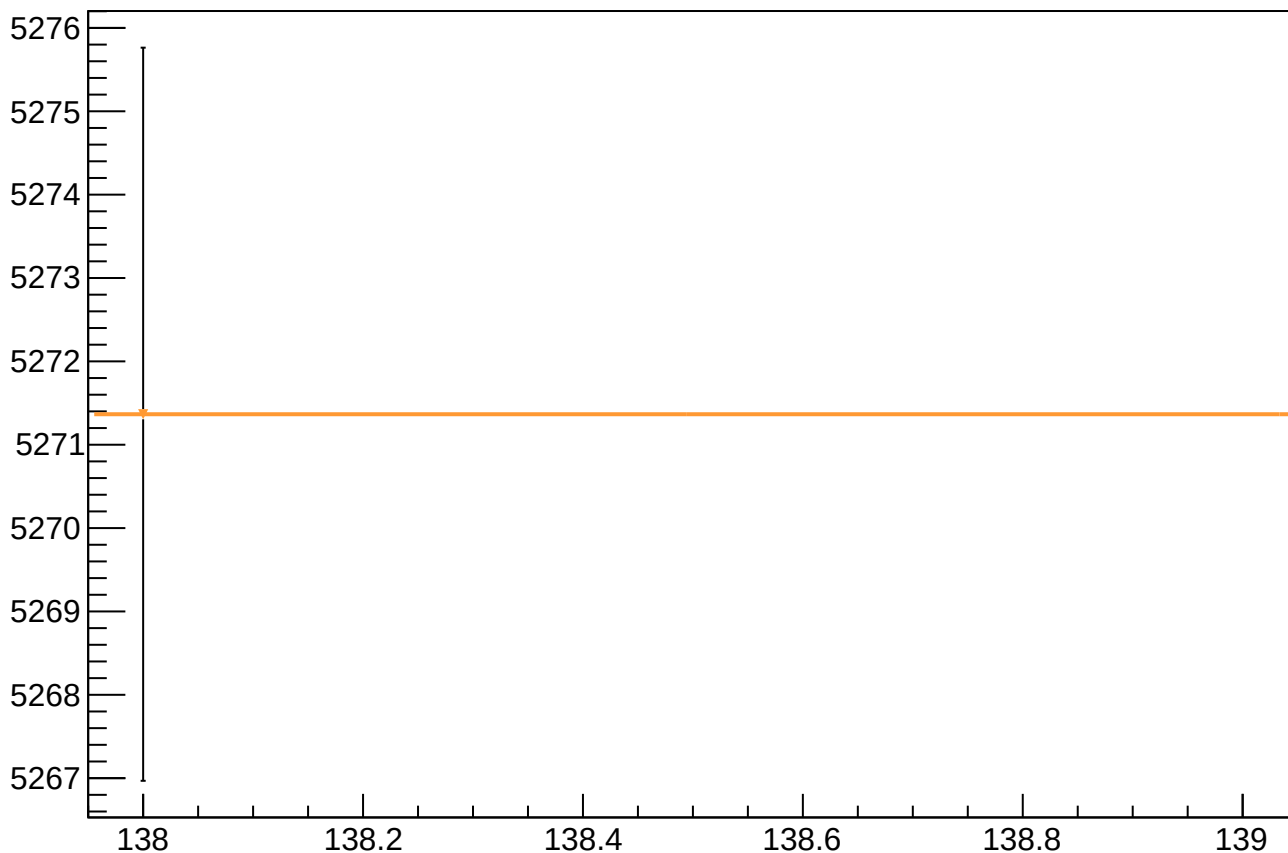
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 3847.115+/-6218.786 χ^2/NDF : 0.0/0

All: 3847.115+/-6218.786 χ^2/NDF : 0.0/0

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: 5271.366+/-4.397 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: 5271.366+/-4.397 χ^2/NDF : 0.0/0

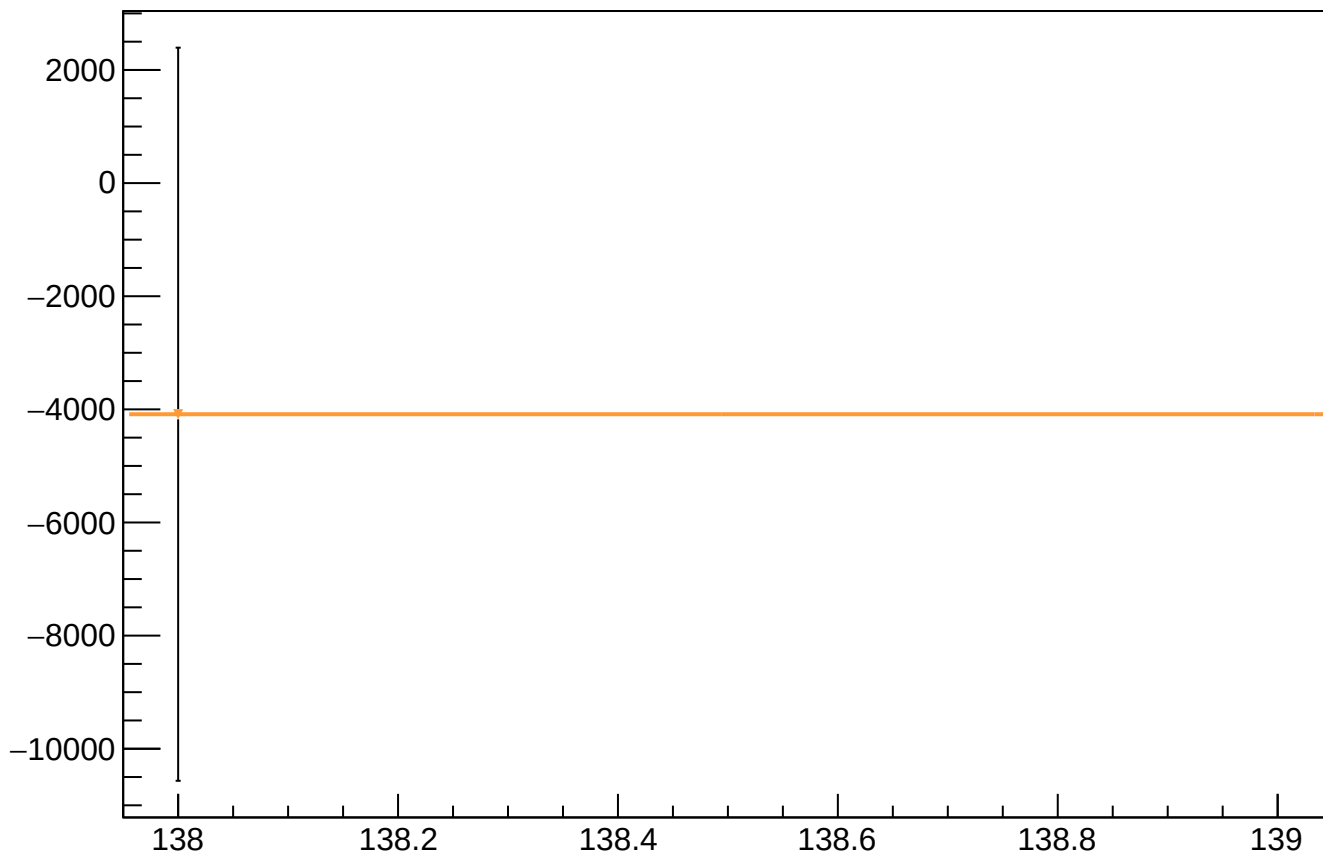
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 5271.366+/-4.397 χ^2/NDF : 0.0/0

All: 5271.366+/-4.397 χ^2/NDF : 0.0/0

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: -4086.240+/-6480.434 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: -4086.240+/-6480.434 χ^2/NDF : 0.0/0

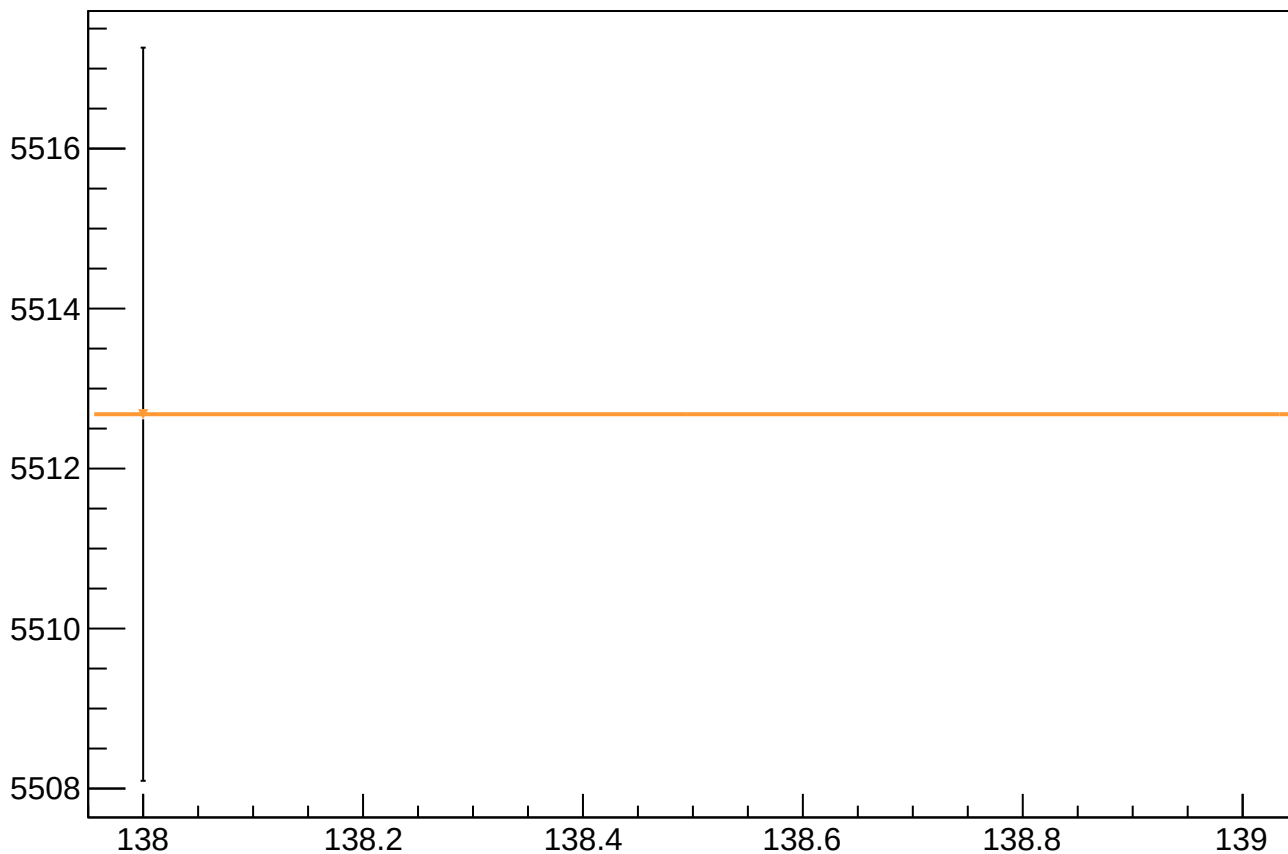
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -4086.240+/-6480.434 χ^2/NDF : 0.0/0

All: -4086.240+/-6480.434 χ^2/NDF : 0.0/0

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: 5512.679+/-4.582 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: 5512.679+/-4.582 χ^2/NDF : 0.0/0

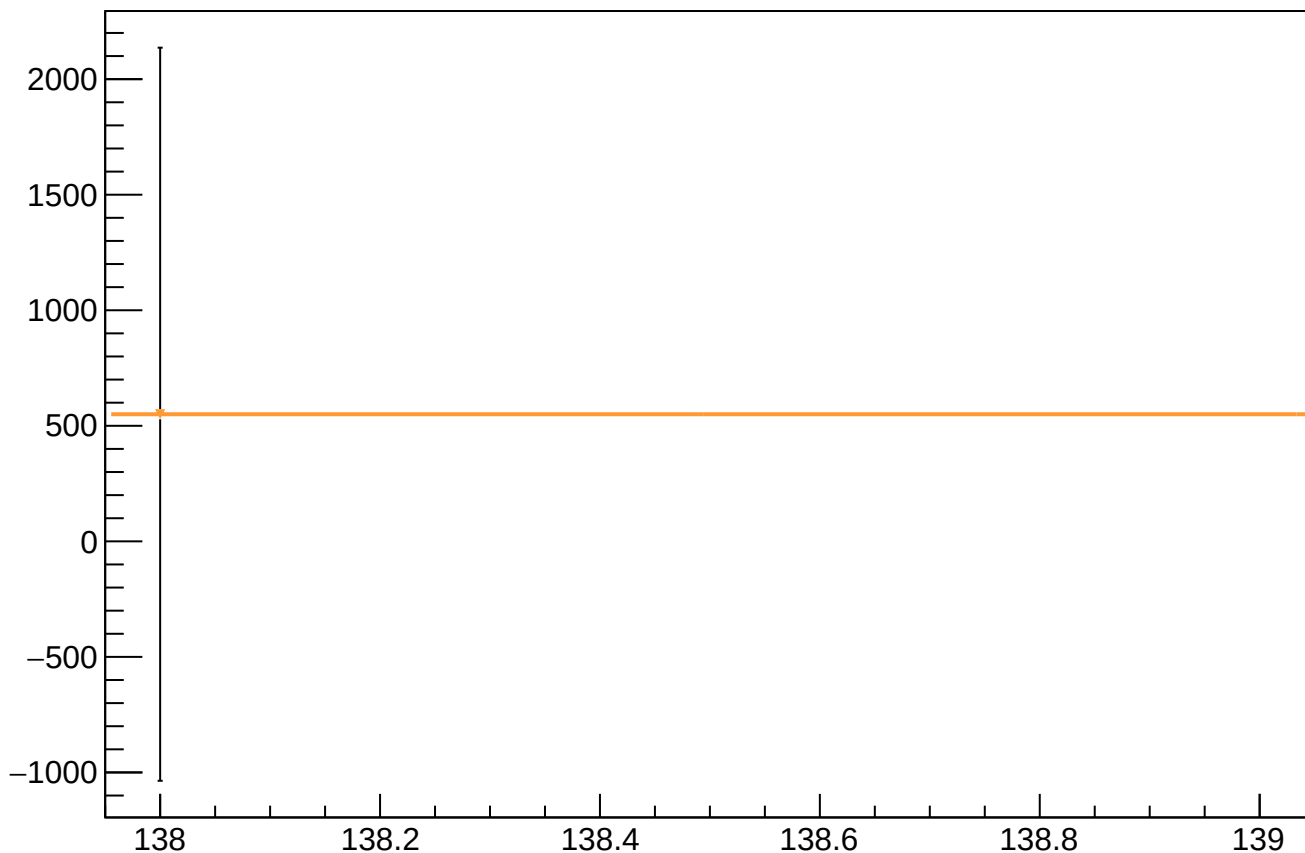
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 5512.679+/-4.582 χ^2/NDF : 0.0/0

All: 5512.679+/-4.582 χ^2/NDF : 0.0/0

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: 550.049+/-1586.250 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: 550.049+/-1586.250 χ^2/NDF : 0.0/0

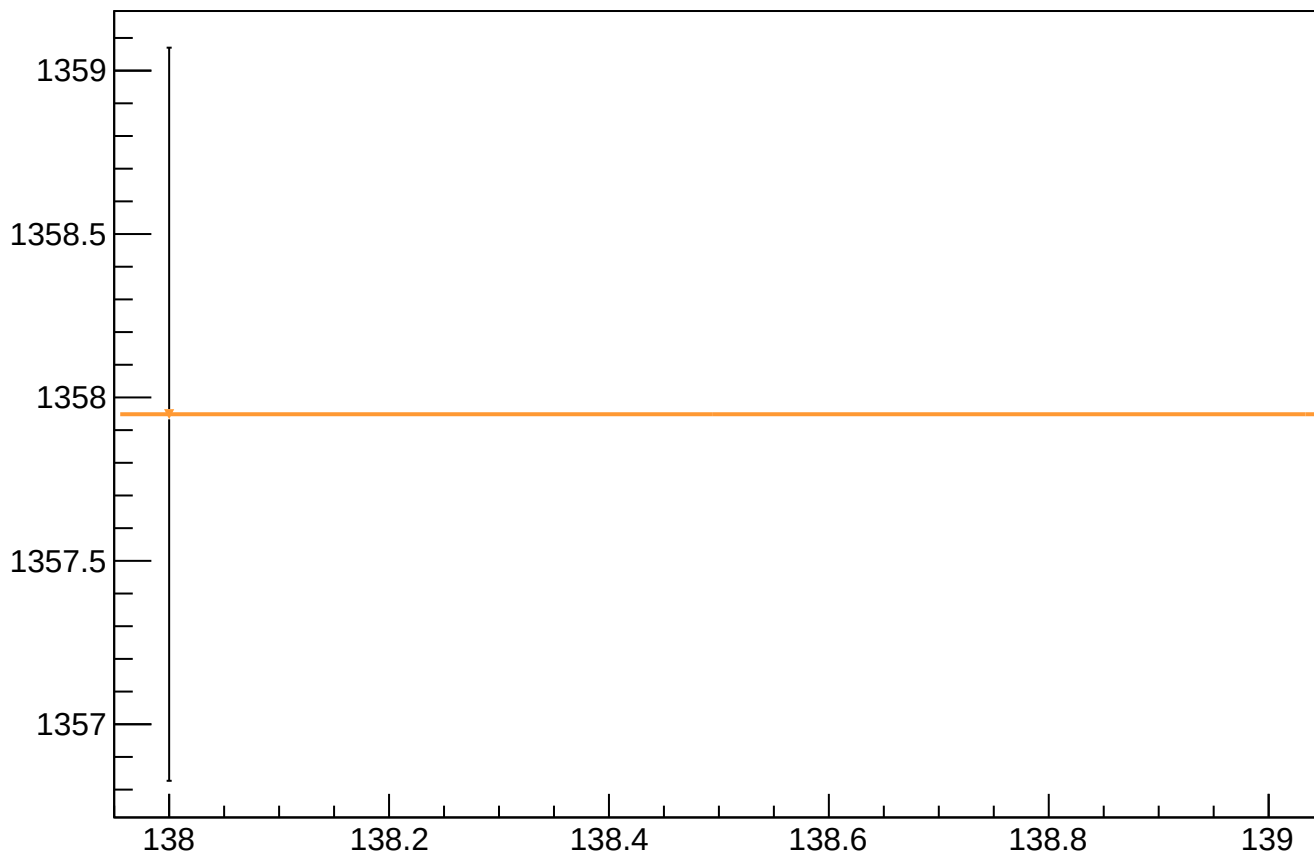
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 550.049+/-1586.250 χ^2/NDF : 0.0/0

All: 550.049+/-1586.250 χ^2/NDF : 0.0/0

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: 1357.949+/-1.122 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: 1357.949+/-1.122 χ^2/NDF : 0.0/0

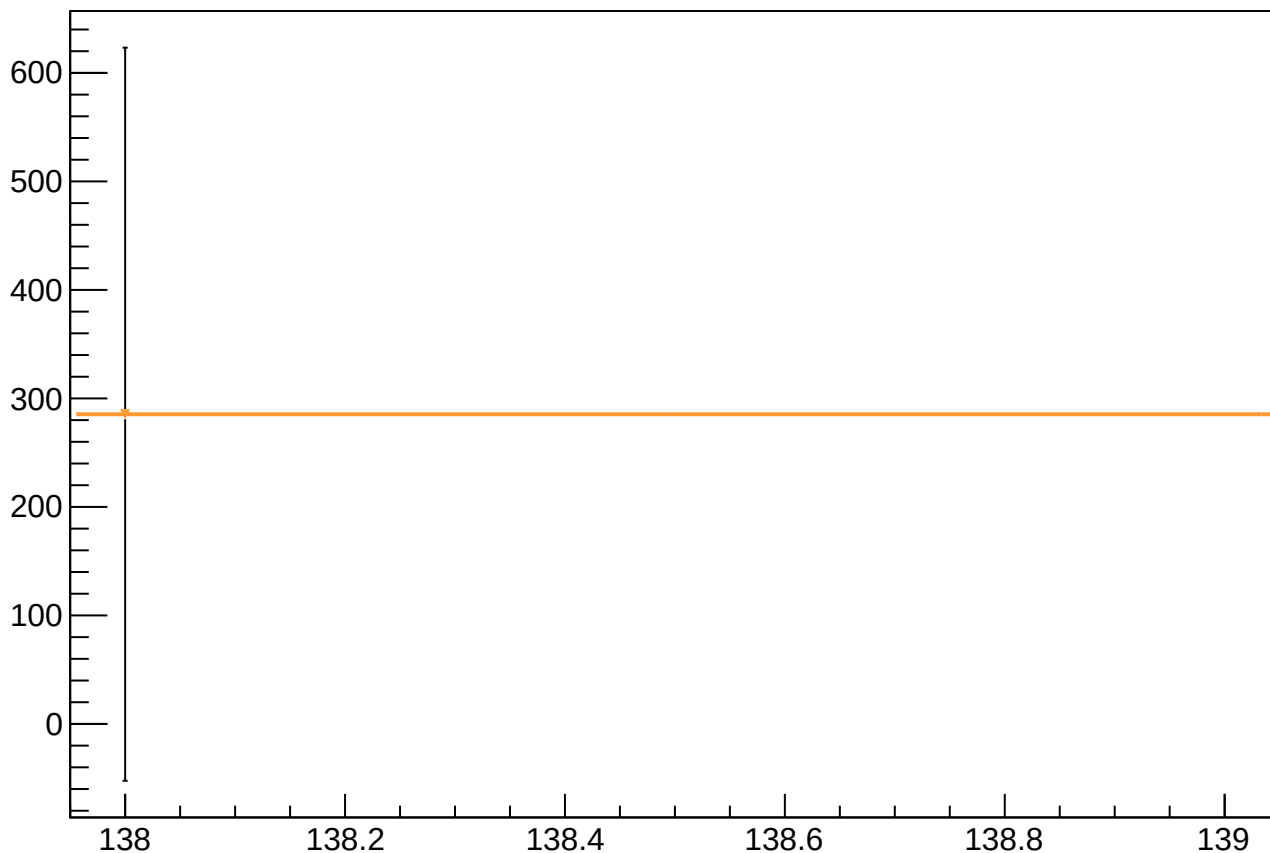
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1357.949+/-1.122 χ^2/NDF : 0.0/0

All: 1357.949+/-1.122 χ^2/NDF : 0.0/0

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: 285.426+/-337.838 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: 285.426+/-337.838 χ^2/NDF : 0.0/0

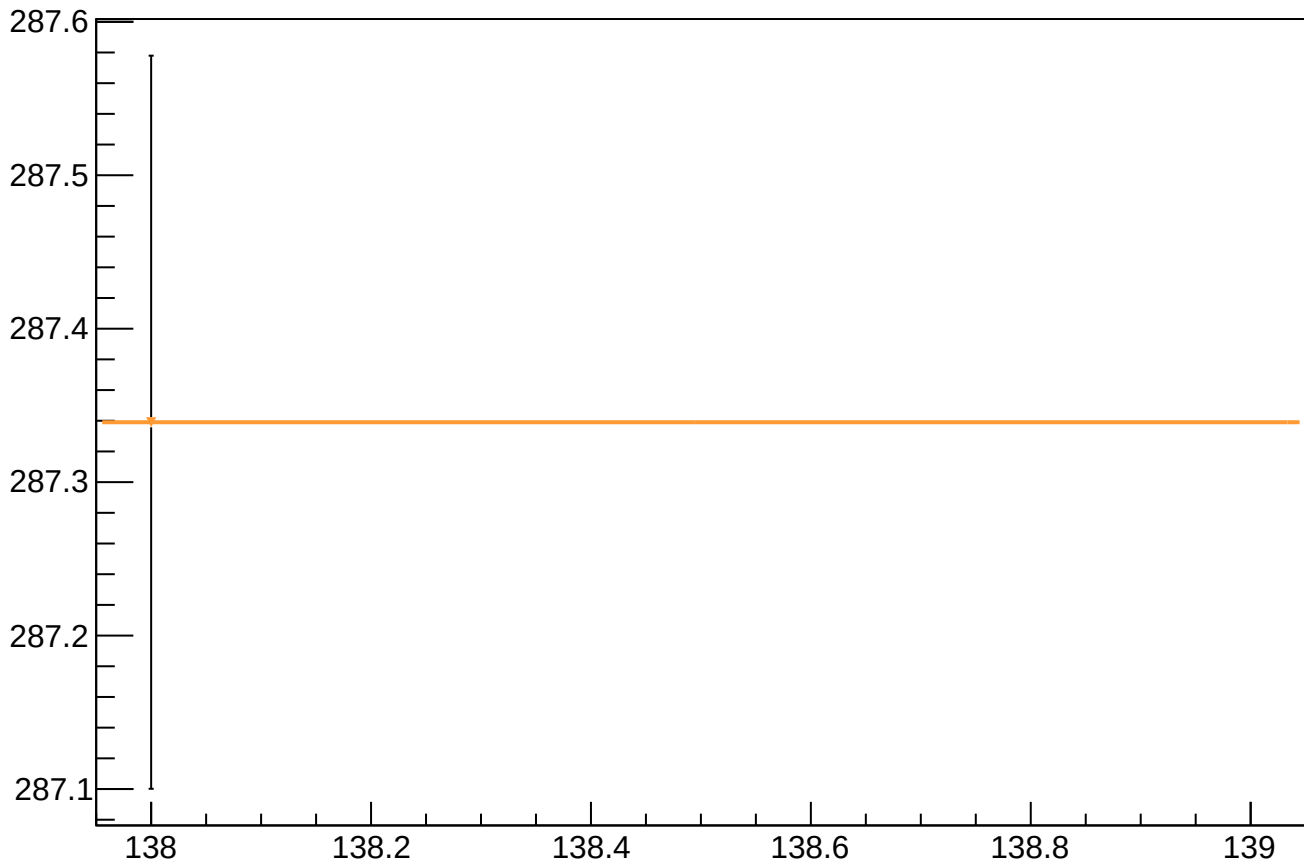
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 285.426+/-337.838 χ^2/NDF : 0.0/0

All: 285.426+/-337.838 χ^2/NDF : 0.0/0

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: 287.339+/-0.239 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: 287.339+/-0.239 χ^2/NDF : 0.0/0

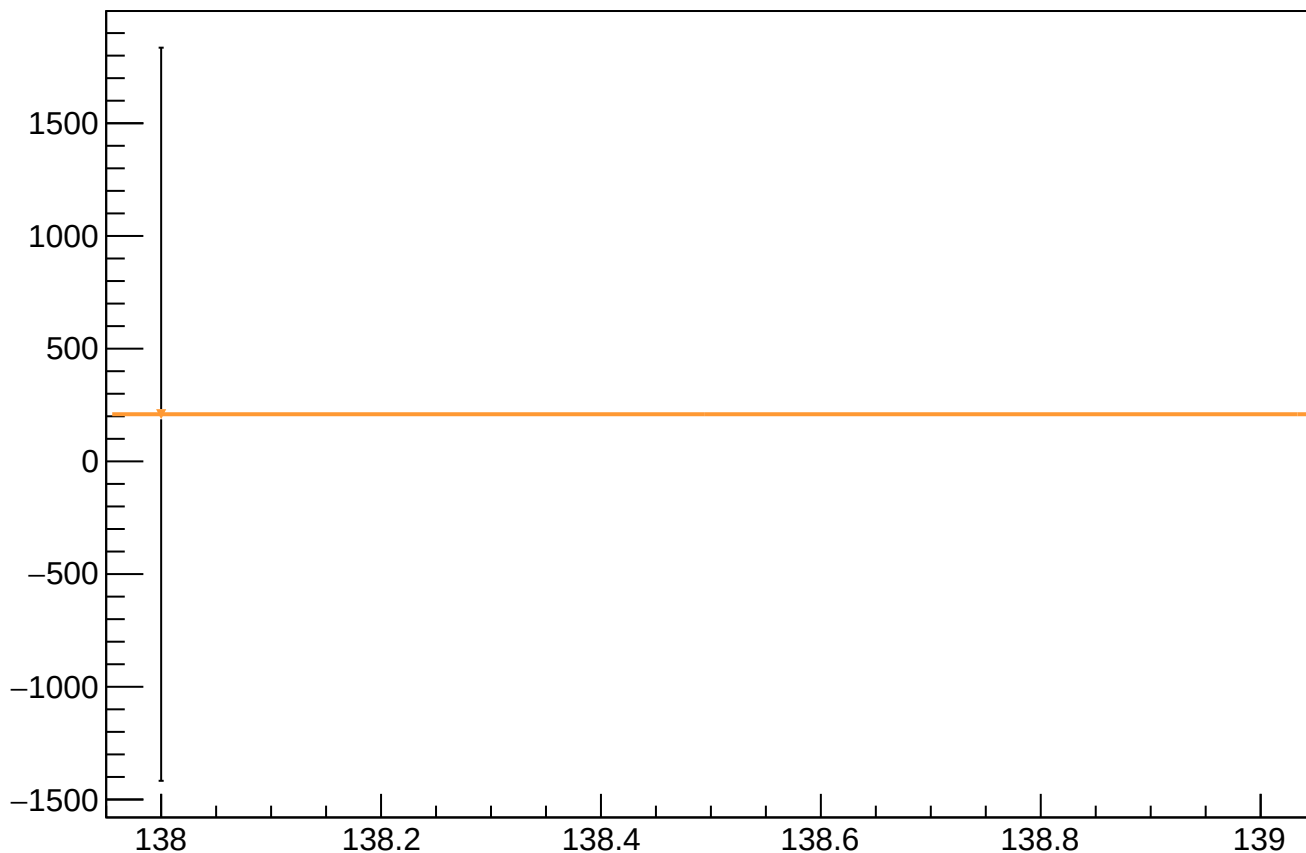
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 287.339+/-0.239 χ^2/NDF : 0.0/0

All: 287.339+/-0.239 χ^2/NDF : 0.0/0

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: 209.113+/-1626.160 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: 209.113+/-1626.160 χ^2/NDF : 0.0/0

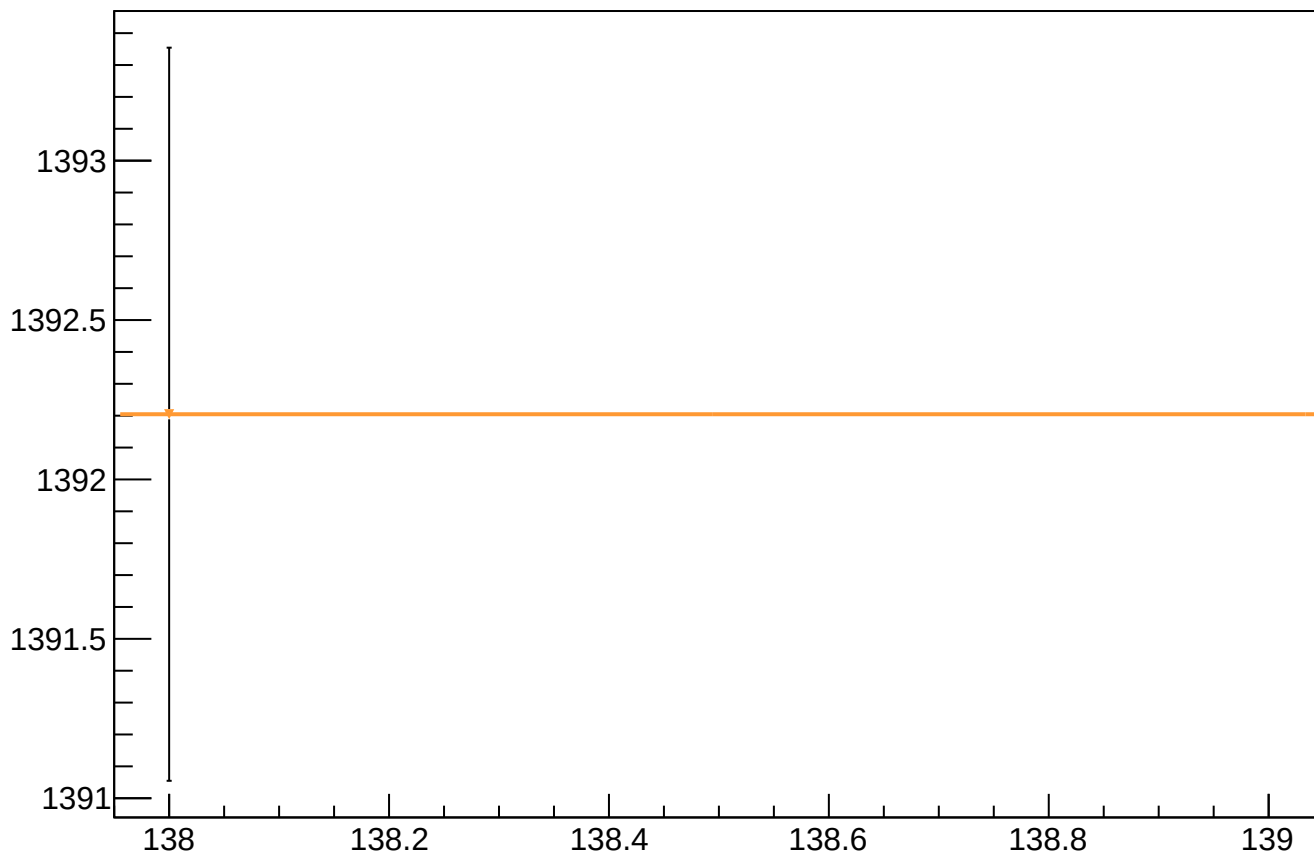
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 209.113+/-1626.160 χ^2/NDF : 0.0/0

All: 209.113+/-1626.160 χ^2/NDF : 0.0/0

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: 1392.205+/-1.150 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: 1392.205+/-1.150 χ^2/NDF : 0.0/0

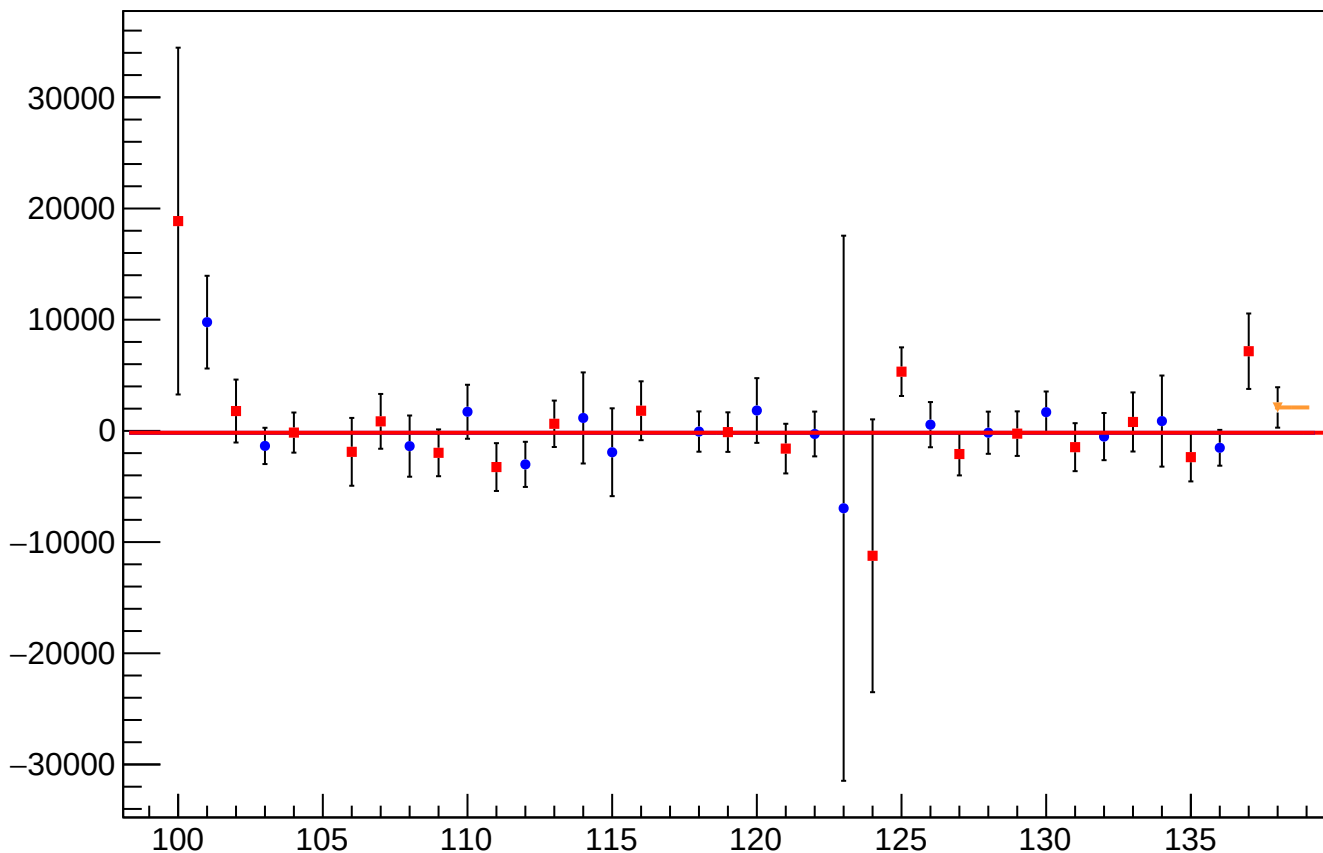
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1392.205+/-1.150 χ^2/NDF : 0.0/0

All: 1392.205+/-1.150 χ^2/NDF : 0.0/0

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: 2108.404+/-1818.043 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 2108.404+/-1818.043 χ^2/NDF : 0.0/0

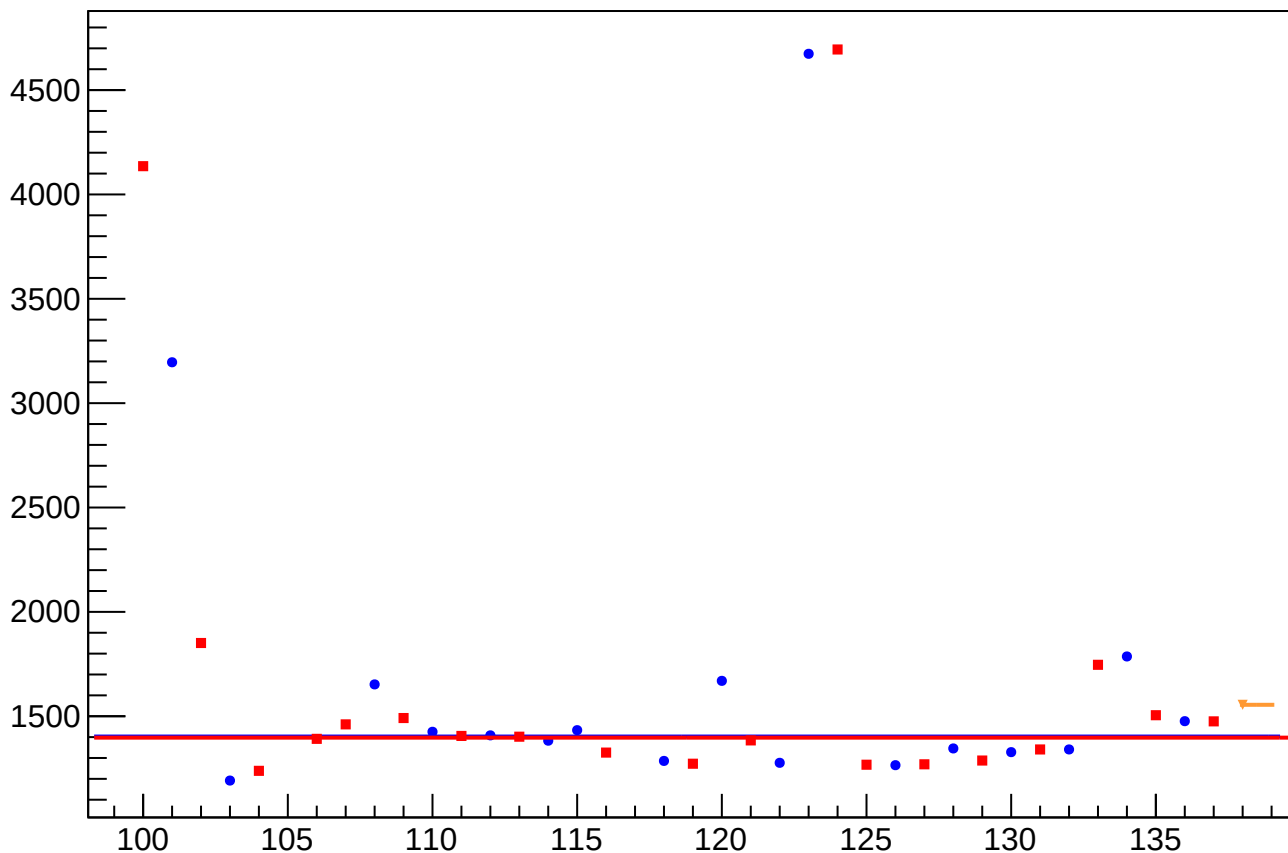
Right: -169.758+/-386.953 χ^2/NDF : 32.4/35

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

Out: 19.426+/-517.737 χ^2/NDF :22.1/19

All: -71.027+/-378.476 χ^2/NDF : 33.9/36

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: 1554.771+/-1.286 χ^2/NDF : 0.0/0

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

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

Left: 1554.771+/-1.286 χ^2/NDF : 0.0/0

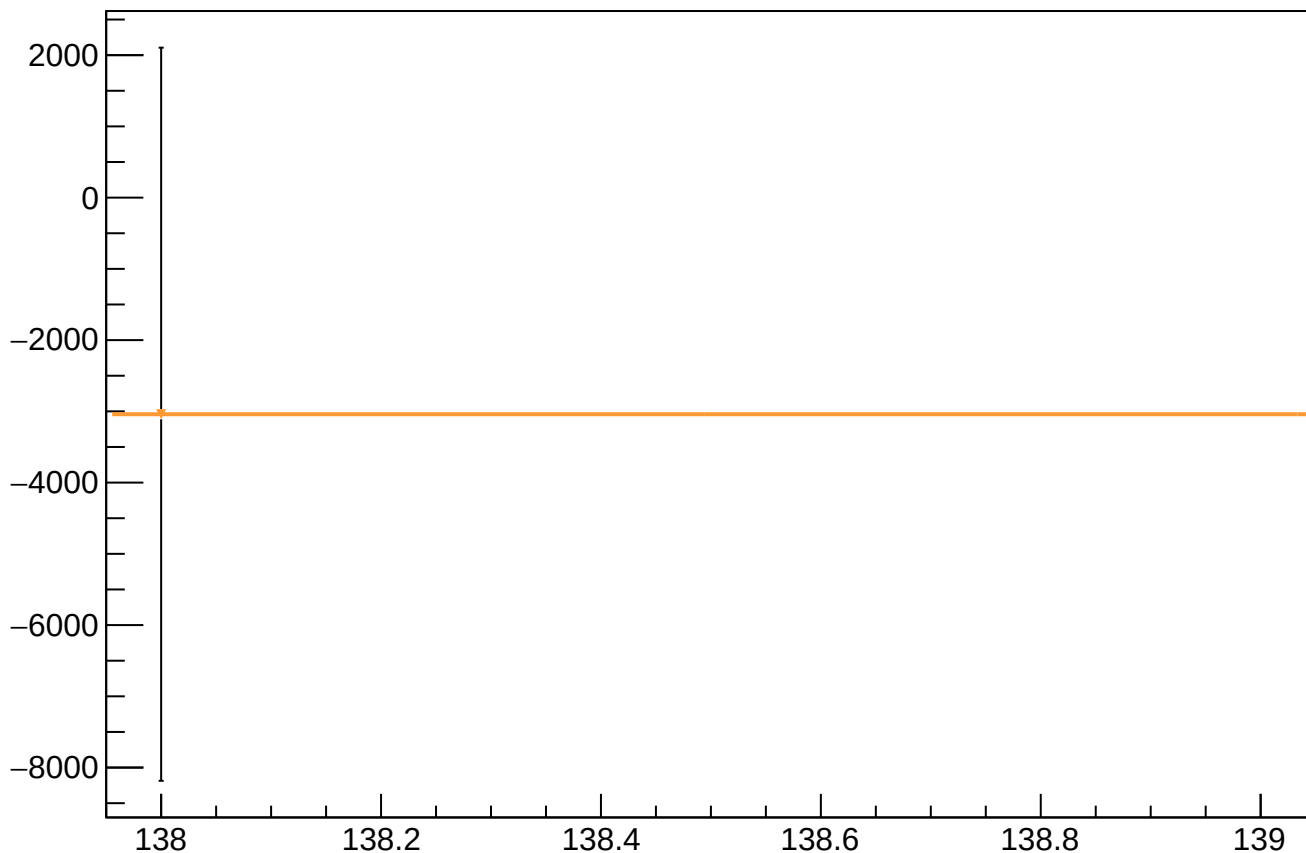
Right: 1400.004+/-0.274 χ^2/NDF : 879784.5/35

In: 1402.709+/-0.392 χ^2/NDF : 526326.4/16

Out: 1410.188+/-0.366 χ^2/NDF : 367129.5/19

All: 1406.707+/-0.268 χ^2/NDF : 893650.3/36

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: -3040.411 ± 5145.376 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: -3040.411 ± 5145.376 χ^2/NDF : 0.0/0

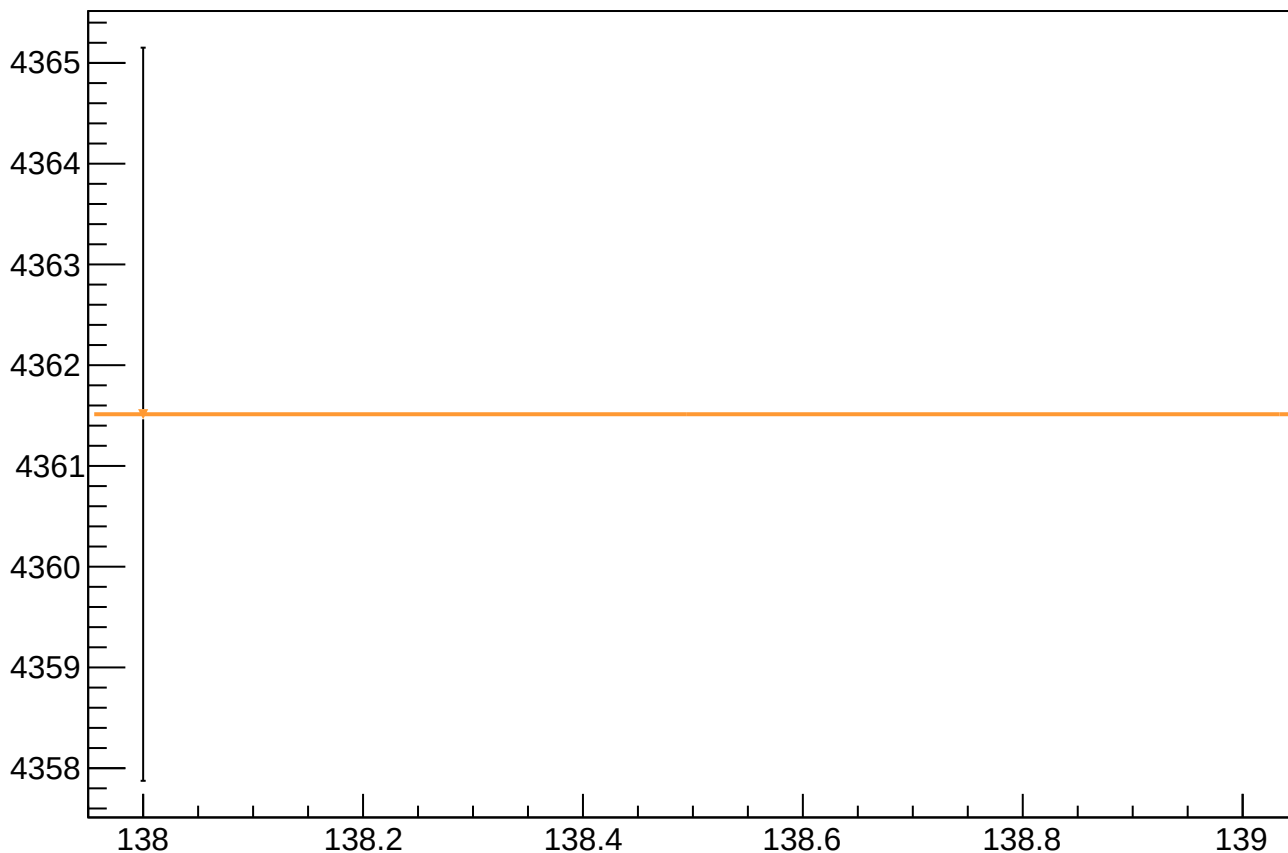
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Out: -3040.411 ± 5145.376 χ^2/NDF : 0.0/0

All: -3040.411 ± 5145.376 χ^2/NDF : 0.0/0

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: 4361.513+/-3.638 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: 4361.513+/-3.638 χ^2/NDF : 0.0/0

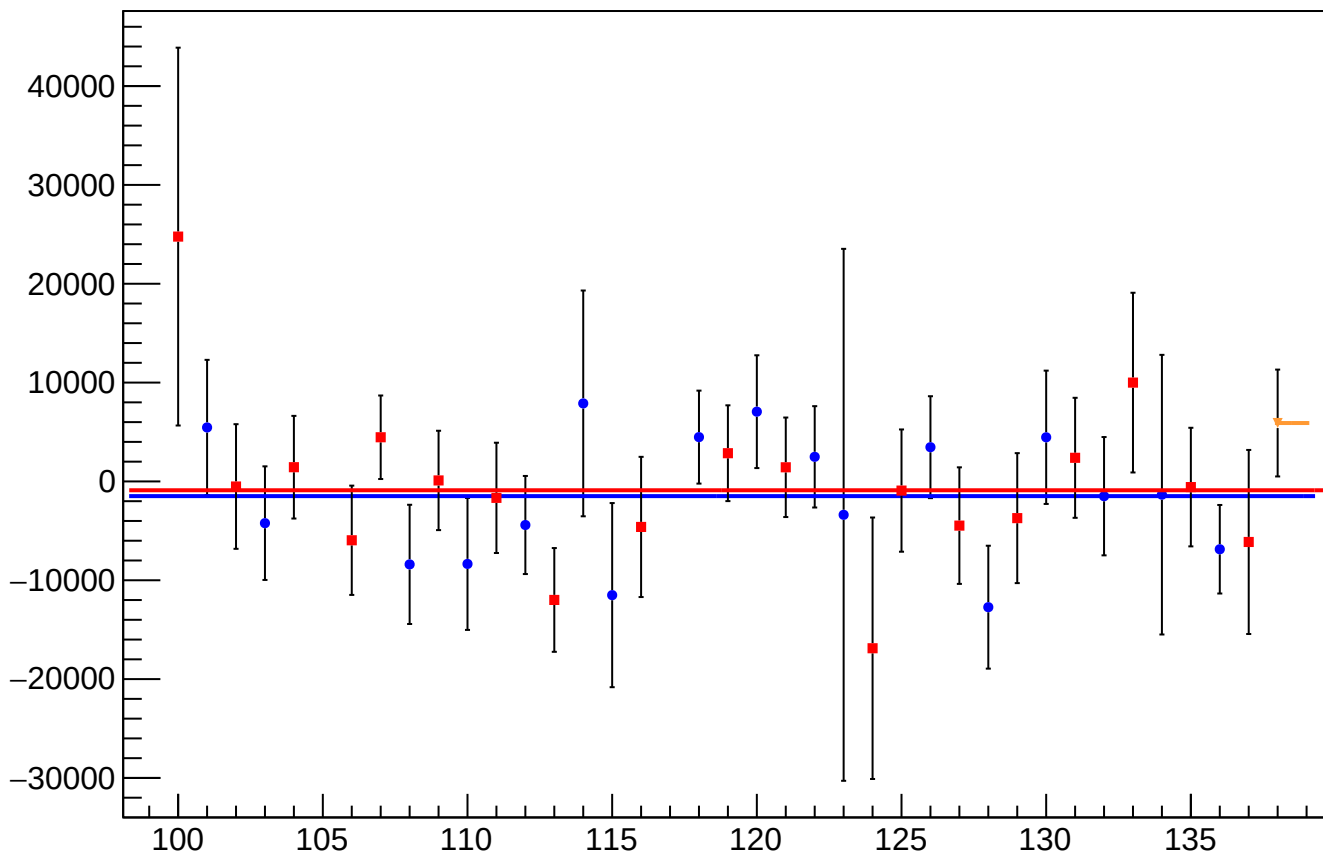
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 4361.513+/-3.638 χ^2/NDF : 0.0/0

All: 4361.513+/-3.638 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038 $\pm$ 1499.116 χ^2 /NDF: 16.7/16

Left Out: 5908.892 $\pm$ 5405.439 χ^2 /NDF: 0.0/0

Right Out: -894.160 $\pm$ 1378.910 χ^2 /NDF: 14.1/18

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

Left: 5908.892 $\pm$ 5405.439 χ^2 /NDF: 0.0/0

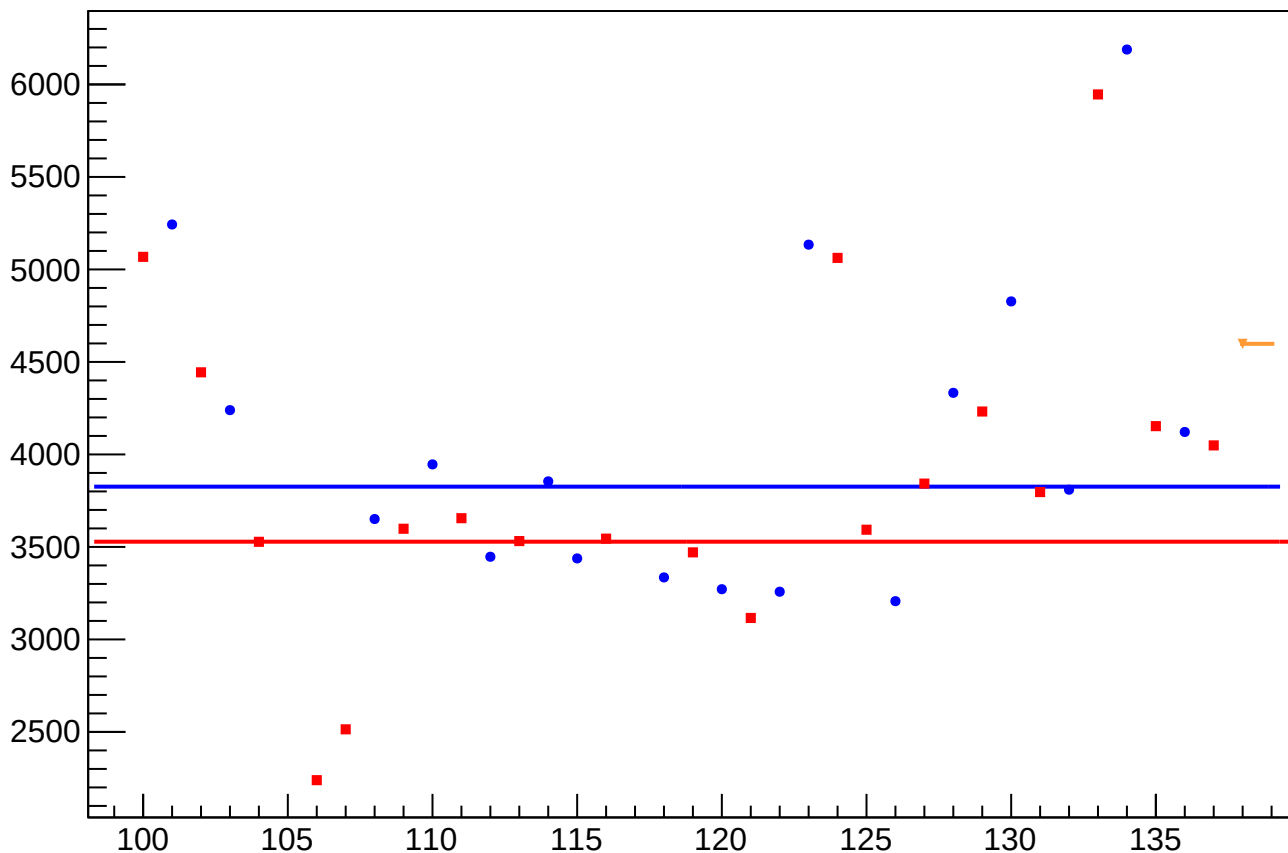
Right: -1165.879 $\pm$ 1014.876 χ^2 /NDF: 30.9/35

In: -1487.038 $\pm$ 1499.116 χ^2 /NDF: 16.7/16

Out: -478.504 $\pm$ 1336.121 χ^2 /NDF: 15.6/19

All: -924.982 $\pm$ 997.448 χ^2 /NDF: 32.5/36

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: 4597.952+/-3.822 χ^2/NDF : 0.0/0

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

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

Left: 4597.952+/-3.822 χ^2/NDF : 0.0/0

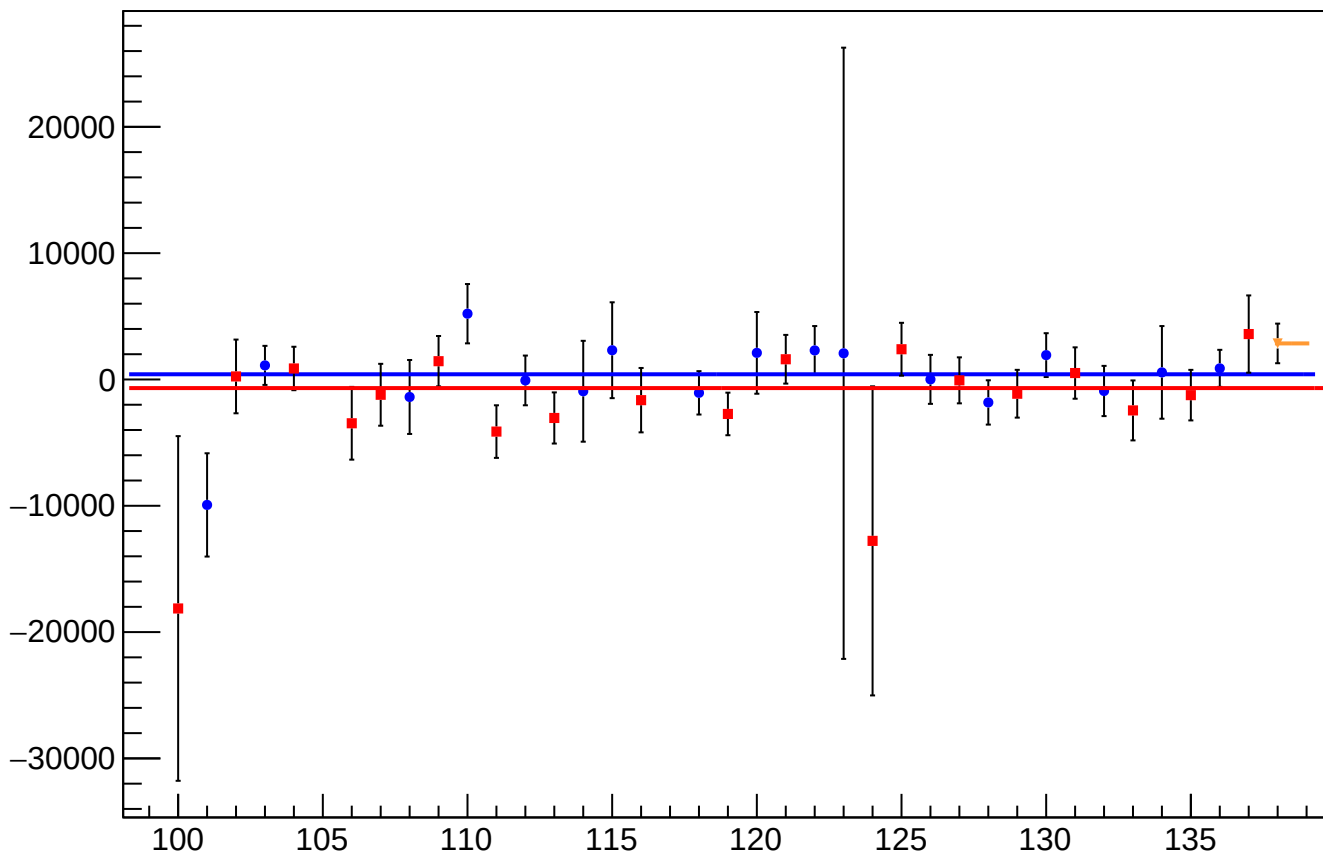
Right: 3663.316+/-0.714 χ^2/NDF : 932858.8/35

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

Out: 3592.532+/-0.937 χ^2/NDF : 629028.5/19

All: 3694.836+/-0.702 χ^2/NDF : 990635.8/36

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: 2854.037+/-1568.060 χ^2/NDF : 0.0/0

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

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

Left: 2854.037+/-1568.060 χ^2/NDF : 0.0/0

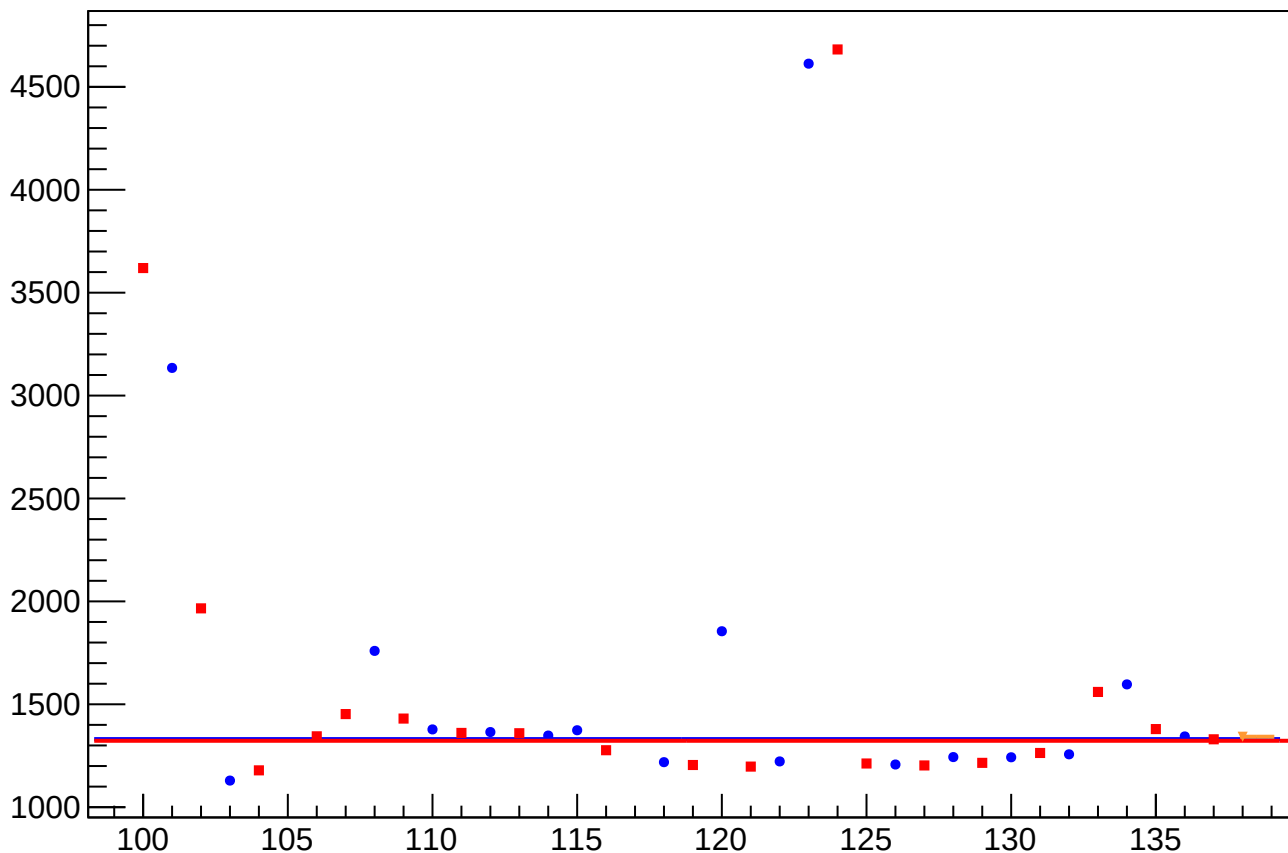
Right: -154.107+/-366.889 χ^2/NDF : 36.8/35

In: 411.419+/-527.980 χ^2/NDF : 16.5/16

Out: -343.655+/-485.161 χ^2/NDF : 22.6/19

All: 2.027+/-357.241 χ^2/NDF : 40.3/36

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: 1342.360+/-1.109 χ^2/NDF : 0.0/0

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

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

Left: 1342.360+/-1.109 χ^2/NDF : 0.0/0

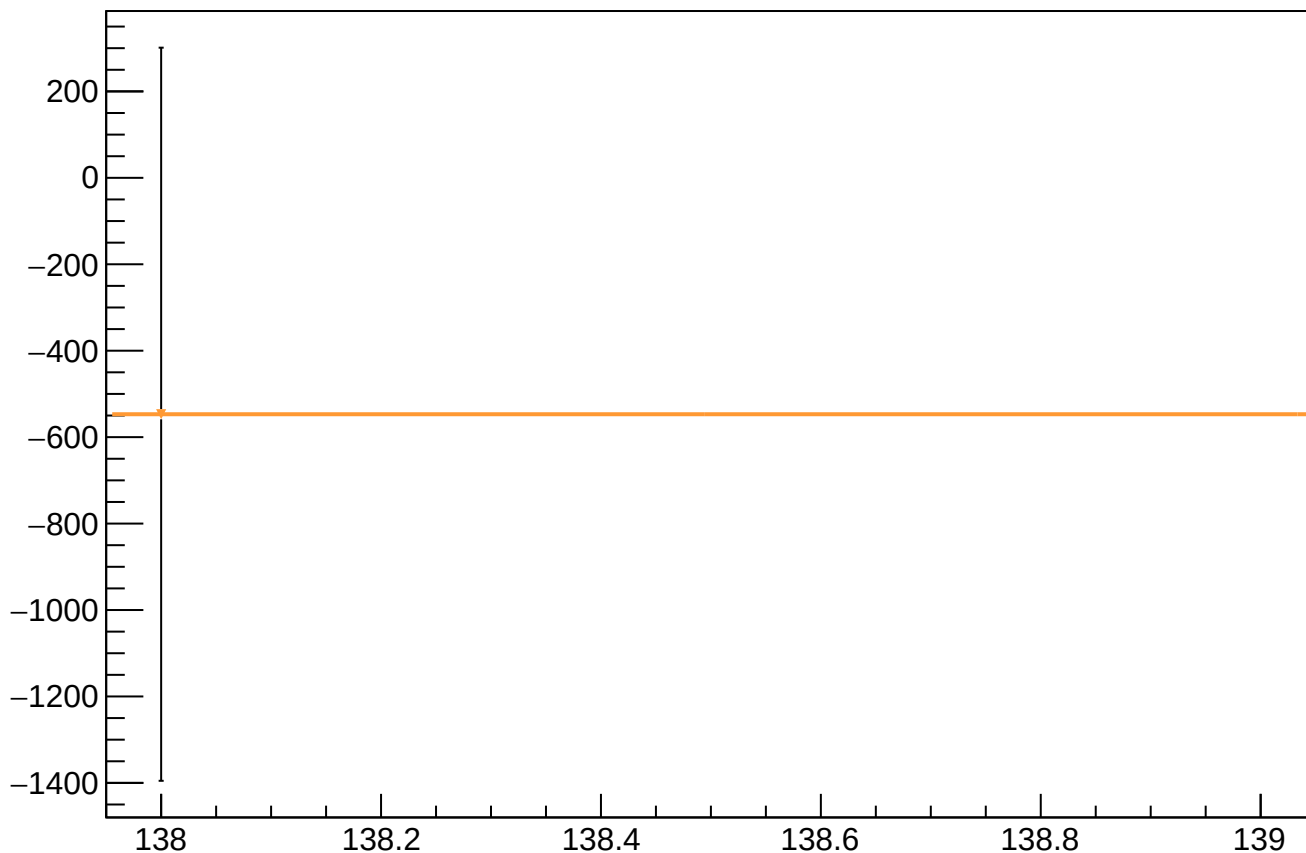
Right: 1326.657+/-0.259 χ^2/NDF : 998136.6/35

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

Out: 1324.587+/-0.343 χ^2/NDF : 394697.8/19

All: 1327.472+/-0.253 χ^2/NDF : 998326.7/36

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: -546.996+/-848.163 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: -546.996+/-848.163 χ^2/NDF : 0.0/0

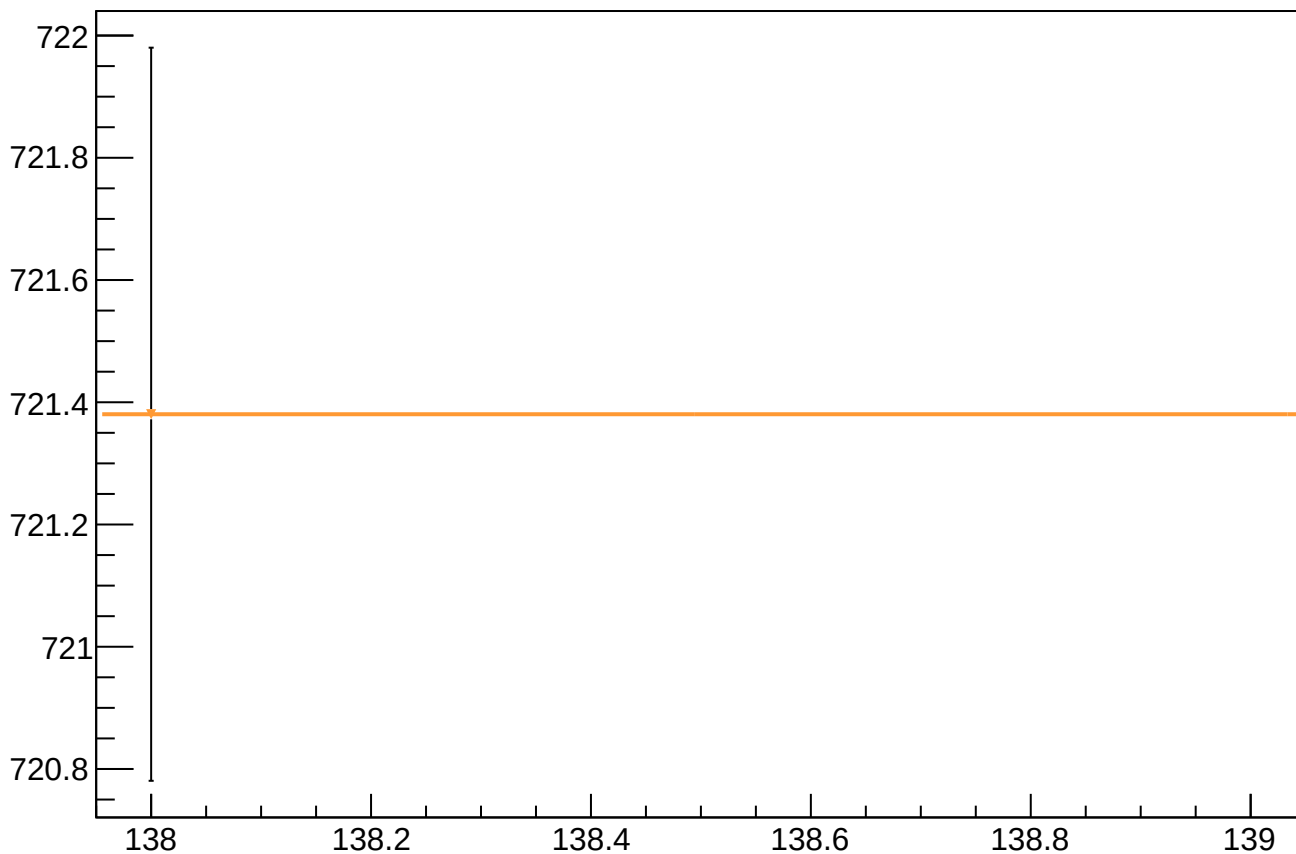
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -546.996+/-848.163 χ^2/NDF : 0.0/0

All: -546.996+/-848.163 χ^2/NDF : 0.0/0

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: 721.380+/-0.600 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: 721.380+/-0.600 χ^2/NDF : 0.0/0

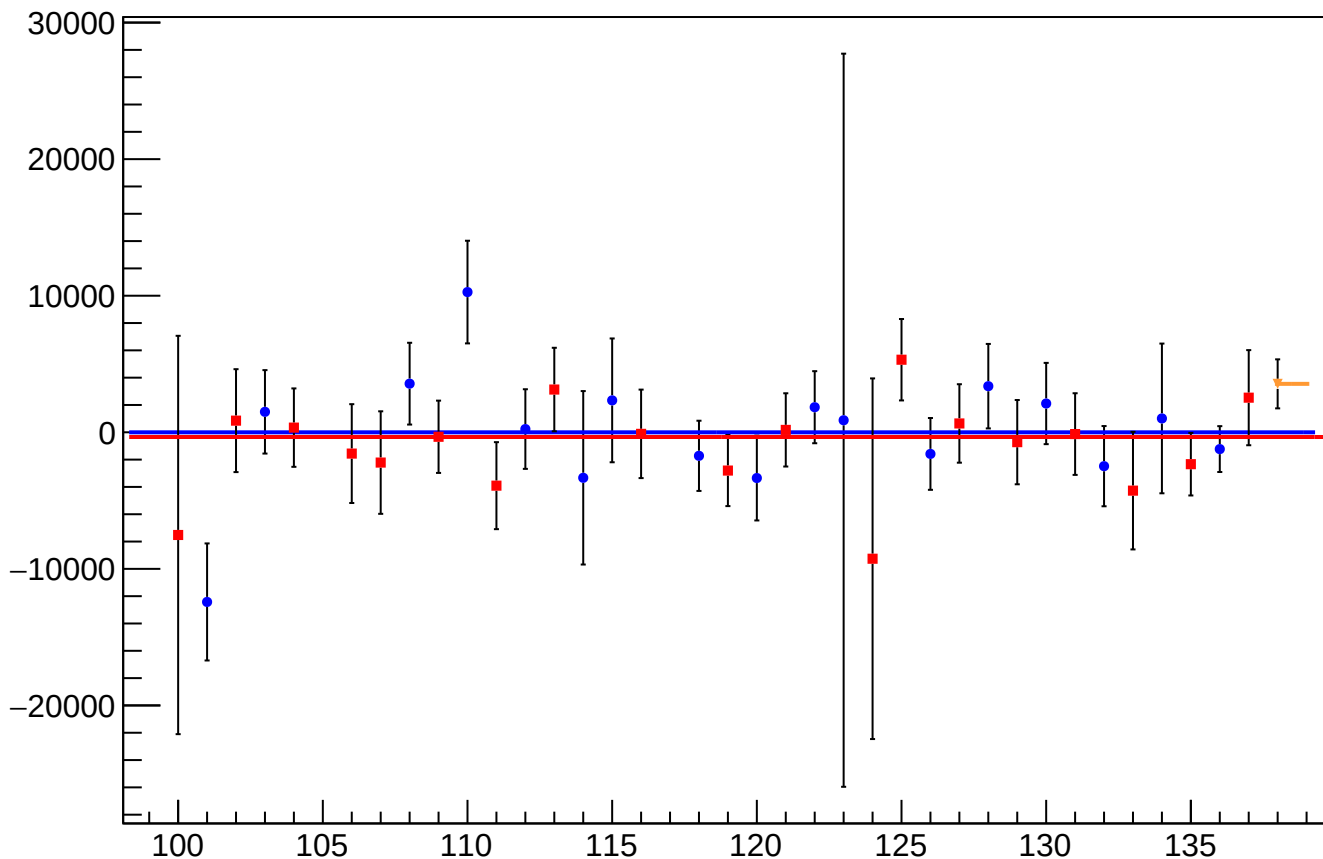
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 721.380+/-0.600 χ^2/NDF : 0.0/0

All: 721.380+/-0.600 χ^2/NDF : 0.0/0

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: 3546.604 ± 1794.807 χ^2/NDF : 0.0/0

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

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

Left: 3546.604 ± 1794.807 χ^2/NDF : 0.0/0

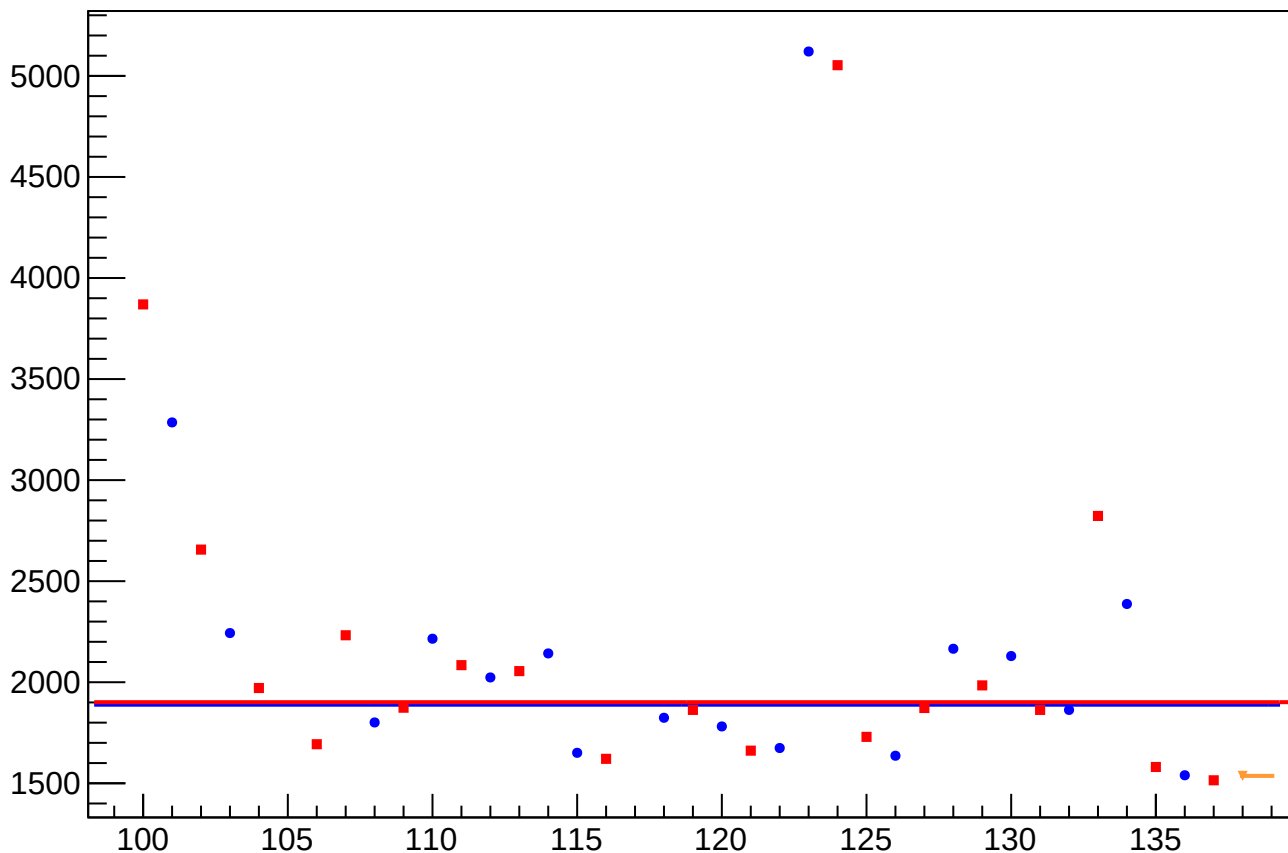
Right: -176.305 ± 522.783 χ^2/NDF : 34.3/35

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

Out: 212.113 ± 679.163 χ^2/NDF : 14.7/19

All: 114.849 ± 501.924 χ^2/NDF : 38.3/36

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: 1536.560+/-1.269 χ^2/NDF : 0.0/0

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

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

Left: 1536.560+/-1.269 χ^2/NDF : 0.0/0

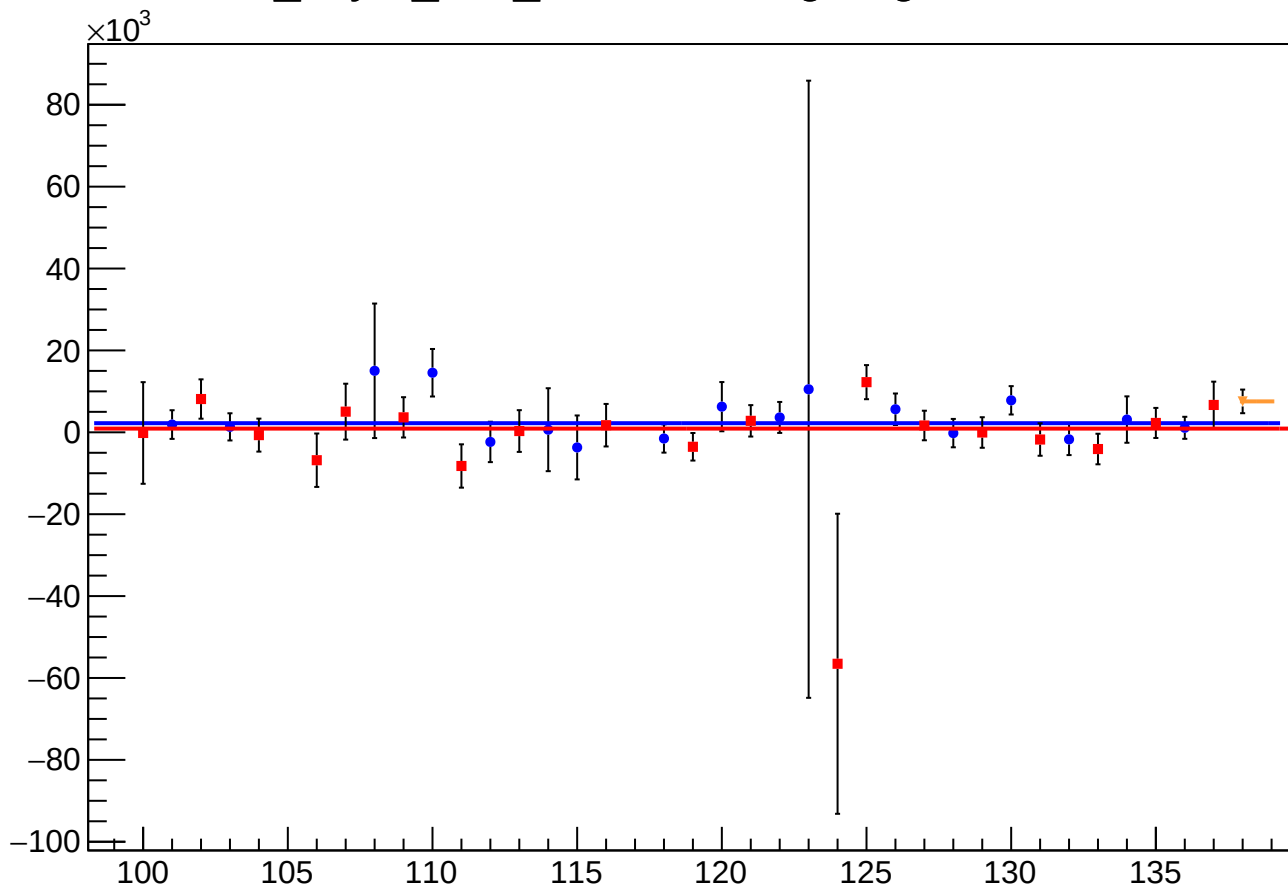
Right: 1895.125+/-0.370 χ^2/NDF : 927550.0/35

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

Out: 1849.030+/-0.480 χ^2/NDF : 532173.7/19

All: 1867.083+/-0.355 χ^2/NDF : 1001130.5/36

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 7551.719+/-2885.555 χ^2/NDF : 0.0/0

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

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

Left: 7551.719+/-2885.555 χ^2/NDF : 0.0/0

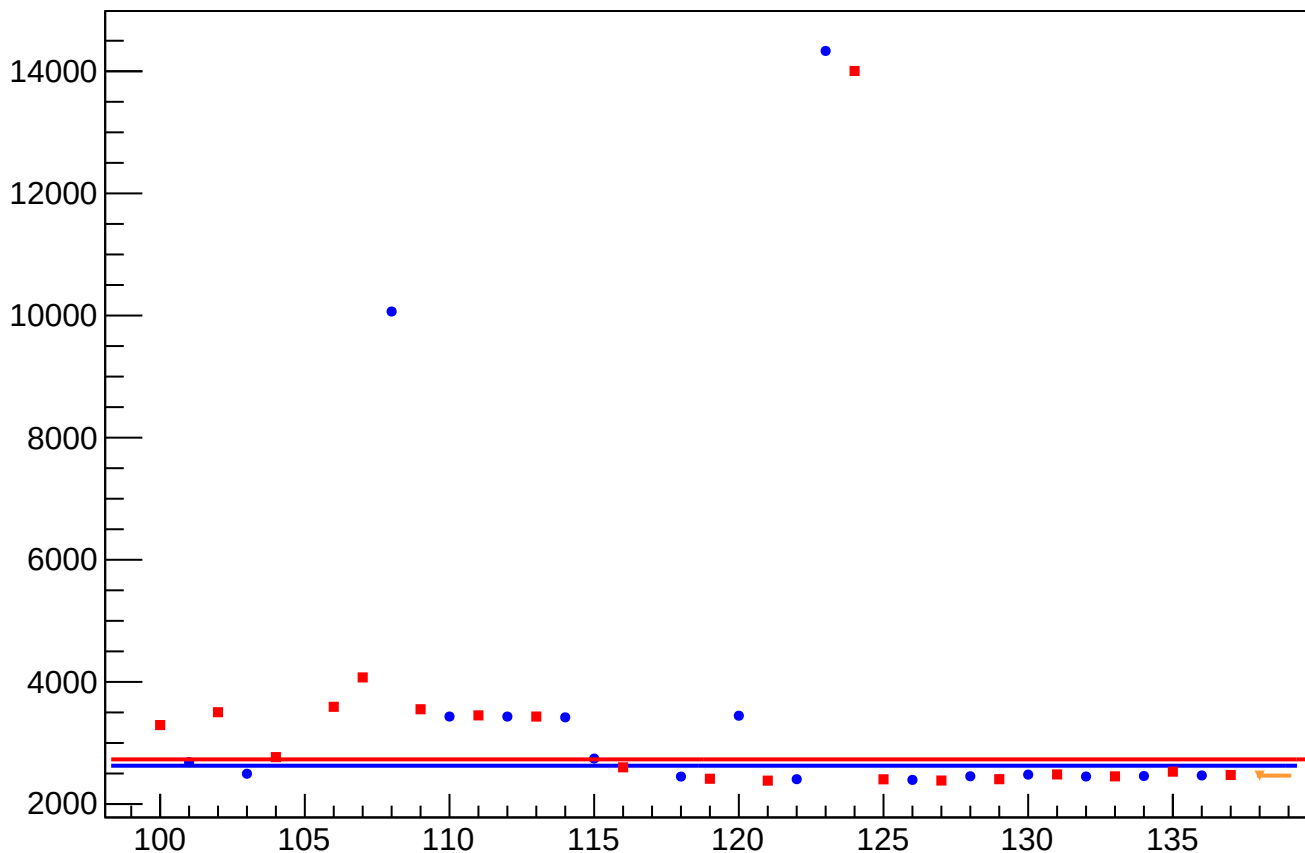
Right: 1572.479+/-737.556 χ^2/NDF : 37.3/35

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

Out: 1680.613+/-984.114 χ^2/NDF : 27.6/19

All: 1939.163+/-714.583 χ^2/NDF : 41.3/36

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2465.719+/-2.040 χ^2/NDF : 0.0/0

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

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

Left: 2465.719+/-2.040 χ^2/NDF : 0.0/0

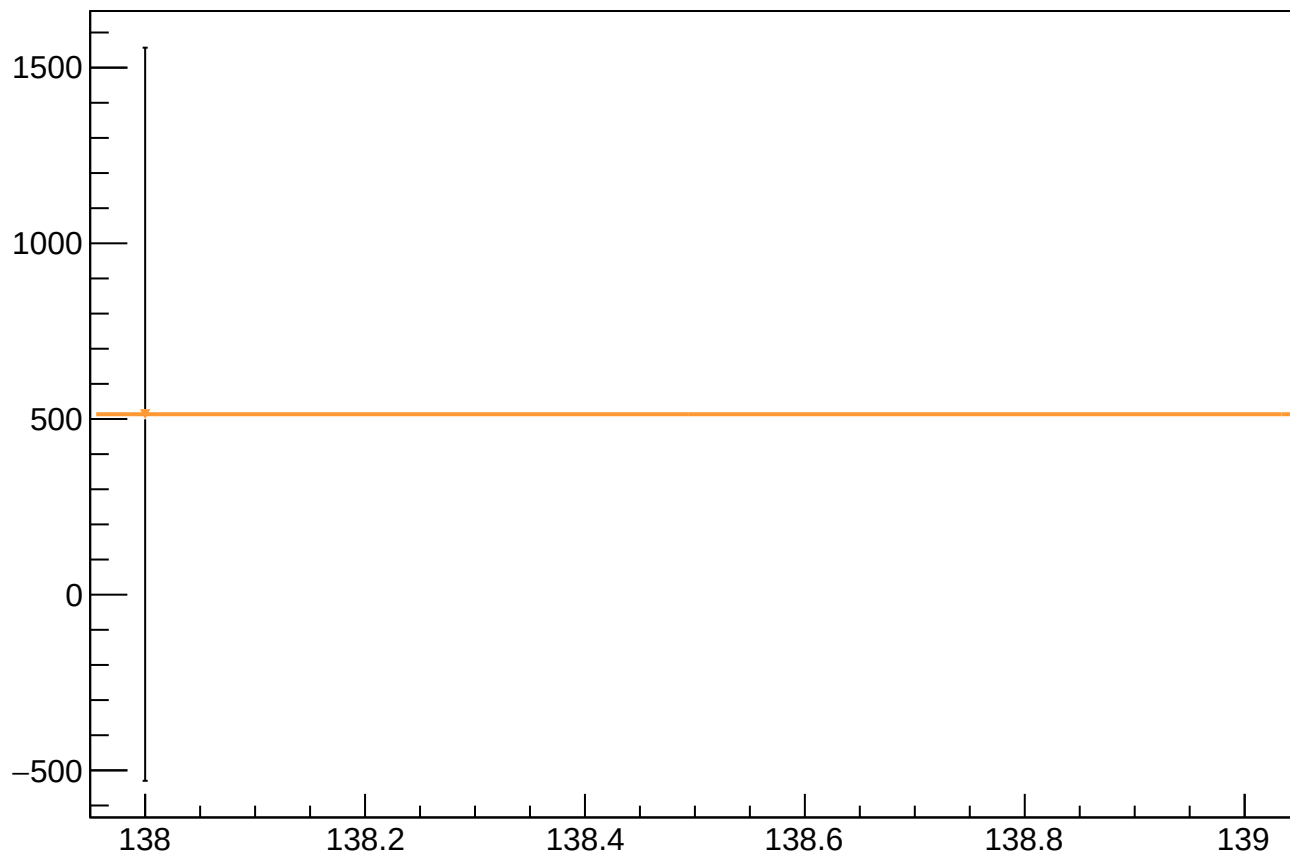
Right: 2679.043+/-0.522 χ^2/NDF : 1252488.0/35

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

Out: 2700.383+/-0.696 χ^2/NDF : 613175.6/19

All: 2665.961+/-0.505 χ^2/NDF : 1262748.4/36

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 513.556+/-1043.290 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: 513.556+/-1043.290 χ^2/NDF : 0.0/0

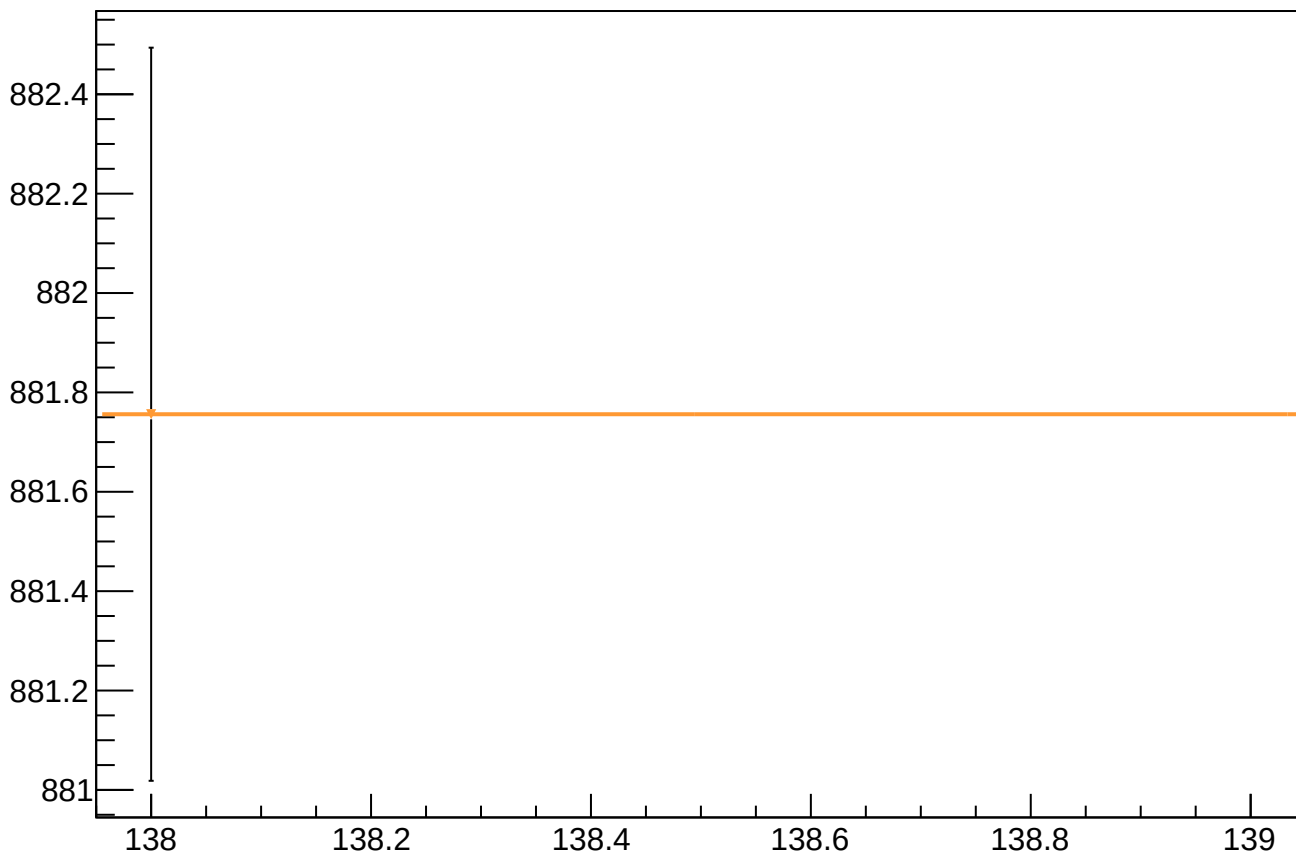
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 513.556+/-1043.290 χ^2/NDF : 0.0/0

All: 513.556+/-1043.290 χ^2/NDF : 0.0/0

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 881.756+/-0.738 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: 881.756+/-0.738 χ^2/NDF : 0.0/0

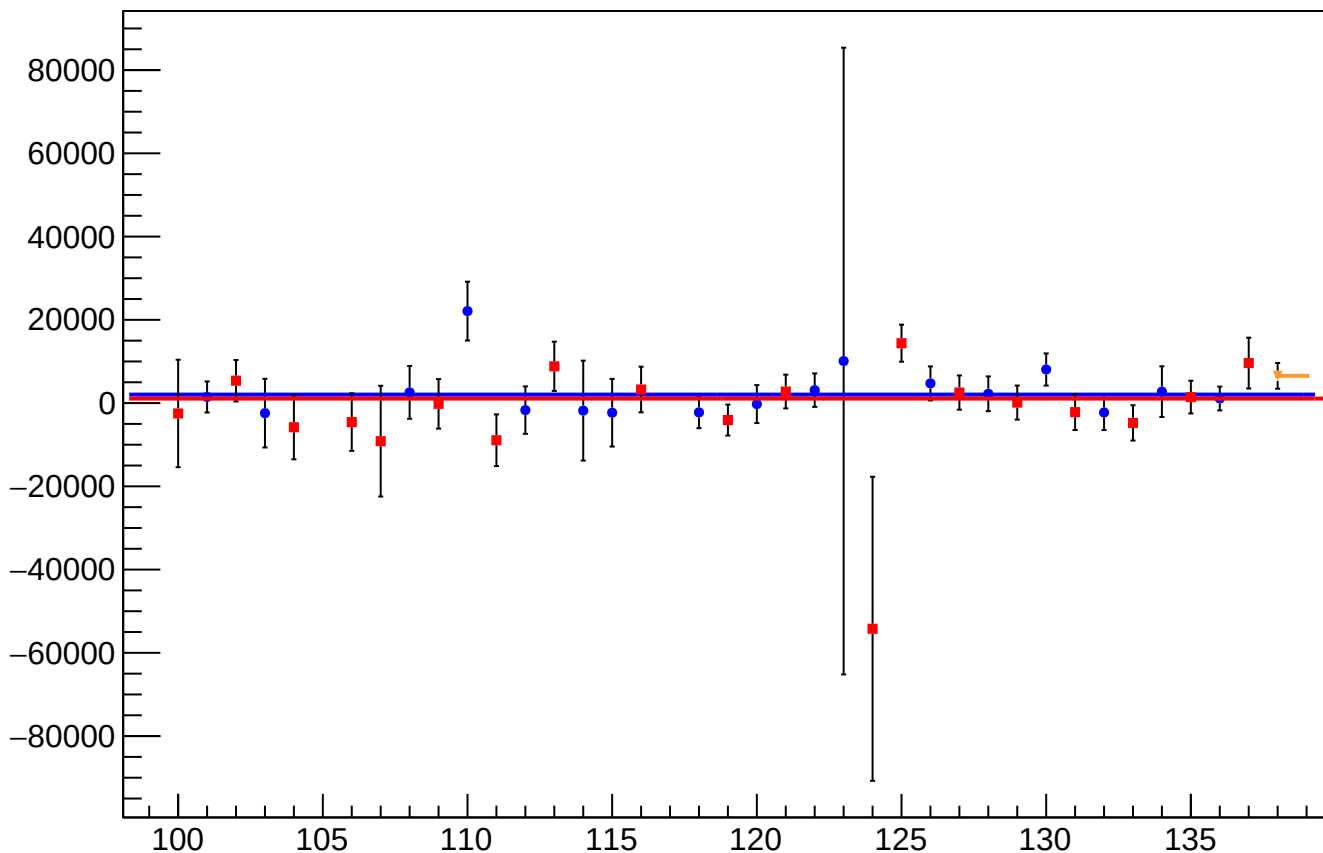
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 881.756+/-0.738 χ^2/NDF : 0.0/0

All: 881.756+/-0.738 χ^2/NDF : 0.0/0

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 6546.310+/-3093.744 χ^2/NDF : 0.0/0

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

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

Left: 6546.310+/-3093.744 χ^2/NDF : 0.0/0

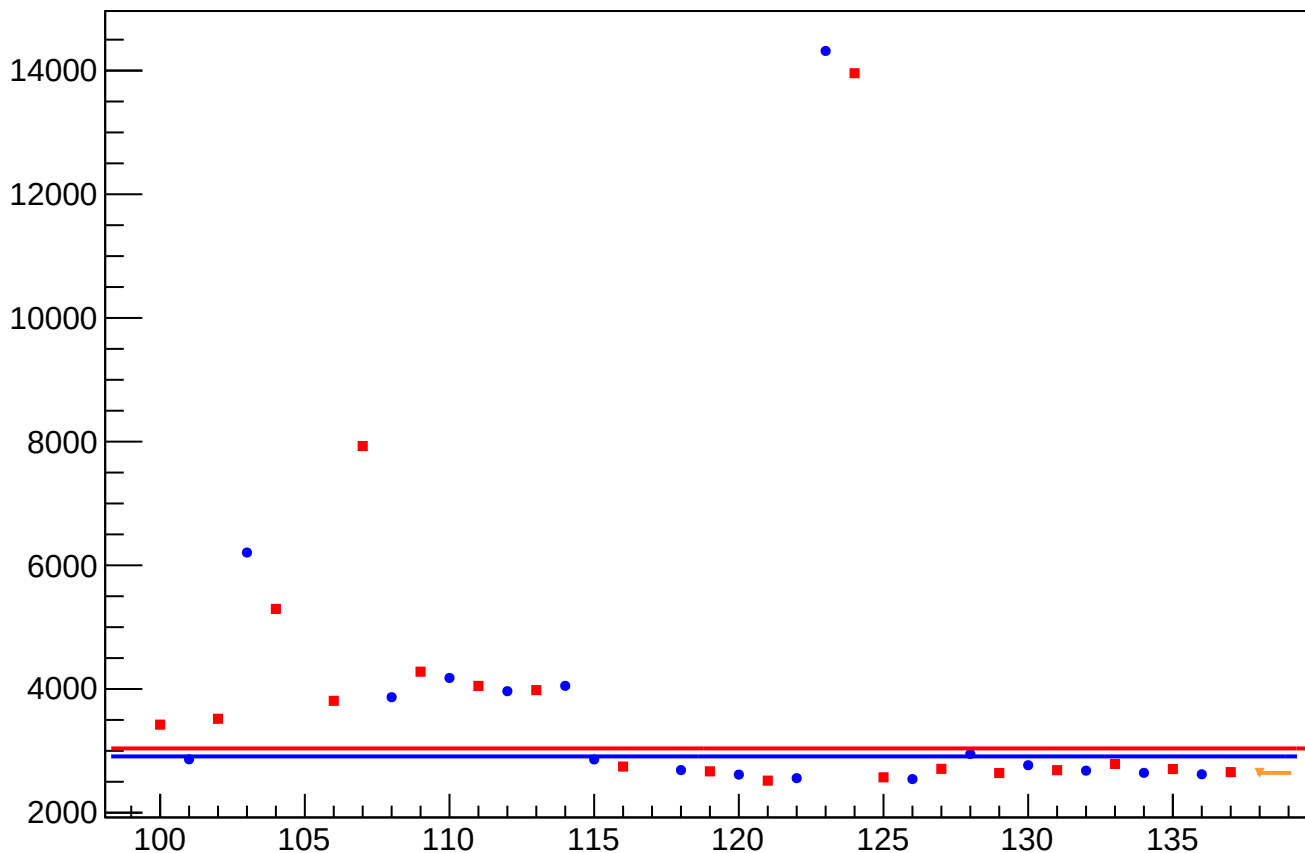
Right: 1573.398+/-826.356 χ^2/NDF : 40.5/35

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

Out: 1781.196+/-1107.957 χ^2/NDF : 28.0/19

All: 1904.565+/-798.367 χ^2/NDF : 42.9/36

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2643.702+/-2.188 χ^2/NDF :0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 2643.702+/-2.188 χ^2/NDF : 0.0/0

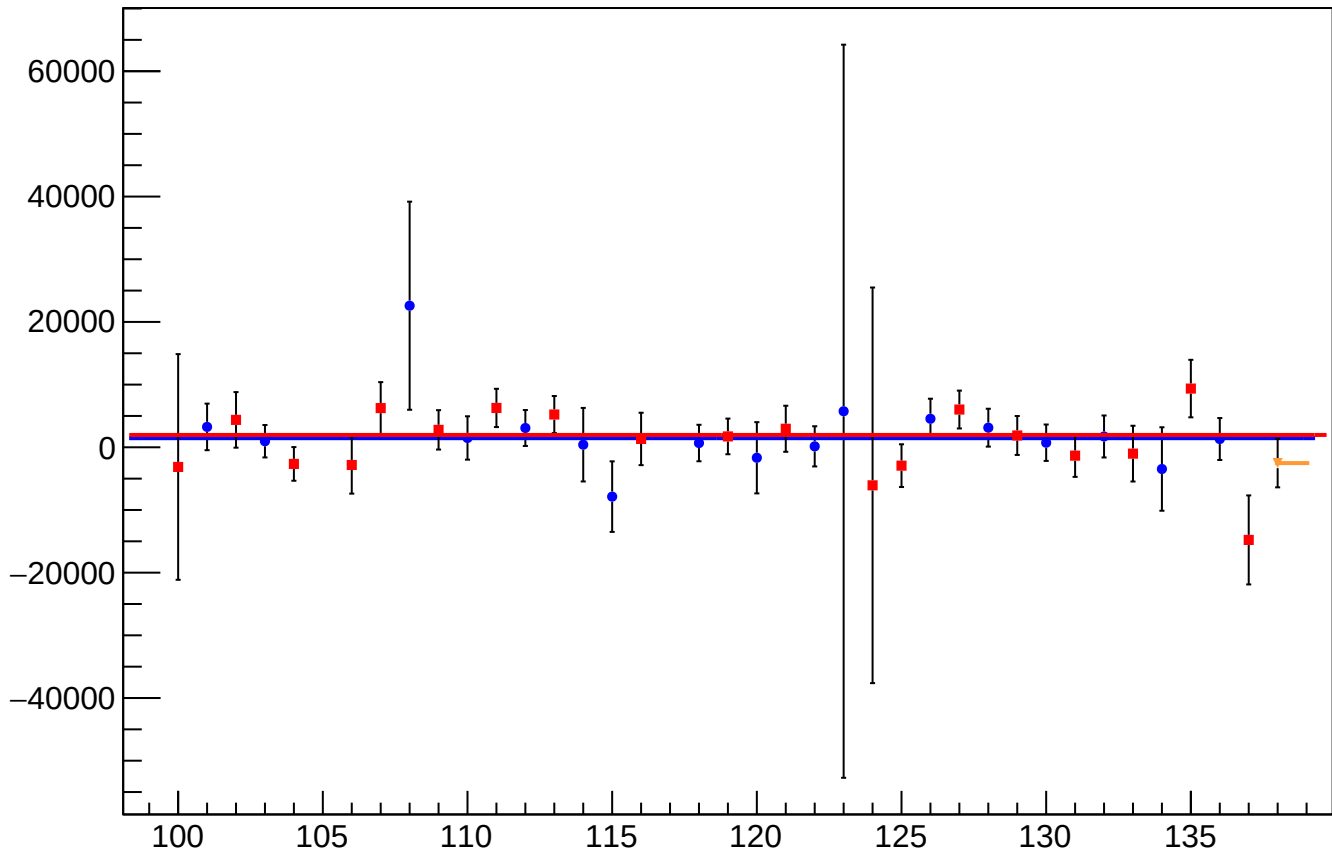
Right: 2972.475+/-0.584 χ^2/NDF : 1665447.8/35

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

Out: 2988.403+/-0.783 χ^2/NDF :1039787.7/19

All: 2950.581+/-0.565 χ^2/NDF : 1686530.3/36

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: -2520.246+/-3870.919 χ^2/NDF : 0.0/0

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

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

Left: -2520.246+/-3870.919 χ^2/NDF : 0.0/0

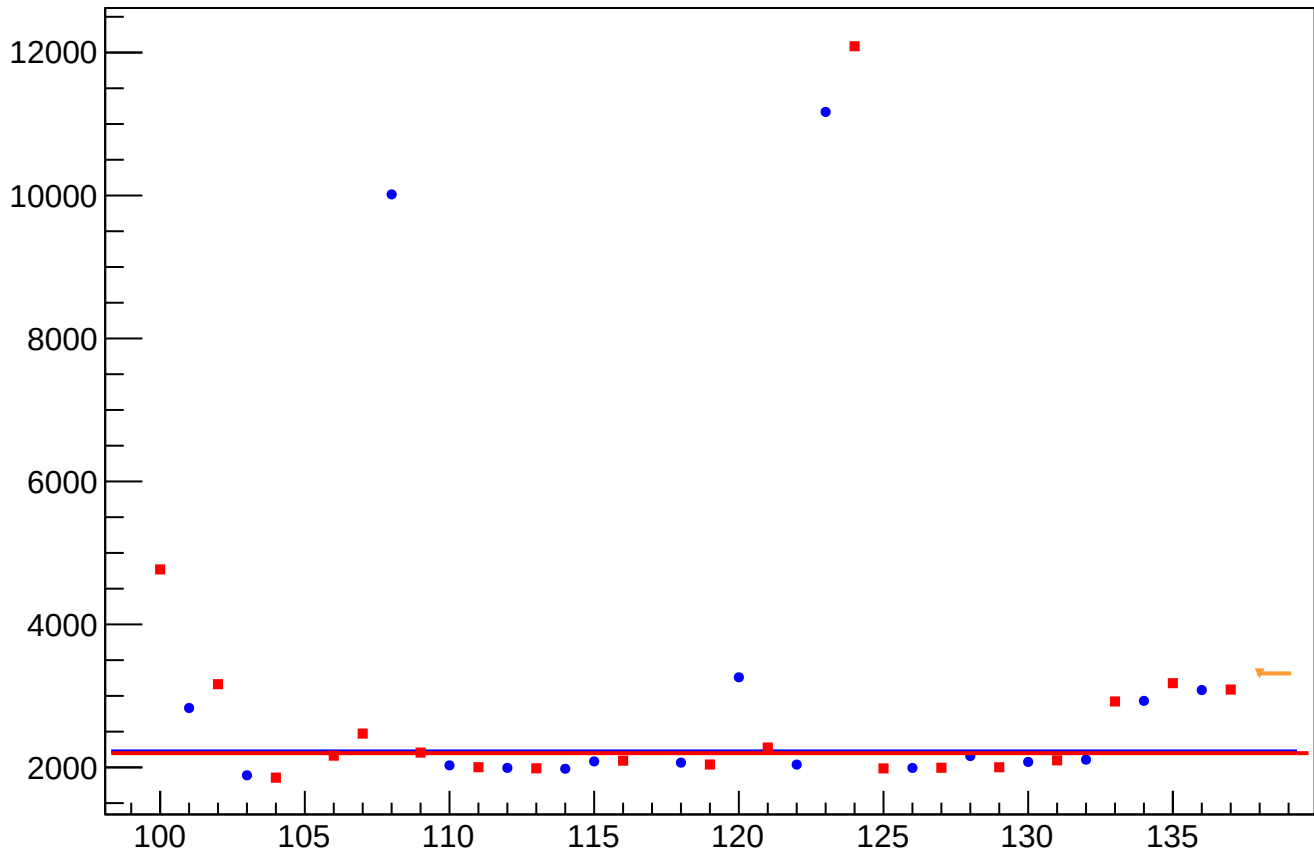
Right: 1722.028+/-614.553 χ^2/NDF : 30.0/35

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

Out: 1762.441+/-830.677 χ^2/NDF : 23.7/19

All: 1617.729+/-606.952 χ^2/NDF : 31.1/36

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132 ± 0.629 $\chi^2/\text{NDF}: 850289.4/16$

Left Out: 3314.329 ± 2.737 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2198.760 ± 0.601 $\chi^2/\text{NDF}: 602418.1/18$

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

Left: 3314.329 ± 2.737 $\chi^2/\text{NDF}: 0.0/0$

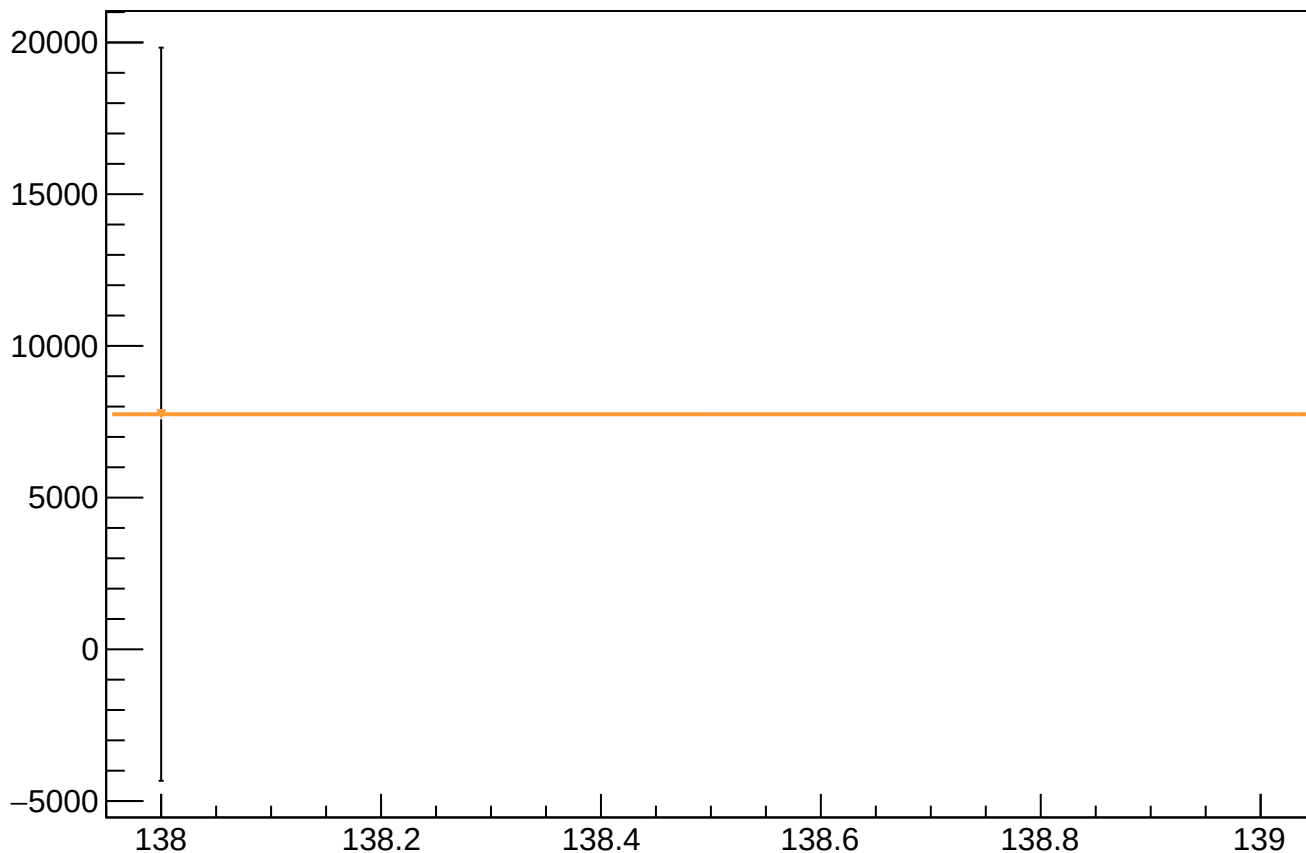
Right: 2210.398 ± 0.434 $\chi^2/\text{NDF}: 1453492.9/35$

In: 2223.132 ± 0.629 $\chi^2/\text{NDF}: 850289.4/16$

Out: 2250.062 ± 0.587 $\chi^2/\text{NDF}: 760888.9/19$

All: 2237.518 ± 0.429 $\chi^2/\text{NDF}: 1612158.7/36$

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: 7747.732+/-12080.875 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: 7747.732+/-12080.875 χ^2/NDF : 0.0/0

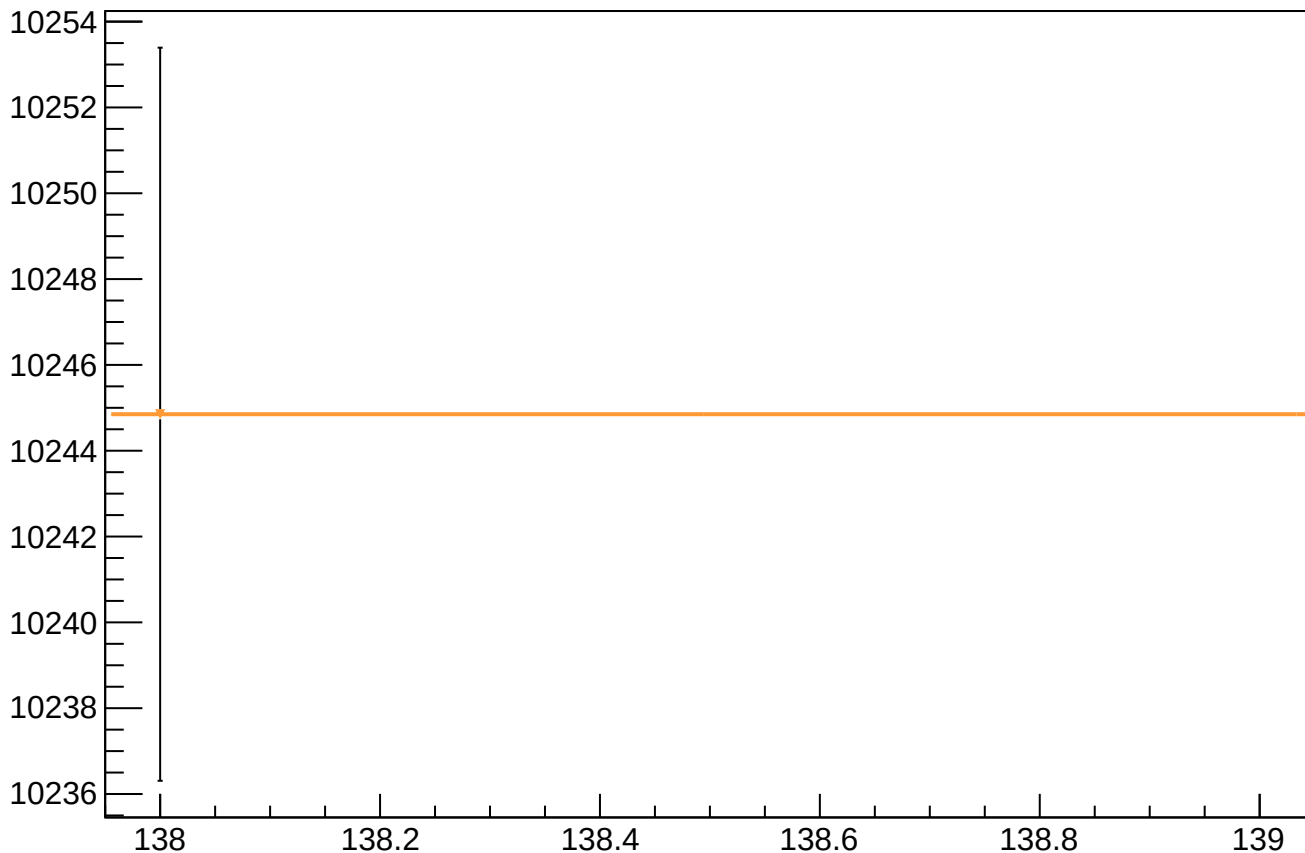
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 7747.732+/-12080.875 χ^2/NDF : 0.0/0

All: 7747.732+/-12080.875 χ^2/NDF : 0.0/0

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 10244.850+/-8.542 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: 10244.850+/-8.542 χ^2/NDF : 0.0/0

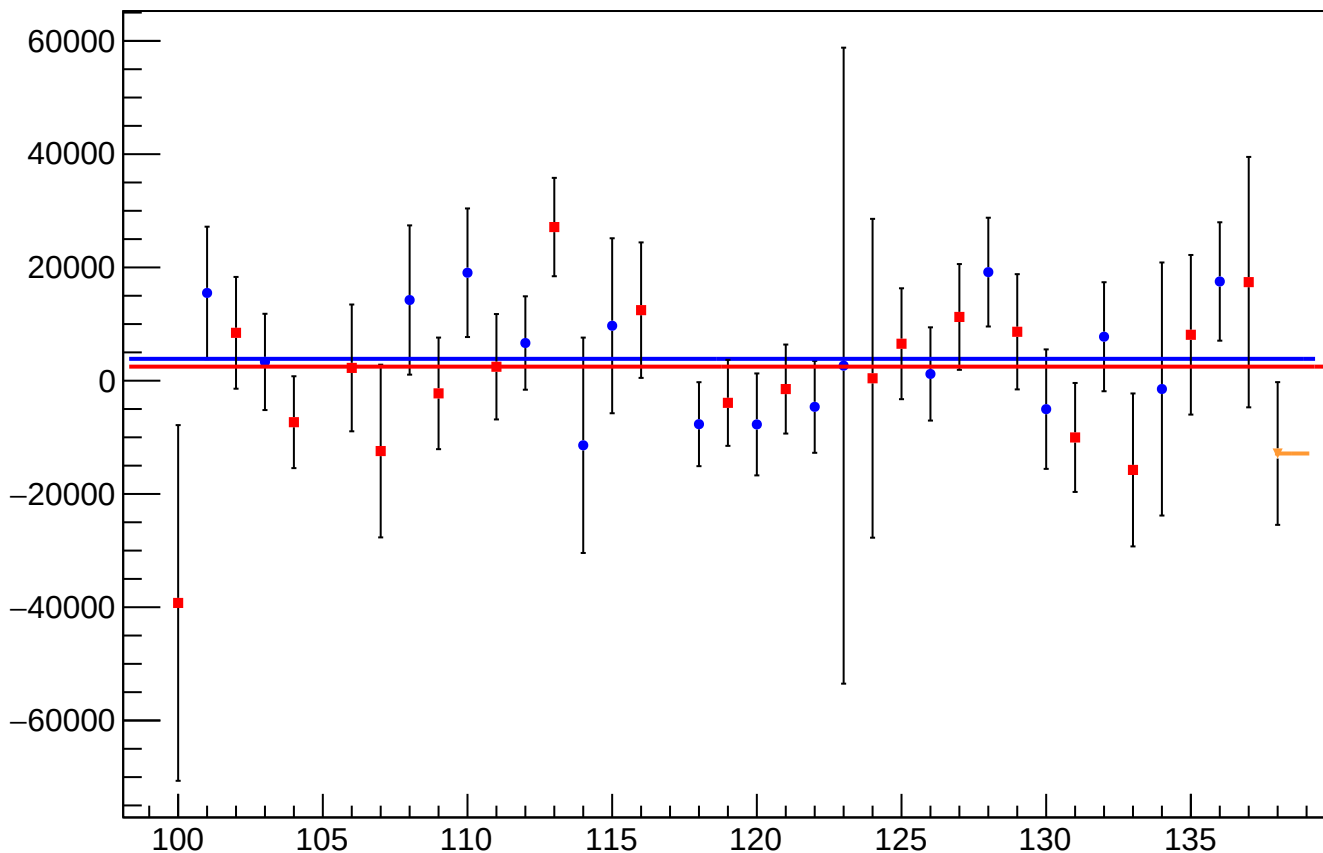
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 10244.850+/-8.542 χ^2/NDF : 0.0/0

All: 10244.850+/-8.542 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF : 14.8/16

Left Out: -12855.326+/-12601.227 χ^2/NDF : 0.0/0

Right Out: 2482.925+/-2421.310 χ^2/NDF : 20.0/18

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

Left: -12855.326+/-12601.227 χ^2/NDF : 0.0/0

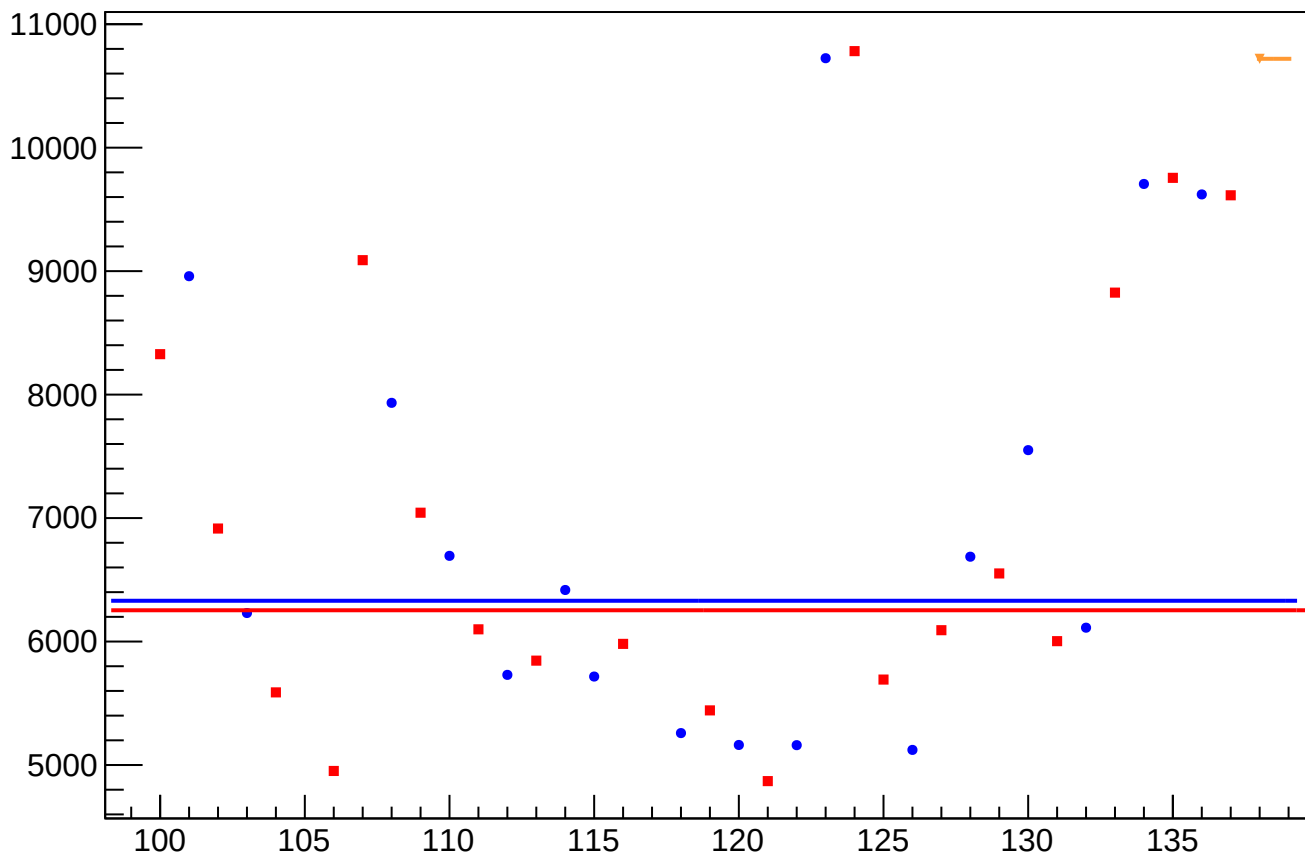
Right: 3146.972+/-1742.228 χ^2/NDF : 35.0/35

In: 3859.866+/-2508.782 χ^2/NDF : 14.8/16

Out: 1936.783+/-2377.812 χ^2/NDF : 21.5/19

All: 2846.819+/-1725.811 χ^2/NDF : 36.5/36

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF : 593395.6/16

Left Out: 10719.791+/-8.910 χ^2/NDF : 0.0/0

Right Out: 6253.330+/-1.712 χ^2/NDF : 535355.5/18

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

Left: 10719.791+/-8.910 χ^2/NDF : 0.0/0

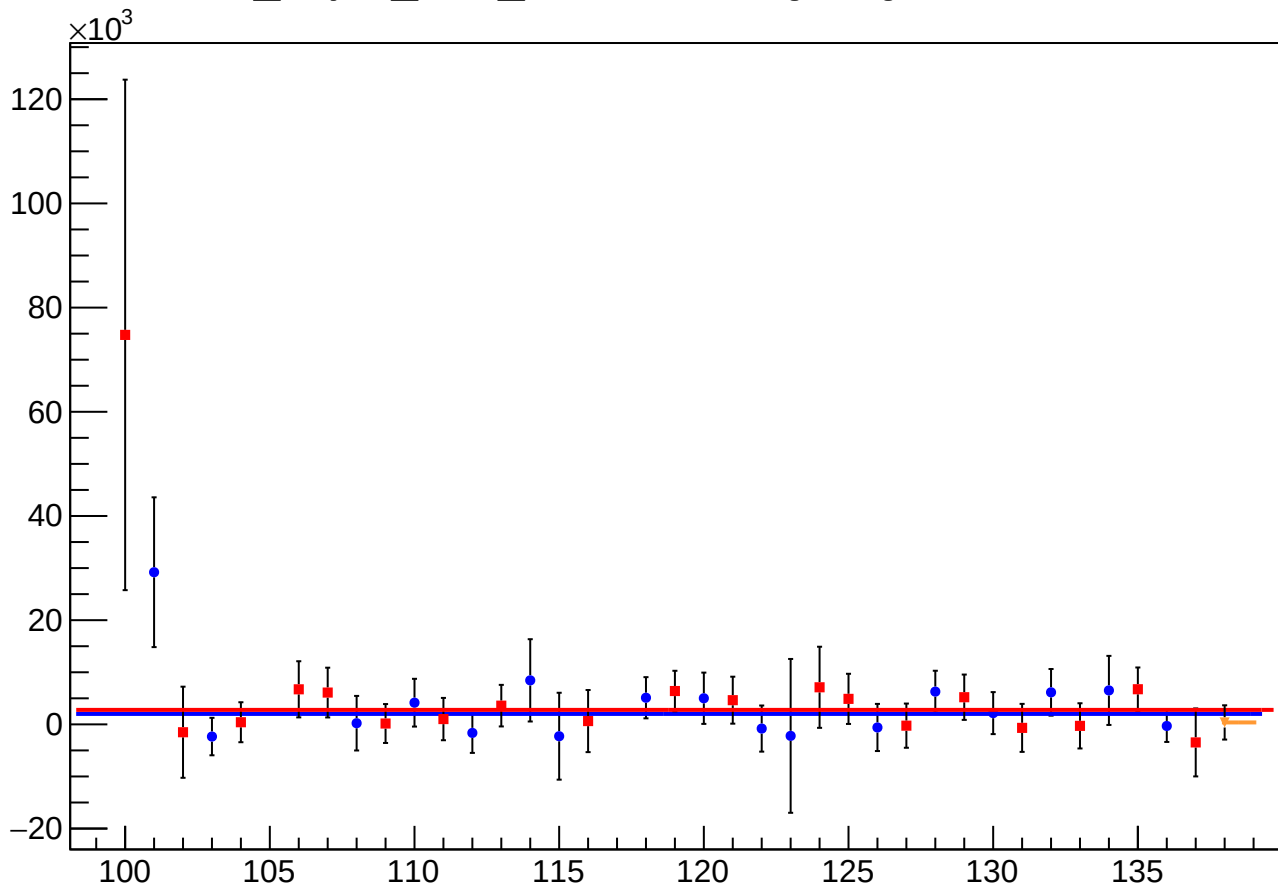
Right: 6290.444+/-1.232 χ^2/NDF : 1129725.5/35

In: 6330.291+/-1.774 χ^2/NDF : 593395.6/16

Out: 6412.351+/-1.681 χ^2/NDF : 777674.3/19

All: 6373.521+/-1.220 χ^2/NDF : 1372197.1/36

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF : 12.1/16

Left Out: 371.967+/-3289.294 χ^2/NDF : 0.0/0

Right Out: 2781.006+/-1086.164 χ^2/NDF : 9.9/18

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

Left: 371.967+/-3289.294 χ^2/NDF : 0.0/0

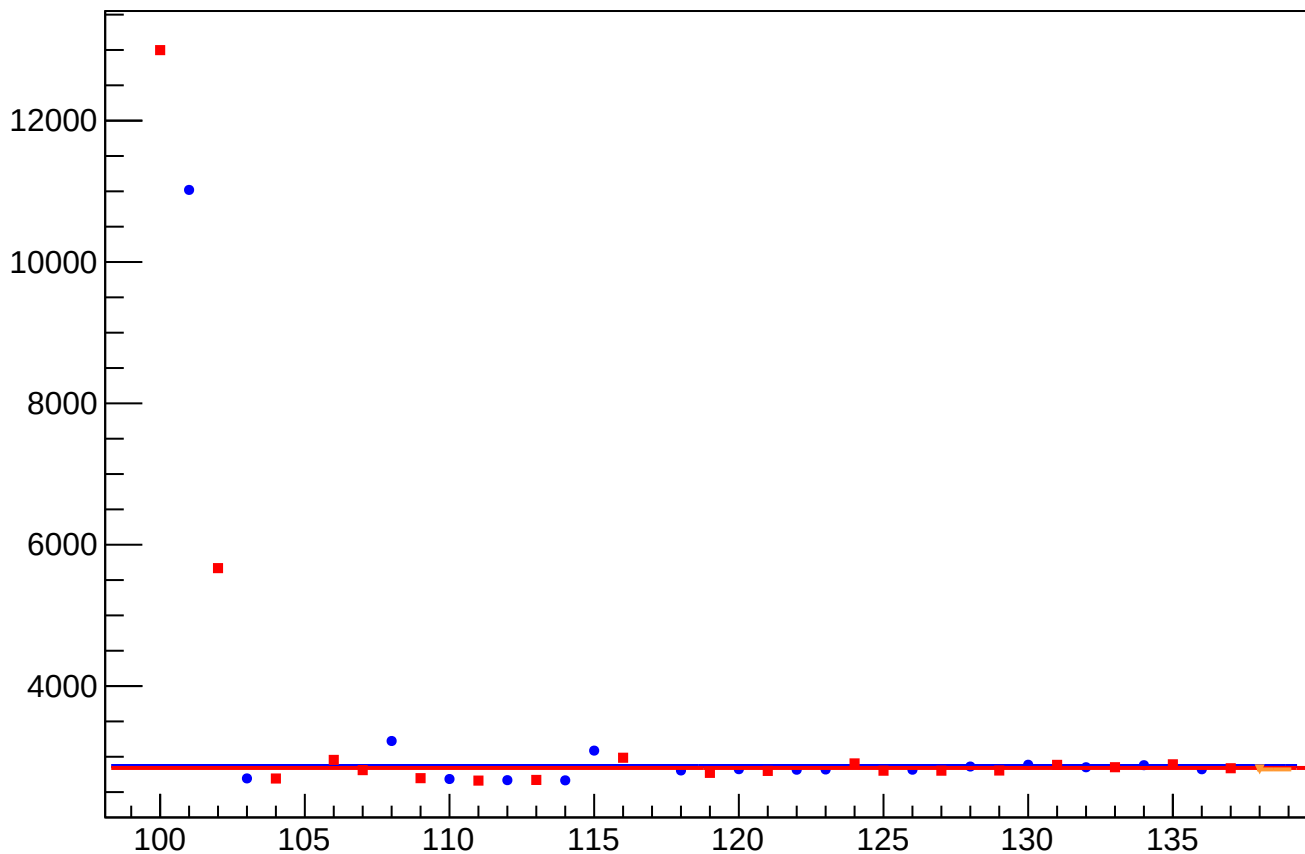
Right: 2409.980+/-784.479 χ^2/NDF : 22.2/35

In: 2005.383+/-1134.240 χ^2/NDF : 12.1/16

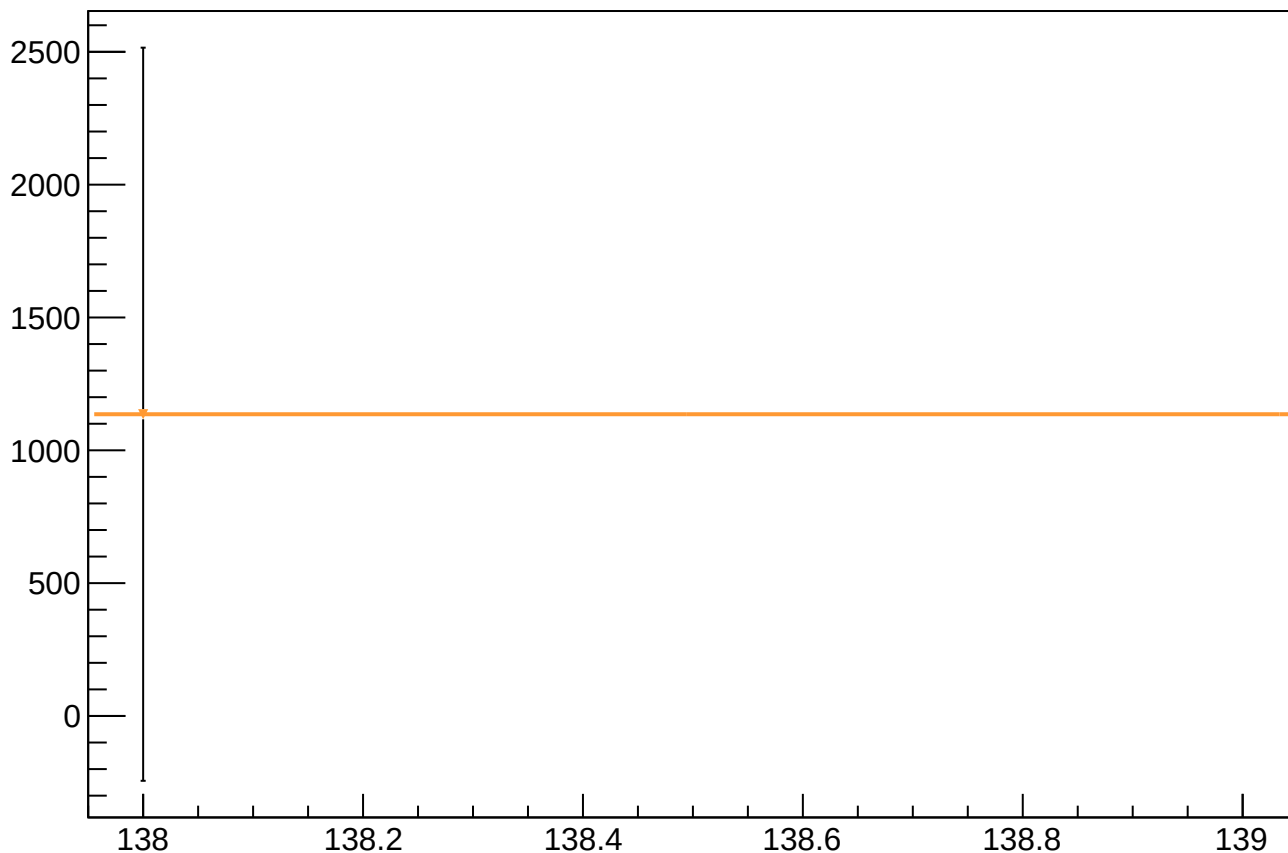
Out: 2544.151+/-1031.387 χ^2/NDF : 10.4/19

All: 2300.297+/-763.078 χ^2/NDF : 22.6/36

dit_asym_atr1_rms vs Slug, Sign Corrected



asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 1135.803+/-1379.861 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: 1135.803+/-1379.861 χ^2/NDF : 0.0/0

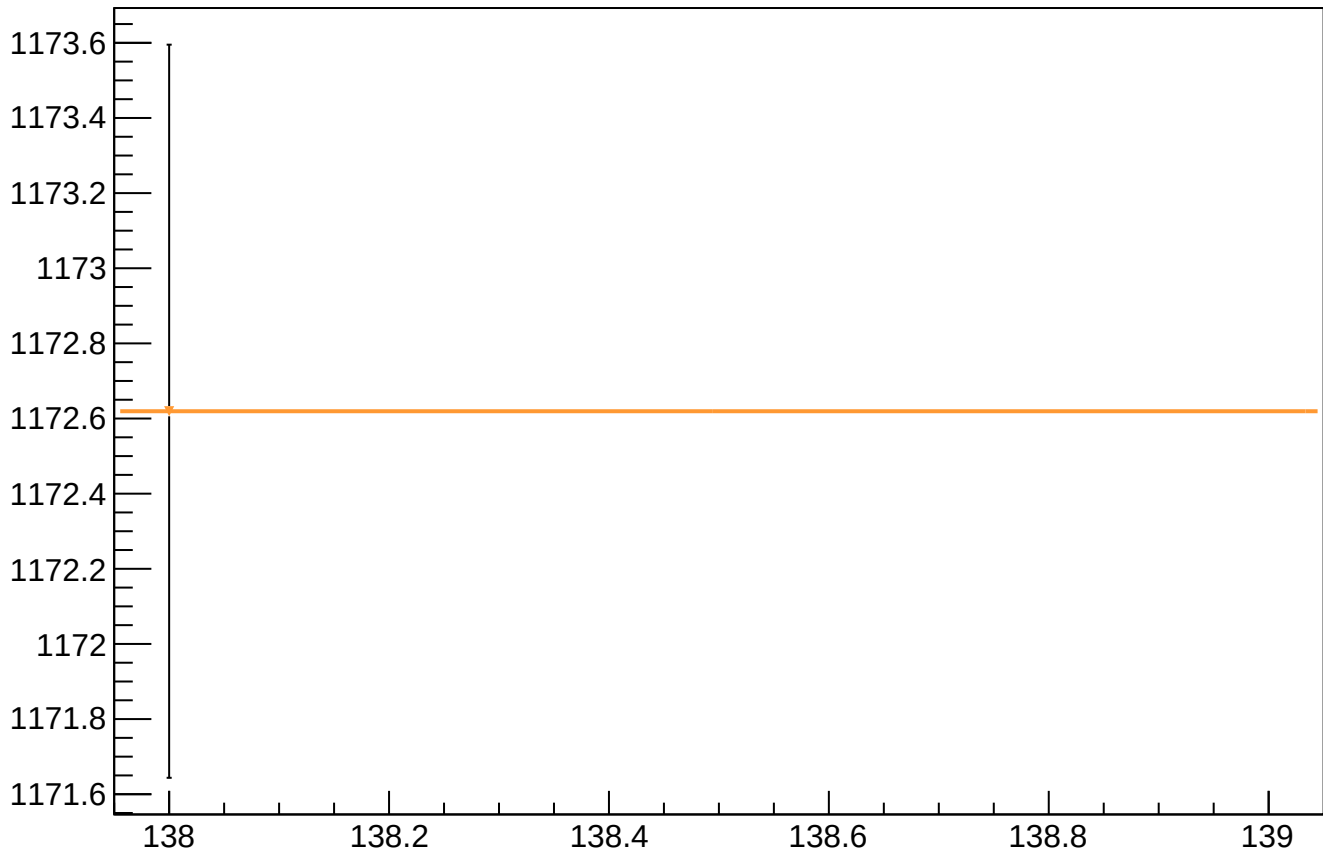
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1135.803+/-1379.861 χ^2/NDF : 0.0/0

All: 1135.803+/-1379.861 χ^2/NDF : 0.0/0

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 1172.619+/-0.976 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: 1172.619+/-0.976 χ^2/NDF : 0.0/0

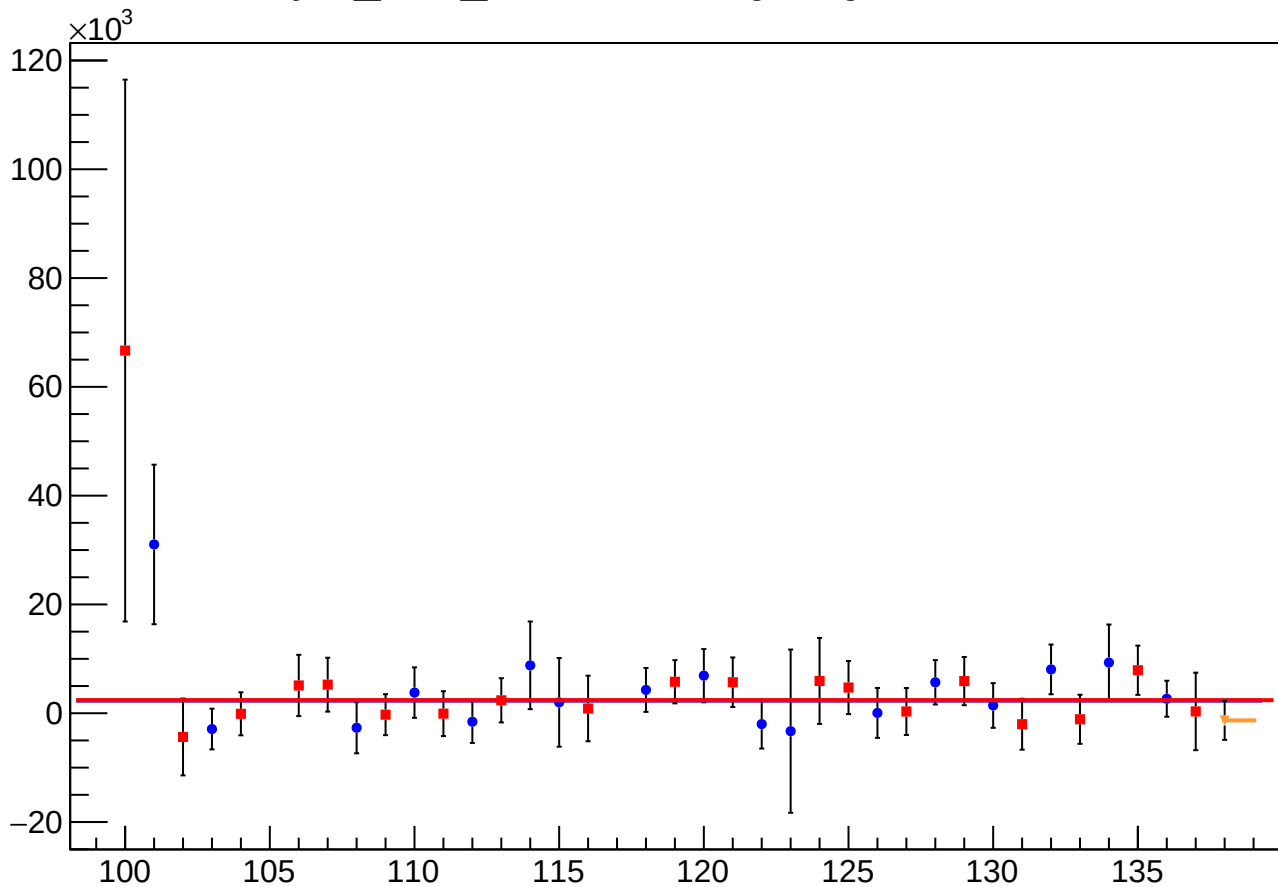
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1172.619+/-0.976 χ^2/NDF : 0.0/0

All: 1172.619+/-0.976 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF : 14.4/16

Left Out: -1316.923+/-3578.303 χ^2/NDF : 0.0/0

Right Out: 2403.750+/-1110.093 χ^2/NDF : 10.1/18

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

Left: -1316.923+/-3578.303 χ^2/NDF : 0.0/0

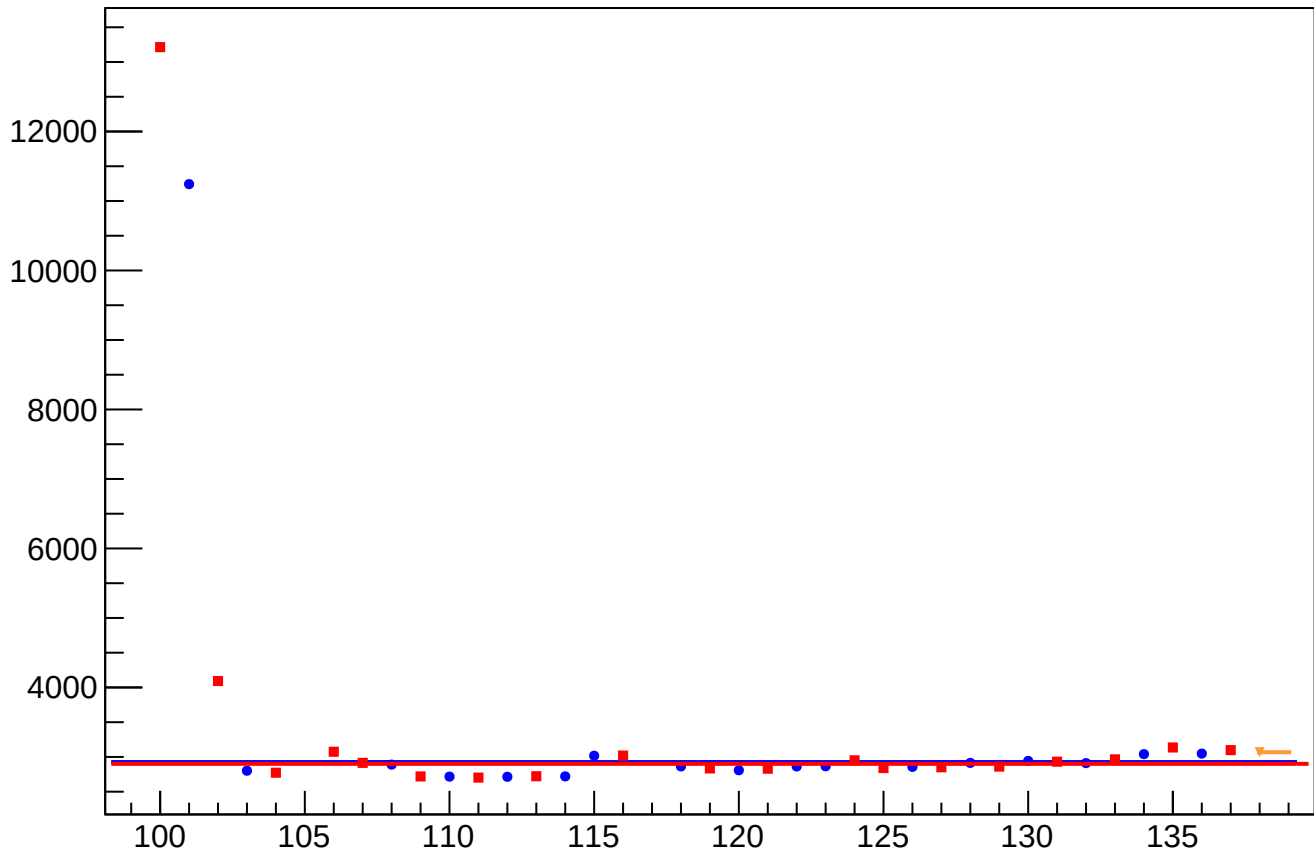
Right: 2368.450+/-800.876 χ^2/NDF : 24.5/35

In: 2330.134+/-1156.555 χ^2/NDF : 14.4/16

Out: 2077.102+/-1060.245 χ^2/NDF : 11.1/19

All: 2192.645+/-781.540 χ^2/NDF : 25.5/36

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 3068.374+/-2.530 χ^2/NDF : 0.0/0

Right Out: 2900.827+/-0.785 χ^2/NDF : 169866.6/18

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

Left: 3068.374+/-2.530 χ^2/NDF : 0.0/0

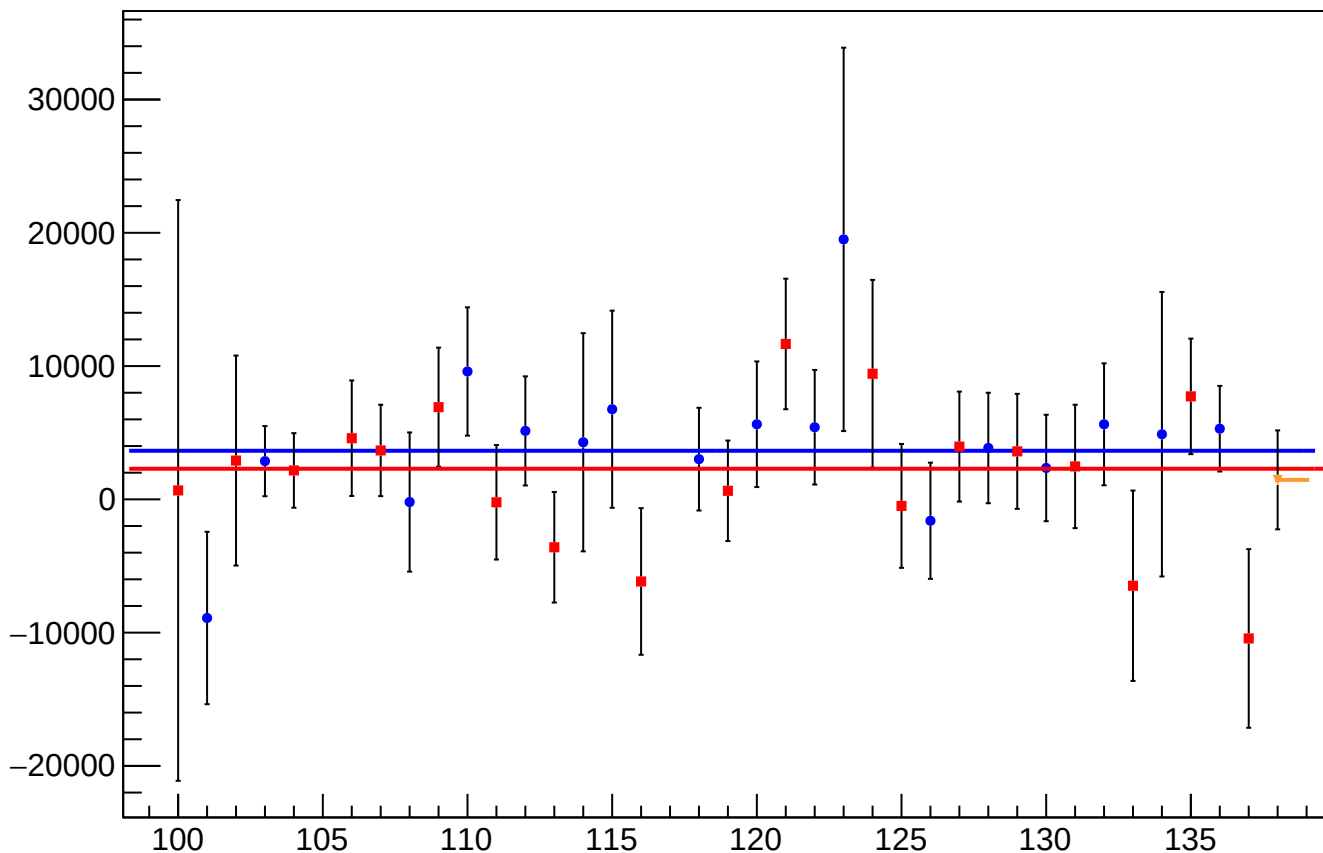
Right: 2913.190+/-0.566 χ^2/NDF : 833178.3/35

In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Out: 2915.536+/-0.750 χ^2/NDF : 173866.5/19

All: 2920.593+/-0.553 χ^2/NDF : 836760.5/36

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF : 9.9/16

Left Out: 1461.253+/-3711.748 χ^2/NDF : 0.0/0

Right Out: 2295.846+/-1046.865 χ^2/NDF : 18.4/18

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

Left: 1461.253+/-3711.748 χ^2/NDF : 0.0/0

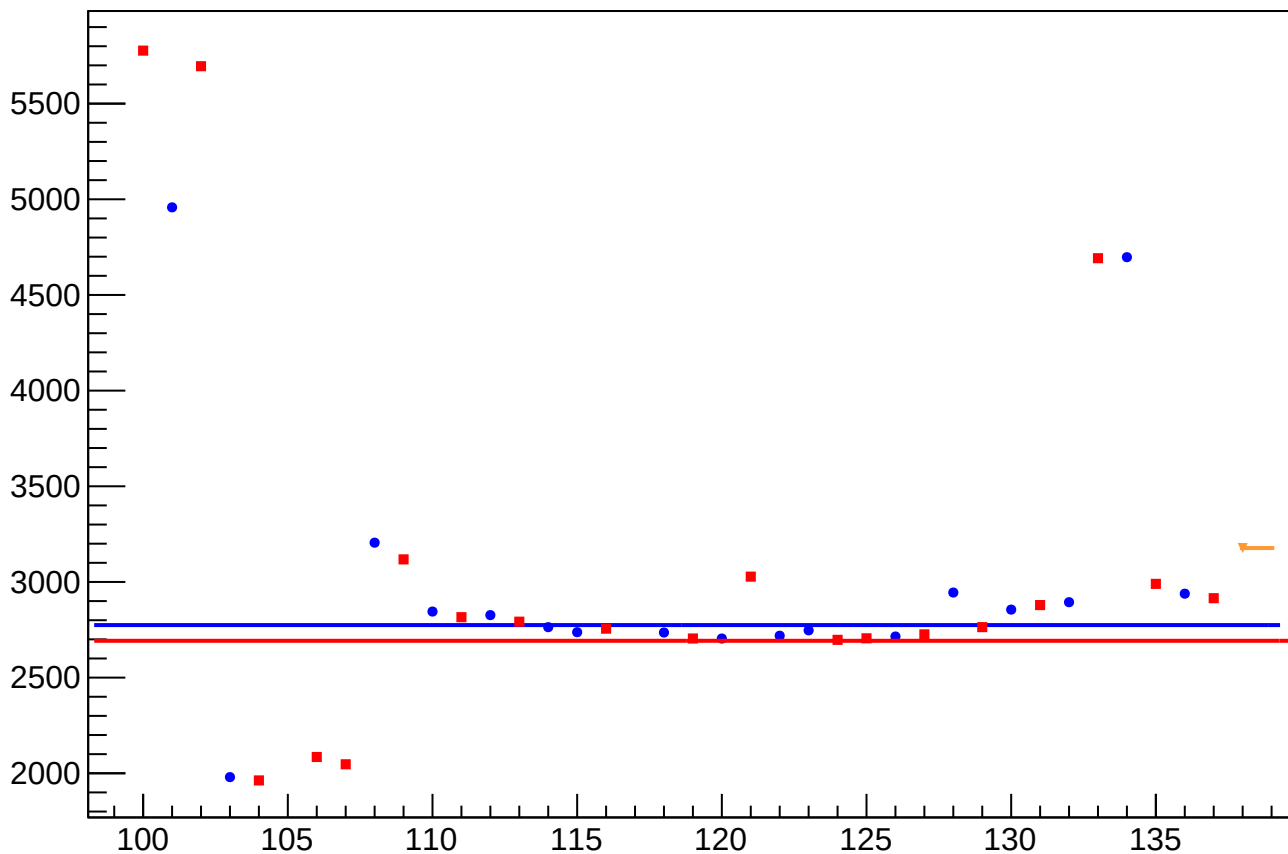
Right: 2942.410+/-755.528 χ^2/NDF : 29.1/35

In: 3645.268+/-1091.486 χ^2/NDF : 9.9/16

Out: 2234.348+/-1007.557 χ^2/NDF : 18.5/19

All: 2883.483+/-740.346 χ^2/NDF : 29.2/36

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF : 501680.3/16

Left Out: 3177.189+/-2.625 χ^2/NDF : 0.0/0

Right Out: 2692.509+/-0.740 χ^2/NDF : 780267.3/18

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

Left: 3177.189+/-2.625 χ^2/NDF : 0.0/0

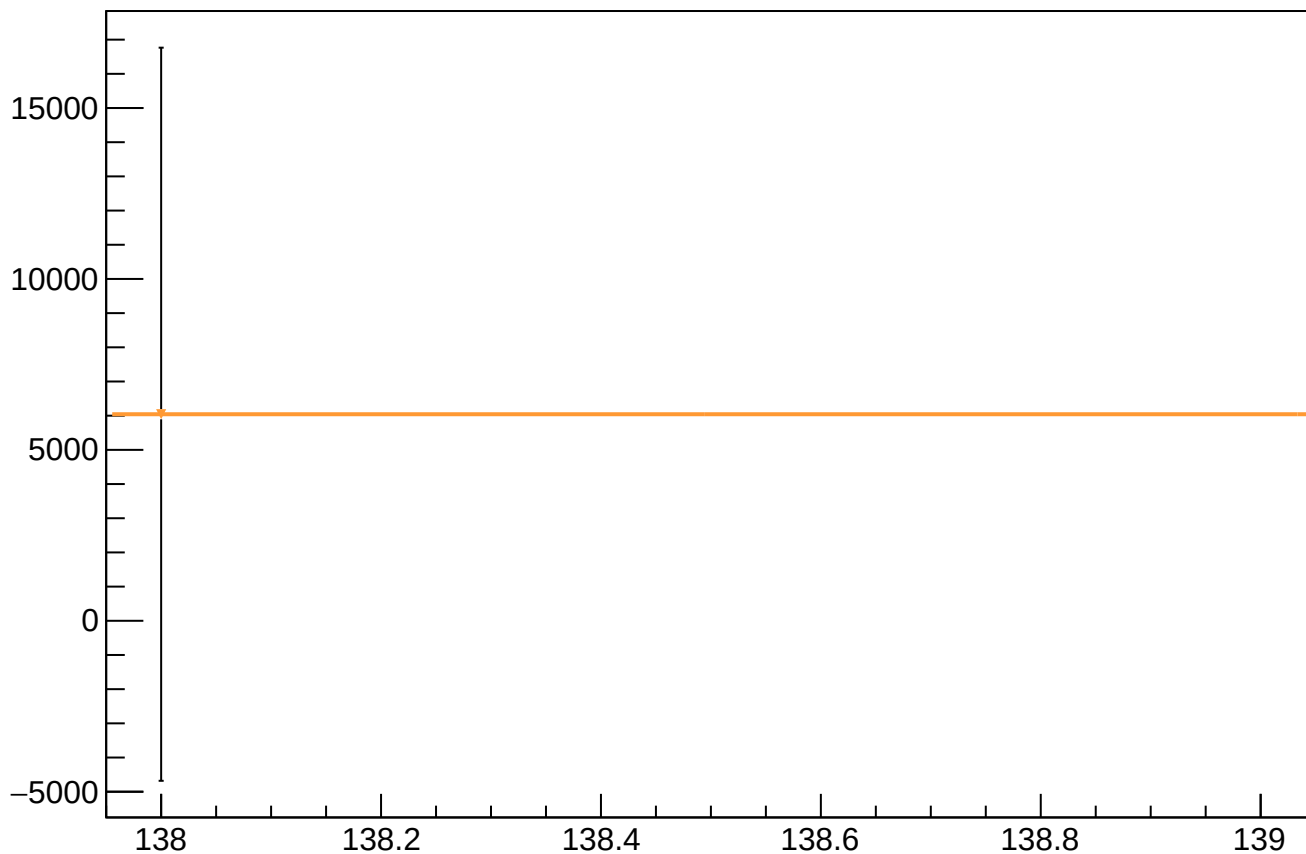
Right: 2731.837+/-0.534 χ^2/NDF : 1287844.4/35

In: 2774.617+/-0.772 χ^2/NDF : 501680.3/16

Out: 2728.202+/-0.712 χ^2/NDF : 811858.2/19

All: 2749.550+/-0.523 χ^2/NDF : 1315491.8/36

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 6042.364+/-10722.969 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: 6042.364+/-10722.969 χ^2/NDF : 0.0/0

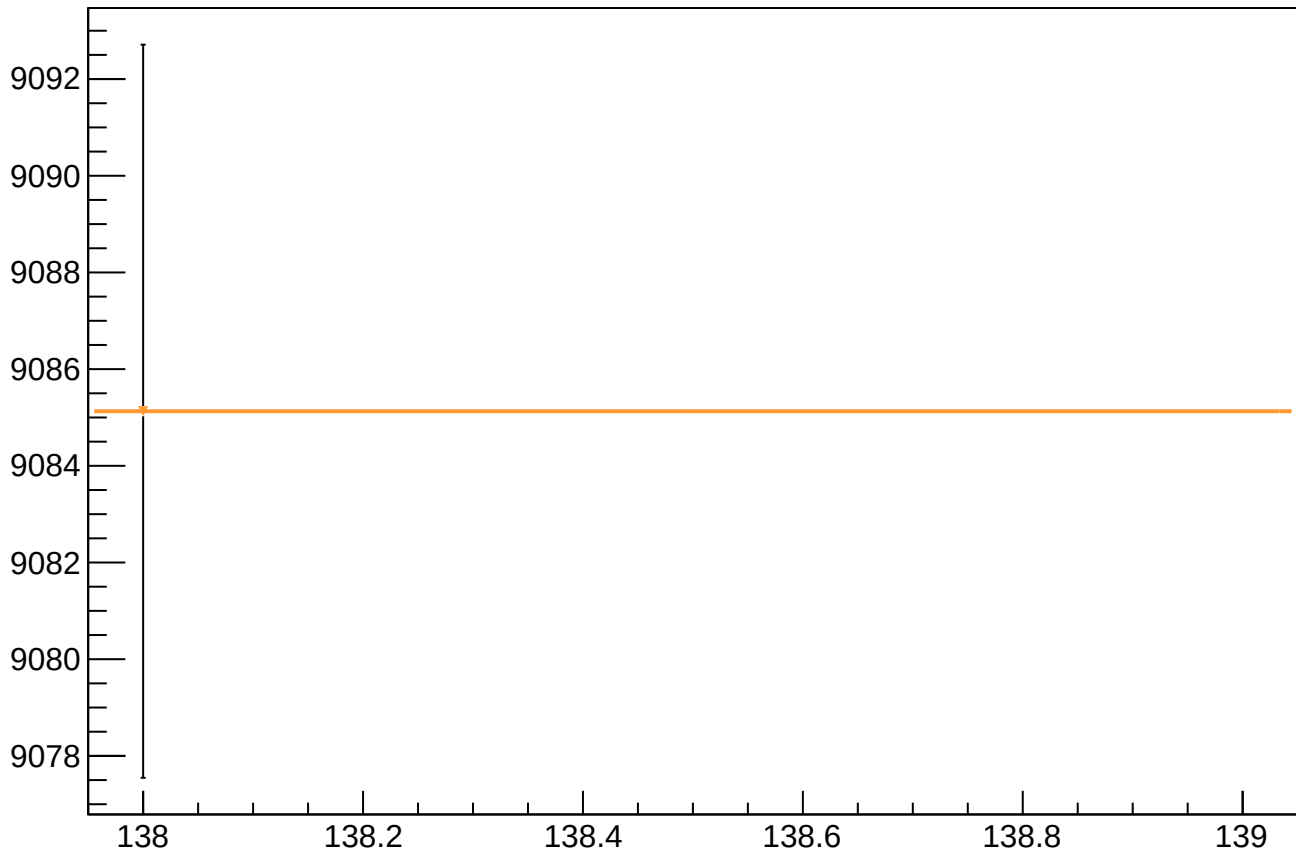
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 6042.364+/-10722.969 χ^2/NDF : 0.0/0

All: 6042.364+/-10722.969 χ^2/NDF : 0.0/0

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 9085.129+/-7.582 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: 9085.129+/-7.582 χ^2/NDF : 0.0/0

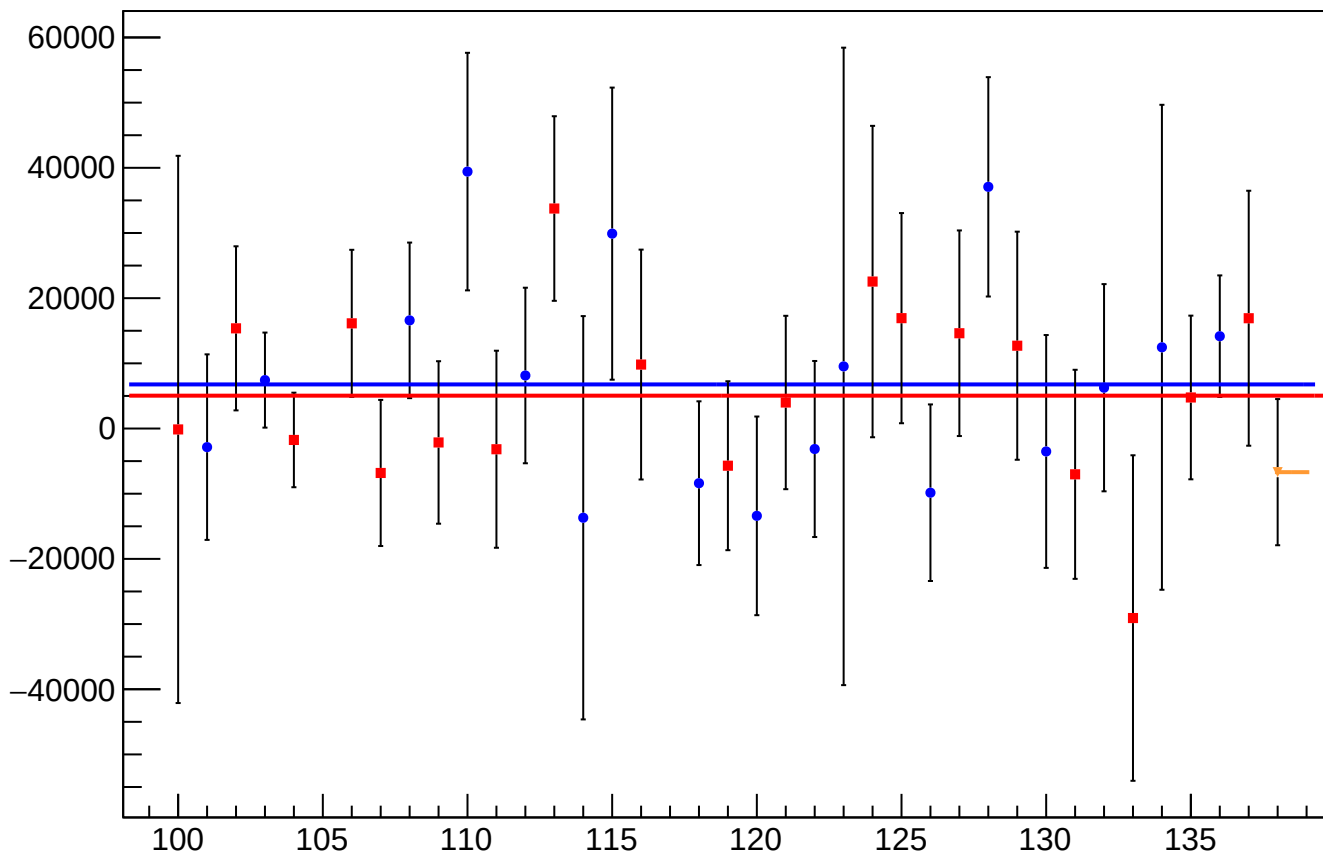
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 9085.129+/-7.582 χ^2/NDF : 0.0/0

All: 9085.129+/-7.582 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -6693.498+/-11214.134 χ^2/NDF : 0.0/0

Right Out: 5041.440+/-3167.616 χ^2/NDF : 13.6/18

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

Left: -6693.498+/-11214.134 χ^2/NDF : 0.0/0

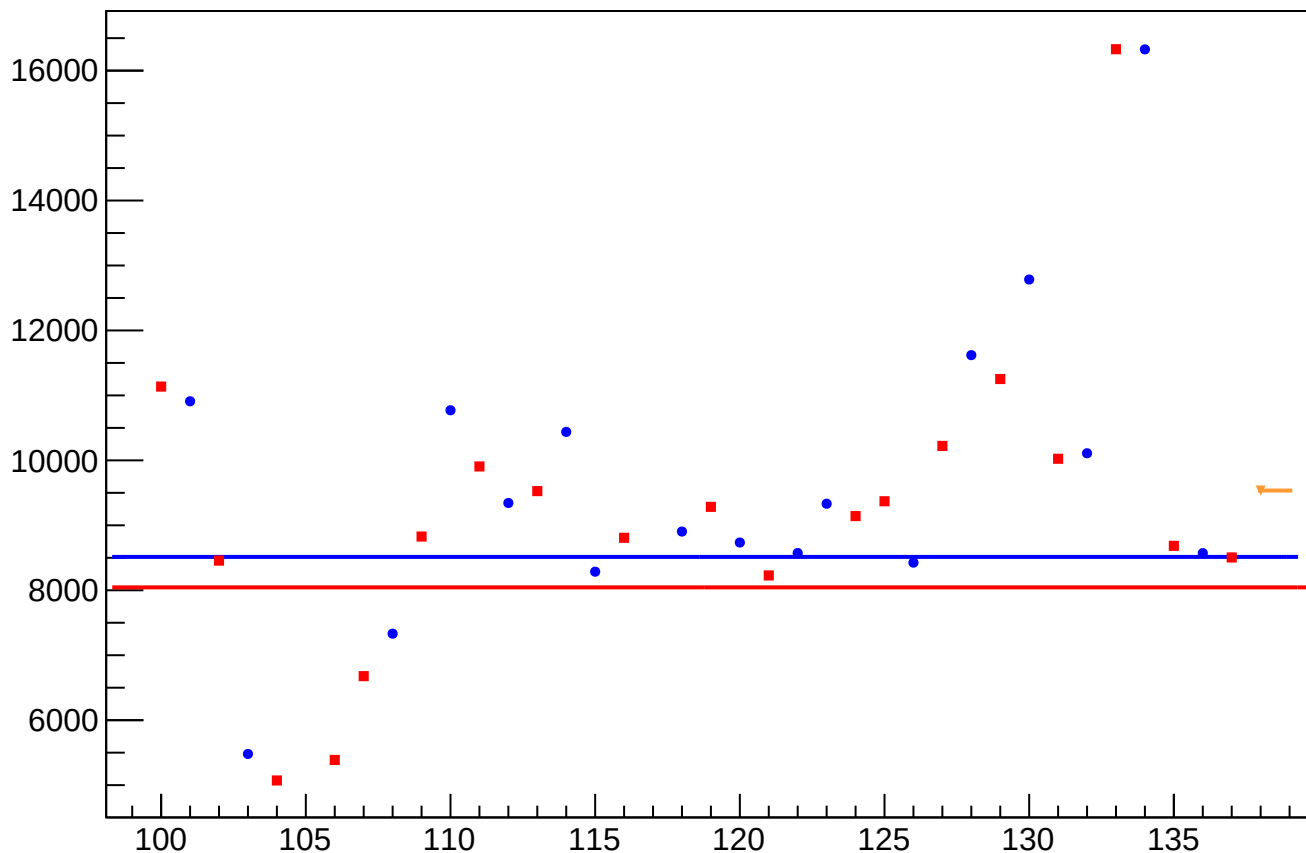
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Out: 4174.326+/-3048.340 χ^2/NDF : 14.6/19

All: 5334.727+/-2265.842 χ^2/NDF : 30.3/36

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Left Out: 9535.351+/-7.930 χ^2/NDF : 0.0/0

Right Out: 8044.739+/-2.240 χ^2/NDF : 952310.5/18

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

Left: 9535.351+/-7.930 χ^2/NDF : 0.0/0

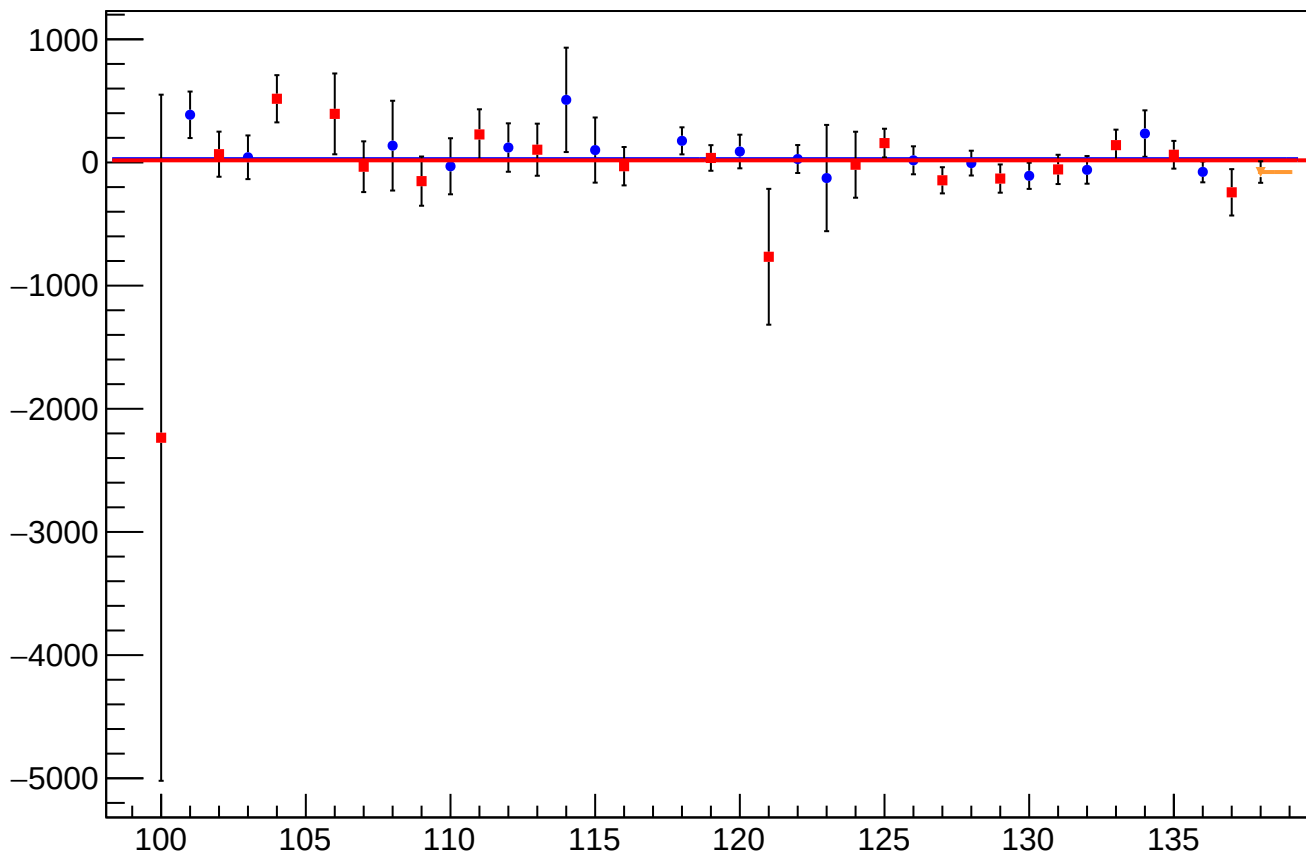
Right: 8263.507+/-1.636 χ^2/NDF : 1735374.5/35

In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Out: 8154.875+/-2.155 χ^2/NDF : 985036.4/19

All: 8315.428+/-1.602 χ^2/NDF : 1760050.0/36

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF : 12.6/16

Left Out: -77.709+/-87.510 χ^2/NDF : 0.0/0

Right Out: 17.368+/-35.548 χ^2/NDF : 21.9/18

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

Left: -77.709+/-87.510 χ^2/NDF : 0.0/0

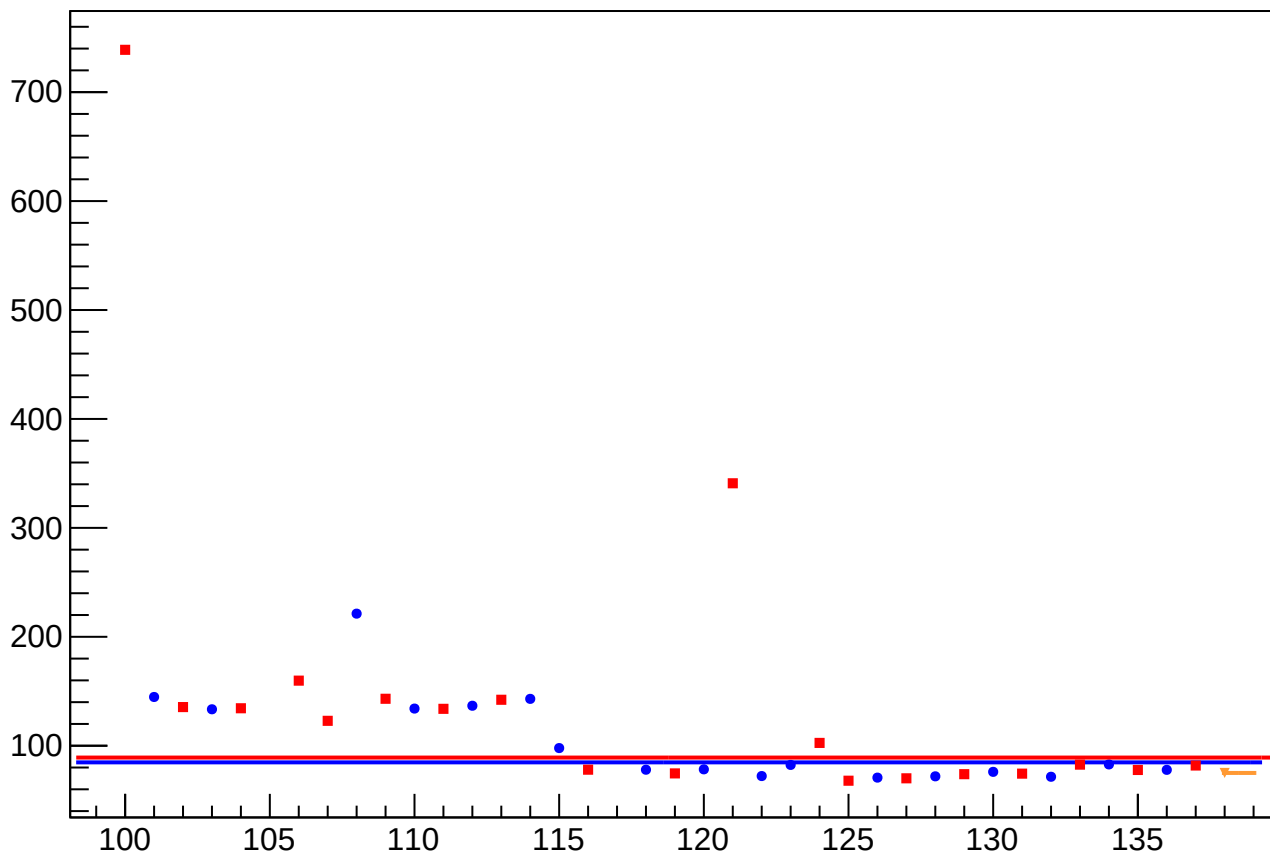
Right: 22.359+/-24.581 χ^2/NDF : 34.5/35

In: 26.932+/-34.029 χ^2/NDF : 12.6/16

Out: 3.902+/-32.934 χ^2/NDF : 22.9/19

All: 15.040+/-23.665 χ^2/NDF : 35.7/36

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF : 1064420.0/16

Left Out: 75.018+/-0.062 χ^2/NDF : 0.0/0

Right Out: 89.143+/-0.025 χ^2/NDF : 1559269.8/18

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

Left: 75.018+/-0.062 χ^2/NDF : 0.0/0

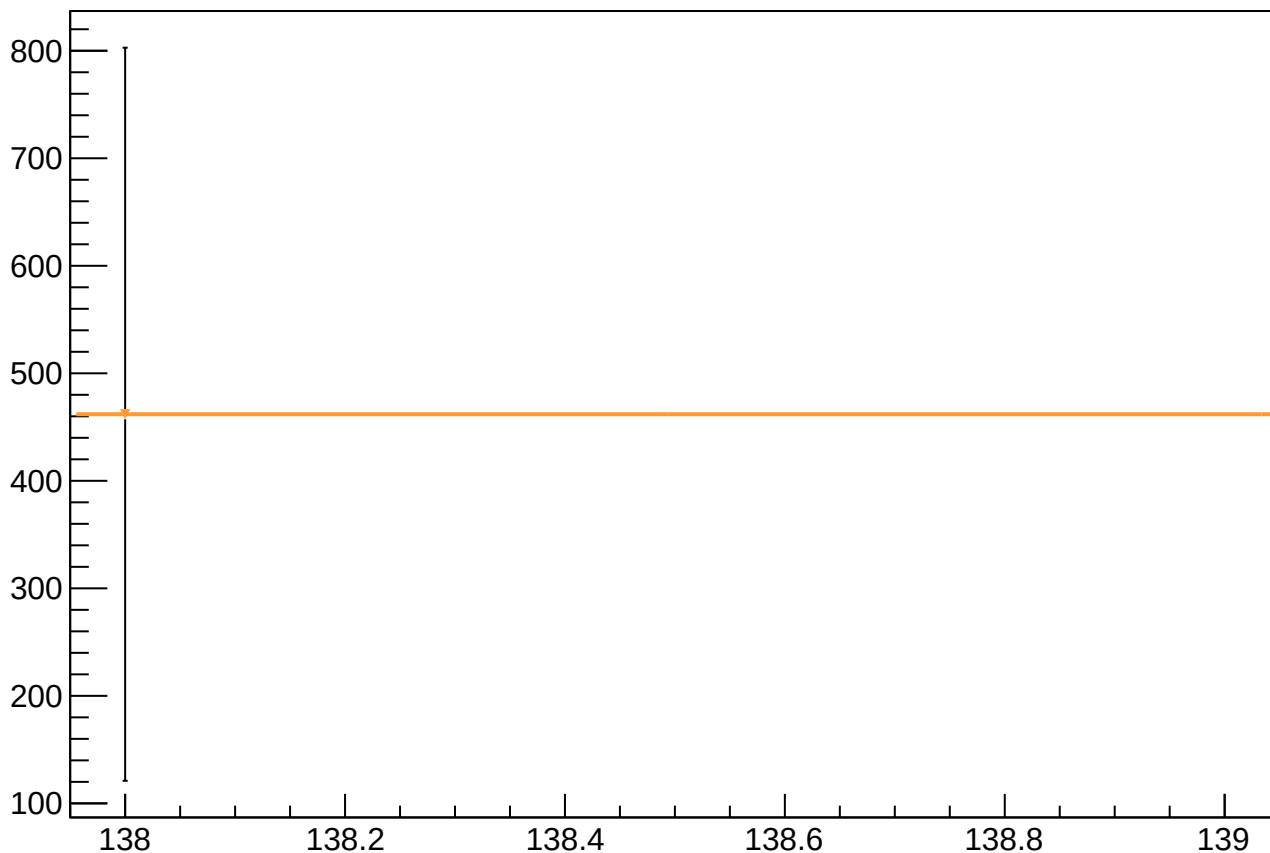
Right: 86.844+/-0.017 χ^2/NDF : 2639723.0/35

In: 84.737+/-0.024 χ^2/NDF : 1064420.0/16

Out: 87.142+/-0.023 χ^2/NDF : 1603997.9/19

All: 85.979+/-0.017 χ^2/NDF : 2673577.7/36

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 461.935+/-340.937 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: 461.935+/-340.937 χ^2/NDF : 0.0/0

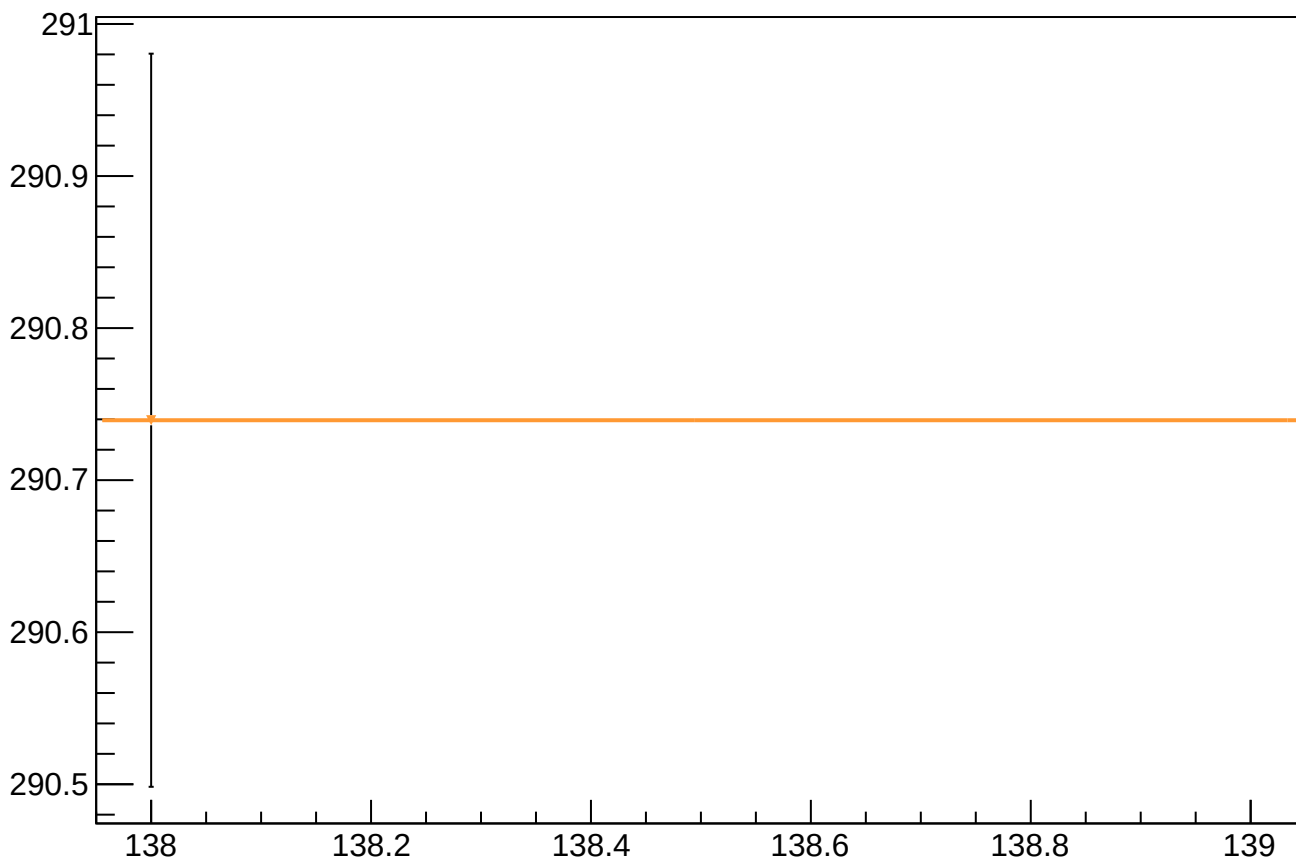
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 461.935+/-340.937 χ^2/NDF : 0.0/0

All: 461.935+/-340.937 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 290.739+/-0.241 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: 290.739+/-0.241 χ^2/NDF : 0.0/0

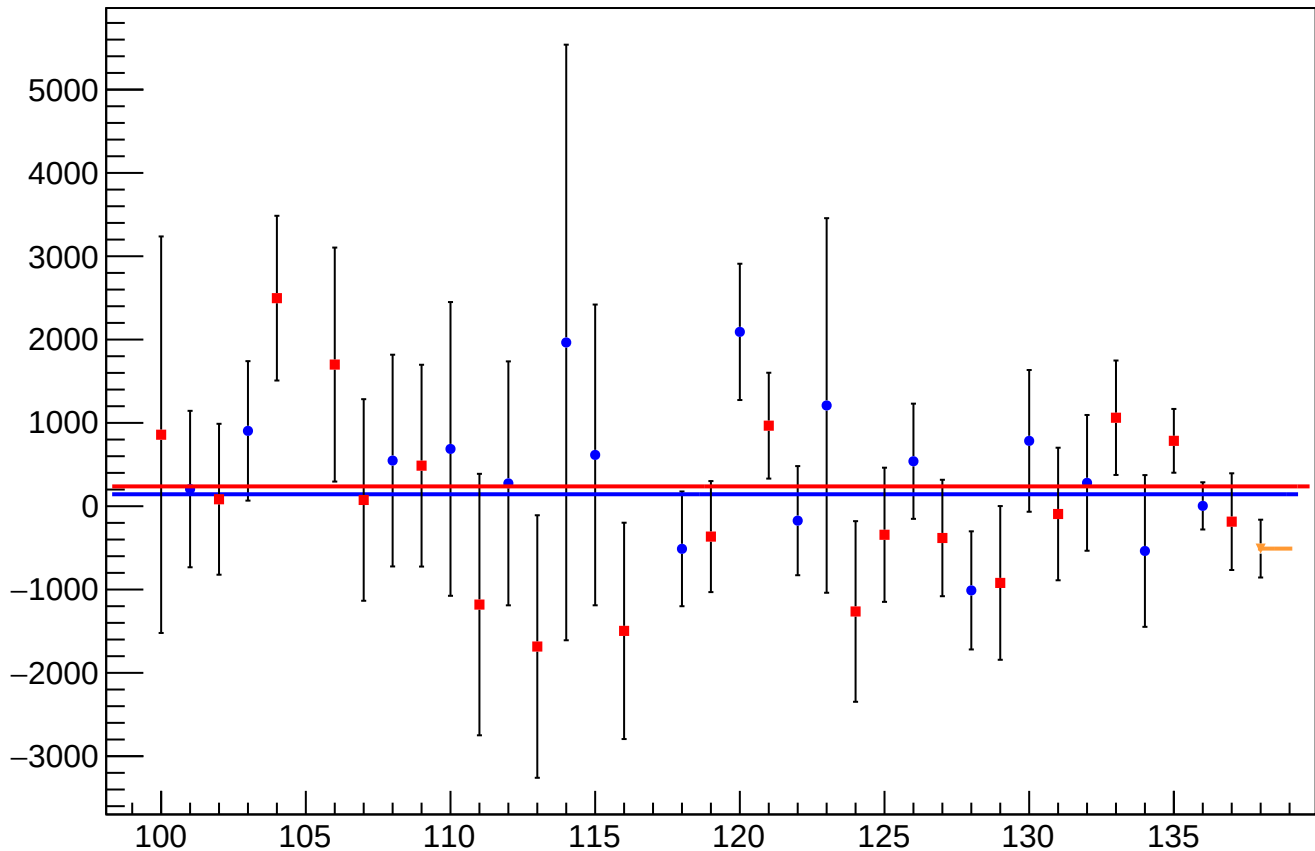
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 290.739+/-0.241 χ^2/NDF : 0.0/0

All: 290.739+/-0.241 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -508.718 $\pm$ 346.932 χ^2 /NDF:0.0/0

Right Out: 237.821 $\pm$ 183.995 χ^2 /NDF: 21.7/18

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

Left: -508.718 $\pm$ 346.932 χ^2 /NDF: 0.0/0

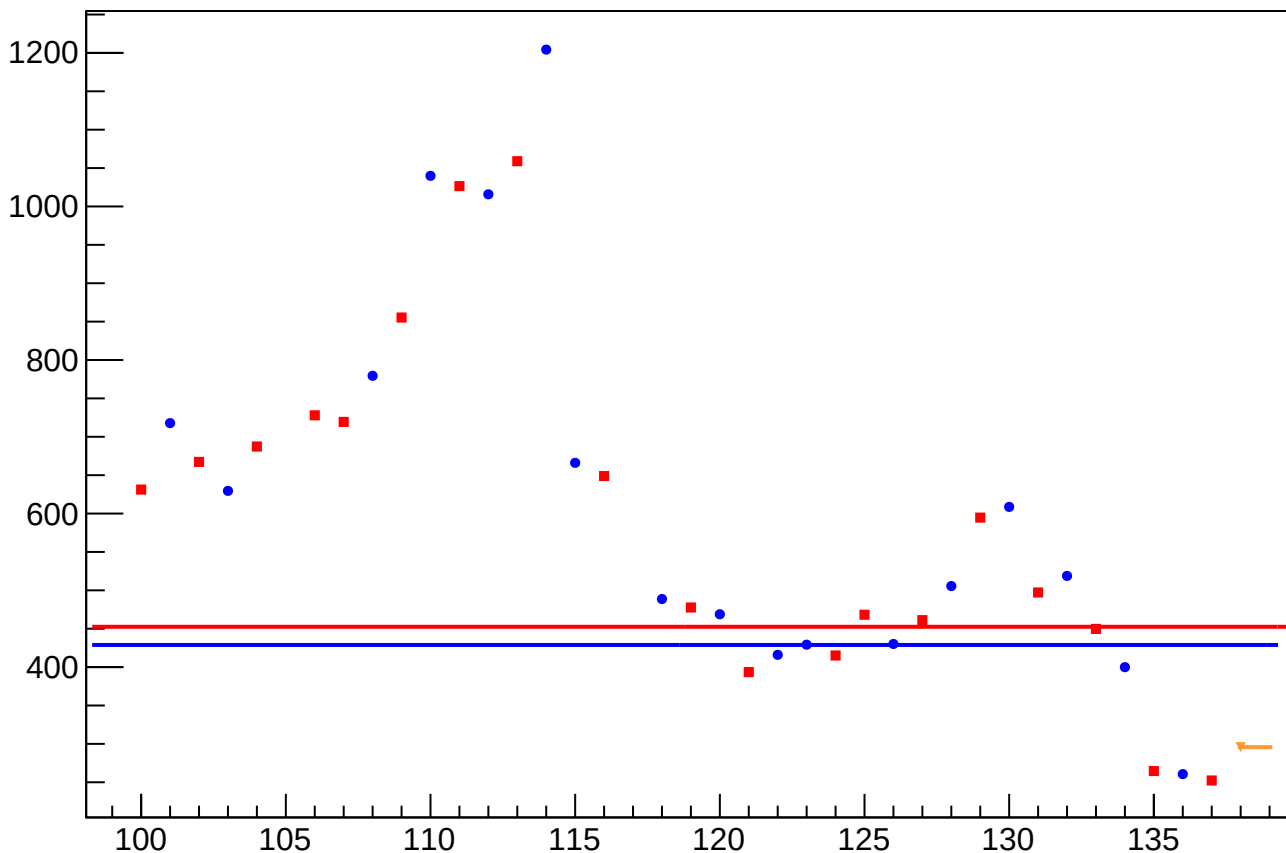
Right: 189.418 $\pm$ 128.389 χ^2 /NDF: 34.6/35

In: 143.486 $\pm$ 179.237 χ^2 /NDF:12.8/16

Out: 73.938 $\pm$ 162.550 χ^2 /NDF:25.3/19

All: 105.325 $\pm$ 120.408 χ^2 /NDF: 38.1/36

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856 $\pm$ 0.127 χ^2 /NDF: 2012329.6/16

Left Out: 295.770 $\pm$ 0.245 χ^2 /NDF:0.0/0

Right Out: 452.517 $\pm$ 0.130 χ^2 /NDF: 2039238.5/18

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

Left: 295.770 $\pm$ 0.245 χ^2 /NDF: 0.0/0

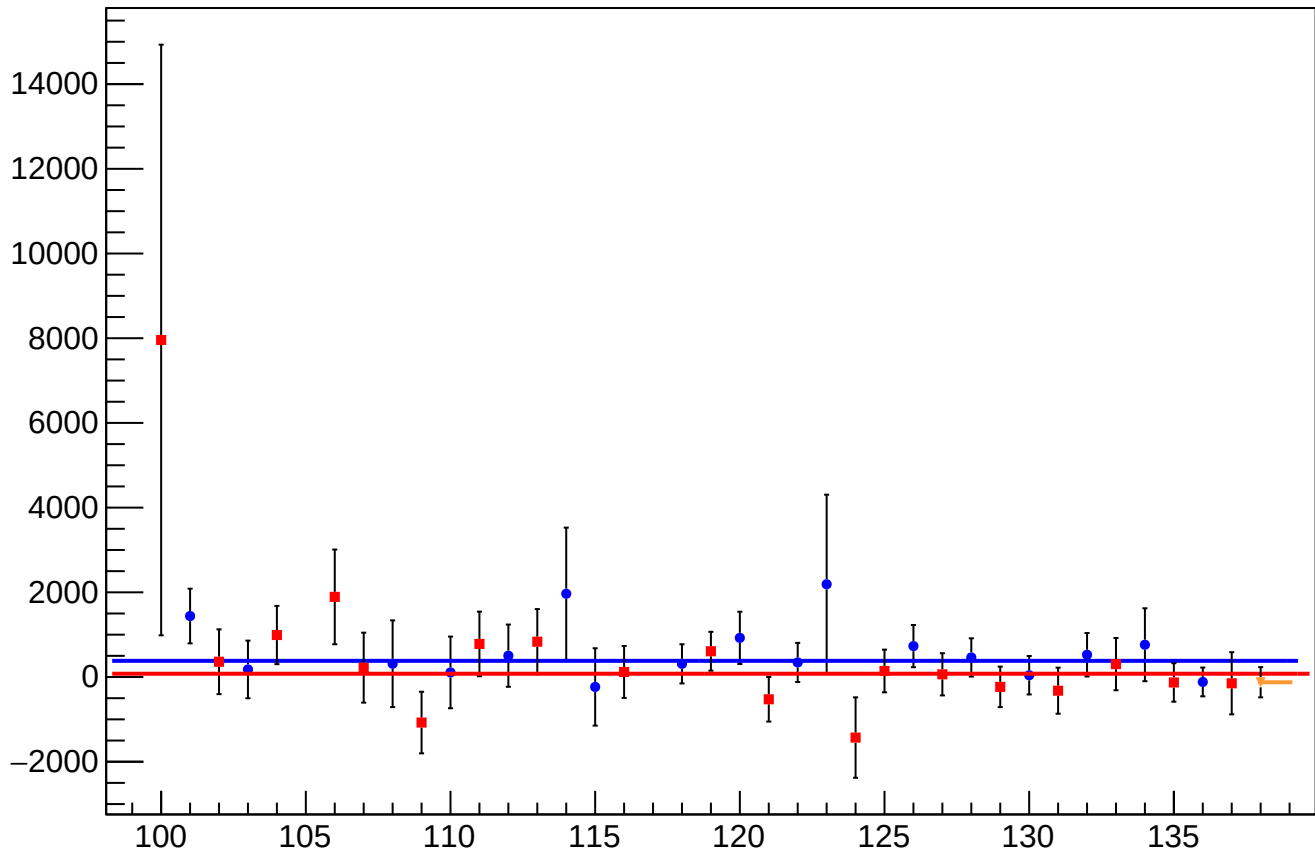
Right: 440.377 $\pm$ 0.091 χ^2 /NDF: 4068538.6/35

In: 428.856 $\pm$ 0.127 χ^2 /NDF:2012329.6/16

Out: 418.108 $\pm$ 0.115 χ^2 /NDF:2357877.4/19

All: 422.958 $\pm$ 0.085 χ^2 /NDF: 4374153.4/36

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF : 9.4/16

Left Out: -123.763+/-356.963 χ^2/NDF : 0.0/0

Right Out: 77.490+/-143.469 χ^2/NDF : 16.8/18

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

Left: -123.763+/-356.963 χ^2/NDF : 0.0/0

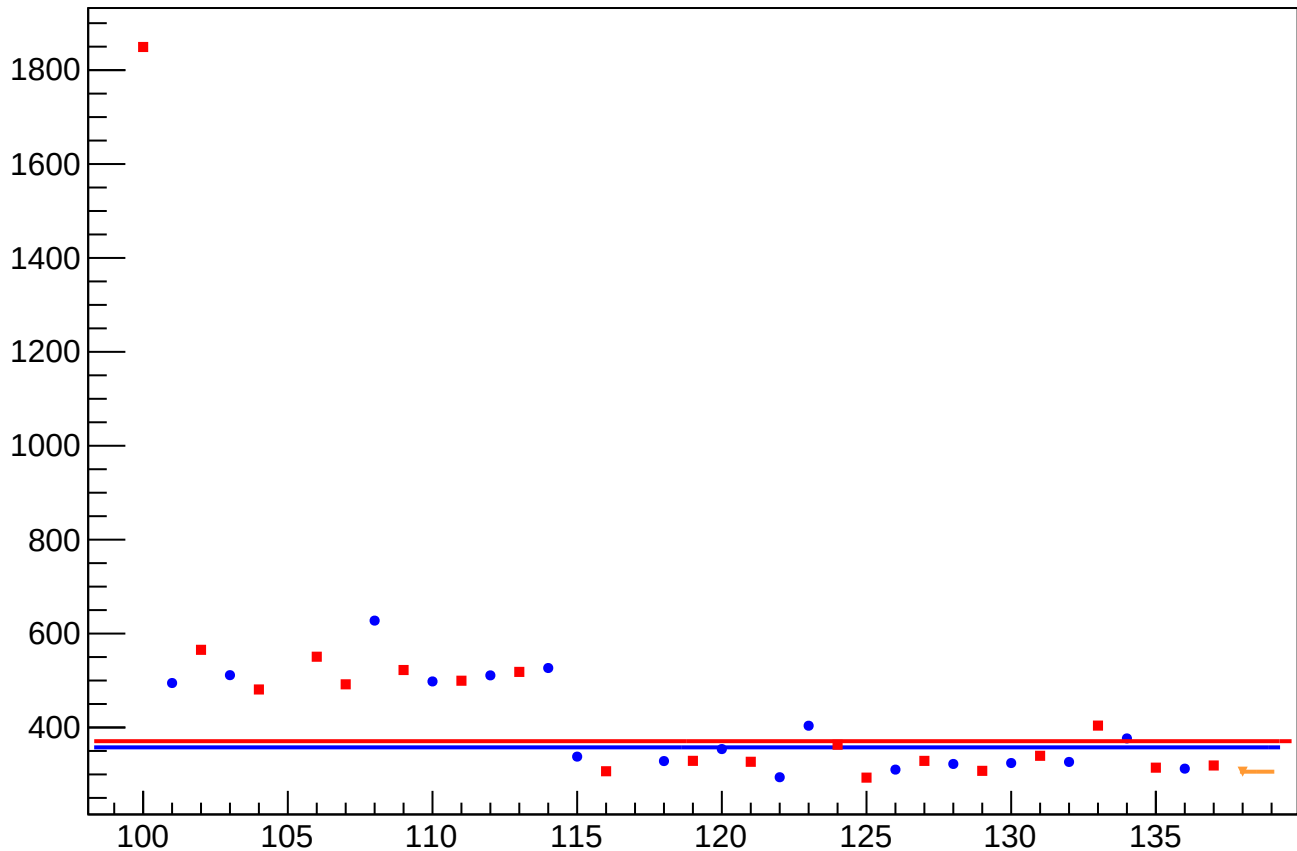
Right: 232.126+/-100.633 χ^2/NDF : 28.5/35

In: 381.893+/-141.192 χ^2/NDF : 9.4/16

Out: 49.502+/-133.119 χ^2/NDF : 17.0/19

All: 205.923+/-96.858 χ^2/NDF : 29.4/36

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 305.850 $\pm$ 0.252 χ^2 /NDF:0.0/0

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

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

Left: 305.850 $\pm$ 0.252 χ^2 /NDF: 0.0/0

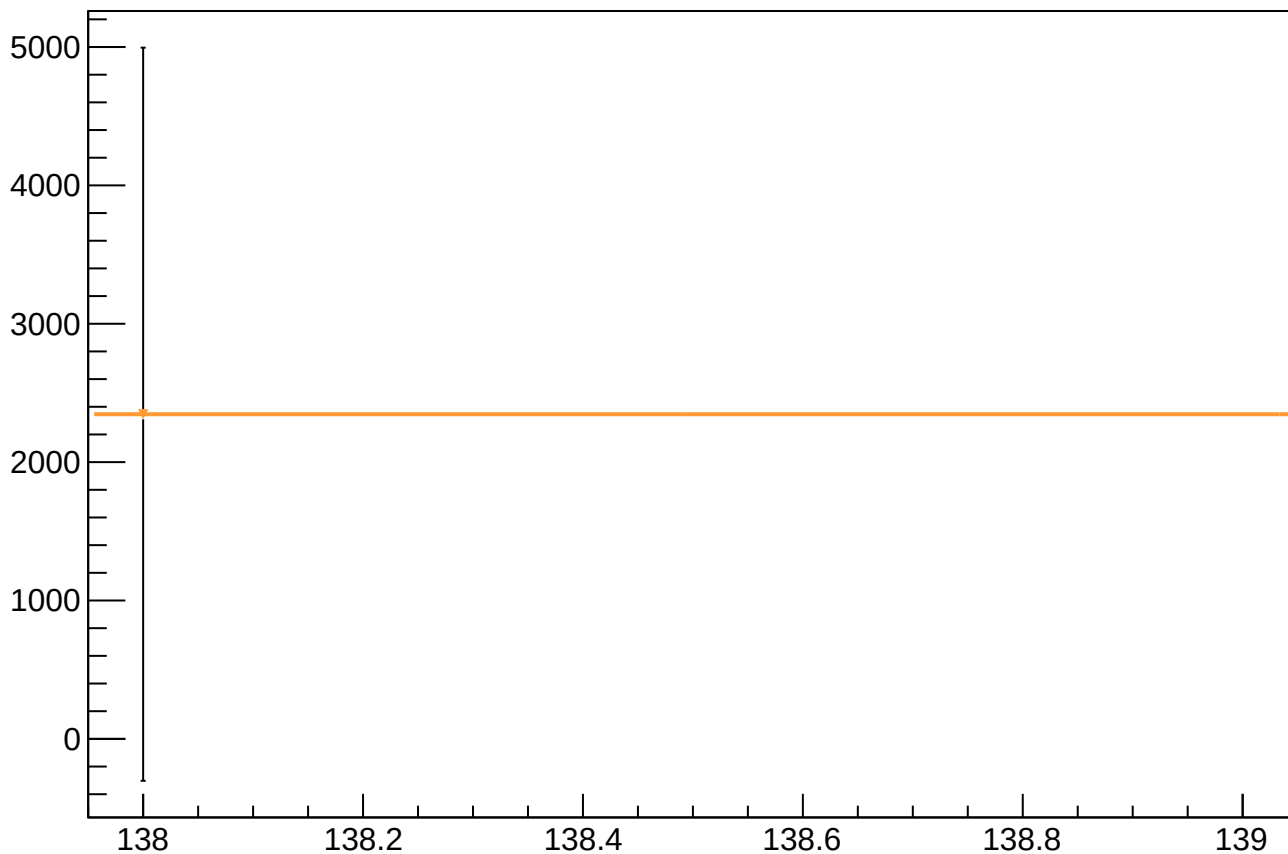
Right: 364.124 $\pm$ 0.071 χ^2 /NDF: 1422966.9/35

In: 357.664 $\pm$ 0.100 χ^2 /NDF:629671.7/16

Out: 361.762 $\pm$ 0.094 χ^2 /NDF:841779.5/19

All: 359.834 $\pm$ 0.068 χ^2 /NDF: 1472343.1/36

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: 2346.140+/-2649.121 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: 2346.140+/-2649.121 χ^2/NDF : 0.0/0

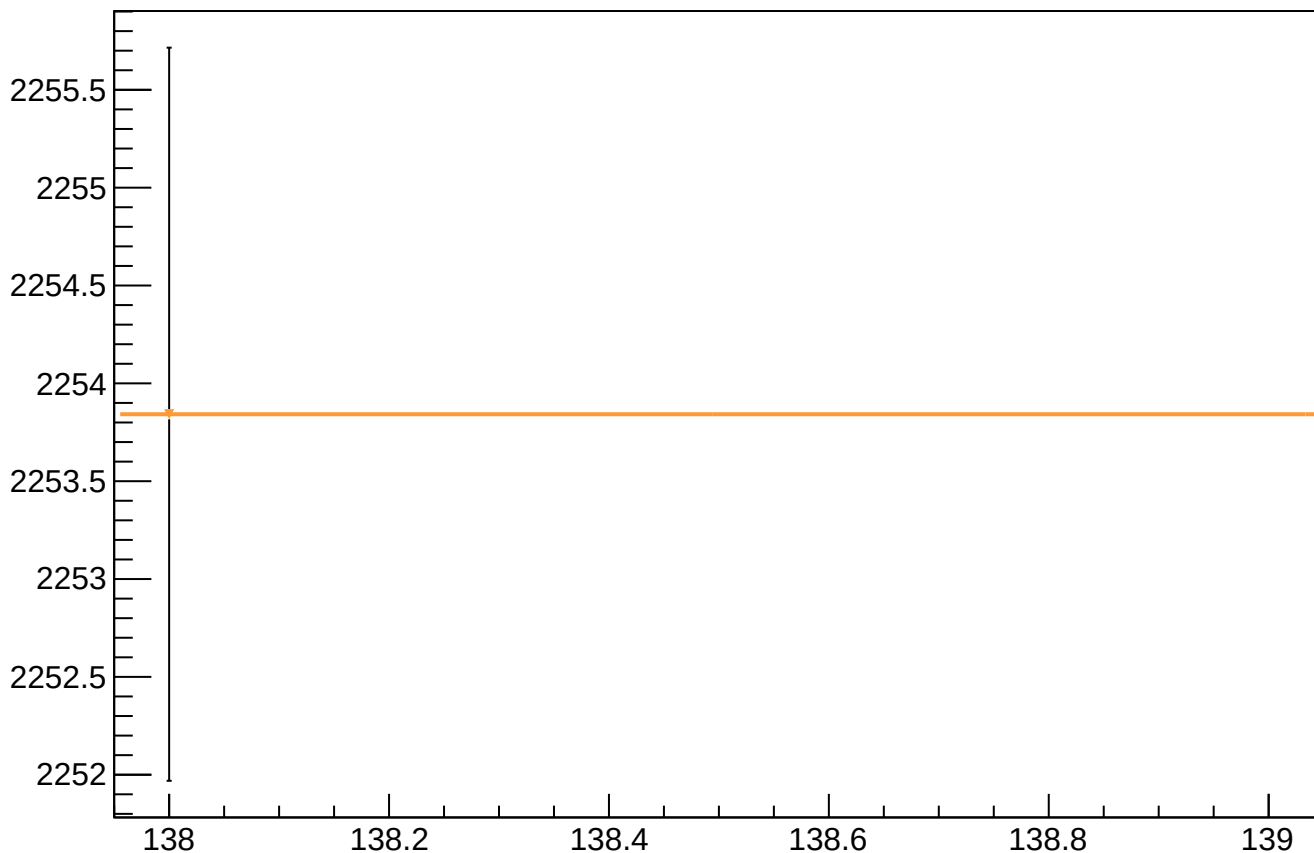
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 2346.140+/-2649.121 χ^2/NDF : 0.0/0

All: 2346.140+/-2649.121 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2253.842+/-1.873 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: 2253.842+/-1.873 χ^2/NDF : 0.0/0

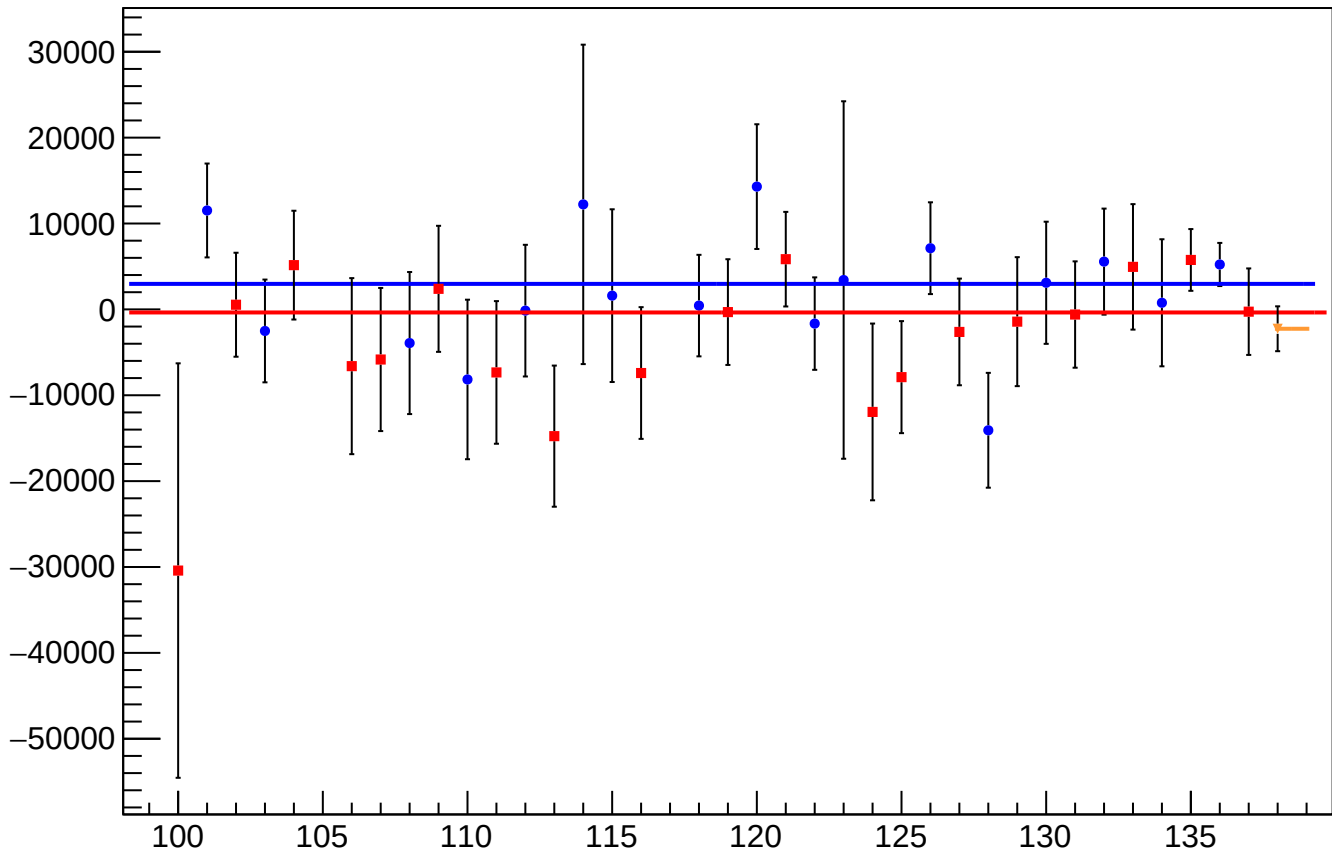
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 2253.842+/-1.873 χ^2/NDF : 0.0/0

All: 2253.842+/-1.873 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Left Out: -2256.836+/-2612.454 χ^2/NDF : 0.0/0

Right Out: -358.685+/-1507.064 χ^2/NDF : 15.3/18

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

Left: -2256.836+/-2612.454 χ^2/NDF : 0.0/0

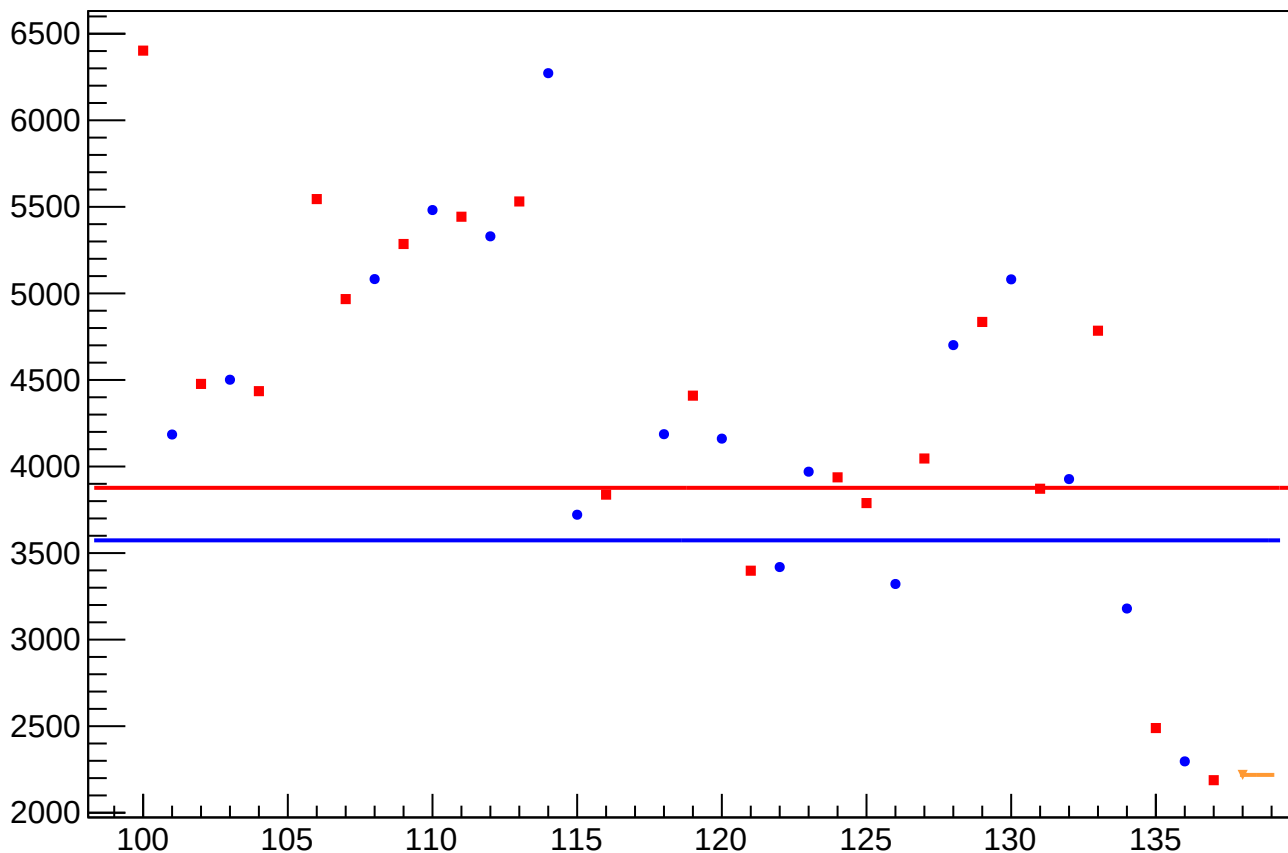
Right: 1380.346+/-1041.320 χ^2/NDF : 35.3/35

In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Out: -832.640+/-1305.424 χ^2/NDF : 15.7/19

All: 881.693+/-967.308 χ^2/NDF : 36.9/36

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF : 1088731.5/16

Left Out: 2218.573+/-1.847 χ^2/NDF : 0.0/0

Right Out: 3876.914+/-1.066 χ^2/NDF : 988409.8/18

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

Left: 2218.573+/-1.847 χ^2/NDF : 0.0/0

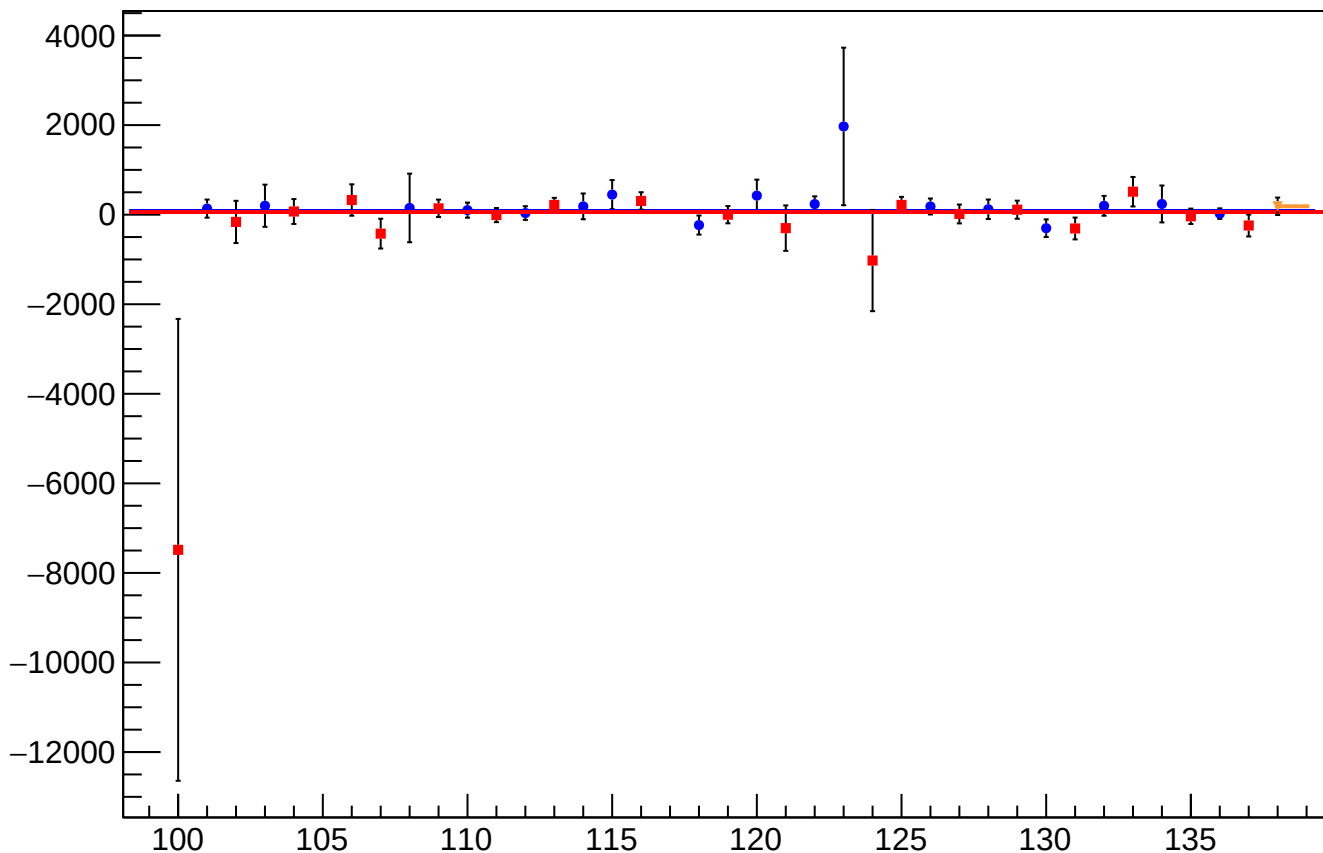
Right: 3718.342+/-0.736 χ^2/NDF : 2119512.7/35

In: 3573.470+/-1.019 χ^2/NDF : 1088731.5/16

Out: 3462.838+/-0.923 χ^2/NDF : 1593081.9/19

All: 3512.726+/-0.684 χ^2/NDF : 2688290.7/36

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 187.258+/-194.191 χ^2/NDF : 0.0/0

Right Out: 59.008+/-53.165 χ^2/NDF : 16.4/18

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

Left: 187.258+/-194.191 χ^2/NDF : 0.0/0

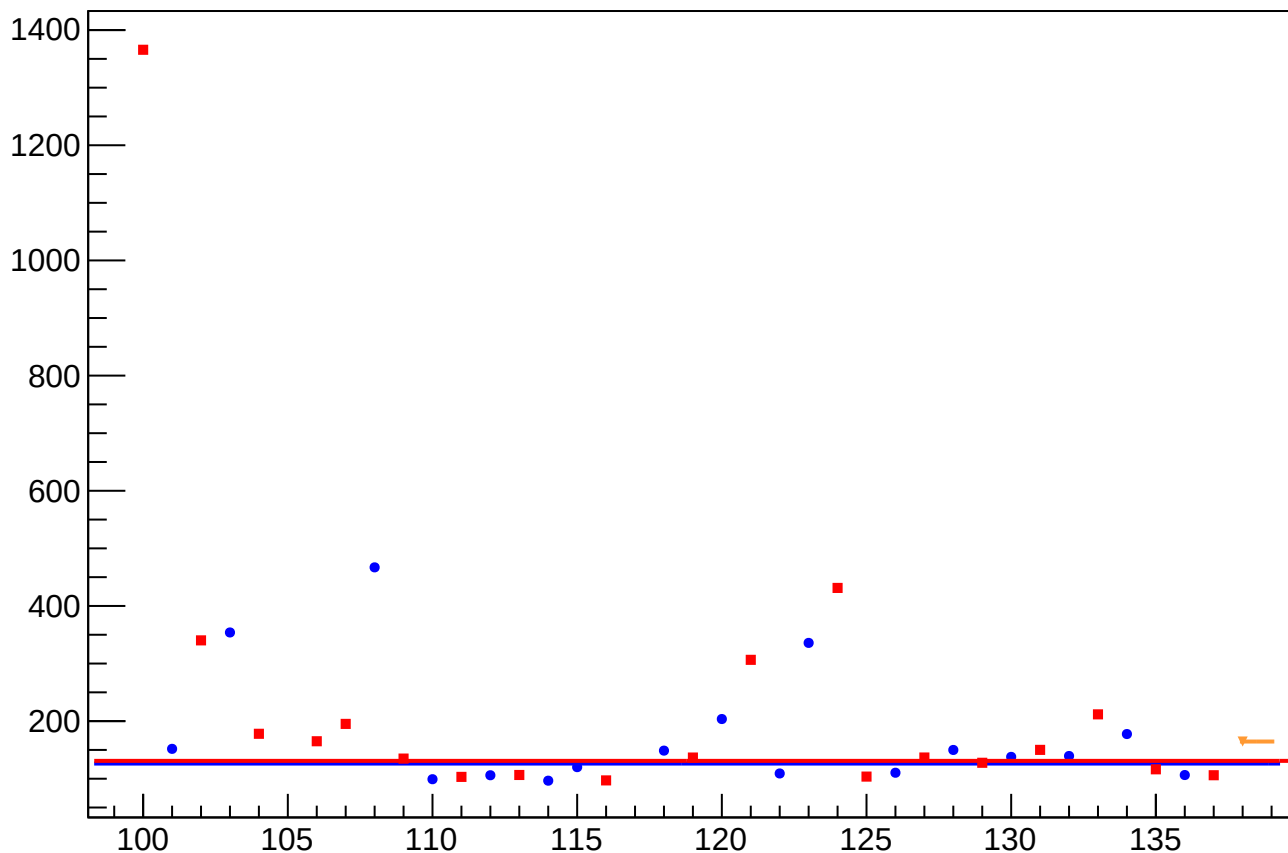
Right: 70.703+/-37.141 χ^2/NDF : 28.1/35

In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Out: 67.951+/-51.278 χ^2/NDF : 16.8/19

All: 74.816+/-36.480 χ^2/NDF : 28.4/36

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF : 1310585.0/16

Left Out: 164.579+/-0.137 χ^2/NDF :0.0/0

Right Out: 131.007+/-0.038 χ^2/NDF : 1429260.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 164.579+/-0.137 χ^2/NDF : 0.0/0

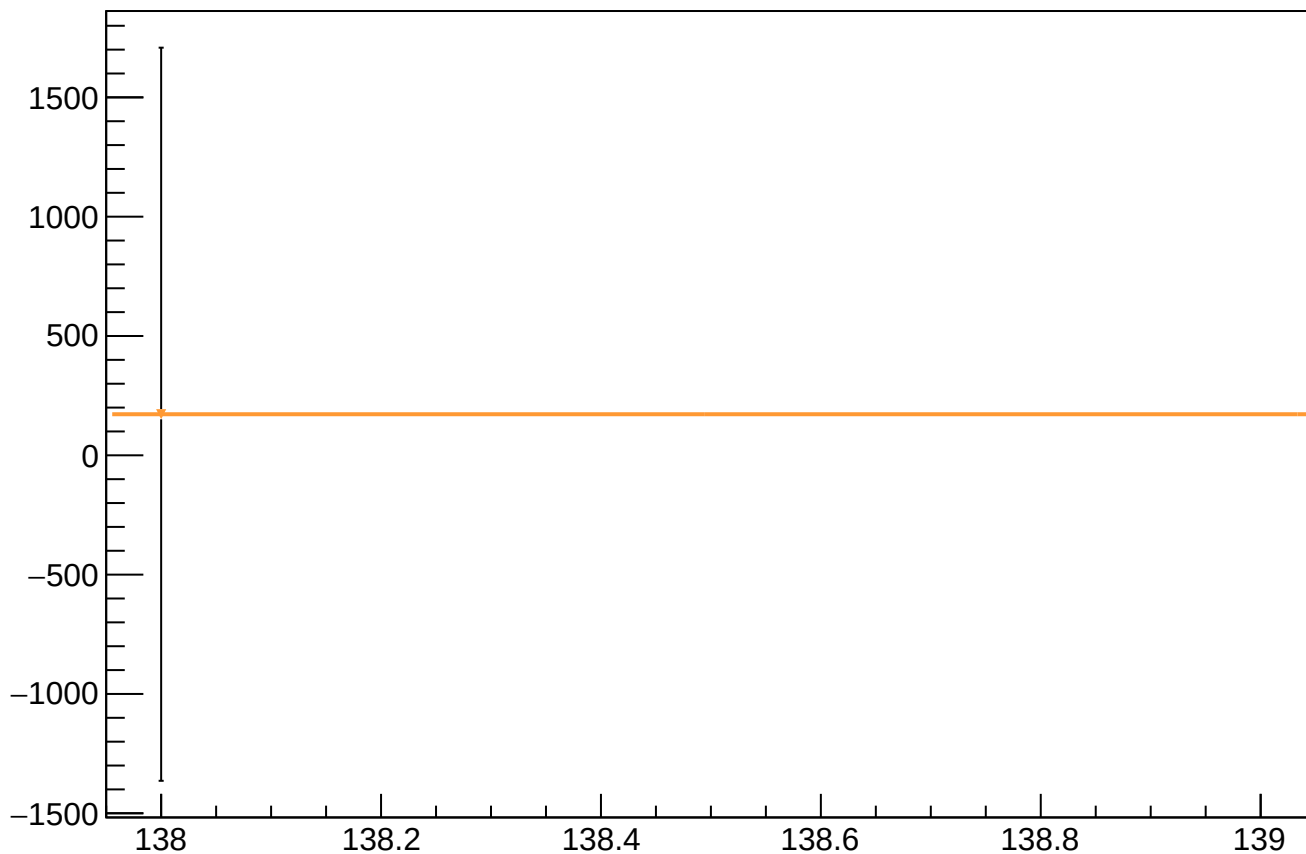
Right: 128.617+/-0.026 χ^2/NDF : 2747739.0/35

In: 126.339+/-0.037 χ^2/NDF :1310585.0/16

Out: 133.348+/-0.036 χ^2/NDF :1484866.8/19

All: 129.886+/-0.026 χ^2/NDF : 2813905.7/36

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: 172.139+/-1536.075 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: 172.139+/-1536.075 χ^2/NDF : 0.0/0

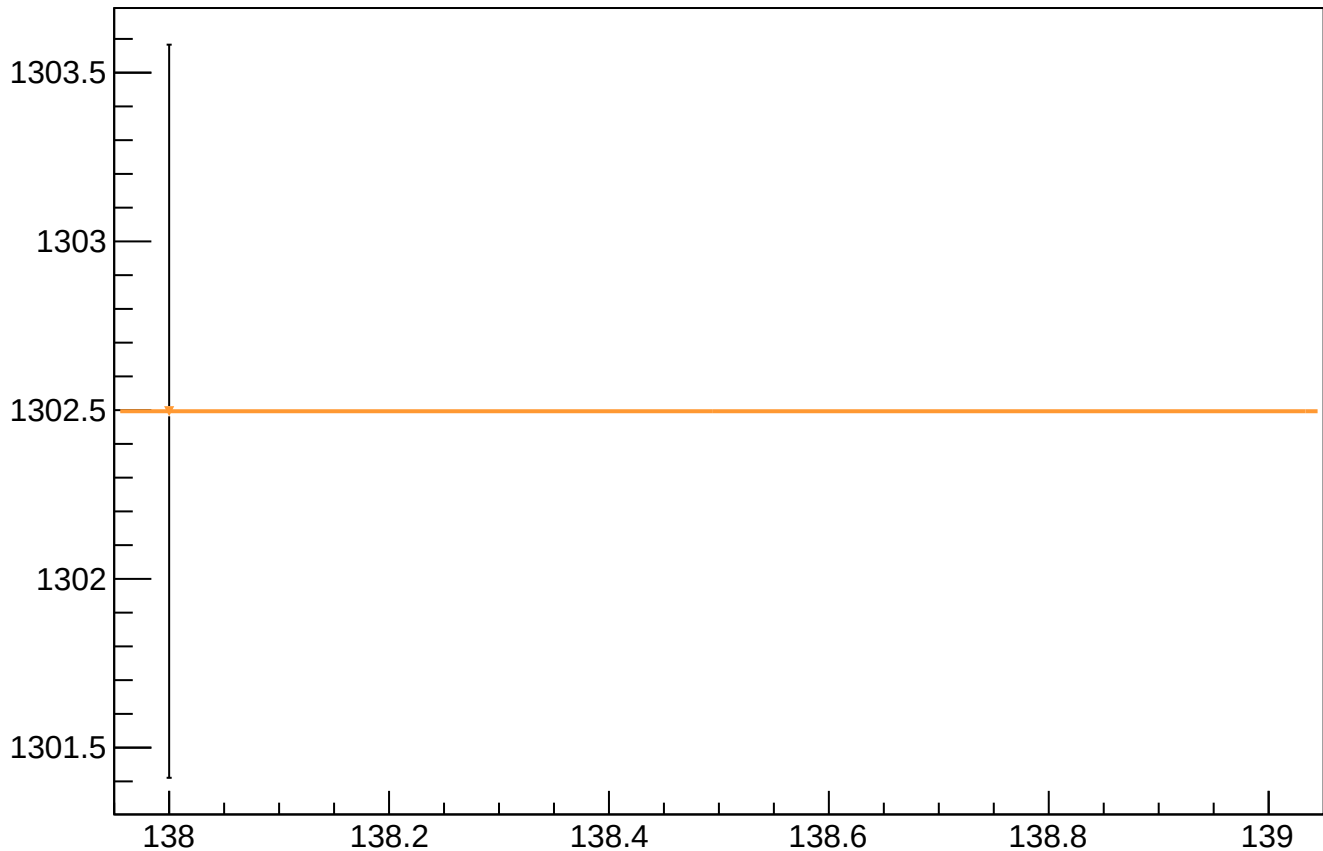
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 172.139+/-1536.075 χ^2/NDF : 0.0/0

All: 172.139+/-1536.075 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 1302.497+/-1.086 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: 1302.497+/-1.086 χ^2/NDF : 0.0/0

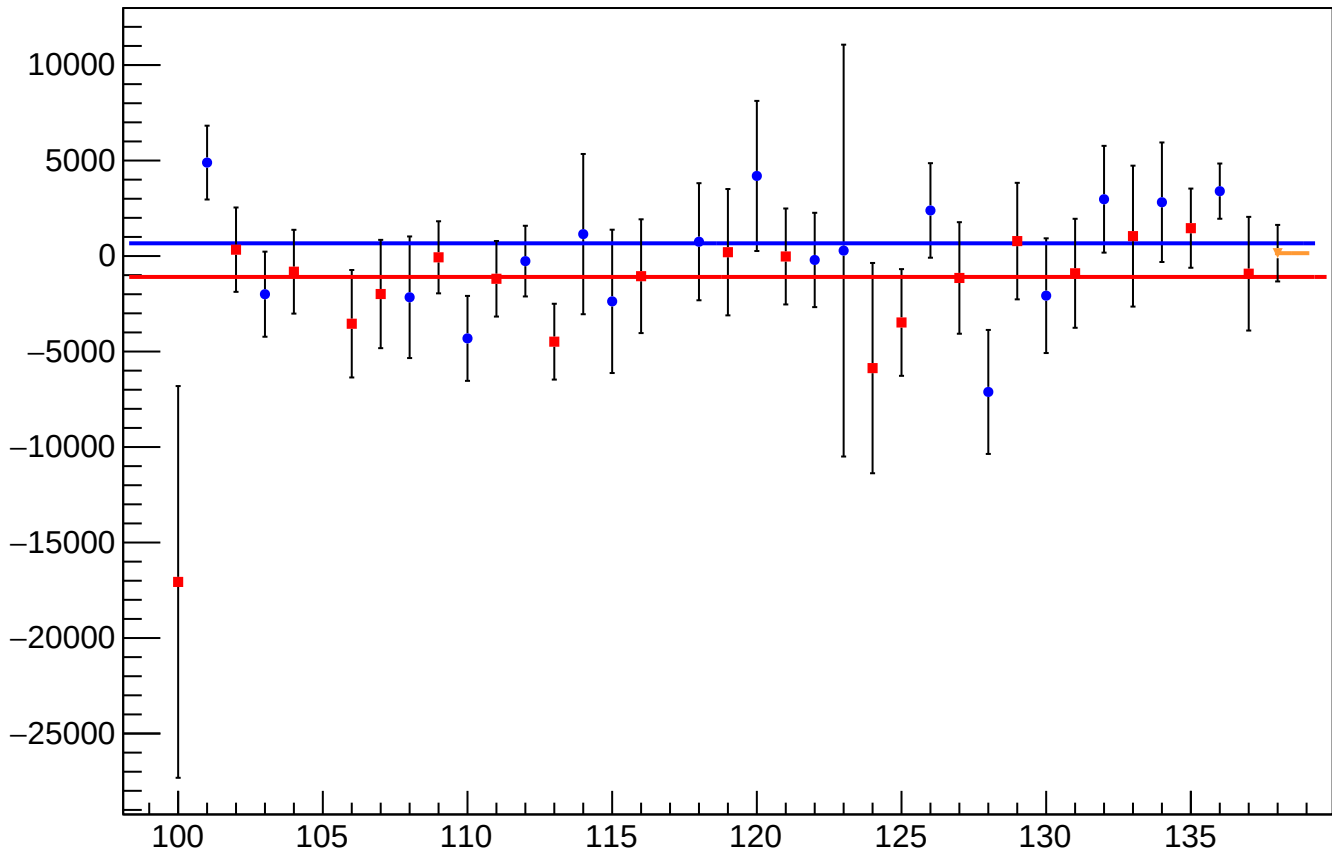
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1302.497+/-1.086 χ^2/NDF : 0.0/0

All: 1302.497+/-1.086 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 149.994+/-1479.925 χ^2/NDF : 0.0/0

Right Out: -1094.278+/-602.639 χ^2/NDF : 11.0/18

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

Left: 149.994+/-1479.925 χ^2/NDF : 0.0/0

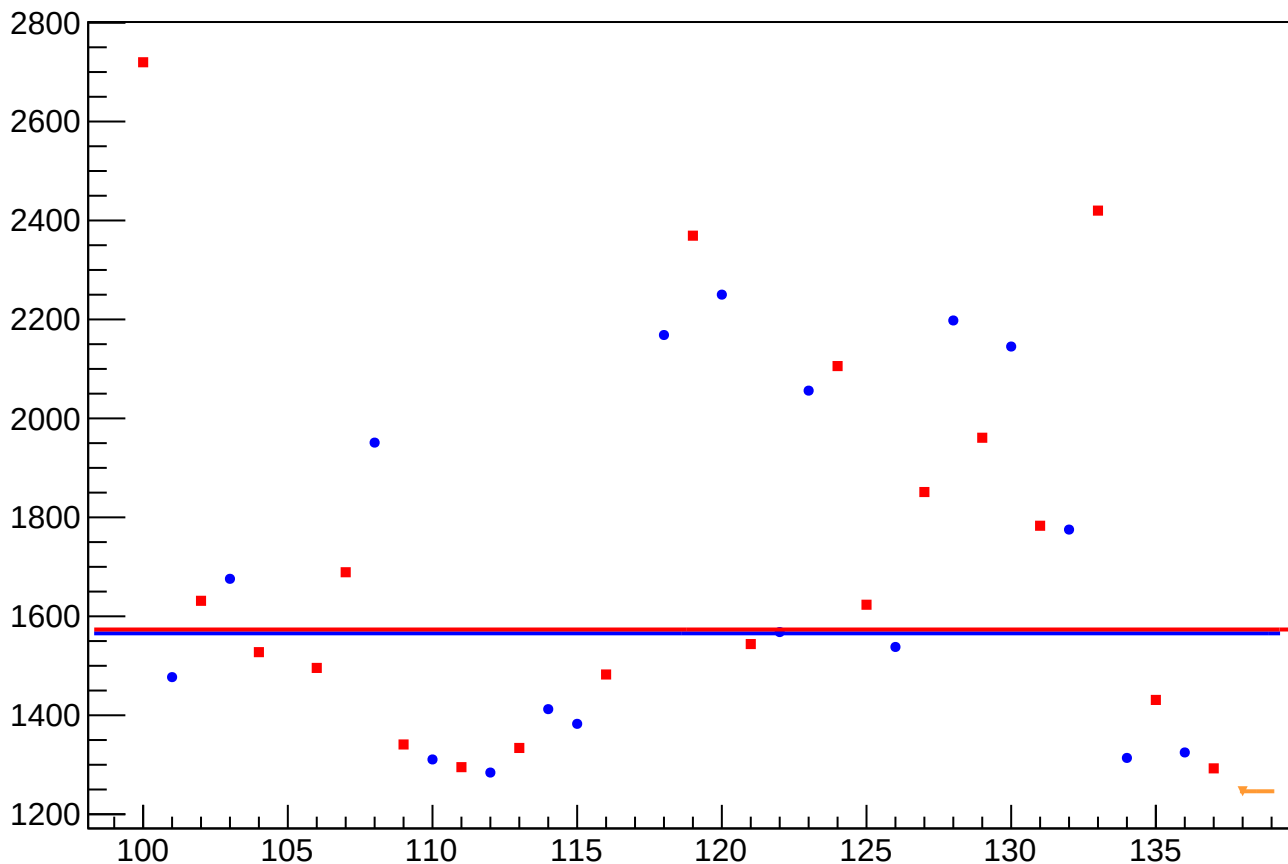
Right: -237.260+/-431.744 χ^2/NDF : 40.8/35

In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Out: -917.300+/-558.138 χ^2/NDF : 11.6/19

All: -206.887+/-414.467 χ^2/NDF : 40.9/36

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF : 490790.2/16

Left Out: 1246.406+/-1.046 χ^2/NDF : 0.0/0

Right Out: 1573.366+/-0.426 χ^2/NDF : 462040.3/18

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

Left: 1246.406+/-1.046 χ^2/NDF : 0.0/0

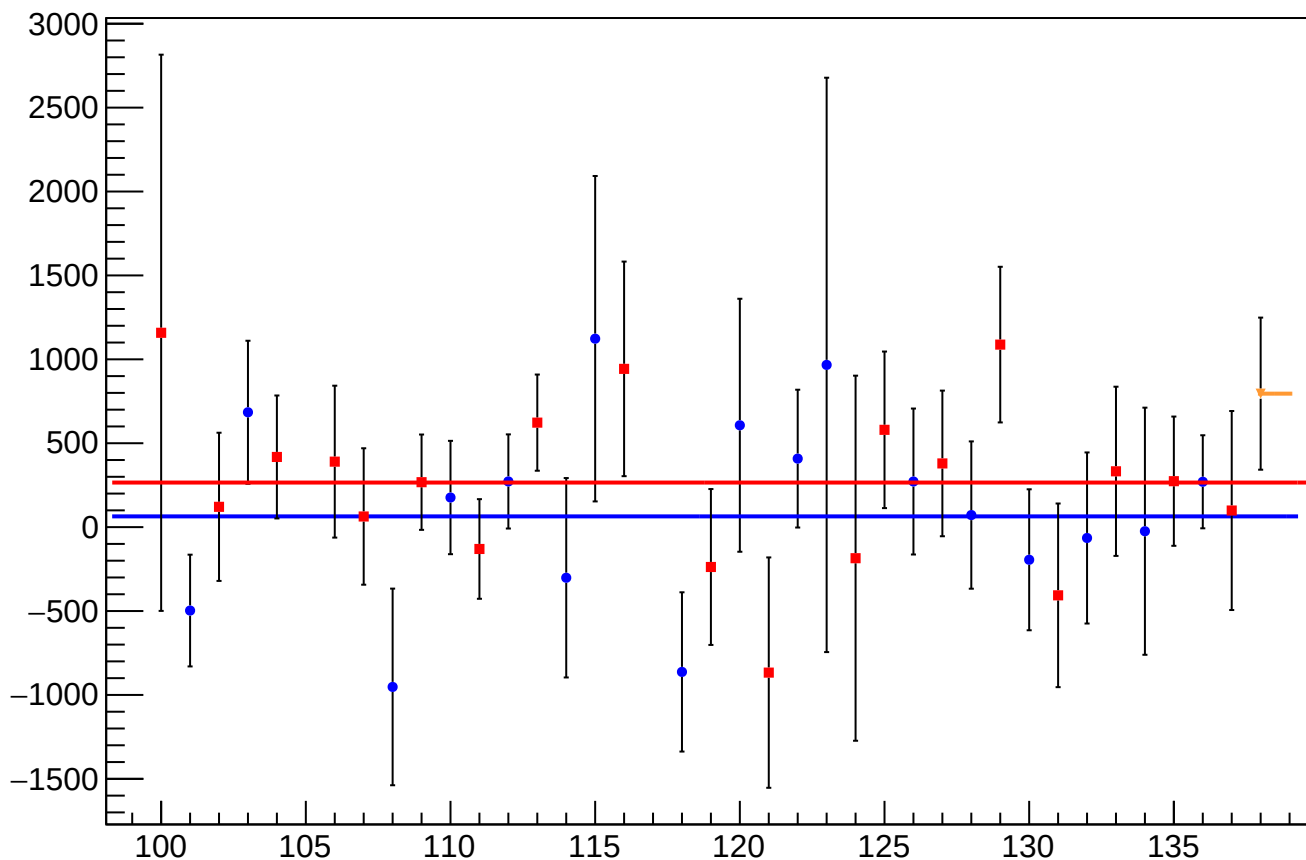
Right: 1569.597+/-0.305 χ^2/NDF : 952991.2/35

In: 1565.623+/-0.438 χ^2/NDF : 490790.2/16

Out: 1526.861+/-0.395 χ^2/NDF : 545775.5/19

All: 1544.248+/-0.293 χ^2/NDF : 1040892.8/36

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF : 16.8/16

Left Out: 795.441+/-453.196 χ^2/NDF : 0.0/0

Right Out: 265.661+/-99.379 χ^2/NDF : 14.7/18

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

Left: 795.441+/-453.196 χ^2/NDF : 0.0/0

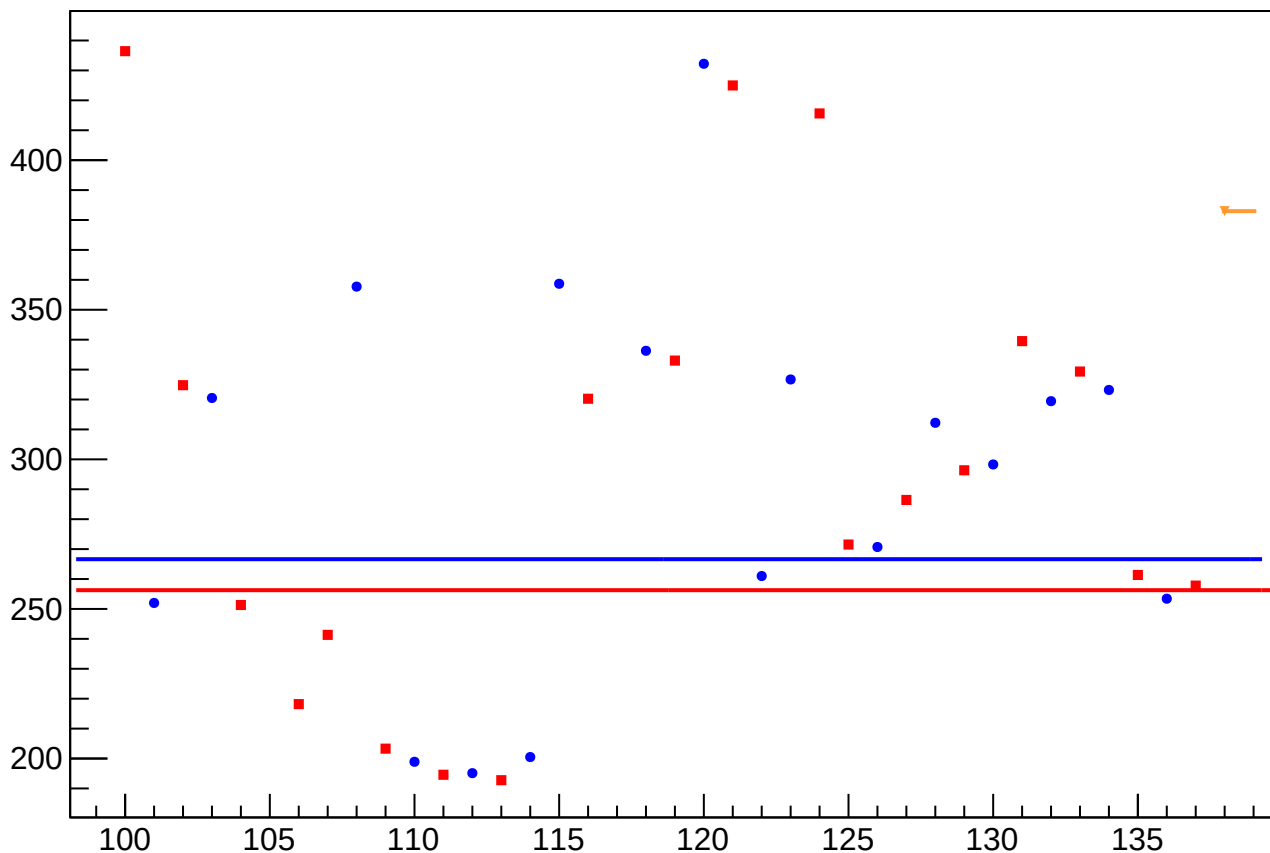
Right: 170.735+/-72.286 χ^2/NDF : 33.4/35

In: 64.087+/-105.336 χ^2/NDF : 16.8/16

Out: 289.968+/-97.073 χ^2/NDF : 16.0/19

All: 186.234+/-71.384 χ^2/NDF : 35.2/36

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 ± 0.074 χ^2/NDF : 550752.5/16

Left Out: 382.953 ± 0.320 χ^2/NDF : 0.0/0

Right Out: 256.268 ± 0.070 χ^2/NDF : 696896.2/18

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

Left: 382.953 ± 0.320 χ^2/NDF : 0.0/0

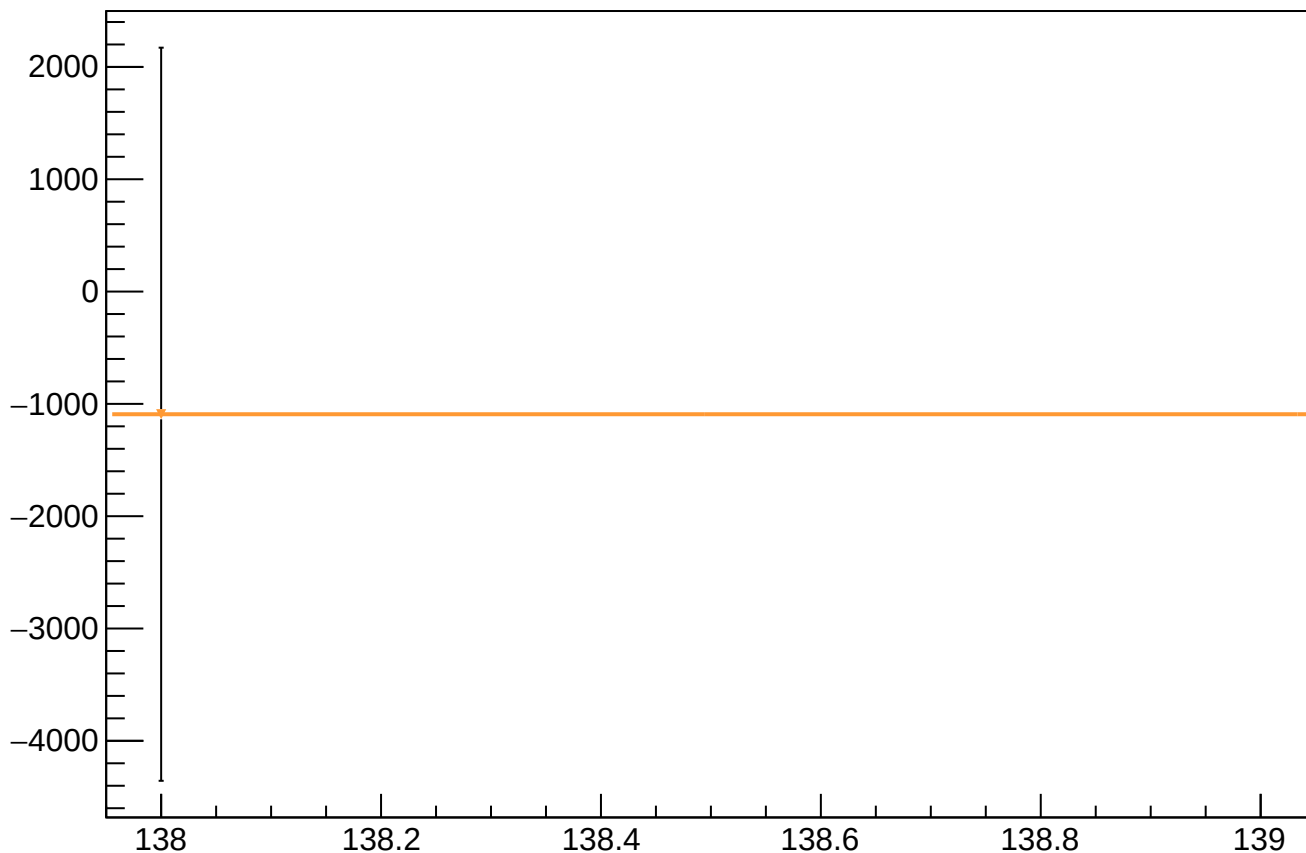
Right: 261.145 ± 0.051 χ^2/NDF : 1257876.6/35

In: 266.624 ± 0.074 χ^2/NDF : 550752.5/16

Out: 262.081 ± 0.069 χ^2/NDF : 846007.0/19

All: 264.167 ± 0.050 χ^2/NDF : 1398771.9/36

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -1092.185+/-3263.723 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: -1092.185+/-3263.723 χ^2/NDF : 0.0/0

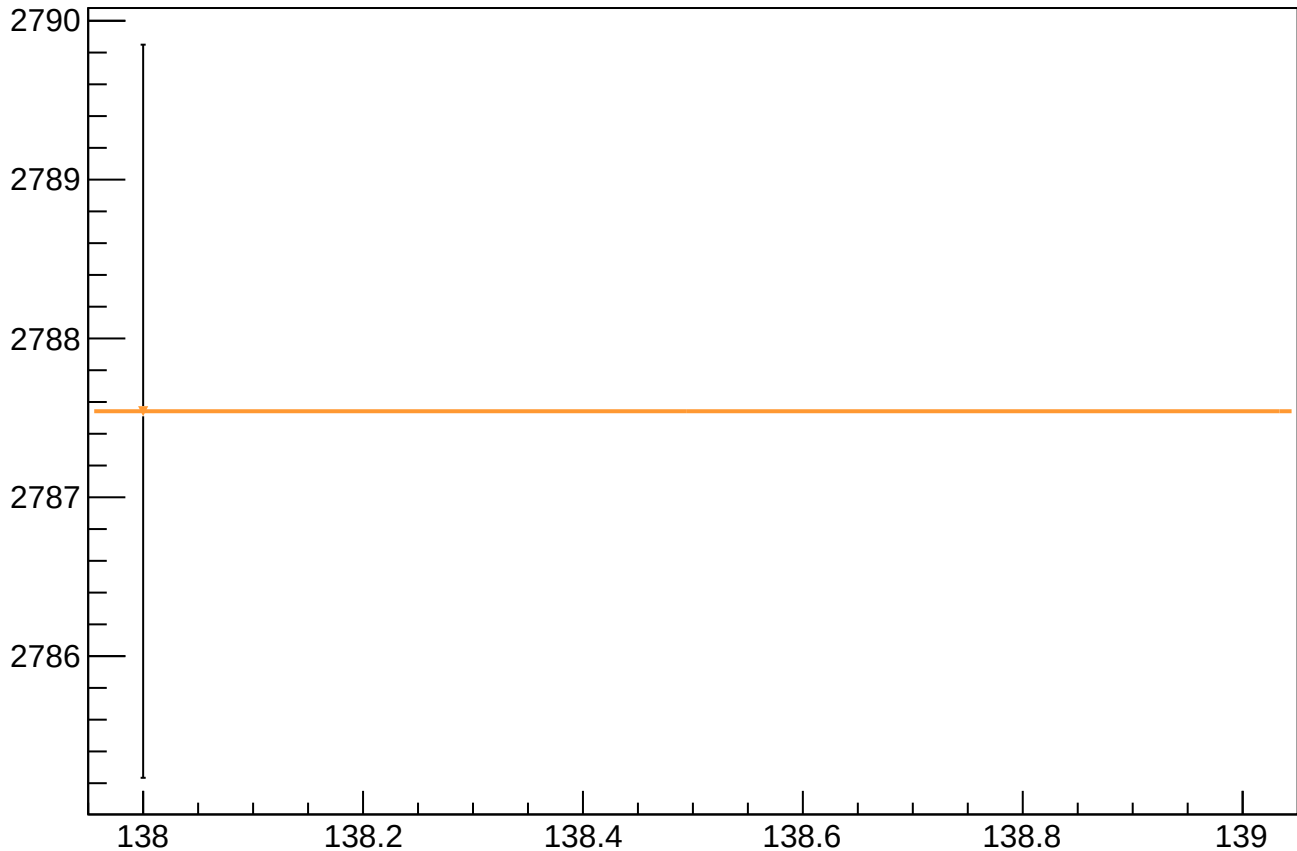
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -1092.185+/-3263.723 χ^2/NDF : 0.0/0

All: -1092.185+/-3263.723 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2787.542+/-2.308 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: 2787.542+/-2.308 χ^2/NDF : 0.0/0

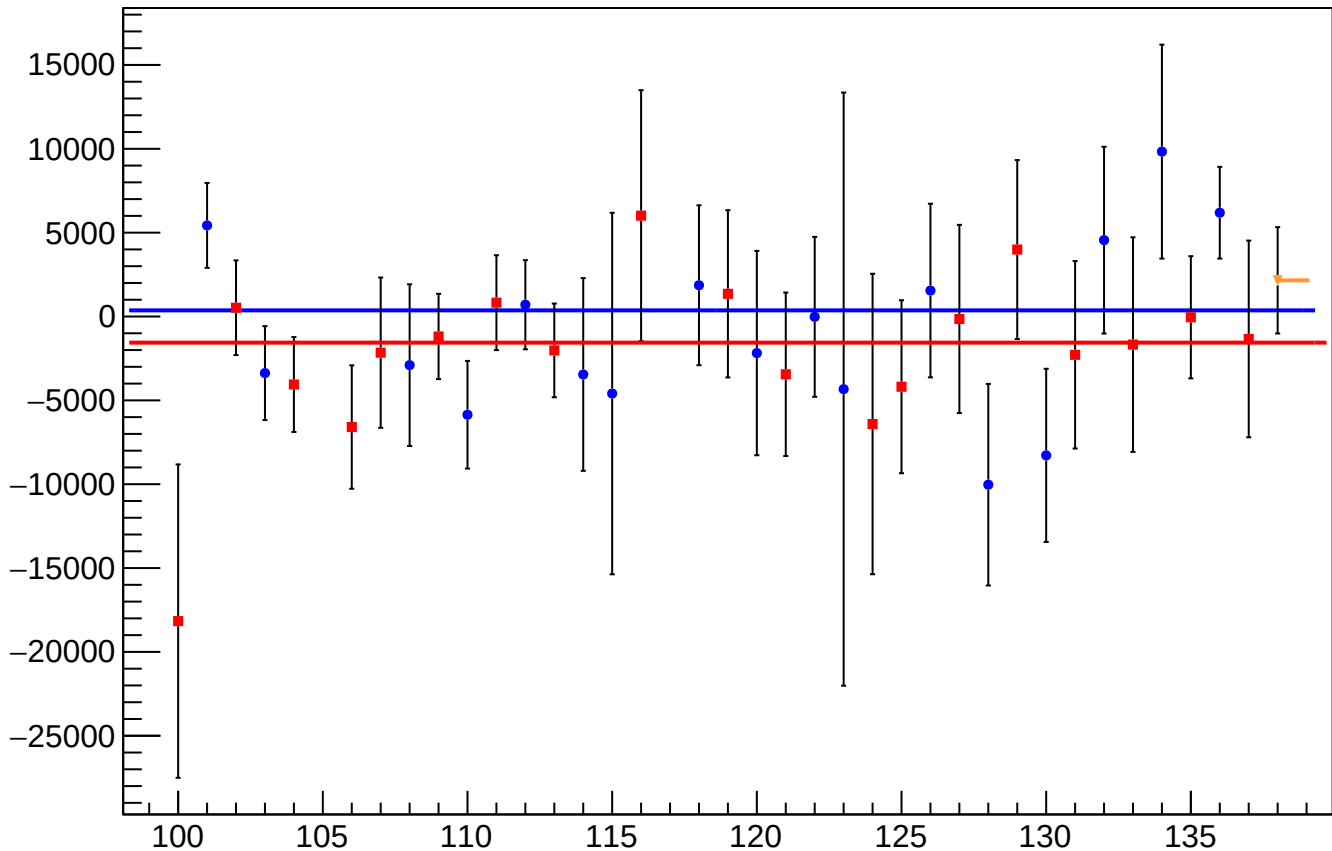
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 2787.542+/-2.308 χ^2/NDF : 0.0/0

All: 2787.542+/-2.308 χ^2/NDF : 0.0/0

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF : 24.2/16

Left Out: 2158.430+/-3170.303 χ^2/NDF : 0.0/0

Right Out: -1557.388+/-924.003 χ^2/NDF : 10.5/18

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

Left: 2158.430+/-3170.303 χ^2/NDF : 0.0/0

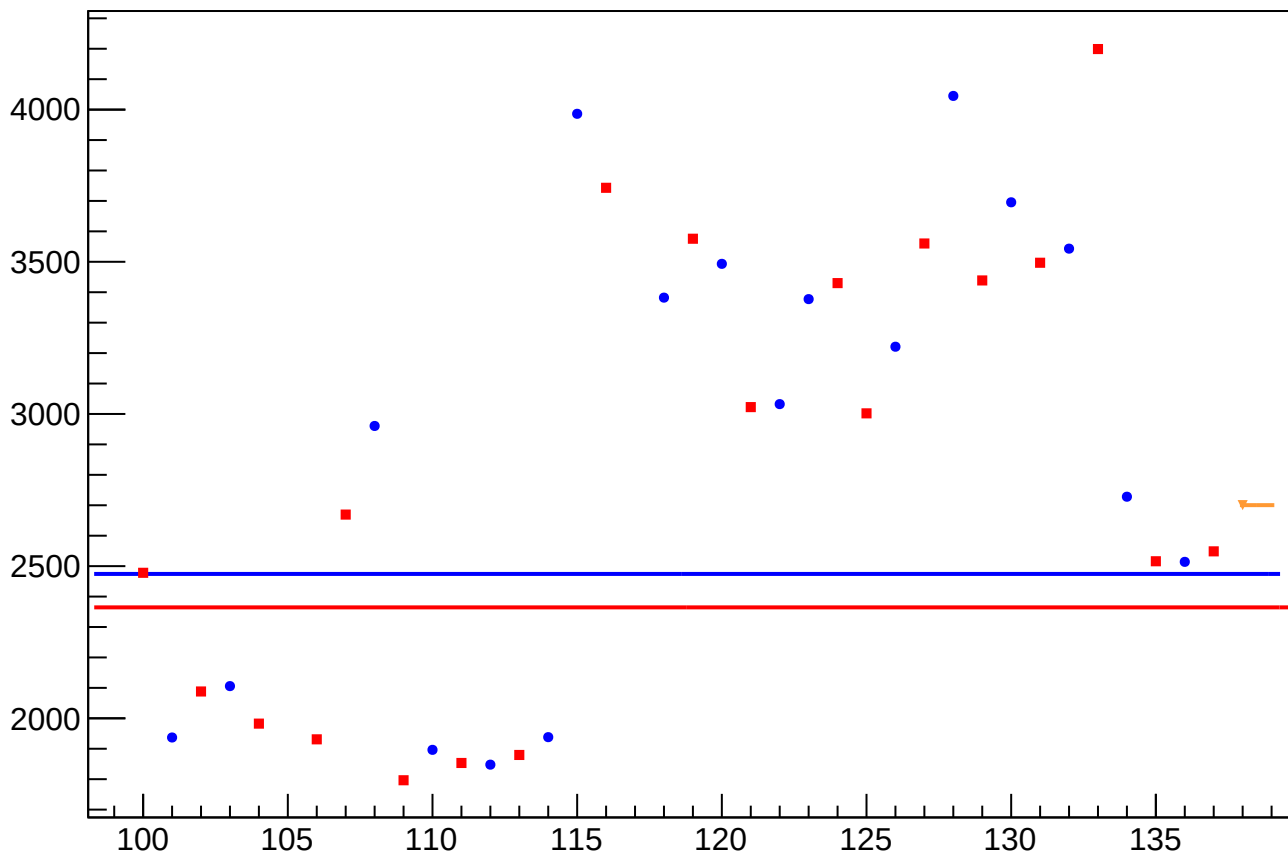
Right: -664.120+/-676.282 χ^2/NDF : 36.7/35

In: 366.454+/-992.480 χ^2/NDF : 24.2/16

Out: -1266.456+/-887.093 χ^2/NDF : 11.8/19

All: -541.271+/-661.401 χ^2/NDF : 37.5/36

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 2700.423 $\pm$ 2.242 χ^2 /NDF:0.0/0

Right Out: 2364.507 $\pm$ 0.653 χ^2 /NDF: 1023402.8/18

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

Left: 2700.423 $\pm$ 2.242 χ^2 /NDF: 0.0/0

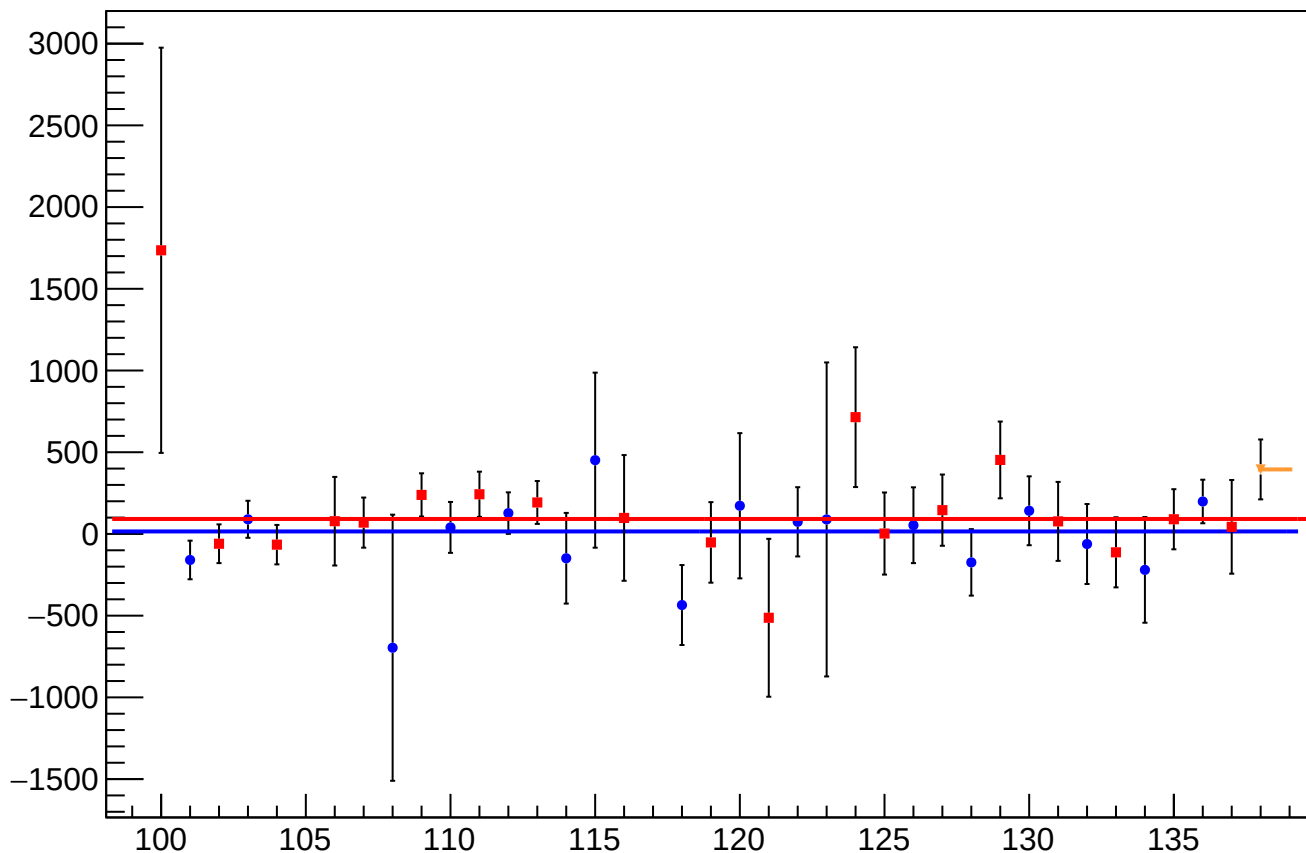
Right: 2415.527 $\pm$ 0.478 χ^2 /NDF: 1942797.3/35

In: 2474.389 $\pm$ 0.702 χ^2 /NDF:906262.1/16

Out: 2390.808 $\pm$ 0.627 χ^2 /NDF:1044098.5/19

All: 2427.927 $\pm$ 0.468 χ^2 /NDF: 1958245.4/36

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 394.805+/-183.266 χ^2/NDF : 0.0/0

Right Out: 91.634+/-43.318 χ^2/NDF : 15.7/18

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

Left: 394.805+/-183.266 χ^2/NDF : 0.0/0

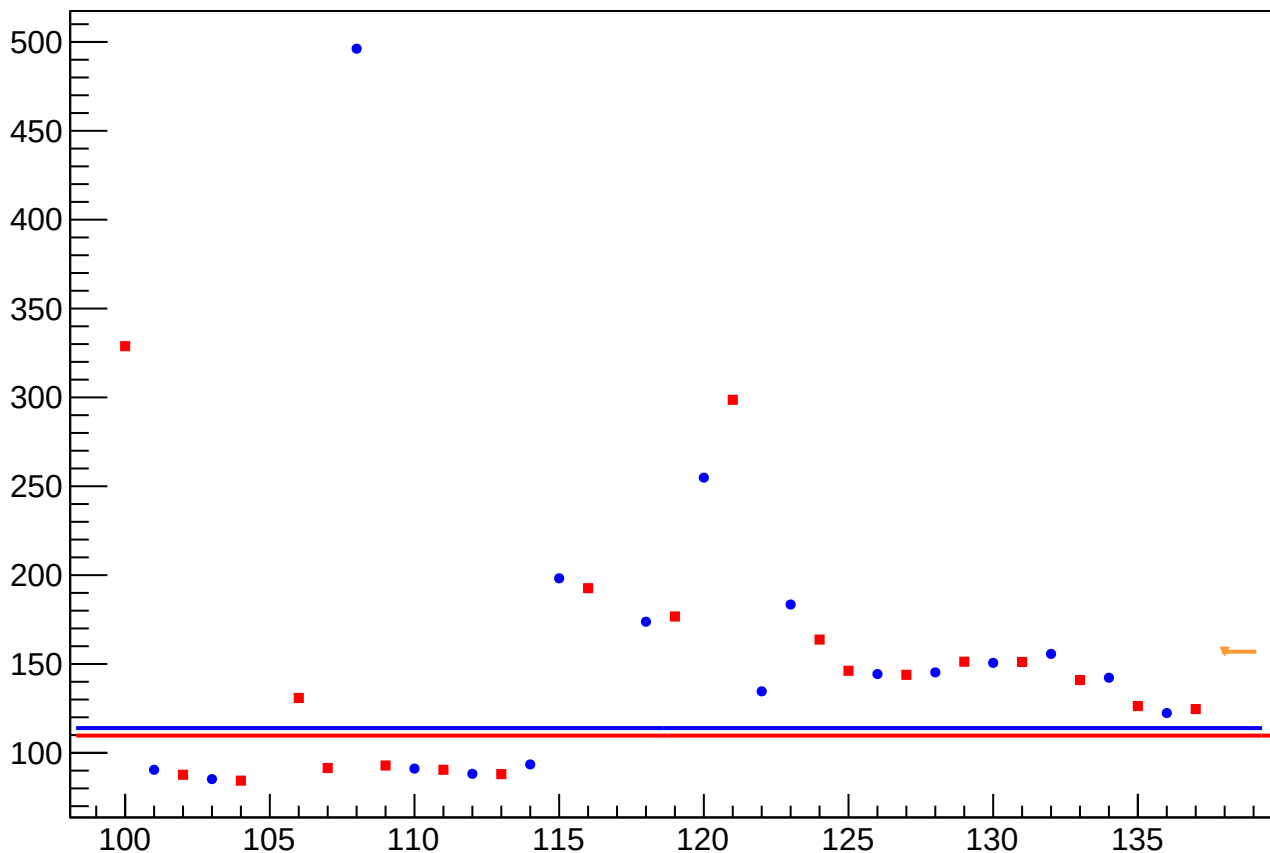
Right: 56.123+/-31.678 χ^2/NDF : 29.7/35

In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Out: 107.676+/-42.157 χ^2/NDF : 18.2/19

All: 65.948+/-31.215 χ^2/NDF : 33.0/36

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF : 1407849.3/16

Left Out: 156.917+/-0.130 χ^2/NDF : 0.0/0

Right Out: 109.709+/-0.031 χ^2/NDF : 1242014.6/18

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

Left: 156.917+/-0.130 χ^2/NDF : 0.0/0

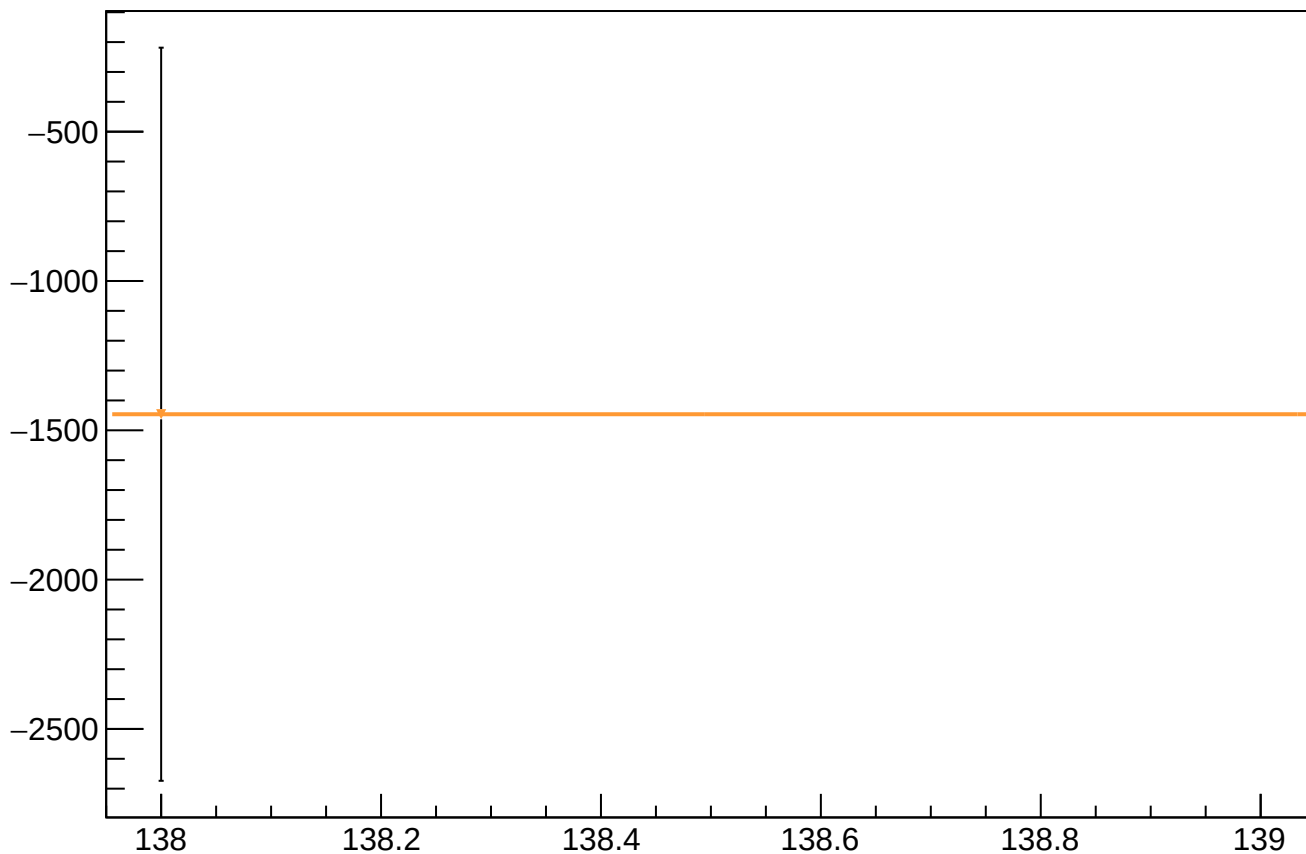
Right: 111.674+/-0.022 χ^2/NDF : 2658703.6/35

In: 113.932+/-0.033 χ^2/NDF : 1407849.3/16

Out: 112.207+/-0.030 χ^2/NDF : 1367698.2/19

All: 112.986+/-0.022 χ^2/NDF : 2777059.0/36

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -1446.171+/-1227.491 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: -1446.171+/-1227.491 χ^2/NDF : 0.0/0

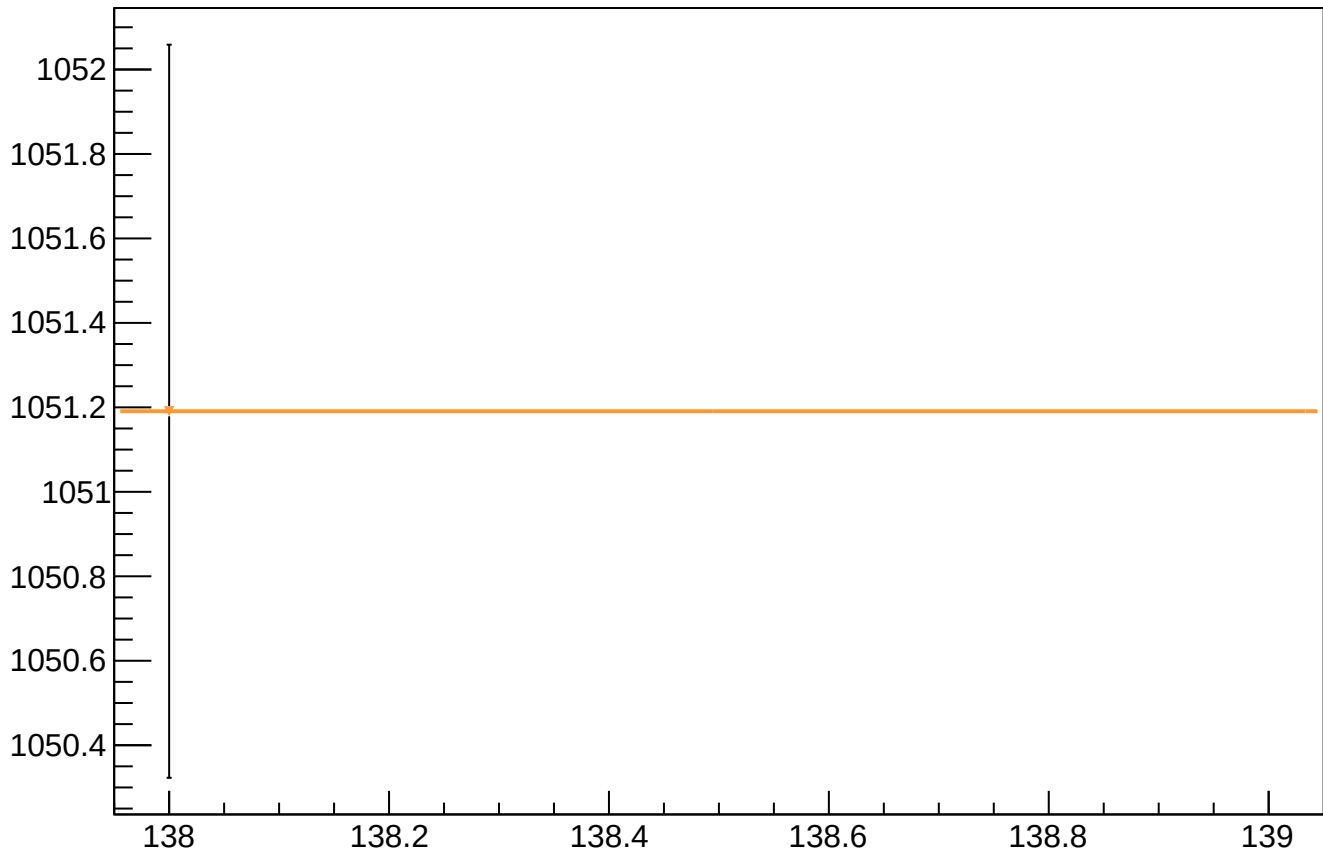
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -1446.171+/-1227.491 χ^2/NDF : 0.0/0

All: -1446.171+/-1227.491 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 1051.191+/-0.868 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: 1051.191+/-0.868 χ^2/NDF : 0.0/0

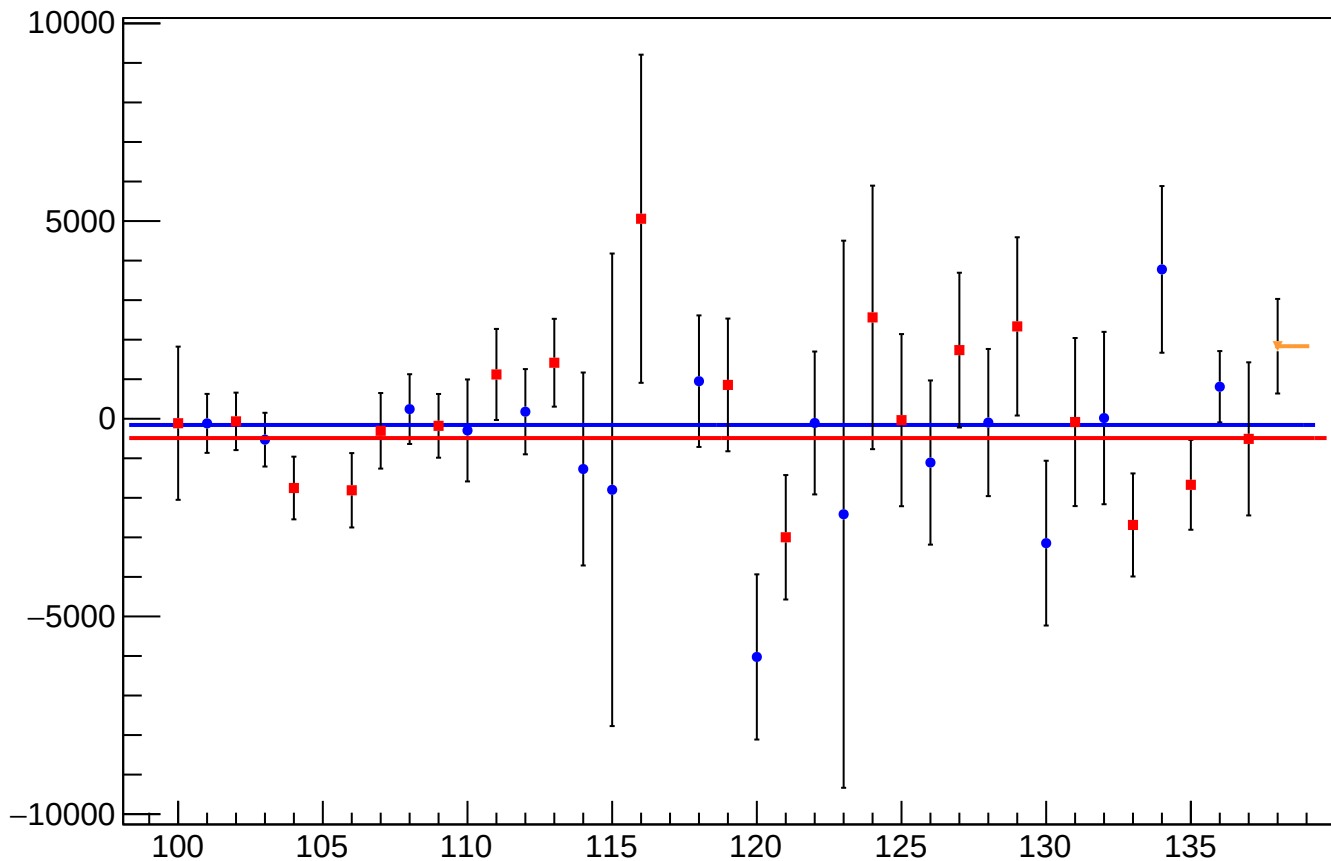
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1051.191+/-0.868 χ^2/NDF : 0.0/0

All: 1051.191+/-0.868 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178 ± 312.499 $\chi^2/\text{NDF}: 16.2/16$

Left Out: 1834.626 ± 1196.127 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -488.583 ± 282.758 $\chi^2/\text{NDF}: 22.6/18$

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

Left: 1834.626 ± 1196.127 $\chi^2/\text{NDF}: 0.0/0$

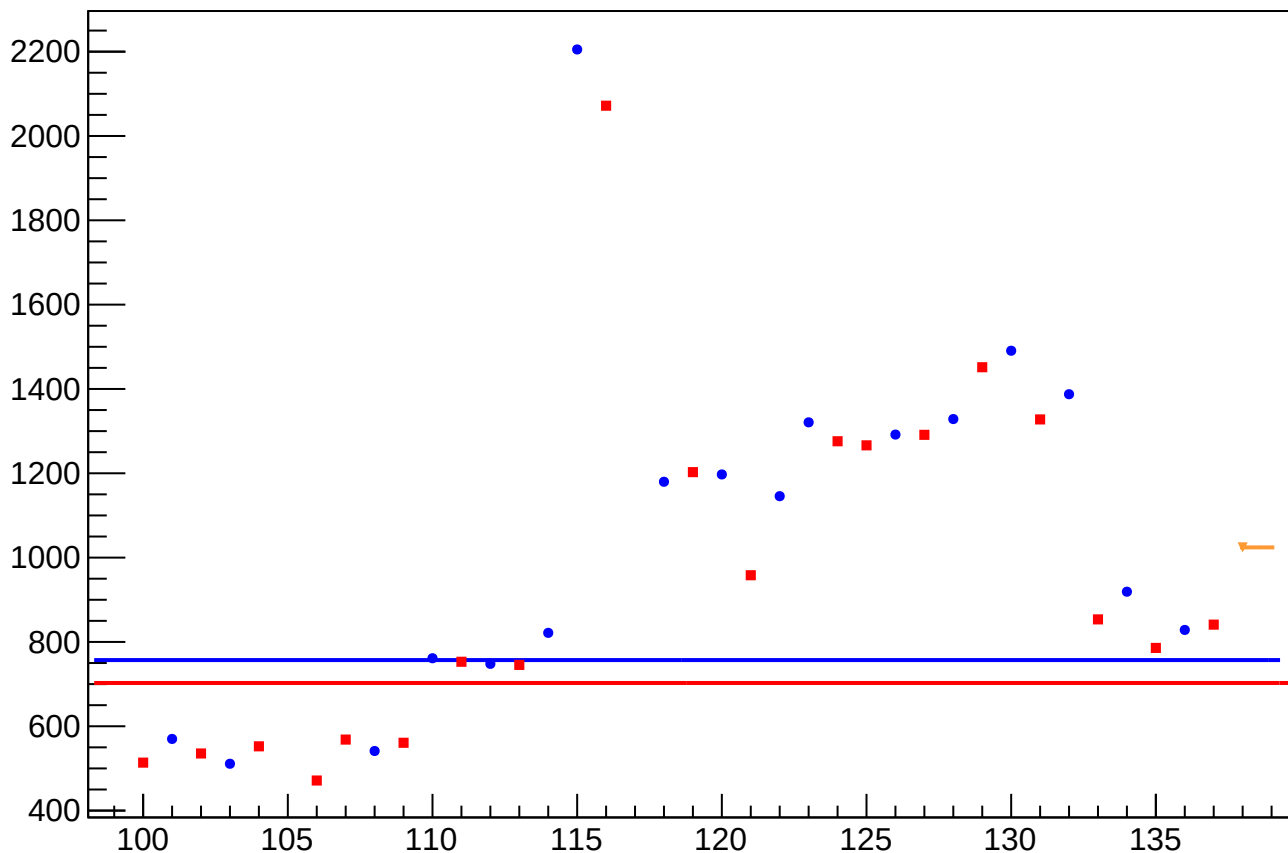
Right: -339.397 ± 209.669 $\chi^2/\text{NDF}: 39.5/35$

In: -157.178 ± 312.499 $\chi^2/\text{NDF}: 16.2/16$

Out: -365.627 ± 275.174 $\chi^2/\text{NDF}: 26.2/19$

All: -274.589 ± 206.520 $\chi^2/\text{NDF}: 42.7/36$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 1024.234+/-0.846 χ^2/NDF : 0.0/0

Right Out: 702.656+/-0.200 χ^2/NDF : 1689579.7/18

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

Left: 1024.234+/-0.846 χ^2/NDF : 0.0/0

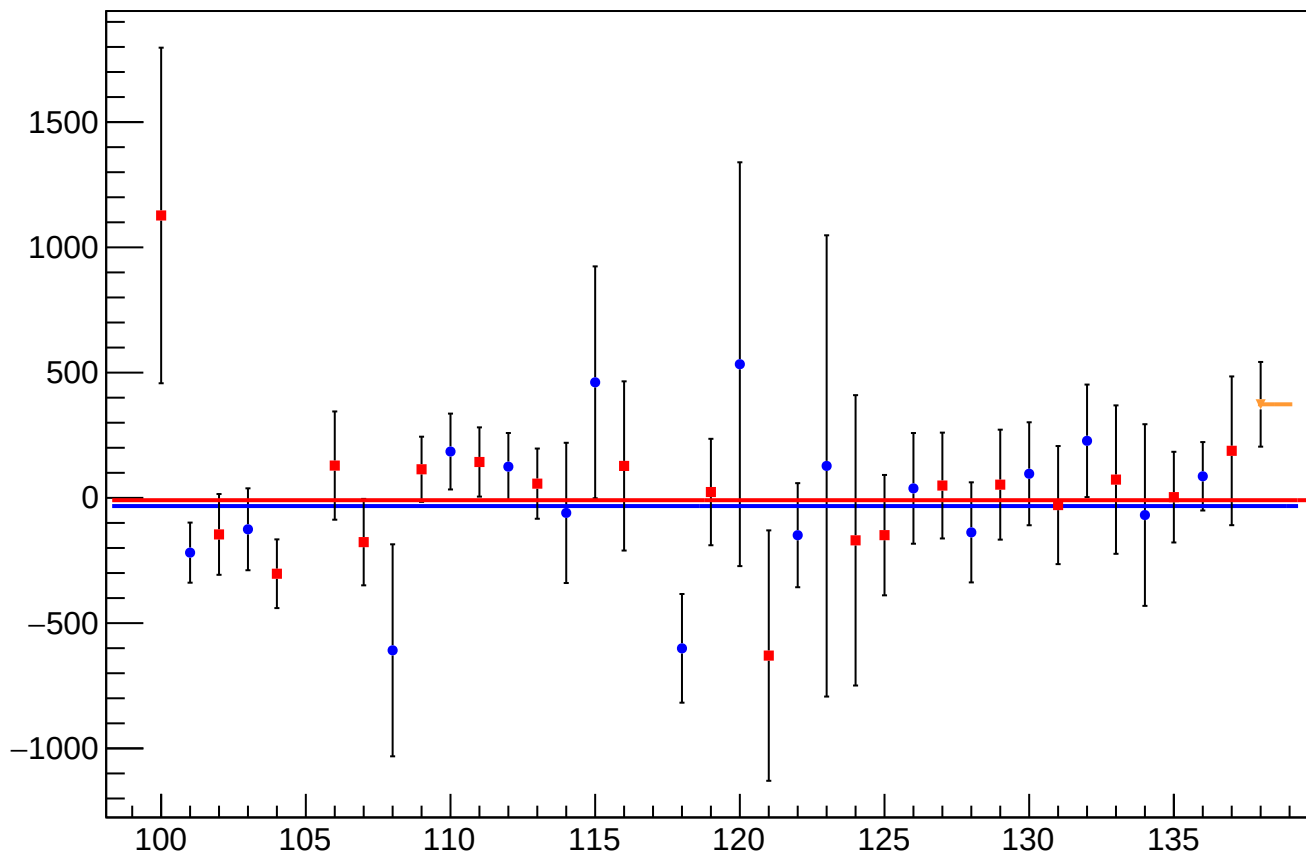
Right: 727.113+/-0.148 χ^2/NDF : 3434103.1/35

In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Out: 719.676+/-0.195 χ^2/NDF : 1826488.9/19

All: 735.970+/-0.146 χ^2/NDF : 3553832.2/36

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 373.514 ± 169.071 χ^2/NDF : 0.0/0

Right Out: -9.277 ± 45.600 χ^2/NDF : 14.7/18

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

Left: 373.514 ± 169.071 χ^2/NDF : 0.0/0

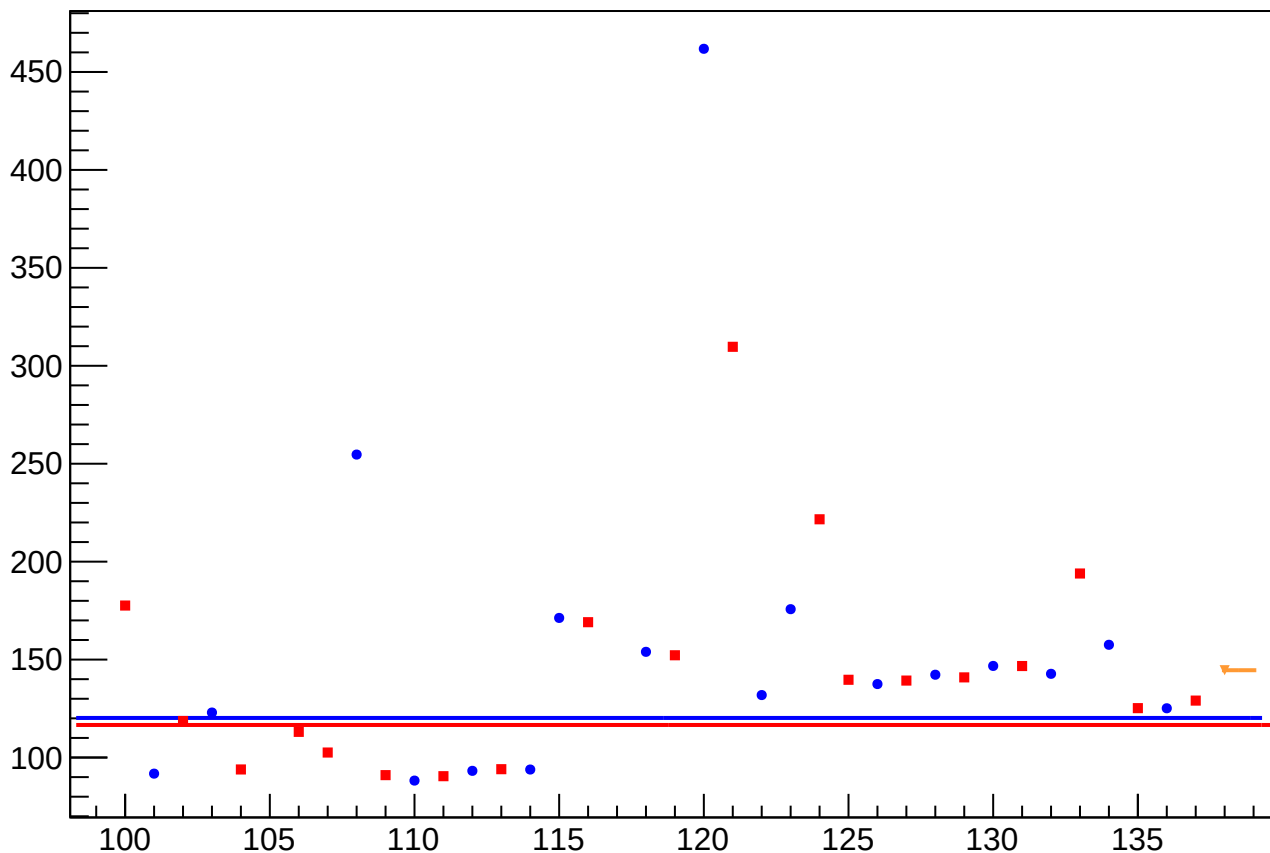
Right: -20.281 ± 33.200 χ^2/NDF : 34.6/35

In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Out: 16.680 ± 44.026 χ^2/NDF : 19.5/19

All: -5.660 ± 32.578 χ^2/NDF : 39.8/36

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF : 1062326.6/16

Left Out: 144.571+/-0.120 χ^2/NDF :0.0/0

Right Out: 116.618+/-0.032 χ^2/NDF : 997956.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 144.571+/-0.120 χ^2/NDF : 0.0/0

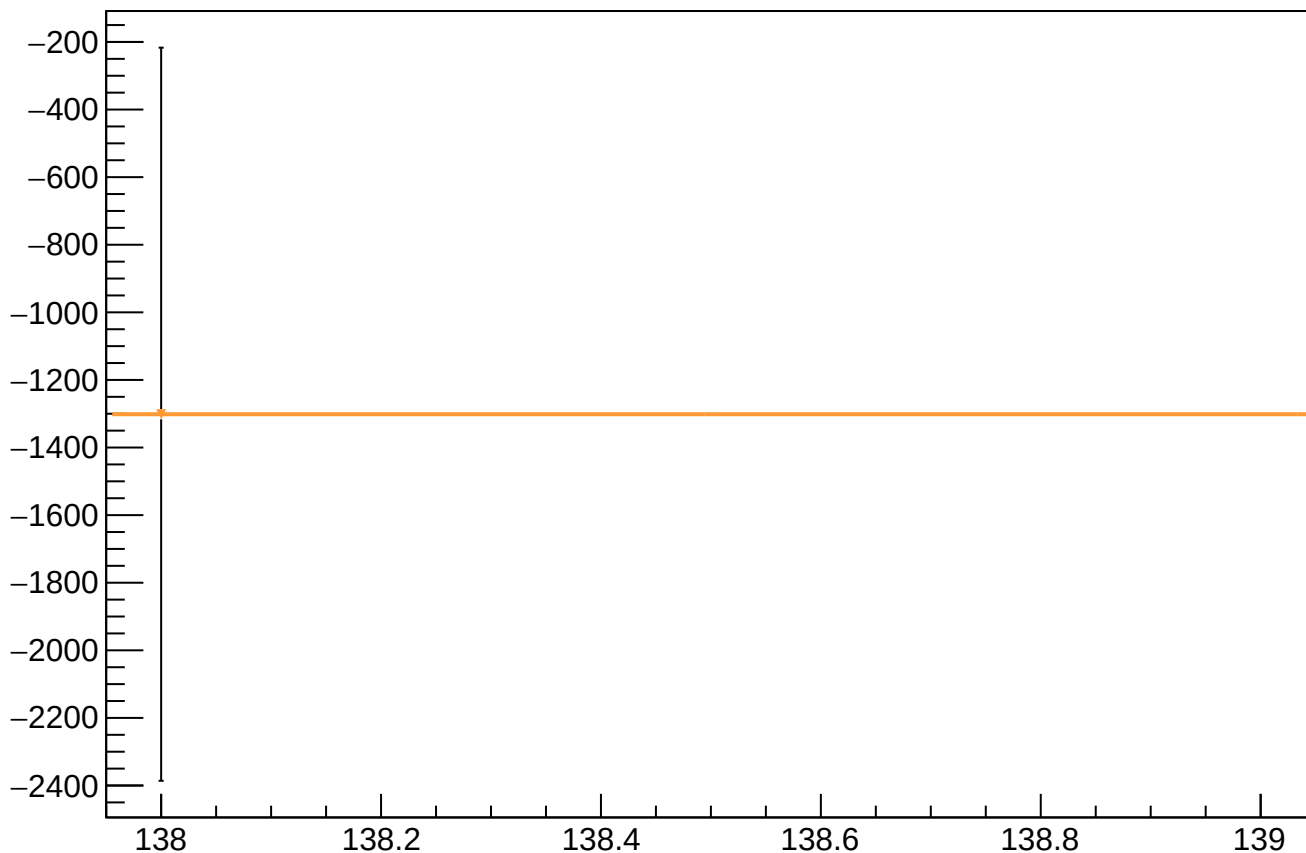
Right: 118.304+/-0.023 χ^2/NDF : 2066104.2/35

In: 120.207+/-0.034 χ^2/NDF :1062326.6/16

Out: 118.513+/-0.031 χ^2/NDF :1048920.2/19

All: 119.280+/-0.023 χ^2/NDF : 2112585.2/36

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: -1301.487+/-1084.568 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: -1301.487+/-1084.568 χ^2/NDF : 0.0/0

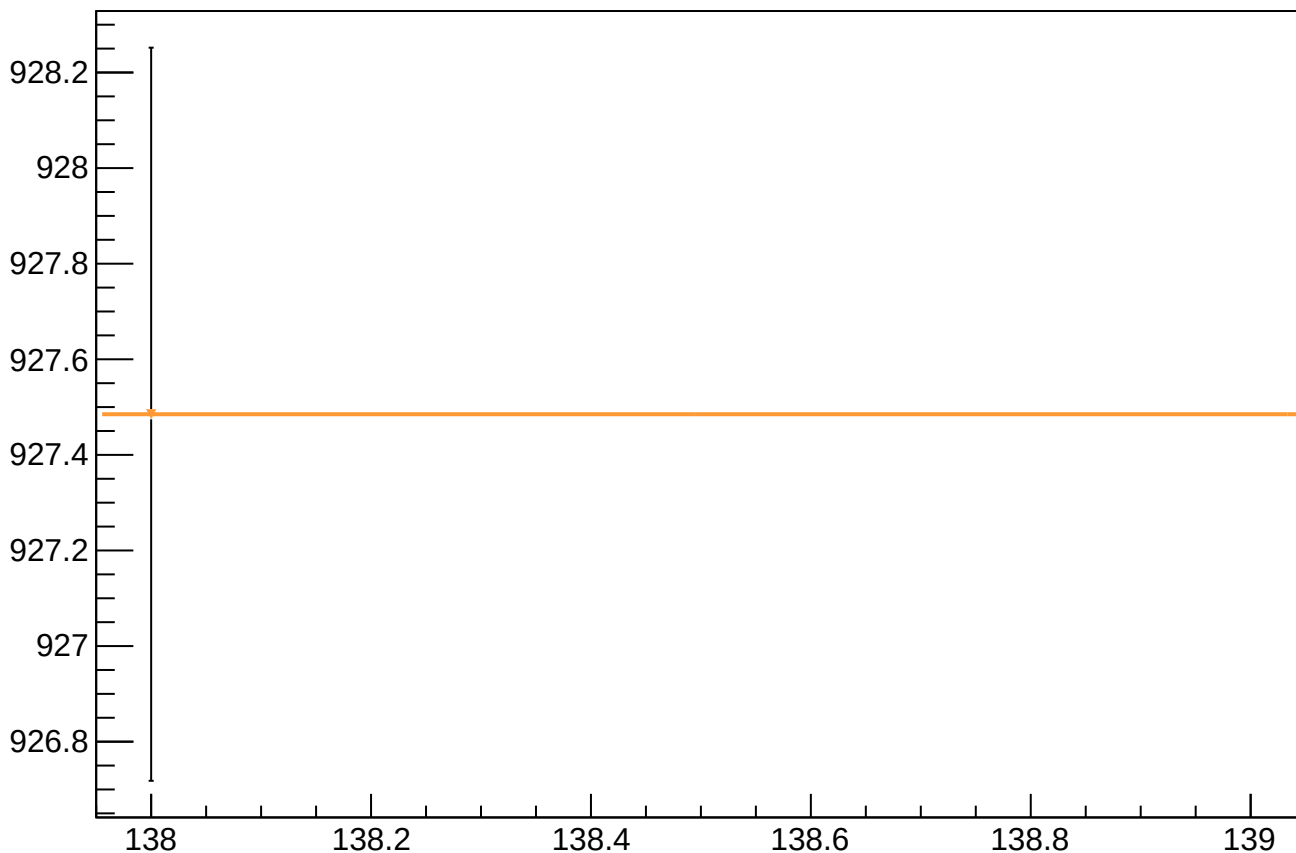
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -1301.487+/-1084.568 χ^2/NDF : 0.0/0

All: -1301.487+/-1084.568 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 927.485+/-0.767 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: 927.485+/-0.767 χ^2/NDF : 0.0/0

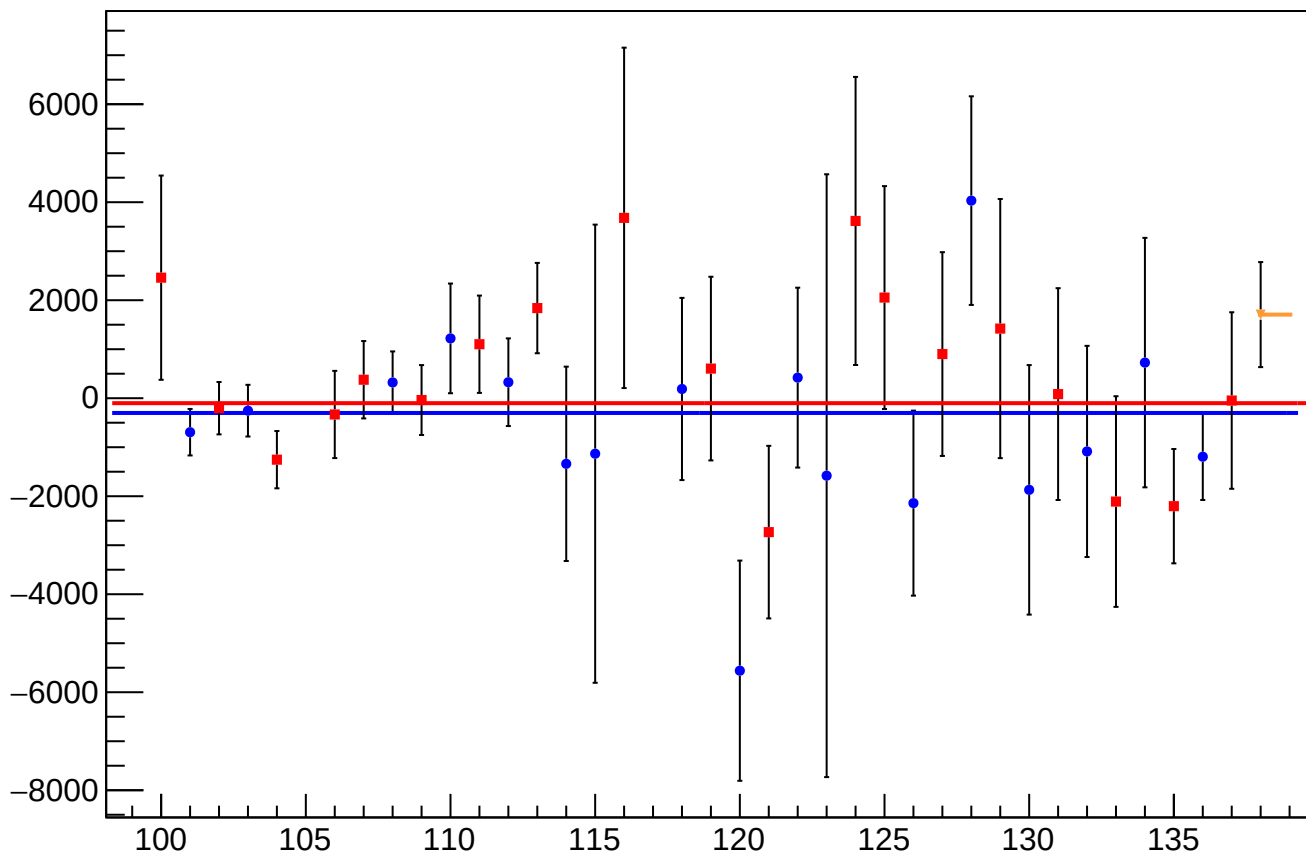
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 927.485+/-0.767 χ^2/NDF : 0.0/0

All: 927.485+/-0.767 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: 1706.383 ± 1071.778 χ^2/NDF : 0.0/0

Right Out: -100.857 ± 245.981 χ^2/NDF : 22.5/18

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

Left: 1706.383 ± 1071.778 χ^2/NDF : 0.0/0

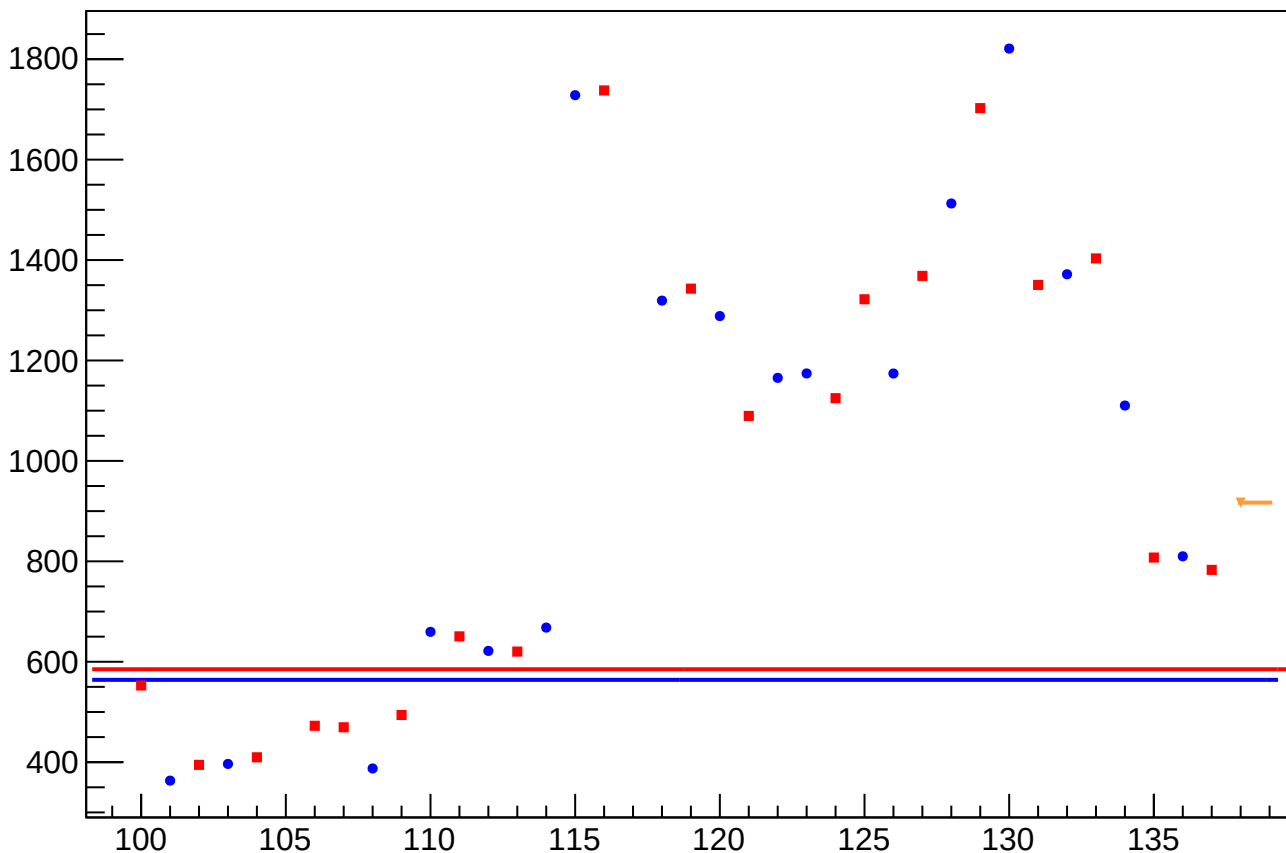
Right: -199.290 ± 175.353 χ^2/NDF : 39.7/35

In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Out: -10.427 ± 239.748 χ^2/NDF : 25.2/19

All: -149.608 ± 173.052 χ^2/NDF : 42.8/36

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF : 3261491.3/16

Left Out: 916.949+/-0.758 χ^2/NDF :0.0/0

Right Out: 585.070+/-0.174 χ^2/NDF : 2820837.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 916.949+/-0.758 χ^2/NDF : 0.0/0

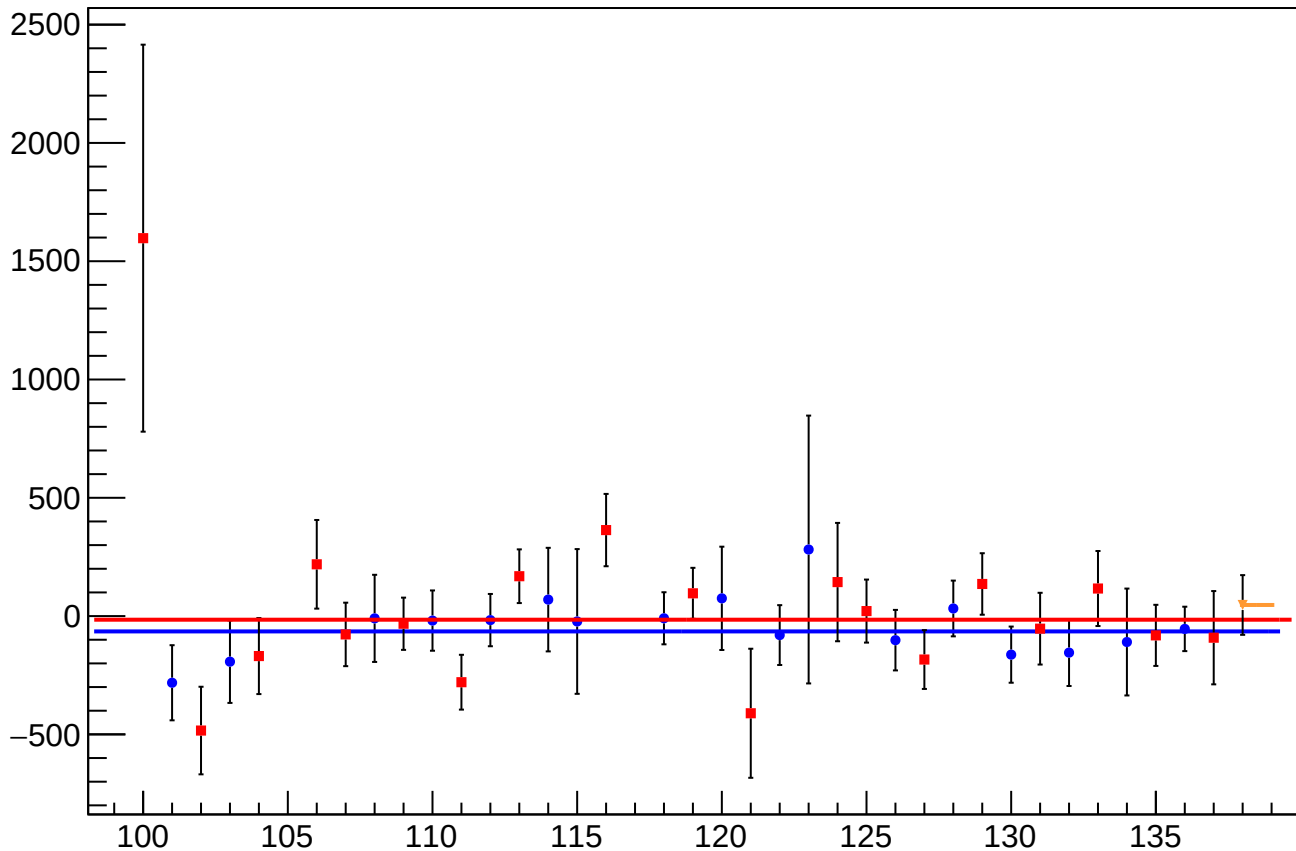
Right: 574.709+/-0.124 χ^2/NDF : 6089543.5/35

In: 564.003+/-0.177 χ^2/NDF :3261491.3/16

Out: 601.676+/-0.170 χ^2/NDF :3003012.8/19

All: 583.631+/-0.122 χ^2/NDF : 6288158.0/36

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 46.964 ± 126.171 χ^2/NDF : 0.0/0

Right Out: -15.294 ± 33.422 χ^2/NDF : 35.0/18

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

Left: 46.964 ± 126.171 χ^2/NDF : 0.0/0

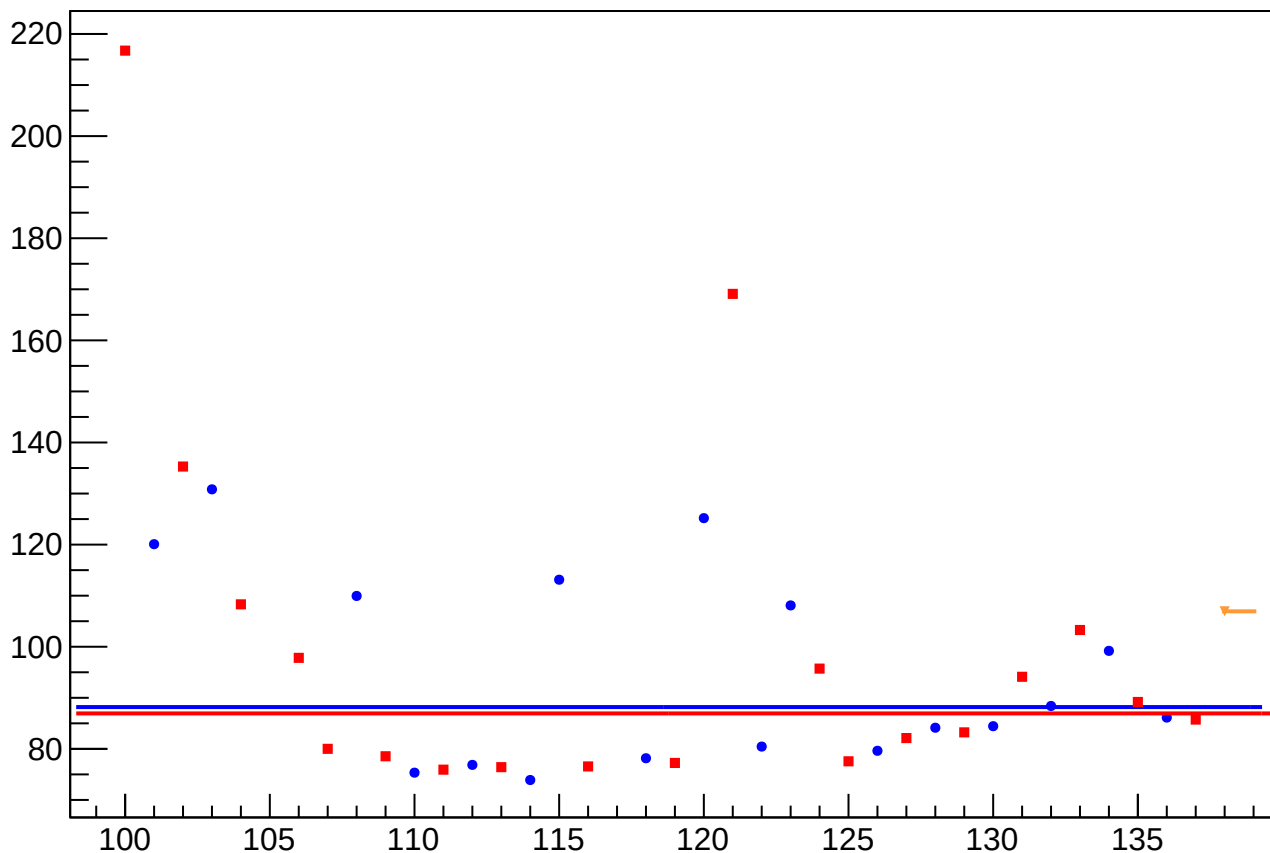
Right: -39.167 ± 24.048 χ^2/NDF : 42.2/35

In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Out: -11.212 ± 32.307 χ^2/NDF : 35.2/19

All: -36.148 ± 23.623 χ^2/NDF : 42.7/36

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF : 394447.7/16

Left Out: 106.935+/-0.089 χ^2/NDF : 0.0/0

Right Out: 86.943+/-0.024 χ^2/NDF : 531359.9/18

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

Left: 106.935+/-0.089 χ^2/NDF : 0.0/0

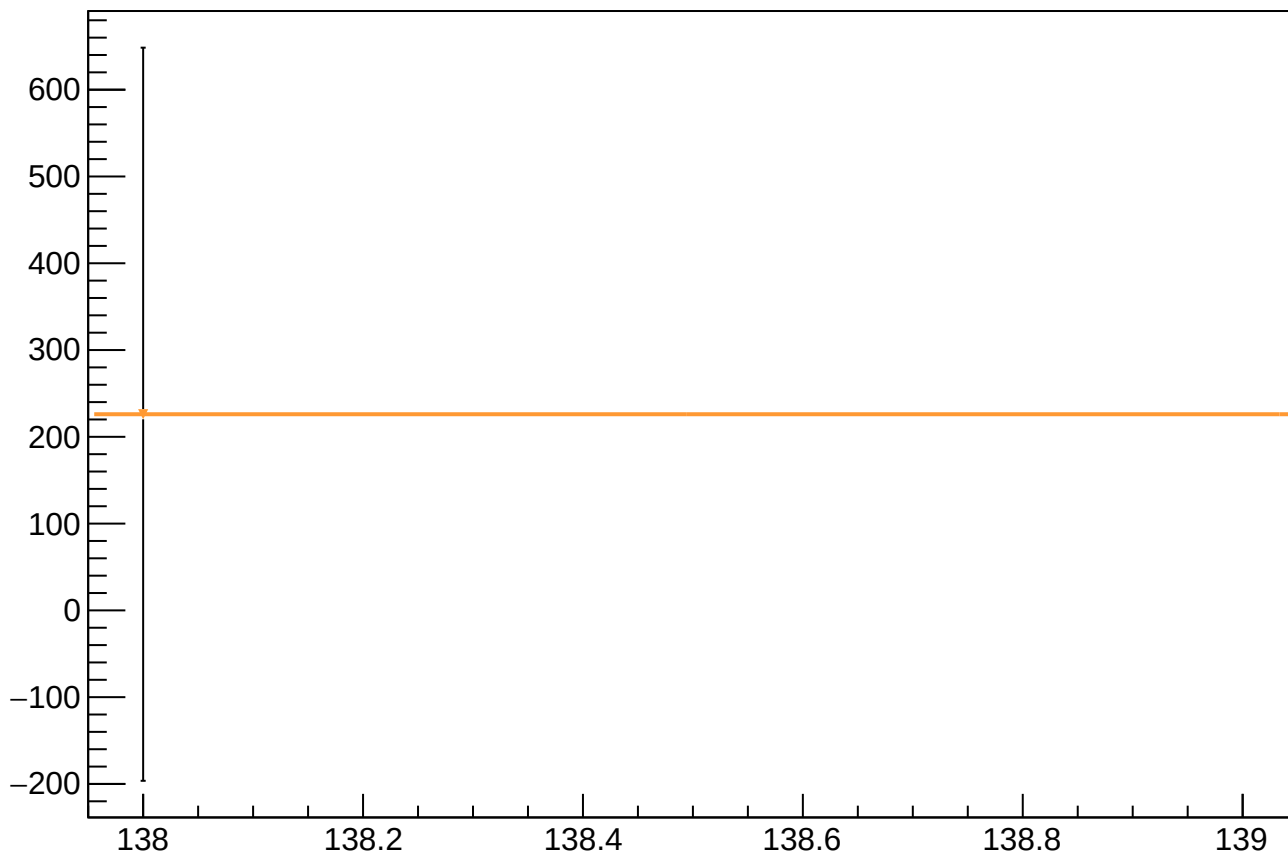
Right: 87.542+/-0.017 χ^2/NDF : 927142.1/35

In: 88.186+/-0.024 χ^2/NDF : 394447.7/16

Out: 88.254+/-0.023 χ^2/NDF : 578282.1/19

All: 88.222+/-0.017 χ^2/NDF : 972734.0/36

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: 226.028+/-422.409 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: 226.028+/-422.409 χ^2/NDF : 0.0/0

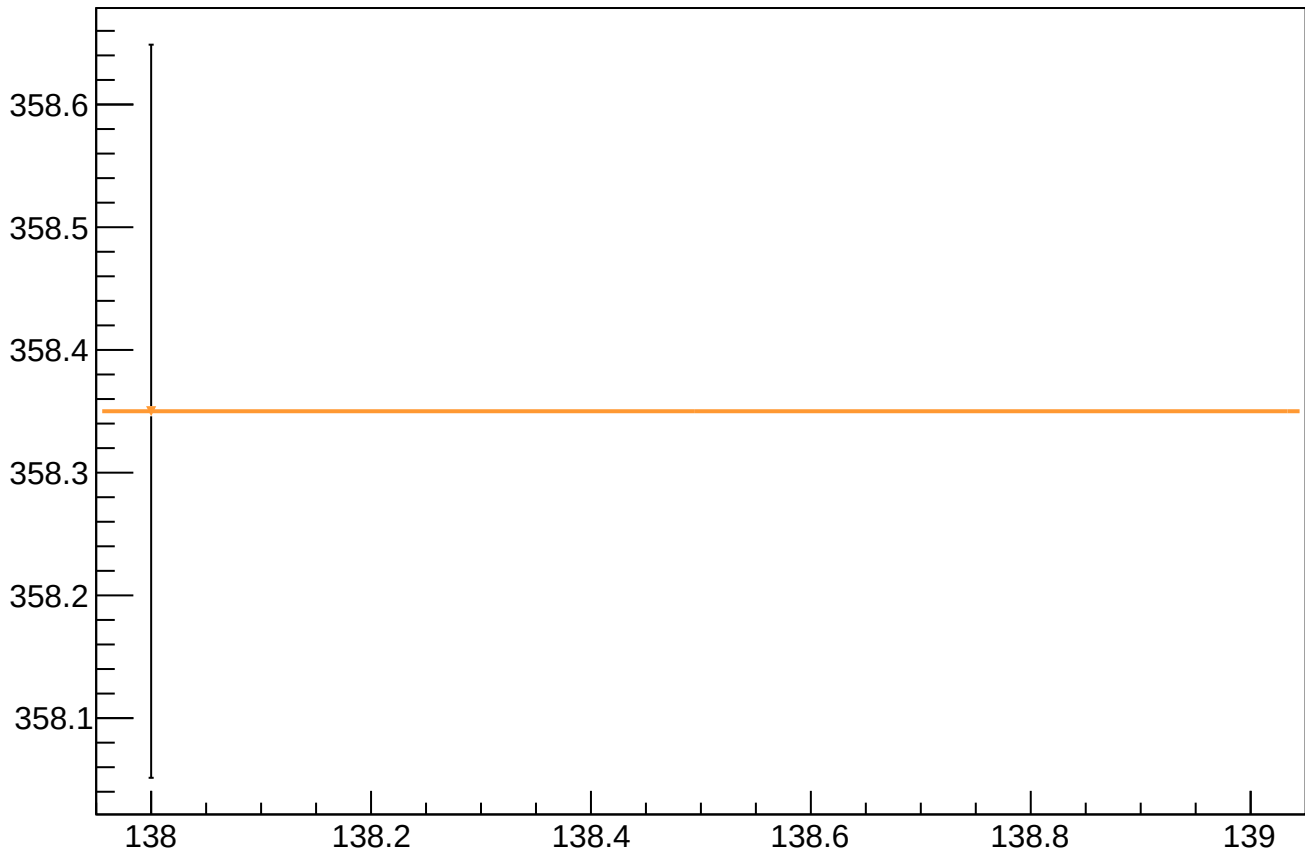
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 226.028+/-422.409 χ^2/NDF : 0.0/0

All: 226.028+/-422.409 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 358.350+/-0.299 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: 358.350+/-0.299 χ^2 /NDF: 0.0/0

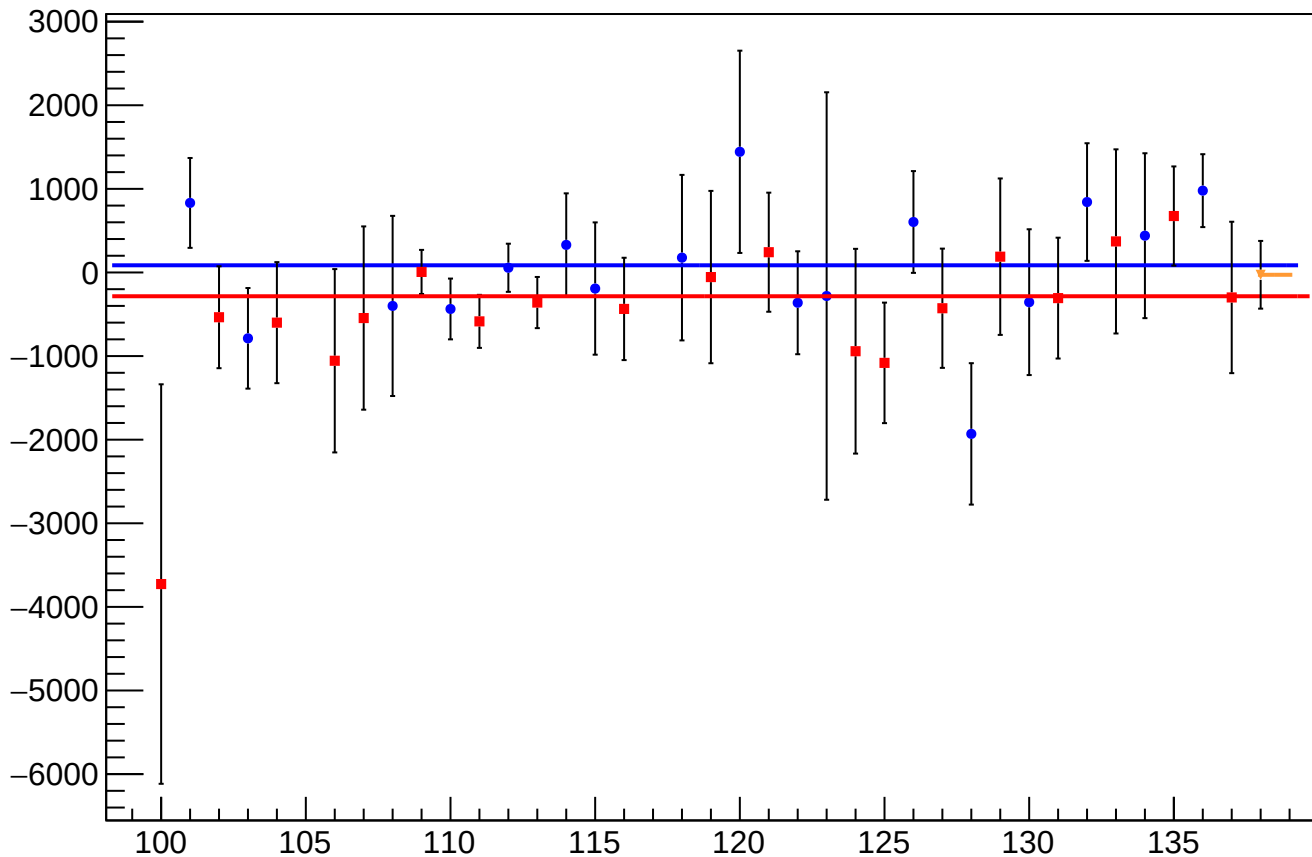
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 358.350+/-0.299 χ^2 /NDF:0.0/0

All: 358.350+/-0.299 χ^2 /NDF: 0.0/0

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF : 20.6/16

Left Out: -27.745+/-405.009 χ^2/NDF : 0.0/0

Right Out: -284.456+/-129.599 χ^2/NDF : 10.6/18

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

Left: -27.745+/-405.009 χ^2/NDF : 0.0/0

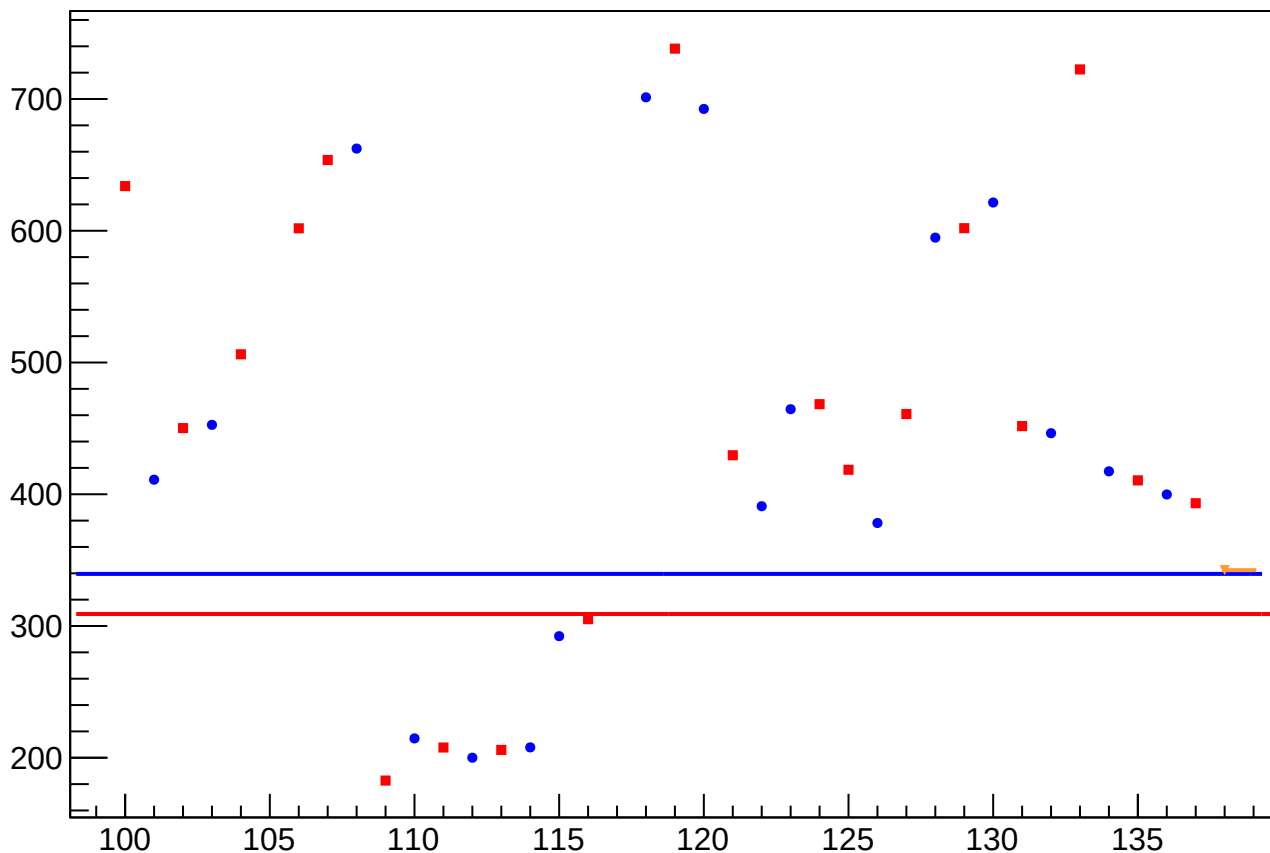
Right: -116.969+/-95.908 χ^2/NDF : 34.9/35

In: 85.810+/-142.601 χ^2/NDF : 20.6/16

Out: -260.612+/-123.434 χ^2/NDF : 11.0/19

All: -112.231+/-93.327 χ^2/NDF : 34.9/36

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF : 2042244.1/16

Left Out: 342.411+/-0.286 χ^2/NDF : 0.0/0

Right Out: 309.105+/-0.092 χ^2/NDF : 2730308.7/18

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

Left: 342.411+/-0.286 χ^2/NDF : 0.0/0

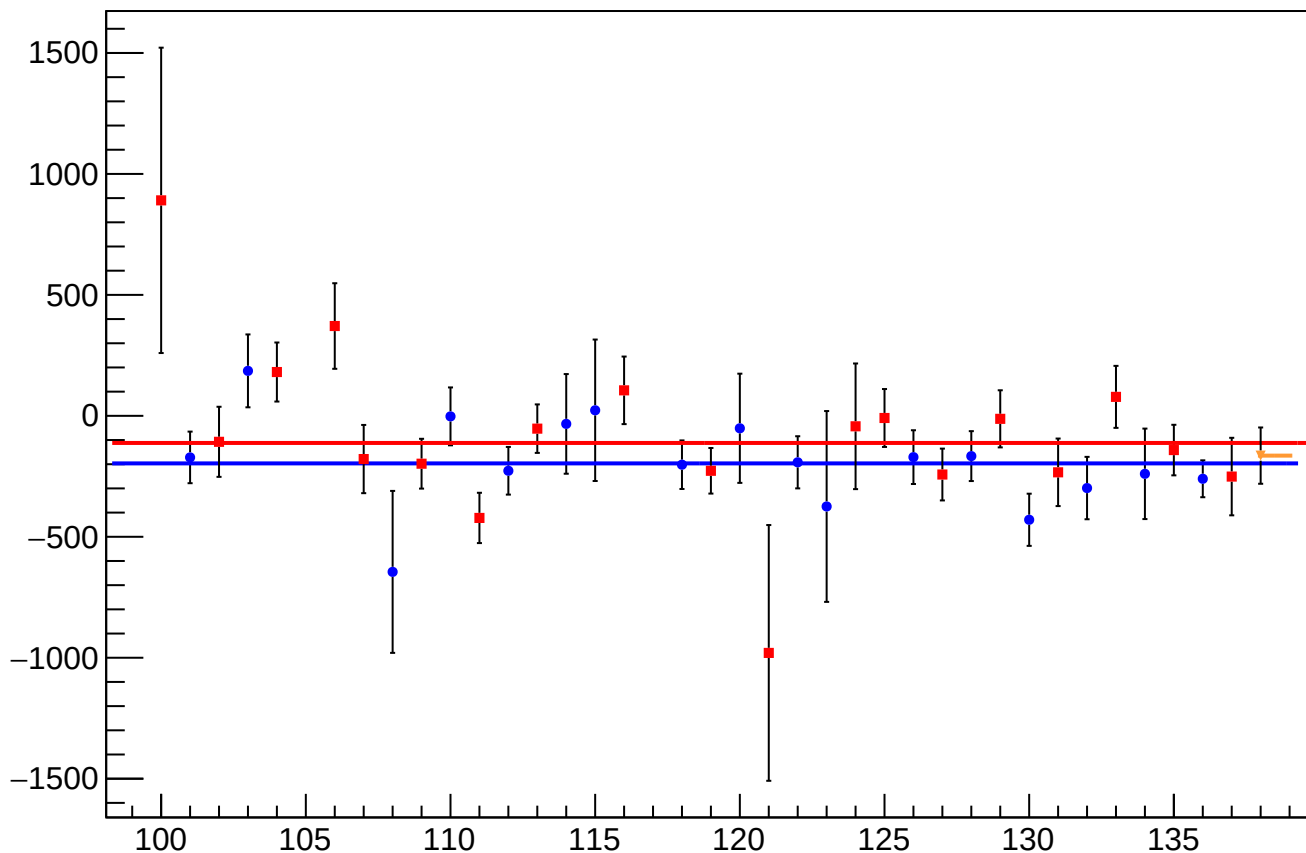
Right: 322.878+/-0.068 χ^2/NDF : 4822487.1/35

In: 339.553+/-0.101 χ^2/NDF : 2042244.1/16

Out: 312.199+/-0.087 χ^2/NDF : 2742577.5/19

All: 323.915+/-0.066 χ^2/NDF : 4826892.1/36

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 $\chi^2/\text{NDF}: 19.0/16$

Left Out: -164.470 ± 116.343 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -112.097 ± 29.622 $\chi^2/\text{NDF}: 39.3/18$

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

Left: -164.470 ± 116.343 $\chi^2/\text{NDF}: 0.0/0$

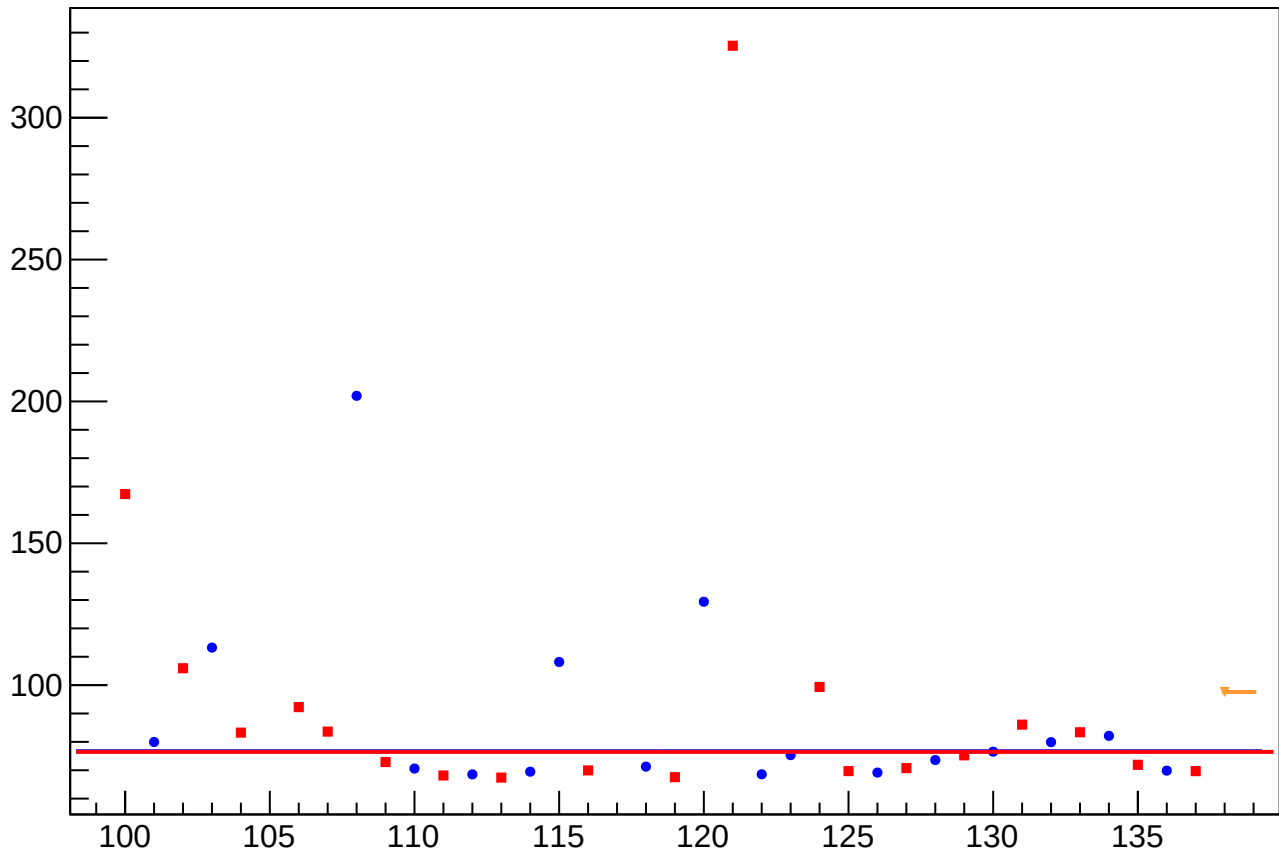
Right: -153.254 ± 21.215 $\chi^2/\text{NDF}: 62.3/35$

In: -196.599 ± 30.399 $\chi^2/\text{NDF}: 19.0/16$

Out: -115.286 ± 28.706 $\chi^2/\text{NDF}: 39.5/19$

All: -153.615 ± 20.871 $\chi^2/\text{NDF}: 62.3/36$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 97.578 $\pm$ 0.082 χ^2 /NDF:0.0/0

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

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

Left: 97.578 $\pm$ 0.082 χ^2 /NDF: 0.0/0

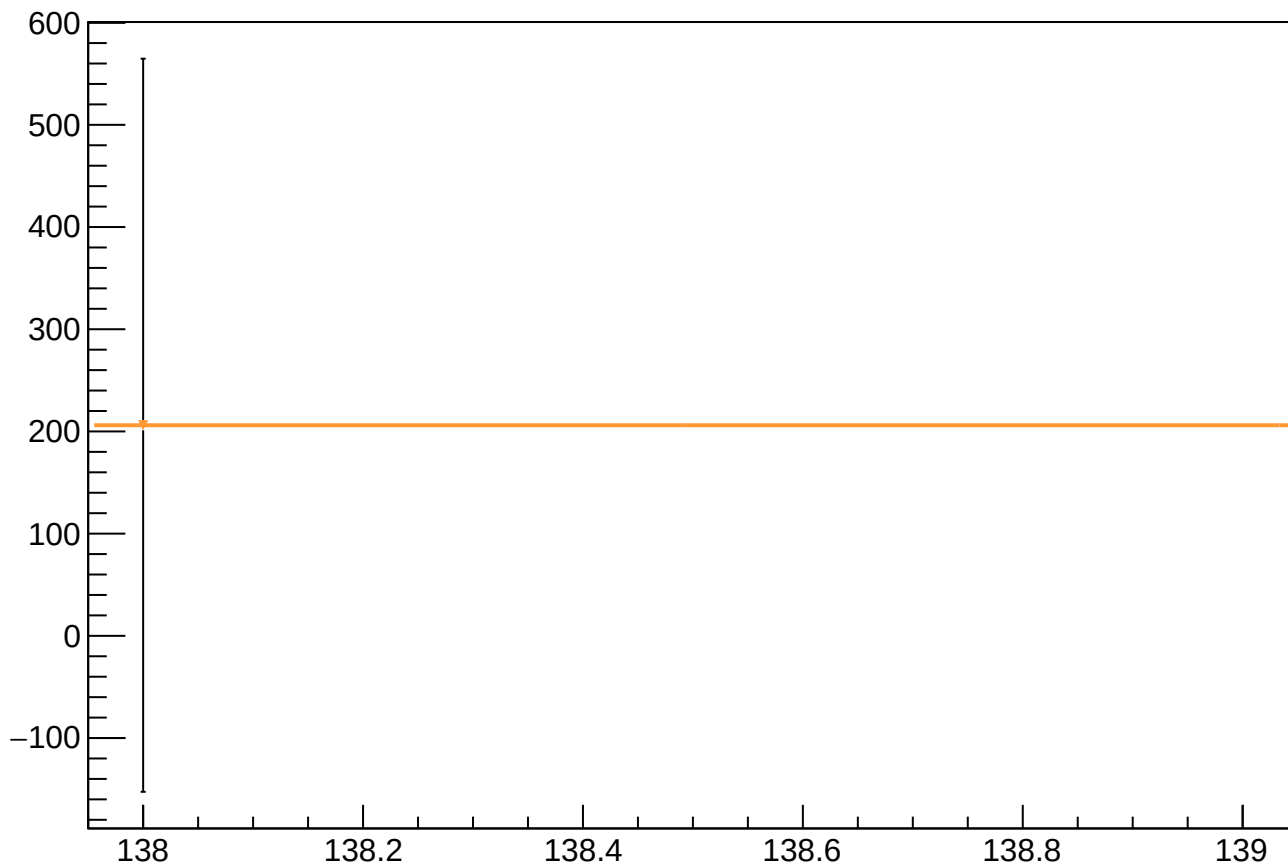
Right: 76.583 $\pm$ 0.015 χ^2 /NDF: 1299760.4/35

In: 76.692 $\pm$ 0.021 χ^2 /NDF:600348.1/16

Out: 77.763 $\pm$ 0.020 χ^2 /NDF:761132.3/19

All: 77.258 $\pm$ 0.015 χ^2 /NDF: 1362793.4/36

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: 206.066+/-358.668 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: 206.066+/-358.668 χ^2/NDF : 0.0/0

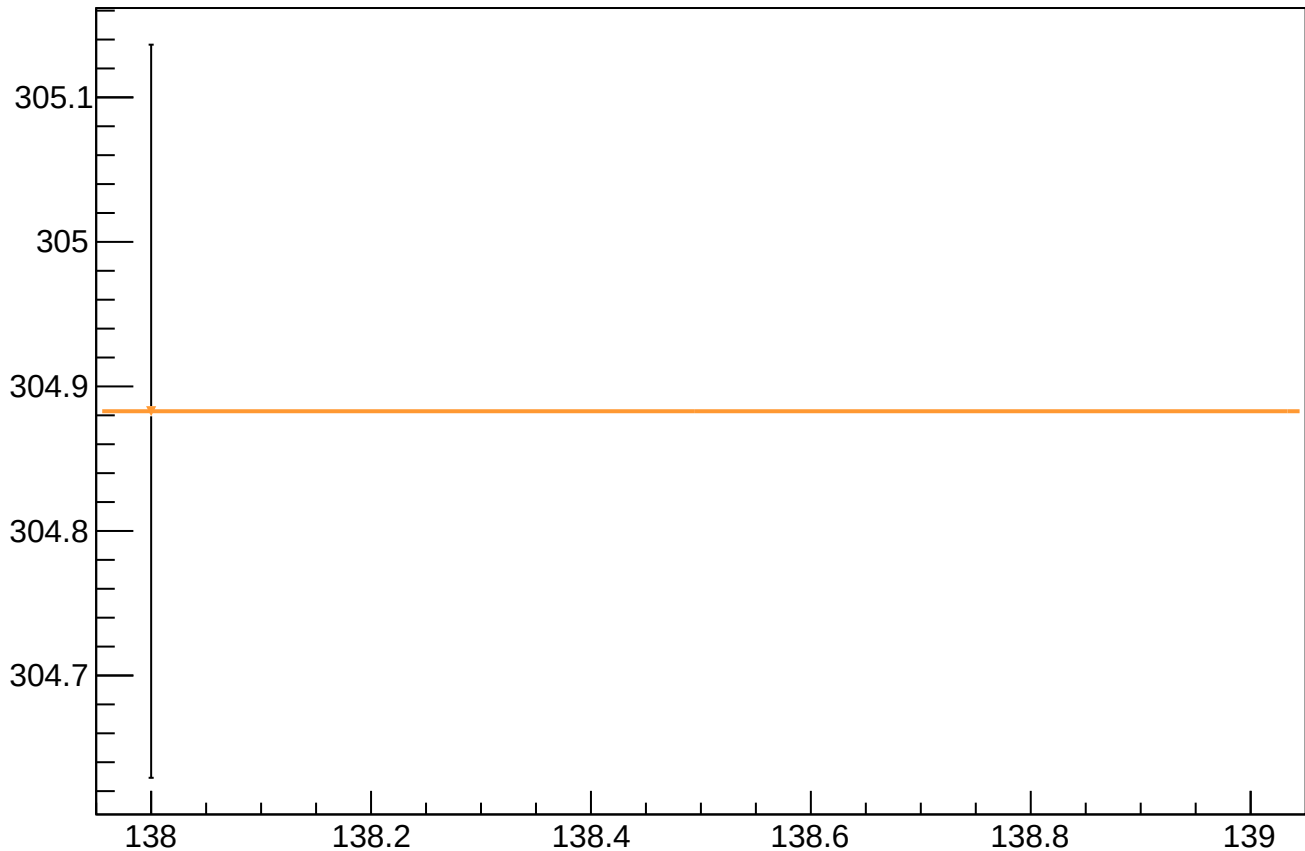
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 206.066+/-358.668 χ^2/NDF : 0.0/0

All: 206.066+/-358.668 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 304.883+/-0.254 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: 304.883+/-0.254 χ^2/NDF : 0.0/0

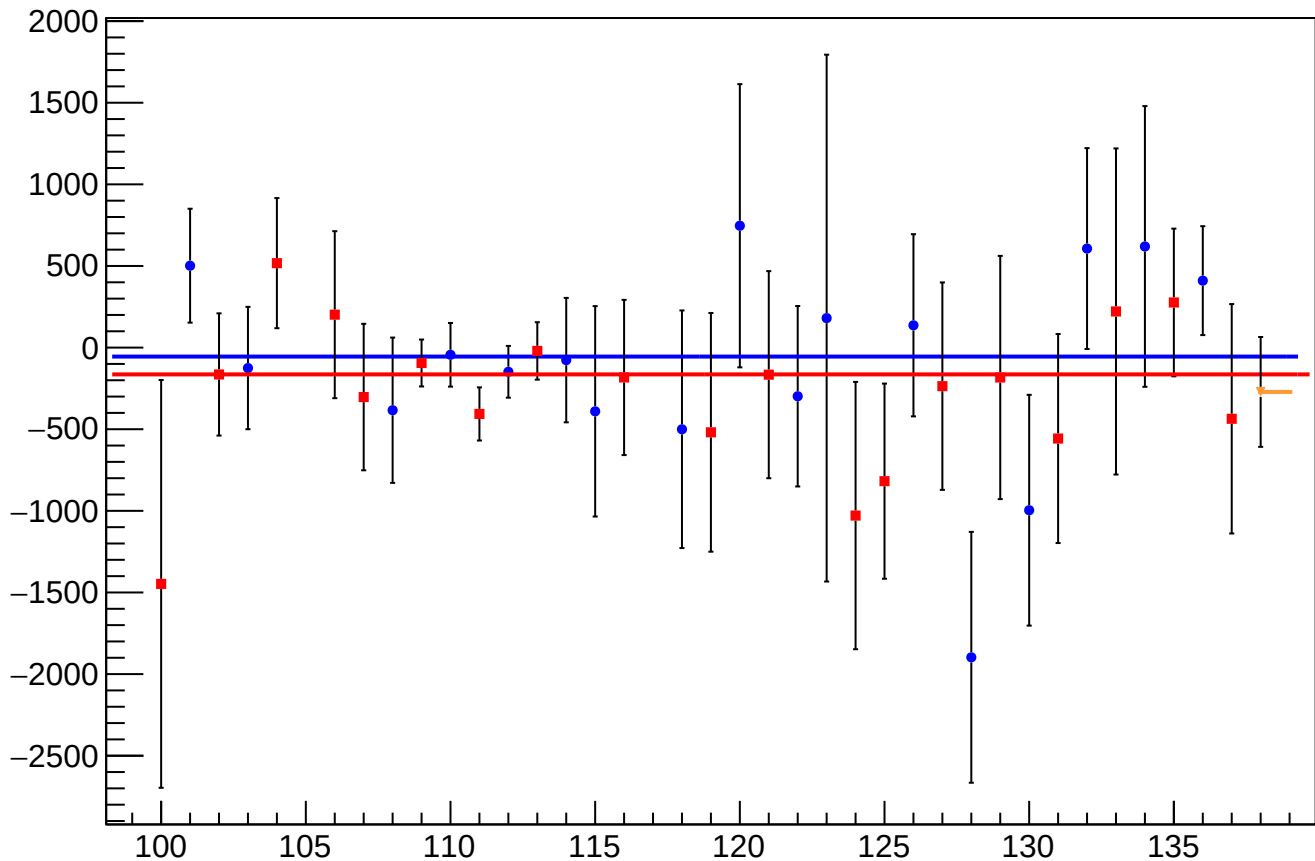
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 304.883+/-0.254 χ^2/NDF : 0.0/0

All: 304.883+/-0.254 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: -271.502 ± 336.444 χ^2/NDF : 0.0/0

Right Out: -164.141 ± 76.903 χ^2/NDF : 11.9/18

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

Left: -271.502 ± 336.444 χ^2/NDF : 0.0/0

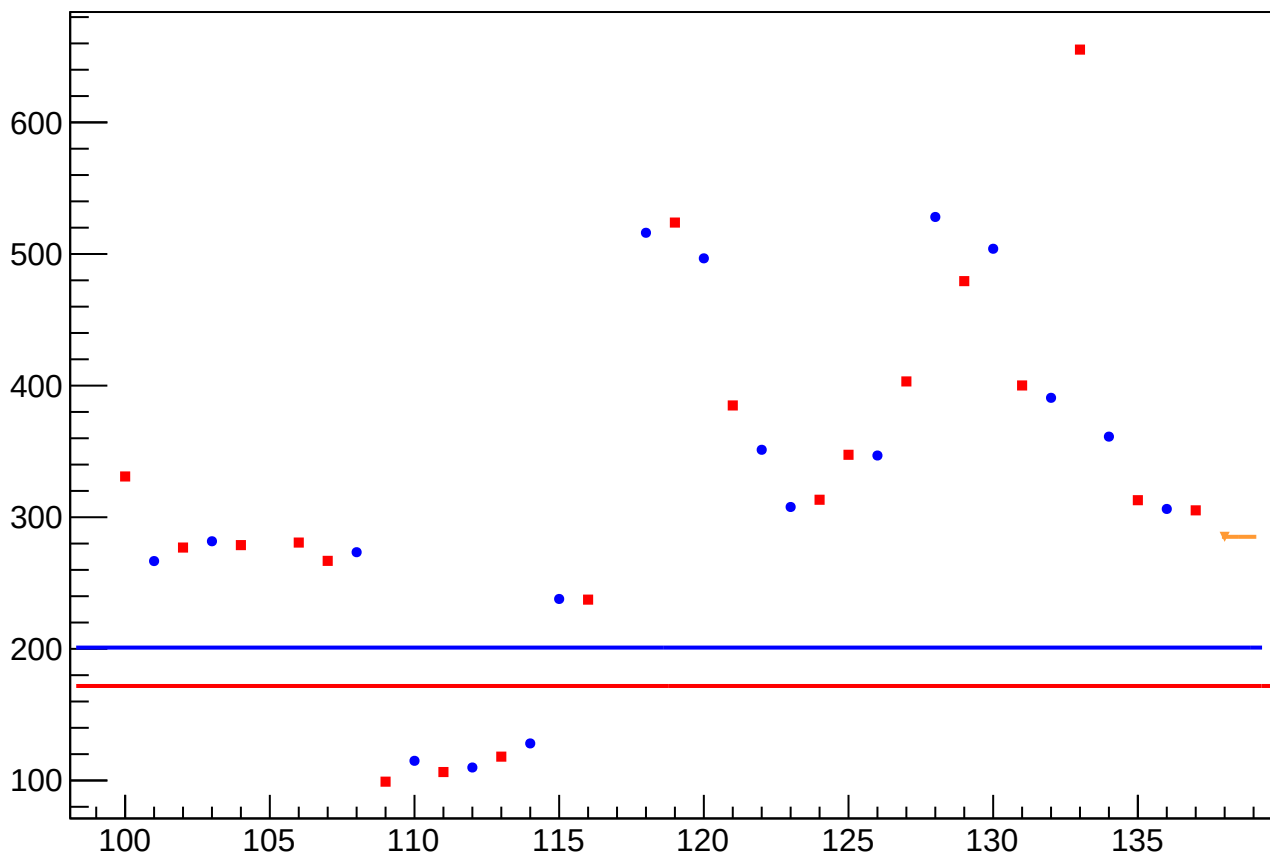
Right: -118.264 ± 58.563 χ^2/NDF : 29.3/35

In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Out: -169.472 ± 74.969 χ^2/NDF : 12.0/19

All: -122.770 ± 57.696 χ^2/NDF : 29.5/36

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 285.129+/-0.238 χ^2/NDF : 0.0/0

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

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

Left: 285.129+/-0.238 χ^2/NDF : 0.0/0

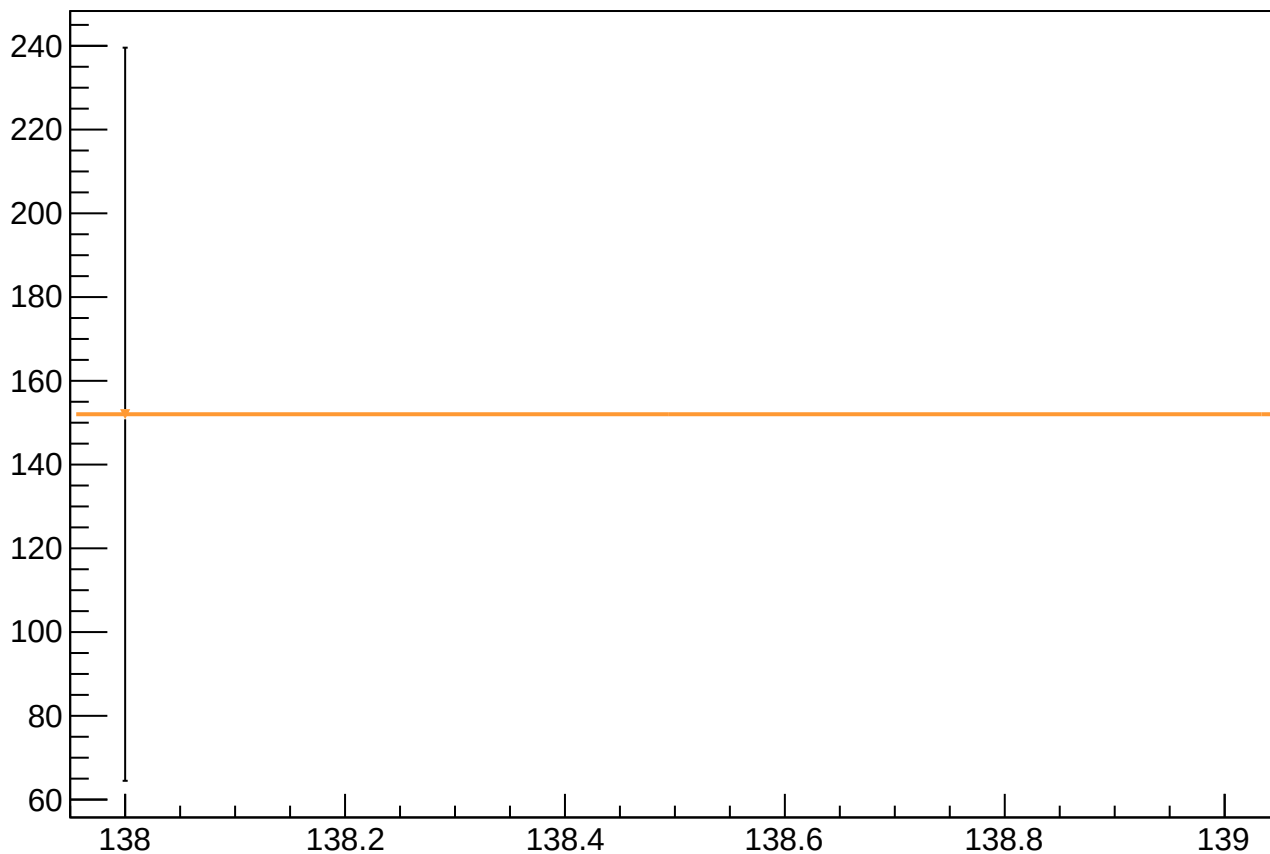
Right: 184.051+/-0.041 χ^2/NDF : 7649725.9/35

In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Out: 177.421+/-0.053 χ^2/NDF : 4308319.2/19

All: 187.023+/-0.041 χ^2/NDF : 7824936.6/36

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 152.022+/-87.538 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: 152.022+/-87.538 χ^2/NDF : 0.0/0

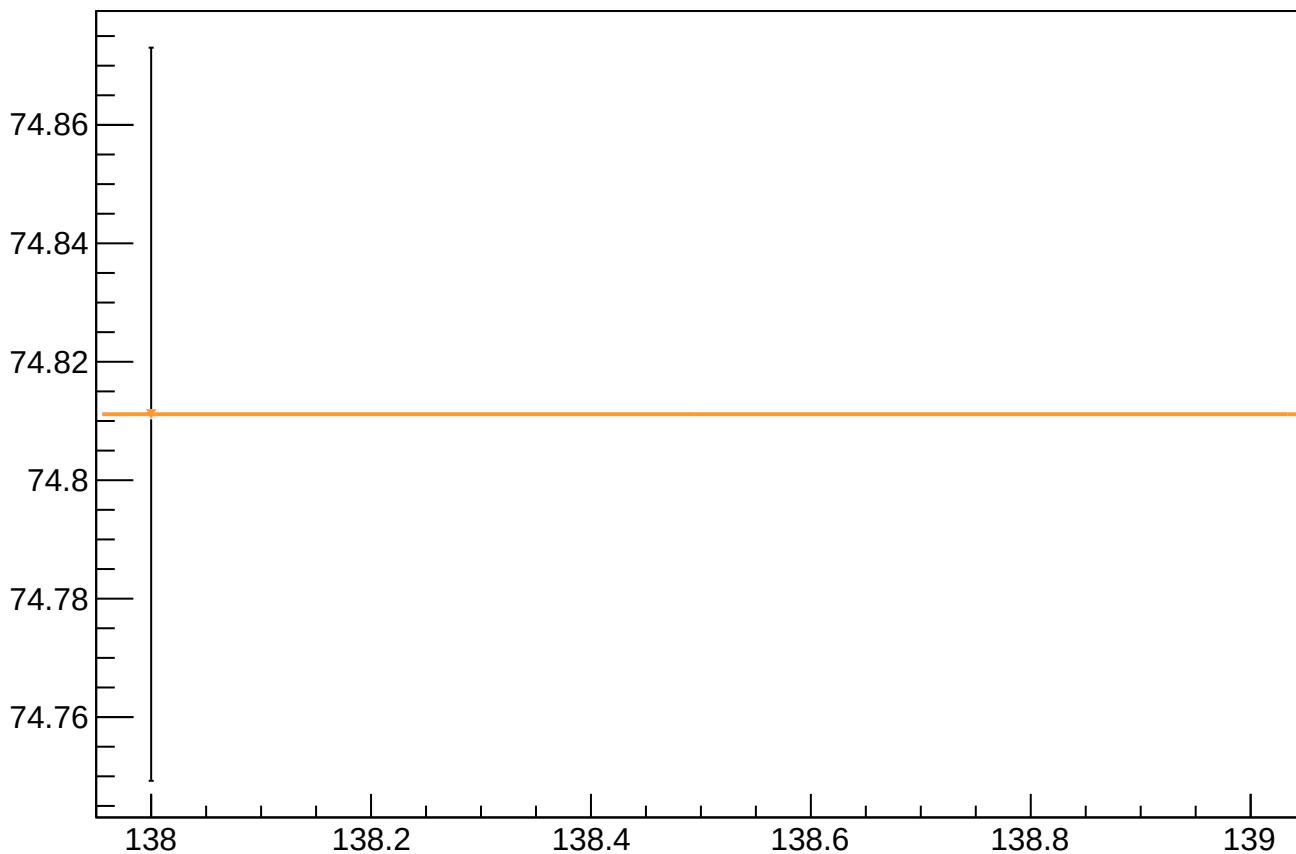
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 152.022+/-87.538 χ^2/NDF : 0.0/0

All: 152.022+/-87.538 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 74.811+/-0.062 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: 74.811+/-0.062 χ^2/NDF : 0.0/0

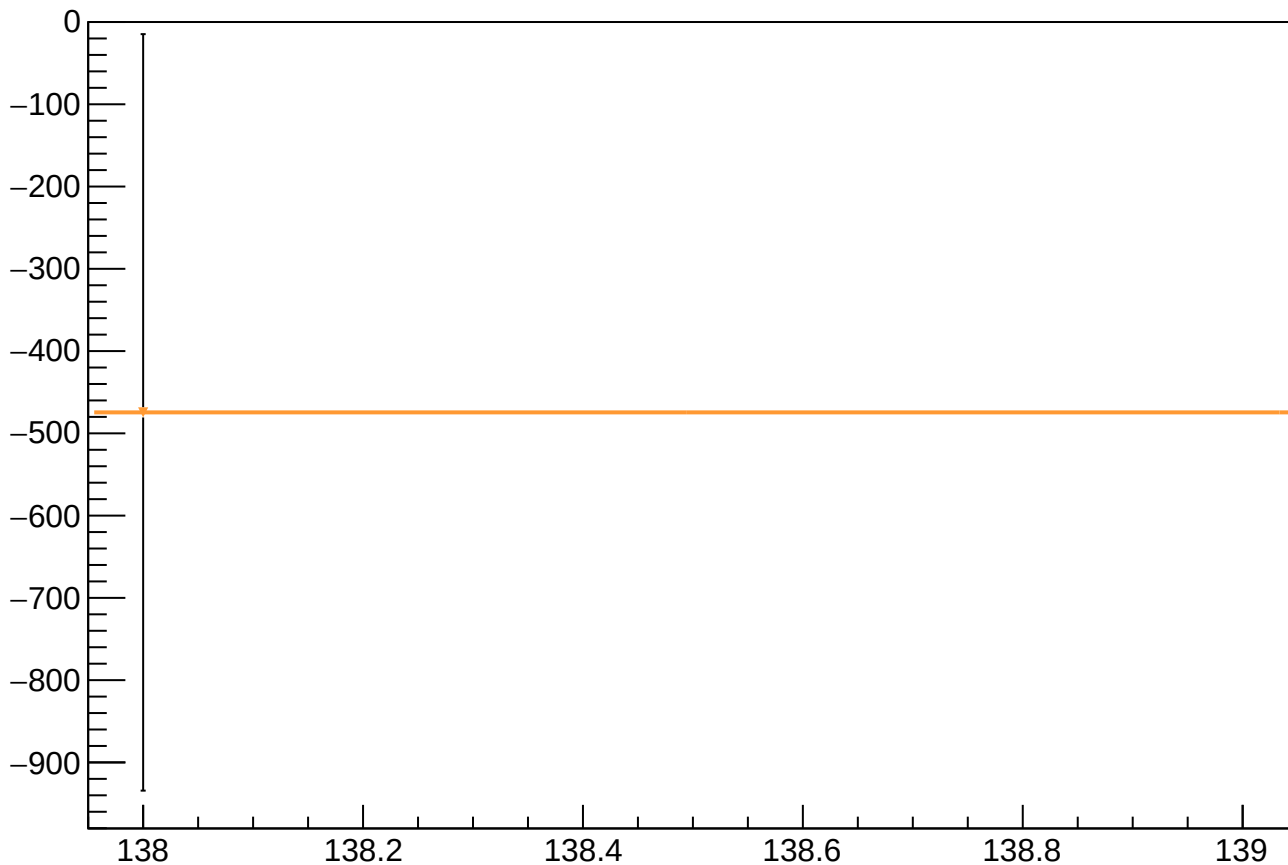
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 74.811+/-0.062 χ^2/NDF : 0.0/0

All: 74.811+/-0.062 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -474.517+/-459.787 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: -474.517+/-459.787 χ^2/NDF : 0.0/0

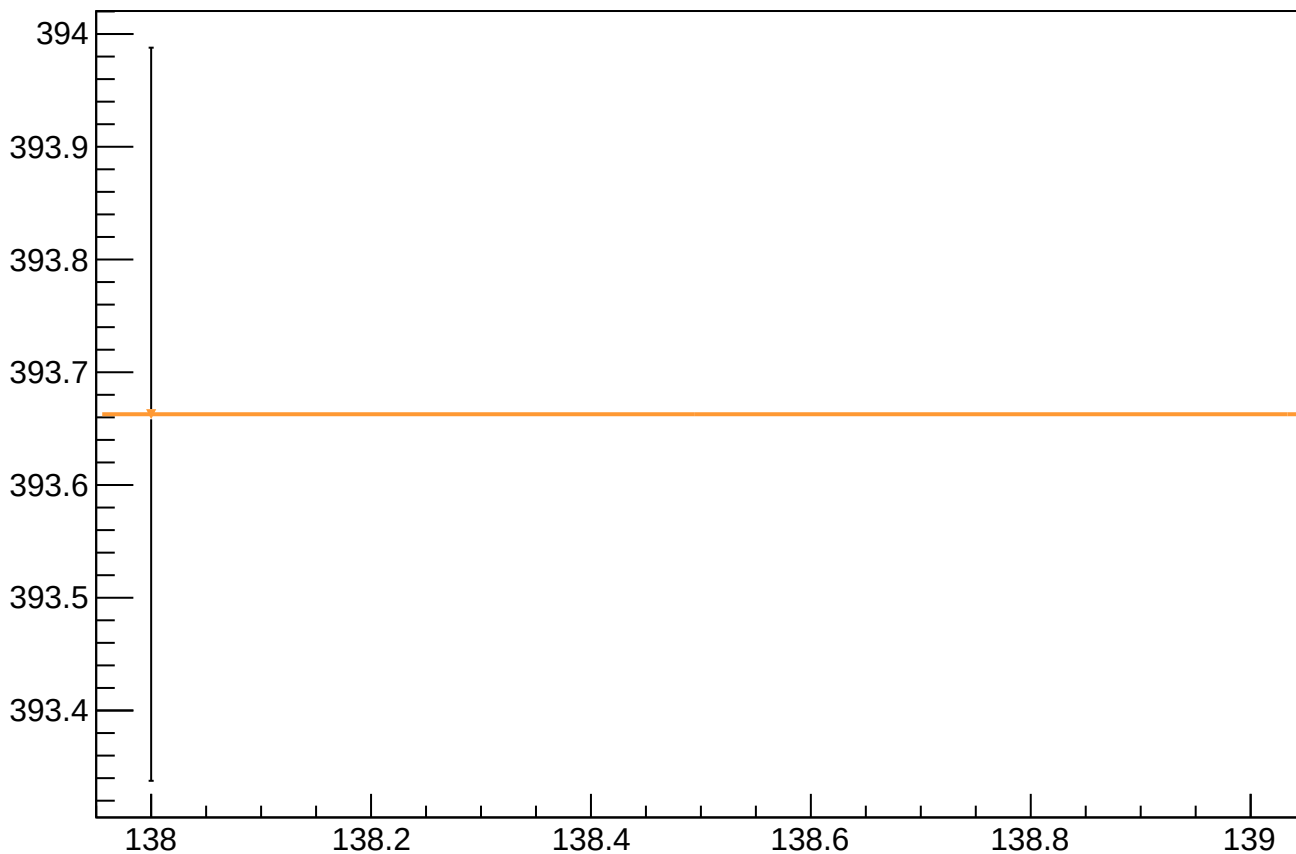
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -474.517+/-459.787 χ^2/NDF : 0.0/0

All: -474.517+/-459.787 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 393.663 $\pm$ 0.325 χ^2 /NDF:0.0/0

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

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

Left: 393.663 $\pm$ 0.325 χ^2 /NDF: 0.0/0

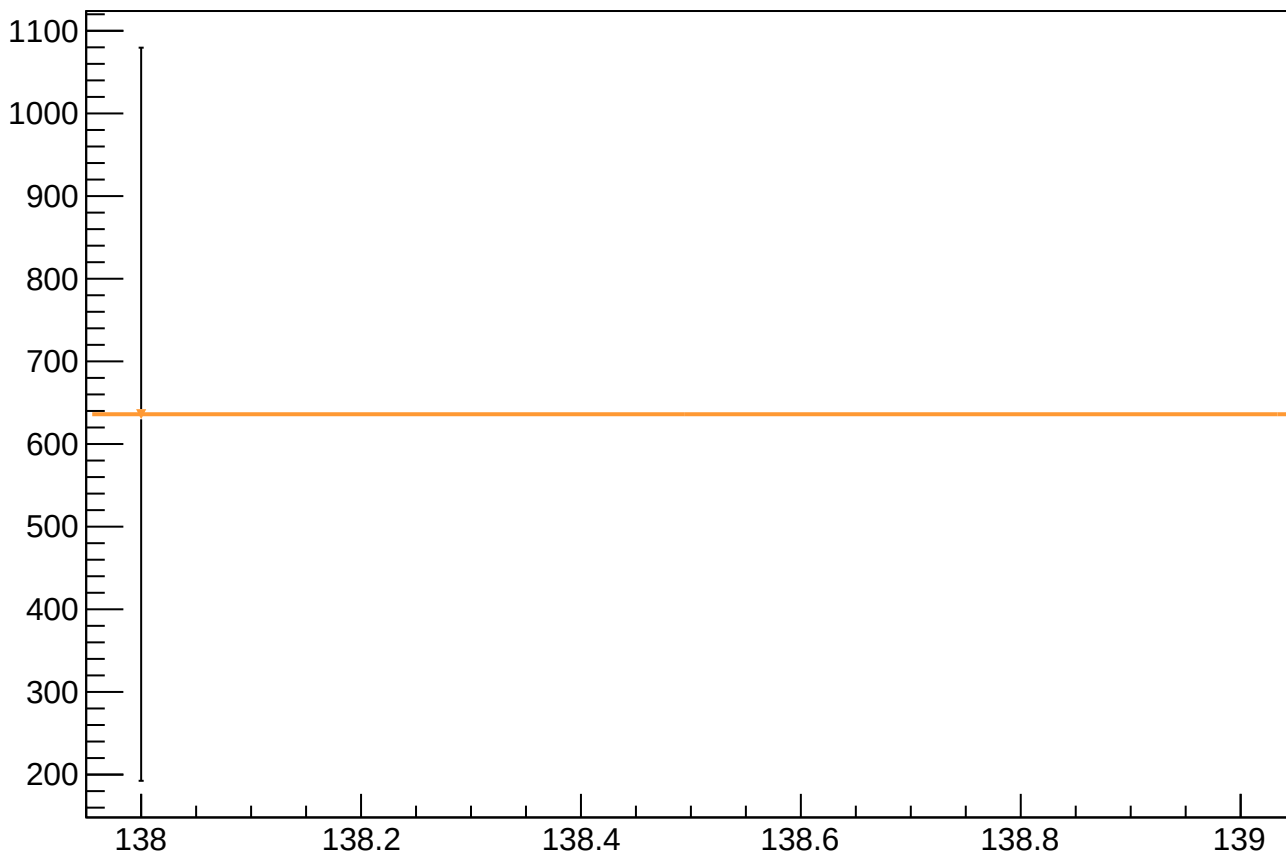
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 393.663 $\pm$ 0.325 χ^2 /NDF:0.0/0

All: 393.663 $\pm$ 0.325 χ^2 /NDF: 0.0/0

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 636.038+/-443.551 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: 636.038+/-443.551 χ^2/NDF : 0.0/0

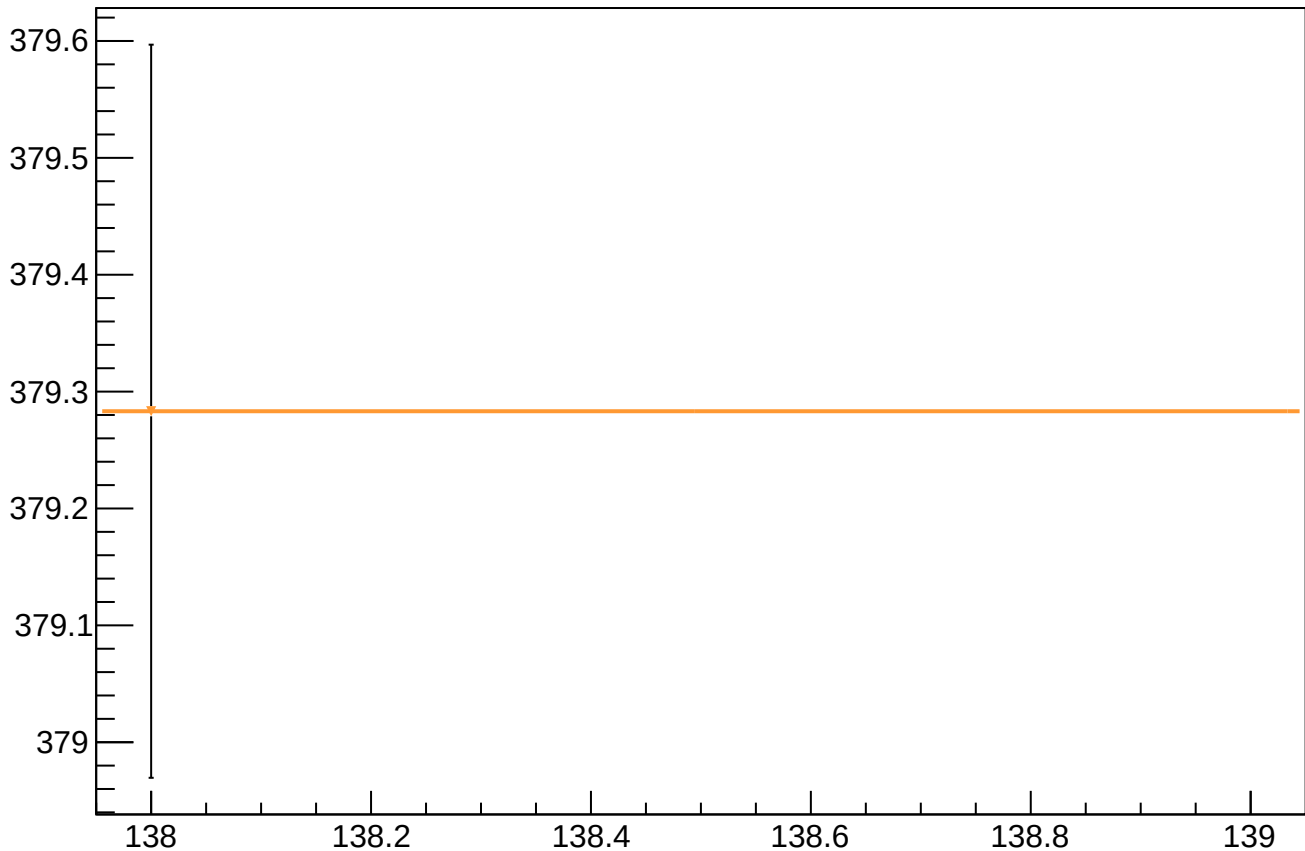
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 636.038+/-443.551 χ^2/NDF : 0.0/0

All: 636.038+/-443.551 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 379.283+/-0.314 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: 379.283+/-0.314 χ^2/NDF : 0.0/0

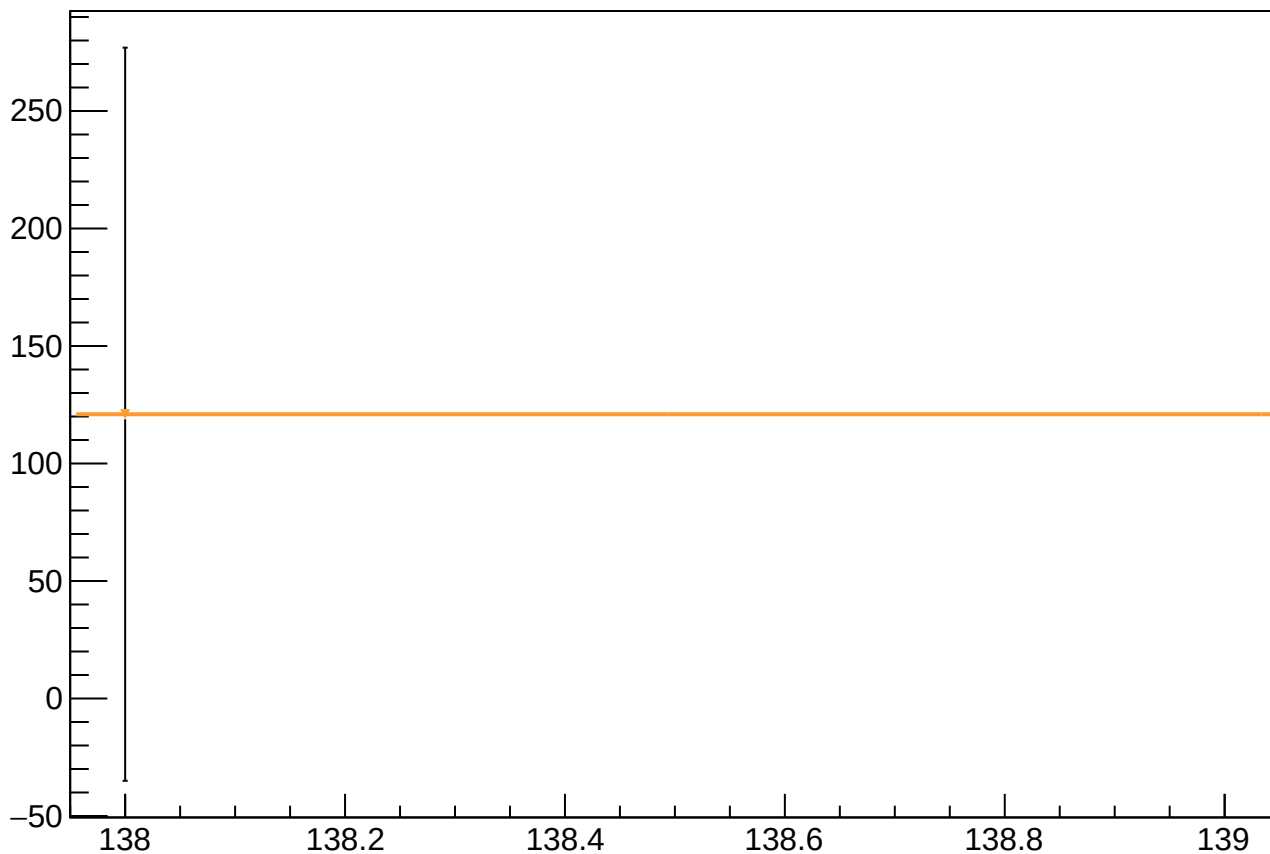
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 379.283+/-0.314 χ^2/NDF : 0.0/0

All: 379.283+/-0.314 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 120.964+/-155.986 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: 120.964+/-155.986 χ^2/NDF : 0.0/0

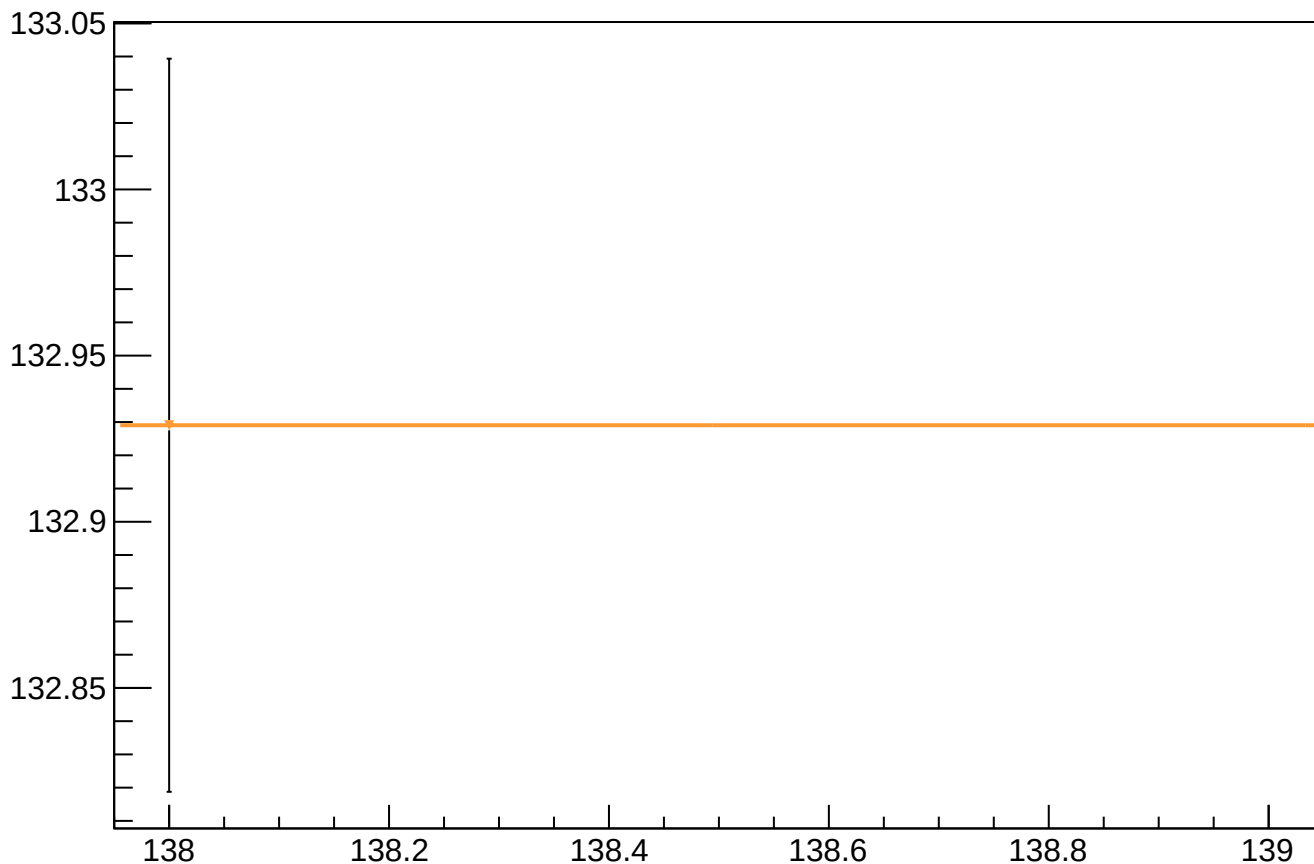
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 120.964+/-155.986 χ^2/NDF : 0.0/0

All: 120.964+/-155.986 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 132.929+/-0.110 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: 132.929+/-0.110 χ^2/NDF : 0.0/0

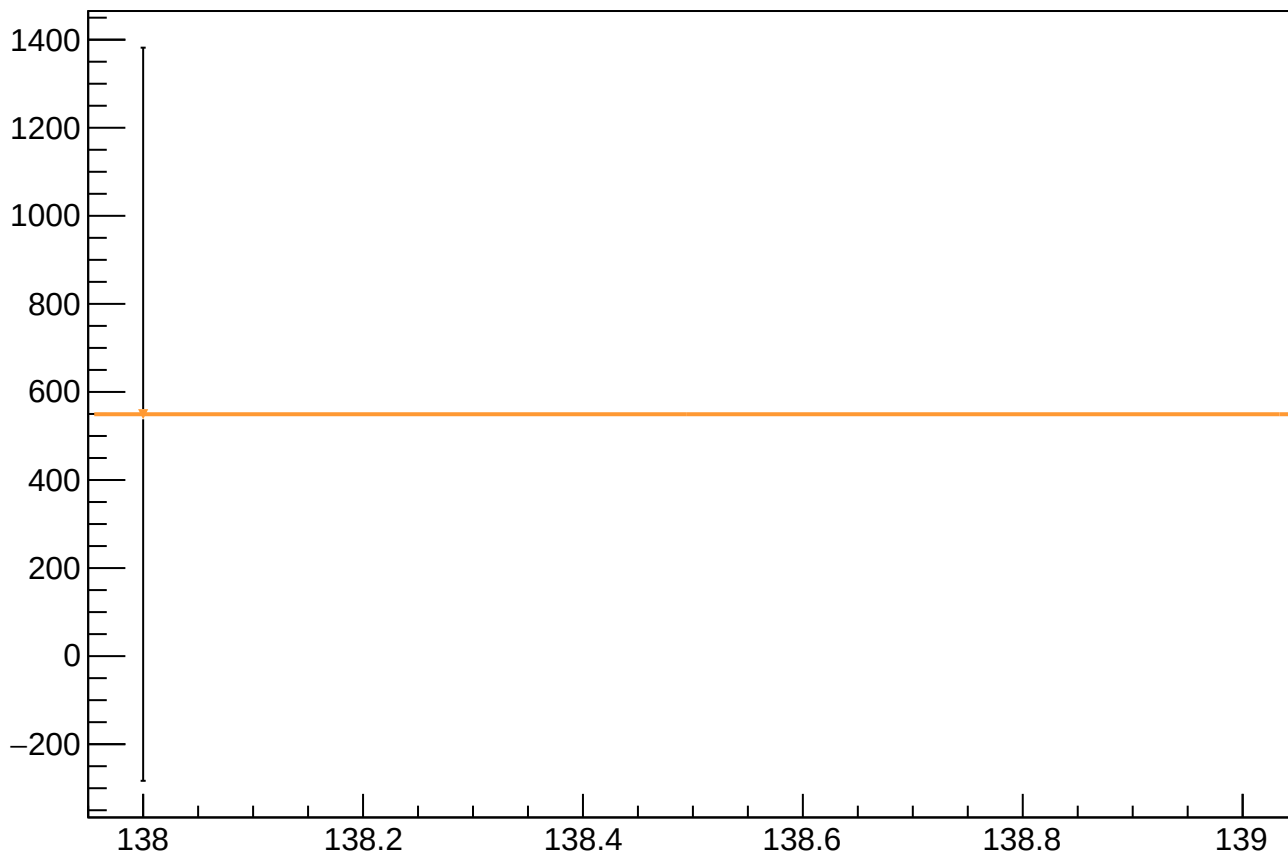
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 132.929+/-0.110 χ^2/NDF : 0.0/0

All: 132.929+/-0.110 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 549.374+/-832.513 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: 549.374+/-832.513 χ^2/NDF : 0.0/0

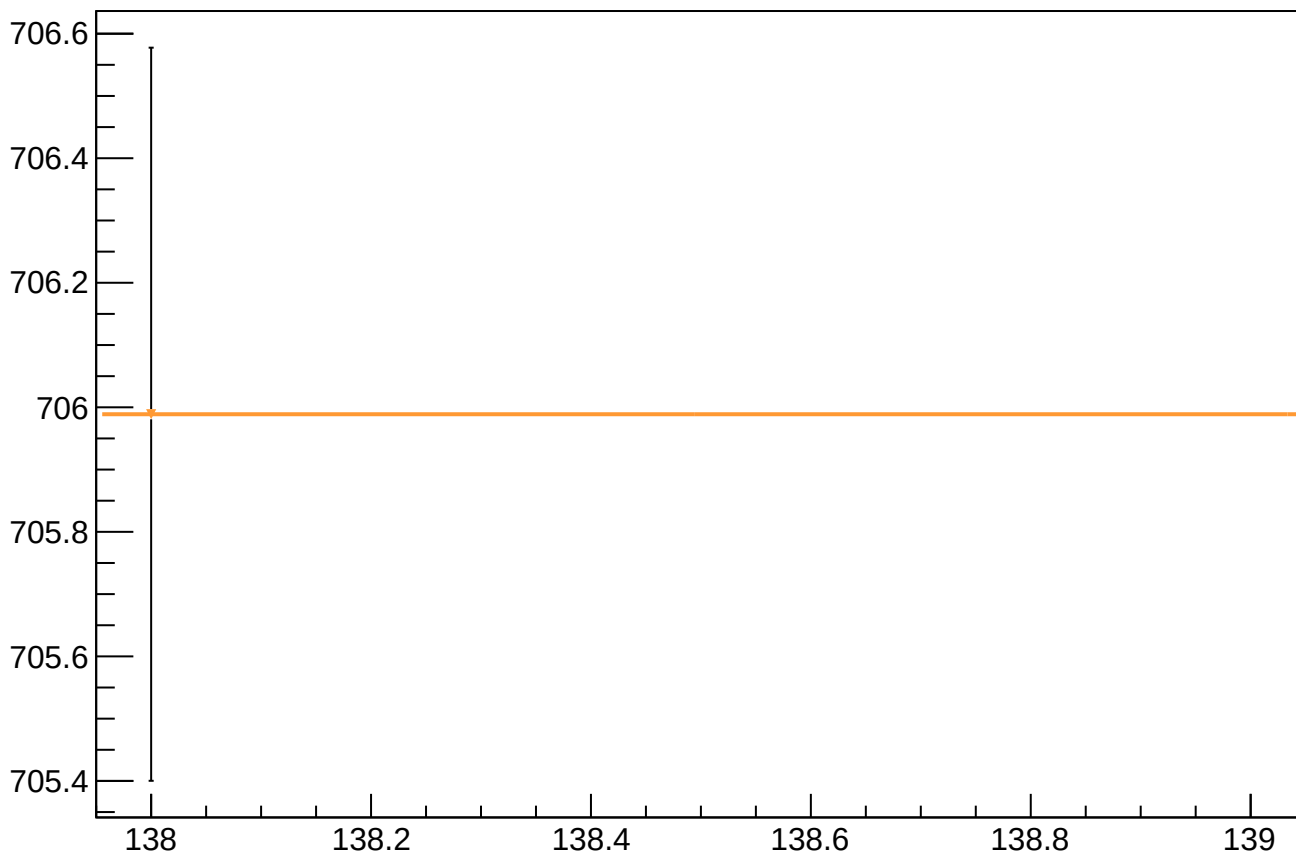
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 549.374+/-832.513 χ^2/NDF : 0.0/0

All: 549.374+/-832.513 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 705.989+/-0.589 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: 705.989+/-0.589 χ^2/NDF : 0.0/0

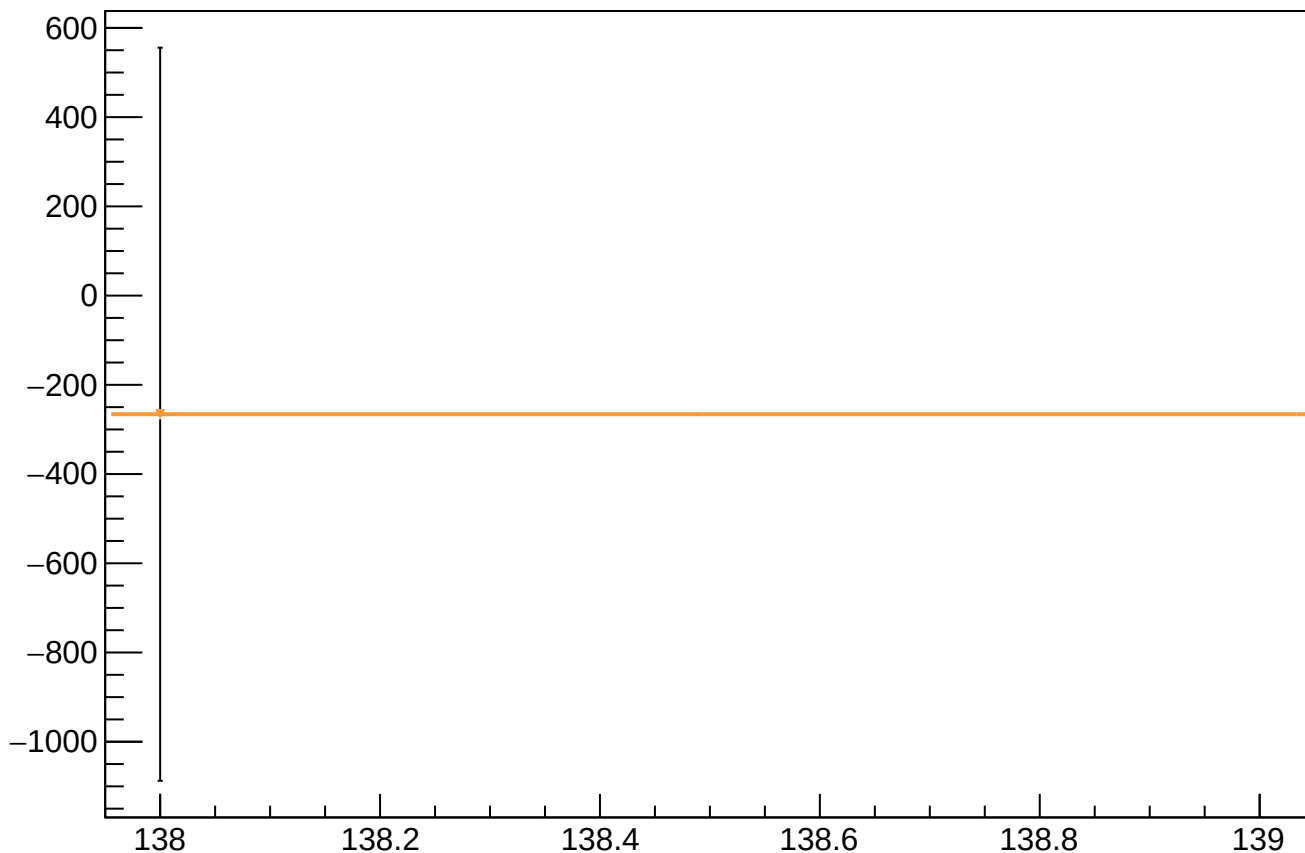
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 705.989+/-0.589 χ^2/NDF : 0.0/0

All: 705.989+/-0.589 χ^2/NDF : 0.0/0

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: -265.915+/-821.637 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: -265.915+/-821.637 χ^2/NDF : 0.0/0

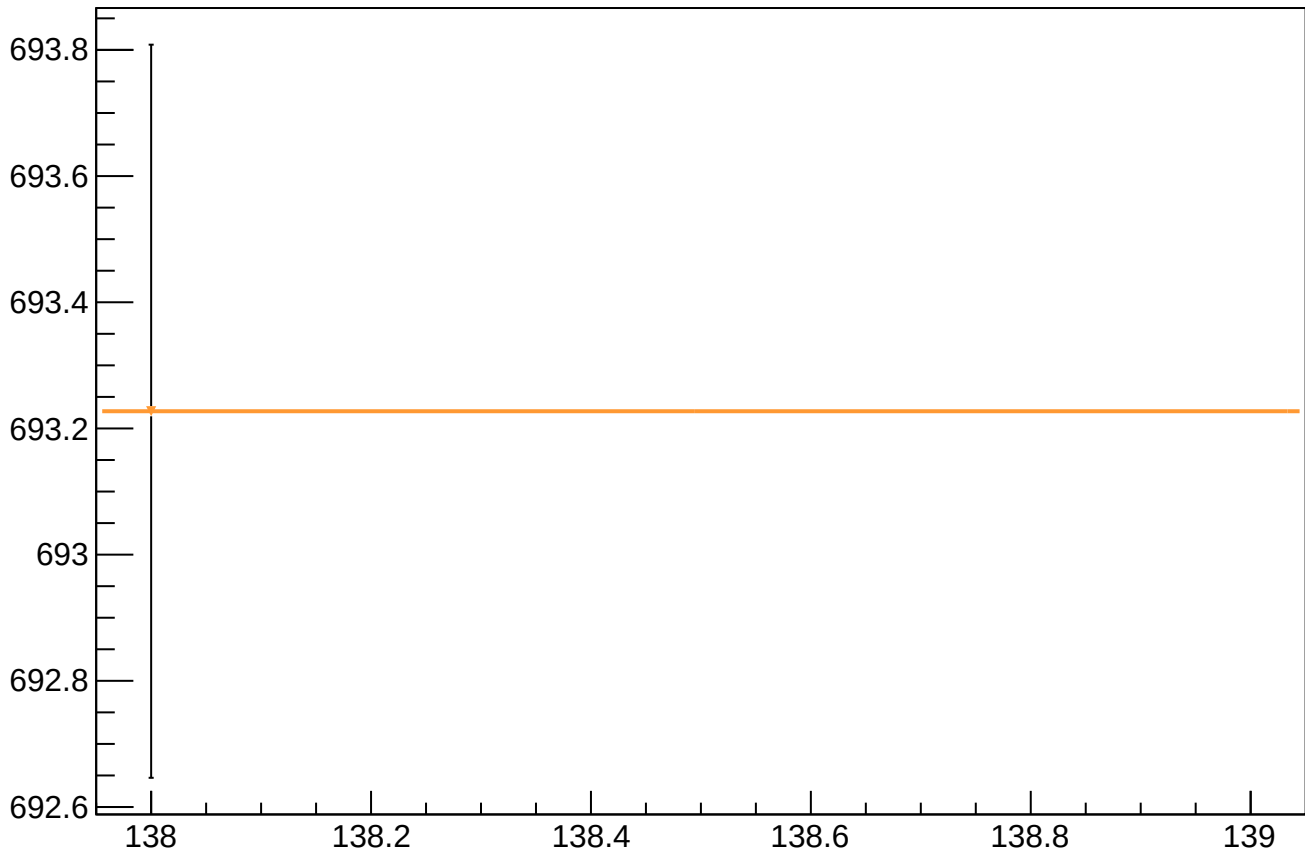
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -265.915+/-821.637 χ^2/NDF : 0.0/0

All: -265.915+/-821.637 χ^2/NDF : 0.0/0

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 693.227+/-0.581 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: 693.227+/-0.581 χ^2/NDF : 0.0/0

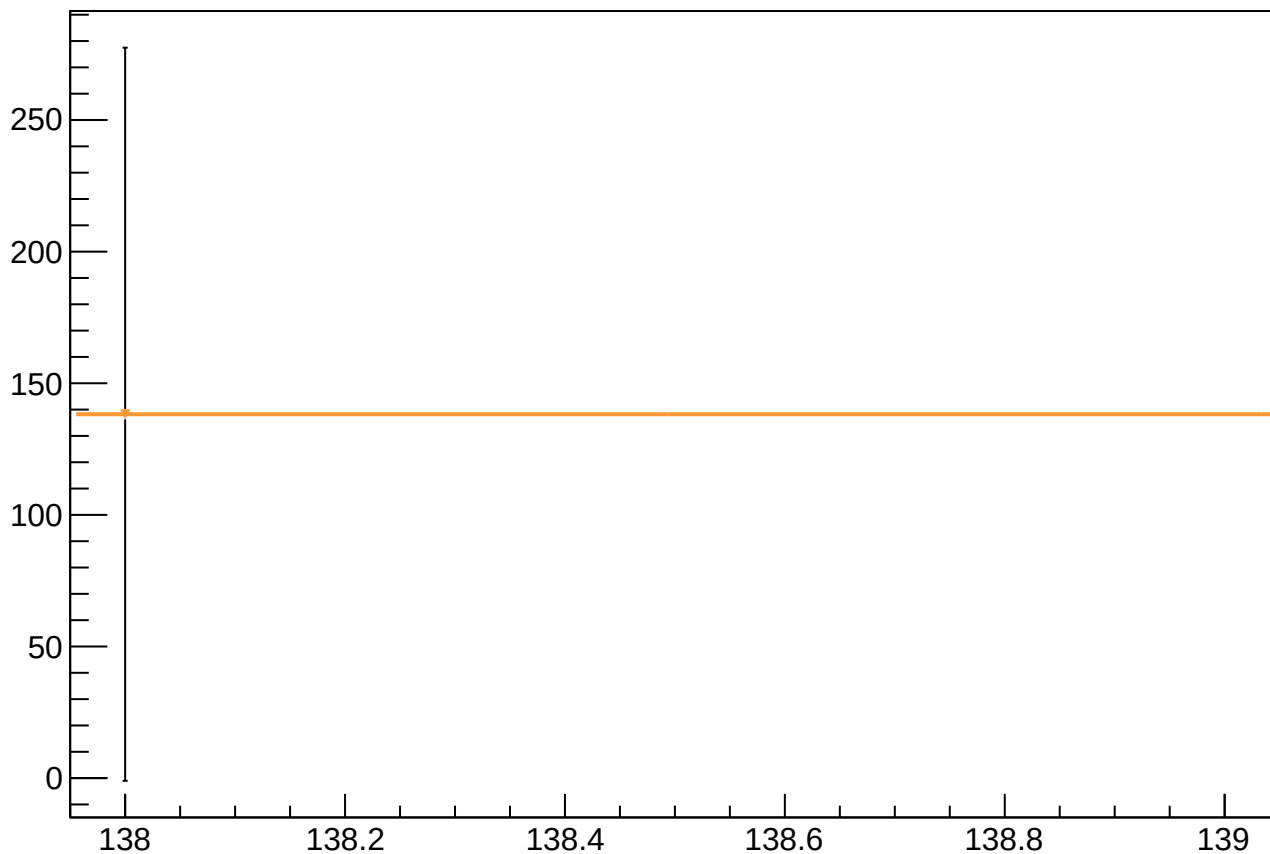
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 693.227+/-0.581 χ^2/NDF : 0.0/0

All: 693.227+/-0.581 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 138.233+/-139.251 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: 138.233+/-139.251 χ^2/NDF : 0.0/0

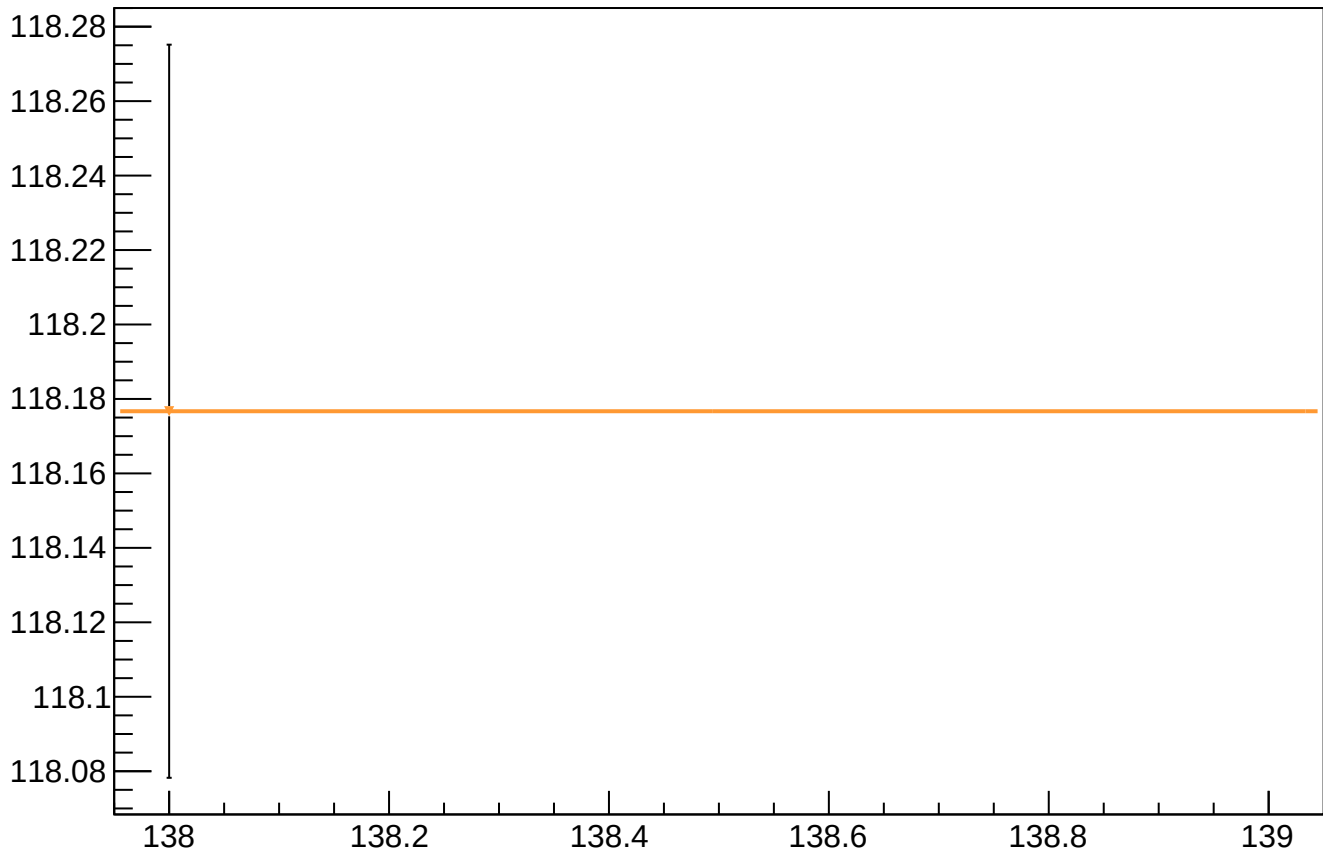
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 138.233+/-139.251 χ^2/NDF : 0.0/0

All: 138.233+/-139.251 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 118.177+/-0.098 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: 118.177+/-0.098 χ^2/NDF : 0.0/0

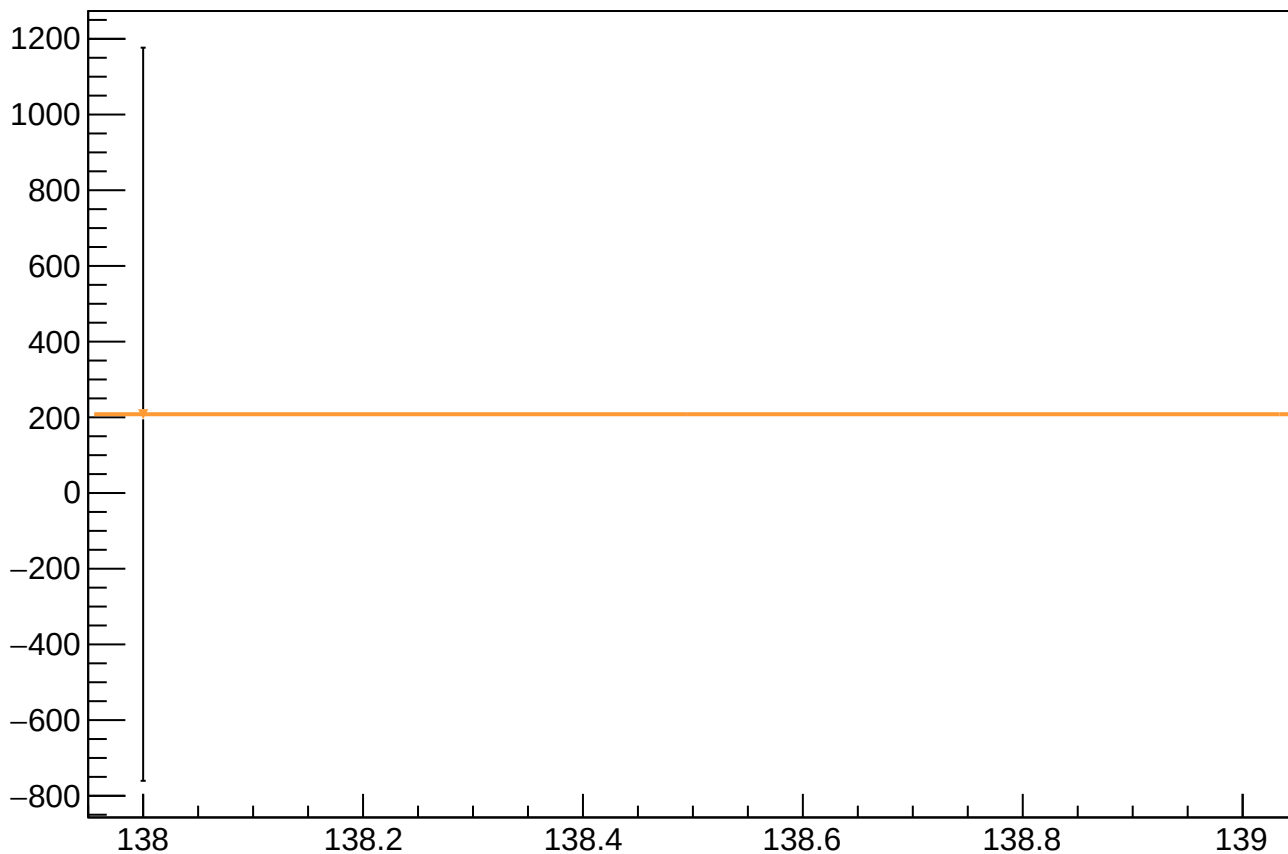
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 118.177+/-0.098 χ^2/NDF : 0.0/0

All: 118.177+/-0.098 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 208.161+/-968.521 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: 208.161+/-968.521 χ^2/NDF : 0.0/0

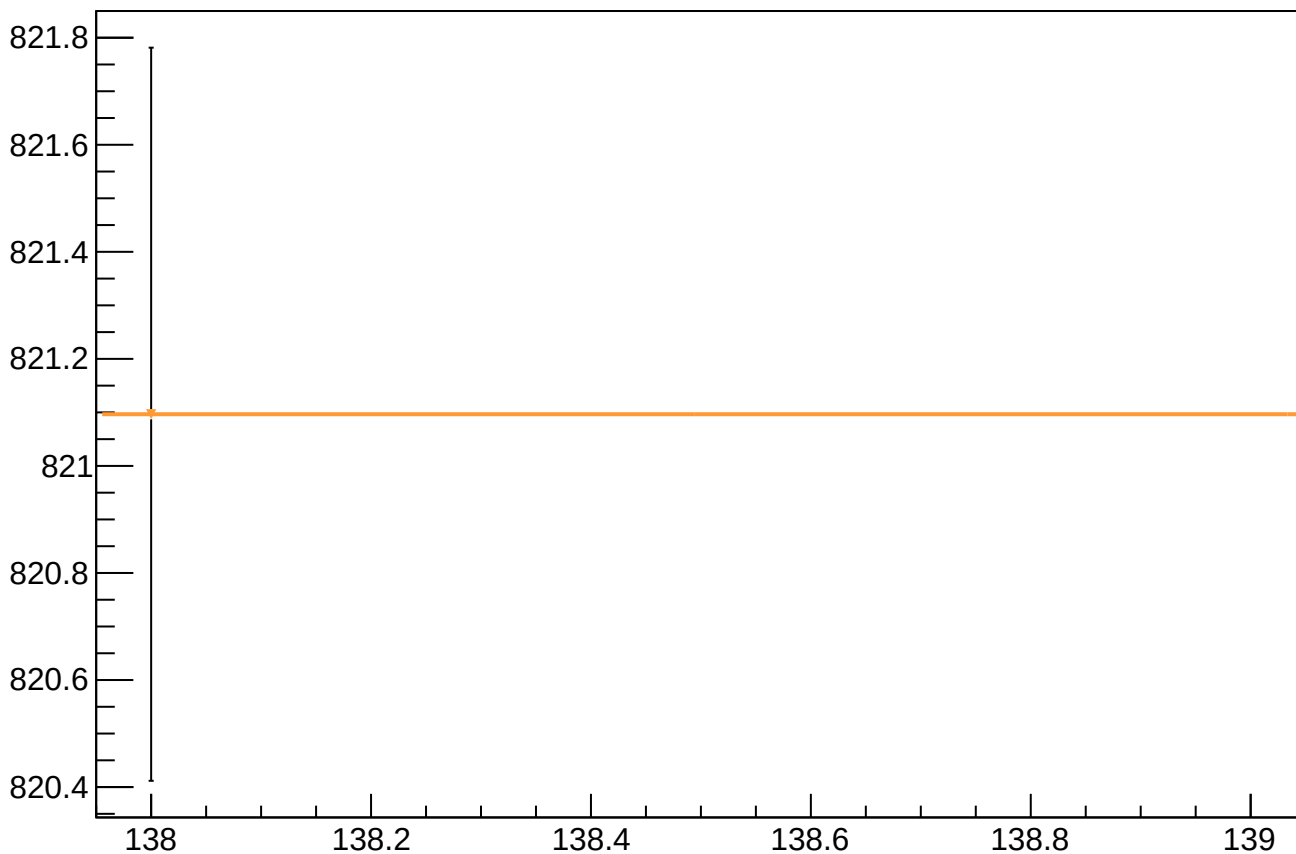
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 208.161+/-968.521 χ^2/NDF : 0.0/0

All: 208.161+/-968.521 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 821.097+/-0.685 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: 821.097+/-0.685 χ^2/NDF : 0.0/0

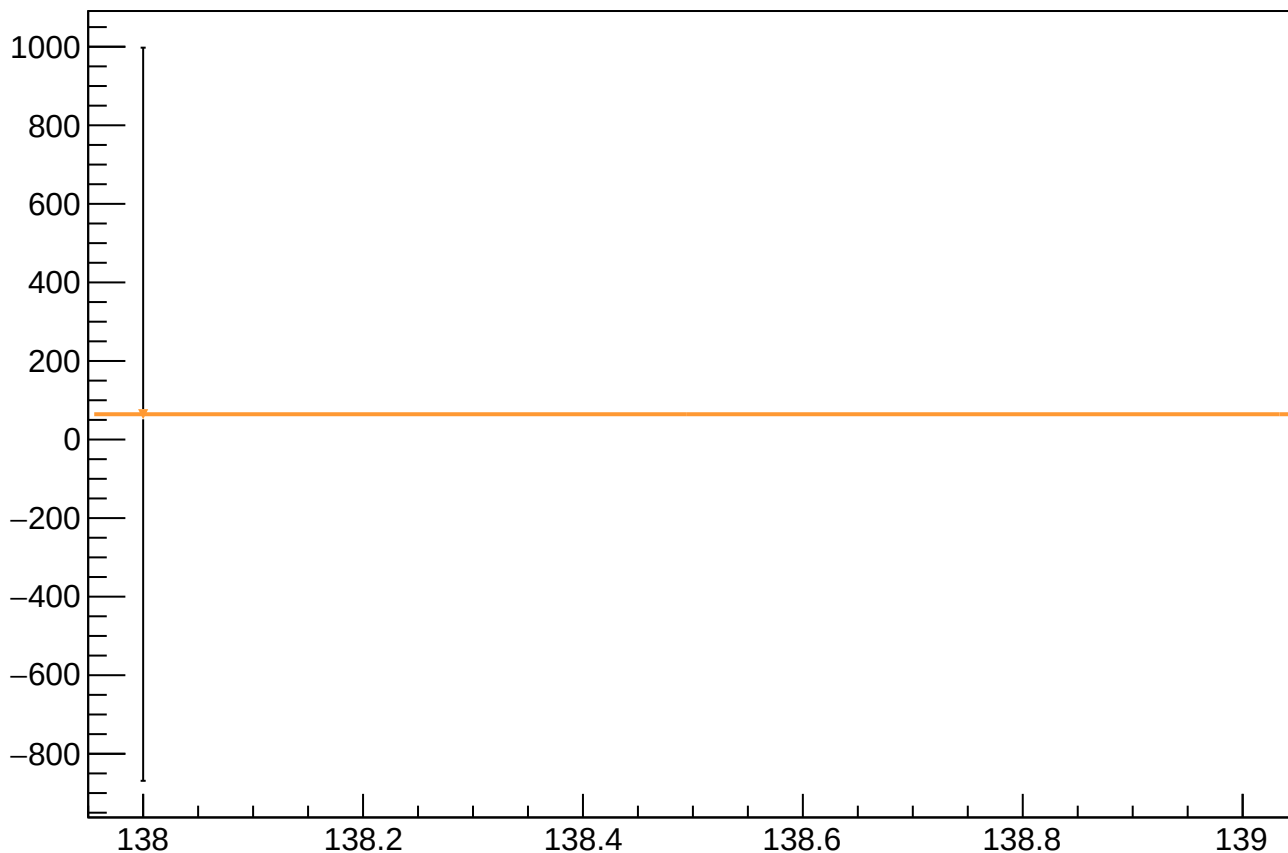
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 821.097+/-0.685 χ^2/NDF : 0.0/0

All: 821.097+/-0.685 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 64.417+/-933.207 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: 64.417+/-933.207 χ^2/NDF : 0.0/0

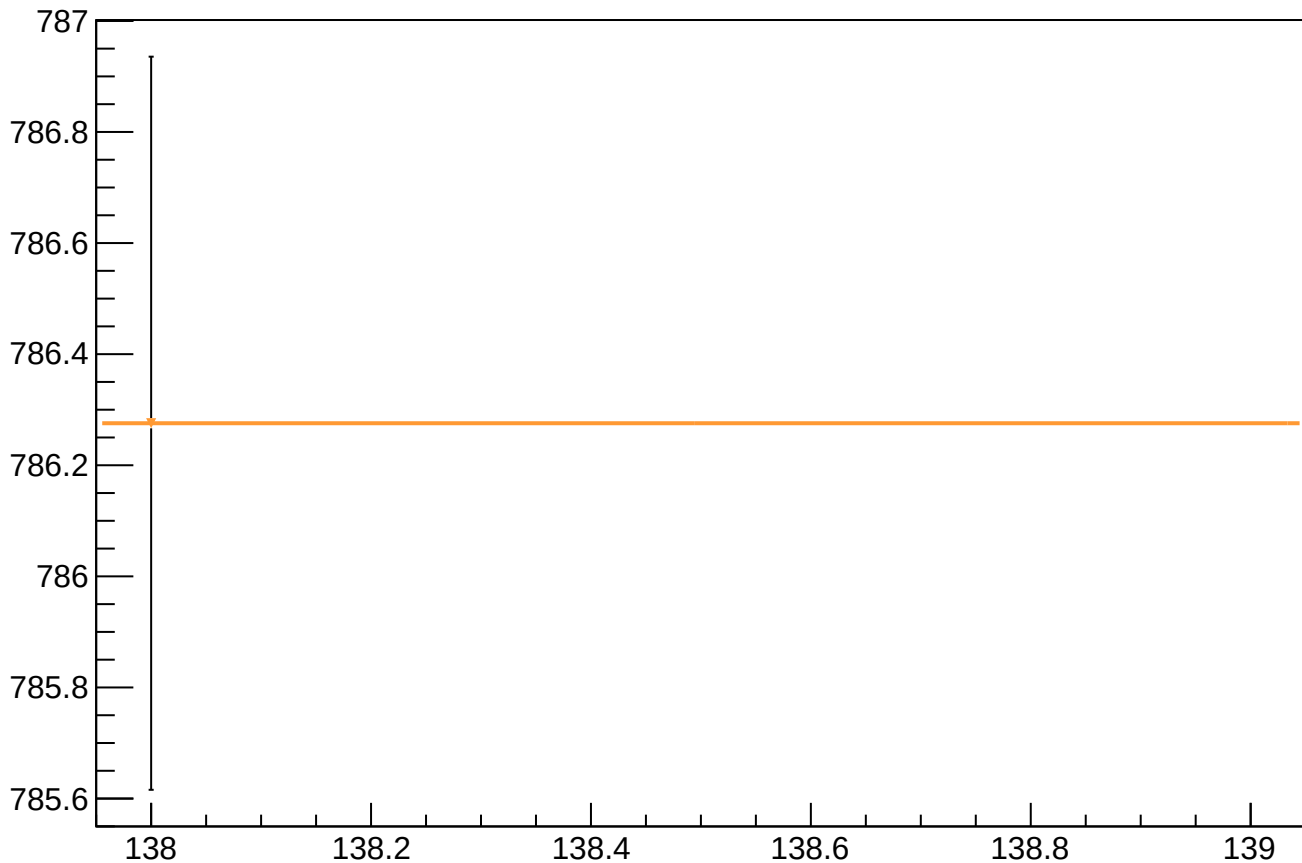
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 64.417+/-933.207 χ^2/NDF : 0.0/0

All: 64.417+/-933.207 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 786.276+/-0.660 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: 786.276+/-0.660 χ^2/NDF : 0.0/0

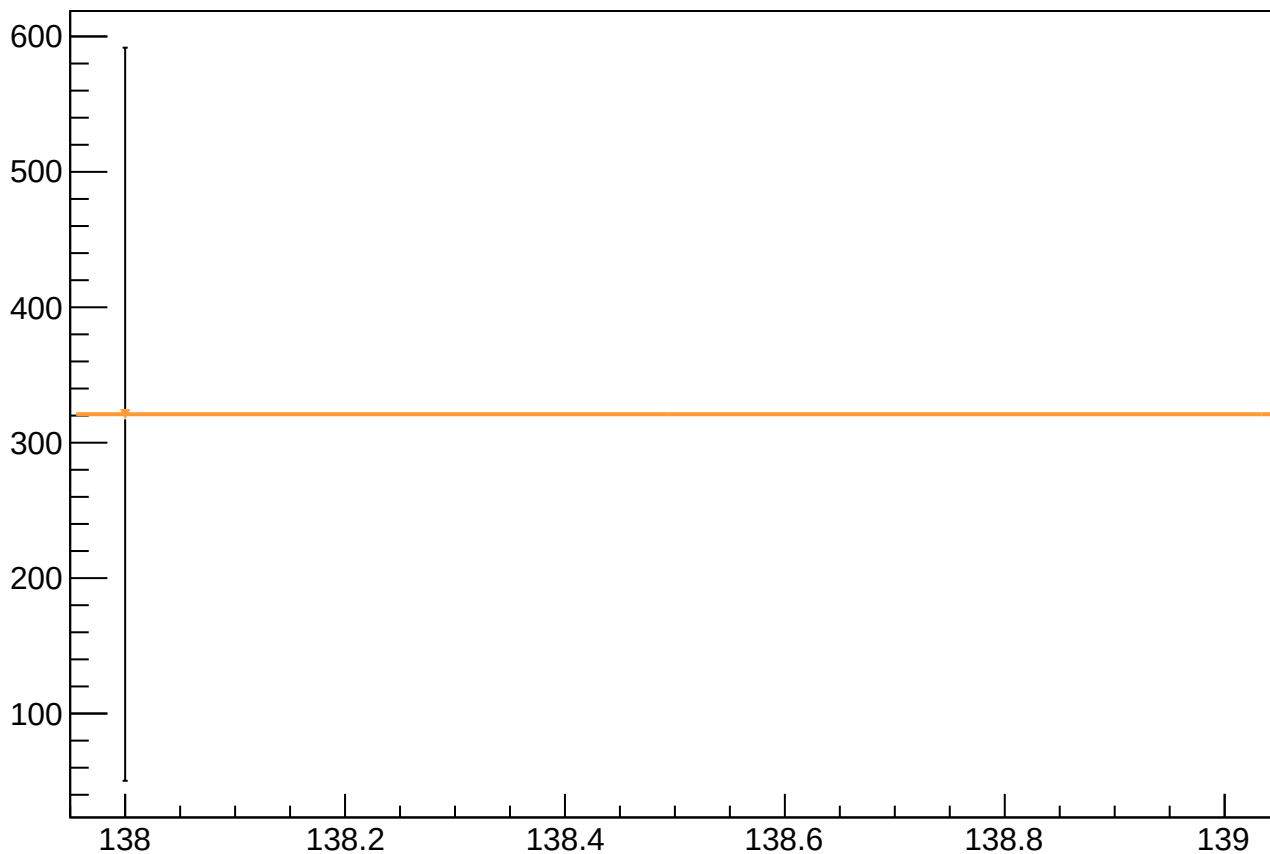
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 786.276+/-0.660 χ^2/NDF : 0.0/0

All: 786.276+/-0.660 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 321.021+/-270.693 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: 321.021+/-270.693 χ^2/NDF : 0.0/0

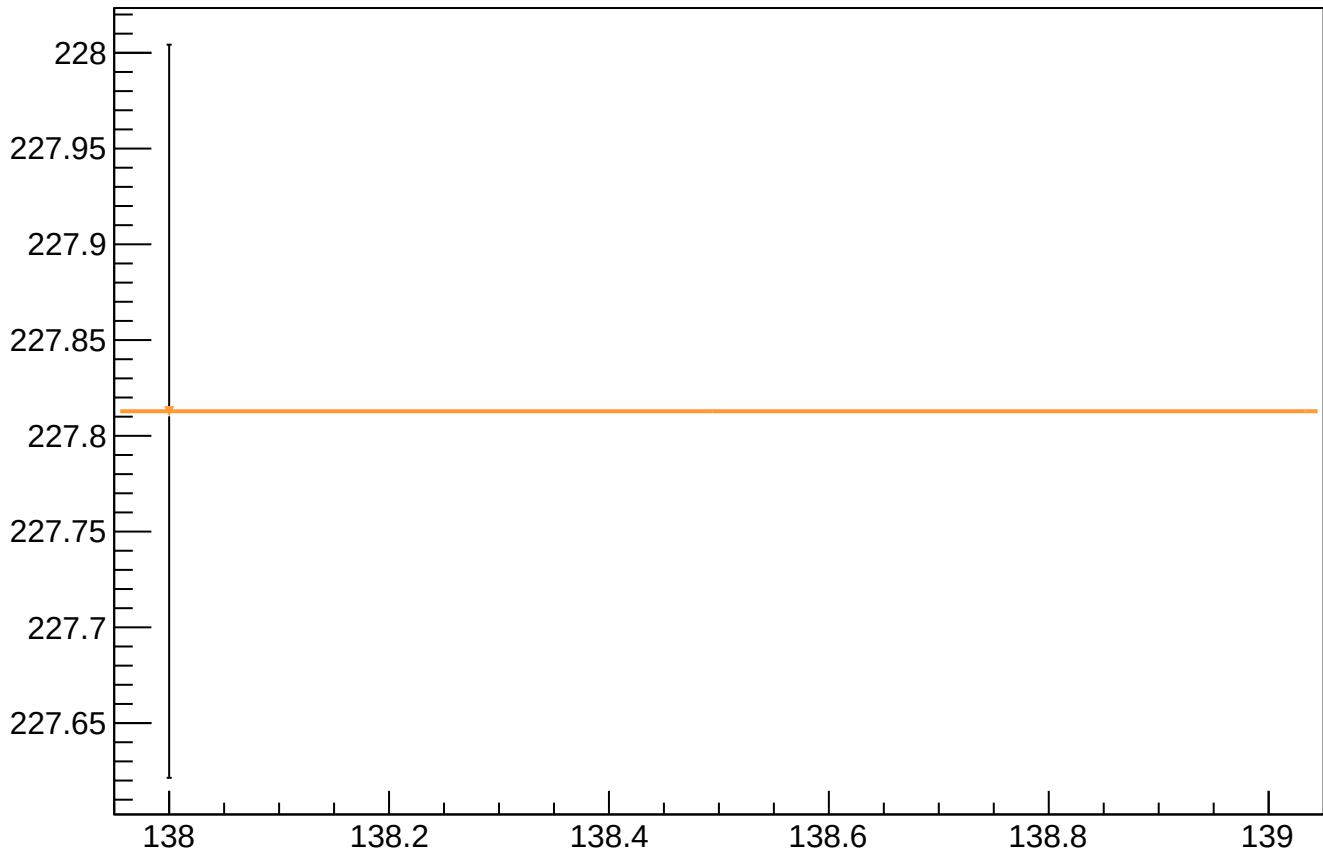
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 321.021+/-270.693 χ^2/NDF : 0.0/0

All: 321.021+/-270.693 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 227.813+/-0.191 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: 227.813+/-0.191 χ^2/NDF : 0.0/0

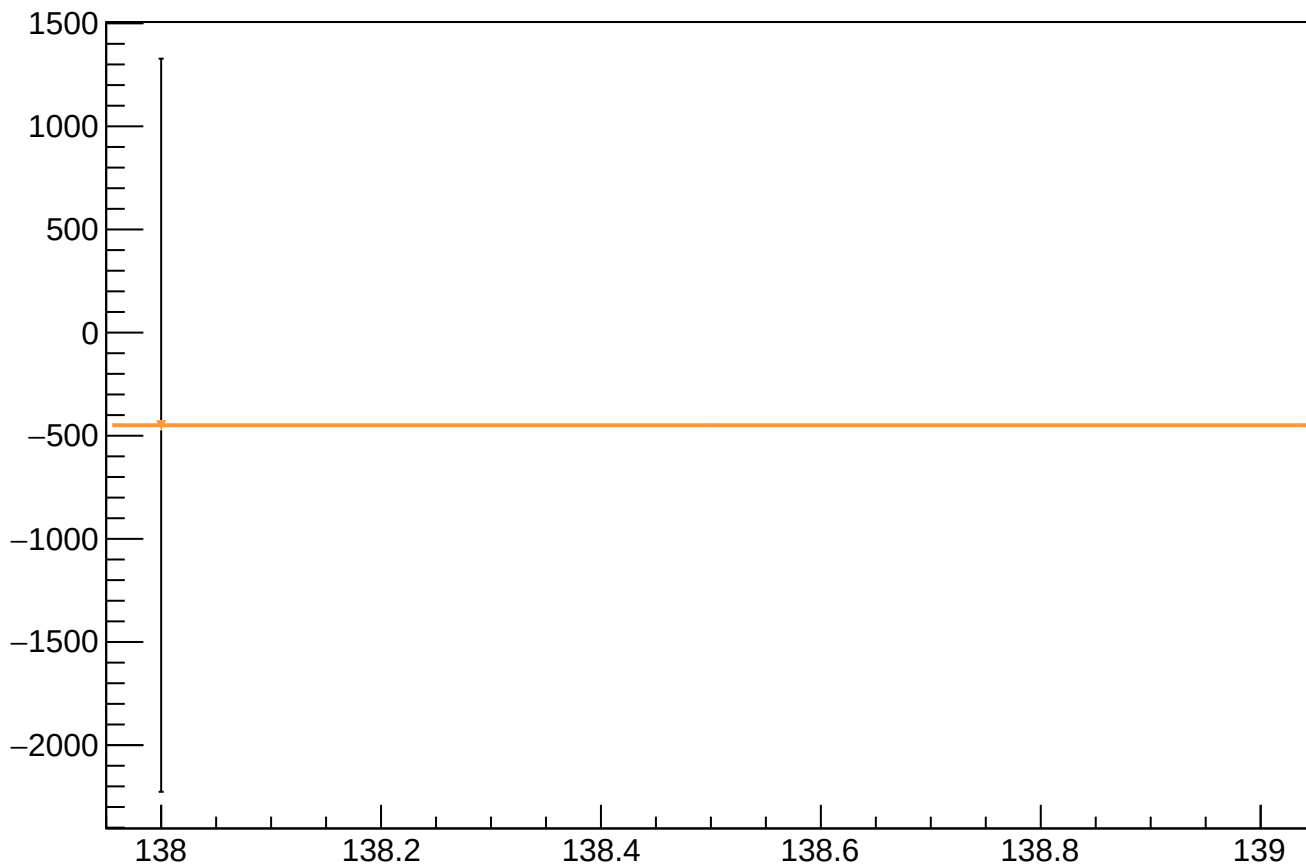
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 227.813+/-0.191 χ^2/NDF : 0.0/0

All: 227.813+/-0.191 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -449.122+/-1777.160 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: -449.122+/-1777.160 χ^2/NDF : 0.0/0

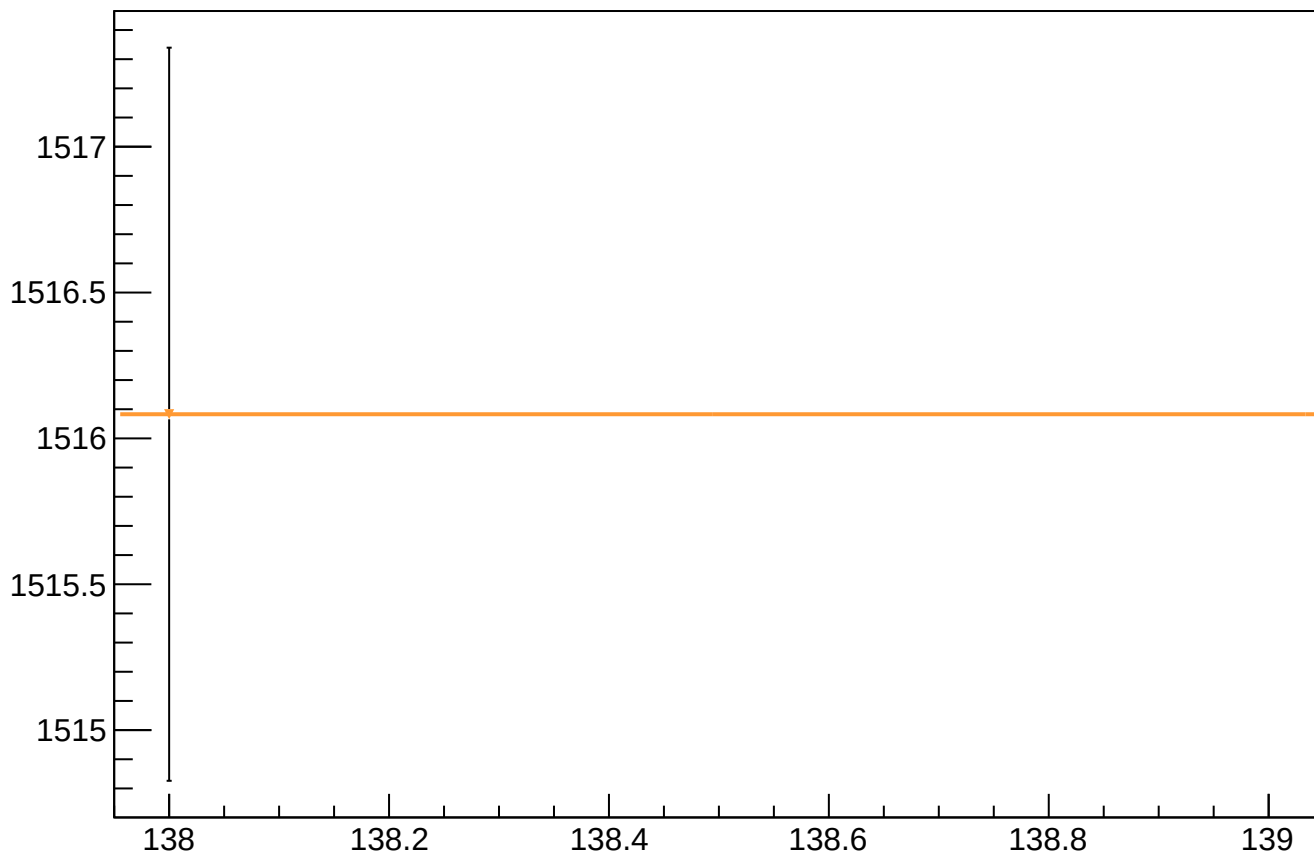
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -449.122+/-1777.160 χ^2/NDF : 0.0/0

All: -449.122+/-1777.160 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1516.083+/-1.257 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: 1516.083+/-1.257 χ^2/NDF : 0.0/0

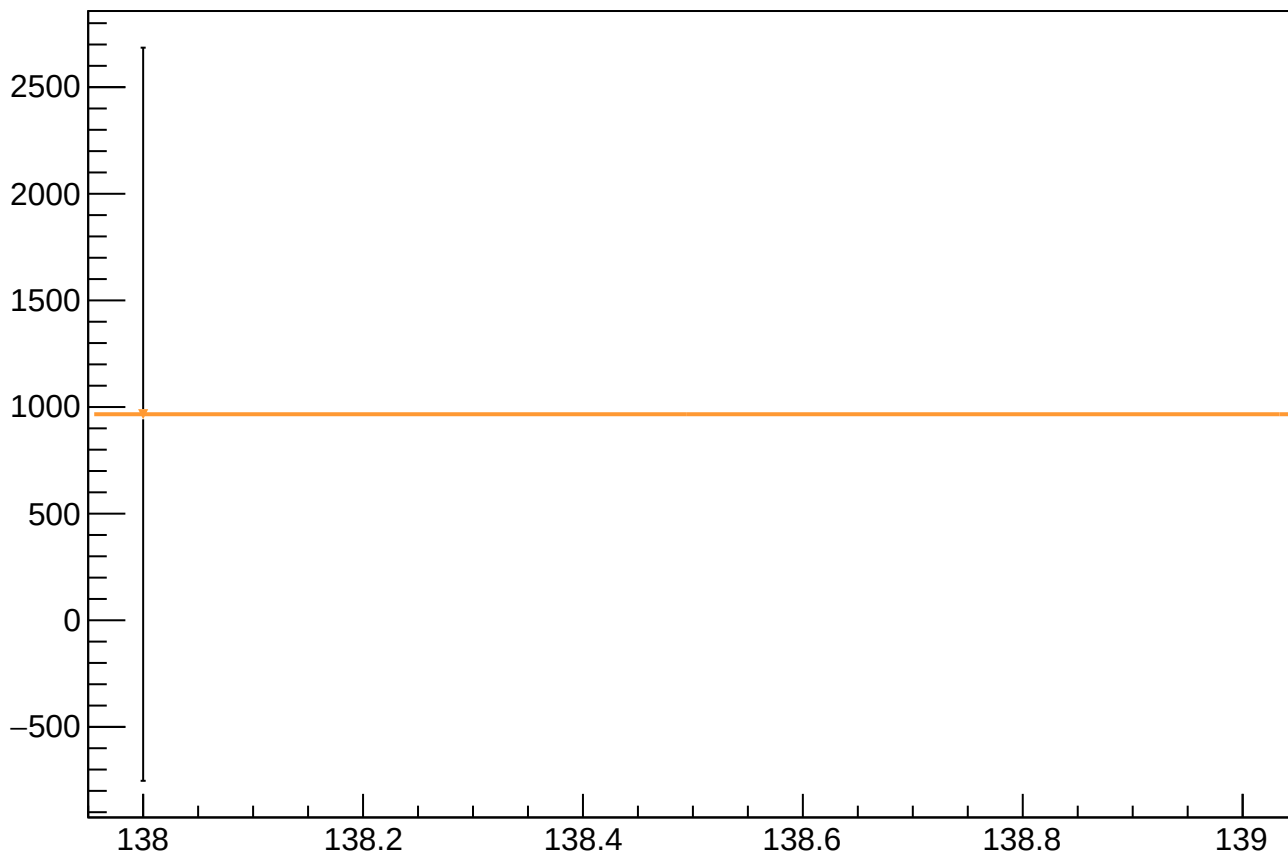
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1516.083+/-1.257 χ^2/NDF : 0.0/0

All: 1516.083+/-1.257 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 966.214+/-1718.961 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: 966.214+/-1718.961 χ^2/NDF : 0.0/0

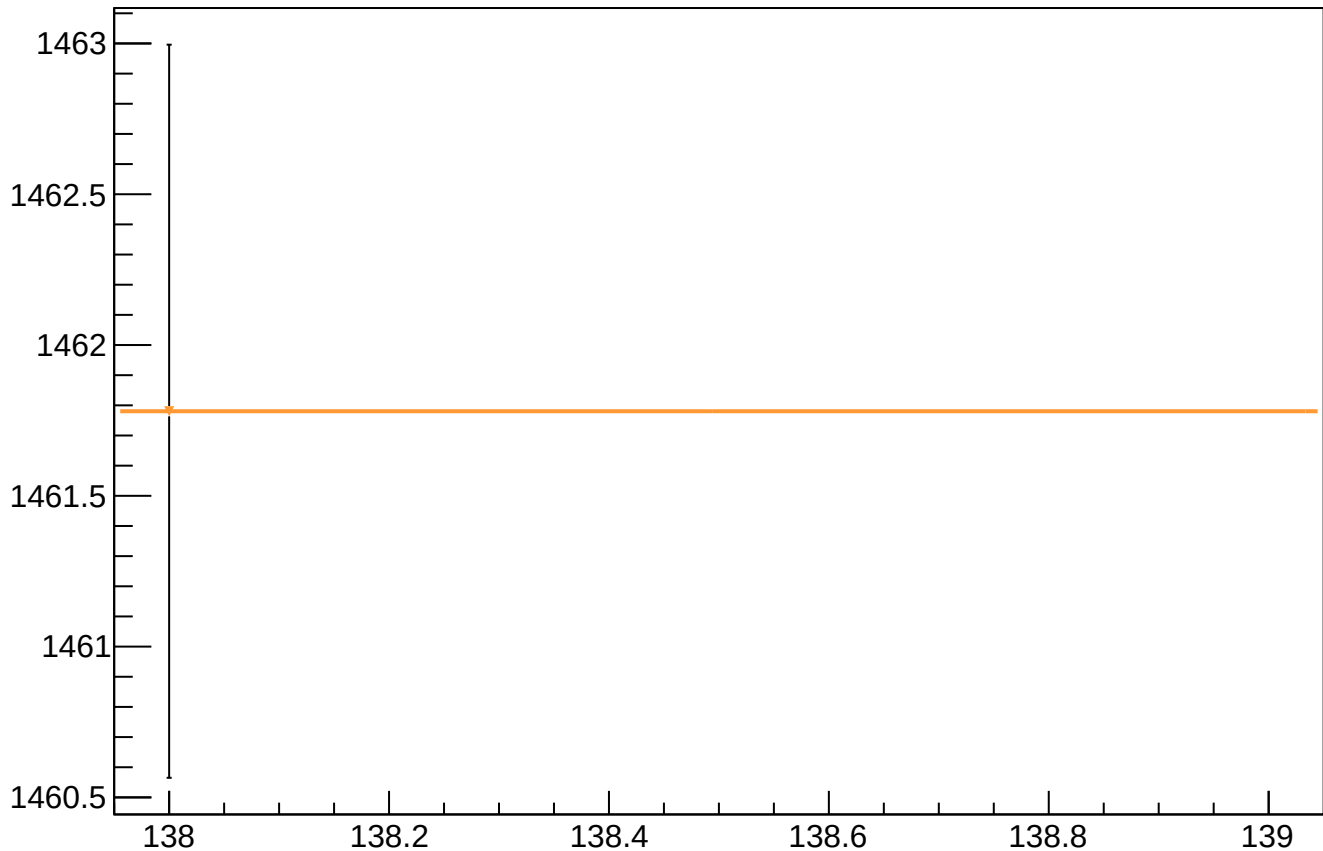
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 966.214+/-1718.961 χ^2/NDF : 0.0/0

All: 966.214+/-1718.961 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1461.780+/-1.215 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: 1461.780+/-1.215 χ^2/NDF : 0.0/0

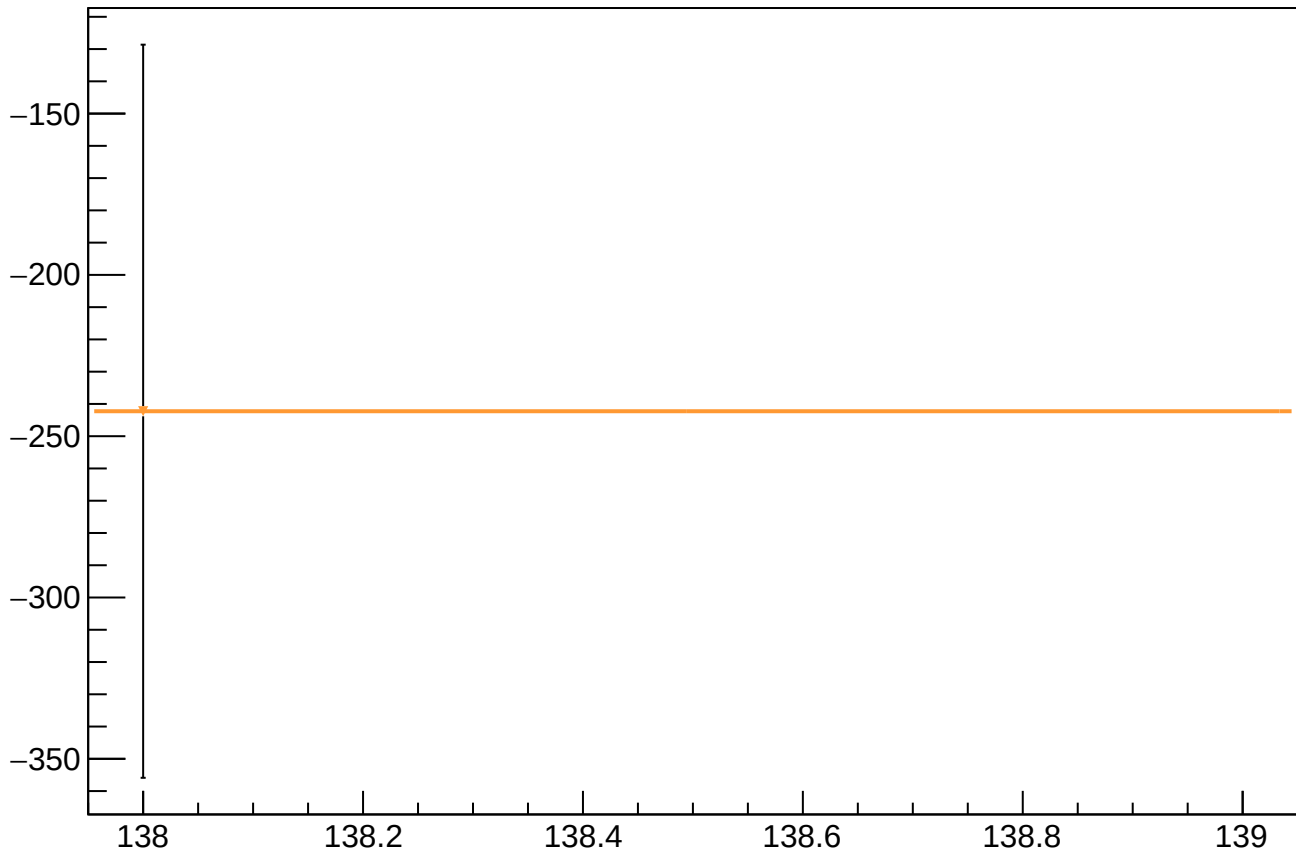
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1461.780+/-1.215 χ^2/NDF : 0.0/0

All: 1461.780+/-1.215 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -242.262+/-113.625 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: -242.262+/-113.625 χ^2/NDF : 0.0/0

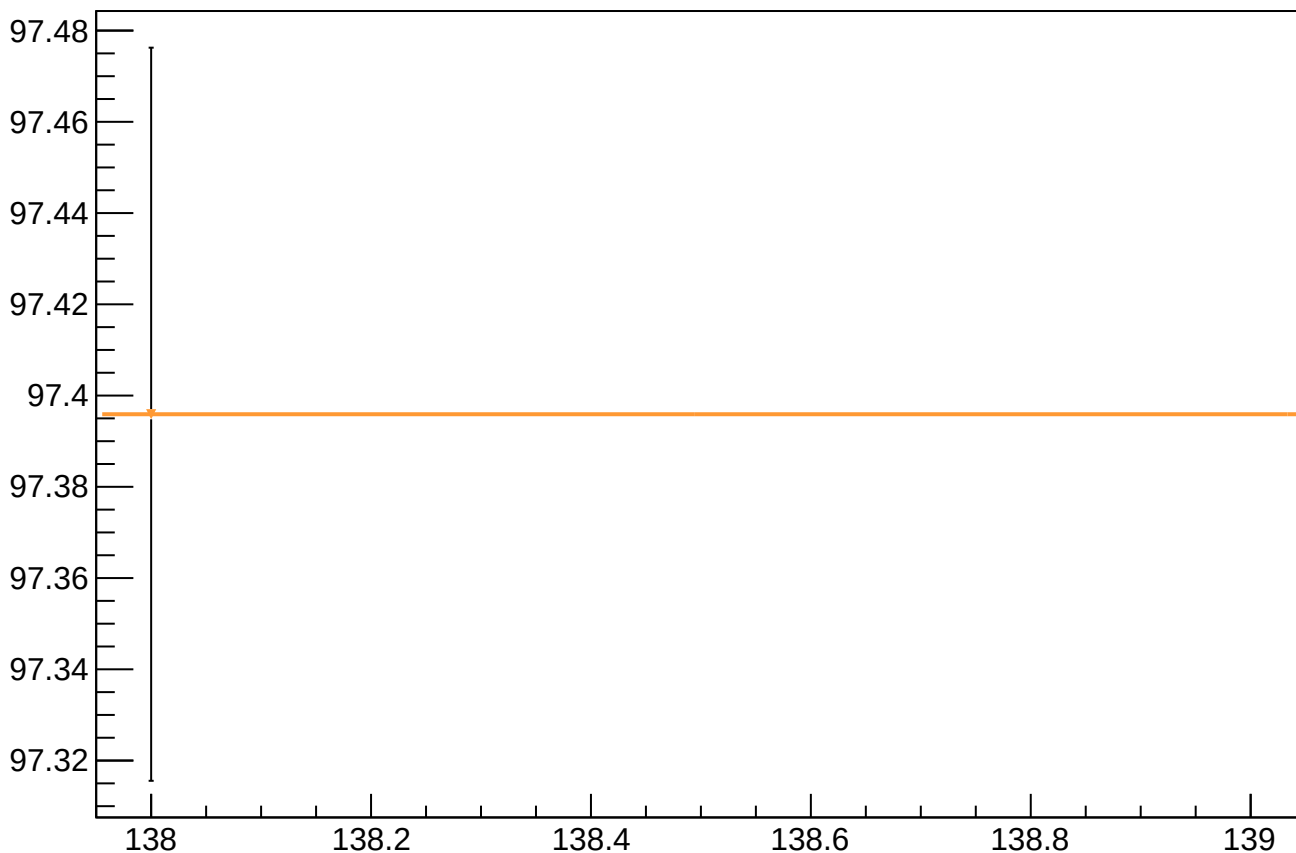
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -242.262+/-113.625 χ^2/NDF : 0.0/0

All: -242.262+/-113.625 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 97.396 $\pm$ 0.080 χ^2 /NDF:0.0/0

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

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

Left: 97.396 $\pm$ 0.080 χ^2 /NDF: 0.0/0

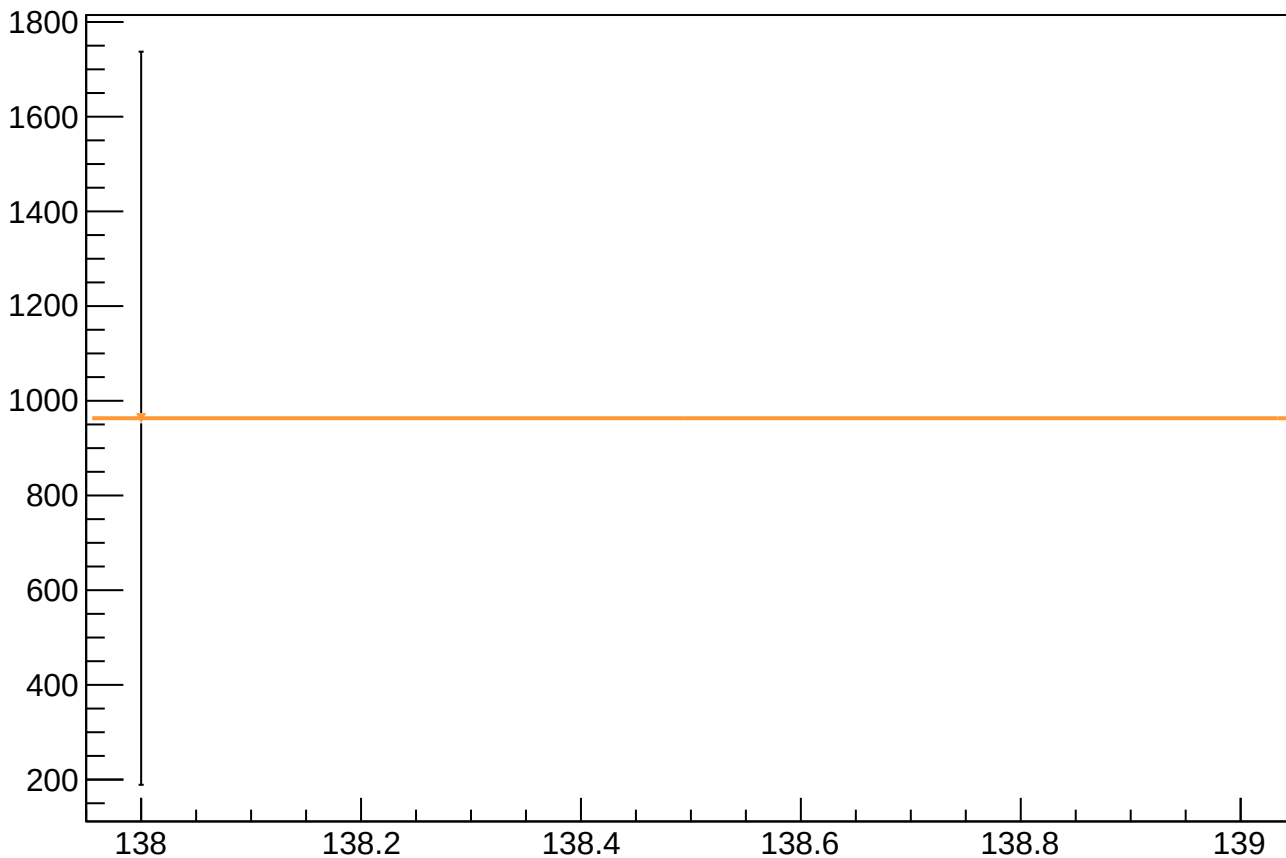
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 97.396 $\pm$ 0.080 χ^2 /NDF:0.0/0

All: 97.396 $\pm$ 0.080 χ^2 /NDF: 0.0/0

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 963.150+/-774.173 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: 963.150+/-774.173 χ^2/NDF : 0.0/0

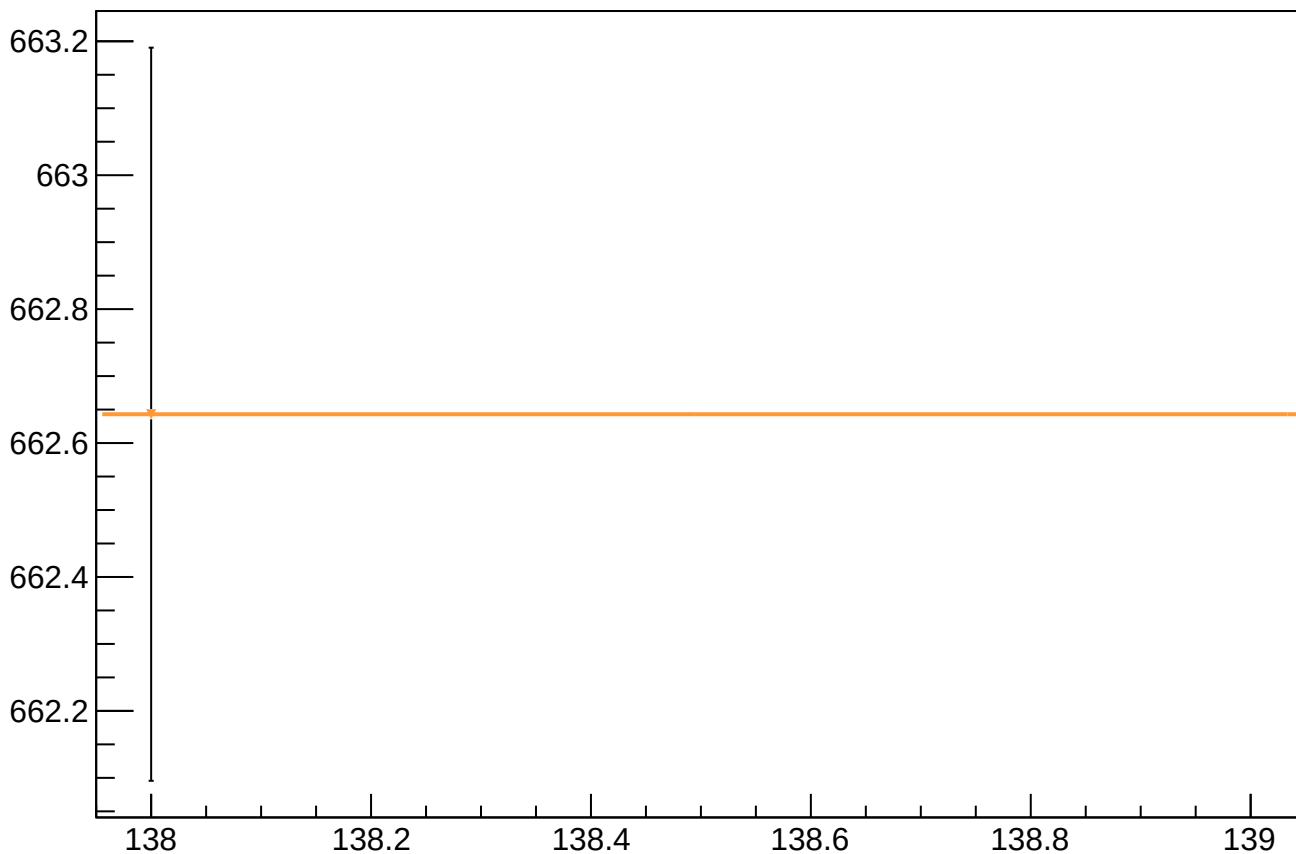
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 963.150+/-774.173 χ^2/NDF : 0.0/0

All: 963.150+/-774.173 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 662.643+/-0.547 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: 662.643+/-0.547 χ^2/NDF : 0.0/0

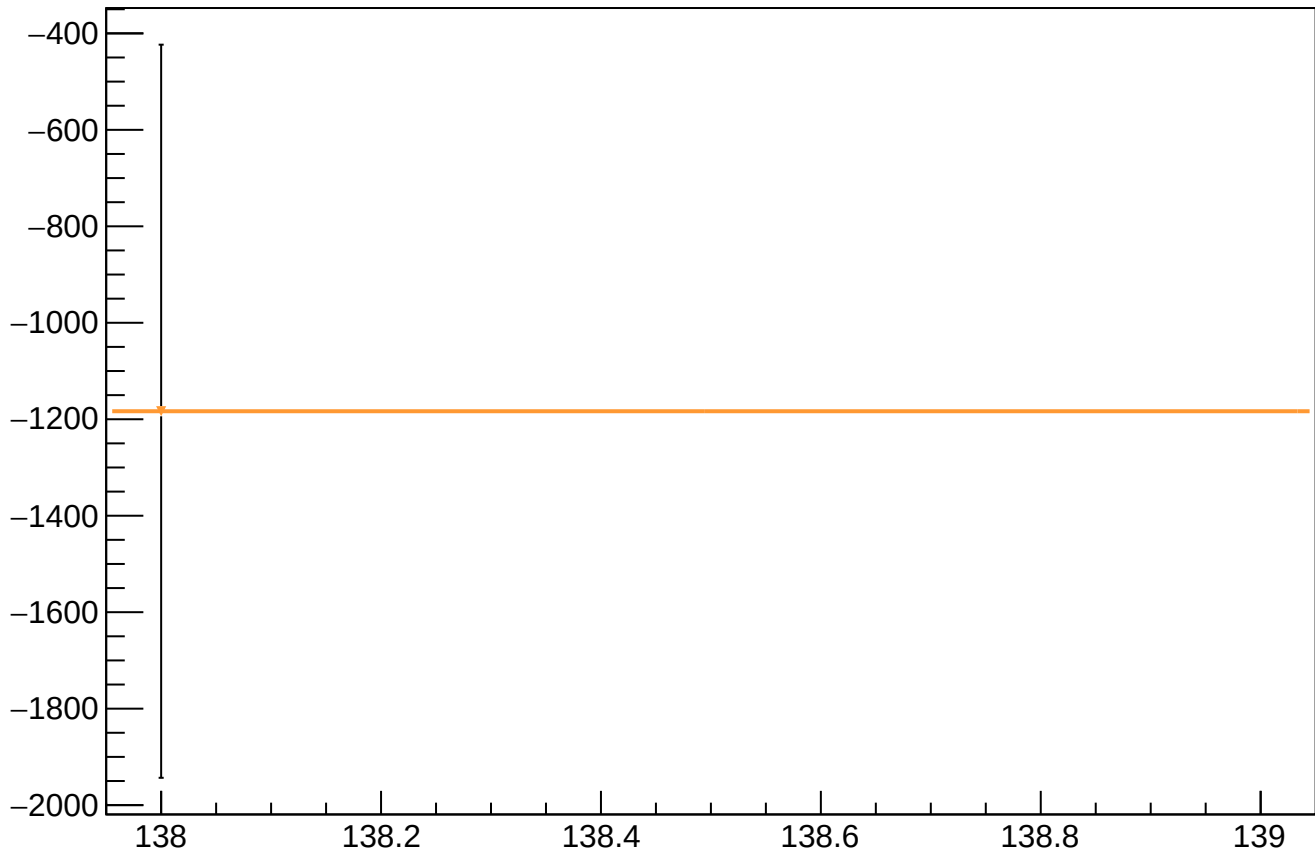
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 662.643+/-0.547 χ^2/NDF : 0.0/0

All: 662.643+/-0.547 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -1183.379 ± 759.960 $\chi^2/NDF: 0.0/0$

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

Left In: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Left: -1183.379 ± 759.960 $\chi^2/NDF: 0.0/0$

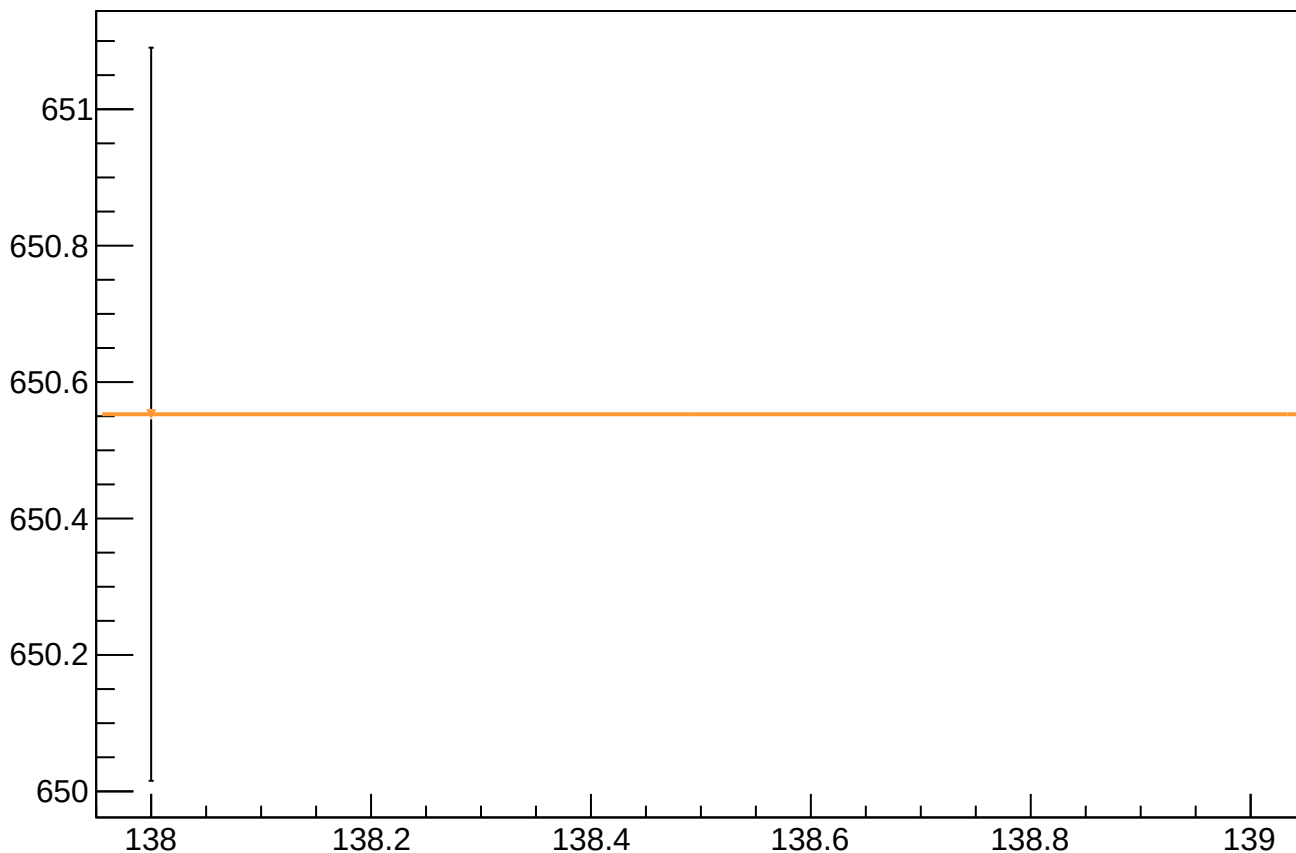
Right: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

In: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Out: -1183.379 ± 759.960 $\chi^2/NDF: 0.0/0$

All: -1183.379 ± 759.960 $\chi^2/NDF: 0.0/0$

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 650.553+/-0.537 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: 650.553+/-0.537 χ^2/NDF : 0.0/0

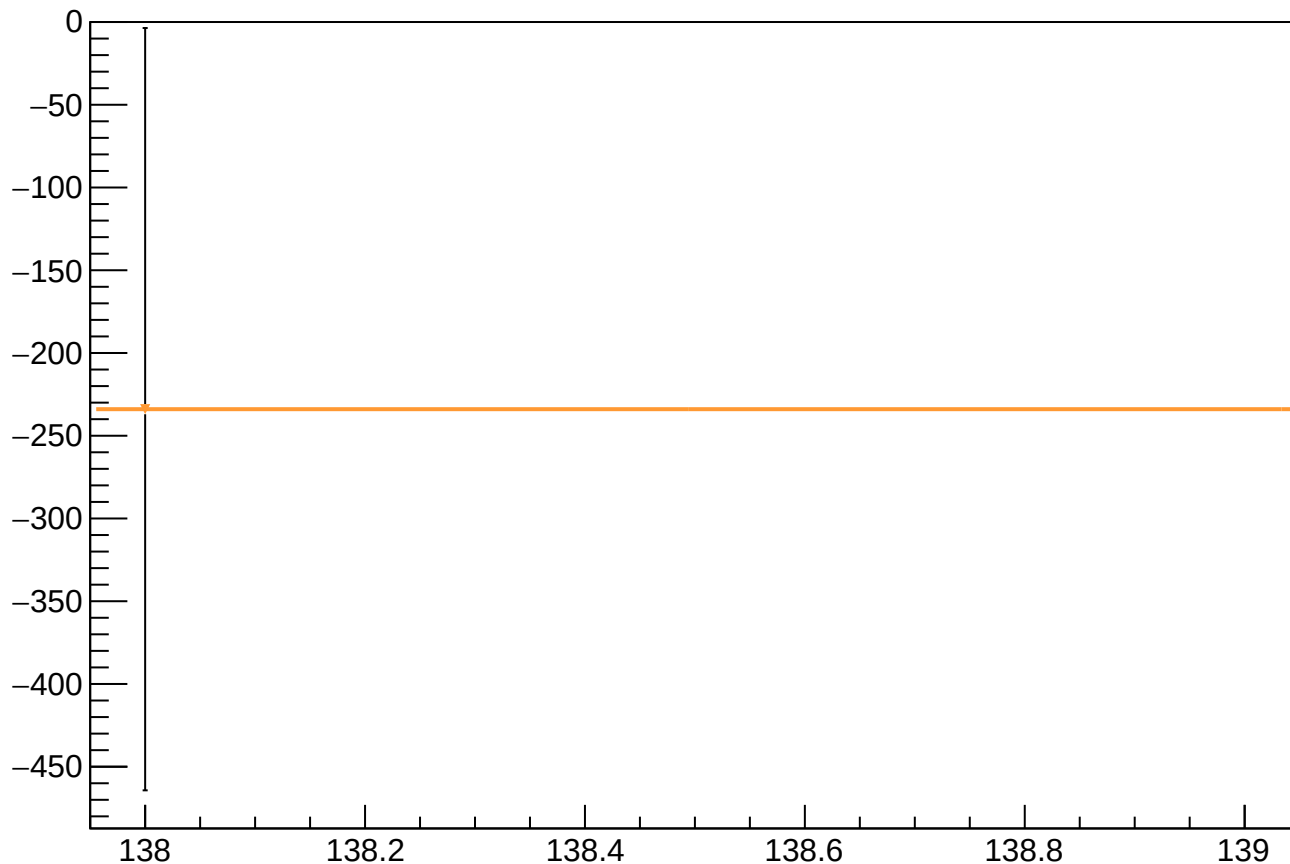
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 650.553+/-0.537 χ^2/NDF : 0.0/0

All: 650.553+/-0.537 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -233.951+/-230.325 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: -233.951+/-230.325 χ^2/NDF : 0.0/0

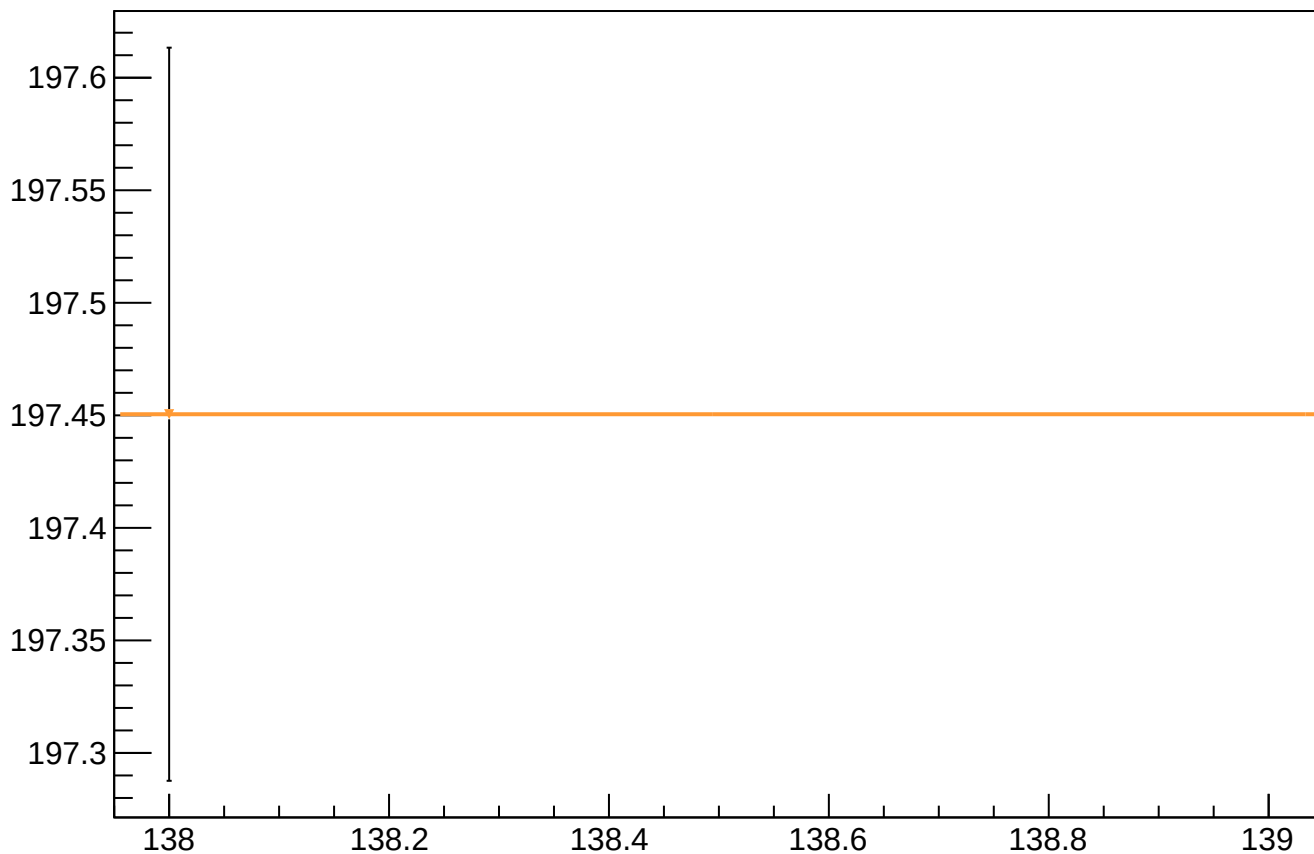
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -233.951+/-230.325 χ^2/NDF : 0.0/0

All: -233.951+/-230.325 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 197.450+/-0.163 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: 197.450+/-0.163 χ^2/NDF : 0.0/0

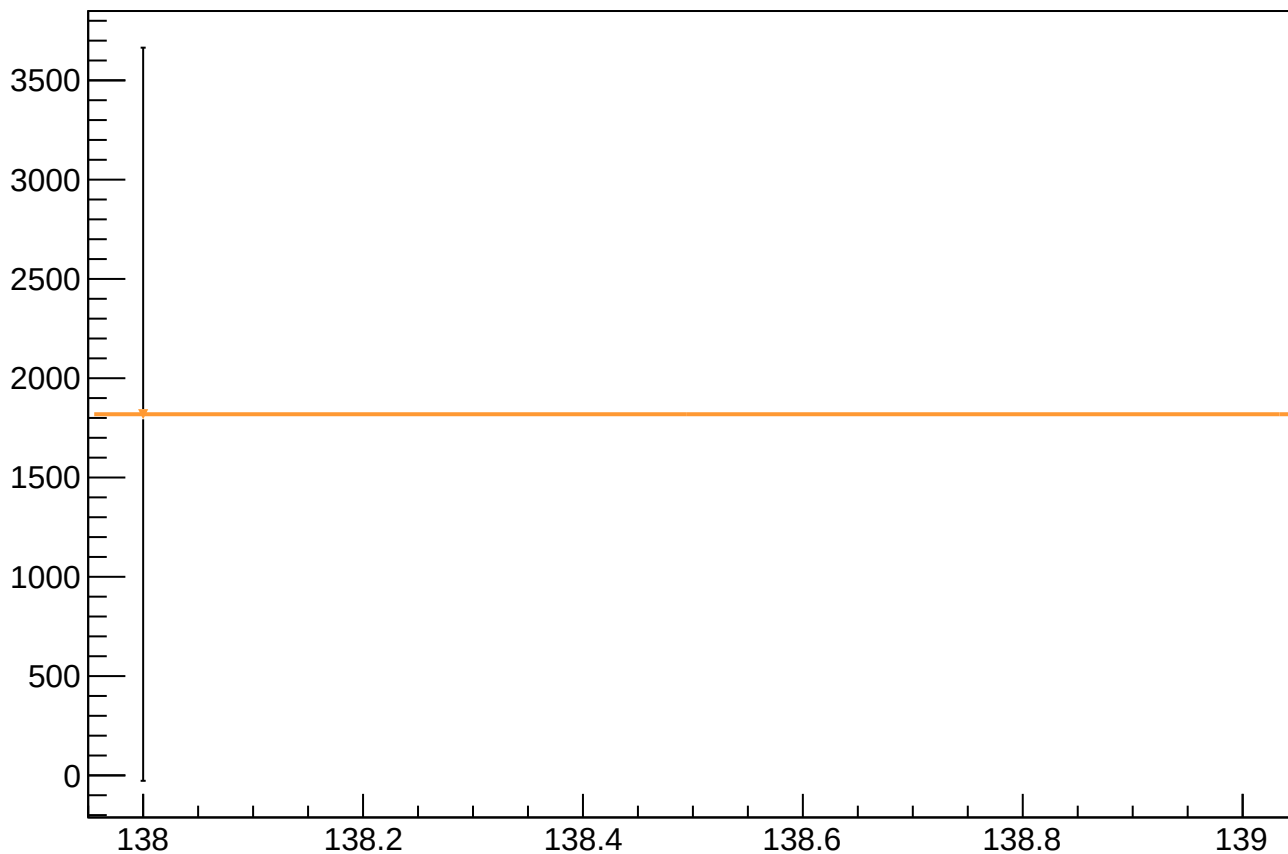
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 197.450+/-0.163 χ^2/NDF : 0.0/0

All: 197.450+/-0.163 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1818.659+/-1845.933 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: 1818.659+/-1845.933 χ^2/NDF : 0.0/0

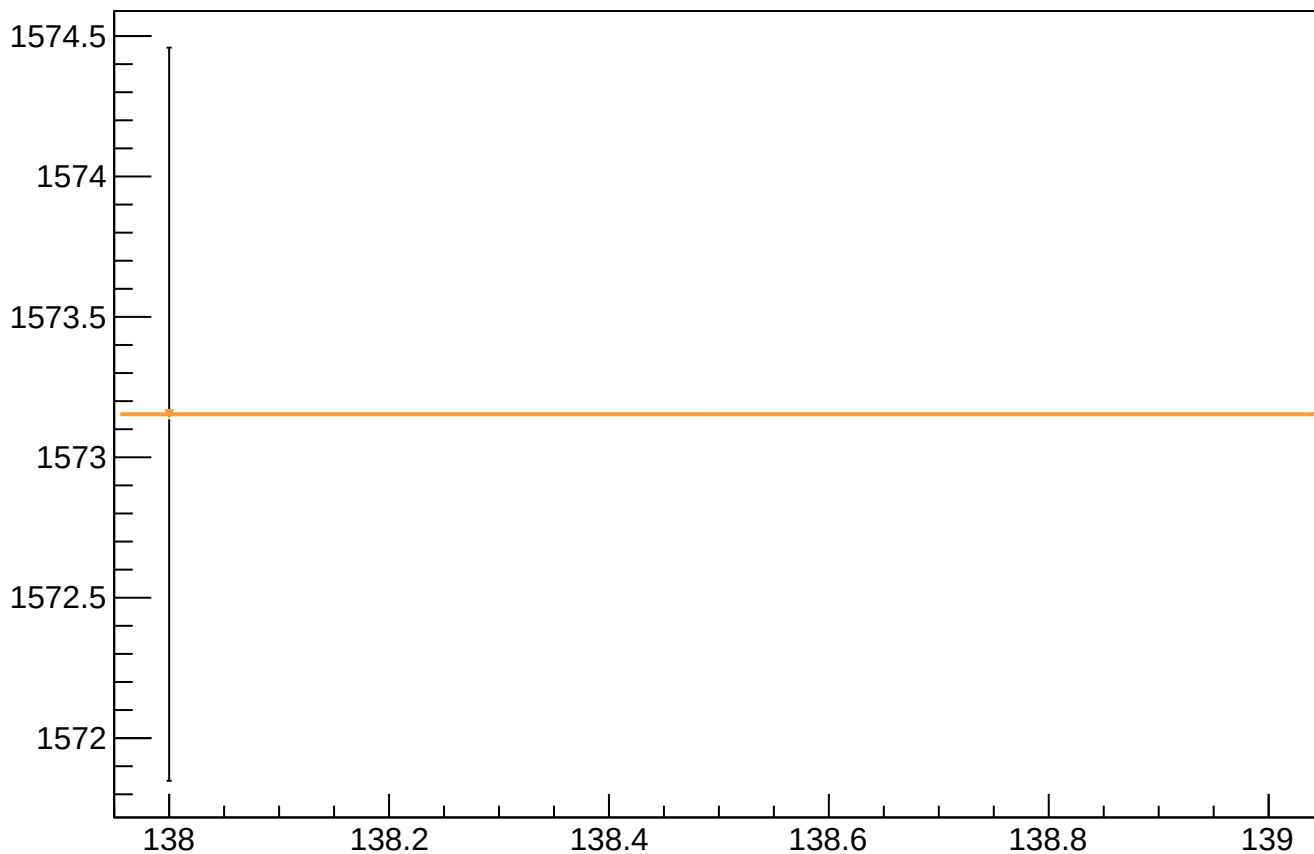
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1818.659+/-1845.933 χ^2/NDF : 0.0/0

All: 1818.659+/-1845.933 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1573.153+/-1.305 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: 1573.153+/-1.305 χ^2 /NDF: 0.0/0

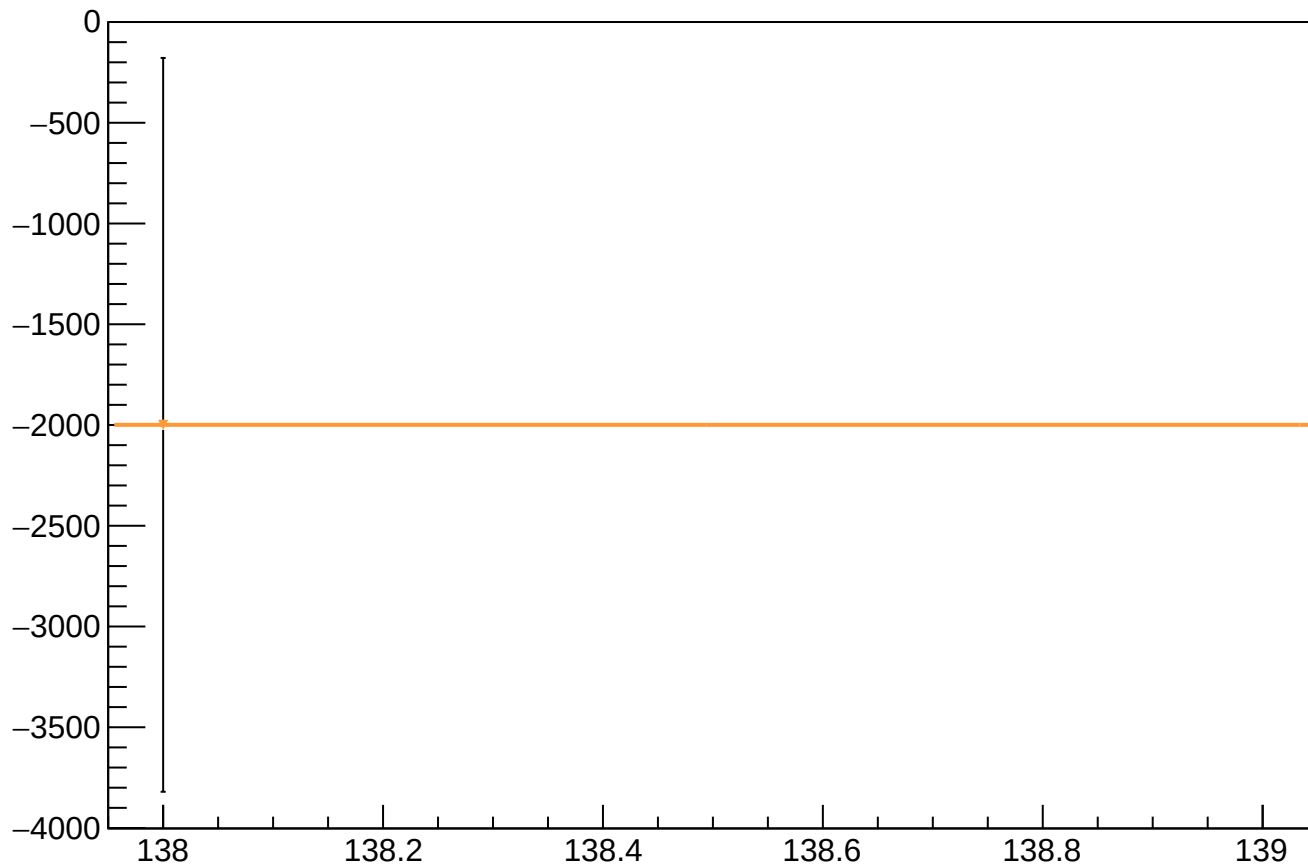
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 1573.153+/-1.305 χ^2 /NDF:0.0/0

All: 1573.153+/-1.305 χ^2 /NDF: 0.0/0

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -1999.222+/-1820.933 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: -1999.222+/-1820.933 χ^2/NDF : 0.0/0

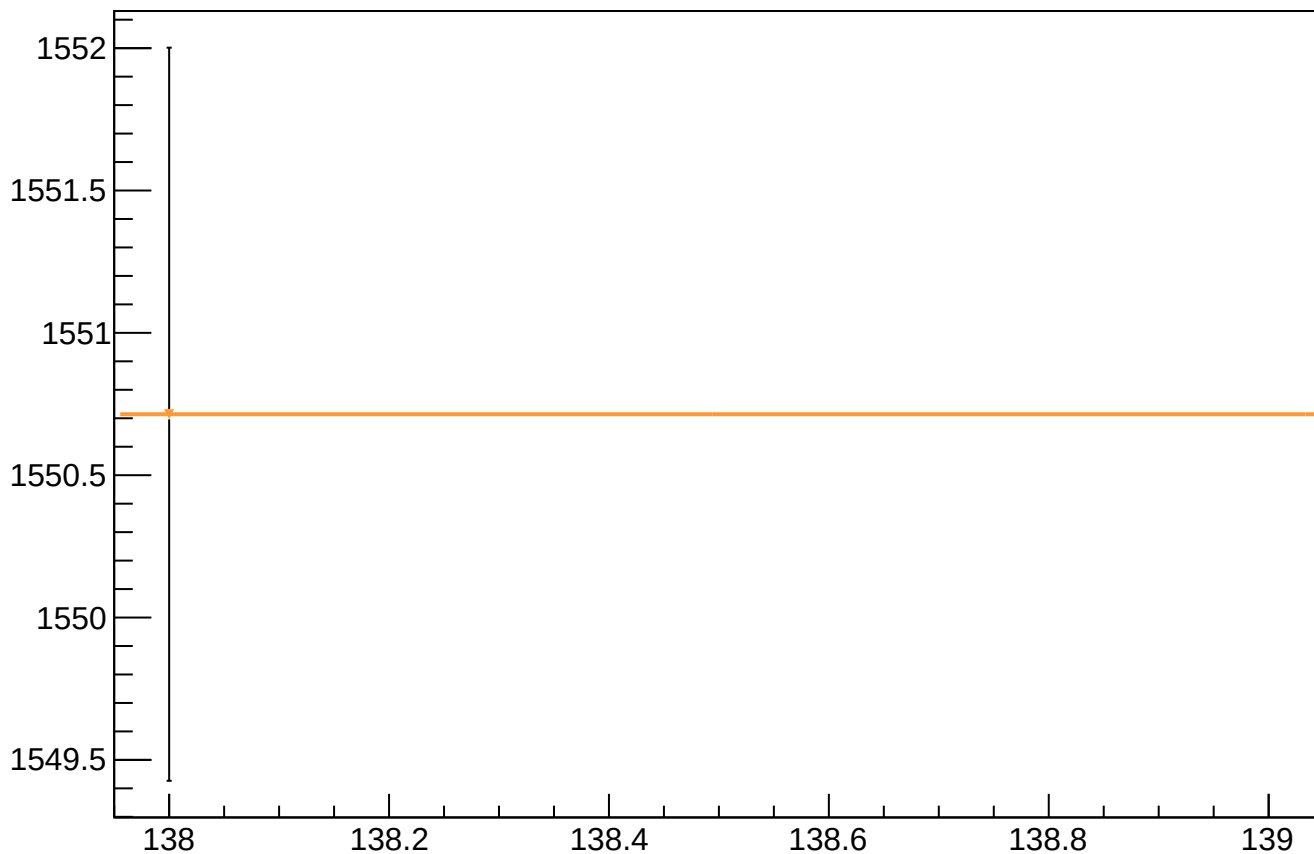
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -1999.222+/-1820.933 χ^2/NDF : 0.0/0

All: -1999.222+/-1820.933 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1550.714+/-1.288 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: 1550.714+/-1.288 χ^2/NDF : 0.0/0

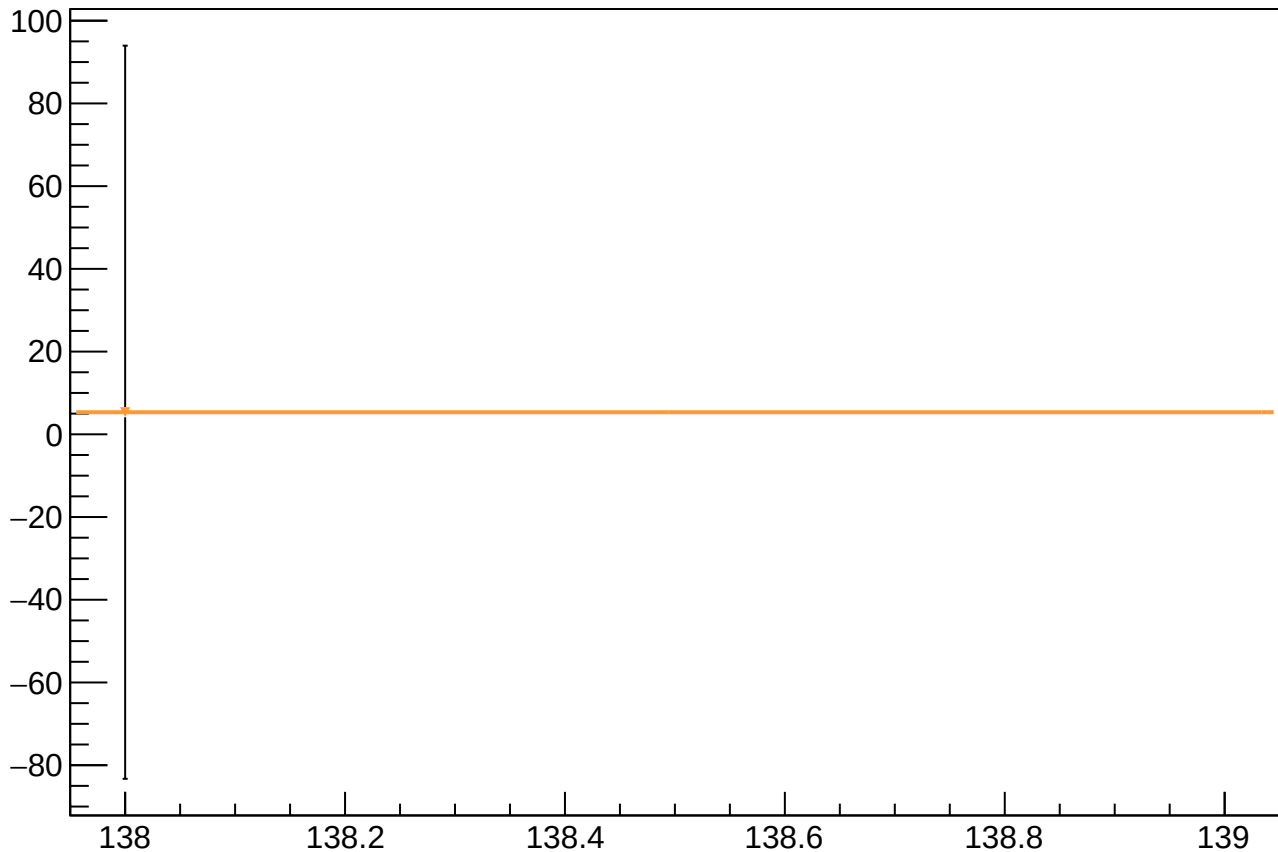
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1550.714+/-1.288 χ^2/NDF : 0.0/0

All: 1550.714+/-1.288 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 5.337+/-88.626 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: 5.337+/-88.626 χ^2/NDF : 0.0/0

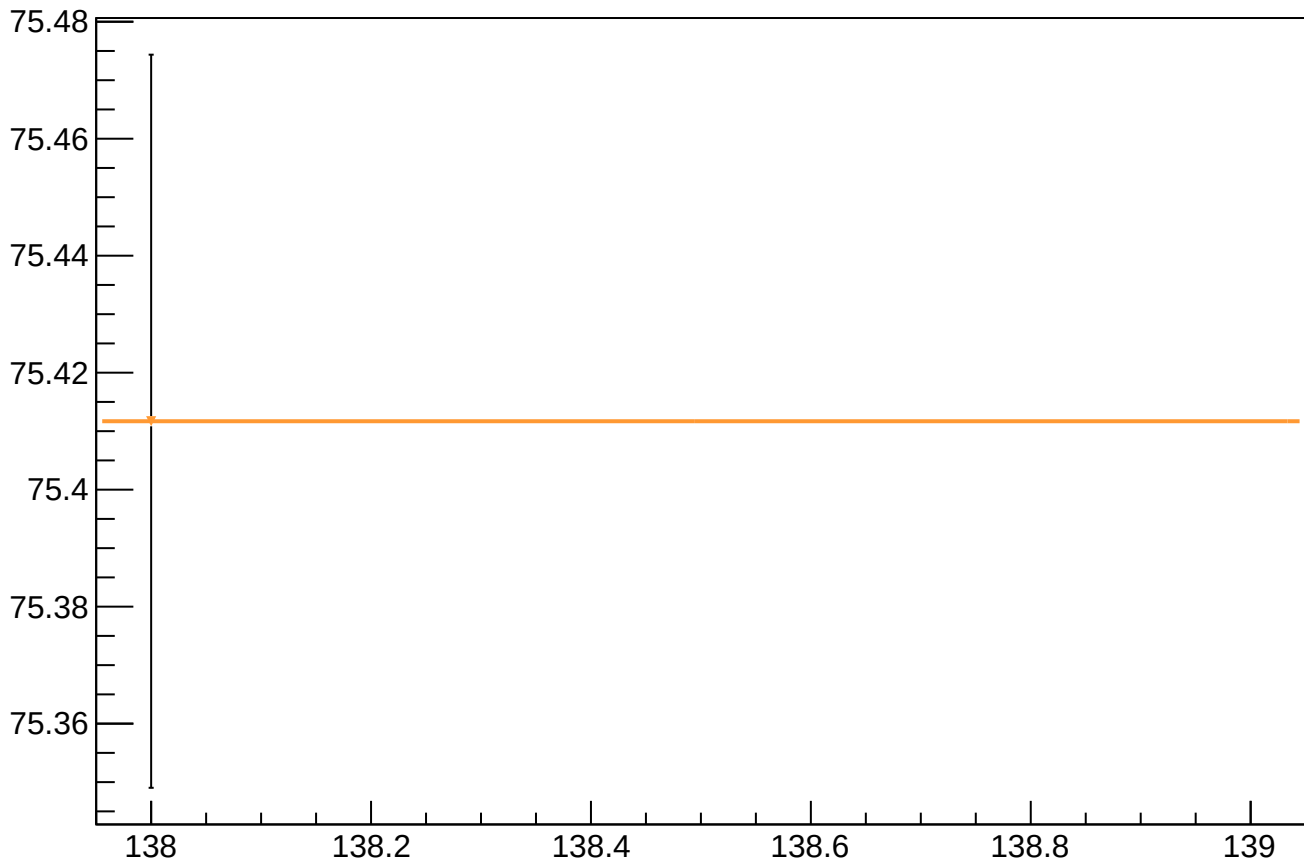
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 5.337+/-88.626 χ^2/NDF : 0.0/0

All: 5.337+/-88.626 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 75.412+/-0.063 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: 75.412+/-0.063 χ^2/NDF : 0.0/0

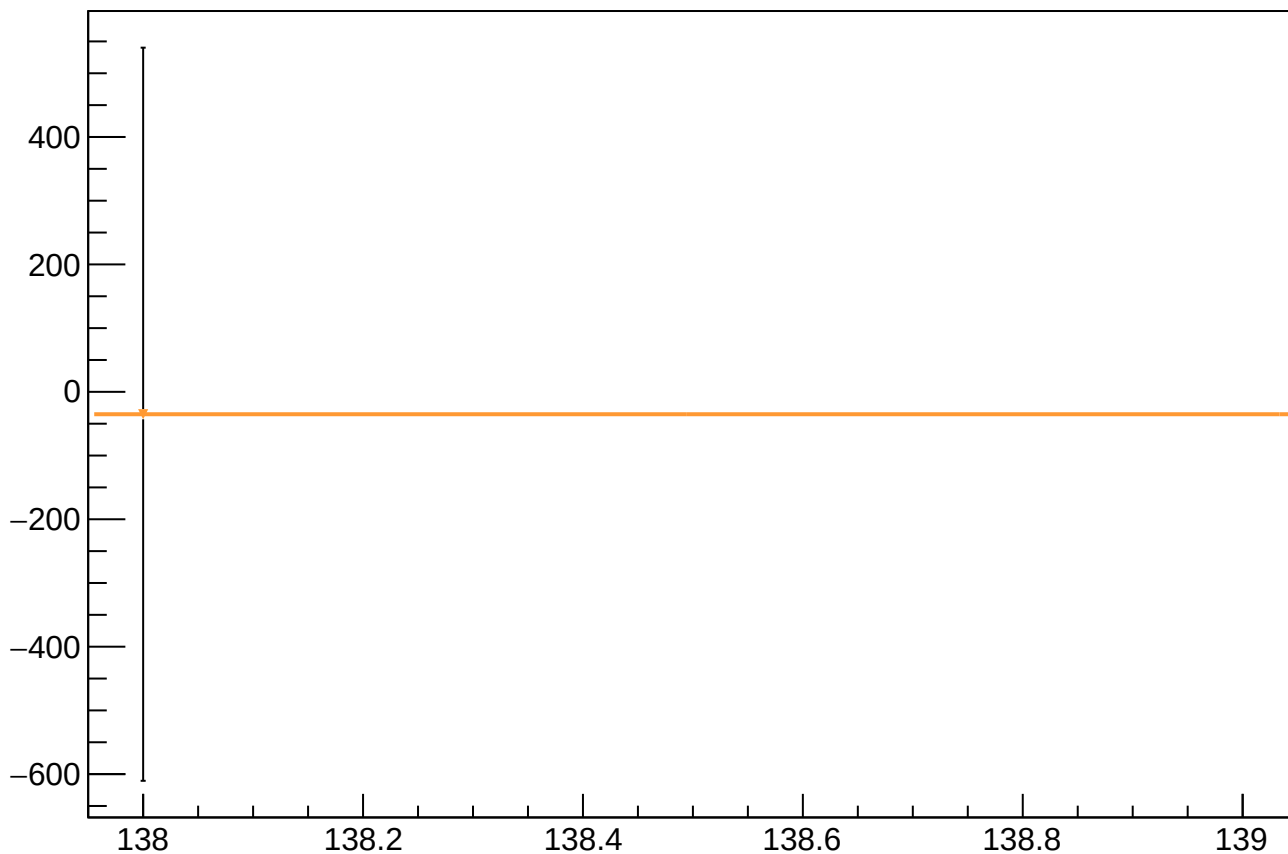
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 75.412+/-0.063 χ^2/NDF : 0.0/0

All: 75.412+/-0.063 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -35.152+/-575.330 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: -35.152+/-575.330 χ^2/NDF : 0.0/0

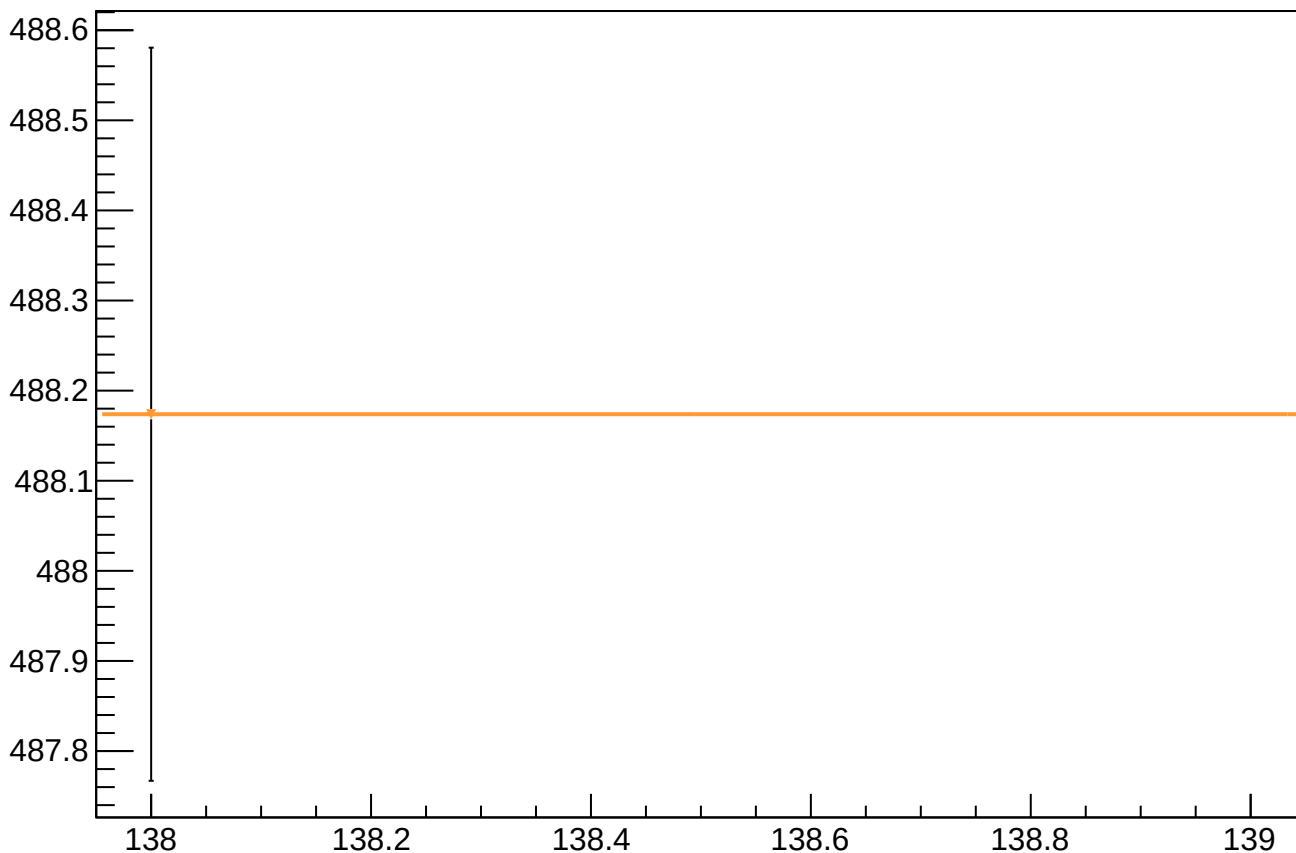
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -35.152+/-575.330 χ^2/NDF : 0.0/0

All: -35.152+/-575.330 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 488.174+/-0.407 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: 488.174+/-0.407 χ^2/NDF : 0.0/0

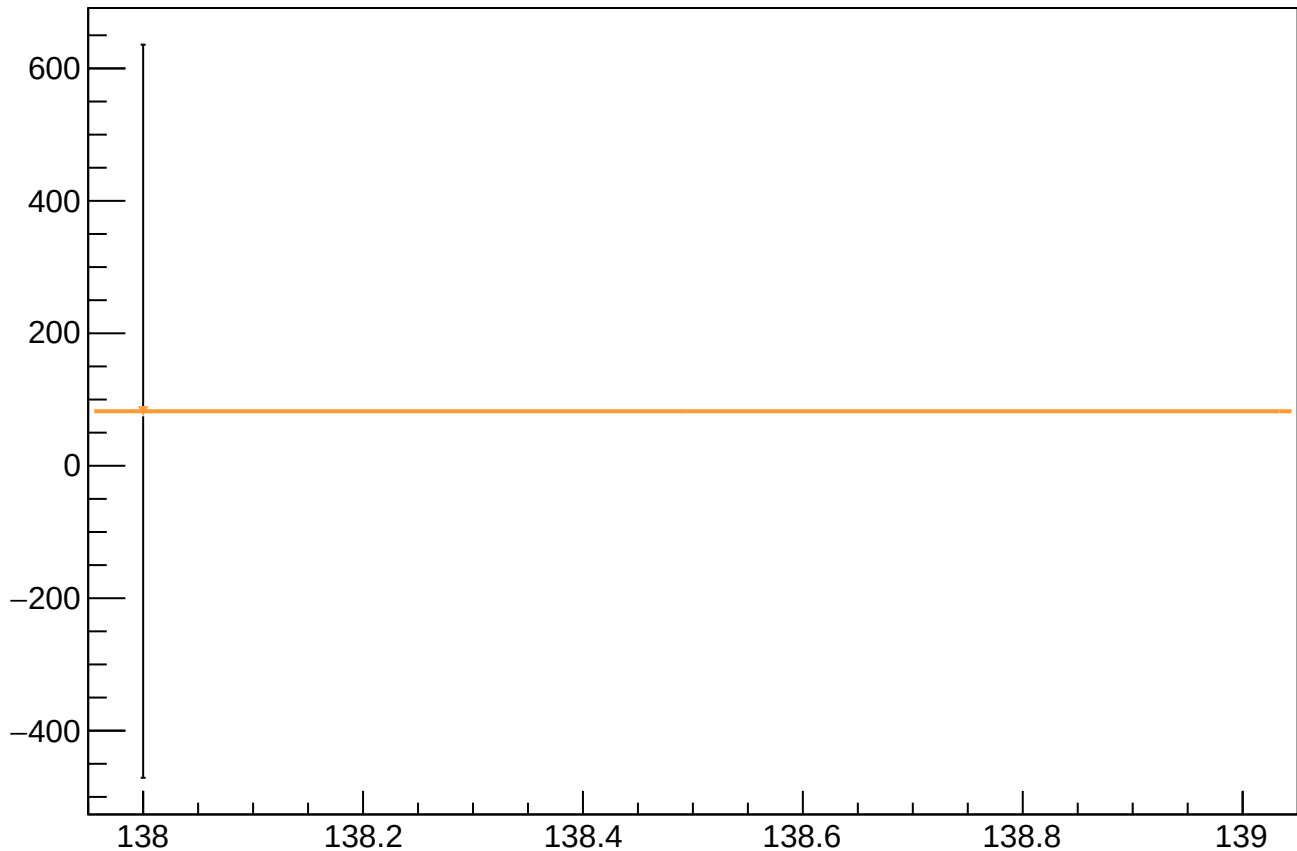
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 488.174+/-0.407 χ^2/NDF : 0.0/0

All: 488.174+/-0.407 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 82.340+/-553.490 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: 82.340+/-553.490 χ^2/NDF : 0.0/0

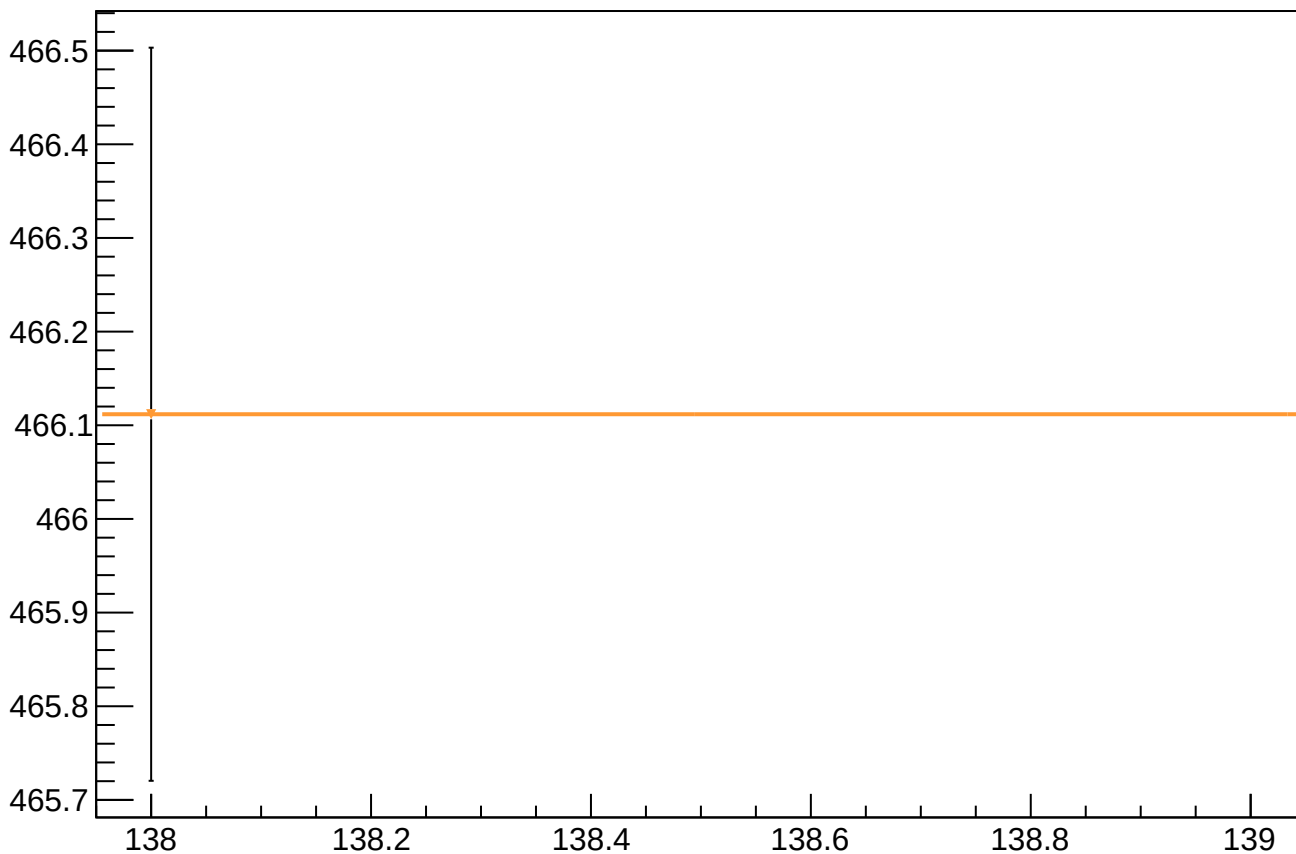
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 82.340+/-553.490 χ^2/NDF : 0.0/0

All: 82.340+/-553.490 χ^2/NDF : 0.0/0

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 466.112+/-0.391 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: 466.112+/-0.391 χ^2/NDF : 0.0/0

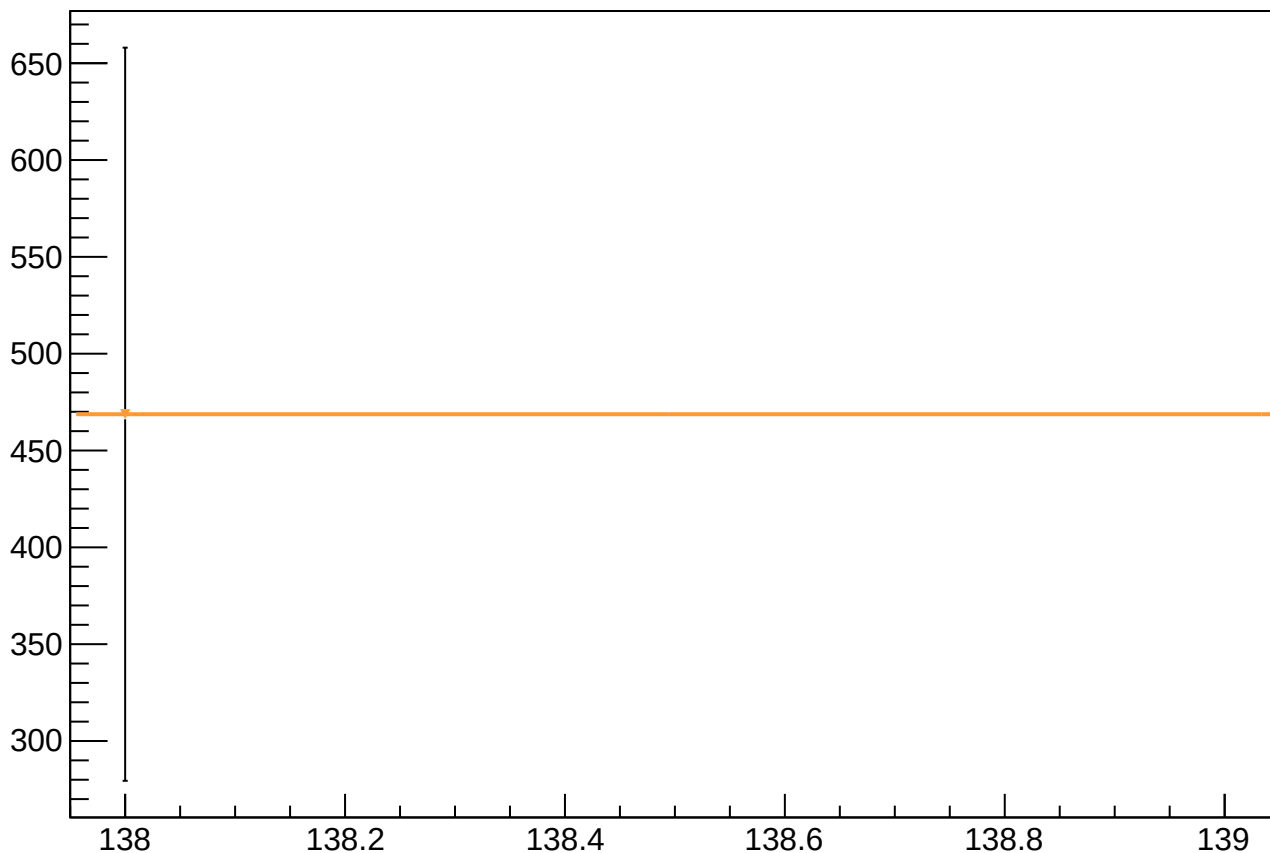
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 466.112+/-0.391 χ^2/NDF : 0.0/0

All: 466.112+/-0.391 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 468.736+/-189.283 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: 468.736+/-189.283 χ^2/NDF : 0.0/0

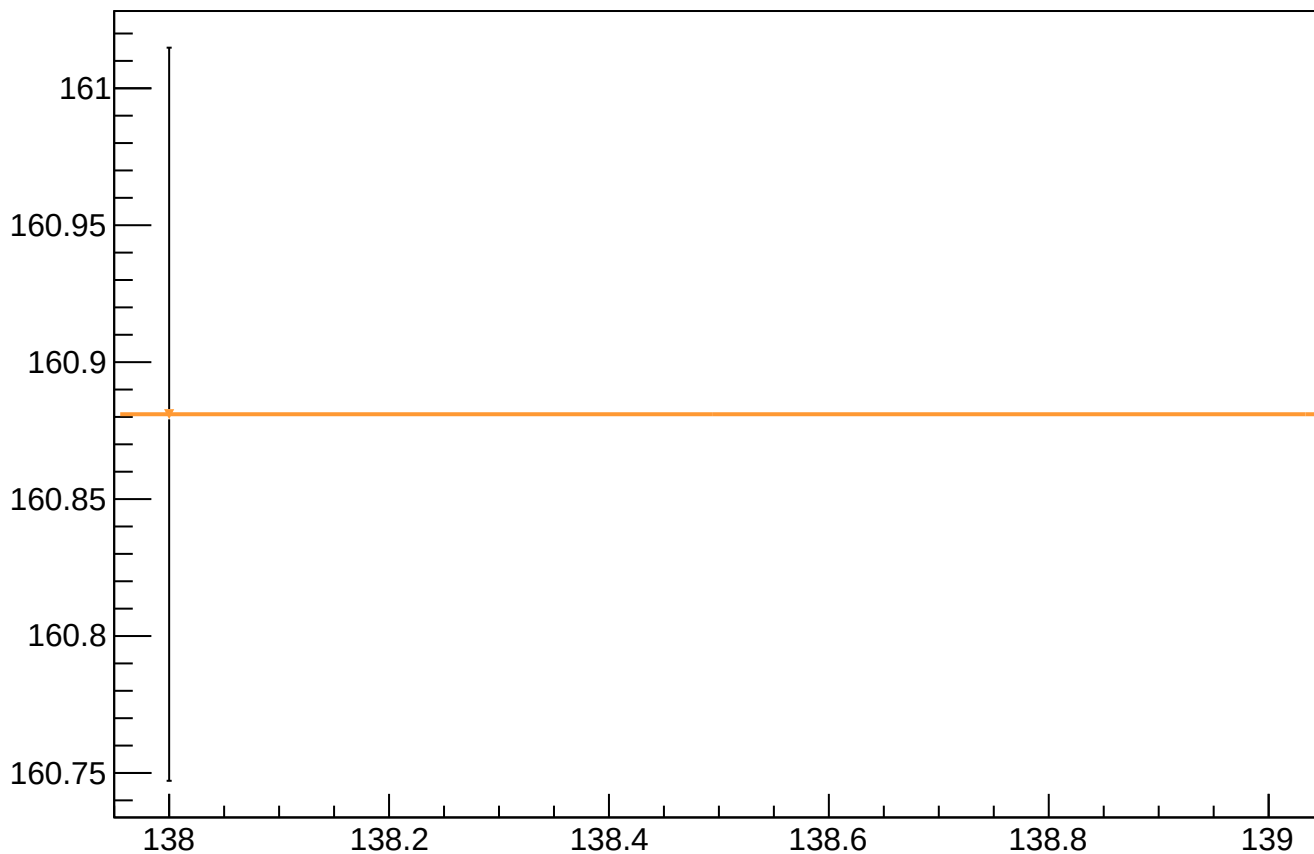
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 468.736+/-189.283 χ^2/NDF : 0.0/0

All: 468.736+/-189.283 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 160.881+/-0.134 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: 160.881+/-0.134 χ^2/NDF : 0.0/0

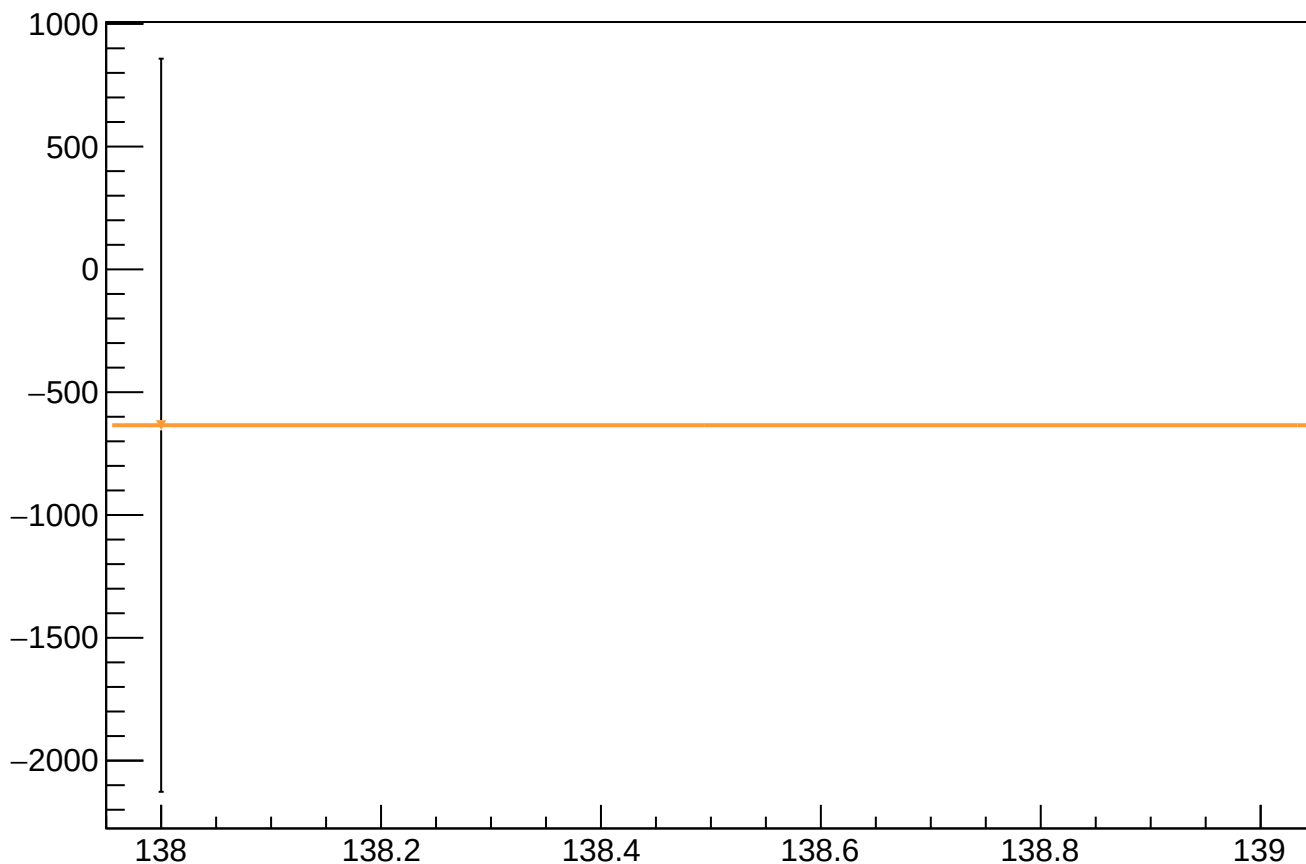
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 160.881+/-0.134 χ^2/NDF : 0.0/0

All: 160.881+/-0.134 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -634.515+/-1492.393 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: -634.515+/-1492.393 χ^2/NDF : 0.0/0

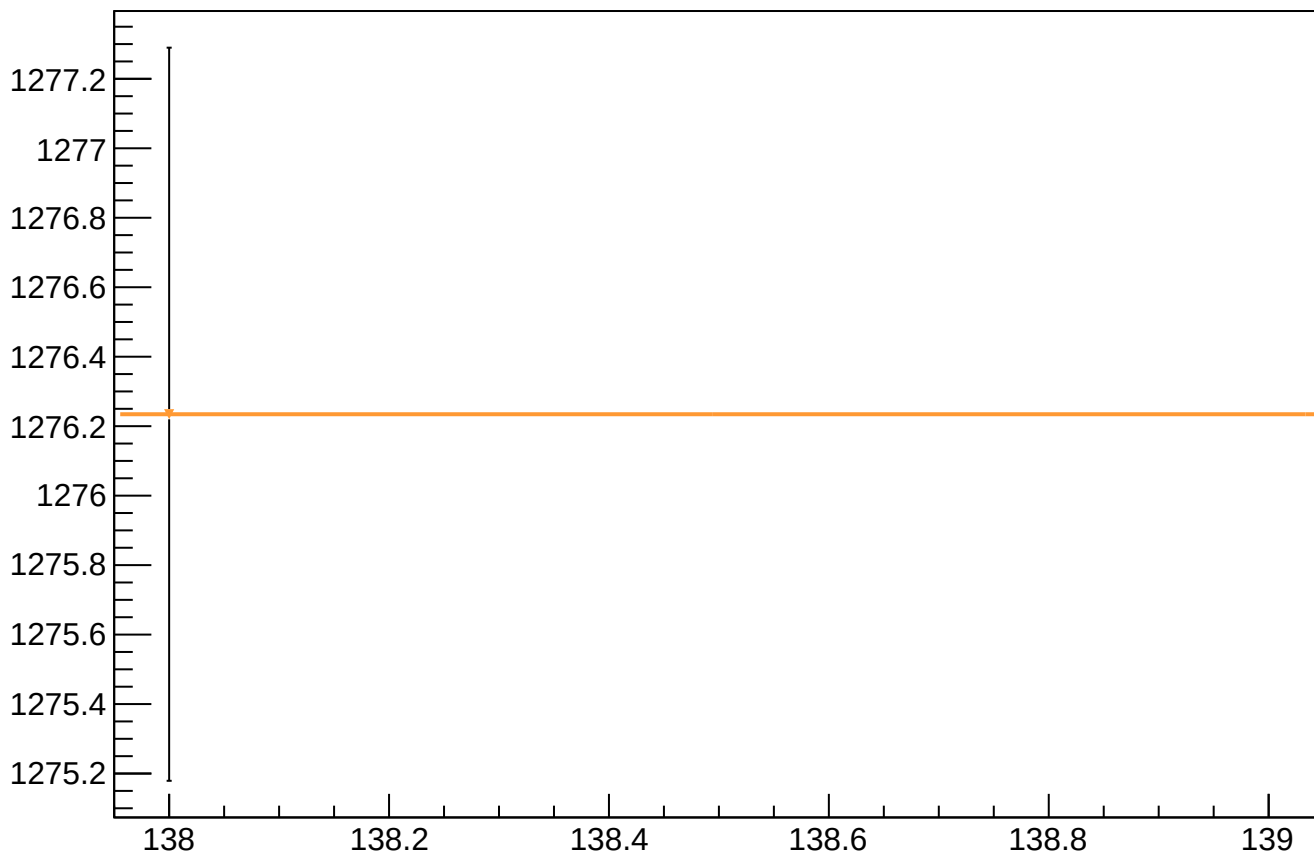
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -634.515+/-1492.393 χ^2/NDF : 0.0/0

All: -634.515+/-1492.393 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1276.234+/-1.055 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: 1276.234+/-1.055 χ^2/NDF : 0.0/0

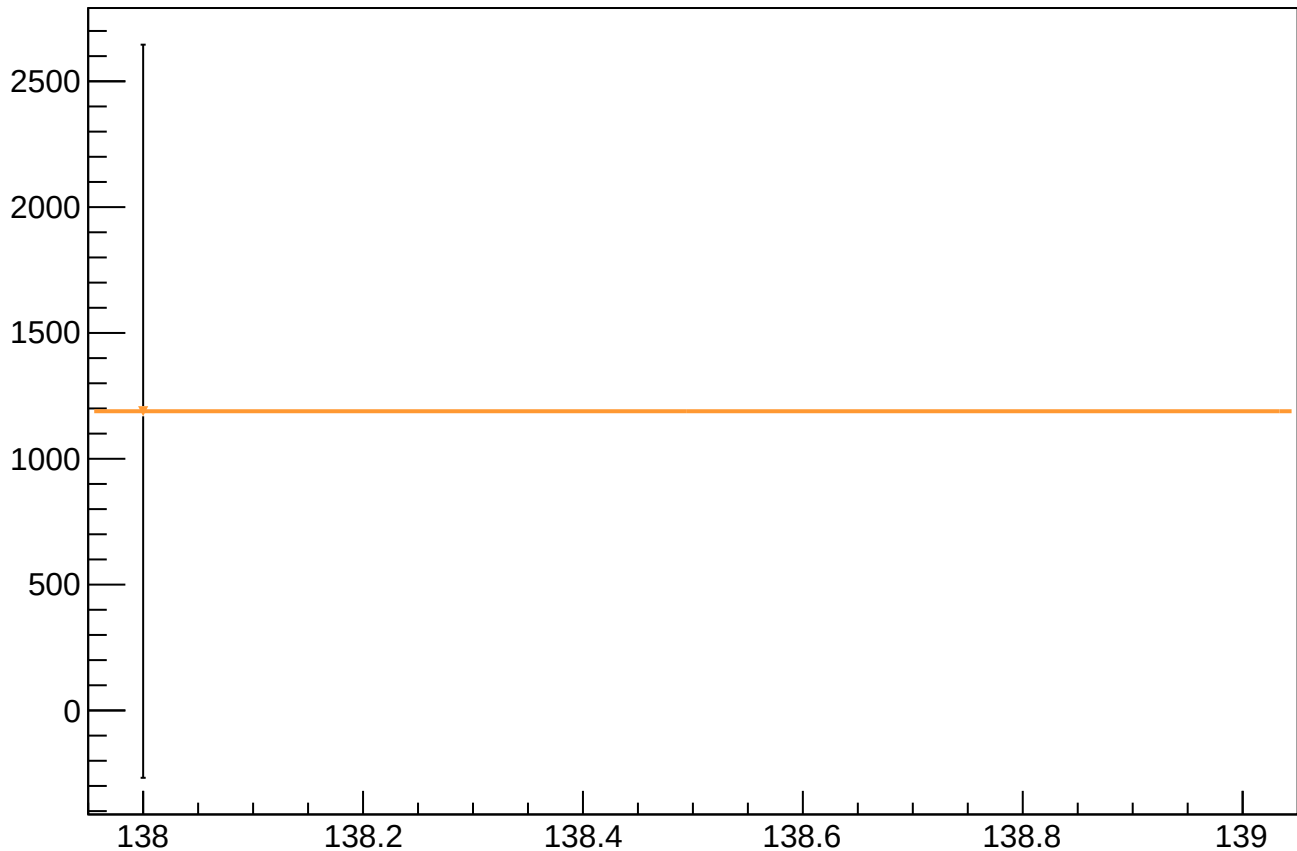
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1276.234+/-1.055 χ^2/NDF : 0.0/0

All: 1276.234+/-1.055 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1188.936+/-1456.583 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: 1188.936+/-1456.583 χ^2/NDF : 0.0/0

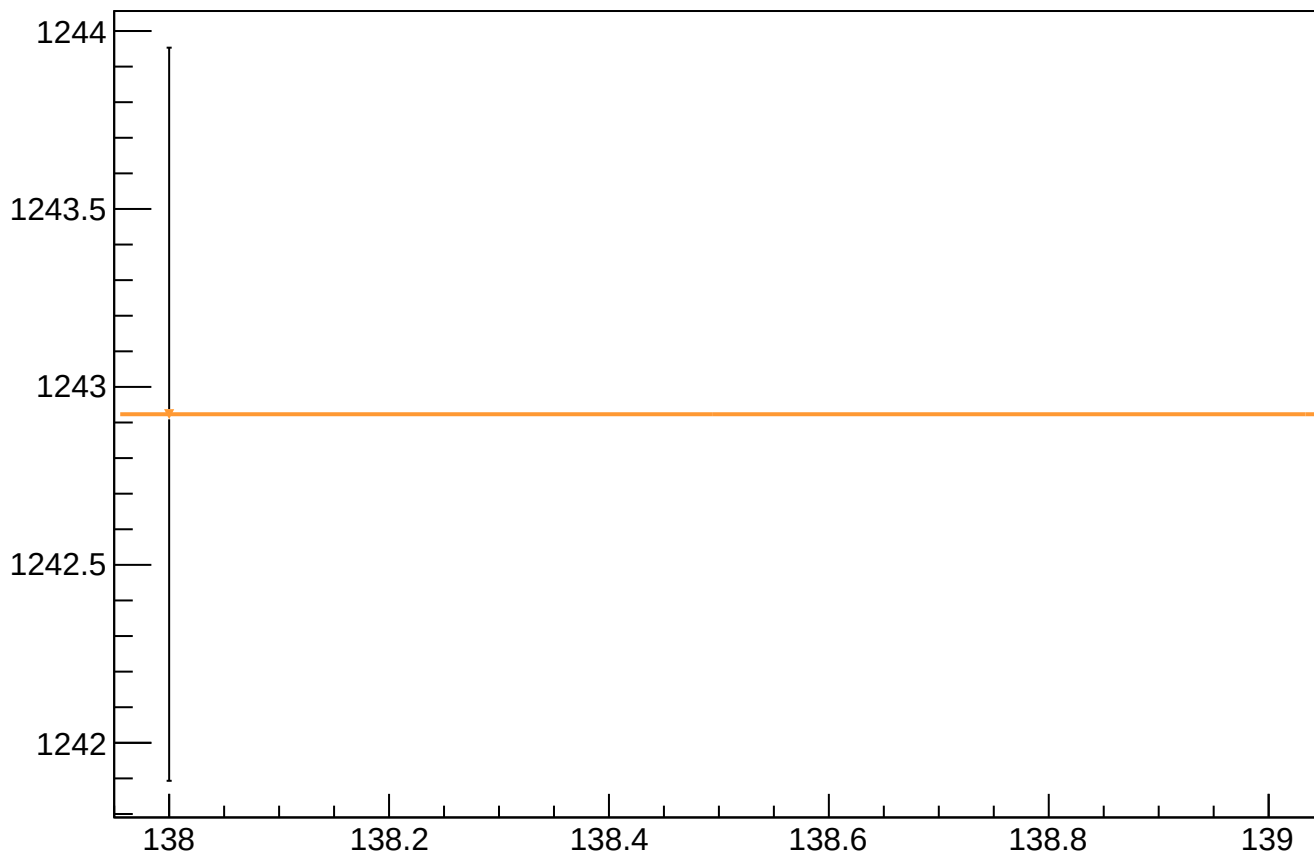
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1188.936+/-1456.583 χ^2/NDF : 0.0/0

All: 1188.936+/-1456.583 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 1242.923+/-1.030 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: 1242.923+/-1.030 χ^2/NDF : 0.0/0

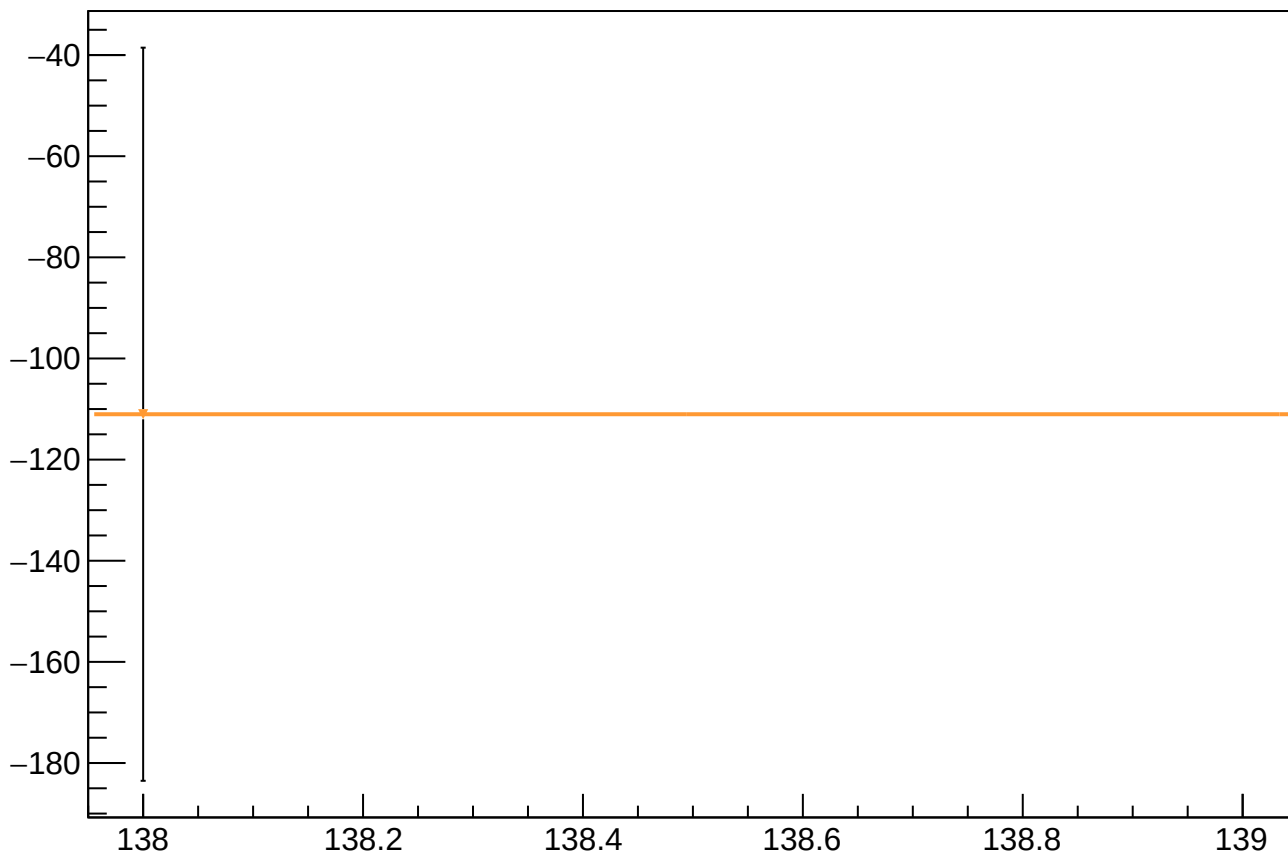
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1242.923+/-1.030 χ^2/NDF : 0.0/0

All: 1242.923+/-1.030 χ^2/NDF : 0.0/0

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: -111.027+/-72.490 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: -111.027+/-72.490 χ^2/NDF : 0.0/0

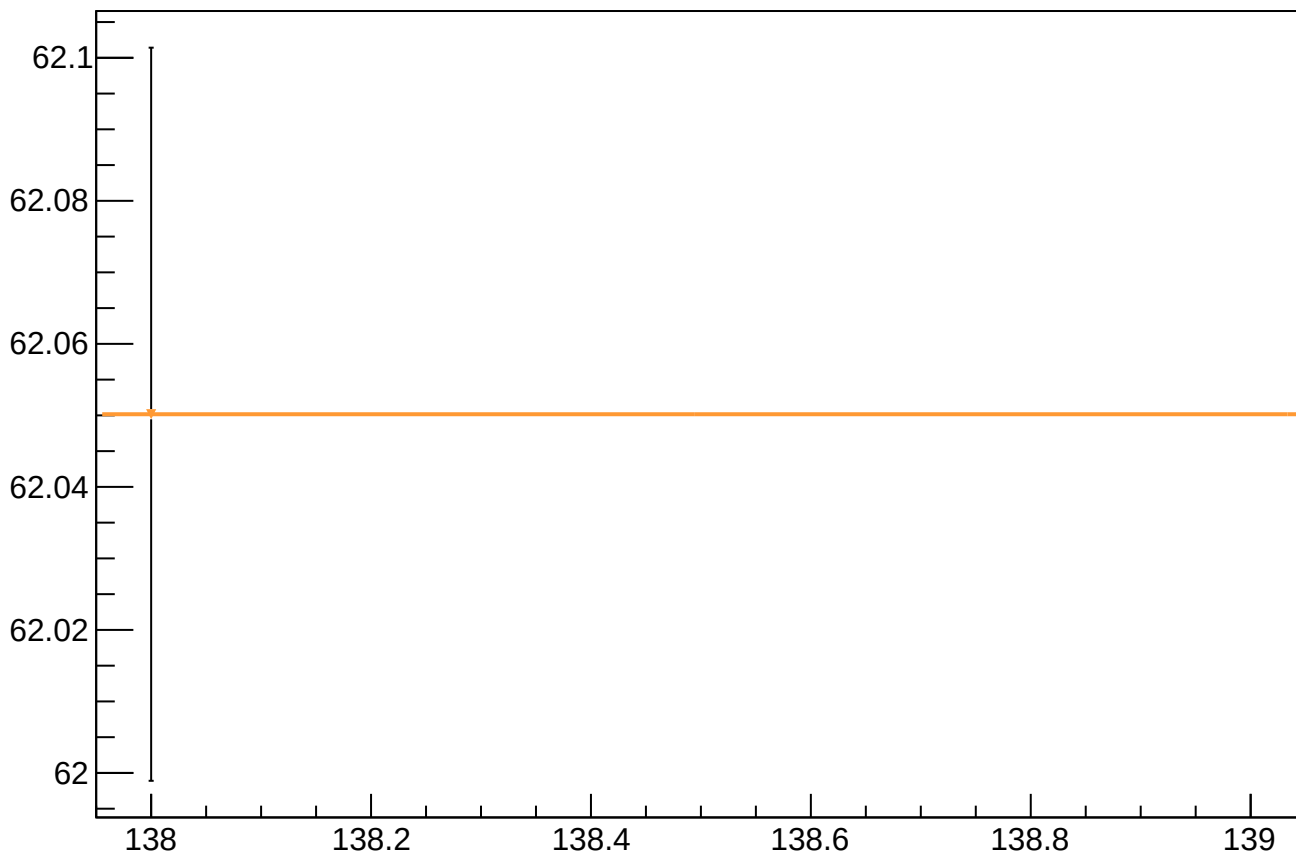
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -111.027+/-72.490 χ^2/NDF : 0.0/0

All: -111.027+/-72.490 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 62.050 $\pm$ 0.051 χ^2 /NDF: 0.0/0

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

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

Left: 62.050 $\pm$ 0.051 χ^2 /NDF: 0.0/0

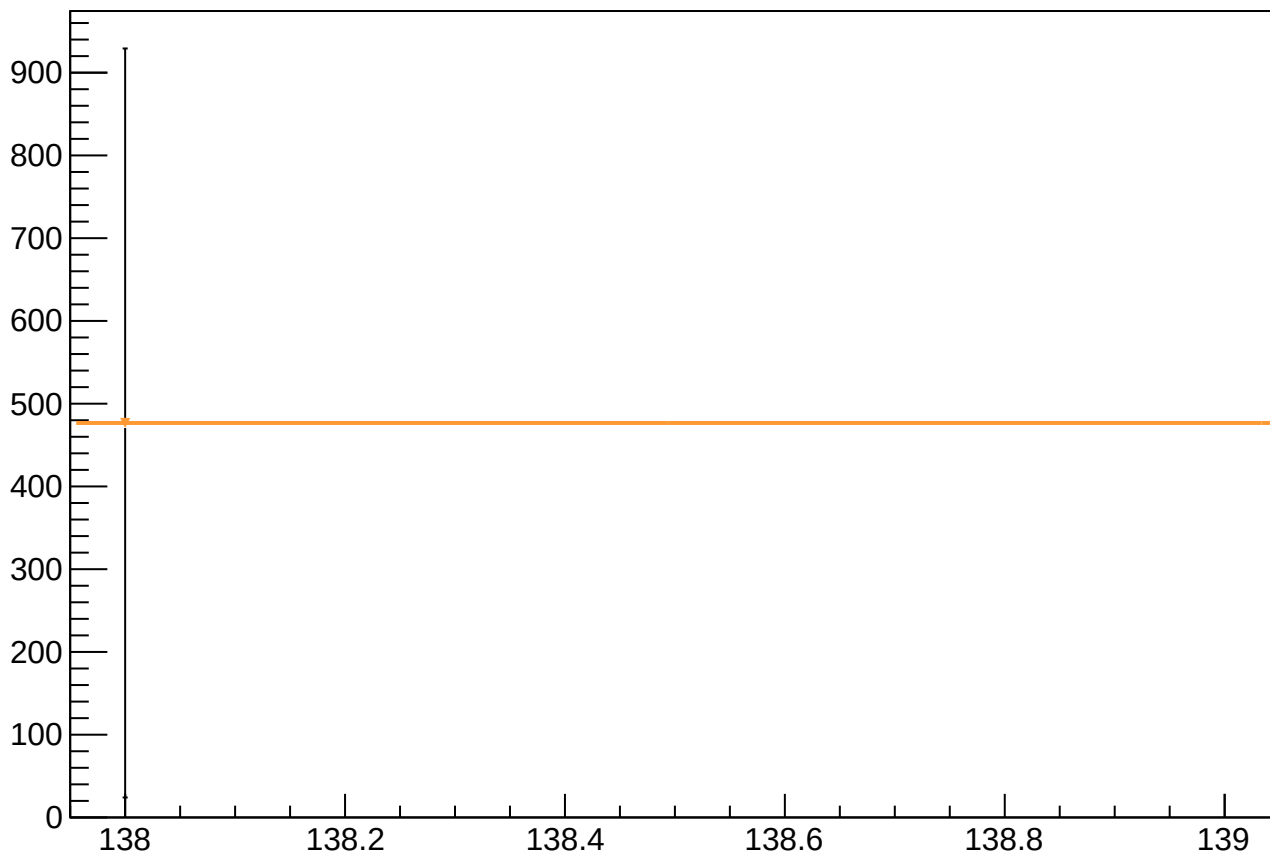
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 62.050 $\pm$ 0.051 χ^2 /NDF: 0.0/0

All: 62.050 $\pm$ 0.051 χ^2 /NDF: 0.0/0

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: 476.700+/-452.548 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: 476.700+/-452.548 χ^2/NDF : 0.0/0

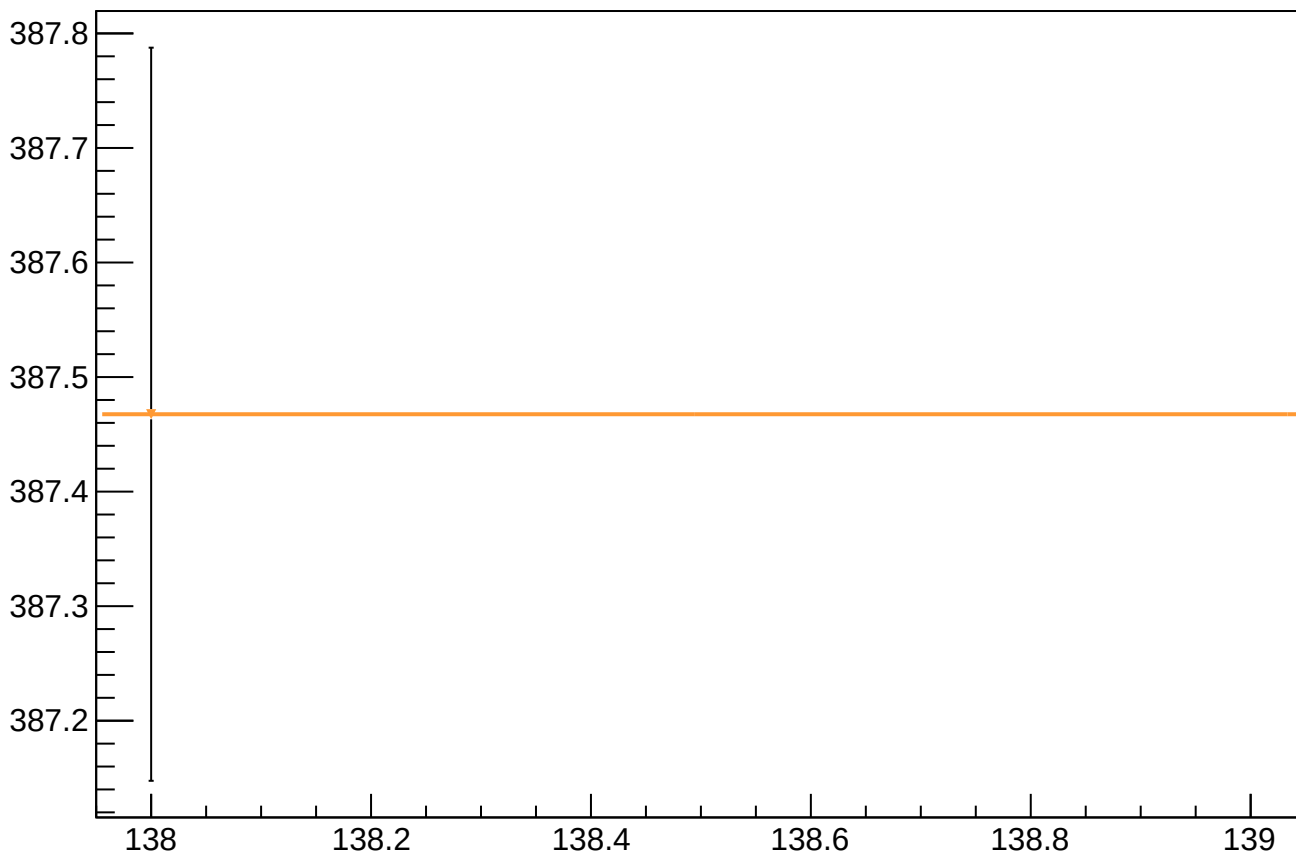
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 476.700+/-452.548 χ^2/NDF : 0.0/0

All: 476.700+/-452.548 χ^2/NDF : 0.0/0

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: 387.468+/-0.320 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: 387.468+/-0.320 χ^2/NDF : 0.0/0

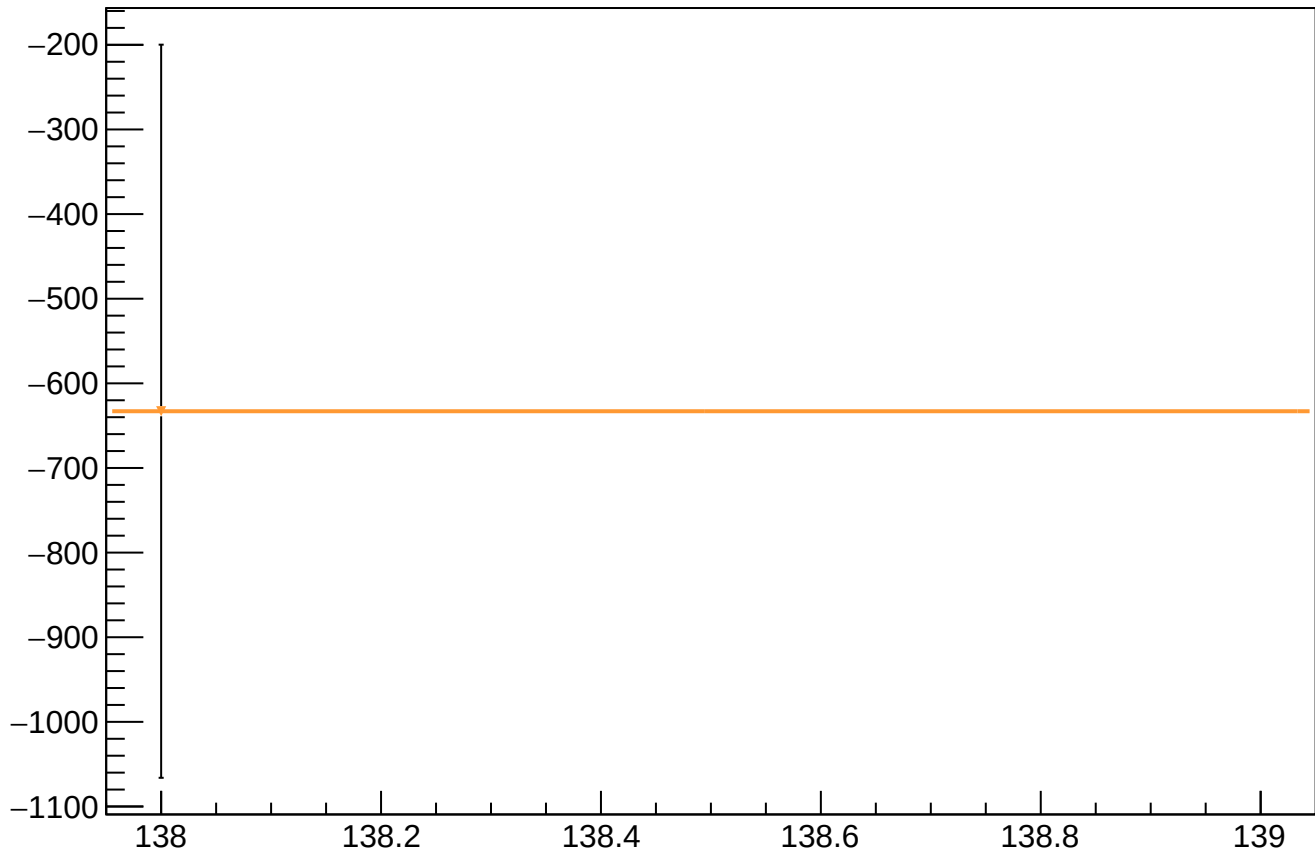
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 387.468+/-0.320 χ^2/NDF : 0.0/0

All: 387.468+/-0.320 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -632.956+/-433.142 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: -632.956+/-433.142 χ^2/NDF : 0.0/0

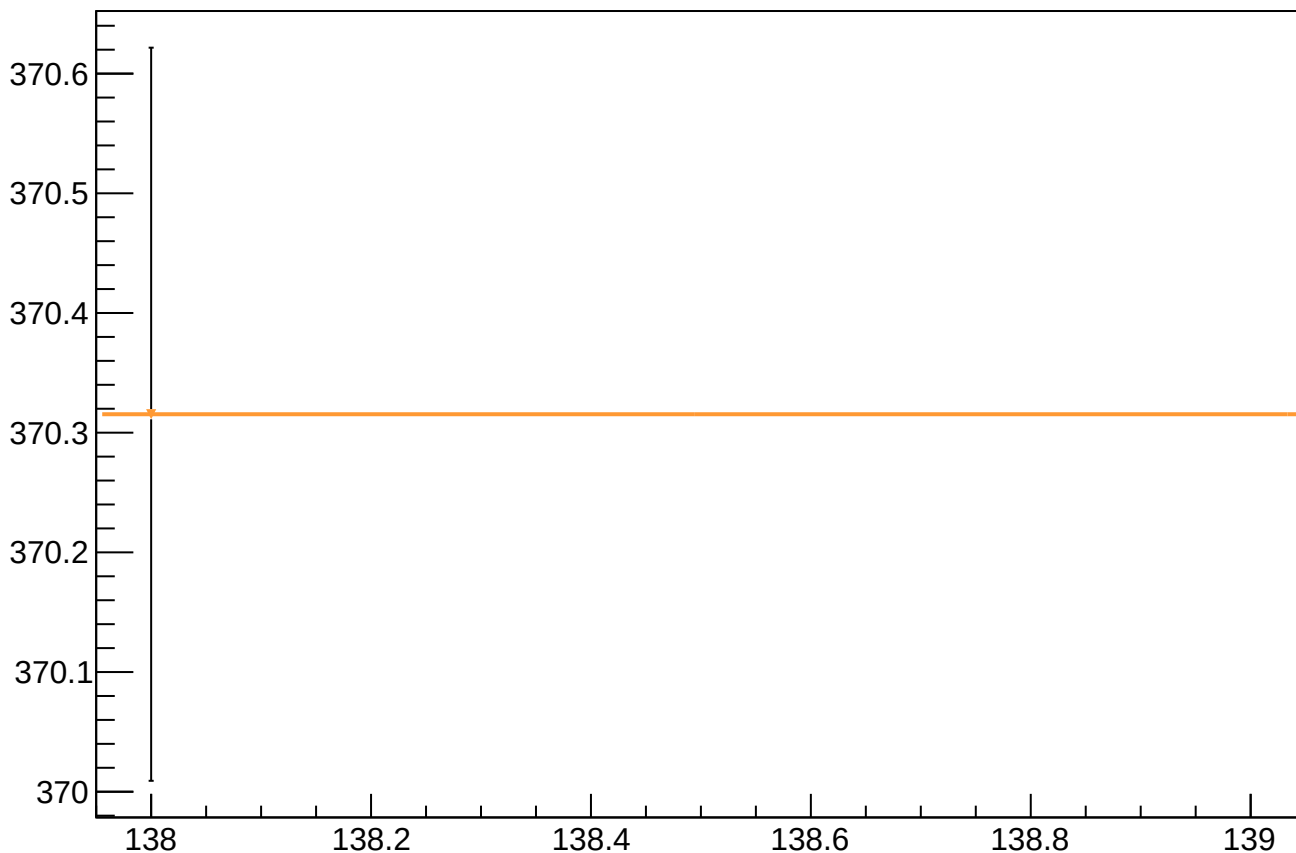
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -632.956+/-433.142 χ^2/NDF : 0.0/0

All: -632.956+/-433.142 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 370.315+/-0.306 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: 370.315+/-0.306 χ^2/NDF : 0.0/0

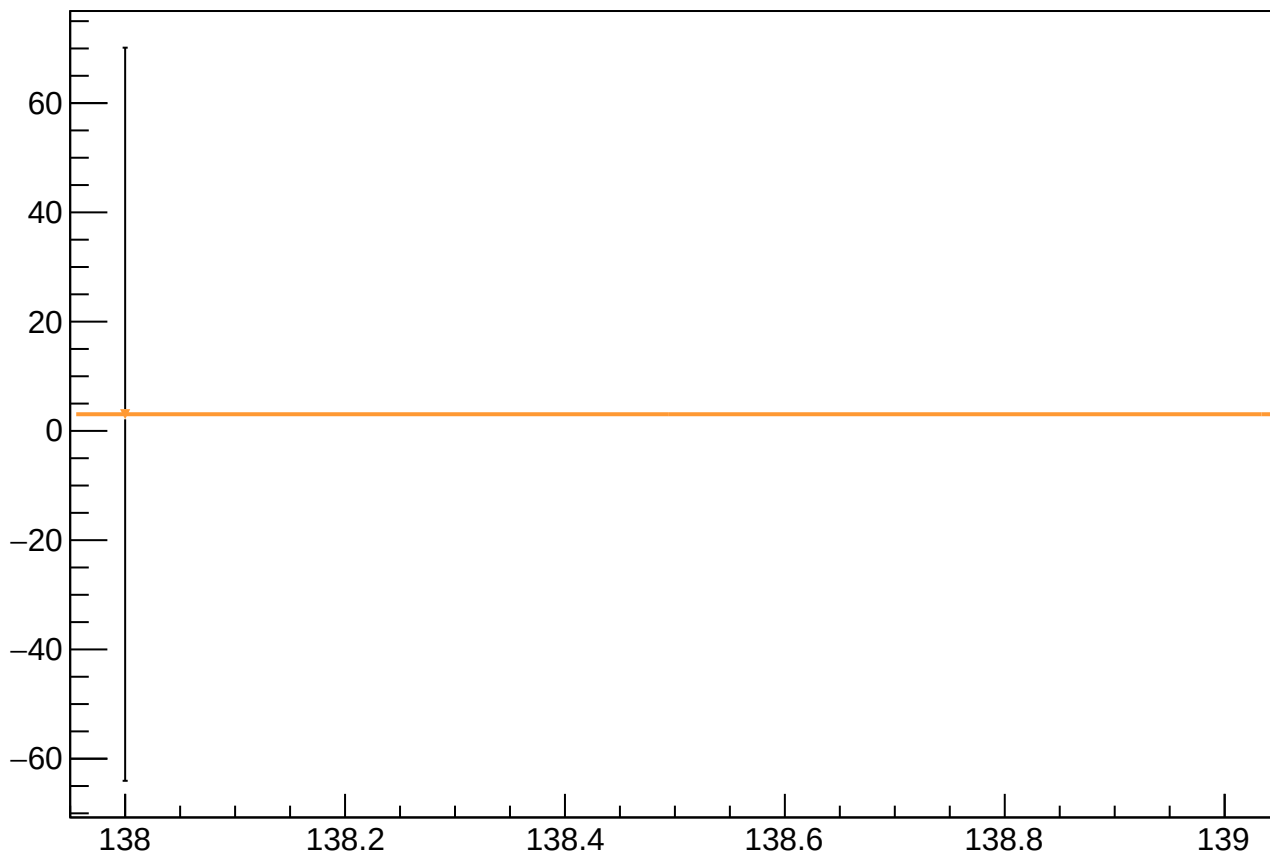
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 370.315+/-0.306 χ^2/NDF : 0.0/0

All: 370.315+/-0.306 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 3.051 $\pm$ 67.096 χ^2 /NDF:0.0/0

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

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

Left: 3.051 $\pm$ 67.096 χ^2 /NDF: 0.0/0

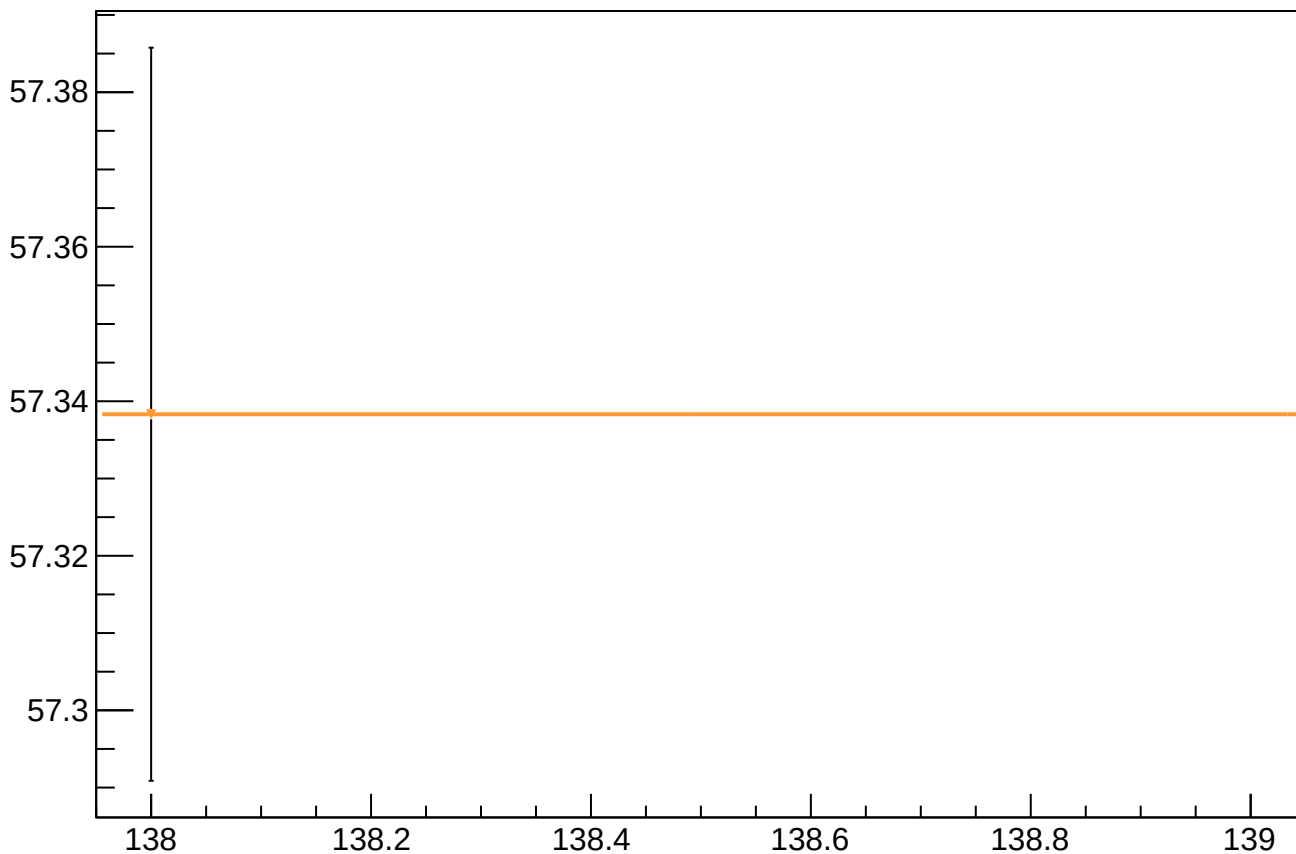
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 3.051 $\pm$ 67.096 χ^2 /NDF:0.0/0

All: 3.051 $\pm$ 67.096 χ^2 /NDF: 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 57.338 $\pm$ 0.047 χ^2 /NDF: 0.0/0

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

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

Left: 57.338 $\pm$ 0.047 χ^2 /NDF: 0.0/0

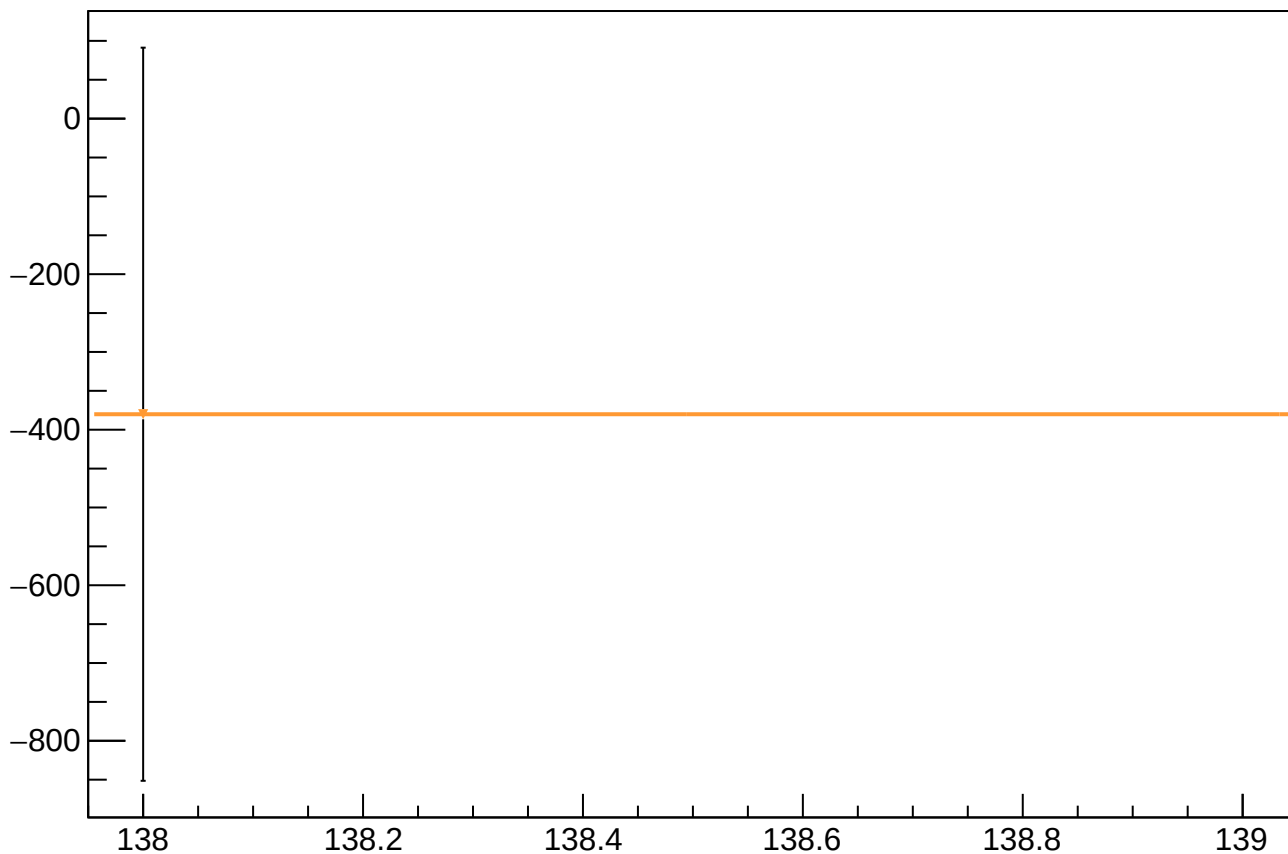
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 57.338 $\pm$ 0.047 χ^2 /NDF: 0.0/0

All: 57.338 $\pm$ 0.047 χ^2 /NDF: 0.0/0

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: -380.097+/-471.350 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: -380.097+/-471.350 χ^2/NDF : 0.0/0

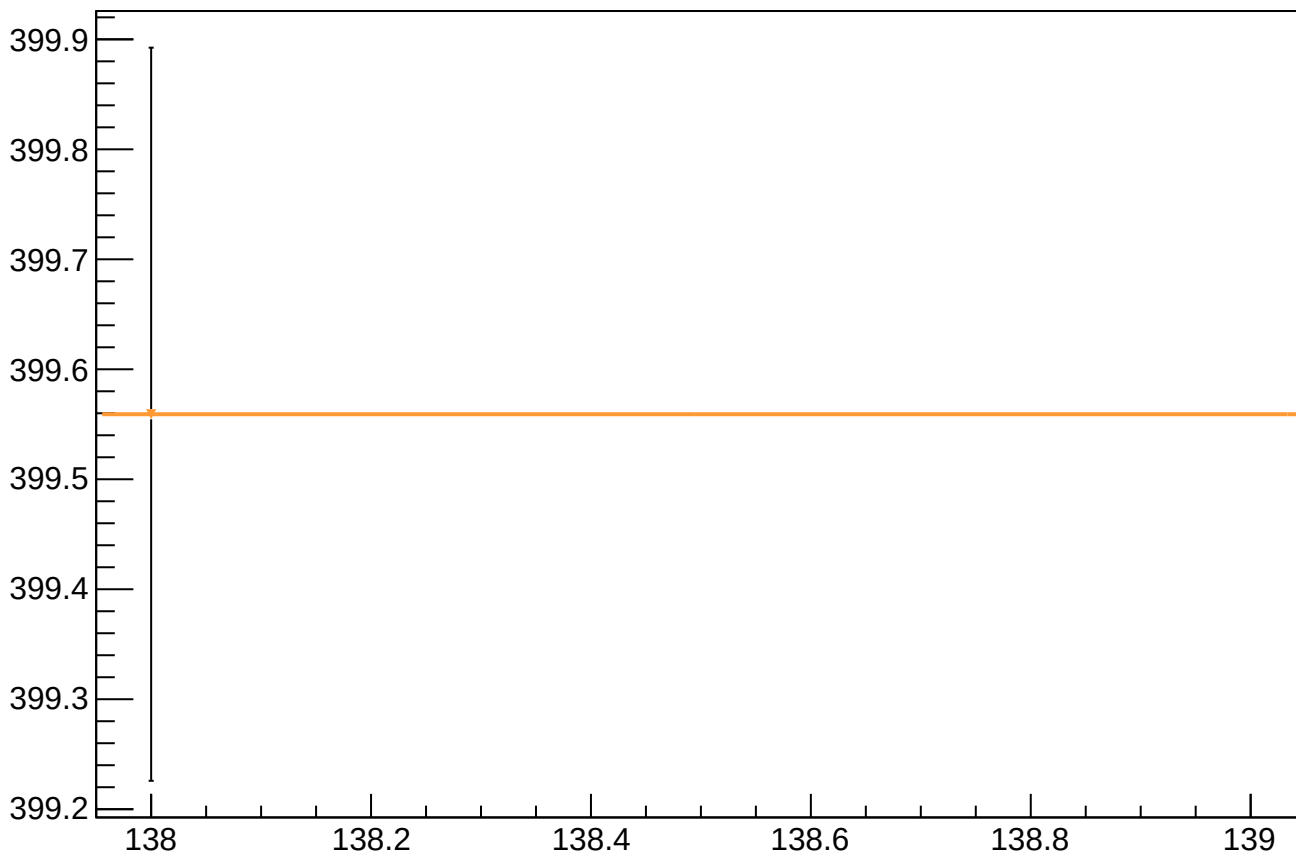
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -380.097+/-471.350 χ^2/NDF : 0.0/0

All: -380.097+/-471.350 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 399.559+/-0.333 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: 399.559+/-0.333 χ^2/NDF : 0.0/0

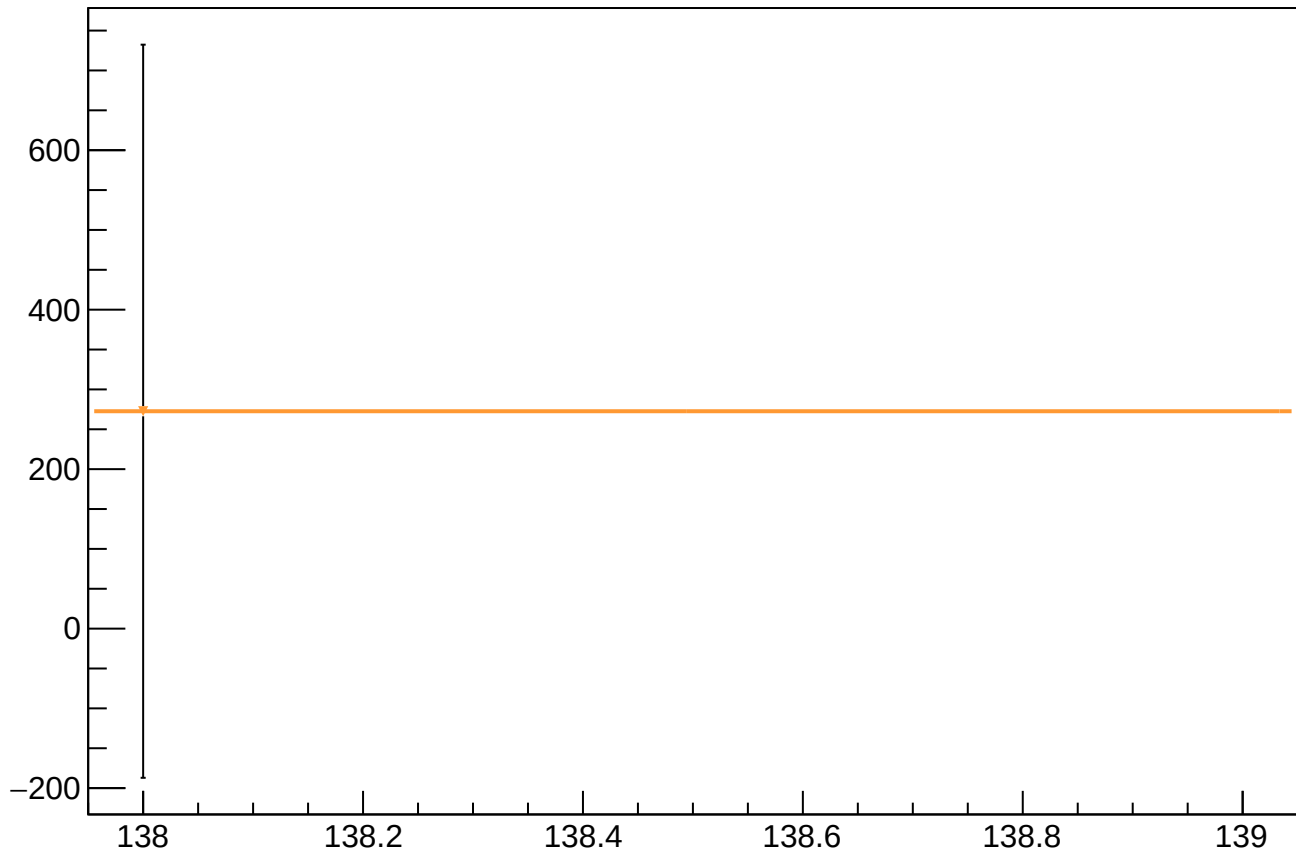
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 399.559+/-0.333 χ^2/NDF : 0.0/0

All: 399.559+/-0.333 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 272.633+/-459.701 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: 272.633+/-459.701 χ^2/NDF : 0.0/0

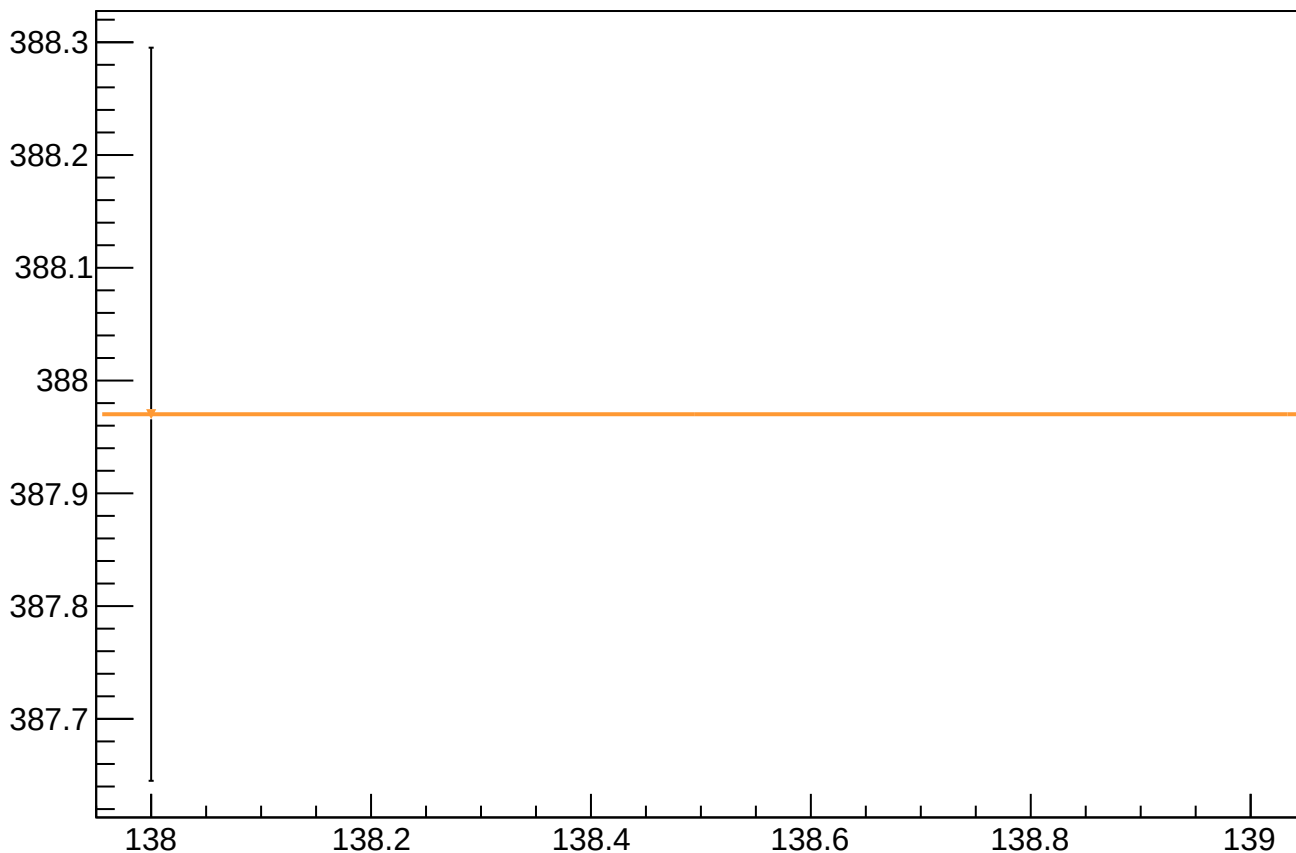
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 272.633+/-459.701 χ^2/NDF : 0.0/0

All: 272.633+/-459.701 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 387.970+/-0.325 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: 387.970+/-0.325 χ^2/NDF : 0.0/0

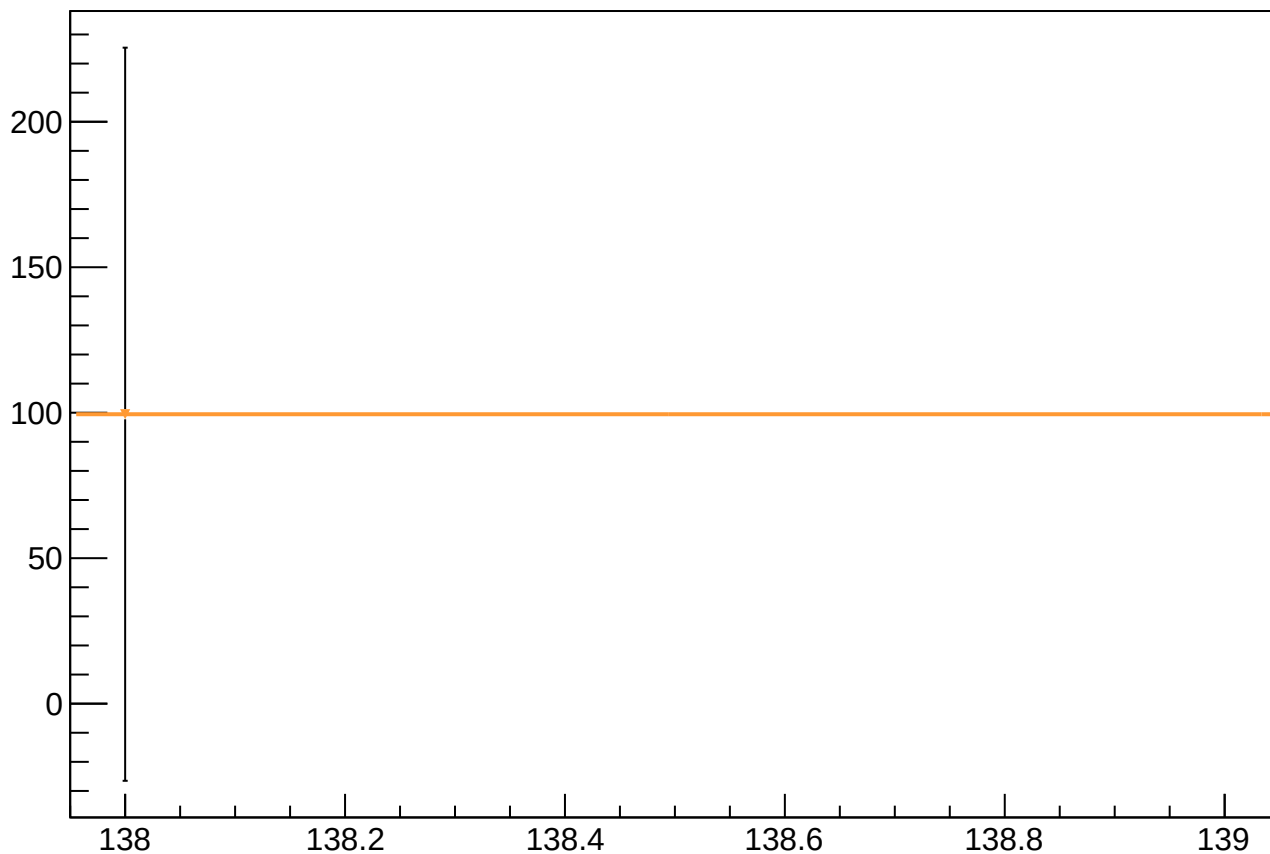
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 387.970+/-0.325 χ^2/NDF : 0.0/0

All: 387.970+/-0.325 χ^2/NDF : 0.0/0

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: 99.476+/-125.989 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: 99.476+/-125.989 χ^2/NDF : 0.0/0

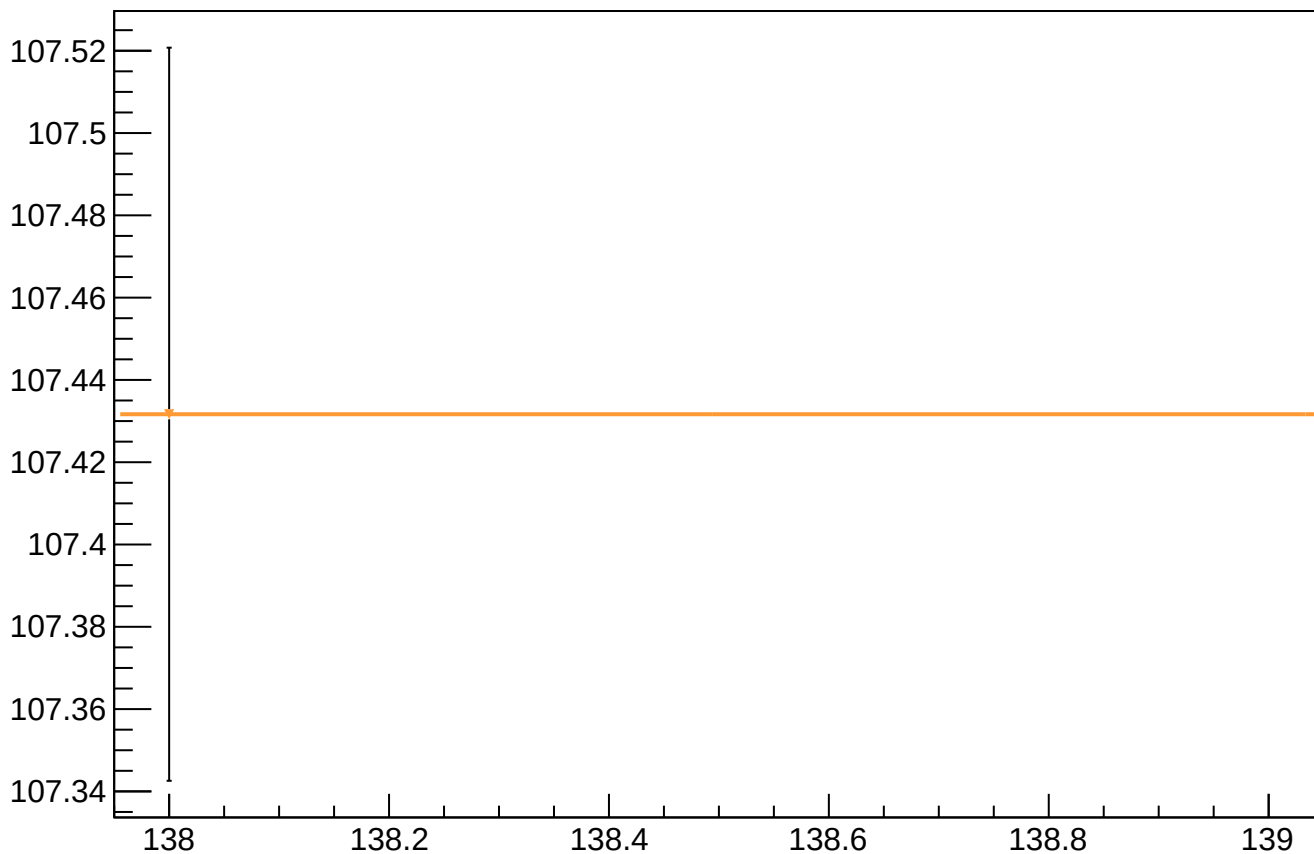
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 99.476+/-125.989 χ^2/NDF : 0.0/0

All: 99.476+/-125.989 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 107.432+/-0.089 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: 107.432+/-0.089 χ^2/NDF : 0.0/0

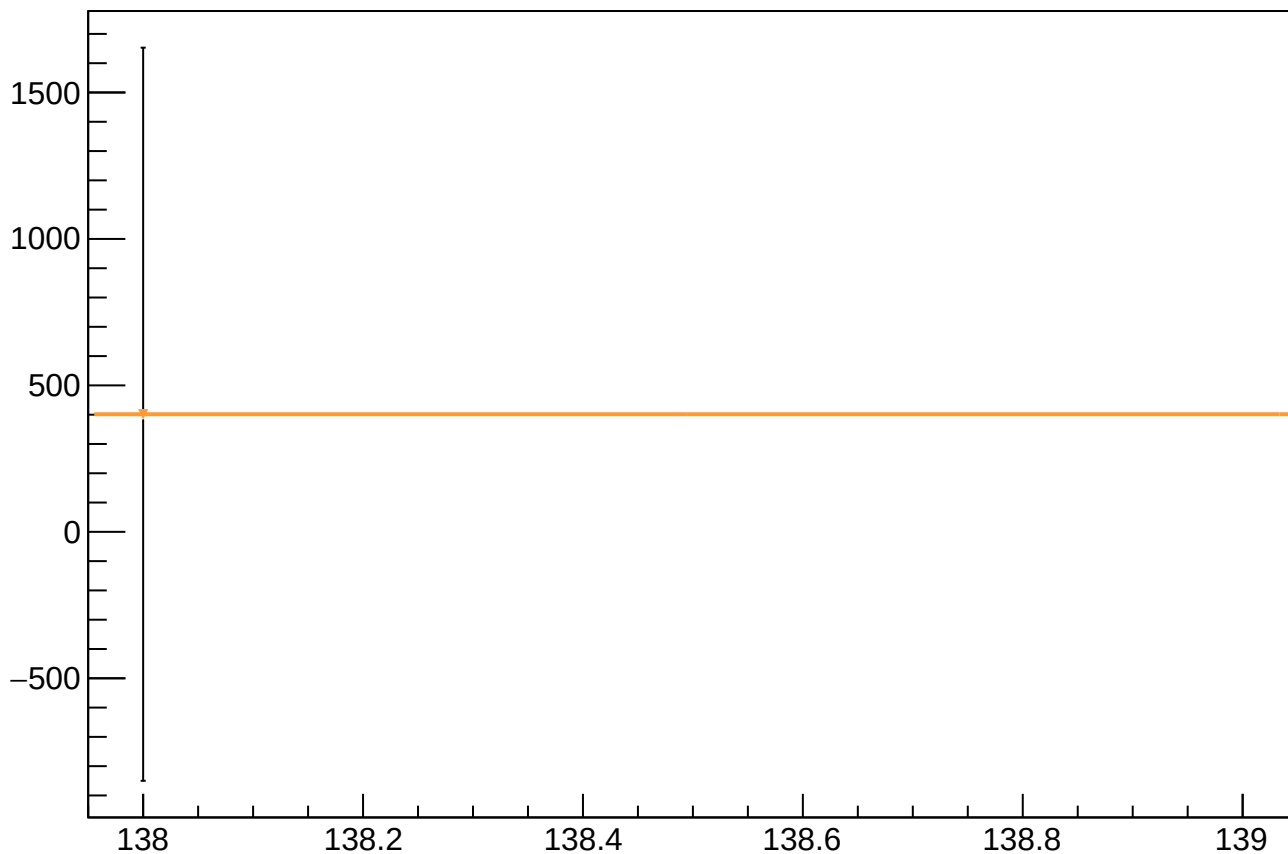
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 107.432+/-0.089 χ^2/NDF : 0.0/0

All: 107.432+/-0.089 χ^2/NDF : 0.0/0

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: 401.519+/-1251.480 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: 401.519+/-1251.480 χ^2/NDF : 0.0/0

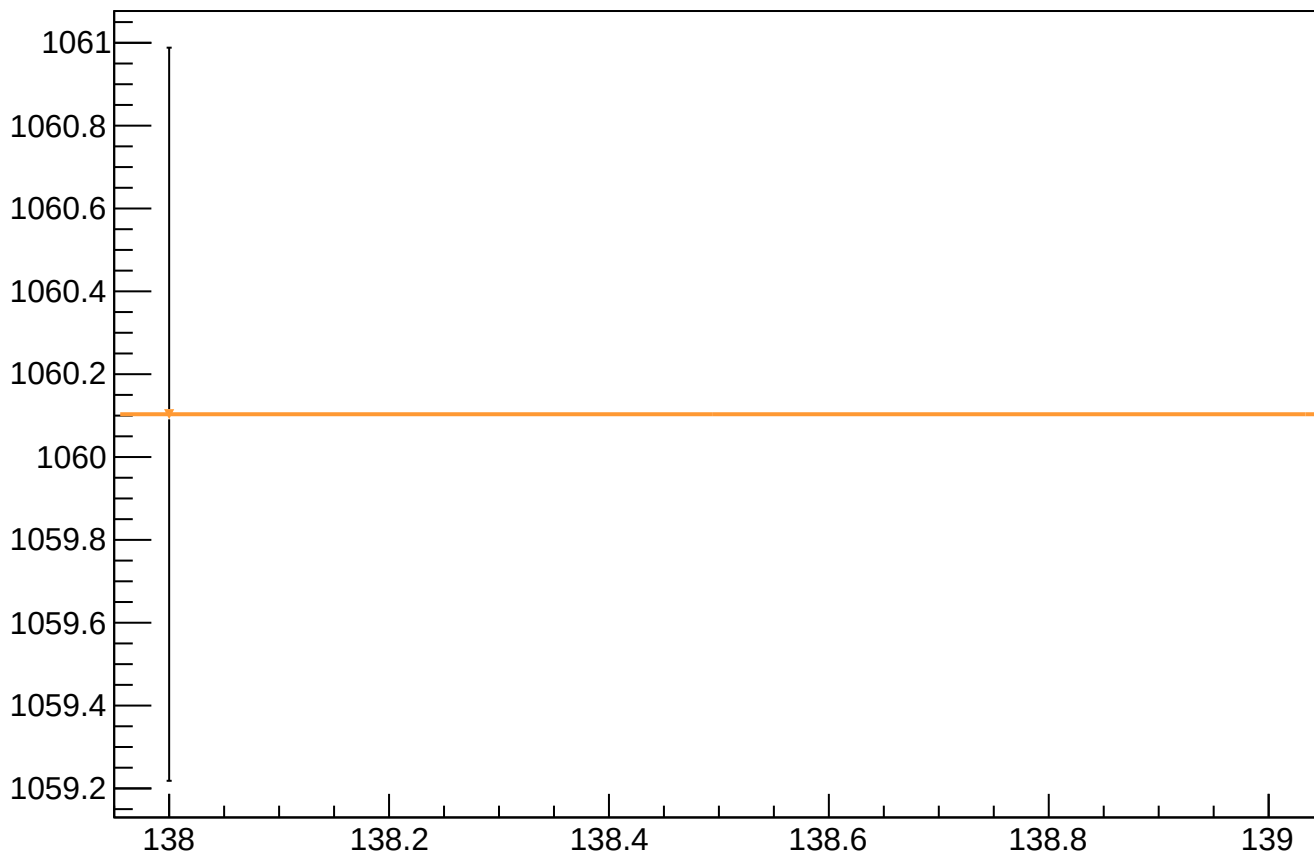
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 401.519+/-1251.480 χ^2/NDF : 0.0/0

All: 401.519+/-1251.480 χ^2/NDF : 0.0/0

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: 1060.103+/-0.885 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: 1060.103+/-0.885 χ^2/NDF : 0.0/0

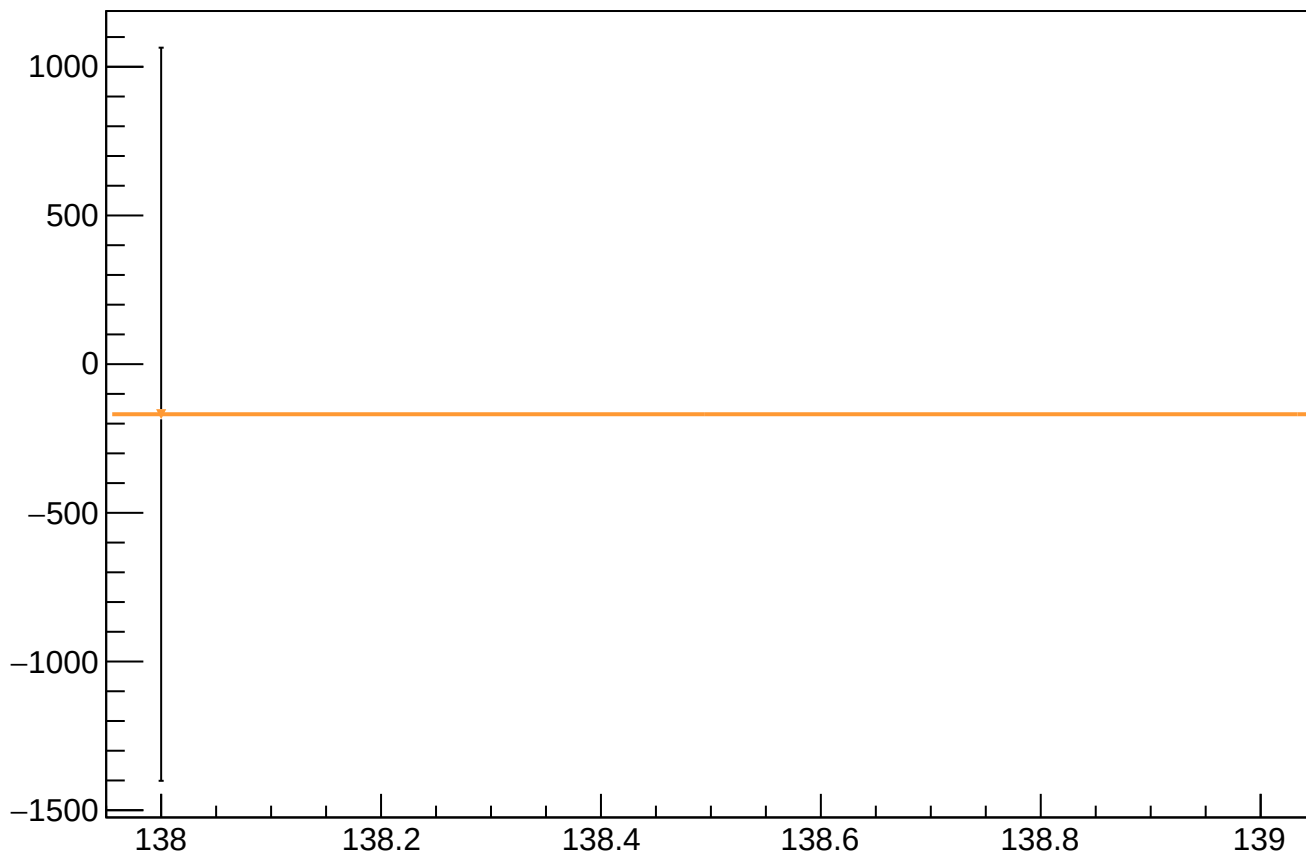
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1060.103+/-0.885 χ^2/NDF : 0.0/0

All: 1060.103+/-0.885 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: -168.416 ± 1232.699 $\chi^2/NDF: 0.0/0$

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

Left In: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Left: -168.416 ± 1232.699 $\chi^2/NDF: 0.0/0$

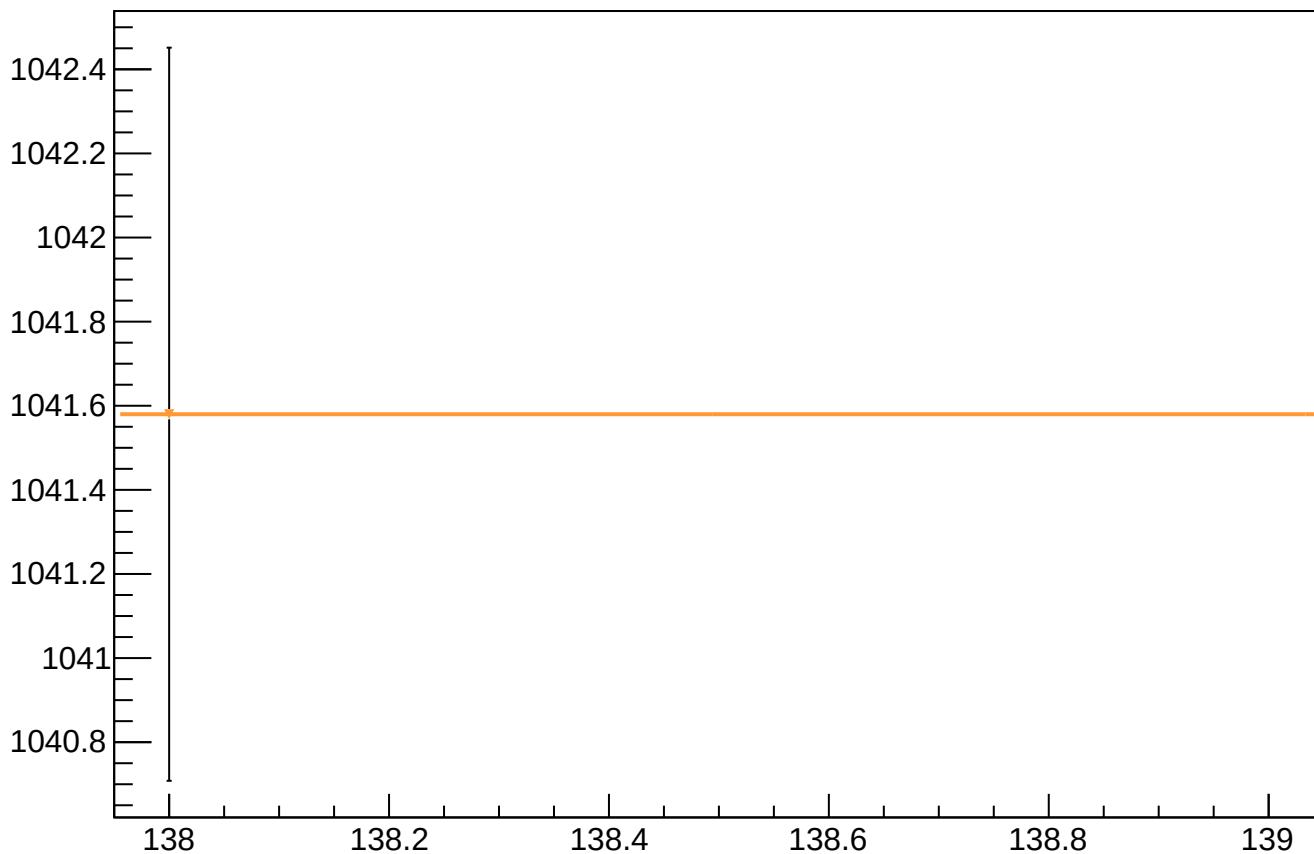
Right: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

In: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Out: -168.416 ± 1232.699 $\chi^2/NDF: 0.0/0$

All: -168.416 ± 1232.699 $\chi^2/NDF: 0.0/0$

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 1041.580+/-0.872 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: 1041.580+/-0.872 χ^2/NDF : 0.0/0

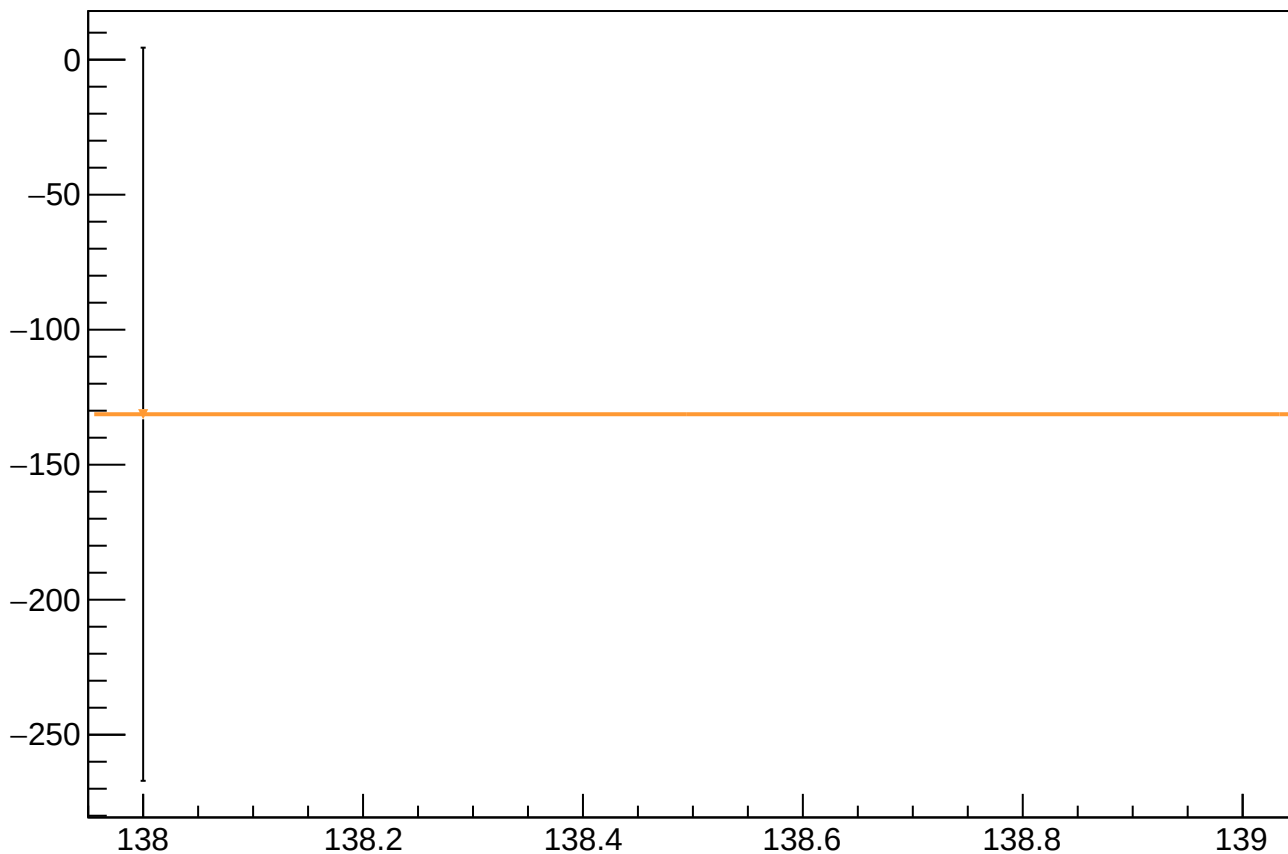
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1041.580+/-0.872 χ^2/NDF : 0.0/0

All: 1041.580+/-0.872 χ^2/NDF : 0.0/0

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: -131.308+/-135.756 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: -131.308+/-135.756 χ^2/NDF : 0.0/0

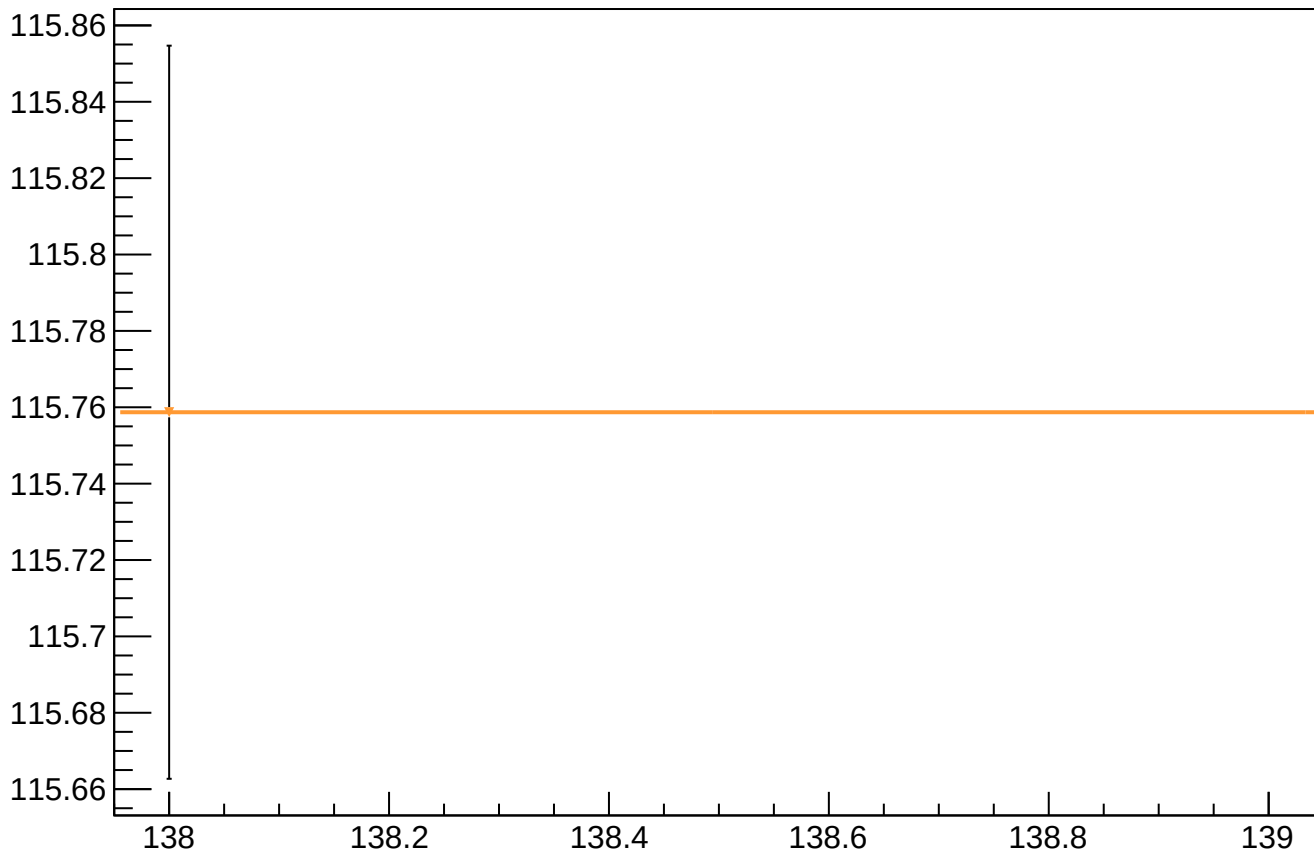
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -131.308+/-135.756 χ^2/NDF : 0.0/0

All: -131.308+/-135.756 χ^2/NDF : 0.0/0

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: 115.759+/-0.096 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: 115.759+/-0.096 χ^2/NDF : 0.0/0

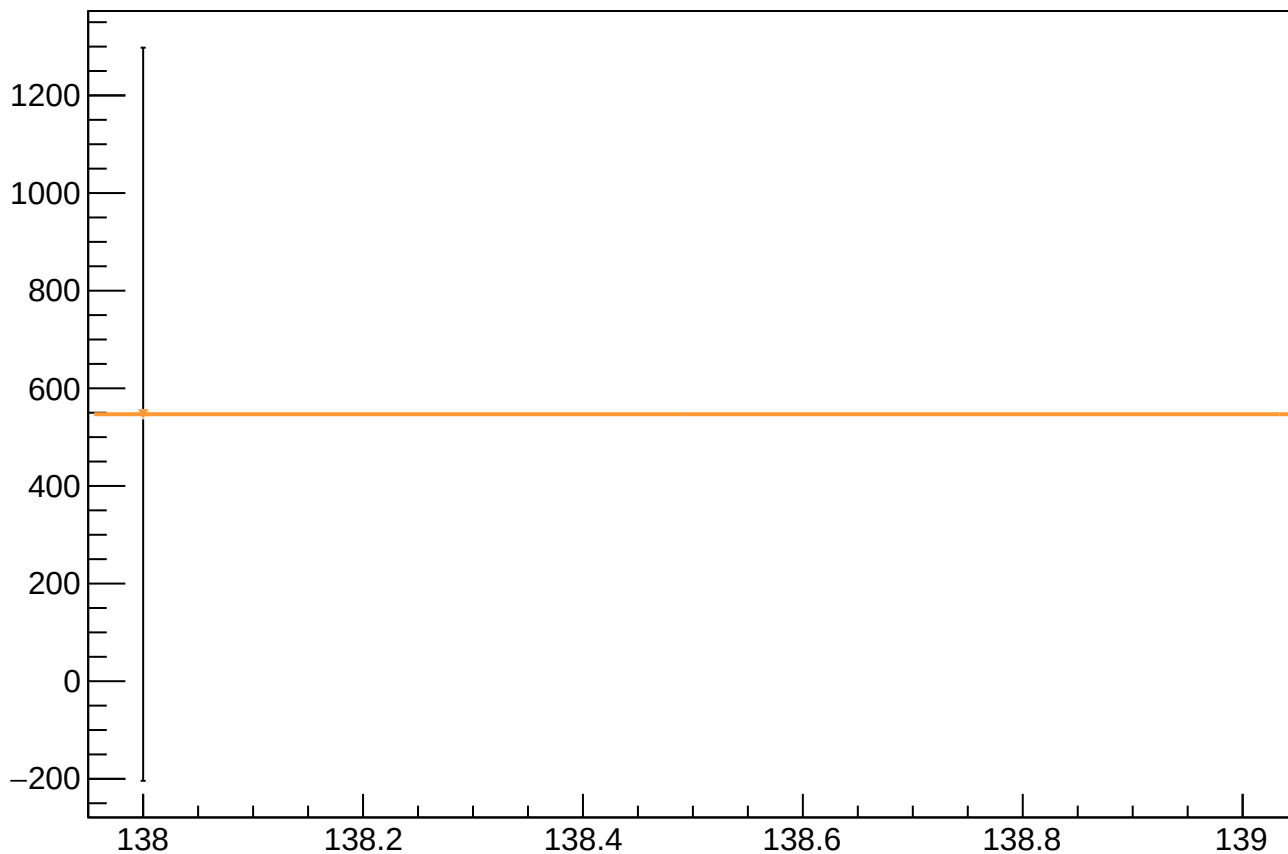
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 115.759+/-0.096 χ^2/NDF : 0.0/0

All: 115.759+/-0.096 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 546.906+/-750.918 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: 546.906+/-750.918 χ^2/NDF : 0.0/0

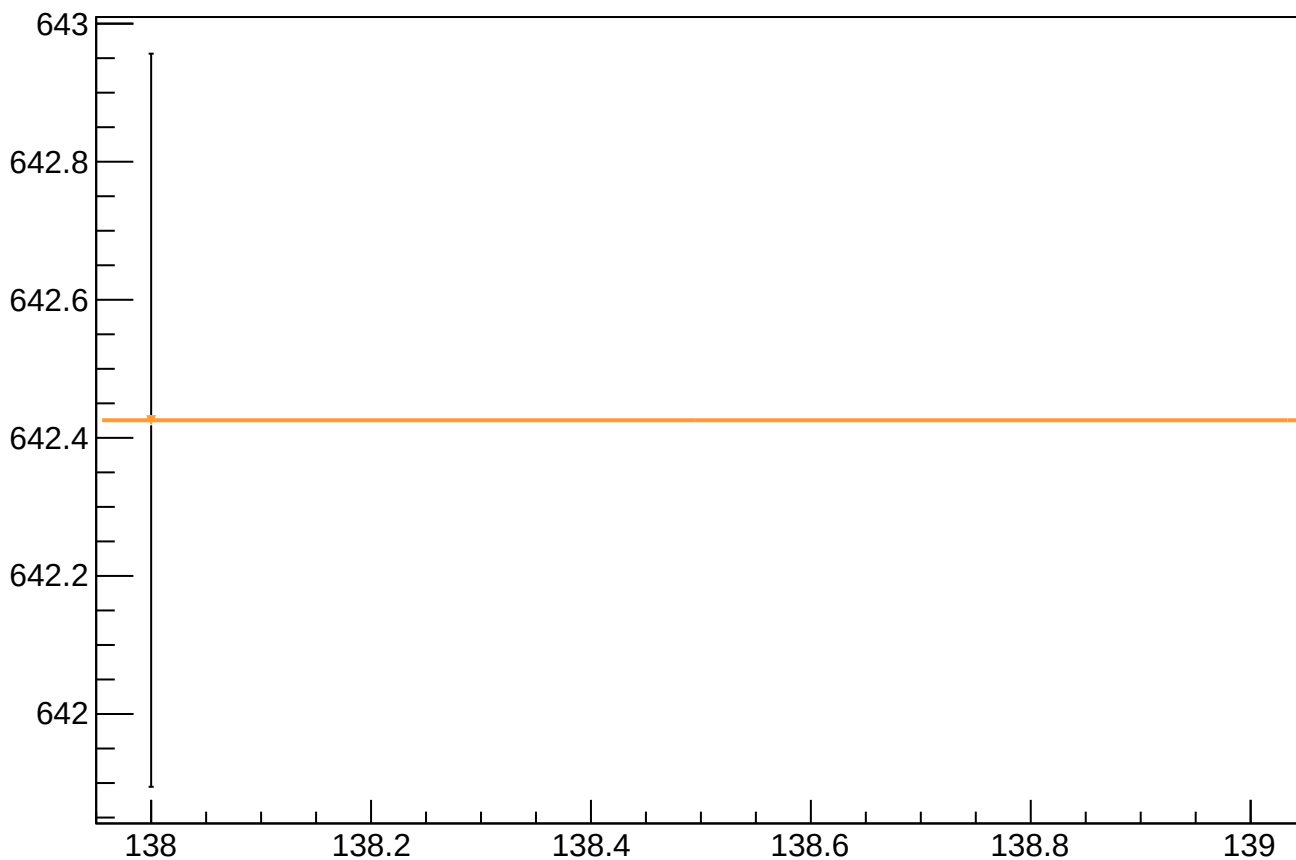
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 546.906+/-750.918 χ^2/NDF : 0.0/0

All: 546.906+/-750.918 χ^2/NDF : 0.0/0

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: 642.426+/-0.531 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: 642.426+/-0.531 χ^2 /NDF: 0.0/0

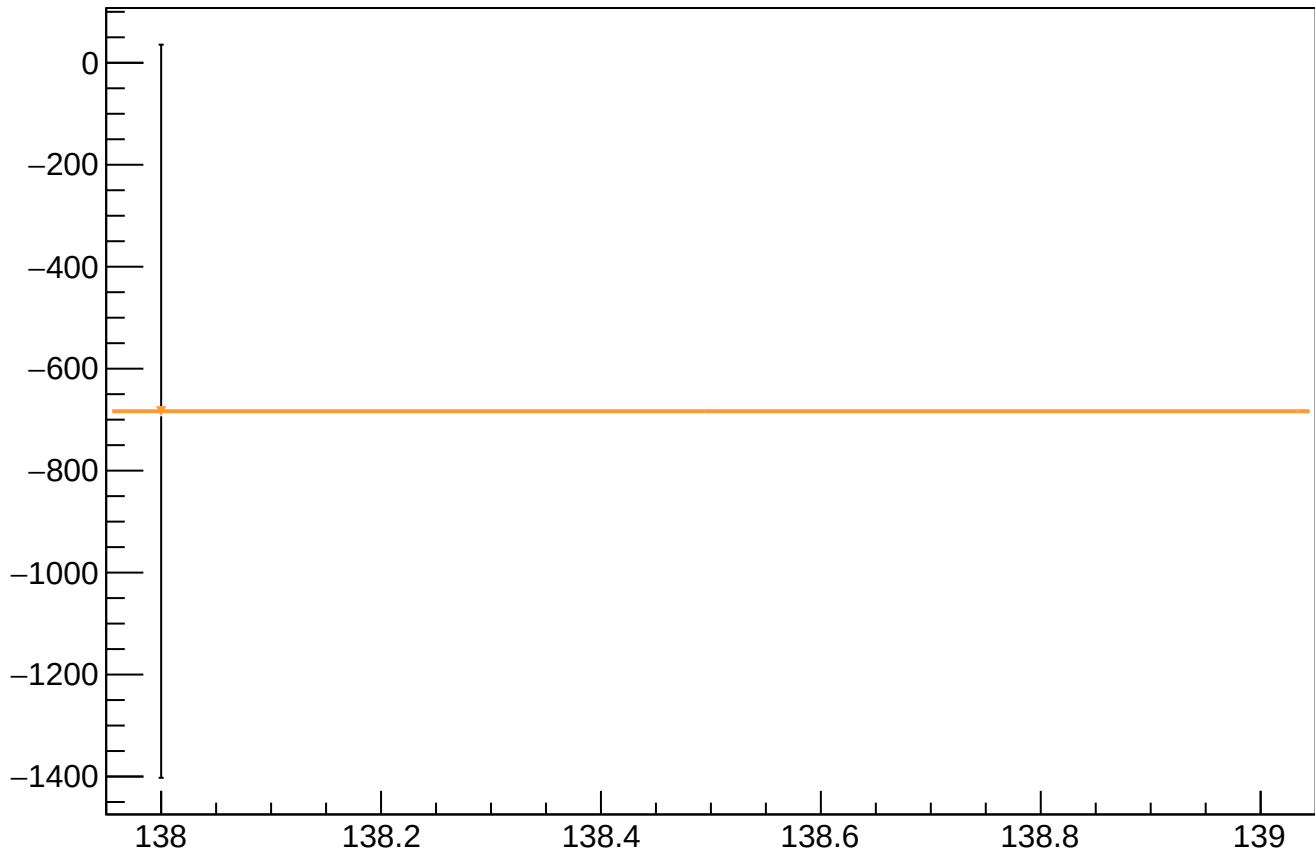
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 642.426+/-0.531 χ^2 /NDF:0.0/0

All: 642.426+/-0.531 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -683.475 ± 719.022 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: -683.475 ± 719.022 χ^2/NDF : 0.0/0

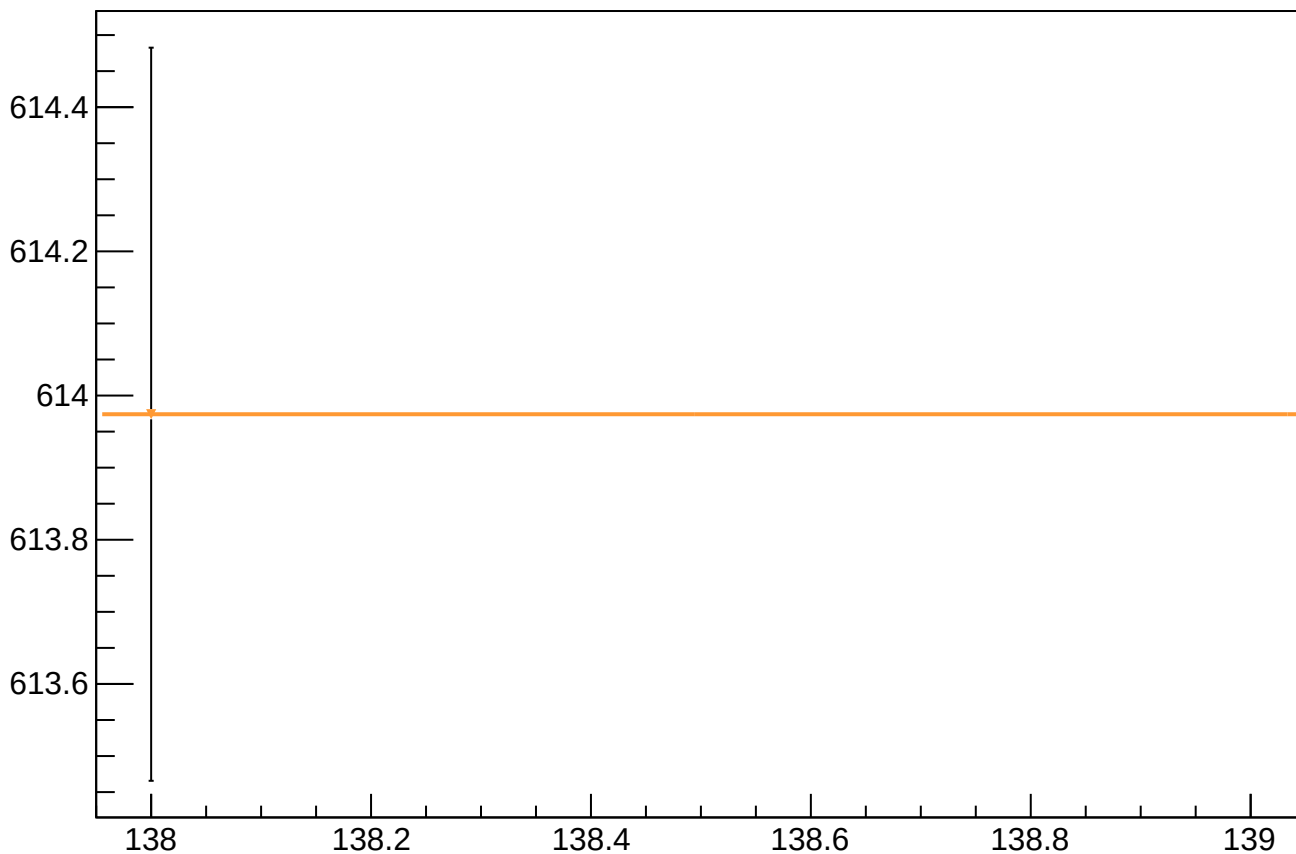
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Out: -683.475 ± 719.022 χ^2/NDF : 0.0/0

All: -683.475 ± 719.022 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 613.974+/-0.508 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: 613.974+/-0.508 χ^2/NDF : 0.0/0

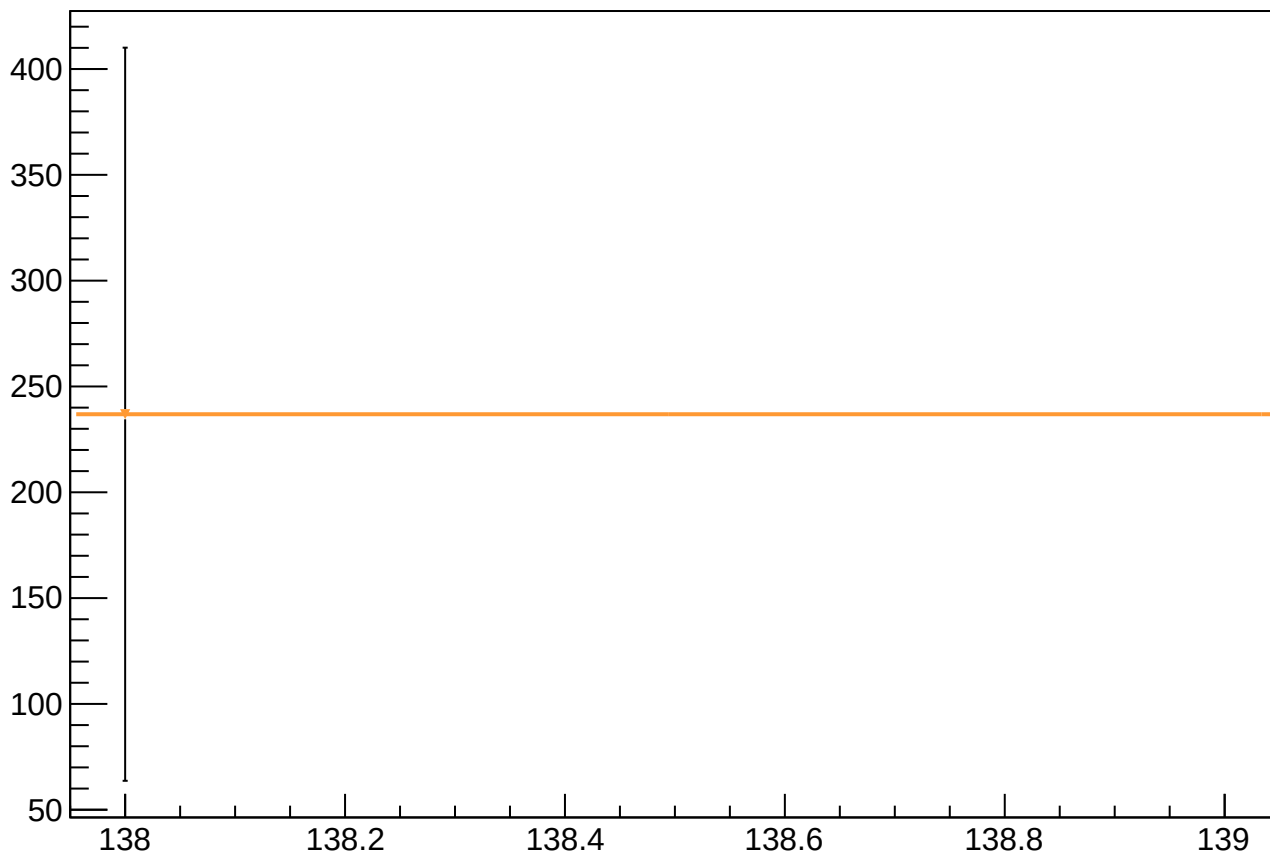
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 613.974+/-0.508 χ^2/NDF : 0.0/0

All: 613.974+/-0.508 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 236.881+/-173.207 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: 236.881+/-173.207 χ^2/NDF : 0.0/0

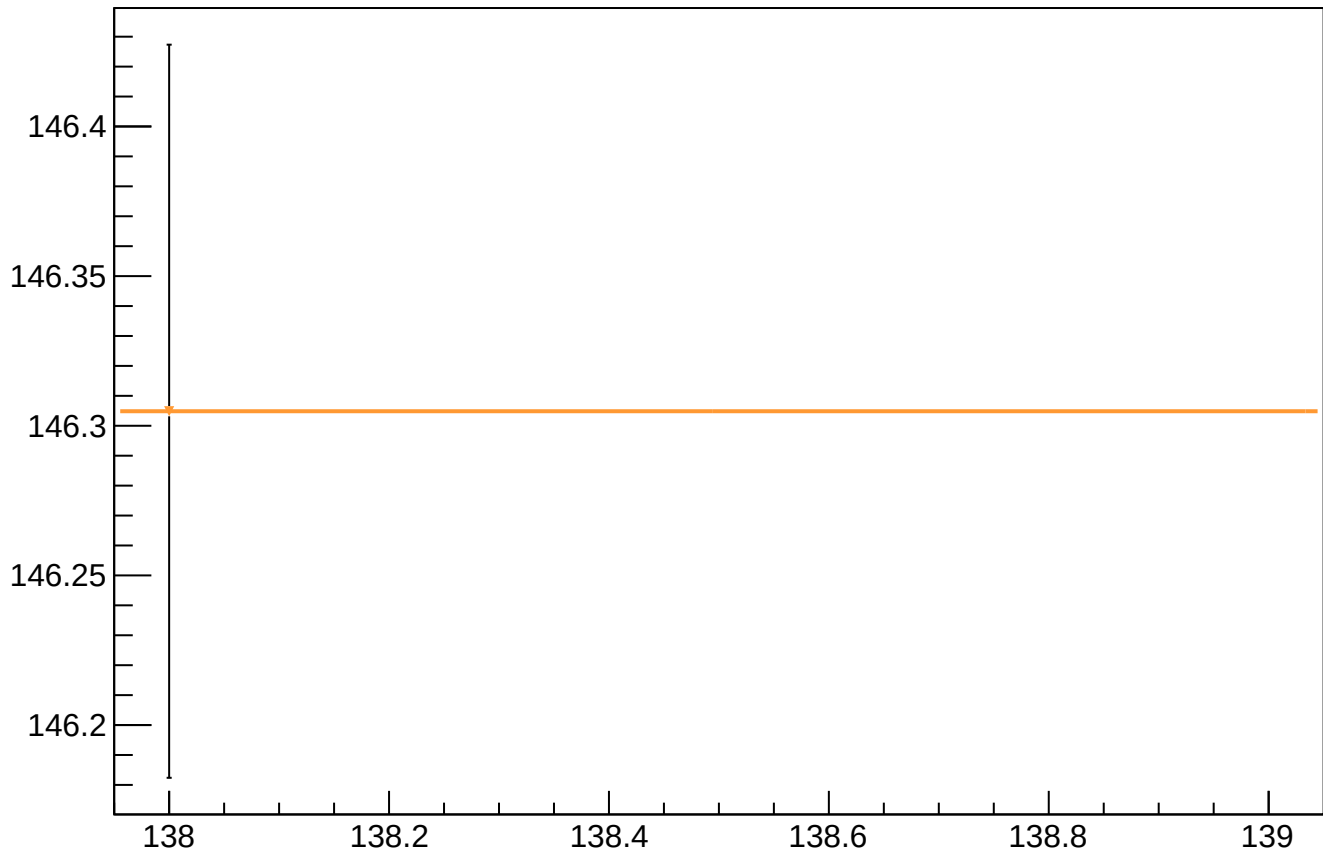
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 236.881+/-173.207 χ^2/NDF : 0.0/0

All: 236.881+/-173.207 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 146.305+/-0.122 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: 146.305+/-0.122 χ^2/NDF : 0.0/0

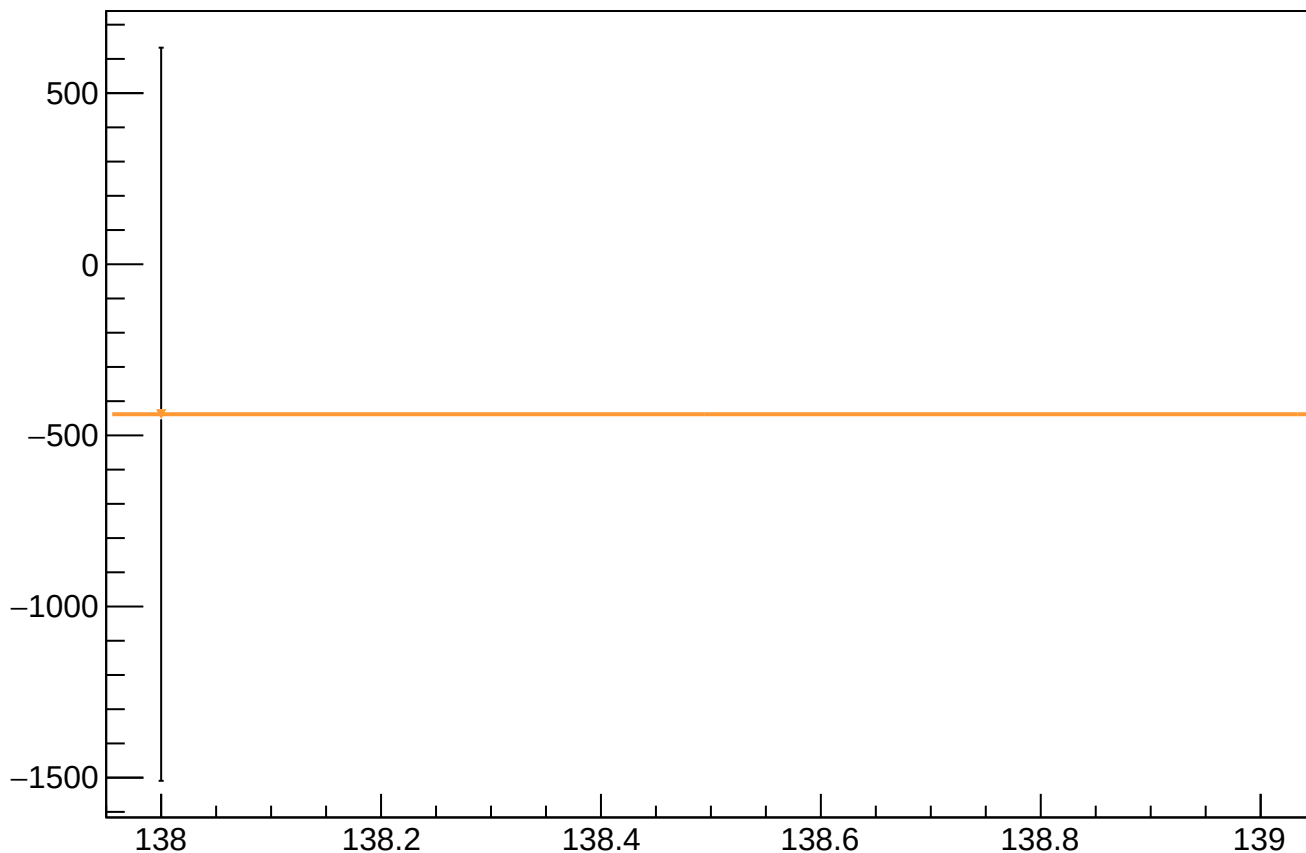
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 146.305+/-0.122 χ^2/NDF : 0.0/0

All: 146.305+/-0.122 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -438.169+/-1071.010 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: -438.169+/-1071.010 χ^2/NDF : 0.0/0

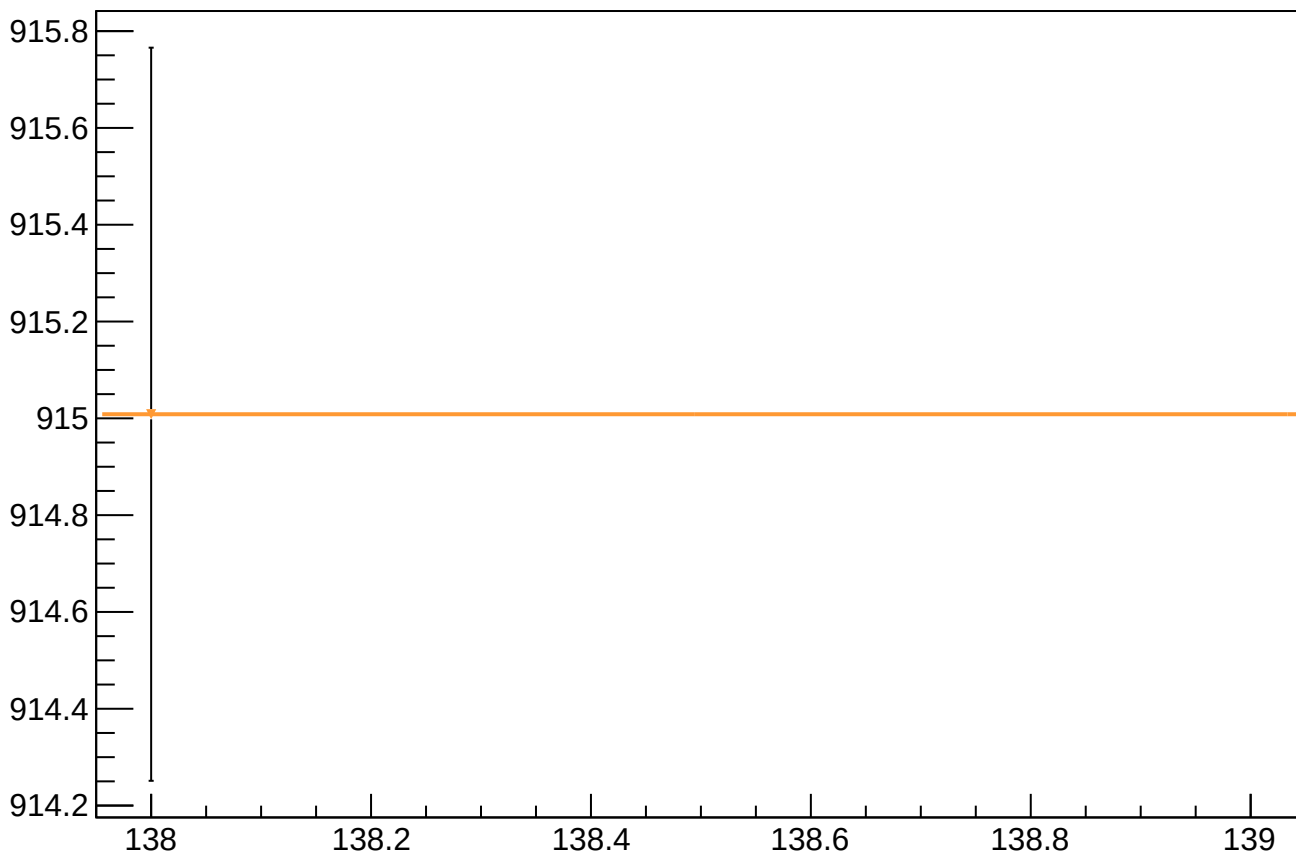
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -438.169+/-1071.010 χ^2/NDF : 0.0/0

All: -438.169+/-1071.010 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 915.008+/-0.757 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: 915.008+/-0.757 χ^2/NDF : 0.0/0

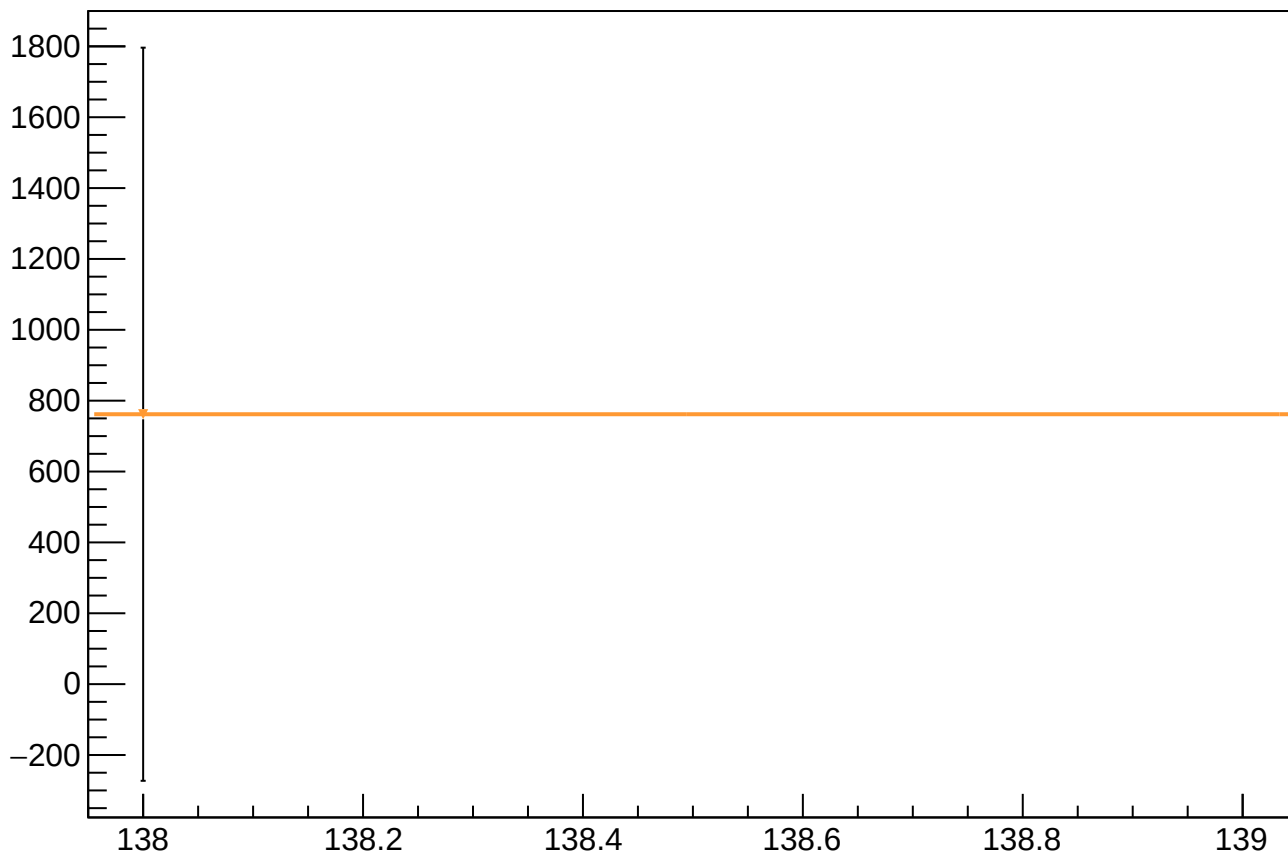
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 915.008+/-0.757 χ^2/NDF : 0.0/0

All: 915.008+/-0.757 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 761.735+/-1034.544 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: 761.735+/-1034.544 χ^2/NDF : 0.0/0

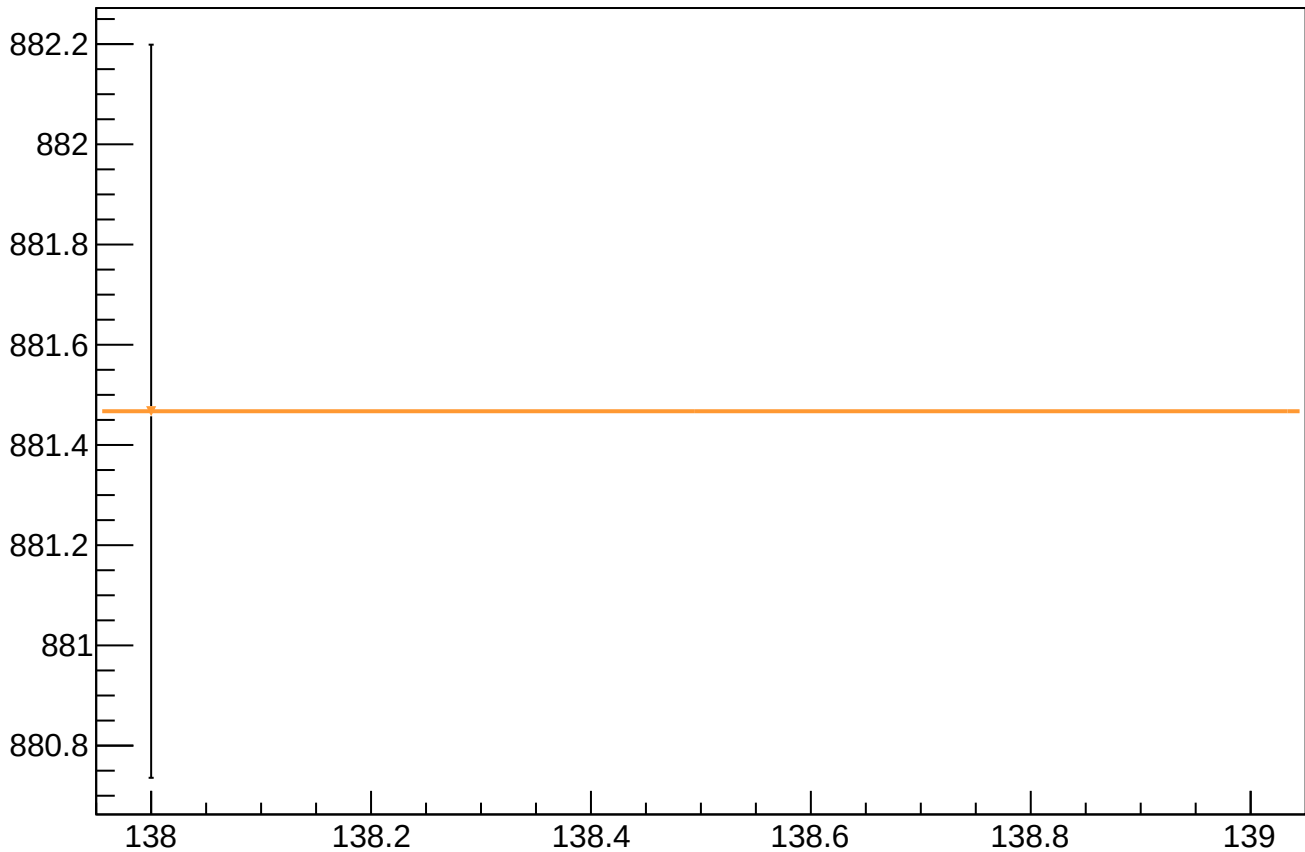
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 761.735+/-1034.544 χ^2/NDF : 0.0/0

All: 761.735+/-1034.544 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 881.467+/-0.732 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: 881.467+/-0.732 χ^2/NDF : 0.0/0

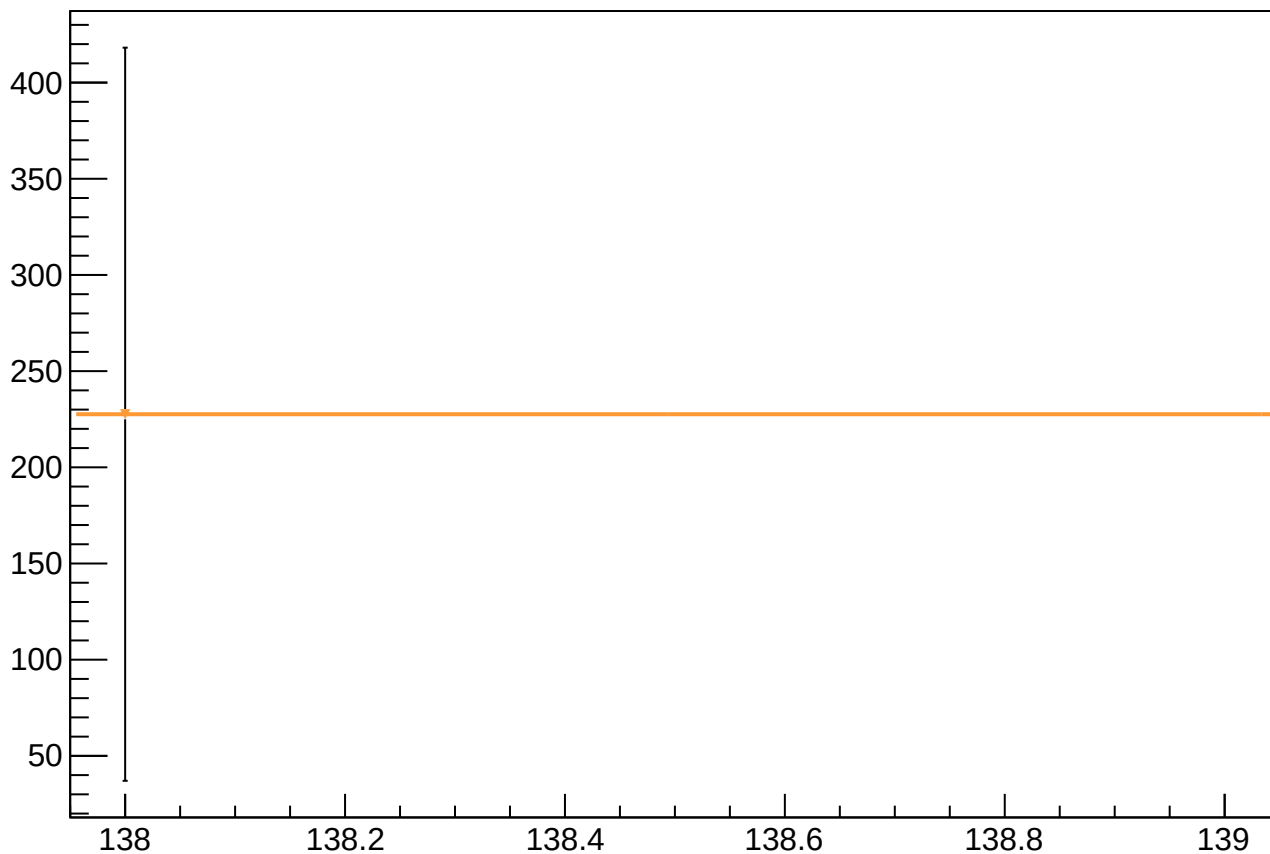
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 881.467+/-0.732 χ^2/NDF : 0.0/0

All: 881.467+/-0.732 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 227.596+/-190.555 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: 227.596+/-190.555 χ^2/NDF : 0.0/0

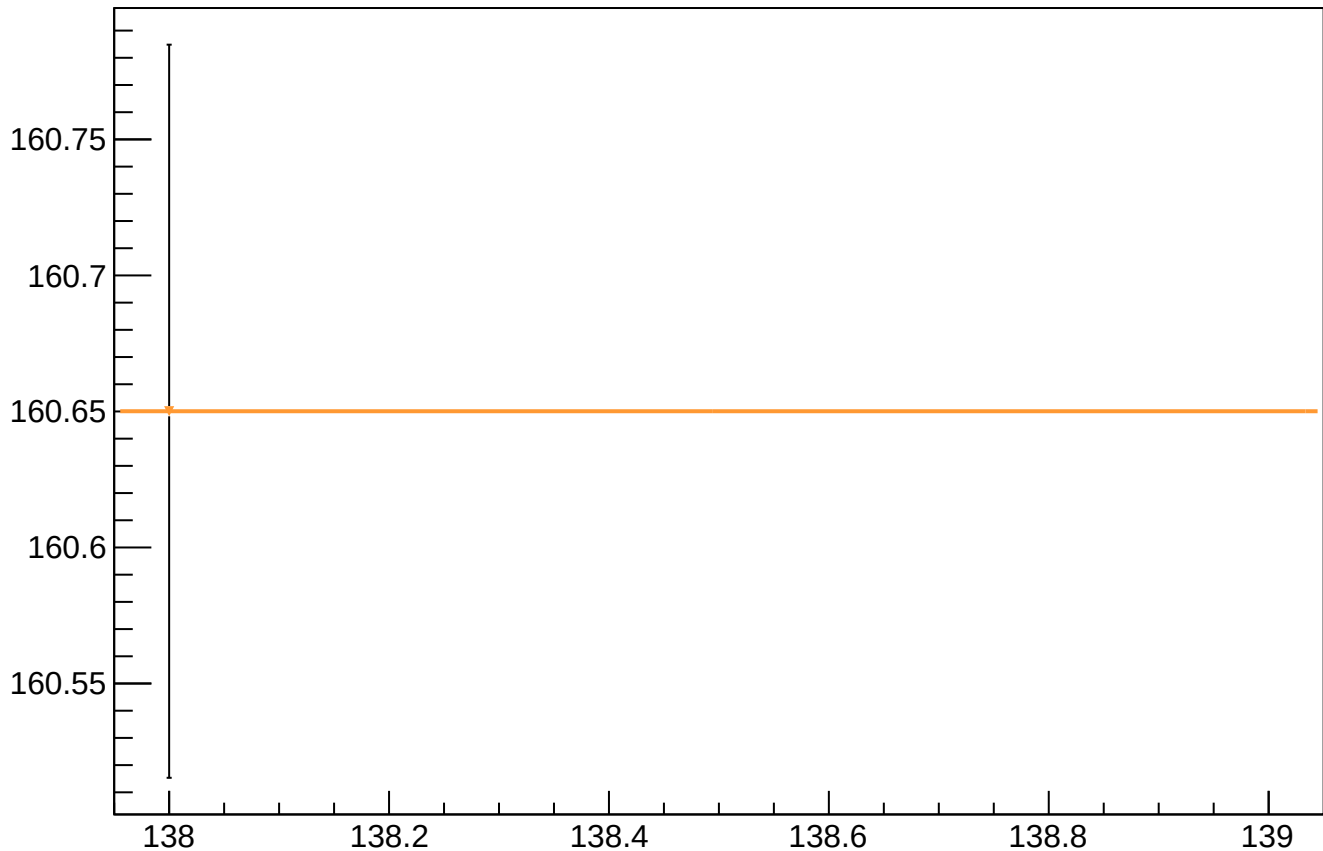
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 227.596+/-190.555 χ^2/NDF : 0.0/0

All: 227.596+/-190.555 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 160.650+/-0.135 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: 160.650+/-0.135 χ^2/NDF : 0.0/0

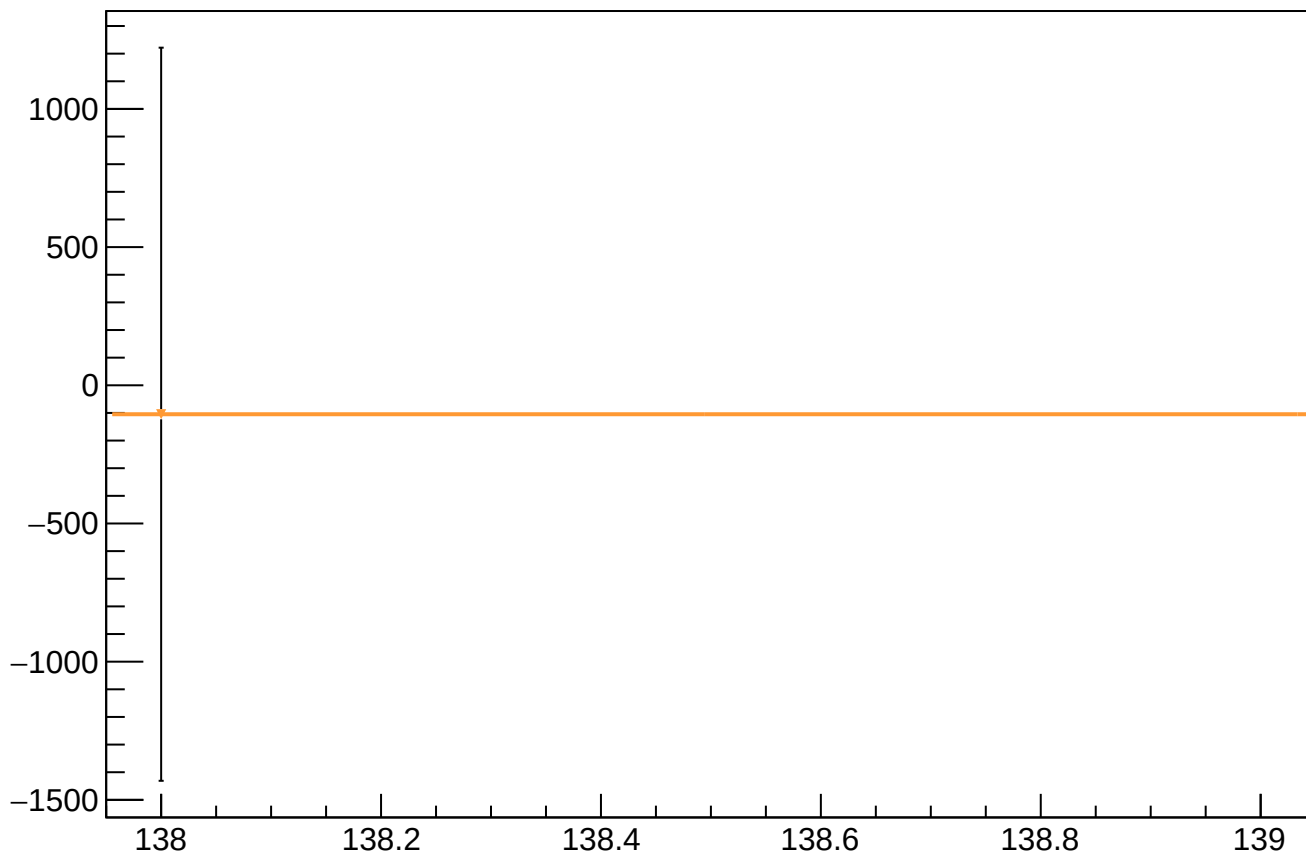
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 160.650+/-0.135 χ^2/NDF : 0.0/0

All: 160.650+/-0.135 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -104.711 ± 1326.321 $\chi^2/\text{NDF}: 0.0/0$

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

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

Left: -104.711 ± 1326.321 $\chi^2/\text{NDF}: 0.0/0$

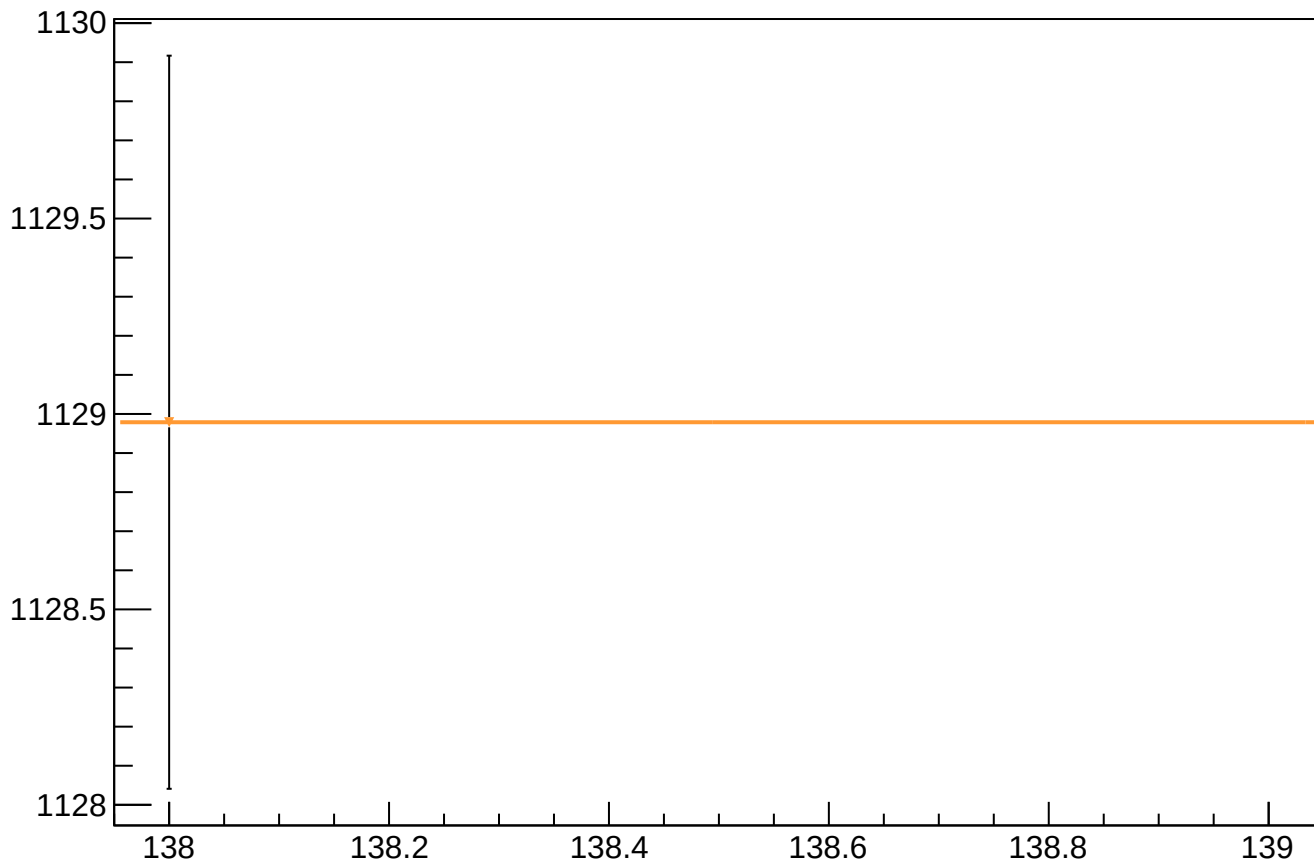
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Out: -104.711 ± 1326.321 $\chi^2/\text{NDF}: 0.0/0$

All: -104.711 ± 1326.321 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1128.979+/-0.938 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: 1128.979+/-0.938 χ^2/NDF : 0.0/0

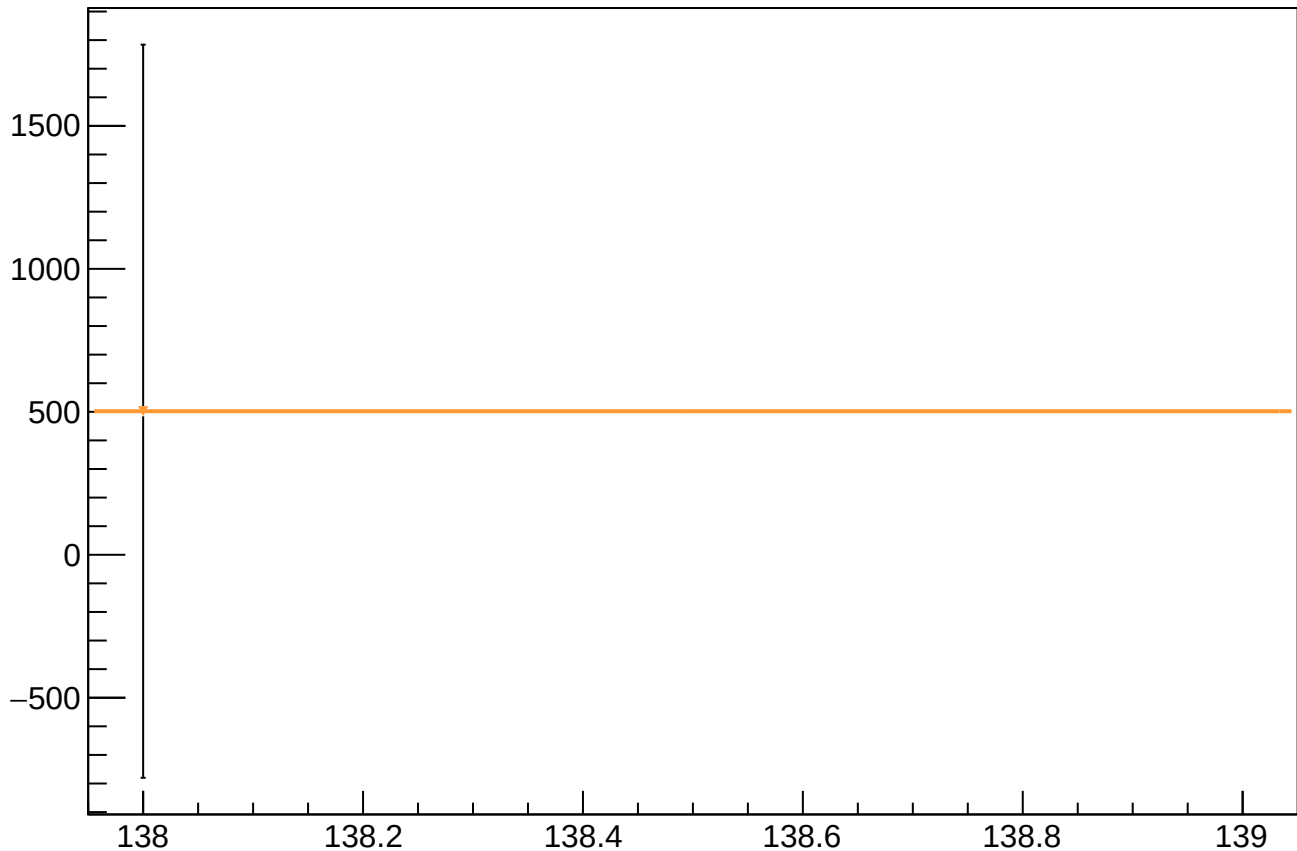
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1128.979+/-0.938 χ^2/NDF : 0.0/0

All: 1128.979+/-0.938 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 502.043+/-1282.050 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: 502.043+/-1282.050 χ^2/NDF : 0.0/0

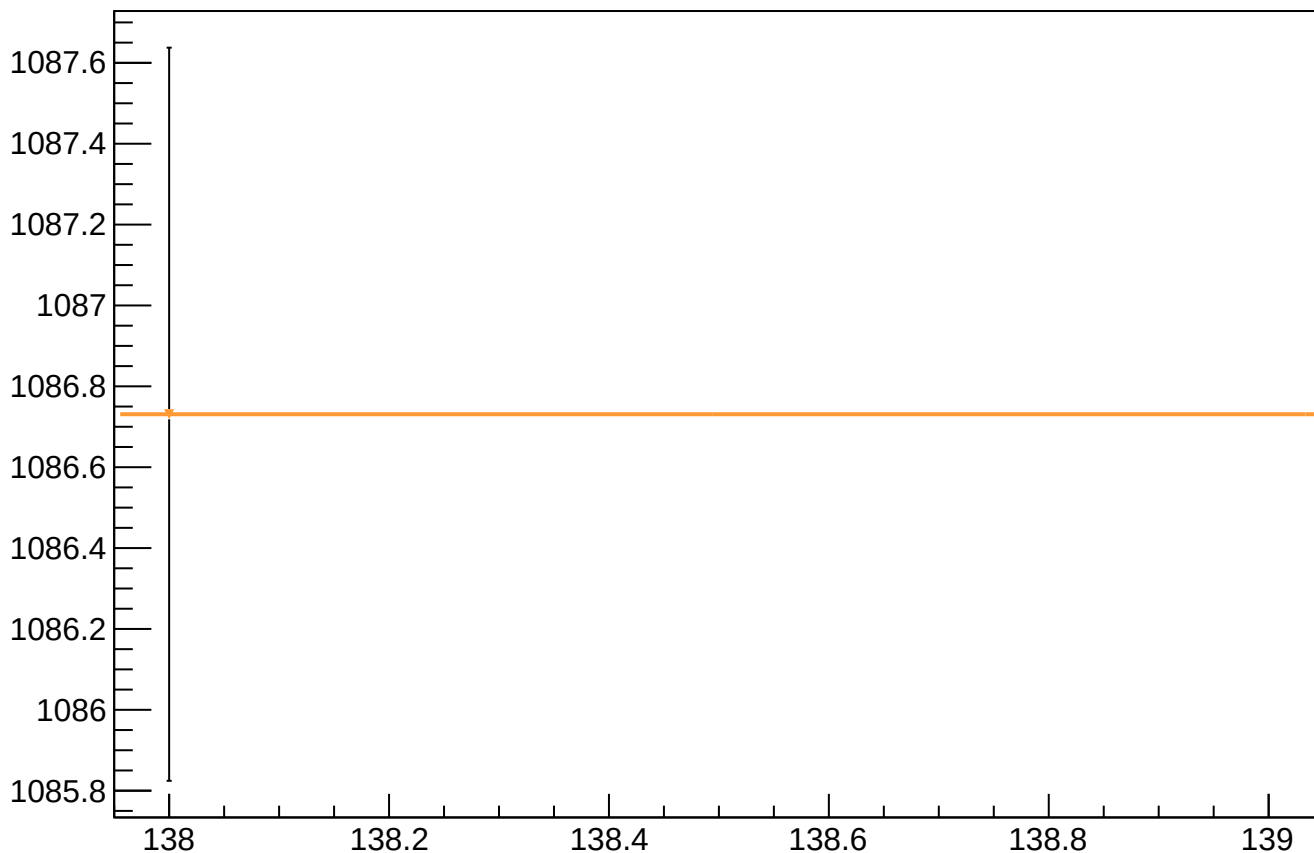
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 502.043+/-1282.050 χ^2/NDF : 0.0/0

All: 502.043+/-1282.050 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 1086.731+/-0.907 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: 1086.731+/-0.907 χ^2/NDF : 0.0/0

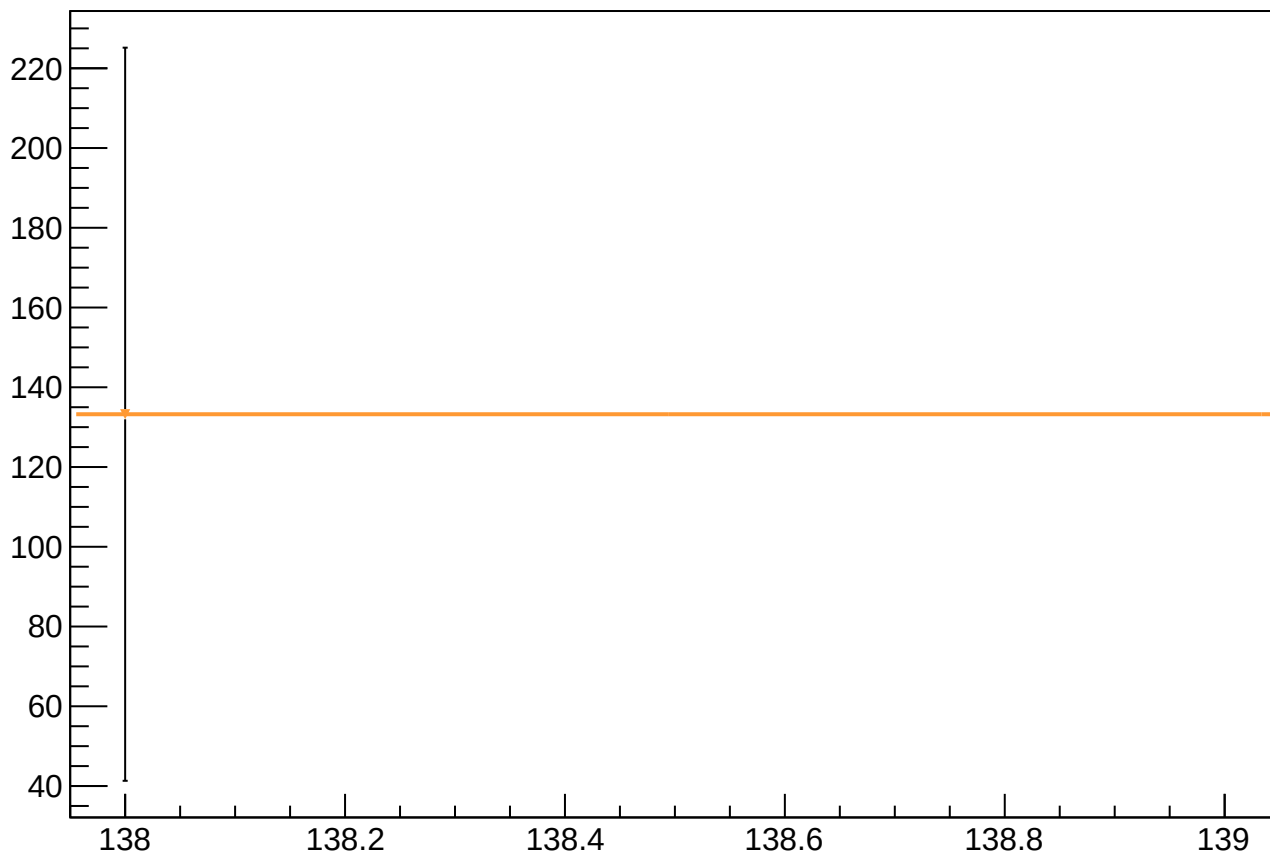
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 1086.731+/-0.907 χ^2/NDF : 0.0/0

All: 1086.731+/-0.907 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 133.239+/-91.928 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: 133.239+/-91.928 χ^2/NDF : 0.0/0

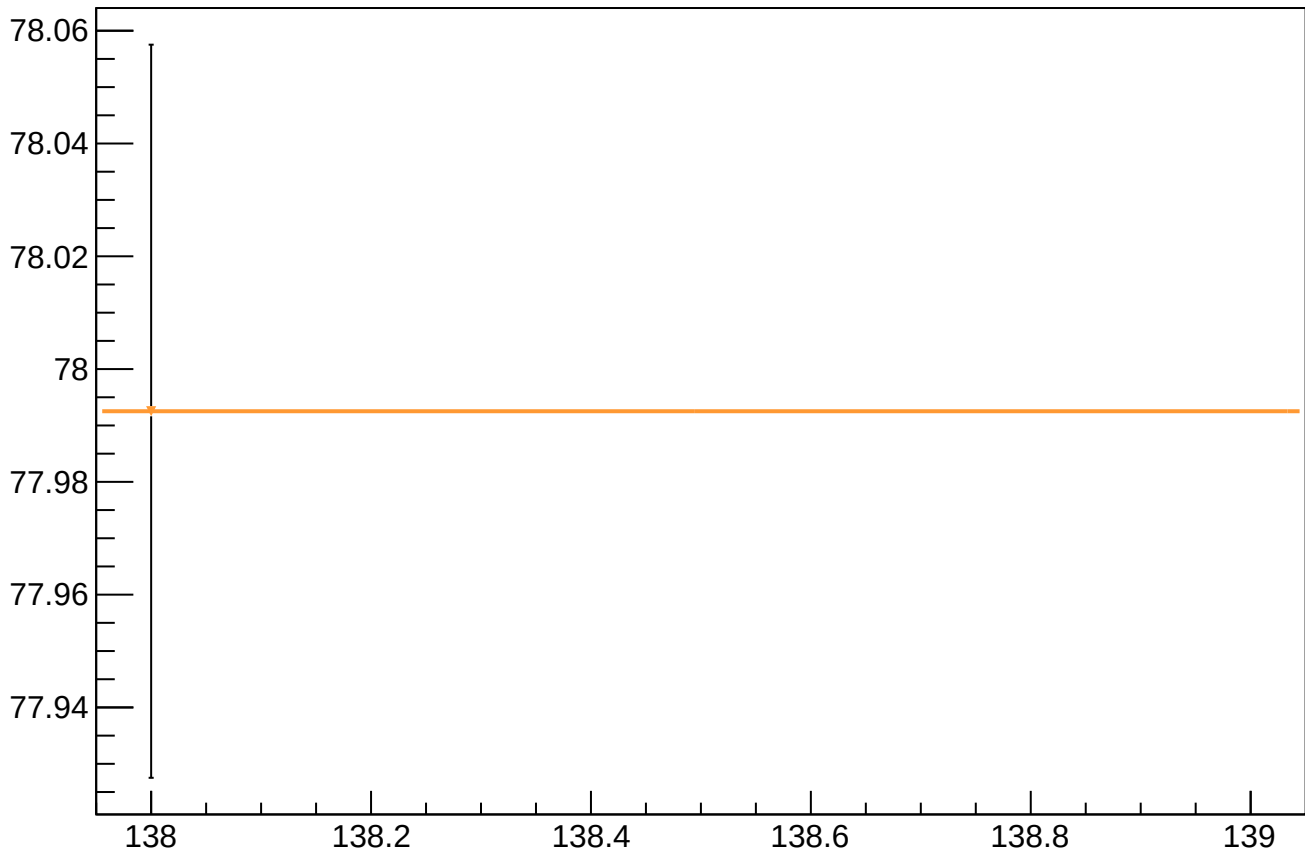
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 133.239+/-91.928 χ^2/NDF : 0.0/0

All: 133.239+/-91.928 χ^2/NDF : 0.0/0

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: 77.993 $\pm$ 0.065 χ^2 /NDF: 0.0/0

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

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

Left: 77.993 $\pm$ 0.065 χ^2 /NDF: 0.0/0

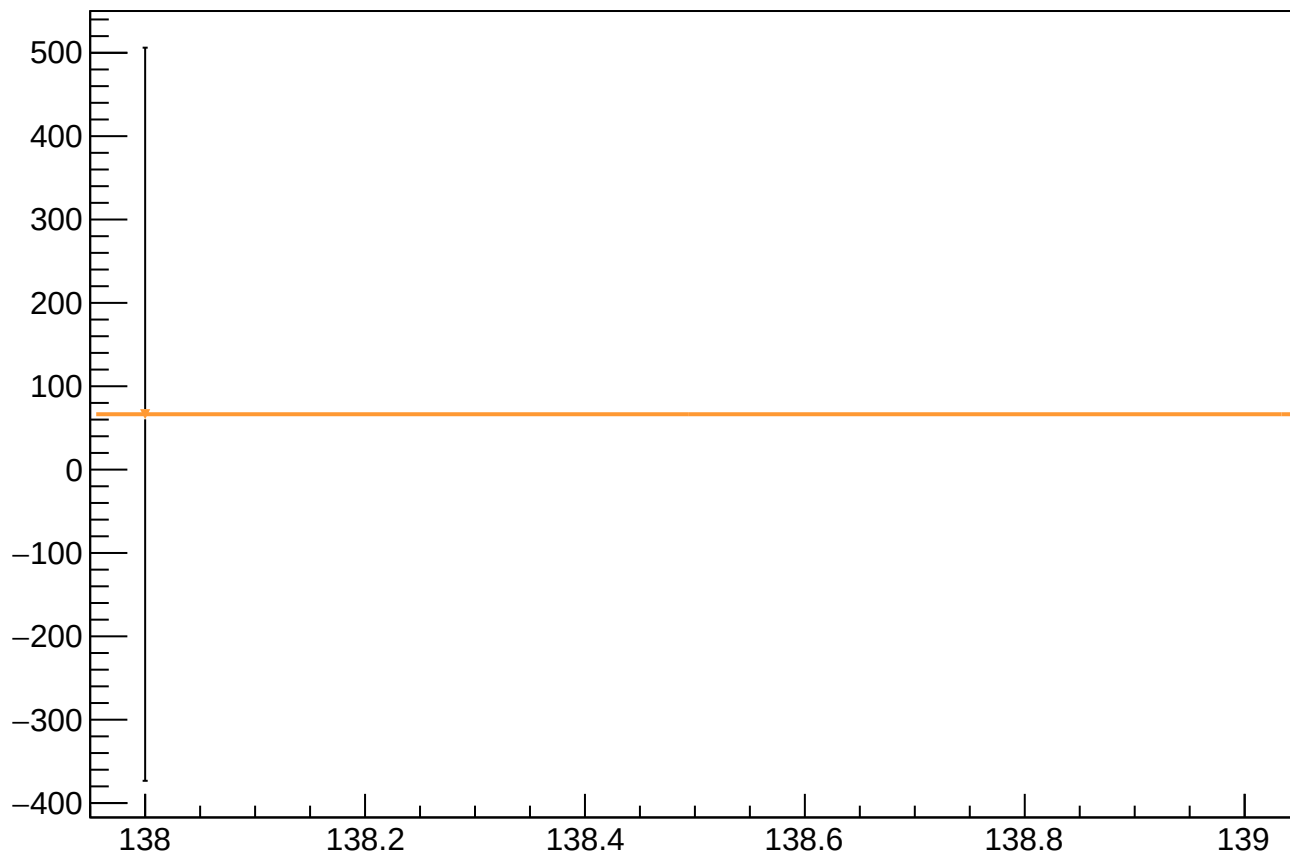
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 77.993 $\pm$ 0.065 χ^2 /NDF: 0.0/0

All: 77.993 $\pm$ 0.065 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 66.428+/-439.725 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: 66.428+/-439.725 χ^2/NDF : 0.0/0

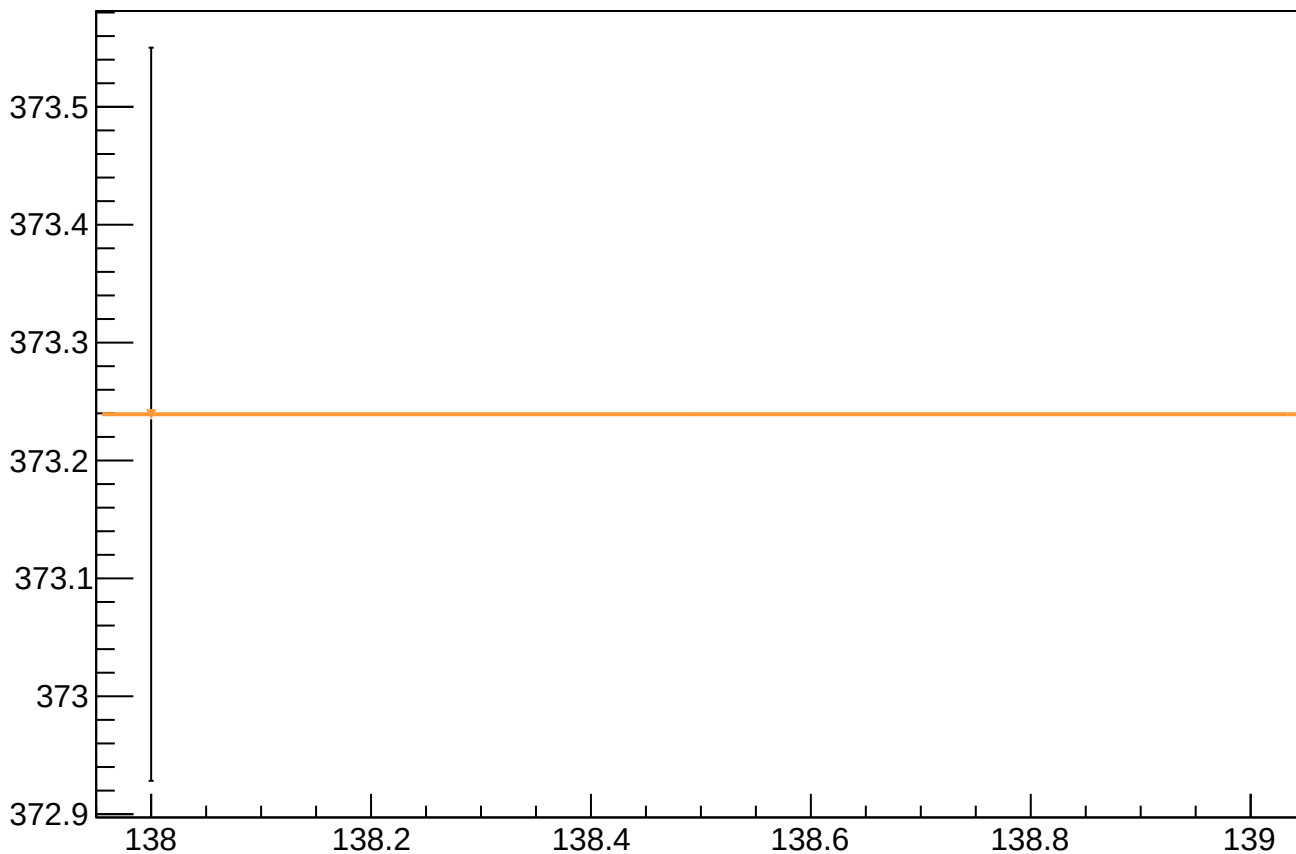
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 66.428+/-439.725 χ^2/NDF : 0.0/0

All: 66.428+/-439.725 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 373.239+/-0.311 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: 373.239+/-0.311 χ^2/NDF : 0.0/0

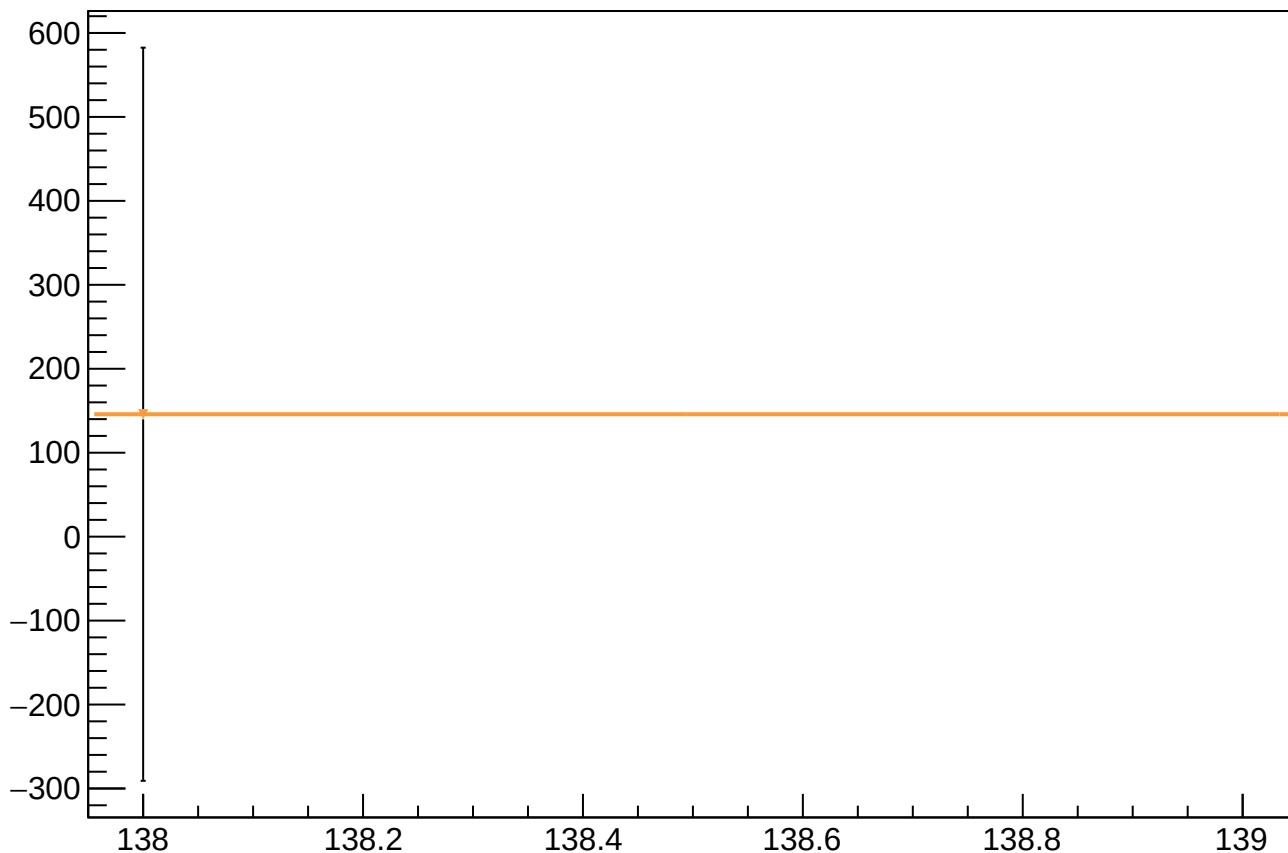
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 373.239+/-0.311 χ^2/NDF : 0.0/0

All: 373.239+/-0.311 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 145.833+/-436.665 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: 145.833+/-436.665 χ^2/NDF : 0.0/0

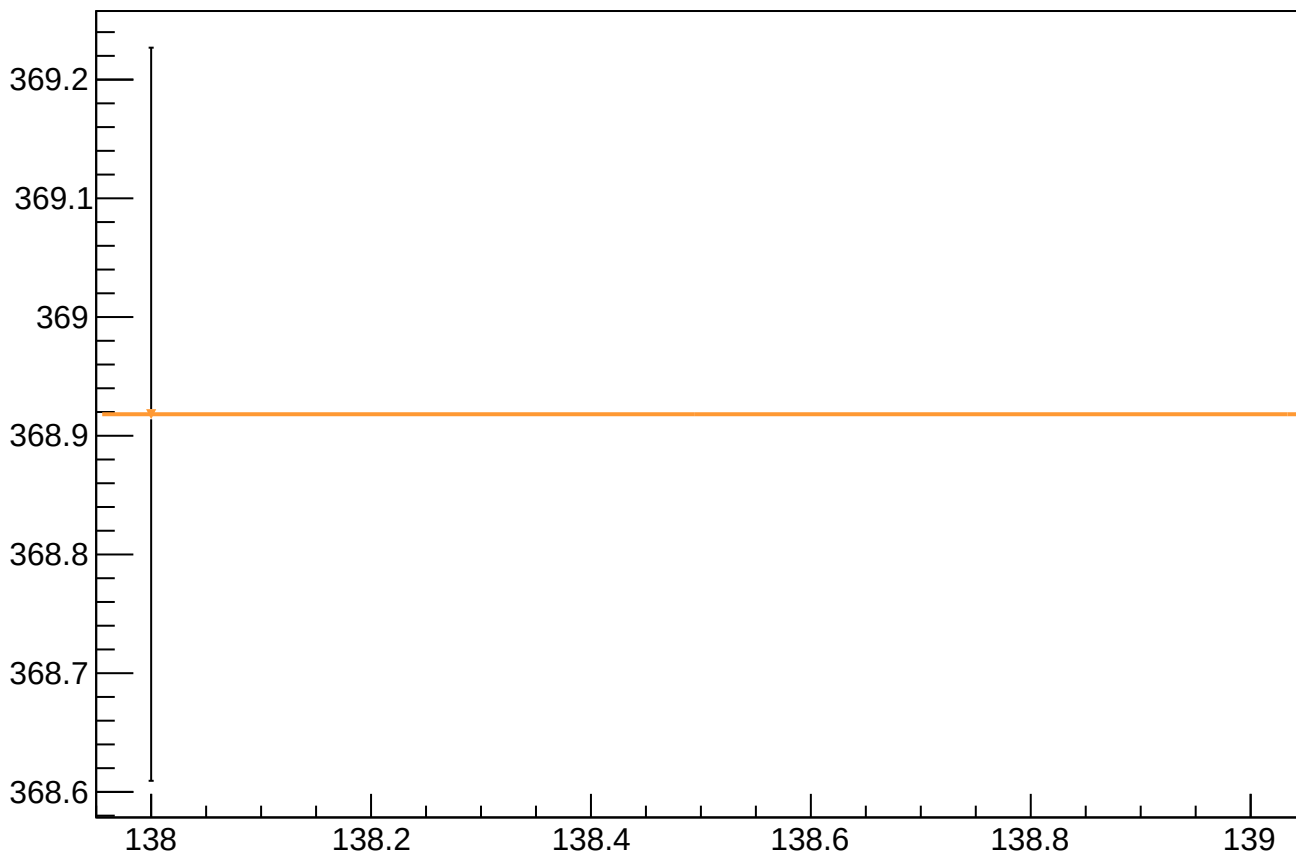
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 145.833+/-436.665 χ^2/NDF : 0.0/0

All: 145.833+/-436.665 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 368.918+/-0.309 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: 368.918+/-0.309 χ^2/NDF : 0.0/0

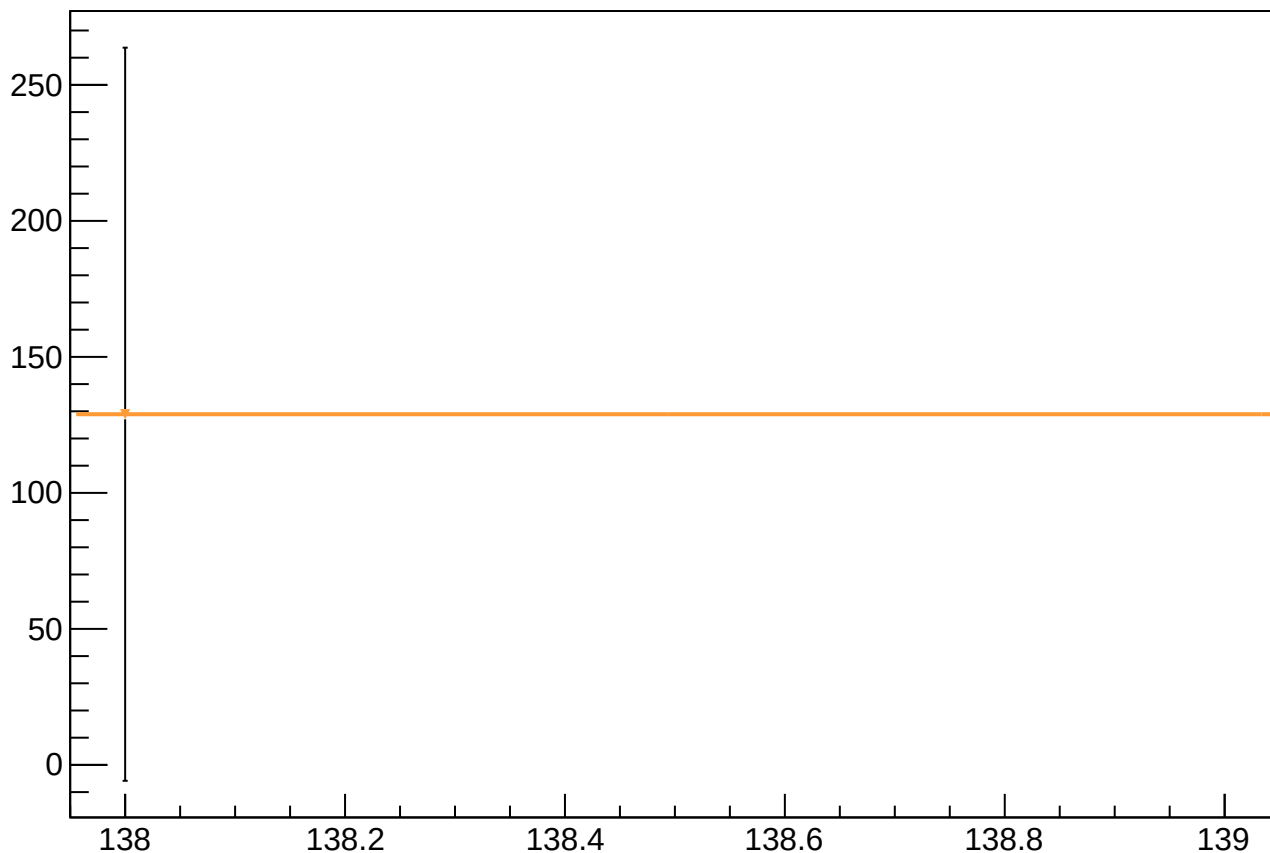
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 368.918+/-0.309 χ^2/NDF : 0.0/0

All: 368.918+/-0.309 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 128.920+/-134.766 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: 128.920+/-134.766 χ^2/NDF : 0.0/0

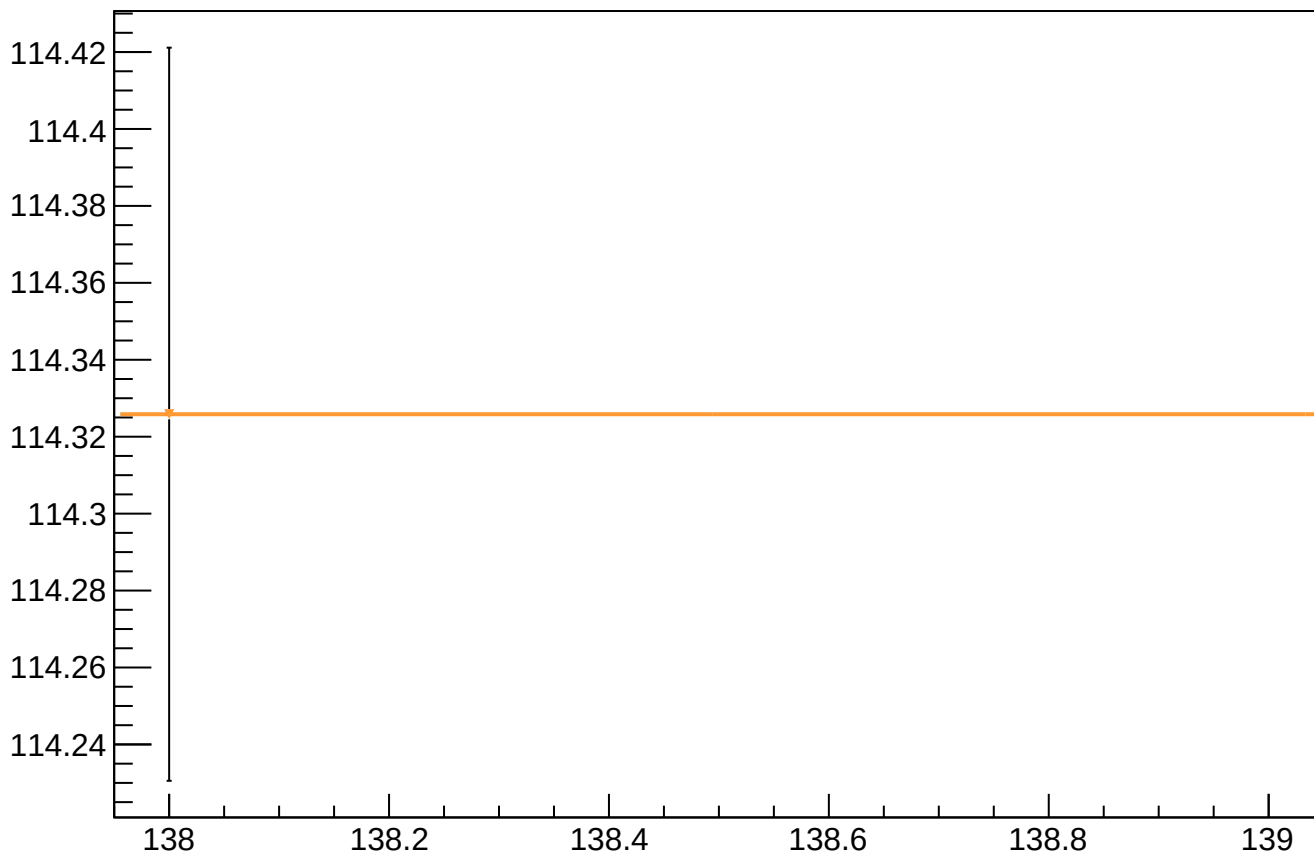
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 128.920+/-134.766 χ^2/NDF : 0.0/0

All: 128.920+/-134.766 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 114.326+/-0.095 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: 114.326+/-0.095 χ^2/NDF : 0.0/0

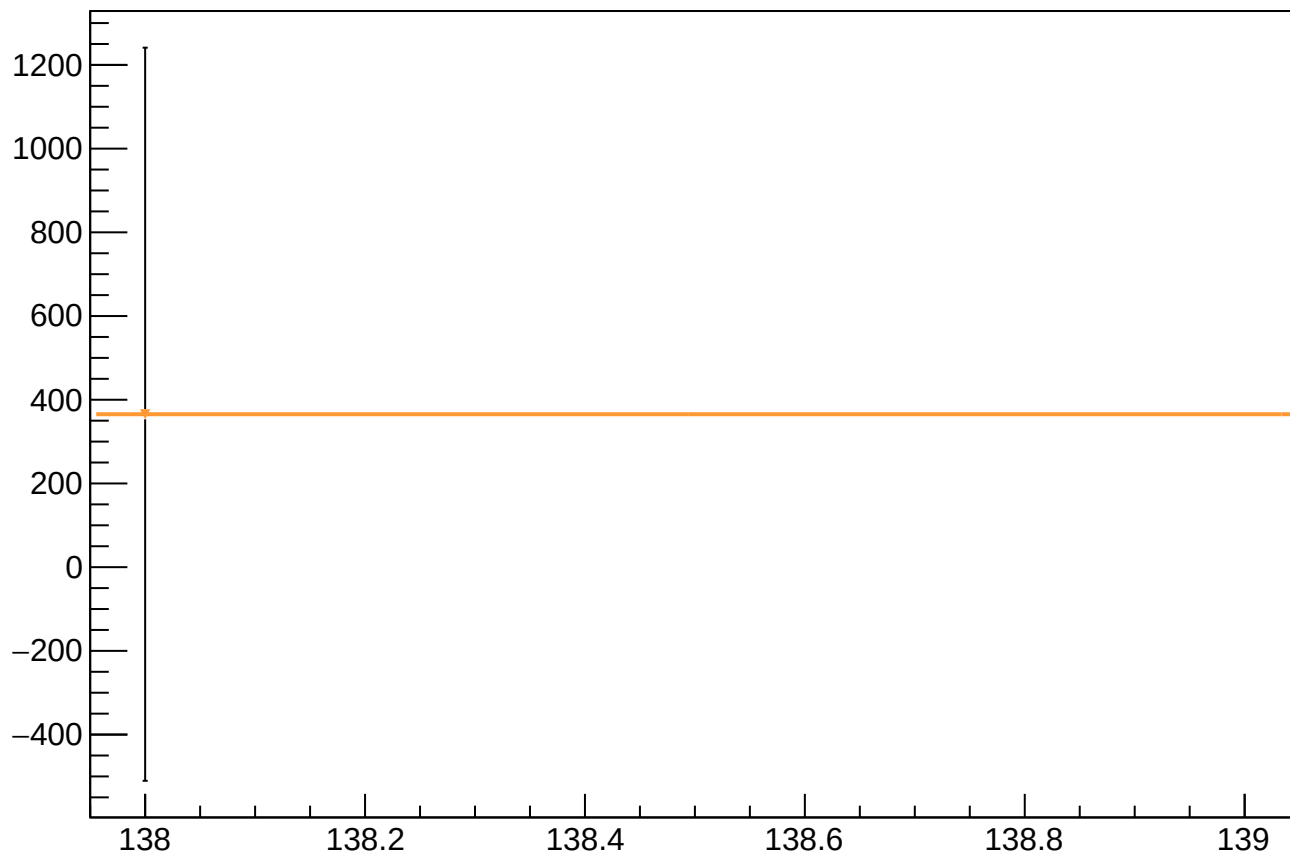
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 114.326+/-0.095 χ^2/NDF : 0.0/0

All: 114.326+/-0.095 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 365.387+/-875.817 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: 365.387+/-875.817 χ^2/NDF : 0.0/0

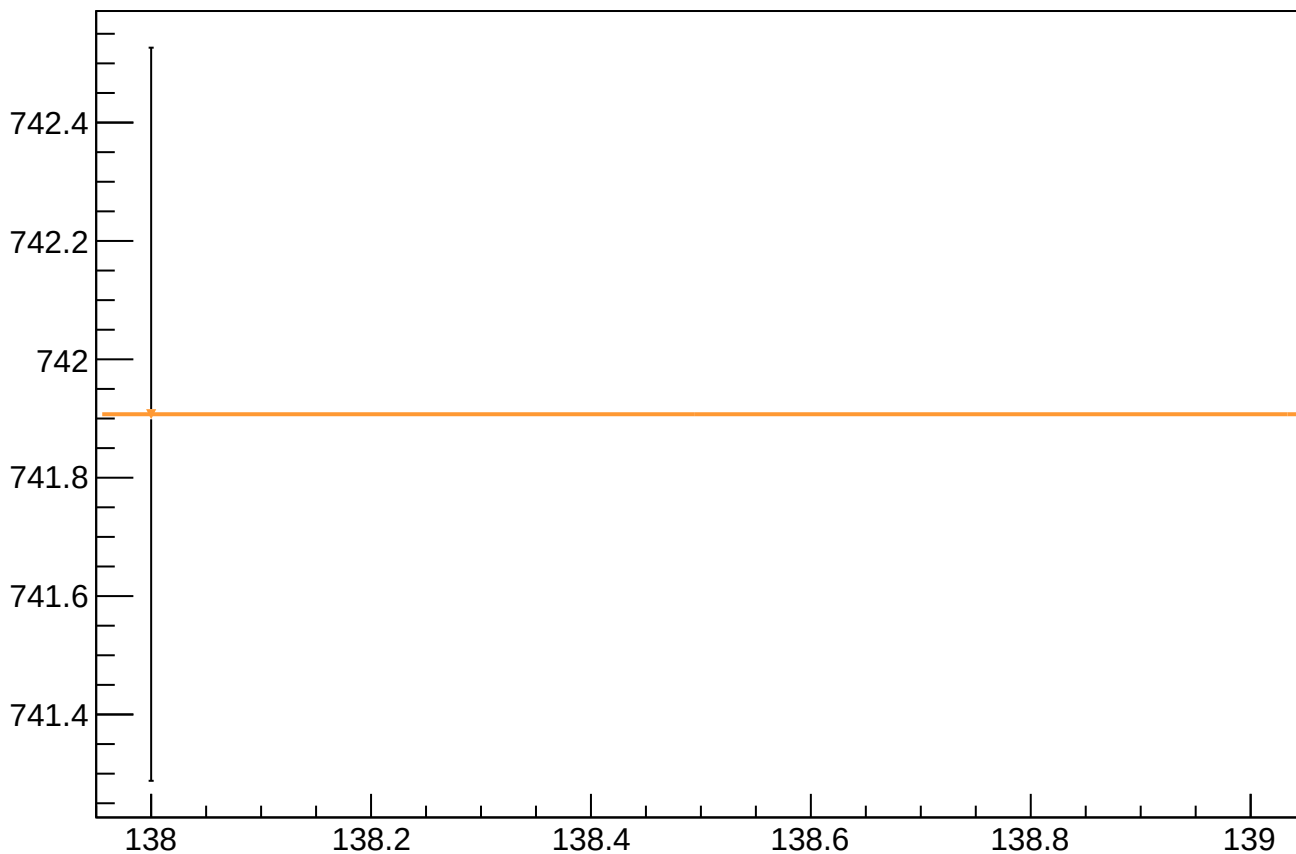
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 365.387+/-875.817 χ^2/NDF : 0.0/0

All: 365.387+/-875.817 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 741.907+/-0.619 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: 741.907+/-0.619 χ^2/NDF : 0.0/0

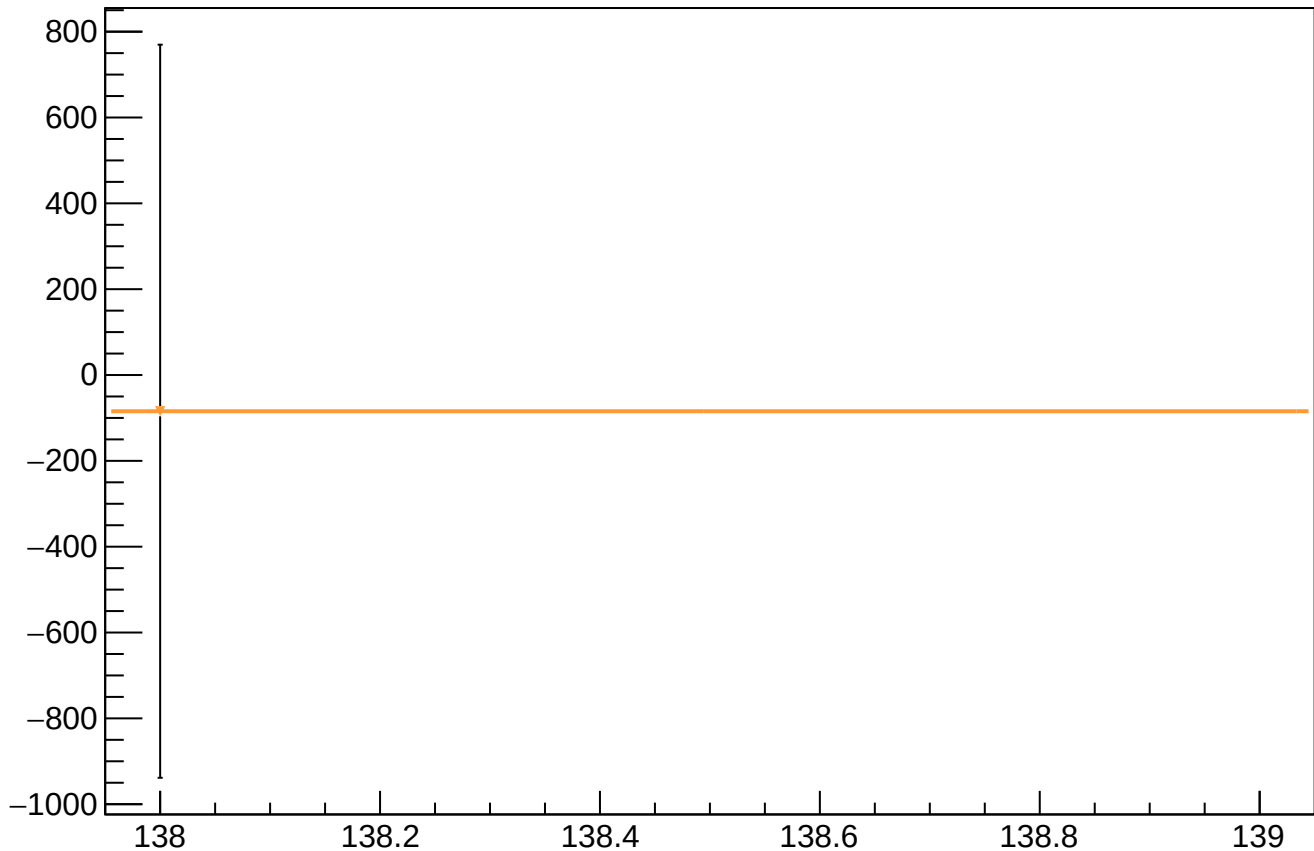
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 741.907+/-0.619 χ^2/NDF : 0.0/0

All: 741.907+/-0.619 χ^2/NDF : 0.0/0

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: -84.386+/-854.095 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: -84.386+/-854.095 χ^2/NDF : 0.0/0

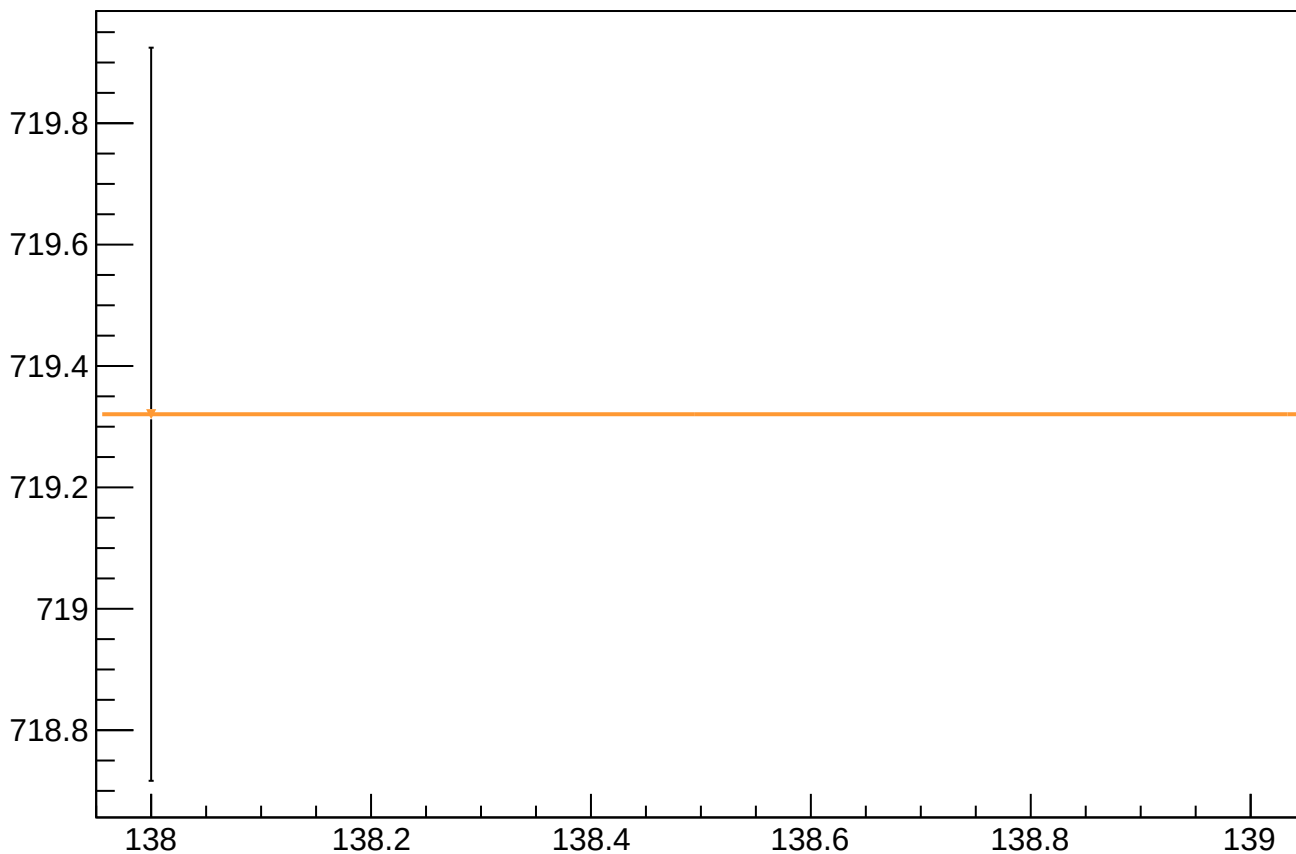
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -84.386+/-854.095 χ^2/NDF : 0.0/0

All: -84.386+/-854.095 χ^2/NDF : 0.0/0

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 719.321 +/- 0.604 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: 719.321 +/- 0.604 χ^2/NDF : 0.0/0

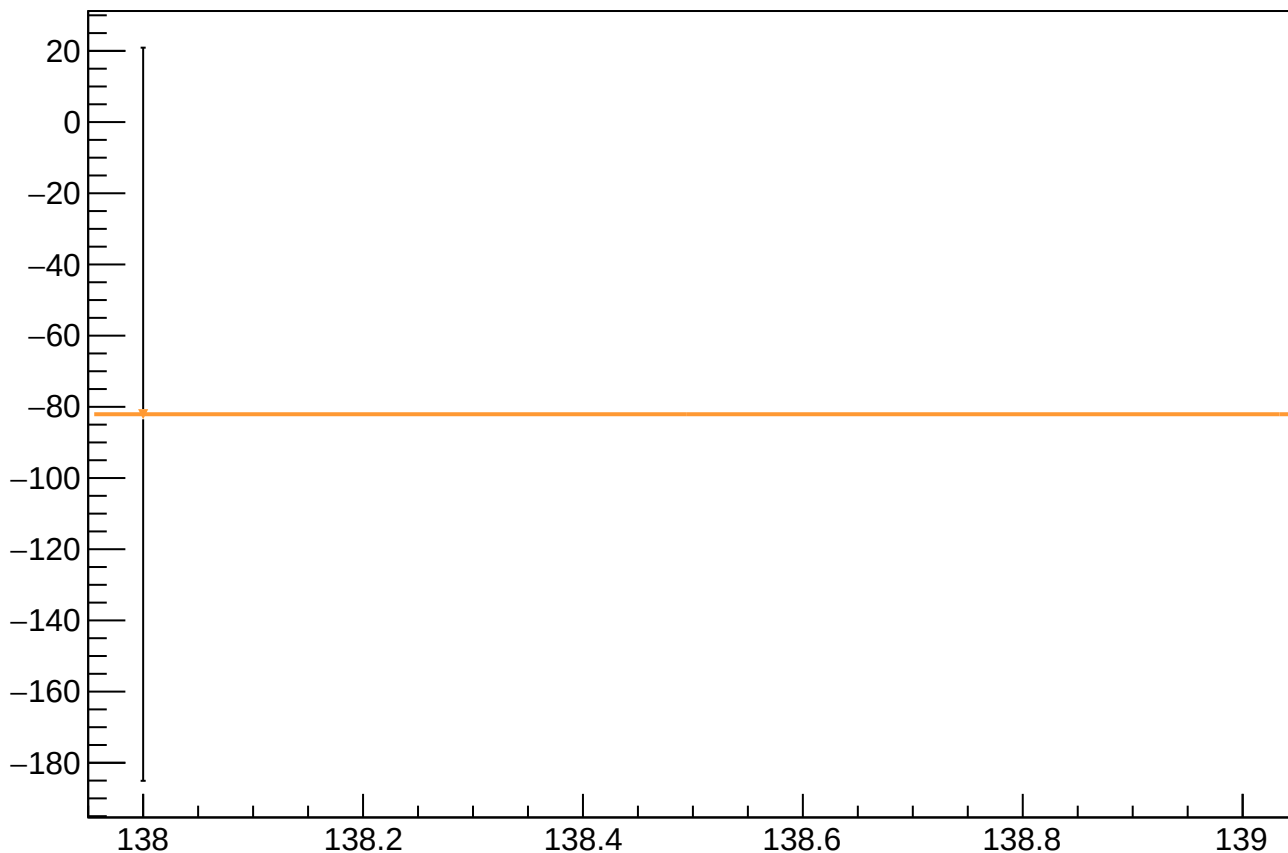
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Out: 719.321 +/- 0.604 χ^2/NDF : 0.0/0

All: 719.321 +/- 0.604 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -82.077+/-102.982 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: -82.077+/-102.982 χ^2/NDF : 0.0/0

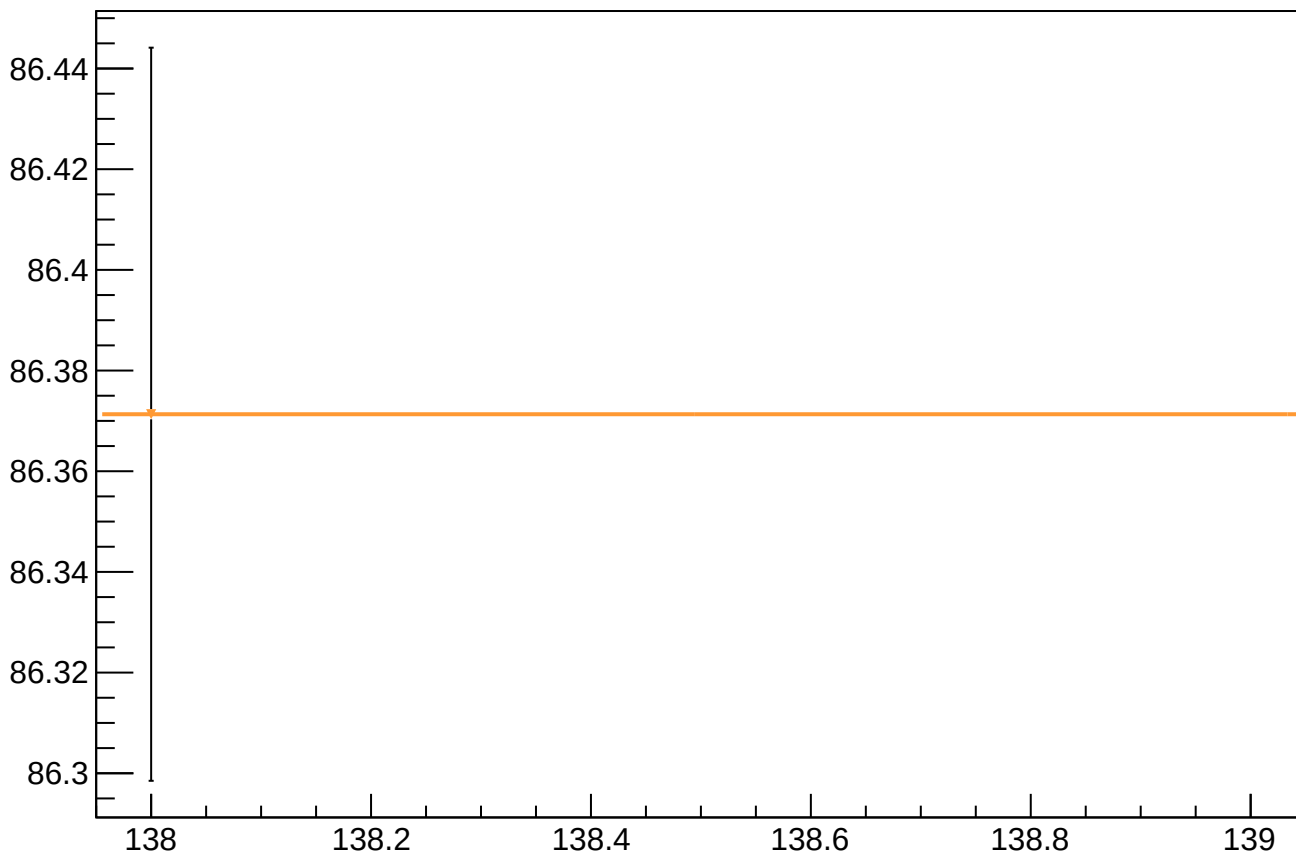
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -82.077+/-102.982 χ^2/NDF : 0.0/0

All: -82.077+/-102.982 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 86.371+/-0.073 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: 86.371+/-0.073 χ^2/NDF : 0.0/0

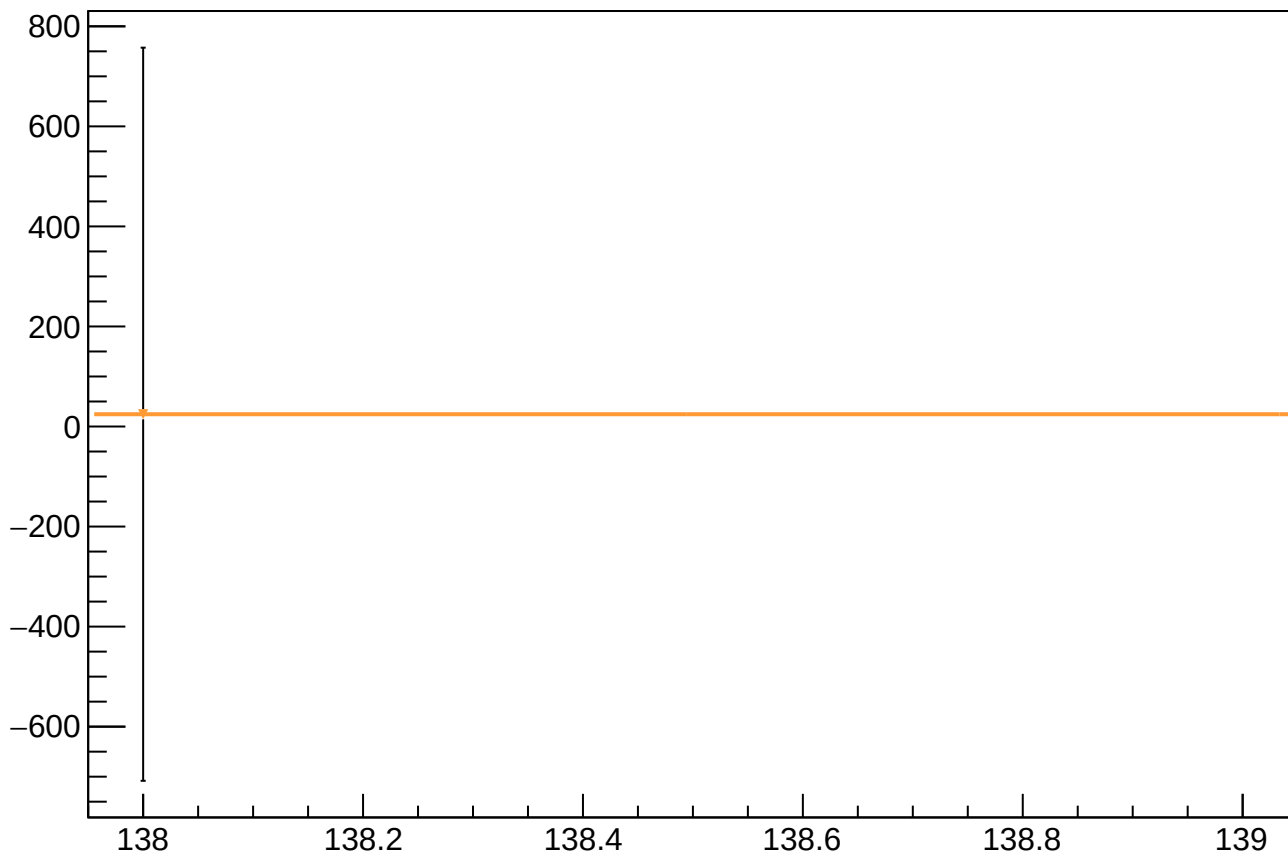
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 86.371+/-0.073 χ^2/NDF : 0.0/0

All: 86.371+/-0.073 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 24.540+/-732.784 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: 24.540+/-732.784 χ^2/NDF : 0.0/0

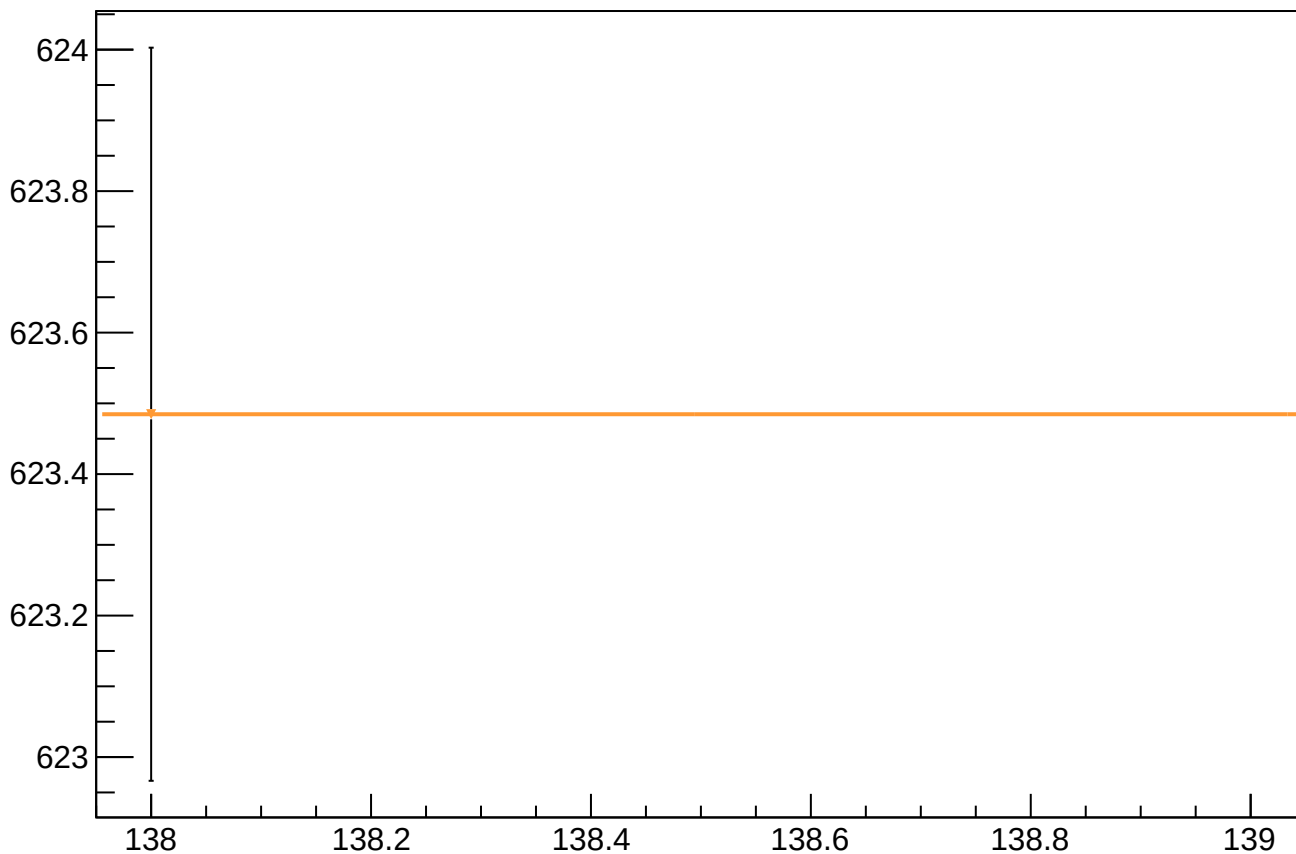
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 24.540+/-732.784 χ^2/NDF : 0.0/0

All: 24.540+/-732.784 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 623.485+/-0.518 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: 623.485+/-0.518 χ^2/NDF : 0.0/0

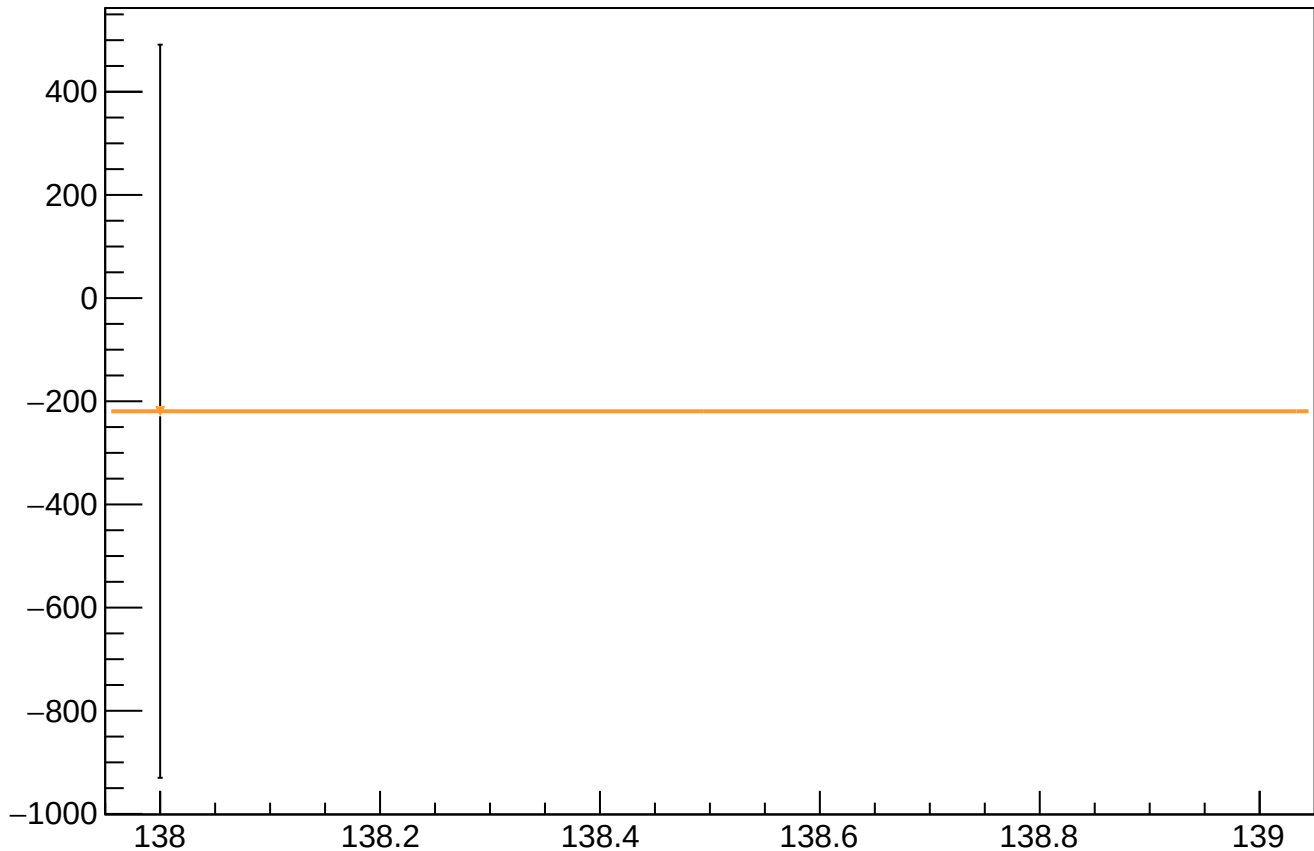
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 623.485+/-0.518 χ^2/NDF : 0.0/0

All: 623.485+/-0.518 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -219.315+/-710.592 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: -219.315+/-710.592 χ^2/NDF : 0.0/0

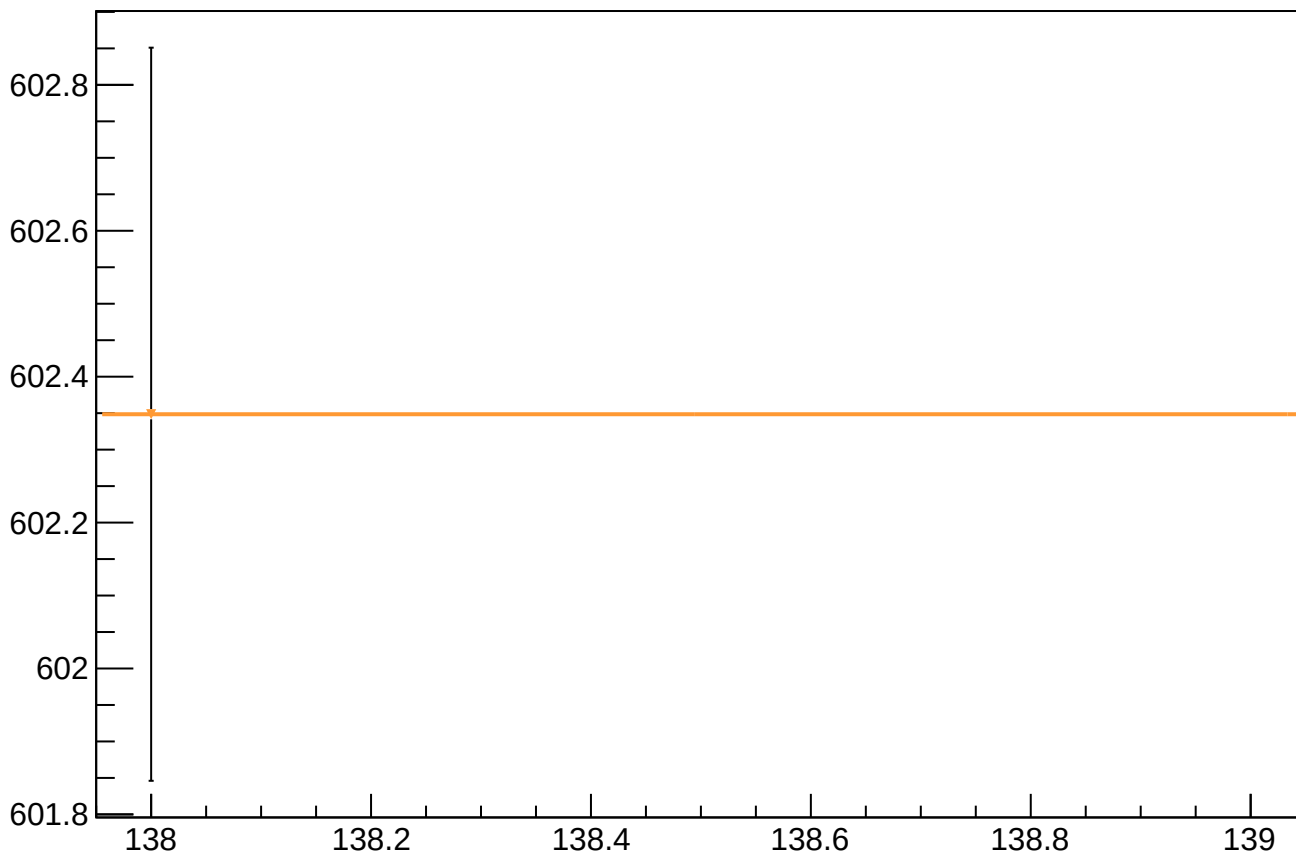
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -219.315+/-710.592 χ^2/NDF : 0.0/0

All: -219.315+/-710.592 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 602.349+/-0.502 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: 602.349+/-0.502 χ^2/NDF : 0.0/0

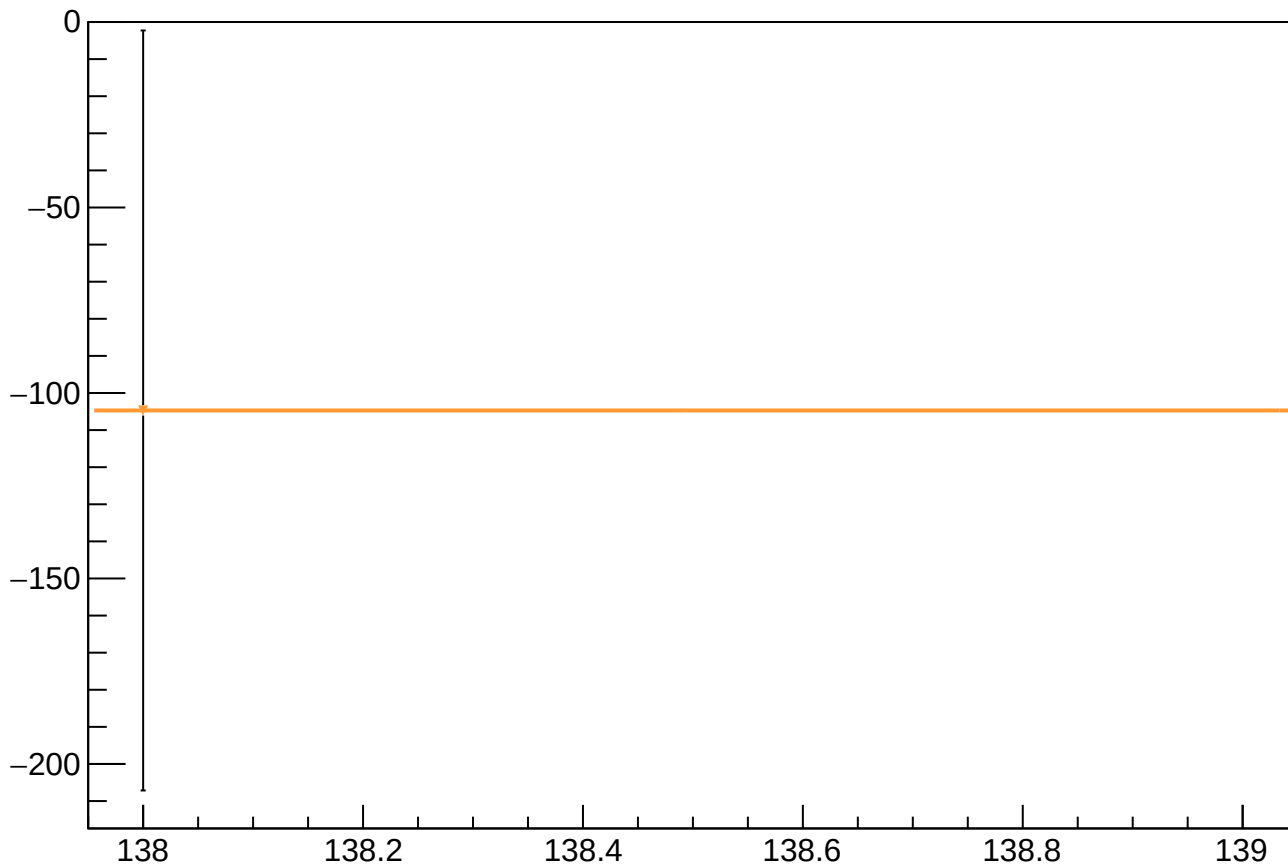
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 602.349+/-0.502 χ^2/NDF : 0.0/0

All: 602.349+/-0.502 χ^2/NDF : 0.0/0

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: -104.707+/-102.434 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: -104.707+/-102.434 χ^2/NDF : 0.0/0

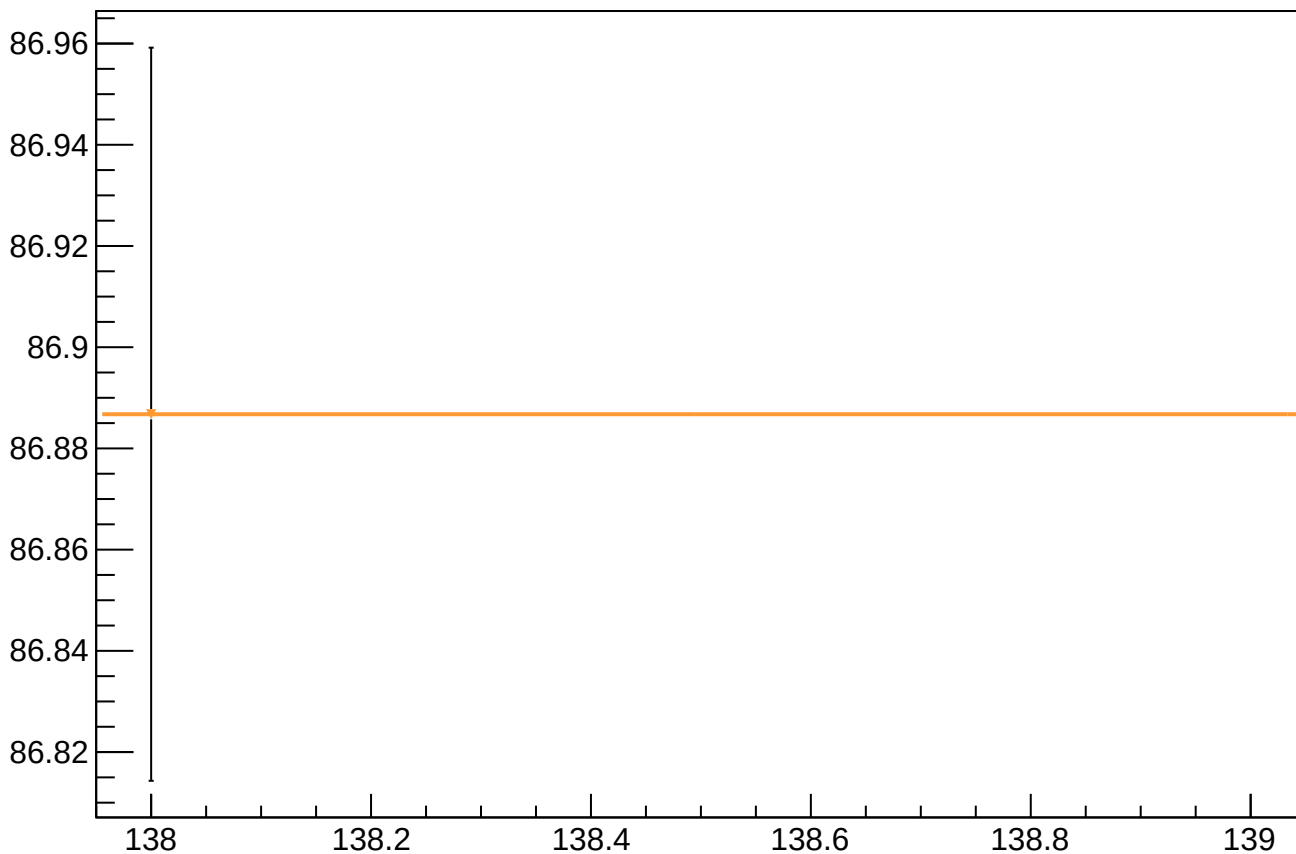
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -104.707+/-102.434 χ^2/NDF : 0.0/0

All: -104.707+/-102.434 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 86.887 $\pm$ 0.072 χ^2 /NDF: 0.0/0

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

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

Left: 86.887 $\pm$ 0.072 χ^2 /NDF: 0.0/0

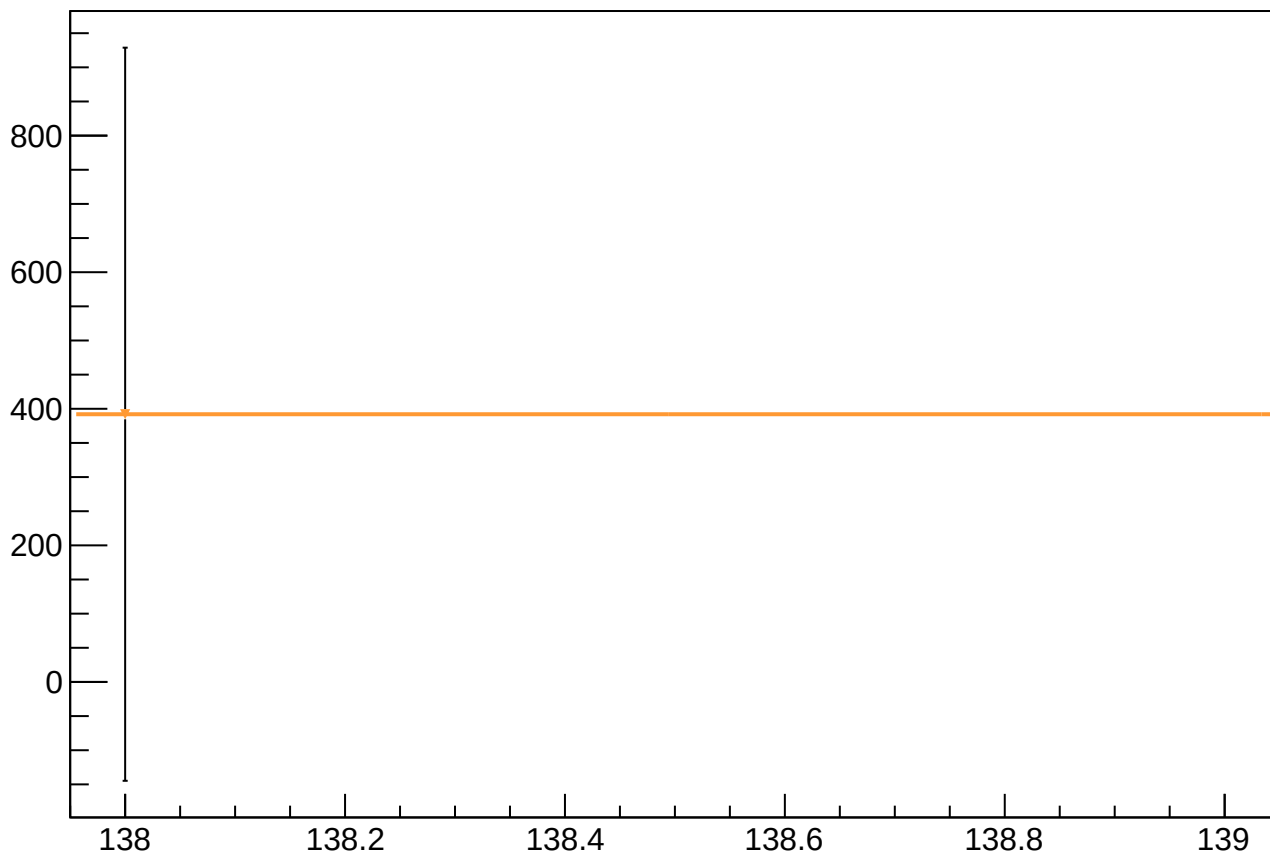
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 86.887 $\pm$ 0.072 χ^2 /NDF: 0.0/0

All: 86.887 $\pm$ 0.072 χ^2 /NDF: 0.0/0

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: 392.019+/-536.780 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: 392.019+/-536.780 χ^2/NDF : 0.0/0

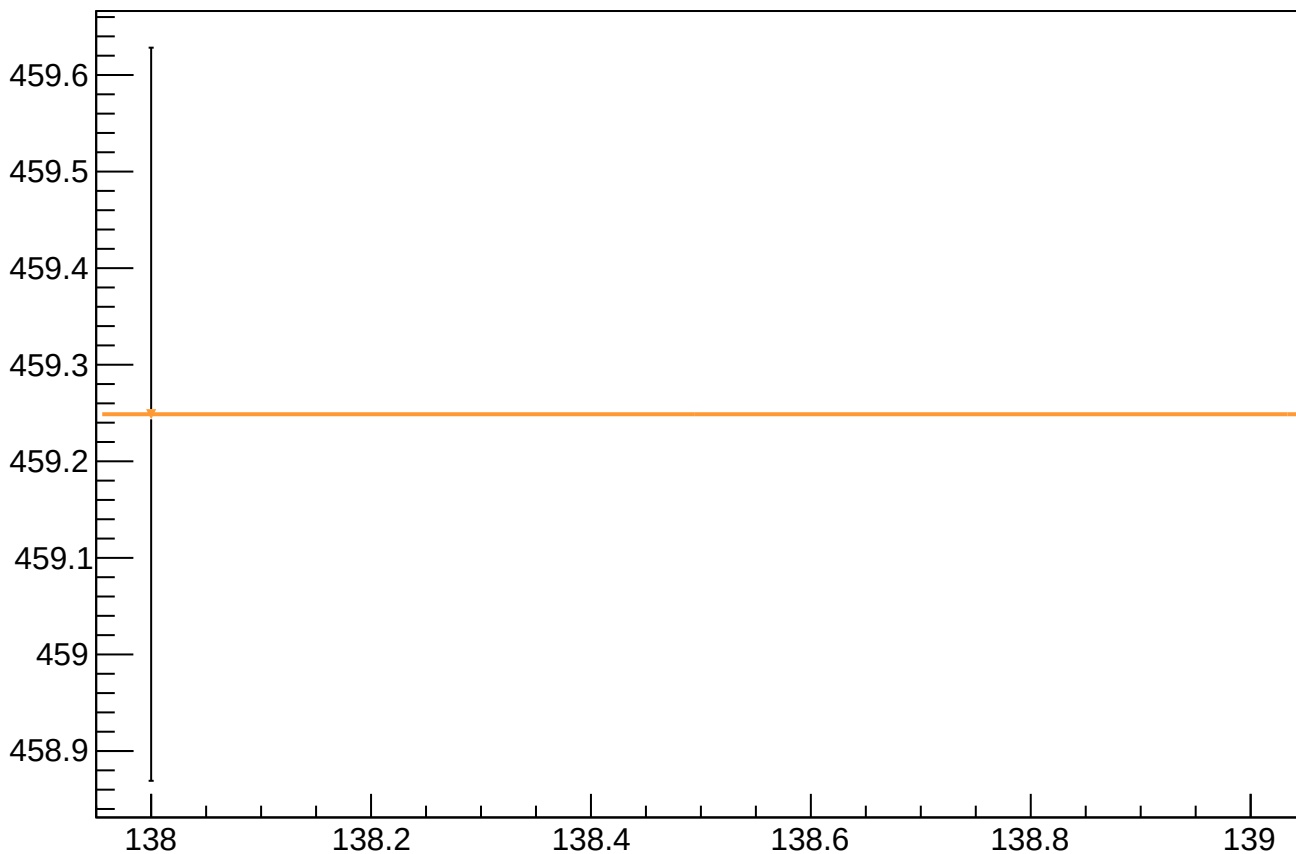
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 392.019+/-536.780 χ^2/NDF : 0.0/0

All: 392.019+/-536.780 χ^2/NDF : 0.0/0

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: 459.249+/-0.380 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: 459.249+/-0.380 χ^2/NDF : 0.0/0

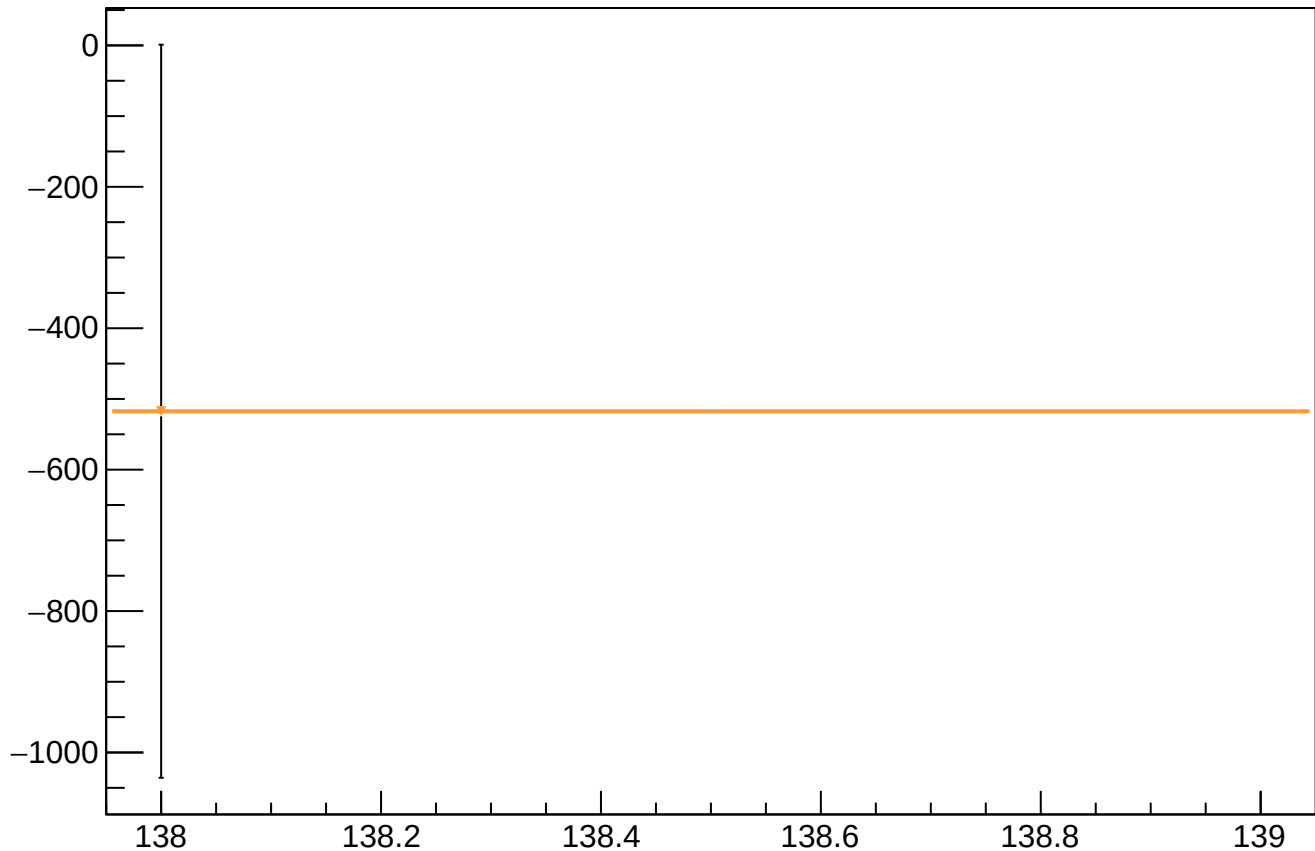
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 459.249+/-0.380 χ^2/NDF : 0.0/0

All: 459.249+/-0.380 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -517.375+/-518.424 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: -517.375+/-518.424 χ^2/NDF : 0.0/0

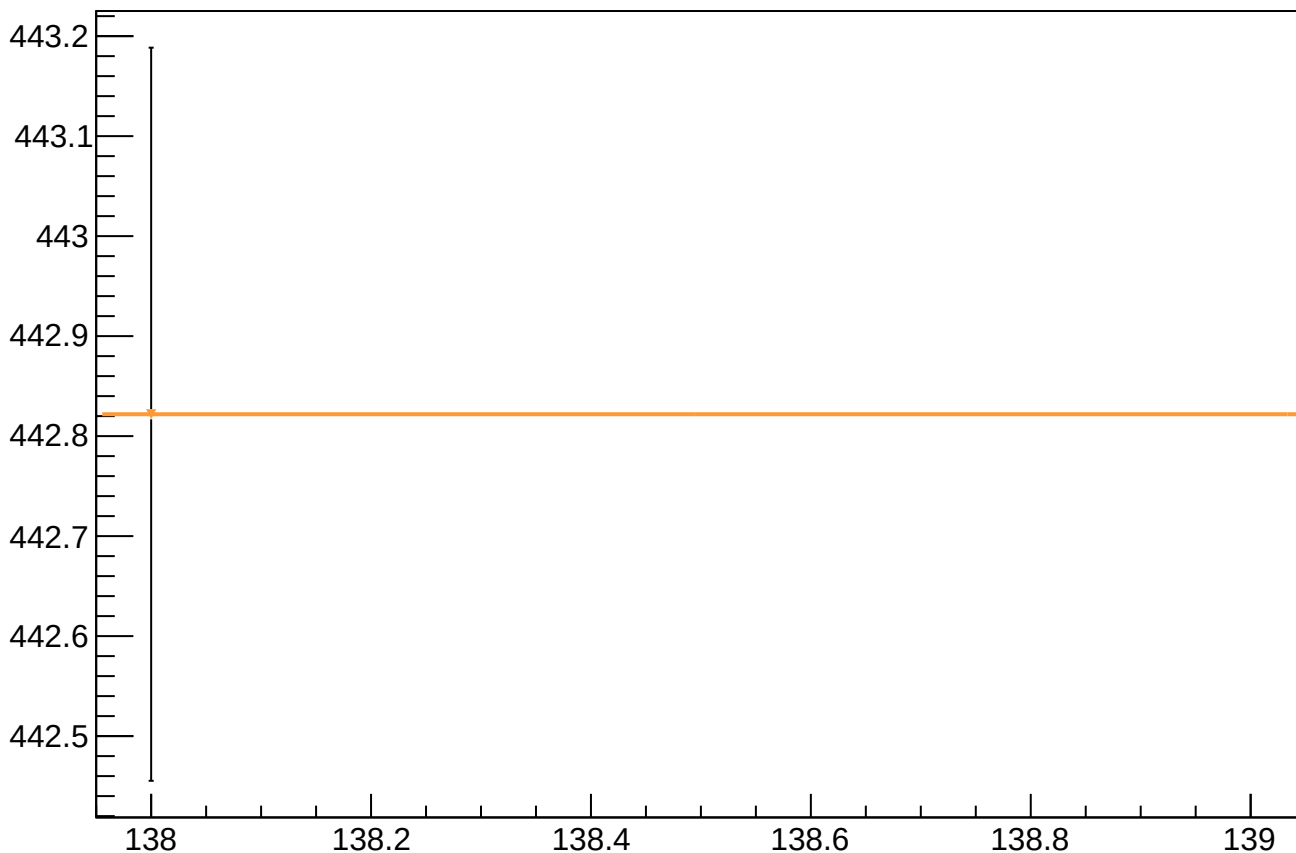
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -517.375+/-518.424 χ^2/NDF : 0.0/0

All: -517.375+/-518.424 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 442.822+/-0.367 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: 442.822+/-0.367 χ^2/NDF : 0.0/0

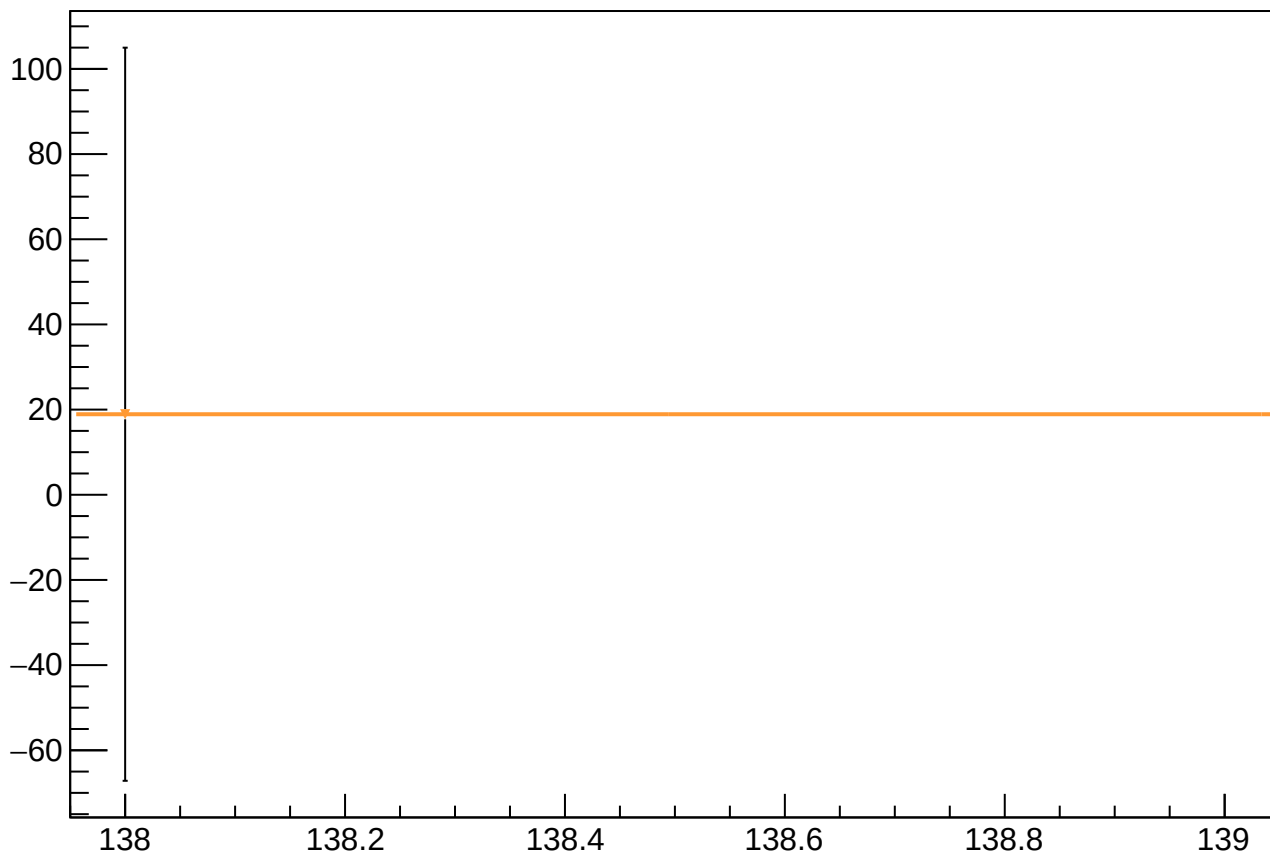
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 442.822+/-0.367 χ^2/NDF : 0.0/0

All: 442.822+/-0.367 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 18.911+/-86.076 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: 18.911+/-86.076 χ^2/NDF : 0.0/0

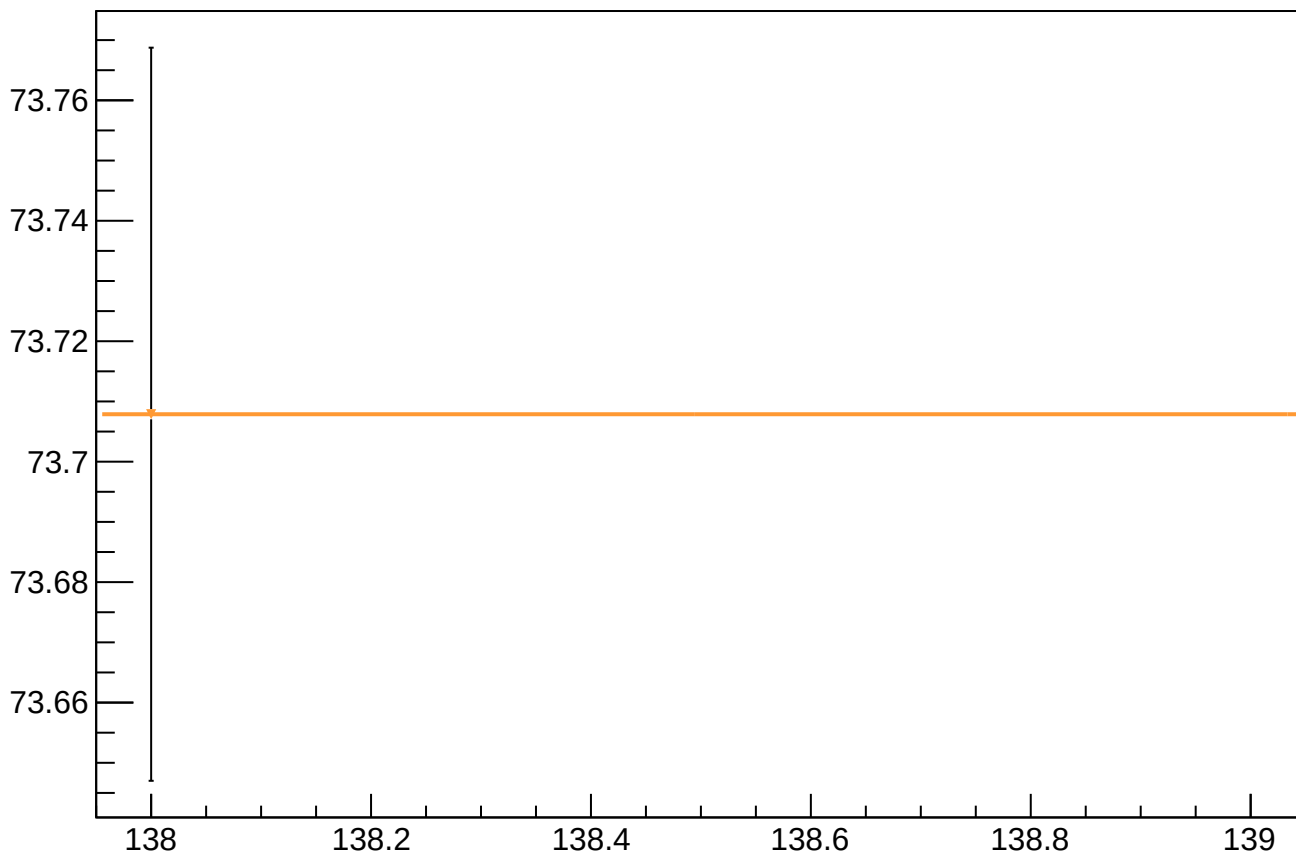
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 18.911+/-86.076 χ^2/NDF : 0.0/0

All: 18.911+/-86.076 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 73.708 $\pm$ 0.061 χ^2 /NDF: 0.0/0

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

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

Left: 73.708 $\pm$ 0.061 χ^2 /NDF: 0.0/0

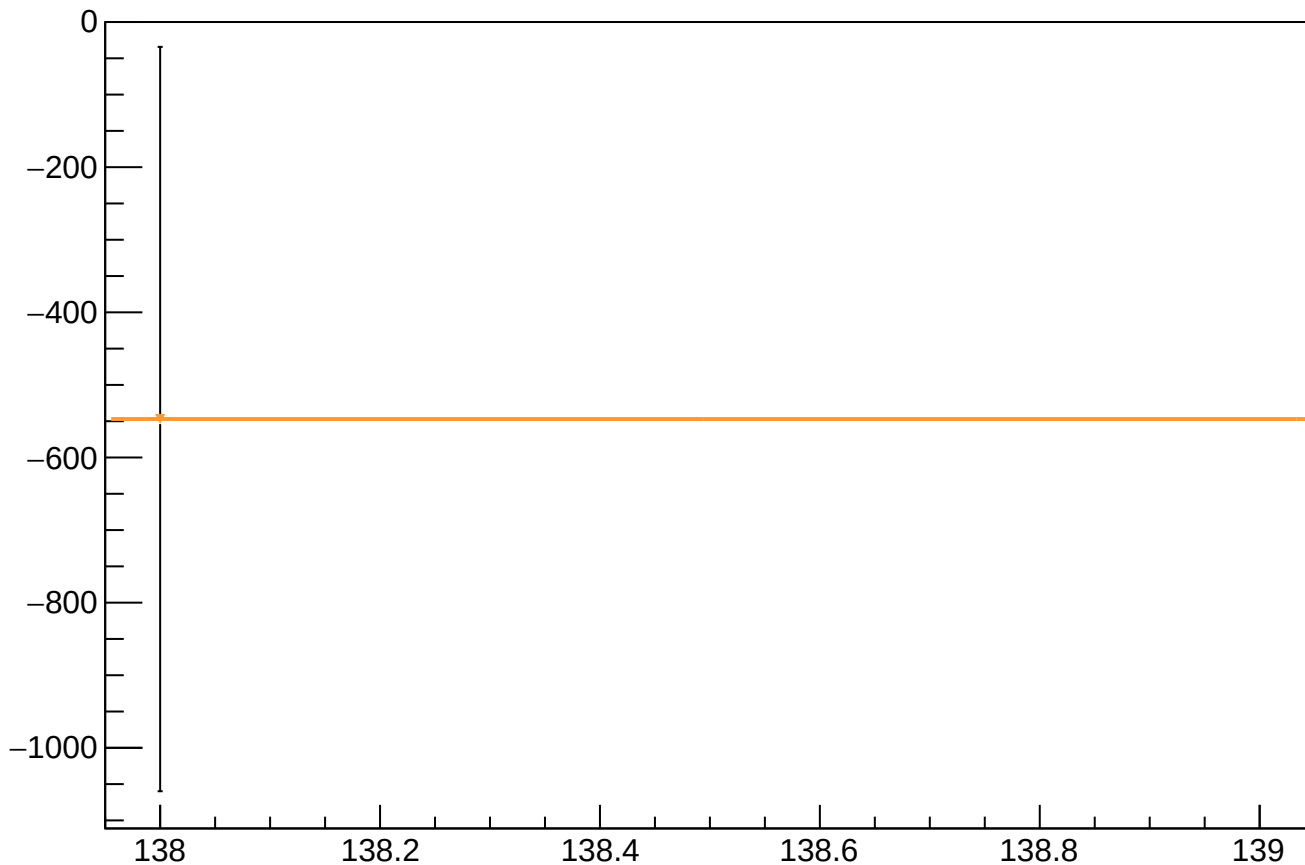
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 73.708 $\pm$ 0.061 χ^2 /NDF: 0.0/0

All: 73.708 $\pm$ 0.061 χ^2 /NDF: 0.0/0

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: -547.029+/-512.798 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: -547.029+/-512.798 χ^2/NDF : 0.0/0

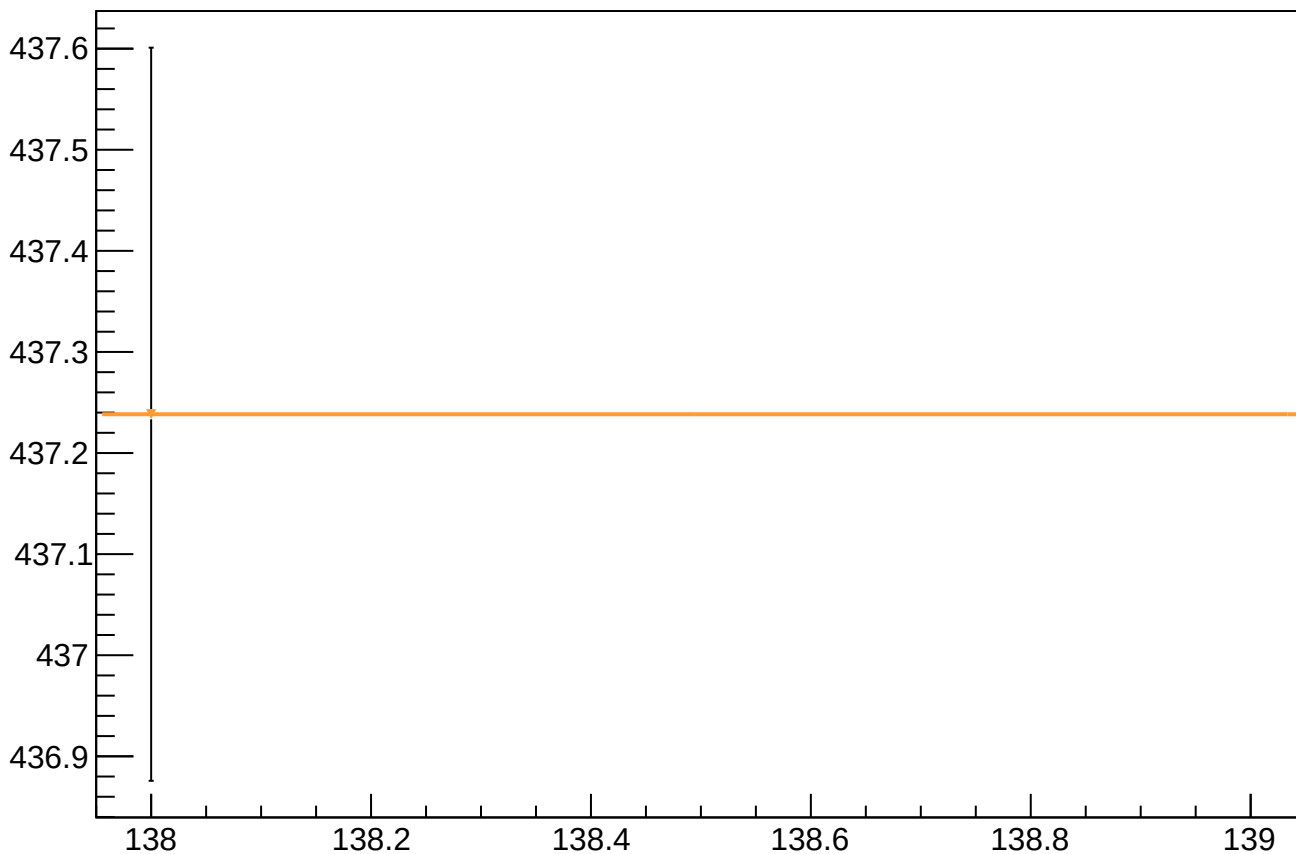
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -547.029+/-512.798 χ^2/NDF : 0.0/0

All: -547.029+/-512.798 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 437.238 $\pm$ 0.363 χ^2 /NDF:0.0/0

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

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

Left: 437.238 $\pm$ 0.363 χ^2 /NDF: 0.0/0

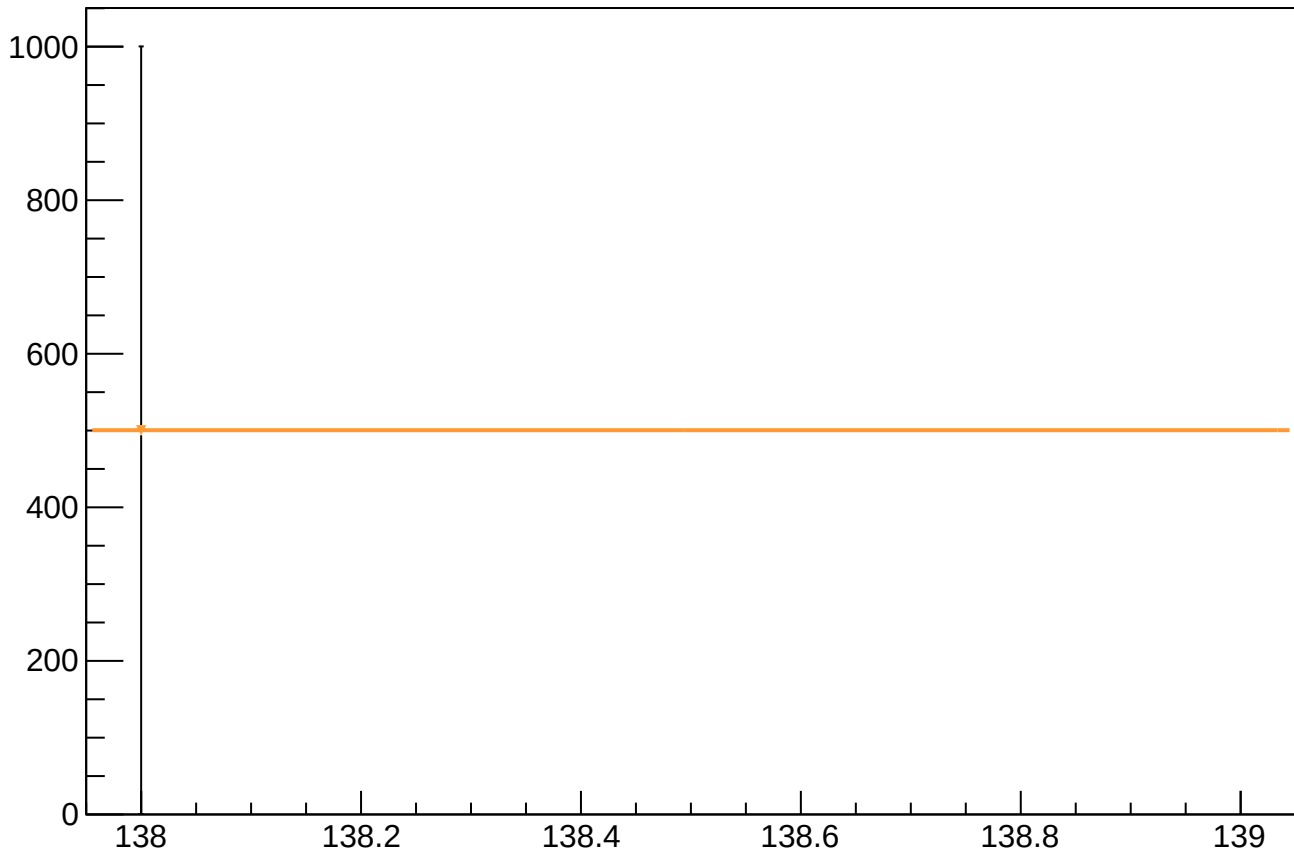
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 437.238 $\pm$ 0.363 χ^2 /NDF:0.0/0

All: 437.238 $\pm$ 0.363 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 500.448+/-499.876 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: 500.448+/-499.876 χ^2/NDF : 0.0/0

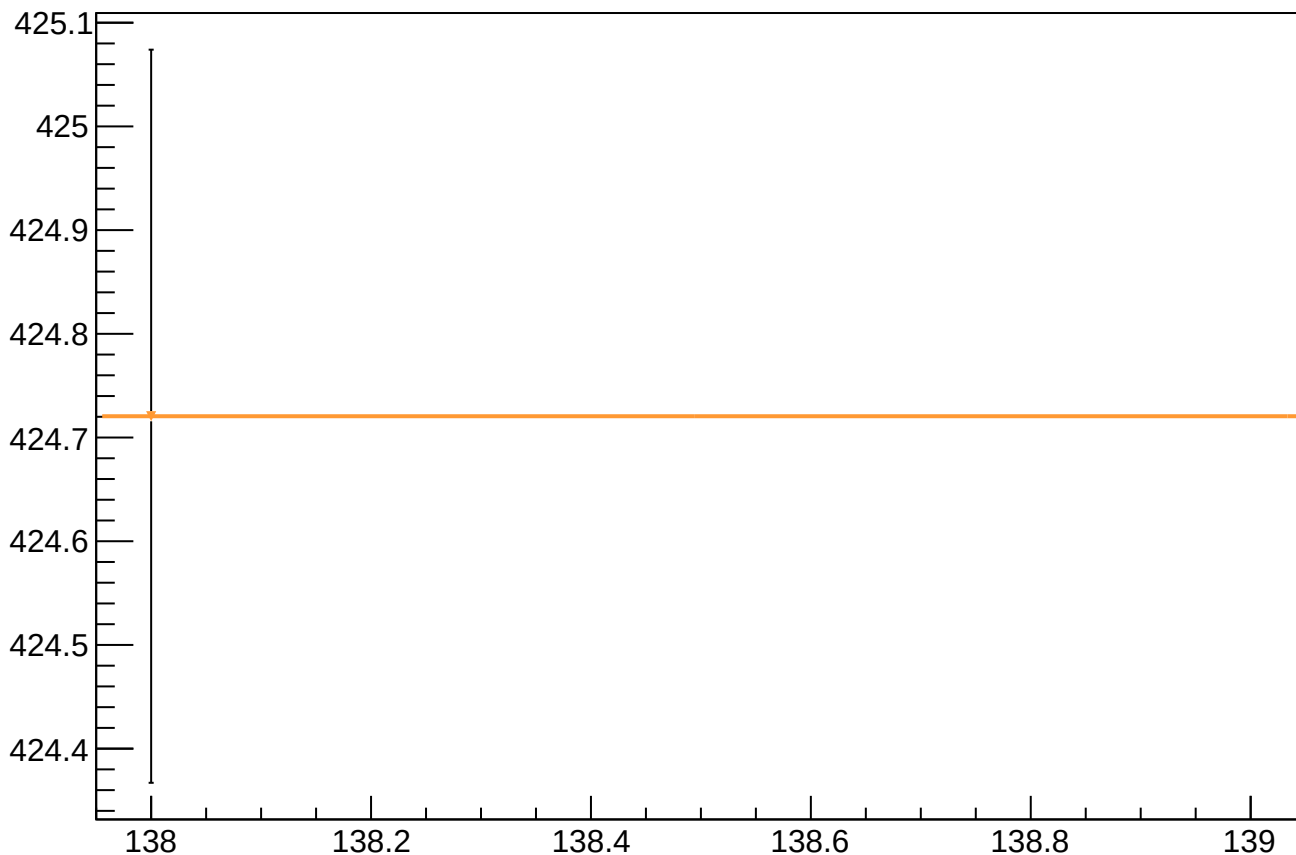
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 500.448+/-499.876 χ^2/NDF : 0.0/0

All: 500.448+/-499.876 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 424.721 ± 0.353 $\chi^2/\text{NDF}: 0.0/0$

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

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

Left: 424.721 ± 0.353 $\chi^2/\text{NDF}: 0.0/0$

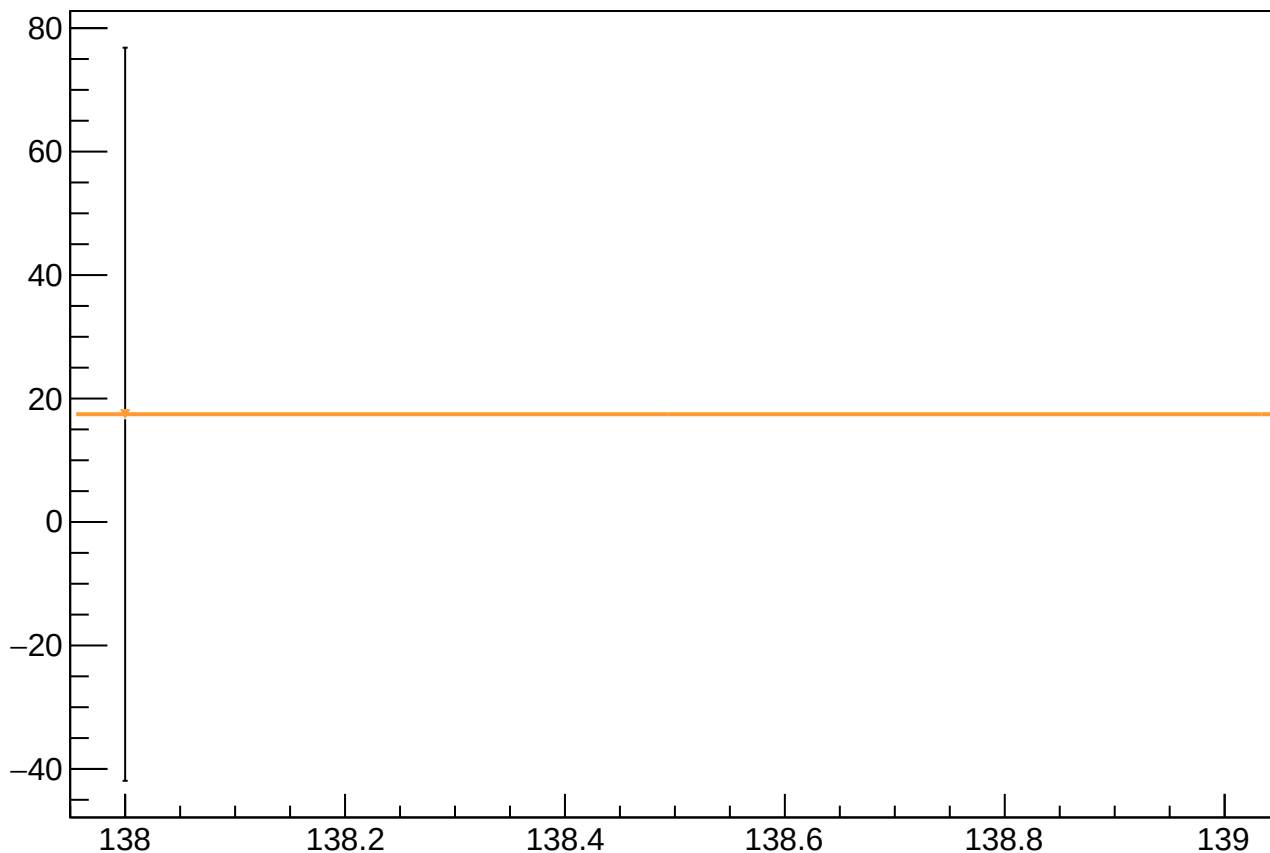
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Out: 424.721 ± 0.353 $\chi^2/\text{NDF}: 0.0/0$

All: 424.721 ± 0.353 $\chi^2/\text{NDF}: 0.0/0$

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: 17.458+/-59.378 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: 17.458+/-59.378 χ^2/NDF : 0.0/0

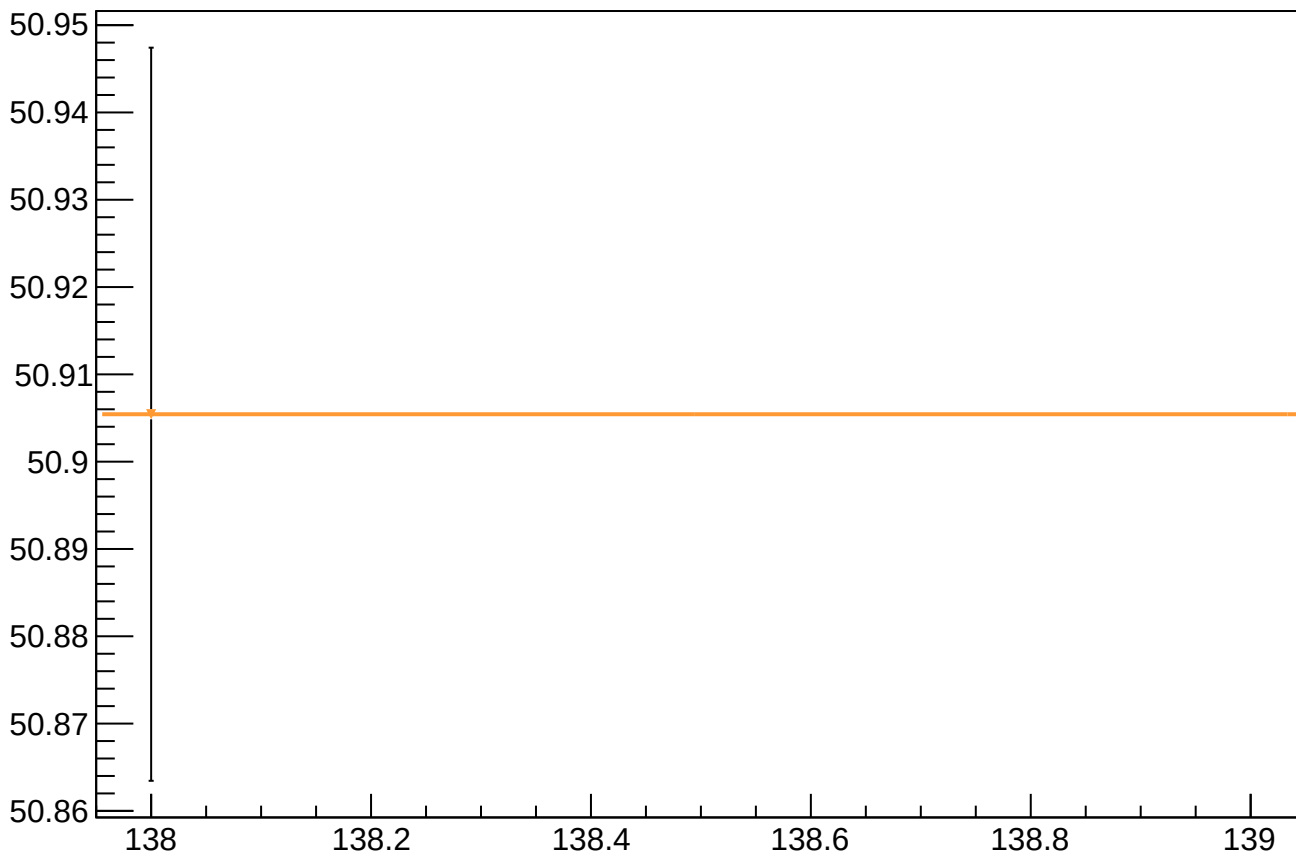
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 17.458+/-59.378 χ^2/NDF : 0.0/0

All: 17.458+/-59.378 χ^2/NDF : 0.0/0

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: 50.905 $\pm$ 0.042 χ^2 /NDF:0.0/0

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

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

Left: 50.905 $\pm$ 0.042 χ^2 /NDF: 0.0/0

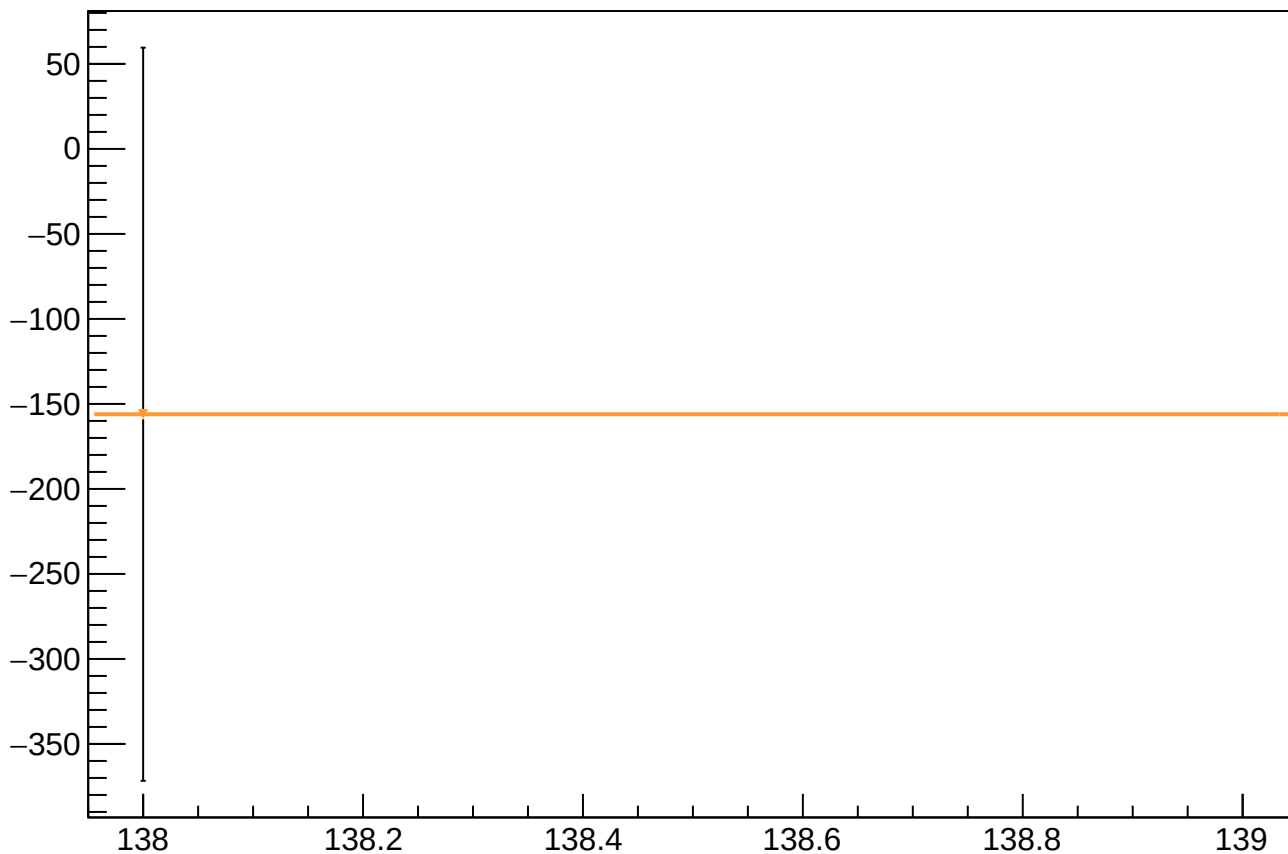
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 50.905 $\pm$ 0.042 χ^2 /NDF:0.0/0

All: 50.905 $\pm$ 0.042 χ^2 /NDF: 0.0/0

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: -156.062+/-215.615 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: -156.062+/-215.615 χ^2/NDF : 0.0/0

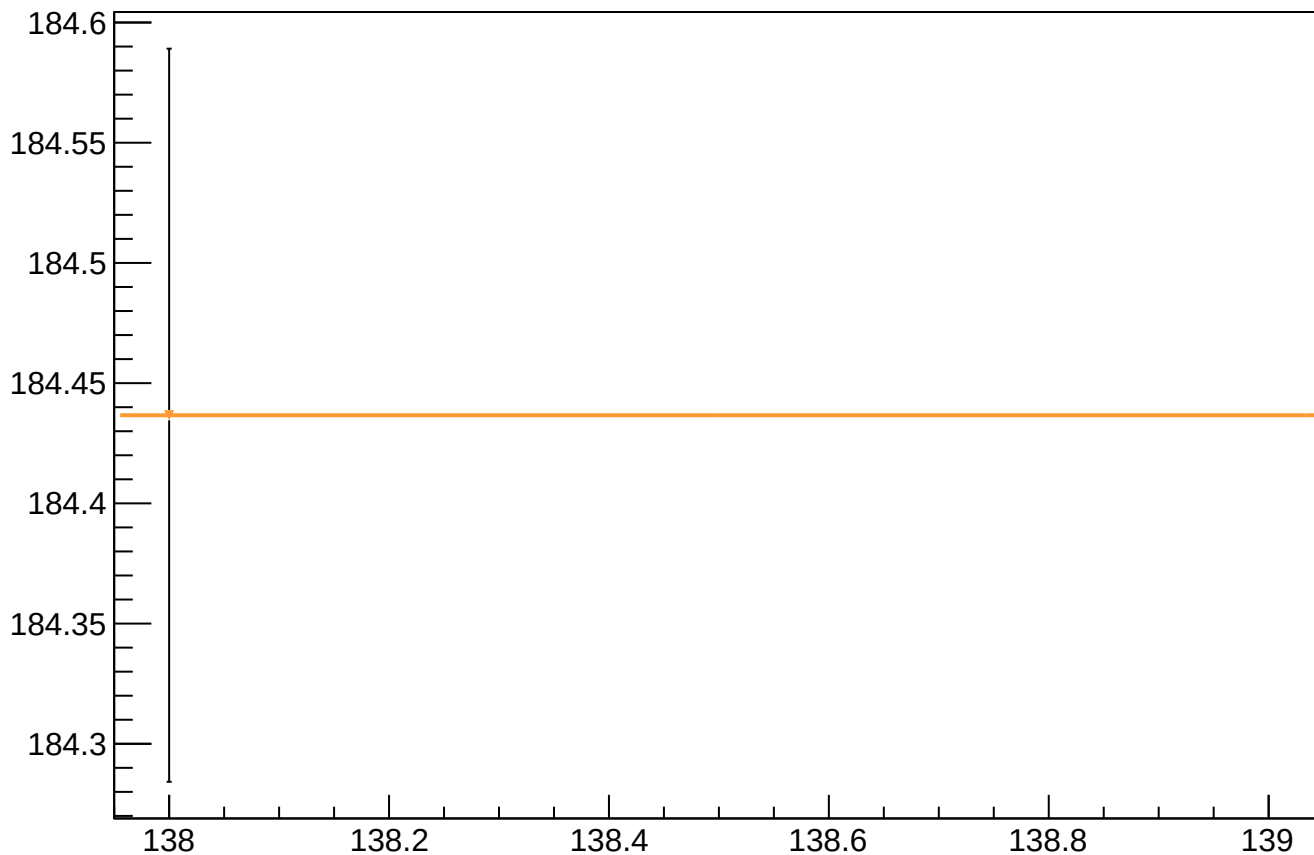
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -156.062+/-215.615 χ^2/NDF : 0.0/0

All: -156.062+/-215.615 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 184.437 $\pm$ 0.152 χ^2/NDF : 0.0/0

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

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

Left: 184.437 $\pm$ 0.152 χ^2/NDF : 0.0/0

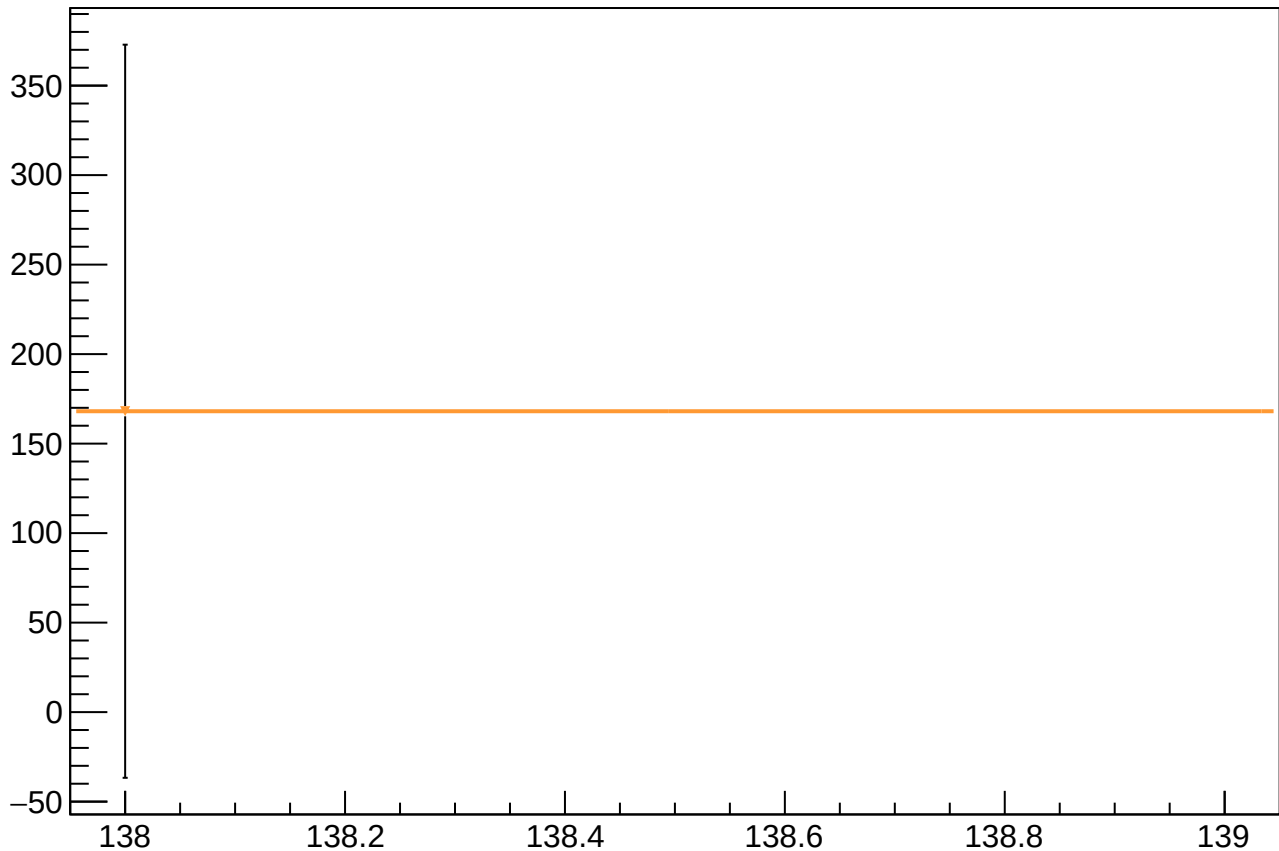
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Out: 184.437 $\pm$ 0.152 χ^2/NDF : 0.0/0

All: 184.437 $\pm$ 0.152 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 168.090+/-204.783 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: 168.090+/-204.783 χ^2/NDF : 0.0/0

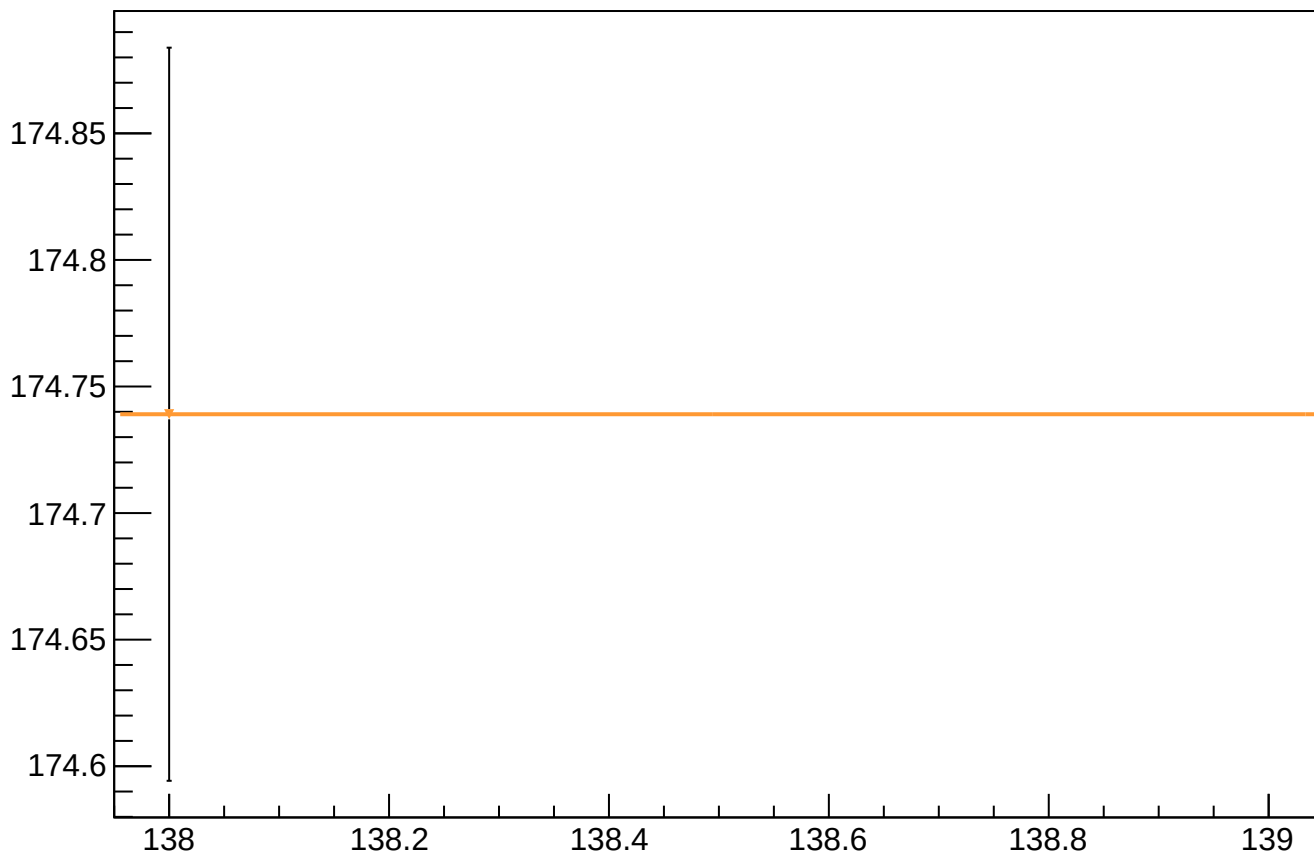
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 168.090+/-204.783 χ^2/NDF : 0.0/0

All: 168.090+/-204.783 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 174.739 ± 0.145 $\chi^2/\text{NDF}: 0.0/0$

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

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

Left: 174.739 ± 0.145 $\chi^2/\text{NDF}: 0.0/0$

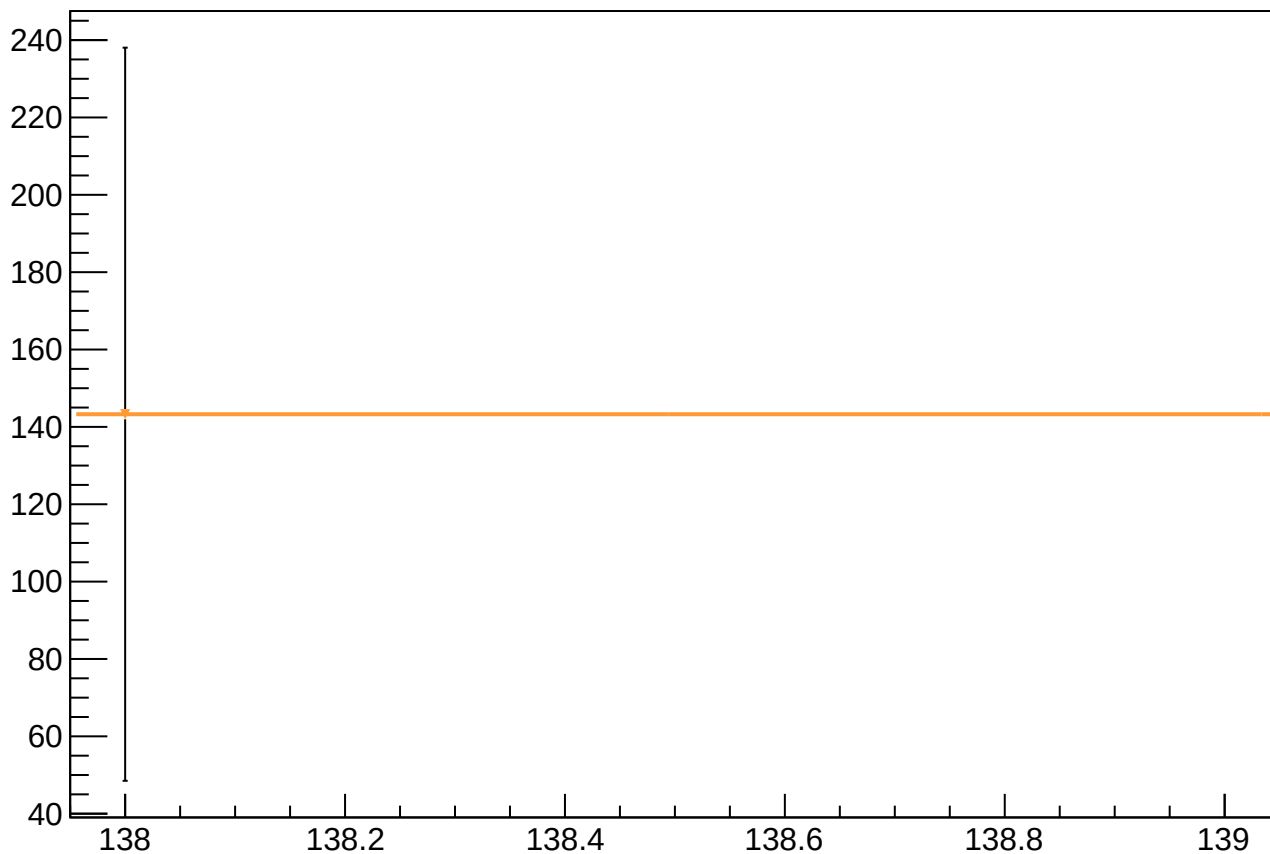
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Out: 174.739 ± 0.145 $\chi^2/\text{NDF}: 0.0/0$

All: 174.739 ± 0.145 $\chi^2/\text{NDF}: 0.0/0$

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 143.273+/-94.769 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: 143.273+/-94.769 χ^2/NDF : 0.0/0

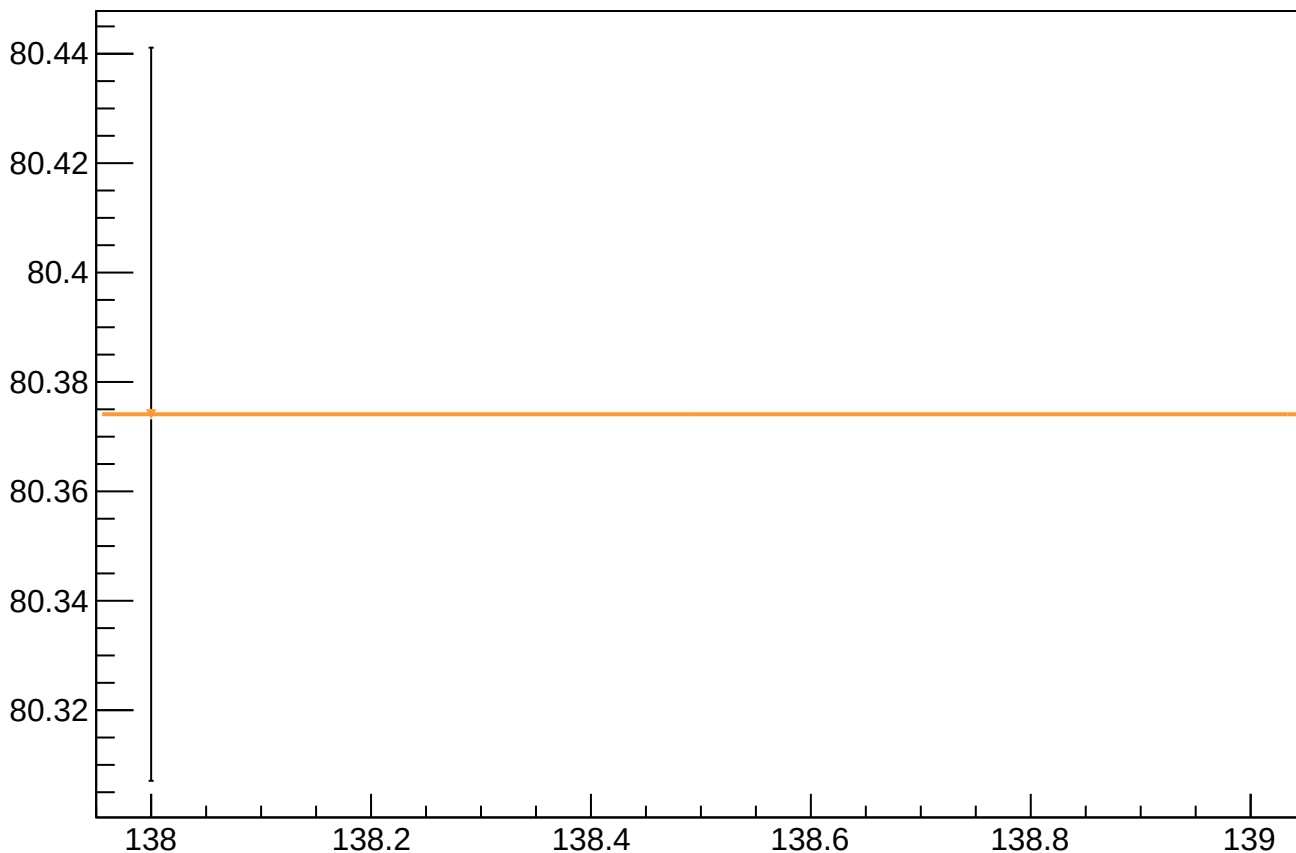
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 143.273+/-94.769 χ^2/NDF : 0.0/0

All: 143.273+/-94.769 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 80.374 $\pm$ 0.067 χ^2 /NDF:0.0/0

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

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

Left: 80.374 $\pm$ 0.067 χ^2 /NDF: 0.0/0

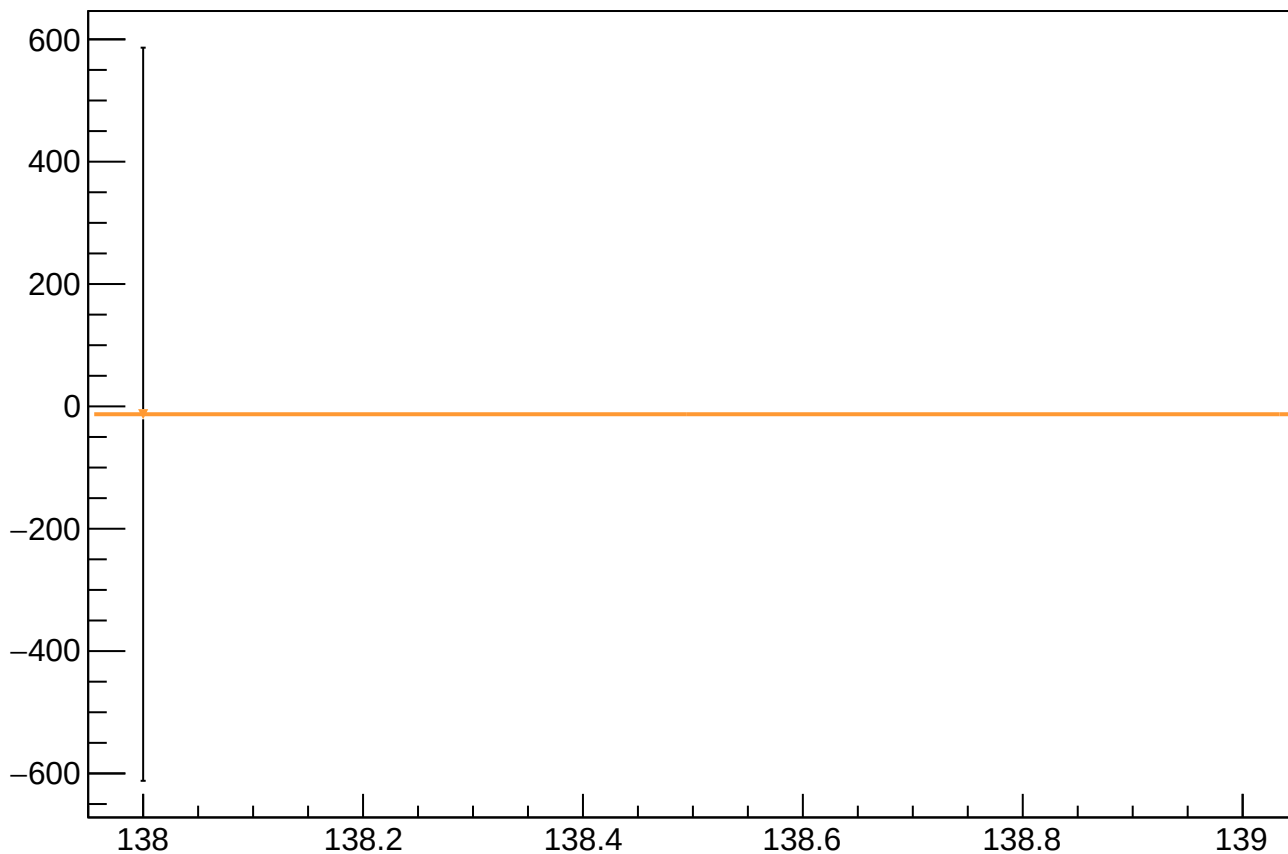
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 80.374 $\pm$ 0.067 χ^2 /NDF:0.0/0

All: 80.374 $\pm$ 0.067 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -12.832+/-599.191 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: -12.832+/-599.191 χ^2/NDF : 0.0/0

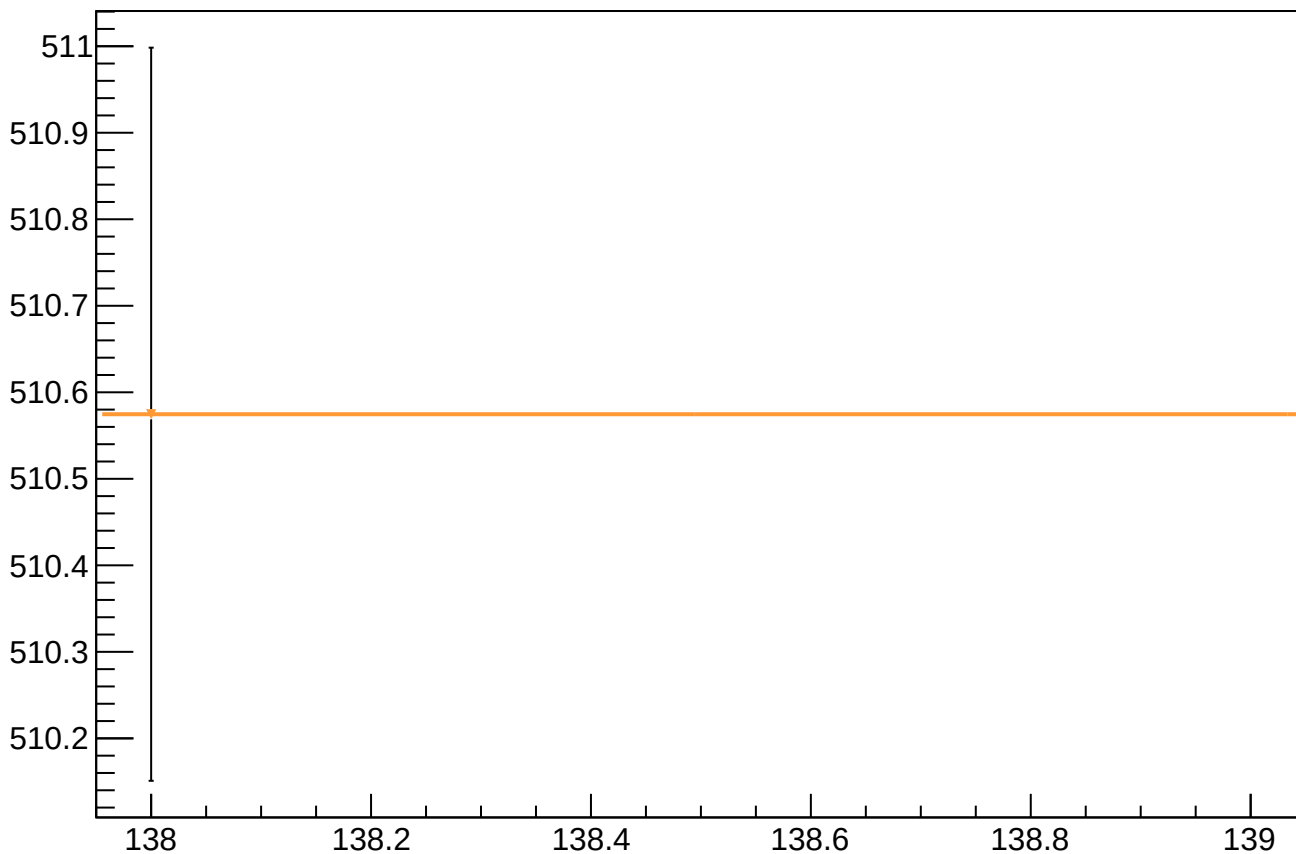
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -12.832+/-599.191 χ^2/NDF : 0.0/0

All: -12.832+/-599.191 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 510.575+/-0.424 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: 510.575+/-0.424 χ^2/NDF : 0.0/0

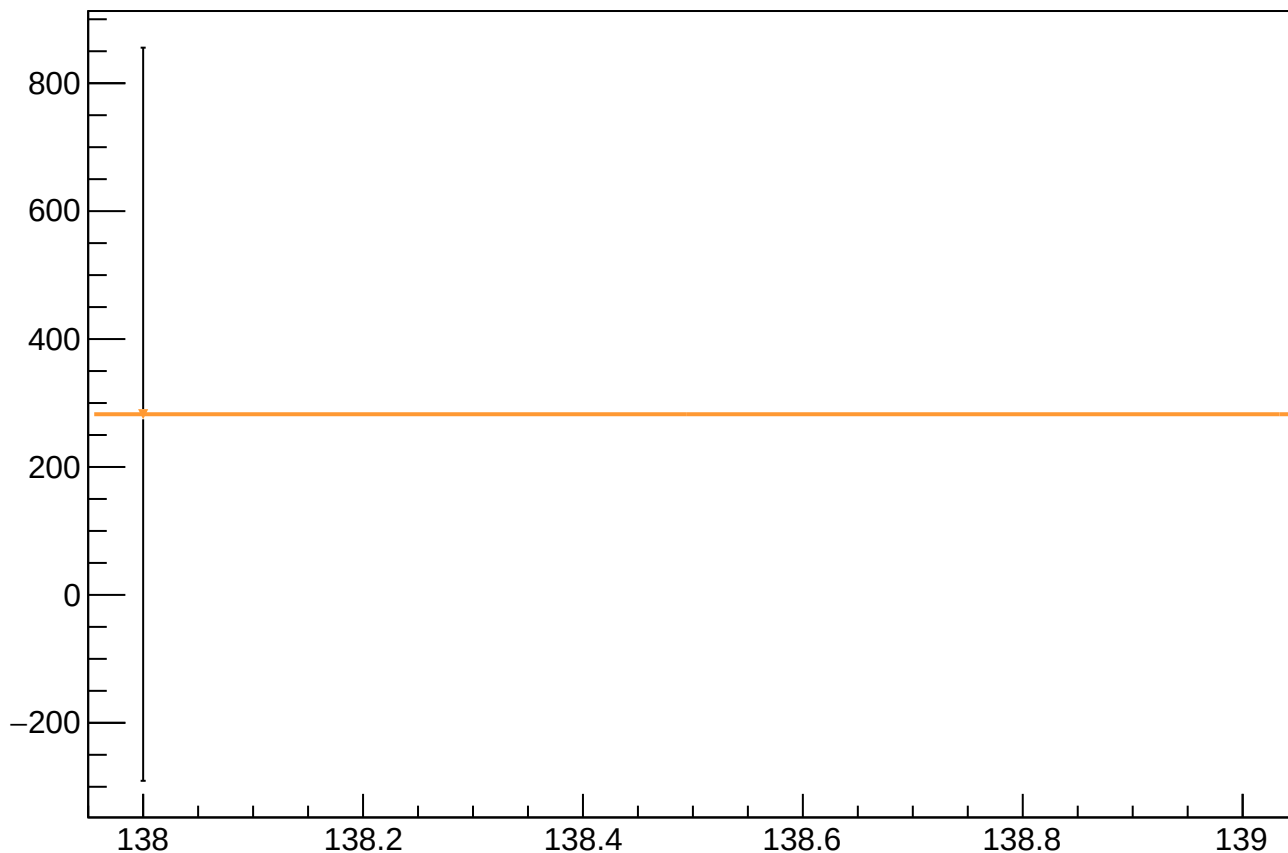
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 510.575+/-0.424 χ^2/NDF : 0.0/0

All: 510.575+/-0.424 χ^2/NDF : 0.0/0

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 282.465+/-573.112 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: 282.465+/-573.112 χ^2/NDF : 0.0/0

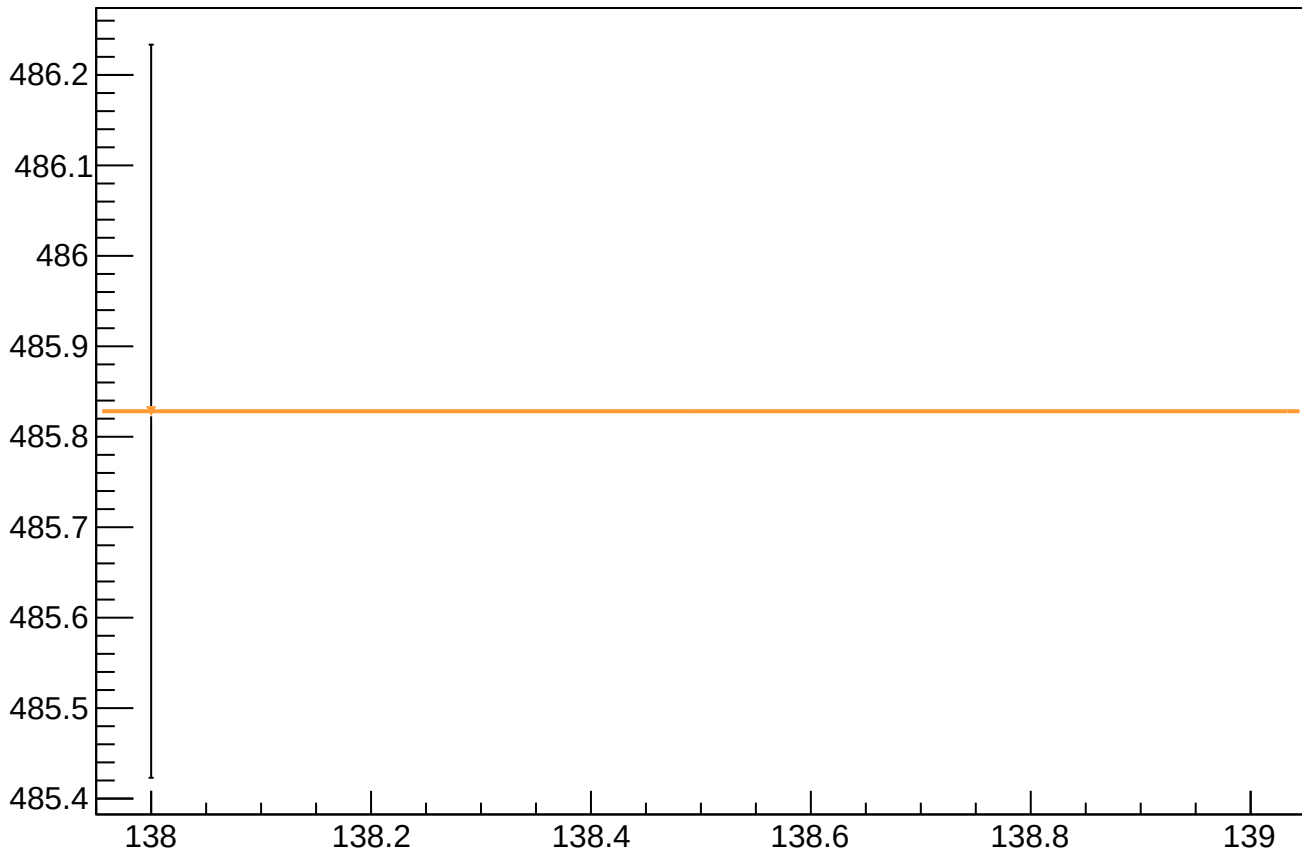
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 282.465+/-573.112 χ^2/NDF : 0.0/0

All: 282.465+/-573.112 χ^2/NDF : 0.0/0

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 485.828 $\pm$ 0.405 χ^2 /NDF:0.0/0

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

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

Left: 485.828 $\pm$ 0.405 χ^2 /NDF: 0.0/0

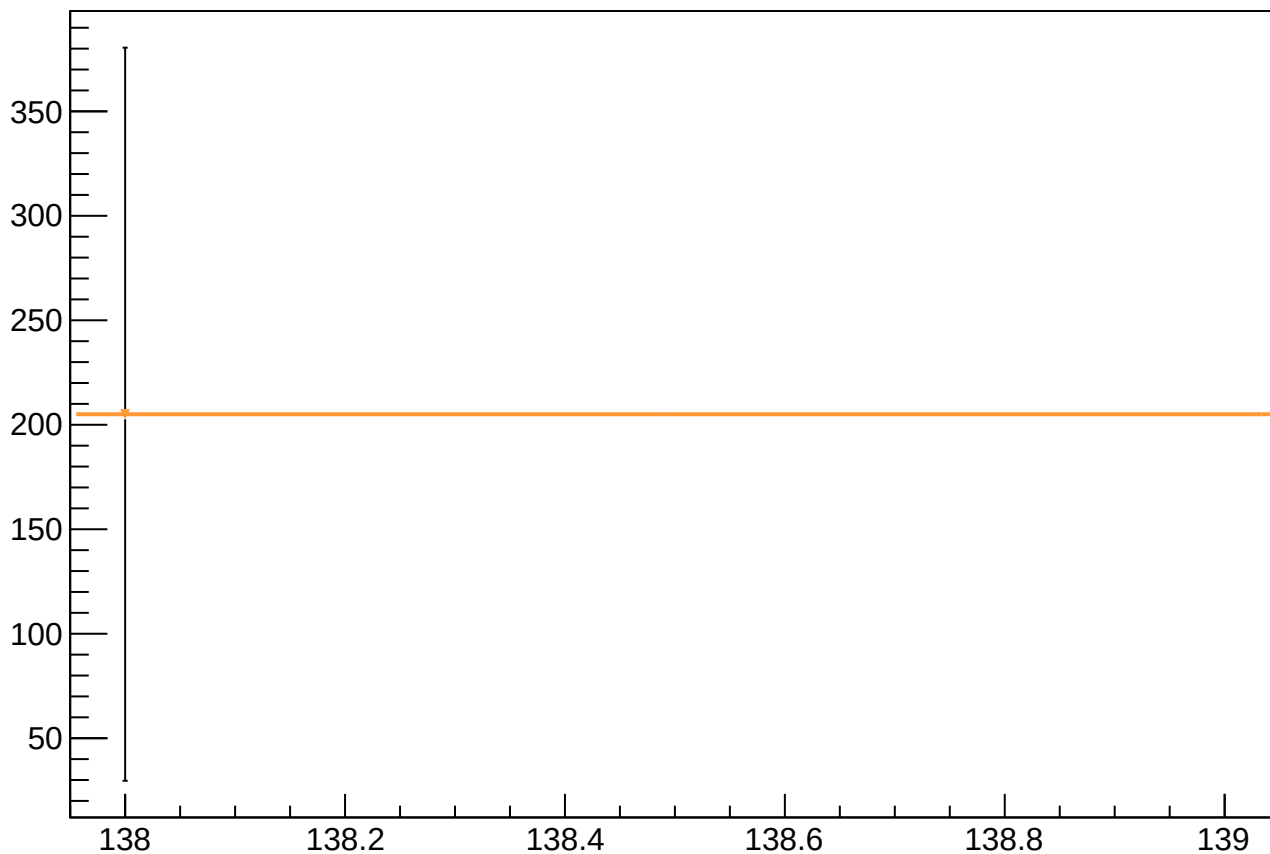
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 485.828 $\pm$ 0.405 χ^2 /NDF:0.0/0

All: 485.828 $\pm$ 0.405 χ^2 /NDF: 0.0/0

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 205.044+/-175.422 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: 205.044+/-175.422 χ^2/NDF : 0.0/0

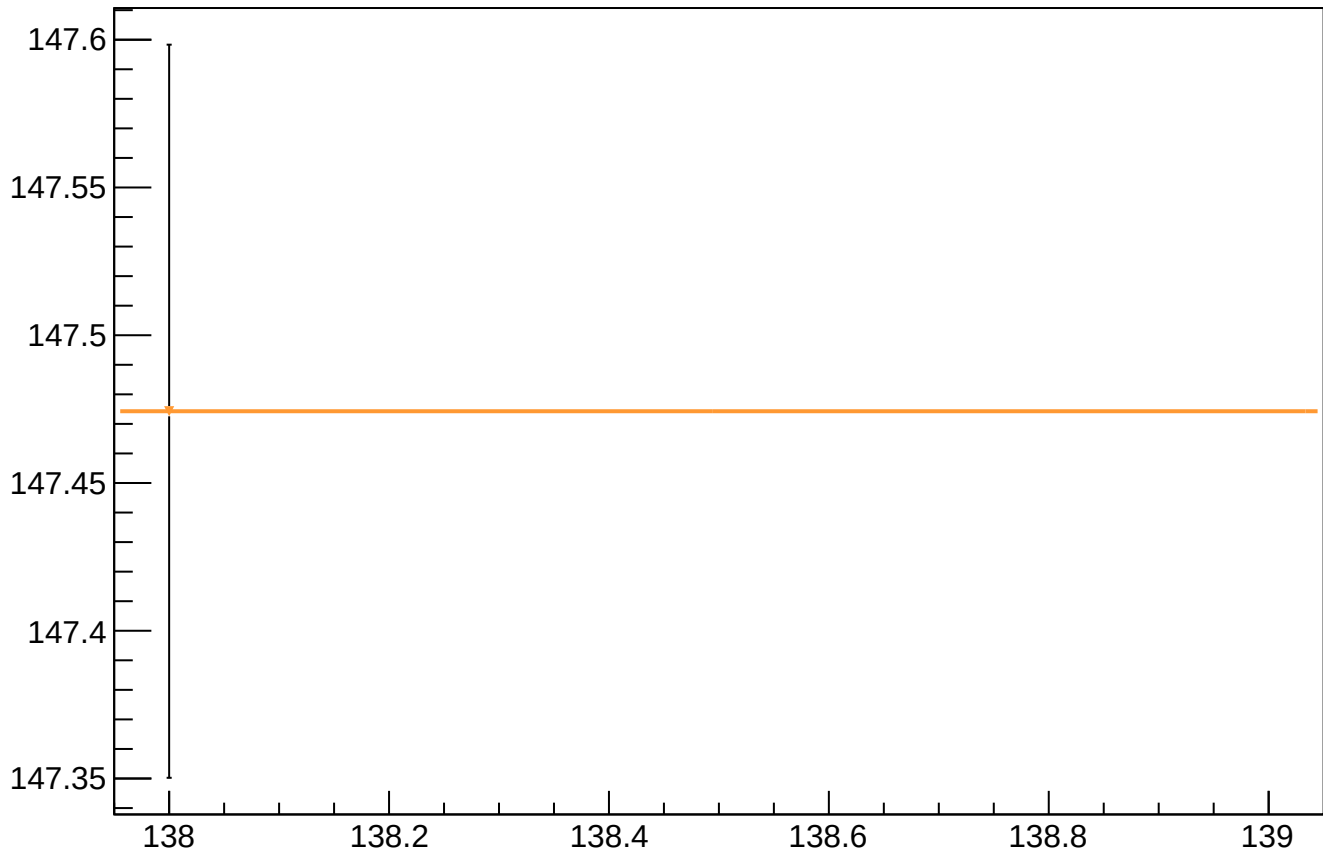
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 205.044+/-175.422 χ^2/NDF : 0.0/0

All: 205.044+/-175.422 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 147.474+/-0.124 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: 147.474+/-0.124 χ^2/NDF : 0.0/0

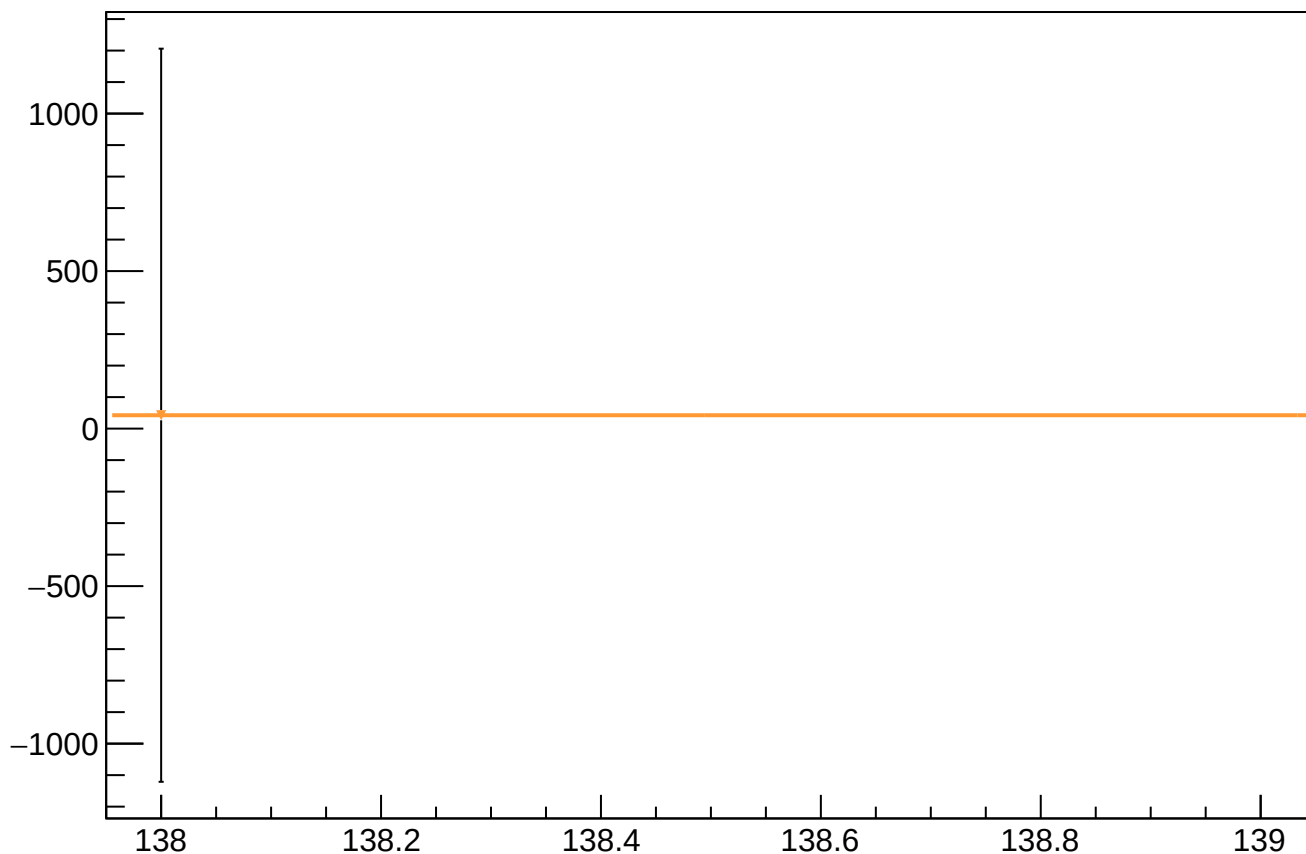
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 147.474+/-0.124 χ^2/NDF : 0.0/0

All: 147.474+/-0.124 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 42.446+/-1163.603 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: 42.446+/-1163.603 χ^2/NDF : 0.0/0

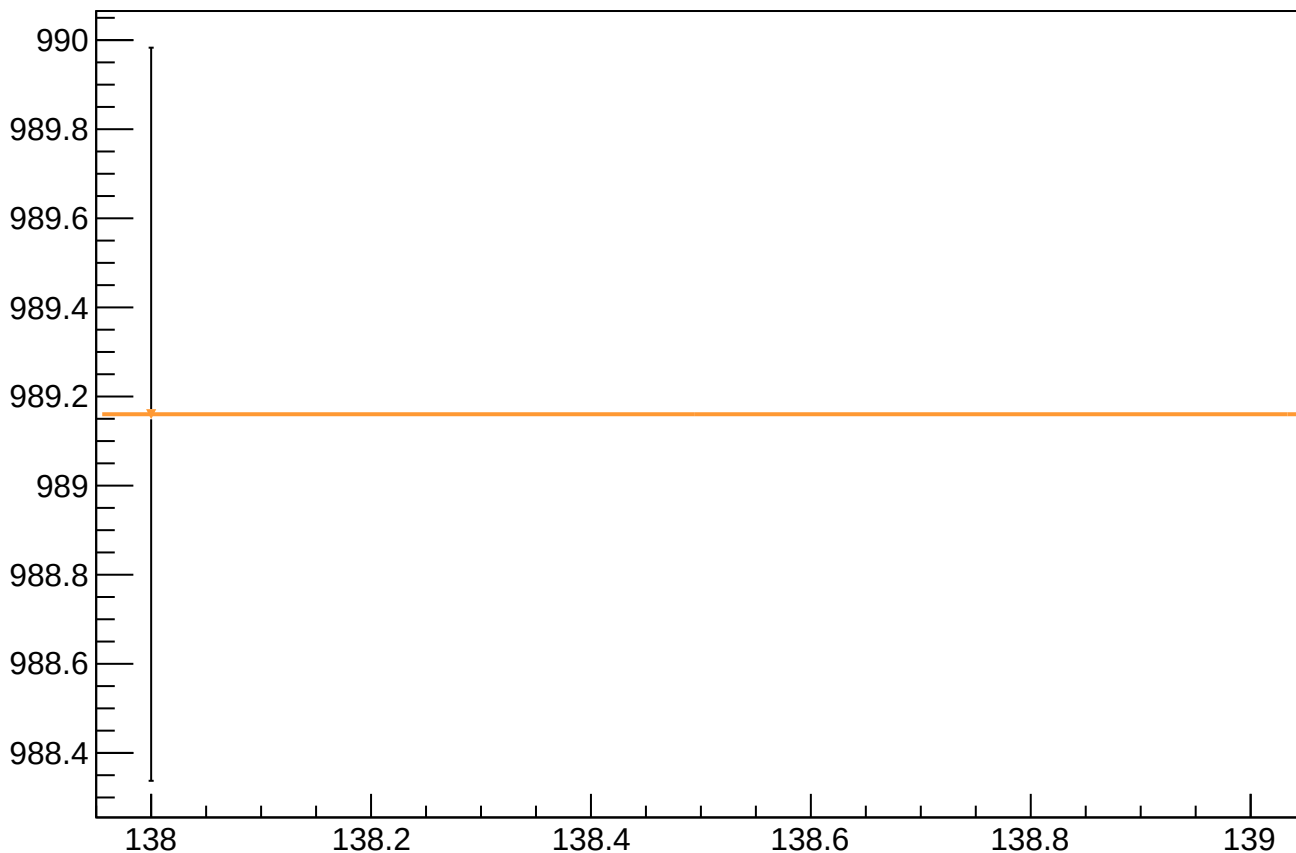
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 42.446+/-1163.603 χ^2/NDF : 0.0/0

All: 42.446+/-1163.603 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 989.160+/-0.823 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: 989.160+/-0.823 χ^2/NDF : 0.0/0

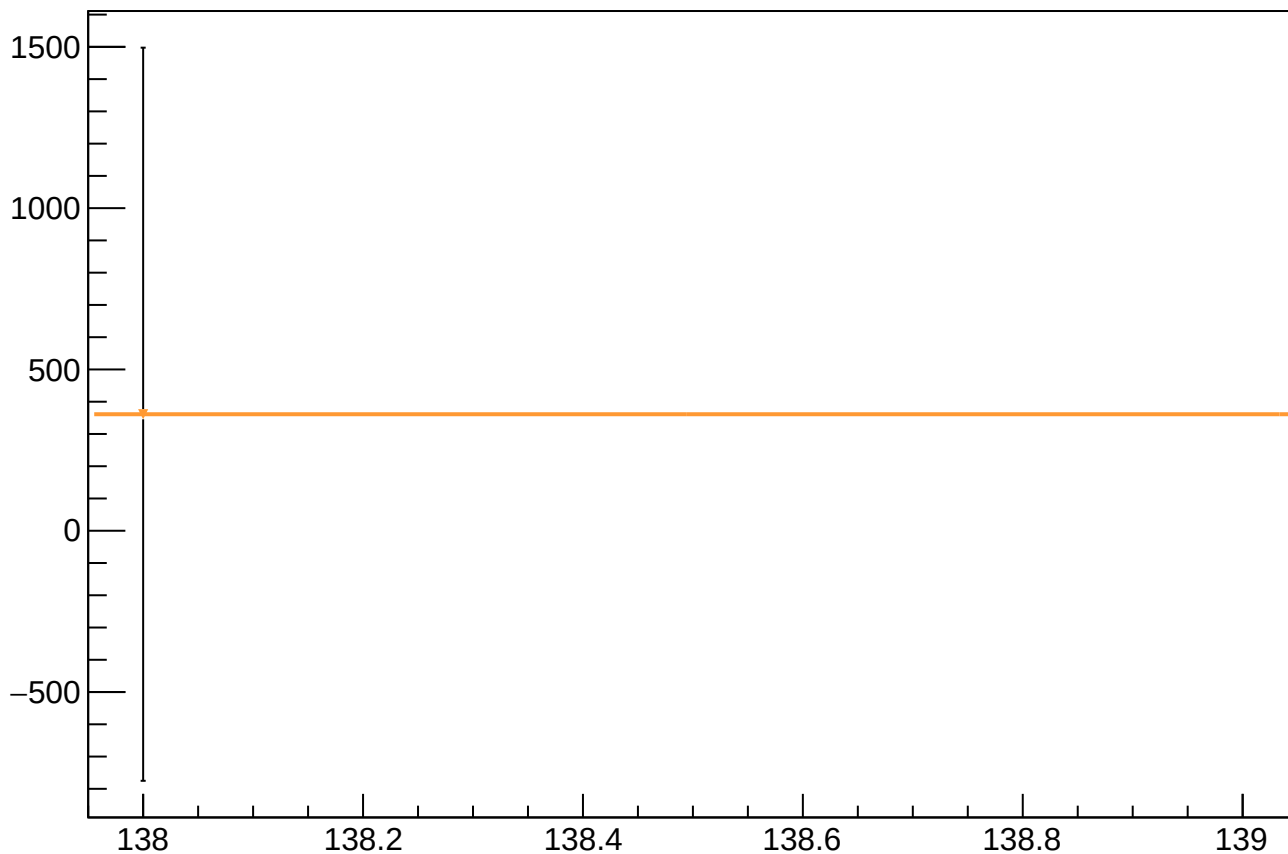
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 989.160+/-0.823 χ^2/NDF : 0.0/0

All: 989.160+/-0.823 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 361.179+/-1136.306 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: 361.179+/-1136.306 χ^2/NDF : 0.0/0

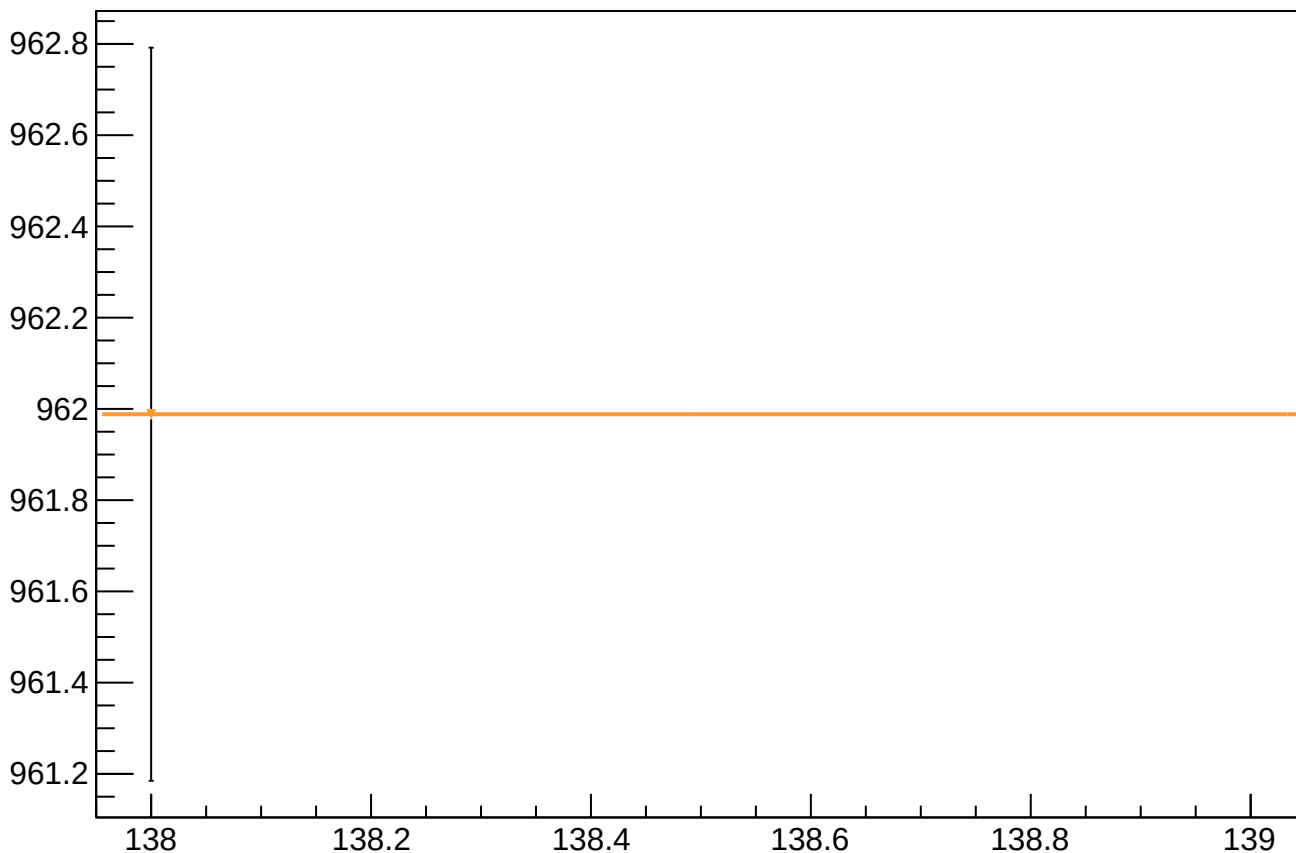
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 361.179+/-1136.306 χ^2/NDF : 0.0/0

All: 361.179+/-1136.306 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 961.988+/-0.803 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: 961.988+/-0.803 χ^2/NDF : 0.0/0

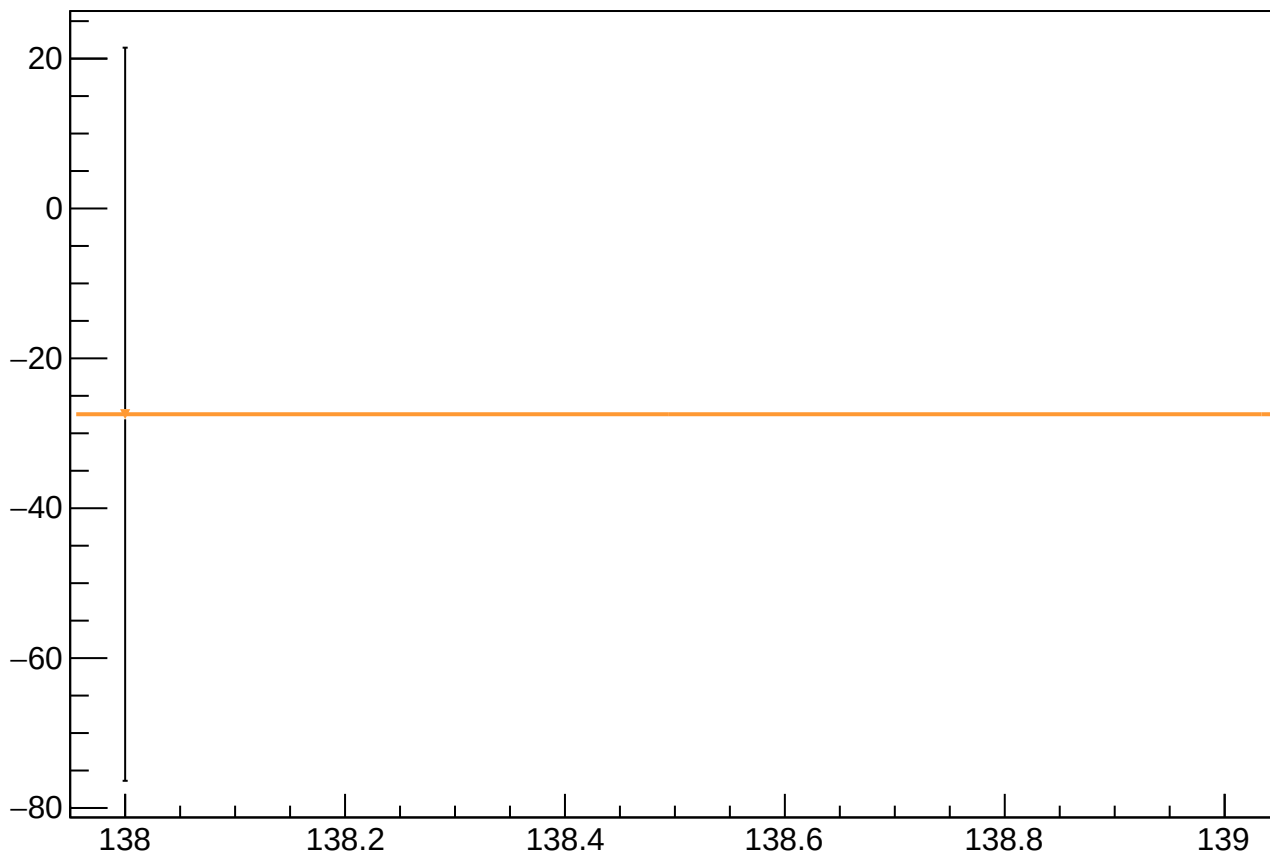
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 961.988+/-0.803 χ^2/NDF : 0.0/0

All: 961.988+/-0.803 χ^2/NDF : 0.0/0

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: -27.456+/-48.916 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: -27.456+/-48.916 χ^2/NDF : 0.0/0

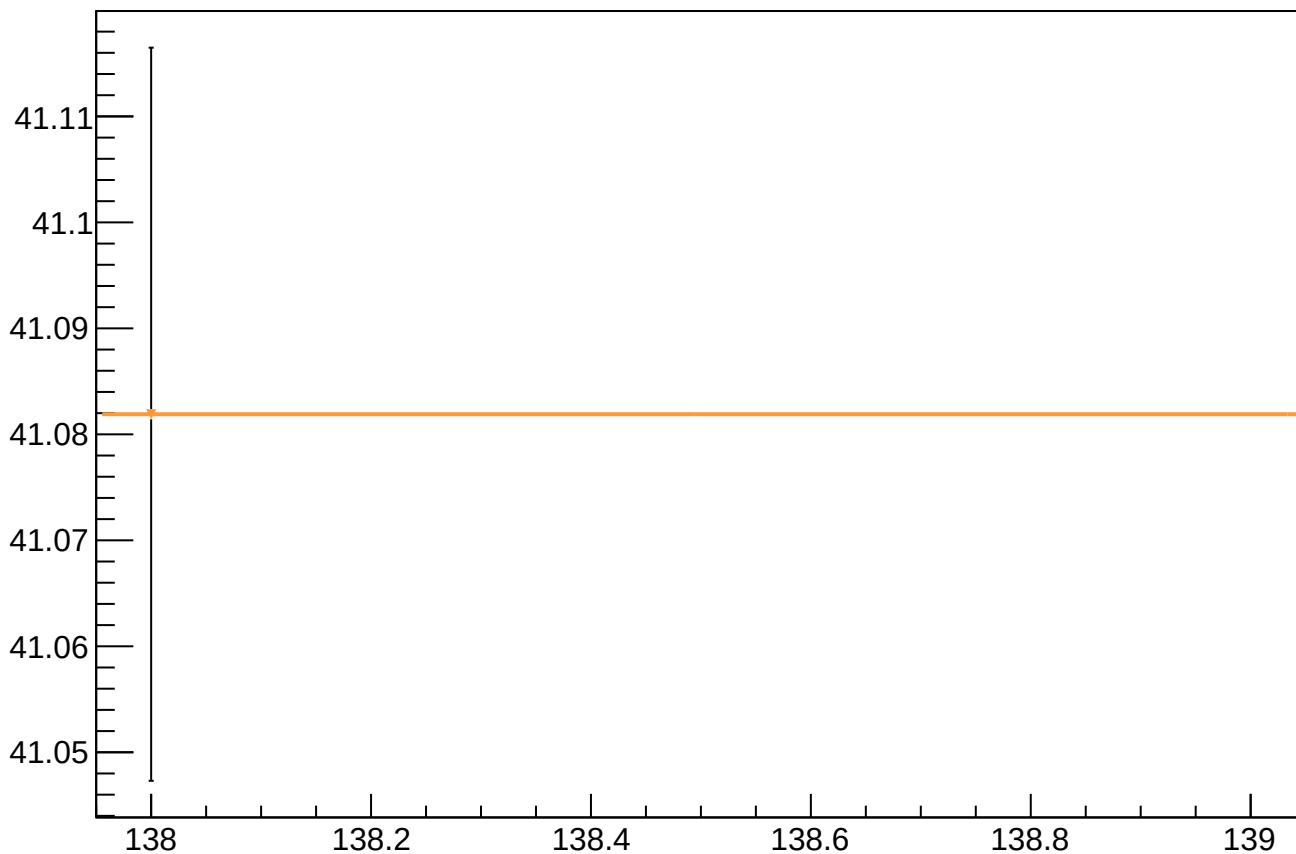
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -27.456+/-48.916 χ^2/NDF : 0.0/0

All: -27.456+/-48.916 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 41.082 $\pm$ 0.035 χ^2 /NDF:0.0/0

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

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

Left: 41.082 $\pm$ 0.035 χ^2 /NDF: 0.0/0

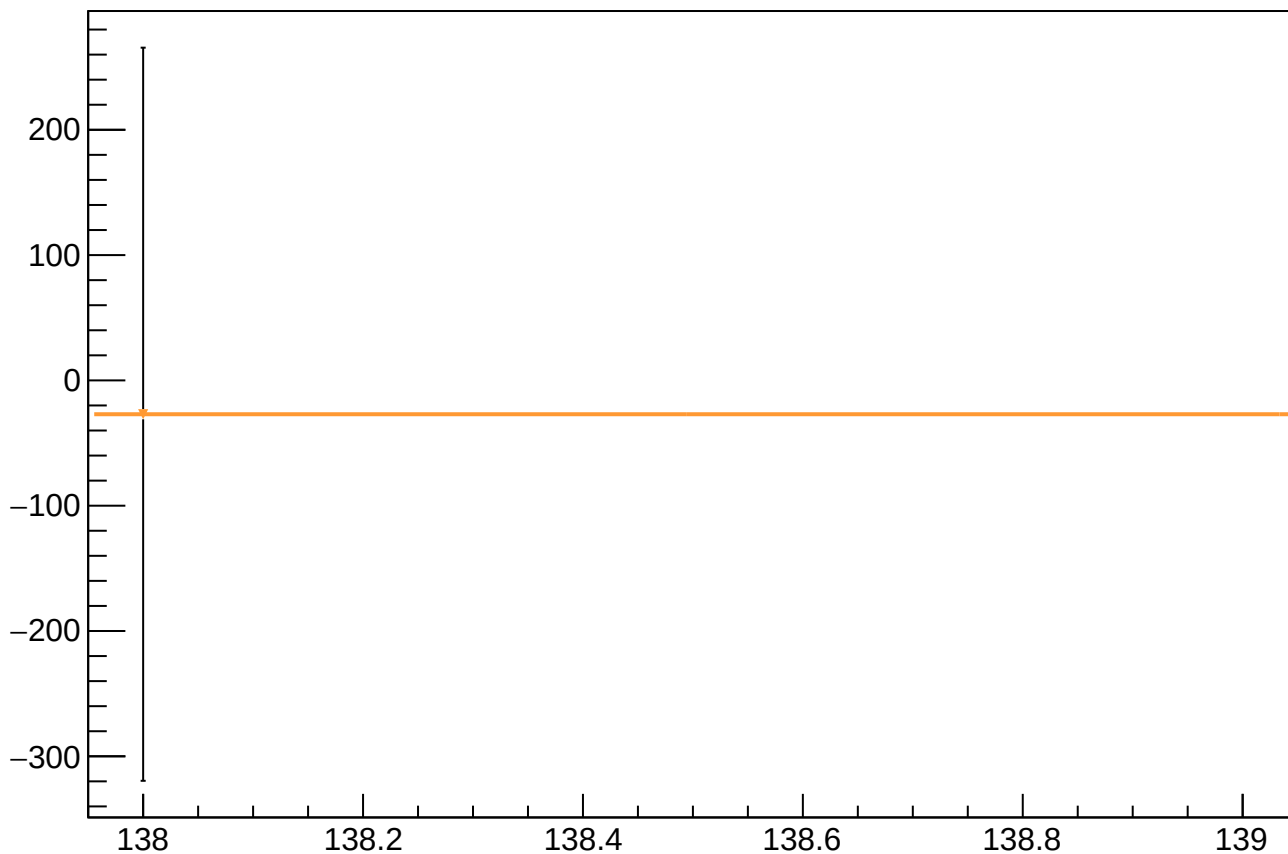
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 41.082 $\pm$ 0.035 χ^2 /NDF:0.0/0

All: 41.082 $\pm$ 0.035 χ^2 /NDF: 0.0/0

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: -27.007+/-292.549 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: -27.007+/-292.549 χ^2/NDF : 0.0/0

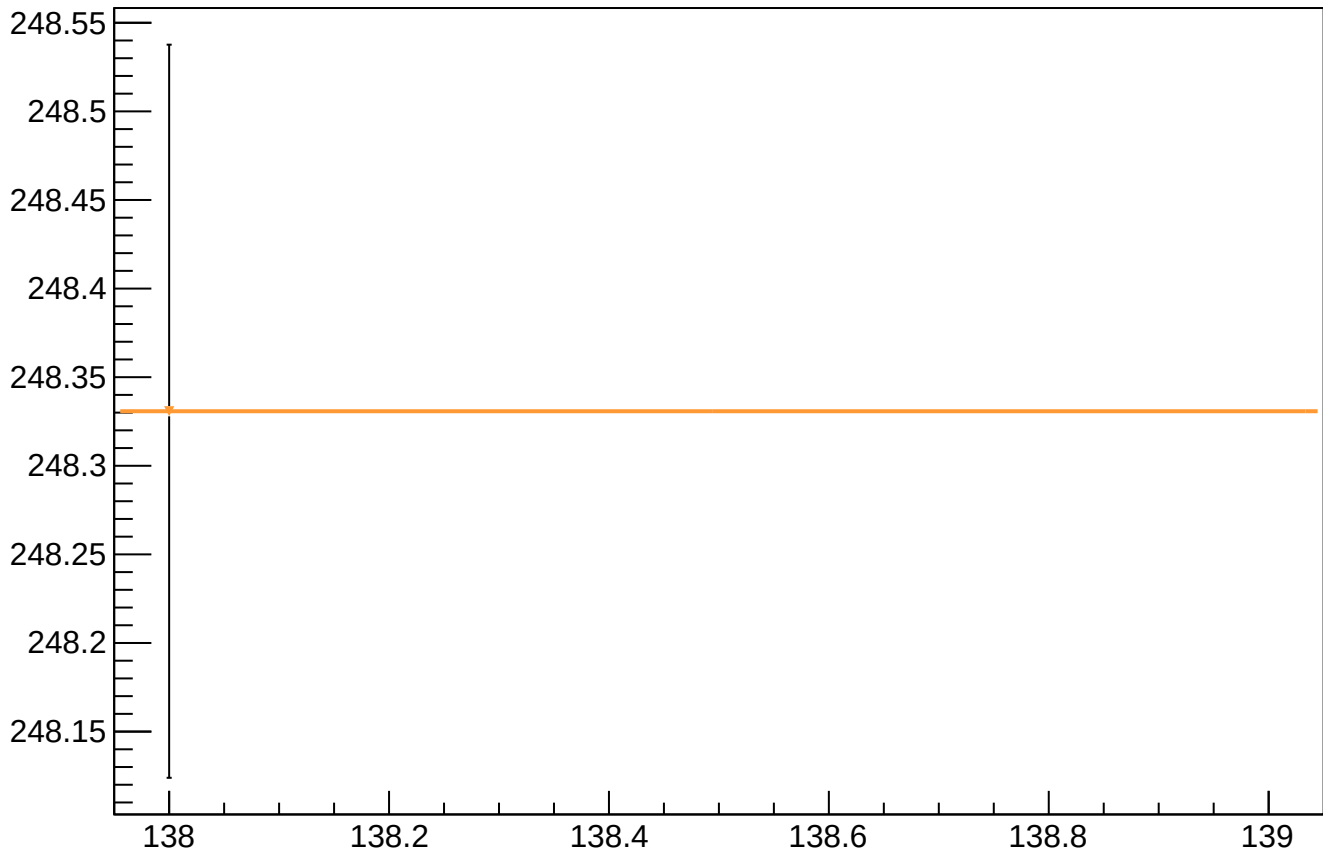
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -27.007+/-292.549 χ^2/NDF : 0.0/0

All: -27.007+/-292.549 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 248.331+/-0.207 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: 248.331+/-0.207 χ^2/NDF : 0.0/0

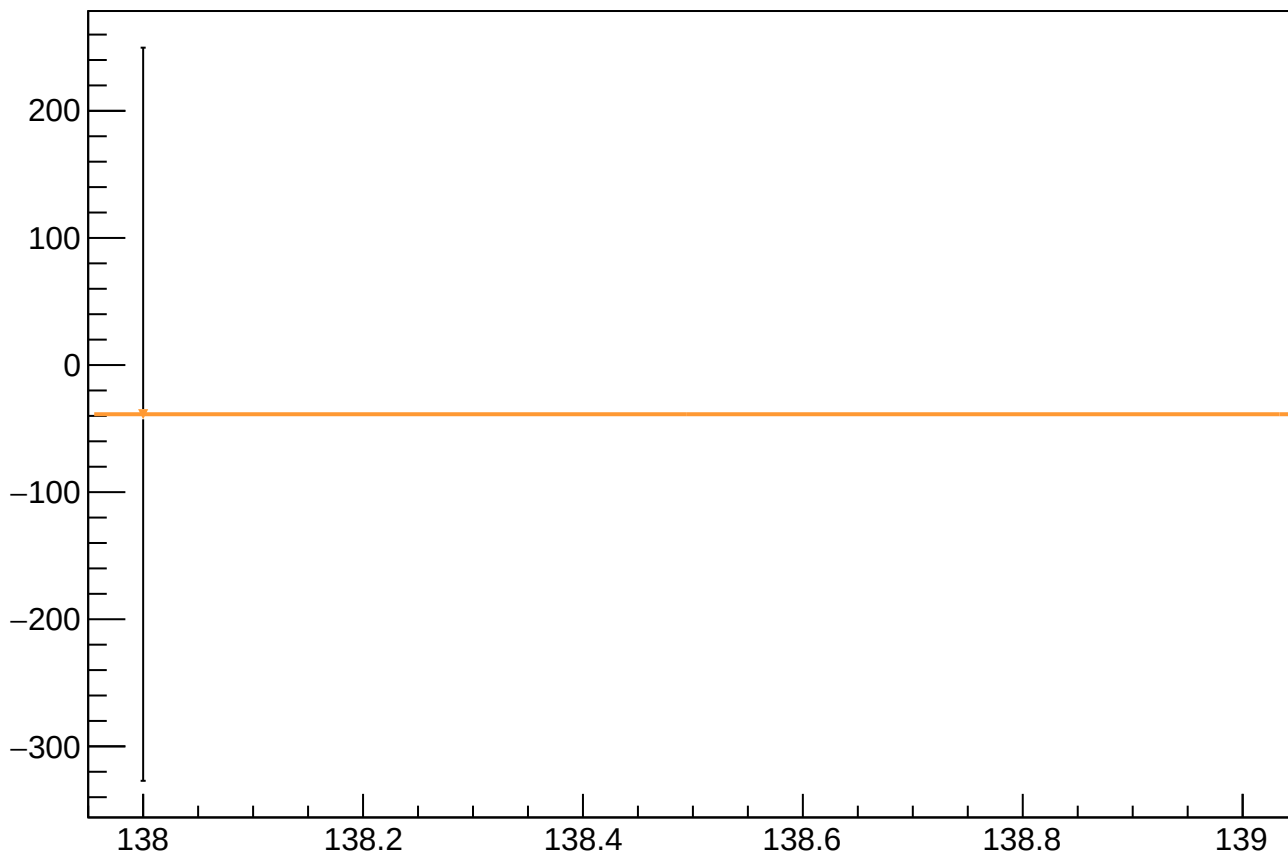
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 248.331+/-0.207 χ^2/NDF : 0.0/0

All: 248.331+/-0.207 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -38.700+/-288.402 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: -38.700+/-288.402 χ^2/NDF : 0.0/0

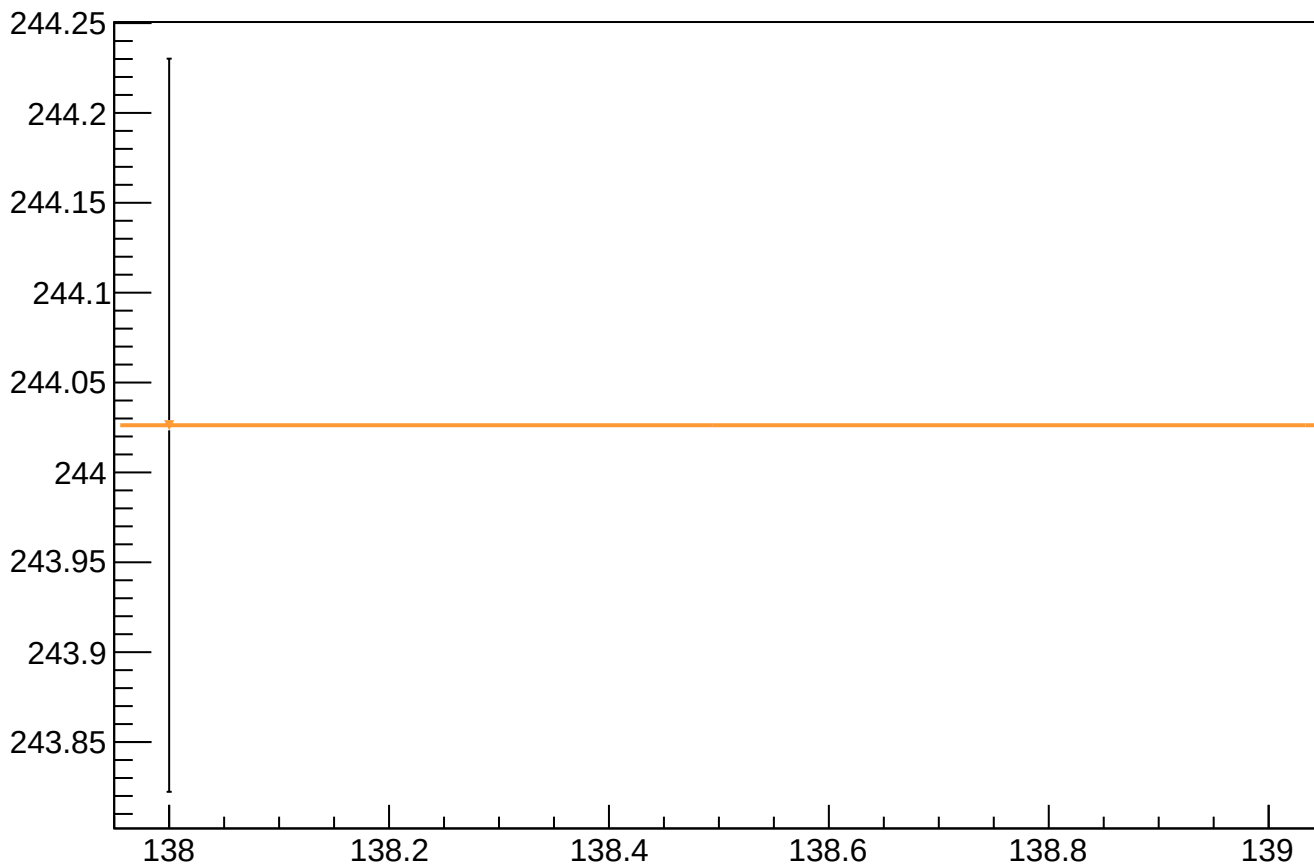
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -38.700+/-288.402 χ^2/NDF : 0.0/0

All: -38.700+/-288.402 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 244.026+/-0.204 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: 244.026+/-0.204 χ^2/NDF : 0.0/0

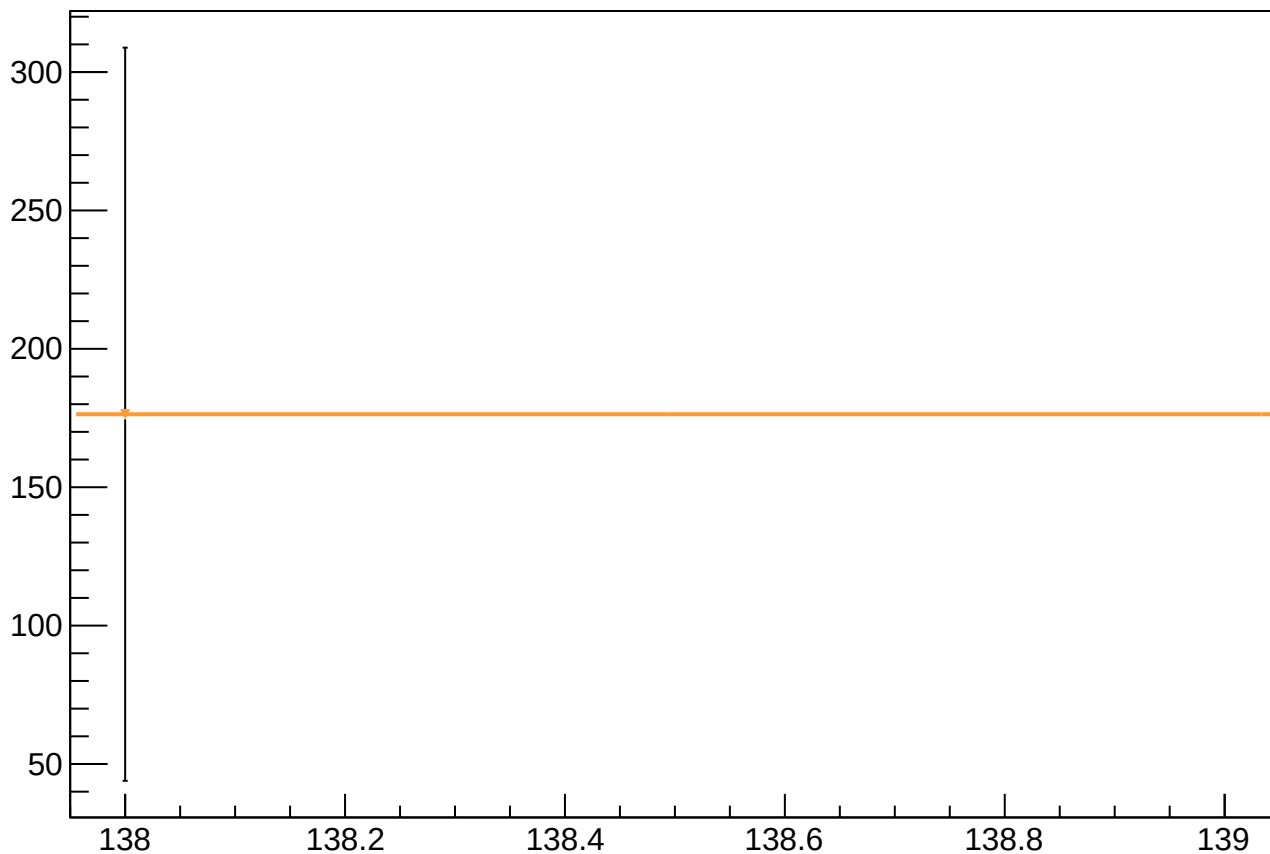
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 244.026+/-0.204 χ^2/NDF : 0.0/0

All: 244.026+/-0.204 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 176.371+/-132.445 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: 176.371+/-132.445 χ^2/NDF : 0.0/0

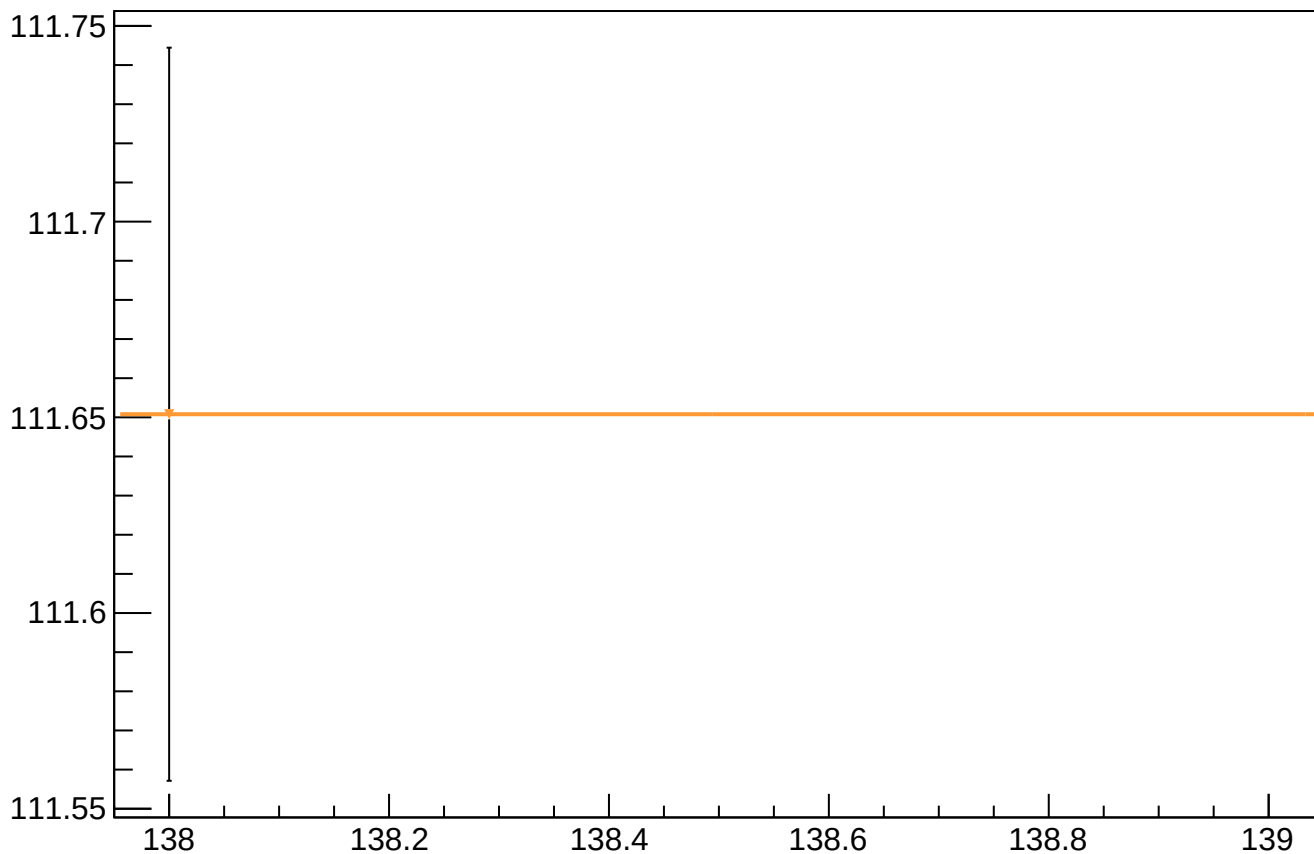
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 176.371+/-132.445 χ^2/NDF : 0.0/0

All: 176.371+/-132.445 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 111.651+/-0.094 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: 111.651+/-0.094 χ^2/NDF : 0.0/0

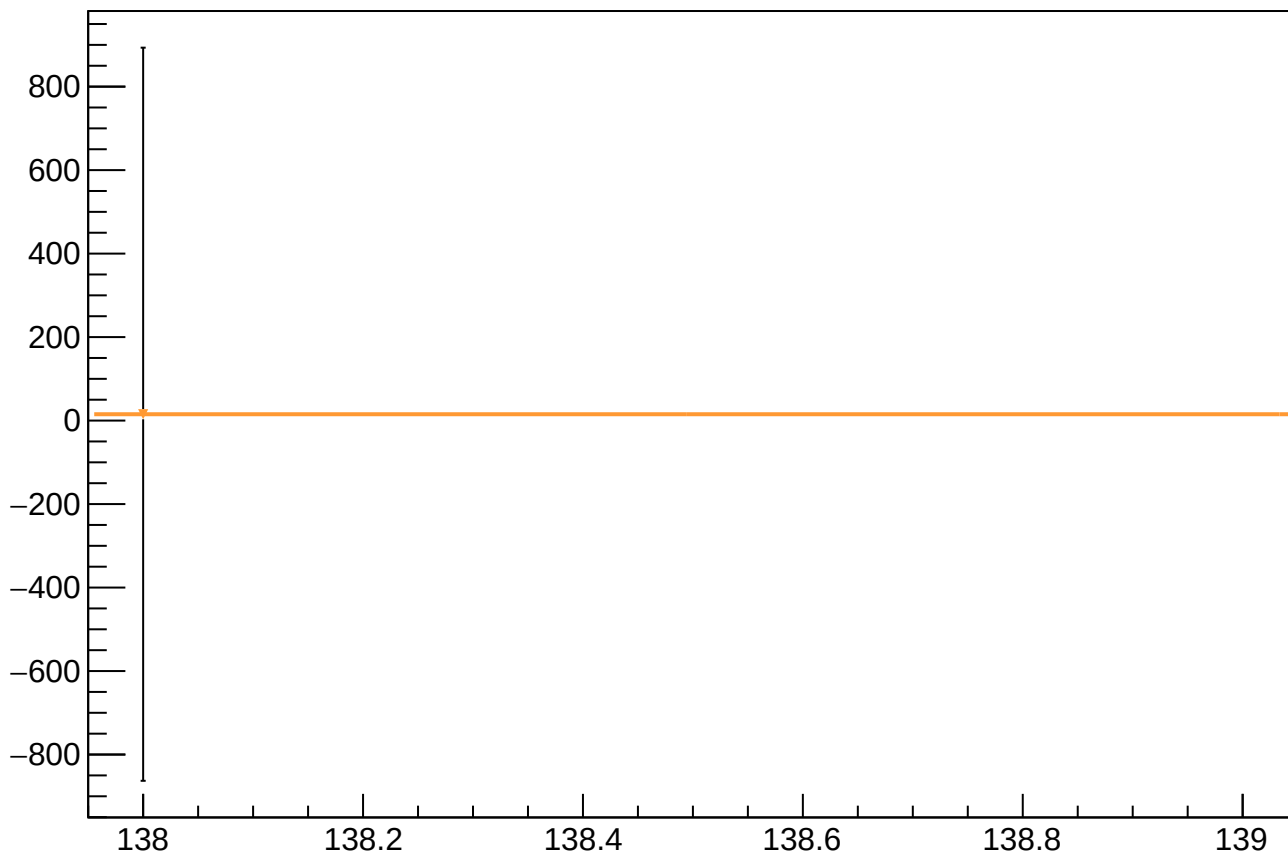
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 111.651+/-0.094 χ^2/NDF : 0.0/0

All: 111.651+/-0.094 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 15.211+/-878.112 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: 15.211+/-878.112 χ^2/NDF : 0.0/0

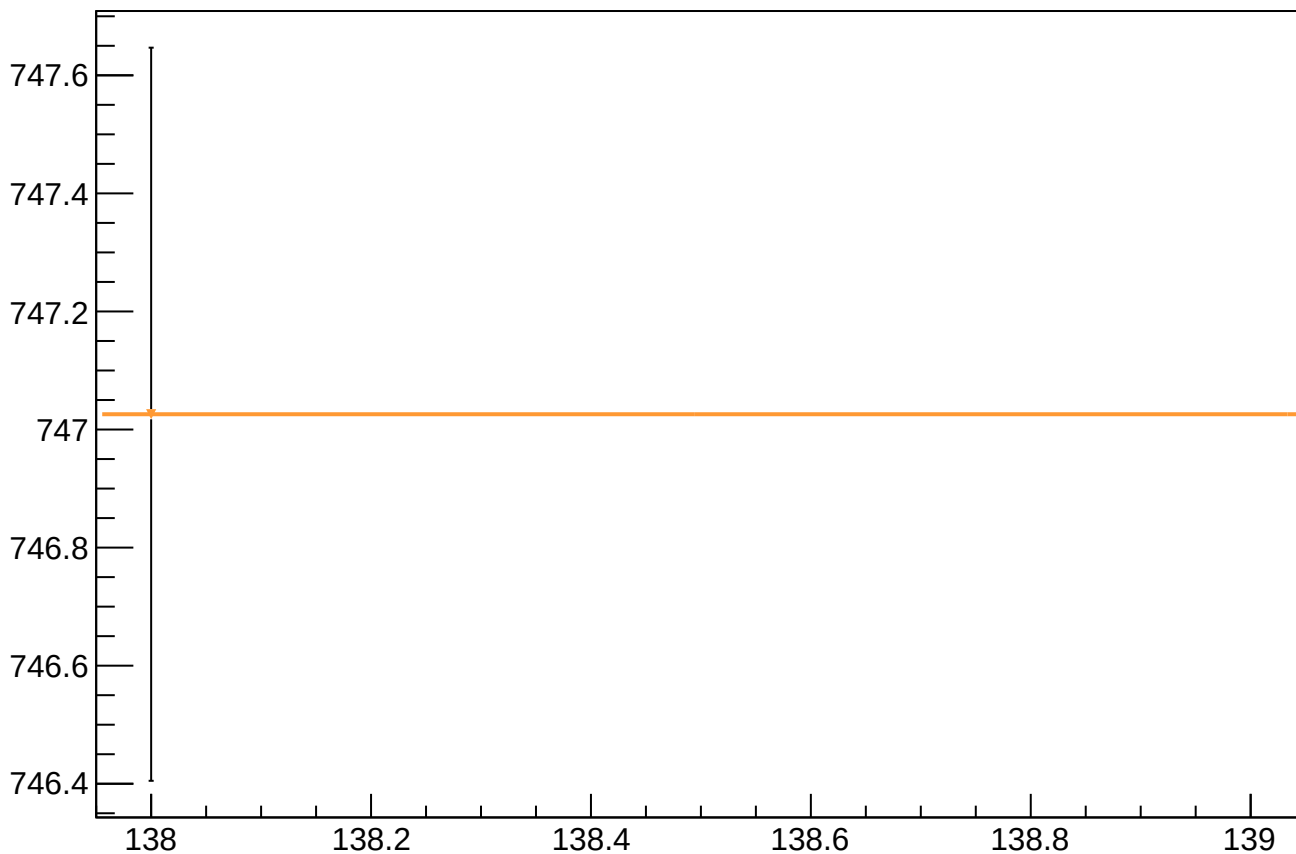
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 15.211+/-878.112 χ^2/NDF : 0.0/0

All: 15.211+/-878.112 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 747.026+/-0.621 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: 747.026+/-0.621 χ^2/NDF : 0.0/0

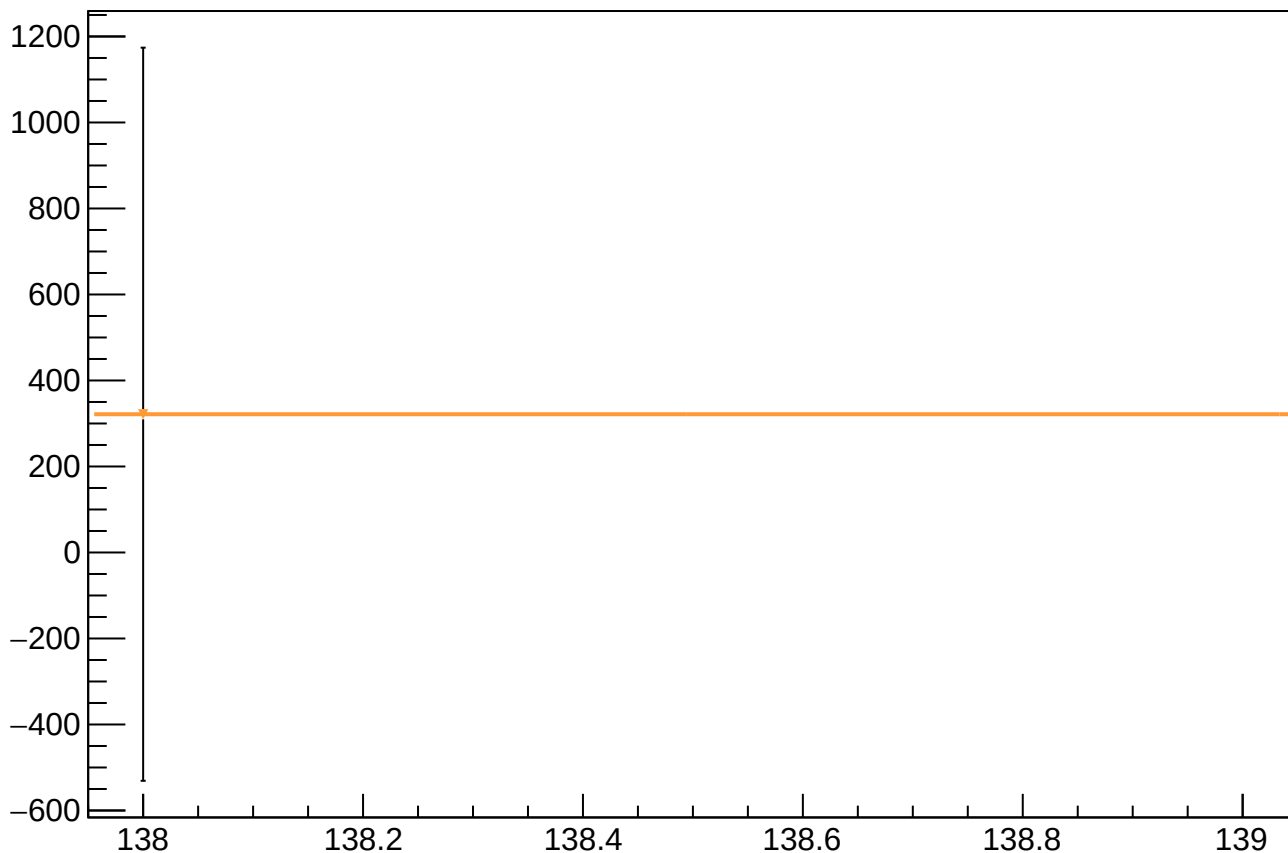
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 747.026+/-0.621 χ^2/NDF : 0.0/0

All: 747.026+/-0.621 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 321.504+/-852.459 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: 321.504+/-852.459 χ^2/NDF : 0.0/0

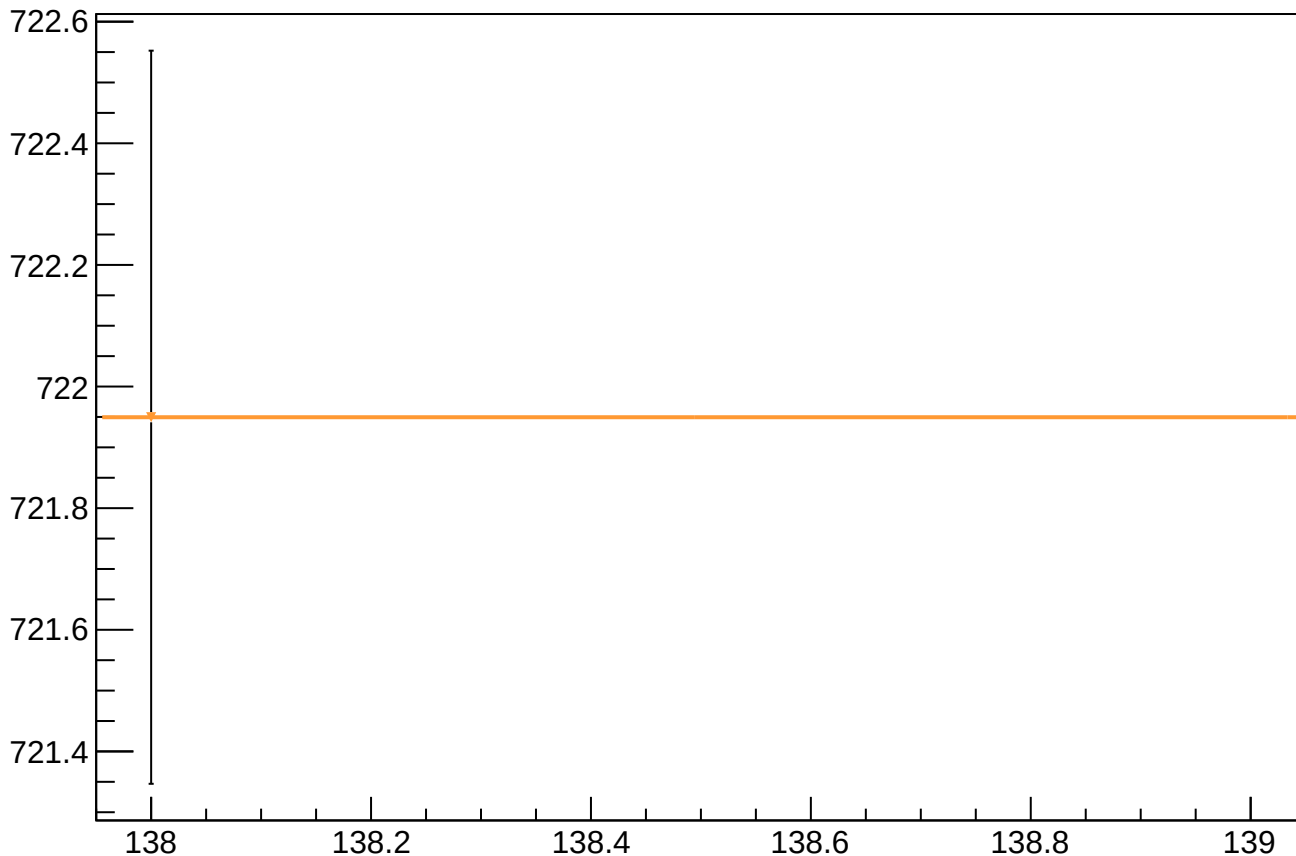
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 321.504+/-852.459 χ^2/NDF : 0.0/0

All: 321.504+/-852.459 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 721.950+/-0.603 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: 721.950+/-0.603 χ^2/NDF : 0.0/0

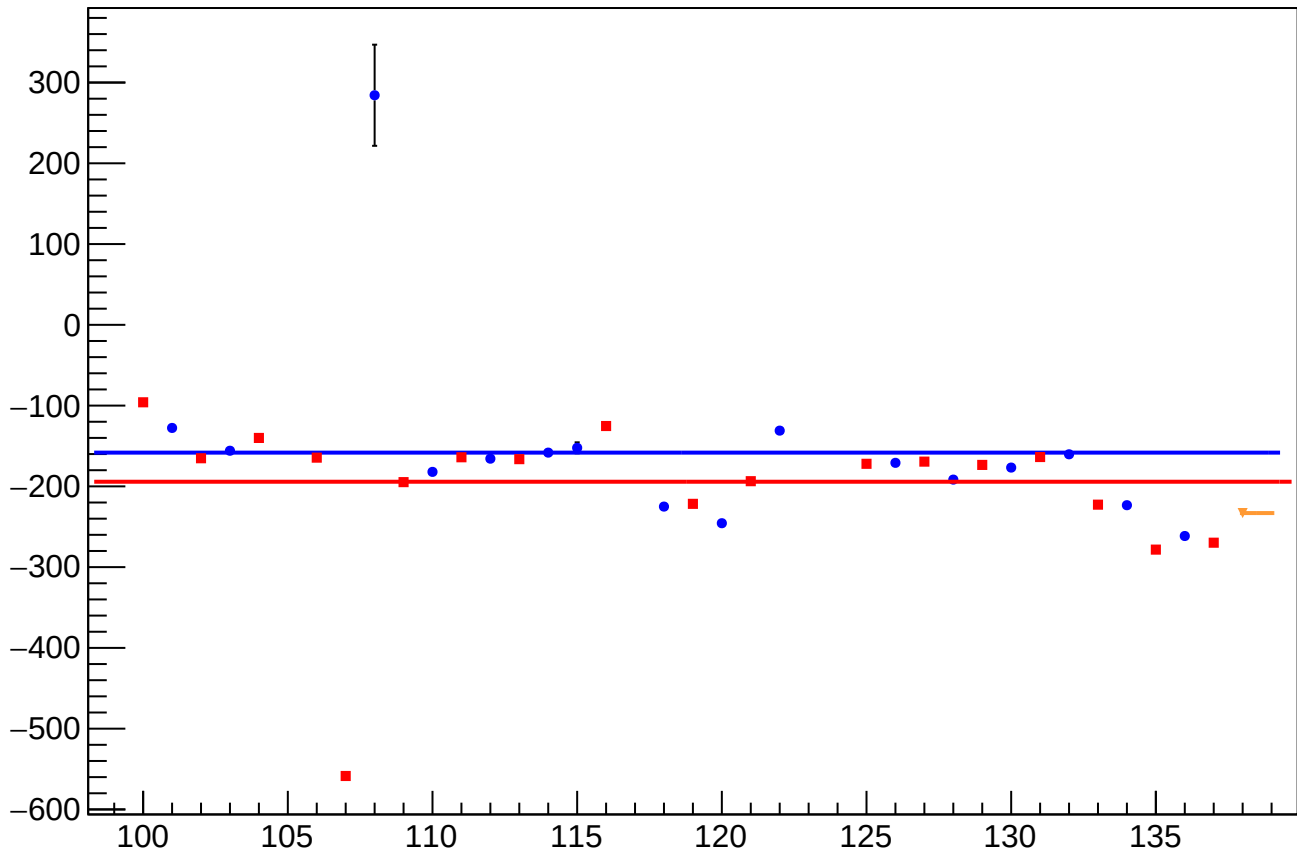
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 721.950+/-0.603 χ^2/NDF : 0.0/0

All: 721.950+/-0.603 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 117166.2/15$

Left Out: -233.060 ± 0.844 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -194.268 ± 0.165 $\chi^2/\text{NDF}: 176560.4/17$

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

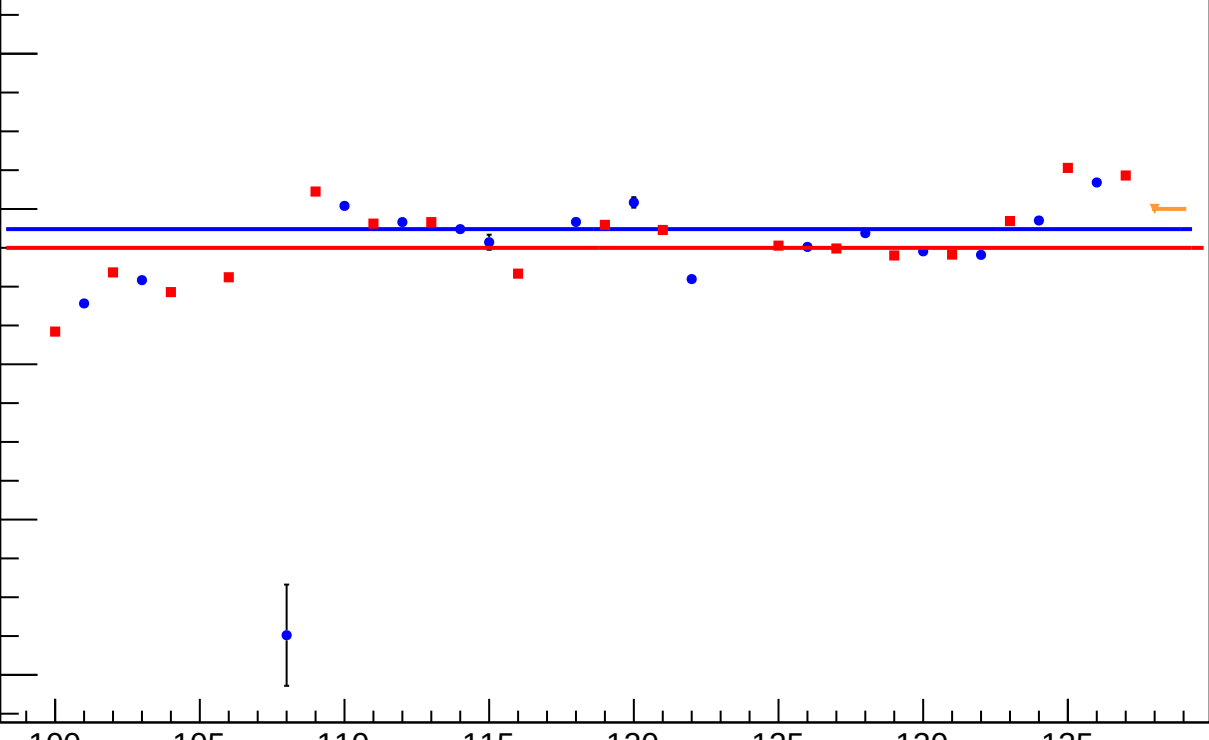
Left: -233.060 ± 0.844 $\chi^2/\text{NDF}: 0.0/0$

Right: -158.222 ± 0.000 $\chi^2/\text{NDF}: 341369.6/33$

In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 117166.2/15$

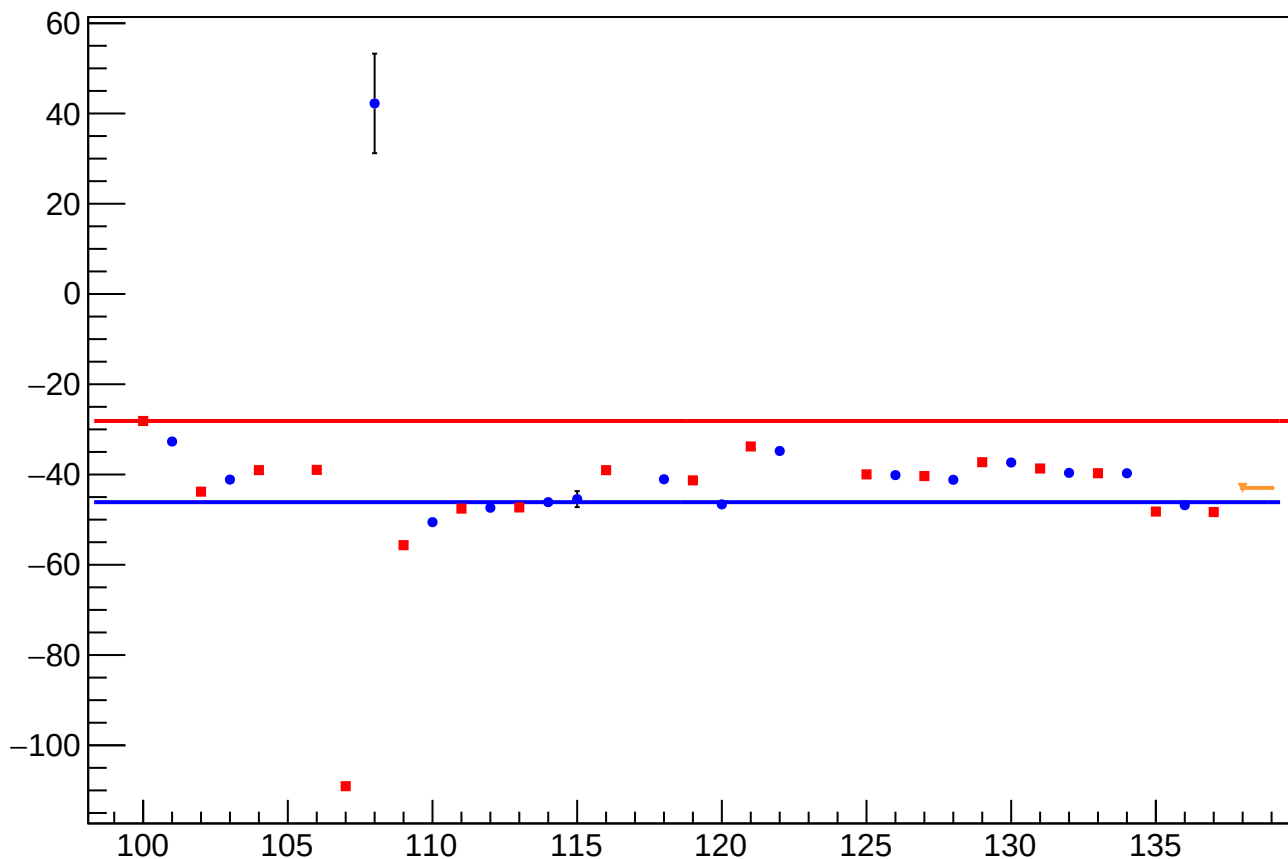
Out: -195.699 ± 0.162 $\chi^2/\text{NDF}: 178596.1/18$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 349236.6/34$



All: 174.085+/-0.000 χ^2/NDF : 237393.4/34

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF : 201273.7/15

Left Out: -42.968+/-0.019 χ^2/NDF : 0.0/0

Right Out: -28.139+/-0.000 χ^2/NDF : 746939.9/17

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

Left: -42.968+/-0.019 χ^2/NDF : 0.0/0

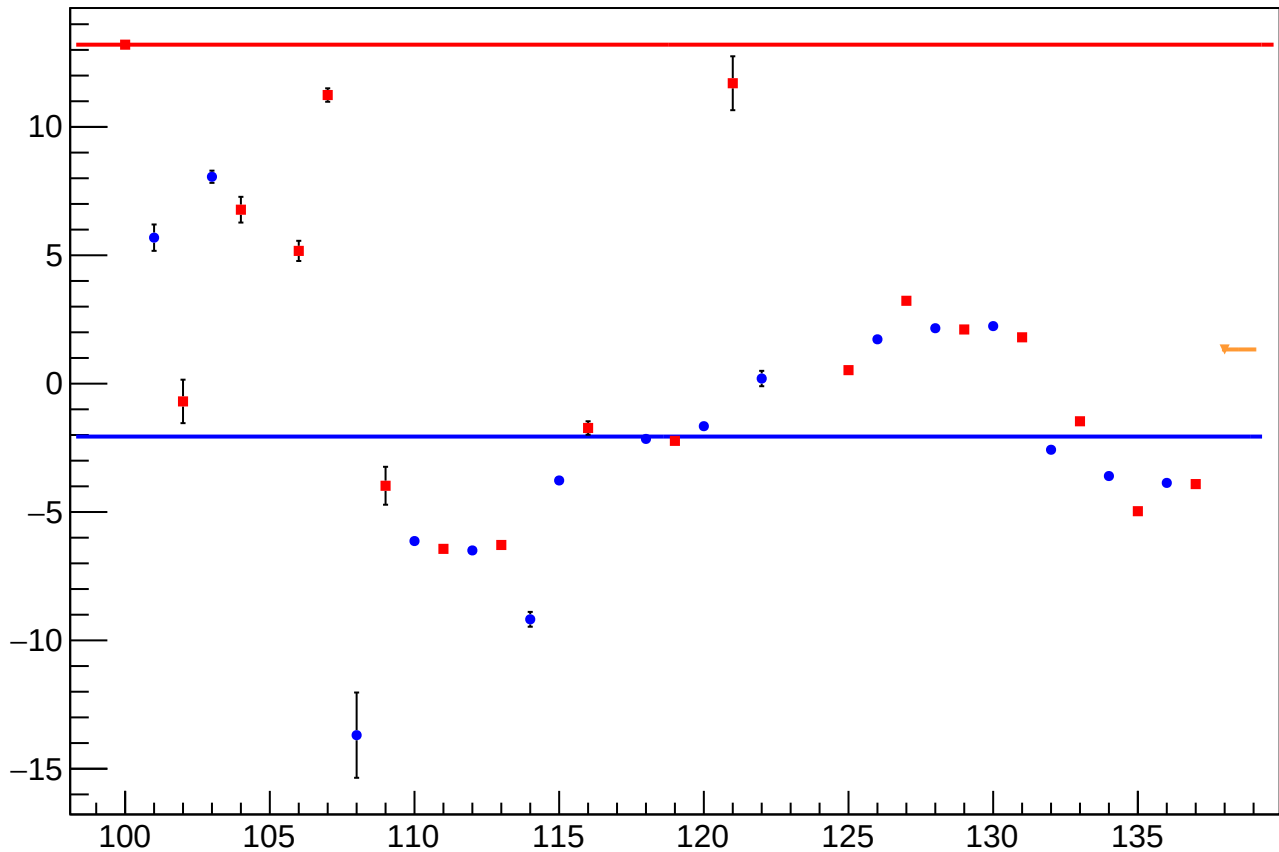
Right: -39.778+/-0.000 χ^2/NDF : 248795993231659

In: -46.126+/-0.000 χ^2/NDF : 201273.7/15

Out: -28.139+/-0.000 χ^2/NDF : 1375872.0/18

All: -39.778+/-0.000 χ^2/NDF : 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: 1.332 ± 0.049 χ^2/NDF : 0.0/0

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

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

Left: 1.332 ± 0.049 χ^2/NDF : 0.0/0

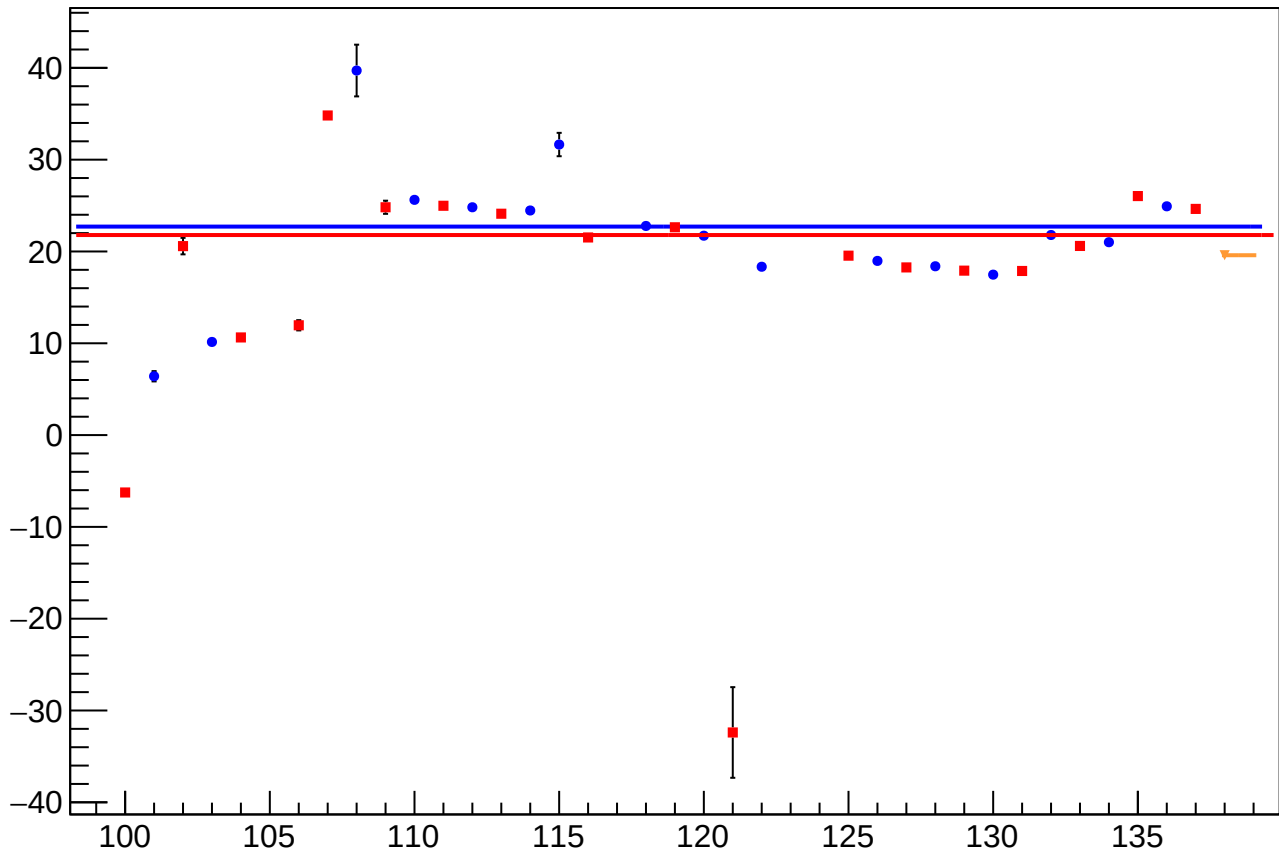
Right: 13.204 ± 0.000 χ^2/NDF : 1268800.5/33

In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Out: 13.204 ± 0.000 χ^2/NDF : 567668.1/18

All: 13.204 ± 0.000 χ^2/NDF : 1326747.6/34

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 19.591 $\pm$ 0.072 χ^2 /NDF:0.0/0

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

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

Left: 19.591 $\pm$ 0.072 χ^2 /NDF: 0.0/0

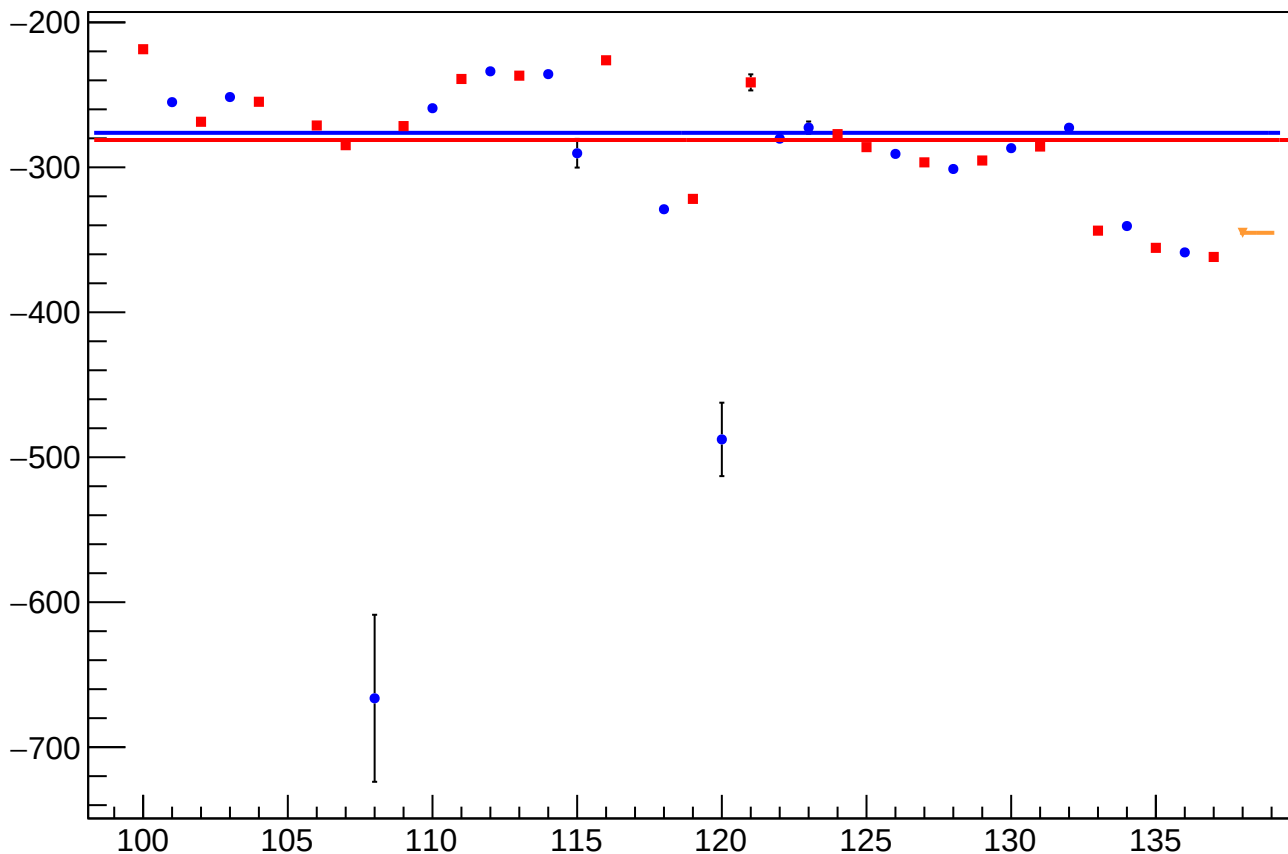
Right: 22.313 $\pm$ 0.014 χ^2 /NDF: 50478.1/33

In: 22.711 $\pm$ 0.019 χ^2 /NDF:22767.9/15

Out: 21.608 $\pm$ 0.021 χ^2 /NDF:27537.8/18

All: 22.211 $\pm$ 0.014 χ^2 /NDF: 51872.3/34

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -345.174 ± 0.478 χ^2/NDF : 0.0/0

Right Out: -281.150 ± 0.148 χ^2/NDF : 77611.5/18

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

Left: -345.174 ± 0.478 χ^2/NDF : 0.0/0

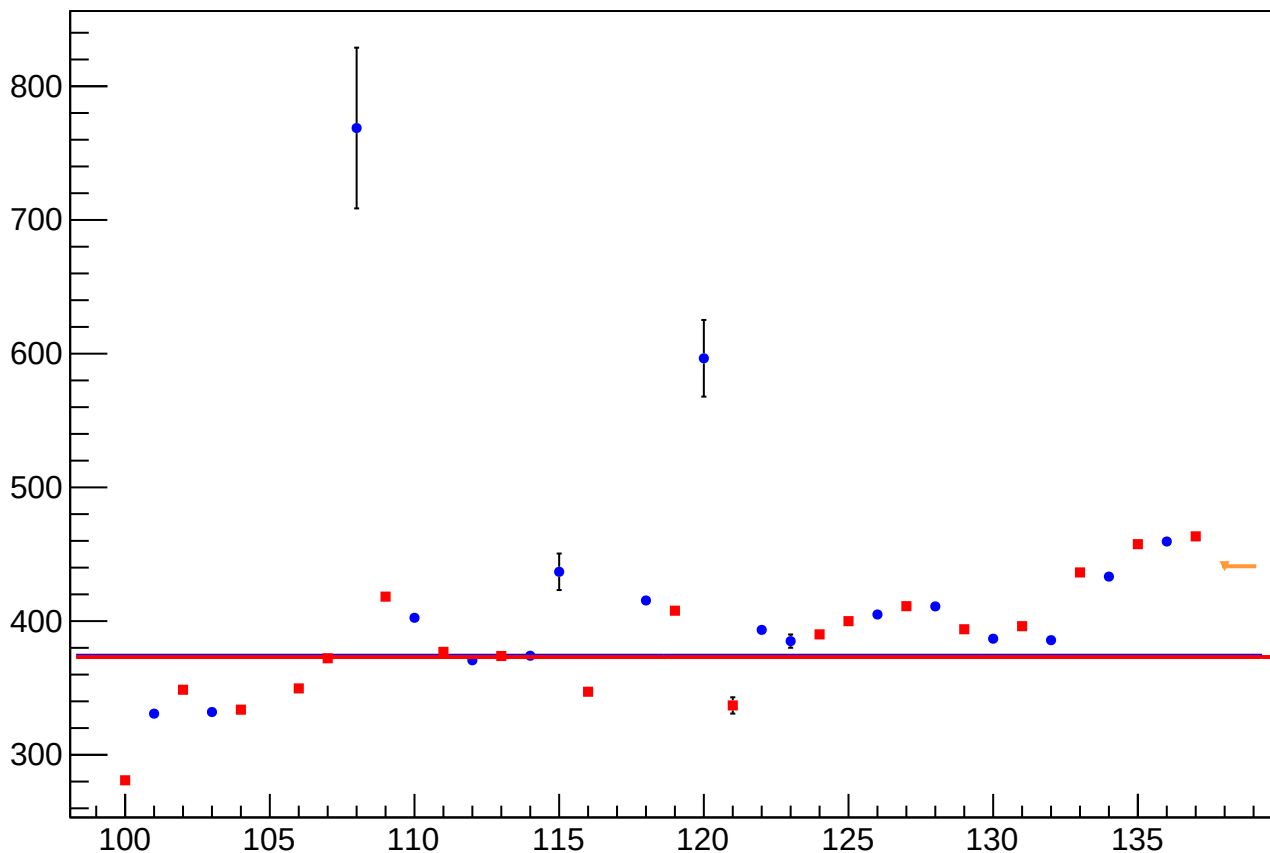
Right: -278.974 ± 0.110 χ^2/NDF : 136213.7/35

In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Out: -286.722 ± 0.141 χ^2/NDF : 93996.2/19

All: -282.331 ± 0.108 χ^2/NDF : 154428.1/36

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 441.009+/-0.523 χ^2/NDF :0.0/0

Right Out: 373.134+/-0.158 χ^2/NDF : 108219.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 441.009+/-0.523 χ^2/NDF : 0.0/0

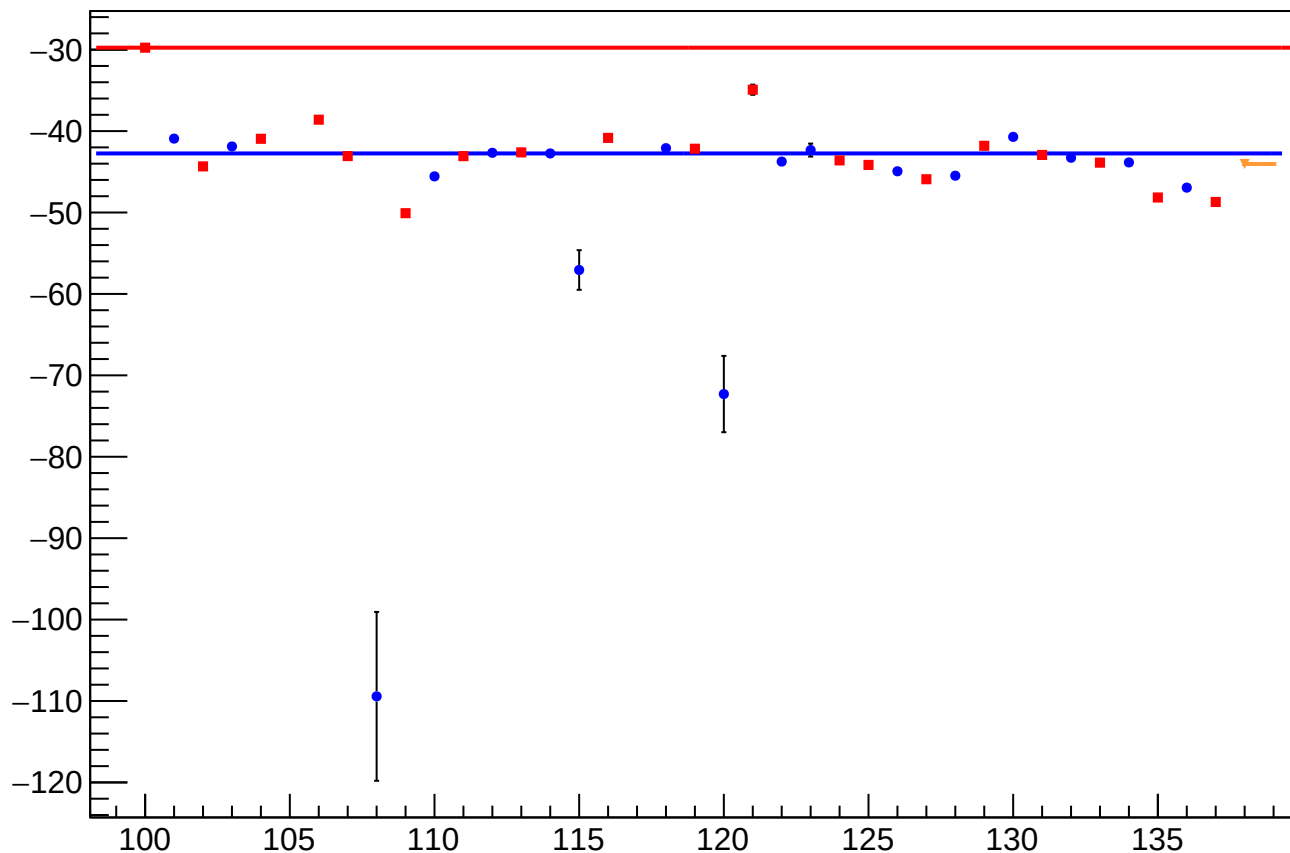
Right: 374.094+/-0.000 χ^2/NDF : 143328.3/35

In: 374.094+/-0.000 χ^2/NDF :35072.0/16

Out: 378.808+/-0.151 χ^2/NDF :123656.8/19

All: 374.094+/-0.000 χ^2/NDF : 159701.0/36

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -44.039 $\pm$ 0.025 χ^2 /NDF:0.0/0

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

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

Left: -44.039 $\pm$ 0.025 χ^2 /NDF: 0.0/0

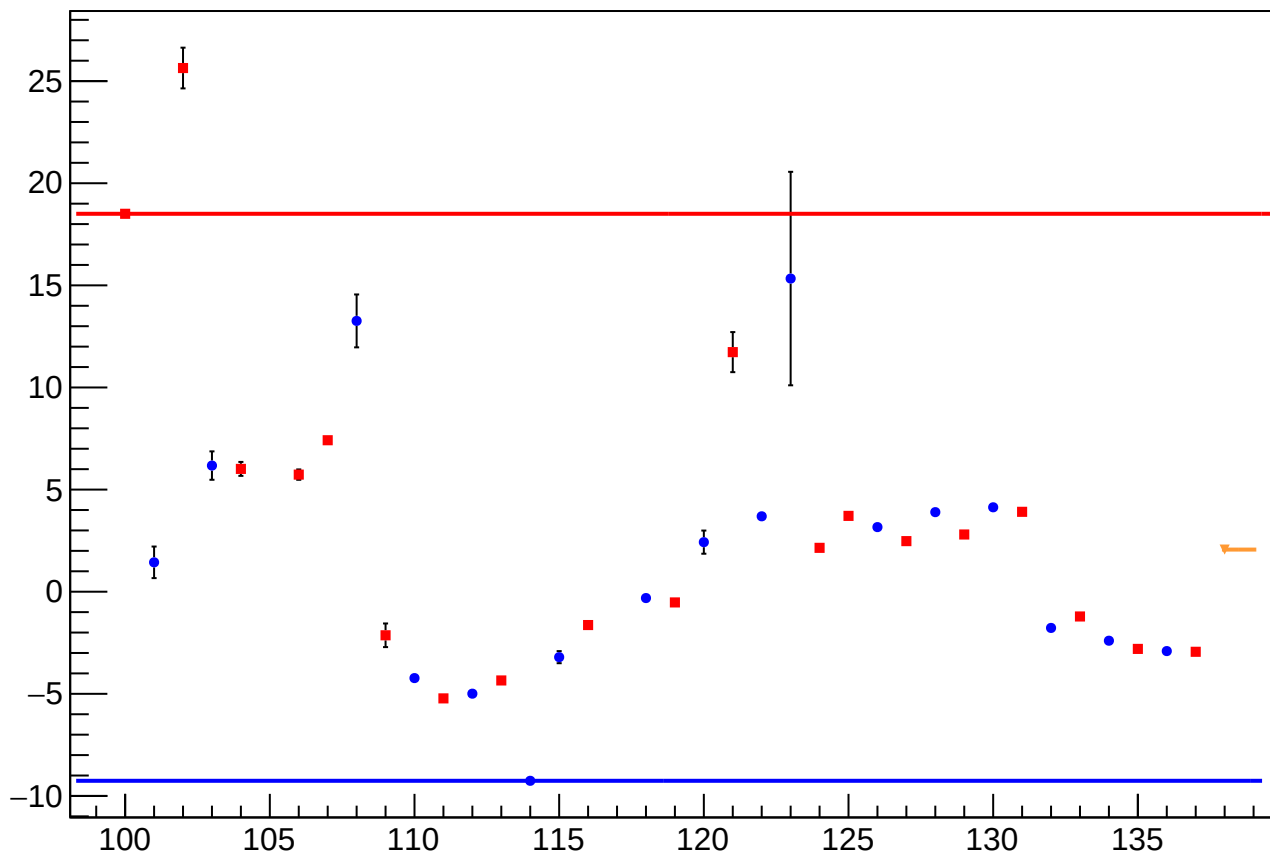
Right: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680709

In: -42.744 $\pm$ 0.000 χ^2 /NDF:13262.6/16

Out: -29.754 $\pm$ 0.000 χ^2 /NDF:805468.9/19

All: -38.159 $\pm$ 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: 2.063 ± 0.035 χ^2/NDF : 0.0/0

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

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

Left: 2.063 ± 0.035 χ^2/NDF : 0.0/0

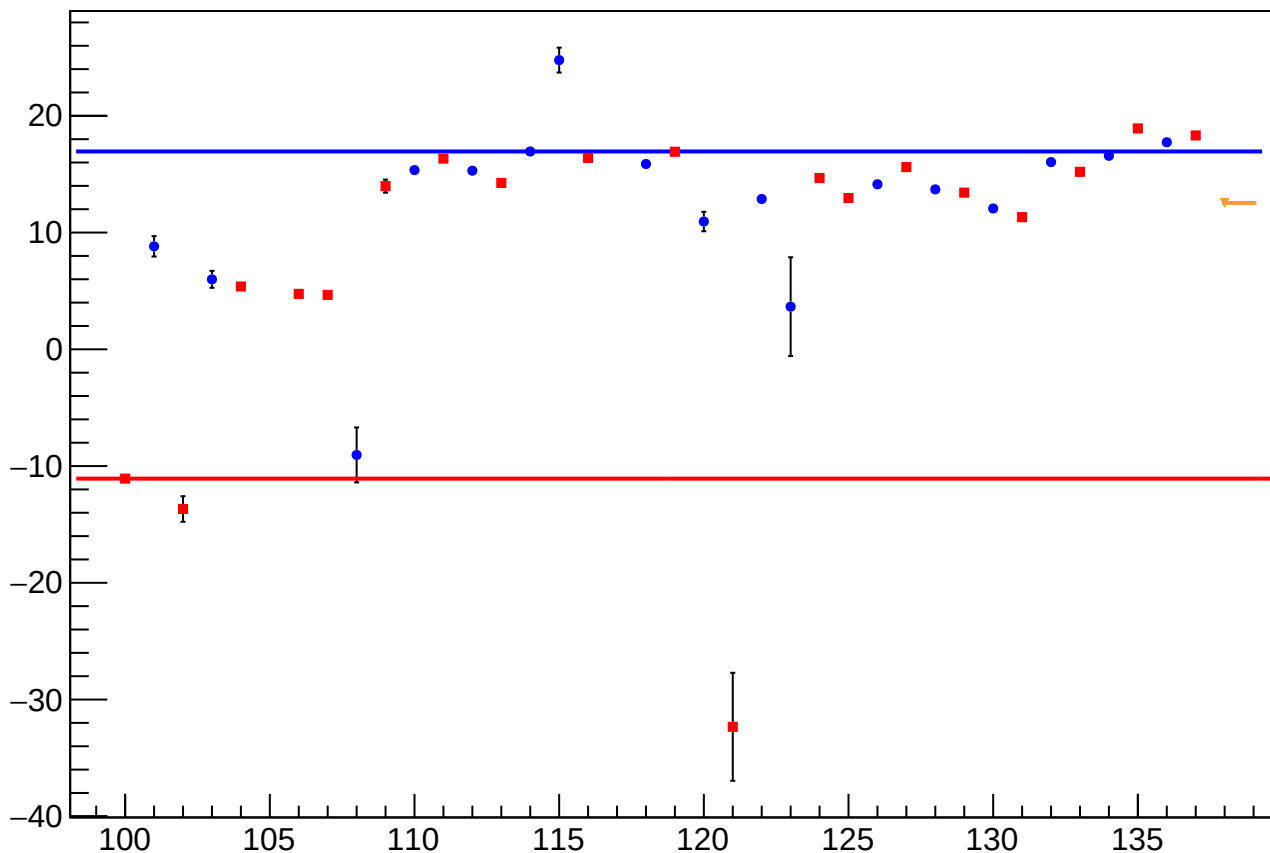
Right: 6.039 ± 0.000 χ^2/NDF : 16450574505955581

In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Out: 18.504 ± 0.000 χ^2/NDF : 7587454.4/19

All: 6.039 ± 0.000 χ^2/NDF : 16450574505955581

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF : 11231.8/16

Left Out: 12.541+/-0.029 χ^2/NDF : 0.0/0

Right Out: -11.075+/-0.000 χ^2/NDF : 2712010.0/18

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

Left: 12.541+/-0.029 χ^2/NDF : 0.0/0

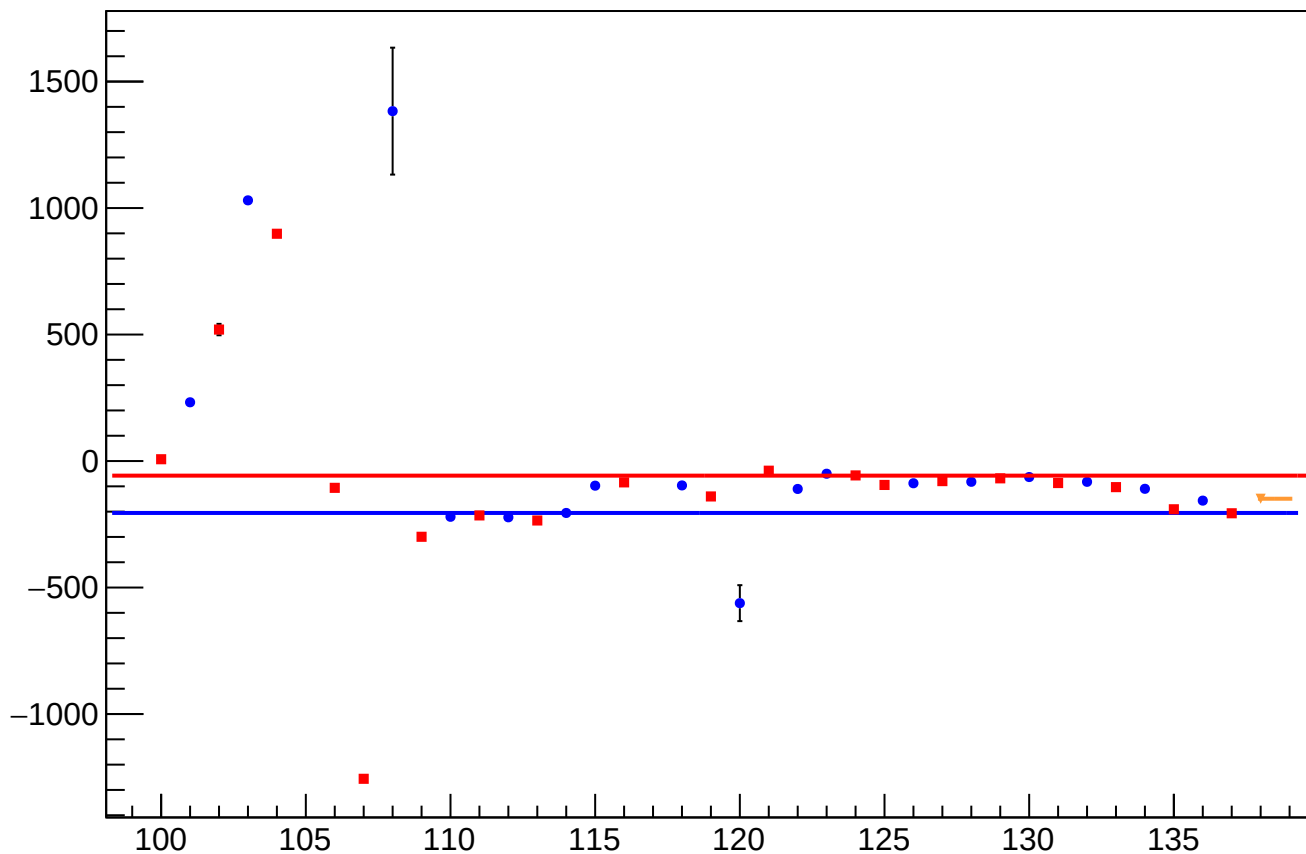
Right: -2.268+/-0.000 χ^2/NDF : 4692527454635666

In: 16.947+/-0.000 χ^2/NDF : 11231.8/16

Out: -11.075+/-0.000 χ^2/NDF : 3380675.0/19

All: -2.268+/-0.000 χ^2/NDF : 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -148.958+/-0.705 χ^2/NDF : 0.0/0

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

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

Left: -148.958+/-0.705 χ^2/NDF : 0.0/0

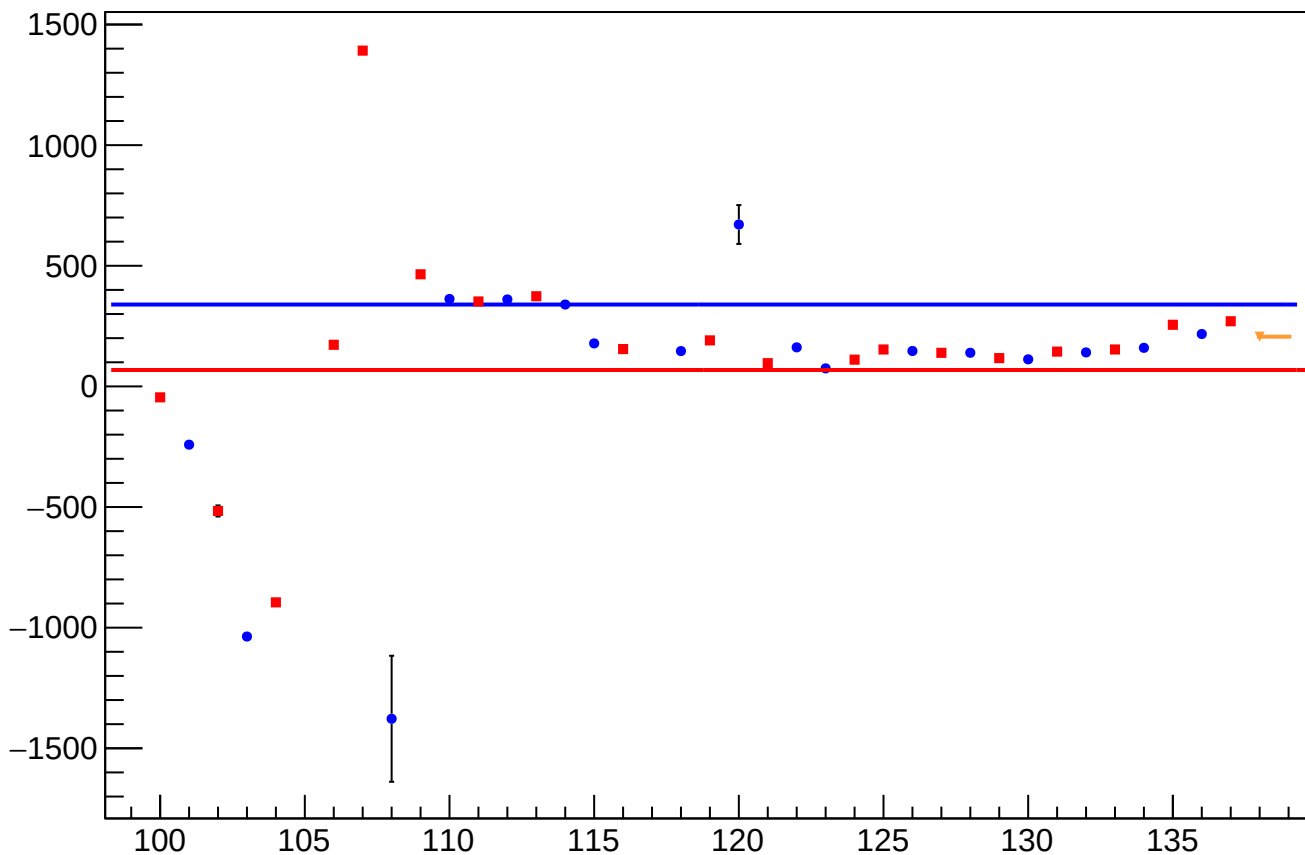
Right: -205.160+/-0.000 χ^2/NDF : 968522.3/35

In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Out: -70.389+/-0.263 χ^2/NDF : 129297.9/19

All: -205.160+/-0.000 χ^2/NDF : 974883.8/36

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 206.234+/-0.711 χ^2/NDF : 0.0/0

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

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

Left: 206.234+/-0.711 χ^2/NDF : 0.0/0

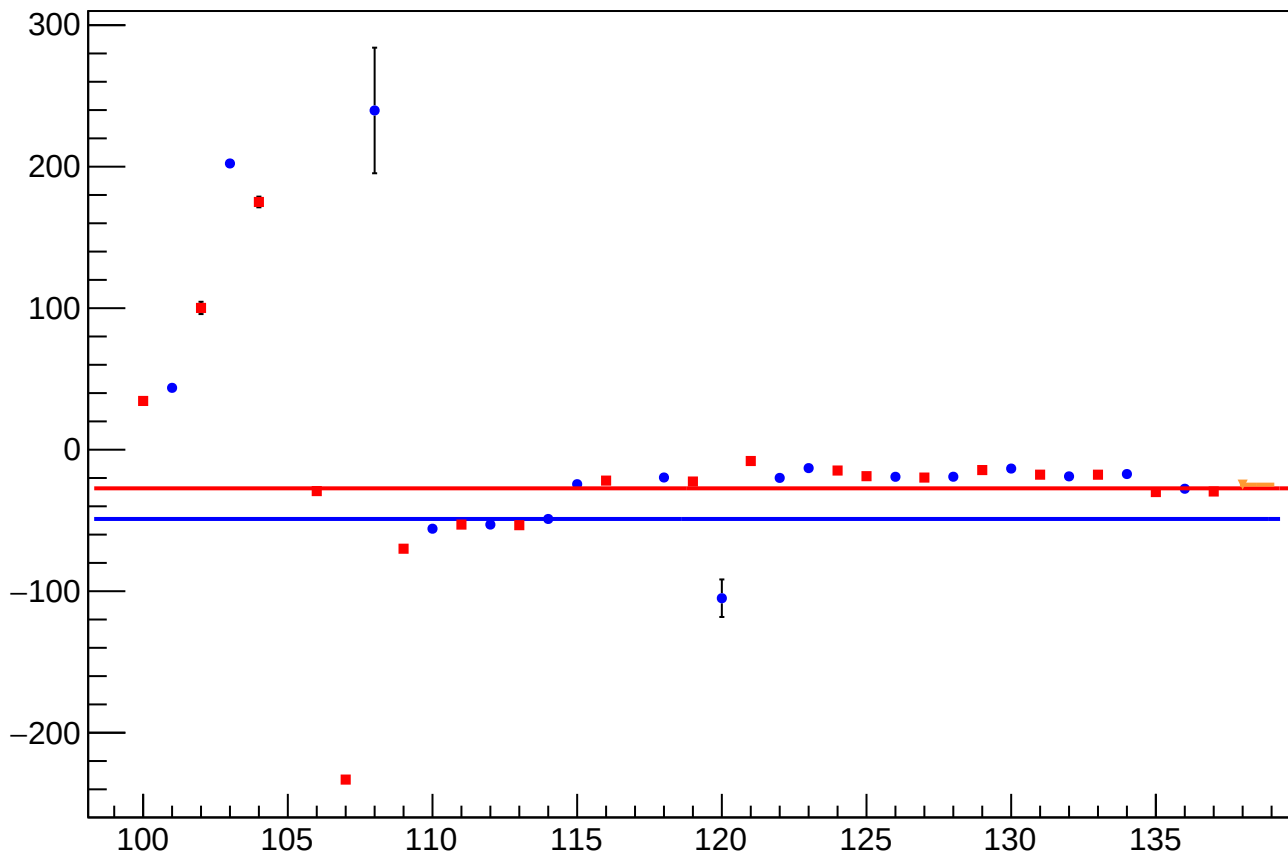
Right: 339.325+/-0.000 χ^2/NDF : 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Out: 87.280+/-0.265 χ^2/NDF : 304850.1/19

All: 339.325+/-0.000 χ^2/NDF : 2237323.2/36

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF : 5408370.4/16

Left Out: -24.686+/-0.025 χ^2/NDF : 0.0/0

Right Out: -27.303+/-0.052 χ^2/NDF : 167879.9/18

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

Left: -24.686+/-0.025 χ^2/NDF : 0.0/0

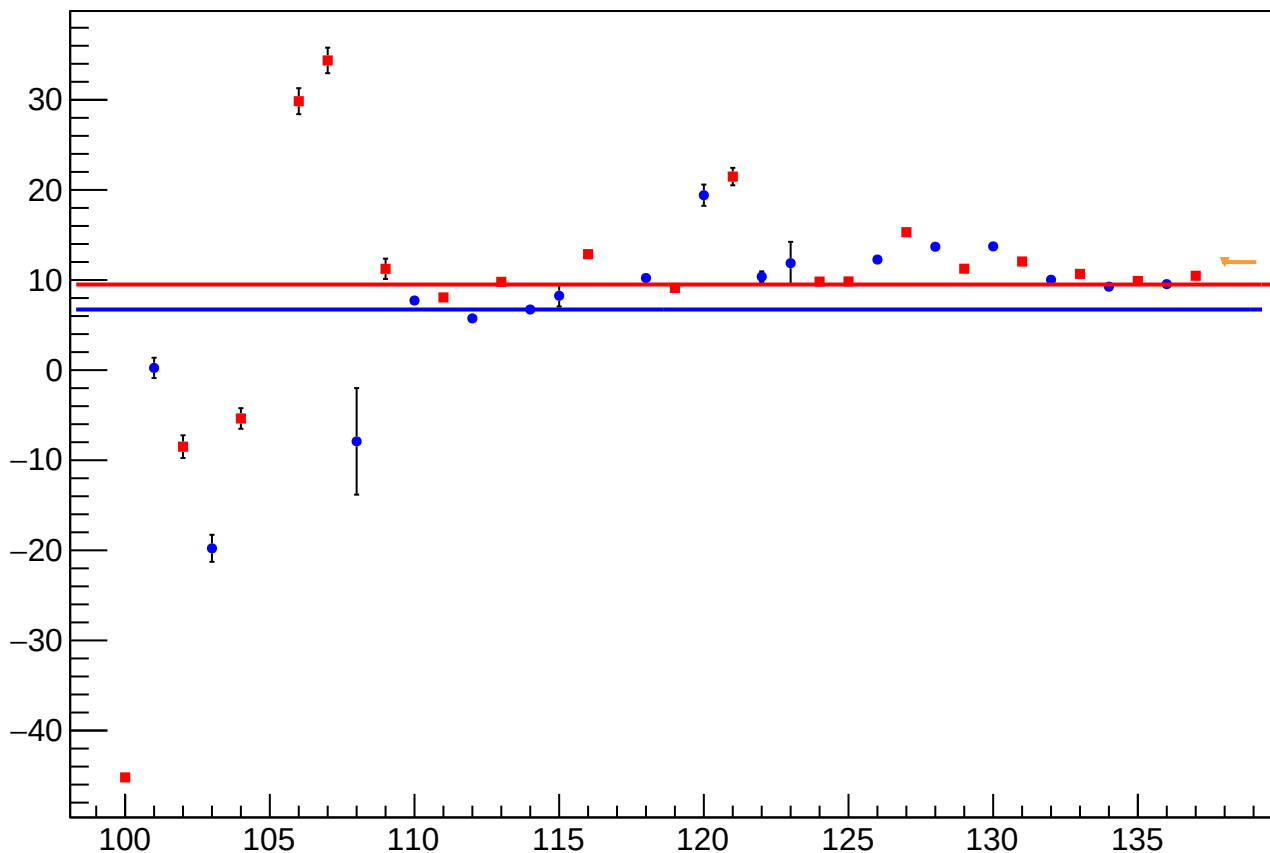
Right: -48.945+/-0.000 χ^2/NDF : 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF : 5408370.4/16

Out: -25.184+/-0.023 χ^2/NDF : 169955.5/19

All: -48.945+/-0.000 χ^2/NDF : 6687961.0/36

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF : 13749.2/16

Left Out: 11.991+/-0.073 χ^2/NDF : 0.0/0

Right Out: 9.502+/-0.036 χ^2/NDF : 26822.1/18

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

Left: 11.991+/-0.073 χ^2/NDF : 0.0/0

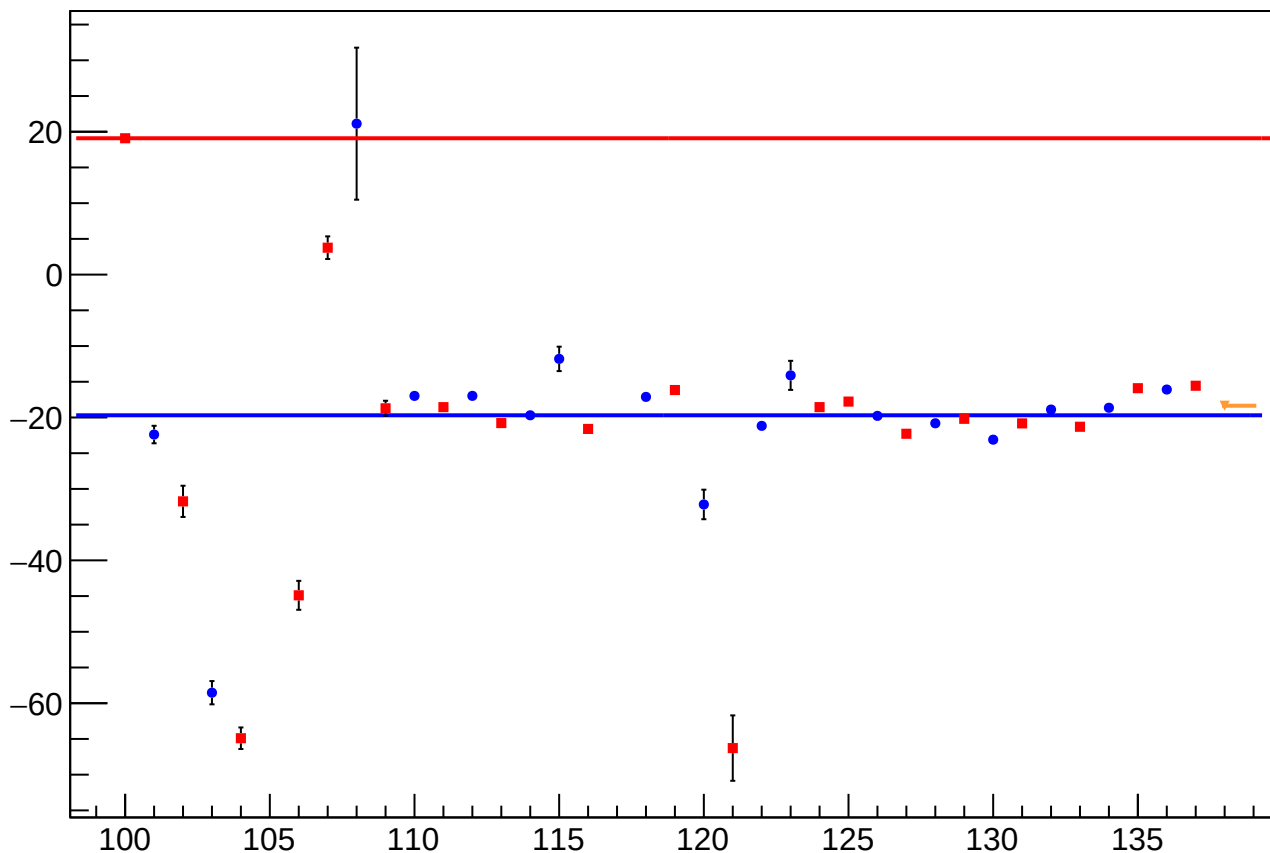
Right: 6.728+/-0.000 χ^2/NDF : 46635.2/35

In: 6.728+/-0.000 χ^2/NDF : 13749.2/16

Out: 9.979+/-0.032 χ^2/NDF : 27758.2/19

All: 6.728+/-0.000 χ^2/NDF : 51811.1/36

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -18.354 ± 0.121 χ^2/NDF : 0.0/0

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

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

Left: -18.354 ± 0.121 χ^2/NDF : 0.0/0

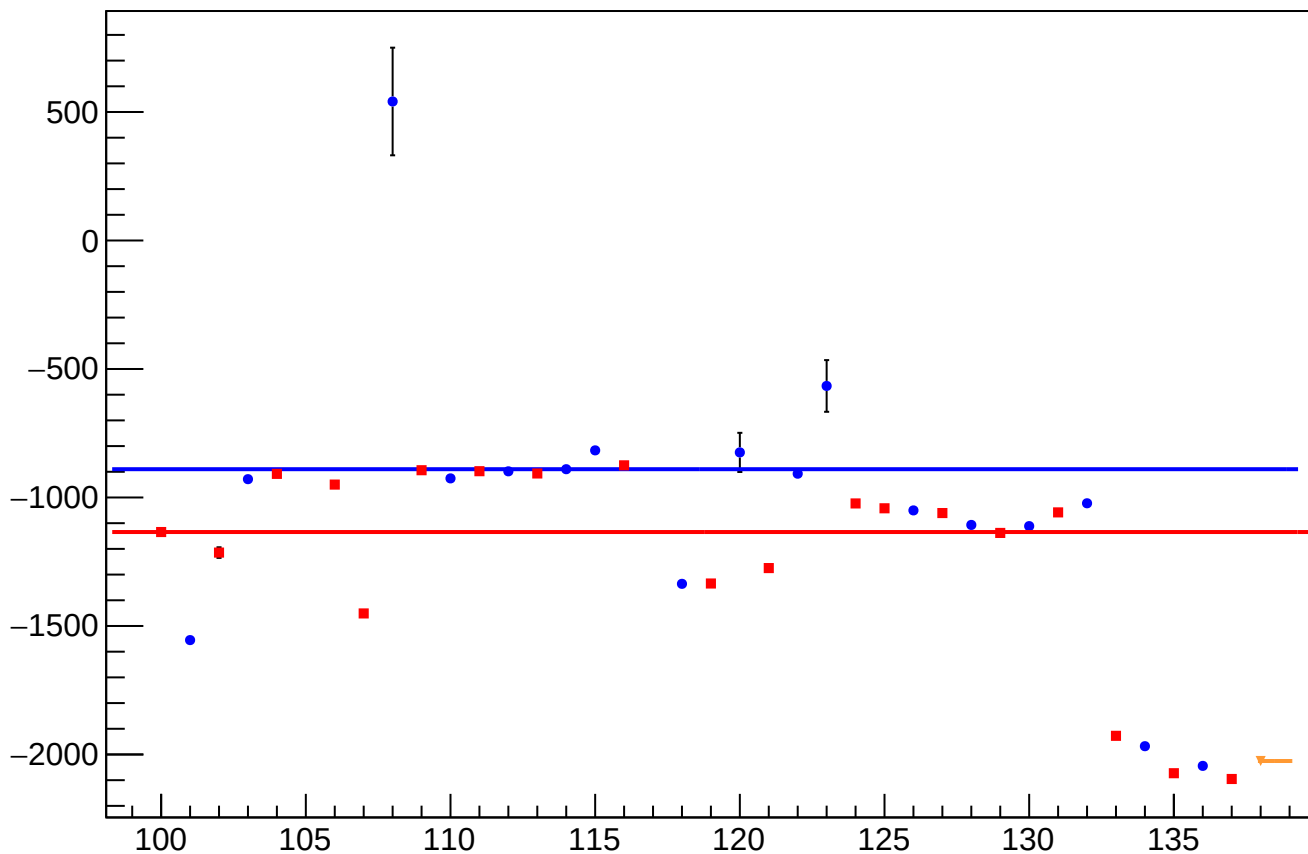
Right: -6.006 ± 0.000 χ^2/NDF : 4625637731292657

In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Out: 19.086 ± 0.000 χ^2/NDF : 707065.4/19

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2025.392+/-2.309 χ^2/NDF : 0.0/0

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

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

Left: -2025.392+/-2.309 χ^2/NDF : 0.0/0

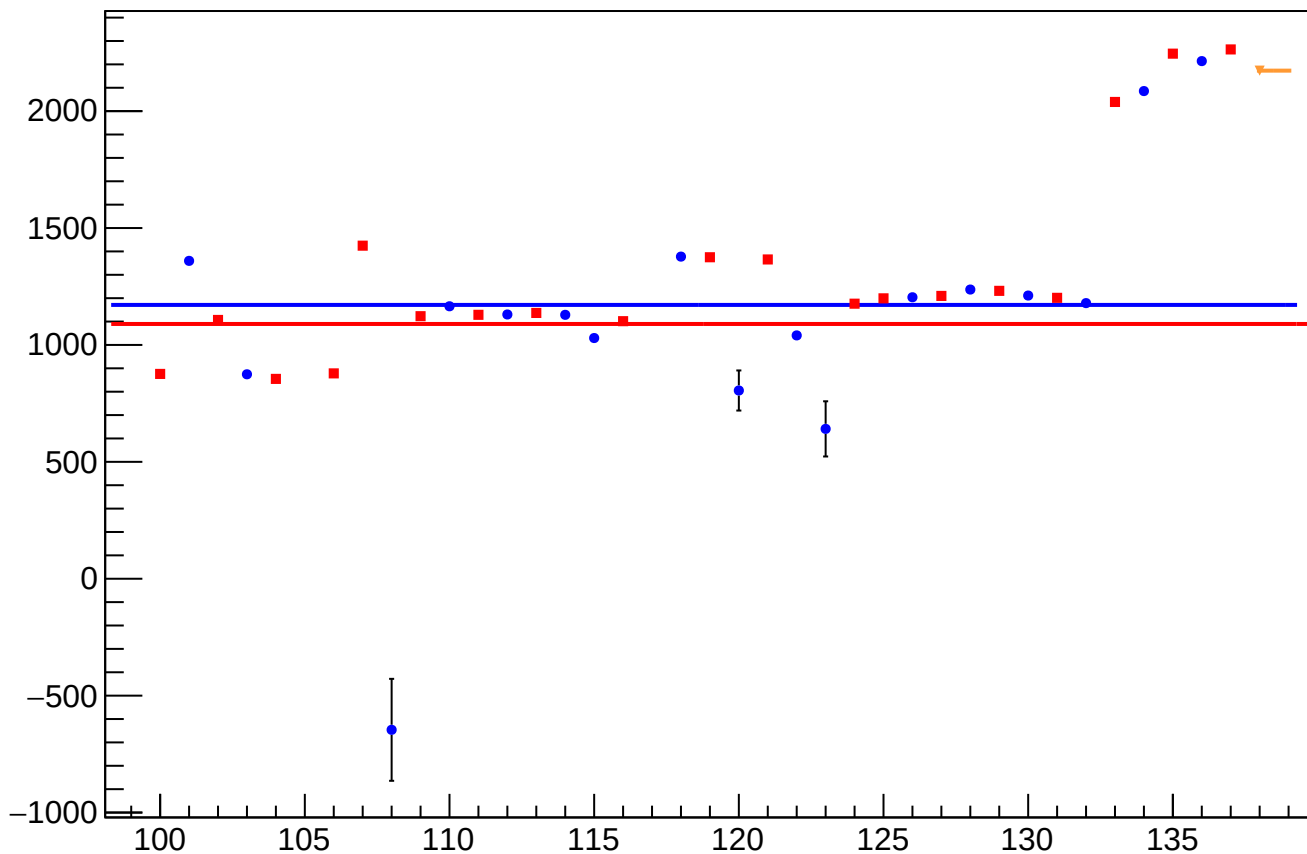
Right: -976.220+/-0.000 χ^2/NDF : 44889787387498

In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Out: -1134.421+/-0.000 χ^2/NDF : 882688.0/19

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: 2173.217 $\pm$ 2.263 χ^2 /NDF:0.0/0

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

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

Left: 2173.217 $\pm$ 2.263 χ^2 /NDF: 0.0/0

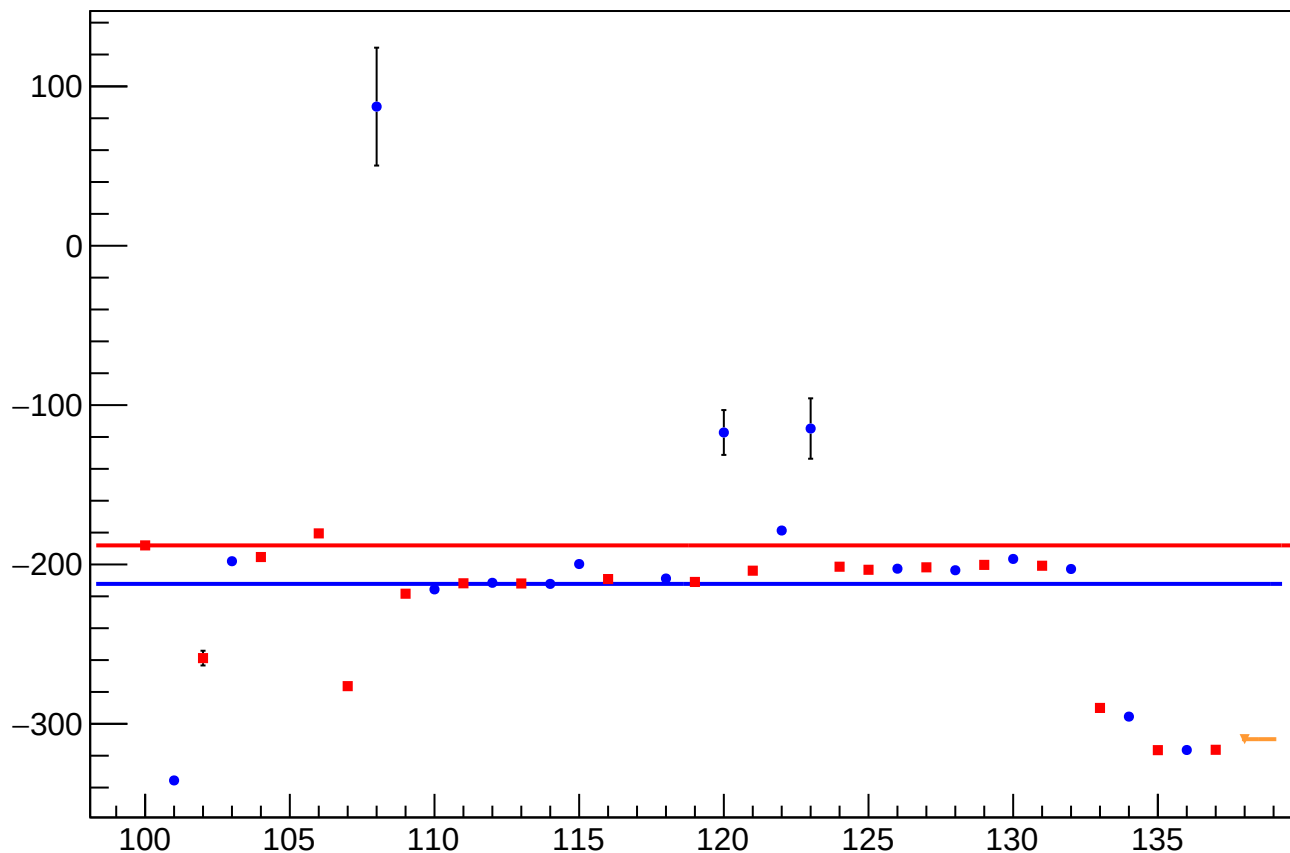
Right: 1131.764 $\pm$ 0.176 χ^2 /NDF: 1662665.0/35

In: 1171.188 $\pm$ 0.245 χ^2 /NDF:508989.2/16

Out: 1103.132 $\pm$ 0.252 χ^2 /NDF:1326810.4/19

All: 1138.049 $\pm$ 0.176 χ^2 /NDF: 1873258.4/36

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -309.634 ± 0.077 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

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

Left: -309.634 ± 0.077 $\chi^2/\text{NDF}: 0.0/0$

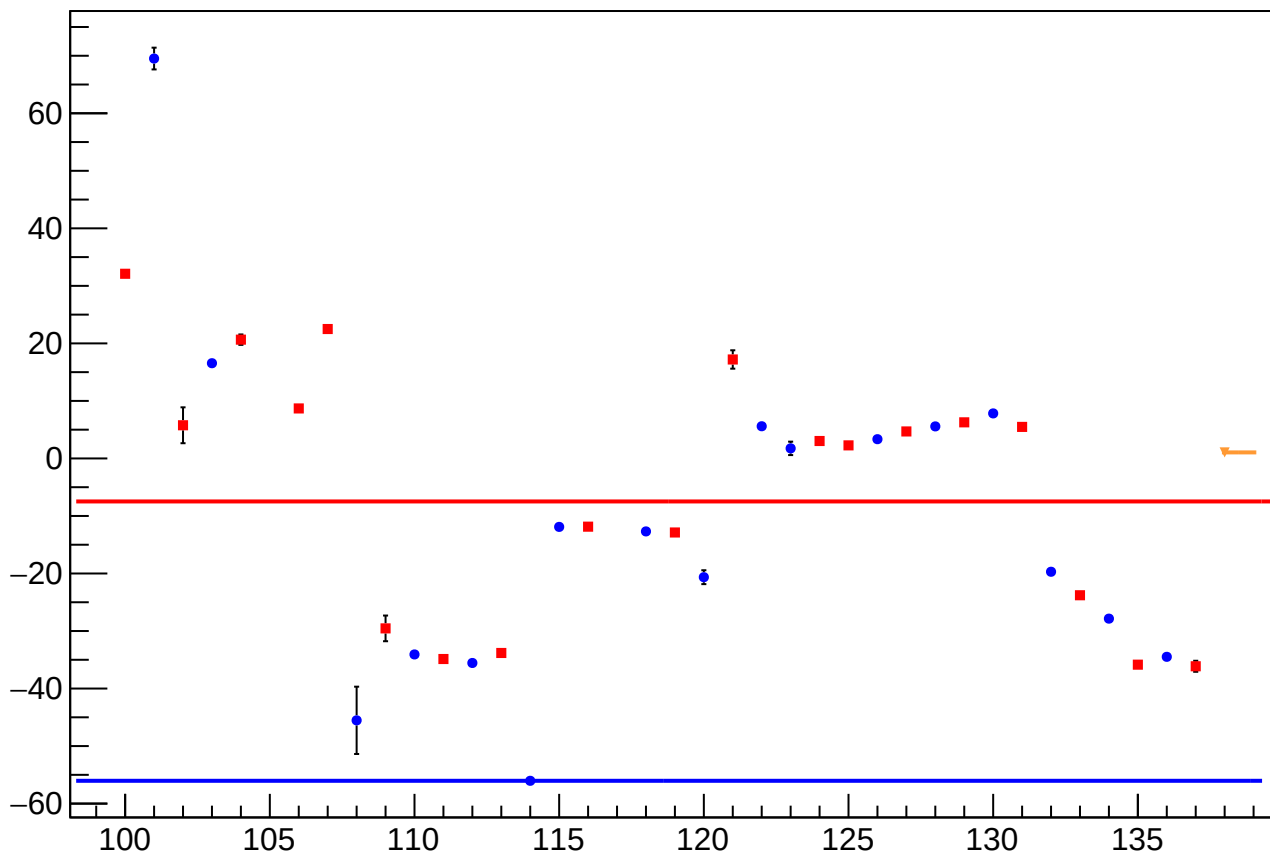
Right: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625661$

In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 3125023.9/19$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1585420.7/16

Left Out: 1.050 $\pm$ 0.391 χ^2 /NDF:0.0/0

Right Out: -7.476 $\pm$ 0.042 χ^2 /NDF: 173893.8/18

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

Left: 1.050 $\pm$ 0.391 χ^2 /NDF: 0.0/0

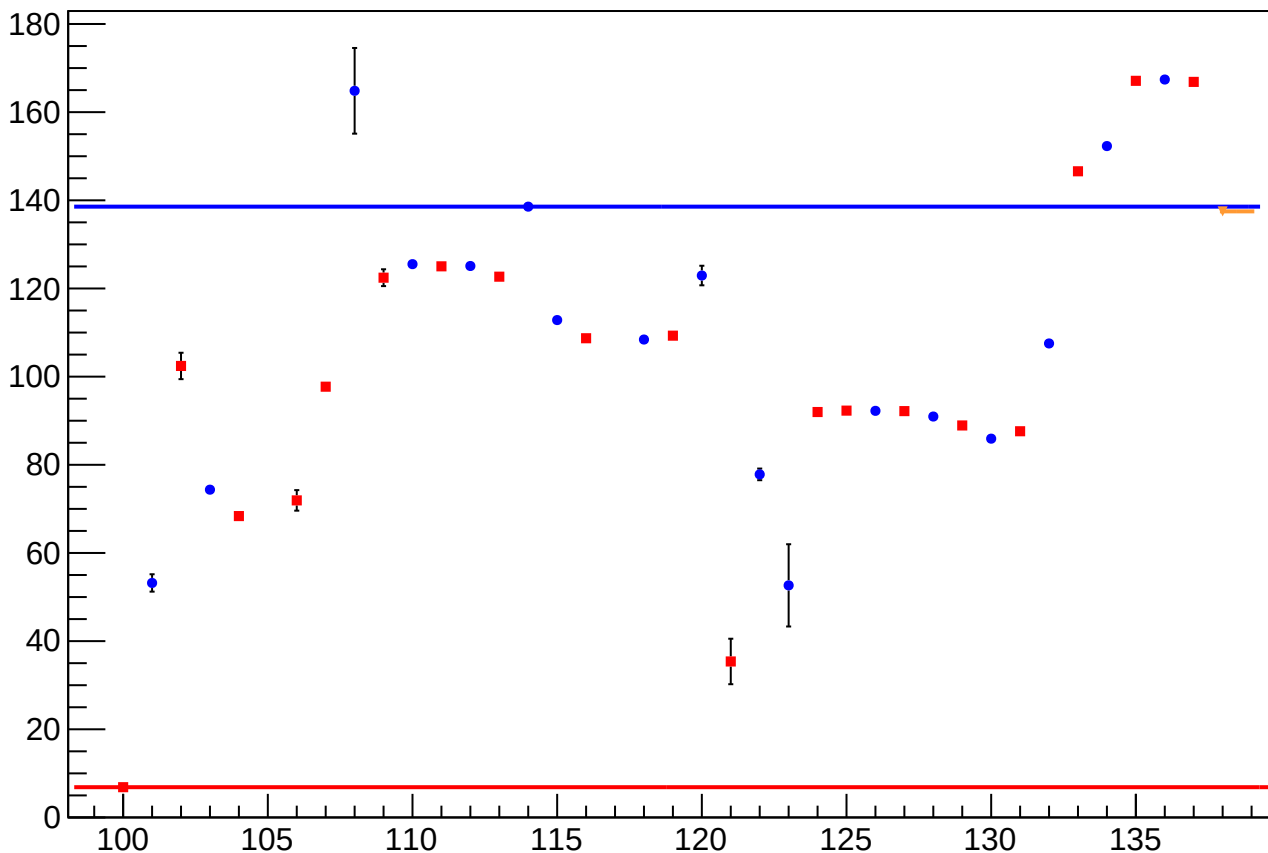
Right: -56.037 $\pm$ 0.000 χ^2 /NDF: 3084882.3/35

In: -56.037 $\pm$ 0.000 χ^2 /NDF:1585420.7/16

Out: -7.378 $\pm$ 0.042 χ^2 /NDF:174363.2/19

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 3106167.0/36

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF : 901159.7/16

Left Out: 137.492+/-0.354 χ^2/NDF : 0.0/0

Right Out: 6.866+/-0.000 χ^2/NDF : 8047391.7/18

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

Left: 137.492+/-0.354 χ^2/NDF : 0.0/0

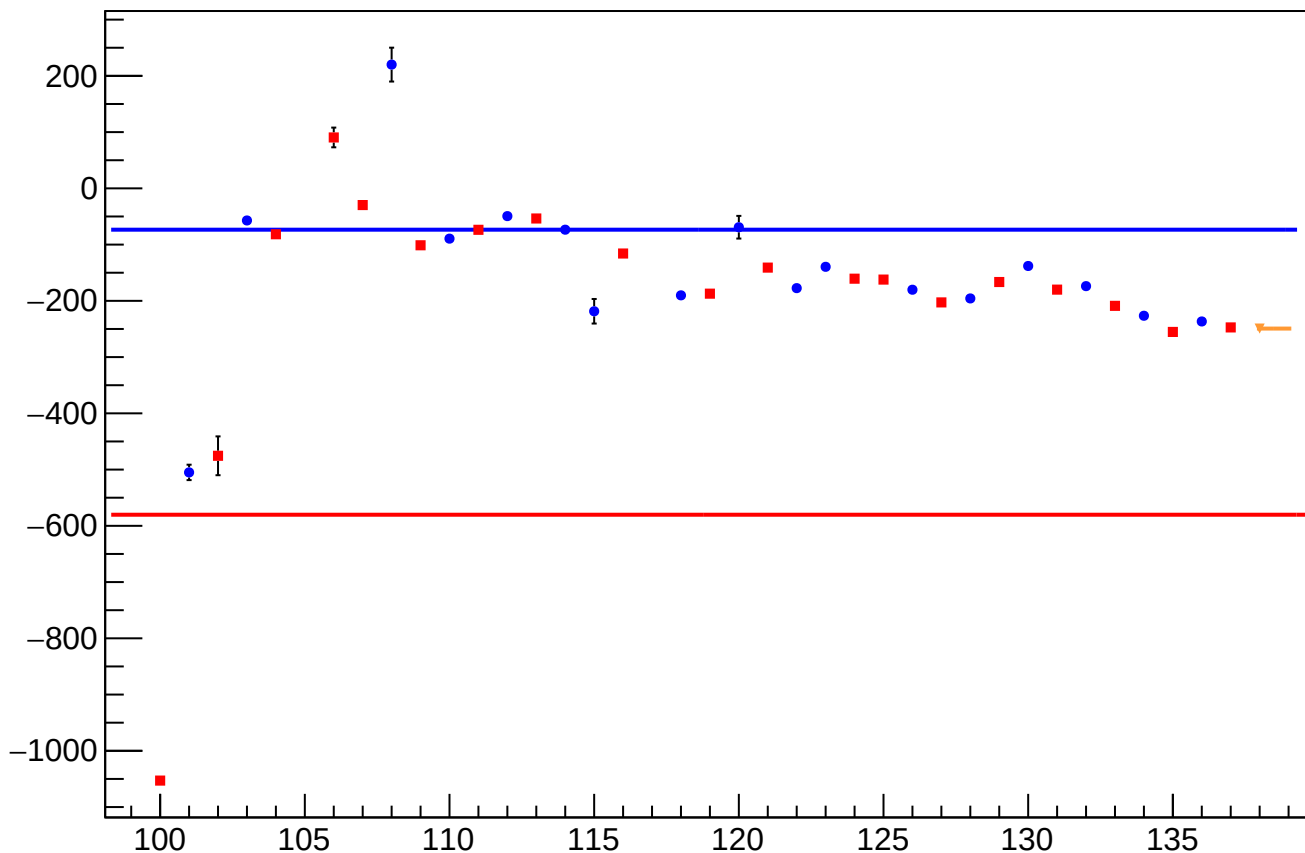
Right: 7.101+/-0.000 χ^2/NDF : 23576822681928678

In: 138.565+/-0.000 χ^2/NDF : 901159.7/16

Out: 6.866+/-0.000 χ^2/NDF : 8183601.3/19

All: 7.101+/-0.000 χ^2/NDF : 23576822681928678

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -249.286 ± 0.788 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

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

Left: -249.286 ± 0.788 $\chi^2/\text{NDF}: 0.0/0$

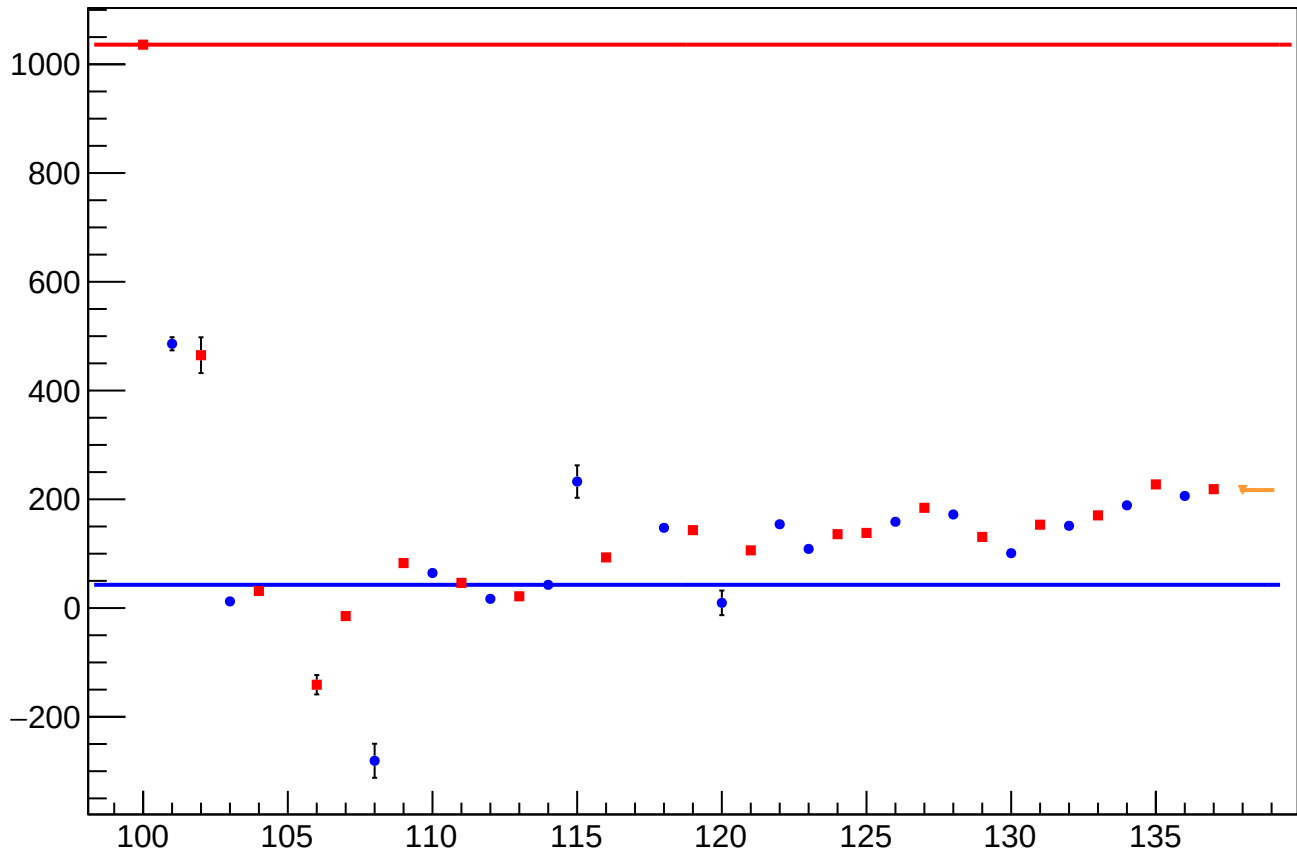
Right: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6902096.9/35$

In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Out: -547.531 ± 0.248 $\chi^2/\text{NDF}: 3190710.7/19$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6951909.9/36$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 217.007+/-0.809 χ^2/NDF :0.0/0

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 217.007+/-0.809 χ^2/NDF : 0.0/0

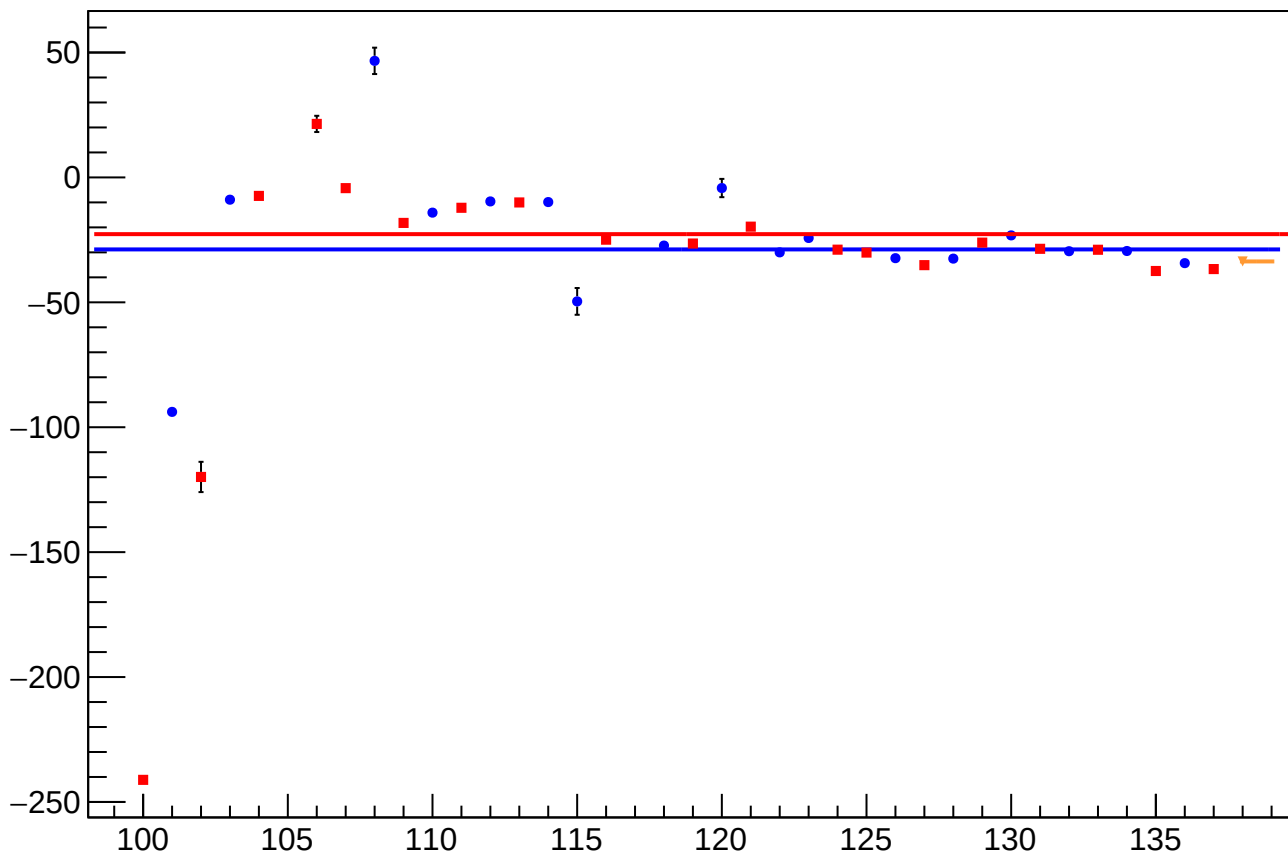
Right: 43.272+/-0.000 χ^2/NDF : 1144517497266833

In: 42.743+/-0.000 χ^2/NDF :84599.8/16

Out: 1036.068+/-0.000 χ^2/NDF :5959189.3/19

All: 43.272+/-0.000 χ^2/NDF : 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -33.631 ± 0.037 χ^2/NDF : 0.0/0

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

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

Left: -33.631 ± 0.037 χ^2/NDF : 0.0/0

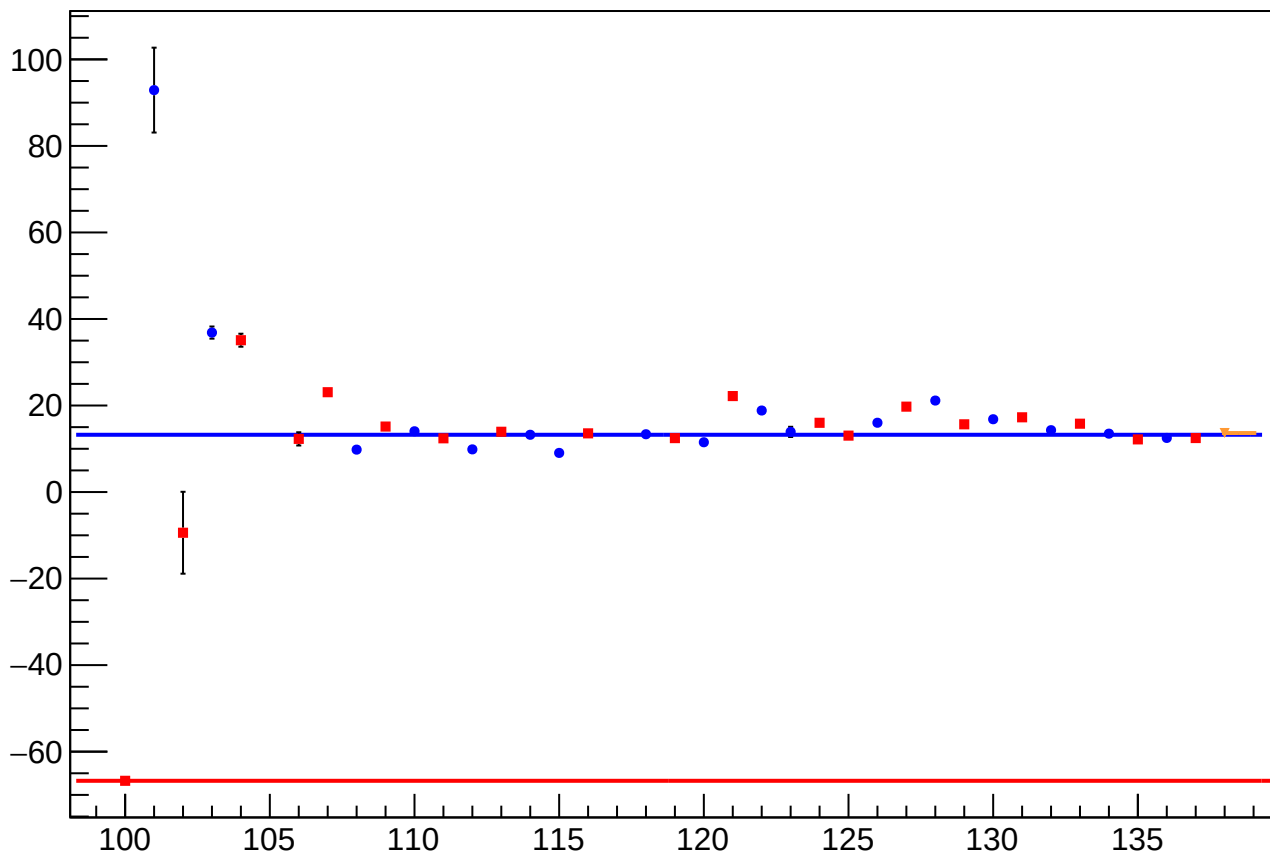
Right: -26.045 ± 0.026 χ^2/NDF : 473753.1/35

In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Out: -28.254 ± 0.027 χ^2/NDF : 451957.9/19

All: -28.465 ± 0.021 χ^2/NDF : 501629.5/36

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 13.639 $\pm$ 0.141 χ^2 /NDF:0.0/0

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

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

Left: 13.639 $\pm$ 0.141 χ^2 /NDF: 0.0/0

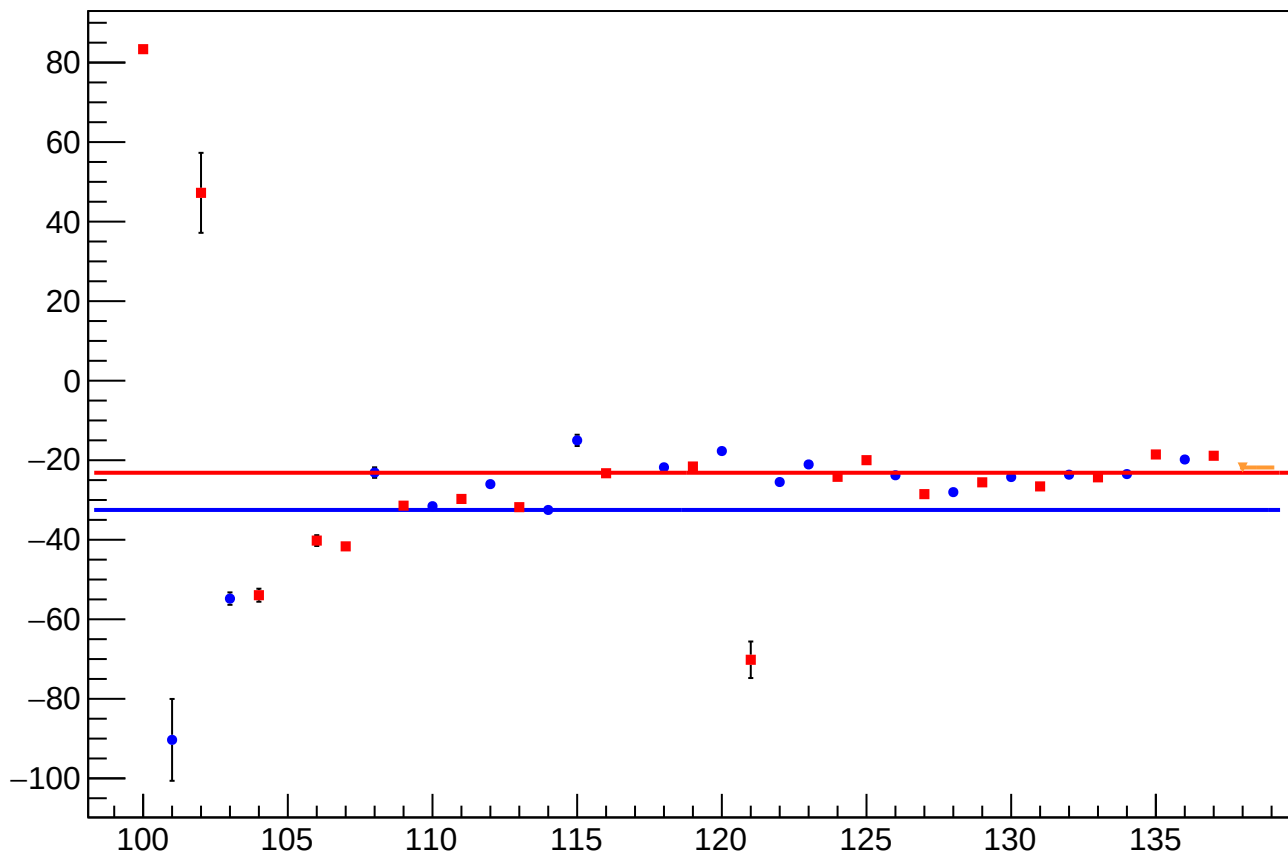
Right: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651005

In: 13.238 $\pm$ 0.000 χ^2 /NDF:5756.1/16

Out: -66.739 $\pm$ 0.000 χ^2 /NDF:3350893.6/19

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -21.827 ± 0.121 χ^2/NDF : 0.0/0

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

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

Left: -21.827 ± 0.121 χ^2/NDF : 0.0/0

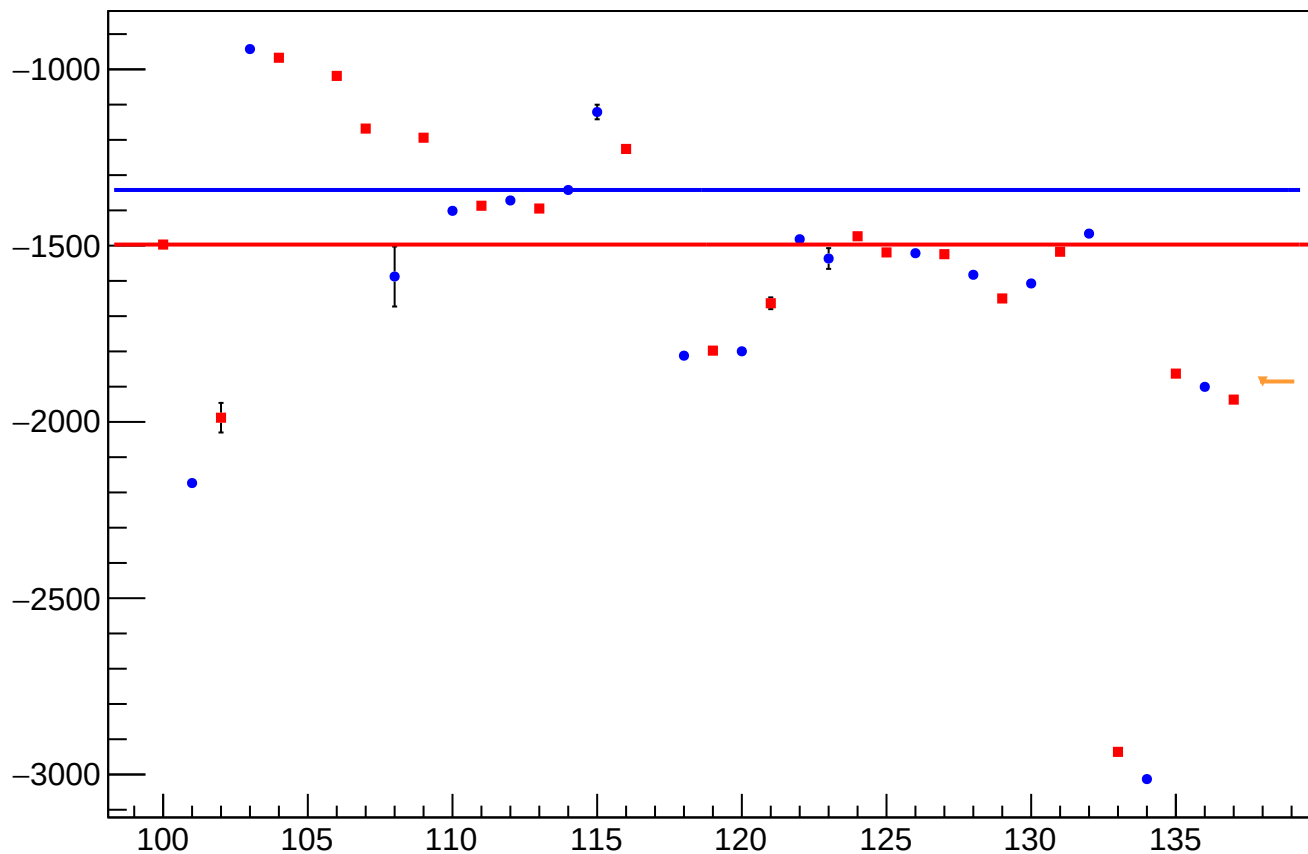
Right: -32.504 ± 0.000 χ^2/NDF : 203519.3/35

In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Out: -22.975 ± 0.044 χ^2/NDF : 90852.4/19

All: -32.504 ± 0.000 χ^2/NDF : 211254.3/36

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1885.271+/-2.609 χ^2/NDF : 0.0/0

Right Out: -1496.932+/-0.000 χ^2/NDF : 504712.5/18

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

Left: -1885.271+/-2.609 χ^2/NDF : 0.0/0

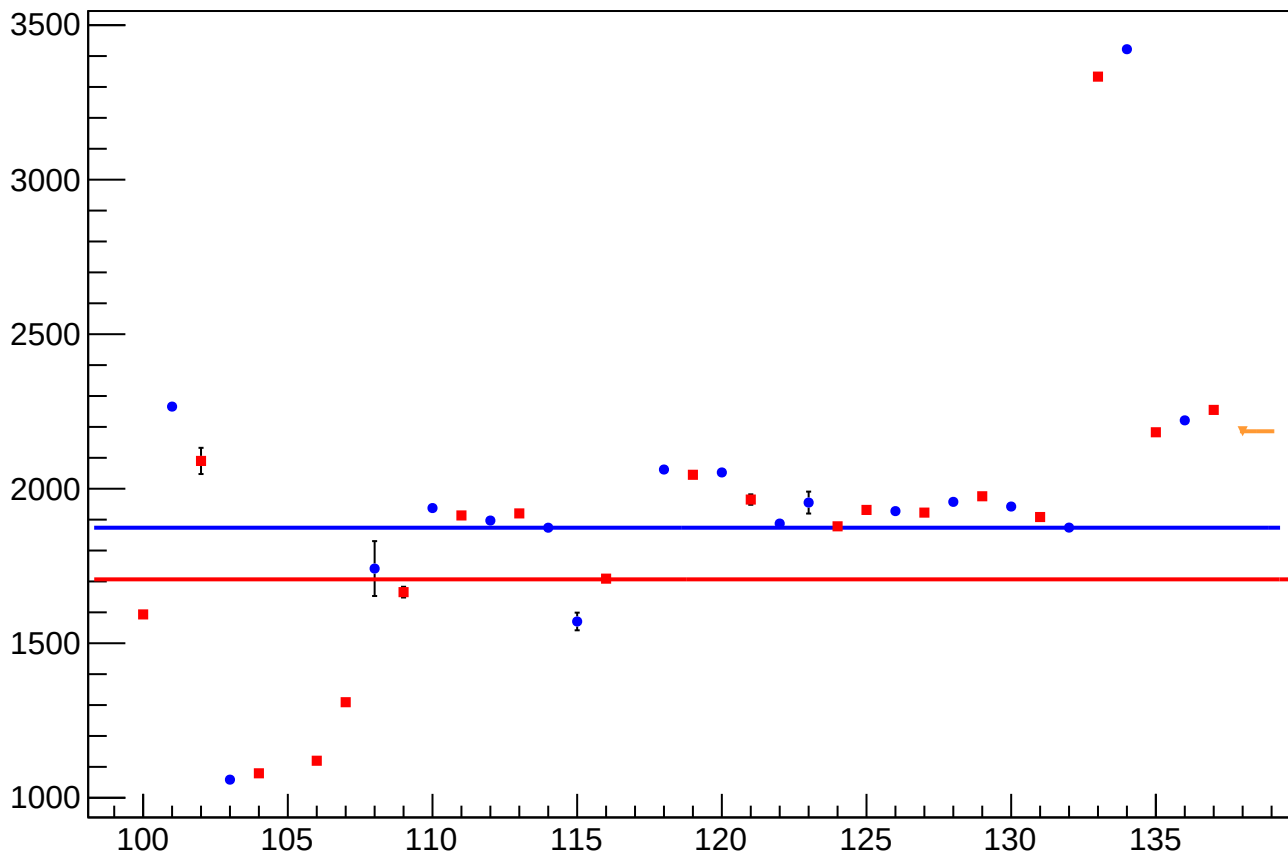
Right: -1396.751+/-0.000 χ^2/NDF : 1800086126763

In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Out: -1496.932+/-0.000 χ^2/NDF : 526859.9/19

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 201563.9/16$

Left Out: 2185.897 ± 2.714 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1706.739 ± 0.302 $\chi^2/\text{NDF}: 837936.9/18$

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

Left: 2185.897 ± 2.714 $\chi^2/\text{NDF}: 0.0/0$

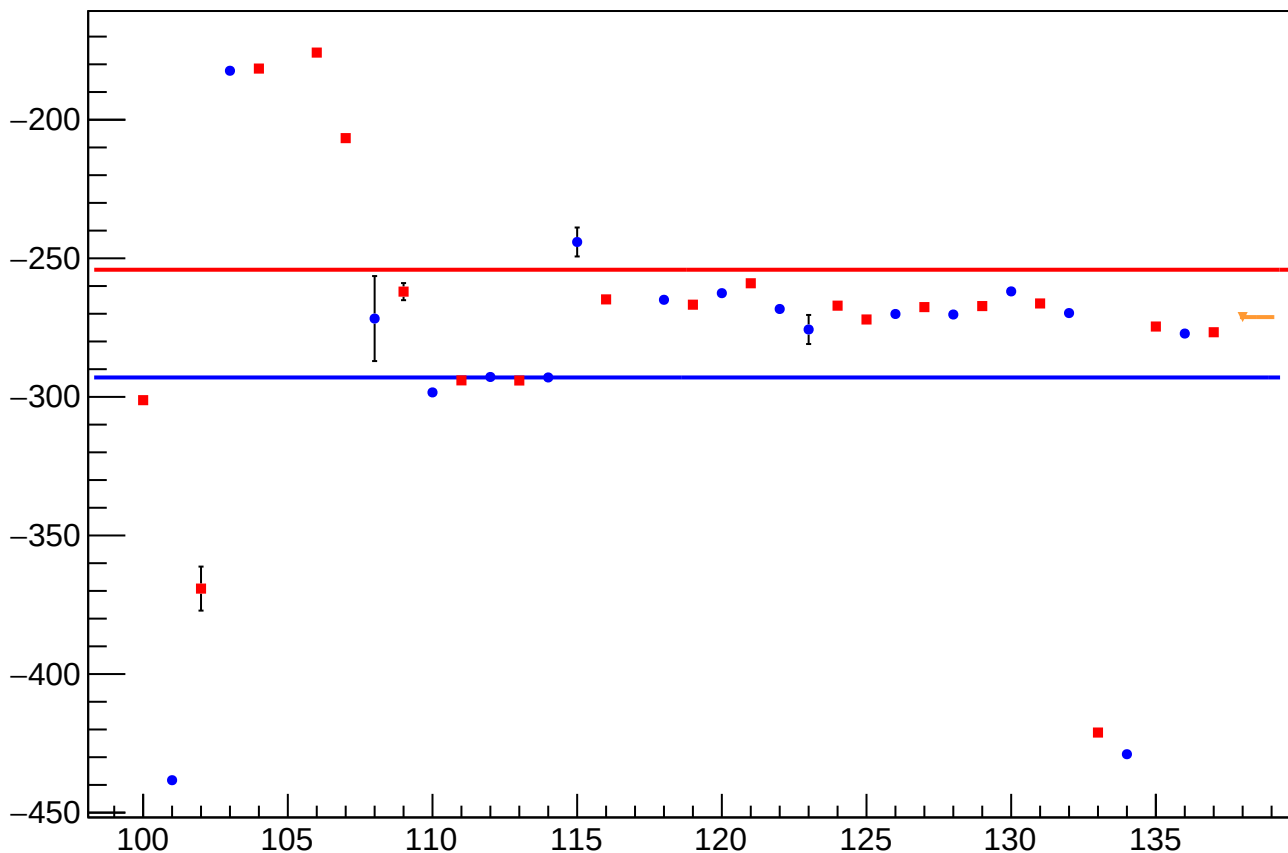
Right: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 1344906.8/35$

In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 201563.9/16$

Out: 1712.613 ± 0.301 $\chi^2/\text{NDF}: 868718.8/19$

All: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 1358123.7/36$

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -271.203+/-0.108 χ^2/NDF :0.0/0

Right Out: -254.119+/-0.059 χ^2/NDF : 502658.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: -271.203+/-0.108 χ^2/NDF : 0.0/0

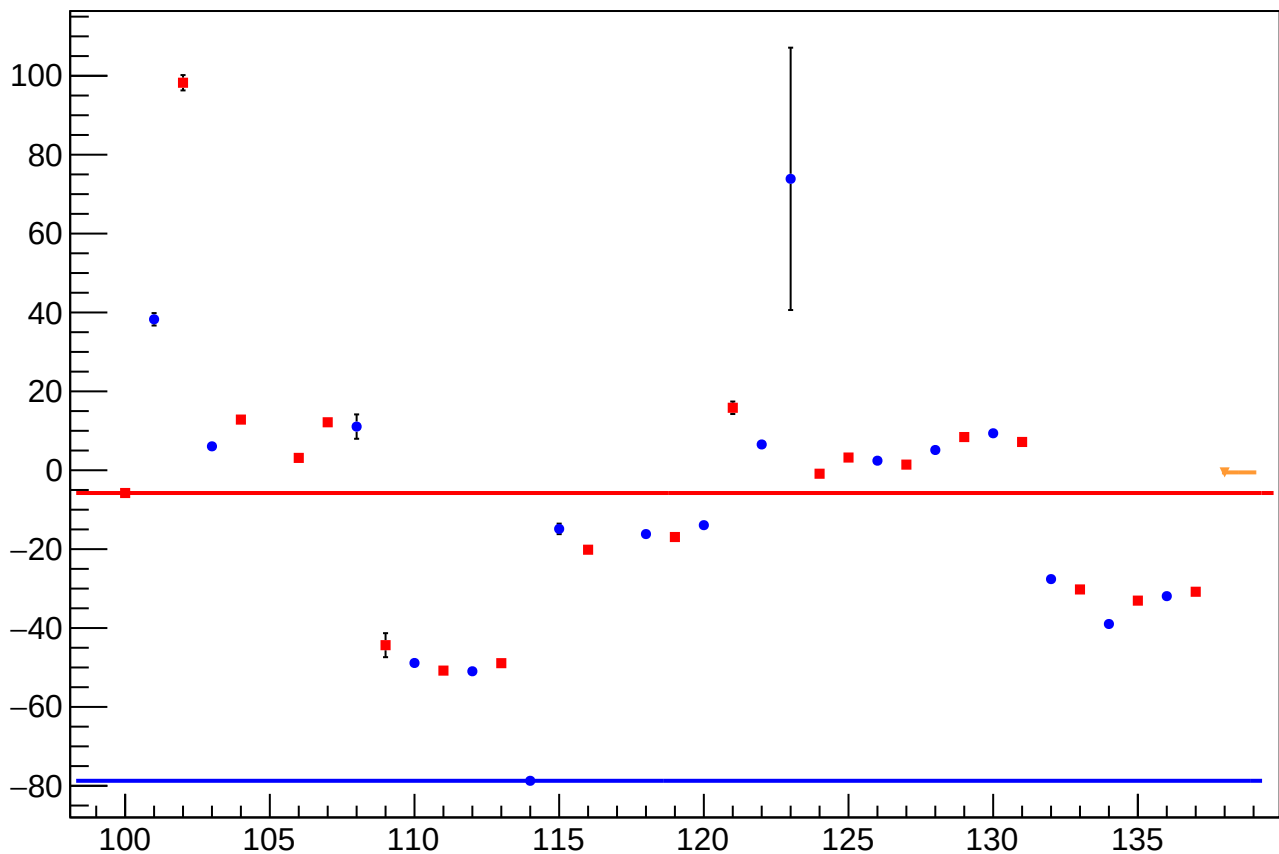
Right: -292.986+/-0.000 χ^2/NDF : 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF :1015592.4/16

Out: -258.030+/-0.052 χ^2/NDF :521853.4/19

All: -292.986+/-0.000 χ^2/NDF : 1992697.7/36

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF : 1399088.3/16

Left Out: -0.545+/-0.304 χ^2/NDF :0.0/0

Right Out: -5.769+/-0.000 χ^2/NDF : 111570.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: -0.545+/-0.304 χ^2/NDF : 0.0/0

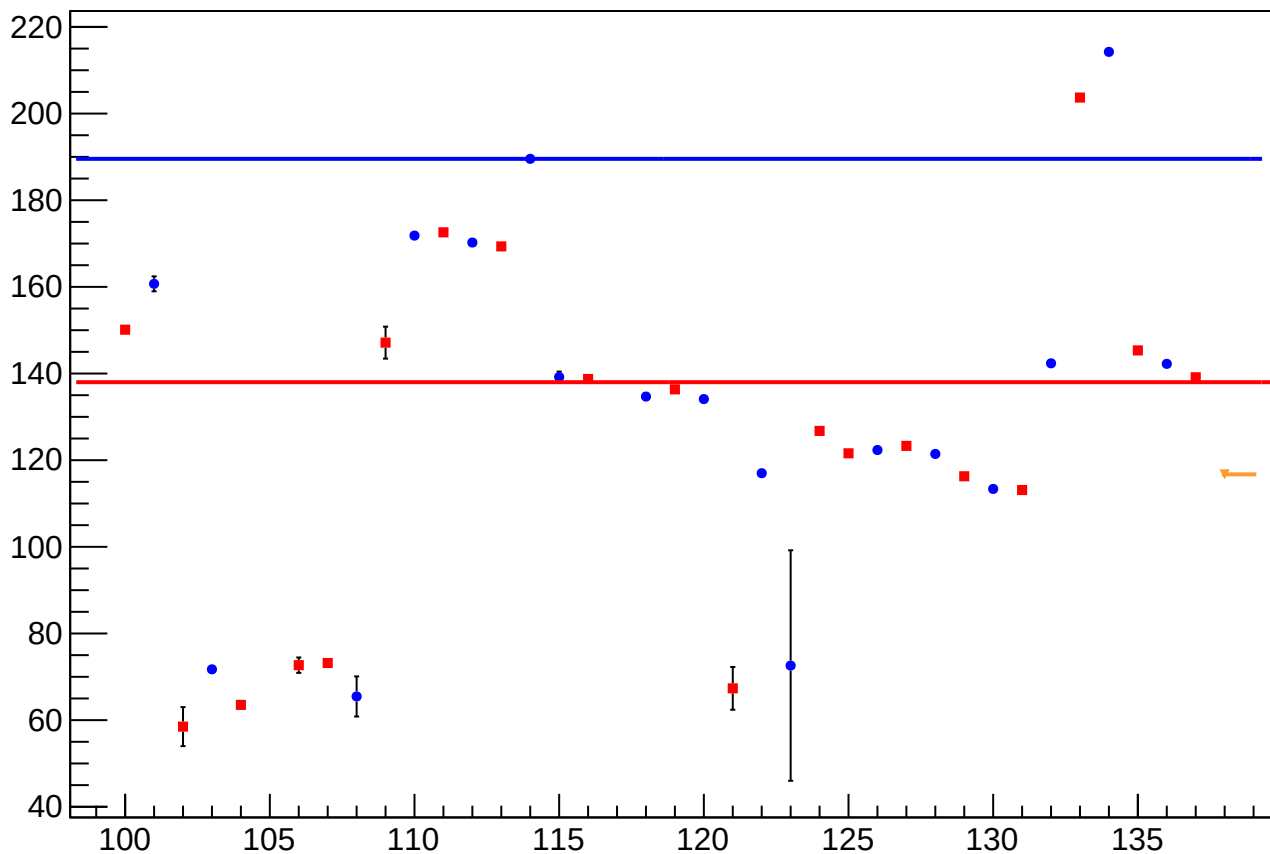
Right: -6.288+/-0.000 χ^2/NDF : 2878797679293380

In: -78.728+/-0.000 χ^2/NDF :1399088.3/16

Out: -5.769+/-0.000 χ^2/NDF :111866.4/19

All: -6.288+/-0.000 χ^2/NDF : 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF : 927391.8/16

Left Out: 116.733+/-0.229 χ^2/NDF :0.0/0

Right Out: 138.002+/-0.059 χ^2/NDF : 117357.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 116.733+/-0.229 χ^2/NDF : 0.0/0

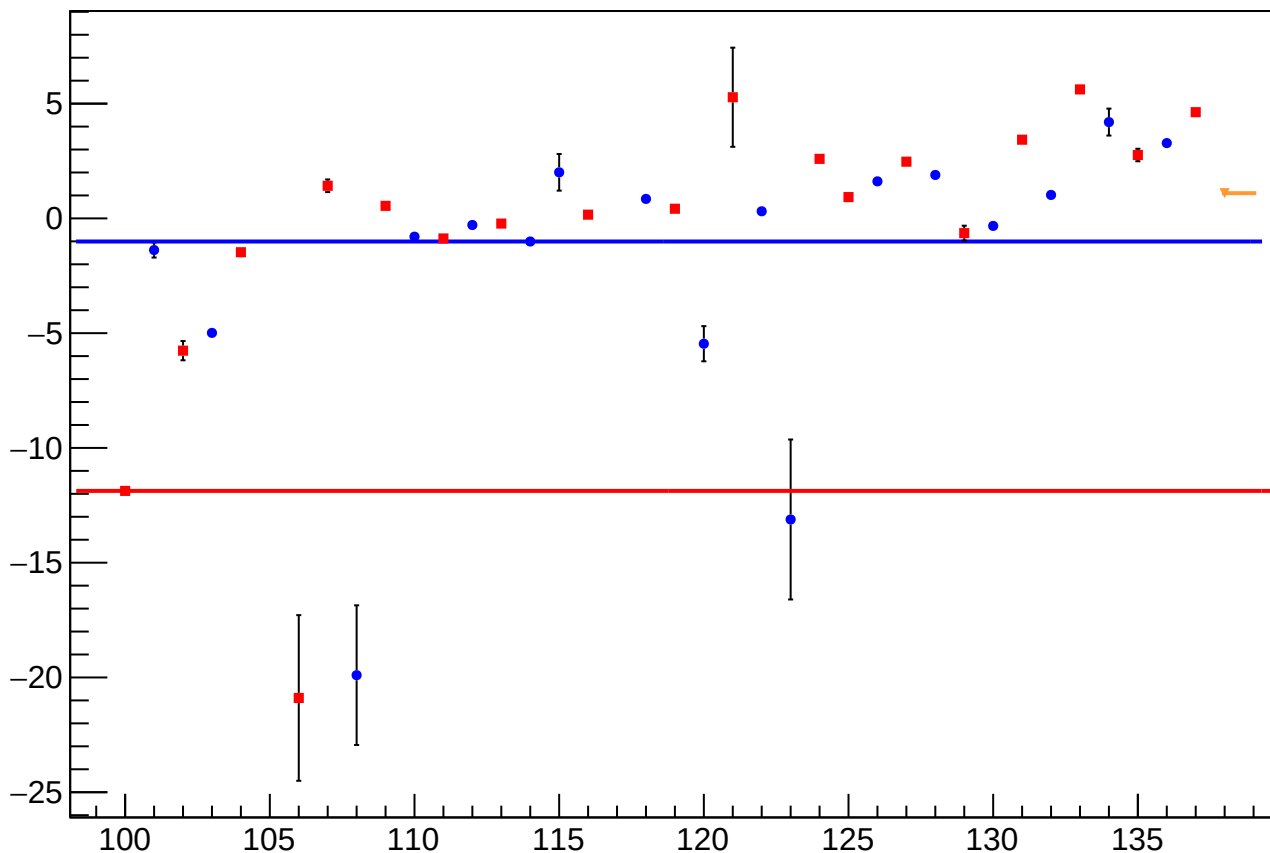
Right: 189.551+/-0.000 χ^2/NDF : 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF :927391.8/16

Out: 136.674+/-0.057 χ^2/NDF :125451.9/19

All: 189.551+/-0.000 χ^2/NDF : 1907642.0/36

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 1.098 ± 0.196 χ^2/NDF : 0.0/0

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

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

Left: 1.098 ± 0.196 χ^2/NDF : 0.0/0

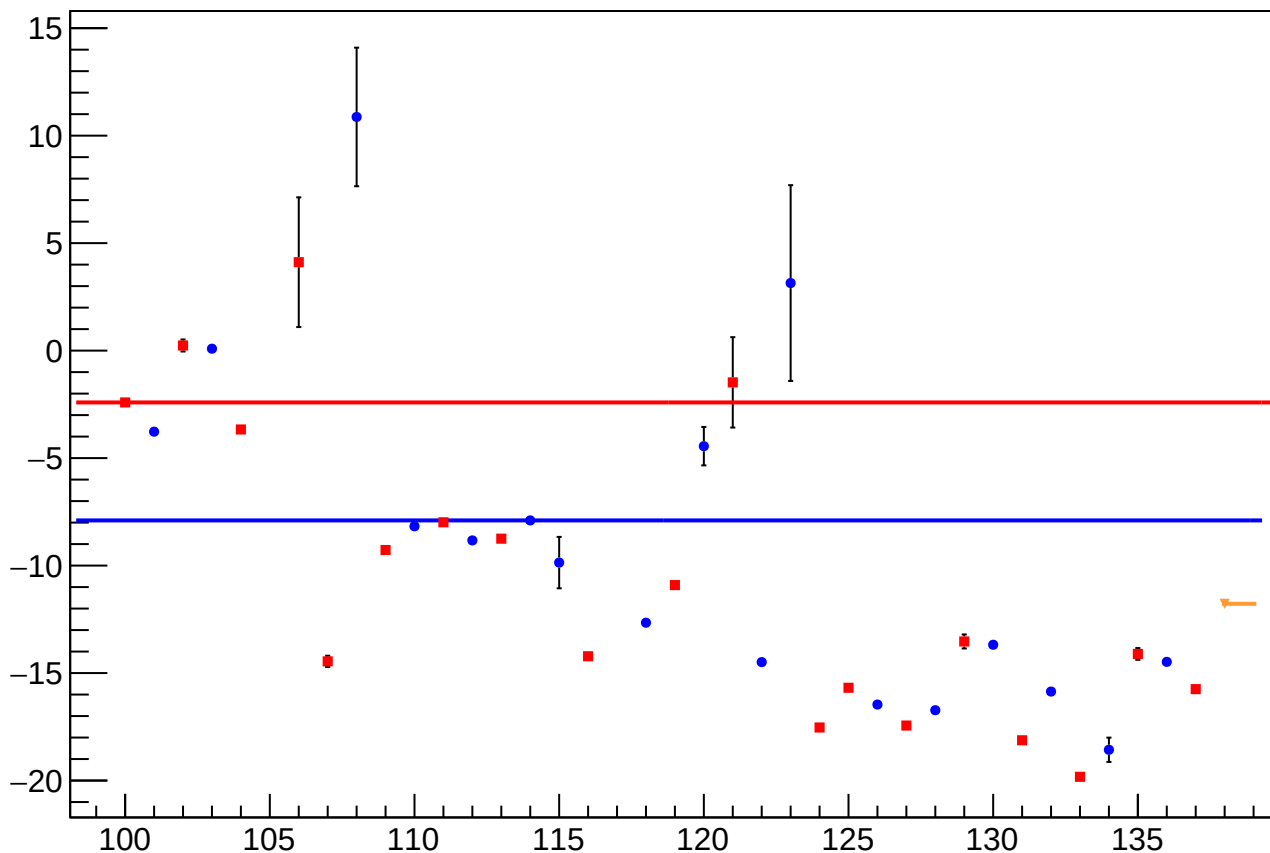
Right: -1.365 ± 0.000 χ^2/NDF : 2170760676638215

In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Out: -11.872 ± 0.000 χ^2/NDF : 507999.3/19

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: -11.778 ± 0.203 χ^2/NDF : 0.0/0

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

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

Left: -11.778 ± 0.203 χ^2/NDF : 0.0/0

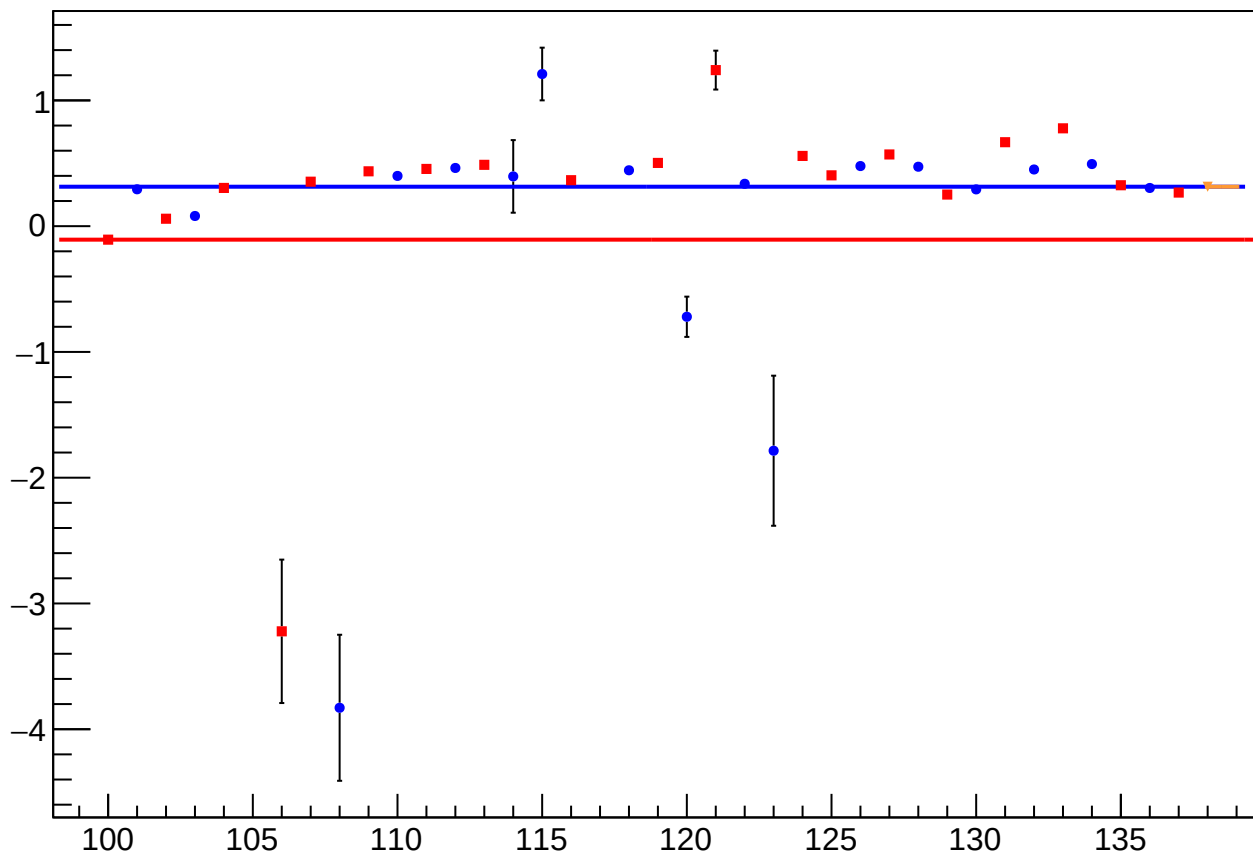
Right: -4.135 ± 0.000 χ^2/NDF : 2879850560728951

In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Out: -2.410 ± 0.000 χ^2/NDF : 205170.5/19

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: 0.314+/-0.002 χ^2/NDF : 0.0/0

Right Out: -0.107+/-0.000 χ^2/NDF : 219932.8/18

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

Left: 0.314+/-0.002 χ^2/NDF : 0.0/0

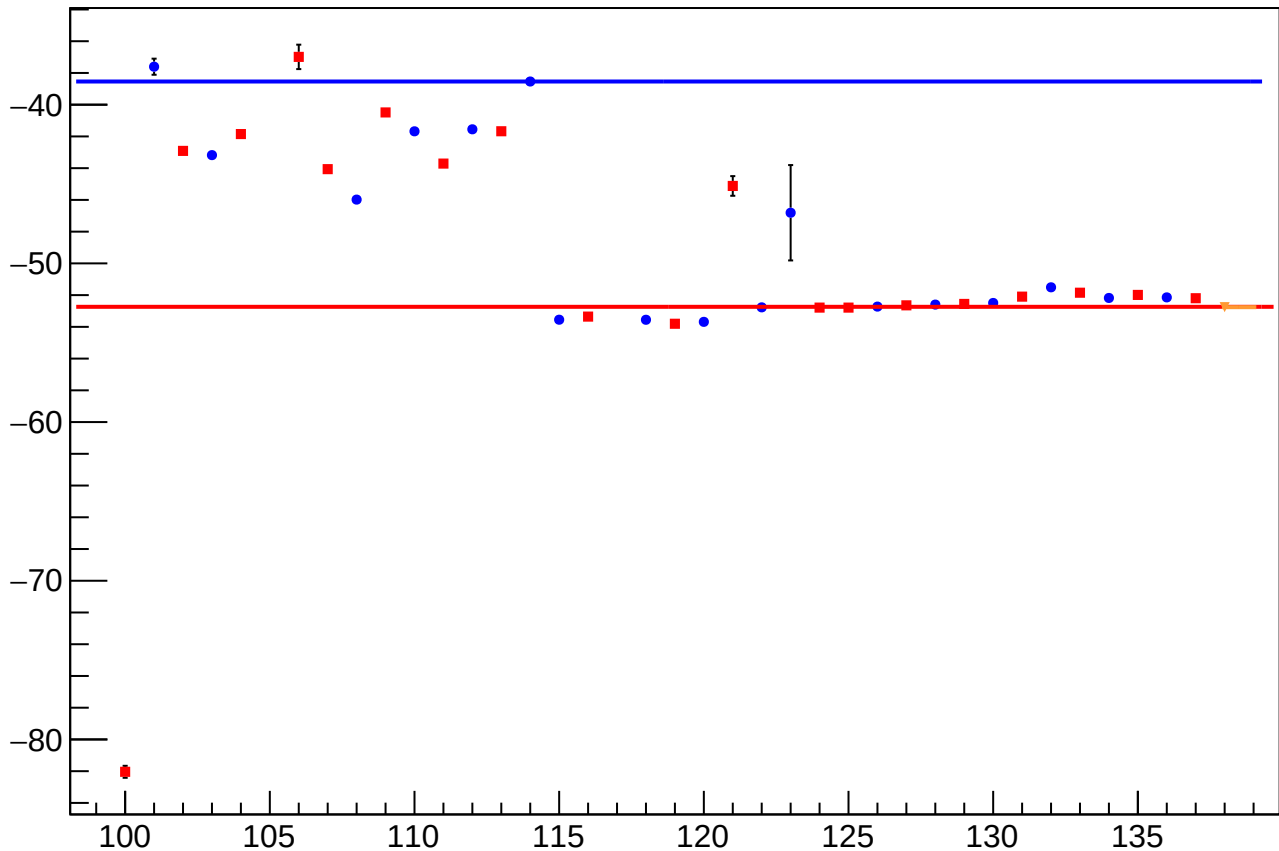
Right: -0.107+/-0.000 χ^2/NDF : 409026.8/35

In: 0.314+/-0.001 χ^2/NDF : 2748.0/16

Out: -0.107+/-0.000 χ^2/NDF : 286171.3/19

All: -0.107+/-0.000 χ^2/NDF : 475265.4/36

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF : 14950854.6/16

Left Out: -52.759+/-0.008 χ^2/NDF : 0.0/0

Right Out: -52.737+/-0.002 χ^2/NDF : 87430.2/18

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

Left: -52.759+/-0.008 χ^2/NDF : 0.0/0

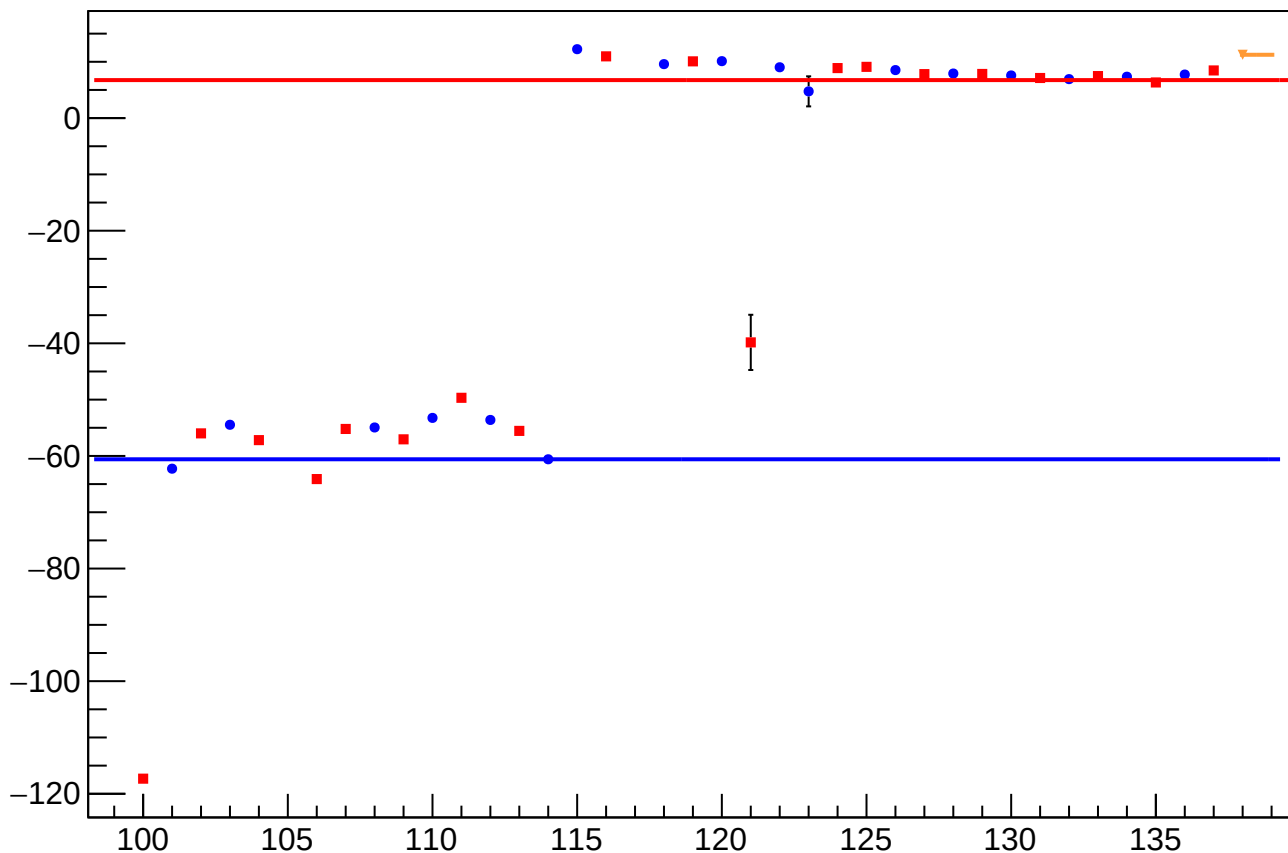
Right: -38.539+/-0.000 χ^2/NDF : 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF : 14950854.6/16

Out: -52.738+/-0.002 χ^2/NDF : 87437.3/19

All: -38.539+/-0.000 χ^2/NDF : 75044565.5/36

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594 $\pm$ 0.000 χ^2 /NDF: 26122838.1/16

Left Out: 11.246 $\pm$ 0.025 χ^2 /NDF:0.0/0

Right Out: 6.748 $\pm$ 0.011 χ^2 /NDF: 1266598.3/18

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

Left: 11.246 $\pm$ 0.025 χ^2 /NDF: 0.0/0

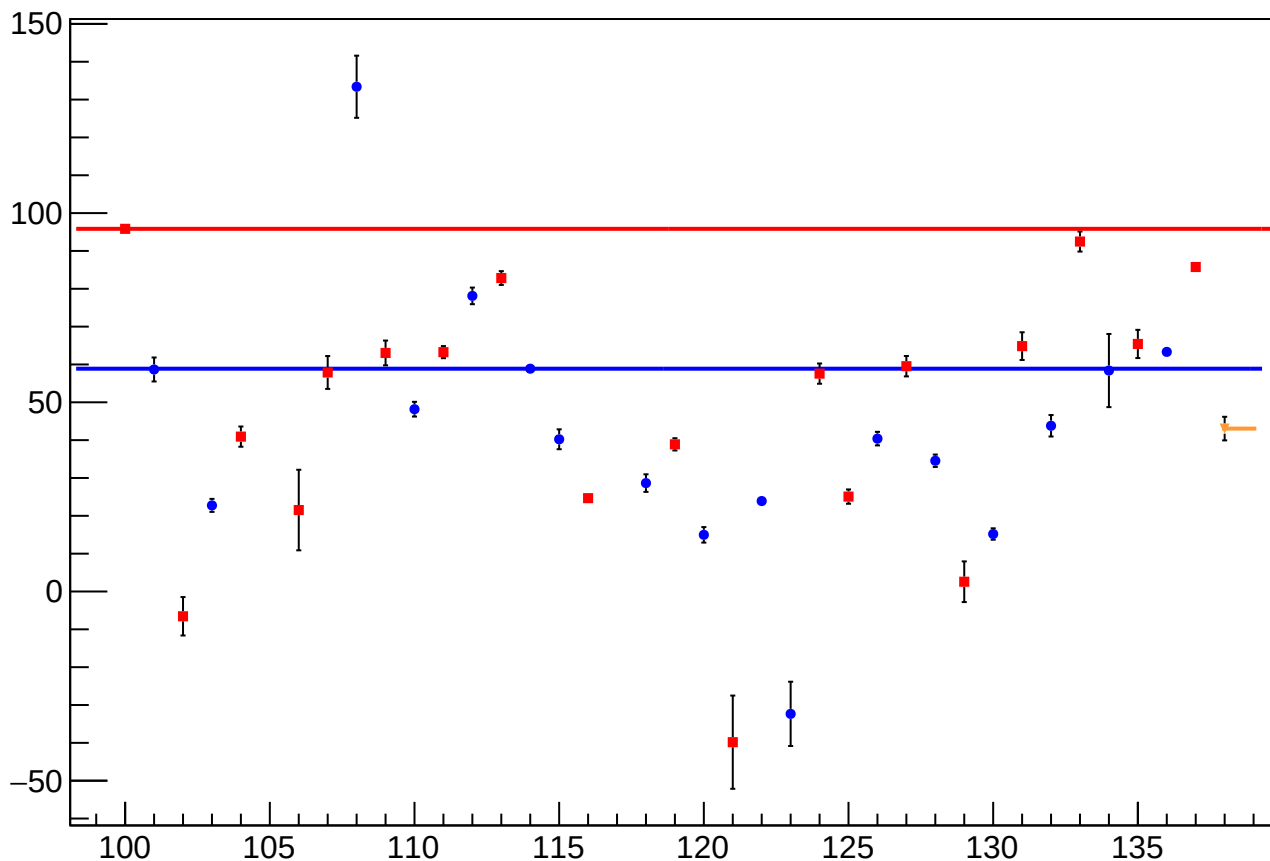
Right: -60.594 $\pm$ 0.000 χ^2 /NDF: 64778482.9/35

In: -60.594 $\pm$ 0.000 χ^2 /NDF:26122838.1/16

Out: 7.464 $\pm$ 0.010 χ^2 /NDF:1293114.0/19

All: -60.594 $\pm$ 0.000 χ^2 /NDF: 72822451.3/36

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF : 3814.7/16

Left Out: 43.053+/-3.118 χ^2/NDF :0.0/0

Right Out: 95.846+/-0.000 χ^2/NDF : 39385.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 43.053+/-3.118 χ^2/NDF : 0.0/0

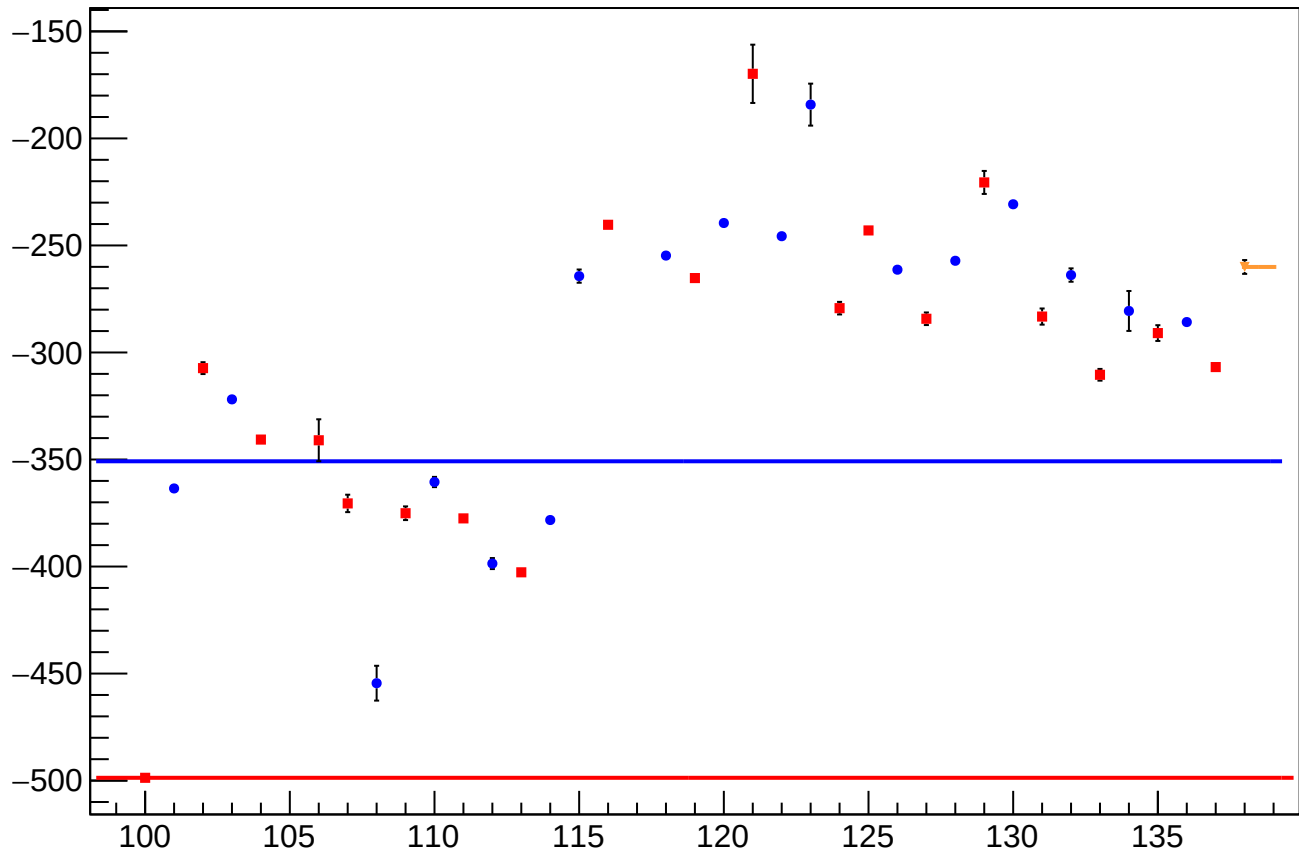
Right: 60.098+/-0.000 χ^2/NDF : 9815233945666380

In: 58.880+/-0.000 χ^2/NDF :3814.7/16

Out: 95.846+/-0.000 χ^2/NDF :39671.7/19

All: 60.098+/-0.000 χ^2/NDF : 9815233945666380

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -260.048 ± 3.230 χ^2/NDF : 0.0/0

Right Out: -498.692 ± 0.000 χ^2/NDF : 511870.8/18

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

Left: -260.048 ± 3.230 χ^2/NDF : 0.0/0

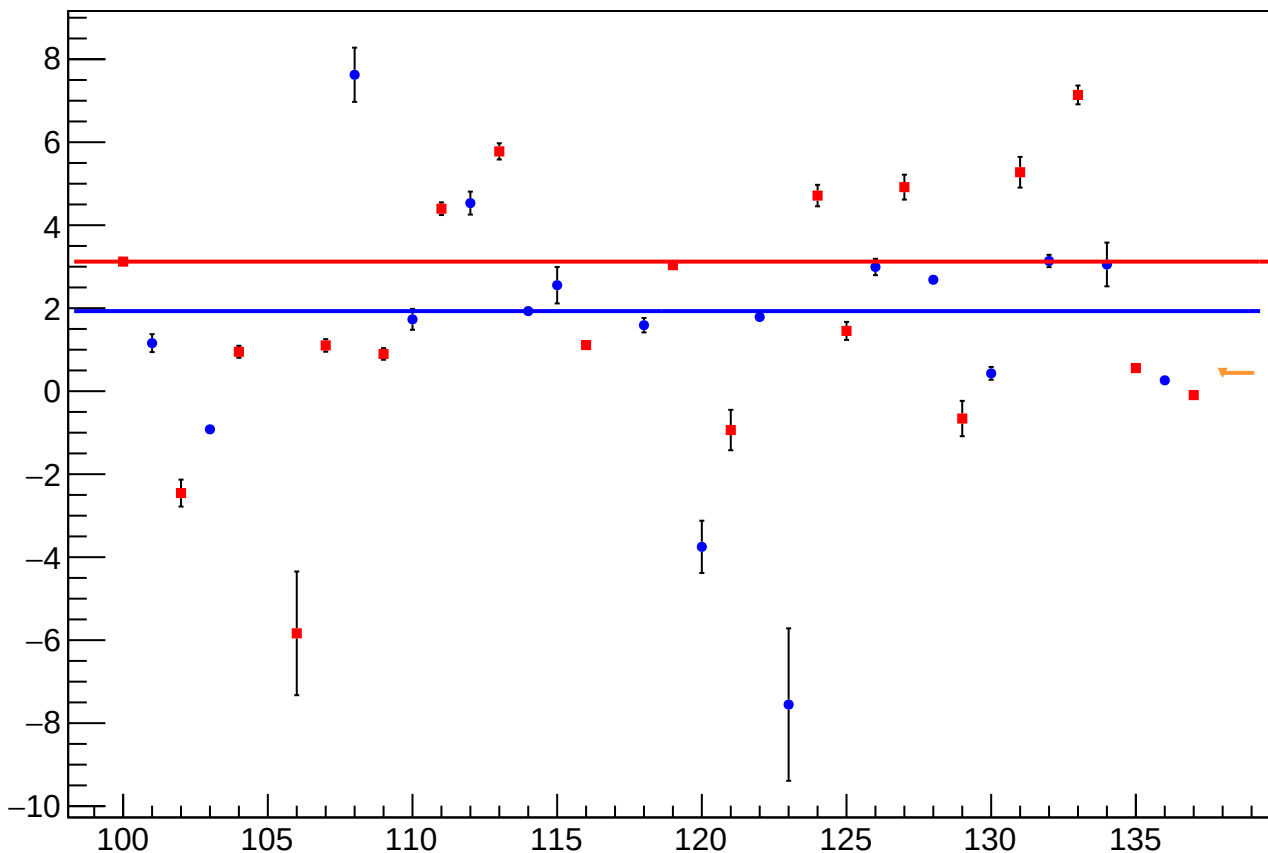
Right: -498.692 ± 0.000 χ^2/NDF : 918780.8/35

In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Out: -498.692 ± 0.000 χ^2/NDF : 517329.6/19

All: -498.692 ± 0.000 χ^2/NDF : 924239.6/36

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.441 ± 0.020 χ^2/NDF : 0.0/0

Right Out: 3.123 ± 0.000 χ^2/NDF : 512565.5/18

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

Left: 0.441 ± 0.020 χ^2/NDF : 0.0/0

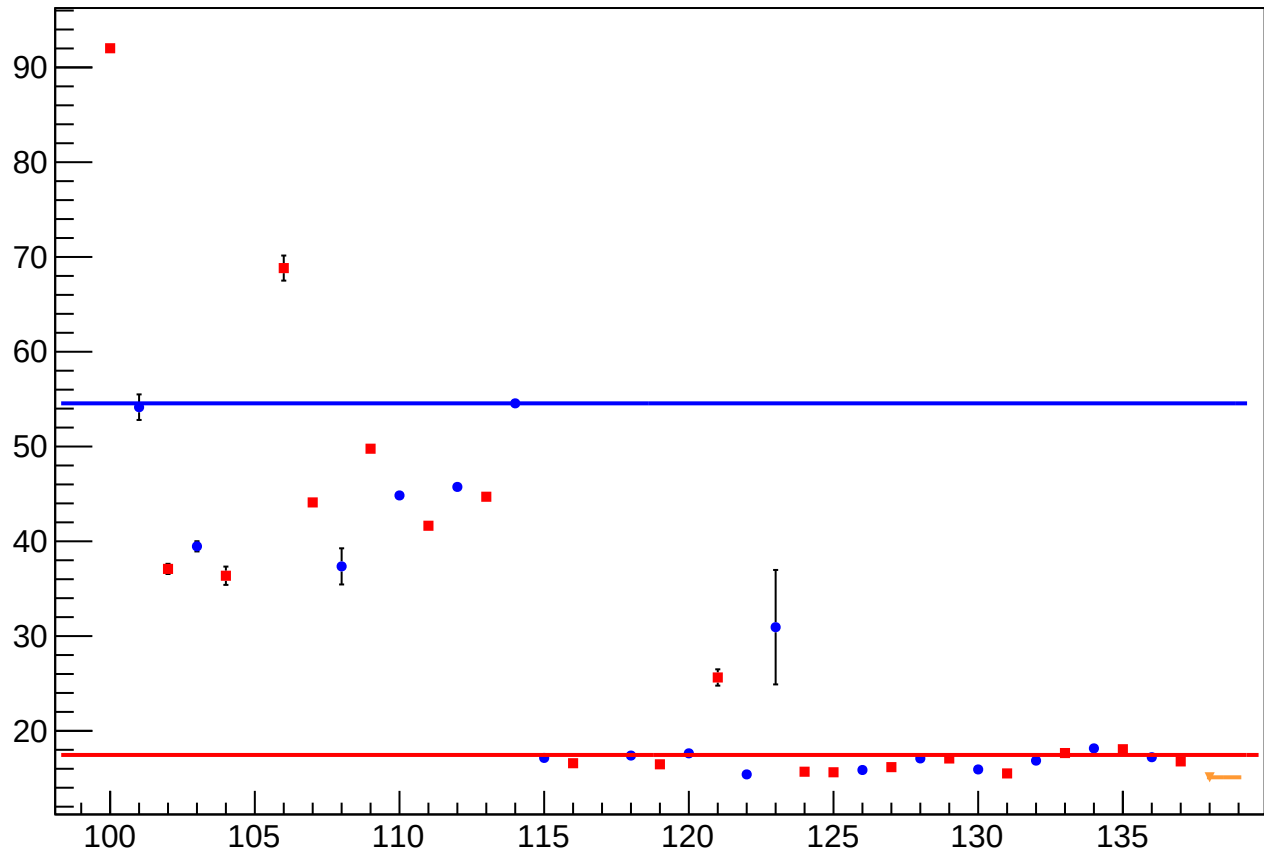
Right: 2.073 ± 0.000 χ^2/NDF : 38099534578085305

In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Out: 3.123 ± 0.000 χ^2/NDF : 531332.8/19

All: 2.073 ± 0.000 χ^2/NDF : 38099534578085305

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 7238433.0/16

Left Out: 15.100 $\pm$ 0.052 χ^2 /NDF:0.0/0

Right Out: 17.458 $\pm$ 0.018 χ^2 /NDF: 99308.5/18

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

Left: 15.100 $\pm$ 0.052 χ^2 /NDF: 0.0/0

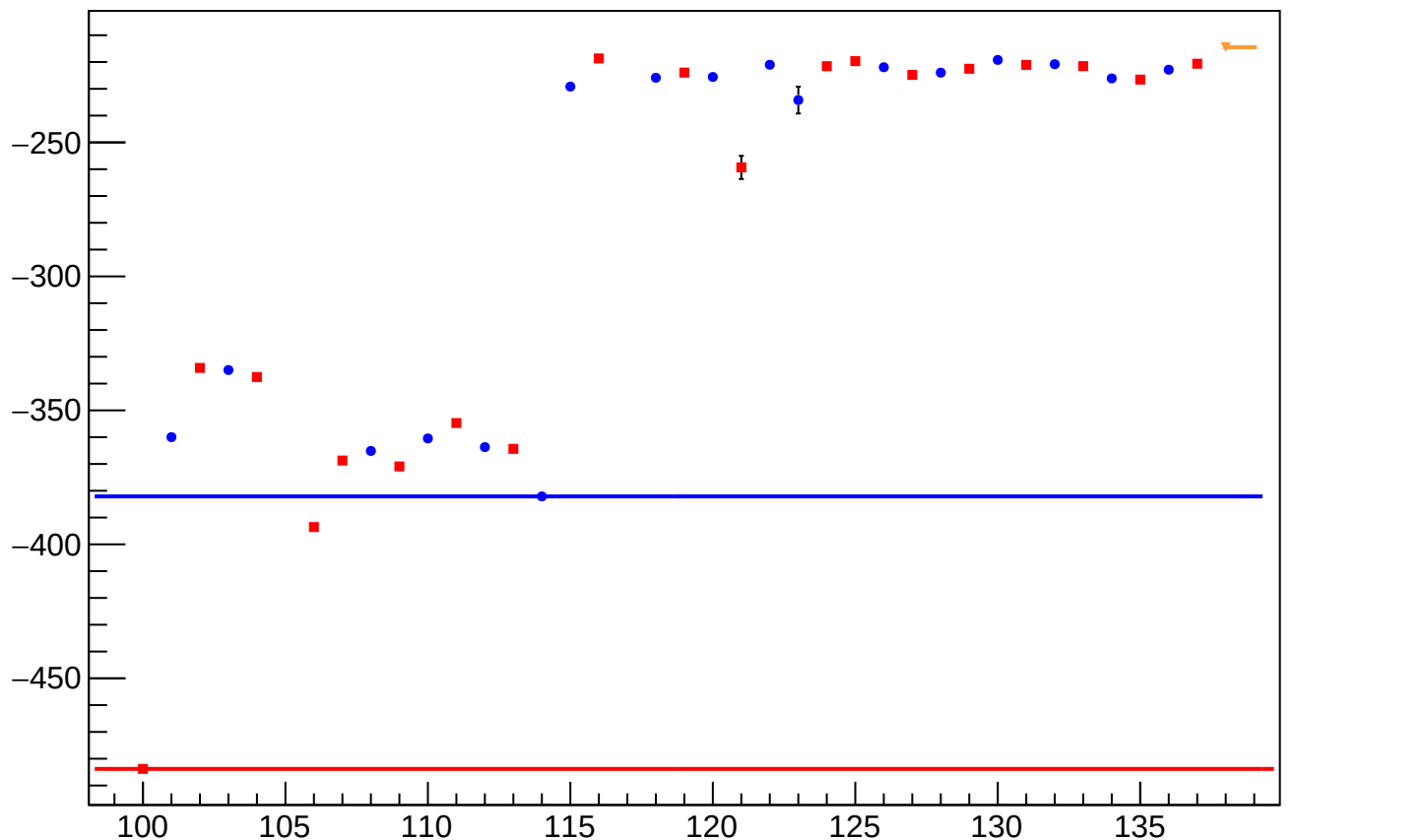
Right: 54.556 $\pm$ 0.000 χ^2 /NDF: 11453944.4/35

In: 54.556 $\pm$ 0.000 χ^2 /NDF:7238433.0/16

Out: 17.203 $\pm$ 0.017 χ^2 /NDF:101108.6/19

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 12018980.4/36

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -214.471+/-0.098 χ^2/NDF : 0.0/0

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

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

Left: -214.471+/-0.098 χ^2/NDF : 0.0/0

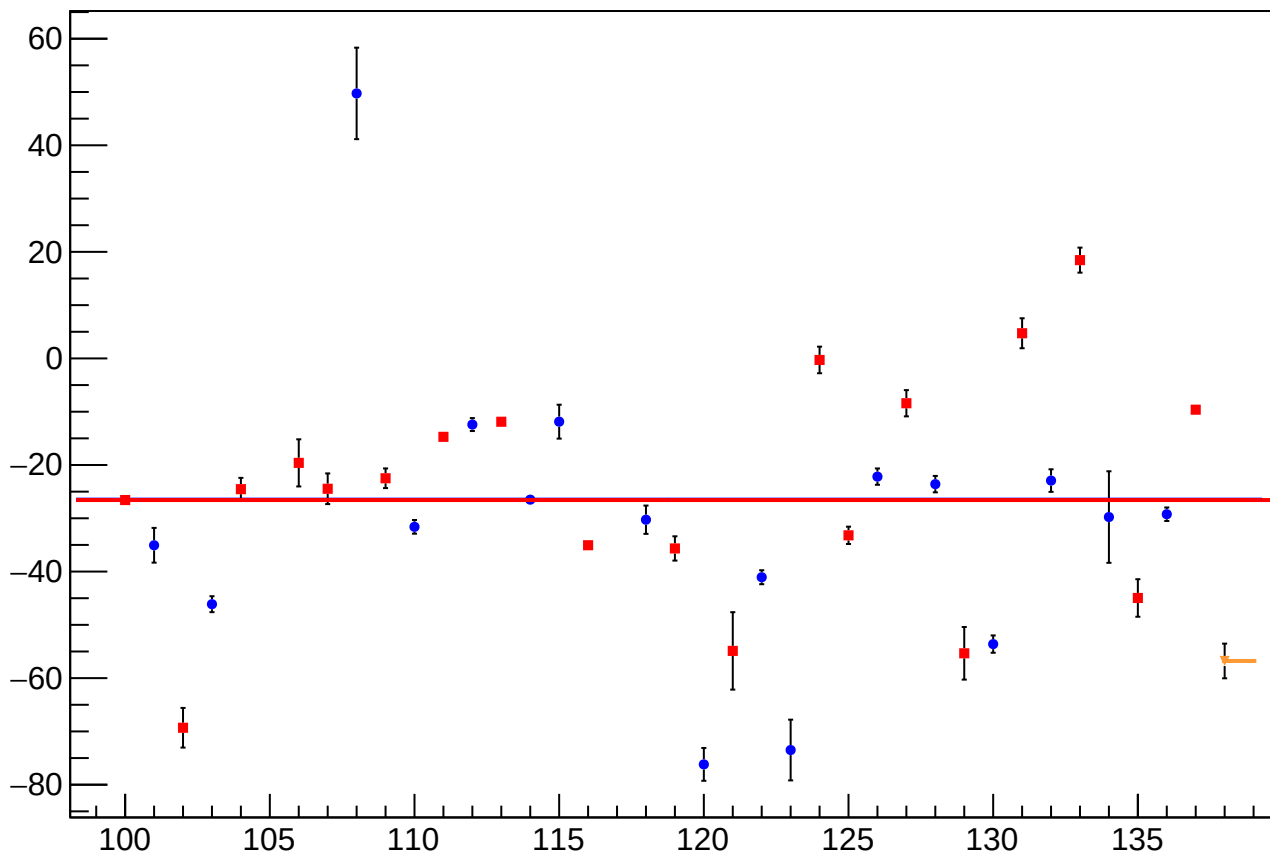
Right: -417.999+/-0.000 χ^2/NDF : 12425488813367

In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Out: -483.800+/-0.000 χ^2/NDF : 31927939.3/19

All: -417.999+/-0.000 χ^2/NDF : 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF : 1180.7/16

Left Out: -56.778+/-3.254 χ^2/NDF : 0.0/0

Right Out: -26.577+/-0.000 χ^2/NDF : 2640.9/18

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

Left: -56.778+/-3.254 χ^2/NDF : 0.0/0

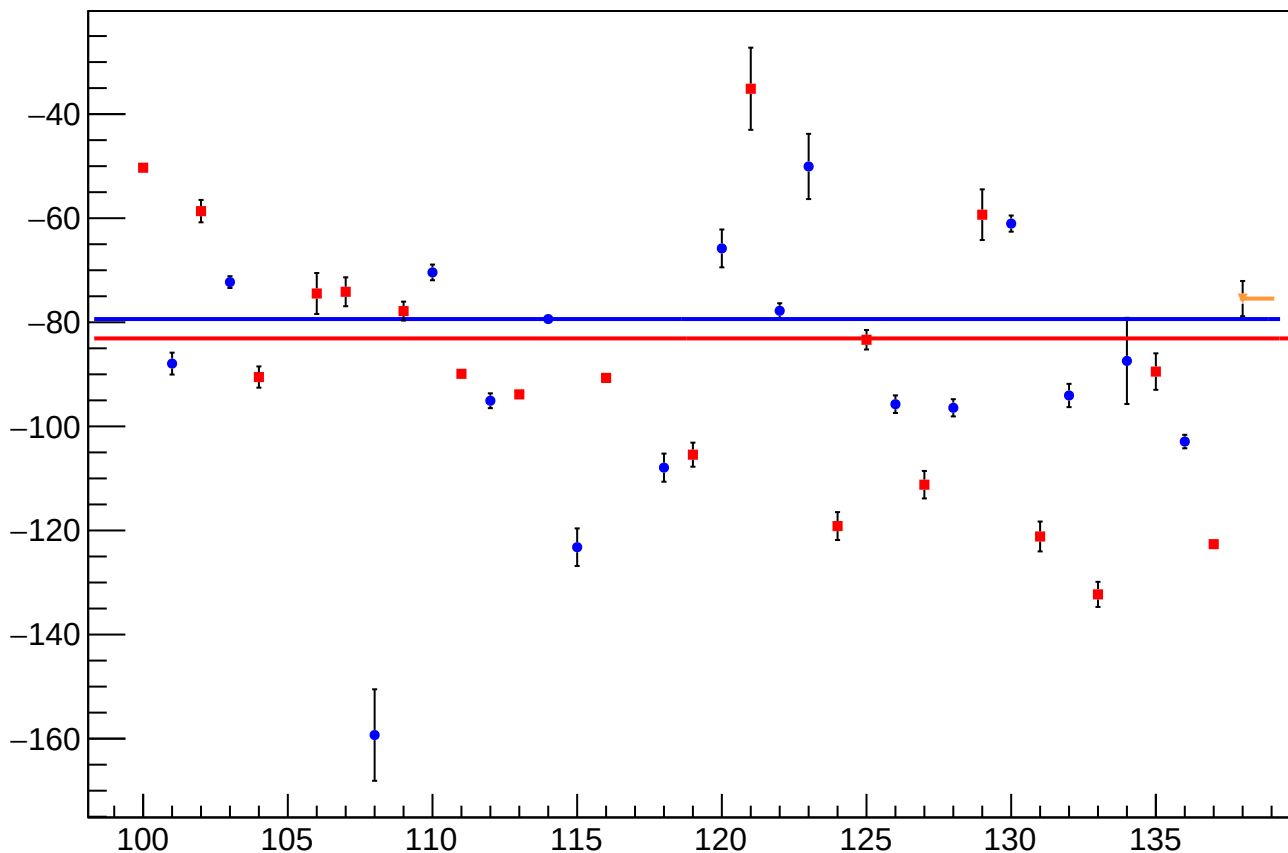
Right: -26.530+/-0.000 χ^2/NDF : 412159279654659

In: -26.504+/-0.000 χ^2/NDF : 1180.7/16

Out: -26.577+/-0.000 χ^2/NDF : 2727.0/19

All: -26.530+/-0.000 χ^2/NDF : 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -75.446 ± 3.384 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

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

Left: -75.446 ± 3.384 $\chi^2/\text{NDF}: 0.0/0$

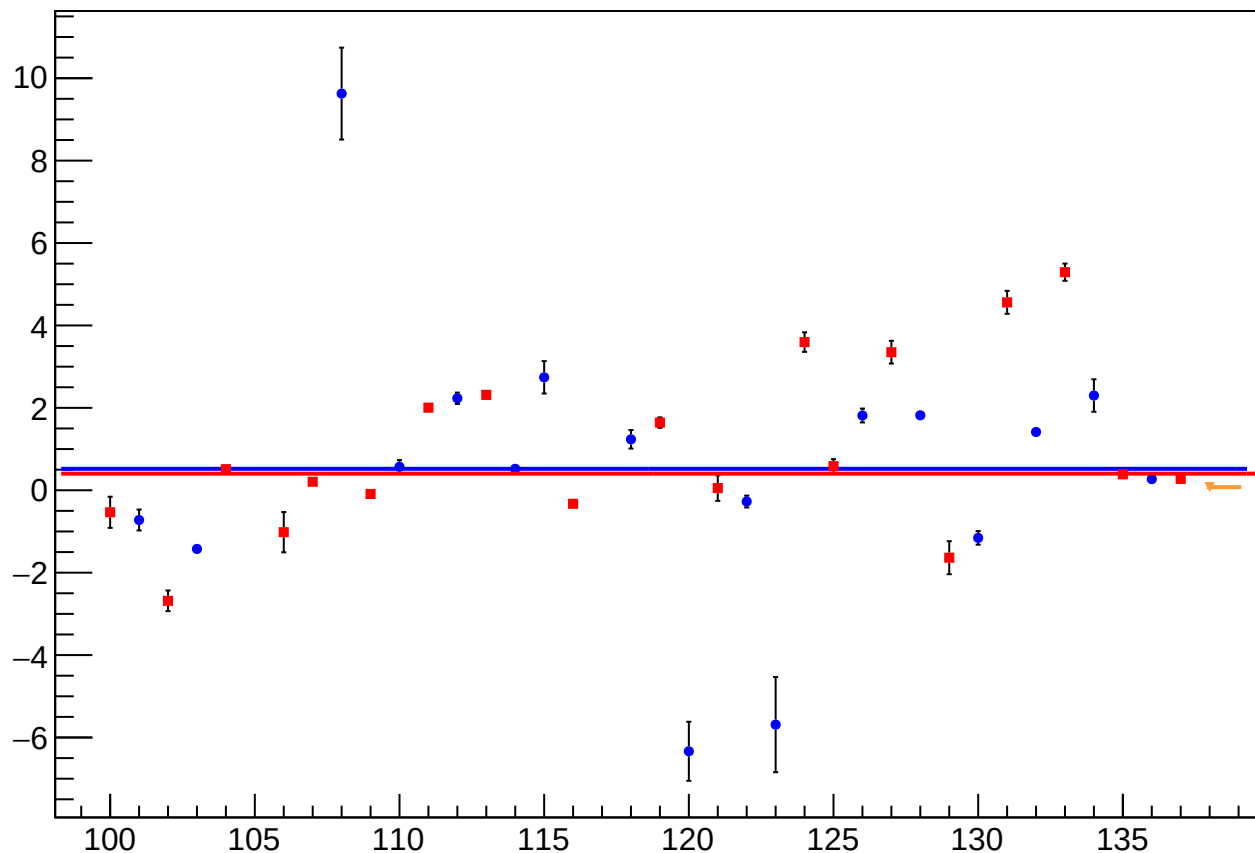
Right: -79.376 ± 0.000 $\chi^2/\text{NDF}: 13657.0/35$

In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Out: -83.078 ± 0.178 $\chi^2/\text{NDF}: 11920.9/19$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 13658.4/36$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.076+/-0.017 χ^2/NDF :0.0/0

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.076+/-0.017 χ^2/NDF : 0.0/0

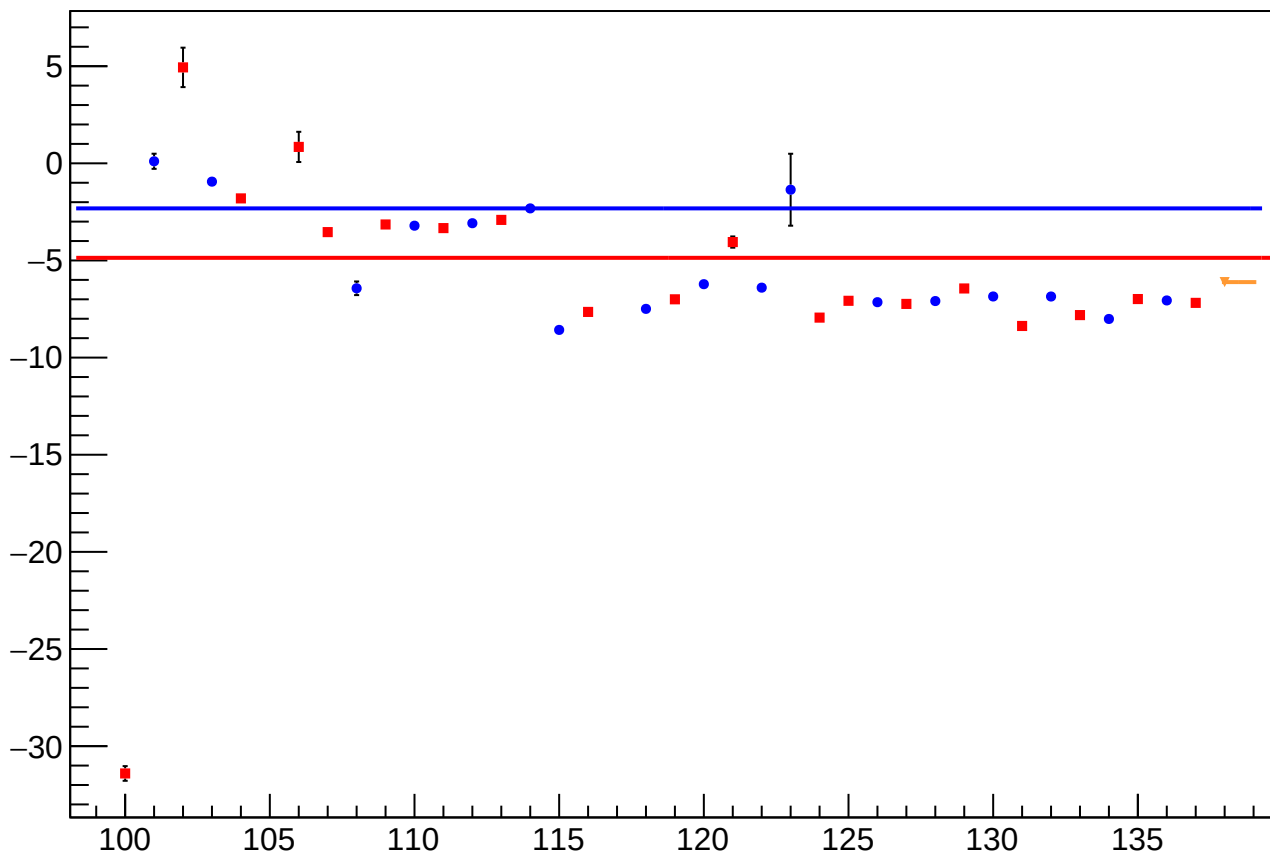
Right: 0.521+/-0.000 χ^2/NDF : 6215.1/35

In: 0.521+/-0.000 χ^2/NDF :3370.8/16

Out: 0.311+/-0.009 χ^2/NDF :2982.8/19

All: 0.521+/-0.000 χ^2/NDF : 6871.5/36

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 270771.9/16$

Left Out: -6.114 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.864 ± 0.010 $\chi^2/\text{NDF}: 49380.5/18$

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

Left: -6.114 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

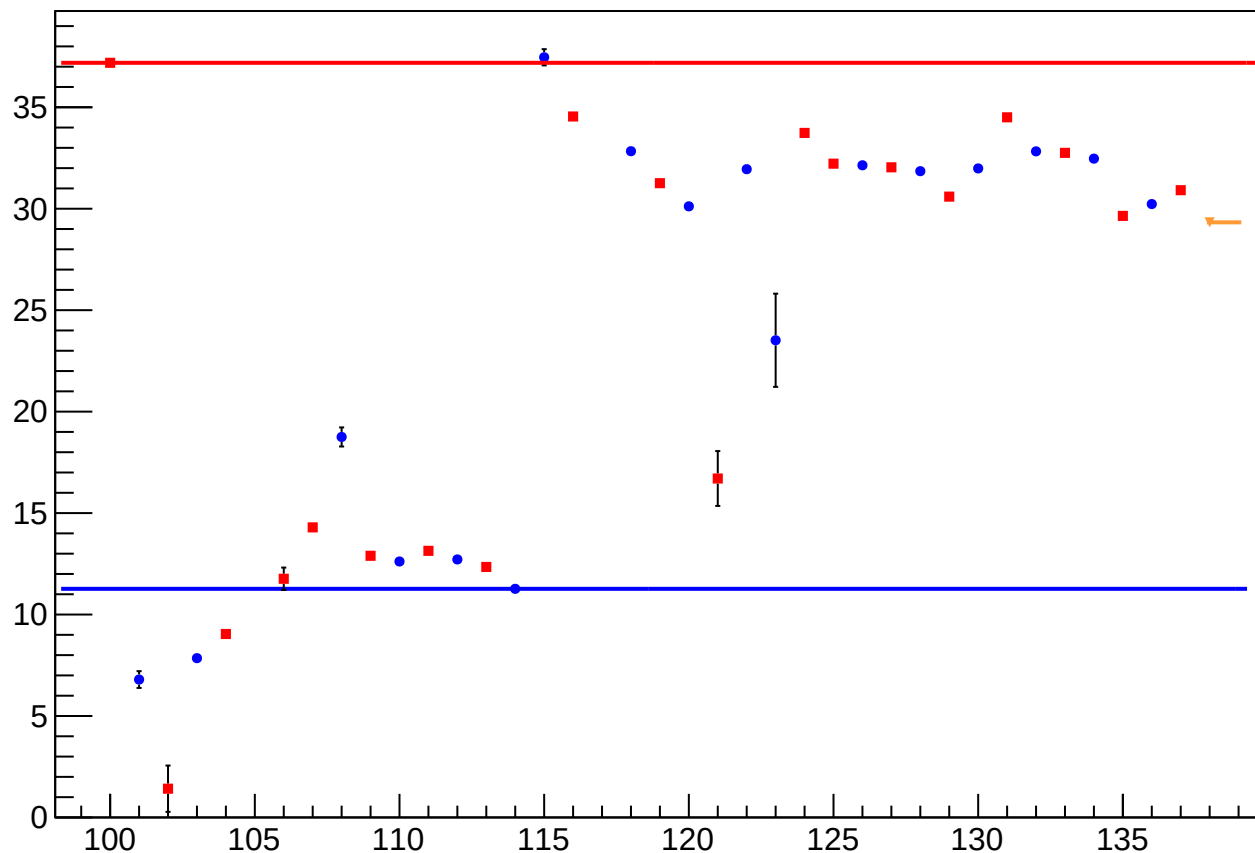
Right: -2.320 ± 0.000 $\chi^2/\text{NDF}: 381161.7/35$

In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 270771.9/16$

Out: -4.952 ± 0.010 $\chi^2/\text{NDF}: 50417.1/19$

All: -2.320 ± 0.000 $\chi^2/\text{NDF}: 391448.5/36$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF : 958029.3/16

Left Out: 29.329+/-0.106 χ^2/NDF : 0.0/0

Right Out: 37.191+/-0.000 χ^2/NDF : 1121929.1/18

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

Left: 29.329+/-0.106 χ^2/NDF : 0.0/0

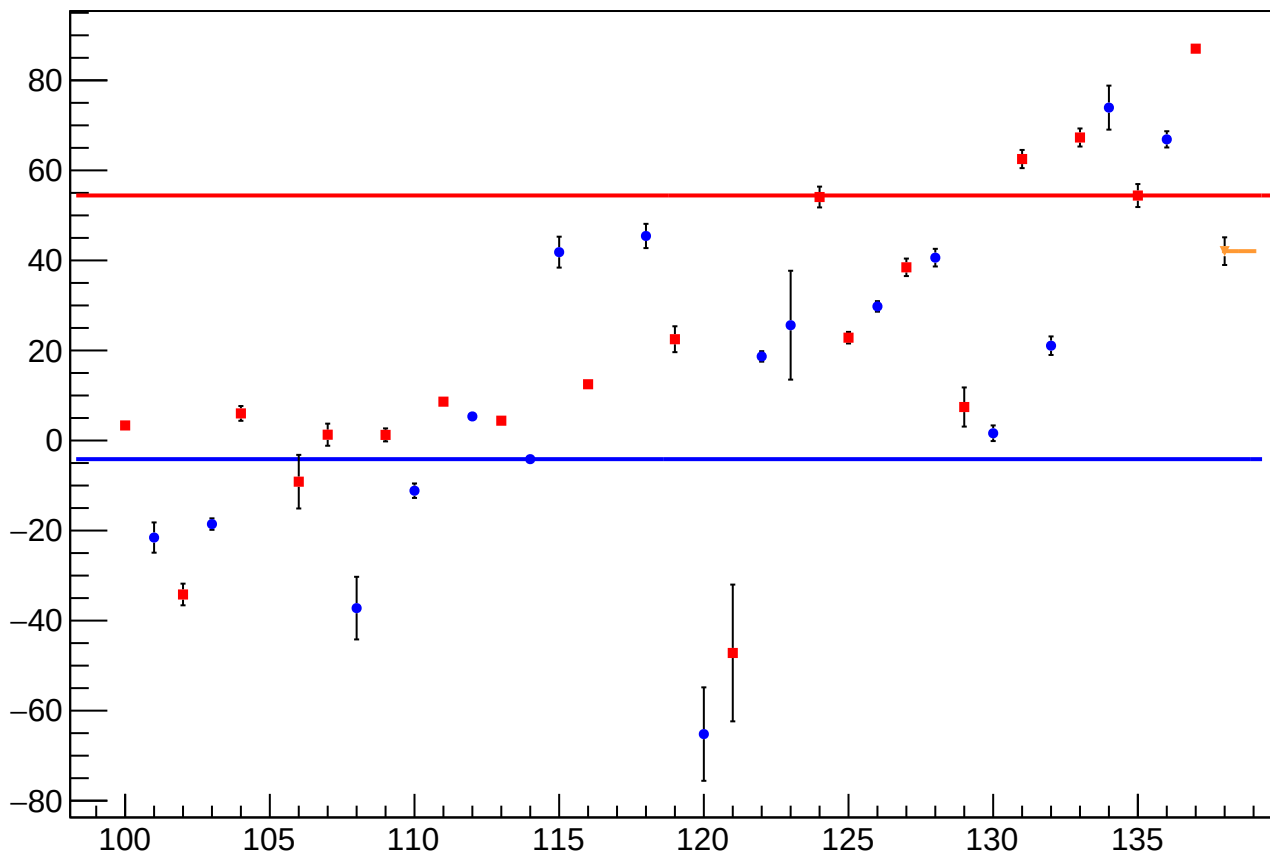
Right: 12.122+/-0.000 χ^2/NDF : 7723055694978834

In: 11.268+/-0.000 χ^2/NDF : 958029.3/16

Out: 37.191+/-0.000 χ^2/NDF : 1127469.7/19

All: 12.122+/-0.000 χ^2/NDF : 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF : 4654.2/16

Left Out: 42.059+/-3.073 χ^2/NDF :0.0/0

Right Out: 54.427+/-0.170 χ^2/NDF : 53998.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 42.059+/-3.073 χ^2/NDF : 0.0/0

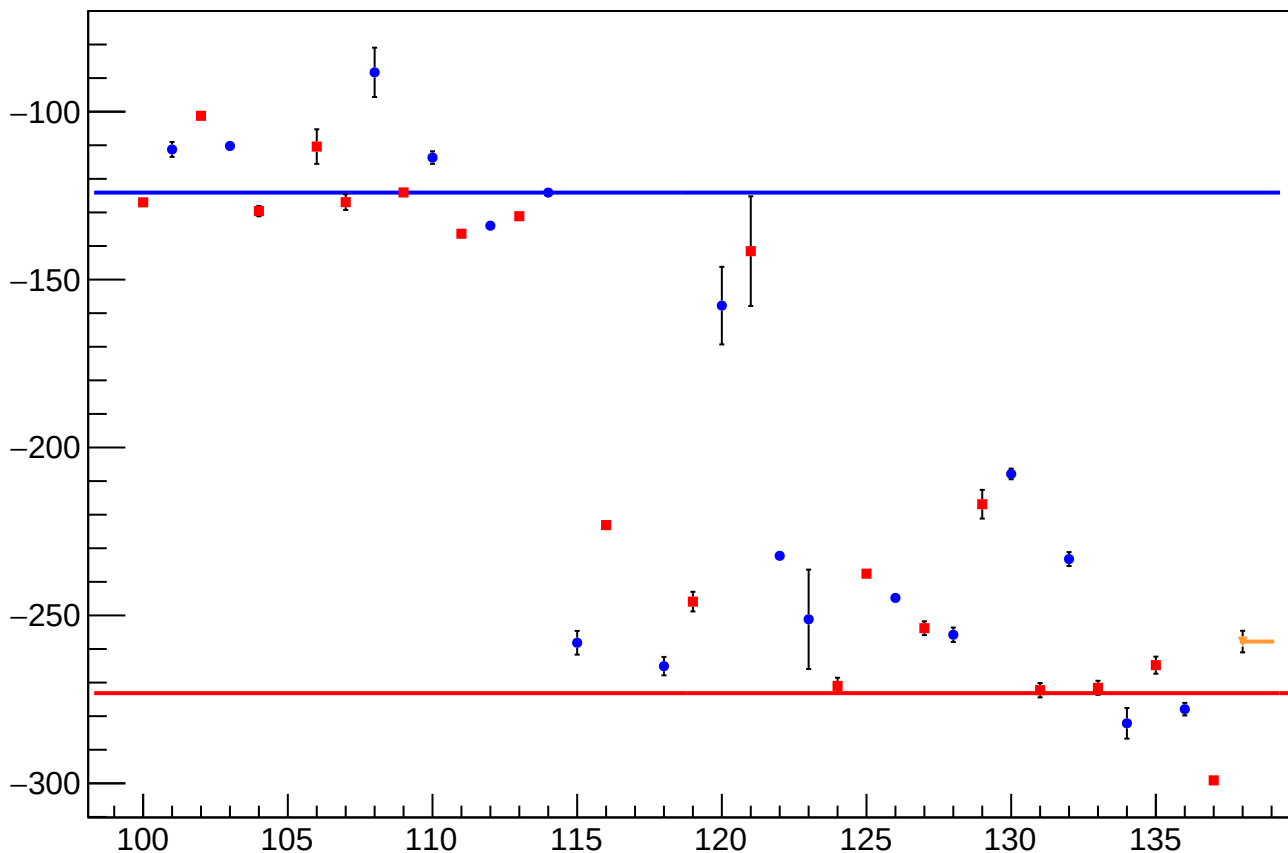
Right: -4.139+/-0.000 χ^2/NDF : 177029.3/35

In: -4.139+/-0.000 χ^2/NDF :4654.2/16

Out: 54.389+/-0.170 χ^2/NDF :54014.9/19

All: -4.139+/-0.000 χ^2/NDF : 177255.4/36

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -257.784+/-3.219 χ^2/NDF :0.0/0

Right Out: -273.143+/-0.113 χ^2/NDF : 280141.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: -257.784+/-3.219 χ^2/NDF : 0.0/0

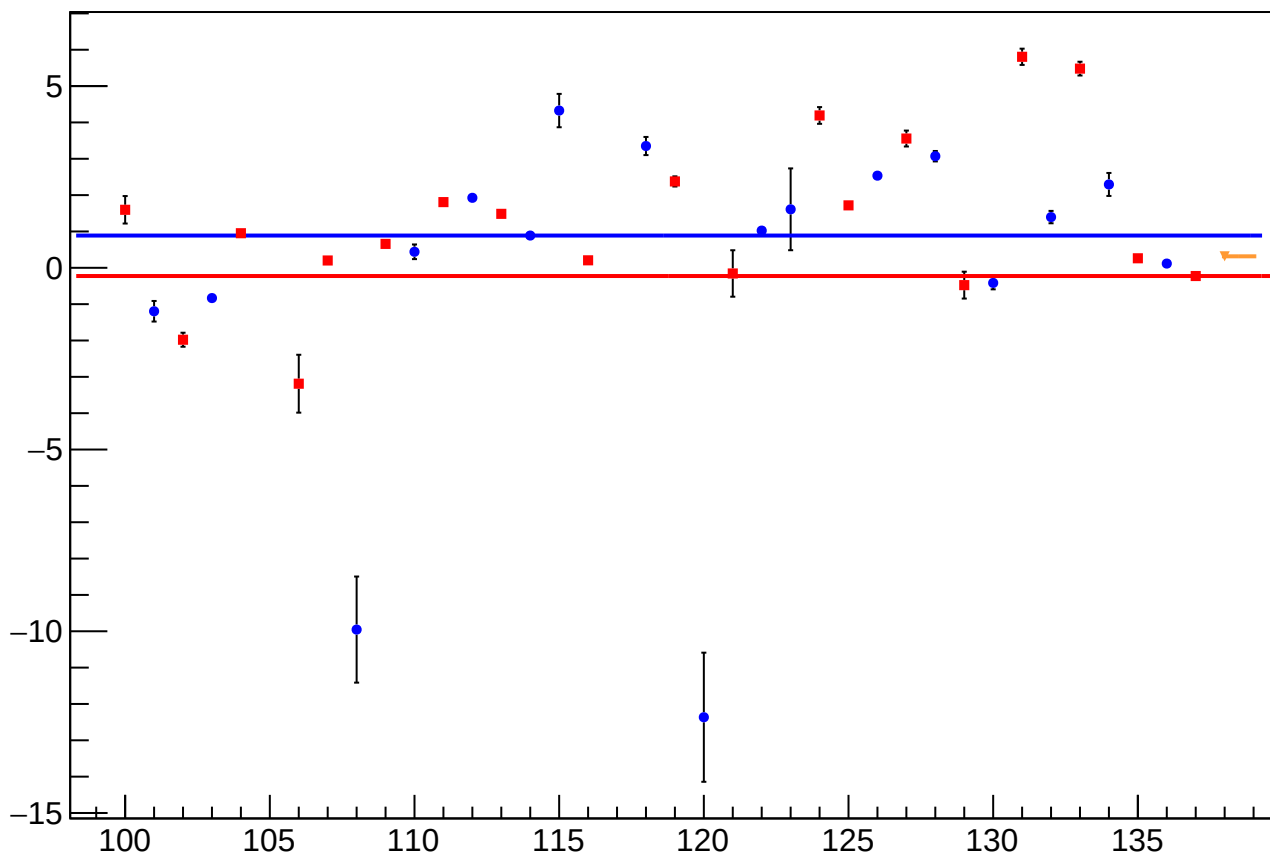
Right: -124.095+/-0.000 χ^2/NDF : 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF :38152.5/16

Out: -273.124+/-0.113 χ^2/NDF :280164.6/19

All: -124.095+/-0.000 χ^2/NDF : 2068501.2/36

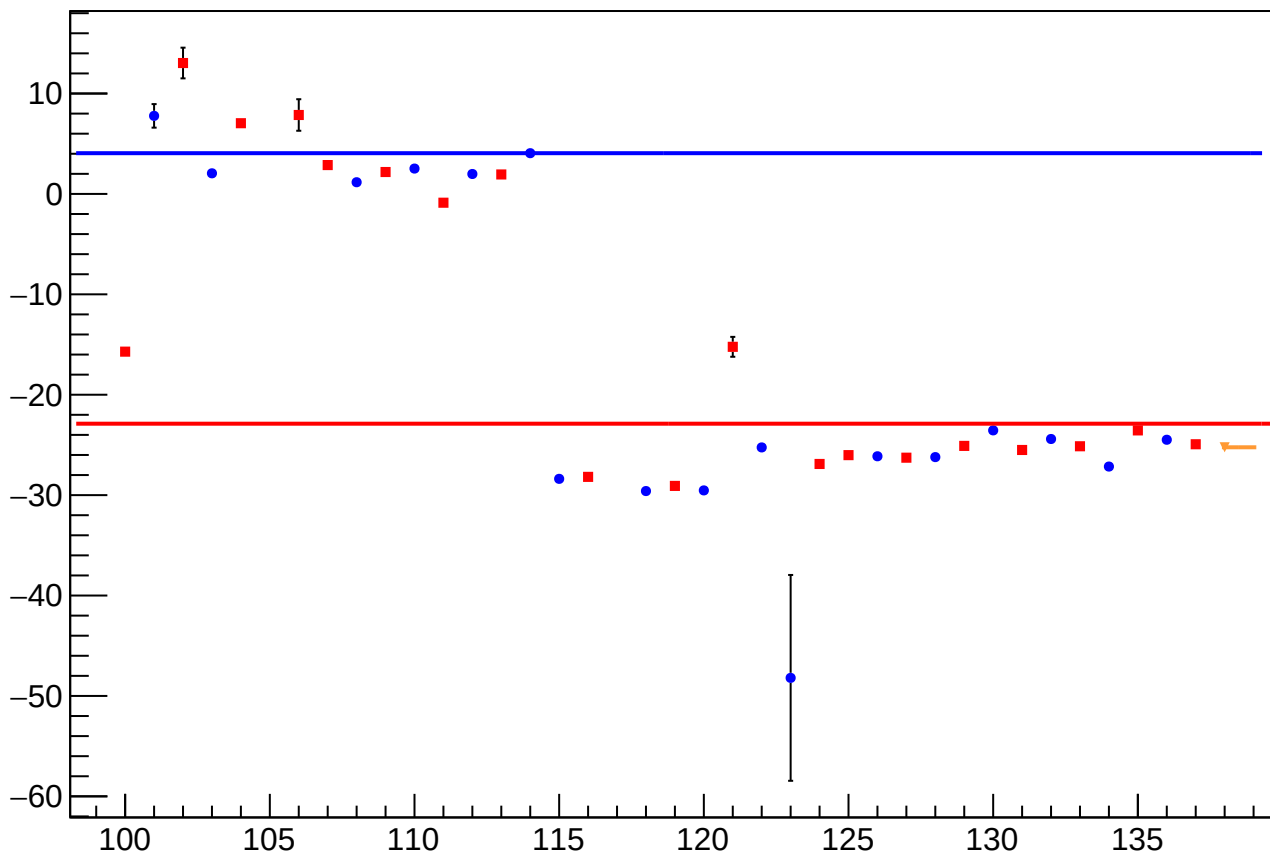
dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16
 Left Out: 0.316 ± 0.014 χ^2/NDF : 0.0/0
 Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.316 ± 0.014 χ^2/NDF : 0.0/0
 Right: 0.888 ± 0.000 χ^2/NDF : 422220530.0/35
 In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16
 Out: -0.226 ± 0.000 χ^2/NDF : 6563.9/19
 All: 0.888 ± 0.000 χ^2/NDF : 42222234.1/36

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -25.235+/-0.093 χ^2/NDF : 0.0/0

Right Out: -22.885+/-0.026 χ^2/NDF : 116508.9/18

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

Left: -25.235+/-0.093 χ^2/NDF : 0.0/0

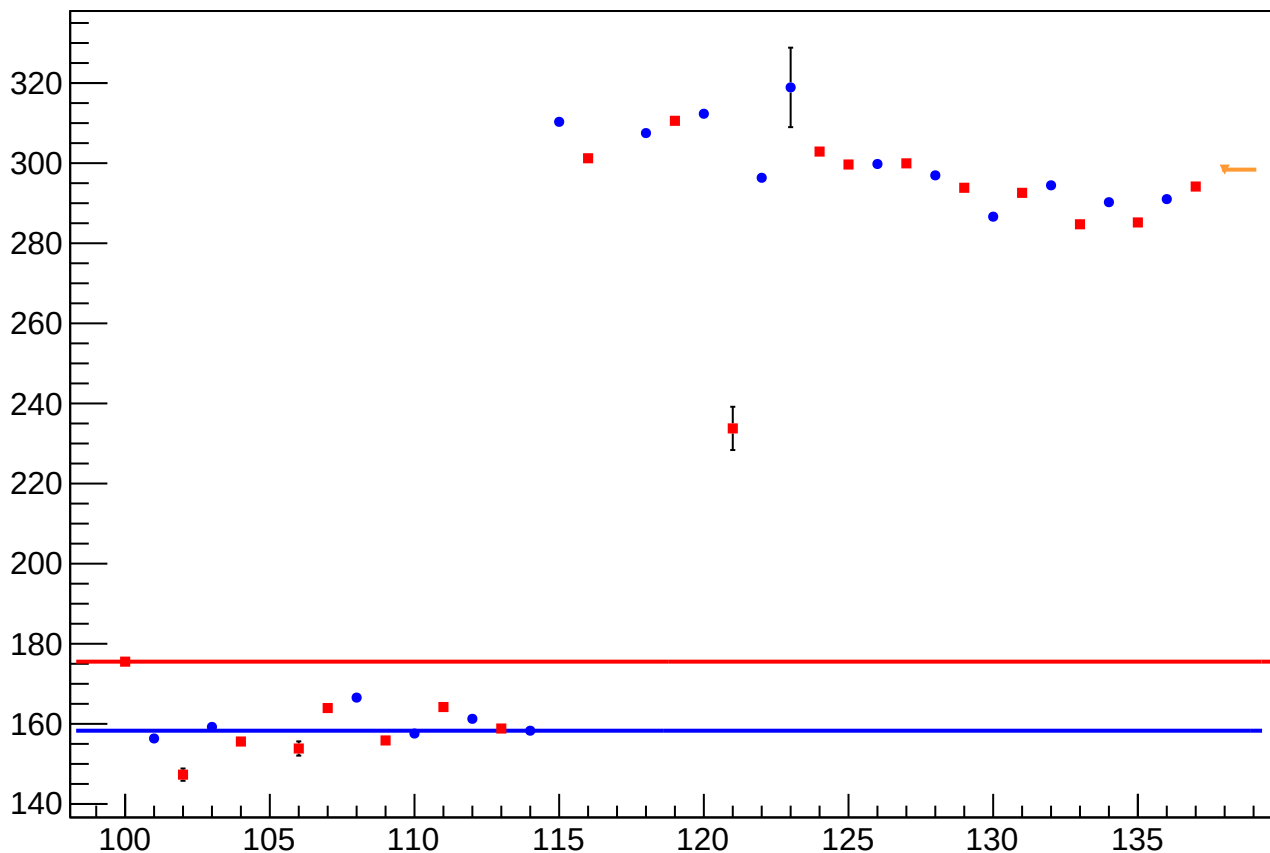
Right: 4.057+/-0.000 χ^2/NDF : 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Out: -23.060+/-0.025 χ^2/NDF : 117104.0/19

All: 4.057+/-0.000 χ^2/NDF : 2512097.9/36

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 298.387+/-0.204 χ^2/NDF : 0.0/0

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

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

Left: 298.387+/-0.204 χ^2/NDF : 0.0/0

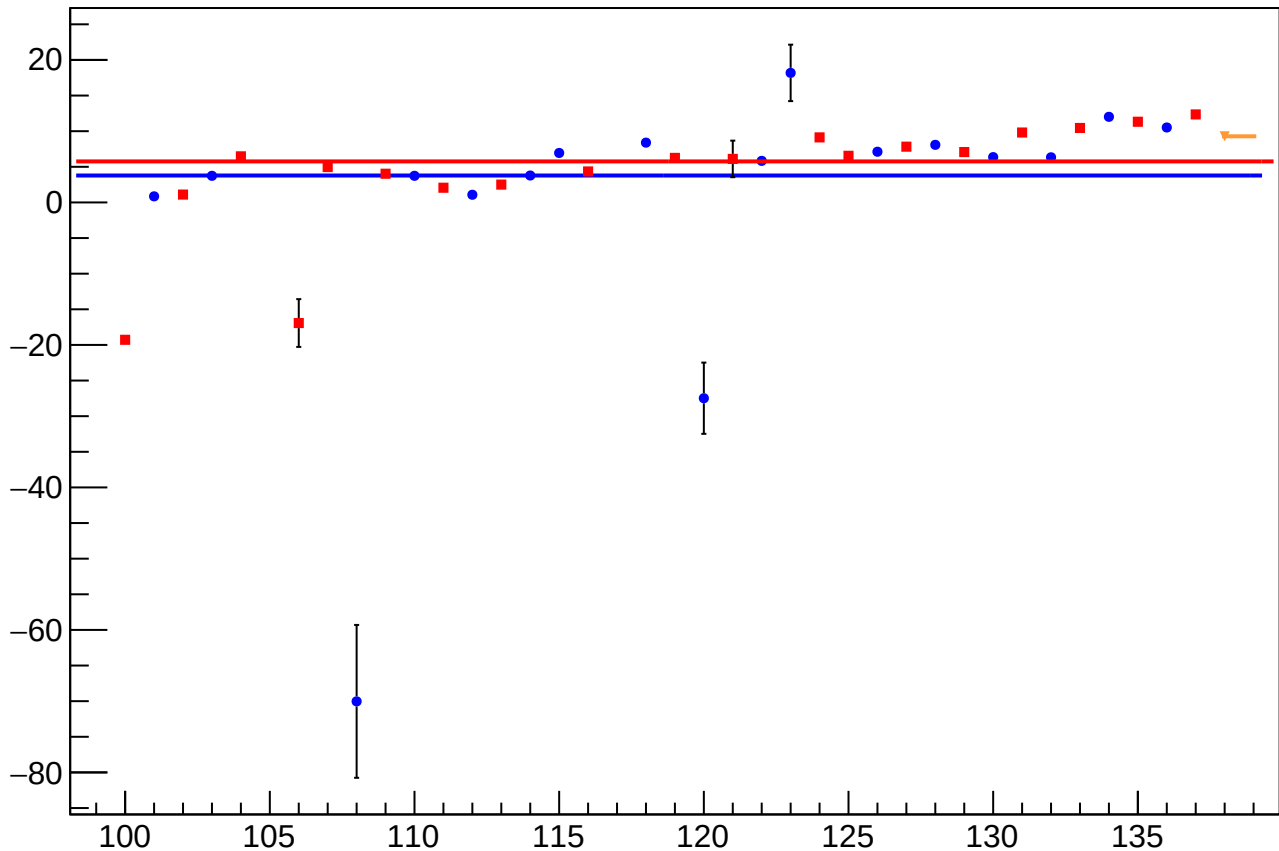
Right: 172.618+/-0.000 χ^2/NDF : 373727491225928

In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Out: 175.536+/-0.000 χ^2/NDF : 2462346.2/19

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: 9.280+/-0.324 χ^2/NDF : 0.0/0

Right Out: 5.756+/-0.026 χ^2/NDF : 22291.6/18

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

Left: 9.280+/-0.324 χ^2/NDF : 0.0/0

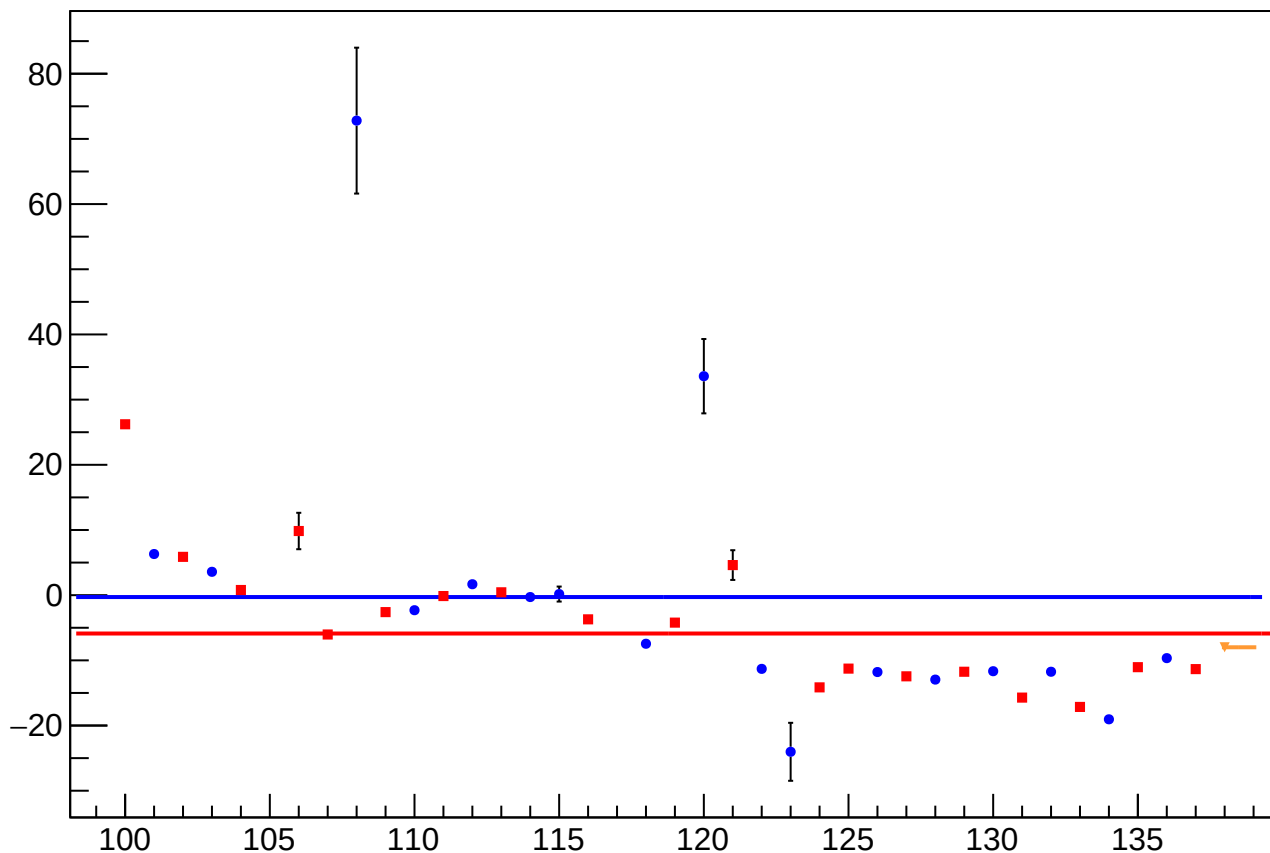
Right: 3.778+/-0.000 χ^2/NDF : 35056.1/35

In: 3.778+/-0.000 χ^2/NDF : 6871.4/16

Out: 5.778+/-0.026 χ^2/NDF : 22409.1/19

All: 3.778+/-0.000 χ^2/NDF : 35344.4/36

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -7.994 ± 0.337 χ^2/NDF : 0.0/0

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

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

Left: -7.994 ± 0.337 χ^2/NDF : 0.0/0

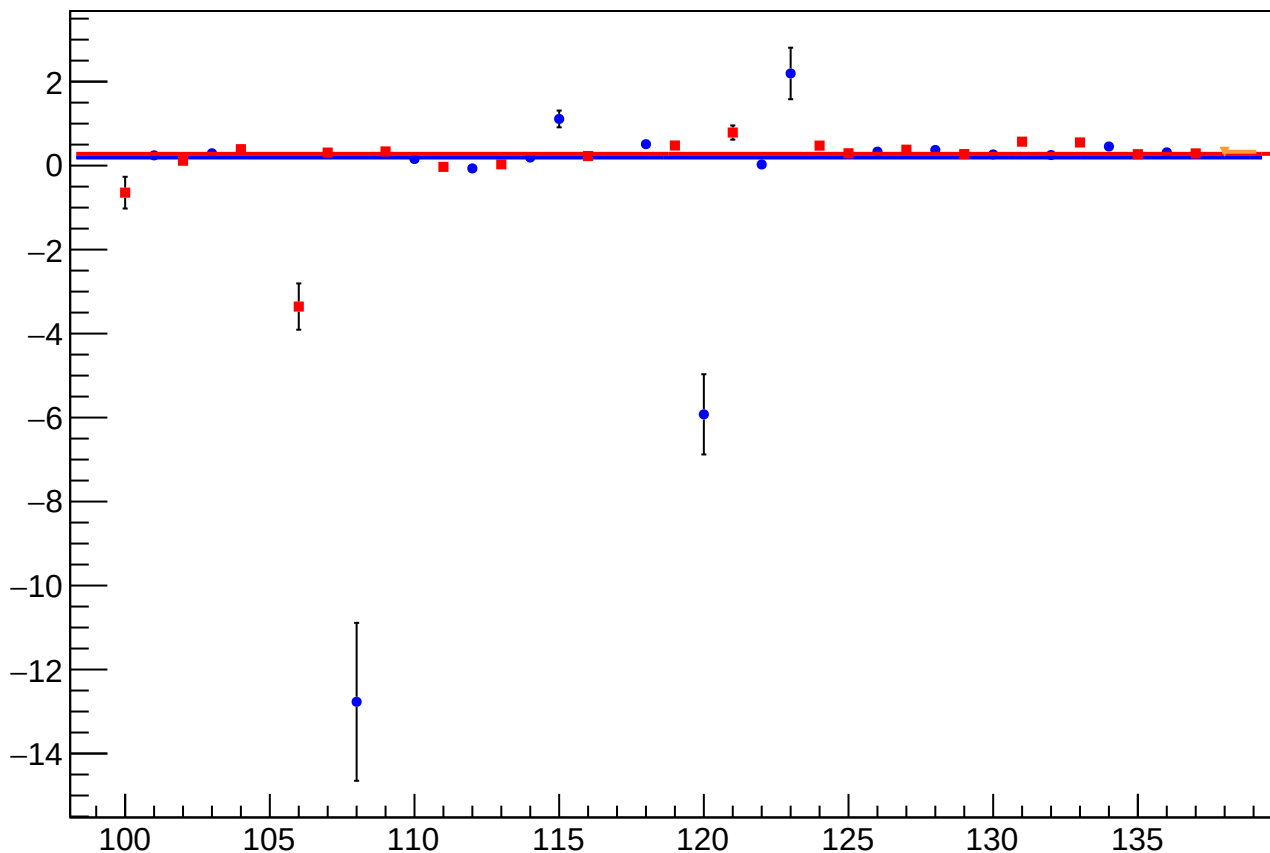
Right: -0.287 ± 0.000 χ^2/NDF : 150060.6/35

In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Out: -5.896 ± 0.027 χ^2/NDF : 63533.0/19

All: -0.287 ± 0.000 χ^2/NDF : 150584.5/36

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.330+/-0.002 χ^2/NDF :0.0/0

Right Out: 0.280+/-0.001 χ^2/NDF : 6059.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.330+/-0.002 χ^2/NDF : 0.0/0

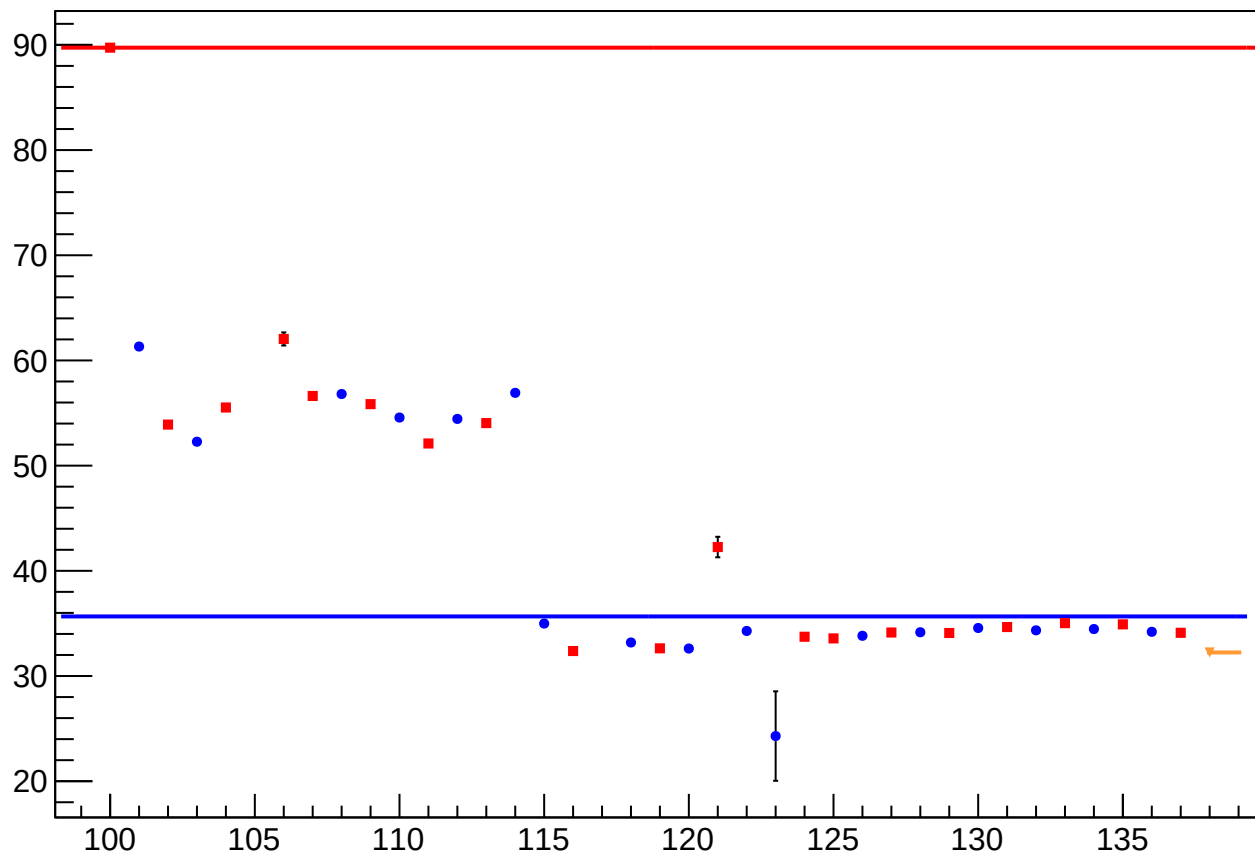
Right: 0.193+/-0.000 χ^2/NDF : 19578.7/35

In: 0.193+/-0.000 χ^2/NDF :10027.5/16

Out: 0.302+/-0.001 χ^2/NDF :6538.6/19

All: 0.193+/-0.000 χ^2/NDF : 26095.9/36

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF : 218662.5/16

Left Out: 32.241+/-0.024 χ^2/NDF : 0.0/0

Right Out: 89.735+/-0.000 χ^2/NDF : 25801560.6/18

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

Left: 32.241+/-0.024 χ^2/NDF : 0.0/0

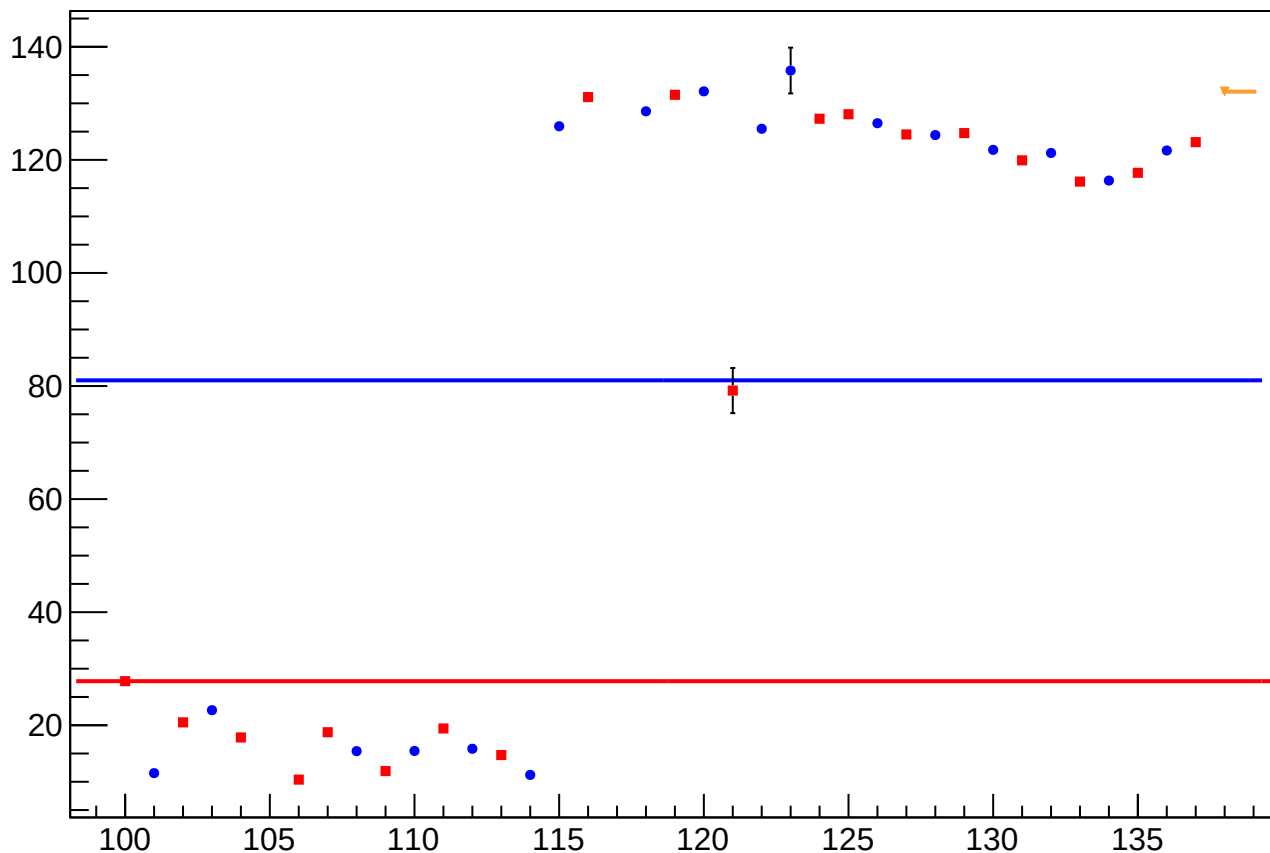
Right: 89.735+/-0.000 χ^2/NDF : 48650023.7/35

In: 35.664+/-0.011 χ^2/NDF : 218662.5/16

Out: 89.735+/-0.000 χ^2/NDF : 31394887.4/19

All: 89.735+/-0.000 χ^2/NDF : 54243350.5/36

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF : 2228881.4/16

Left Out: 132.079+/-0.073 χ^2/NDF : 0.0/0

Right Out: 27.798+/-0.000 χ^2/NDF : 9183707.8/18

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

Left: 132.079+/-0.073 χ^2/NDF : 0.0/0

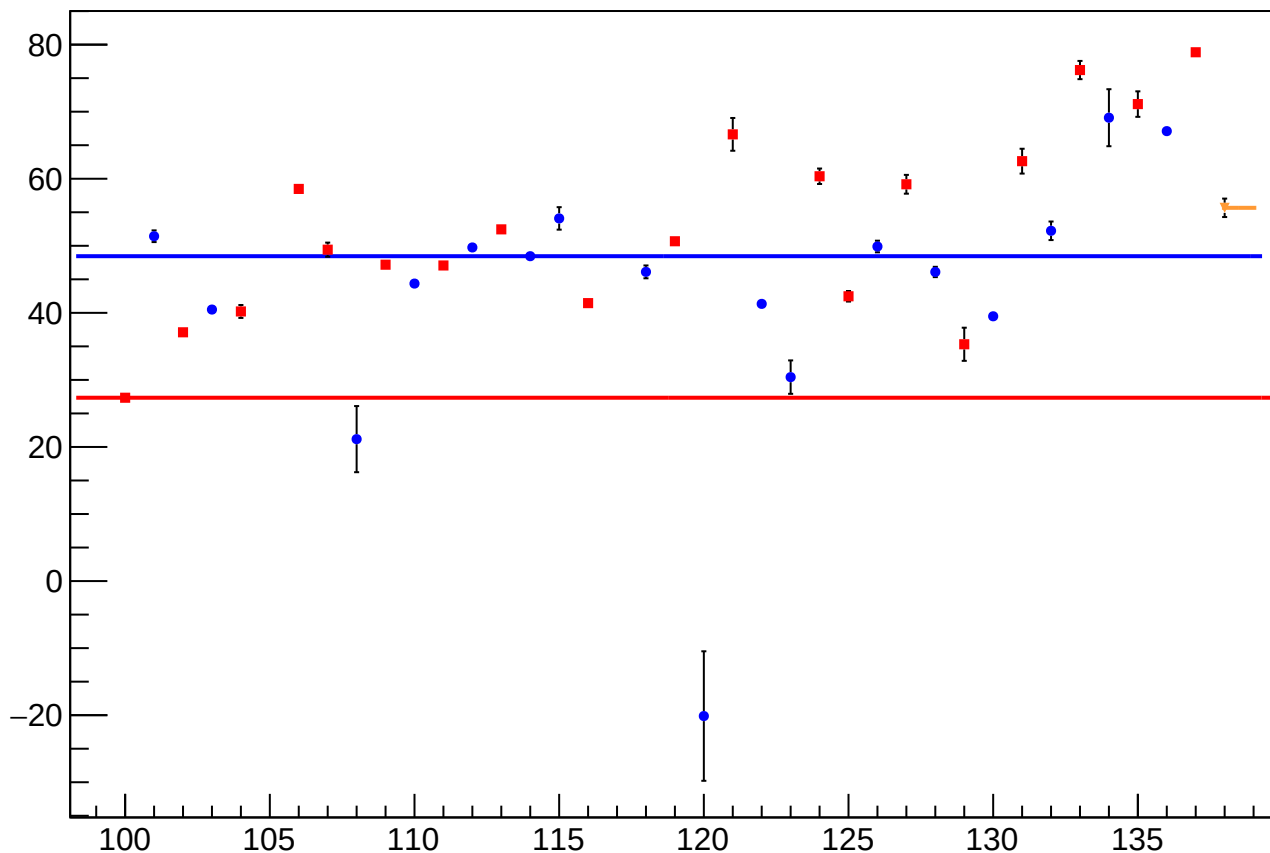
Right: 27.798+/-0.000 χ^2/NDF : 13786729.0/35

In: 81.005+/-0.035 χ^2/NDF : 2228881.4/16

Out: 27.798+/-0.000 χ^2/NDF : 11220106.7/19

All: 27.798+/-0.000 χ^2/NDF : 15823127.9/36

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 55.663+/-1.375 χ^2/NDF :0.0/0

Right Out: 27.342+/-0.000 χ^2/NDF : 25810.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 55.663+/-1.375 χ^2/NDF : 0.0/0

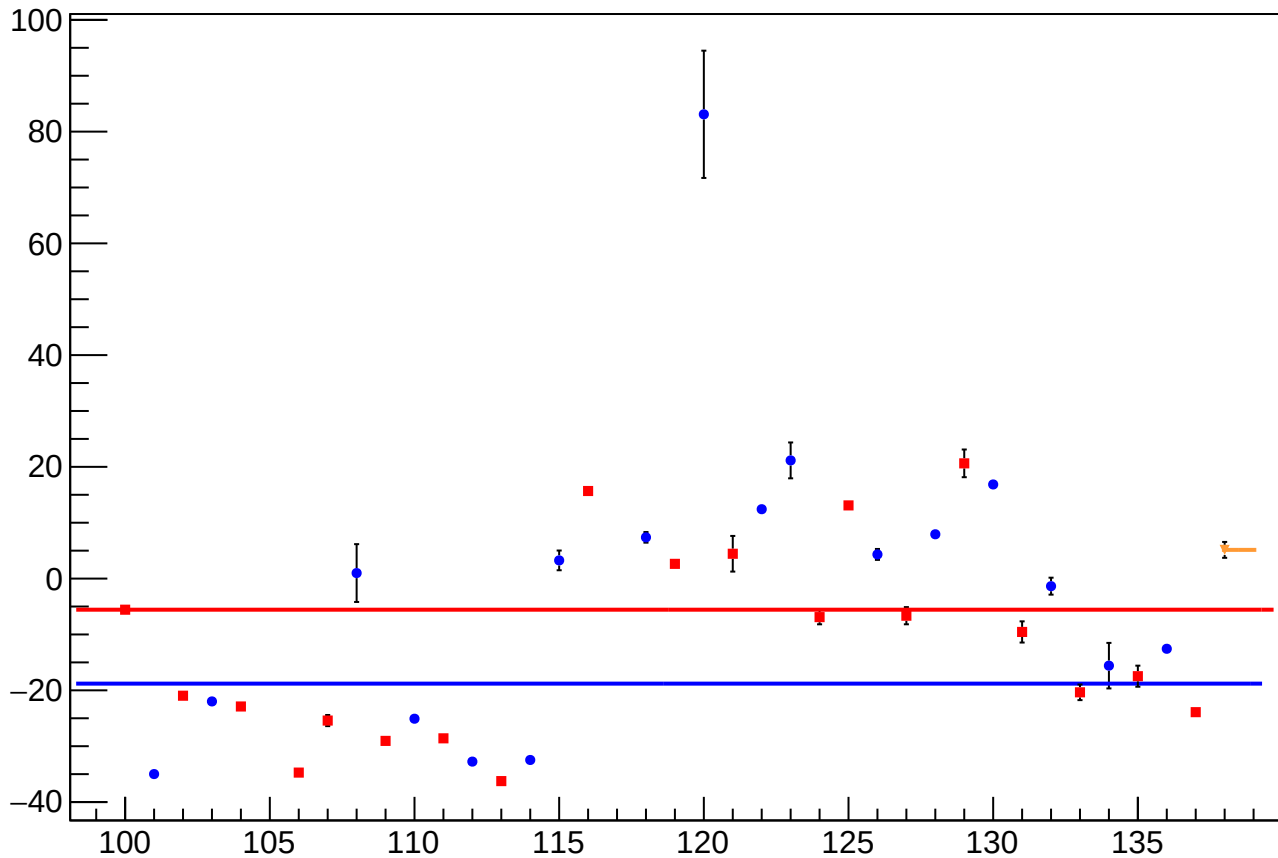
Right: 28.365+/-0.000 χ^2/NDF : 1026290104888328

In: 48.450+/-0.000 χ^2/NDF :2751.4/16

Out: 27.342+/-0.000 χ^2/NDF :26234.5/19

All: 28.365+/-0.000 χ^2/NDF : 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: 5.139 ± 1.421 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

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

Left: 5.139 ± 1.421 $\chi^2/\text{NDF}: 0.0/0$

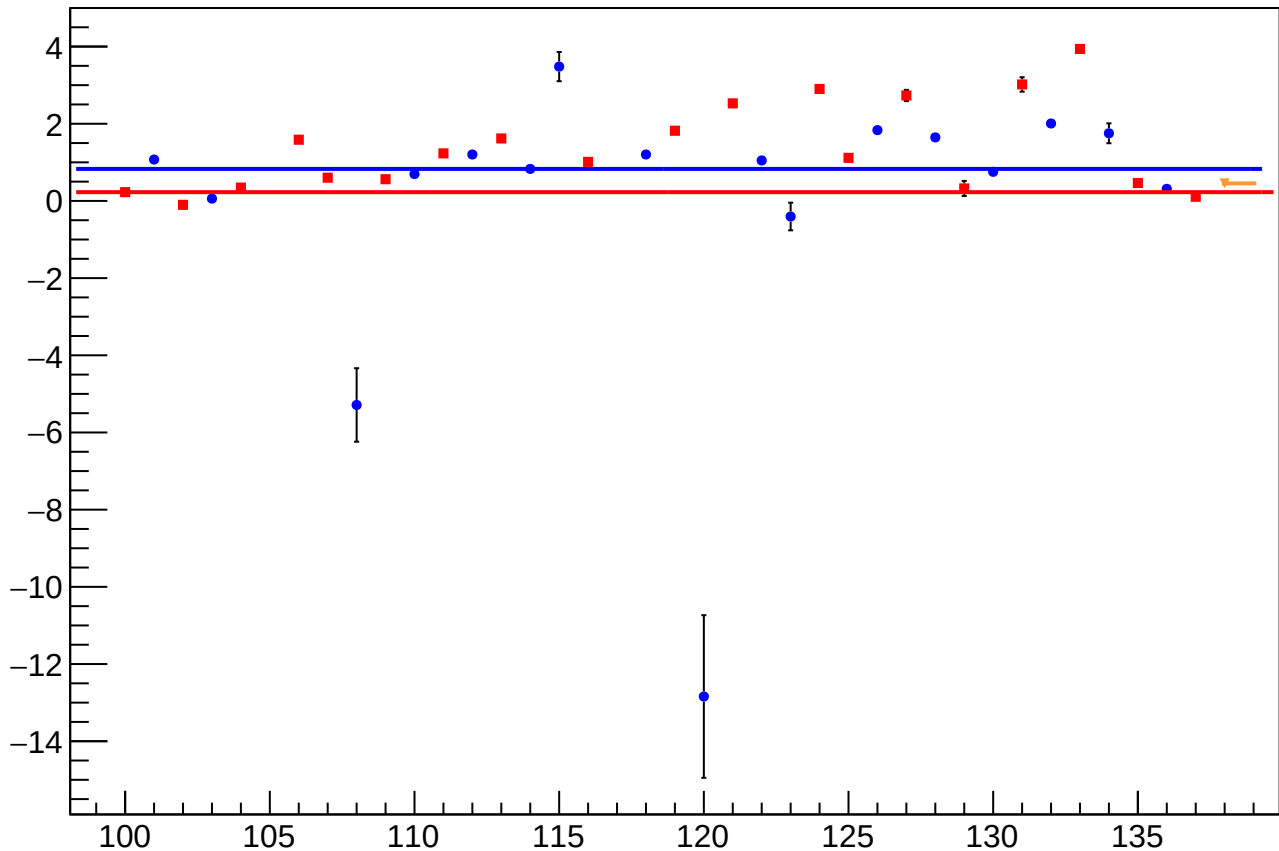
Right: -5.568 ± 0.000 $\chi^2/\text{NDF}: 42808.5/35$

In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23154.1/19$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 42865.3/36$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830 $\pm$ 0.000 χ^2 /NDF: 14882.7/16

Left Out: 0.455 $\pm$ 0.008 χ^2 /NDF:0.0/0

Right Out: 0.227 $\pm$ 0.000 χ^2 /NDF: 11819.9/18

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

Left: 0.455 $\pm$ 0.008 χ^2 /NDF: 0.0/0

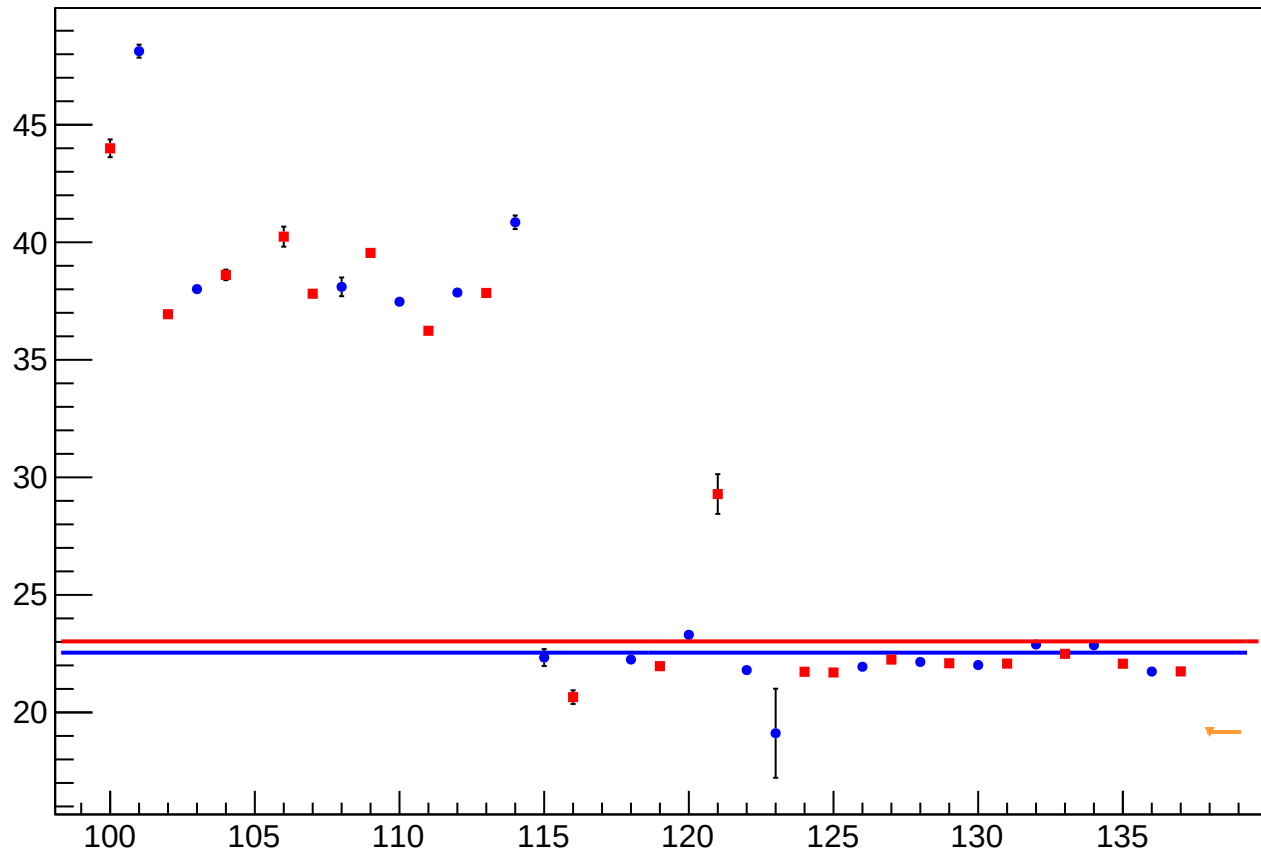
Right: 0.289 $\pm$ 0.000 χ^2 /NDF: 29066082561457147

In: 0.830 $\pm$ 0.000 χ^2 /NDF:14882.7/16

Out: 0.227 $\pm$ 0.000 χ^2 /NDF:12553.3/19

All: 0.289 $\pm$ 0.000 χ^2 /NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543+/-0.009 χ^2/NDF : 105452.8/16

Left Out: 19.167+/-0.036 χ^2/NDF :0.0/0

Right Out: 23.023+/-0.009 χ^2/NDF : 165838.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 19.167+/-0.036 χ^2/NDF : 0.0/0

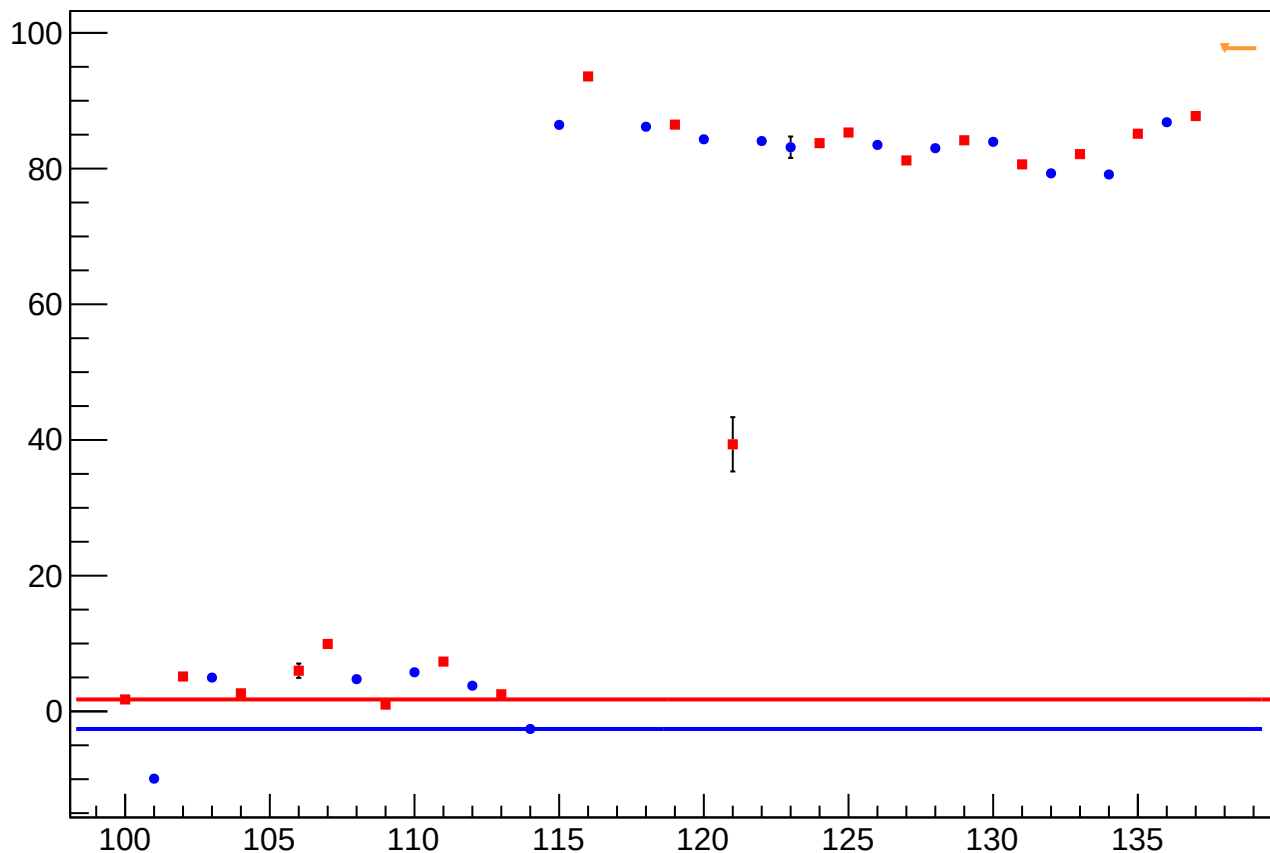
Right: 22.790+/-0.006 χ^2/NDF : 272655.1/35

In: 22.543+/-0.009 χ^2/NDF :105452.8/16

Out: 22.799+/-0.009 χ^2/NDF :176375.3/19

All: 22.679+/-0.006 χ^2/NDF : 282227.9/36

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 97.749+/-0.074 χ^2/NDF :0.0/0

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 97.749+/-0.074 χ^2/NDF : 0.0/0

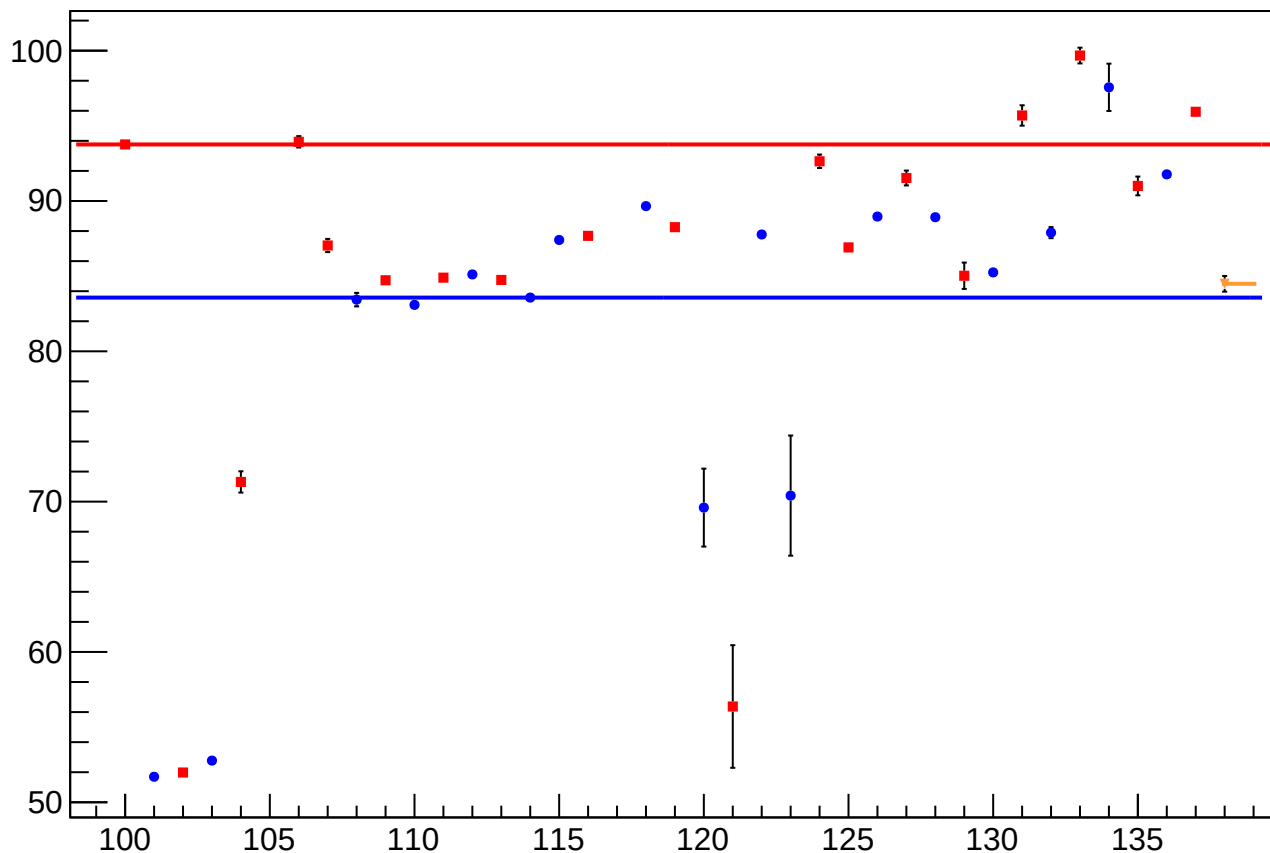
Right: -1.059+/-0.000 χ^2/NDF : 3731791751577379

In: -2.596+/-0.000 χ^2/NDF :7395182.7/16

Out: 1.758+/-0.000 χ^2/NDF :5918112.2/19

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: 84.491+/-0.522 χ^2/NDF : 0.0/0

Right Out: 93.762+/-0.000 χ^2/NDF : 82848.8/18

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

Left: 84.491+/-0.522 χ^2/NDF : 0.0/0

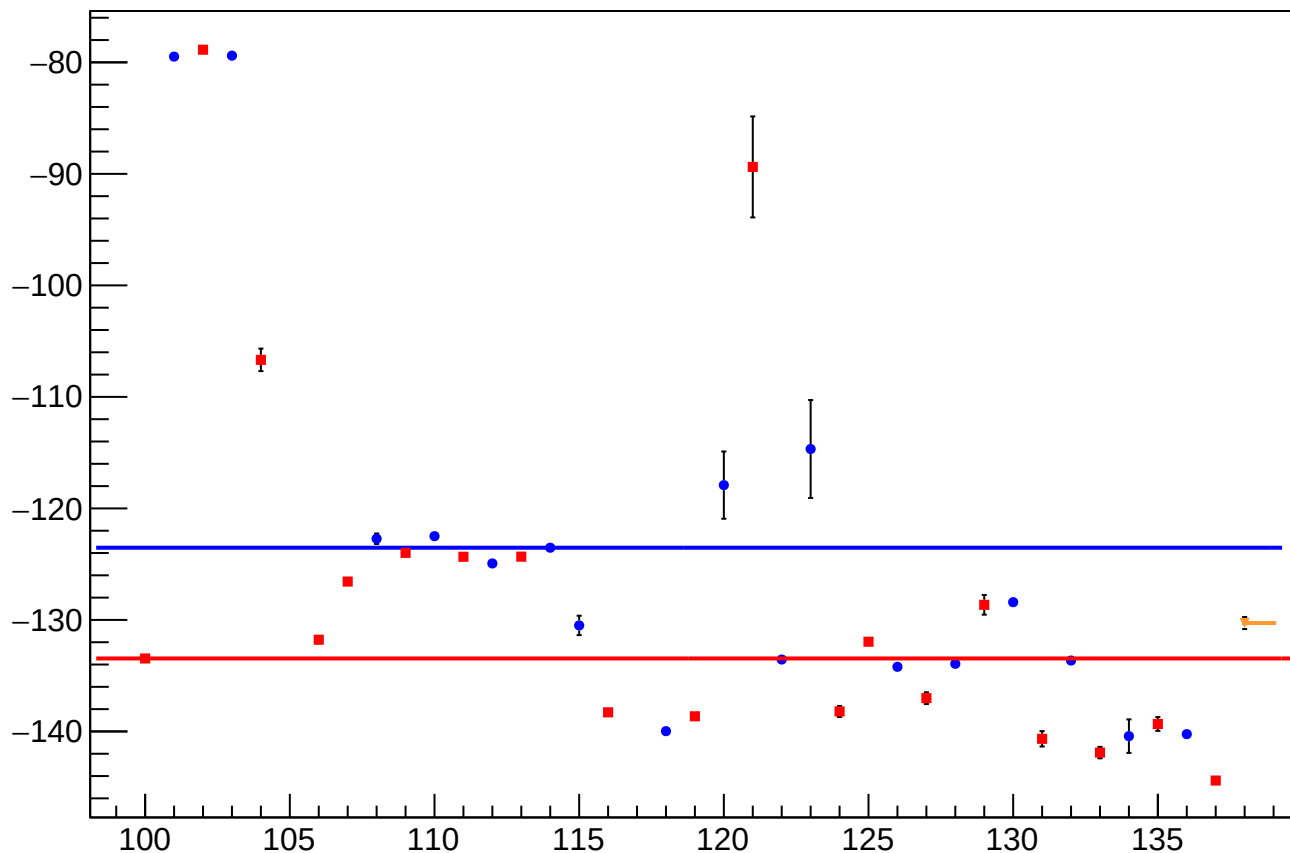
Right: 87.169+/-0.000 χ^2/NDF : 1995684404141260

In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Out: 93.762+/-0.000 χ^2/NDF : 83164.5/19

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: -130.279+/-0.540 χ^2/NDF : 0.0/0

Right Out: -133.456+/-0.000 χ^2/NDF : 394896.3/18

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

Left: -130.279+/-0.540 χ^2/NDF : 0.0/0

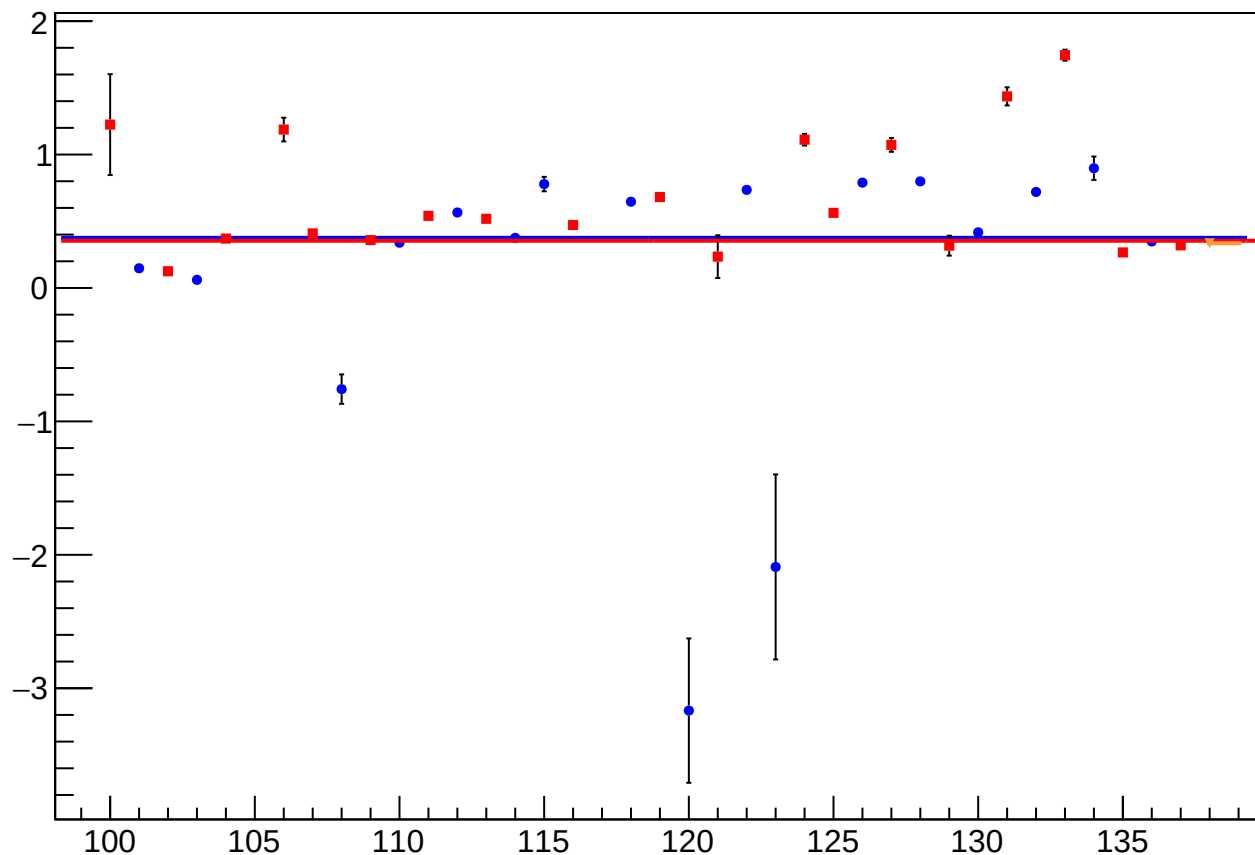
Right: -124.716+/-0.000 χ^2/NDF : 64467869901657

In: -123.524+/-0.000 χ^2/NDF : 160356.5/16

Out: -133.456+/-0.000 χ^2/NDF : 394930.9/19

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: 0.335 $\pm$ 0.004 χ^2 /NDF:0.0/0

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

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

Left: 0.335 $\pm$ 0.004 χ^2 /NDF: 0.0/0

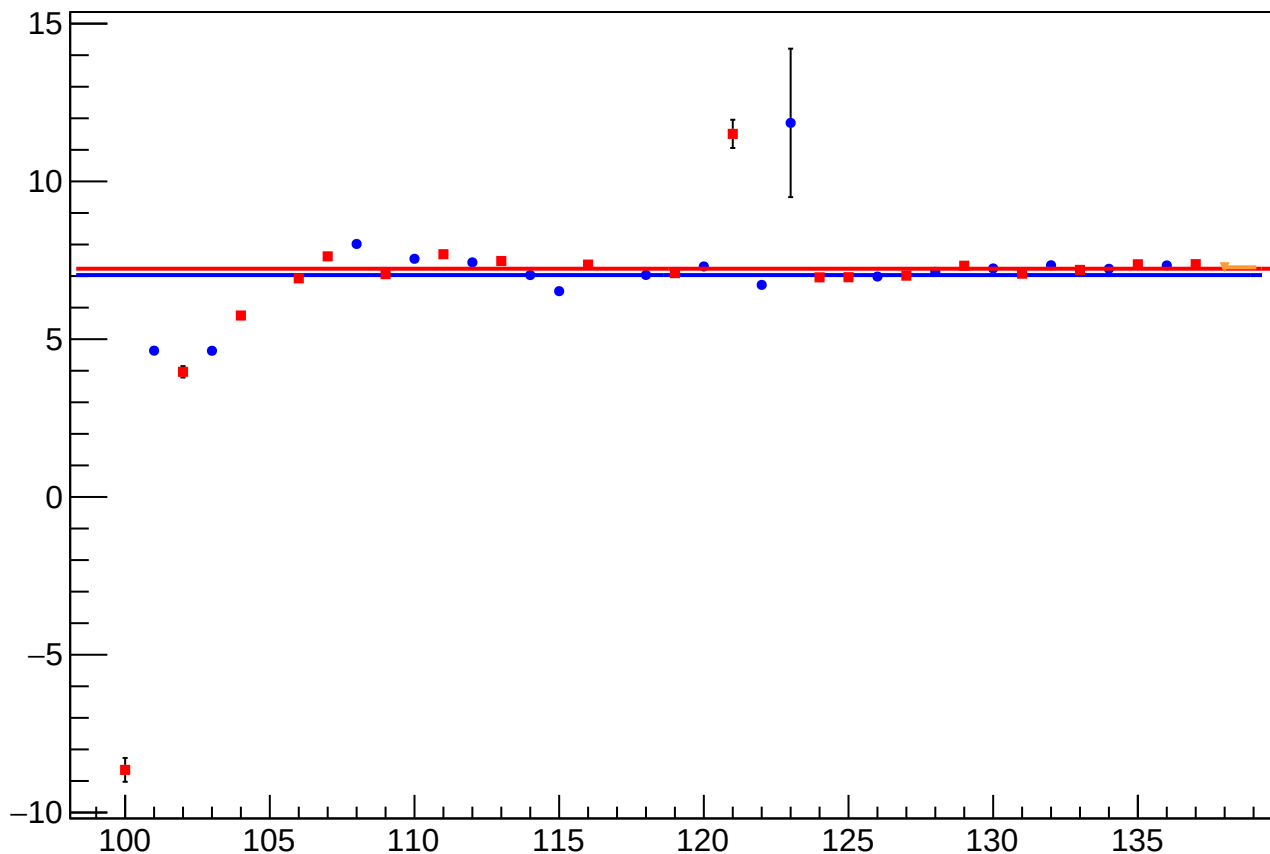
Right: 0.376 $\pm$ 0.000 χ^2 /NDF: 8762.1/35

In: 0.376 $\pm$ 0.000 χ^2 /NDF:3961.7/16

Out: 0.352 $\pm$ 0.001 χ^2 /NDF:4610.6/19

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 8856.4/36

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.279 $\pm$ 0.007 χ^2 /NDF:0.0/0

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

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

Left: 7.279 $\pm$ 0.007 χ^2 /NDF: 0.0/0

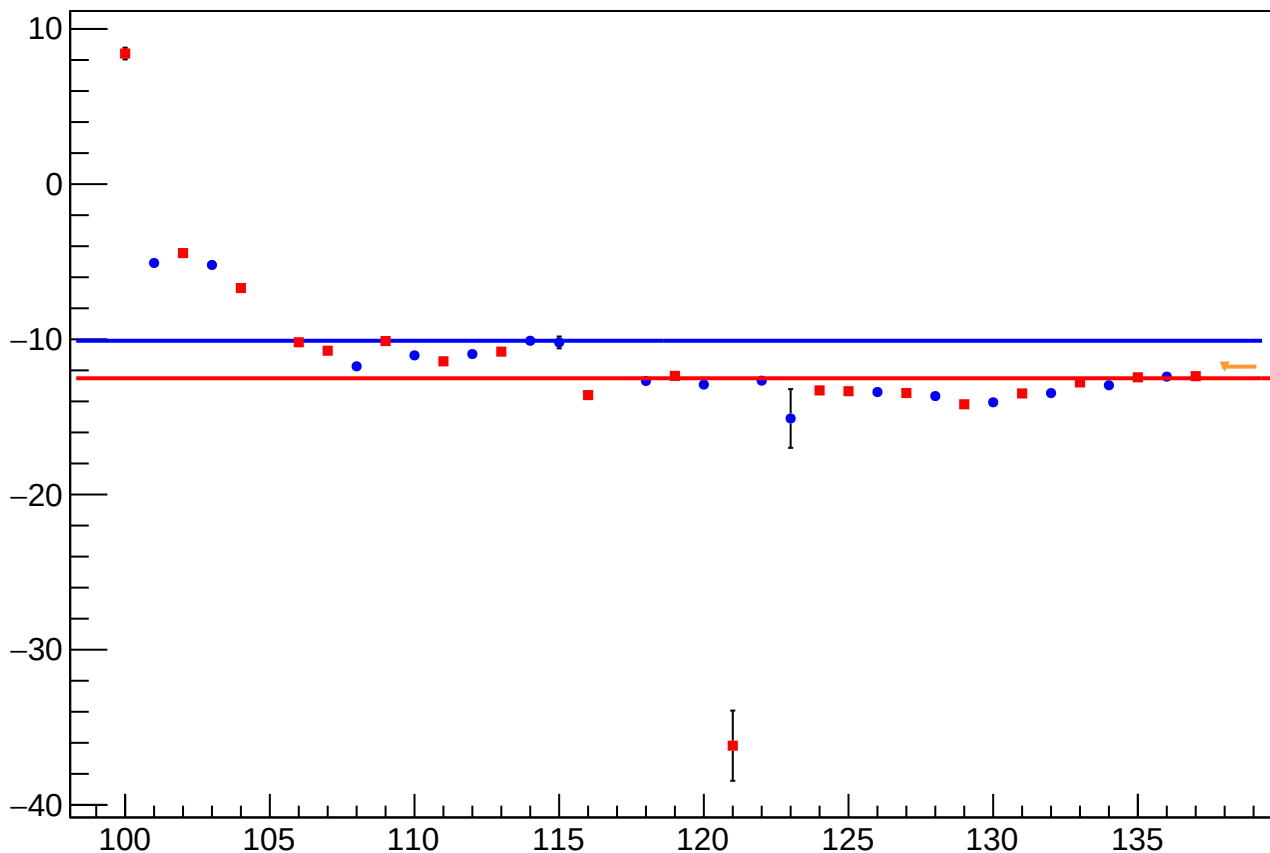
Right: 7.032 $\pm$ 0.000 χ^2 /NDF: 36990.7/35

In: 7.032 $\pm$ 0.000 χ^2 /NDF:19770.1/16

Out: 7.238 $\pm$ 0.002 χ^2 /NDF:10101.8/19

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 38294.9/36

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 $\pm$ 0.000 χ^2 /NDF: 543504.2/16

Left Out: -11.760 $\pm$ 0.019 χ^2 /NDF:0.0/0

Right Out: -12.509 $\pm$ 0.004 χ^2 /NDF: 103509.4/18

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

Left: -11.760 $\pm$ 0.019 χ^2 /NDF: 0.0/0

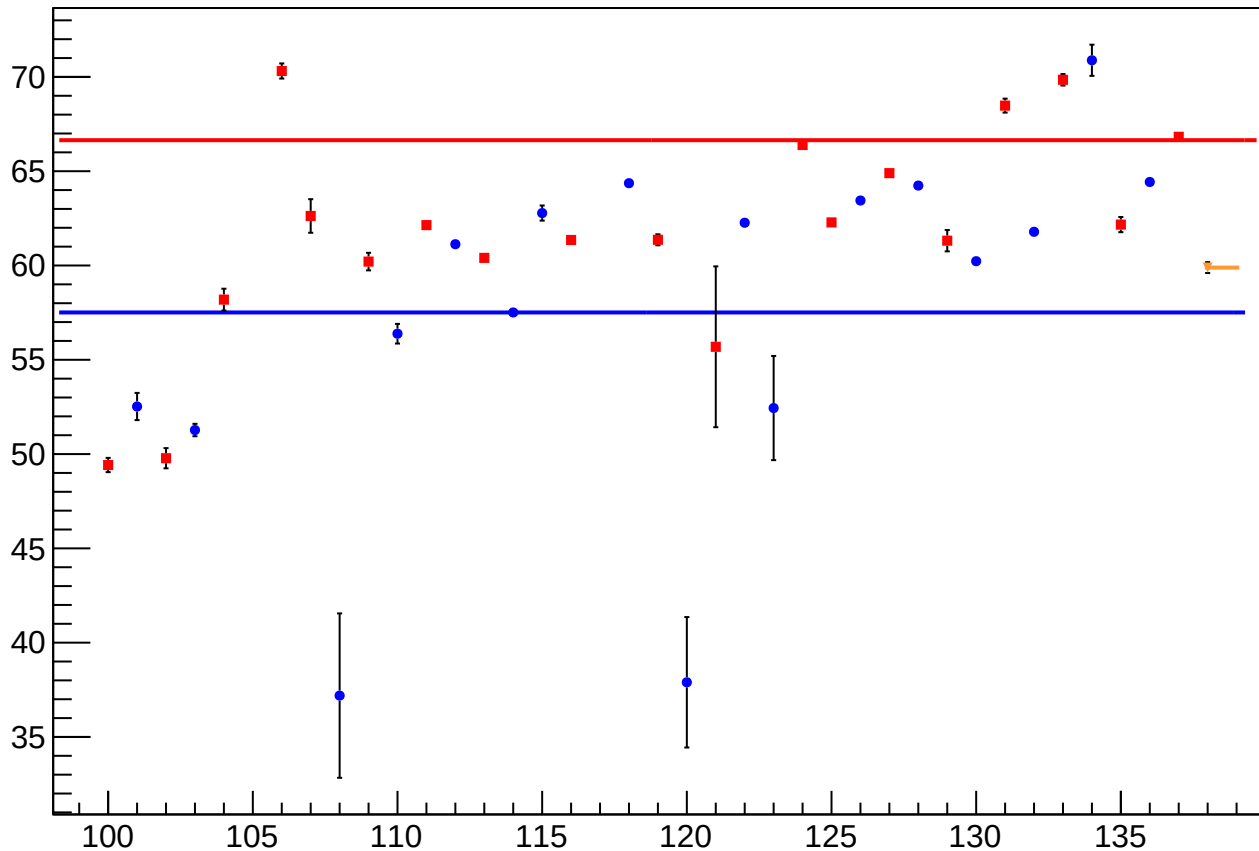
Right: -10.092 $\pm$ 0.000 χ^2 /NDF: 1062248.5/35

In: -10.092 $\pm$ 0.000 χ^2 /NDF:543504.2/16

Out: -12.480 $\pm$ 0.004 χ^2 /NDF:105035.3/19

All: -10.092 $\pm$ 0.000 χ^2 /NDF: 1070126.4/36

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 59.889 $\pm$ 0.289 χ^2 /NDF:0.0/0

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

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

Left: 59.889 $\pm$ 0.289 χ^2 /NDF: 0.0/0

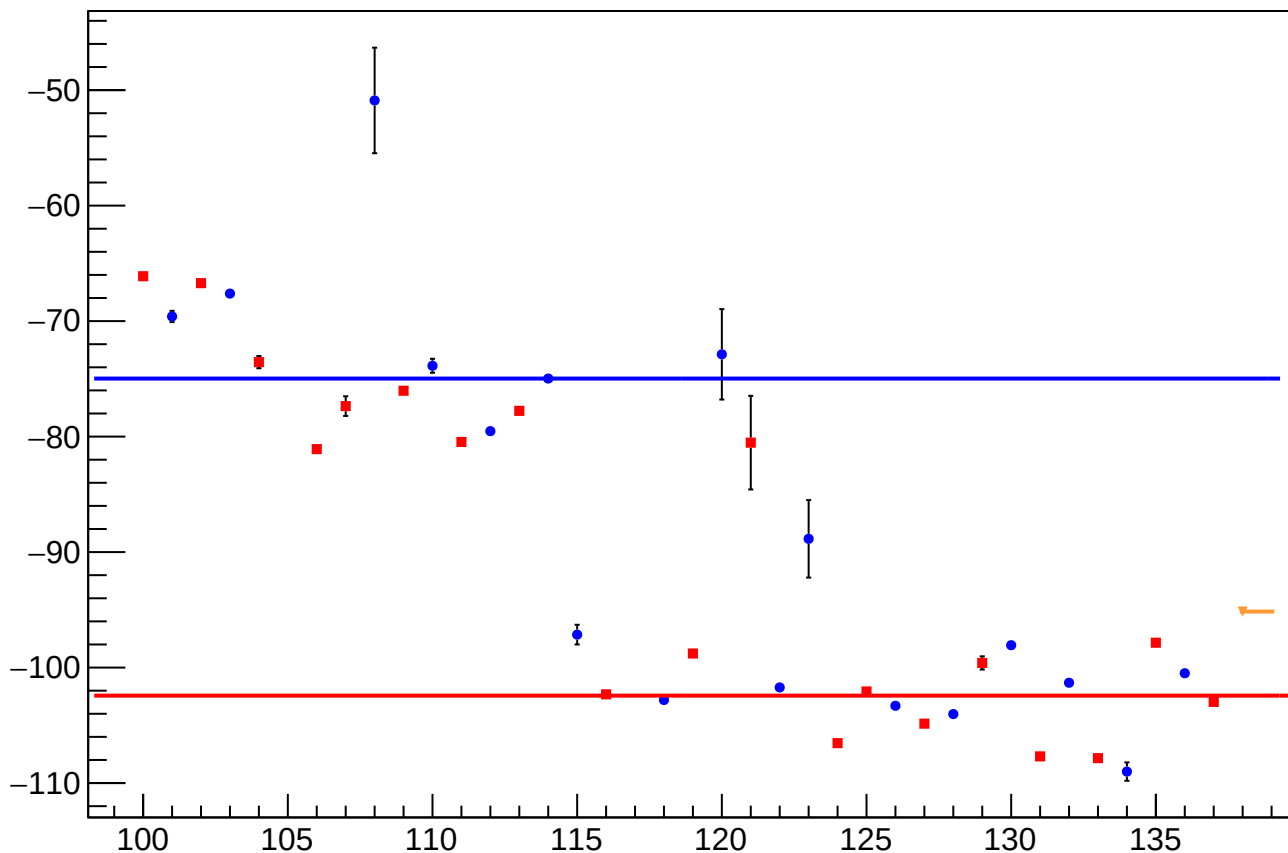
Right: 57.510 $\pm$ 0.000 χ^2 /NDF: 504438.3/35

In: 57.510 $\pm$ 0.000 χ^2 /NDF:8108.6/16

Out: 66.631 $\pm$ 0.013 χ^2 /NDF:8710.7/19

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 504506.3/36

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 130544.0/16

Left Out: -95.149 $\pm$ 0.300 χ^2 /NDF:0.0/0

Right Out: -102.430 $\pm$ 0.018 χ^2 /NDF: 50377.5/18

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

Left: -95.149 $\pm$ 0.300 χ^2 /NDF: 0.0/0

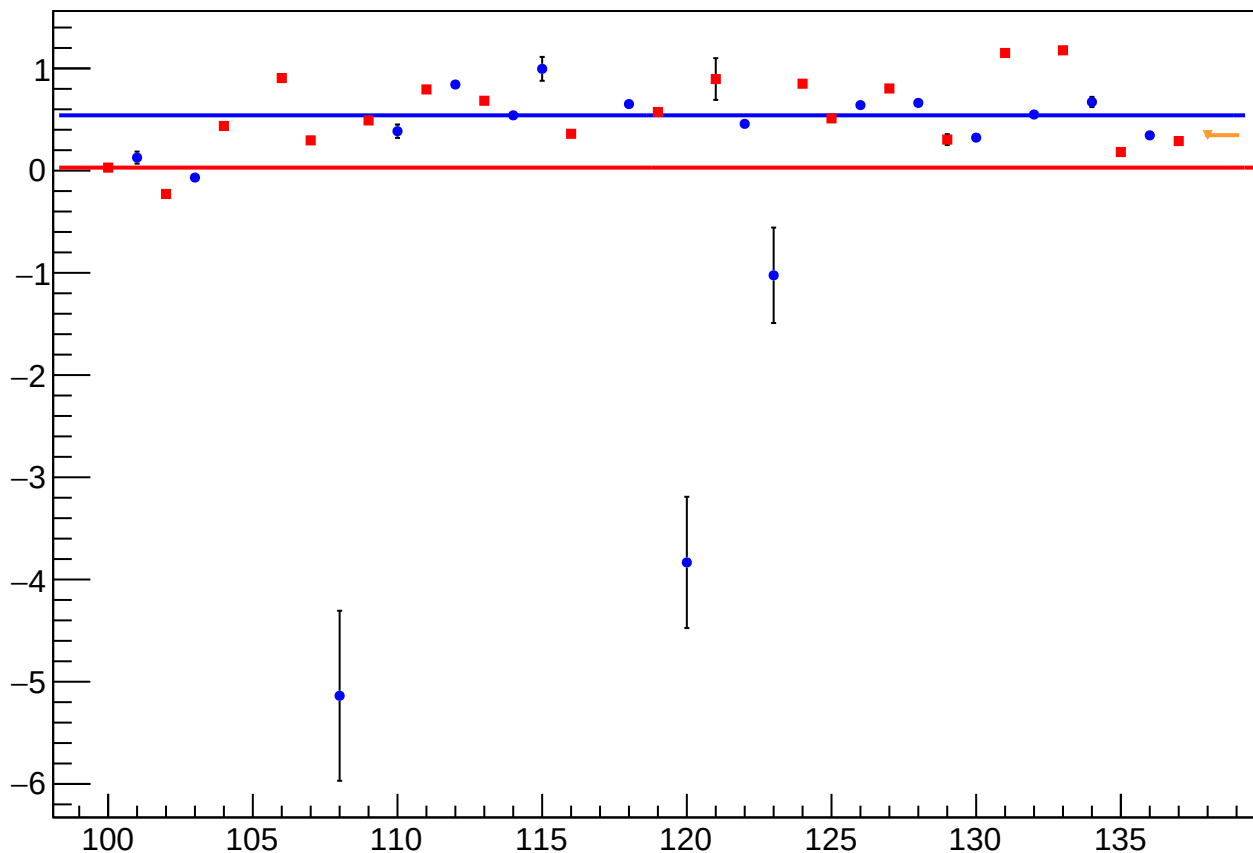
Right: -74.974 $\pm$ 0.000 χ^2 /NDF: 2556524.2/35

In: -74.974 $\pm$ 0.000 χ^2 /NDF:130544.0/16

Out: -102.405 $\pm$ 0.018 χ^2 /NDF:50962.8/19

All: -74.974 $\pm$ 0.000 χ^2 /NDF: 2561034.2/36

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF : 29180.5/16

Left Out: 0.347+/-0.003 χ^2/NDF :0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 121659.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.347+/-0.003 χ^2/NDF : 0.0/0

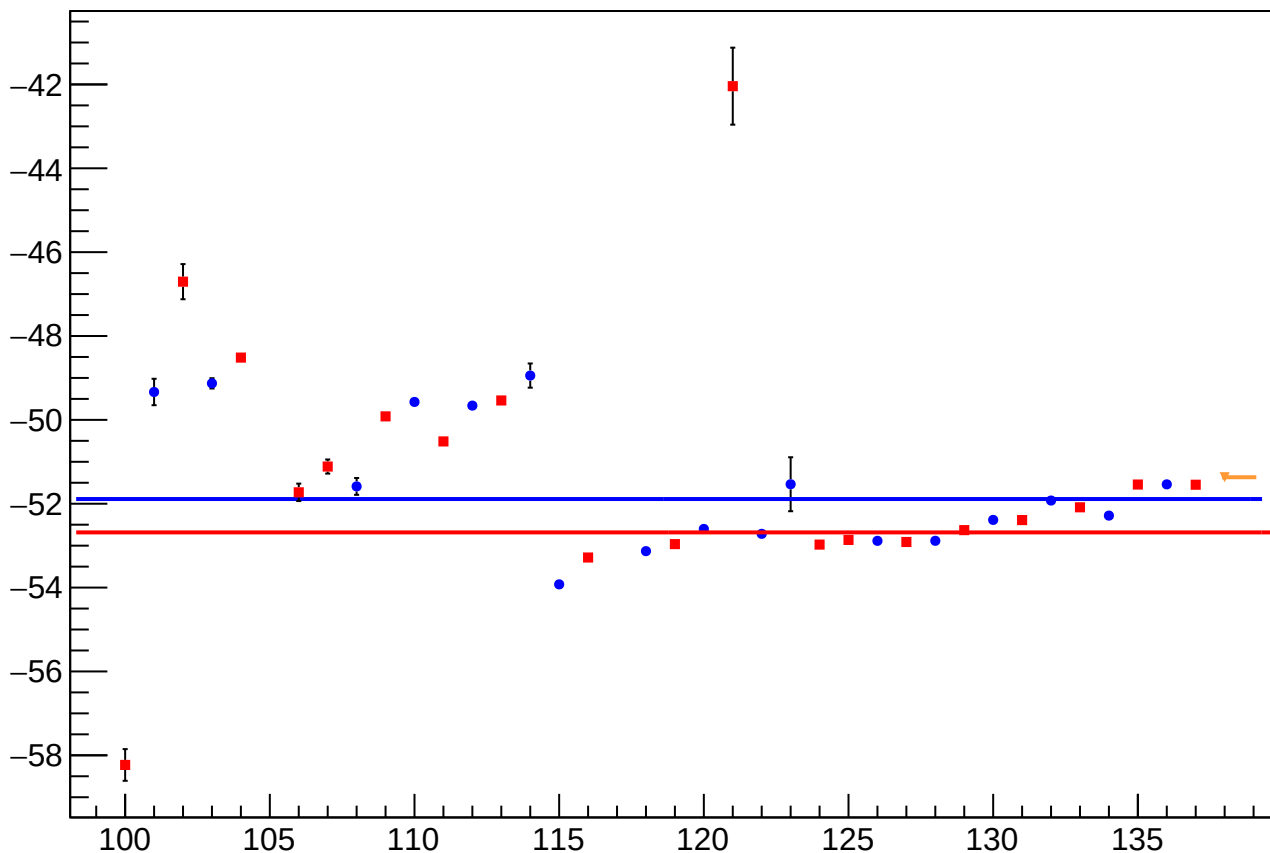
Right: 0.030+/-0.000 χ^2/NDF : 23314297700963382

In: 0.541+/-0.000 χ^2/NDF :29180.5/16

Out: 0.030+/-0.000 χ^2/NDF :133526.6/19

All: 0.030+/-0.000 χ^2/NDF : 23314297700963

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -51.369 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Right Out: -52.684 $\pm$ 0.003 χ^2 /NDF: 56125.8/18

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

Left: -51.369 $\pm$ 0.008 χ^2 /NDF: 0.0/0

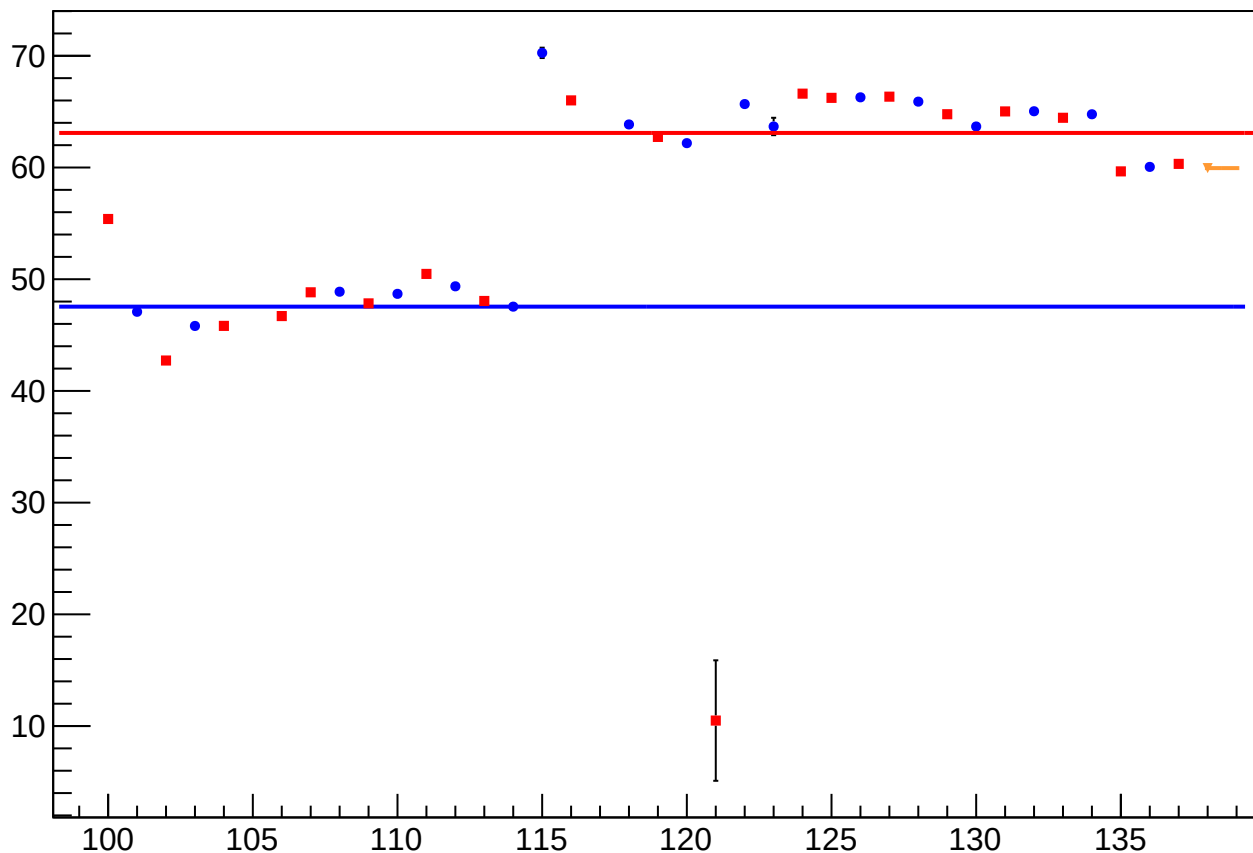
Right: -52.231 $\pm$ 0.002 χ^2 /NDF: 188721.6/35

In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Out: -52.574 $\pm$ 0.002 χ^2 /NDF: 78242.9/19

All: -52.198 $\pm$ 0.002 χ^2 /NDF: 198708.1/36

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Left Out: 59.947+/-0.016 χ^2/NDF : 0.0/0

Right Out: 63.095+/-0.007 χ^2/NDF : 333637.2/18

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

Left: 59.947+/-0.016 χ^2/NDF : 0.0/0

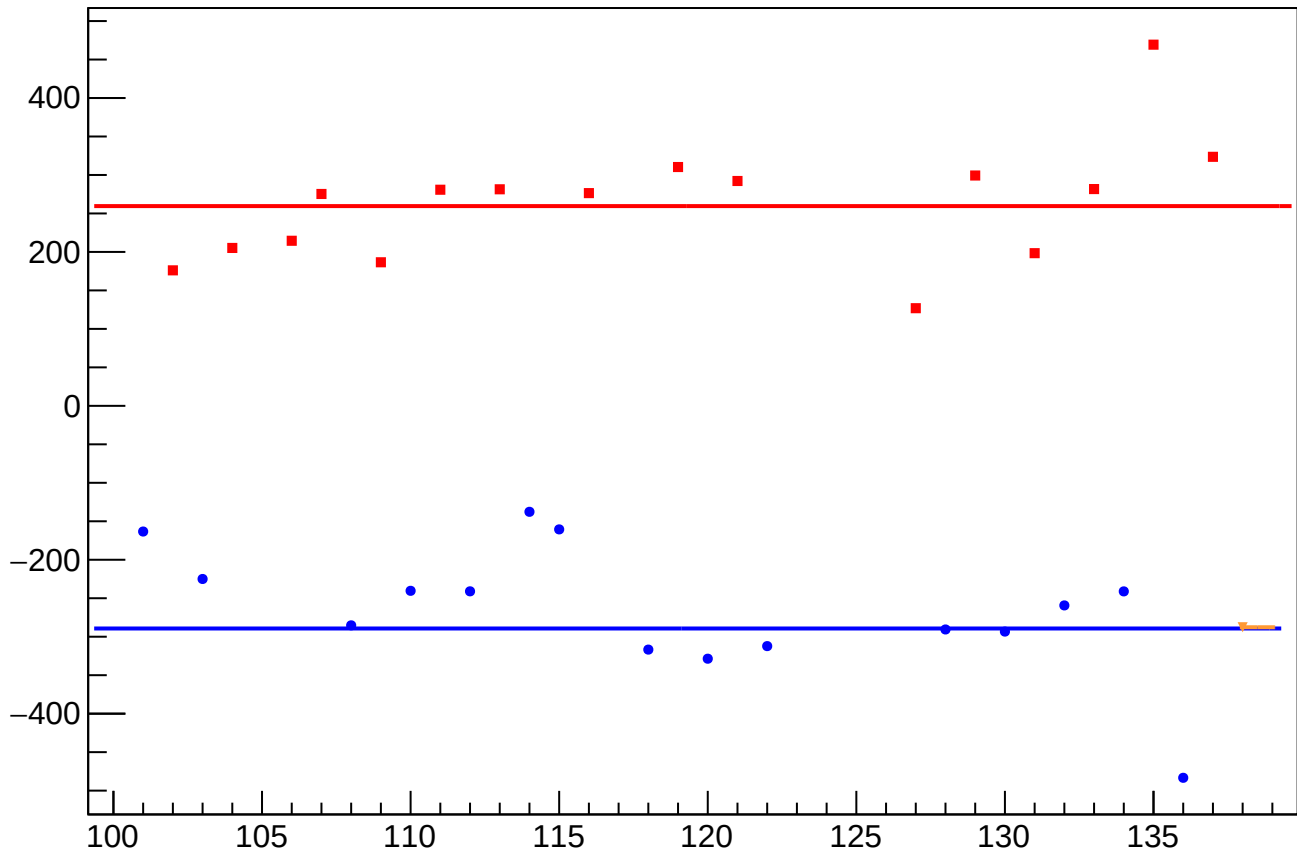
Right: 47.545+/-0.000 χ^2/NDF : 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Out: 62.538+/-0.007 χ^2/NDF : 365064.8/19

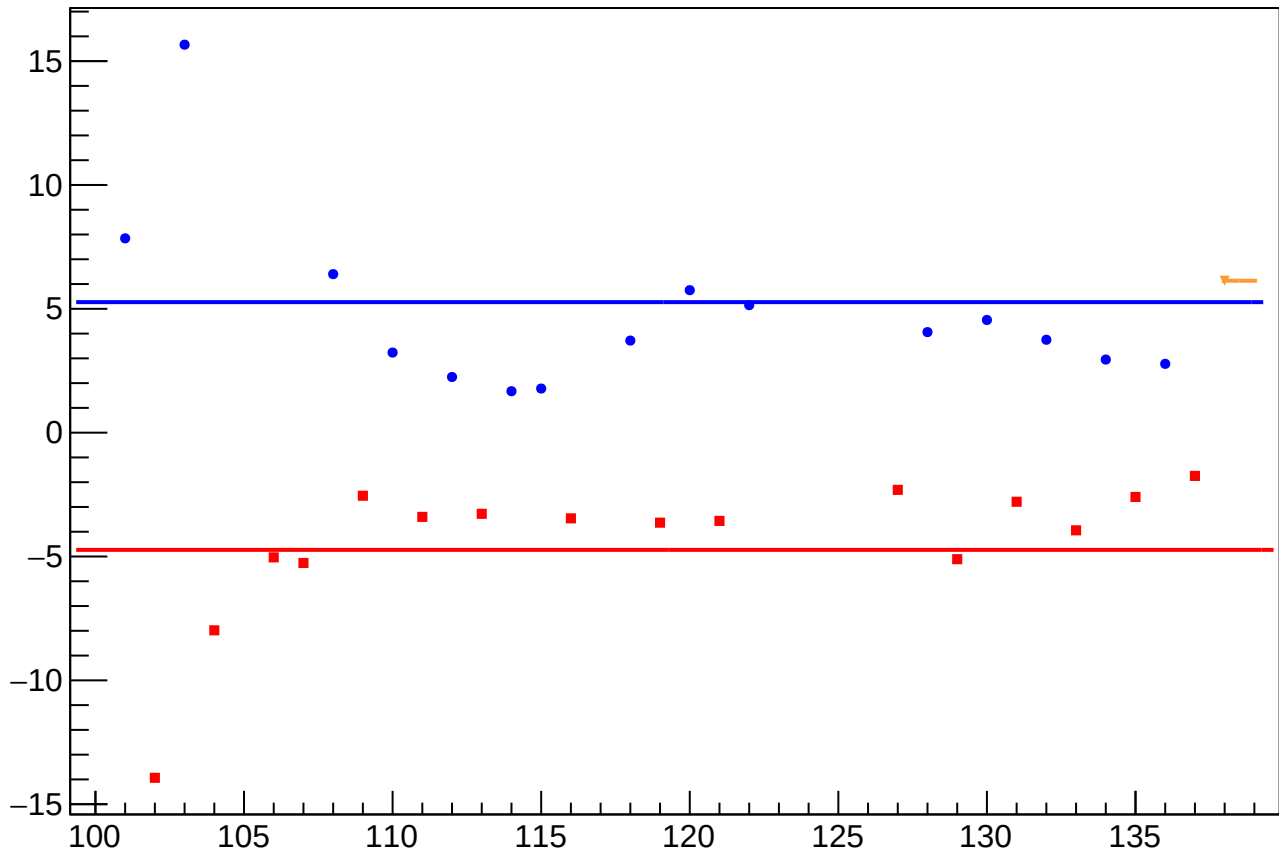
All: 47.545+/-0.000 χ^2/NDF : 8747642.8/36

dit_4aX_coil1_mean vs Slug, Sign Corrected



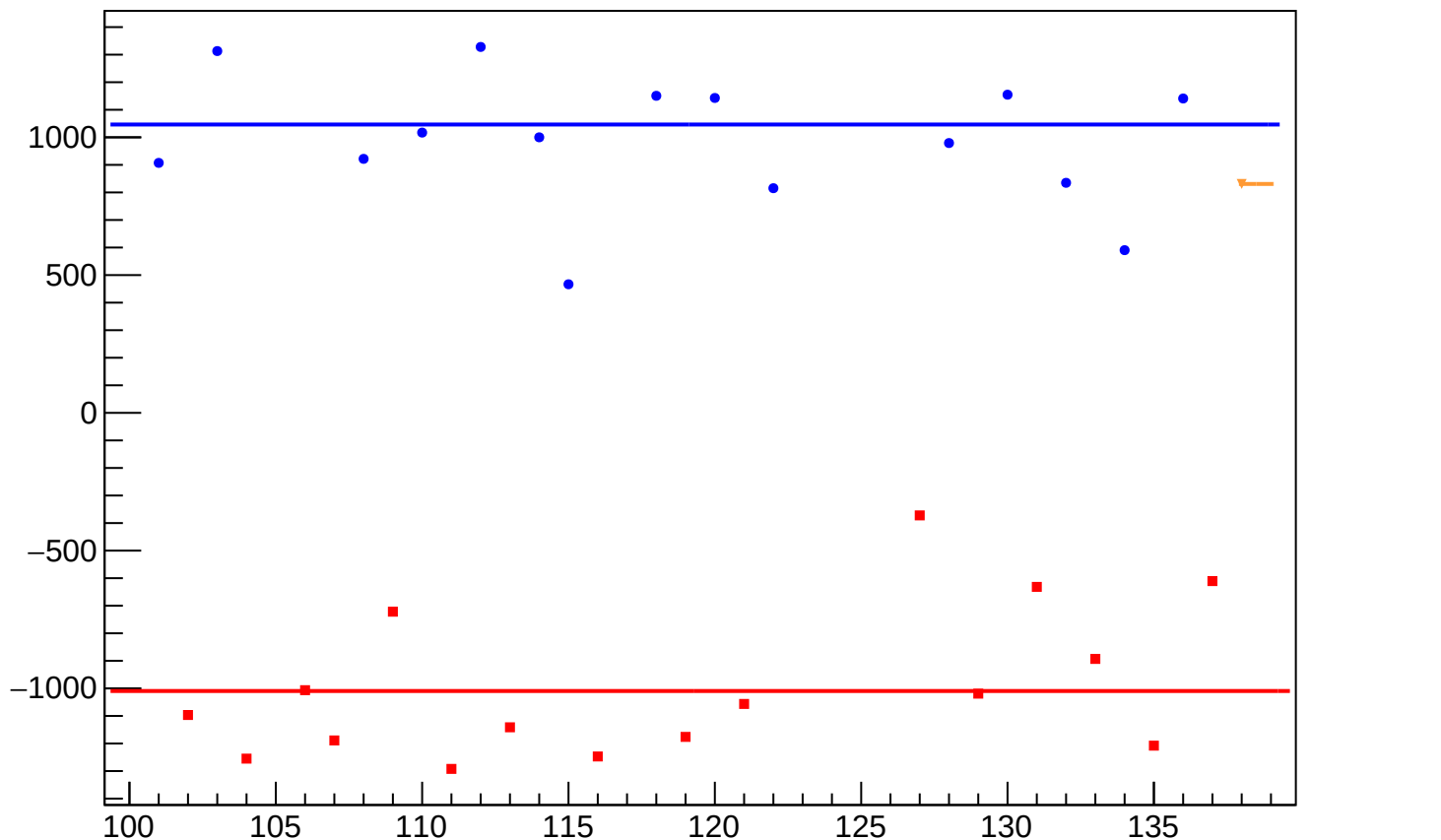
Right In: -289.322 ± 0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14
 Left Out: -287.718 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 259.558 ± 0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -26.605 ± 0.000 χ^2/NDF : 114401753855

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



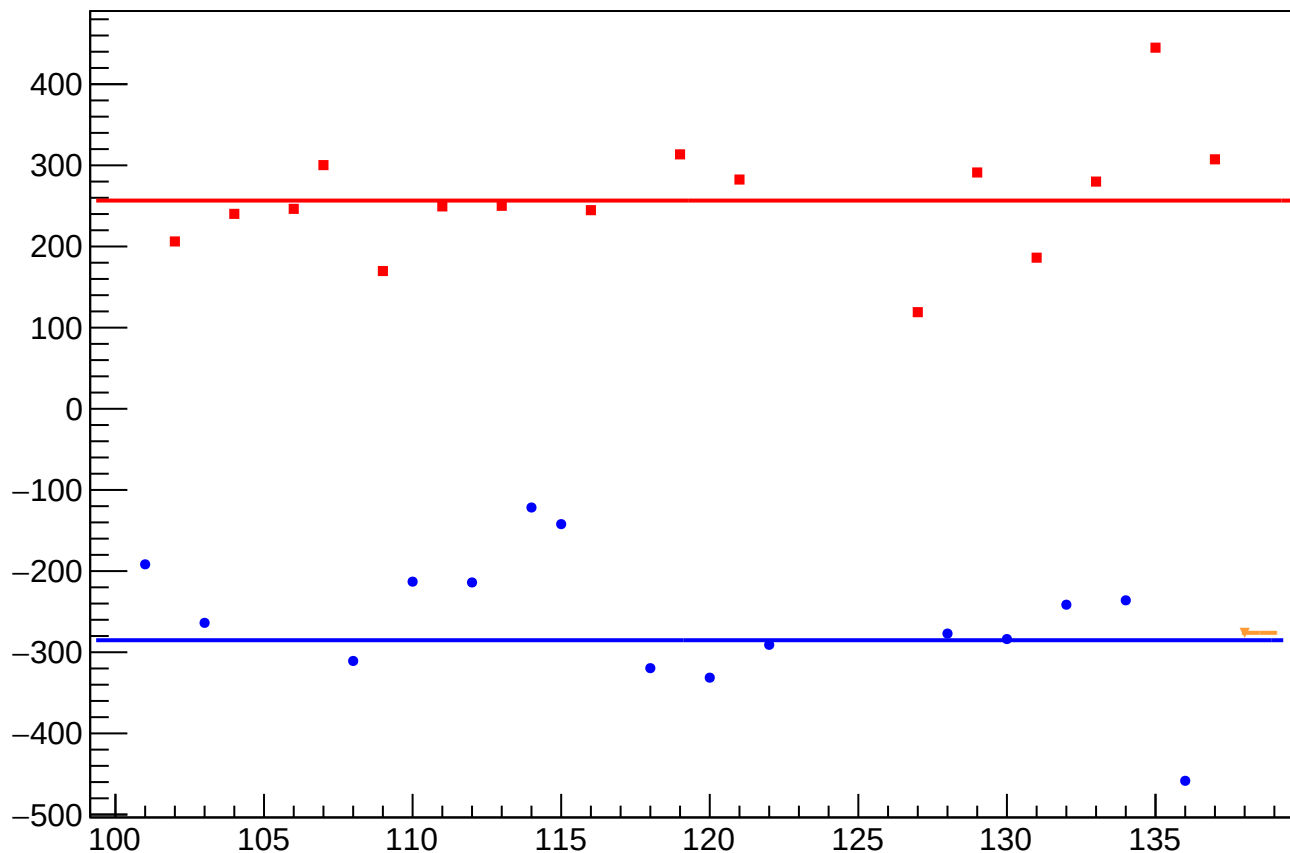
Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14
 Left Out: 6.134+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14
 Out: -3.594+/-0.000 χ^2/NDF : 15101350058622318
 All: 0.533+/-0.000 χ^2/NDF : 51060230199860

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



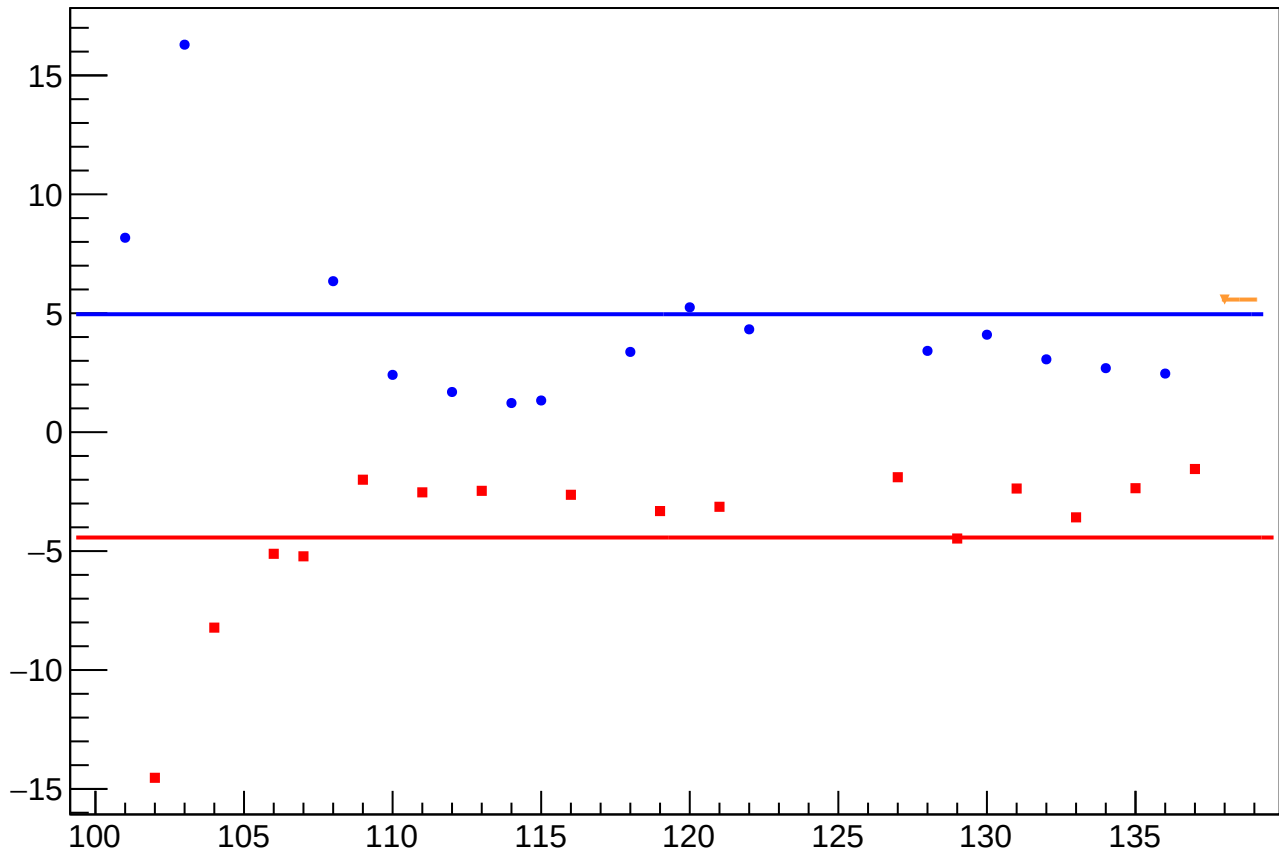
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_4eX_coil1_mean vs Slug, Sign Corrected



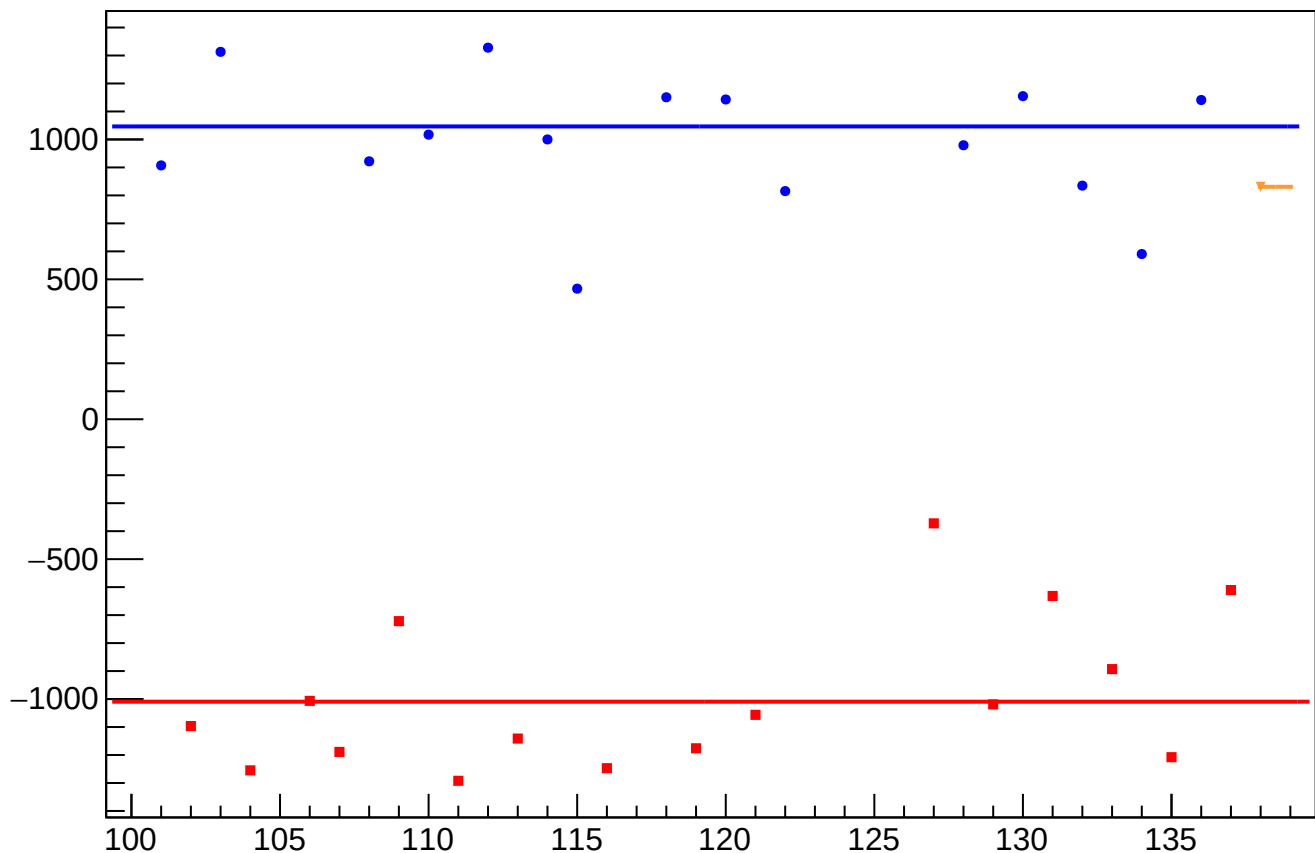
Right In: -285.187 ± 0.000 $\chi^2/\text{NDF}: 4479585262853549838092521921291747328.0/14$
 Left Out: -276.074 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 256.599 ± 0.000 $\chi^2/\text{NDF}: 3648271535971039165952602563191767040.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -25.444 ± 0.000 $\chi^2/\text{NDF}: 109871799652$

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



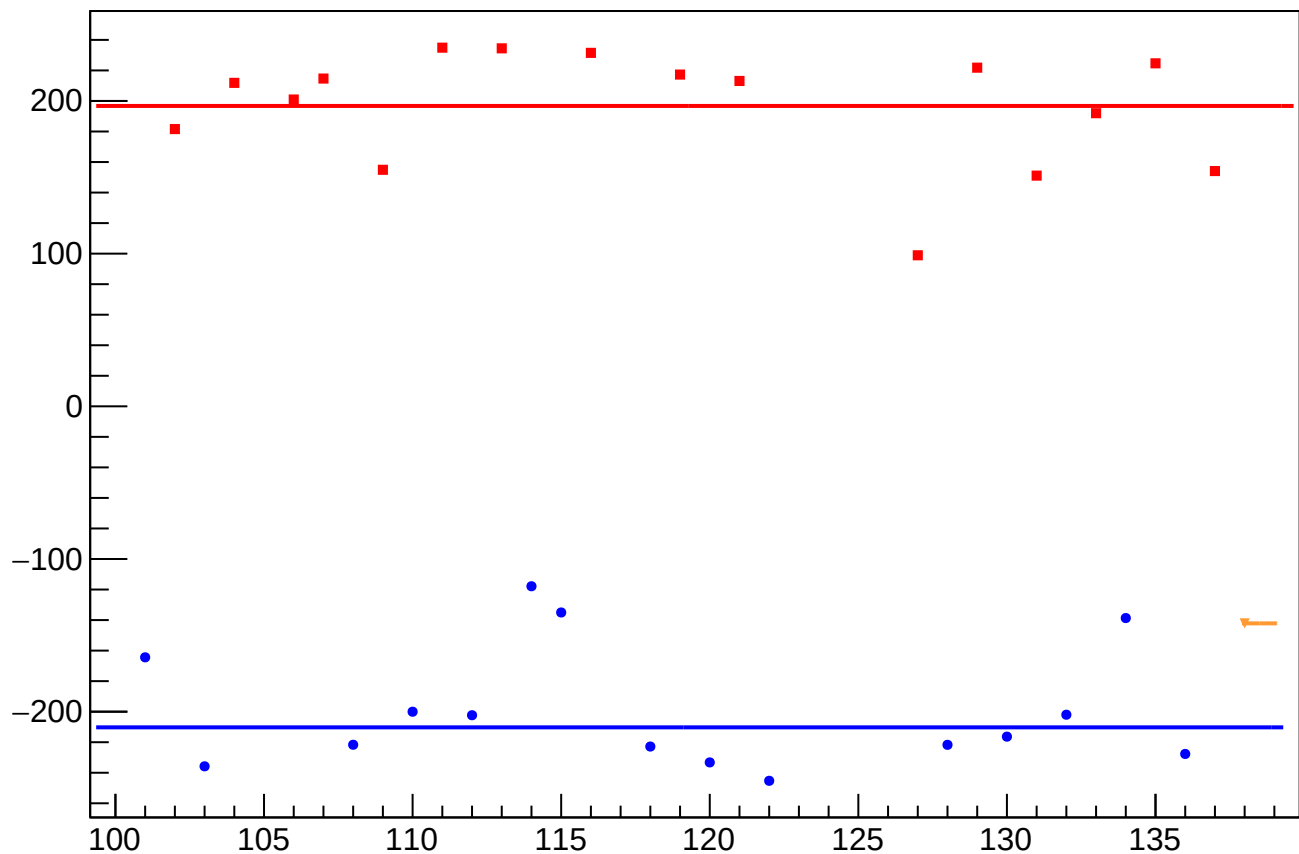
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14
 Left Out: 5.576+/-0.000 χ^2/NDF : 61.5/0
 Right Out: -4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.502+/-0.000 χ^2/NDF : 49953563527797

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



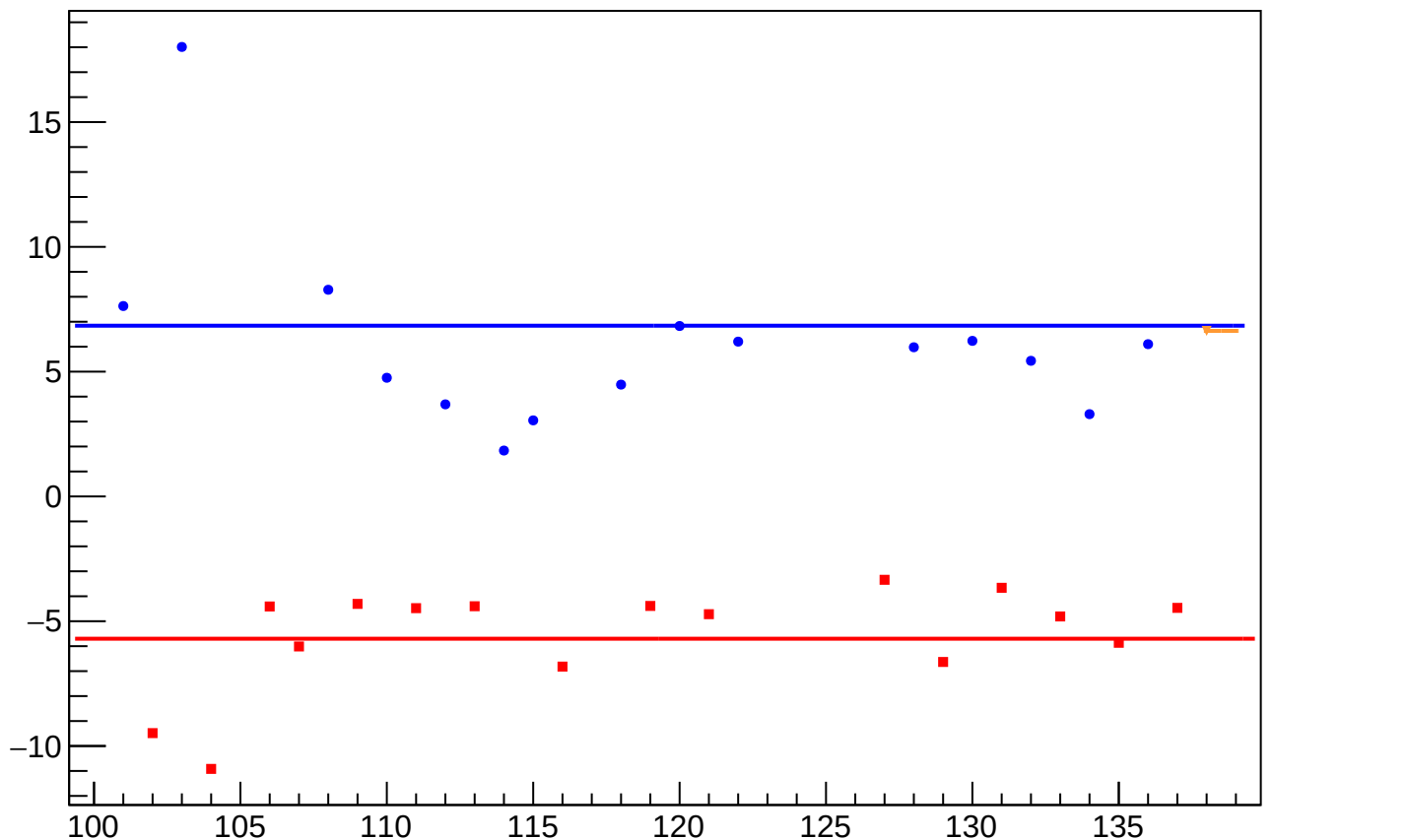
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Out: -816.779+/-0.000 χ^2/NDF : 281086403539326
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_11X12X_coil1_mean vs Slug, Sign Corrected



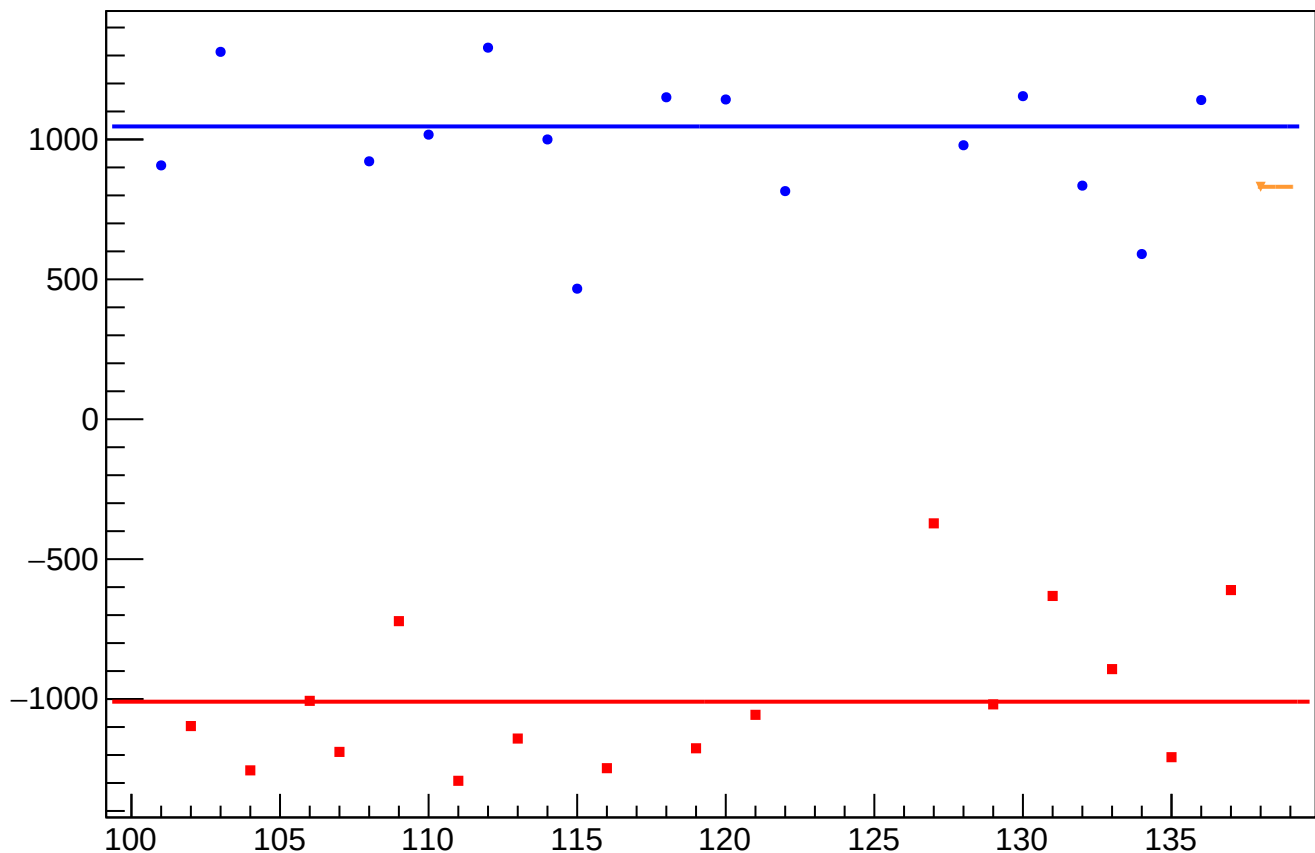
Right In: -210.261 ± 0.000 $\chi^2/\text{NDF}: 567711076568068409192467700494893056.0/14$
 Left Out: -142.161 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 196.736 ± 0.000 $\chi^2/\text{NDF}: 909588895093044840633640514790359040.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -210.261 ± 0.000 $\chi^2/\text{NDF}: 567711076568068409192467700494893056.0/14$
 Out: 161.255 ± 0.000 $\chi^2/\text{NDF}: 8930095713759850$
 All: -11.711 ± 0.000 $\chi^2/\text{NDF}: 573711093122$

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



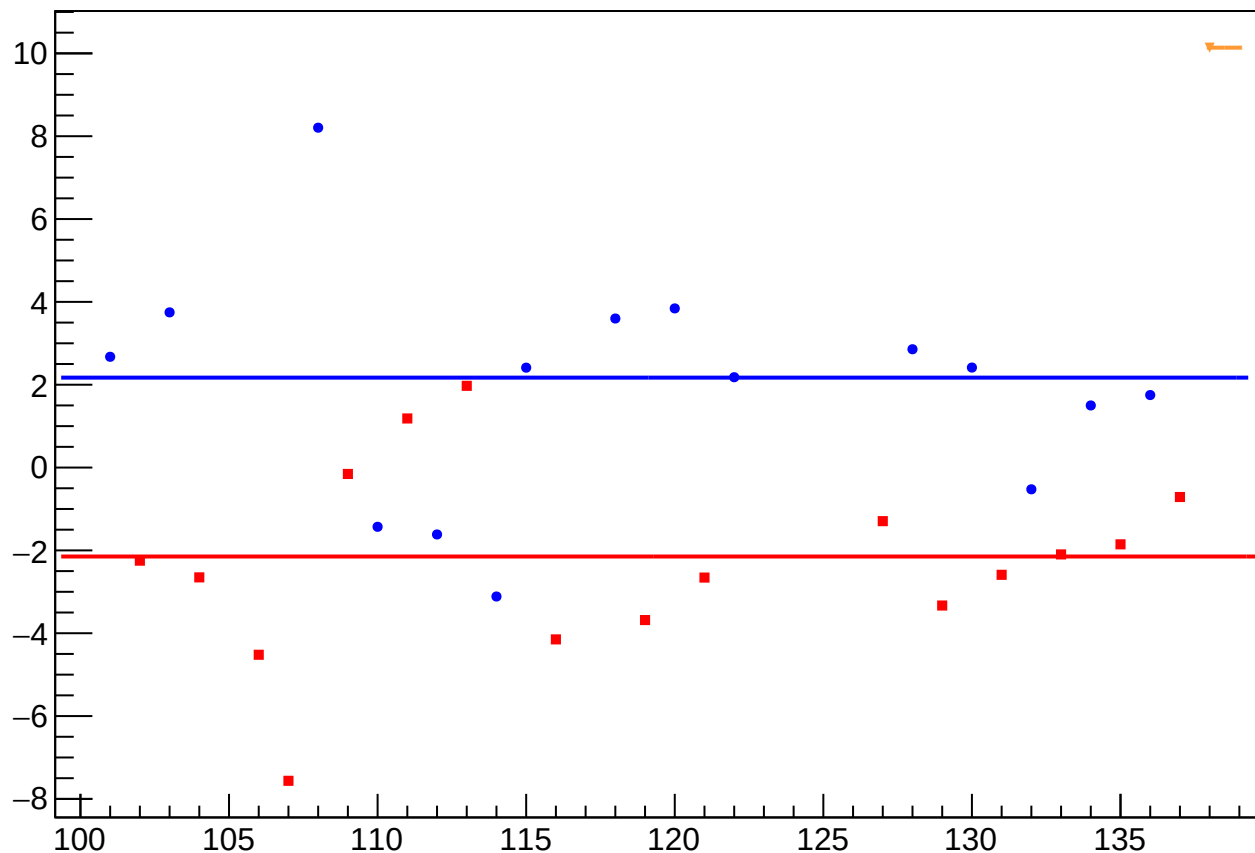
Left: 6.633 +/- 0.000 χ^2/NDF : 0.0/0
 Right: 0.484 +/- 0.000 χ^2/NDF : 64278461955509291
 In: 6.842 +/- 0.000 χ^2/NDF : 9355934166823324467
 Out: -4.410 +/- 0.000 χ^2/NDF : 13799176408002391
 Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: 0.828 +/- 0.000 χ^2/NDF : 67062609403084

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



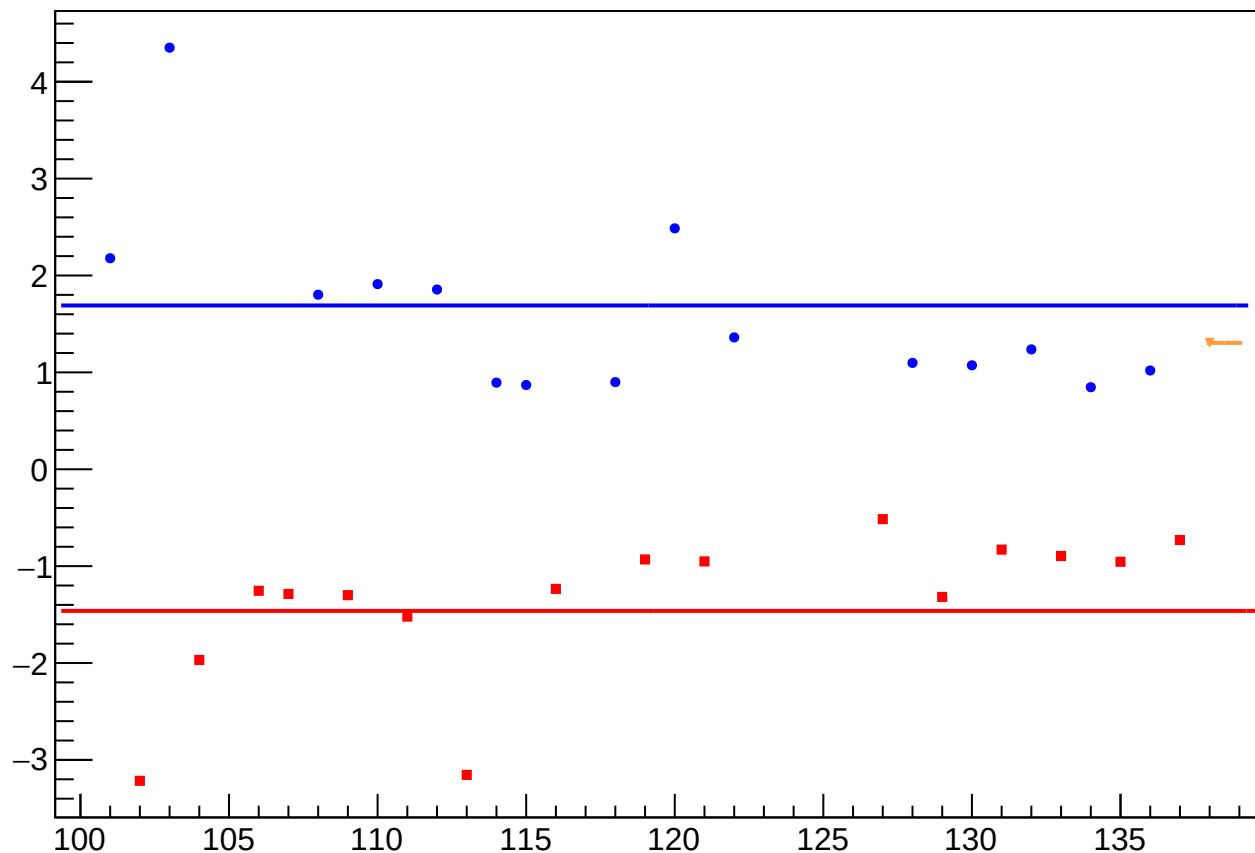
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_4aY_coil1_mean vs Slug, Sign Corrected



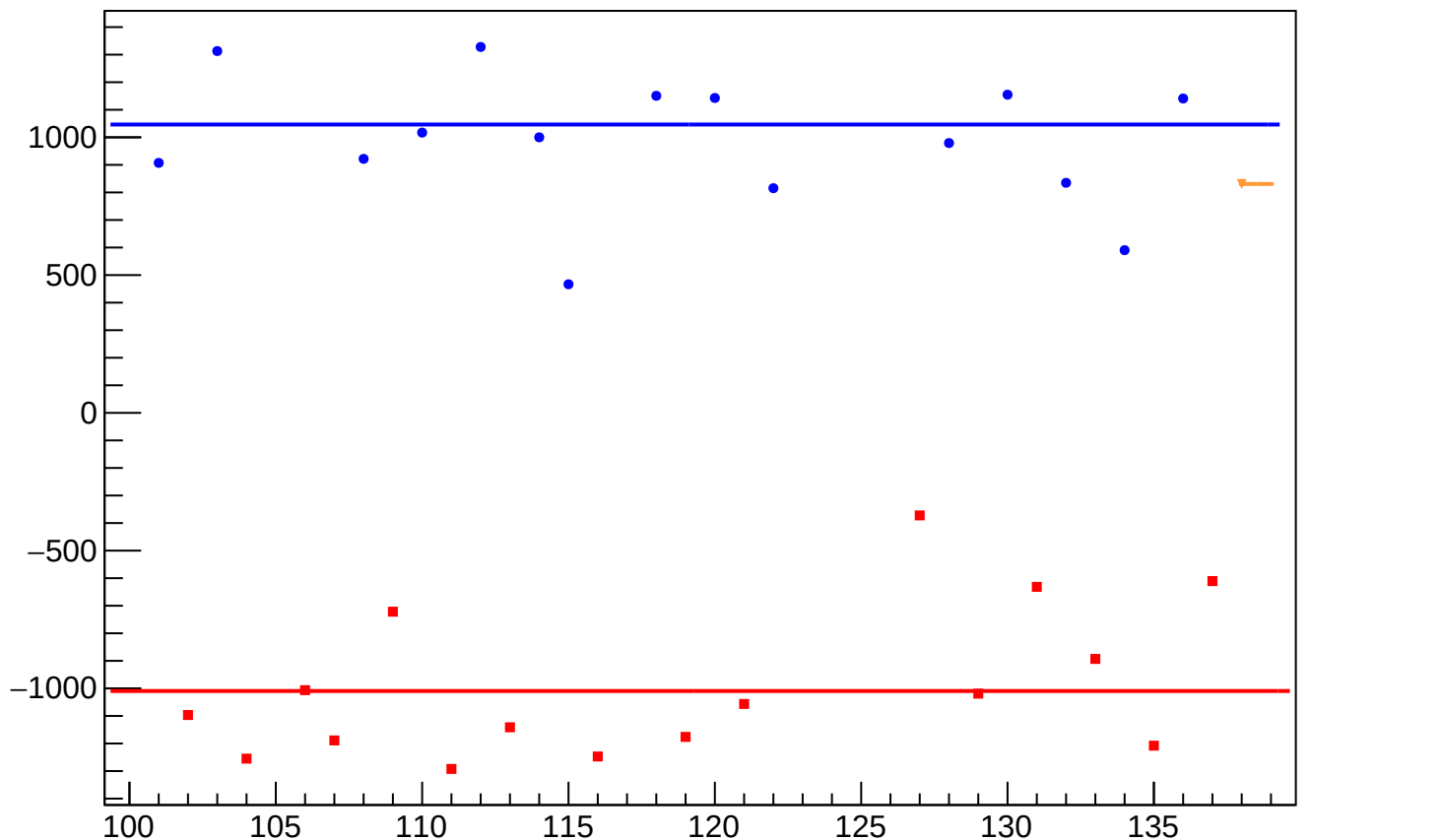
Right In: 2.171 ± 0.000	$\chi^2/\text{NDF}: 3599819246909975678410499691642880.0/14$	Left: 10.138 ± 0.000	$\chi^2/\text{NDF}: 0.0/0$
Left Out: 10.138 ± 0.000	$\chi^2/\text{NDF}: 0.0/0$	Right: -0.018 ± 0.000	$\chi^2/\text{NDF}: 1282950255194488$
Right Out: -2.148 ± 0.000	$\chi^2/\text{NDF}: 3093887336239378959606321931878400.0/15$	In: 2.171 ± 0.000	$\chi^2/\text{NDF}: 3599819246909975678410499691642880.0/14$
Left In: 0.000 ± 0.000	$\chi^2/\text{NDF}: 0.0/0$	Out: -0.861 ± 0.000	$\chi^2/\text{NDF}: 13633702182081355$
		All: 0.551 ± 0.000	$\chi^2/\text{NDF}: 20423584174156$

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



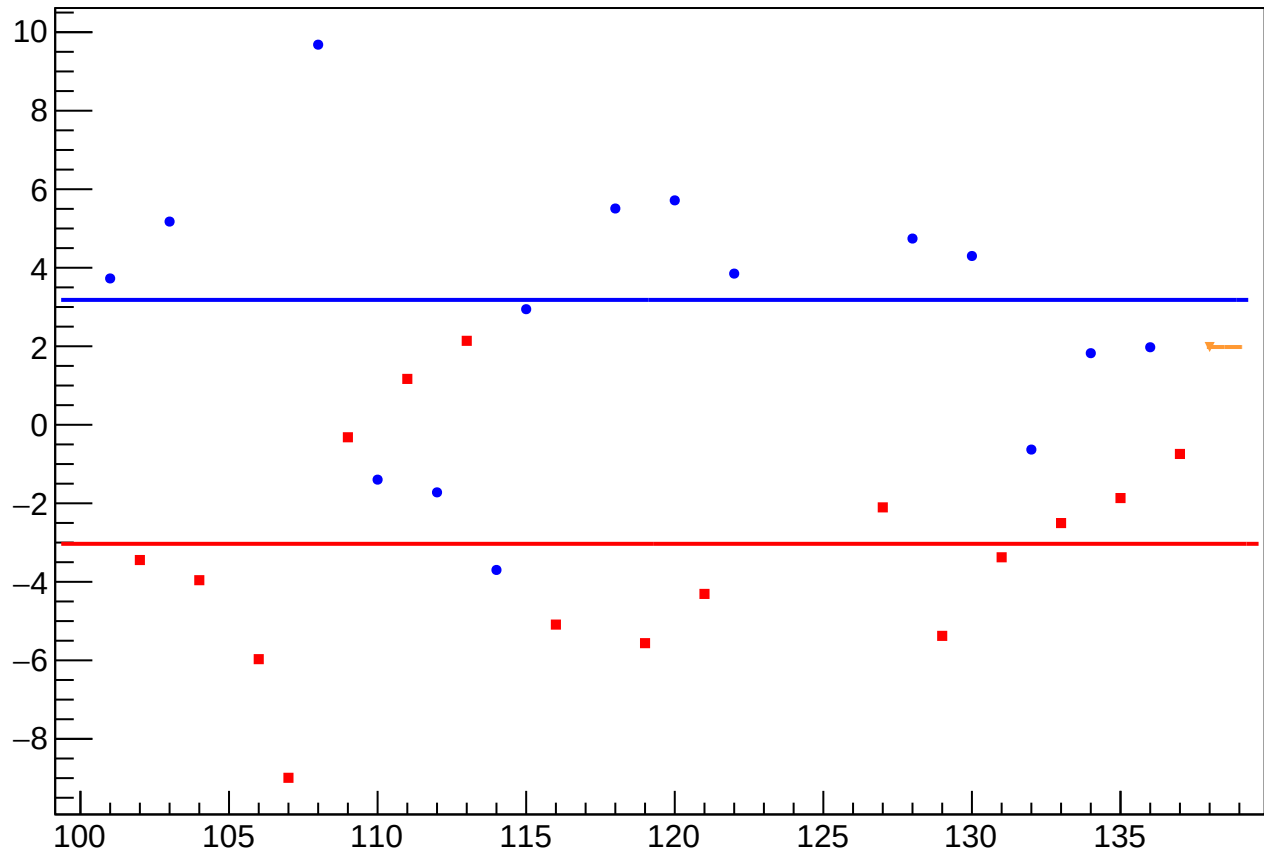
Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.305+/-0.000 χ^2/NDF : 3.8/0
 Right Out: -1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Out: -1.172+/-0.000 χ^2/NDF : 97894275178225136
 All: 0.161+/-0.000 χ^2/NDF : 44344732867897

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



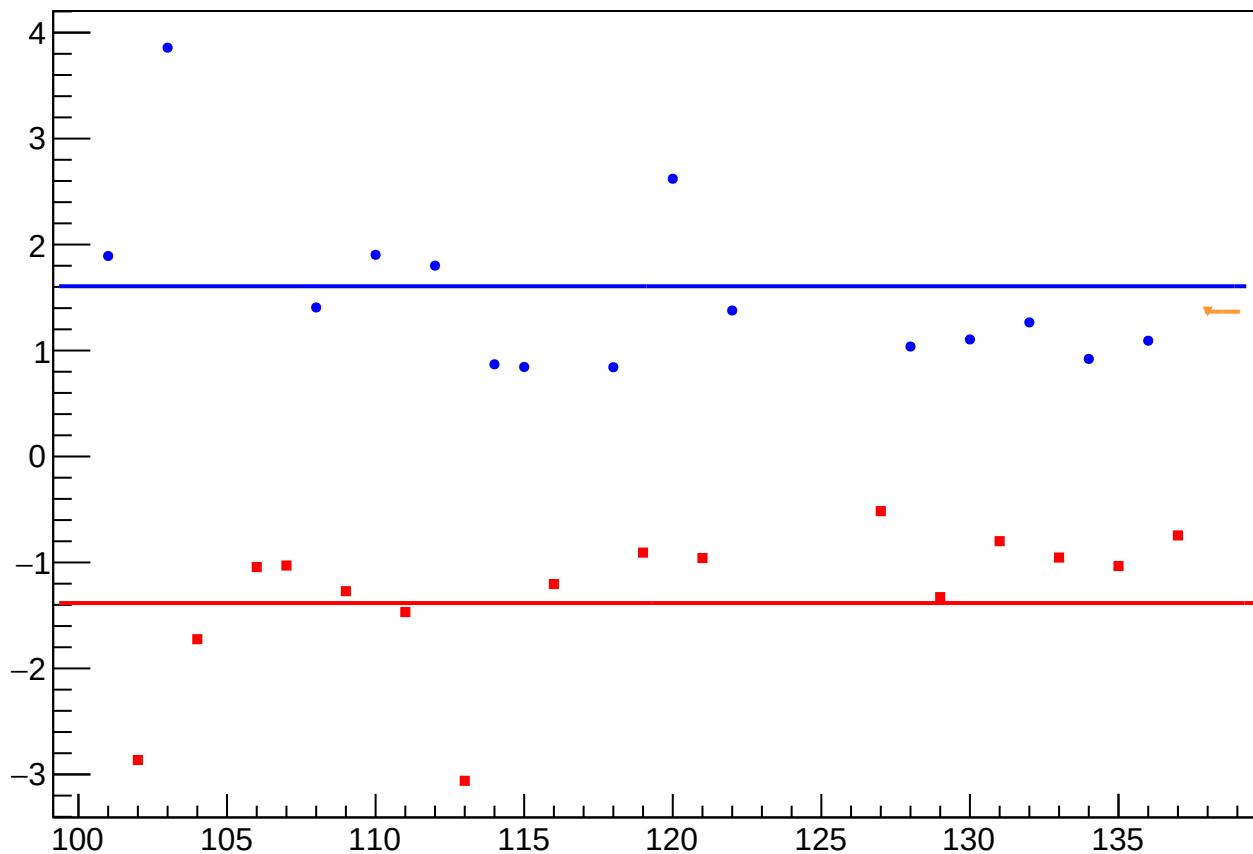
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 3.181+/-0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14
 Left Out: 1.981+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.032+/-0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.141+/-0.000 χ^2/NDF : 23747385746120

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: 1.367+/-0.000 χ^2/NDF : 0.0/0

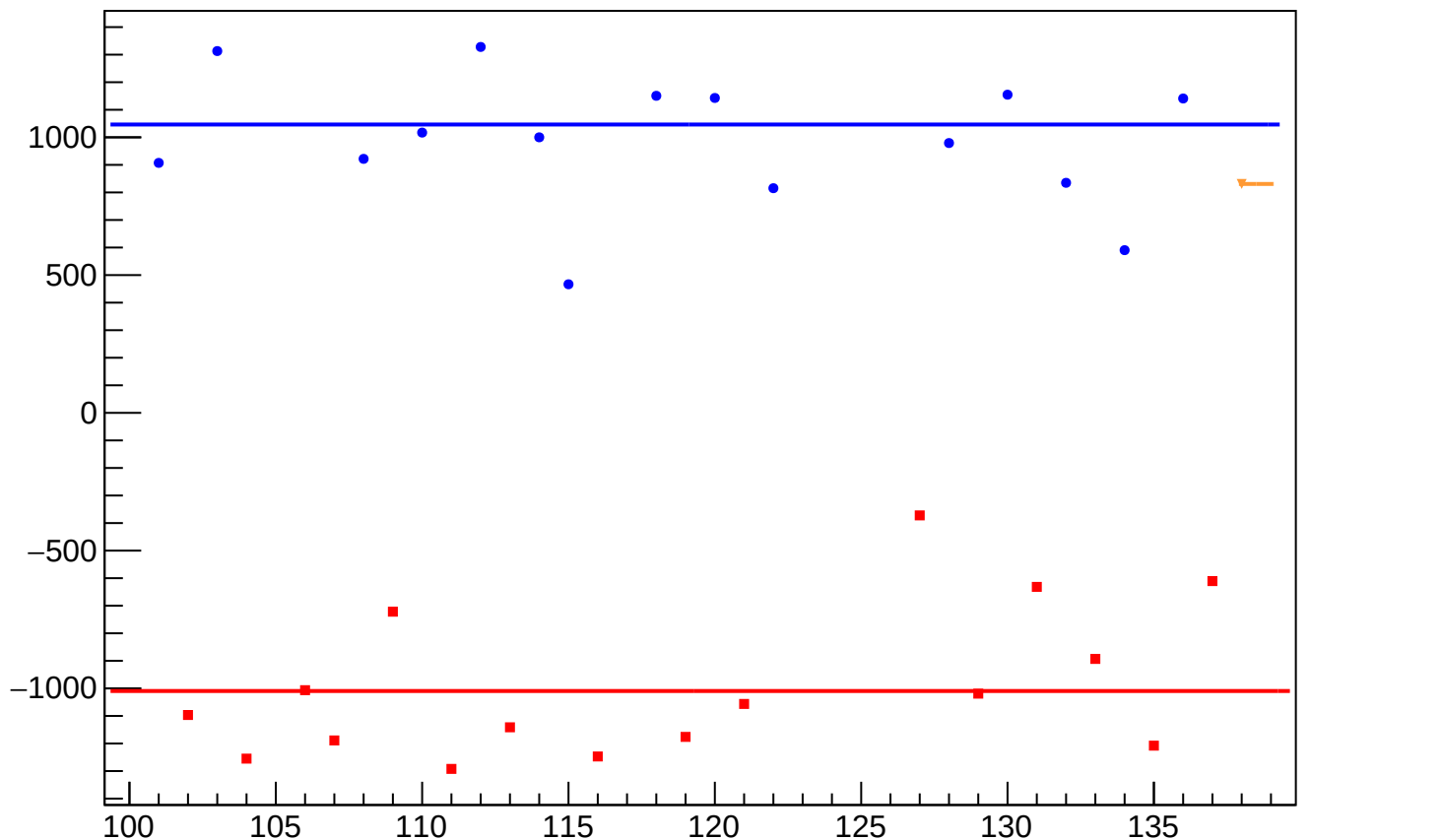
Right: 0.091+/-0.000 χ^2/NDF : 37590279045296247

In: 1.607+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

Out: -1.095+/-0.000 χ^2/NDF : 88634053999485149

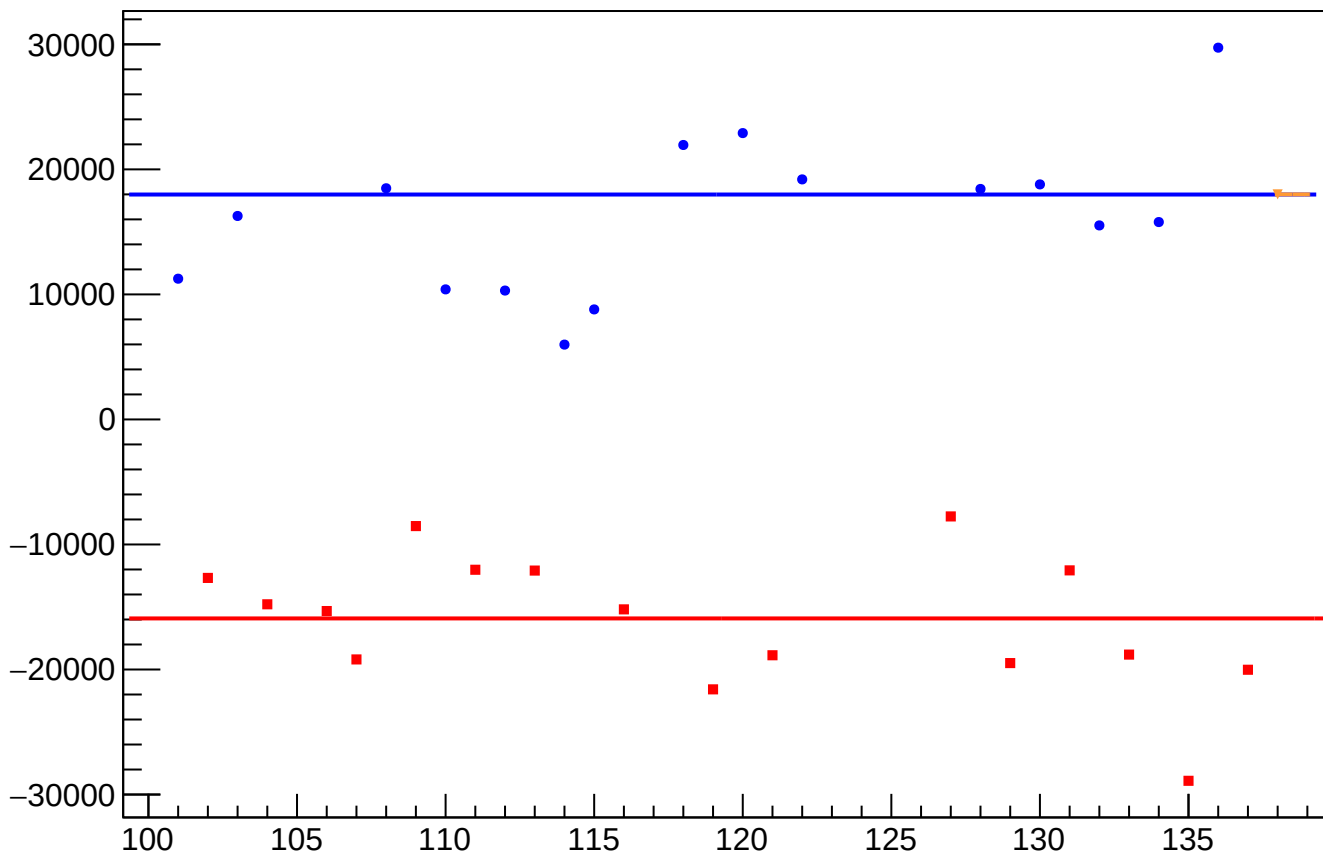
All: 0.163+/-0.000 χ^2/NDF : 38788027101498

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



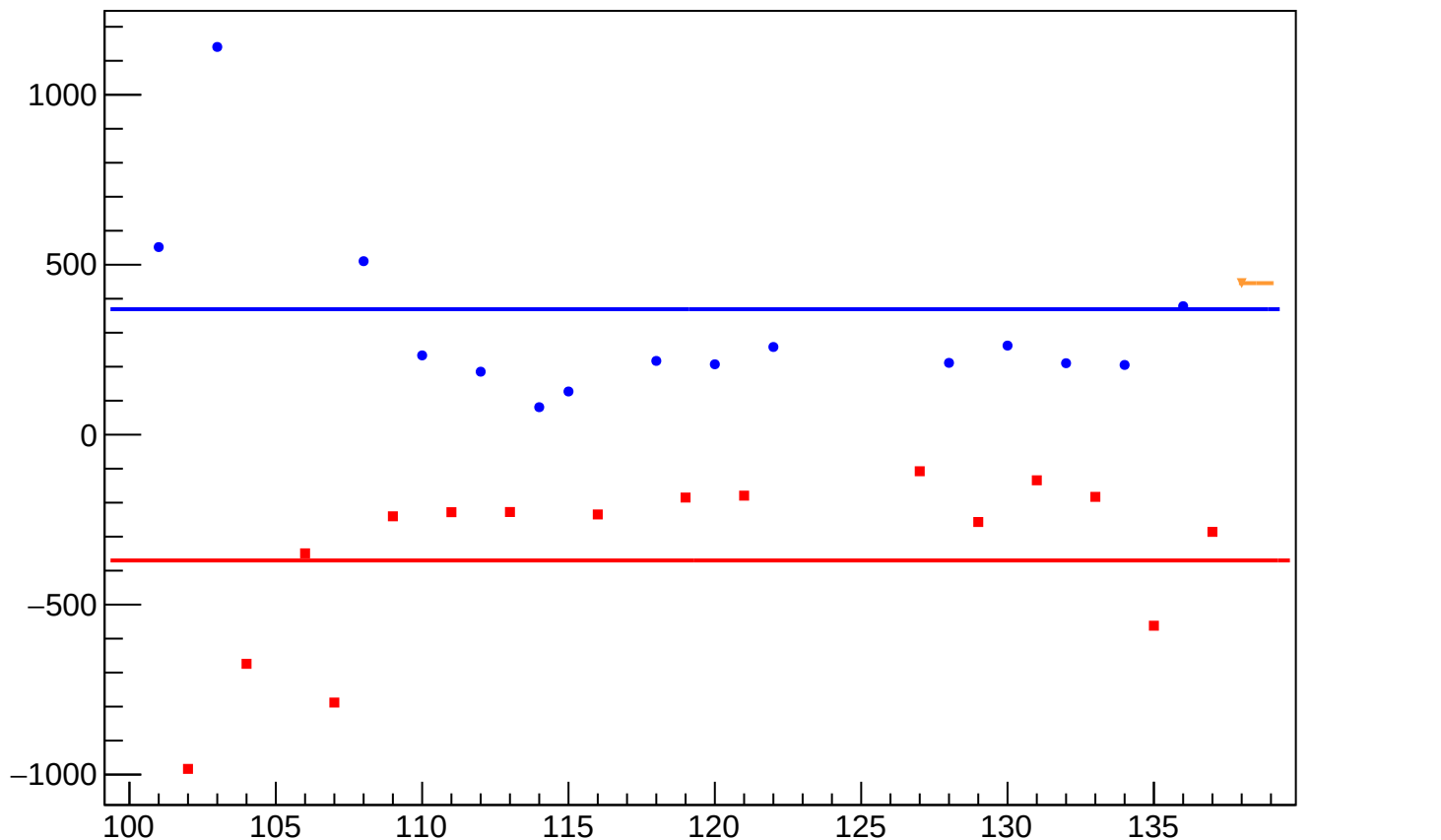
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_usl_coil1_mean vs Slug, Sign Corrected



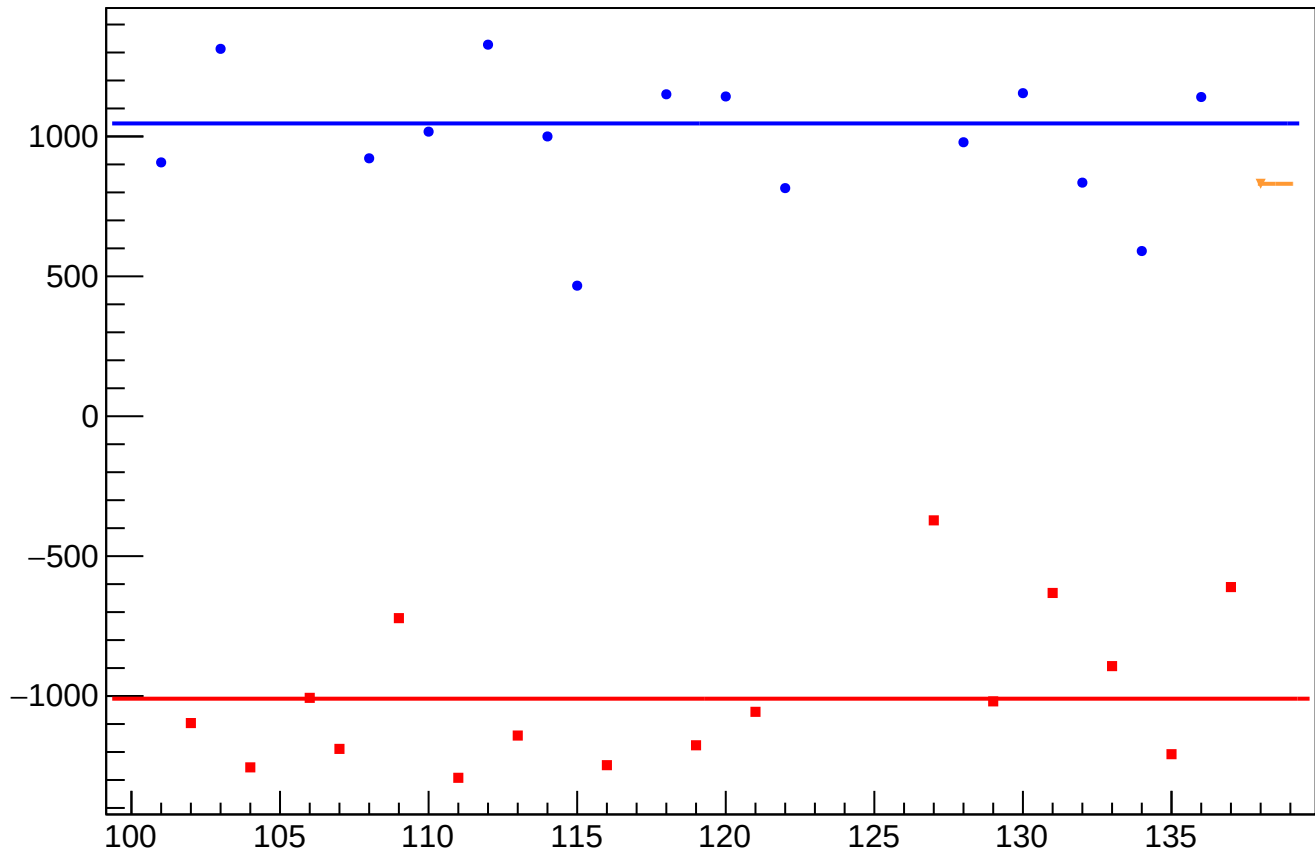
Right In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left: 18000.472+/-0.000 χ^2/NDF : 1032321404.5/0
 Right: 804.617+/-0.000 χ^2/NDF : 422864756621879
 Left Out: 18000.472+/-0.000 χ^2/NDF : 1032321404.5/0
 In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Right Out: -15915.227+/-0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Out: -12364.322+/-0.000 χ^2/NDF : 1002819611272
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1766.795+/-0.000 χ^2/NDF : 44463861019

dit_usl_coil1_err_mean vs Slug, Sign Corrected



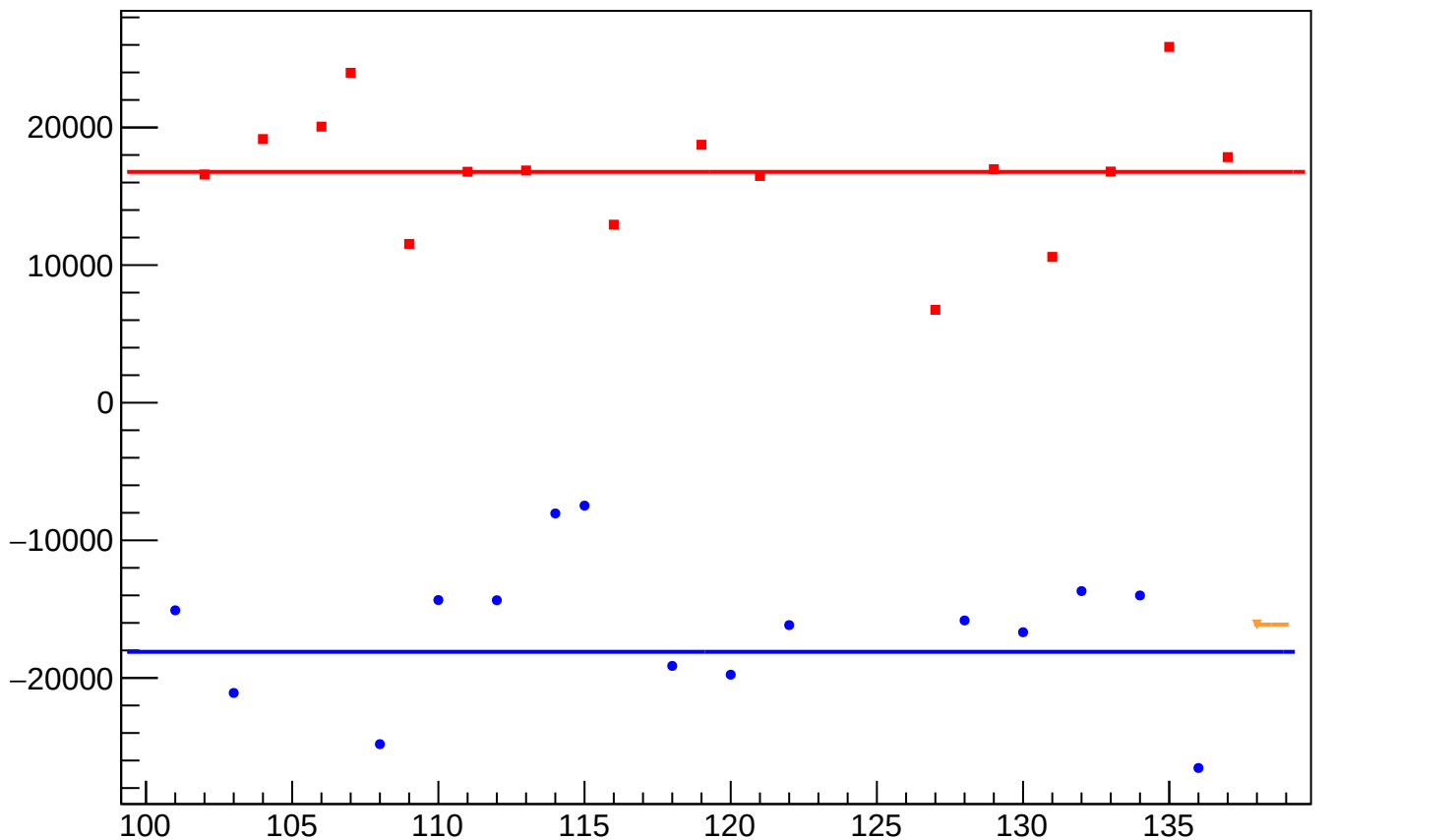
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14
 Left Out: 445.805+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 19.736+/-0.000 χ^2/NDF : 2910329553314

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



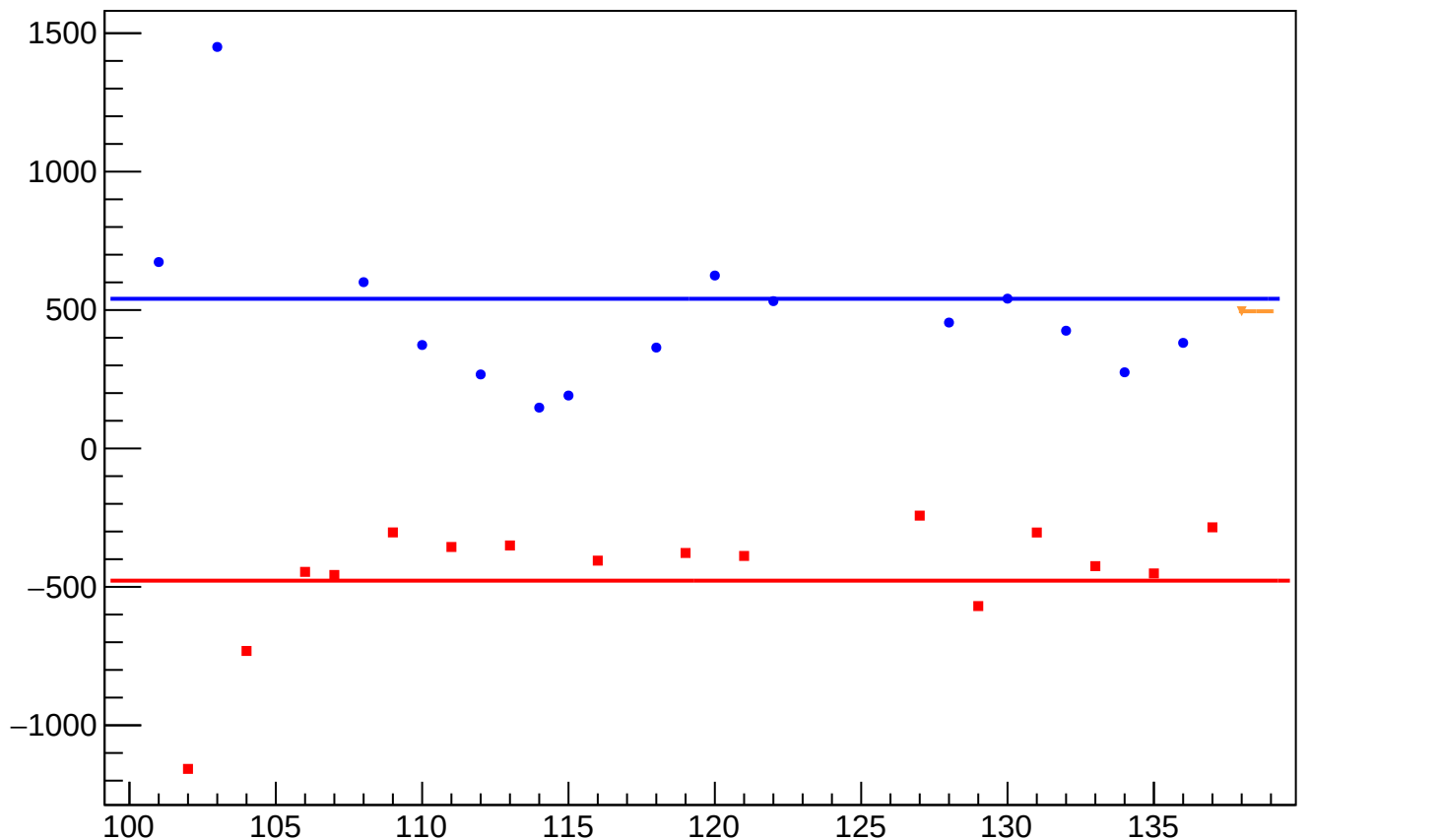
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_usr_coil1_mean vs Slug, Sign Corrected



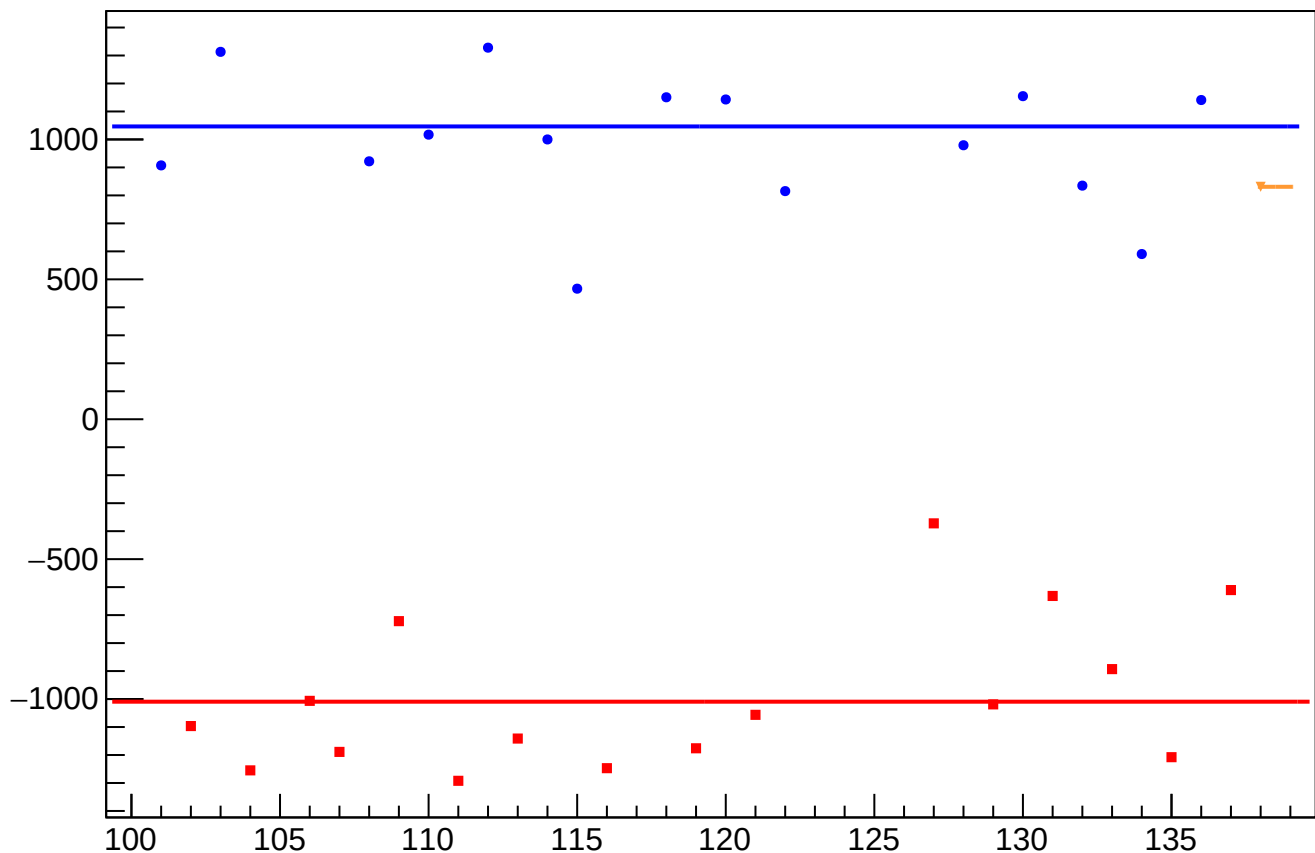
Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -16116.428+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1303.014+/-0.000 χ^2/NDF : 4470592220

dit_usr_coil1_err_mean vs Slug, Sign Corrected



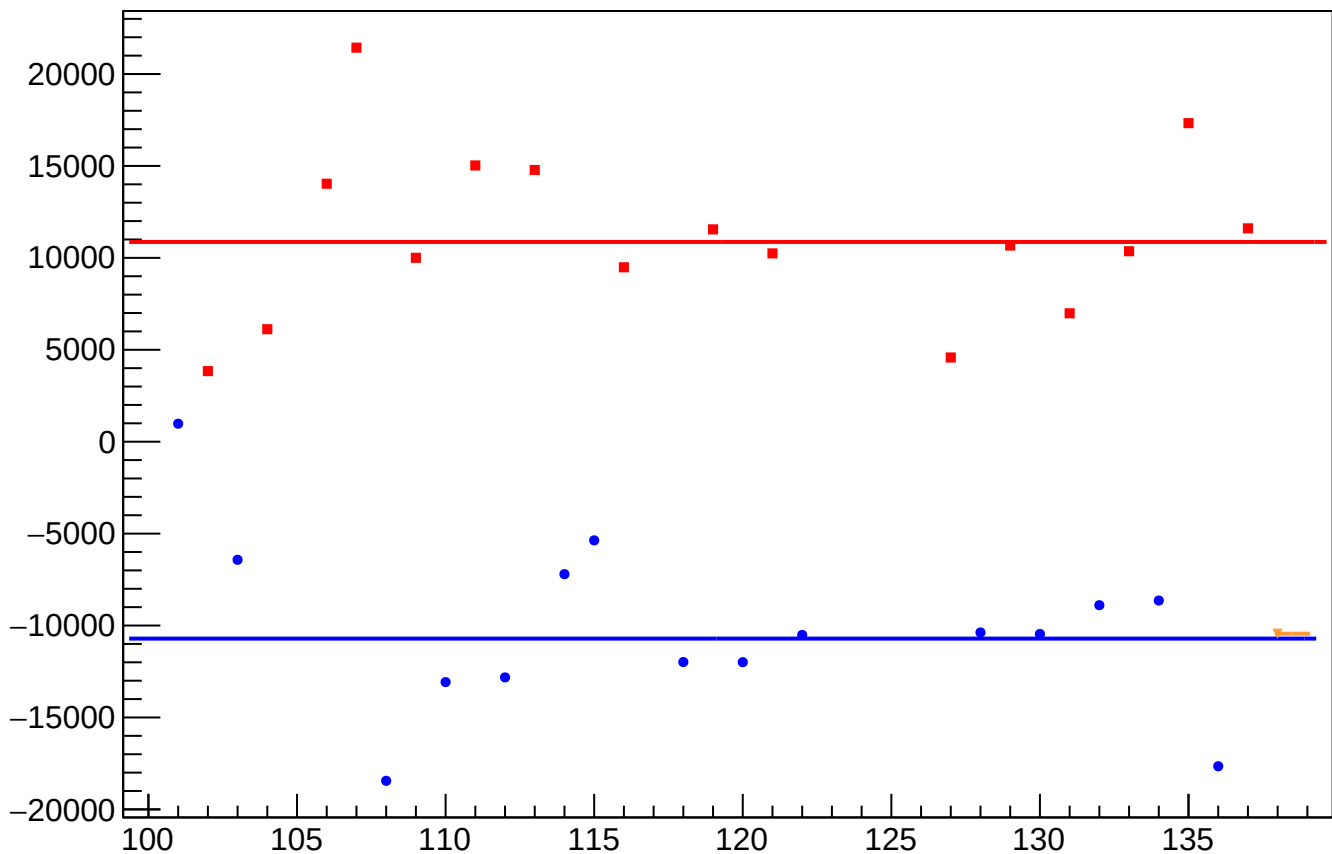
Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14
 Left Out: 495.550+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.947+/-0.000 χ^2/NDF : 4607040657240

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



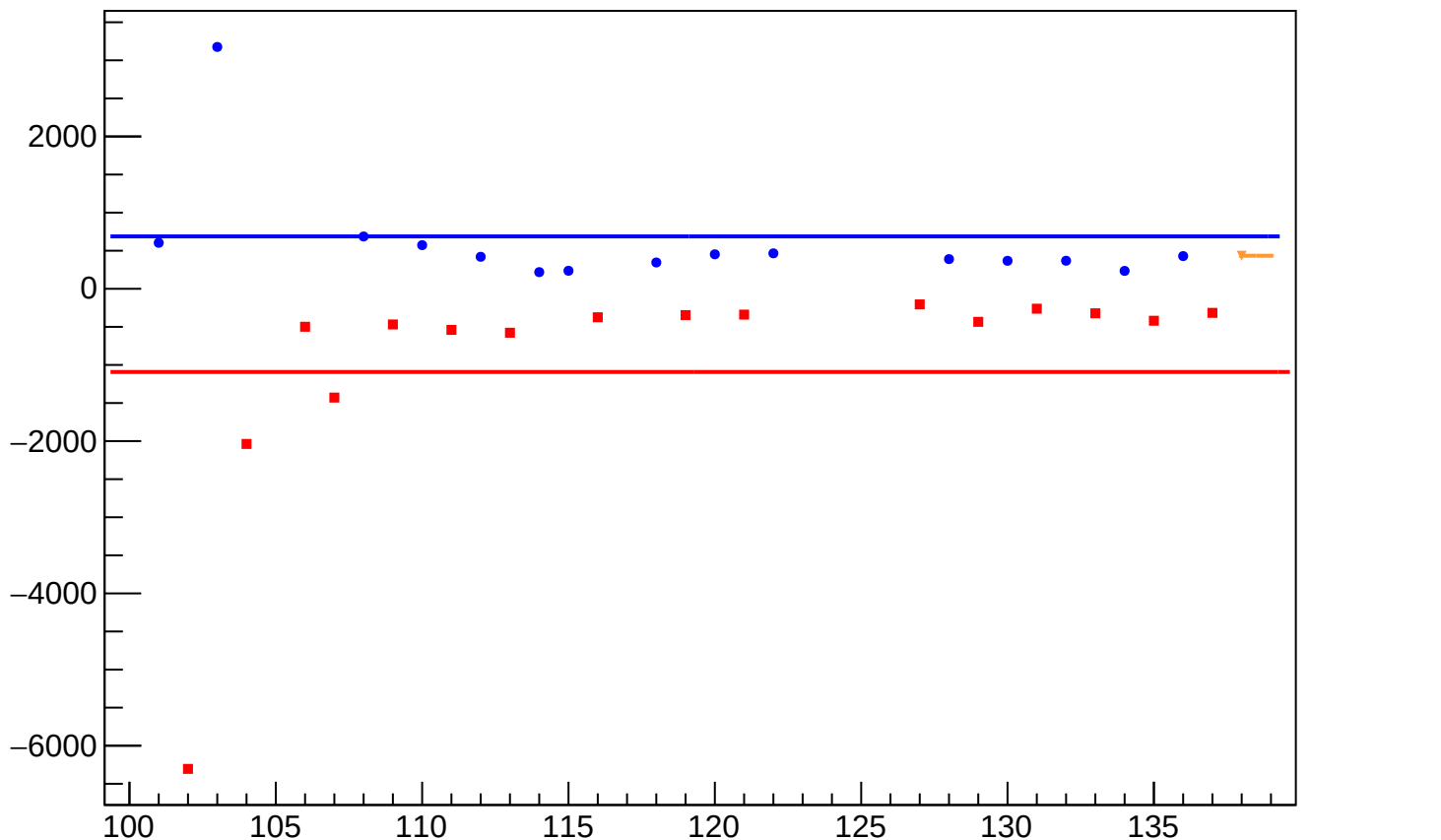
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_atl1_coil1_mean vs Slug, Sign Corrected



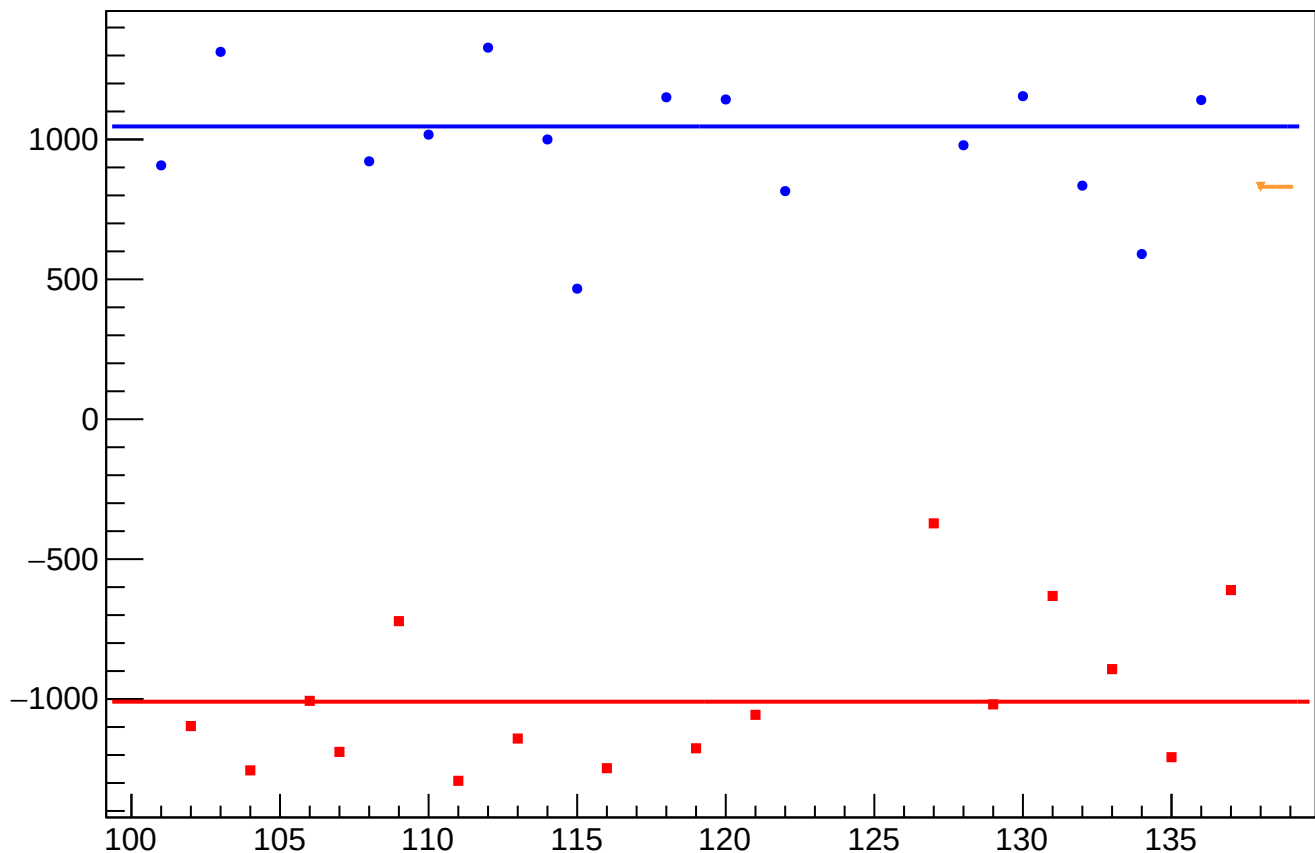
Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14
 Left Out: -10443.742+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -371.444+/-0.000 χ^2/NDF : 19269876697

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



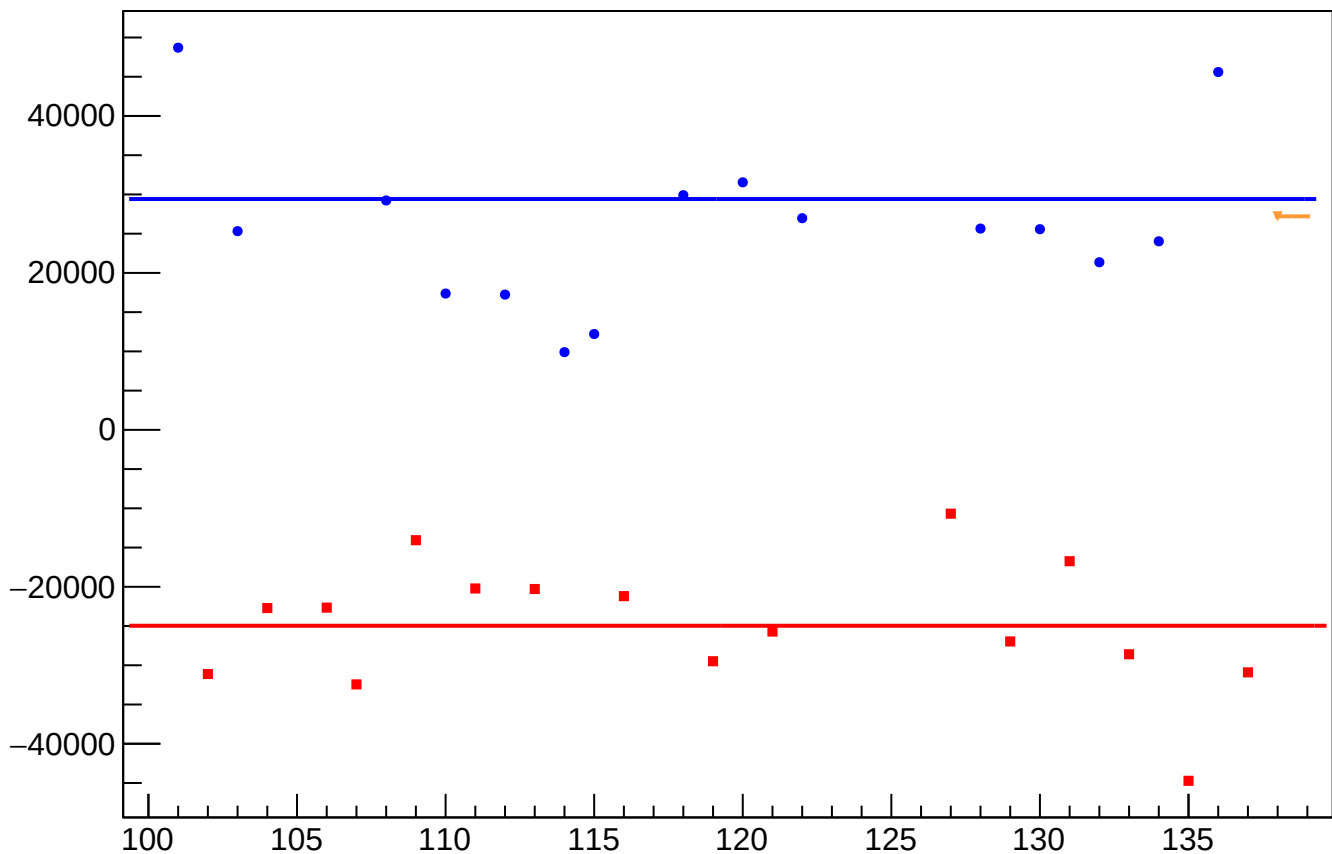
Right In: 687.939 ± 0.000 $\chi^2/\text{NDF}: 409297141104301509817753390759024787456.0/14$
 Left Out: 434.084 ± 0.000 $\chi^2/\text{NDF}: 252031.6/0$
 Right Out: -1092.265 ± 0.000 $\chi^2/\text{NDF}: 1883198142929605813456233812946948456448.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -178.056 ± 0.000 $\chi^2/\text{NDF}: 33659024009$

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 29415.830+/-0.000

Left: 27209.193+/-0.000 χ^2/NDF : 1032321404.5/0

Left Out: 27209.193+/-0.000

Right: 1854.518+/-0.000 χ^2/NDF : 10900867071107

Right Out: -24963.010+/-0.000

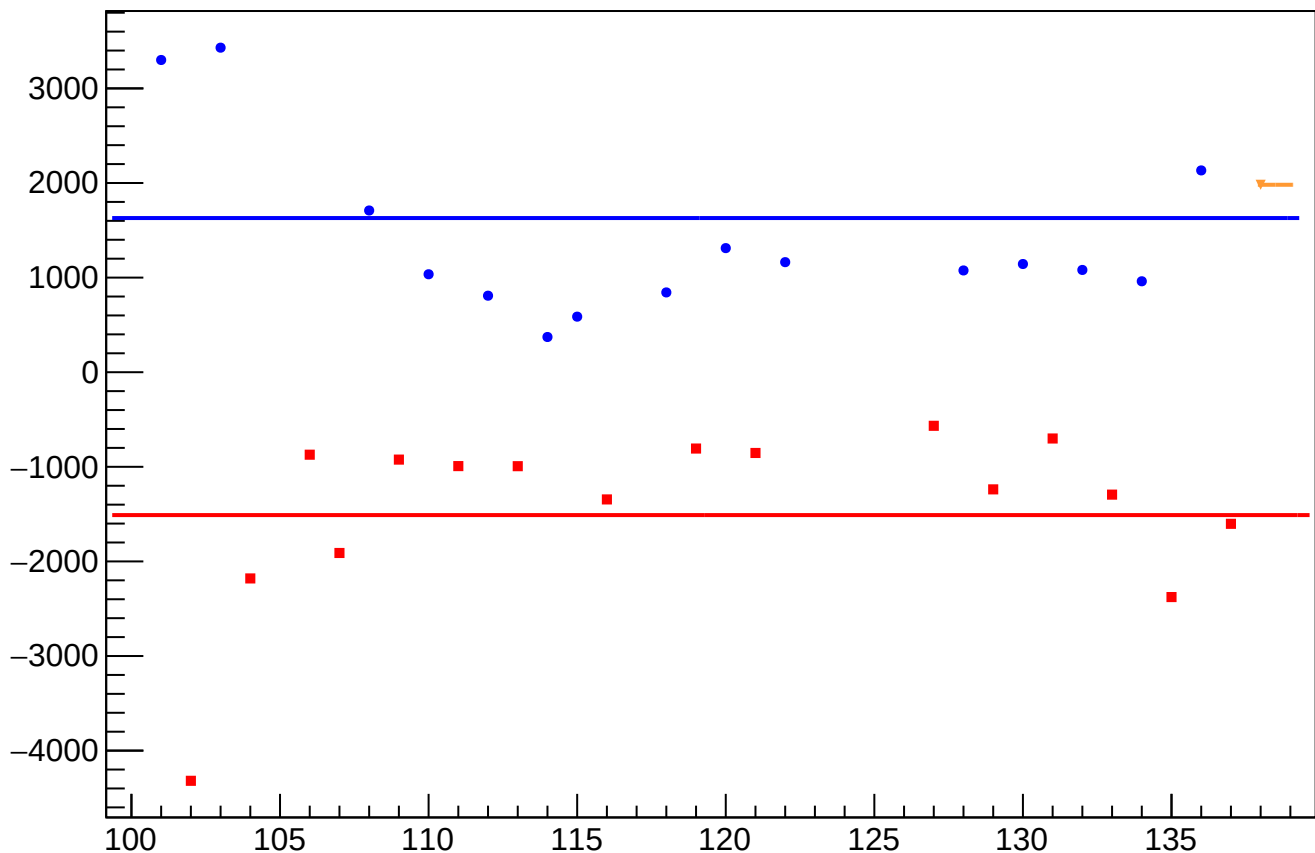
In: 29415.830+/-0.000 χ^2/NDF : 717649896389280

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

Out: -19500.685+/-0.000 χ^2/NDF : 2357142424048

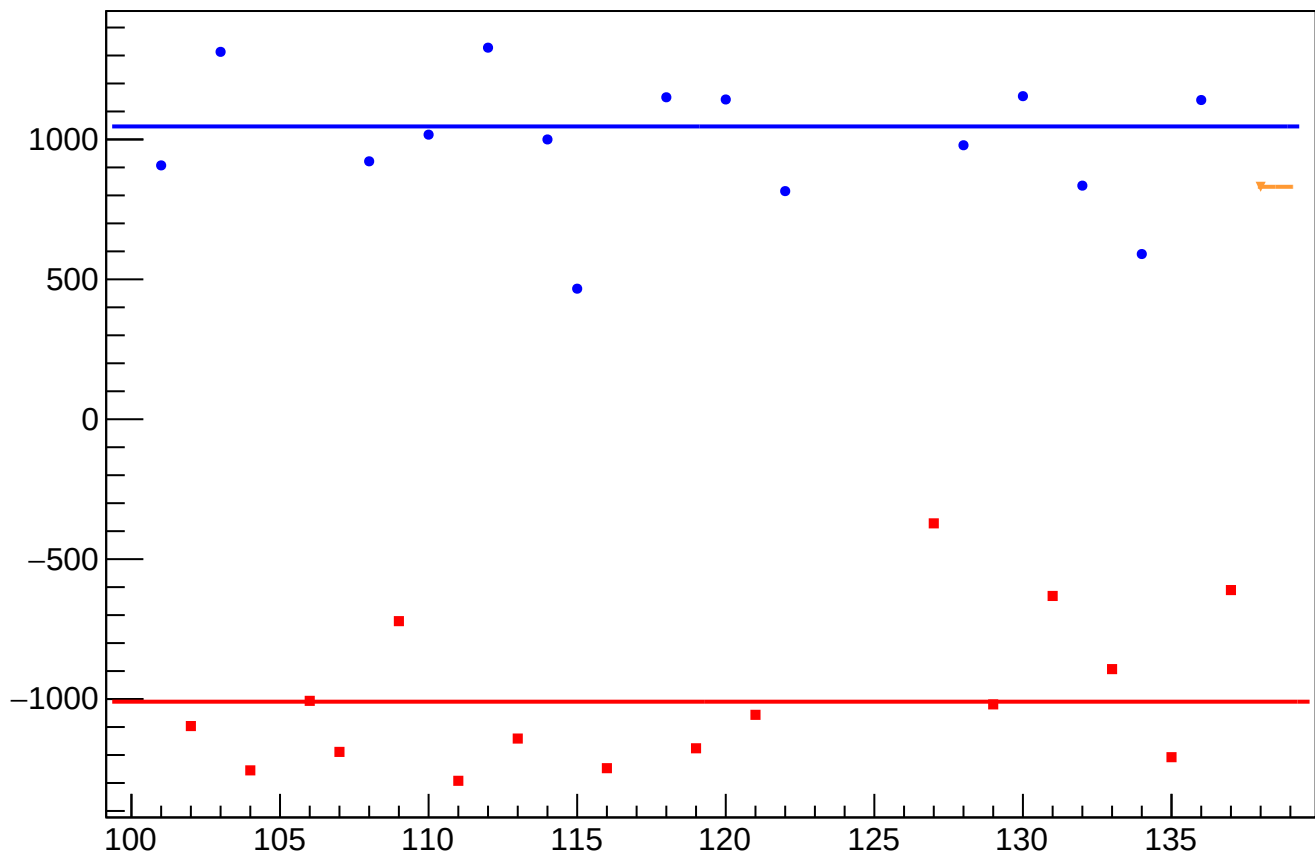
All: 3273.216+/-0.000 χ^2/NDF : 11374240445

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



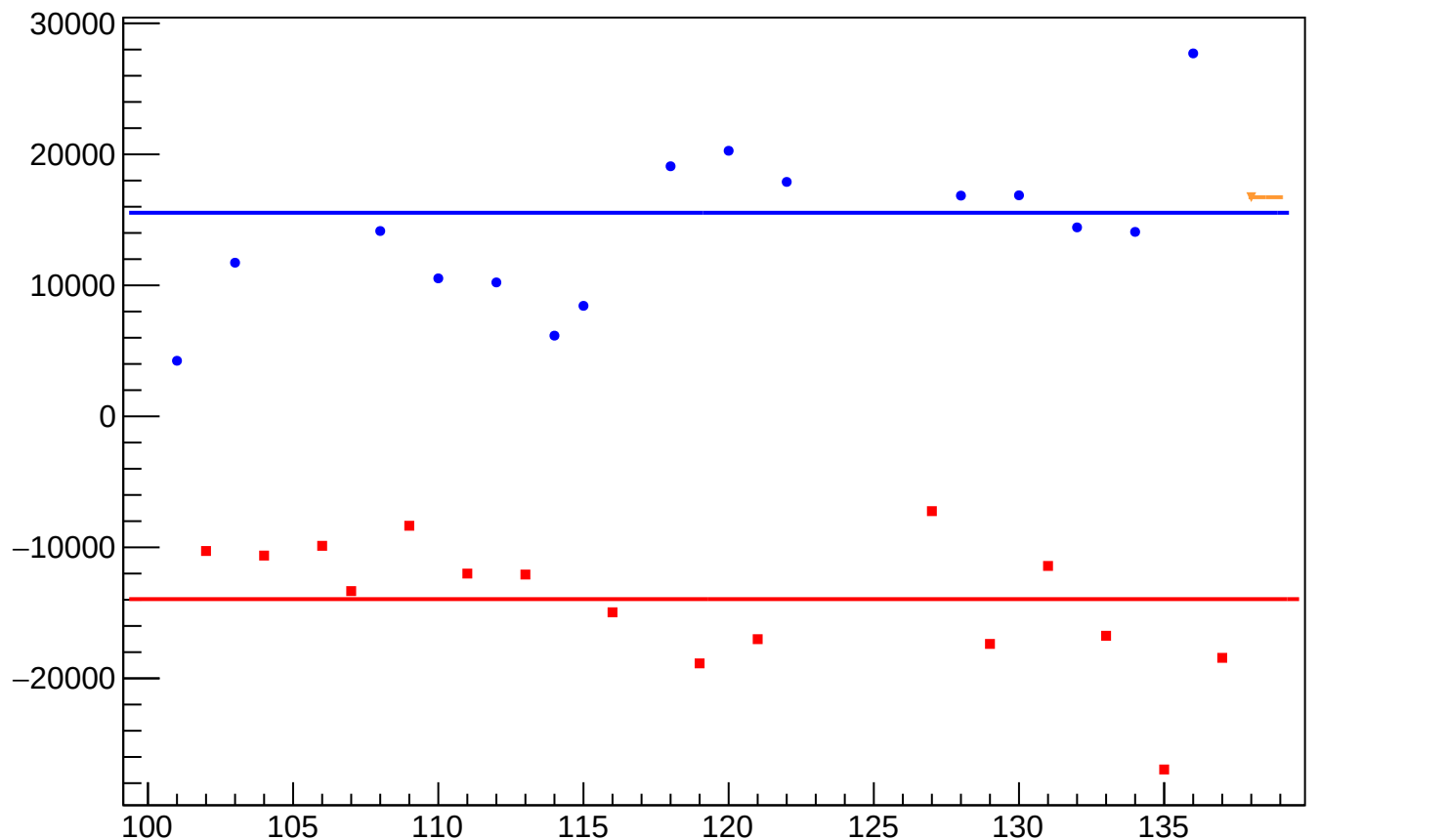
Right In: 1629.542+/-0.000 χ^2/NDF : 551738555355028902194697896437152219136.0/14
 Left Out: 1981.279+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1510.293+/-0.000 χ^2/NDF : 688231904046816211321774524619745656832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1629.542+/-0.000 χ^2/NDF : 551738555355028902194697896437152219136.0/14
 Out: -1144.732+/-0.000 χ^2/NDF : 15395783099273
 All: 146.877+/-0.000 χ^2/NDF : 476086060308

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787+/-0.000

Left: 16728.371+/-0.000 χ^2 /NDF: 27383635886523601832377795383509714468864.0/14

Left Out: 16728.371+/-0.000

Right: 592.797+/-0.000 χ^2 /NDF: 1032321404.5/0

Right Out: -13951.799+/-0.000

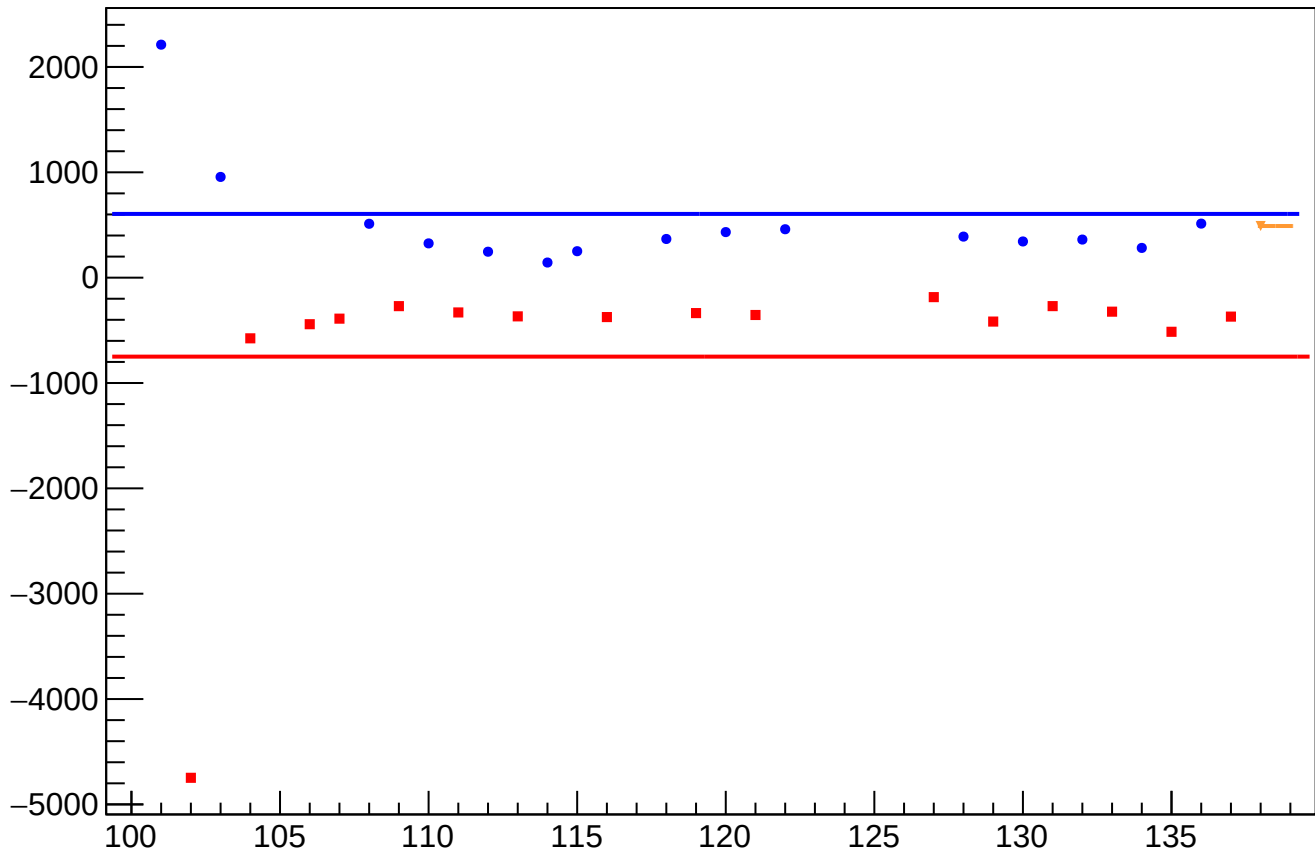
In: 15540.787+/-0.000 χ^2 /NDF: 16954071035739584664612813430748100952064.0/15

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

Out: -10739.647+/-0.000 χ^2 /NDF: 8268650077418

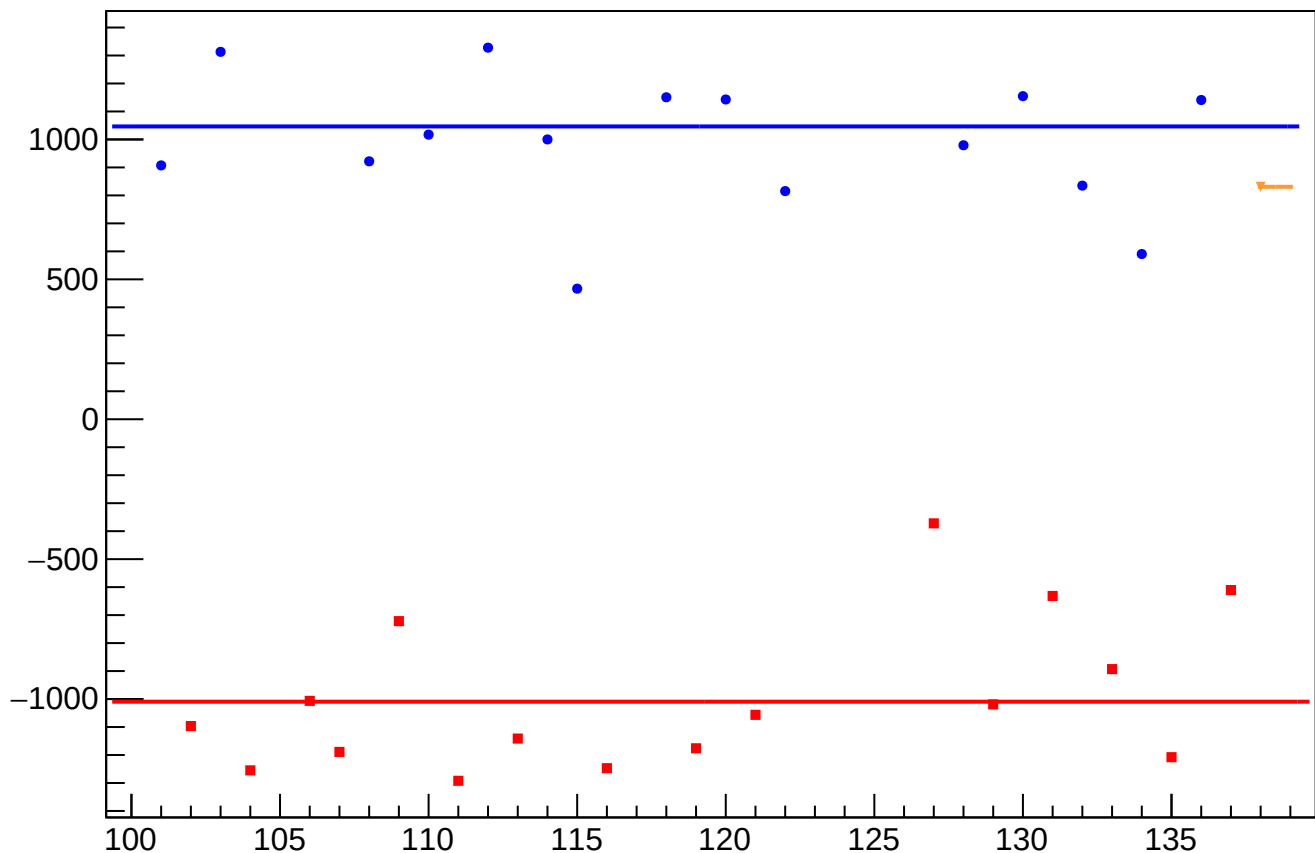
All: 1495.648+/-0.000 χ^2 /NDF: 34962403973

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



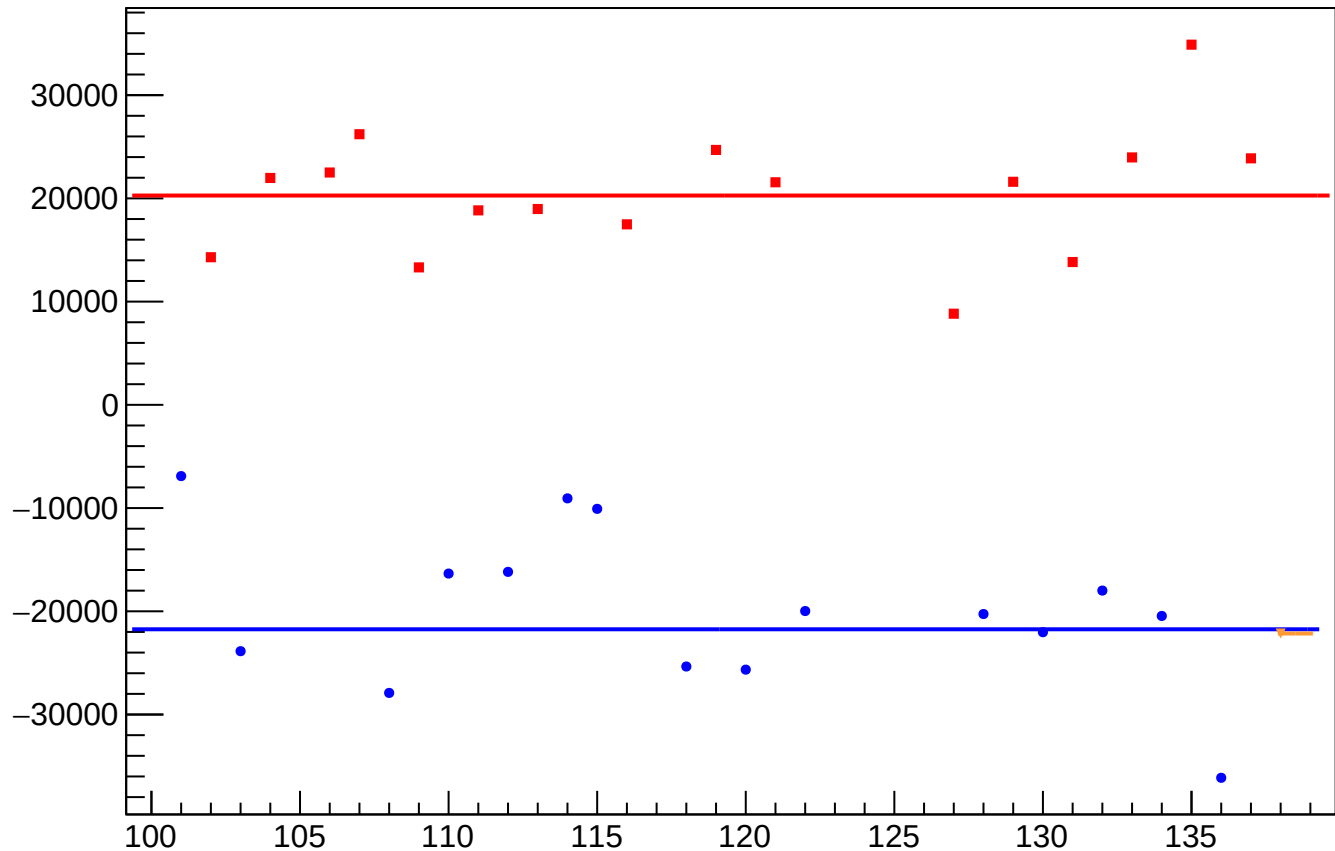
Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14
 Left Out: 490.244+/-0.000 χ^2/NDF : 252031.6/0
 Right Out: -749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -49.545+/-0.000 χ^2/NDF : 183843154474

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: -21743.360+/-0.000

χ^2/NDF : 41106858823579527325198675675398793068544.0/14

Left: -22151.984+/-0.000 χ^2/NDF : 0.0/0

Right: -446.610+/-0.000

χ^2/NDF : 64780902874572

Left Out: -22151.984+/-0.000

χ^2/NDF : 0.0/0

Right Out: 20275.415+/-0.000

χ^2/NDF : 25935869132092920231681532417627320745984.0/15

In: -21743.360+/-0.000

χ^2/NDF : 41106858823579

Out: 15833.352+/-0.000

χ^2/NDF : 15164214988686

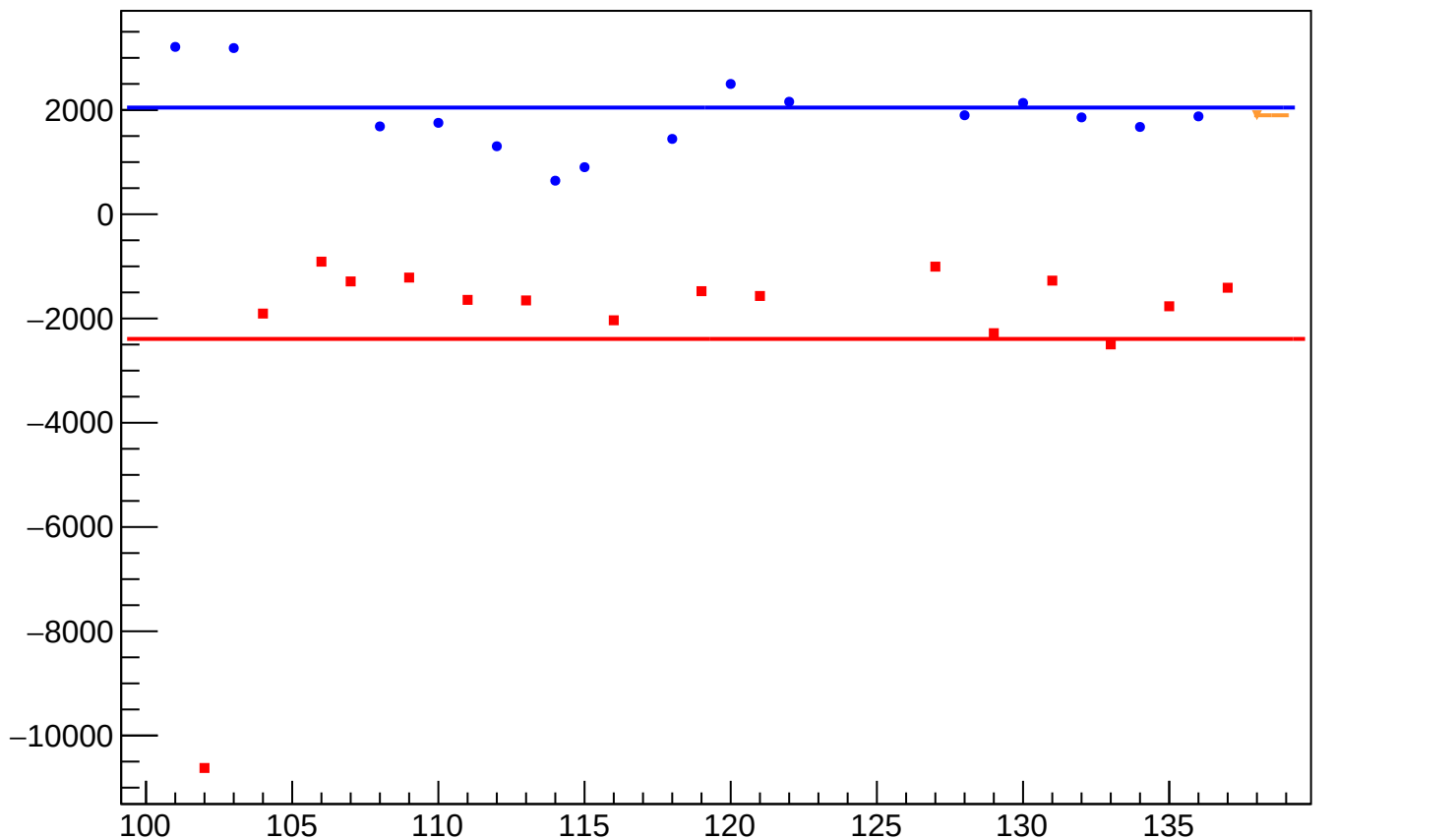
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -1661.114+/-0.000

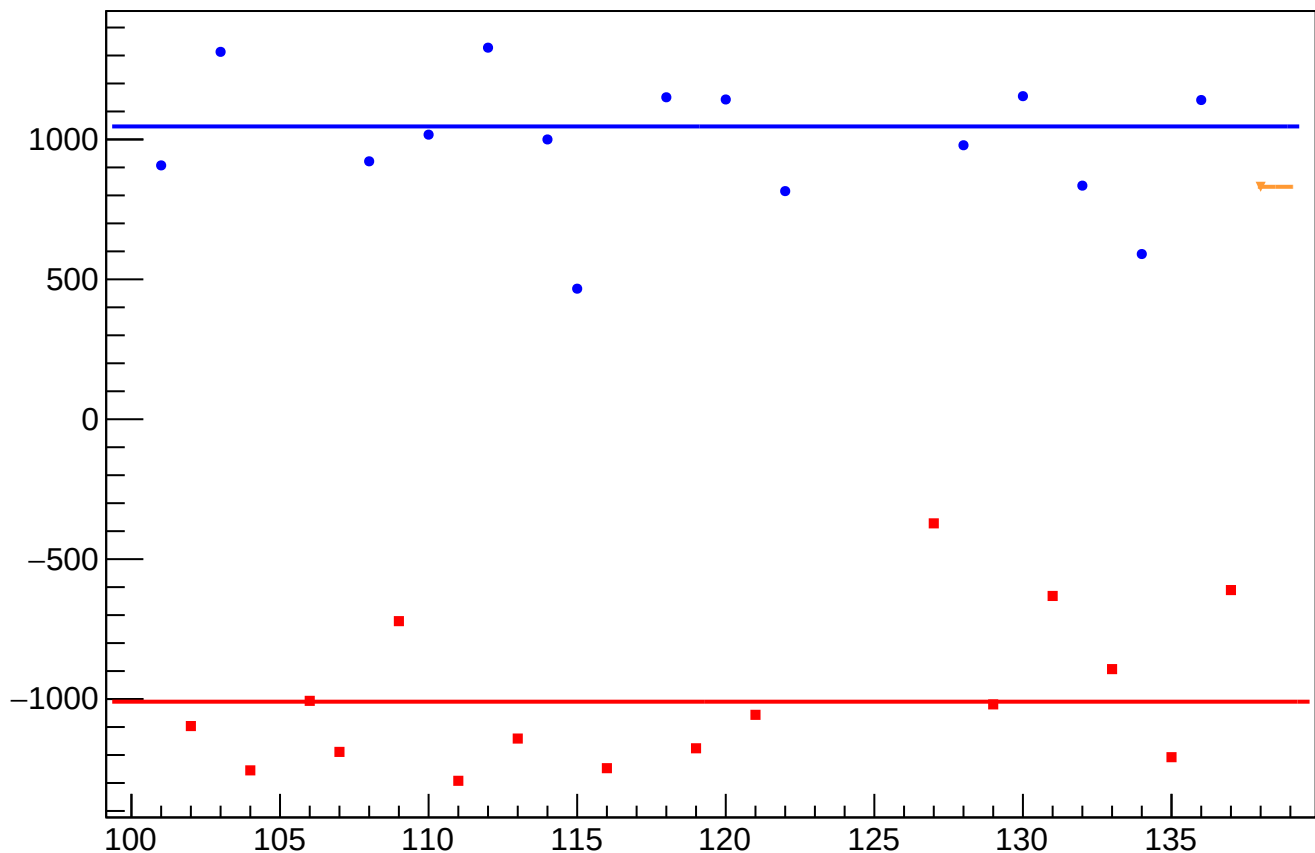
χ^2/NDF : 6825004636

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



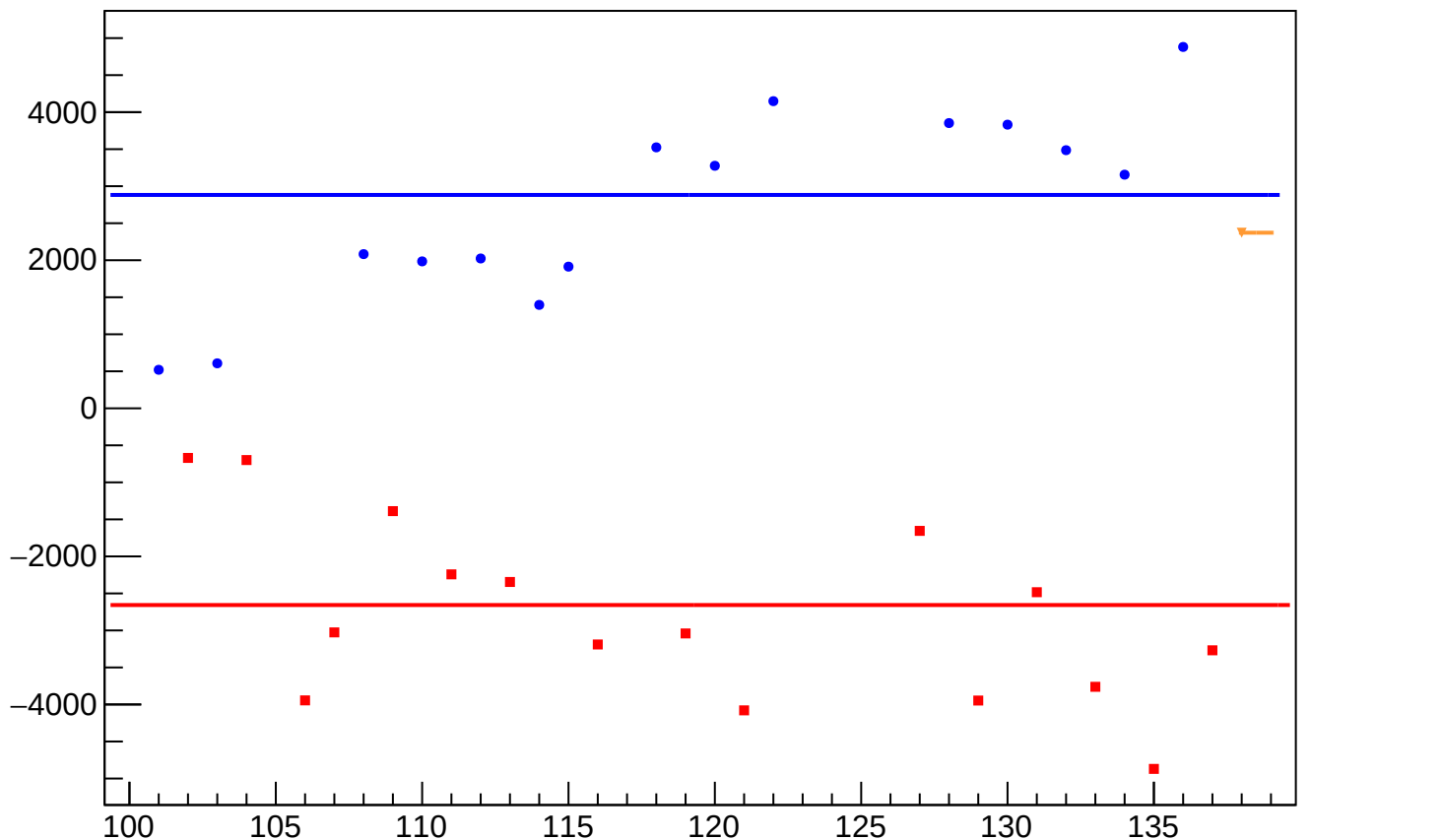
Right In: 2046.354+/-0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 1898.328+/-0.000 χ^2/NDF : 4032505.5/0
 Right Out: -2391.939+/-0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2046.354+/-0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Out: -1942.757+/-0.000 χ^2/NDF : 57006788181070
 All: -85.560+/-0.000 χ^2/NDF : 114866151942

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



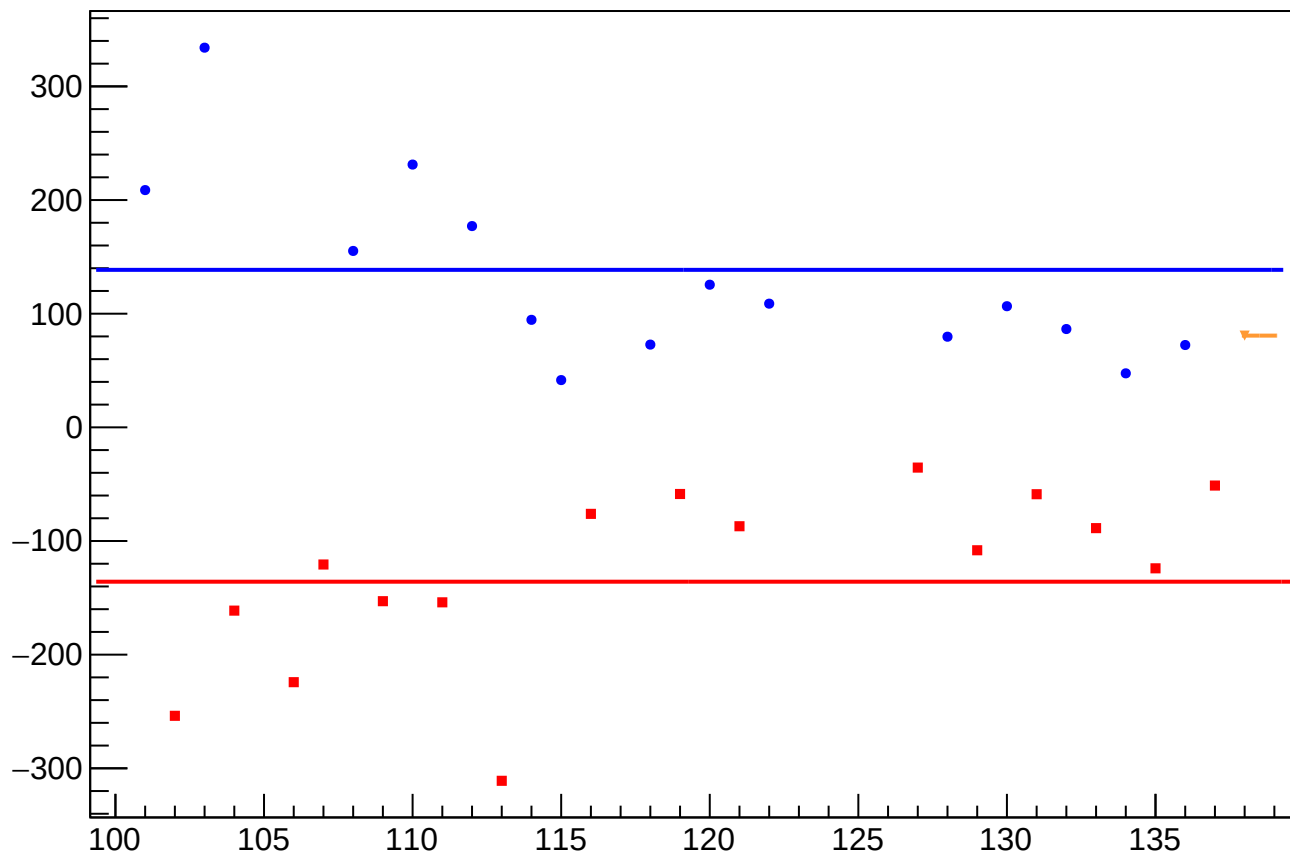
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_sam1_coil1_mean vs Slug, Sign Corrected



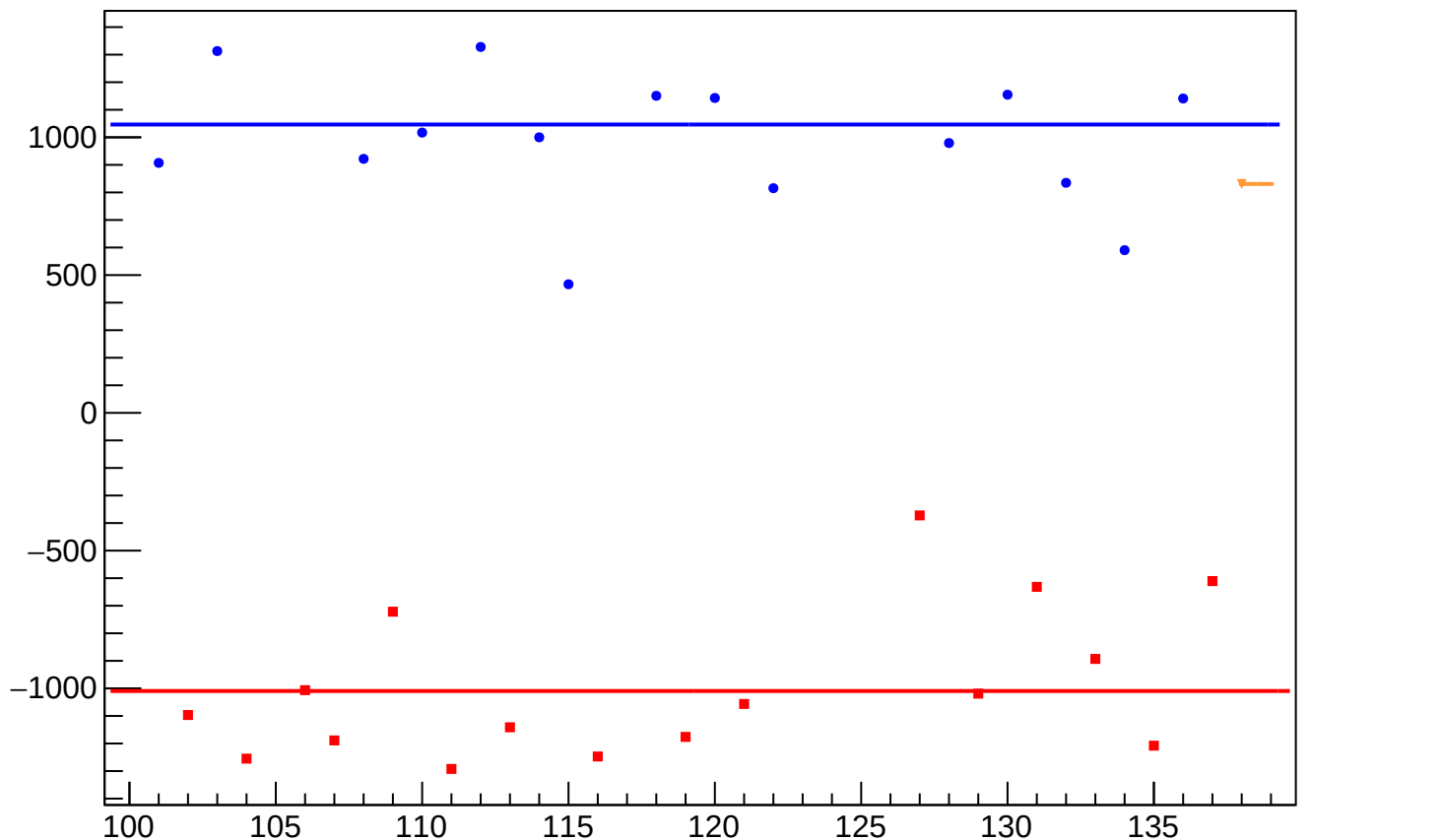
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 2371.926+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Out: -2130.408+/-0.000 χ^2/NDF : 28437367436790.0/14
 All: 203.172+/-0.000 χ^2/NDF : 128781025548.0/14

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



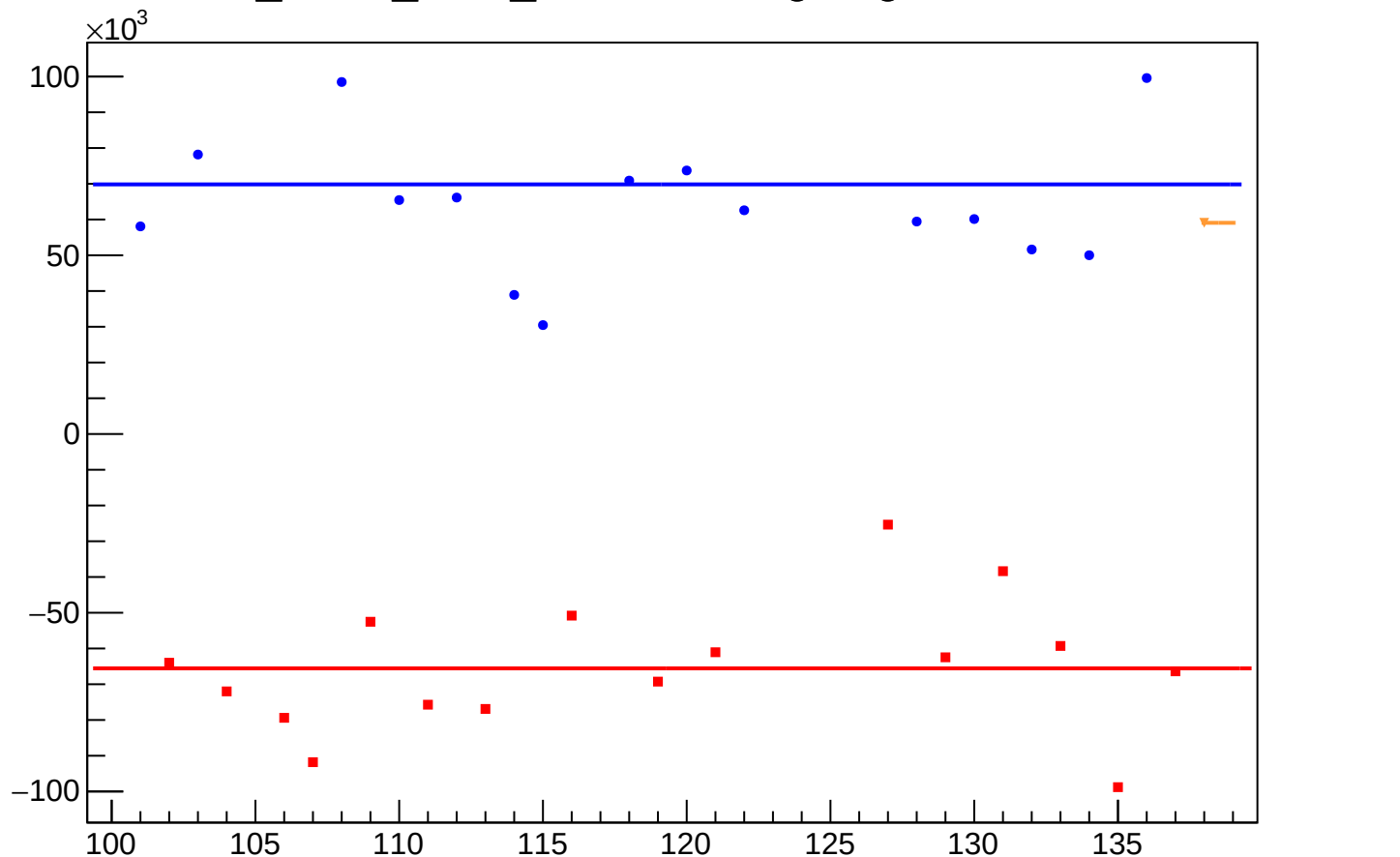
Left: 80.711+/-0.000 χ^2/NDF : 0.0/0
 Right In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14
 Right: -0.492+/-0.000 χ^2/NDF : 3296375379571767
 Left Out: 80.711+/-0.000 χ^2/NDF : 0.0/0
 In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14
 Right Out: -135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15
 Out: -113.139+/-0.000 χ^2/NDF : 723026126945438
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.051+/-0.000 χ^2/NDF : 33449307927932

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



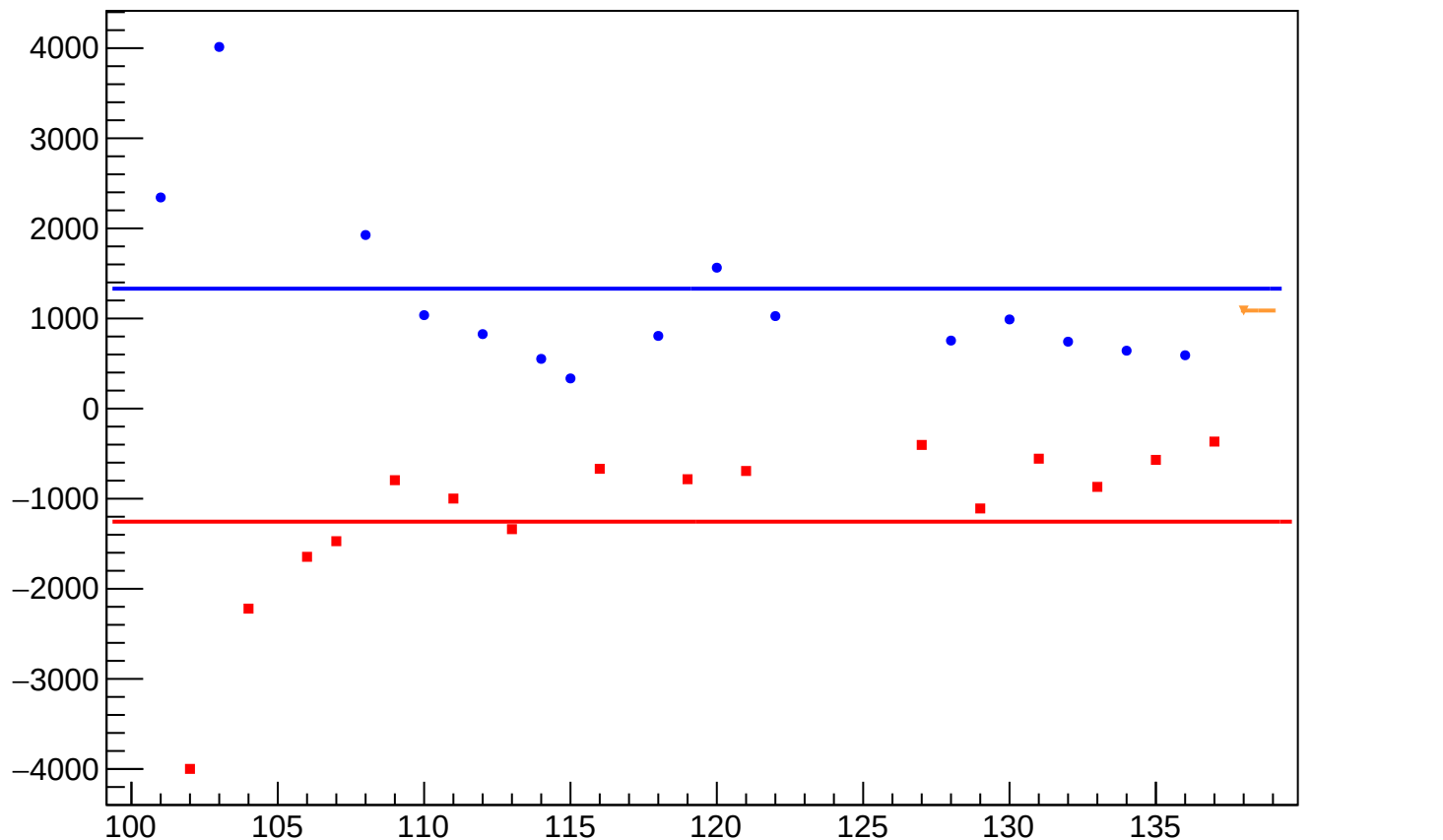
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_sam2_coil1_mean vs Slug, Sign Corrected



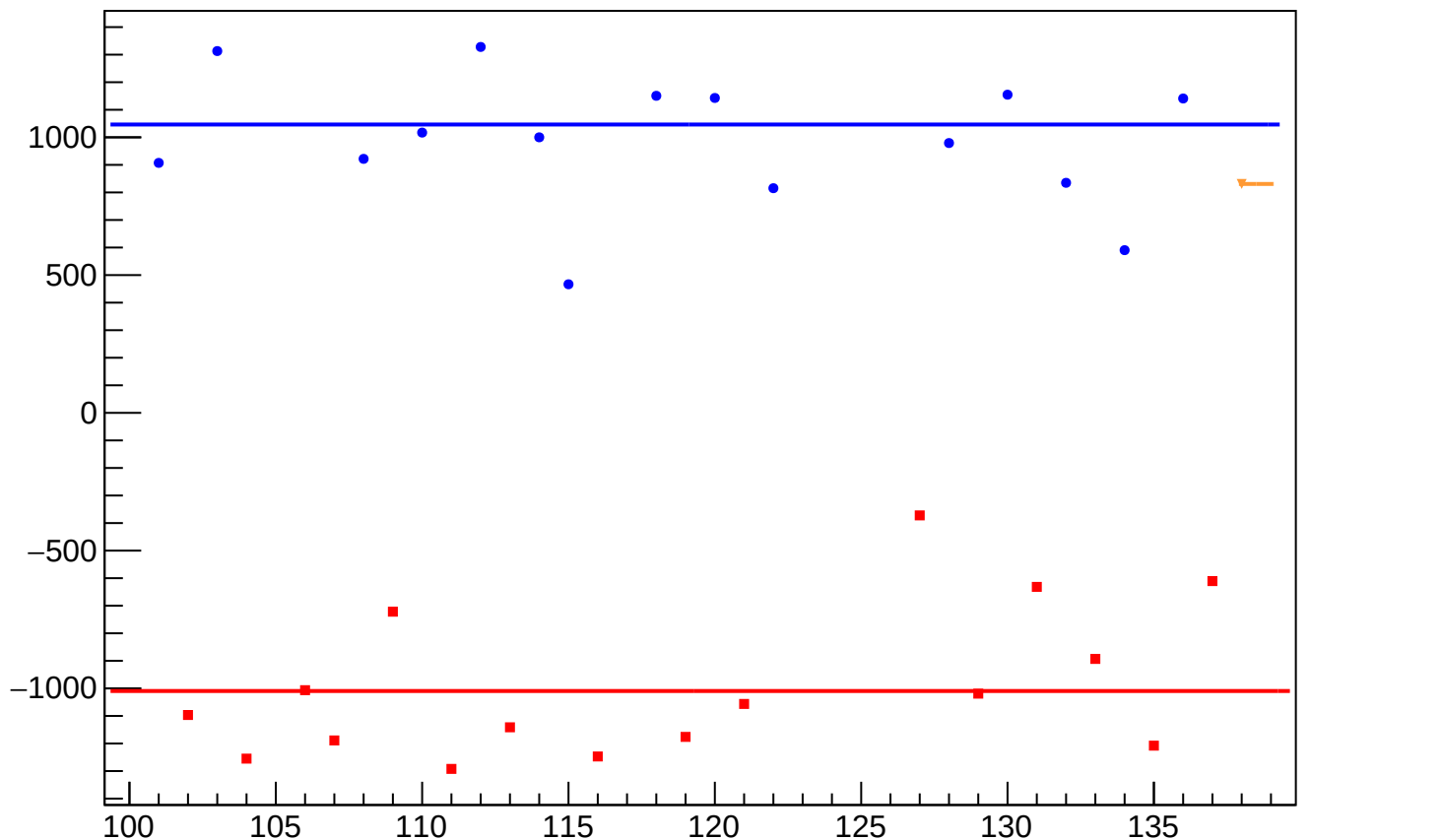
Right In: 69827.797 ± 0.000 $\chi^2/\text{NDF}: 187803282116493131197684060541288926150656.0/14$
 Left Out: 59079.691 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -65555.147 ± 0.000 $\chi^2/\text{NDF}: 212001467811386750910625783195999741673472.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 4448.474 ± 0.000 $\chi^2/\text{NDF}: 66753612479$

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



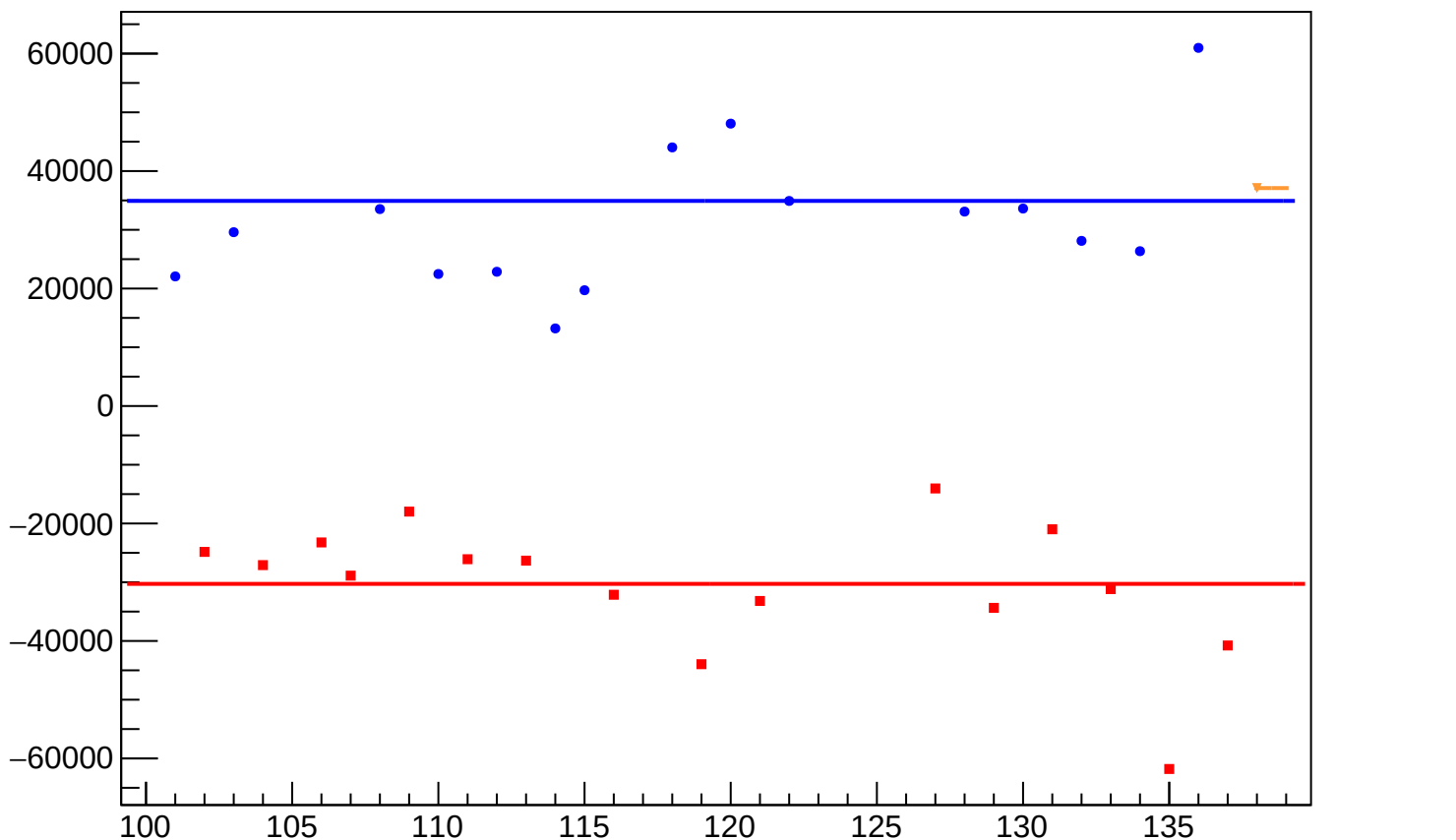
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1088.198+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Out: -1009.557+/-0.000 χ^2/NDF : 10155243275830
 All: 80.108+/-0.000 χ^2/NDF : 3565034511707

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



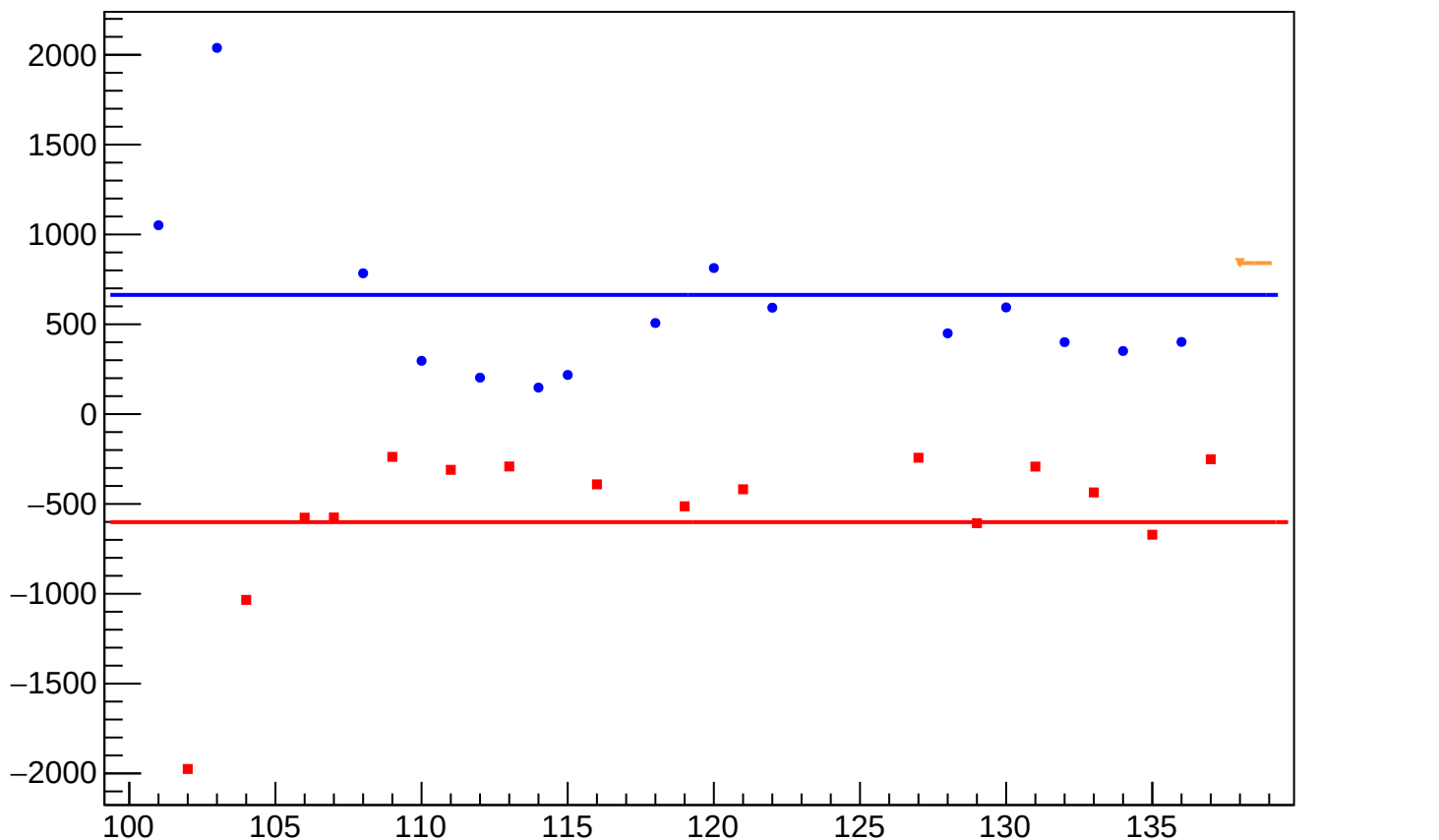
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_sam3_coil1_mean vs Slug, Sign Corrected



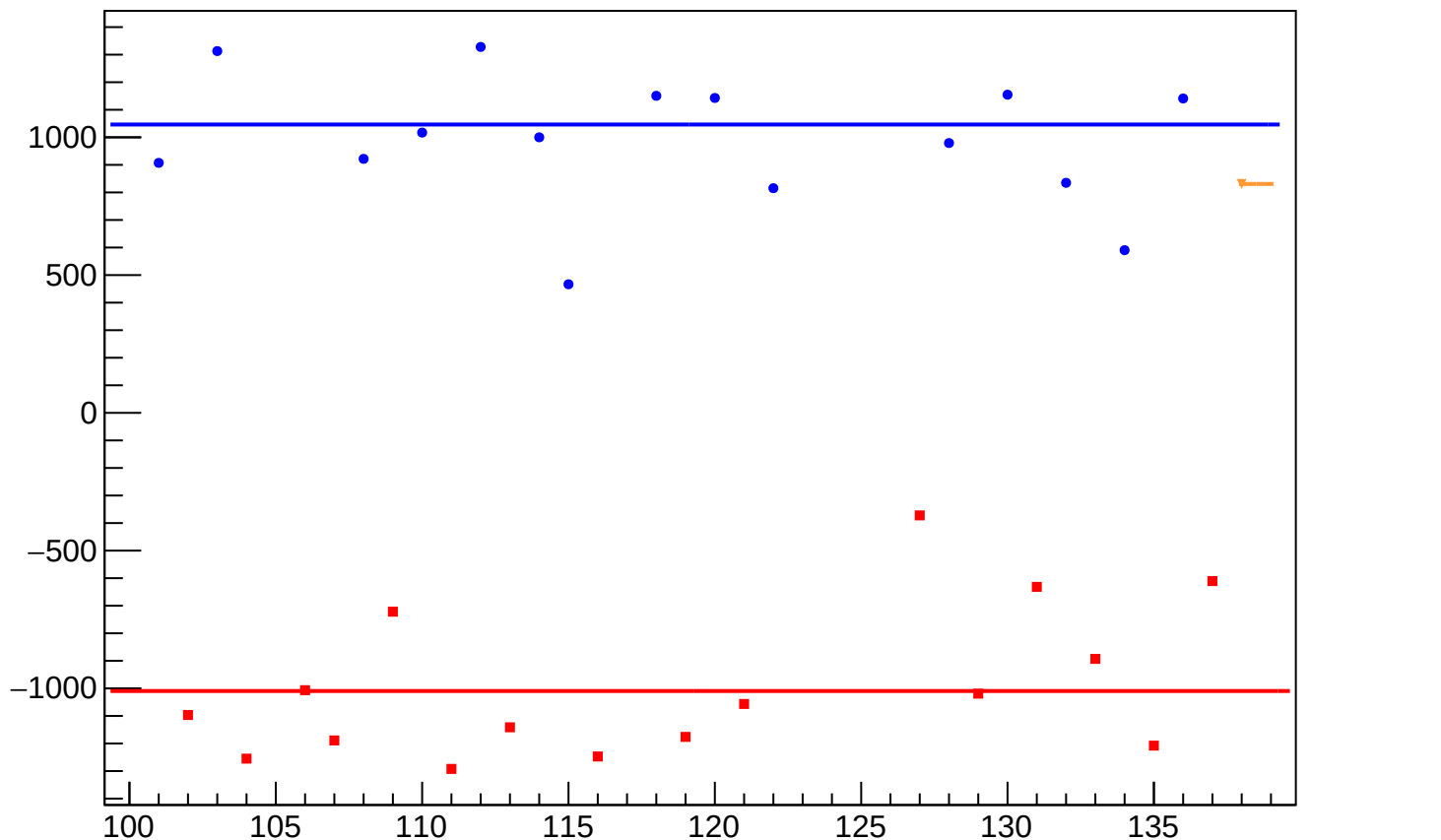
Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 37101.415+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -30282.373+/-0.000 χ^2/NDF : 88346165266593126627598951693506073067520.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3843.947+/-0.000 χ^2/NDF : 16845396922

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



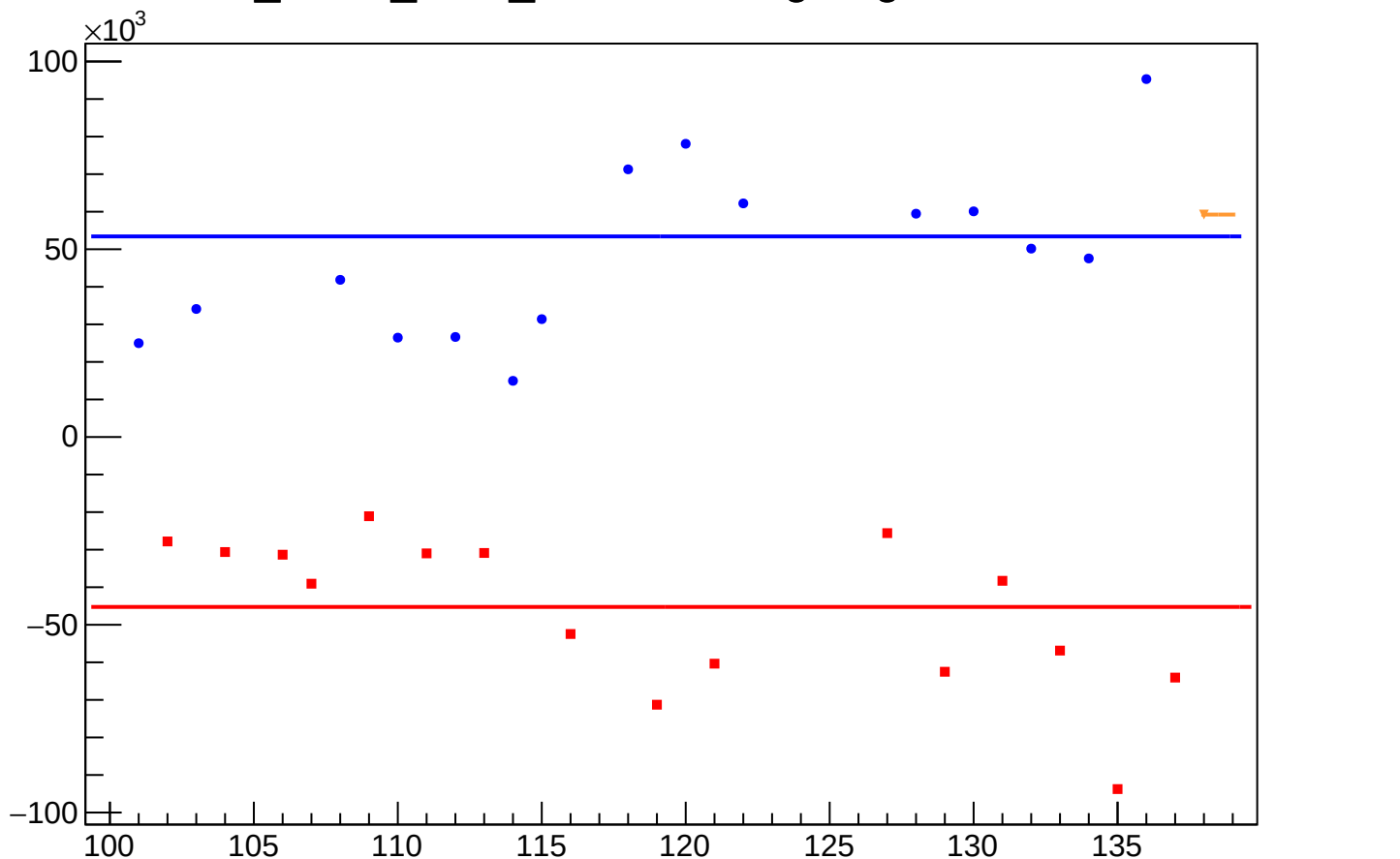
Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14
 Left Out: 840.919+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14
 Out: -450.227+/-0.000 χ^2/NDF : 29495448525785322886914966597312446464.0/14
 All: 68.321+/-0.000 χ^2/NDF : 882928480932720822886914966597312446464.0/14

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



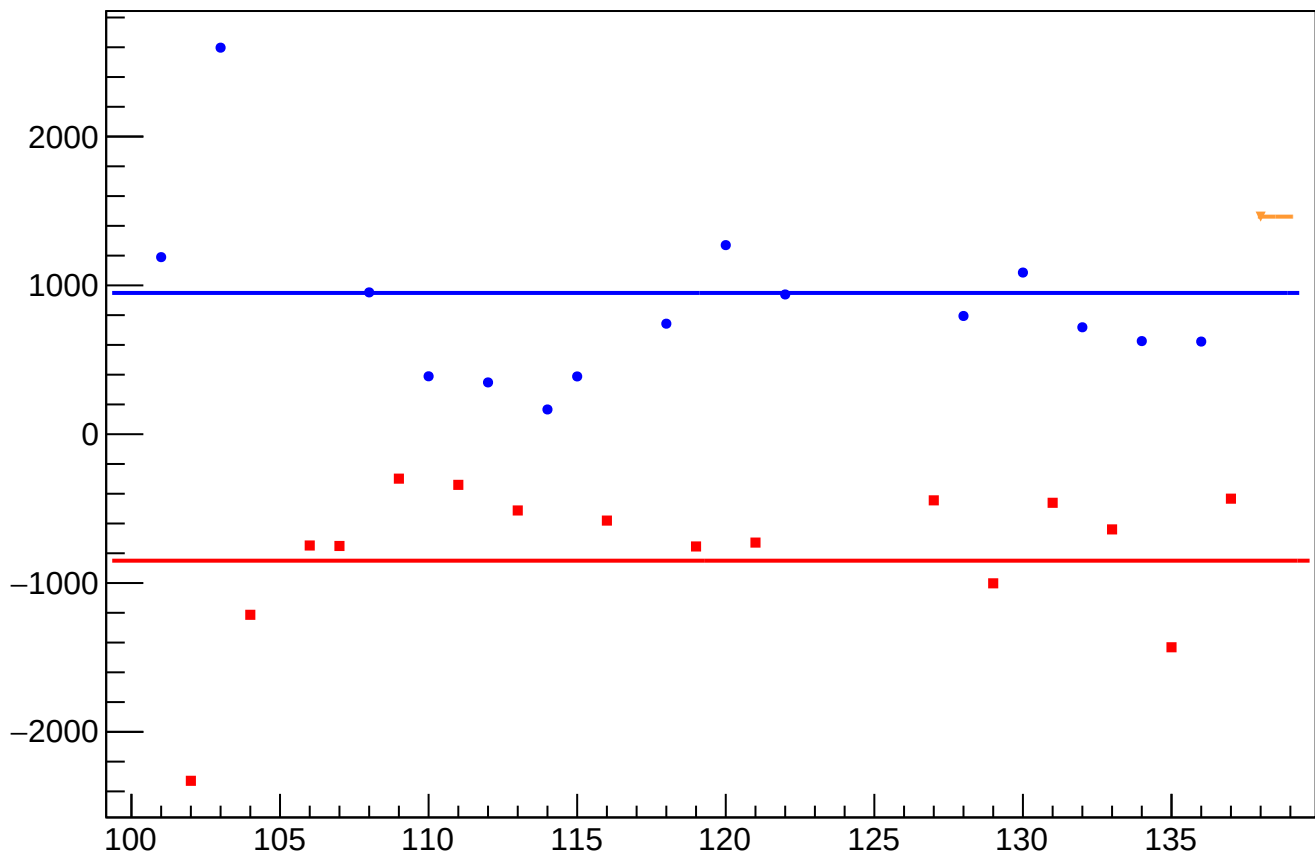
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_sam4_coil1_mean vs Slug, Sign Corrected



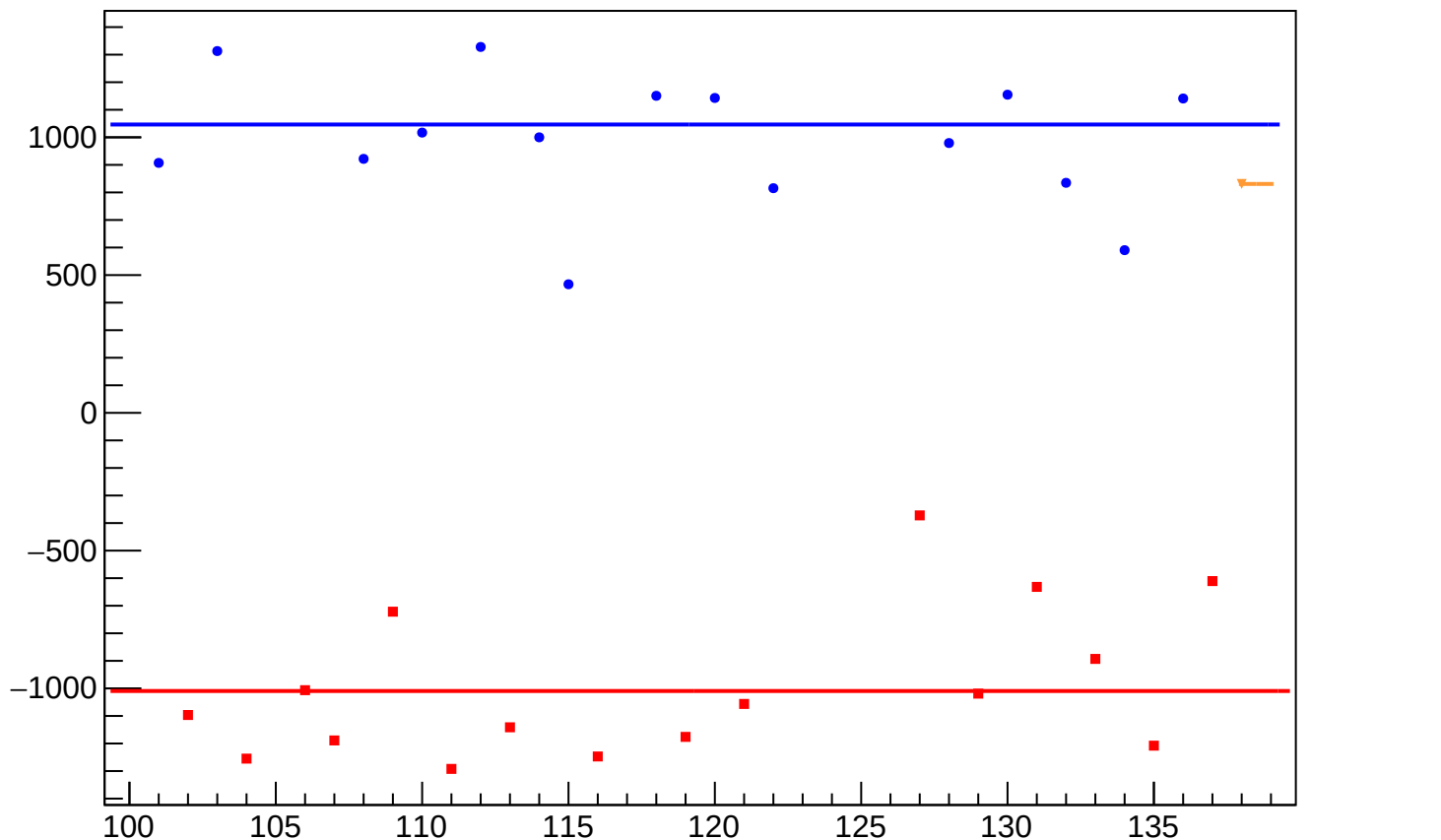
Right In: 53422.452 $\pm$ 0.000 χ^2 /NDF: 36063575731513380013375112316777346551808.0/14
 Left Out: 59235.827 $\pm$ 0.000 χ^2 /NDF:4129285617.9/0
 Right Out: -45247.617 $\pm$ 0.000 χ^2 /NDF: 286060196488034430215784613374055547928576.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 6536.159 $\pm$ 0.000 χ^2 /NDF: 40786345712

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



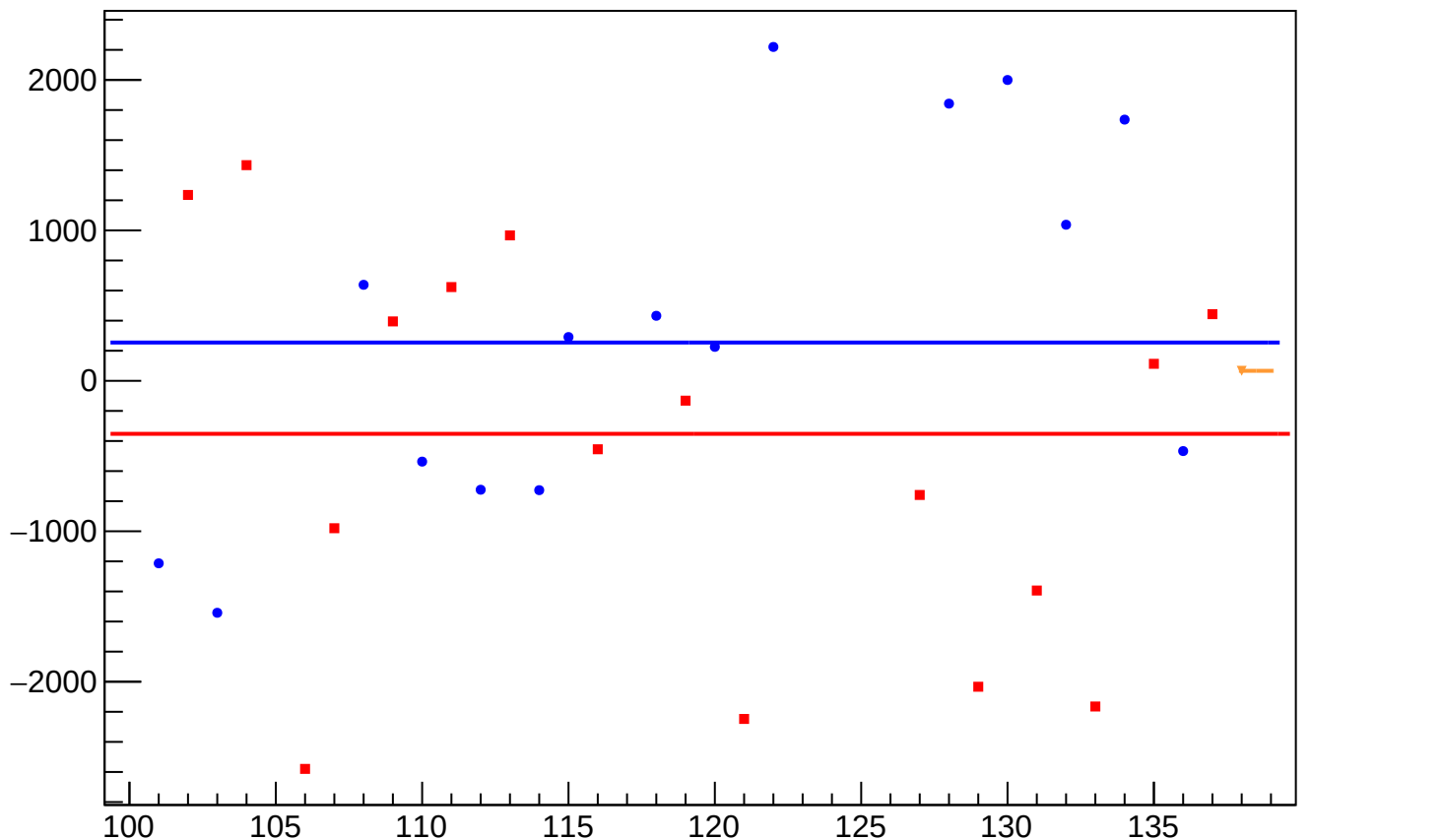
Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14
 Left Out: 1461.880+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14
 Out: -607.796+/-0.000 χ^2/NDF : 577811772016477
 All: 117.088+/-0.000 χ^2/NDF : 164433881328

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



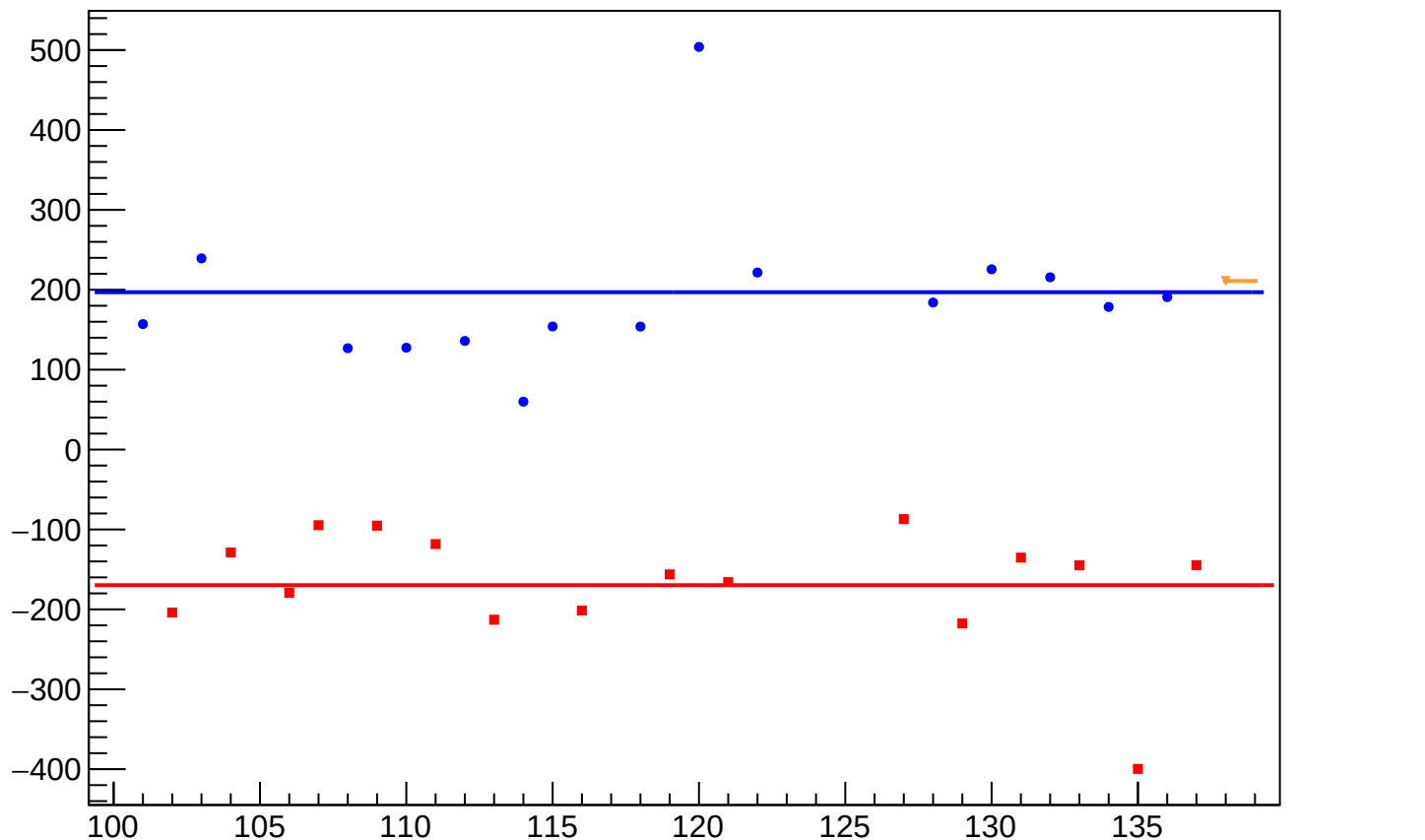
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_sam5_coil1_mean vs Slug, Sign Corrected



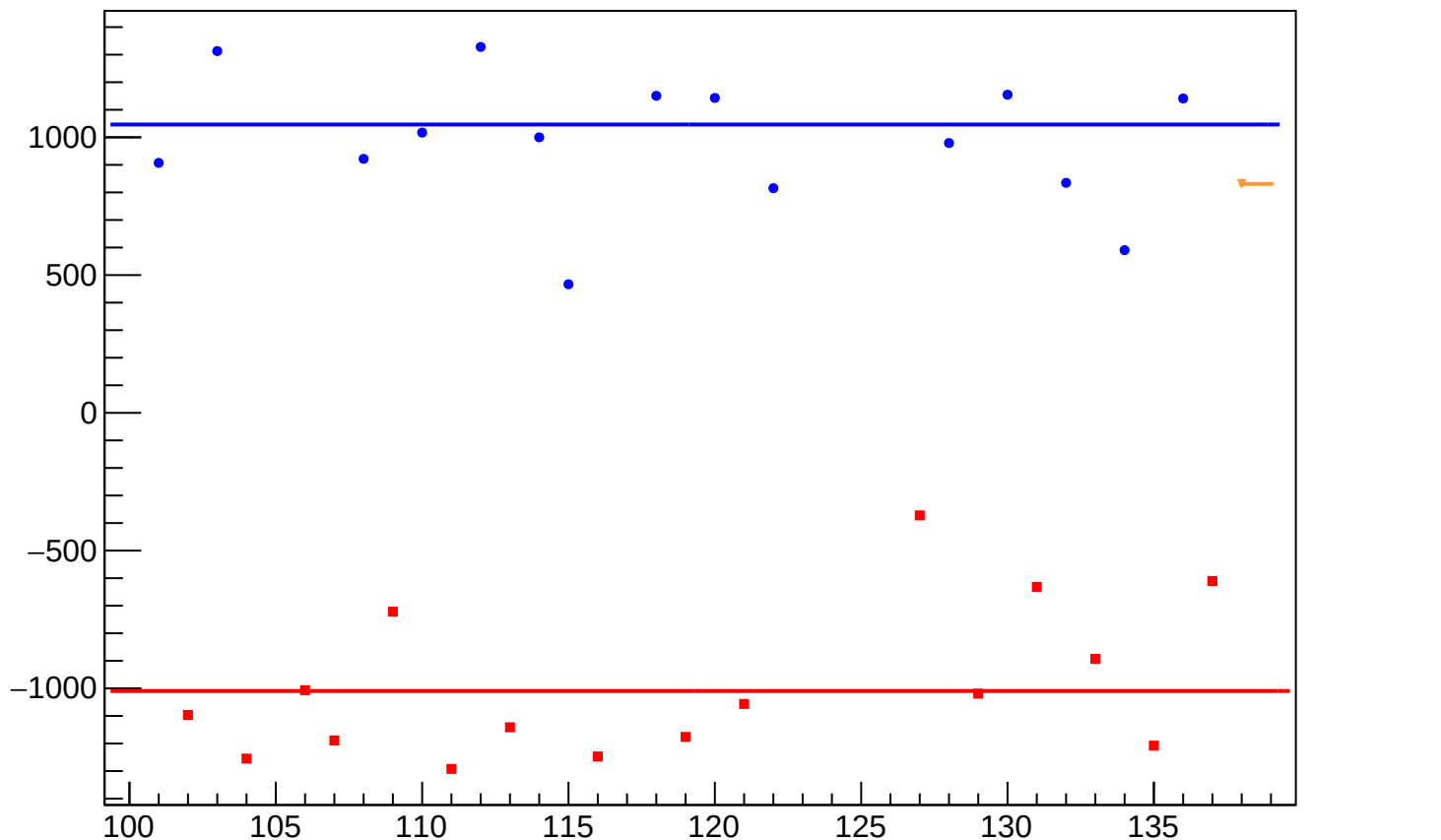
Left: 66.541+/-0.000 χ^2/NDF : 0.0/0
 Right: -53.015+/-0.000 χ^2/NDF : 220036732540735
 In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Out: -308.455+/-0.000 χ^2/NDF : 111306483615075
 All: -46.325+/-0.000 χ^2/NDF : 220141984492
 Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: 66.541+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



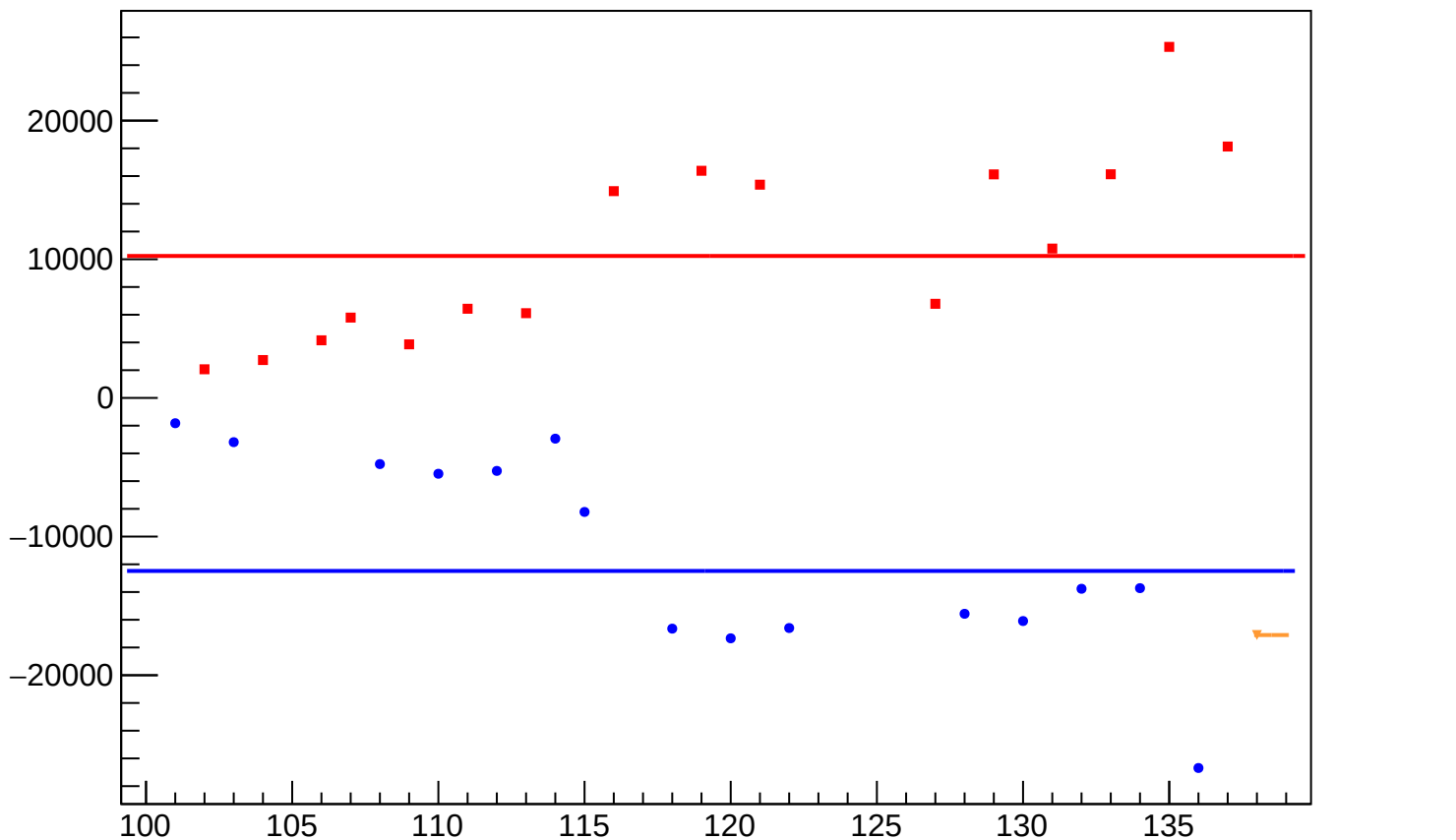
Left: 210.945+/-0.000 χ^2/NDF : 63007.9/0
 Right: 11.081+/-0.000 χ^2/NDF : 5261792058222240
 In: 196.955+/-0.000 χ^2/NDF : 4485245160329657914621372425838788608.0/14
 Out: -129.917+/-0.000 χ^2/NDF : 140149941103870
 All: 22.264+/-0.000 χ^2/NDF : 5555935441687
 Right In: 196.955+/-0.000 χ^2/NDF : 4485245160329657914621372425838788608.0/14
 Left Out: 210.945+/-0.000 χ^2/NDF : 63007.9/0
 Right Out: -169.778+/-0.000 χ^2/NDF : 3892609445494845784493558646385410048.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Out: -816.779+/-0.000 χ^2/NDF : 281086403539326
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: -12479.653+/-0.000

Left Out: -17101.989+/-0.000

Right Out: 10238.098+/-0.000

Left In: 0.000+/-0.000

χ^2/NDF : 41178633231253805317353333973475271901184.0/14

χ^2/NDF : 1032321404.5/0

χ^2/NDF : 31227861126159534031961501923223718068224.0/15

χ^2/NDF : 0.0/0

Left: -17101.989+/-0.000

Right: -965.413+/-0.000

In: -12479.653+/-0.000

Out: 7375.646+/-0.000

All: -1868.320+/-0.000

χ^2/NDF : 1032321404.5/0

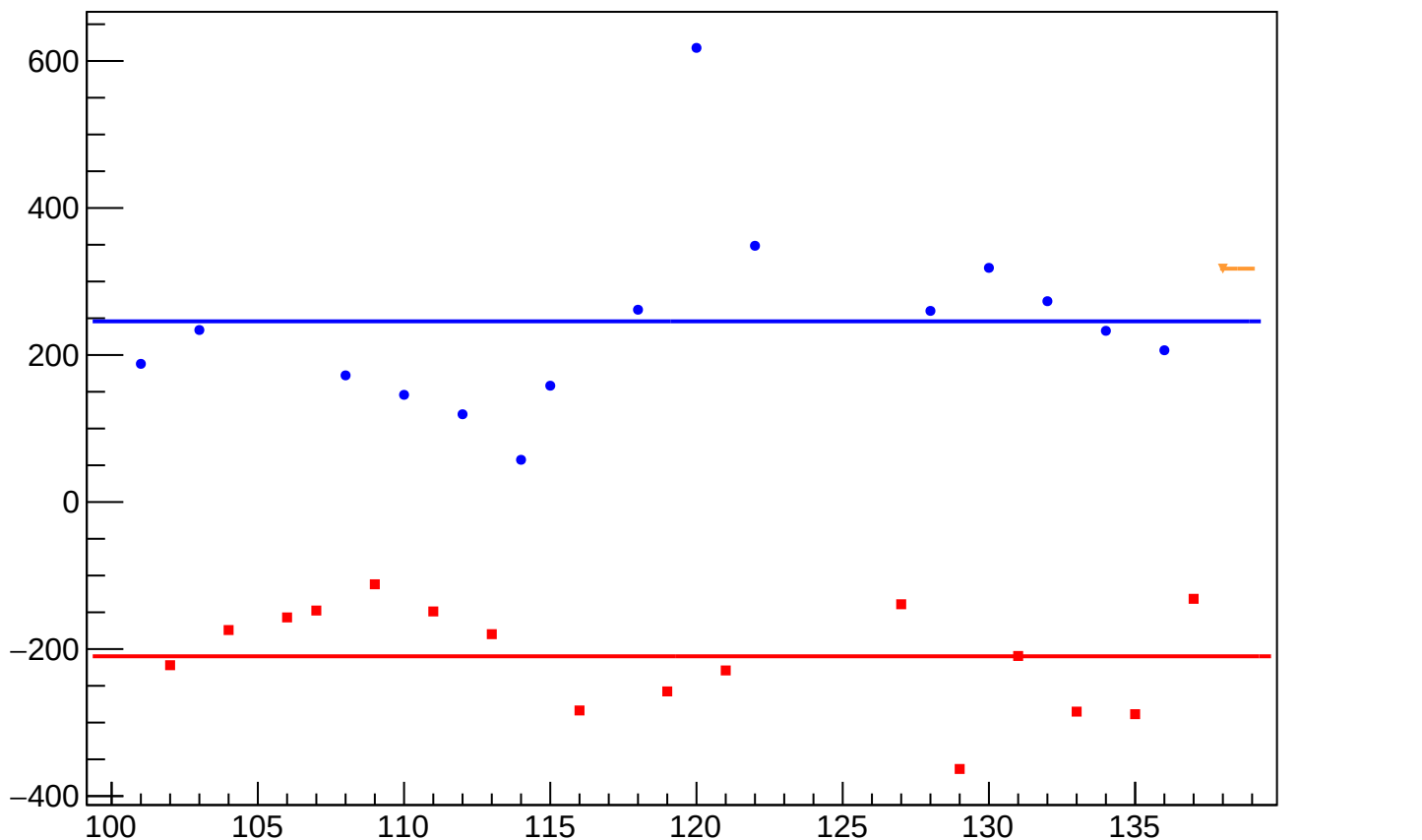
χ^2/NDF : 24217037814564

χ^2/NDF : 41178633231253

χ^2/NDF : 834270729684396

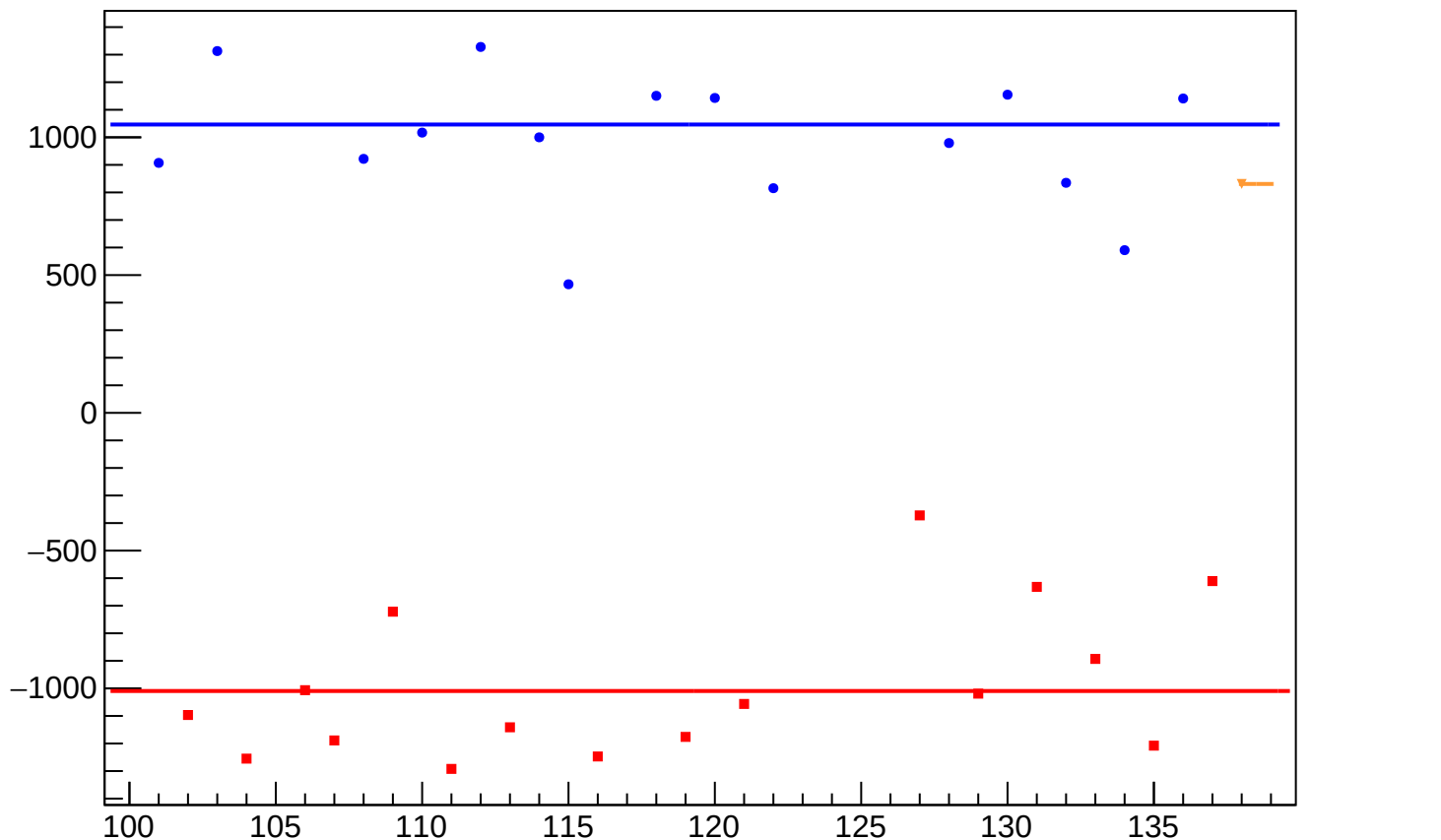
χ^2/NDF : 2613442799

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



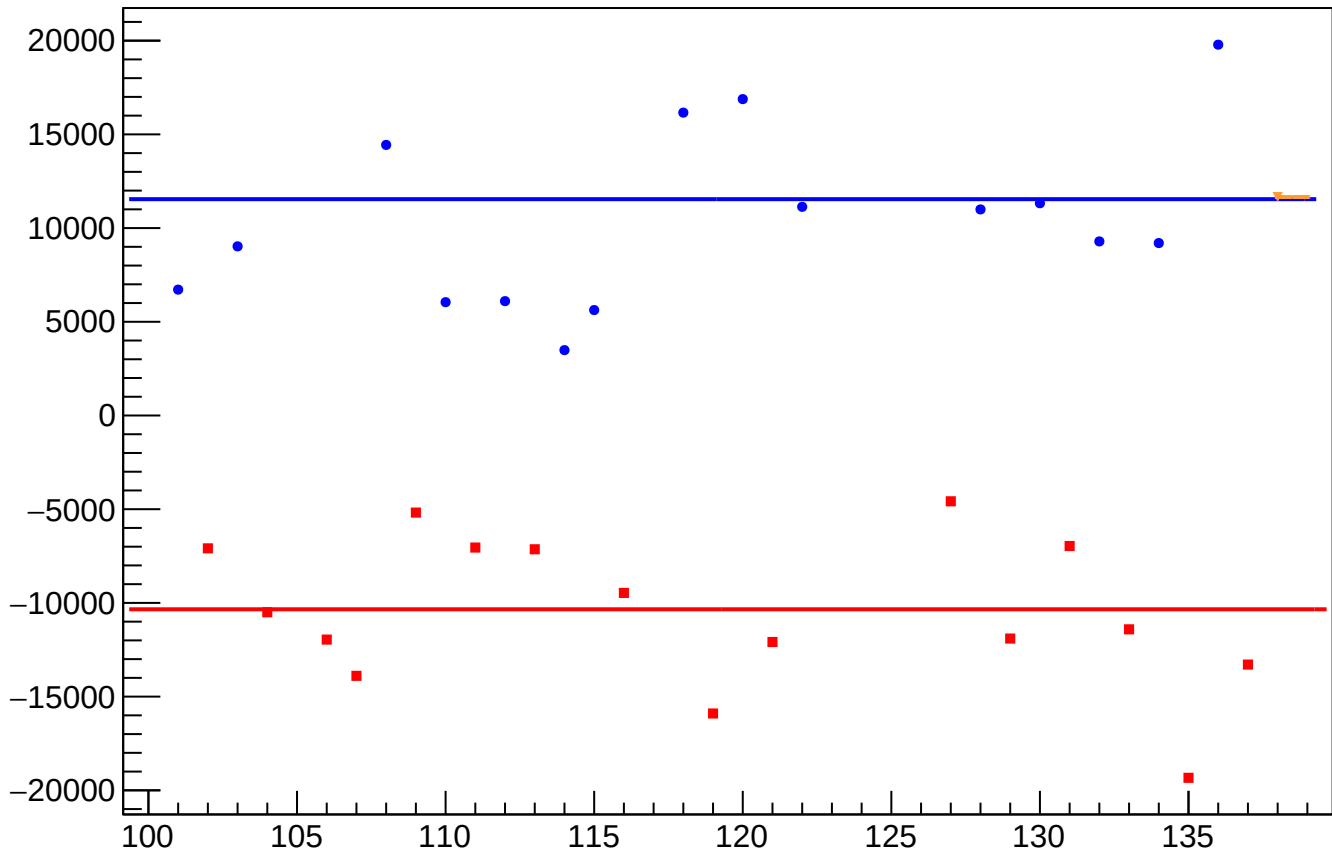
Right In: 245.832+/-0.000 χ^2/NDF : 7828269009300013139414476154059358208.0/14
 Left Out: 317.492+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -209.844+/-0.000 χ^2/NDF : 3128489258838765241921217786024034304.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 245.832+/-0.000 χ^2/NDF : 7828269009300013139414476154059358208.0/14
 Out: -154.633+/-0.000 χ^2/NDF : 225480099124741
 All: 31.811+/-0.000 χ^2/NDF : 8600099840712

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



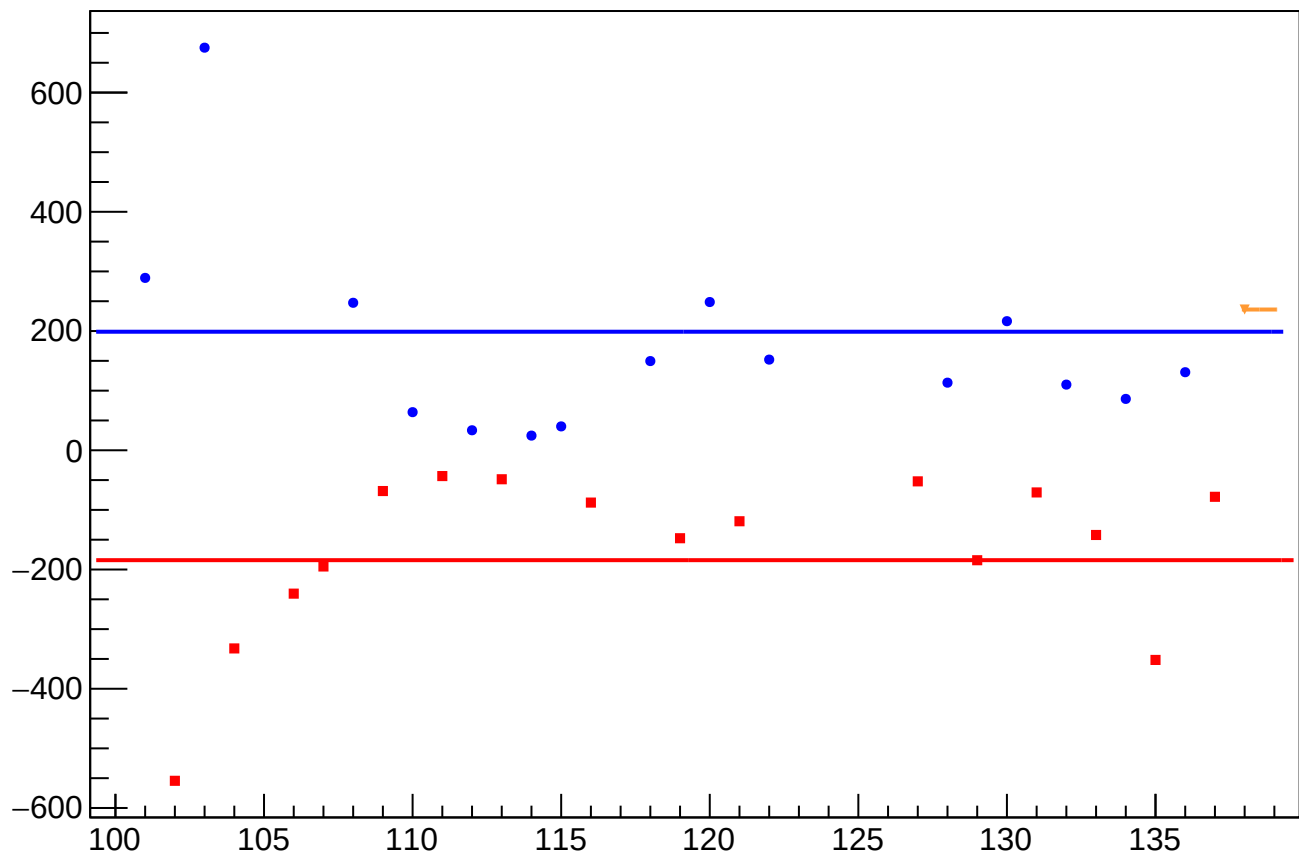
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Out: -816.779+/-0.000 χ^2/NDF : 281086403539326
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_sam7_coil1_mean vs Slug, Sign Corrected



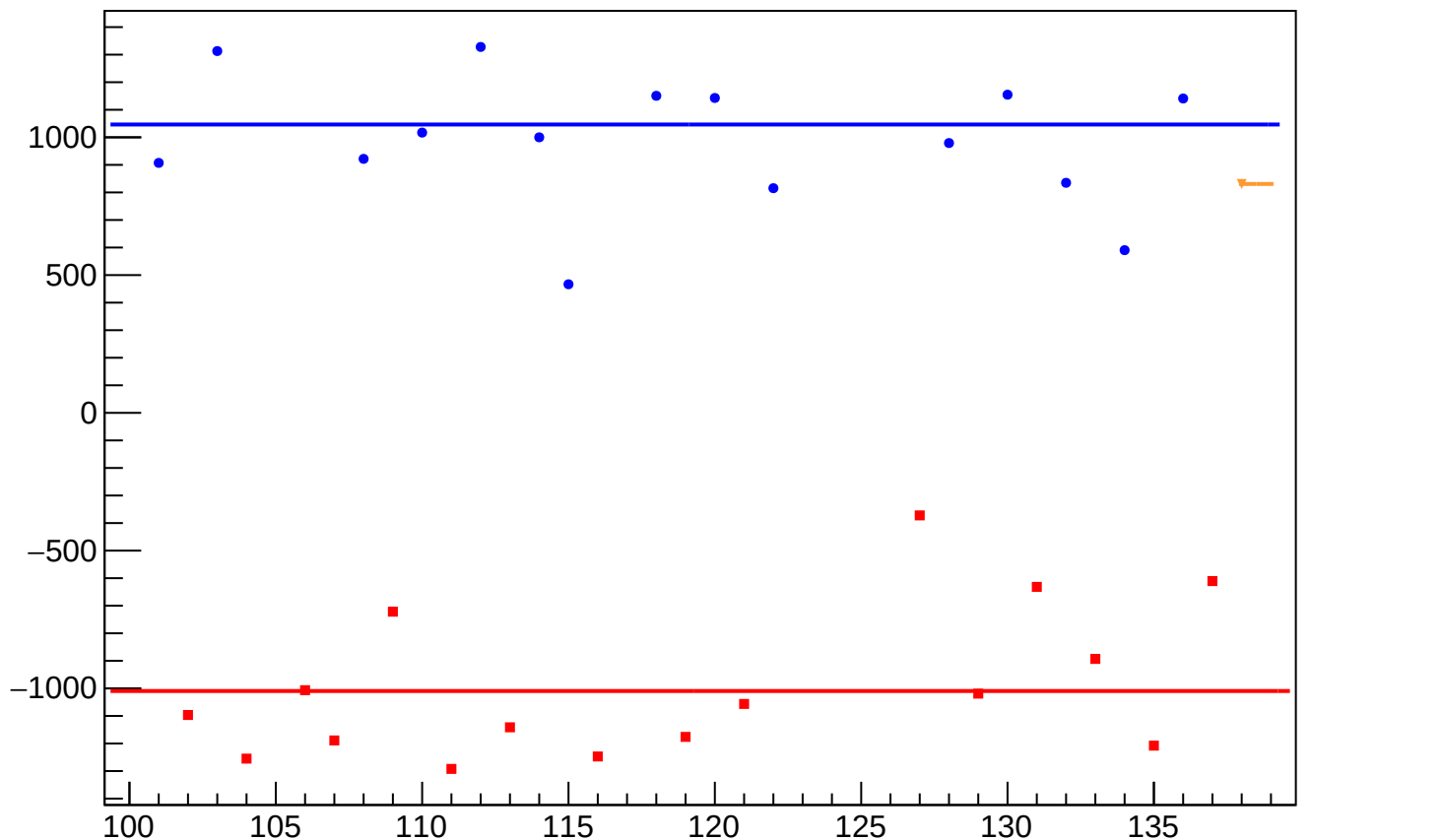
Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 11655.989+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Out: -8037.036+/-0.000 χ^2/NDF : 45047855390564
 All: 1078.665+/-0.000 χ^2/NDF : 19225165152

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



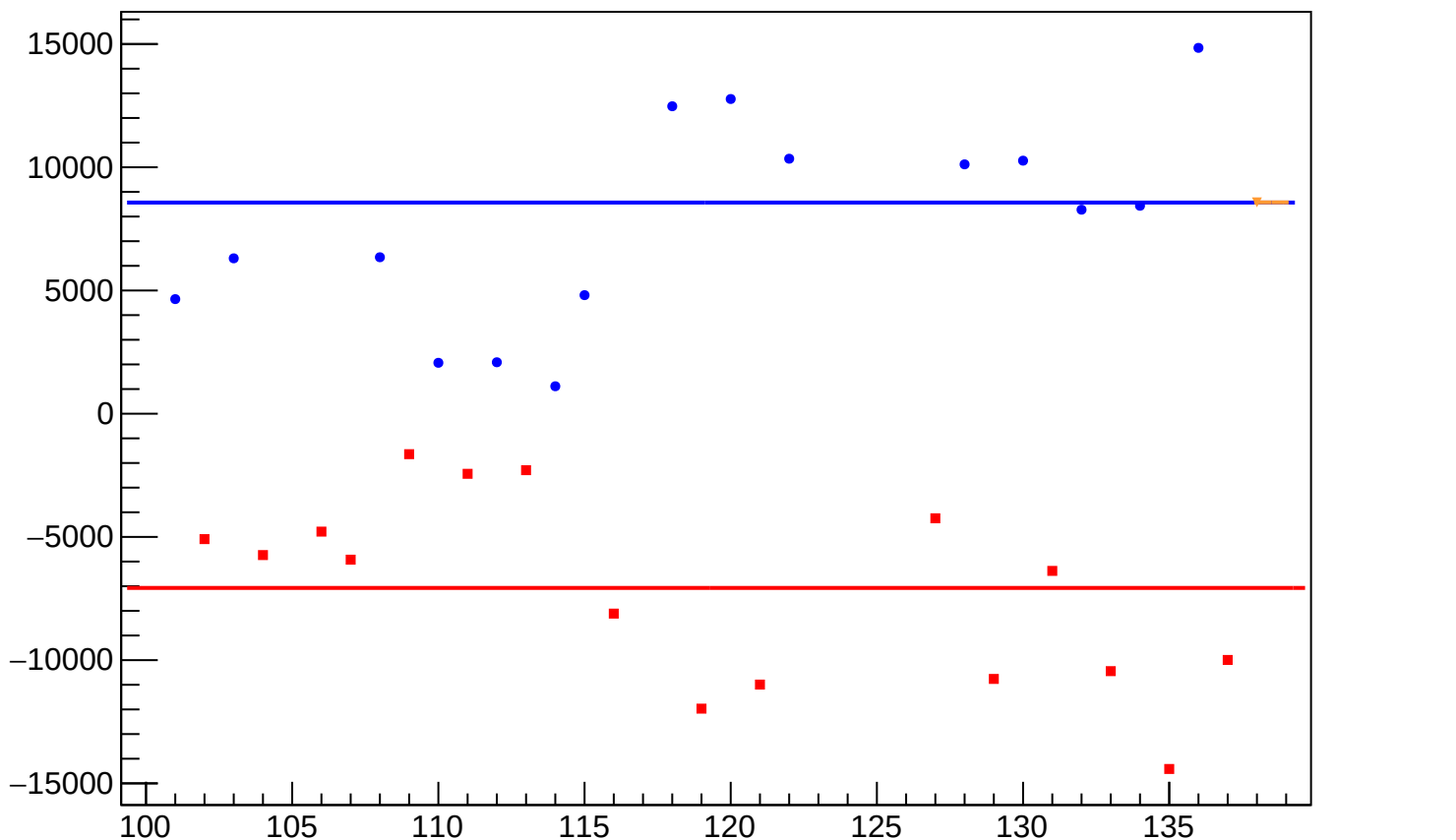
Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14
 Left Out: 236.088+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14
 Out: -140.312+/-0.000 χ^2/NDF : 272704867292262
 All: 17.591+/-0.000 χ^2/NDF : 855026343338

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



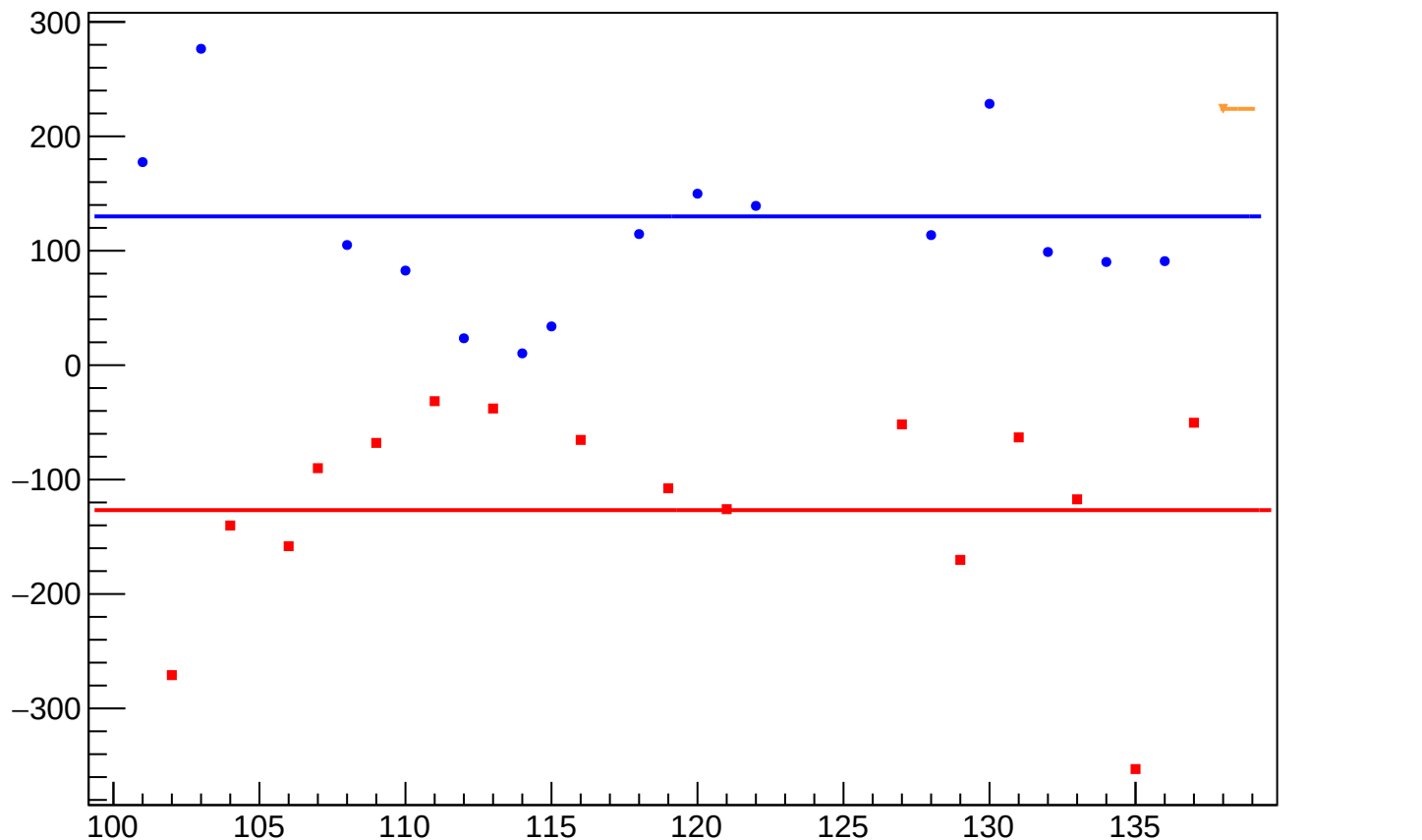
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_sam8_coil1_mean vs Slug, Sign Corrected



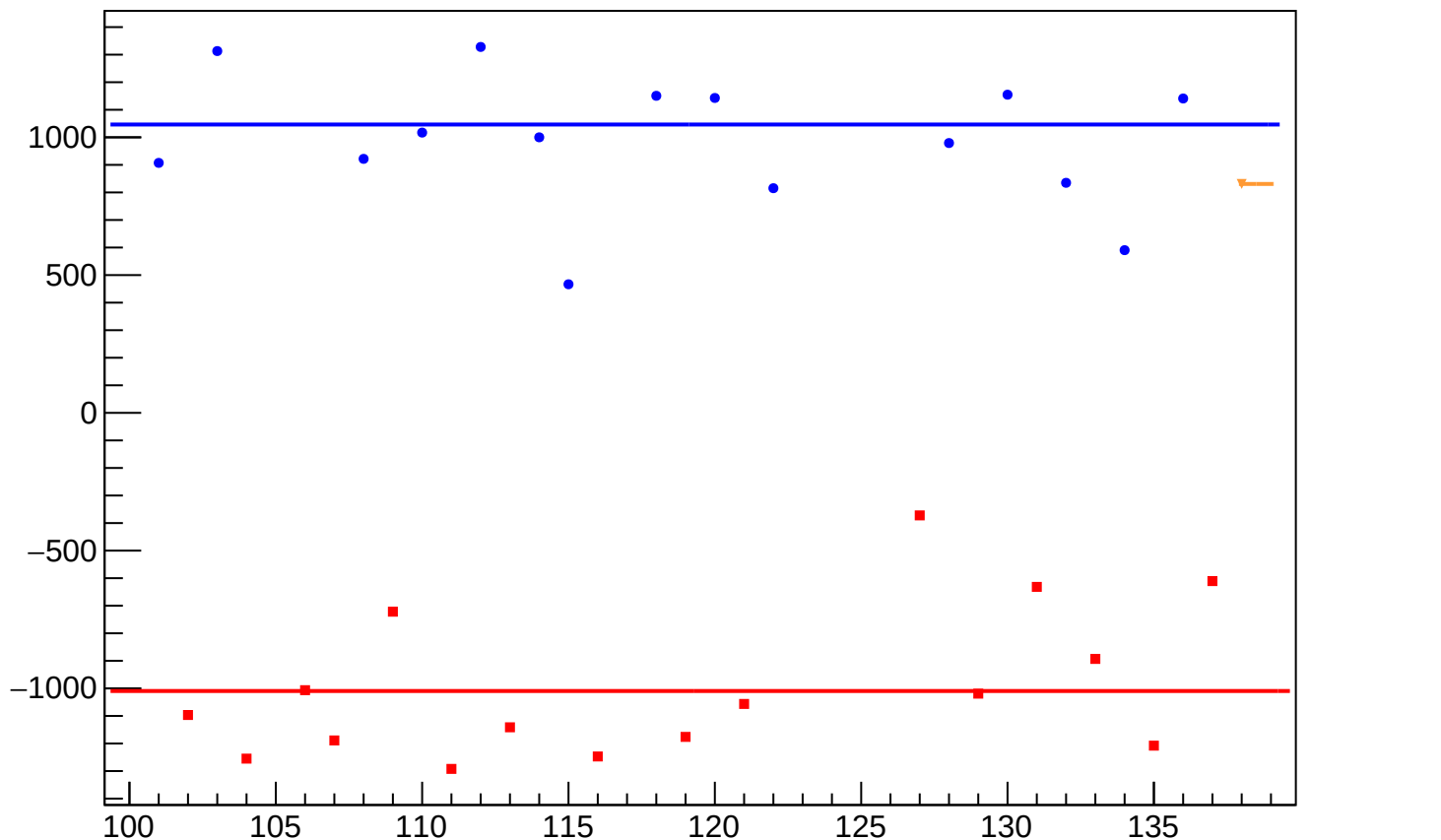
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 8575.422+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1085.913+/-0.000 χ^2/NDF : 10625498683

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



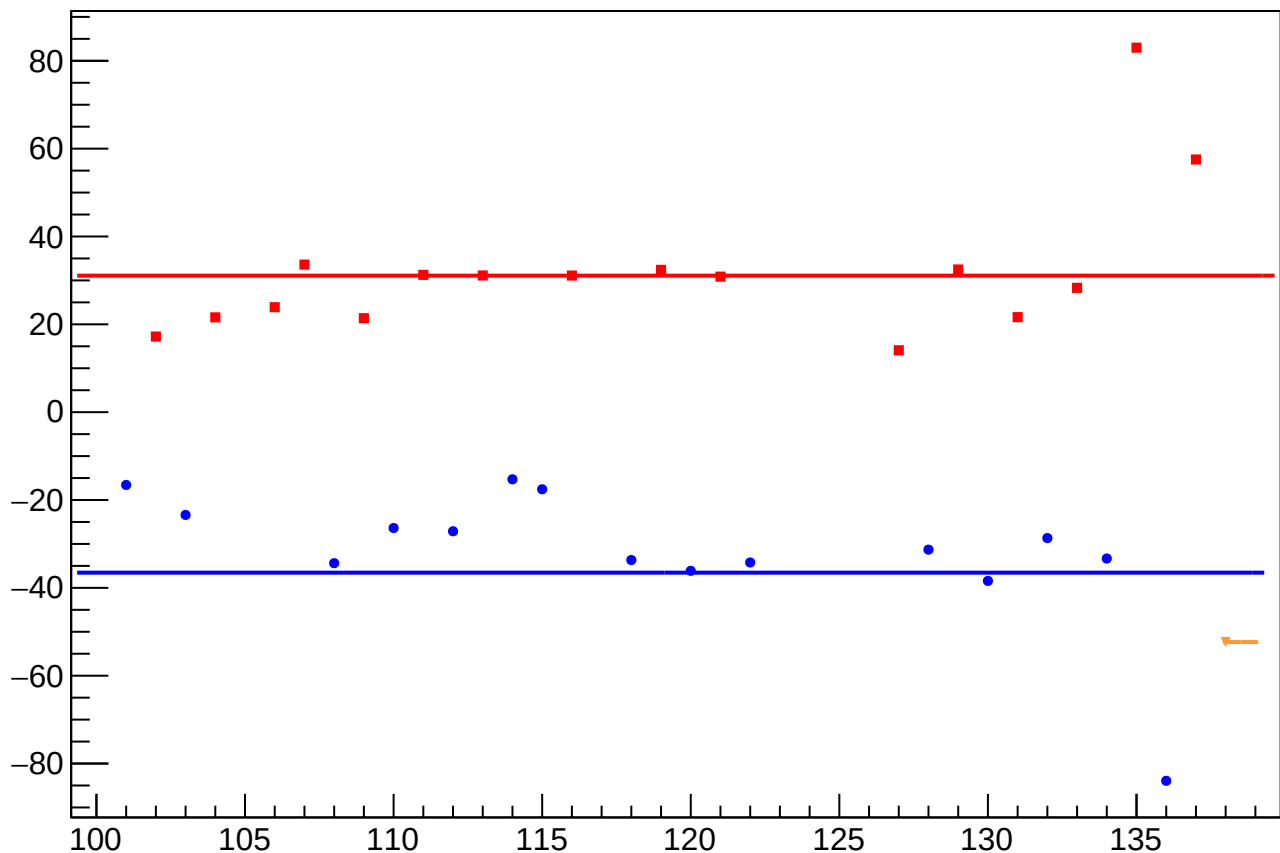
Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 224.040+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Out: -89.986+/-0.000 χ^2/NDF : 1398838039821081
 All: 12.442+/-0.000 χ^2/NDF : 3389204135839

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



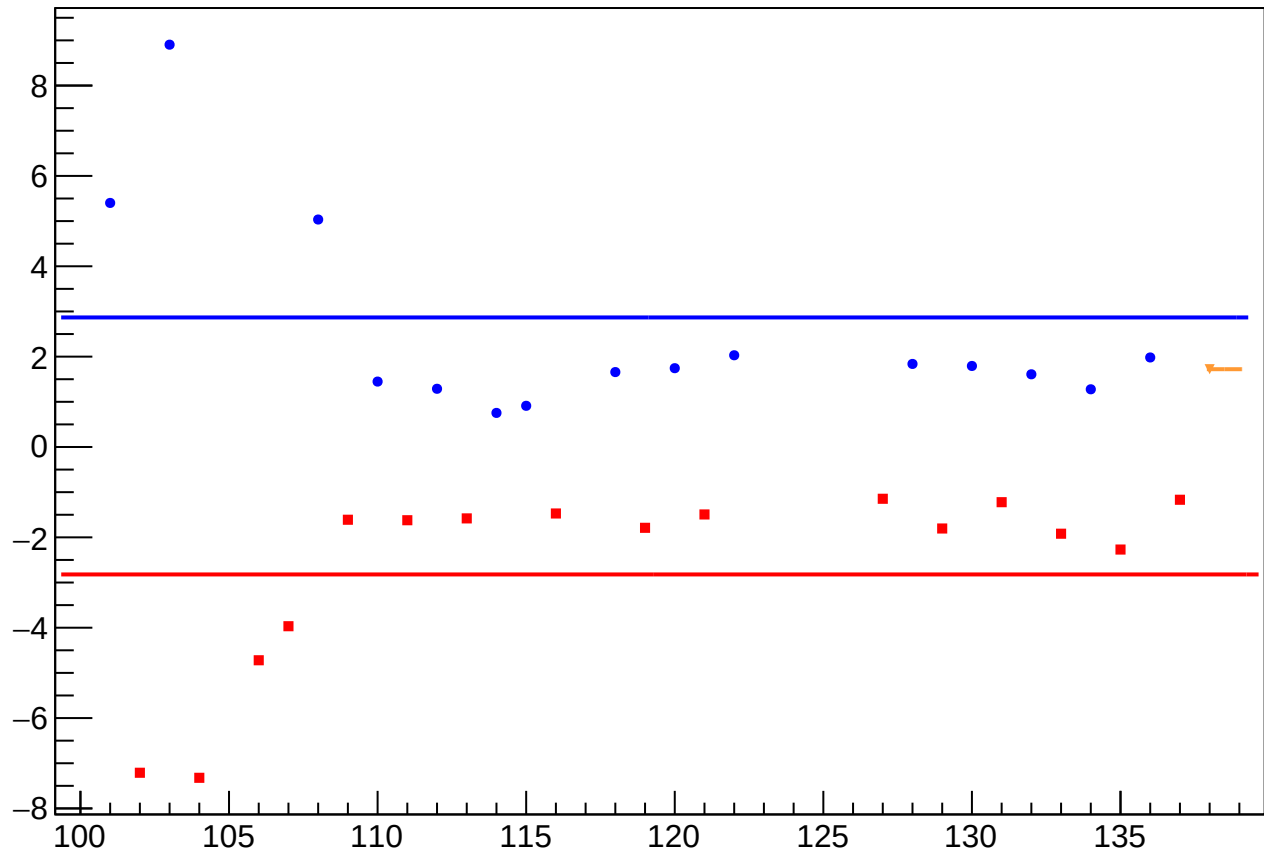
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 50.697+/-0.000 χ^2/NDF : 1510126577913

dit_4aX_coil3_mean vs Slug, Sign Corrected



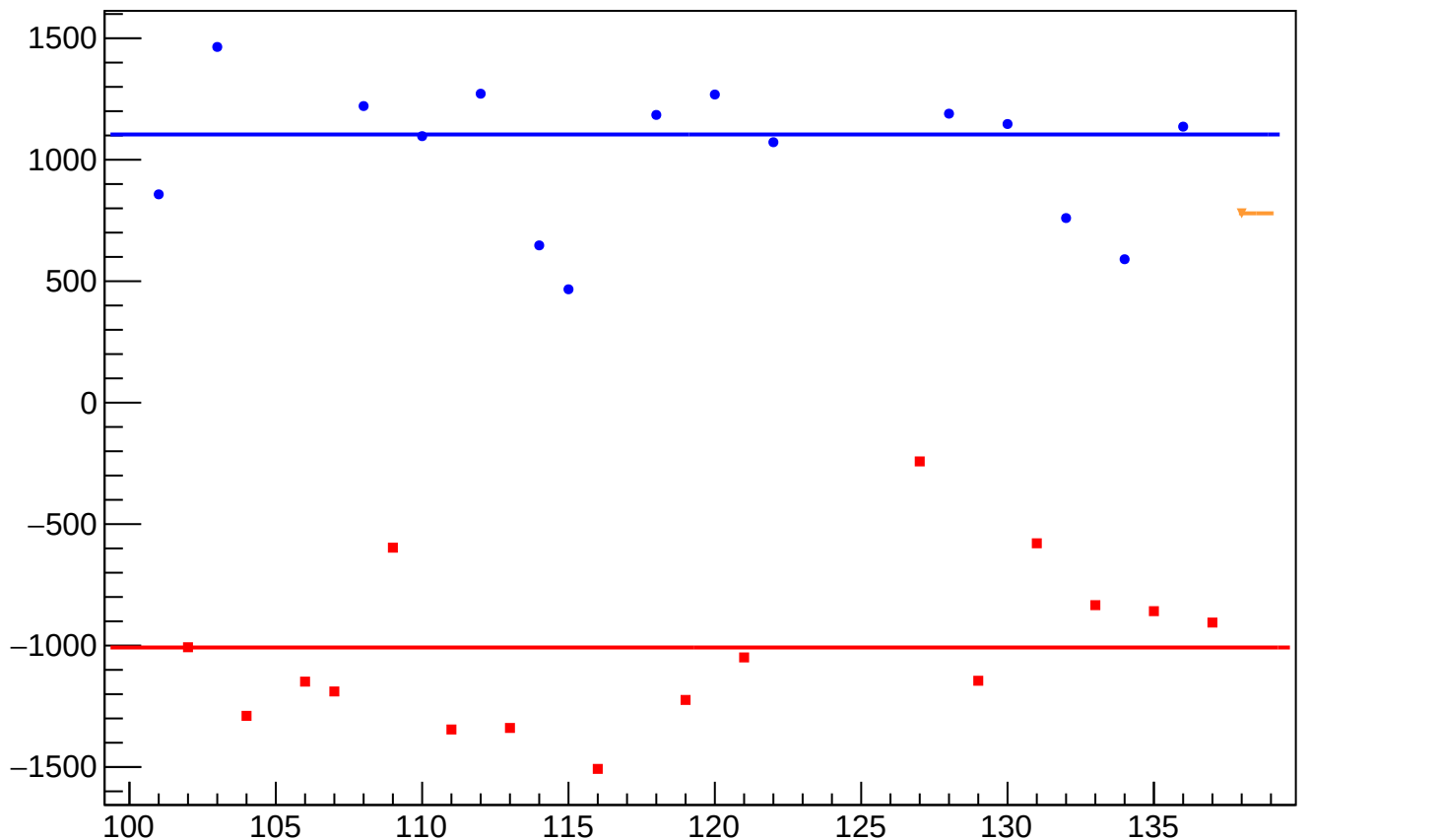
Right In: -36.540 +/- 0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14
 Left Out: -52.334 +/- 0.000 χ^2/NDF : 3938.0/0
 Right Out: 31.085 +/- 0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15
 Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -36.540 +/- 0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14
 Out: 22.351 +/- 0.000 χ^2/NDF : 66724642954687925
 All: -5.066 +/- 0.000 χ^2/NDF : 2124531200318

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



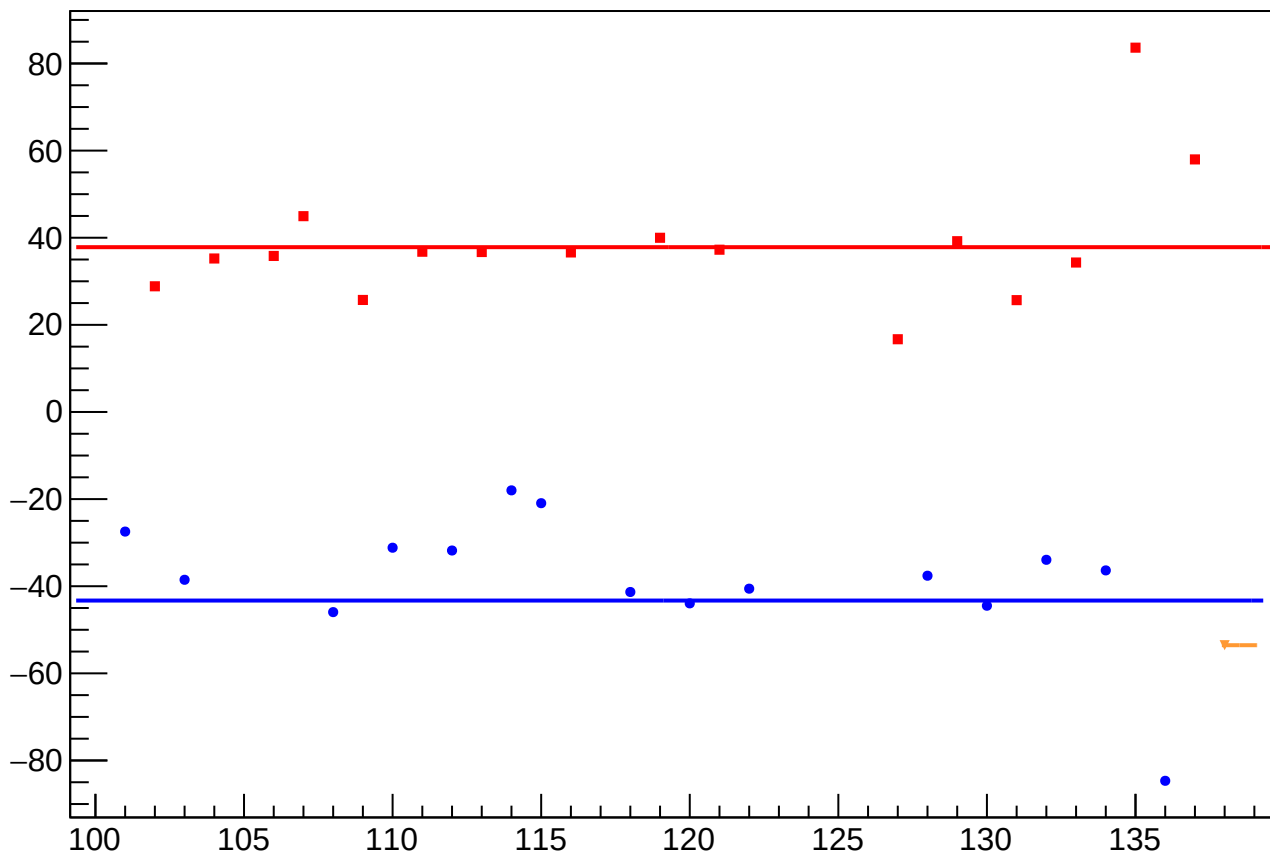
Right In: 2.867+/-0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 1.722+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.821+/-0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.867+/-0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Out: -2.345+/-0.000 χ^2/NDF : 44941121392867415
 All: 0.082+/-0.000 χ^2/NDF : 17374522294585

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



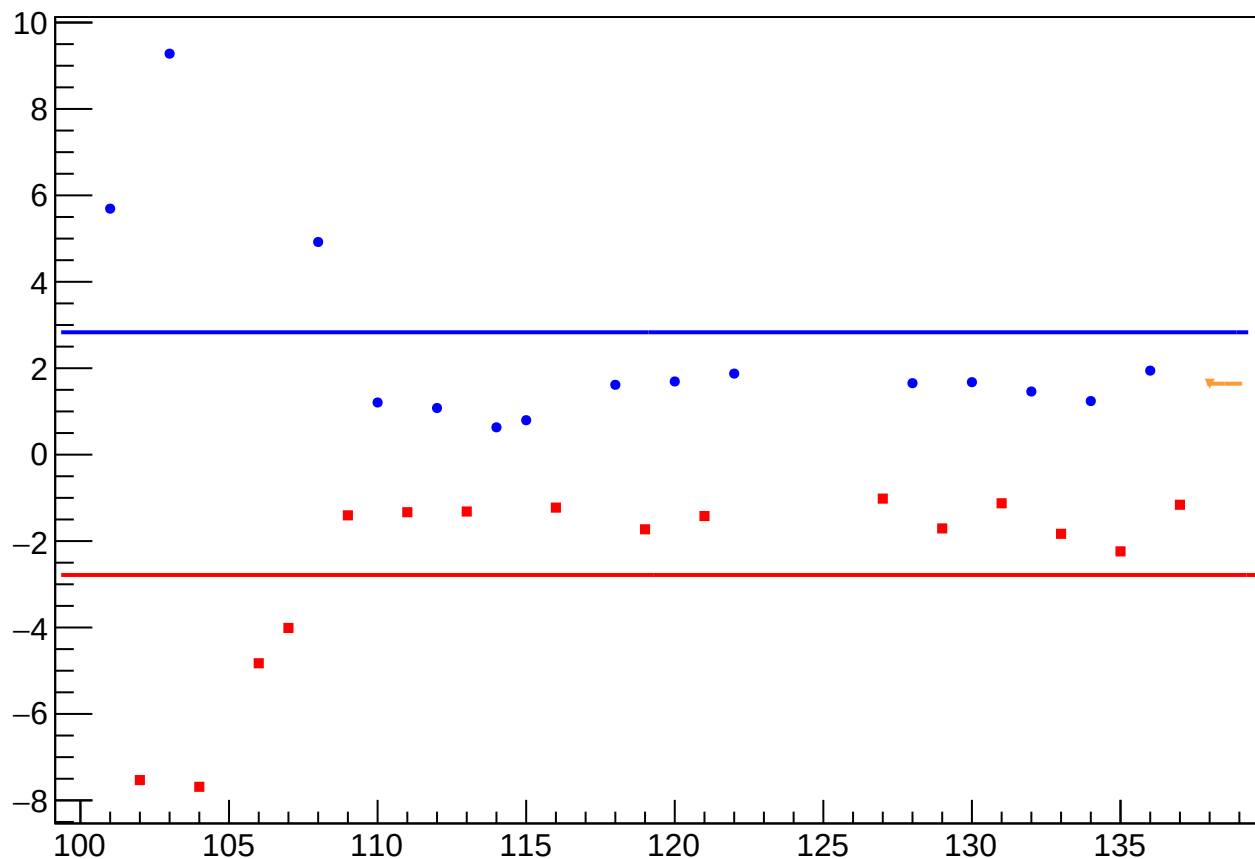
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_4eX_coil3_mean vs Slug, Sign Corrected



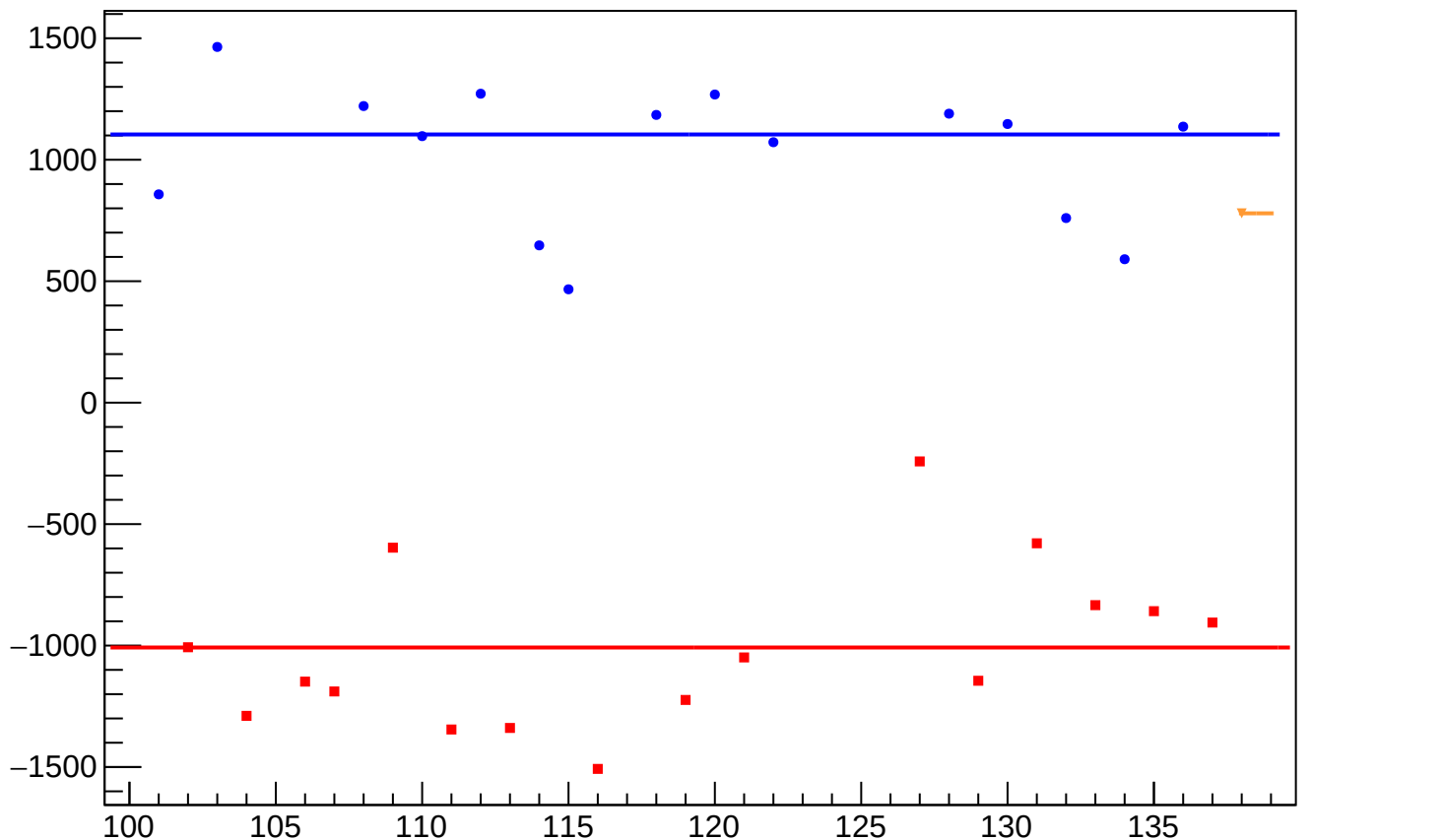
Right In: -43.289 ± 0.000 $\chi^2/\text{NDF}: 199342736778845281087197523996573696.0/14$
 Left Out: -53.539 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 37.832 ± 0.000 $\chi^2/\text{NDF}: 148683933977204936634636843897323520.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -5.048 ± 0.000 $\chi^2/\text{NDF}: 2706965641882$

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



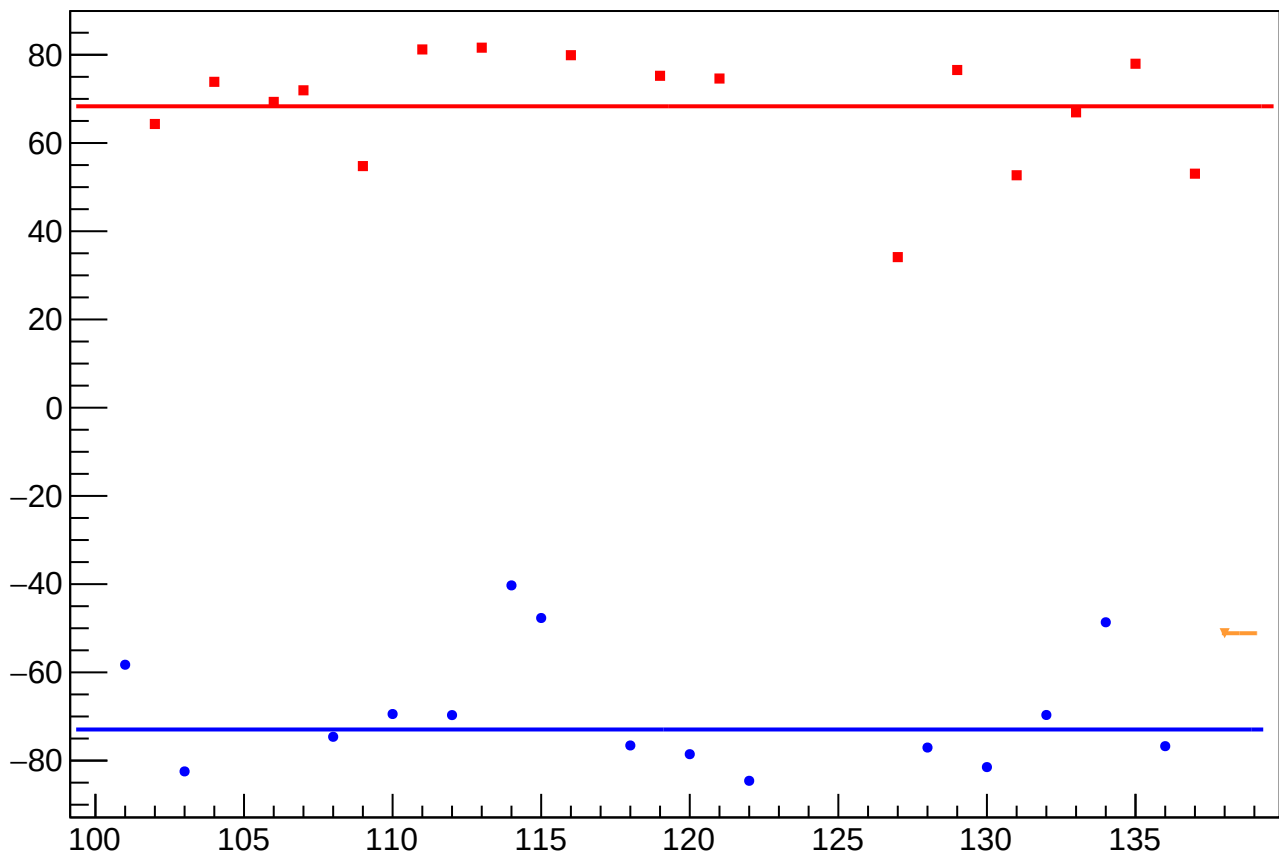
Right In: 2.832 ± 0.000 $\chi^2/\text{NDF}: 3957672531929017328512564323155968.0/14$
 Left Out: 1.642 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -2.784 ± 0.000 $\chi^2/\text{NDF}: 3589544956108116898091236897849344.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 2.832 ± 0.000 $\chi^2/\text{NDF}: 3957672531929017328512564323155968.0/14$
 Out: -2.321 ± 0.000 $\chi^2/\text{NDF}: 49575430067865184$
 All: 0.078 ± 0.000 $\chi^2/\text{NDF}: 18123737220632$

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



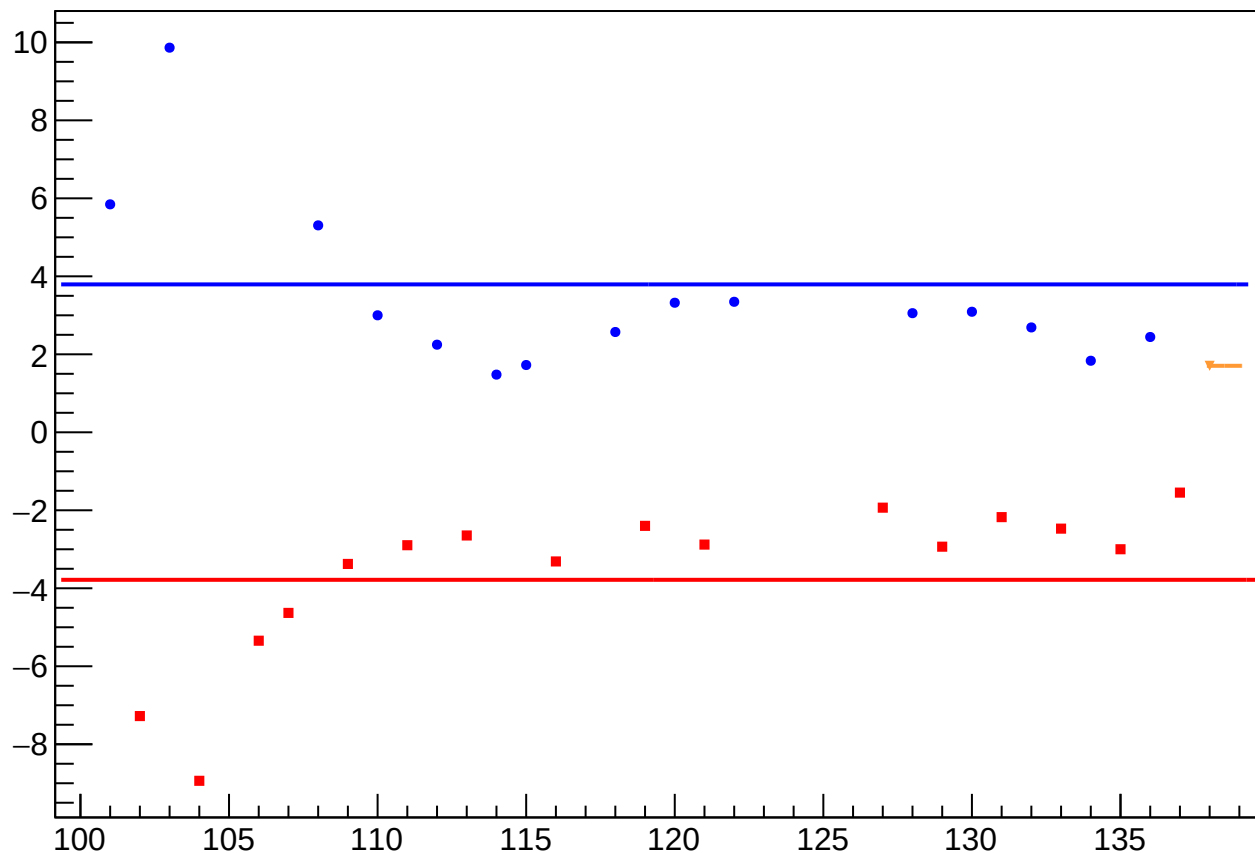
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_11X12X_coil3_mean vs Slug, Sign Corrected



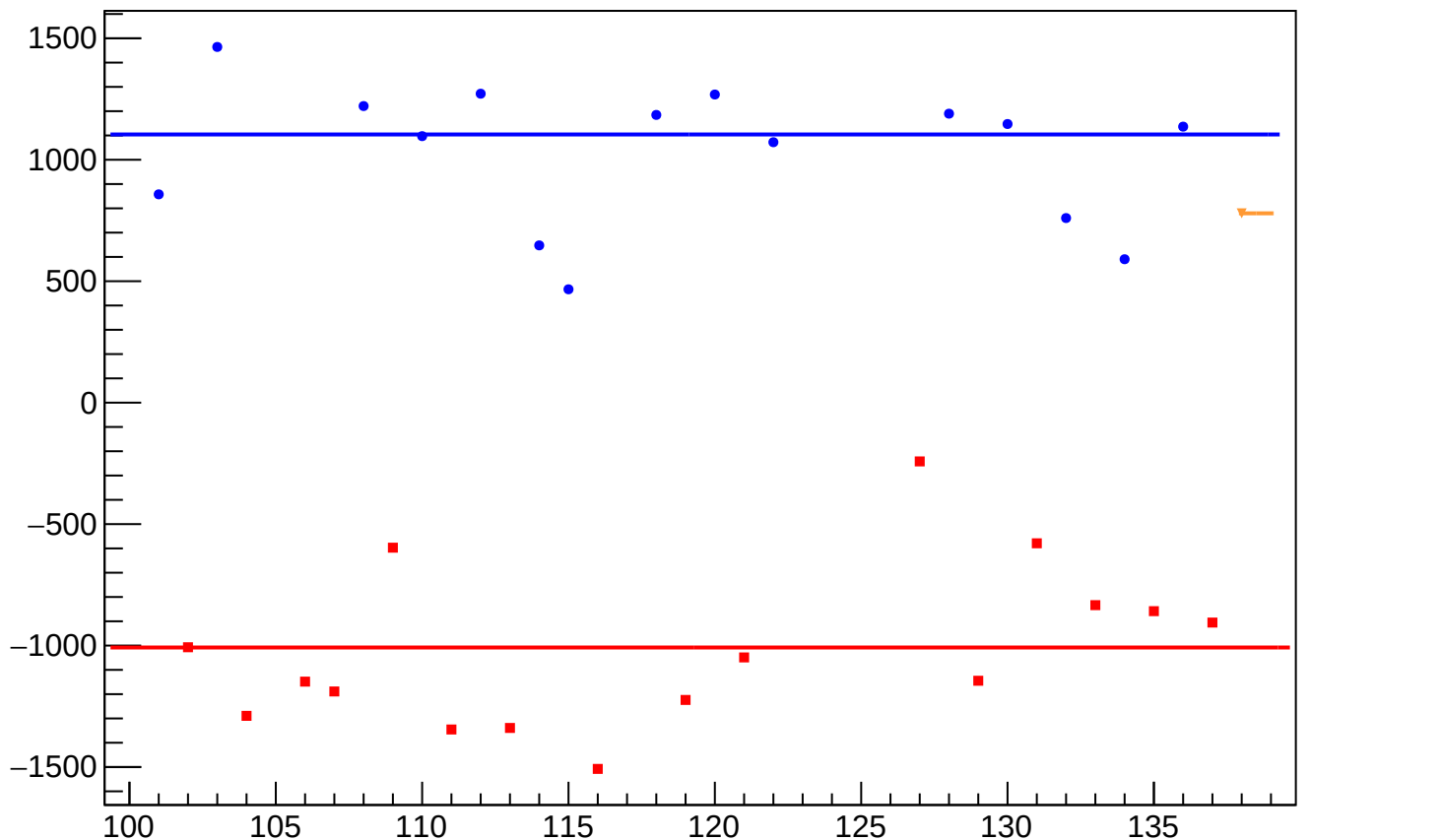
Right In: -72.949+/-0.000	χ^2/NDF : 65755428464857980306879126291087360.0/14	Left: -51.128+/-0.000	χ^2/NDF : 3938.0/0
Left Out: -51.128+/-0.000	χ^2/NDF : 3938.0/0	Right: -1.347+/-0.000	χ^2/NDF : 6737392391922205
Right Out: 68.324+/-0.000	χ^2/NDF : 106694344898202364483367131372584960.0/15	In: -72.949+/-0.000	χ^2/NDF : 65755428464857980
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 55.817+/-0.000	χ^2/NDF : 11031227834020618
		All: -4.132+/-0.000	χ^2/NDF : 6919873302049

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



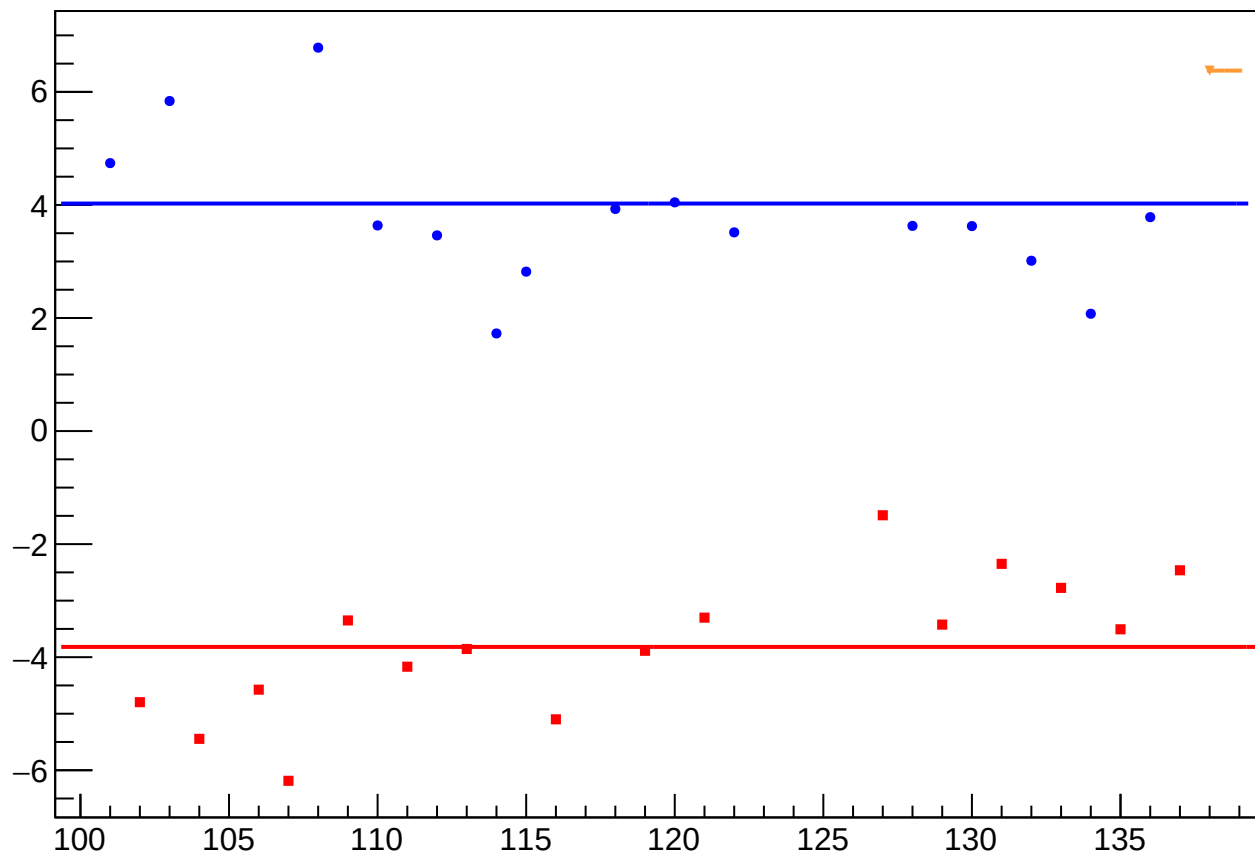
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 1.705+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.051+/-0.000 χ^2/NDF : 25189752945000

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



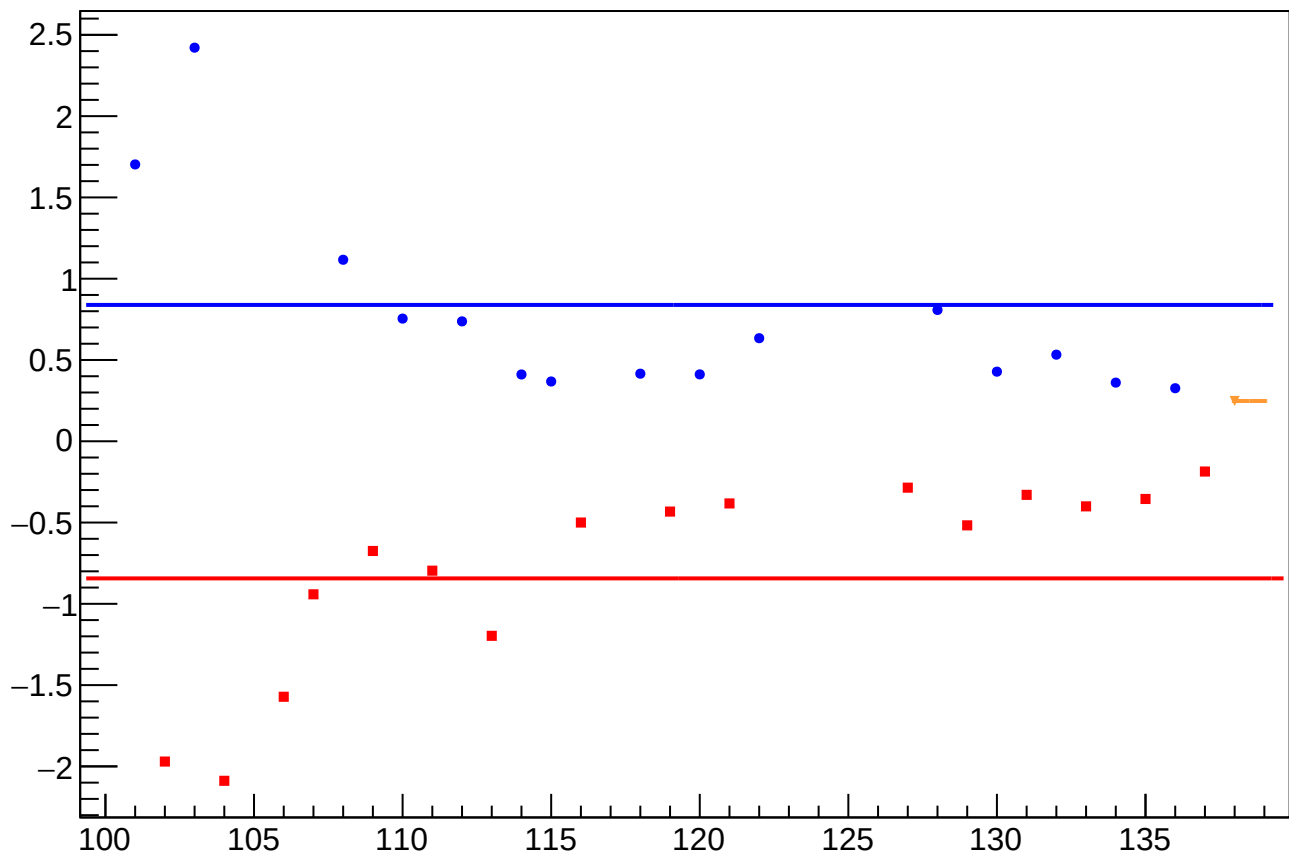
Left: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14
 Left Out: 6.377+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14
 Out: -2.751+/-0.000 χ^2/NDF : 81467108670970576.0/14
 All: 0.404+/-0.000 χ^2/NDF : 24840513529772.0/14

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.839+/-0.000

χ^2/NDF : 258416025334615661521163083841536.0/14

Left: 0.248+/-0.000 χ^2/NDF : 0.0/0

Right: -0.014+/-0.000

χ^2/NDF : 1442205906502244

Left Out: 0.248+/-0.000

χ^2/NDF : 0.0/0

Right Out: -0.844+/-0.000

χ^2/NDF : 252917509393432760240648918925312.0/15

In: 0.839+/-0.000

χ^2/NDF : 2584160253346156615

Out: -0.729+/-0.000

χ^2/NDF : 33609208187121444

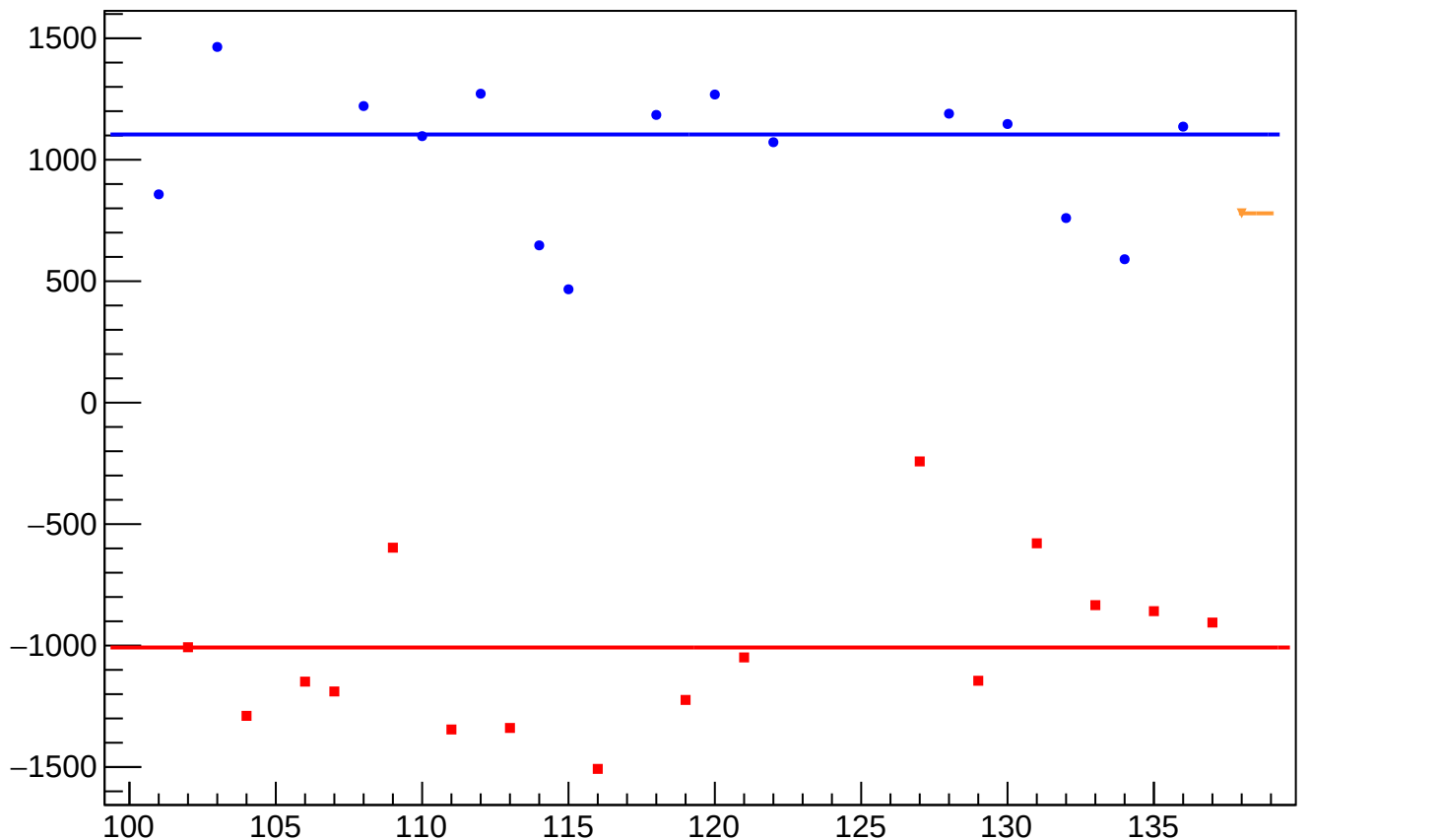
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

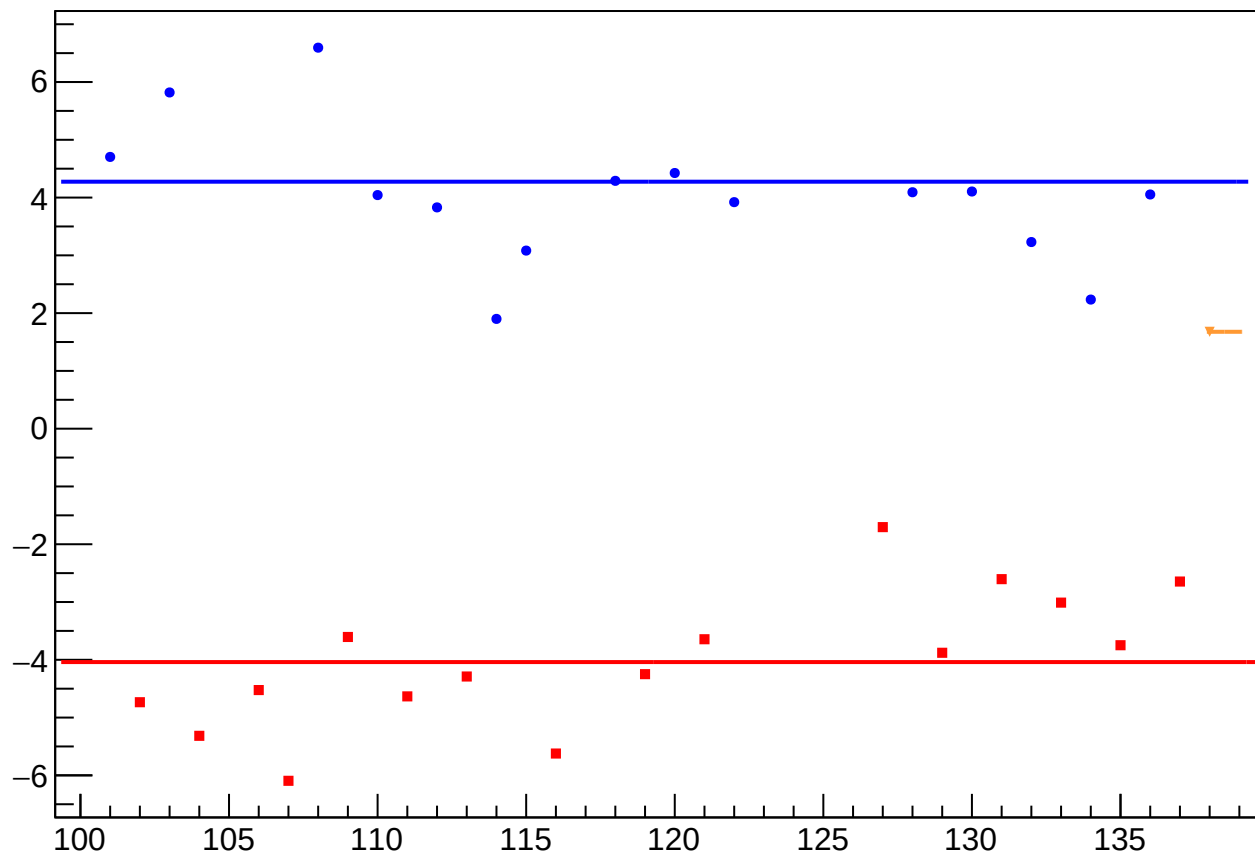
χ^2/NDF : 14472502483547

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



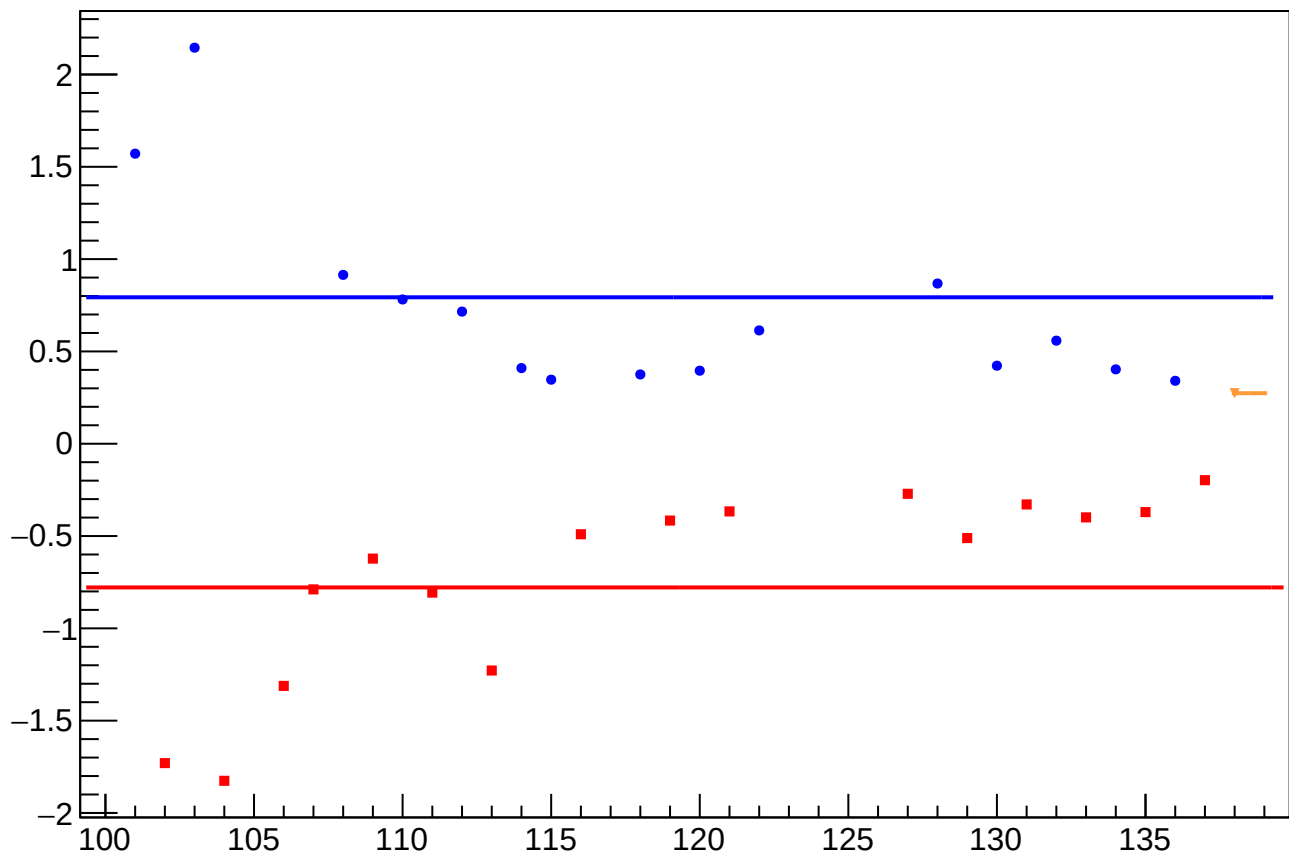
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_4eY_coil3_mean vs Slug, Sign Corrected



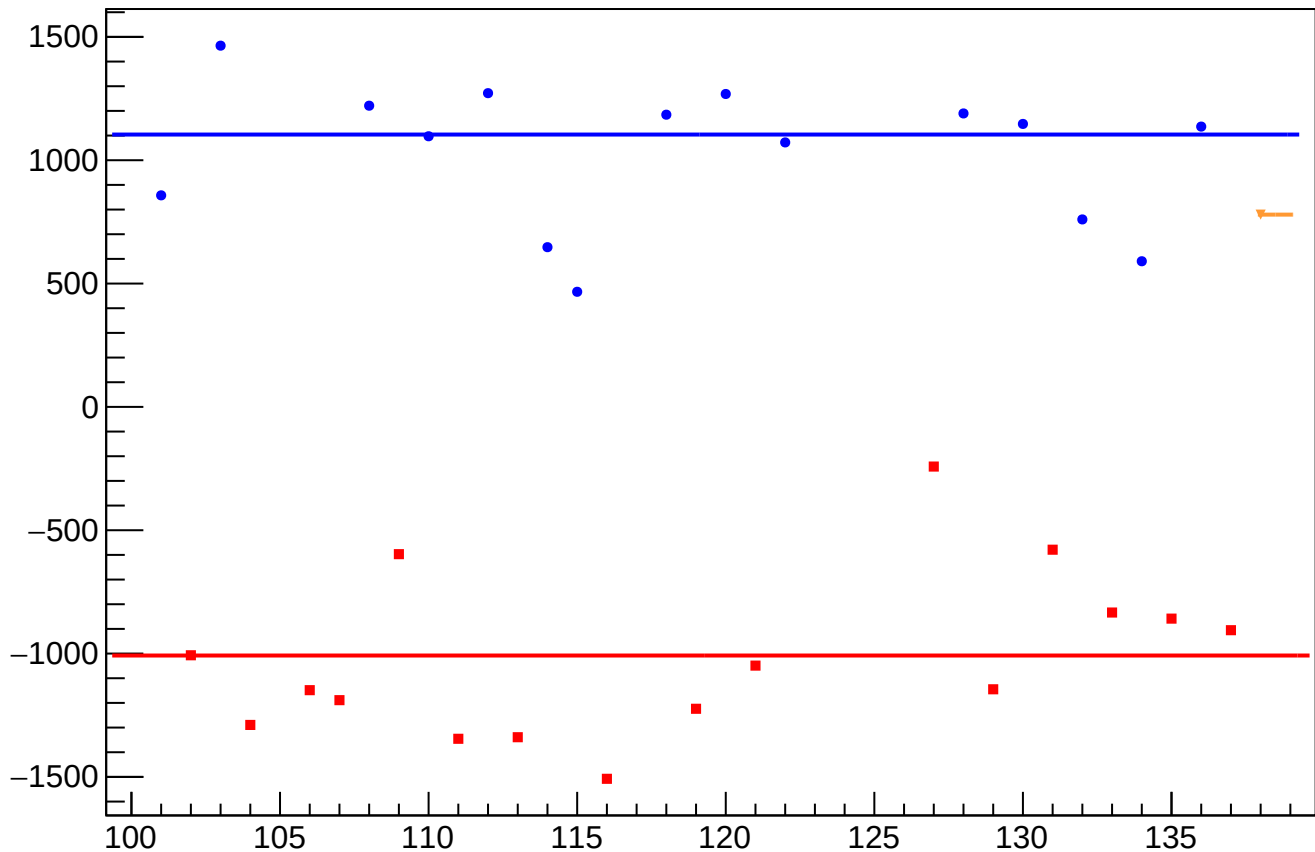
Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14
 Left Out: 1.677+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14
 Out: -3.441+/-0.000 χ^2/NDF : 30543750477105976.0/14
 All: 0.151+/-0.000 χ^2/NDF : 24300454691387.0/14

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



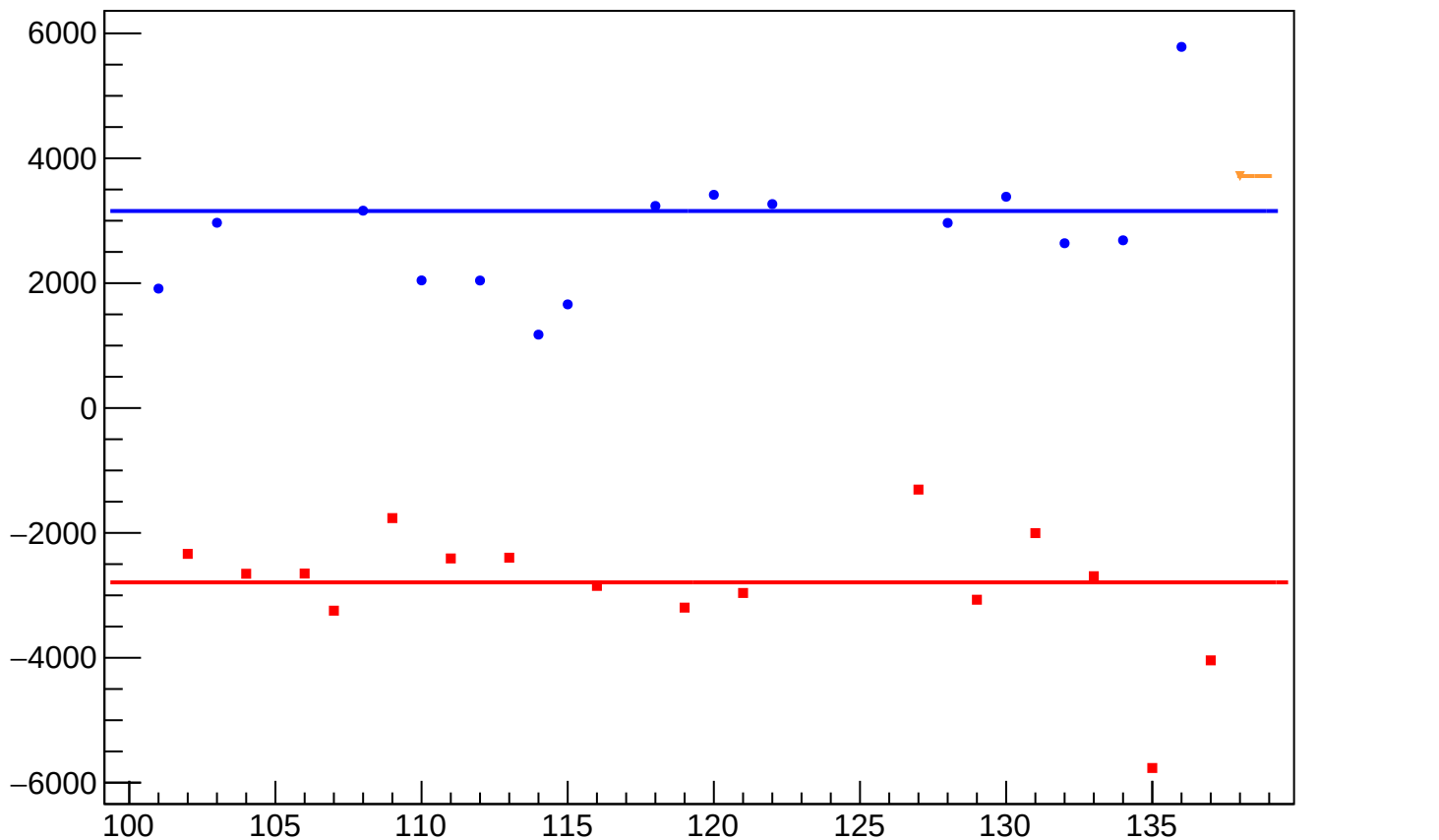
Right In: 0.793+/-0.000	χ^2/NDF : 195508777173589483440314700005376.0/14	Left: 0.274+/-0.000	χ^2/NDF : 0.2/0
Left Out: 0.274+/-0.000	χ^2/NDF : 0.2/0	Right: -0.003+/-0.000	χ^2/NDF : 1193841006449656
Right Out: -0.778+/-0.000	χ^2/NDF : 185814635772183306063903690063872.0/15	In: 0.793+/-0.000	χ^2/NDF : 1955087771735894834
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: -0.668+/-0.000	χ^2/NDF : 26311278133782853
		All: 0.012+/-0.000	χ^2/NDF : 11994912579189

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



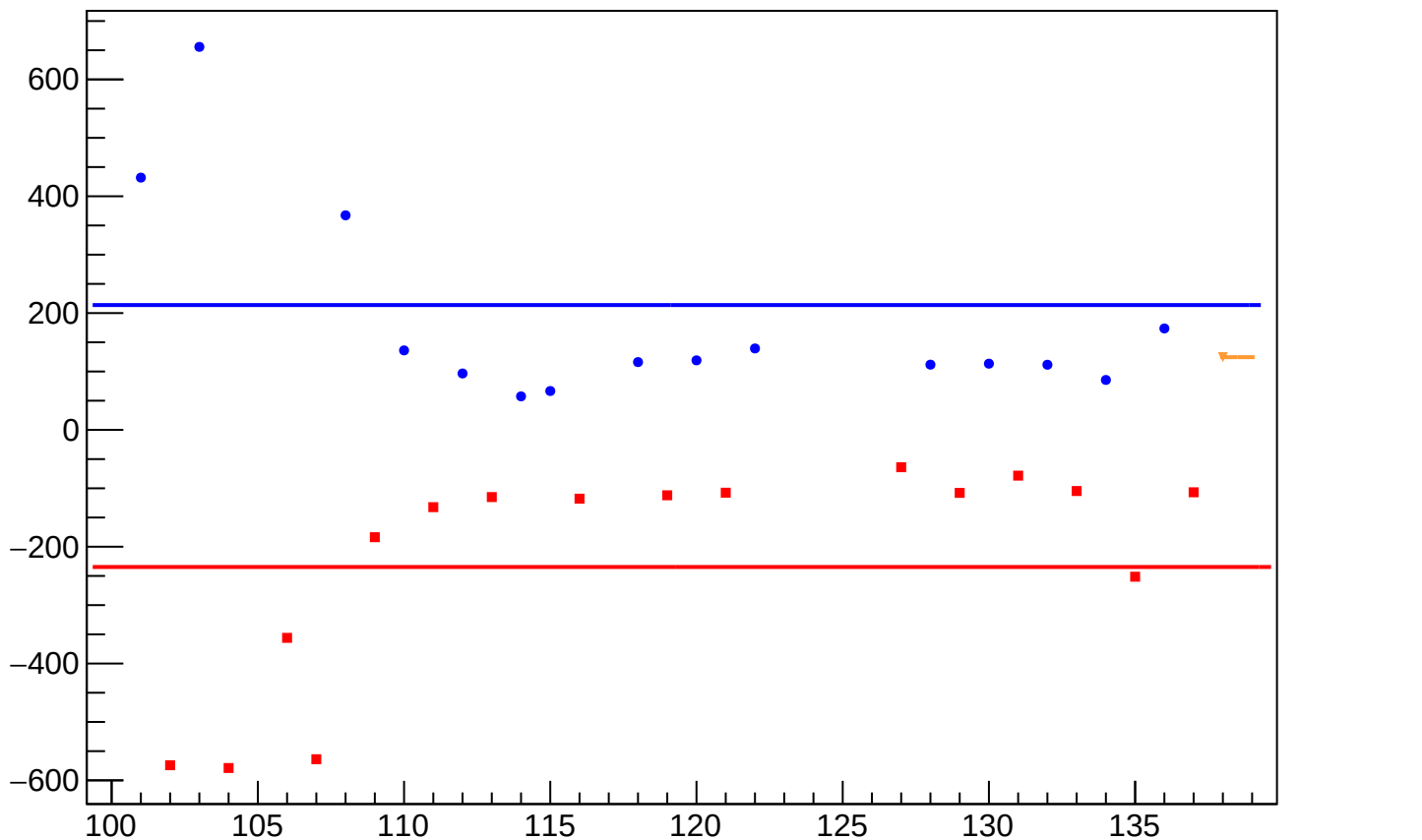
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF :1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 In: 1104.111+/-0.000 χ^2/NDF :32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF :292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_usl_coil3_mean vs Slug, Sign Corrected



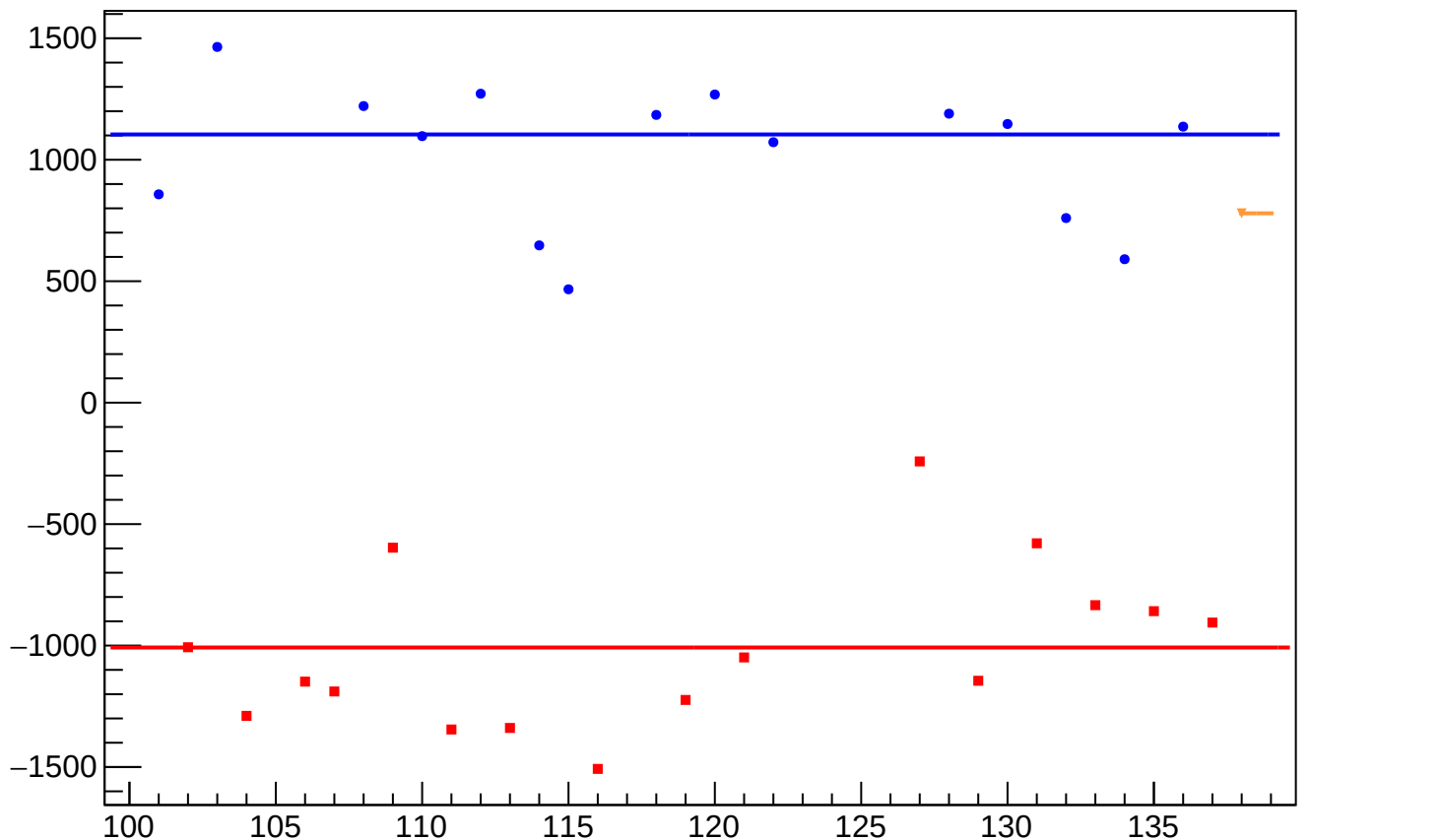
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 3715.108+/-0.000 χ^2/NDF : 16130021.9/0
 Right Out: -2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 340.909+/-0.000 χ^2/NDF : 141550285267

dit_usl_coil3_err_mean vs Slug, Sign Corrected



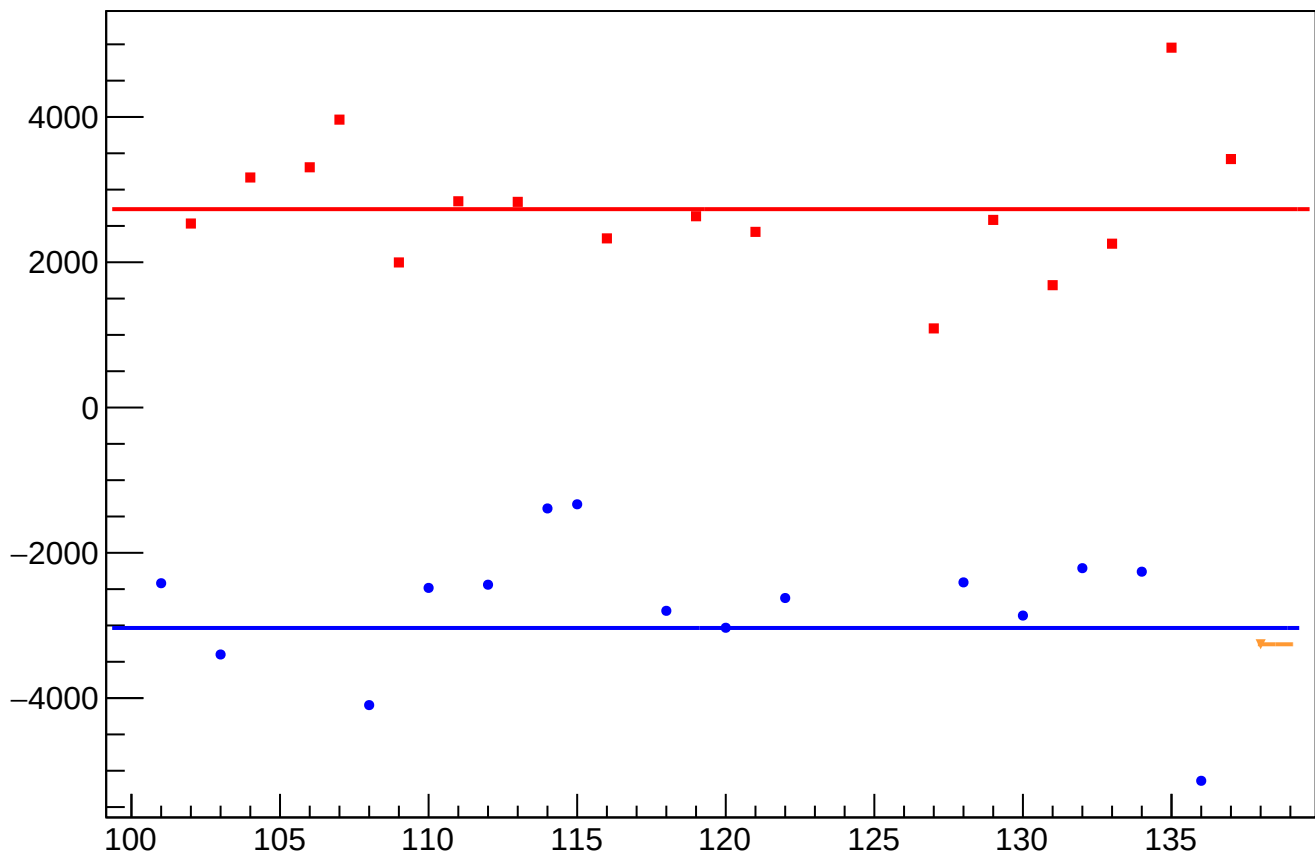
Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 124.507+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Out: -197.103+/-0.000 χ^2/NDF : 330243582819295
 All: -5.829+/-0.000 χ^2/NDF : 1112872007169

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527+/-0.000

Left Out: -3259.120+/-0.000

Right Out: 2731.035+/-0.000

Left In: 0.000+/-0.000

χ^2/NDF : 630694553353463868547335175090919702528.0/14

χ^2/NDF : 16130021.9/0

χ^2/NDF : 528290847703567991555694629239211950080.0/15

χ^2/NDF : 0.0/0

Left: -3259.120+/-0.000

Right: -112.316+/-0.000

In: -3034.527+/-0.000

Out: 2103.878+/-0.000

χ^2/NDF : 16130021.9/0

χ^2/NDF : 12093460154256

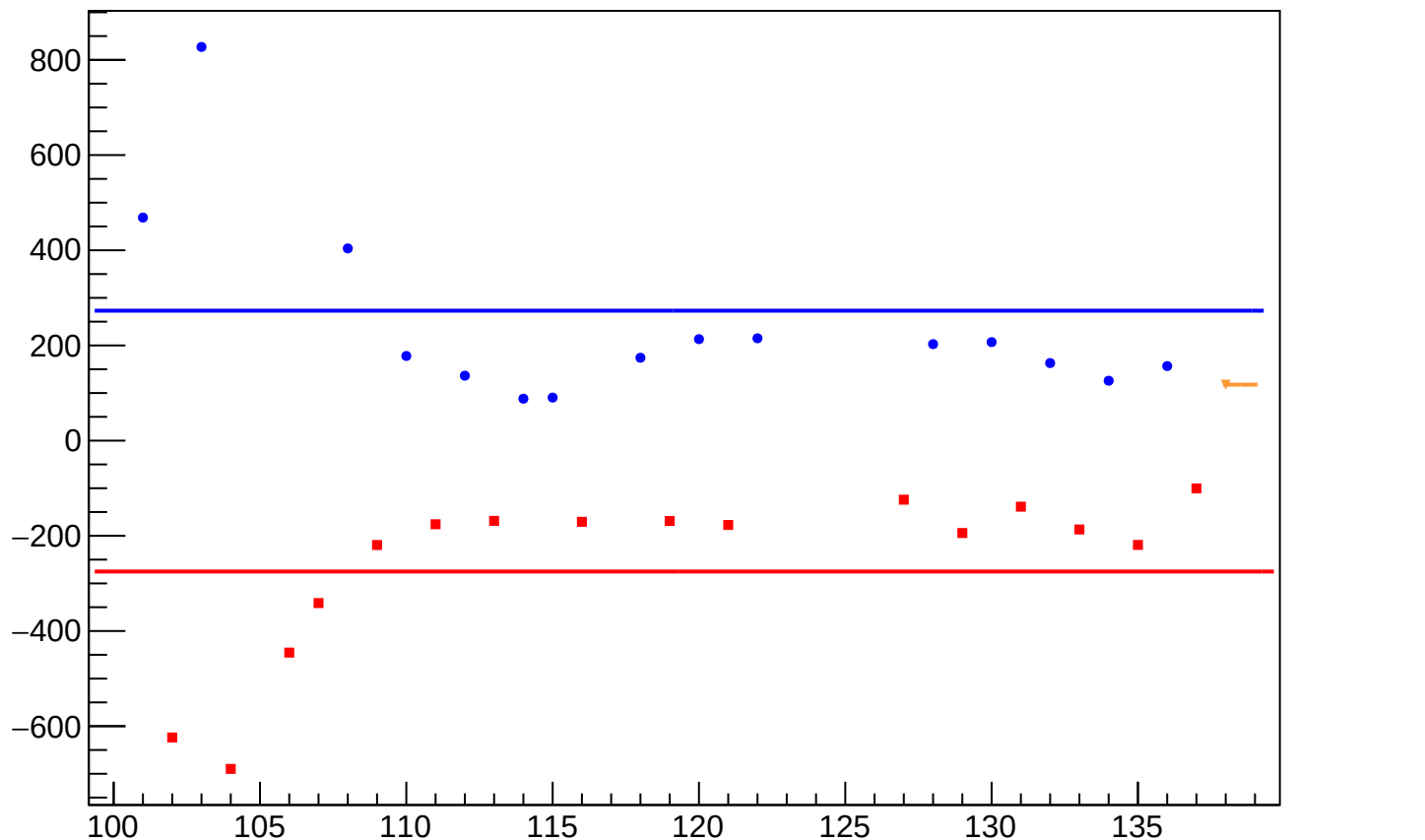
χ^2/NDF : 630694553353463

χ^2/NDF : 303405556074969

All: -288.393+/-0.000

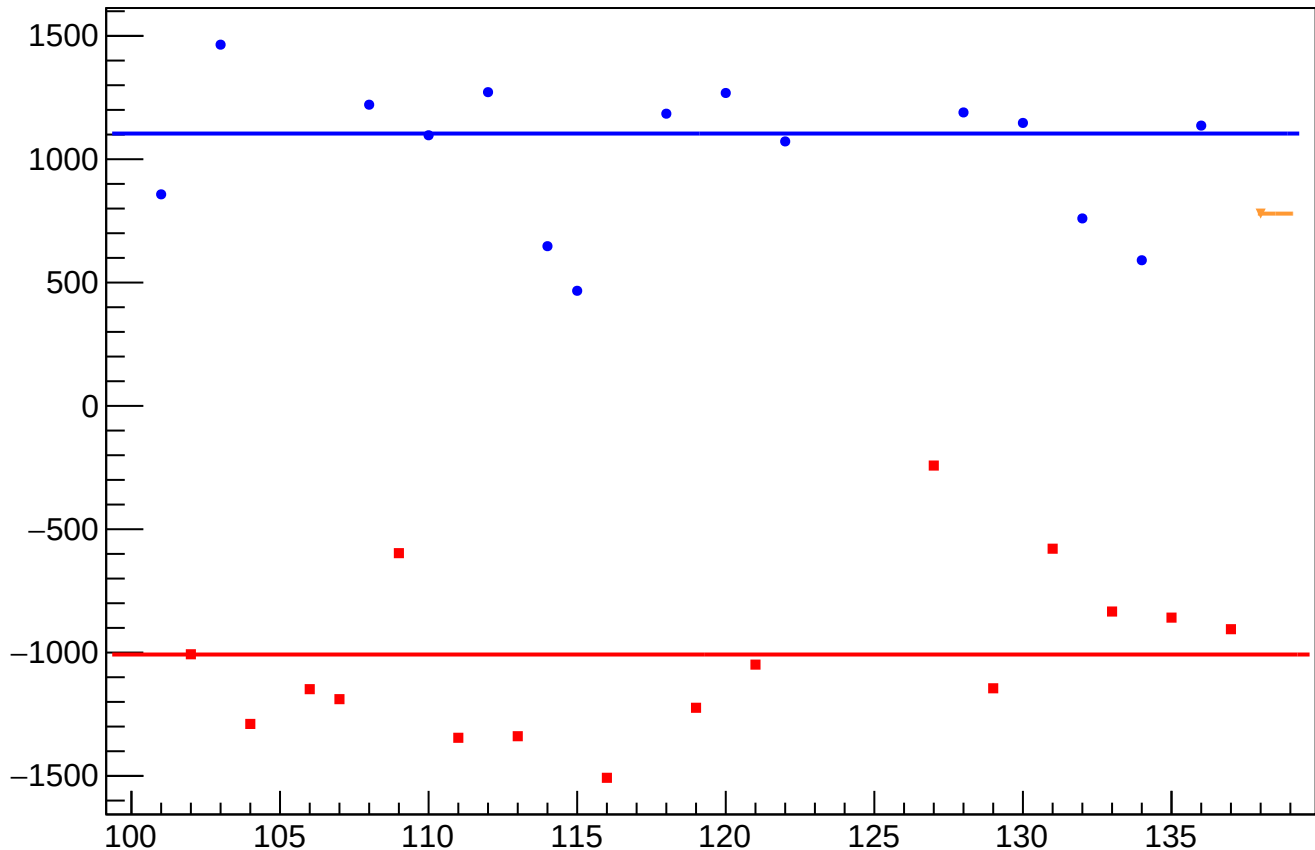
χ^2/NDF : 12822627412

dit_usr_coil3_err_mean vs Slug, Sign Corrected



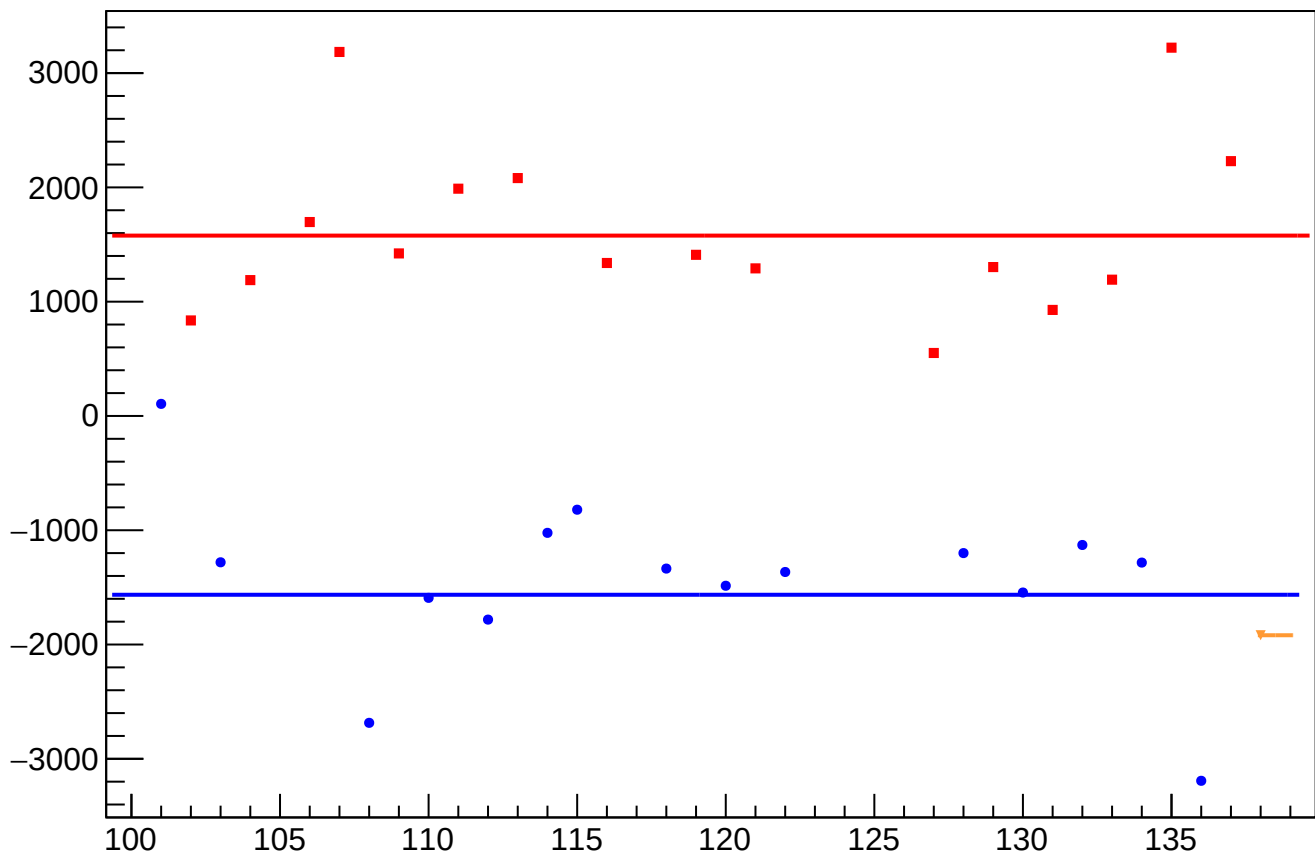
Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 117.587+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.095+/-0.000 χ^2/NDF : 14866391439534

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000

χ^2/NDF : 483874800978571042578975757029039144960.0/14

Left Out: -1918.801+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1578.178+/-0.000

χ^2/NDF : 368450572556217564071963203581098590208.0/15

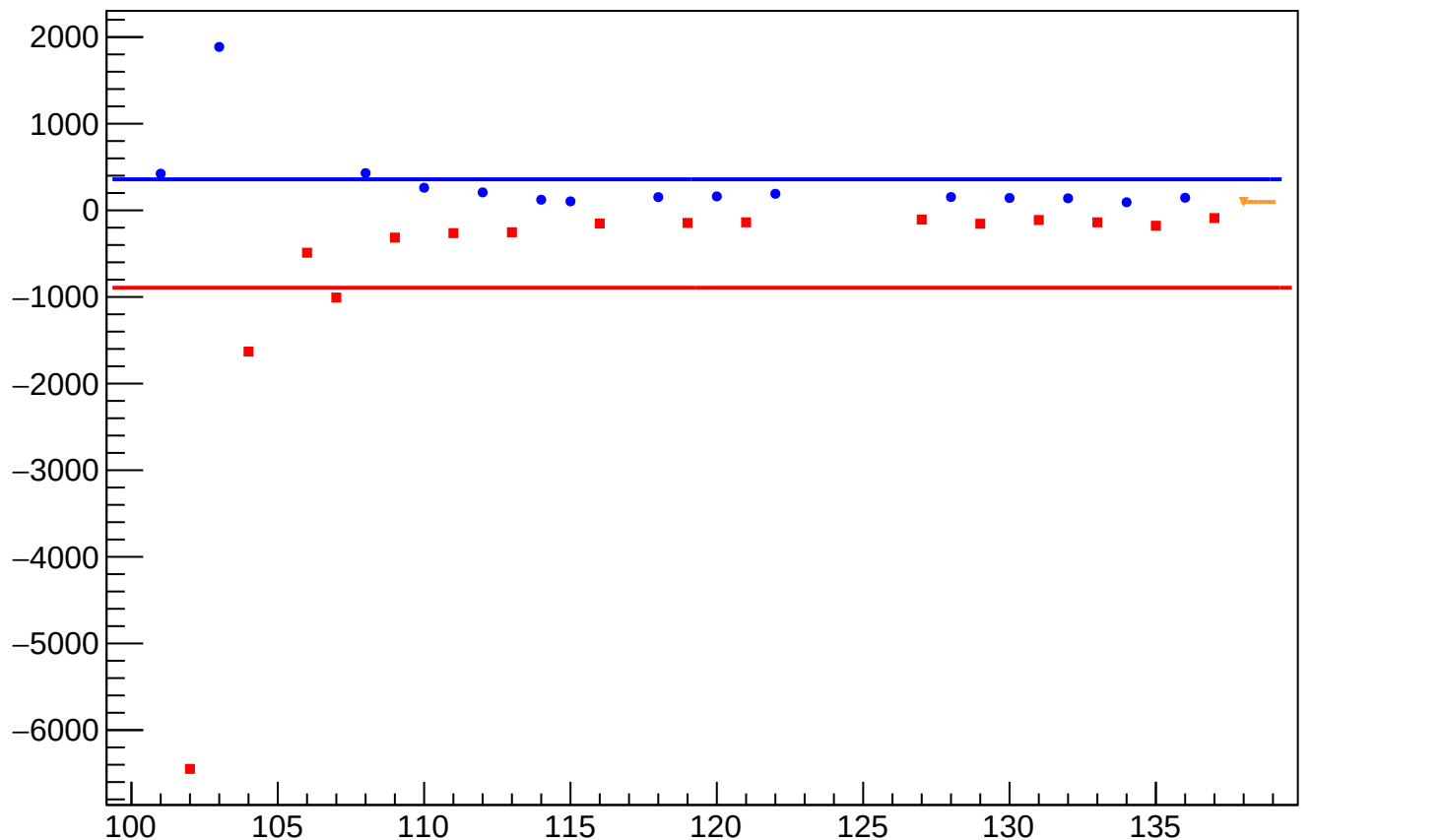
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -1564.595+/-0.000 χ^2/NDF : 483874800978571042578975757029039144960.0/14
Out: 1212.051+/-0.000 χ^2/NDF : 122243559111536

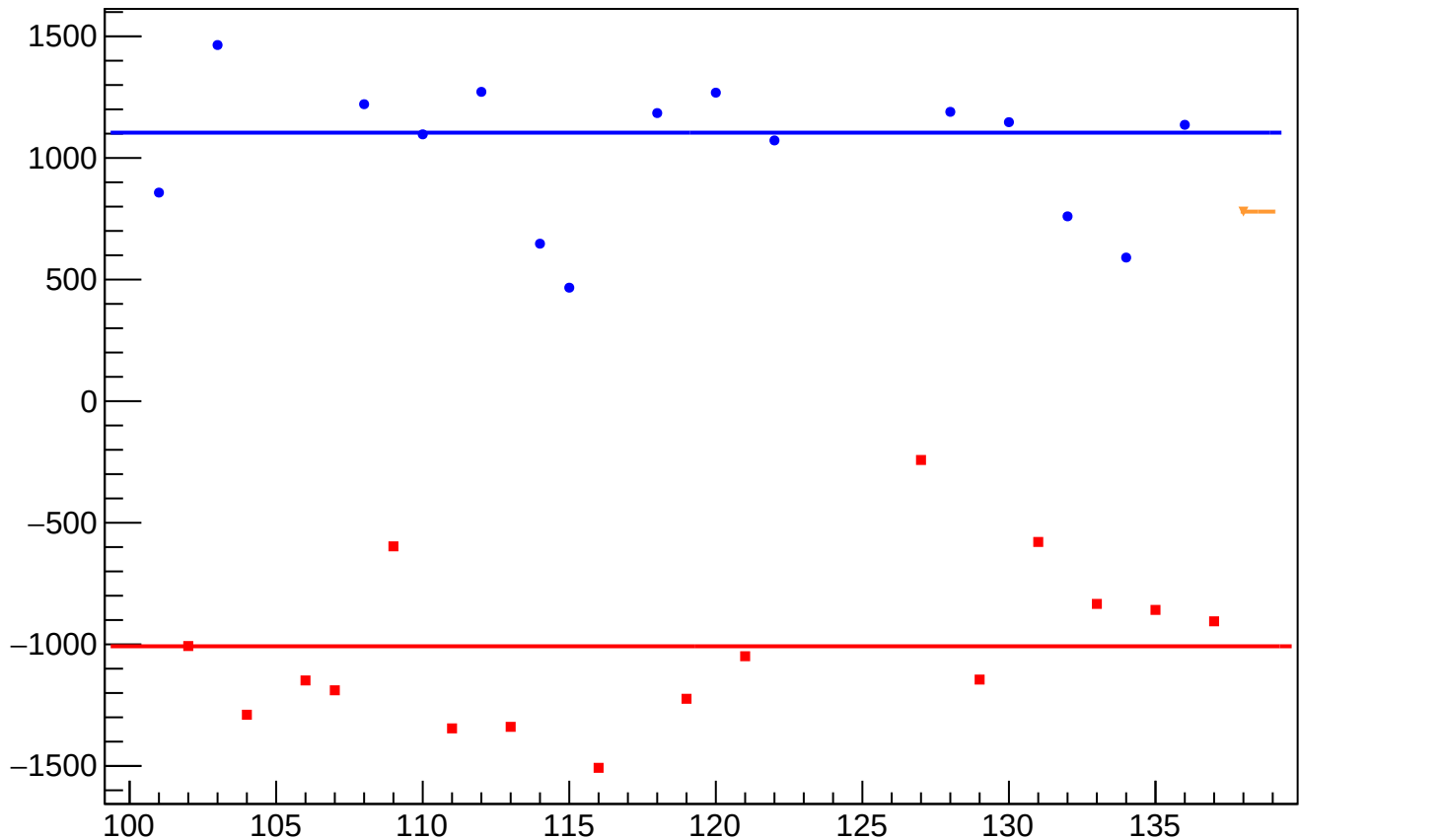
All: -80.663+/-0.000 χ^2/NDF : 438042126505

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



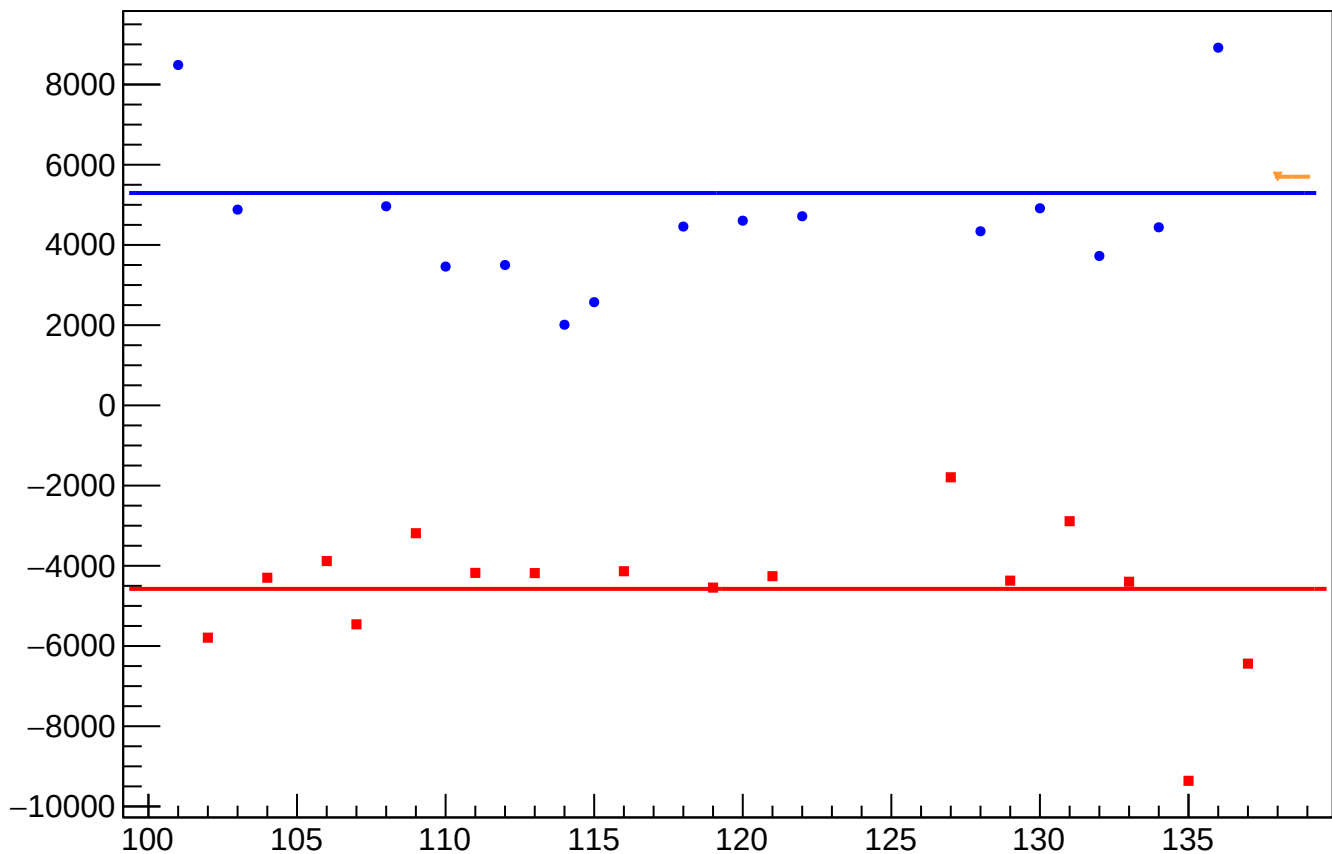
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14
 Left Out: 97.181+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -255.563+/-0.000 χ^2/NDF : 27597168335

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



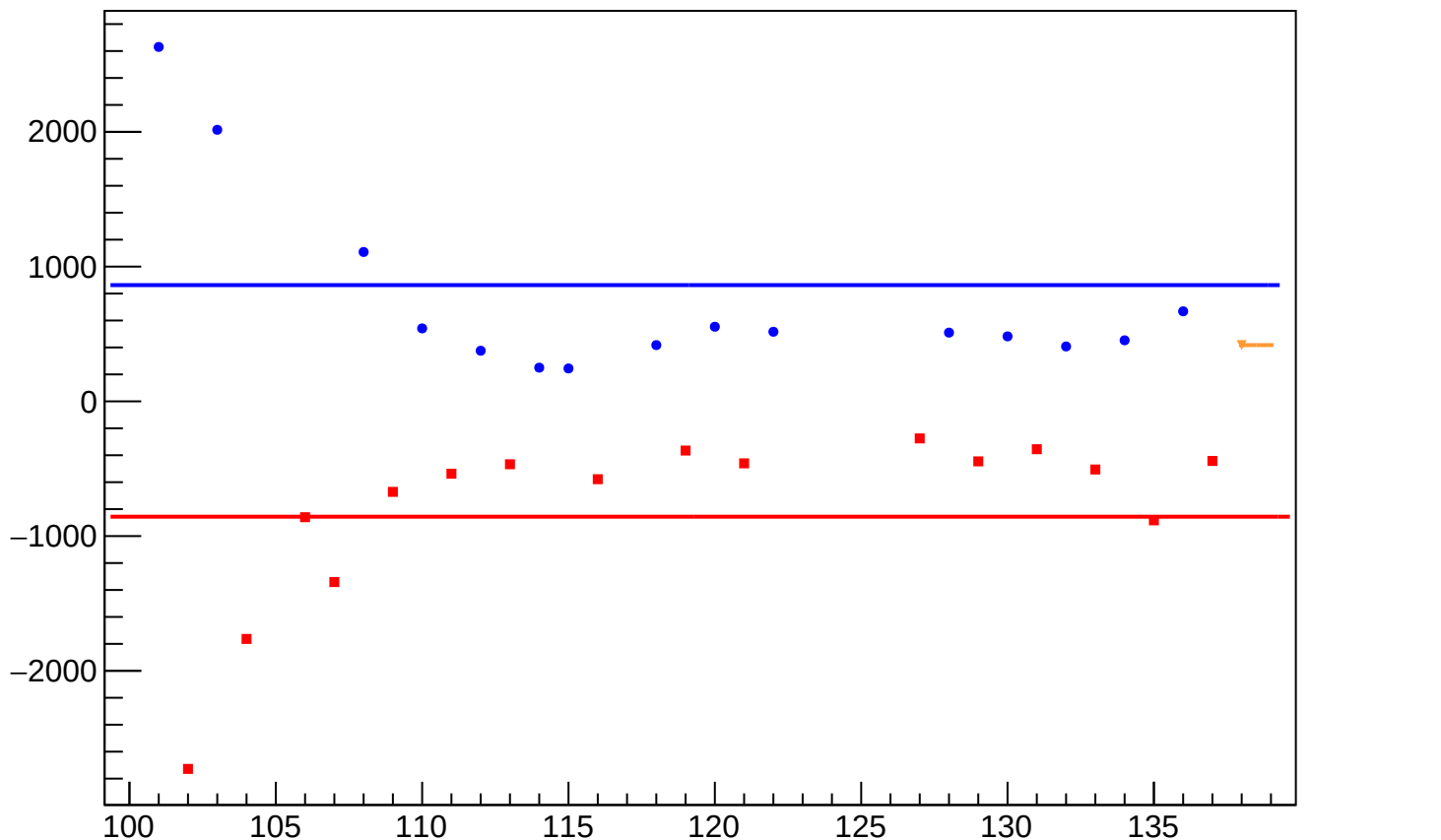
Left: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 In: 1104.111+/-0.000 χ^2/NDF : 3273784159158745
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_atl2_coil3_mean vs Slug, Sign Corrected



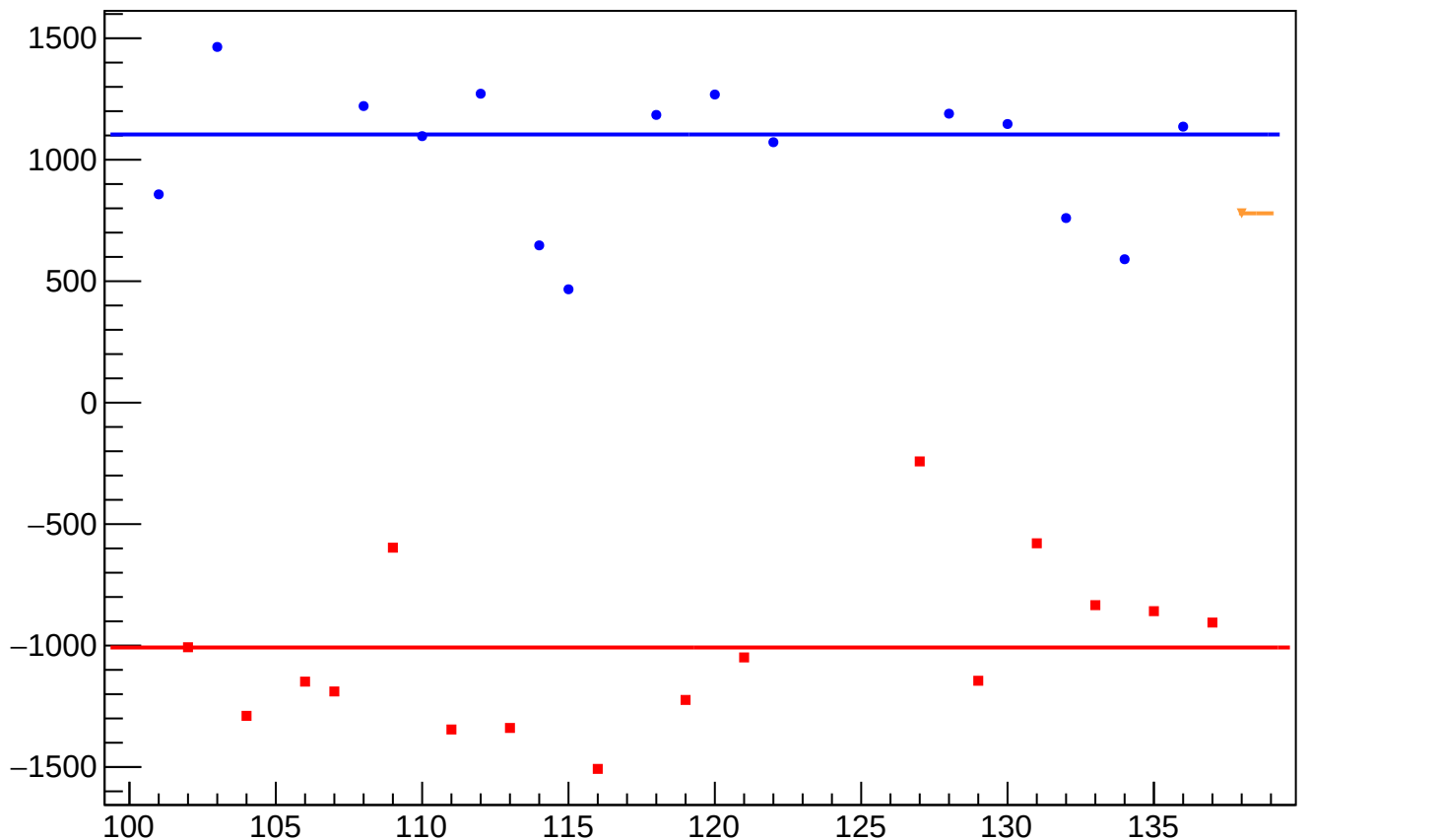
Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 5700.606+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 595.202+/-0.000 χ^2/NDF : 385716192219

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



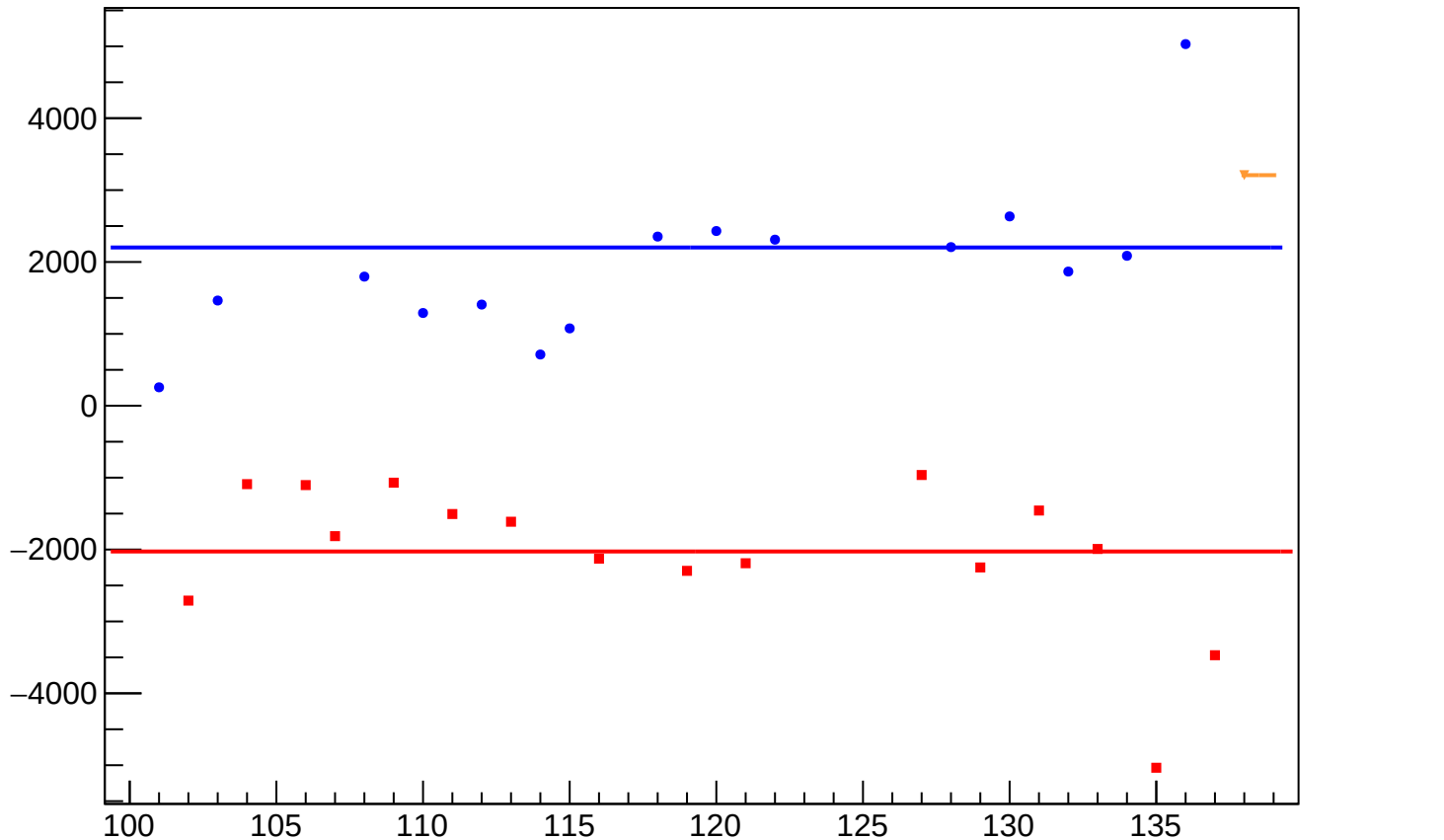
Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14
 Left Out: 417.497+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 15.391+/-0.000 χ^2/NDF : 1649946668697

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



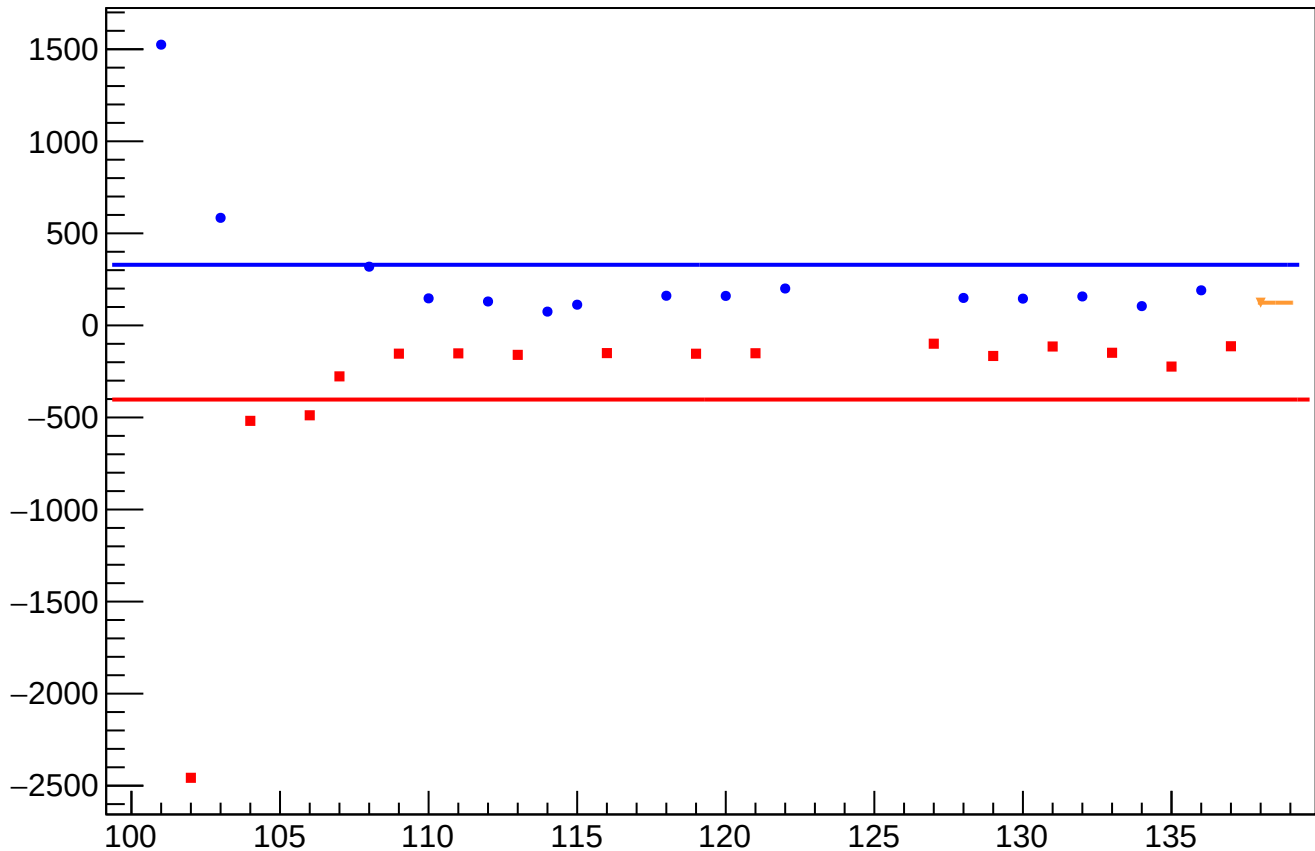
Left: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 In: 1104.111+/-0.000 χ^2/NDF : 3273784159158745
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_atr1_coil3_mean vs Slug, Sign Corrected



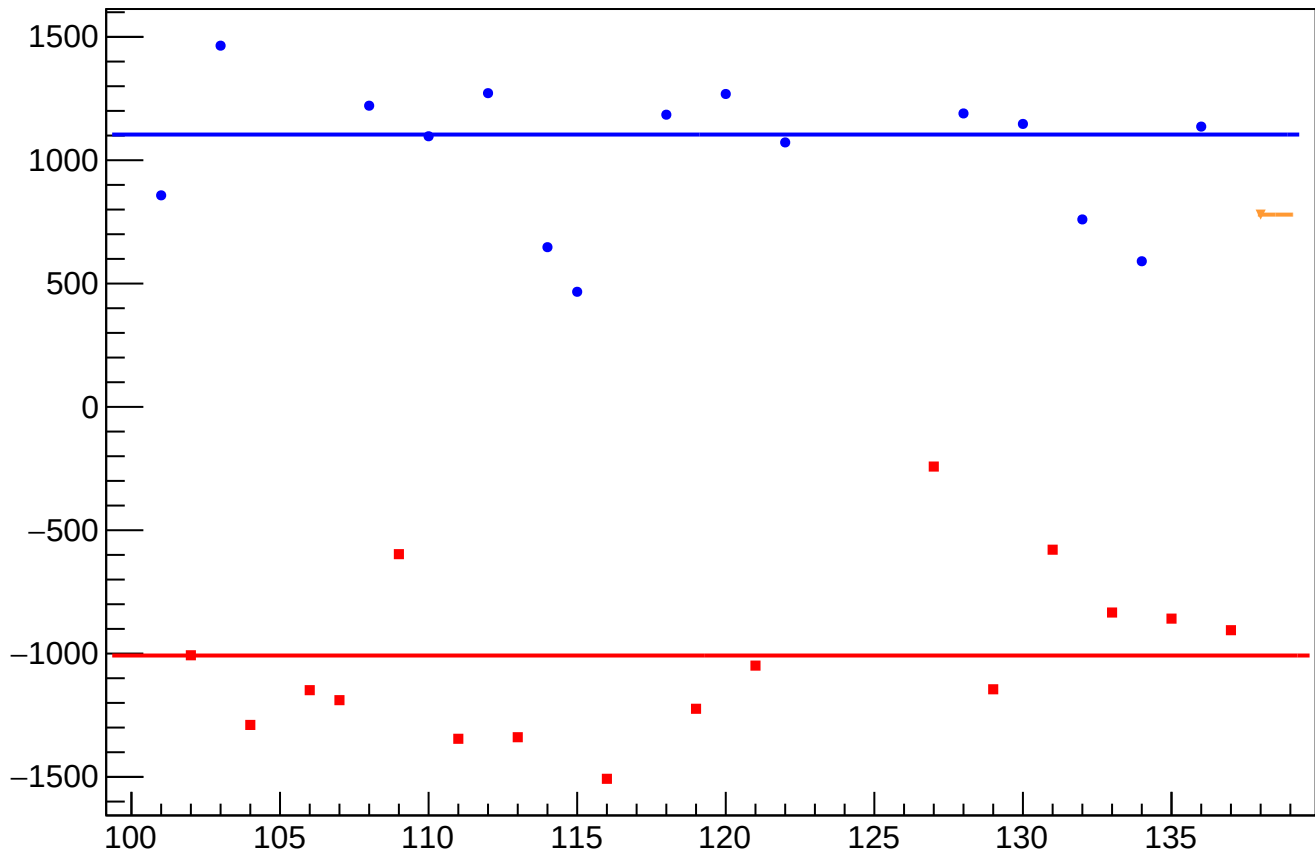
Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 3207.747+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Out: -1478.905+/-0.000 χ^2/NDF : 26222231154199
 All: 234.729+/-0.000 χ^2/NDF : 840782260049

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



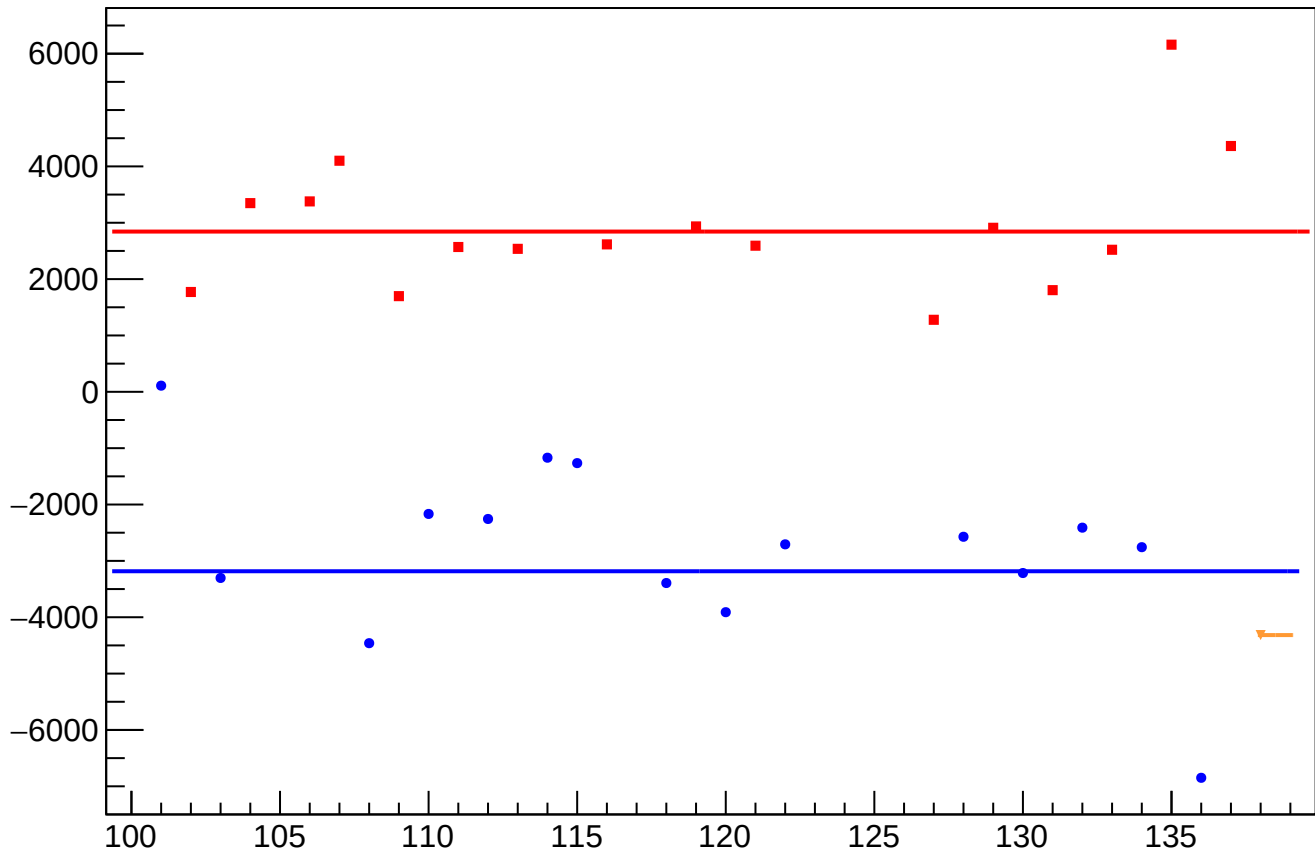
Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14
 Left Out: 123.381+/-0.000 χ^2/NDF : 15752.0/0
 Right Out: -402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14
 Out: -347.611+/-0.000 χ^2/NDF : 296962566368172
 All: -32.497+/-0.000 χ^2/NDF : 559142924199

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928+/-0.000

χ^2/NDF : 2134923281384422537296044119642733543424.0/14

Left Out: -4316.563+/-0.000

χ^2/NDF : 0.0/0

Right Out: 2843.597+/-0.000

χ^2/NDF : 947077611563723244705531091944015396864.0/15

Left In: 0.000+/-0.000

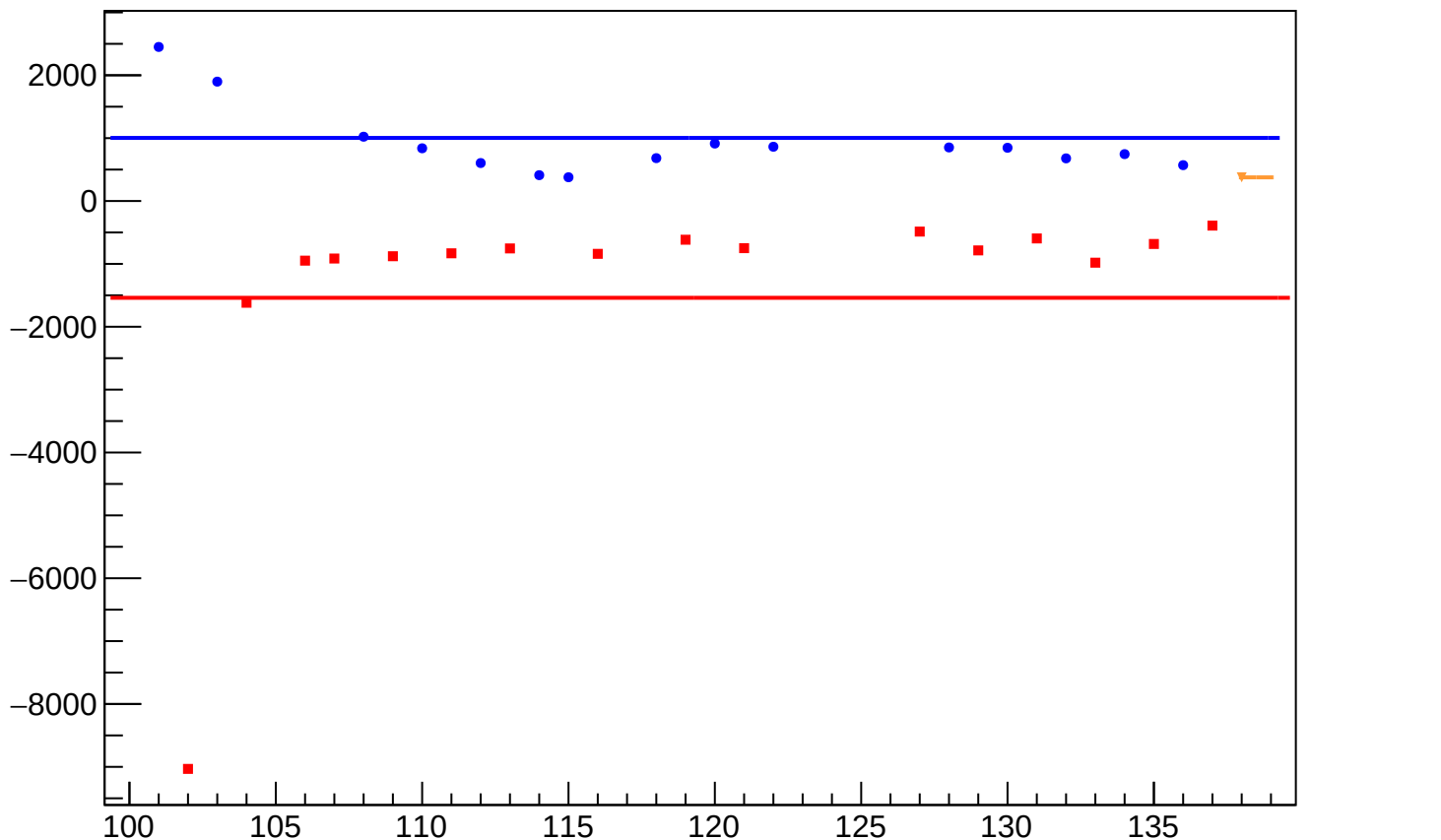
χ^2/NDF : 0.0/0

Left: -4316.563+/-0.000 χ^2/NDF : 0.0/0
Right: -128.944+/-0.000 χ^2/NDF : 15032681342441

In: -3183.928+/-0.000 χ^2/NDF : 213492328138442
Out: 2093.942+/-0.000 χ^2/NDF : 452729607890268

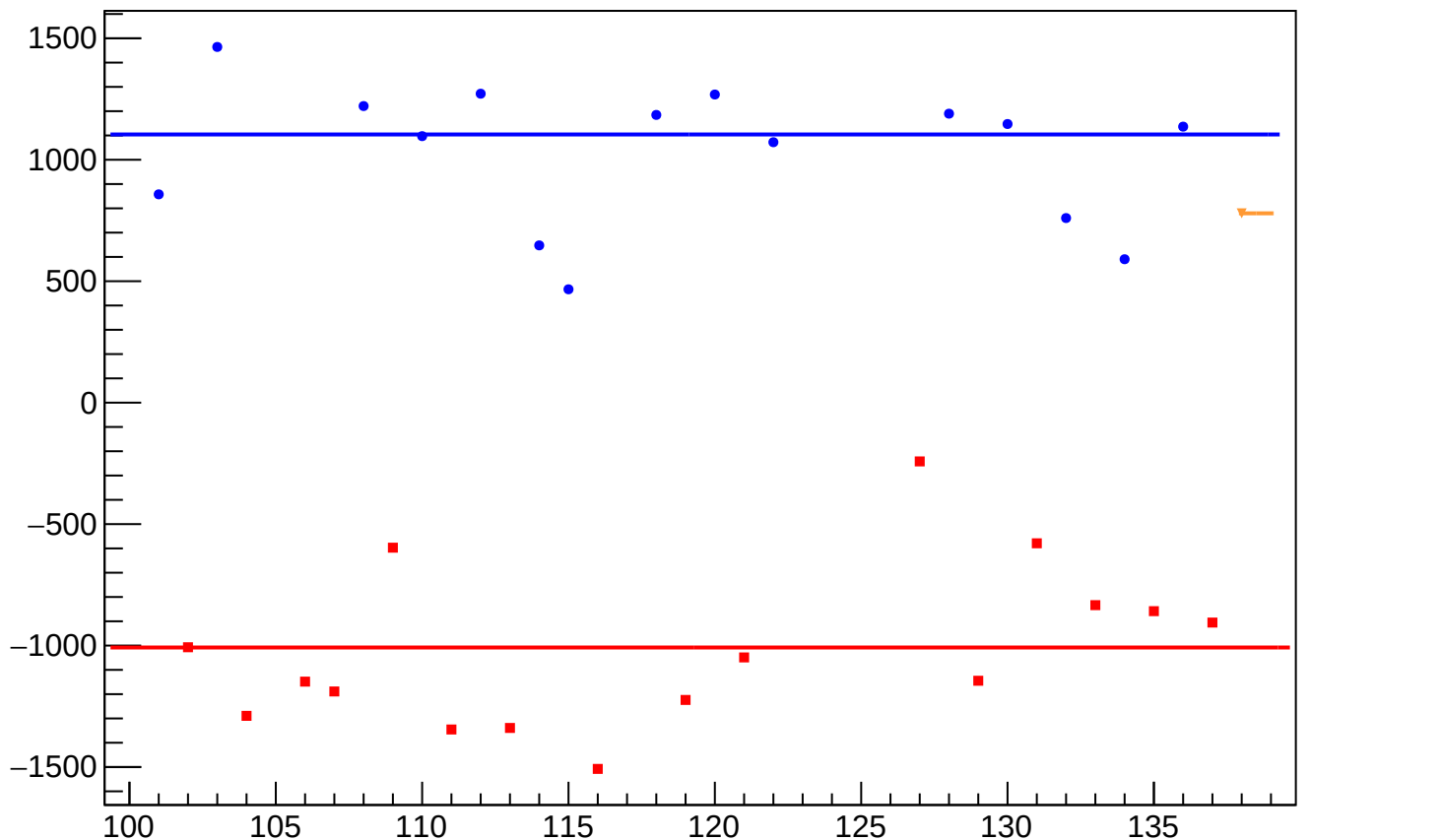
All: -363.258+/-0.000 χ^2/NDF : 16323965904

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



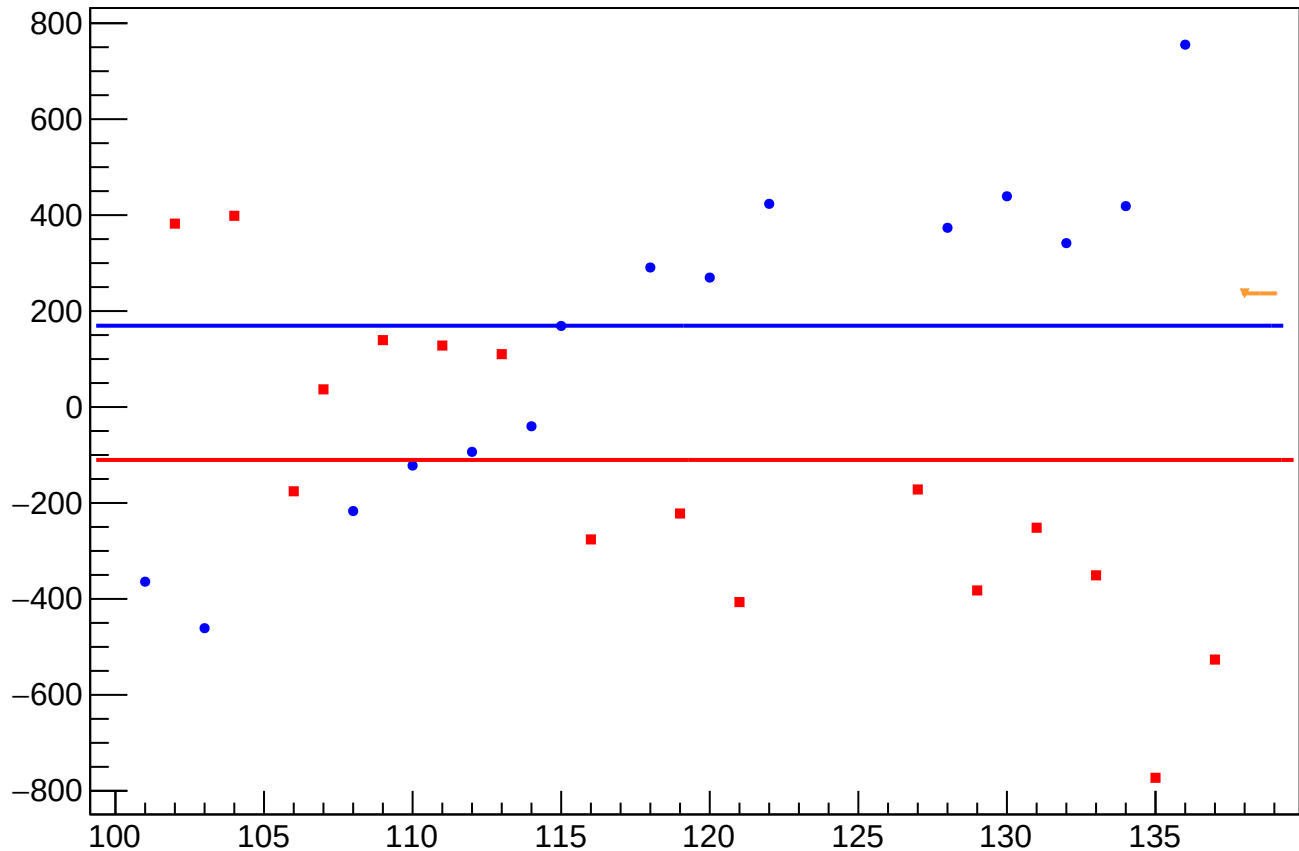
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 376.110+/-0.000 χ^2/NDF : 252031.6/0
 Right Out: -1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -248.453+/-0.000 χ^2/NDF : 59939725687

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



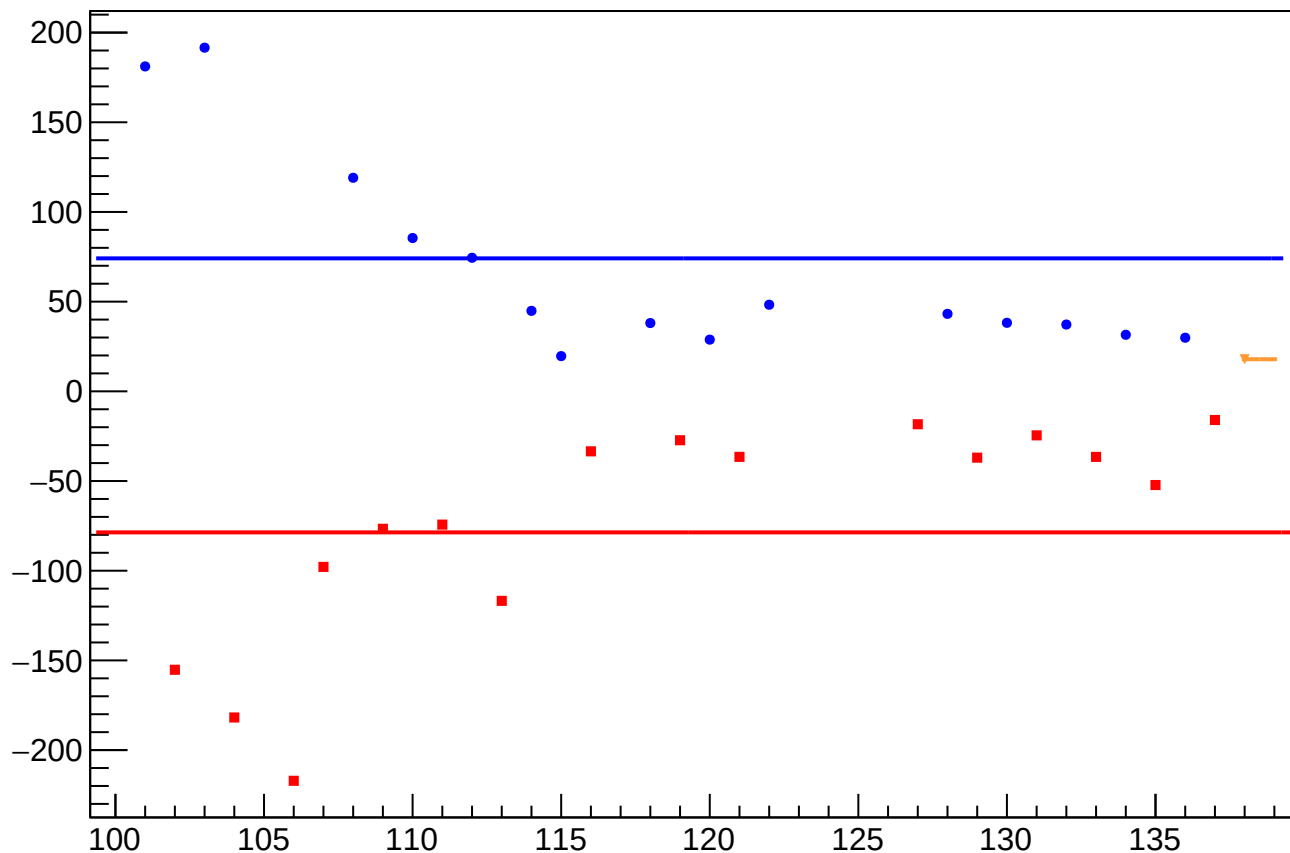
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_sam1_coil3_mean vs Slug, Sign Corrected



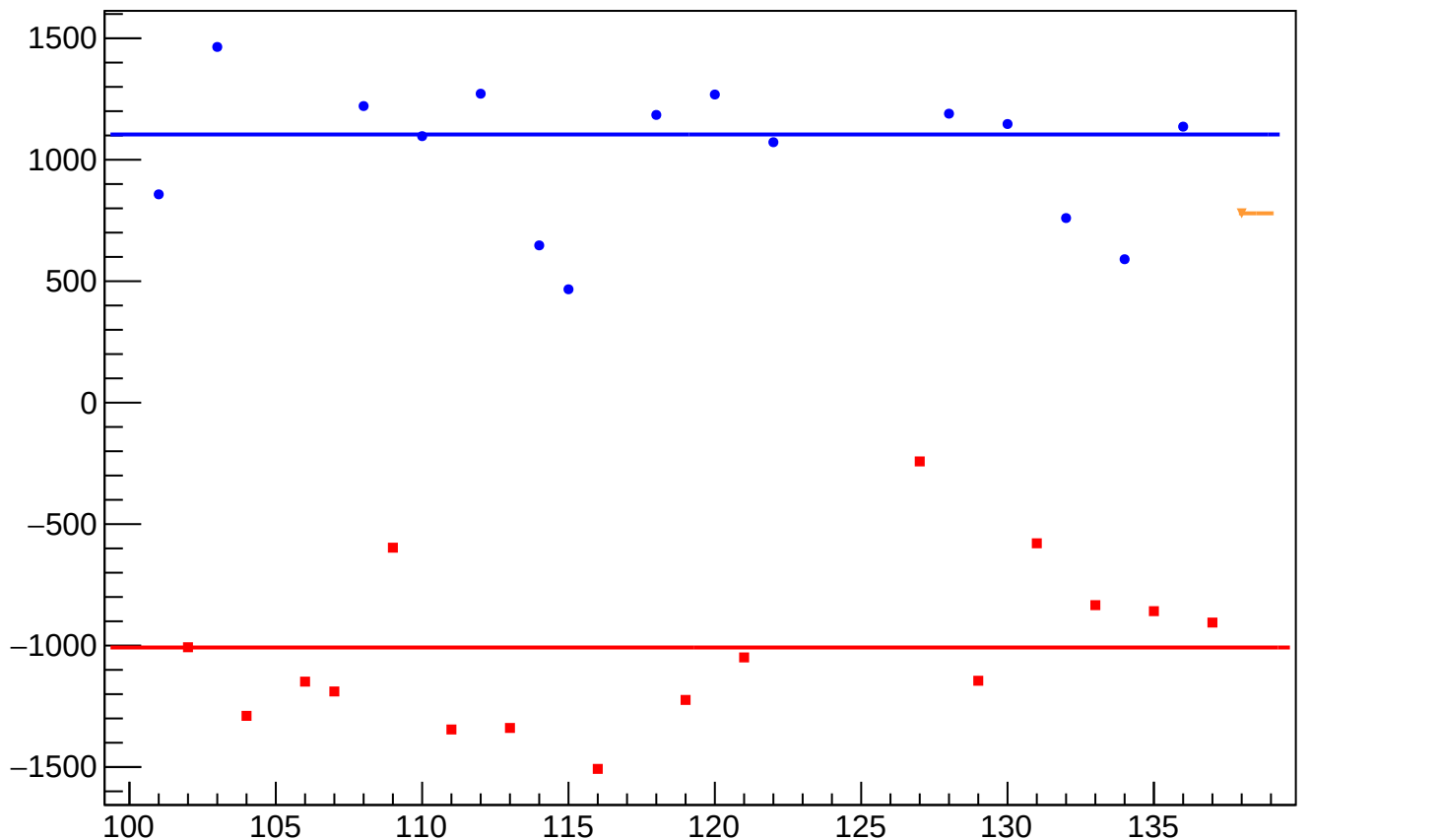
Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14
 Left Out: 236.833+/-0.000 χ^2/NDF : 63007.9/0
 Right Out: -110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14
 Out: -73.946+/-0.000 χ^2/NDF : 8018525270235617
 All: 39.389+/-0.000 χ^2/NDF : 1961755215592

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



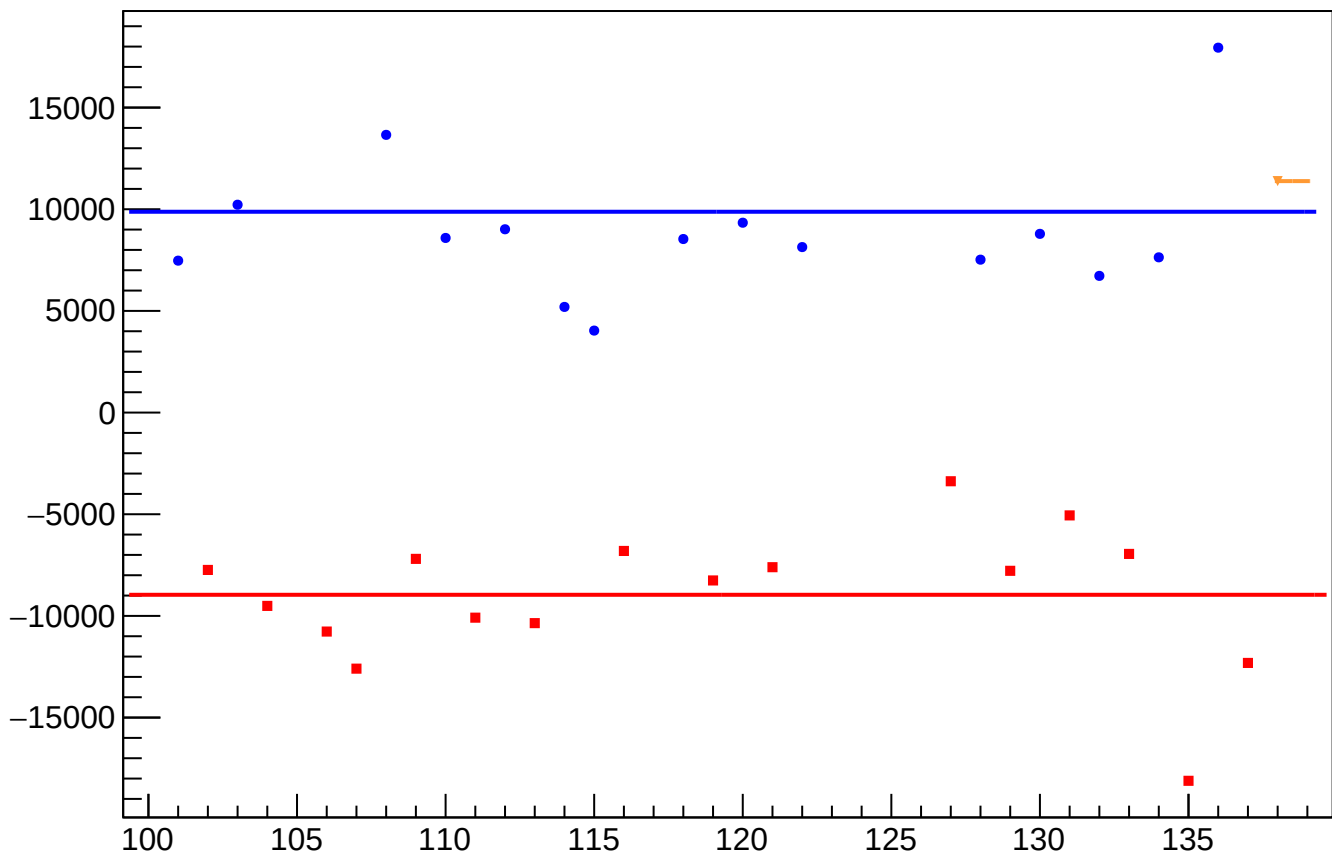
Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14
 Left Out: 17.890+/-0.000 χ^2/NDF : 984.5/0
 Right Out: -78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.111+/-0.000 χ^2/NDF : 1222079766270

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



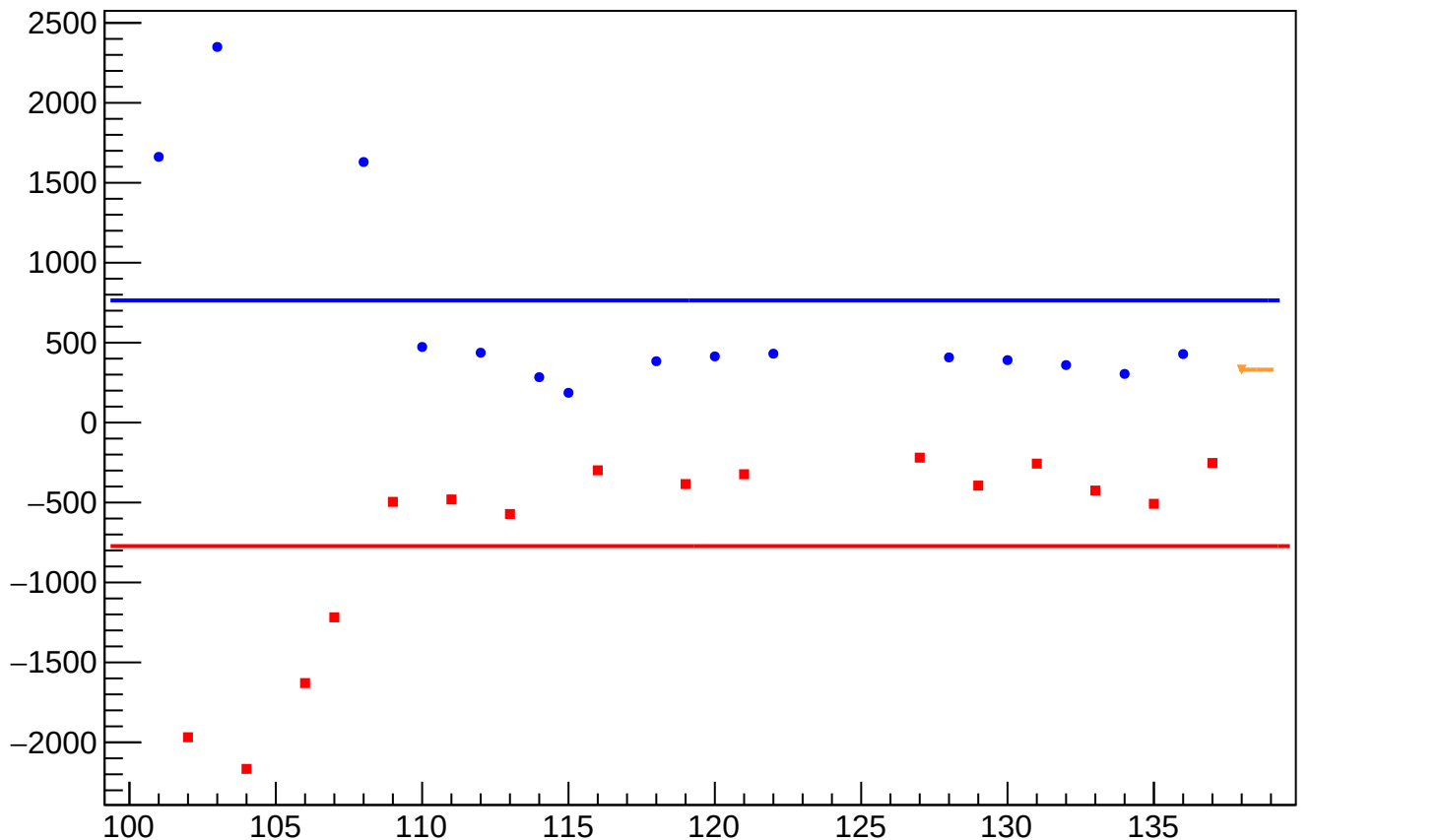
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_sam2_coil3_mean vs Slug, Sign Corrected



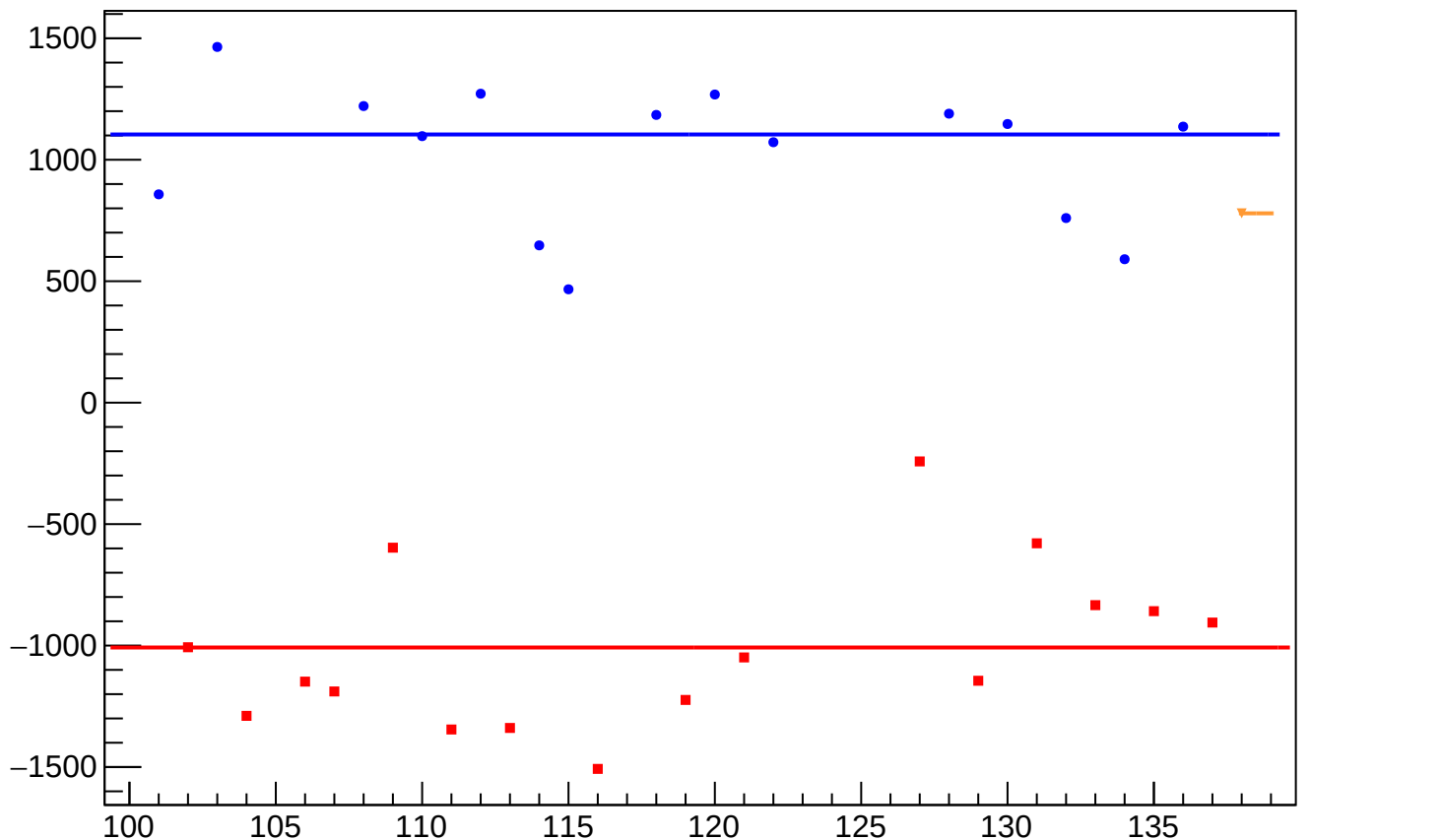
Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 11383.465+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 947.200+/-0.000 χ^2/NDF : 141798028847

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



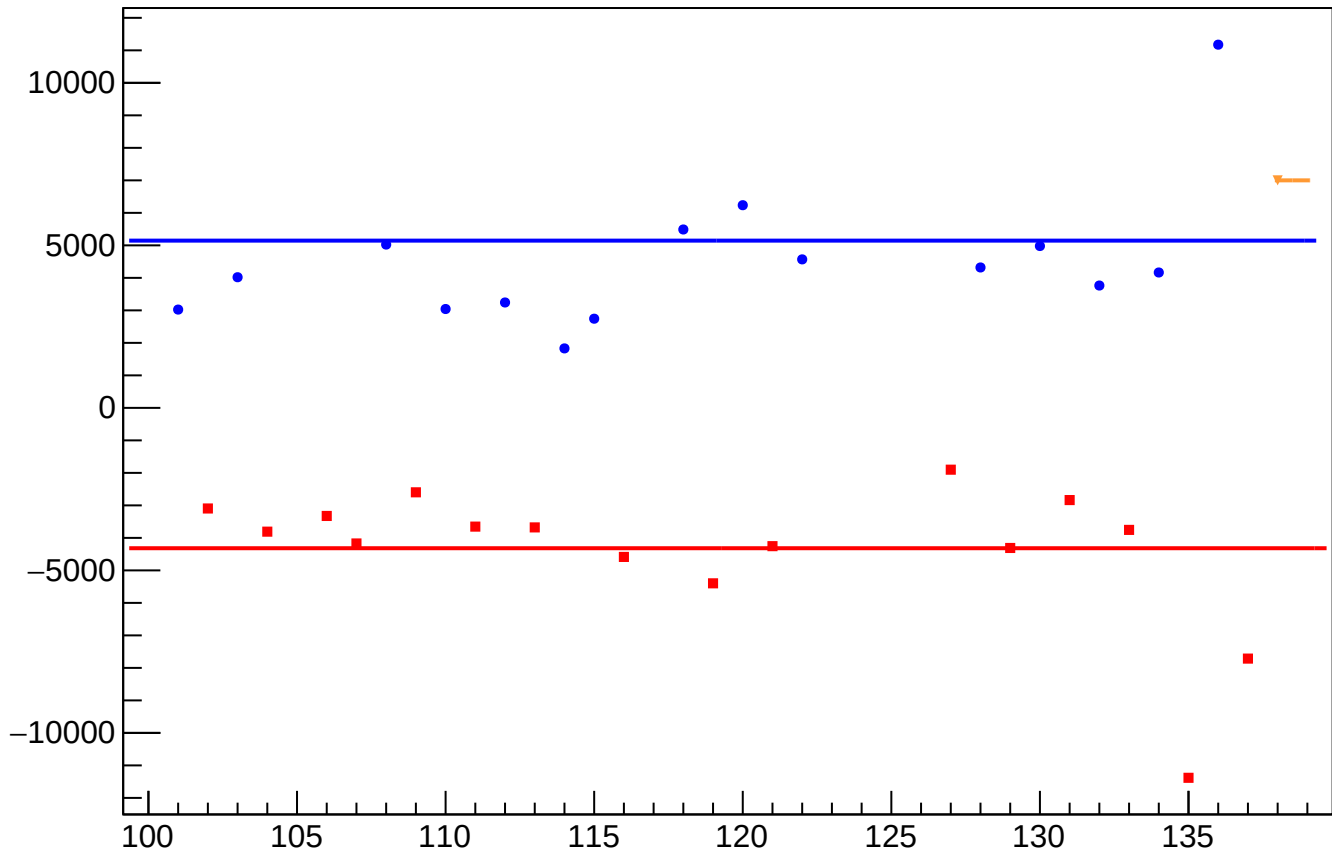
Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14
 Left Out: 331.363+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14
 Out: -656.970+/-0.000 χ^2/NDF : 371002604048959
 All: 4.718+/-0.000 χ^2/NDF : 13625862711283

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



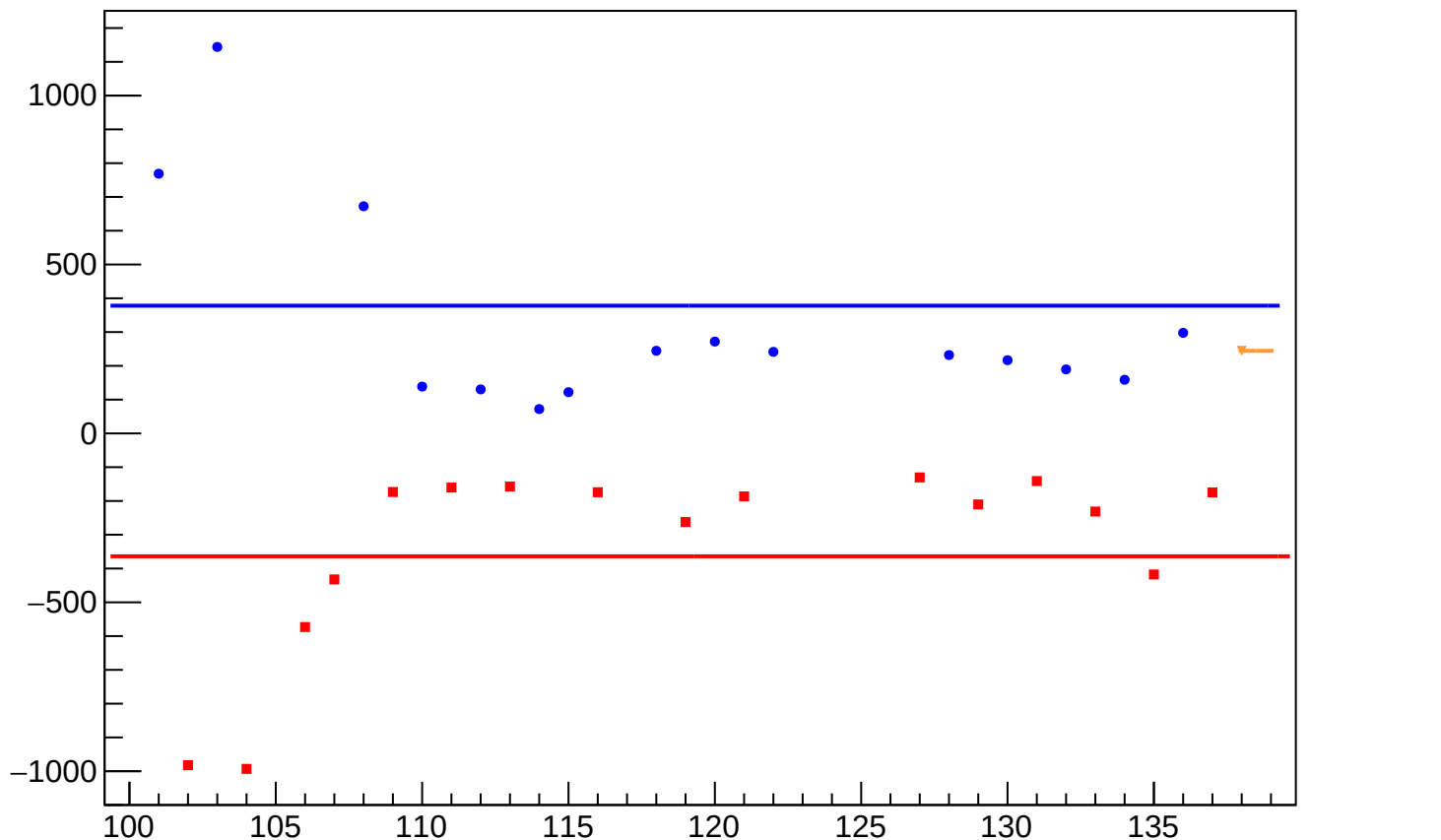
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_sam3_coil3_mean vs Slug, Sign Corrected



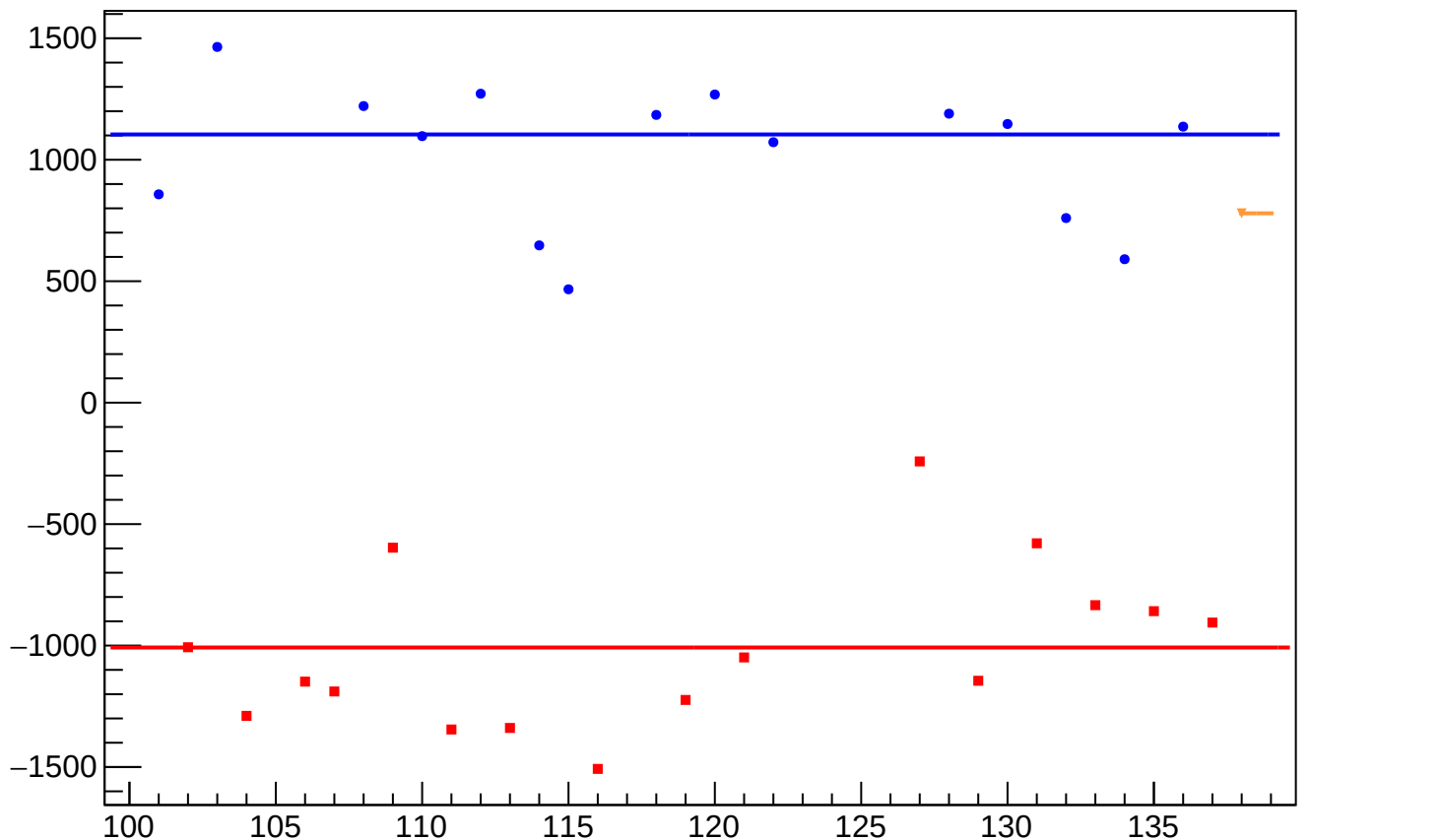
Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 6999.978+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Out: -3133.143+/-0.000 χ^2/NDF : 12290818375482
 All: 721.191+/-0.000 χ^2/NDF : 403360862686

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



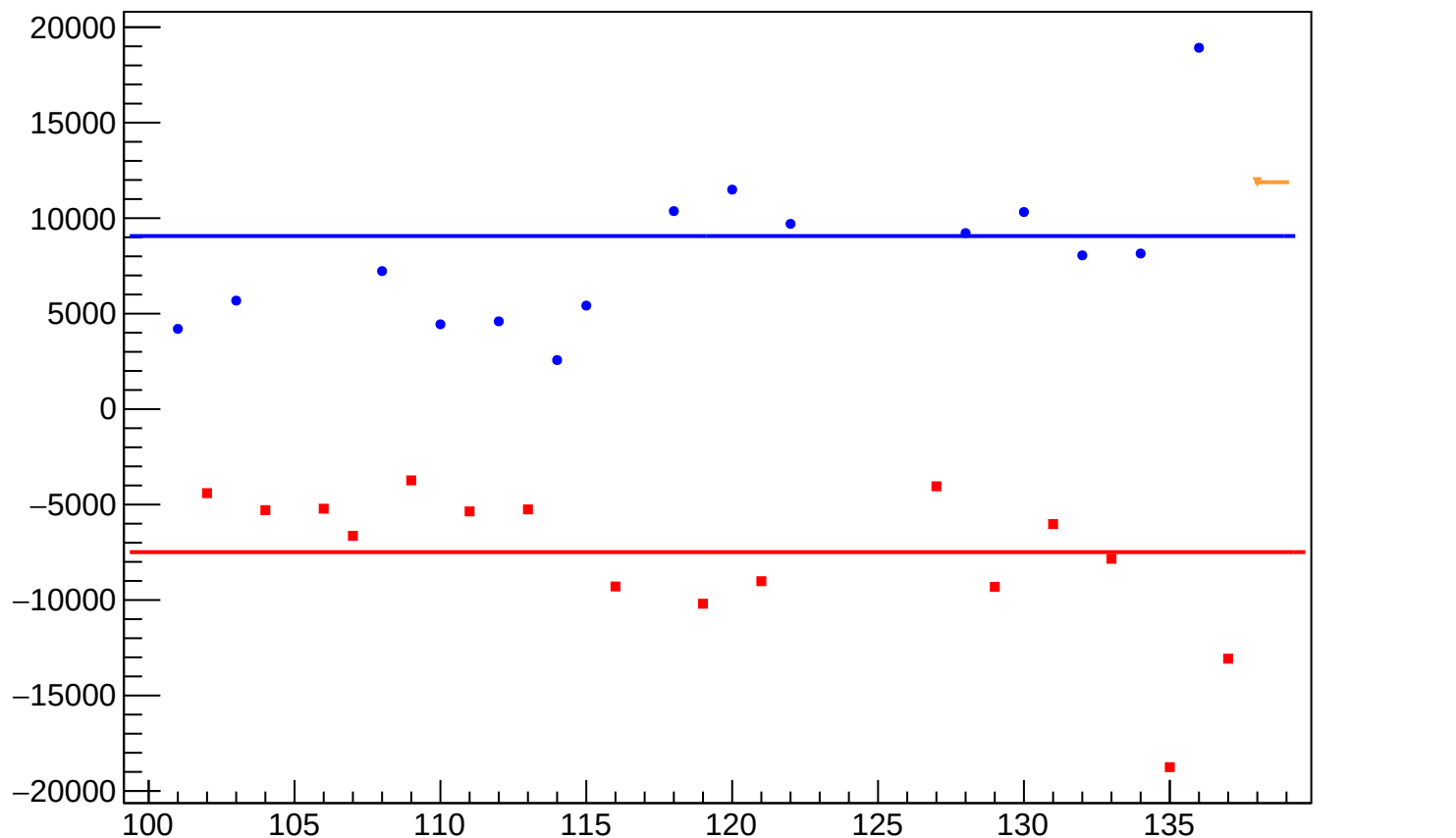
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14
 Left Out: 244.411+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14
 Out: -300.097+/-0.000 χ^2/NDF : 848618422509495
 All: 15.627+/-0.000 χ^2/NDF : 3058885481687

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



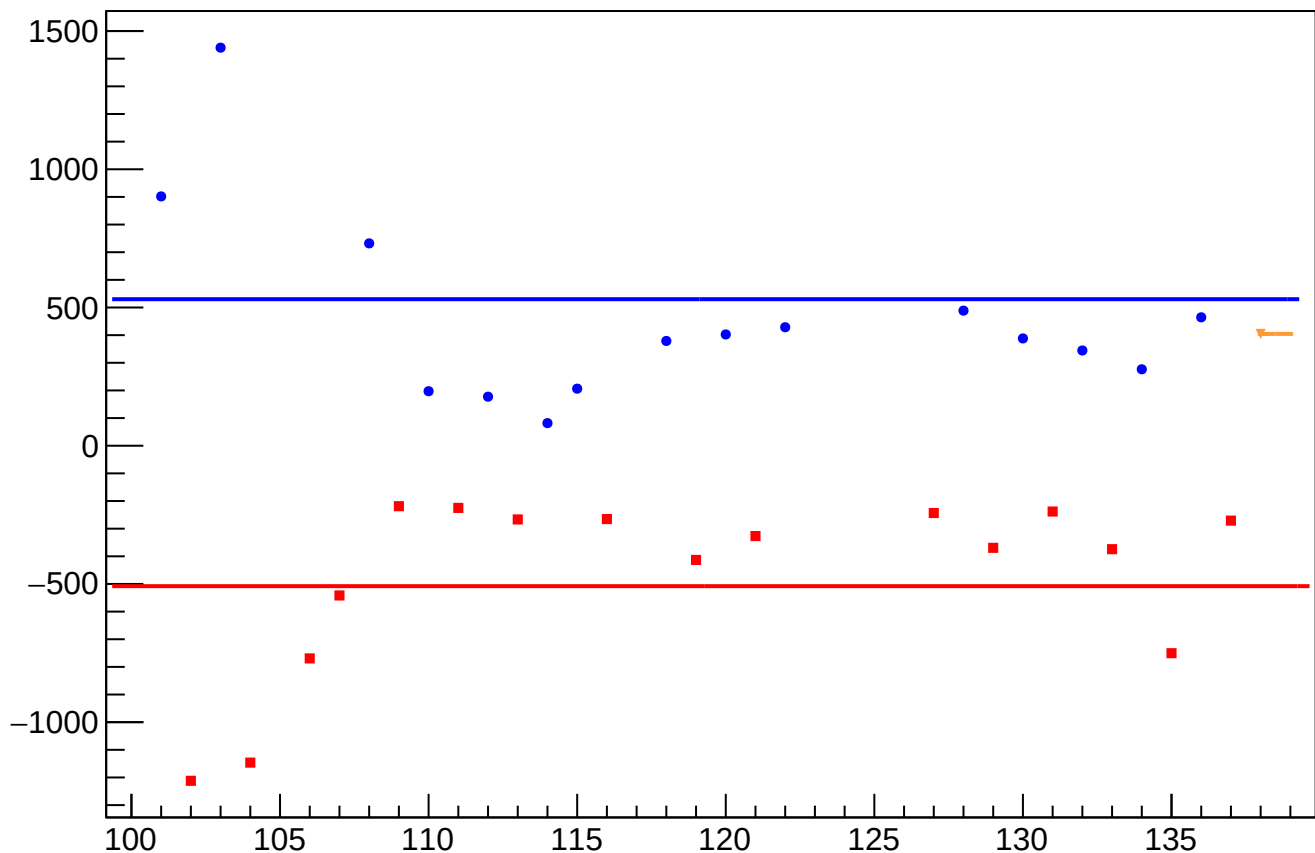
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_sam4_coil3_mean vs Slug, Sign Corrected



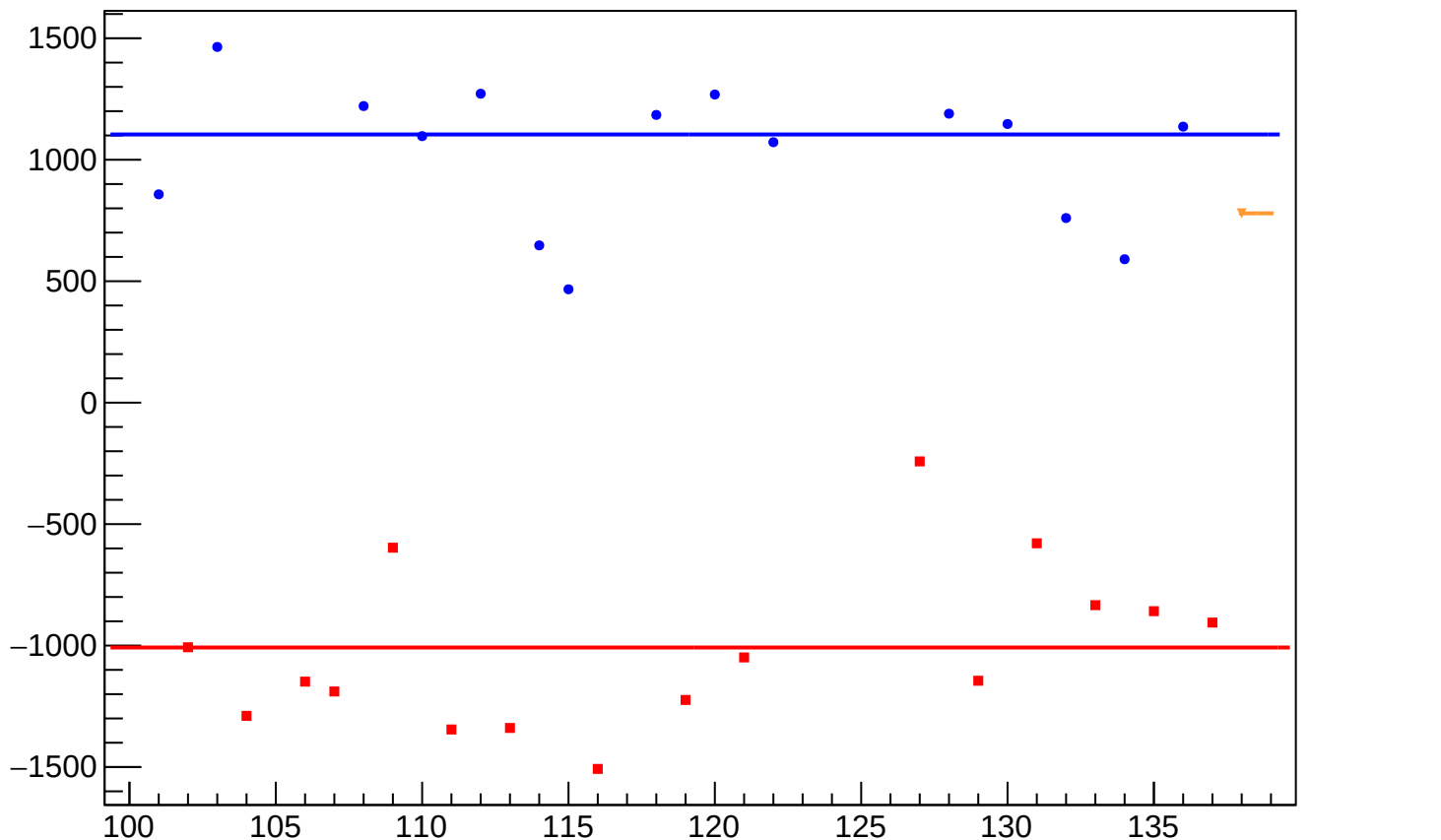
Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 11884.065+/-0.000 χ^2/NDF : 258080351.1/0
 Right Out: -7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1300.379+/-0.000 χ^2/NDF : 12311241880

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



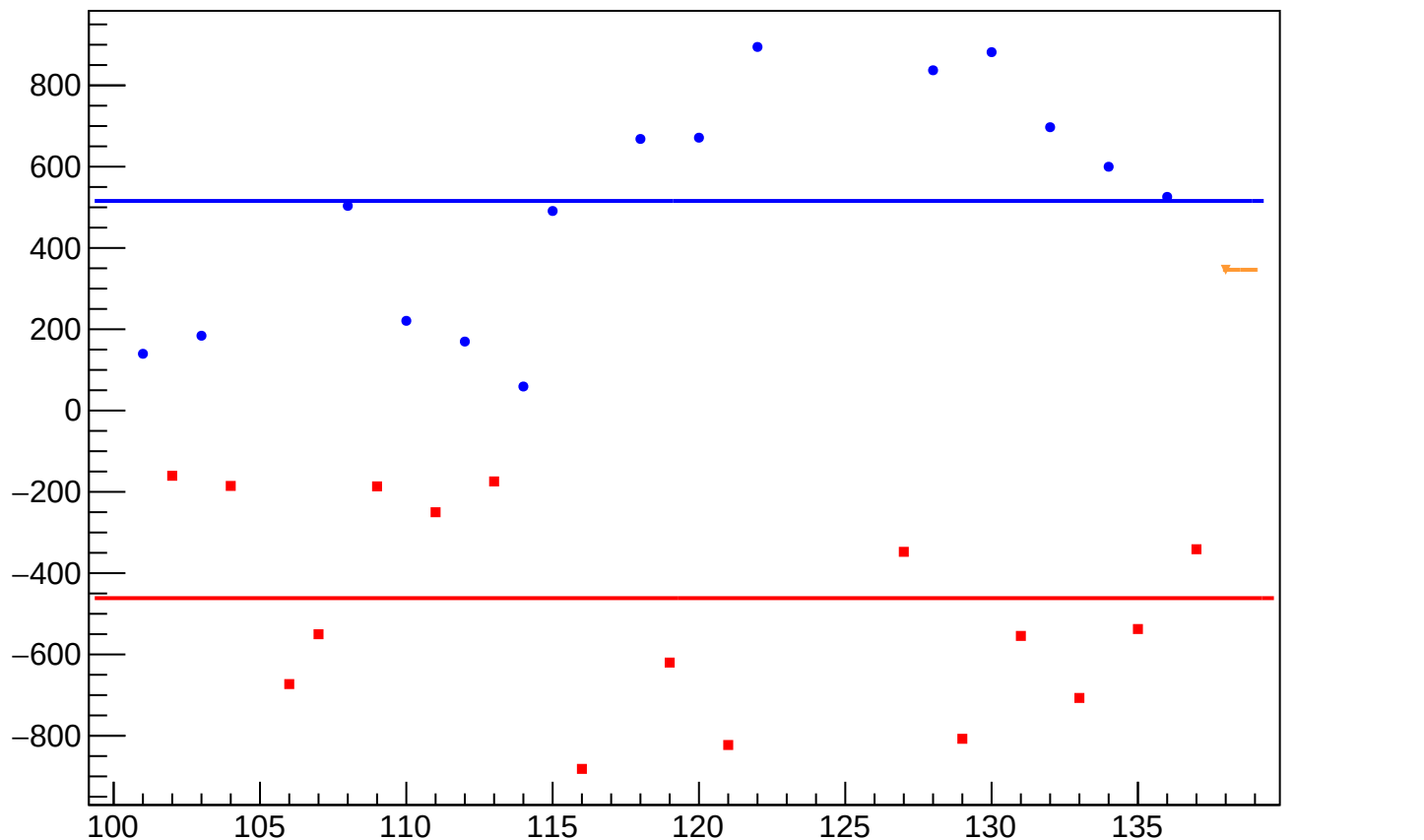
Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14
 Left Out: 404.456+/-0.000 χ^2/NDF : 252031.6/0
 Right Out: -507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 26.347+/-0.000 χ^2/NDF : 5216995645106

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



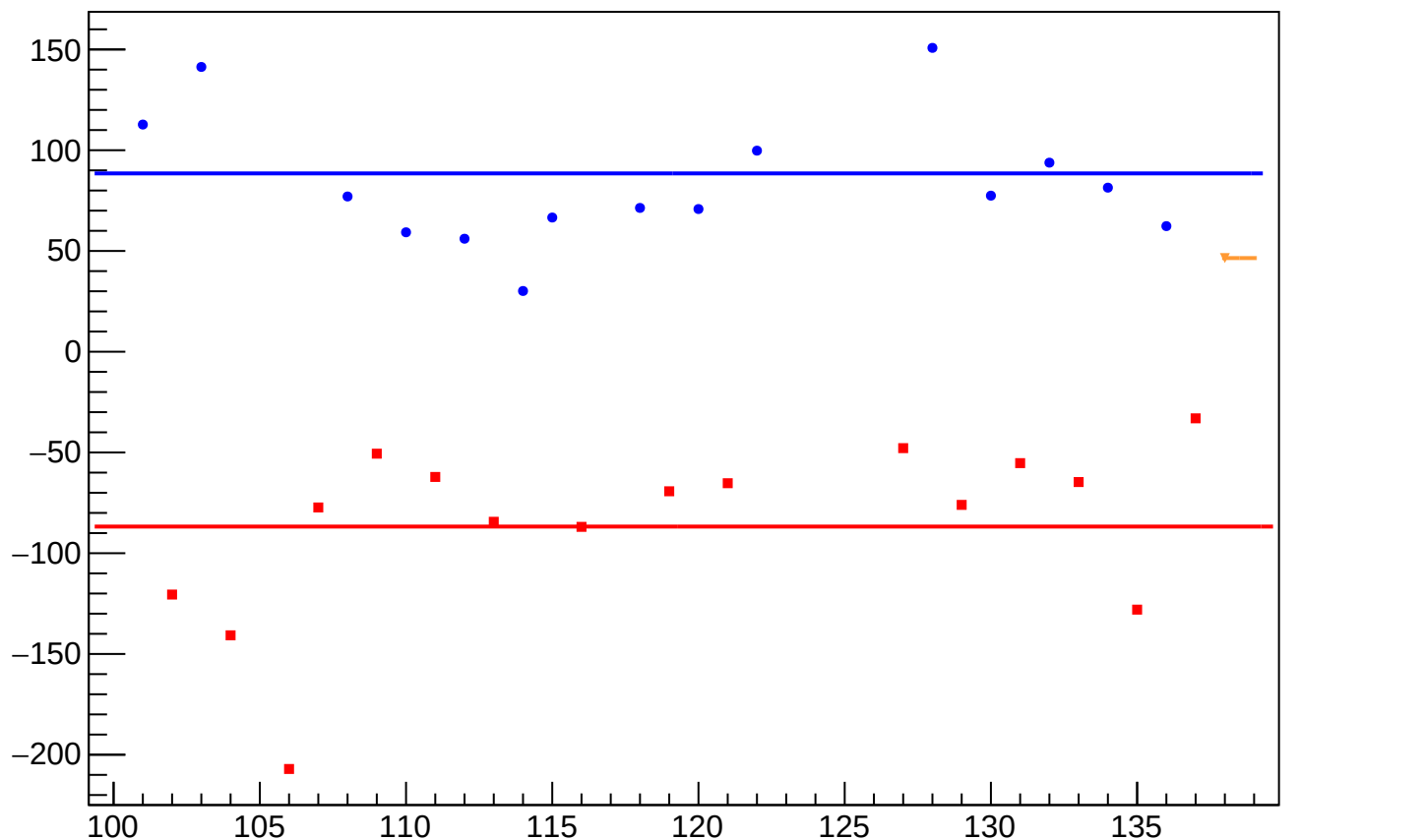
Left: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 In: 1104.111+/-0.000 χ^2/NDF : 3273784159158745
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_sam5_coil3_mean vs Slug, Sign Corrected



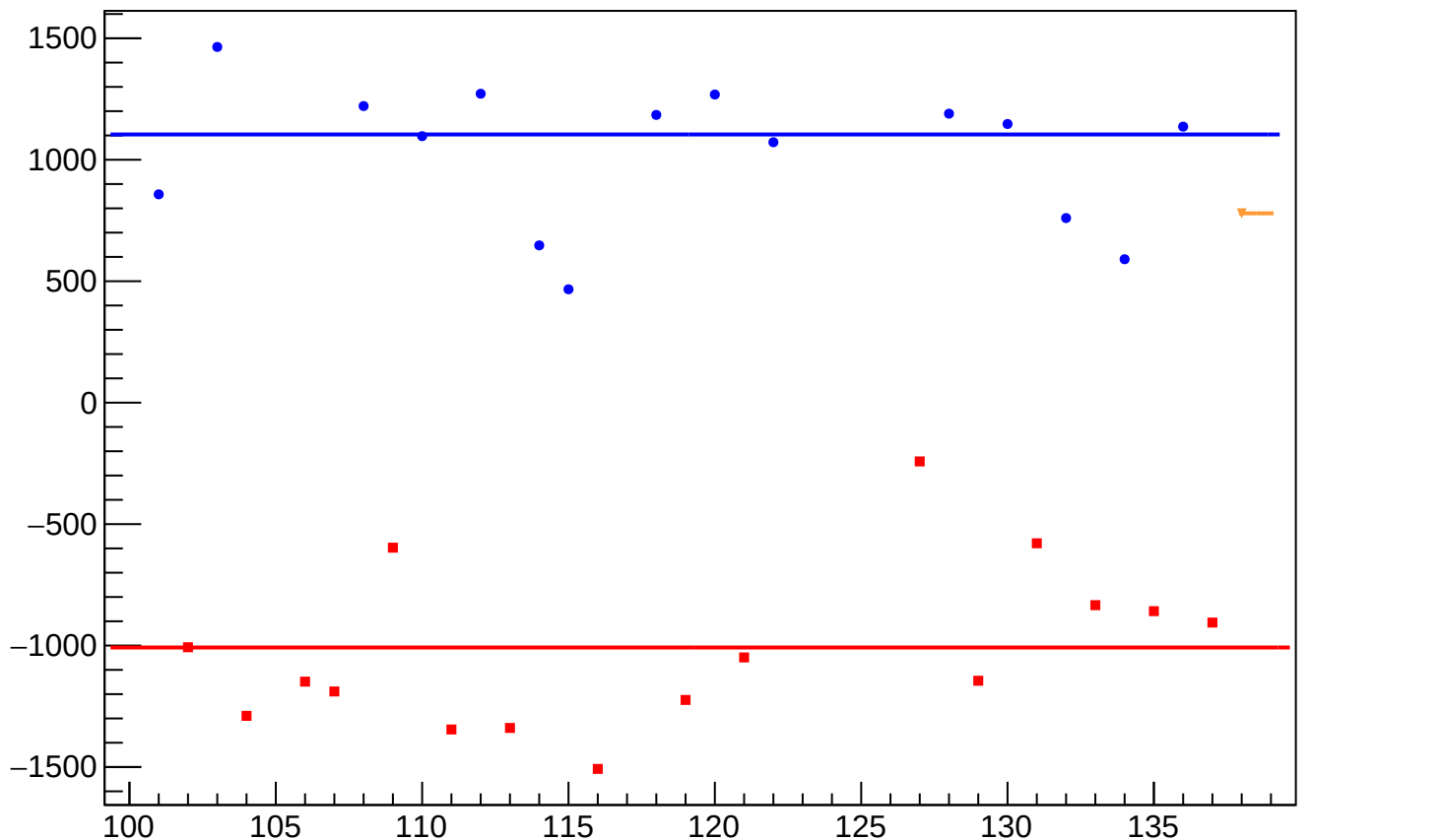
Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14
 Left Out: 346.361+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14
 Out: -376.916+/-0.000 χ^2/NDF : 860494988112256
 All: 38.626+/-0.000 χ^2/NDF : 4108300555597

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



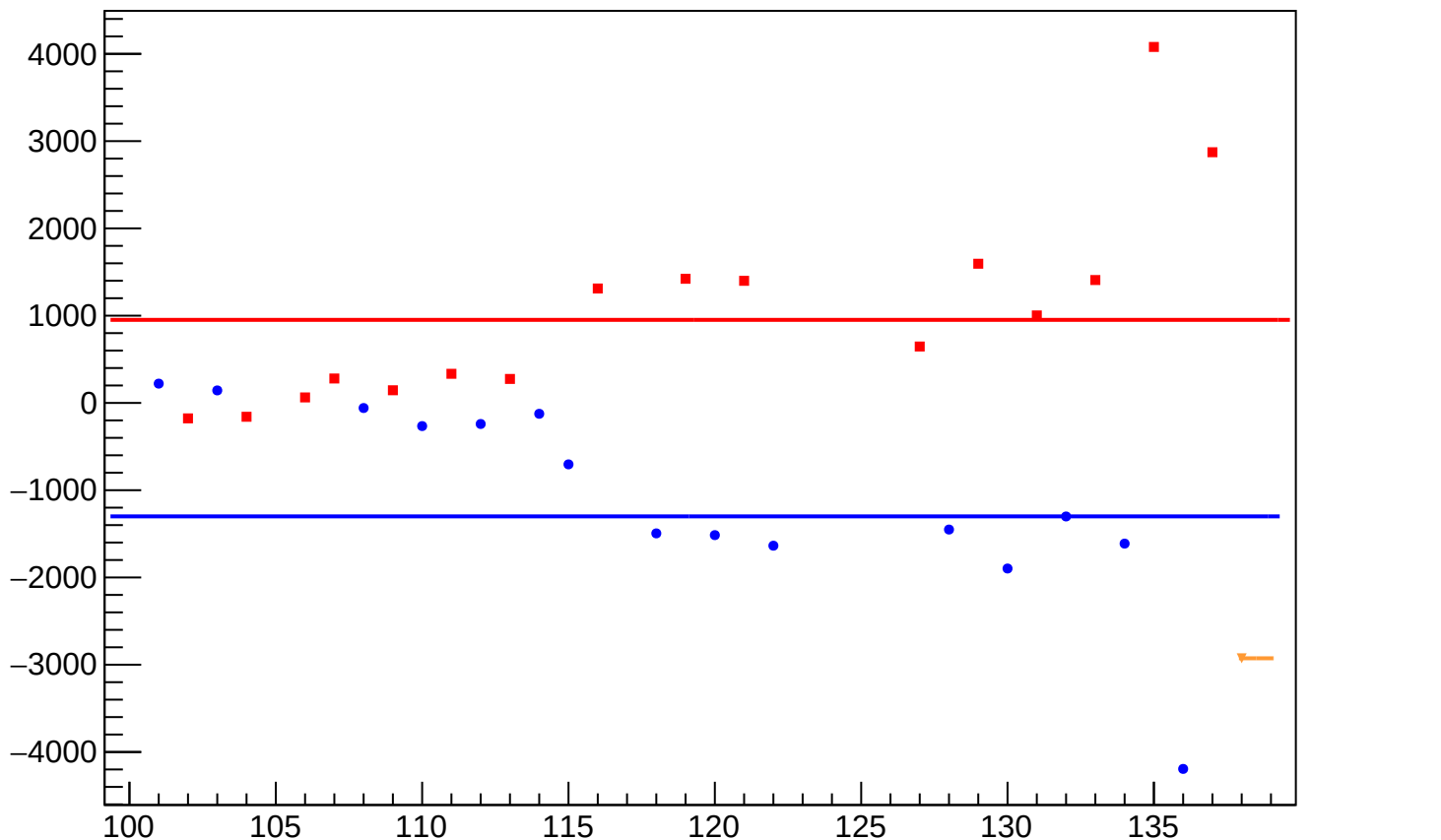
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14
 Left Out: 46.472+/-0.000 χ^2/NDF : 3938.0/0
 Right Out: -86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14
 Out: -72.823+/-0.000 χ^2/NDF : 2299054146695491.0/14
 All: 2.280+/-0.000 χ^2/NDF : 11968227468392.0/14

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



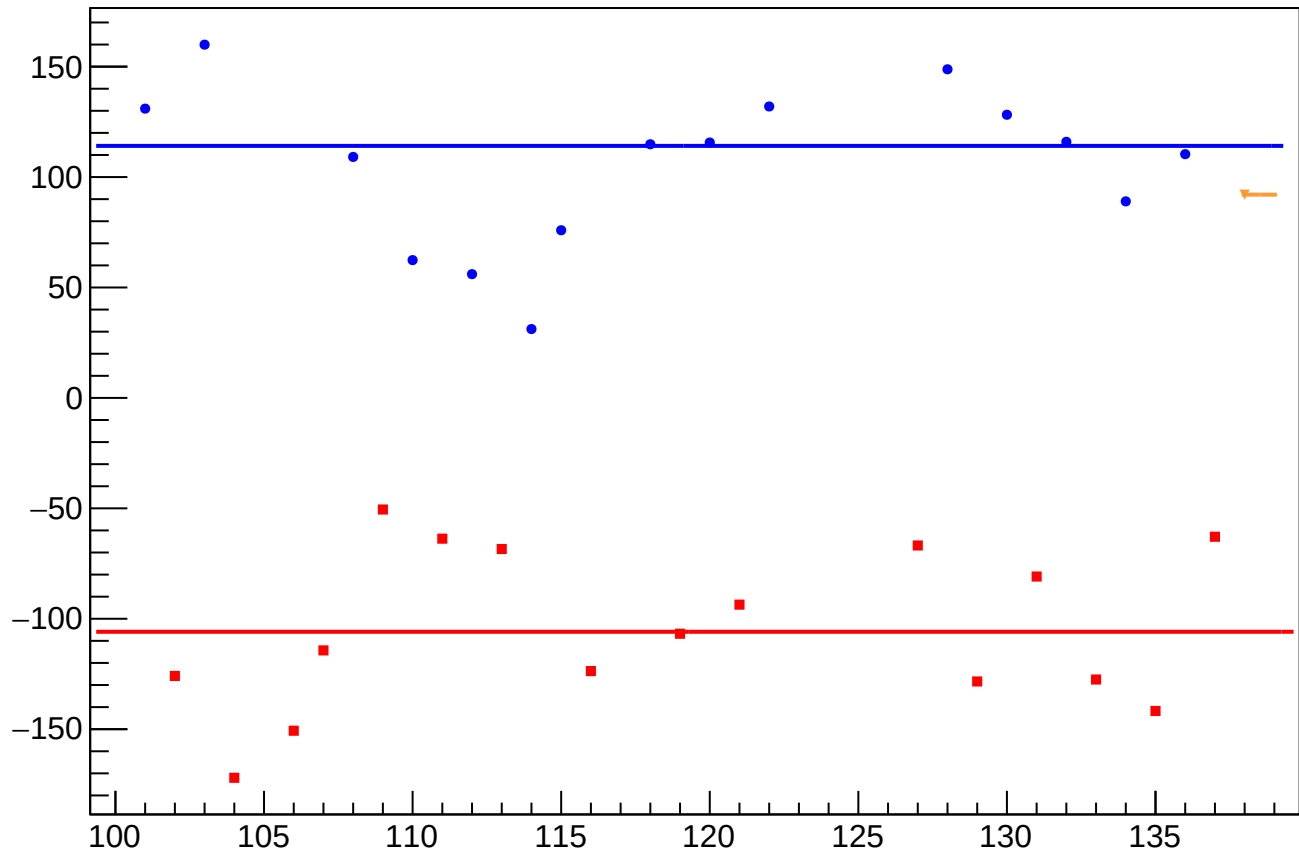
Left: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 In: 1104.111+/-0.000 χ^2/NDF : 3273784159158745
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000 χ^2/NDF : 1199649252163216367086408691577524322304.0/14
 Left Out: -2926.096+/-0.000 χ^2/NDF : 16130021.9/0
 Right Out: 951.903+/-0.000 χ^2/NDF : 841314696863657044174468284217089327104.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -313.453+/-0.000 χ^2/NDF : 42728677177

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 92.041+/-0.000 χ^2/NDF :0.0/0

Right Out: -105.890+/-0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 92.041+/-0.000 χ^2/NDF : 0.0/0

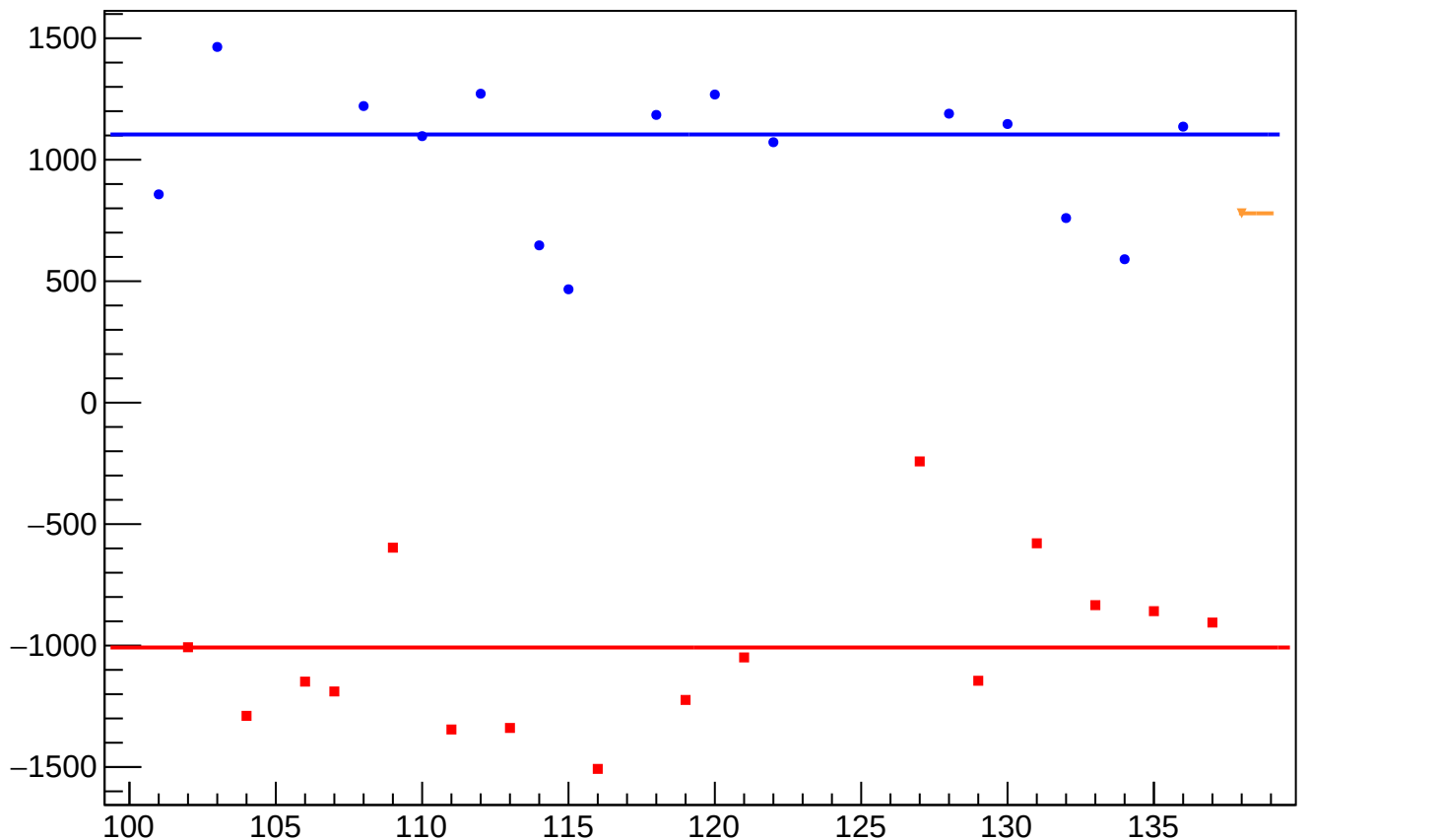
Right: 2.610+/-0.000 χ^2/NDF : 17380785718088446

In: 114.118+/-0.000 χ^2/NDF :607226770891525118881736460452495360.0/14

Out: -85.167+/-0.000 χ^2/NDF :3587685085706064

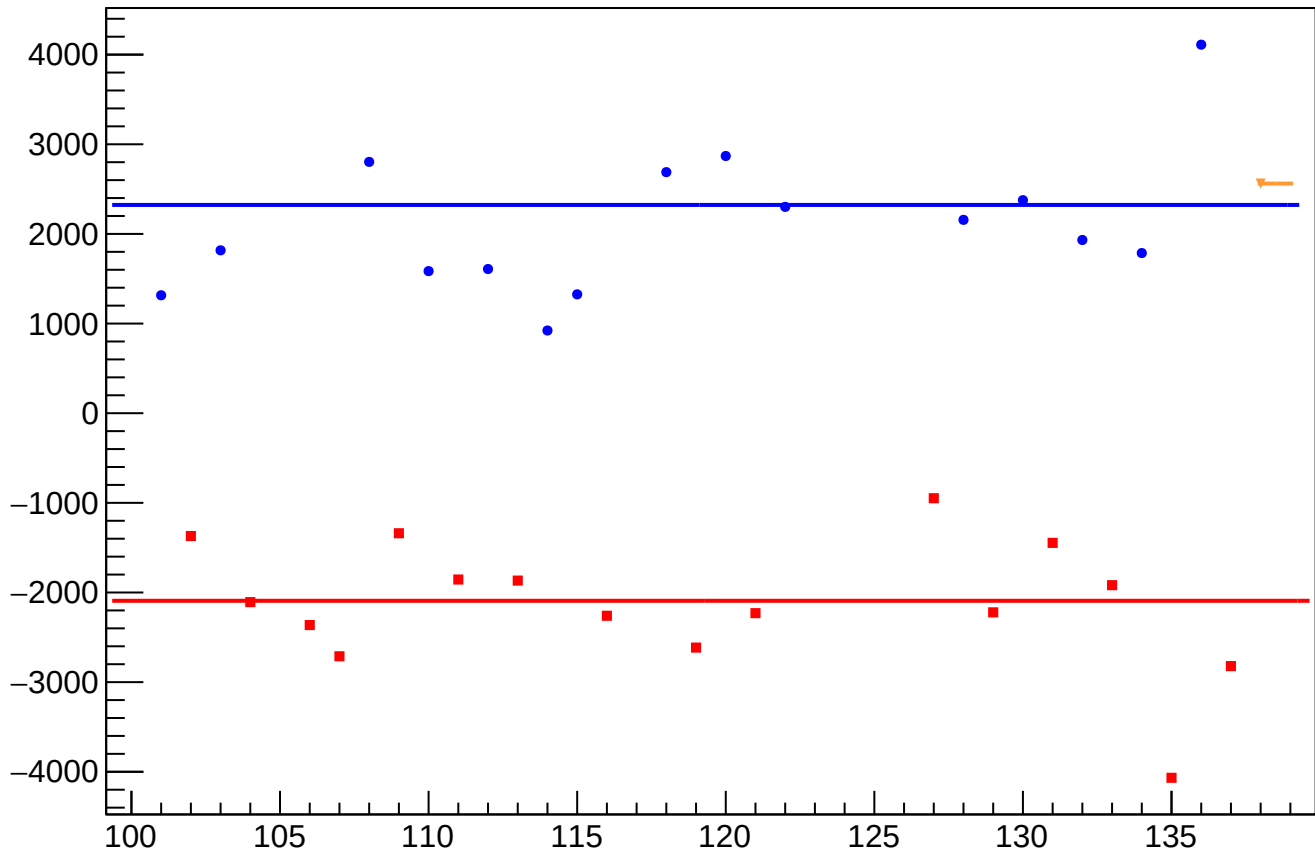
All: 7.614+/-0.000 χ^2/NDF : 1796971666973

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



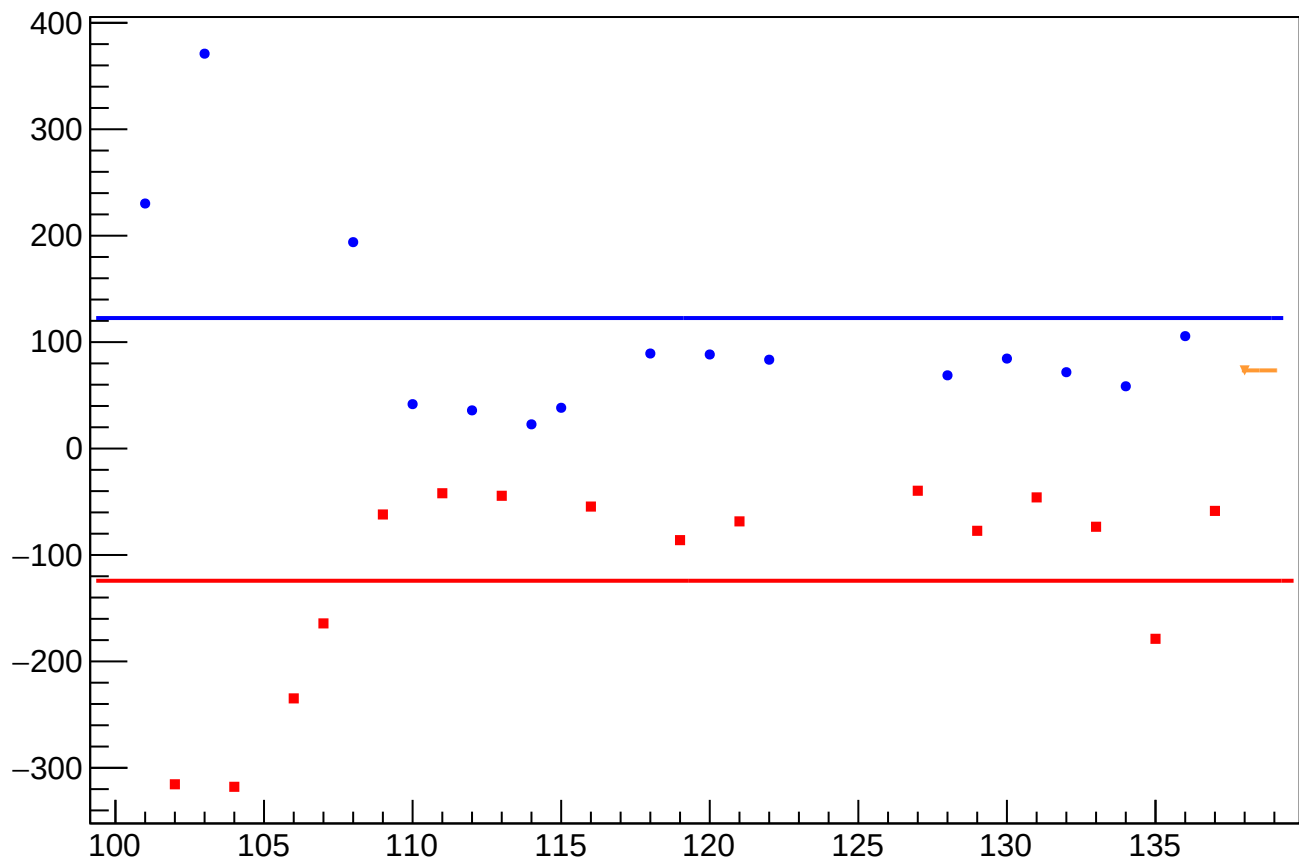
Left: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 In: 1104.111+/-0.000 χ^2/NDF : 3273784159158745
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_sam7_coil3_mean vs Slug, Sign Corrected



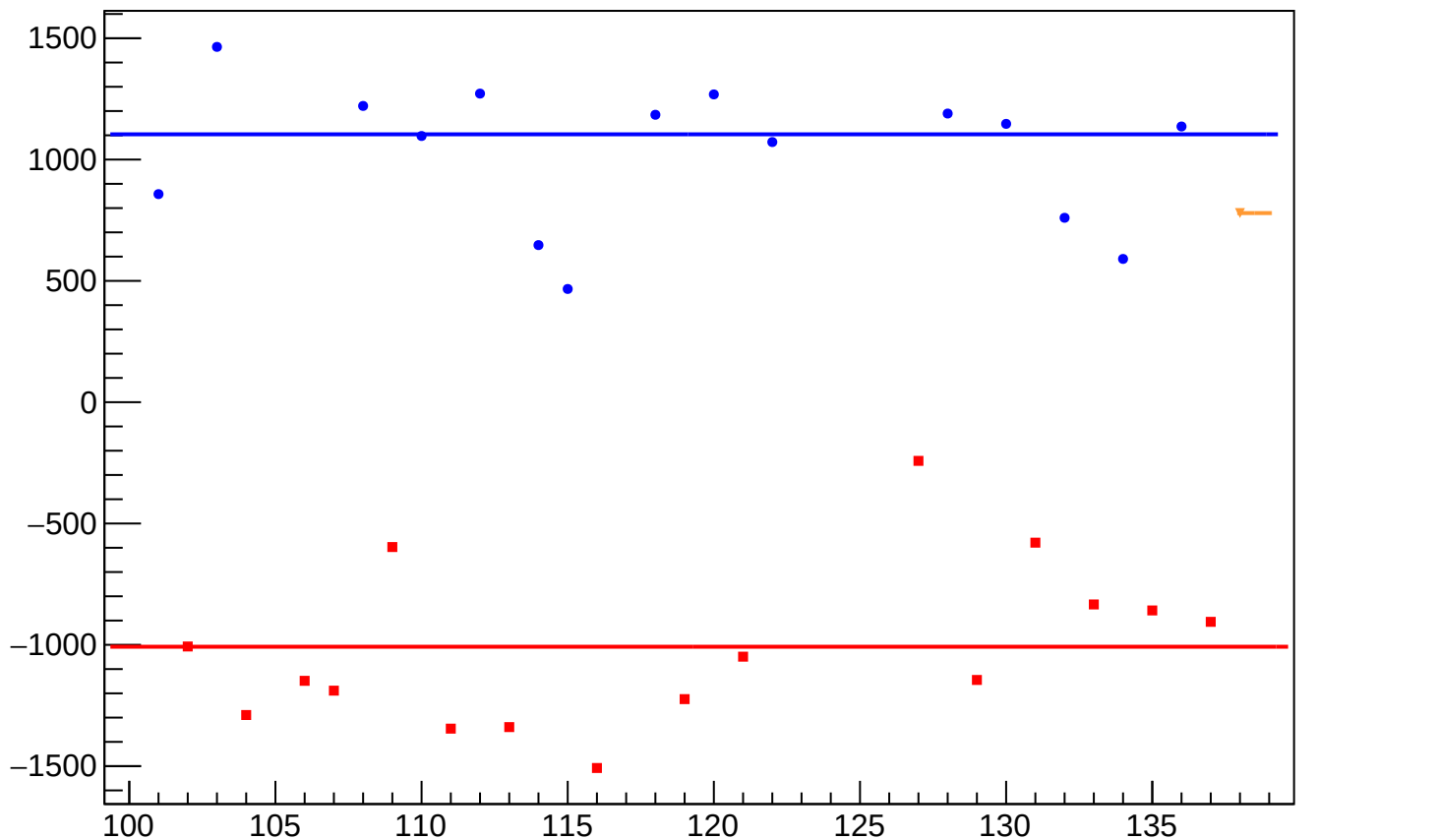
Right In: 2323.372+/-0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14
 Left Out: 2561.457+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 223.811+/-0.000 χ^2/NDF : 770915180304

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



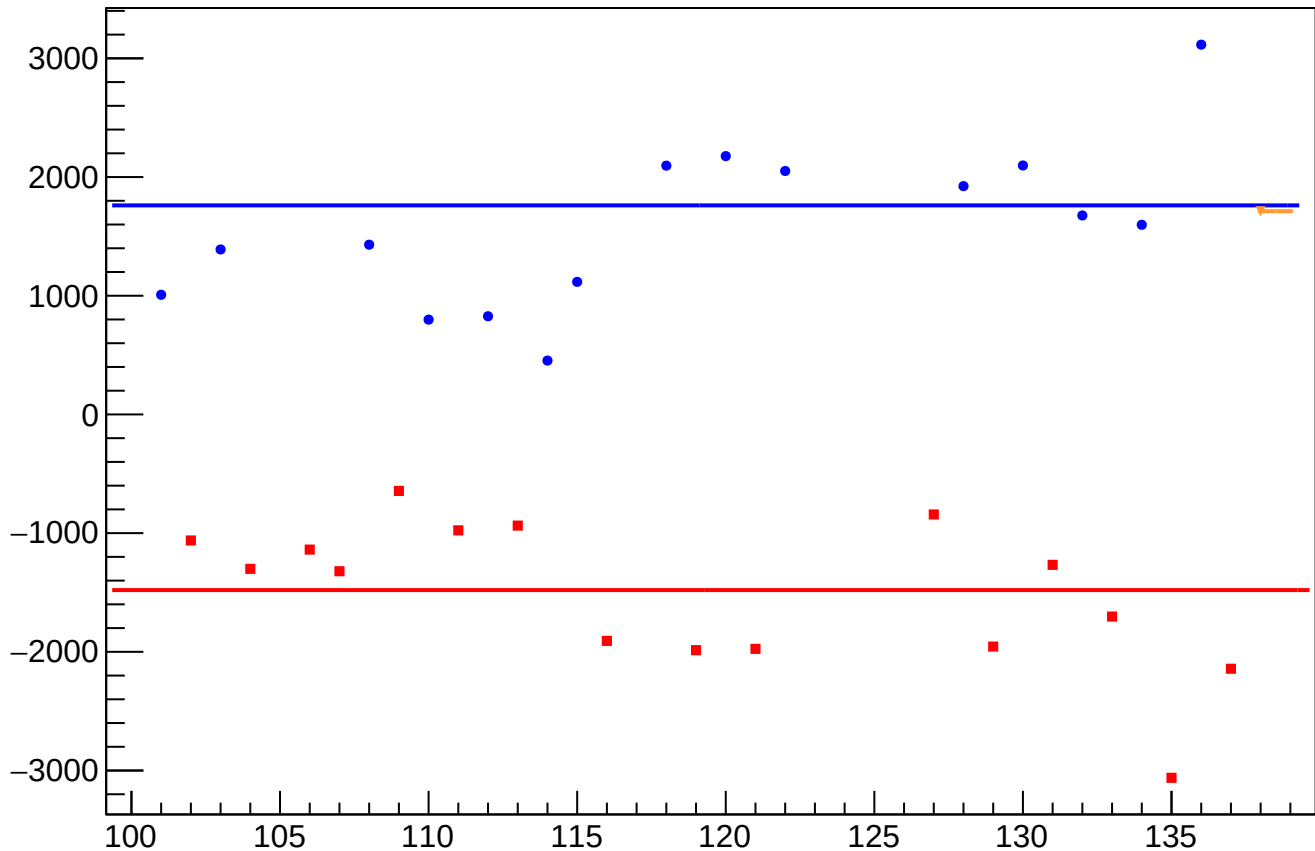
Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Left Out: 73.431+/-0.000 χ^2/NDF : 15752.0/0
 Right Out: -124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Out: -103.523+/-0.000 χ^2/NDF : 927764491384964
 All: 1.763+/-0.000 χ^2/NDF : 32953497383673

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 In: 1104.111+/-0.000 χ^2/NDF : 3273784159158745
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1761.245+/-0.000

χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 1712.100+/-0.000

χ^2/NDF : 0.0/0

Right Out: -1479.801+/-0.000

χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1761.245+/-0.000

χ^2/NDF : 332206925976055306953064744993096204288.0/14

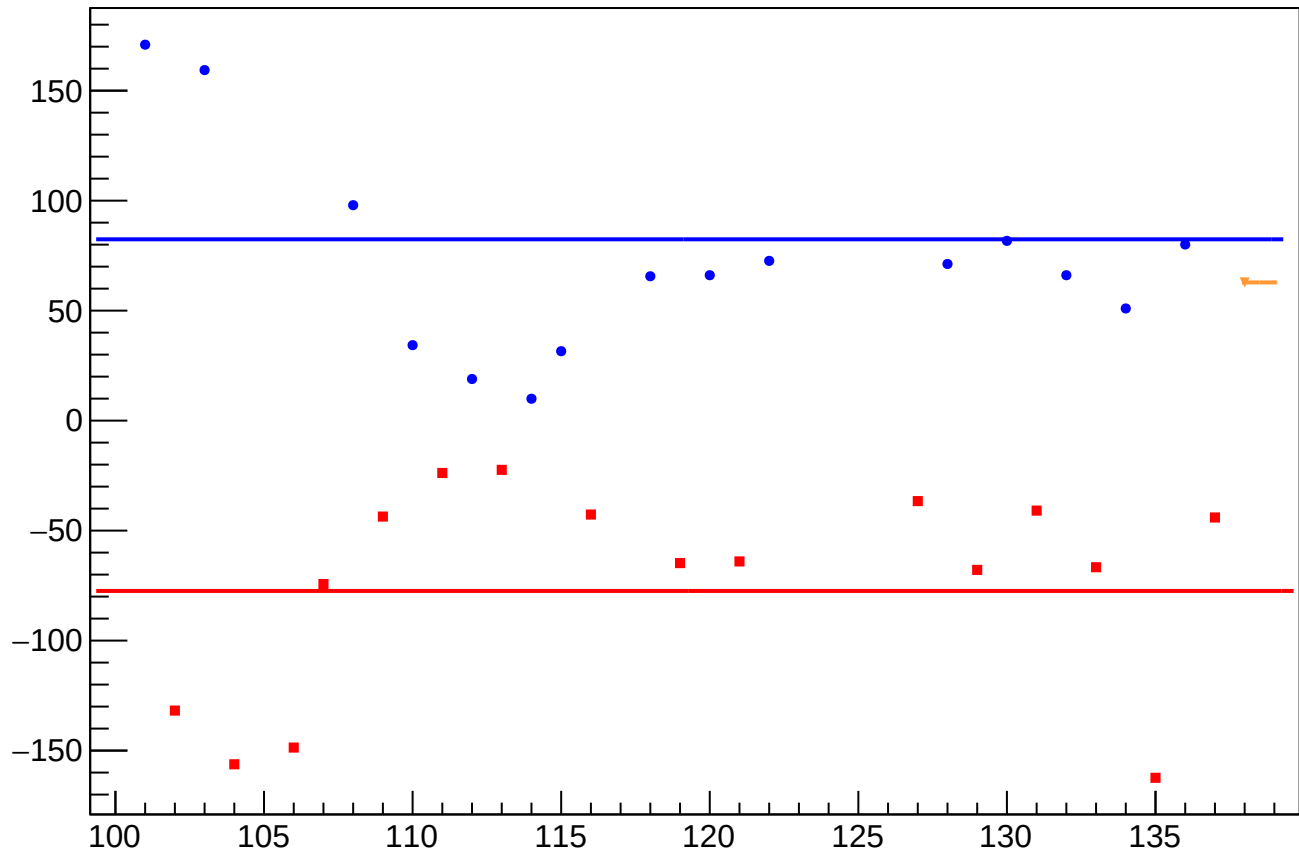
Out: -1145.615+/-0.000

χ^2/NDF : 97494811359995

All: 207.722+/-0.000

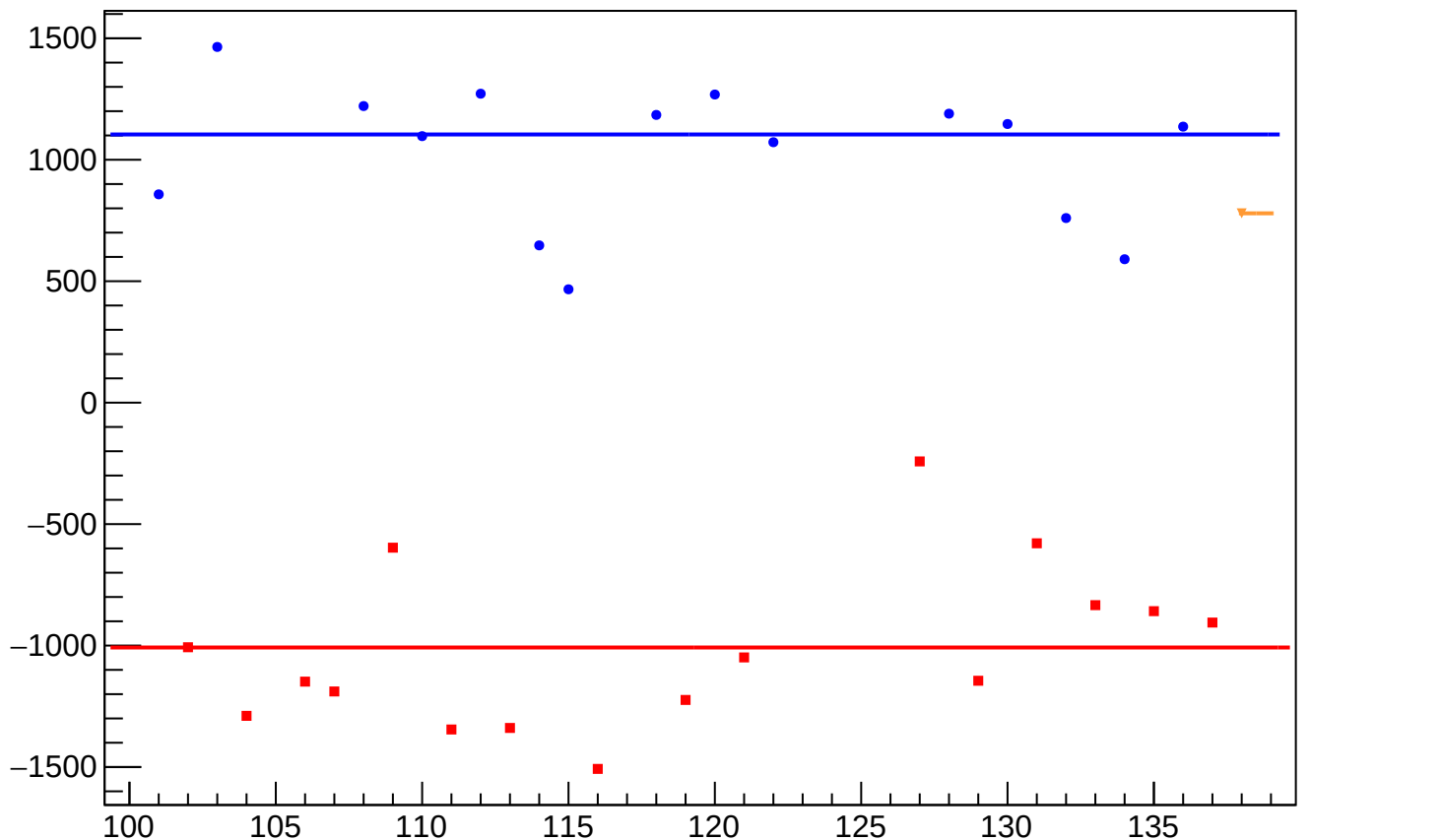
χ^2/NDF : 423795664083

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



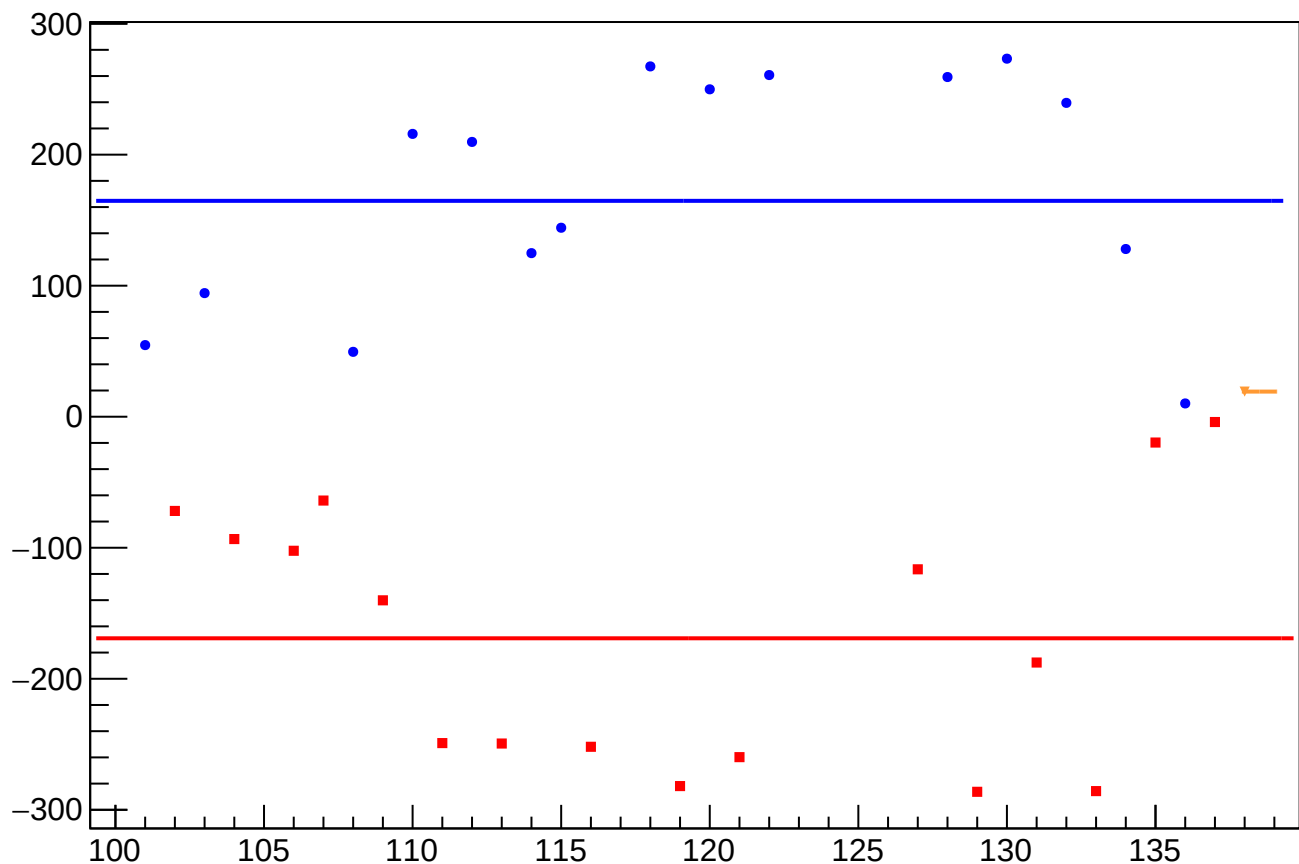
Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14
 Left Out: 62.824+/-0.000 χ^2/NDF : 3938.0/0
 Right Out: -77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14
 Out: -62.746+/-0.000 χ^2/NDF : 2889164634053616
 All: 4.840+/-0.000 χ^2/NDF : 11462145119848

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 779.487+/-0.000 χ^2/NDF :1008126.4/0
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 In: 1104.111+/-0.000 χ^2/NDF :32737841591587454251521906421545304064.0/14
 Out: -820.769+/-0.000 χ^2/NDF :292180223763152
 All: 75.391+/-0.000 χ^2/NDF : 1610043580978

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 164.752+/-0.000

χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left: 19.178+/-0.000 χ^2/NDF : 0.0/0

Right: -4.461+/-0.000 χ^2/NDF : 4907468178563624

Left Out: 19.178+/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.108+/-0.000

χ^2/NDF : 6040721802042936822766910687819071488.0/15

In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Out: -149.394+/-0.000 χ^2/NDF : 851641424707217

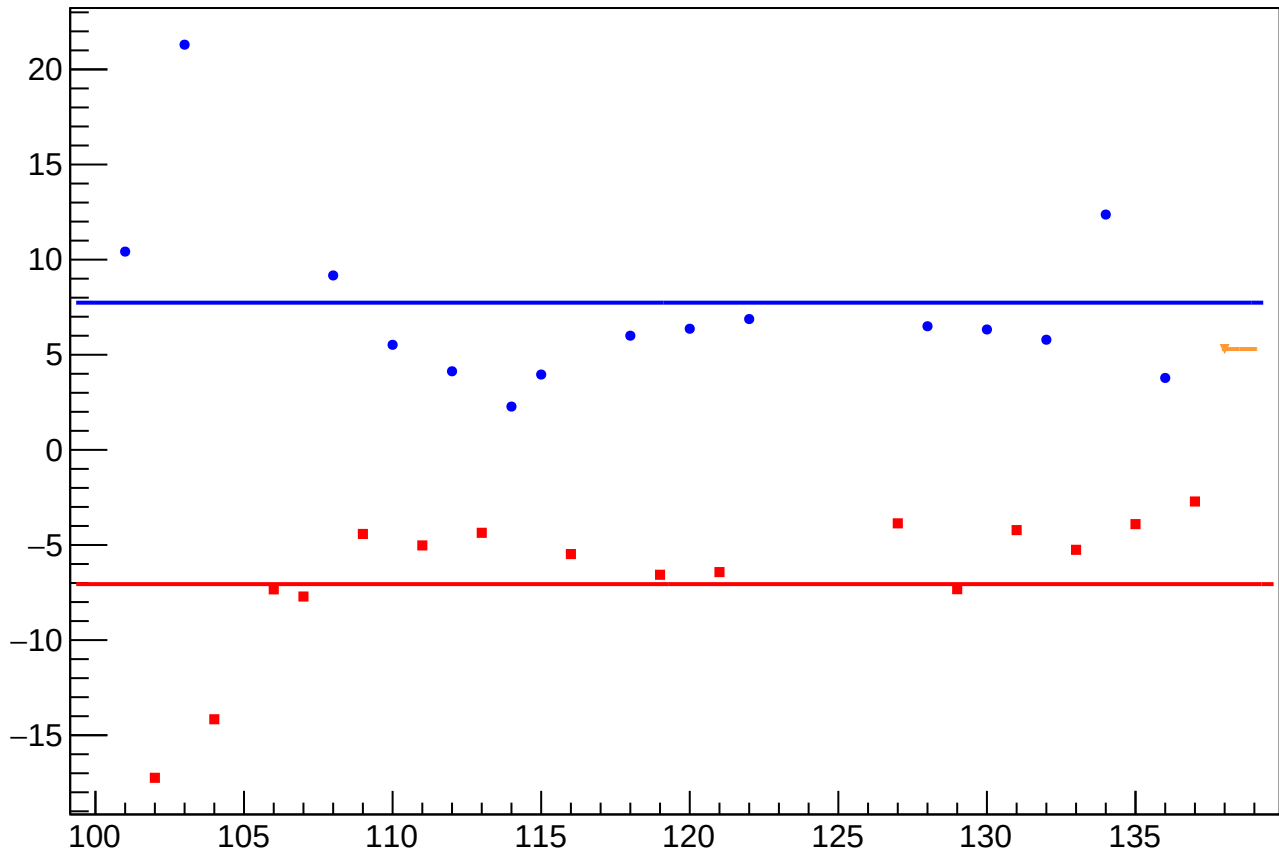
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

χ^2/NDF : 0.0/0

All: -3.138+/-0.000 χ^2/NDF : 4911582901494

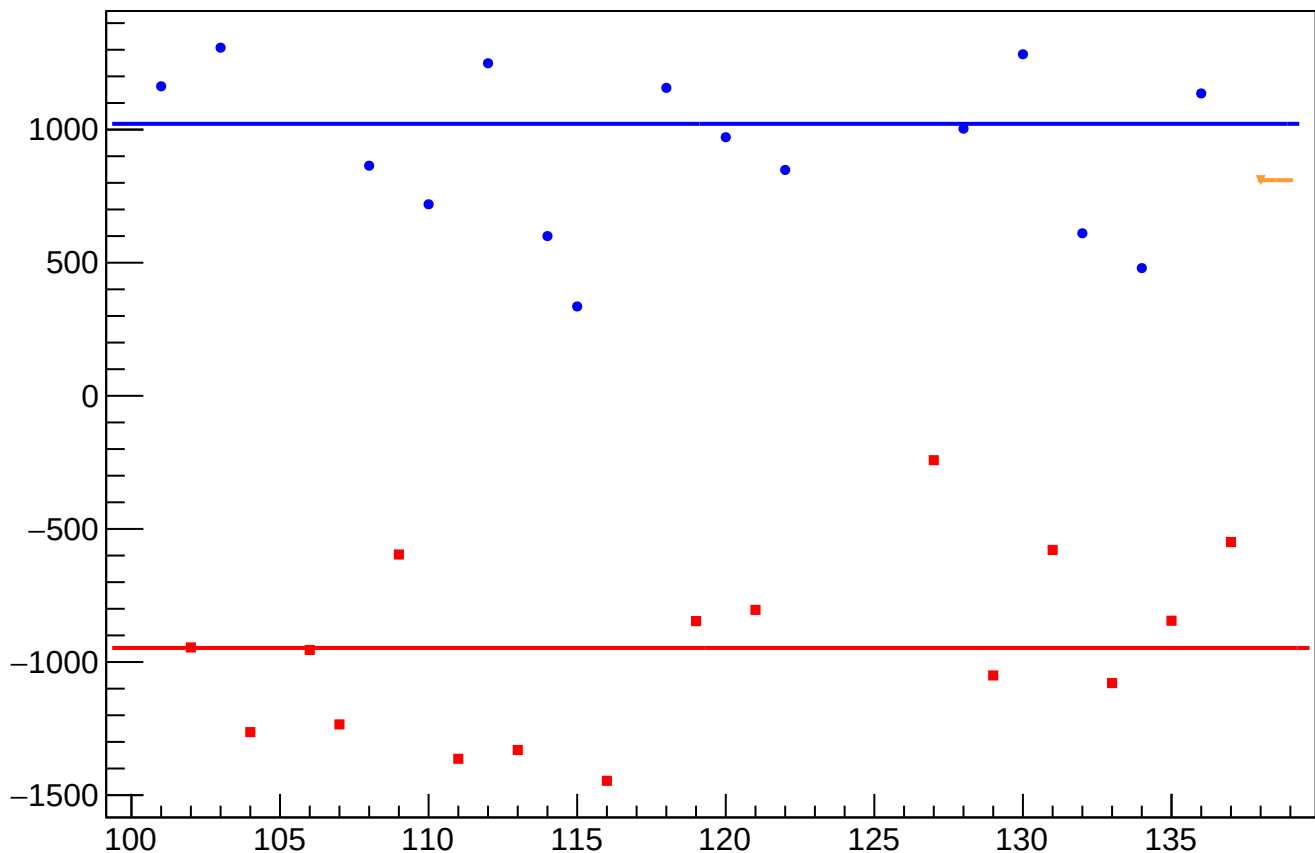
χ^2/NDF : 4911582901494

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



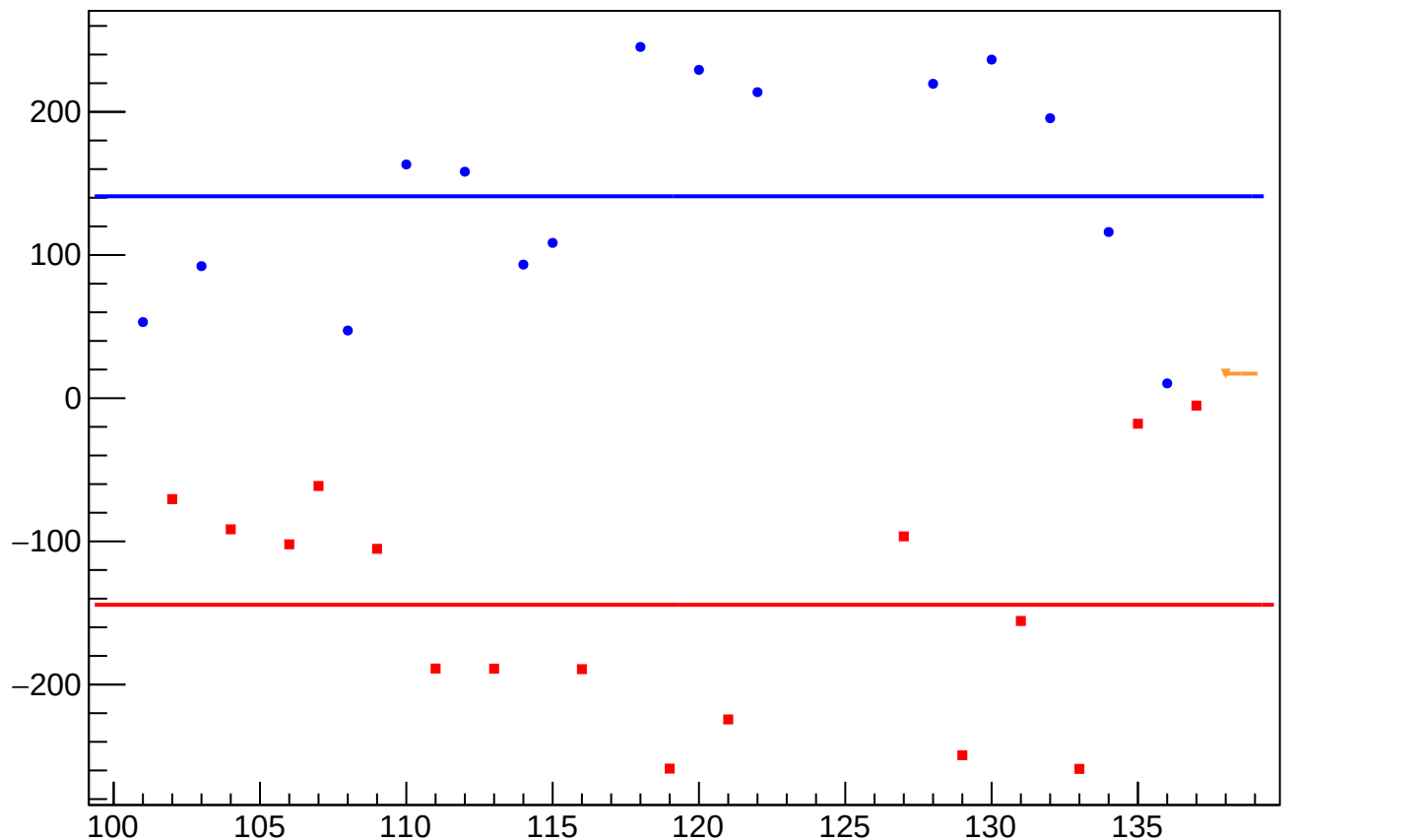
Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 5.301+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.523+/-0.000 χ^2/NDF : 10031064174117

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



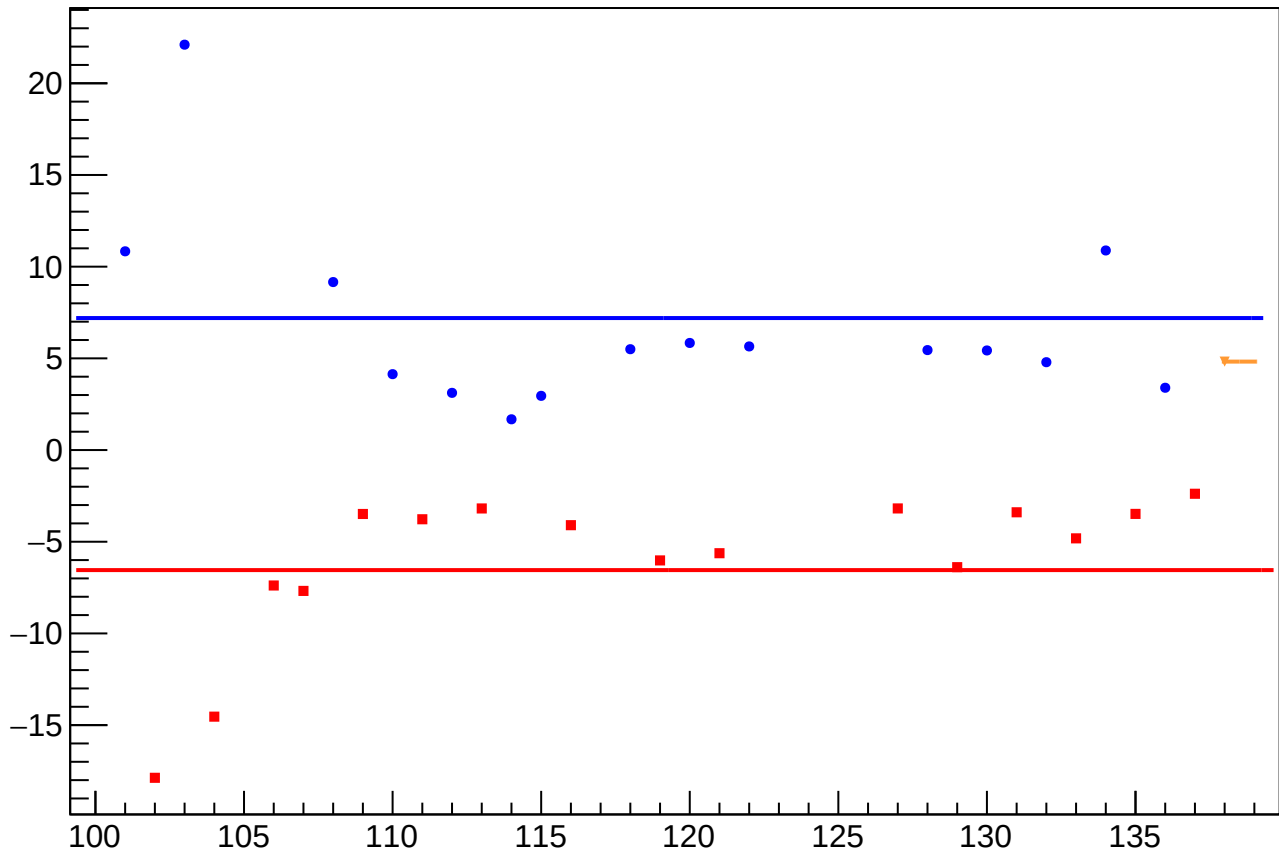
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 809.974 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 1021.684 $\pm$ 0.000 χ^2 /NDF:40493101470870278397836276403592495104.0/14
 Out: -763.179 $\pm$ 0.000 χ^2 /NDF:283393664426041
 All: 67.794 $\pm$ 0.000 χ^2 /NDF: 1428849930305

dit_4eX_coil7_mean vs Slug, Sign Corrected



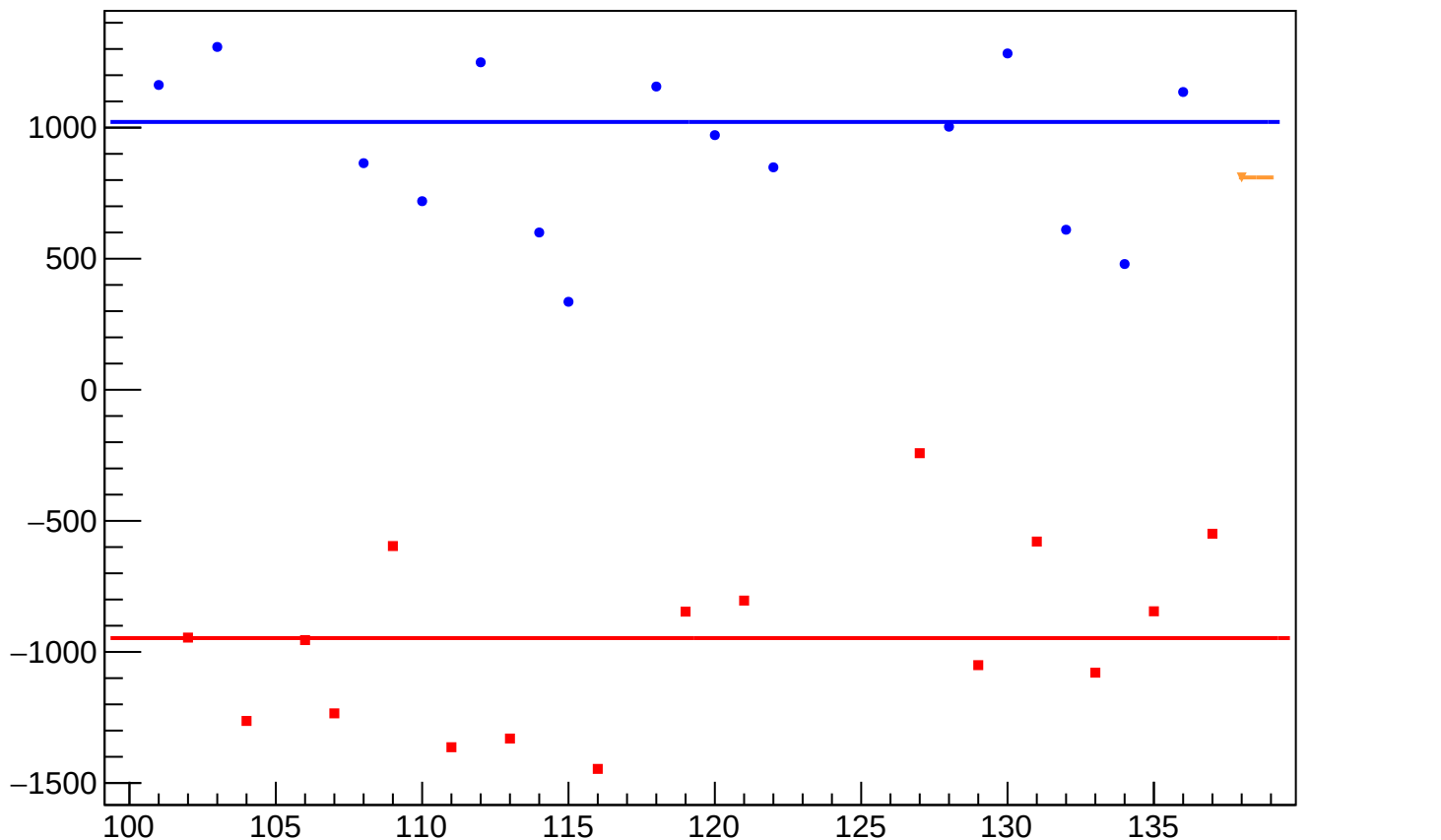
Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14
 Left Out: 17.152+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.417+/-0.000 χ^2/NDF : 3558502623590

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



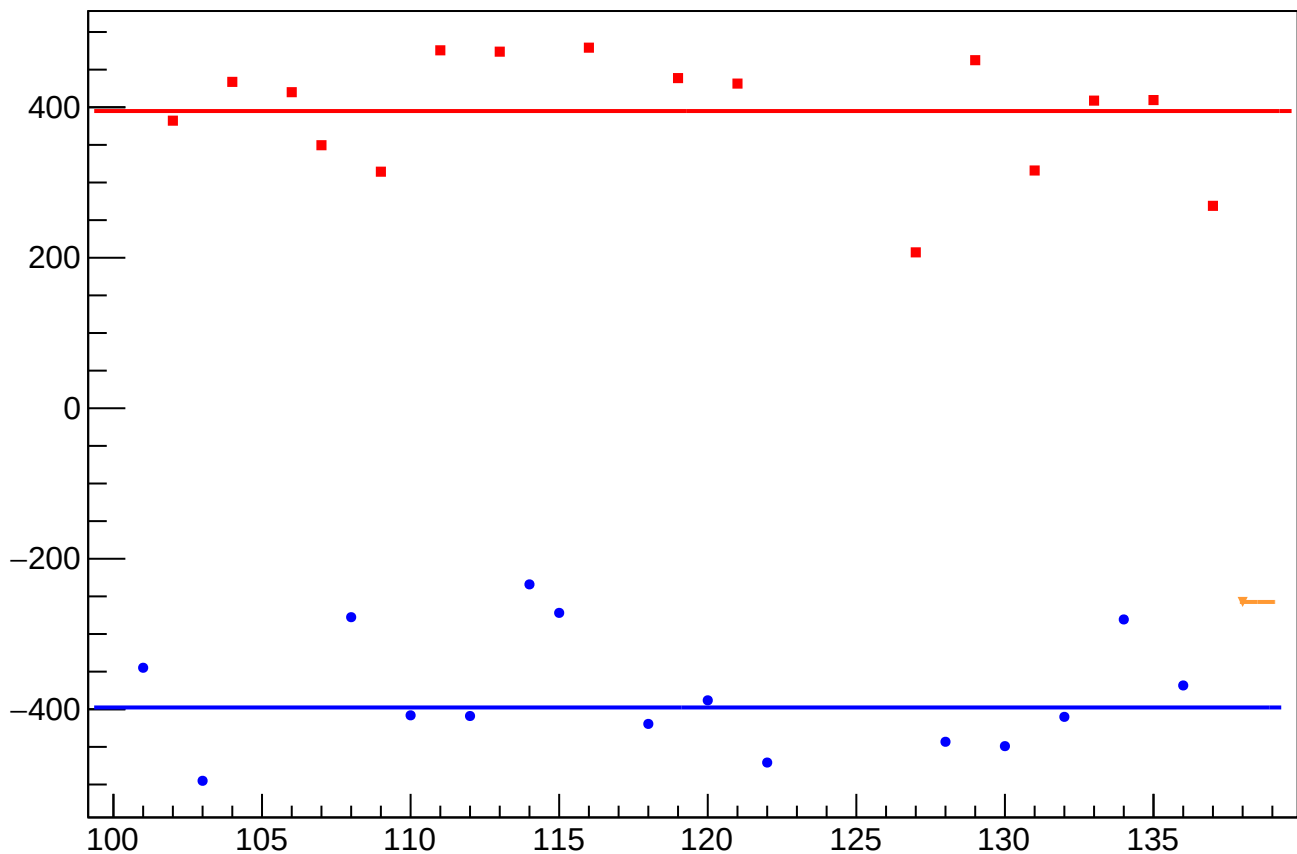
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14
 Left Out: 4.823+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14
 Out: -5.356+/-0.000 χ^2/NDF : 23105577456086547
 All: 0.488+/-0.000 χ^2/NDF : 95982948012256

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



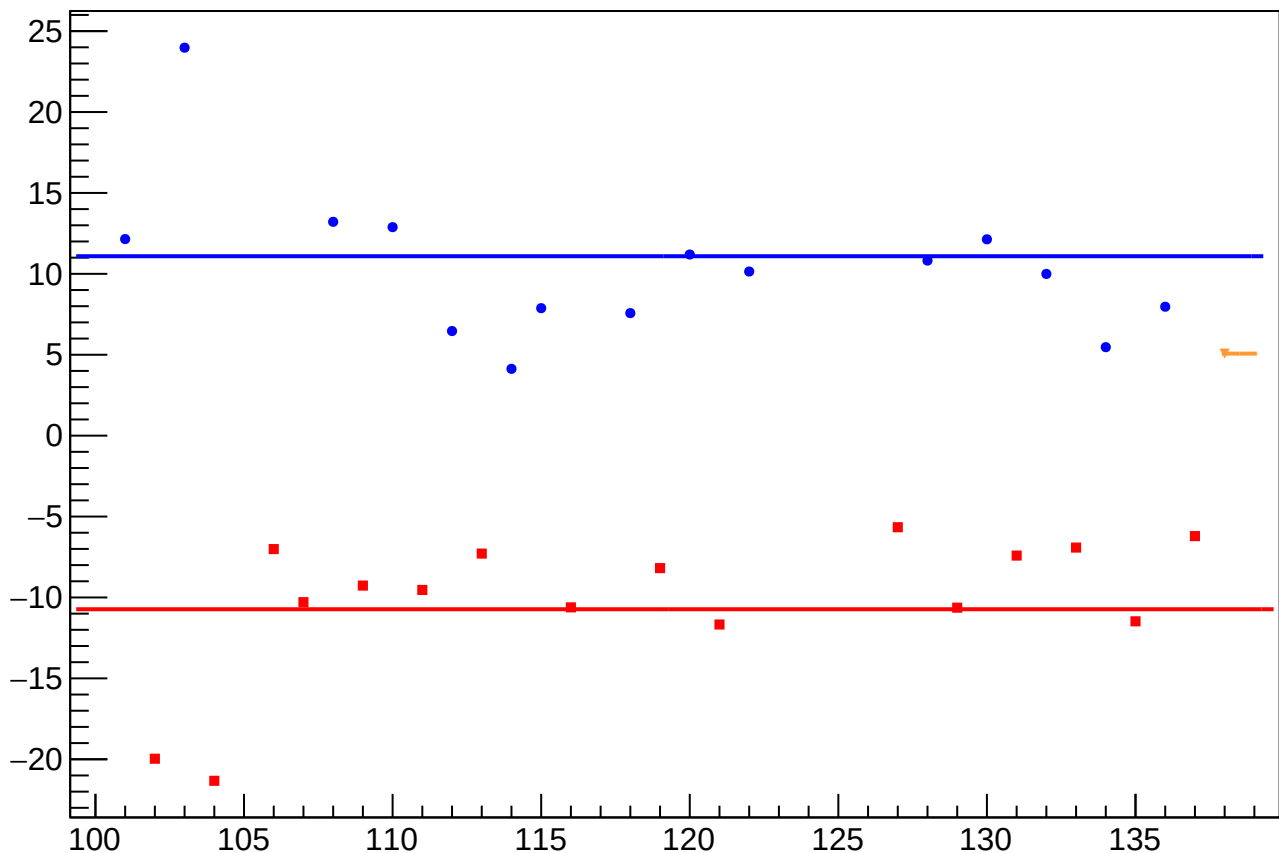
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 809.974 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 1021.684 $\pm$ 0.000 χ^2 /NDF:40493101470870278397836276403592495104.0/14
 Out: -763.179 $\pm$ 0.000 χ^2 /NDF:283393664426041
 All: 67.794 $\pm$ 0.000 χ^2 /NDF: 1428849930305

dit_11X12X_coil7_mean vs Slug, Sign Corrected



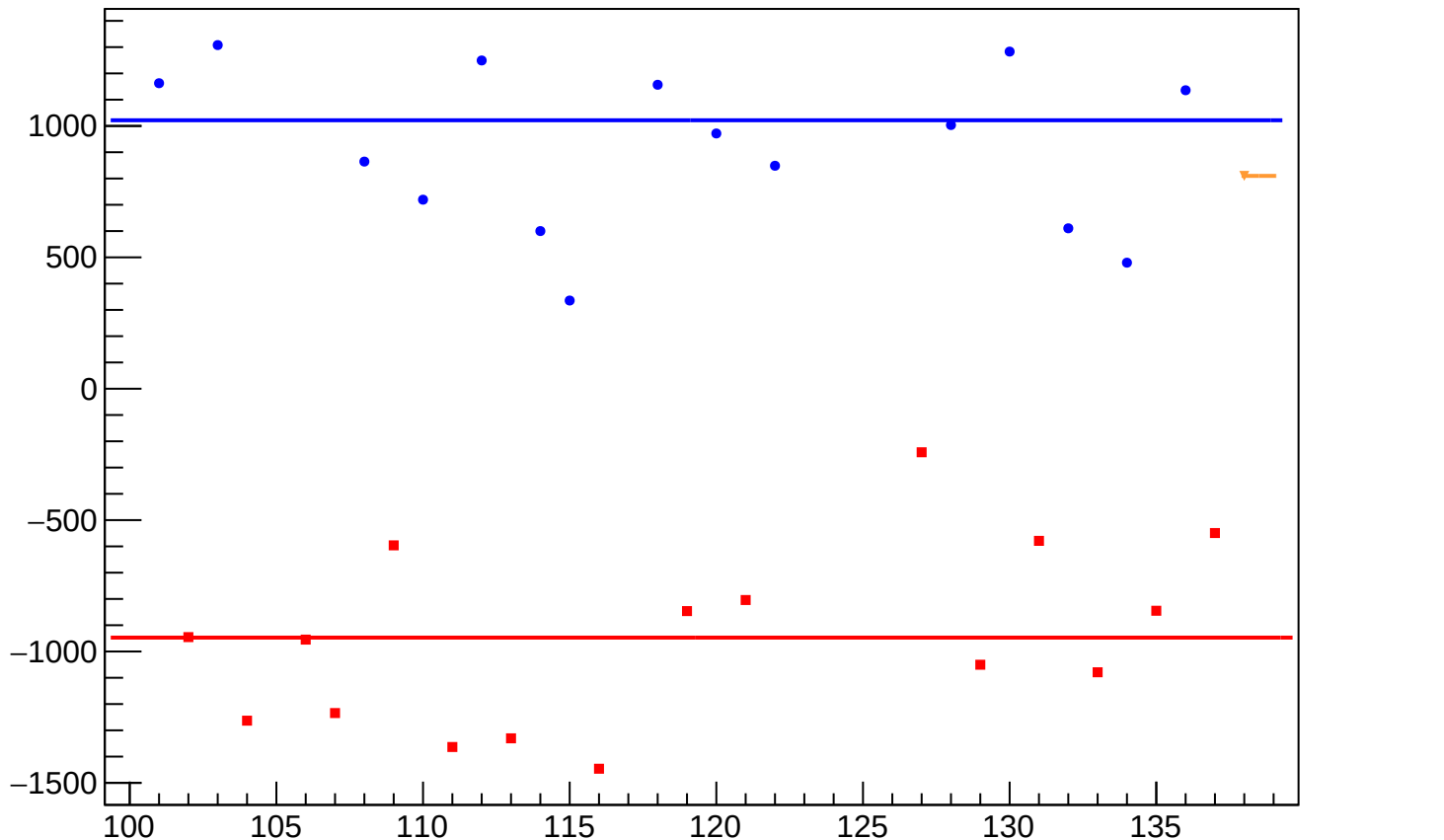
Right In: -397.613 ± 0.000 $\chi^2/\text{NDF}: 2661280785384633207096106229474263040.0/14$
 Left Out: -257.409 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 394.973 ± 0.000 $\chi^2/\text{NDF}: 3685595513427183501596165280874102784.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -10.532 ± 0.000 $\chi^2/\text{NDF}: 218019140158$

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected

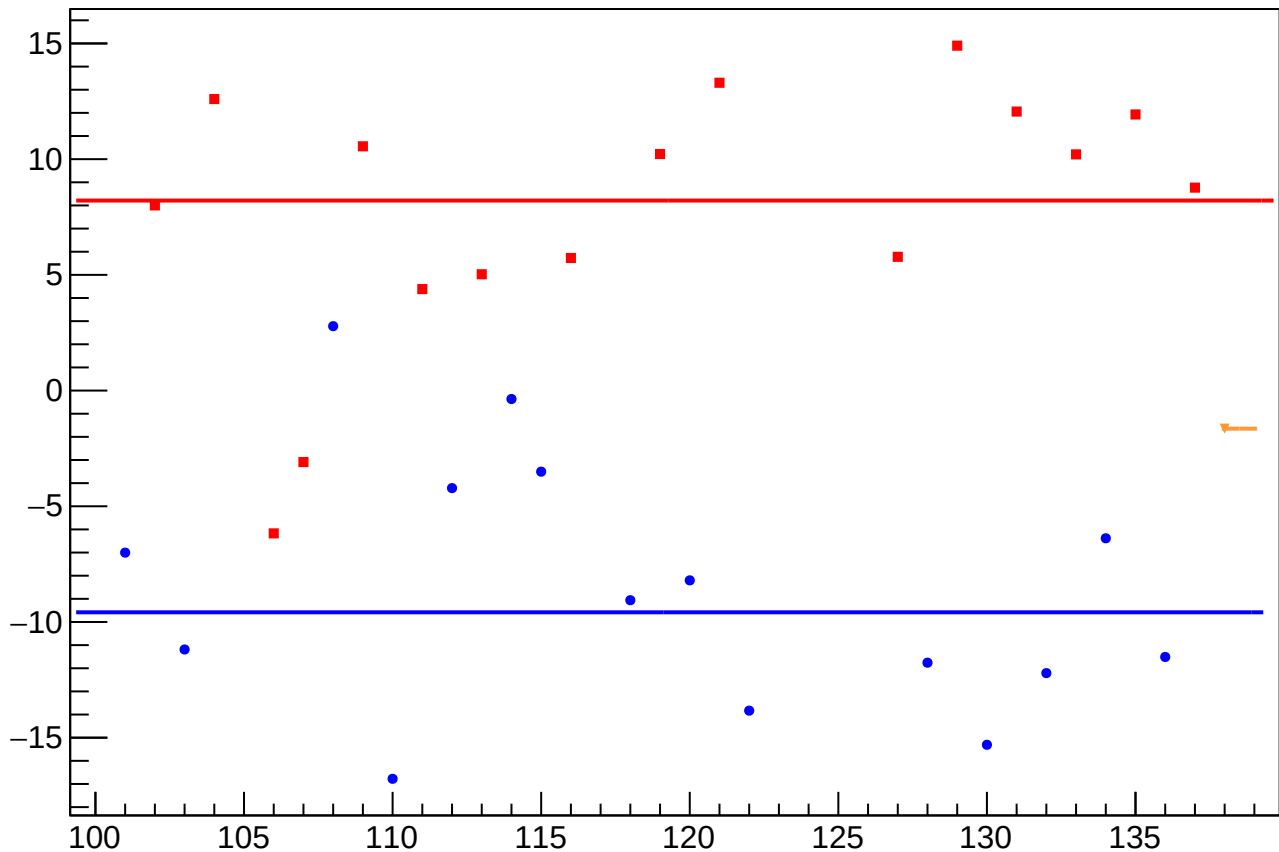


Right In: 11.089 ± 0.000 $\chi^2/\text{NDF}: 14235991122014984478163351266918400.0/14$
 Left Out: 5.070 ± 0.000 $\chi^2/\text{NDF}: 61.5/0$
 Right Out: -10.728 ± 0.000 $\chi^2/\text{NDF}: 14767238290725260908081124437131264.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.313 ± 0.000 $\chi^2/\text{NDF}: 18743435553354$

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected

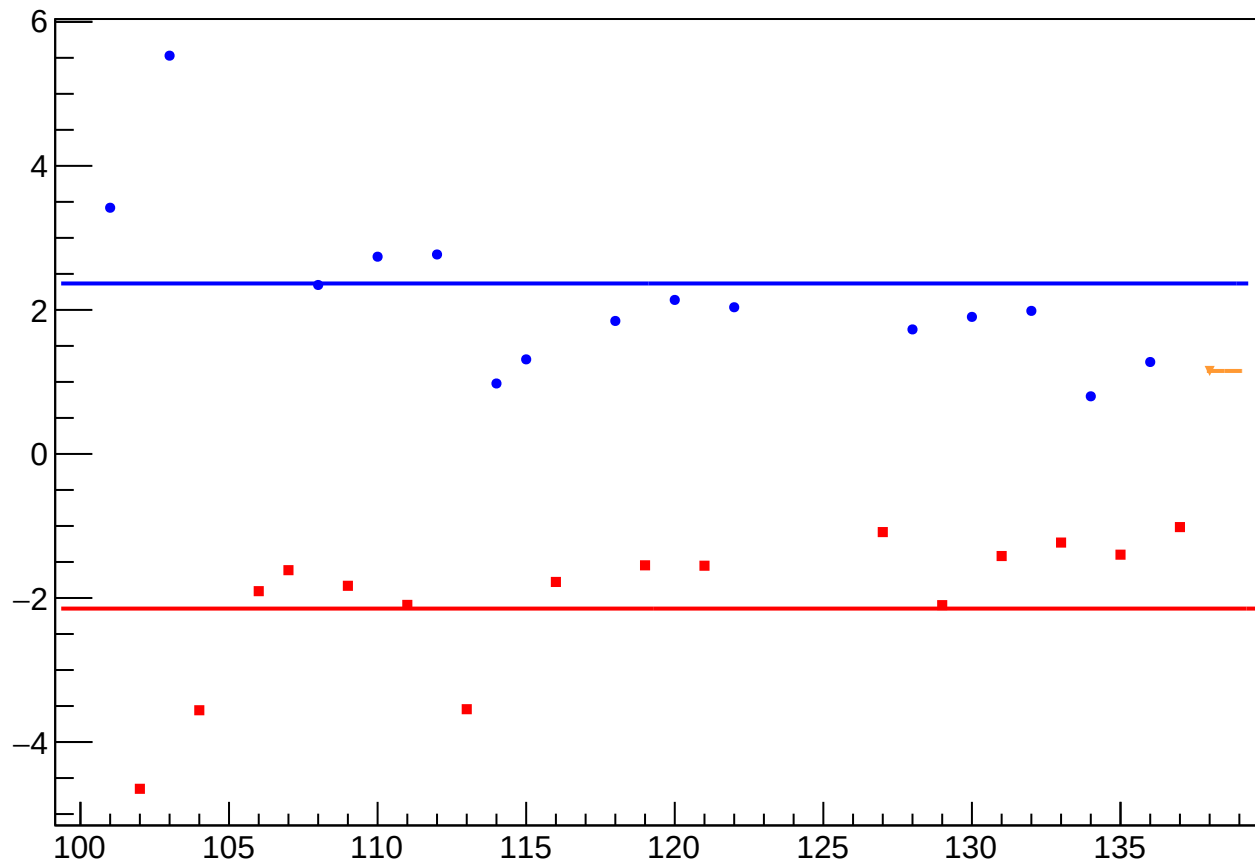


dit_4aY_coil7_mean vs Slug, Sign Corrected



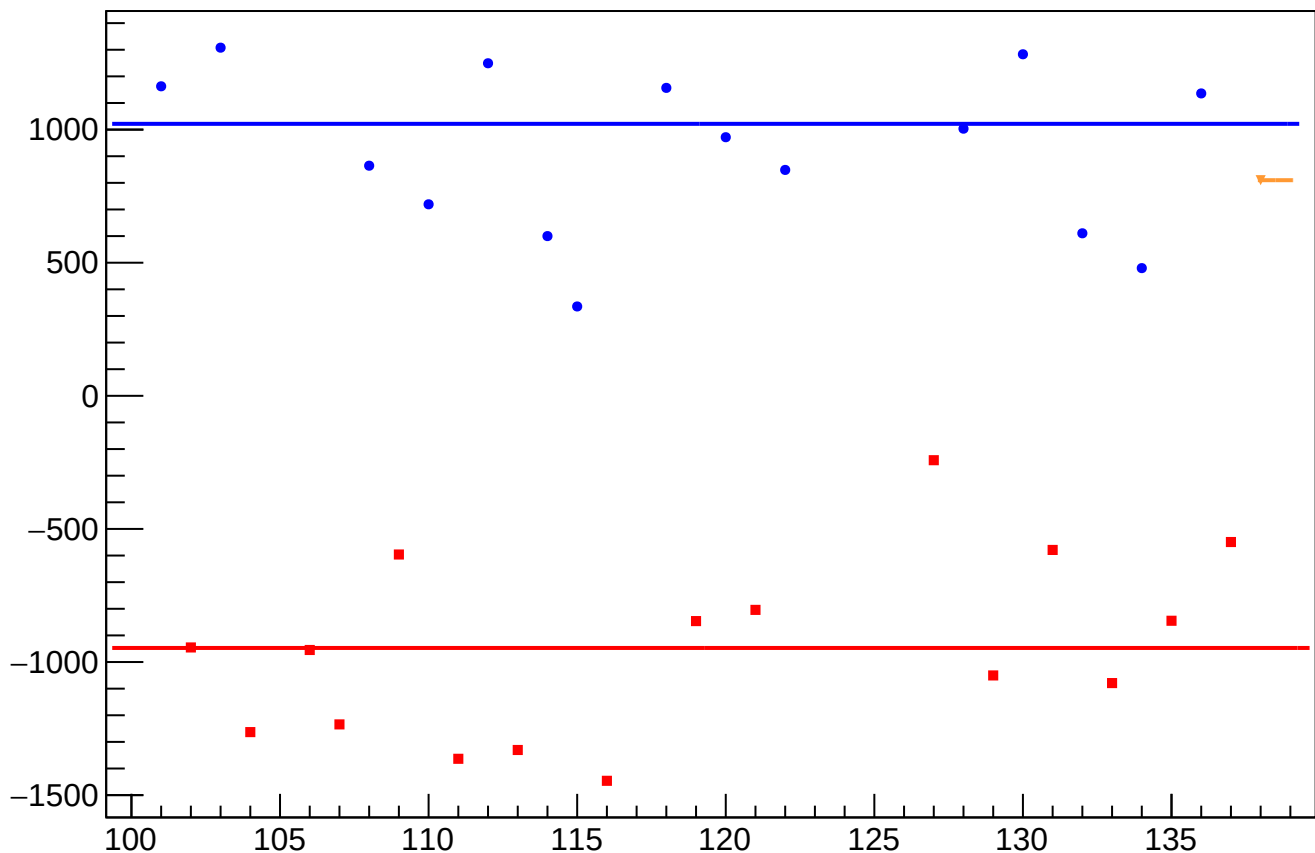
Right In: -9.582 ± 0.000	$\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$	Left: -1.646 ± 0.000	$\chi^2/\text{NDF}: 0.0/0$
Left Out: -1.646 ± 0.000	$\chi^2/\text{NDF}: 0.0/0$	Right: -0.564 ± 0.000	$\chi^2/\text{NDF}: 1371493250181668$
Right Out: 8.211 ± 0.000	$\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$	In: -9.582 ± 0.000	$\chi^2/\text{NDF}: 147026799839400028$
Left In: 0.000 ± 0.000	$\chi^2/\text{NDF}: 0.0/0$	Out: 7.179 ± 0.000	$\chi^2/\text{NDF}: 250893242959653808$
		All: -0.624 ± 0.000	$\chi^2/\text{NDF}: 1372355410097$

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



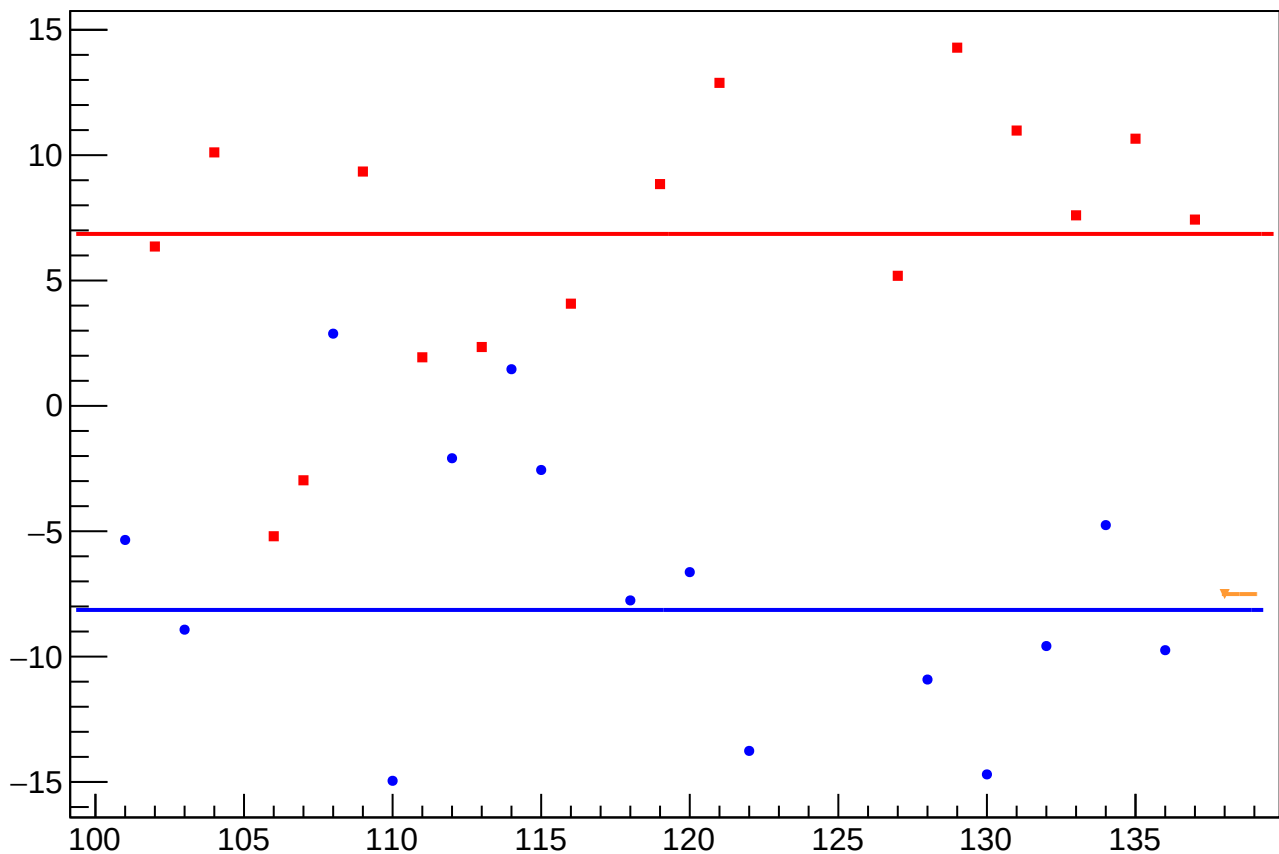
Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14
 Left Out: 1.152 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 2.367 $\pm$ 0.000 χ^2 /NDF:920633294546152876922066767446016.0/14
 Out: -1.802 $\pm$ 0.000 χ^2 /NDF:15244304362025299
 All: 0.139 $\pm$ 0.000 χ^2 /NDF: 84725623519221

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



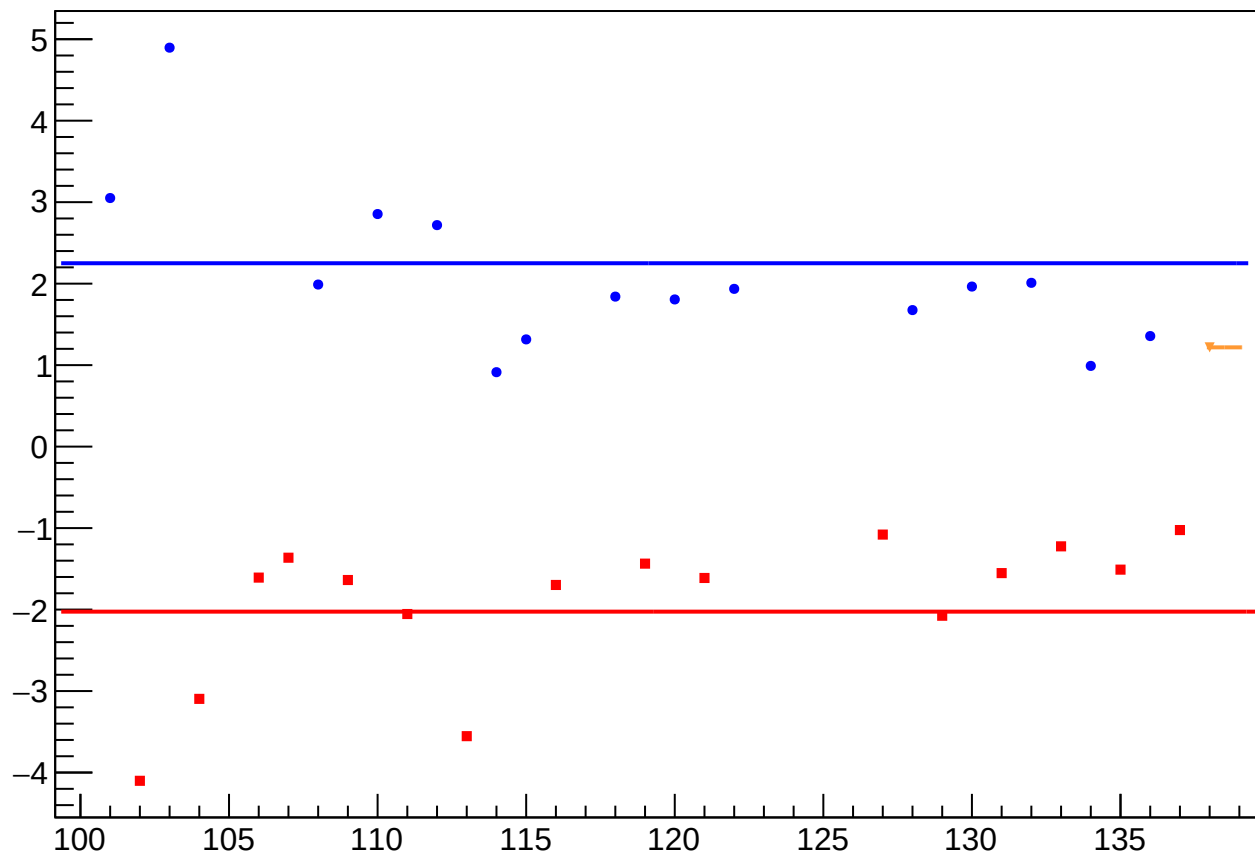
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_4eY_coil7_mean vs Slug, Sign Corrected



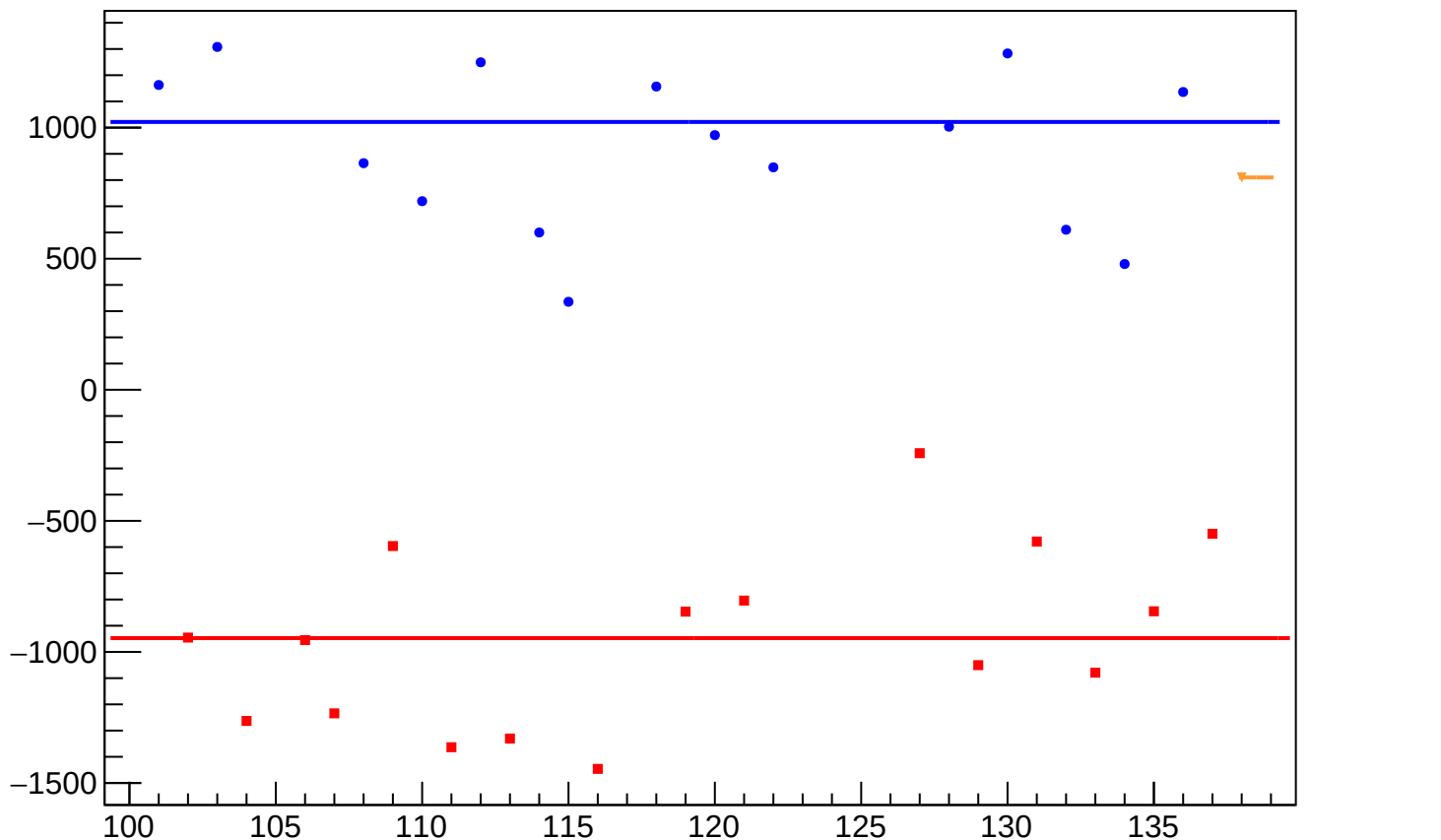
Right In: -8.139+/-0.000	χ^2/NDF : 14676442649222120372533779893321728.0/14	Left: -7.506+/-0.000	χ^2/NDF : 0.0/0
Left Out: -7.506+/-0.000	χ^2/NDF : 0.0/0	Right: -0.537+/-0.000	χ^2/NDF : 1051474549999360
Right Out: 6.859+/-0.000	χ^2/NDF : 16483631561591790731352632153079808.0/15	In: -8.139+/-0.000	χ^2/NDF : 146764426492221203
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 5.355+/-0.000	χ^2/NDF : 308936010052026945
		All: -0.927+/-0.000	χ^2/NDF : 1087232671292

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



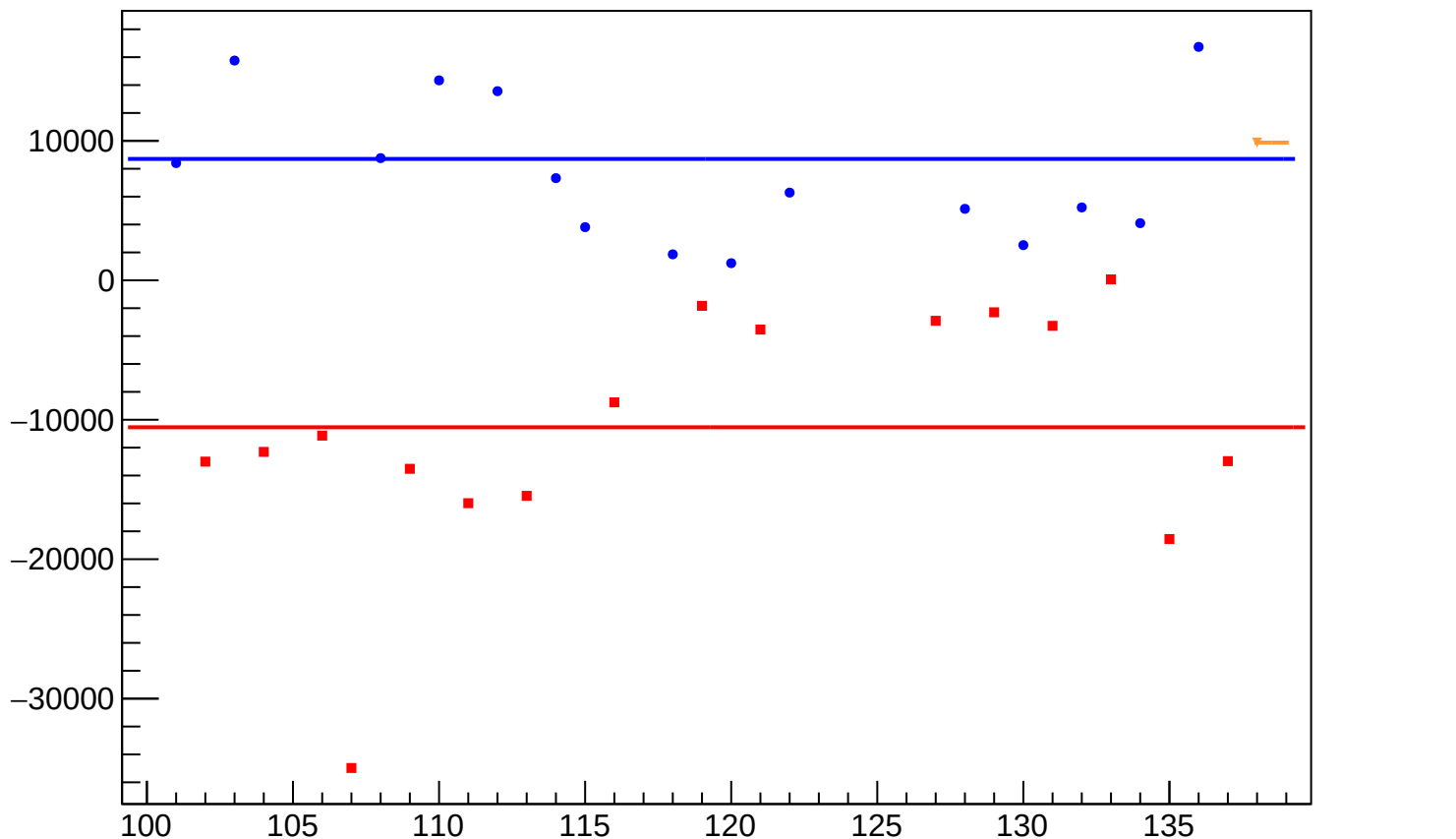
Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.218+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Out: -1.686+/-0.000 χ^2/NDF : 13133672437561592.0/14
 All: 0.147+/-0.000 χ^2/NDF : 73440846515072.0/14

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



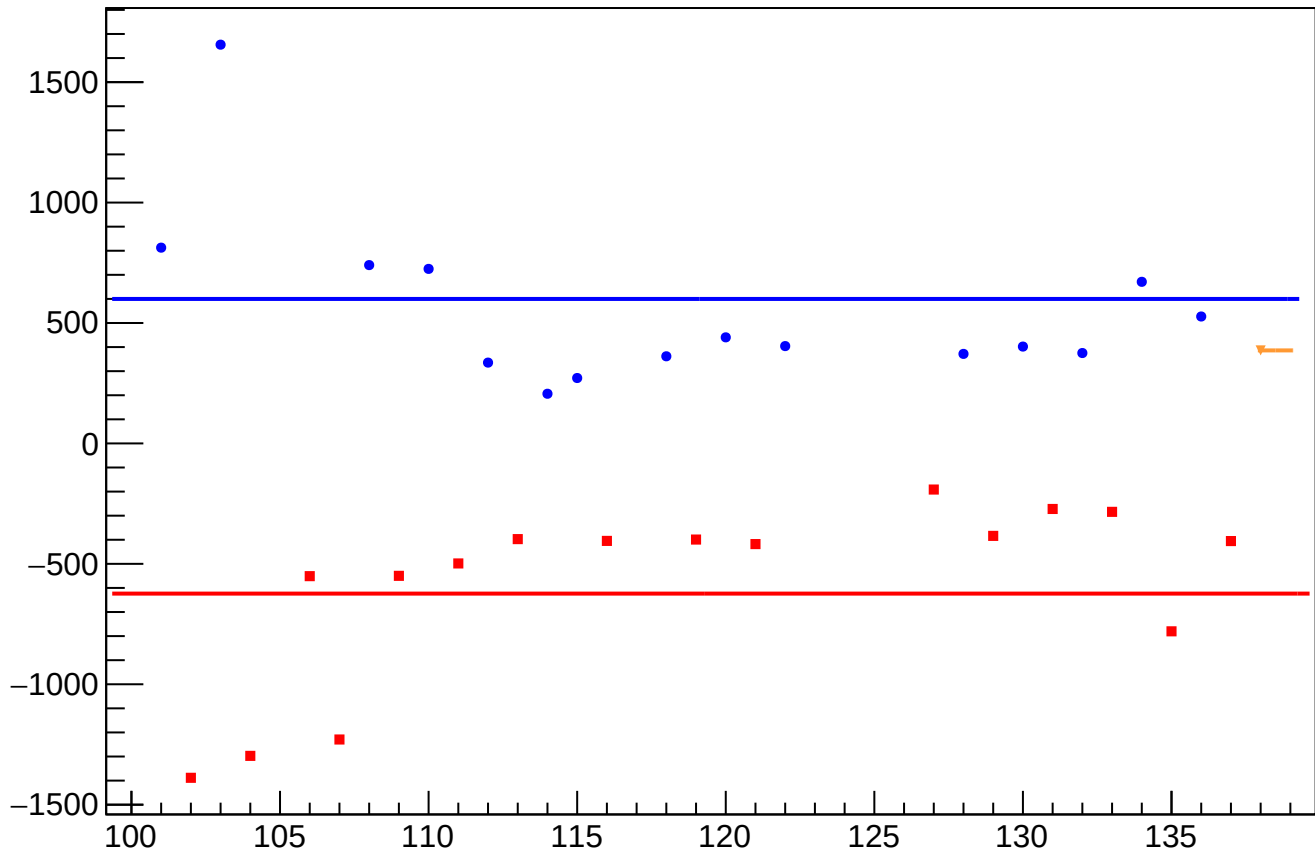
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 9877.968+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -438.154+/-0.000 χ^2/NDF : 19632007225

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 599.849+/-0.000

χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 386.179+/-0.000

χ^2/NDF : 0.0/0

Right Out: -623.569+/-0.000

χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: 0.000+/-0.000

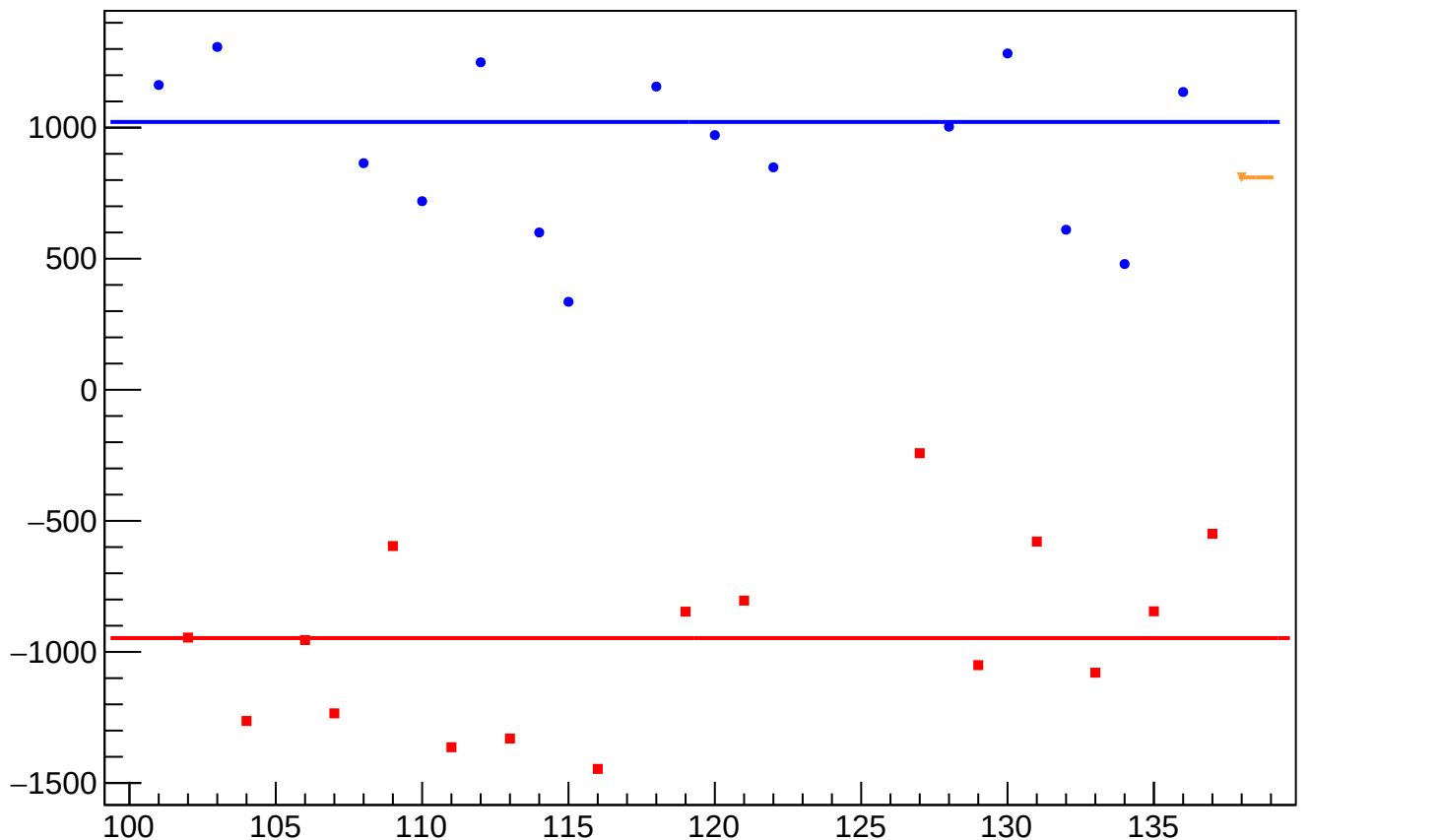
χ^2/NDF : 0.0/0

In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Out: -517.850+/-0.000 χ^2/NDF : 172650482762380

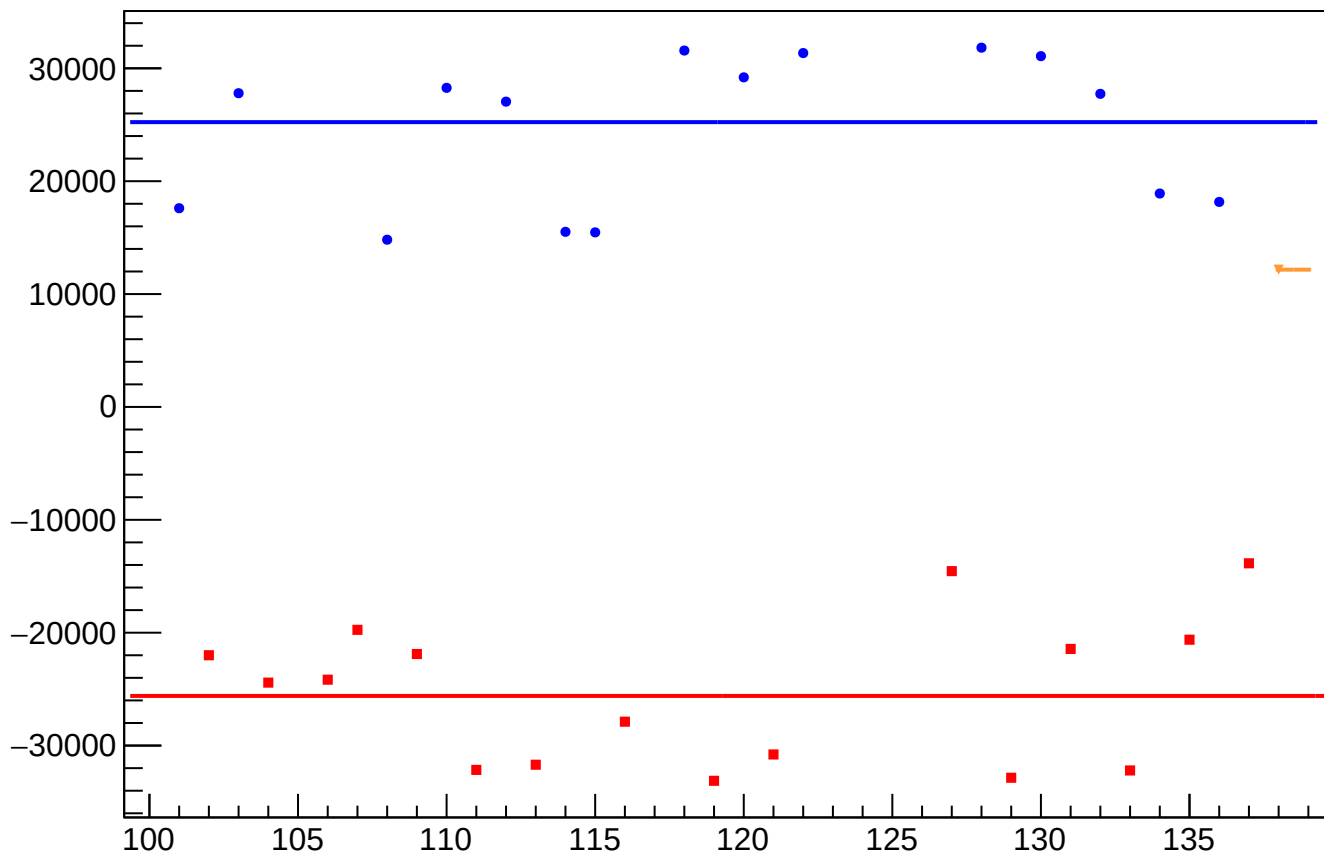
All: 2.513+/-0.000 χ^2/NDF : 69520915872242

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



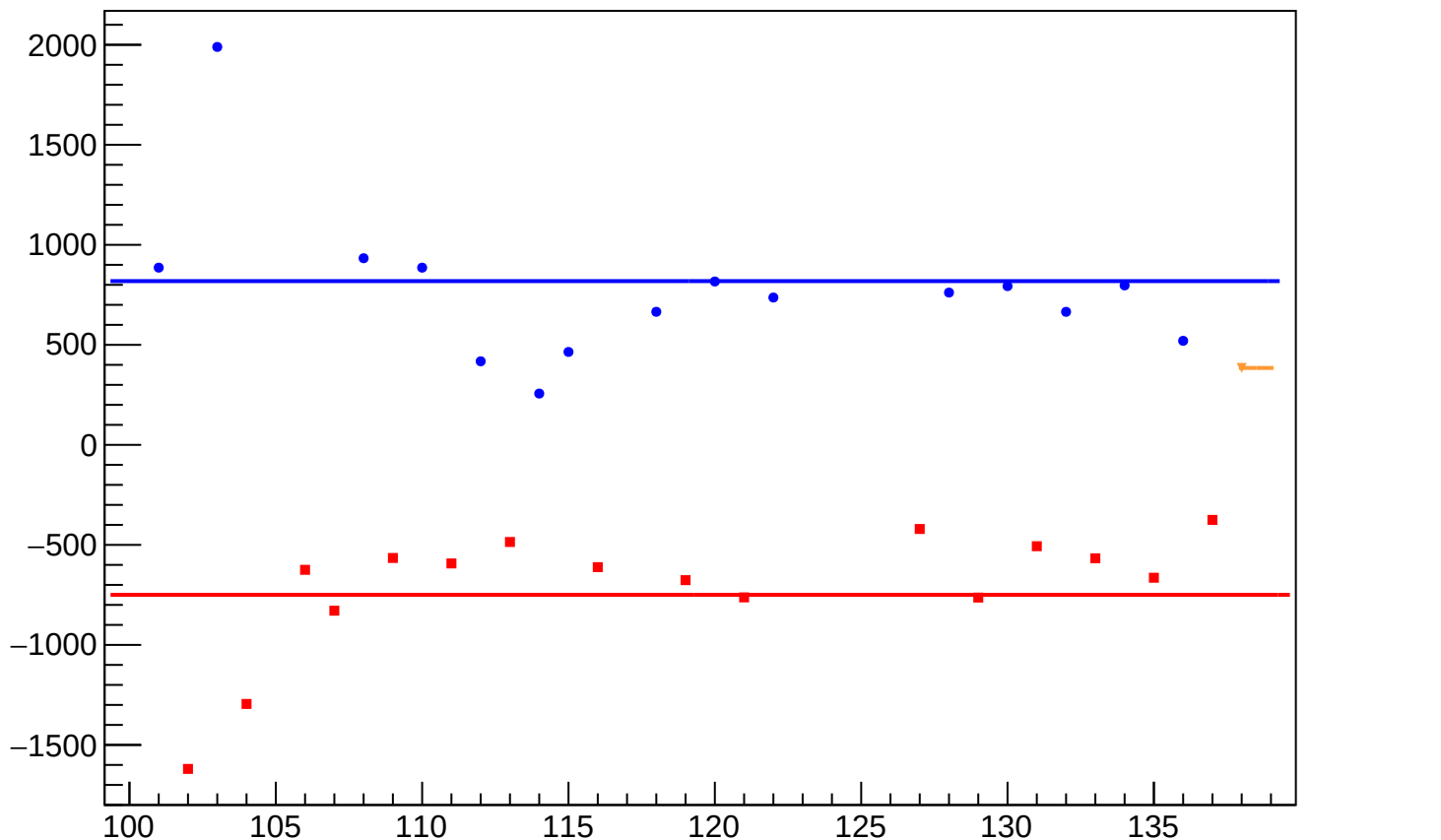
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_usr_coil7_mean vs Slug, Sign Corrected



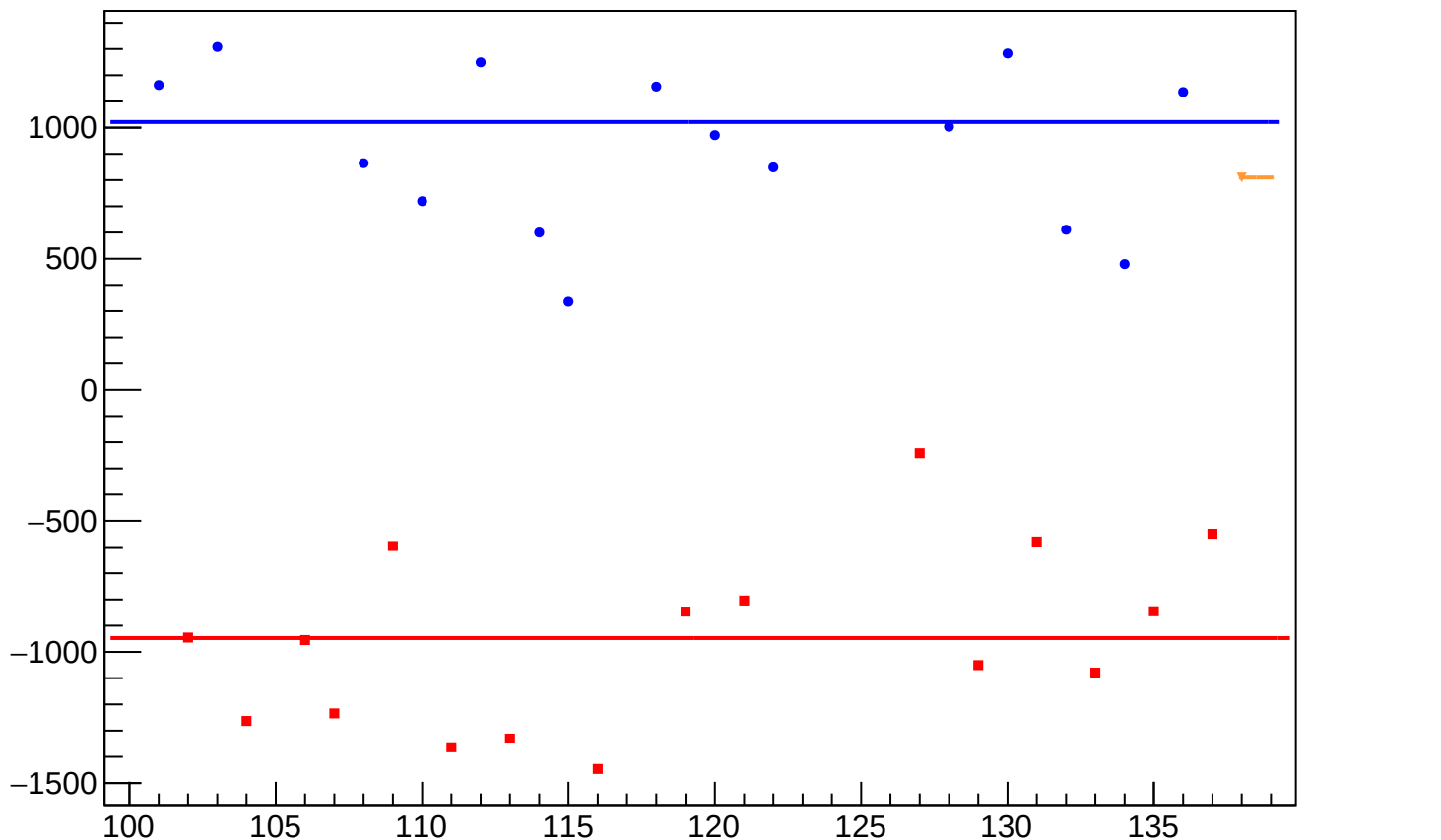
Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left: 12162.158+/-0.000 χ^2/NDF : 0.0/0
 Right: -532.226+/-0.000 χ^2/NDF : 89888992461613
 Left Out: 12162.158+/-0.000 χ^2/NDF : 0.0/0
 In: 25232.229+/-0.000 χ^2/NDF : 245345819747720
 Right Out: -25601.388+/-0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Out: -21647.621+/-0.000 χ^2/NDF : 1239483742299
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 178.077+/-0.000 χ^2/NDF : 910756105440

dit_usr_coil7_err_mean vs Slug, Sign Corrected



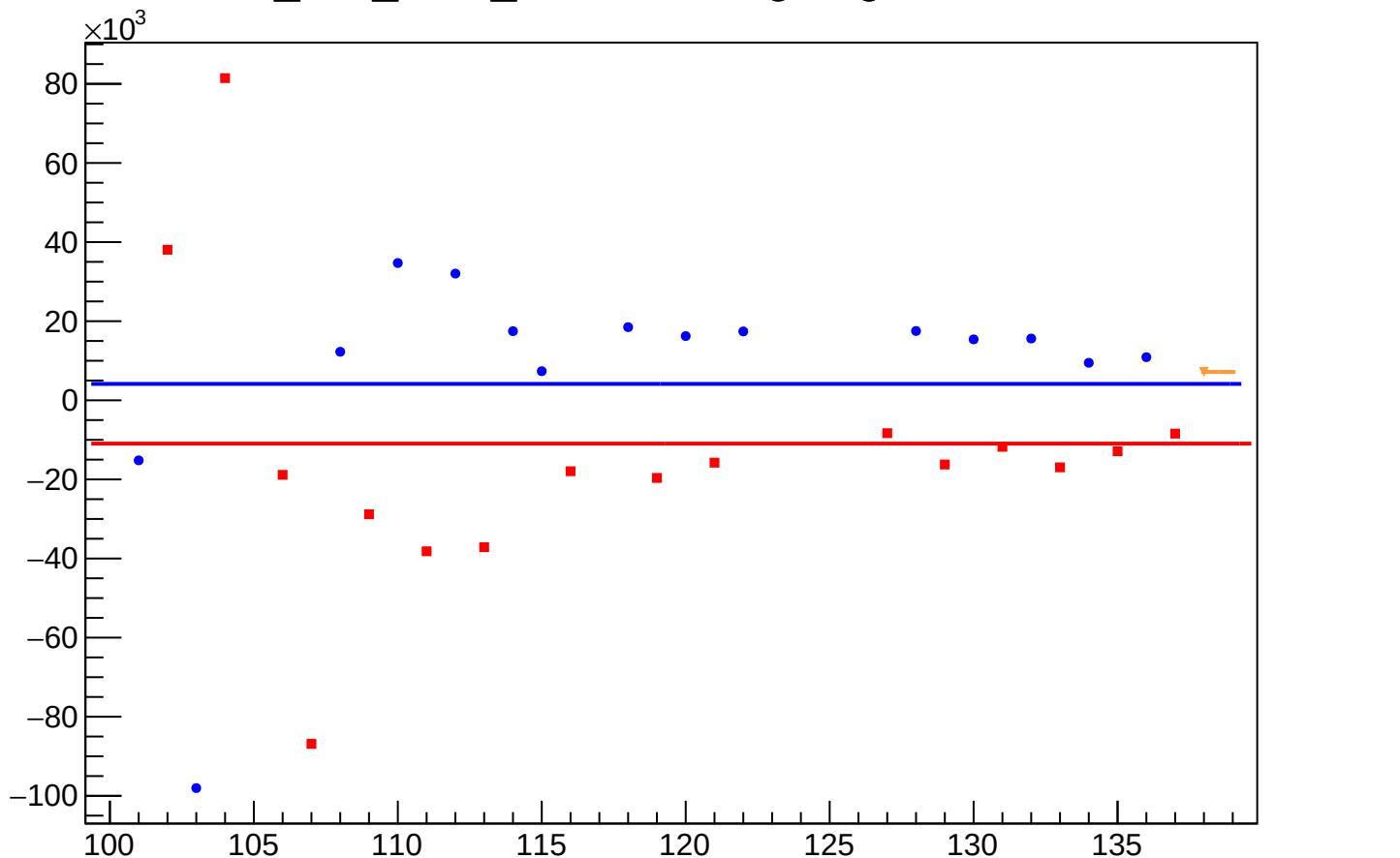
Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14
 Left: 384.602 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 23.778 $\pm$ 0.000 χ^2 /NDF: 9926549473307925
 Left Out: 384.602 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 818.668 $\pm$ 0.000 χ^2 /NDF: 10560652709691197
 Right Out: -749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15
 Out: -630.906 $\pm$ 0.000 χ^2 /NDF: 167817286501349
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 43.967 $\pm$ 0.000 χ^2 /NDF: 1002241872542

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



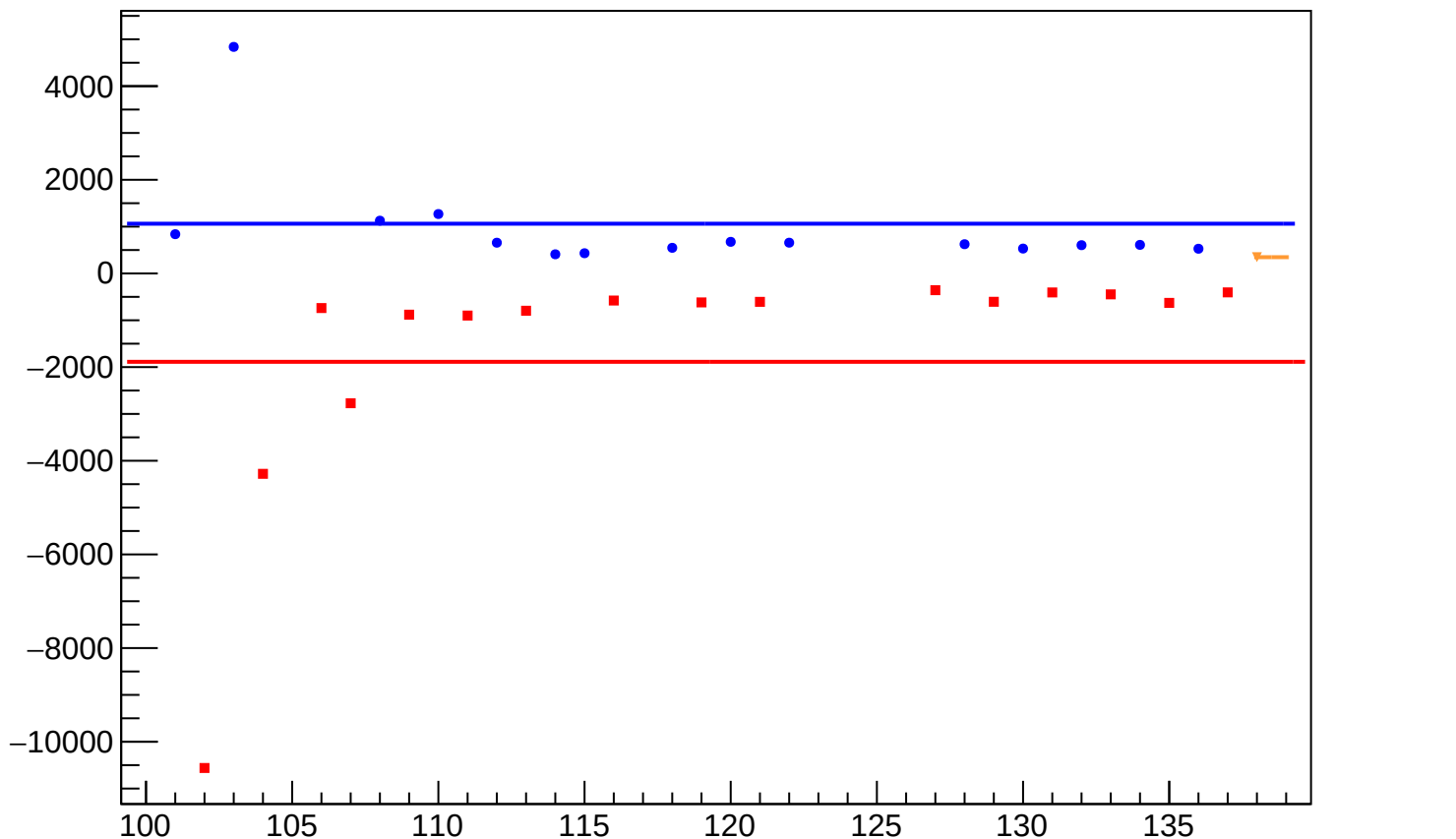
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_atl1_coil7_mean vs Slug, Sign Corrected



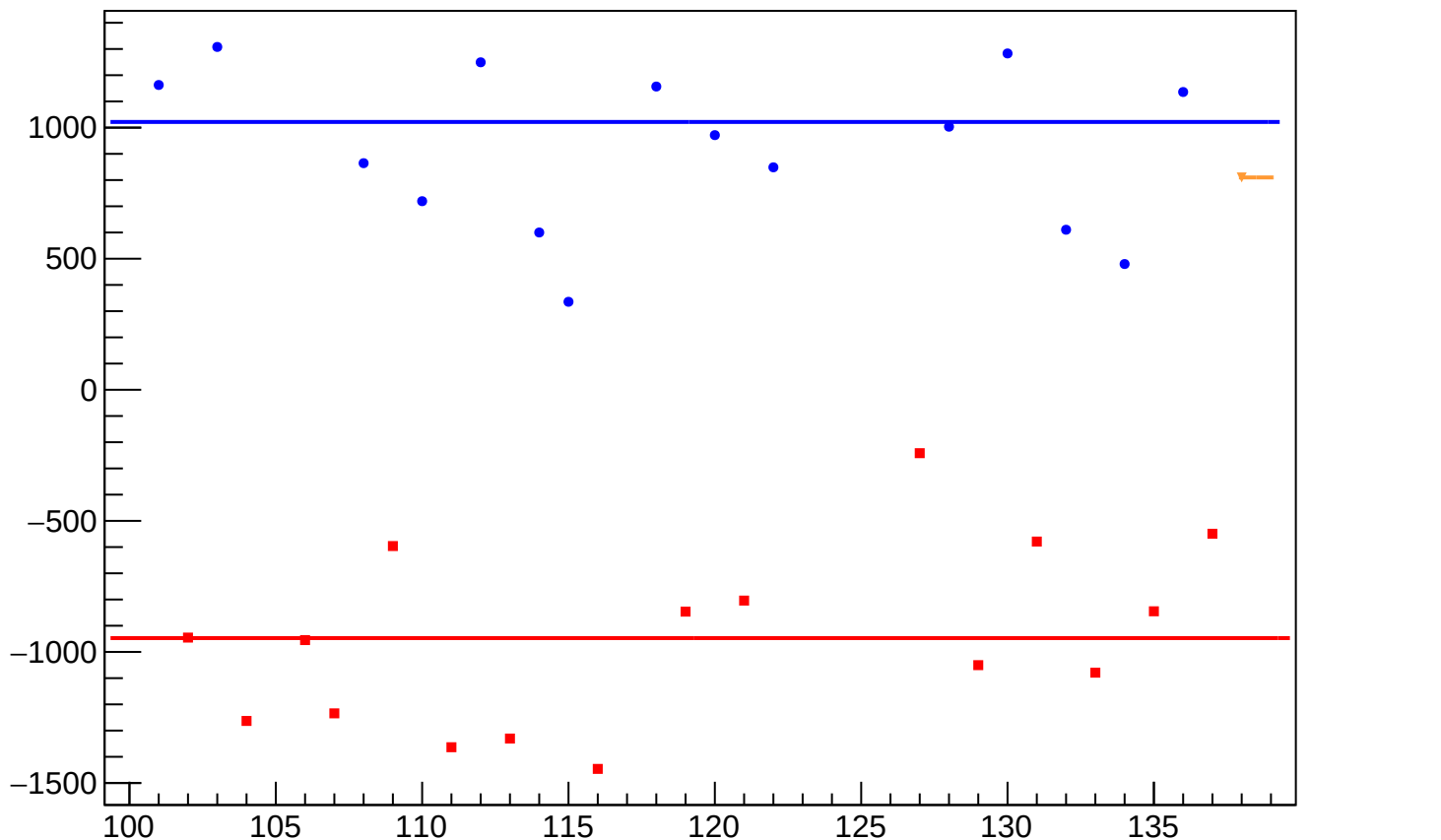
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 7181.136 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Out: -9049.982 ± 0.000 χ^2/NDF : 89690173999035
 All: -2906.713 ± 0.000 χ^2/NDF : 1720986902

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



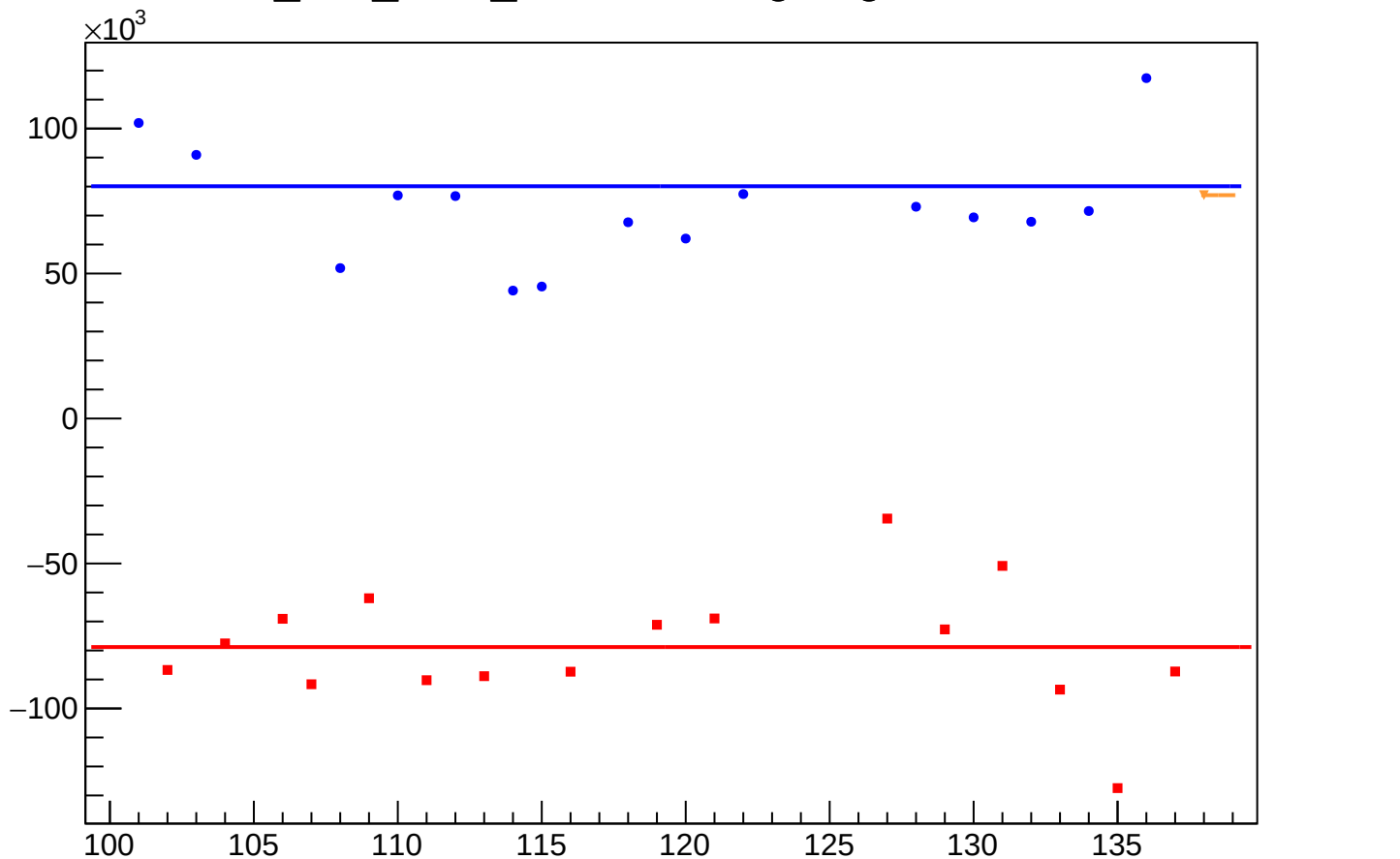
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 347.174+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -389.004+/-0.000 χ^2/NDF : 93845258334

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



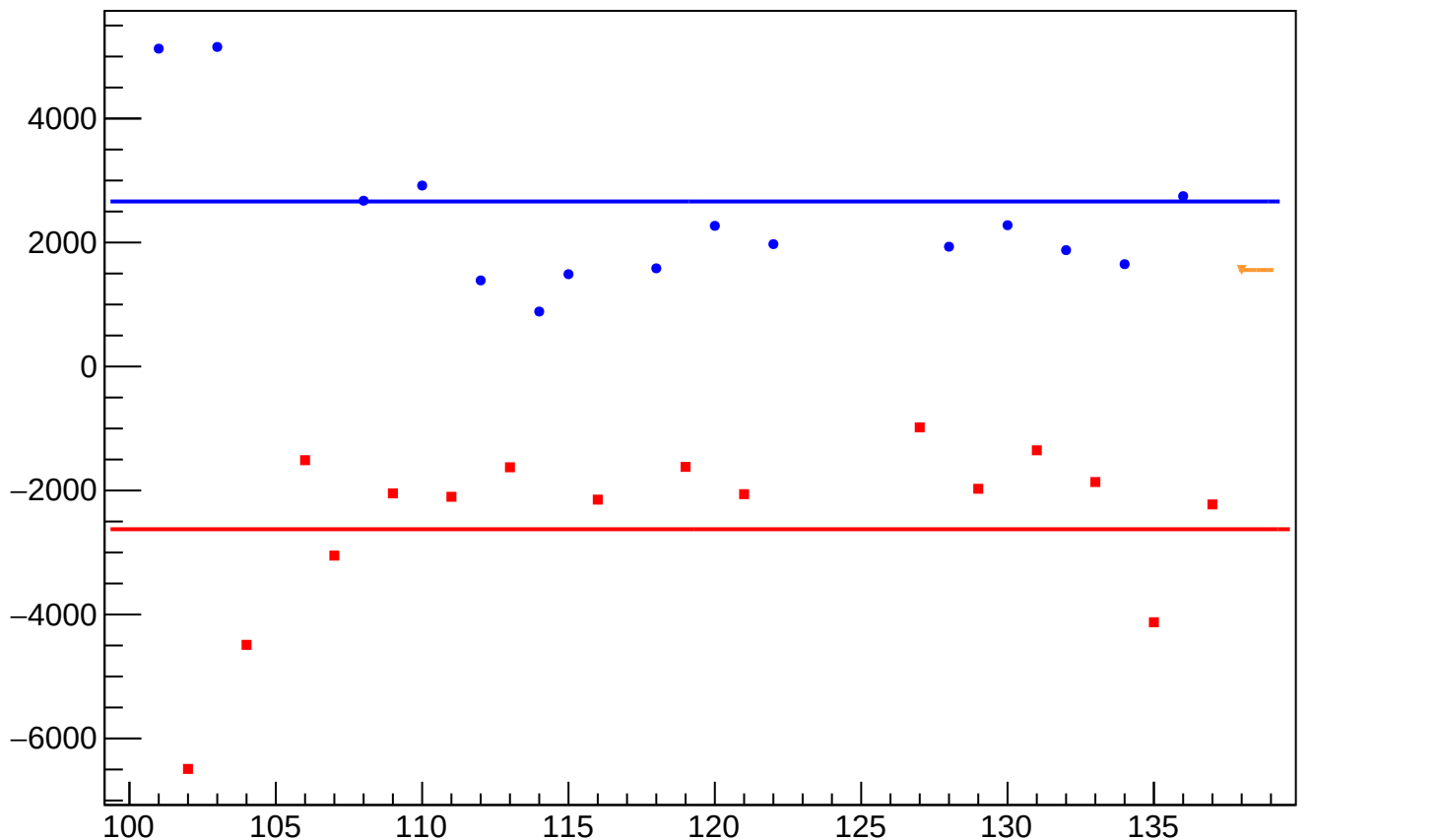
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_atl2_coil7_mean vs Slug, Sign Corrected



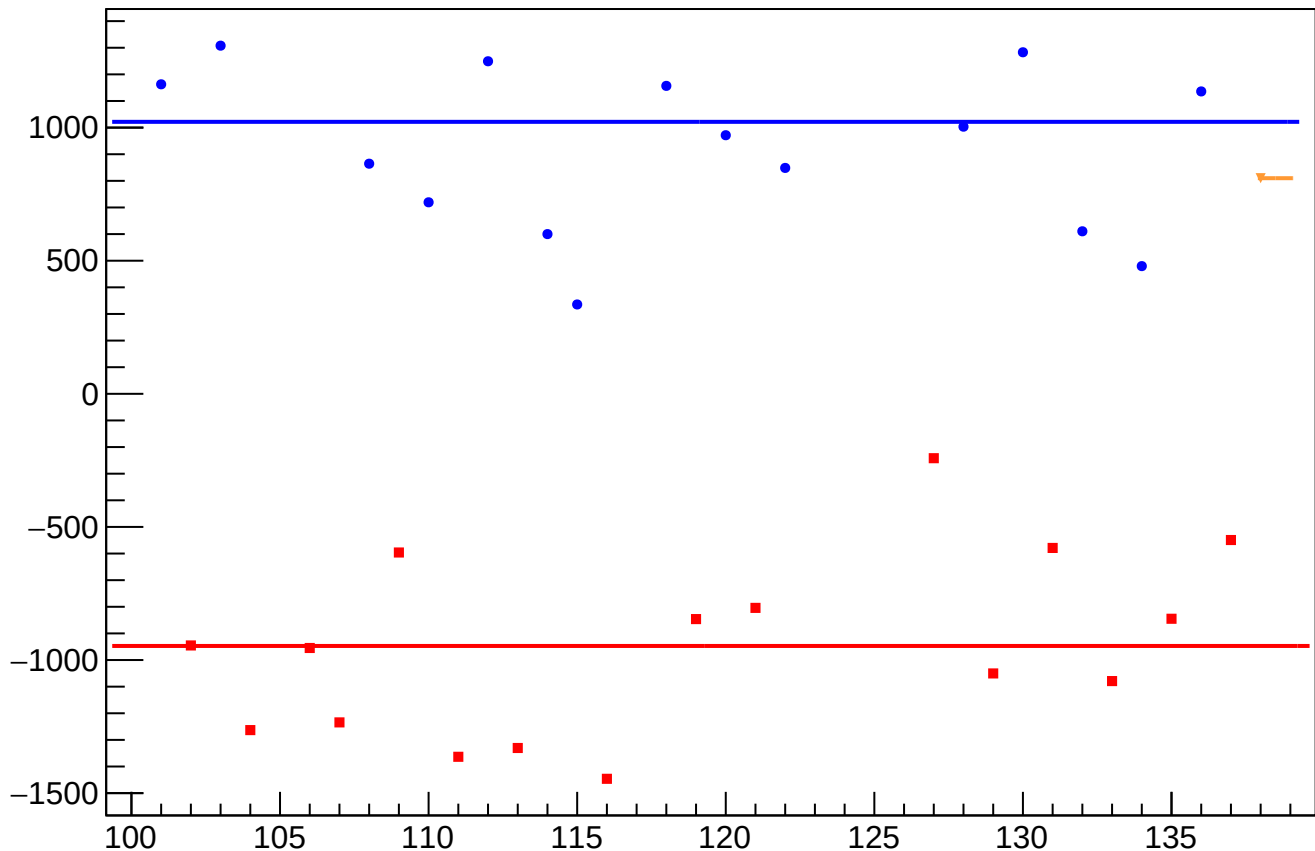
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 77030.667 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 3891.504 $\pm$ 0.000 χ^2 /NDF: 9289930464

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



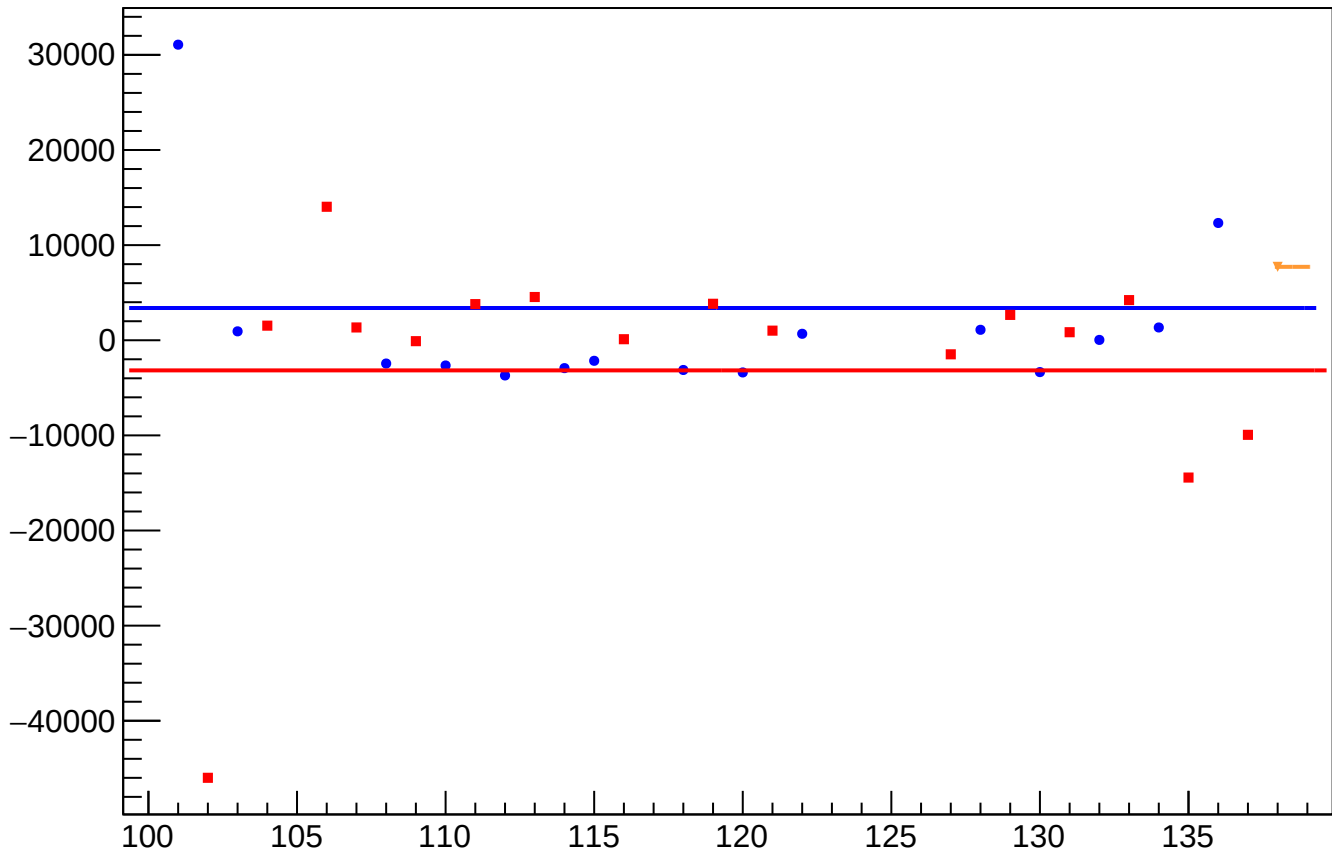
Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left: 1556.896+/-0.000 χ^2/NDF : 4032505.5/0
 Right: -17.413+/-0.000 χ^2/NDF : 117922842657675
 Left Out: 1556.896+/-0.000 χ^2/NDF : 4032505.5/0
 In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Right Out: -2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Out: -2186.892+/-0.000 χ^2/NDF : 27877949214780
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 70.676+/-0.000 χ^2/NDF : 1197478632442

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



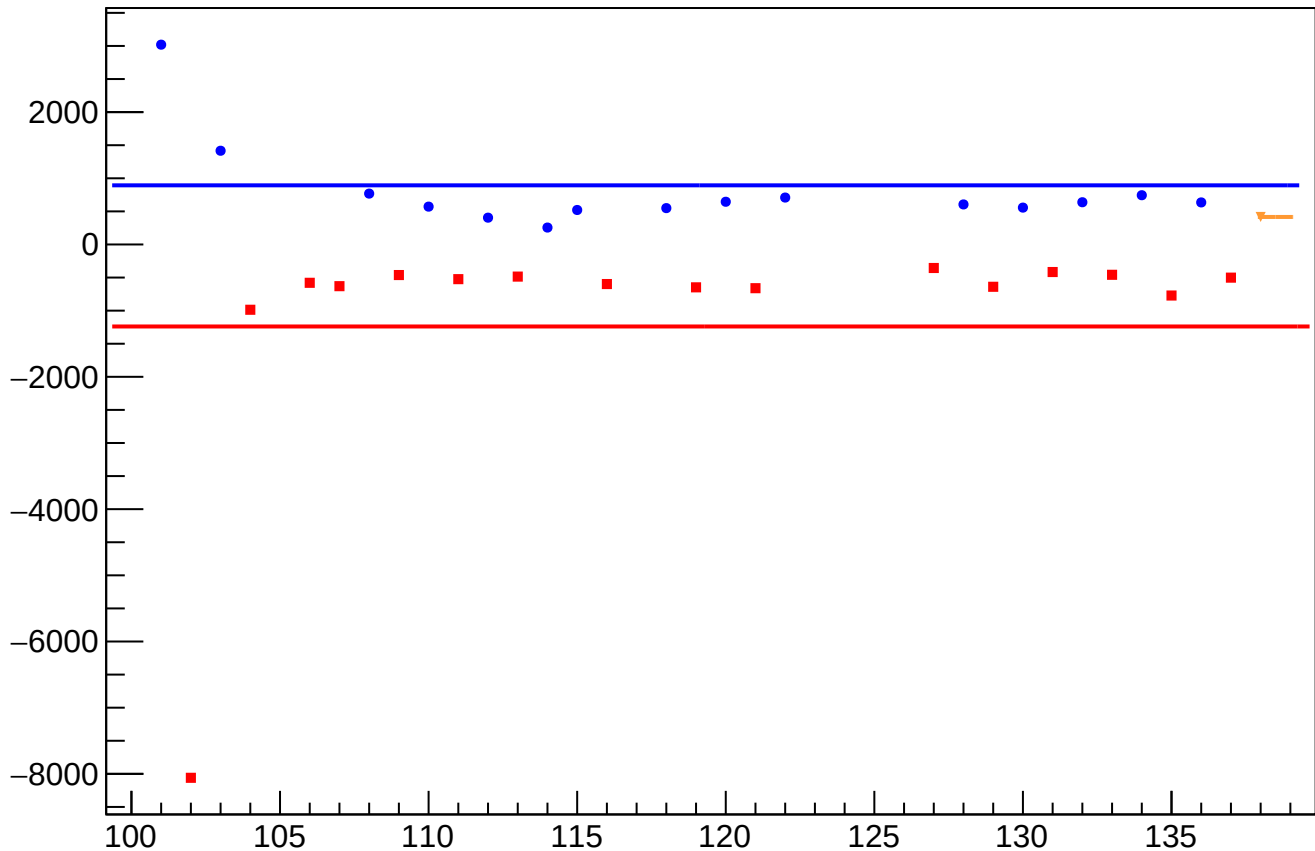
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_atr1_coil7_mean vs Slug, Sign Corrected



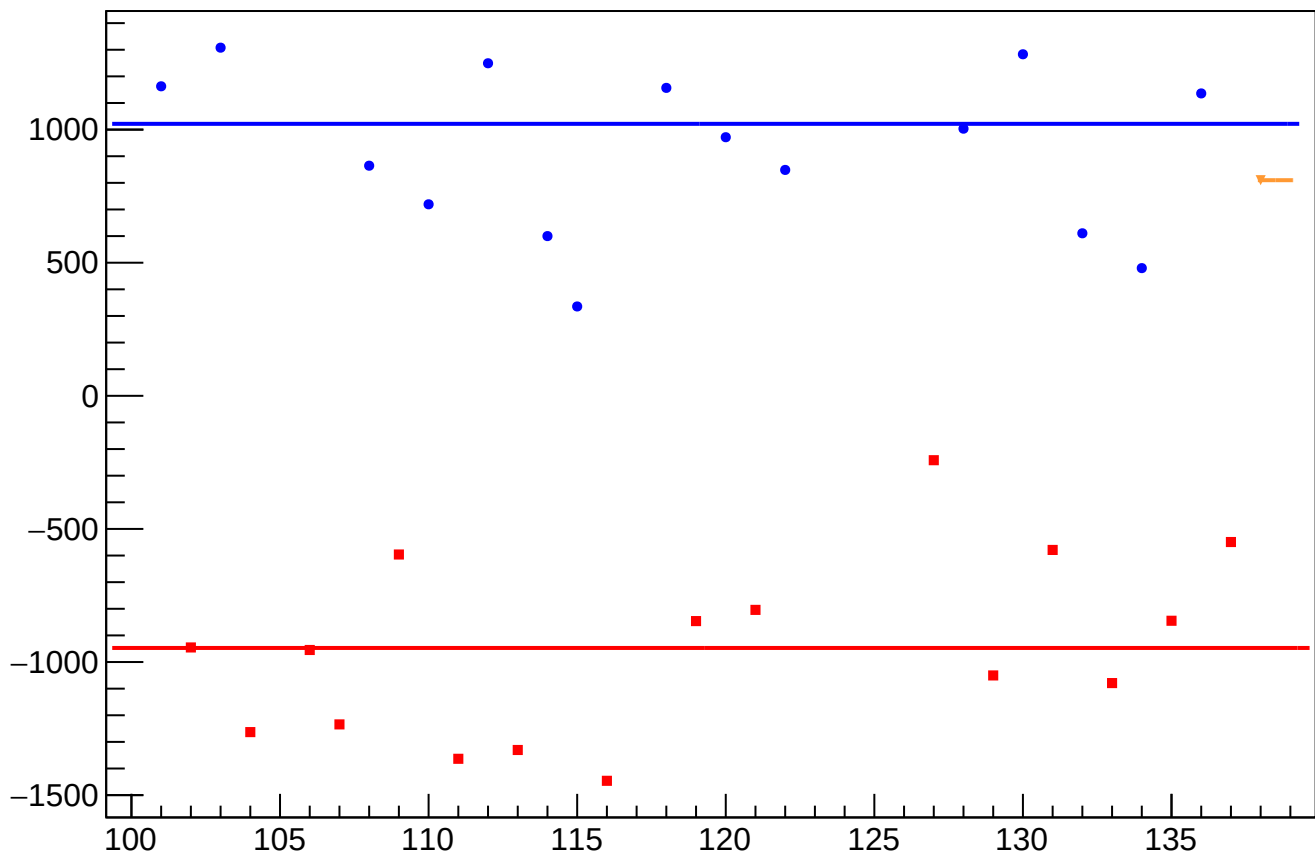
Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 7717.679+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Out: -2027.750+/-0.000 χ^2/NDF : 14602810539220
 All: 494.830+/-0.000 χ^2/NDF : 222082765885

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



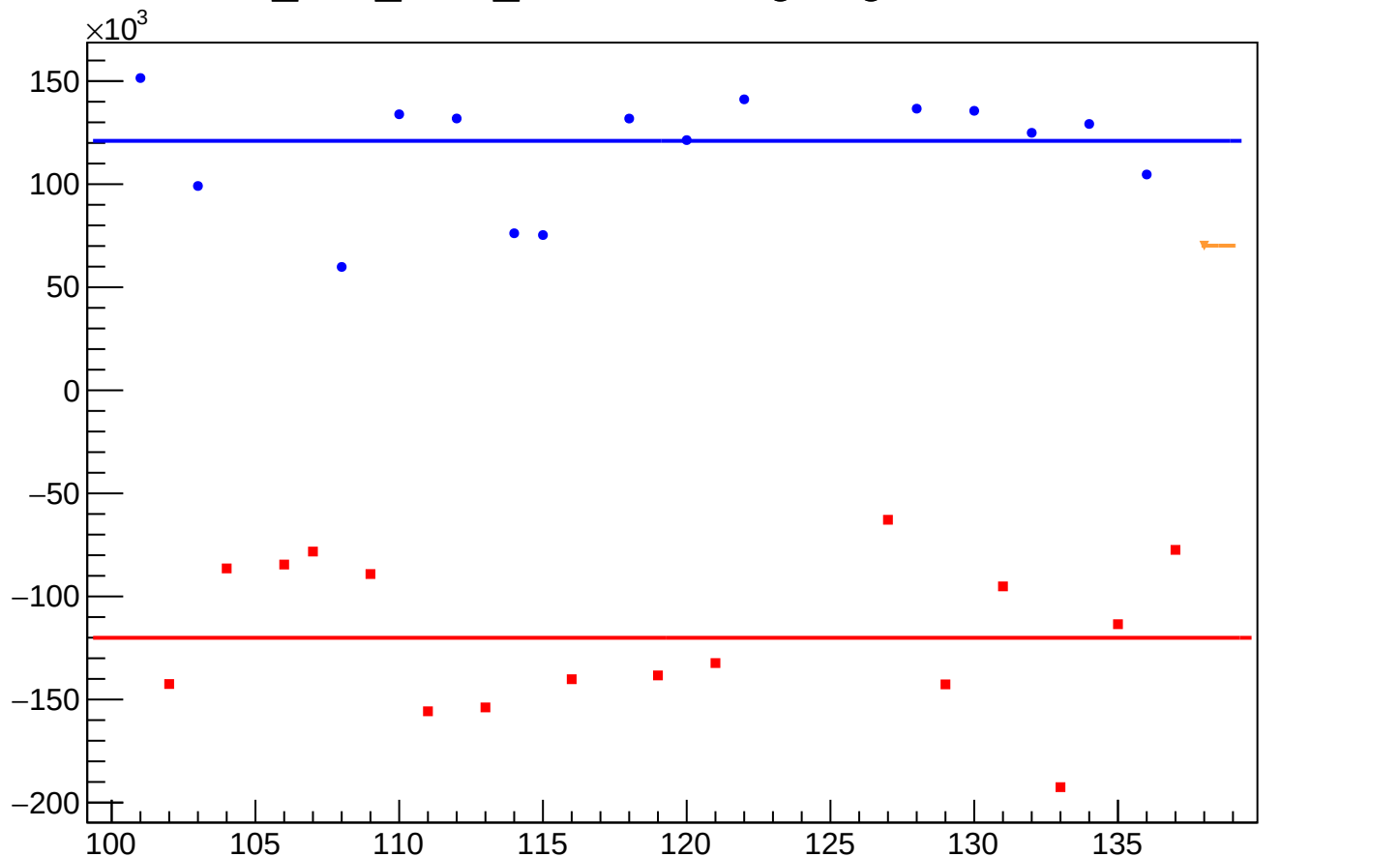
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14
 Left Out: 415.698+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -153.649+/-0.000 χ^2/NDF : 48288985100

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



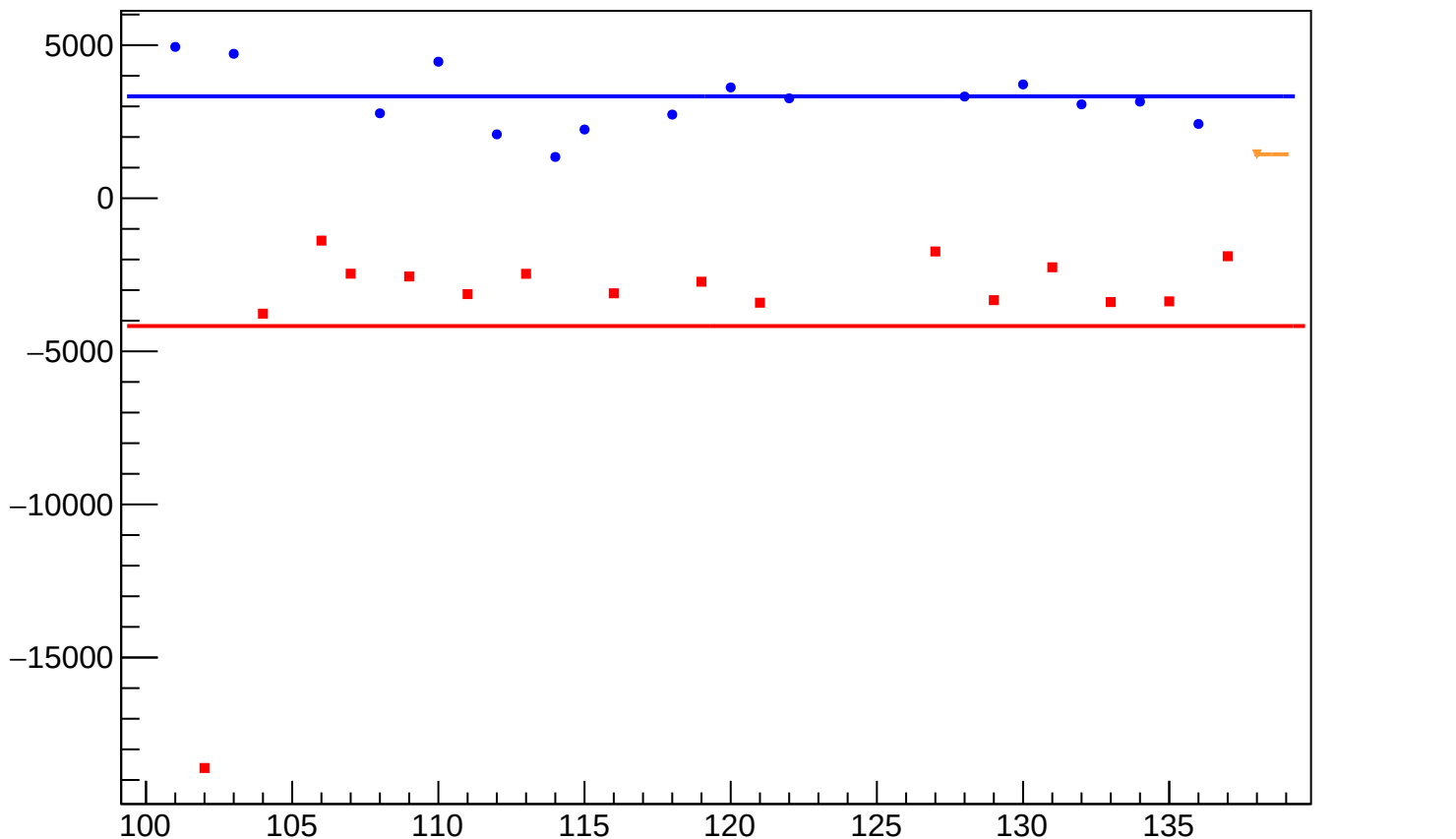
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 809.974 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 1021.684 $\pm$ 0.000 χ^2 /NDF:40493101470870278397836276403592495104.0/14
 Out: -763.179 $\pm$ 0.000 χ^2 /NDF:283393664426041
 All: 67.794 $\pm$ 0.000 χ^2 /NDF: 1428849930305

dit_atr2_coil7_mean vs Slug, Sign Corrected



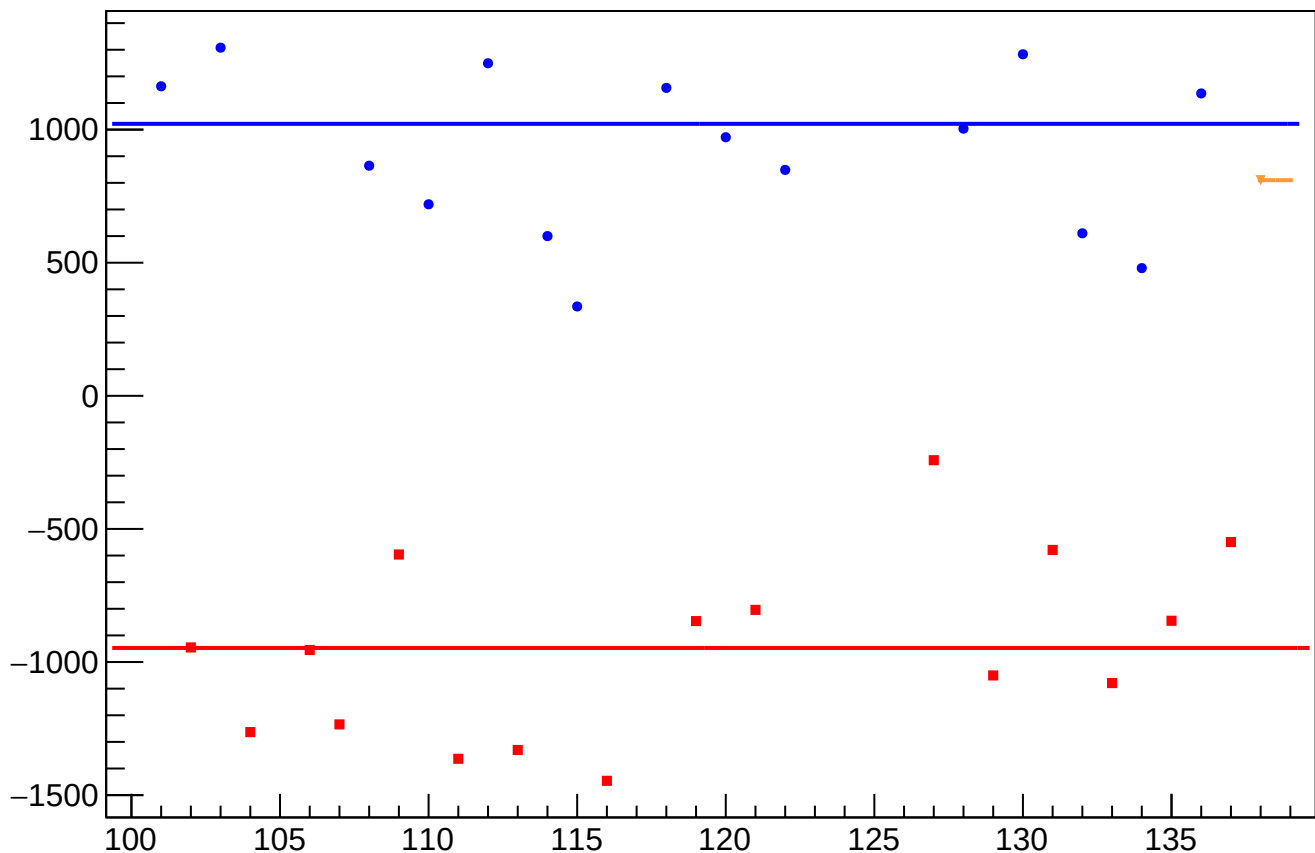
Right In: 121016.482+/-0.000 χ^2/NDF : 358713856404303554987784975983609668173824.0/14
 Left Out: 70182.571+/-0.000 χ^2/NDF : 16517142471.5/0
 Right Out: -120060.693+/-0.000 χ^2/NDF : 828419782346707601448620310014135952736256.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 121016.482+/-0.000 χ^2/NDF : 358713856404303554987784975983609668173824.0/14
 Out: -100142.607+/-0.000 χ^2/NDF : 335587077597.0/0
 All: 2821.704+/-0.000 χ^2/NDF : 20679346889.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



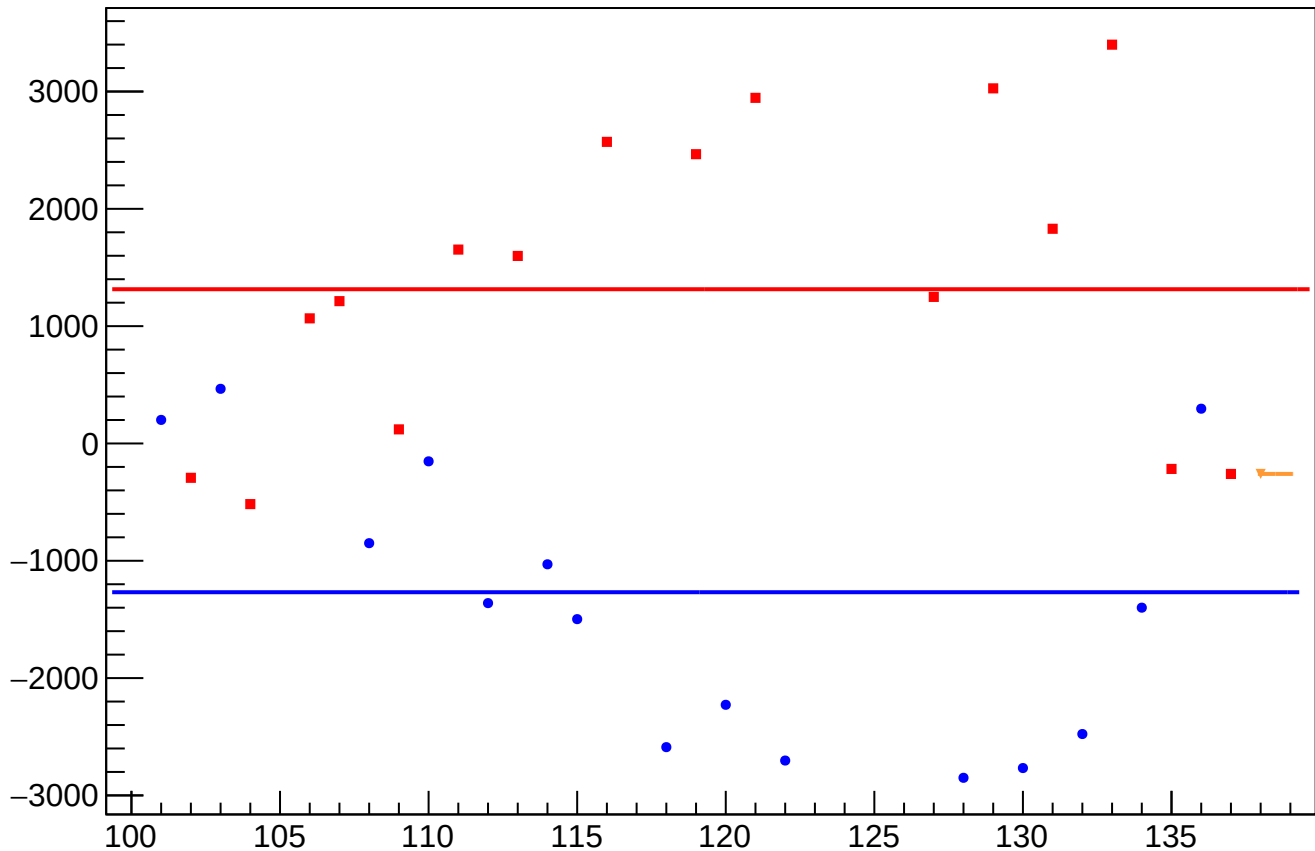
Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 1435.189 $\pm$ 0.000 χ^2 /NDF: 4032505.5/0
 Right Out: -4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -366.498 $\pm$ 0.000 χ^2 /NDF: 32850687343

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: -1268.061+/-0.000

χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: -259.552+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1314.767+/-0.000

χ^2/NDF : 1098471313864079013714609379653260935168.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -1268.061+/-0.000

χ^2/NDF : 1092280760288833856070470490800647045120.0/14

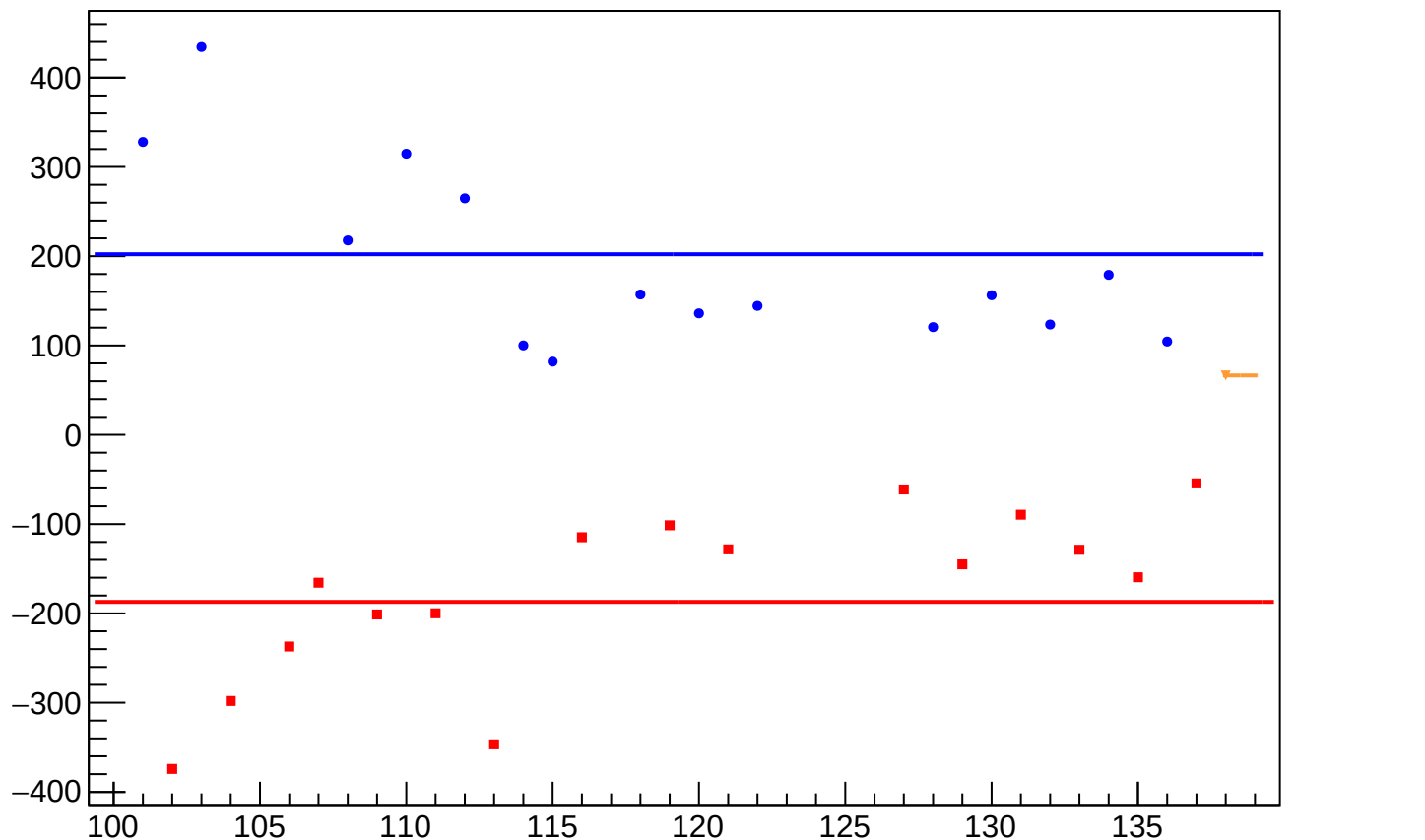
Out: 1149.939+/-0.000

χ^2/NDF : 127155245456551

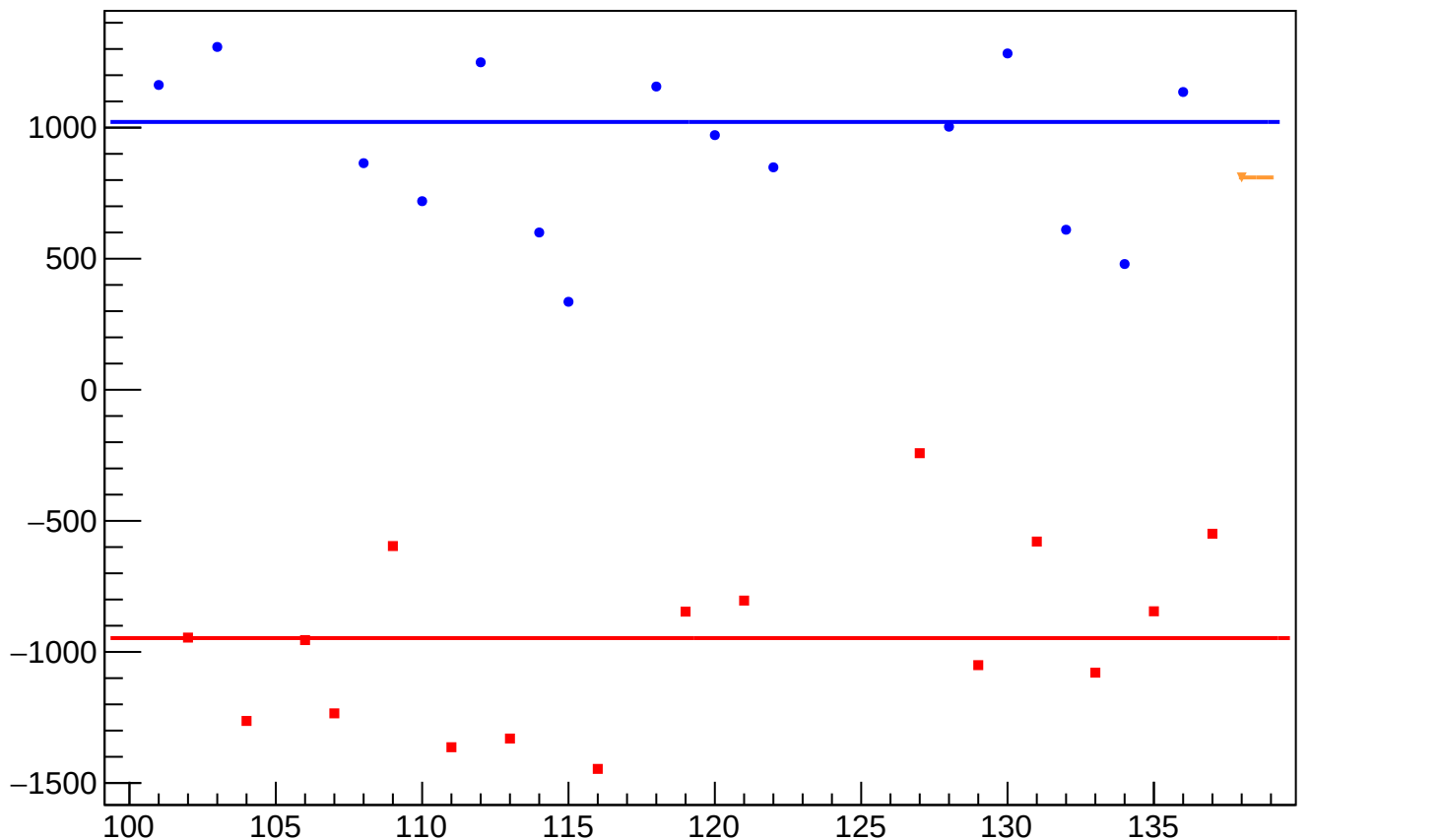
All: 24.199+/-0.000

χ^2/NDF : 4391753019569

dit_sam1_coil7_err_mean vs Slug, Sign Corrected

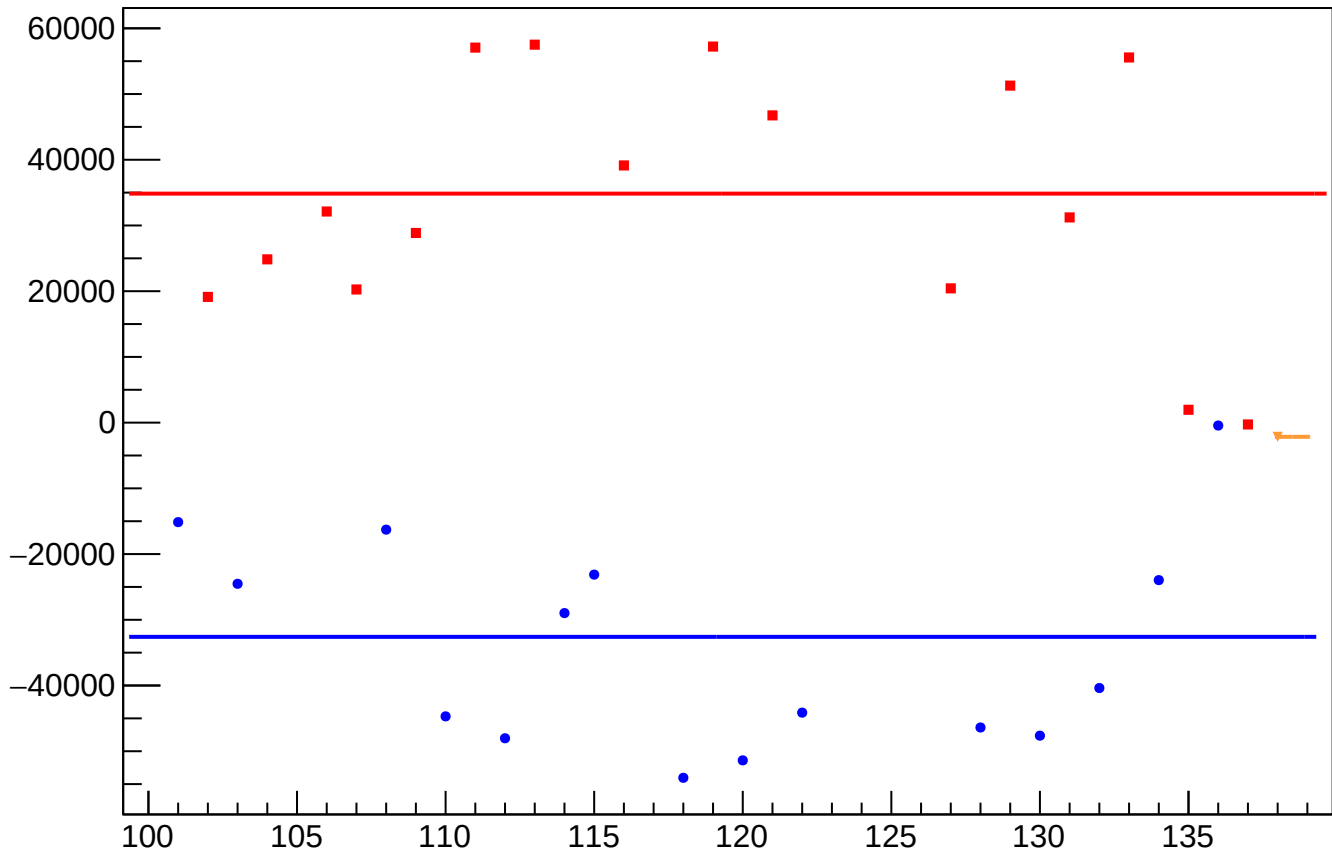


dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



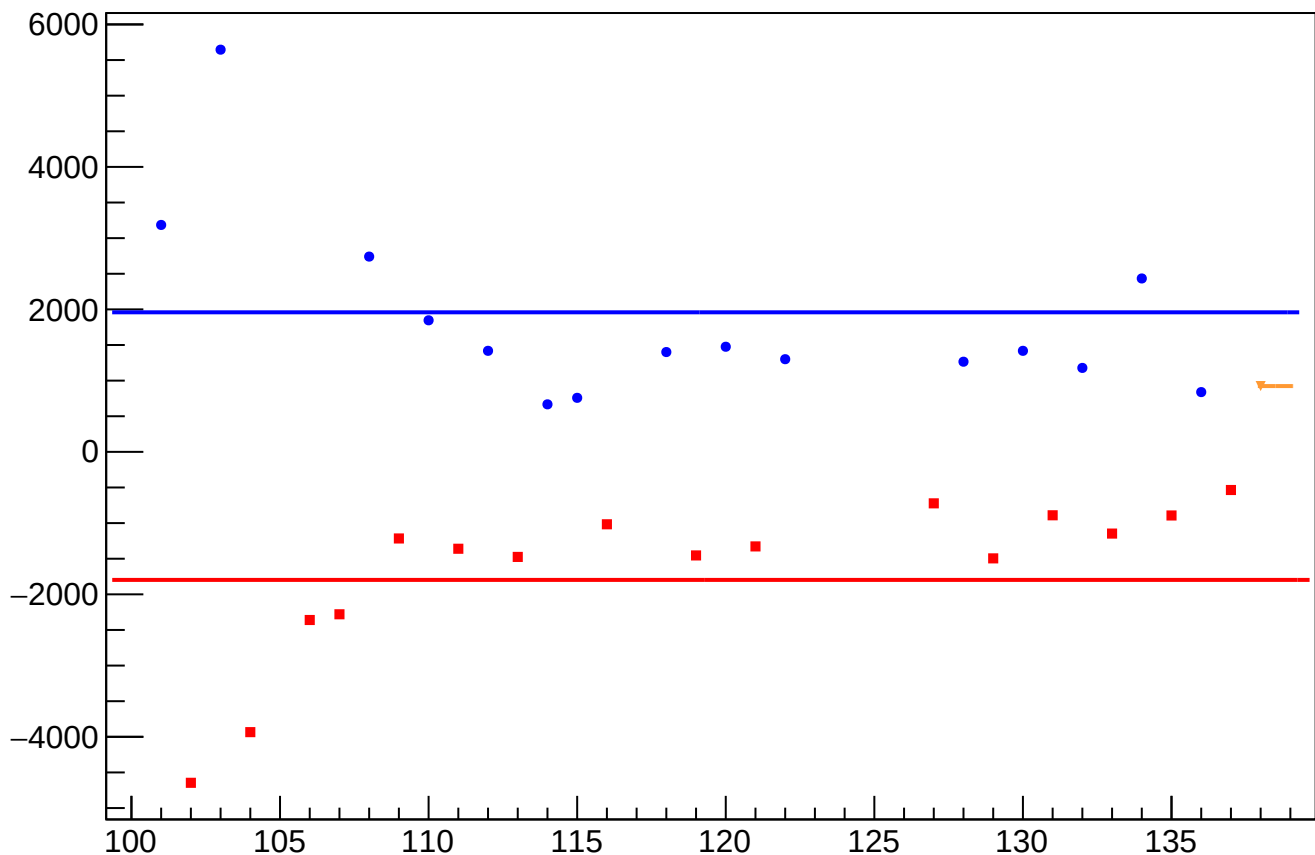
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_sam2_coil7_mean vs Slug, Sign Corrected



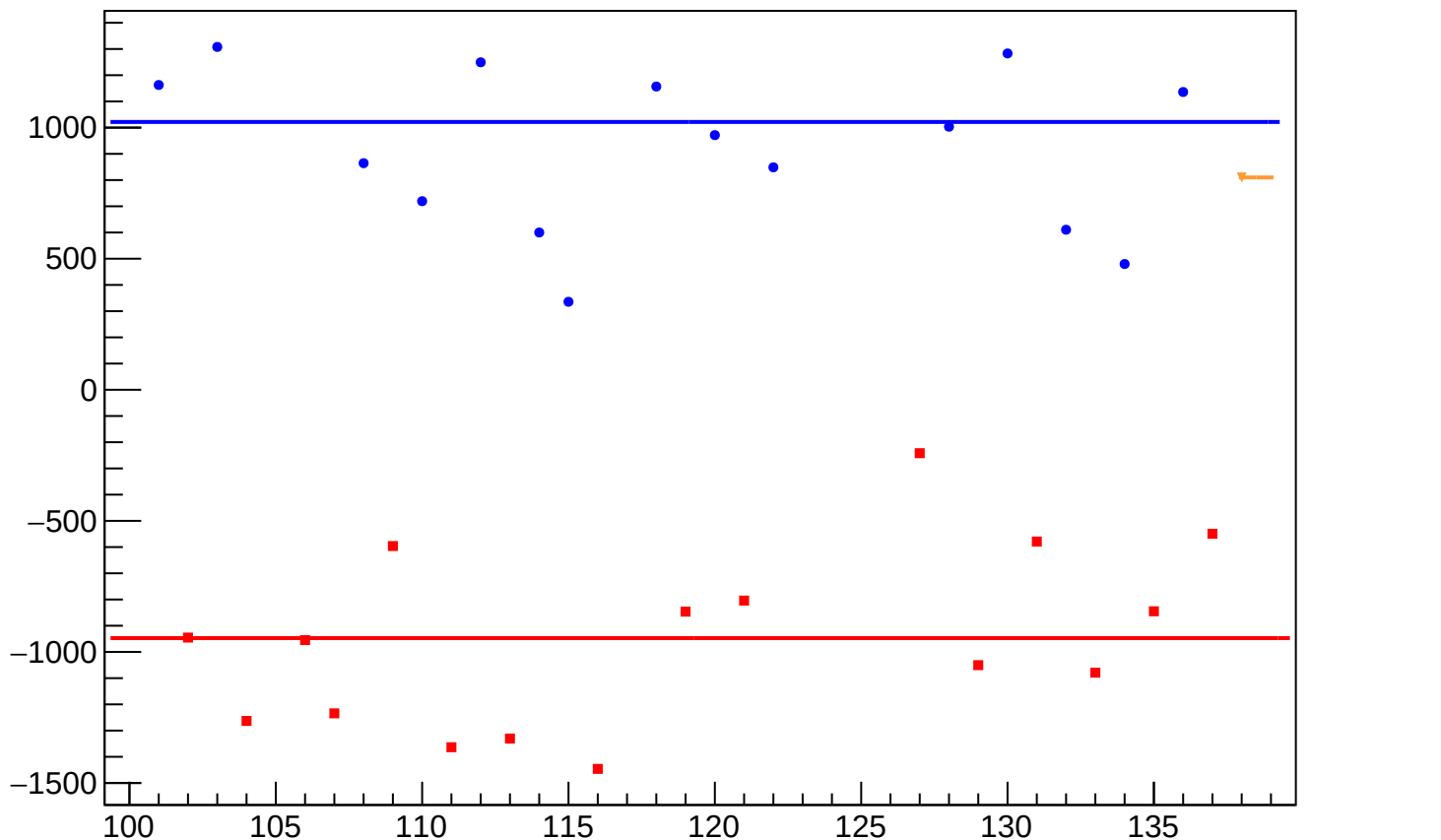
Right In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -2156.317+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 34848.046+/-0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Out: 30973.764+/-0.000 χ^2/NDF : 31675238785798
 All: 1378.281+/-0.000 χ^2/NDF : 1927506355

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



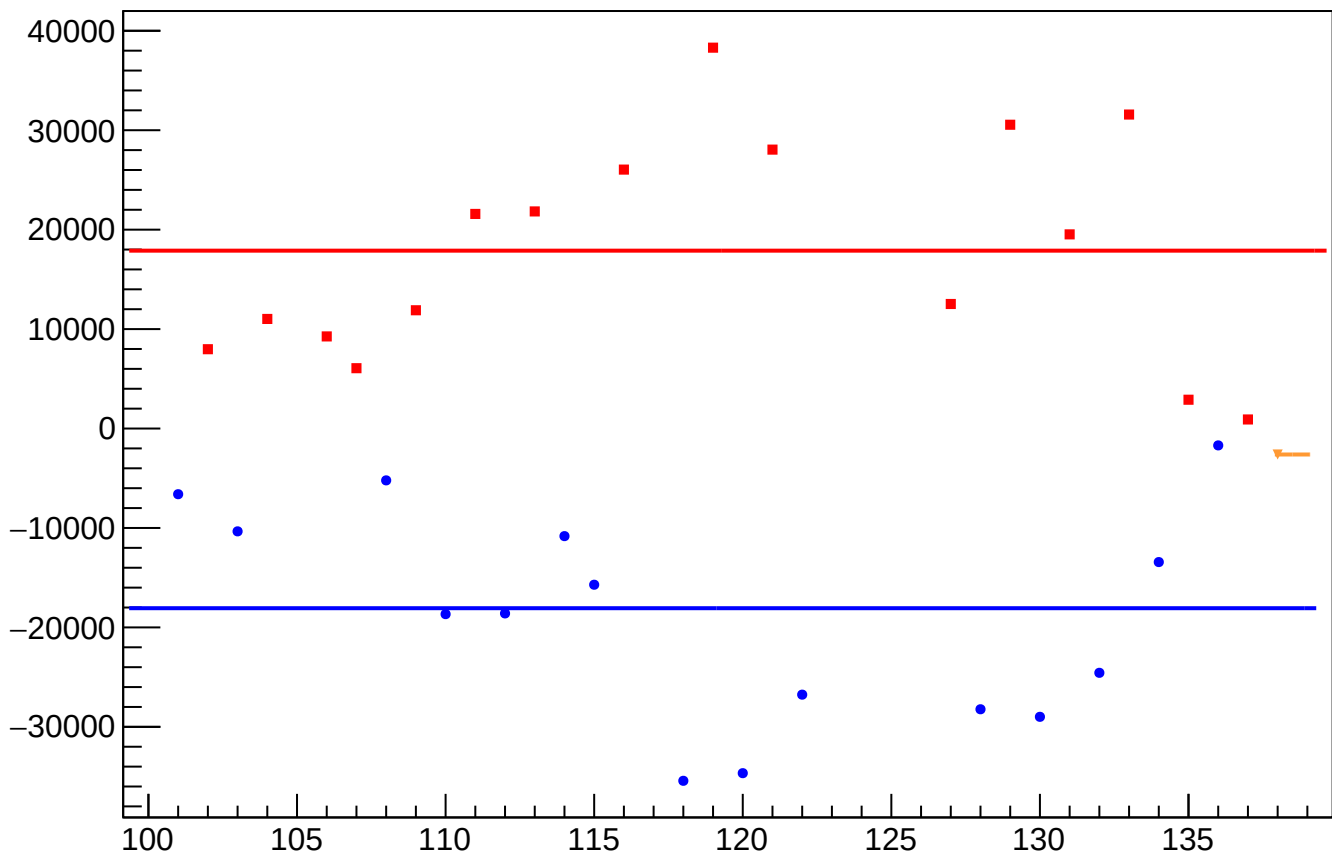
Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 923.447+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Out: -1512.526+/-0.000 χ^2/NDF : 14720721510803
 All: 103.624+/-0.000 χ^2/NDF : 684102247585

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



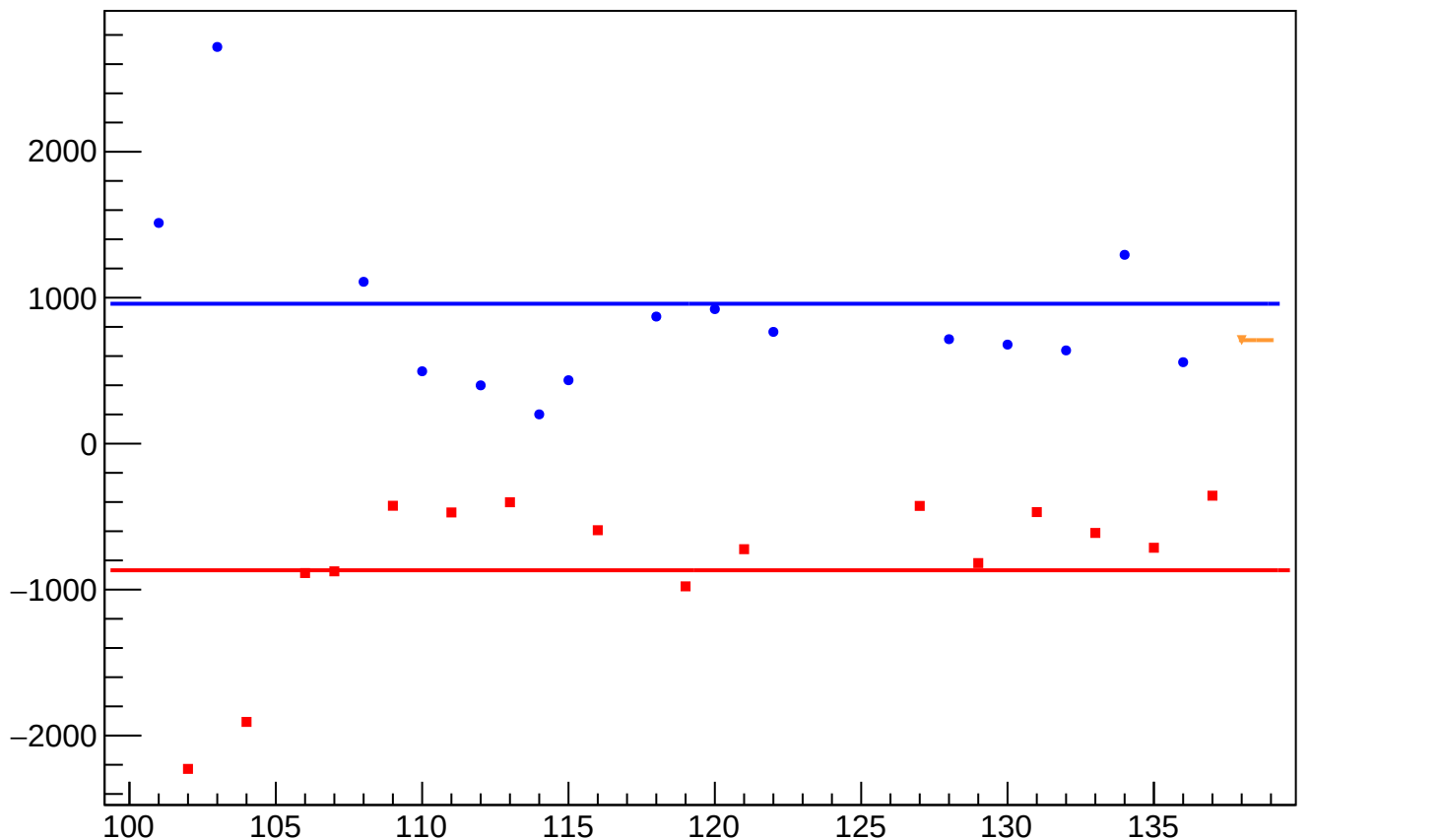
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_sam3_coil7_mean vs Slug, Sign Corrected



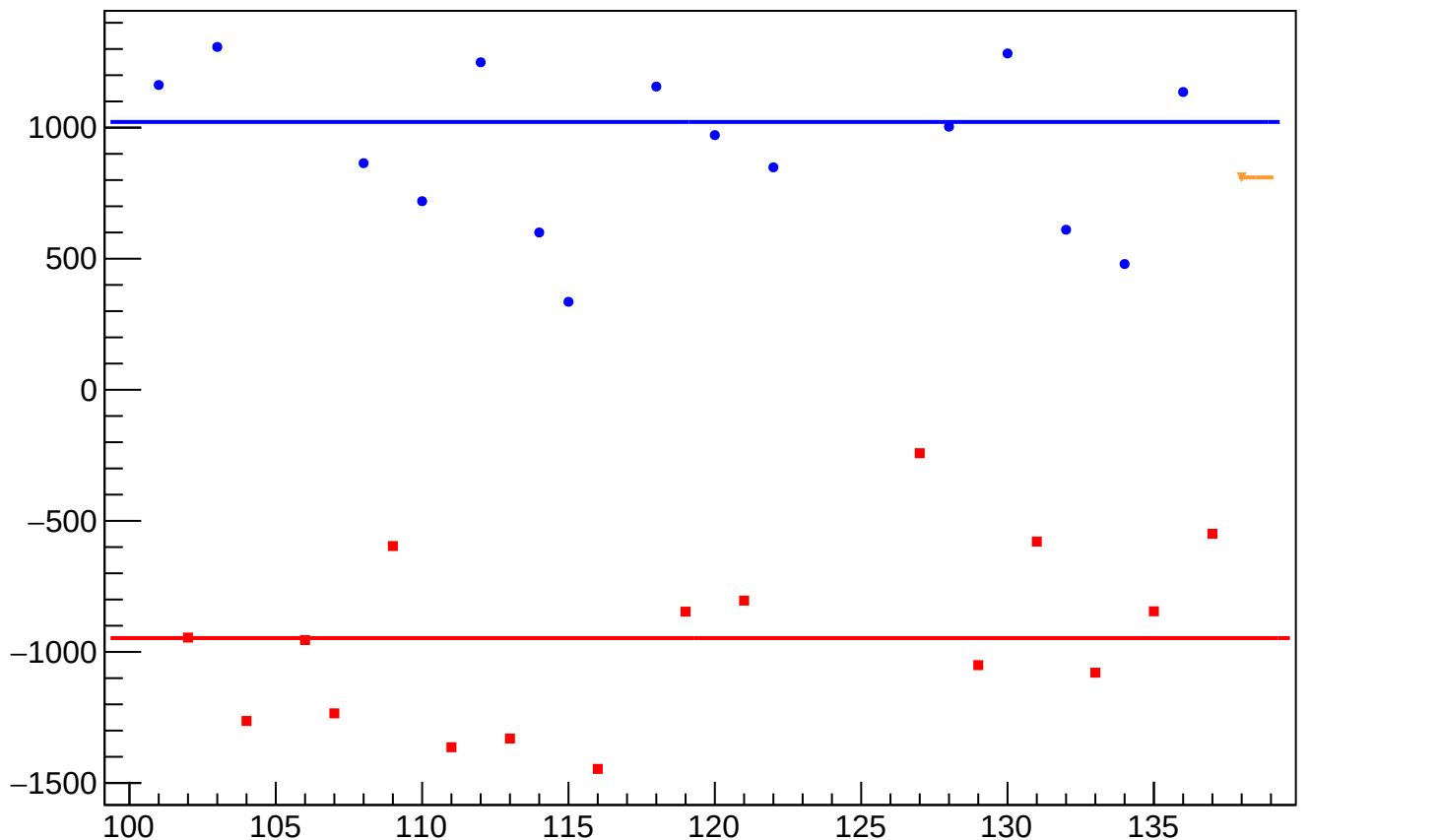
Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -2611.050+/-0.000 χ^2/NDF : 16130021.9/0
 Right Out: 17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Out: 15741.924+/-0.000 χ^2/NDF : 10775117380874
 All: 0.893+/-0.000 χ^2/NDF : 58856106719775

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



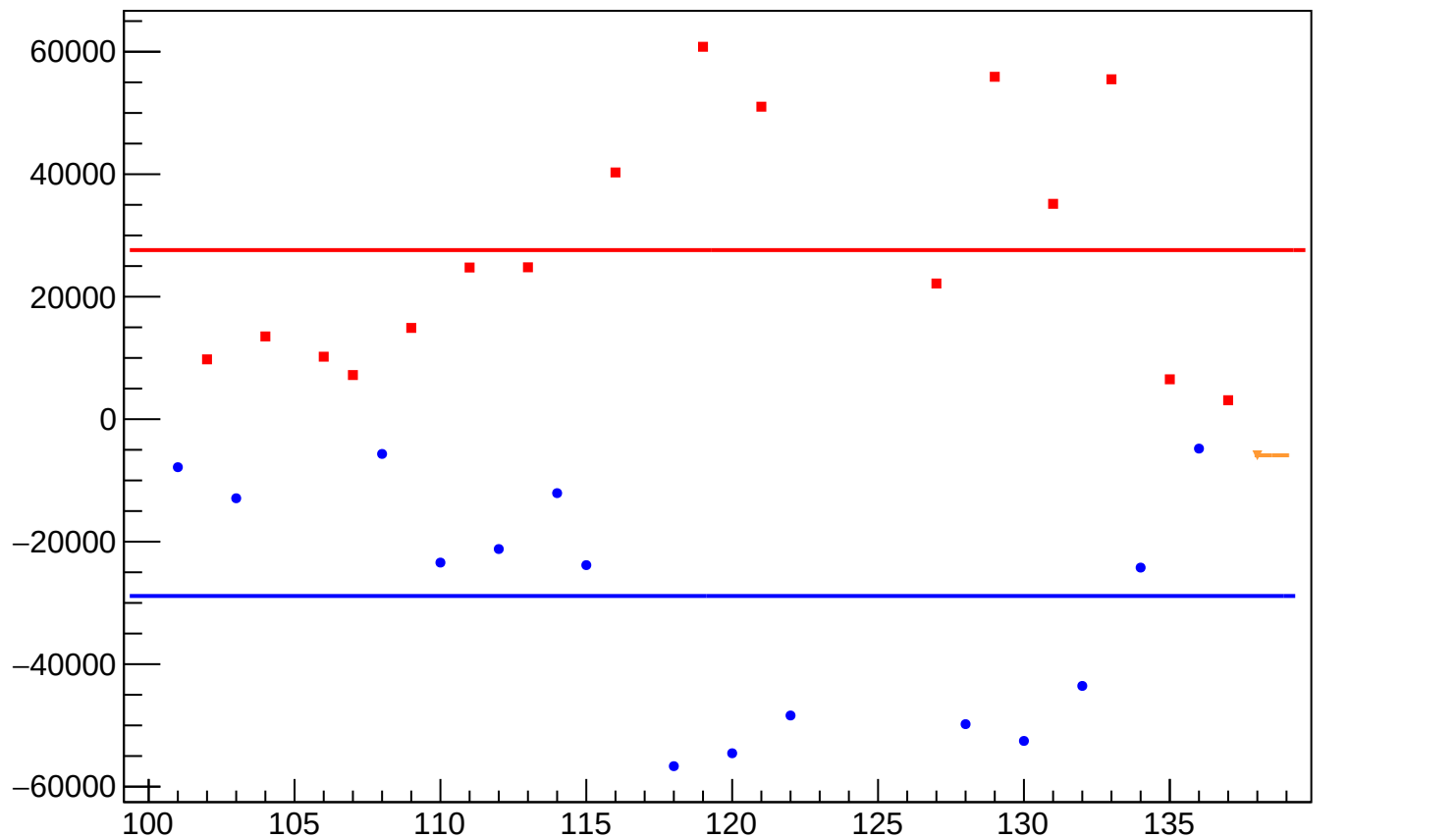
Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14
 Left Out: 709.168+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14
 Out: -702.460+/-0.000 χ^2/NDF : 389736148588552
 All: 70.786+/-0.000 χ^2/NDF : 1611243756400

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



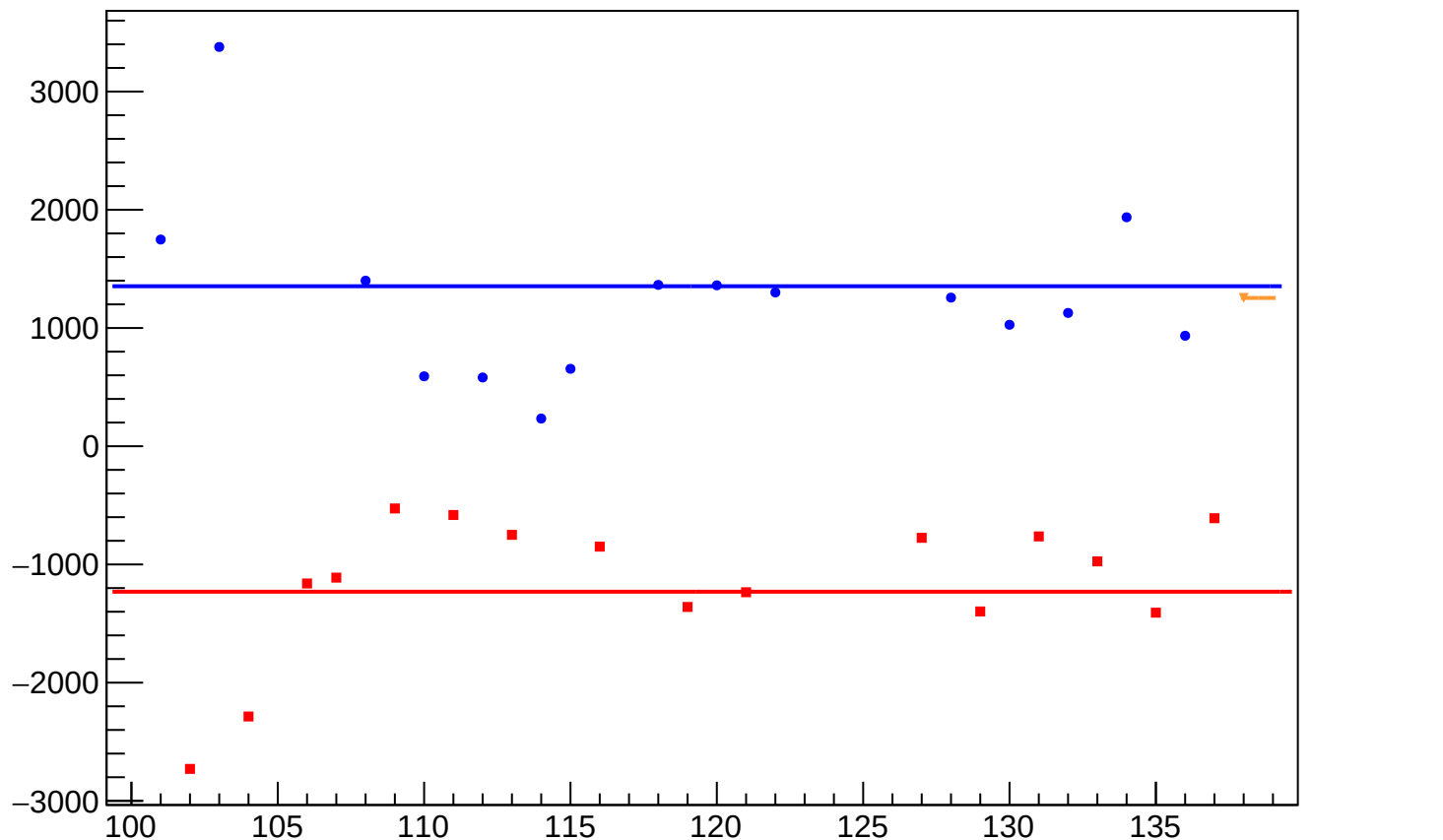
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_sam4_coil7_mean vs Slug, Sign Corrected



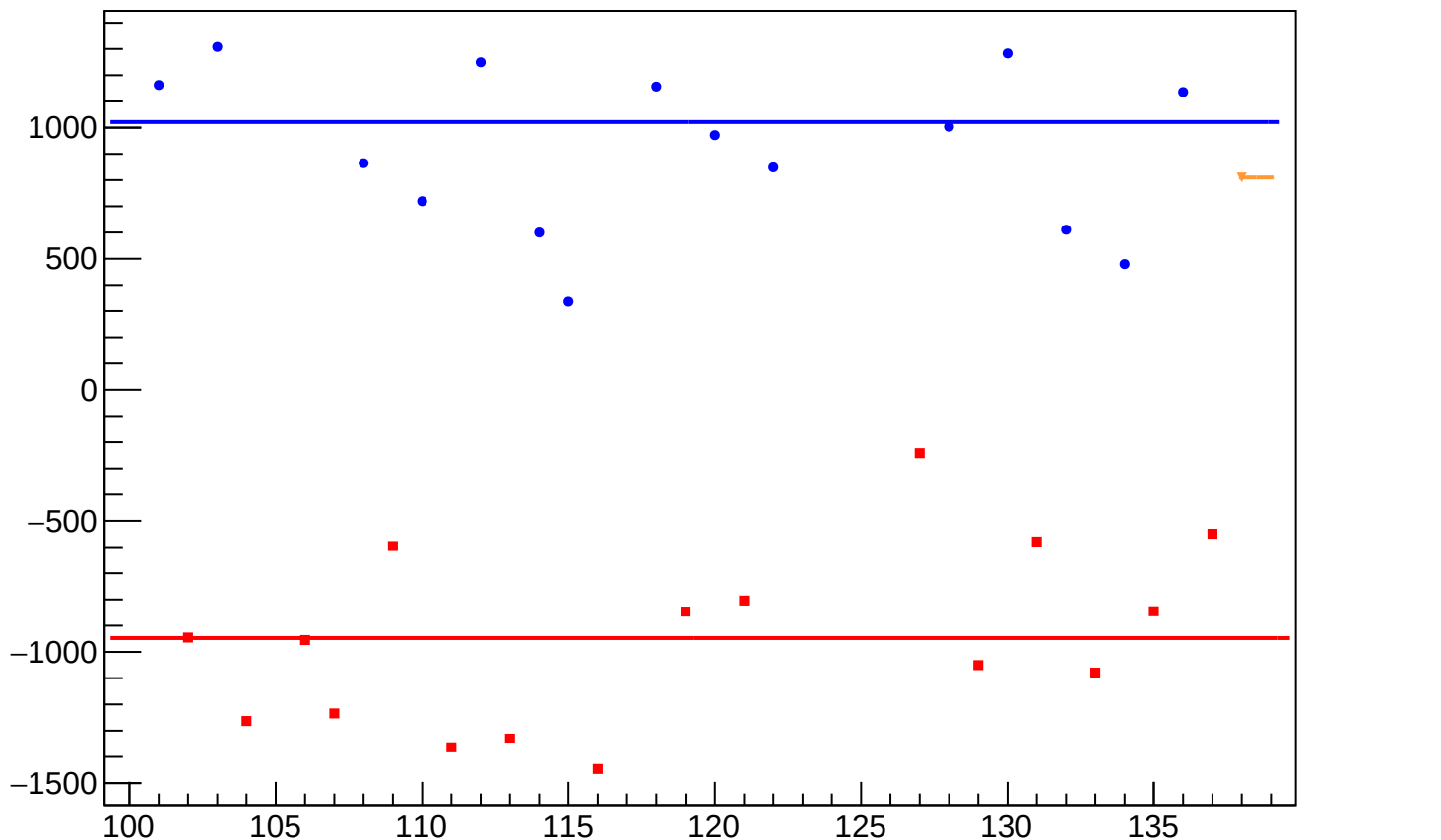
Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -5899.705+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -559.167+/-0.000 χ^2/NDF : 15611960781

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



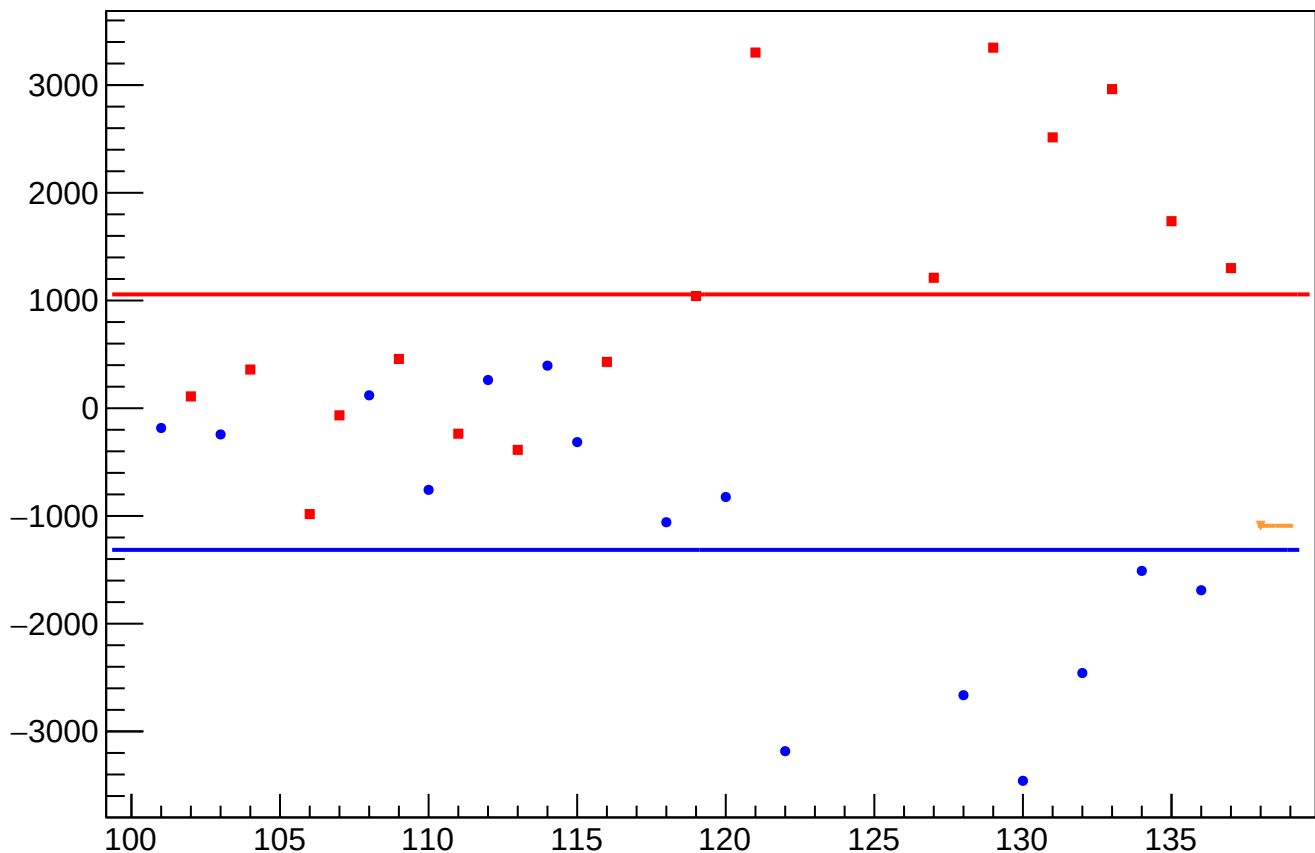
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14
 Left Out: 1254.328+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14
 Out: -970.462+/-0.000 χ^2/NDF : 708213889087468
 All: 111.457+/-0.000 χ^2/NDF : 293421435232

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



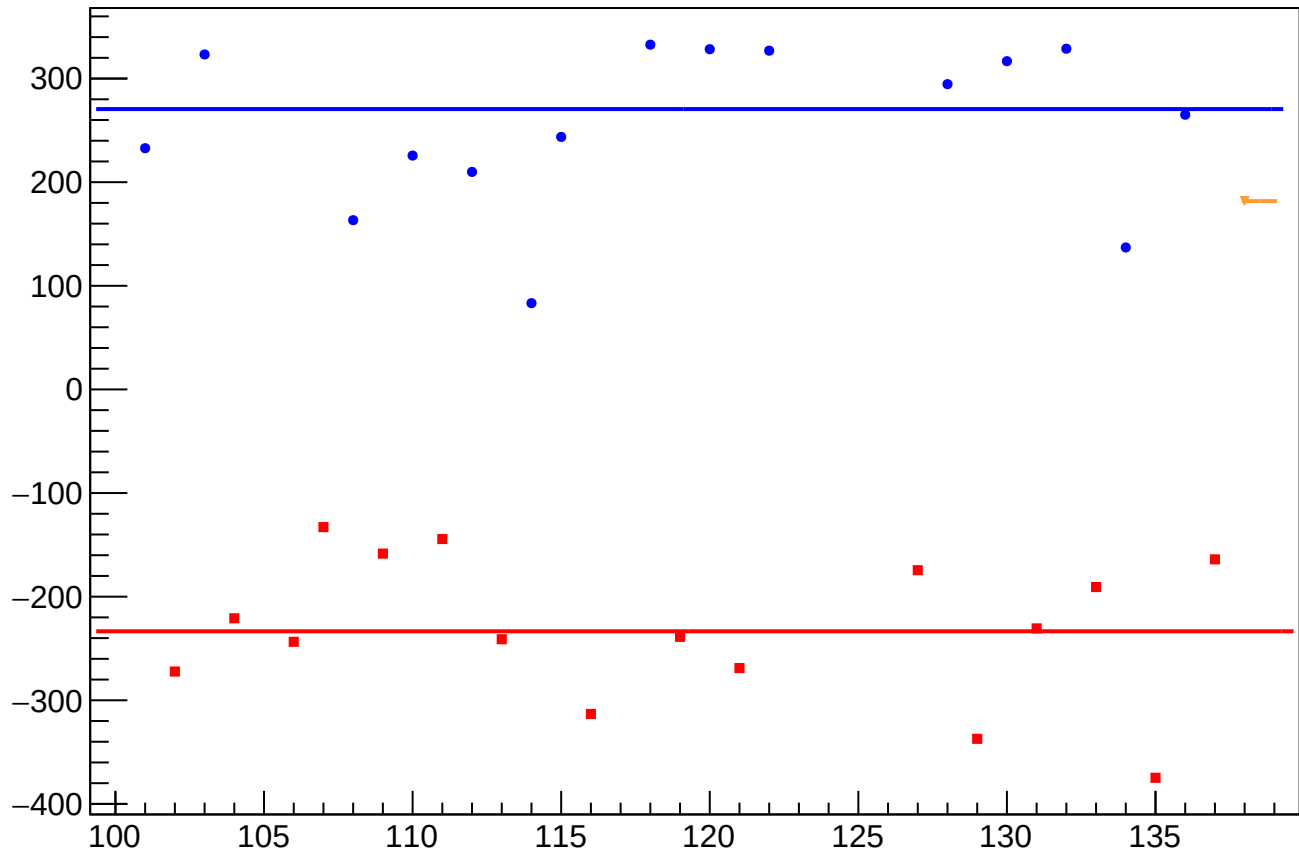
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_sam5_coil7_mean vs Slug, Sign Corrected



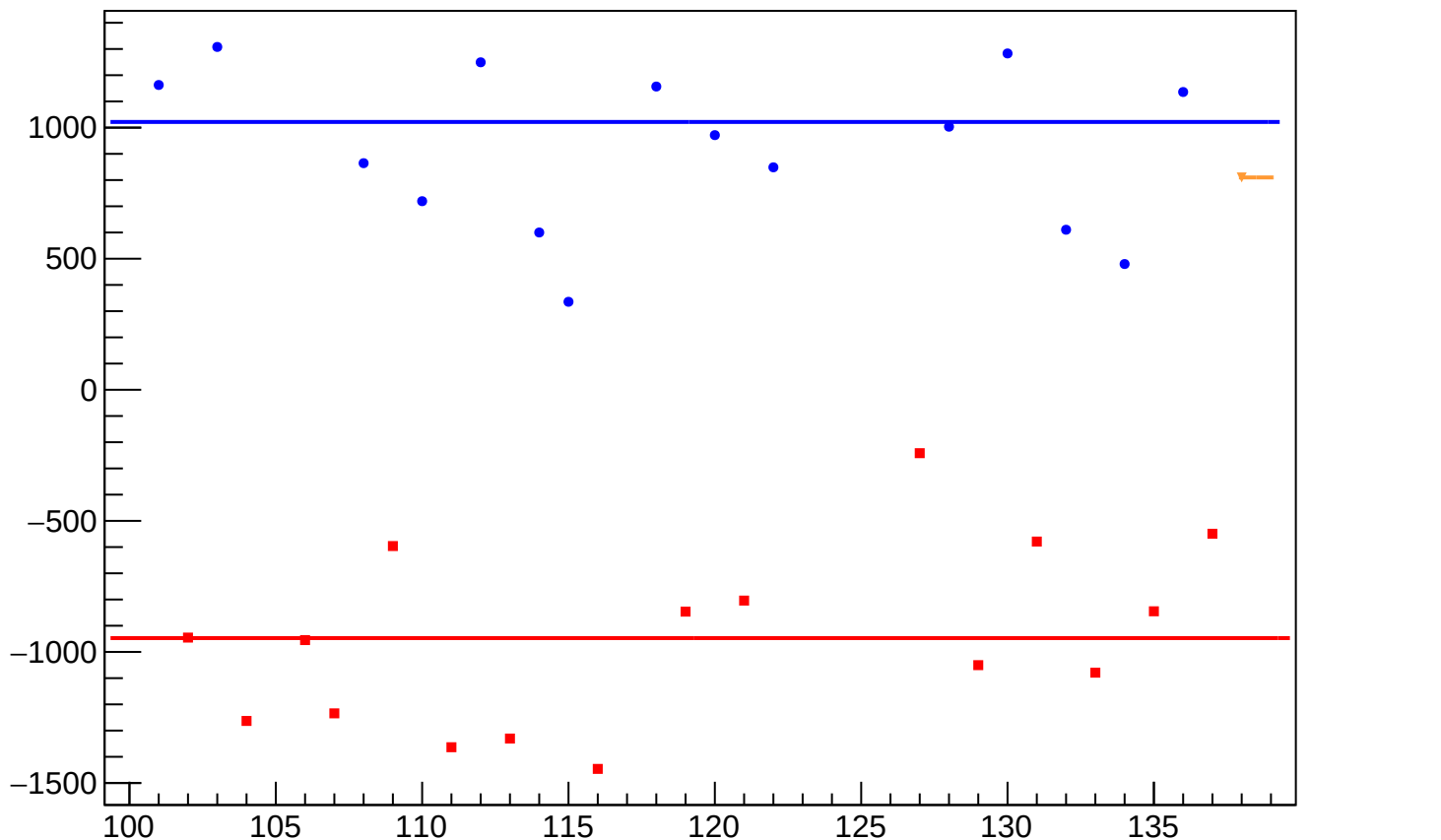
Right In: -1314.782 ± 0.000 $\chi^2/\text{NDF}: 966082368518203481544021644405645508608.0/14$
 Left Out: -1091.091 ± 0.000 $\chi^2/\text{NDF}: 4032505.5/0$
 Right Out: 1056.765 ± 0.000 $\chi^2/\text{NDF}: 1127141594187417021949832477353286041600.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -167.529 ± 0.000 $\chi^2/\text{NDF}: 40137260704$

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



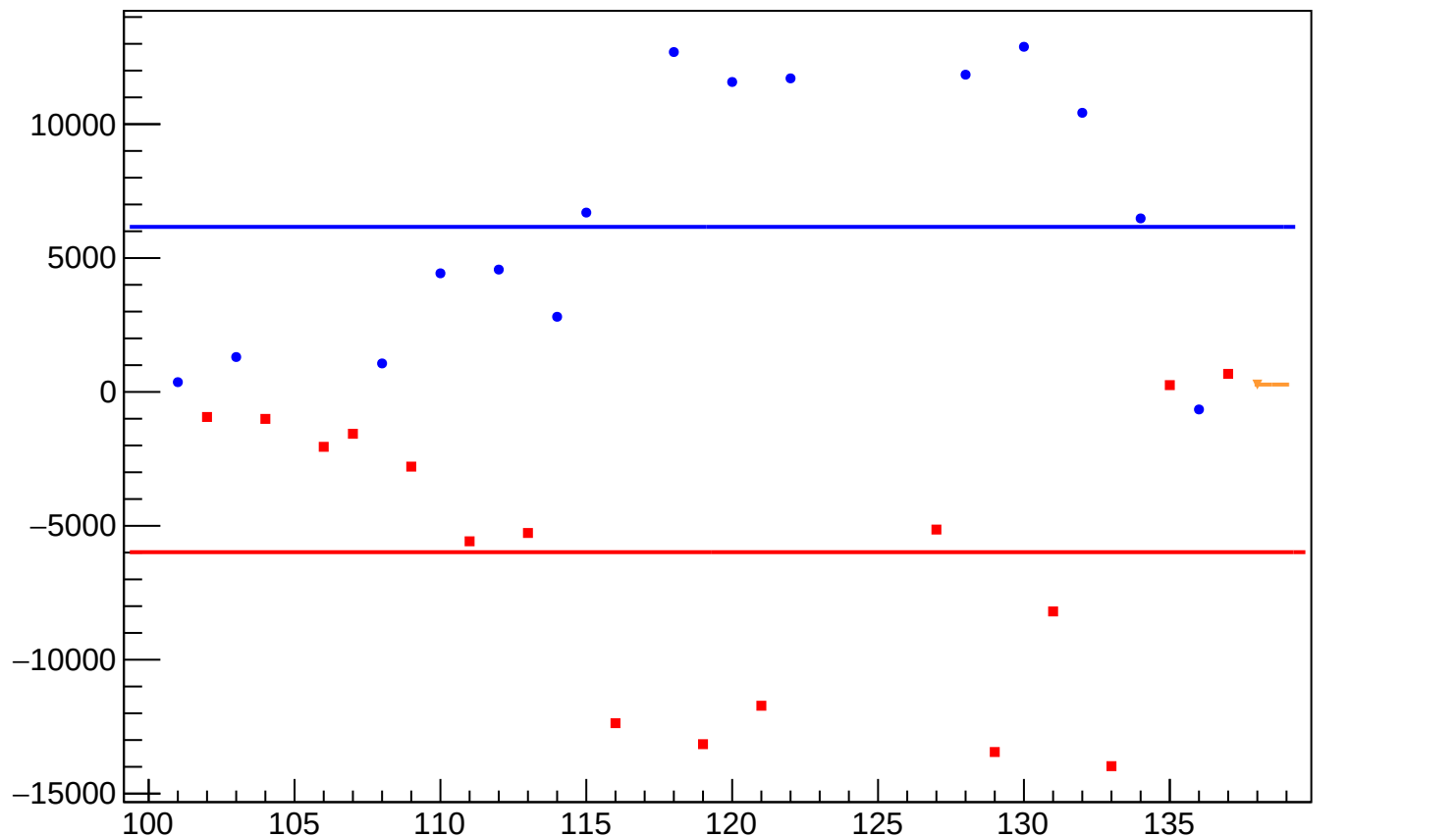
Right In: 270.538 $\pm$ 0.000 χ^2 /NDF: 2473839905347950323907848405170257920.0/14
 Left Out: 181.728 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -233.421 $\pm$ 0.000 χ^2 /NDF: 3048529087317888615064010247743995904.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 24.435 $\pm$ 0.000 χ^2 /NDF: 9110856892621

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



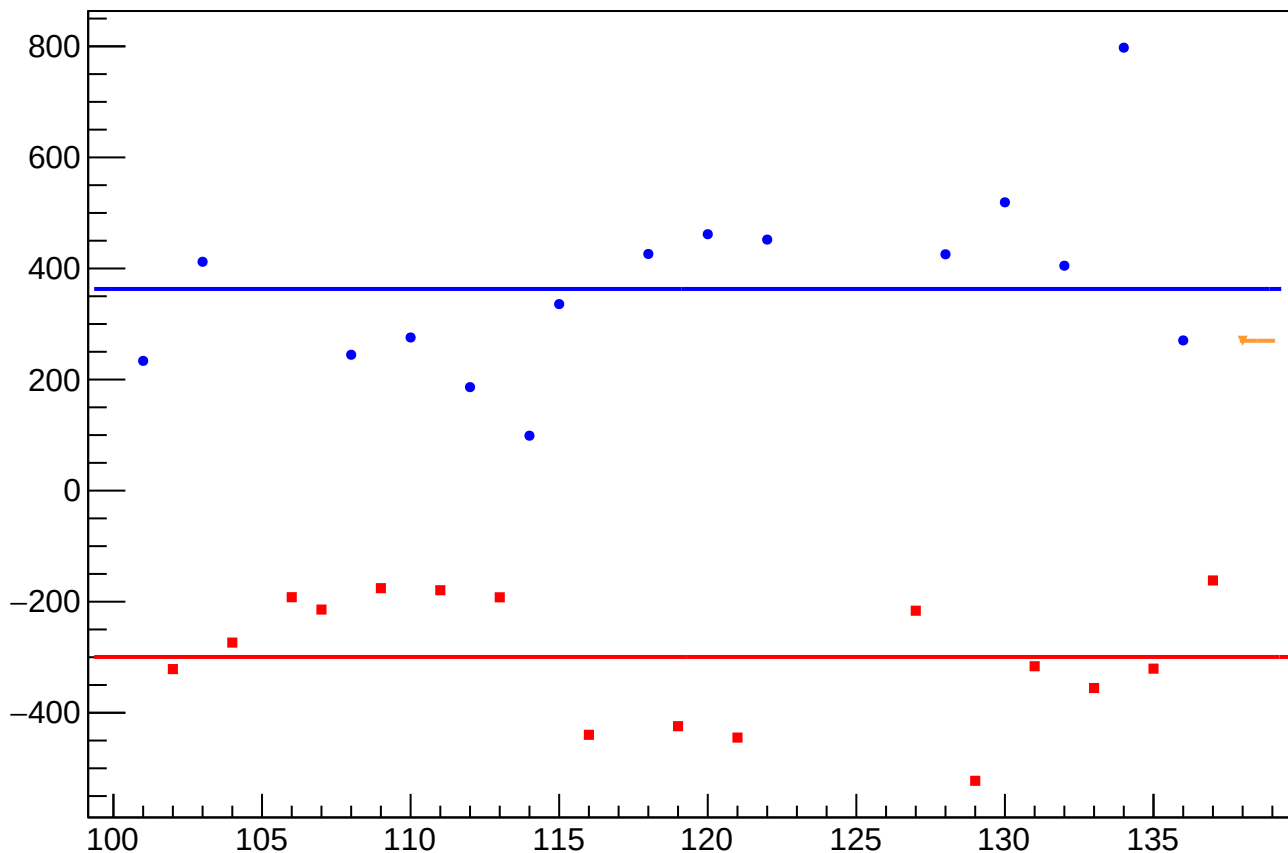
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_sam6_coil7_mean vs Slug, Sign Corrected



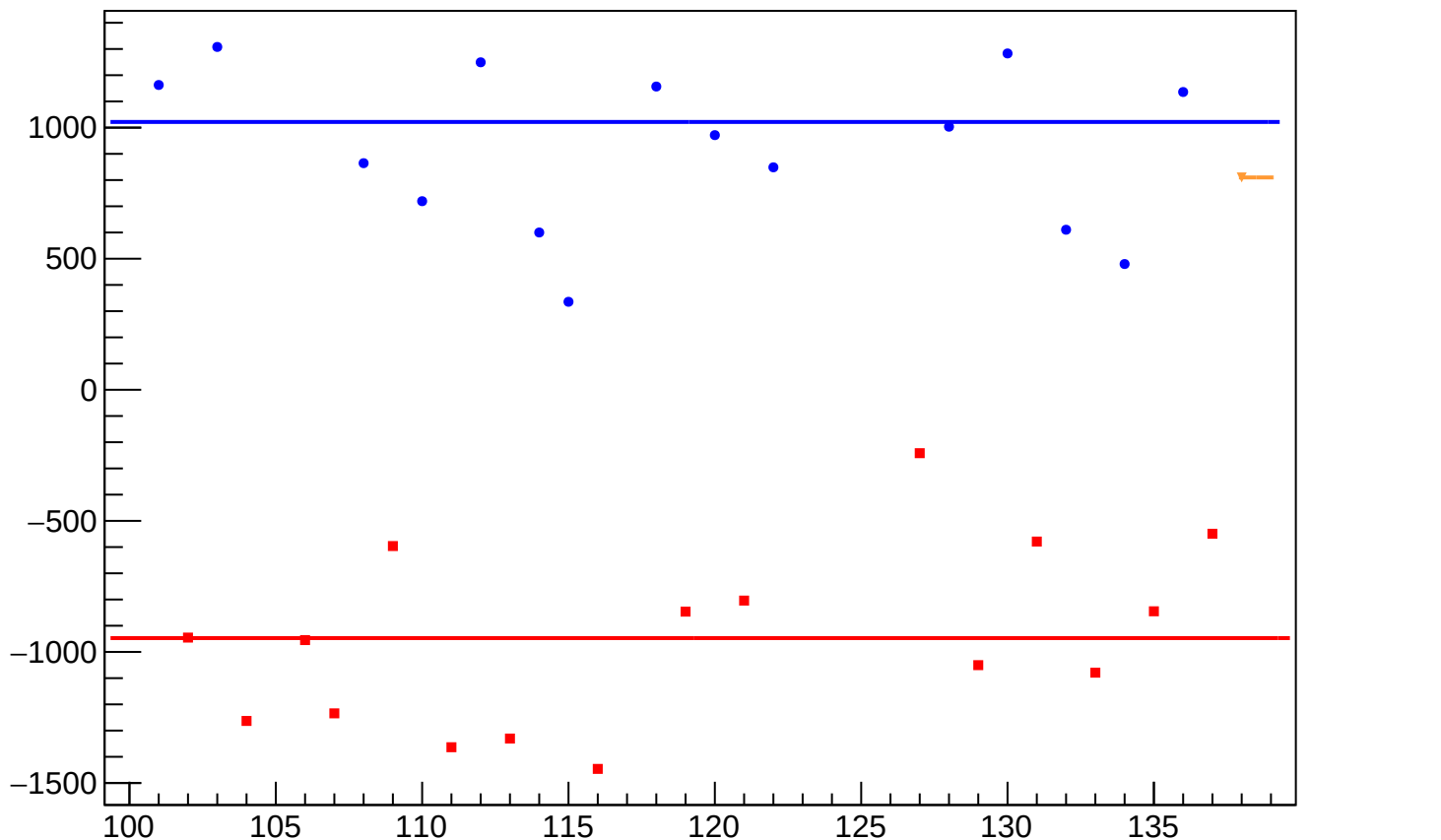
Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 275.653+/-0.000 χ^2/NDF : 252031.6/0
 Right Out: -5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 21.758+/-0.000 χ^2/NDF : 842484570706022

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



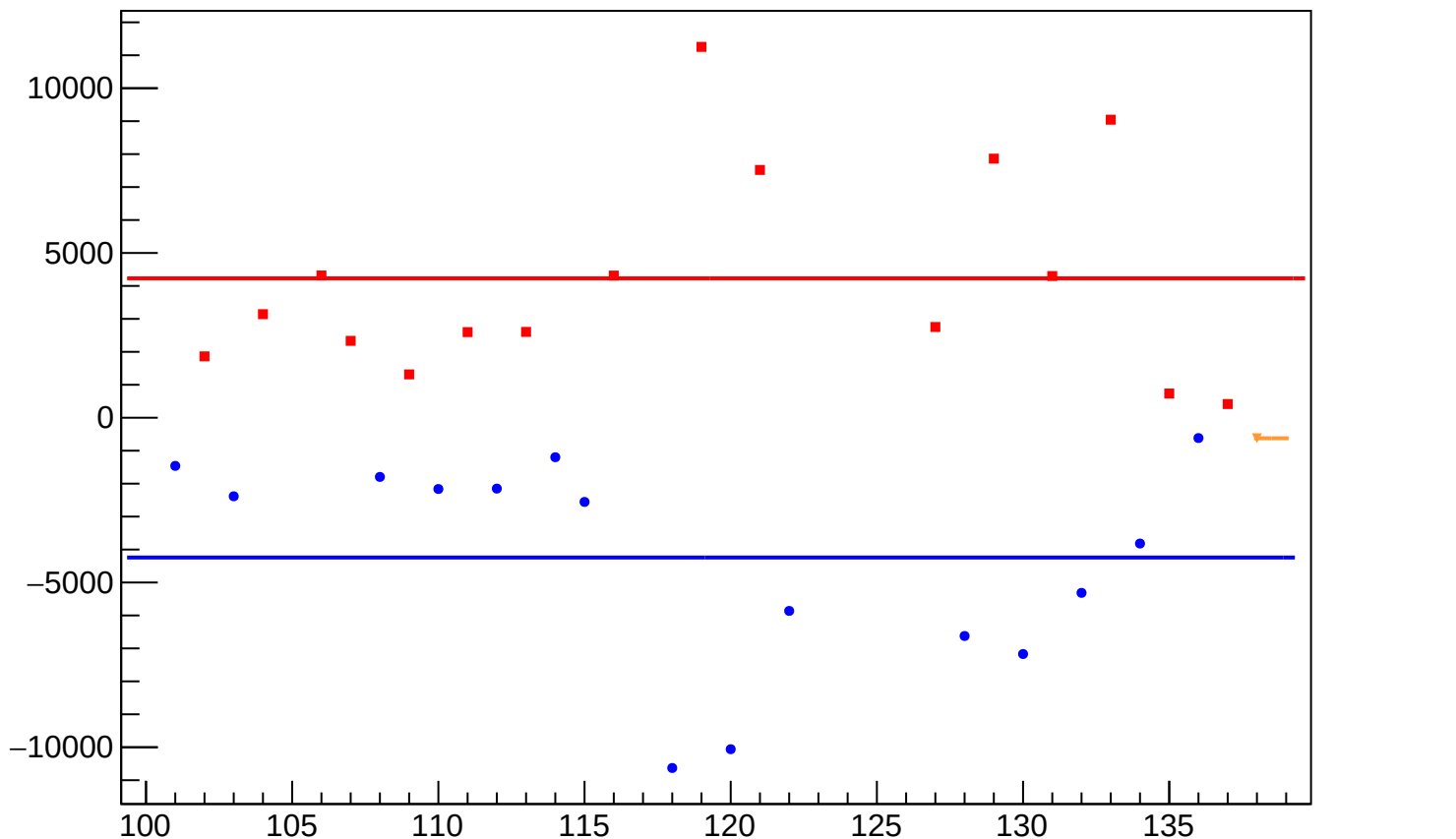
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14
 Left Out: 269.865+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14
 Out: -239.901+/-0.000 χ^2/NDF : 303250787034132
 All: 40.851+/-0.000 χ^2/NDF : 1679591787447

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



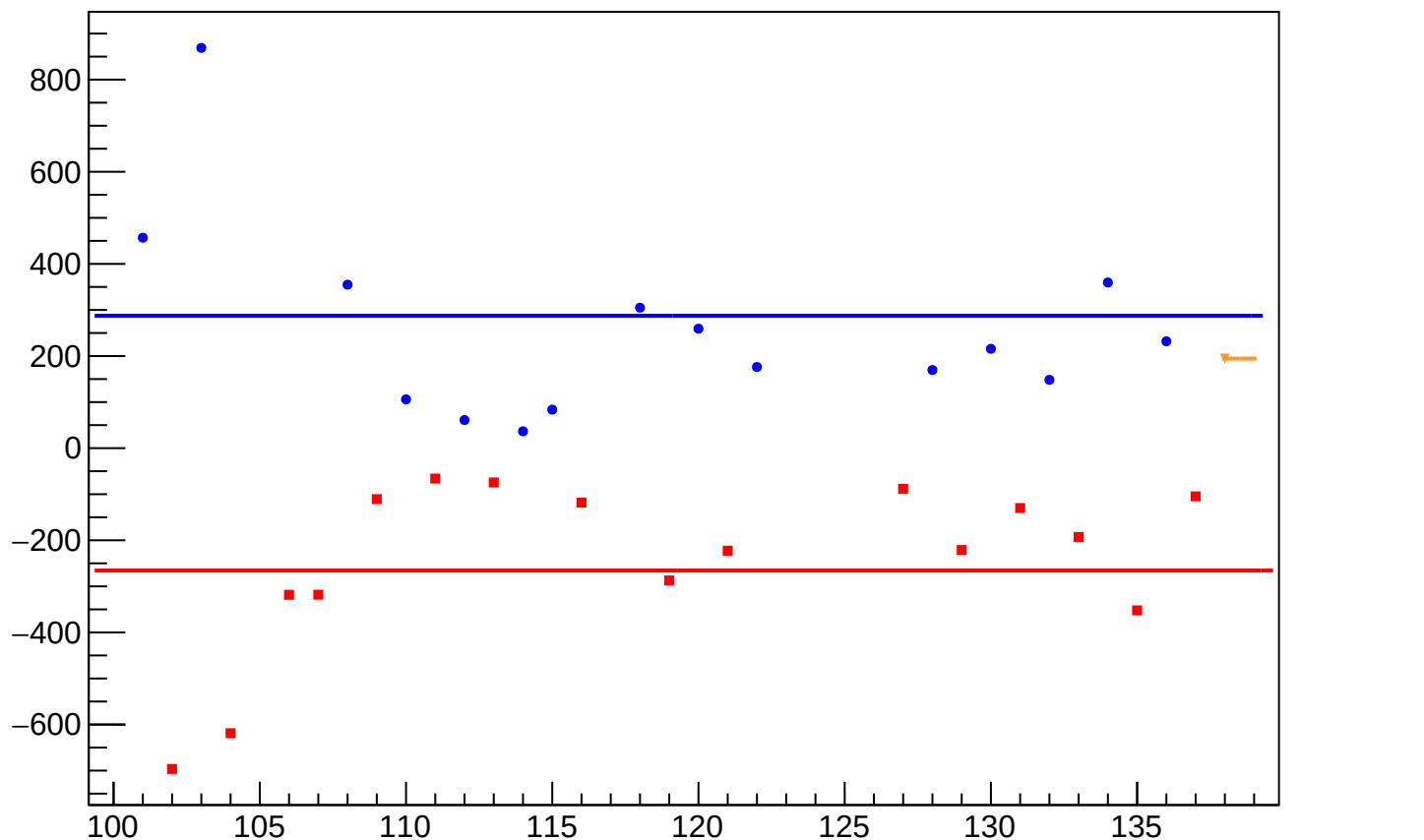
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_sam7_coil7_mean vs Slug, Sign Corrected



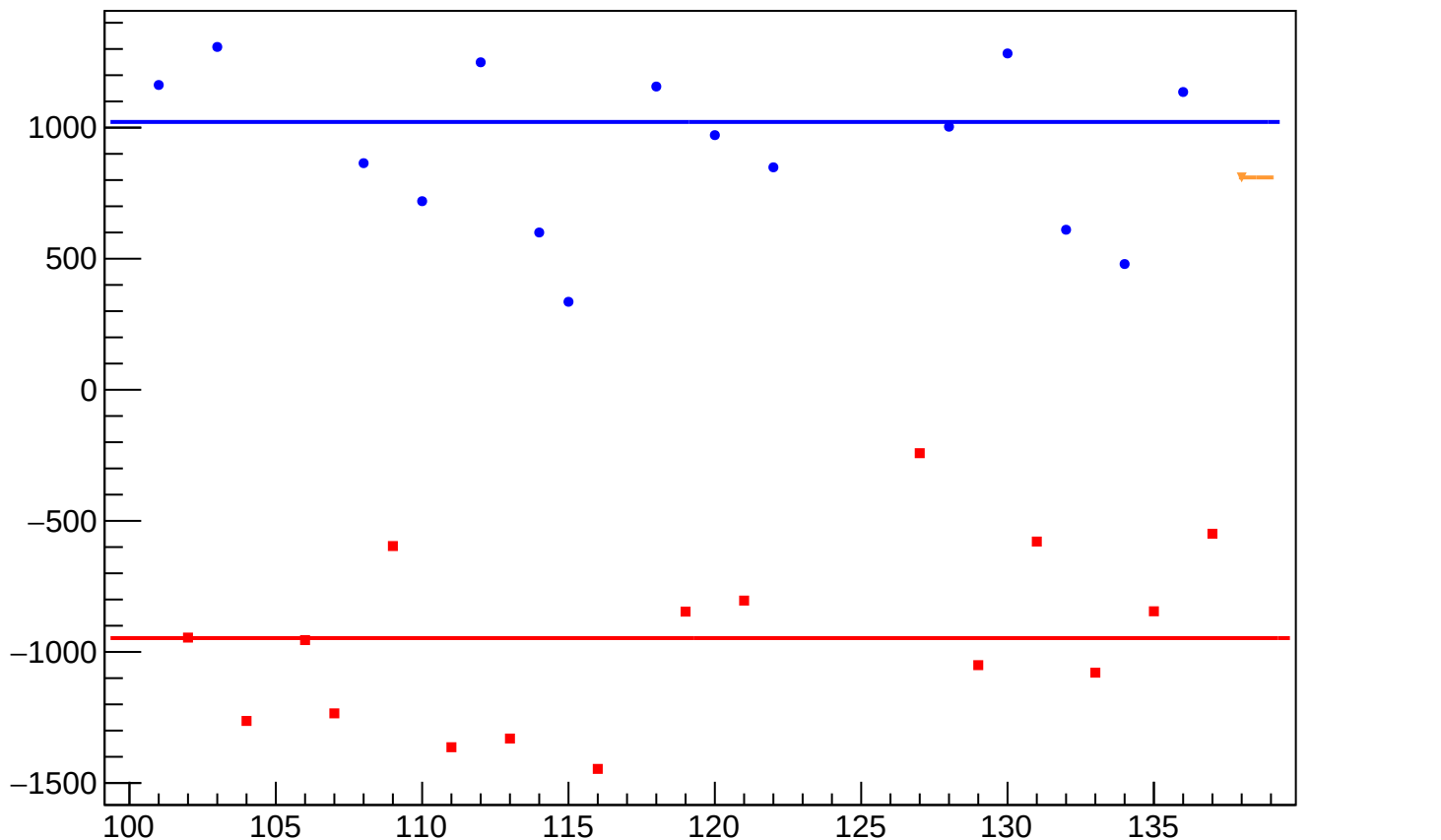
Left: -623.180+/-0.000 χ^2/NDF : 1008126.4/0
 Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -623.180+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 52.349+/-0.000 χ^2/NDF : 3708179263230228
 In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Out: 3722.758+/-0.000 χ^2/NDF : 832788755849785
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 14.550+/-0.000 χ^2/NDF : 3711539548930

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



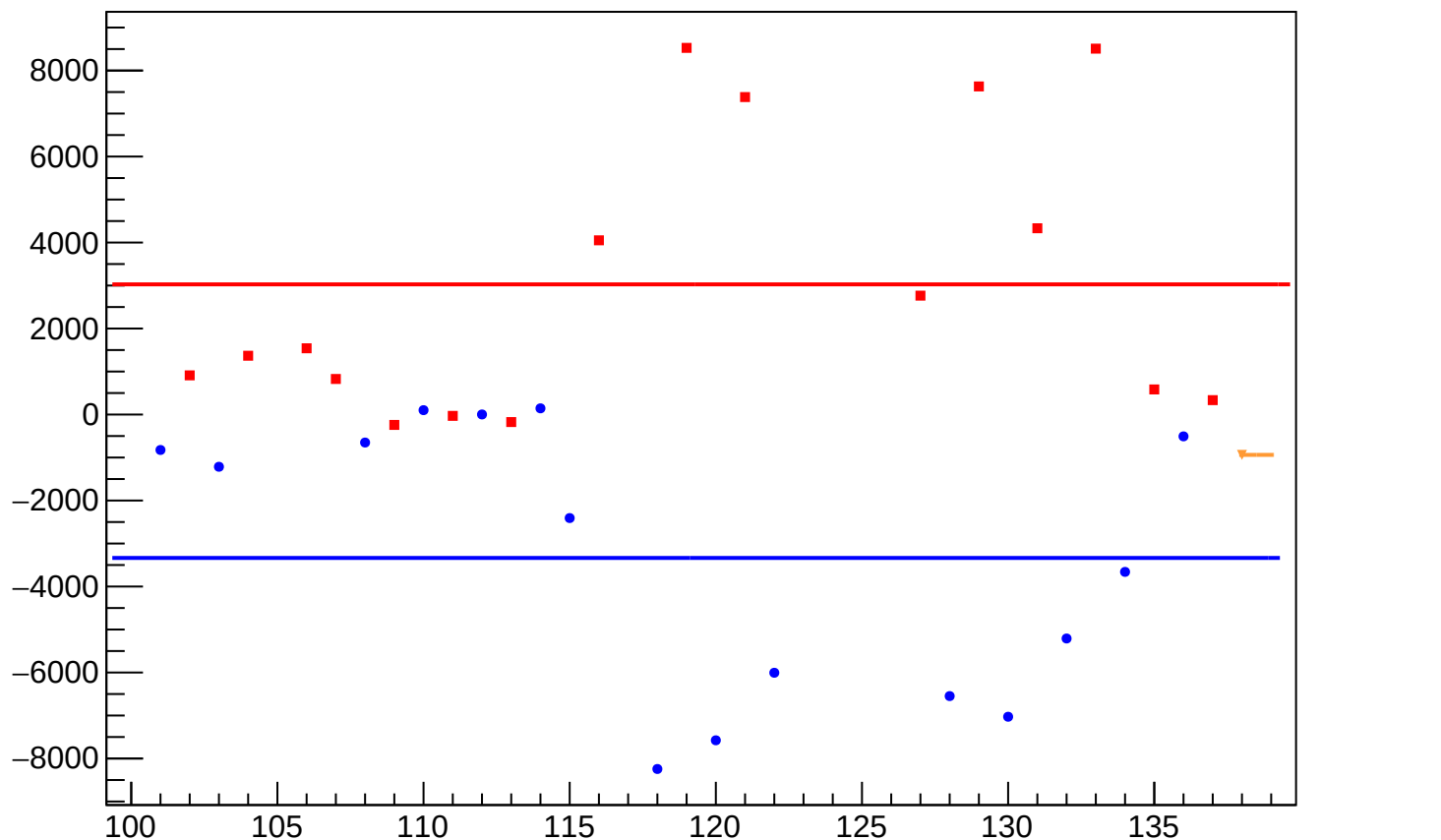
Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14
 Left Out: 194.448+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 17.631+/-0.000 χ^2/NDF : 1585548497683

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



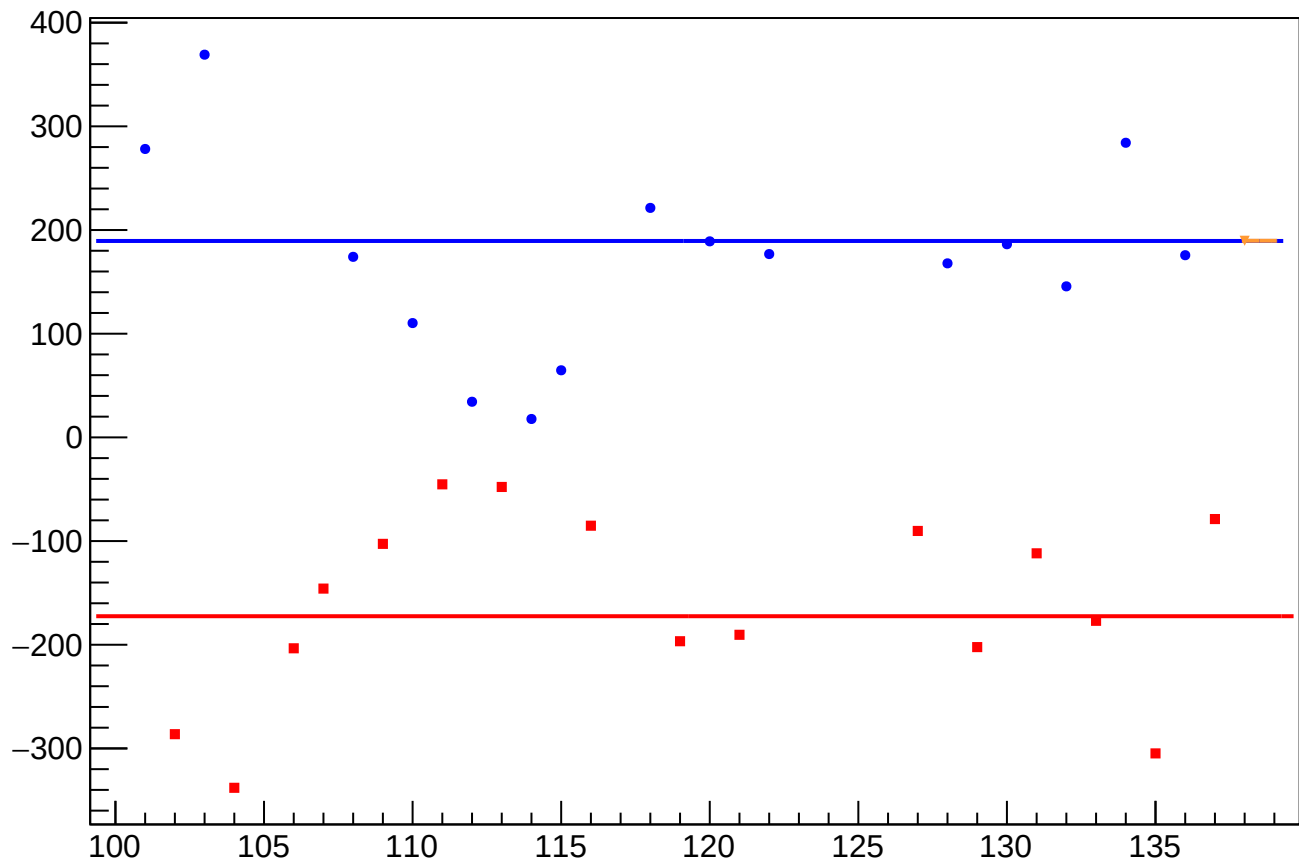
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_sam8_coil7_mean vs Slug, Sign Corrected



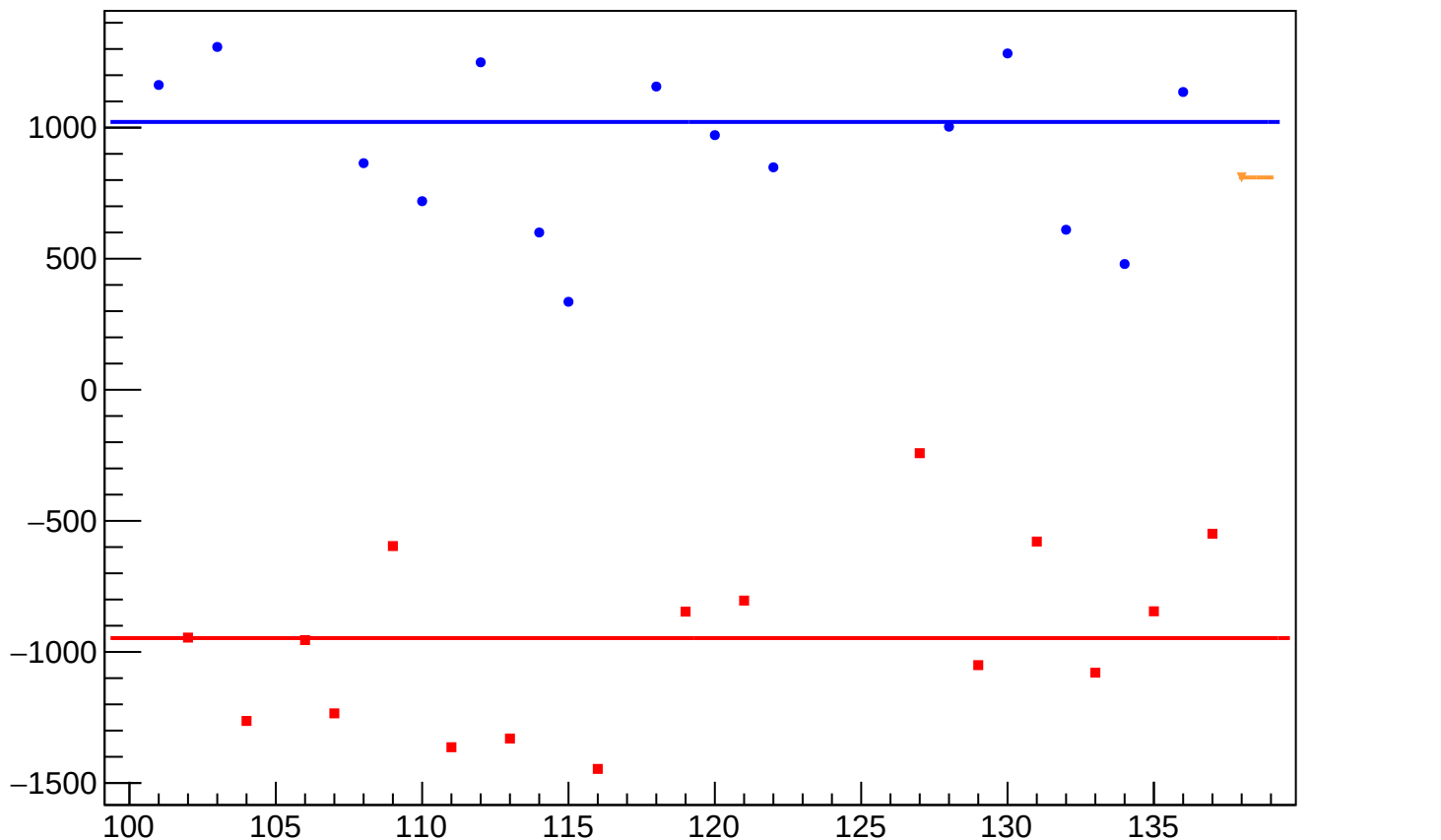
Left: -938.248+/-0.000 χ^2/NDF : 1008126.4/0
 Right: -110.320+/-0.000 χ^2/NDF : 26741707536001
 Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -938.248+/-0.000 χ^2/NDF : 1008126.4/0
 In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Right Out: 3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Out: 2612.386+/-0.000 χ^2/NDF : 818449723005258
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -156.646+/-0.000 χ^2/NDF : 26792182118

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



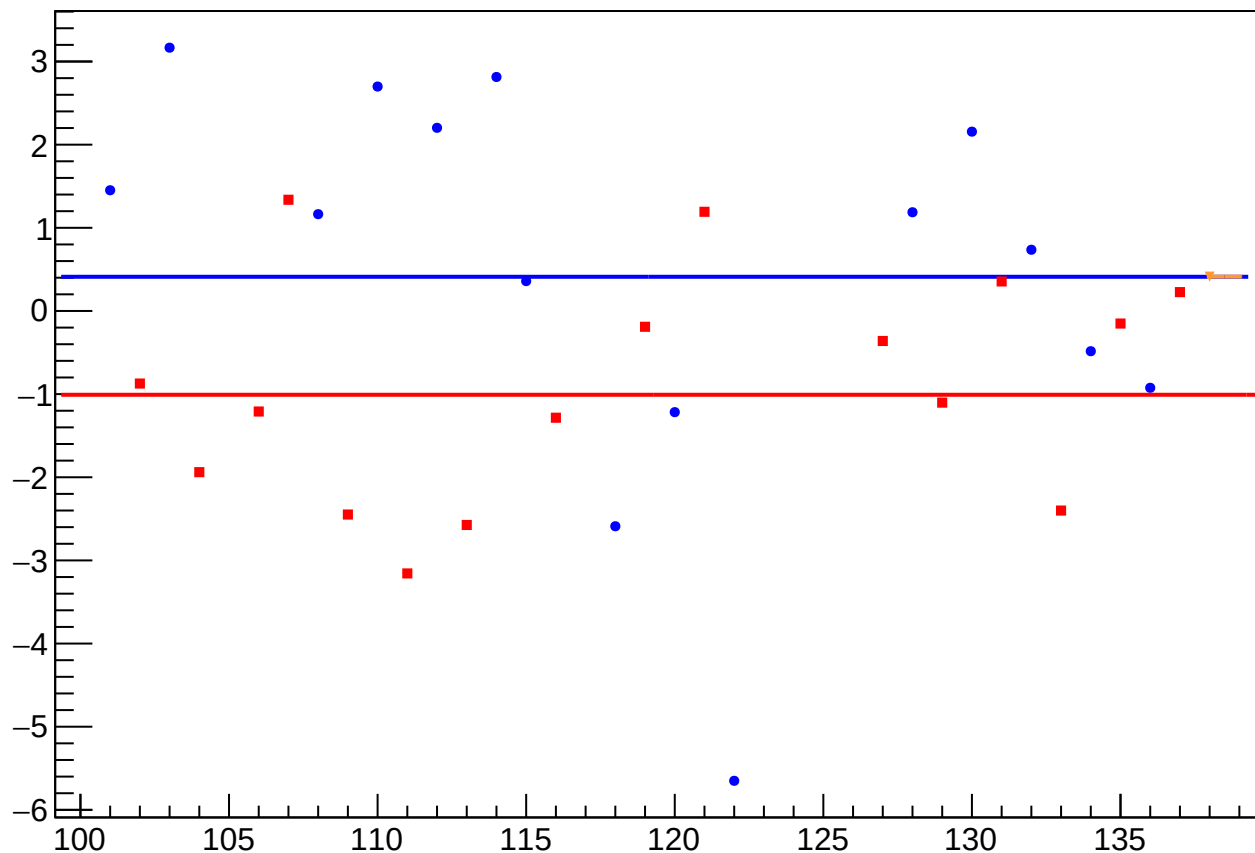
Right In: 189.442+/-0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 189.641+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -172.485+/-0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 16.279+/-0.000 χ^2/NDF : 5587310818050

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



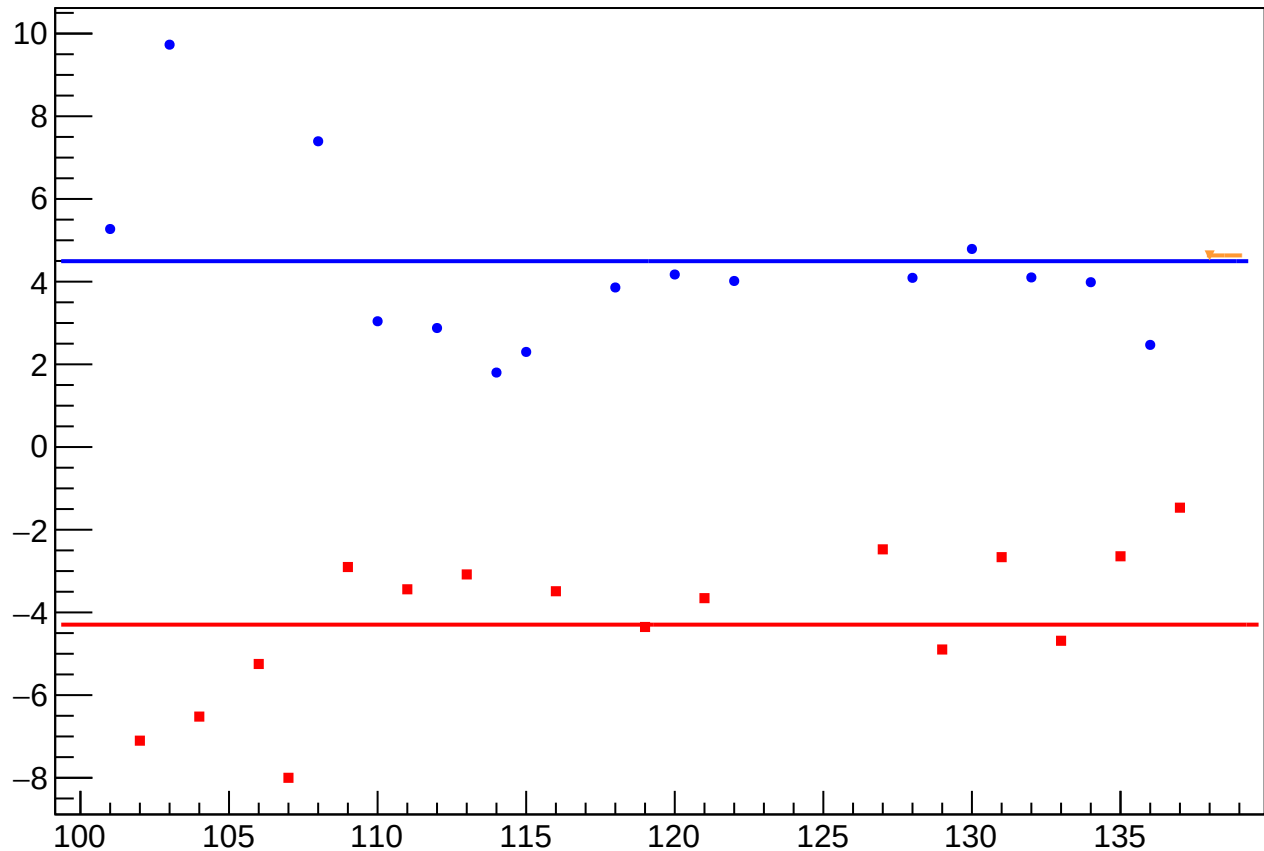
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 809.974+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 67.794+/-0.000 χ^2/NDF : 1428849930305

dit_4aX_coil4_mean vs Slug, Sign Corrected



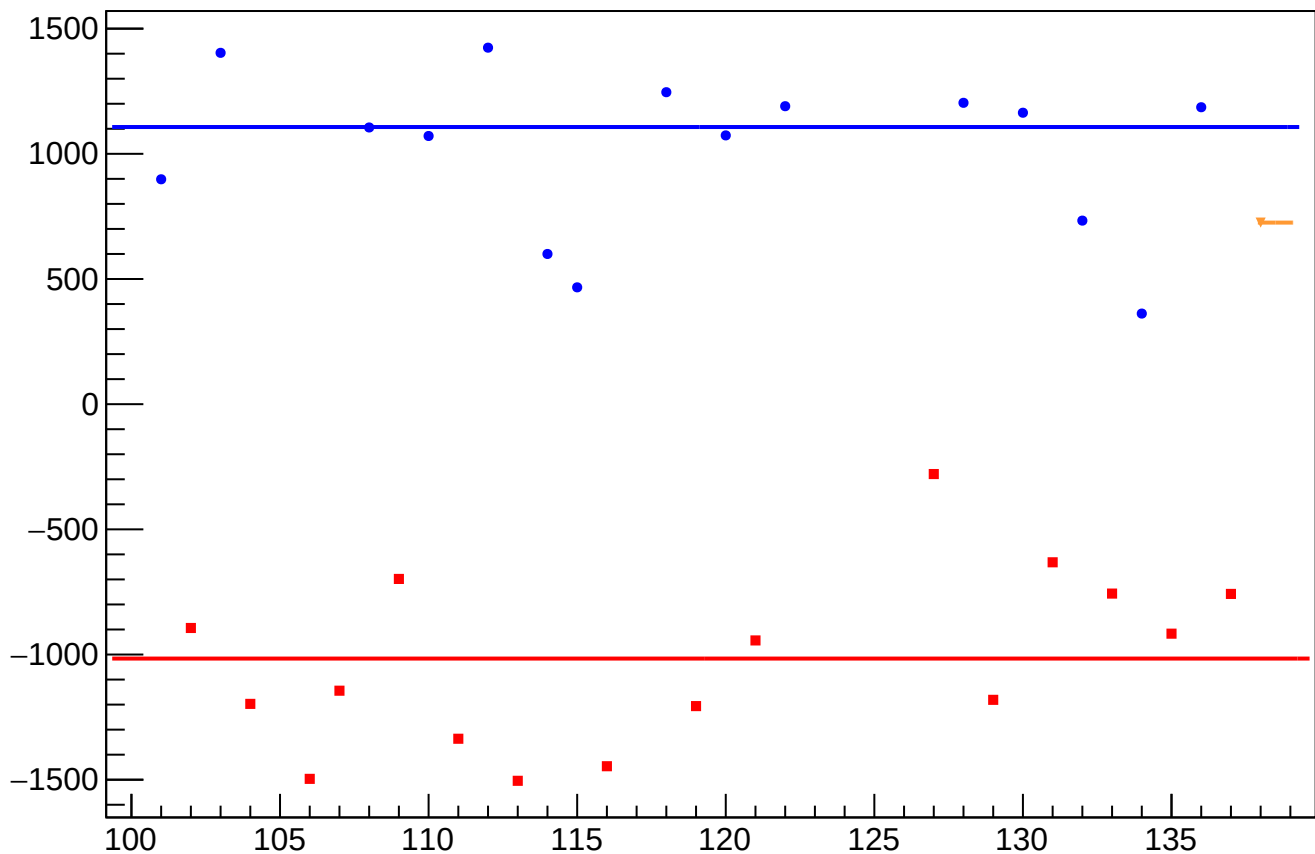
Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: 0.413+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.268+/-0.000 χ^2/NDF : 5214580612853

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



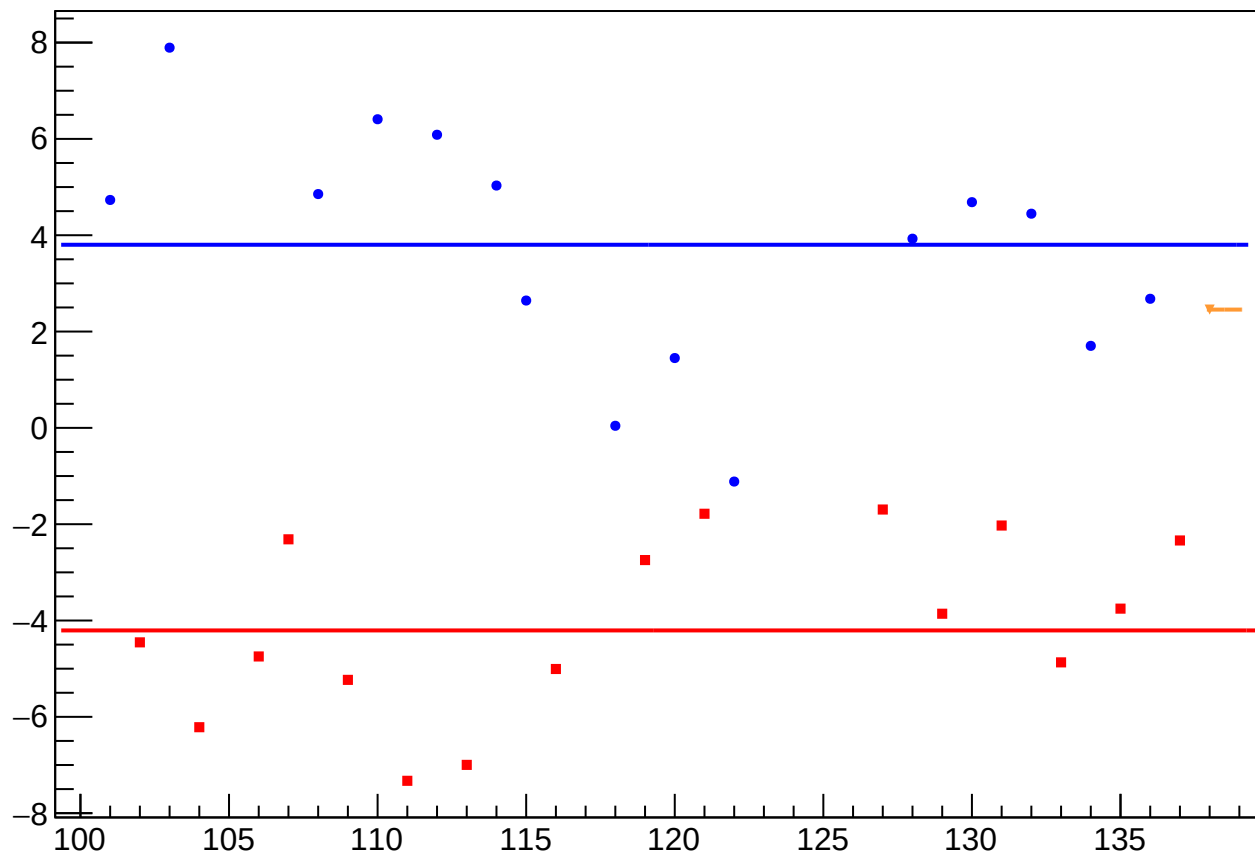
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 4.634 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 4.495 $\pm$ 0.000 χ^2 /NDF:2742240072441097531500728791597056.0/14
 Out: -3.361 $\pm$ 0.000 χ^2 /NDF:75806842240510176
 All: 0.297 $\pm$ 0.000 χ^2 /NDF: 31728049989662

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



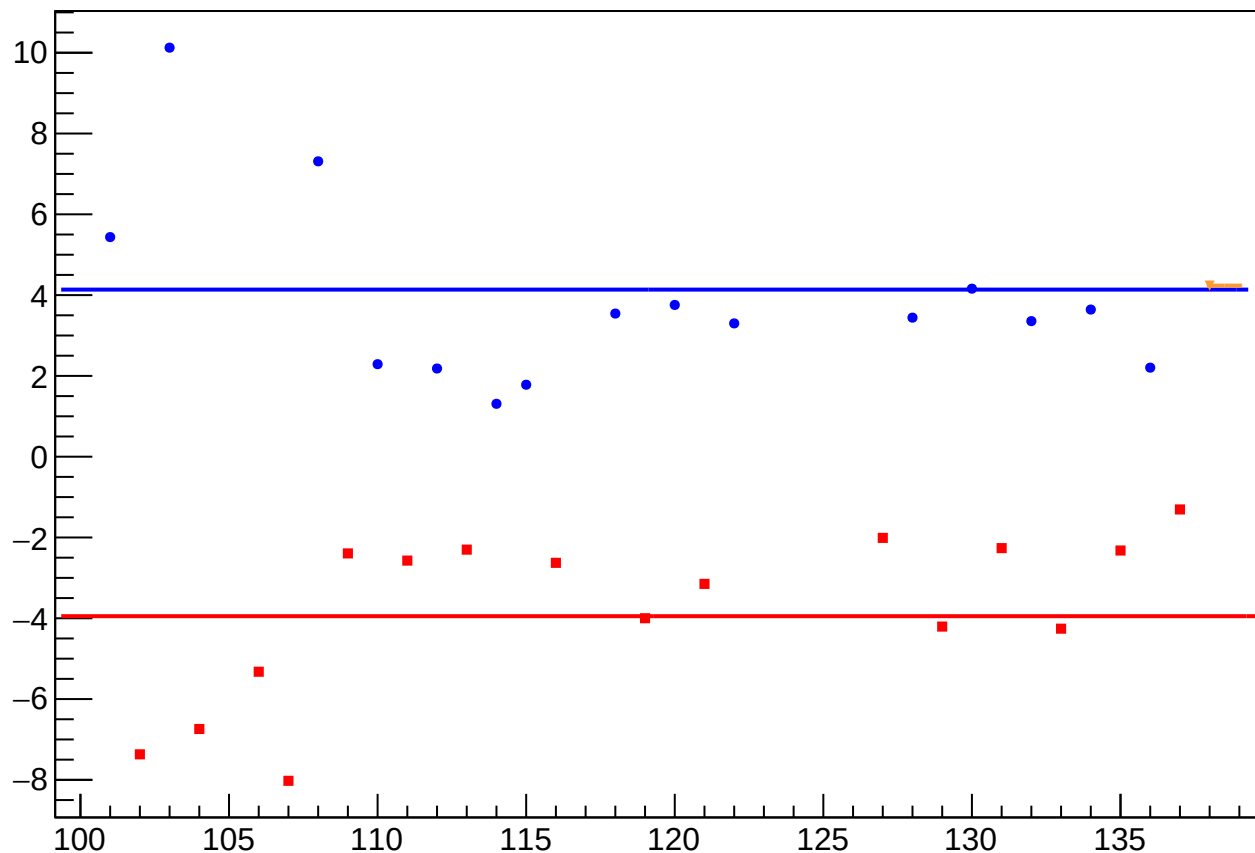
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_4eX_coil4_mean vs Slug, Sign Corrected



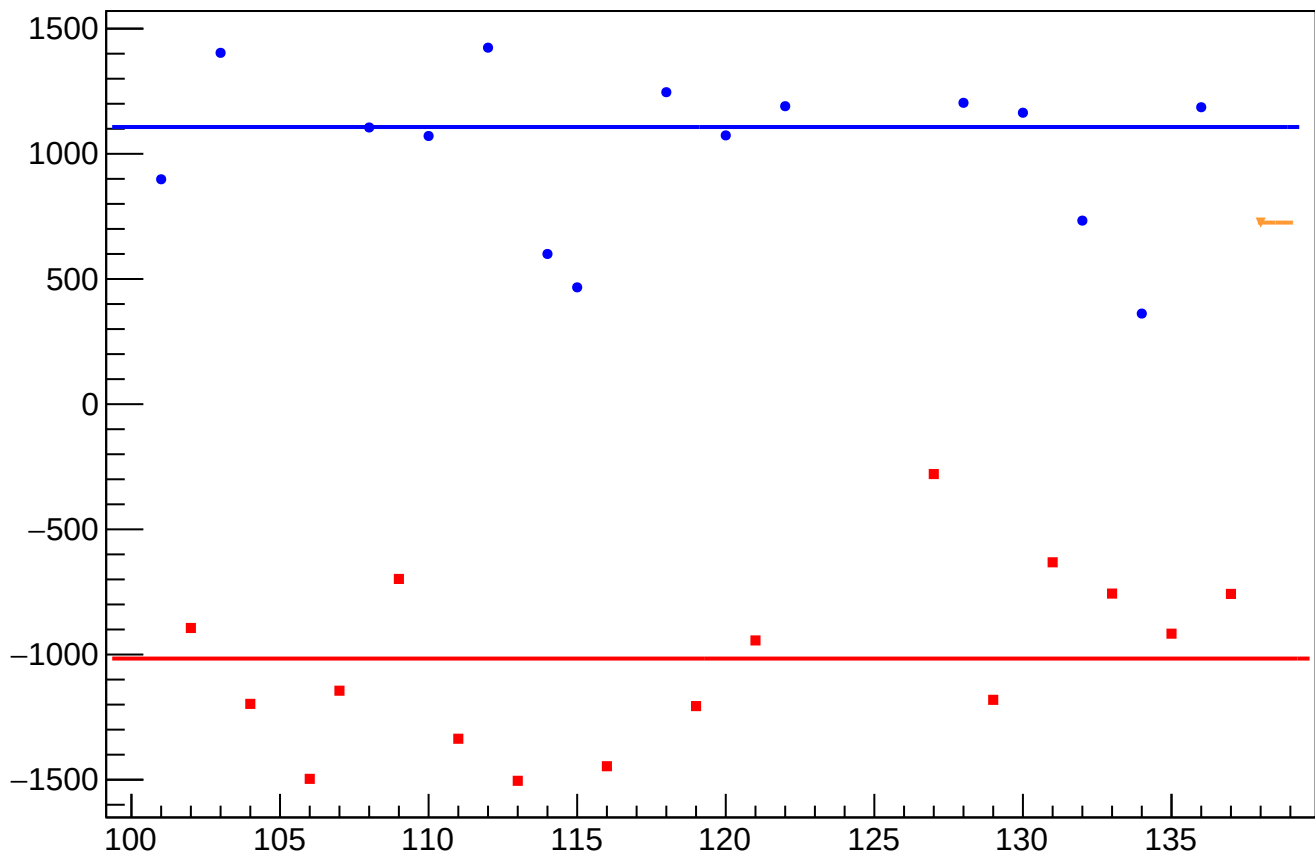
Right In: 3.802+/-0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 2.456+/-0.000 χ^2/NDF :15.4/0
 Right Out: -4.206+/-0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.105+/-0.000 χ^2/NDF : 2752621997175

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



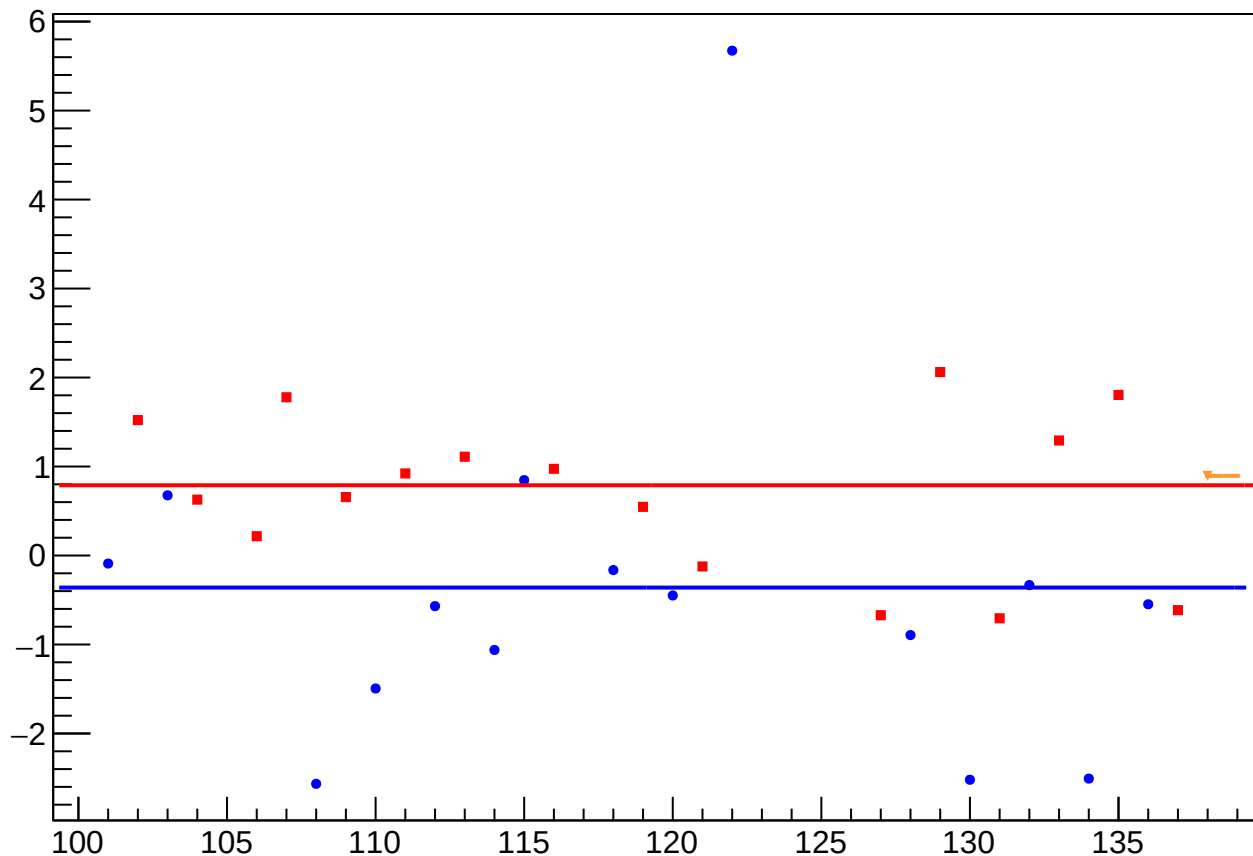
Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.235+/-0.000 χ^2/NDF : 61.5/0
 Right Out: -3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Out: -3.092+/-0.000 χ^2/NDF : 73469254175459147
 All: 0.274+/-0.000 χ^2/NDF : 28975201489106

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



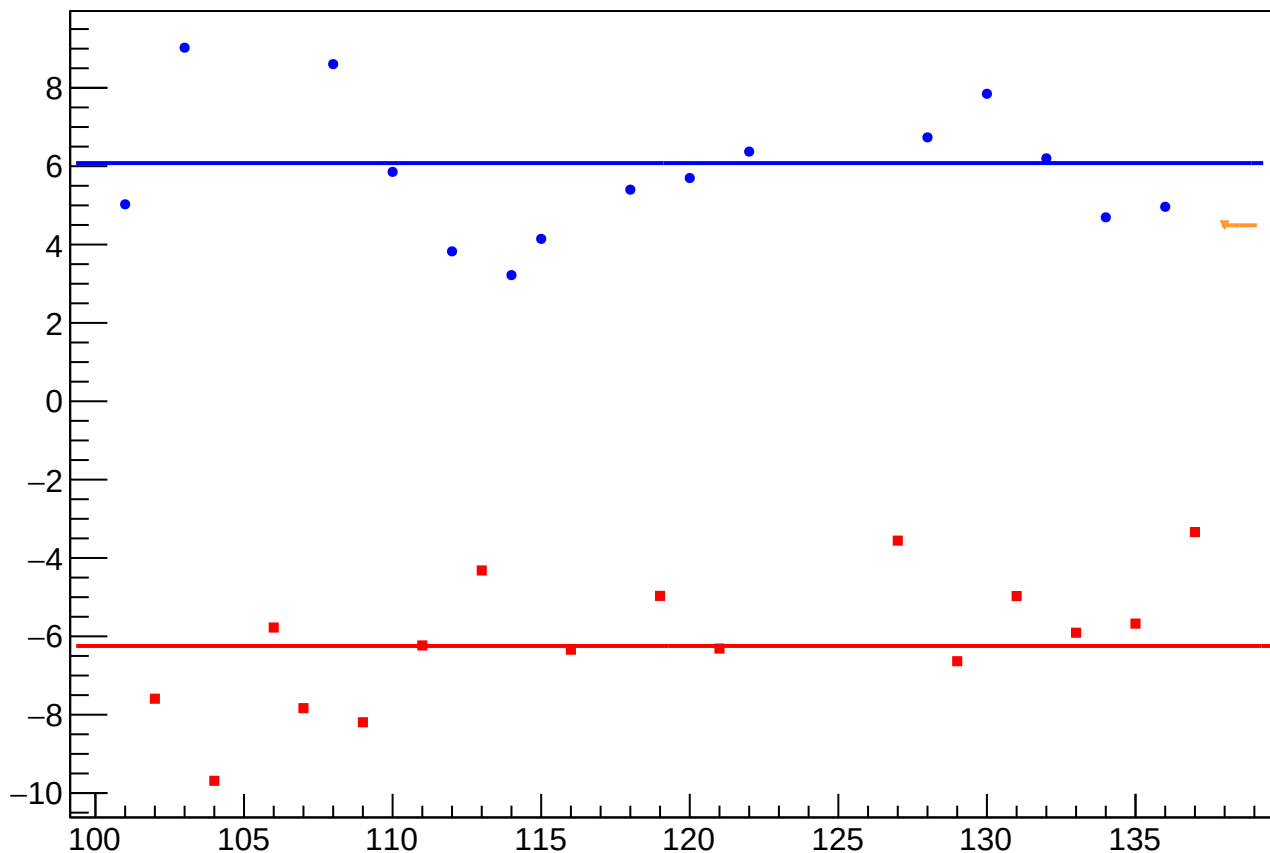
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: -0.360 ± 0.000 $\chi^2/\text{NDF}: 2180256348790896849346212178952192.0/14$
 Left Out: 0.895 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.790 ± 0.000 $\chi^2/\text{NDF}: 463078369073343959803422903894016.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.360 ± 0.000 $\chi^2/\text{NDF}: 218025634879089684$
 Out: 0.801 ± 0.000 $\chi^2/\text{NDF}: 463854784785745451$
 All: 0.260 ± 0.000 $\chi^2/\text{NDF}: 31115166037325$

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Left: 4.492+/-0.000 χ^2/NDF : 61.5/0

Right: -0.167+/-0.000 χ^2/NDF : 5337277361381866

In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Out: -5.121+/-0.000 χ^2/NDF : 98681273198964135

All: 0.093+/-0.000 χ^2/NDF : 54971493990268

Right In: 6.079+/-0.000

χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 4.492+/-0.000

χ^2/NDF : 61.5/0

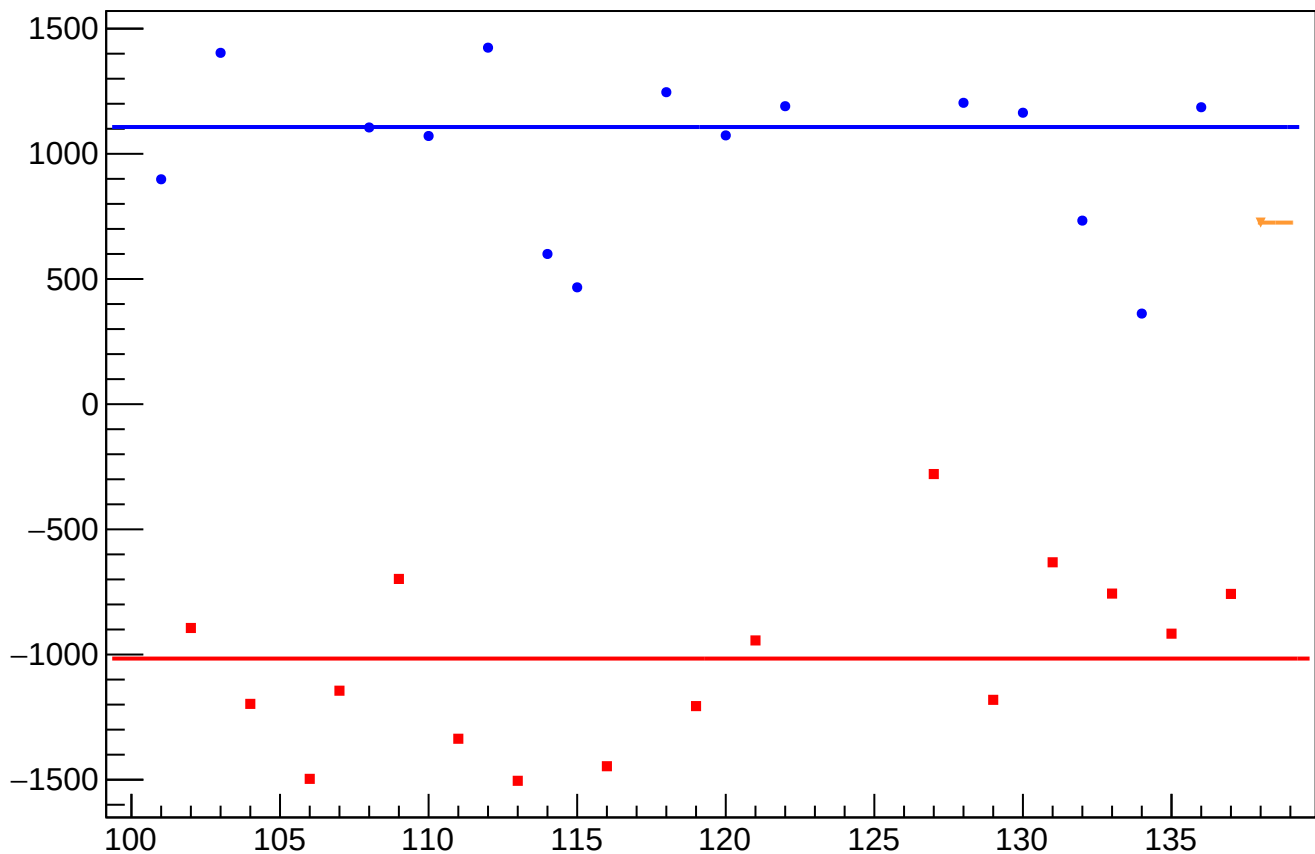
Right Out: -6.245+/-0.000

χ^2/NDF : 1816529163105006938510976985595904.0/15

Left In: 0.000+/-0.000

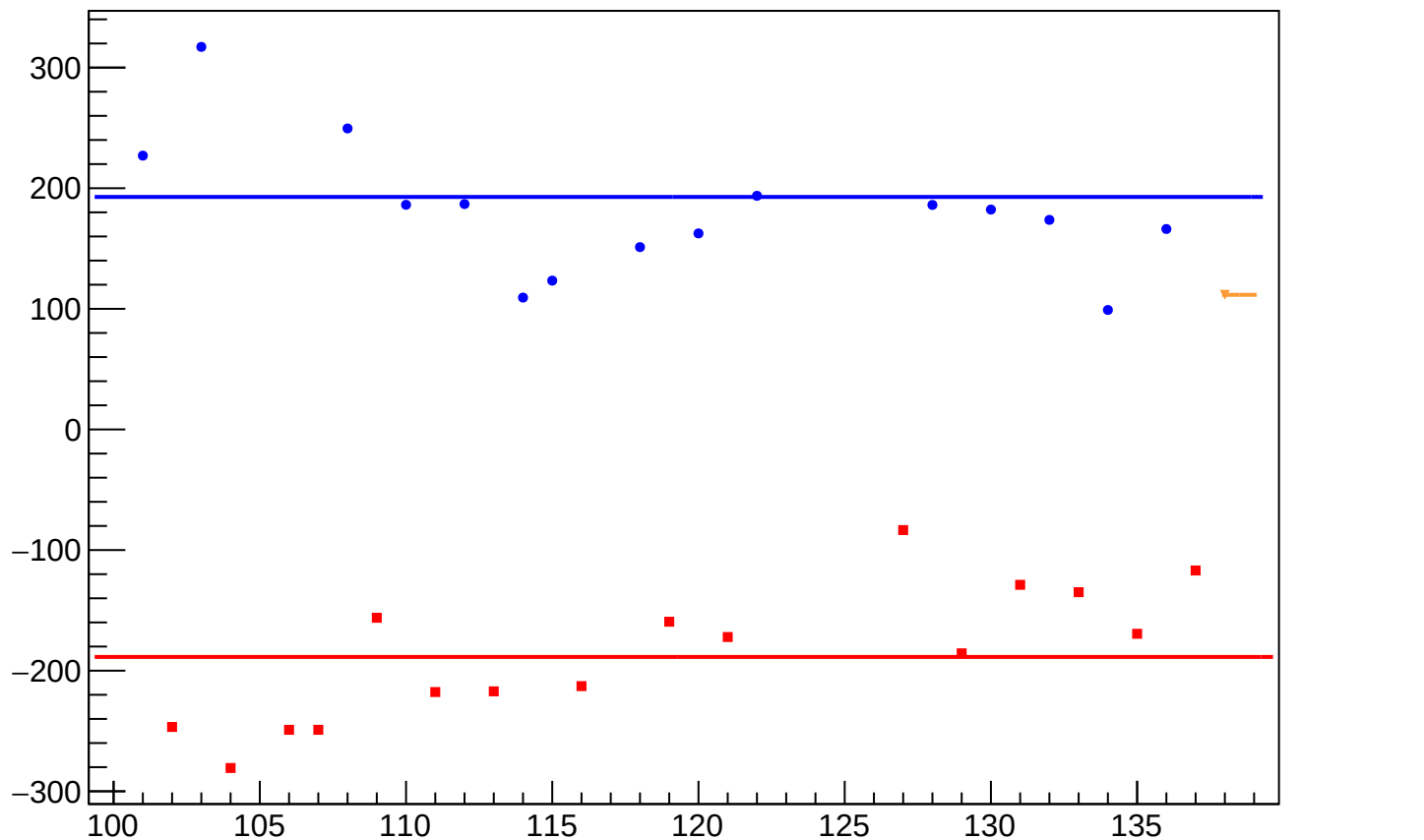
χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



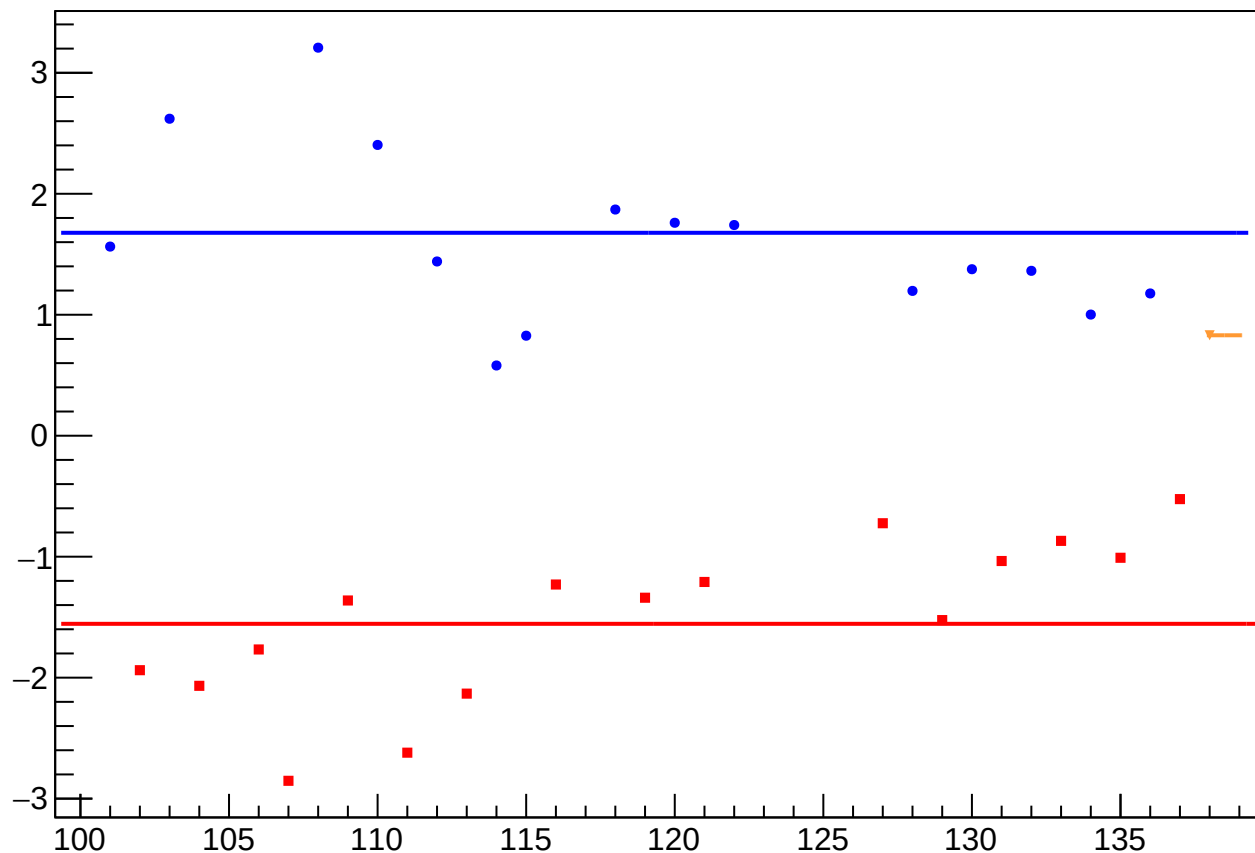
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 1631490568808

dit_4aY_coil4_mean vs Slug, Sign Corrected



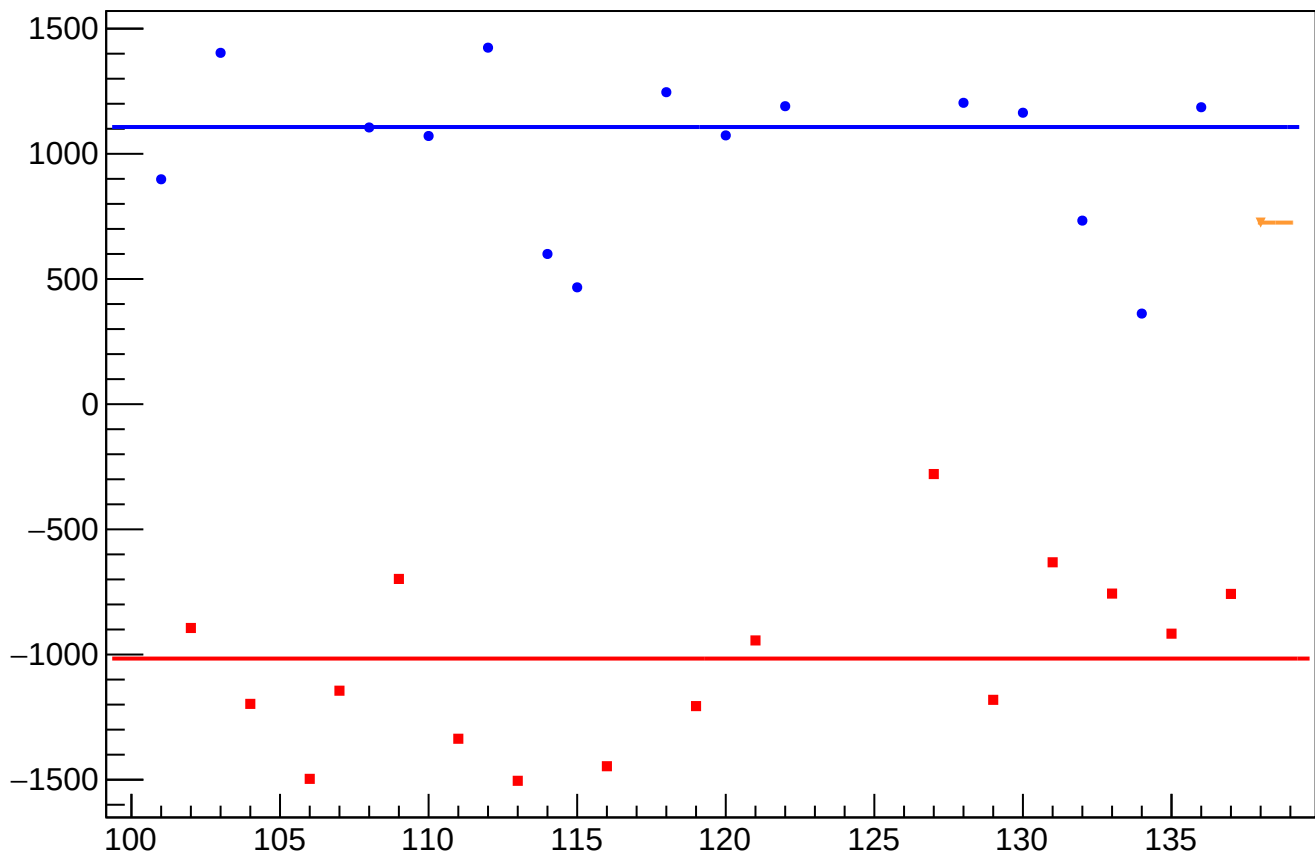
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14
 Left Out: 111.610+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14
 Out: -157.179+/-0.000 χ^2/NDF : 821667347374322.0/14
 All: 5.746+/-0.000 χ^2/NDF : 52333927374086.0/14

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



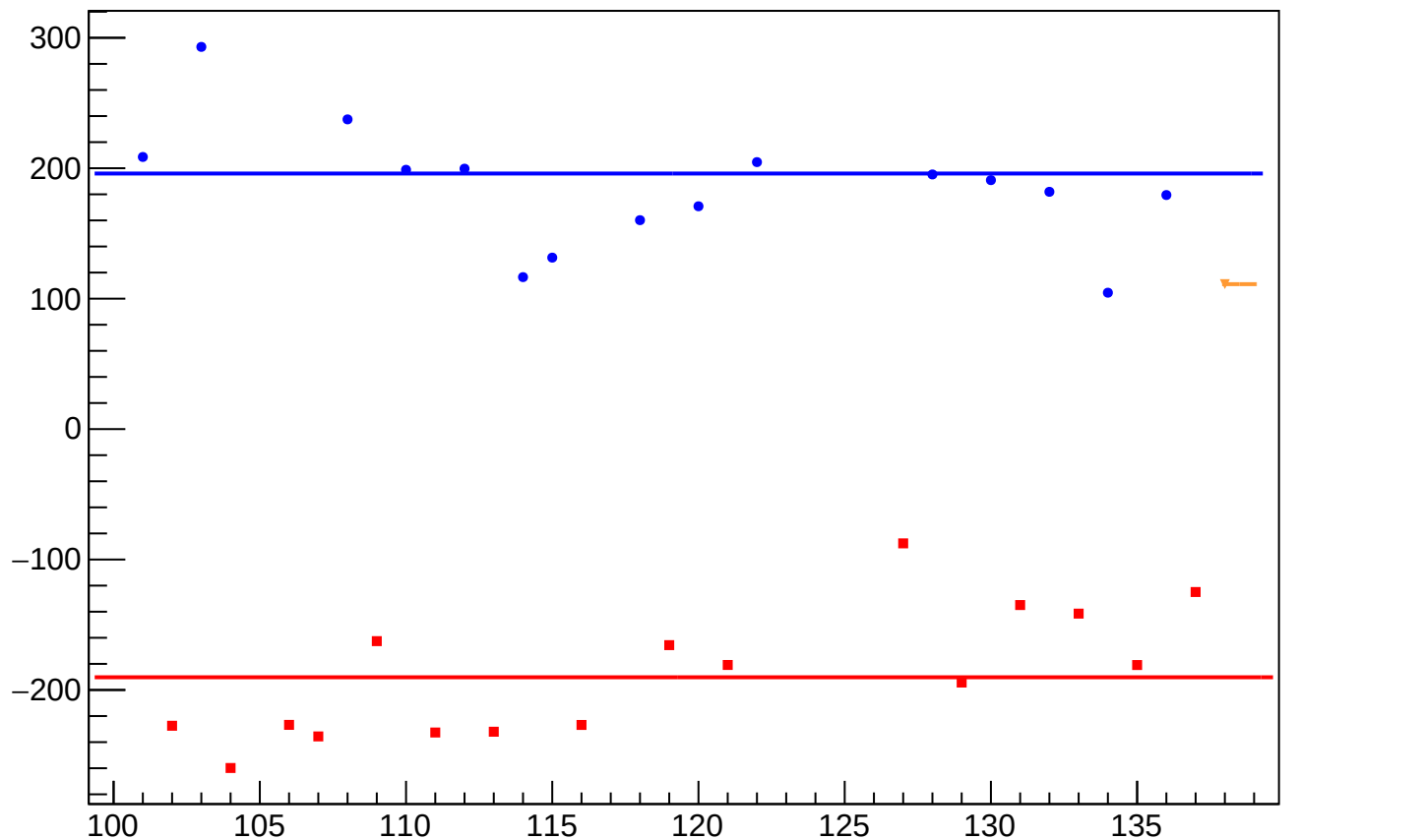
Right In: 1.677+/-0.000 χ^2/NDF : 241879924044788593292791559225344.0/14
 Left Out: 0.830+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.555+/-0.000 χ^2/NDF : 255645951433890296827677195108352.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.083+/-0.000 χ^2/NDF : 39805582151105

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



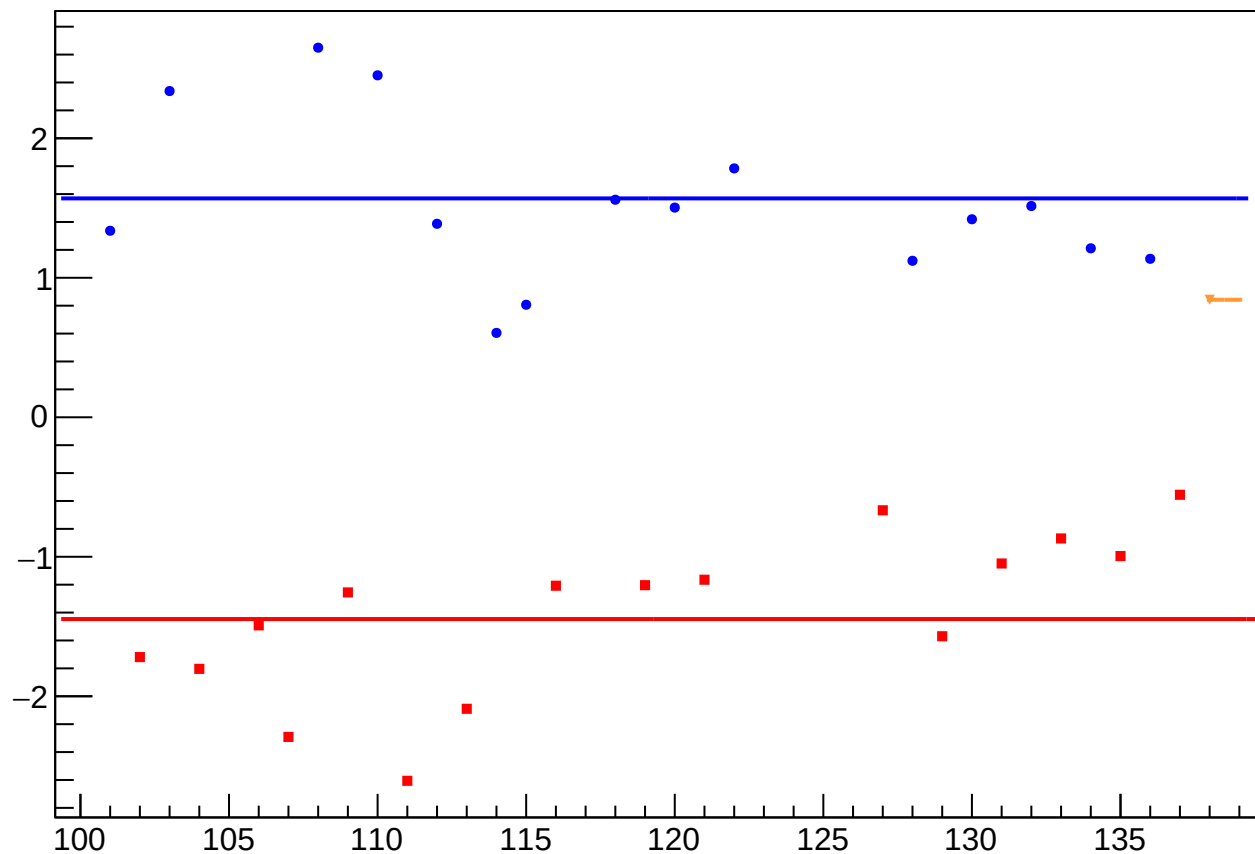
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_4eY_coil4_mean vs Slug, Sign Corrected



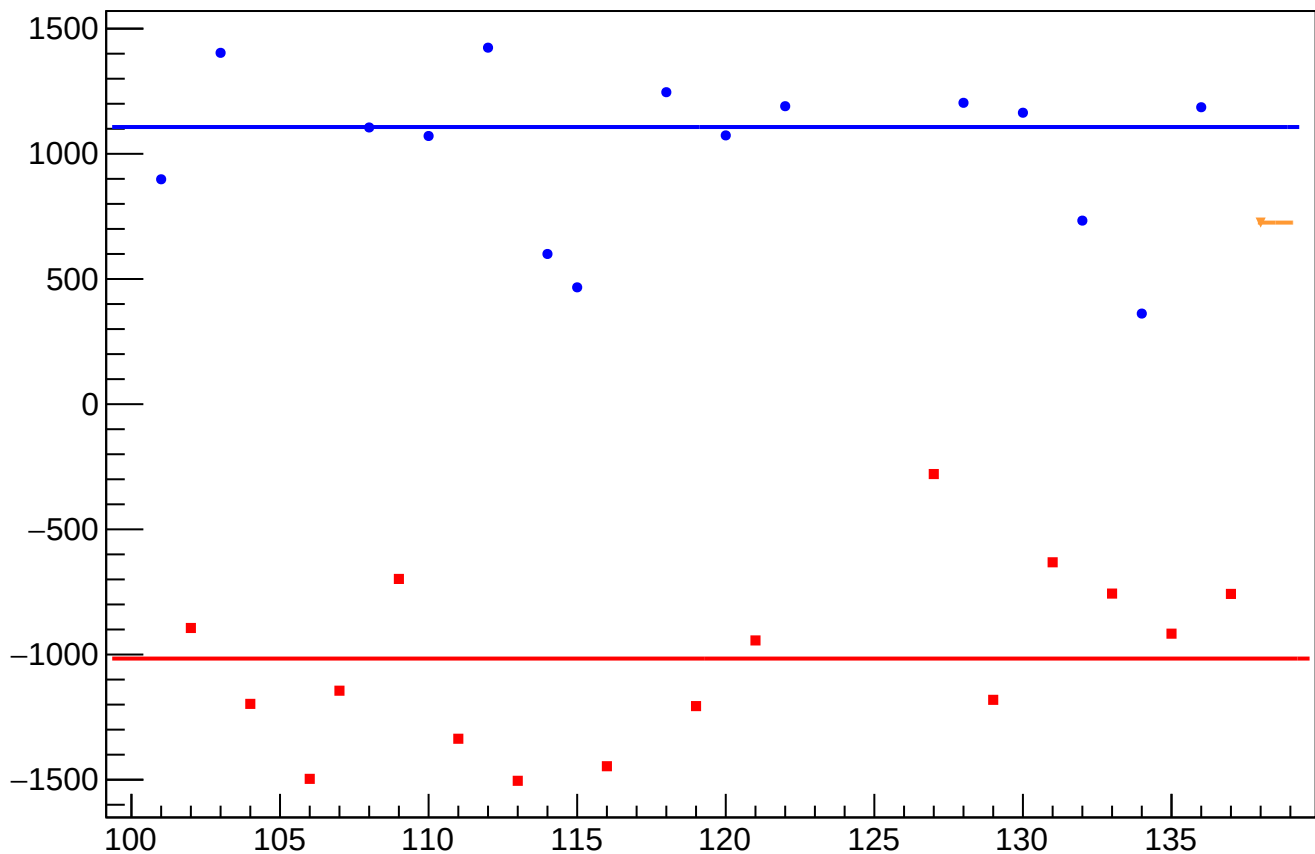
Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14
 Left Out: 111.131+/-0.000 χ^2/NDF : 15752.0/0
 Right Out: -190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14
 Out: -158.712+/-0.000 χ^2/NDF : 781224587811312
 All: 6.402+/-0.000 χ^2/NDF : 52495947347730

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



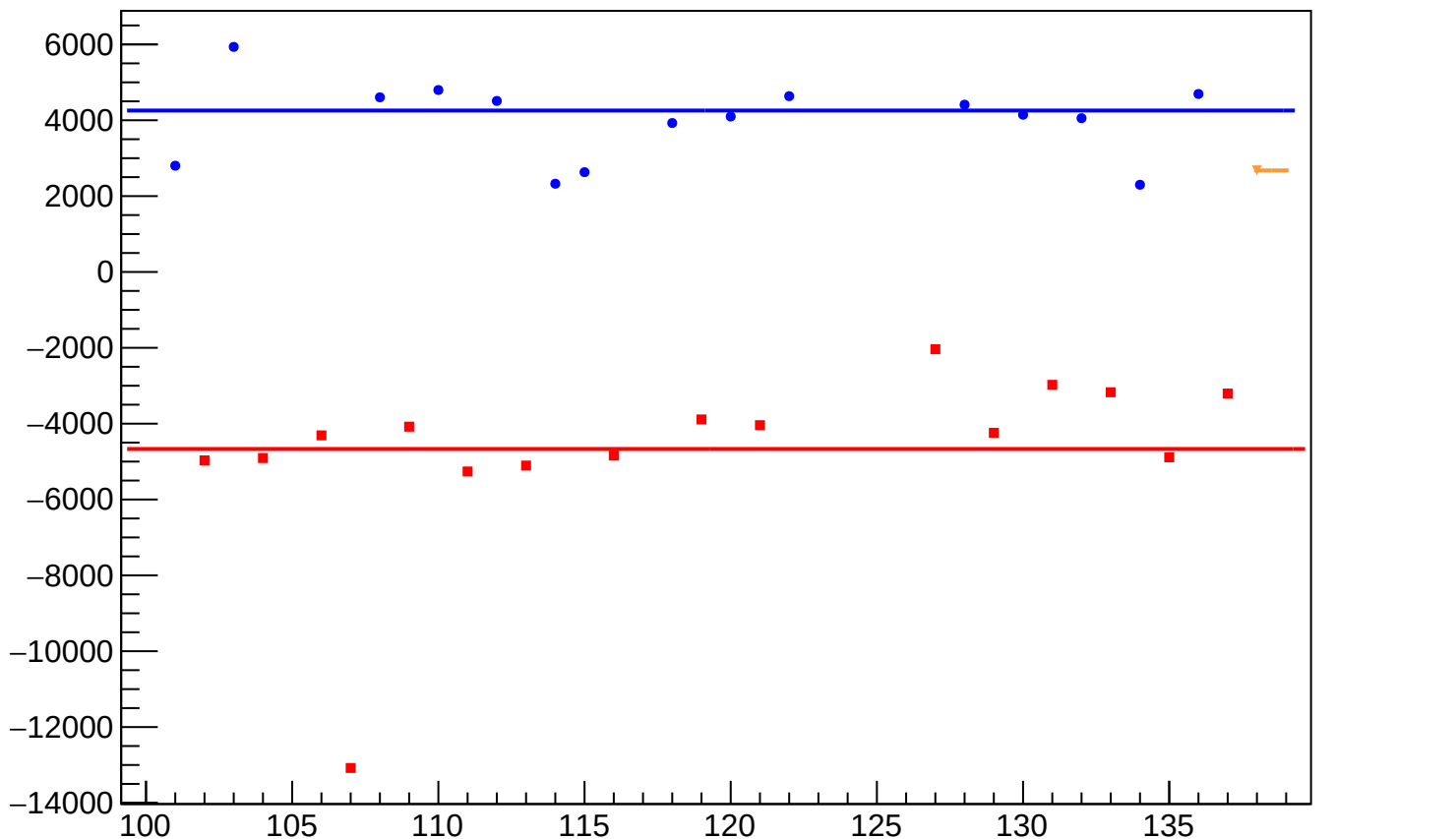
Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14
 Left Out: 0.842 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 1.569 $\pm$ 0.000 χ^2 /NDF:162849195668123380789610540957696.0/14
 Out: -1.207 $\pm$ 0.000 χ^2 /NDF:56206375462202088
 All: 0.086 $\pm$ 0.000 χ^2 /NDF: 33972407901098

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



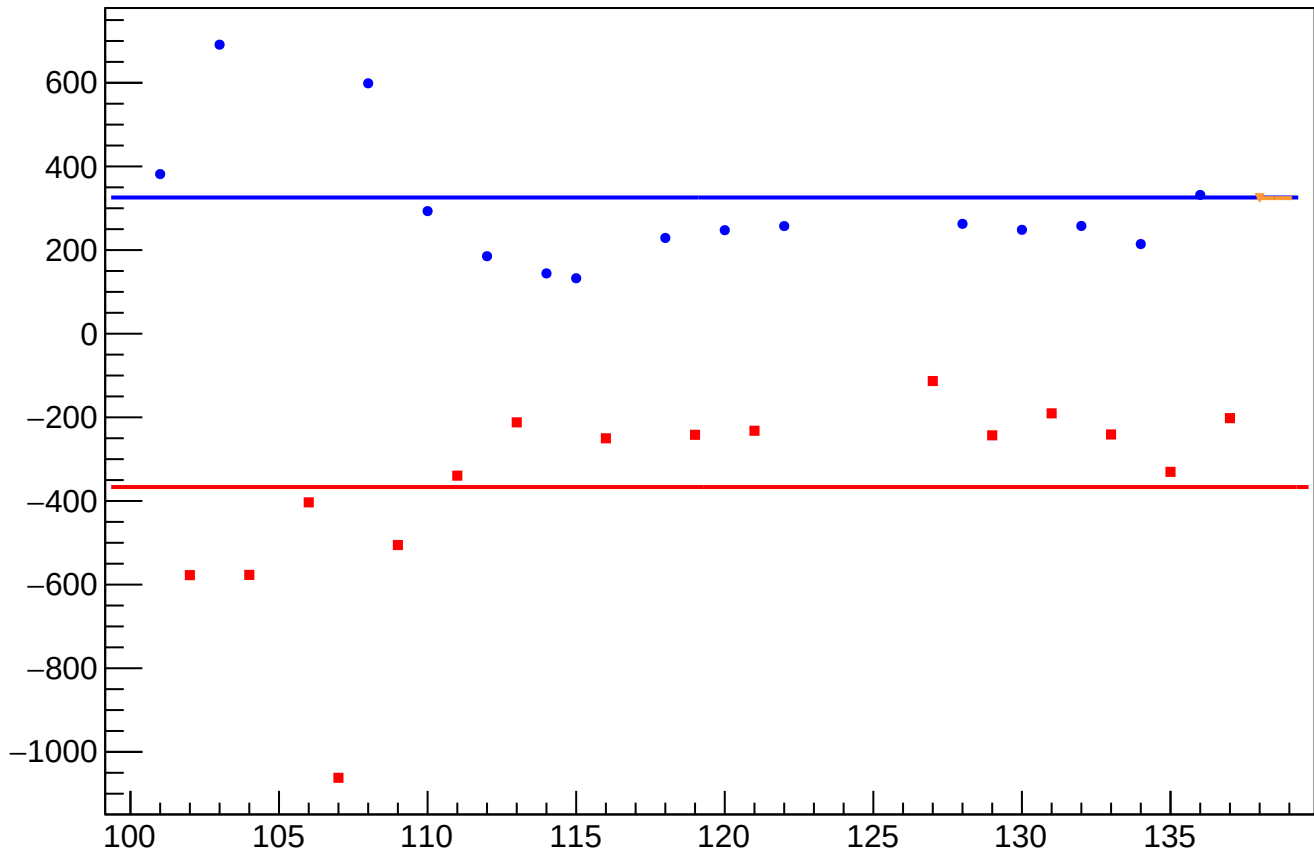
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_usl_coil4_mean vs Slug, Sign Corrected



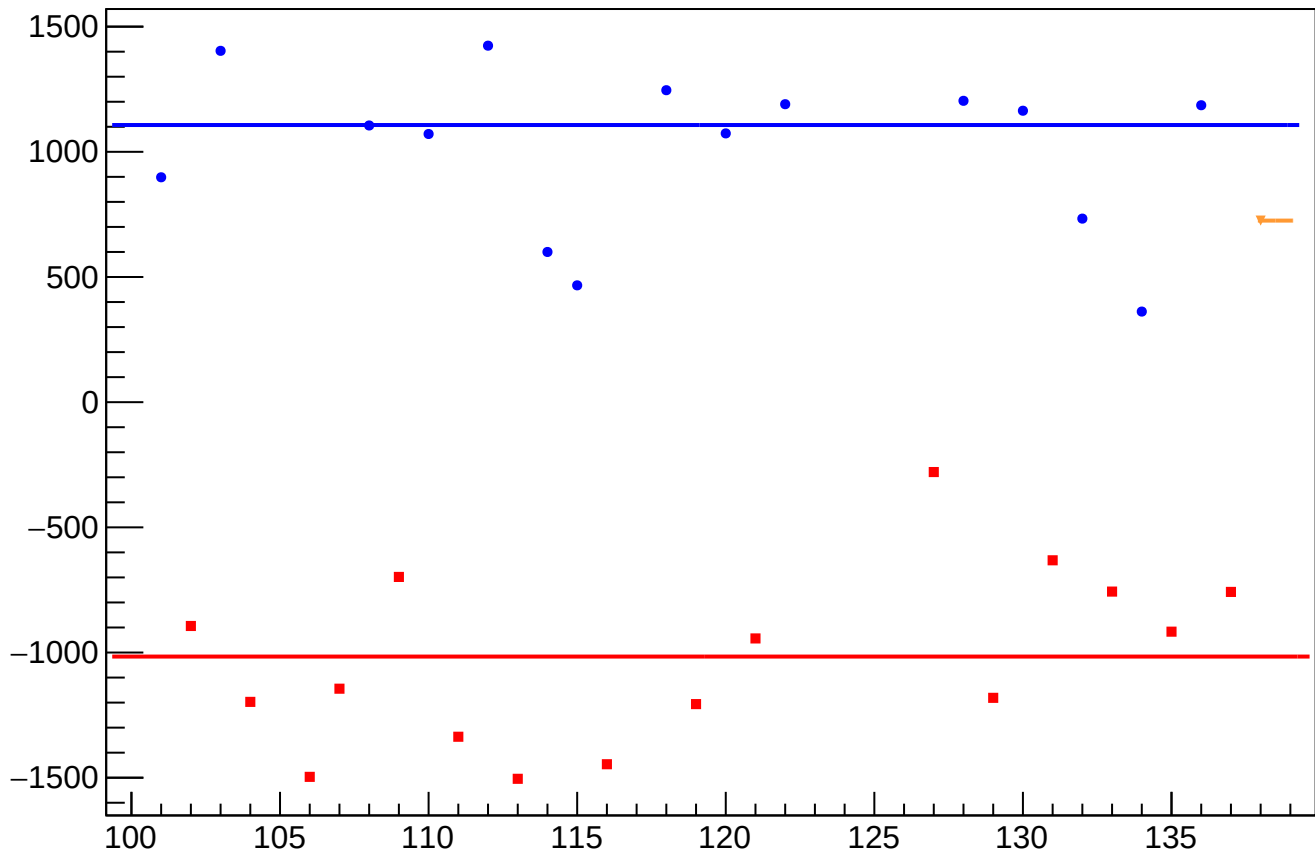
Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 2678.490+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Out: -3898.687+/-0.000 χ^2/NDF : 69707341405590
 All: -101.956+/-0.000 χ^2/NDF : 30536486977

dit_usl_coil4_err_mean vs Slug, Sign Corrected



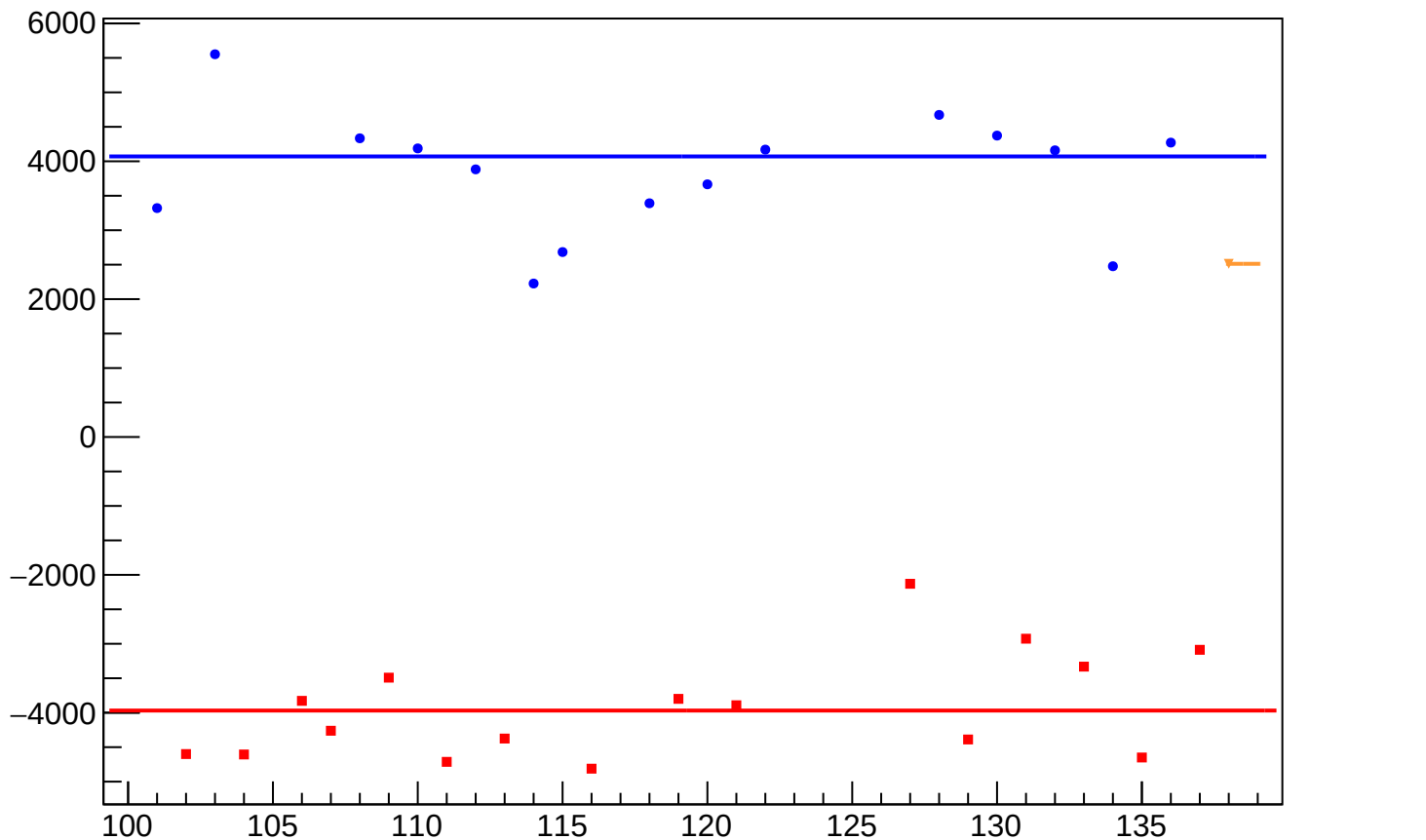
Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14
 Left Out: 324.211+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.659+/-0.000 χ^2/NDF : 2134266229455

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



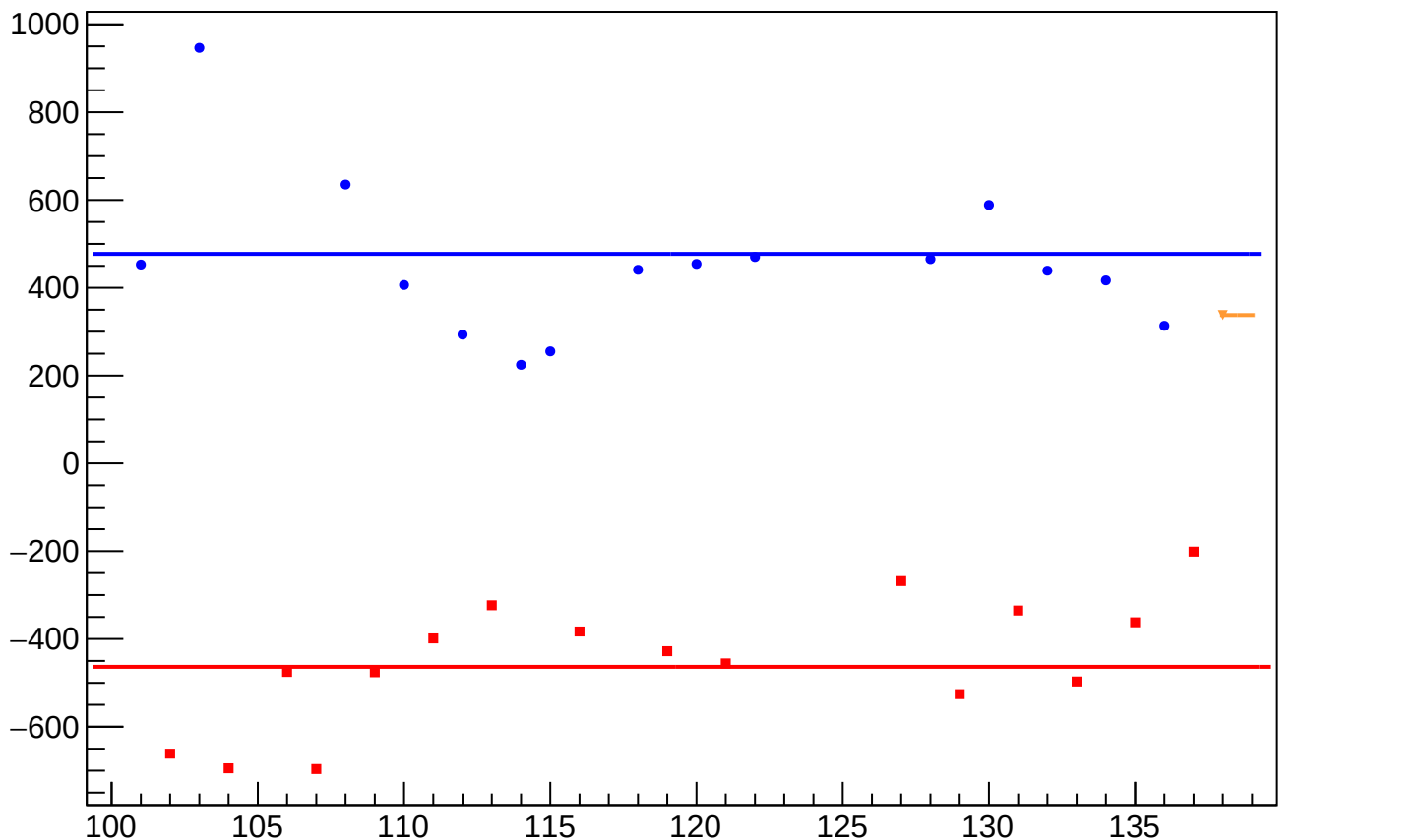
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 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 1631490568808

dit_usr_coil4_mean vs Slug, Sign Corrected



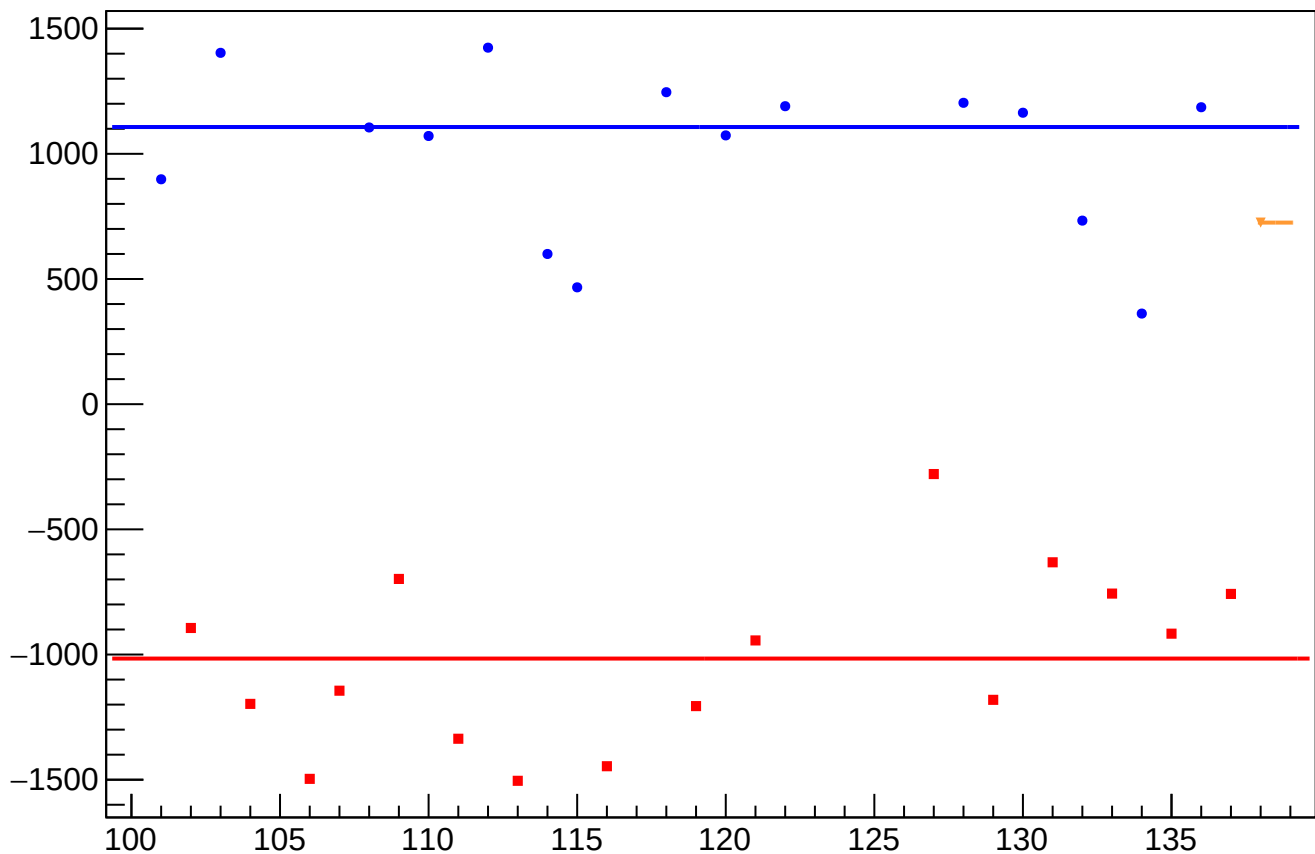
Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 2512.394+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 136.691+/-0.000 χ^2/NDF : 224282576126

dit_usr_coil4_err_mean vs Slug, Sign Corrected



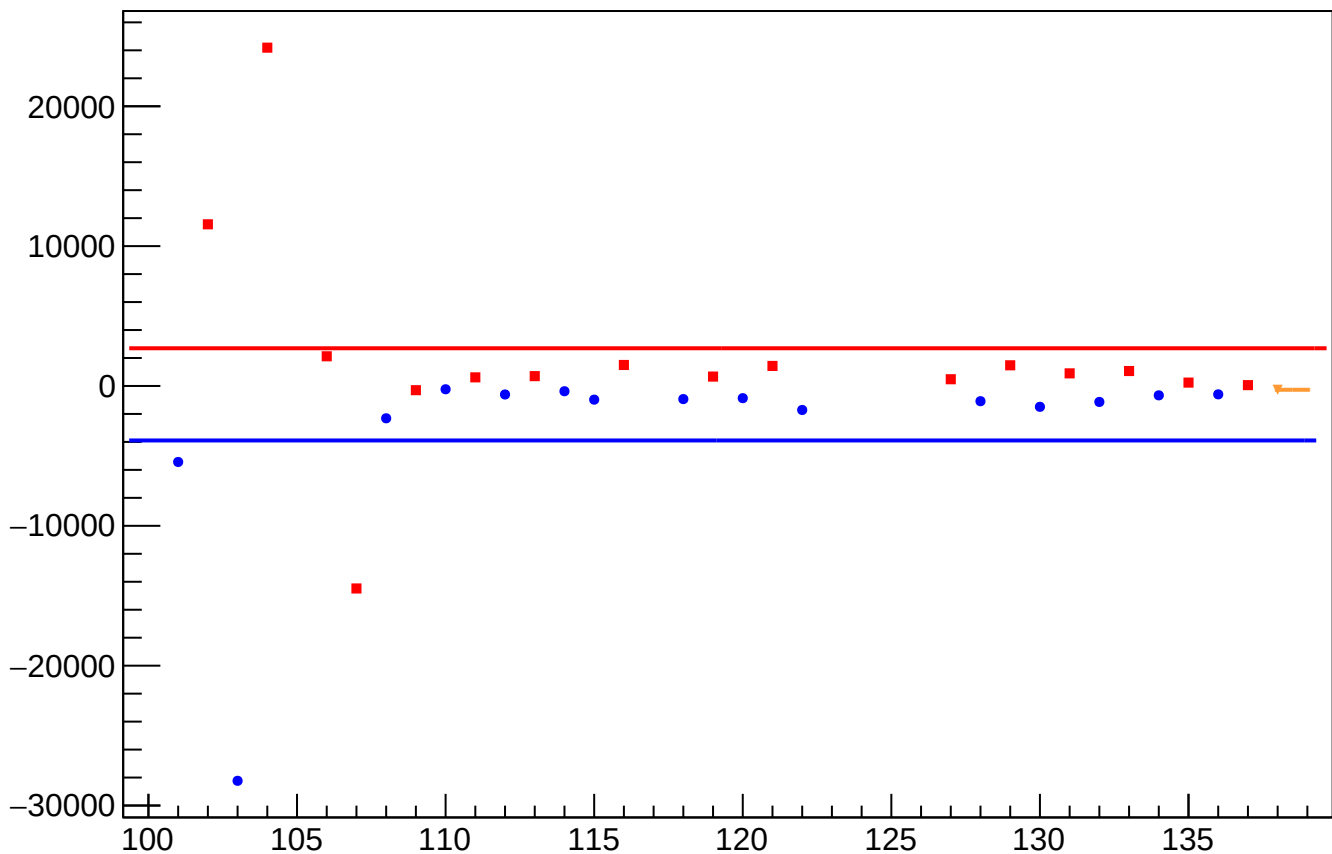
Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14
 Left Out: 337.855+/-0.000 χ^2/NDF : 252031.6/0
 Right Out: -463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 19.285+/-0.000 χ^2/NDF : 3324800657758

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



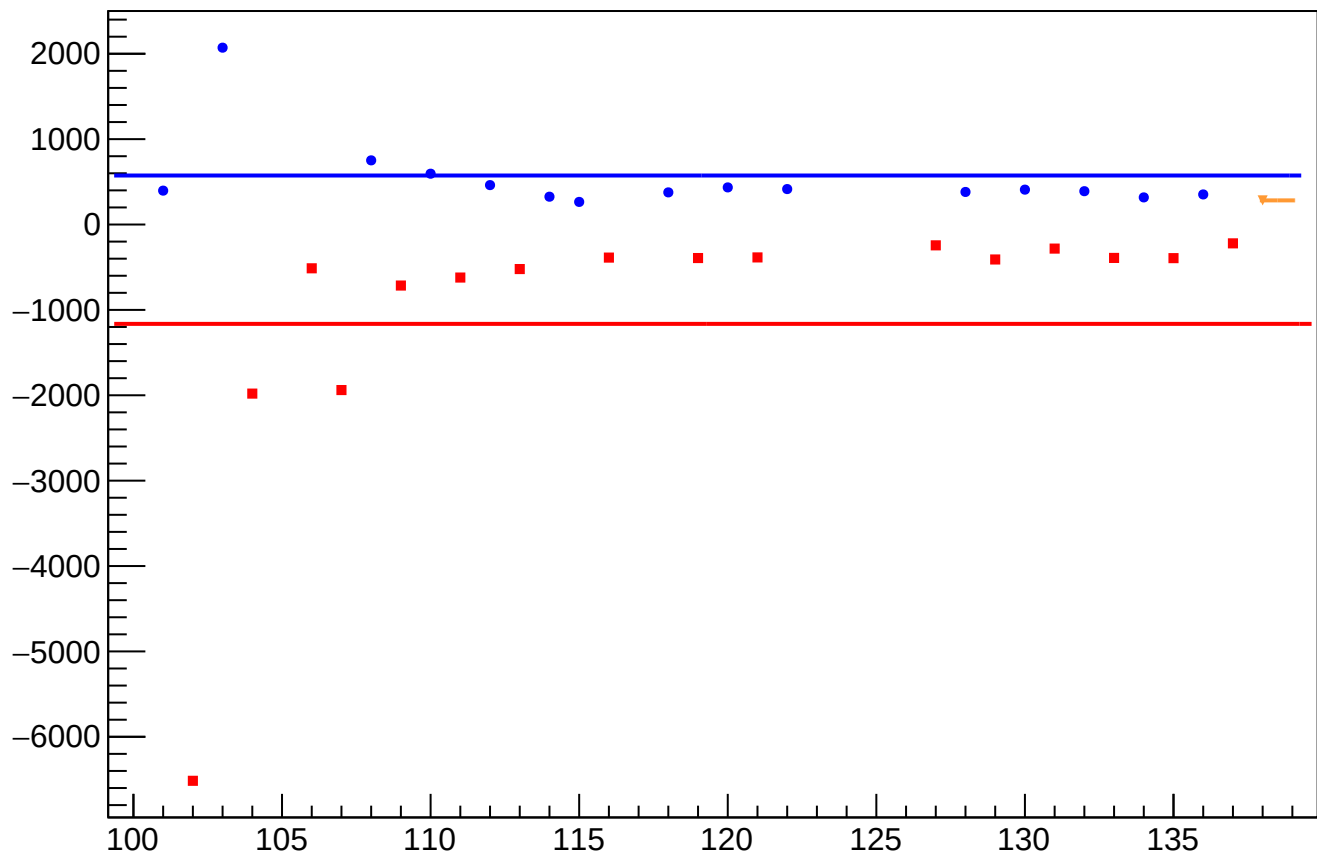
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_atl1_coil4_mean vs Slug, Sign Corrected



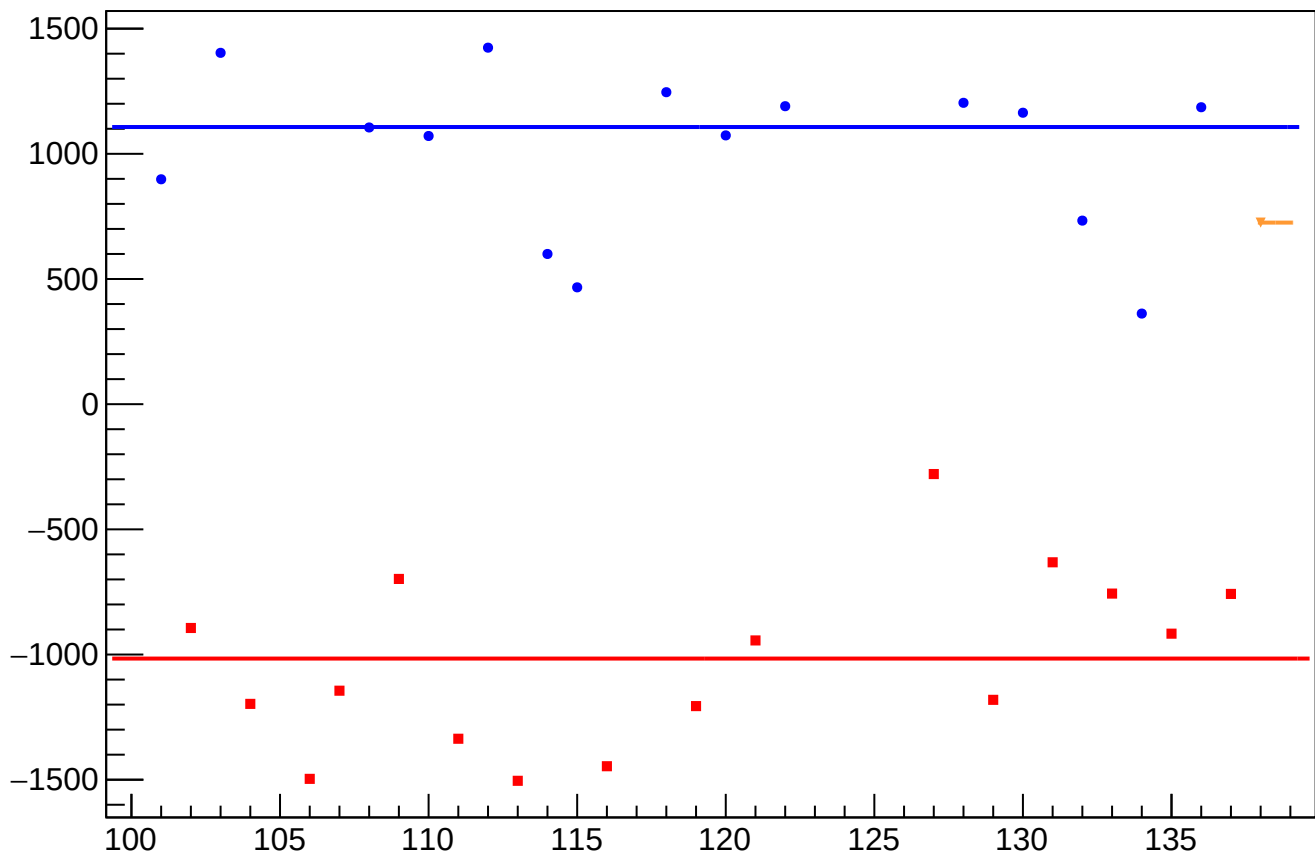
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -271.101+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -539.284+/-0.000 χ^2/NDF : 94743077770

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



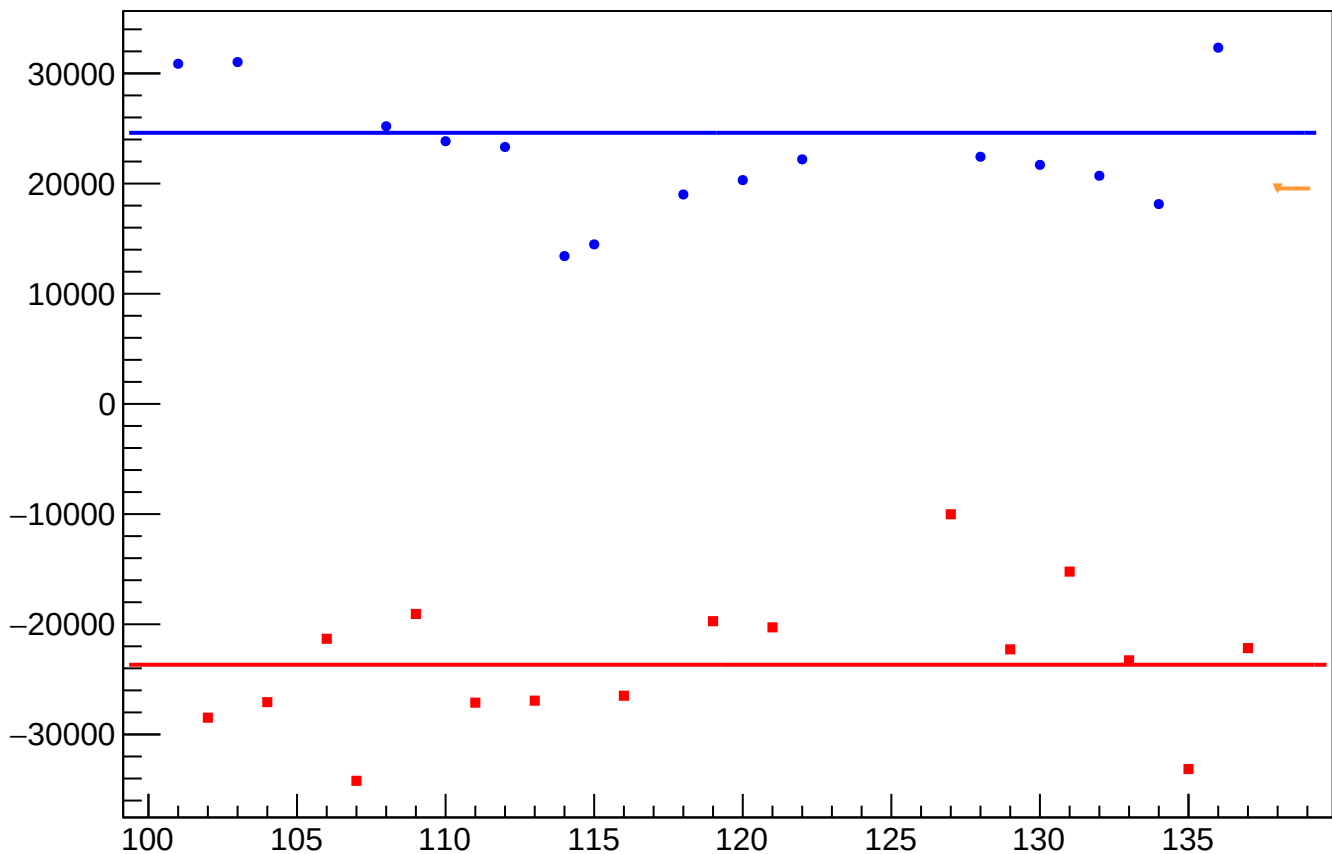
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 282.726+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Out: -1012.259+/-0.000 χ^2/NDF : 21492958706059
 All: -273.724+/-0.000 χ^2/NDF : 31742052957

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 24608.761+/-0.000

χ^2/NDF : 17555600427140701787636759084167268925440.0/14

Left Out: 19555.914+/-0.000

χ^2/NDF : 0.0/0

Right Out: -23673.937+/-0.000

χ^2/NDF : 24824229344827567313624871677295341862912.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 24608.761+/-0.000

χ^2/NDF : 17555600427140701787636759084167268925440.0/14

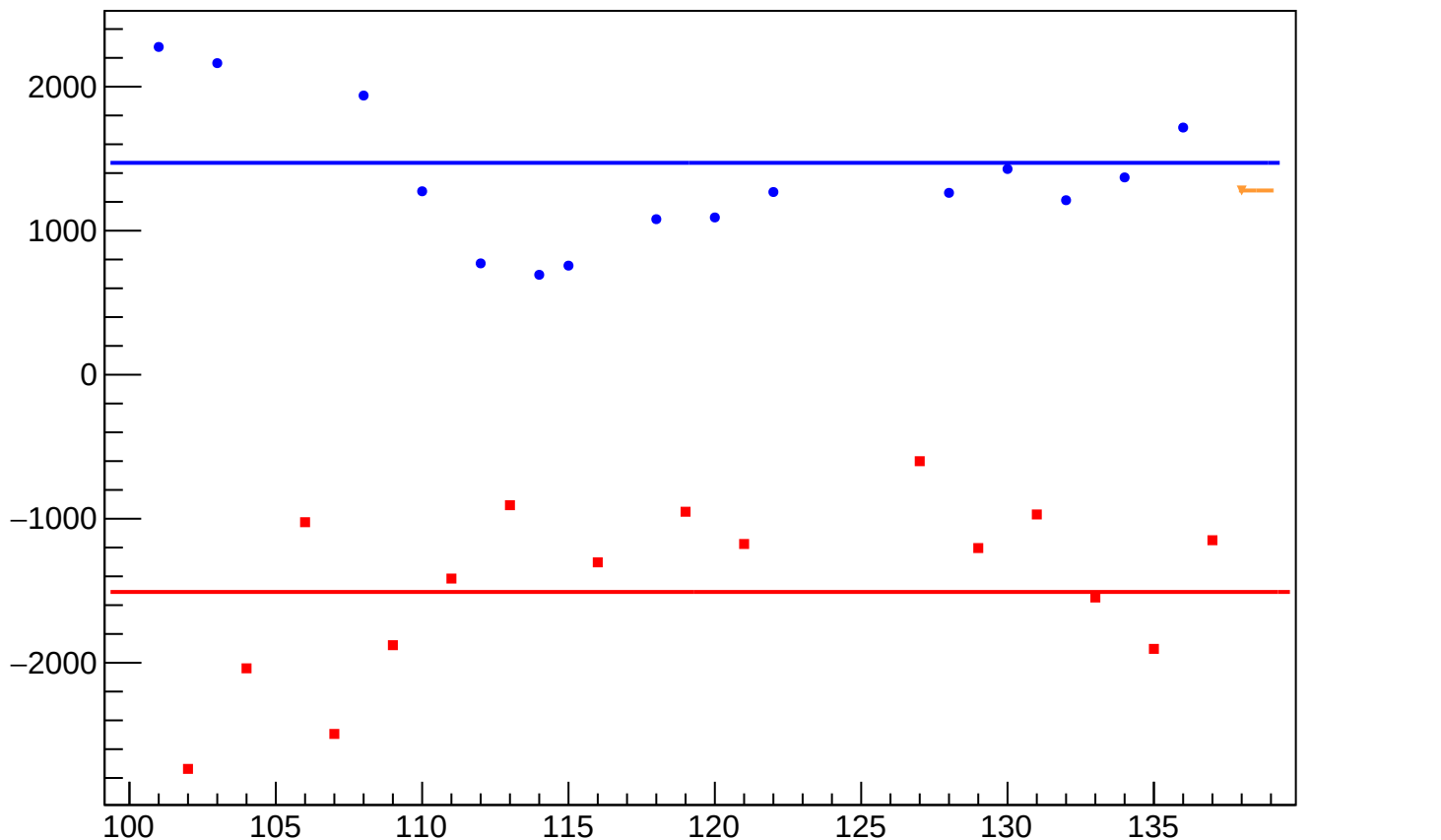
Out: -19147.858+/-0.000

χ^2/NDF : 1553305807301

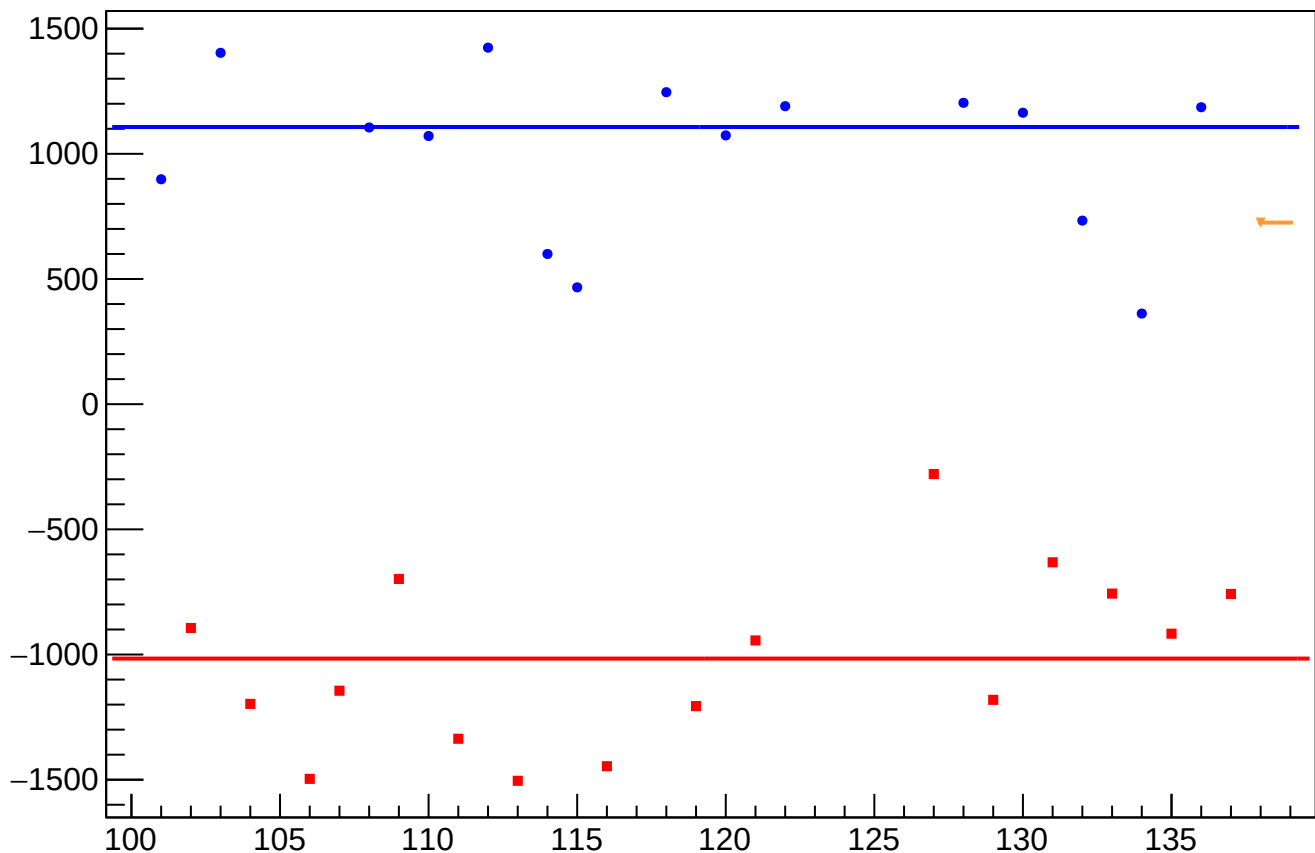
All: 1223.767+/-0.000

χ^2/NDF : 83697430563

dit_atl2_coil4_err_mean vs Slug, Sign Corrected

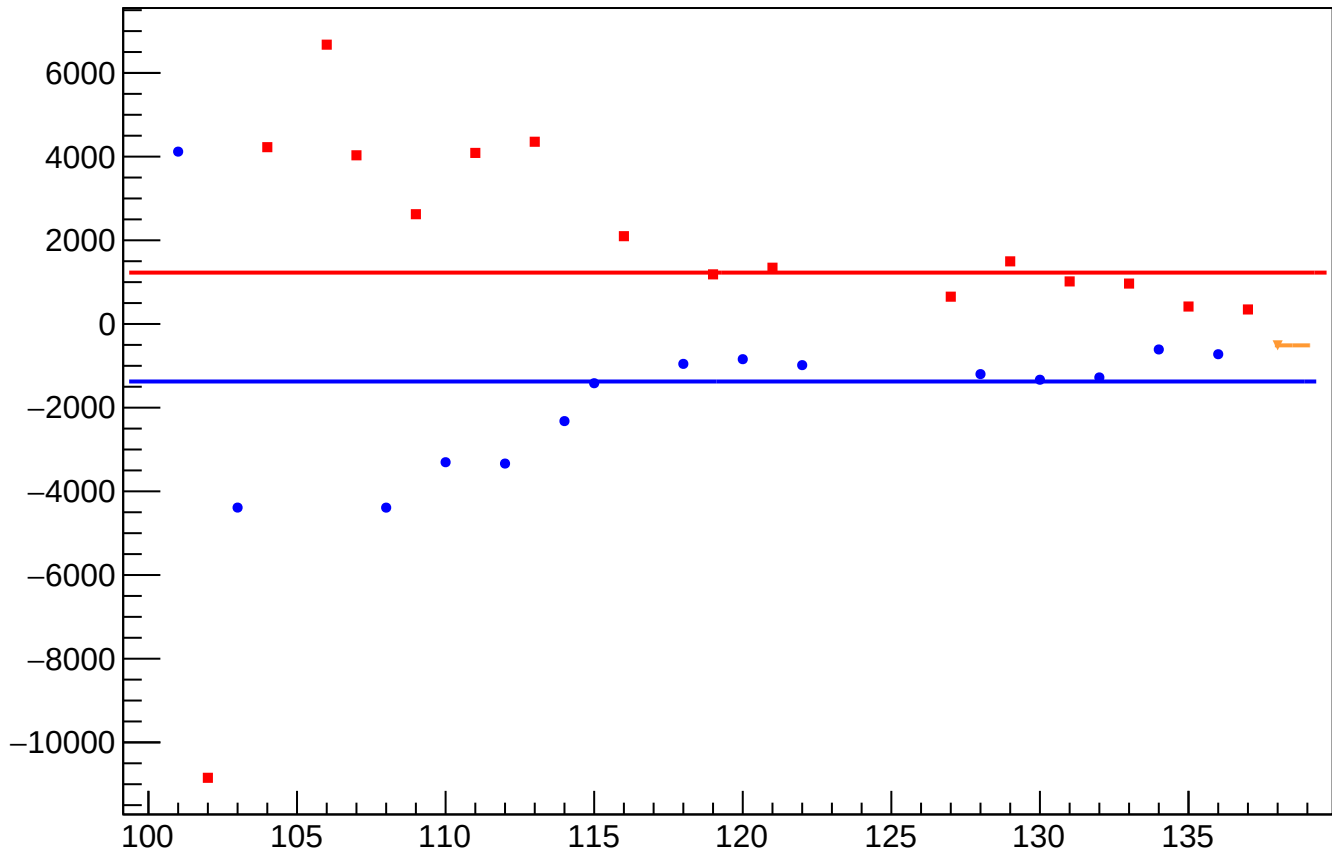


dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



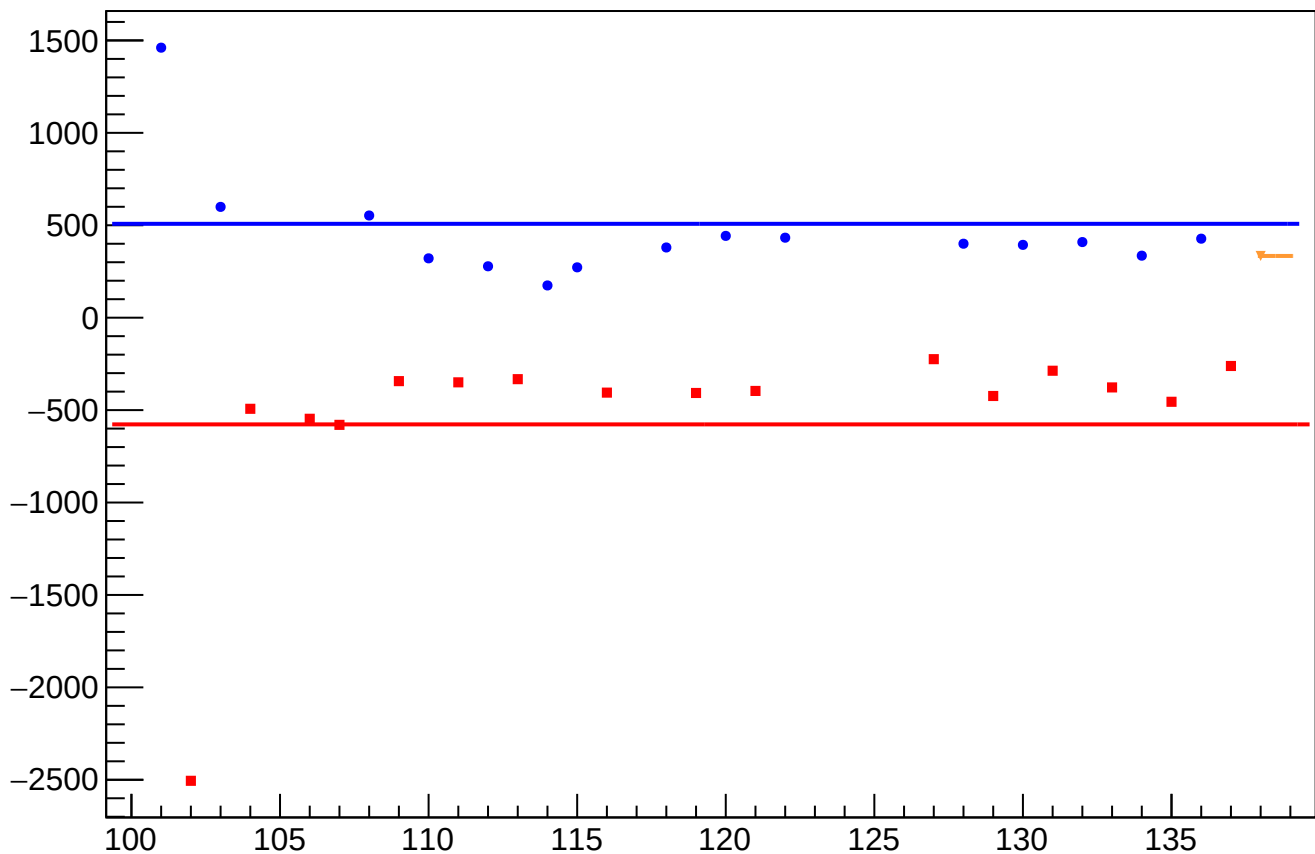
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 1631490568808

dit_atr1_coil4_mean vs Slug, Sign Corrected



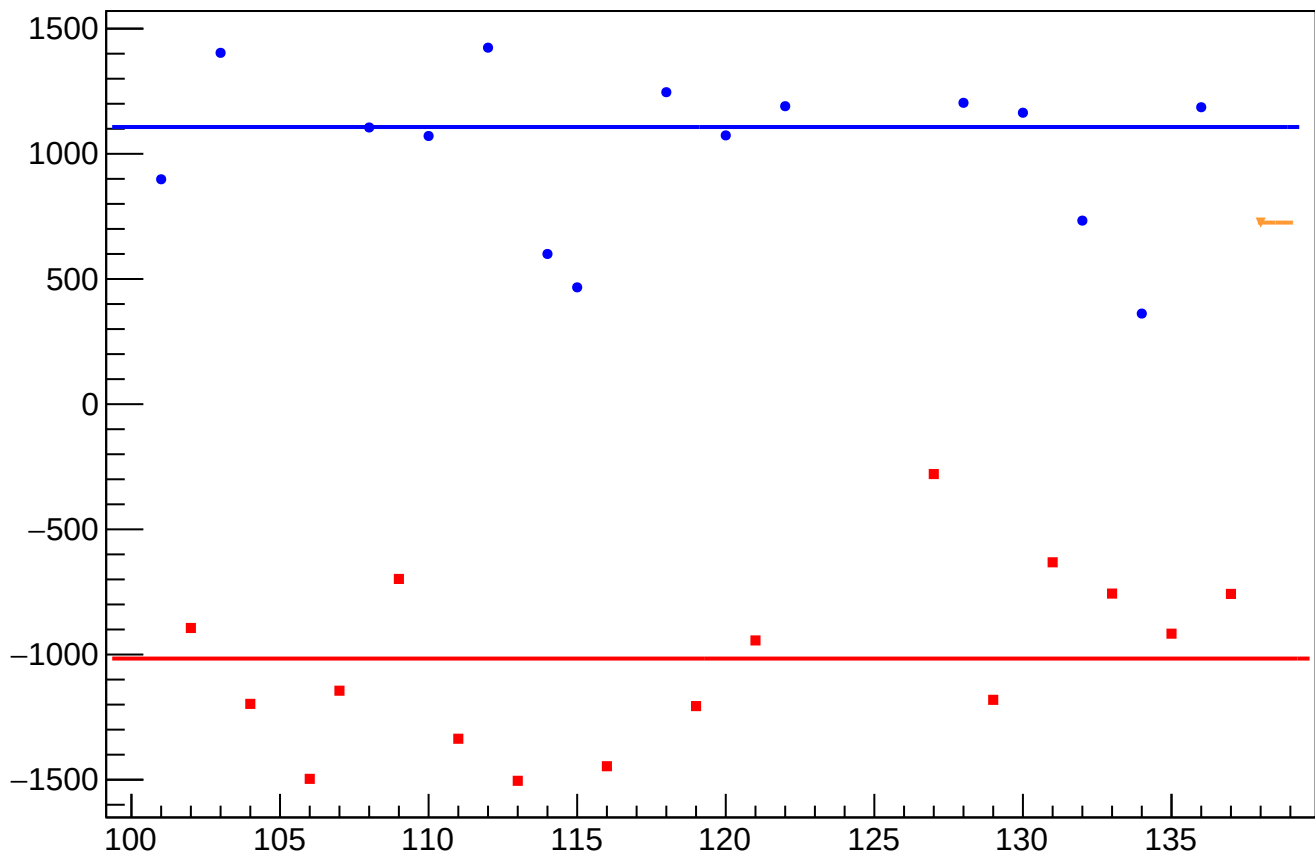
Left: -510.968+/-0.000 χ^2/NDF : 252031.6/0
 Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14
 Right: -55.518+/-0.000 χ^2/NDF : 164158010761557
 Left Out: -510.968+/-0.000 χ^2/NDF : 252031.6/0
 In: -1374.510+/-0.000 χ^2/NDF : 307277577402657
 Right Out: 1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15
 Out: 1045.825+/-0.000 χ^2/NDF : 113264609060394
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -81.002+/-0.000 χ^2/NDF : 164310756304

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



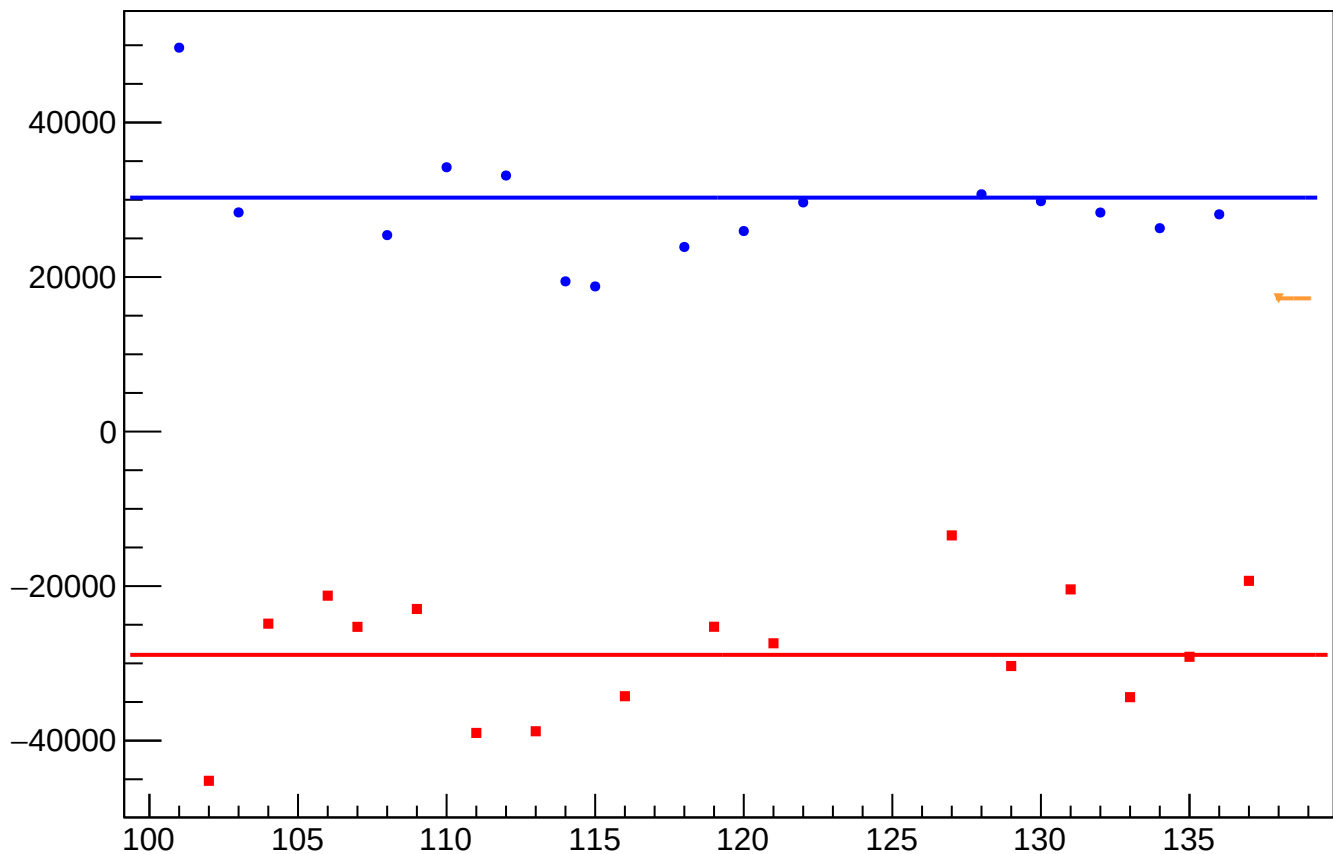
Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14
 Left Out: 333.981+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -21.096+/-0.000 χ^2/NDF : 703122837253

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 30277.649+/-0.000

χ^2/NDF : 30975974641524142453090022540760519278592.0/14

Left: 17240.953+/-0.000 χ^2/NDF : 0.0/0
Right: 285.980+/-0.000 χ^2/NDF : 122974265906167

Left Out: 17240.953+/-0.000

χ^2/NDF : 0.0/0

Right Out: -28896.318+/-0.000

χ^2/NDF : 46969504058010359146250560228409714147328.0/15

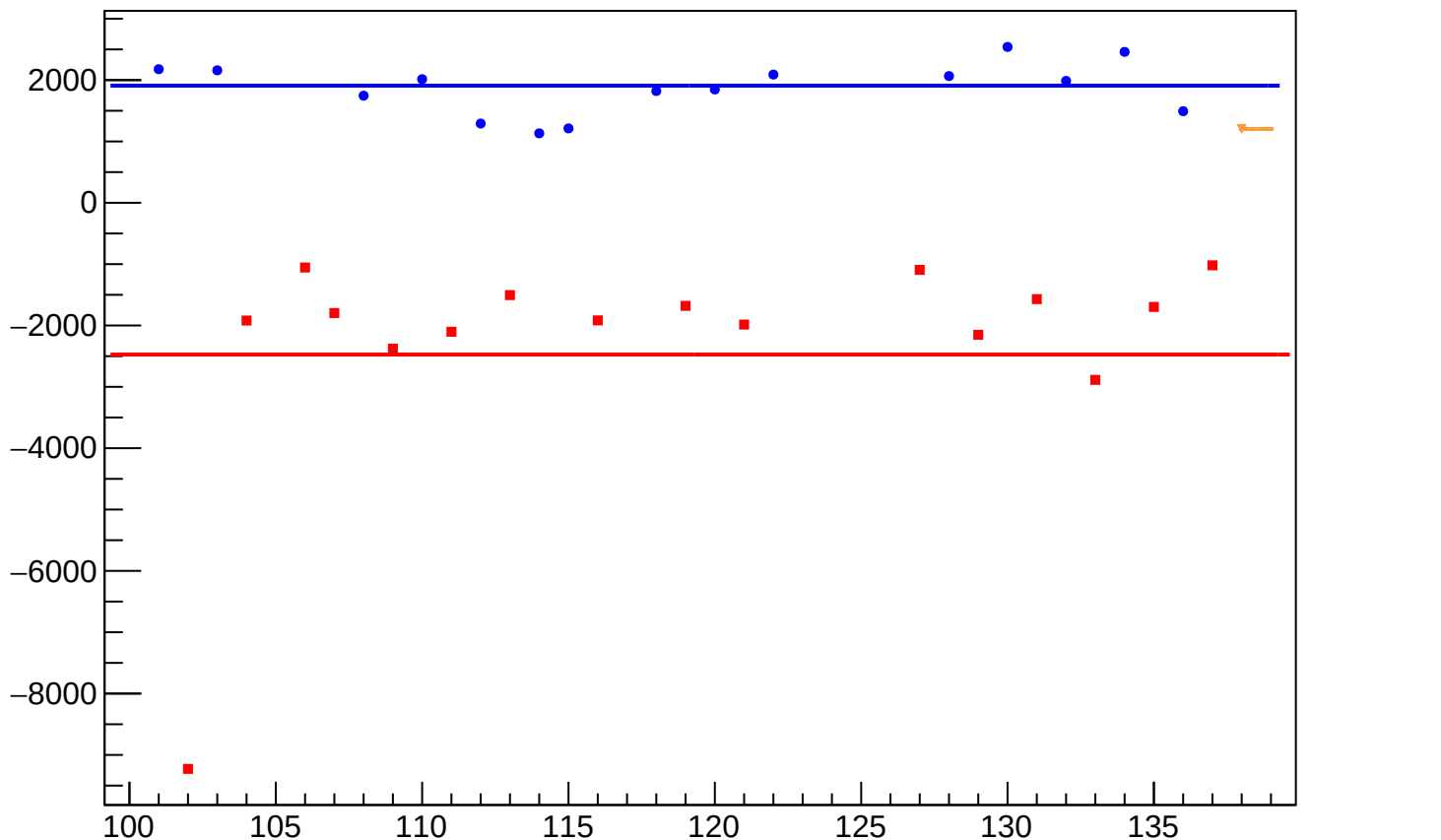
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Out: -24065.839+/-0.000 χ^2/NDF : 1956205500414

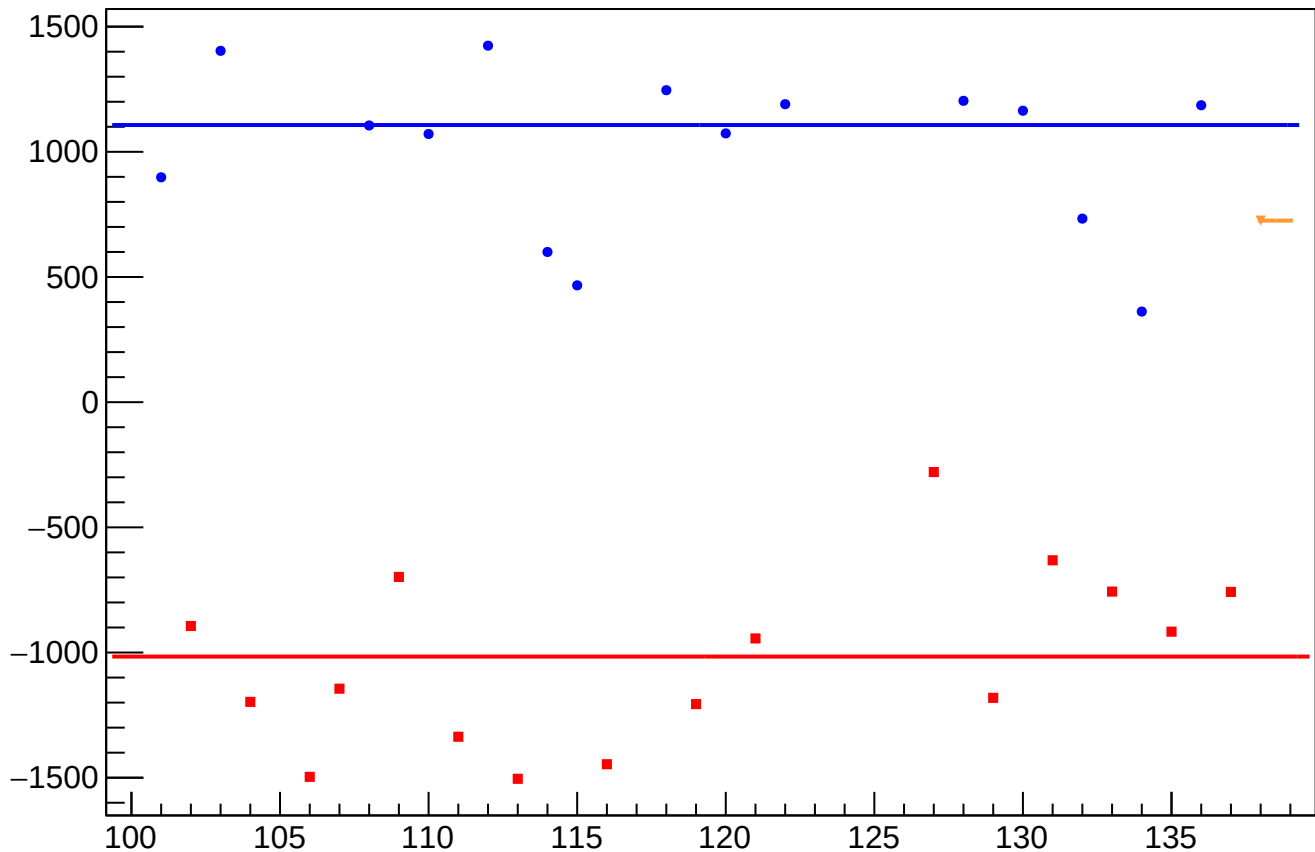
All: 1234.680+/-0.000 χ^2/NDF : 12509107605

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



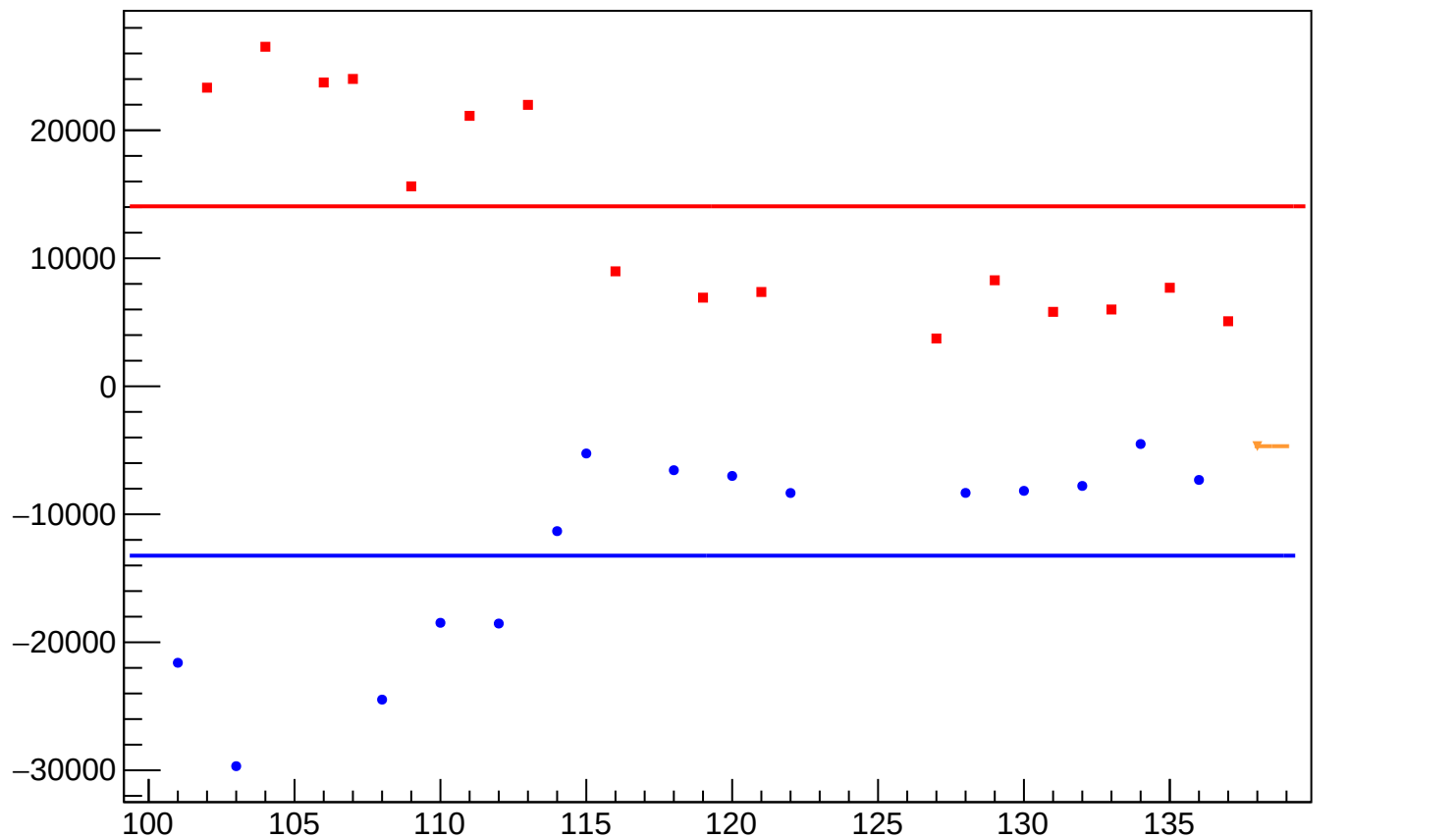
Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left: 1202.839+/-0.000 χ^2/NDF : 4032505.5/0
 Right: -312.249+/-0.000 χ^2/NDF : 94418650101321
 Left Out: 1202.839+/-0.000 χ^2/NDF : 4032505.5/0
 In: 1909.434+/-0.000 χ^2/NDF : 8763697409421167
 Right Out: -2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Out: -2089.022+/-0.000 χ^2/NDF : 39779863182028
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -227.474+/-0.000 χ^2/NDF : 96108949526

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



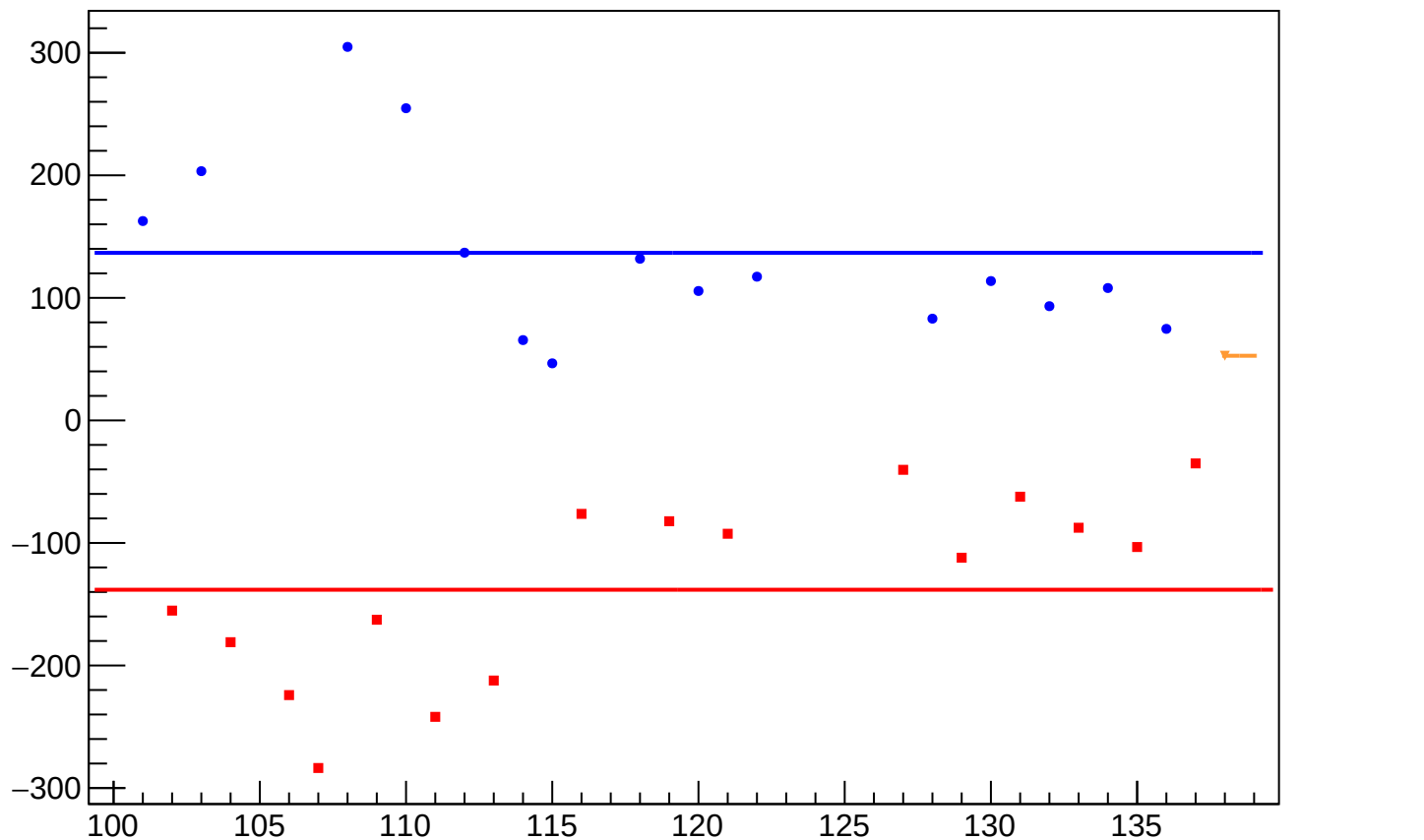
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_sam1_coil4_mean vs Slug, Sign Corrected



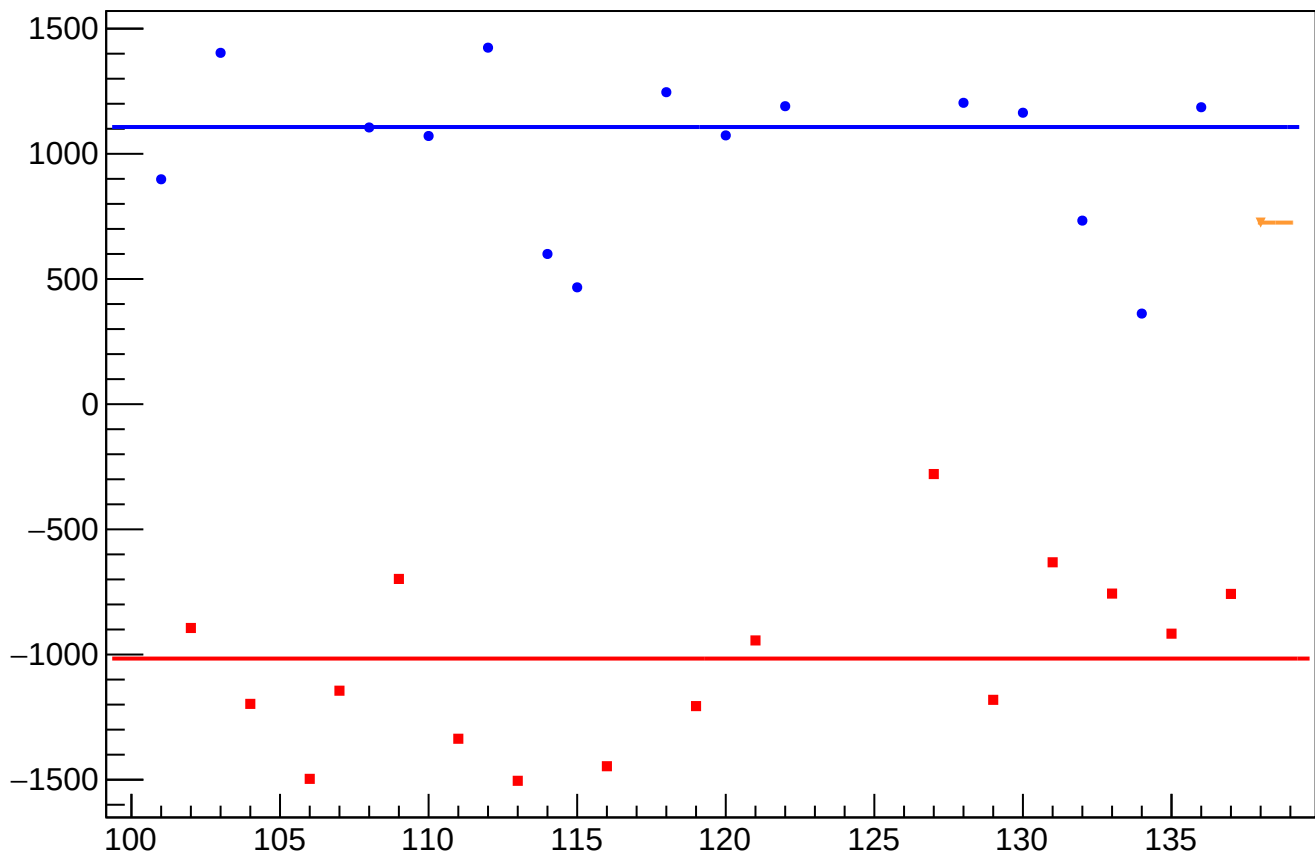
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -4679.745+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 304.601+/-0.000 χ^2/NDF : 332837573587

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



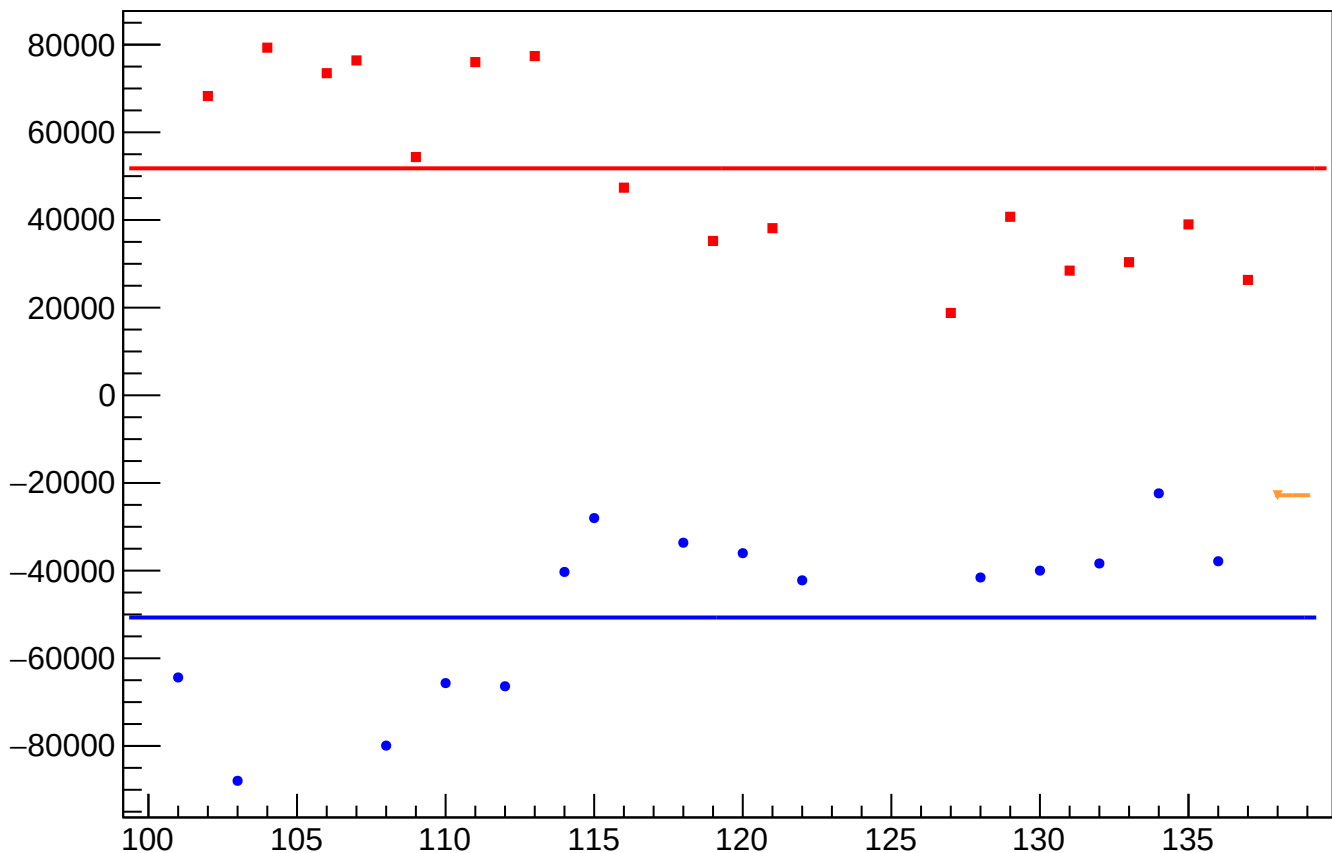
Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Left Out: 52.756+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -138.179+/-0.000 χ^2/NDF : 32308833528786334641613561898467328.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.484+/-0.000 χ^2/NDF : 30999767346505

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 ± 0.000 $\chi^2/\text{NDF}: 40633831787810179240542210398269472768.0/14$
 Left Out: 725.282 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -1016.106 ± 0.000 $\chi^2/\text{NDF}: 72567664333509192712184310037150171136.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 1107.052 ± 0.000 $\chi^2/\text{NDF}: 40633831787810179240542210398269472768.0/14$
 Out: -833.787 ± 0.000 $\chi^2/\text{NDF}: 284333310162130.0/14$
 All: 69.803 ± 0.000 $\chi^2/\text{NDF}: 163149056880.0/14$

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424+/-0.000

Left Out: -22803.952+/-0.000

Right Out: 51783.912+/-0.000

Left In: 0.000+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 281789617729131996271154198472617478848512.0/15

χ^2/NDF : 0.0/0

Left: -22803.952+/-0.000

Right: 1245.090+/-0.000

In: -50695.424+/-0.000

Out: 43974.713+/-0.000

χ^2/NDF : 0.0/0

χ^2/NDF : 39629195371379

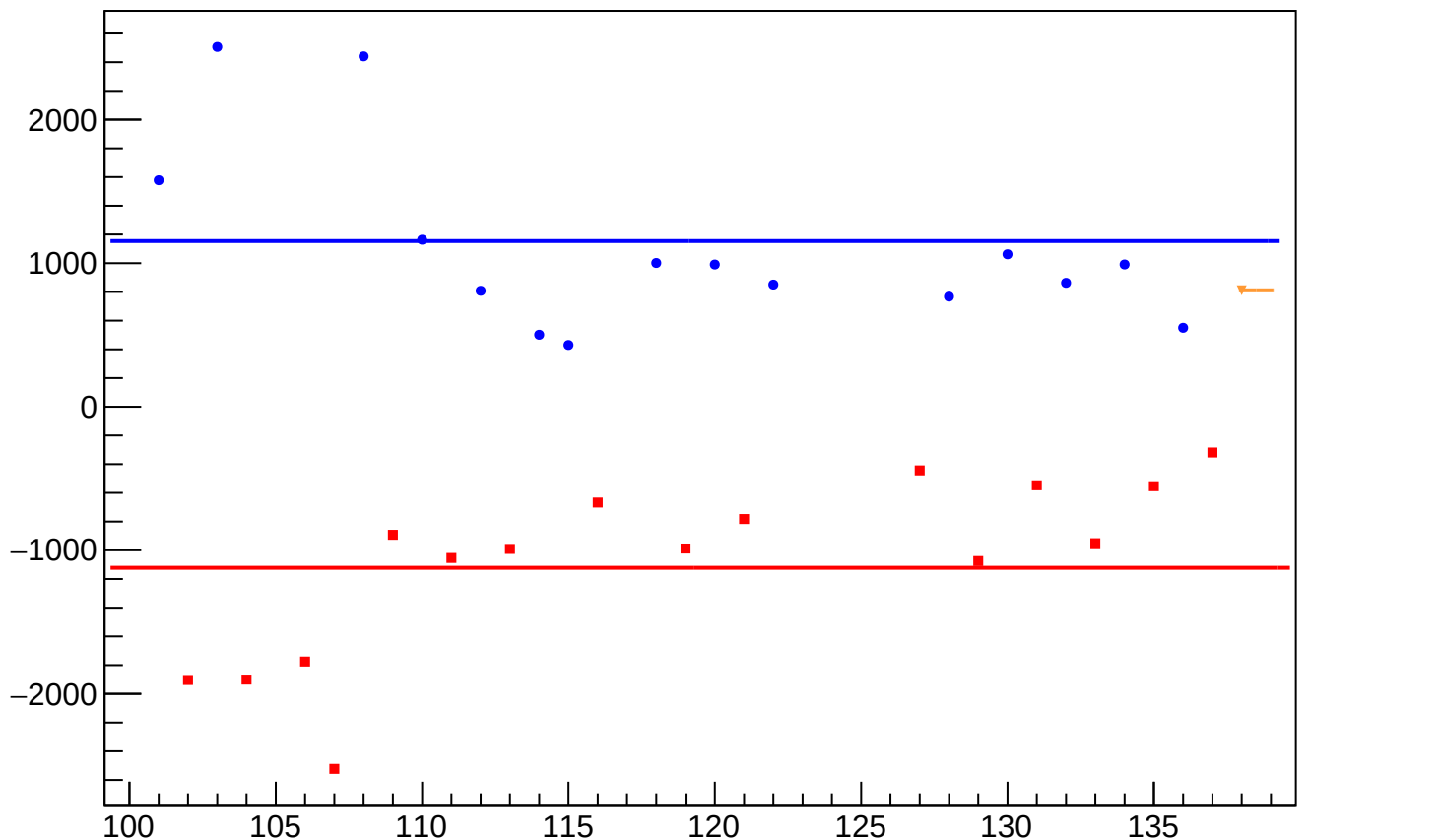
χ^2/NDF : 22661358525390

χ^2/NDF : 67029810117545

All: -100.552+/-0.000

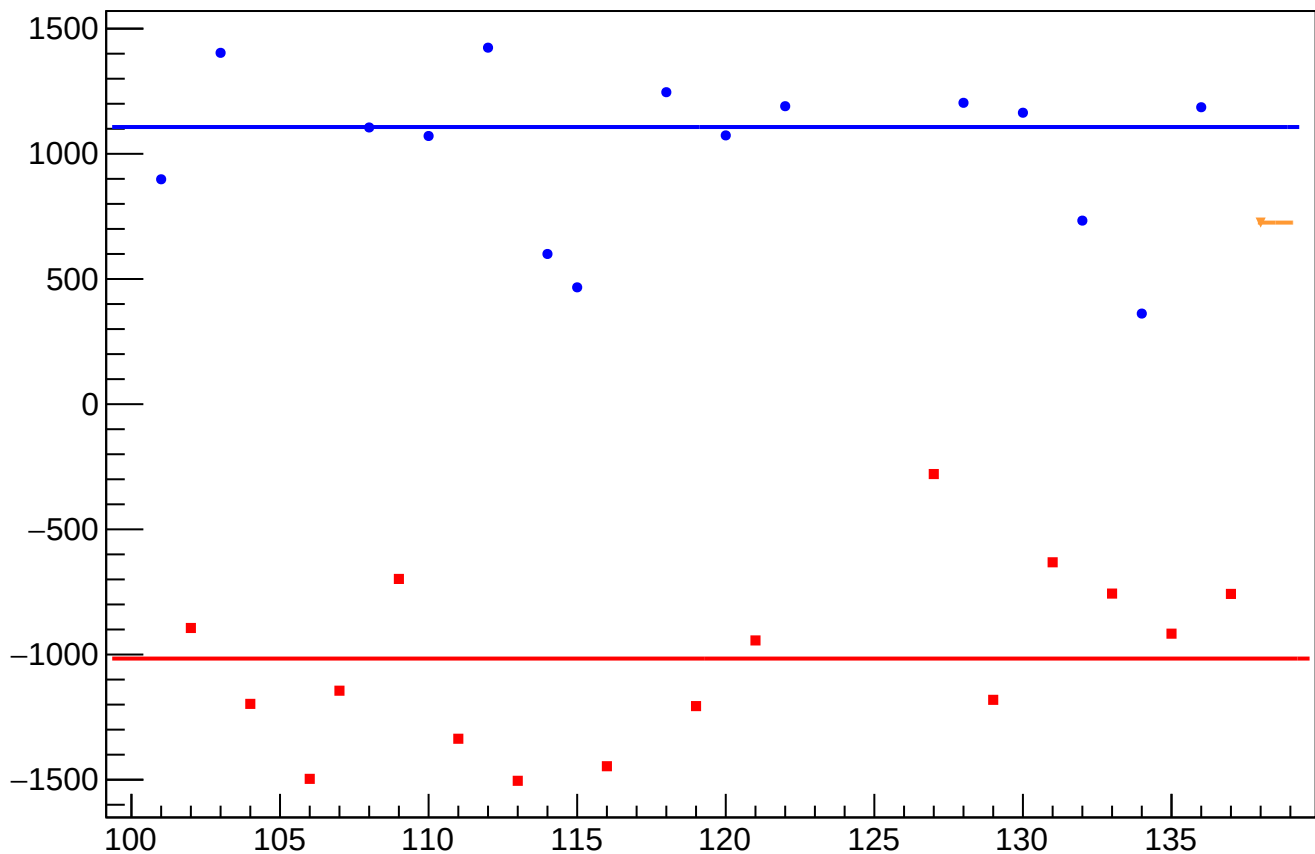
χ^2/NDF : 40055071500

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



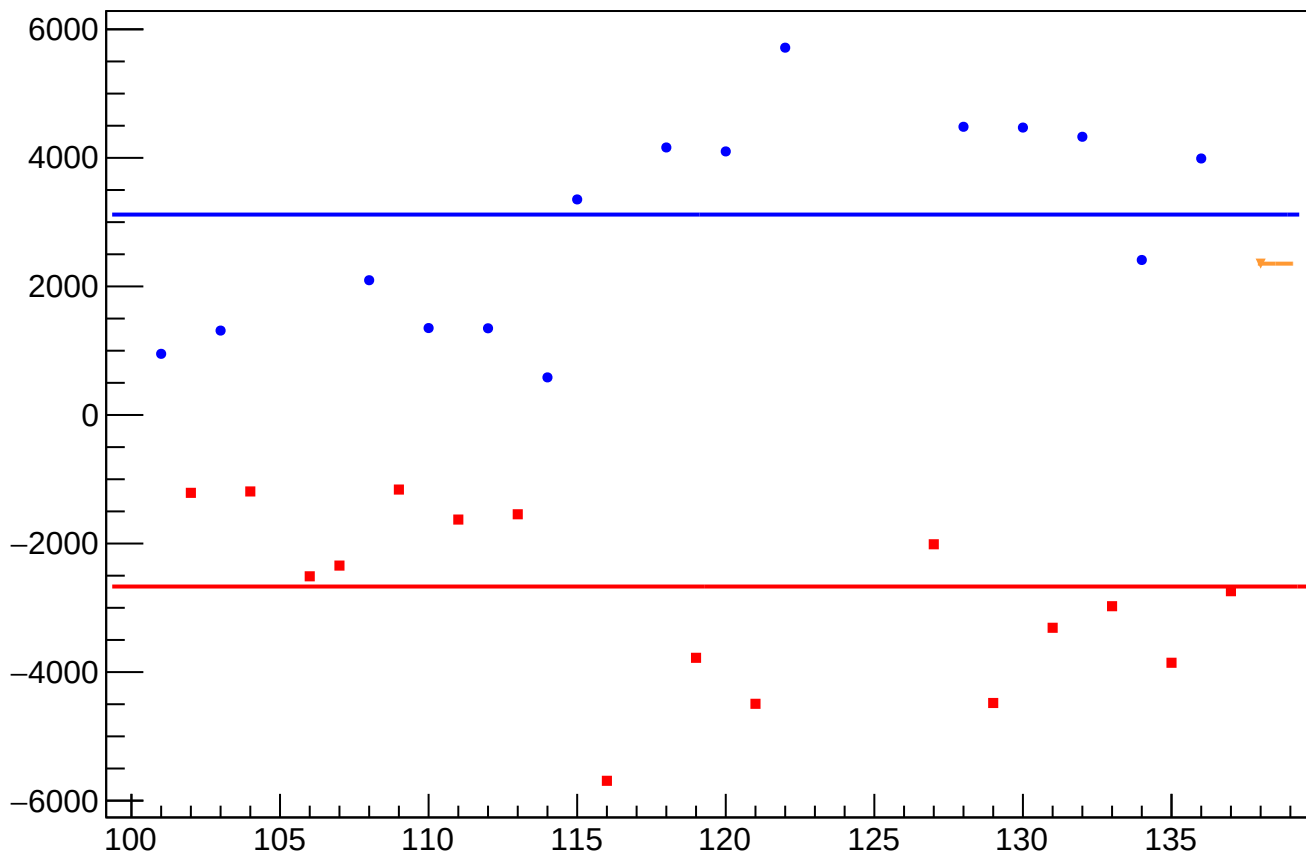
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14
 Left Out: 811.161+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 45.984+/-0.000 χ^2/NDF : 2228161225360

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



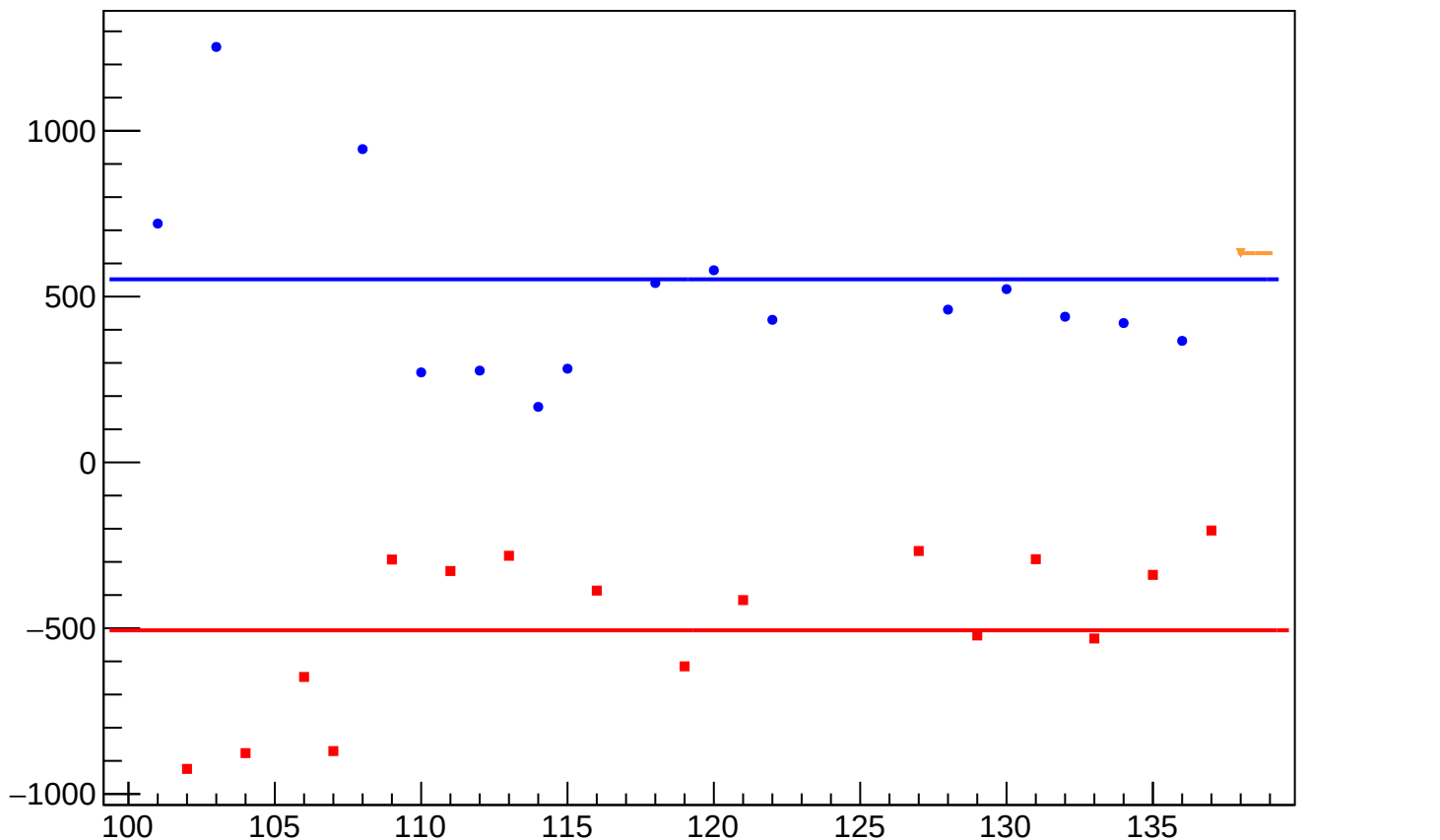
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 1631490568808

dit_sam3_coil4_mean vs Slug, Sign Corrected



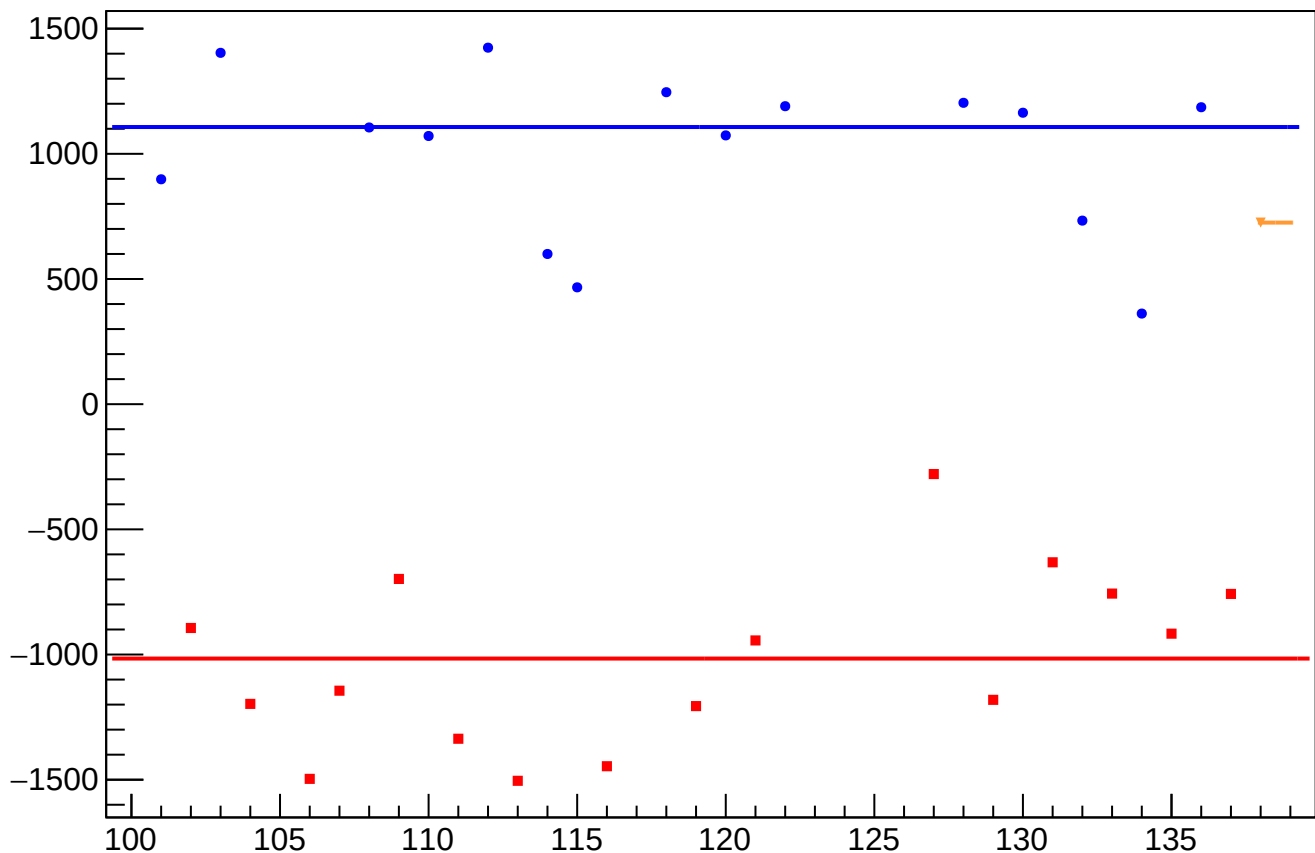
Right In: 3117.914+/-0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 2354.244+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2668.794+/-0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 306.364+/-0.000 χ^2/NDF : 14050480074

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



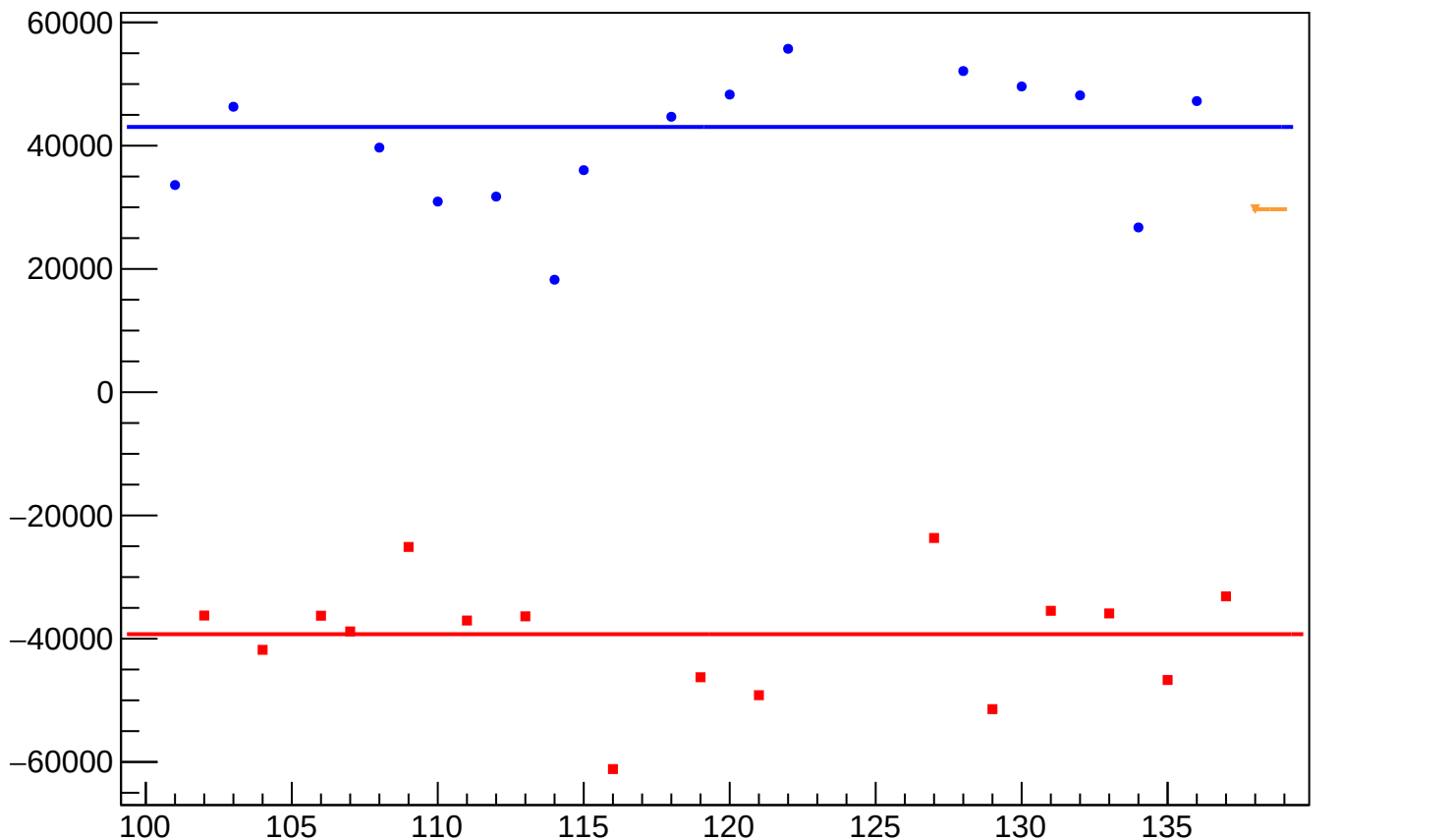
Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14
 Left Out: 630.991+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14
 Out: -387.268+/-0.000 χ^2/NDF : 127513719909263
 All: 50.074+/-0.000 χ^2/NDF : 4843206050749

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



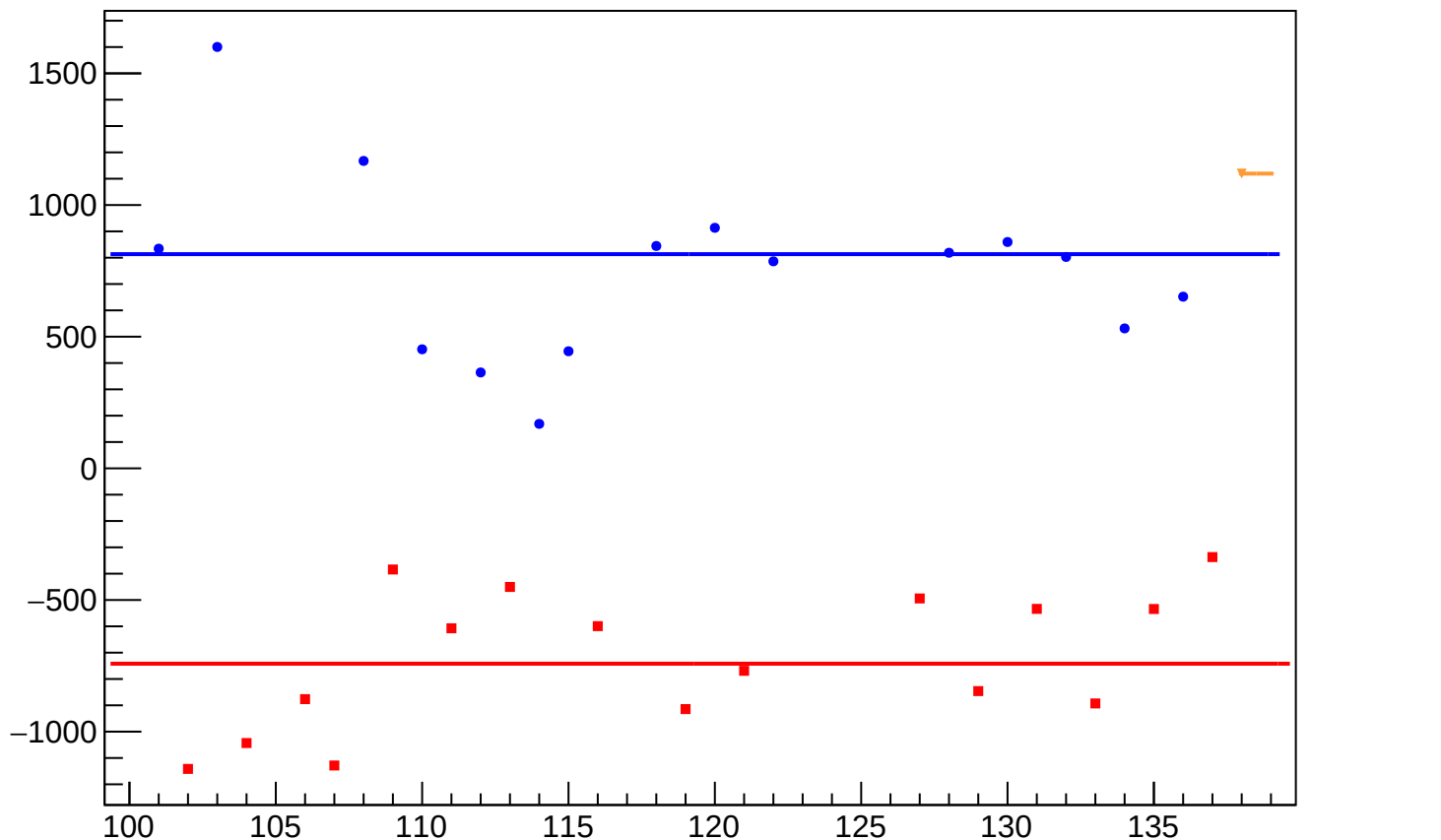
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 1631490568808

dit_sam4_coil4_mean vs Slug, Sign Corrected



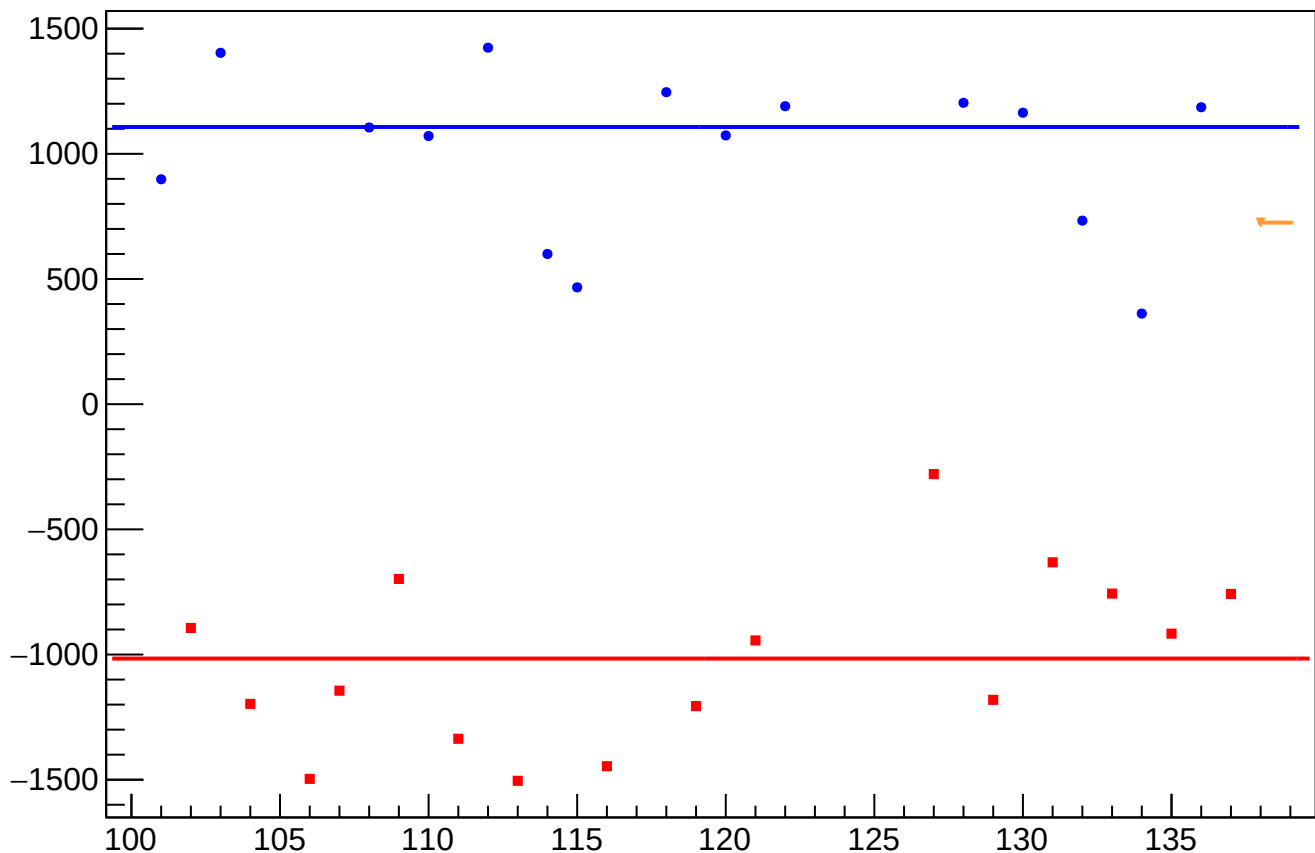
Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 29688.937+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2909.475+/-0.000 χ^2/NDF : 23880351995

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



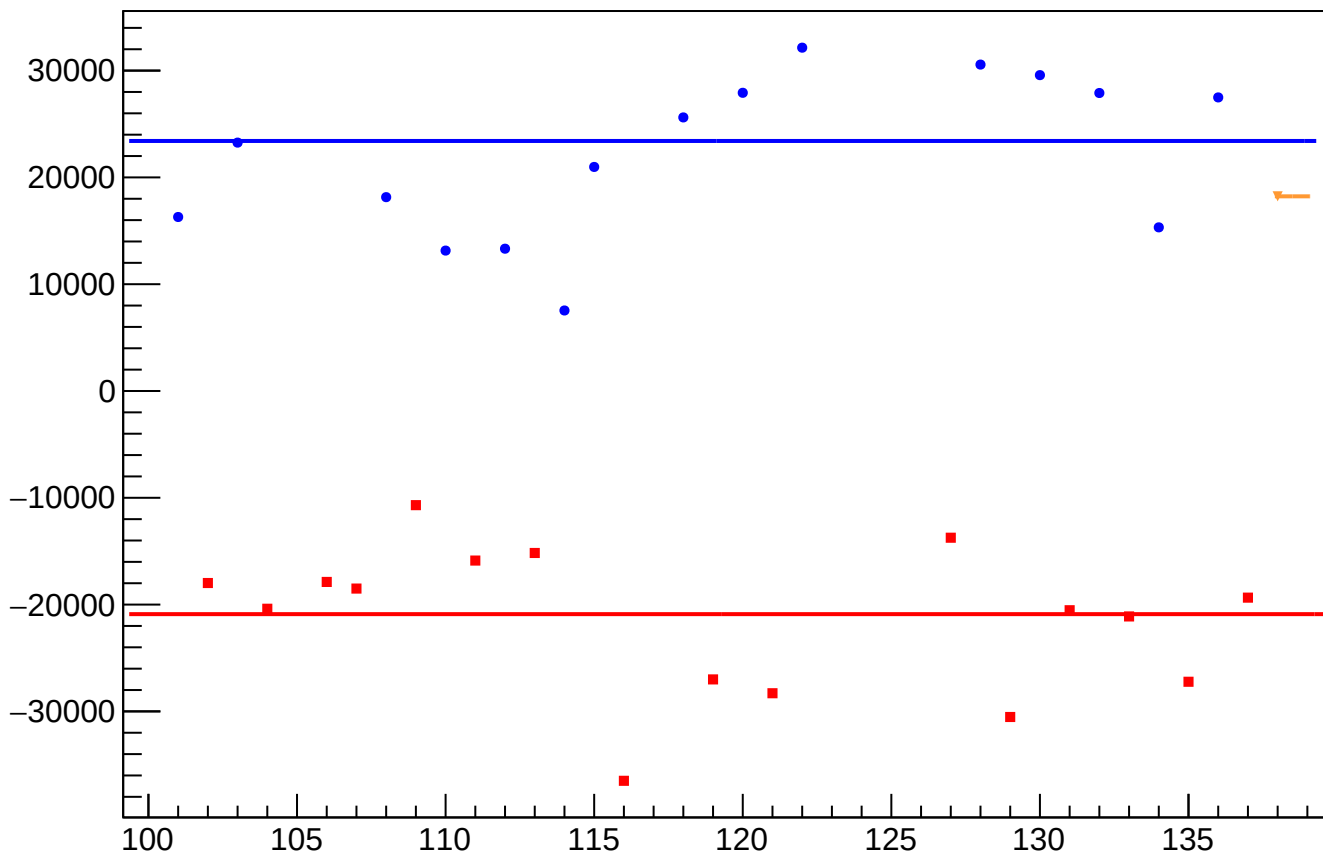
Left: 1119.408 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 25.157 $\pm$ 0.000 χ^2 /NDF: 9069972726032984
 Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14
 Left Out: 1119.408 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14
 Out: -547.035 $\pm$ 0.000 χ^2 /NDF: 286013116247996
 All: 86.385 $\pm$ 0.000 χ^2 /NDF: 9951673978581

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



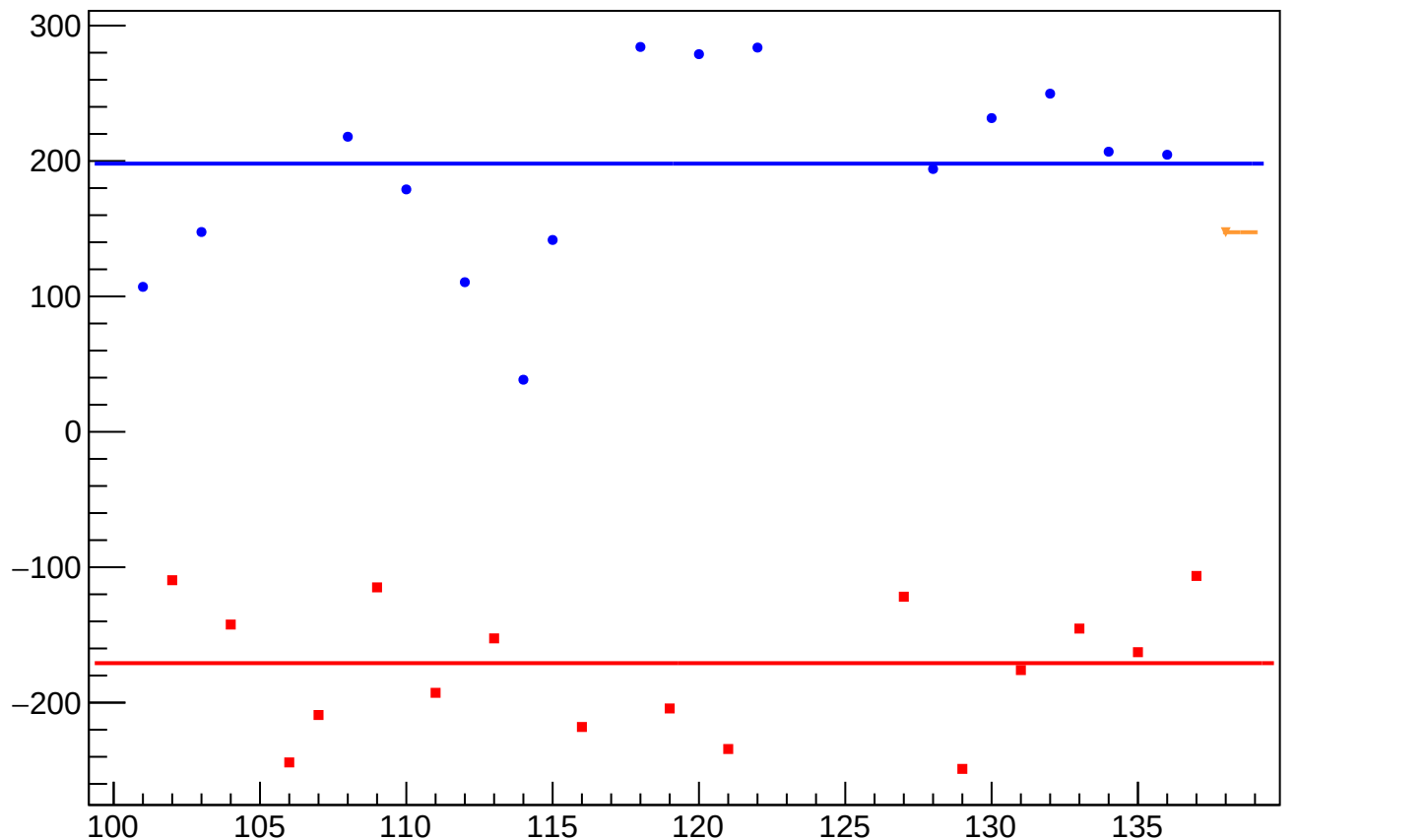
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 1631490568808

dit_sam5_coil4_mean vs Slug, Sign Corrected



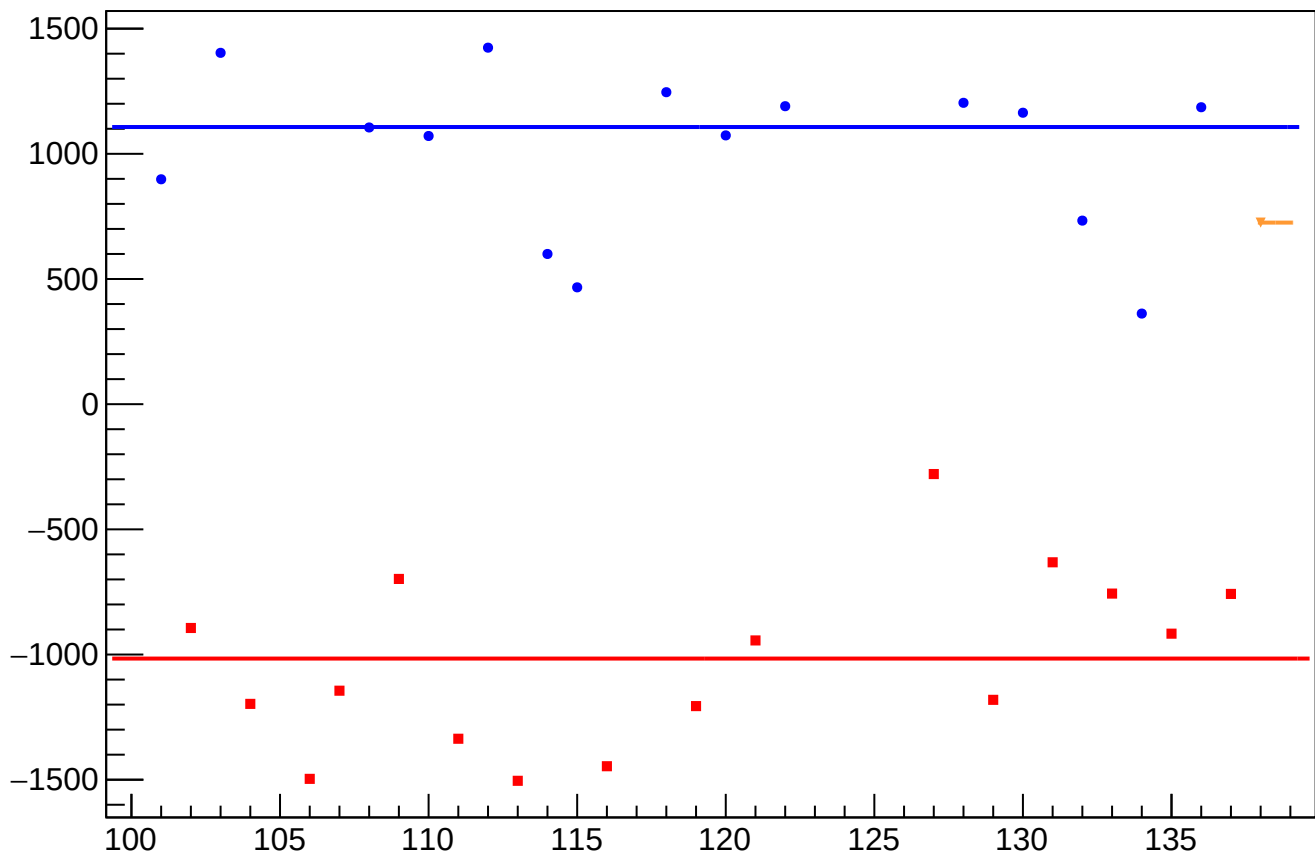
Right In: 23411.506+/-0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 18227.445+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -20894.122+/-0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1922.116+/-0.000 χ^2/NDF : 72350537880

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



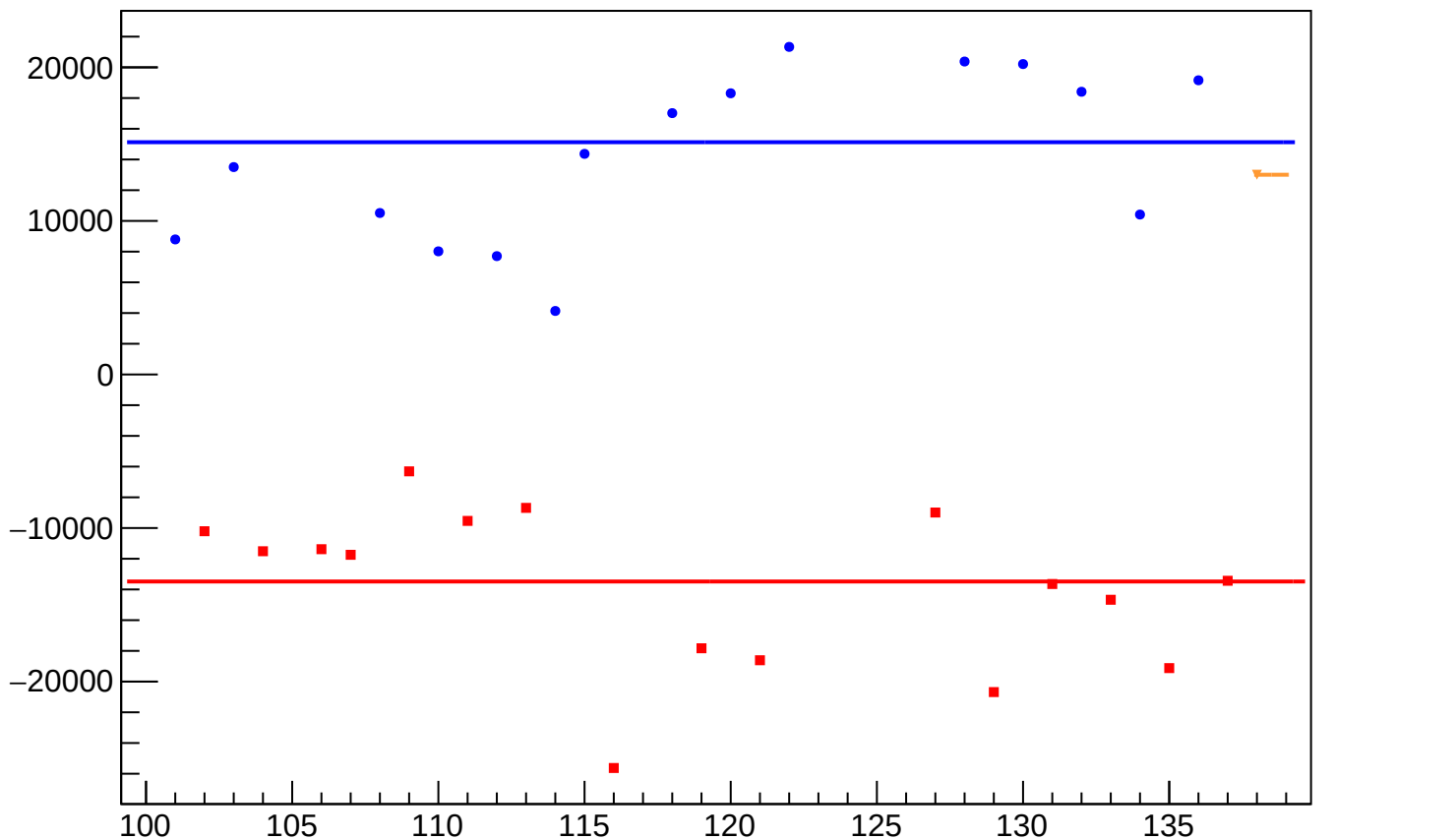
Right In: 198.056 ± 0.000 $\chi^2/\text{NDF}: 2482928792293864415922382990034862080.0/14$
 Left Out: 147.397 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -170.851 ± 0.000 $\chi^2/\text{NDF}: 1418314816915016425155520631536615424.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 18.707 ± 0.000 $\chi^2/\text{NDF}: 5003562103155$

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



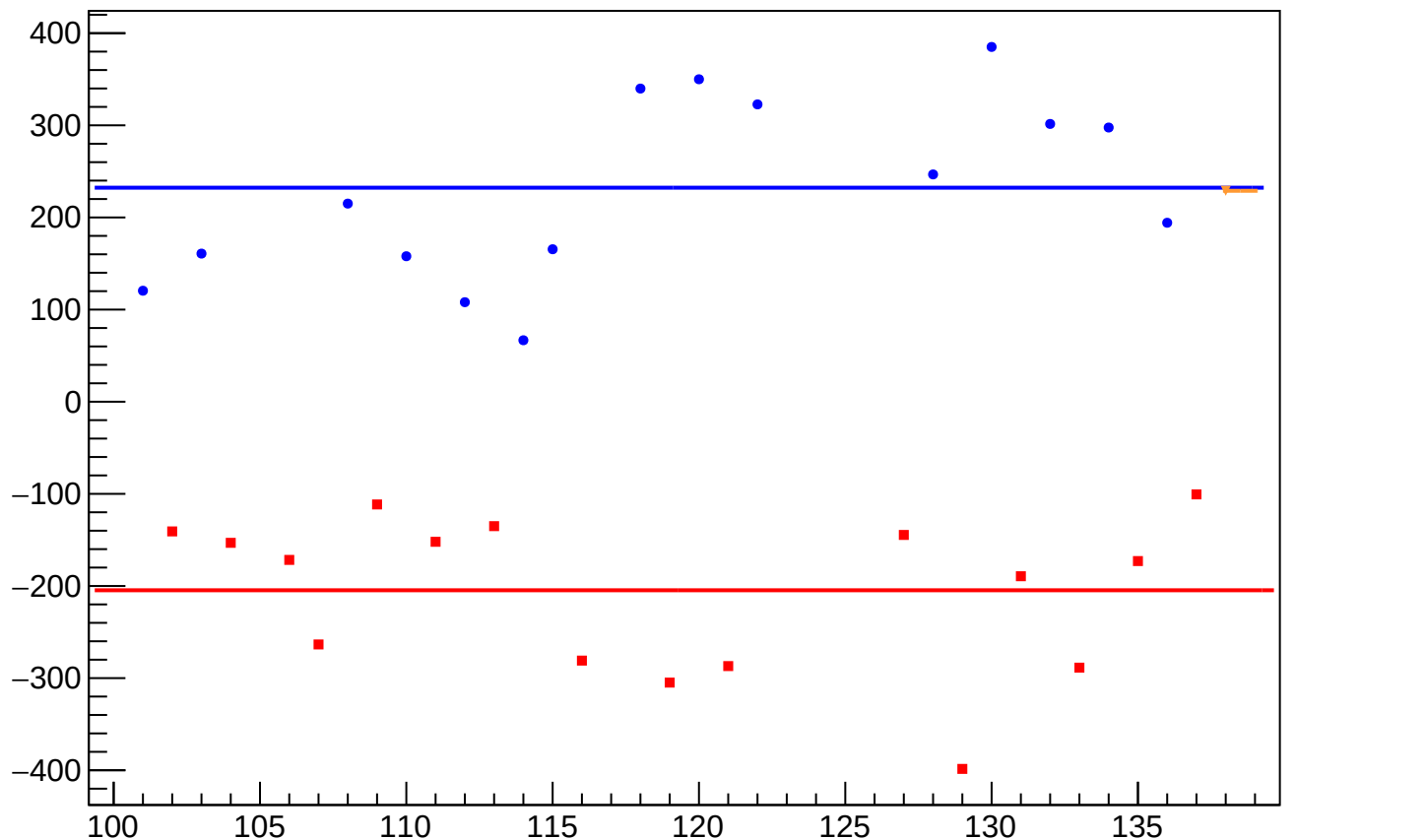
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 1631490568808

dit_sam6_coil4_mean vs Slug, Sign Corrected



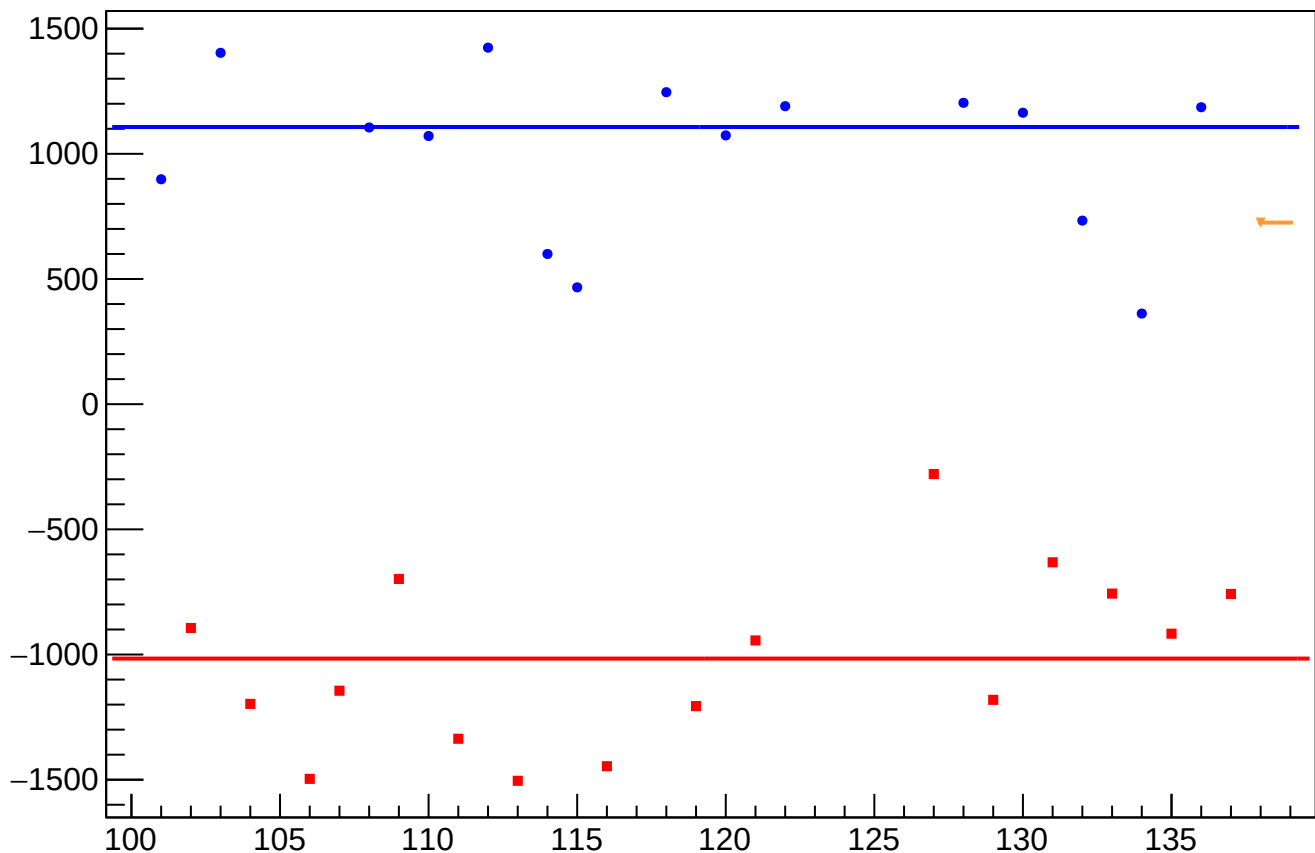
Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 13006.954+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1318.904+/-0.000 χ^2/NDF : 31302355718

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



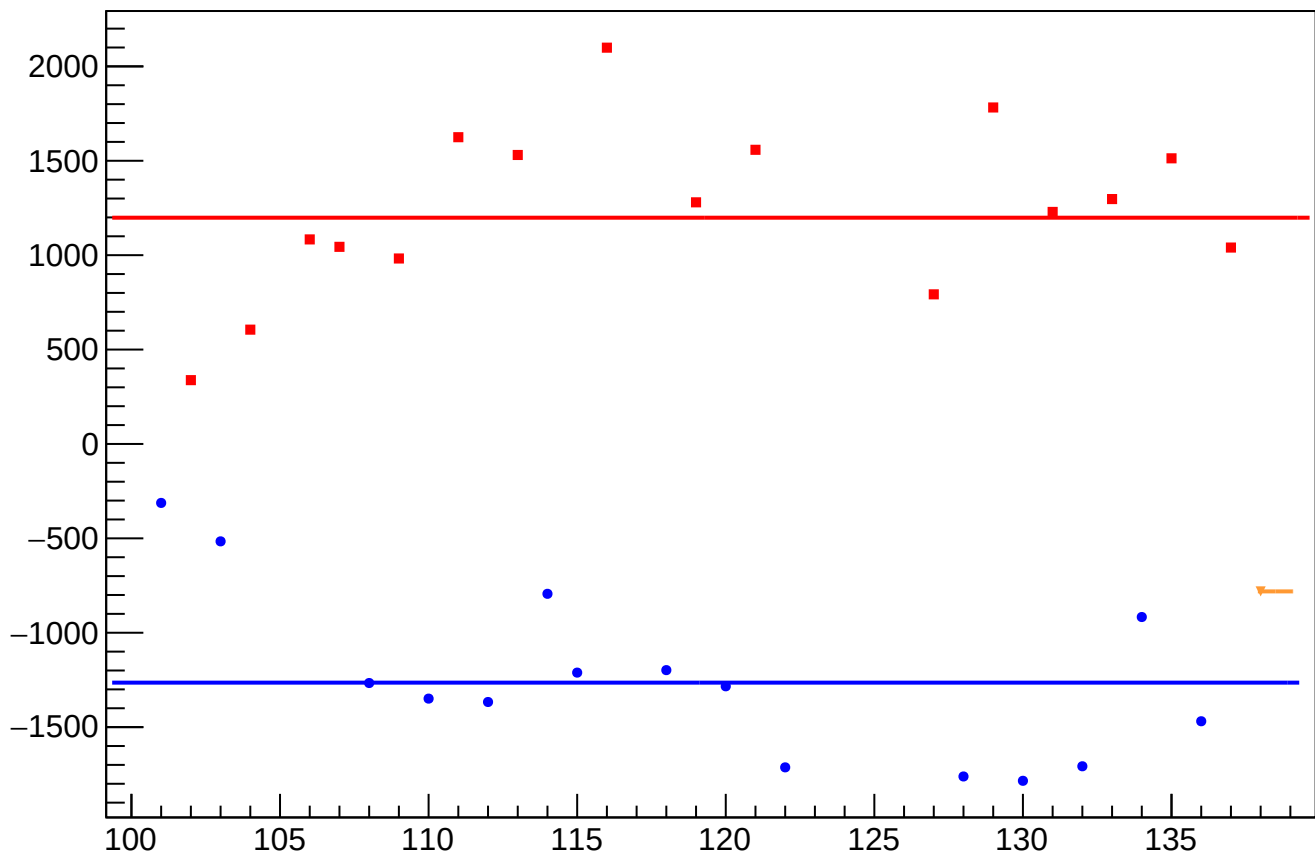
Left: 228.946 +/- 0.000 $\chi^2/NDF: 0.0/0$
 Right: 10.849 +/- 0.000 $\chi^2/NDF: 7283570791033899$
 In: 232.312 +/- 0.000 $\chi^2/NDF: 5478184144885833956204804001180418048.0/14$
 Out: -159.242 +/- 0.000 $\chi^2/NDF: 176833941474530$
 All: 23.053 +/- 0.000 $\chi^2/NDF: 7633828005564$

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



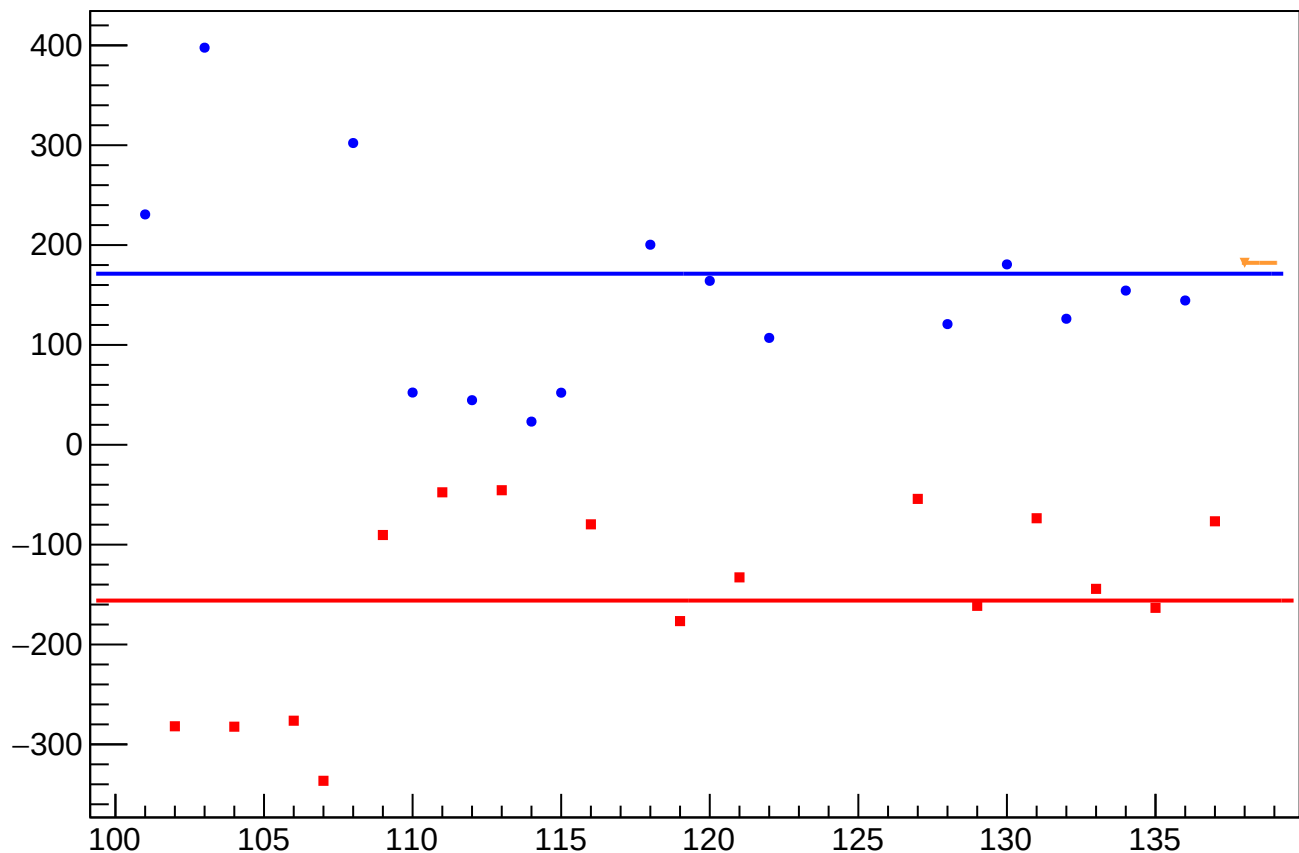
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_sam7_coil4_mean vs Slug, Sign Corrected



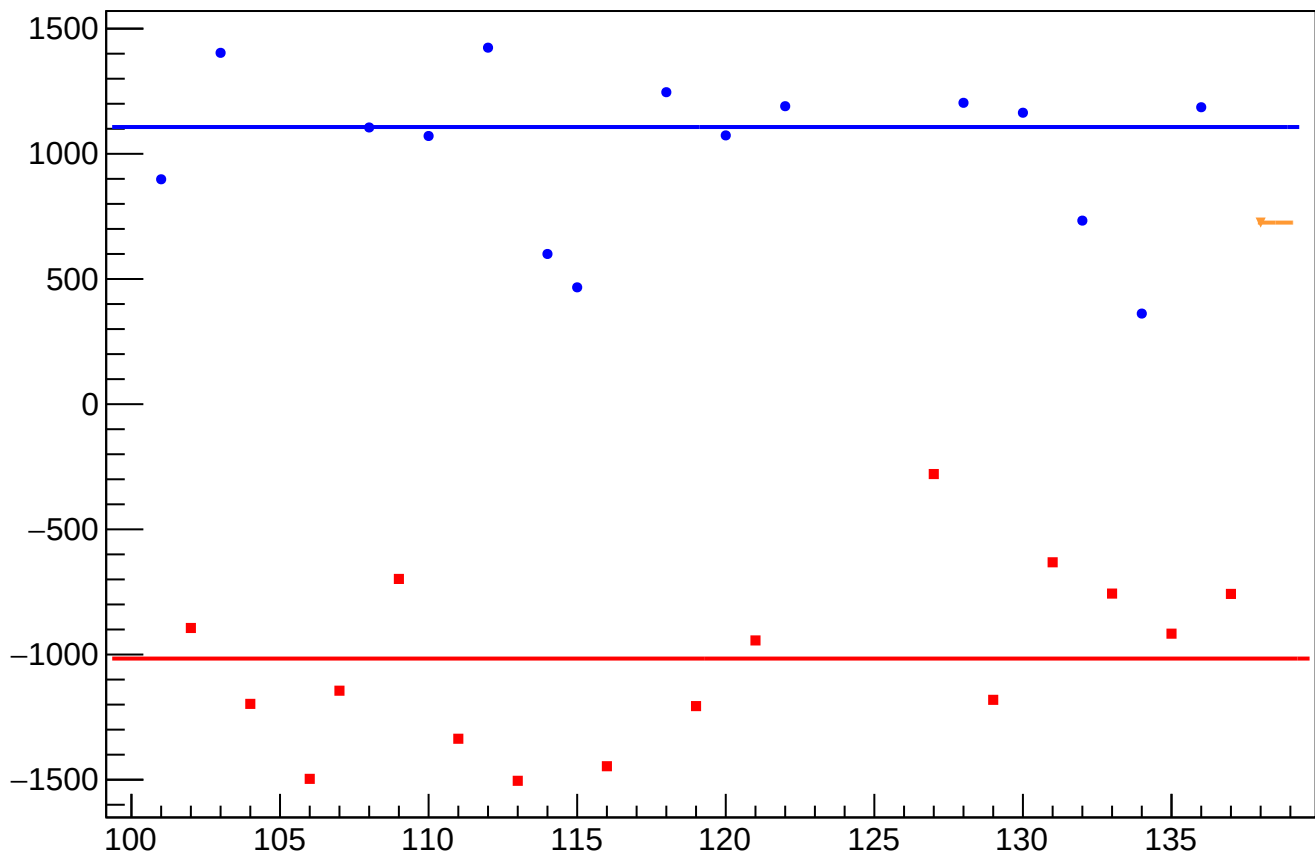
Right In: -1264.303 ± 0.000 $\chi^2/\text{NDF}: 140215251538502657549173994543931981824.0/14$
 Left Out: -781.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 1198.483 ± 0.000 $\chi^2/\text{NDF}: 131164763898016793515492217696167133184.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -58.868 ± 0.000 $\chi^2/\text{NDF}: 230958097553$

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



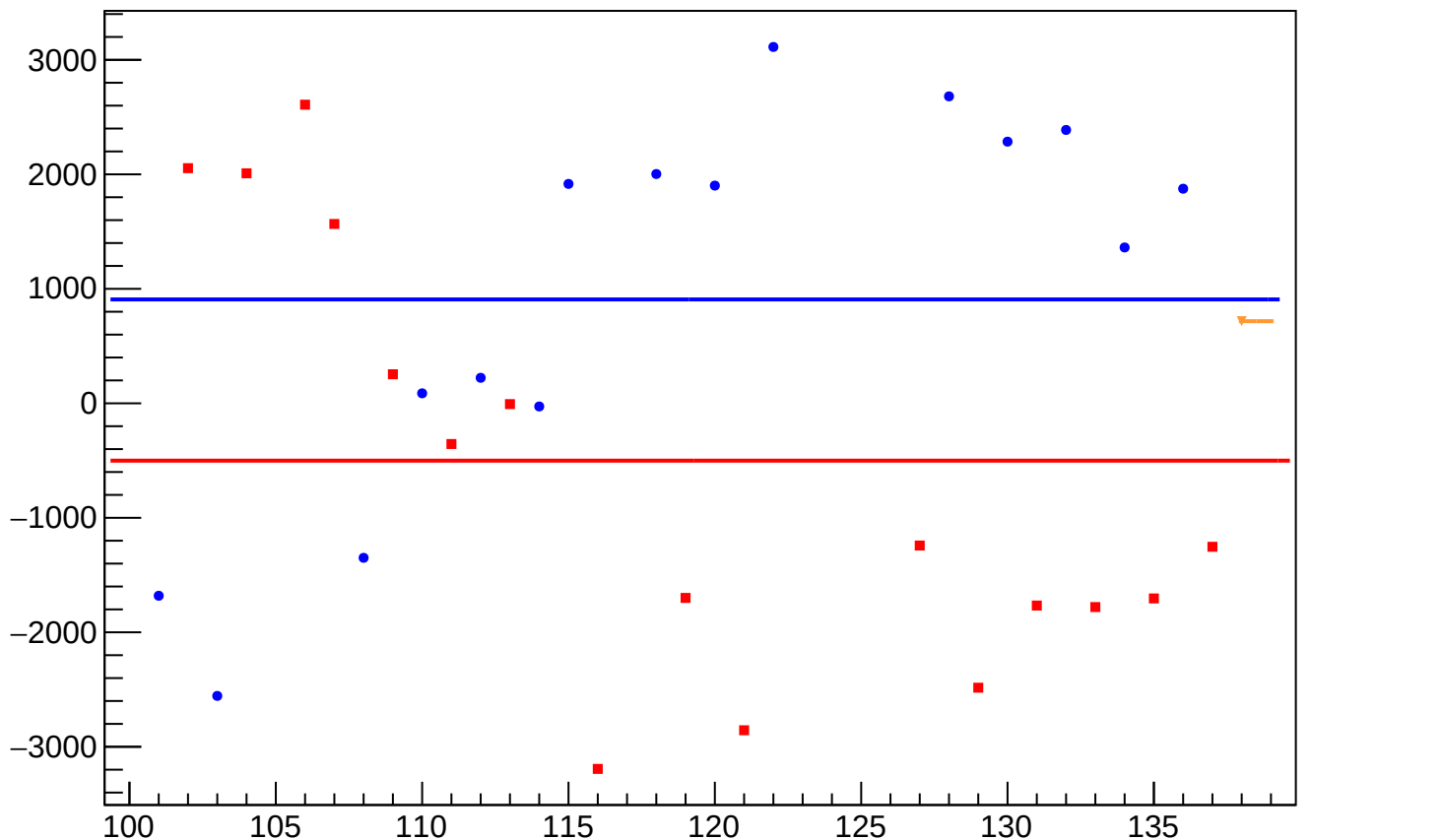
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 182.219+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 15.318+/-0.000 χ^2/NDF : 4934424962526

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



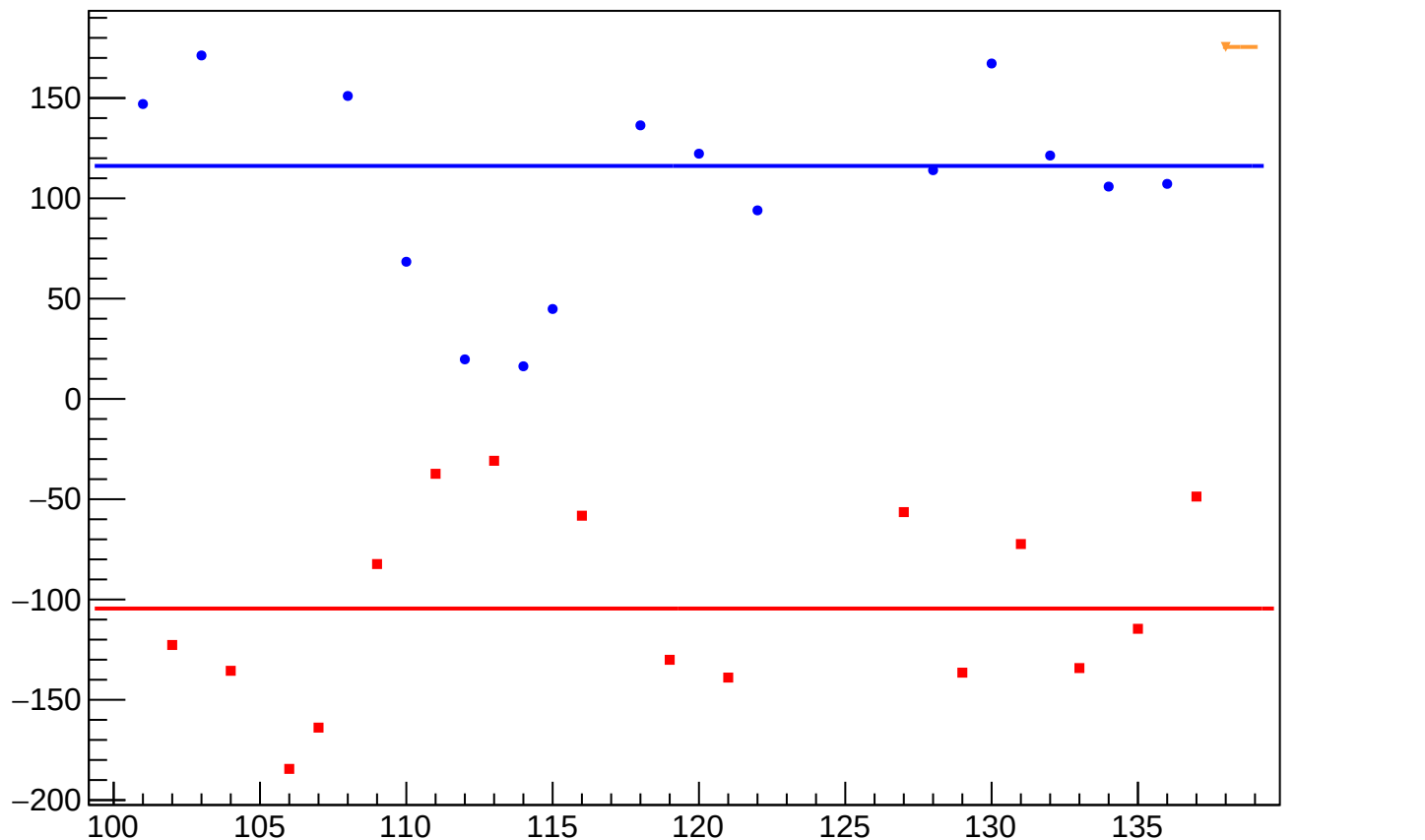
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_sam8_coil4_mean vs Slug, Sign Corrected



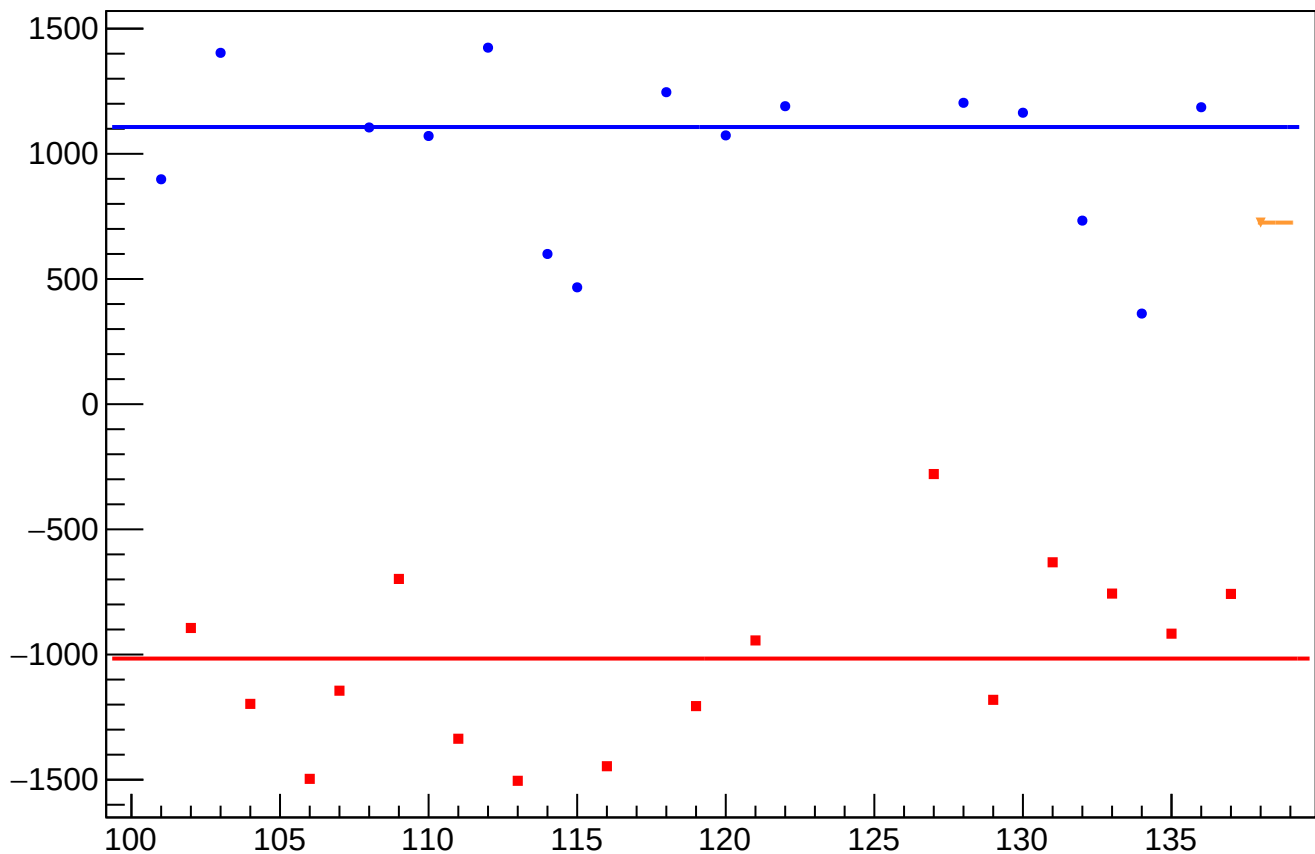
Right In: 907.442+/-0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14
 Left Out: 717.393+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -500.689+/-0.000 χ^2/NDF : 2074232918749953174436803426379074895872.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 907.442+/-0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14
 Out: -373.158+/-0.000 χ^2/NDF : 217784655619018
 All: 223.047+/-0.000 χ^2/NDF : 485389163227

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



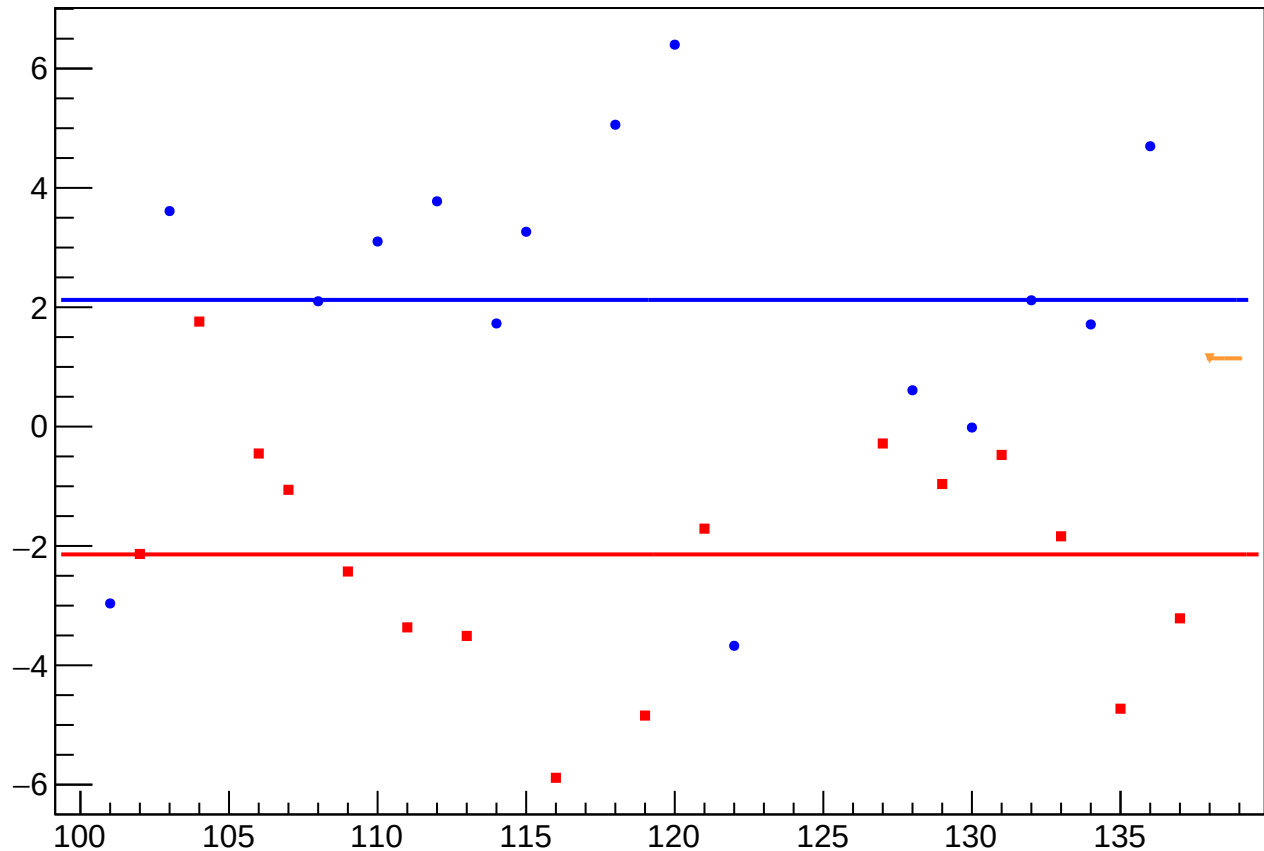
Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 175.478+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 13.897+/-0.000 χ^2/NDF : 2065790973916

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



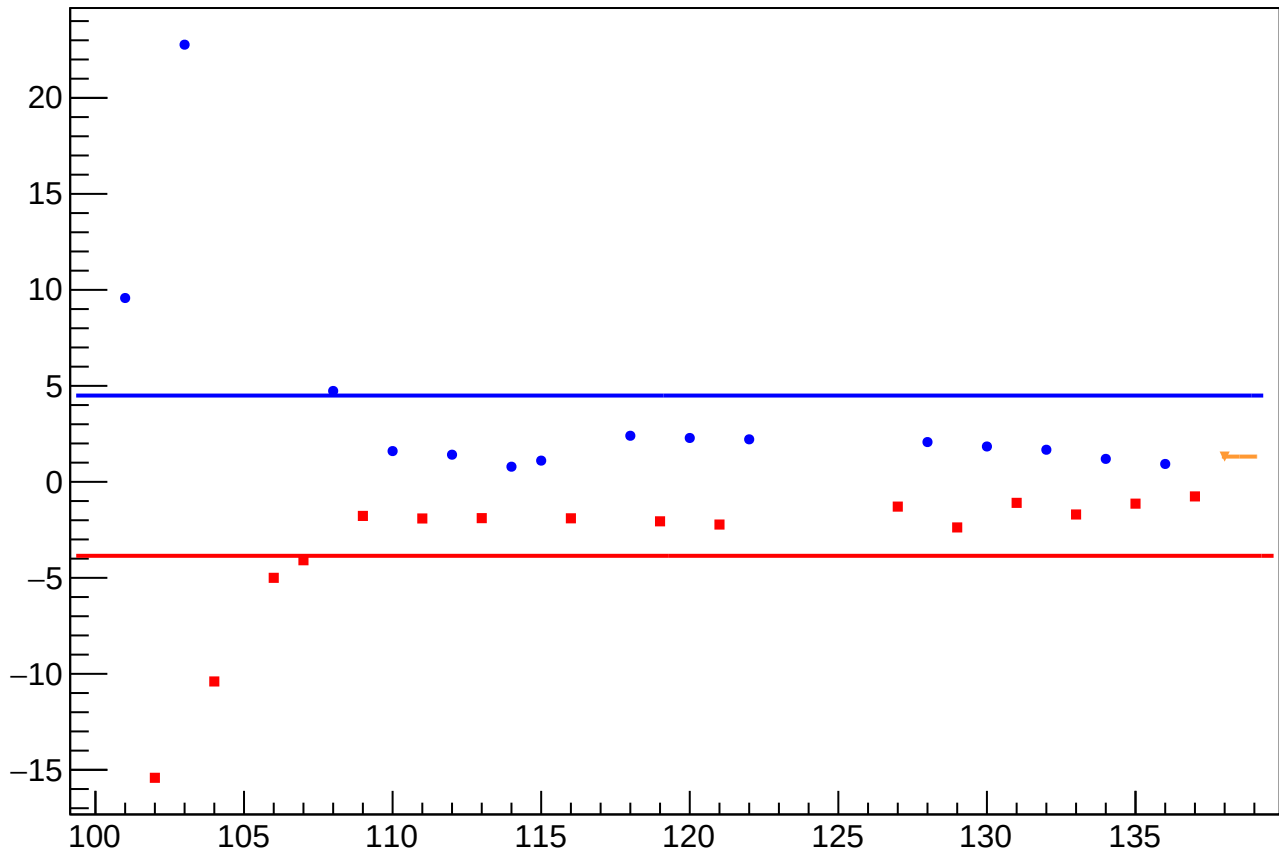
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 69.803+/-0.000 χ^2/NDF : 163149056880

dit_4aX_coil6_mean vs Slug, Sign Corrected



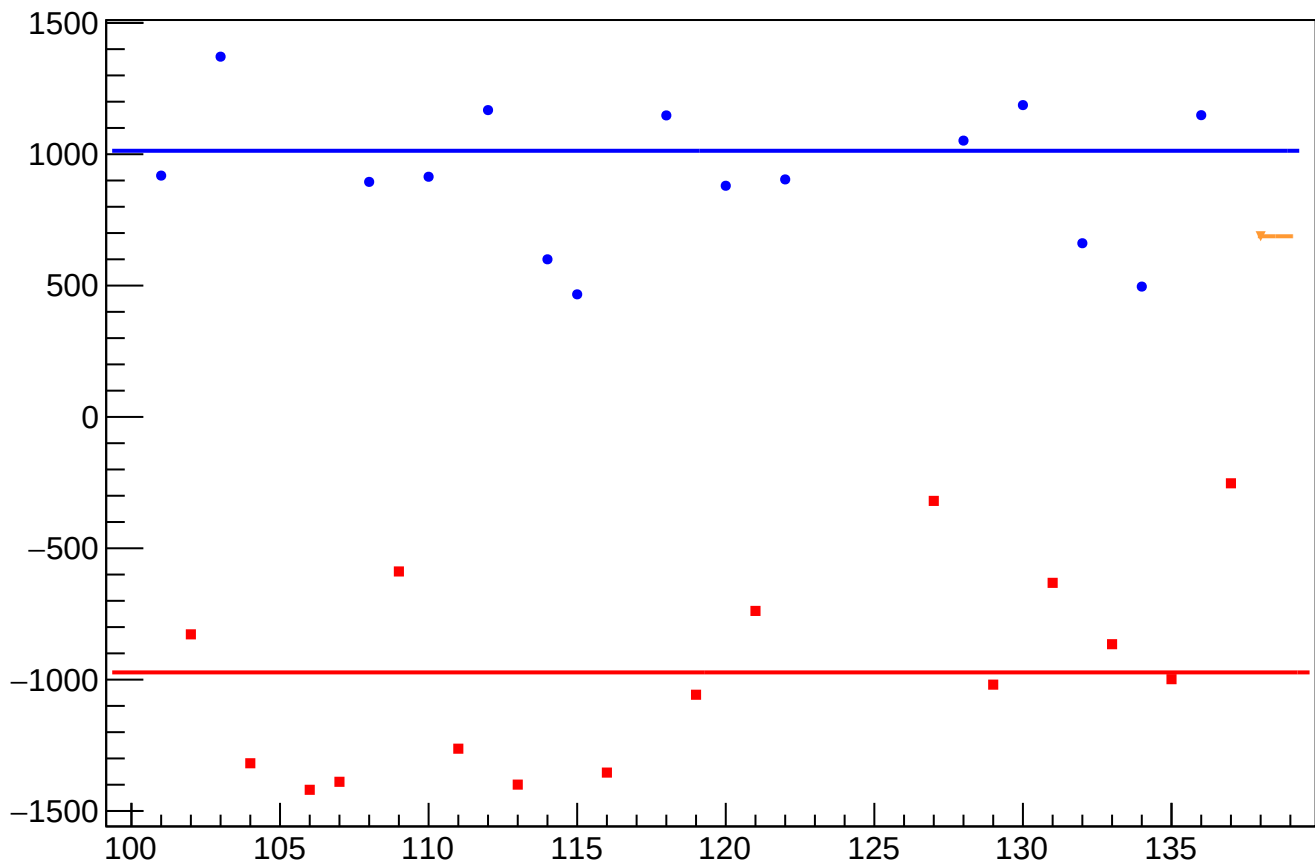
Right In: 2.123 ± 0.000 $\chi^2/\text{NDF}: 5263705922821075971022013849403392.0/14$
 Left Out: 1.143 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -2.142 ± 0.000 $\chi^2/\text{NDF}: 2472949940993672466161692257026048.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 2.123 ± 0.000 $\chi^2/\text{NDF}: 5263705922821075971022013849403392.0/14$
 Out: -1.798 ± 0.000 $\chi^2/\text{NDF}: 32265807516059100$
 All: 0.028 ± 0.000 $\chi^2/\text{NDF}: 1382188909925$

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



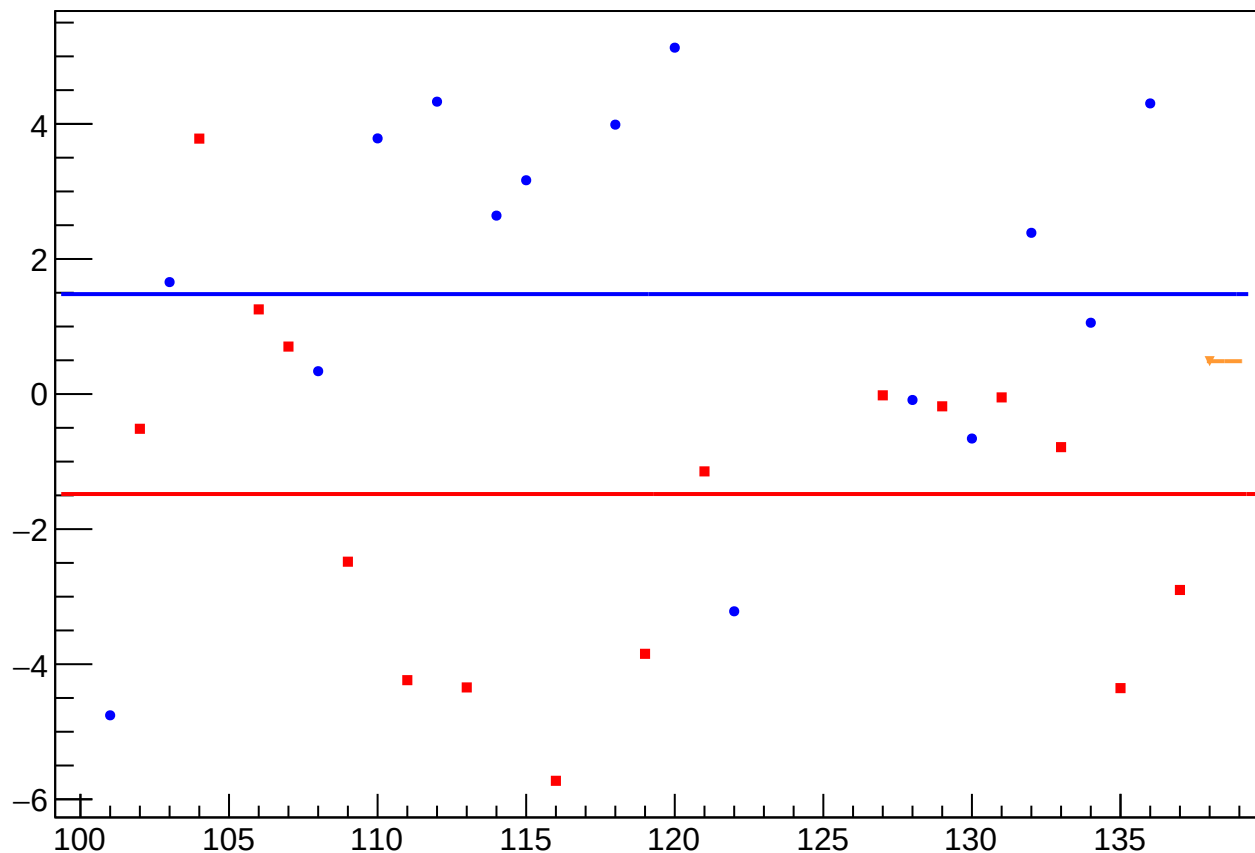
Right In: 4.495 ± 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14
 Left Out: 1.316 ± 0.000 χ^2/NDF : 3.8/0
 Right Out: -3.852 ± 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 4.495 ± 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14
 Out: -3.311 ± 0.000 χ^2/NDF : 14180223068447061
 All: 0.323 ± 0.000 χ^2/NDF : 60587240870290

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



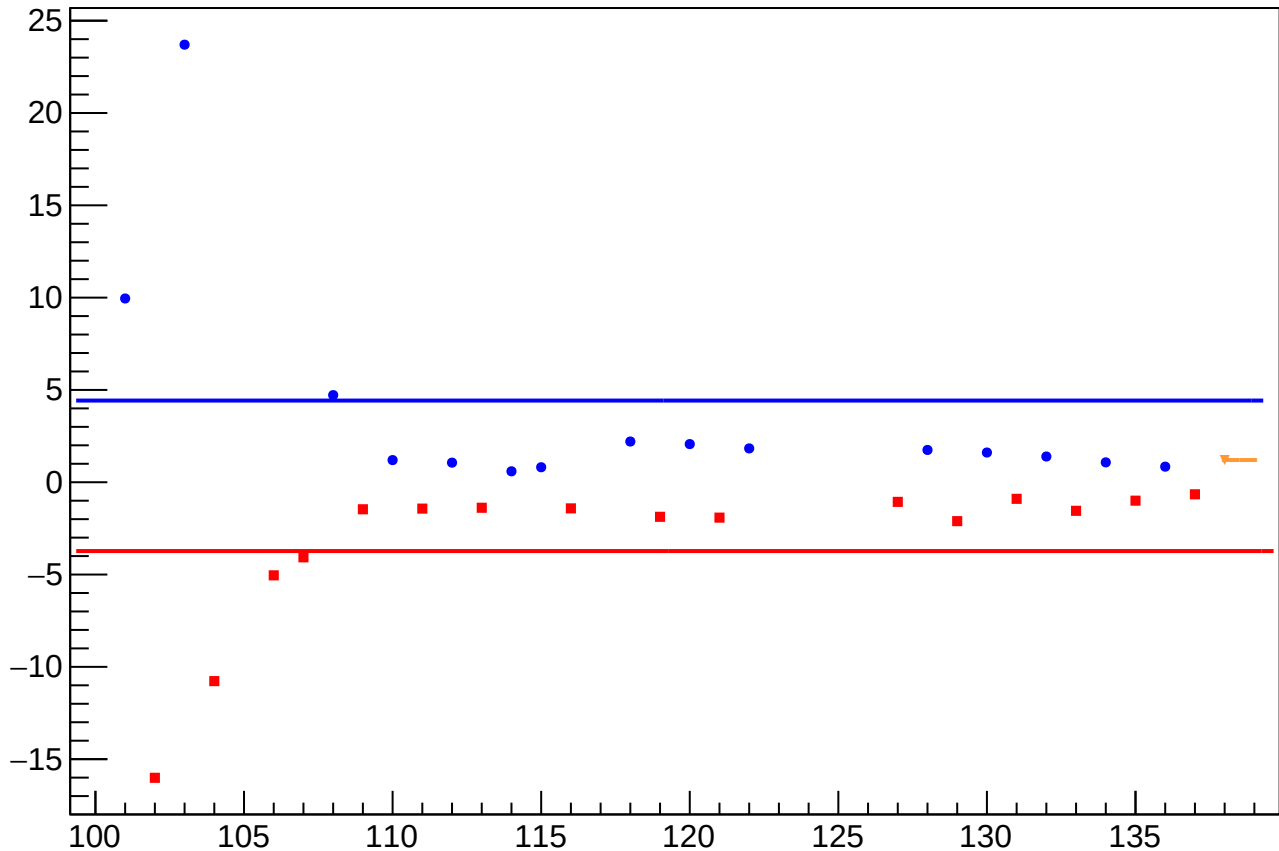
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Out: -798.647+/-0.000 χ^2/NDF : 271360171639576.0/15
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402.0/30

dit_4eX_coil6_mean vs Slug, Sign Corrected



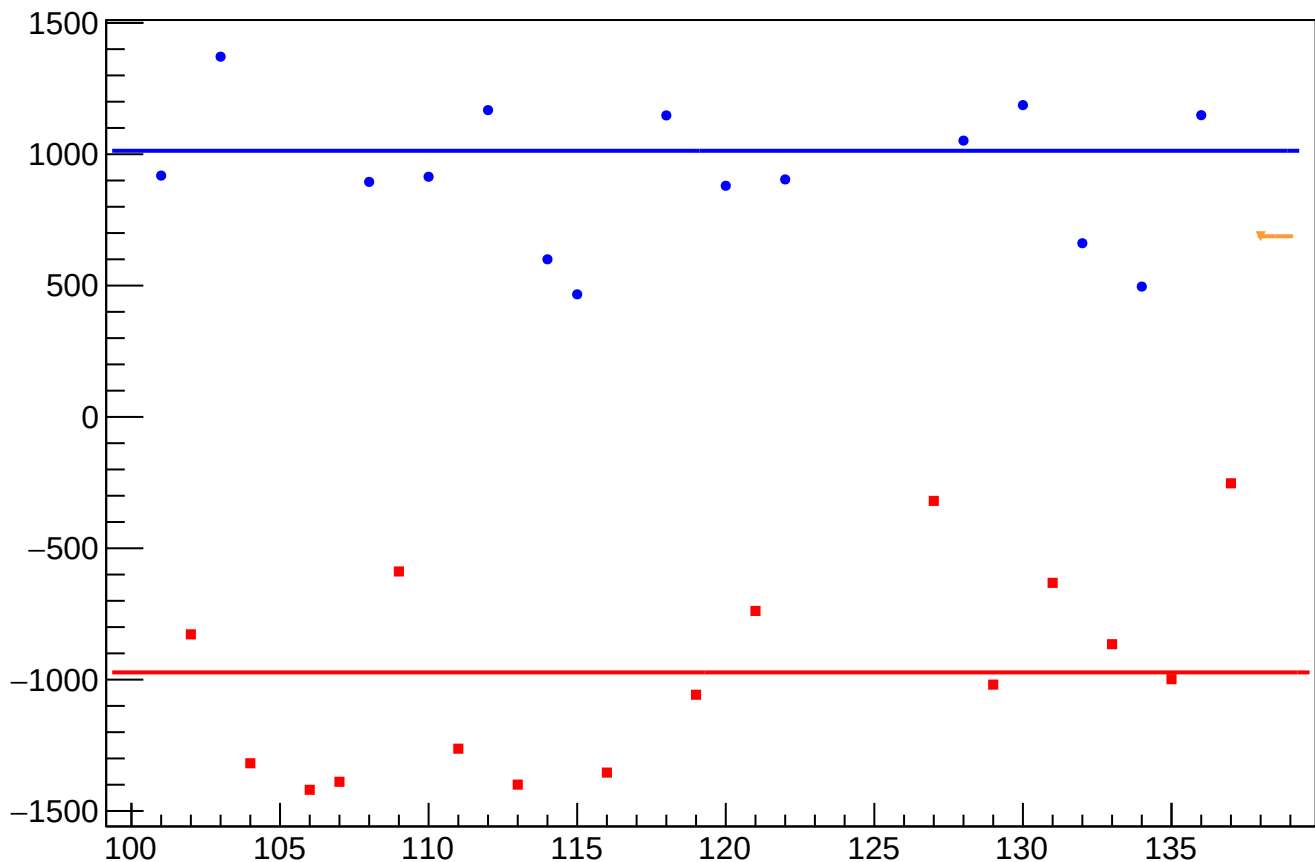
Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Left Out: 0.487+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Out: -1.274+/-0.000 χ^2/NDF : 43628043894164133
 All: 0.008+/-0.000 χ^2/NDF : 12793625750858

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



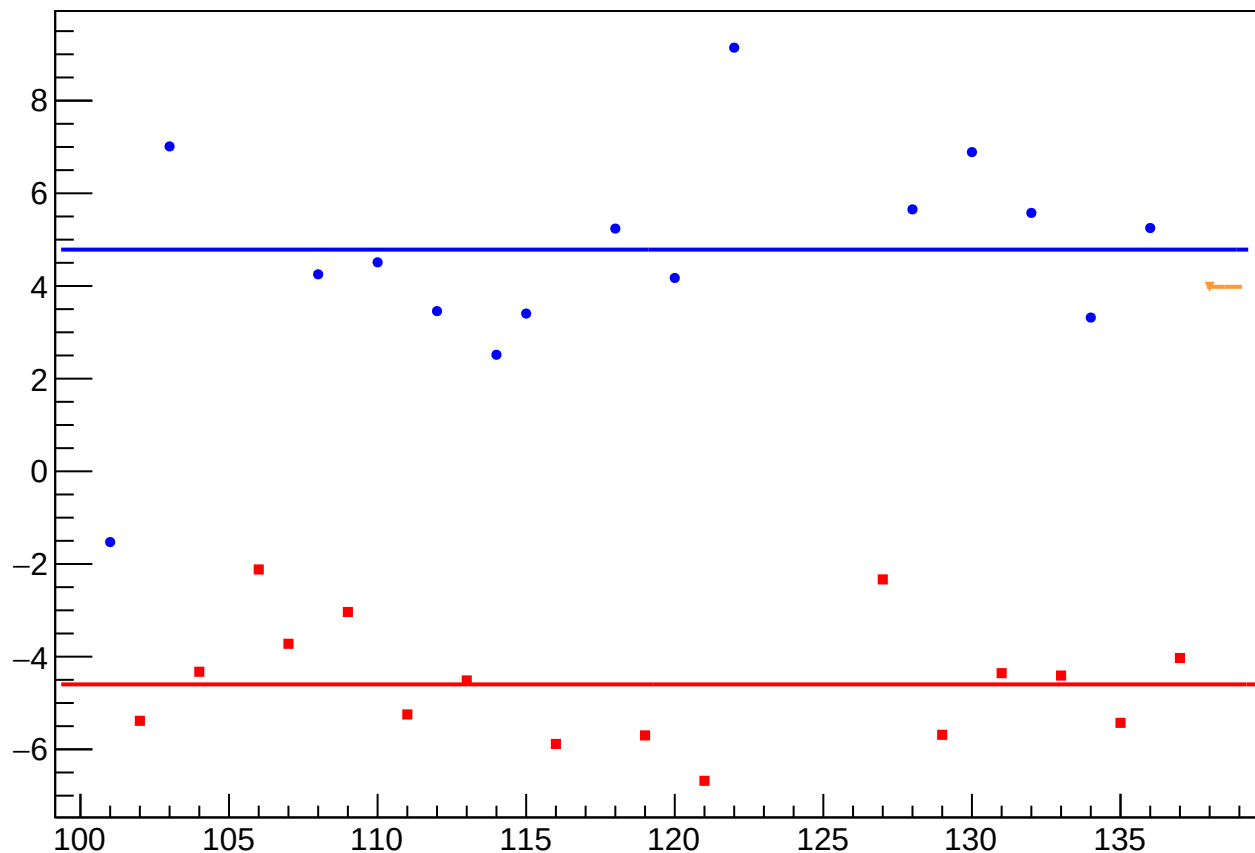
Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Left Out: 1.203+/-0.000 χ^2/NDF : 3.8/0
 Right Out: -3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Out: -3.211+/-0.000 χ^2/NDF : 15689208241295182
 All: 0.344+/-0.000 χ^2/NDF : 6416746442053

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



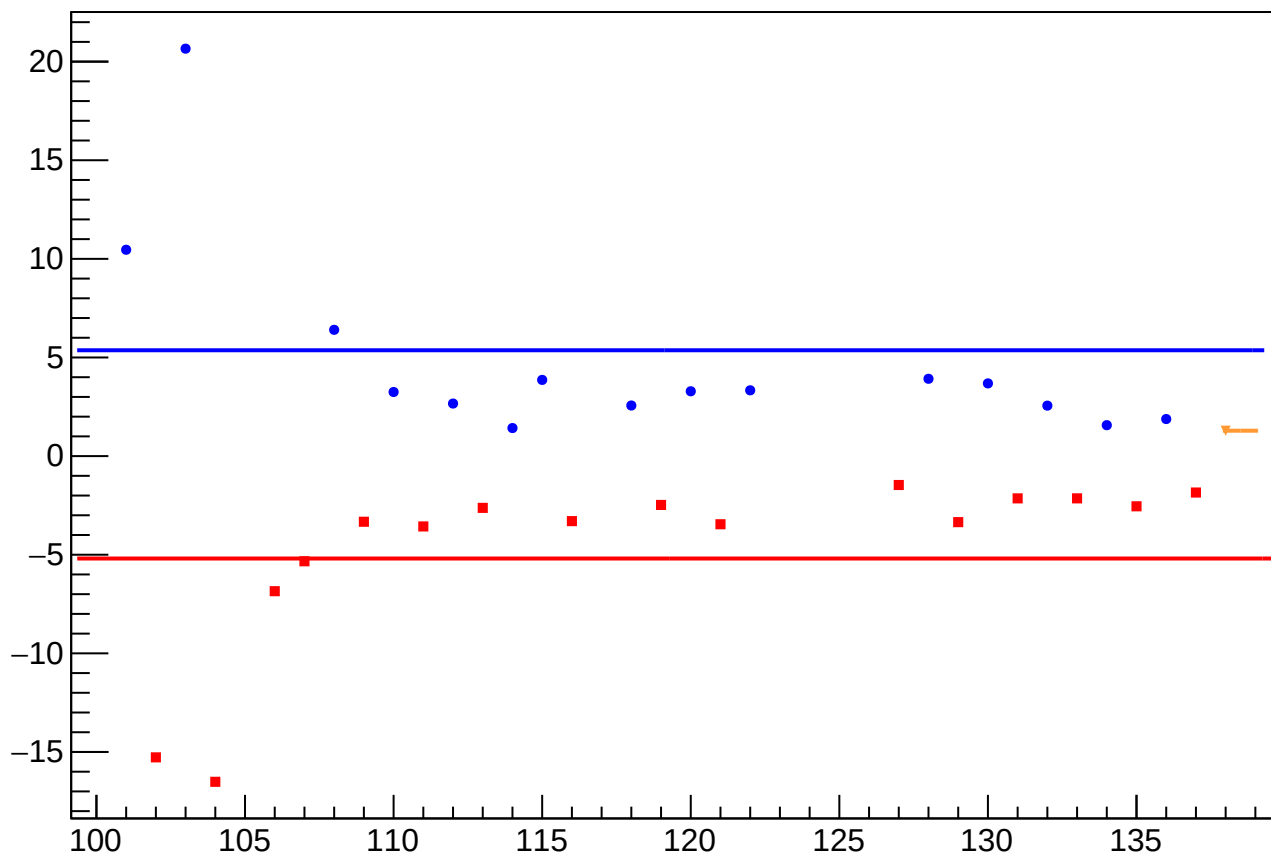
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_11X12X_coil6_mean vs Slug, Sign Corrected



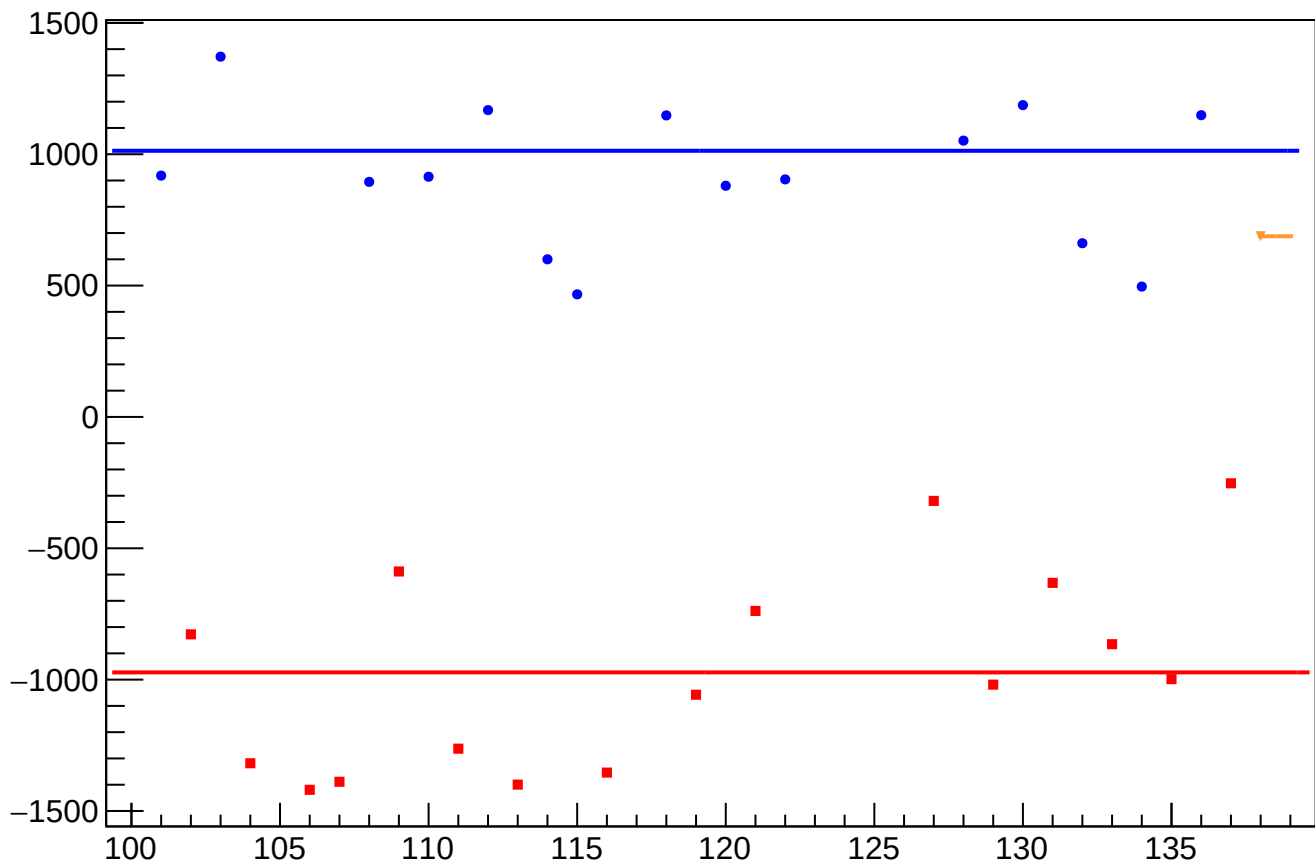
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14
 Left Out: 3.982+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14
 Out: -3.700+/-0.000 χ^2/NDF : 61308496420552172.0/14
 All: 0.250+/-0.000 χ^2/NDF : 35099074617485.0/14

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



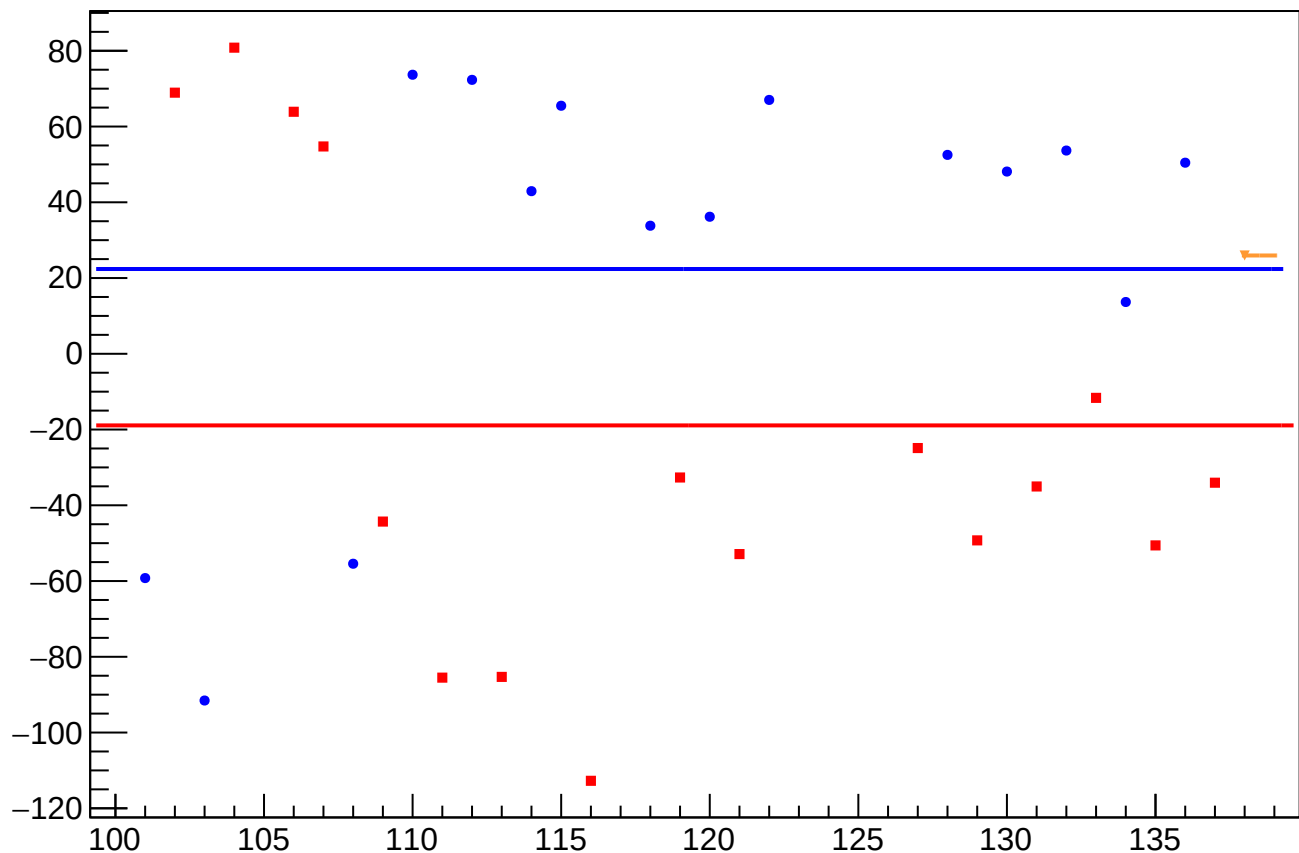
Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14
 Left Out: 1.288+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.086+/-0.000 χ^2/NDF : 71318833215145

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



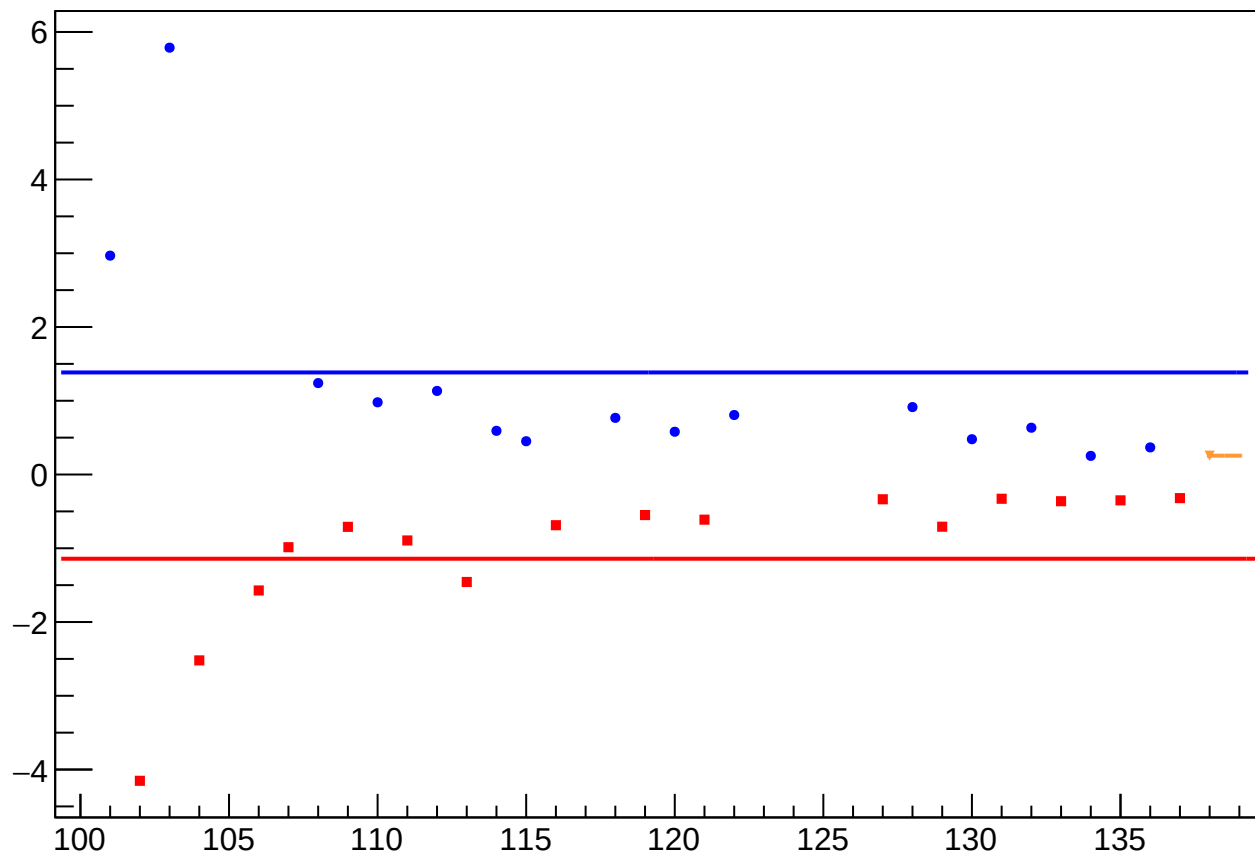
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Out: -798.647+/-0.000 χ^2/NDF : 271360171639576.0/15
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402.0/15

dit_4aY_coil6_mean vs Slug, Sign Corrected



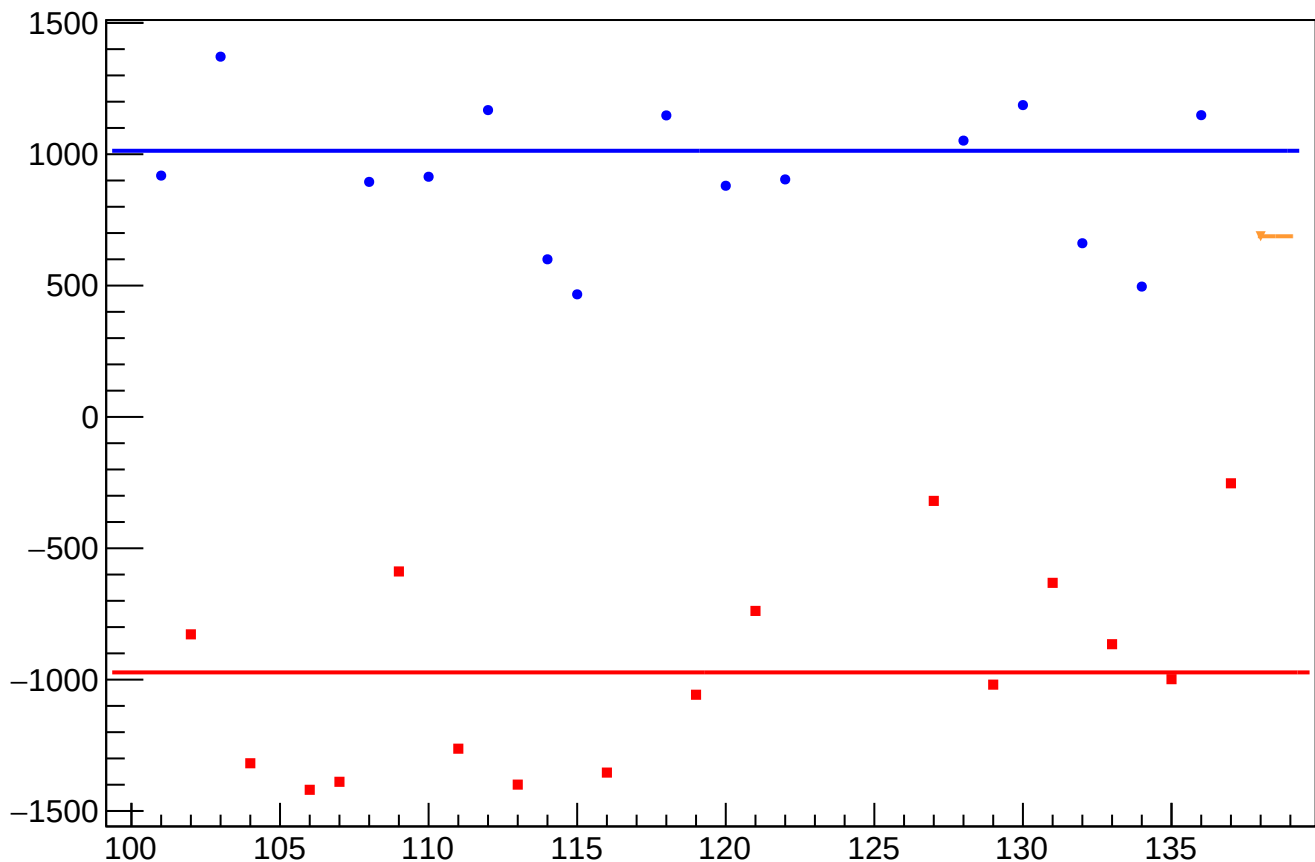
Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14
 Left Out: 25.956+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14
 Out: -14.210+/-0.000 χ^2/NDF : 2322778591023381.0/14
 All: 2.827+/-0.000 χ^2/NDF : 47095245085386.0/14

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



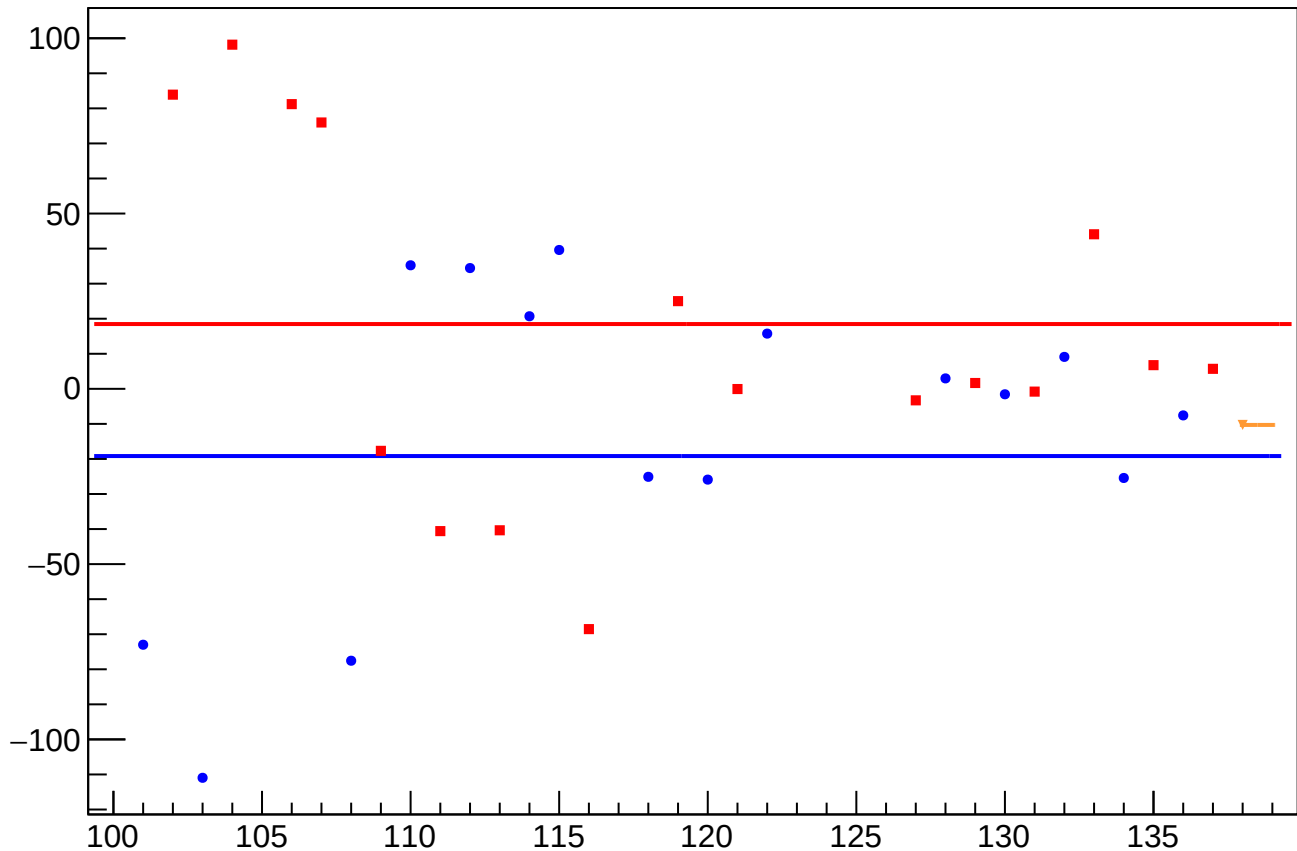
Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.255+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Out: -0.996+/-0.000 χ^2/NDF : 94700615536576984.0/14
 All: 0.112+/-0.000 χ^2/NDF : 44819876957163.0/14

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175+/-0.000

Left Out: -10.298+/-0.000

Right Out: 18.479+/-0.000

Left In: 0.000+/-0.000

χ^2/NDF : 1246364705689764961102868160463241216.0/14

χ^2/NDF : 246.1/0

χ^2/NDF : 1489398115046175180640331393369374720.0/15

χ^2/NDF : 0.0/0

Left: -10.298+/-0.000

Right: -0.091+/-0.000

In: -19.175+/-0.000

Out: 15.466+/-0.000

χ^2/NDF : 246.1/0

χ^2/NDF : 3202145485356183

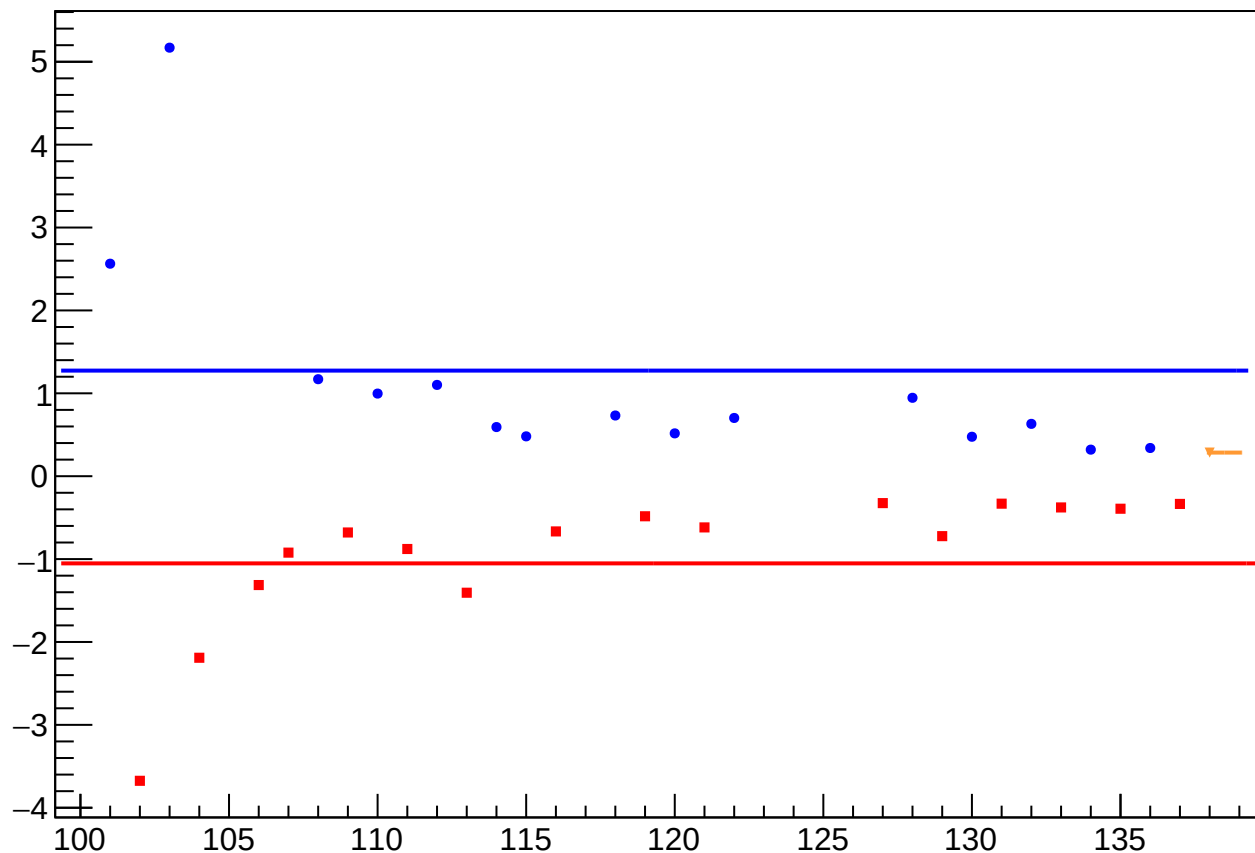
χ^2/NDF : 12463647056897649

χ^2/NDF : 15472295861298689

All: -0.662+/-0.000

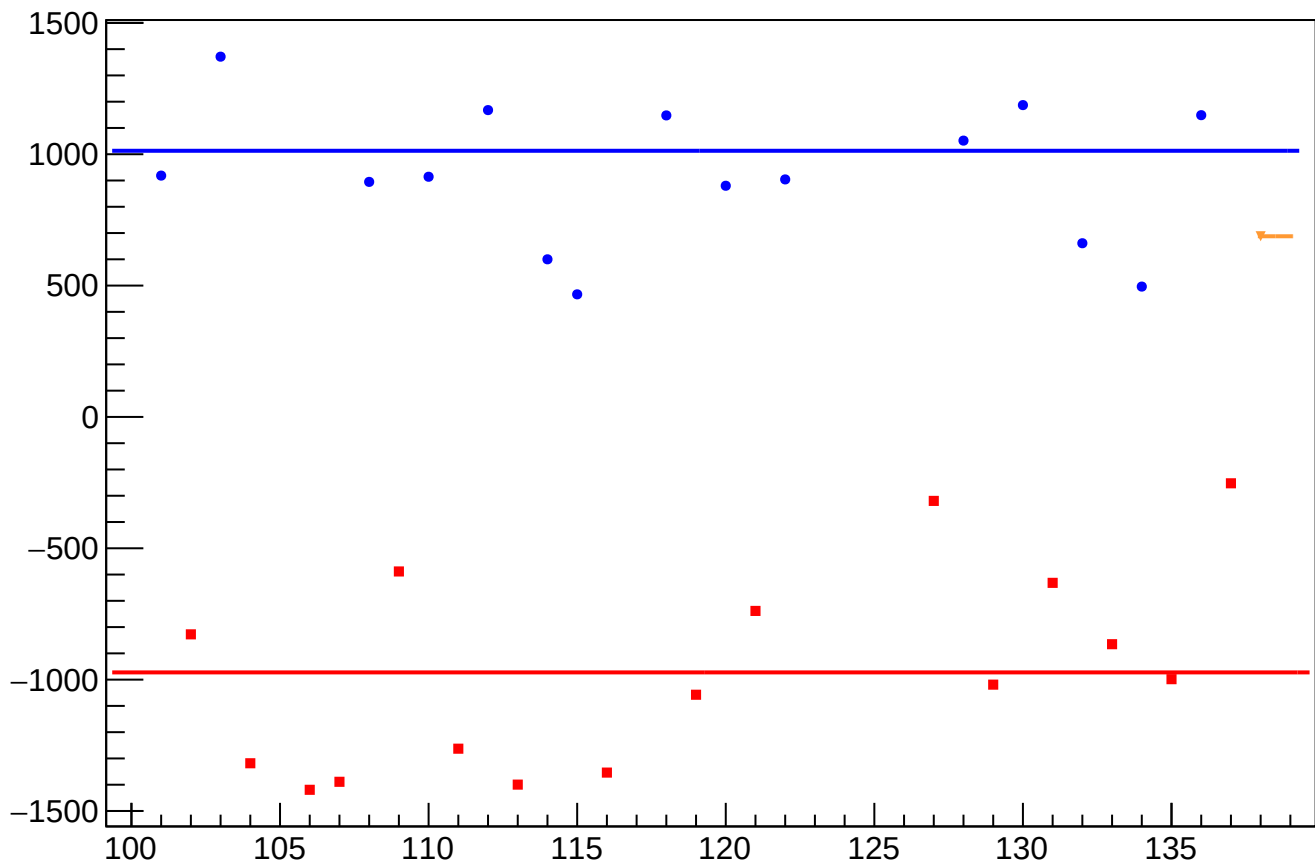
χ^2/NDF : 3209818092777

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



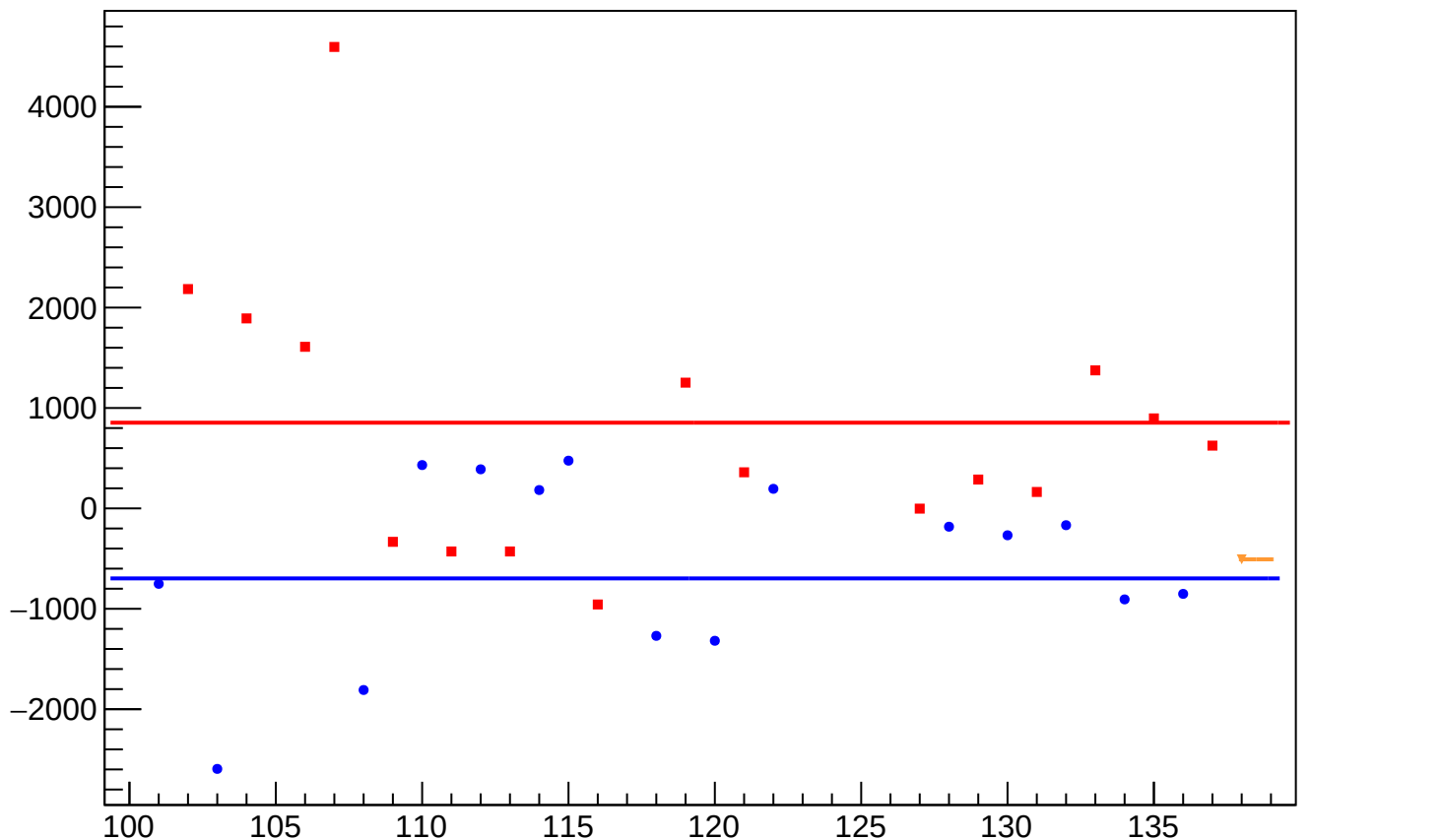
Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.285+/-0.000 χ^2/NDF : 0.2/0
 Right Out: -1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.106+/-0.000 χ^2/NDF : 36013853013513

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



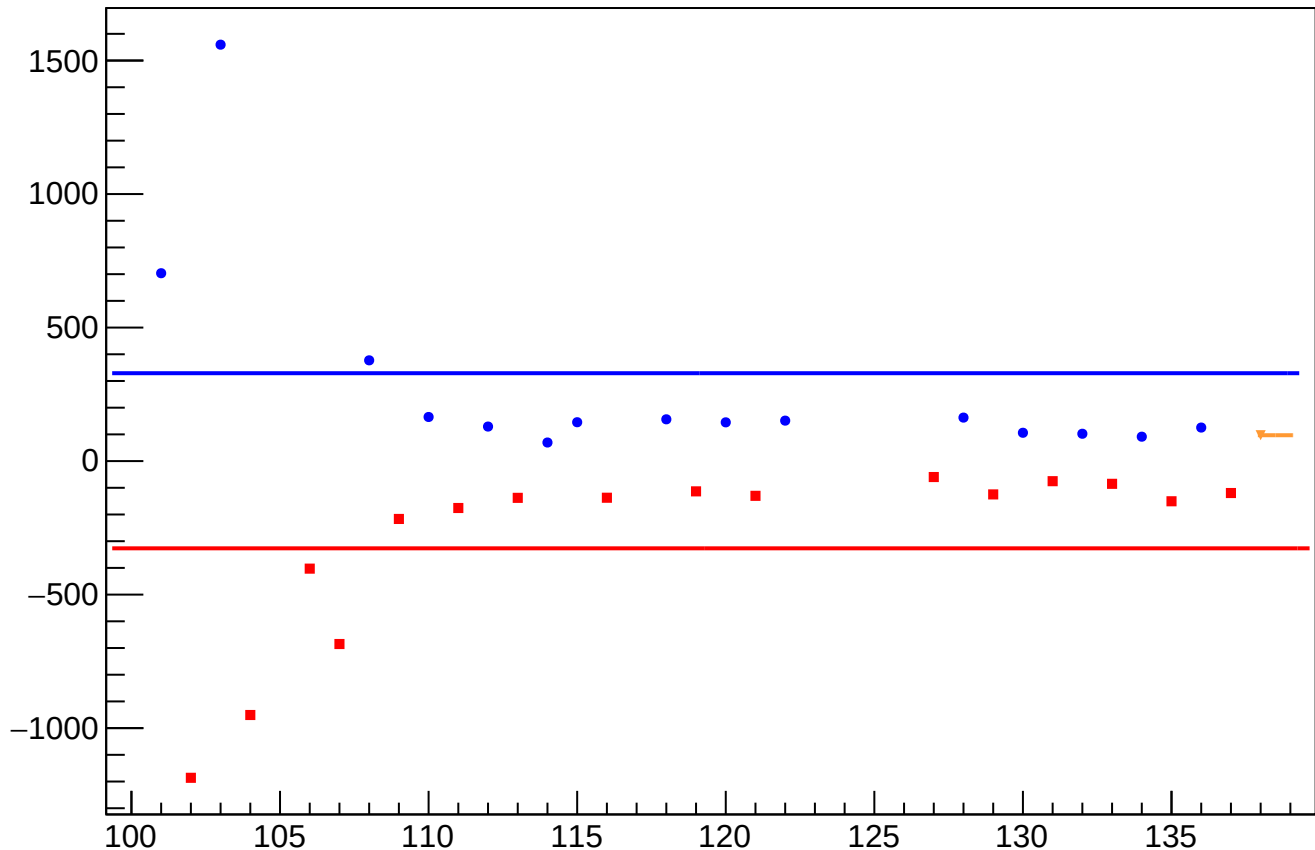
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF :1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 In: 1013.146+/-0.000 χ^2/NDF :31721270909522099205936100724856324096.0/14
 Out: -798.647+/-0.000 χ^2/NDF :271360171639576.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



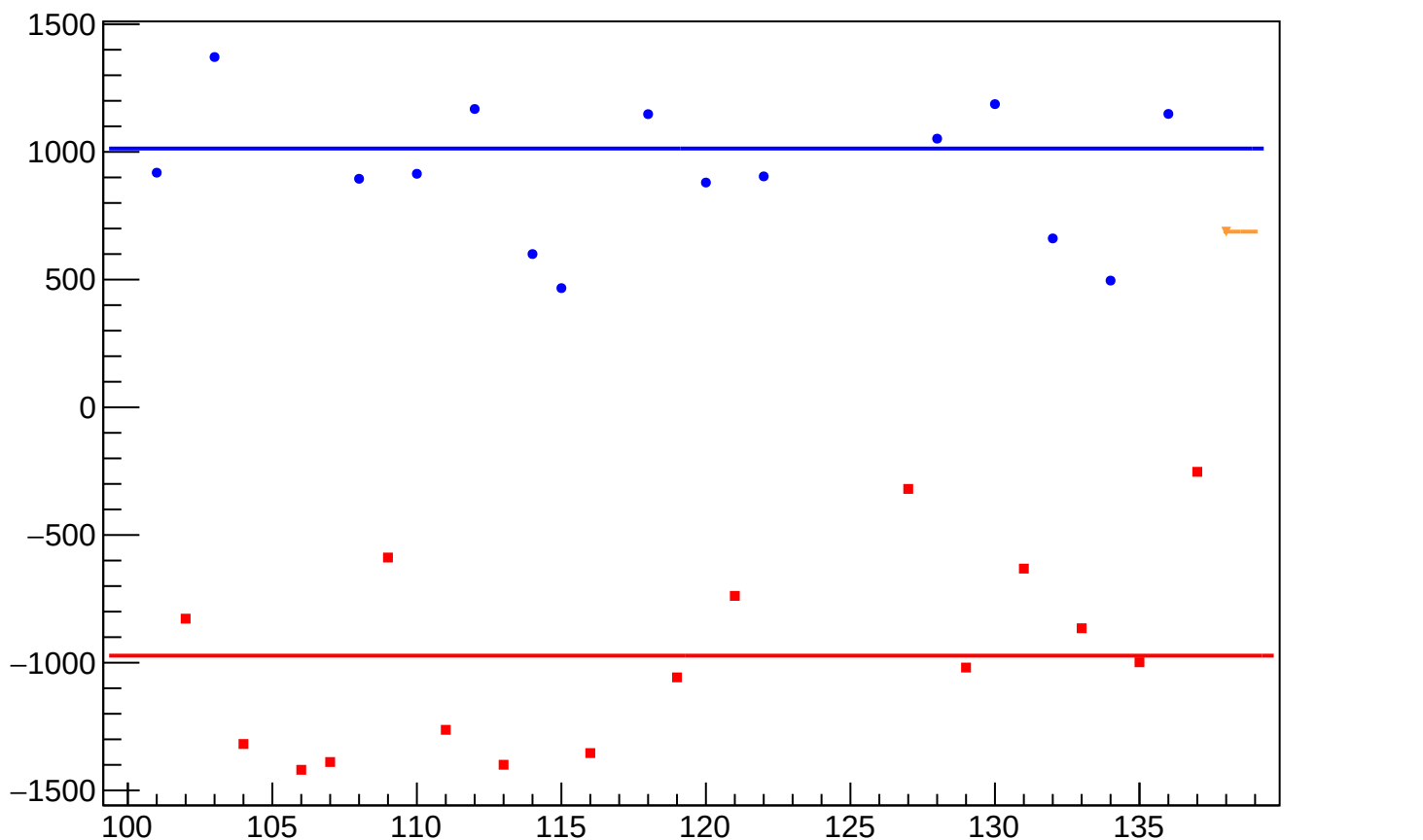
Left: -507.560+/-0.000 χ^2/NDF : 252031.6/0
 Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14
 Left Out: -507.560+/-0.000 χ^2/NDF : 252031.6/0
 Right: 88.833+/-0.000 χ^2/NDF : 2360125827736184
 In: -697.283+/-0.000 χ^2/NDF : 4904357906981338
 Out: 711.209+/-0.000 χ^2/NDF : 1207788923842723
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 55.462+/-0.000 χ^2/NDF : 238631682144

dit_usl_coil6_err_mean vs Slug, Sign Corrected



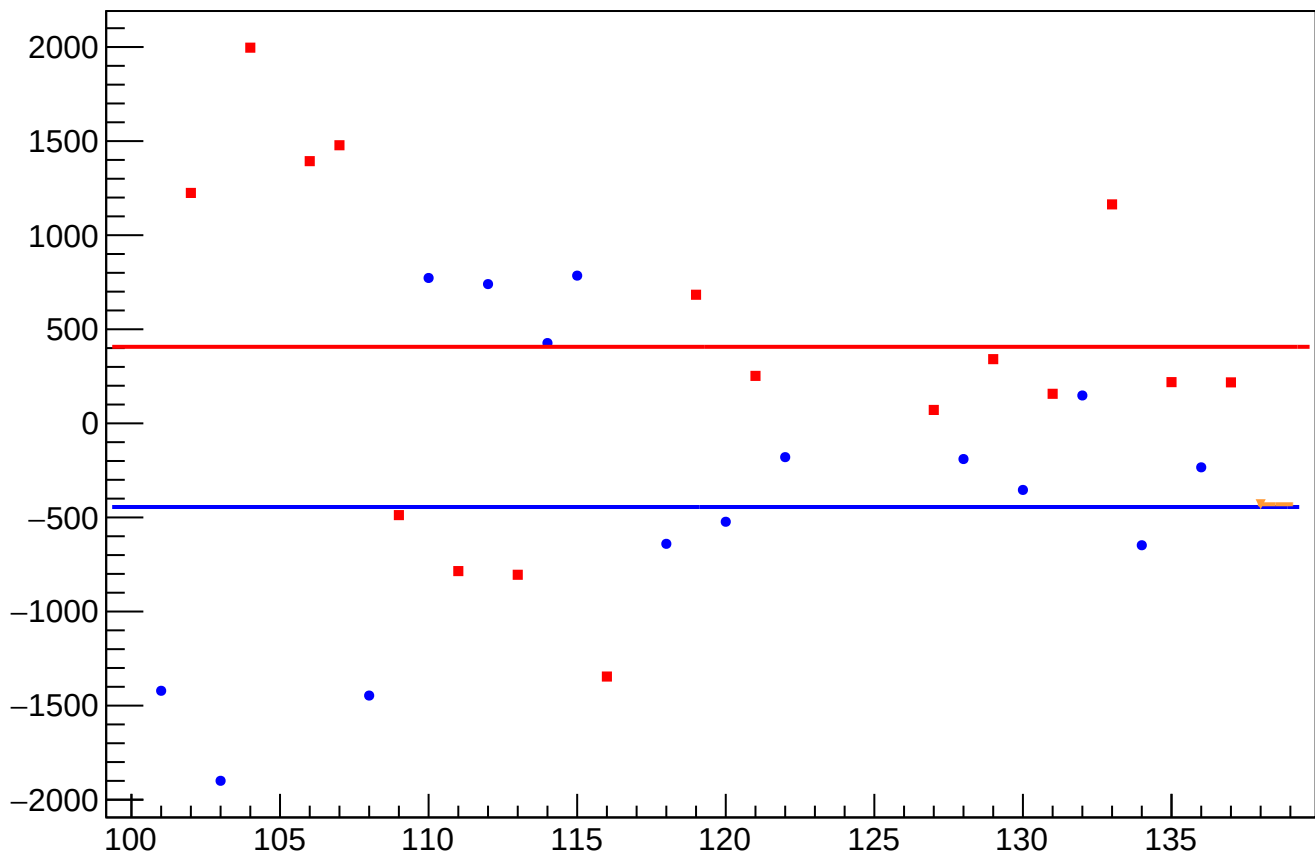
Left: 96.861+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.278+/-0.000 χ^2/NDF : 3459018192319126
 Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14
 Left Out: 96.861+/-0.000 χ^2/NDF : 0.0/0
 In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14
 Right Out: -326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15
 Out: -282.349+/-0.000 χ^2/NDF : 100097198990545
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.325+/-0.000 χ^2/NDF : 3466402229008

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -444.512+/-0.000

χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left: -430.018+/-0.000 χ^2/NDF : 252031.6/0

Right: -13.070+/-0.000

χ^2/NDF : 116395703795034.0/14

Left Out: -430.018+/-0.000

χ^2/NDF : 252031.6/0

Right Out: 406.729+/-0.000

χ^2/NDF : 529122421866774810012941782239129108480.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

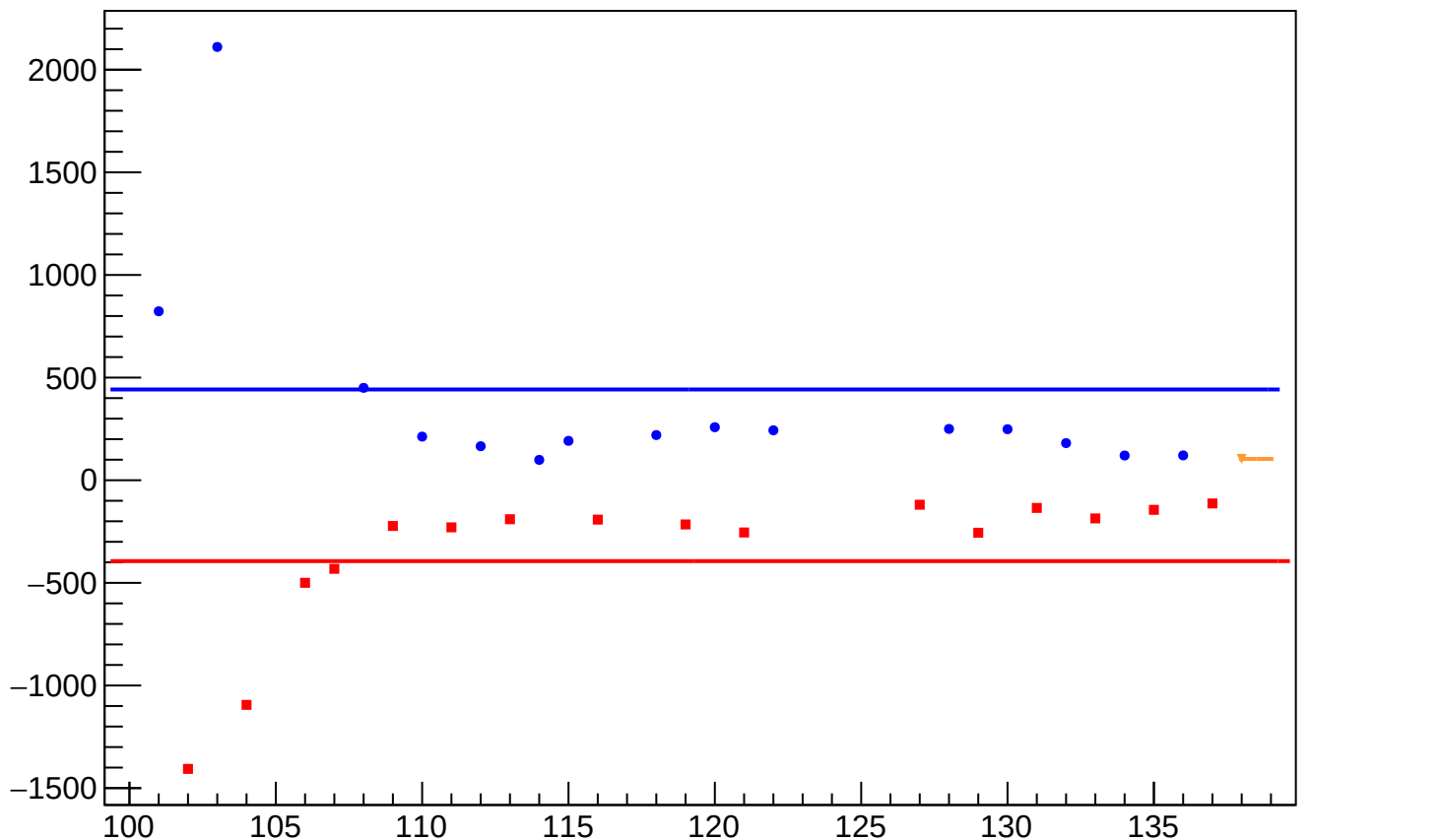
In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14

Out: 319.124+/-0.000 χ^2/NDF : 5780161334882768.0/15

All: -36.400+/-0.000

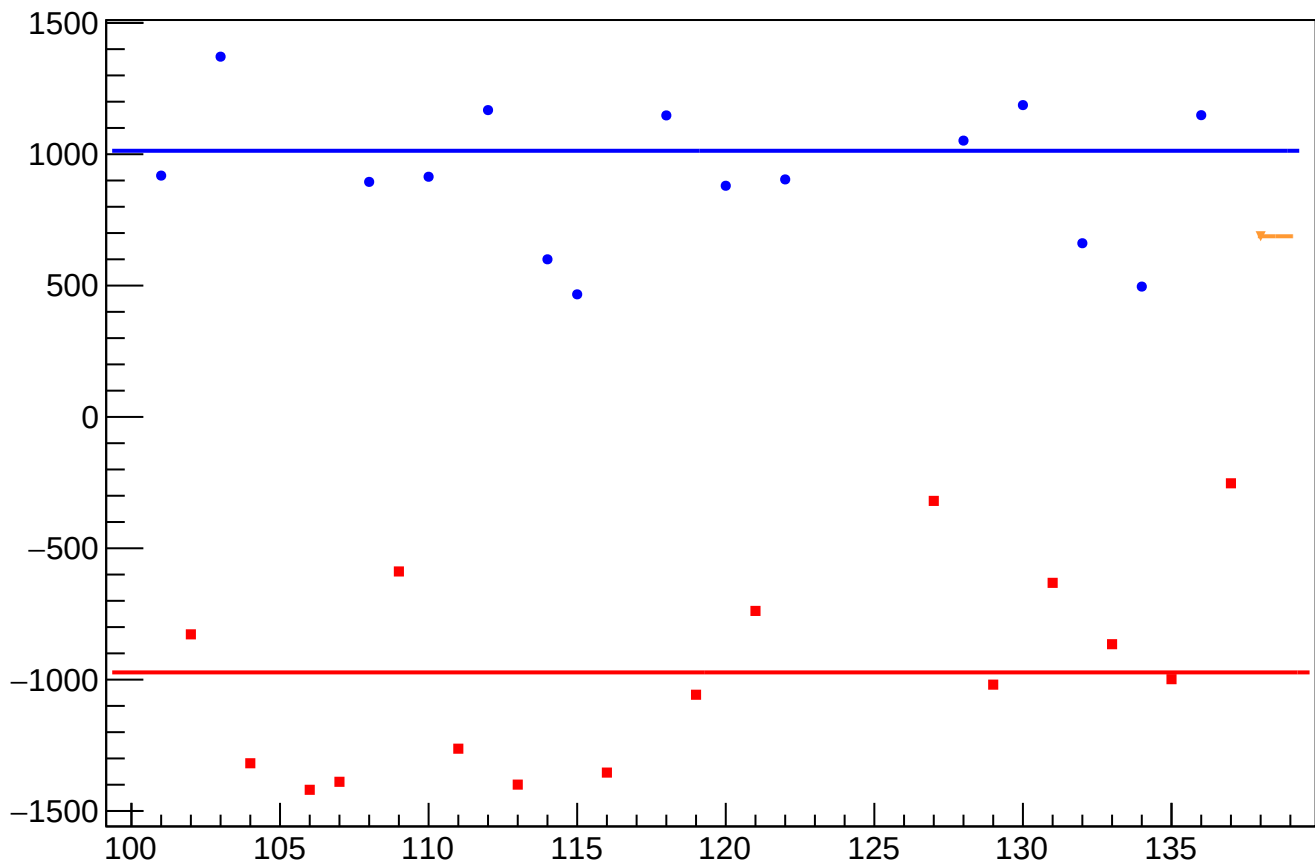
χ^2/NDF : 117675828463.0/30

dit_usr_coil6_err_mean vs Slug, Sign Corrected



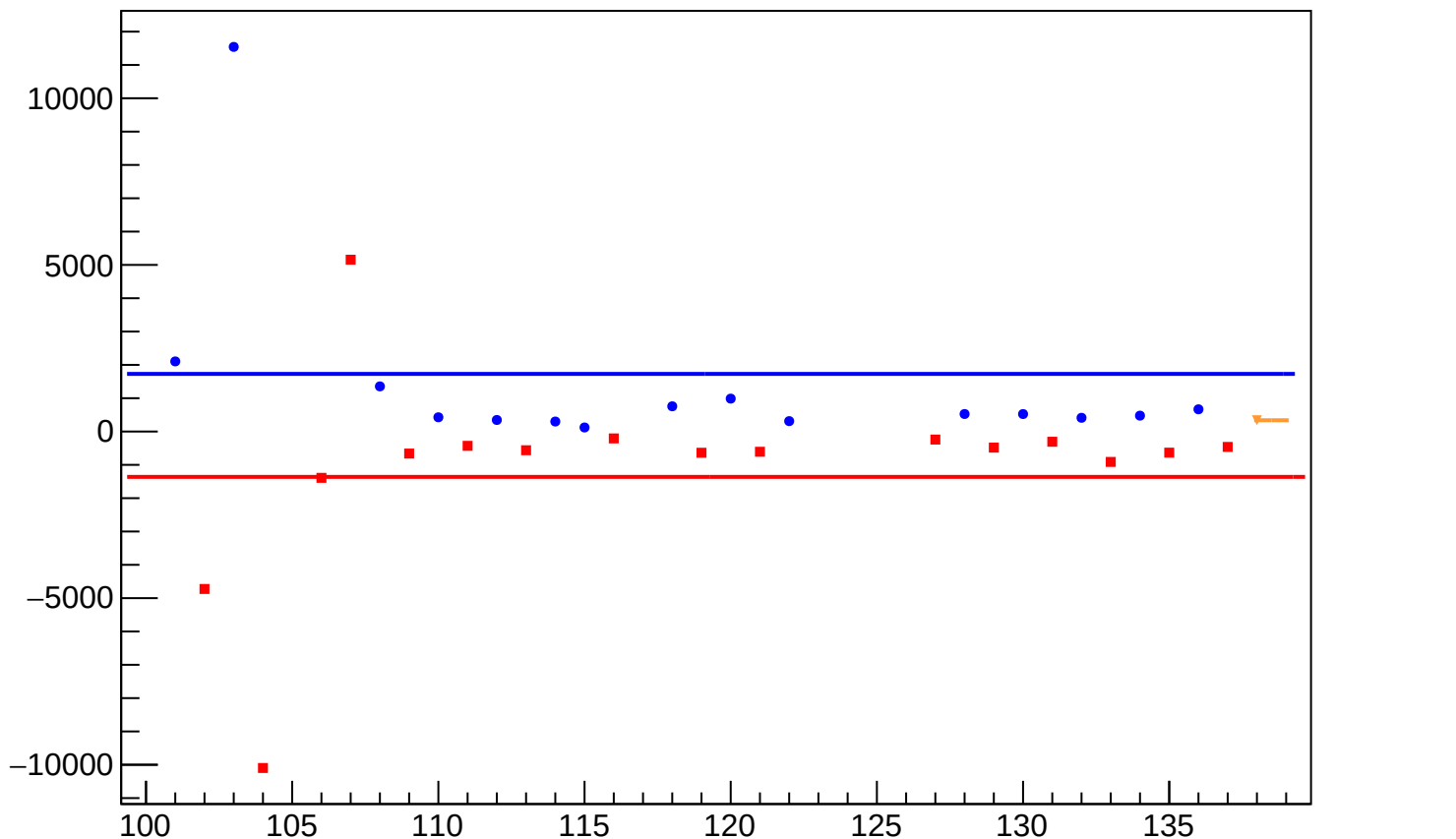
Right In: 442.162+/-0.000	χ^2/NDF : 204015999343694089140945697316947361792.0/14	Left: 103.941+/-0.000	χ^2/NDF : 0.0/0
Left Out: 103.941+/-0.000	χ^2/NDF : 0.0/0	Right: 18.346+/-0.000	χ^2/NDF : 5398999467995186
Right Out: -394.033+/-0.000	χ^2/NDF : 105882611624182009489804426207740035072.0/15	In: 442.162+/-0.000	χ^2/NDF : 204015999343694089140945697316947361792.0/14
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: -341.897+/-0.000	χ^2/NDF : 123199822863570
		All: 23.135+/-0.000	χ^2/NDF : 5404394399704

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



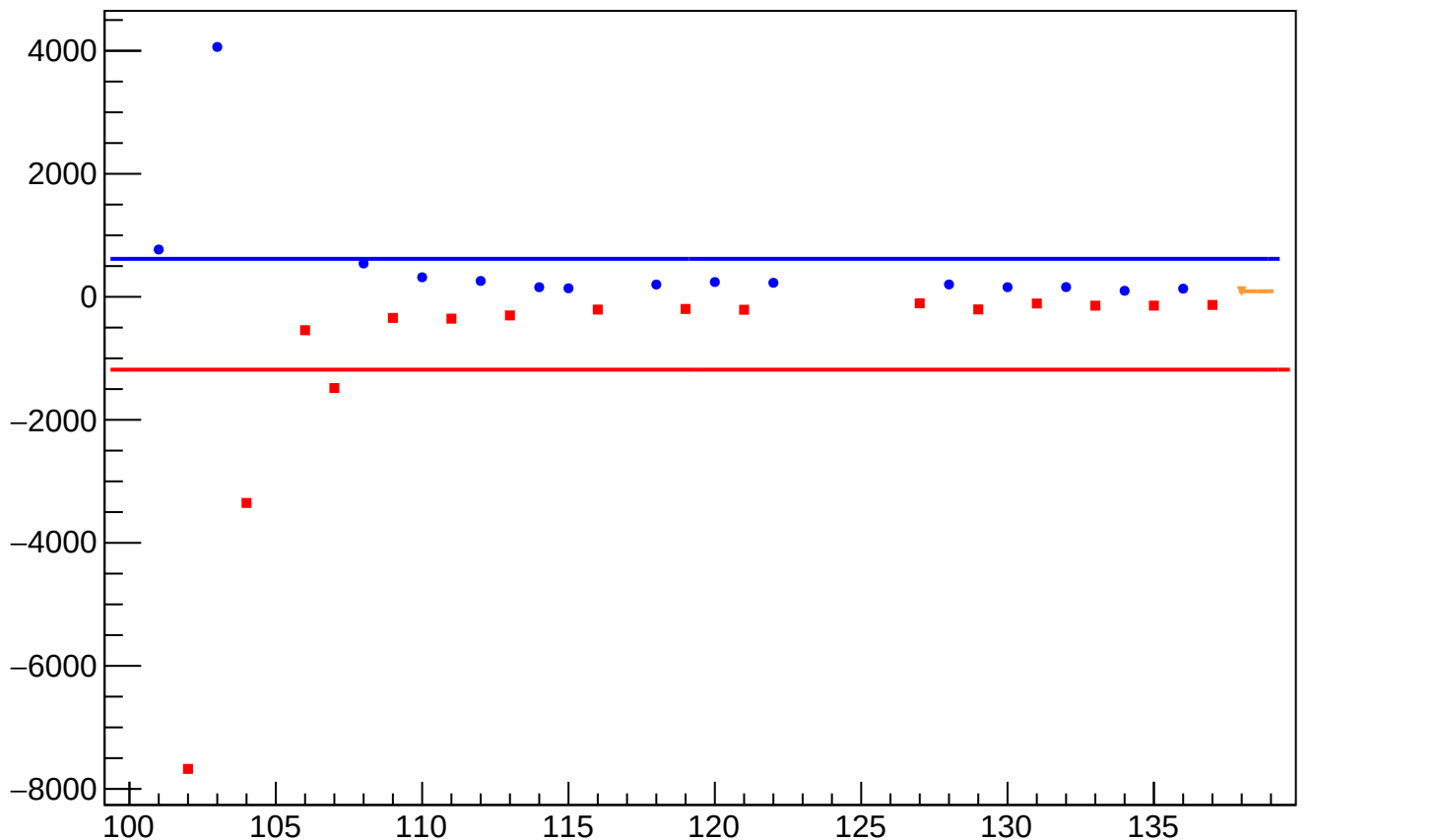
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_atl1_coil6_mean vs Slug, Sign Corrected



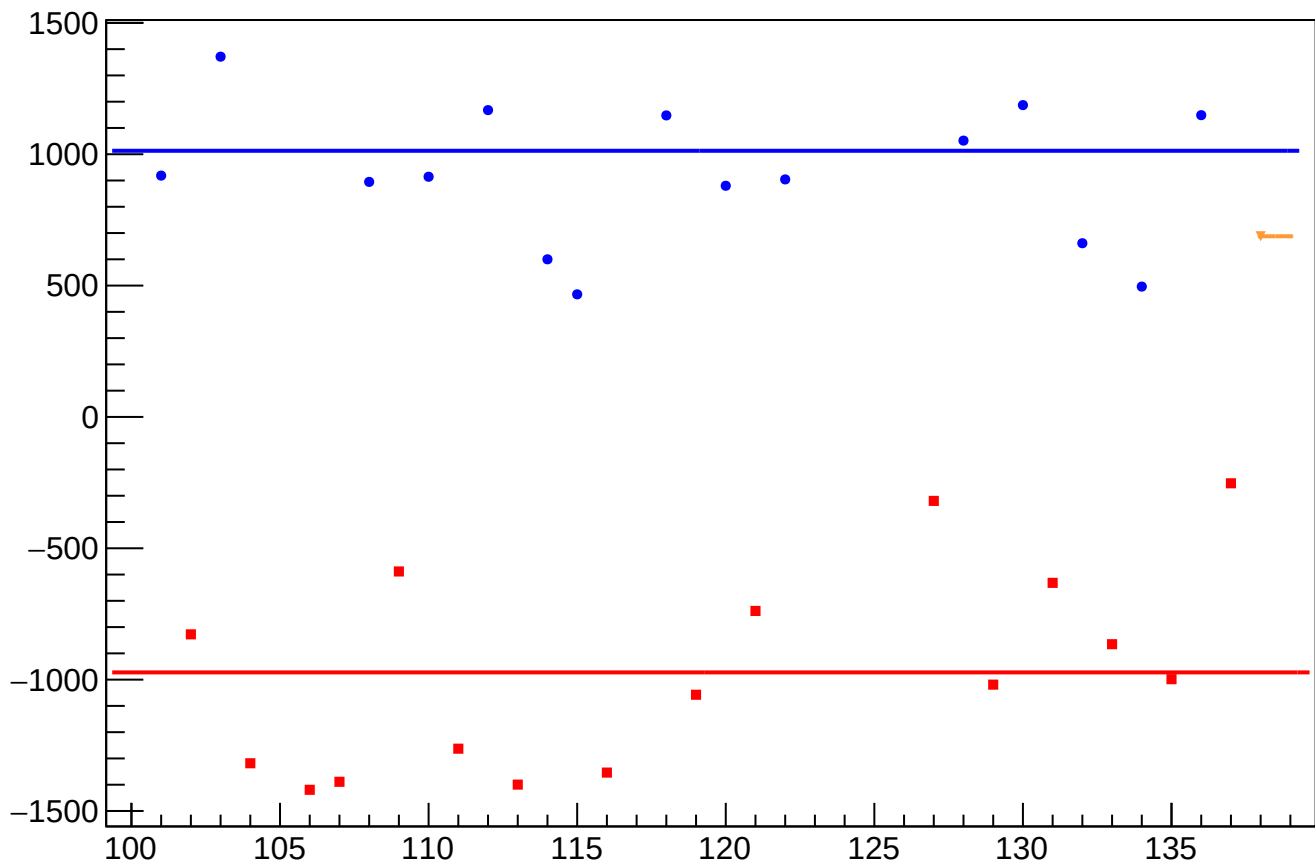
Left: 338.588+/-0.000 χ^2/NDF : 0.0/0
 Right: 162.918+/-0.000 χ^2/NDF : 159853161210173
 In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Out: -1182.979+/-0.000 χ^2/NDF : 66333066512157
 All: 172.748+/-0.000 χ^2/NDF : 159875885124
 Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 338.588+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



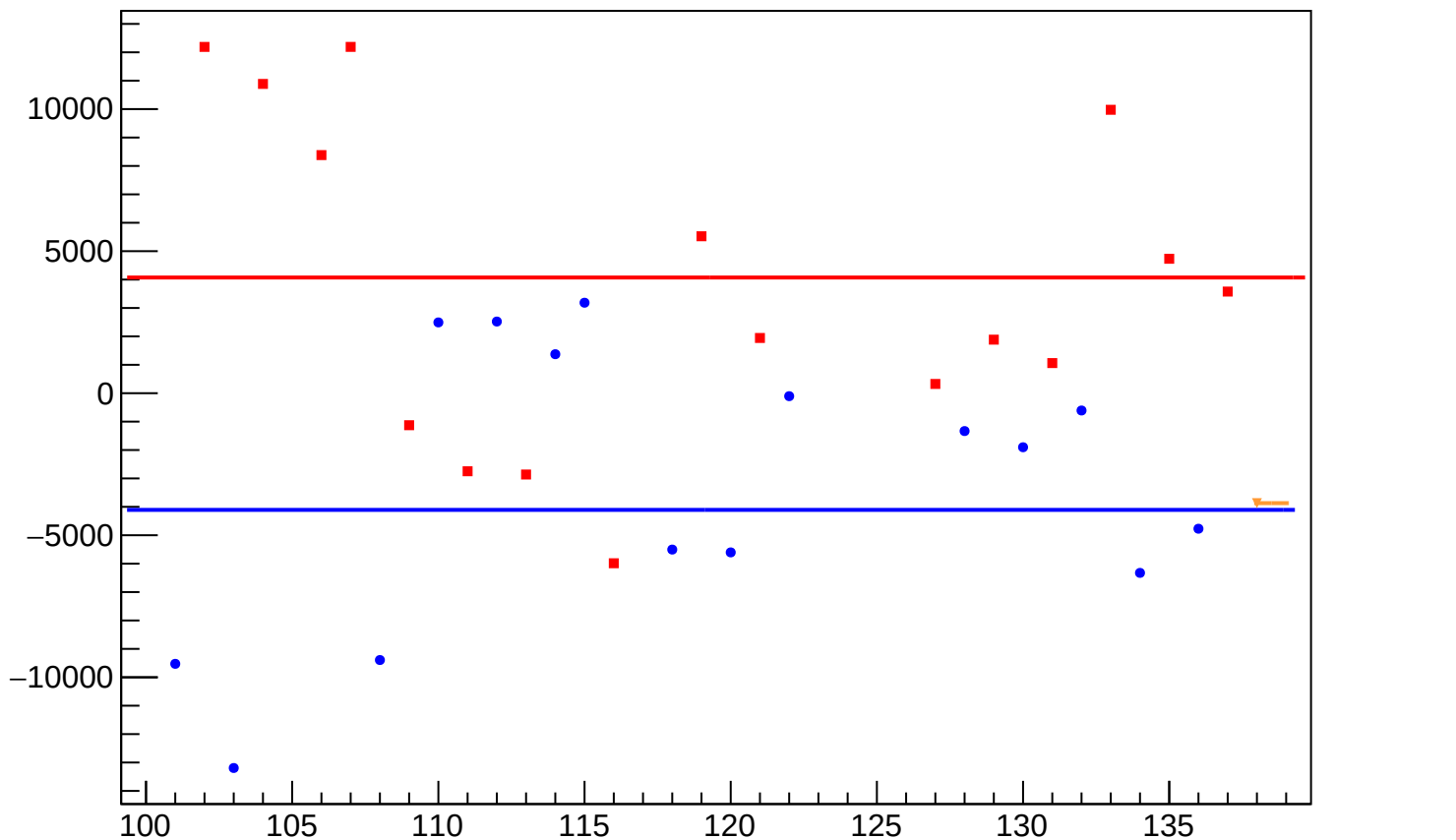
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14
 Left Out: 90.433+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14
 Out: -1050.857+/-0.000 χ^2/NDF : 32809025625477
 All: -274.199+/-0.000 χ^2/NDF : 50385071148

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF :1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 In: 1013.146+/-0.000 χ^2/NDF :31721270909522099205936100724856324096.0/14
 Out: -798.647+/-0.000 χ^2/NDF :271360171639576
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: -4107.443+/-0.000

Left Out: -3869.841+/-0.000

Right Out: 4072.120+/-0.000

Left In: 0.000+/-0.000

χ^2/NDF : 14527436324982031454277780831211819630592.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 20367171423690168095778854678764929941504.0/15

χ^2/NDF : 0.0/0

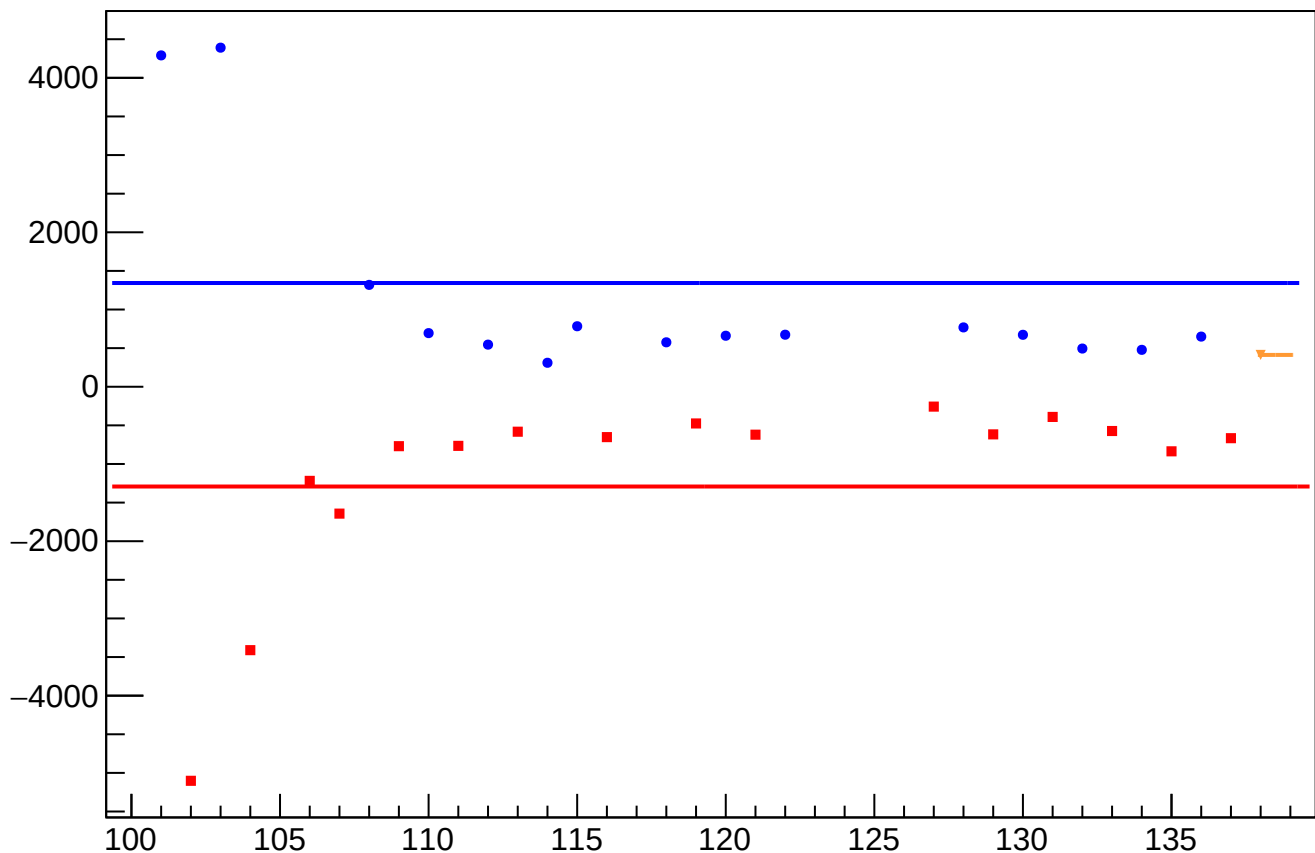
Left: -3869.841+/-0.000 χ^2/NDF : 0.0/0
Right: 38.278+/-0.000 χ^2/NDF : 5690231407009786

In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14

Out: 3240.612+/-0.000 χ^2/NDF : 247719041276408

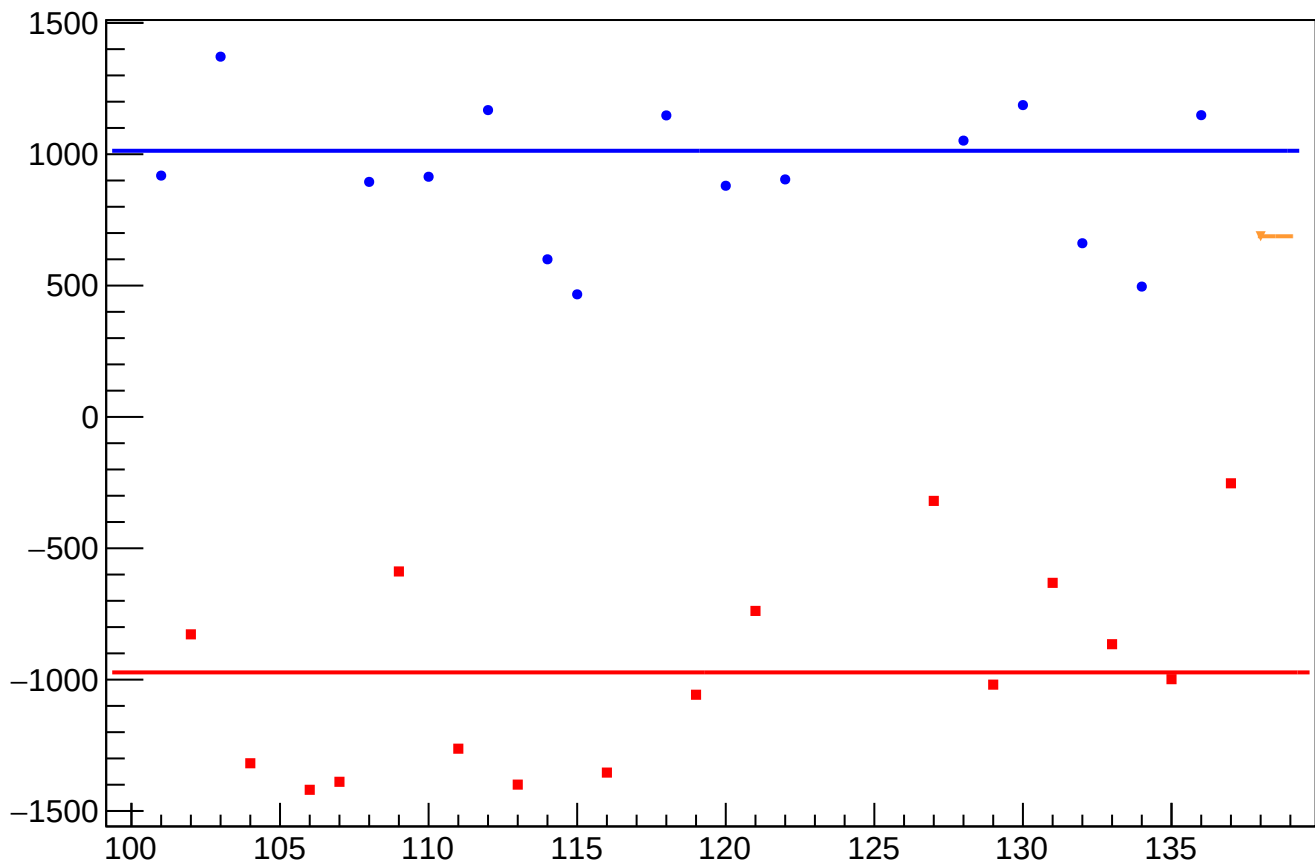
All: -180.398+/-0.000 χ^2/NDF : 58026978797

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



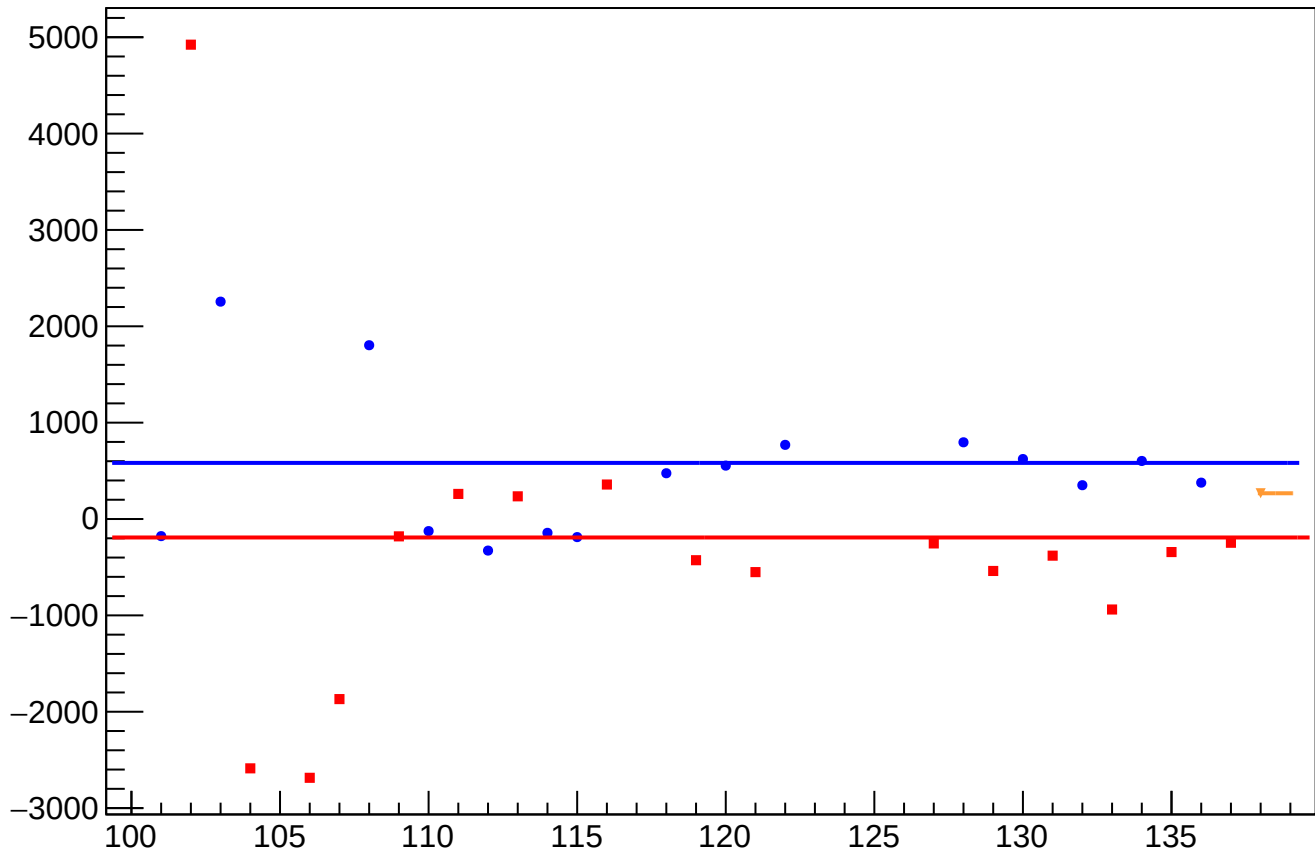
Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 412.144+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Out: -1113.397+/-0.000 χ^2/NDF : 15263246157967
 All: 30.369+/-0.000 χ^2/NDF : 4937186926494

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



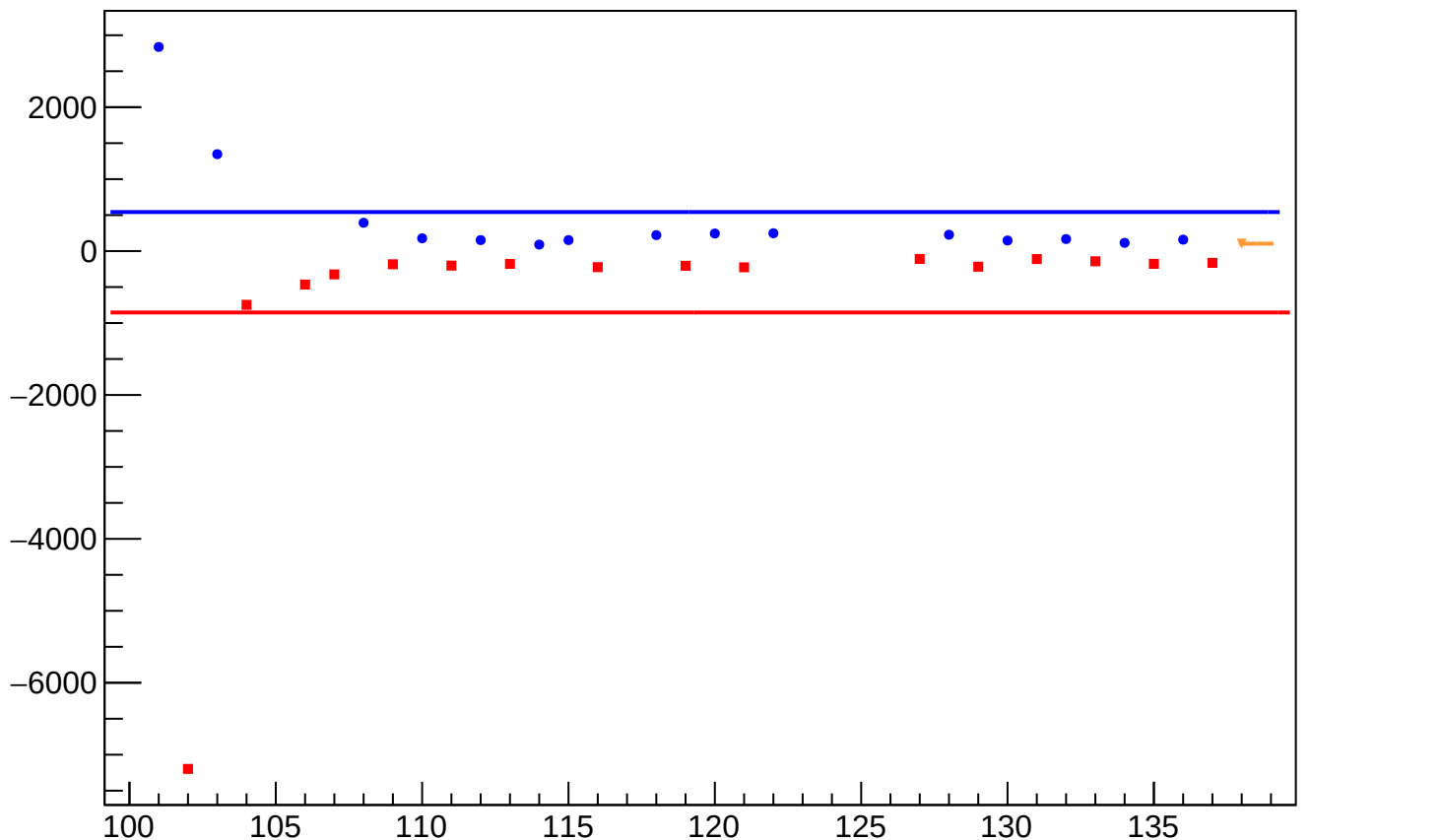
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Out: -798.647+/-0.000 χ^2/NDF : 271360171639576.0/15
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402.0/15

dit_atr1_coil6_mean vs Slug, Sign Corrected



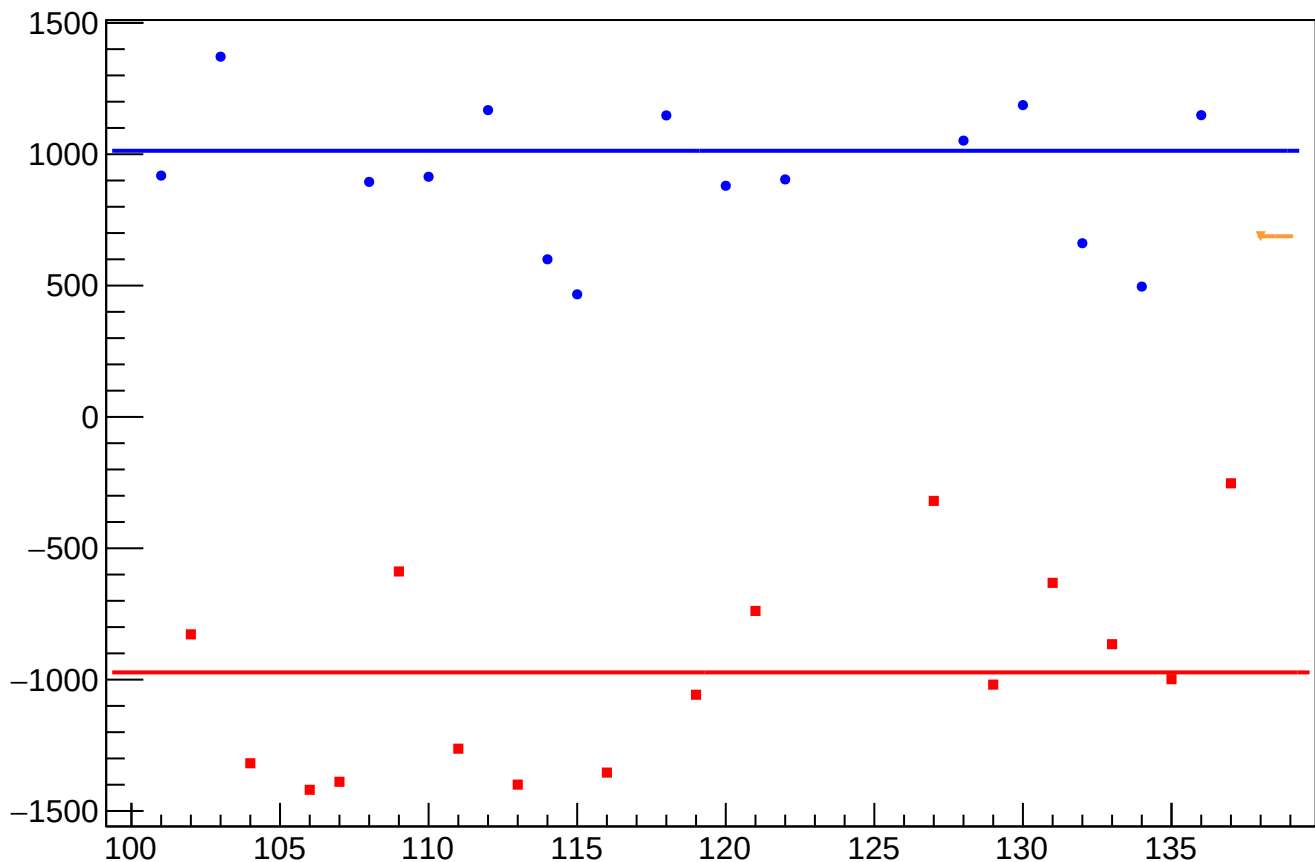
Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14
Left Out: 267.221+/-0.000 χ^2/NDF : 0.0/0
Right Out: -191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 194.423+/-0.000 χ^2/NDF : 27050440253

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



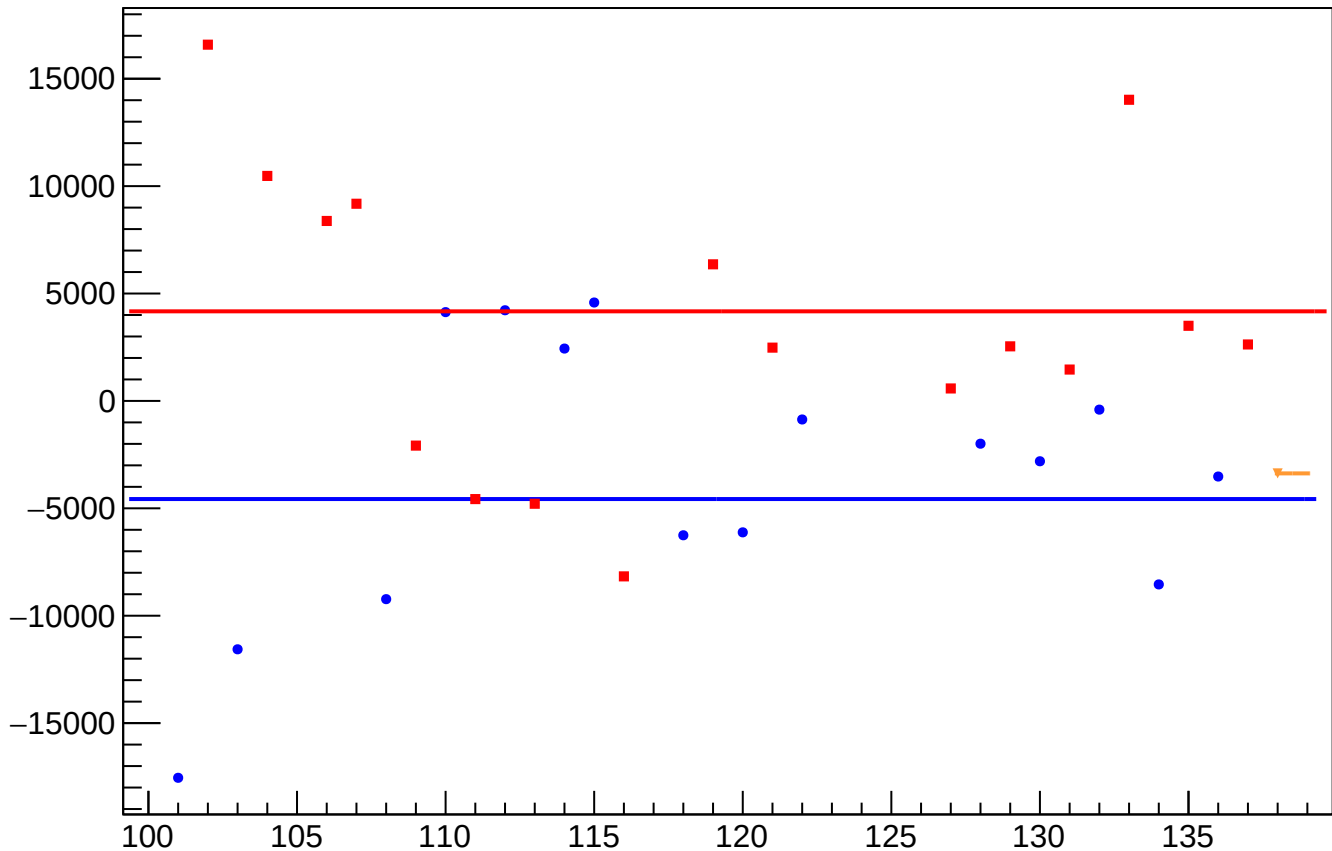
Left: 103.138+/-0.000 χ^2/NDF : 0.0/0
 Right: -164.982+/-0.000 χ^2/NDF : 36290648240362
 Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 In: 542.328+/-0.000 χ^2/NDF : 41437881200379554
 Left Out: 103.138+/-0.000 χ^2/NDF : 0.0/0
 Out: -753.076+/-0.000 χ^2/NDF : 263794530204199
 Right Out: -853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -149.979+/-0.000 χ^2/NDF : 36343583386

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297+/-0.000

χ^2/NDF : 24195052148165719540713110921977756909568.0/14

Left Out: -3373.921+/-0.000

χ^2/NDF : 0.0/0

Right Out: 4170.773+/-0.000

χ^2/NDF : 30967248832187912041113909559481103024128.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -4568.297+/-0.000

χ^2/NDF : 241950521481657

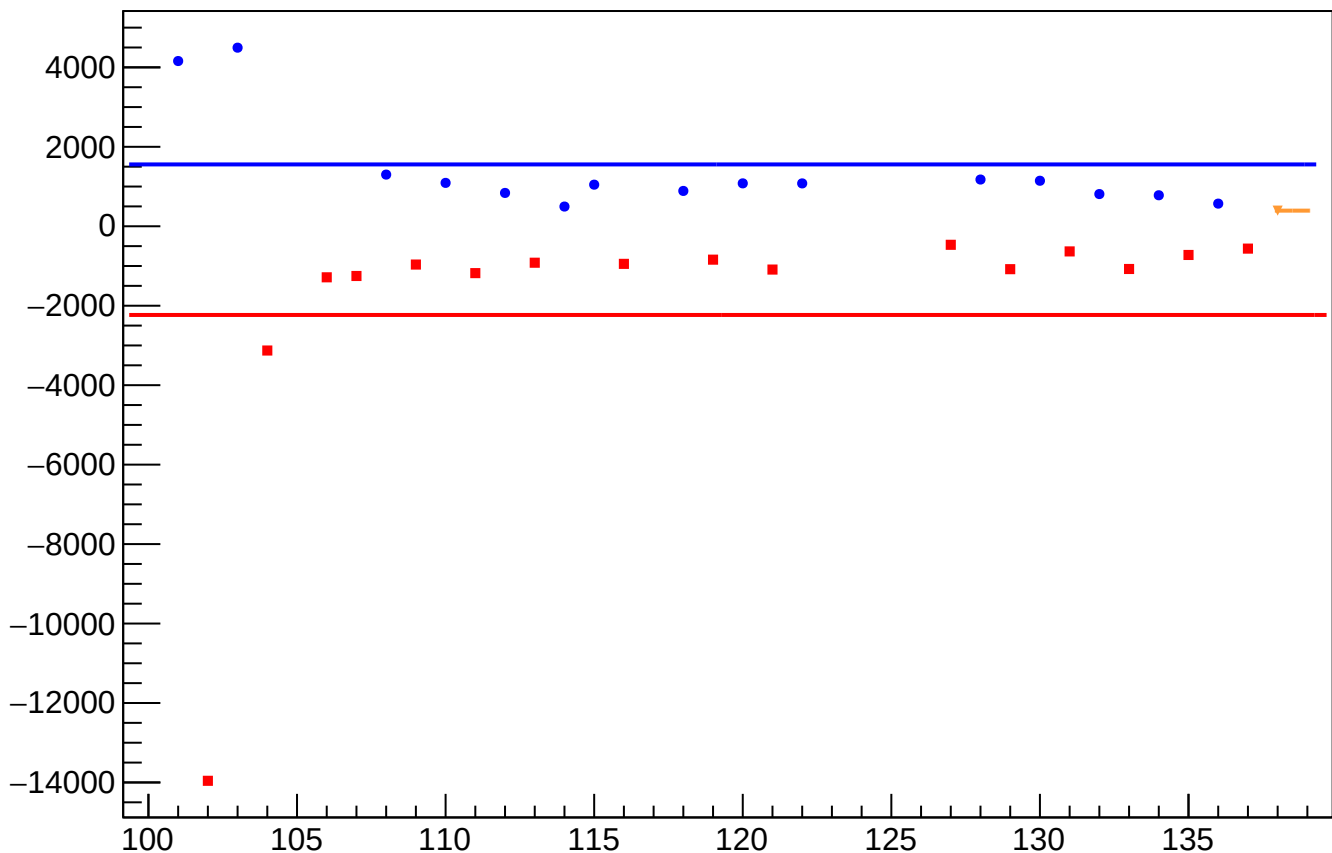
Out: 3380.858+/-0.000

χ^2/NDF : 349423426807864

All: -320.004+/-0.000

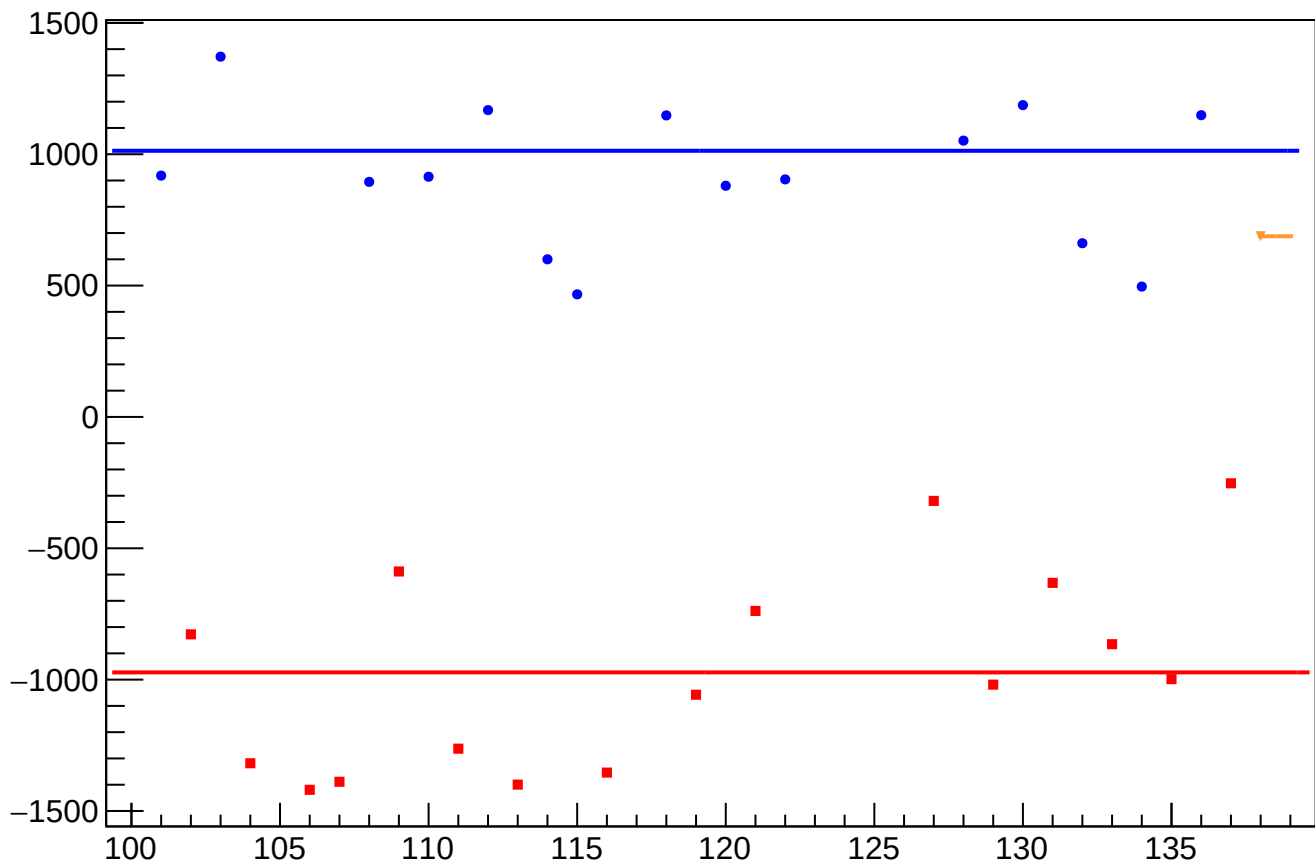
χ^2/NDF : 81054345484

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



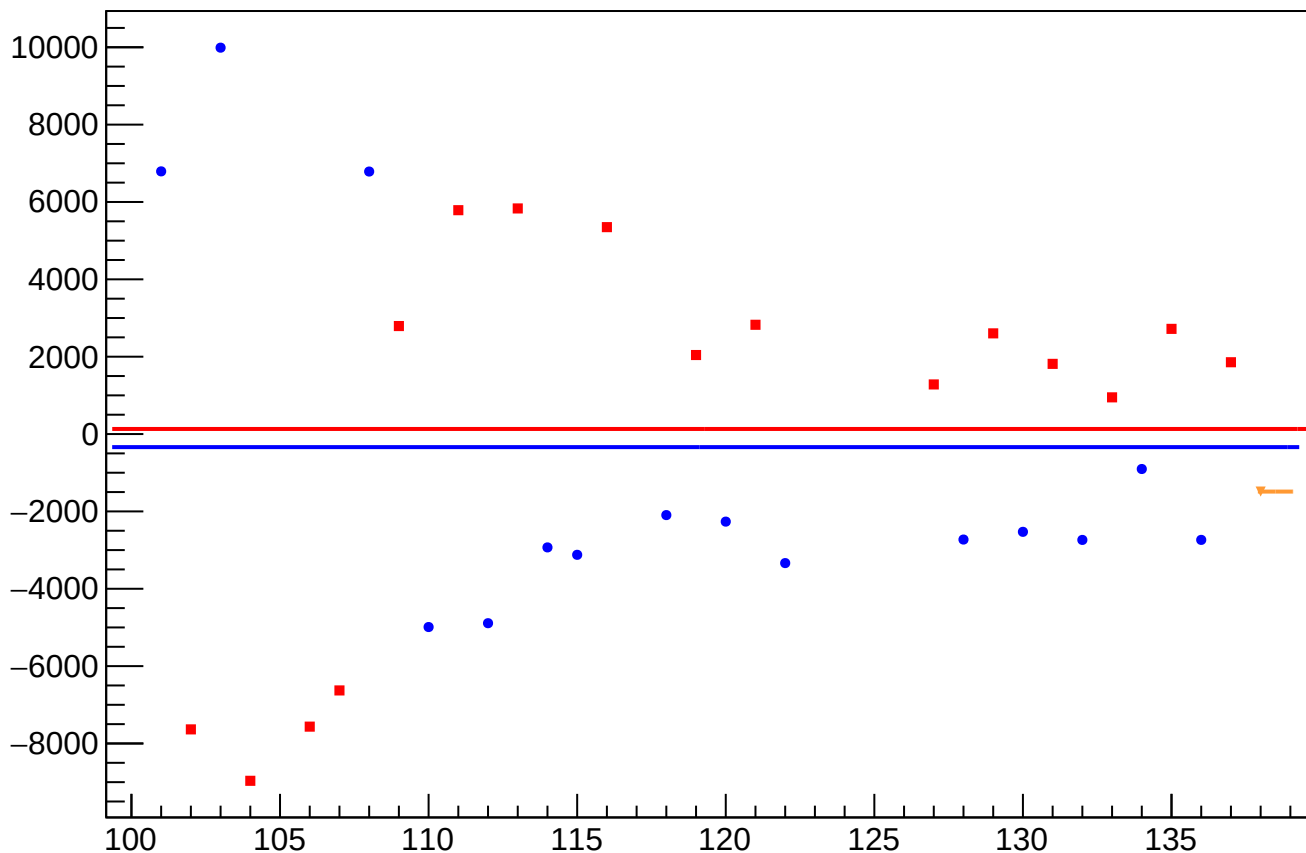
Left: 393.507+/-0.000 χ^2/NDF : 0.0/0
 Right: -363.793+/-0.000 χ^2/NDF : 14852877470384
 Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 393.507+/-0.000 χ^2/NDF : 0.0/0
 In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Right Out: -2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Out: -1957.580+/-0.000 χ^2/NDF : 94719691693439
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -321.419+/-0.000 χ^2/NDF : 14895107714

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



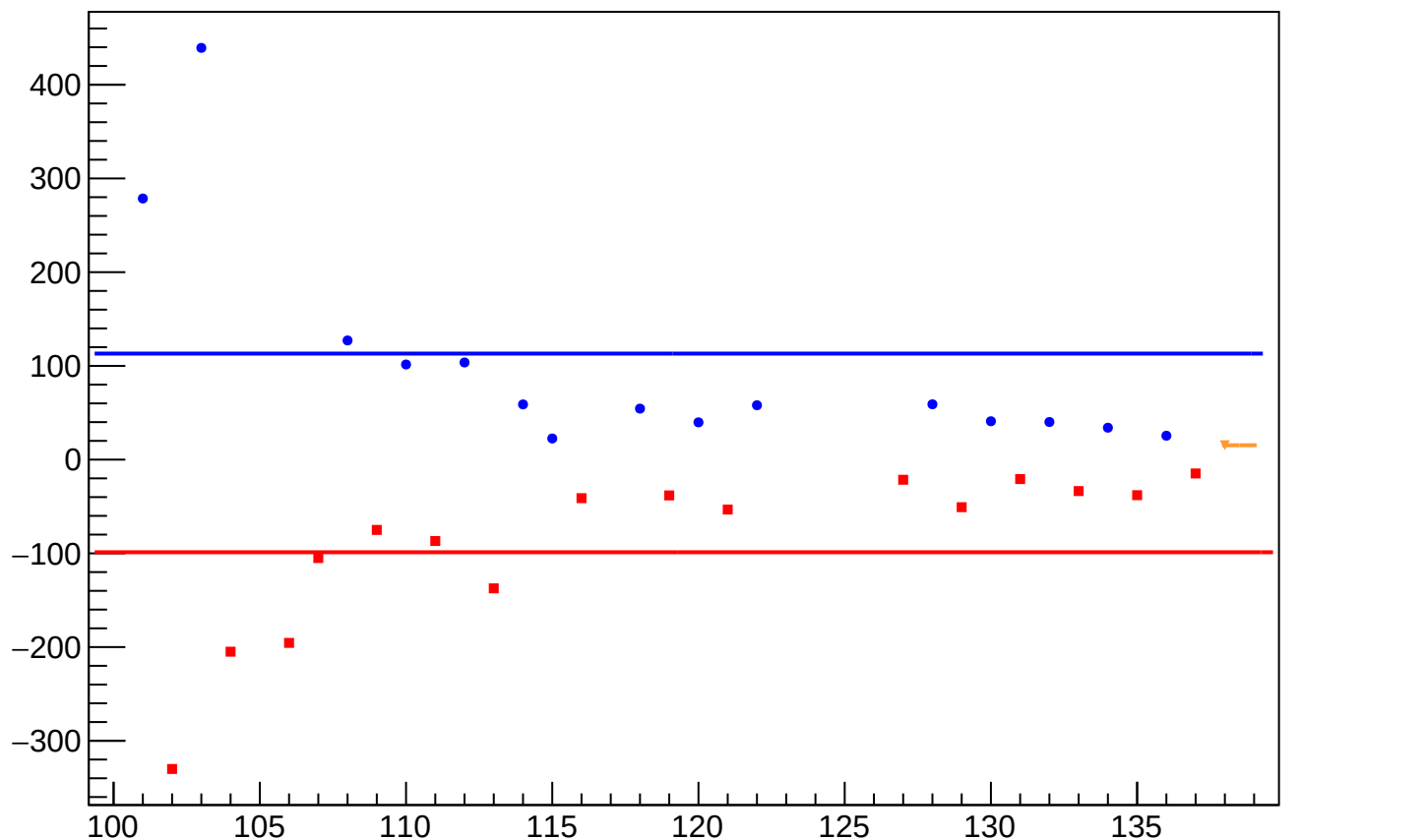
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_sam1_coil6_mean vs Slug, Sign Corrected



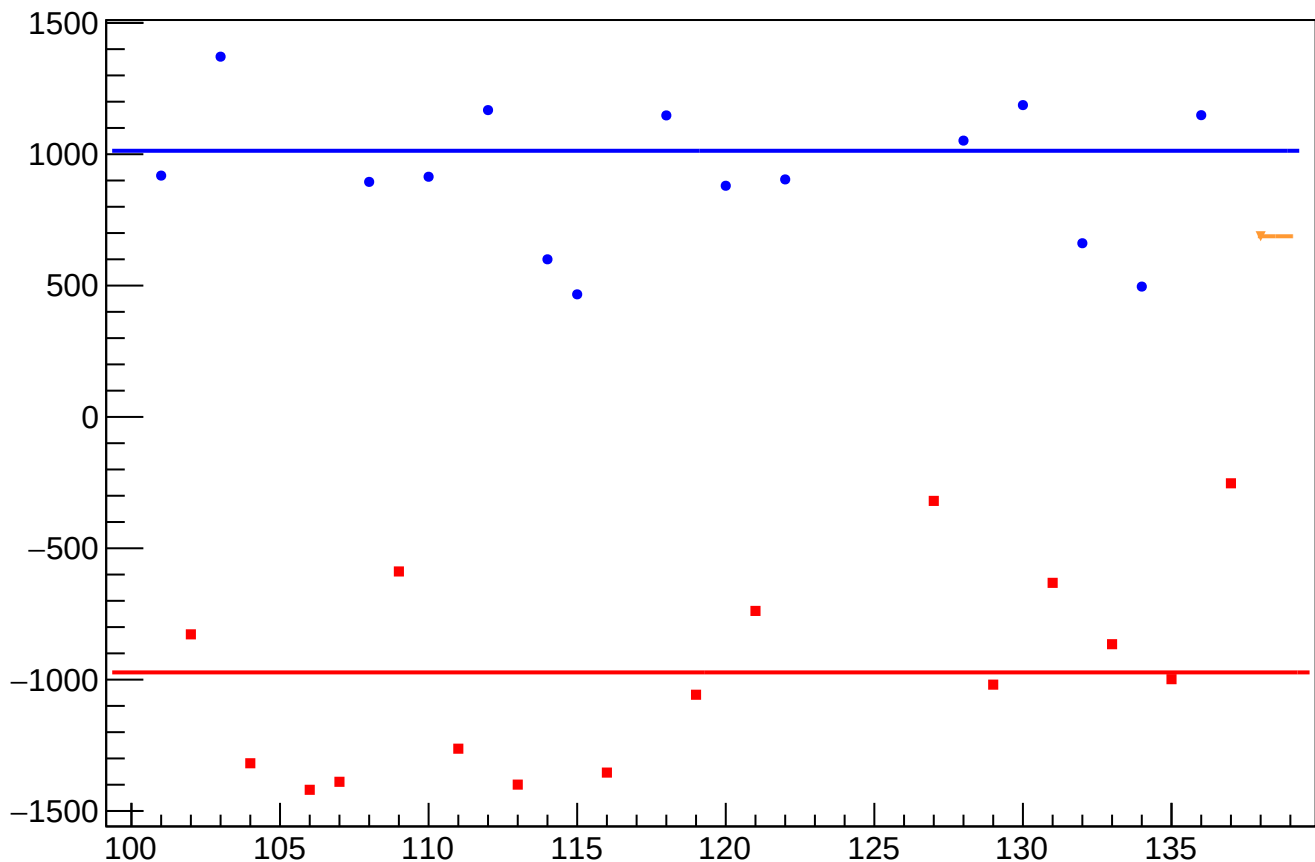
Right In: -337.865+/-0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -1487.318+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 131.545+/-0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -177.578+/-0.000 χ^2/NDF : 31839947065

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



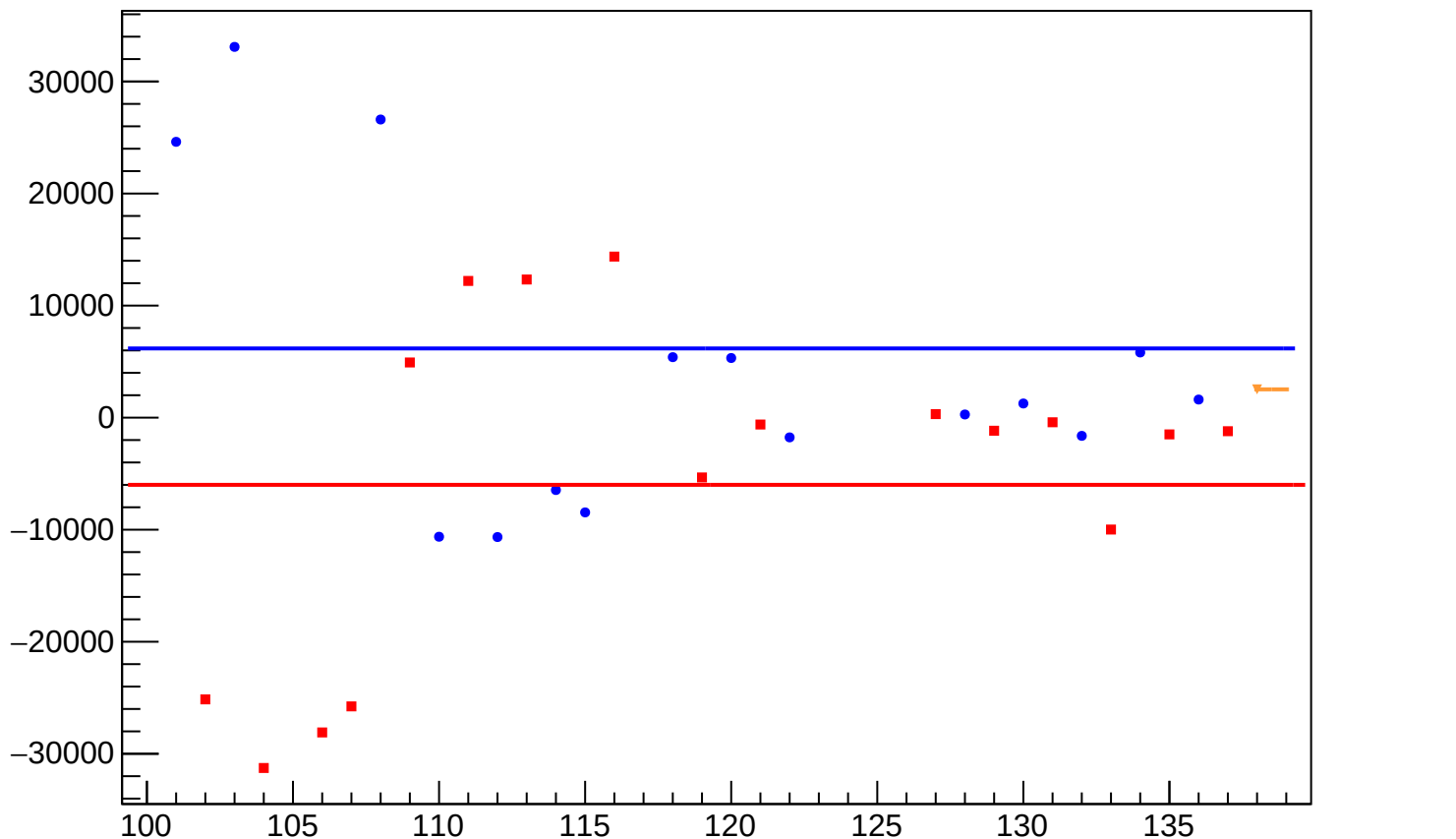
Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 15.339+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Out: -86.880+/-0.000 χ^2/NDF : 6420658239320886
 All: 6.240+/-0.000 χ^2/NDF : 30286016060012

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



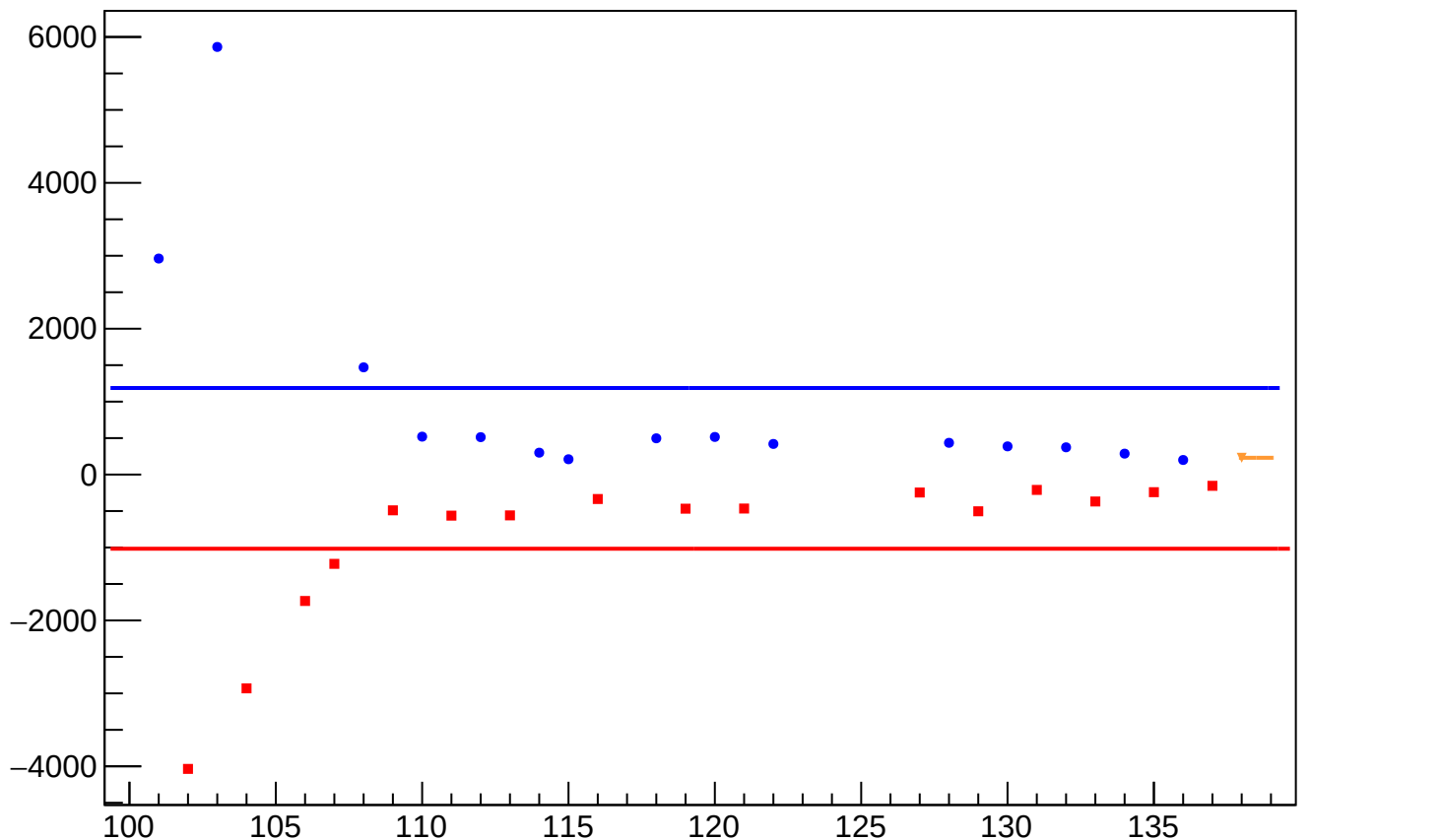
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF :1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 In: 1013.146+/-0.000 χ^2/NDF :31721270909522099205936100724856324096.0/14
 Out: -798.647+/-0.000 χ^2/NDF :271360171639576.0/14
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402.0/14

dit_sam2_coil6_mean vs Slug, Sign Corrected



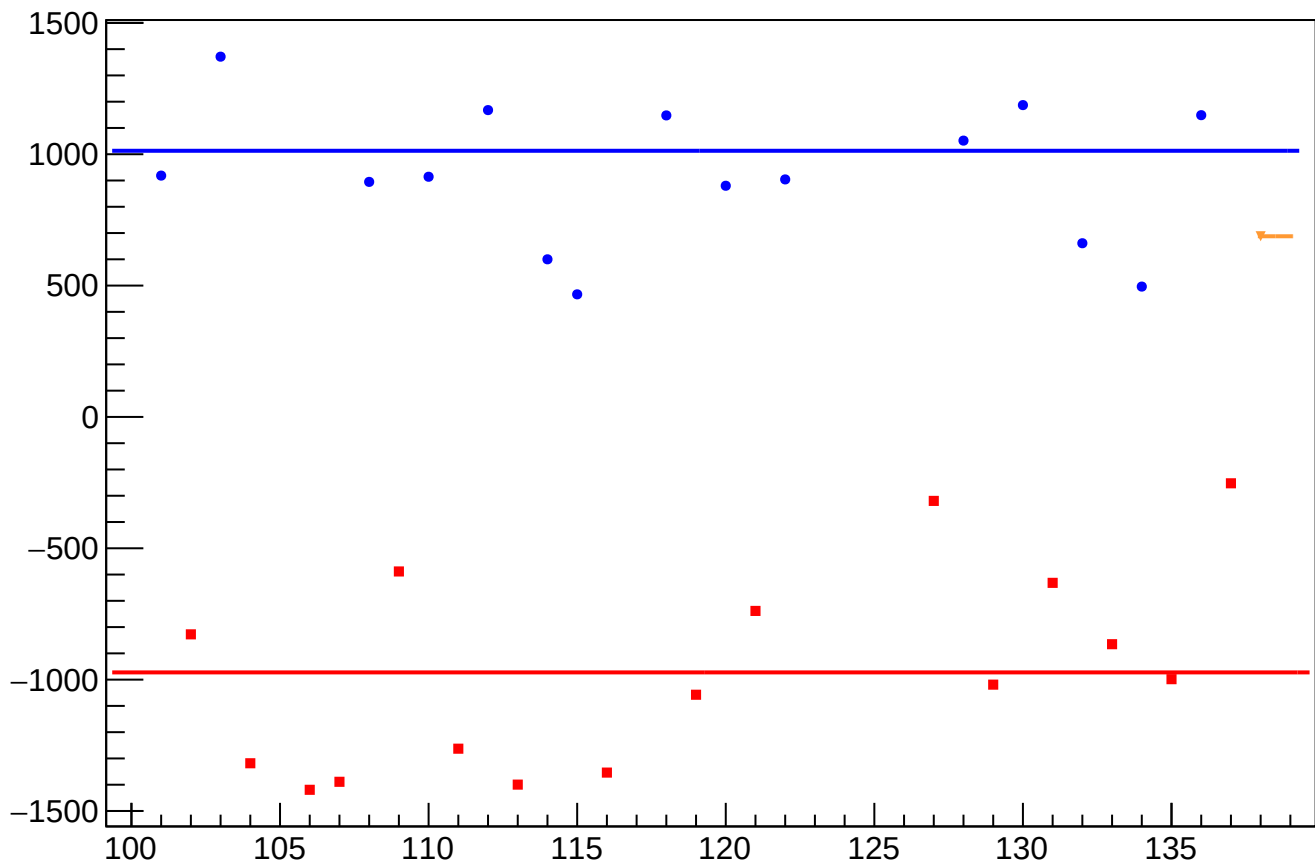
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 2524.357+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Out: -5104.586+/-0.000 χ^2/NDF : 14212824701523
 All: 147.043+/-0.000 χ^2/NDF : 303522028962

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



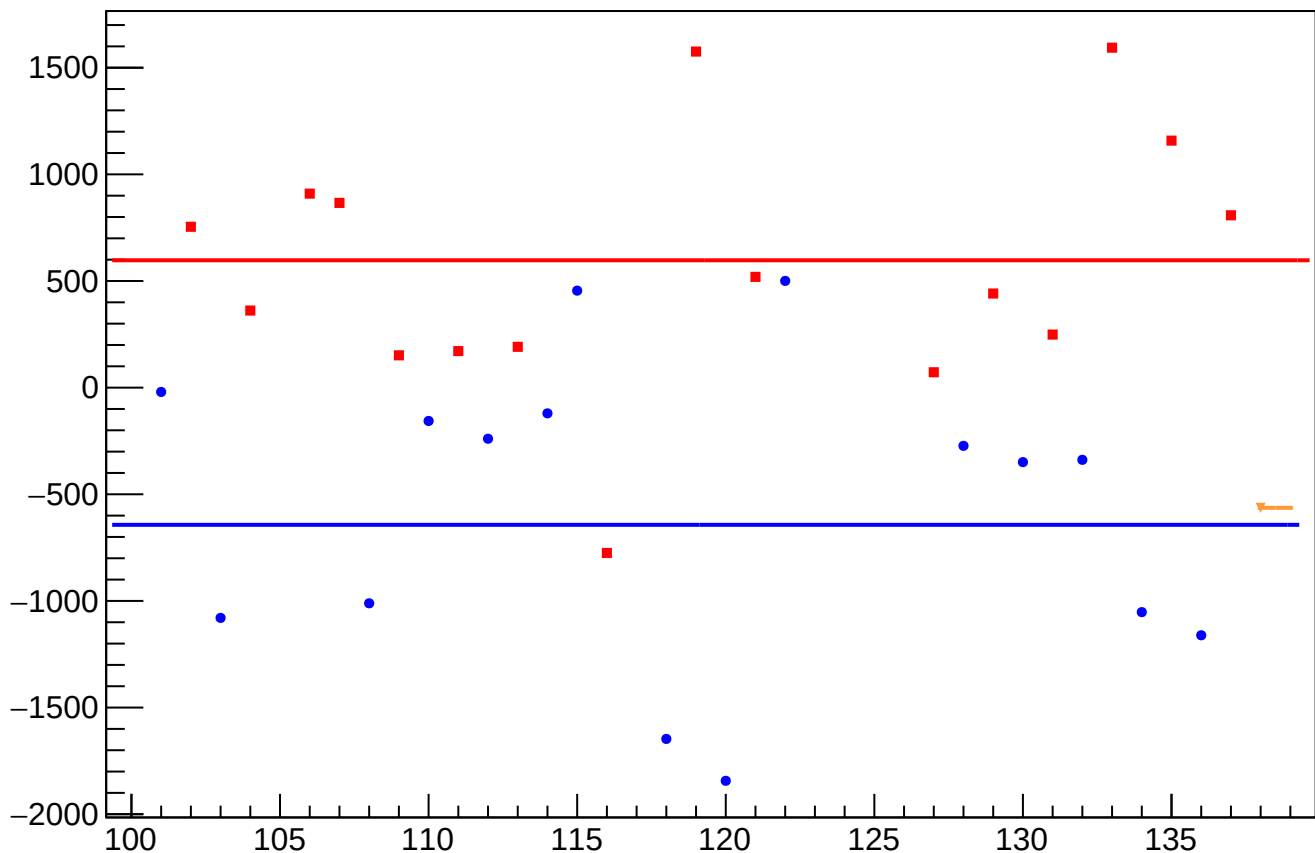
Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 230.260+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Out: -886.174+/-0.000 χ^2/NDF : 103623636491401
 All: 78.955+/-0.000 χ^2/NDF : 4323244956747

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF :1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 In: 1013.146+/-0.000 χ^2/NDF :31721270909522099205936100724856324096.0/14
 Out: -798.647+/-0.000 χ^2/NDF :271360171639576.0/14
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402.0/14

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000

Left Out: -563.424+/-0.000

Right Out: 597.043+/-0.000

Left In: 0.000+/-0.000

χ^2/NDF : 272726964608206694027285159784925364224.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 210733370798031449363504004319005376512.0/15

χ^2/NDF : 0.0/0

Left: -563.424+/-0.000

Right: -14.605+/-0.000

In: -643.217+/-0.000

Out: 475.544+/-0.000

All: -45.314+/-0.000

χ^2/NDF : 0.0/0

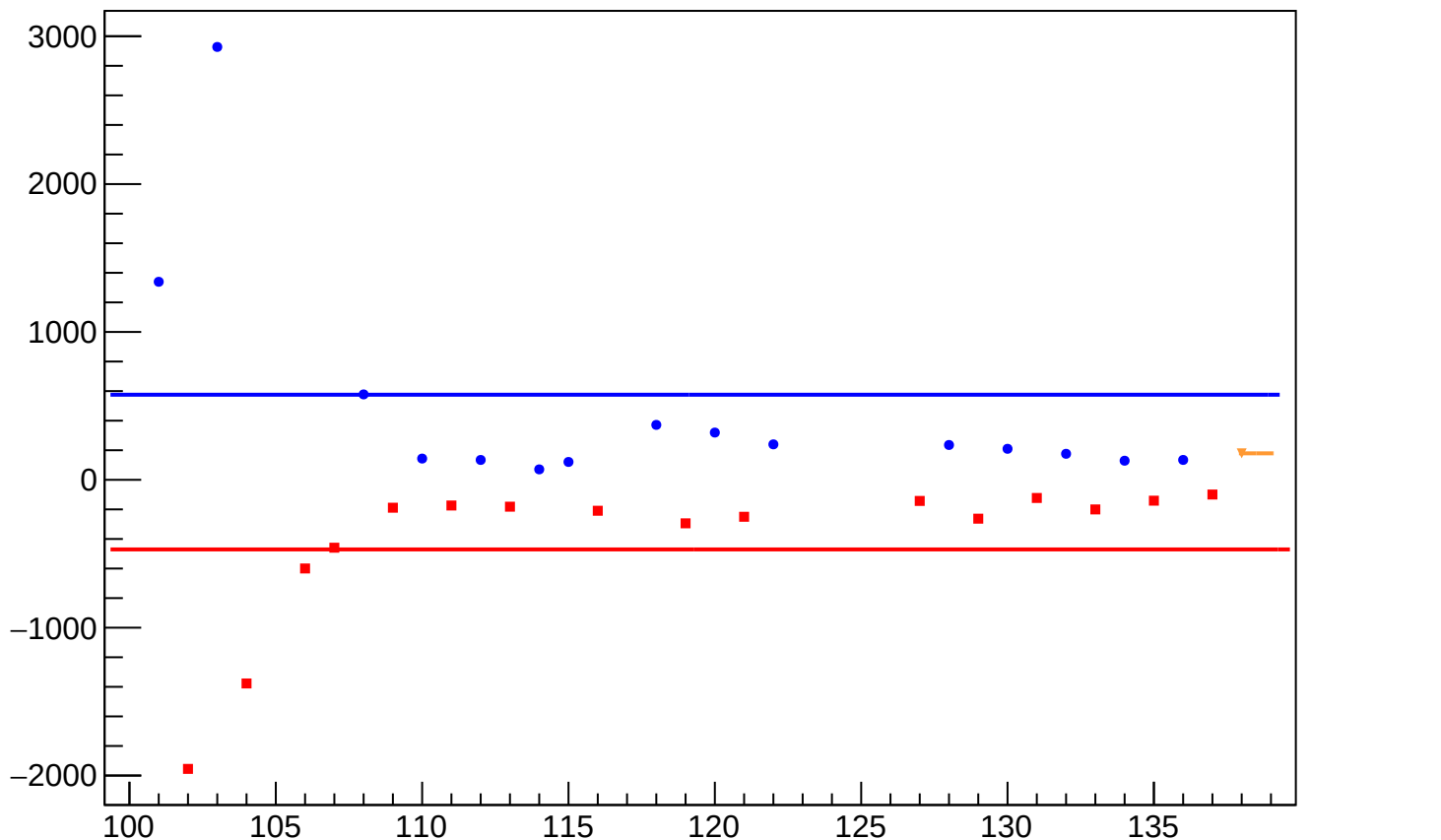
χ^2/NDF : 989448118075246

χ^2/NDF : 2727269646082066

χ^2/NDF : 3047770535183674

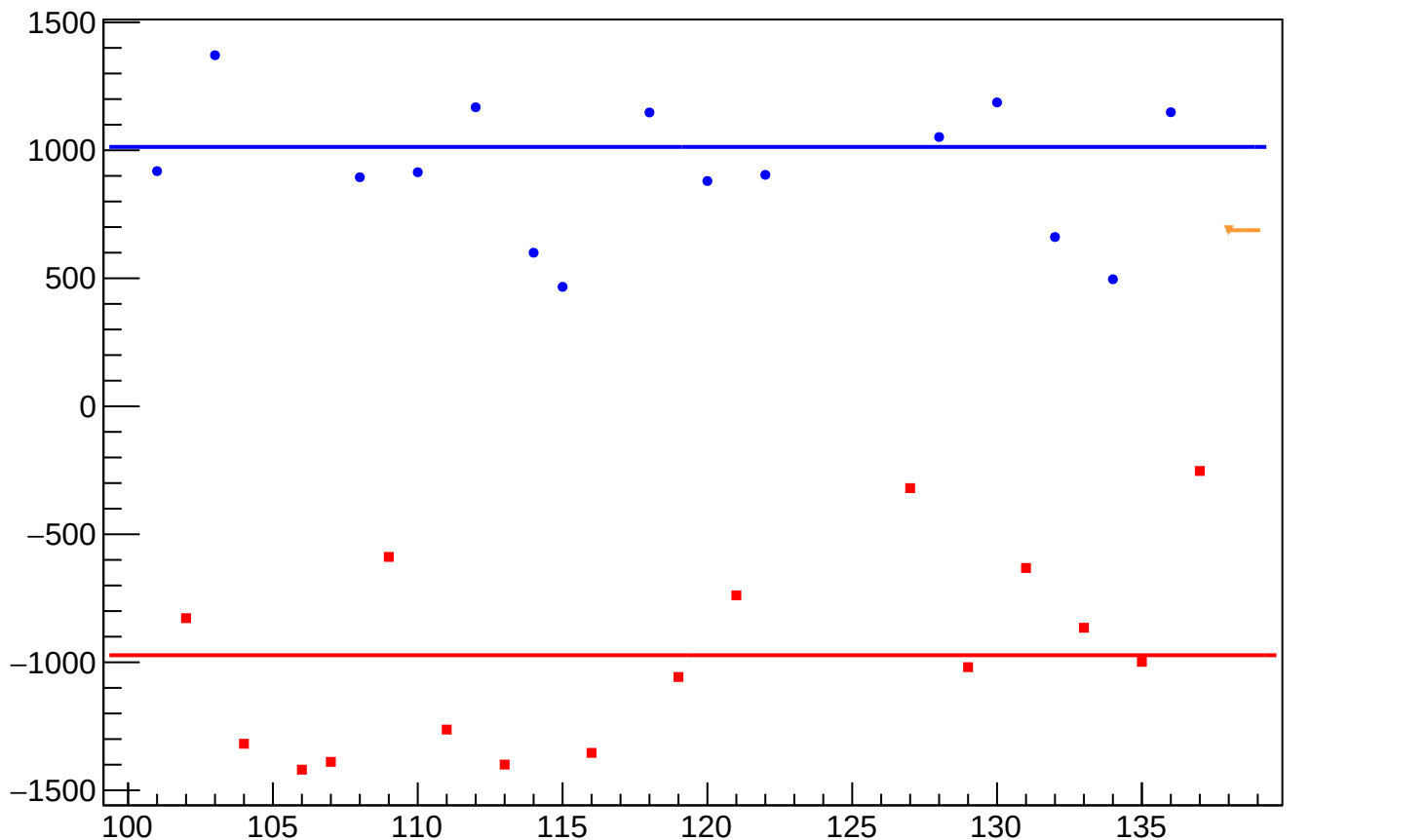
χ^2/NDF : 101162731701

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



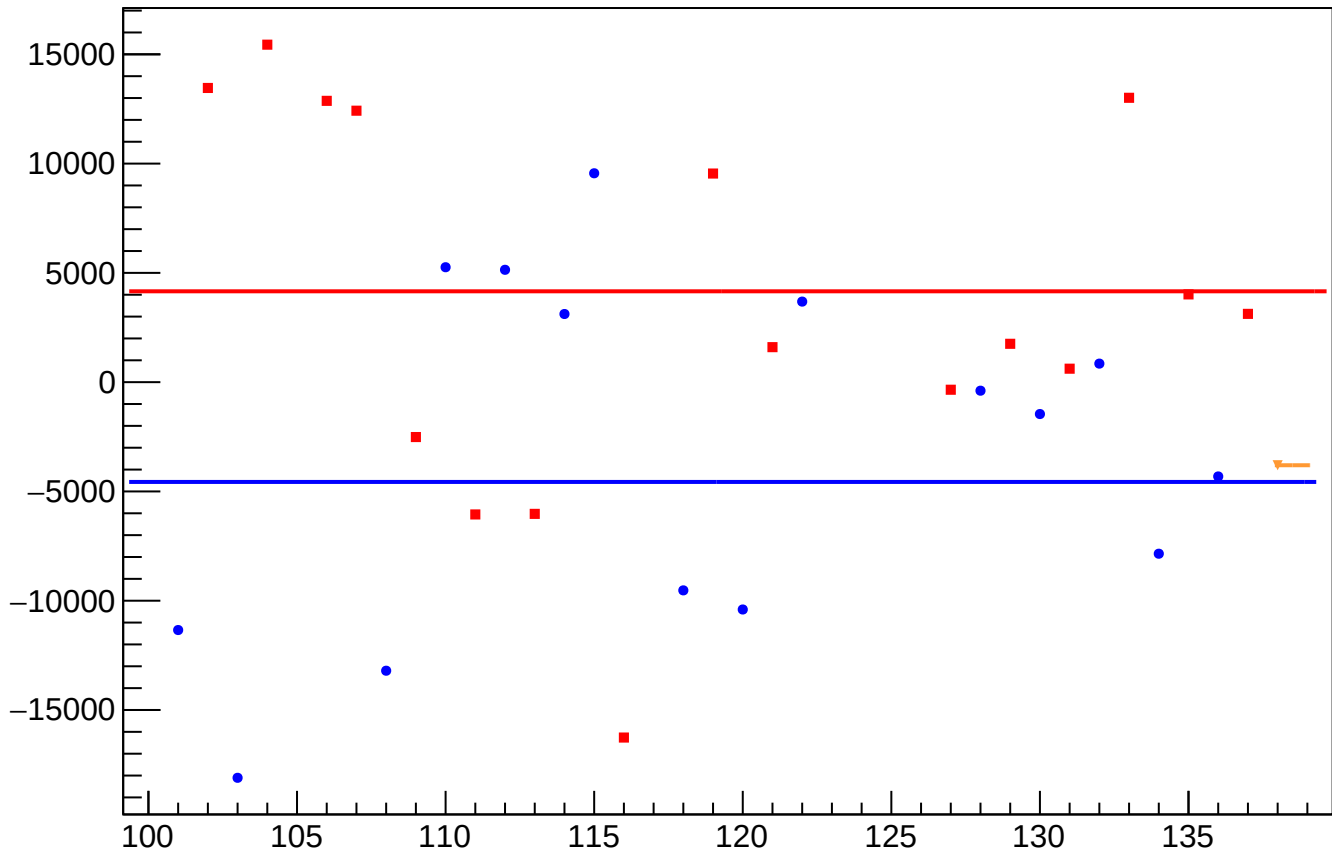
Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Left Out: 179.094+/-0.000 χ^2/NDF : 63007.9/0
 Right Out: -470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 52.739+/-0.000 χ^2/NDF : 1003373025148

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412+/-0.000

Left Out: -3801.420+/-0.000

Right Out: 4156.859+/-0.000

Left In: 0.000+/-0.000

χ^2/NDF : 35667768247432289984899042725155487875072.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 45539455441659927157708443099930682195968.0/15

χ^2/NDF : 0.0/0

Left: -3801.420+/-0.000

Right: -144.626+/-0.000

In: -4565.412+/-0.000

Out: 3323.643+/-0.000

χ^2/NDF : 0.0/0

χ^2/NDF : 10623220696347

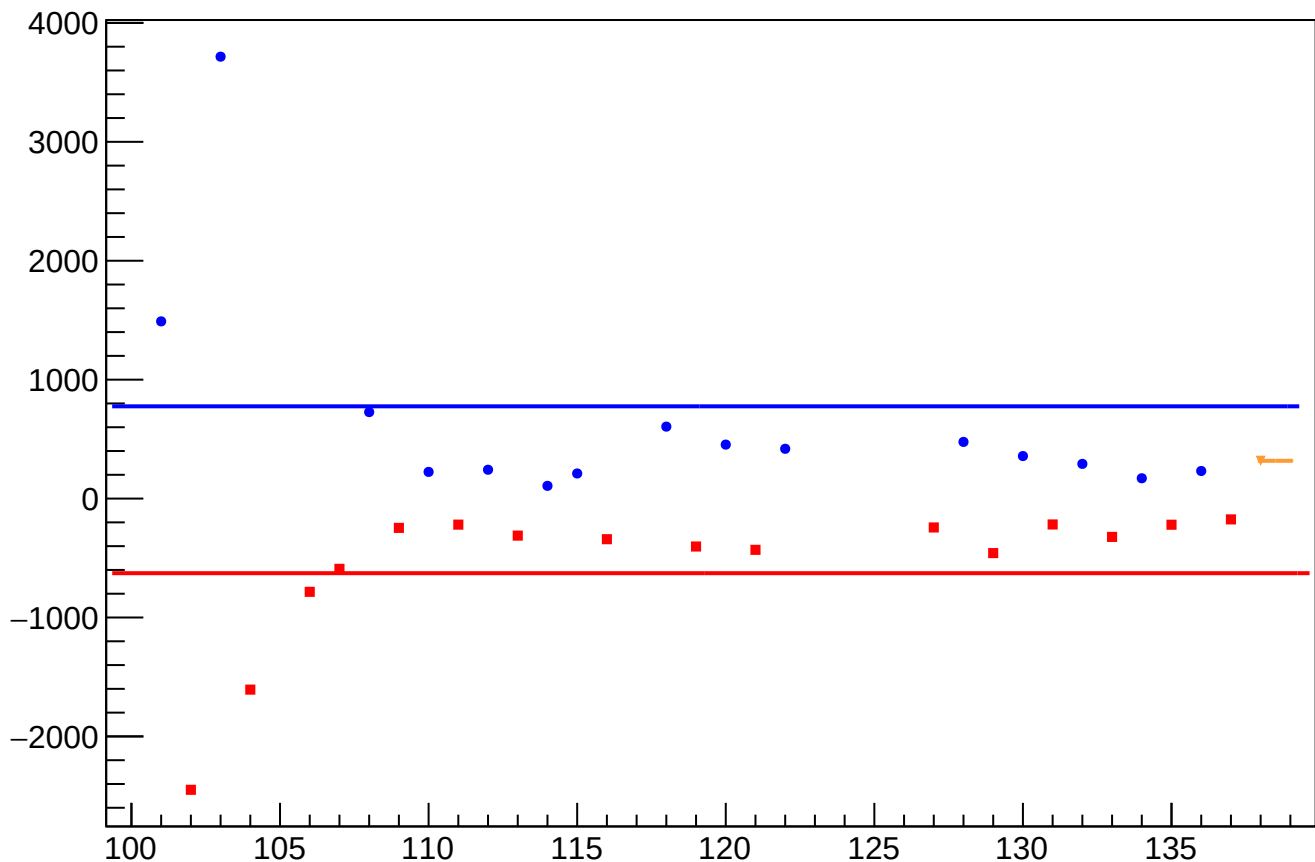
χ^2/NDF : 356677682474322

χ^2/NDF : 499623076752854

All: -349.238+/-0.000

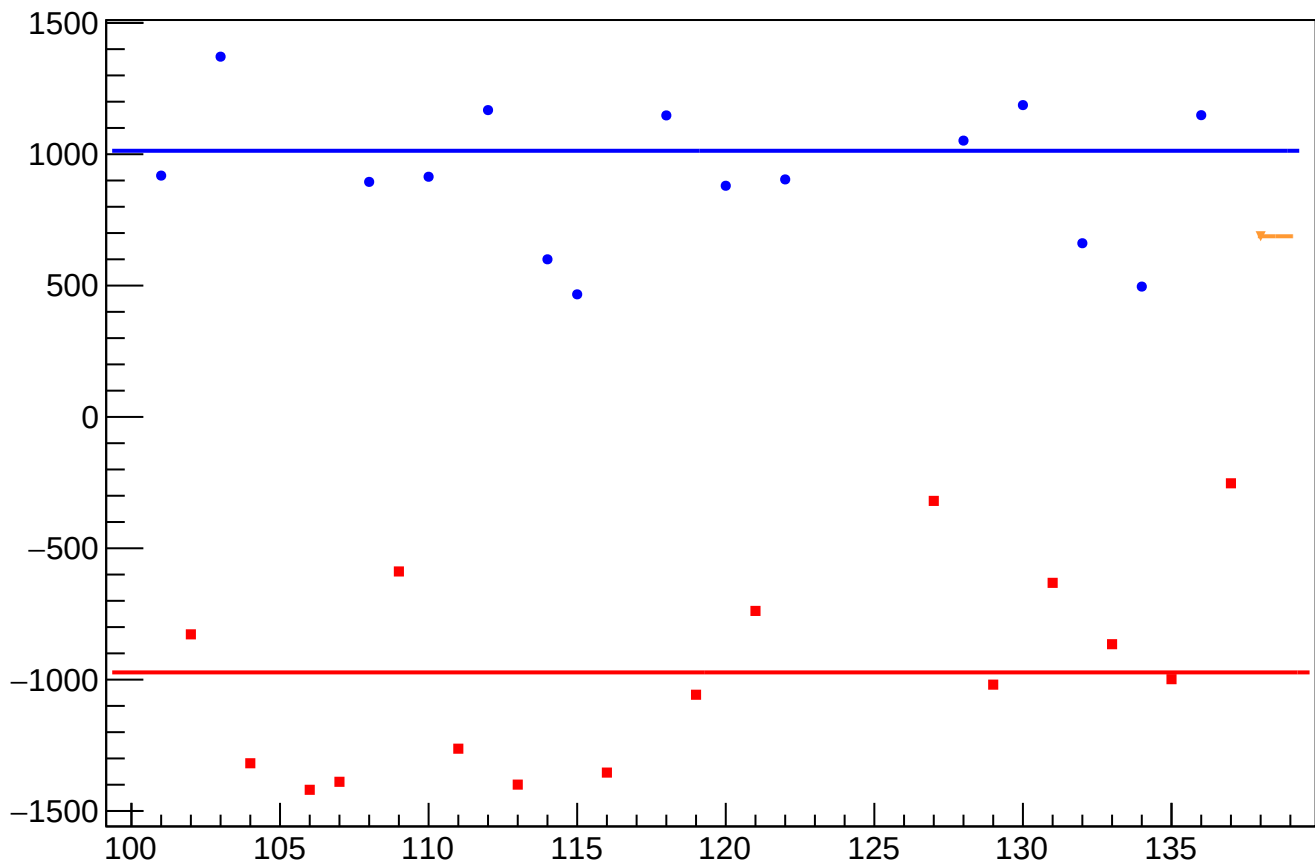
χ^2/NDF : 10721687231

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



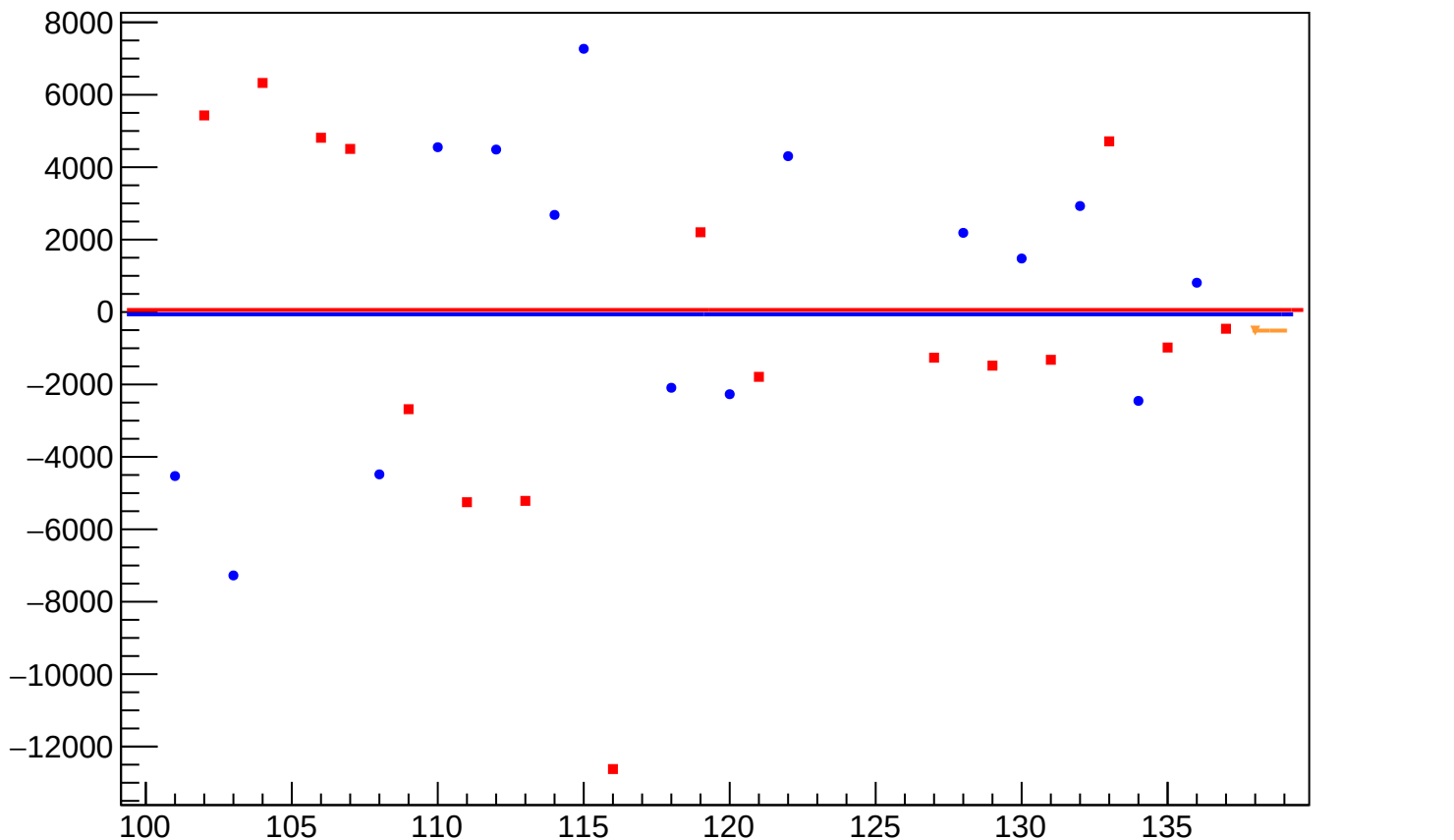
Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14
 Left Out: 317.715+/-0.000 χ^2/NDF :1008126.4/0
 Right Out: -627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 In: 775.824+/-0.000 χ^2/NDF :641856726975740612716432458612629045248.0/14
 Out: -528.372+/-0.000 χ^2/NDF :359884745210872
 All: 78.819+/-0.000 χ^2/NDF : 1591703496272

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



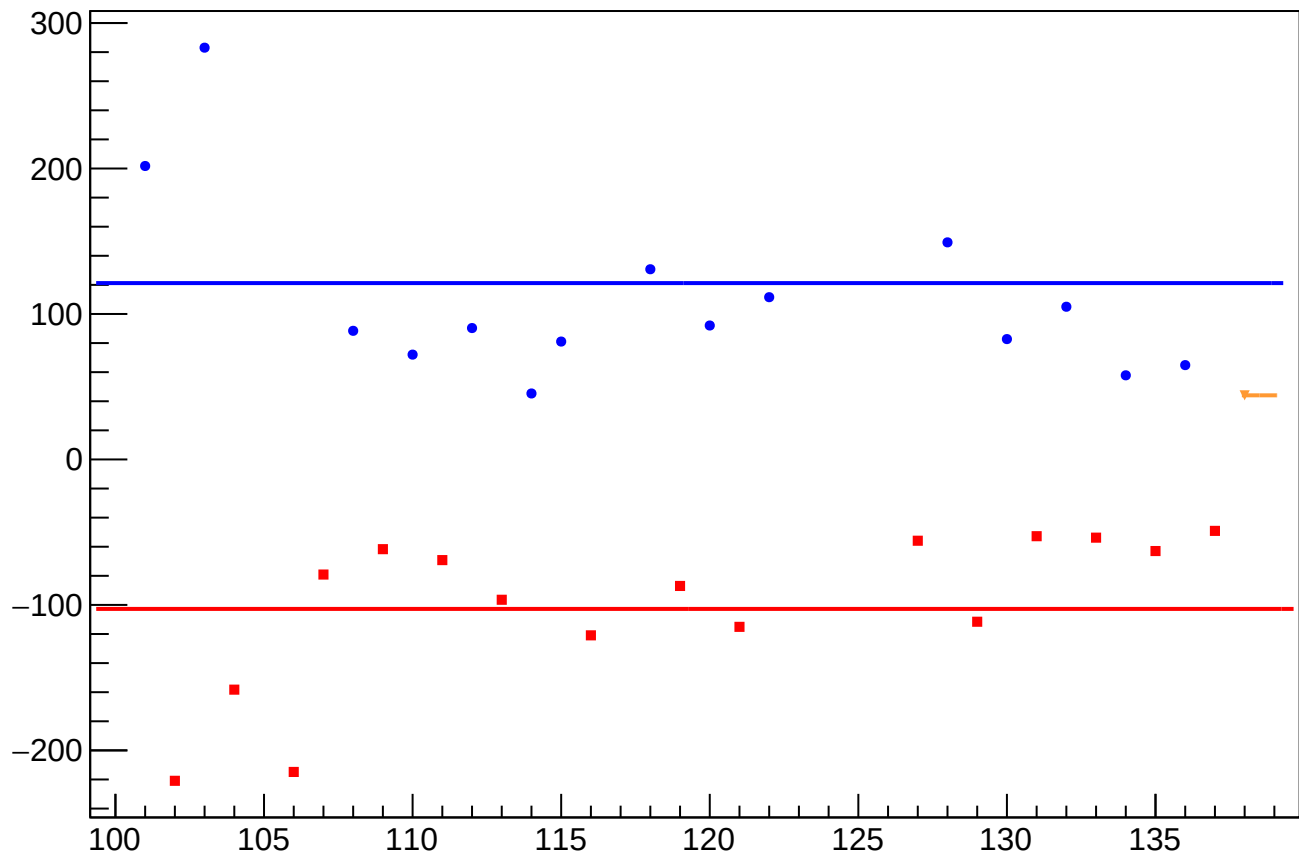
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Out: -798.647+/-0.000 χ^2/NDF : 271360171639576.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



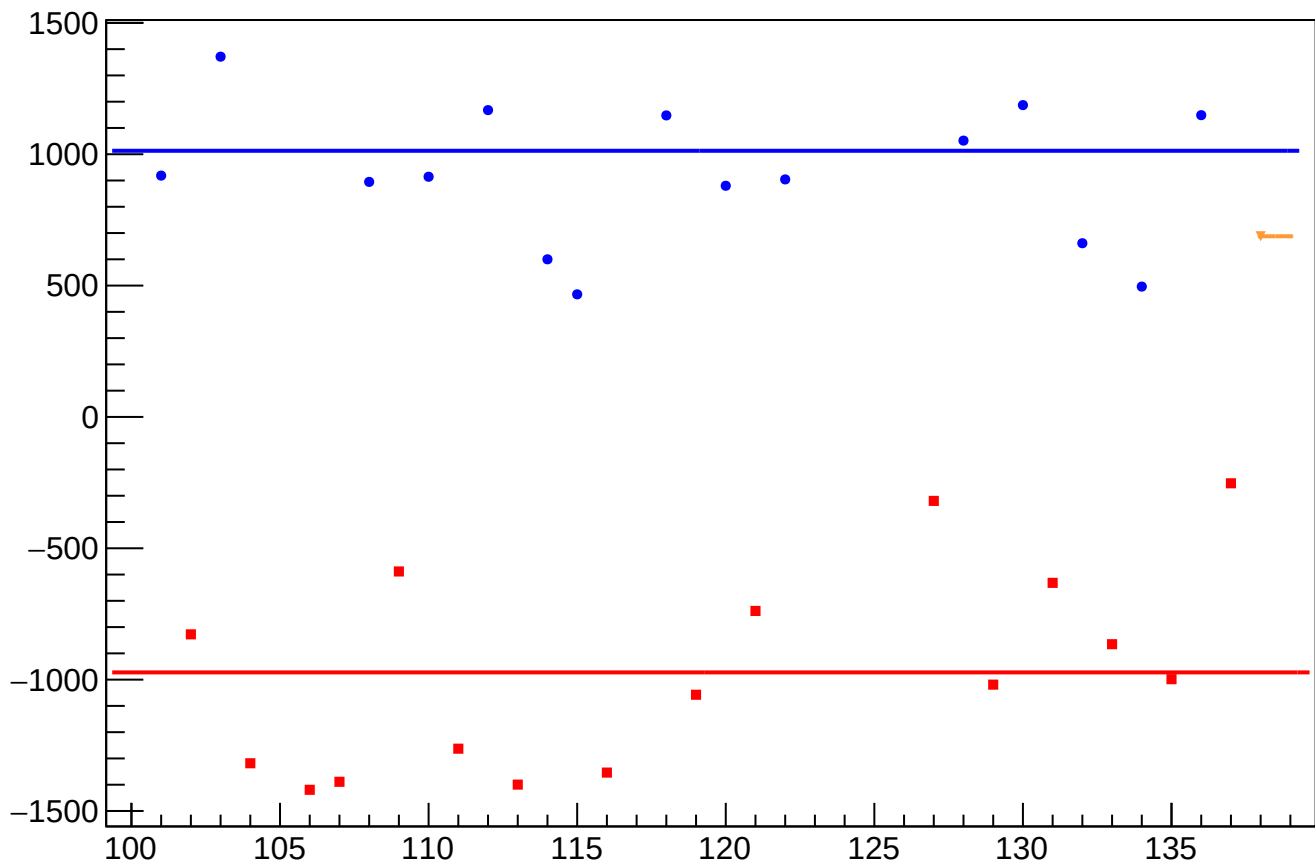
Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
 Left Out: -512.147+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
 Out: -2.384+/-0.000 χ^2/NDF : 13803598200905521
 All: -31.420+/-0.000 χ^2/NDF : 234191707631

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



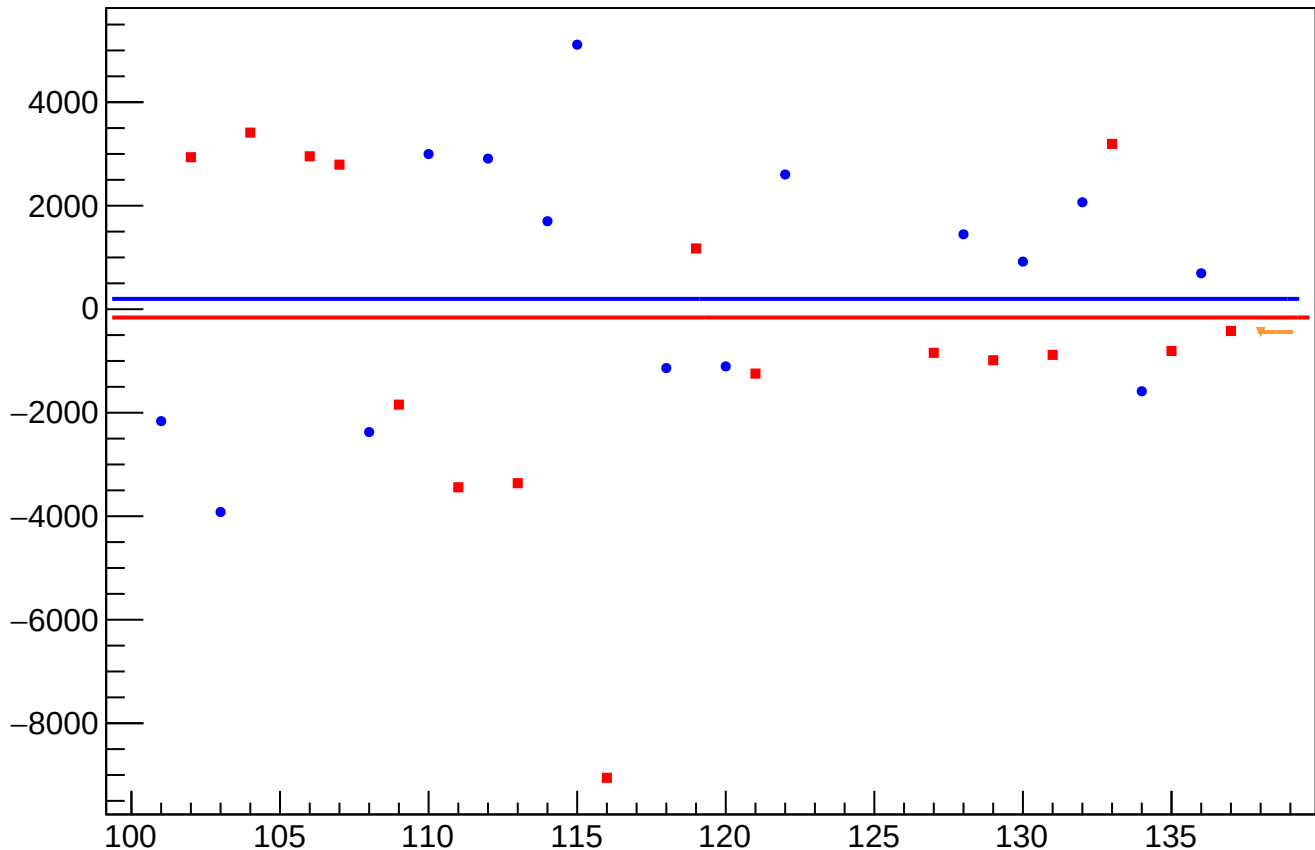
Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14
 Left Out: 44.075+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -102.749+/-0.000 χ^2/NDF : 196766802484601033365442767055918336.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 9.743+/-0.000 χ^2/NDF : 21289603060841

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



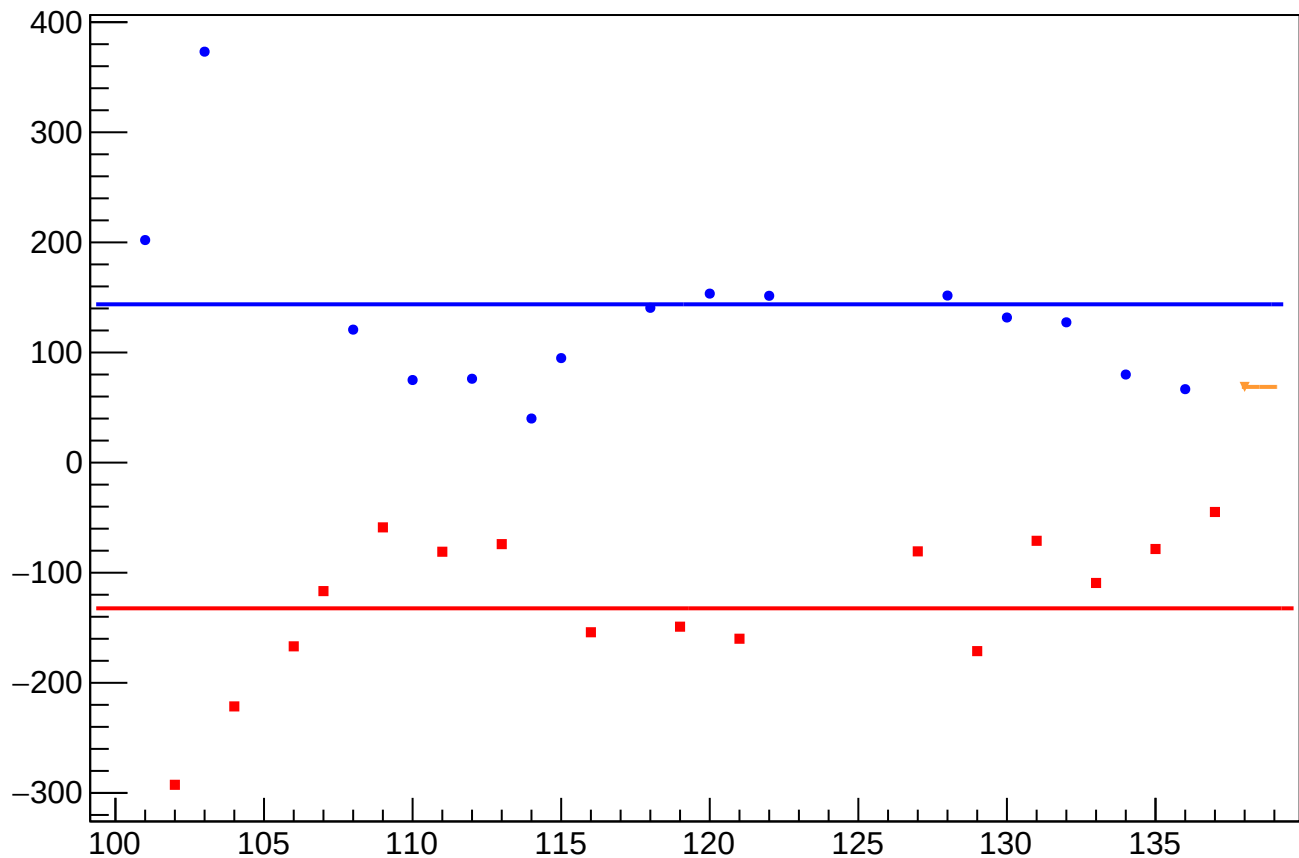
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -440.311+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Out: -189.807+/-0.000 χ^2/NDF : 568604380199909
 All: -8.557+/-0.000 χ^2/NDF : 9006772470151

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 143.764+/-0.000

χ^2/NDF : 4514785869565777849900508591821946880.0/14

Left Out: 68.749+/-0.000

χ^2/NDF : 0.0/0

Right Out: -132.341+/-0.000

χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 143.764+/-0.000

χ^2/NDF : 45147858695657778

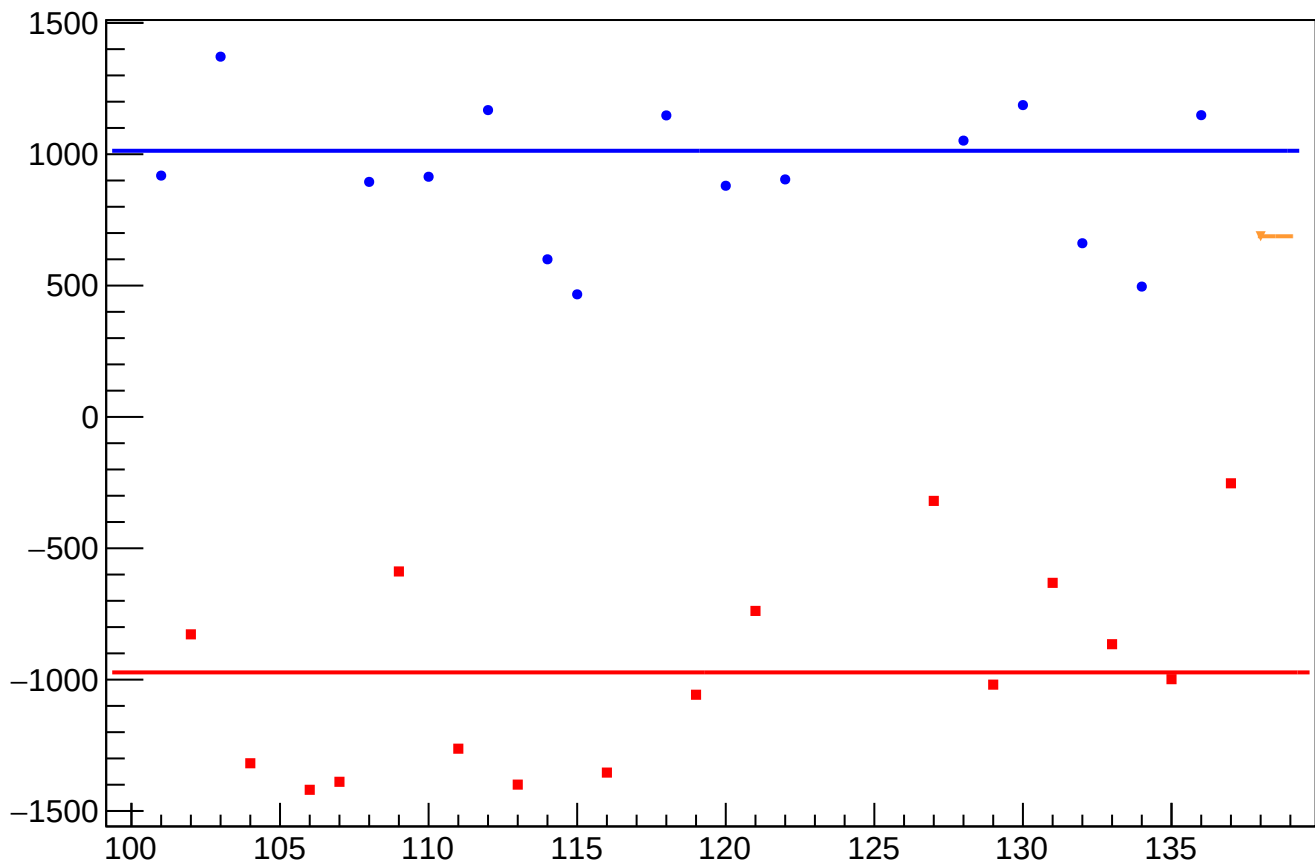
Out: -111.287+/-0.000

χ^2/NDF : 599795634922513

All: 7.456+/-0.000

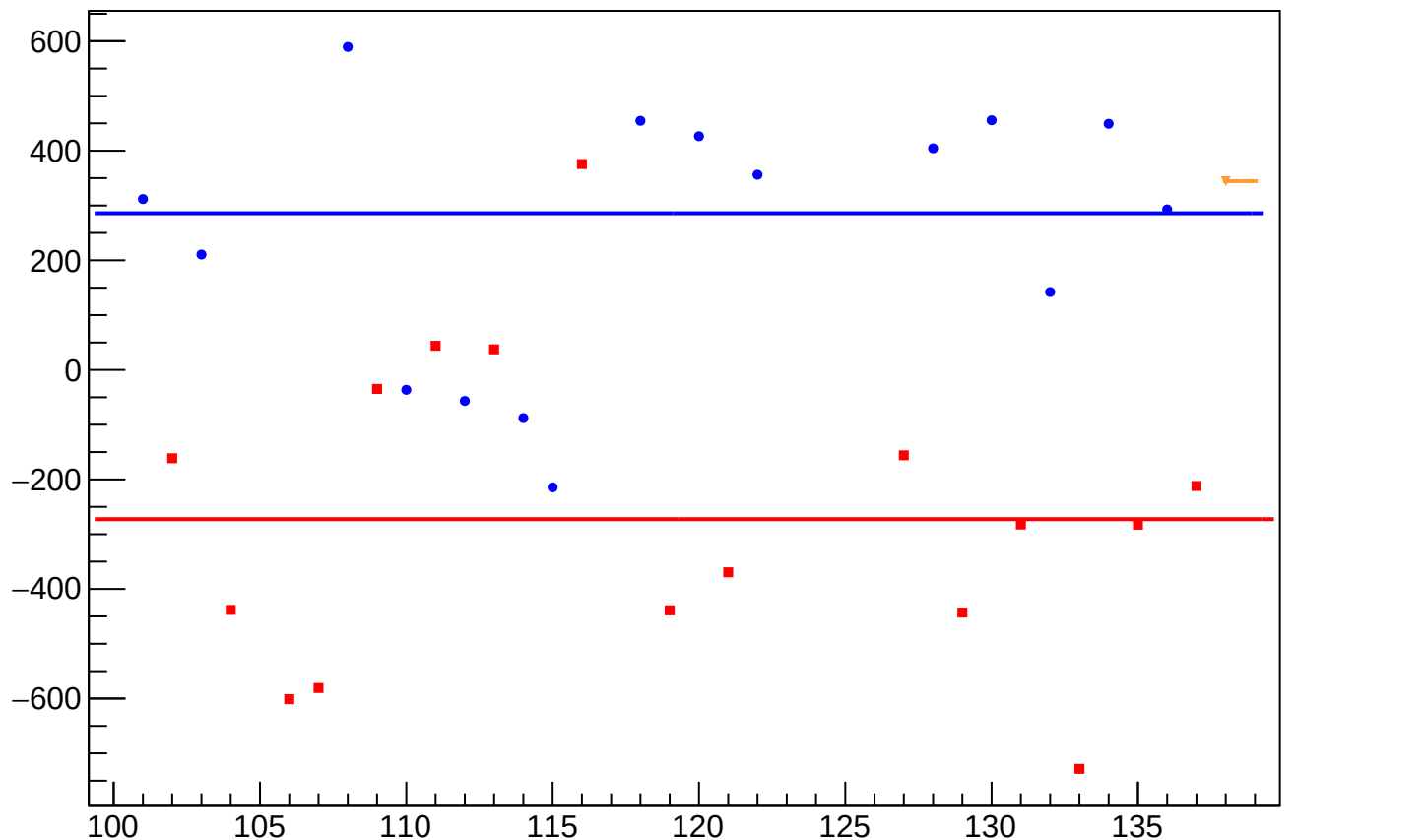
χ^2/NDF : 33075418639863

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



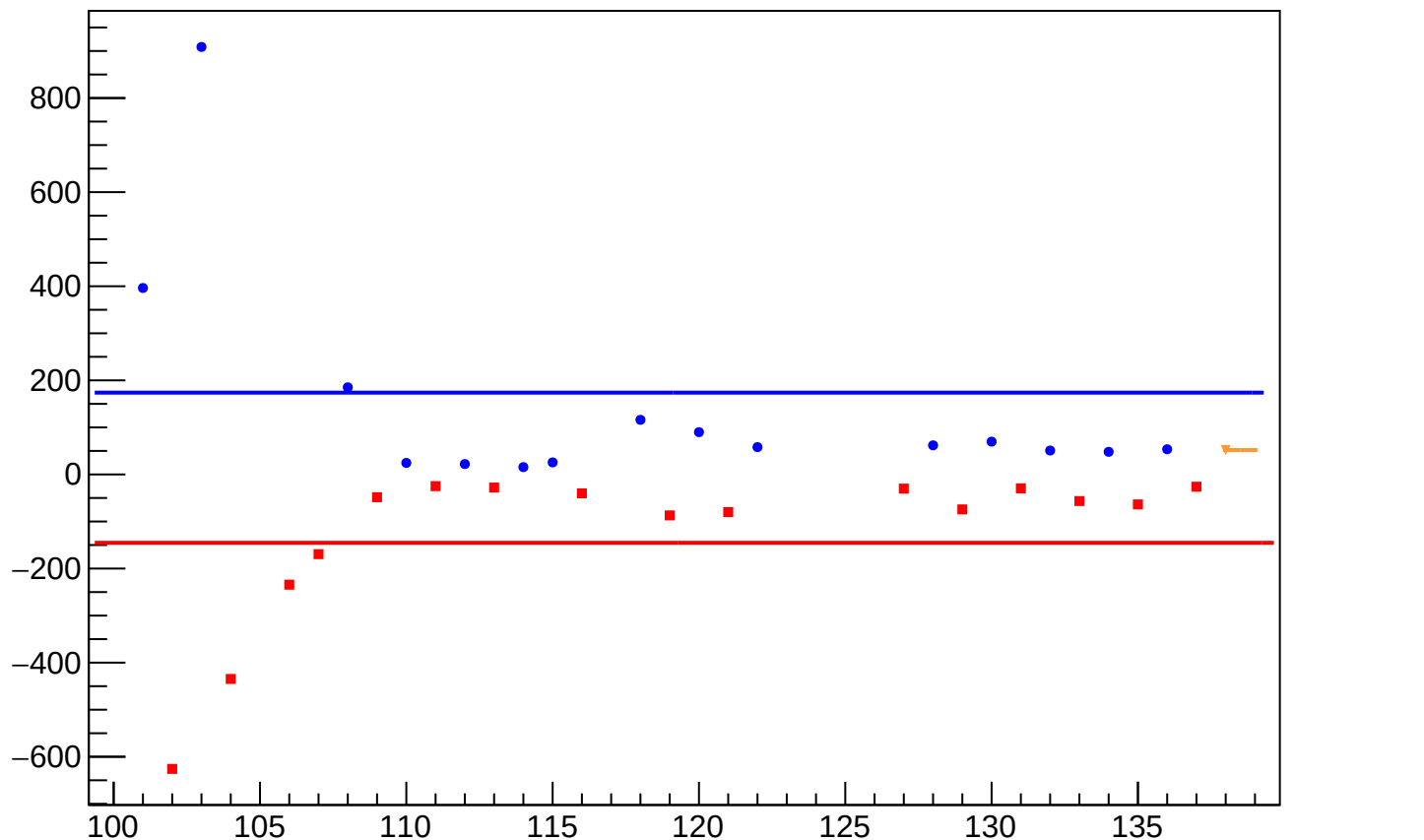
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Out: -798.647+/-0.000 χ^2/NDF : 271360171639576.0/15
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402.0/15

dit_sam7_coil6_mean vs Slug, Sign Corrected



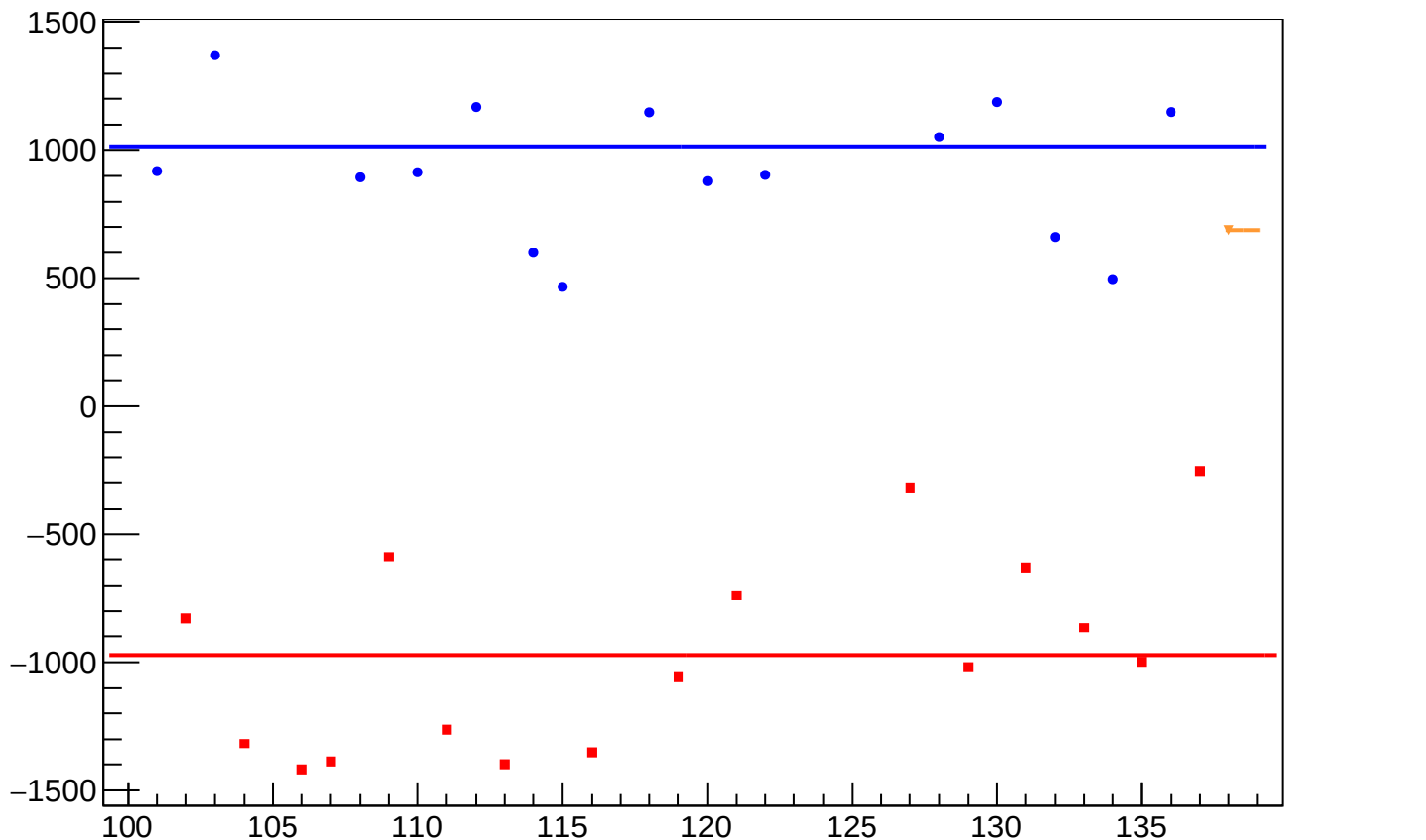
Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14
 Left Out: 344.511+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 21.958+/-0.000 χ^2/NDF : 1794189119370

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



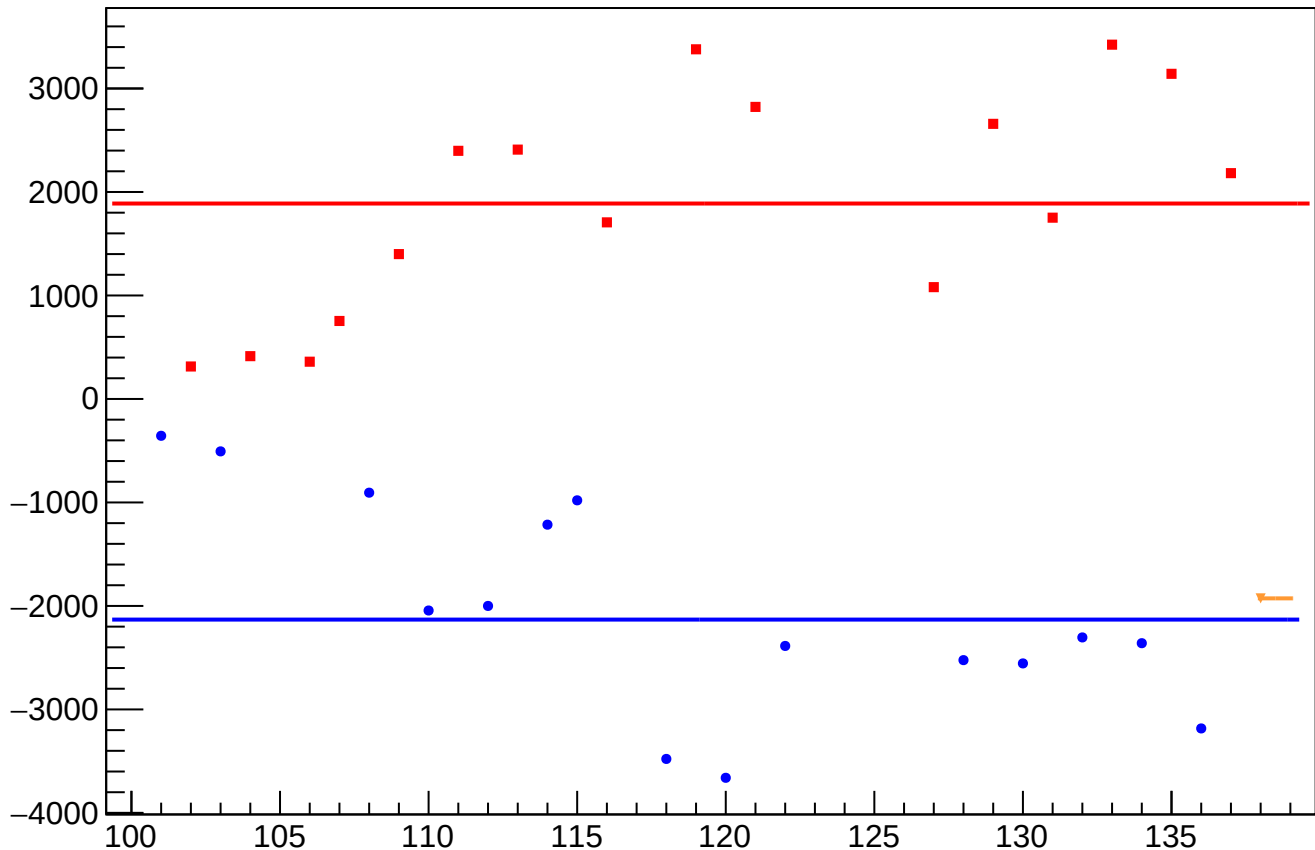
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left: 51.902+/-0.000 χ^2/NDF : 3938.0/0
 Right: 12.139+/-0.000 χ^2/NDF : 9772897307710637
 Left Out: 51.902+/-0.000 χ^2/NDF : 3938.0/0
 In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Out: -124.589+/-0.000 χ^2/NDF : 252433684618674
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 14.364+/-0.000 χ^2/NDF : 9784539767564

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905+/-0.000

Left Out: -1926.832+/-0.000

Right Out: 1888.448+/-0.000

Left In: 0.000+/-0.000

χ^2/NDF : 722433384570495071131450661983670501376.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 791986665551980691032719862611769819136.0/15

χ^2/NDF : 0.0/0

Left: -1926.832+/-0.000 χ^2/NDF : 0.0/0

Right: -94.234+/-0.000

In: -2131.905+/-0.000

Out: 1488.996+/-0.000

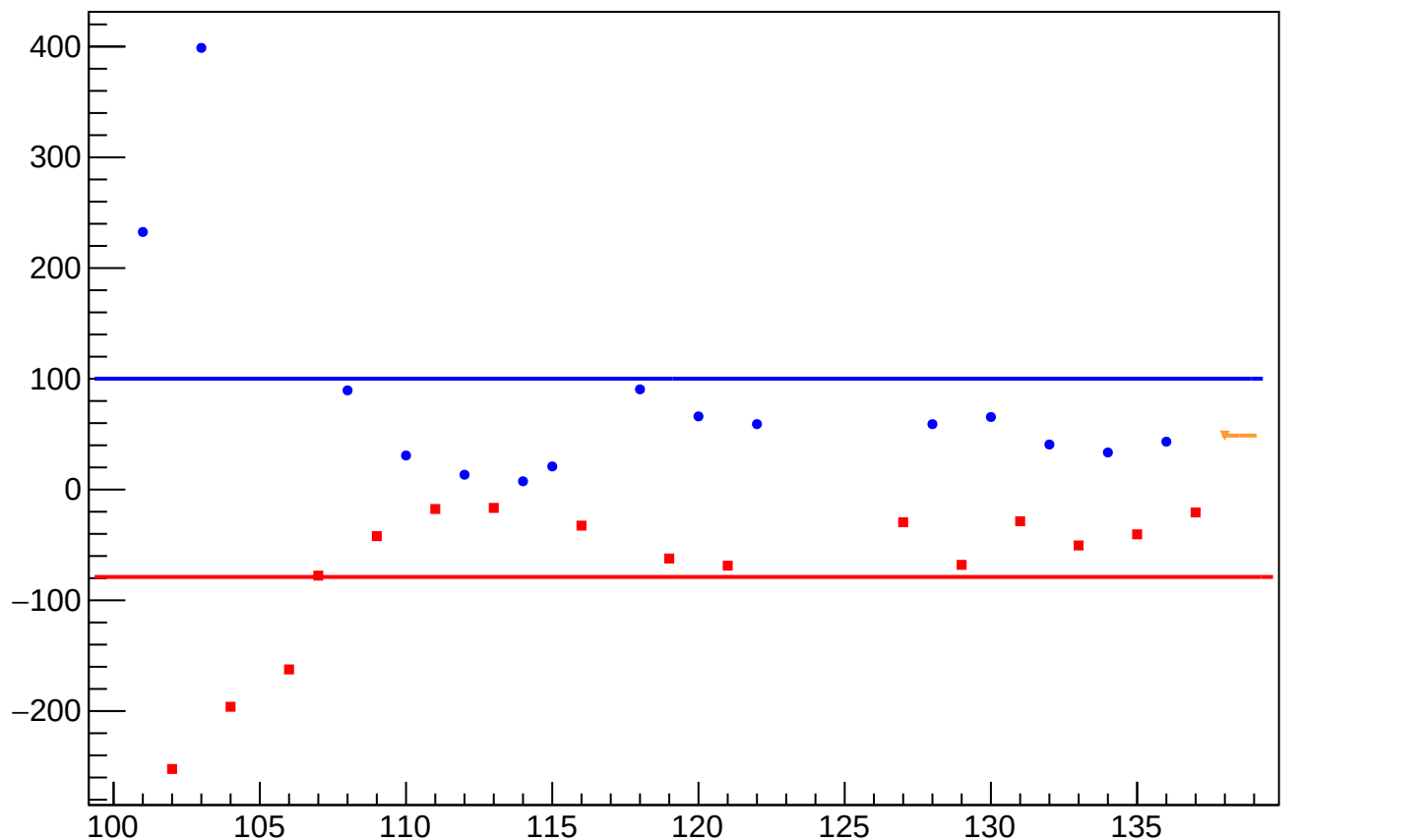
χ^2/NDF : 683113062504059.

χ^2/NDF : 722433384570495

χ^2/NDF : 180850944380635

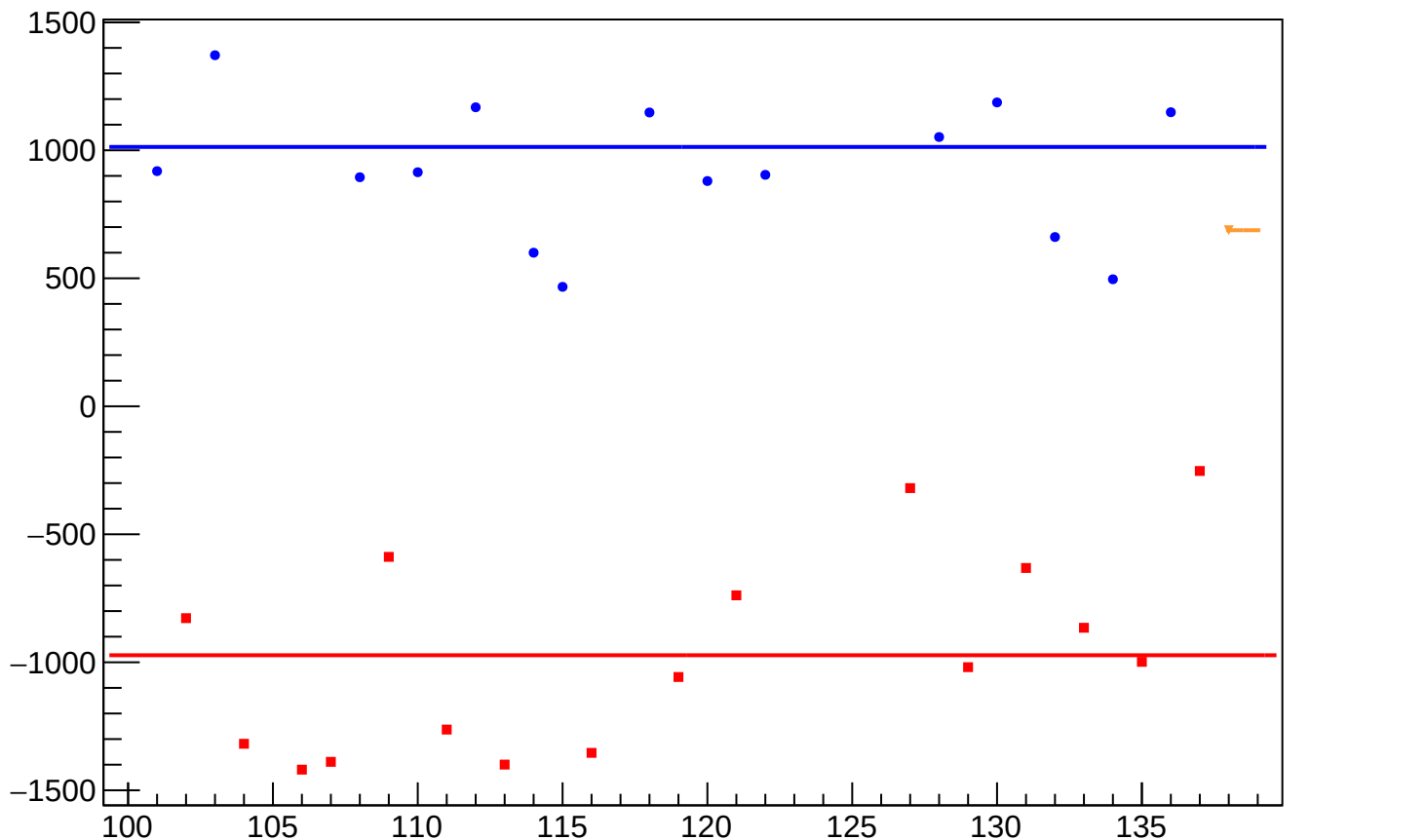
All: -196.775+/-0.000 χ^2/NDF : 70784297207

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



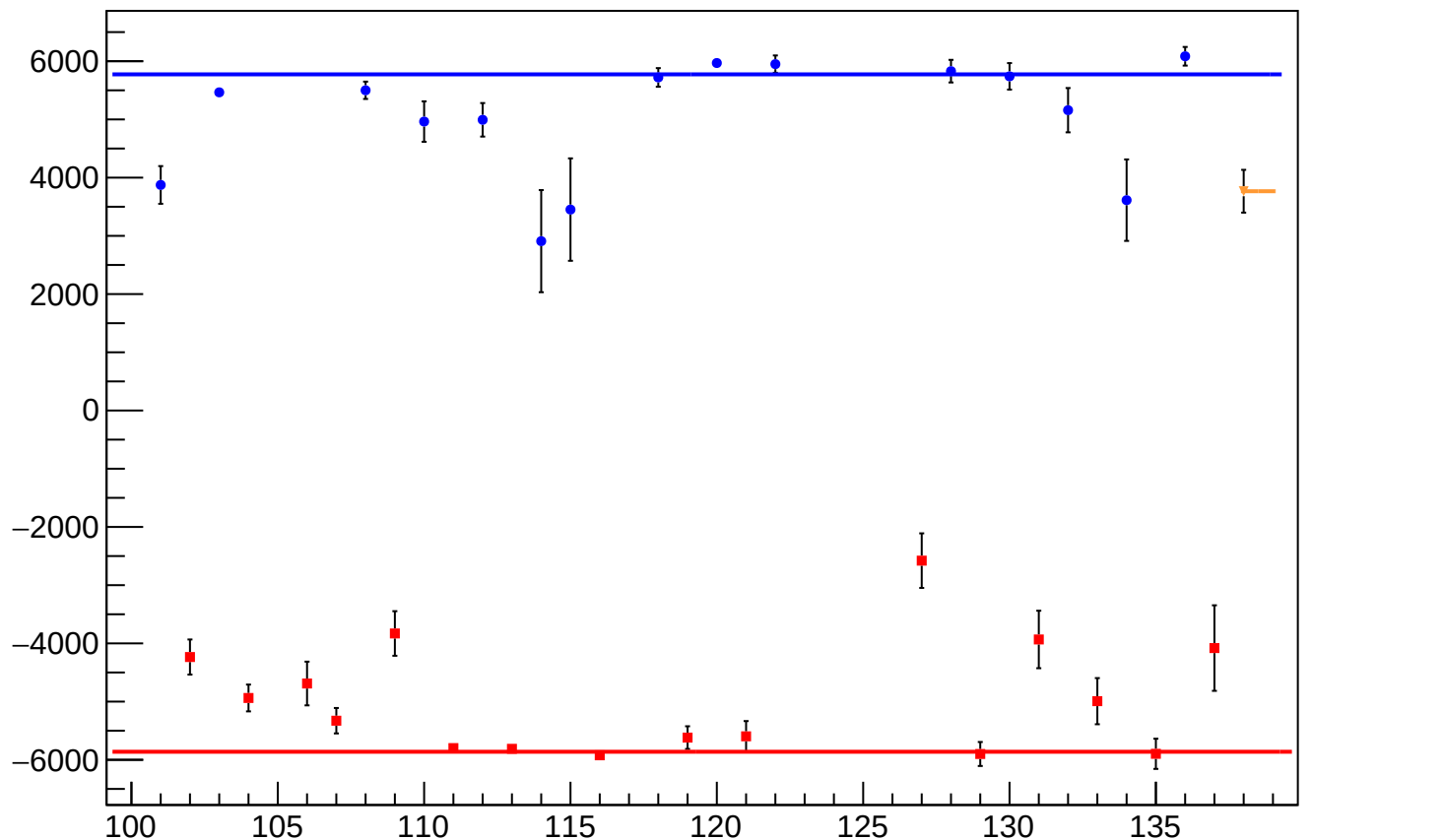
Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: 48.773+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Out: -65.516+/-0.000 χ^2/NDF : 4663113673254627
 All: 11.606+/-0.000 χ^2/NDF : 2199461559754

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 687.718+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 44.864+/-0.000 χ^2/NDF : 1441640395402

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF : 1828526.5/14

Left Out: 3766.577+/-367.580 χ^2/NDF :0.0/0

Right Out: -5861.461+/-0.140 χ^2/NDF : 180020.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 3766.577+/-367.580 χ^2/NDF : 0.0/0

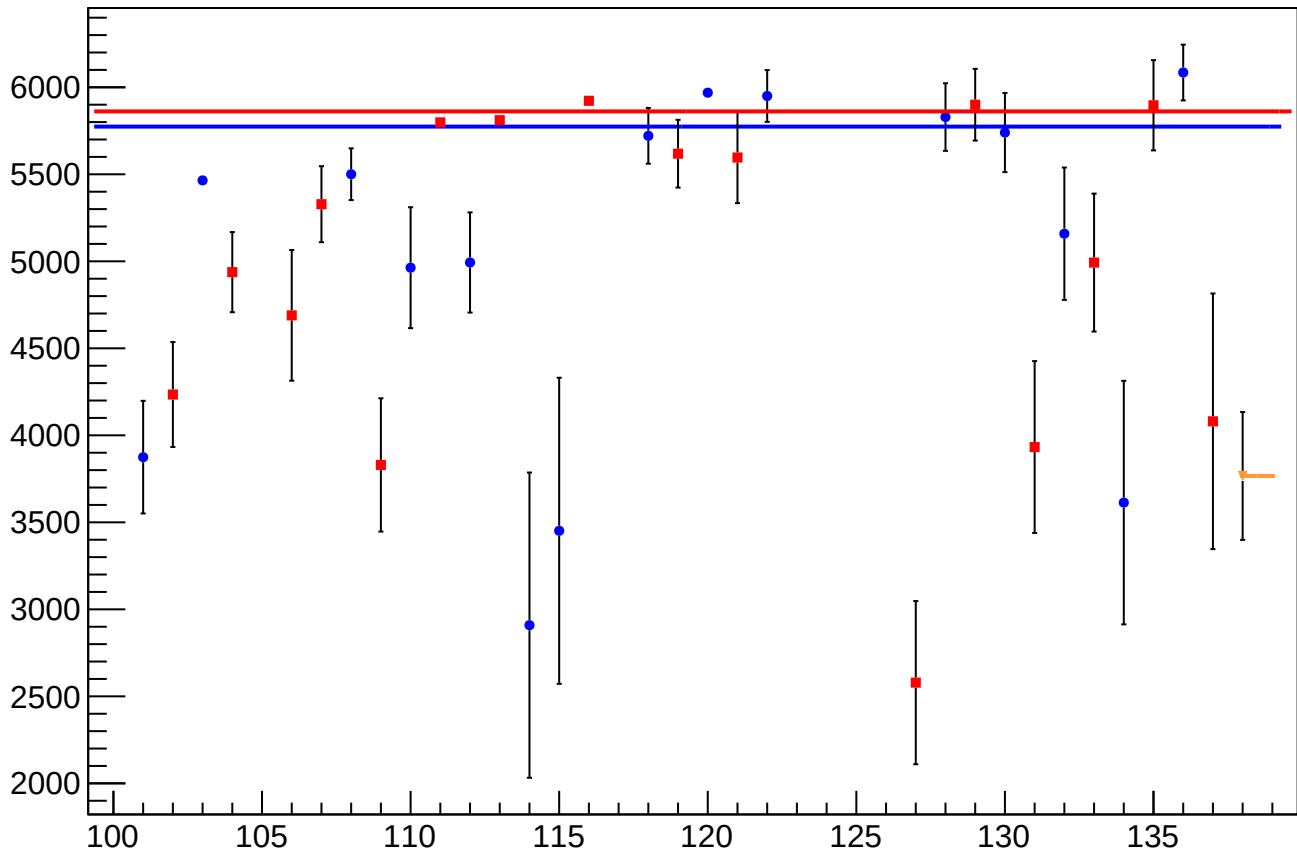
Right: -1536.191+/-0.111 χ^2/NDF : 2585354230.9/30

In: 5774.117+/-0.181 χ^2/NDF :1828526.5/14

Out: -5861.460+/-0.140 χ^2/NDF :180706.5/16

All: -1536.191+/-0.111 χ^2/NDF : 2585354439

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF : 1828526.5/14

Left Out: 3766.577+/-367.580 χ^2/NDF :0.0/0

Right Out: 5861.461+/-0.140 χ^2/NDF : 180020.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 3766.577+/-367.580 χ^2/NDF : 0.0/0

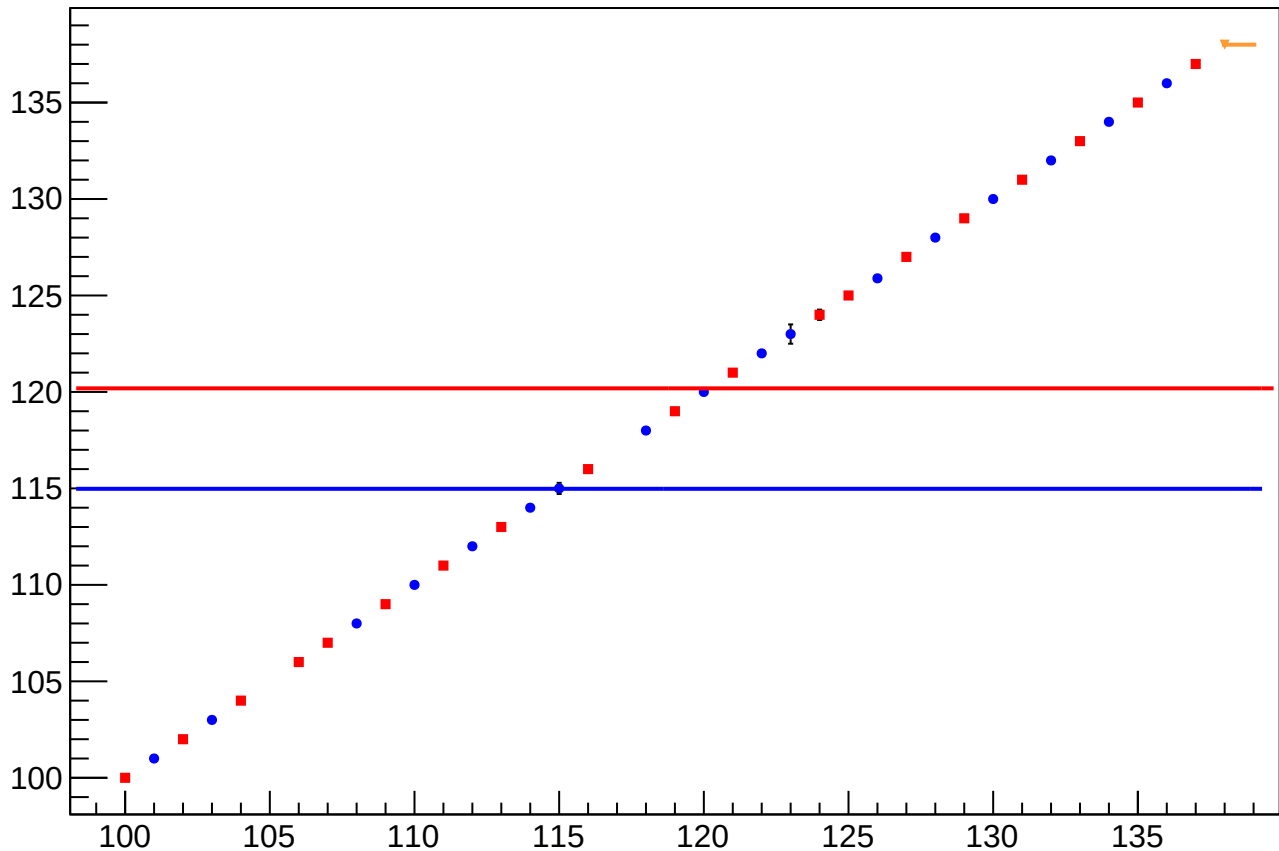
Right: 5828.993+/-0.111 χ^2/NDF : 2154118.4/30

In: 5774.117+/-0.181 χ^2/NDF :1828526.5/14

Out: 5861.461+/-0.140 χ^2/NDF :180052.9/16

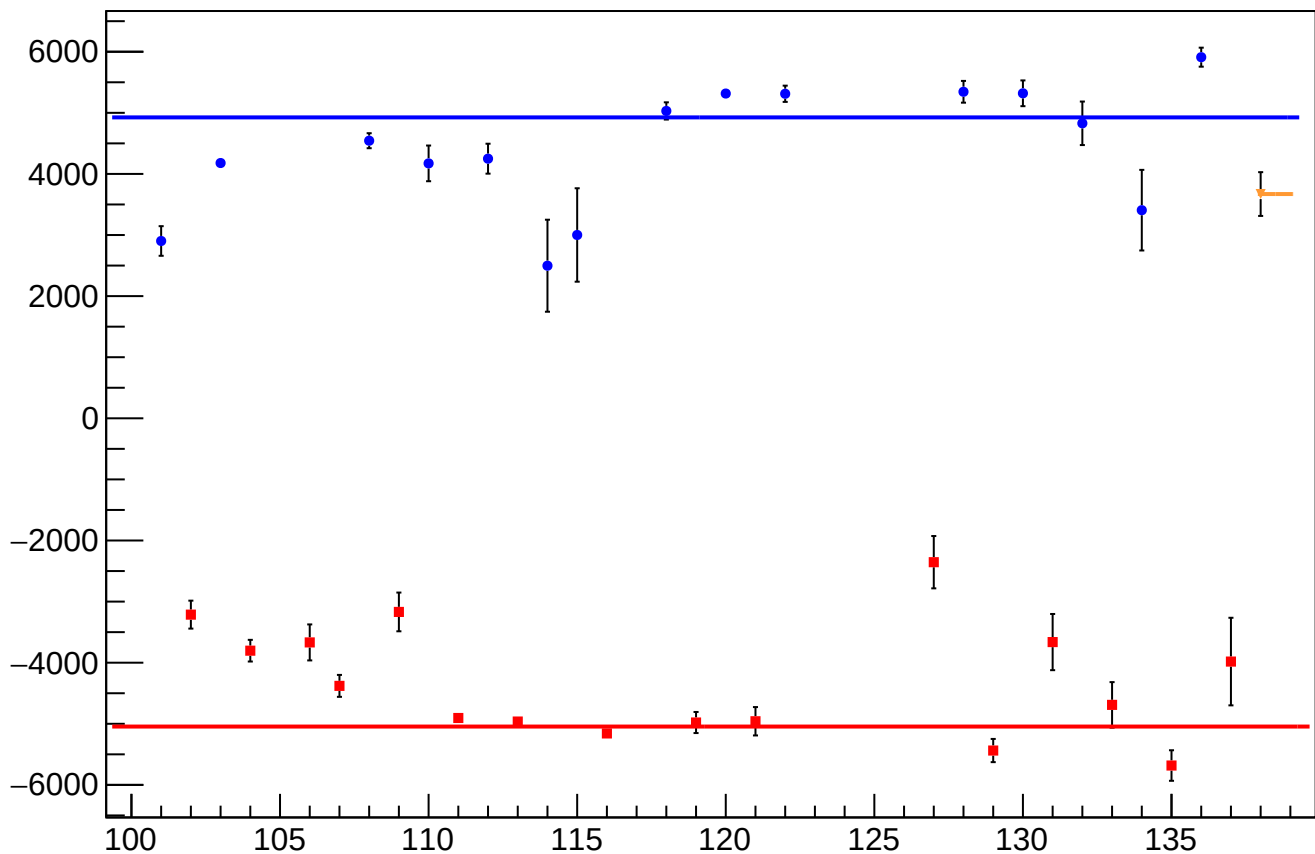
All: 5828.993+/-0.111 χ^2/NDF : 2154149.8/31

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left: 138.000+/-0.000 χ^2/NDF : 77.0/0
 Right: 117.096+/-0.000 χ^2/NDF : 180832885295768
 Left Out: 138.000+/-0.000 χ^2/NDF : 77.0/0
 In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Out: 121.722+/-0.000 χ^2/NDF : 7987328592335955
 Left In: 0.000+/-0.000 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: 3670.641 $\pm$ 358.219 χ^2 /NDF:0.0/0

Right Out: -5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

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

Left: 3670.641 $\pm$ 358.219 χ^2 /NDF: 0.0/0

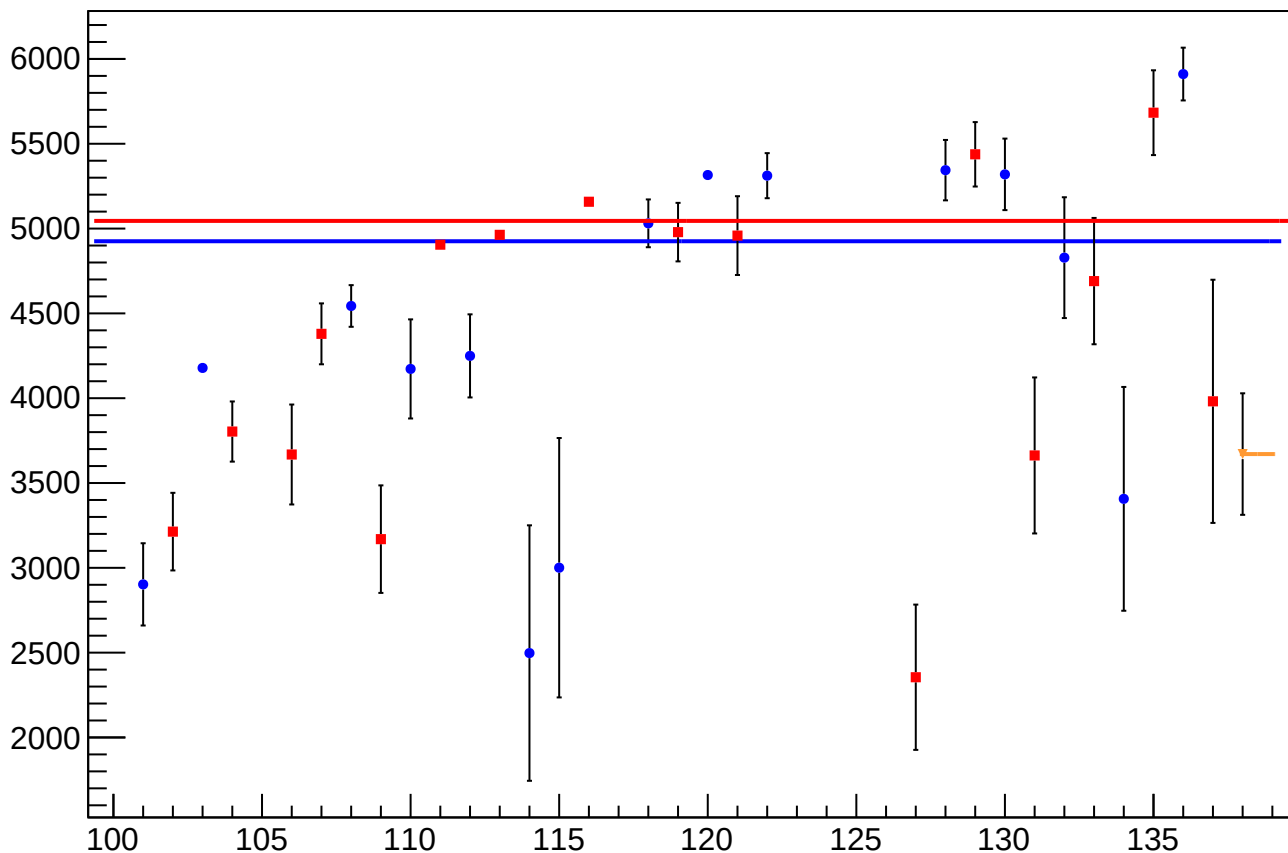
Right: -1694.510 $\pm$ 0.544 χ^2 /NDF: 75266282.5/30

In: 4925.305 $\pm$ 0.939 χ^2 /NDF:330994.6/14

Out: -5045.191 $\pm$ 0.668 χ^2 /NDF:30771.9/16

All: -1694.498 $\pm$ 0.544 χ^2 /NDF: 75266506.9/30

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 3670.641 $\pm$ 358.219 χ^2 /NDF:0.0/0

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

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

Left: 3670.641 $\pm$ 358.219 χ^2 /NDF: 0.0/0

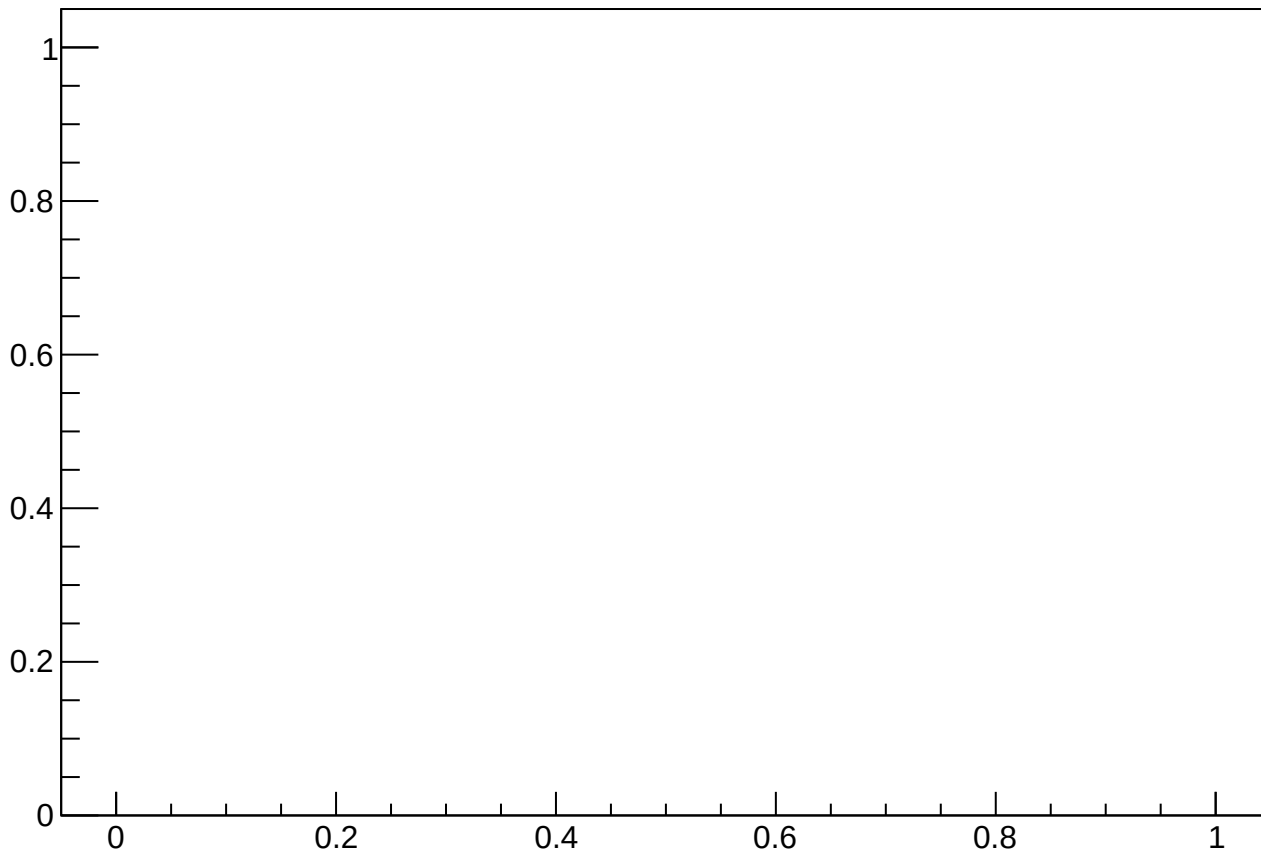
Right: 5004.922 $\pm$ 0.544 χ^2 /NDF: 372009.4/30

In: 4925.305 $\pm$ 0.939 χ^2 /NDF:330994.6/14

Out: 5045.216 $\pm$ 0.668 χ^2 /NDF:30194.6/16

All: 5004.919 $\pm$ 0.544 χ^2 /NDF: 372023.3/31

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

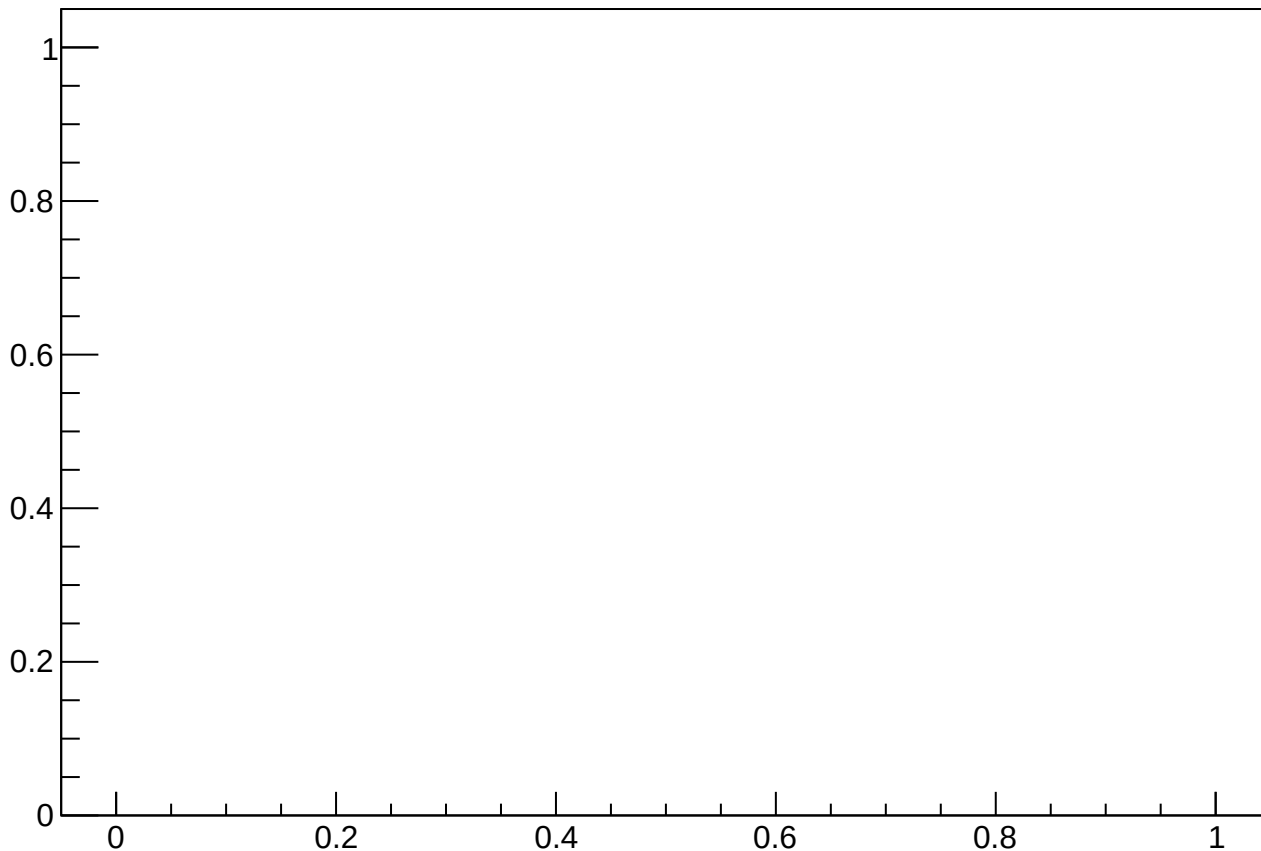
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_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

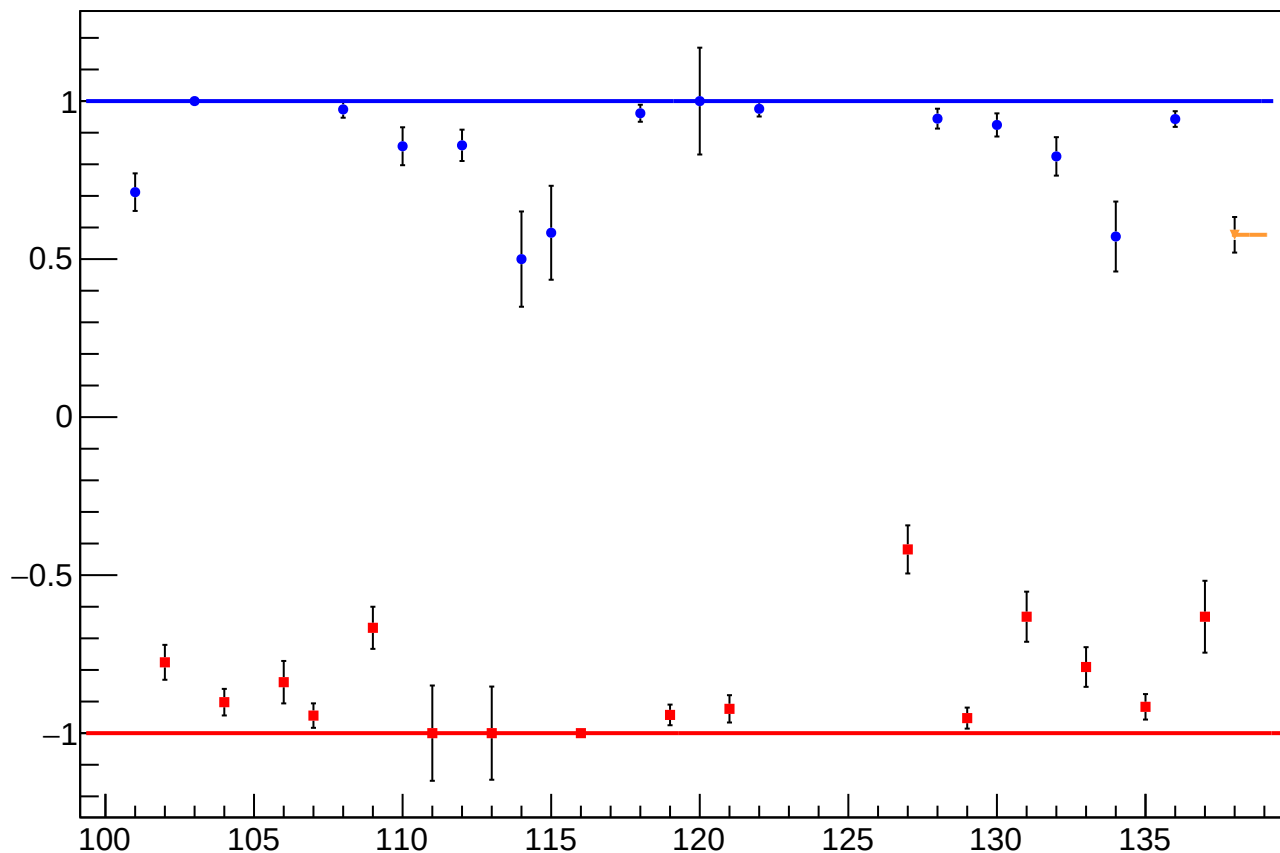
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.577+/-0.056 χ^2/NDF : 0.0/0

Right Out: -1.000+/-0.000 χ^2/NDF : 168.9/15

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

Left: 0.577+/-0.056 χ^2/NDF : 0.0/0

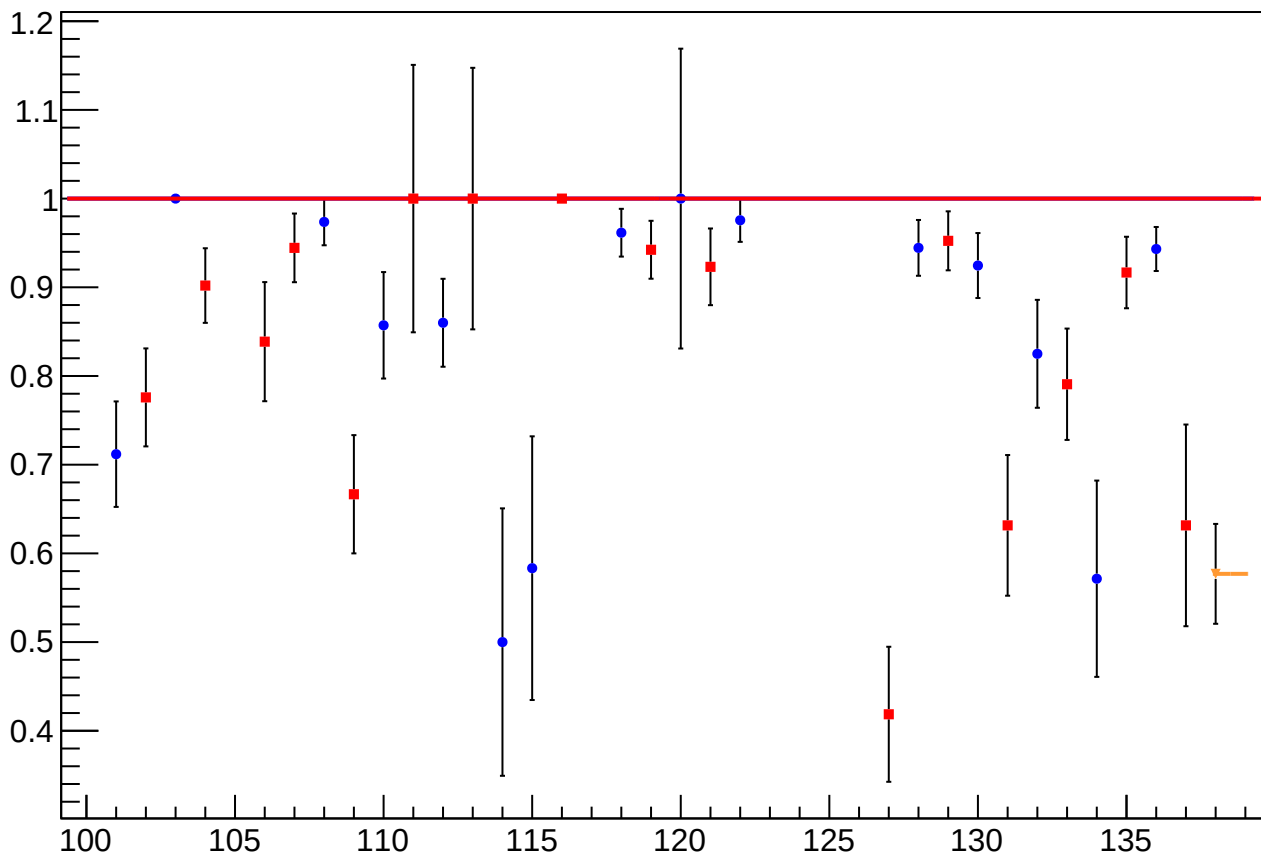
Right: 0.398+/-0.000 χ^2/NDF : 14173250084479480

In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Out: -1.000+/-0.000 χ^2/NDF : 953.3/16

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: 0.577+/-0.056 χ^2/NDF : 0.0/0

Right Out: 1.000+/-0.000 χ^2/NDF : 168.9/15

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

Left: 0.577+/-0.056 χ^2/NDF : 0.0/0

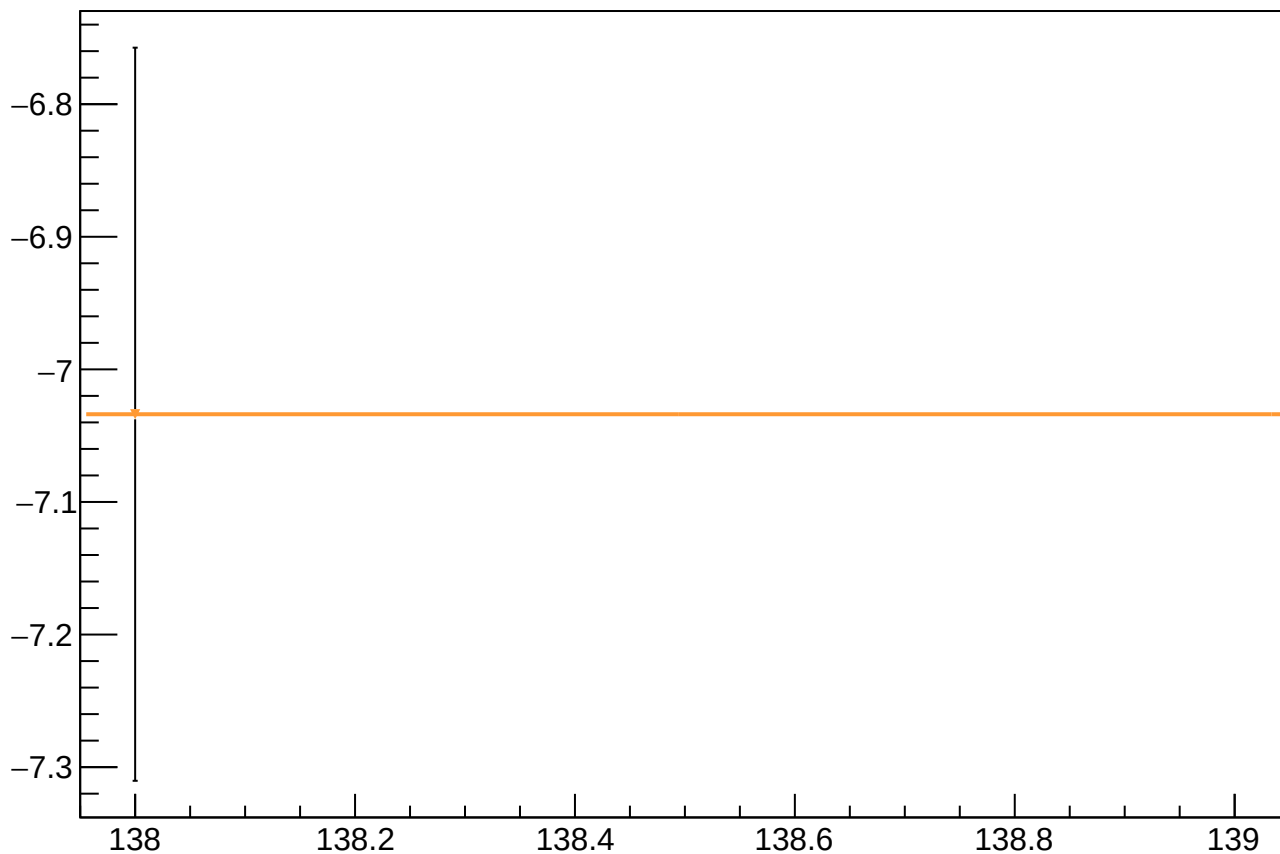
Right: 1.000+/-0.000 χ^2/NDF : 347.8/30

In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Out: 1.000+/-0.000 χ^2/NDF : 225.3/16

All: 1.000+/-0.000 χ^2/NDF : 404.2/31

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.034+/-0.276 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: -7.034+/-0.276 χ^2/NDF : 0.0/0

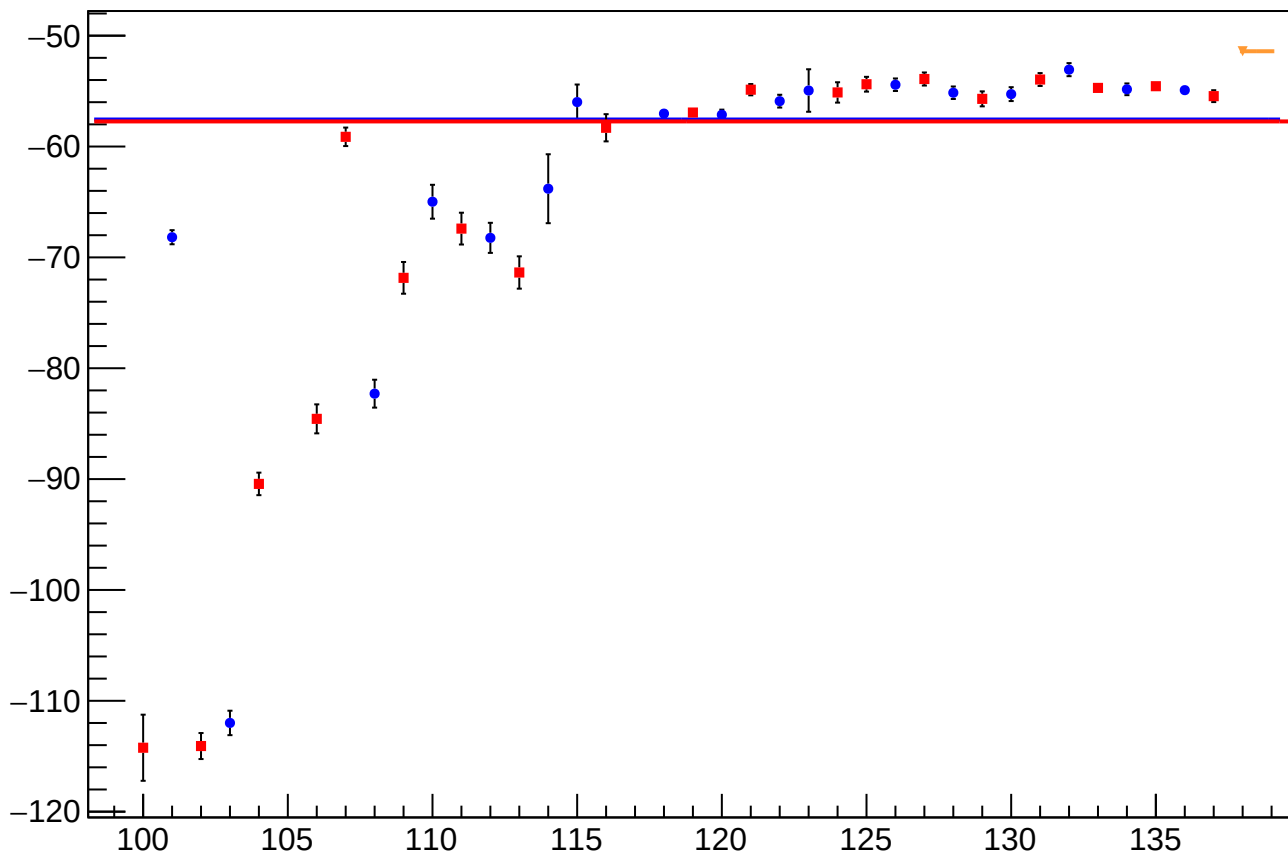
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -7.034+/-0.276 χ^2/NDF : 0.0/0

All: -7.034+/-0.276 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF : 3455.9/16

Left Out: -51.404+/-0.322 χ^2/NDF : 0.0/0

Right Out: -57.736+/-0.143 χ^2/NDF : 4698.4/18

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

Left: -51.404+/-0.322 χ^2/NDF : 0.0/0

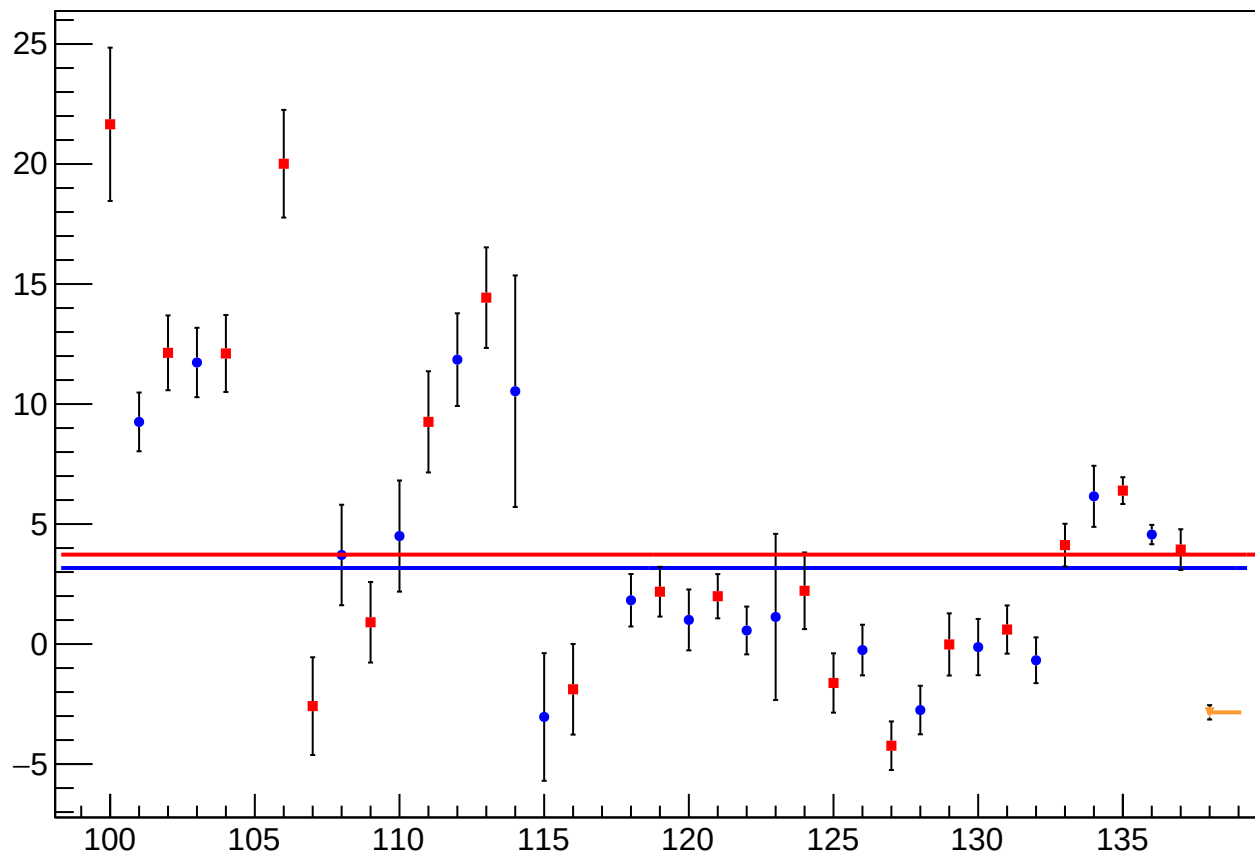
Right: -57.649+/-0.101 χ^2/NDF : 8155.1/35

In: -57.563+/-0.141 χ^2/NDF : 3455.9/16

Out: -56.694+/-0.131 χ^2/NDF : 5020.9/19

All: -57.094+/-0.096 χ^2/NDF : 8497.2/36

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 $\pm$ 0.258 χ^2 /NDF: 186.2/16

Left Out: -2.845 $\pm$ 0.300 χ^2 /NDF:0.0/0

Right Out: 3.726 $\pm$ 0.267 χ^2 /NDF: 323.3/18

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

Left: -2.845 $\pm$ 0.300 χ^2 /NDF: 0.0/0

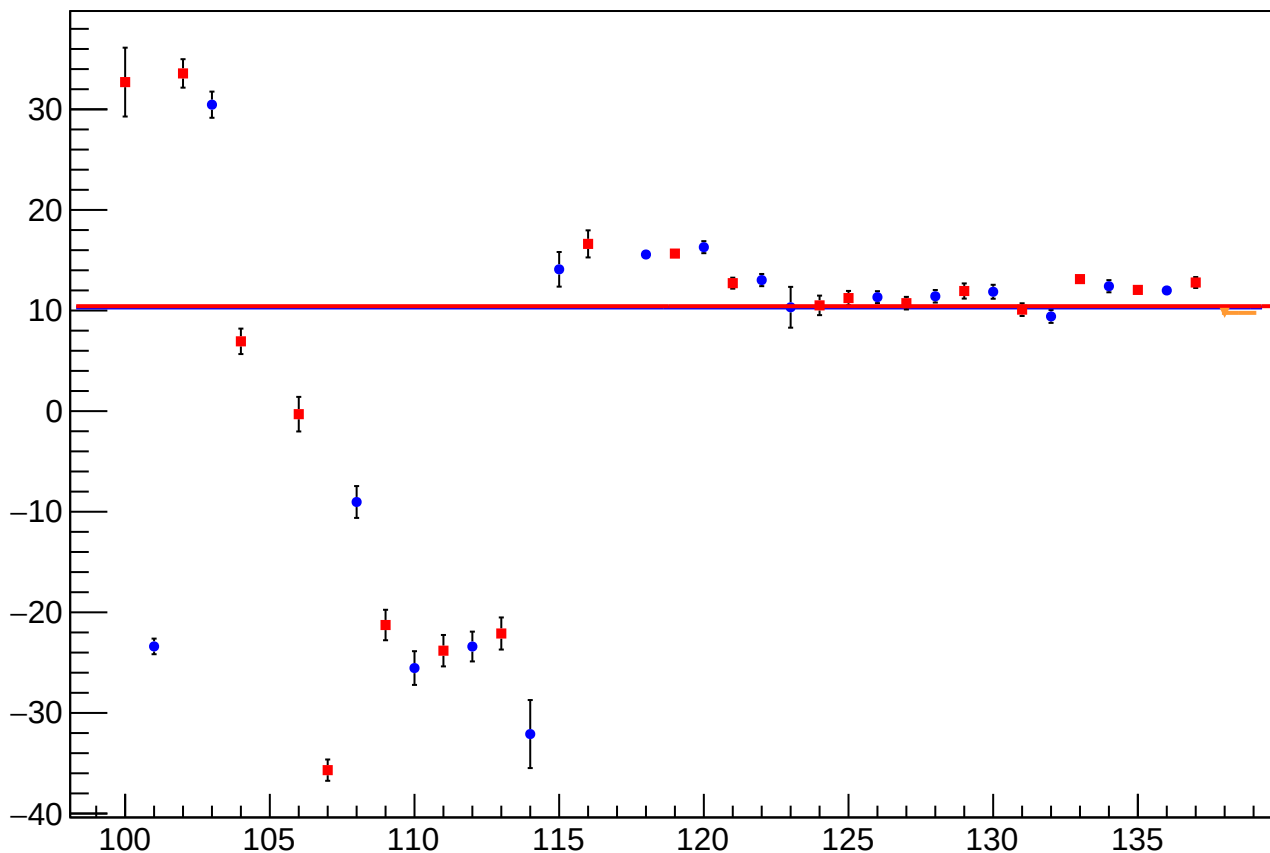
Right: 3.437 $\pm$ 0.185 χ^2 /NDF: 511.7/35

In: 3.168 $\pm$ 0.258 χ^2 /NDF:186.2/16

Out: 0.822 $\pm$ 0.200 χ^2 /NDF:590.8/19

All: 1.701 $\pm$ 0.158 χ^2 /NDF: 828.8/36

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: 9.767 $\pm$ 0.354 χ^2 /NDF:0.0/0

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

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

Left: 9.767 $\pm$ 0.354 χ^2 /NDF: 0.0/0

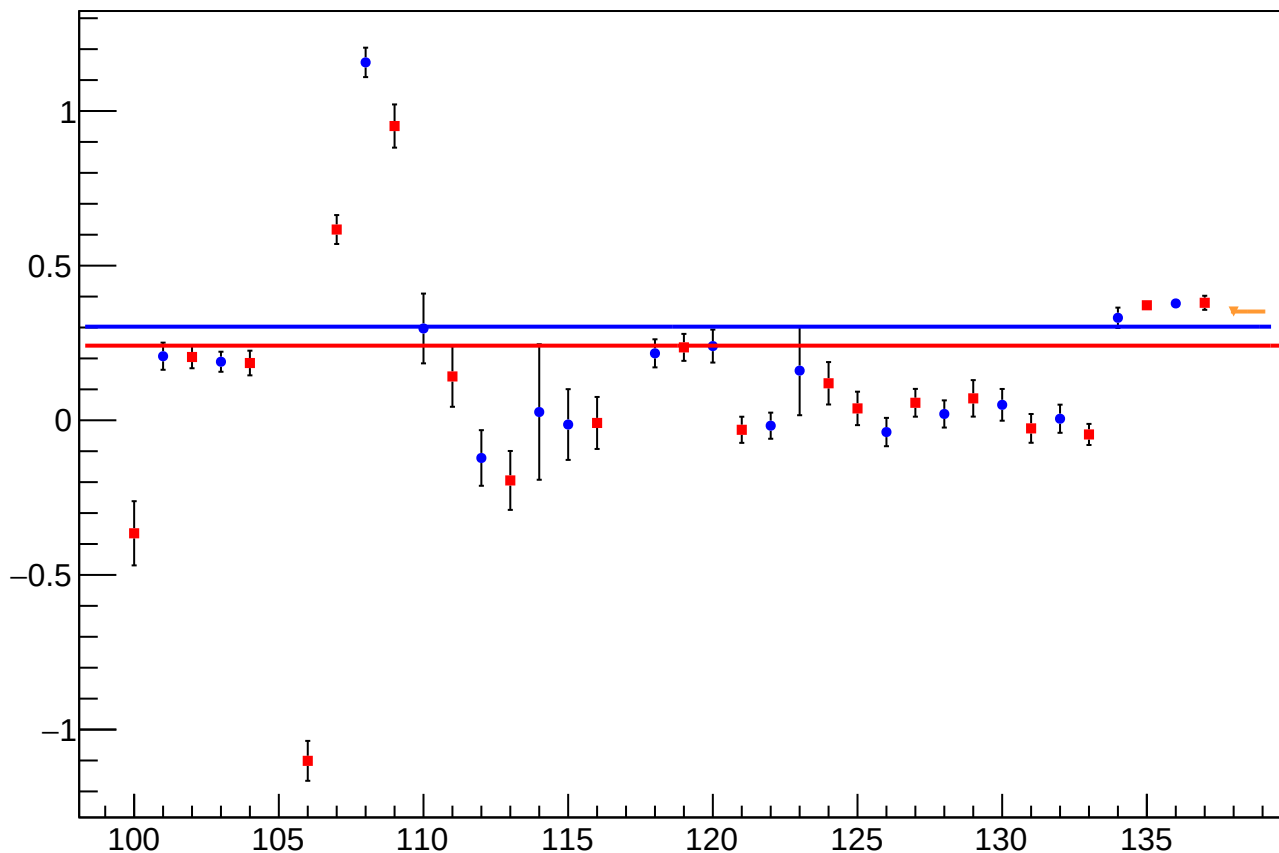
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7541.1/35

In: 10.306 $\pm$ 0.157 χ^2 /NDF:3712.3/16

Out: 10.320 $\pm$ 0.146 χ^2 /NDF:3831.4/19

All: 10.313 $\pm$ 0.107 χ^2 /NDF: 7543.7/36

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: 0.352 $\pm$ 0.012 χ^2 /NDF:0.0/0

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

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

Left: 0.352 $\pm$ 0.012 χ^2 /NDF: 0.0/0

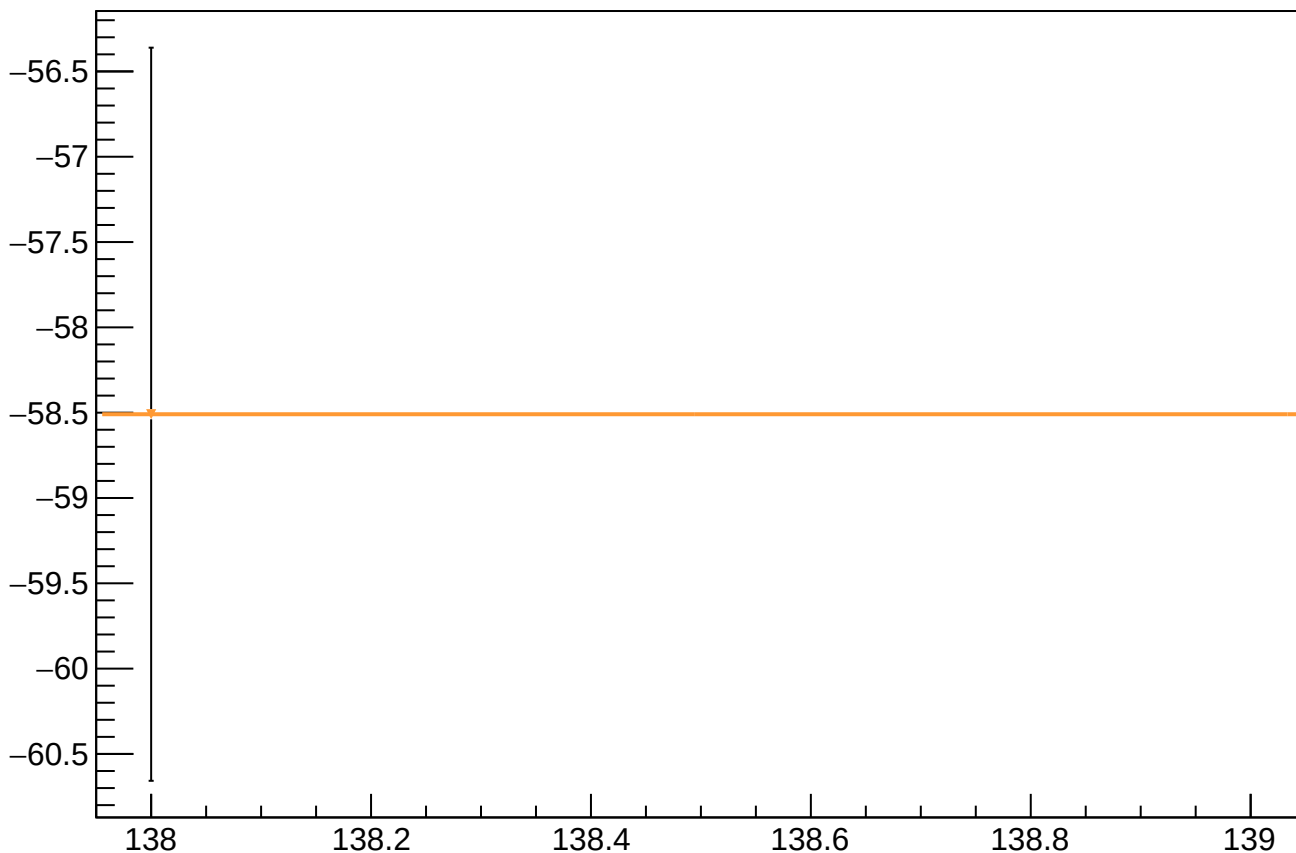
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1660.4/35

In: 0.303 $\pm$ 0.008 χ^2 /NDF:646.6/16

Out: 0.280 $\pm$ 0.007 χ^2 /NDF:1046.2/19

All: 0.289 $\pm$ 0.005 χ^2 /NDF: 1697.2/36

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -58.509+/-2.148 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: -58.509+/-2.148 χ^2/NDF : 0.0/0

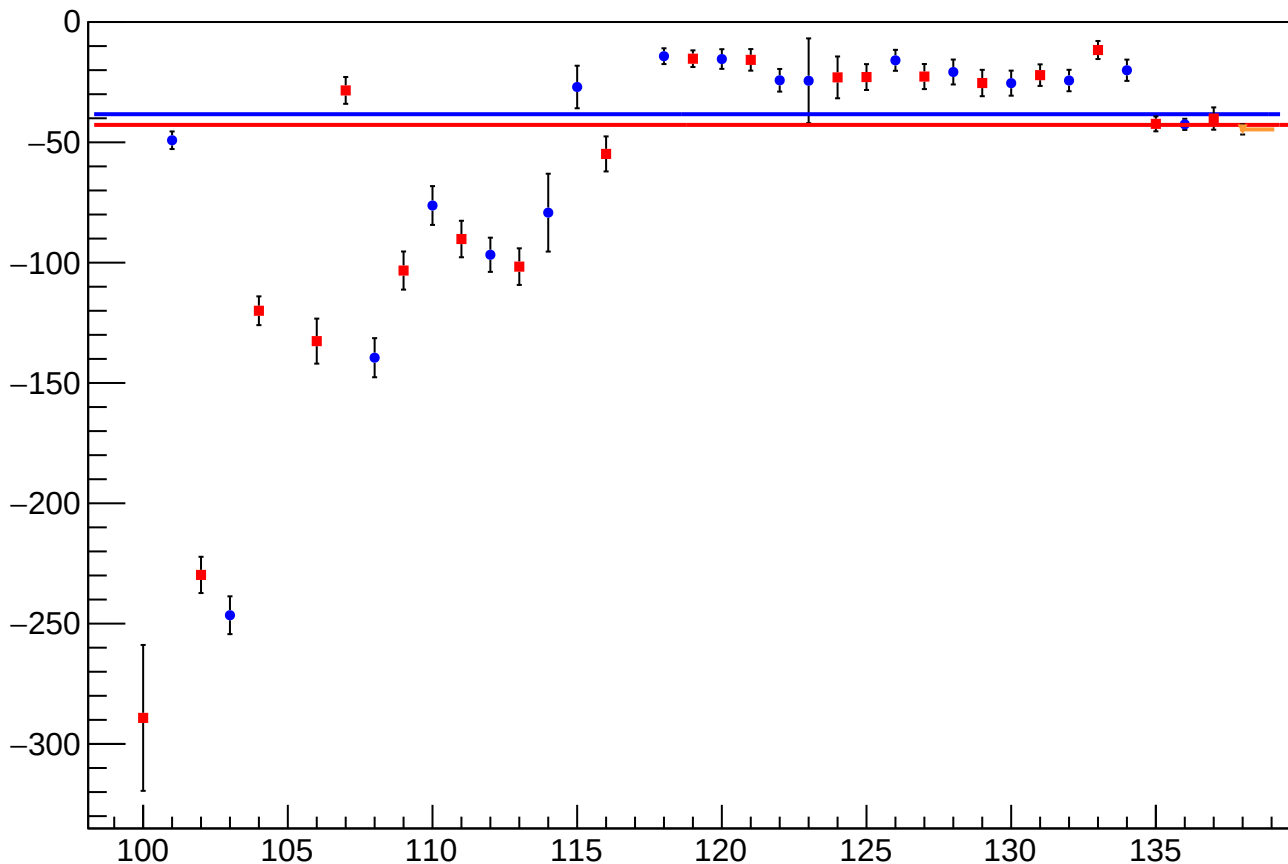
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -58.509+/-2.148 χ^2/NDF : 0.0/0

All: -58.509+/-2.148 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -44.638 ± 2.106 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

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

Left: -44.638 ± 2.106 $\chi^2/\text{NDF}: 0.0/0$

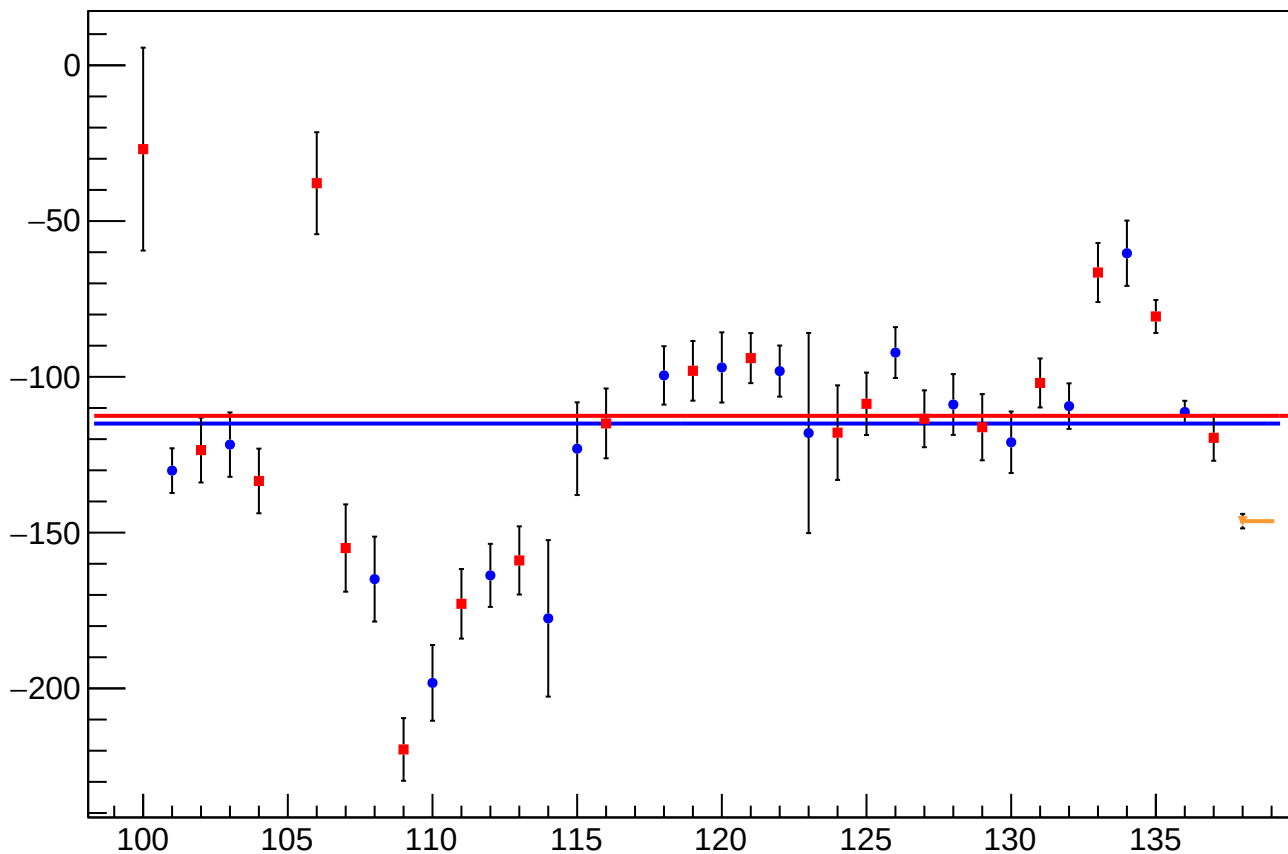
Right: -40.393 ± 0.829 $\chi^2/\text{NDF}: 2481.4/35$

In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Out: -43.223 ± 1.050 $\chi^2/\text{NDF}: 1342.2/19$

All: -40.962 ± 0.771 $\chi^2/\text{NDF}: 2484.9/36$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF : 141.8/16

Left Out: -146.314+/-2.329 χ^2/NDF : 0.0/0

Right Out: -112.510+/-2.207 χ^2/NDF : 273.1/18

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

Left: -146.314+/-2.329 χ^2/NDF : 0.0/0

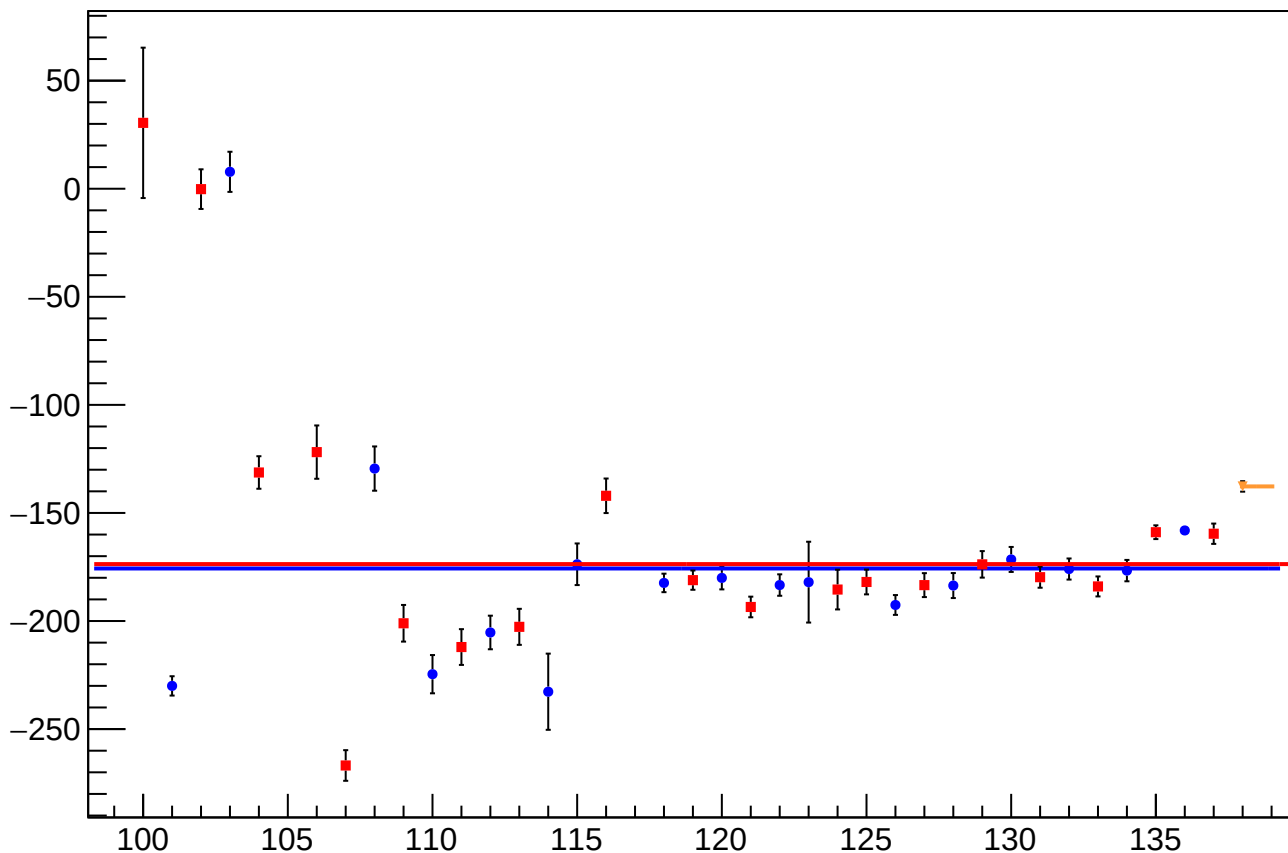
Right: -113.831+/-1.511 χ^2/NDF : 415.6/35

In: -114.996+/-2.072 χ^2/NDF : 141.8/16

Out: -128.501+/-1.602 χ^2/NDF : 384.1/19

All: -123.450+/-1.267 χ^2/NDF : 552.5/36

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2 /NDF: 692.9/16

Left Out: -137.730+/-2.424 χ^2 /NDF:0.0/0

Right Out: -173.666+/-1.356 χ^2 /NDF: 737.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: -137.730+/-2.424 χ^2 /NDF: 0.0/0

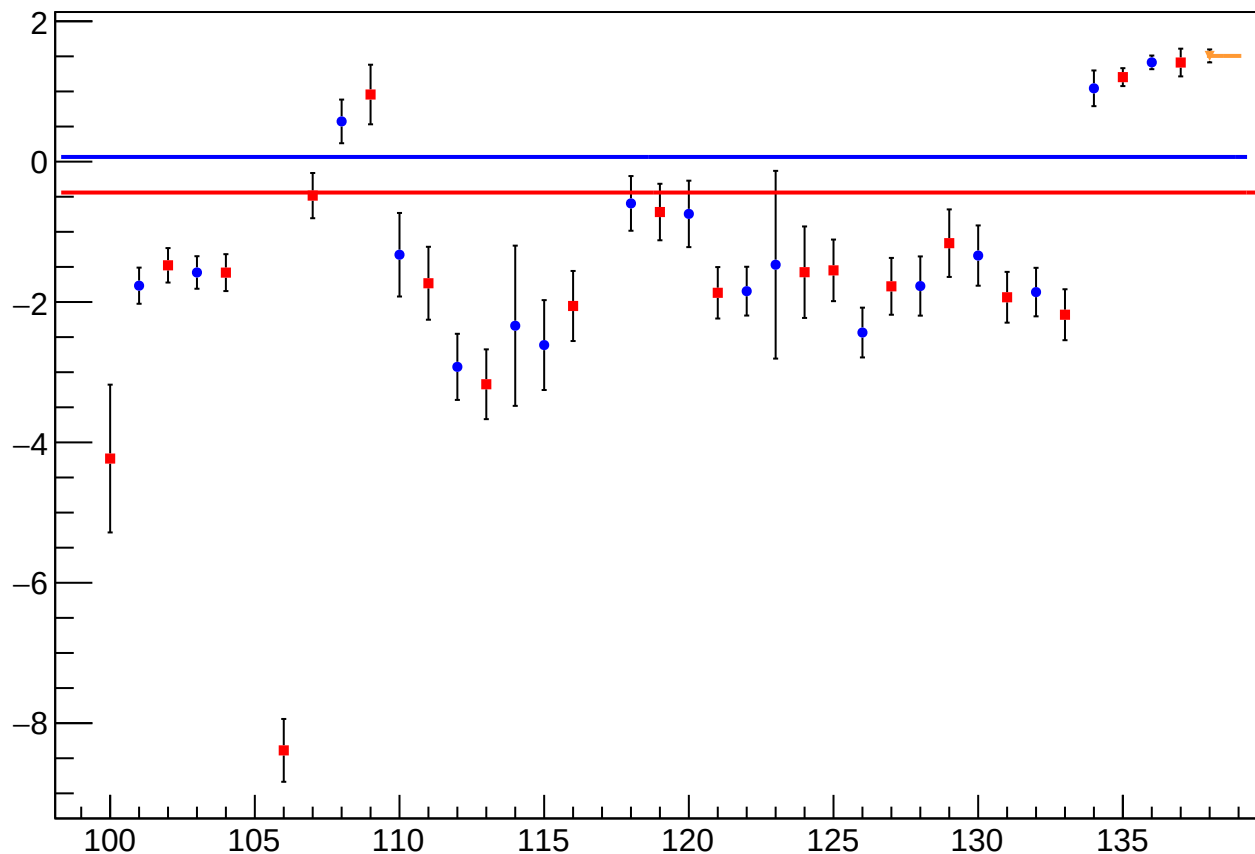
Right: -174.749+/-0.926 χ^2 /NDF: 1431.8/35

In: -175.696+/-1.268 χ^2 /NDF:692.9/16

Out: -165.103+/-1.183 χ^2 /NDF:905.1/19

All: -170.035+/-0.865 χ^2 /NDF: 1635.4/36

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 $\pm$ 0.067 χ^2 /NDF: 526.1/16

Left Out: 1.506 $\pm$ 0.092 χ^2 /NDF:0.0/0

Right Out: -0.440 $\pm$ 0.071 χ^2 /NDF: 754.9/18

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

Left: 1.506 $\pm$ 0.092 χ^2 /NDF: 0.0/0

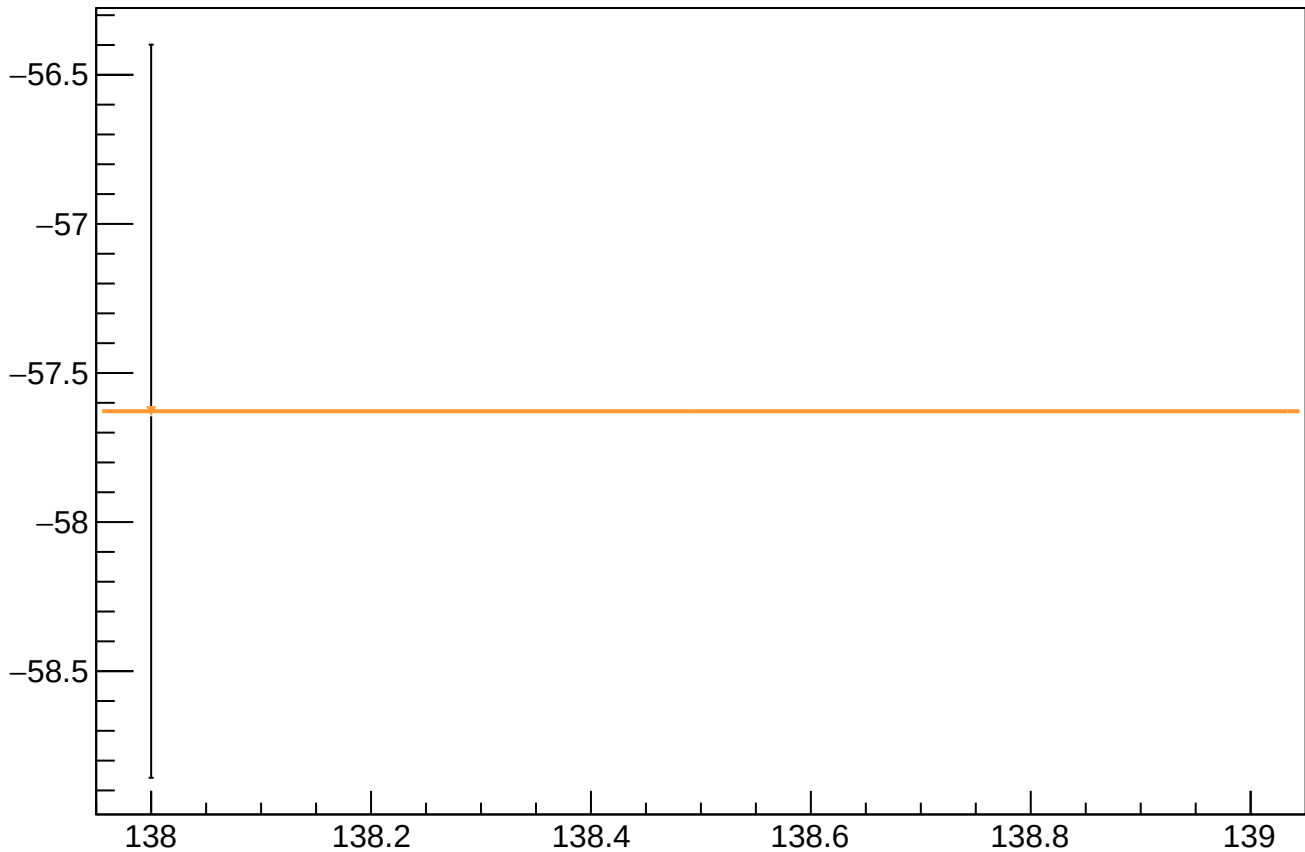
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1308.0/35

In: 0.067 $\pm$ 0.067 χ^2 /NDF:526.1/16

Out: 0.284 $\pm$ 0.056 χ^2 /NDF:1033.8/19

All: 0.194 $\pm$ 0.043 χ^2 /NDF: 1566.1/36

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -57.628 ± 1.229 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: -57.628 ± 1.229 χ^2/NDF : 0.0/0

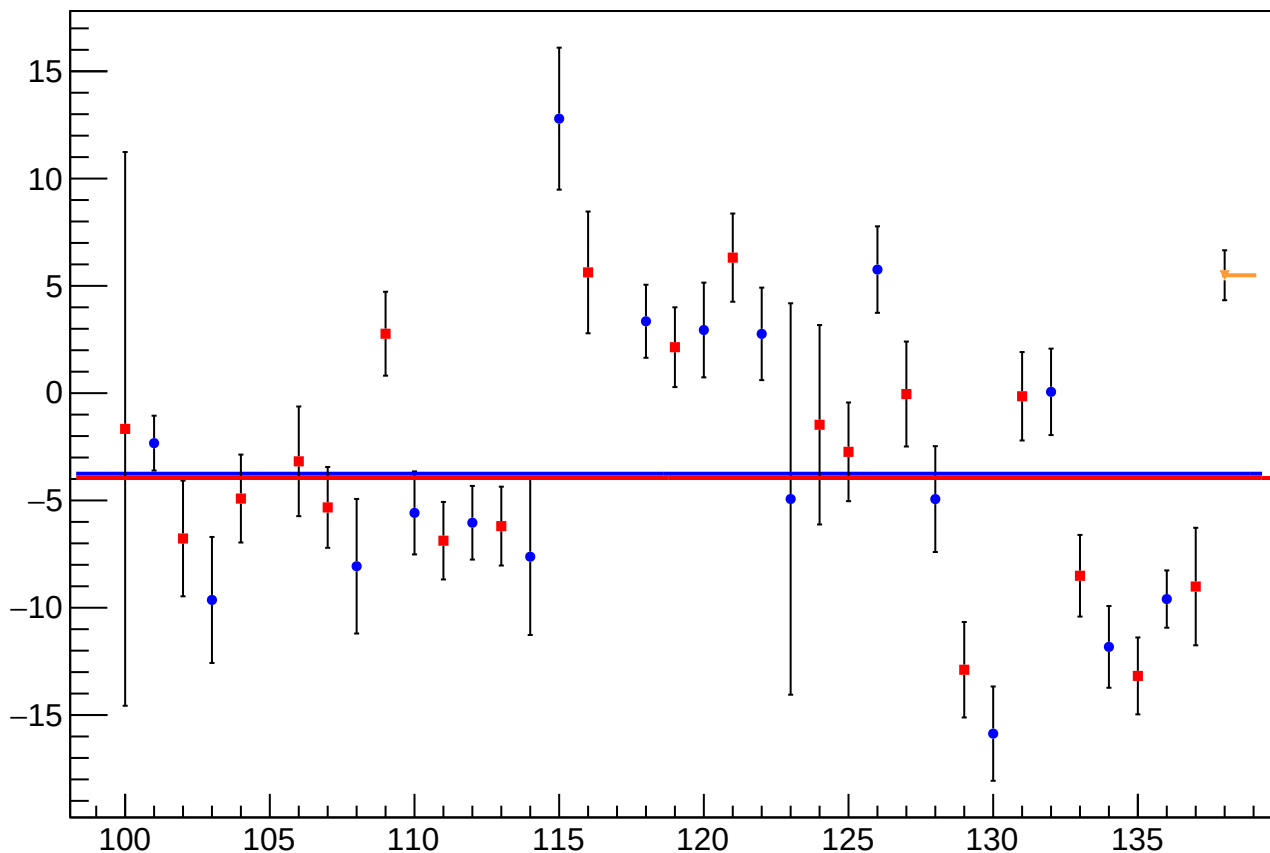
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Out: -57.628 ± 1.229 χ^2/NDF : 0.0/0

All: -57.628 ± 1.229 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: 5.495 ± 1.164 χ^2/NDF : 0.0/0

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

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

Left: 5.495 ± 1.164 χ^2/NDF : 0.0/0

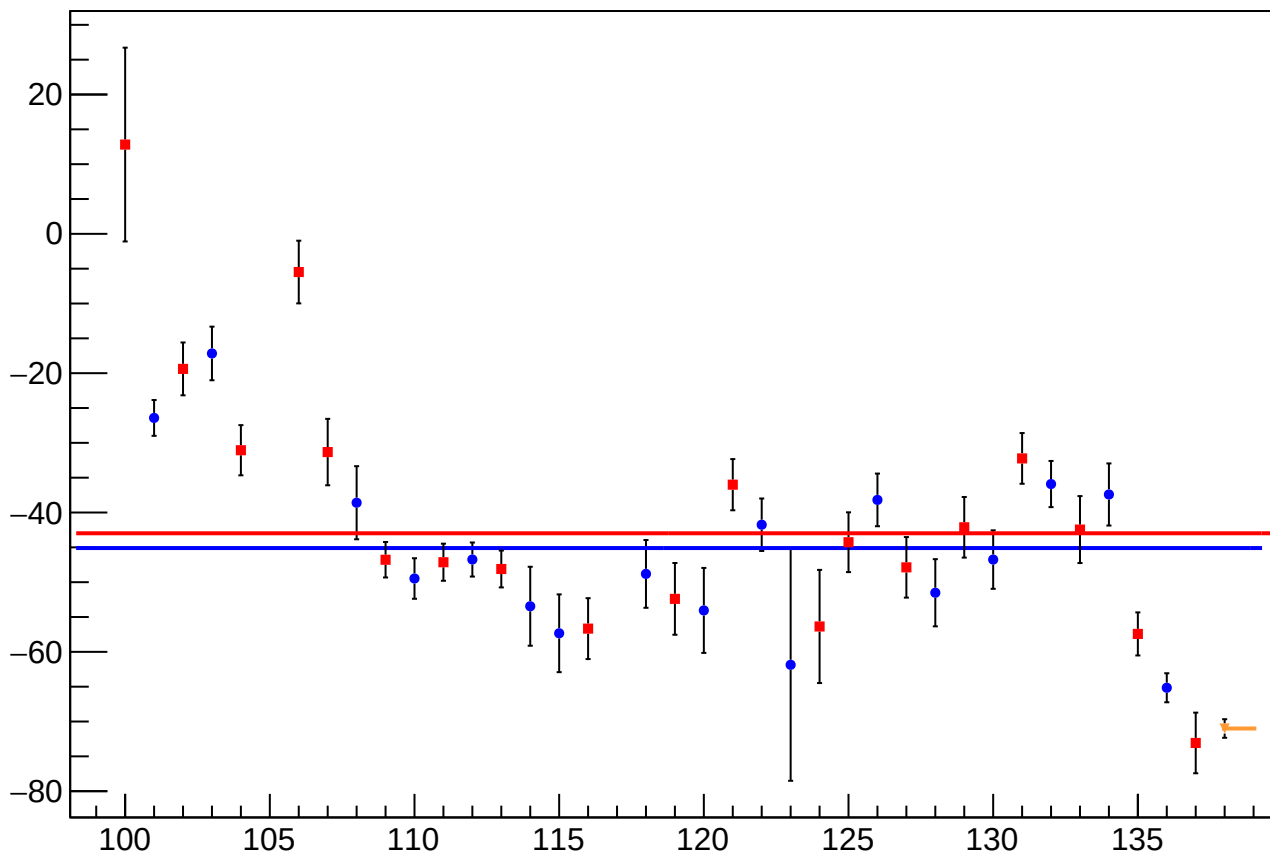
Right: -3.852 ± 0.354 χ^2/NDF : 288.7/35

In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Out: -2.448 ± 0.465 χ^2/NDF : 178.7/19

All: -3.060 ± 0.339 χ^2/NDF : 347.7/36

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -71.002 ± 1.332 χ^2/NDF : 0.0/0

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

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

Left: -71.002 ± 1.332 χ^2/NDF : 0.0/0

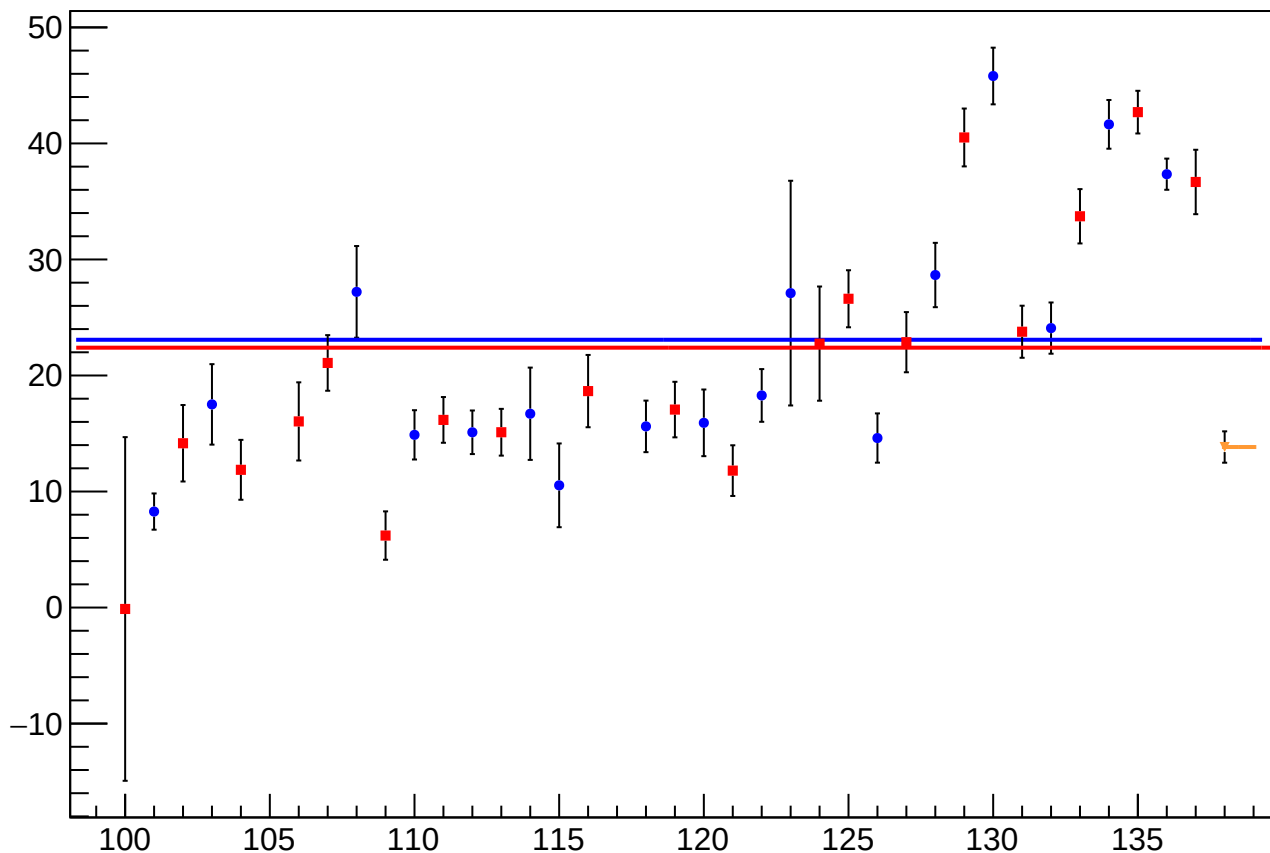
Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35

In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Out: -51.458 ± 0.733 χ^2/NDF : 557.5/19

All: -48.858 ± 0.563 χ^2/NDF : 818.2/36

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: 13.835 $\pm$ 1.352 χ^2 /NDF:0.0/0

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

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

Left: 13.835 $\pm$ 1.352 χ^2 /NDF: 0.0/0

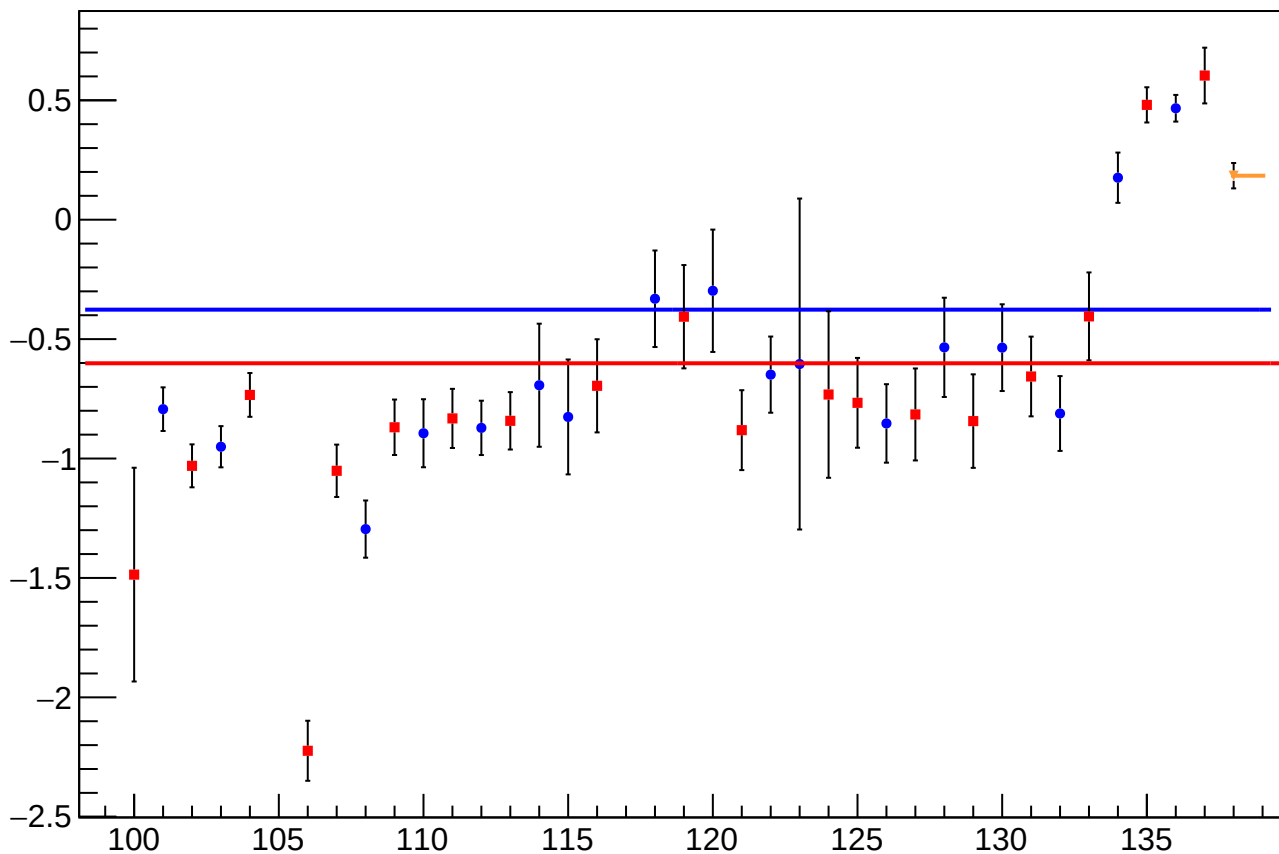
Right: 22.748 $\pm$ 0.399 χ^2 /NDF: 832.1/35

In: 23.079 $\pm$ 0.556 χ^2 /NDF:461.1/16

Out: 21.096 $\pm$ 0.527 χ^2 /NDF:404.3/19

All: 22.035 $\pm$ 0.382 χ^2 /NDF: 872.1/36

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.184 ± 0.053 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

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

Left: 0.184 ± 0.053 $\chi^2/\text{NDF}: 0.0/0$

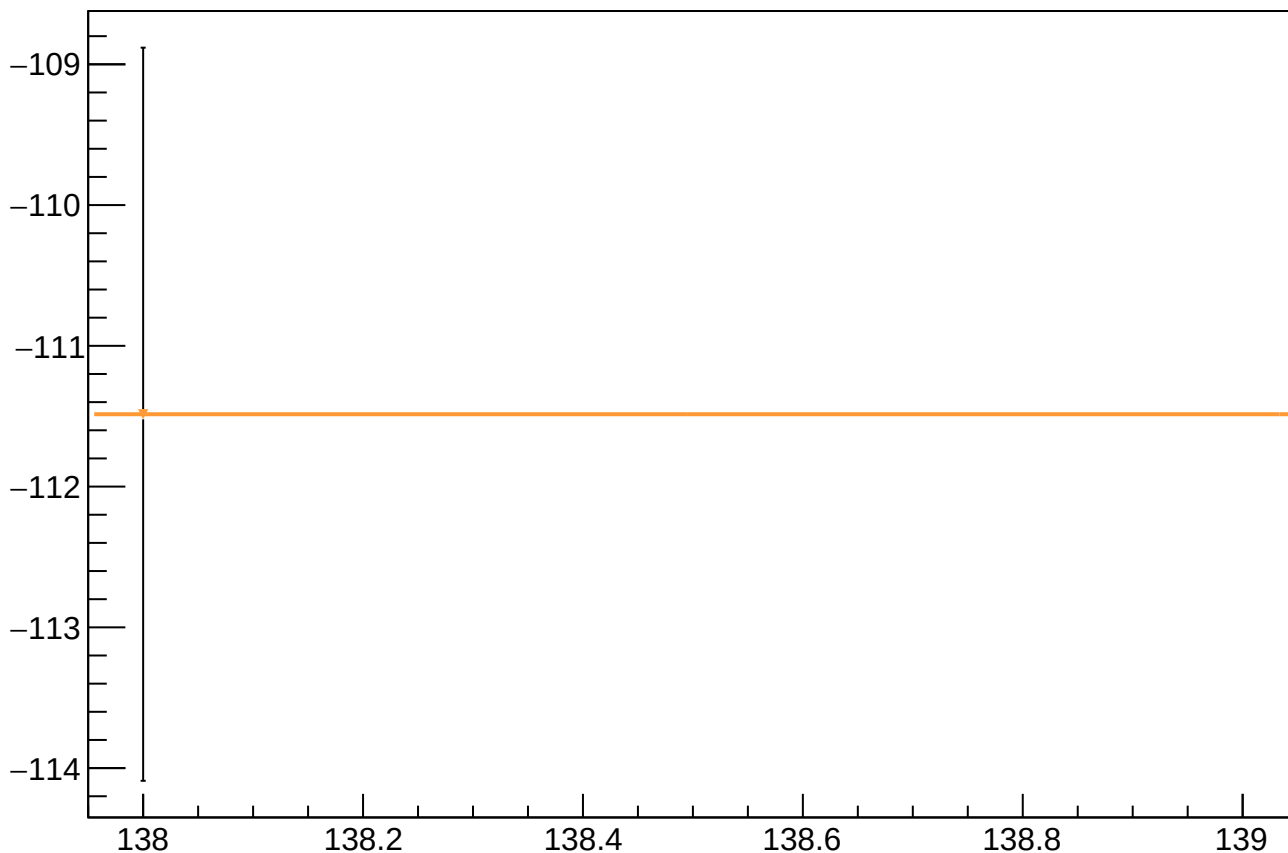
Right: -0.489 ± 0.021 $\chi^2/\text{NDF}: 1020.5/35$

In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Out: -0.410 ± 0.026 $\chi^2/\text{NDF}: 720.9/19$

All: -0.395 ± 0.020 $\chi^2/\text{NDF}: 1158.7/36$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -111.486+/-2.604 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: -111.486+/-2.604 χ^2/NDF : 0.0/0

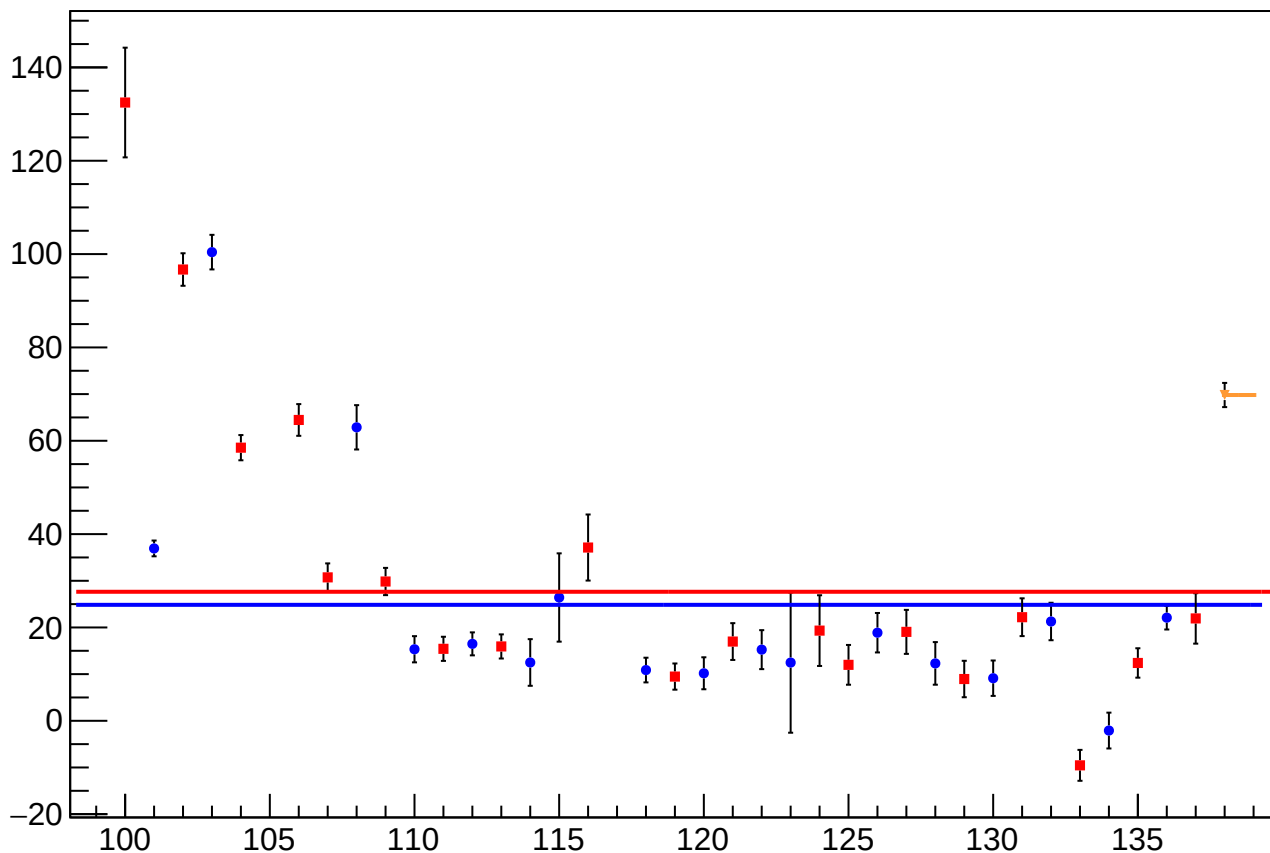
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -111.486+/-2.604 χ^2/NDF : 0.0/0

All: -111.486+/-2.604 χ^2/NDF : 0.0/0

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: 69.806 $\pm$ 2.593 χ^2 /NDF:0.0/0

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

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

Left: 69.806 $\pm$ 2.593 χ^2 /NDF: 0.0/0

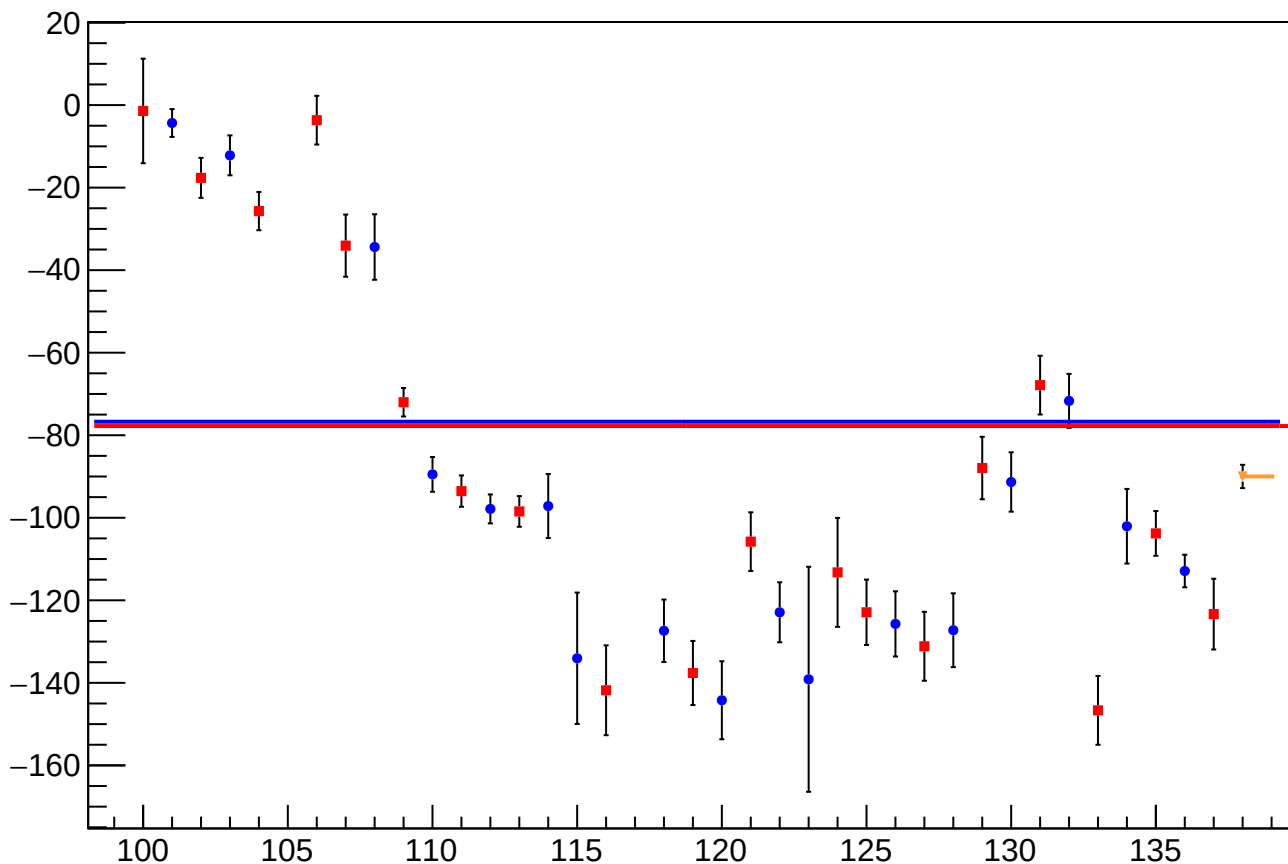
Right: 26.231 $\pm$ 0.570 χ^2 /NDF: 1706.0/35

In: 24.848 $\pm$ 0.801 χ^2 /NDF:690.8/16

Out: 31.400 $\pm$ 0.773 χ^2 /NDF:1250.0/19

All: 28.237 $\pm$ 0.556 χ^2 /NDF: 1975.5/36

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF : 1042.0/16

Left Out: -89.988+/-2.823 χ^2/NDF : 0.0/0

Right Out: -77.773+/-1.352 χ^2/NDF : 871.8/18

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

Left: -89.988+/-2.823 χ^2/NDF : 0.0/0

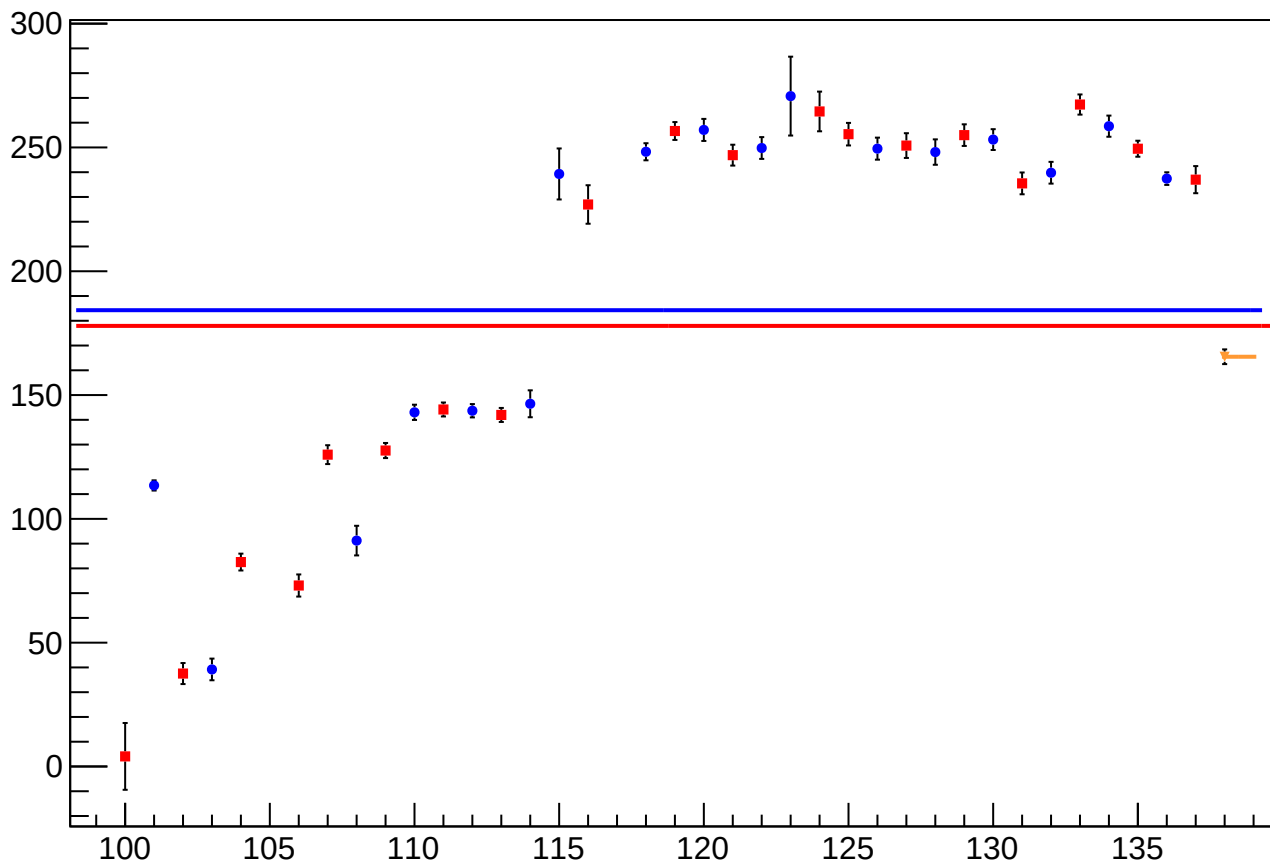
Right: -77.273+/-0.977 χ^2/NDF : 1914.1/35

In: -76.728+/-1.412 χ^2/NDF : 1042.0/16

Out: -80.053+/-1.220 χ^2/NDF : 887.0/19

All: -78.632+/-0.923 χ^2/NDF : 1932.2/36

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF : 5401.0/16

Left Out: 165.473+/-2.973 χ^2/NDF :0.0/0

Right Out: 177.930+/-0.924 χ^2/NDF : 6330.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 165.473+/-2.973 χ^2/NDF : 0.0/0

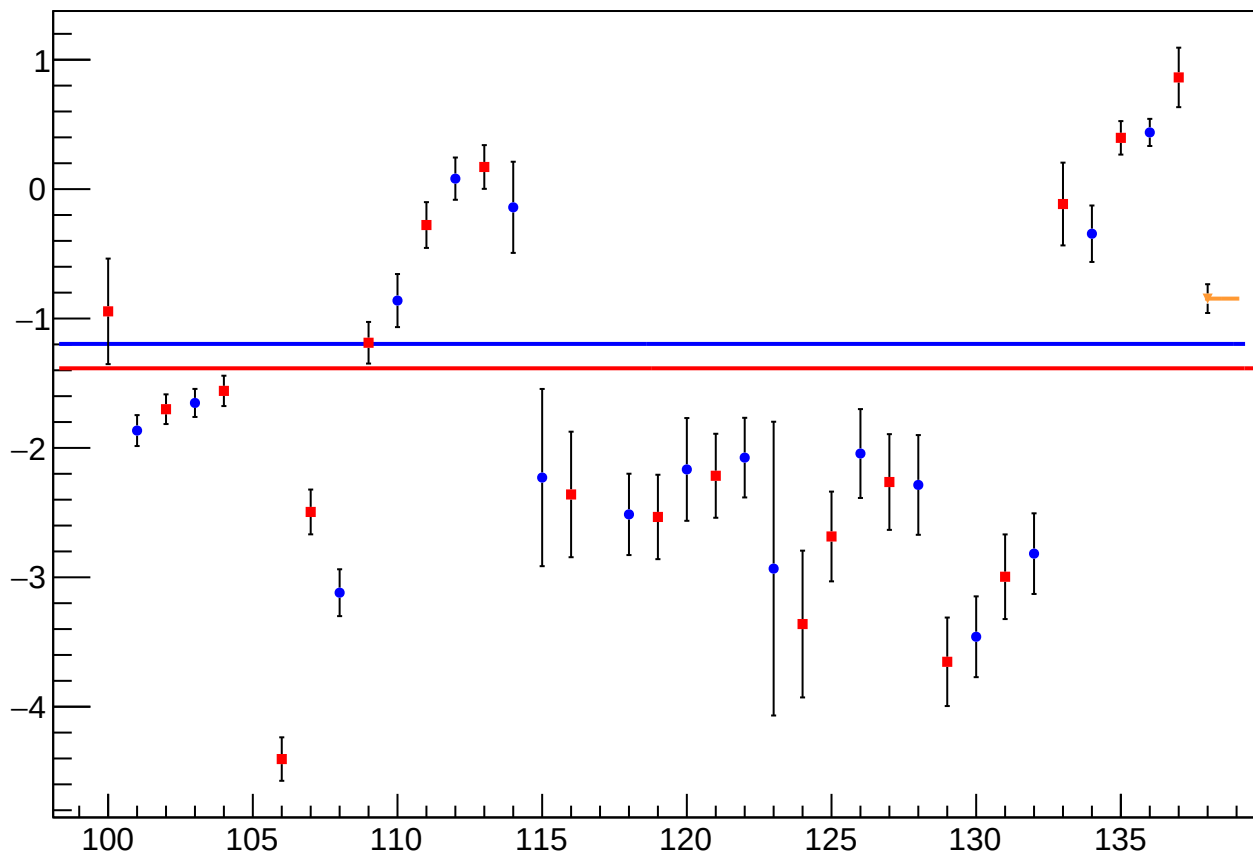
Right: 181.136+/-0.650 χ^2/NDF : 11755.7/35

In: 184.271+/-0.914 χ^2/NDF :5401.0/16

Out: 176.833+/-0.882 χ^2/NDF :6347.0/19

All: 180.422+/-0.635 χ^2/NDF : 11782.2/36

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.846 ± 0.111 χ^2/NDF : 0.0/0

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

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

Left: -0.846 ± 0.111 χ^2/NDF : 0.0/0

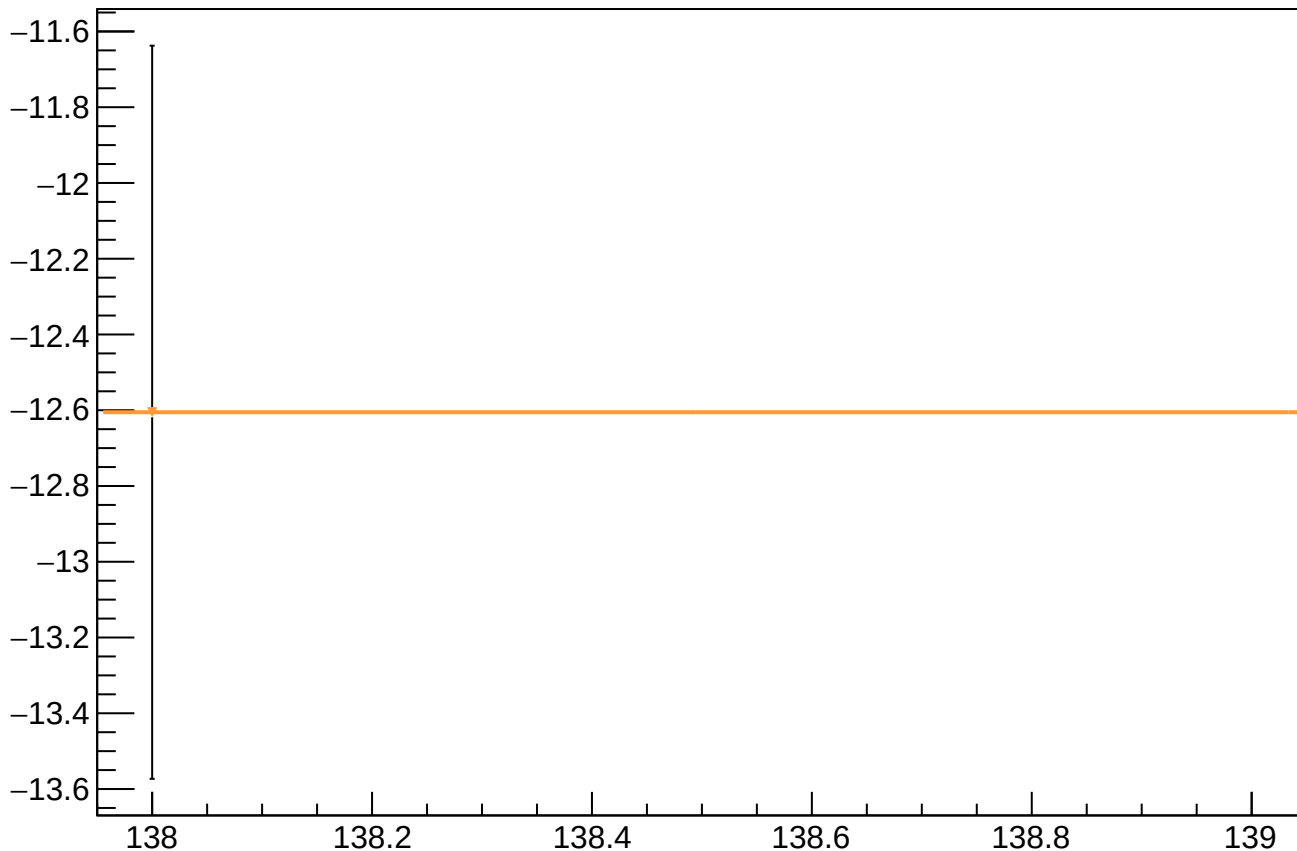
Right: -1.295 ± 0.033 χ^2/NDF : 1555.6/35

In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Out: -1.307 ± 0.042 χ^2/NDF : 944.5/19

All: -1.258 ± 0.032 χ^2/NDF : 1570.5/36

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.605+/-0.968 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: -12.605+/-0.968 χ^2/NDF : 0.0/0

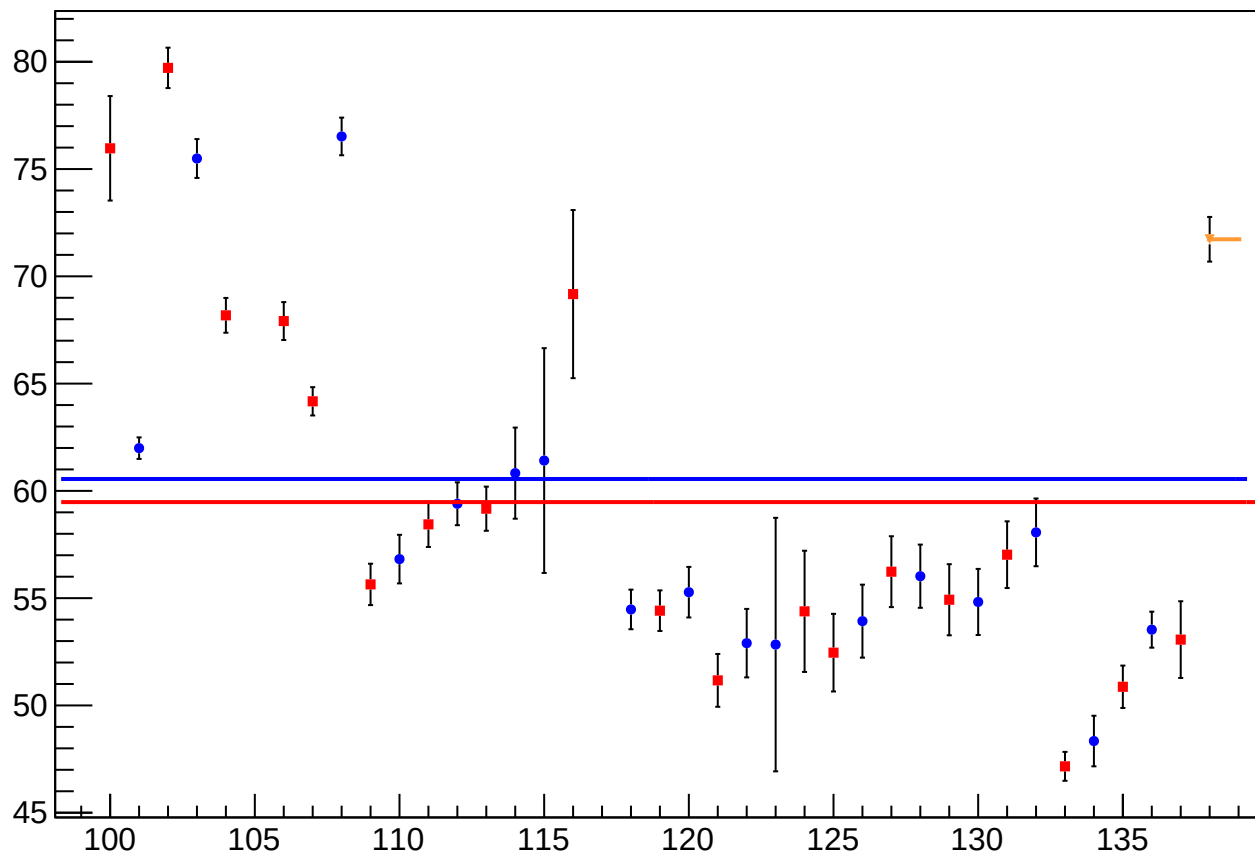
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -12.605+/-0.968 χ^2/NDF : 0.0/0

All: -12.605+/-0.968 χ^2/NDF : 0.0/0

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: 71.727 $\pm$ 1.041 χ^2 /NDF:0.0/0

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

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

Left: 71.727 $\pm$ 1.041 χ^2 /NDF: 0.0/0

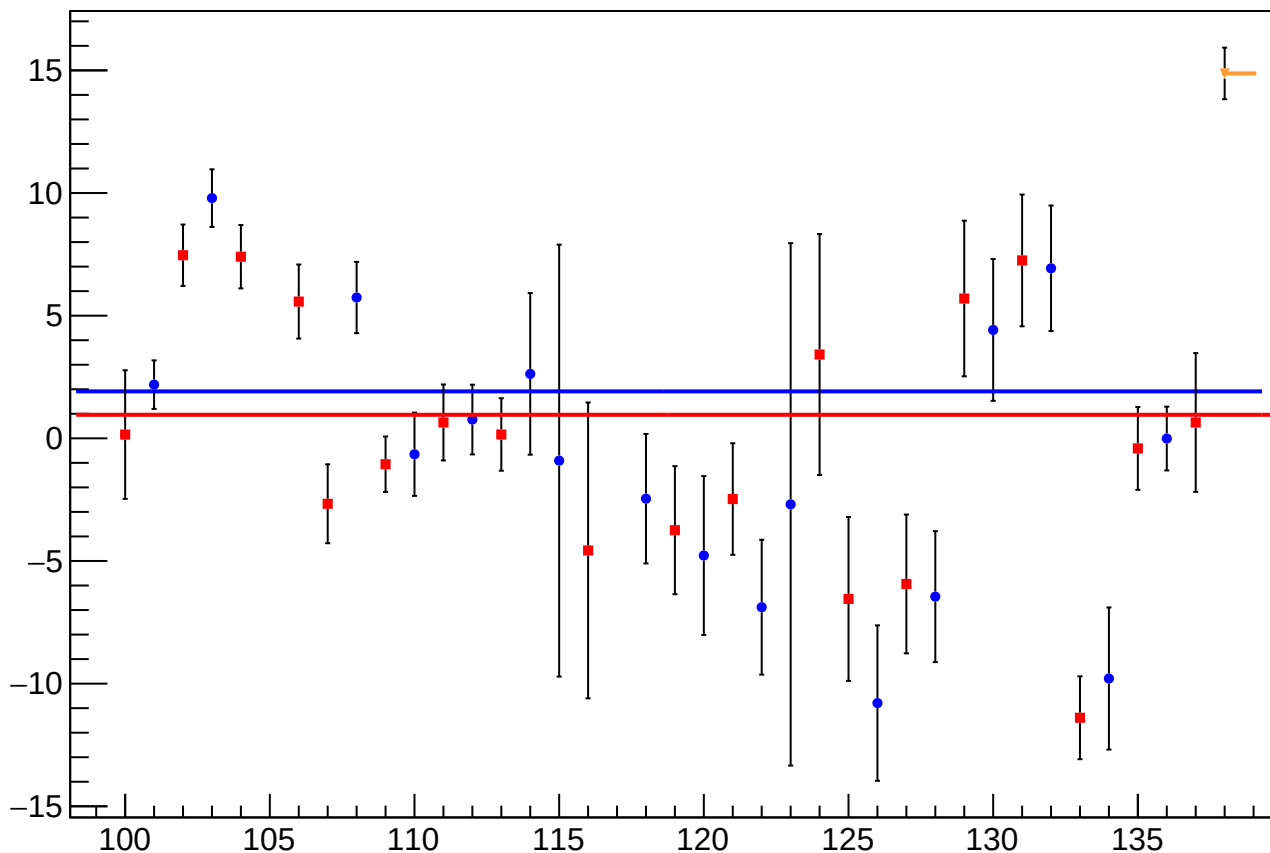
Right: 59.987 $\pm$ 0.180 χ^2 /NDF: 2256.7/35

In: 60.554 $\pm$ 0.262 χ^2 /NDF:930.8/16

Out: 60.134 $\pm$ 0.241 χ^2 /NDF:1447.9/19

All: 60.327 $\pm$ 0.177 χ^2 /NDF: 2380.1/36

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: 14.876 $\pm$ 1.050 χ^2 /NDF:0.0/0

Right Out: 0.960 $\pm$ 0.424 χ^2 /NDF: 149.5/18

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

Left: 14.876 $\pm$ 1.050 χ^2 /NDF: 0.0/0

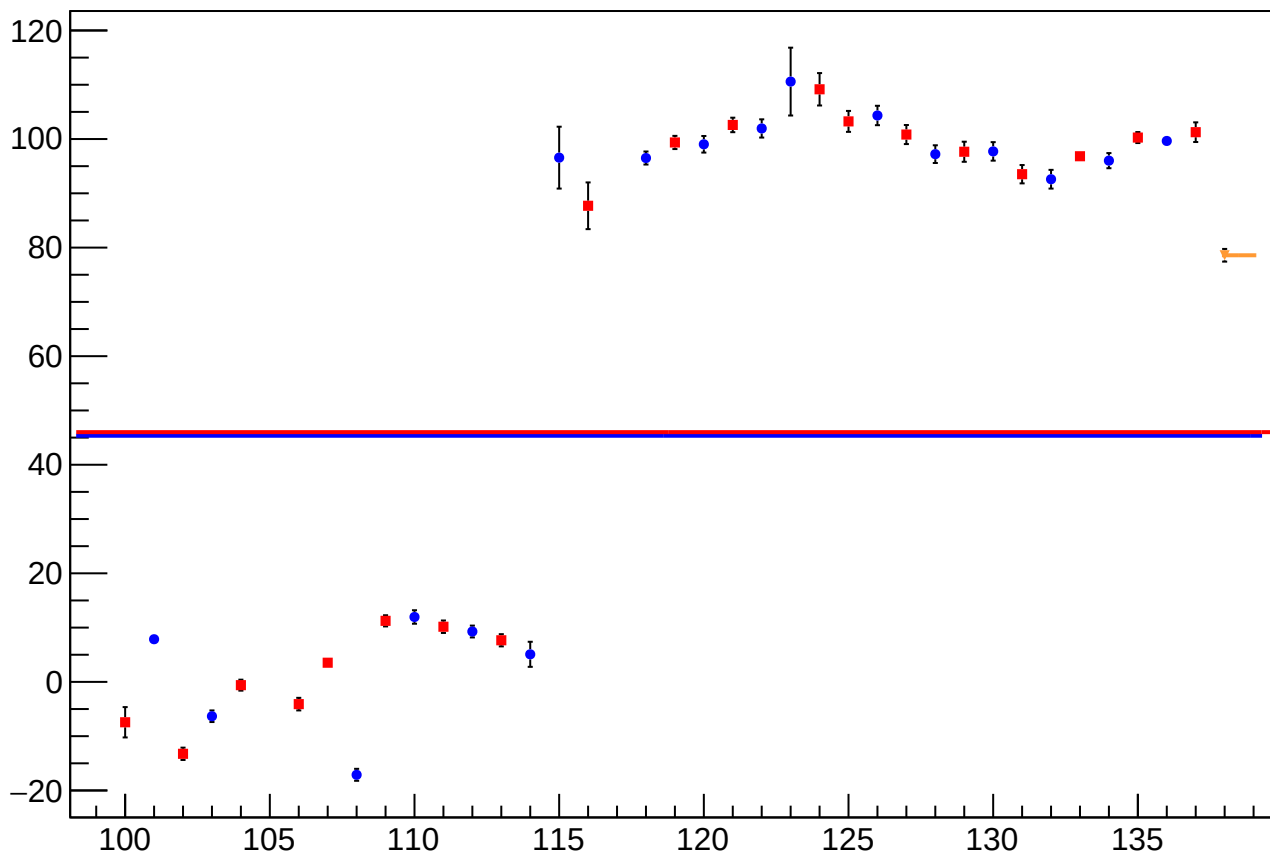
Right: 1.401 $\pm$ 0.311 χ^2 /NDF: 273.4/35

In: 1.914 $\pm$ 0.458 χ^2 /NDF:121.6/16

Out: 2.914 $\pm$ 0.393 χ^2 /NDF:300.5/19

All: 2.489 $\pm$ 0.298 χ^2 /NDF: 424.8/36

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF : 25071.0/16

Left Out: 78.587+/-1.169 χ^2/NDF :0.0/0

Right Out: 46.007+/-0.289 χ^2/NDF : 28219.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 78.587+/-1.169 χ^2/NDF : 0.0/0

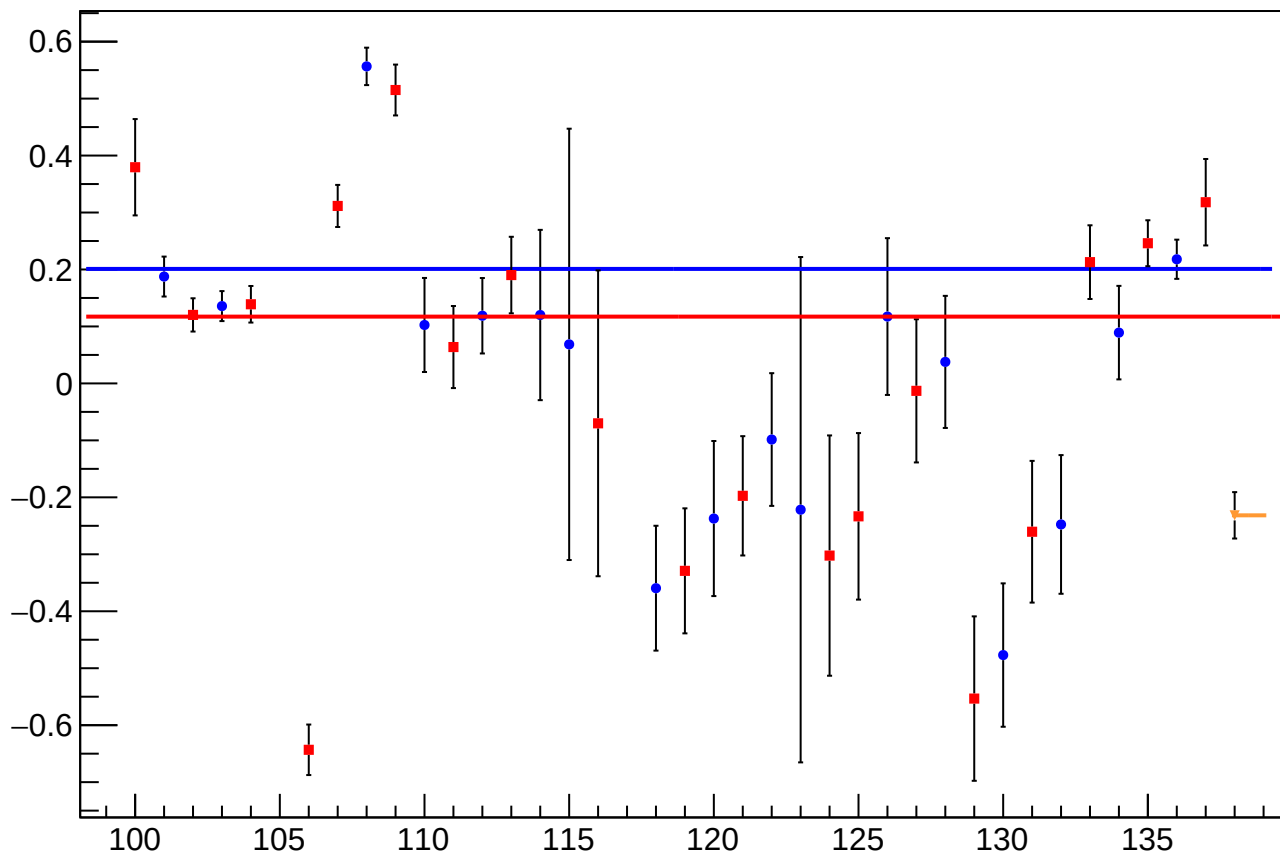
Right: 45.691+/-0.209 χ^2/NDF : 53293.4/35

In: 45.344+/-0.303 χ^2/NDF :25071.0/16

Out: 47.890+/-0.281 χ^2/NDF :28952.1/19

All: 46.714+/-0.206 χ^2/NDF : 54061.1/36

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 $\pm$ 0.014 χ^2 /NDF: 217.8/16

Left Out: -0.232 $\pm$ 0.041 χ^2 /NDF:0.0/0

Right Out: 0.117 $\pm$ 0.013 χ^2 /NDF: 500.1/18

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

Left: -0.232 $\pm$ 0.041 χ^2 /NDF: 0.0/0

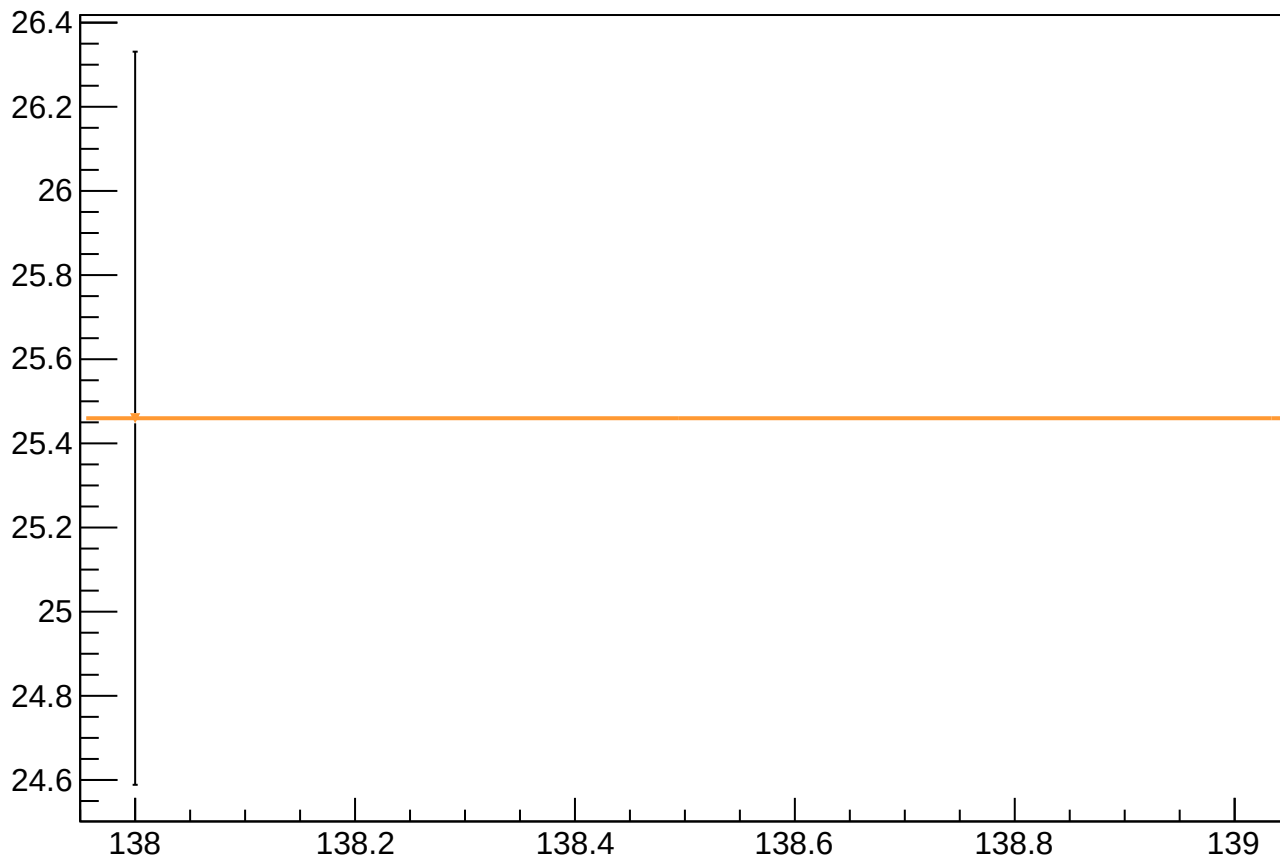
Right: 0.156 $\pm$ 0.010 χ^2 /NDF: 737.1/35

In: 0.201 $\pm$ 0.014 χ^2 /NDF:217.8/16

Out: 0.085 $\pm$ 0.012 χ^2 /NDF:566.7/19

All: 0.136 $\pm$ 0.009 χ^2 /NDF: 822.9/36

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 25.460+/-0.871 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: 25.460+/-0.871 χ^2/NDF : 0.0/0

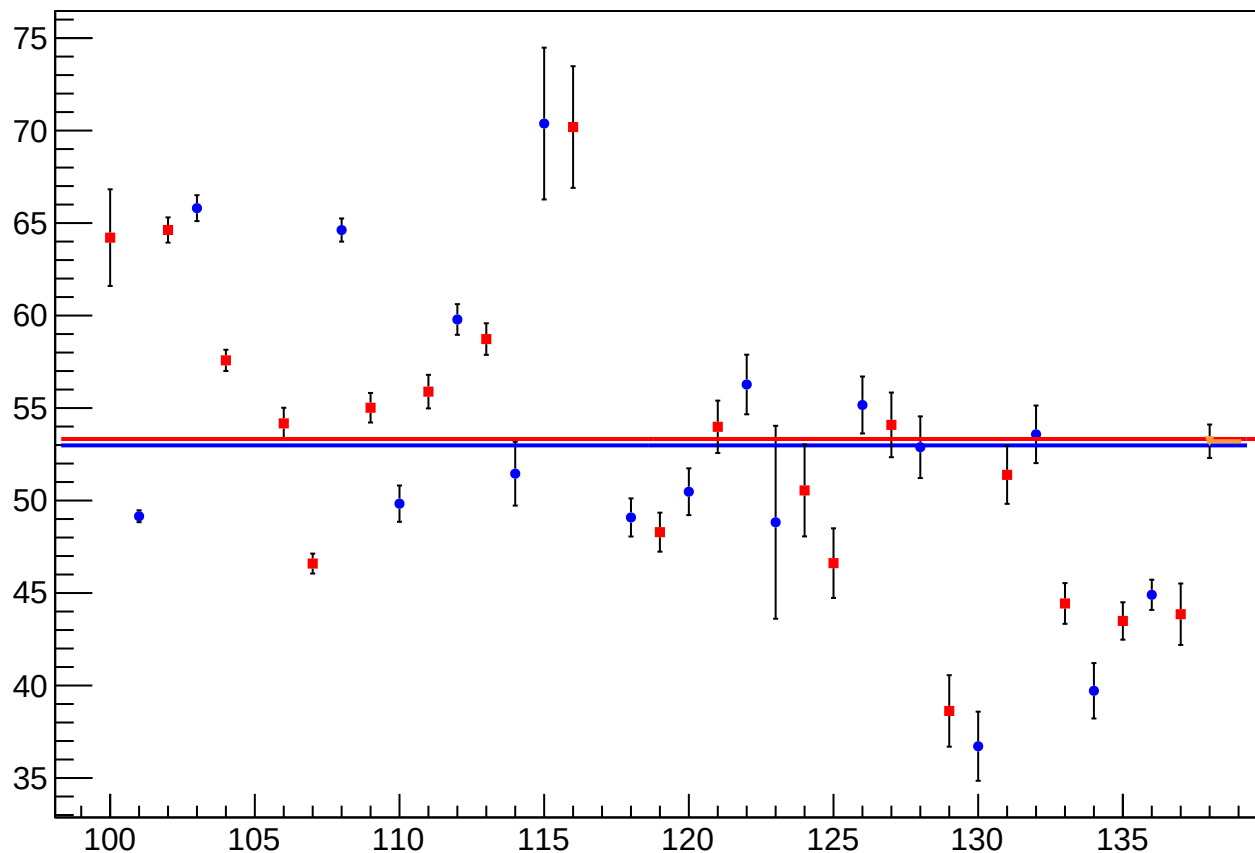
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 25.460+/-0.871 χ^2/NDF : 0.0/0

All: 25.460+/-0.871 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF : 1197.8/16

Left Out: 53.206+/-0.903 χ^2/NDF : 0.0/0

Right Out: 53.328+/-0.227 χ^2/NDF : 872.7/18

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

Left: 53.206+/-0.903 χ^2/NDF : 0.0/0

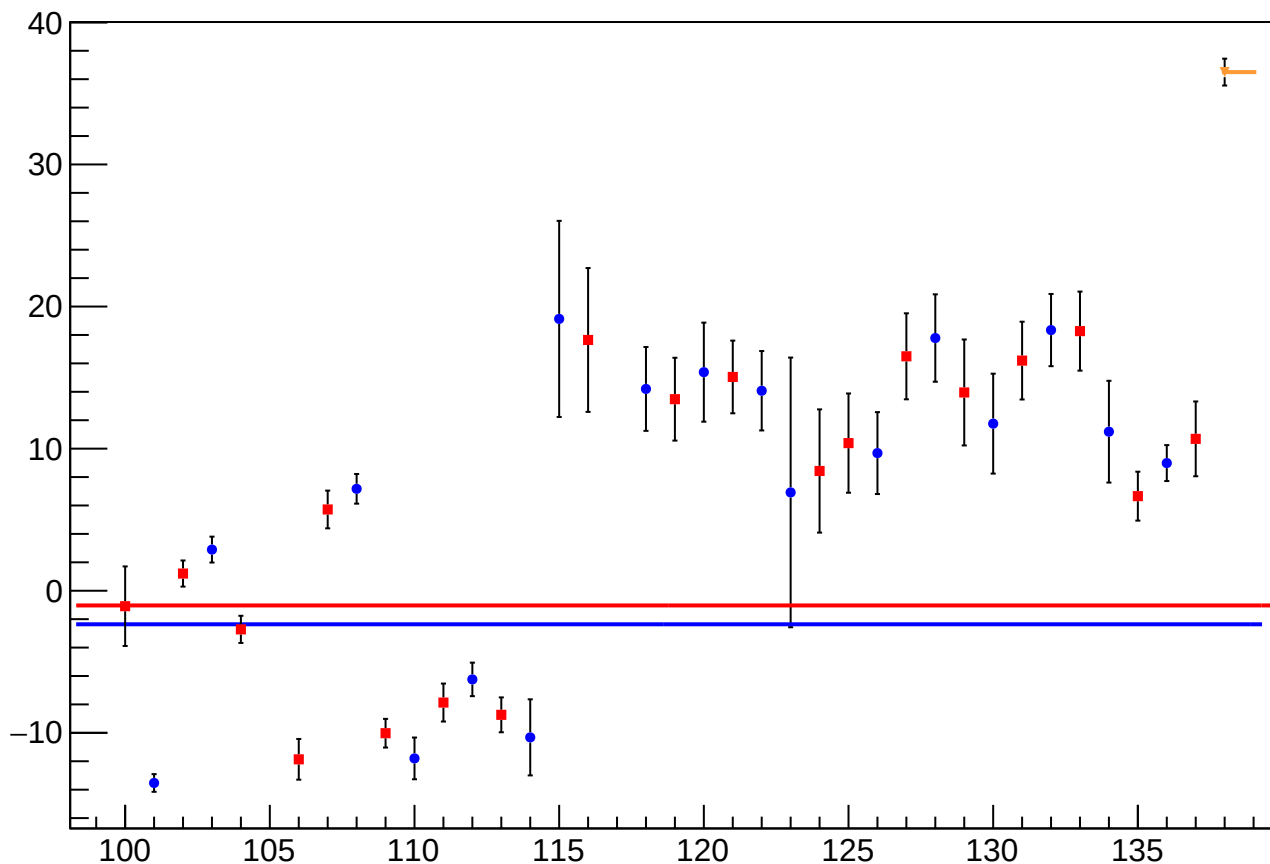
Right: 53.141+/-0.154 χ^2/NDF : 2071.7/35

In: 52.981+/-0.210 χ^2/NDF : 1197.8/16

Out: 53.320+/-0.220 χ^2/NDF : 872.7/19

All: 53.143+/-0.152 χ^2/NDF : 2071.7/36

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 36.499 ± 0.945 χ^2/NDF : 0.0/0

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

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

Left: 36.499 ± 0.945 χ^2/NDF : 0.0/0

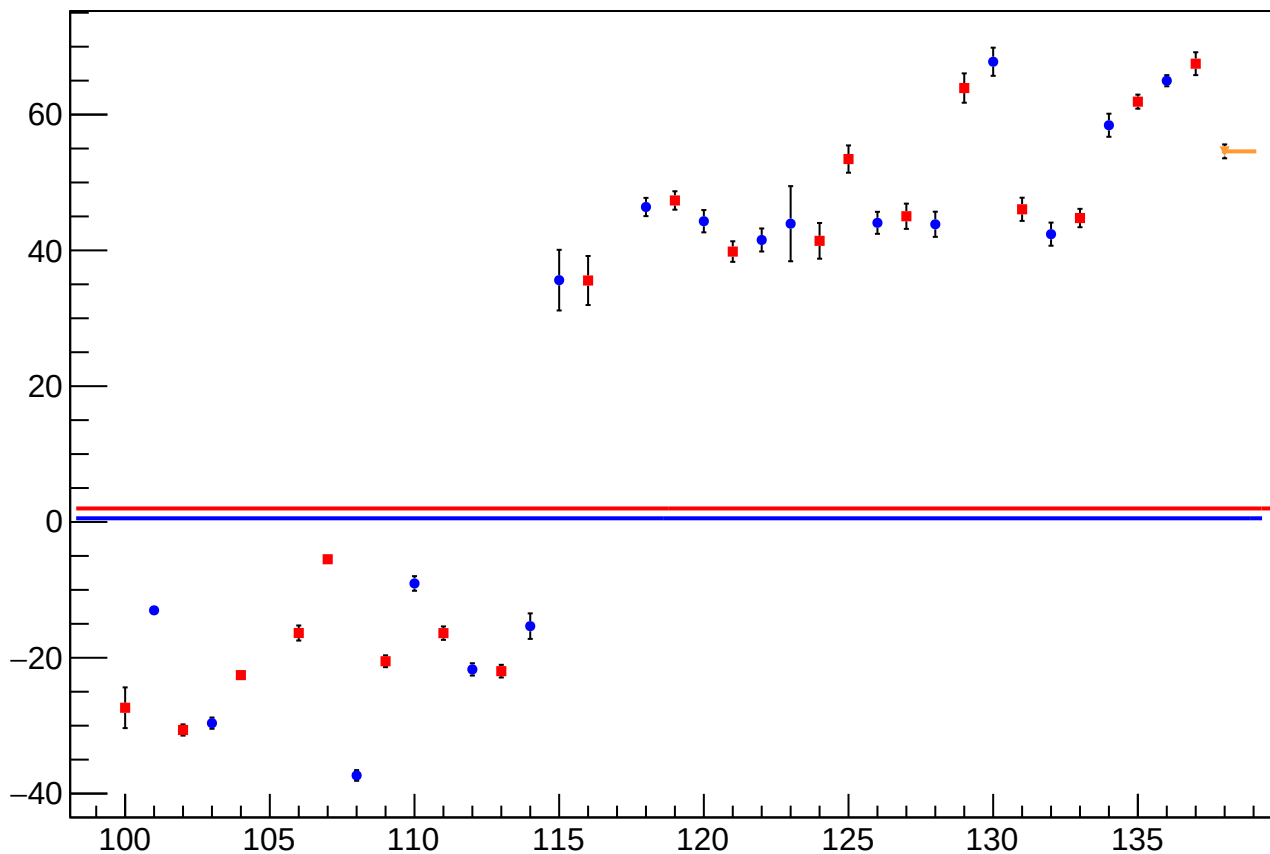
Right: -1.721 ± 0.262 χ^2/NDF : 1355.0/35

In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Out: 4.117 ± 0.350 χ^2/NDF : 1869.0/19

All: 1.003 ± 0.252 χ^2/NDF : 2874.4/36

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF : 18423.8/16

Left Out: 54.582+/-1.024 χ^2/NDF :0.0/0

Right Out: 1.990+/-0.267 χ^2/NDF : 15476.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 54.582+/-1.024 χ^2/NDF : 0.0/0

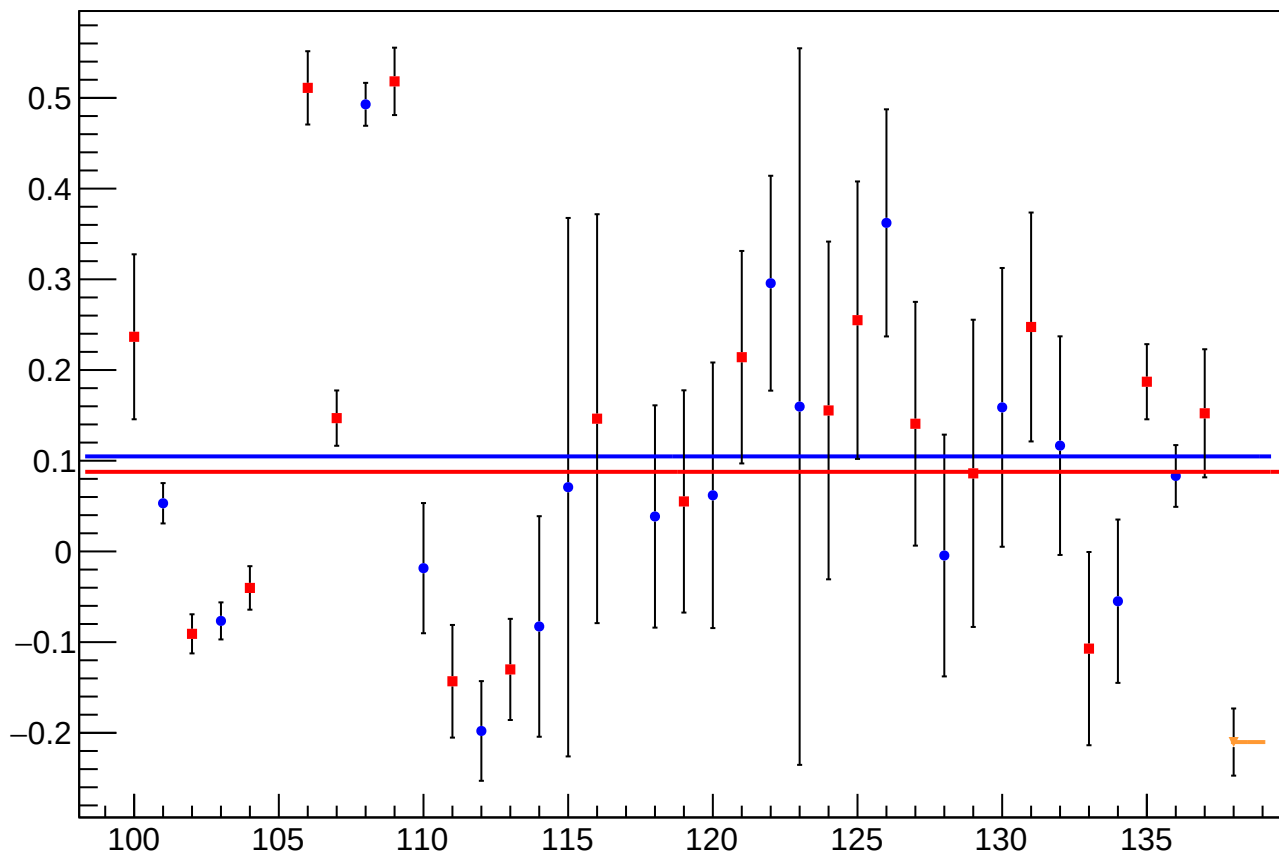
Right: 1.210+/-0.181 χ^2/NDF : 33916.4/35

In: 0.541+/-0.247 χ^2/NDF :18423.8/16

Out: 5.327+/-0.258 χ^2/NDF :17947.7/19

All: 2.828+/-0.178 χ^2/NDF : 36551.3/36

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: -0.210 $\pm$ 0.037 χ^2 /NDF:0.0/0

Right Out: 0.088 $\pm$ 0.011 χ^2 /NDF: 391.0/18

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

Left: -0.210 $\pm$ 0.037 χ^2 /NDF: 0.0/0

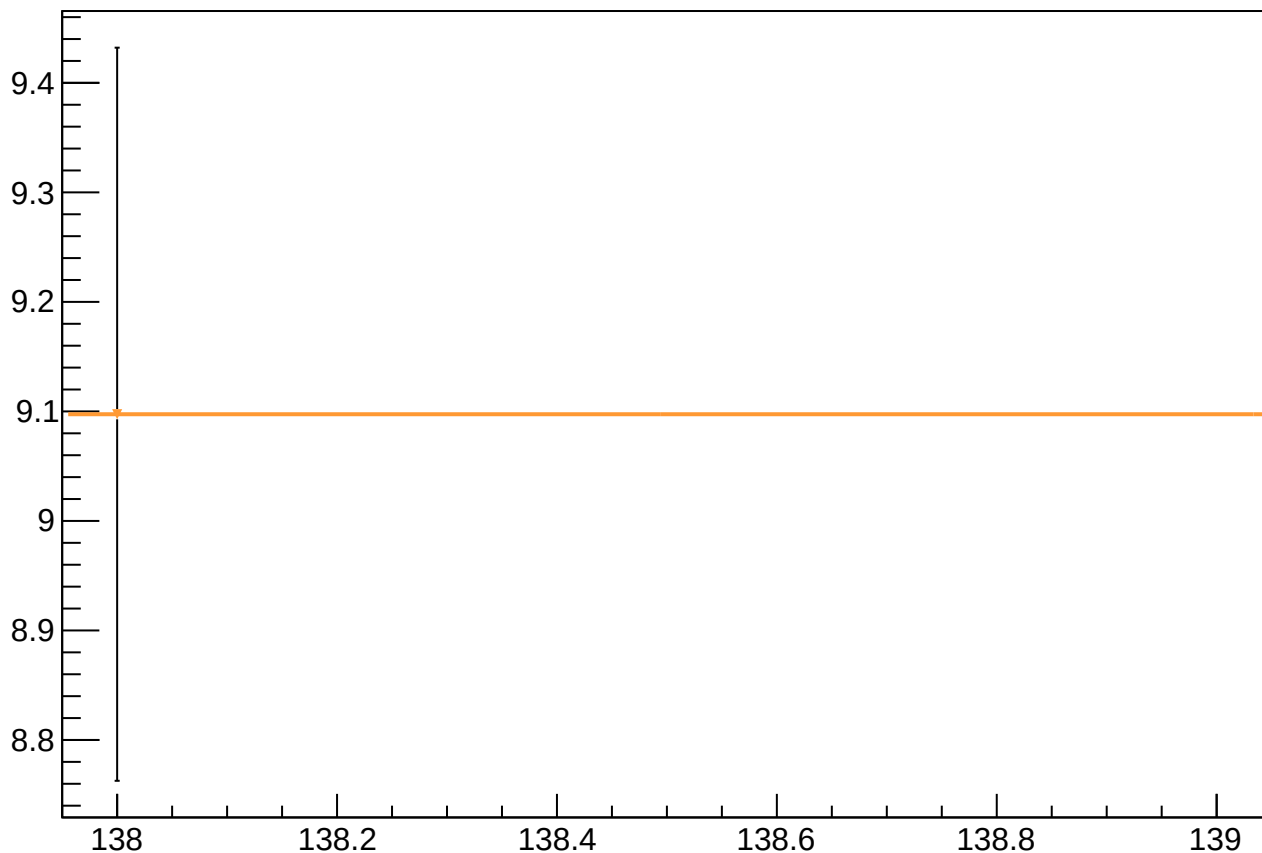
Right: 0.096 $\pm$ 0.008 χ^2 /NDF: 792.9/35

In: 0.105 $\pm$ 0.011 χ^2 /NDF:400.7/16

Out: 0.064 $\pm$ 0.011 χ^2 /NDF:450.5/19

All: 0.083 $\pm$ 0.008 χ^2 /NDF: 858.5/36

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 9.097 $\pm$ 0.335 χ^2 /NDF:0.0/0

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

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

Left: 9.097 $\pm$ 0.335 χ^2 /NDF: 0.0/0

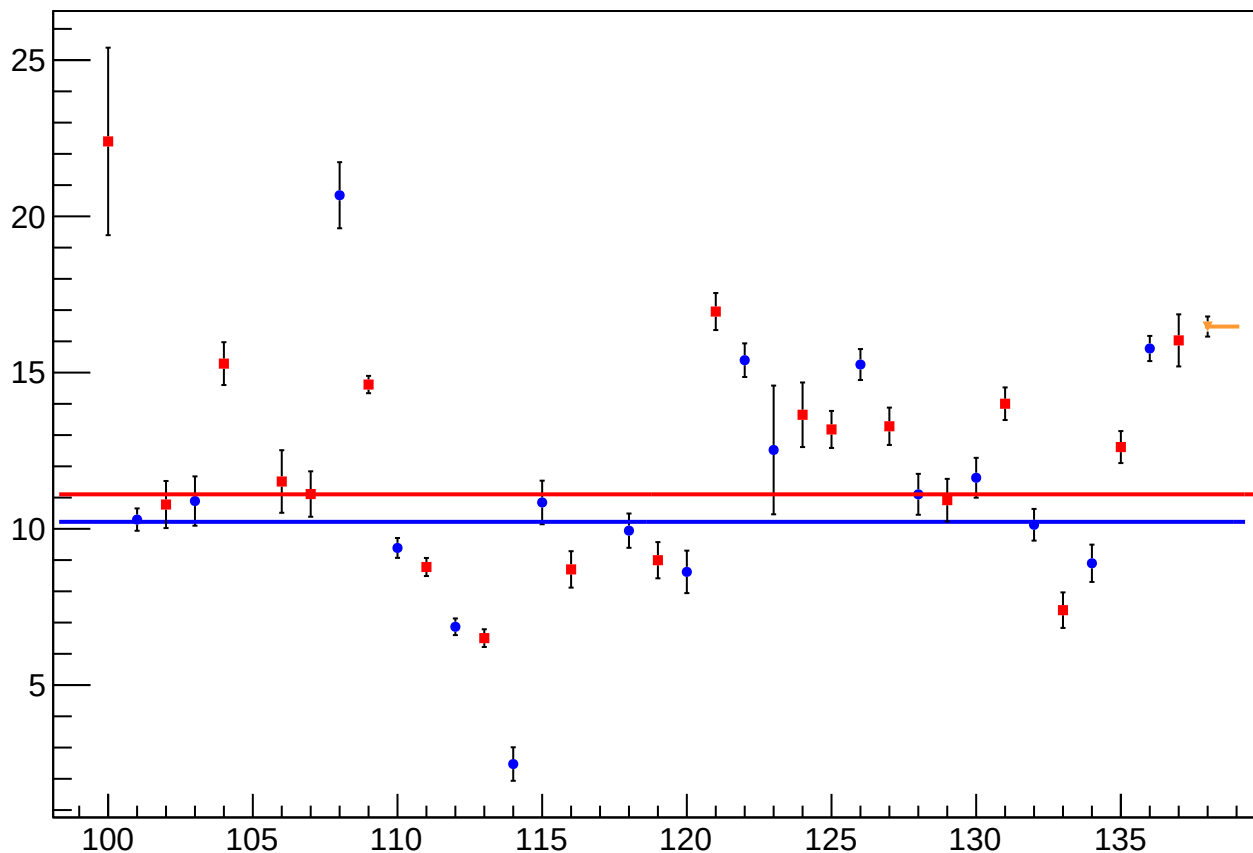
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 9.097 $\pm$ 0.335 χ^2 /NDF:0.0/0

All: 9.097 $\pm$ 0.335 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF : 877.6/16

Left Out: 16.474+/-0.322 χ^2/NDF : 0.0/0

Right Out: 11.104+/-0.116 χ^2/NDF : 817.2/18

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

Left: 16.474+/-0.322 χ^2/NDF : 0.0/0

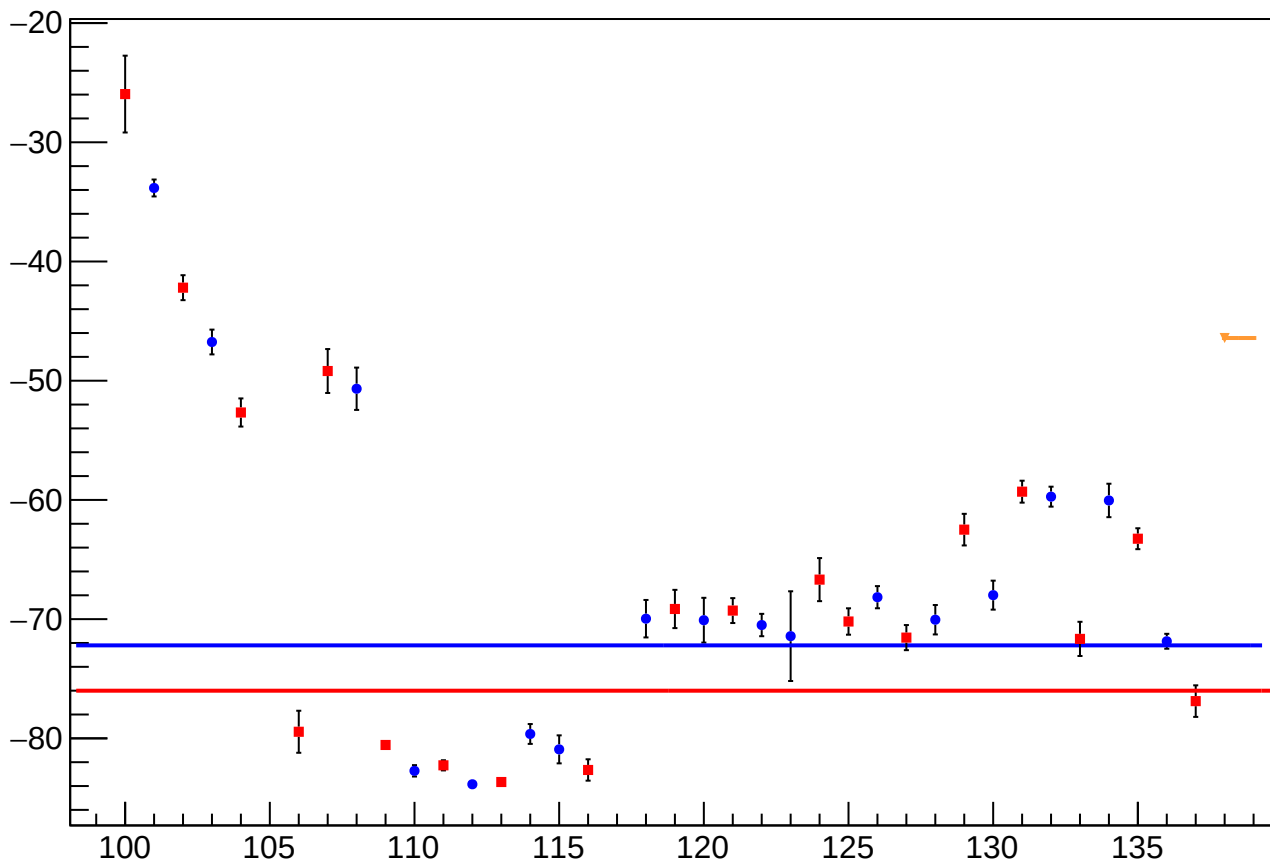
Right: 10.673+/-0.083 χ^2/NDF : 1722.7/35

In: 10.224+/-0.119 χ^2/NDF : 877.6/16

Out: 11.726+/-0.109 χ^2/NDF : 1063.8/19

All: 11.037+/-0.081 χ^2/NDF : 2027.8/36

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -46.418 ± 0.363 χ^2/NDF : 0.0/0

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

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

Left: -46.418 ± 0.363 χ^2/NDF : 0.0/0

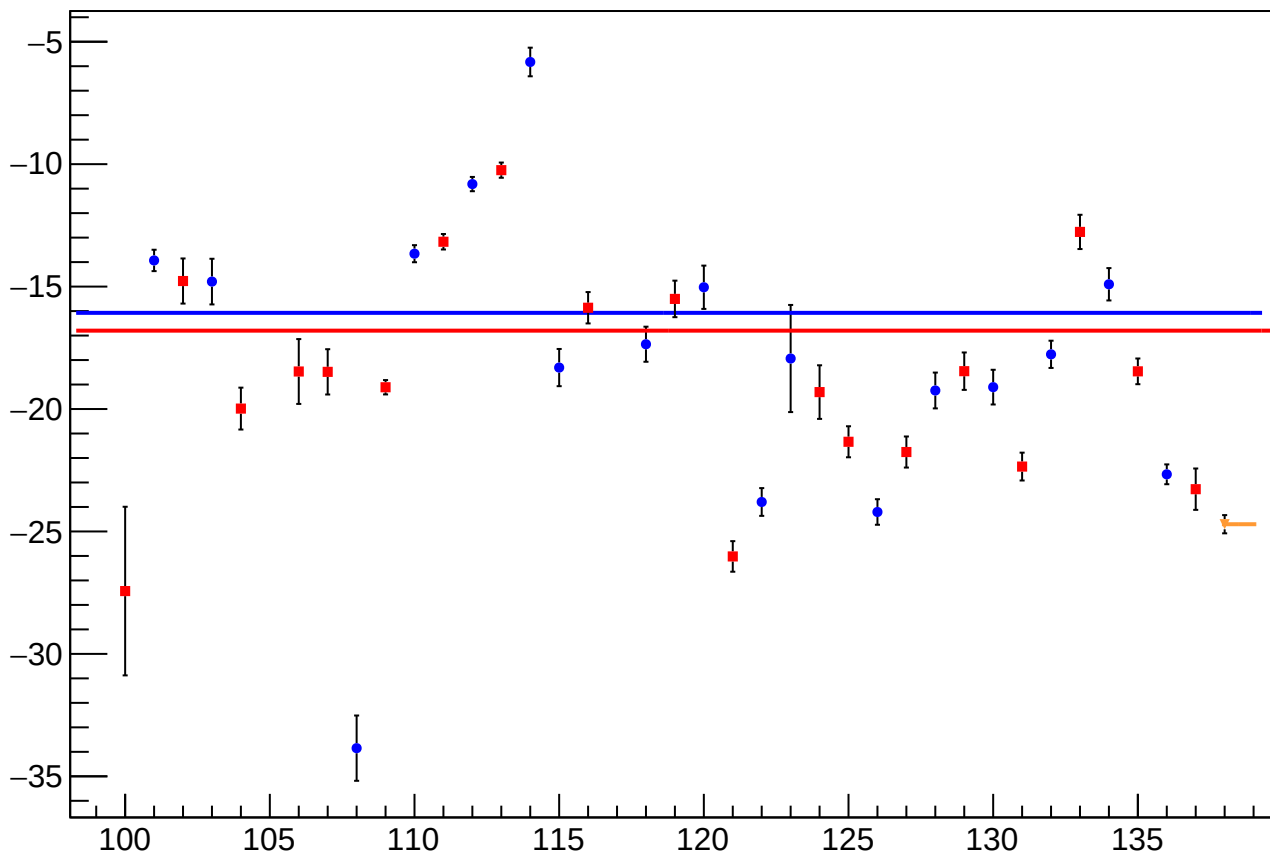
Right: -74.270 ± 0.133 χ^2/NDF : 9233.6/35

In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Out: -70.109 ± 0.162 χ^2/NDF : 8791.6/19

All: -70.949 ± 0.125 χ^2/NDF : 14425.5/36

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: -24.704 $\pm$ 0.372 χ^2 /NDF:0.0/0

Right Out: -16.799 $\pm$ 0.128 χ^2 /NDF: 1215.8/18

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

Left: -24.704 $\pm$ 0.372 χ^2 /NDF: 0.0/0

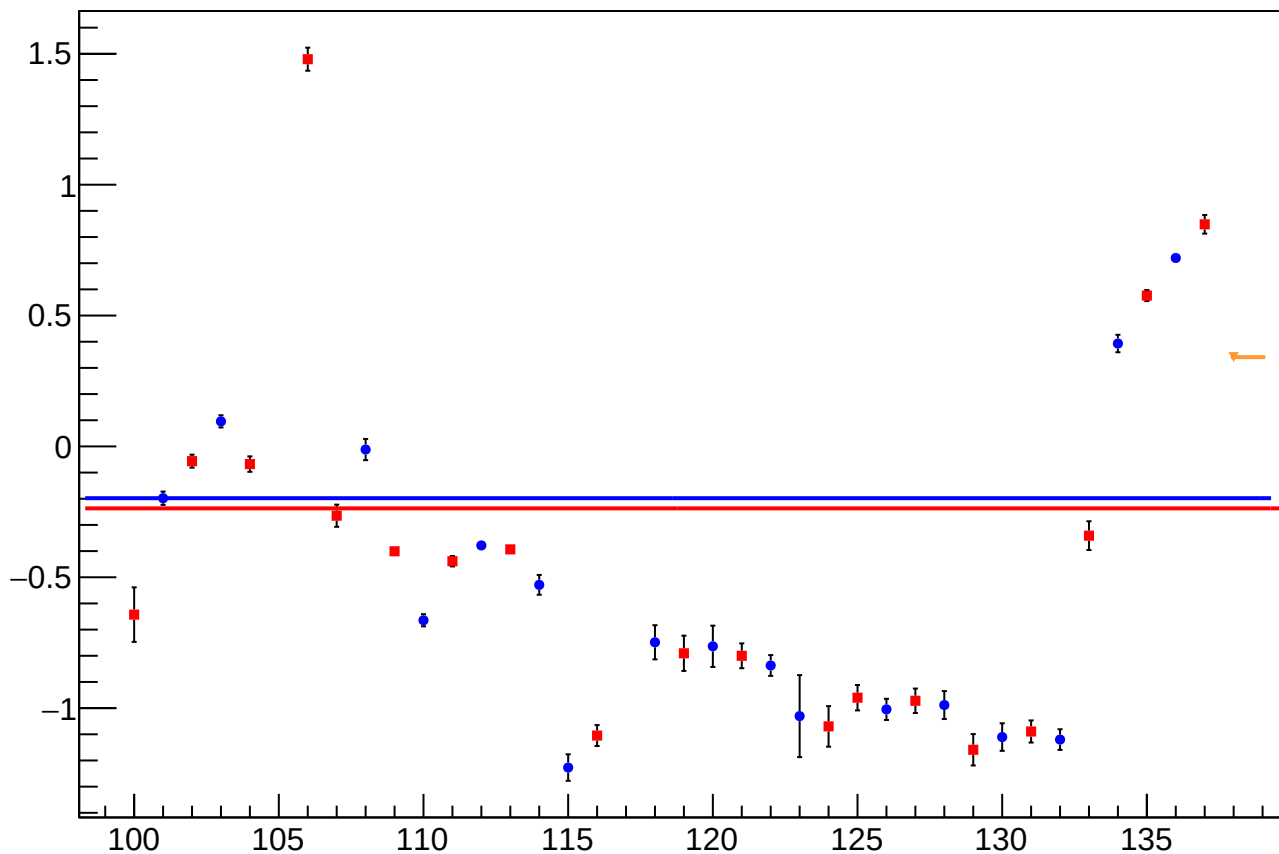
Right: -16.447 $\pm$ 0.092 χ^2 /NDF: 2872.2/35

In: -16.072 $\pm$ 0.132 χ^2 /NDF:1640.9/16

Out: -17.637 $\pm$ 0.121 χ^2 /NDF:1619.1/19

All: -16.922 $\pm$ 0.089 χ^2 /NDF: 3336.2/36

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.341 ± 0.014 χ^2/NDF : 0.0/0

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

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

Left: 0.341 ± 0.014 χ^2/NDF : 0.0/0

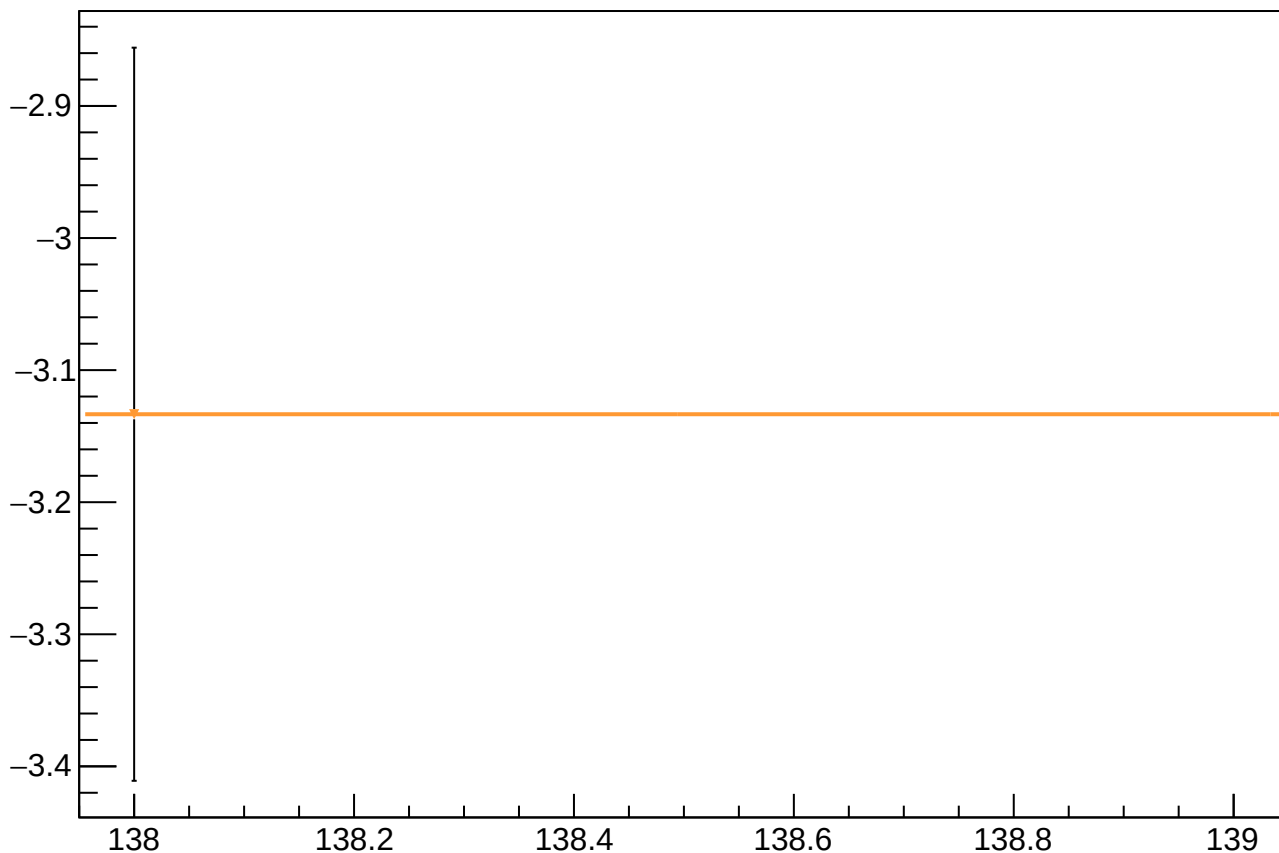
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Out: -0.123 ± 0.006 χ^2/NDF : 7505.6/19

All: -0.154 ± 0.005 χ^2/NDF : 13902.4/36

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -3.133+/-0.278 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: -3.133+/-0.278 χ^2/NDF : 0.0/0

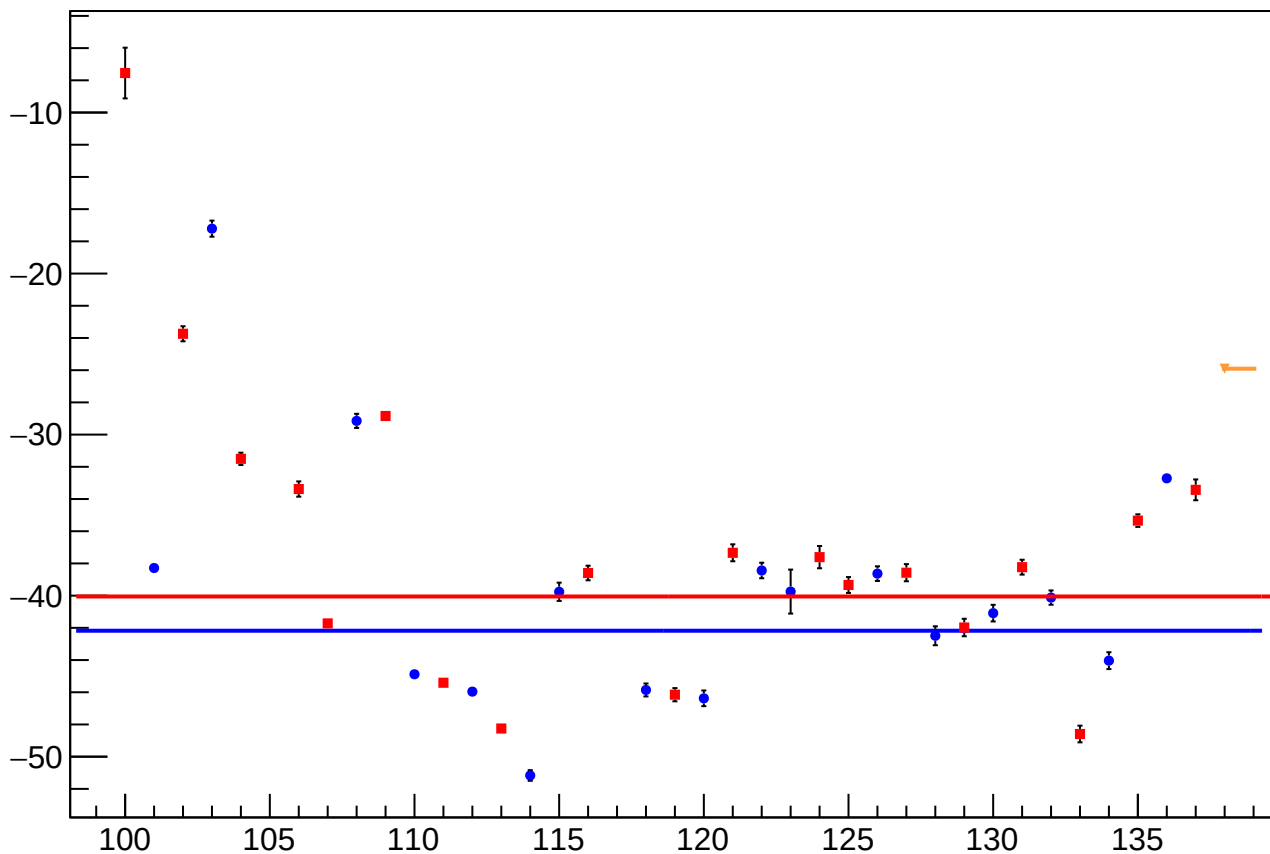
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -3.133+/-0.278 χ^2/NDF : 0.0/0

All: -3.133+/-0.278 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF : 6573.8/16

Left Out: -25.906+/-0.269 χ^2/NDF : 0.0/0

Right Out: -40.052+/-0.073 χ^2/NDF : 11313.5/18

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

Left: -25.906+/-0.269 χ^2/NDF : 0.0/0

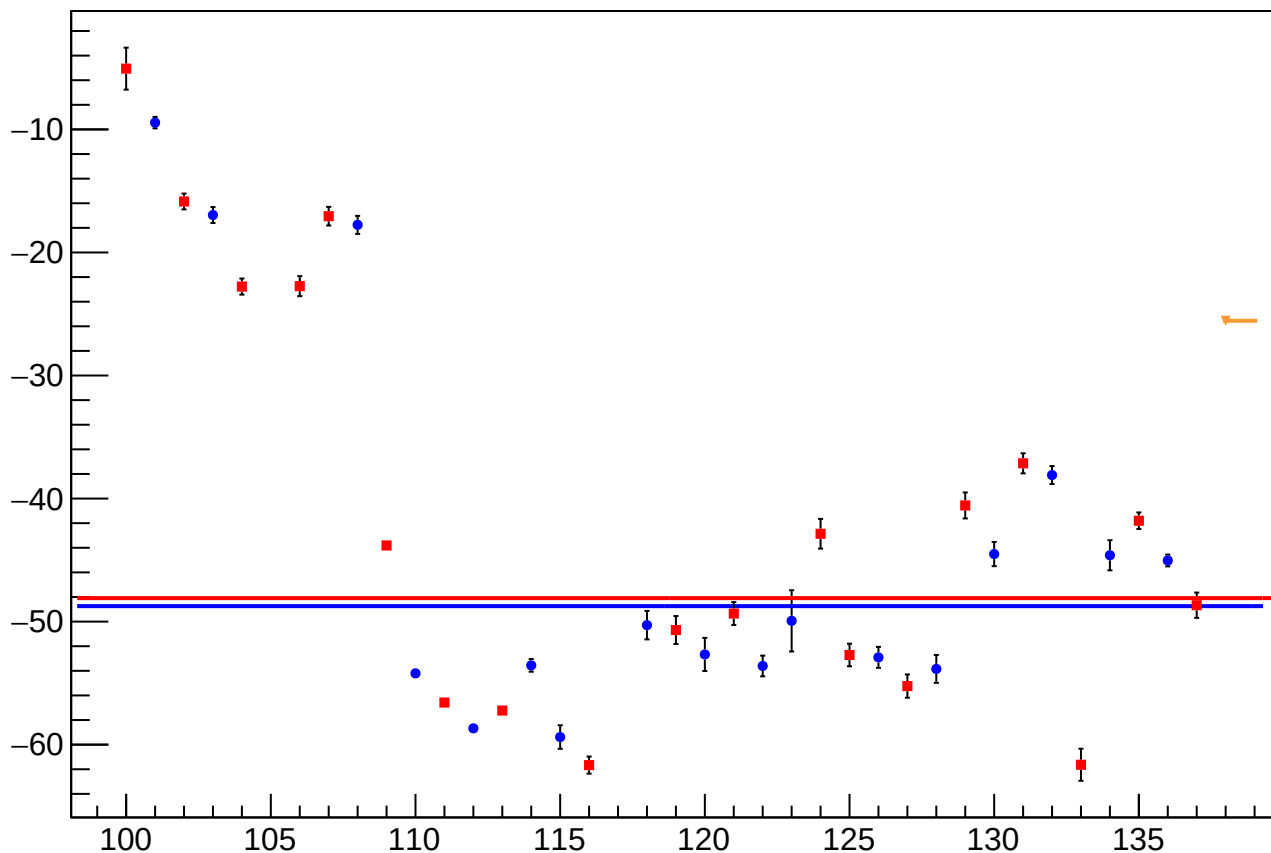
Right: -41.045+/-0.053 χ^2/NDF : 18285.9/35

In: -42.179+/-0.078 χ^2/NDF : 6573.8/16

Out: -39.089+/-0.070 χ^2/NDF : 13886.0/19

All: -40.478+/-0.052 χ^2/NDF : 21329.0/36

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -25.552 ± 0.301 χ^2/NDF : 0.0/0

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

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

Left: -25.552 ± 0.301 χ^2/NDF : 0.0/0

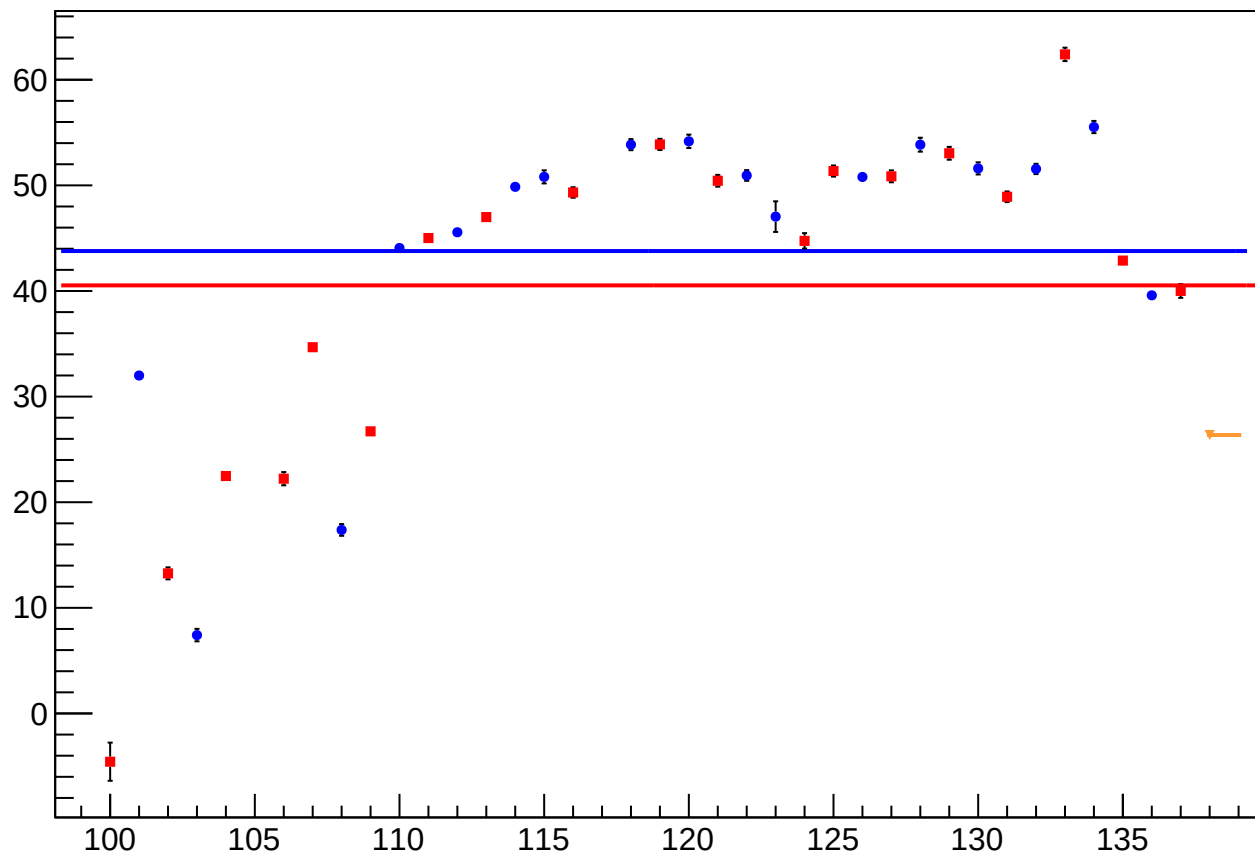
Right: -48.369 ± 0.081 χ^2/NDF : 26405.8/35

In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Out: -45.550 ± 0.101 χ^2/NDF : 16713.4/19

All: -46.818 ± 0.078 χ^2/NDF : 31768.9/36

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: 26.364 $\pm$ 0.311 χ^2 /NDF:0.0/0

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

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

Left: 26.364 $\pm$ 0.311 χ^2 /NDF: 0.0/0

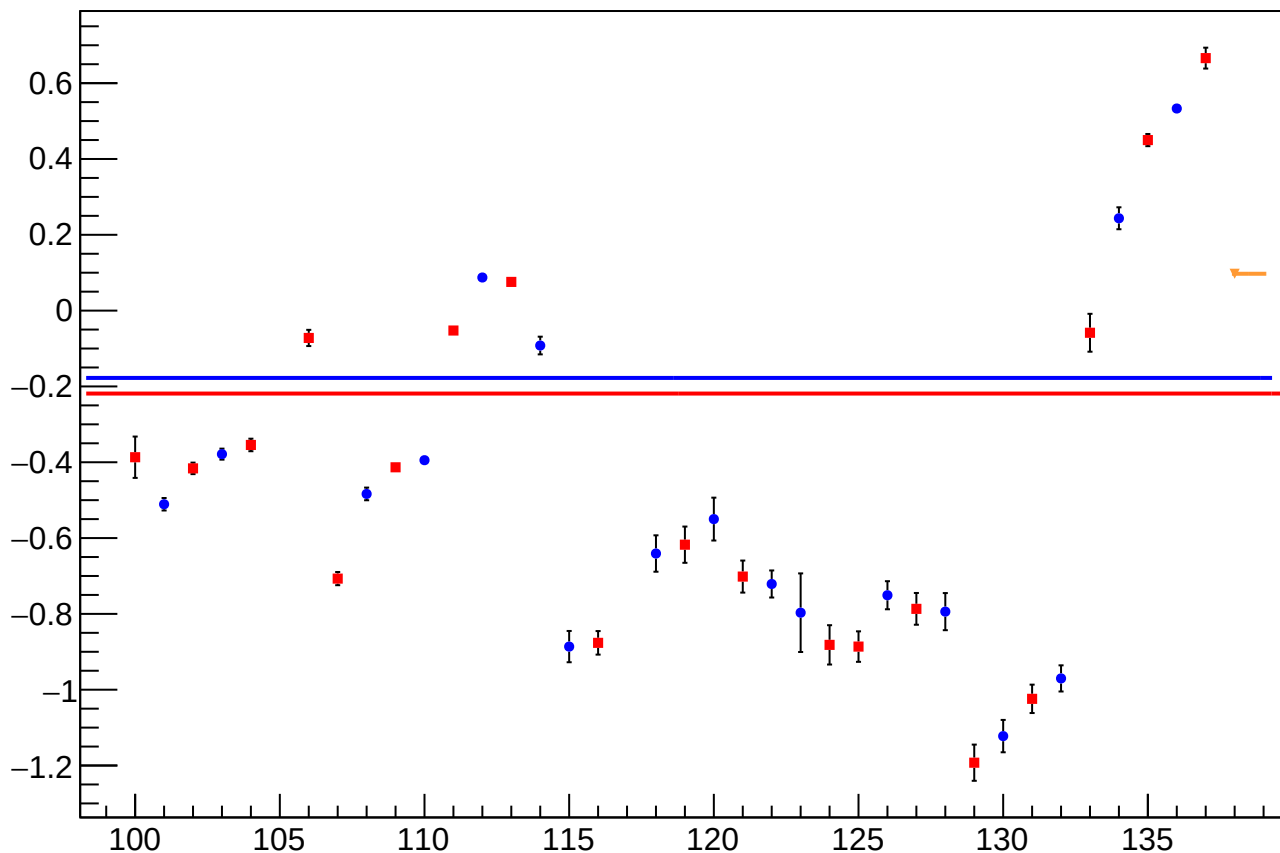
Right: 42.031 $\pm$ 0.059 χ^2 /NDF: 28978.3/35

In: 43.782 $\pm$ 0.087 χ^2 /NDF:10638.7/16

Out: 39.646 $\pm$ 0.078 χ^2 /NDF:19528.7/19

All: 41.489 $\pm$ 0.058 χ^2 /NDF: 31431.4/36

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.097 ± 0.012 χ^2/NDF : 0.0/0

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

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

Left: 0.097 ± 0.012 χ^2/NDF : 0.0/0

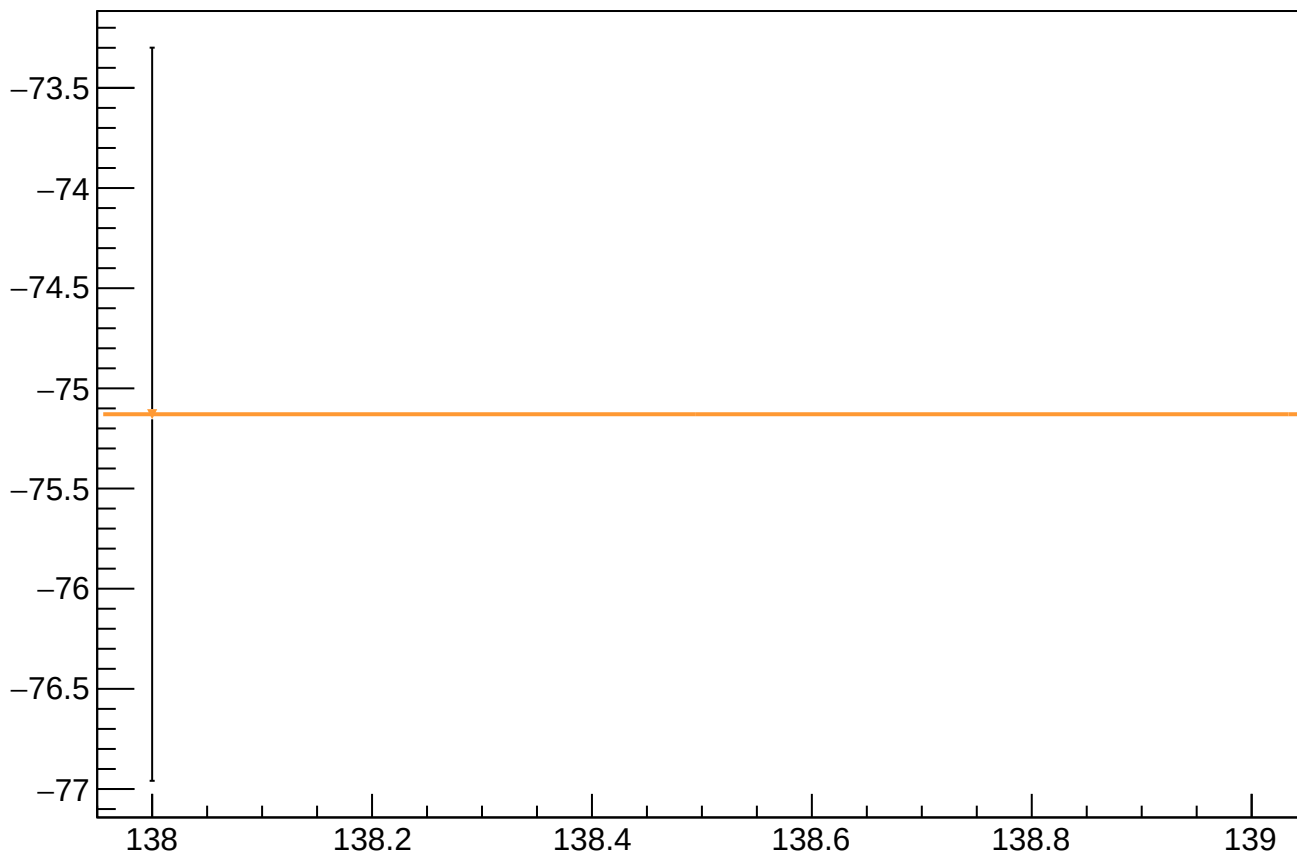
Right: -0.201 ± 0.003 χ^2/NDF : 14886.5/35

In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Out: -0.183 ± 0.004 χ^2/NDF : 8089.4/19

All: -0.180 ± 0.003 χ^2/NDF : 15465.9/36

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -75.129+/-1.830 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: -75.129+/-1.830 χ^2/NDF : 0.0/0

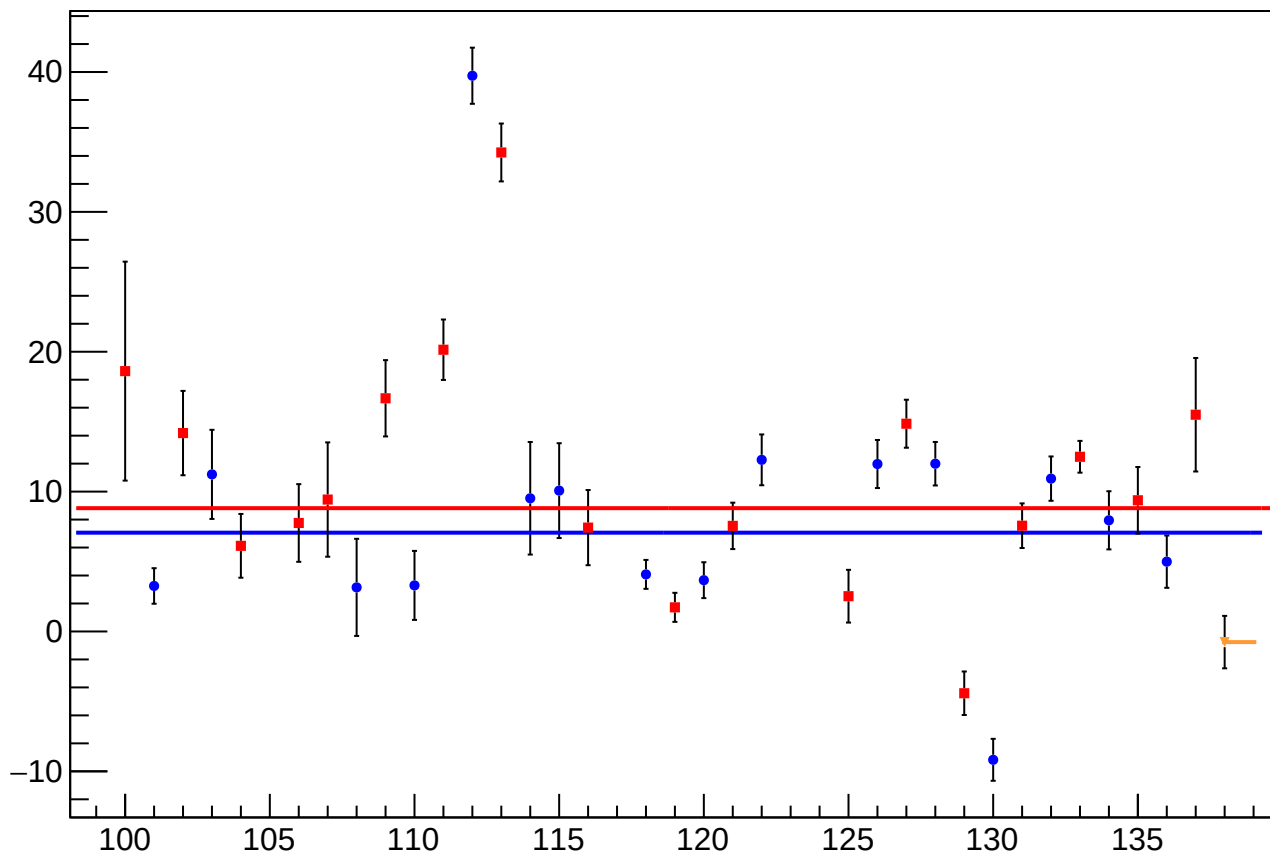
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -75.129+/-1.830 χ^2/NDF : 0.0/0

All: -75.129+/-1.830 χ^2/NDF : 0.0/0

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: -0.761 $\pm$ 1.875 χ^2 /NDF:0.0/0

Right Out: 8.816 $\pm$ 0.449 χ^2 /NDF: 350.4/17

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

Left: -0.761 $\pm$ 1.875 χ^2 /NDF: 0.0/0

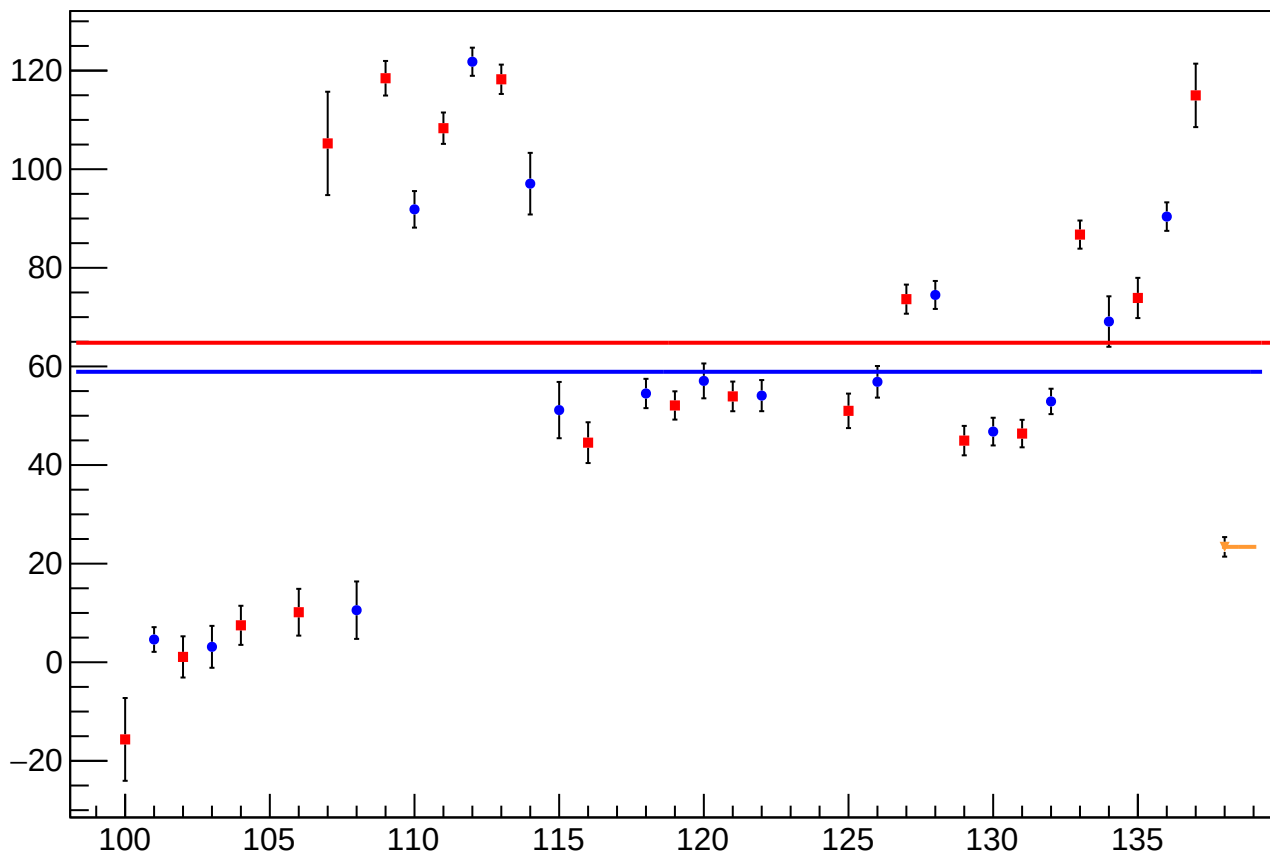
Right: 7.909 $\pm$ 0.312 χ^2 /NDF: 805.1/33

In: 7.063 $\pm$ 0.434 χ^2 /NDF:446.9/15

Out: 8.296 $\pm$ 0.437 χ^2 /NDF:375.1/18

All: 7.675 $\pm$ 0.308 χ^2 /NDF: 825.9/34

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF : 1496.7/15

Left Out: 23.404+/-1.984 χ^2/NDF :0.0/0

Right Out: 64.803+/-0.840 χ^2/NDF : 1718.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 23.404+/-1.984 χ^2/NDF : 0.0/0

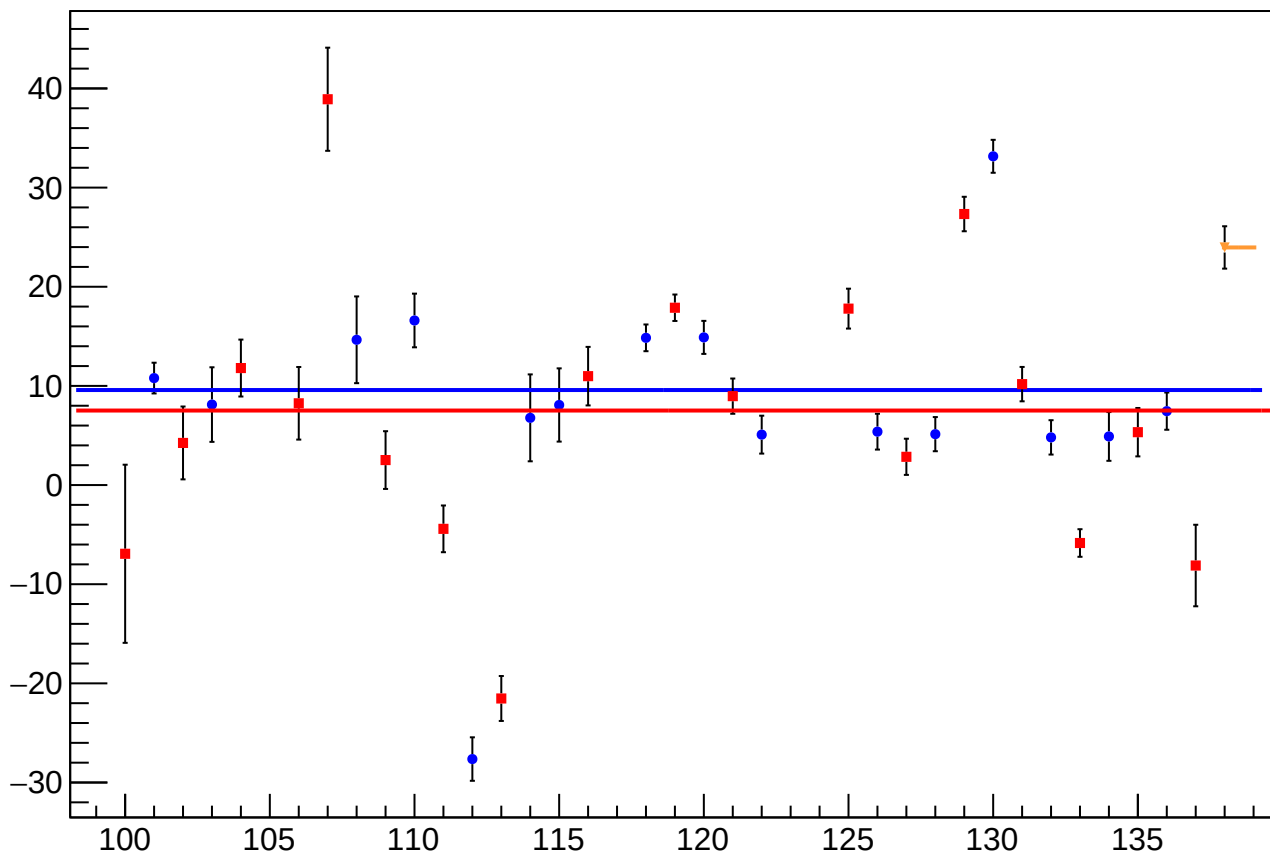
Right: 61.827+/-0.591 χ^2/NDF : 3239.7/33

In: 58.913+/-0.831 χ^2/NDF :1496.7/15

Out: 58.507+/-0.774 χ^2/NDF :2087.3/18

All: 58.695+/-0.566 χ^2/NDF : 3584.1/34

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF : 554.4/15

Left Out: 23.964+/-2.137 χ^2/NDF :0.0/0

Right Out: 7.516+/-0.516 χ^2/NDF : 569.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 23.964+/-2.137 χ^2/NDF : 0.0/0

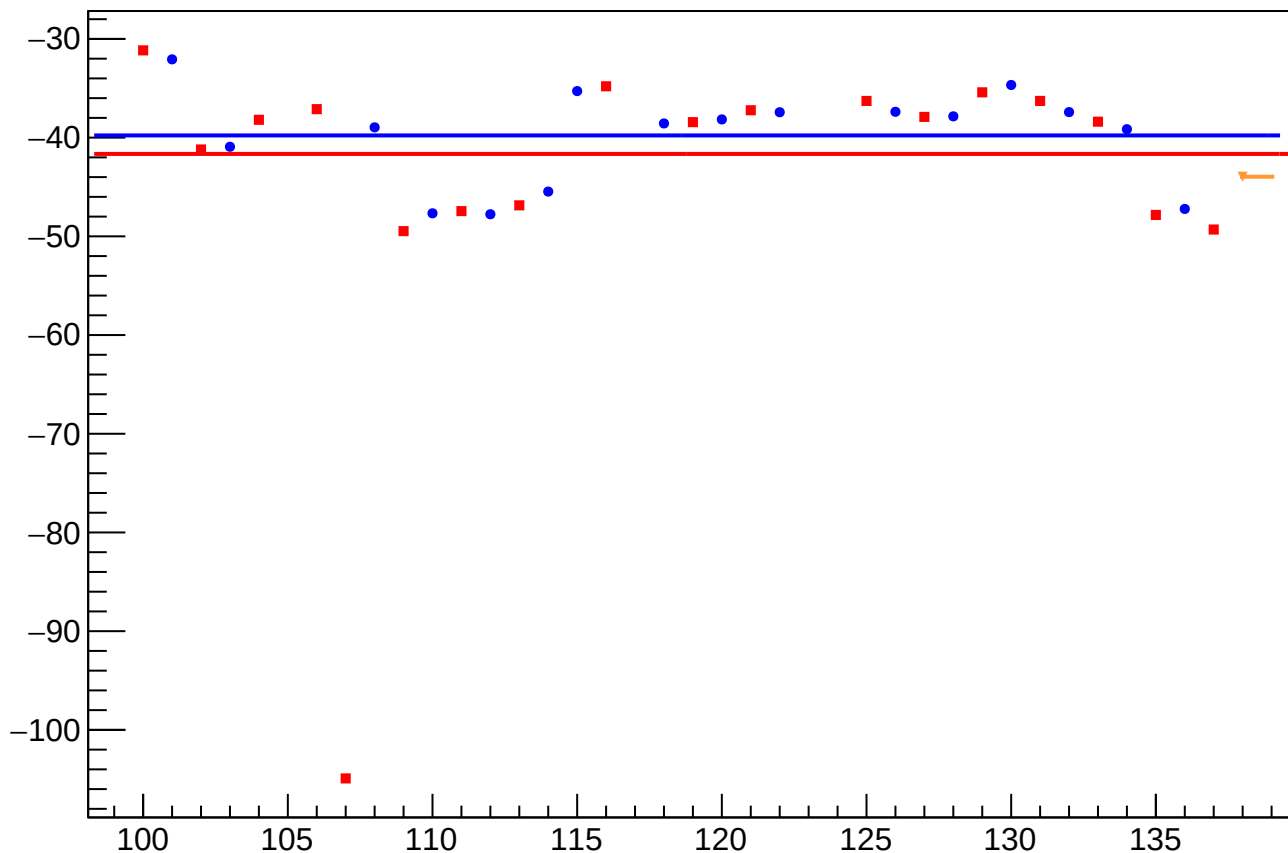
Right: 8.579+/-0.359 χ^2/NDF : 1132.5/33

In: 9.583+/-0.501 χ^2/NDF :554.4/15

Out: 8.421+/-0.501 χ^2/NDF :625.8/18

All: 9.002+/-0.354 χ^2/NDF : 1182.9/34

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 ± 0.031 $\chi^2/\text{NDF}: 26158.0/15$

Left Out: -43.960 ± 0.078 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -41.651 ± 0.031 $\chi^2/\text{NDF}: 94457.5/17$

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

Left: -43.960 ± 0.078 $\chi^2/\text{NDF}: 0.0/0$

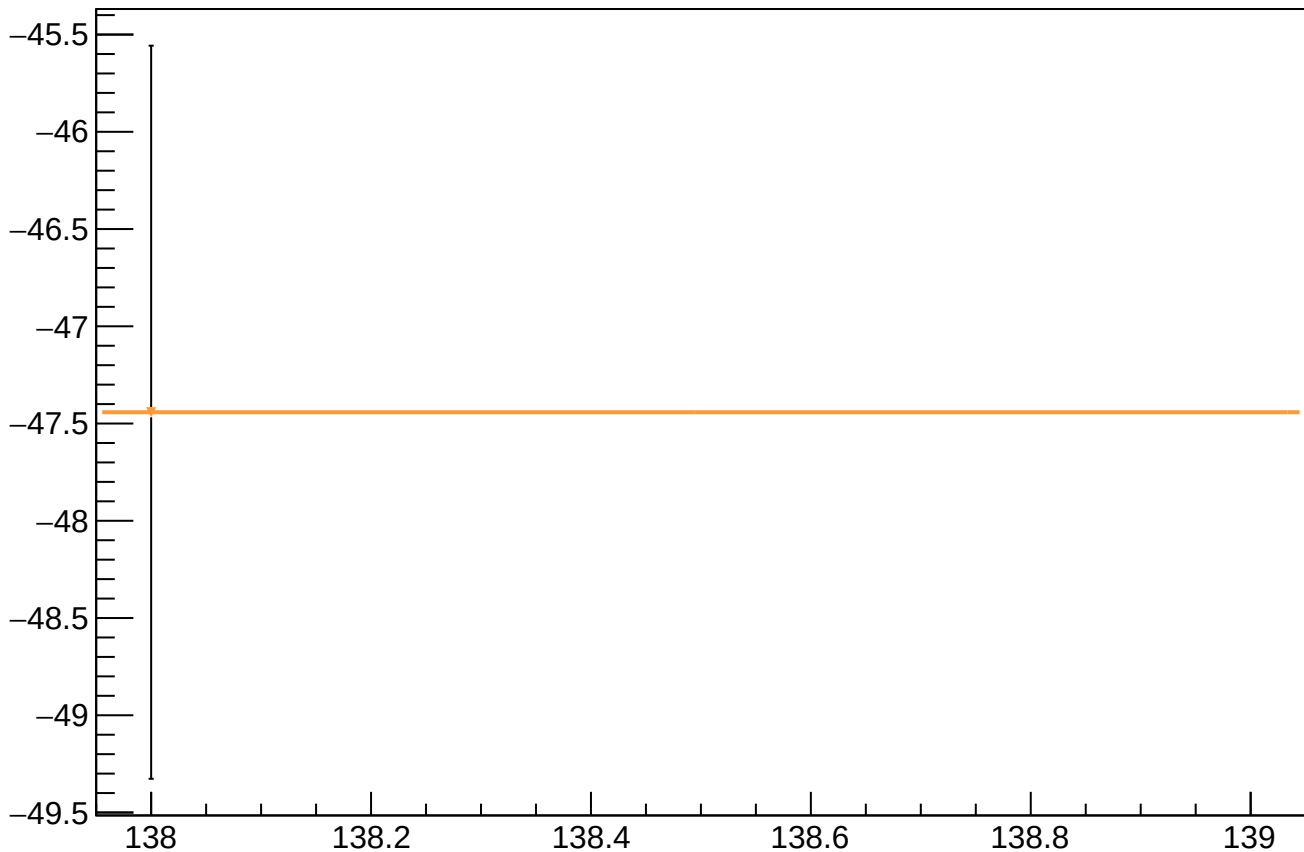
Right: -40.710 ± 0.022 $\chi^2/\text{NDF}: 122427.7/33$

In: -39.777 ± 0.031 $\chi^2/\text{NDF}: 26158.0/15$

Out: -41.969 ± 0.029 $\chi^2/\text{NDF}: 95212.2/18$

All: -40.950 ± 0.021 $\chi^2/\text{NDF}: 124033.4/34$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -47.442+/-1.885 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: -47.442+/-1.885 χ^2/NDF : 0.0/0

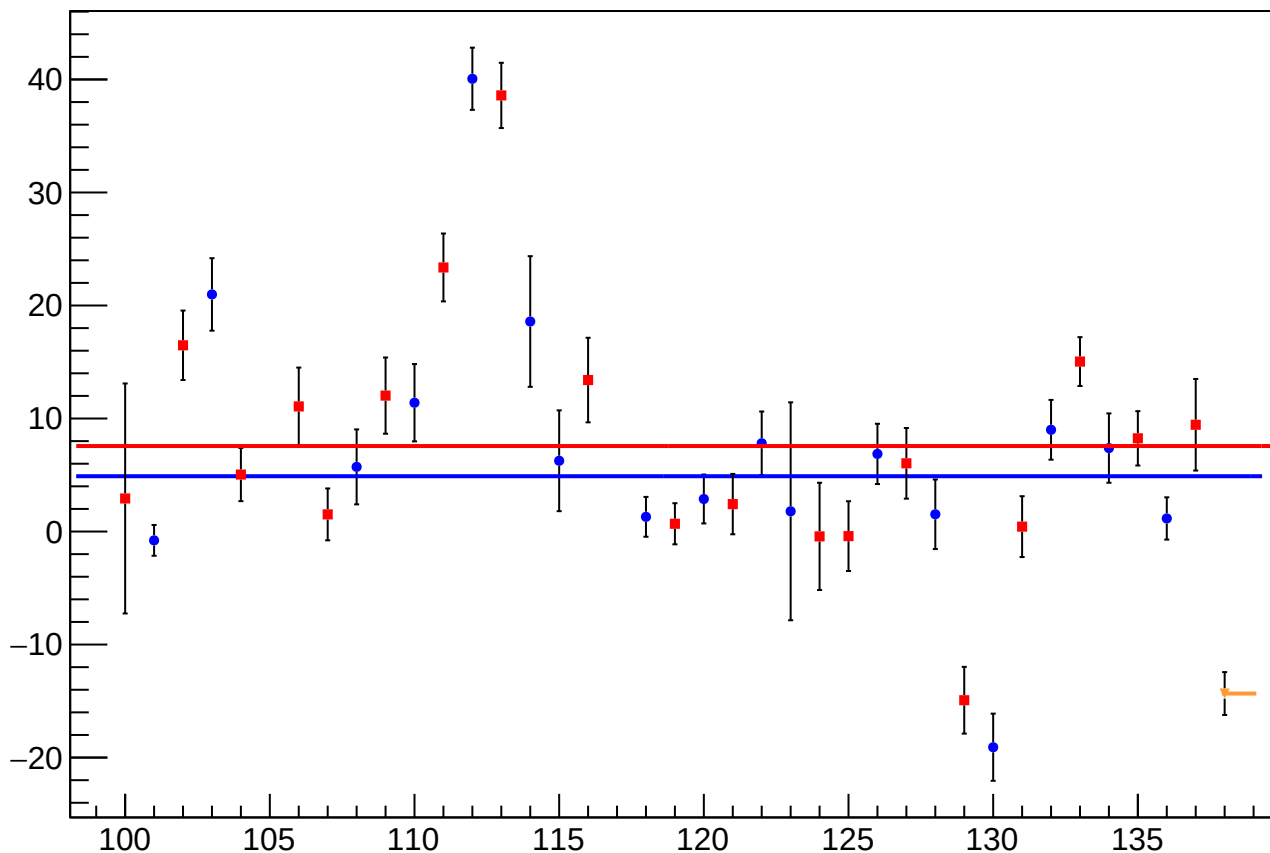
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -47.442+/-1.885 χ^2/NDF : 0.0/0

All: -47.442+/-1.885 χ^2/NDF : 0.0/0

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: -14.334 $\pm$ 1.896 χ^2 /NDF:0.0/0

Right Out: 7.565 $\pm$ 0.652 χ^2 /NDF: 270.2/18

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

Left: -14.334 $\pm$ 1.896 χ^2 /NDF: 0.0/0

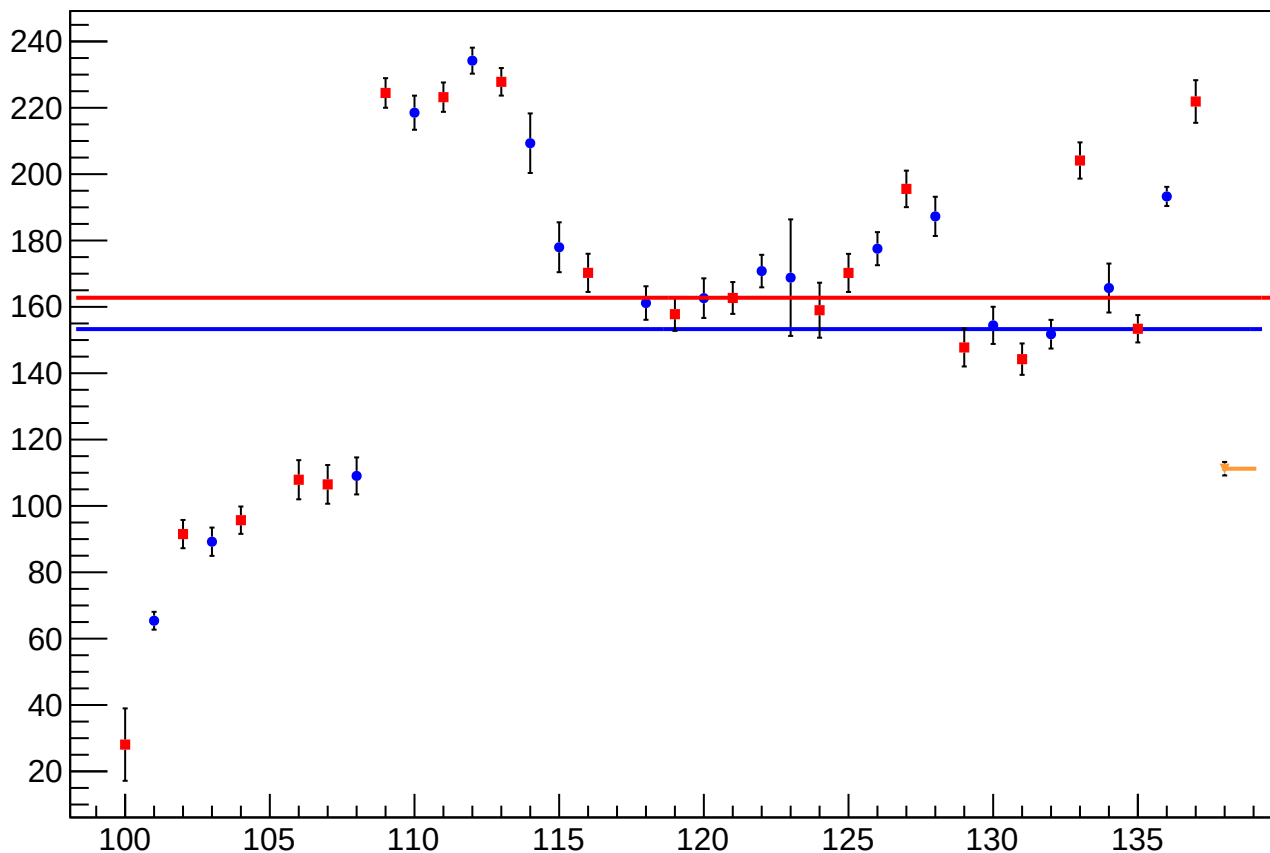
Right: 6.165 $\pm$ 0.450 χ^2 /NDF: 574.4/35

In: 4.894 $\pm$ 0.621 χ^2 /NDF:295.4/16

Out: 5.252 $\pm$ 0.616 χ^2 /NDF:389.5/19

All: 5.074 $\pm$ 0.437 χ^2 /NDF: 685.0/36

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: 111.215 $\pm$ 2.043 χ^2 /NDF:0.0/0

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

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

Left: 111.215 $\pm$ 2.043 χ^2 /NDF: 0.0/0

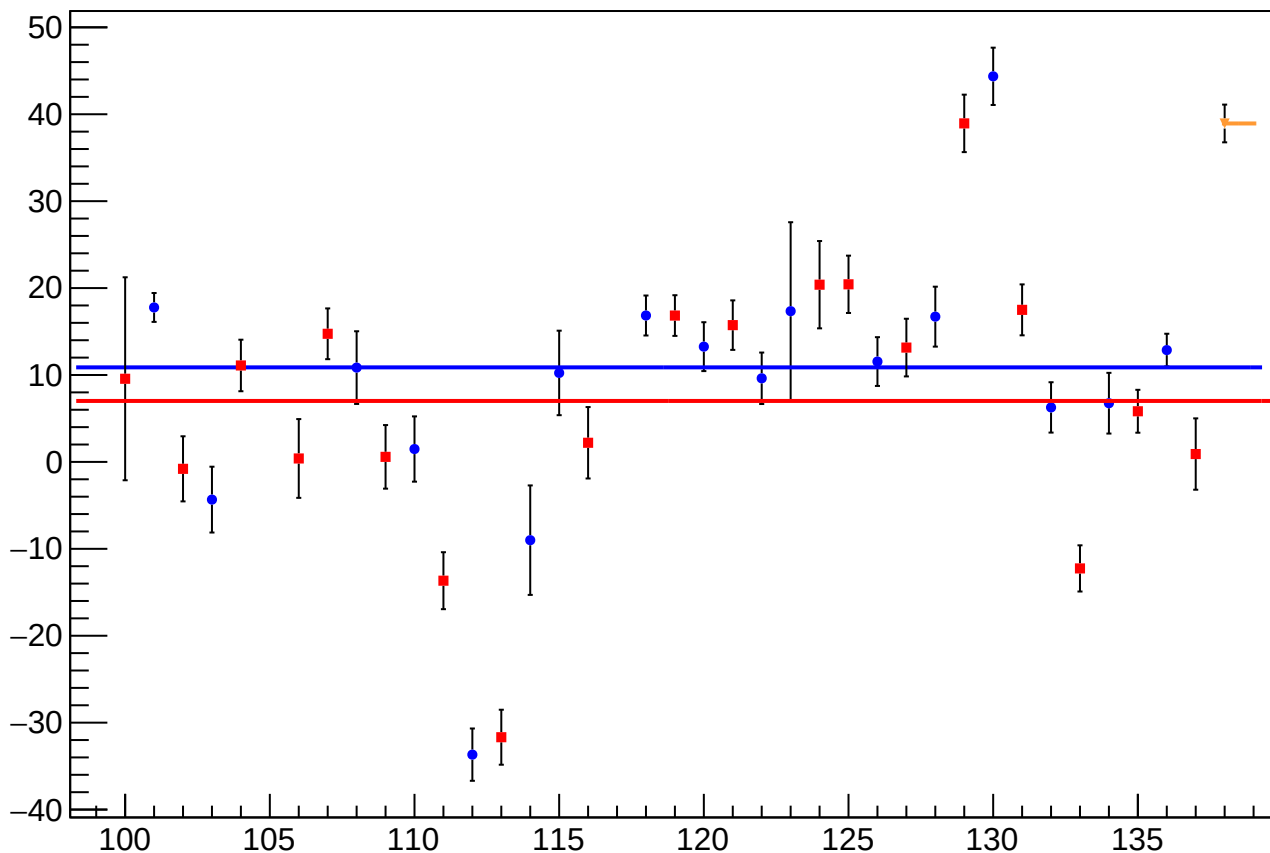
Right: 157.893 $\pm$ 0.820 χ^2 /NDF: 4008.6/35

In: 153.298 $\pm$ 1.145 χ^2 /NDF:2266.8/16

Out: 149.916 $\pm$ 1.020 χ^2 /NDF:2186.3/19

All: 151.412 $\pm$ 0.761 χ^2 /NDF: 4457.9/36

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: 38.939 $\pm$ 2.171 χ^2 /NDF:0.0/0

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

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

Left: 38.939 $\pm$ 2.171 χ^2 /NDF: 0.0/0

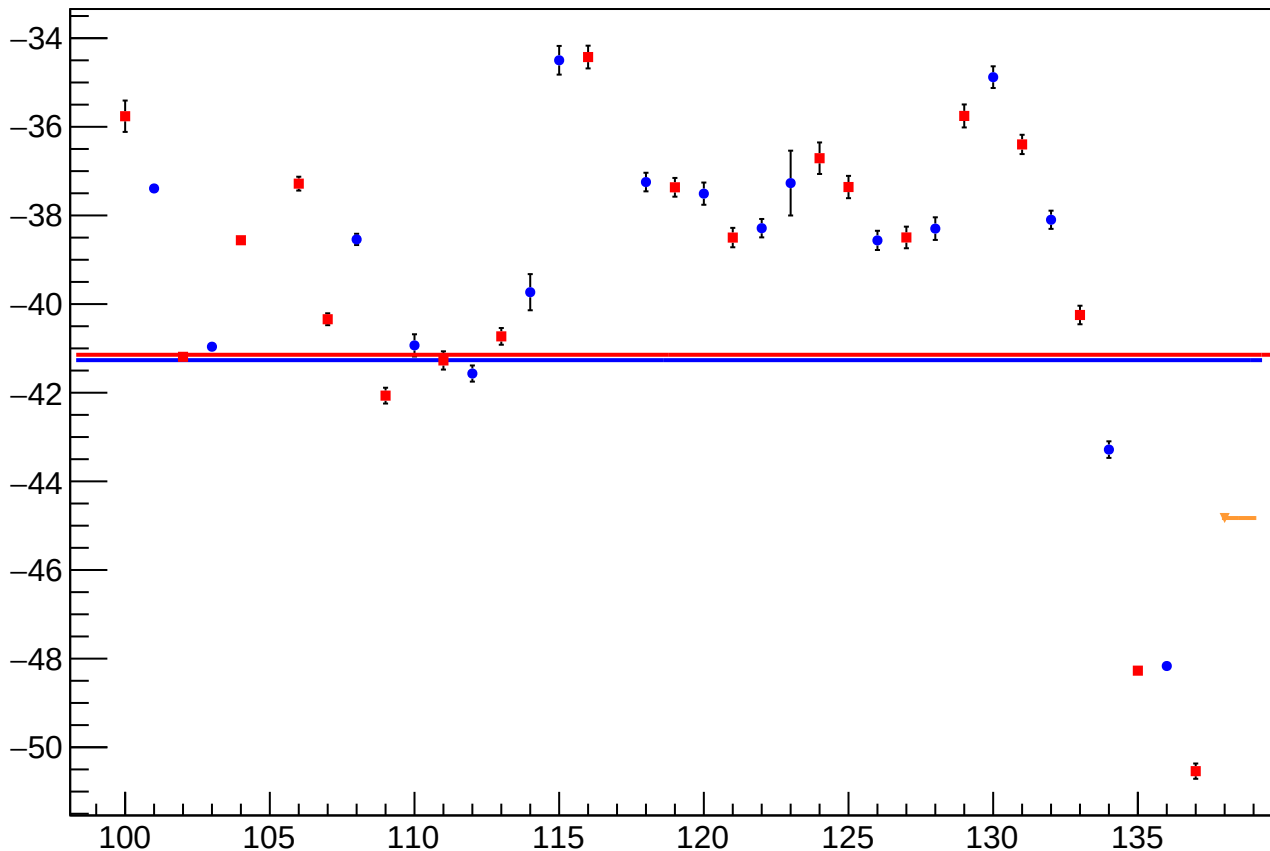
Right: 9.038 $\pm$ 0.516 χ^2 /NDF: 826.6/35

In: 10.878 $\pm$ 0.713 χ^2 /NDF:388.1/16

Out: 10.403 $\pm$ 0.707 χ^2 /NDF:617.9/19

All: 10.638 $\pm$ 0.502 χ^2 /NDF: 1006.2/36

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF : 12570.1/16

Left Out: -44.827+/-0.081 χ^2/NDF : 0.0/0

Right Out: -41.144+/-0.039 χ^2/NDF : 12218.7/18

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

Left: -44.827+/-0.081 χ^2/NDF : 0.0/0

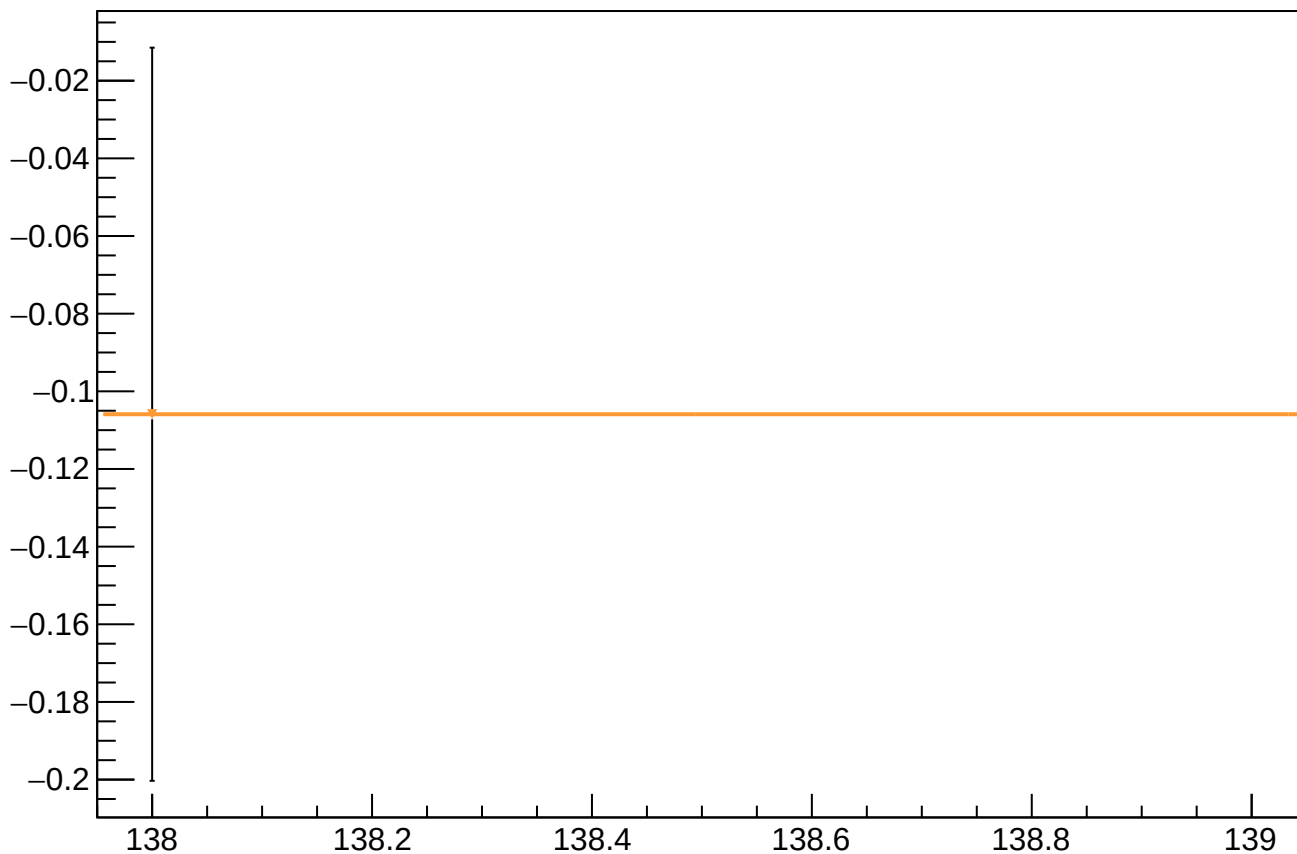
Right: -41.205+/-0.027 χ^2/NDF : 24793.7/35

In: -41.265+/-0.038 χ^2/NDF : 12570.1/16

Out: -41.829+/-0.035 χ^2/NDF : 13912.5/19

All: -41.575+/-0.026 χ^2/NDF : 26600.6/36

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.106+/-0.094 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: -0.106+/-0.094 χ^2/NDF : 0.0/0

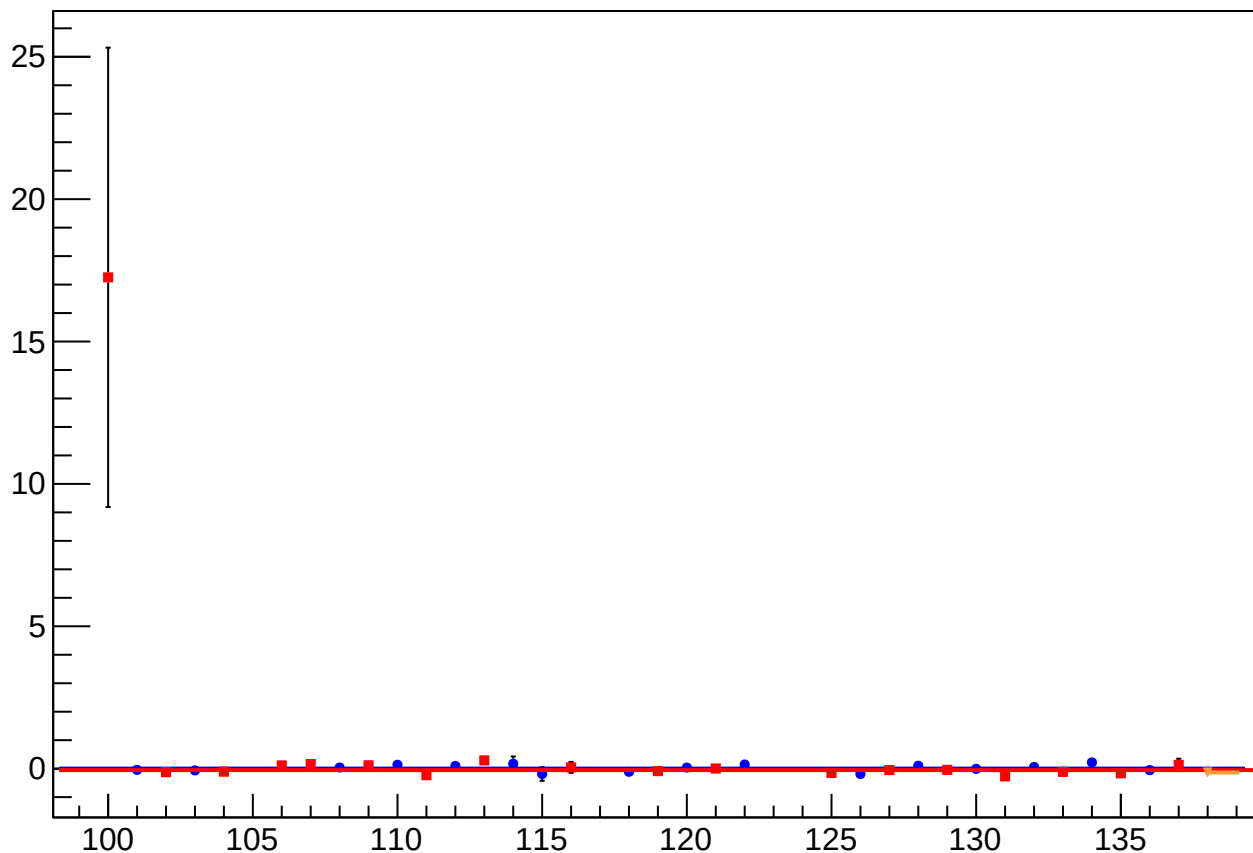
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -0.106+/-0.094 χ^2/NDF : 0.0/0

All: -0.106+/-0.094 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.028 χ^2 /NDF: 12.5/15

Left Out: -0.134 $\pm$ 0.101 χ^2 /NDF:0.0/0

Right Out: -0.051 $\pm$ 0.029 χ^2 /NDF: 25.8/17

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

Left: -0.134 $\pm$ 0.101 χ^2 /NDF: 0.0/0

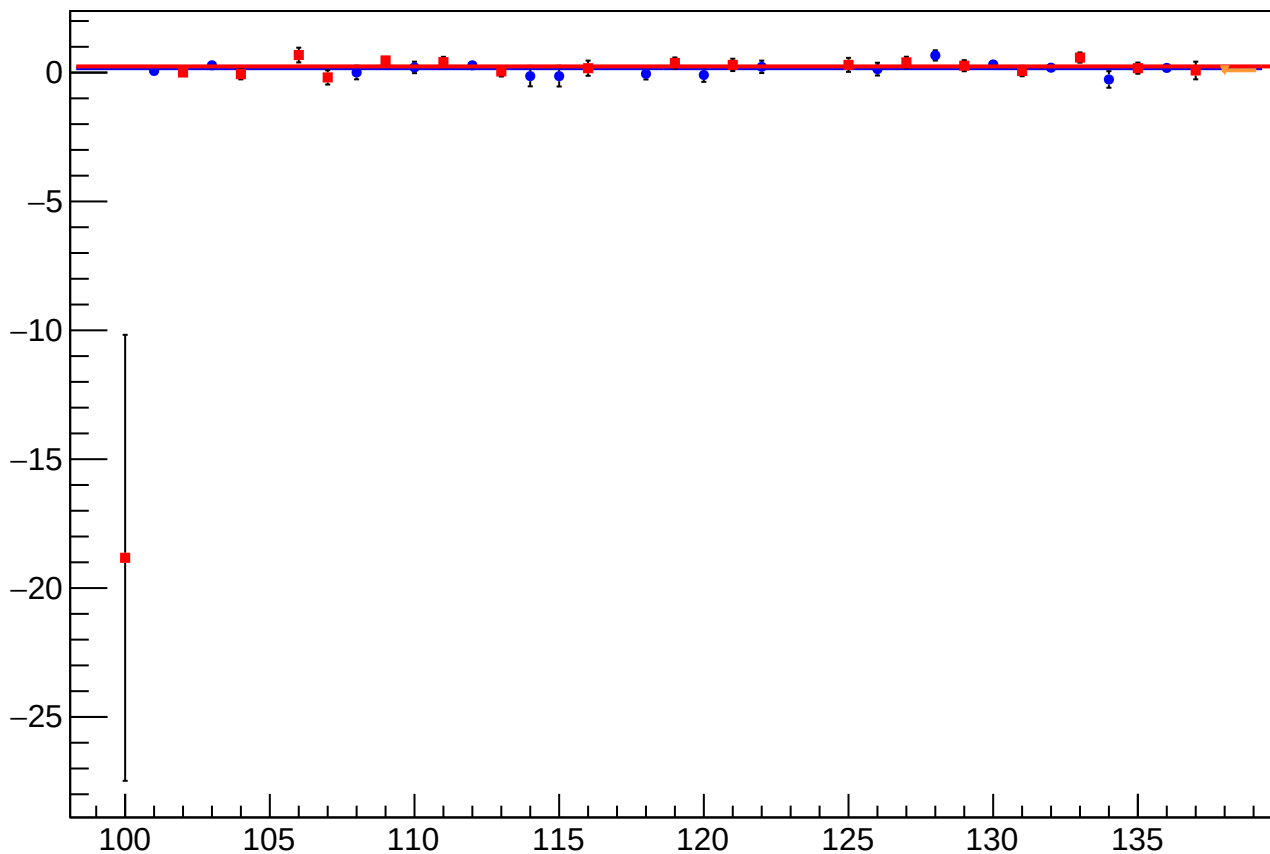
Right: -0.024 $\pm$ 0.020 χ^2 /NDF: 40.0/33

In: 0.002 $\pm$ 0.028 χ^2 /NDF:12.5/15

Out: -0.057 $\pm$ 0.028 χ^2 /NDF:26.4/18

All: -0.028 $\pm$ 0.020 χ^2 /NDF: 41.1/34

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: 0.089 $\pm$ 0.102 χ^2 /NDF:0.0/0

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

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

Left: 0.089 $\pm$ 0.102 χ^2 /NDF: 0.0/0

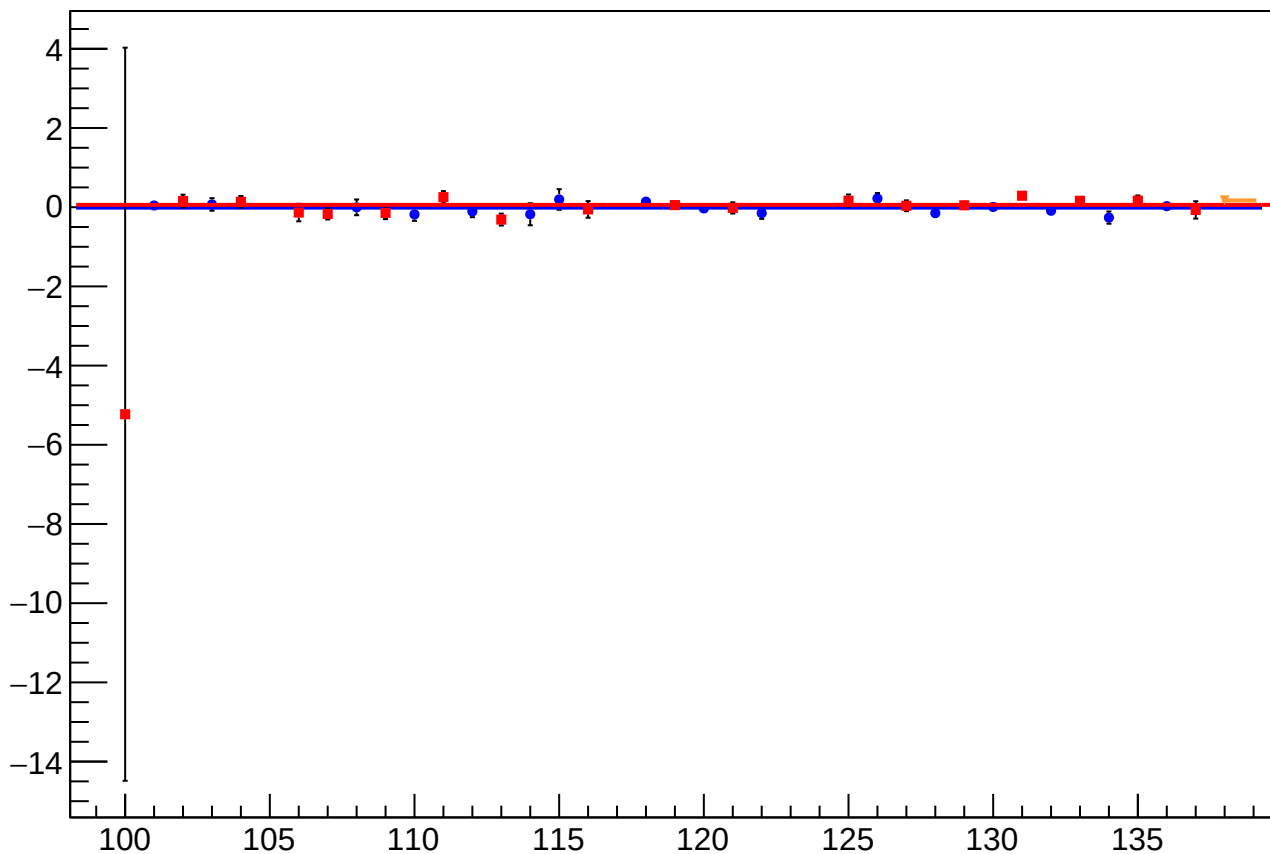
Right: 0.204 $\pm$ 0.038 χ^2 /NDF: 36.3/33

In: 0.171 $\pm$ 0.052 χ^2 /NDF:13.7/15

Out: 0.206 $\pm$ 0.048 χ^2 /NDF:23.5/18

All: 0.190 $\pm$ 0.035 χ^2 /NDF: 37.4/34

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: 0.171 $\pm$ 0.114 χ^2 /NDF:0.0/0

Right Out: 0.059 $\pm$ 0.034 χ^2 /NDF: 20.6/17

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

Left: 0.171 $\pm$ 0.114 χ^2 /NDF: 0.0/0

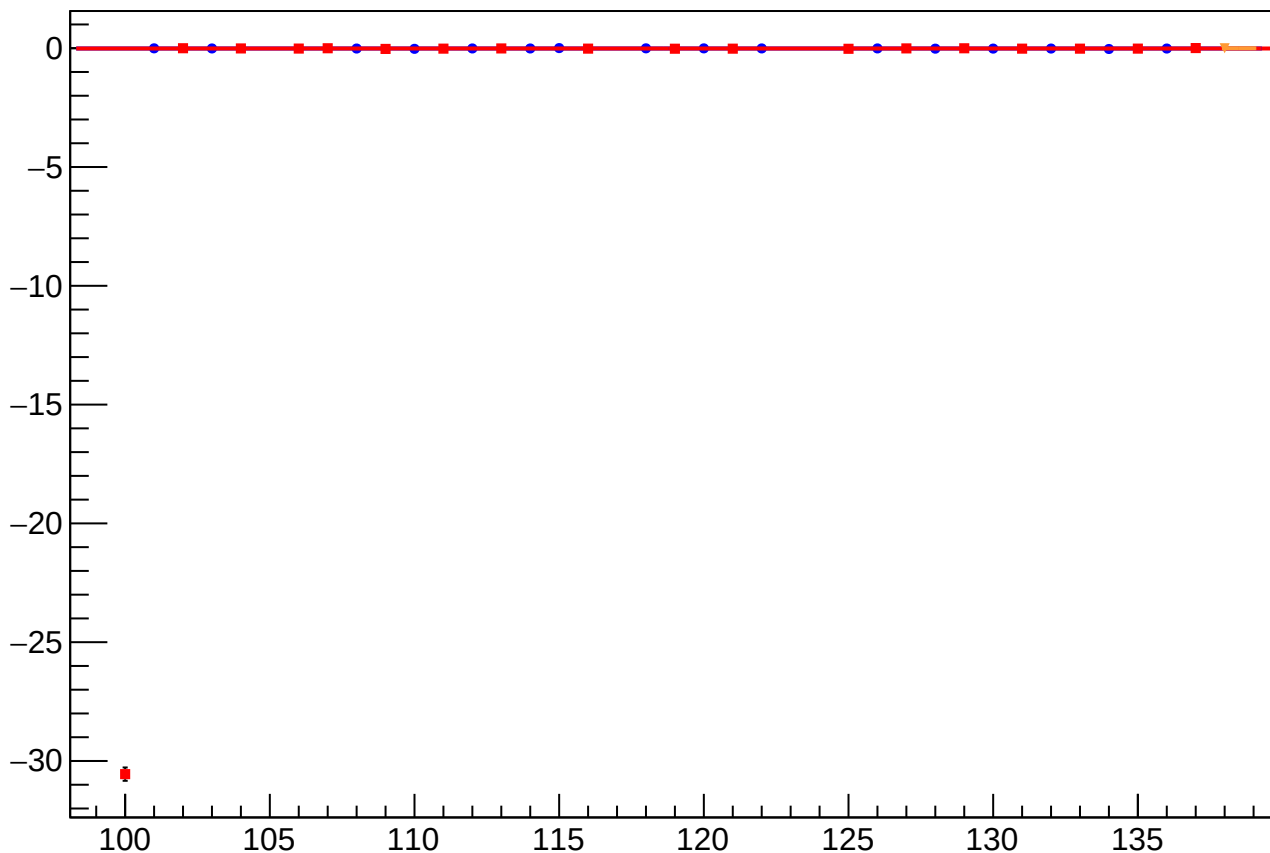
Right: 0.022 $\pm$ 0.023 χ^2 /NDF: 36.5/33

In: -0.011 $\pm$ 0.033 χ^2 /NDF:13.8/15

Out: 0.068 $\pm$ 0.033 χ^2 /NDF:21.5/18

All: 0.028 $\pm$ 0.023 χ^2 /NDF: 38.2/34

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: -0.002 $\pm$ 0.004 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

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

Left: -0.002 $\pm$ 0.004 χ^2 /NDF: 0.0/0

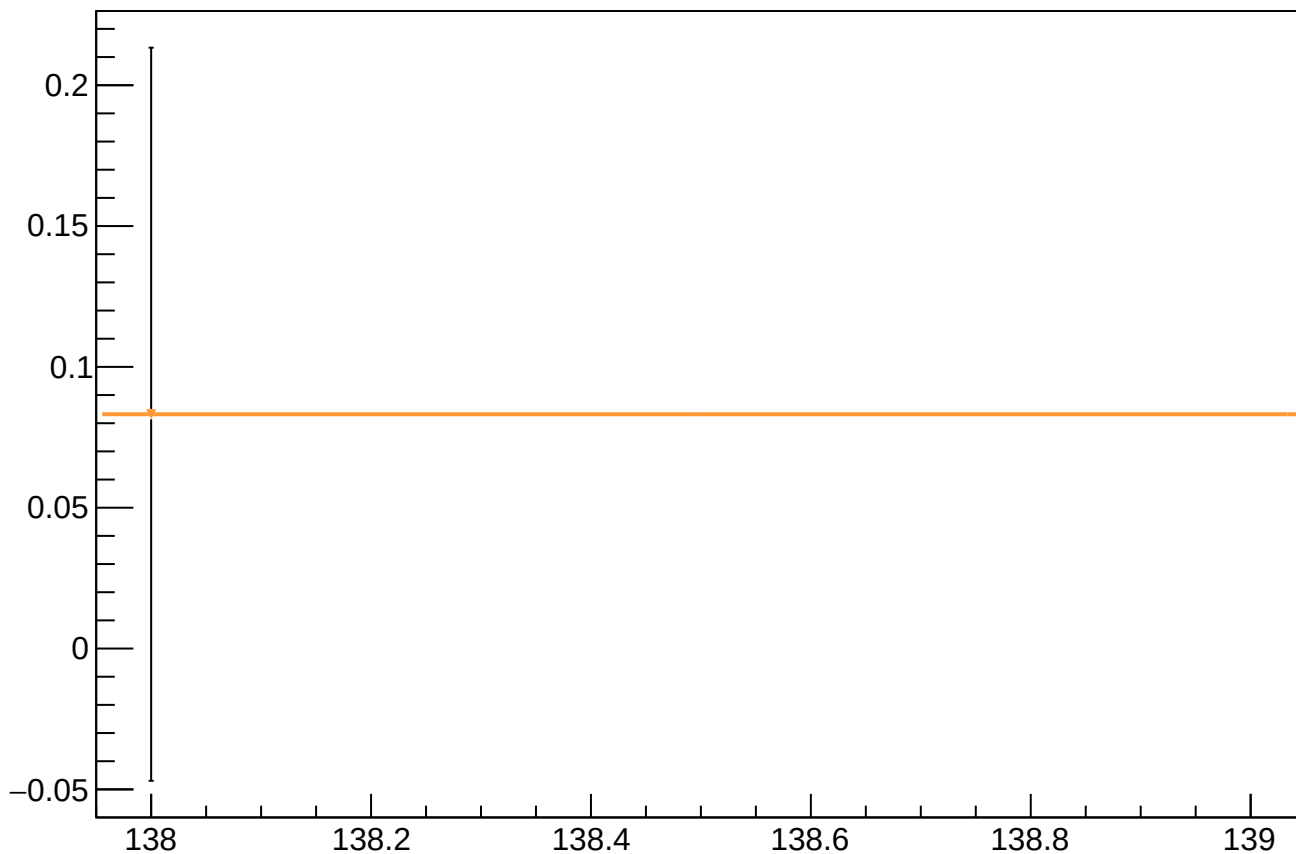
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11904.4/33

In: -0.012 $\pm$ 0.002 χ^2 /NDF:12.9/15

Out: -0.010 $\pm$ 0.002 χ^2 /NDF:11897.4/18

All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11910.6/34

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: 0.083 $\pm$ 0.130 χ^2 /NDF:0.0/0

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

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

Left: 0.083 $\pm$ 0.130 χ^2 /NDF: 0.0/0

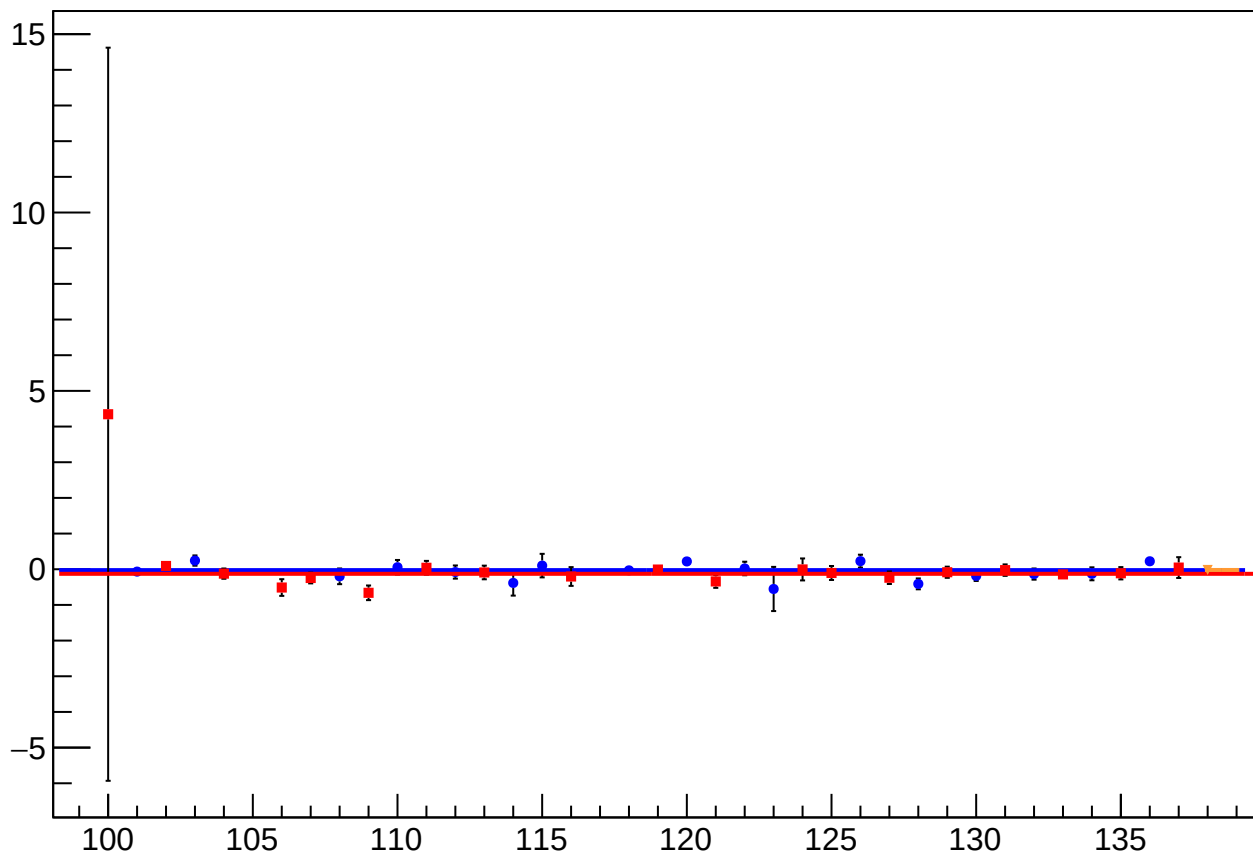
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.083 $\pm$ 0.130 χ^2 /NDF:0.0/0

All: 0.083 $\pm$ 0.130 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.037 χ^2 /NDF: 23.4/16

Left Out: -0.020 $\pm$ 0.140 χ^2 /NDF:0.0/0

Right Out: -0.128 $\pm$ 0.039 χ^2 /NDF: 17.6/18

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

Left: -0.020 $\pm$ 0.140 χ^2 /NDF: 0.0/0

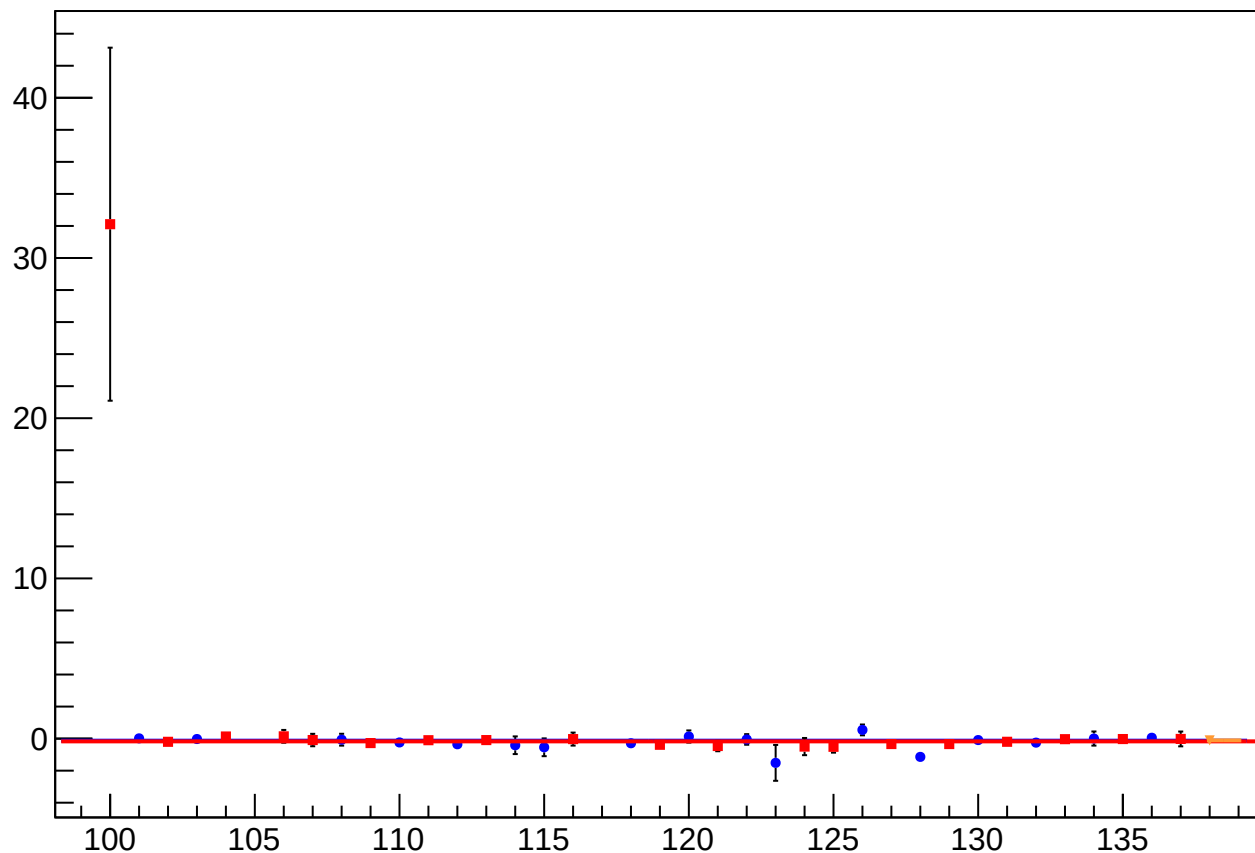
Right: -0.072 $\pm$ 0.027 χ^2 /NDF: 44.7/35

In: -0.024 $\pm$ 0.037 χ^2 /NDF:23.4/16

Out: -0.120 $\pm$ 0.038 χ^2 /NDF:18.2/19

All: -0.070 $\pm$ 0.026 χ^2 /NDF: 44.9/36

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.109 ± 0.141 χ^2/NDF : 0.0/0

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

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

Left: -0.109 ± 0.141 χ^2/NDF : 0.0/0

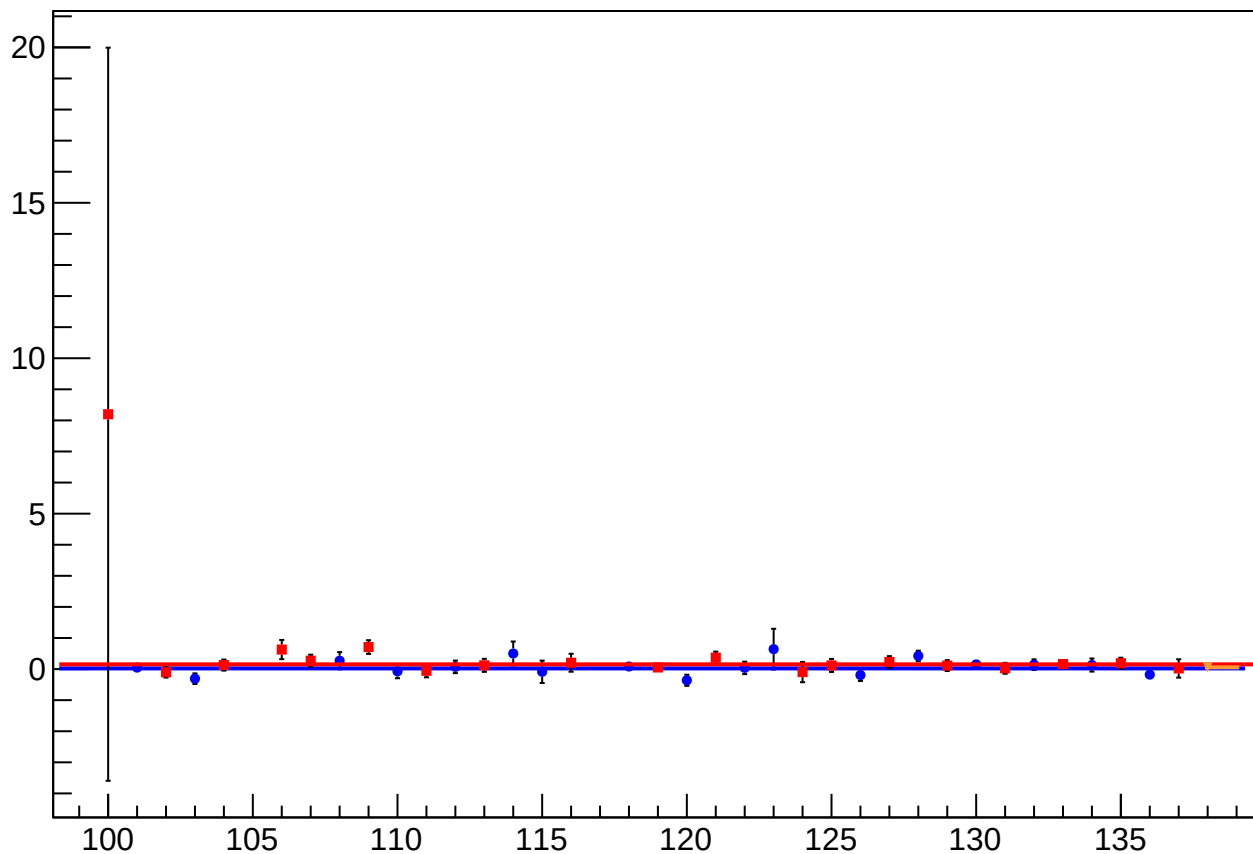
Right: -0.149 ± 0.049 χ^2/NDF : 39.0/35

In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Out: -0.159 ± 0.063 χ^2/NDF : 15.2/19

All: -0.145 ± 0.046 χ^2/NDF : 39.0/36

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Left Out: 0.056+/-0.157 χ^2/NDF : 0.0/0

Right Out: 0.152+/-0.045 χ^2/NDF : 16.2/18

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

Left: 0.056+/-0.157 χ^2/NDF : 0.0/0

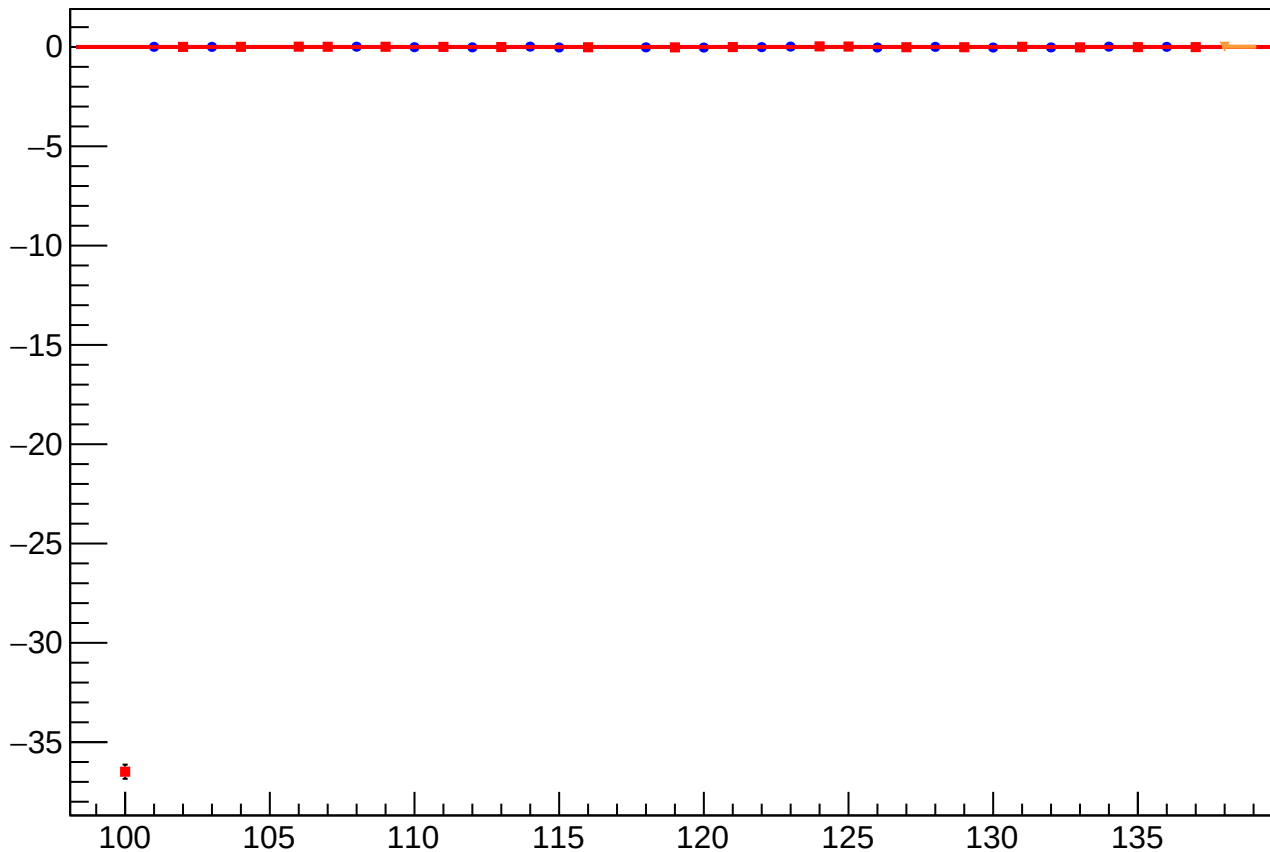
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Out: 0.145+/-0.044 χ^2/NDF : 16.6/19

All: 0.081+/-0.030 χ^2/NDF : 43.2/36

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 $\pm$ 0.005 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

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

Left: 0.012 $\pm$ 0.005 χ^2 /NDF: 0.0/0

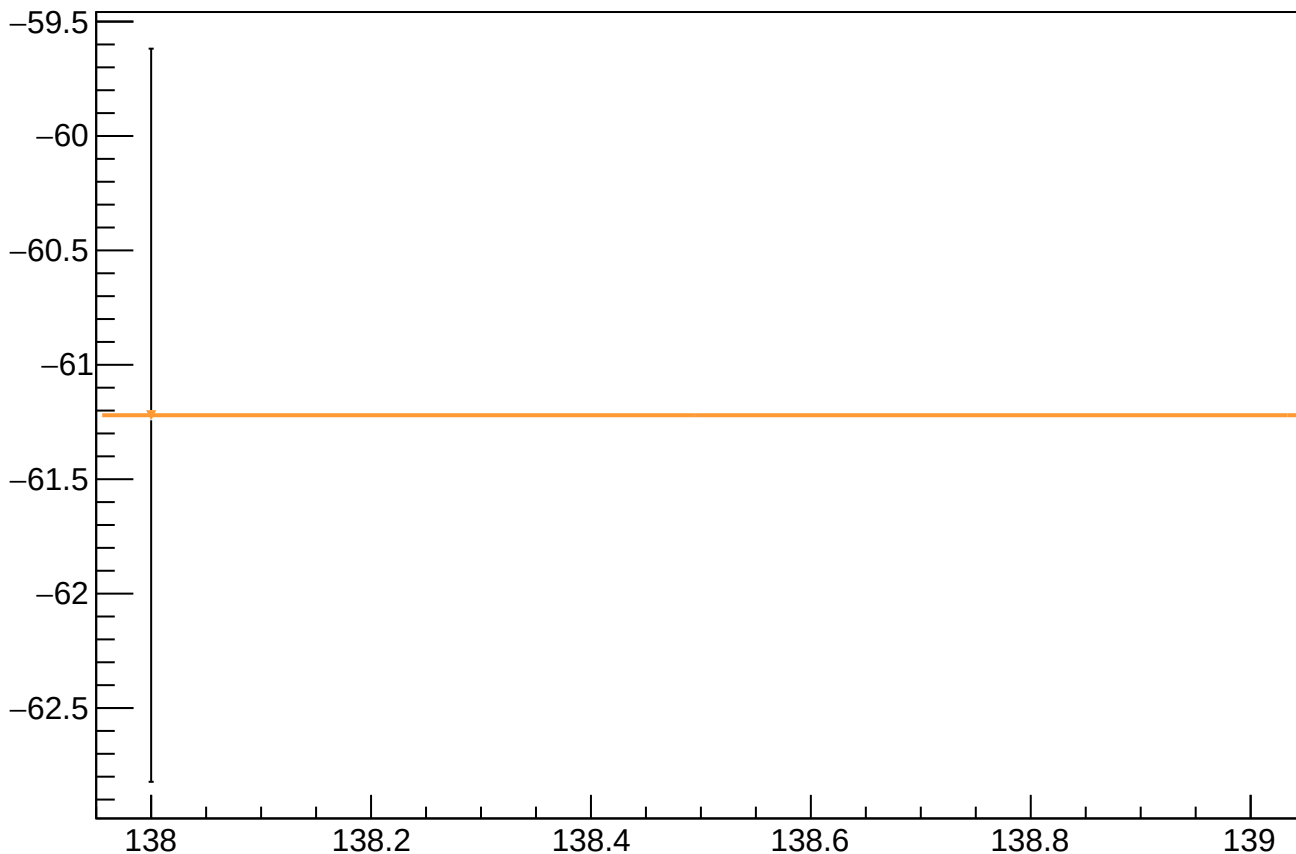
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.5/35

In: 0.001 $\pm$ 0.002 χ^2 /NDF:32.4/16

Out: 0.003 $\pm$ 0.002 χ^2 /NDF:10452.4/19

All: 0.002 $\pm$ 0.002 χ^2 /NDF: 10485.0/36

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: -61.220+/-1.602 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: -61.220+/-1.602 χ^2/NDF : 0.0/0

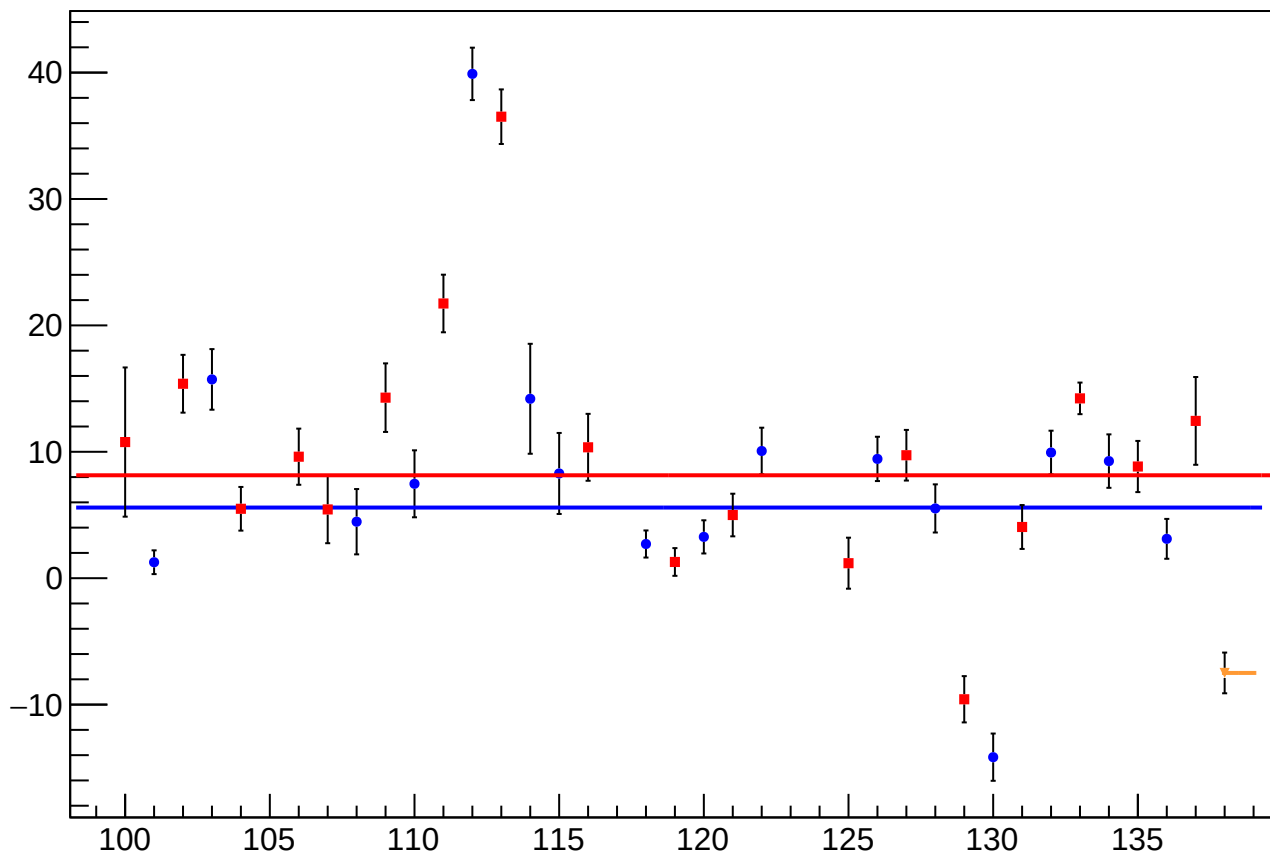
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -61.220+/-1.602 χ^2/NDF : 0.0/0

All: -61.220+/-1.602 χ^2/NDF : 0.0/0

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: -7.495+/-1.611 χ^2/NDF : 0.0/0

Right Out: 8.142+/-0.454 χ^2/NDF : 407.7/17

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

Left: -7.495+/-1.611 χ^2/NDF : 0.0/0

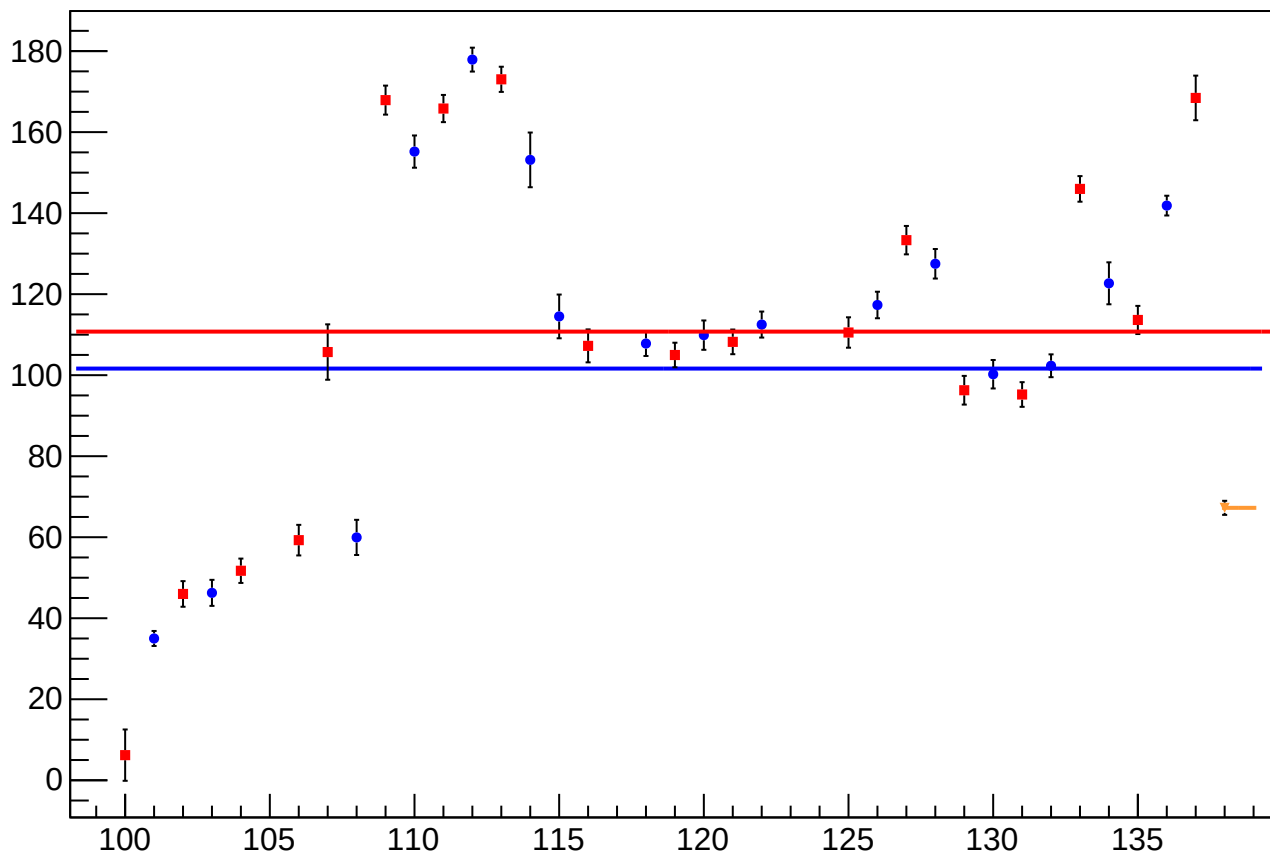
Right: 6.778+/-0.310 χ^2/NDF : 887.4/33

In: 5.589+/-0.424 χ^2/NDF : 462.8/15

Out: 6.993+/-0.437 χ^2/NDF : 495.0/18

All: 6.270+/-0.304 χ^2/NDF : 963.1/34

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 67.251 $\pm$ 1.737 χ^2 /NDF:0.0/0

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

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

Left: 67.251 $\pm$ 1.737 χ^2 /NDF: 0.0/0

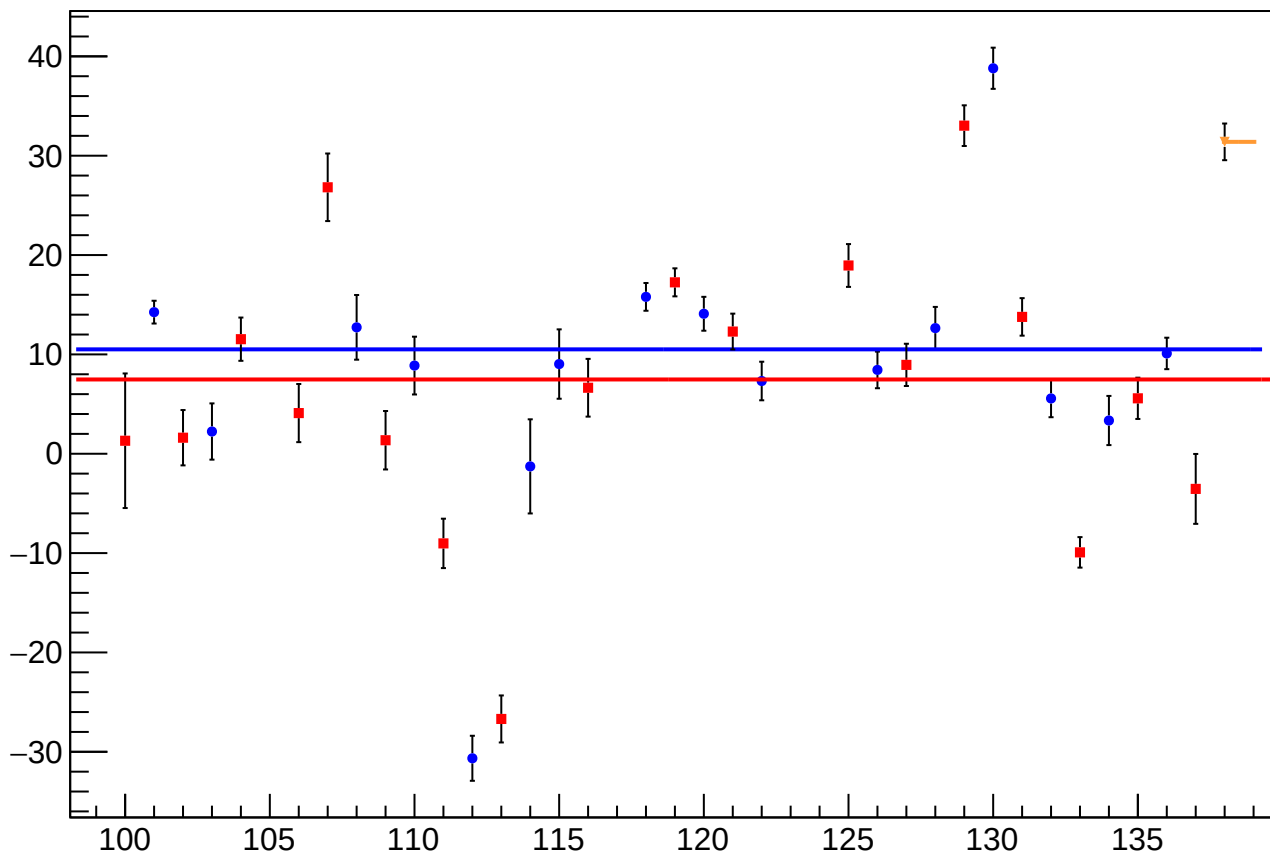
Right: 106.031 $\pm$ 0.581 χ^2 /NDF: 5553.5/33

In: 101.631 $\pm$ 0.807 χ^2 /NDF:2978.9/15

Out: 102.569 $\pm$ 0.753 χ^2 /NDF:3022.3/18

All: 102.132 $\pm$ 0.551 χ^2 /NDF: 6001.9/34

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: 31.394 $\pm$ 1.845 χ^2 /NDF:0.0/0

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

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

Left: 31.394 $\pm$ 1.845 χ^2 /NDF: 0.0/0

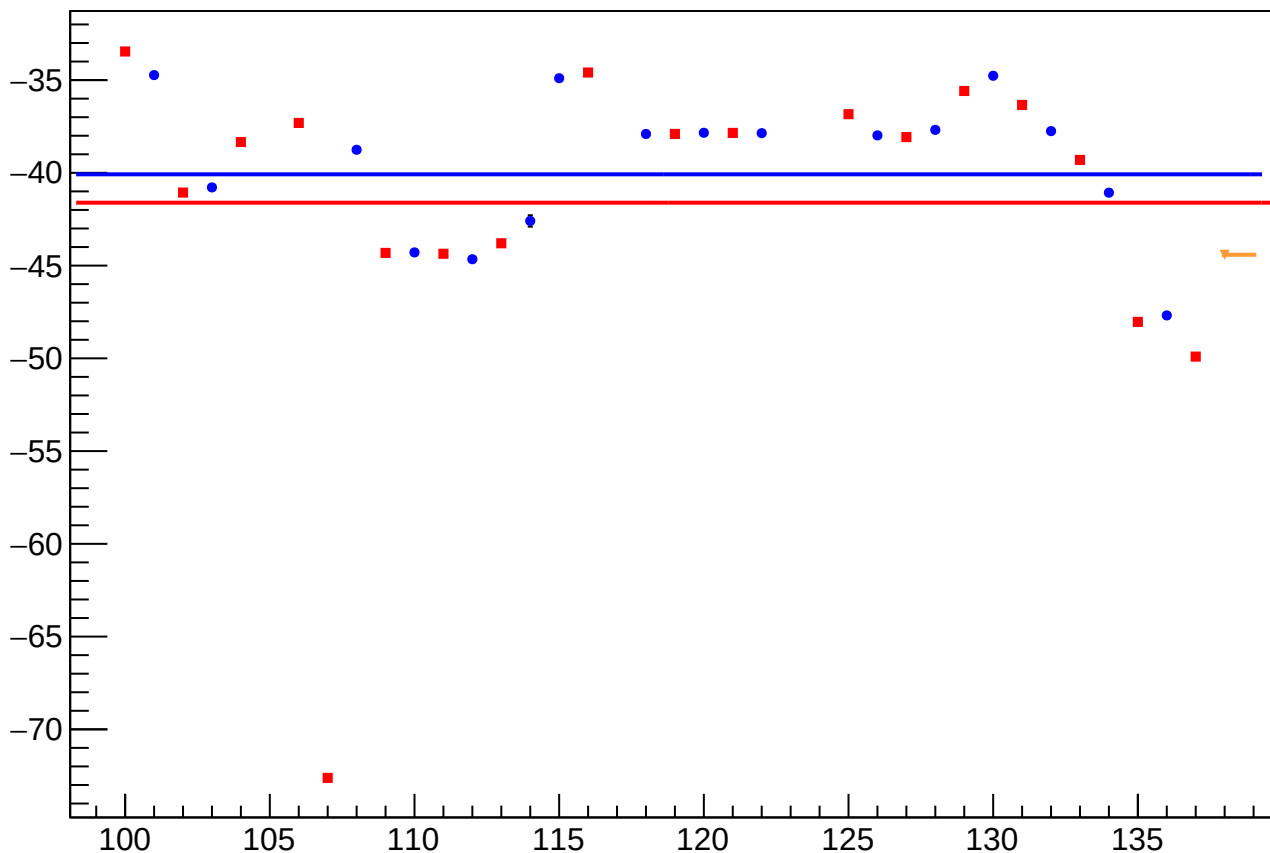
Right: 9.088 $\pm$ 0.359 χ^2 /NDF: 1288.6/33

In: 10.508 $\pm$ 0.492 χ^2 /NDF:581.5/15

Out: 9.261 $\pm$ 0.504 χ^2 /NDF:844.8/18

All: 9.900 $\pm$ 0.352 χ^2 /NDF: 1429.4/34

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: -44.418 ± 0.069 χ^2/NDF : 0.0/0

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

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

Left: -44.418 ± 0.069 χ^2/NDF : 0.0/0

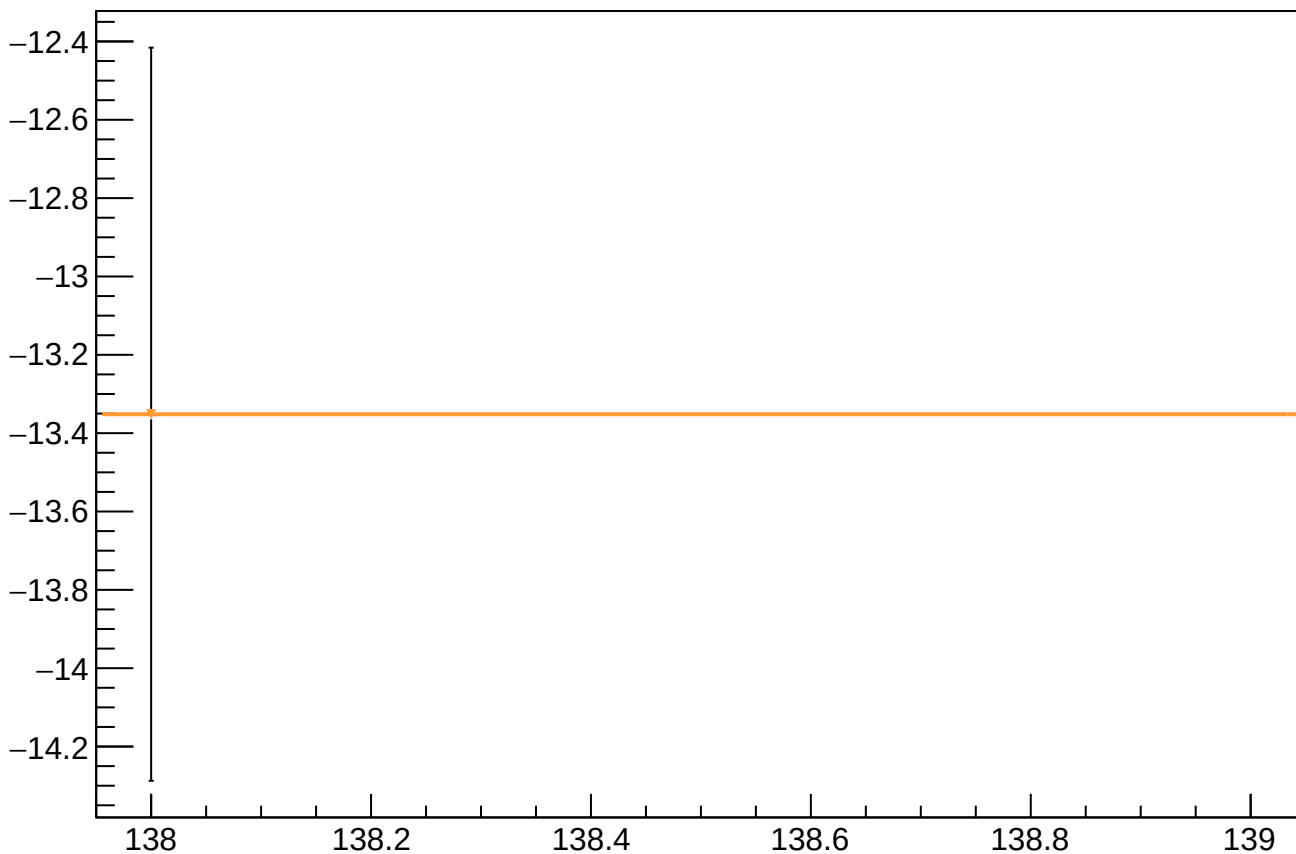
Right: -40.834 ± 0.020 χ^2/NDF : 88360.5/33

In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Out: -42.024 ± 0.026 χ^2/NDF : 63209.7/18

All: -41.116 ± 0.019 χ^2/NDF : 90868.4/34

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.352+/-0.936 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: -13.352+/-0.936 χ^2/NDF : 0.0/0

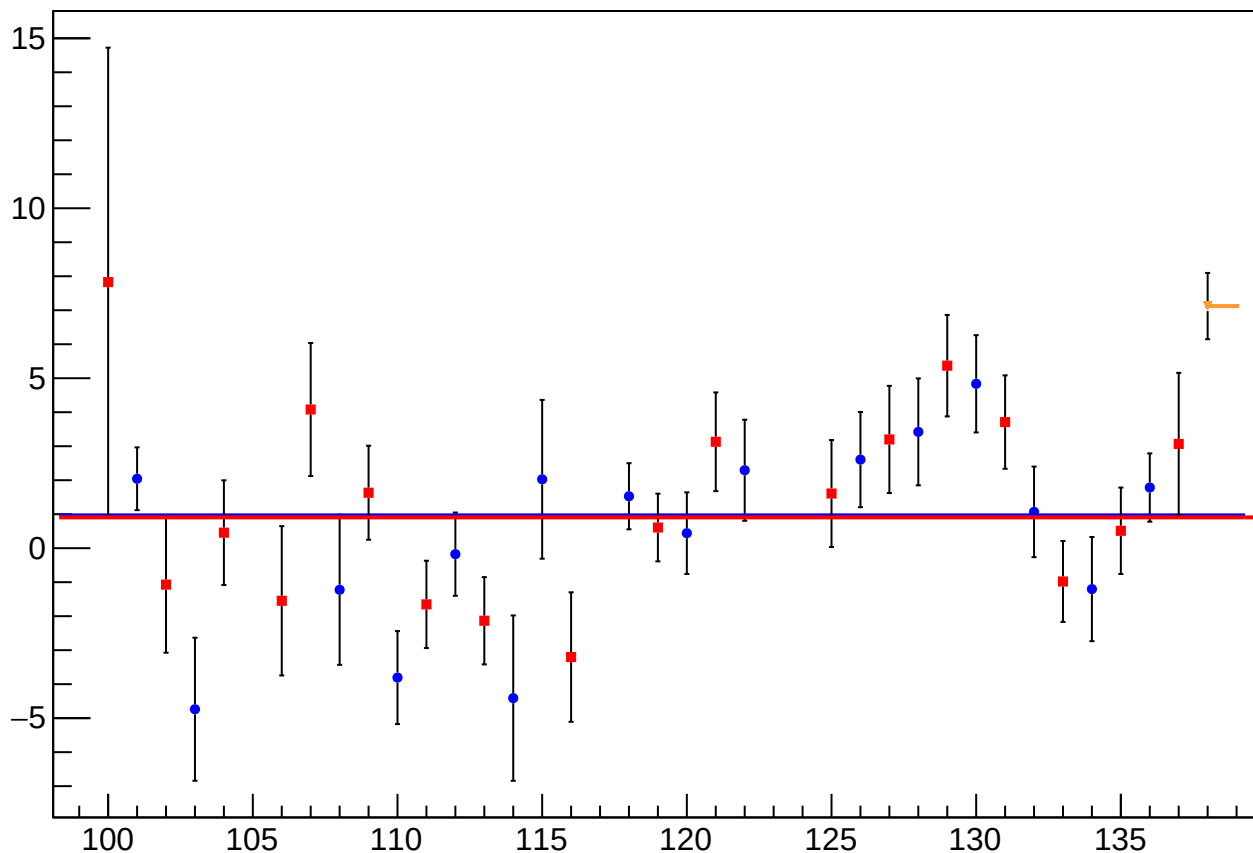
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -13.352+/-0.936 χ^2/NDF : 0.0/0

All: -13.352+/-0.936 χ^2/NDF : 0.0/0

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: 7.123 ± 0.975 χ^2/NDF : 0.0/0

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

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

Left: 7.123 ± 0.975 χ^2/NDF : 0.0/0

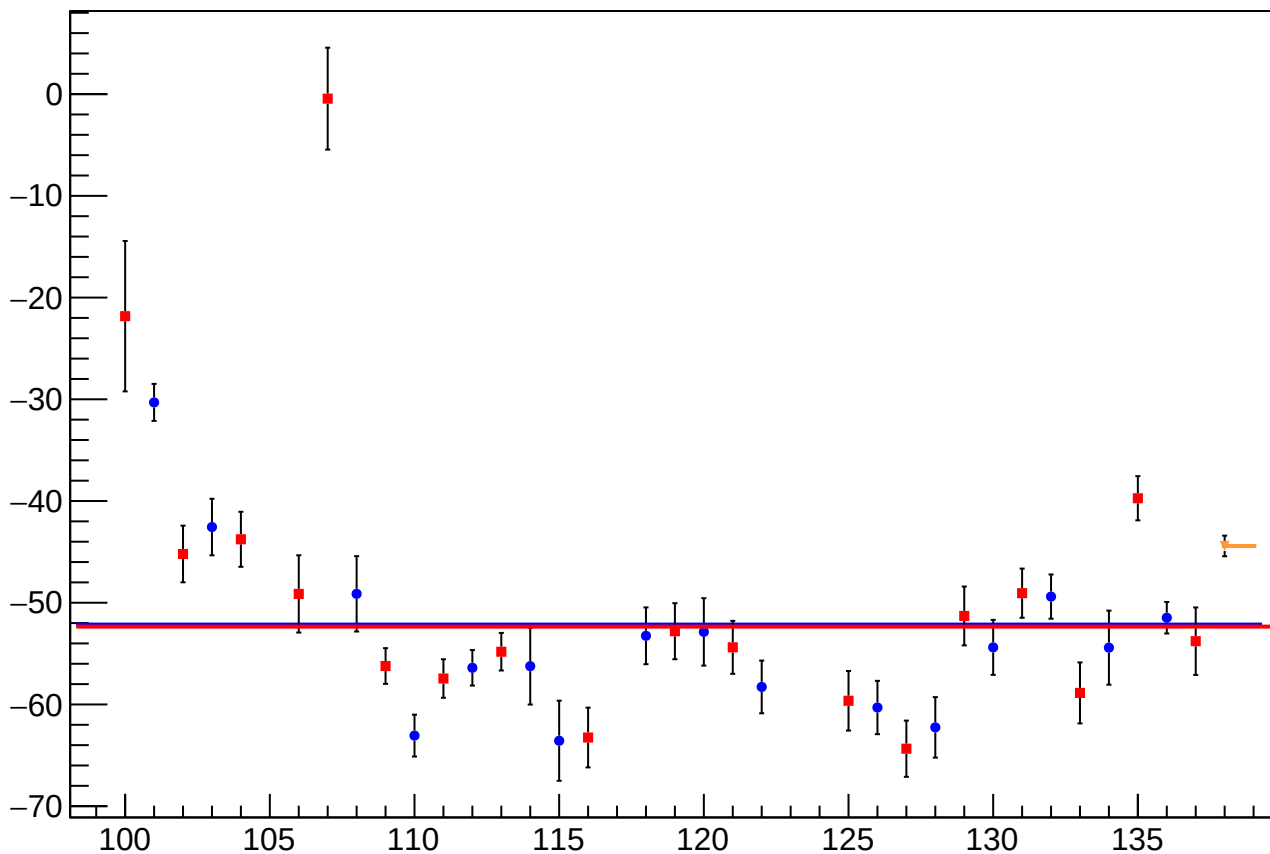
Right: 0.937 ± 0.244 χ^2/NDF : 84.9/33

In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Out: 1.630 ± 0.333 χ^2/NDF : 77.9/18

All: 1.303 ± 0.237 χ^2/NDF : 122.8/34

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148 $\pm$ 0.612 χ^2 /NDF: 230.2/15

Left Out: -44.419 $\pm$ 1.015 χ^2 /NDF:0.0/0

Right Out: -52.346 $\pm$ 0.616 χ^2 /NDF: 235.7/17

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

Left: -44.419 $\pm$ 1.015 χ^2 /NDF: 0.0/0

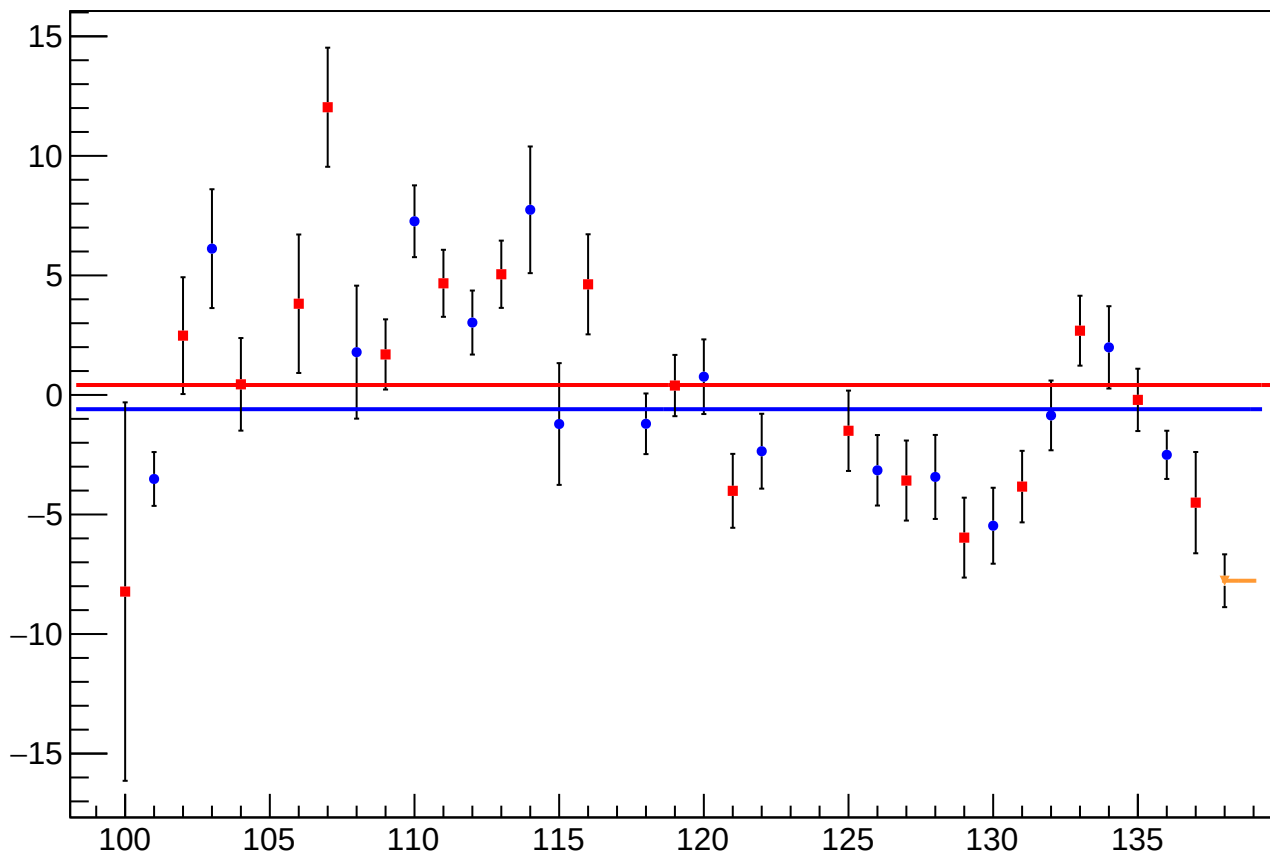
Right: -52.246 $\pm$ 0.434 χ^2 /NDF: 466.0/33

In: -52.148 $\pm$ 0.612 χ^2 /NDF:230.2/15

Out: -50.213 $\pm$ 0.526 χ^2 /NDF:280.3/18

All: -51.036 $\pm$ 0.399 χ^2 /NDF: 516.3/34

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 $\pm$ 0.384 χ^2 /NDF: 82.6/15

Left Out: -7.771 $\pm$ 1.105 χ^2 /NDF:0.0/0

Right Out: 0.416 $\pm$ 0.400 χ^2 /NDF: 95.8/17

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

Left: -7.771 $\pm$ 1.105 χ^2 /NDF: 0.0/0

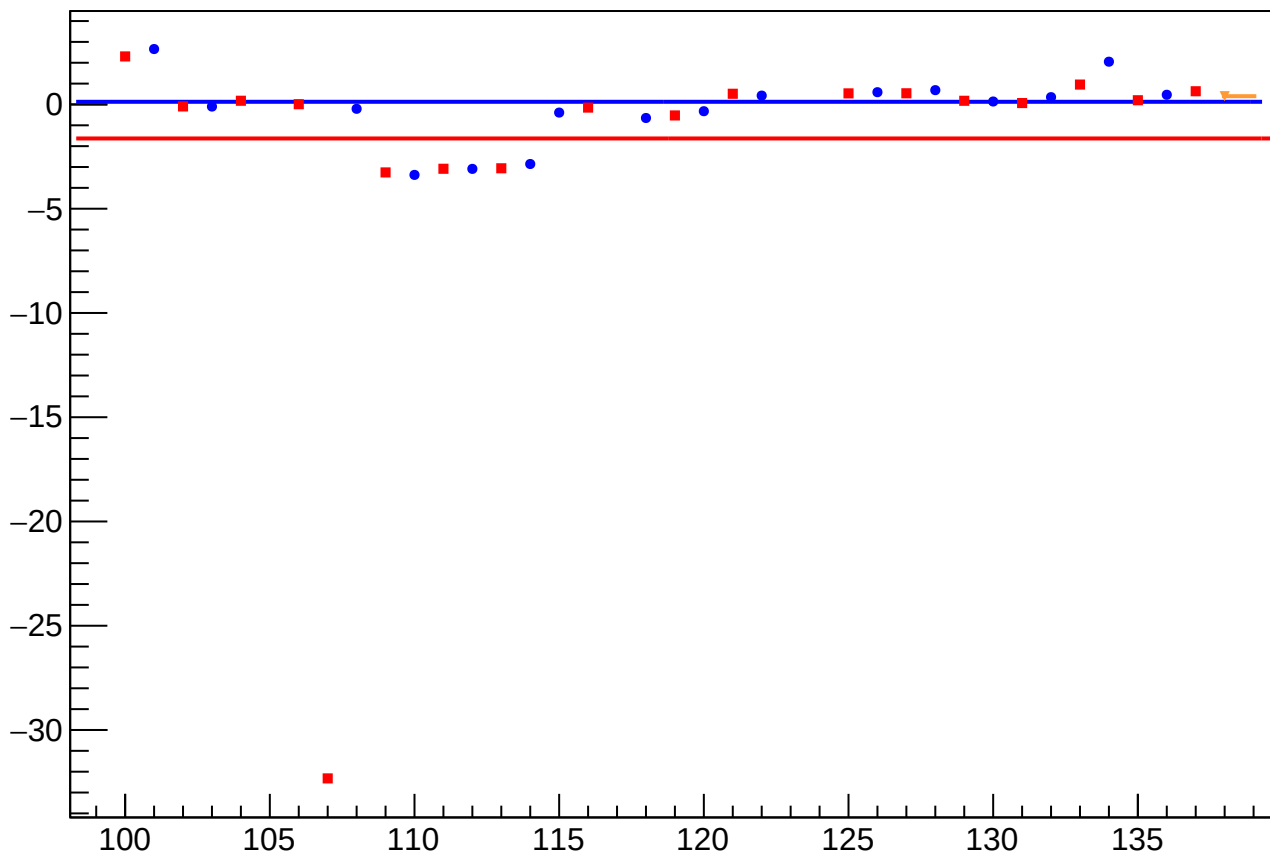
Right: -0.111 $\pm$ 0.277 χ^2 /NDF: 181.7/33

In: -0.596 $\pm$ 0.384 χ^2 /NDF:82.6/15

Out: -0.532 $\pm$ 0.376 χ^2 /NDF:144.3/18

All: -0.563 $\pm$ 0.269 χ^2 /NDF: 226.9/34

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 $\pm$ 0.021 χ^2 /NDF: 5252.9/15

Left Out: 0.397 $\pm$ 0.040 χ^2 /NDF:0.0/0

Right Out: -1.631 $\pm$ 0.022 χ^2 /NDF: 77878.6/17

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

Left: 0.397 $\pm$ 0.040 χ^2 /NDF: 0.0/0

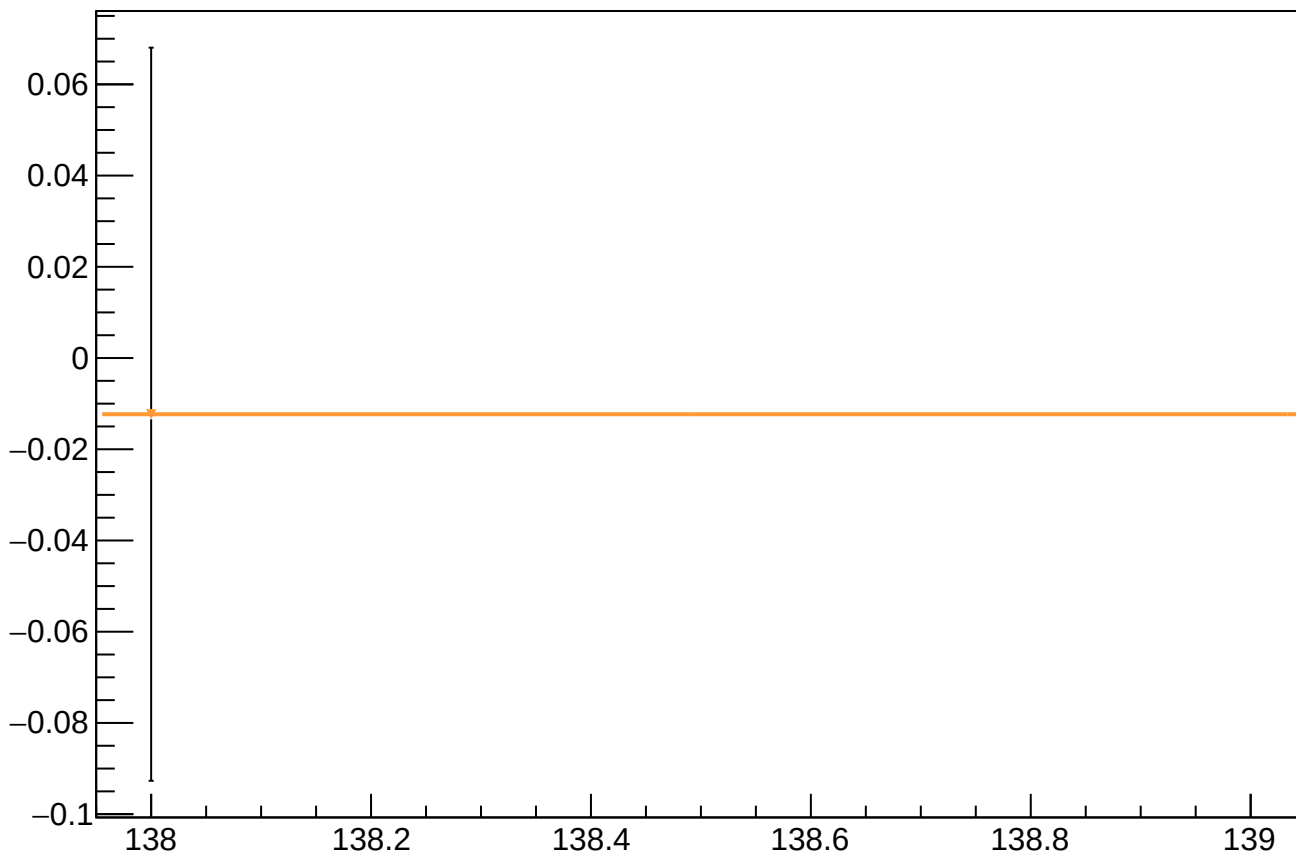
Right: -0.739 $\pm$ 0.015 χ^2 /NDF: 86433.1/33

In: 0.128 $\pm$ 0.021 χ^2 /NDF:5252.9/15

Out: -1.162 $\pm$ 0.019 χ^2 /NDF:79882.0/18

All: -0.592 $\pm$ 0.014 χ^2 /NDF: 87145.2/34

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: -0.012+/-0.080 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: -0.012+/-0.080 χ^2/NDF : 0.0/0

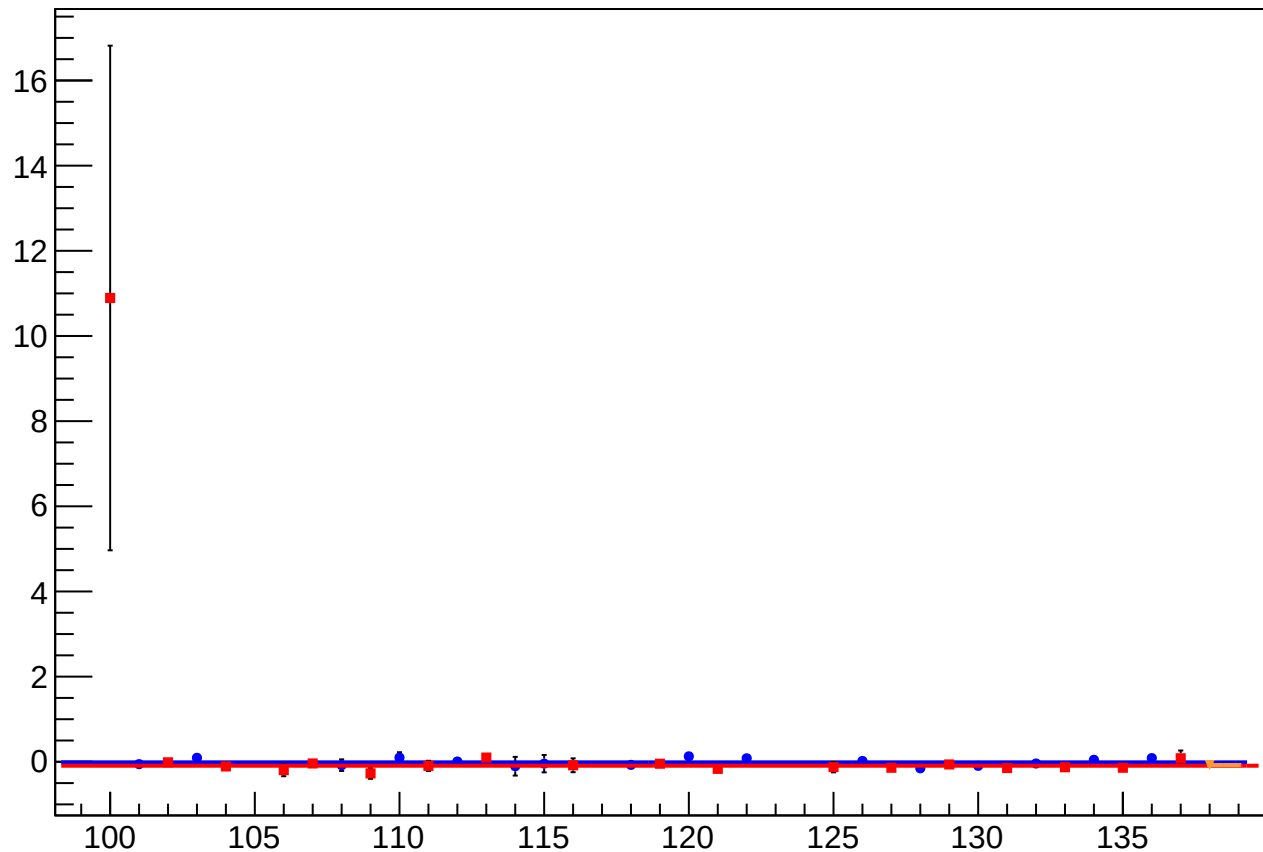
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -0.012+/-0.080 χ^2/NDF : 0.0/0

All: -0.012+/-0.080 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.076 ± 0.086 χ^2/NDF : 0.0/0

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

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

Left: -0.076 ± 0.086 χ^2/NDF : 0.0/0

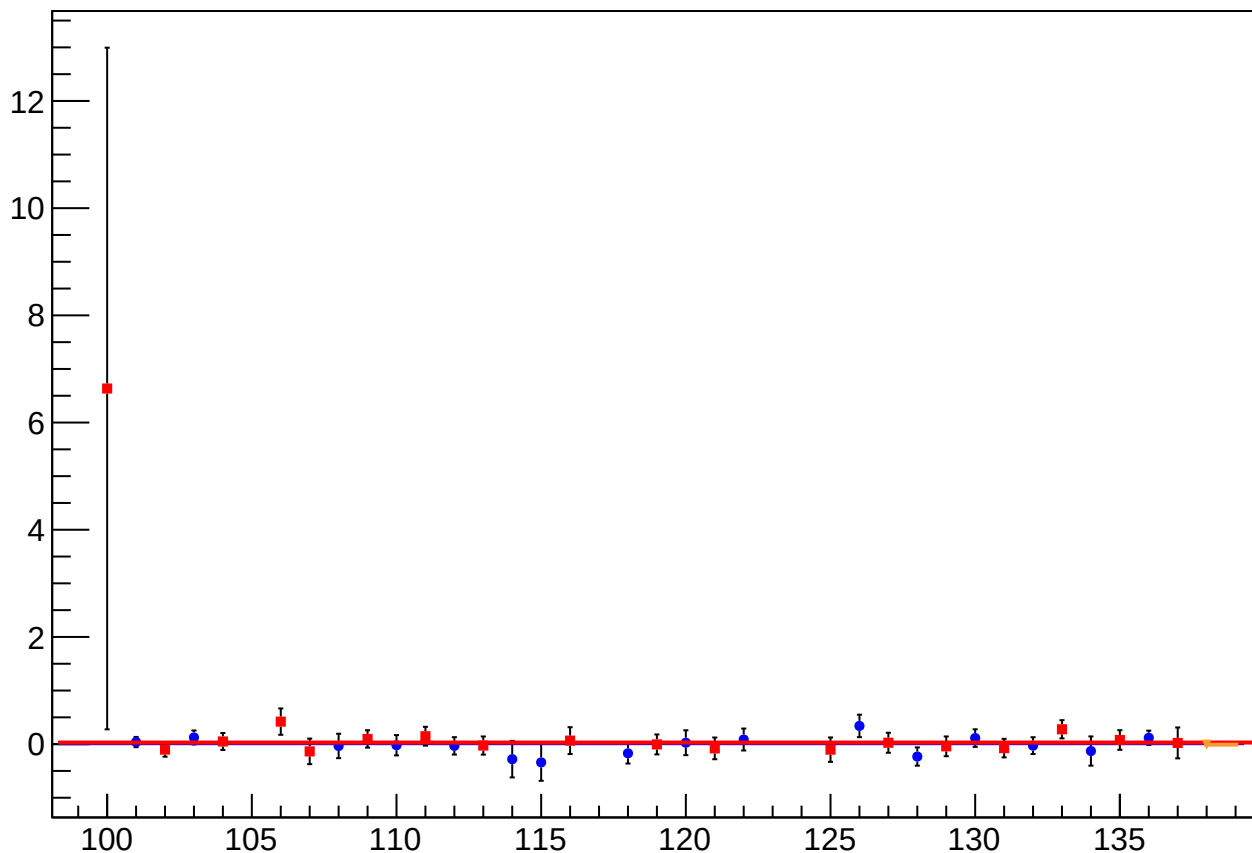
Right: -0.050 ± 0.017 χ^2/NDF : 30.3/33

In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Out: -0.091 ± 0.024 χ^2/NDF : 12.7/18

All: -0.051 ± 0.017 χ^2/NDF : 30.4/34

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF : 9.6/15

Left Out: -0.010+/-0.087 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.045 χ^2/NDF : 9.2/17

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

Left: -0.010+/-0.087 χ^2/NDF : 0.0/0

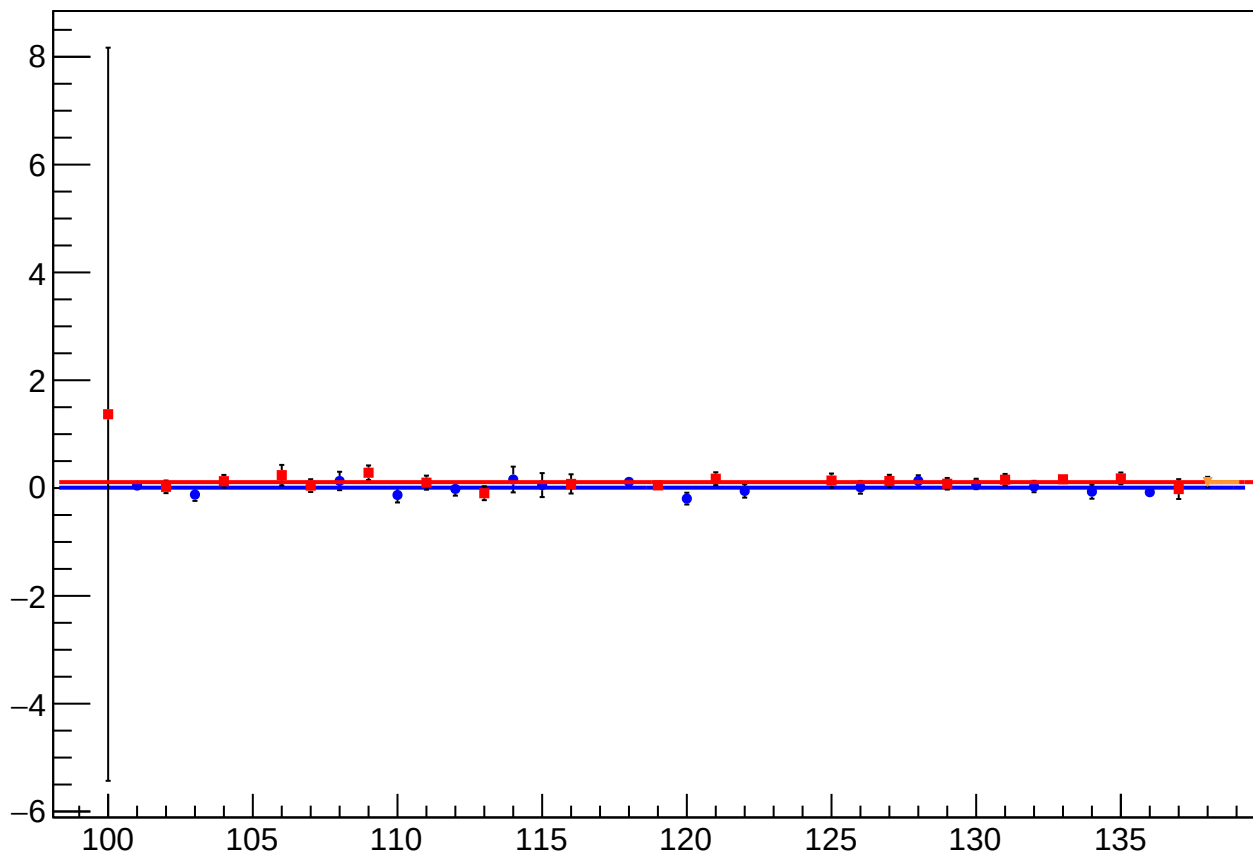
Right: 0.023+/-0.031 χ^2/NDF : 18.9/33

In: 0.017+/-0.043 χ^2/NDF : 9.6/15

Out: 0.021+/-0.040 χ^2/NDF : 9.4/18

All: 0.020+/-0.029 χ^2/NDF : 19.0/34

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF : 12.1/15

Left Out: 0.111+/-0.097 χ^2/NDF : 0.0/0

Right Out: 0.110+/-0.029 χ^2/NDF : 8.0/17

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

Left: 0.111+/-0.097 χ^2/NDF : 0.0/0

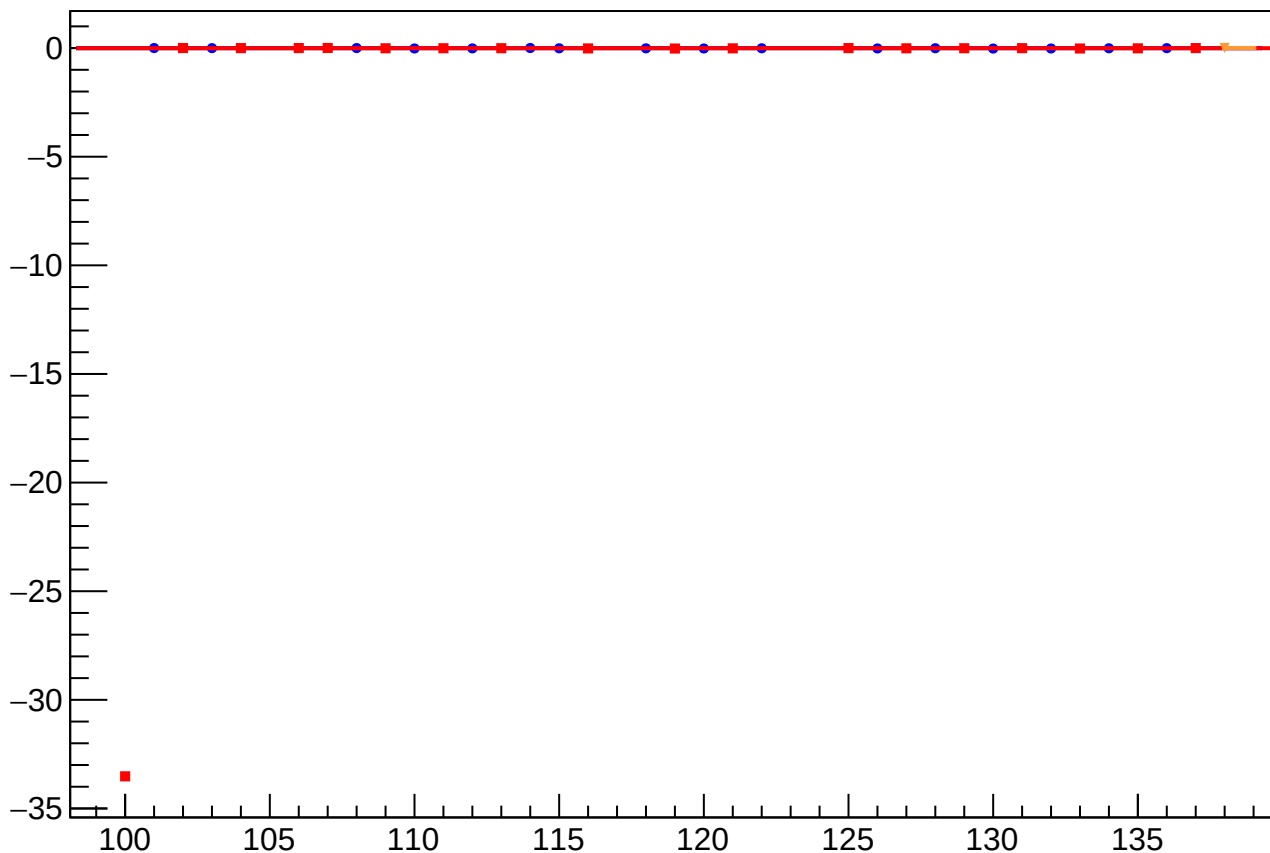
Right: 0.055+/-0.020 χ^2/NDF : 27.0/33

In: 0.007+/-0.027 χ^2/NDF : 12.1/15

Out: 0.110+/-0.027 χ^2/NDF : 8.0/18

All: 0.057+/-0.019 χ^2/NDF : 27.3/34

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: 0.005 $\pm$ 0.003 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

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

Left: 0.005 $\pm$ 0.003 χ^2 /NDF: 0.0/0

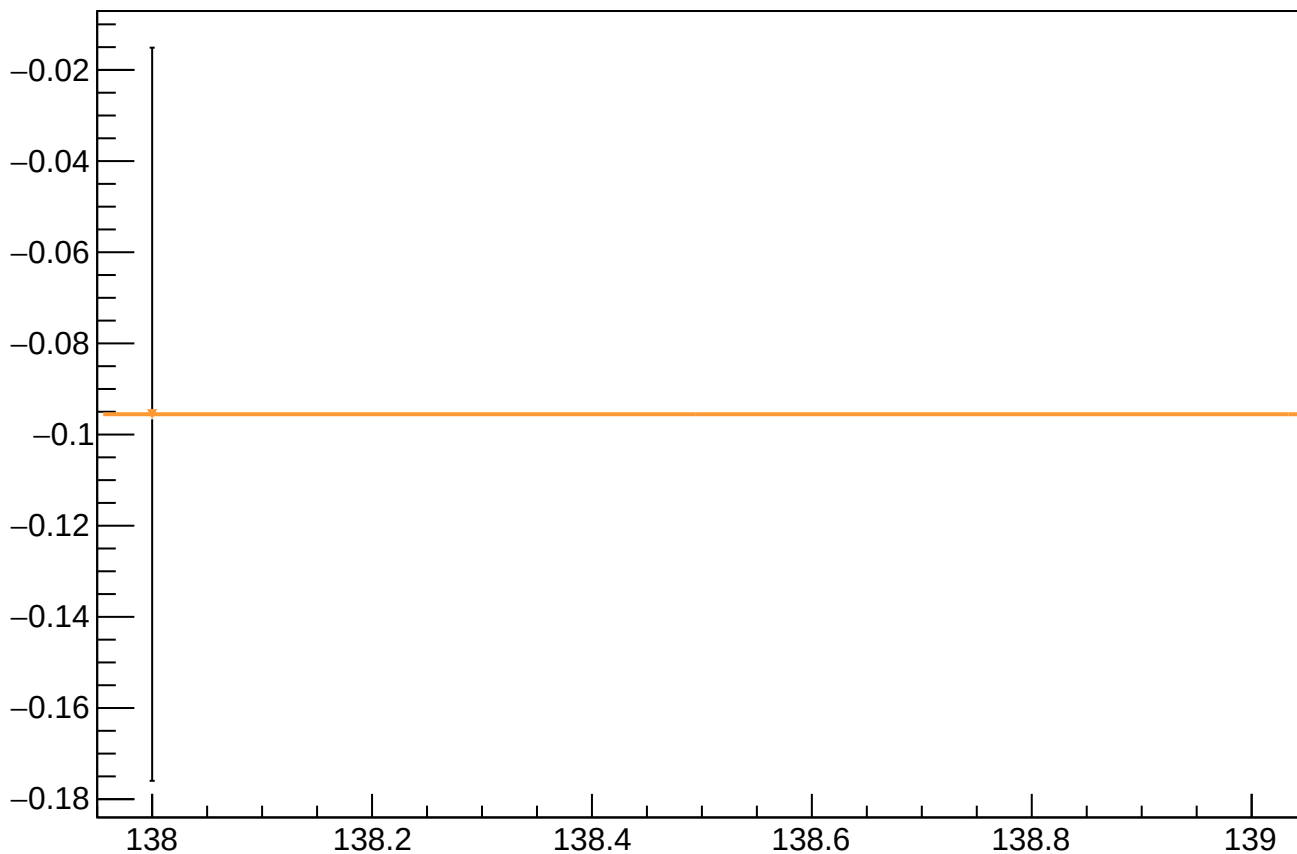
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.6/33

In: -0.005 $\pm$ 0.001 χ^2 /NDF:22.6/15

Out: -0.004 $\pm$ 0.001 χ^2 /NDF:26517.7/18

All: -0.005 $\pm$ 0.001 χ^2 /NDF: 26540.7/34

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.096+/-0.080 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: -0.096+/-0.080 χ^2/NDF : 0.0/0

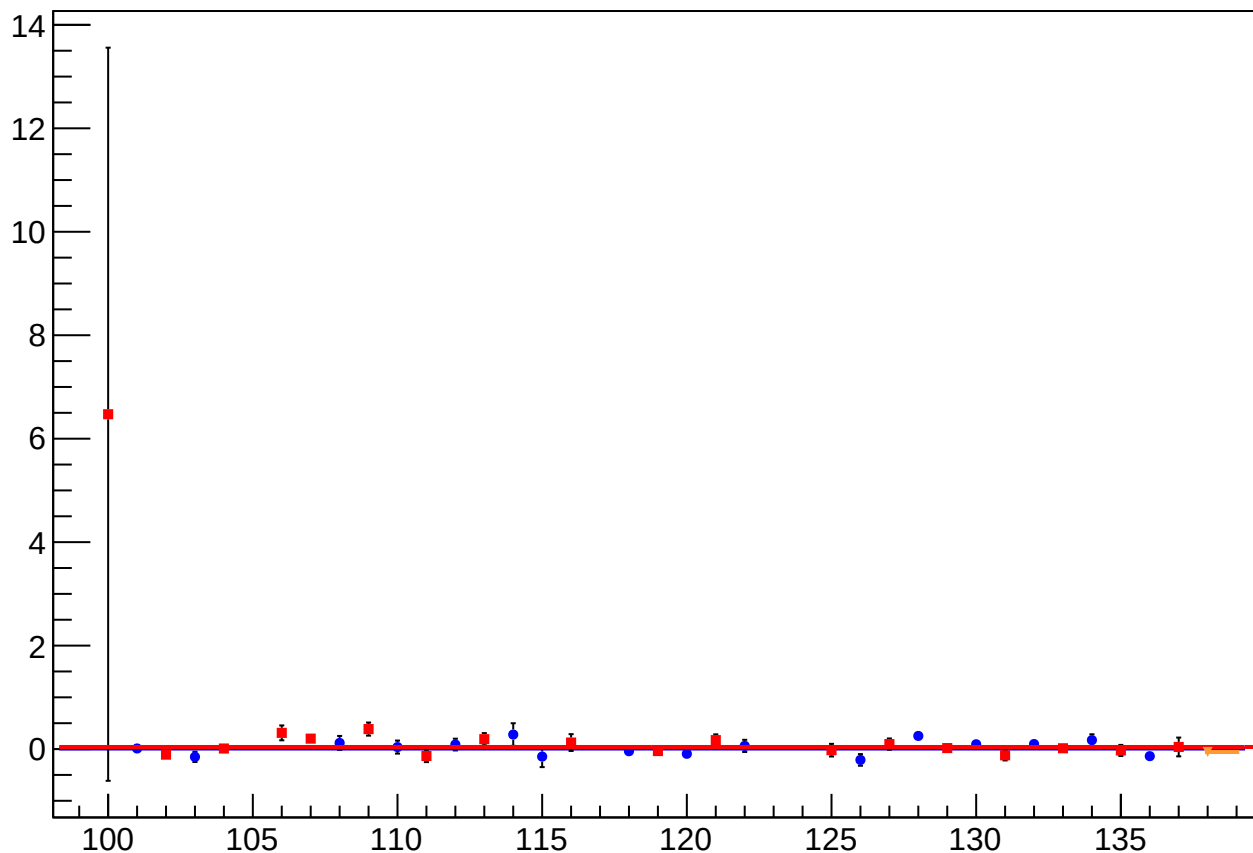
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -0.096+/-0.080 χ^2/NDF : 0.0/0

All: -0.096+/-0.080 χ^2/NDF : 0.0/0

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: -0.056+/-0.086 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.025 χ^2/NDF : 27.9/17

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

Left: -0.056+/-0.086 χ^2/NDF : 0.0/0

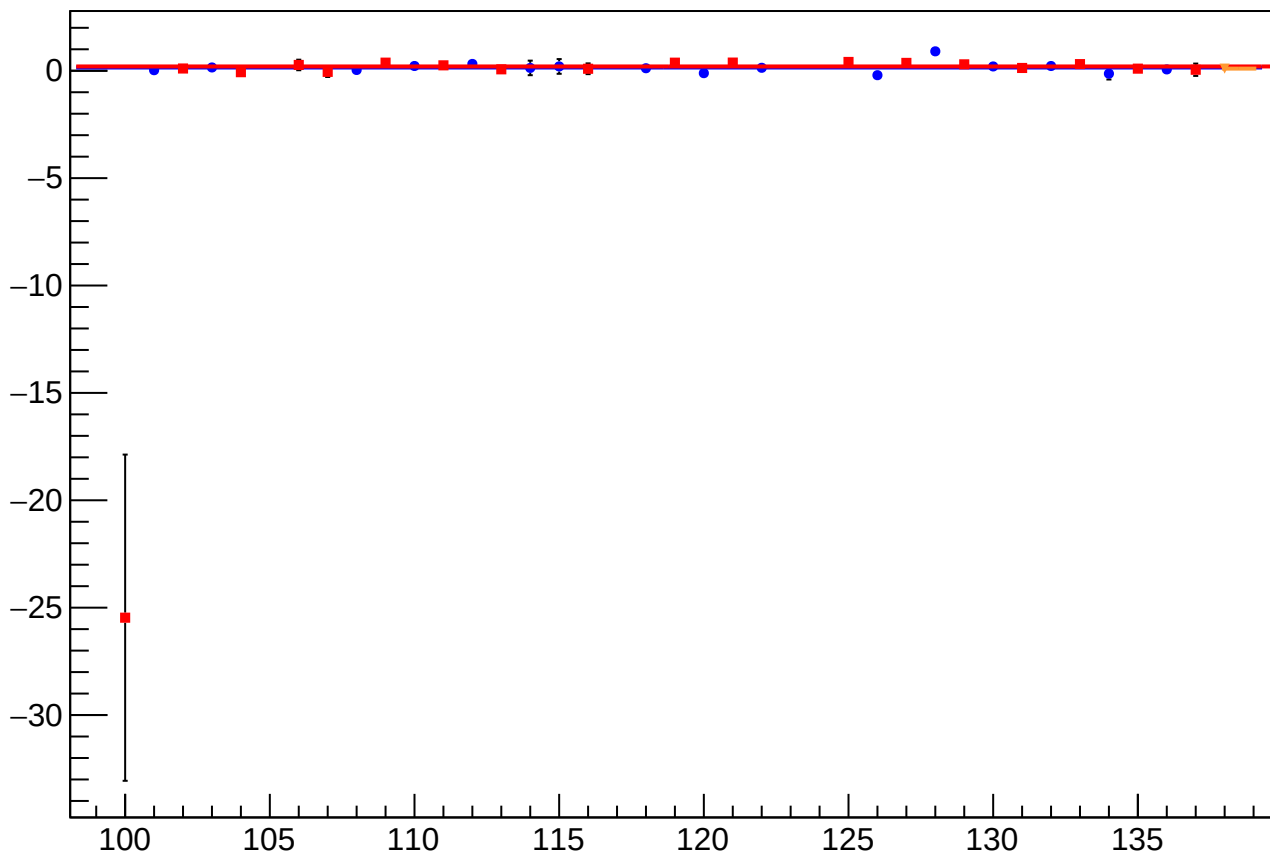
Right: 0.024+/-0.017 χ^2/NDF : 54.1/33

In: 0.010+/-0.023 χ^2/NDF : 25.4/15

Out: 0.033+/-0.024 χ^2/NDF : 29.1/18

All: 0.021+/-0.017 χ^2/NDF : 55.0/34

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.100 $\pm$ 0.087 χ^2 /NDF:0.0/0

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

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

Left: 0.100 $\pm$ 0.087 χ^2 /NDF: 0.0/0

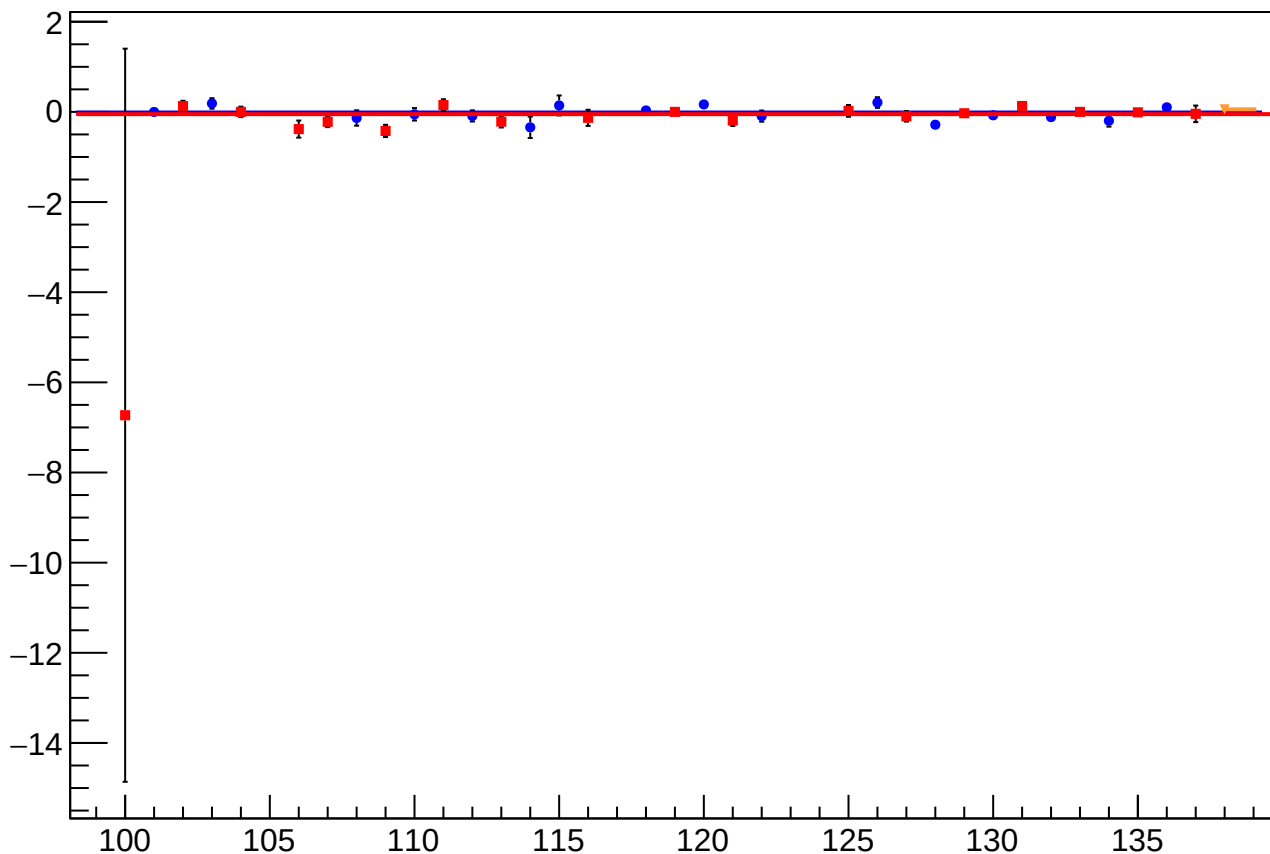
Right: 0.175 $\pm$ 0.031 χ^2 /NDF: 52.2/33

In: 0.152 $\pm$ 0.043 χ^2 /NDF:28.7/15

Out: 0.179 $\pm$ 0.040 χ^2 /NDF:23.9/18

All: 0.167 $\pm$ 0.029 χ^2 /NDF: 52.9/34

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.027 χ^2 /NDF: 25.2/15

Left Out: 0.057 $\pm$ 0.097 χ^2 /NDF:0.0/0

Right Out: -0.050 $\pm$ 0.029 χ^2 /NDF: 25.7/17

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

Left: 0.057 $\pm$ 0.097 χ^2 /NDF: 0.0/0

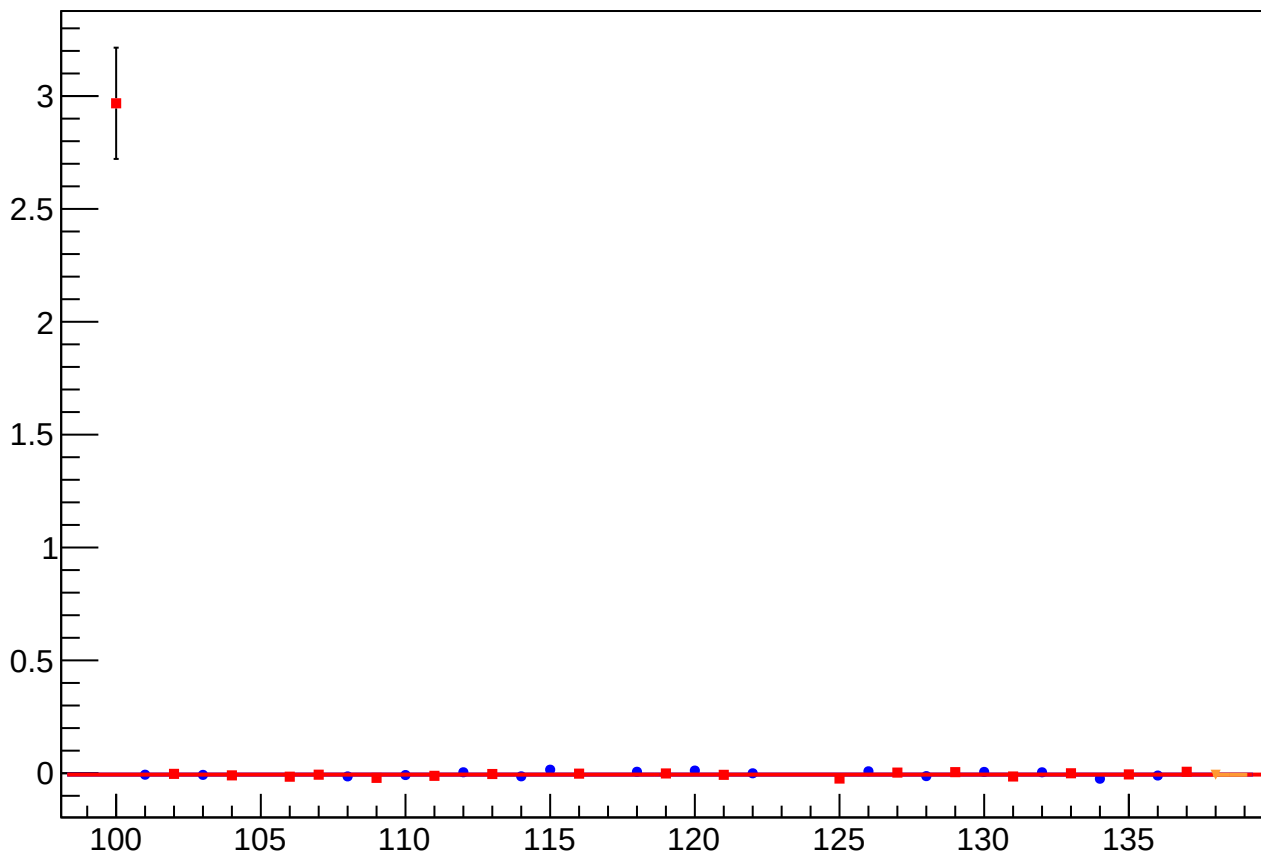
Right: -0.031 $\pm$ 0.020 χ^2 /NDF: 51.8/33

In: -0.014 $\pm$ 0.027 χ^2 /NDF:25.2/15

Out: -0.041 $\pm$ 0.027 χ^2 /NDF:26.9/18

All: -0.027 $\pm$ 0.019 χ^2 /NDF: 52.5/34

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: -0.007+/-0.003 χ^2 /NDF:0.0/0

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: -0.007+/-0.003 χ^2 /NDF: 0.0/0

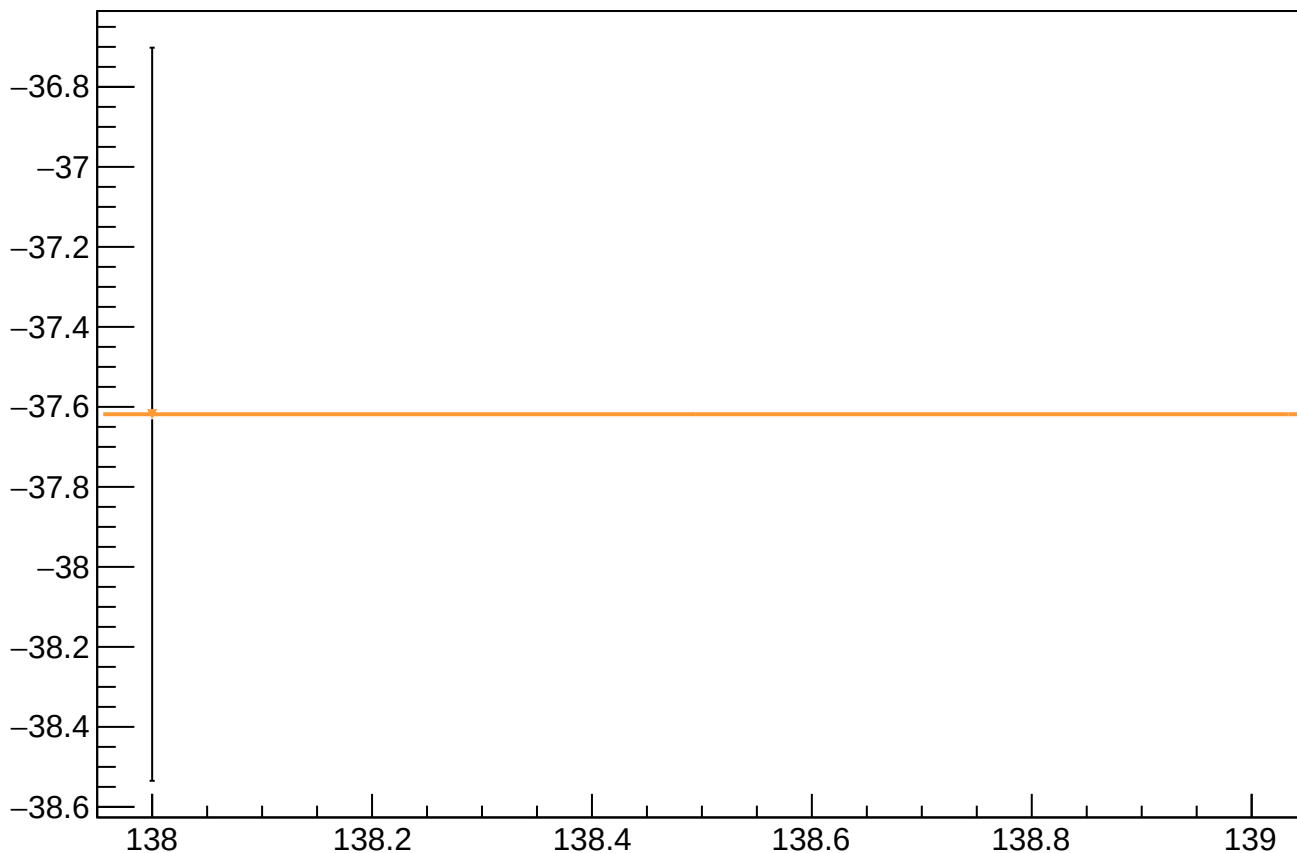
Right: -0.006+/-0.001 χ^2 /NDF: 194.8/33

In: -0.006+/-0.001 χ^2 /NDF:29.0/15

Out: -0.006+/-0.001 χ^2 /NDF:165.9/18

All: -0.006+/-0.001 χ^2 /NDF: 194.9/34

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: -37.618+/-0.916 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: -37.618+/-0.916 χ^2/NDF : 0.0/0

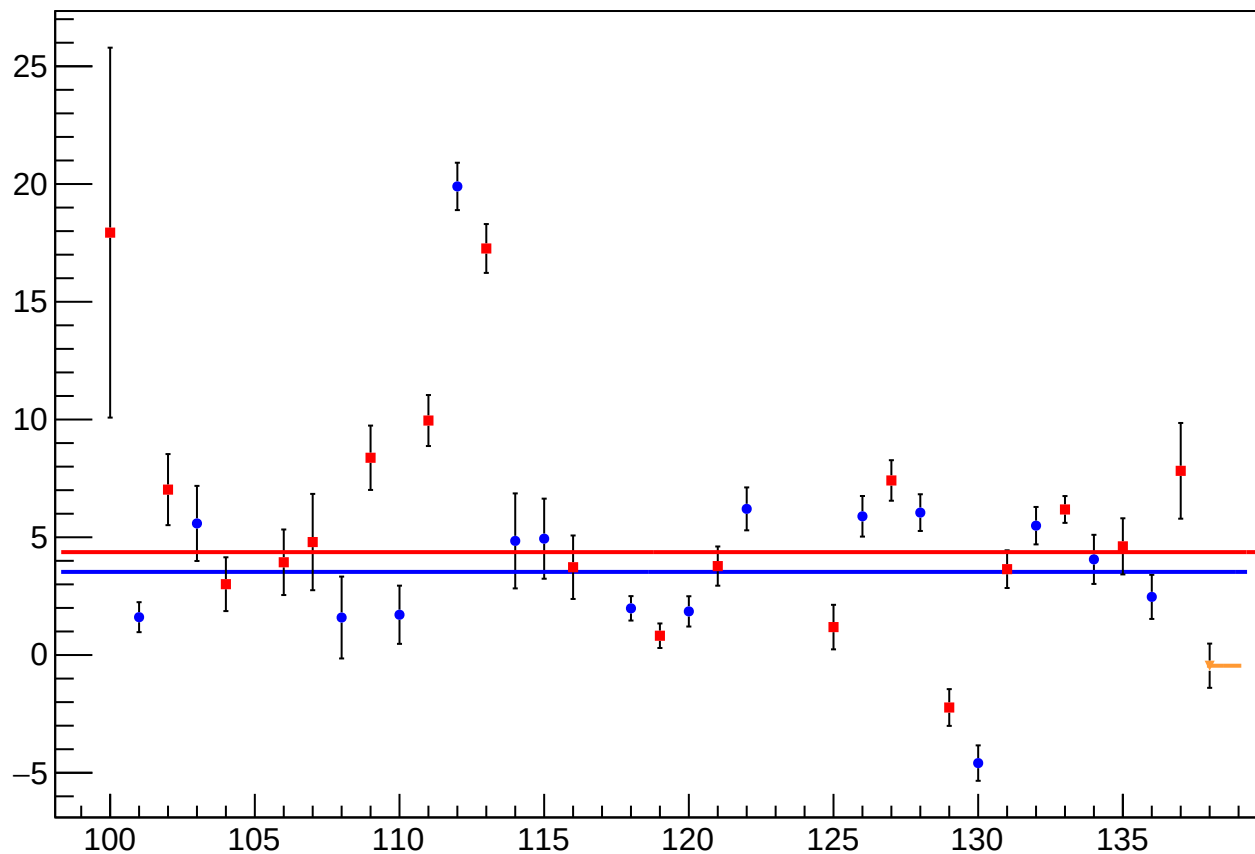
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -37.618+/-0.916 χ^2/NDF : 0.0/0

All: -37.618+/-0.916 χ^2/NDF : 0.0/0

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: -0.454 $\pm$ 0.939 χ^2 /NDF:0.0/0

Right Out: 4.370 $\pm$ 0.225 χ^2 /NDF: 353.8/17

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

Left: -0.454 $\pm$ 0.939 χ^2 /NDF: 0.0/0

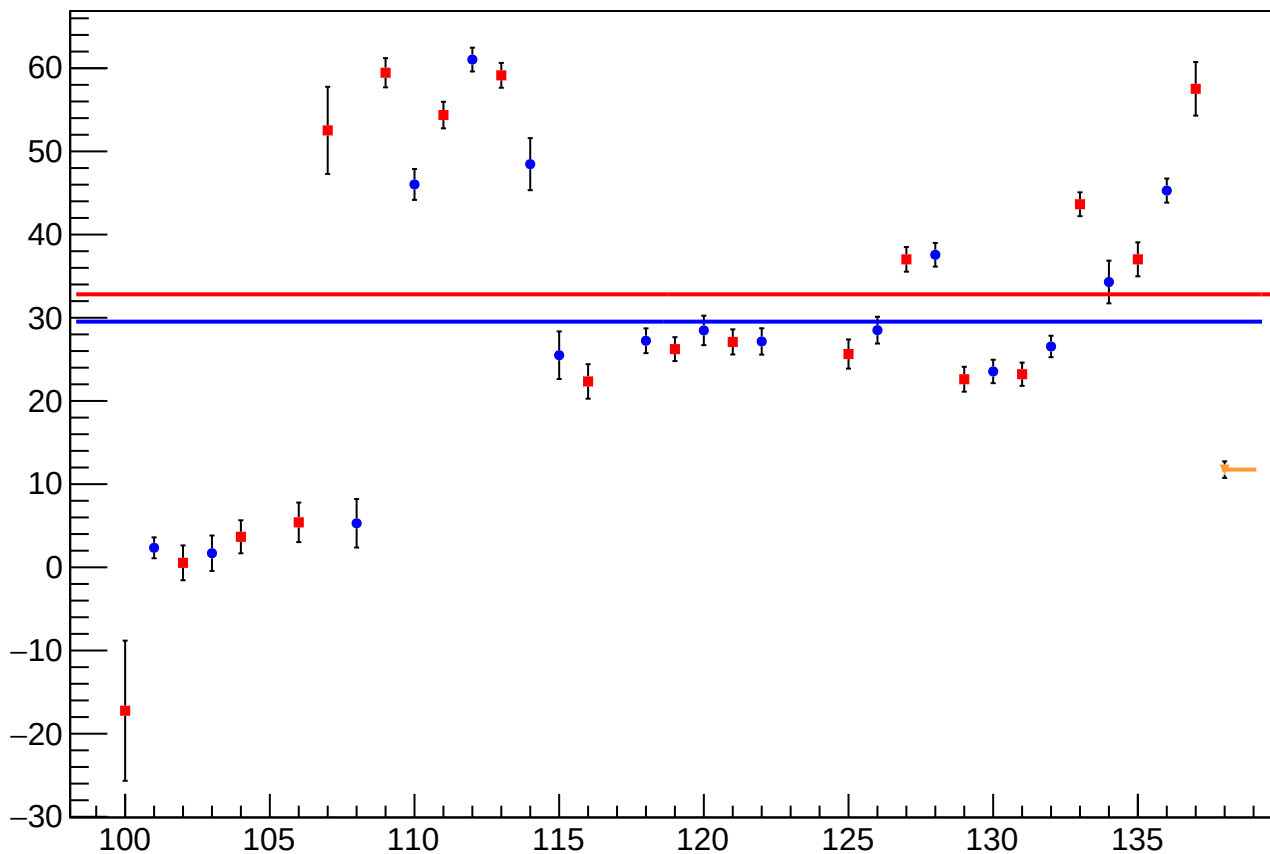
Right: 3.934 $\pm$ 0.156 χ^2 /NDF: 807.6/33

In: 3.530 $\pm$ 0.217 χ^2 /NDF:446.6/15

Out: 4.107 $\pm$ 0.219 χ^2 /NDF:378.8/18

All: 3.816 $\pm$ 0.154 χ^2 /NDF: 828.8/34

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535 $\pm$ 0.417 χ^2 /NDF: 1494.9/15

Left Out: 11.746 $\pm$ 0.994 χ^2 /NDF:0.0/0

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

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

Left: 11.746 $\pm$ 0.994 χ^2 /NDF: 0.0/0

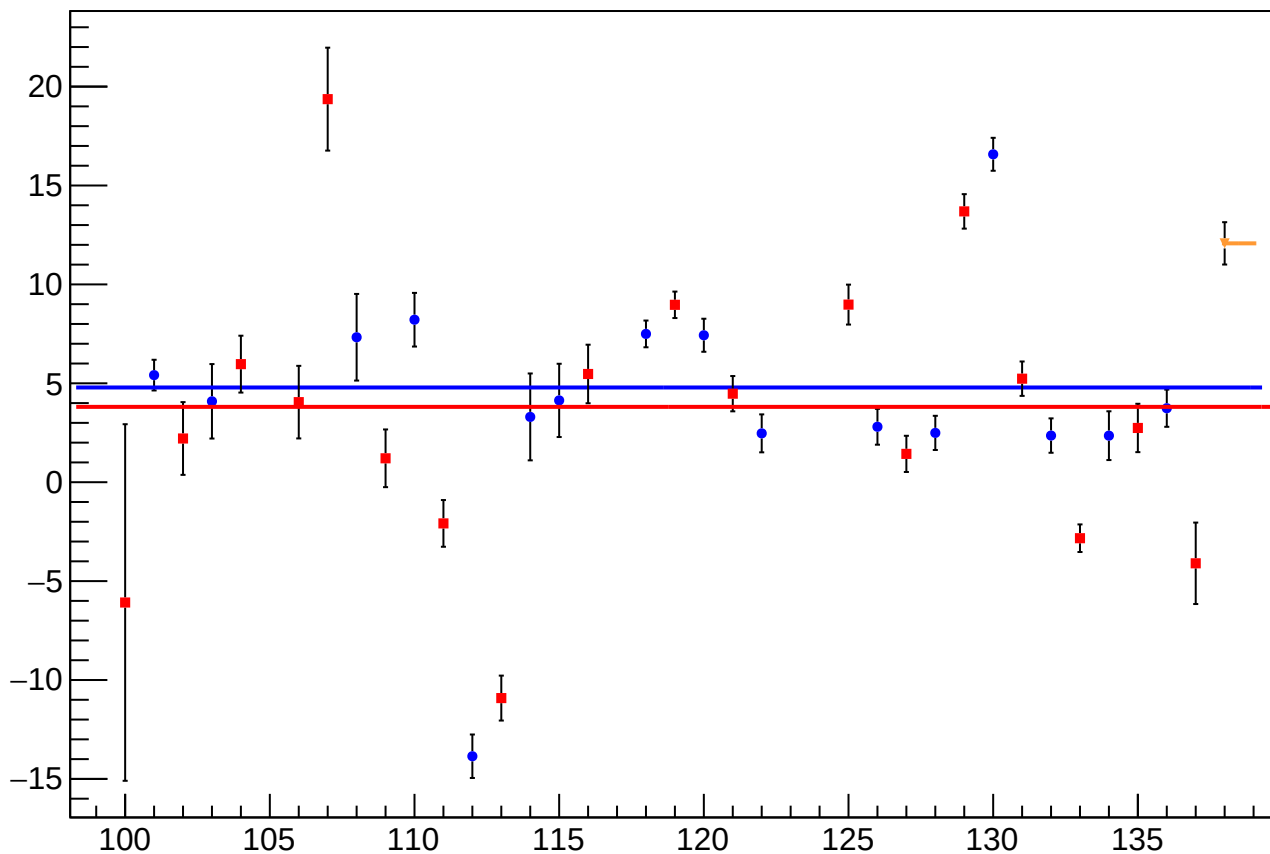
Right: 31.152 $\pm$ 0.297 χ^2 /NDF: 3184.7/33

In: 29.535 $\pm$ 0.417 χ^2 /NDF:1494.9/15

Out: 29.585 $\pm$ 0.389 χ^2 /NDF:2040.0/18

All: 29.562 $\pm$ 0.284 χ^2 /NDF: 3534.9/34

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: 12.075 $\pm$ 1.070 χ^2 /NDF:0.0/0

Right Out: 3.809 $\pm$ 0.259 χ^2 /NDF: 567.6/17

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

Left: 12.075 $\pm$ 1.070 χ^2 /NDF: 0.0/0

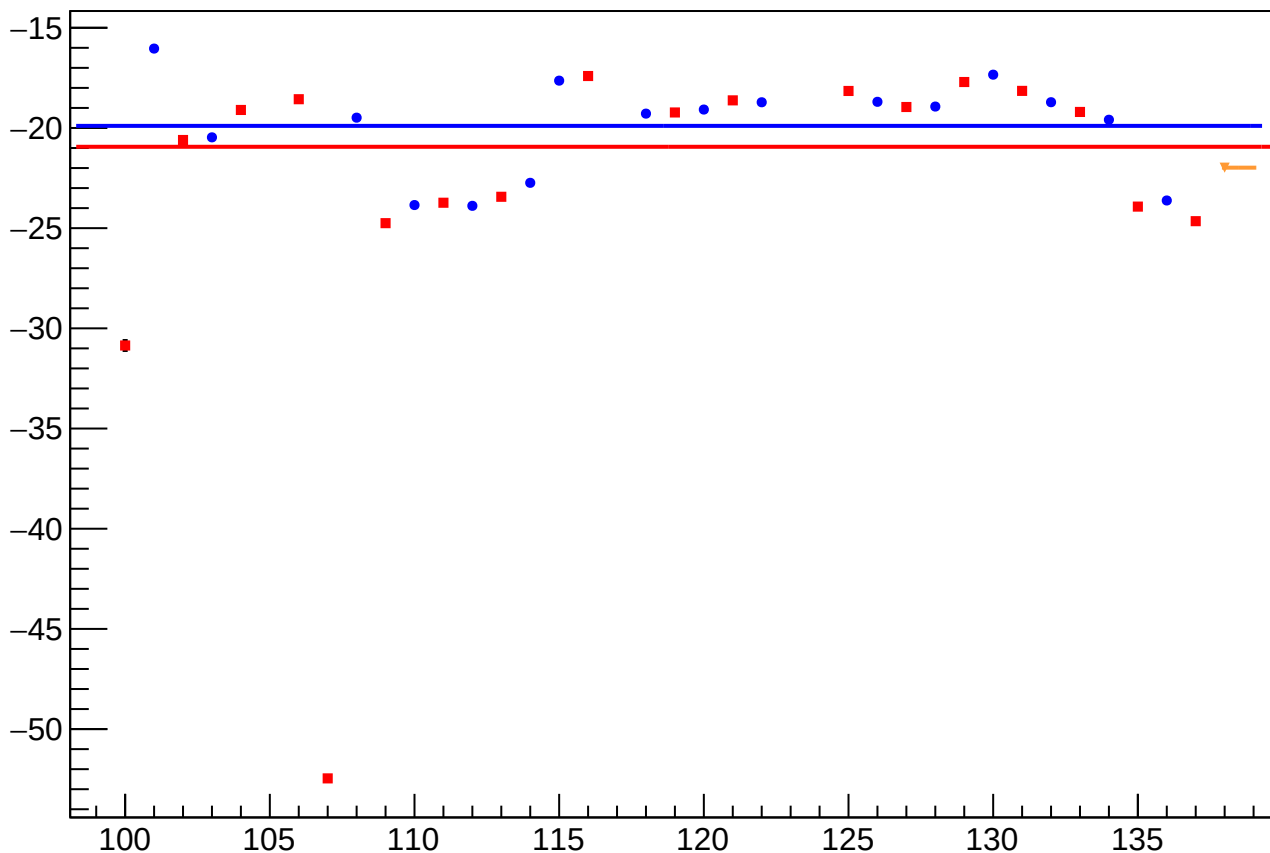
Right: 4.313 $\pm$ 0.180 χ^2 /NDF: 1128.9/33

In: 4.789 $\pm$ 0.251 χ^2 /NDF:553.9/15

Out: 4.266 $\pm$ 0.252 χ^2 /NDF:623.9/18

All: 4.528 $\pm$ 0.178 χ^2 /NDF: 1180.0/34

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: -21.981+/-0.039 χ^2/NDF : 0.0/0

Right Out: -20.938+/-0.016 χ^2/NDF : 94065.2/17

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

Left: -21.981+/-0.039 χ^2/NDF : 0.0/0

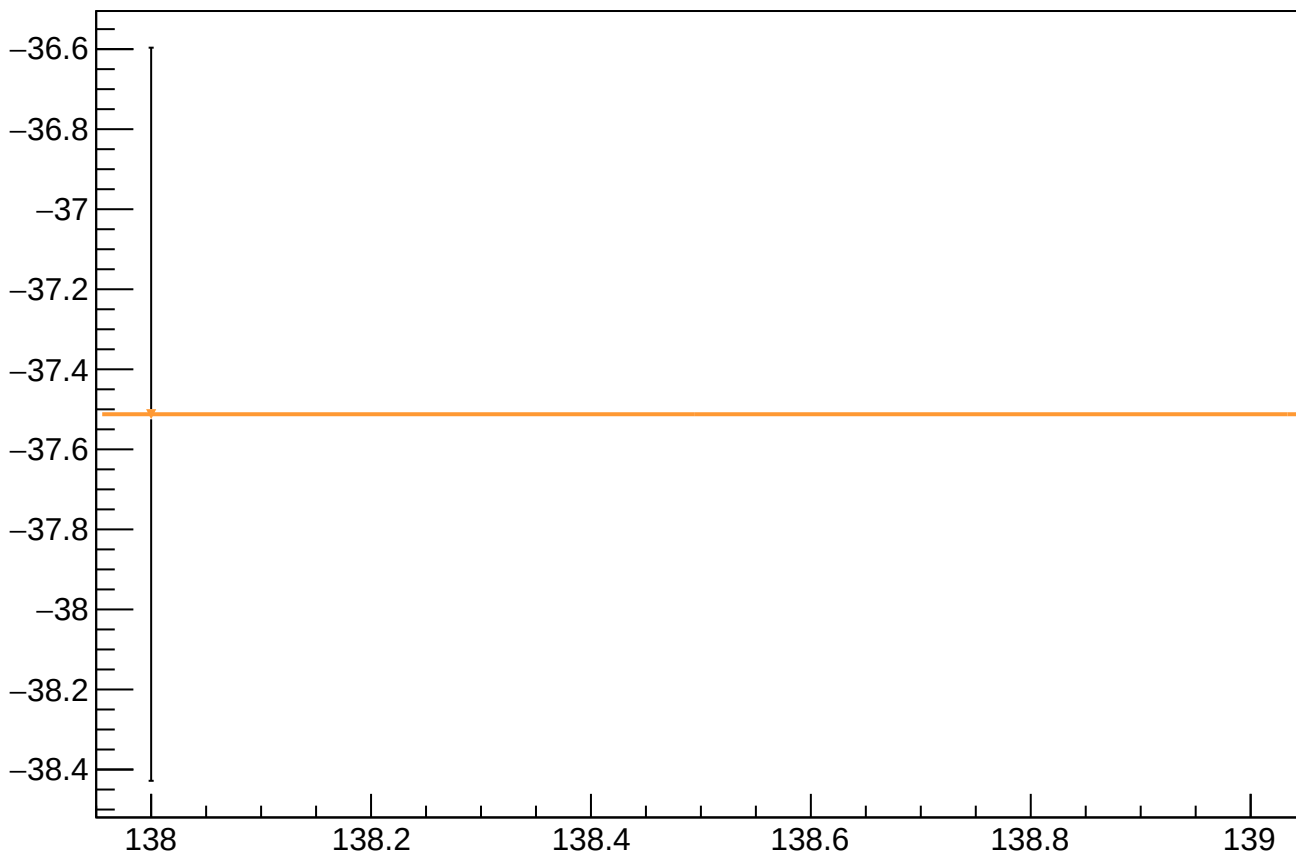
Right: -20.412+/-0.011 χ^2/NDF : 122364.1/33

In: -19.895+/-0.016 χ^2/NDF : 26073.6/15

Out: -21.083+/-0.015 χ^2/NDF : 94677.1/18

All: -20.528+/-0.011 χ^2/NDF : 123854.7/34

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: -37.512+/-0.916 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: -37.512+/-0.916 χ^2/NDF : 0.0/0

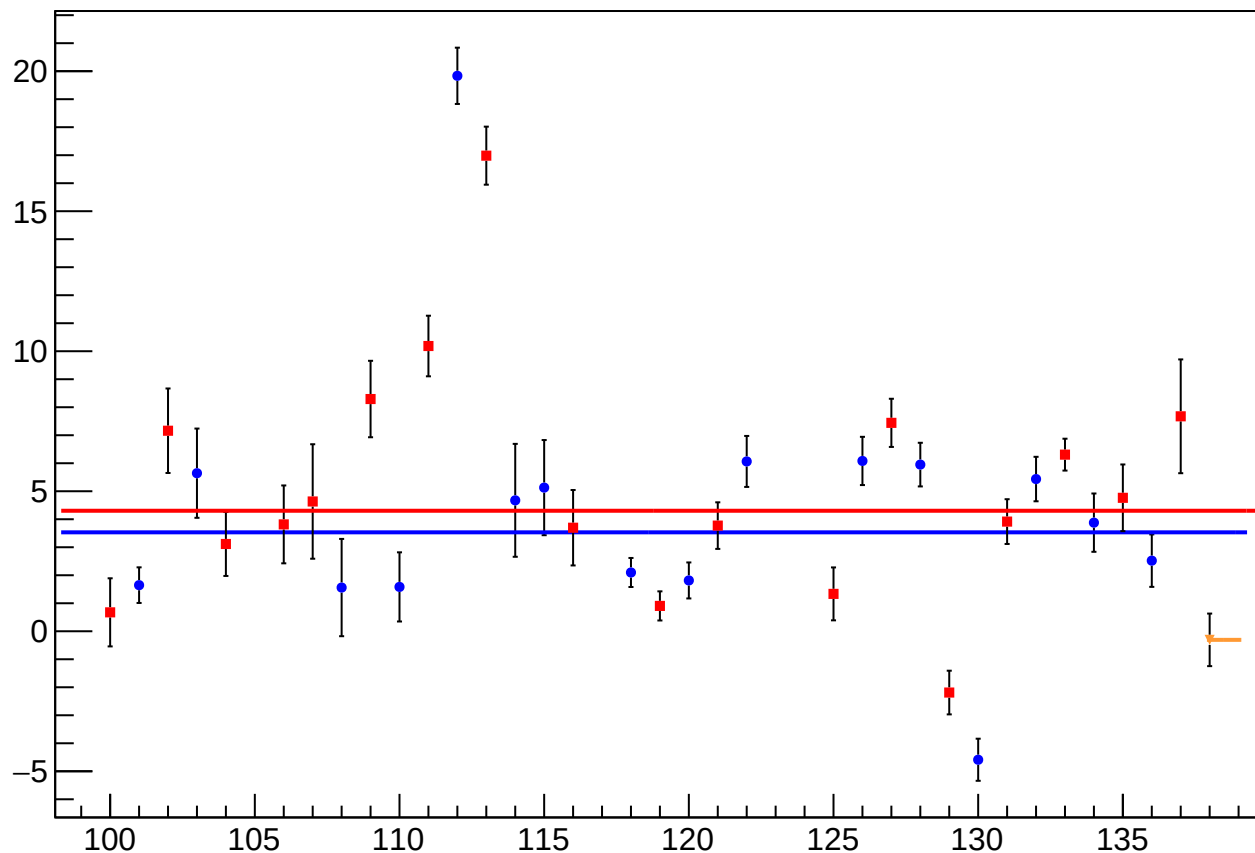
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -37.512+/-0.916 χ^2/NDF : 0.0/0

All: -37.512+/-0.916 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 $\pm$ 0.217 χ^2 /NDF: 443.2/15

Left Out: -0.307 $\pm$ 0.939 χ^2 /NDF:0.0/0

Right Out: 4.303 $\pm$ 0.222 χ^2 /NDF: 352.8/17

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

Left: -0.307 $\pm$ 0.939 χ^2 /NDF: 0.0/0

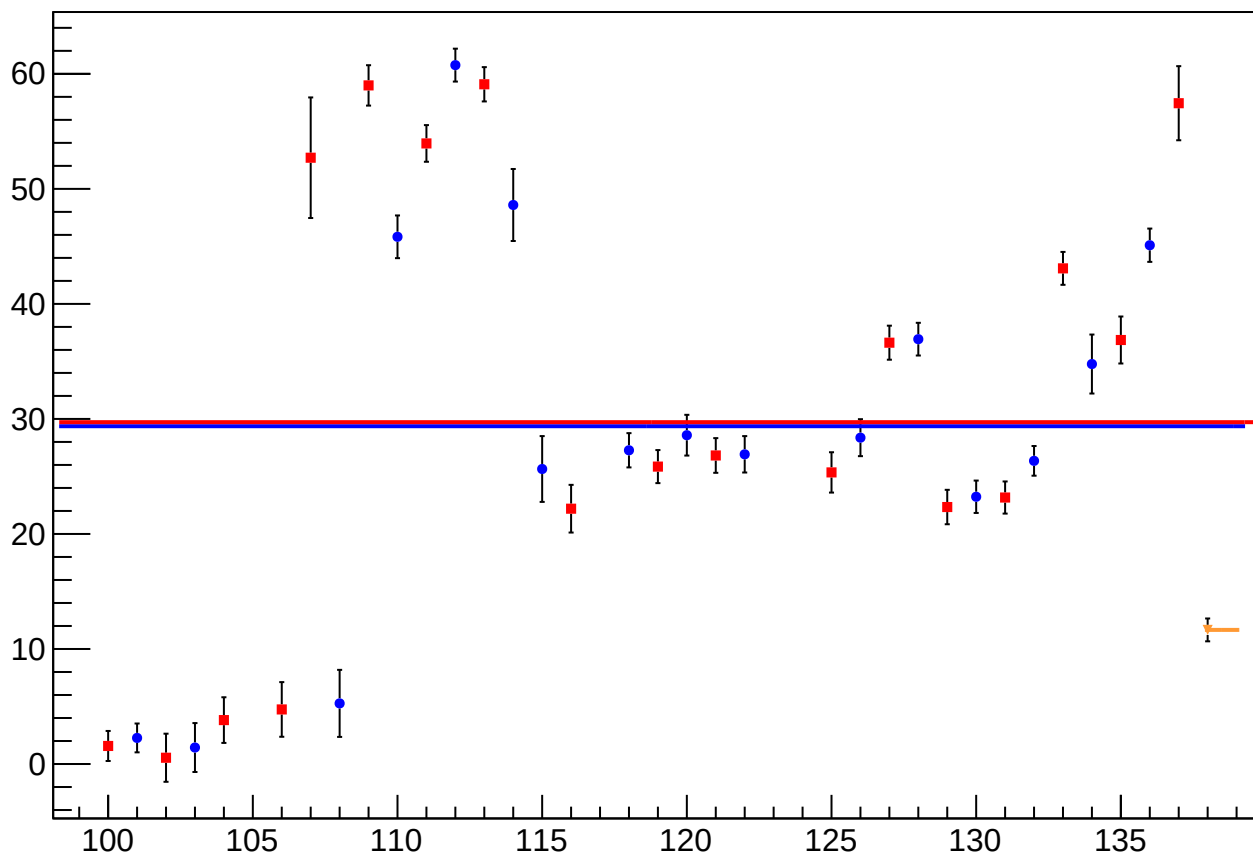
Right: 3.910 $\pm$ 0.155 χ^2 /NDF: 802.2/33

In: 3.532 $\pm$ 0.217 χ^2 /NDF:443.2/15

Out: 4.060 $\pm$ 0.216 χ^2 /NDF:375.6/18

All: 3.798 $\pm$ 0.153 χ^2 /NDF: 821.9/34

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367+/-0.416 χ^2/NDF : 1488.7/15

Left Out: 11.659+/-0.993 χ^2/NDF : 0.0/0

Right Out: 29.719+/-0.402 χ^2/NDF : 2129.5/17

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

Left: 11.659+/-0.993 χ^2/NDF : 0.0/0

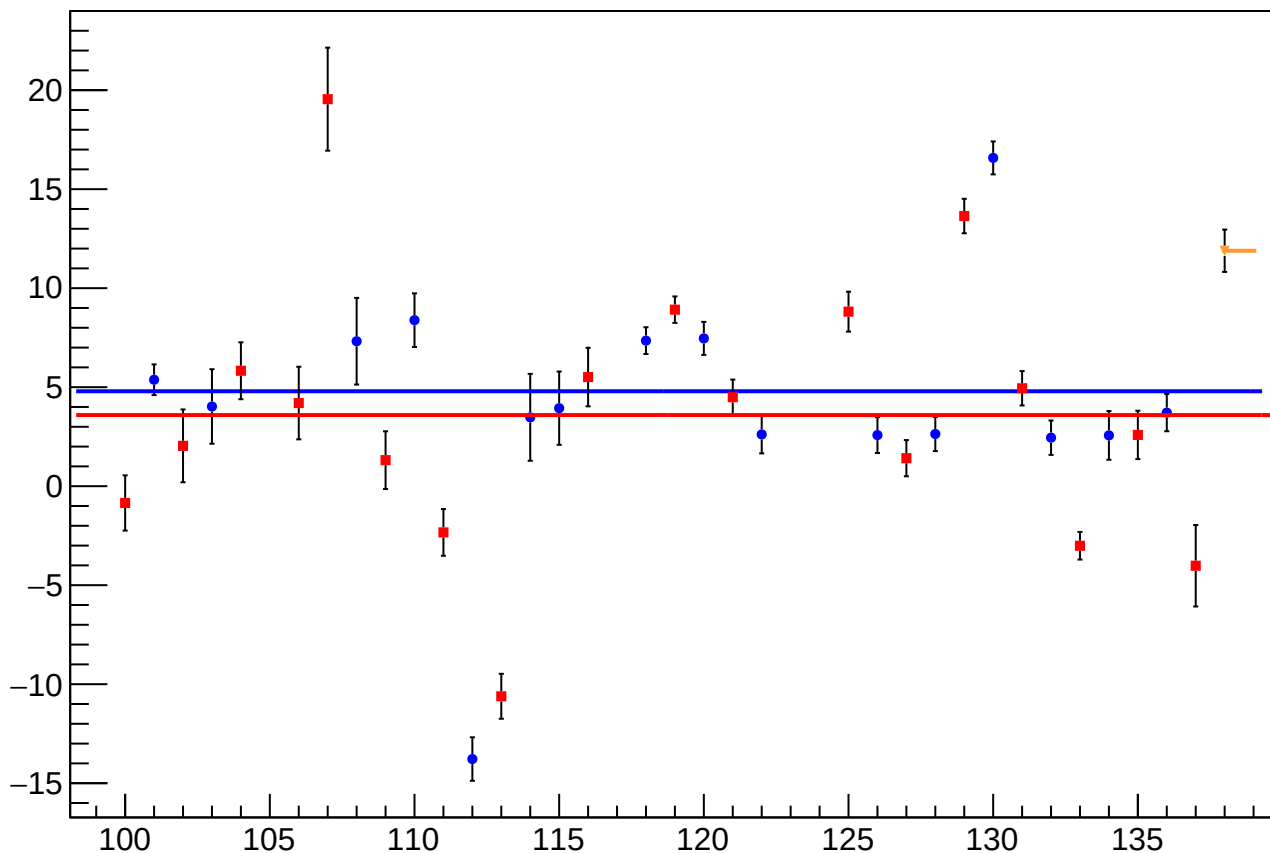
Right: 29.549+/-0.289 χ^2/NDF : 3618.6/33

In: 29.367+/-0.416 χ^2/NDF : 1488.7/15

Out: 27.171+/-0.373 χ^2/NDF : 2413.6/18

All: 28.148+/-0.278 χ^2/NDF : 3917.7/34

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 $\pm$ 0.251 χ^2 /NDF: 550.0/15

Left Out: 11.890 $\pm$ 1.070 χ^2 /NDF:0.0/0

Right Out: 3.591 $\pm$ 0.254 χ^2 /NDF: 573.3/17

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

Left: 11.890 $\pm$ 1.070 χ^2 /NDF: 0.0/0

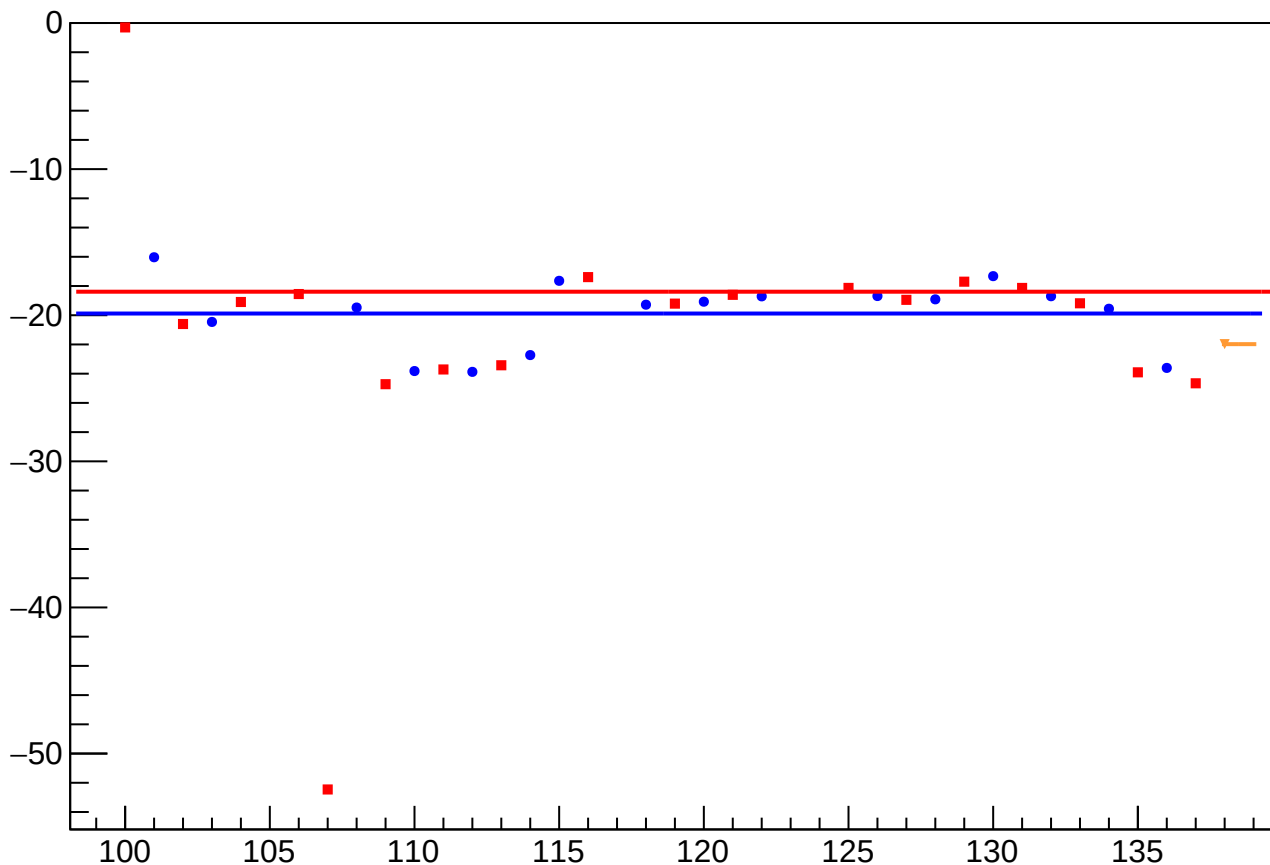
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1134.6/33

In: 4.794 $\pm$ 0.251 χ^2 /NDF:550.0/15

Out: 4.036 $\pm$ 0.248 χ^2 /NDF:630.3/18

All: 4.409 $\pm$ 0.176 χ^2 /NDF: 1184.9/34

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 $\pm$ 0.016 χ^2 /NDF: 26063.5/15

Left Out: -21.979 $\pm$ 0.039 χ^2 /NDF:0.0/0

Right Out: -18.390 $\pm$ 0.015 χ^2 /NDF: 301247.7/17

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

Left: -21.979 $\pm$ 0.039 χ^2 /NDF: 0.0/0

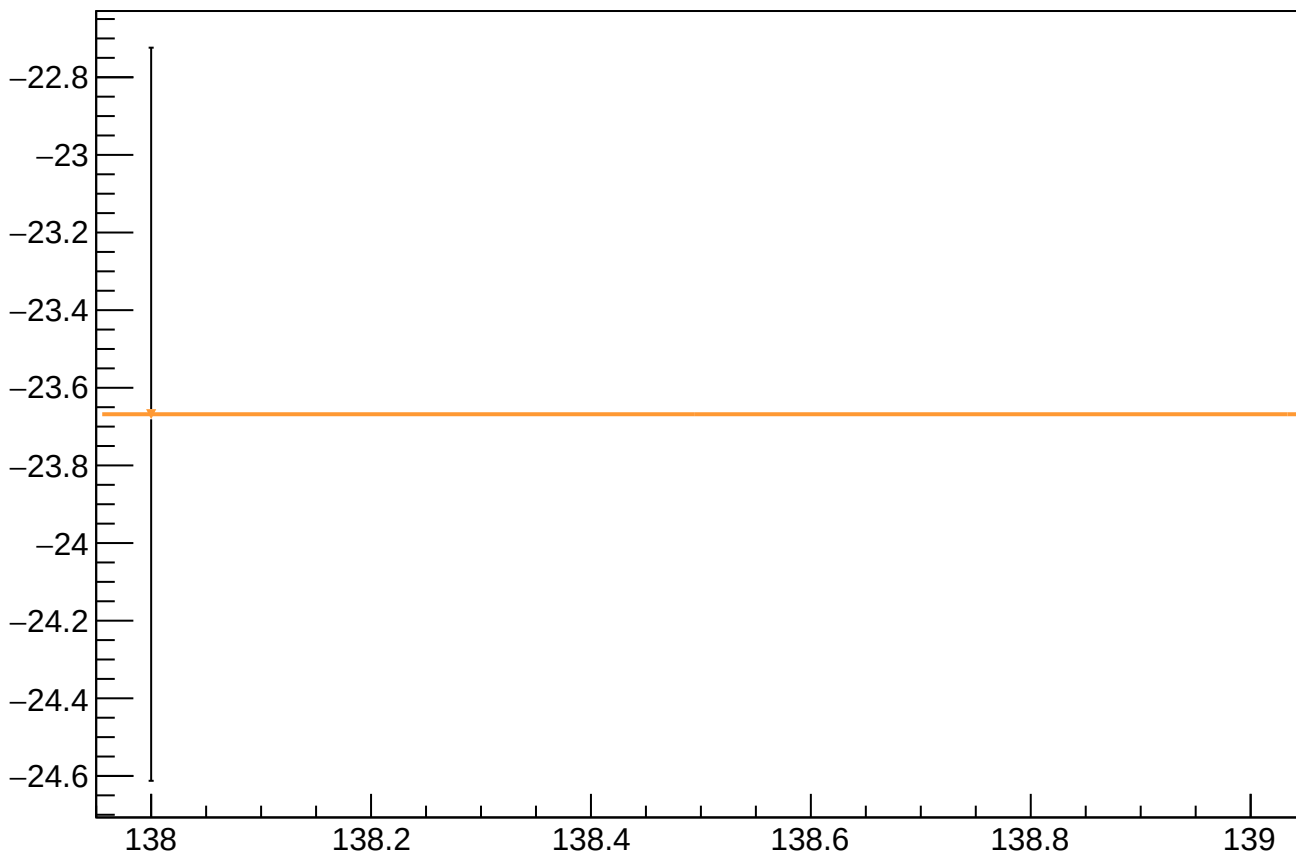
Right: -19.096 $\pm$ 0.011 χ^2 /NDF: 332167.8/33

In: -19.883 $\pm$ 0.016 χ^2 /NDF:26063.5/15

Out: -18.837 $\pm$ 0.014 χ^2 /NDF:308635.7/18

All: -19.297 $\pm$ 0.010 χ^2 /NDF: 337232.5/34

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: -23.668+/-0.944 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: -23.668+/-0.944 χ^2/NDF : 0.0/0

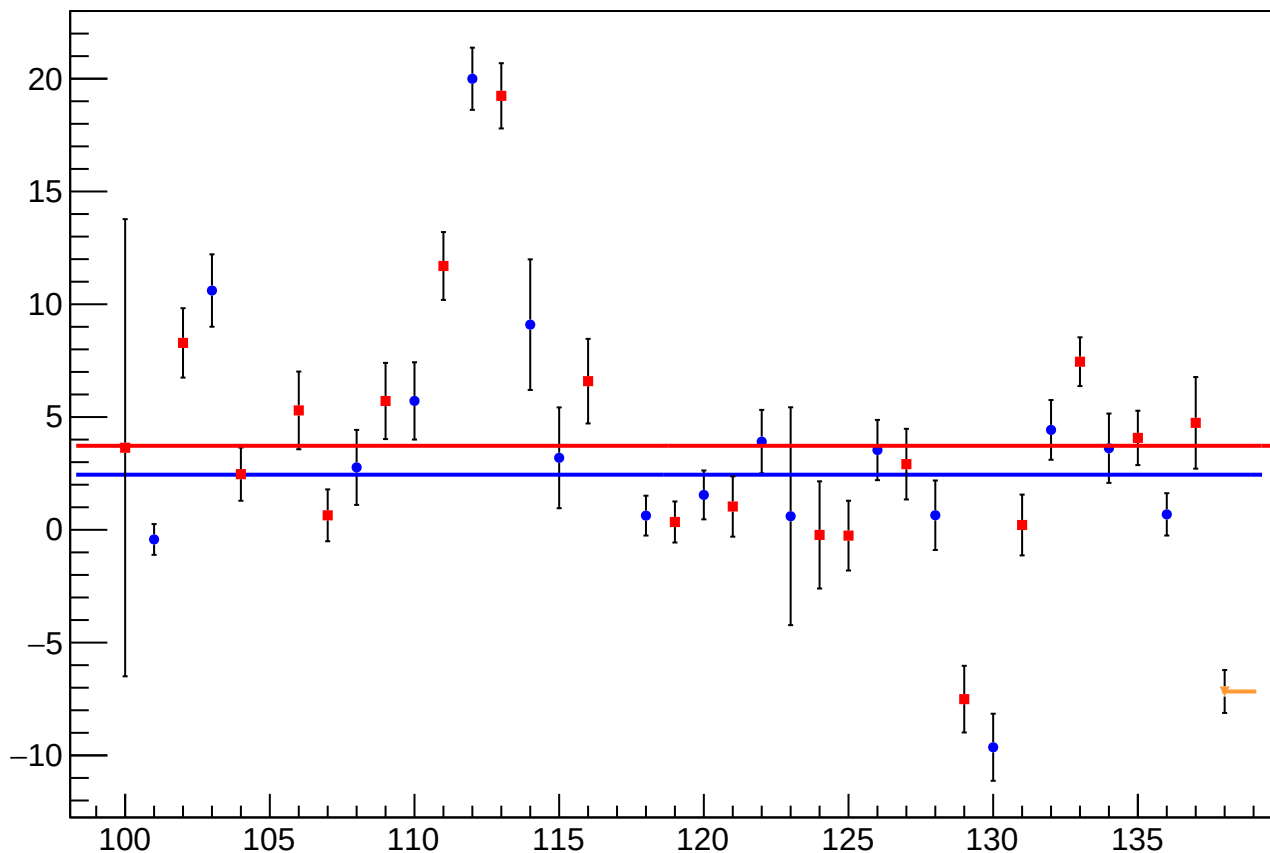
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -23.668+/-0.944 χ^2/NDF : 0.0/0

All: -23.668+/-0.944 χ^2/NDF : 0.0/0

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: -7.167 $\pm$ 0.950 χ^2 /NDF:0.0/0

Right Out: 3.726 $\pm$ 0.327 χ^2 /NDF: 269.1/18

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

Left: -7.167 $\pm$ 0.950 χ^2 /NDF: 0.0/0

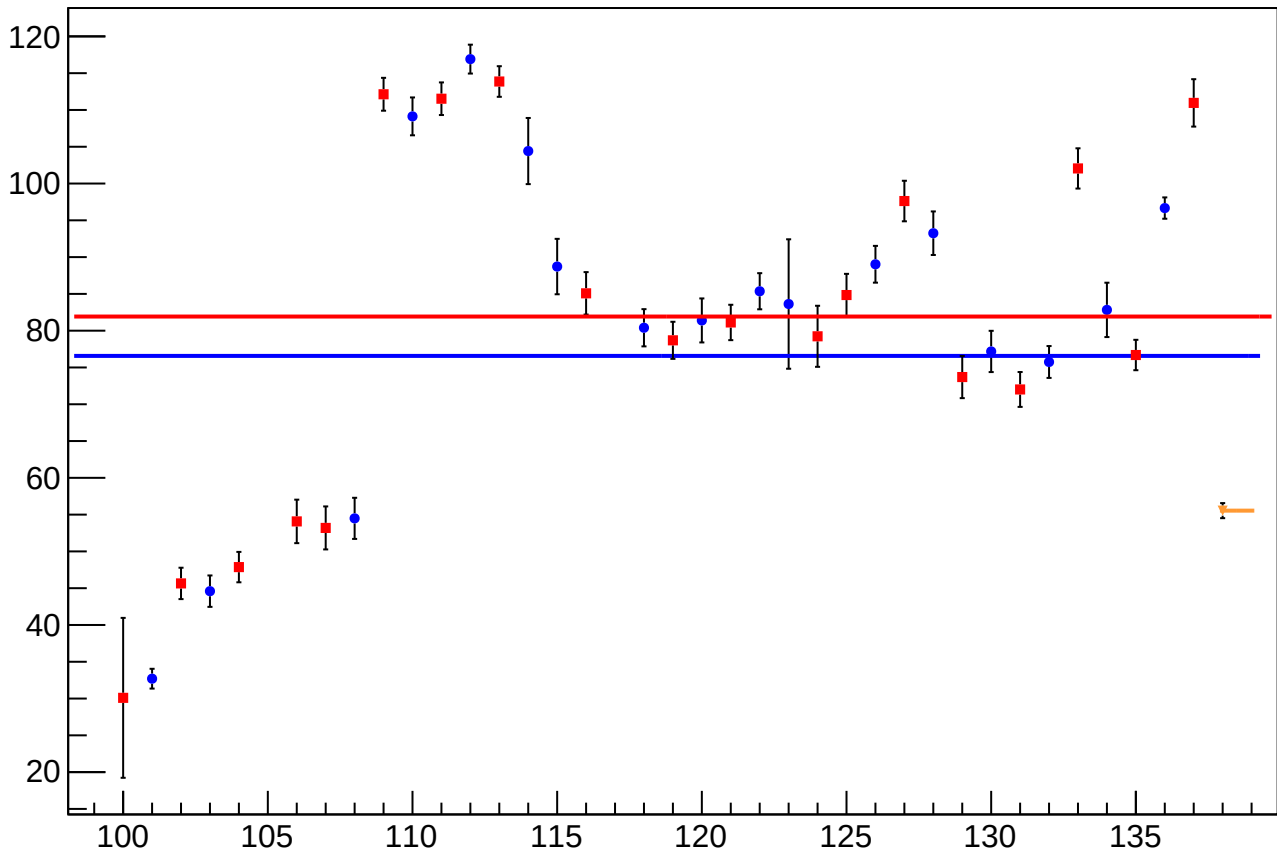
Right: 3.053 $\pm$ 0.225 χ^2 /NDF: 572.5/35

In: 2.444 $\pm$ 0.311 χ^2 /NDF:295.3/16

Out: 2.574 $\pm$ 0.309 χ^2 /NDF:386.6/19

All: 2.509 $\pm$ 0.219 χ^2 /NDF: 682.0/36

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: 55.541 $\pm$ 1.024 χ^2 /NDF:0.0/0

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

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

Left: 55.541 $\pm$ 1.024 χ^2 /NDF: 0.0/0

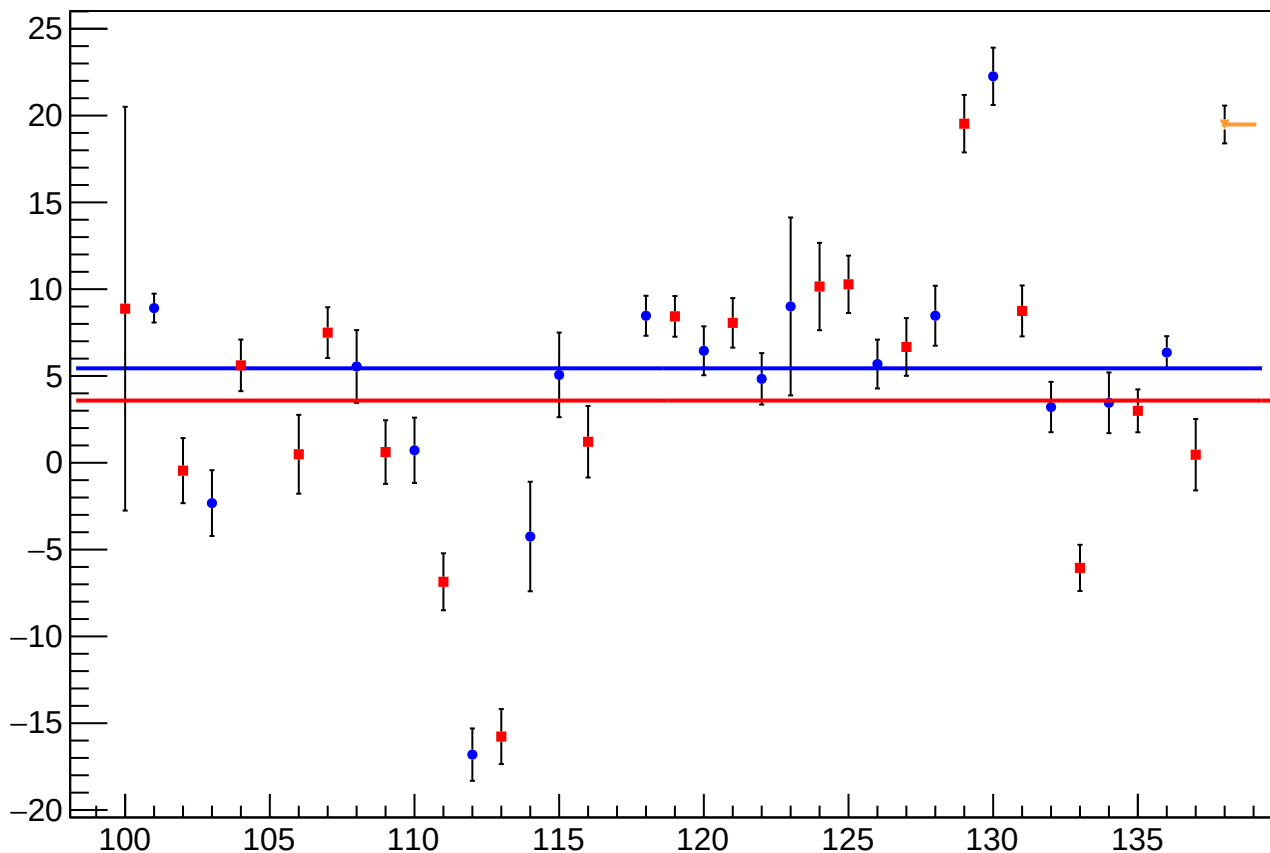
Right: 79.162 $\pm$ 0.412 χ^2 /NDF: 3866.3/35

In: 76.572 $\pm$ 0.573 χ^2 /NDF:2253.6/16

Out: 75.314 $\pm$ 0.512 χ^2 /NDF:2068.2/19

All: 75.873 $\pm$ 0.382 χ^2 /NDF: 4324.5/36

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 ± 0.357 χ^2/NDF : 387.5/16

Left Out: 19.486 ± 1.088 χ^2/NDF : 0.0/0

Right Out: 3.585 ± 0.375 χ^2/NDF : 423.2/18

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

Left: 19.486 ± 1.088 χ^2/NDF : 0.0/0

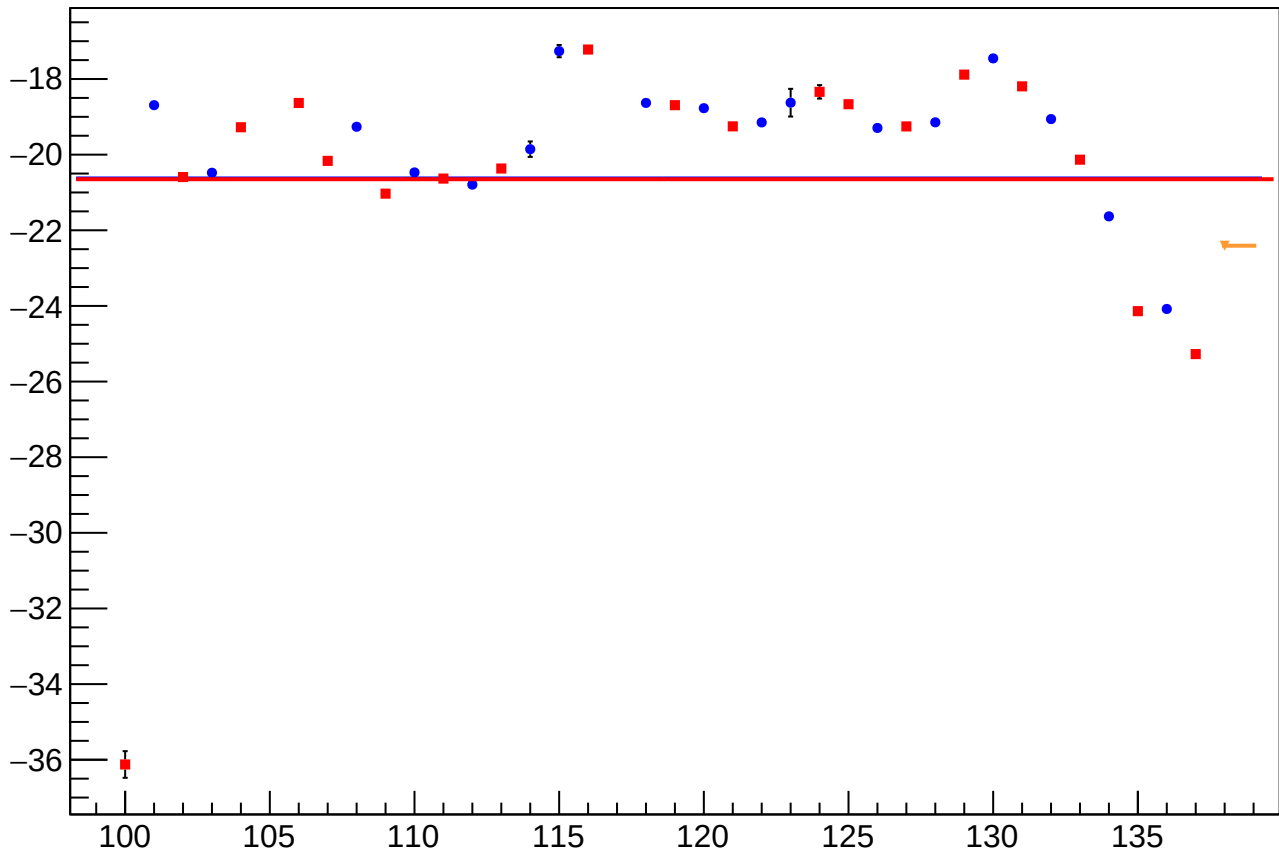
Right: 4.559 ± 0.259 χ^2/NDF : 823.5/35

In: 5.442 ± 0.357 χ^2/NDF : 387.5/16

Out: 5.276 ± 0.355 χ^2/NDF : 614.1/19

All: 5.358 ± 0.252 χ^2/NDF : 1001.7/36

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630 $\pm$ 0.019 χ^2 /NDF: 12490.5/16

Left Out: -22.408 $\pm$ 0.040 χ^2 /NDF:0.0/0

Right Out: -20.650 $\pm$ 0.019 χ^2 /NDF: 13885.7/18

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

Left: -22.408 $\pm$ 0.040 χ^2 /NDF: 0.0/0

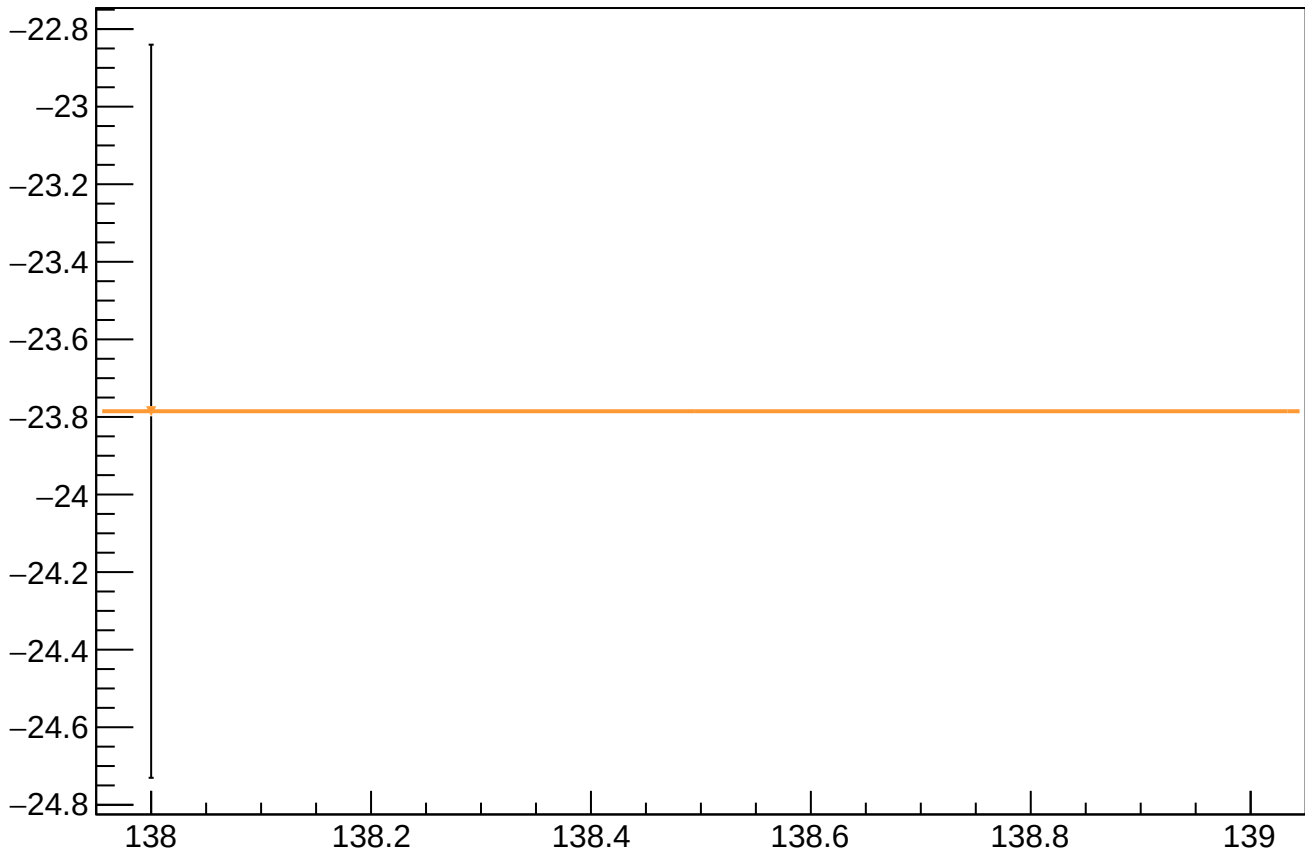
Right: -20.640 $\pm$ 0.014 χ^2 /NDF: 26376.6/35

In: -20.630 $\pm$ 0.019 χ^2 /NDF:12490.5/16

Out: -20.979 $\pm$ 0.018 χ^2 /NDF:15420.6/19

All: -20.821 $\pm$ 0.013 χ^2 /NDF: 28090.3/36

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.785 ± 0.945 $\chi^2/\text{NDF}: 0.0/0$

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

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

Left: -23.785 ± 0.945 $\chi^2/\text{NDF}: 0.0/0$

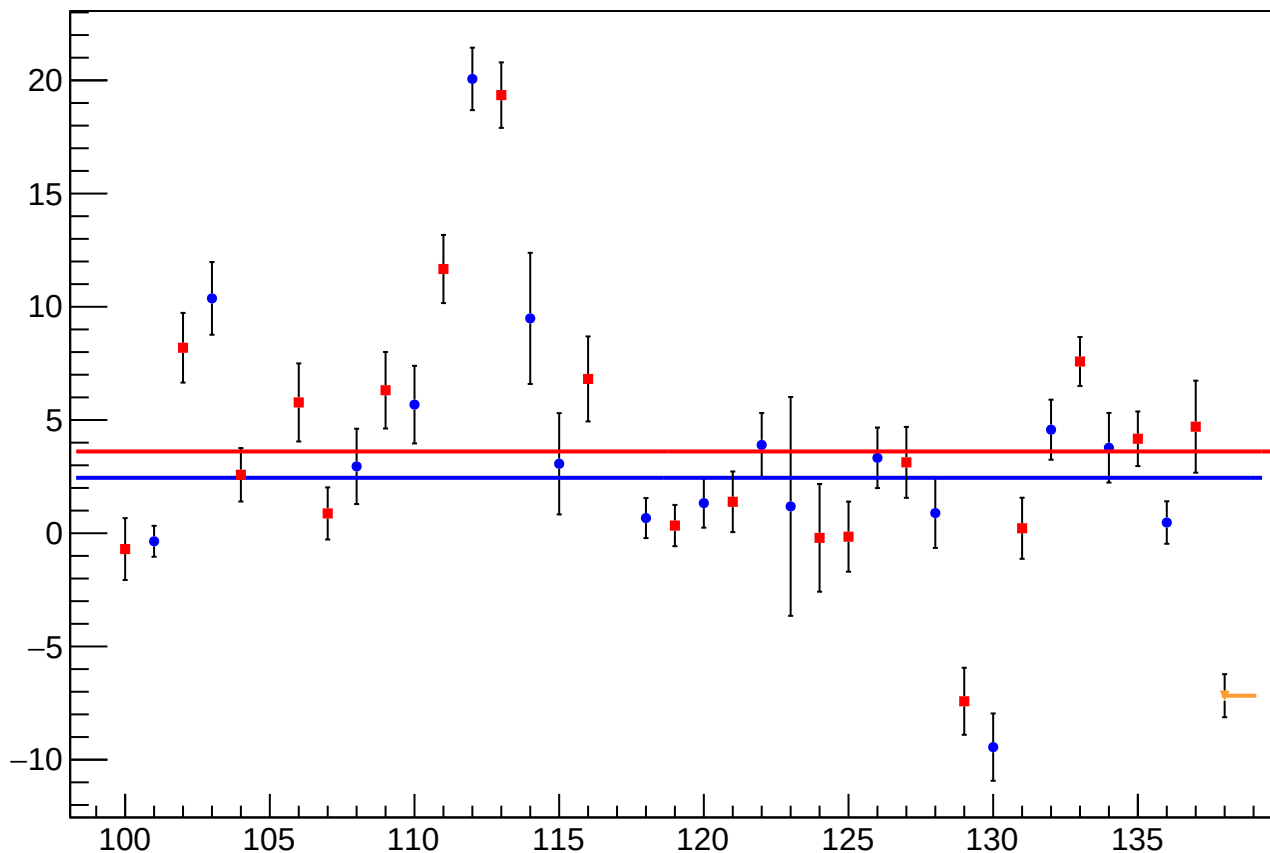
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Out: -23.785 ± 0.945 $\chi^2/\text{NDF}: 0.0/0$

All: -23.785 ± 0.945 $\chi^2/\text{NDF}: 0.0/0$

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: -7.174 $\pm$ 0.951 χ^2 /NDF:0.0/0

Right Out: 3.611 $\pm$ 0.318 χ^2 /NDF: 279.4/18

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

Left: -7.174 $\pm$ 0.951 χ^2 /NDF: 0.0/0

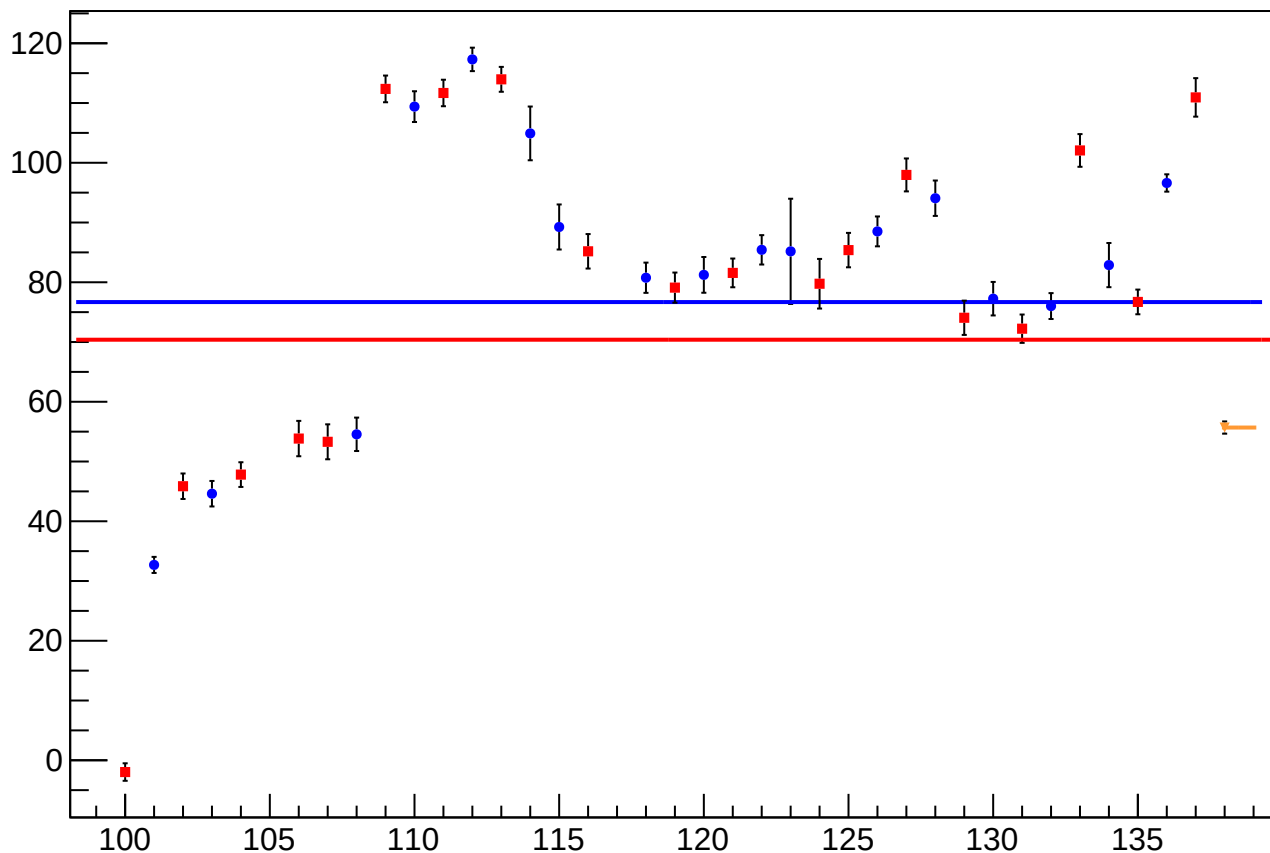
Right: 3.017 $\pm$ 0.223 χ^2 /NDF: 579.6/35

In: 2.448 $\pm$ 0.311 χ^2 /NDF:293.4/16

Out: 2.525 $\pm$ 0.302 χ^2 /NDF:395.0/19

All: 2.488 $\pm$ 0.217 χ^2 /NDF: 688.5/36

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687+/-0.574 χ^2 /NDF: 2265.1/16

Left Out: 55.686+/-1.025 χ^2 /NDF:0.0/0

Right Out: 70.386+/-0.550 χ^2 /NDF: 4391.1/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 55.686+/-1.025 χ^2 /NDF: 0.0/0

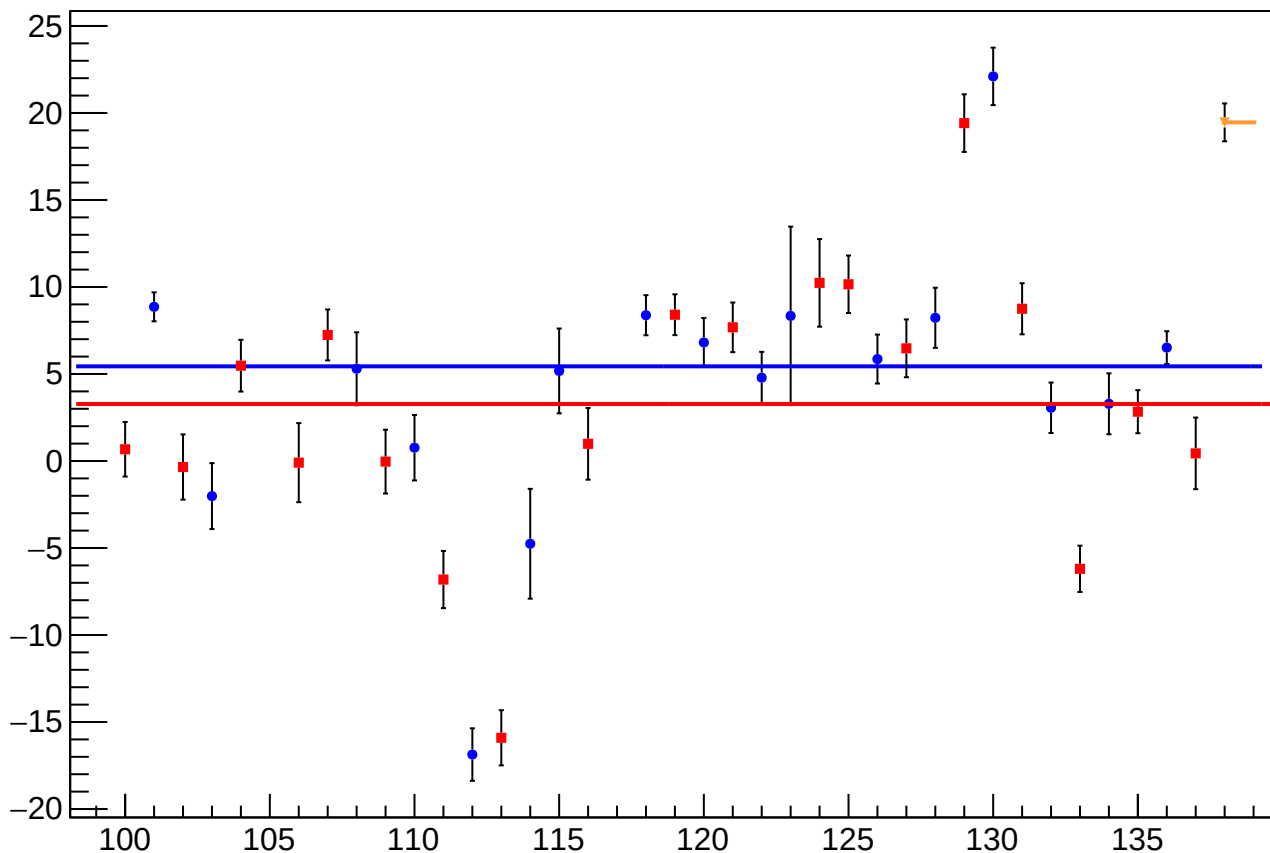
Right: 73.402+/-0.397 χ^2 /NDF: 6719.1/35

In: 76.687+/-0.574 χ^2 /NDF:2265.1/16

Out: 67.100+/-0.484 χ^2 /NDF:4551.0/19

All: 71.091+/-0.370 χ^2 /NDF: 6979.1/36

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.357 χ^2/NDF : 385.9/16

Left Out: 19.460 ± 1.089 χ^2/NDF : 0.0/0

Right Out: 3.275 ± 0.365 χ^2/NDF : 425.8/18

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

Left: 19.460 ± 1.089 χ^2/NDF : 0.0/0

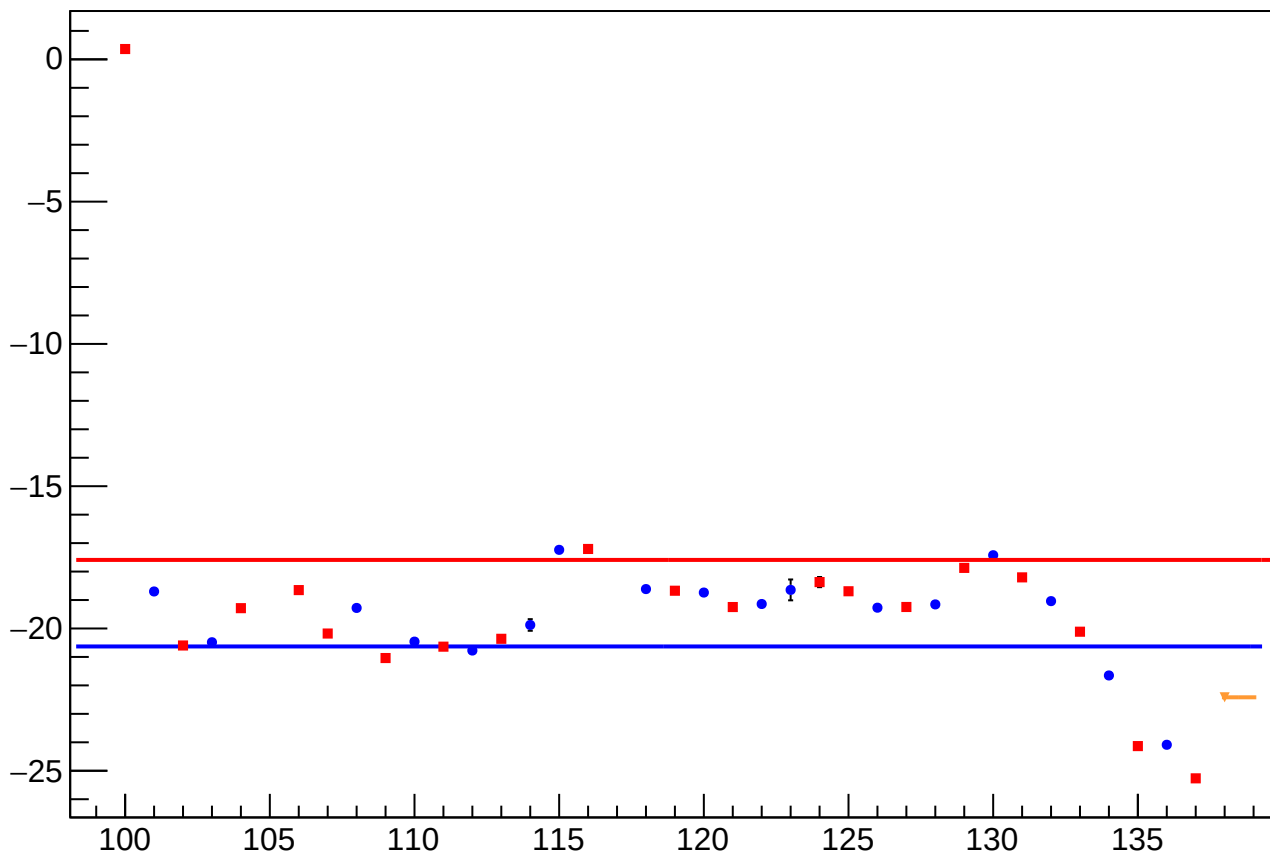
Right: 4.381 ± 0.256 χ^2/NDF : 829.6/35

In: 5.439 ± 0.357 χ^2/NDF : 385.9/16

Out: 4.913 ± 0.346 χ^2/NDF : 624.4/19

All: 5.168 ± 0.249 χ^2/NDF : 1011.5/36

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 χ^2/NDF : 12530.8/16

Left Out: -22.419 ± 0.040 χ^2/NDF : 0.0/0

Right Out: -17.591 ± 0.018 χ^2/NDF : 178680.7/18

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

Left: -22.419 ± 0.040 χ^2/NDF : 0.0/0

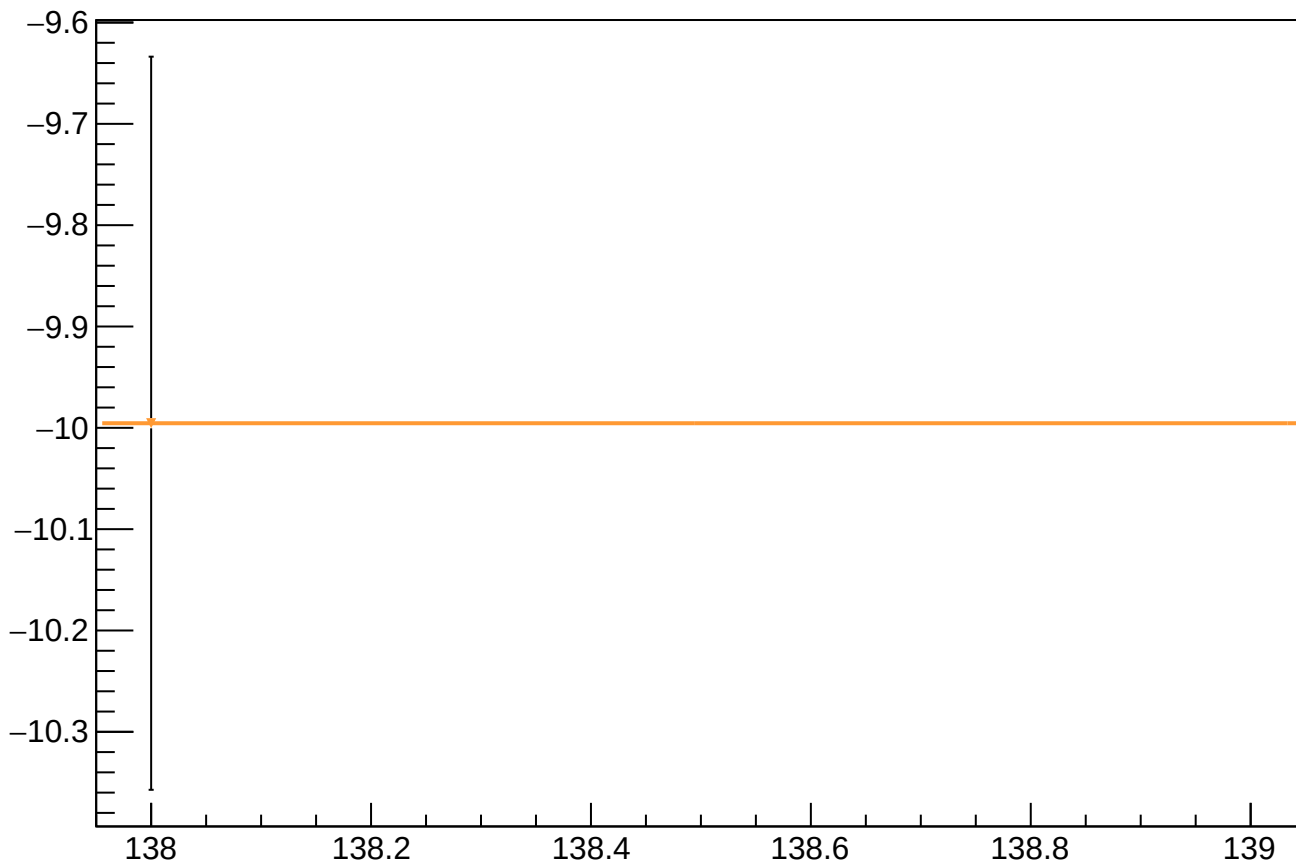
Right: -19.007 ± 0.013 χ^2/NDF : 204486.4/35

In: -20.632 ± 0.019 χ^2/NDF : 12530.8/16

Out: -18.389 ± 0.016 χ^2/NDF : 190552.0/19

All: -19.334 ± 0.013 χ^2/NDF : 210907.2/36

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: -9.995+/-0.362 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: -9.995+/-0.362 χ^2/NDF : 0.0/0

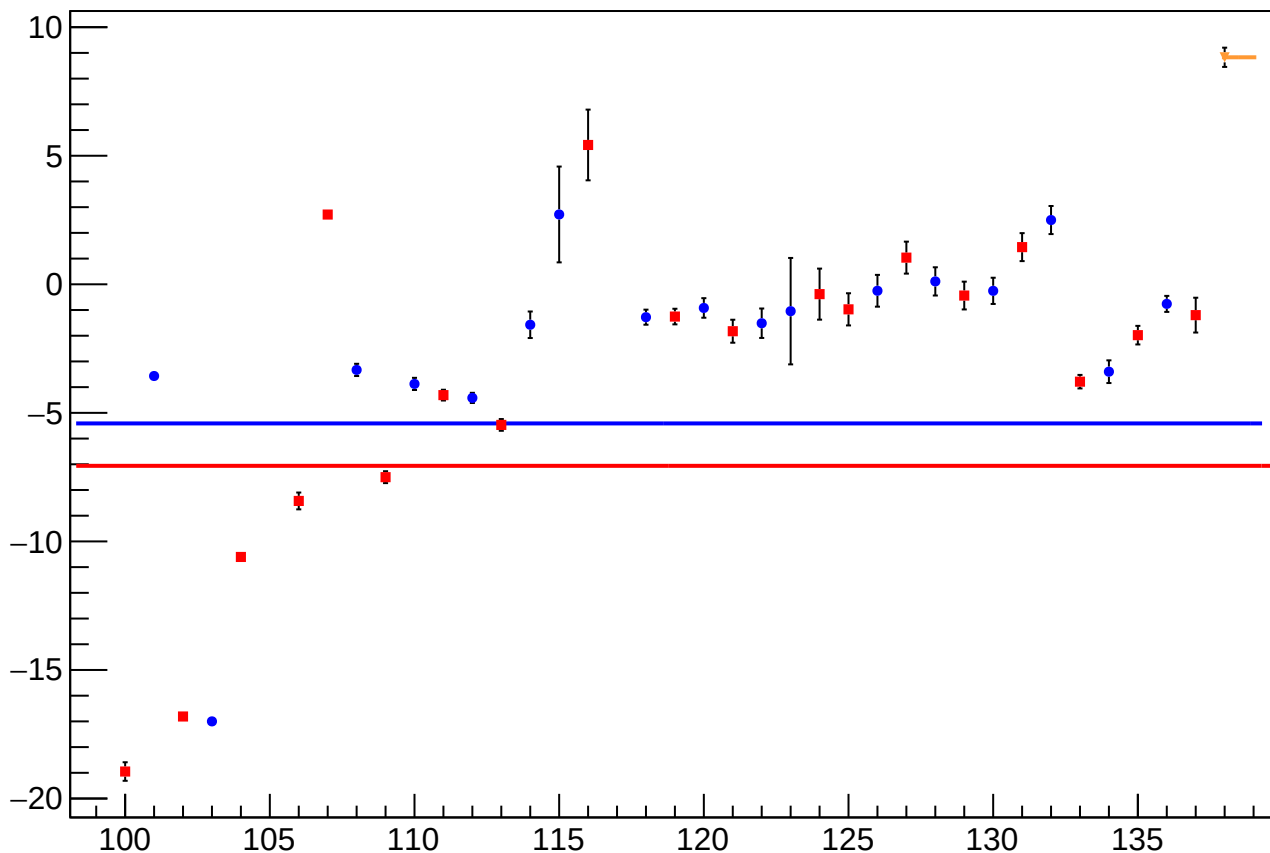
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -9.995+/-0.362 χ^2/NDF : 0.0/0

All: -9.995+/-0.362 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411+/-0.055 χ^2/NDF : 9261.2/16

Left Out: 8.829+/-0.374 χ^2/NDF :0.0/0

Right Out: -7.060+/-0.059 χ^2/NDF : 12329.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 8.829+/-0.374 χ^2/NDF : 0.0/0

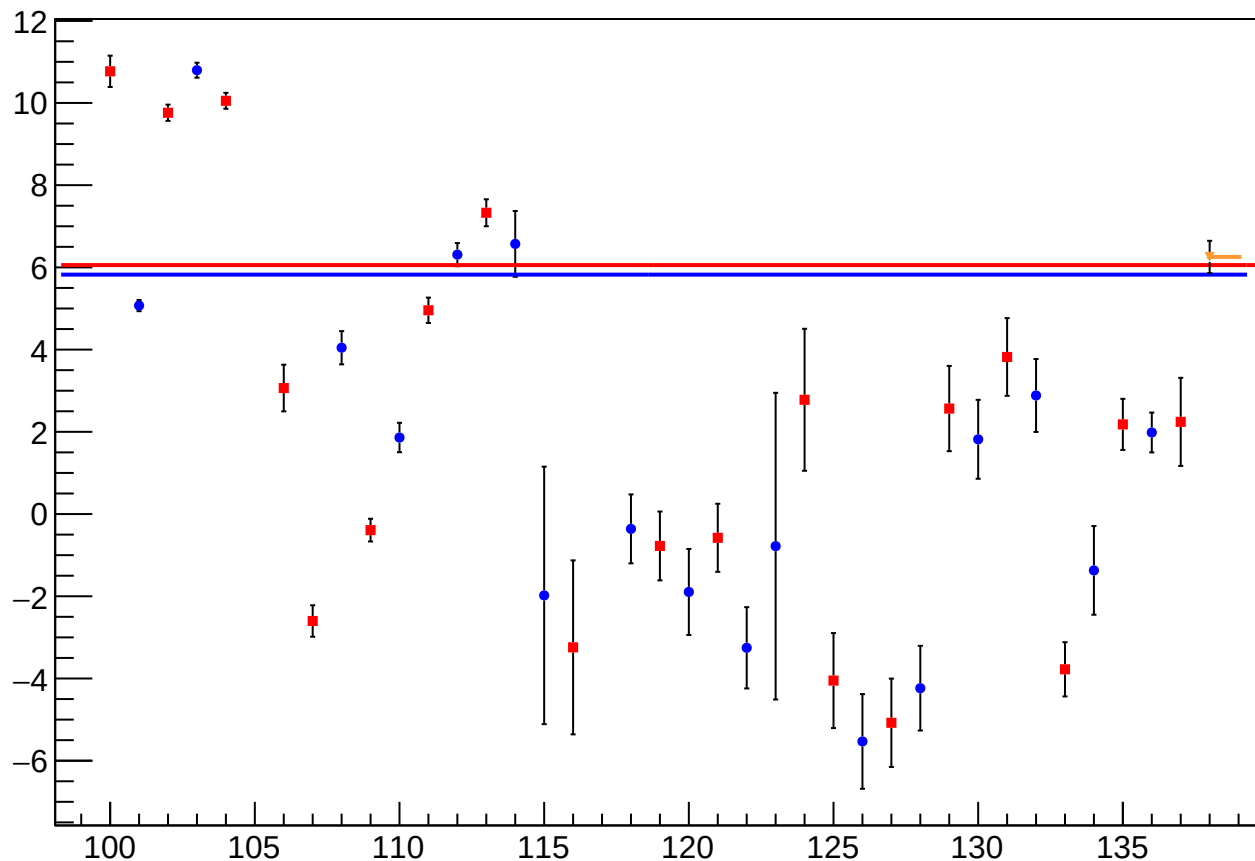
Right: -6.173+/-0.040 χ^2/NDF : 22010.3/35

In: -5.411+/-0.055 χ^2/NDF :9261.2/16

Out: -6.675+/-0.058 χ^2/NDF :14087.3/19

All: -6.003+/-0.040 χ^2/NDF : 23598.1/36

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824 $\pm$ 0.090 χ^2 /NDF: 1452.6/16

Left Out: 6.254 $\pm$ 0.392 χ^2 /NDF:0.0/0

Right Out: 6.056 $\pm$ 0.093 χ^2 /NDF: 2668.9/18

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

Left: 6.254 $\pm$ 0.392 χ^2 /NDF: 0.0/0

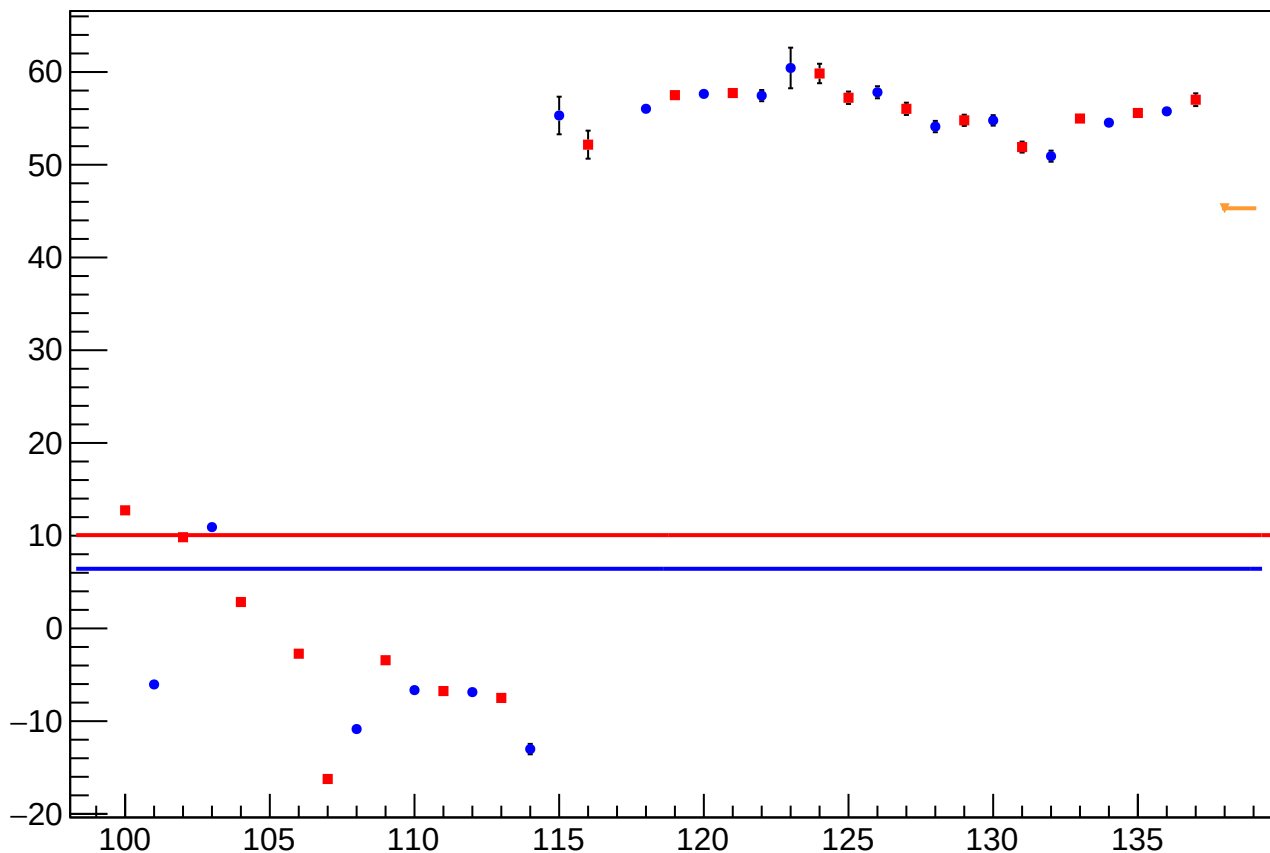
Right: 5.935 $\pm$ 0.065 χ^2 /NDF: 4124.7/35

In: 5.824 $\pm$ 0.090 χ^2 /NDF:1452.6/16

Out: 6.067 $\pm$ 0.091 χ^2 /NDF:2669.1/19

All: 5.944 $\pm$ 0.064 χ^2 /NDF: 4125.3/36

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432 $\pm$ 0.065 χ^2 /NDF: 123486.3/16

Left Out: 45.306 $\pm$ 0.425 χ^2 /NDF:0.0/0

Right Out: 10.060 $\pm$ 0.070 χ^2 /NDF: 121816.0/18

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

Left: 45.306 $\pm$ 0.425 χ^2 /NDF: 0.0/0

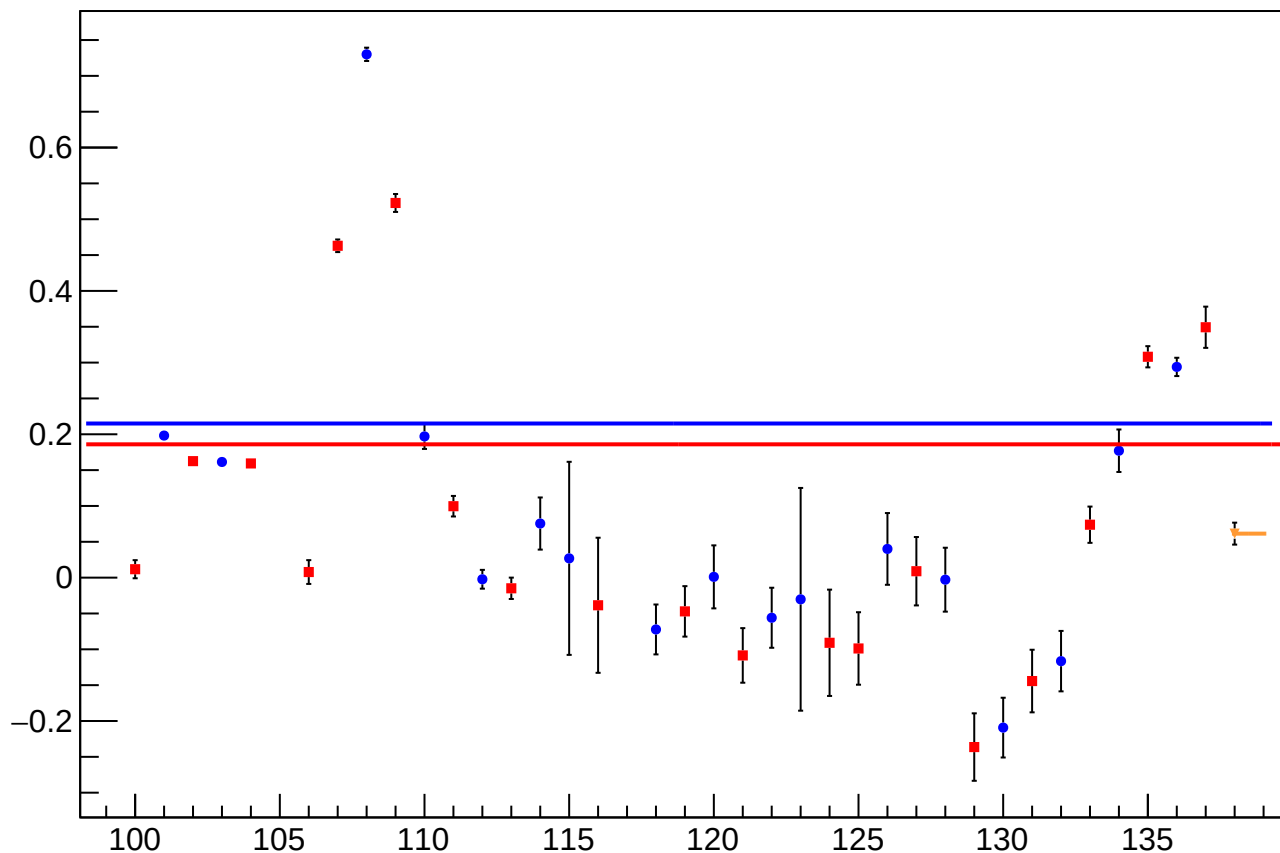
Right: 8.110 $\pm$ 0.047 χ^2 /NDF: 246756.9/35

In: 6.432 $\pm$ 0.065 χ^2 /NDF:123486.3/16

Out: 10.986 $\pm$ 0.069 χ^2 /NDF:128526.1/19

All: 8.569 $\pm$ 0.047 χ^2 /NDF: 254337.1/36

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF : 3930.1/16

Left Out: 0.061+/-0.015 χ^2/NDF : 0.0/0

Right Out: 0.186+/-0.003 χ^2/NDF : 2720.3/18

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

Left: 0.061+/-0.015 χ^2/NDF : 0.0/0

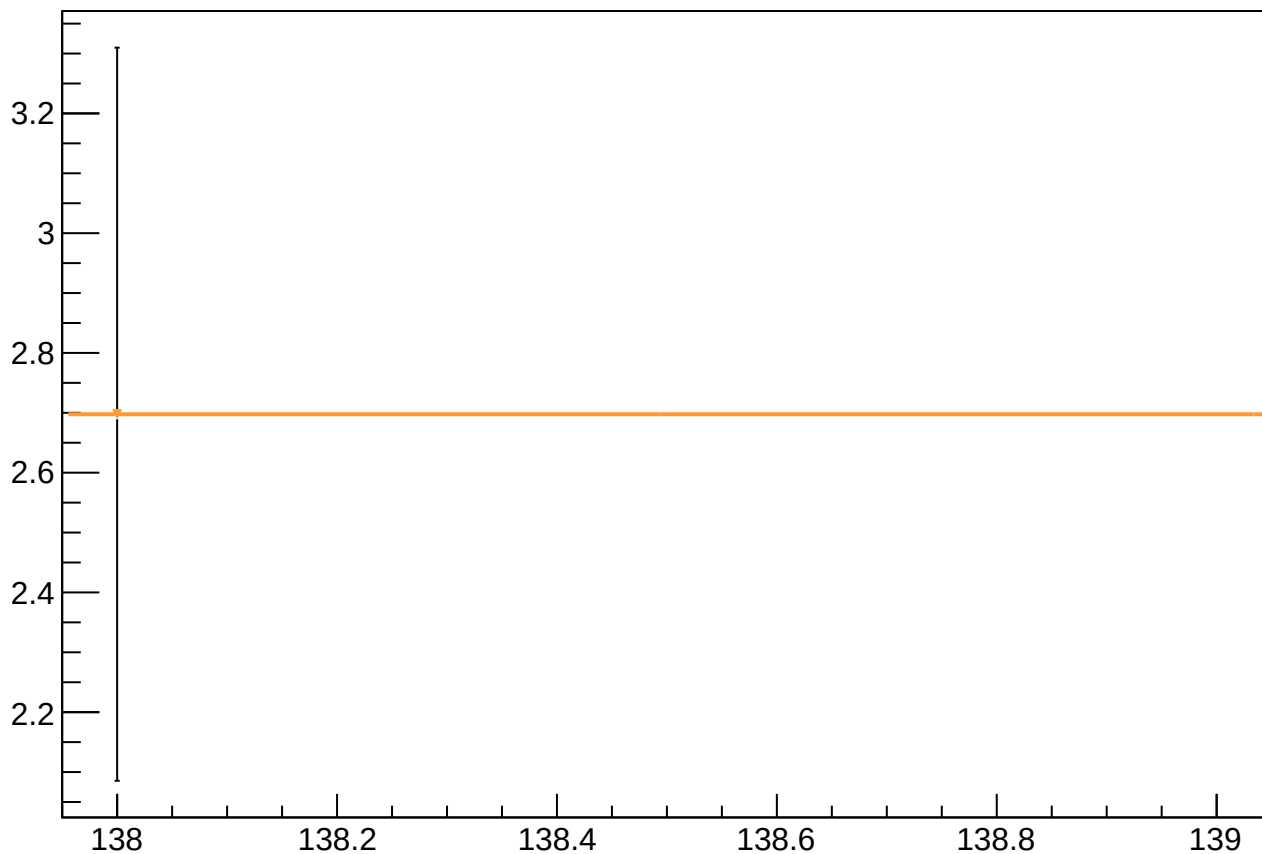
Right: 0.200+/-0.002 χ^2/NDF : 6707.1/35

In: 0.215+/-0.003 χ^2/NDF : 3930.1/16

Out: 0.182+/-0.003 χ^2/NDF : 2784.5/19

All: 0.198+/-0.002 χ^2/NDF : 6787.8/36

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 2.698 $\pm$ 0.612 χ^2 /NDF: 0.0/0

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

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

Left: 2.698 $\pm$ 0.612 χ^2 /NDF: 0.0/0

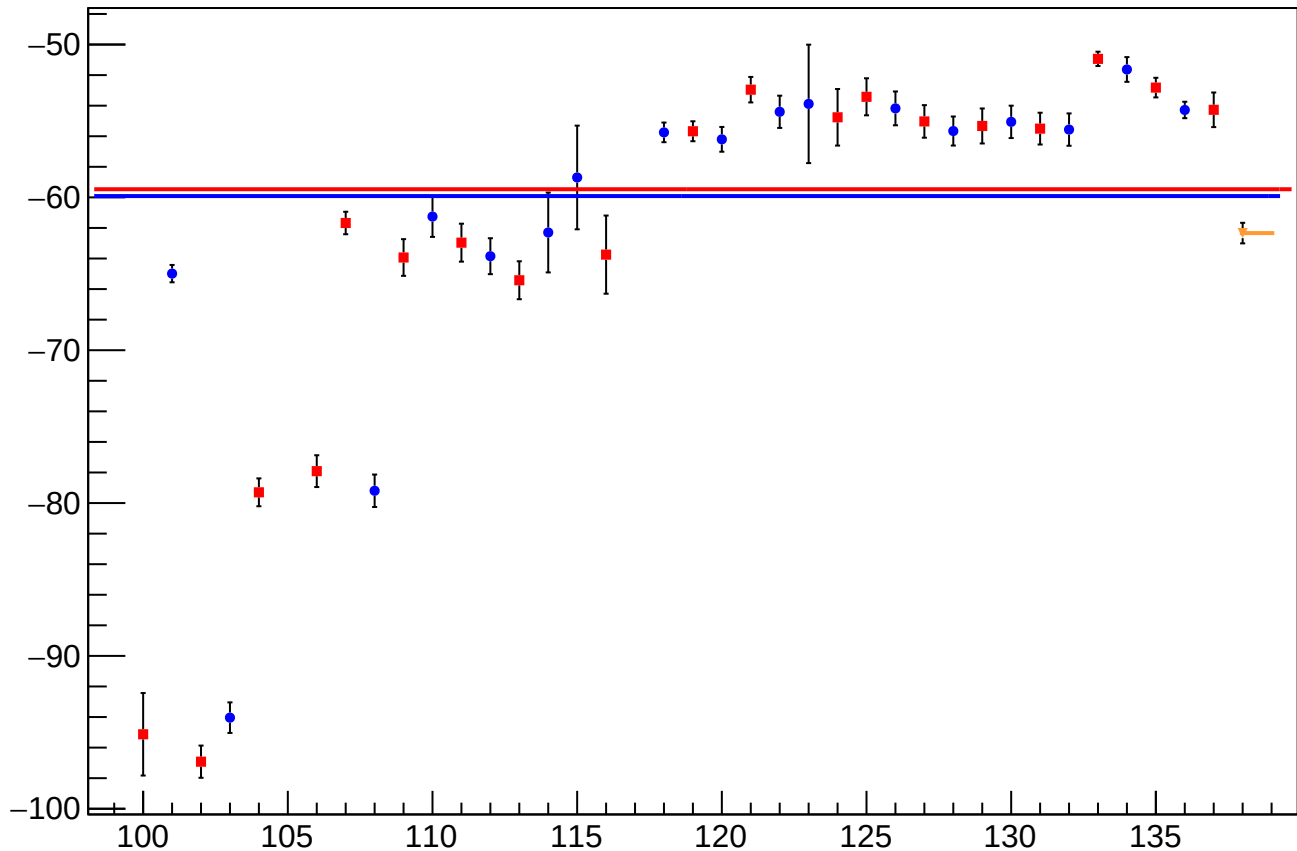
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

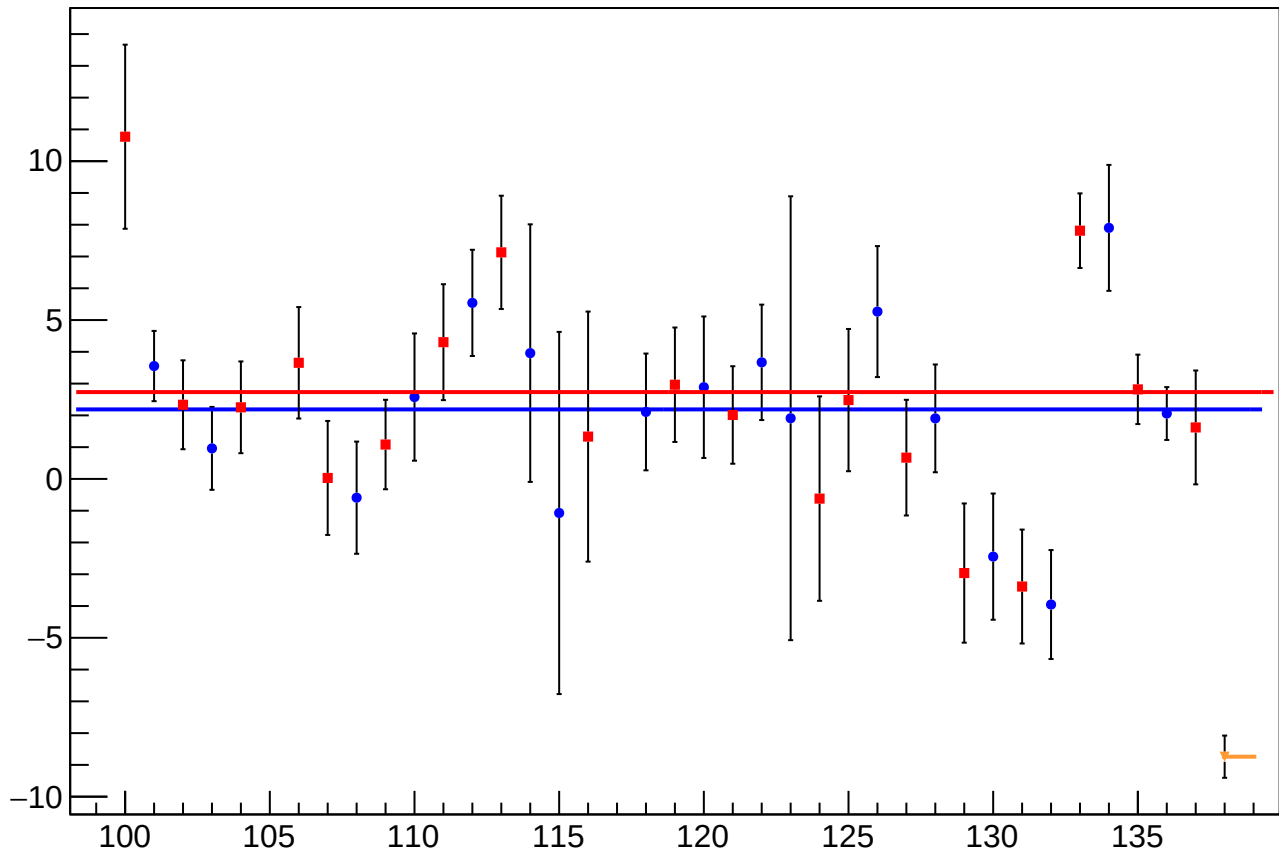
Out: 2.698 $\pm$ 0.612 χ^2 /NDF: 0.0/0

All: 2.698 $\pm$ 0.612 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -8.742+/-0.664 χ^2/NDF : 0.0/0

Right Out: 2.733+/-0.388 χ^2/NDF : 58.9/18

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

Left: -8.742+/-0.664 χ^2/NDF : 0.0/0

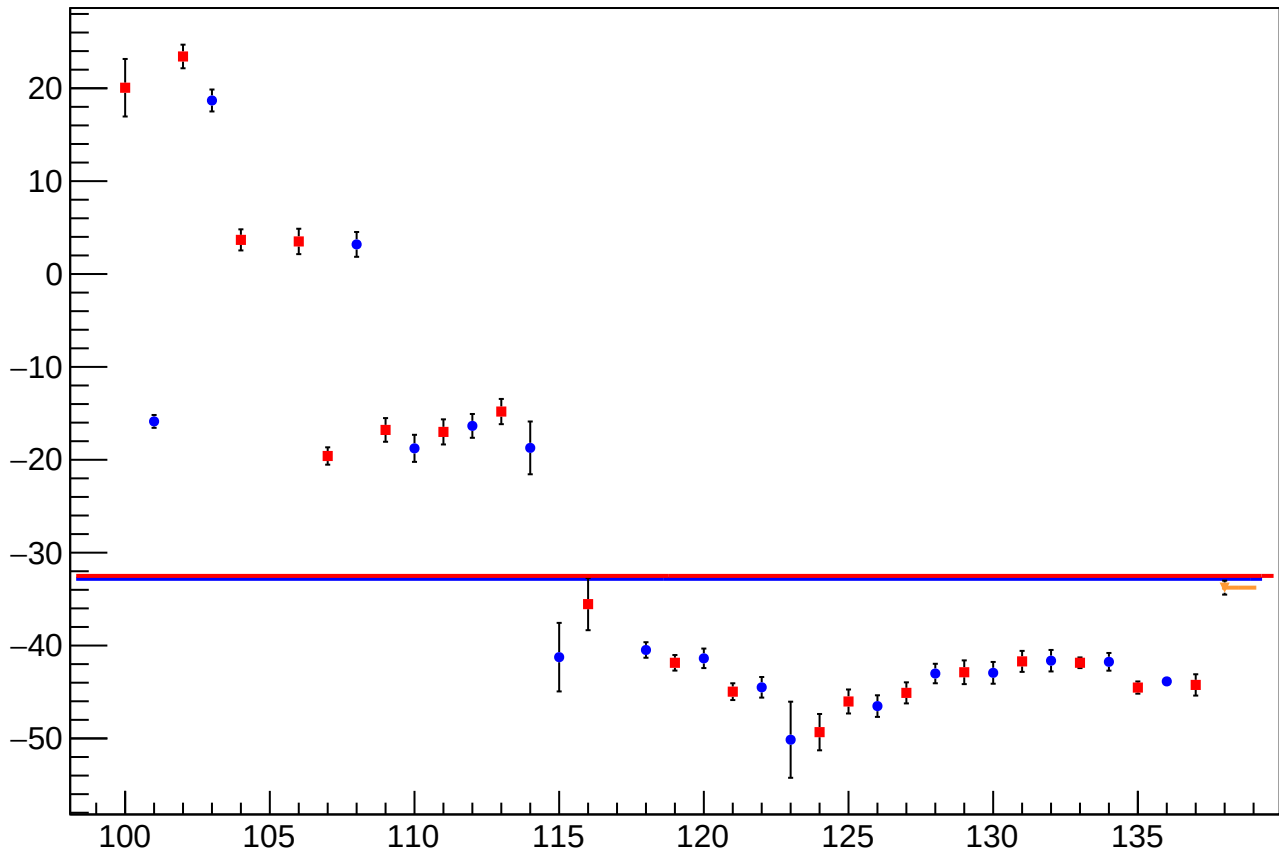
Right: 2.472+/-0.280 χ^2/NDF : 98.9/35

In: 2.188+/-0.404 χ^2/NDF : 39.1/16

Out: -0.182+/-0.335 χ^2/NDF : 281.5/19

All: 0.783+/-0.258 χ^2/NDF : 341.0/36

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 ± 0.254 χ^2/NDF : 4666.6/16

Left Out: -33.766 ± 0.751 χ^2/NDF : 0.0/0

Right Out: -32.501 ± 0.244 χ^2/NDF : 6037.9/18

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

Left: -33.766 ± 0.751 χ^2/NDF : 0.0/0

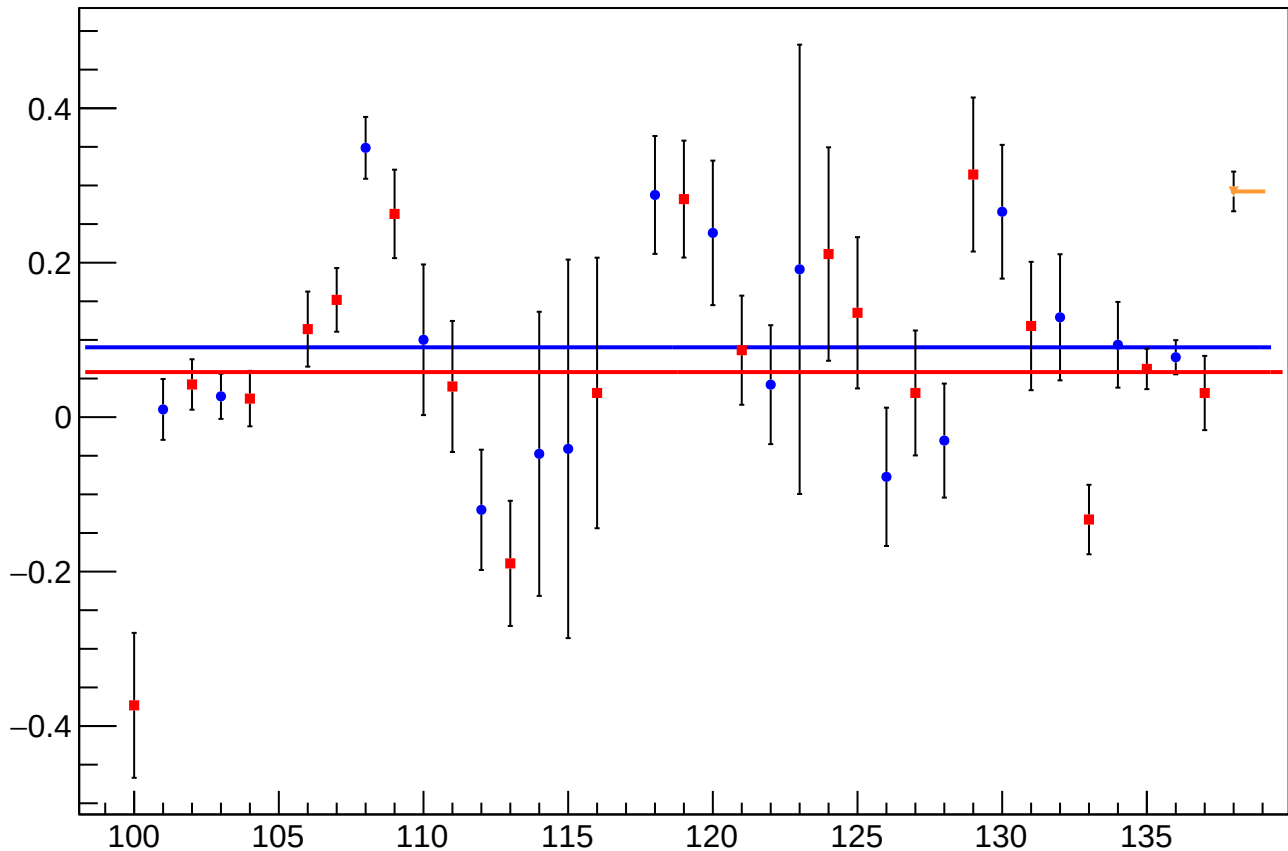
Right: -32.652 ± 0.176 χ^2/NDF : 10705.2/35

In: -32.817 ± 0.254 χ^2/NDF : 4666.6/16

Out: -32.622 ± 0.232 χ^2/NDF : 6040.4/19

All: -32.710 ± 0.171 χ^2/NDF : 10707.3/36

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: 0.292 $\pm$ 0.026 χ^2 /NDF:0.0/0

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.3/18

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

Left: 0.292 $\pm$ 0.026 χ^2 /NDF: 0.0/0

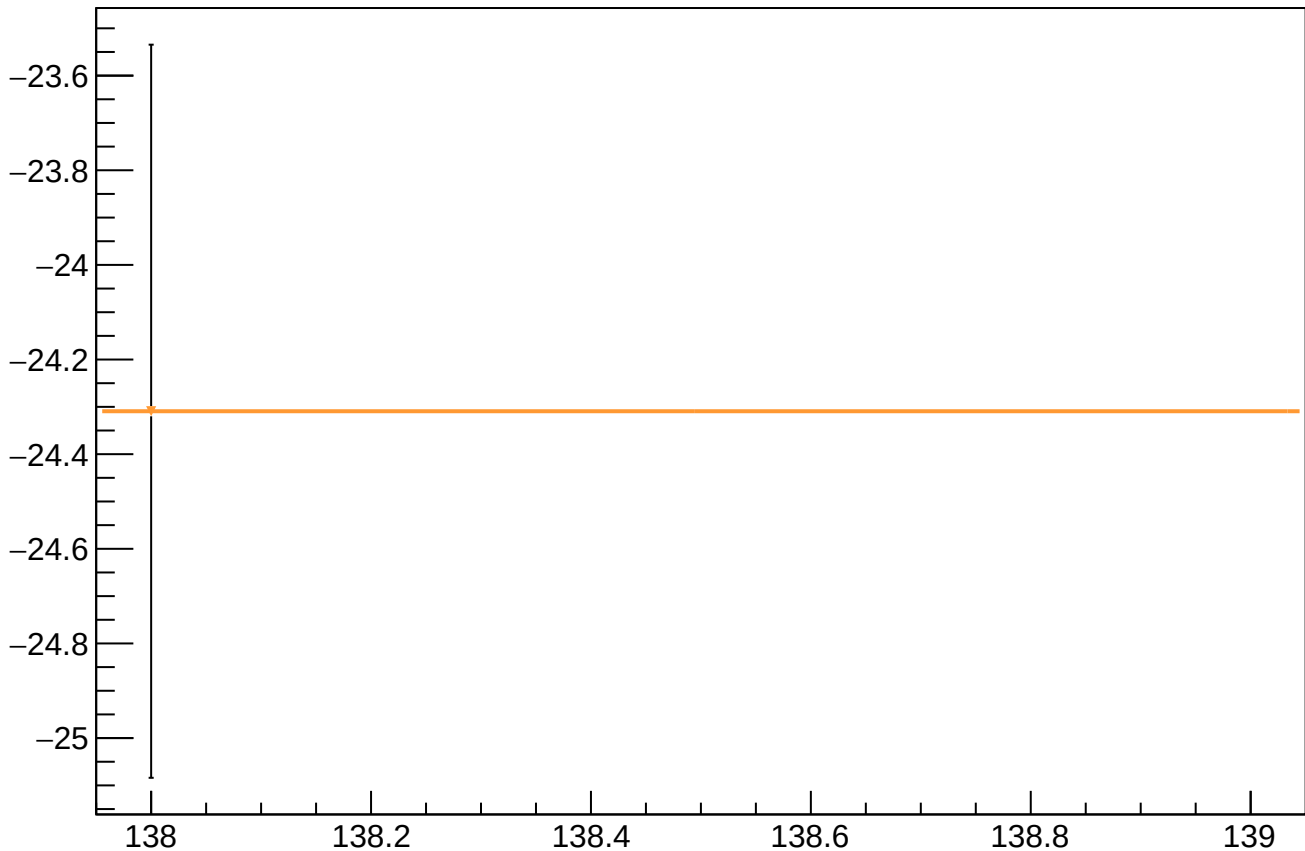
Right: 0.074 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.090 $\pm$ 0.013 χ^2 /NDF:79.2/16

Out: 0.101 $\pm$ 0.011 χ^2 /NDF:155.1/19

All: 0.097 $\pm$ 0.008 χ^2 /NDF: 234.7/36

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -24.309+/-0.775 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: -24.309+/-0.775 χ^2/NDF : 0.0/0

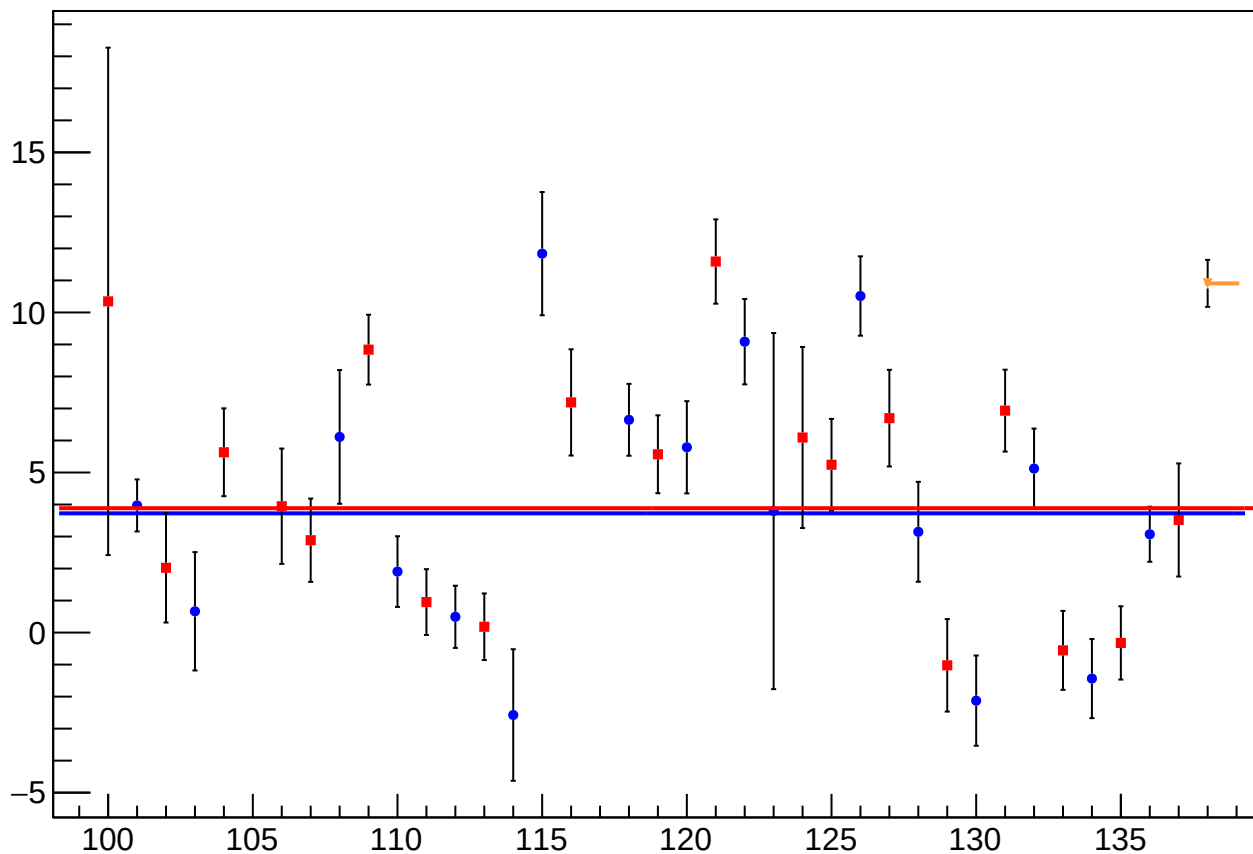
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -24.309+/-0.775 χ^2/NDF : 0.0/0

All: -24.309+/-0.775 χ^2/NDF : 0.0/0

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: 10.908 $\pm$ 0.735 χ^2 /NDF:0.0/0

Right Out: 3.885 $\pm$ 0.316 χ^2 /NDF: 134.4/18

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

Left: 10.908 $\pm$ 0.735 χ^2 /NDF: 0.0/0

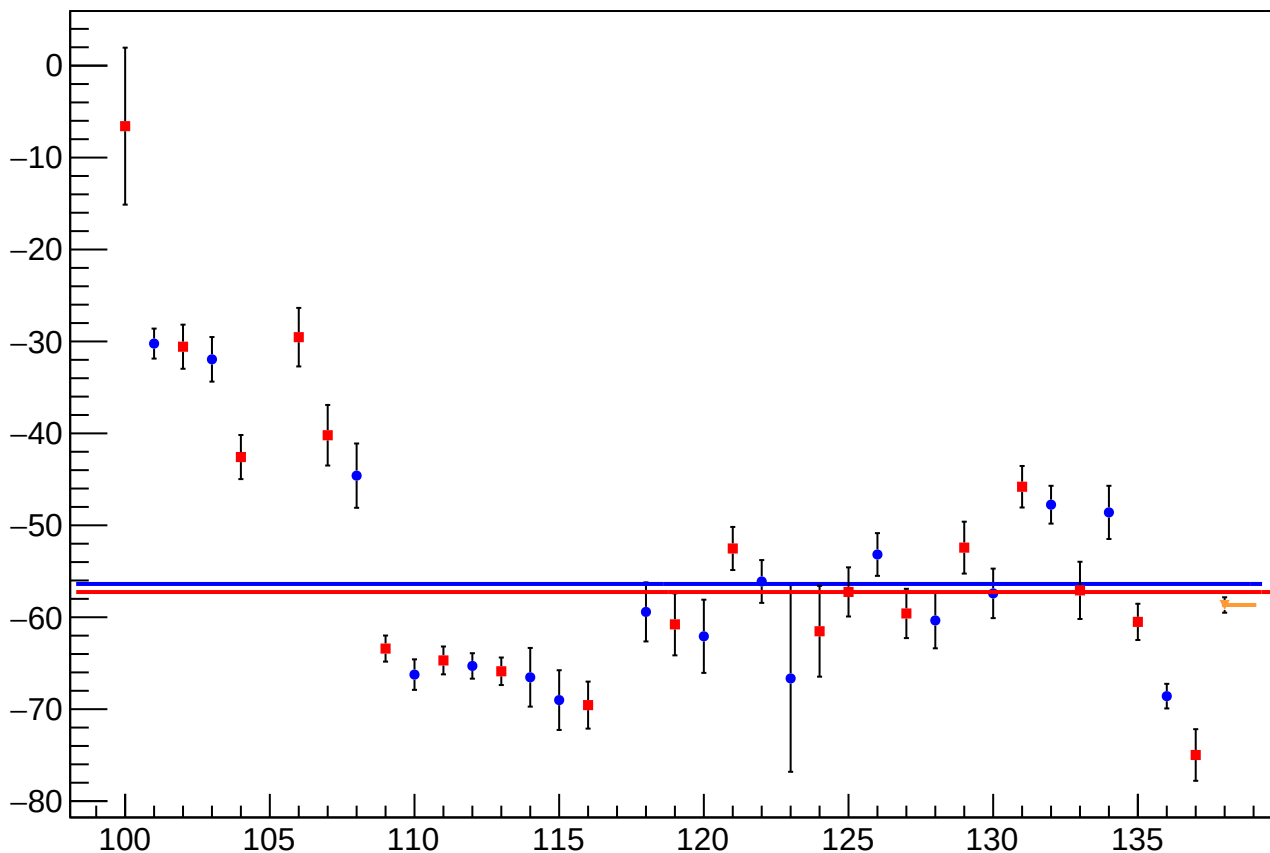
Right: 3.803 $\pm$ 0.221 χ^2 /NDF: 271.3/35

In: 3.725 $\pm$ 0.308 χ^2 /NDF:136.8/16

Out: 4.983 $\pm$ 0.290 χ^2 /NDF:211.5/19

All: 4.392 $\pm$ 0.211 χ^2 /NDF: 357.1/36

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 $\pm$ 0.542 χ^2 /NDF: 587.4/16

Left Out: -58.668 $\pm$ 0.839 χ^2 /NDF:0.0/0

Right Out: -57.258 $\pm$ 0.536 χ^2 /NDF: 476.1/18

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

Left: -58.668 $\pm$ 0.839 χ^2 /NDF: 0.0/0

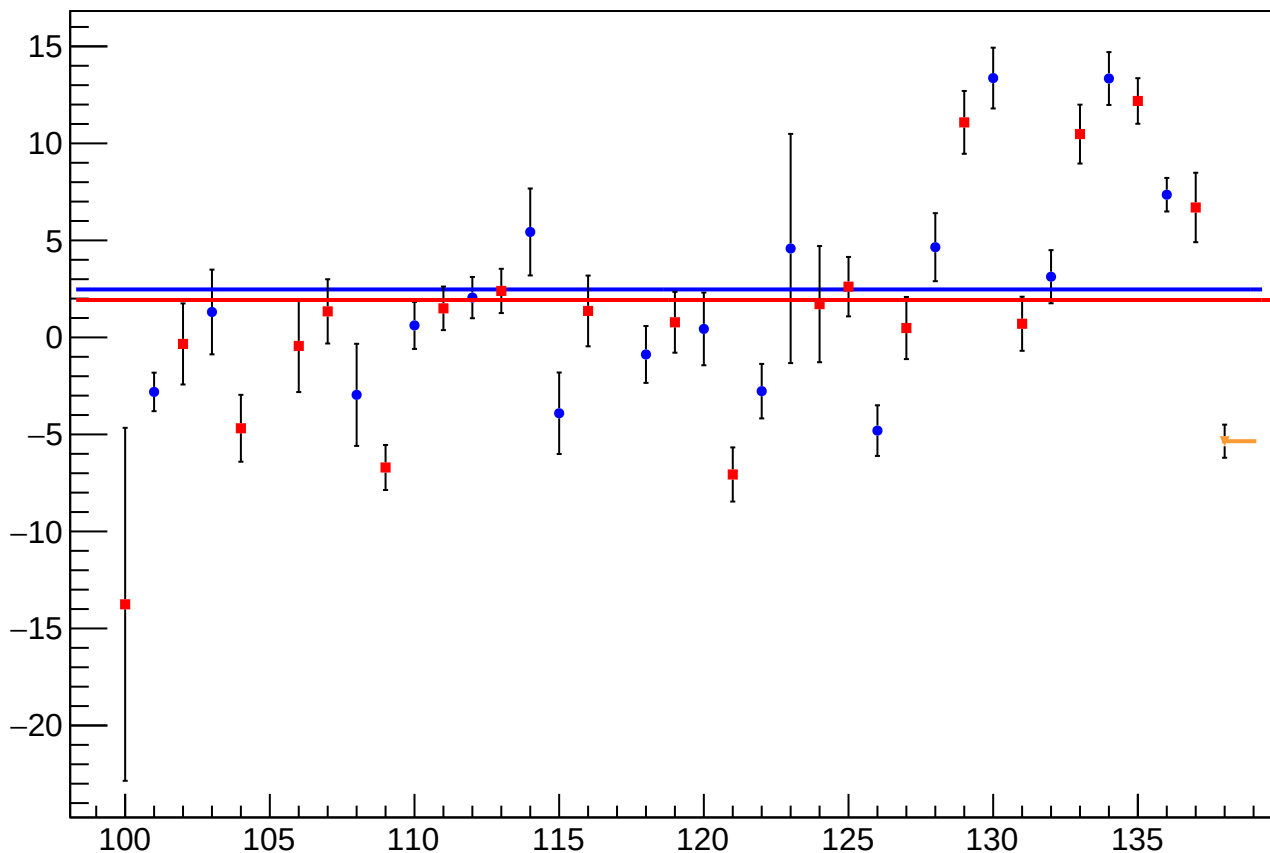
Right: -56.823 $\pm$ 0.381 χ^2 /NDF: 1064.8/35

In: -56.379 $\pm$ 0.542 χ^2 /NDF:587.4/16

Out: -57.666 $\pm$ 0.452 χ^2 /NDF:478.1/19

All: -57.138 $\pm$ 0.347 χ^2 /NDF: 1068.8/36

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: -5.349+/-0.853 χ^2/NDF : 0.0/0

Right Out: 1.928+/-0.355 χ^2/NDF : 266.6/18

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

Left: -5.349+/-0.853 χ^2/NDF : 0.0/0

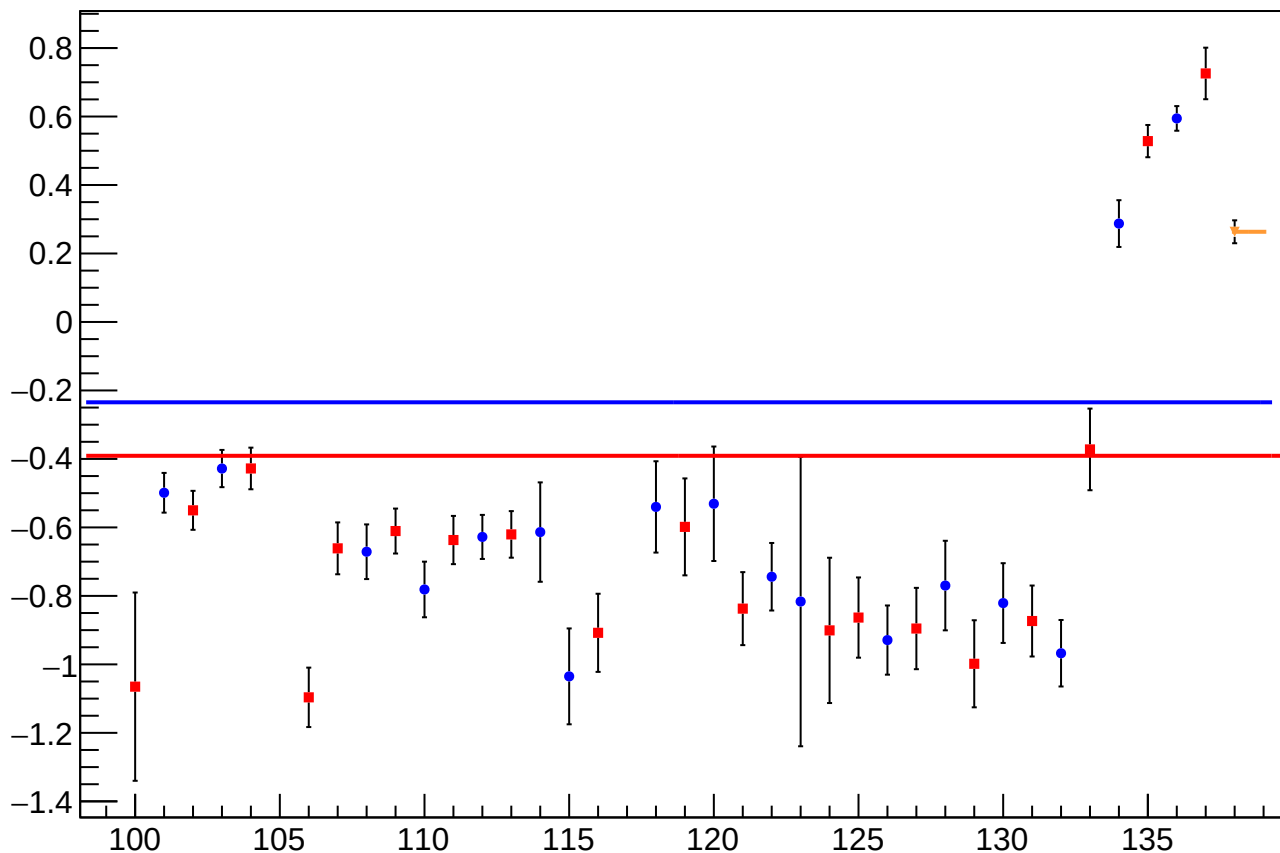
Right: 2.208+/-0.248 χ^2/NDF : 511.4/35

In: 2.473+/-0.345 χ^2/NDF : 243.6/16

Out: 0.855+/-0.328 χ^2/NDF : 328.7/19

All: 1.621+/-0.238 χ^2/NDF : 583.8/36

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: 0.263 ± 0.033 χ^2/NDF : 0.0/0

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

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

Left: 0.263 ± 0.033 χ^2/NDF : 0.0/0

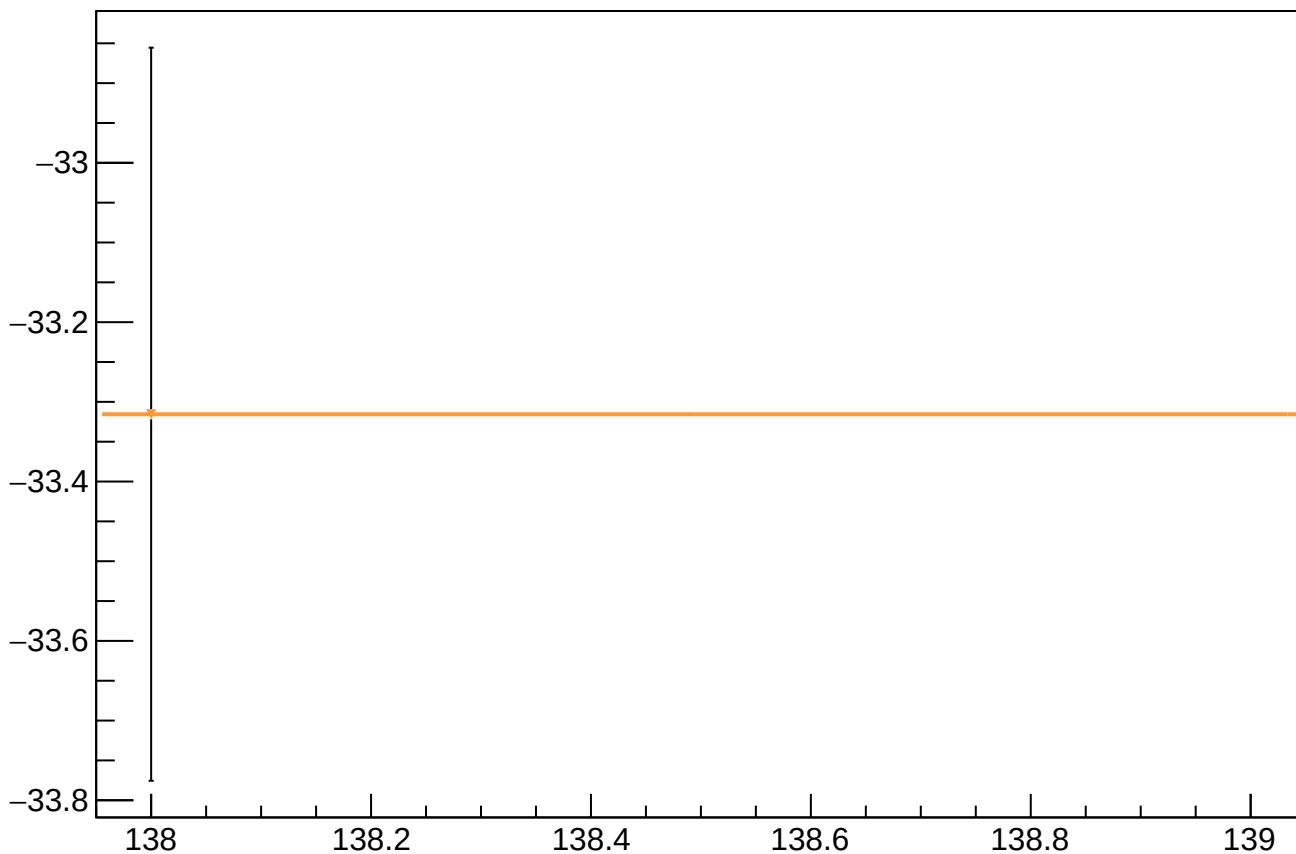
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Out: -0.232 ± 0.016 χ^2/NDF : 1142.5/19

All: -0.233 ± 0.012 χ^2/NDF : 2100.9/36

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: -33.316+/-0.460 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: -33.316+/-0.460 χ^2/NDF : 0.0/0

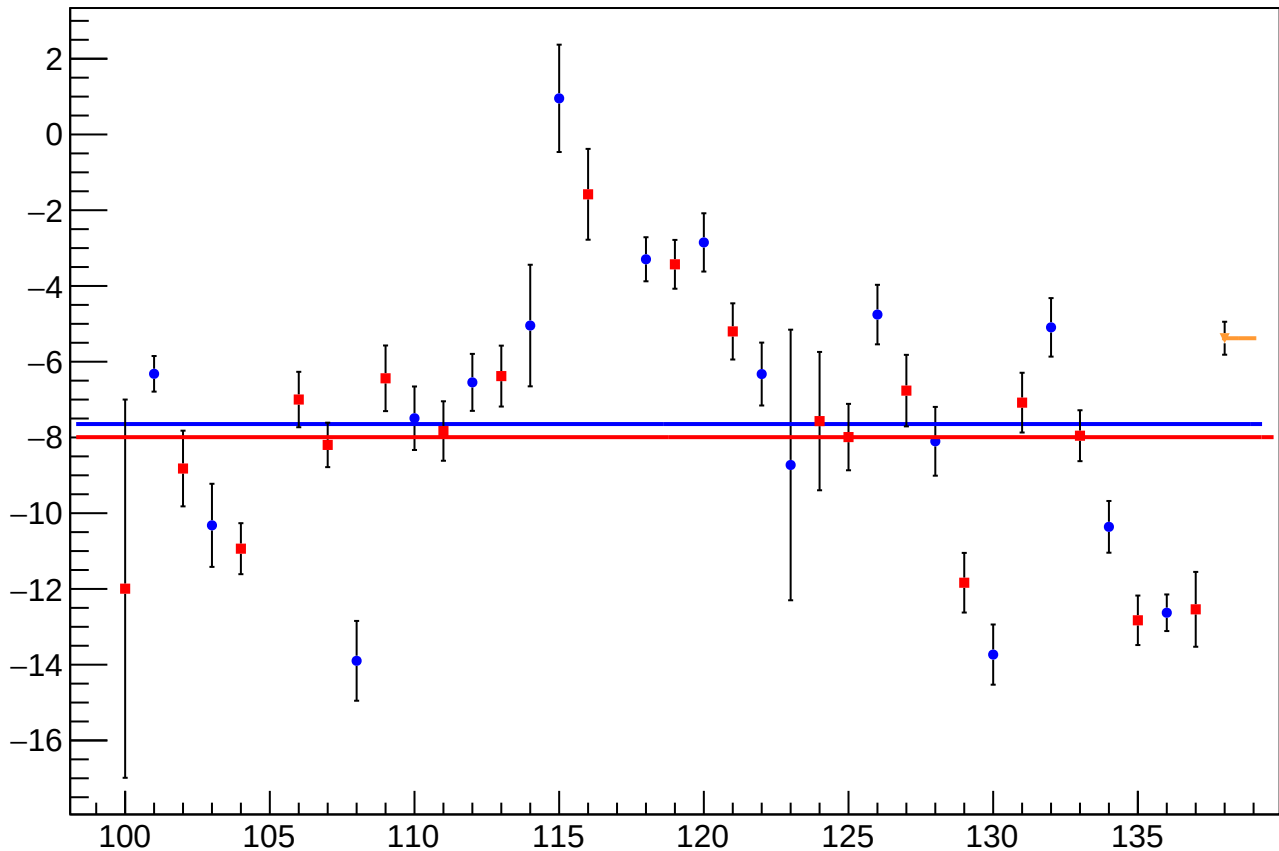
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -33.316+/-0.460 χ^2/NDF : 0.0/0

All: -33.316+/-0.460 χ^2/NDF : 0.0/0

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: -5.380 ± 0.435 χ^2/NDF : 0.0/0

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

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

Left: -5.380 ± 0.435 χ^2/NDF : 0.0/0

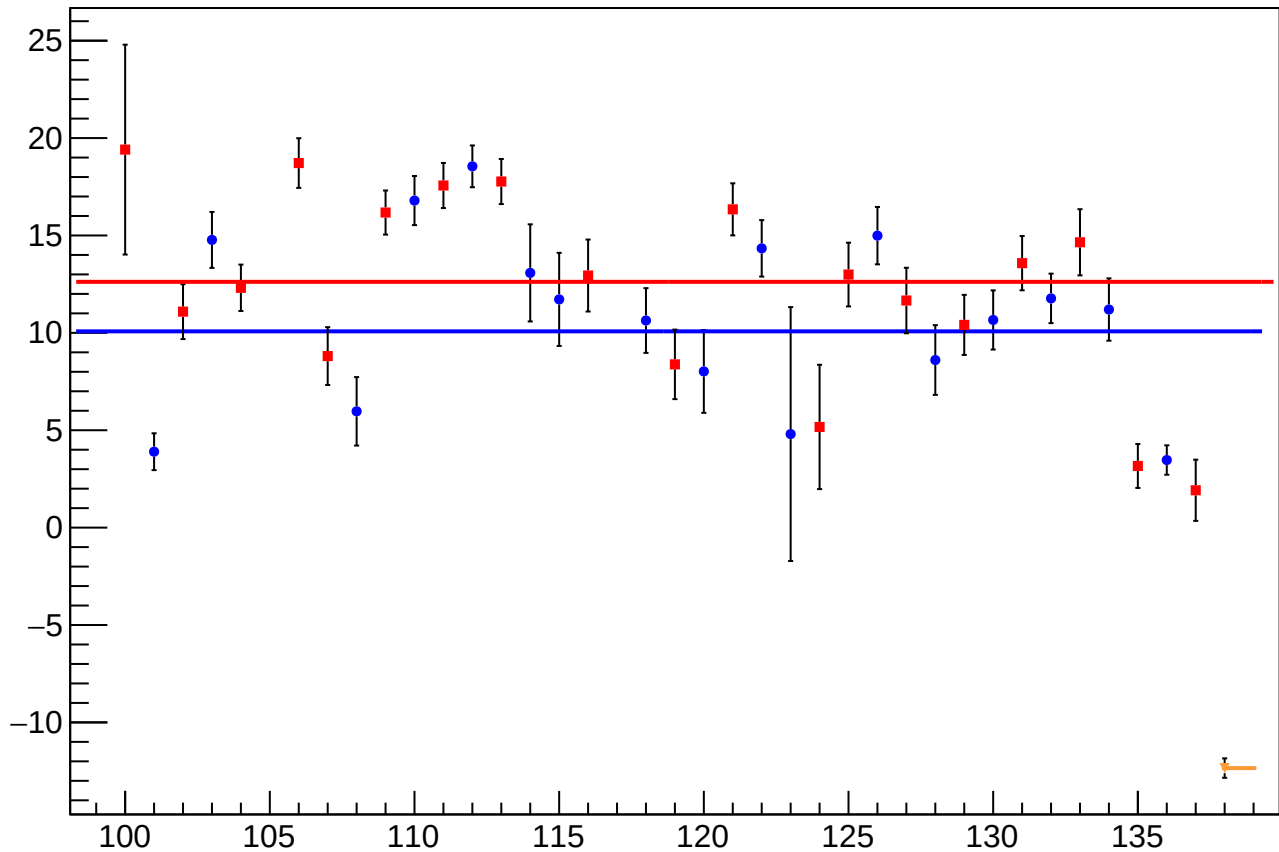
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Out: -7.590 ± 0.171 χ^2/NDF : 255.9/19

All: -7.615 ± 0.126 χ^2/NDF : 649.6/36

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -12.346 ± 0.498 χ^2/NDF : 0.0/0

Right Out: 12.620 ± 0.332 χ^2/NDF : 220.0/18

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

Left: -12.346 ± 0.498 χ^2/NDF : 0.0/0

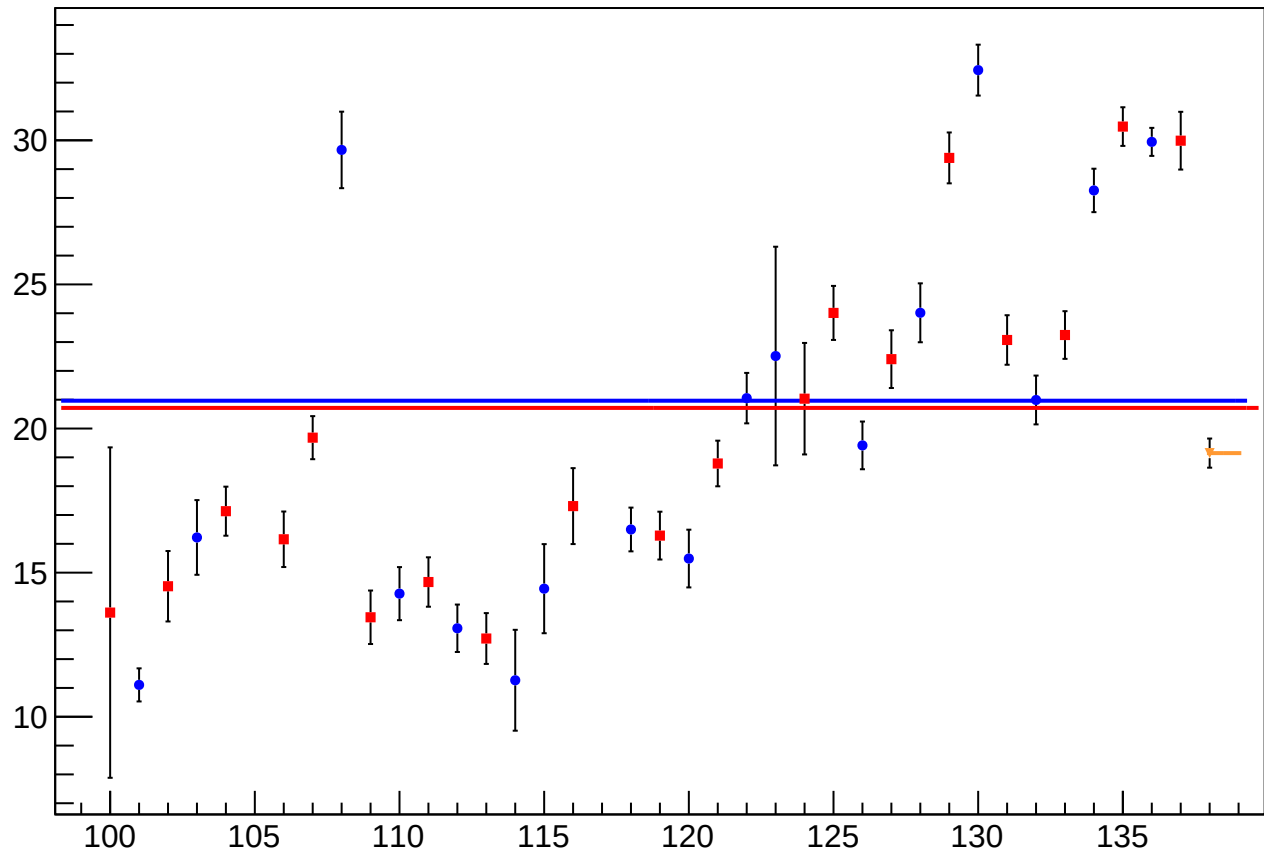
Right: 11.365 ± 0.237 χ^2/NDF : 501.6/35

In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Out: 4.933 ± 0.277 χ^2/NDF : 1956.5/19

All: 7.005 ± 0.214 χ^2/NDF : 2348.6/36

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: 19.147 $\pm$ 0.506 χ^2 /NDF:0.0/0

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

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

Left: 19.147 $\pm$ 0.506 χ^2 /NDF: 0.0/0

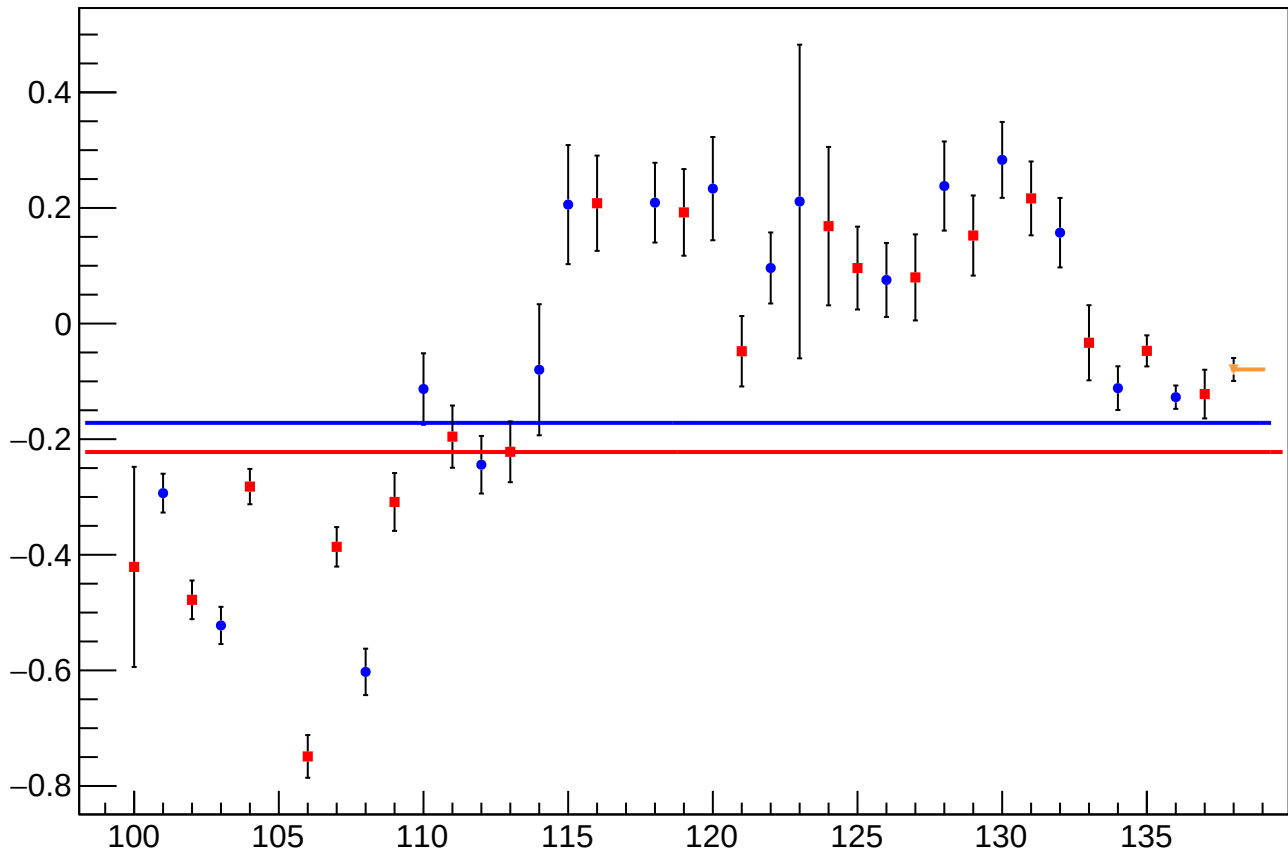
Right: 20.842 $\pm$ 0.149 χ^2 /NDF: 1956.1/35

In: 20.965 $\pm$ 0.209 χ^2 /NDF:1225.5/16

Out: 20.480 $\pm$ 0.196 χ^2 /NDF:738.1/19

All: 20.706 $\pm$ 0.143 χ^2 /NDF: 1966.4/36

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: -0.079 ± 0.020 χ^2/NDF : 0.0/0

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

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

Left: -0.079 ± 0.020 χ^2/NDF : 0.0/0

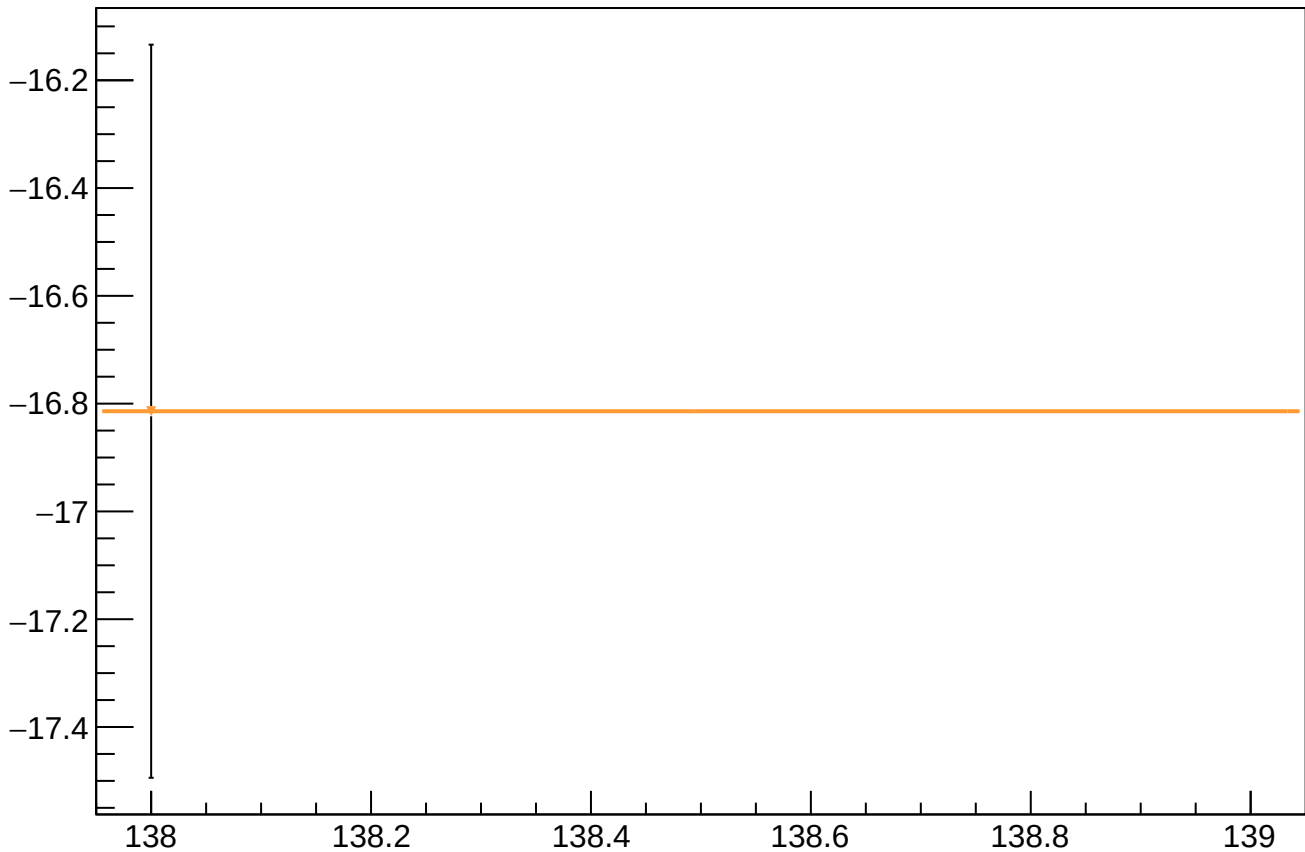
Right: -0.198 ± 0.008 χ^2/NDF : 1010.7/35

In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Out: -0.189 ± 0.010 χ^2/NDF : 575.7/19

All: -0.182 ± 0.007 χ^2/NDF : 1041.3/36

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: -16.814+/-0.680 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: -16.814+/-0.680 χ^2/NDF : 0.0/0

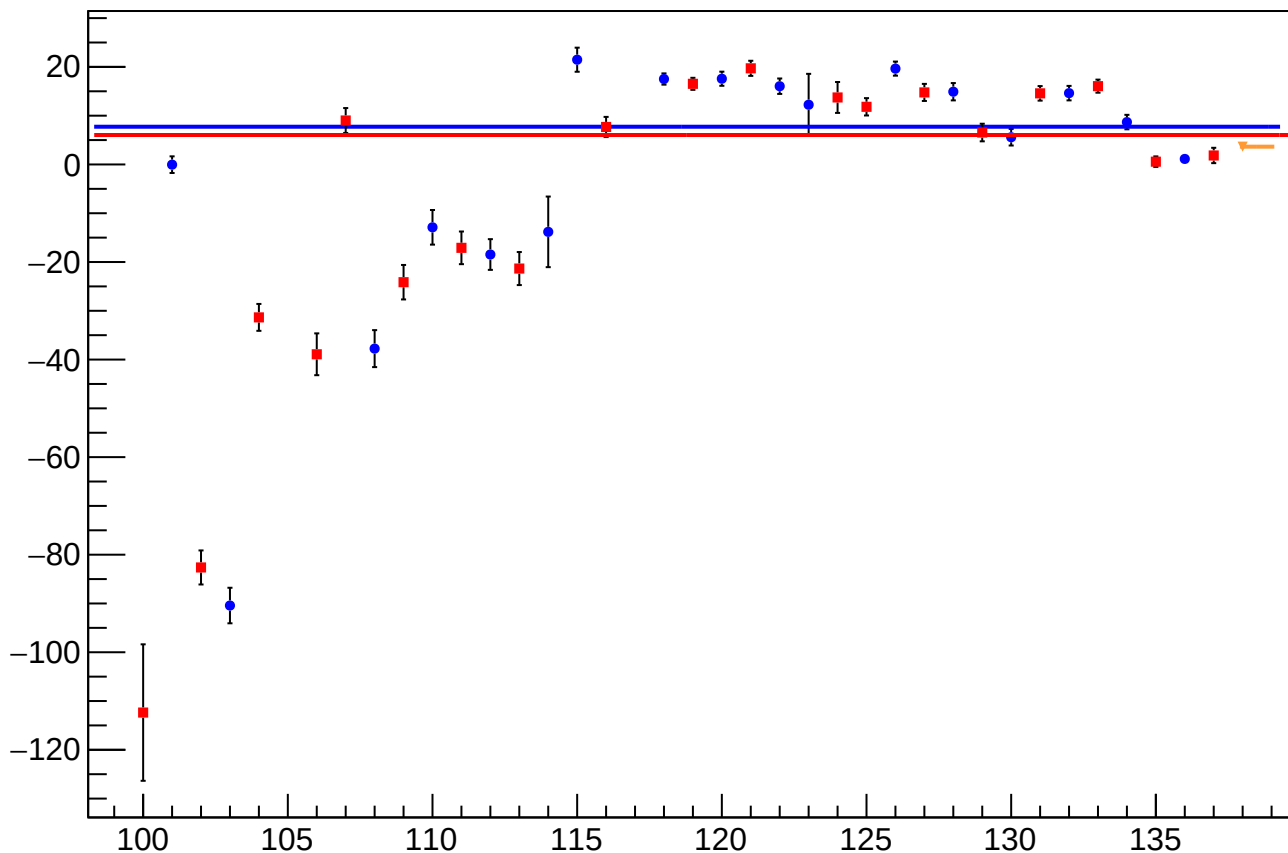
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -16.814+/-0.680 χ^2/NDF : 0.0/0

All: -16.814+/-0.680 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736 $\pm$ 0.403 χ^2 /NDF: 1358.4/16

Left Out: 3.648 $\pm$ 0.650 χ^2 /NDF:0.0/0

Right Out: 6.040 $\pm$ 0.434 χ^2 /NDF: 1512.1/18

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

Left: 3.648 $\pm$ 0.650 χ^2 /NDF: 0.0/0

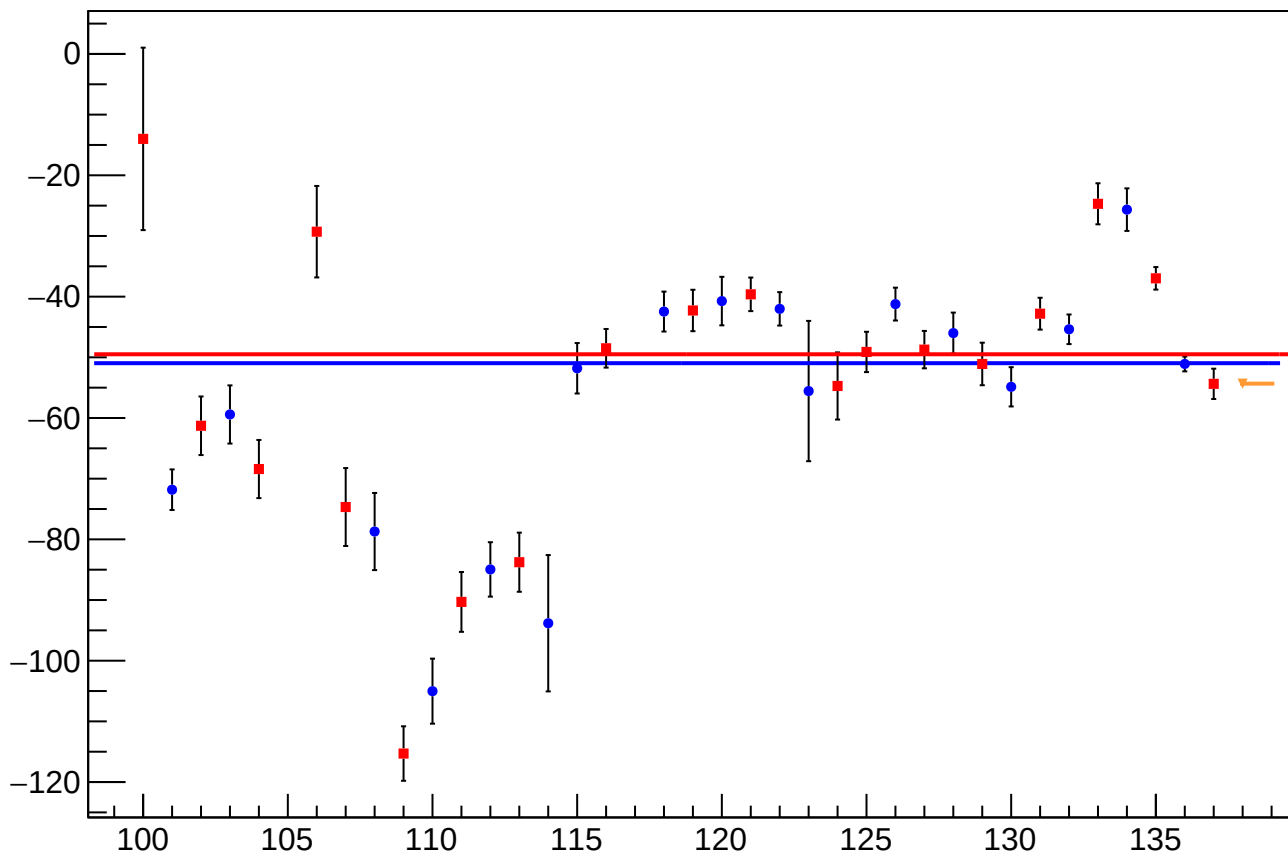
Right: 6.952 $\pm$ 0.295 χ^2 /NDF: 2878.8/35

In: 7.736 $\pm$ 0.403 χ^2 /NDF:1358.4/16

Out: 5.301 $\pm$ 0.361 χ^2 /NDF:1521.5/19

All: 6.386 $\pm$ 0.269 χ^2 /NDF: 2900.2/36

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966+/-0.738 χ^2/NDF : 332.7/16

Left Out: -54.339+/-0.737 χ^2/NDF : 0.0/0

Right Out: -49.497+/-0.797 χ^2/NDF : 510.4/18

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

Left: -54.339+/-0.737 χ^2/NDF : 0.0/0

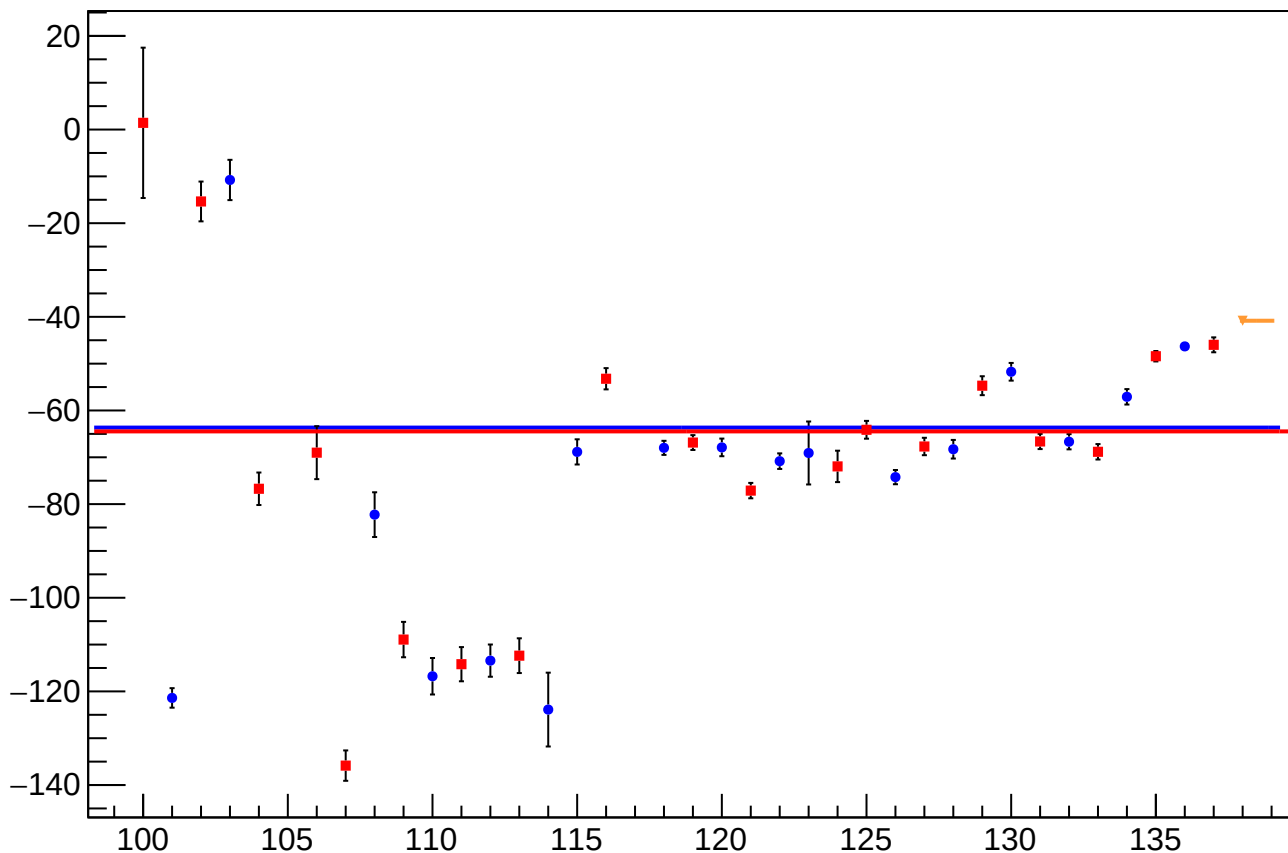
Right: -50.288+/-0.541 χ^2/NDF : 844.9/35

In: -50.966+/-0.738 χ^2/NDF : 332.7/16

Out: -52.107+/-0.541 χ^2/NDF : 530.3/19

All: -51.708+/-0.436 χ^2/NDF : 864.5/36

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 $\pm$ 0.445 χ^2 /NDF: 2014.7/16

Left Out: -40.834 $\pm$ 0.753 χ^2 /NDF:0.0/0

Right Out: -64.470 $\pm$ 0.483 χ^2 /NDF: 1606.8/18

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

Left: -40.834 $\pm$ 0.753 χ^2 /NDF: 0.0/0

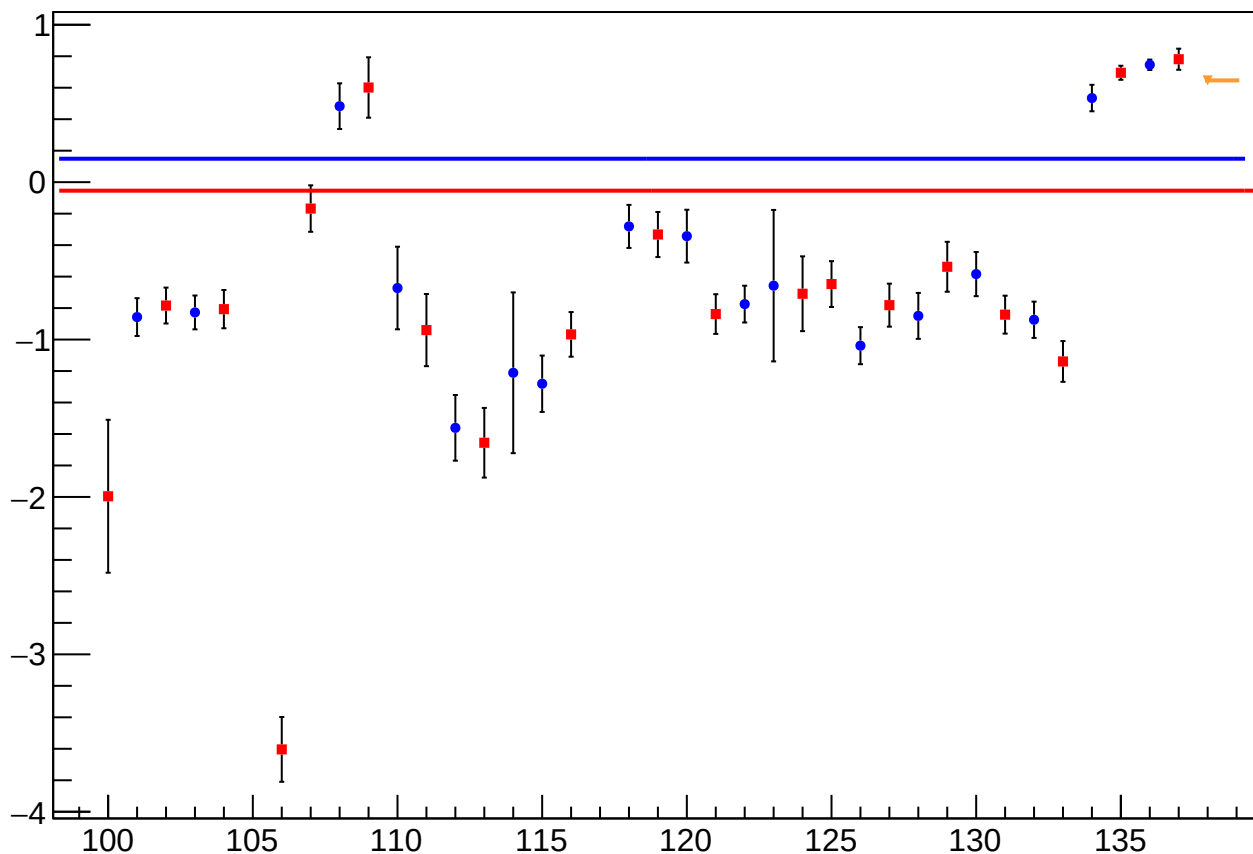
Right: -64.030 $\pm$ 0.327 χ^2 /NDF: 3623.1/35

In: -63.656 $\pm$ 0.445 χ^2 /NDF:2014.7/16

Out: -57.585 $\pm$ 0.406 χ^2 /NDF:2305.9/19

All: -60.342 $\pm$ 0.300 χ^2 /NDF: 4422.0/36

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: 0.647 $\pm$ 0.029 χ^2 /NDF:0.0/0

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

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

Left: 0.647 $\pm$ 0.029 χ^2 /NDF: 0.0/0

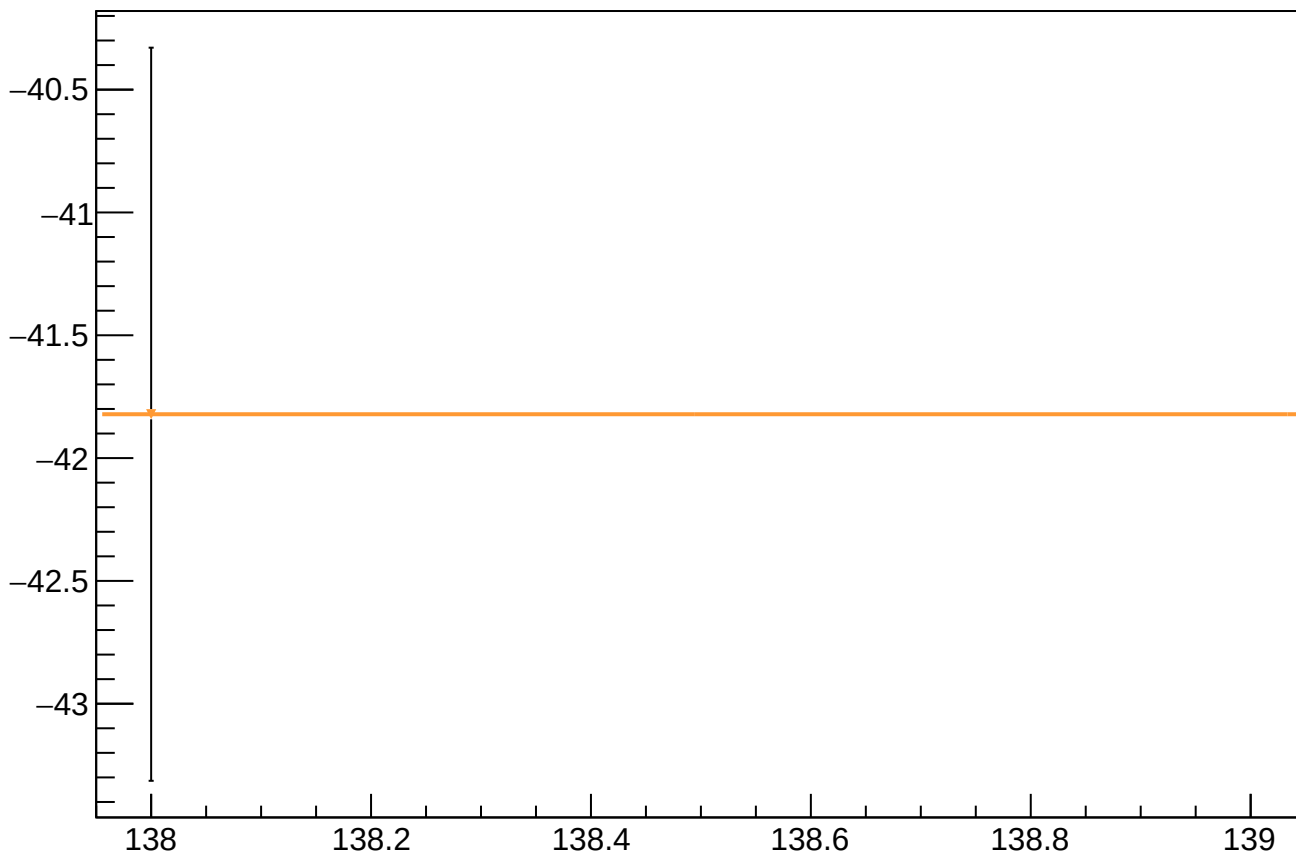
Right: 0.056 $\pm$ 0.018 χ^2 /NDF: 2190.5/35

In: 0.149 $\pm$ 0.024 χ^2 /NDF:989.9/16

Out: 0.256 $\pm$ 0.020 χ^2 /NDF:1484.5/19

All: 0.213 $\pm$ 0.015 χ^2 /NDF: 2486.4/36

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.821+/-1.492 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: -41.821+/-1.492 χ^2/NDF : 0.0/0

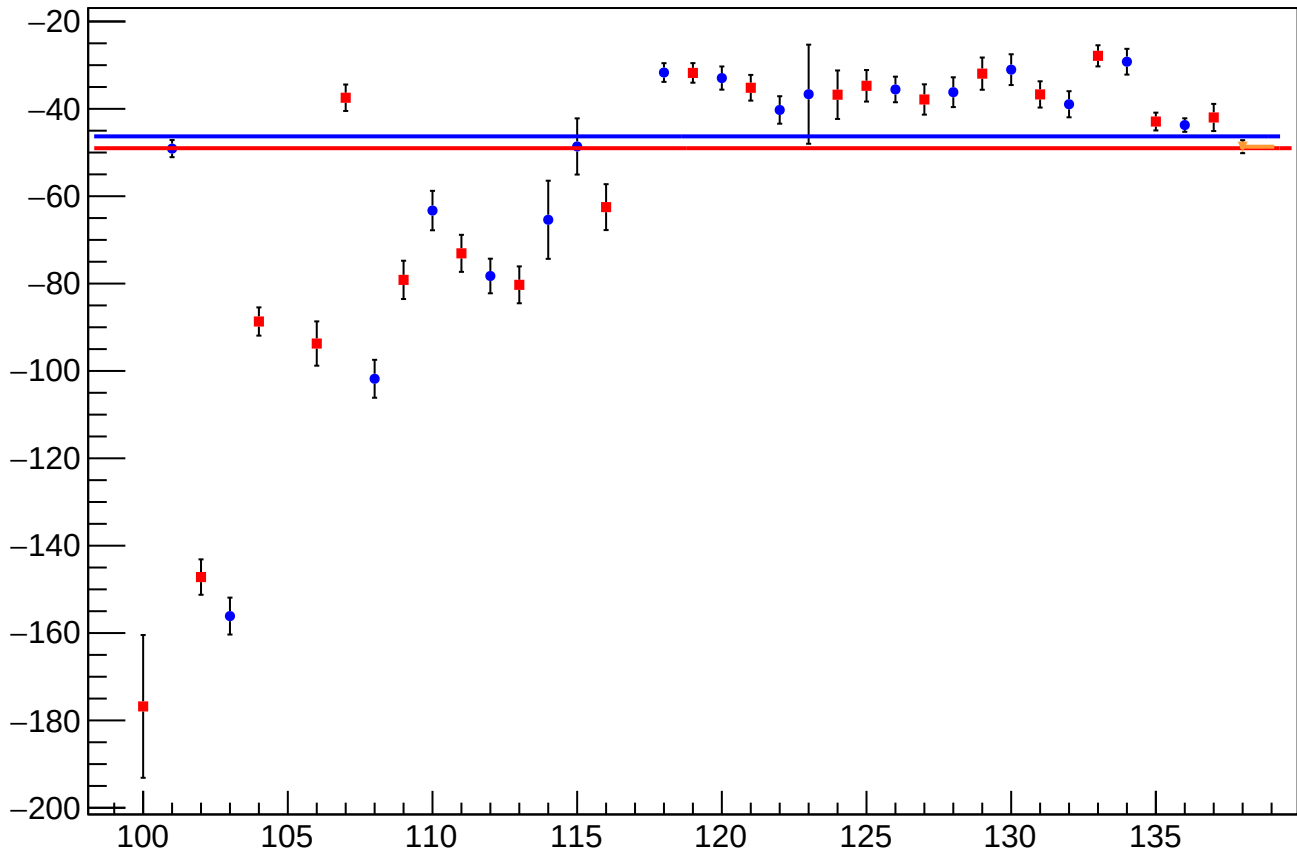
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -41.821+/-1.492 χ^2/NDF : 0.0/0

All: -41.821+/-1.492 χ^2/NDF : 0.0/0

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: -48.663 ± 1.485 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

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

Left: -48.663 ± 1.485 $\chi^2/\text{NDF}: 0.0/0$

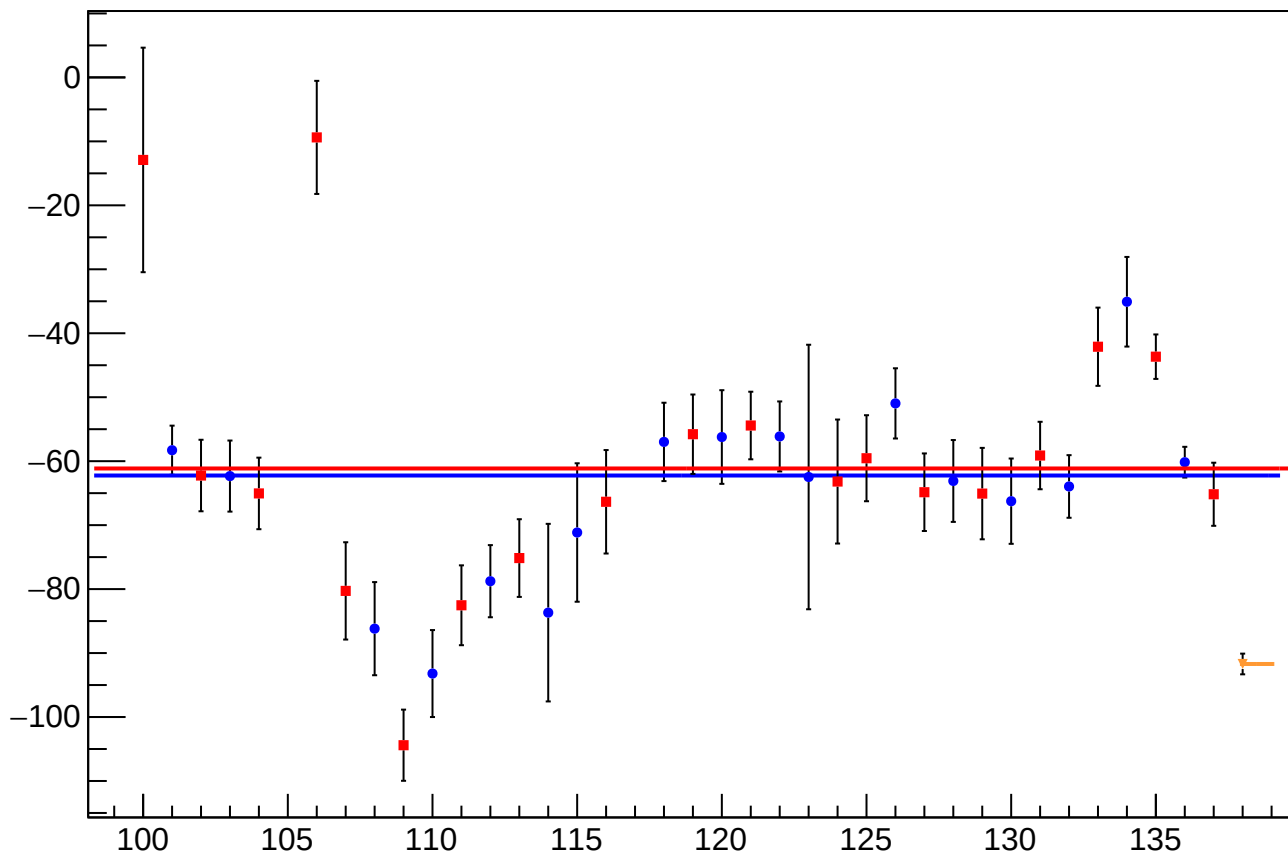
Right: -47.580 ± 0.525 $\chi^2/\text{NDF}: 2362.3/35$

In: -46.300 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Out: -48.936 ± 0.679 $\chi^2/\text{NDF}: 1271.7/19$

All: -47.700 ± 0.495 $\chi^2/\text{NDF}: 2362.8/36$

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: -91.708 ± 1.618 χ^2/NDF : 0.0/0

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

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

Left: -91.708 ± 1.618 χ^2/NDF : 0.0/0

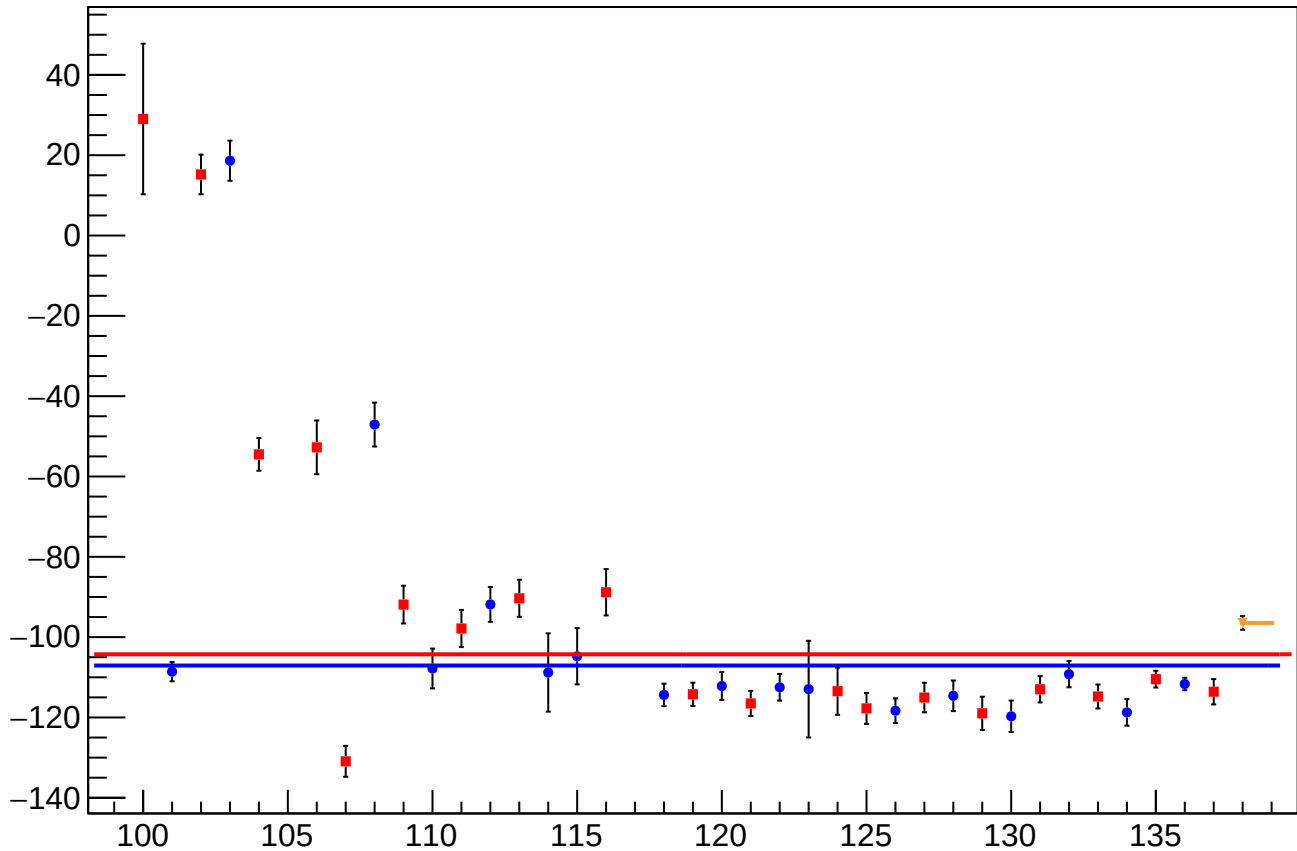
Right: -61.720 ± 0.950 χ^2/NDF : 233.3/35

In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Out: -74.008 ± 1.050 χ^2/NDF : 372.2/19

All: -69.408 ± 0.819 χ^2/NDF : 488.8/36

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: -96.464+/-1.703 χ^2/NDF :0.0/0

Right Out: -104.269+/-0.861 χ^2/NDF : 1018.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: -96.464+/-1.703 χ^2/NDF : 0.0/0

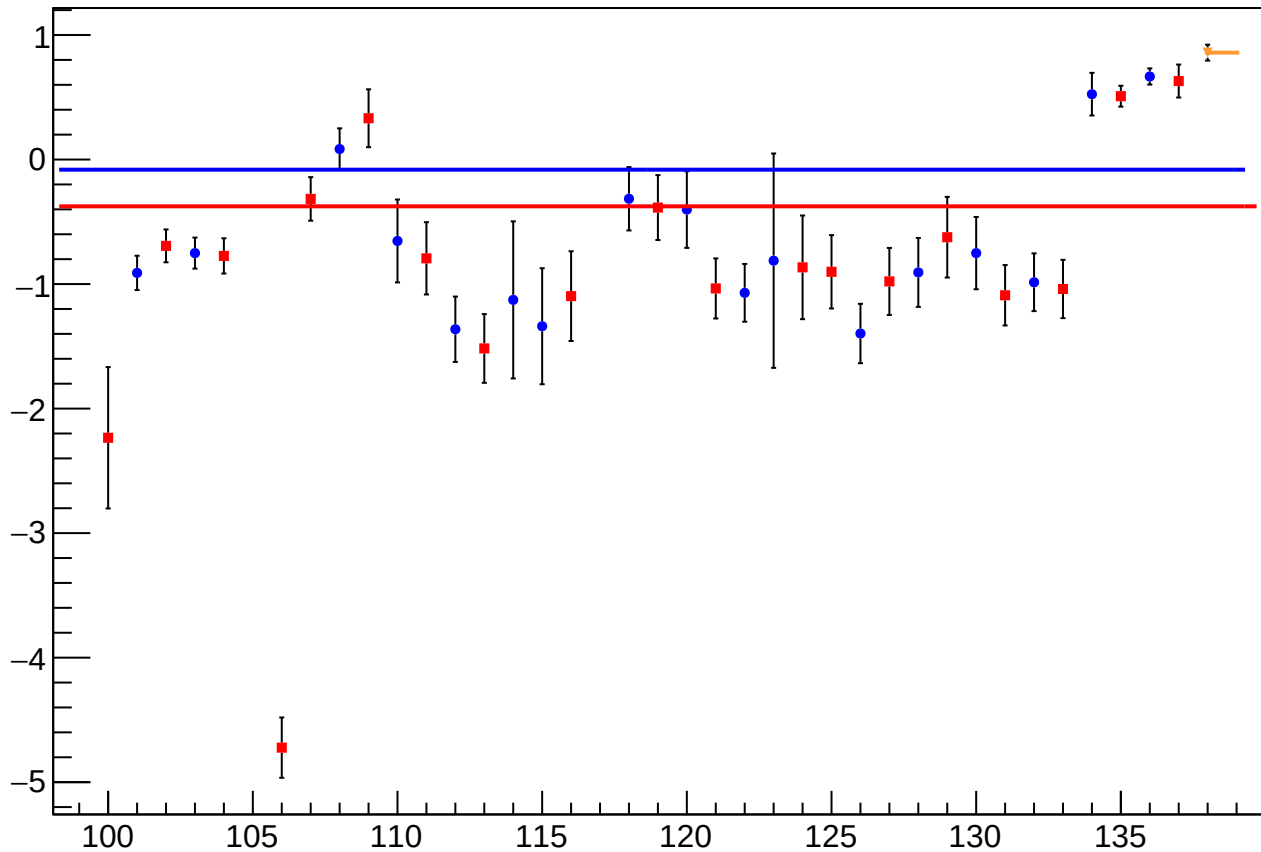
Right: -105.751+/-0.590 χ^2/NDF : 1852.6/35

In: -107.066+/-0.811 χ^2/NDF :828.4/16

Out: -102.680+/-0.768 χ^2/NDF :1035.4/19

All: -104.754+/-0.558 χ^2/NDF : 1879.2/36

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: 0.858 ± 0.064 χ^2/NDF : 0.0/0

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

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

Left: 0.858 ± 0.064 χ^2/NDF : 0.0/0

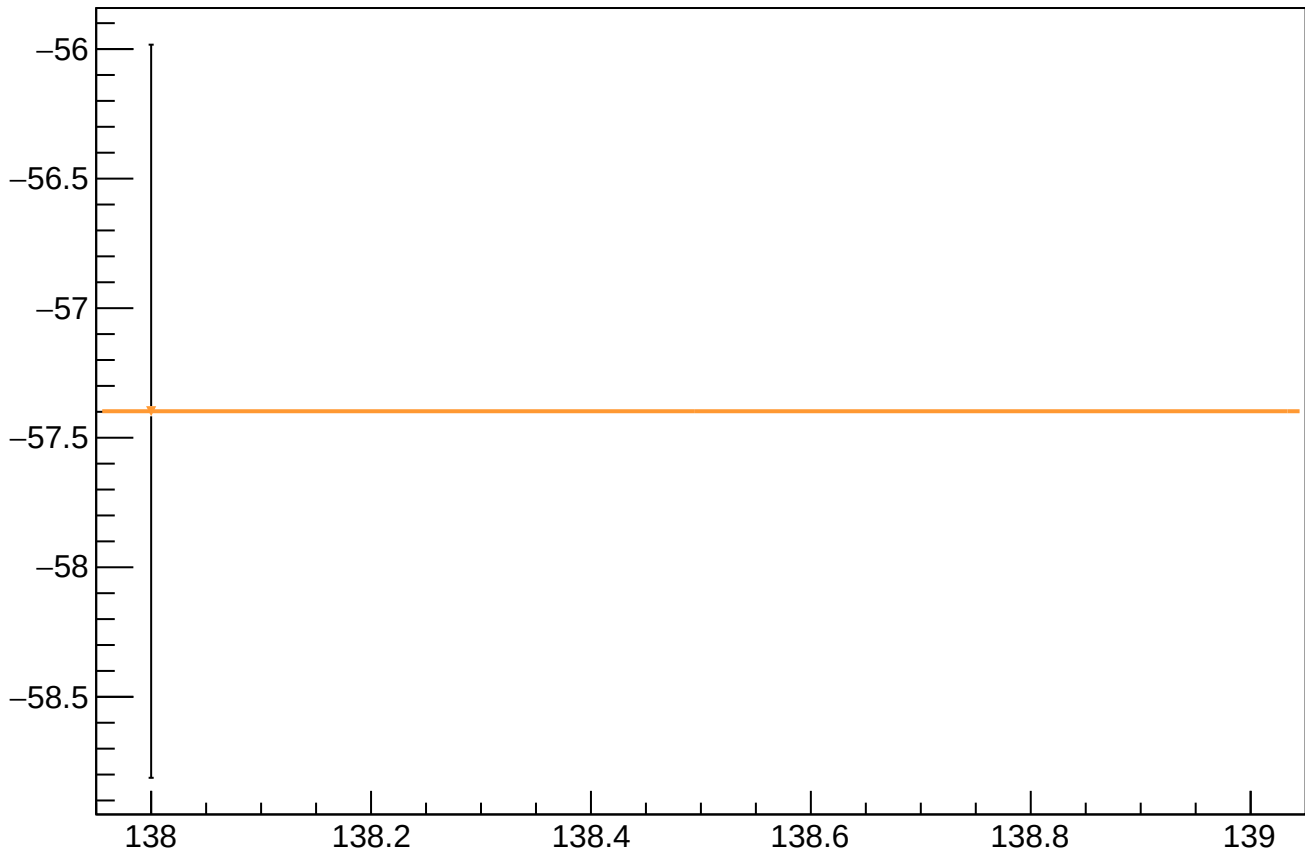
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Out: 0.020 ± 0.036 χ^2/NDF : 836.3/19

All: -0.023 ± 0.027 χ^2/NDF : 1168.5/36

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -57.398 ± 1.415 $\chi^2/\text{NDF}: 0.0/0$

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

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

Left: -57.398 ± 1.415 $\chi^2/\text{NDF}: 0.0/0$

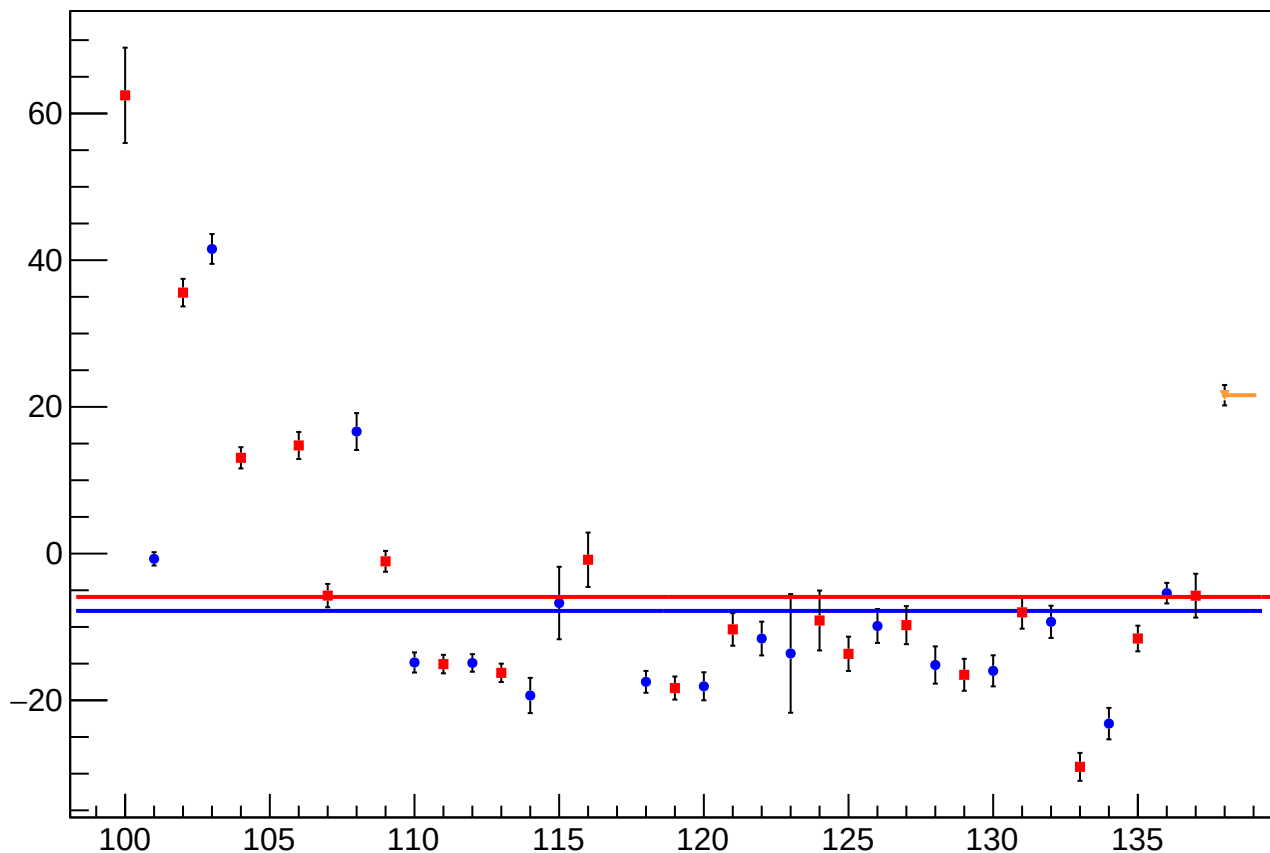
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Out: -57.398 ± 1.415 $\chi^2/\text{NDF}: 0.0/0$

All: -57.398 ± 1.415 $\chi^2/\text{NDF}: 0.0/0$

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: 21.593 ± 1.394 χ^2/NDF : 0.0/0

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

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

Left: 21.593 ± 1.394 χ^2/NDF : 0.0/0

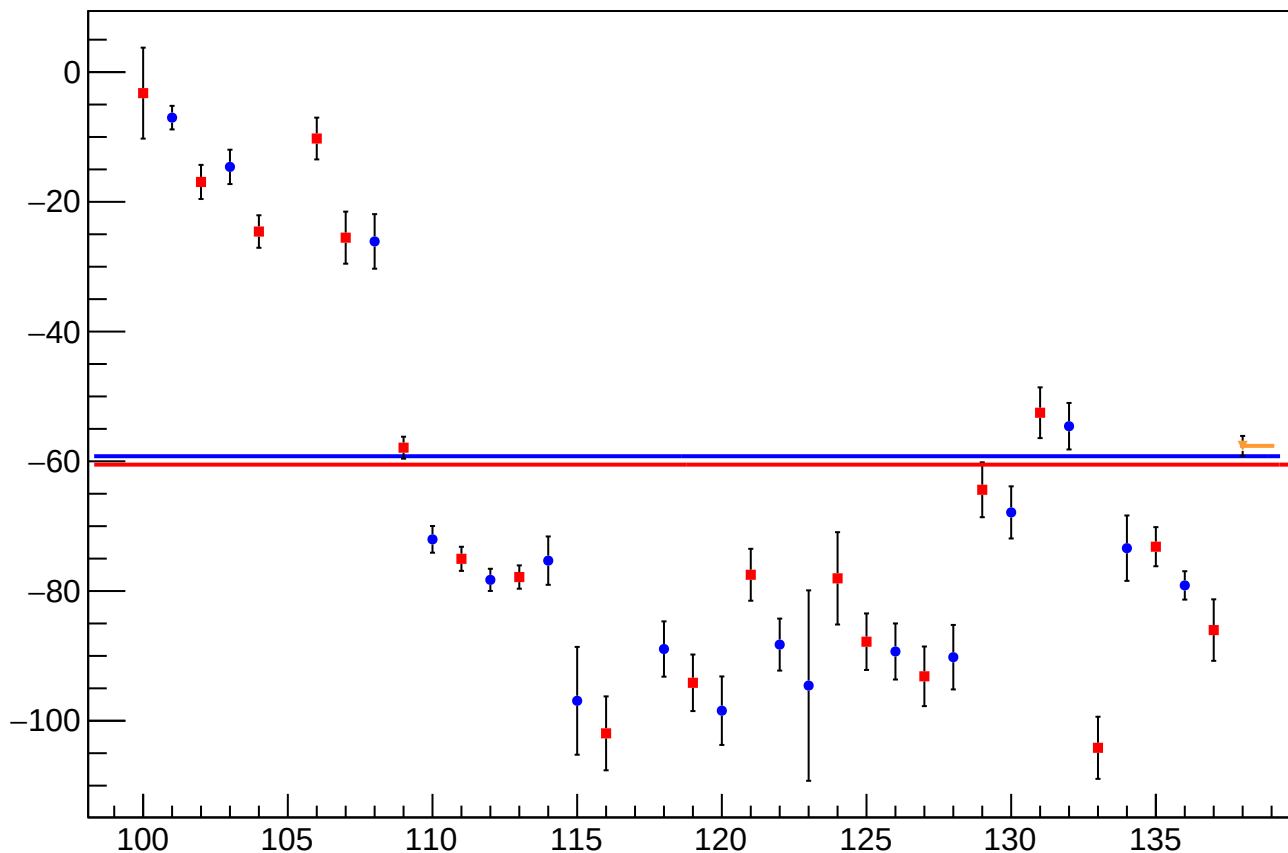
Right: -6.864 ± 0.303 χ^2/NDF : 2285.7/35

In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Out: -3.528 ± 0.410 χ^2/NDF : 1648.6/19

All: -5.582 ± 0.296 χ^2/NDF : 2683.6/36

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214 $\pm$ 0.744 χ^2 /NDF: 1720.4/16

Left Out: -57.620 $\pm$ 1.533 χ^2 /NDF:0.0/0

Right Out: -60.513 $\pm$ 0.704 χ^2 /NDF: 1383.9/18

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

Left: -57.620 $\pm$ 1.533 χ^2 /NDF: 0.0/0

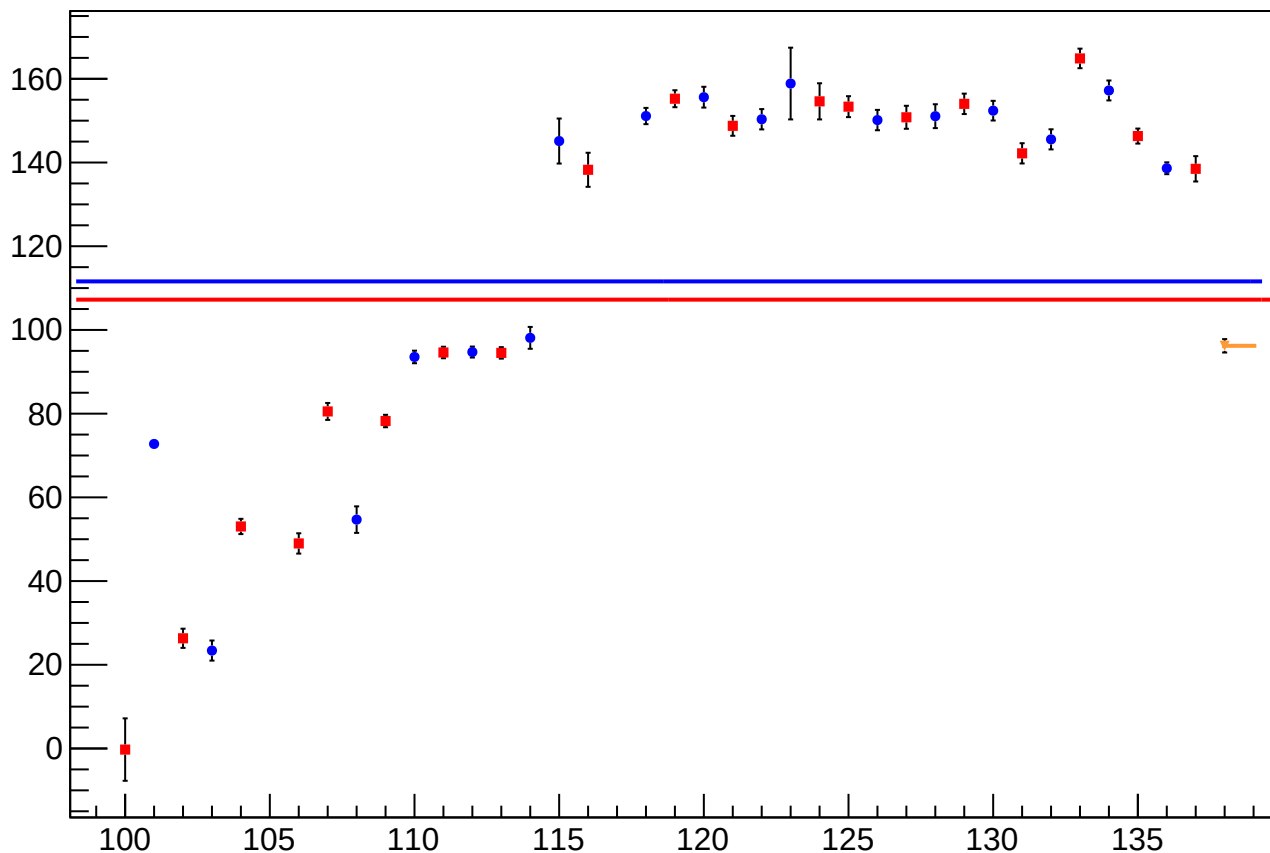
Right: -59.899 $\pm$ 0.511 χ^2 /NDF: 3105.9/35

In: -59.214 $\pm$ 0.744 χ^2 /NDF:1720.4/16

Out: -60.009 $\pm$ 0.640 χ^2 /NDF:1386.8/19

All: -59.670 $\pm$ 0.485 χ^2 /NDF: 3107.9/36

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: 96.209 $\pm$ 1.603 χ^2 /NDF:0.0/0

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

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

Left: 96.209 $\pm$ 1.603 χ^2 /NDF: 0.0/0

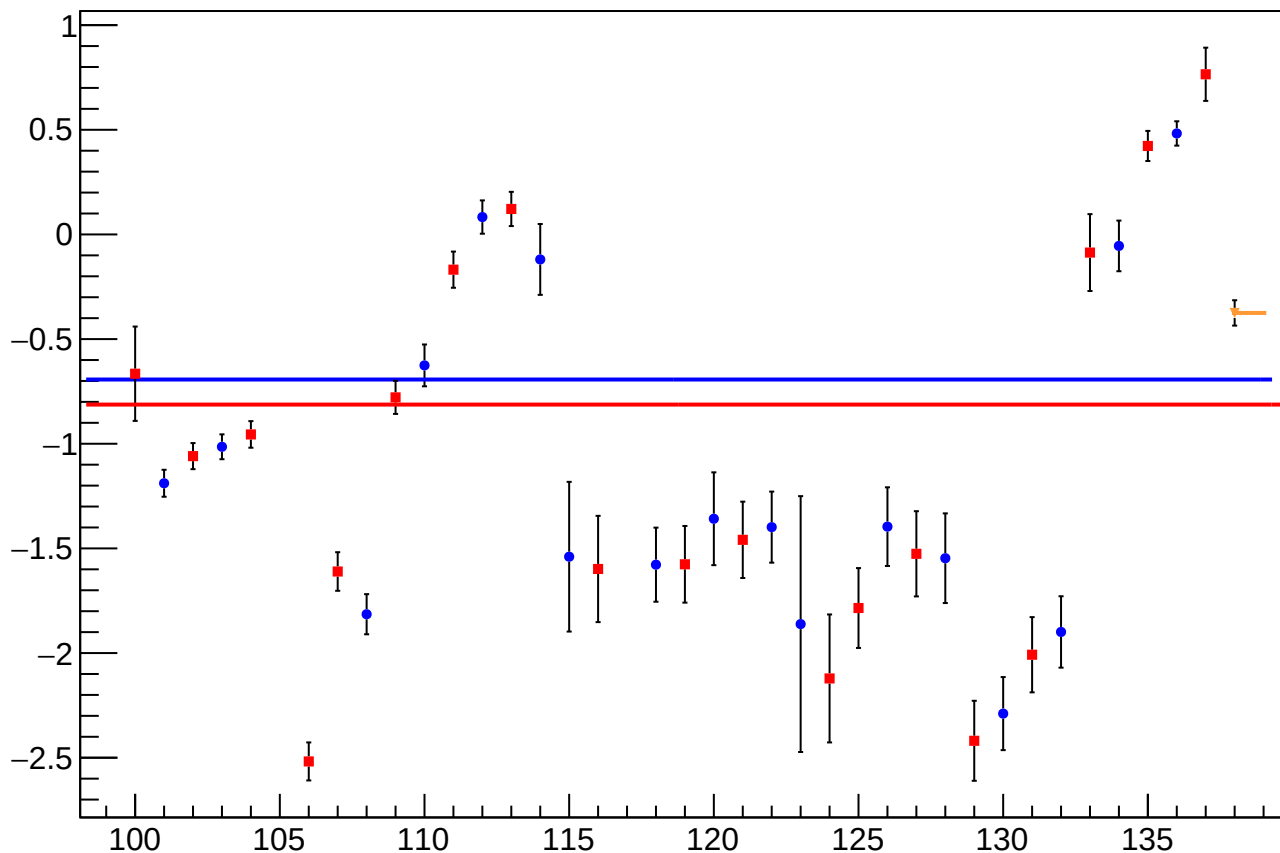
Right: 109.423 $\pm$ 0.344 χ^2 /NDF: 13037.0/35

In: 111.599 $\pm$ 0.487 χ^2 /NDF:5959.5/16

Out: 106.303 $\pm$ 0.467 χ^2 /NDF:7080.8/19

All: 108.840 $\pm$ 0.337 χ^2 /NDF: 13102.0/36

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: -0.375 ± 0.061 χ^2/NDF : 0.0/0

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

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

Left: -0.375 ± 0.061 χ^2/NDF : 0.0/0

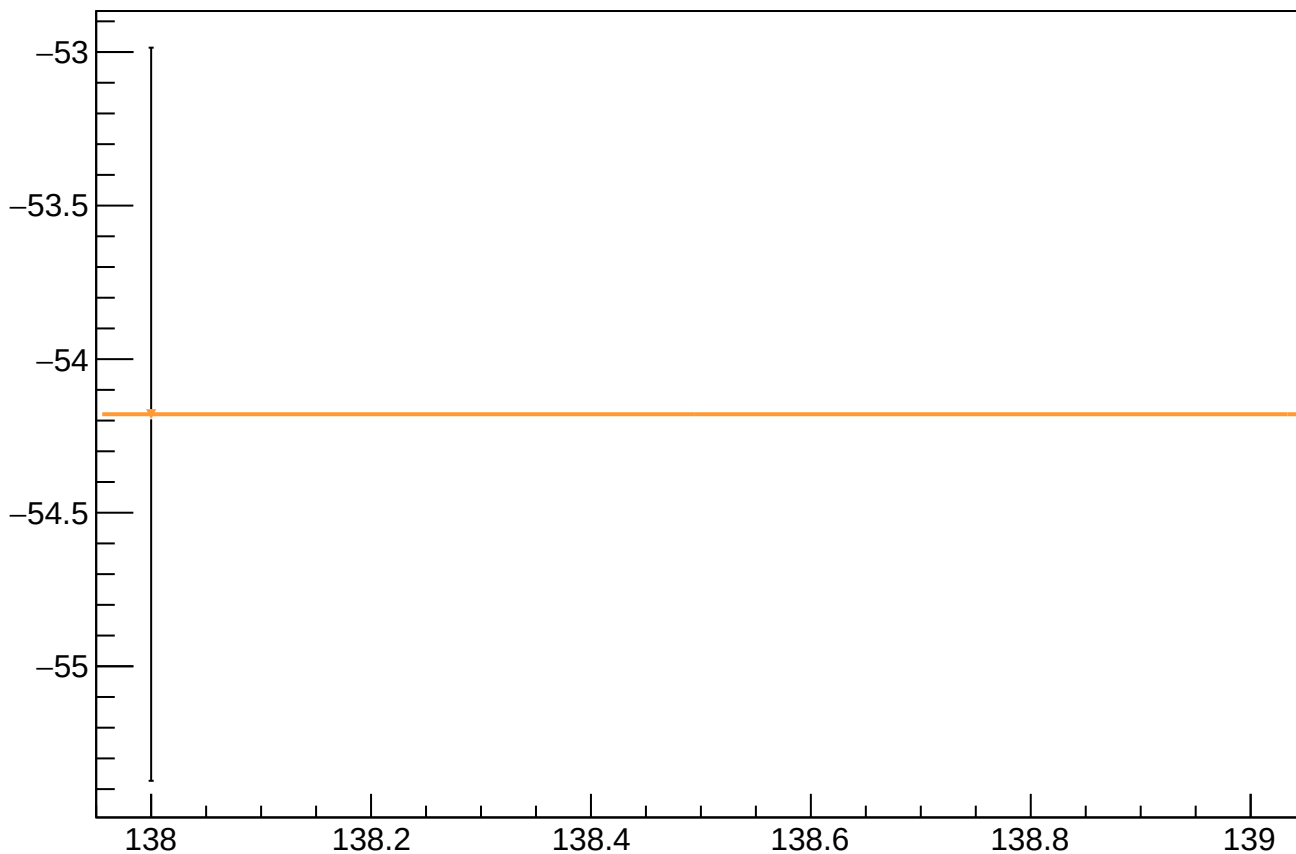
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Out: -0.752 ± 0.023 χ^2/NDF : 1355.7/19

All: -0.726 ± 0.017 χ^2/NDF : 2351.7/36

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: -54.179+/-1.194 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: -54.179+/-1.194 χ^2/NDF : 0.0/0

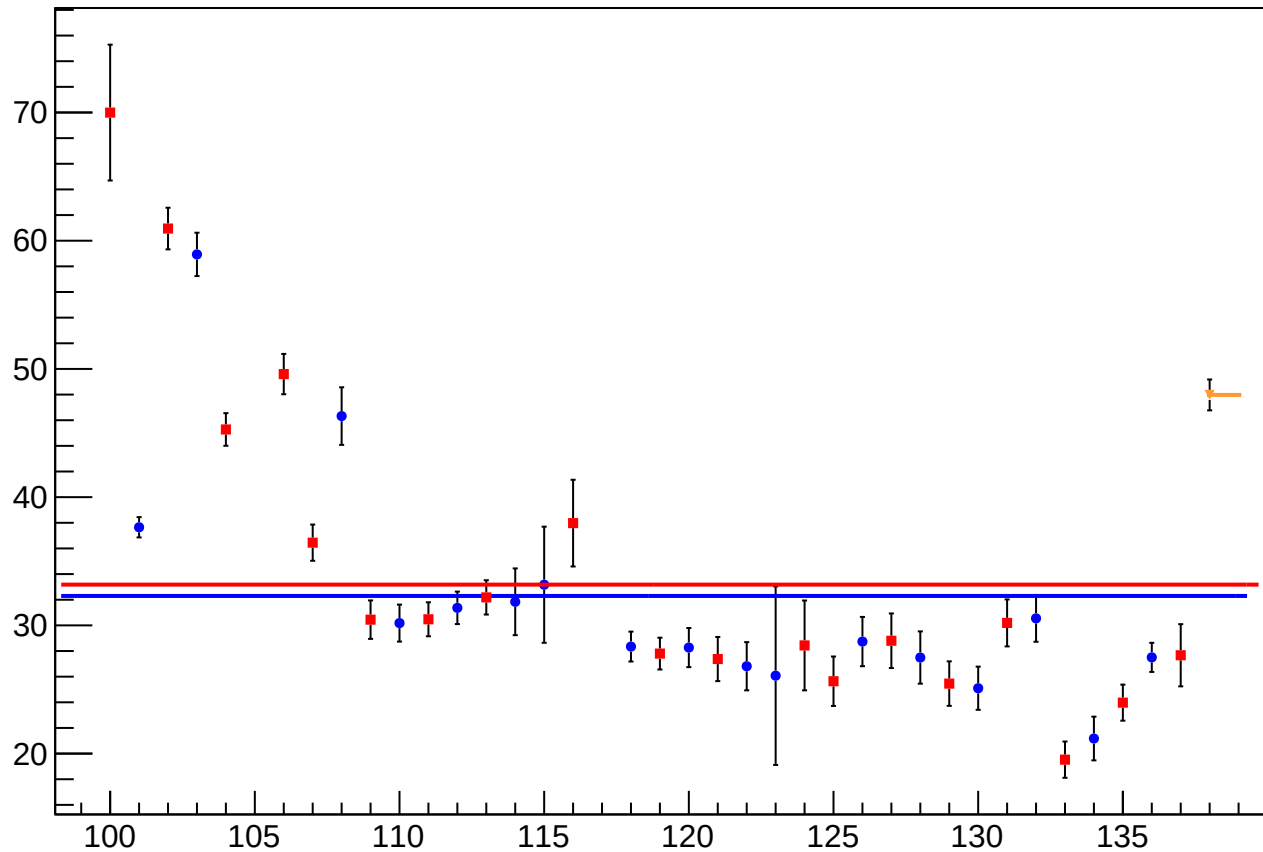
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -54.179+/-1.194 χ^2/NDF : 0.0/0

All: -54.179+/-1.194 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295+/-0.373 χ^2/NDF : 452.2/16

Left Out: 47.974+/-1.204 χ^2/NDF : 0.0/0

Right Out: 33.180+/-0.379 χ^2/NDF : 770.3/18

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

Left: 47.974+/-1.204 χ^2/NDF : 0.0/0

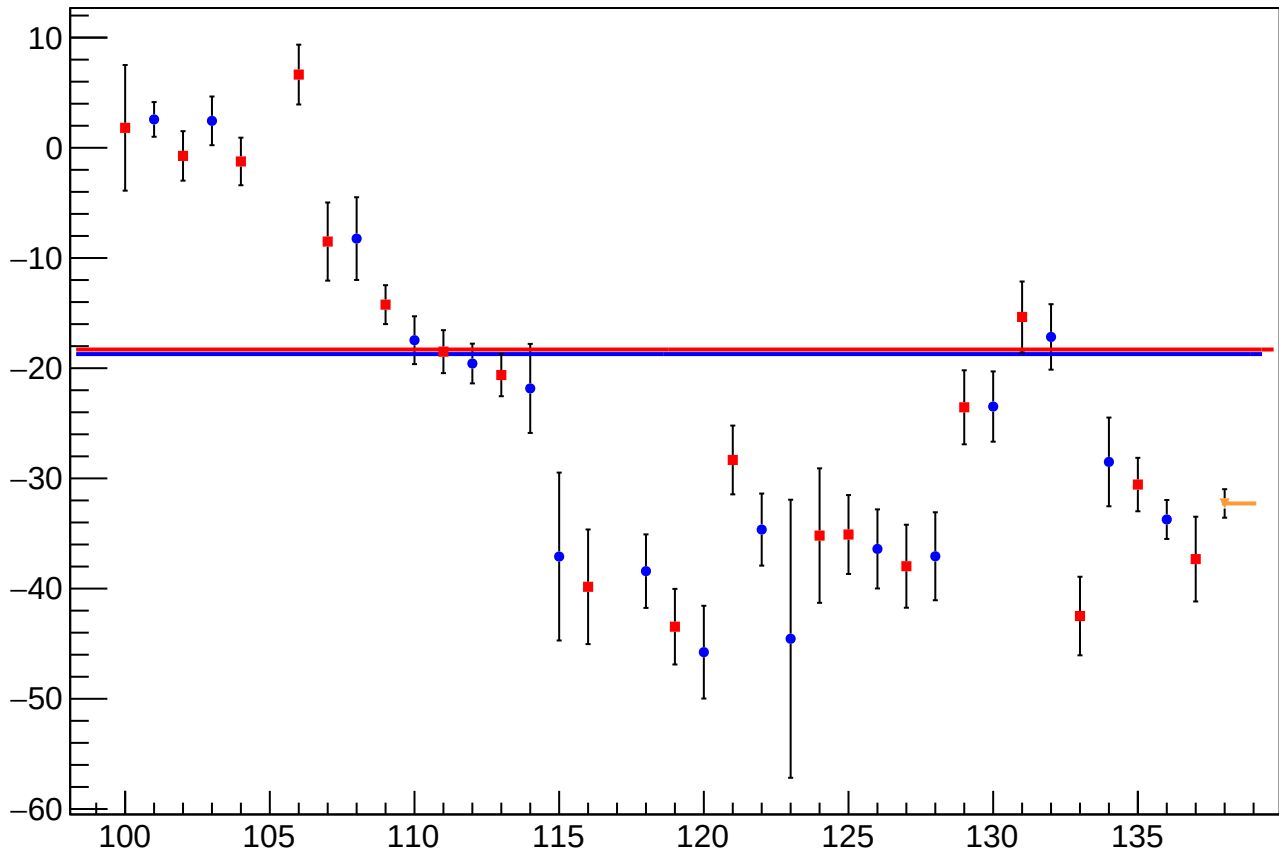
Right: 32.730+/-0.266 χ^2/NDF : 1225.3/35

In: 32.295+/-0.373 χ^2/NDF : 452.2/16

Out: 34.513+/-0.362 χ^2/NDF : 907.5/19

All: 33.437+/-0.260 χ^2/NDF : 1378.0/36

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: -32.273 ± 1.294 χ^2/NDF : 0.0/0

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

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

Left: -32.273 ± 1.294 χ^2/NDF : 0.0/0

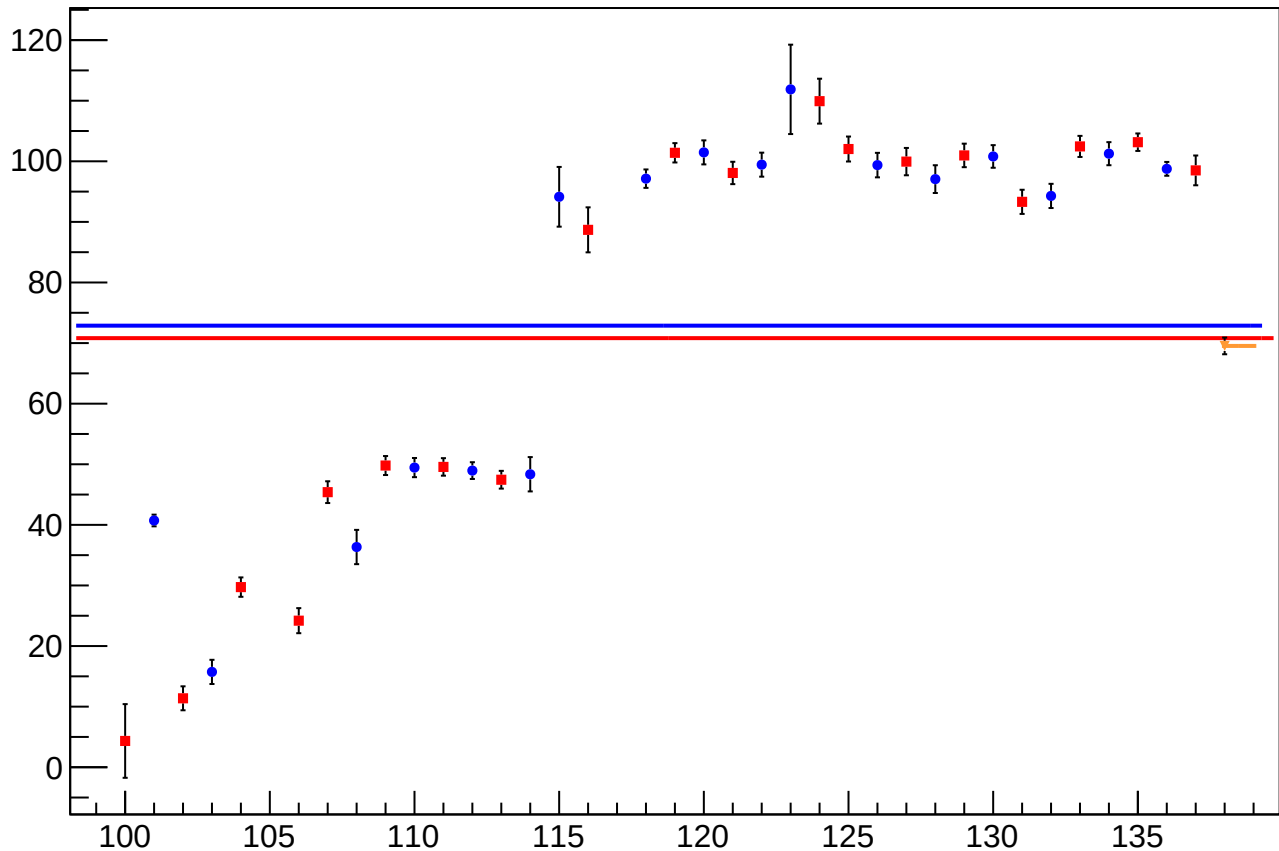
Right: -18.506 ± 0.463 χ^2/NDF : 992.4/35

In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Out: -21.076 ± 0.576 χ^2/NDF : 566.0/19

All: -20.066 ± 0.436 χ^2/NDF : 1092.8/36

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: 69.530+/-1.376 χ^2/NDF : 0.0/0

Right Out: 70.815+/-0.433 χ^2/NDF : 5489.3/18

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

Left: 69.530+/-1.376 χ^2/NDF : 0.0/0

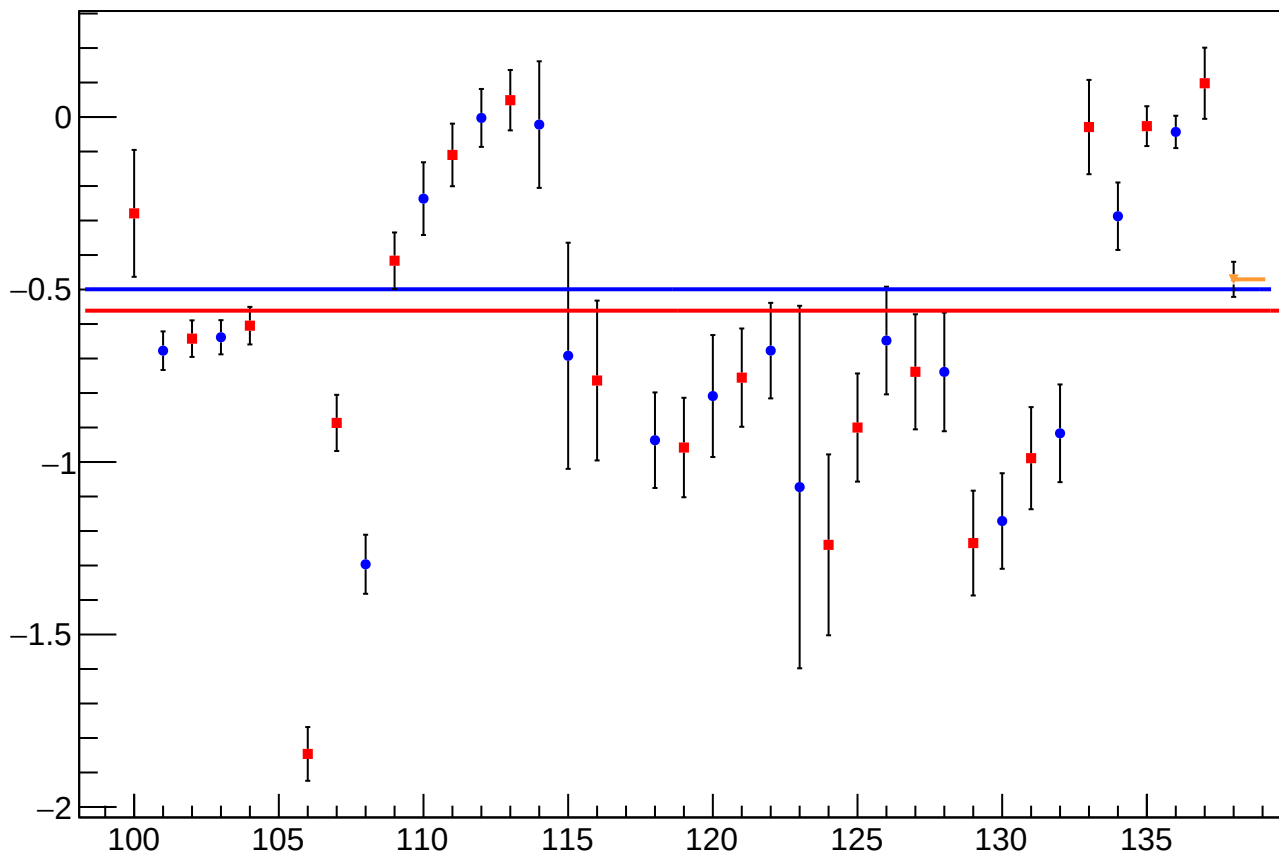
Right: 71.863+/-0.304 χ^2/NDF : 10238.7/35

In: 72.875+/-0.426 χ^2/NDF : 4737.9/16

Out: 70.699+/-0.413 χ^2/NDF : 5490.1/19

All: 71.755+/-0.297 χ^2/NDF : 10241.5/36

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: -0.471 ± 0.051 χ^2/NDF : 0.0/0

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

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

Left: -0.471 ± 0.051 χ^2/NDF : 0.0/0

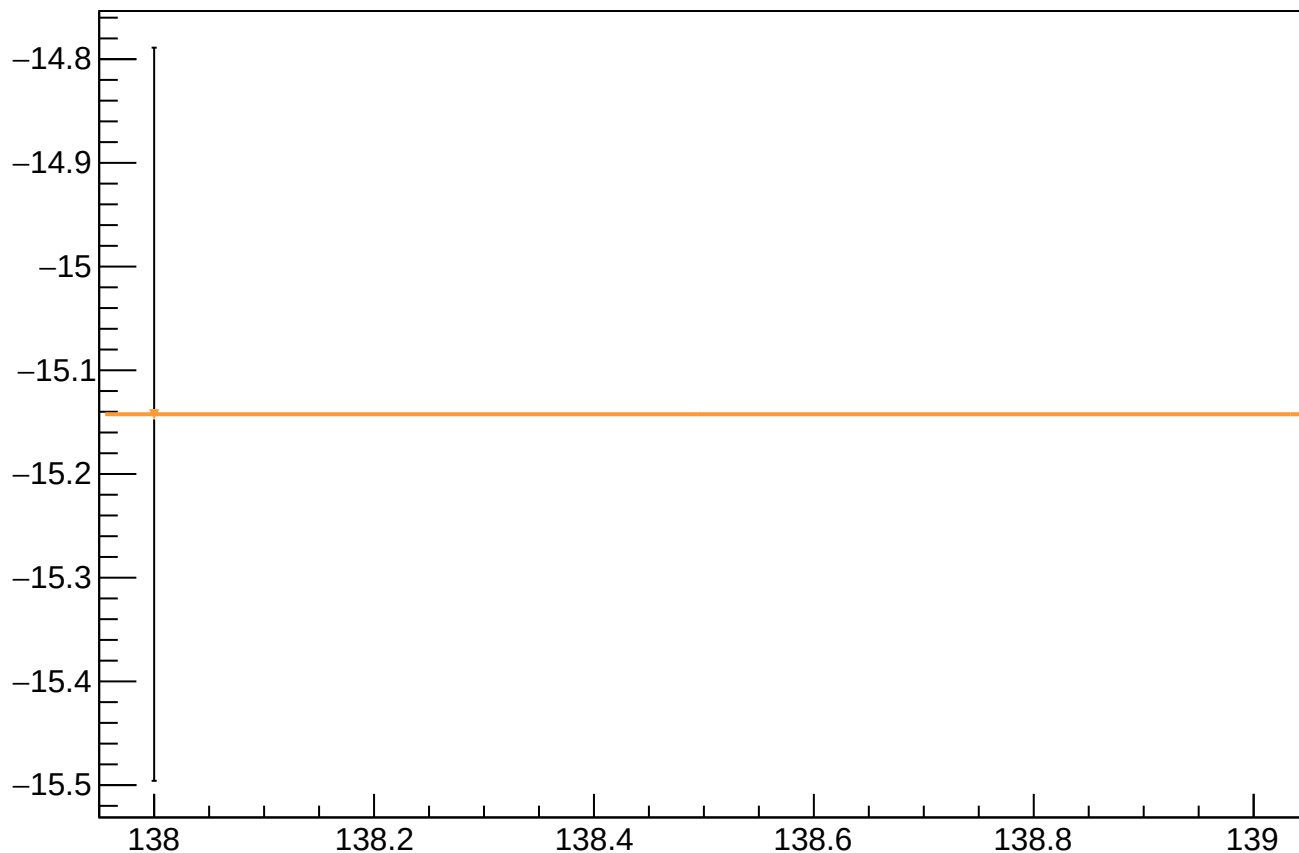
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Out: -0.548 ± 0.020 χ^2/NDF : 565.1/19

All: -0.526 ± 0.015 χ^2/NDF : 871.2/36

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: -15.142+/-0.353 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: -15.142+/-0.353 χ^2/NDF : 0.0/0

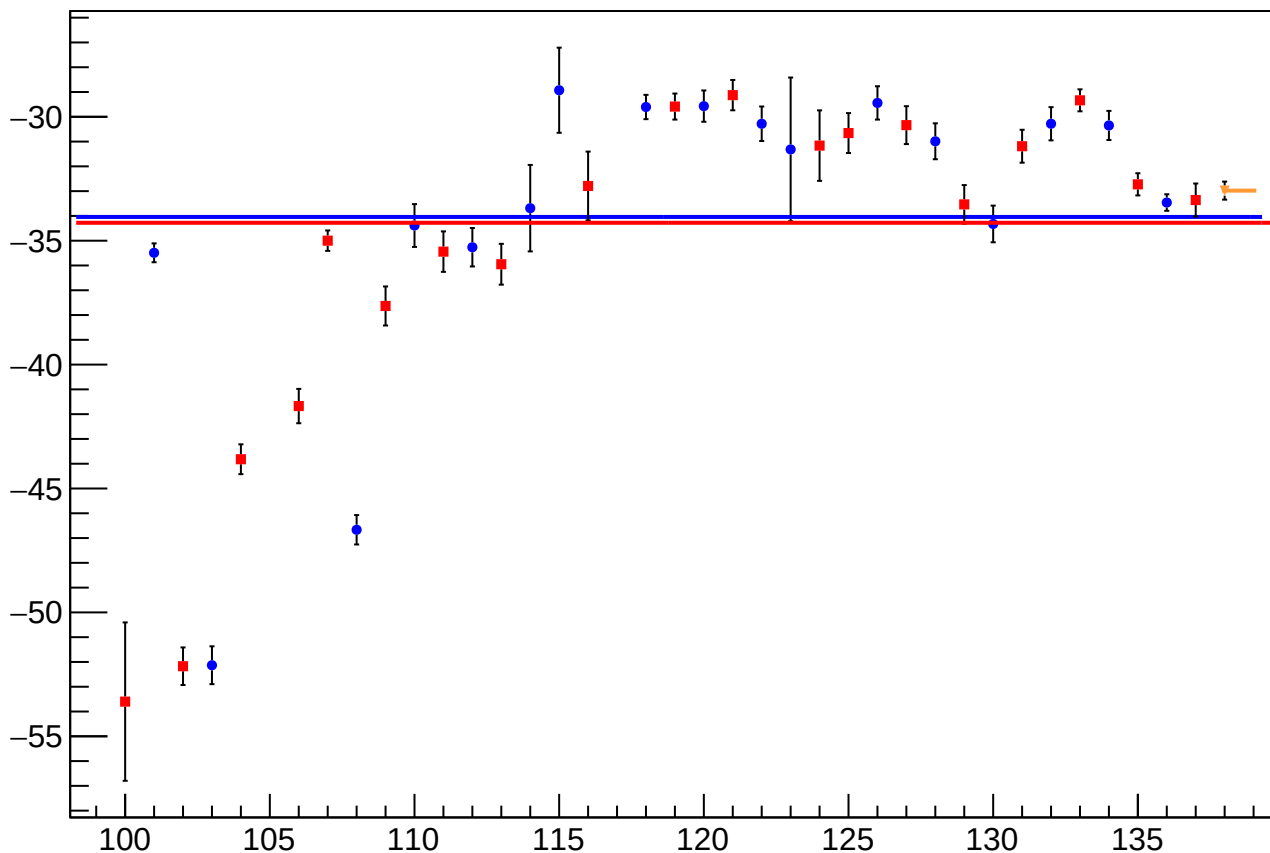
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -15.142+/-0.353 χ^2/NDF : 0.0/0

All: -15.142+/-0.353 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -32.979 ± 0.364 χ^2/NDF : 0.0/0

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

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

Left: -32.979 ± 0.364 χ^2/NDF : 0.0/0

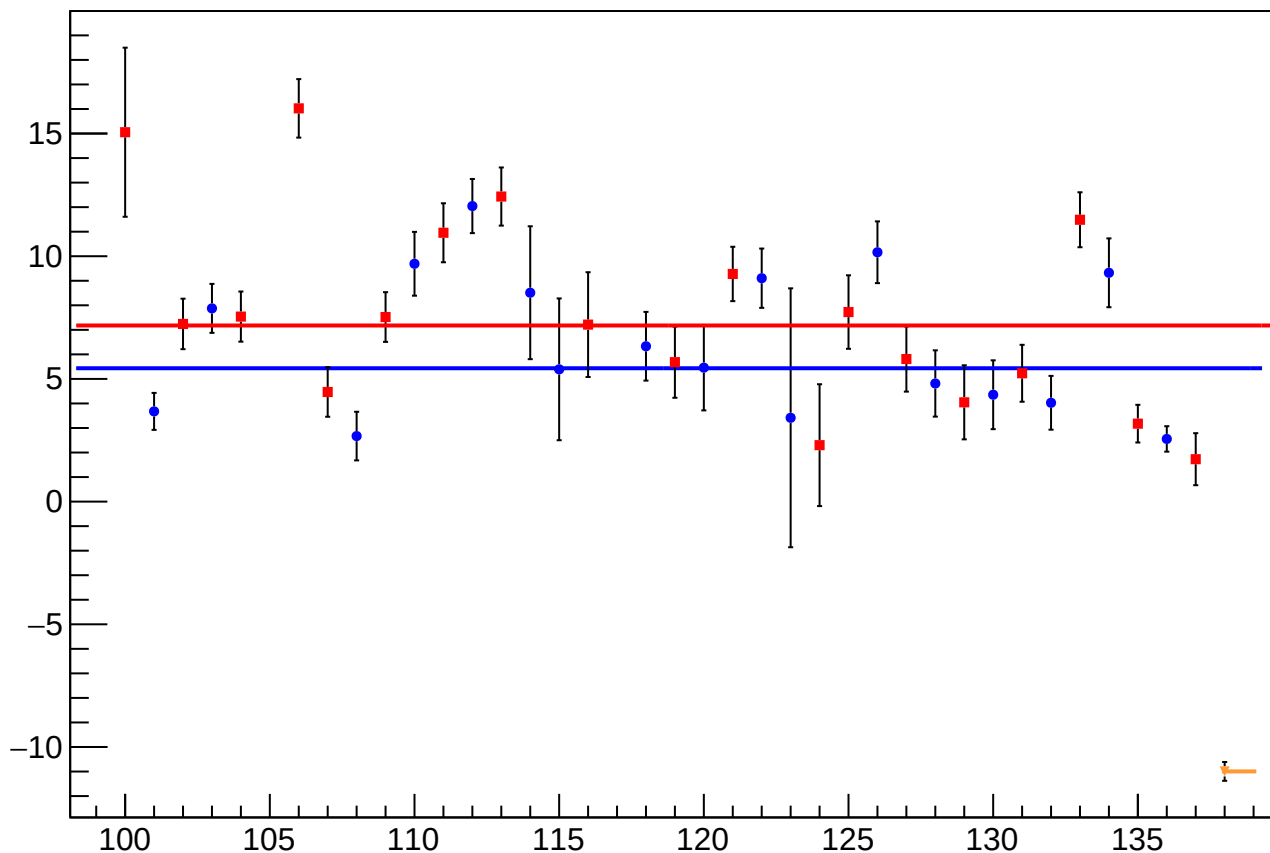
Right: -34.159 ± 0.107 χ^2/NDF : 2691.4/35

In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Out: -34.087 ± 0.139 χ^2/NDF : 1360.3/19

All: -34.066 ± 0.102 χ^2/NDF : 2701.1/36

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 $\pm$ 0.270 χ^2 /NDF: 132.0/16

Left Out: -10.994 $\pm$ 0.383 χ^2 /NDF:0.0/0

Right Out: 7.177 $\pm$ 0.274 χ^2 /NDF: 182.6/18

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

Left: -10.994 $\pm$ 0.383 χ^2 /NDF: 0.0/0

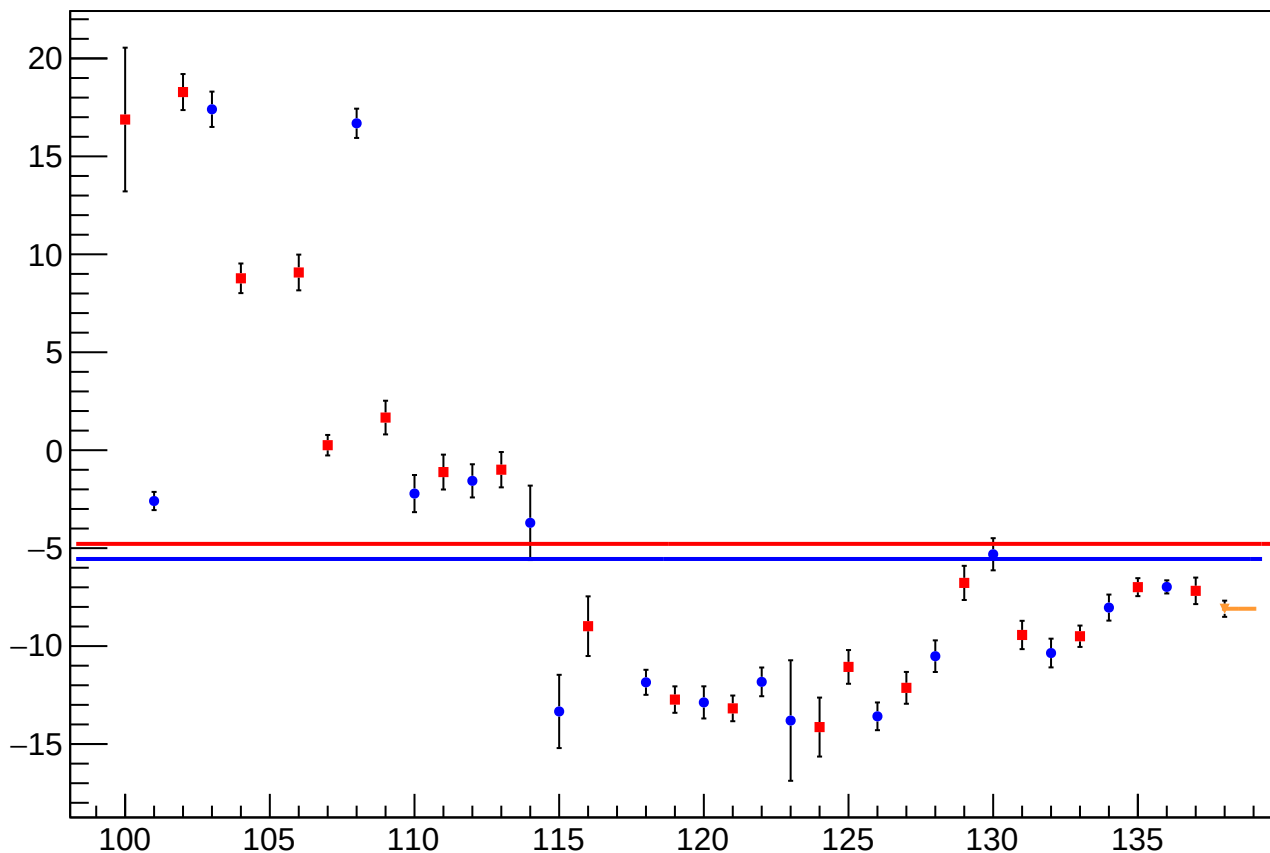
Right: 6.291 $\pm$ 0.192 χ^2 /NDF: 335.1/35

In: 5.435 $\pm$ 0.270 χ^2 /NDF:132.0/16

Out: 1.027 $\pm$ 0.223 χ^2 /NDF:1669.4/19

All: 2.818 $\pm$ 0.172 χ^2 /NDF: 1960.1/36

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -8.093 ± 0.413 χ^2/NDF : 0.0/0

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

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

Left: -8.093 ± 0.413 χ^2/NDF : 0.0/0

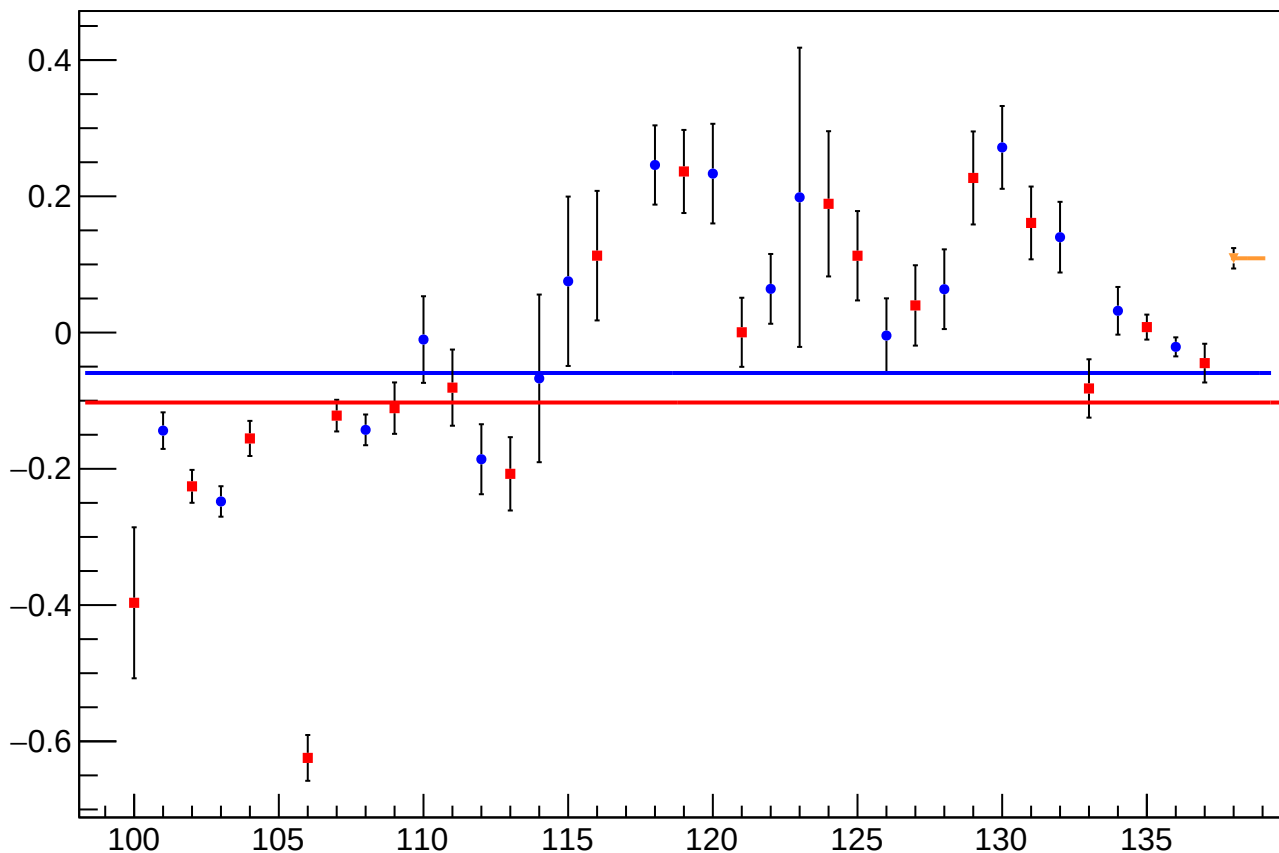
Right: -5.174 ± 0.121 χ^2/NDF : 4175.8/35

In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Out: -5.275 ± 0.159 χ^2/NDF : 2095.1/19

All: -5.405 ± 0.116 χ^2/NDF : 4221.8/36

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: 0.109 ± 0.015 χ^2/NDF : 0.0/0

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

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

Left: 0.109 ± 0.015 χ^2/NDF : 0.0/0

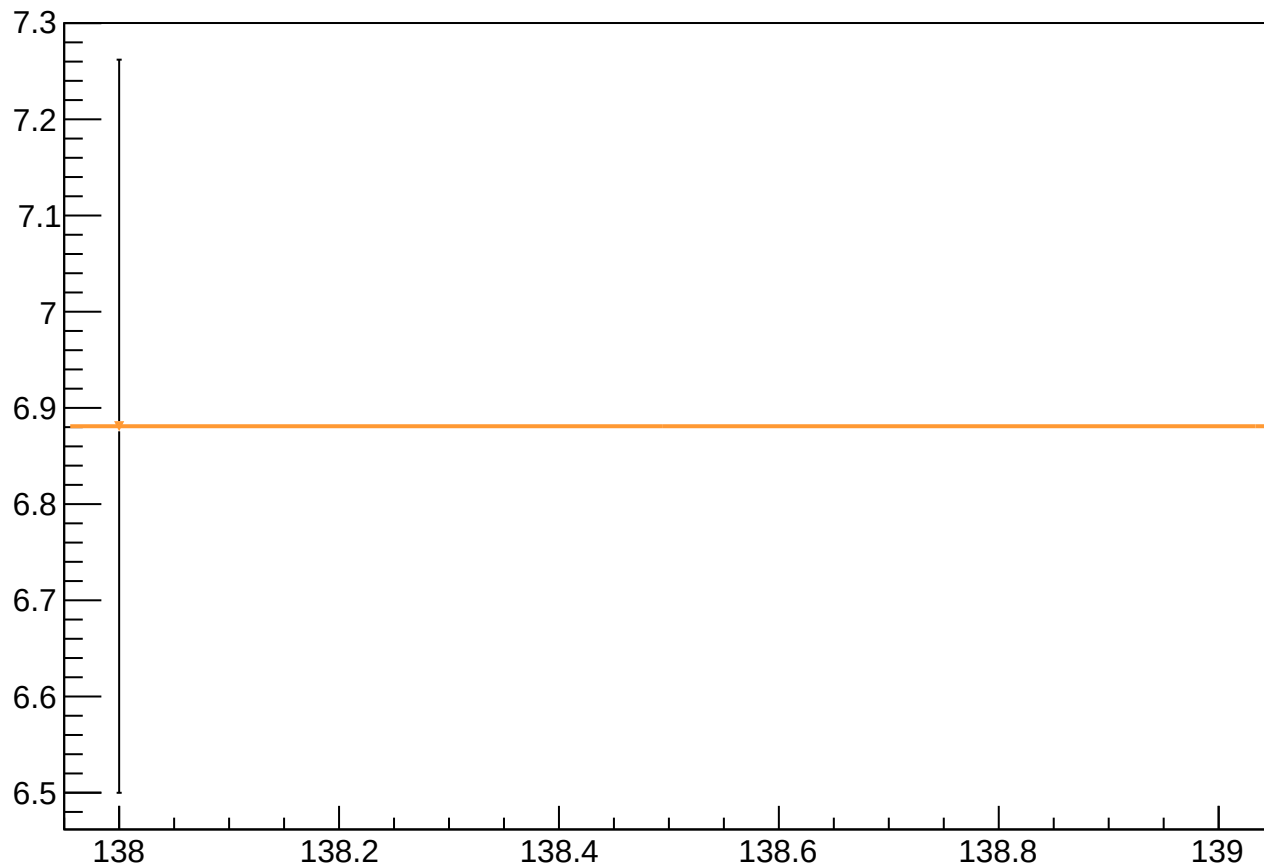
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Out: -0.052 ± 0.007 χ^2/NDF : 587.0/19

All: -0.055 ± 0.006 χ^2/NDF : 805.0/36

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: 6.881 $\pm$ 0.381 χ^2 /NDF: 0.0/0

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

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

Left: 6.881 $\pm$ 0.381 χ^2 /NDF: 0.0/0

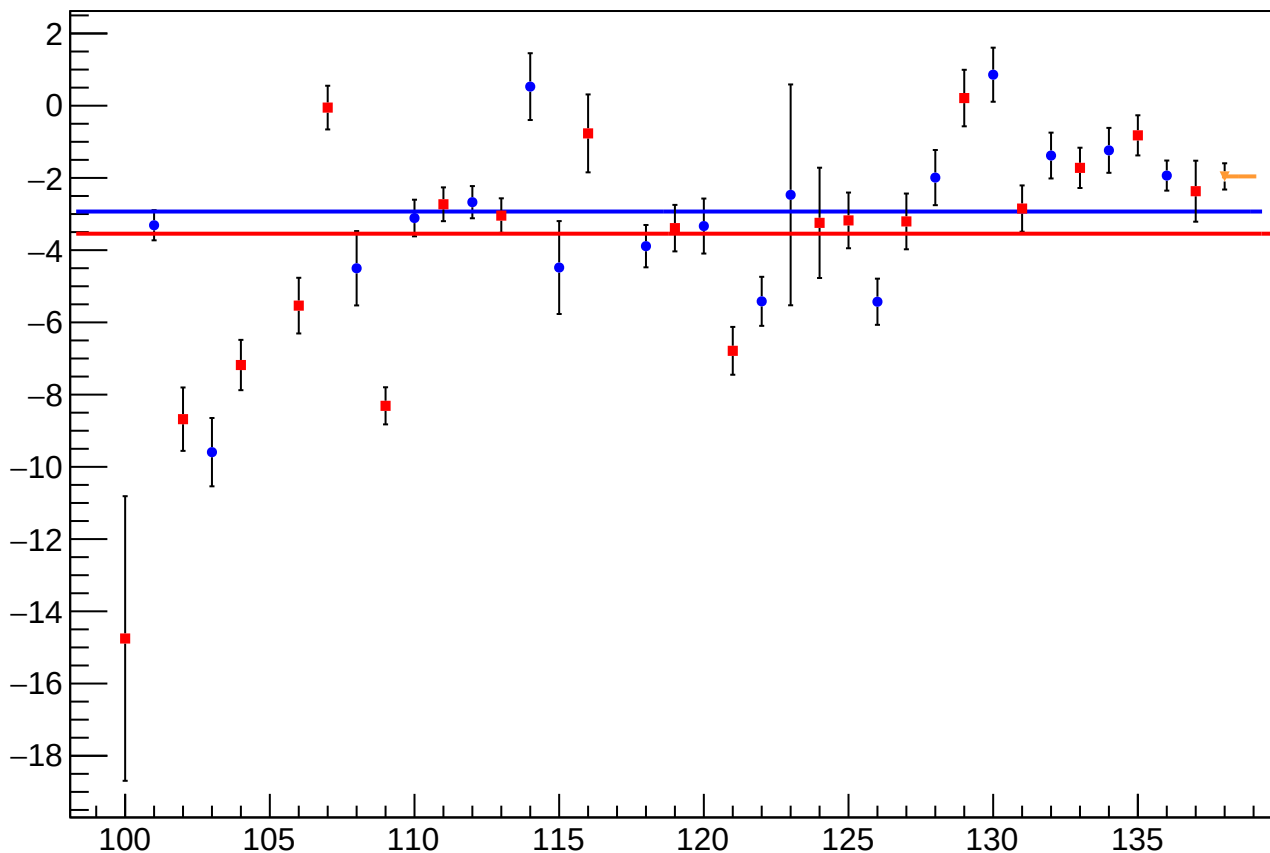
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 6.881 $\pm$ 0.381 χ^2 /NDF: 0.0/0

All: 6.881 $\pm$ 0.381 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.958 ± 0.363 χ^2/NDF : 0.0/0

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

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

Left: -1.958 ± 0.363 χ^2/NDF : 0.0/0

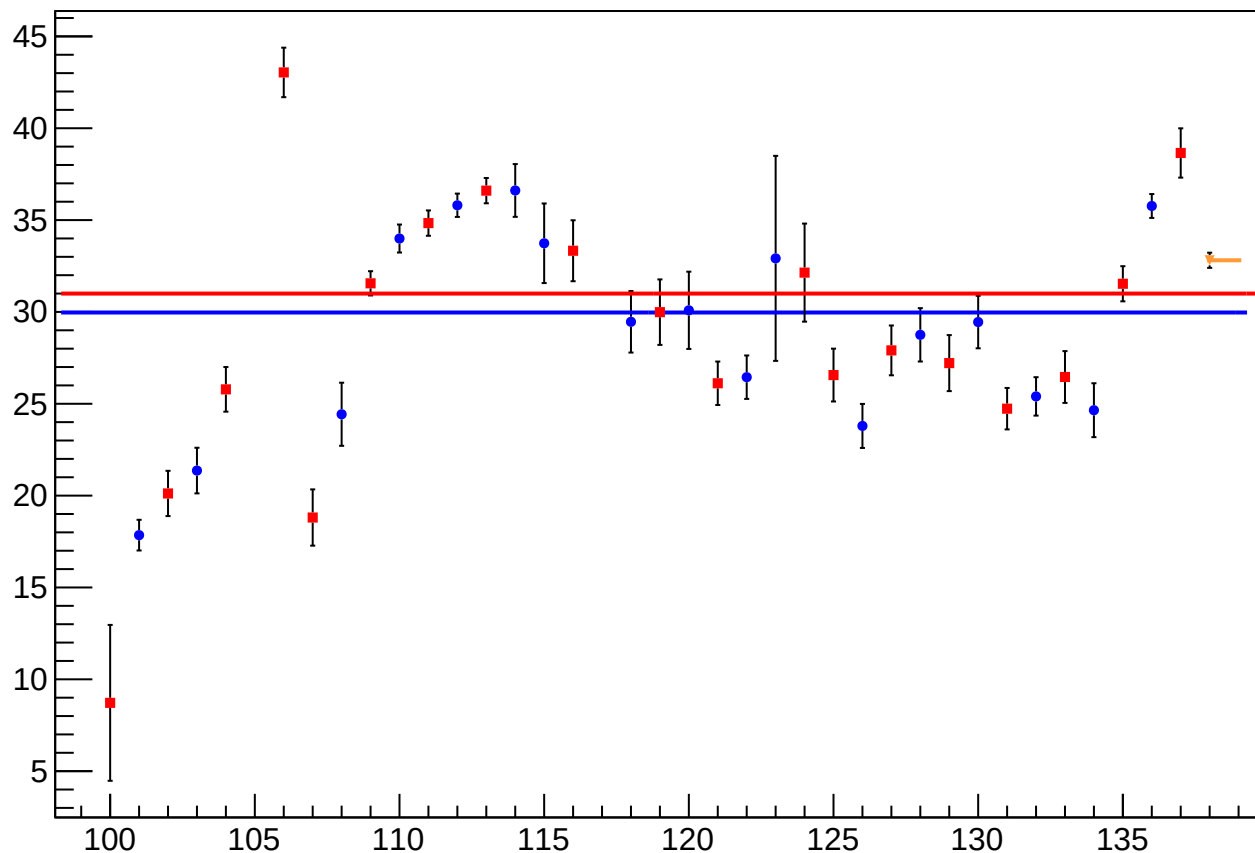
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Out: -3.301 ± 0.142 χ^2/NDF : 307.8/19

All: -3.130 ± 0.104 χ^2/NDF : 457.5/36

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969+/-0.267 χ^2/NDF : 554.3/16

Left Out: 32.812+/-0.413 χ^2/NDF : 0.0/0

Right Out: 31.000+/-0.260 χ^2/NDF : 479.5/18

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

Left: 32.812+/-0.413 χ^2/NDF : 0.0/0

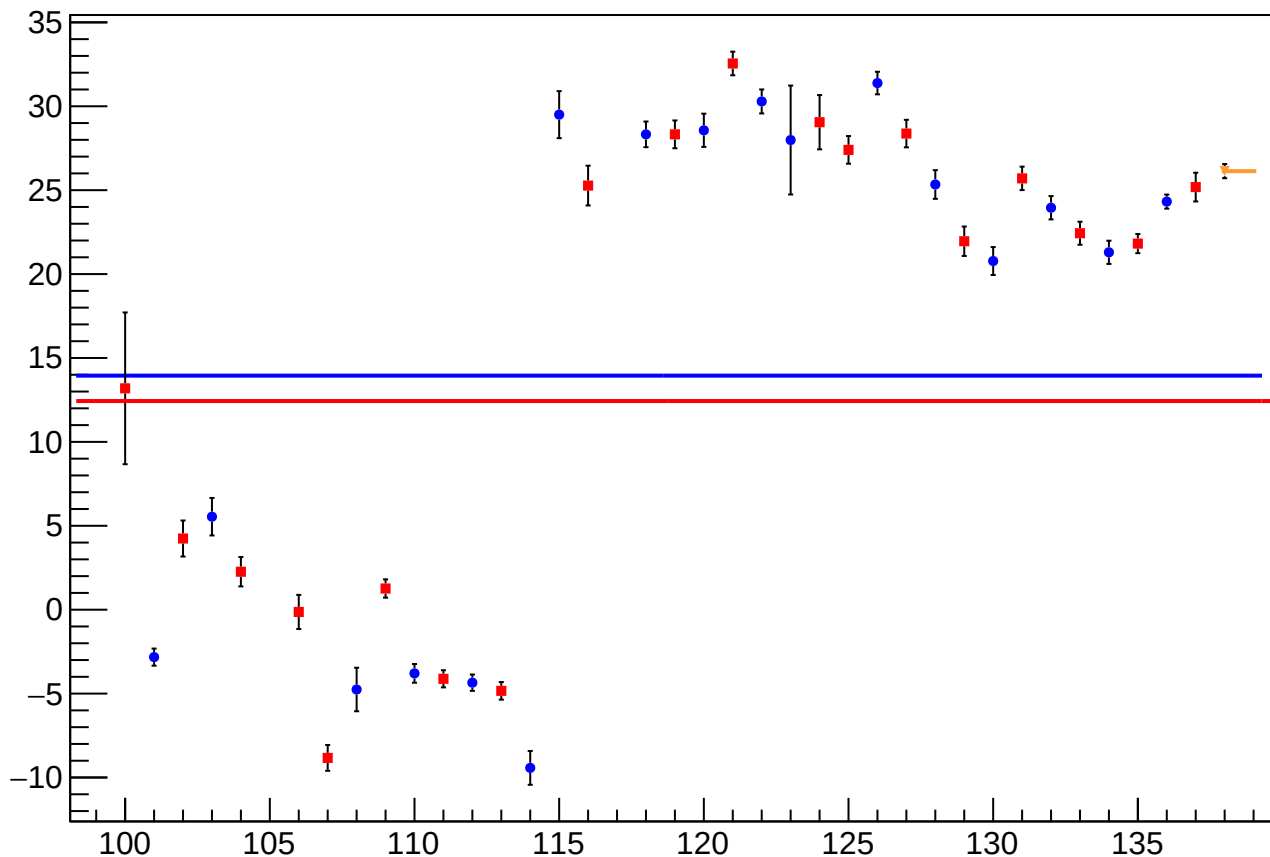
Right: 30.497+/-0.186 χ^2/NDF : 1041.5/35

In: 29.969+/-0.267 χ^2/NDF : 554.3/16

Out: 31.514+/-0.220 χ^2/NDF : 493.3/19

All: 30.888+/-0.170 χ^2/NDF : 1067.6/36

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948+/-0.172 χ^2/NDF : 7391.9/16

Left Out: 26.135+/-0.421 χ^2/NDF : 0.0/0

Right Out: 12.435+/-0.174 χ^2/NDF : 6962.9/18

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

Left: 26.135+/-0.421 χ^2/NDF : 0.0/0

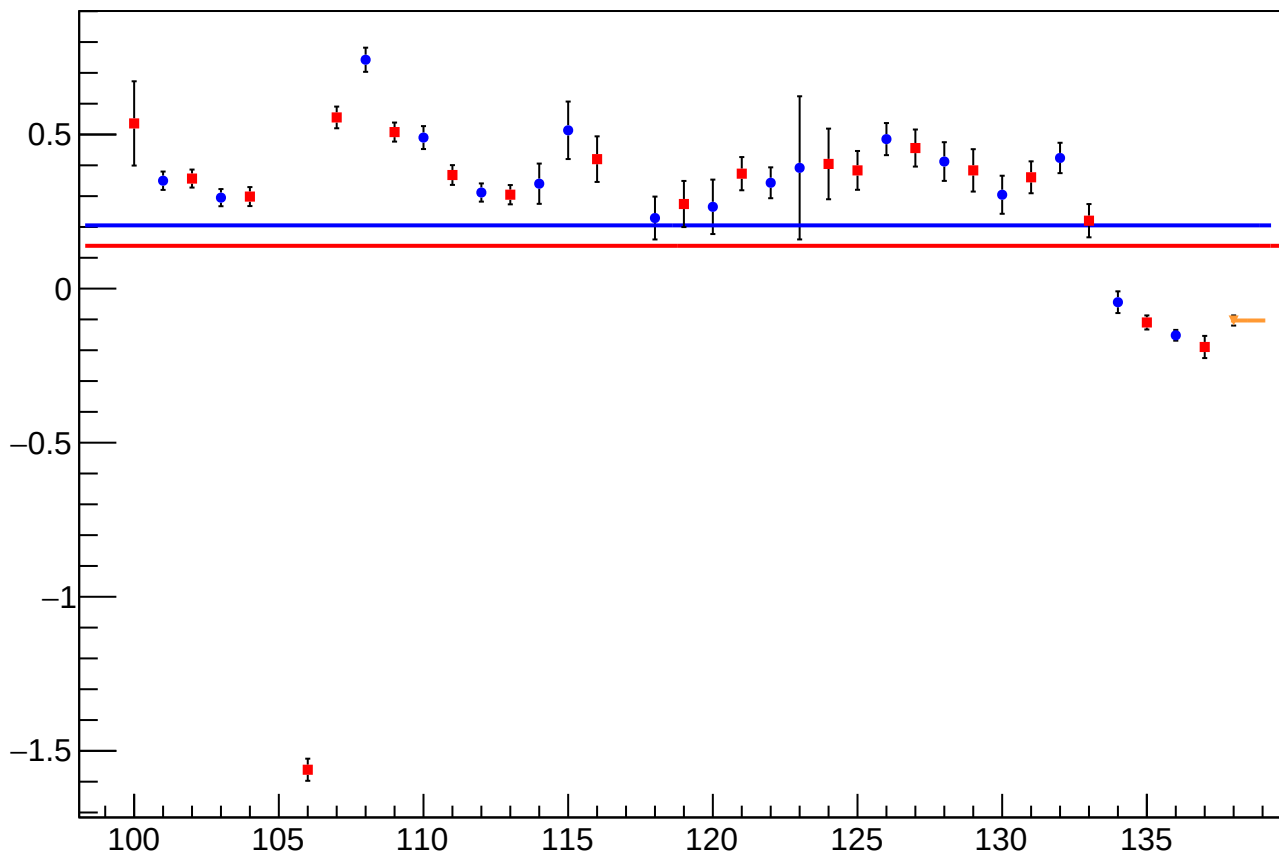
Right: 13.199+/-0.122 χ^2/NDF : 14393.1/35

In: 13.948+/-0.172 χ^2/NDF : 7391.9/16

Out: 14.426+/-0.161 χ^2/NDF : 7867.1/19

All: 14.203+/-0.117 χ^2/NDF : 15263.1/36

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 $\pm$ 0.016 χ^2 /NDF:0.0/0

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

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

Left: -0.103 $\pm$ 0.016 χ^2 /NDF: 0.0/0

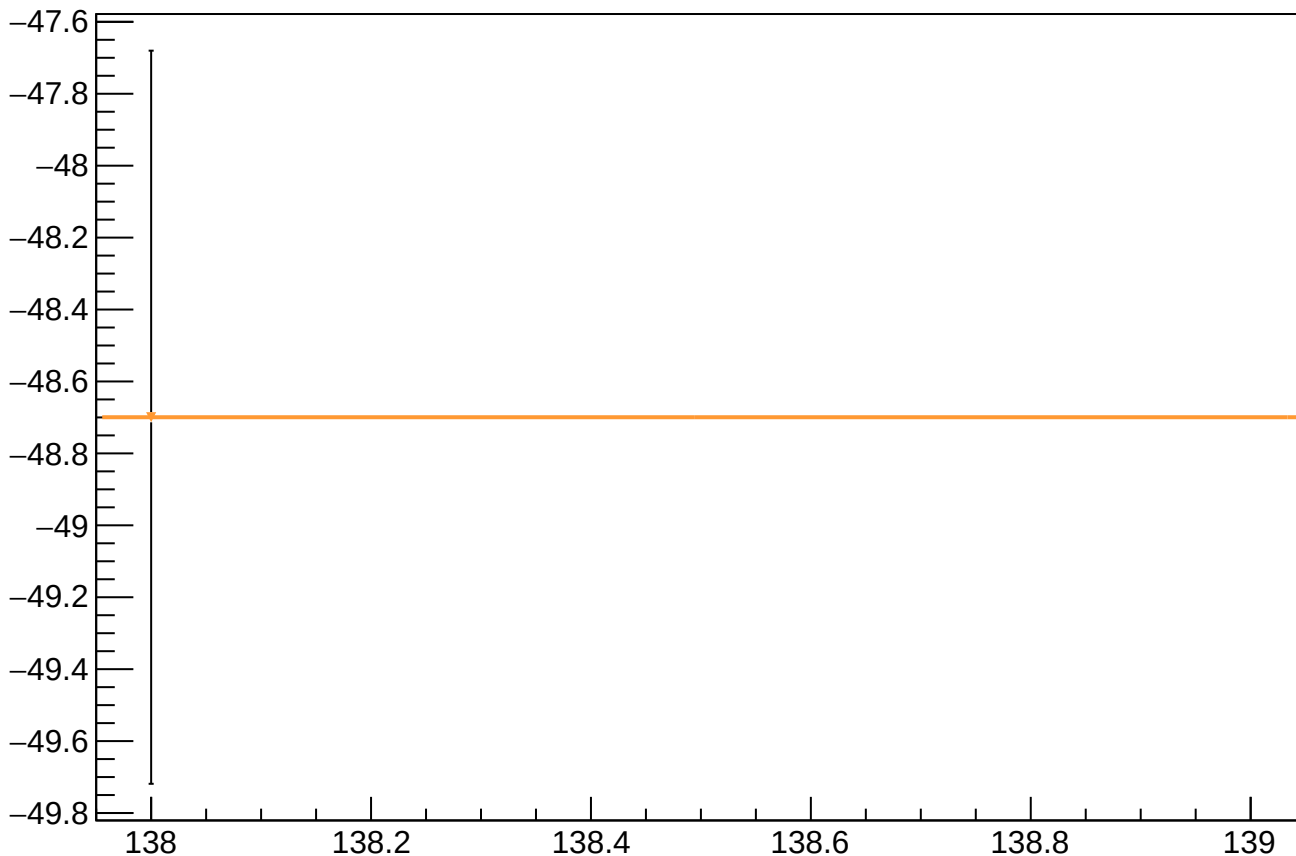
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.205 $\pm$ 0.009 χ^2 /NDF:846.2/16

Out: 0.081 $\pm$ 0.008 χ^2 /NDF:3182.2/19

All: 0.134 $\pm$ 0.006 χ^2 /NDF: 4129.5/36

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: -48.699+/-1.019 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: -48.699+/-1.019 χ^2/NDF : 0.0/0

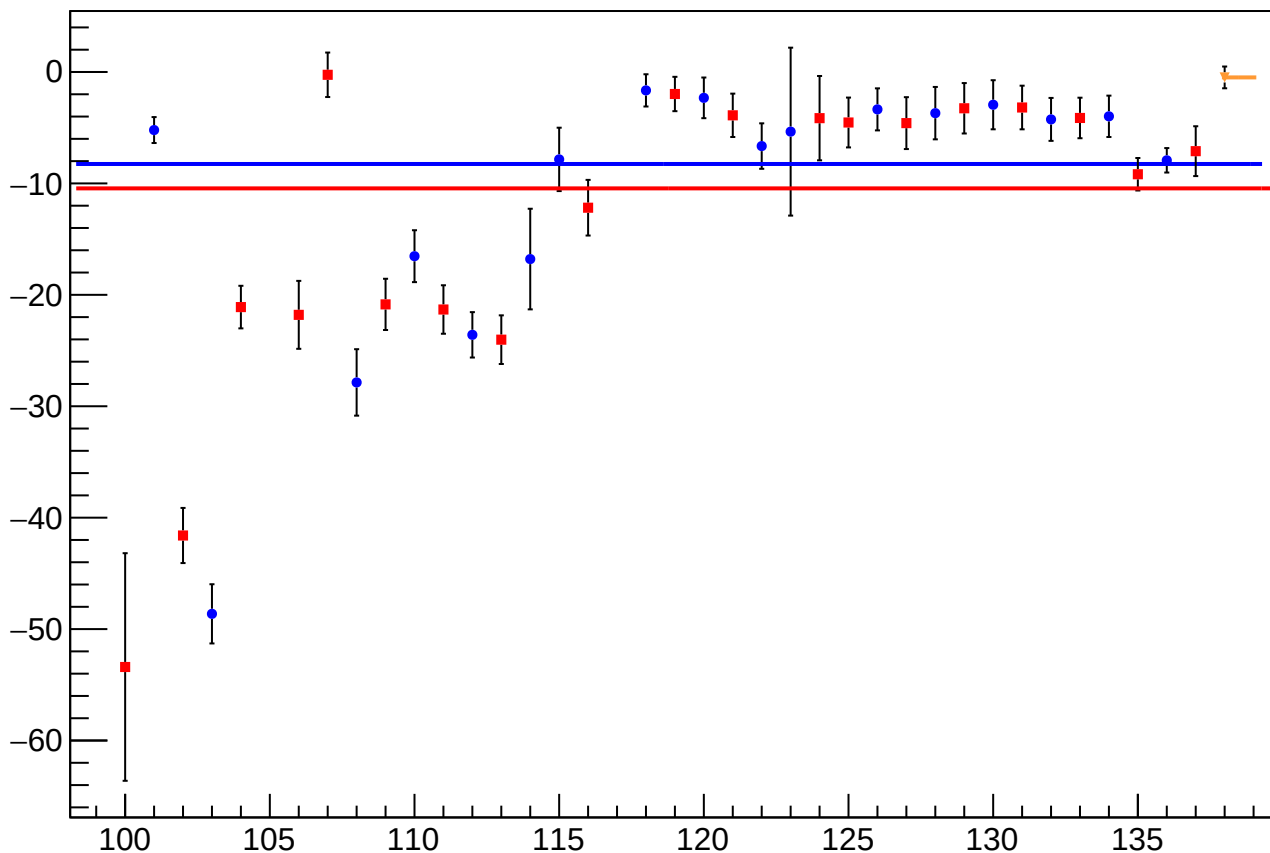
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -48.699+/-1.019 χ^2/NDF : 0.0/0

All: -48.699+/-1.019 χ^2/NDF : 0.0/0

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: -0.487 ± 0.977 χ^2/NDF : 0.0/0

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

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

Left: -0.487 ± 0.977 χ^2/NDF : 0.0/0

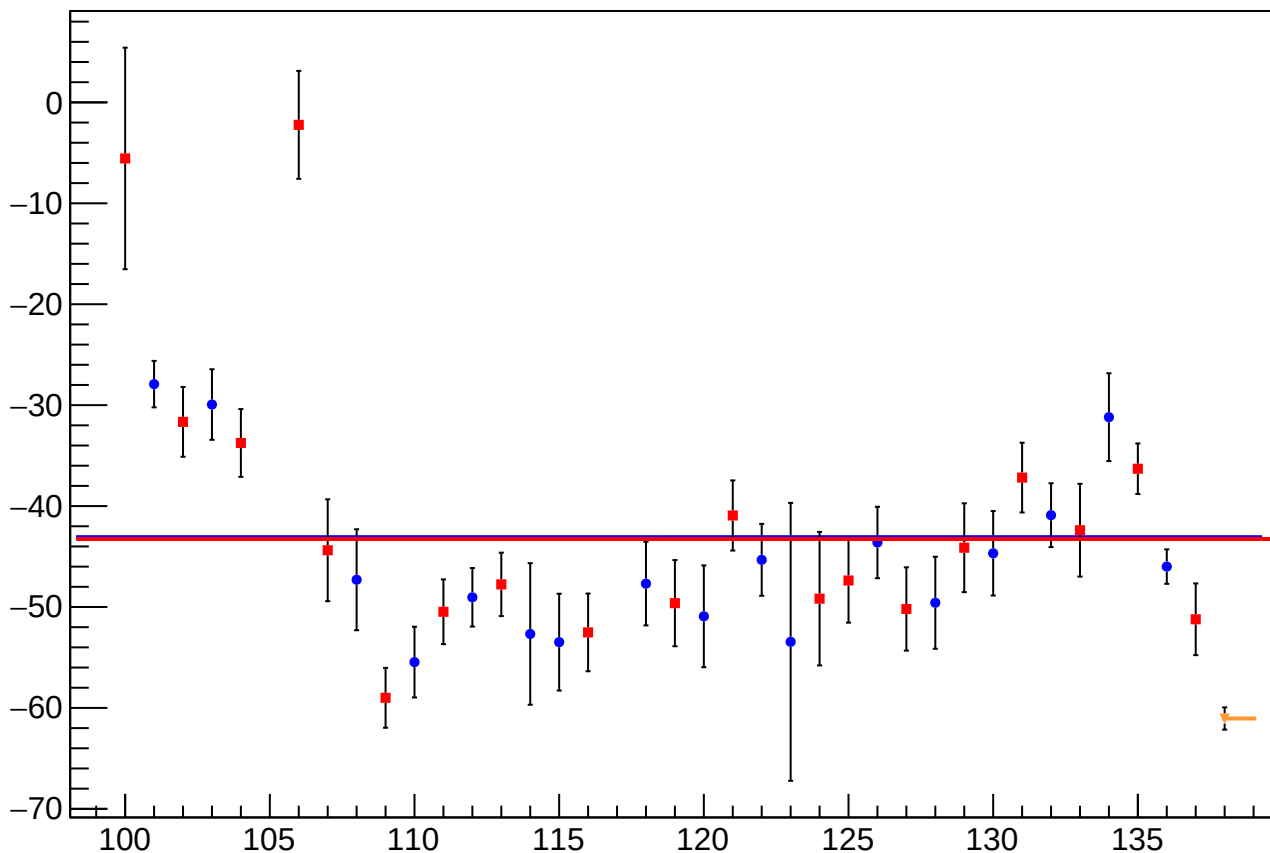
Right: -9.285 ± 0.337 χ^2/NDF : 851.1/35

In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Out: -8.436 ± 0.439 χ^2/NDF : 511.4/19

All: -8.351 ± 0.318 χ^2/NDF : 923.6/36

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: -61.048 ± 1.105 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

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

Left: -61.048 ± 1.105 $\chi^2/\text{NDF}: 0.0/0$

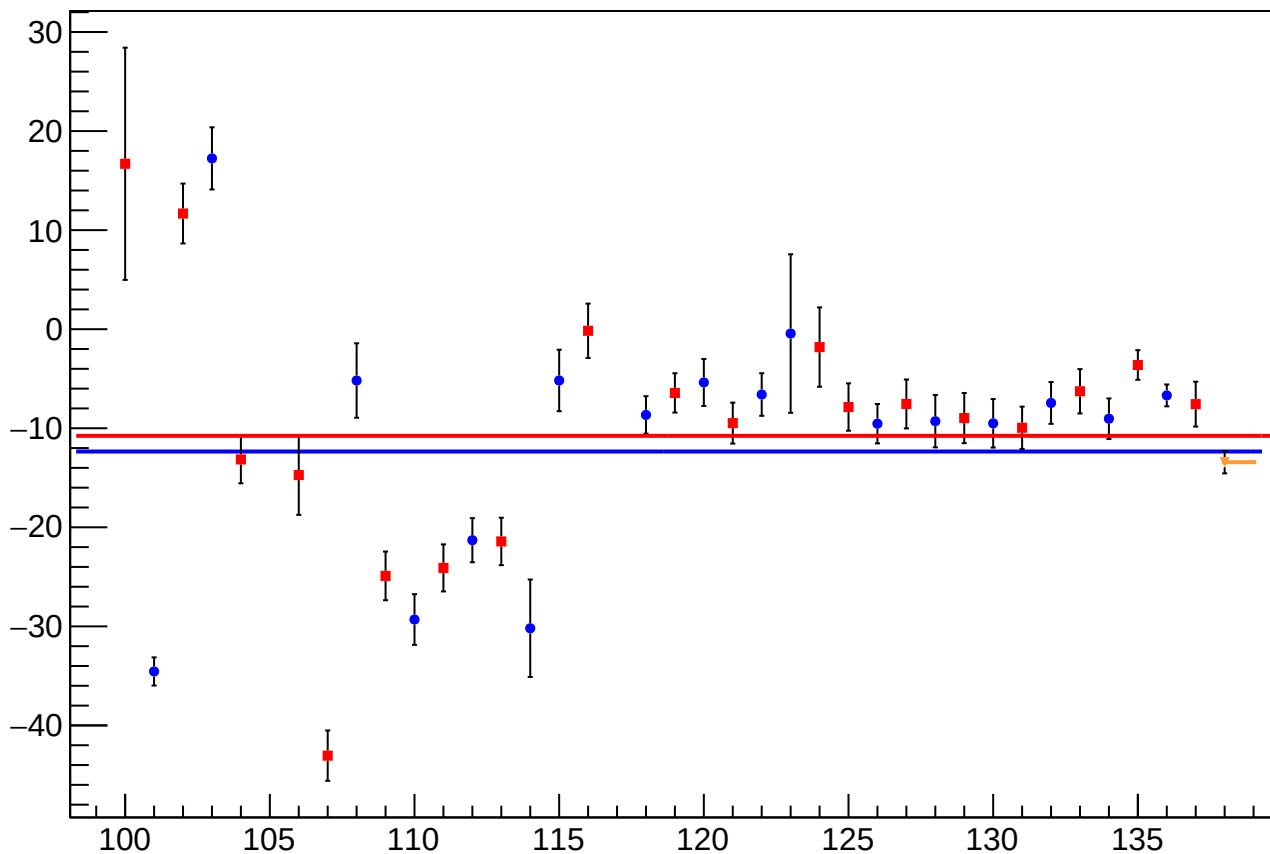
Right: -43.169 ± 0.601 $\chi^2/\text{NDF}: 253.4/35$

In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Out: -50.037 ± 0.682 $\chi^2/\text{NDF}: 314.7/19$

All: -47.252 ± 0.528 $\chi^2/\text{NDF}: 455.6/36$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 ± 0.520 $\chi^2/\text{NDF}: 475.9/16$

Left Out: -13.424 ± 1.132 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.765 ± 0.554 $\chi^2/\text{NDF}: 366.6/18$

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

Left: -13.424 ± 1.132 $\chi^2/\text{NDF}: 0.0/0$

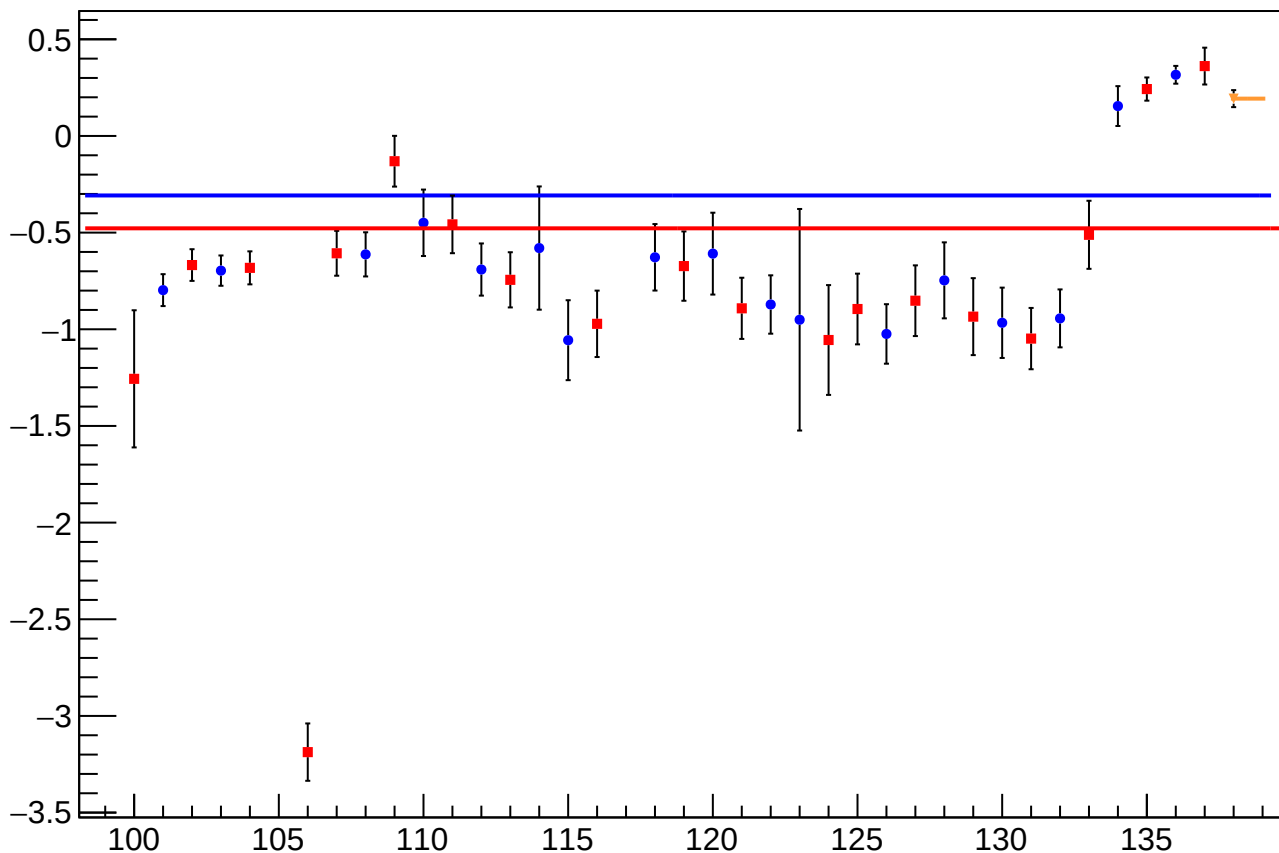
Right: -11.606 ± 0.379 $\chi^2/\text{NDF}: 846.9/35$

In: -12.348 ± 0.520 $\chi^2/\text{NDF}: 475.9/16$

Out: -11.278 ± 0.497 $\chi^2/\text{NDF}: 371.1/19$

All: -11.790 ± 0.359 $\chi^2/\text{NDF}: 849.3/36$

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: 0.193 ± 0.044 χ^2/NDF : 0.0/0

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

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

Left: 0.193 ± 0.044 χ^2/NDF : 0.0/0

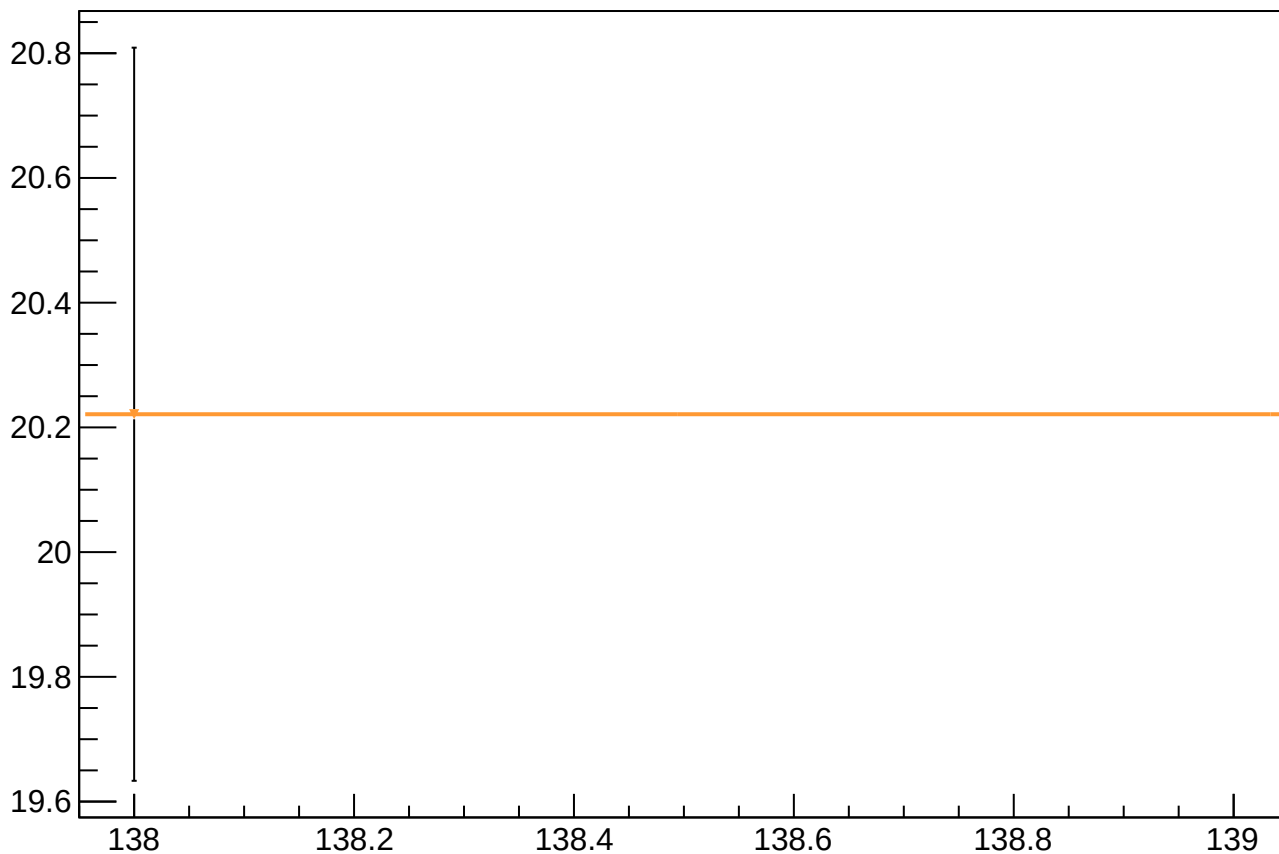
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Out: -0.279 ± 0.024 χ^2/NDF : 794.8/19

All: -0.292 ± 0.018 χ^2/NDF : 1167.8/36

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: 20.221+/-0.588 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: 20.221+/-0.588 χ^2/NDF : 0.0/0

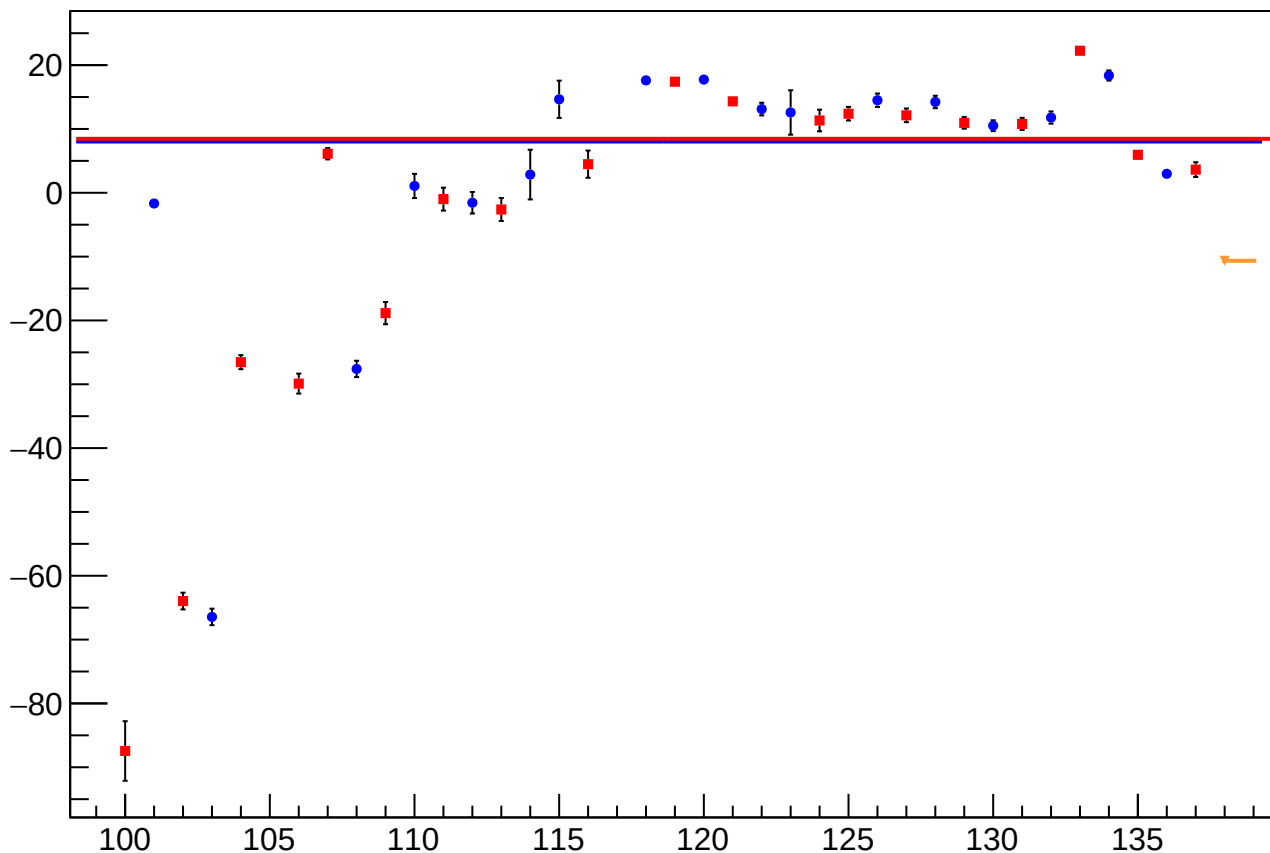
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 20.221+/-0.588 χ^2/NDF : 0.0/0

All: 20.221+/-0.588 χ^2/NDF : 0.0/0

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: -10.659+/-0.597 χ^2/NDF : 0.0/0

Right Out: 8.454+/-0.213 χ^2/NDF : 6704.4/18

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

Left: -10.659+/-0.597 χ^2/NDF : 0.0/0

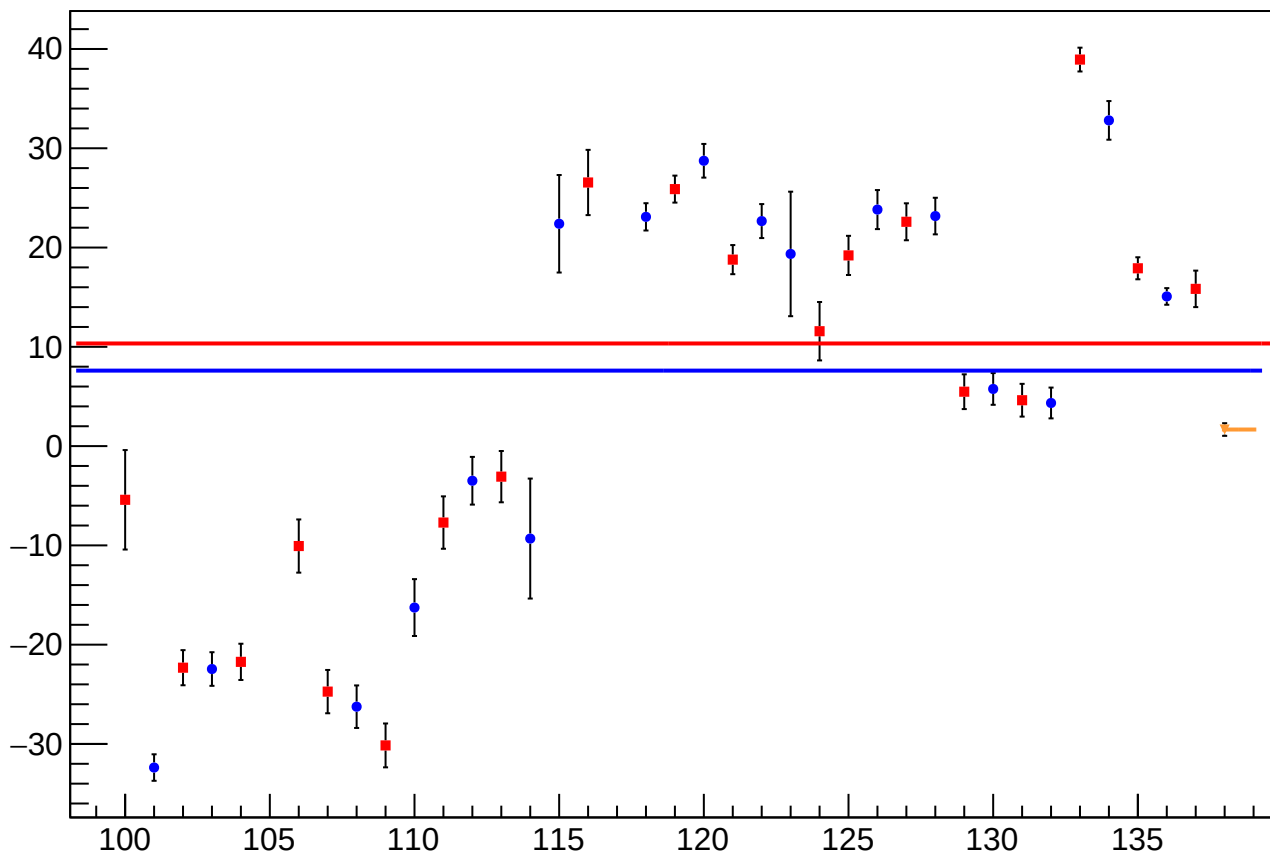
Right: 8.247+/-0.151 χ^2/NDF : 12075.7/35

In: 8.036+/-0.215 χ^2/NDF : 5369.4/16

Out: 6.290+/-0.201 χ^2/NDF : 7613.3/19

All: 7.103+/-0.147 χ^2/NDF : 13017.9/36

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: 1.670 $\pm$ 0.637 χ^2 /NDF:0.0/0

Right Out: 10.337 $\pm$ 0.416 χ^2 /NDF: 2281.8/18

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

Left: 1.670 $\pm$ 0.637 χ^2 /NDF: 0.0/0

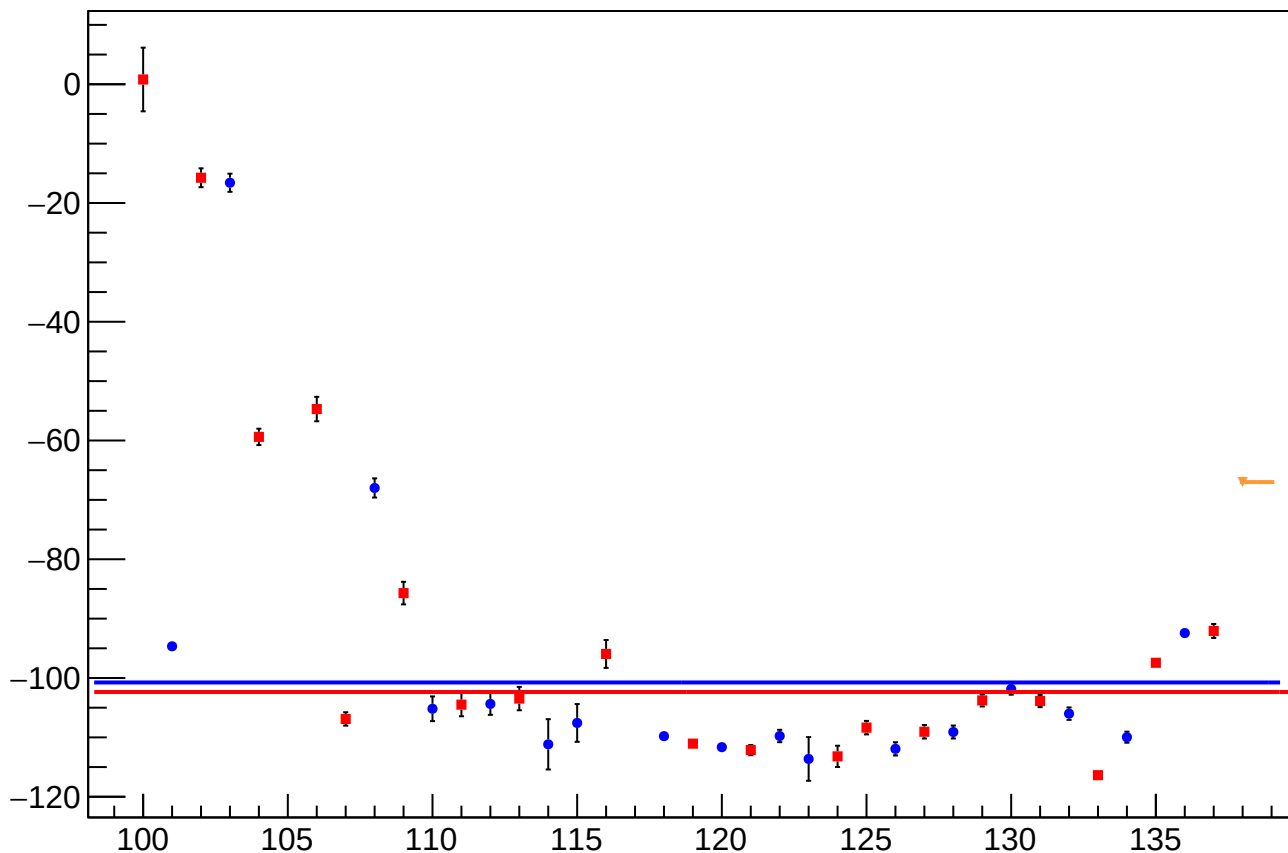
Right: 8.969 $\pm$ 0.294 χ^2 /NDF: 4628.4/35

In: 7.604 $\pm$ 0.416 χ^2 /NDF:2325.0/16

Out: 7.744 $\pm$ 0.349 χ^2 /NDF:2411.4/19

All: 7.686 $\pm$ 0.267 χ^2 /NDF: 4736.5/36

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: -67.003+/-0.681 χ^2/NDF : 0.0/0

Right Out: -102.354+/-0.246 χ^2/NDF : 6078.9/18

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

Left: -67.003+/-0.681 χ^2/NDF : 0.0/0

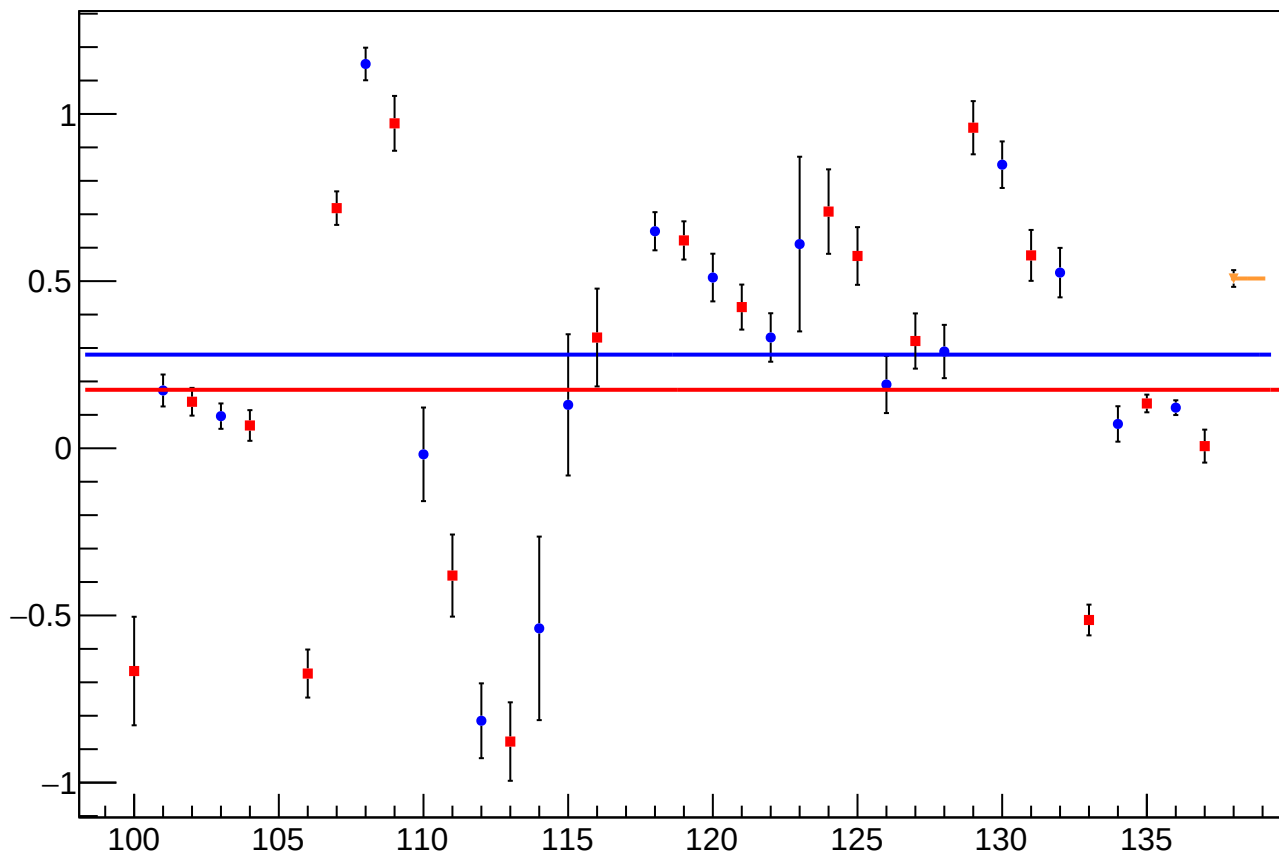
Right: -101.559+/-0.175 χ^2/NDF : 10622.5/35

In: -100.753+/-0.248 χ^2/NDF : 4522.6/16

Out: -98.264+/-0.232 χ^2/NDF : 8463.9/19

All: -99.423+/-0.169 χ^2/NDF : 13040.4/36

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: 0.508 $\pm$ 0.025 χ^2 /NDF:0.0/0

Right Out: 0.175 $\pm$ 0.013 χ^2 /NDF: 966.7/18

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

Left: 0.508 $\pm$ 0.025 χ^2 /NDF: 0.0/0

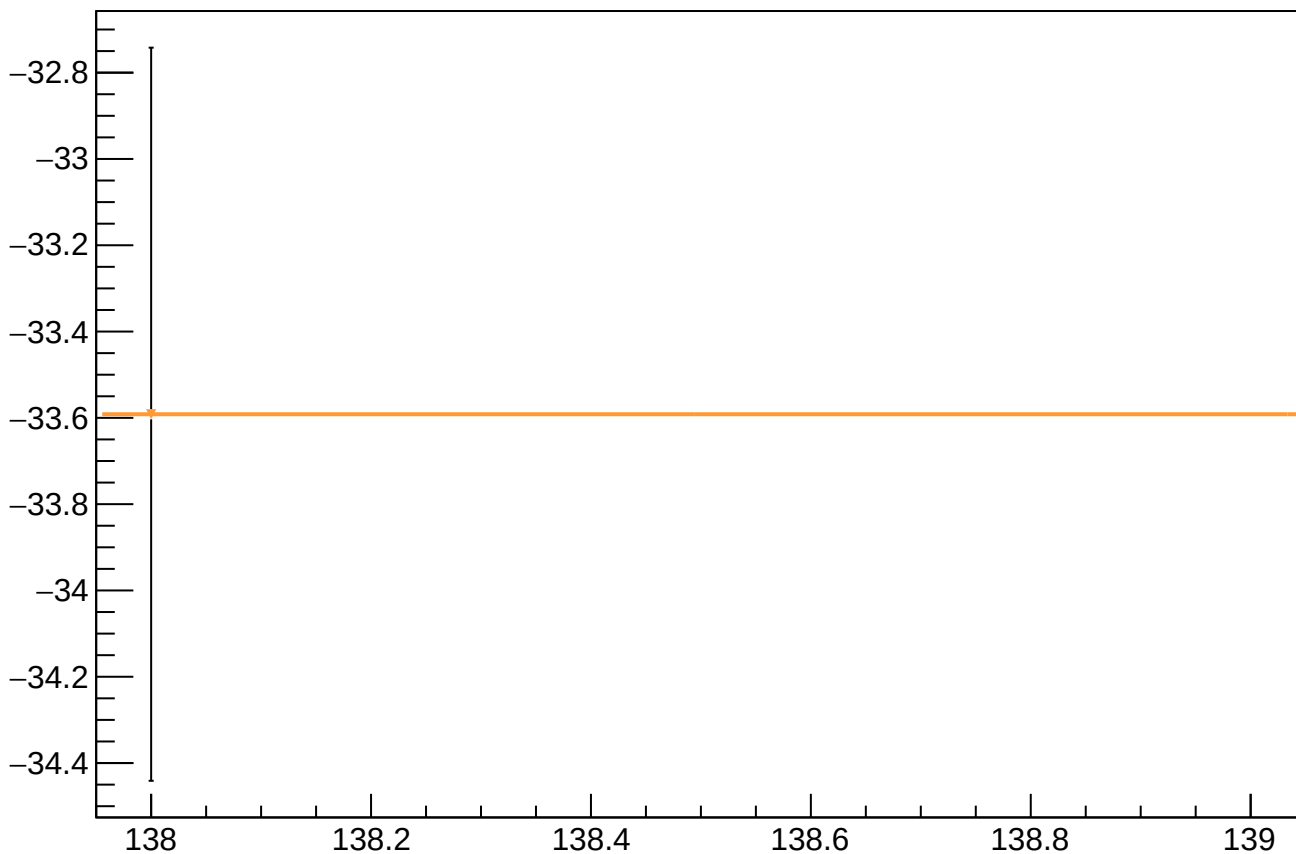
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1653.2/35

In: 0.280 $\pm$ 0.013 χ^2 /NDF:656.0/16

Out: 0.250 $\pm$ 0.012 χ^2 /NDF:1104.1/19

All: 0.263 $\pm$ 0.009 χ^2 /NDF: 1763.0/36

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: -33.592+/-0.850 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: -33.592+/-0.850 χ^2/NDF : 0.0/0

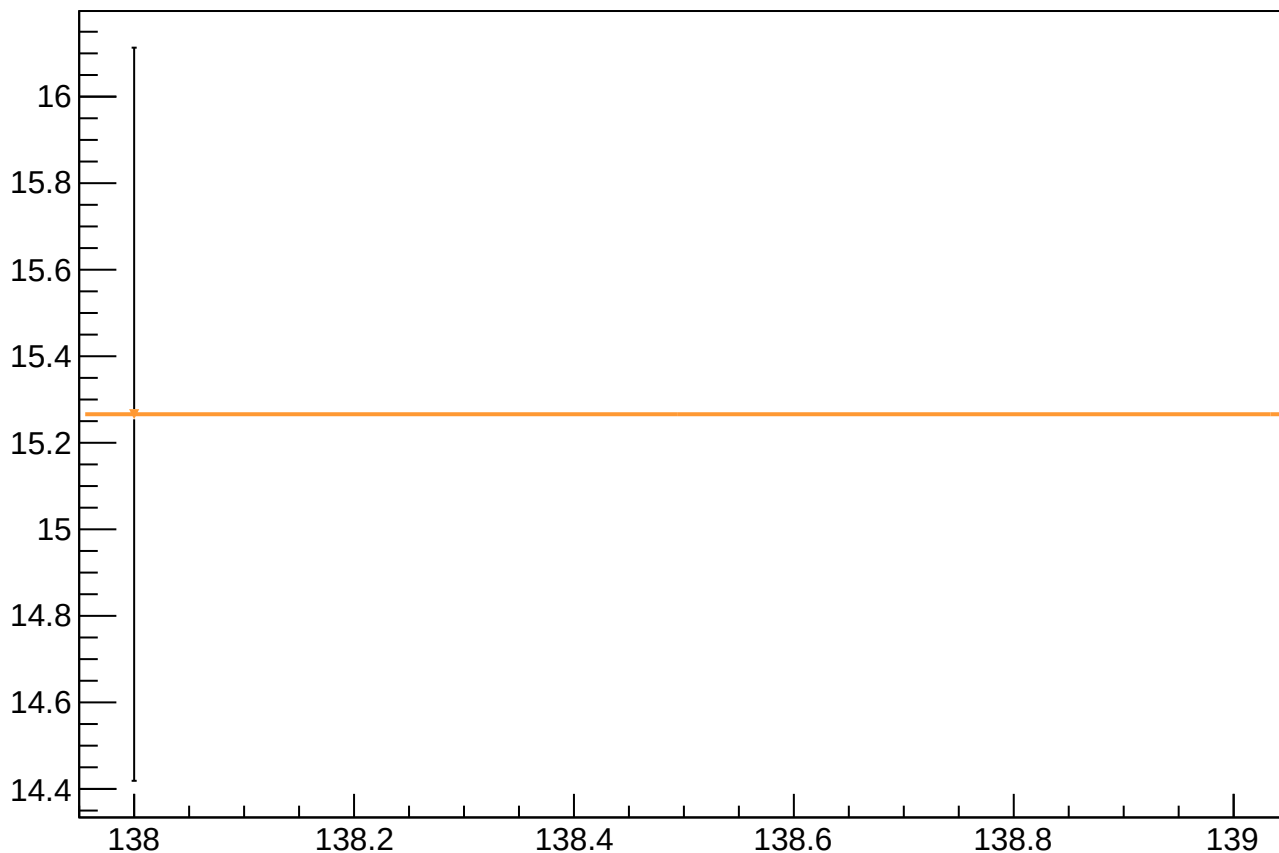
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -33.592+/-0.850 χ^2/NDF : 0.0/0

All: -33.592+/-0.850 χ^2/NDF : 0.0/0

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: 15.266+/-0.847 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: 15.266+/-0.847 χ^2/NDF : 0.0/0

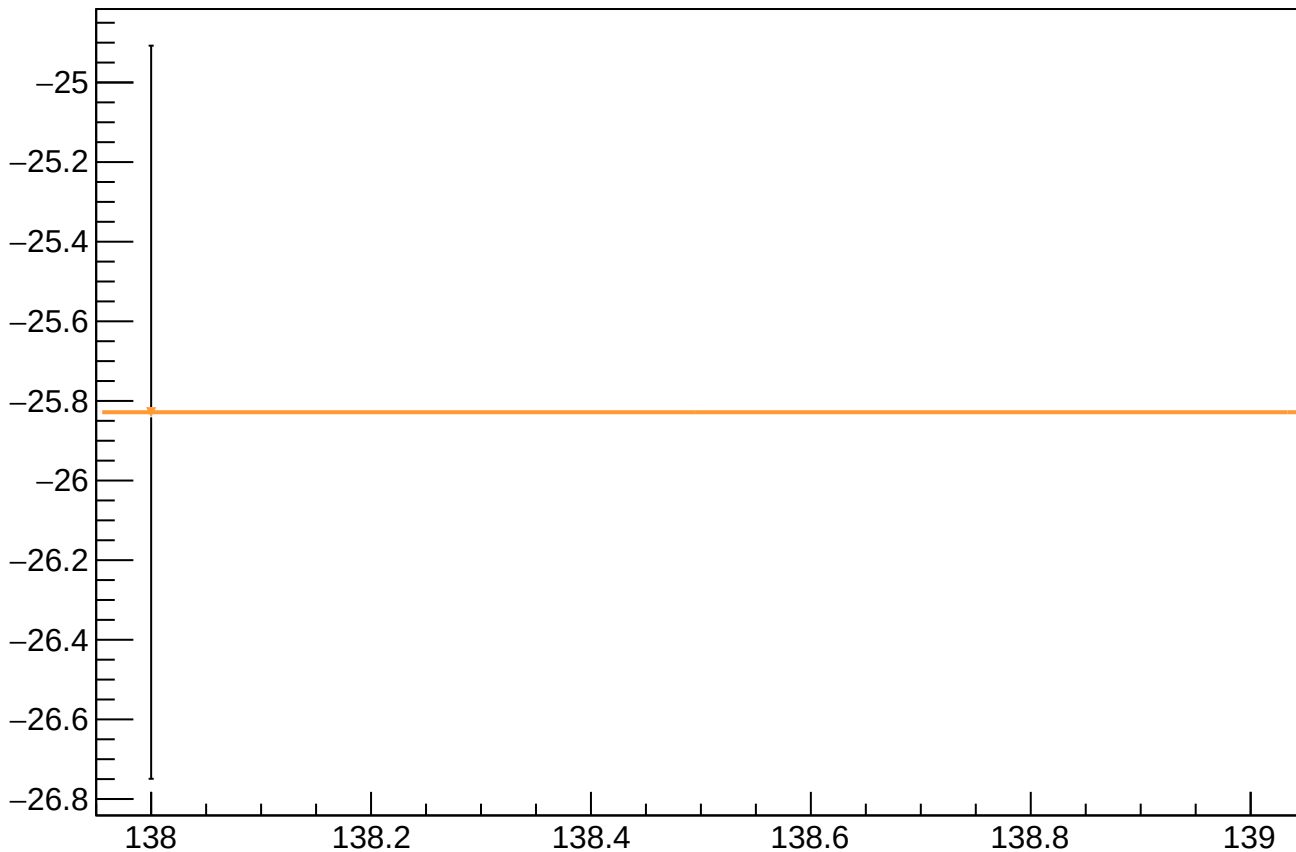
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 15.266+/-0.847 χ^2/NDF : 0.0/0

All: 15.266+/-0.847 χ^2/NDF : 0.0/0

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: -25.828+/-0.921 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: -25.828+/-0.921 χ^2/NDF : 0.0/0

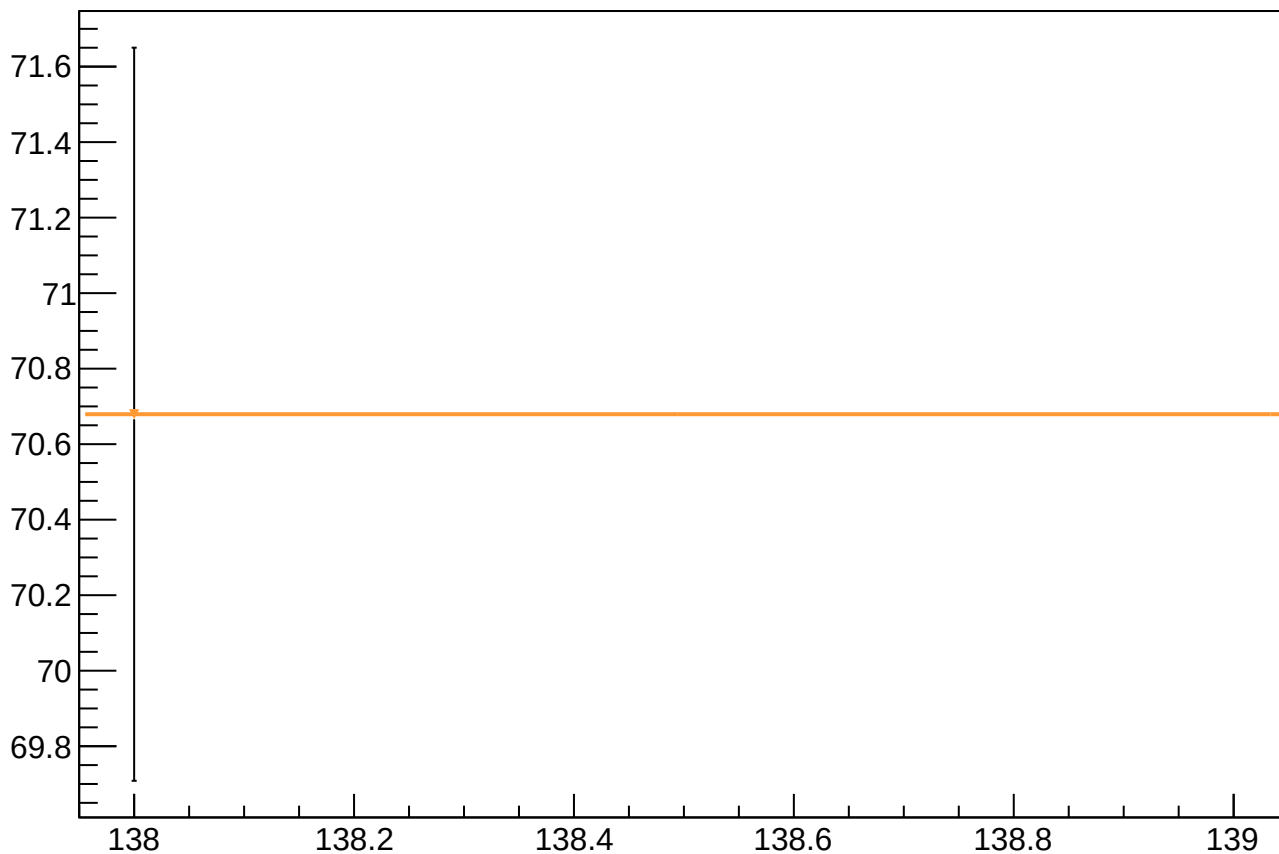
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -25.828+/-0.921 χ^2/NDF : 0.0/0

All: -25.828+/-0.921 χ^2/NDF : 0.0/0

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: 70.679+/-0.971 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: 70.679+/-0.971 χ^2/NDF : 0.0/0

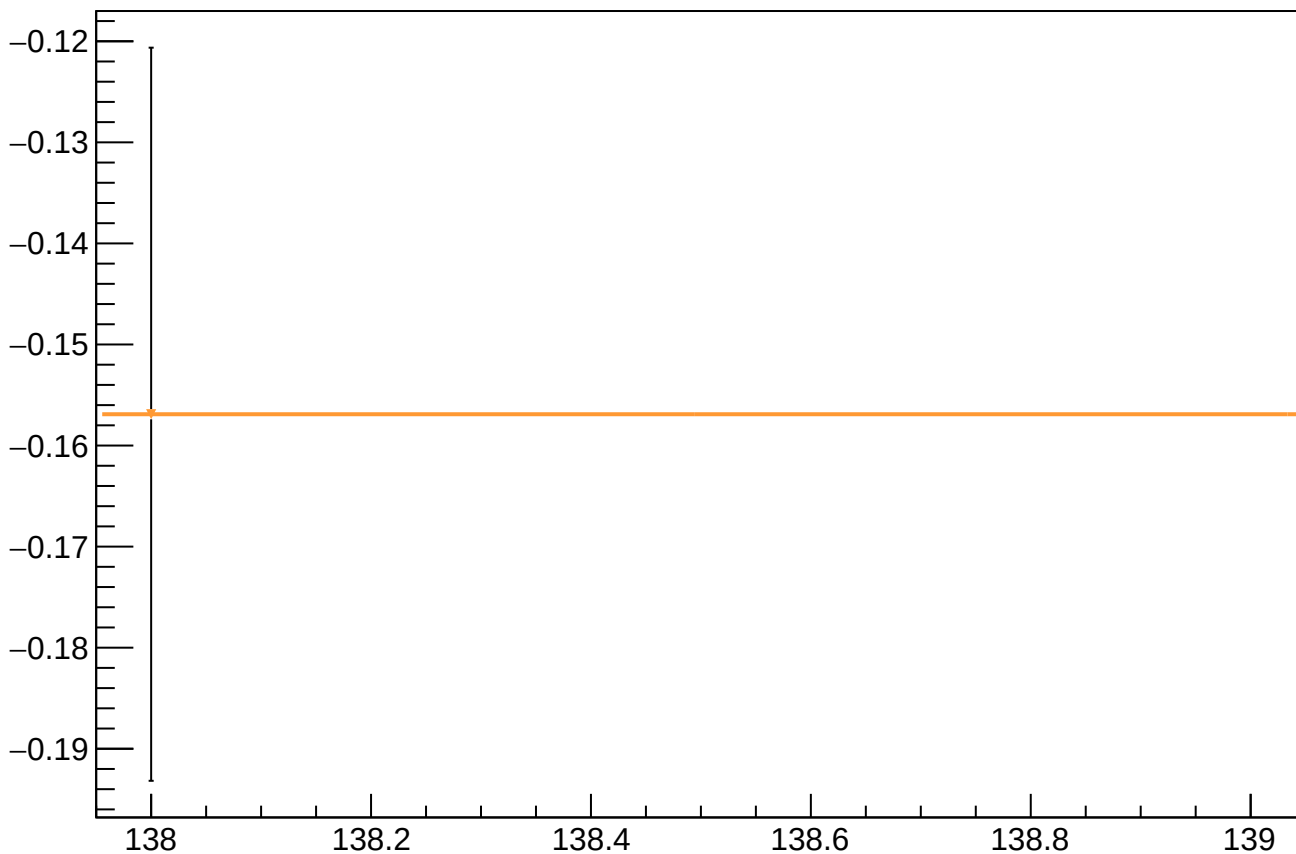
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 70.679+/-0.971 χ^2/NDF : 0.0/0

All: 70.679+/-0.971 χ^2/NDF : 0.0/0

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: -0.157+/-0.036 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: -0.157+/-0.036 χ^2/NDF : 0.0/0

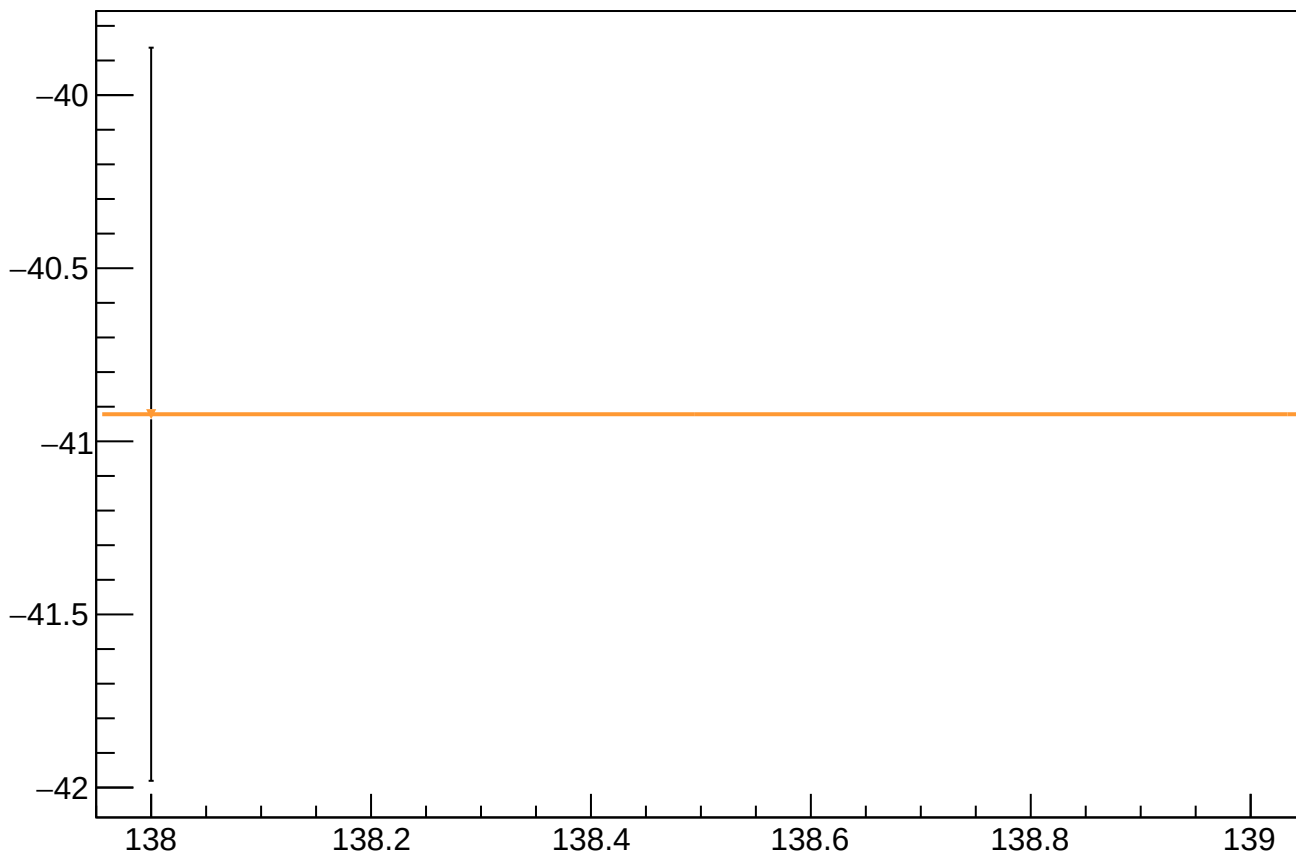
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -0.157+/-0.036 χ^2/NDF : 0.0/0

All: -0.157+/-0.036 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -40.922+/-1.059 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: -40.922+/-1.059 χ^2/NDF : 0.0/0

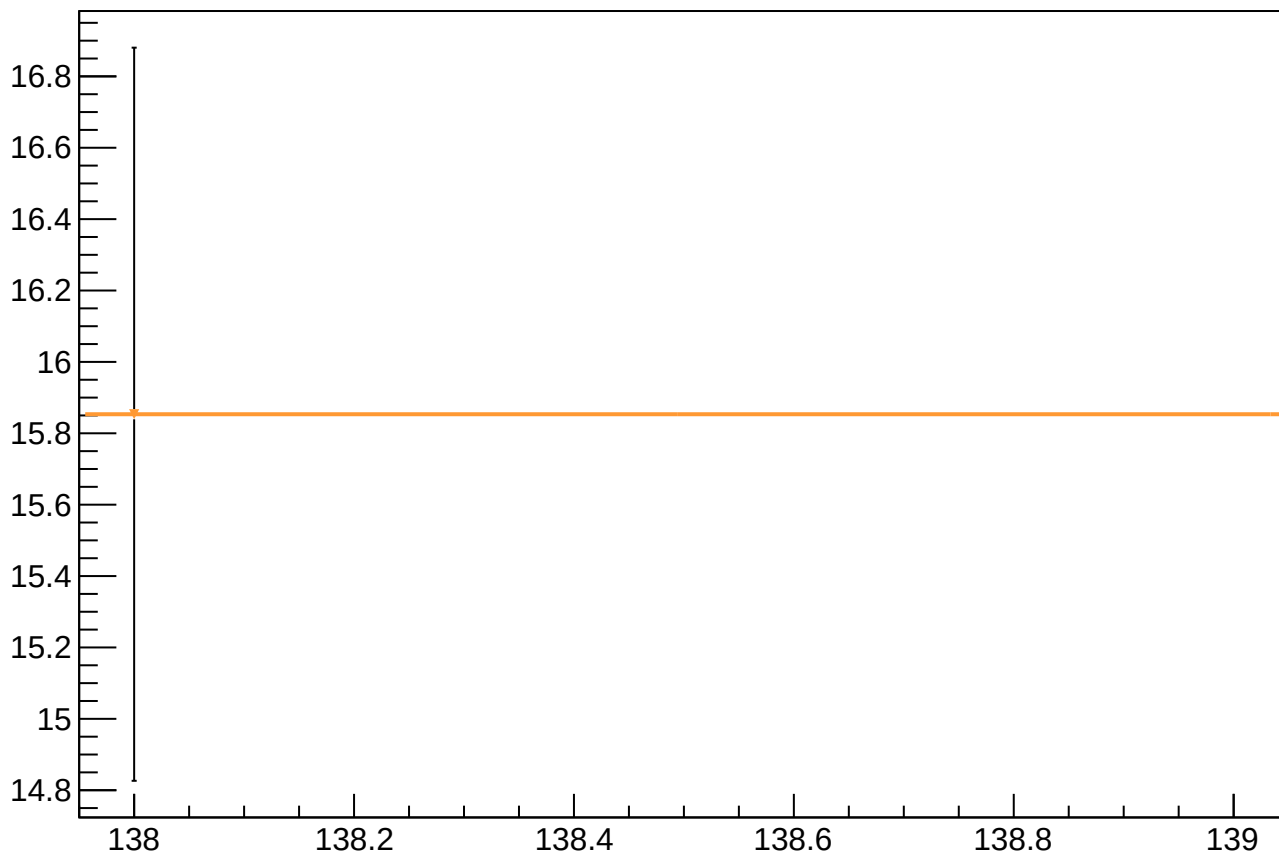
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -40.922+/-1.059 χ^2/NDF : 0.0/0

All: -40.922+/-1.059 χ^2/NDF : 0.0/0

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: 15.853+/-1.027 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: 15.853+/-1.027 χ^2/NDF : 0.0/0

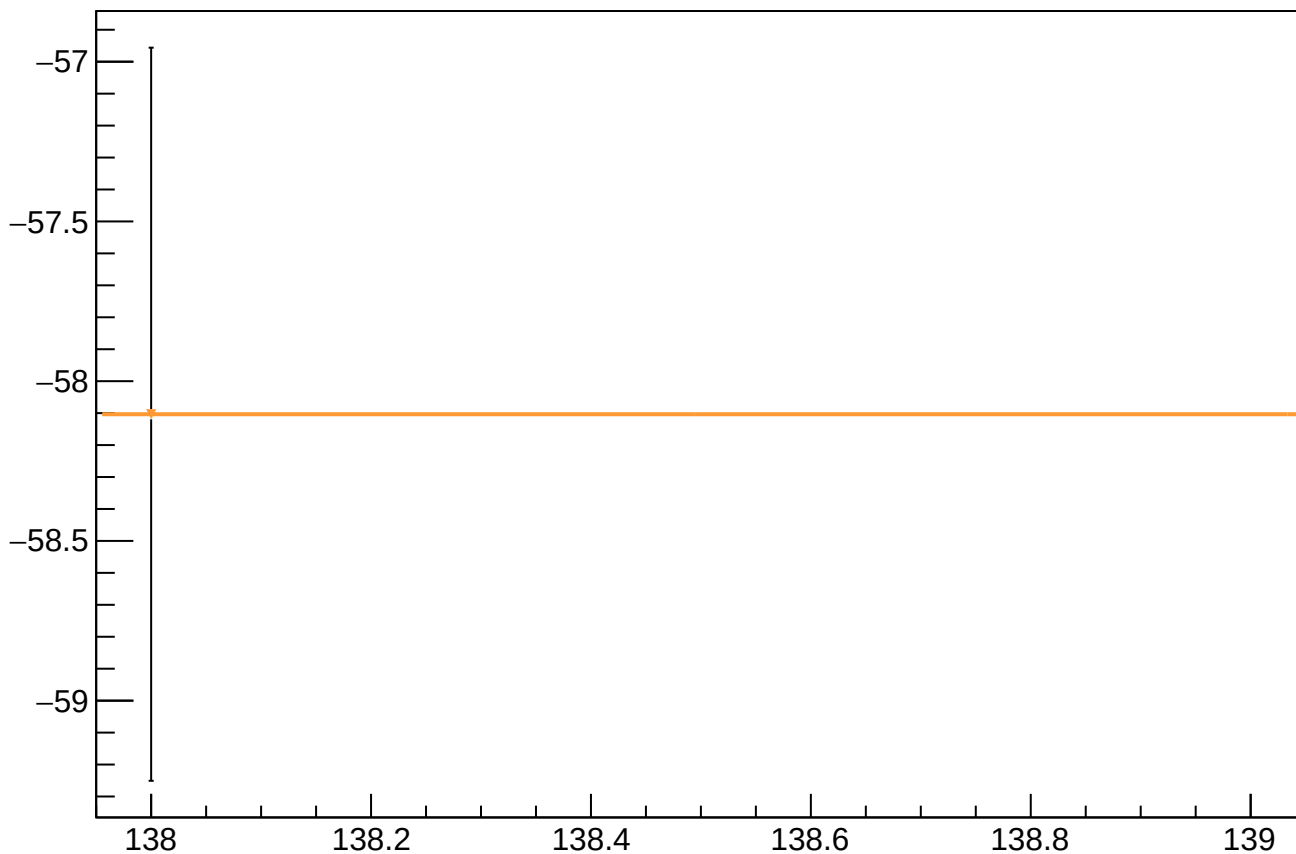
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 15.853+/-1.027 χ^2/NDF : 0.0/0

All: 15.853+/-1.027 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -58.103 ± 1.147 $\chi^2/\text{NDF}: 0.0/0$

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

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

Left: -58.103 ± 1.147 $\chi^2/\text{NDF}: 0.0/0$

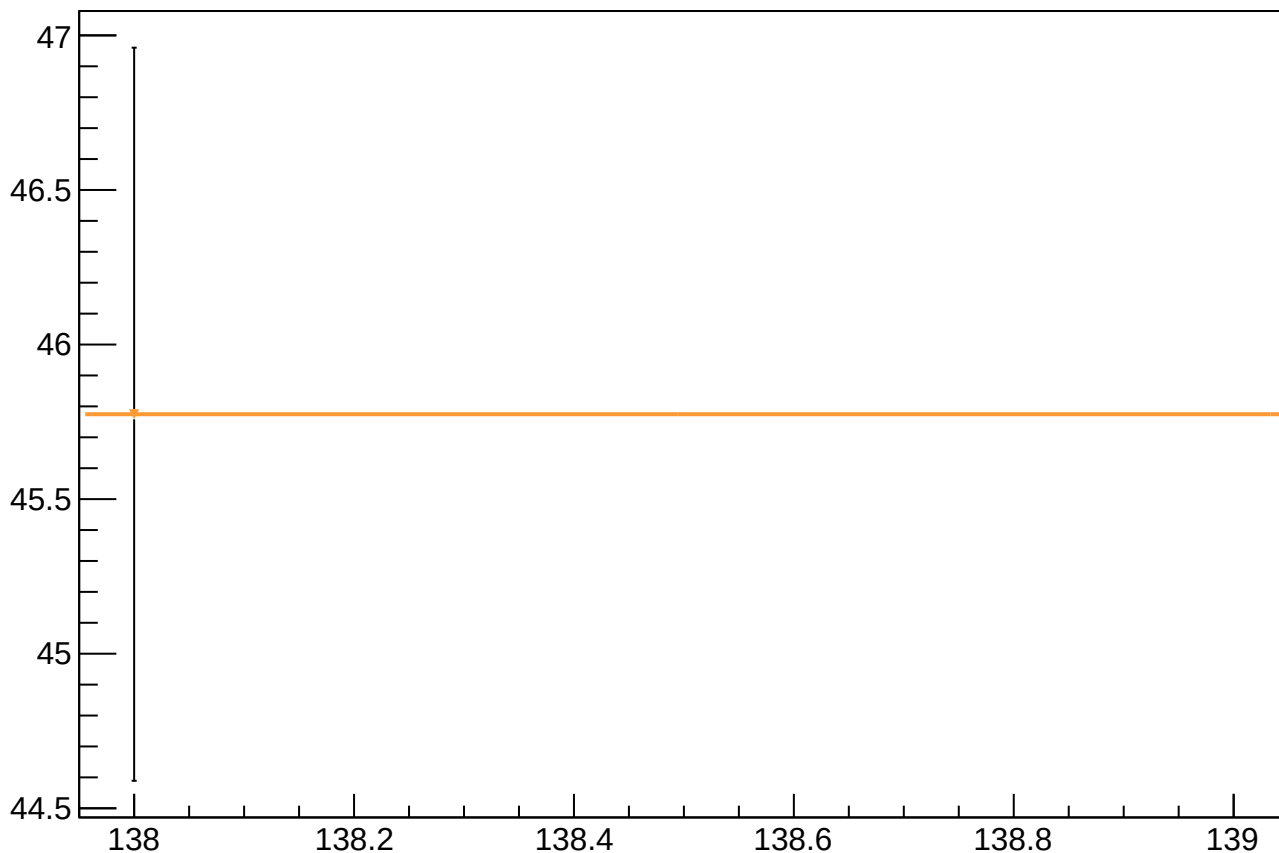
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Out: -58.103 ± 1.147 $\chi^2/\text{NDF}: 0.0/0$

All: -58.103 ± 1.147 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 45.775 $\pm$ 1.186 χ^2 /NDF: 0.0/0

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

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

Left: 45.775 $\pm$ 1.186 χ^2 /NDF: 0.0/0

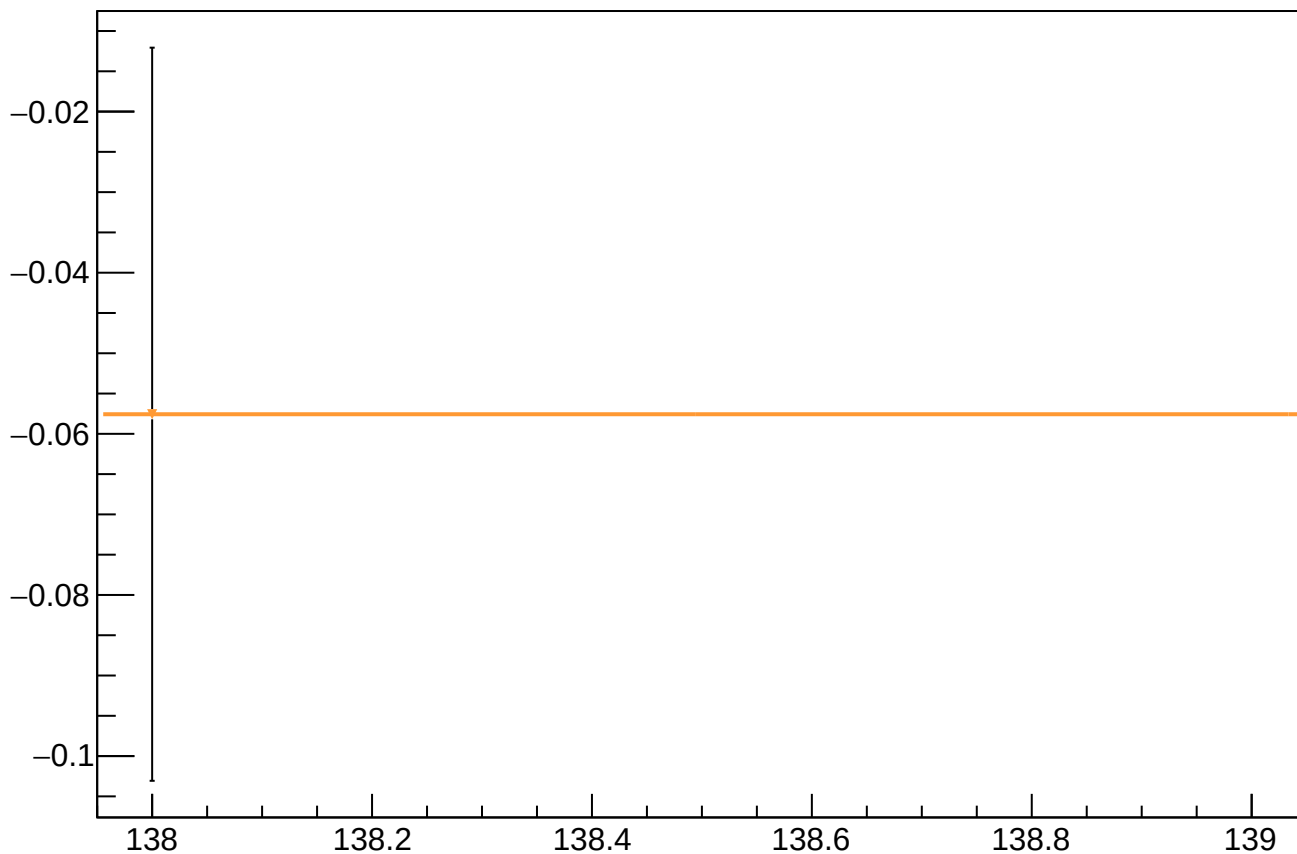
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 45.775 $\pm$ 1.186 χ^2 /NDF: 0.0/0

All: 45.775 $\pm$ 1.186 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.058 ± 0.045 $\chi^2/\text{NDF}: 0.0/0$

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

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

Left: -0.058 ± 0.045 $\chi^2/\text{NDF}: 0.0/0$

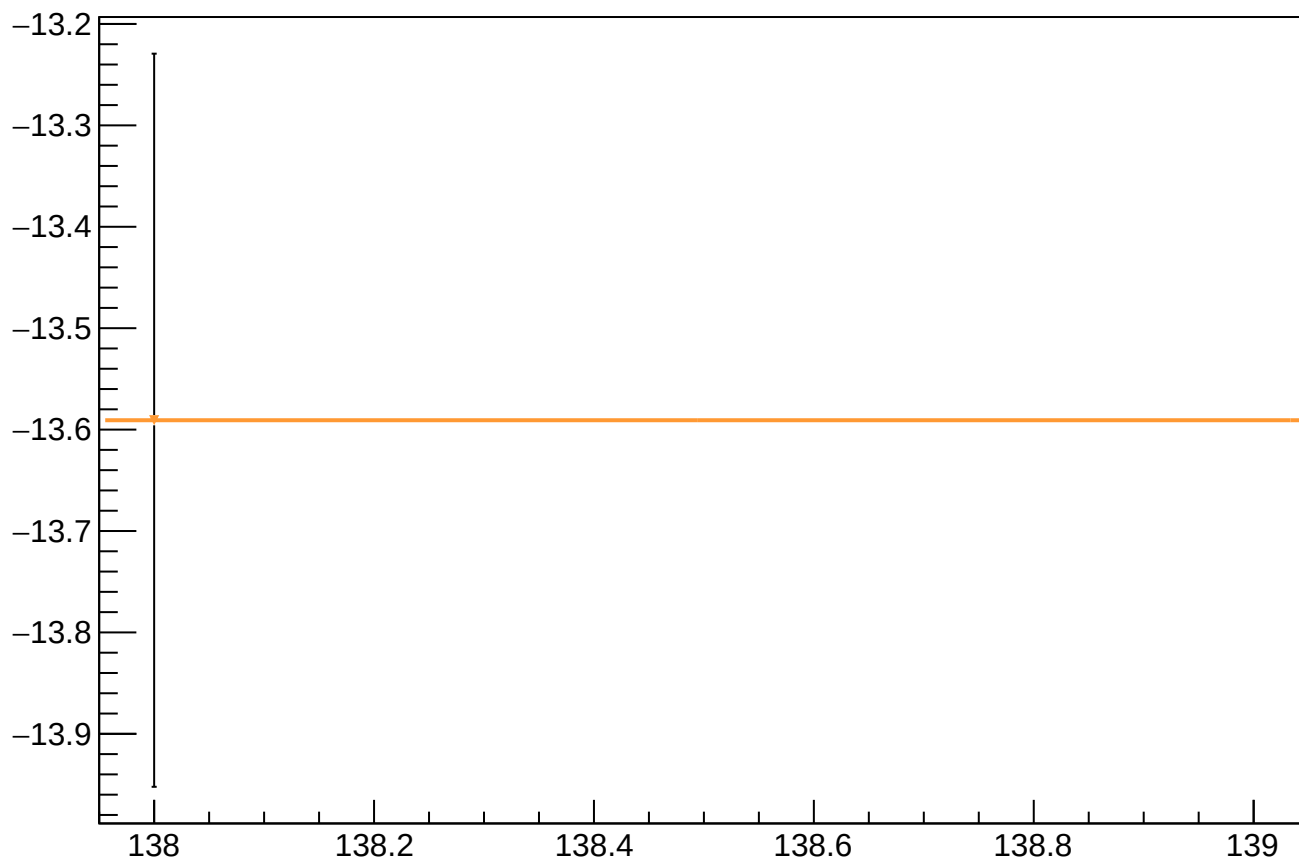
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Out: -0.058 ± 0.045 $\chi^2/\text{NDF}: 0.0/0$

All: -0.058 ± 0.045 $\chi^2/\text{NDF}: 0.0/0$

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: -13.591+/-0.361 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: -13.591+/-0.361 χ^2/NDF : 0.0/0

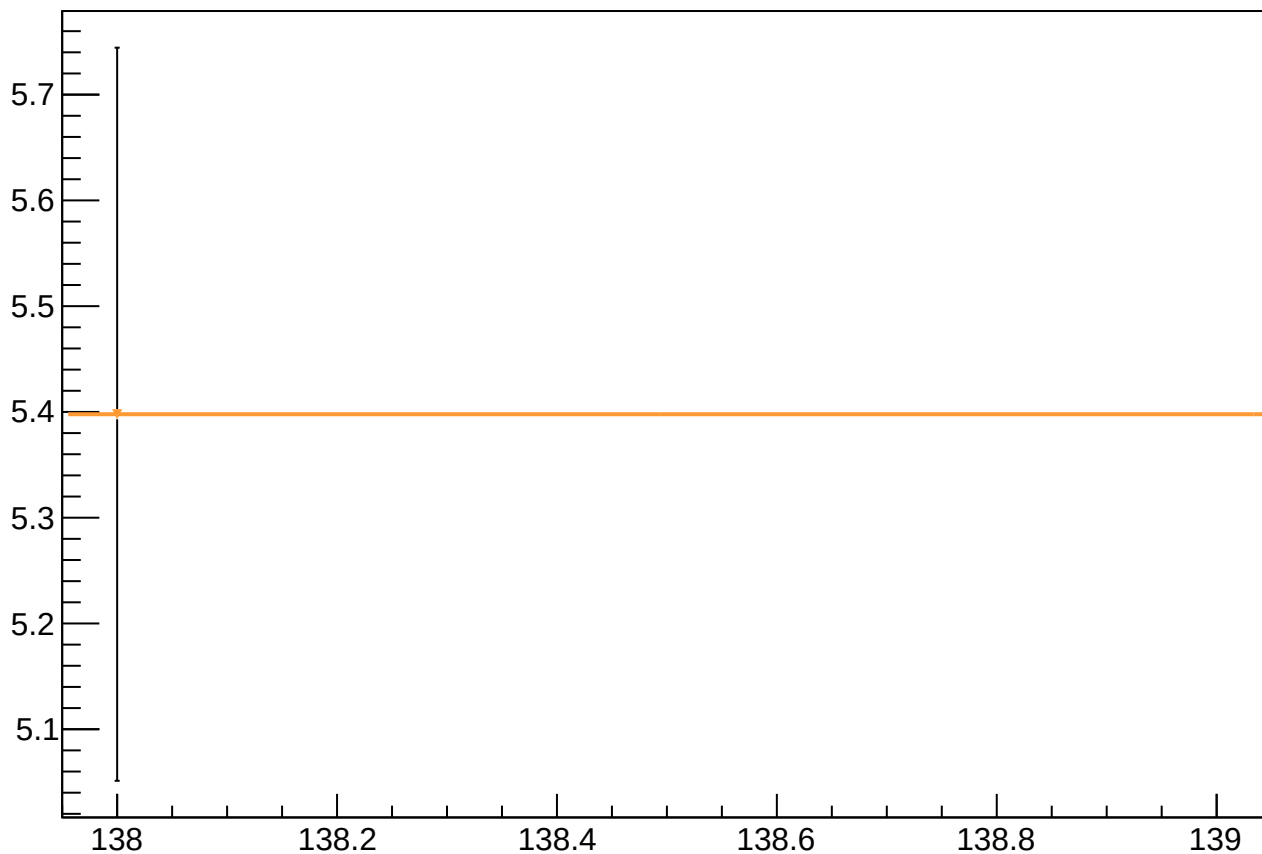
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -13.591+/-0.361 χ^2/NDF : 0.0/0

All: -13.591+/-0.361 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 5.398 $\pm$ 0.347 χ^2 /NDF:0.0/0

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

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

Left: 5.398 $\pm$ 0.347 χ^2 /NDF: 0.0/0

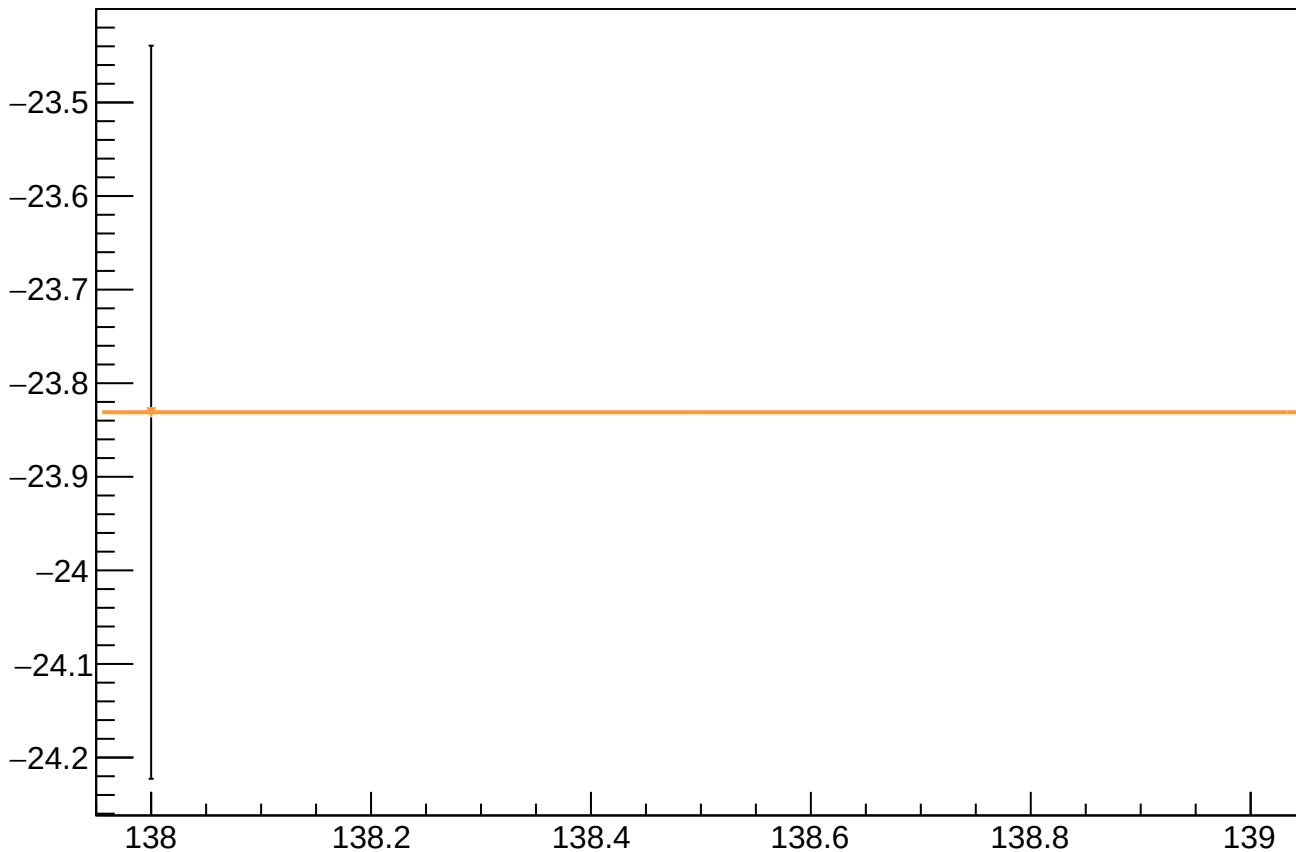
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 5.398 $\pm$ 0.347 χ^2 /NDF:0.0/0

All: 5.398 $\pm$ 0.347 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -23.831+/-0.392 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: -23.831+/-0.392 χ^2/NDF : 0.0/0

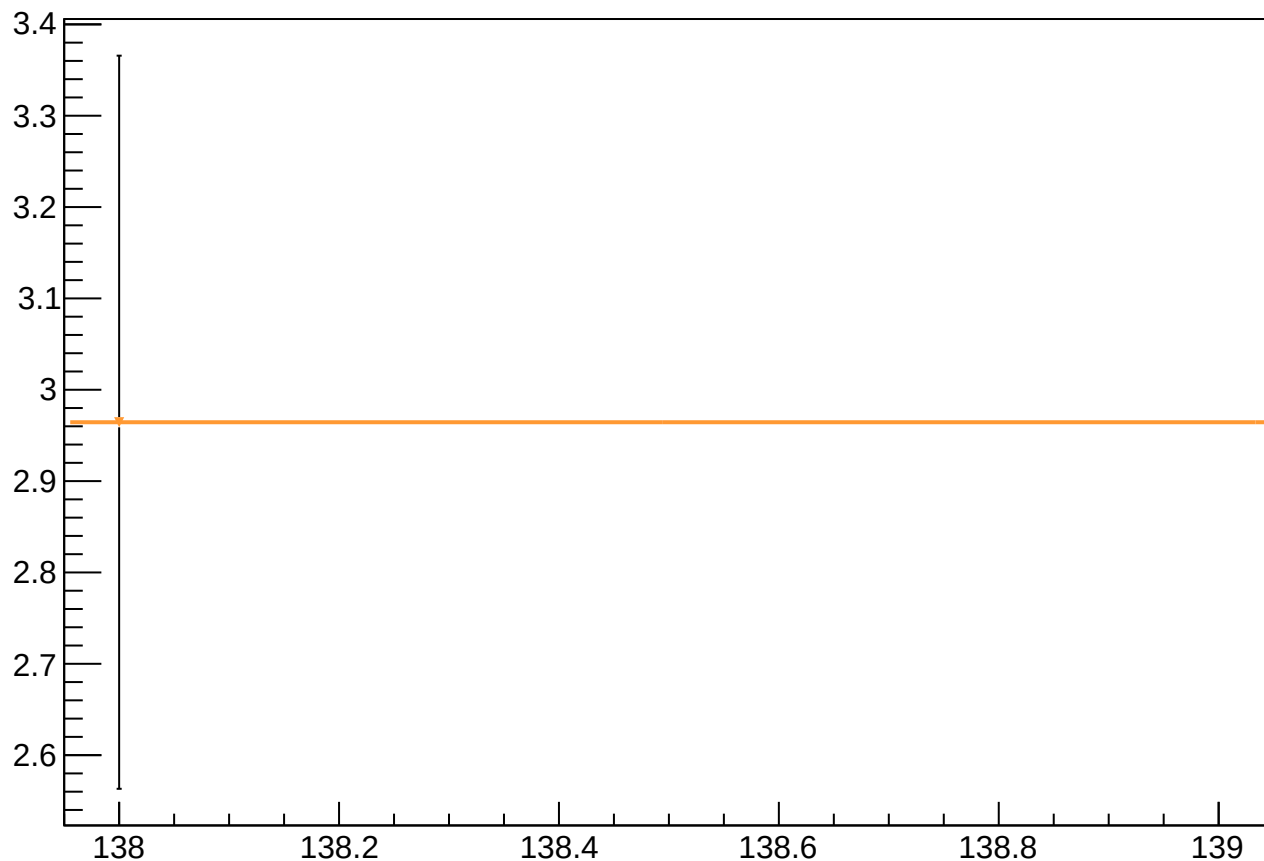
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -23.831+/-0.392 χ^2/NDF : 0.0/0

All: -23.831+/-0.392 χ^2/NDF : 0.0/0

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: 2.964 $\pm$ 0.401 χ^2 /NDF: 0.0/0

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

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

Left: 2.964 $\pm$ 0.401 χ^2 /NDF: 0.0/0

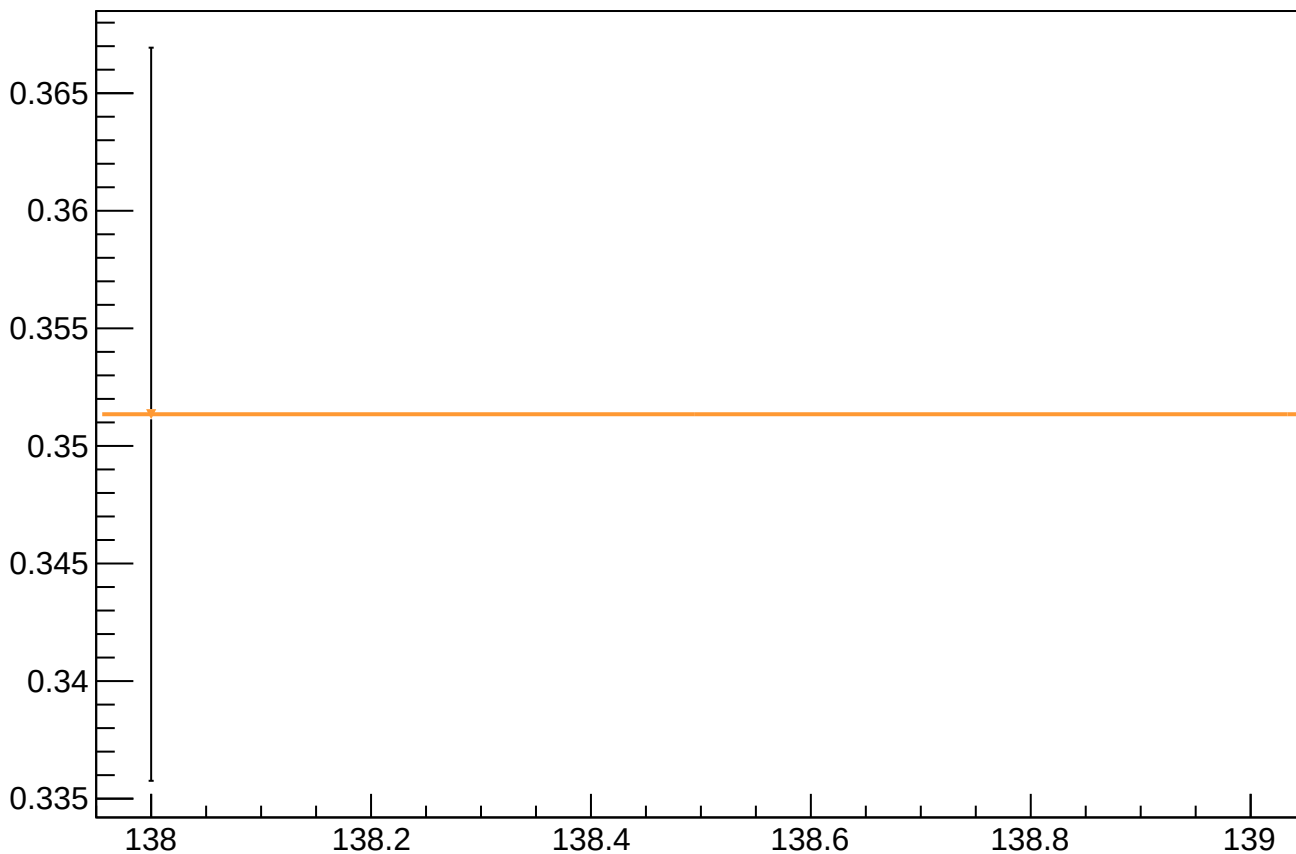
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 2.964 $\pm$ 0.401 χ^2 /NDF: 0.0/0

All: 2.964 $\pm$ 0.401 χ^2 /NDF: 0.0/0

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: 0.351+/-0.016 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: 0.351+/-0.016 χ^2/NDF : 0.0/0

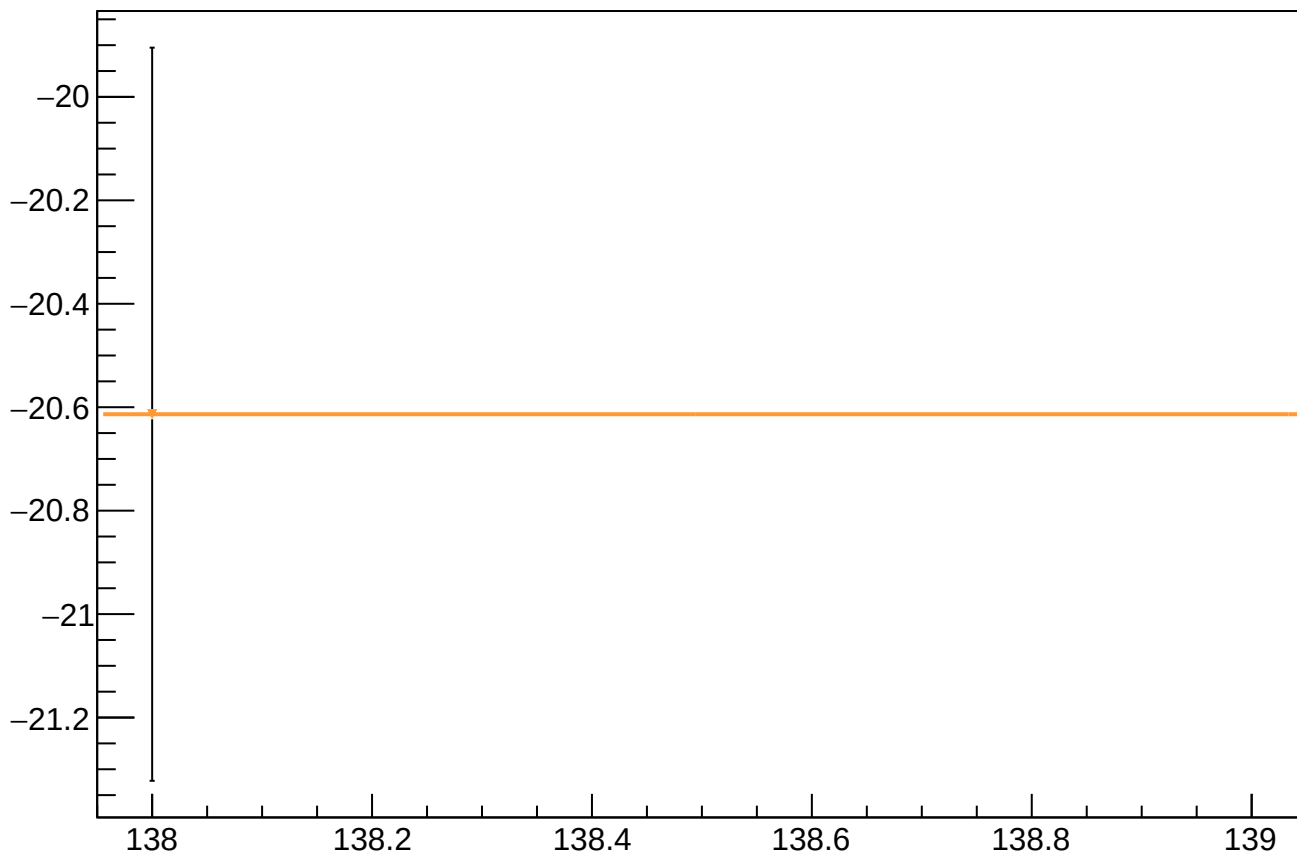
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.351+/-0.016 χ^2/NDF : 0.0/0

All: 0.351+/-0.016 χ^2/NDF : 0.0/0

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: -20.614+/-0.709 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: -20.614+/-0.709 χ^2/NDF : 0.0/0

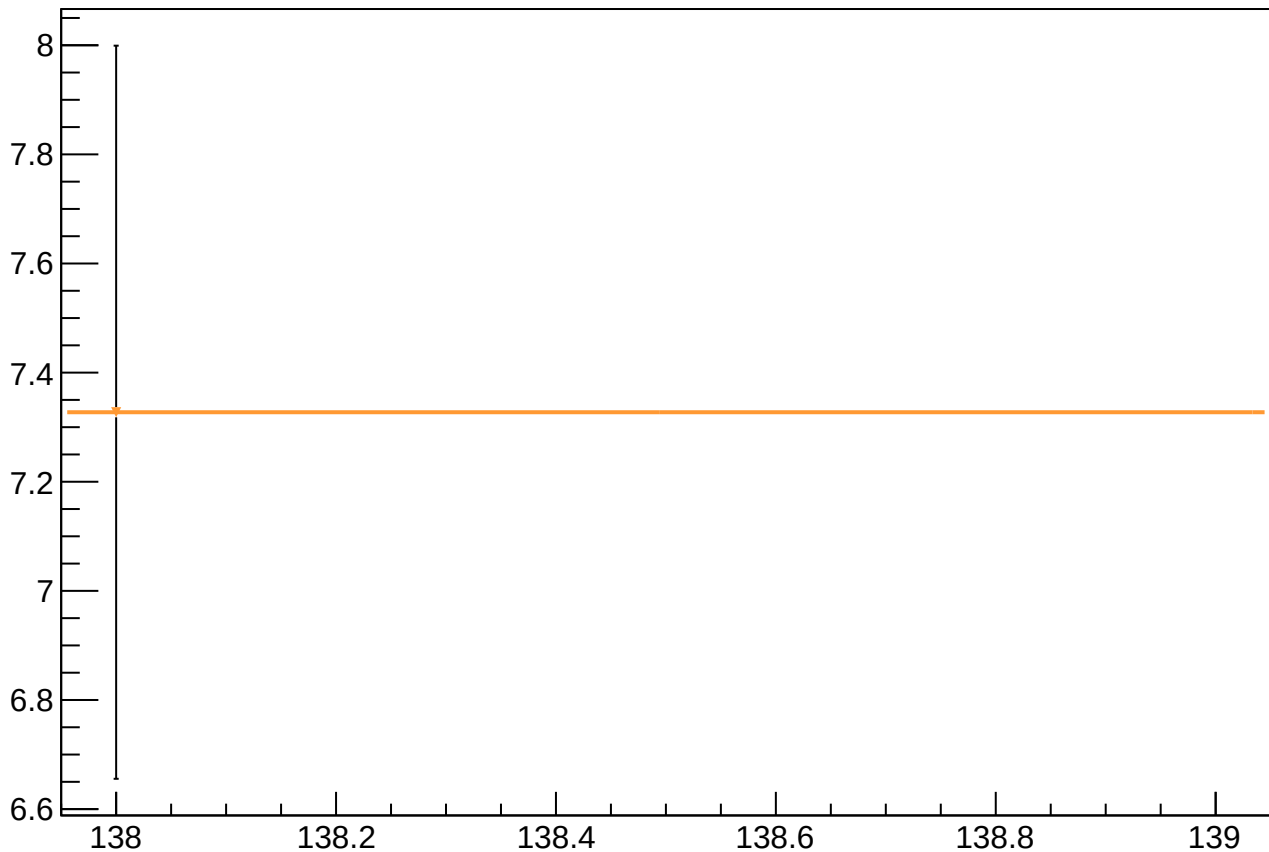
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -20.614+/-0.709 χ^2/NDF : 0.0/0

All: -20.614+/-0.709 χ^2/NDF : 0.0/0

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: 7.327+/-0.672 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: 7.327+/-0.672 χ^2/NDF : 0.0/0

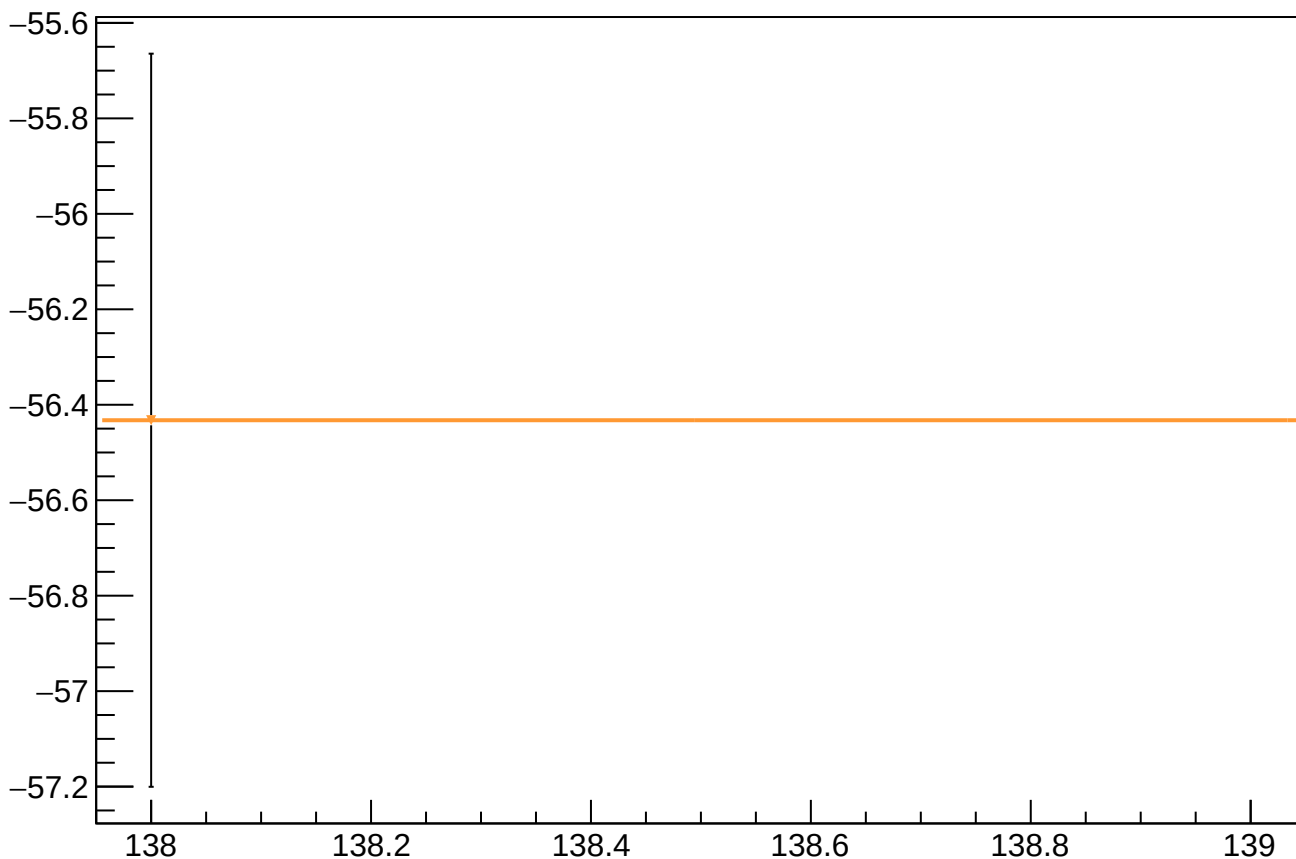
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 7.327+/-0.672 χ^2/NDF : 0.0/0

All: 7.327+/-0.672 χ^2/NDF : 0.0/0

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: -56.432+/-0.768 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: -56.432+/-0.768 χ^2/NDF : 0.0/0

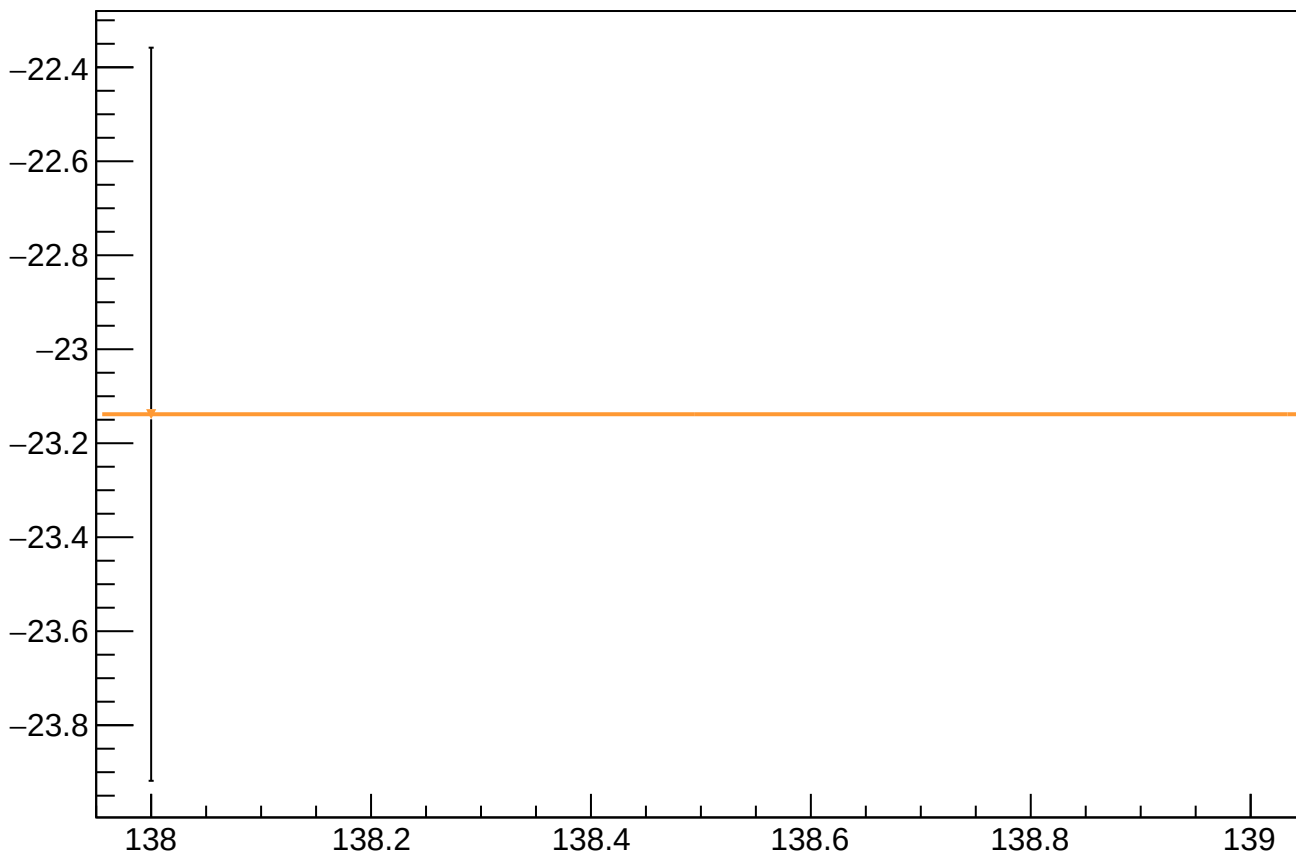
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -56.432+/-0.768 χ^2/NDF : 0.0/0

All: -56.432+/-0.768 χ^2/NDF : 0.0/0

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: -23.138+/-0.780 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: -23.138+/-0.780 χ^2/NDF : 0.0/0

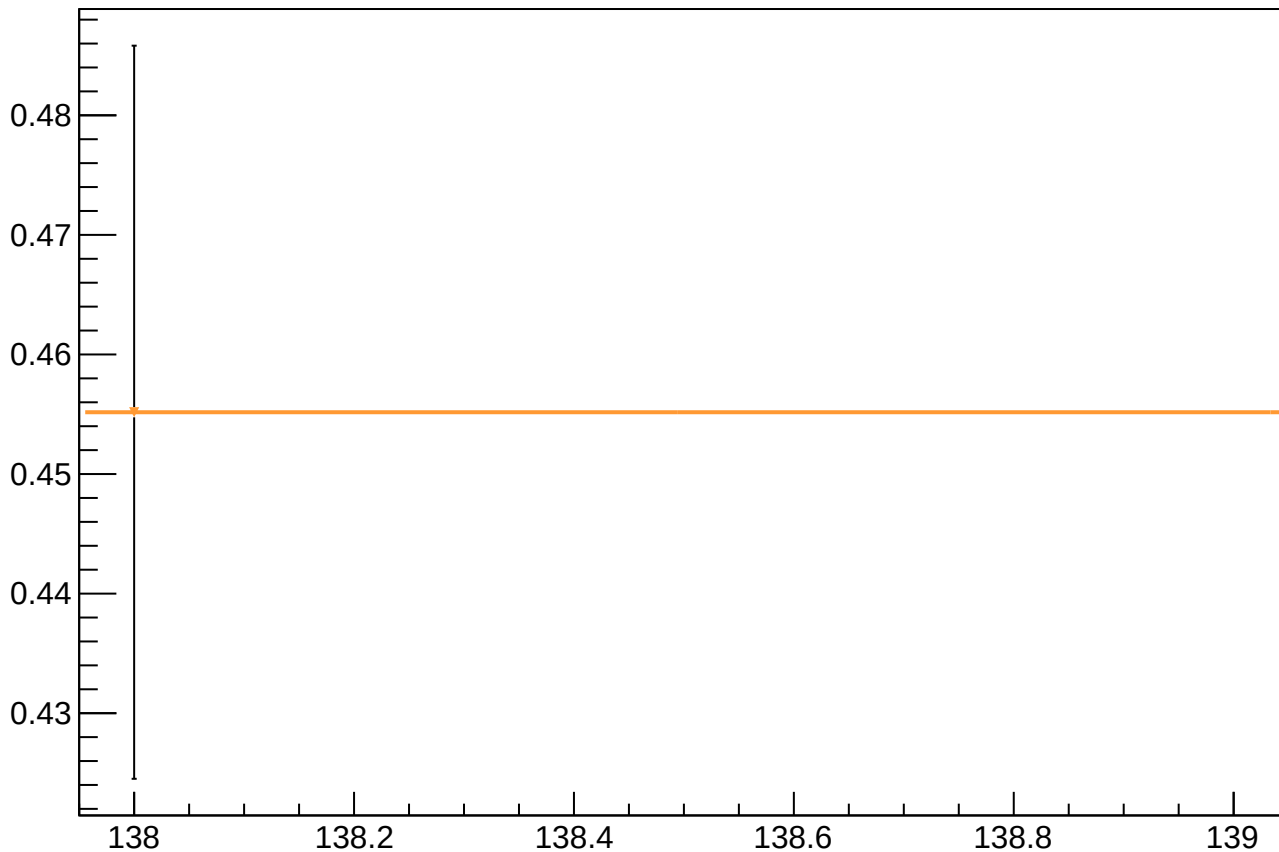
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -23.138+/-0.780 χ^2/NDF : 0.0/0

All: -23.138+/-0.780 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.455 $\pm$ 0.031 χ^2 /NDF: 0.0/0

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

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

Left: 0.455 $\pm$ 0.031 χ^2 /NDF: 0.0/0

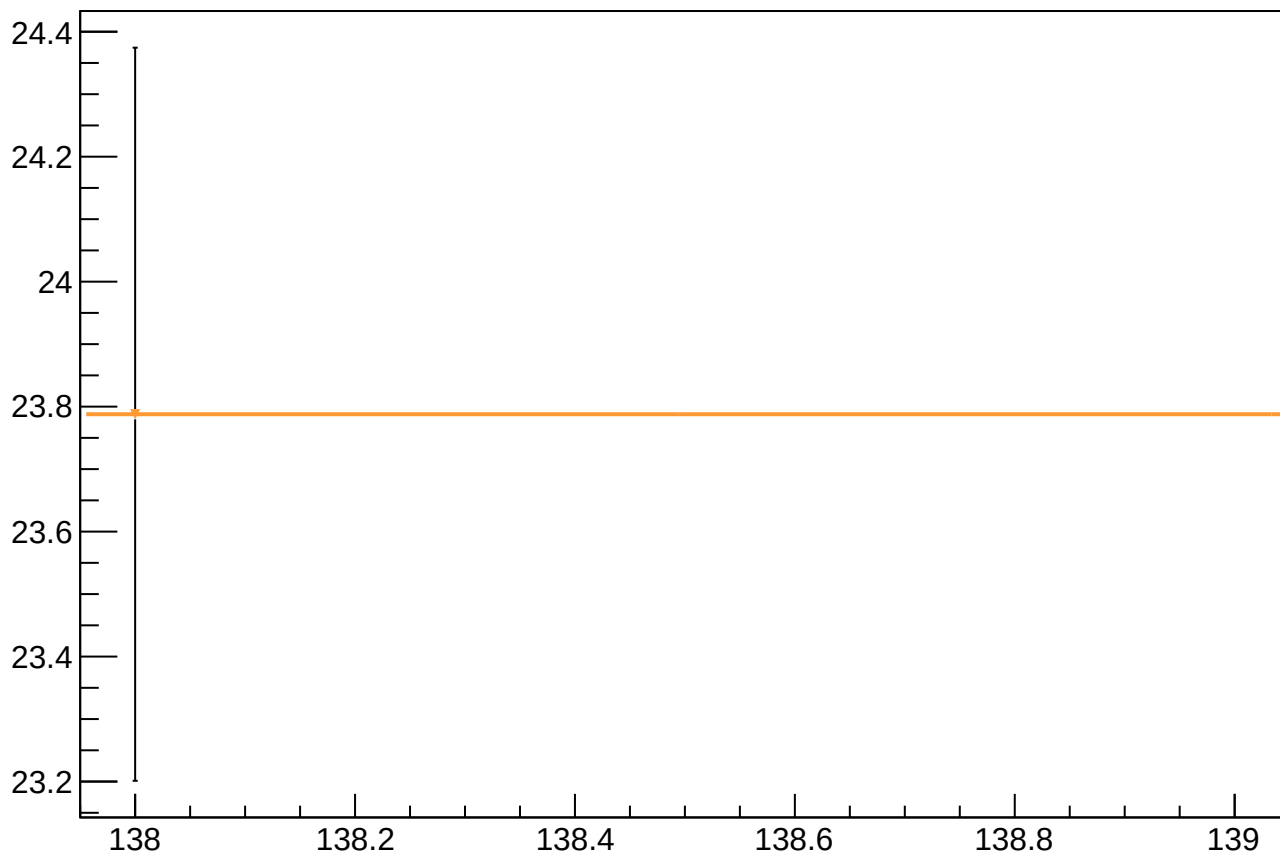
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.455 $\pm$ 0.031 χ^2 /NDF: 0.0/0

All: 0.455 $\pm$ 0.031 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 23.788 $\pm$ 0.587 χ^2 /NDF: 0.0/0

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

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

Left: 23.788 $\pm$ 0.587 χ^2 /NDF: 0.0/0

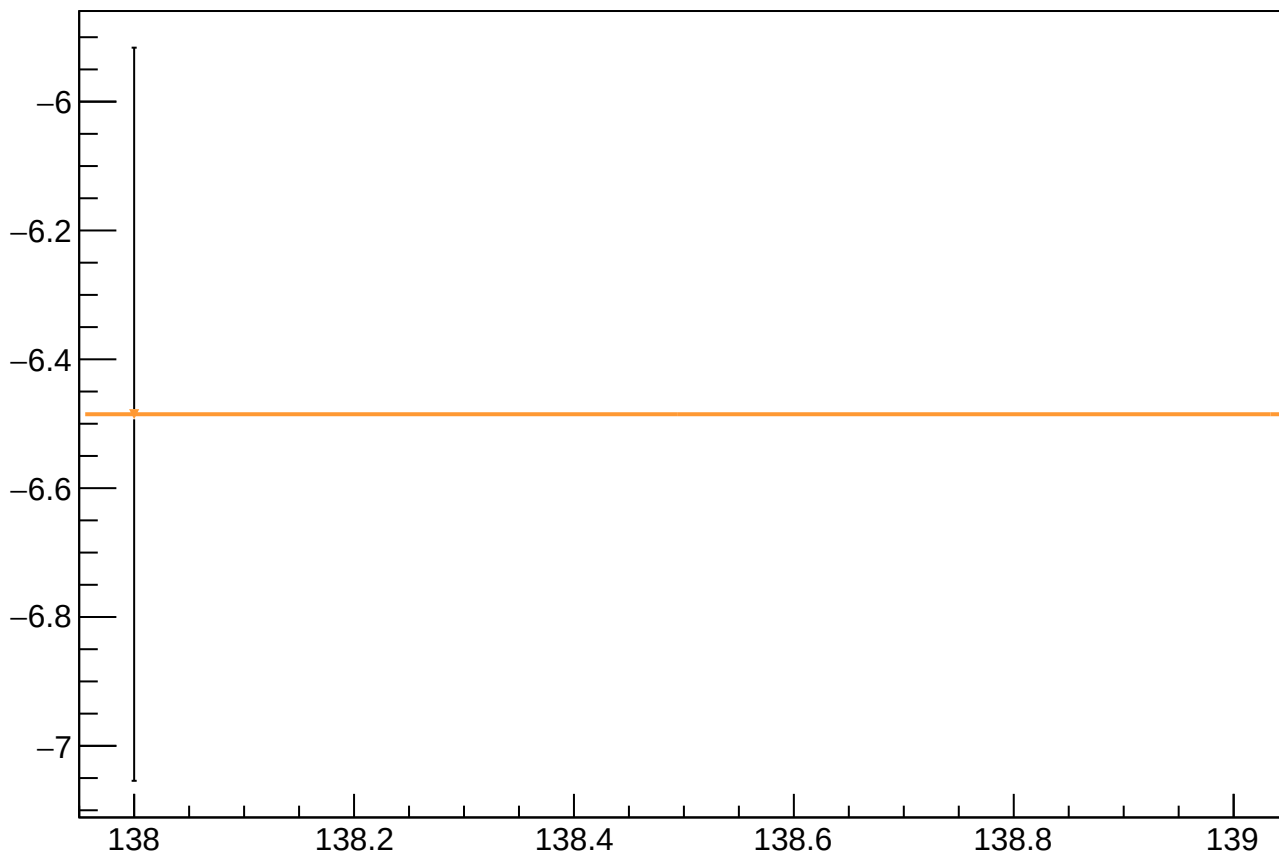
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 23.788 $\pm$ 0.587 χ^2 /NDF: 0.0/0

All: 23.788 $\pm$ 0.587 χ^2 /NDF: 0.0/0

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: -6.485+/-0.569 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: -6.485+/-0.569 χ^2/NDF : 0.0/0

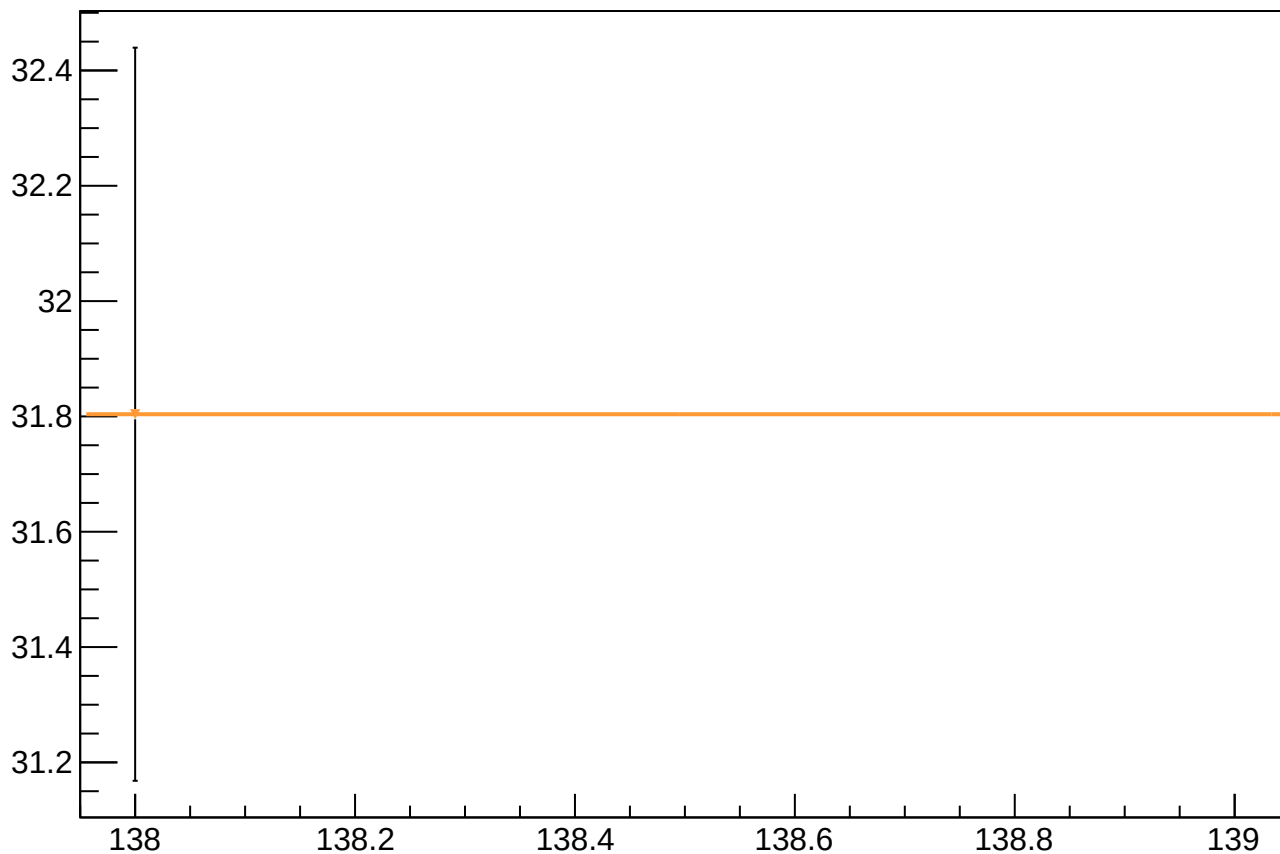
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -6.485+/-0.569 χ^2/NDF : 0.0/0

All: -6.485+/-0.569 χ^2/NDF : 0.0/0

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: 31.804+/-0.636 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: 31.804+/-0.636 χ^2/NDF : 0.0/0

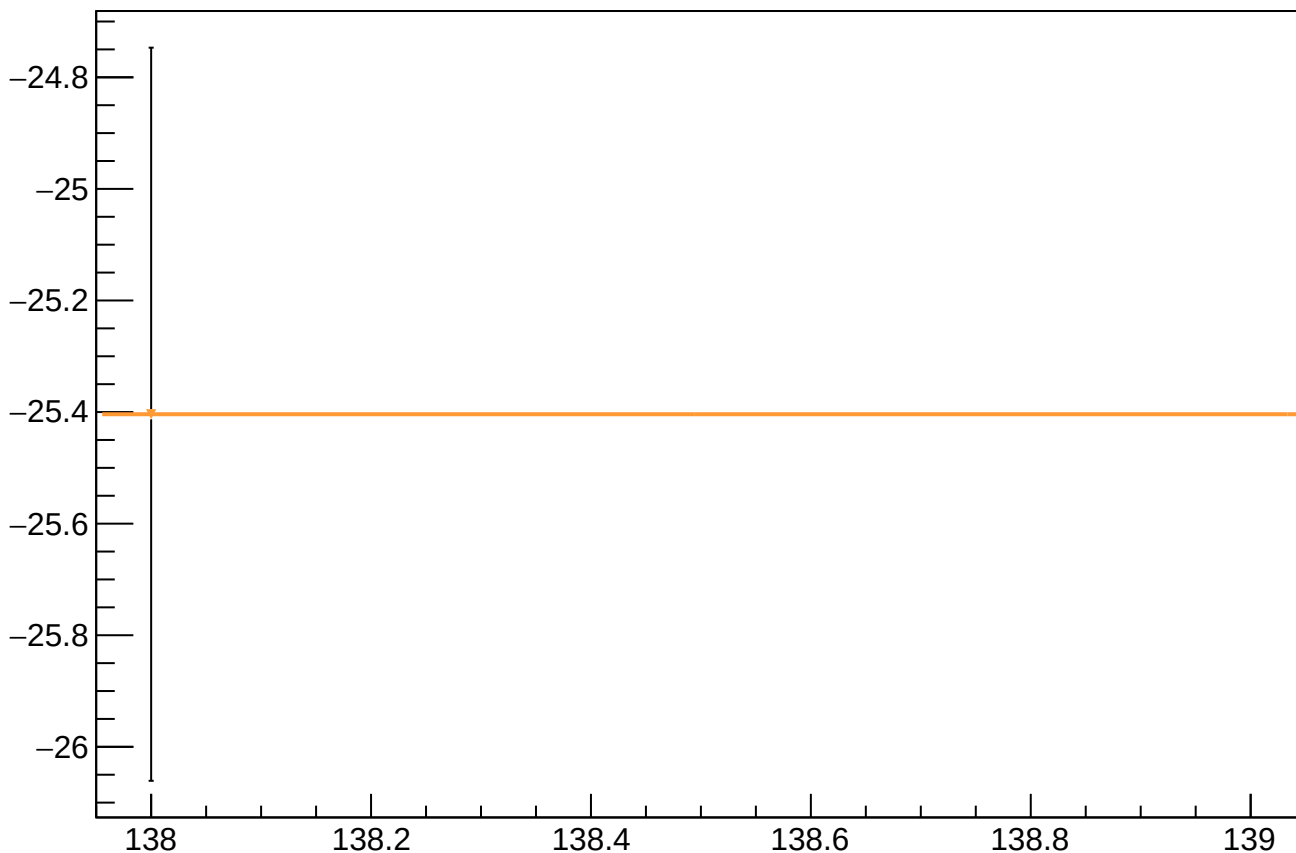
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 31.804+/-0.636 χ^2/NDF : 0.0/0

All: 31.804+/-0.636 χ^2/NDF : 0.0/0

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: -25.404+/-0.657 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: -25.404+/-0.657 χ^2/NDF : 0.0/0

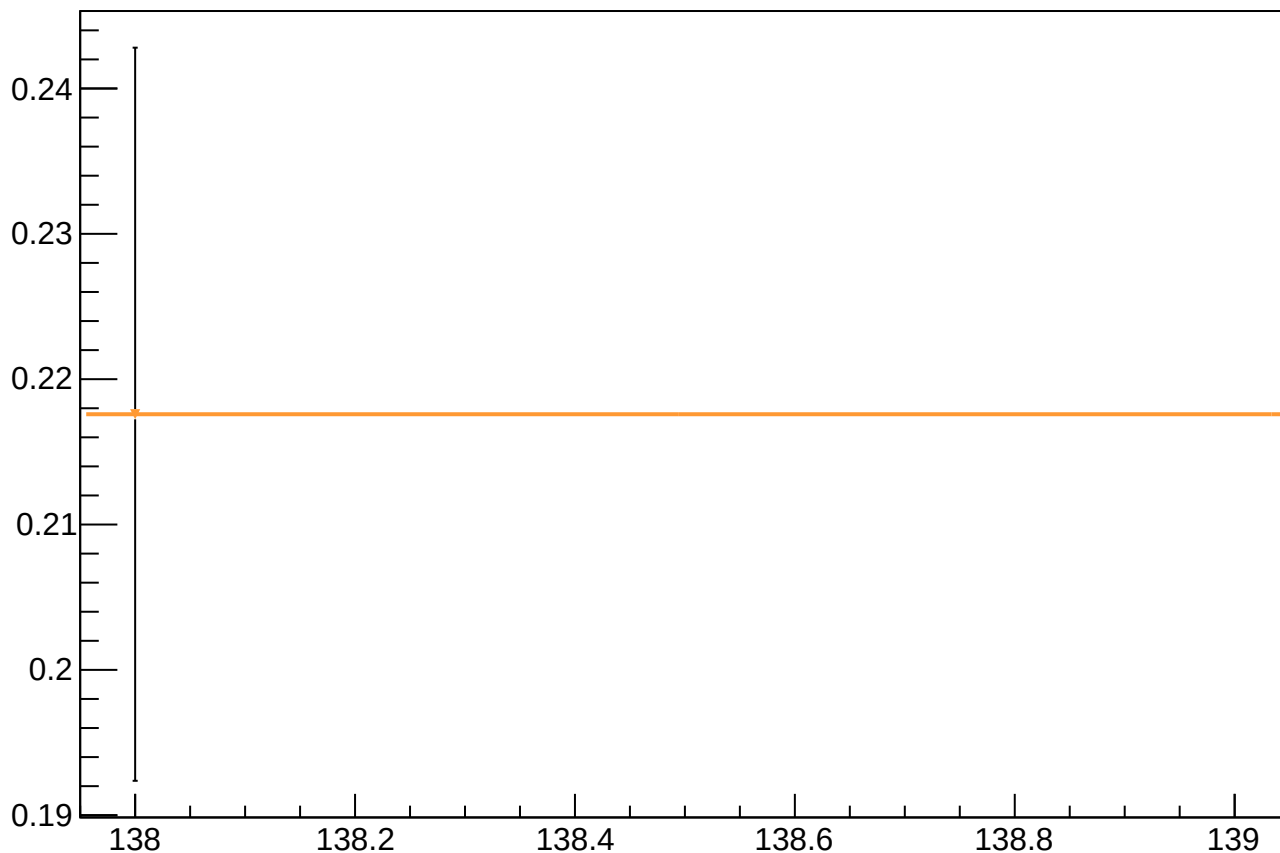
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -25.404+/-0.657 χ^2/NDF : 0.0/0

All: -25.404+/-0.657 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.218+/-0.025 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: 0.218+/-0.025 χ^2/NDF : 0.0/0

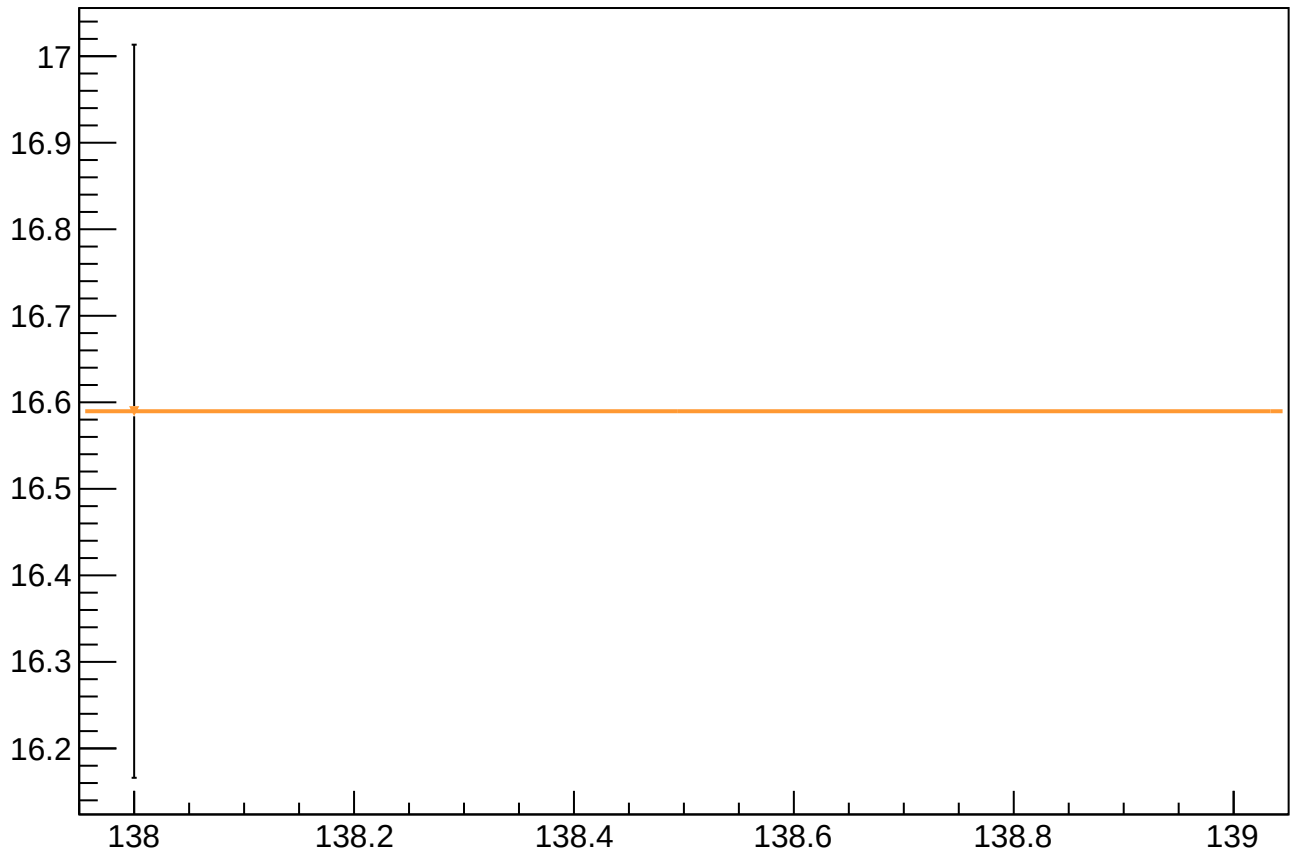
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.218+/-0.025 χ^2/NDF : 0.0/0

All: 0.218+/-0.025 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 16.590+/-0.424 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: 16.590+/-0.424 χ^2/NDF : 0.0/0

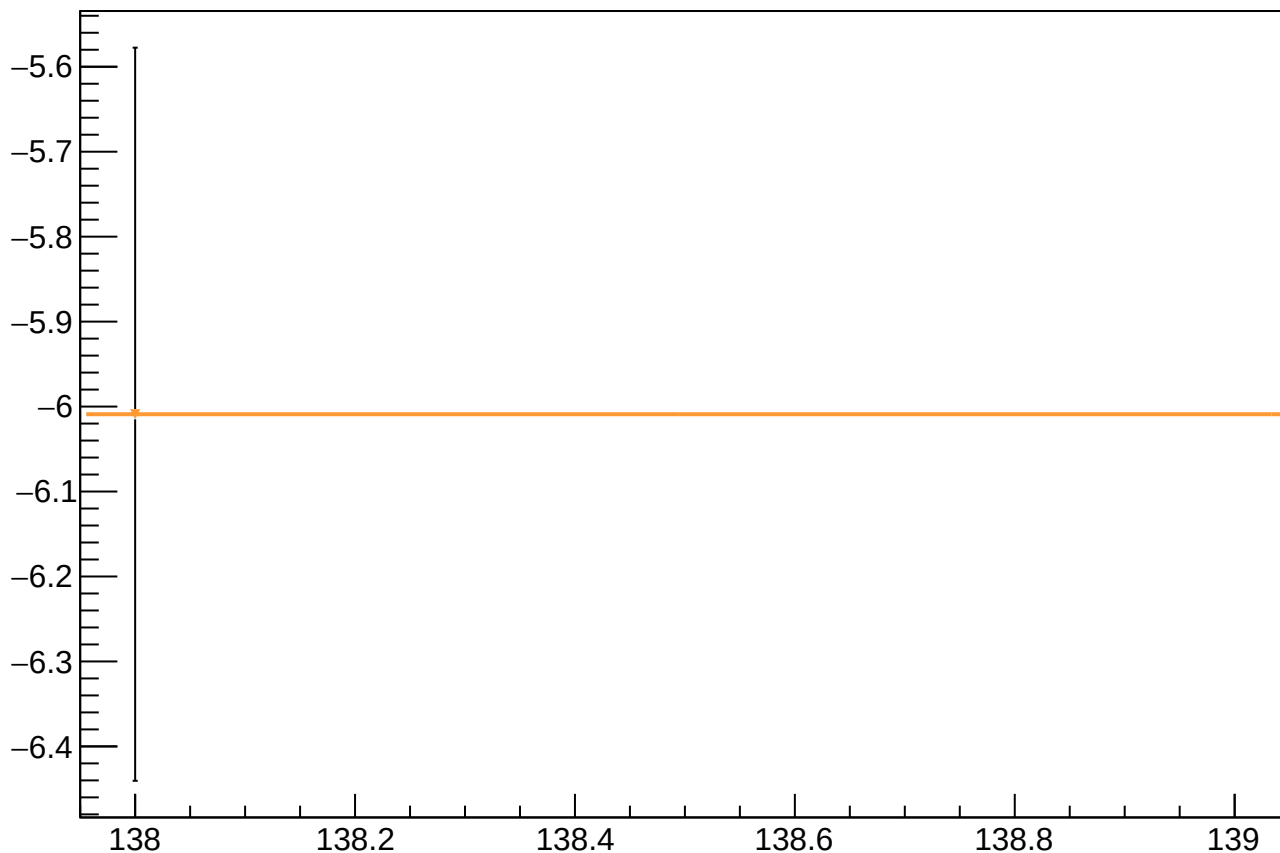
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 16.590+/-0.424 χ^2/NDF : 0.0/0

All: 16.590+/-0.424 χ^2/NDF : 0.0/0

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: -6.009+/-0.431 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: -6.009+/-0.431 χ^2/NDF : 0.0/0

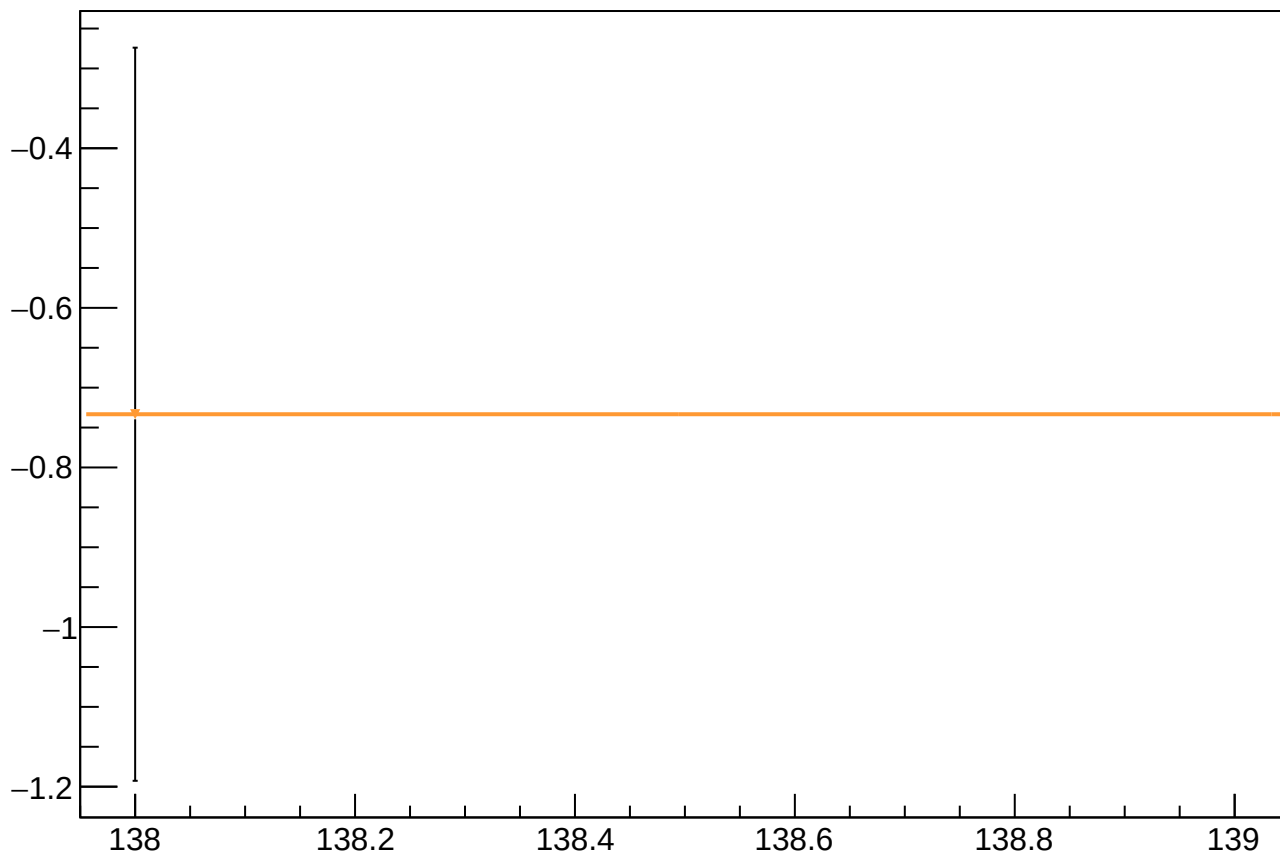
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -6.009+/-0.431 χ^2/NDF : 0.0/0

All: -6.009+/-0.431 χ^2/NDF : 0.0/0

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: -0.733+/-0.459 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: -0.733+/-0.459 χ^2/NDF : 0.0/0

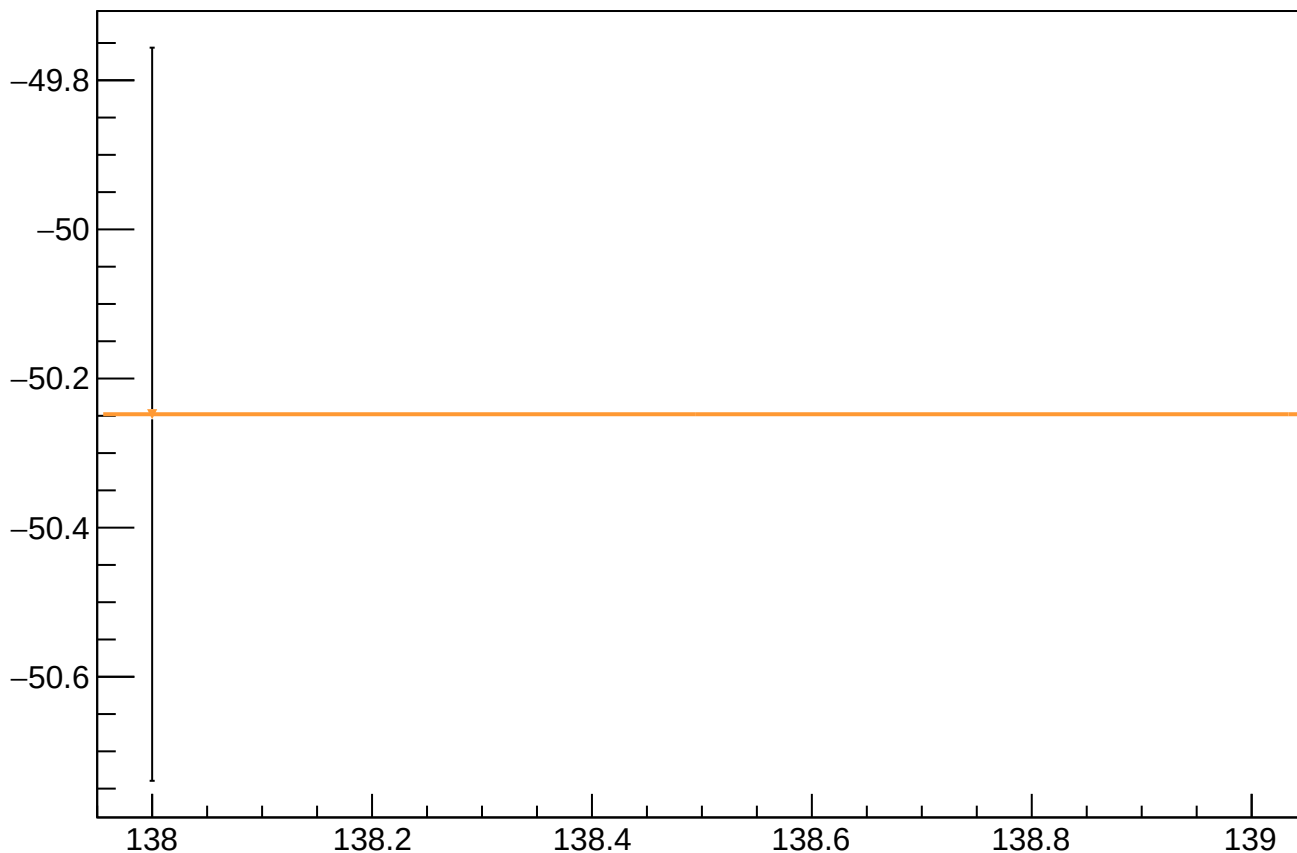
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -0.733+/-0.459 χ^2/NDF : 0.0/0

All: -0.733+/-0.459 χ^2/NDF : 0.0/0

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: -50.248+/-0.492 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: -50.248+/-0.492 χ^2/NDF : 0.0/0

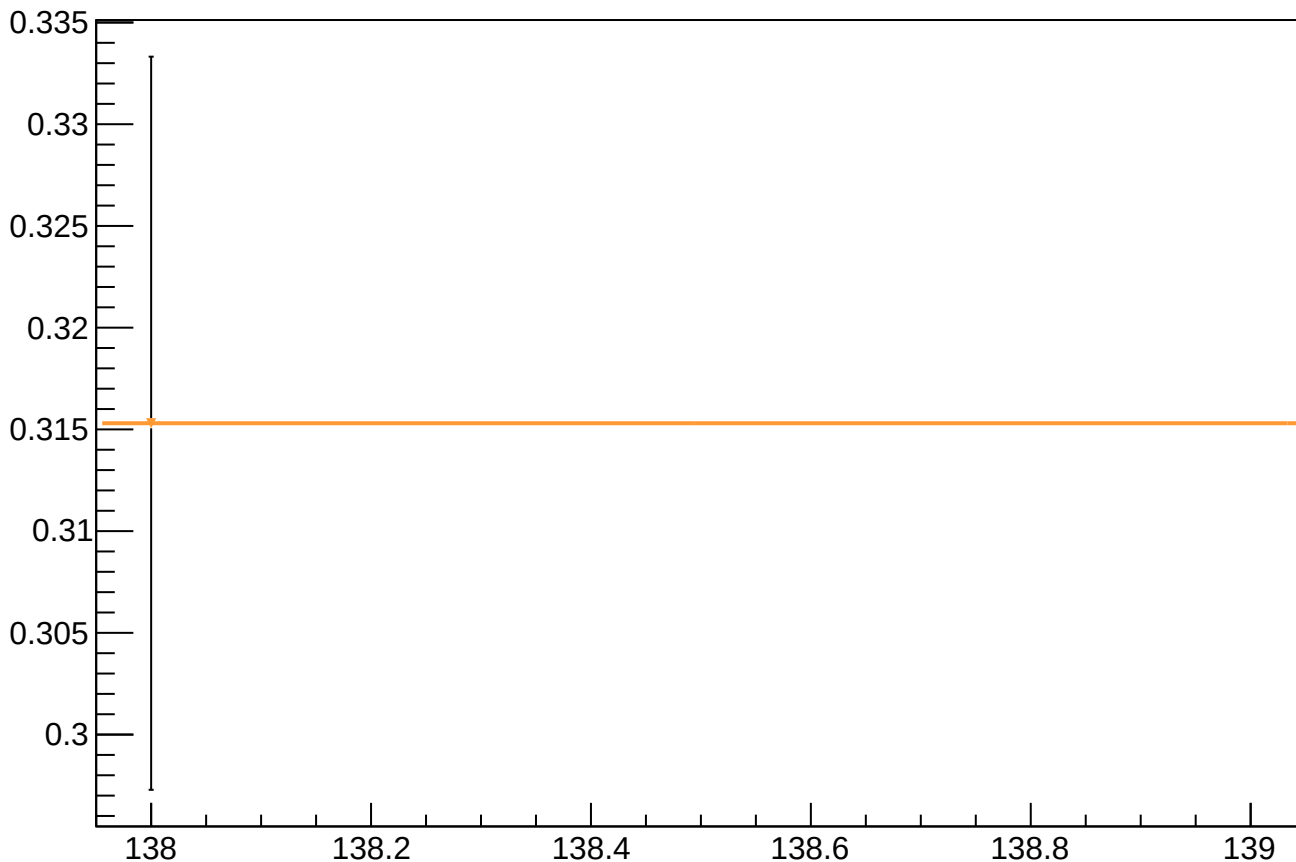
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -50.248+/-0.492 χ^2/NDF : 0.0/0

All: -50.248+/-0.492 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.315+/-0.018 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: 0.315+/-0.018 χ^2/NDF : 0.0/0

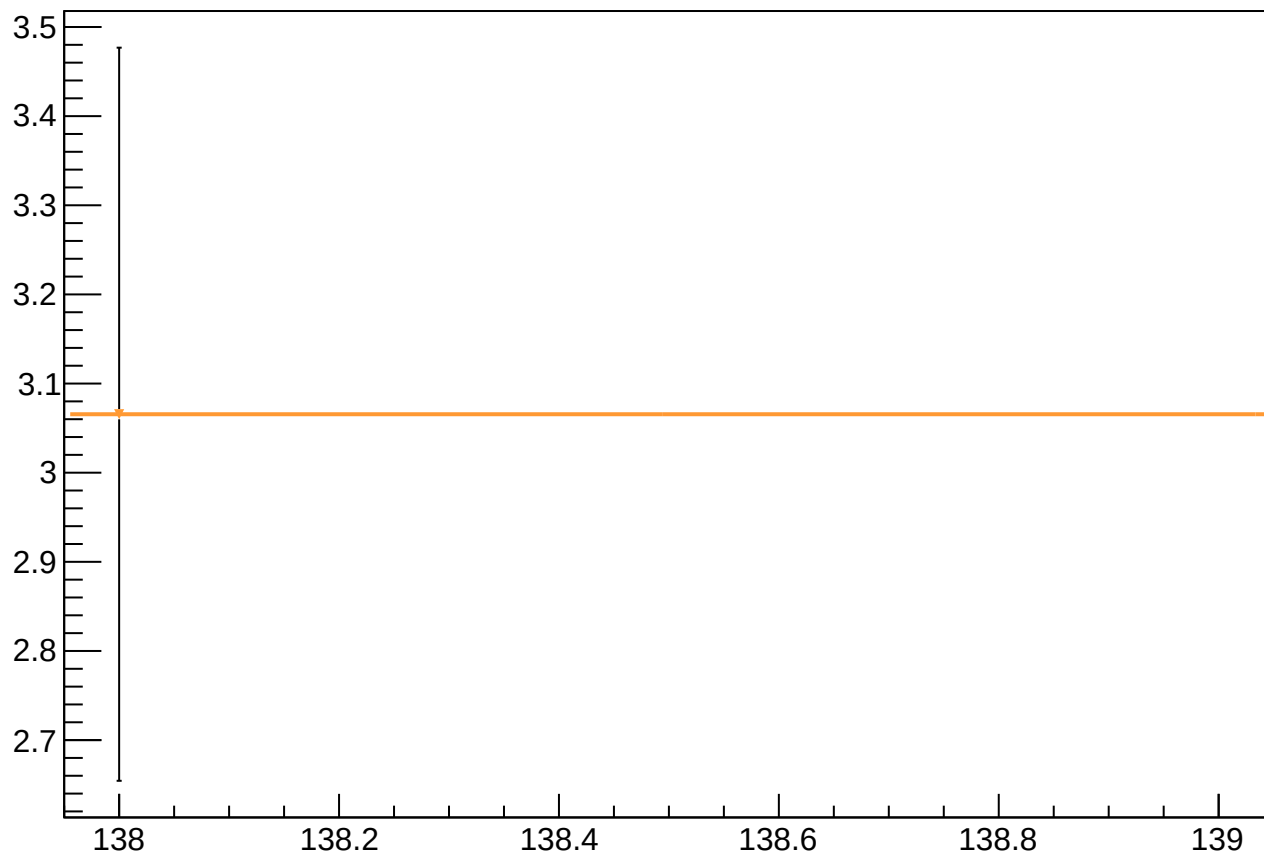
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.315+/-0.018 χ^2/NDF : 0.0/0

All: 0.315+/-0.018 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.066 $\pm$ 0.411 χ^2 /NDF: 0.0/0

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

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

Left: 3.066 $\pm$ 0.411 χ^2 /NDF: 0.0/0

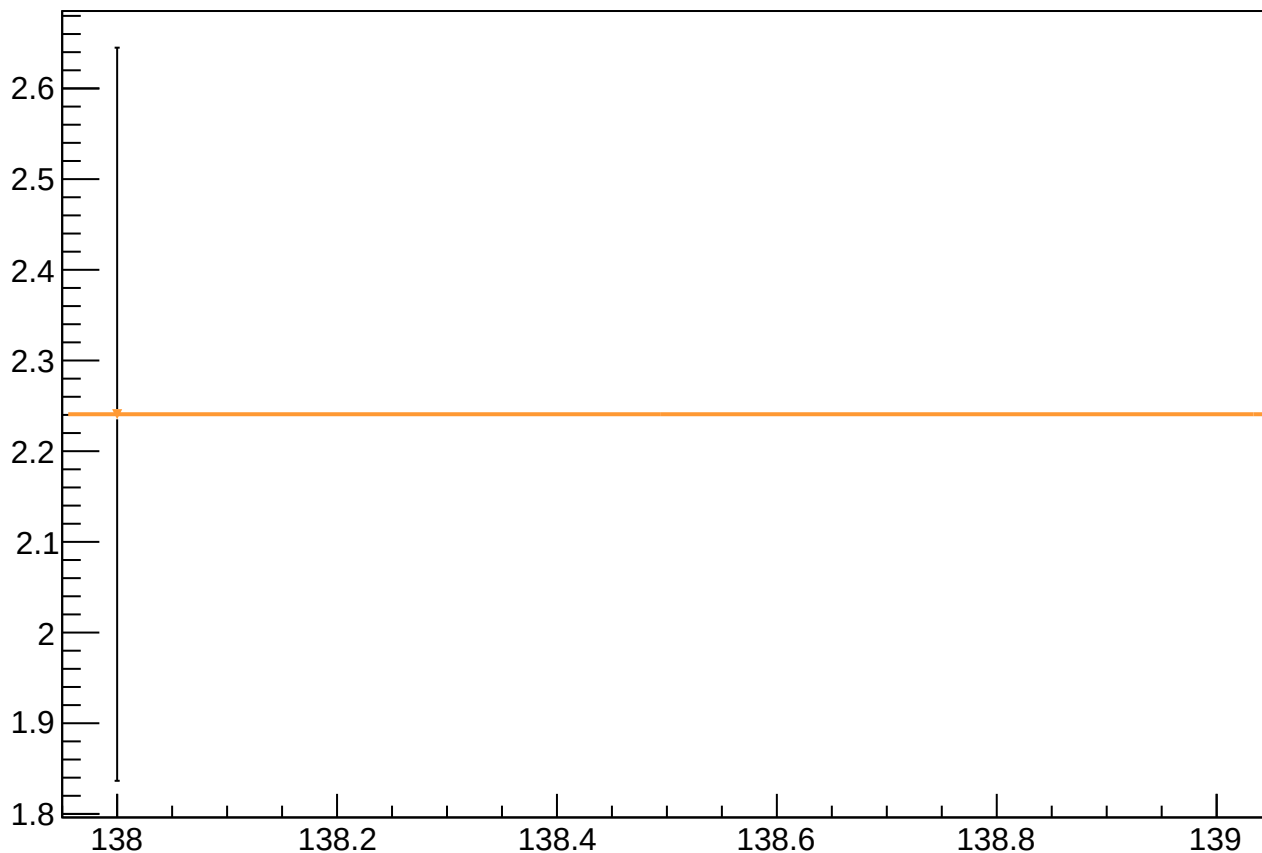
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 3.066 $\pm$ 0.411 χ^2 /NDF: 0.0/0

All: 3.066 $\pm$ 0.411 χ^2 /NDF: 0.0/0

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: 2.241 $\pm$ 0.404 χ^2 /NDF:0.0/0

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

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

Left: 2.241 $\pm$ 0.404 χ^2 /NDF: 0.0/0

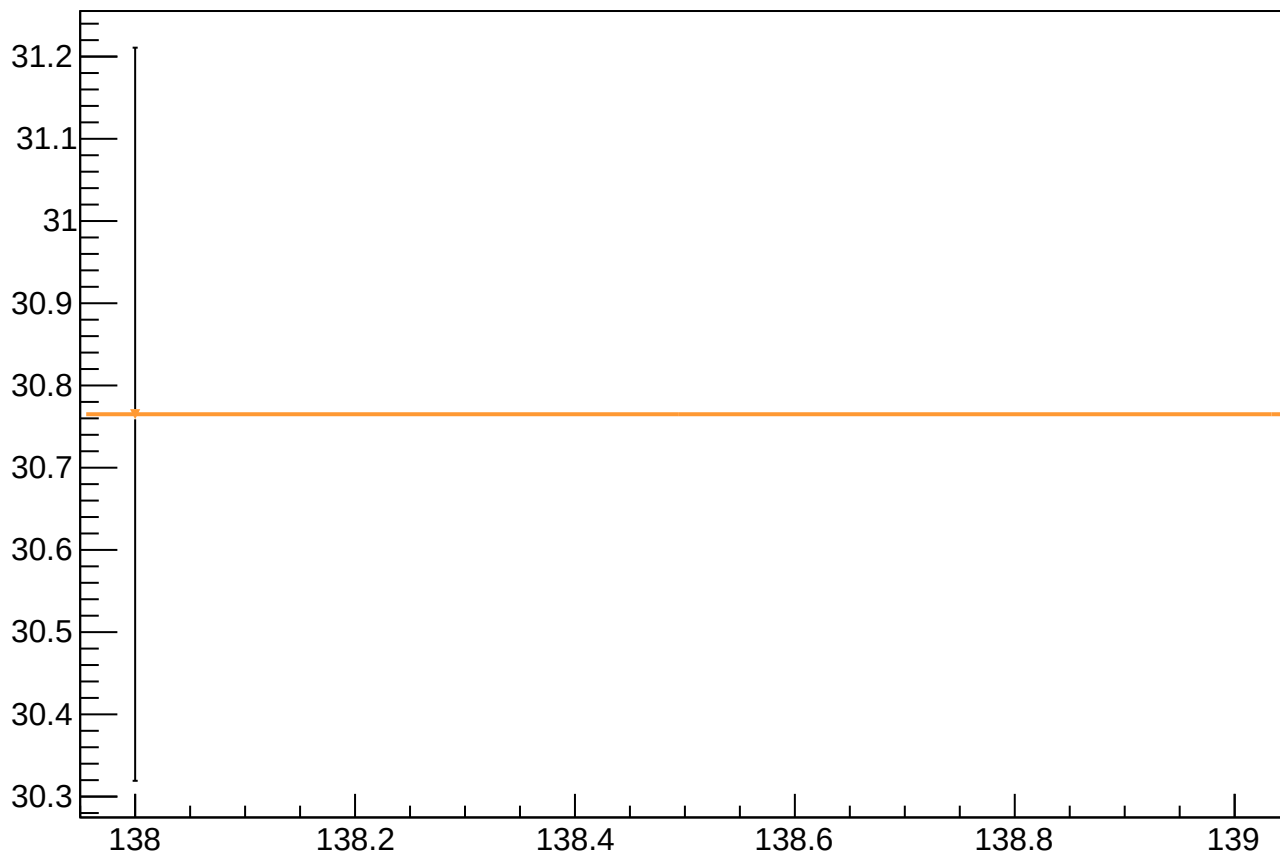
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 2.241 $\pm$ 0.404 χ^2 /NDF:0.0/0

All: 2.241 $\pm$ 0.404 χ^2 /NDF: 0.0/0

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: 30.765+/-0.446 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: 30.765+/-0.446 χ^2/NDF : 0.0/0

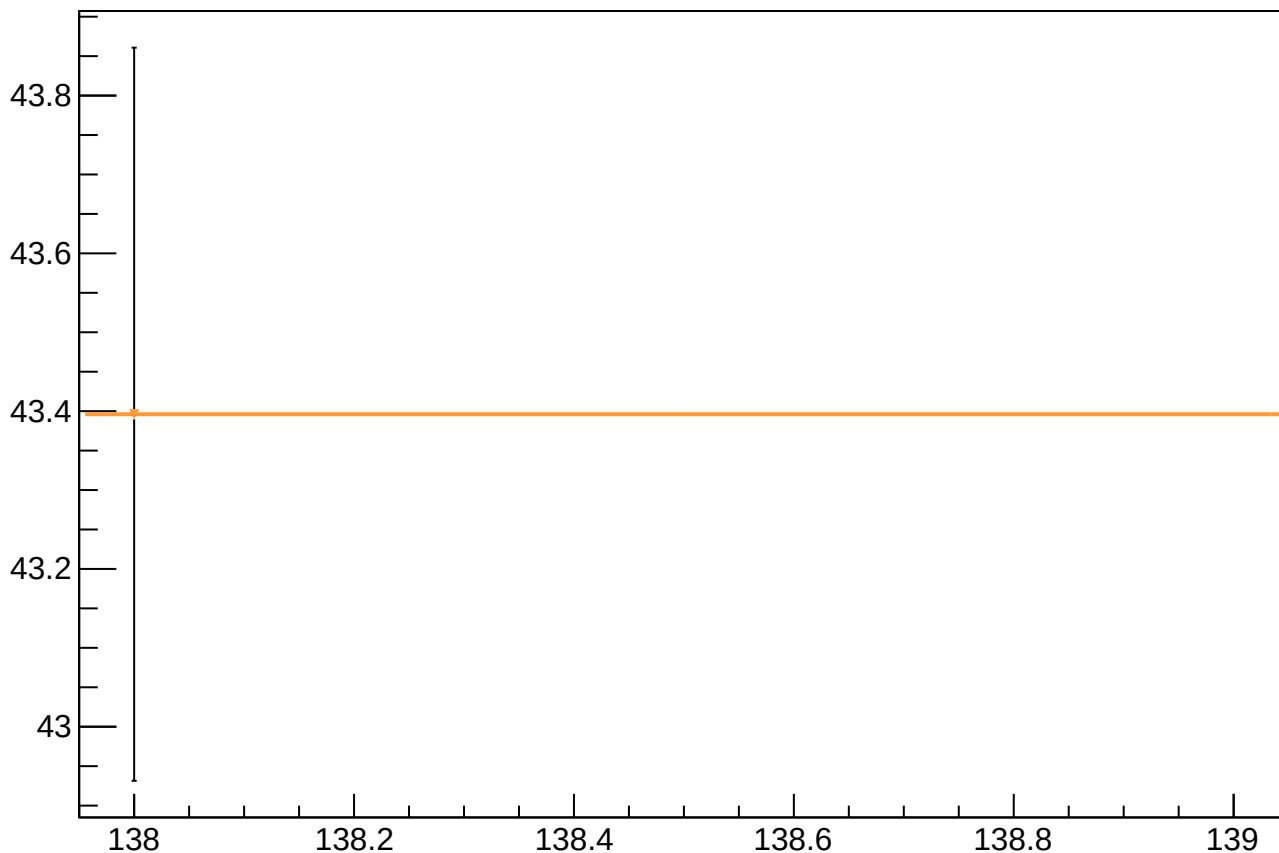
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 30.765+/-0.446 χ^2/NDF : 0.0/0

All: 30.765+/-0.446 χ^2/NDF : 0.0/0

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: 43.396+/-0.465 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: 43.396+/-0.465 χ^2/NDF : 0.0/0

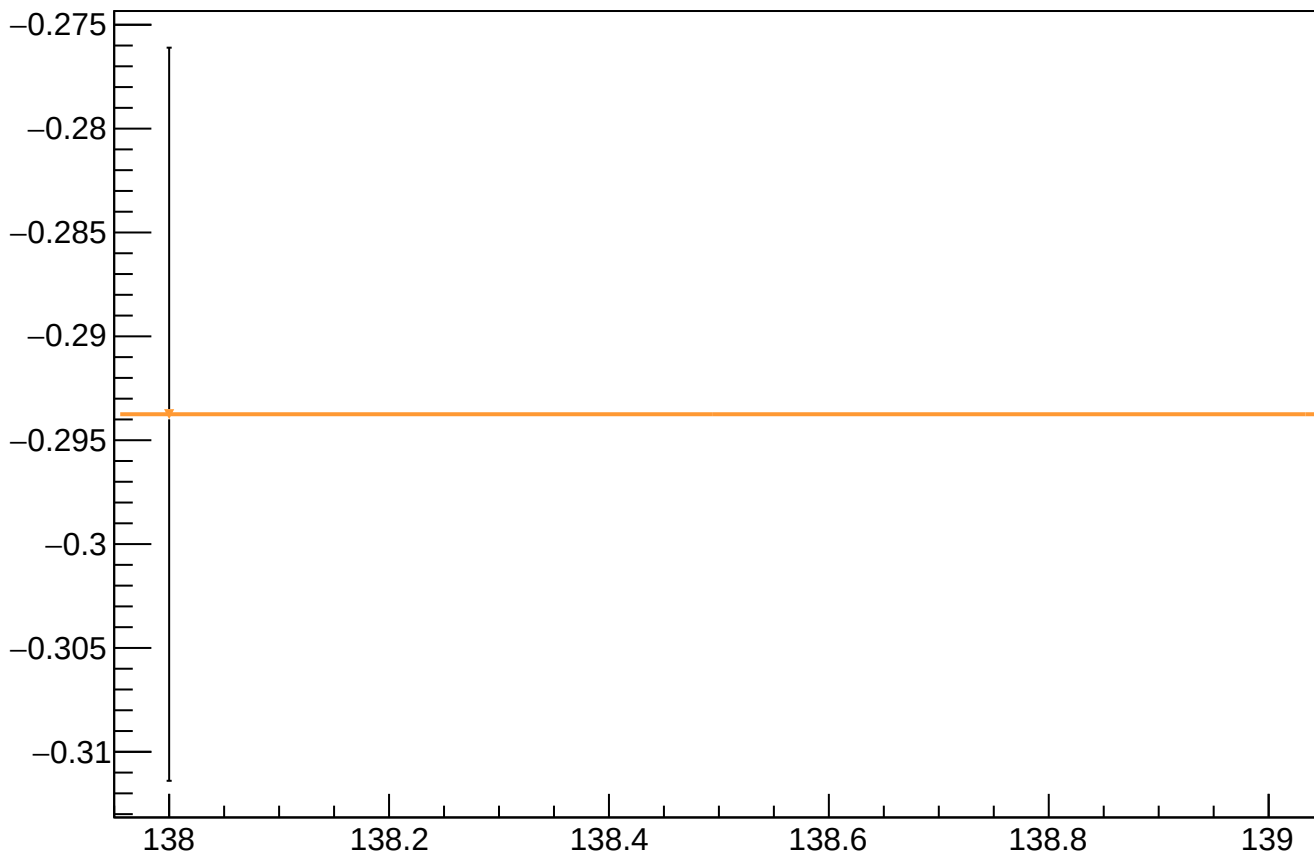
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 43.396+/-0.465 χ^2/NDF : 0.0/0

All: 43.396+/-0.465 χ^2/NDF : 0.0/0

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: -0.294+/-0.018 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: -0.294+/-0.018 χ^2/NDF : 0.0/0

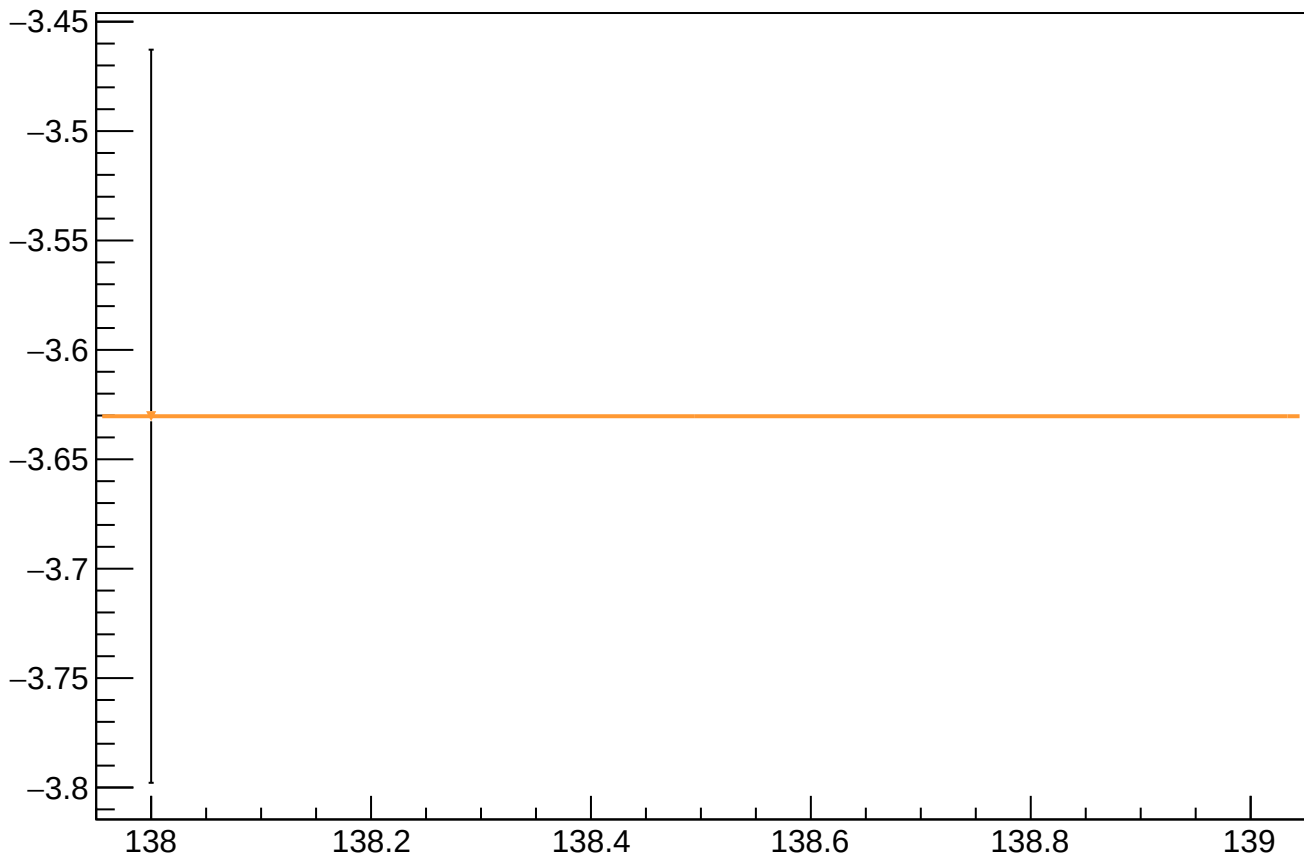
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -0.294+/-0.018 χ^2/NDF : 0.0/0

All: -0.294+/-0.018 χ^2/NDF : 0.0/0

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: -3.630+/-0.168 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: -3.630+/-0.168 χ^2/NDF : 0.0/0

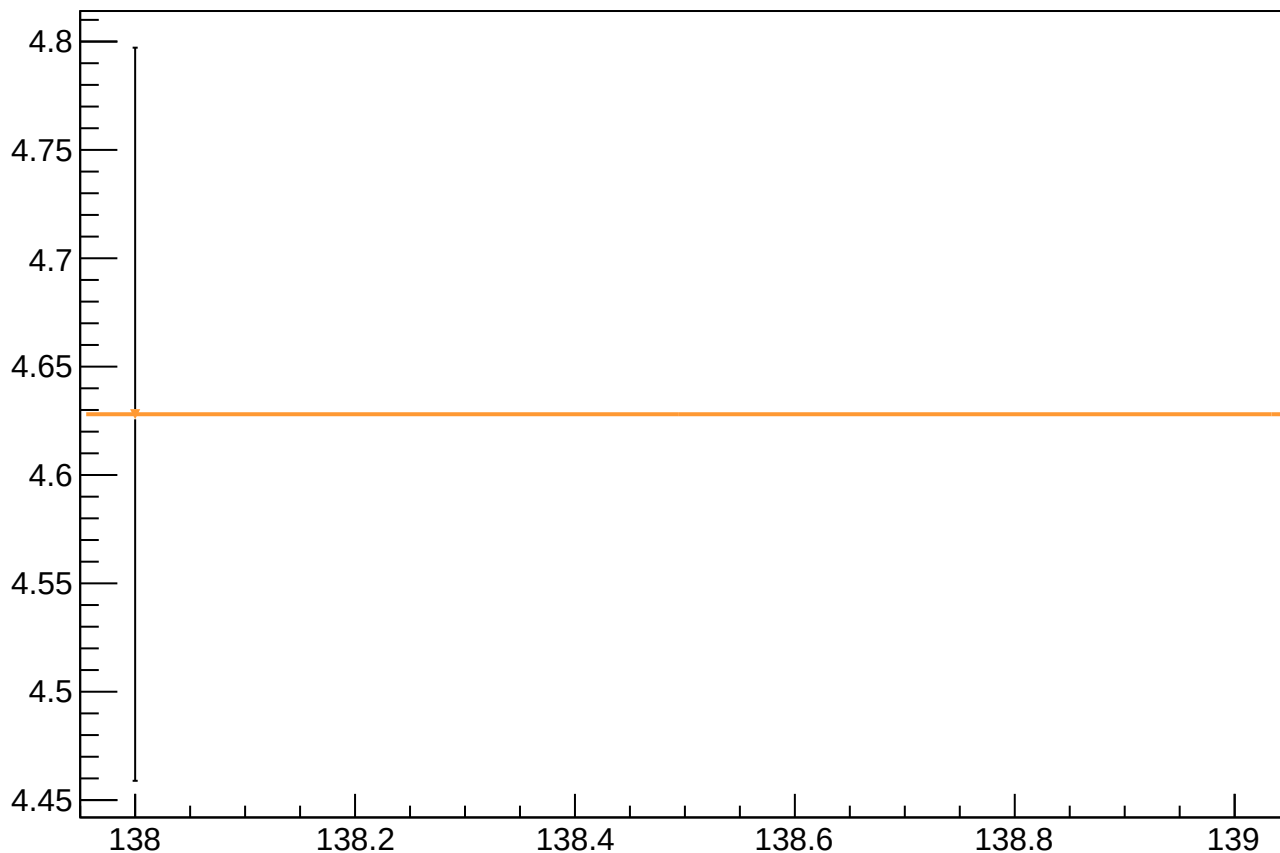
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -3.630+/-0.168 χ^2/NDF : 0.0/0

All: -3.630+/-0.168 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 4.628 $\pm$ 0.169 χ^2 /NDF: 0.0/0

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

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 4.628 $\pm$ 0.169 χ^2 /NDF: 0.0/0

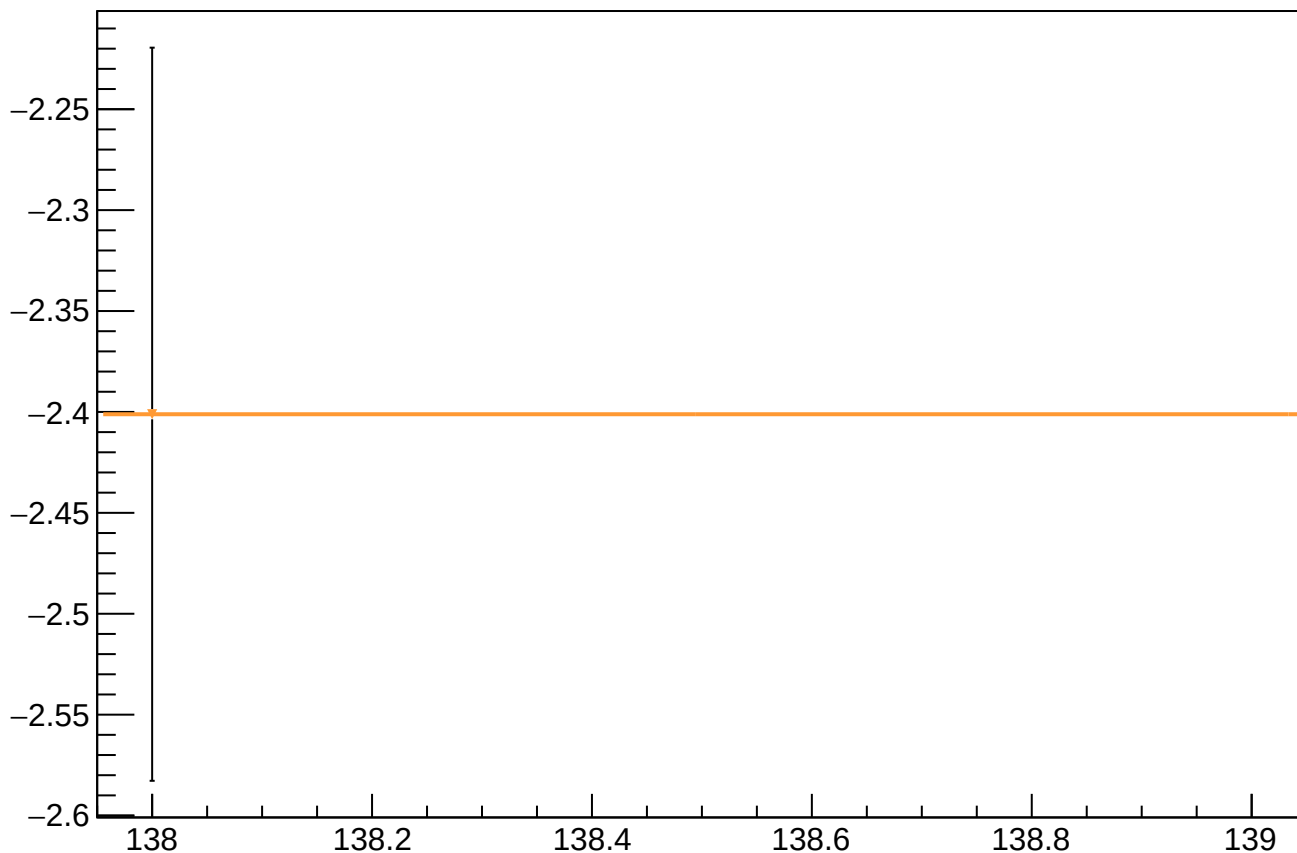
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 4.628 $\pm$ 0.169 χ^2 /NDF: 0.0/0

All: 4.628 $\pm$ 0.169 χ^2 /NDF: 0.0/0

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: -2.401+/-0.182 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: -2.401+/-0.182 χ^2/NDF : 0.0/0

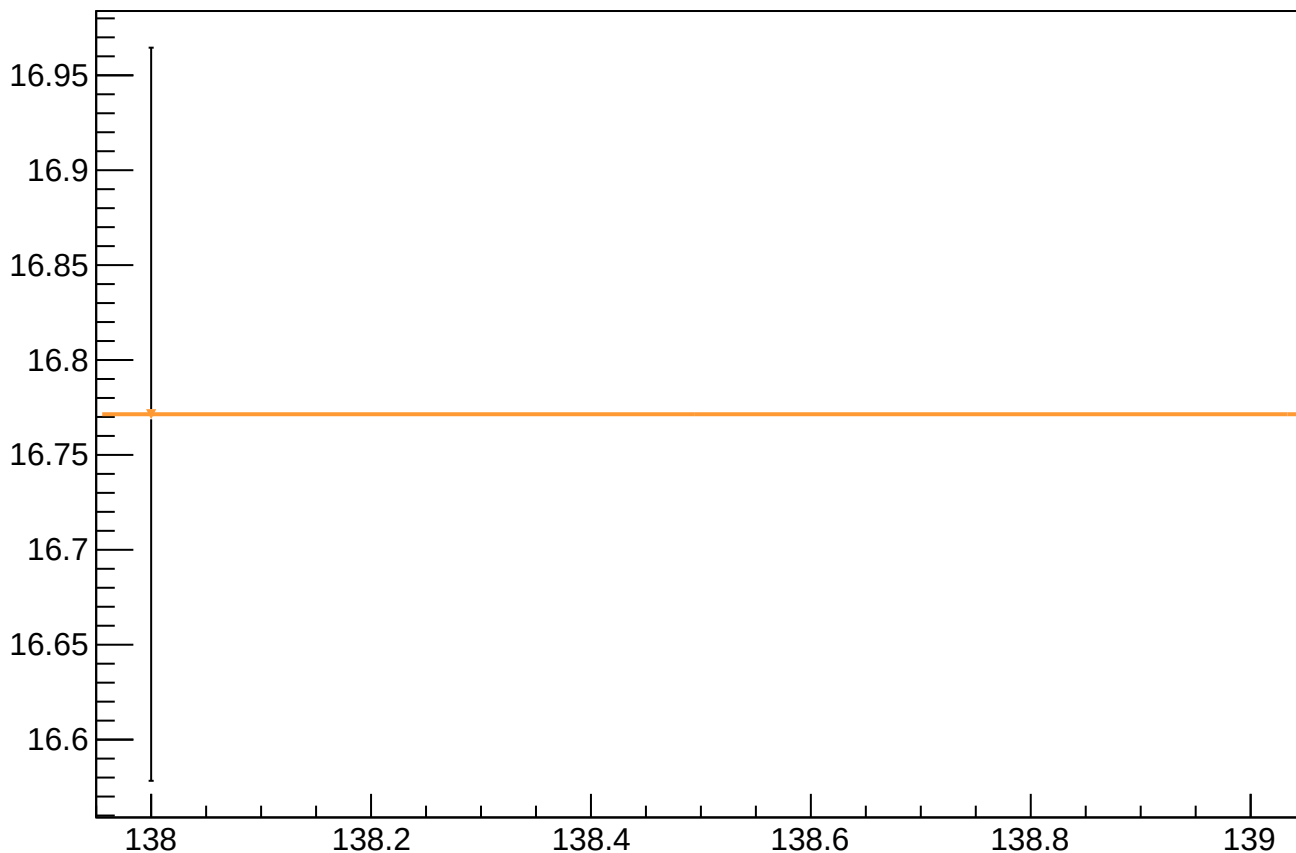
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -2.401+/-0.182 χ^2/NDF : 0.0/0

All: -2.401+/-0.182 χ^2/NDF : 0.0/0

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: 16.771+/-0.193 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: 16.771+/-0.193 χ^2/NDF : 0.0/0

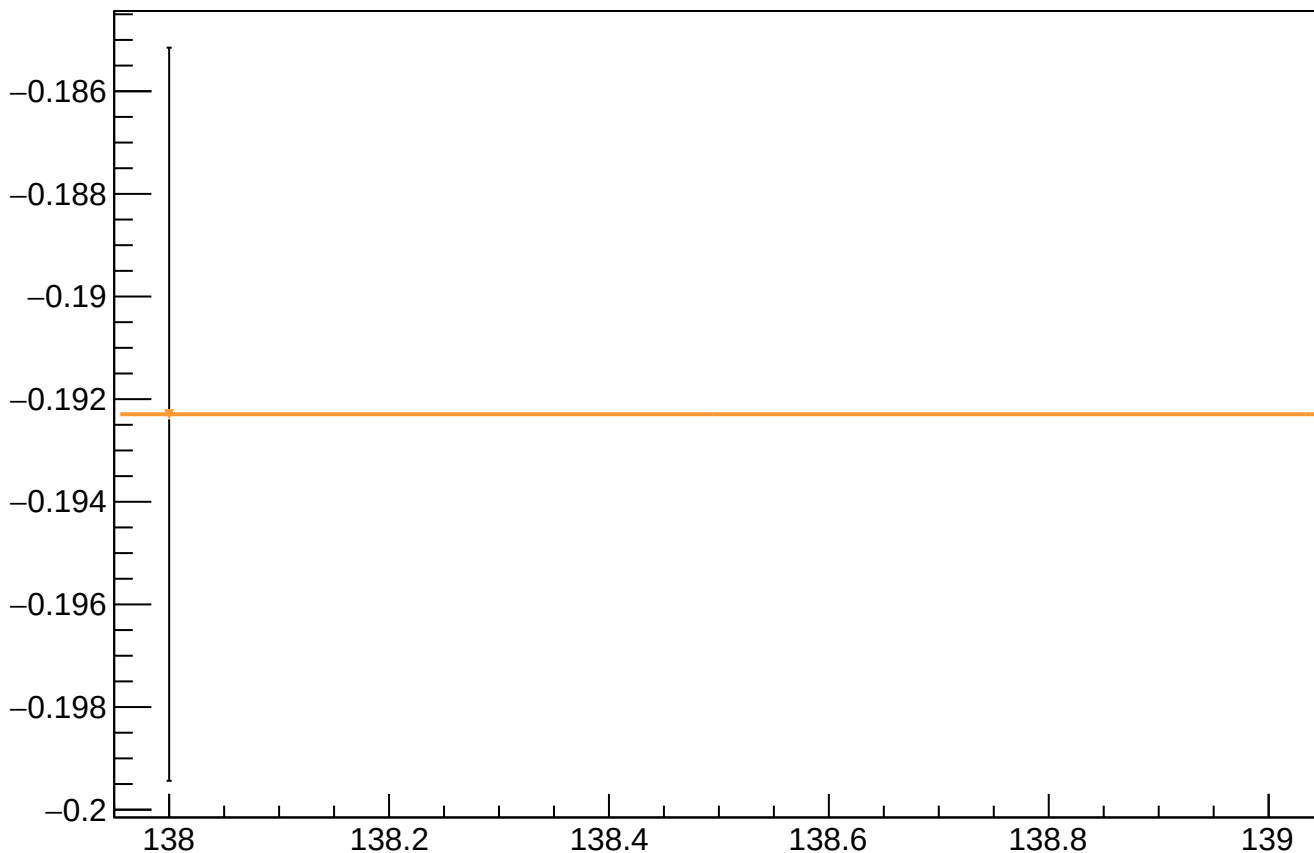
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 16.771+/-0.193 χ^2/NDF : 0.0/0

All: 16.771+/-0.193 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.192 $\pm$ 0.007 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: -0.192 $\pm$ 0.007 χ^2 /NDF: 0.0/0

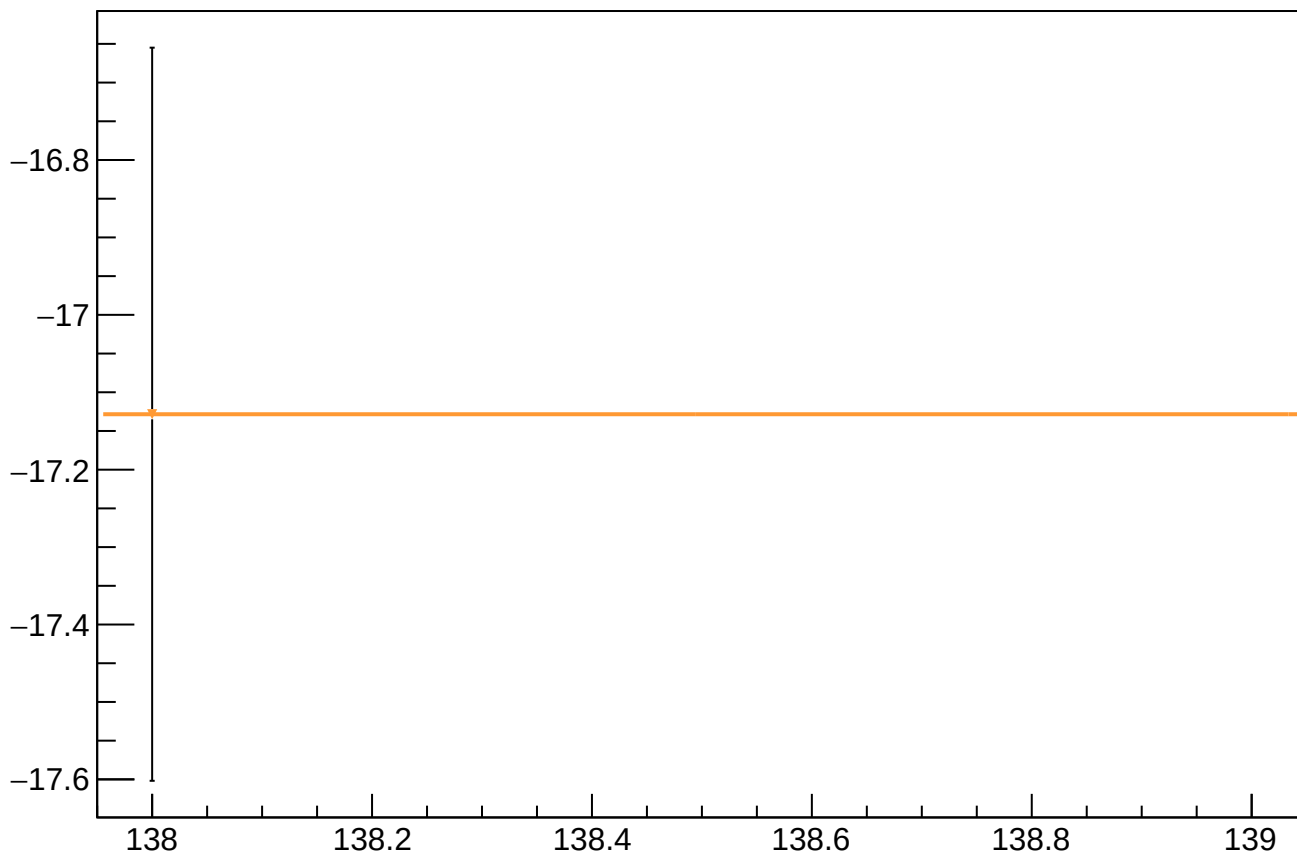
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: -0.192 $\pm$ 0.007 χ^2 /NDF: 0.0/0

All: -0.192 $\pm$ 0.007 χ^2 /NDF: 0.0/0

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: -17.128+/-0.473 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: -17.128+/-0.473 χ^2/NDF : 0.0/0

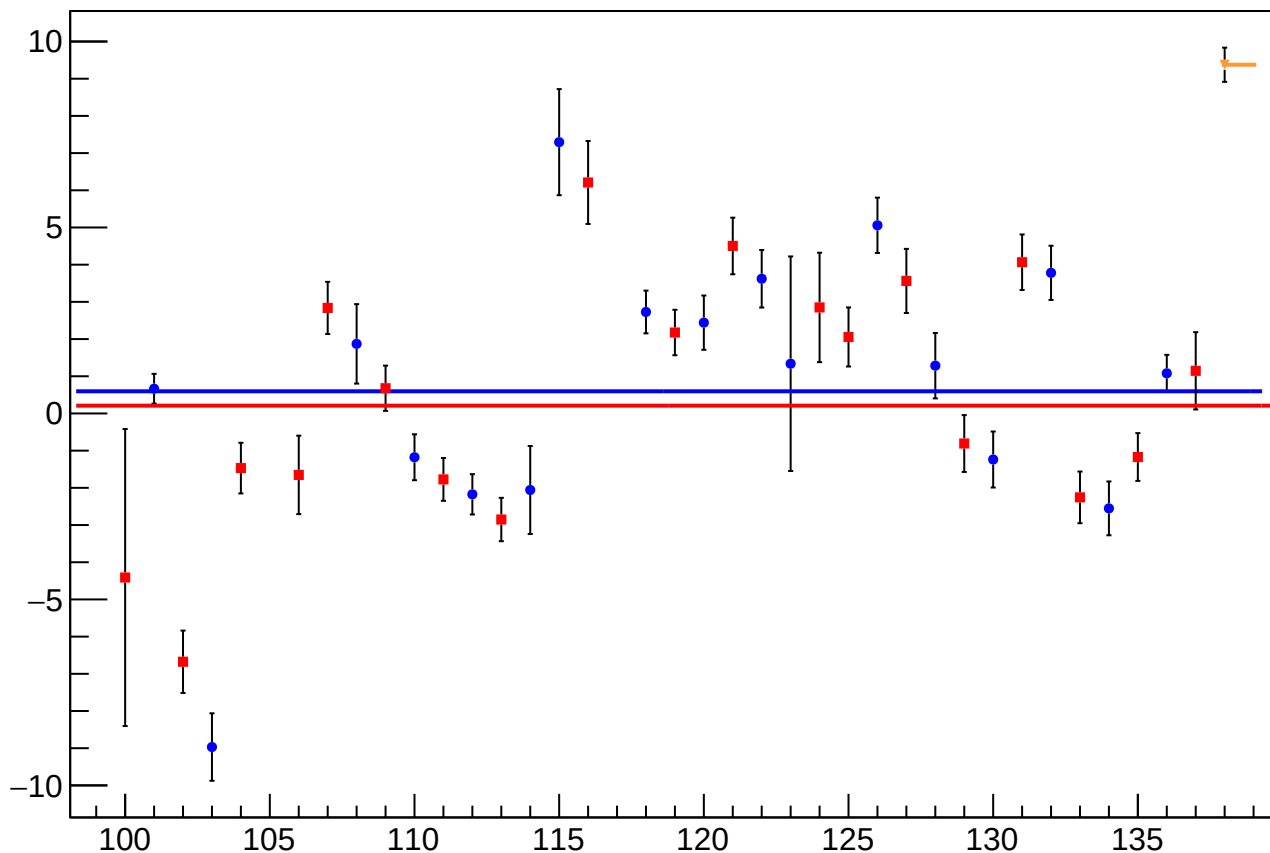
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -17.128+/-0.473 χ^2/NDF : 0.0/0

All: -17.128+/-0.473 χ^2/NDF : 0.0/0

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: 9.375 $\pm$ 0.459 χ^2 /NDF:0.0/0

Right Out: 0.209 $\pm$ 0.175 χ^2 /NDF: 273.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 9.375 $\pm$ 0.459 χ^2 /NDF: 0.0/0

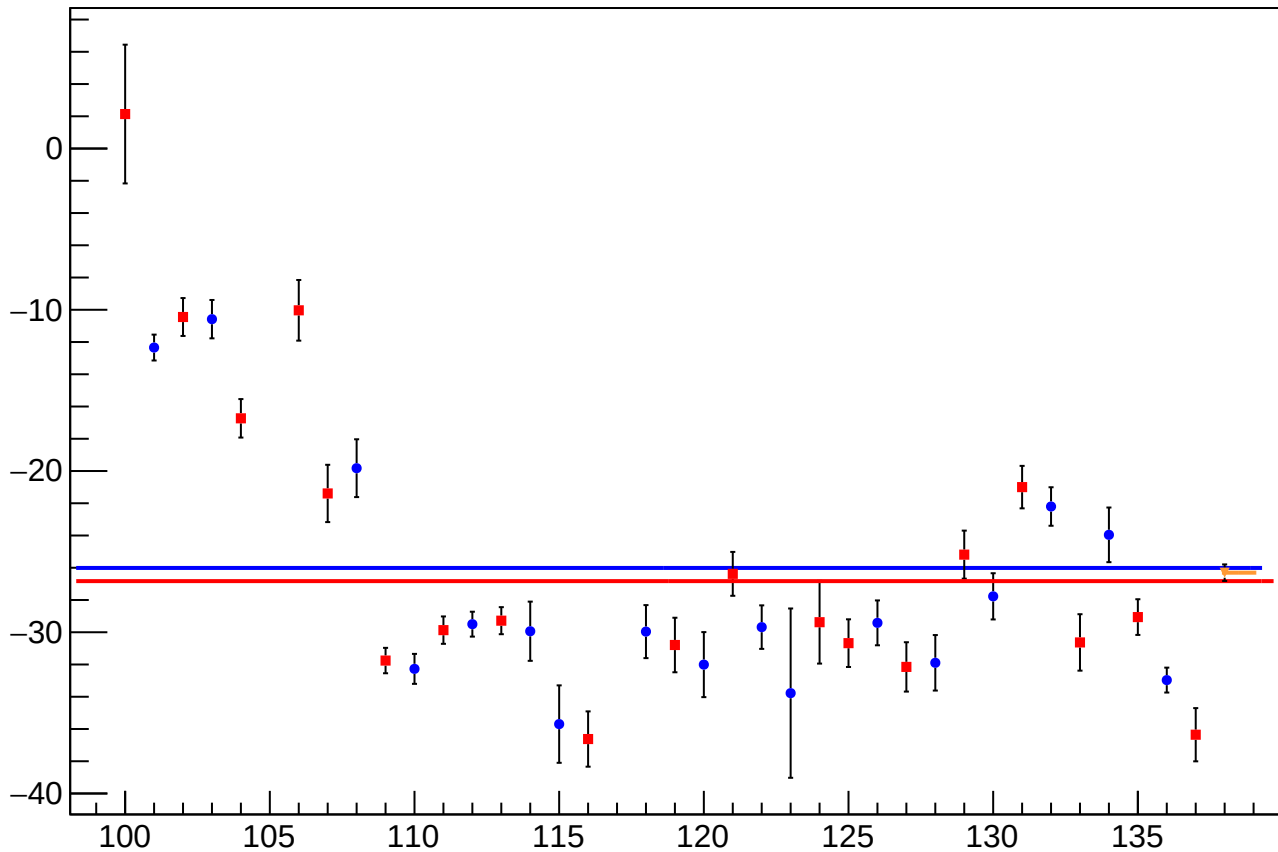
Right: 0.409 $\pm$ 0.121 χ^2 /NDF: 567.2/35

In: 0.596 $\pm$ 0.169 χ^2 /NDF:291.2/16

Out: 1.367 $\pm$ 0.163 χ^2 /NDF:621.2/19

All: 0.995 $\pm$ 0.117 χ^2 /NDF: 923.1/36

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: -26.306 ± 0.513 χ^2/NDF : 0.0/0

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -26.306 ± 0.513 χ^2/NDF : 0.0/0

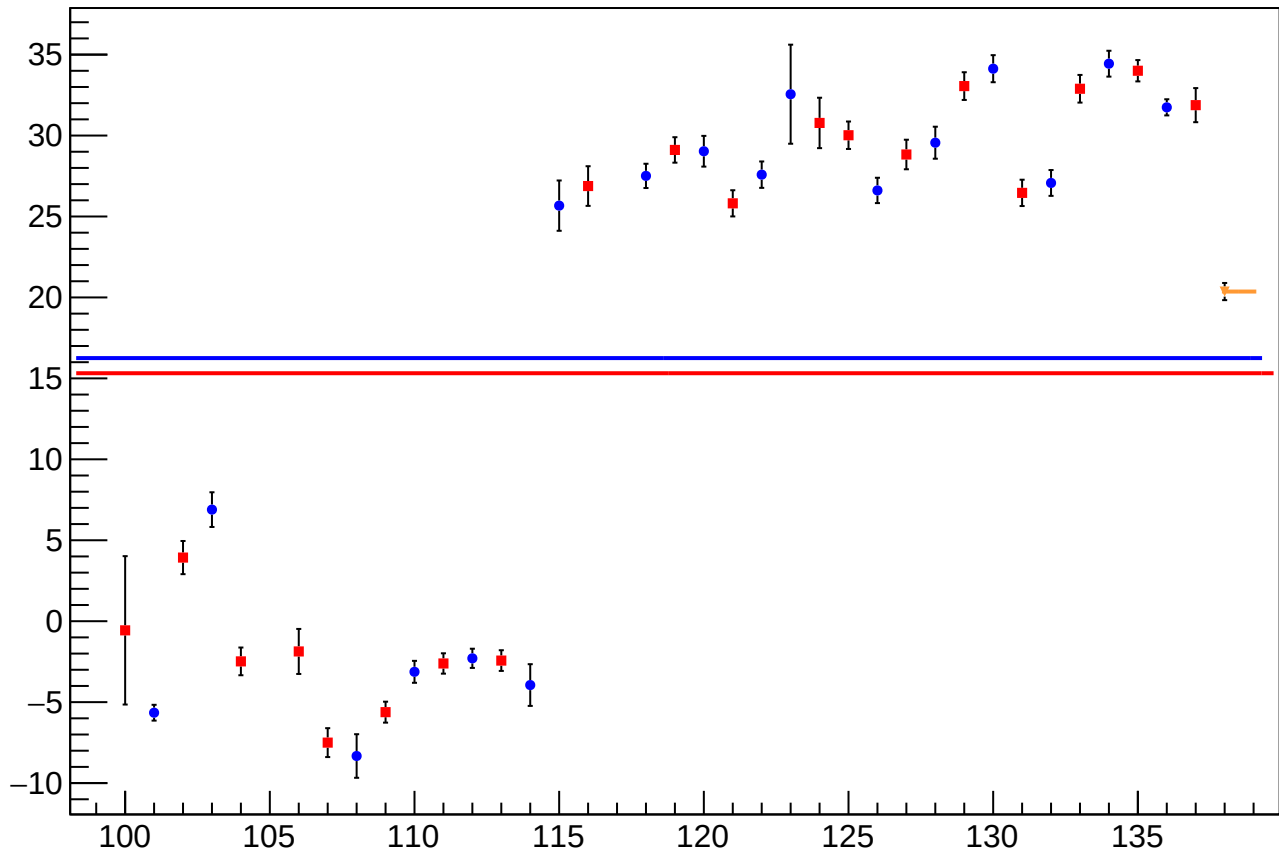
Right: -26.423 ± 0.211 χ^2/NDF : 1278.3/35

In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Out: -26.697 ± 0.257 χ^2/NDF : 582.4/19

All: -26.406 ± 0.195 χ^2/NDF : 1278.3/36

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF : 7611.3/16

Left Out: 20.364+/-0.530 χ^2/NDF :0.0/0

Right Out: 15.318+/-0.197 χ^2/NDF : 7280.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 20.364+/-0.530 χ^2/NDF : 0.0/0

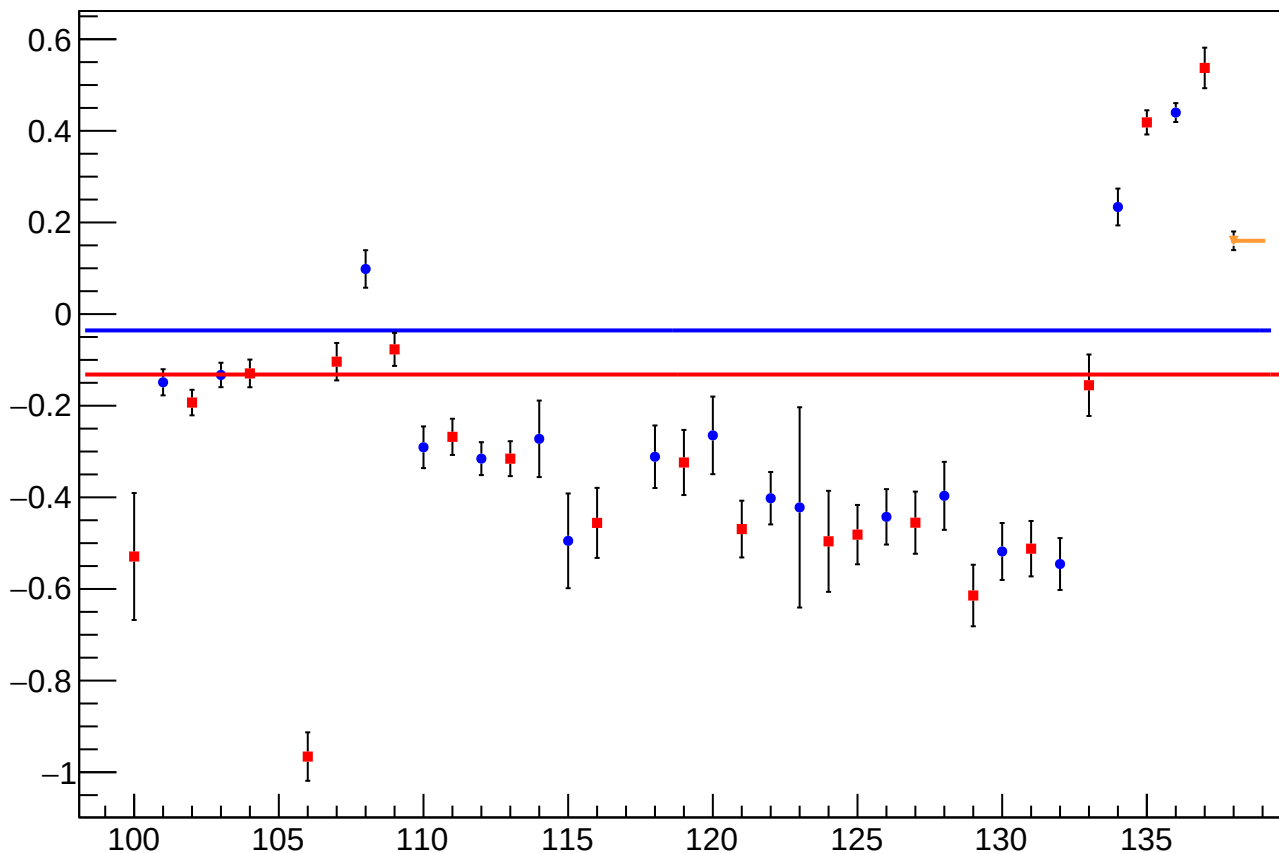
Right: 15.800+/-0.137 χ^2/NDF : 14903.0/35

In: 16.253+/-0.191 χ^2/NDF :7611.3/16

Out: 15.930+/-0.185 χ^2/NDF :7359.6/19

All: 16.086+/-0.133 χ^2/NDF : 14972.4/36

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: 0.160 ± 0.020 χ^2/NDF : 0.0/0

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.160 ± 0.020 χ^2/NDF : 0.0/0

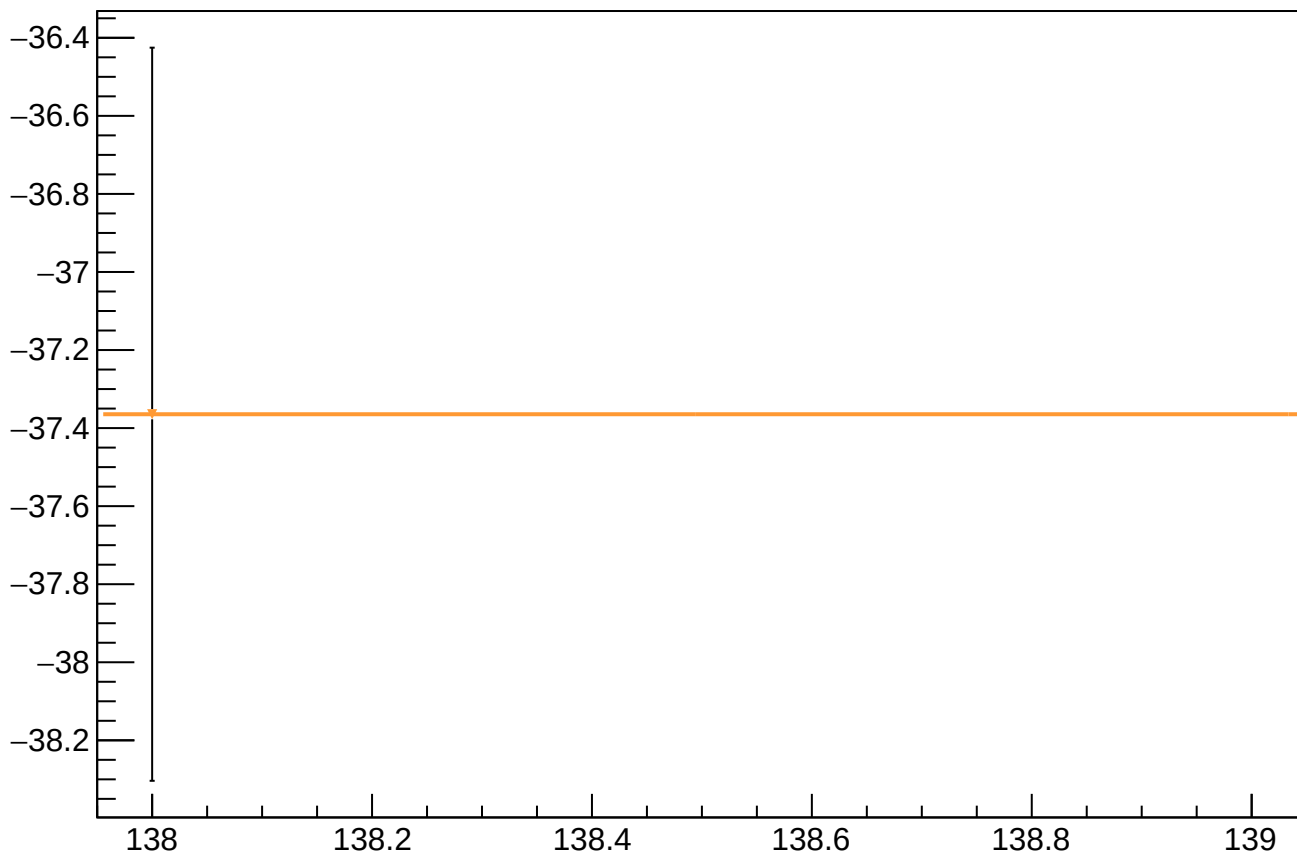
Right: -0.084 ± 0.007 χ^2/NDF : 2229.1/35

In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Out: -0.072 ± 0.009 χ^2/NDF : 1334.9/19

All: -0.056 ± 0.007 χ^2/NDF : 2356.1/36

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: -37.364+/-0.939 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: -37.364+/-0.939 χ^2/NDF : 0.0/0

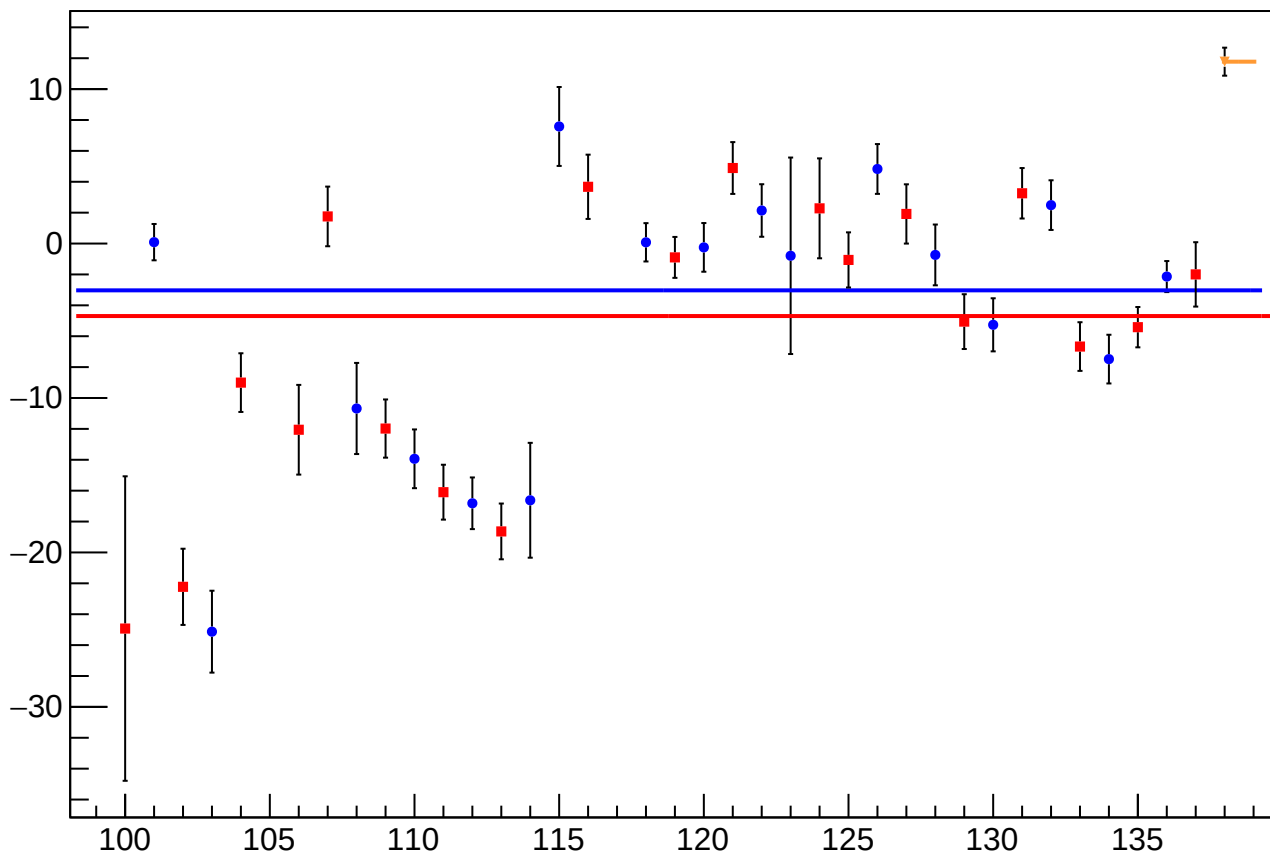
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -37.364+/-0.939 χ^2/NDF : 0.0/0

All: -37.364+/-0.939 χ^2/NDF : 0.0/0

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: 11.776 ± 0.907 χ^2/NDF : 0.0/0

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 11.776 ± 0.907 χ^2/NDF : 0.0/0

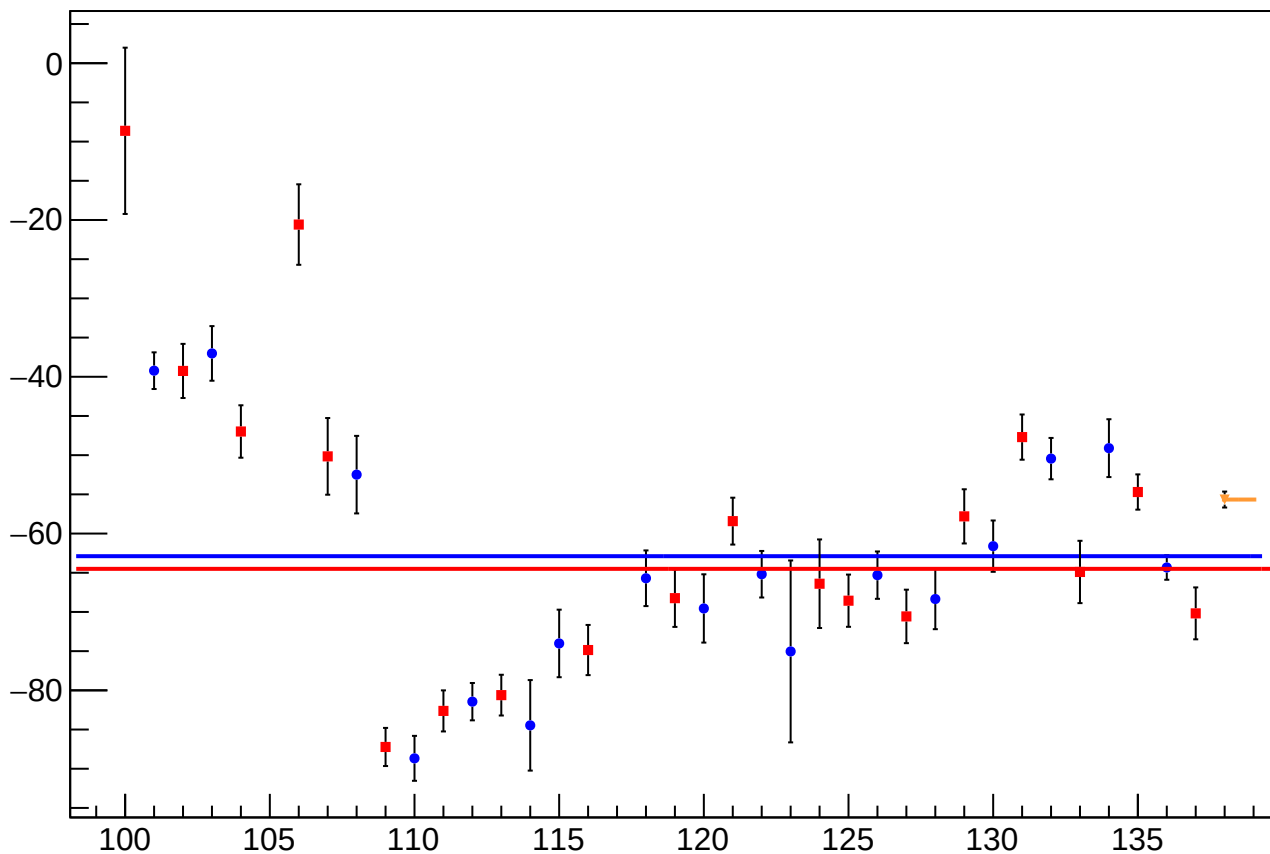
Right: -3.824 ± 0.295 χ^2/NDF : 587.0/35

In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Out: -1.708 ± 0.386 χ^2/NDF : 568.4/19

All: -2.333 ± 0.280 χ^2/NDF : 854.8/36

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: -55.661 ± 1.018 χ^2/NDF : 0.0/0

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -55.661 ± 1.018 χ^2/NDF : 0.0/0

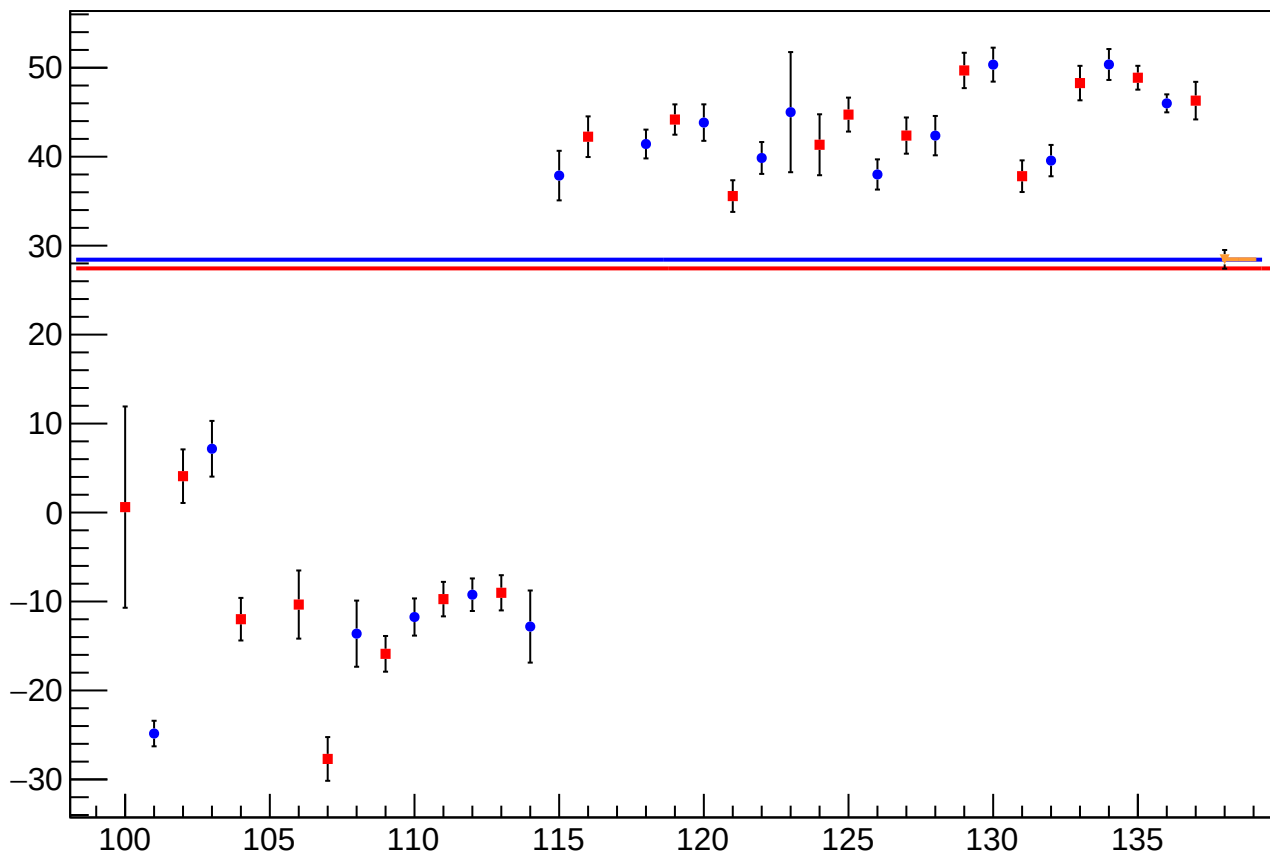
Right: -63.680 ± 0.526 χ^2/NDF : 815.2/35

In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Out: -61.384 ± 0.604 χ^2/NDF : 492.9/19

All: -61.988 ± 0.468 χ^2/NDF : 864.1/36

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425+/-0.457 χ^2/NDF : 3330.3/16

Left Out: 28.463+/-1.048 χ^2/NDF : 0.0/0

Right Out: 27.441+/-0.479 χ^2/NDF : 3033.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 28.463+/-1.048 χ^2/NDF : 0.0/0

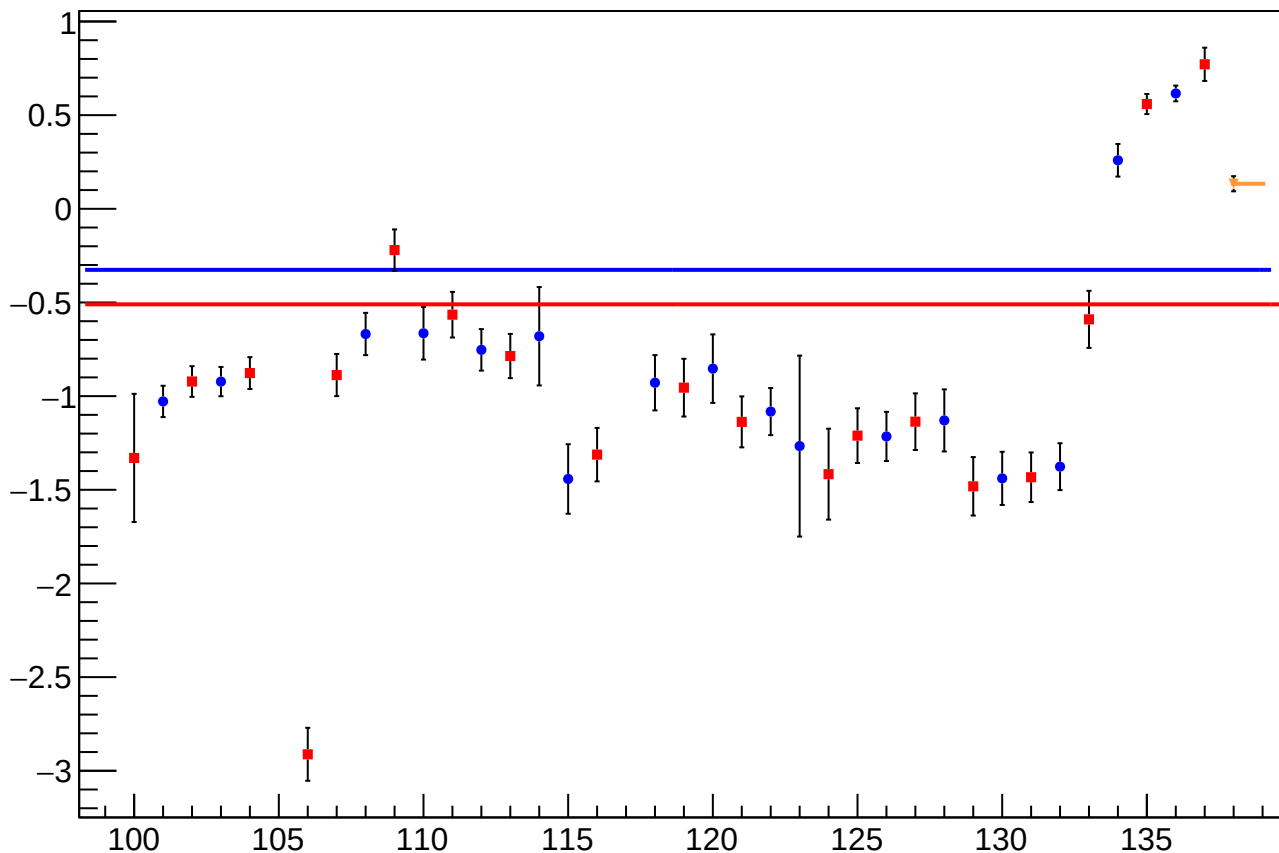
Right: 27.956+/-0.331 χ^2/NDF : 6365.5/35

In: 28.425+/-0.457 χ^2/NDF : 3330.3/16

Out: 27.618+/-0.435 χ^2/NDF : 3033.8/19

All: 28.002+/-0.315 χ^2/NDF : 6365.7/36

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: 0.134 ± 0.040 χ^2/NDF : 0.0/0

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.134 ± 0.040 χ^2/NDF : 0.0/0

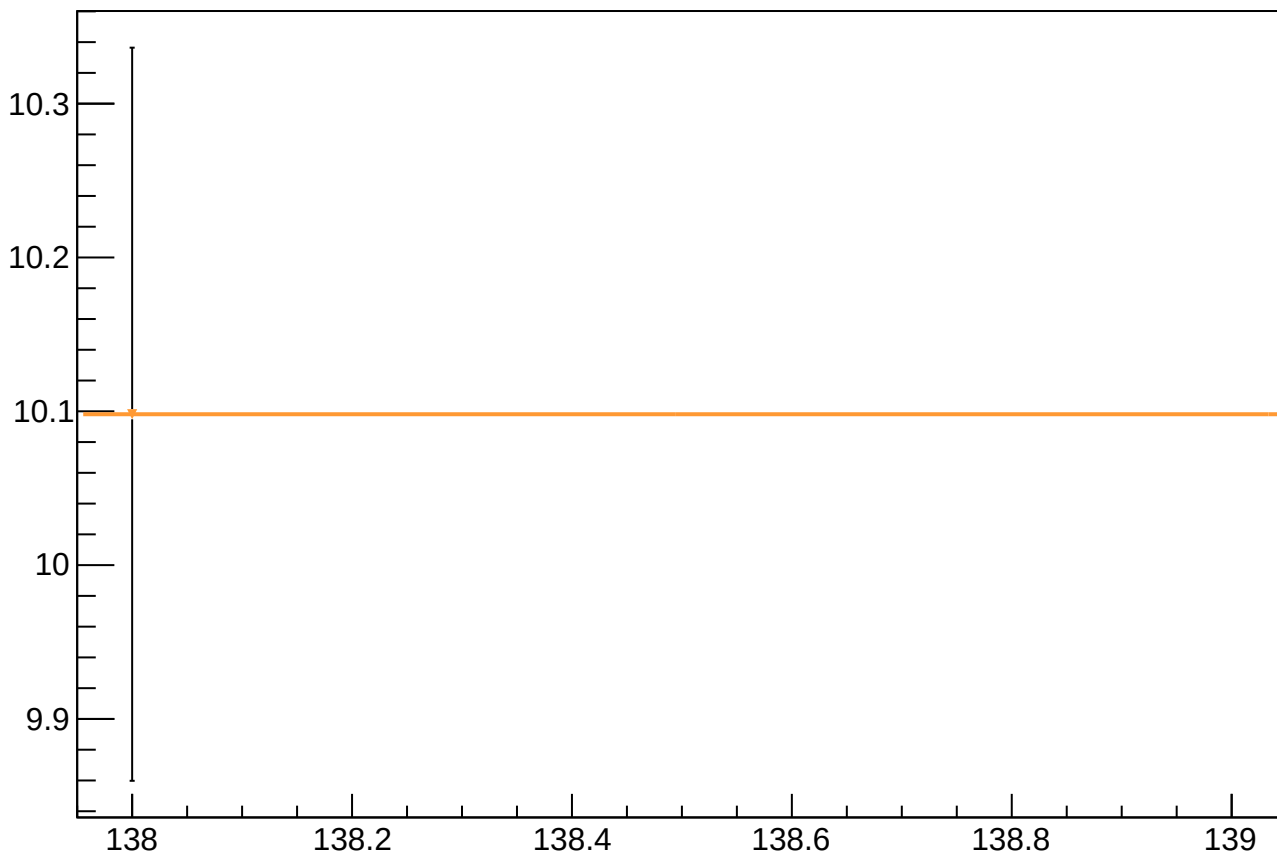
Right: -0.415 ± 0.018 χ^2/NDF : 2208.8/35

In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Out: -0.325 ± 0.022 χ^2/NDF : 1349.9/19

All: -0.325 ± 0.016 χ^2/NDF : 2362.9/36

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.098+/-0.238 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: 10.098+/-0.238 χ^2/NDF : 0.0/0

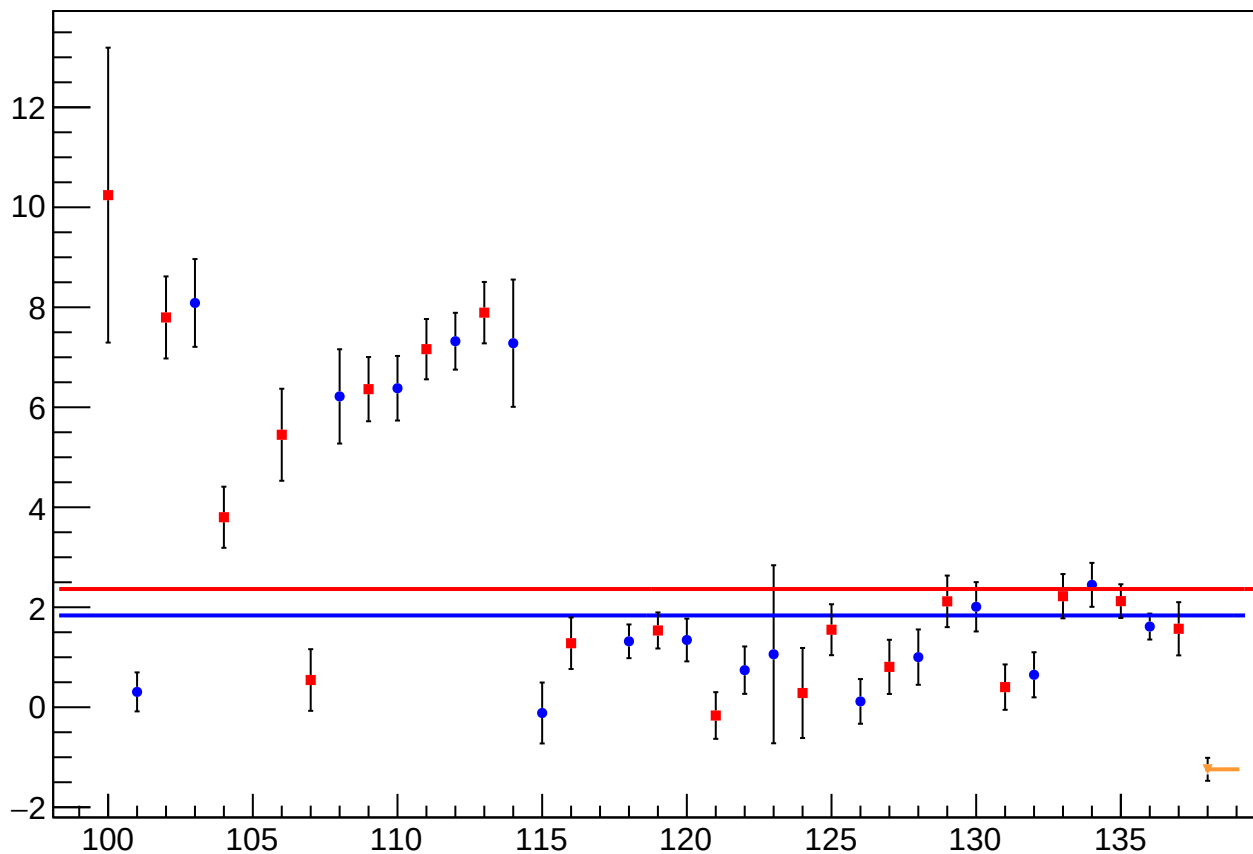
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 10.098+/-0.238 χ^2/NDF : 0.0/0

All: 10.098+/-0.238 χ^2/NDF : 0.0/0

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: -1.241+/-0.230 χ^2/NDF : 0.0/0

Right Out: 2.365+/-0.123 χ^2/NDF : 336.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -1.241+/-0.230 χ^2/NDF : 0.0/0

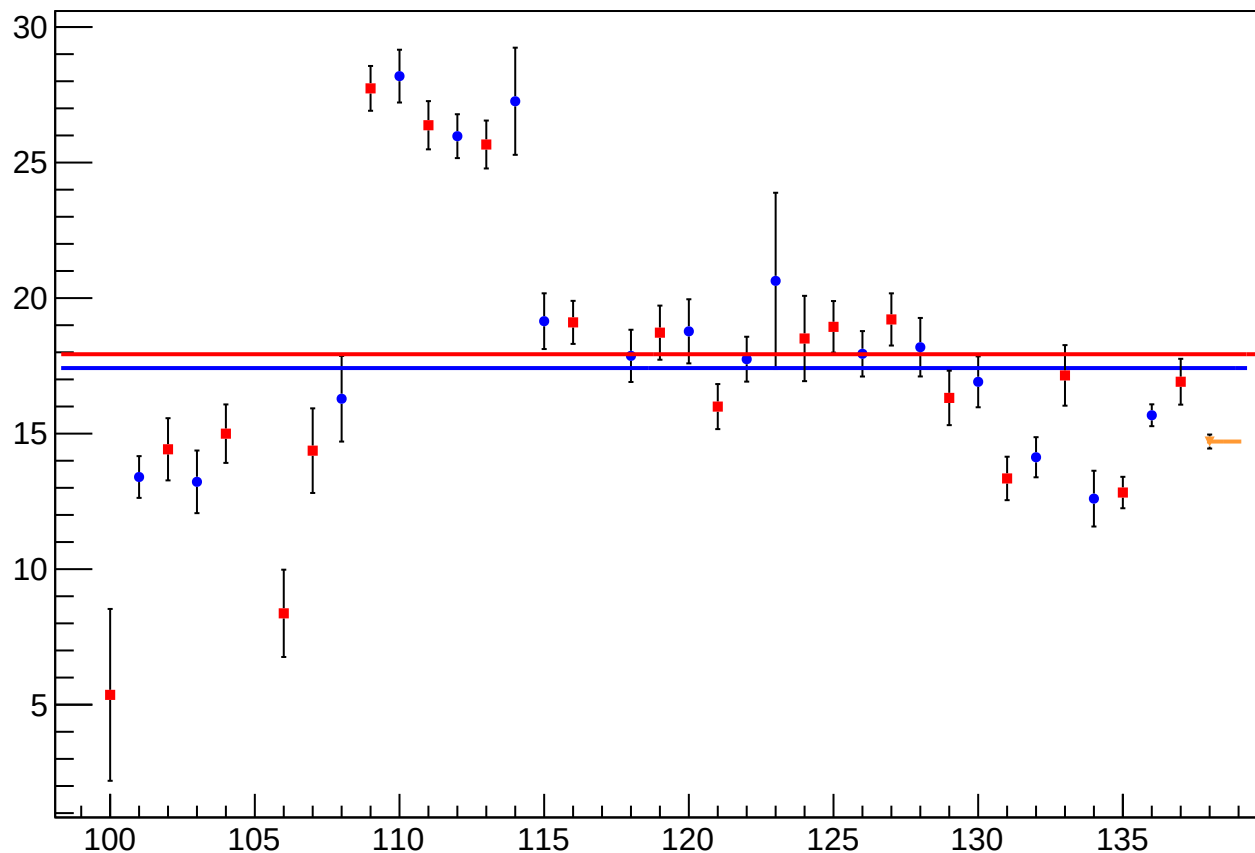
Right: 2.086+/-0.084 χ^2/NDF : 641.1/35

In: 1.836+/-0.116 χ^2/NDF : 294.9/16

Out: 1.565+/-0.108 χ^2/NDF : 528.2/19

All: 1.691+/-0.079 χ^2/NDF : 826.0/36

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: 14.708 $\pm$ 0.258 χ^2 /NDF:0.0/0

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 14.708 $\pm$ 0.258 χ^2 /NDF: 0.0/0

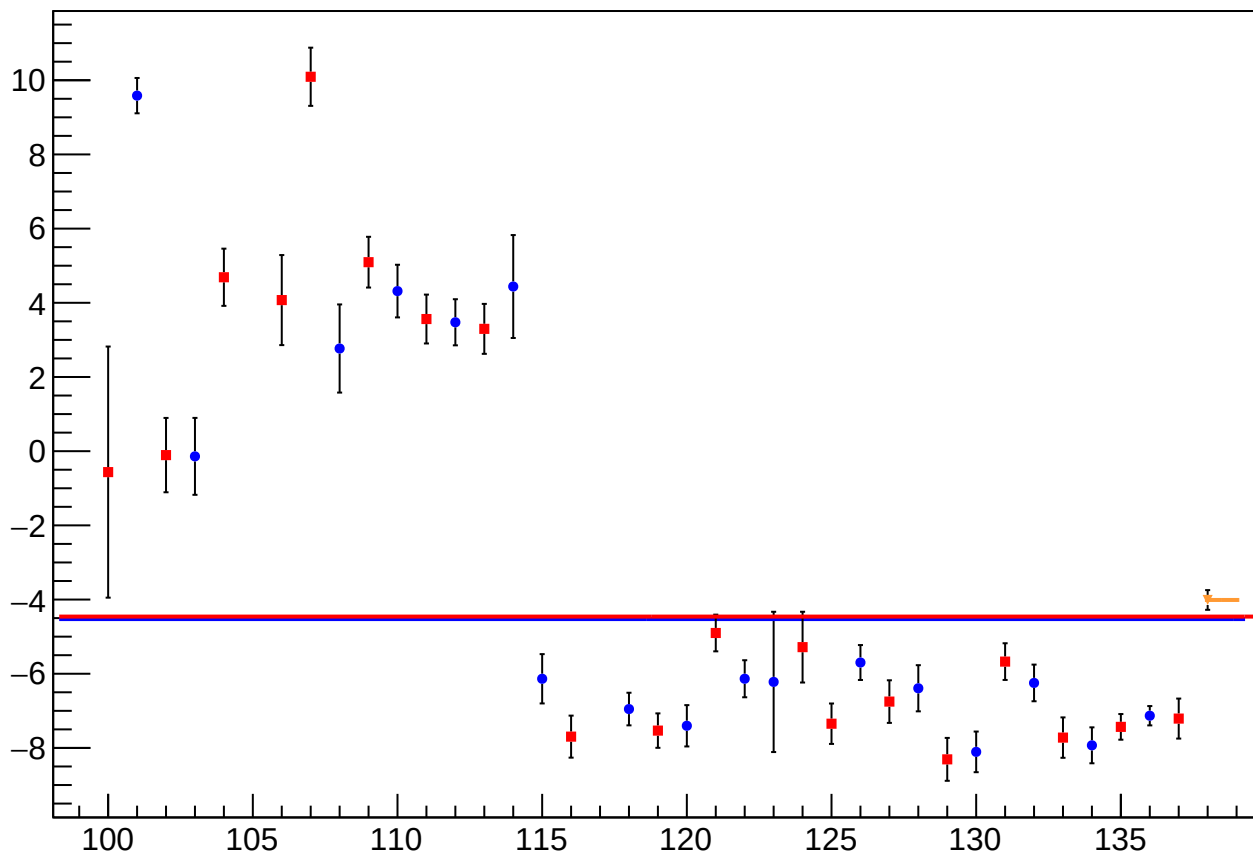
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 17.418 $\pm$ 0.212 χ^2 /NDF:366.8/16

Out: 16.582 $\pm$ 0.167 χ^2 /NDF:596.9/19

All: 16.903 $\pm$ 0.131 χ^2 /NDF: 973.3/36

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526 ± 0.130 $\chi^2/\text{NDF}: 1590.2/16$

Left Out: -4.011 ± 0.266 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.459 ± 0.137 $\chi^2/\text{NDF}: 1338.9/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: -4.011 ± 0.266 $\chi^2/\text{NDF}: 0.0/0$

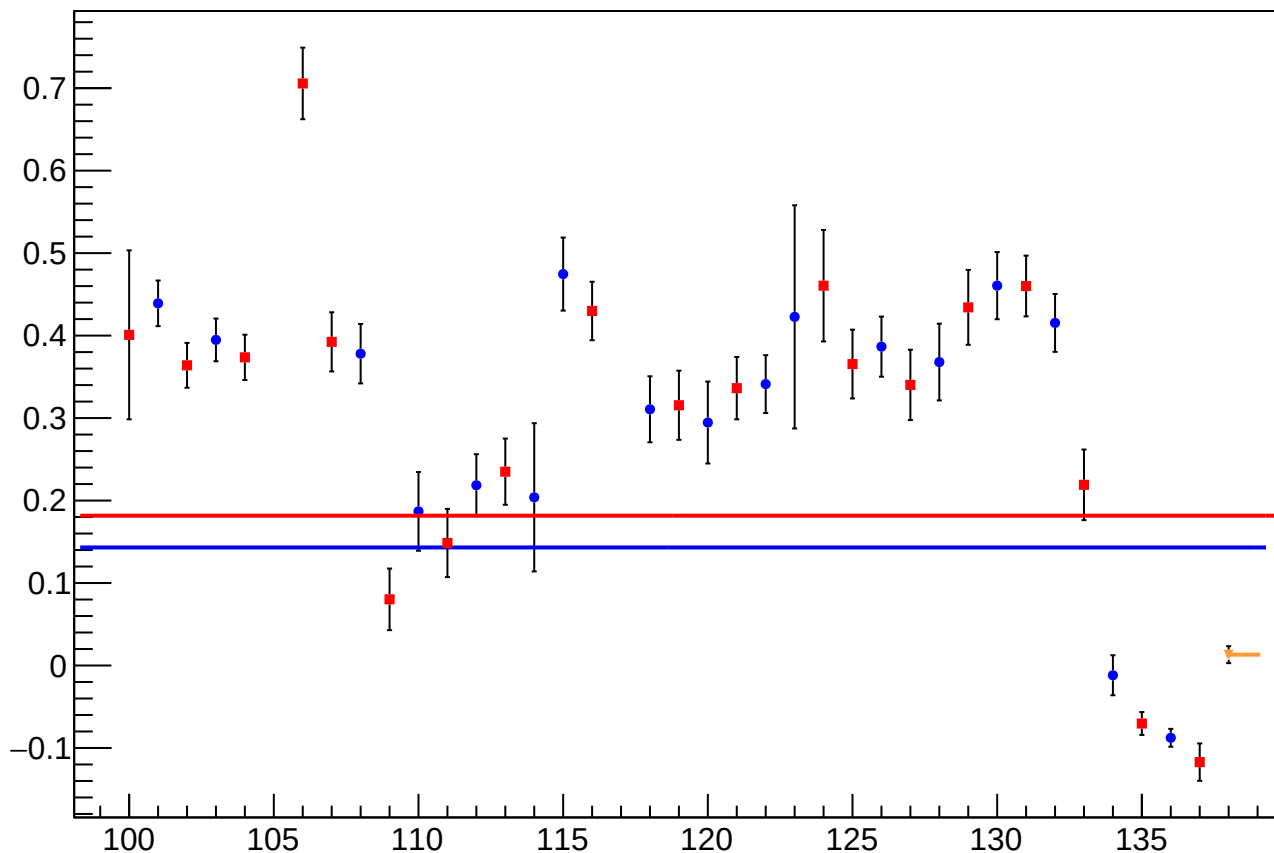
Right: -4.494 ± 0.094 $\chi^2/\text{NDF}: 2929.2/35$

In: -4.526 ± 0.130 $\chi^2/\text{NDF}: 1590.2/16$

Out: -4.365 ± 0.122 $\chi^2/\text{NDF}: 1341.1/19$

All: -4.441 ± 0.089 $\chi^2/\text{NDF}: 2932.1/36$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143+/-0.007 χ^2/NDF : 1060.4/16

Left Out: 0.013+/-0.010 χ^2/NDF : 0.0/0

Right Out: 0.182+/-0.007 χ^2/NDF : 1007.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.013+/-0.010 χ^2/NDF : 0.0/0

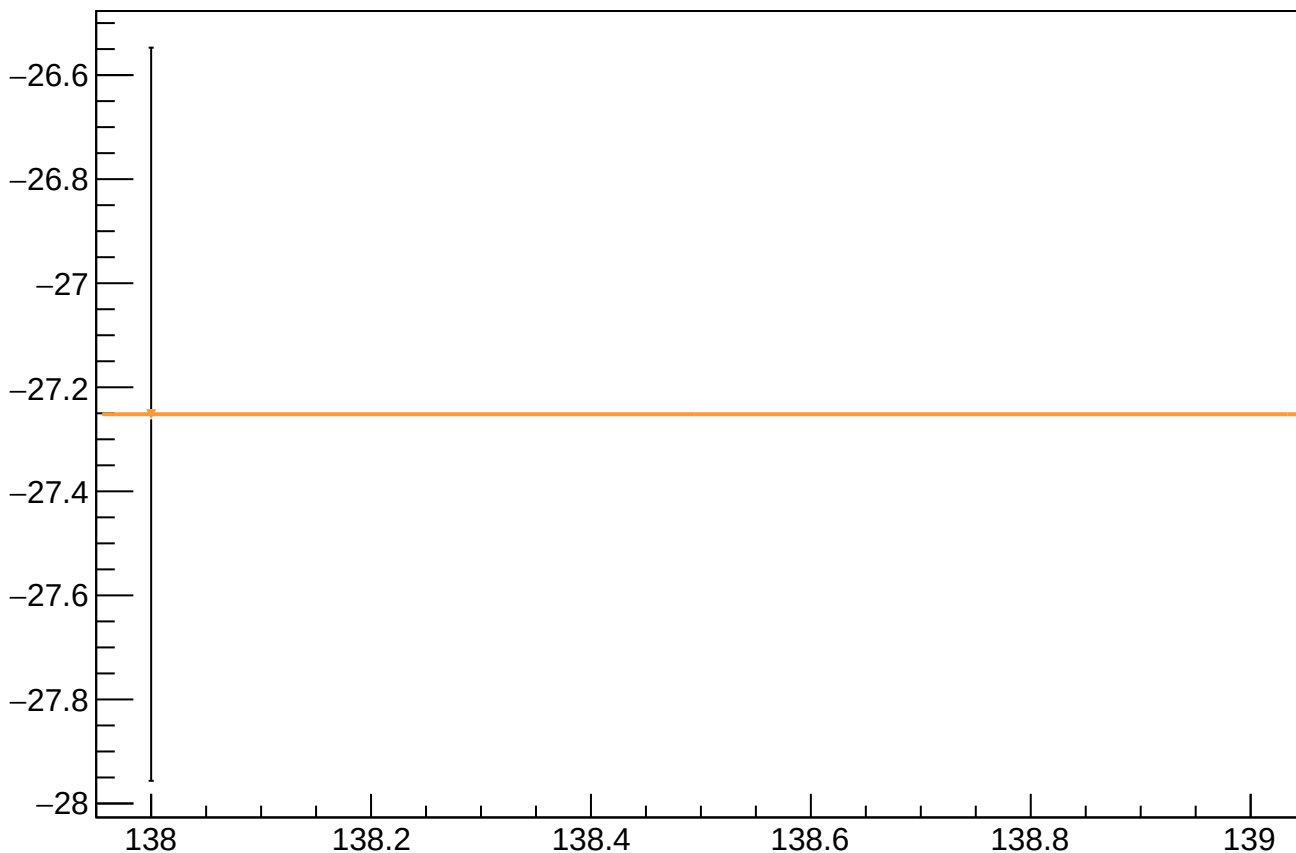
Right: 0.161+/-0.005 χ^2/NDF : 2082.4/35

In: 0.143+/-0.007 χ^2/NDF : 1060.4/16

Out: 0.124+/-0.006 χ^2/NDF : 1185.2/19

All: 0.132+/-0.005 χ^2/NDF : 2249.7/36

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: -27.252 ± 0.705 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: -27.252 ± 0.705 χ^2/NDF : 0.0/0

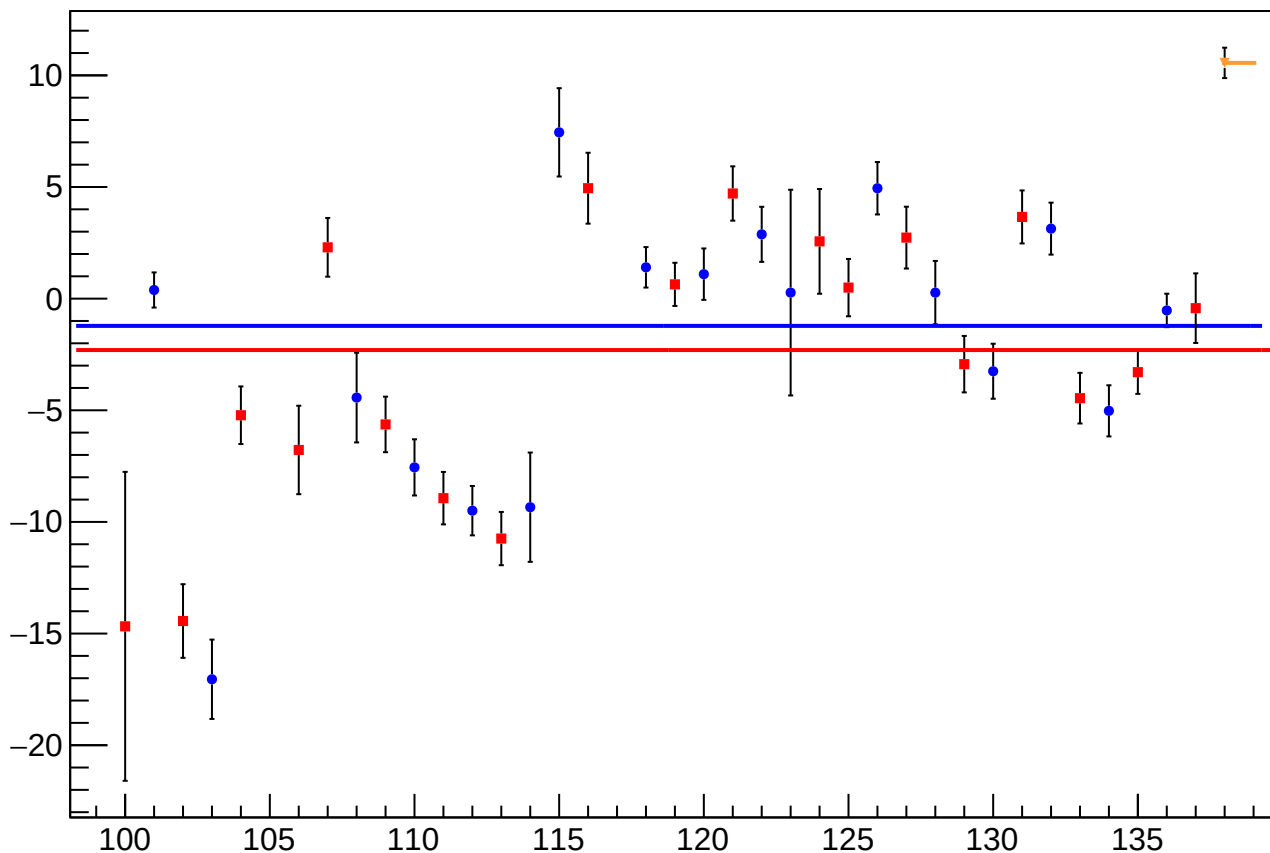
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Out: -27.252 ± 0.705 χ^2/NDF : 0.0/0

All: -27.252 ± 0.705 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 $\pm$ 0.290 χ^2 /NDF: 278.6/16

Left Out: 10.559 $\pm$ 0.681 χ^2 /NDF:0.0/0

Right Out: -2.302 $\pm$ 0.302 χ^2 /NDF: 286.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 10.559 $\pm$ 0.681 χ^2 /NDF: 0.0/0

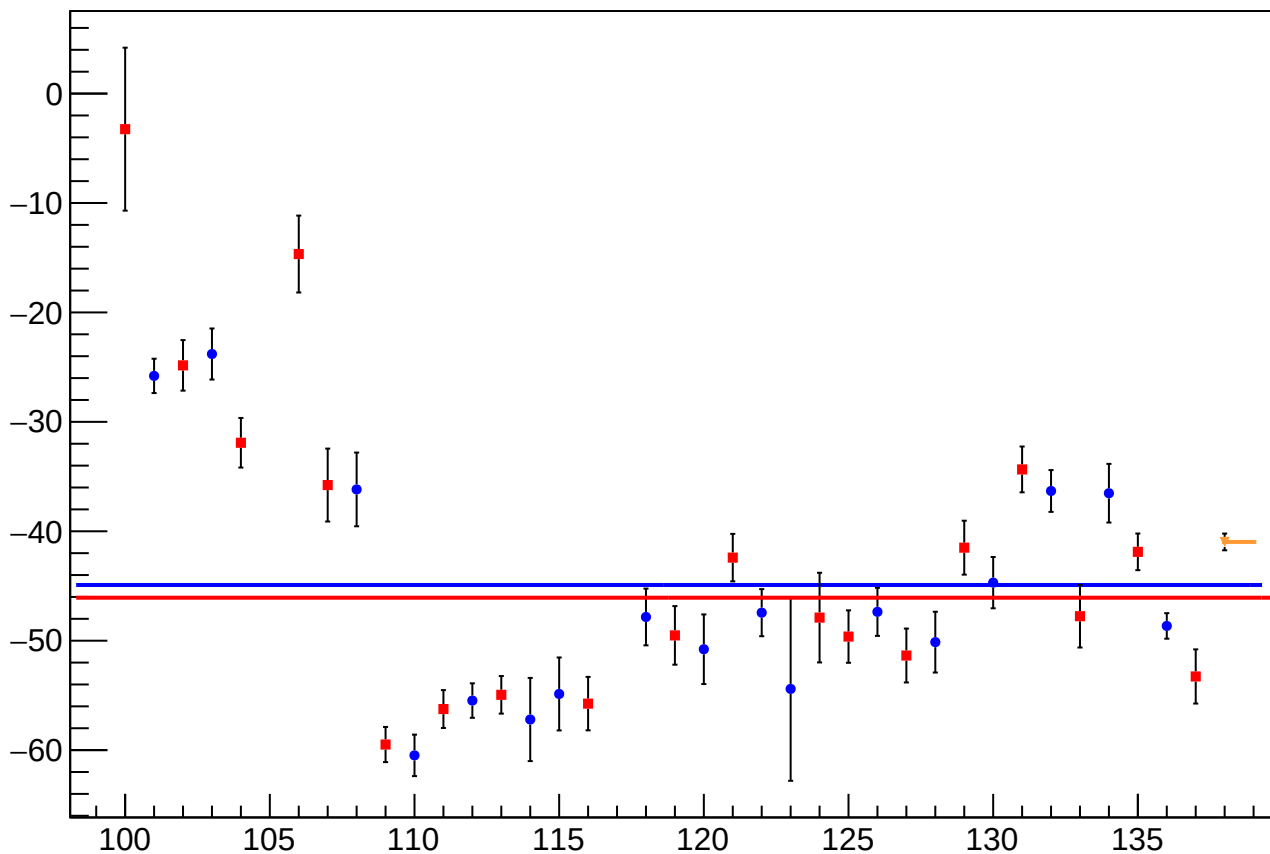
Right: -1.738 $\pm$ 0.209 χ^2 /NDF: 571.5/35

In: -1.220 $\pm$ 0.290 χ^2 /NDF:278.6/16

Out: -0.184 $\pm$ 0.276 χ^2 /NDF:584.1/19

All: -0.677 $\pm$ 0.200 χ^2 /NDF: 869.4/36

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -40.974 ± 0.763 χ^2/NDF : 0.0/0

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -40.974 ± 0.763 χ^2/NDF : 0.0/0

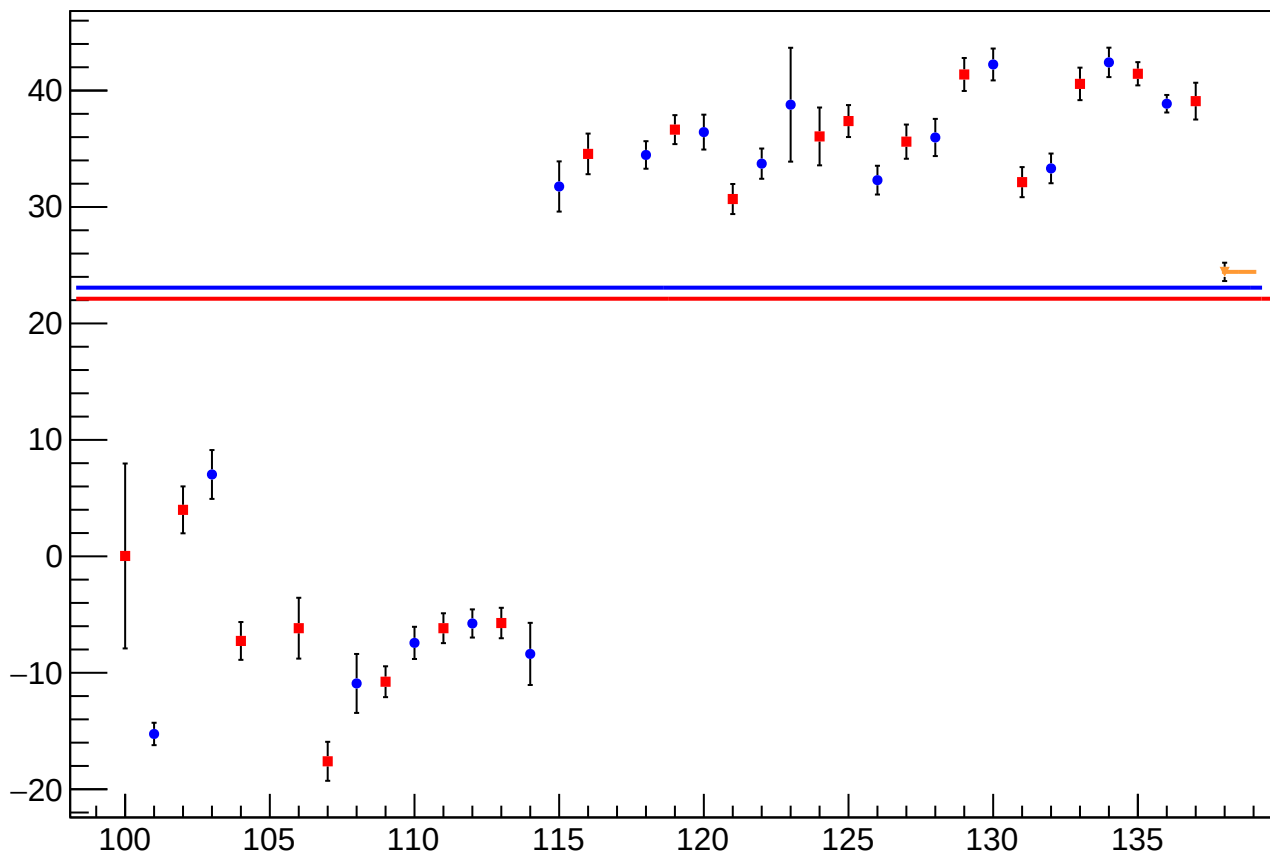
Right: -45.483 ± 0.371 χ^2/NDF : 877.6/35

In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Out: -44.421 ± 0.434 χ^2/NDF : 484.1/19

All: -44.620 ± 0.334 χ^2/NDF : 905.8/36

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073+/-0.326 χ^2/NDF : 4346.0/16

Left Out: 24.429+/-0.787 χ^2/NDF :0.0/0

Right Out: 22.122+/-0.340 χ^2/NDF : 4034.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 24.429+/-0.787 χ^2/NDF : 0.0/0

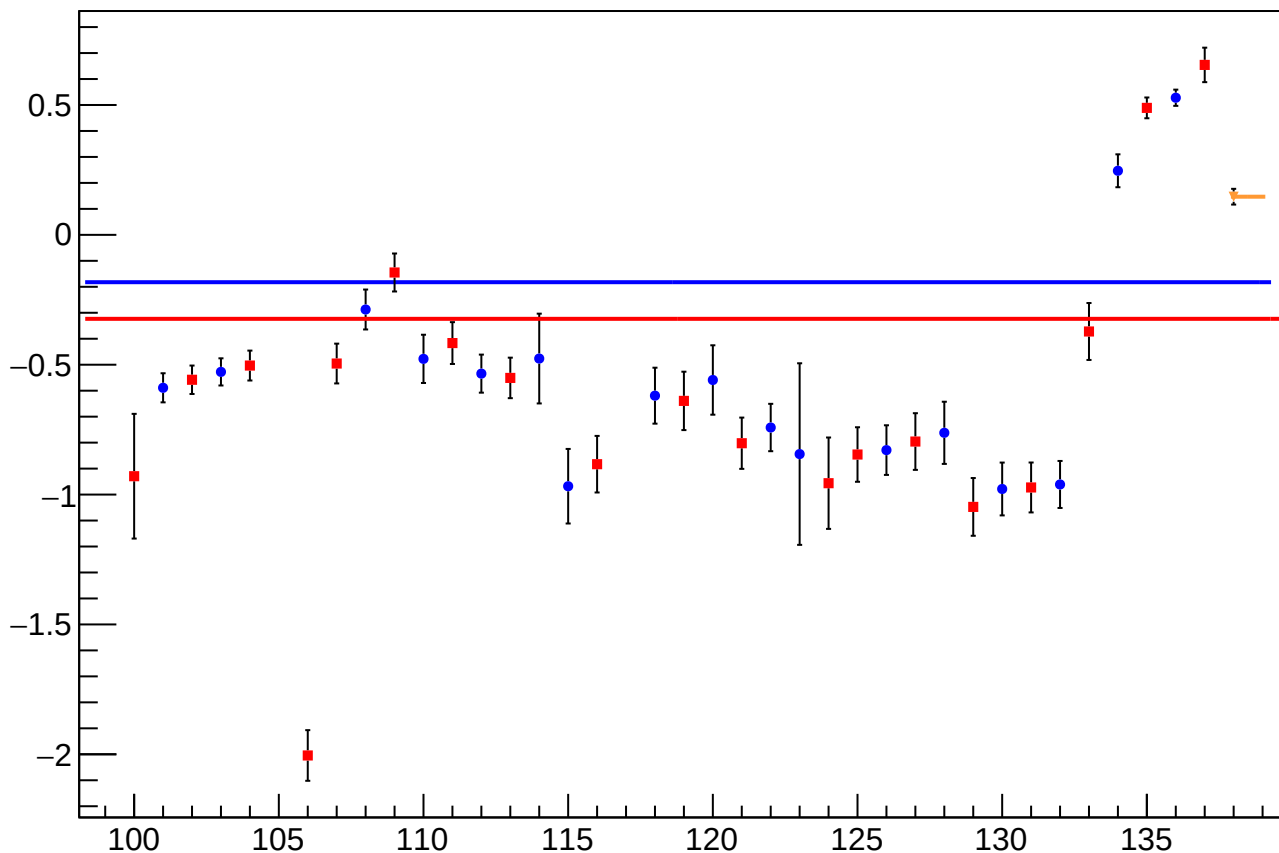
Right: 22.617+/-0.235 χ^2/NDF : 8384.4/35

In: 23.073+/-0.326 χ^2/NDF :4346.0/16

Out: 22.485+/-0.312 χ^2/NDF :4041.6/19

All: 22.766+/-0.225 χ^2/NDF : 8389.3/36

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: 0.147 ± 0.030 χ^2/NDF : 0.0/0

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.147 ± 0.030 χ^2/NDF : 0.0/0

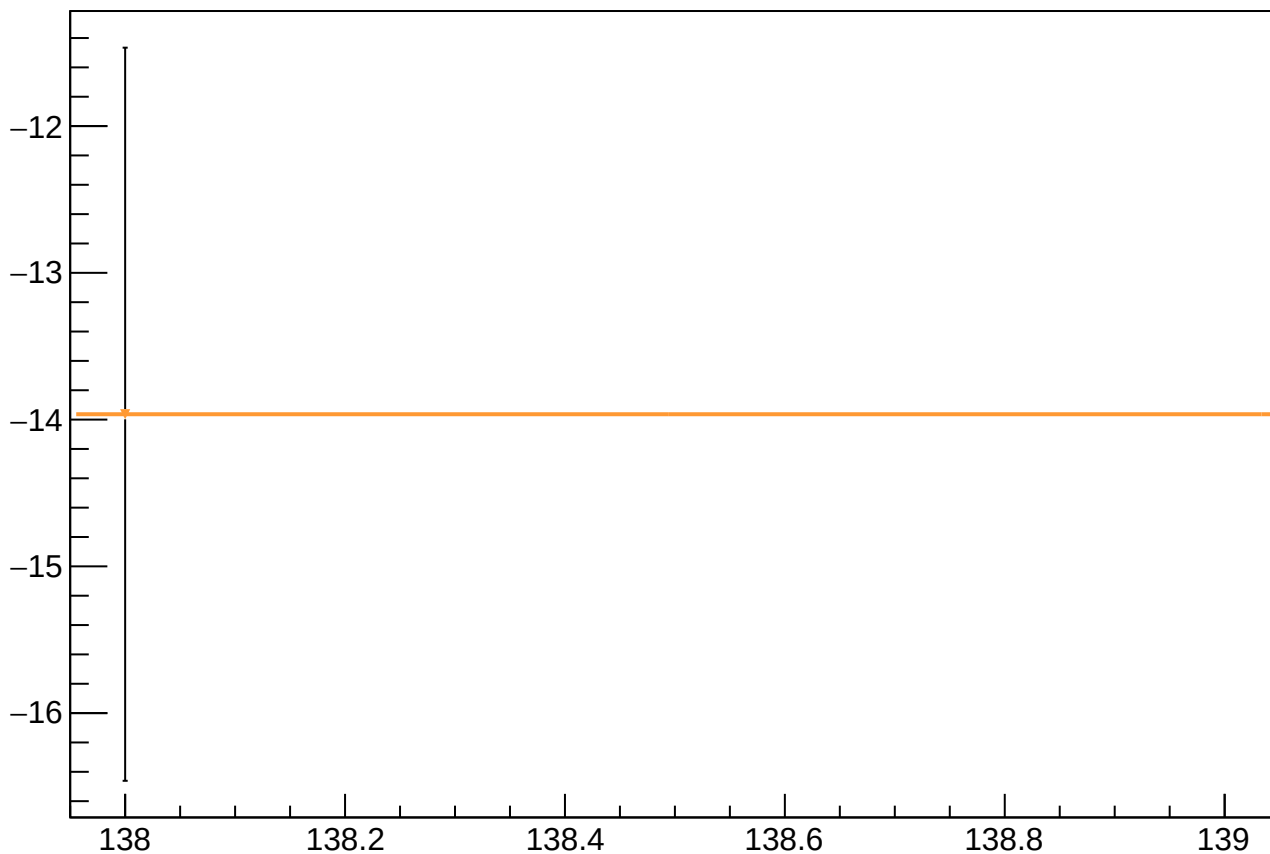
Right: -0.251 ± 0.013 χ^2/NDF : 2213.4/35

In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Out: -0.199 ± 0.016 χ^2/NDF : 1361.6/19

All: -0.192 ± 0.012 χ^2/NDF : 2360.2/36

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.963+/-2.498 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: -13.963+/-2.498 χ^2/NDF : 0.0/0

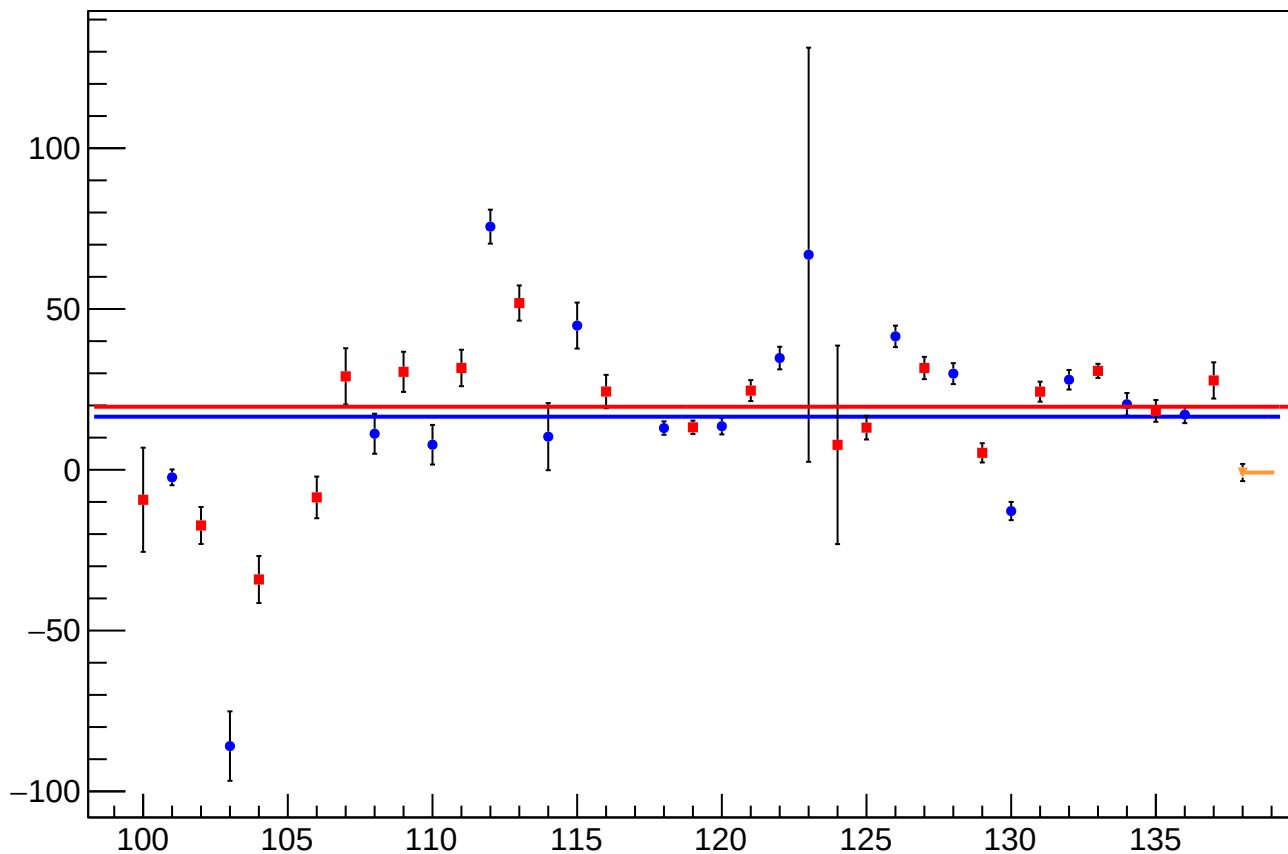
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -13.963+/-2.498 χ^2/NDF : 0.0/0

All: -13.963+/-2.498 χ^2/NDF : 0.0/0

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: -0.854 $\pm$ 2.672 χ^2 /NDF:0.0/0

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: -0.854 $\pm$ 2.672 χ^2 /NDF: 0.0/0

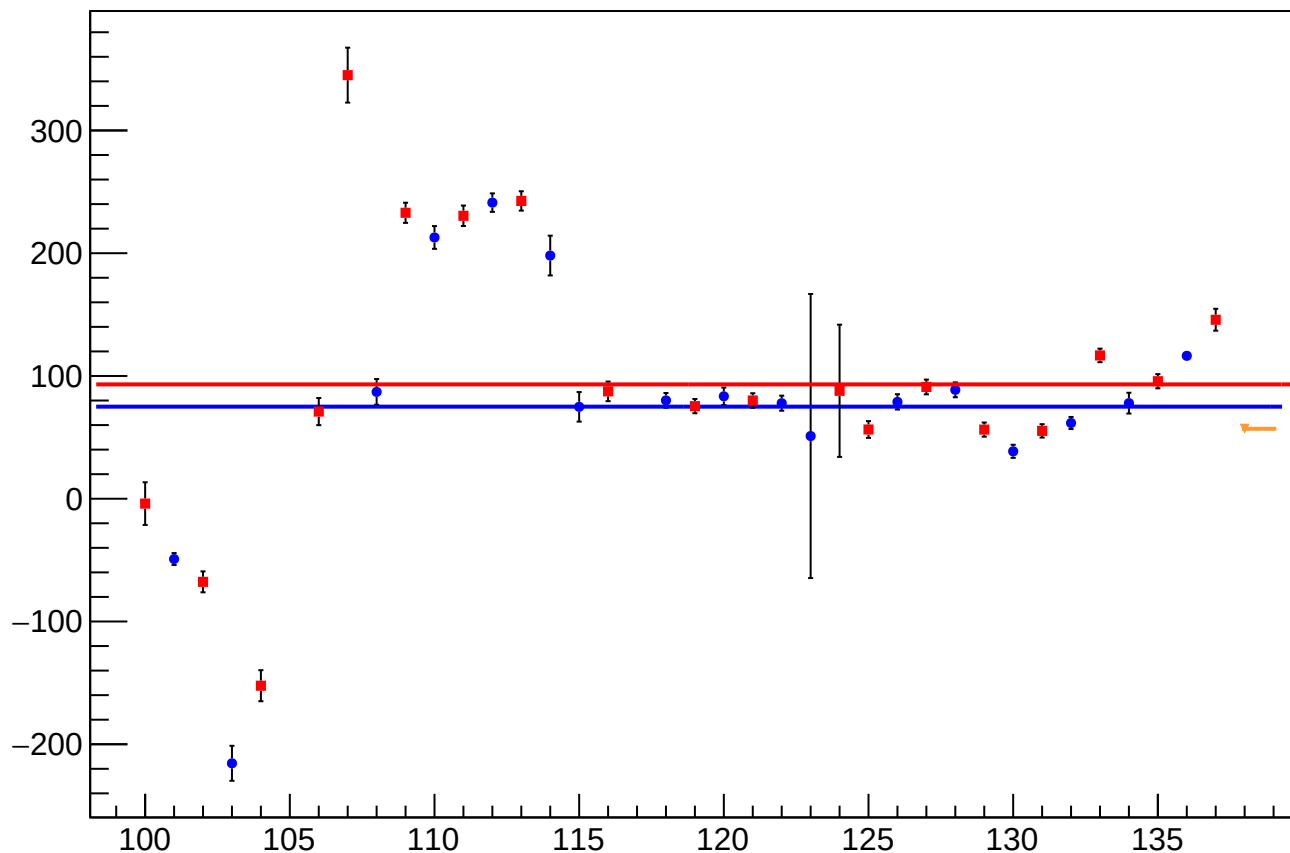
Right: 17.968 $\pm$ 0.616 χ^2 /NDF: 767.9/35

In: 16.512 $\pm$ 0.847 χ^2 /NDF:519.6/16

Out: 17.526 $\pm$ 0.852 χ^2 /NDF:294.6/19

All: 17.017 $\pm$ 0.601 χ^2 /NDF: 815.0/36

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF : 1999.3/16

Left Out: 57.002+/-2.710 χ^2/NDF : 0.0/0

Right Out: 93.140+/-1.711 χ^2/NDF : 2002.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 57.002+/-2.710 χ^2/NDF : 0.0/0

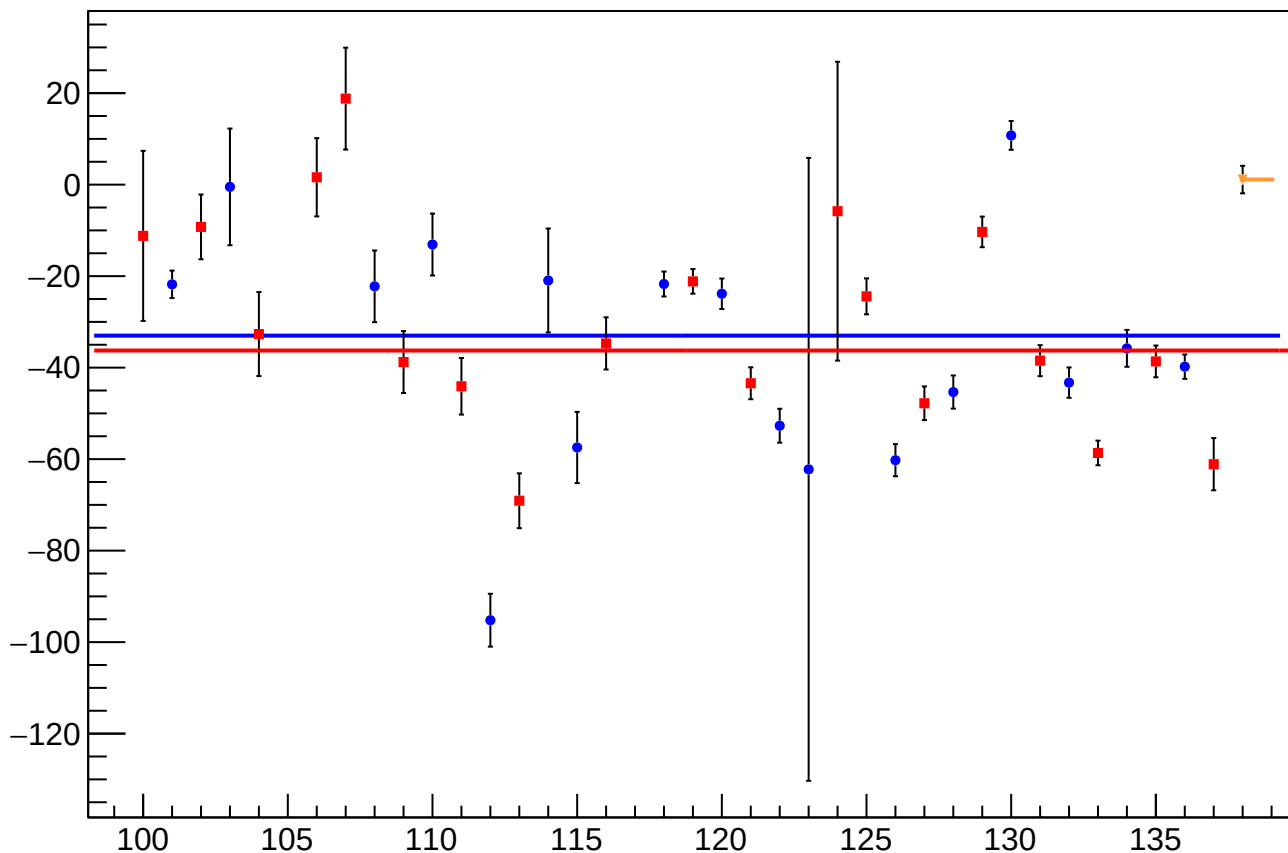
Right: 83.668+/-1.183 χ^2/NDF : 4060.3/35

In: 75.009+/-1.636 χ^2/NDF : 1999.3/16

Out: 82.836+/-1.447 χ^2/NDF : 2129.5/19

All: 79.401+/-1.084 χ^2/NDF : 4141.7/36

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: 1.110 ± 3.007 χ^2/NDF : 0.0/0

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 1.110 ± 3.007 χ^2/NDF : 0.0/0

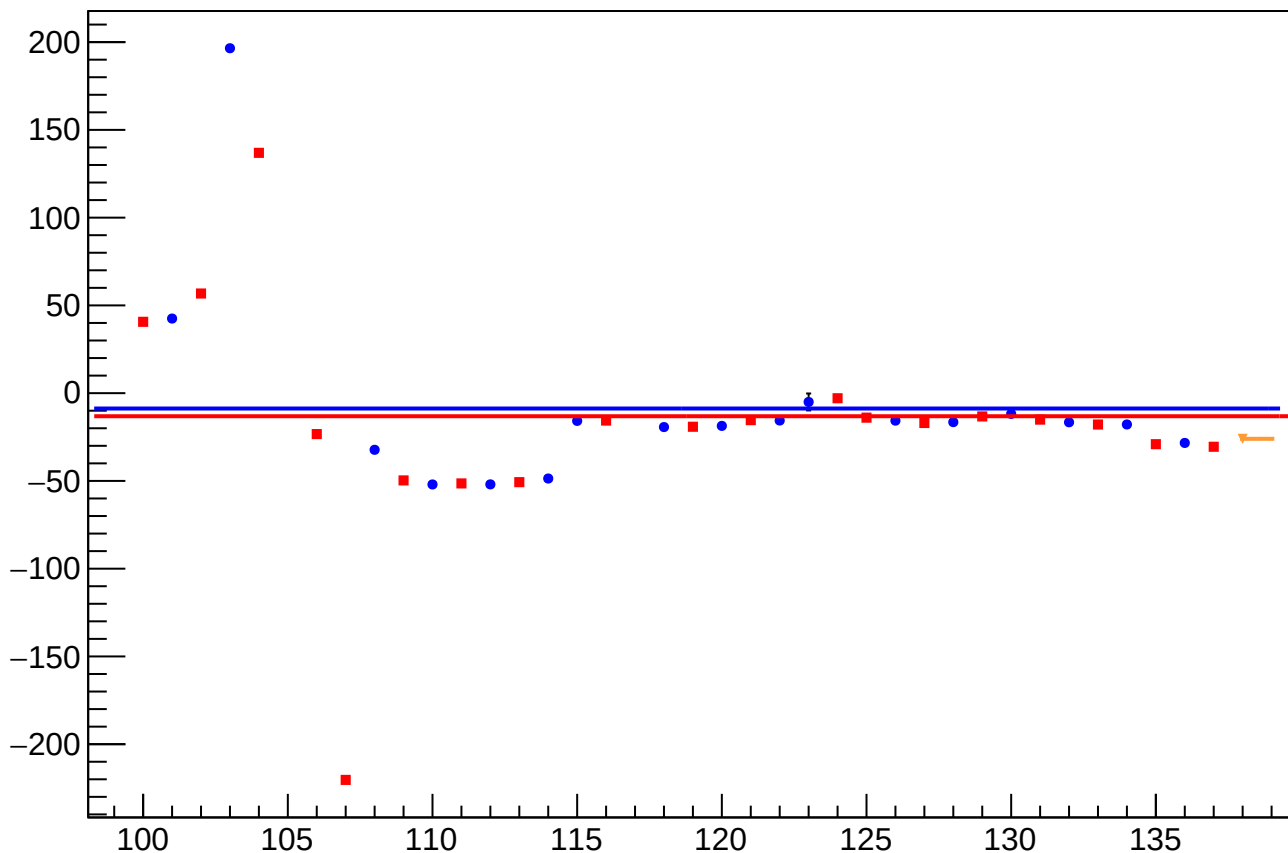
Right: -34.545 ± 0.705 χ^2/NDF : 795.4/35

In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Out: -32.369 ± 0.970 χ^2/NDF : 435.4/19

All: -32.686 ± 0.687 χ^2/NDF : 928.7/36

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751 ± 0.059 χ^2/NDF : 576012.4/16

Left Out: -26.005 ± 0.105 χ^2/NDF : 0.0/0

Right Out: -13.143 ± 0.062 χ^2/NDF : 558628.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -26.005 ± 0.105 χ^2/NDF : 0.0/0

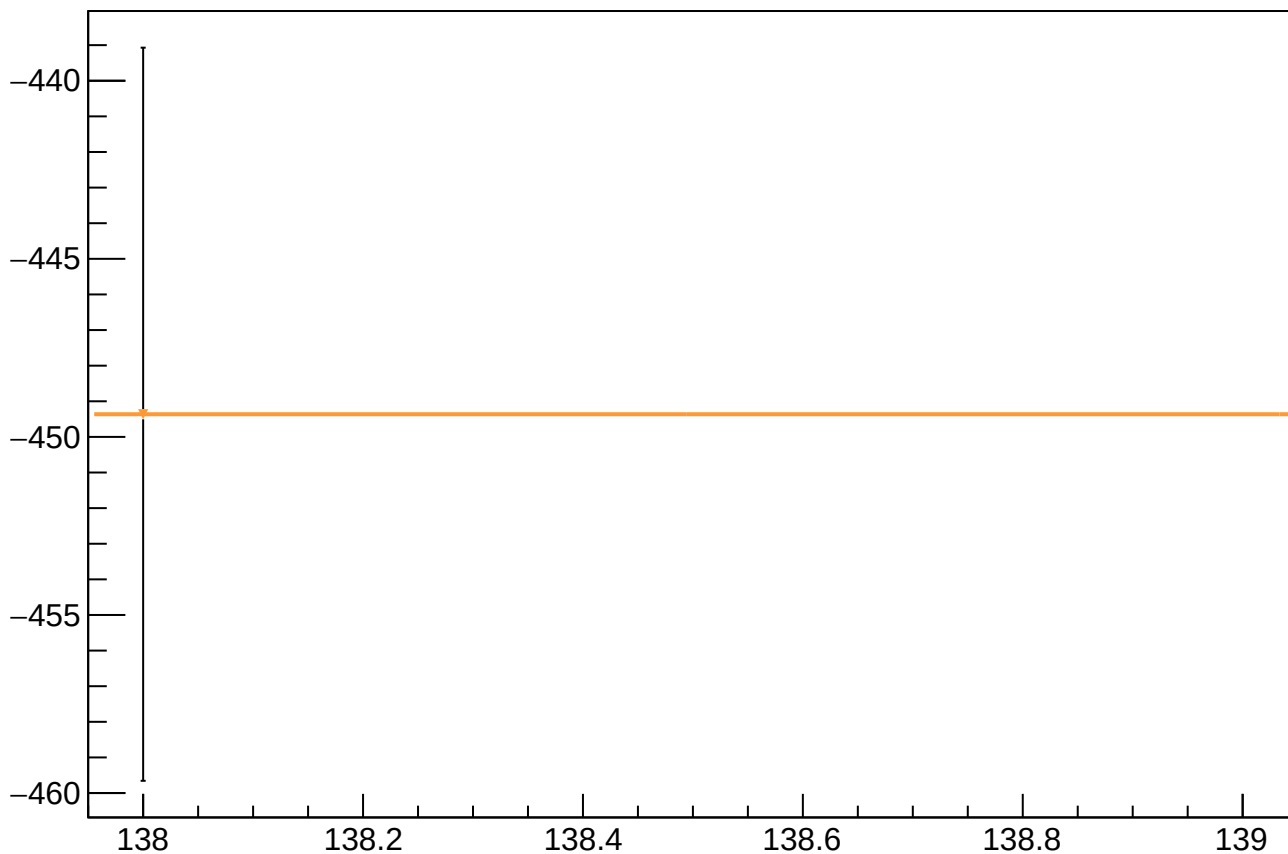
Right: -10.840 ± 0.043 χ^2/NDF : 1137294.9/35

In: -8.751 ± 0.059 χ^2/NDF : 576012.4/16

Out: -16.430 ± 0.053 χ^2/NDF : 569723.9/19

All: -12.970 ± 0.039 χ^2/NDF : 1155105.8/36

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -449.364+/-10.293 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: -449.364+/-10.293 χ^2/NDF : 0.0/0

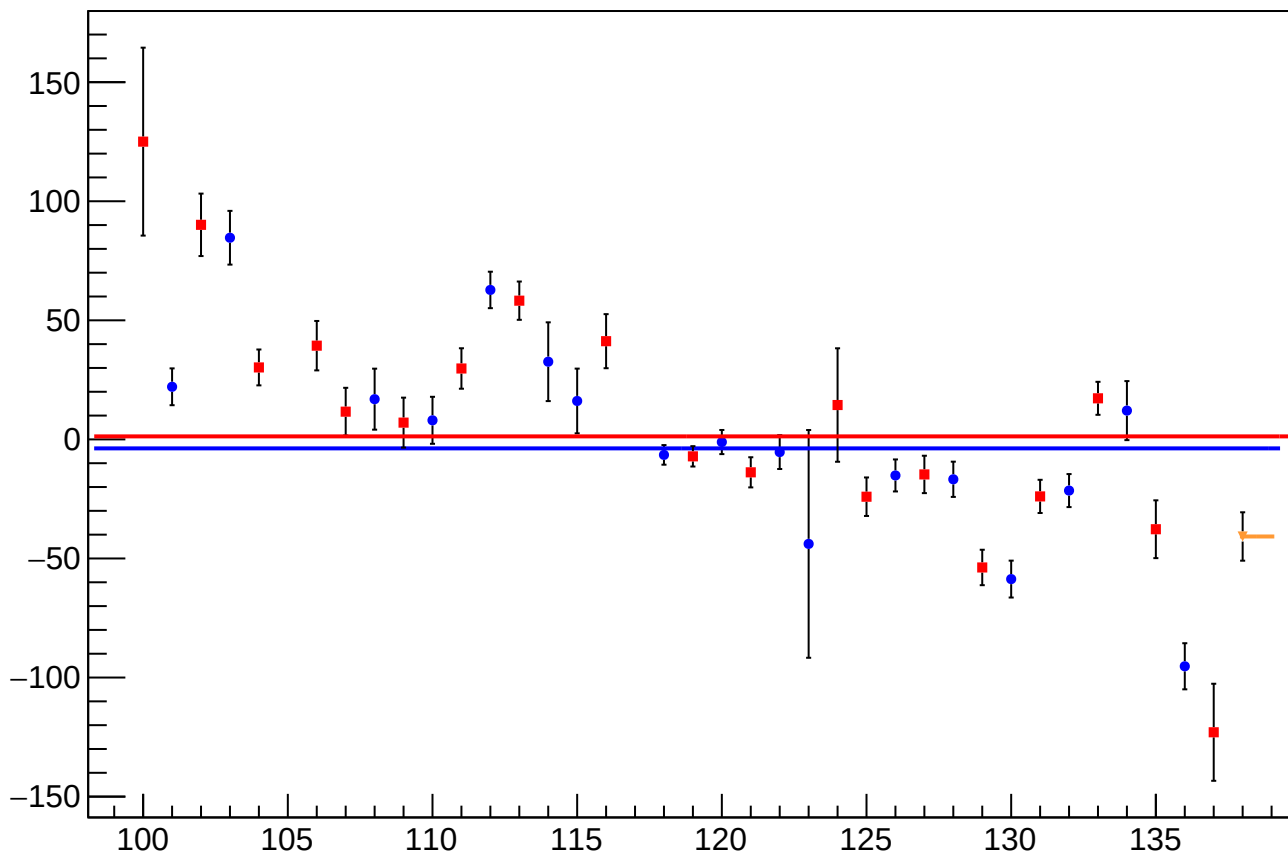
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -449.364+/-10.293 χ^2/NDF : 0.0/0

All: -449.364+/-10.293 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF : 314.3/16

Left Out: -40.770+/-10.163 χ^2/NDF : 0.0/0

Right Out: 1.265+/-1.920 χ^2/NDF : 303.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -40.770+/-10.163 χ^2/NDF : 0.0/0

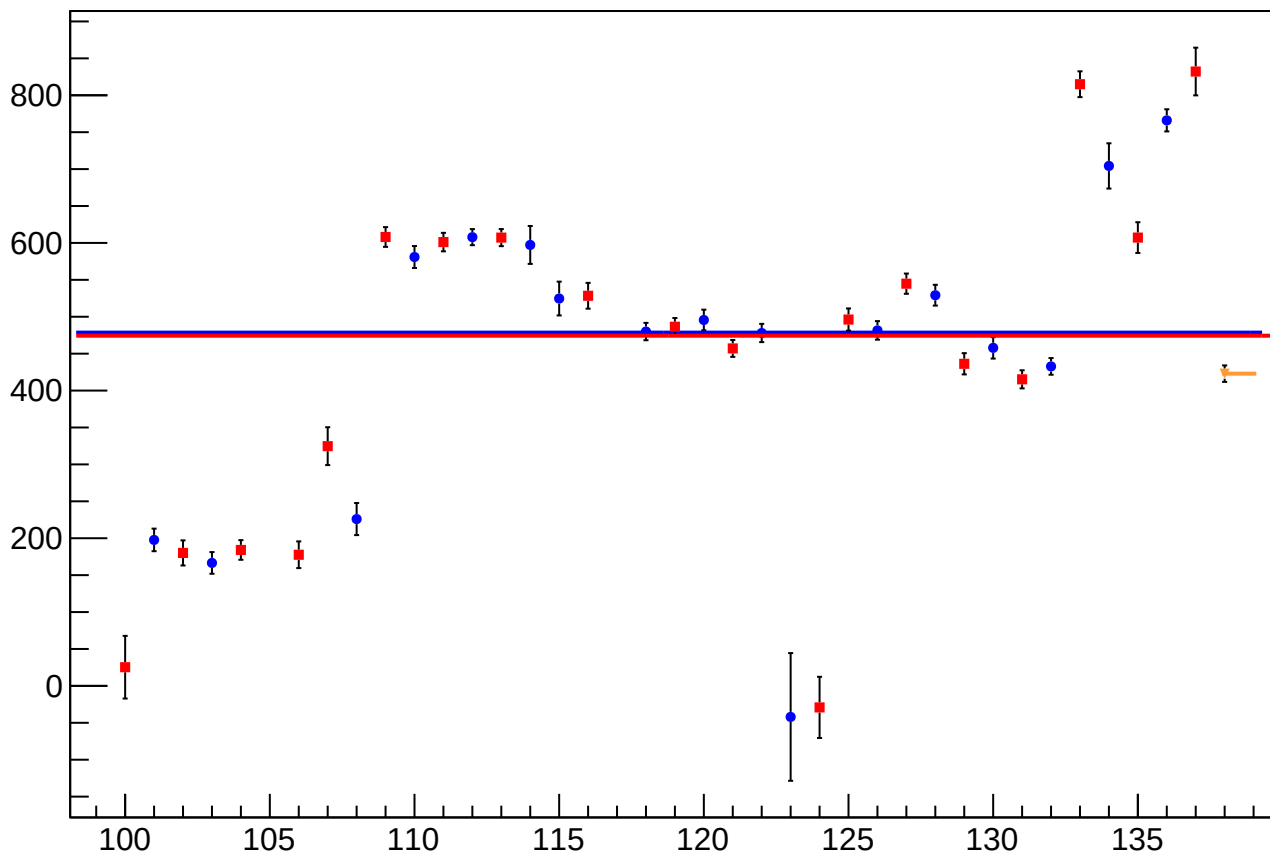
Right: -1.296+/-1.346 χ^2/NDF : 621.6/35

In: -3.773+/-1.889 χ^2/NDF : 314.3/16

Out: -0.183+/-1.887 χ^2/NDF : 320.3/19

All: -1.977+/-1.335 χ^2/NDF : 636.4/36

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF : 1629.0/16

Left Out: 422.918+/-11.157 χ^2/NDF : 0.0/0

Right Out: 474.328+/-3.533 χ^2/NDF : 2287.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 422.918+/-11.157 χ^2/NDF : 0.0/0

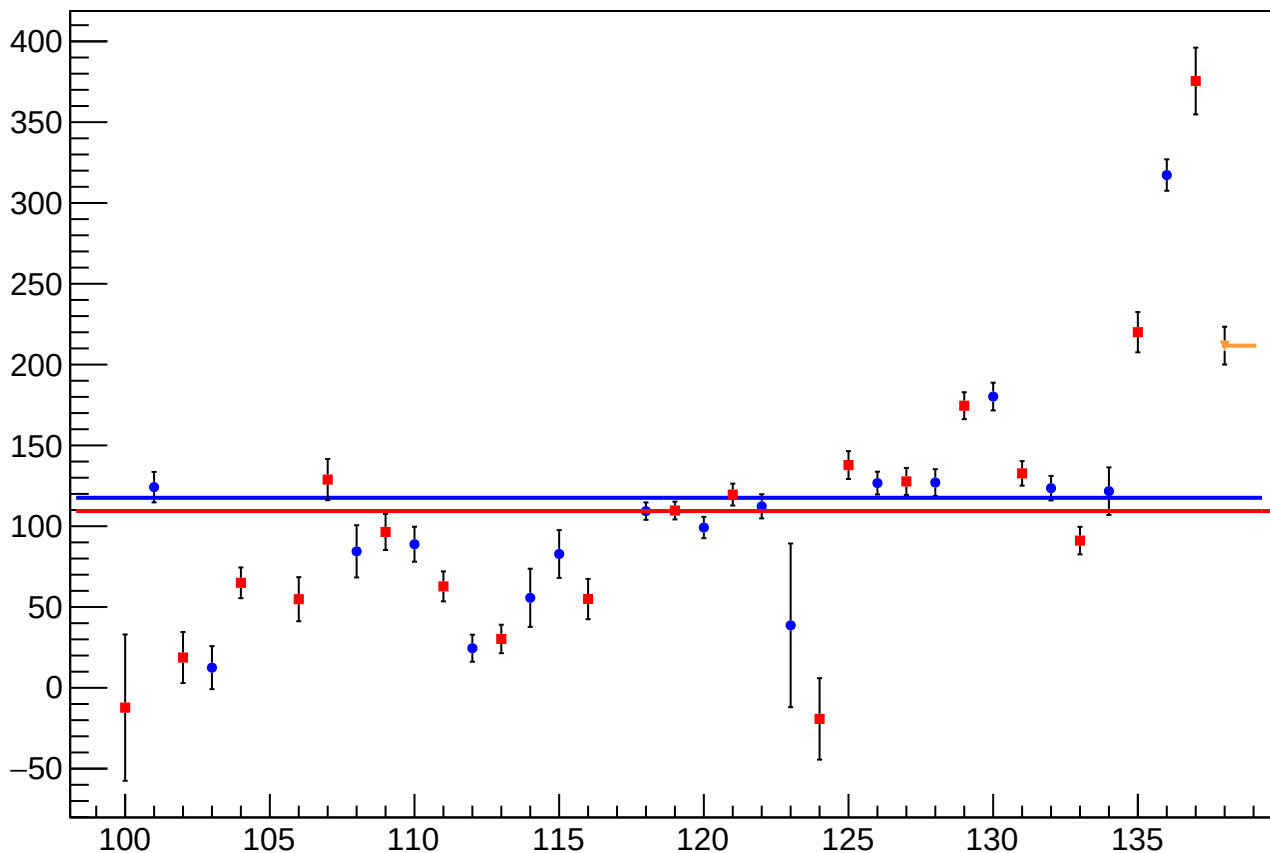
Right: 476.370+/-2.532 χ^2/NDF : 3916.8/35

In: 478.526+/-3.630 χ^2/NDF : 1629.0/16

Out: 469.644+/-3.368 χ^2/NDF : 2306.4/19

All: 473.753+/-2.469 χ^2/NDF : 3938.6/36

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: 211.735 $\pm$ 11.699 χ^2 /NDF:0.0/0

Right Out: 109.400 $\pm$ 2.210 χ^2 /NDF: 571.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 211.735 $\pm$ 11.699 χ^2 /NDF: 0.0/0

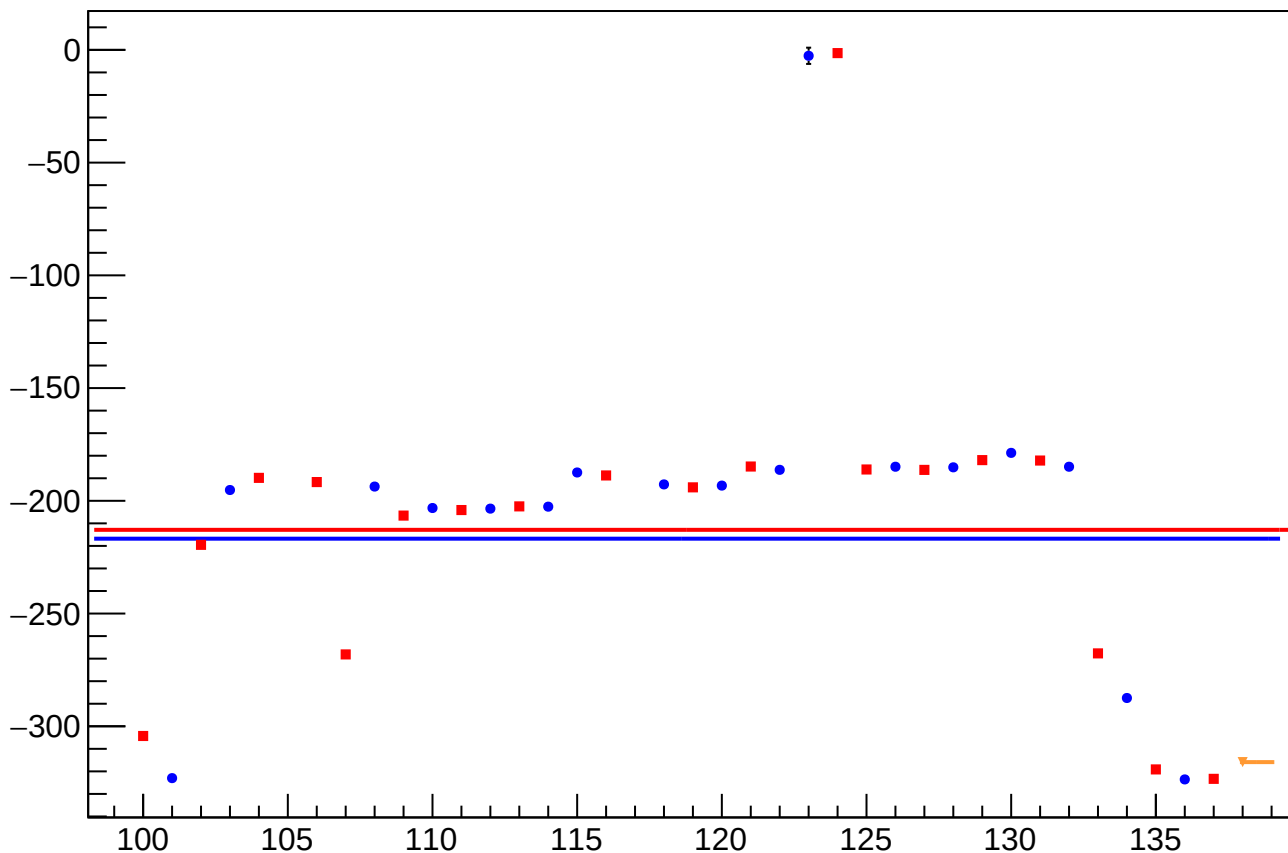
Right: 113.524 $\pm$ 1.557 χ^2 /NDF: 1285.0/35

In: 117.585 $\pm$ 2.193 χ^2 /NDF:706.9/16

Out: 112.925 $\pm$ 2.171 χ^2 /NDF:645.1/19

All: 115.232 $\pm$ 1.543 χ^2 /NDF: 1354.2/36

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -315.891+/-0.443 χ^2/NDF : 0.0/0

Right Out: -212.869+/-0.130 χ^2/NDF : 116393.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -315.891+/-0.443 χ^2/NDF : 0.0/0

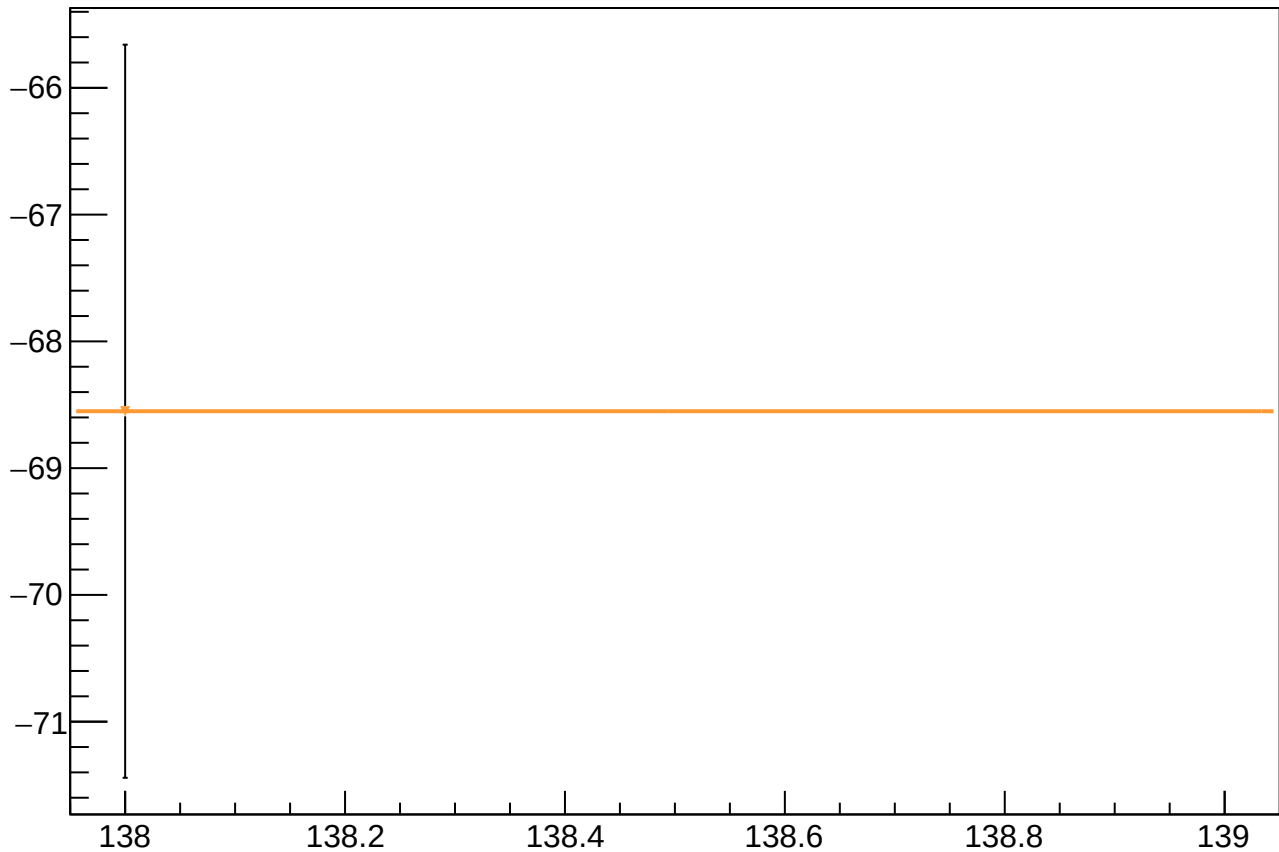
Right: -214.751+/-0.094 χ^2/NDF : 263806.1/35

In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Out: -221.041+/-0.125 χ^2/NDF : 166095.6/19

All: -219.094+/-0.092 χ^2/NDF : 313601.8/36

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.551+/-2.892 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: -68.551+/-2.892 χ^2/NDF : 0.0/0

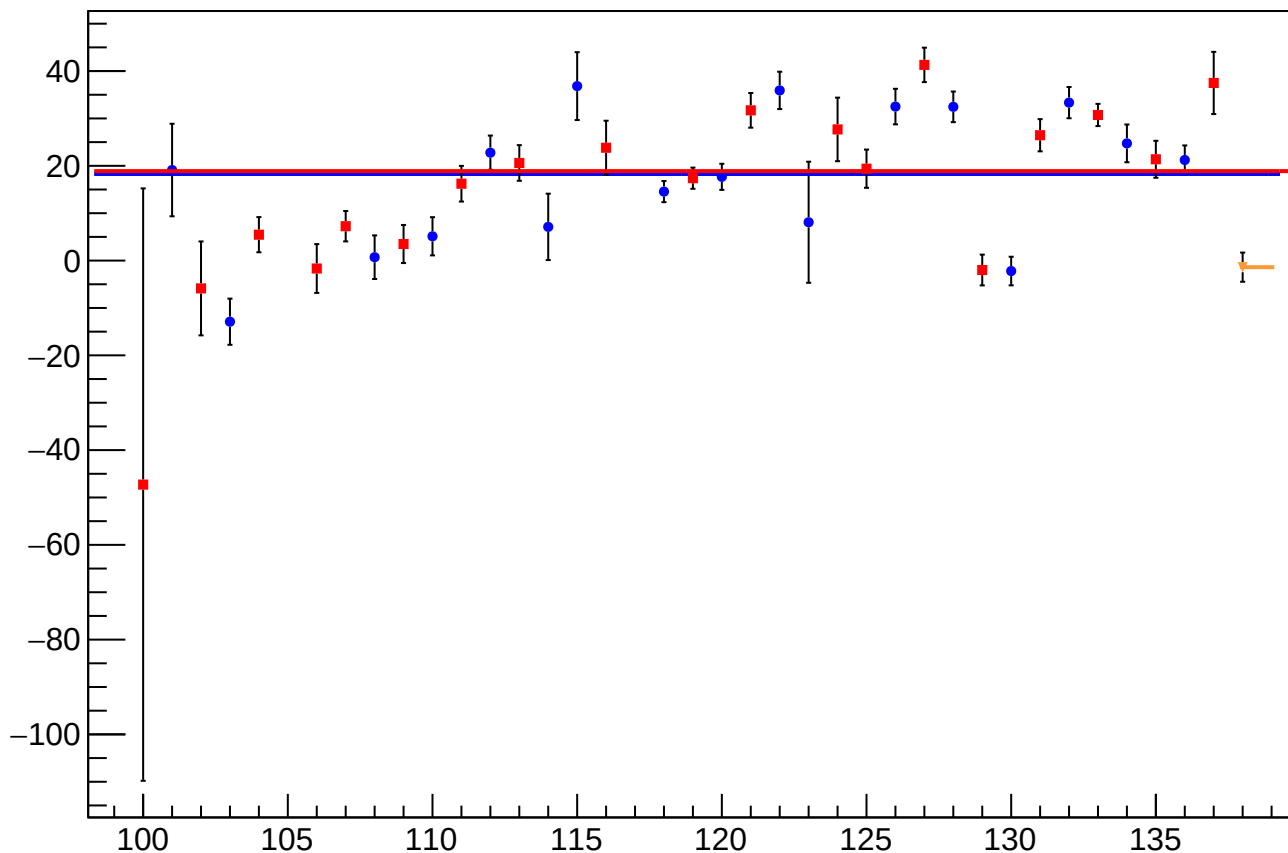
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -68.551+/-2.892 χ^2/NDF : 0.0/0

All: -68.551+/-2.892 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF : 204.6/16

Left Out: -1.391+/-3.079 χ^2/NDF : 0.0/0

Right Out: 18.882+/-0.864 χ^2/NDF : 198.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -1.391+/-3.079 χ^2/NDF : 0.0/0

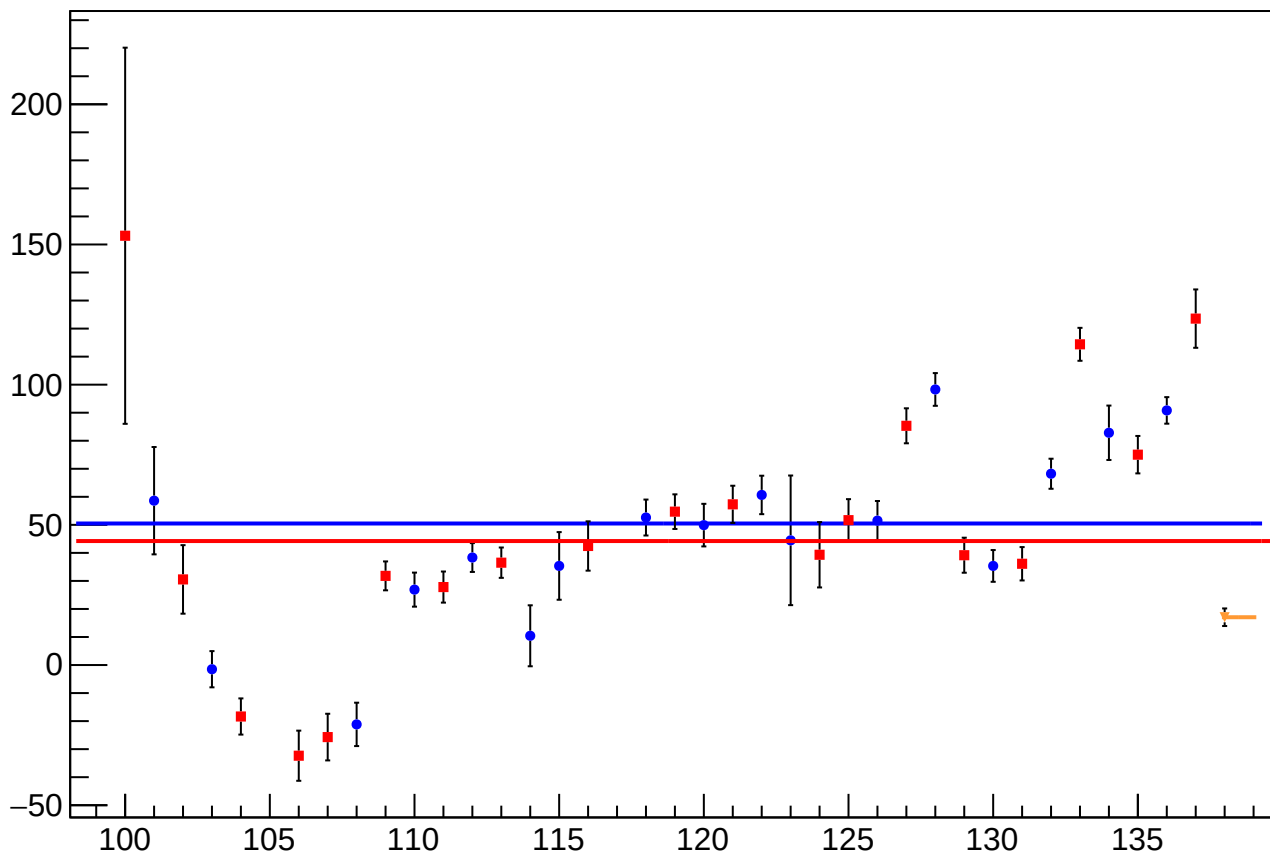
Right: 18.595+/-0.625 χ^2/NDF : 403.2/35

In: 18.279+/-0.906 χ^2/NDF : 204.6/16

Out: 17.401+/-0.832 χ^2/NDF : 238.6/19

All: 17.803+/-0.613 χ^2/NDF : 443.7/36

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: 17.050 $\pm$ 3.137 χ^2 /NDF:0.0/0

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 17.050 $\pm$ 3.137 χ^2 /NDF: 0.0/0

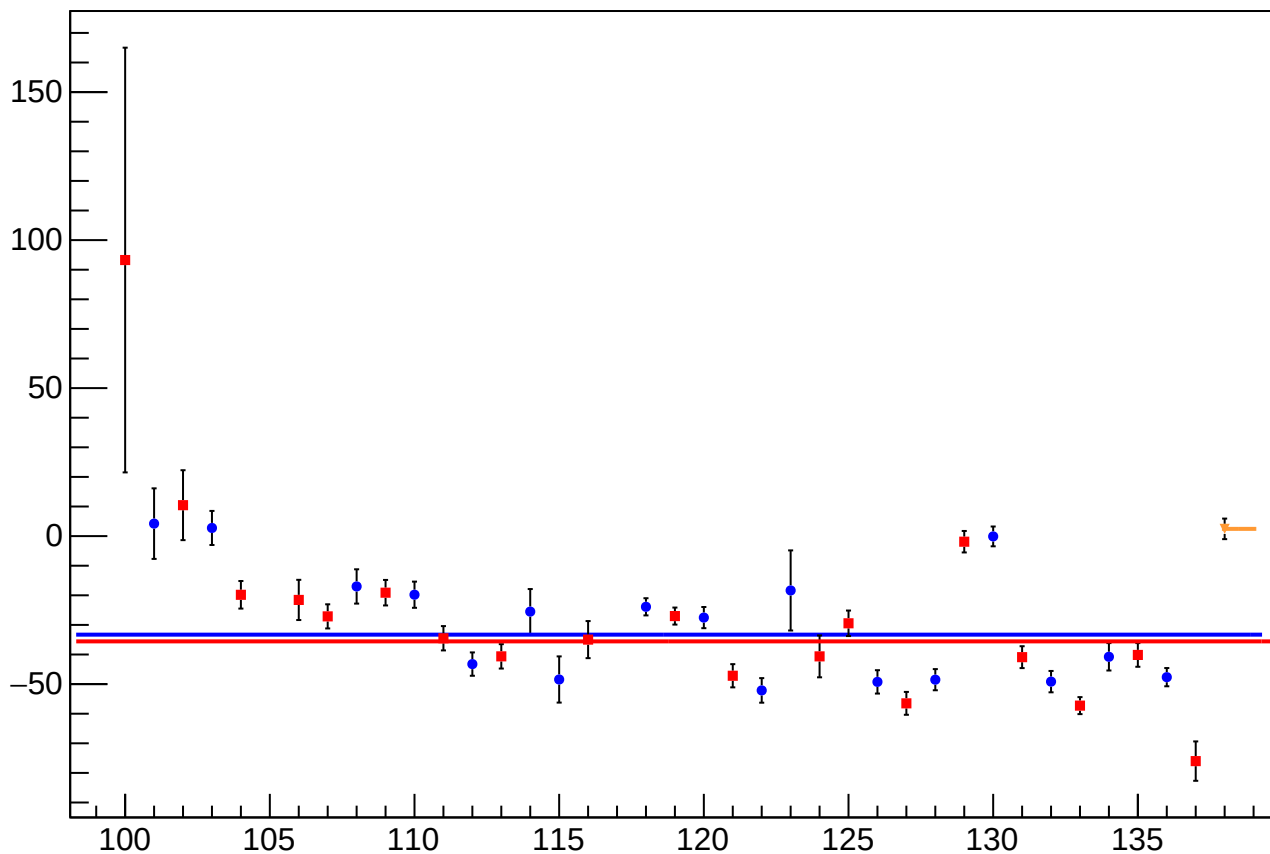
Right: 47.226 $\pm$ 1.156 χ^2 /NDF: 899.6/35

In: 50.482 $\pm$ 1.668 χ^2 /NDF:357.9/16

Out: 38.597 $\pm$ 1.427 χ^2 /NDF:593.9/19

All: 43.620 $\pm$ 1.084 χ^2 /NDF: 981.1/36

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 $\pm$ 1.033 χ^2 /NDF: 289.1/16

Left Out: 2.447 $\pm$ 3.471 χ^2 /NDF:0.0/0

Right Out: -35.566 $\pm$ 0.992 χ^2 /NDF: 287.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 2.447 $\pm$ 3.471 χ^2 /NDF: 0.0/0

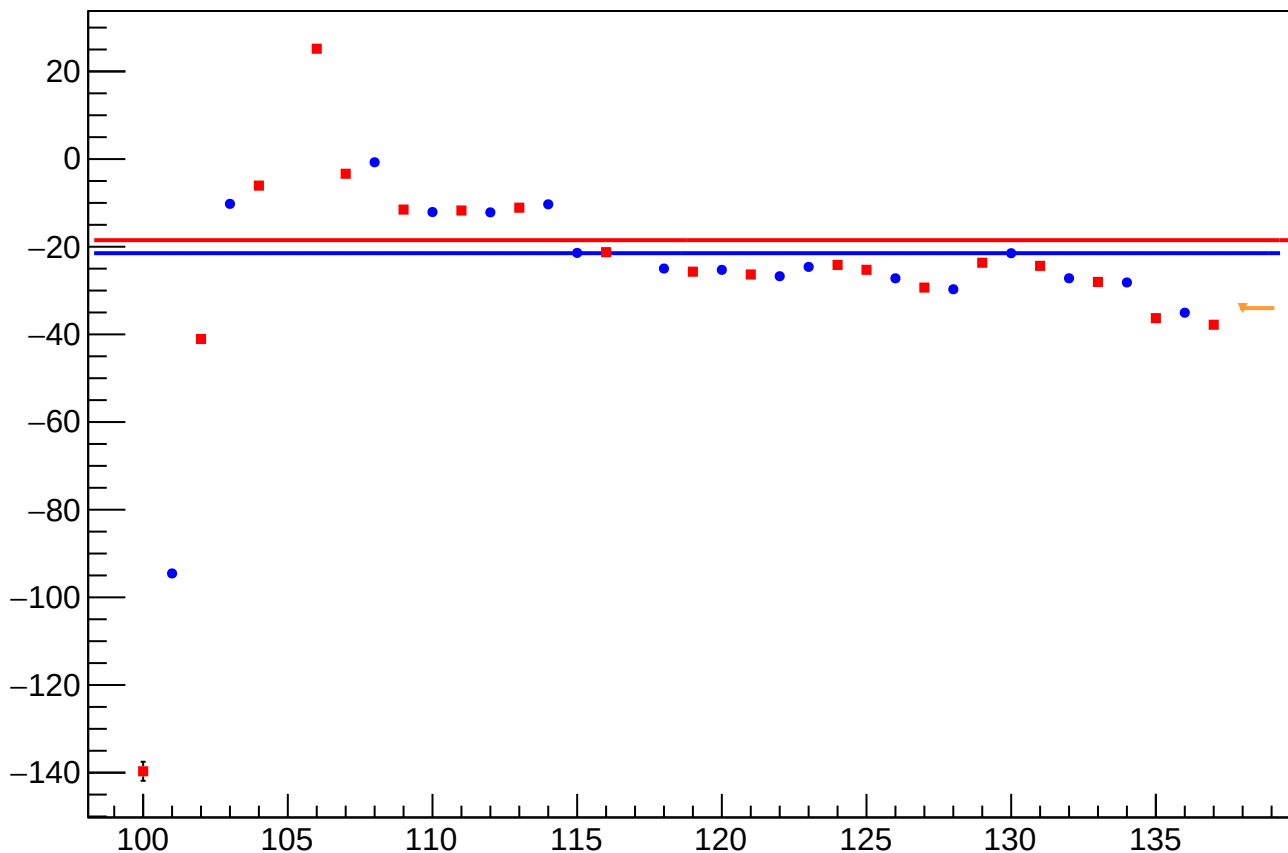
Right: -34.474 $\pm$ 0.716 χ^2 /NDF: 579.3/35

In: -33.292 $\pm$ 1.033 χ^2 /NDF:289.1/16

Out: -32.693 $\pm$ 0.954 χ^2 /NDF:398.5/19

All: -32.968 $\pm$ 0.701 χ^2 /NDF: 687.8/36

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF : 49009.8/16

Left Out: -34.003+/-0.122 χ^2/NDF : 0.0/0

Right Out: -18.506+/-0.057 χ^2/NDF : 80734.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -34.003+/-0.122 χ^2/NDF : 0.0/0

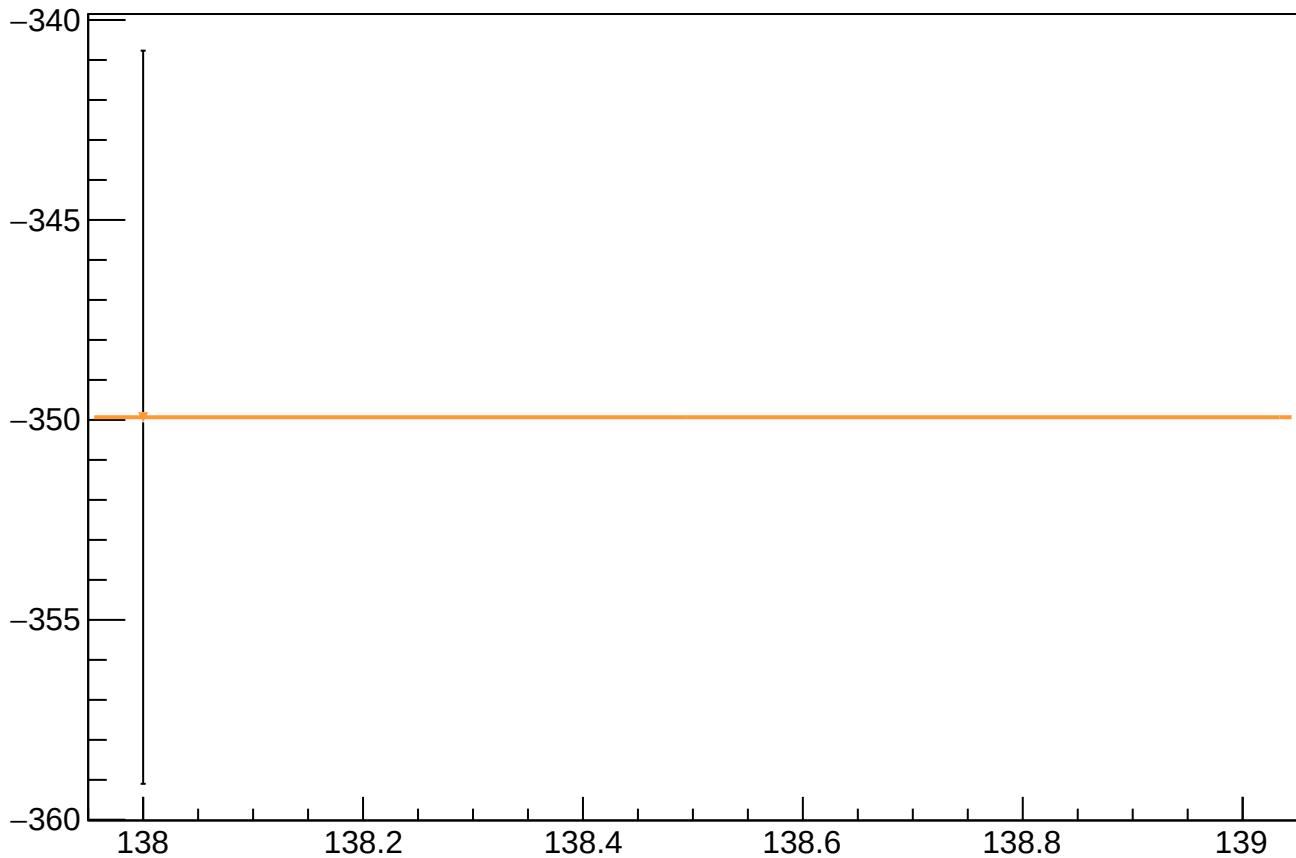
Right: -19.957+/-0.041 χ^2/NDF : 131054.3/35

In: -21.476+/-0.059 χ^2/NDF : 49009.8/16

Out: -21.305+/-0.052 χ^2/NDF : 93922.7/19

All: -21.380+/-0.039 χ^2/NDF : 142937.3/36

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -349.933+/-9.166 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: -349.933+/-9.166 χ^2/NDF : 0.0/0

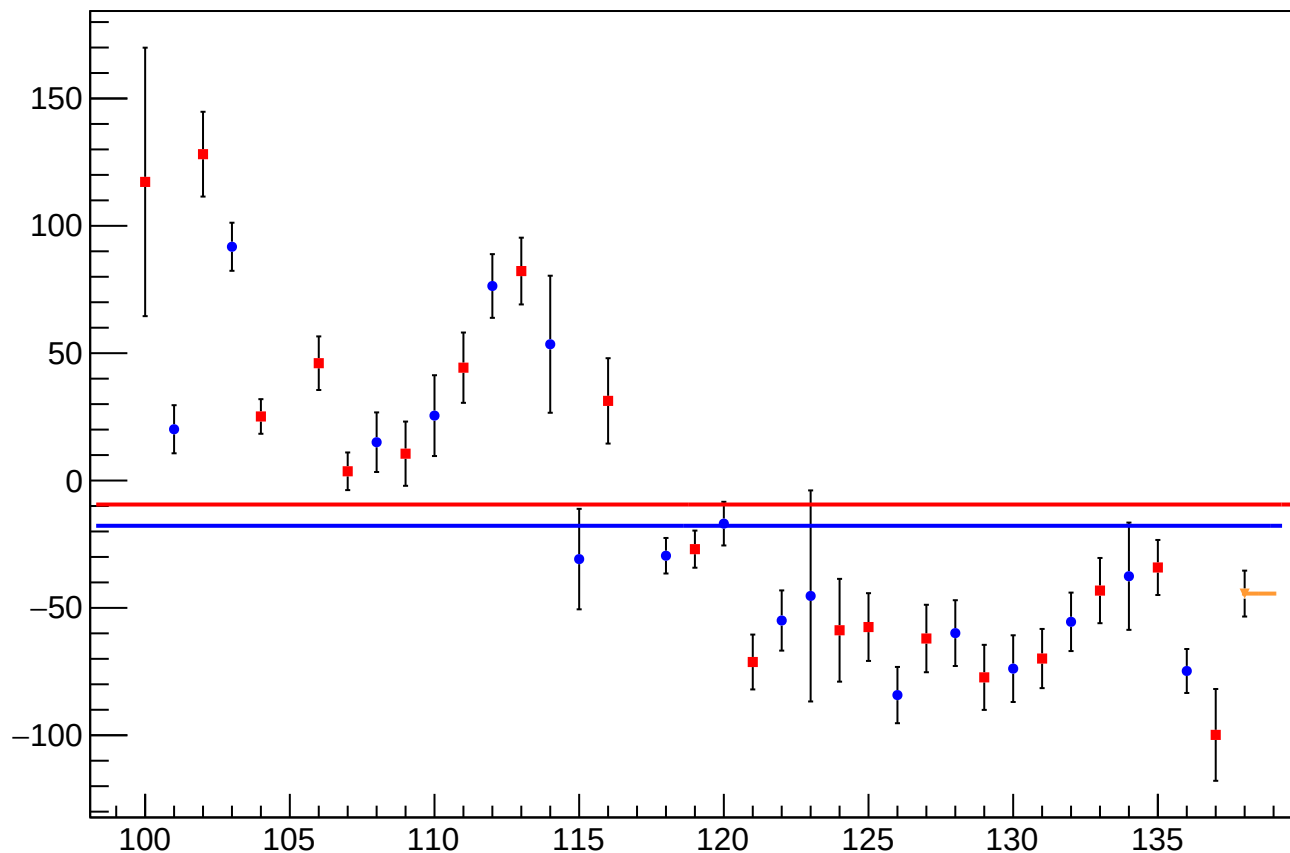
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -349.933+/-9.166 χ^2/NDF : 0.0/0

All: -349.933+/-9.166 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: -44.385 ± 9.013 χ^2/NDF : 0.0/0

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -44.385 ± 9.013 χ^2/NDF : 0.0/0

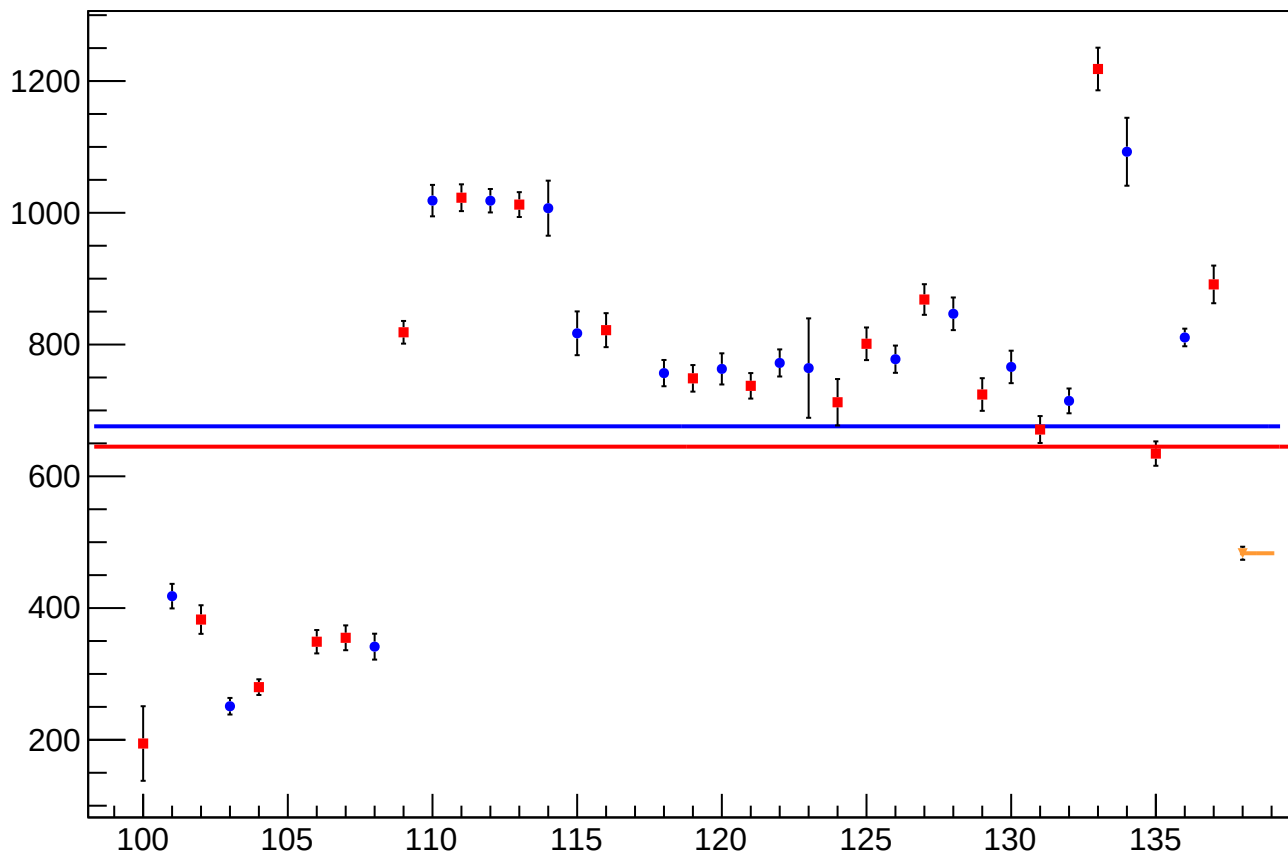
Right: -13.331 ± 1.905 χ^2/NDF : 738.2/35

In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Out: -12.128 ± 2.510 χ^2/NDF : 383.5/19

All: -14.658 ± 1.863 χ^2/NDF : 749.6/36

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF : 2586.4/16

Left Out: 483.194+/-9.935 χ^2/NDF : 0.0/0

Right Out: 645.014+/-4.761 χ^2/NDF : 3123.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 483.194+/-9.935 χ^2/NDF : 0.0/0

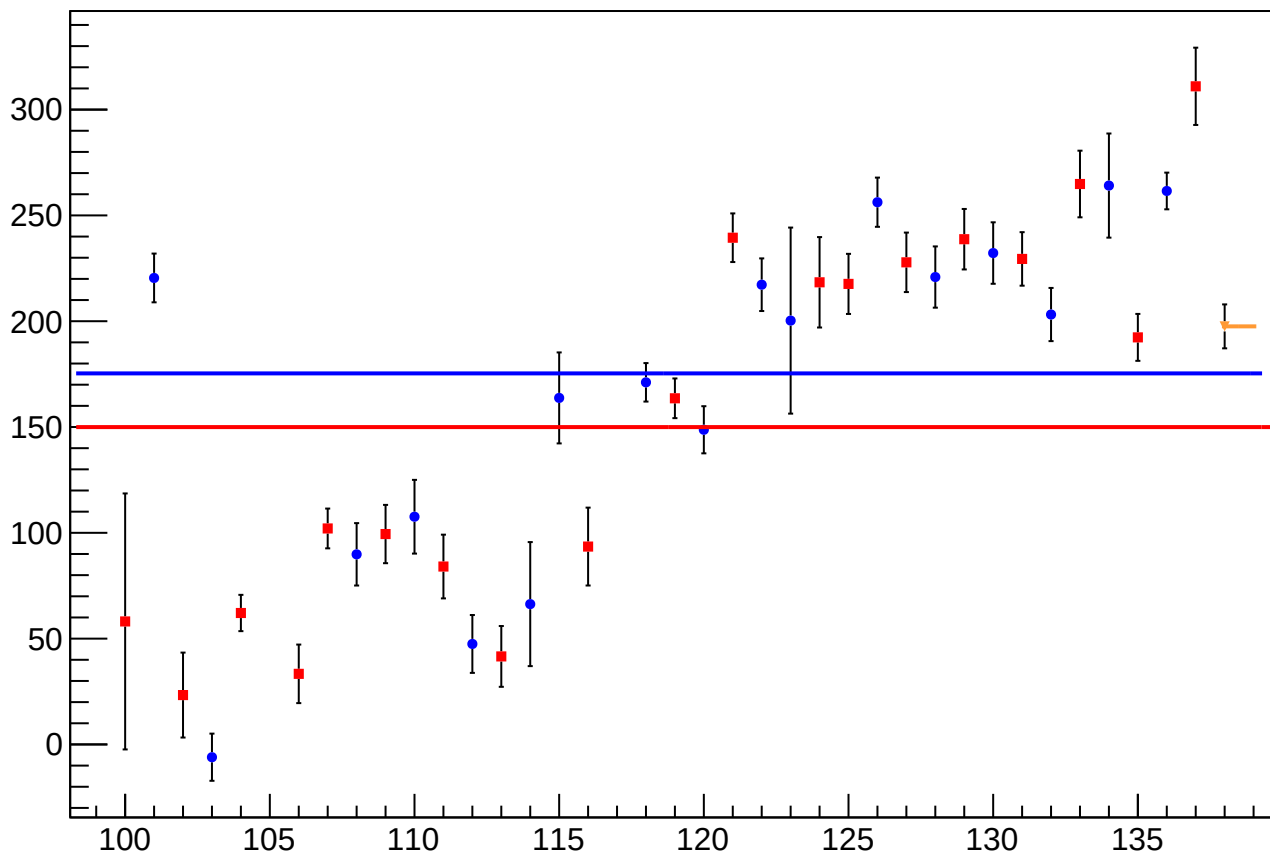
Right: 659.573+/-3.460 χ^2/NDF : 5729.5/35

In: 675.871+/-5.037 χ^2/NDF : 2586.4/16

Out: 614.795+/-4.293 χ^2/NDF : 3339.0/19

All: 640.496+/-3.267 χ^2/NDF : 6010.6/36

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF : 638.5/16

Left Out: 197.562+/-10.384 χ^2/NDF :0.0/0

Right Out: 149.966+/-3.045 χ^2/NDF : 693.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 197.562+/-10.384 χ^2/NDF : 0.0/0

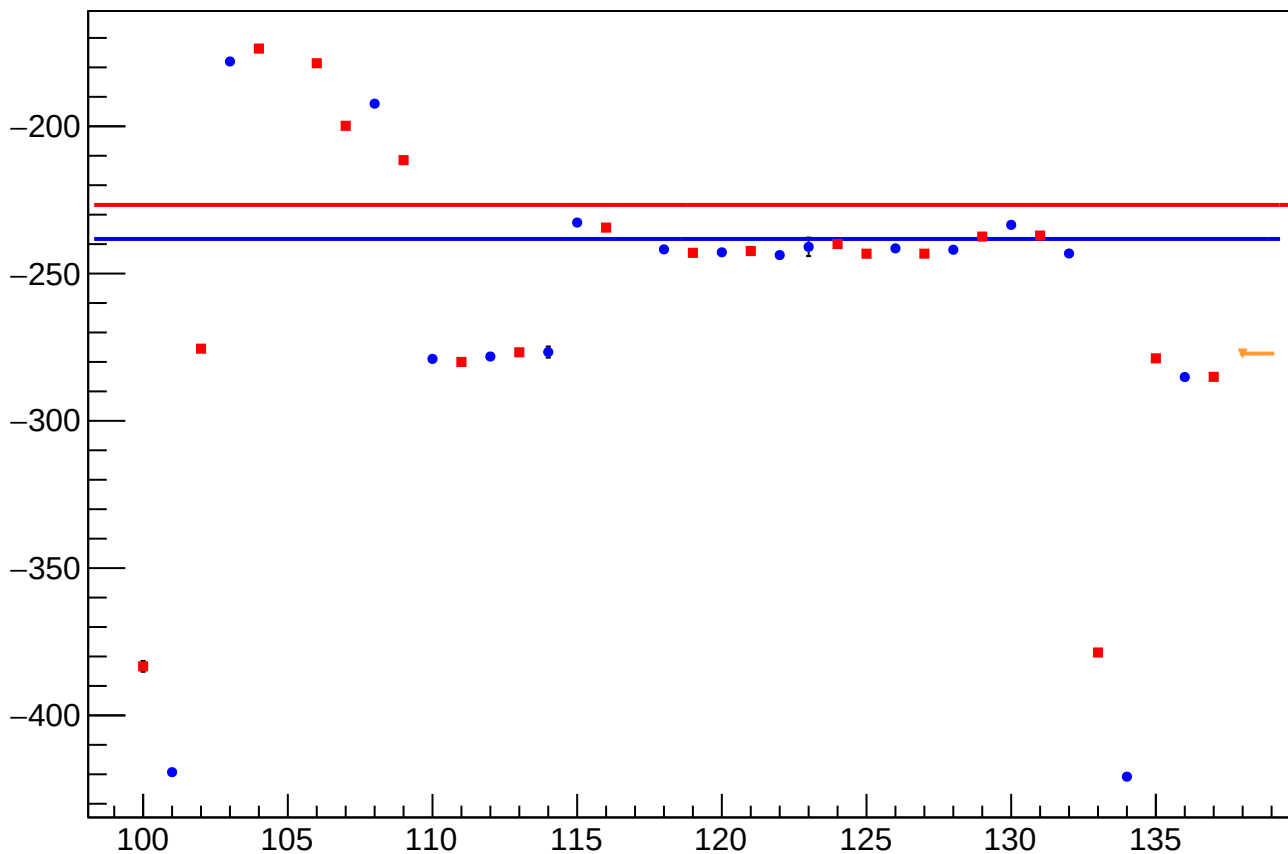
Right: 162.013+/-2.207 χ^2/NDF : 1364.6/35

In: 175.341+/-3.203 χ^2/NDF :638.5/16

Out: 153.735+/-2.922 χ^2/NDF :712.5/19

All: 163.550+/-2.159 χ^2/NDF : 1375.8/36

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -277.162+/-0.395 χ^2/NDF : 0.0/0

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -277.162+/-0.395 χ^2/NDF : 0.0/0

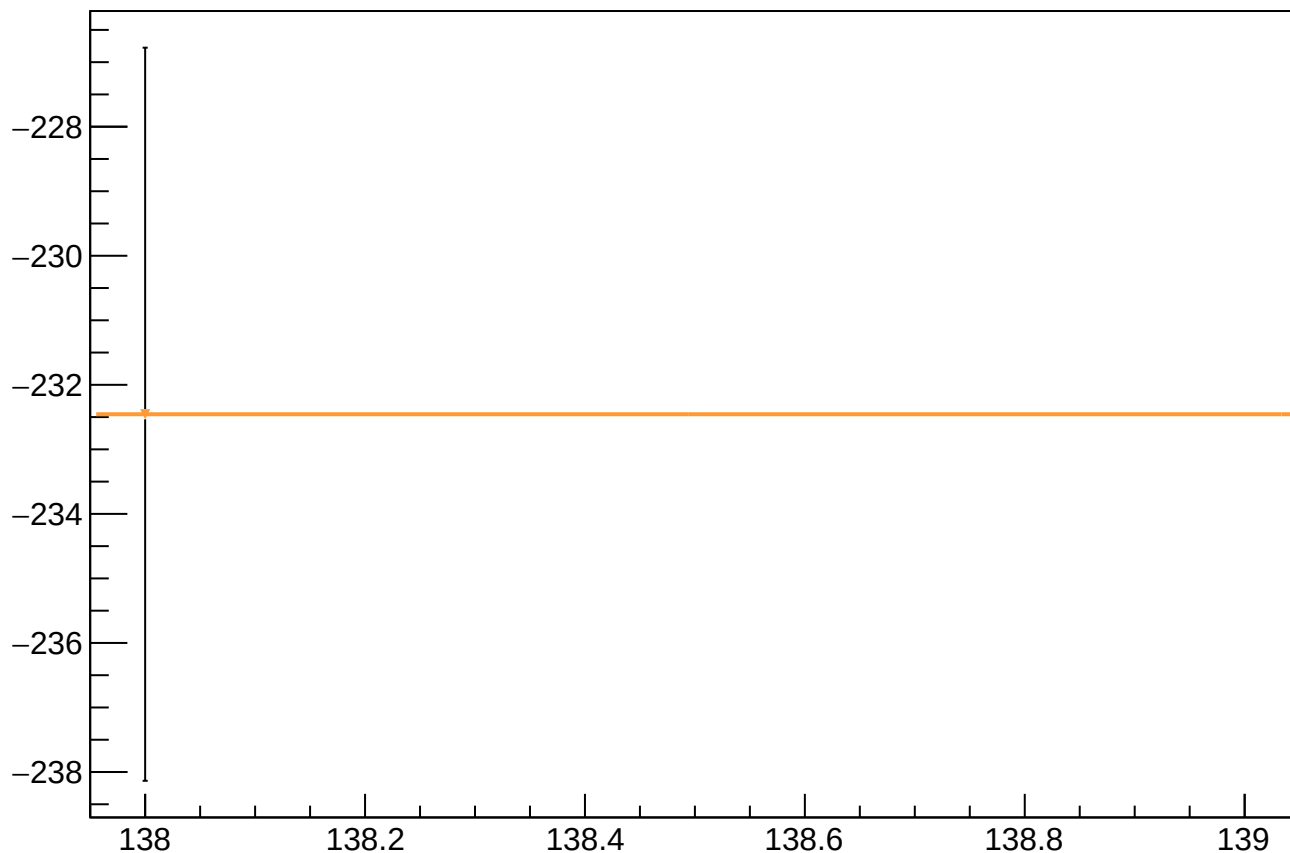
Right: -232.150+/-0.110 χ^2/NDF : 272709.4/35

In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Out: -233.137+/-0.141 χ^2/NDF : 117043.6/19

All: -235.375+/-0.106 χ^2/NDF : 284743.7/36

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: -232.456+/-5.680 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: -232.456+/-5.680 χ^2/NDF : 0.0/0

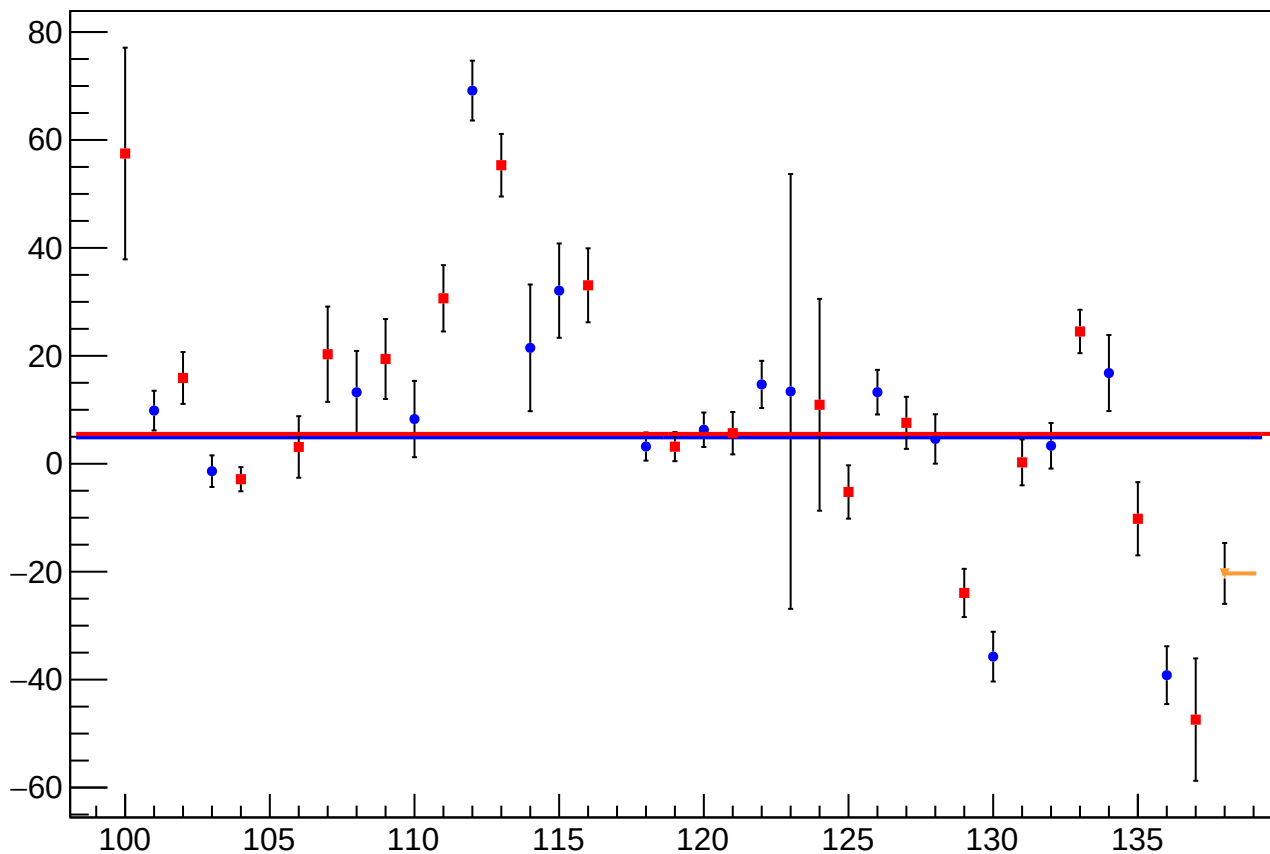
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -232.456+/-5.680 χ^2/NDF : 0.0/0

All: -232.456+/-5.680 χ^2/NDF : 0.0/0

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: -20.320 ± 5.641 χ^2/NDF : 0.0/0

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -20.320 ± 5.641 χ^2/NDF : 0.0/0

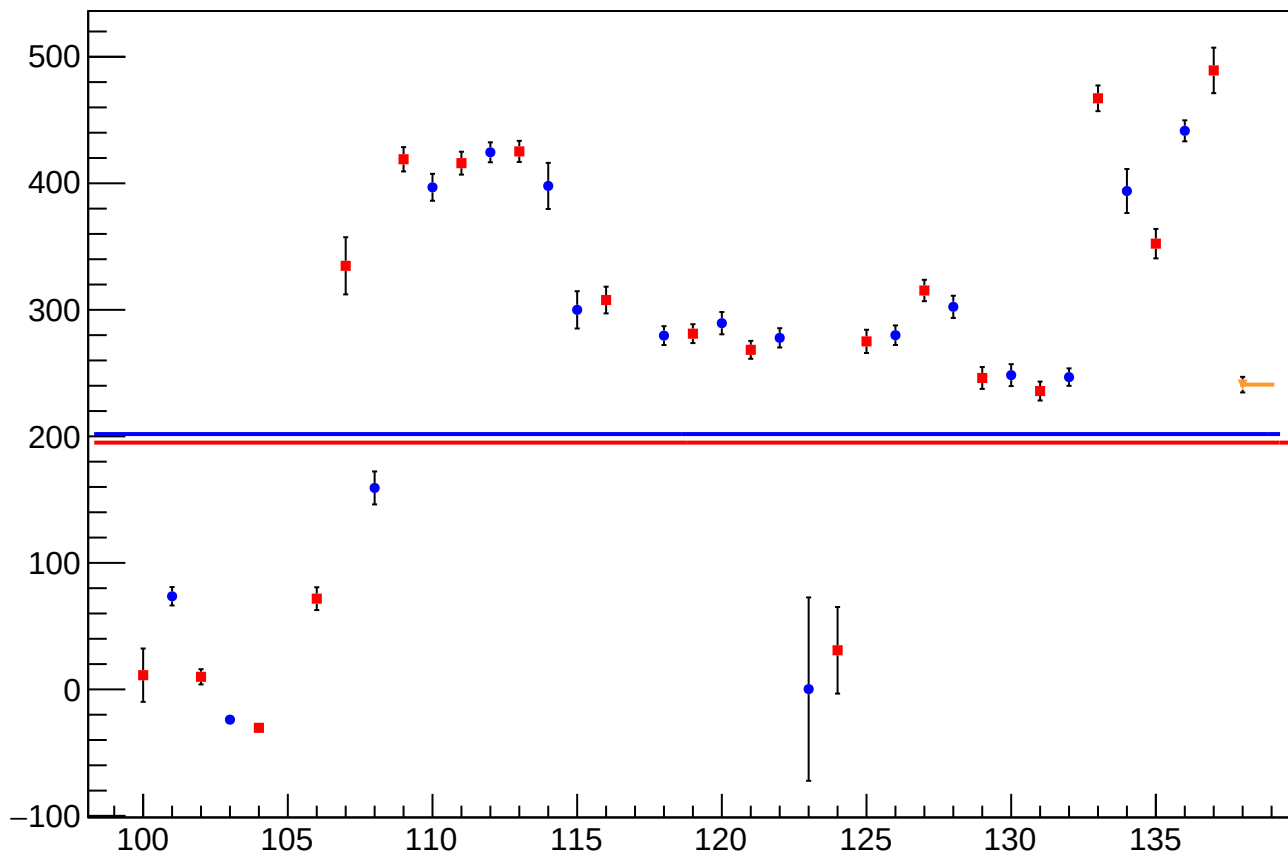
Right: 5.220 ± 0.764 χ^2/NDF : 551.3/35

In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Out: 4.634 ± 1.052 χ^2/NDF : 259.4/19

All: 4.761 ± 0.757 χ^2/NDF : 571.4/36

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: 240.873 $\pm$ 6.158 χ^2 /NDF:0.0/0

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 240.873 $\pm$ 6.158 χ^2 /NDF: 0.0/0

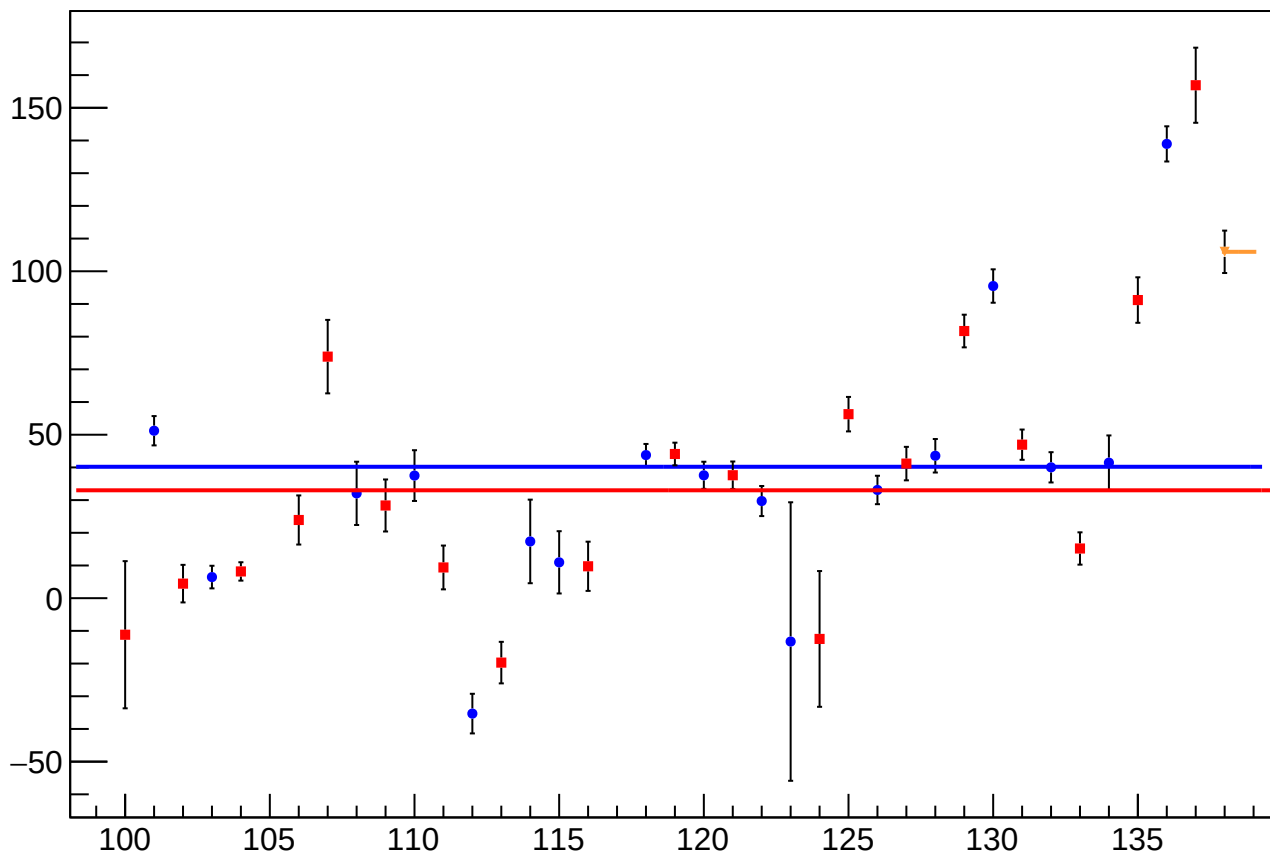
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 201.807 $\pm$ 1.970 χ^2 /NDF:6754.2/16

Out: 199.130 $\pm$ 1.837 χ^2 /NDF:8307.5/19

All: 200.375 $\pm$ 1.344 χ^2 /NDF: 15062.8/36

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196+/-1.268 χ^2/NDF : 735.0/16

Left Out: 105.948+/-6.484 χ^2/NDF : 0.0/0

Right Out: 32.999+/-1.253 χ^2/NDF : 554.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 105.948+/-6.484 χ^2/NDF : 0.0/0

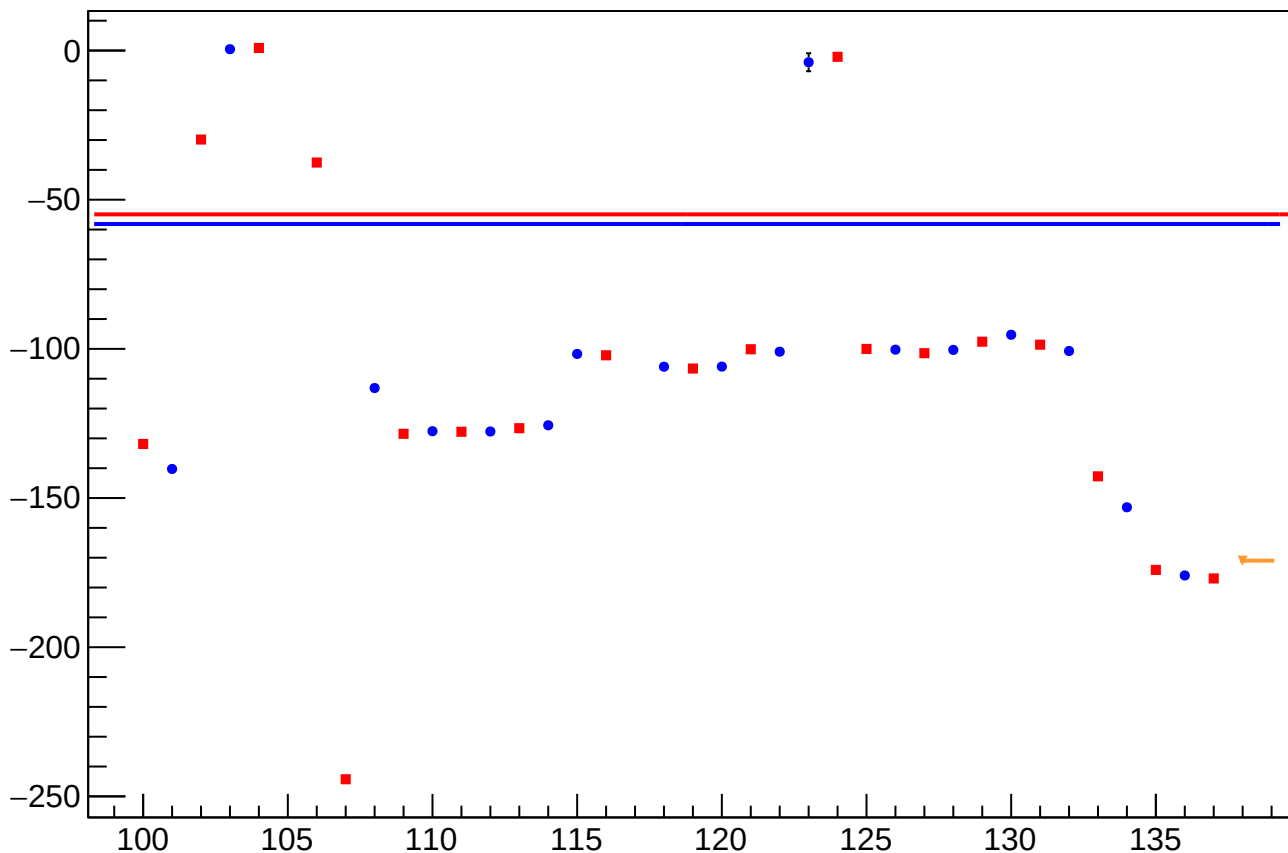
Right: 36.555+/-0.891 χ^2/NDF : 1305.3/35

In: 40.196+/-1.268 χ^2/NDF : 735.0/16

Out: 35.623+/-1.230 χ^2/NDF : 676.1/19

All: 37.841+/-0.883 χ^2/NDF : 1417.8/36

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: -170.990+/-0.244 χ^2/NDF : 0.0/0

Right Out: -54.914+/-0.060 χ^2/NDF : 1003885.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -170.990+/-0.244 χ^2/NDF : 0.0/0

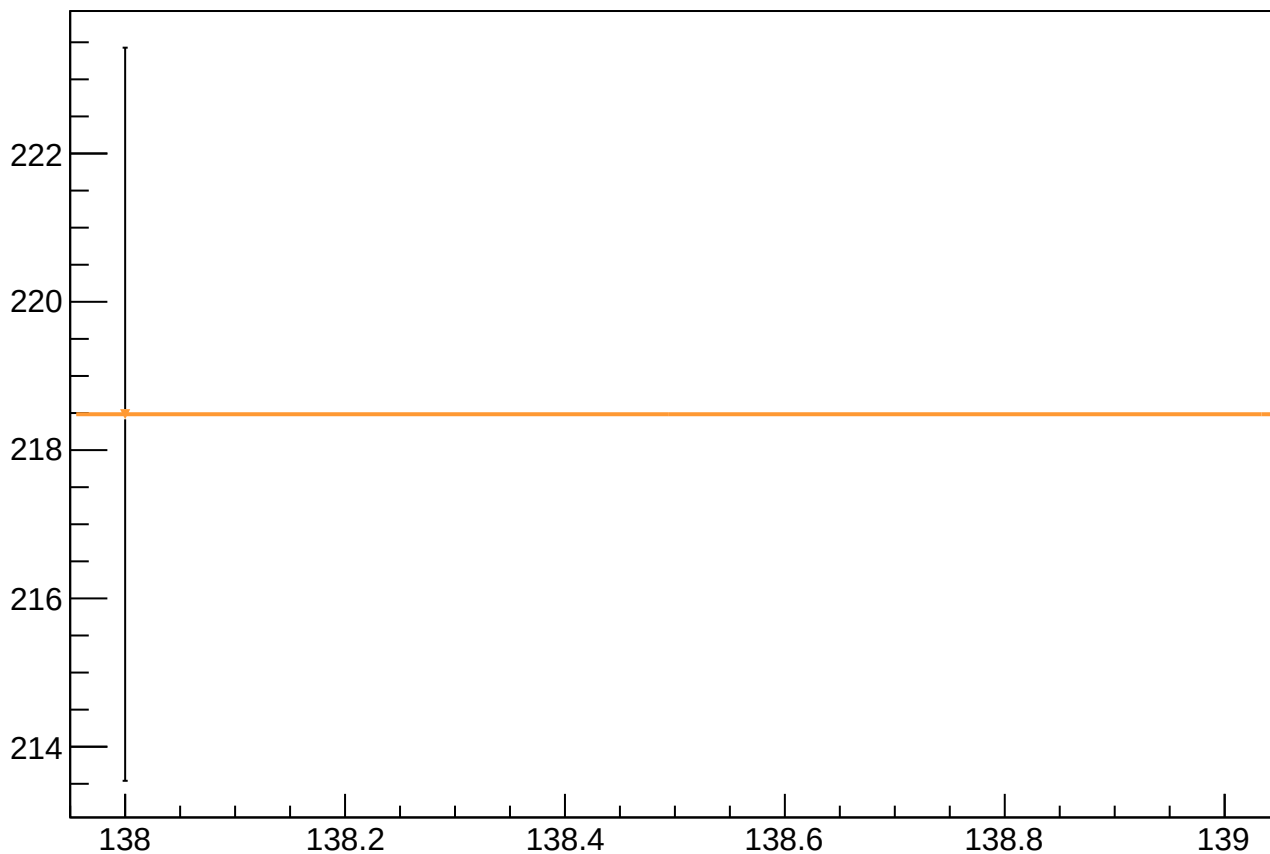
Right: -56.499+/-0.043 χ^2/NDF : 2110811.0/35

In: -58.155+/-0.062 χ^2/NDF : 1105509.3/16

Out: -61.572+/-0.058 χ^2/NDF : 1216978.1/19

All: -59.952+/-0.042 χ^2/NDF : 2324106.3/36

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: 218.484+/-4.943 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: 218.484+/-4.943 χ^2/NDF : 0.0/0

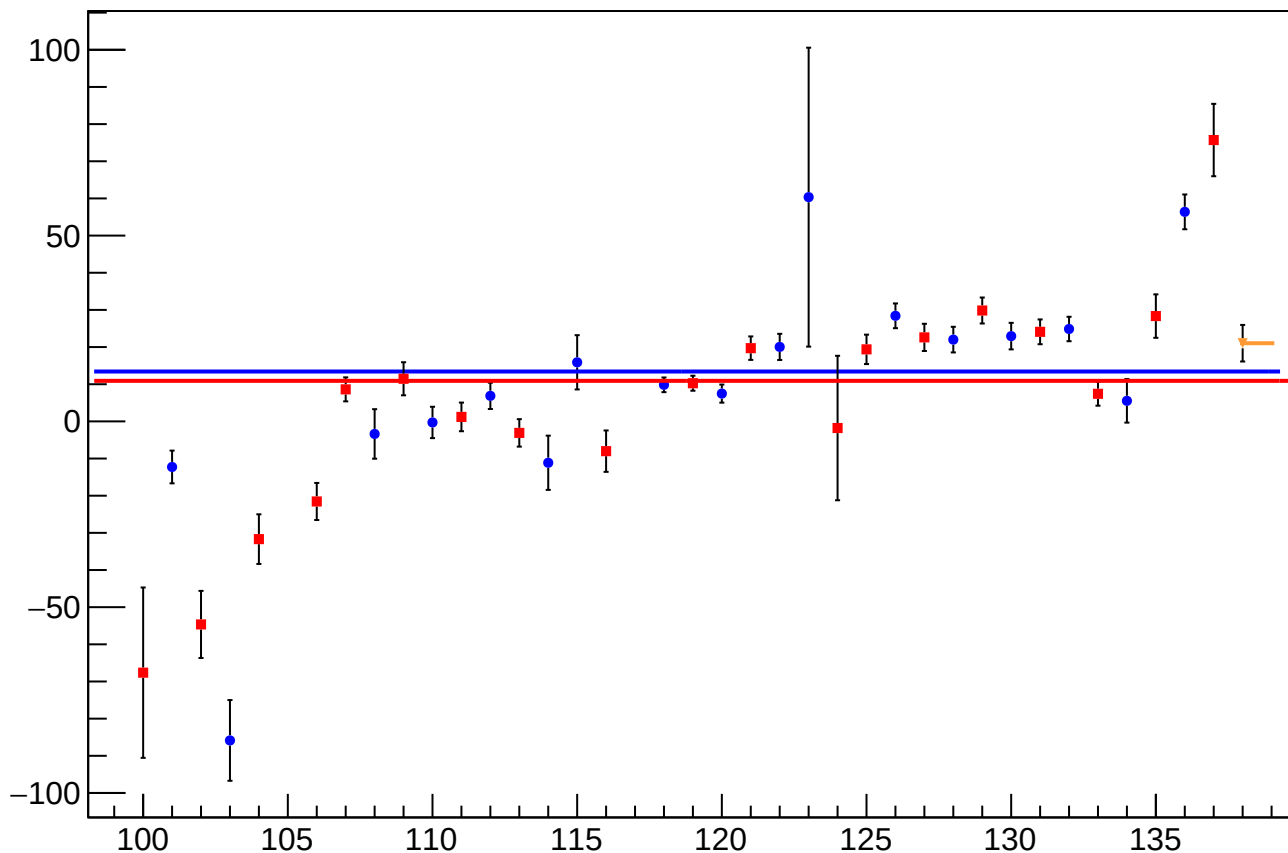
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 218.484+/-4.943 χ^2/NDF : 0.0/0

All: 218.484+/-4.943 χ^2/NDF : 0.0/0

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: 21.037+/-4.923 χ^2/NDF : 0.0/0

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 21.037+/-4.923 χ^2/NDF : 0.0/0

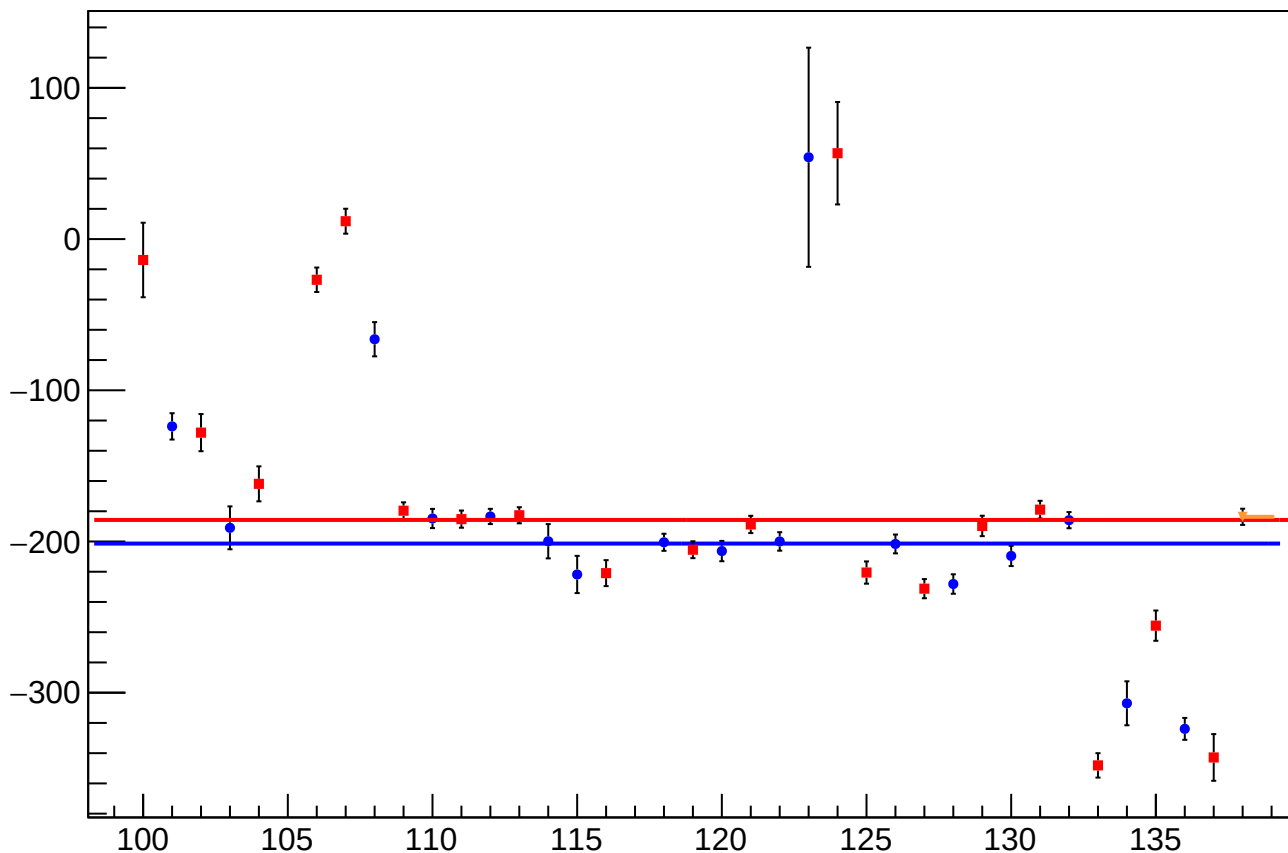
Right: 12.160+/-0.649 χ^2/NDF : 601.6/35

In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Out: 11.247+/-0.901 χ^2/NDF : 306.7/19

All: 12.312+/-0.643 χ^2/NDF : 604.8/36

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -183.674 ± 5.359 χ^2/NDF : 0.0/0

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -183.674 ± 5.359 χ^2/NDF : 0.0/0

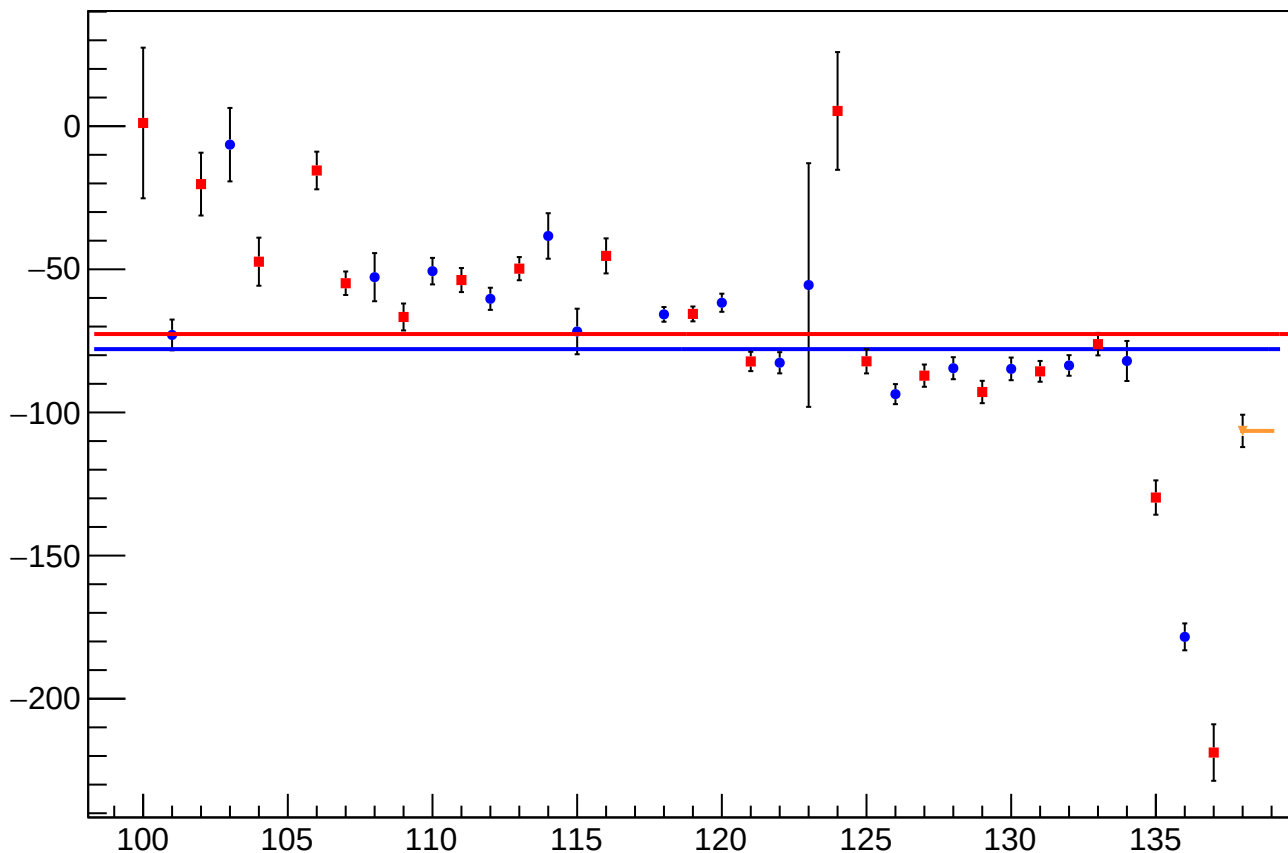
Right: -193.204 ± 1.229 χ^2/NDF : 2413.2/35

In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Out: -185.550 ± 1.620 χ^2/NDF : 1749.4/19

All: -192.728 ± 1.198 χ^2/NDF : 2416.2/36

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: -106.447 ± 5.654 χ^2/NDF : 0.0/0

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -106.447 ± 5.654 χ^2/NDF : 0.0/0

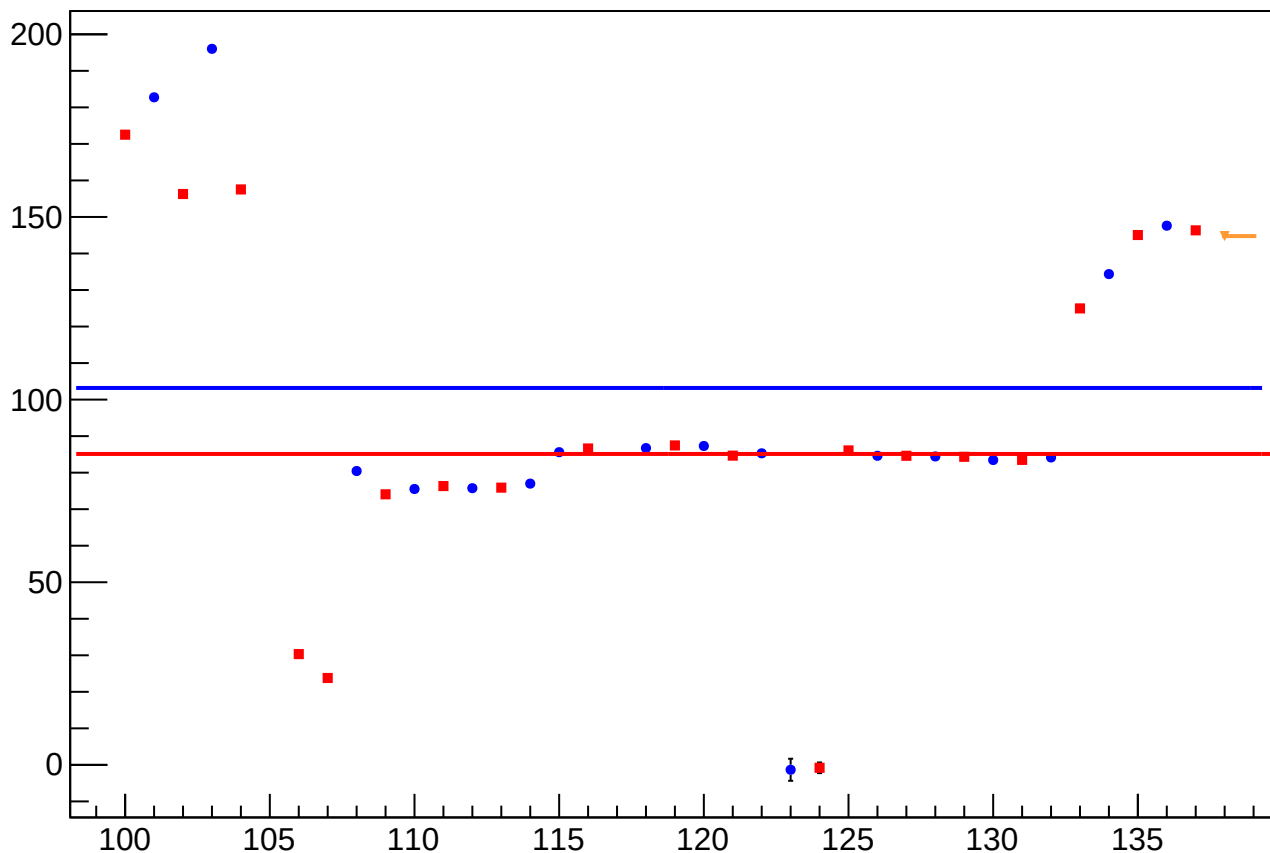
Right: -75.215 ± 0.749 χ^2/NDF : 1277.4/35

In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Out: -73.748 ± 1.036 χ^2/NDF : 641.5/19

All: -75.754 ± 0.743 χ^2/NDF : 1307.4/36

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: 144.759 $\pm$ 0.212 χ^2 /NDF:0.0/0

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 144.759 $\pm$ 0.212 χ^2 /NDF: 0.0/0

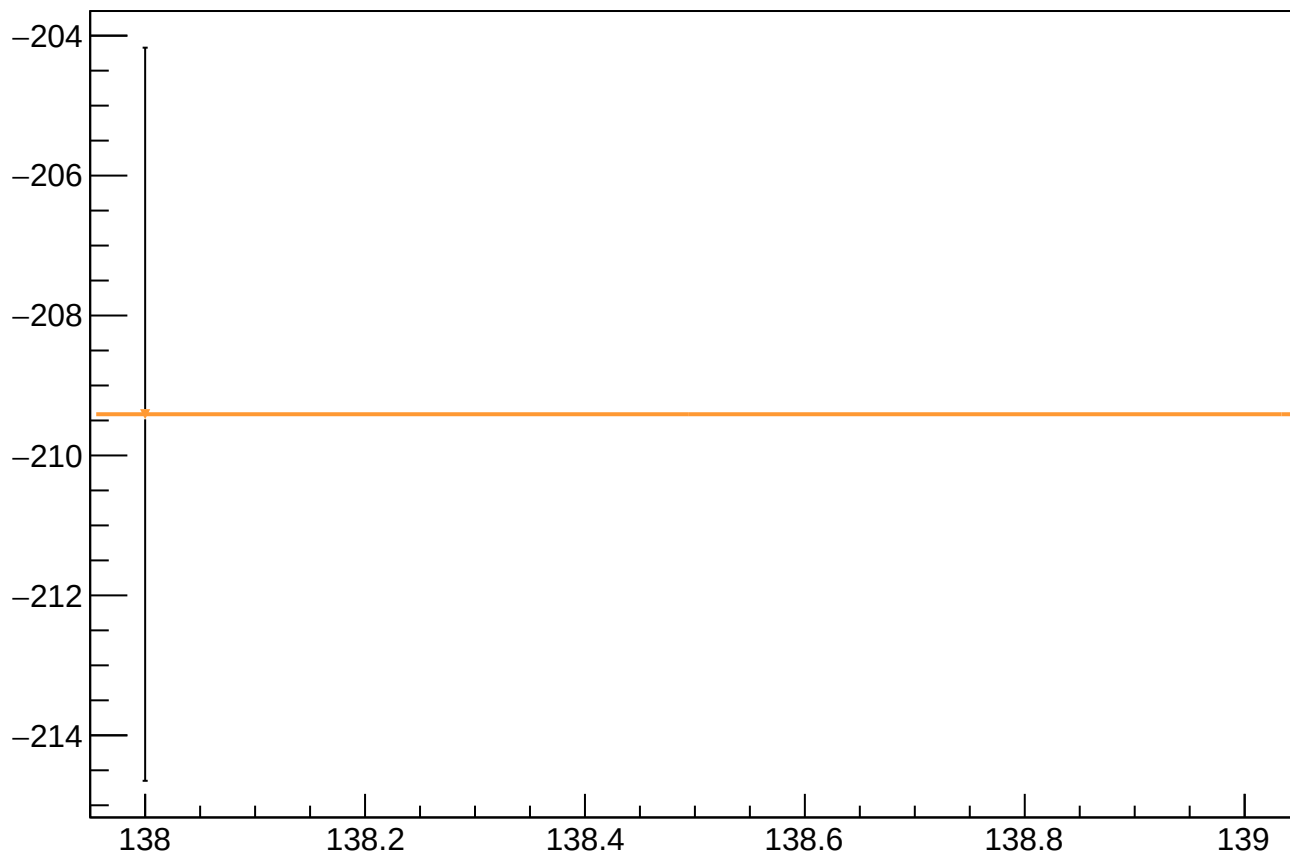
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733347.5/35

In: 103.188 $\pm$ 0.070 χ^2 /NDF:273587.8/16

Out: 90.051 $\pm$ 0.061 χ^2 /NDF:495918.9/19

All: 95.694 $\pm$ 0.046 χ^2 /NDF: 789408.8/36

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: -209.411+/-5.239 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: -209.411+/-5.239 χ^2/NDF : 0.0/0

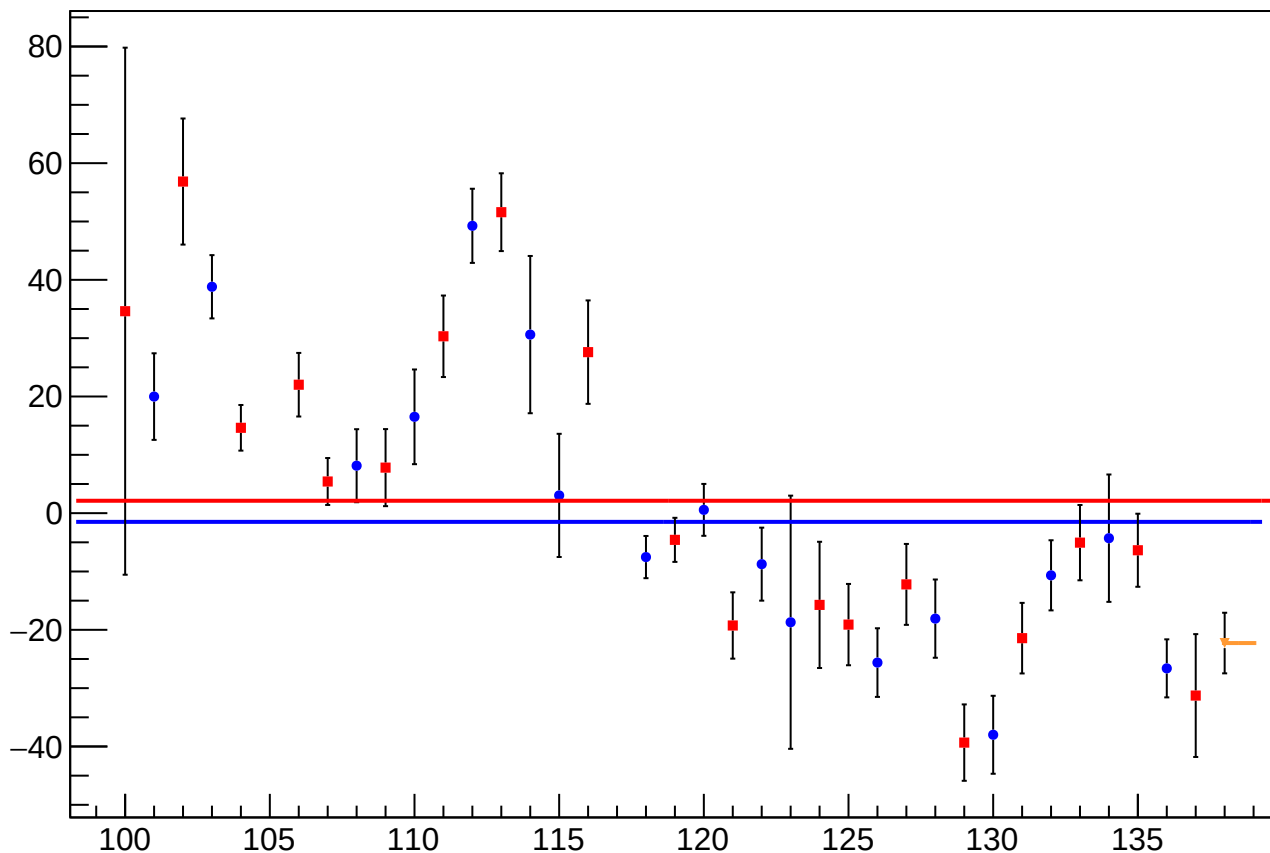
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -209.411+/-5.239 χ^2/NDF : 0.0/0

All: -209.411+/-5.239 χ^2/NDF : 0.0/0

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: -22.268+/-5.195 χ^2/NDF :0.0/0

Right Out: 2.127+/-1.402 χ^2/NDF : 232.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: -22.268+/-5.195 χ^2/NDF : 0.0/0

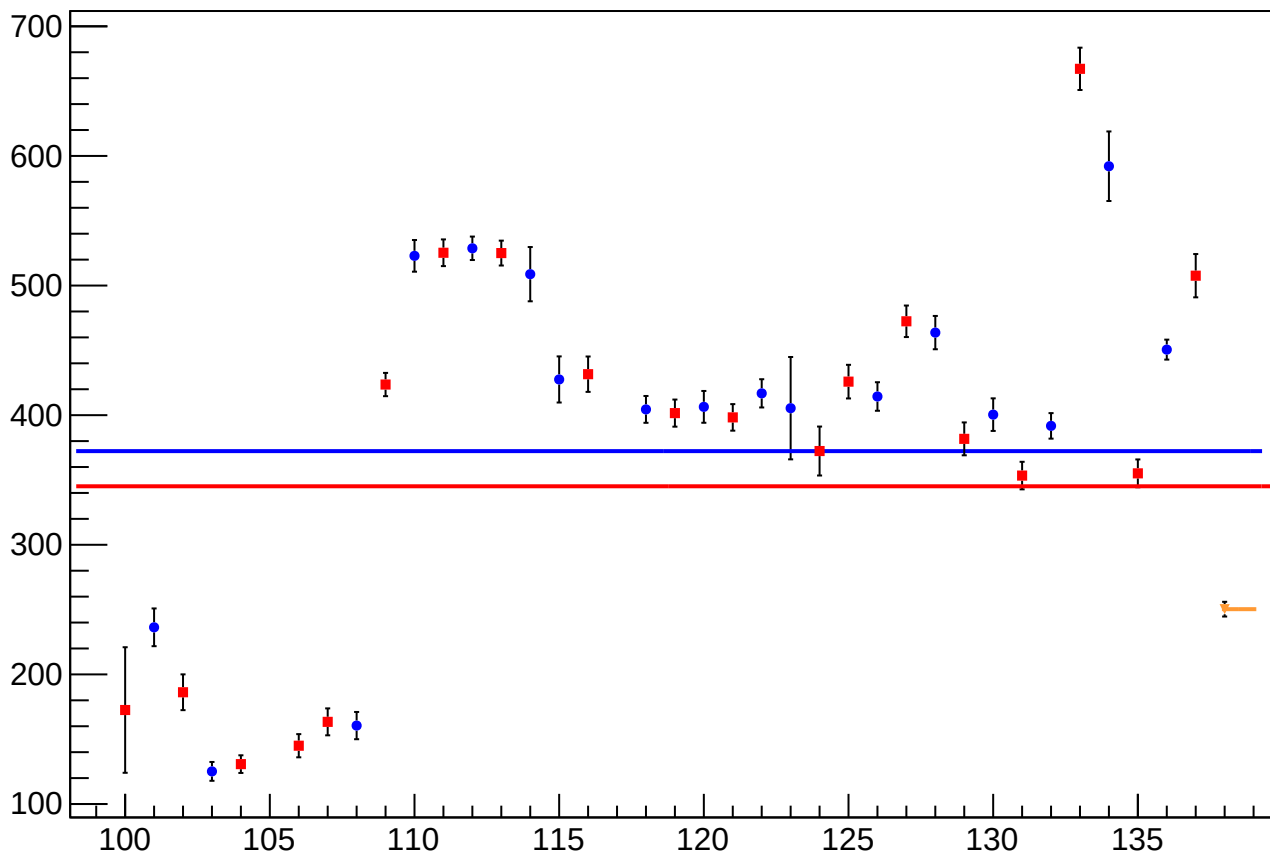
Right: 0.455+/-1.029 χ^2/NDF : 461.8/35

In: -1.492+/-1.513 χ^2/NDF :226.1/16

Out: 0.470+/-1.354 χ^2/NDF :253.2/19

All: -0.402+/-1.009 χ^2/NDF : 480.2/36

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263+/-2.759 χ^2/NDF : 2433.1/16

Left Out: 250.327+/-5.680 χ^2/NDF : 0.0/0

Right Out: 345.135+/-2.562 χ^2/NDF : 3416.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 250.327+/-5.680 χ^2/NDF : 0.0/0

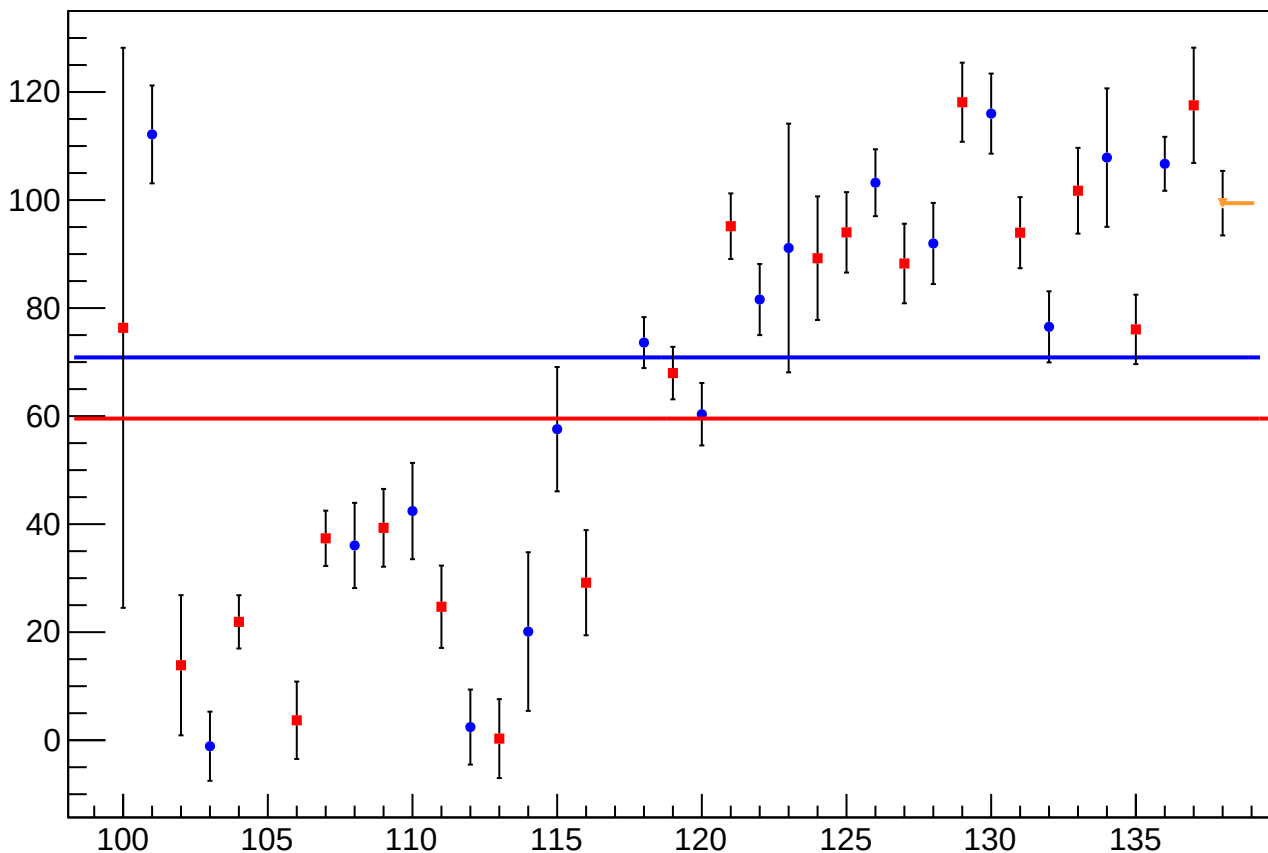
Right: 357.695+/-1.878 χ^2/NDF : 5901.5/35

In: 372.263+/-2.759 χ^2/NDF : 2433.1/16

Out: 329.103+/-2.335 χ^2/NDF : 3648.0/19

All: 347.116+/-1.783 χ^2/NDF : 6223.7/36

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: 99.422 $\pm$ 5.973 χ^2 /NDF:0.0/0

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 99.422 $\pm$ 5.973 χ^2 /NDF: 0.0/0

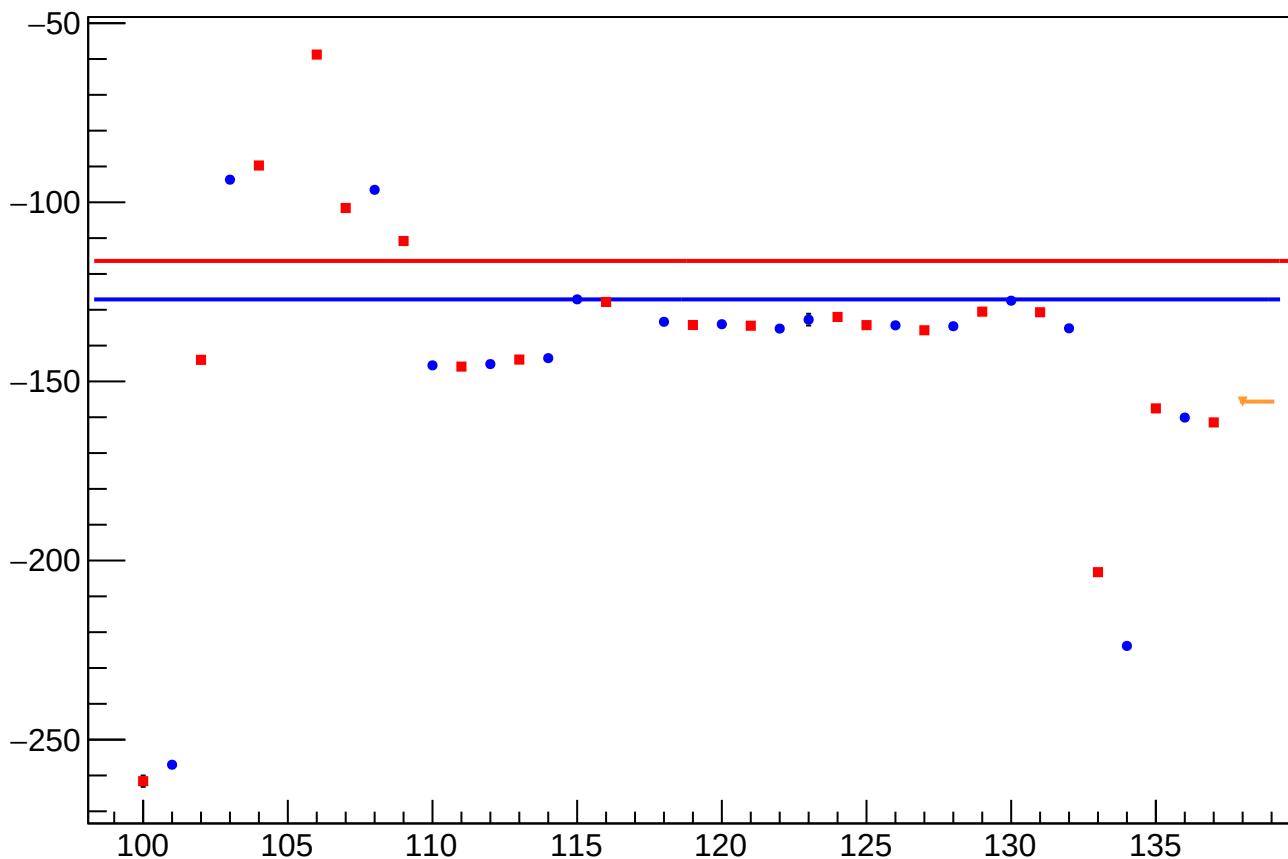
Right: 64.838 $\pm$ 1.192 χ^2 /NDF: 940.3/35

In: 70.867 $\pm$ 1.743 χ^2 /NDF:427.0/16

Out: 62.320 $\pm$ 1.575 χ^2 /NDF:532.3/19

All: 66.162 $\pm$ 1.169 χ^2 /NDF: 972.6/36

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: -155.633+/-0.225 χ^2/NDF : 0.0/0

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -155.633+/-0.225 χ^2/NDF : 0.0/0

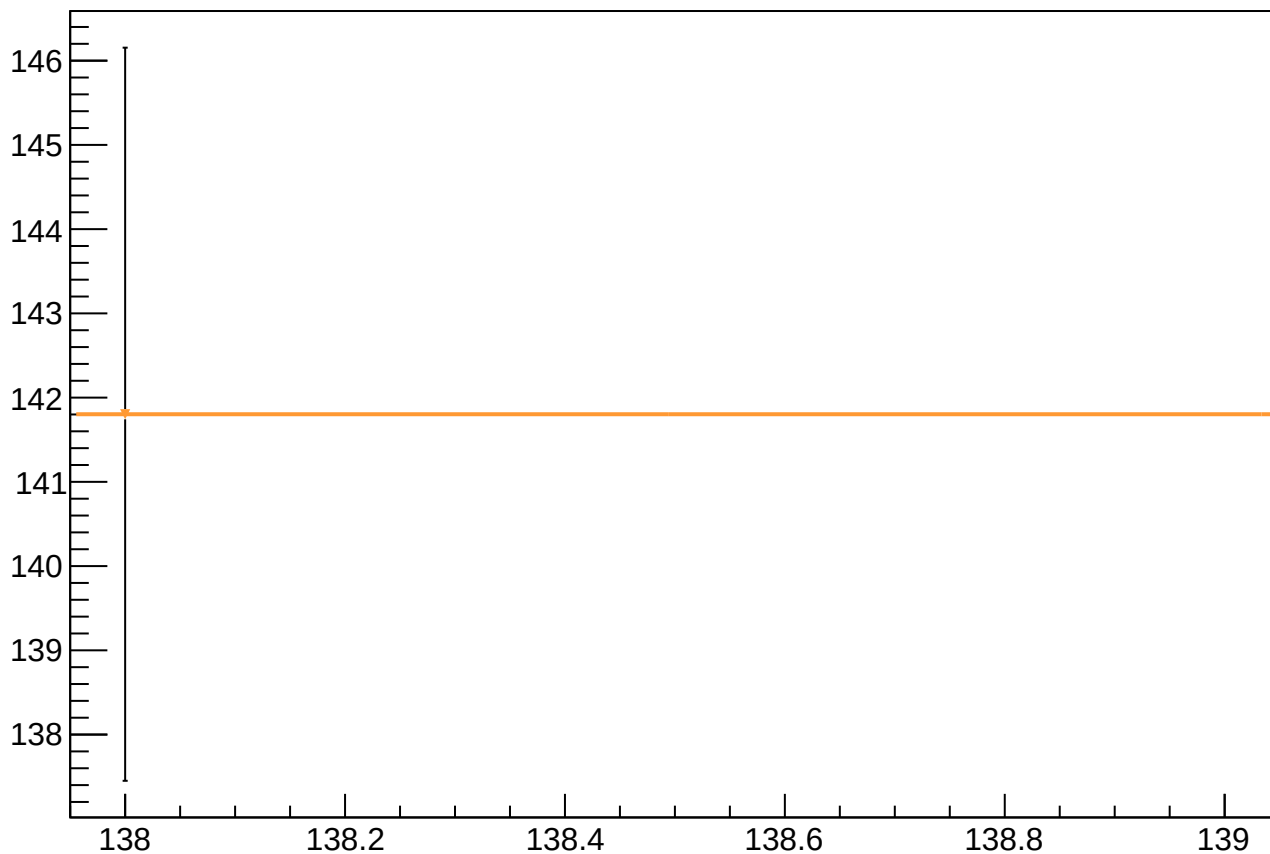
Right: -121.332+/-0.061 χ^2/NDF : 342408.2/35

In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Out: -121.048+/-0.078 χ^2/NDF : 194314.9/19

All: -123.658+/-0.059 χ^2/NDF : 363989.1/36

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 141.803+/-4.352 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: 141.803+/-4.352 χ^2/NDF : 0.0/0

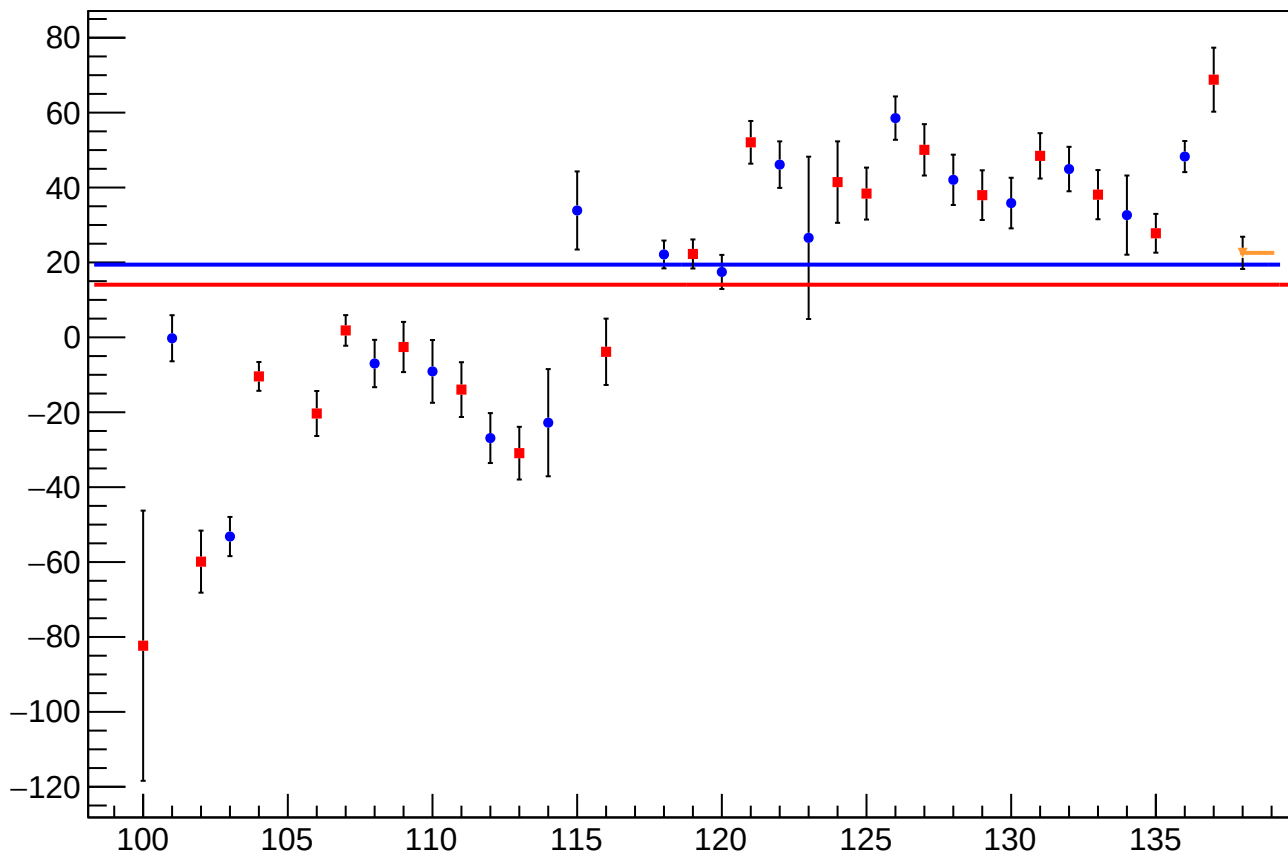
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 141.803+/-4.352 χ^2/NDF : 0.0/0

All: 141.803+/-4.352 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416+/-1.480 χ^2 /NDF: 441.1/16

Left Out: 22.557+/-4.306 χ^2 /NDF:0.0/0

Right Out: 14.055+/-1.392 χ^2 /NDF: 436.5/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 22.557+/-4.306 χ^2 /NDF: 0.0/0

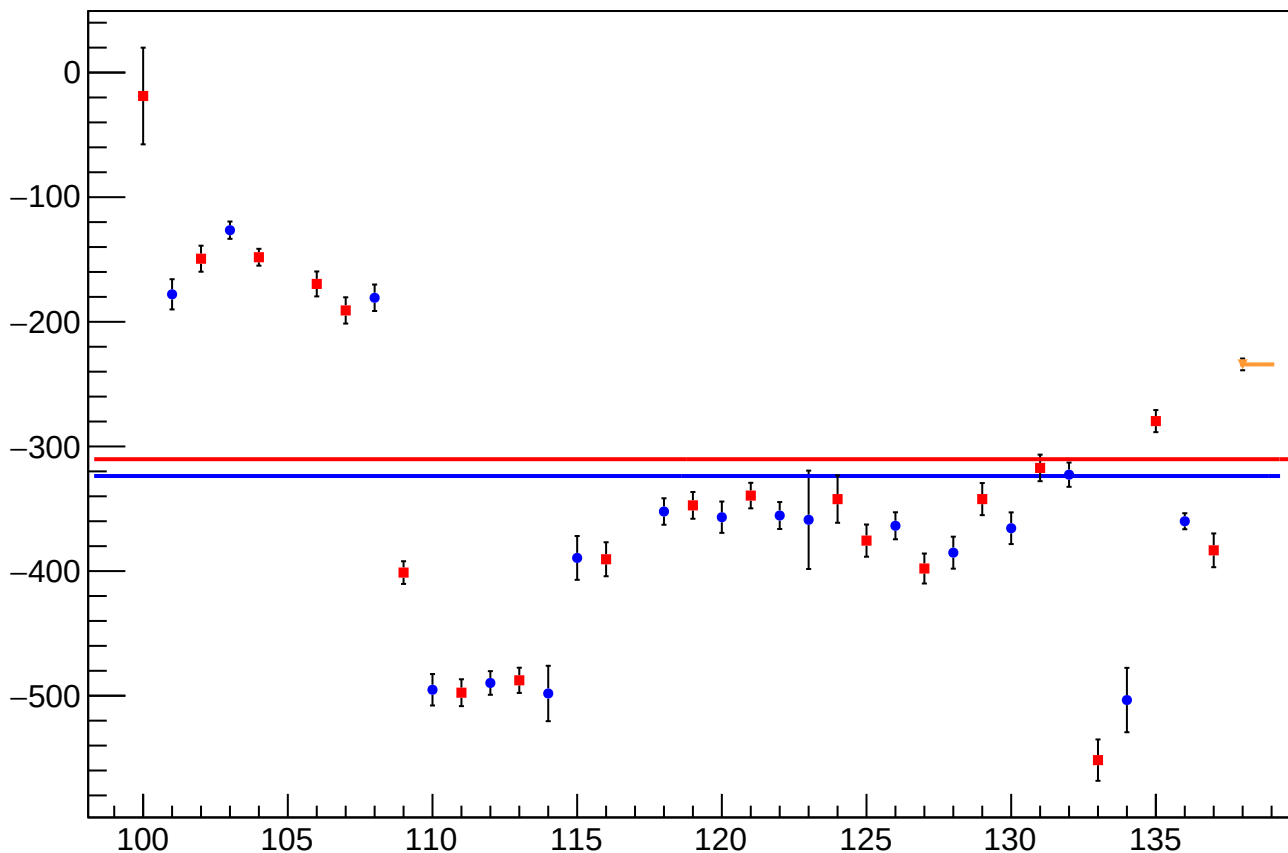
Right: 16.572+/-1.014 χ^2 /NDF: 884.6/35

In: 19.416+/-1.480 χ^2 /NDF:441.1/16

Out: 14.860+/-1.325 χ^2 /NDF:440.1/19

All: 16.886+/-0.987 χ^2 /NDF: 886.4/36

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: -234.175+/-4.717 χ^2/NDF : 0.0/0

Right Out: -310.223+/-2.523 χ^2/NDF : 2300.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -234.175+/-4.717 χ^2/NDF : 0.0/0

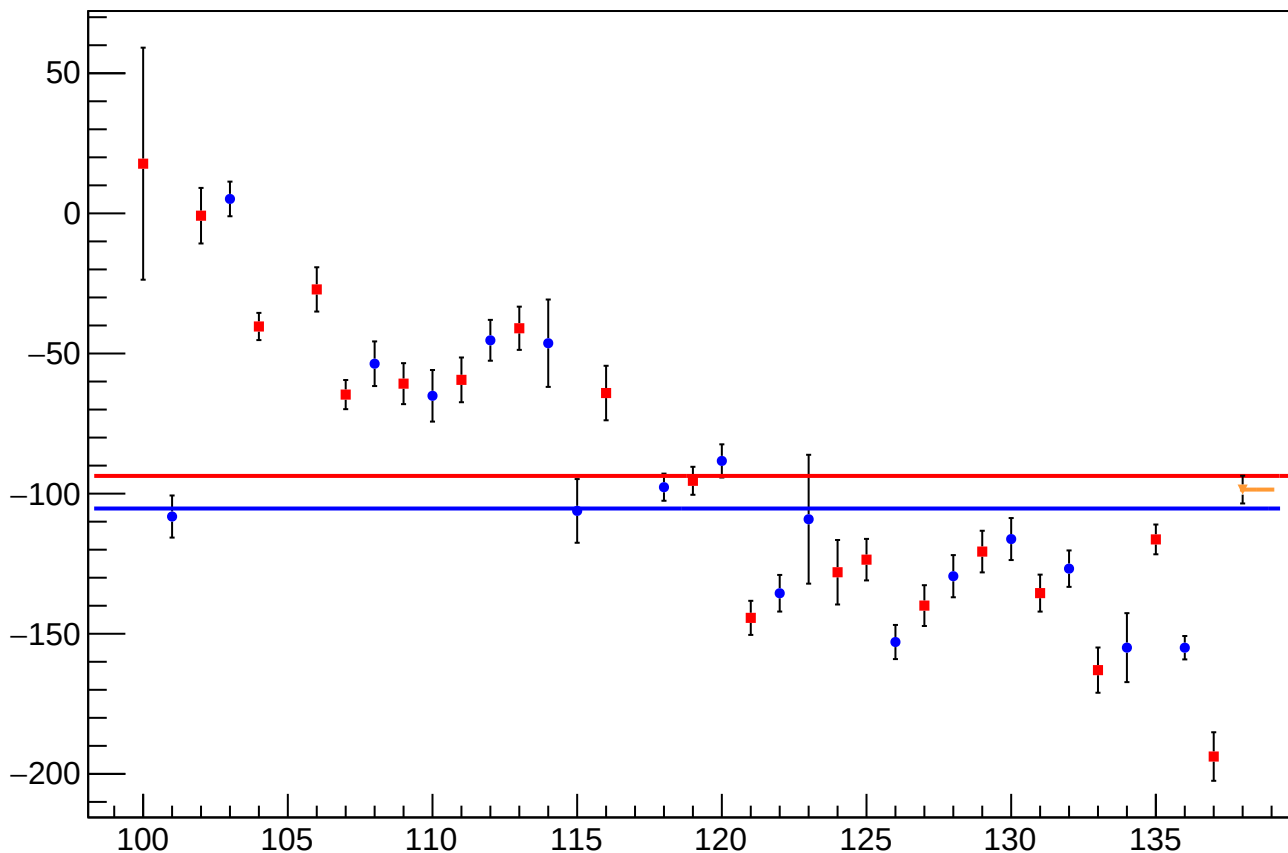
Right: -316.595+/-1.833 χ^2/NDF : 4164.2/35

In: -323.721+/-2.668 χ^2/NDF : 1850.8/16

Out: -293.310+/-2.225 χ^2/NDF : 2502.1/19

All: -305.782+/-1.709 χ^2/NDF : 4429.4/36

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: -98.557+/-4.951 χ^2/NDF : 0.0/0

Right Out: -93.680+/-1.612 χ^2/NDF : 826.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -98.557+/-4.951 χ^2/NDF : 0.0/0

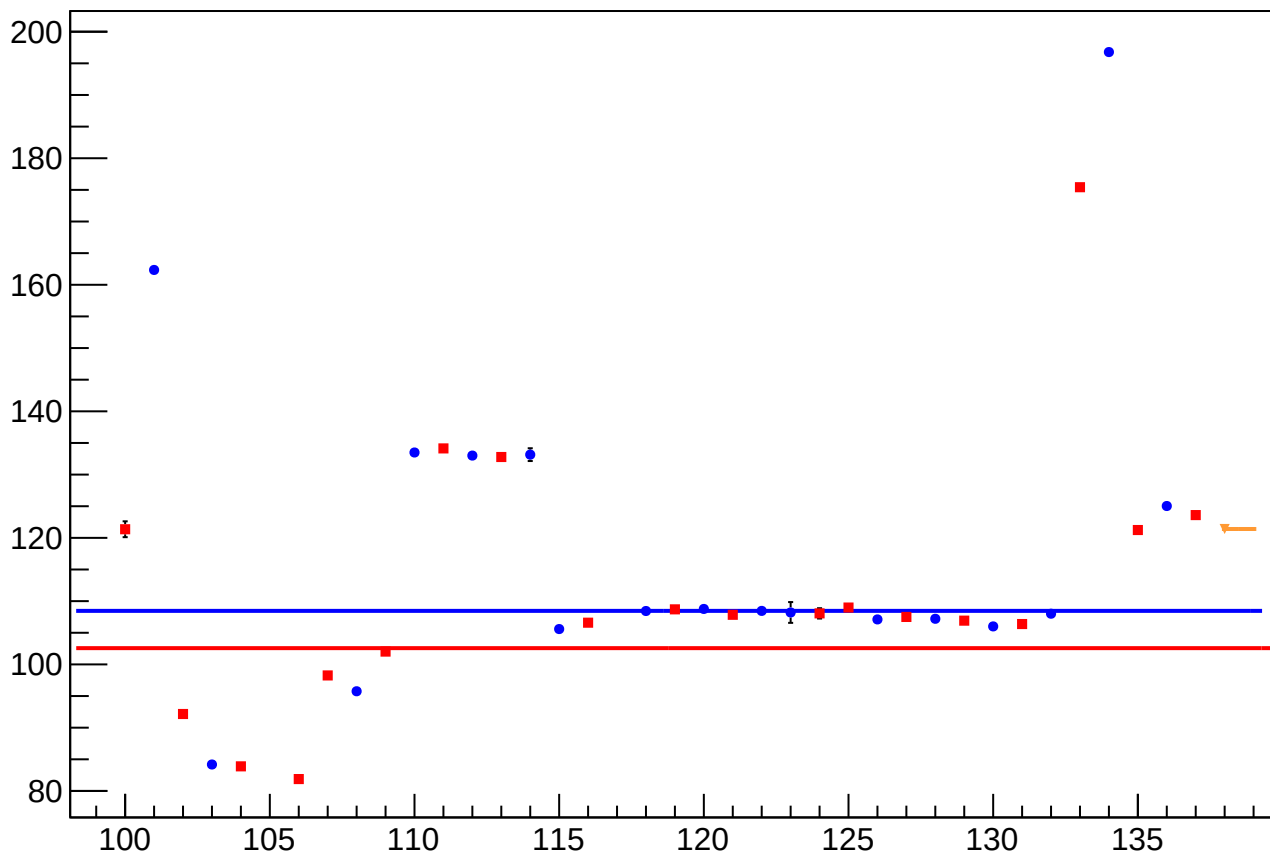
Right: -99.207+/-1.167 χ^2/NDF : 1588.8/35

In: -105.309+/-1.693 χ^2/NDF : 737.5/16

Out: -94.147+/-1.532 χ^2/NDF : 827.4/19

All: -99.173+/-1.136 χ^2/NDF : 1588.8/36

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: 121.402+/-0.187 χ^2/NDF : 0.0/0

Right Out: 102.570+/-0.079 χ^2/NDF : 53143.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 121.402+/-0.187 χ^2/NDF : 0.0/0

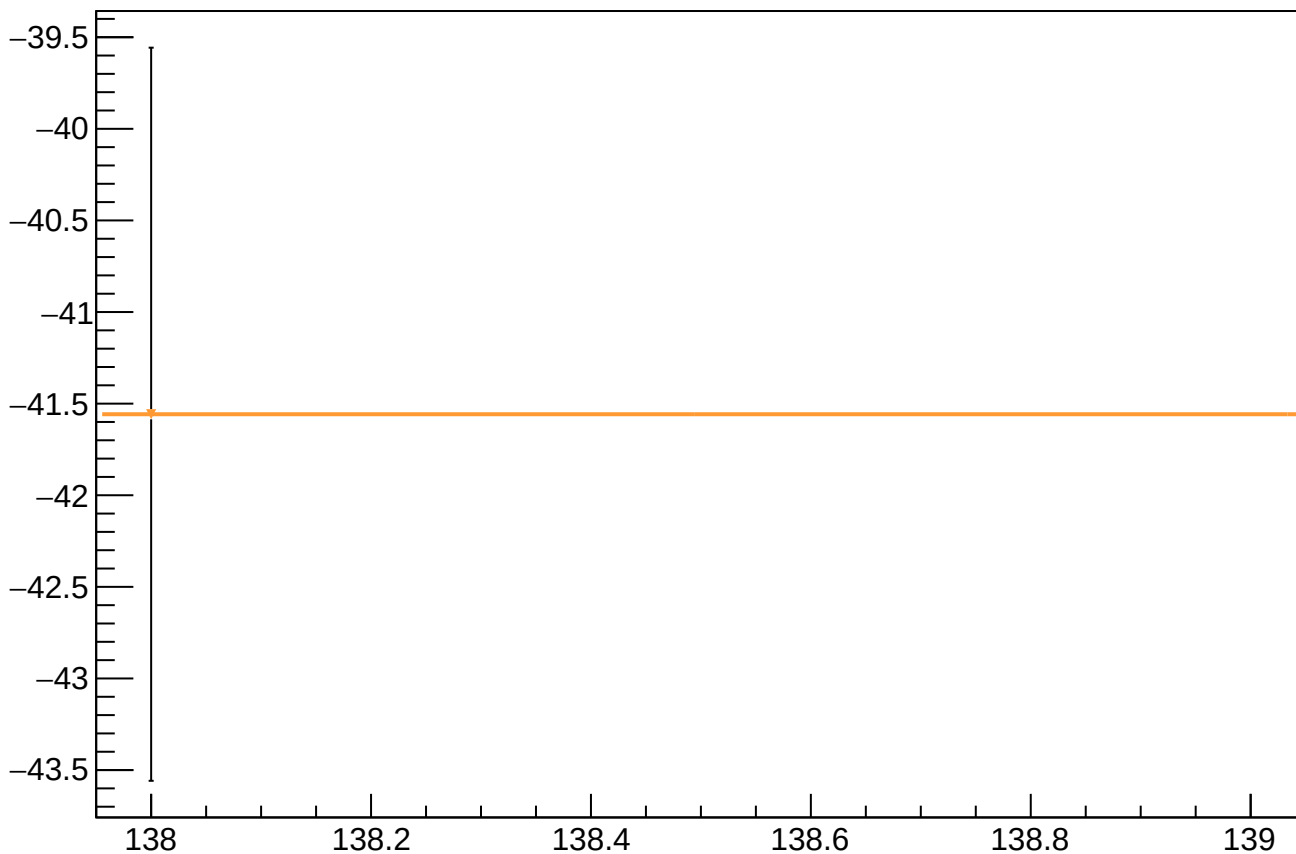
Right: 105.327+/-0.058 χ^2/NDF : 129018.0/35

In: 108.461+/-0.085 χ^2/NDF : 73302.1/16

Out: 105.441+/-0.073 χ^2/NDF : 61706.6/19

All: 106.731+/-0.055 χ^2/NDF : 135736.6/36

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: -41.558+/-2.001 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: -41.558+/-2.001 χ^2/NDF : 0.0/0

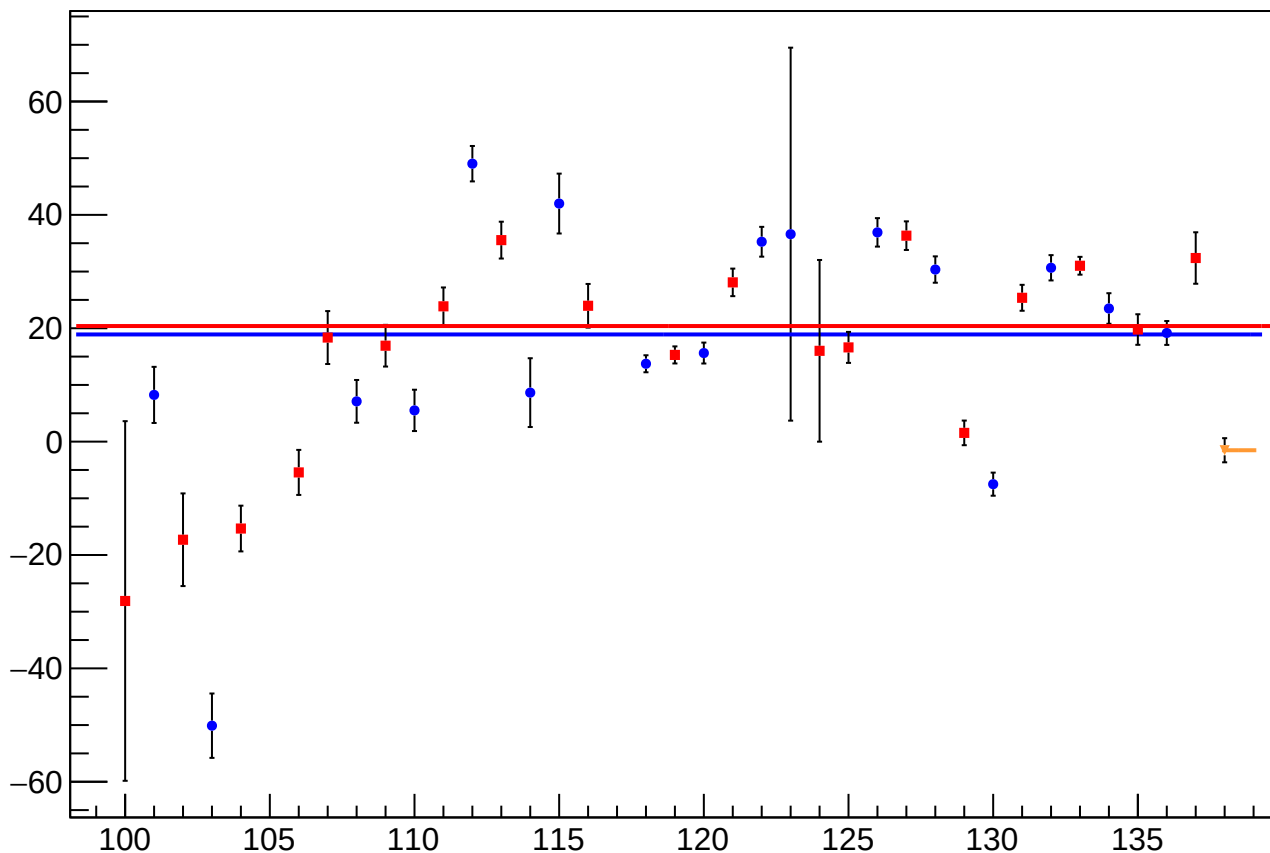
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -41.558+/-2.001 χ^2/NDF : 0.0/0

All: -41.558+/-2.001 χ^2/NDF : 0.0/0

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: -1.521 $\pm$ 2.130 χ^2 /NDF:0.0/0

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: -1.521 $\pm$ 2.130 χ^2 /NDF: 0.0/0

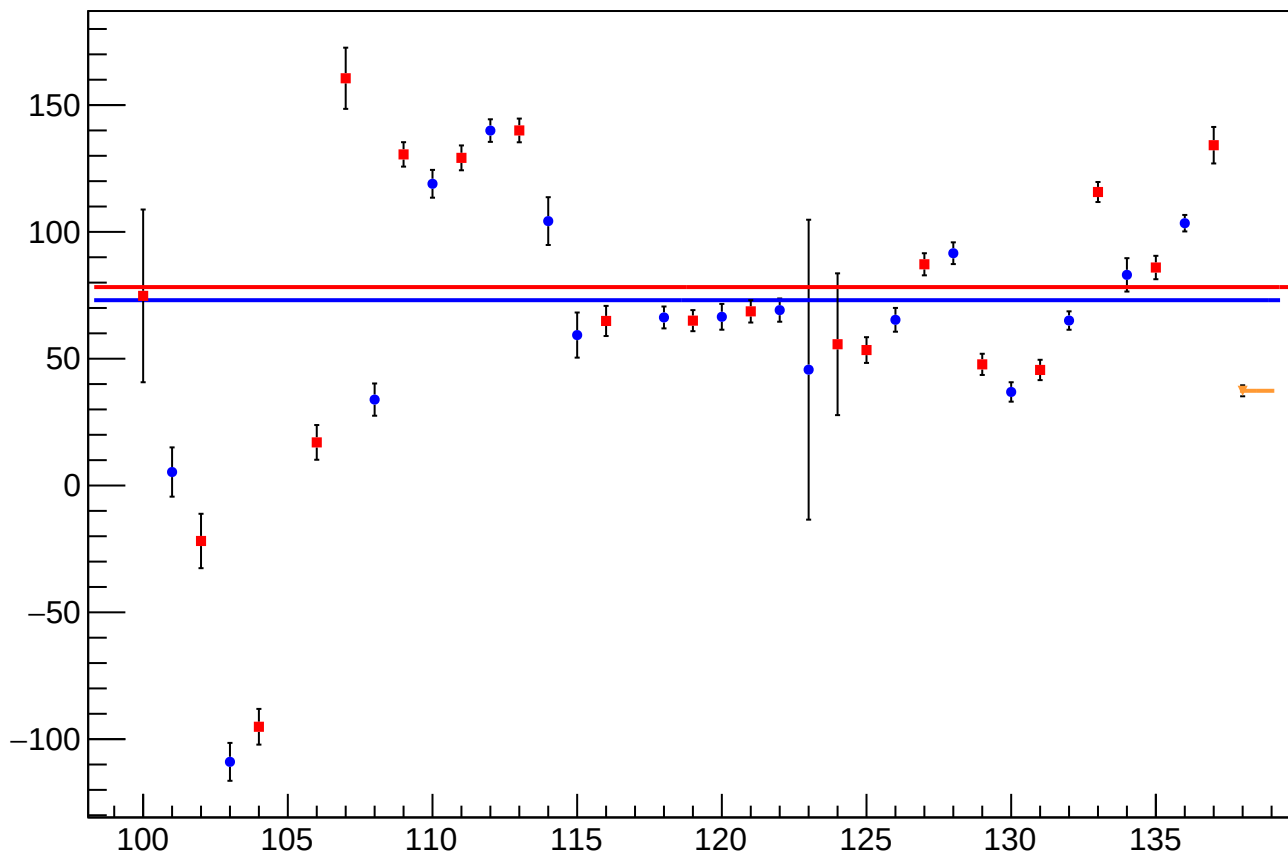
Right: 19.648 $\pm$ 0.455 χ^2 /NDF: 986.9/35

In: 18.906 $\pm$ 0.644 χ^2 /NDF:618.9/16

Out: 18.556 $\pm$ 0.616 χ^2 /NDF:462.2/19

All: 18.723 $\pm$ 0.445 χ^2 /NDF: 1081.3/36

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071+/-1.228 χ^2 /NDF: 1200.0/16

Left Out: 37.350+/-2.170 χ^2 /NDF:0.0/0

Right Out: 78.241+/-1.223 χ^2 /NDF: 1542.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 37.350+/-2.170 χ^2 /NDF: 0.0/0

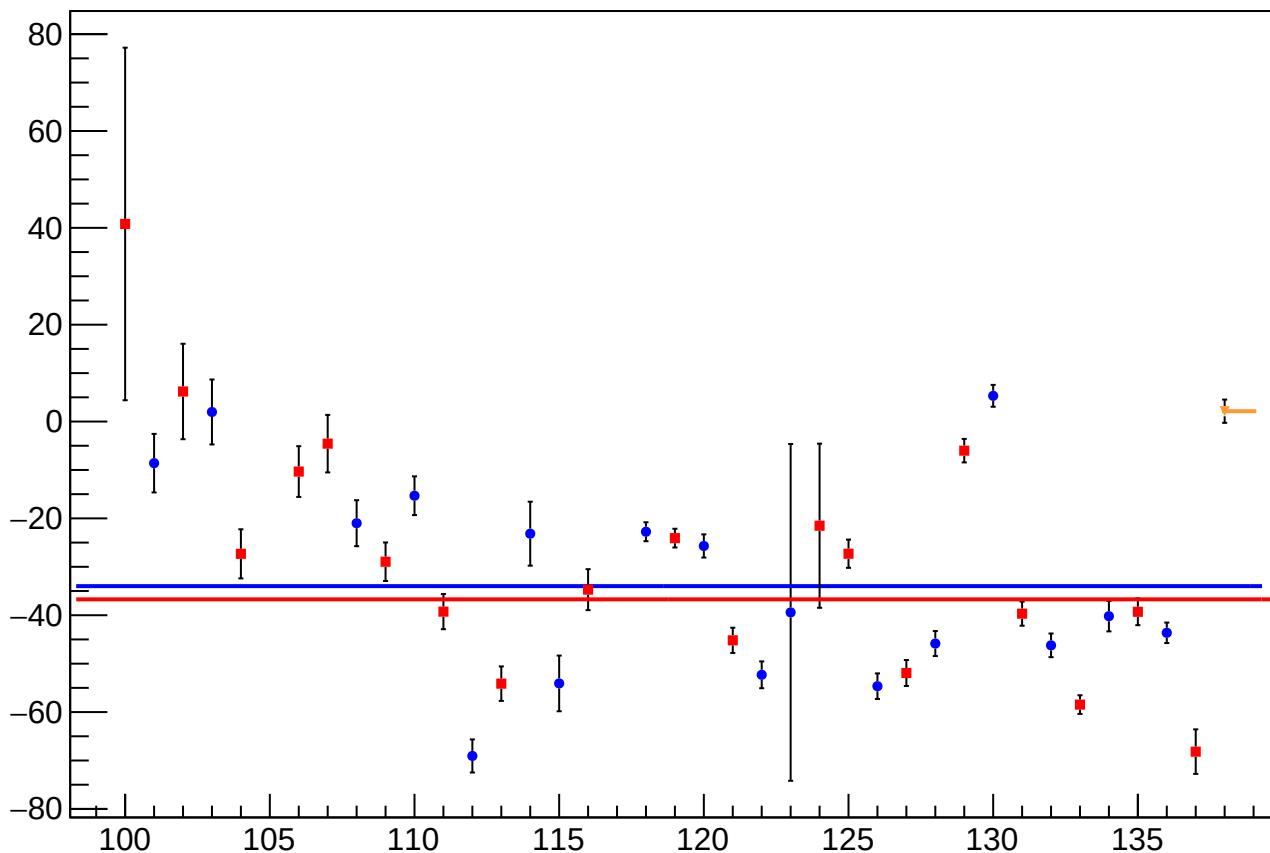
Right: 75.667+/-0.866 χ^2 /NDF: 2751.5/35

In: 73.071+/-1.228 χ^2 /NDF:1200.0/16

Out: 68.390+/-1.065 χ^2 /NDF:1812.2/19

All: 70.400+/-0.805 χ^2 /NDF: 3020.4/36

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: 2.136 ± 2.401 χ^2/NDF : 0.0/0

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 2.136 ± 2.401 χ^2/NDF : 0.0/0

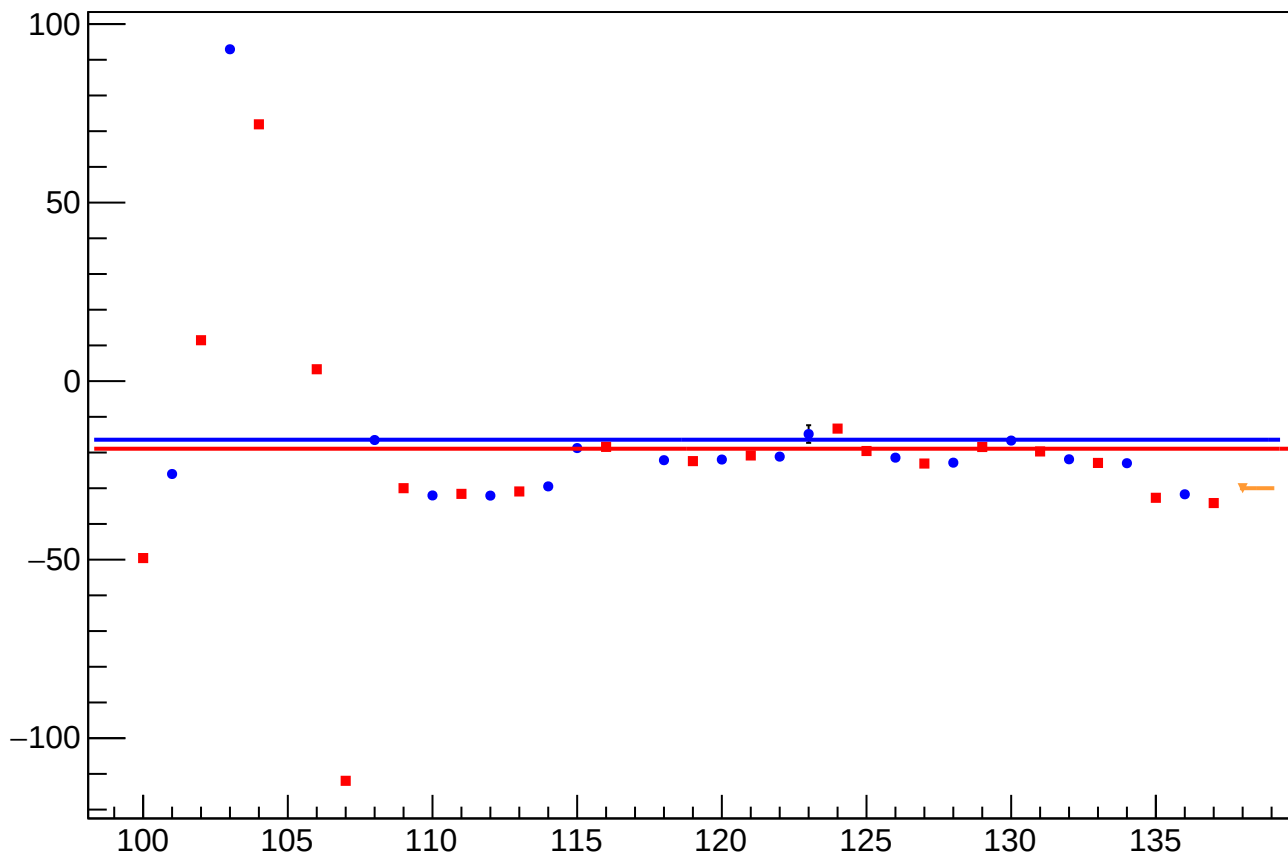
Right: -35.354 ± 0.521 χ^2/NDF : 1269.6/35

In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Out: -33.376 ± 0.704 χ^2/NDF : 782.2/19

All: -33.670 ± 0.509 χ^2/NDF : 1502.4/36

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408 $\pm$ 0.044 χ^2 /NDF: 474368.4/16

Left Out: -29.993 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Right Out: -18.934 $\pm$ 0.045 χ^2 /NDF: 434152.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: -29.993 $\pm$ 0.084 χ^2 /NDF: 0.0/0

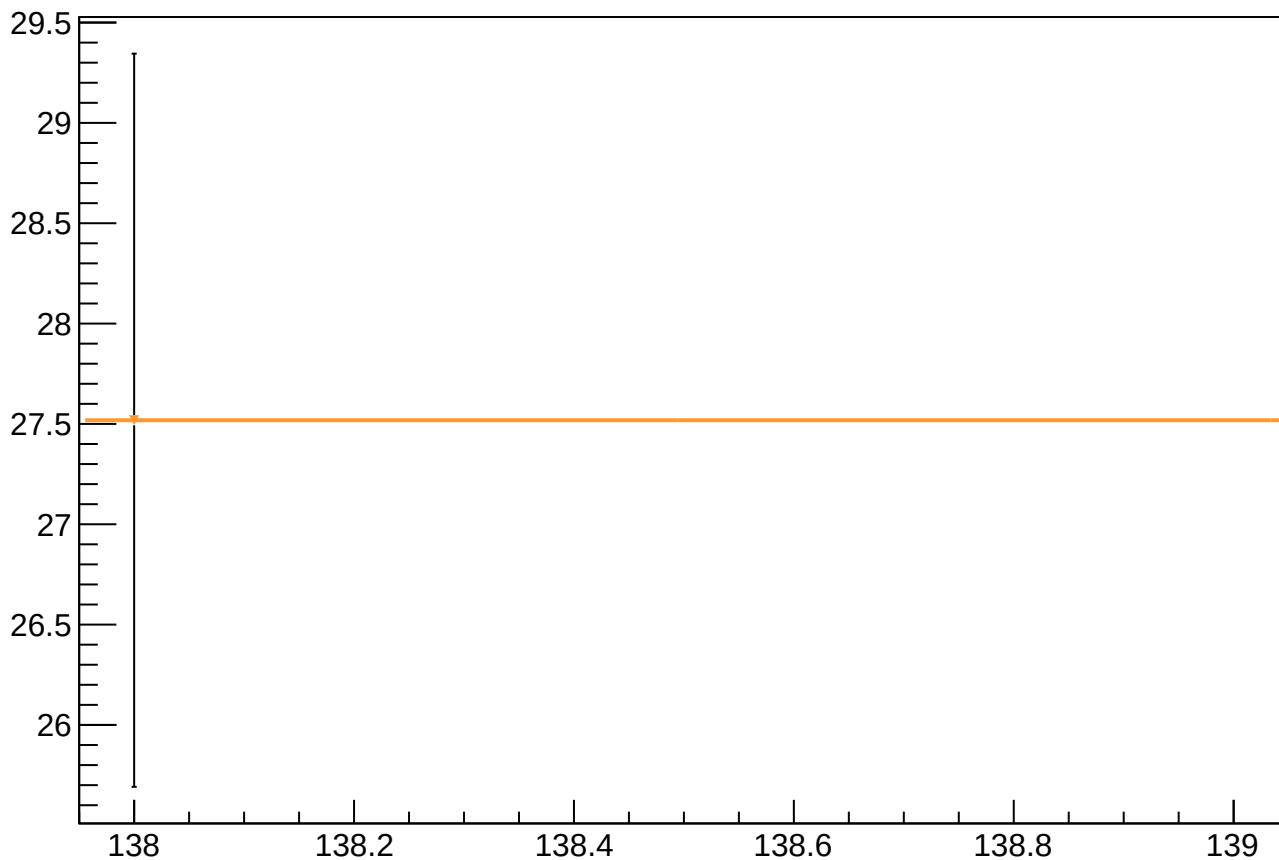
Right: -17.648 $\pm$ 0.032 χ^2 /NDF: 910108.0/35

In: -16.408 $\pm$ 0.044 χ^2 /NDF: 474368.4/16

Out: -21.400 $\pm$ 0.040 χ^2 /NDF: 447477.4/19

All: -19.172 $\pm$ 0.030 χ^2 /NDF: 928838.9/36

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: 27.518+/-1.827 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: 27.518+/-1.827 χ^2/NDF : 0.0/0

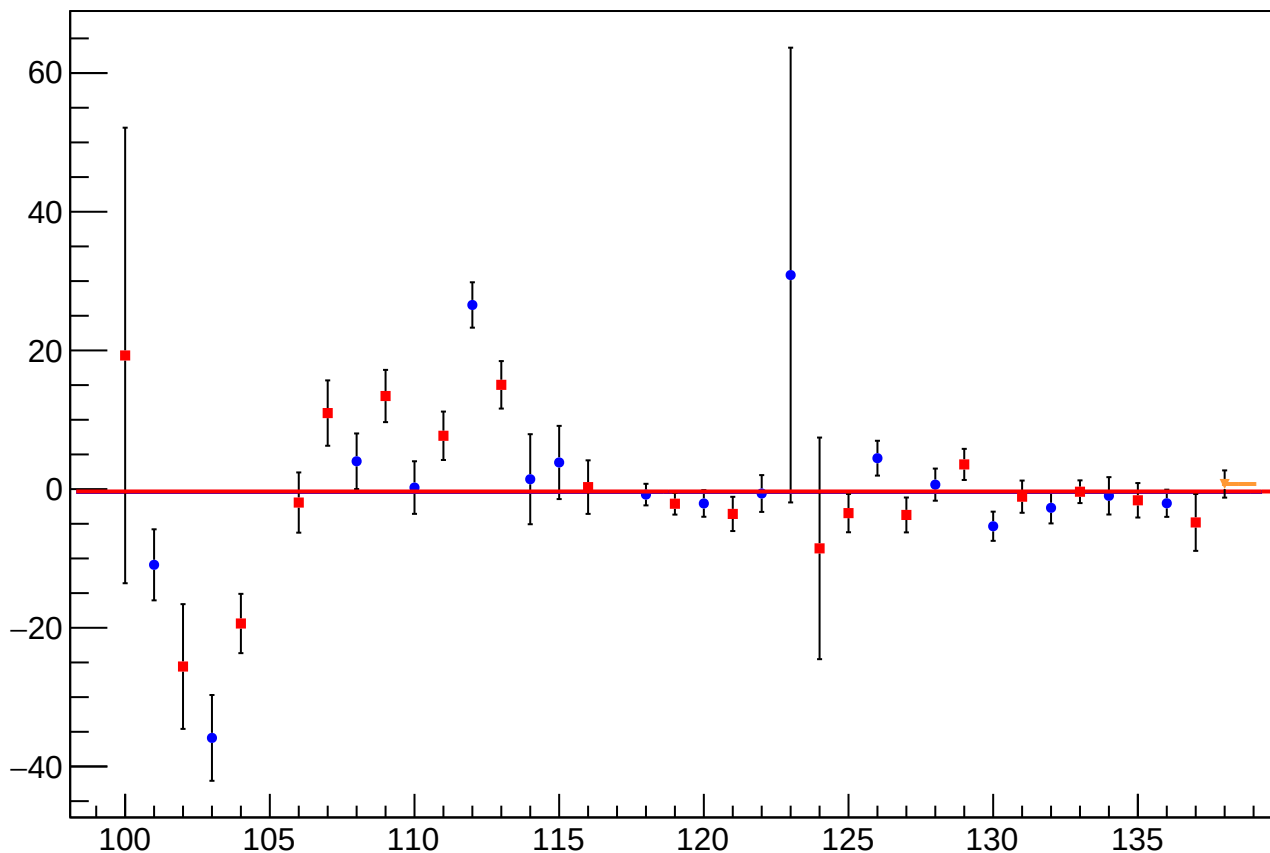
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 27.518+/-1.827 χ^2/NDF : 0.0/0

All: 27.518+/-1.827 χ^2/NDF : 0.0/0

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: 0.736+/-1.964 χ^2 /NDF:0.0/0

Right Out: -0.342+/-0.658 χ^2 /NDF: 83.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.736+/-1.964 χ^2 /NDF: 0.0/0

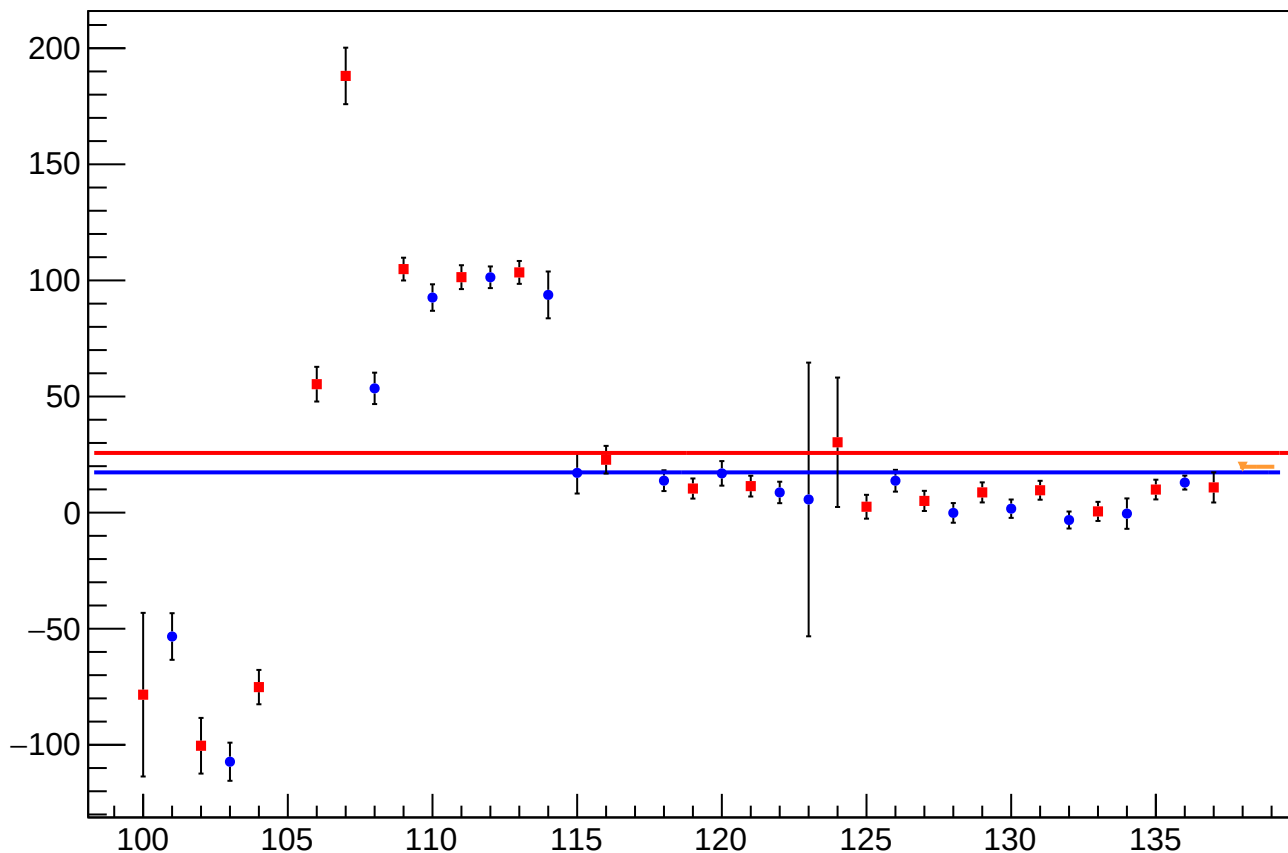
Right: -0.378+/-0.463 χ^2 /NDF: 203.7/35

In: -0.414+/-0.653 χ^2 /NDF:119.9/16

Out: -0.234+/-0.624 χ^2 /NDF:84.0/19

All: -0.320+/-0.451 χ^2 /NDF: 204.0/36

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 19.756+/-1.981 χ^2/NDF : 0.0/0

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 19.756+/-1.981 χ^2/NDF : 0.0/0

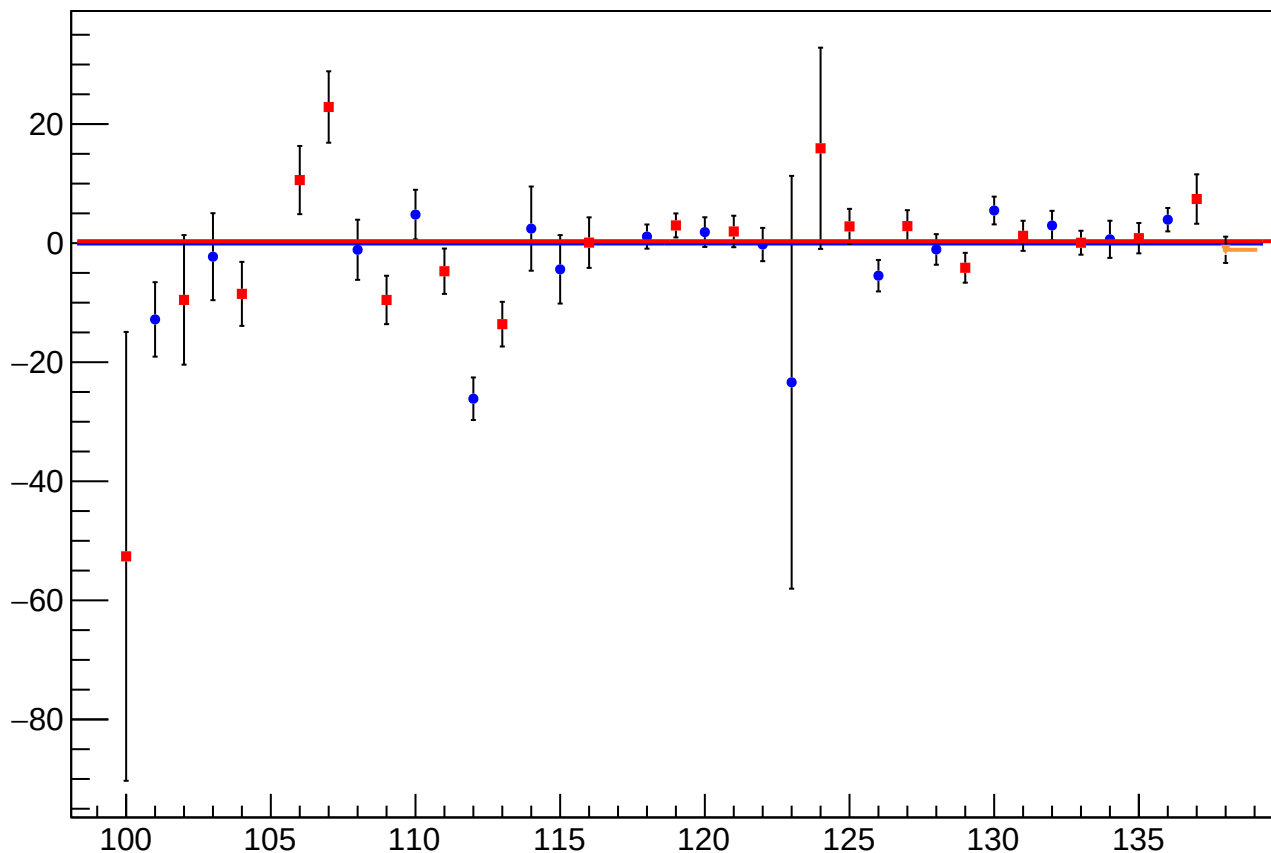
Right: 21.501+/-0.877 χ^2/NDF : 2345.0/35

In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Out: 24.023+/-1.053 χ^2/NDF : 1385.6/19

All: 21.215+/-0.802 χ^2/NDF : 2345.7/36

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: -1.119 ± 2.207 χ^2/NDF : 0.0/0

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -1.119 ± 2.207 χ^2/NDF : 0.0/0

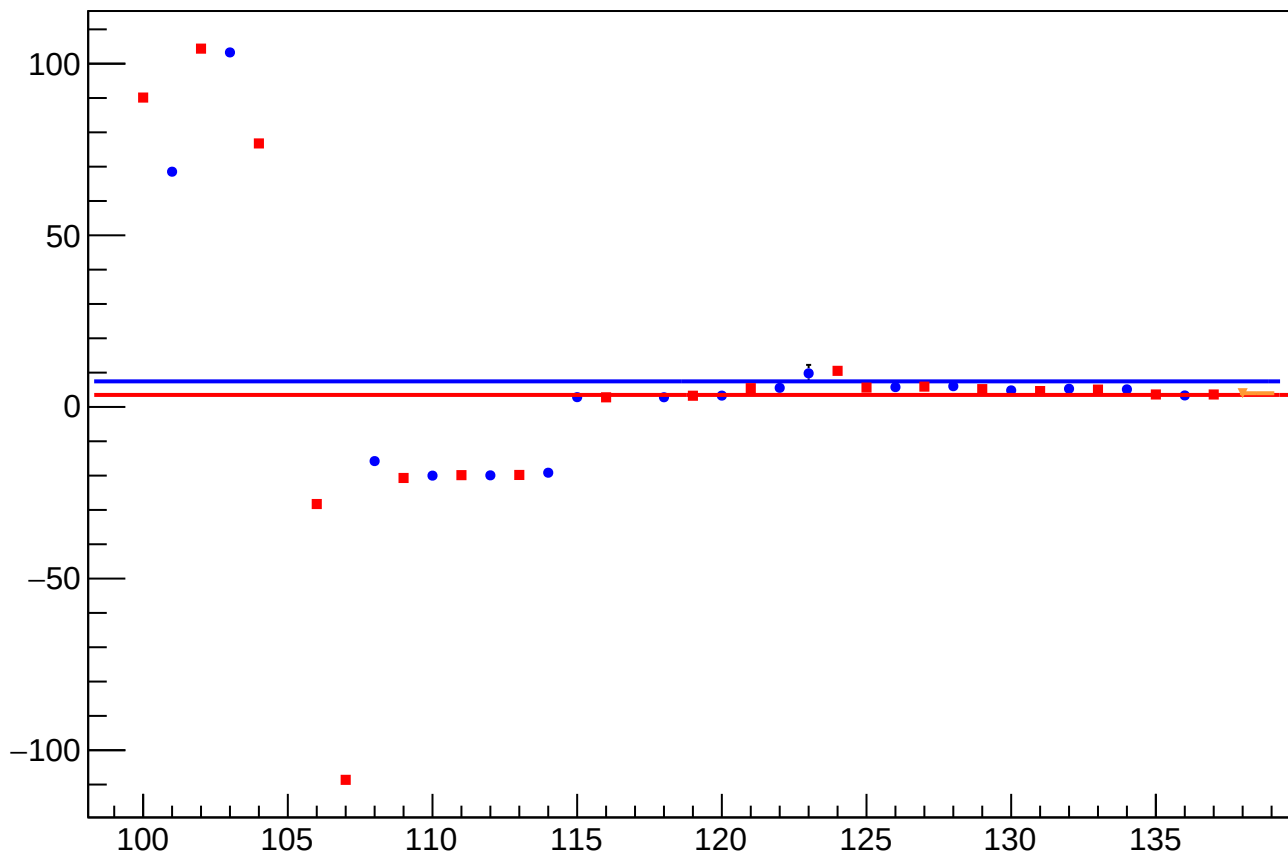
Right: 0.132 ± 0.528 χ^2/NDF : 131.8/35

In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Out: 0.177 ± 0.710 χ^2/NDF : 55.5/19

All: 0.064 ± 0.513 χ^2/NDF : 132.1/36

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: 3.993+/-0.077 χ^2/NDF : 0.0/0

Right Out: 3.502+/-0.046 χ^2/NDF : 510579.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 3.993+/-0.077 χ^2/NDF : 0.0/0

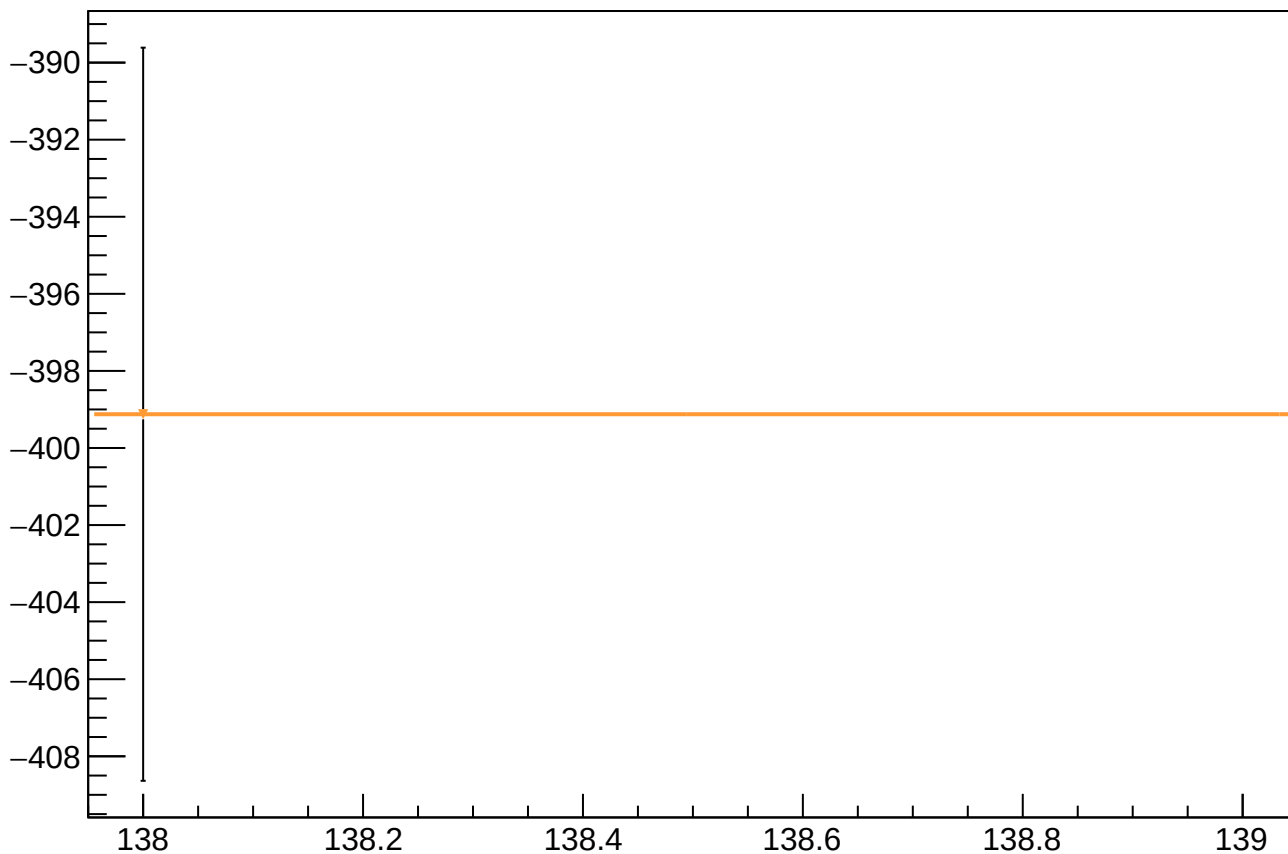
Right: 5.528+/-0.032 χ^2/NDF : 870492.1/35

In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Out: 3.629+/-0.039 χ^2/NDF : 510609.9/19

All: 5.304+/-0.029 χ^2/NDF : 870831.7/36

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -399.124+/-9.512 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: -399.124+/-9.512 χ^2/NDF : 0.0/0

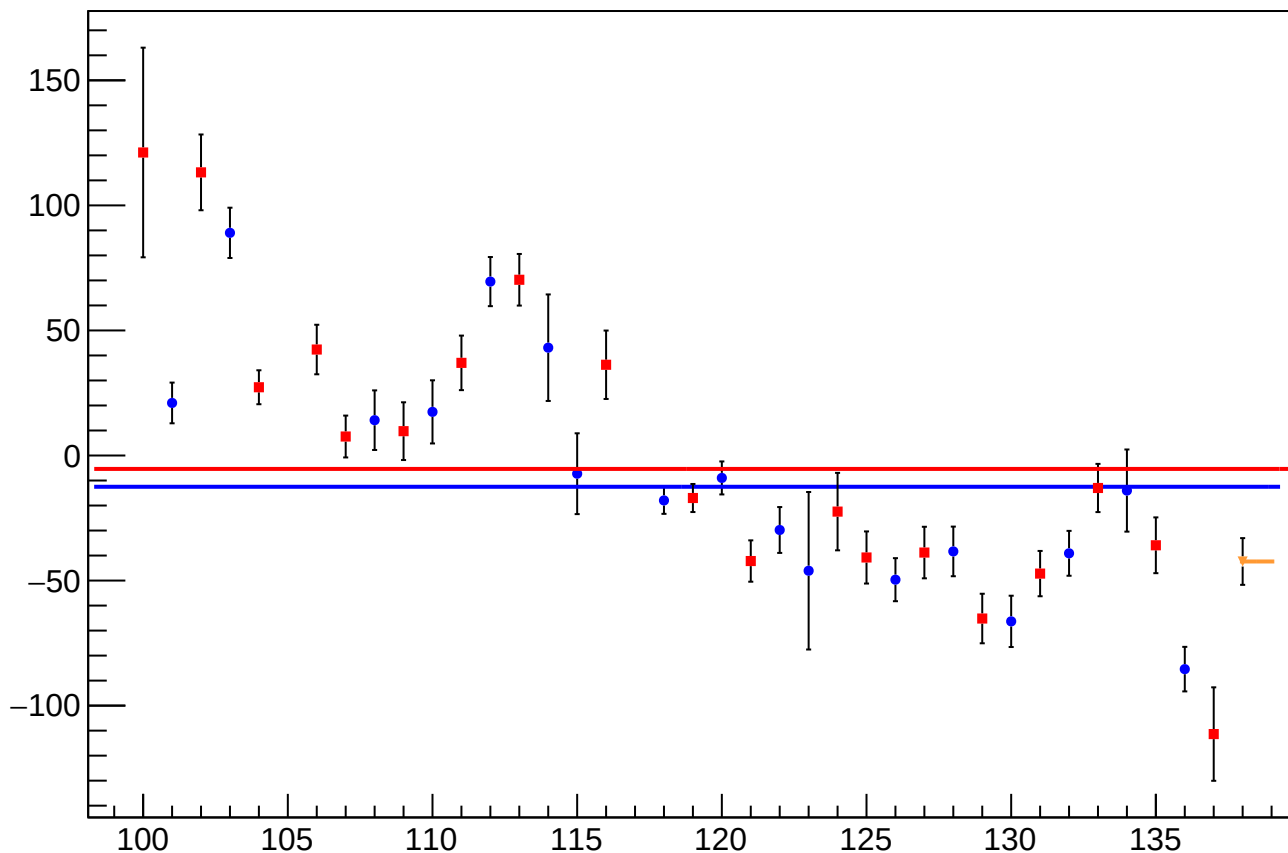
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -399.124+/-9.512 χ^2/NDF : 0.0/0

All: -399.124+/-9.512 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: -42.372 ± 9.340 χ^2/NDF : 0.0/0

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -42.372 ± 9.340 χ^2/NDF : 0.0/0

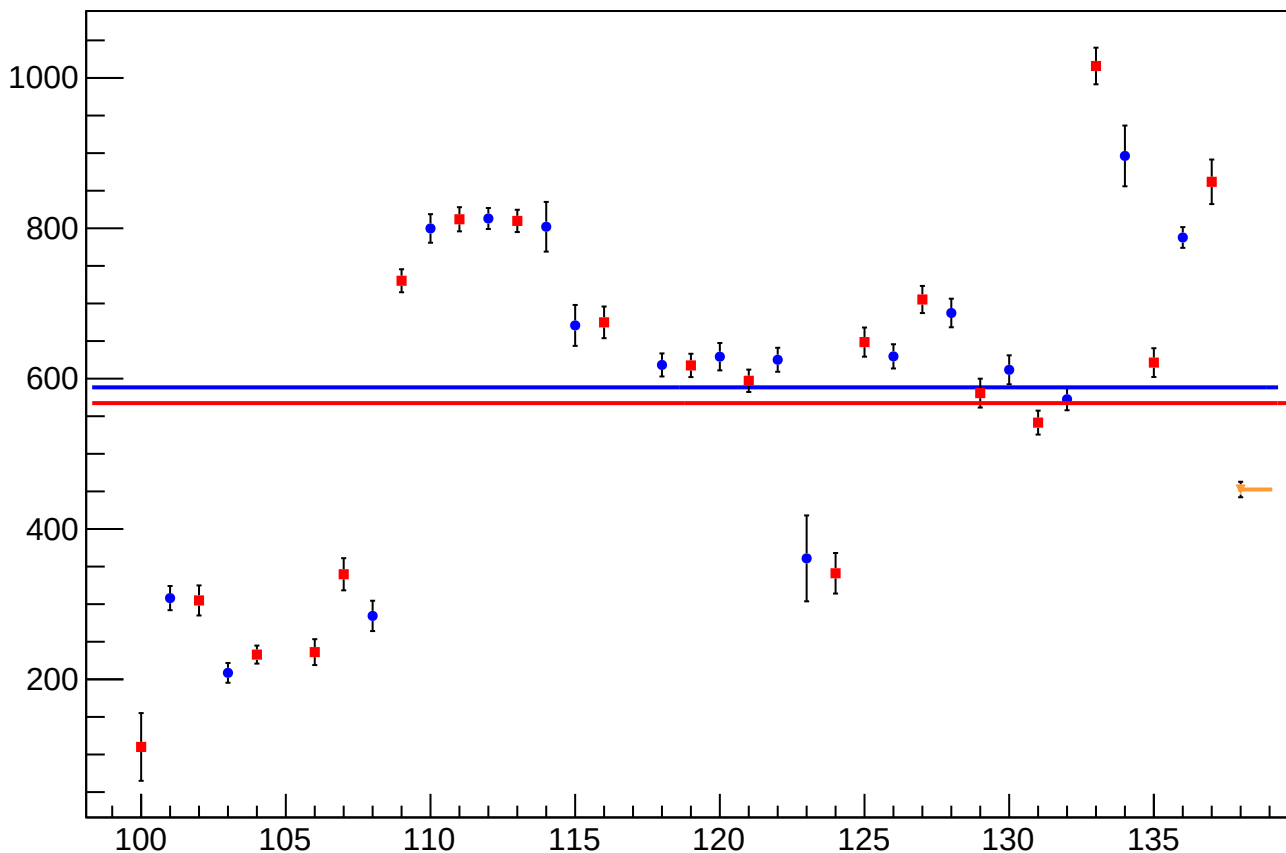
Right: -8.858 ± 1.617 χ^2/NDF : 690.5/35

In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Out: -7.417 ± 2.200 χ^2/NDF : 359.4/19

All: -9.834 ± 1.594 χ^2/NDF : 703.0/36

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: 452.526+/-10.310 χ^2/NDF : 0.0/0

Right Out: 567.451+/-4.137 χ^2/NDF : 2784.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 452.526+/-10.310 χ^2/NDF : 0.0/0

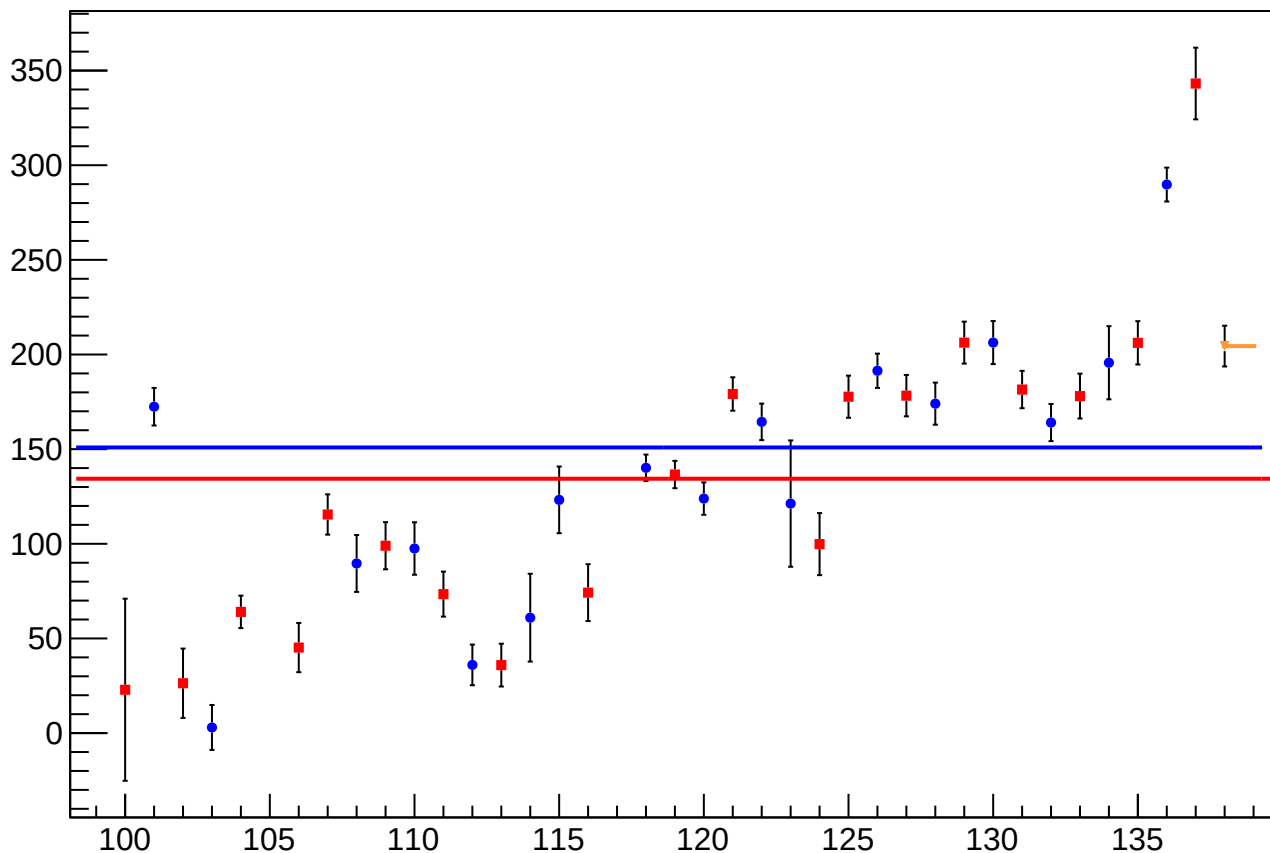
Right: 577.481+/-2.988 χ^2/NDF : 4927.3/35

In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Out: 551.515+/-3.839 χ^2/NDF : 2891.8/19

All: 567.800+/-2.870 χ^2/NDF : 5062.8/36

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: 204.447+/-10.767 χ^2/NDF : 0.0/0

Right Out: 134.381+/-2.620 χ^2/NDF : 584.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 204.447+/-10.767 χ^2/NDF : 0.0/0

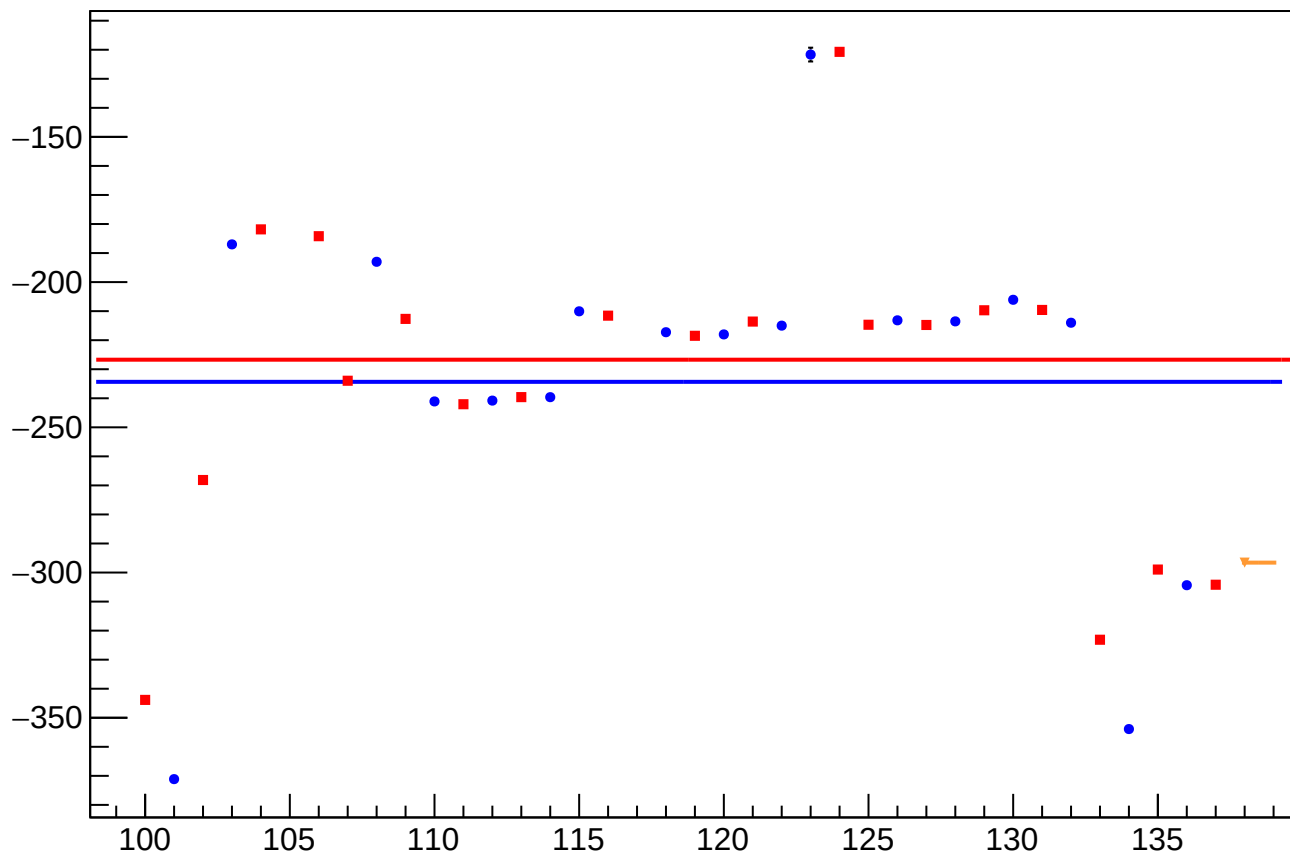
Right: 142.467+/-1.871 χ^2/NDF : 1239.2/35

In: 150.891+/-2.674 χ^2/NDF : 634.8/16

Out: 138.297+/-2.545 χ^2/NDF : 624.9/19

All: 144.284+/-1.844 χ^2/NDF : 1271.3/36

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: -296.585+/-0.410 χ^2/NDF : 0.0/0

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -296.585+/-0.410 χ^2/NDF : 0.0/0

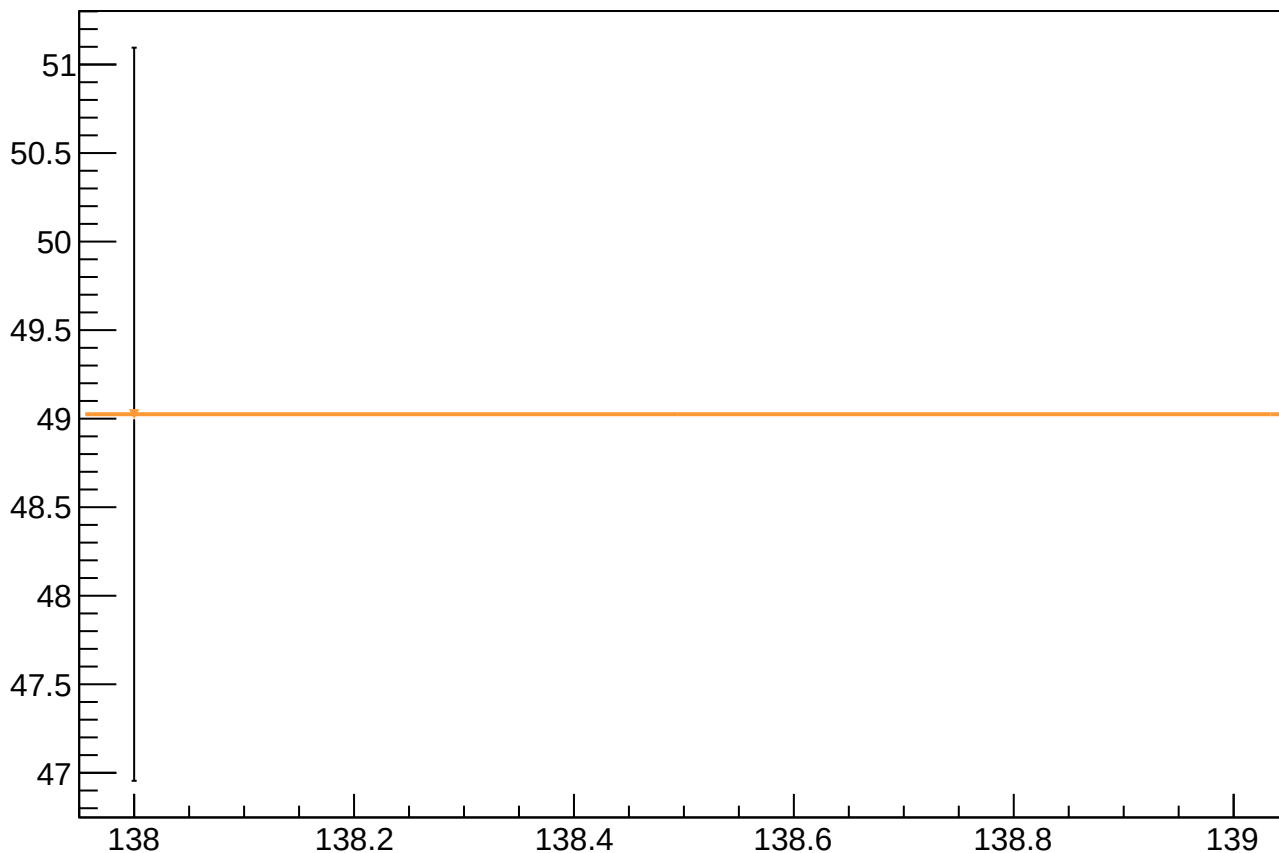
Right: -230.345+/-0.102 χ^2/NDF : 245990.9/35

In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Out: -234.122+/-0.134 χ^2/NDF : 125348.7/19

All: -234.220+/-0.099 χ^2/NDF : 270515.0/36

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: 49.025+/-2.070 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: 49.025+/-2.070 χ^2/NDF : 0.0/0

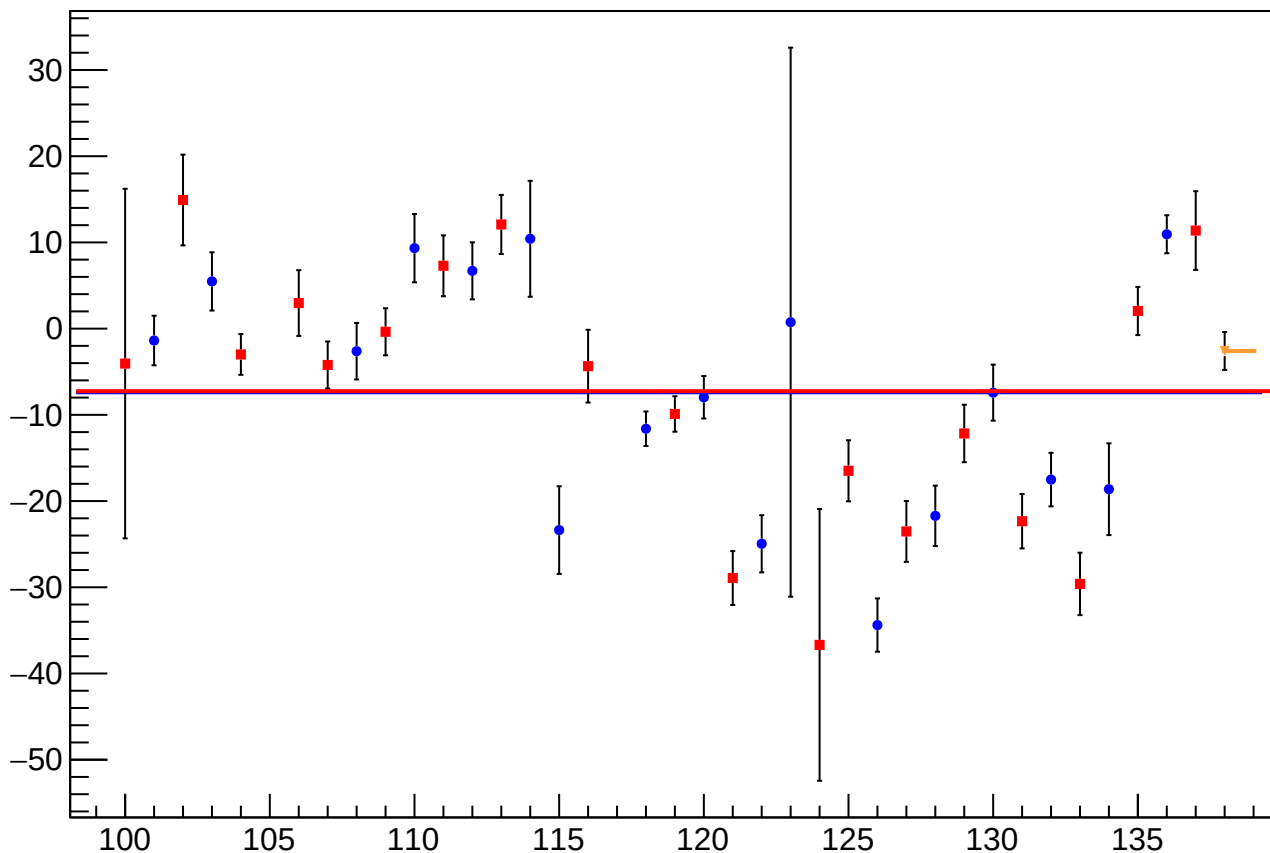
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 49.025+/-2.070 χ^2/NDF : 0.0/0

All: 49.025+/-2.070 χ^2/NDF : 0.0/0

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: -2.591+/-2.198 χ^2/NDF : 0.0/0

Right Out: -7.256+/-0.762 χ^2/NDF : 257.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -2.591+/-2.198 χ^2/NDF : 0.0/0

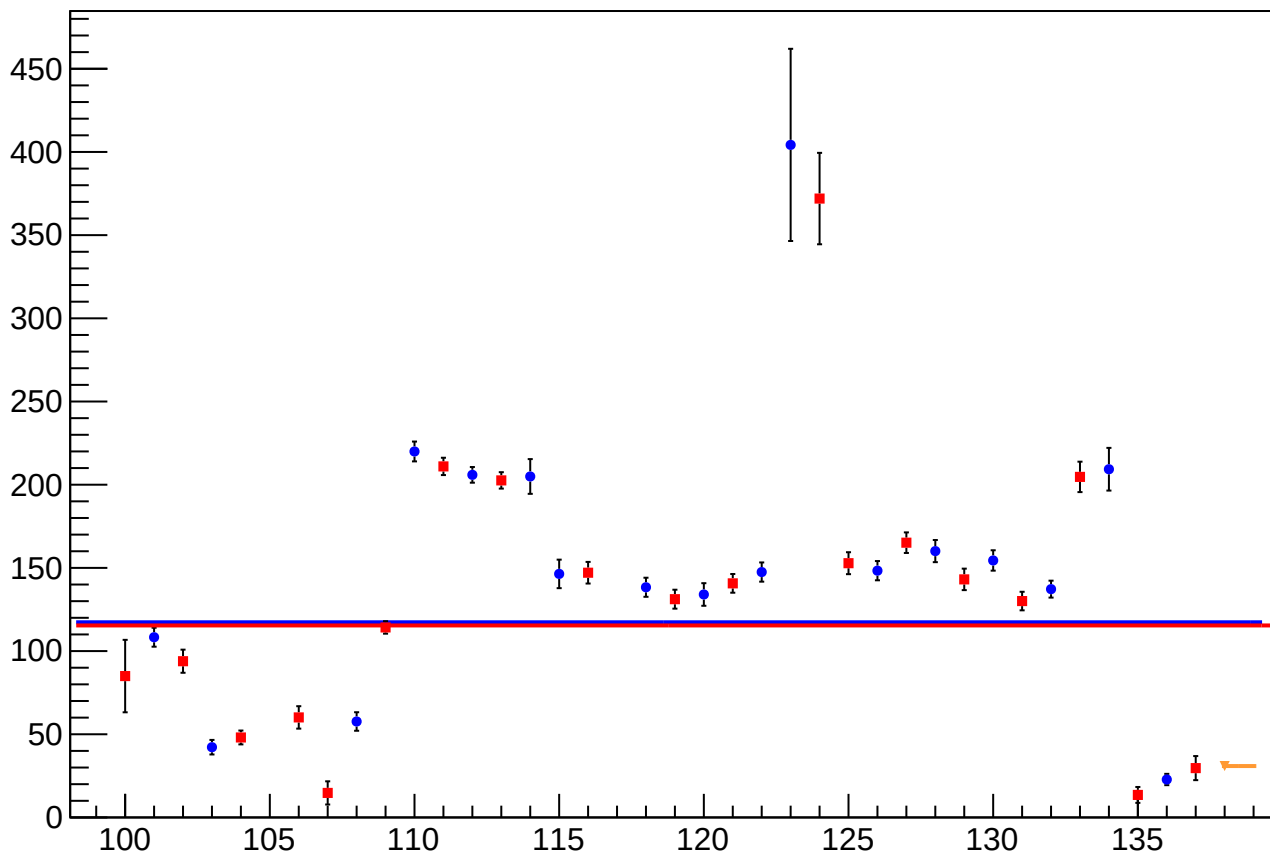
Right: -7.317+/-0.545 χ^2/NDF : 540.9/35

In: -7.381+/-0.779 χ^2/NDF : 283.6/16

Out: -6.756+/-0.720 χ^2/NDF : 261.3/19

All: -7.044+/-0.529 χ^2/NDF : 545.2/36

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302+/-1.409 χ^2/NDF : 2161.3/16

Left Out: 30.896+/-2.245 χ^2/NDF :0.0/0

Right Out: 115.405+/-1.361 χ^2/NDF : 2150.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 30.896+/-2.245 χ^2/NDF : 0.0/0

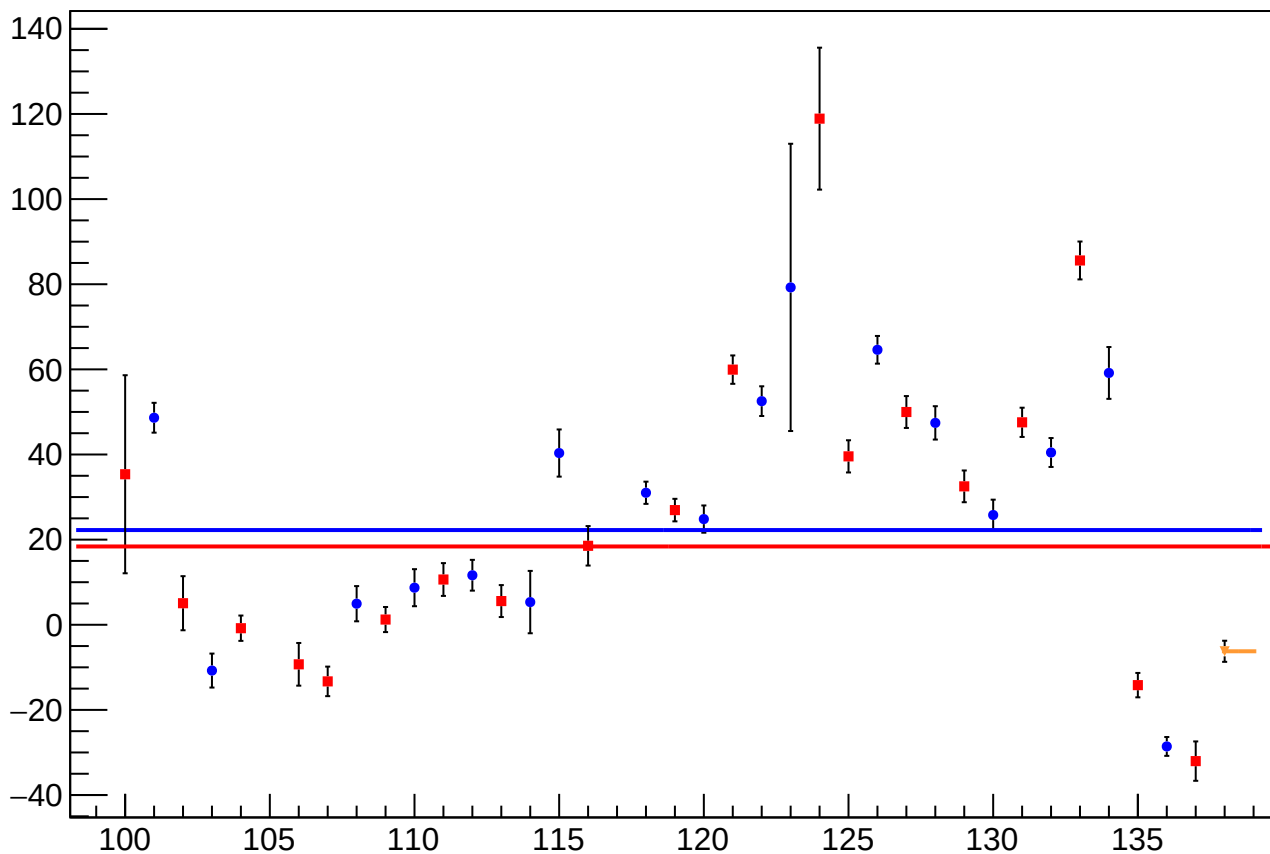
Right: 116.321+/-0.979 χ^2/NDF : 4312.7/35

In: 117.302+/-1.409 χ^2/NDF :2161.3/16

Out: 92.707+/-1.164 χ^2/NDF :3186.7/19

All: 102.684+/-0.897 χ^2/NDF : 5529.1/36

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250+/-0.889 χ^2 /NDF: 1071.4/16

Left Out: -6.229+/-2.479 χ^2 /NDF:0.0/0

Right Out: 18.395+/-0.872 χ^2 /NDF: 1077.1/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: -6.229+/-2.479 χ^2 /NDF: 0.0/0

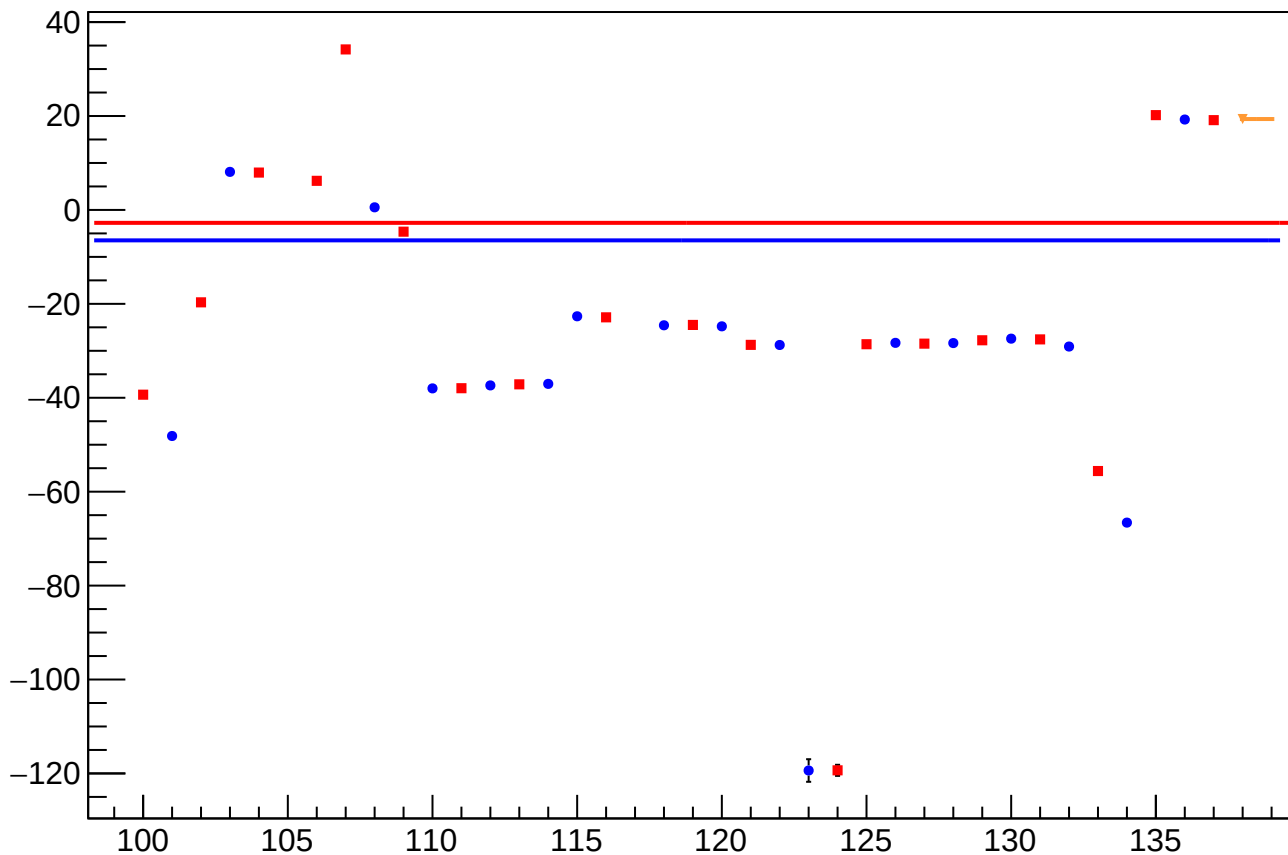
Right: 20.284+/-0.622 χ^2 /NDF: 2158.2/35

In: 22.250+/-0.889 χ^2 /NDF:1071.4/16

Out: 15.685+/-0.822 χ^2 /NDF:1164.9/19

All: 18.712+/-0.604 χ^2 /NDF: 2265.7/36

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: 19.357+/-0.087 χ^2/NDF : 0.0/0

Right Out: -2.751+/-0.046 χ^2/NDF : 266291.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 19.357+/-0.087 χ^2/NDF : 0.0/0

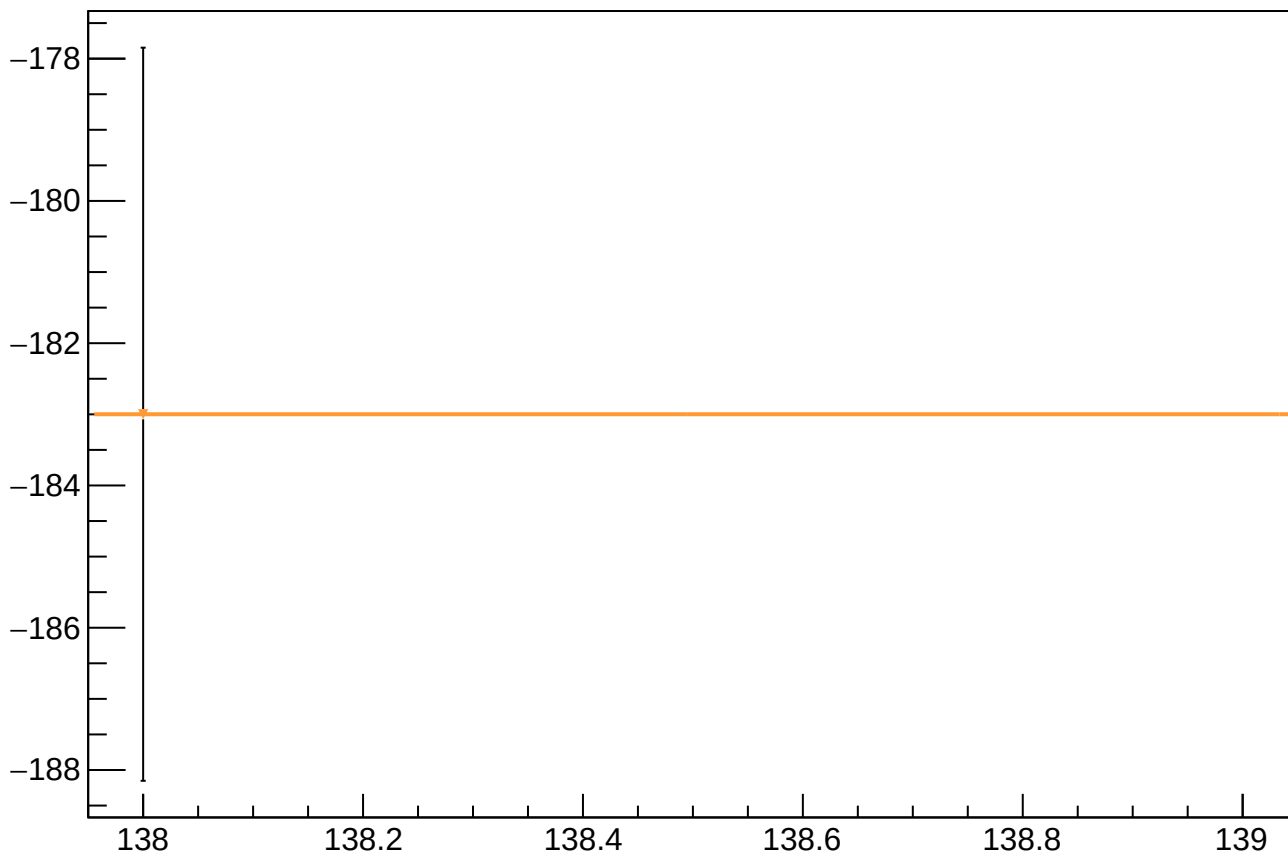
Right: -4.597+/-0.032 χ^2/NDF : 535394.7/35

In: -6.482+/-0.046 χ^2/NDF : 265804.1/16

Out: 1.985+/-0.040 χ^2/NDF : 316469.3/19

All: -1.697+/-0.030 χ^2/NDF : 601283.0/36

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: -182.999 ± 5.153 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: -182.999 ± 5.153 χ^2/NDF : 0.0/0

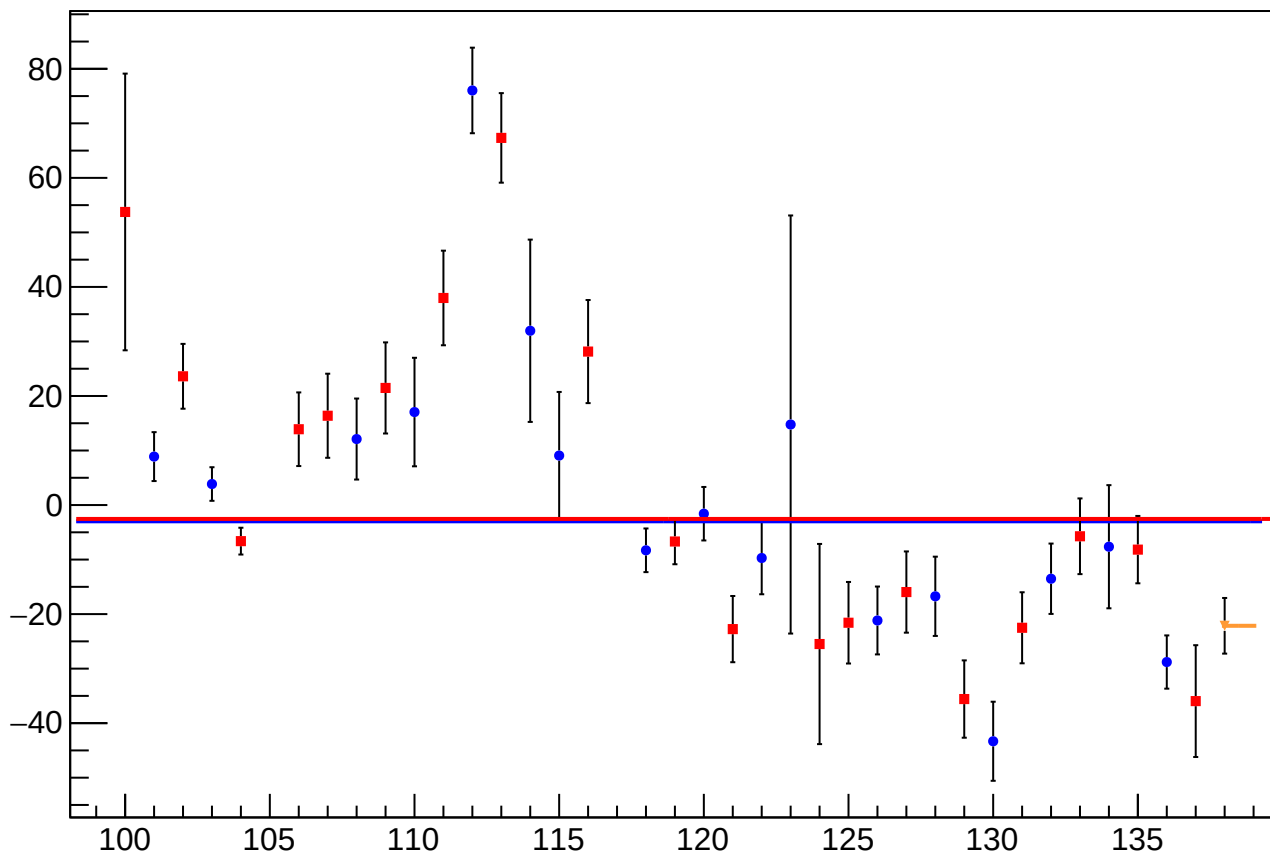
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Out: -182.999 ± 5.153 χ^2/NDF : 0.0/0

All: -182.999 ± 5.153 χ^2/NDF : 0.0/0

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: -22.144 ± 5.103 χ^2/NDF : 0.0/0

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -22.144 ± 5.103 χ^2/NDF : 0.0/0

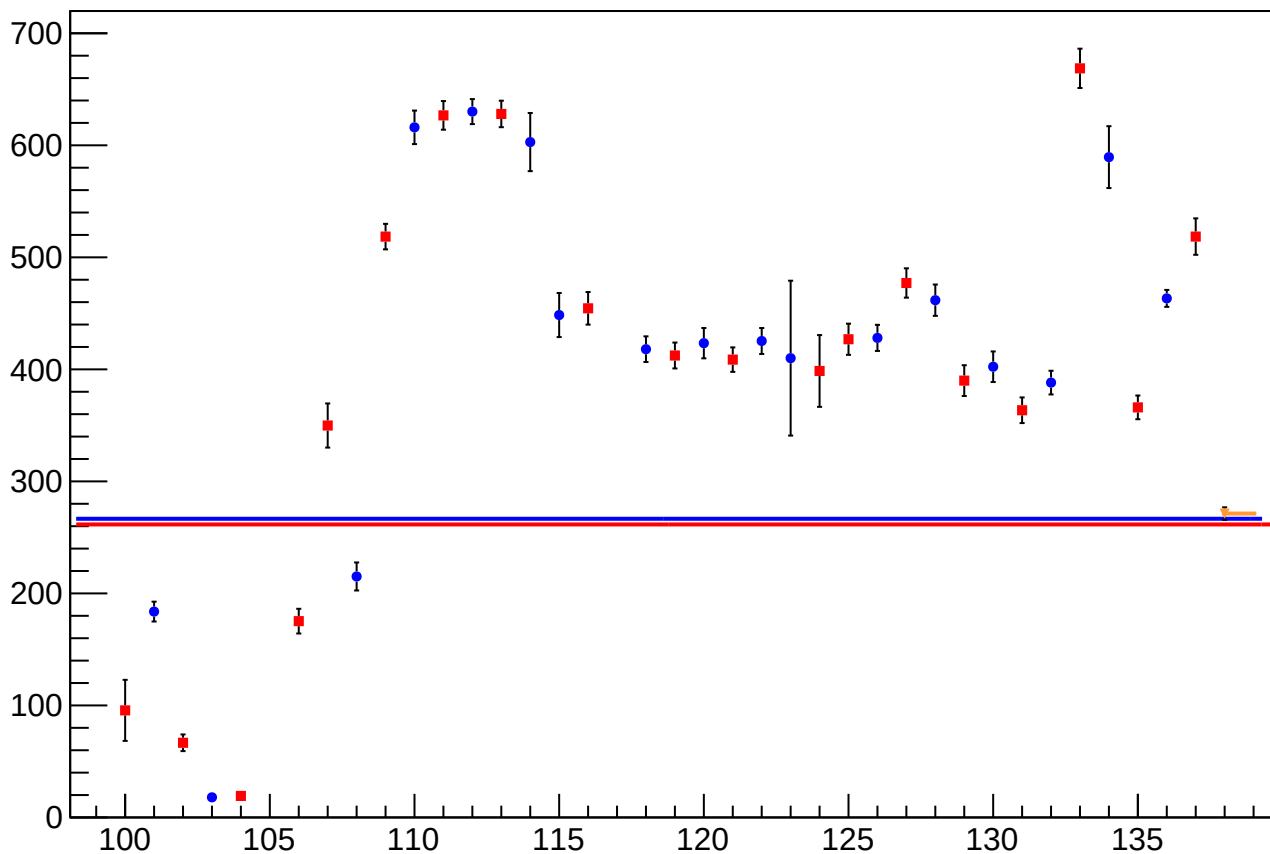
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Out: -3.917 ± 1.349 χ^2/NDF : 231.8/19

All: -3.483 ± 0.988 χ^2/NDF : 435.9/36

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624+/-2.477 χ^2/NDF : 7662.7/16

Left Out: 271.272+/-5.586 χ^2/NDF :0.0/0

Right Out: 261.551+/-2.458 χ^2/NDF : 8208.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 271.272+/-5.586 χ^2/NDF : 0.0/0

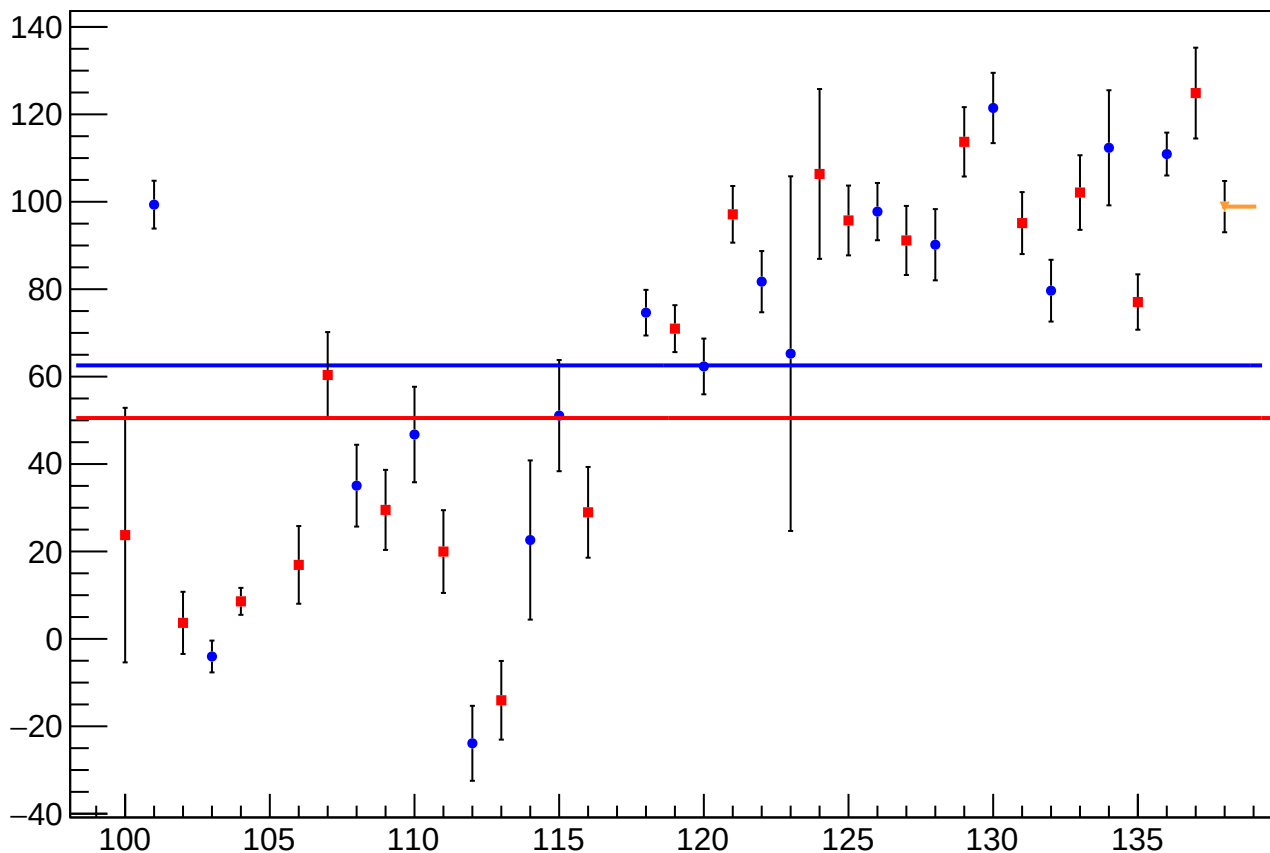
Right: 264.068+/-1.745 χ^2/NDF : 15873.0/35

In: 266.624+/-2.477 χ^2/NDF :7662.7/16

Out: 263.127+/-2.250 χ^2/NDF :8210.7/19

All: 264.708+/-1.665 χ^2/NDF : 15874.5/36

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566+/-1.678 χ^2/NDF : 722.4/16

Left Out: 98.895+/-5.869 χ^2/NDF : 0.0/0

Right Out: 50.526+/-1.643 χ^2/NDF : 657.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 98.895+/-5.869 χ^2/NDF : 0.0/0

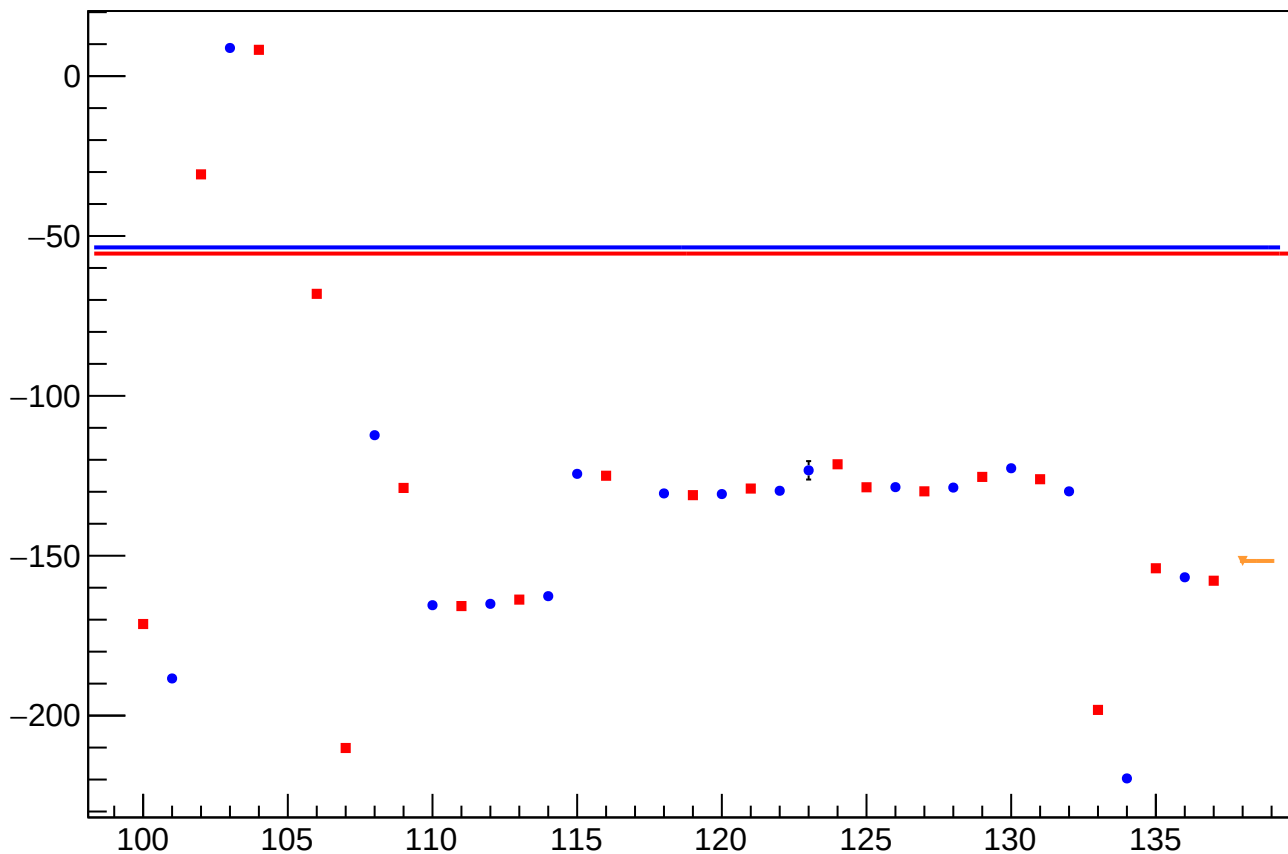
Right: 56.420+/-1.174 χ^2/NDF : 1405.7/35

In: 62.566+/-1.678 χ^2/NDF : 722.4/16

Out: 54.043+/-1.583 χ^2/NDF : 720.0/19

All: 58.055+/-1.151 χ^2/NDF : 1456.0/36

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: -151.636 $\pm$ 0.222 χ^2 /NDF: 0.0/0

Right Out: -55.502 $\pm$ 0.072 χ^2 /NDF: 969632.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: -151.636 $\pm$ 0.222 χ^2 /NDF: 0.0/0

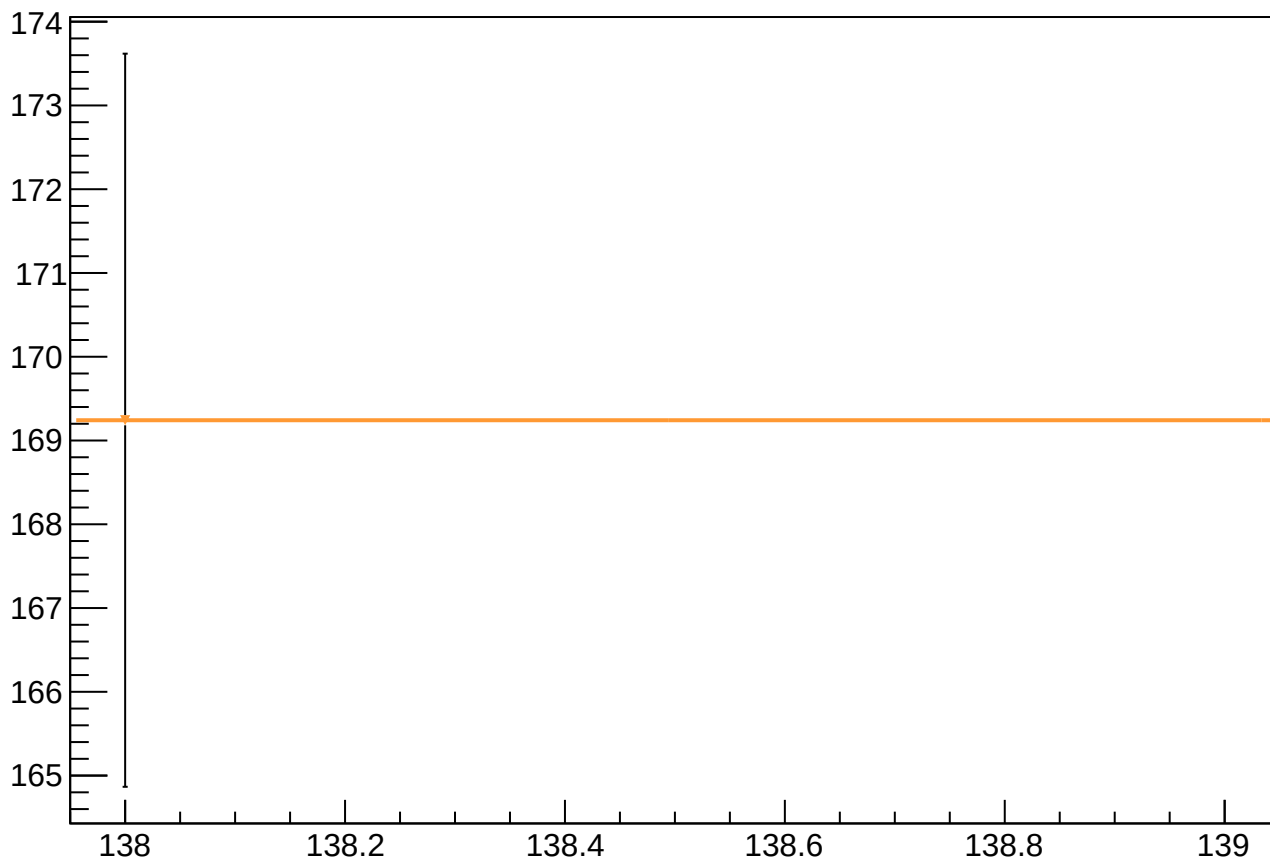
Right: -54.512 $\pm$ 0.050 χ^2 /NDF: 2200235.7/35

In: -53.567 $\pm$ 0.070 χ^2 /NDF: 1230233.3/16

Out: -64.658 $\pm$ 0.068 χ^2 /NDF: 1139859.5/19

All: -59.262 $\pm$ 0.049 χ^2 /NDF: 2382883.7/36

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: 169.242+/-4.376 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: 169.242+/-4.376 χ^2/NDF : 0.0/0

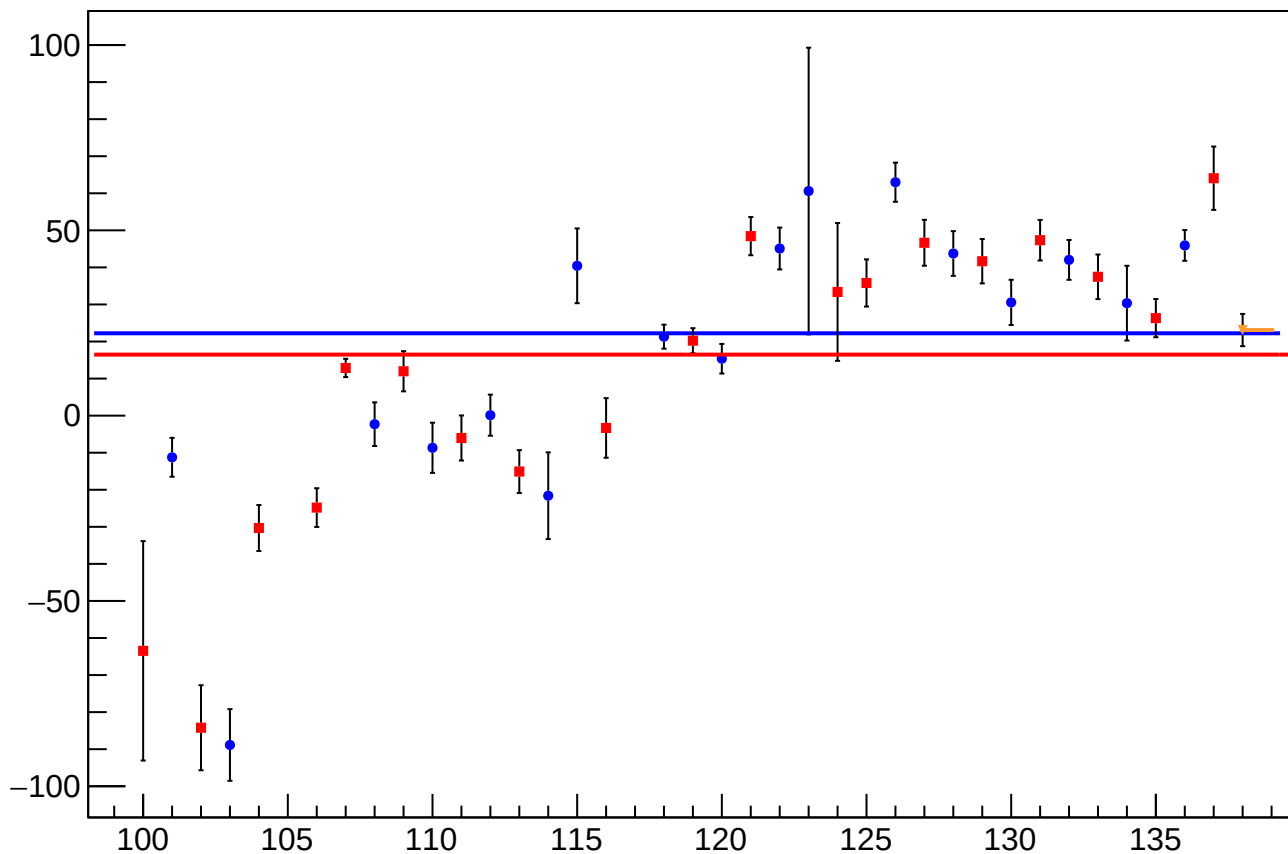
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 169.242+/-4.376 χ^2/NDF : 0.0/0

All: 169.242+/-4.376 χ^2/NDF : 0.0/0

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: 23.097 $\pm$ 4.349 χ^2 /NDF:0.0/0

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 23.097 $\pm$ 4.349 χ^2 /NDF: 0.0/0

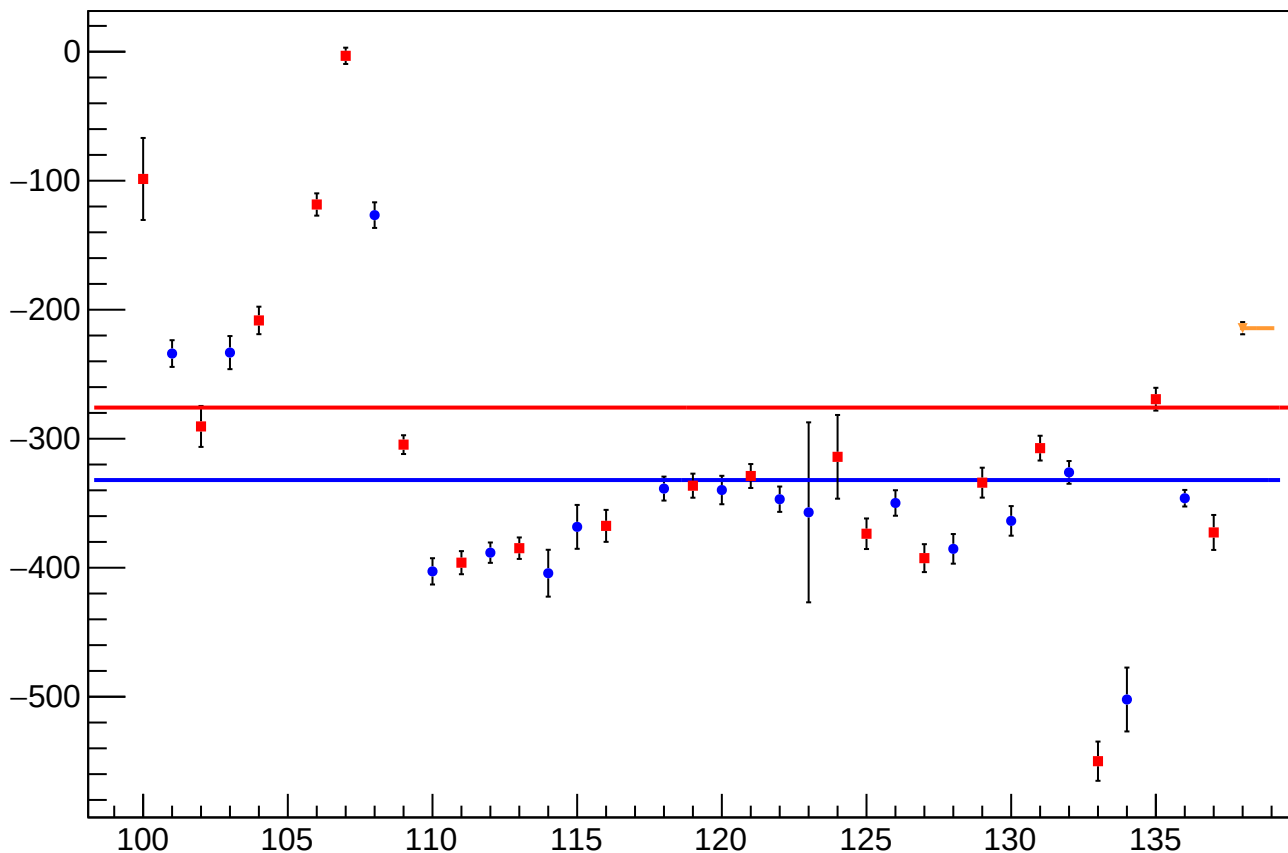
Right: 19.025 $\pm$ 0.916 χ^2 /NDF: 821.2/35

In: 22.221 $\pm$ 1.374 χ^2 /NDF:385.6/16

Out: 16.956 $\pm$ 1.183 χ^2 /NDF:428.0/19

All: 19.199 $\pm$ 0.896 χ^2 /NDF: 822.1/36

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037+/-2.562 χ^2/NDF : 784.9/16

Left Out: -214.323+/-4.744 χ^2/NDF : 0.0/0

Right Out: -275.853+/-2.324 χ^2/NDF : 3362.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -214.323+/-4.744 χ^2/NDF : 0.0/0

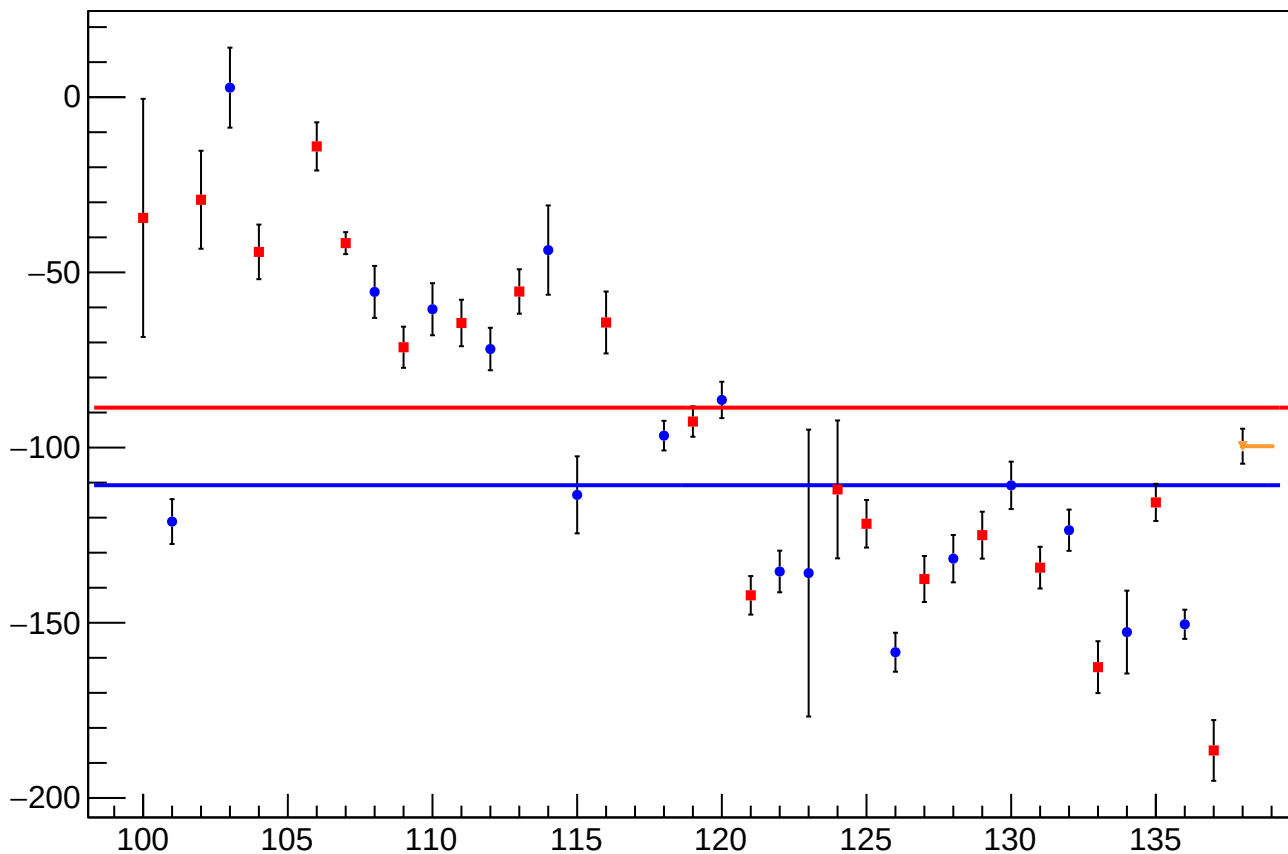
Right: -301.220+/-1.721 χ^2/NDF : 4411.6/35

In: -332.037+/-2.562 χ^2/NDF : 784.9/16

Out: -263.943+/-2.087 χ^2/NDF : 3498.5/19

All: -291.110+/-1.618 χ^2/NDF : 4708.0/36

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: -99.612 ± 4.995 χ^2/NDF : 0.0/0

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -99.612 ± 4.995 χ^2/NDF : 0.0/0

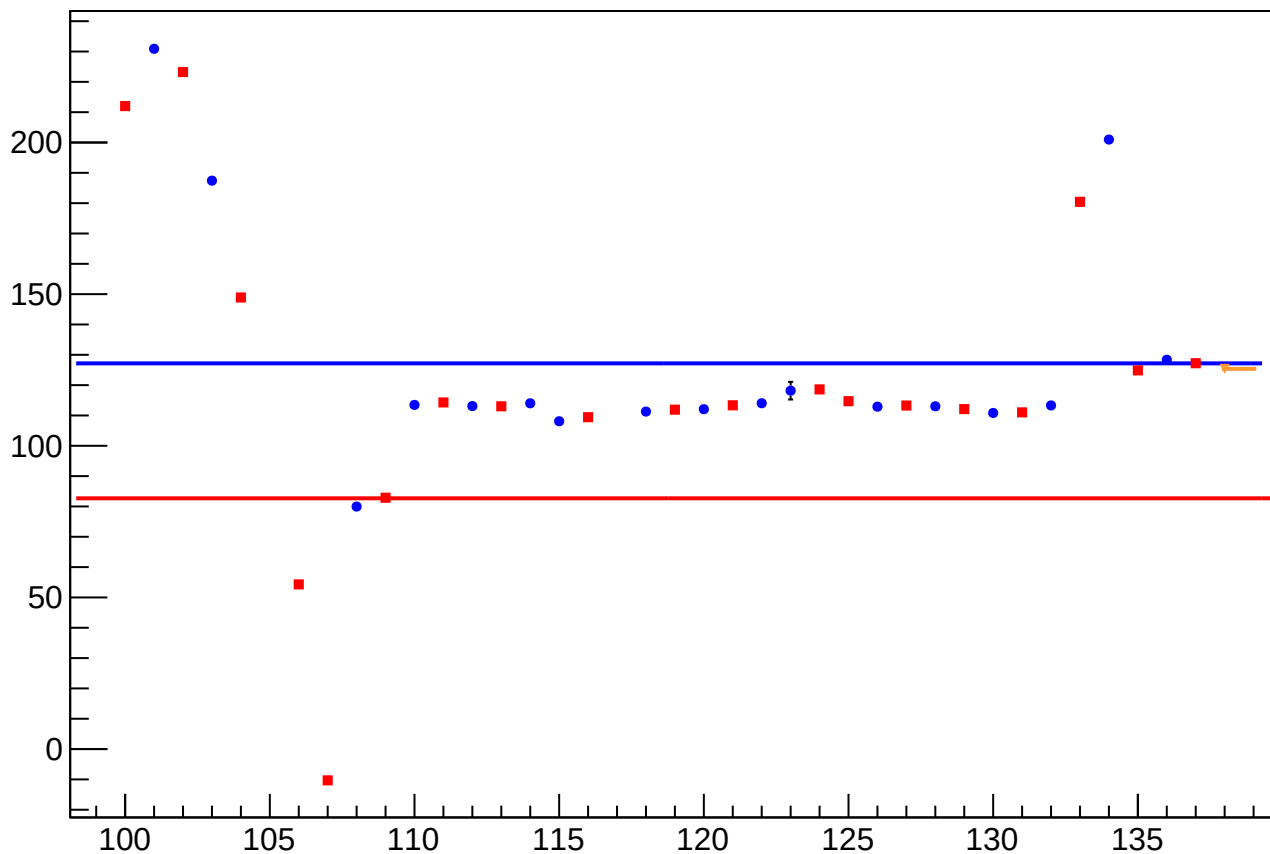
Right: -98.623 ± 1.061 χ^2/NDF : 1591.0/35

In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Out: -89.439 ± 1.379 χ^2/NDF : 974.2/19

All: -98.666 ± 1.038 χ^2/NDF : 1591.1/36

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: 125.377 $\pm$ 0.188 χ^2 /NDF:0.0/0

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 125.377 $\pm$ 0.188 χ^2 /NDF: 0.0/0

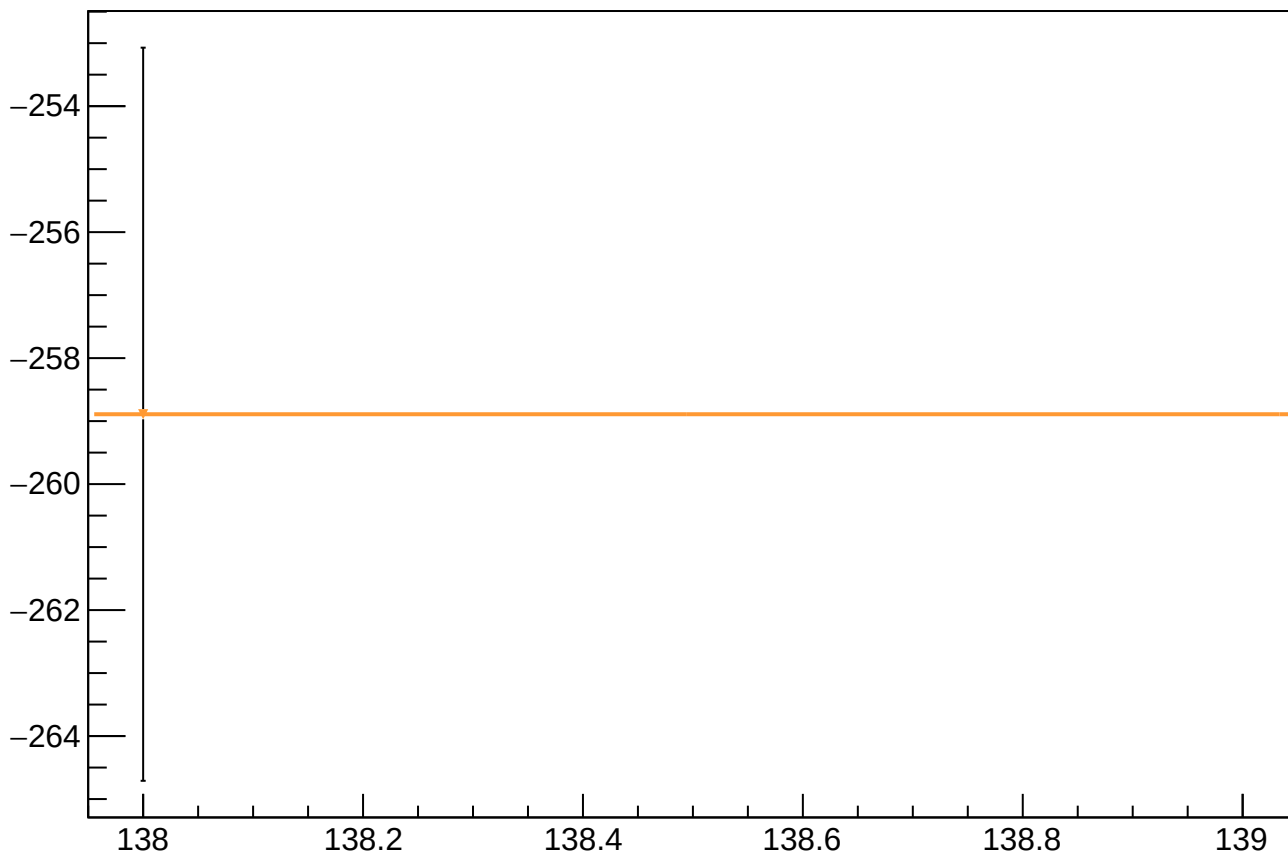
Right: 101.242 $\pm$ 0.057 χ^2 /NDF: 1099401.9/35

In: 127.179 $\pm$ 0.089 χ^2 /NDF:188050.9/16

Out: 88.585 $\pm$ 0.070 χ^2 /NDF:810151.3/19

All: 103.306 $\pm$ 0.055 χ^2 /NDF: 1114470.9/36

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: -258.891+/-5.819 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: -258.891+/-5.819 χ^2/NDF : 0.0/0

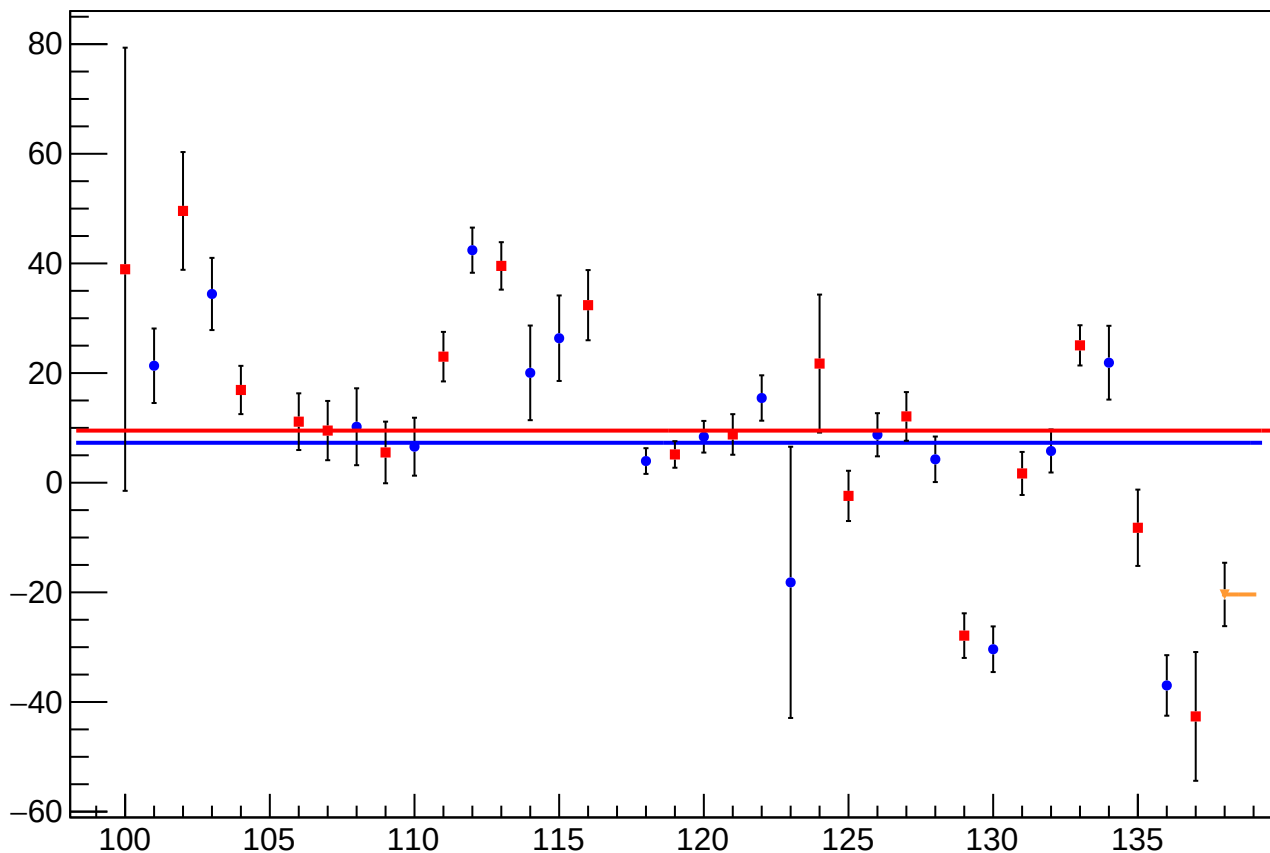
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -258.891+/-5.819 χ^2/NDF : 0.0/0

All: -258.891+/-5.819 χ^2/NDF : 0.0/0

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: -20.385+/-5.782 χ^2/NDF : 0.0/0

Right Out: 9.505+/-1.074 χ^2/NDF : 231.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -20.385+/-5.782 χ^2/NDF : 0.0/0

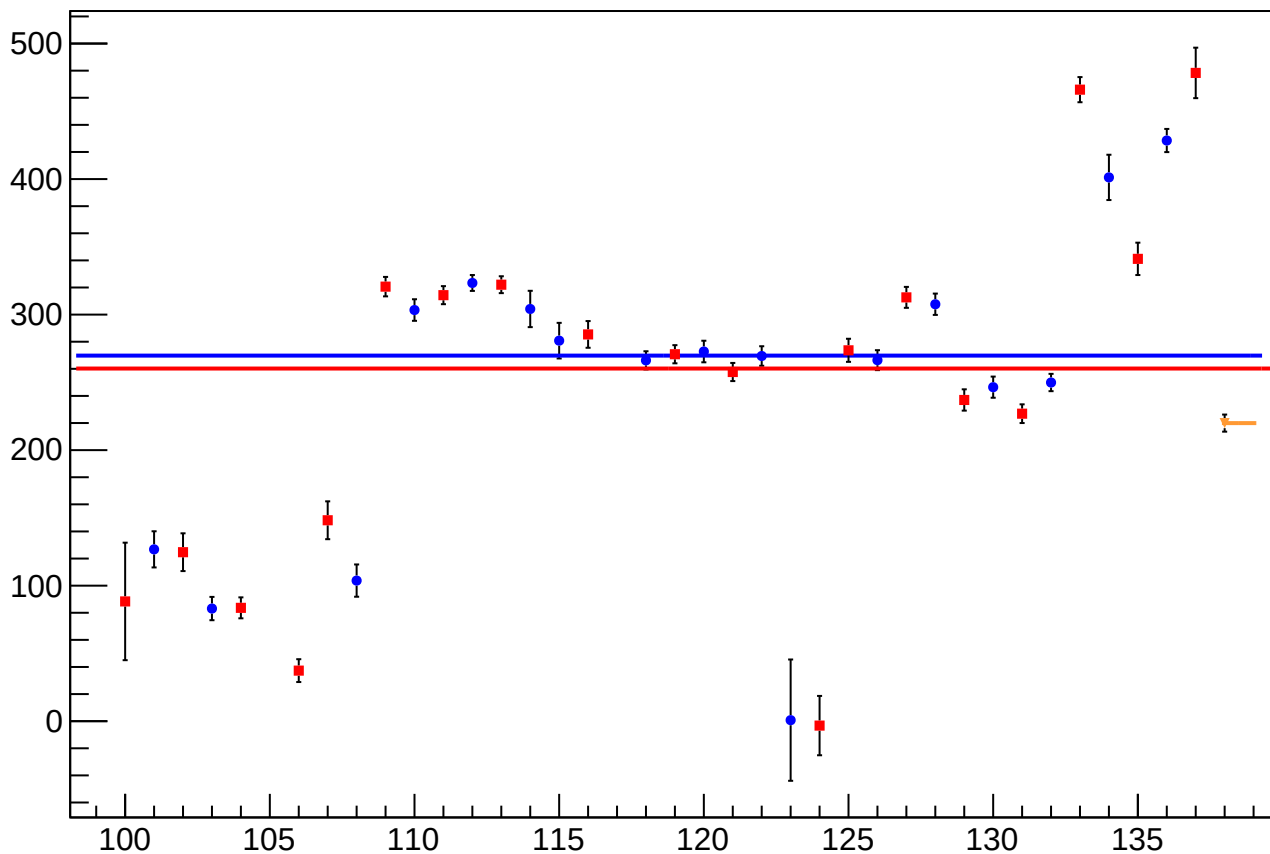
Right: 8.404+/-0.763 χ^2/NDF : 494.7/35

In: 7.284+/-1.084 χ^2/NDF : 261.0/16

Out: 8.507+/-1.056 χ^2/NDF : 257.4/19

All: 7.911+/-0.756 χ^2/NDF : 519.0/36

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748+/-2.071 χ^2/NDF : 1374.1/16

Left Out: 219.939+/-6.308 χ^2/NDF :0.0/0

Right Out: 260.206+/-1.978 χ^2/NDF : 2541.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 219.939+/-6.308 χ^2/NDF : 0.0/0

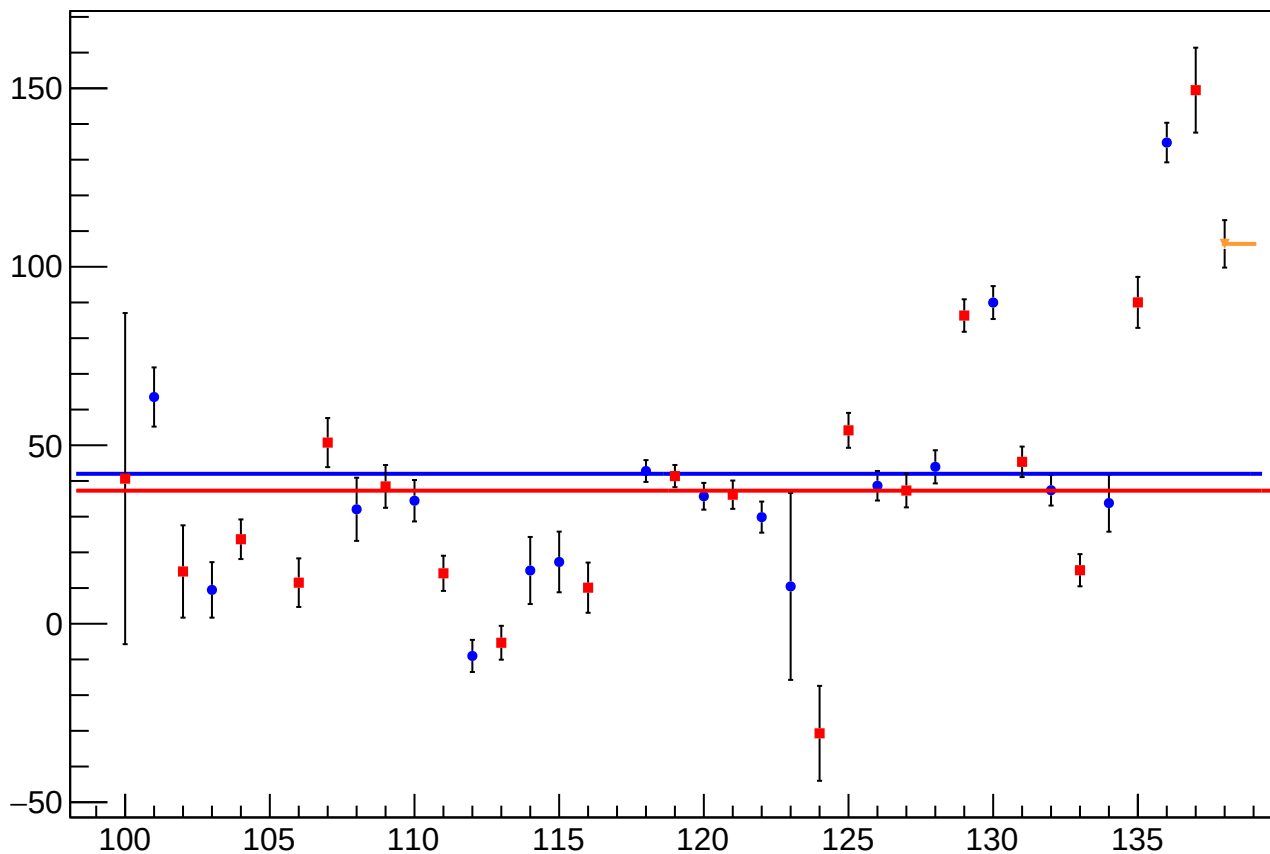
Right: 264.757+/-1.430 χ^2/NDF : 3926.7/35

In: 269.748+/-2.071 χ^2/NDF :1374.1/16

Out: 256.602+/-1.887 χ^2/NDF :2578.7/19

All: 262.565+/-1.395 χ^2/NDF : 3974.7/36

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006+/-1.255 χ^2/NDF : 575.6/16

Left Out: 106.420+/-6.645 χ^2/NDF : 0.0/0

Right Out: 37.284+/-1.237 χ^2/NDF : 472.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 106.420+/-6.645 χ^2/NDF : 0.0/0

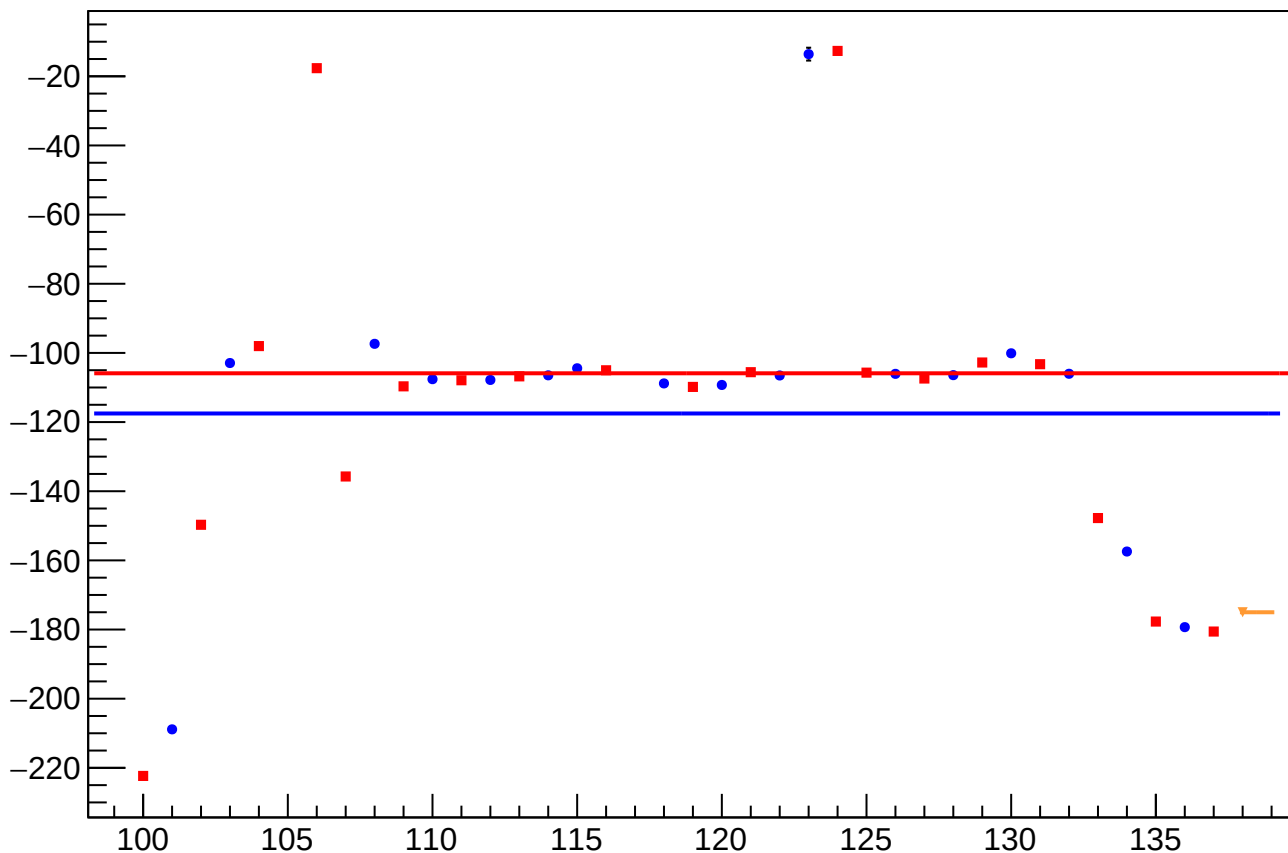
Right: 39.611+/-0.881 χ^2/NDF : 1055.4/35

In: 42.006+/-1.255 χ^2/NDF : 575.6/16

Out: 39.600+/-1.216 χ^2/NDF : 577.2/19

All: 40.765+/-0.874 χ^2/NDF : 1154.7/36

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: -175.003 ± 0.250 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -105.892 ± 0.073 $\chi^2/\text{NDF}: 324304.4/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: -175.003 ± 0.250 $\chi^2/\text{NDF}: 0.0/0$

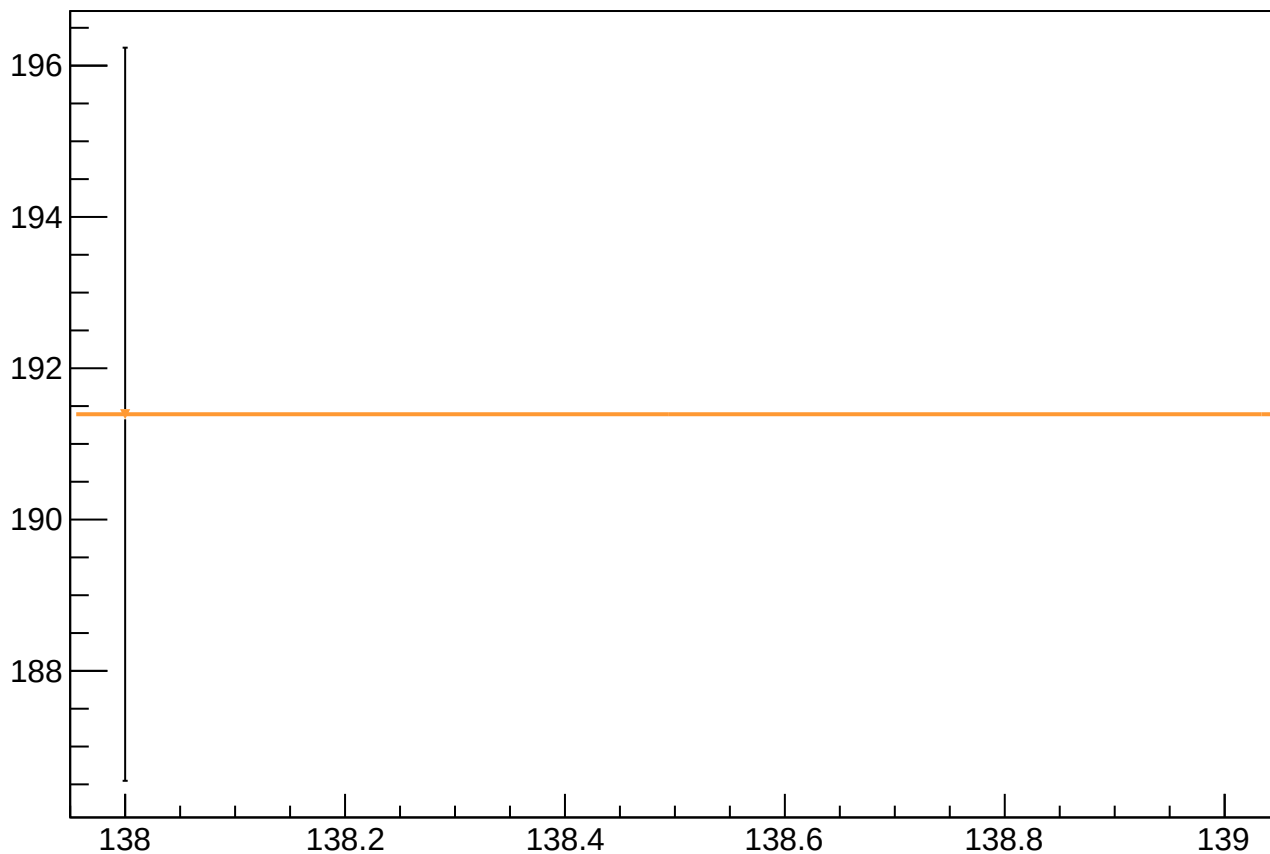
Right: -111.303 ± 0.053 $\chi^2/\text{NDF}: 478188.8/35$

In: -117.516 ± 0.078 $\chi^2/\text{NDF}: 142016.6/16$

Out: -111.285 ± 0.070 $\chi^2/\text{NDF}: 394625.2/19$

All: -114.060 ± 0.052 $\chi^2/\text{NDF}: 540180.7/36$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 191.392 $\pm$ 4.845 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 191.392 $\pm$ 4.845 χ^2/NDF : 0.0/0

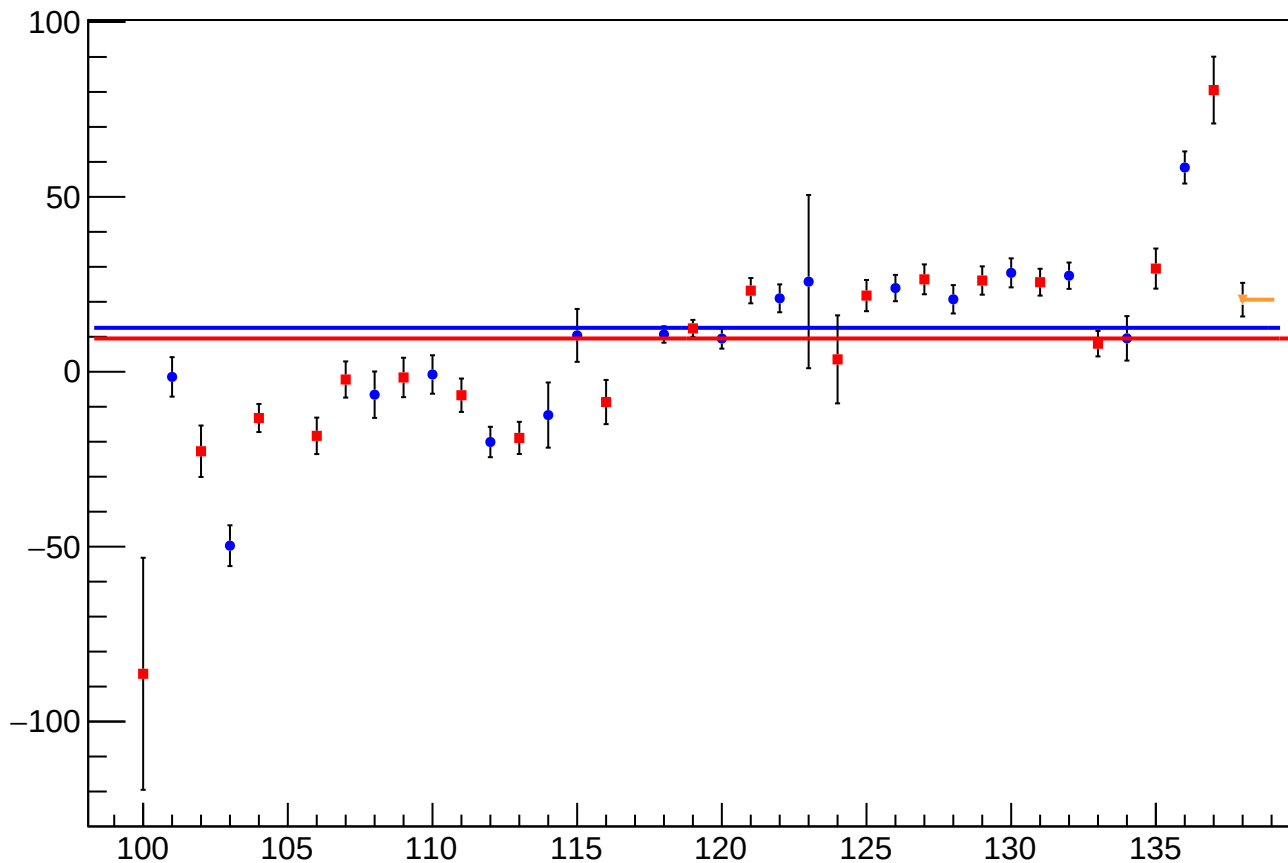
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Out: 191.392 $\pm$ 4.845 χ^2/NDF : 0.0/0

All: 191.392 $\pm$ 4.845 χ^2/NDF : 0.0/0

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: 20.615+/-4.809 χ^2/NDF : 0.0/0

Right Out: 9.519+/-1.051 χ^2/NDF : 296.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 20.615+/-4.809 χ^2/NDF : 0.0/0

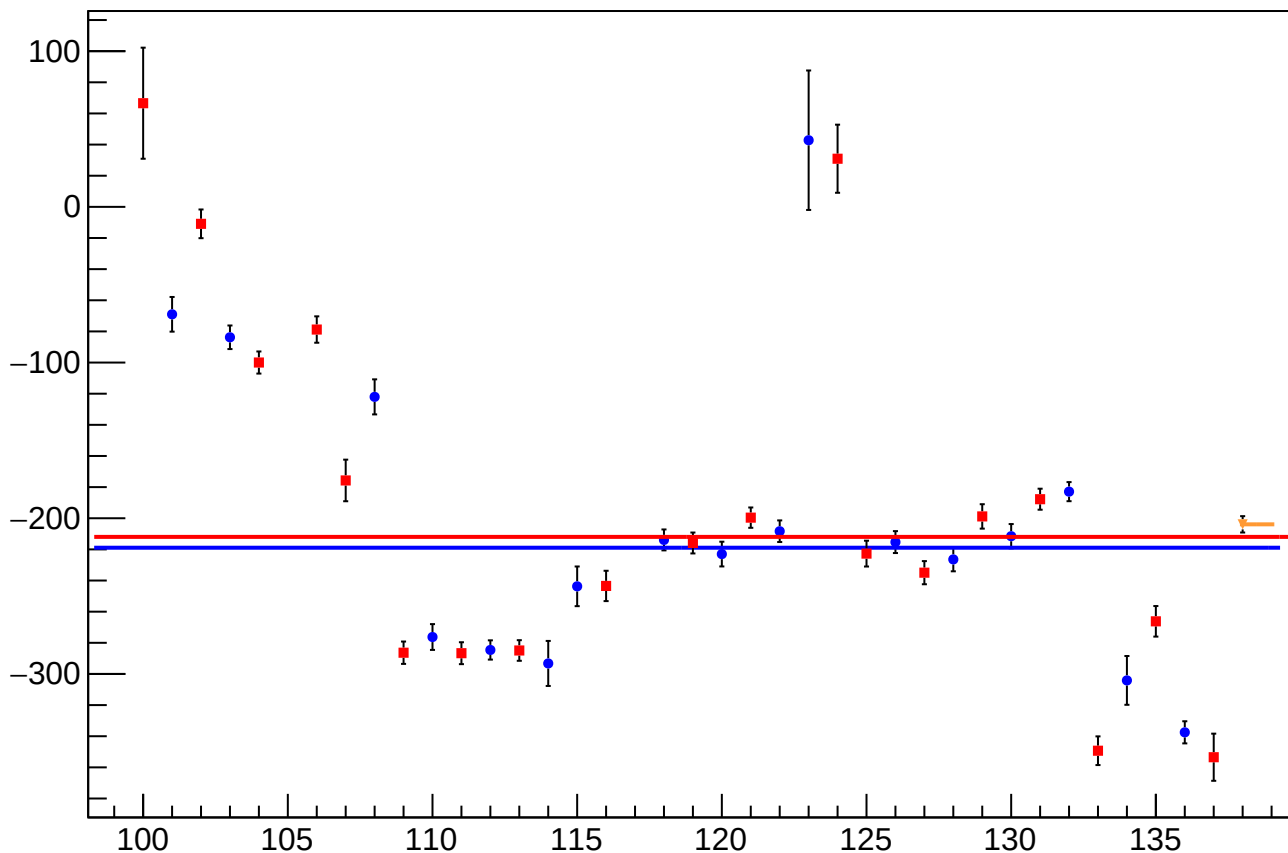
Right: 11.033+/-0.745 χ^2/NDF : 648.2/35

In: 12.561+/-1.056 χ^2/NDF : 347.7/16

Out: 10.024+/-1.026 χ^2/NDF : 301.3/19

All: 11.257+/-0.736 χ^2/NDF : 652.0/36

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: -203.906 ± 5.253 χ^2/NDF : 0.0/0

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -203.906 ± 5.253 χ^2/NDF : 0.0/0

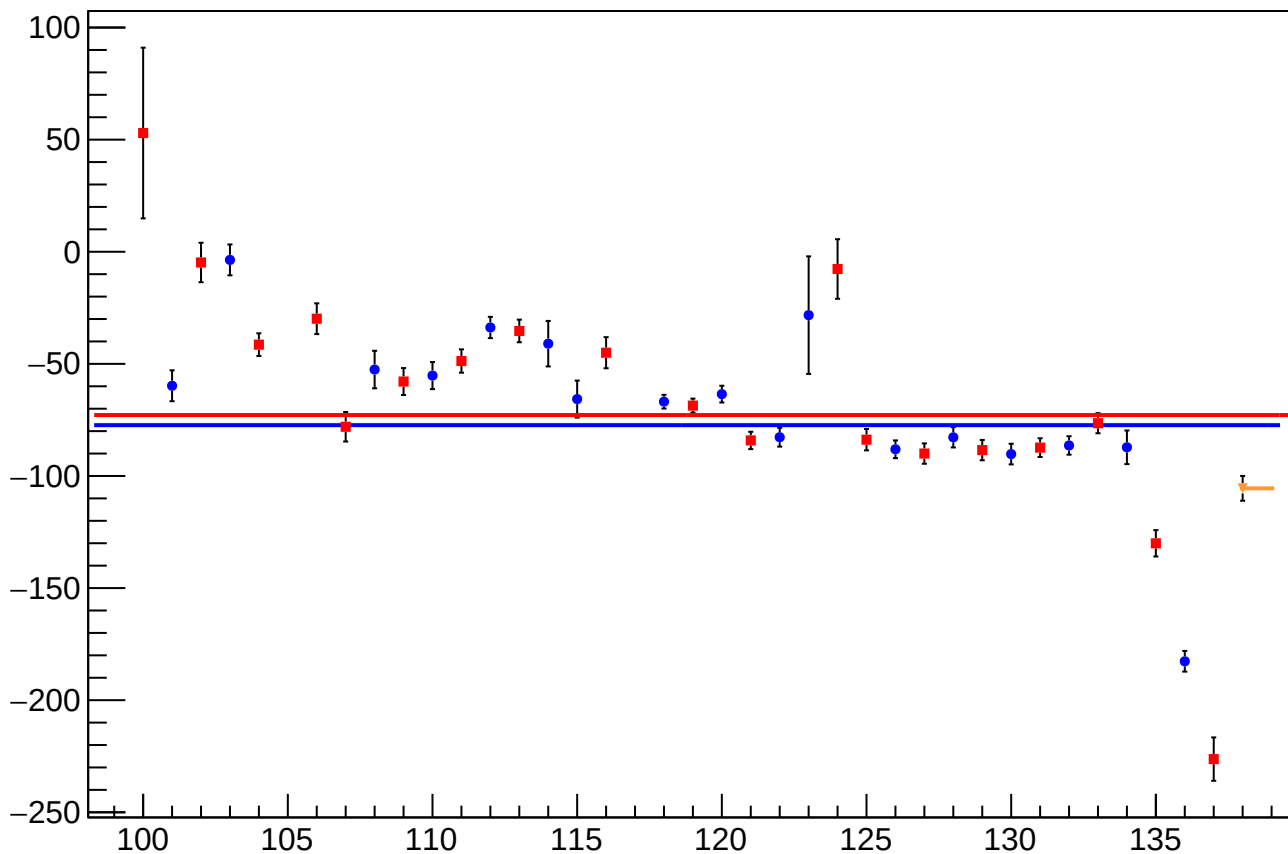
Right: -215.302 ± 1.389 χ^2/NDF : 3039.1/35

In: -218.925 ± 2.006 χ^2/NDF : 1146.6/16

Out: -211.014 ± 1.807 χ^2/NDF : 1888.3/19

All: -214.557 ± 1.343 χ^2/NDF : 3043.5/36

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: -105.517 $\pm$ 5.527 χ^2 /NDF:0.0/0

Right Out: -72.836 $\pm$ 1.209 χ^2 /NDF: 672.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: -105.517 $\pm$ 5.527 χ^2 /NDF: 0.0/0

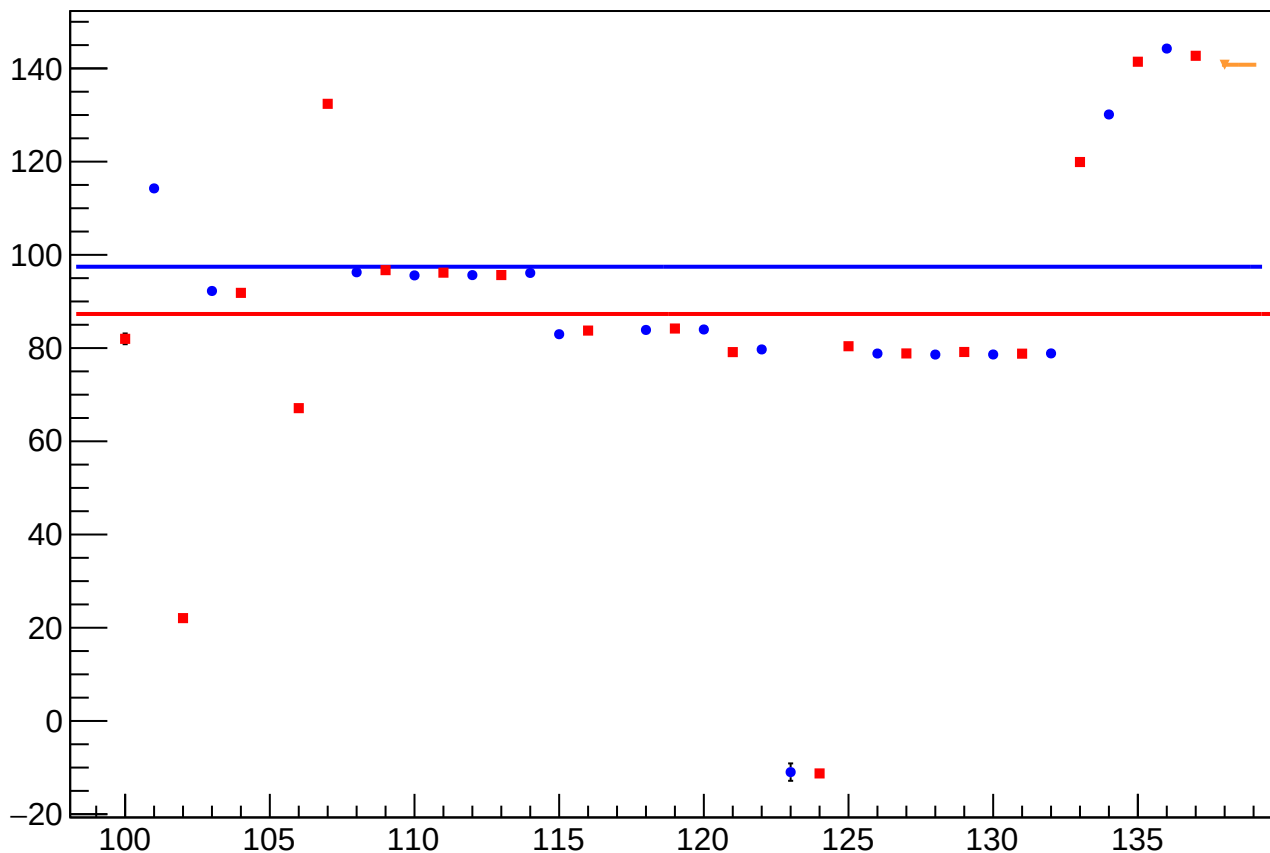
Right: -75.069 $\pm$ 0.858 χ^2 /NDF: 1497.0/35

In: -77.342 $\pm$ 1.219 χ^2 /NDF:817.2/16

Out: -74.327 $\pm$ 1.181 χ^2 /NDF:706.2/19

All: -75.786 $\pm$ 0.848 χ^2 /NDF: 1526.6/36

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: 140.788+/-0.208 χ^2/NDF : 0.0/0

Right Out: 87.315+/-0.068 χ^2/NDF : 221837.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 140.788+/-0.208 χ^2/NDF : 0.0/0

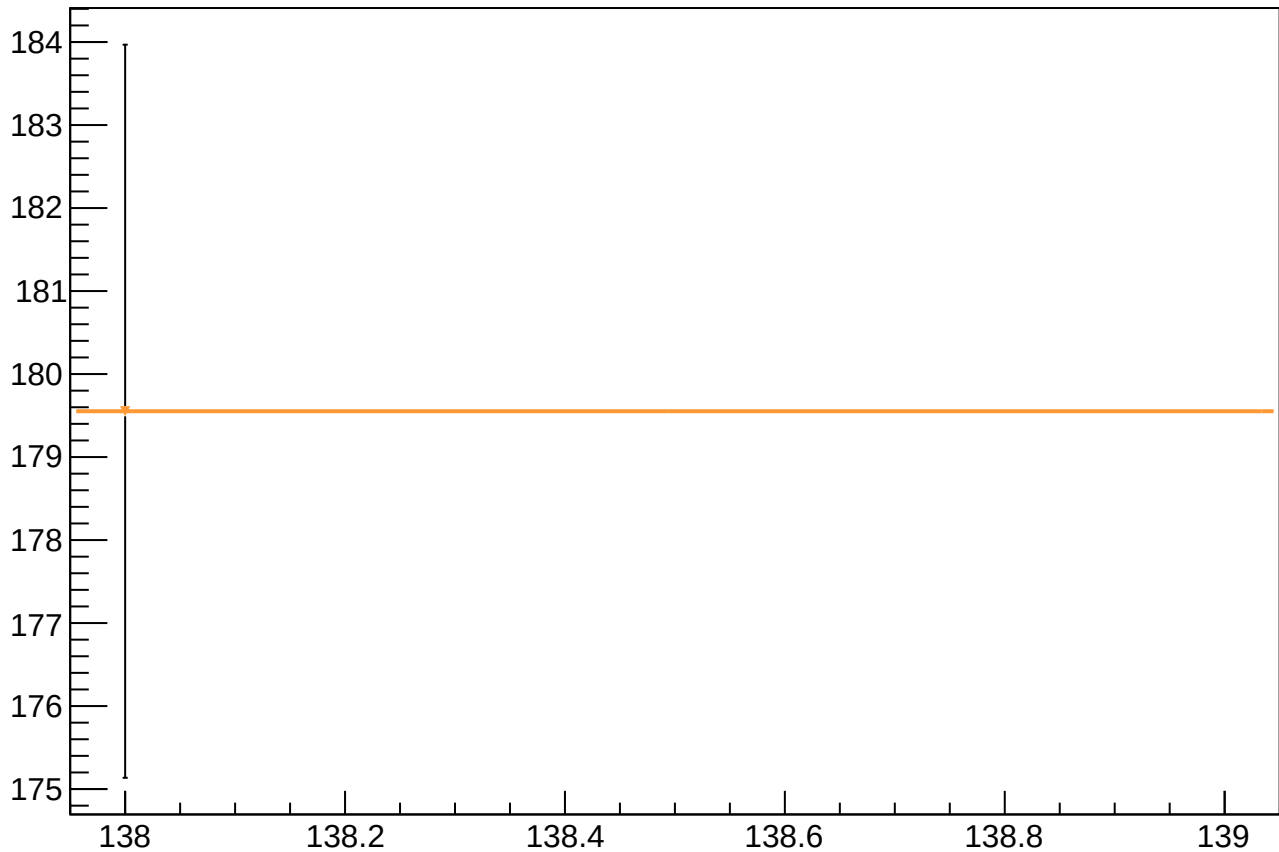
Right: 92.024+/-0.050 χ^2/NDF : 326563.7/35

In: 97.452+/-0.073 χ^2/NDF : 94476.4/16

Out: 92.492+/-0.065 χ^2/NDF : 281279.2/19

All: 94.671+/-0.049 χ^2/NDF : 378325.2/36

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: 179.552+/-4.416 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: 179.552+/-4.416 χ^2/NDF : 0.0/0

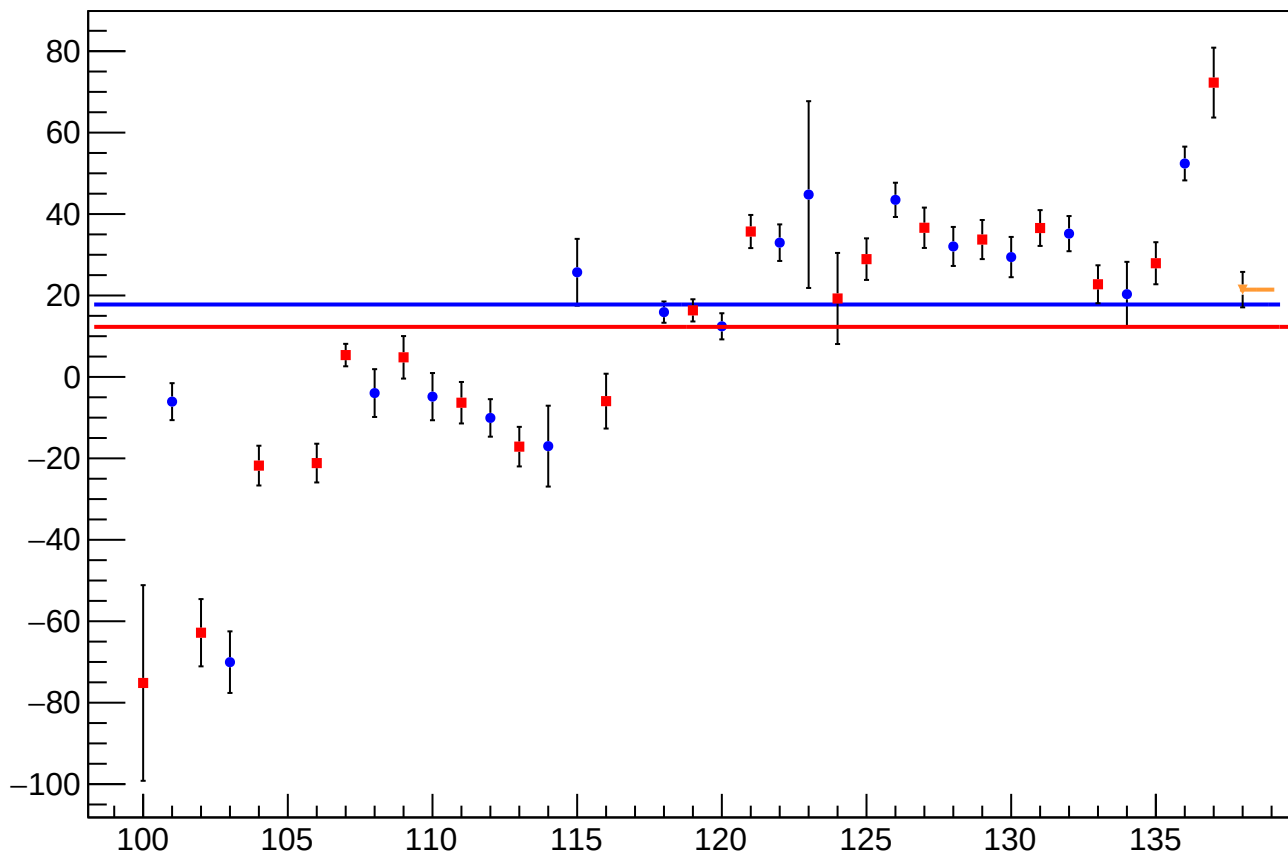
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 179.552+/-4.416 χ^2/NDF : 0.0/0

All: 179.552+/-4.416 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: 21.439 $\pm$ 4.354 χ^2 /NDF:0.0/0

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 21.439 $\pm$ 4.354 χ^2 /NDF: 0.0/0

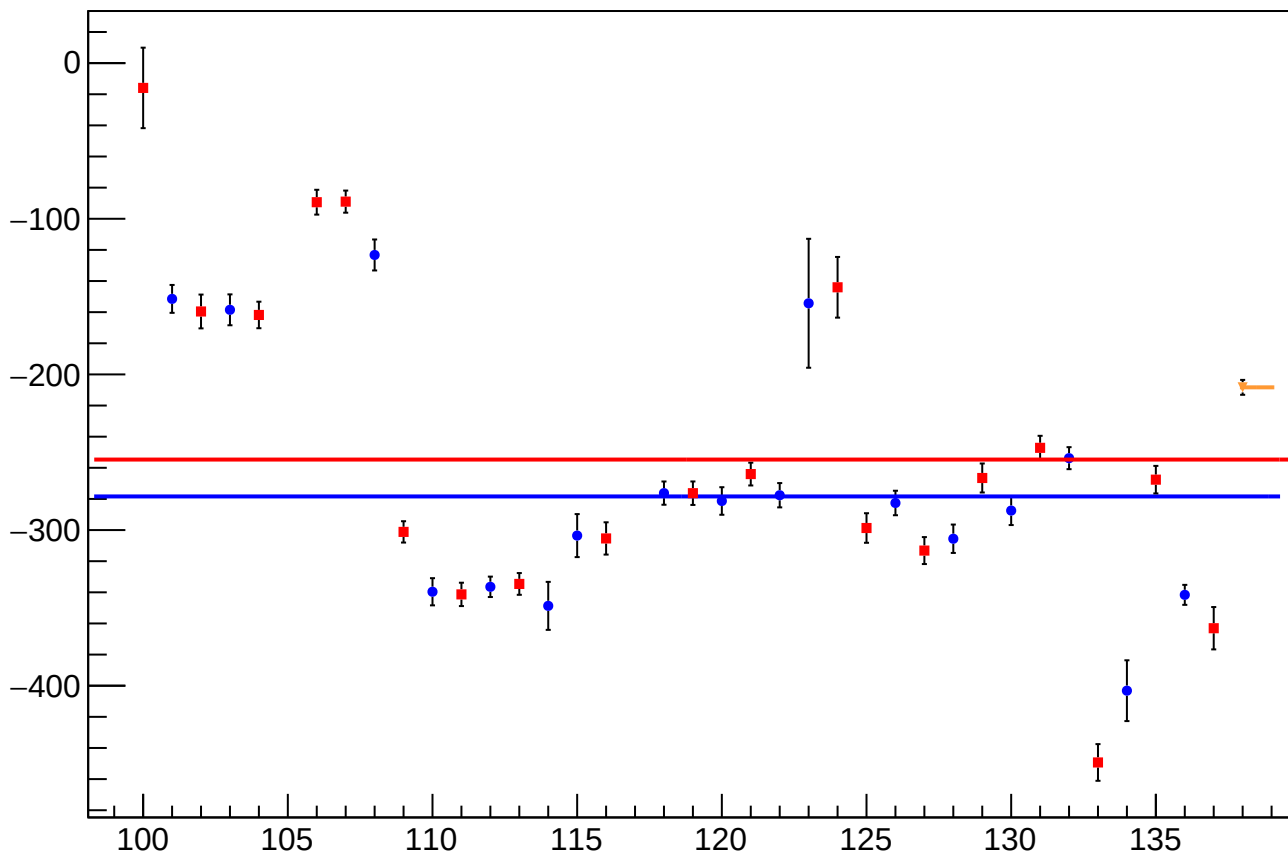
Right: 14.891 $\pm$ 0.788 χ^2 /NDF: 850.9/35

In: 17.786 $\pm$ 1.146 χ^2 /NDF:395.1/16

Out: 12.830 $\pm$ 1.054 χ^2 /NDF:447.9/19

All: 15.099 $\pm$ 0.776 χ^2 /NDF: 853.1/36

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: -208.304+/-4.787 χ^2/NDF : 0.0/0

Right Out: -254.703+/-2.020 χ^2/NDF : 2038.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -208.304+/-4.787 χ^2/NDF : 0.0/0

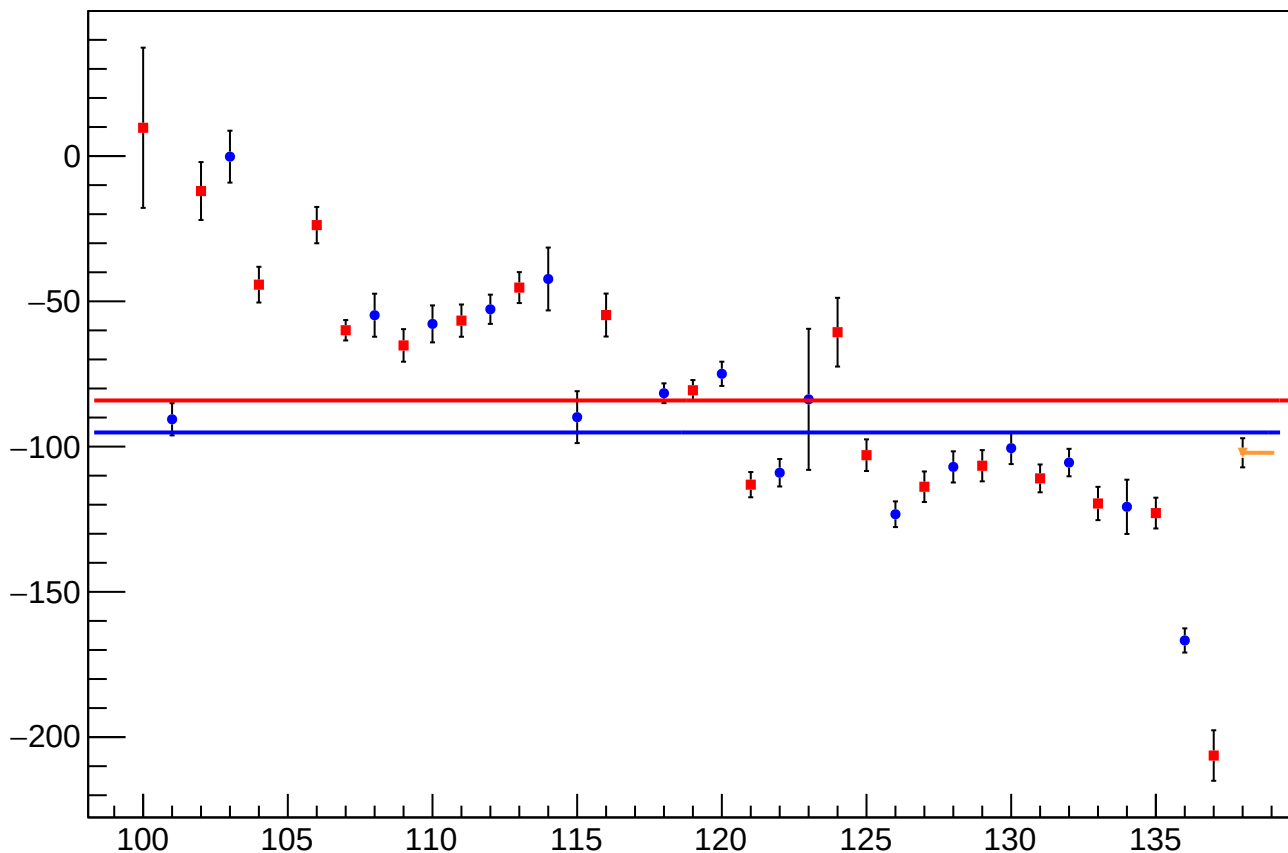
Right: -265.715+/-1.478 χ^2/NDF : 3013.0/35

In: -278.393+/-2.168 χ^2/NDF : 910.5/16

Out: -247.690+/-1.861 χ^2/NDF : 2118.2/19

All: -260.720+/-1.412 χ^2/NDF : 3144.3/36

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -102.130 ± 5.012 χ^2/NDF : 0.0/0

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: -102.130 ± 5.012 χ^2/NDF : 0.0/0

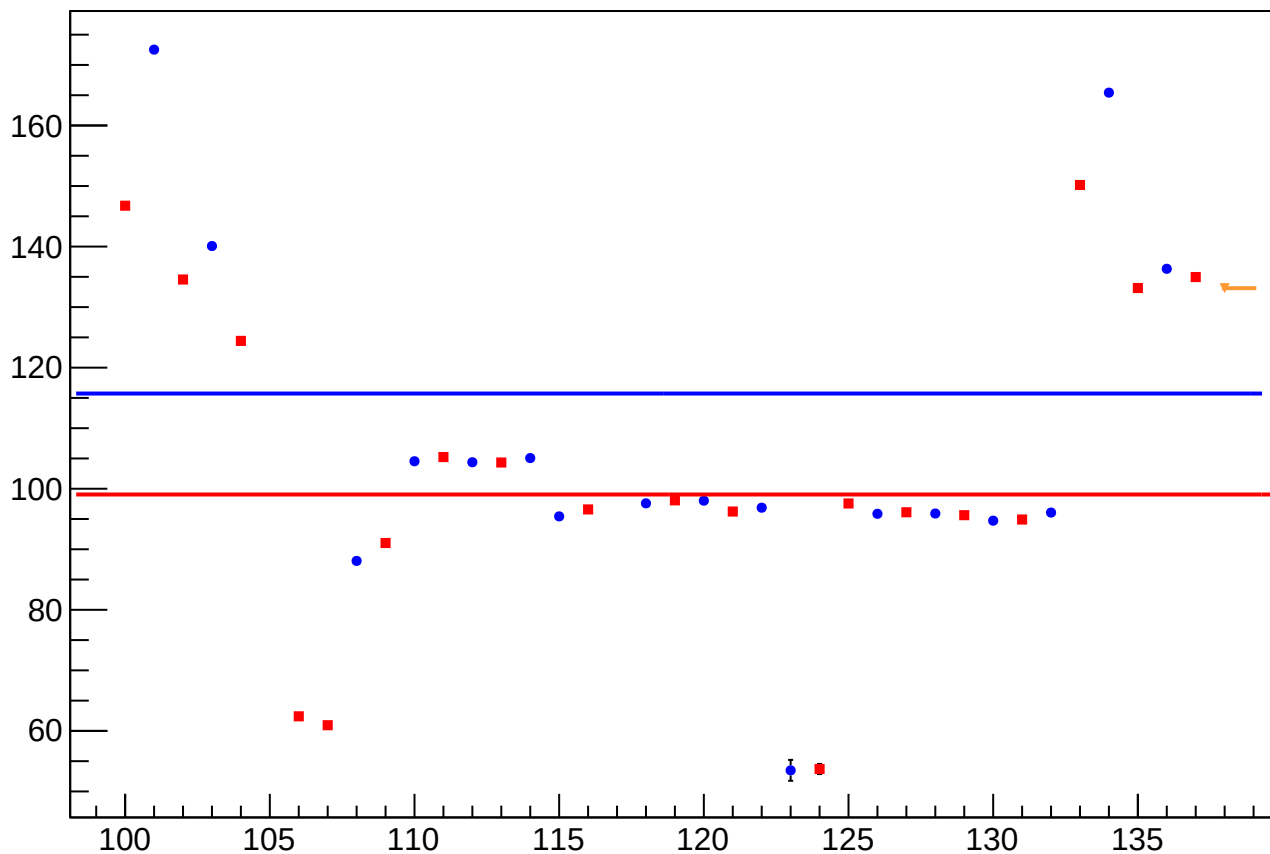
Right: -89.357 ± 0.912 χ^2/NDF : 1494.2/35

In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Out: -85.192 ± 1.221 χ^2/NDF : 795.0/19

All: -89.767 ± 0.897 χ^2/NDF : 1500.4/36

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: 133.130 $\pm$ 0.190 χ^2 /NDF:0.0/0

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 133.130 $\pm$ 0.190 χ^2 /NDF: 0.0/0

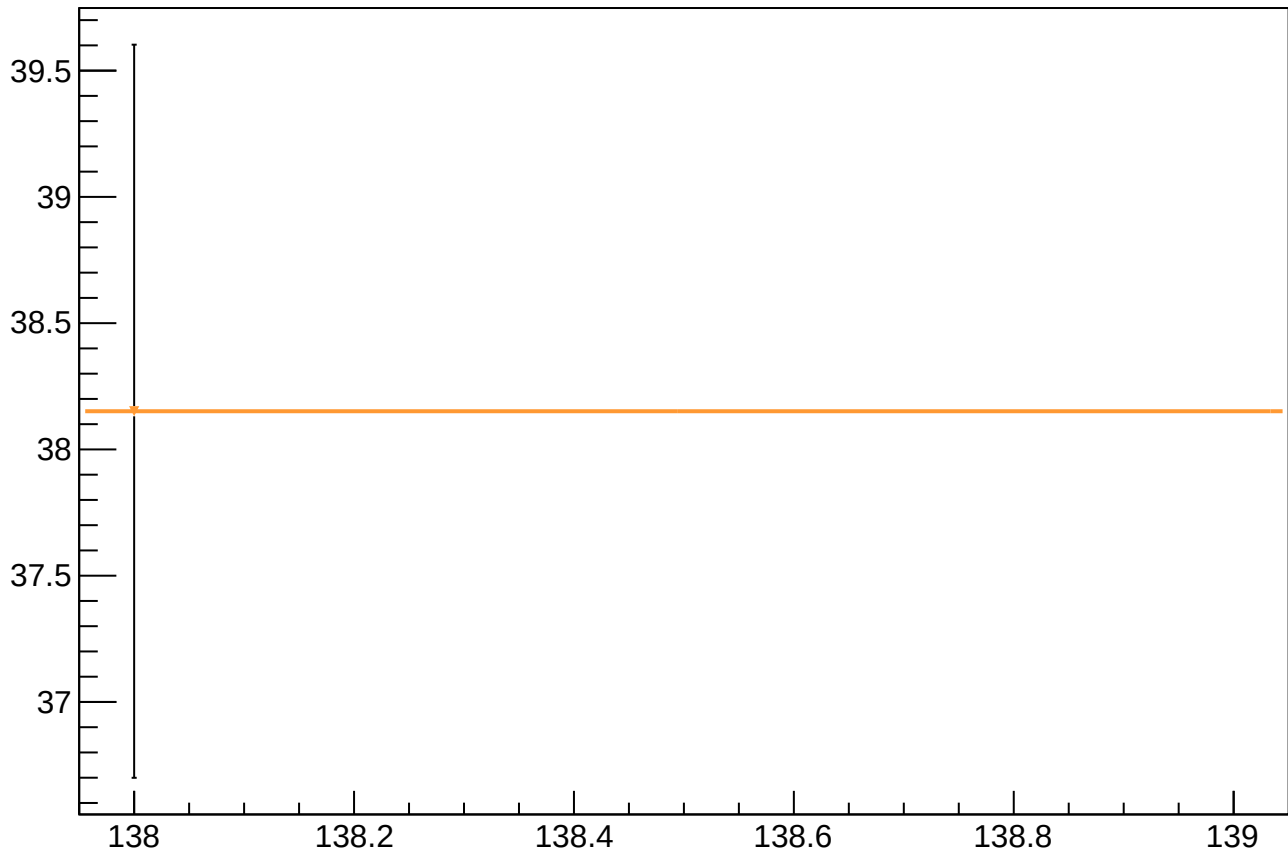
Right: 106.312 $\pm$ 0.051 χ^2 /NDF: 305658.4/35

In: 115.724 $\pm$ 0.078 χ^2 /NDF:106388.1/16

Out: 102.960 $\pm$ 0.064 χ^2 /NDF:201866.4/19

All: 108.140 $\pm$ 0.050 χ^2 /NDF: 324170.9/36

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: 38.151+/-1.452 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: 38.151+/-1.452 χ^2/NDF : 0.0/0

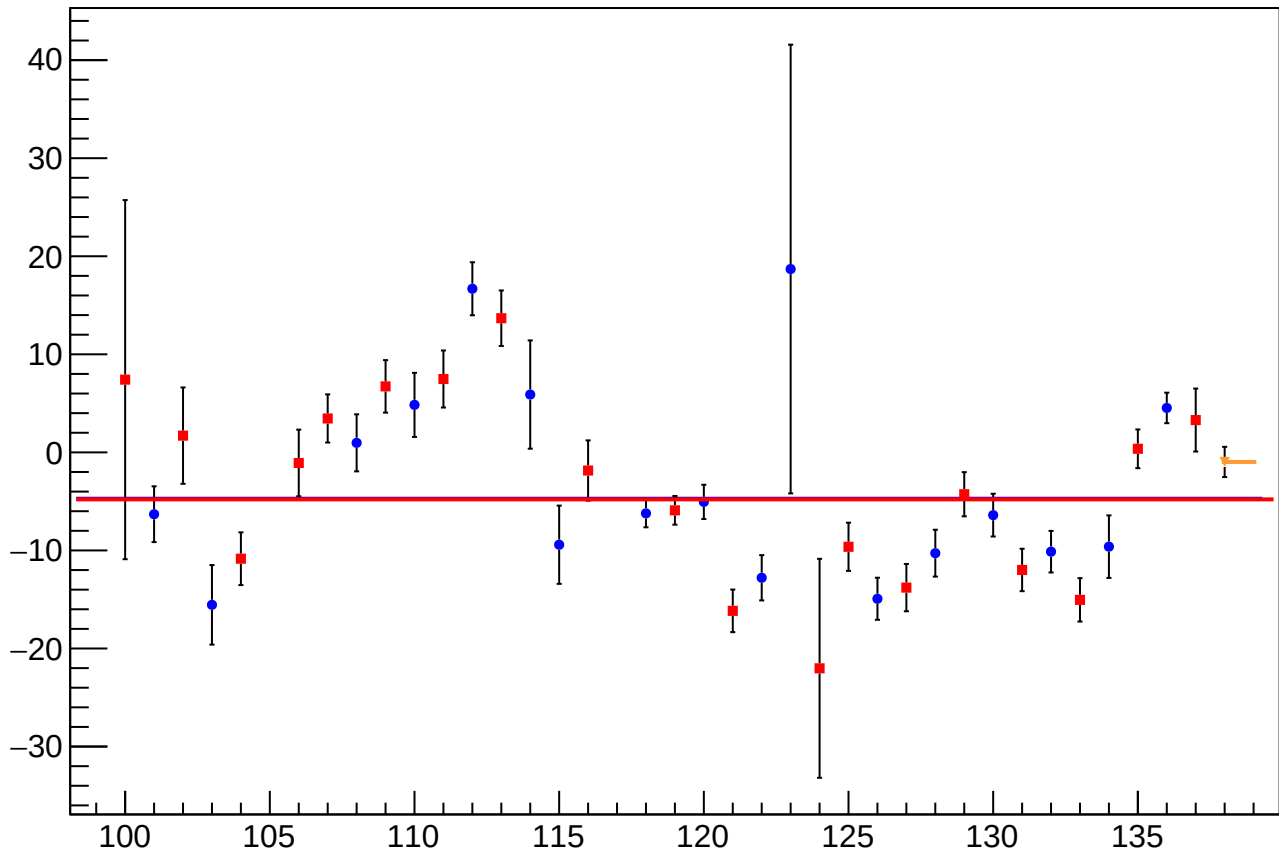
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 38.151+/-1.452 χ^2/NDF : 0.0/0

All: 38.151+/-1.452 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730 ± 0.580 $\chi^2/\text{NDF}: 174.8/16$

Left Out: -0.976 ± 1.541 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.793 ± 0.586 $\chi^2/\text{NDF}: 193.5/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: -0.976 ± 1.541 $\chi^2/\text{NDF}: 0.0/0$

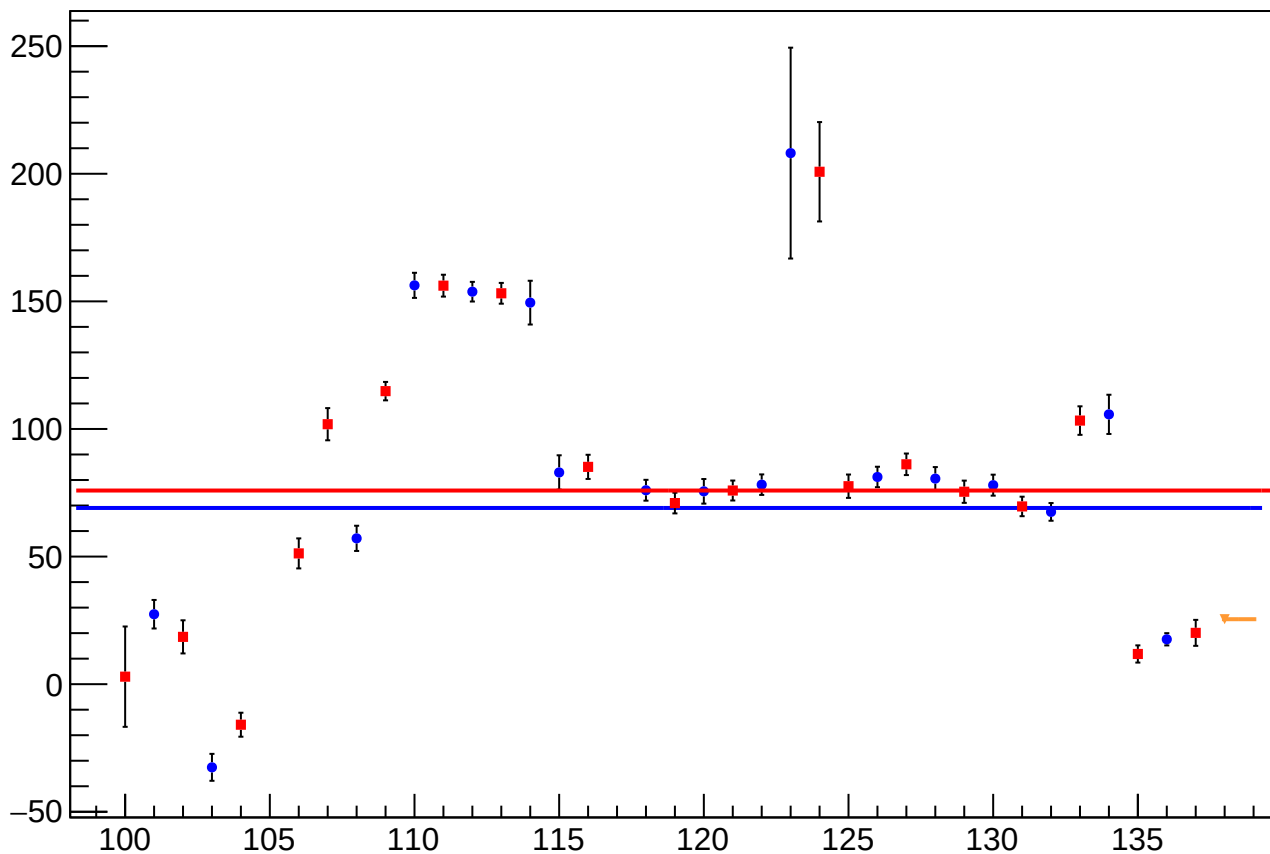
Right: -4.761 ± 0.412 $\chi^2/\text{NDF}: 368.3/35$

In: -4.730 ± 0.580 $\chi^2/\text{NDF}: 174.8/16$

Out: -4.311 ± 0.547 $\chi^2/\text{NDF}: 198.8/19$

All: -4.509 ± 0.398 $\chi^2/\text{NDF}: 373.9/36$

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: 25.458 $\pm$ 1.575 χ^2 /NDF:0.0/0

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 25.458 $\pm$ 1.575 χ^2 /NDF: 0.0/0

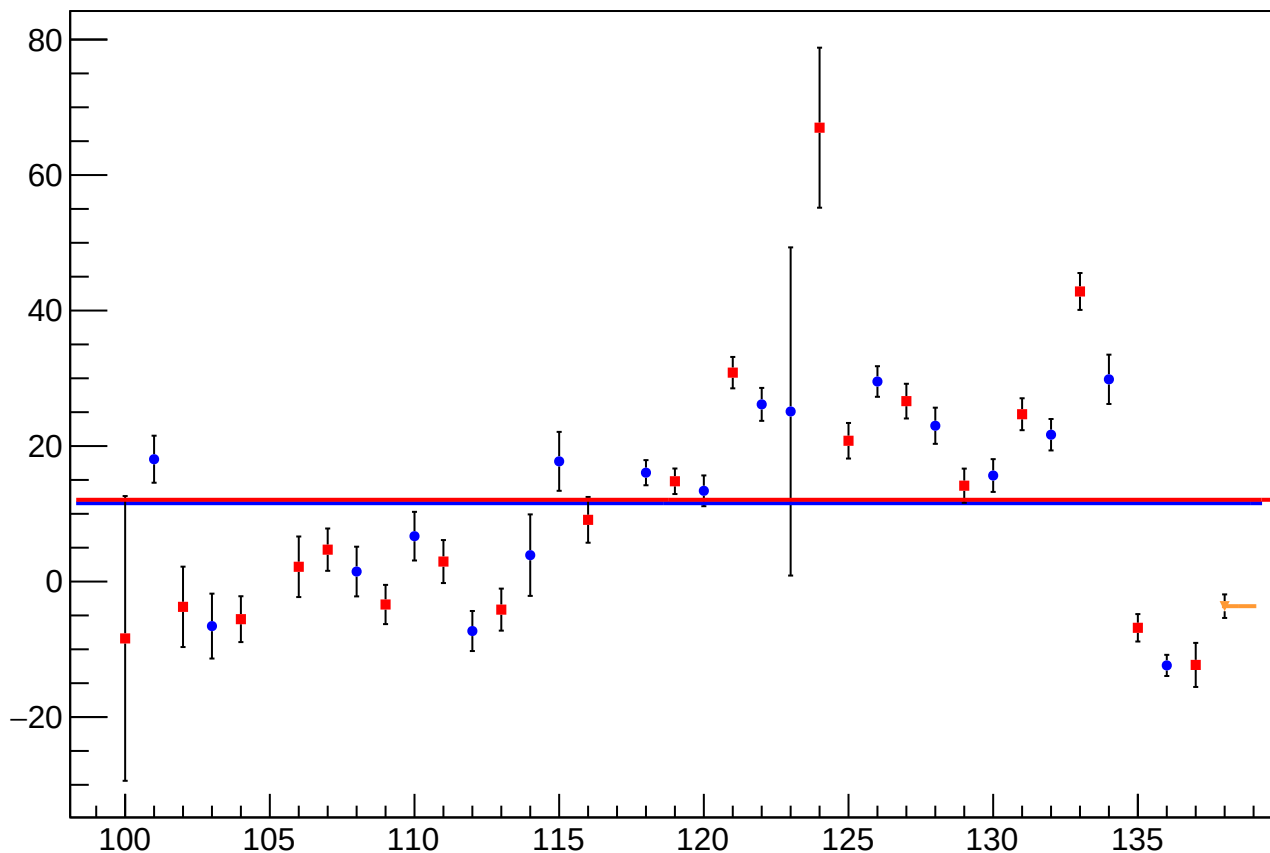
Right: 72.486 $\pm$ 0.759 χ^2 /NDF: 3763.1/35

In: 69.048 $\pm$ 1.077 χ^2 /NDF:1847.9/16

Out: 59.960 $\pm$ 0.885 χ^2 /NDF:2596.7/19

All: 63.623 $\pm$ 0.684 χ^2 /NDF: 4487.1/36

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565+/-0.658 χ^2/NDF : 478.2/16

Left Out: -3.632+/-1.738 χ^2/NDF : 0.0/0

Right Out: 12.071+/-0.665 χ^2/NDF : 543.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -3.632+/-1.738 χ^2/NDF : 0.0/0

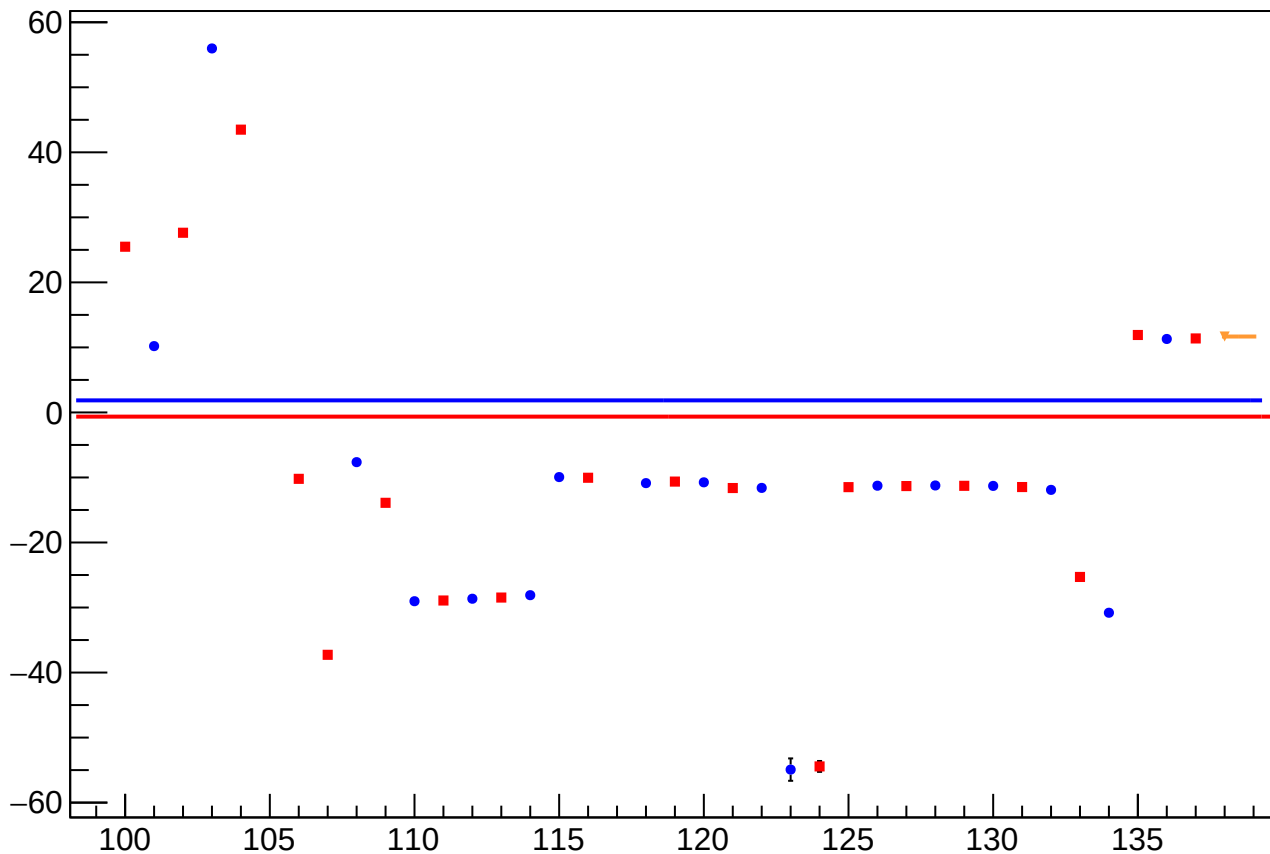
Right: 11.816+/-0.468 χ^2/NDF : 1021.8/35

In: 11.565+/-0.658 χ^2/NDF : 478.2/16

Out: 10.069+/-0.621 χ^2/NDF : 614.5/19

All: 10.773+/-0.452 χ^2/NDF : 1095.5/36

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Left Out: 11.673+/-0.061 χ^2/NDF : 0.0/0

Right Out: -0.644+/-0.037 χ^2/NDF : 361625.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 11.673+/-0.061 χ^2/NDF : 0.0/0

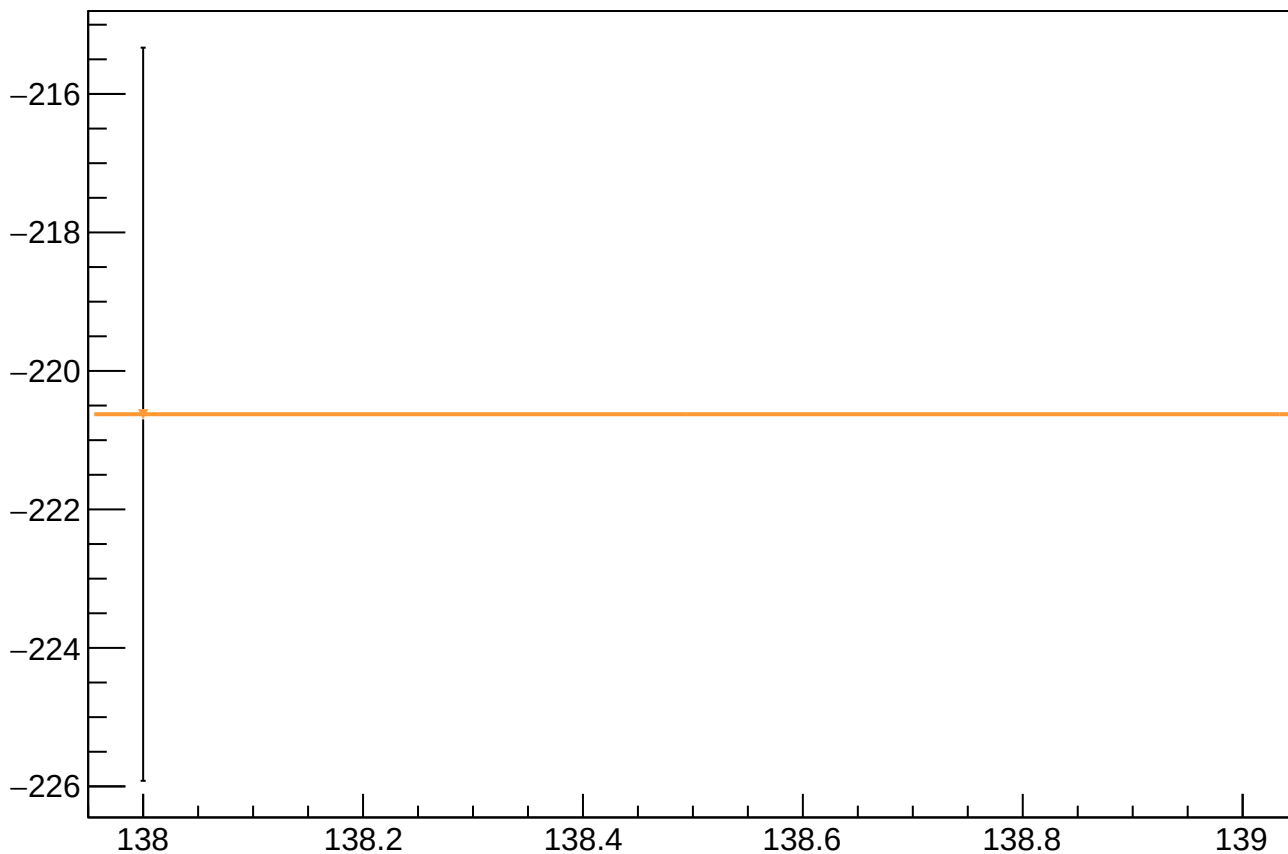
Right: 0.608+/-0.026 χ^2/NDF : 723318.4/35

In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Out: 2.652+/-0.032 χ^2/NDF : 391198.9/19

All: 2.315+/-0.024 χ^2/NDF : 750880.3/36

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: -220.625+/-5.294 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: -220.625+/-5.294 χ^2/NDF : 0.0/0

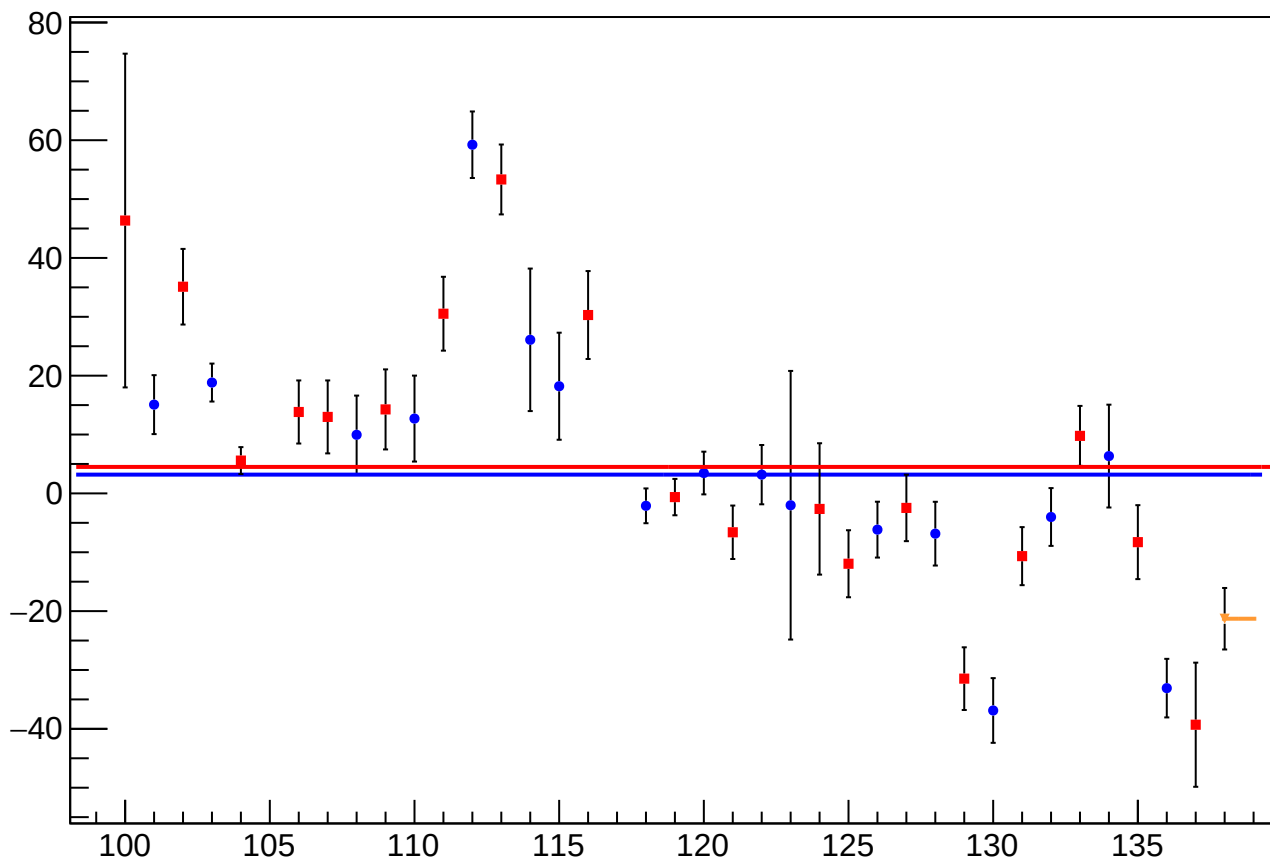
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -220.625+/-5.294 χ^2/NDF : 0.0/0

All: -220.625+/-5.294 χ^2/NDF : 0.0/0

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: -21.292+/-5.225 χ^2/NDF : 0.0/0

Right Out: 4.497+/-1.160 χ^2/NDF : 225.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -21.292+/-5.225 χ^2/NDF : 0.0/0

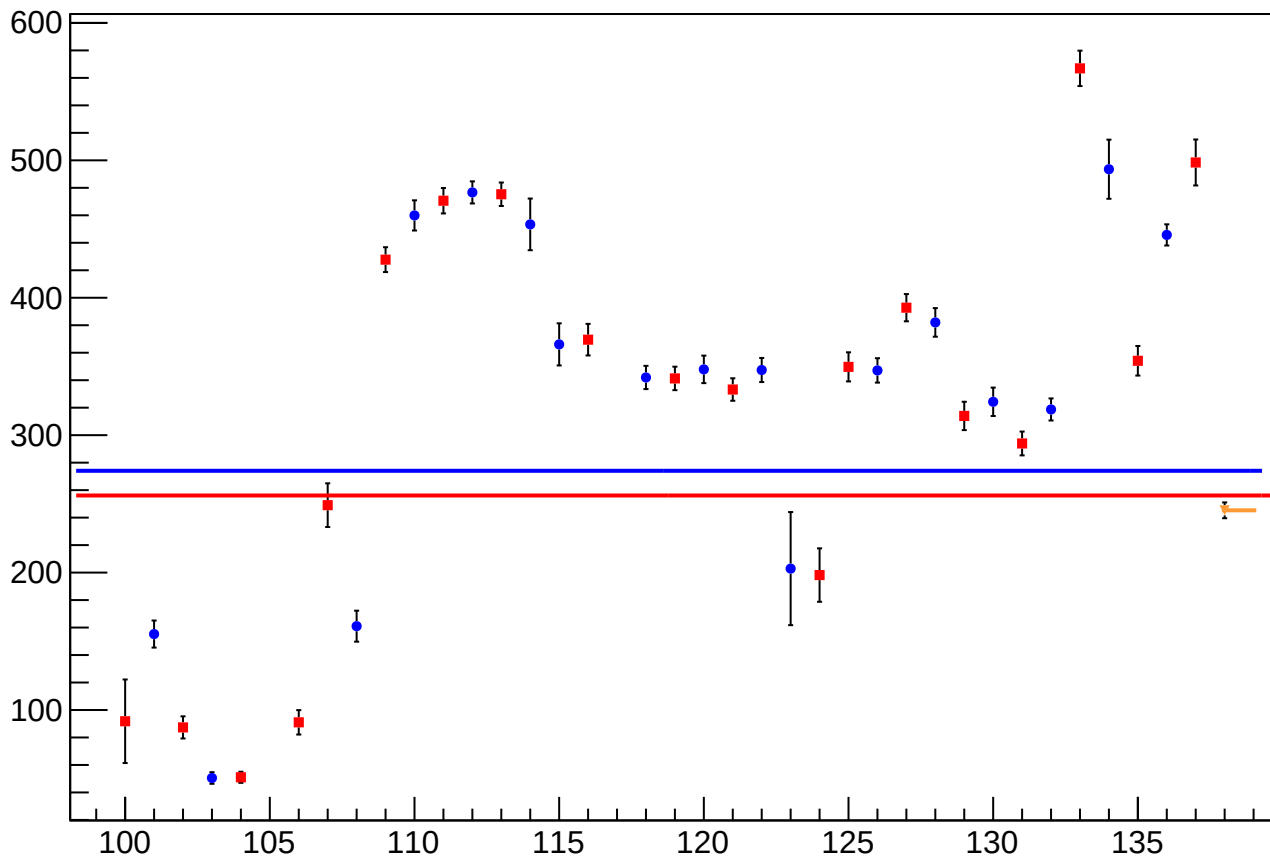
Right: 3.879+/-0.842 χ^2/NDF : 481.7/35

In: 3.188+/-1.225 χ^2/NDF : 255.6/16

Out: 3.287+/-1.132 χ^2/NDF : 248.6/19

All: 3.241+/-0.832 χ^2/NDF : 504.3/36

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: 245.312+/-5.739 χ^2/NDF :0.0/0

Right Out: 256.109+/-2.080 χ^2/NDF : 6444.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 245.312+/-5.739 χ^2/NDF : 0.0/0

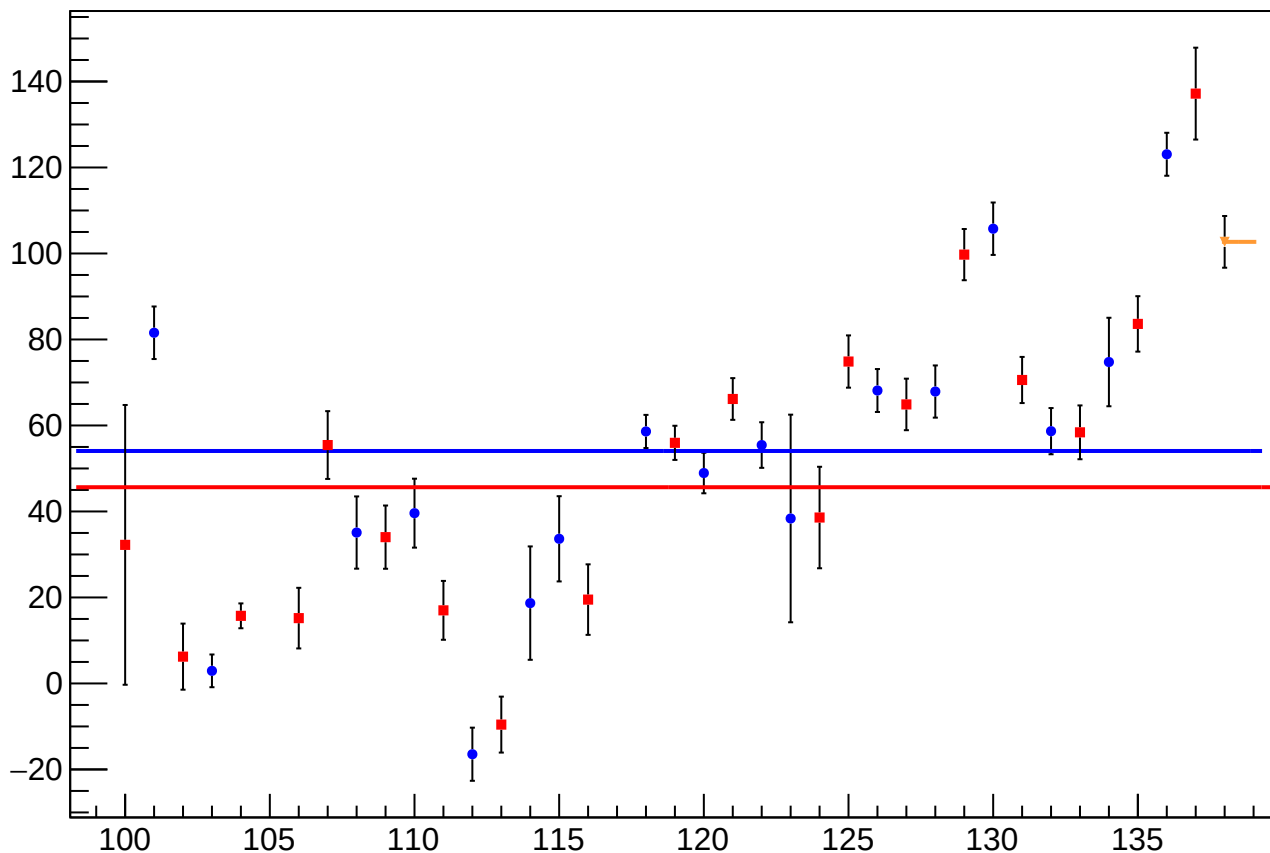
Right: 264.628+/-1.509 χ^2/NDF : 11591.4/35

In: 274.079+/-2.191 χ^2/NDF :5112.0/16

Out: 254.855+/-1.956 χ^2/NDF :6447.2/19

All: 263.380+/-1.459 χ^2/NDF : 11602.0/36

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: 102.703 $\pm$ 6.015 χ^2 /NDF:0.0/0

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 102.703 $\pm$ 6.015 χ^2 /NDF: 0.0/0

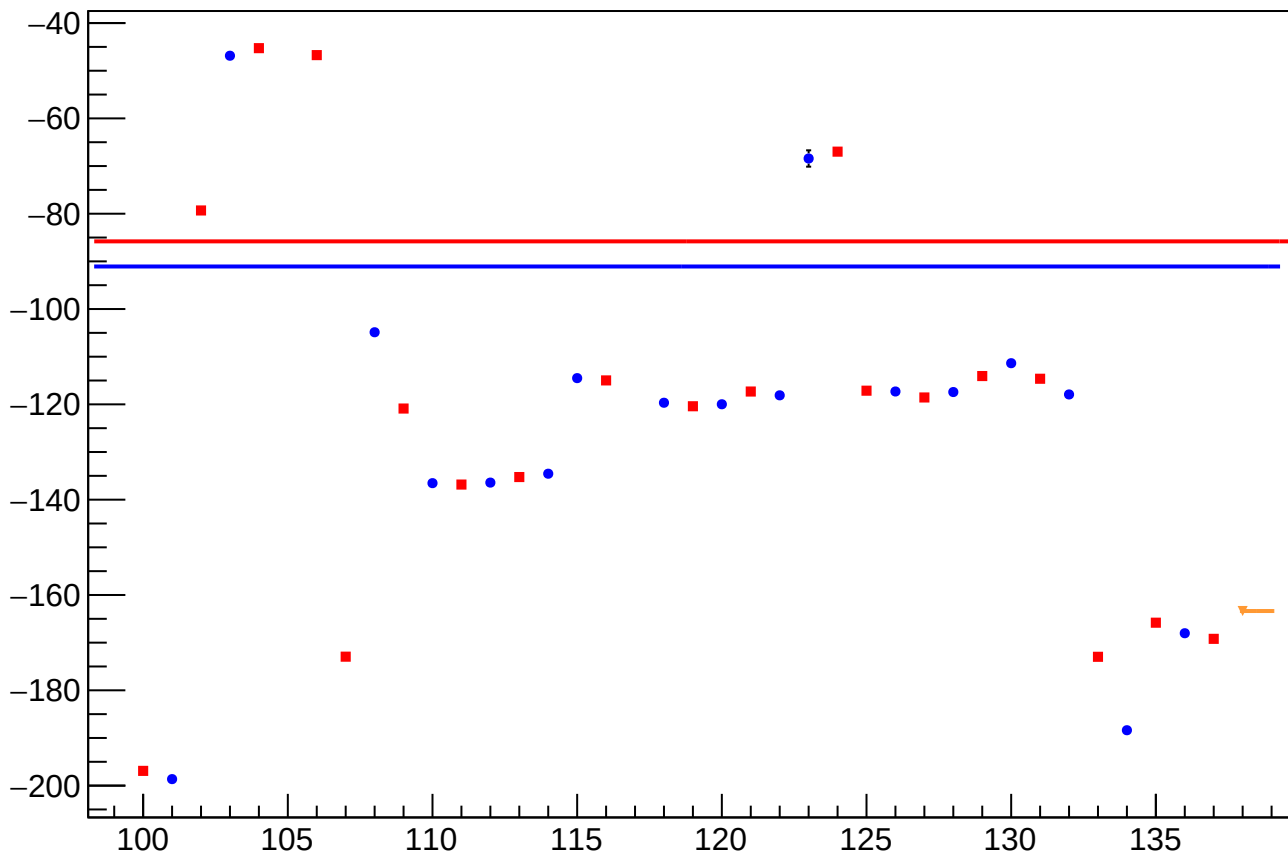
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 54.065 $\pm$ 1.421 χ^2 /NDF:634.4/16

Out: 48.408 $\pm$ 1.326 χ^2 /NDF:616.4/19

All: 51.042 $\pm$ 0.969 χ^2 /NDF: 1259.3/36

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074 $\pm$ 0.068 χ^2 /NDF: 534647.5/16

Left Out: -163.364 $\pm$ 0.228 χ^2 /NDF:0.0/0

Right Out: -85.803 $\pm$ 0.065 χ^2 /NDF: 495895.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: -163.364 $\pm$ 0.228 χ^2 /NDF: 0.0/0

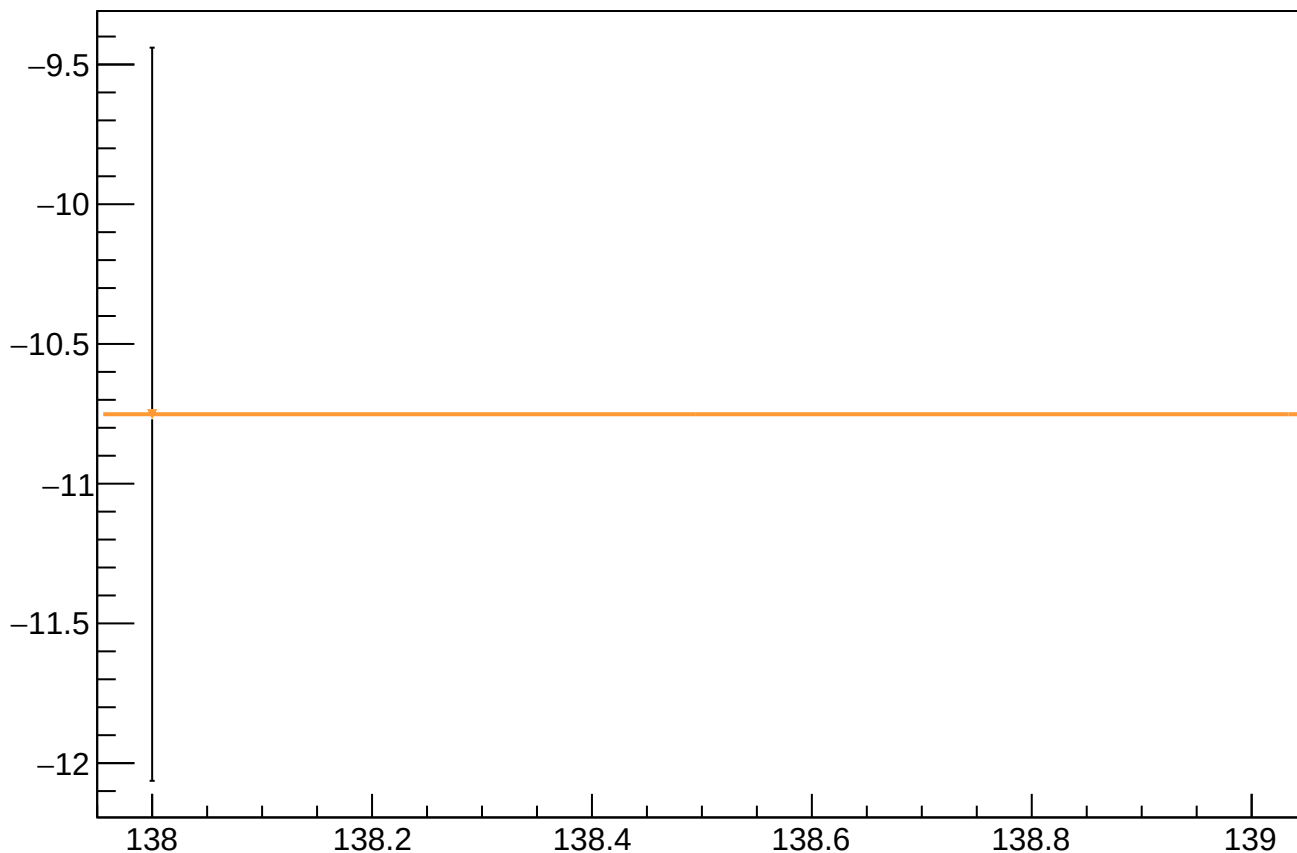
Right: -88.339 $\pm$ 0.047 χ^2 /NDF: 1033703.0/35

In: -91.074 $\pm$ 0.068 χ^2 /NDF:534647.5/16

Out: -91.639 $\pm$ 0.063 χ^2 /NDF:602906.1/19

All: -91.378 $\pm$ 0.046 χ^2 /NDF: 1137591.4/36

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: -10.752+/-1.312 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: -10.752+/-1.312 χ^2/NDF : 0.0/0

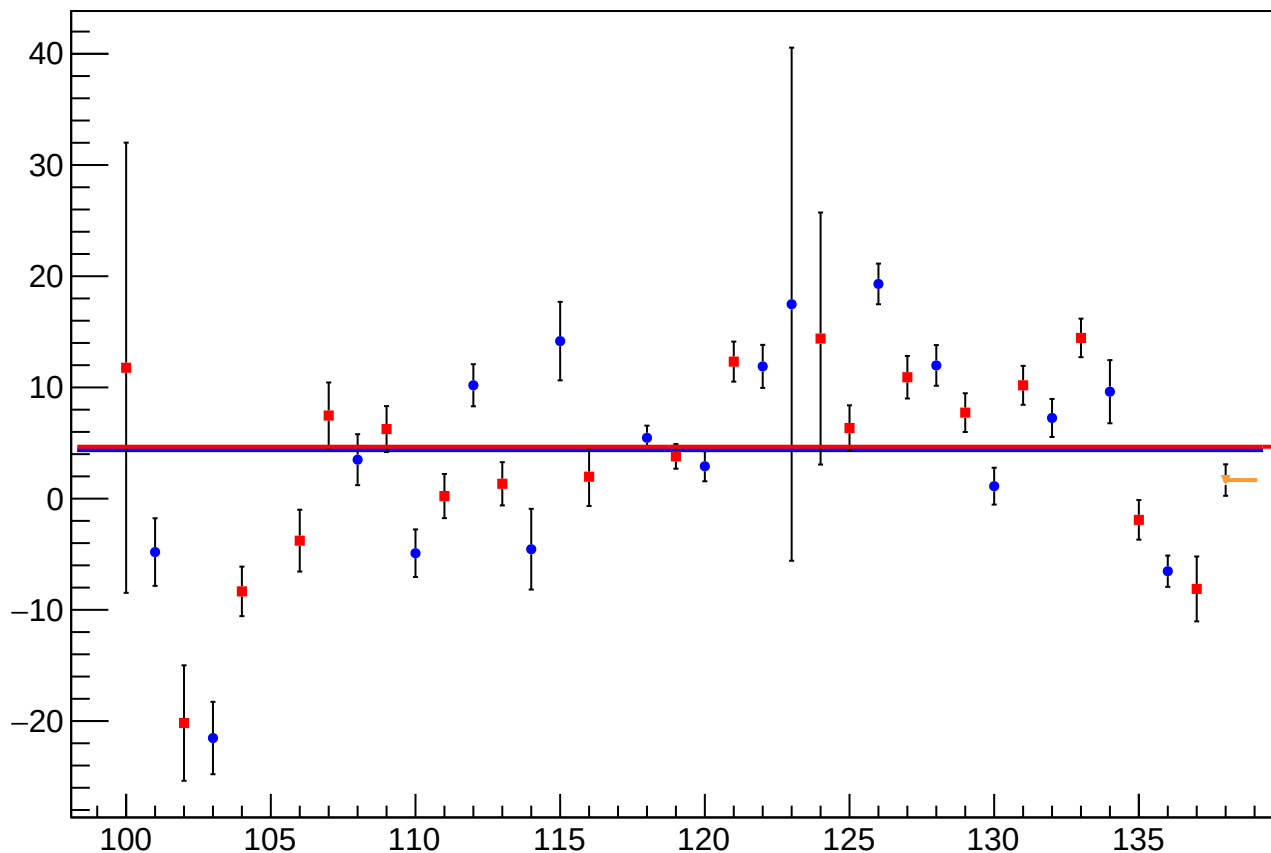
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -10.752+/-1.312 χ^2/NDF : 0.0/0

All: -10.752+/-1.312 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361+/-0.464 χ^2/NDF : 286.5/16

Left Out: 1.671+/-1.415 χ^2/NDF :0.0/0

Right Out: 4.670+/-0.474 χ^2/NDF : 185.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 1.671+/-1.415 χ^2/NDF : 0.0/0

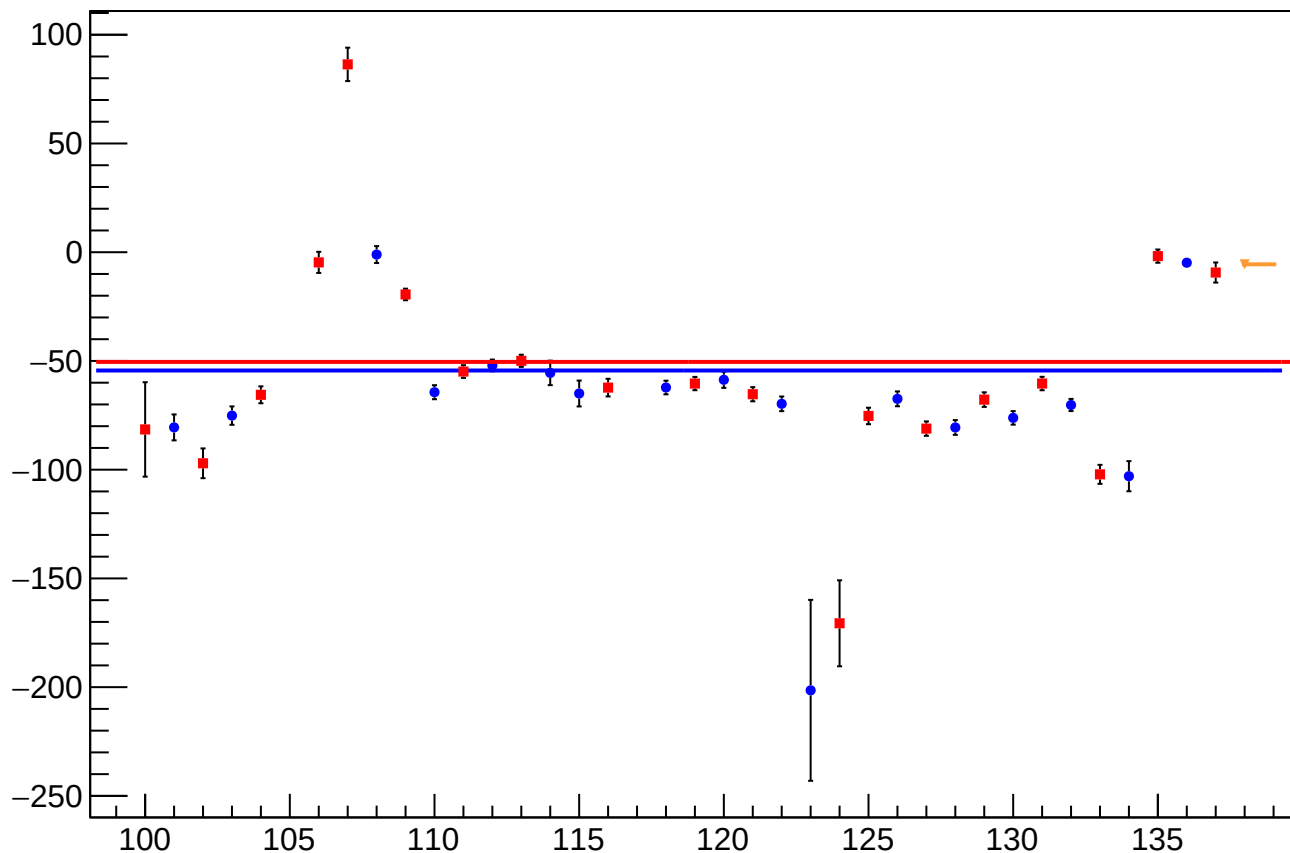
Right: 4.512+/-0.332 χ^2/NDF : 472.1/35

In: 4.361+/-0.464 χ^2/NDF :286.5/16

Out: 4.367+/-0.450 χ^2/NDF :189.4/19

All: 4.364+/-0.323 χ^2/NDF : 475.9/36

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 $\pm$ 0.863 χ^2 /NDF: 1013.4/16

Left Out: -5.570 $\pm$ 1.423 χ^2 /NDF:0.0/0

Right Out: -50.441 $\pm$ 0.857 χ^2 /NDF: 1324.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: -5.570 $\pm$ 1.423 χ^2 /NDF: 0.0/0

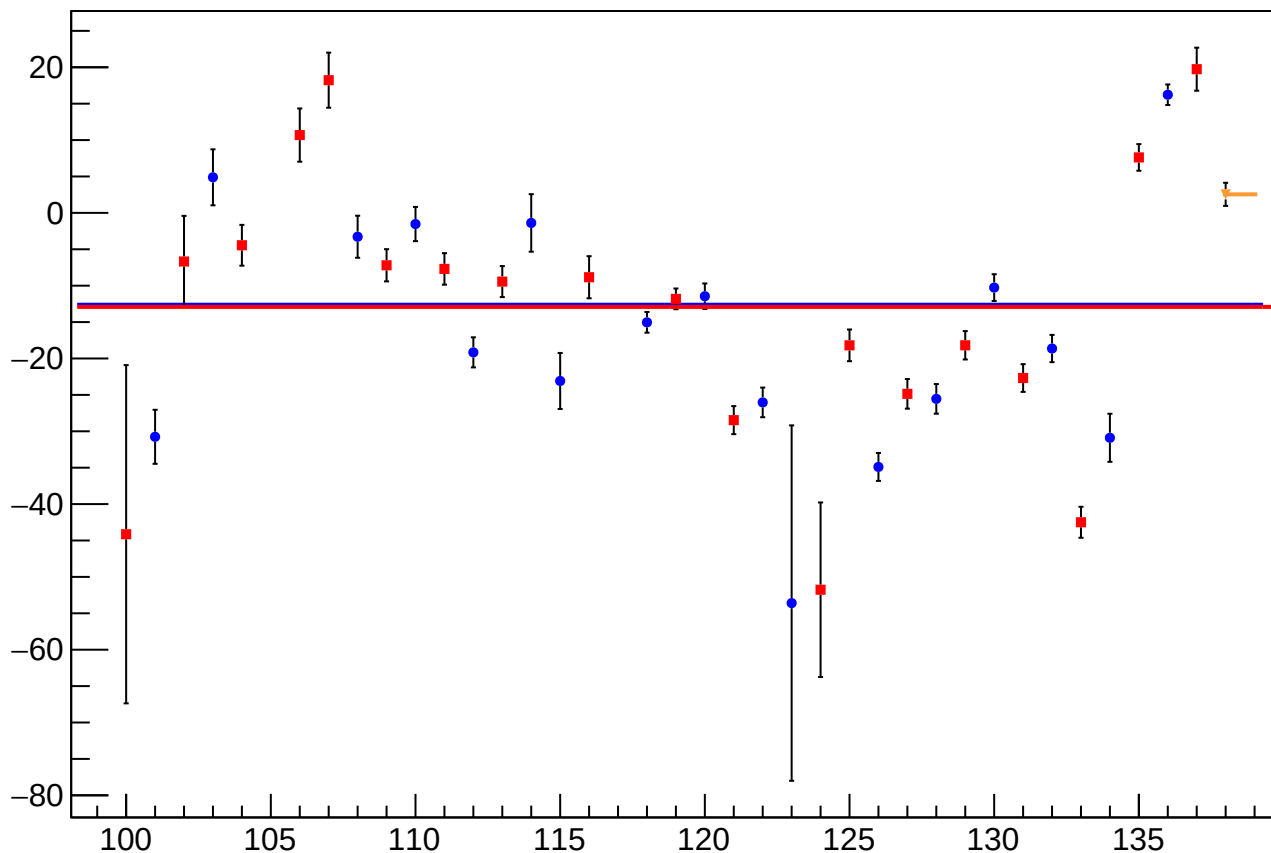
Right: -52.405 $\pm$ 0.608 χ^2 /NDF: 2348.7/35

In: -54.392 $\pm$ 0.863 χ^2 /NDF:1013.4/16

Out: -38.490 $\pm$ 0.734 χ^2 /NDF:2054.2/19

All: -45.173 $\pm$ 0.559 χ^2 /NDF: 3264.7/36

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616 $\pm$ 0.530 χ^2 /NDF: 788.2/16

Left Out: 2.545 $\pm$ 1.589 χ^2 /NDF:0.0/0

Right Out: -12.912 $\pm$ 0.538 χ^2 /NDF: 730.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 2.545 $\pm$ 1.589 χ^2 /NDF: 0.0/0

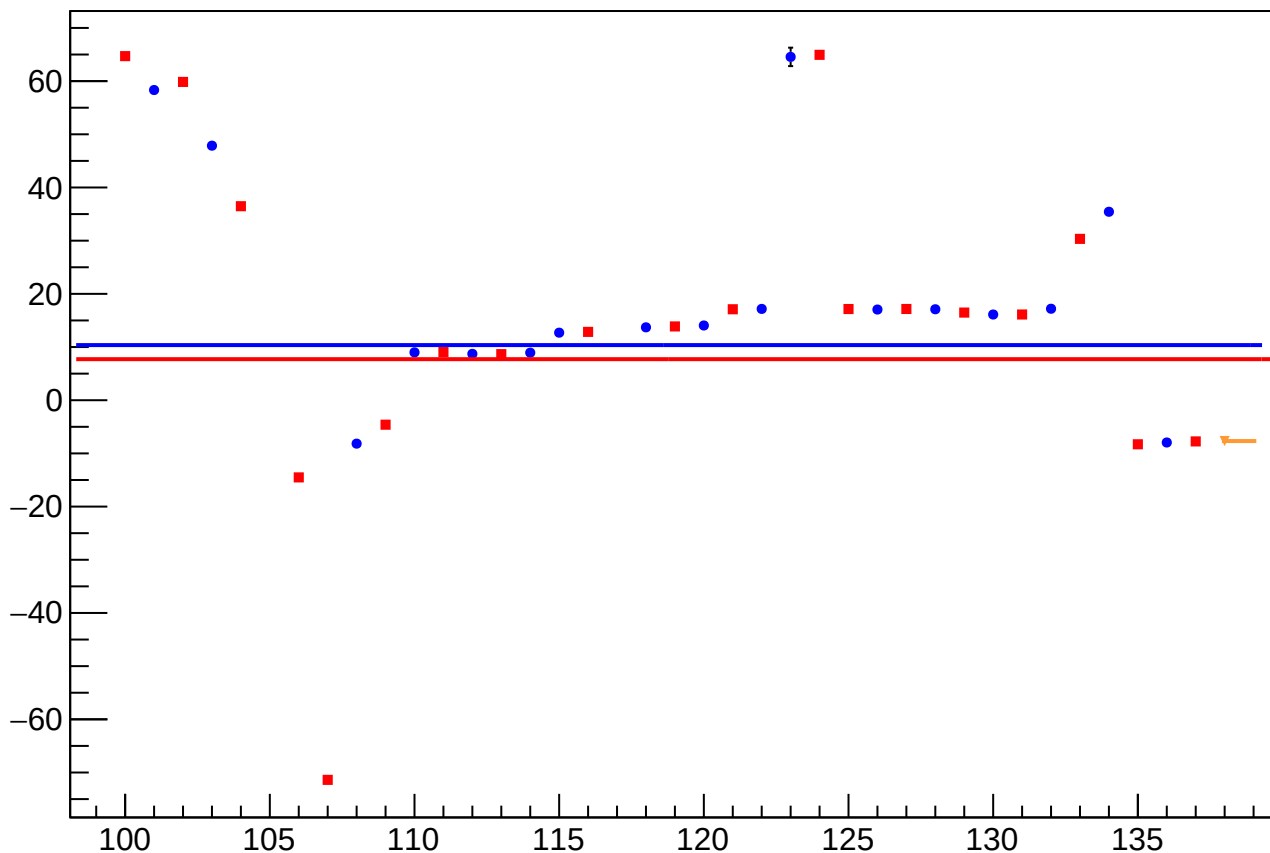
Right: -12.762 $\pm$ 0.378 χ^2 /NDF: 1518.6/35

In: -12.616 $\pm$ 0.530 χ^2 /NDF:788.2/16

Out: -11.321 $\pm$ 0.510 χ^2 /NDF:815.1/19

All: -11.943 $\pm$ 0.367 χ^2 /NDF: 1606.5/36

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: -7.675+/-0.055 χ^2/NDF : 0.0/0

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -7.675+/-0.055 χ^2/NDF : 0.0/0

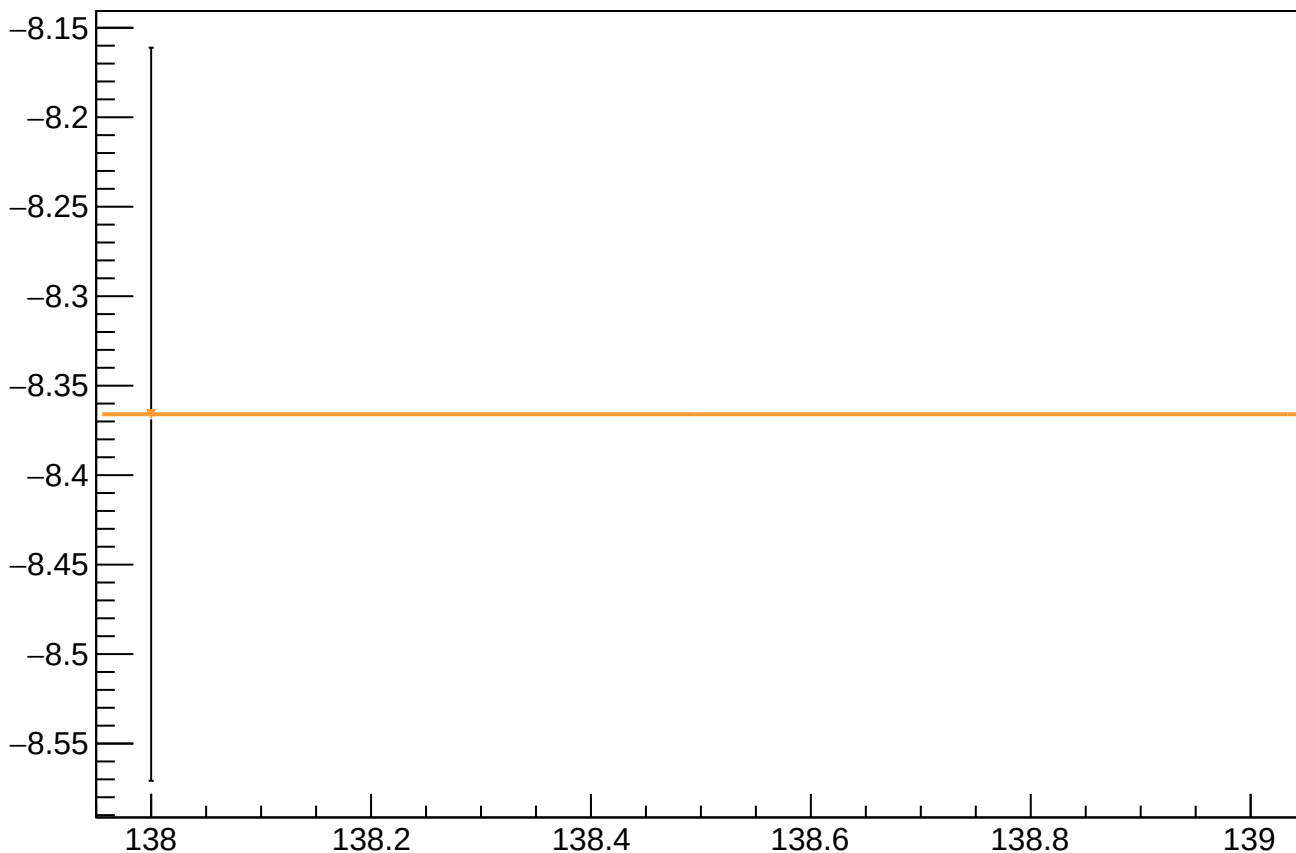
Right: 9.073+/-0.022 χ^2/NDF : 929756.2/35

In: 10.366+/-0.031 χ^2/NDF : 381003.5/16

Out: 3.984+/-0.027 χ^2/NDF : 603955.0/19

All: 6.807+/-0.020 χ^2/NDF : 1009312.9/36

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: -8.366 $\pm$ 0.205 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: -8.366 $\pm$ 0.205 χ^2 /NDF: 0.0/0

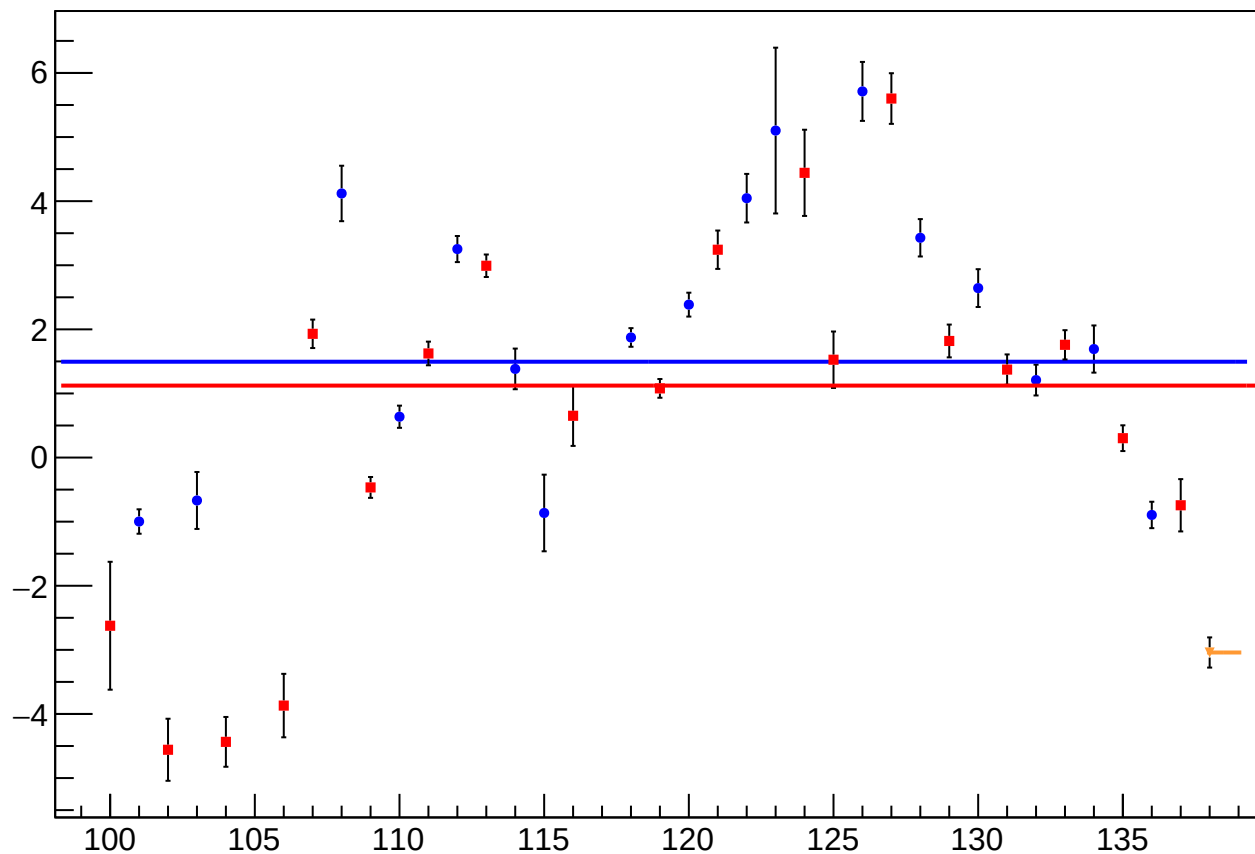
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: -8.366 $\pm$ 0.205 χ^2 /NDF: 0.0/0

All: -8.366 $\pm$ 0.205 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 $\pm$ 0.061 χ^2 /NDF: 708.8/16

Left Out: -3.041 $\pm$ 0.235 χ^2 /NDF:0.0/0

Right Out: 1.123 $\pm$ 0.058 χ^2 /NDF: 946.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: -3.041 $\pm$ 0.235 χ^2 /NDF: 0.0/0

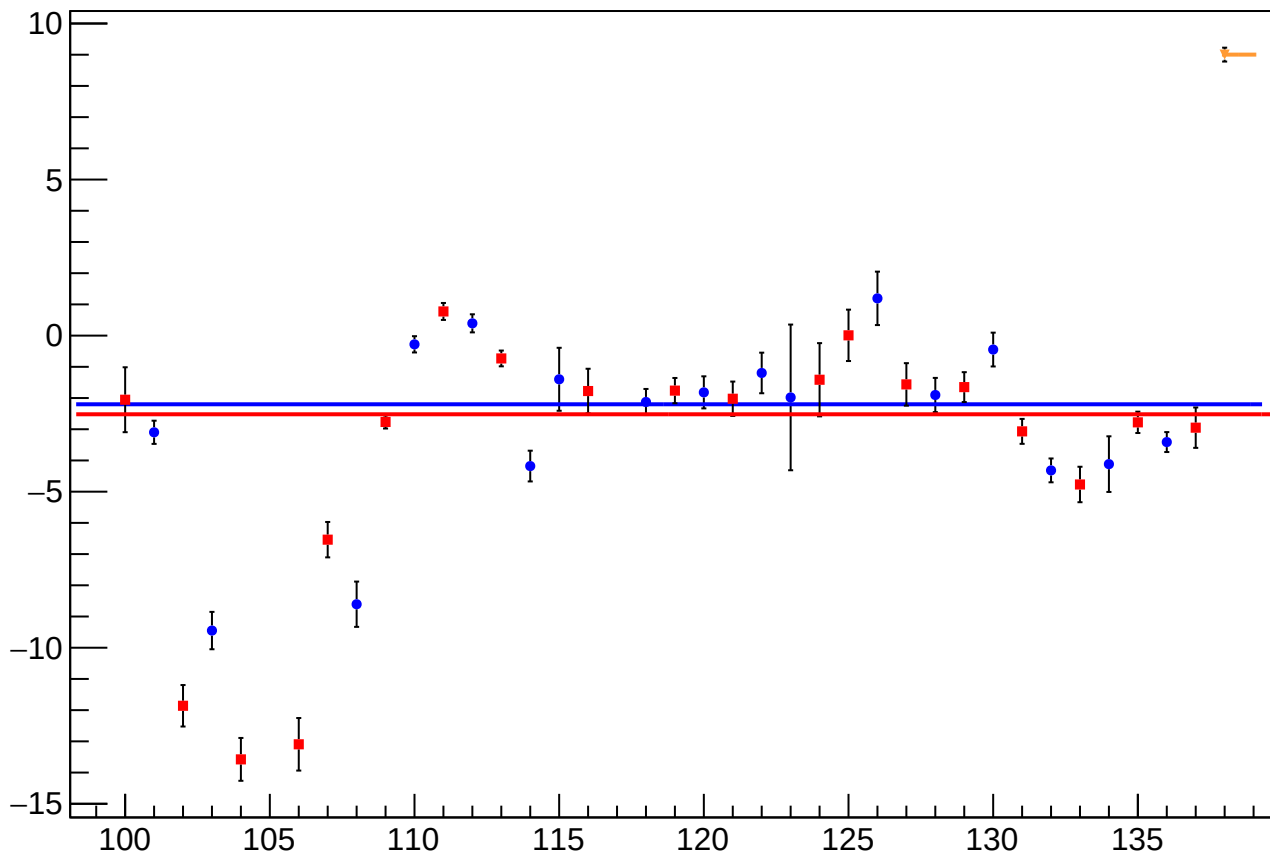
Right: 1.300 $\pm$ 0.042 χ^2 /NDF: 1674.8/35

In: 1.495 $\pm$ 0.061 χ^2 /NDF:708.8/16

Out: 0.883 $\pm$ 0.056 χ^2 /NDF:1241.3/19

All: 1.165 $\pm$ 0.041 χ^2 /NDF: 2004.2/36

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: 9.003 ± 0.222 χ^2/NDF : 0.0/0

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 9.003 ± 0.222 χ^2/NDF : 0.0/0

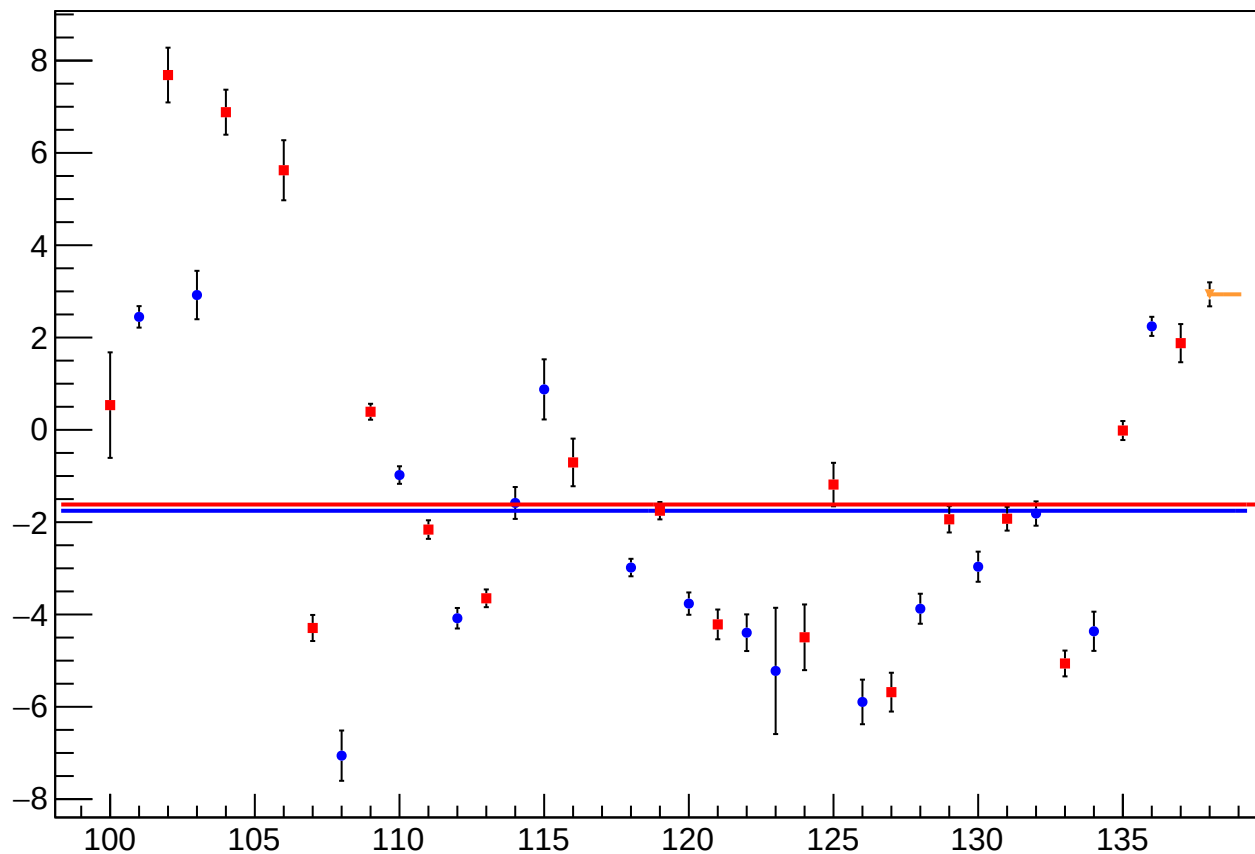
Right: -2.378 ± 0.074 χ^2/NDF : 1368.9/35

In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Out: -0.617 ± 0.090 χ^2/NDF : 3143.7/19

All: -1.251 ± 0.070 χ^2/NDF : 3727.5/36

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: 2.936 ± 0.260 χ^2/NDF : 0.0/0

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 2.936 ± 0.260 χ^2/NDF : 0.0/0

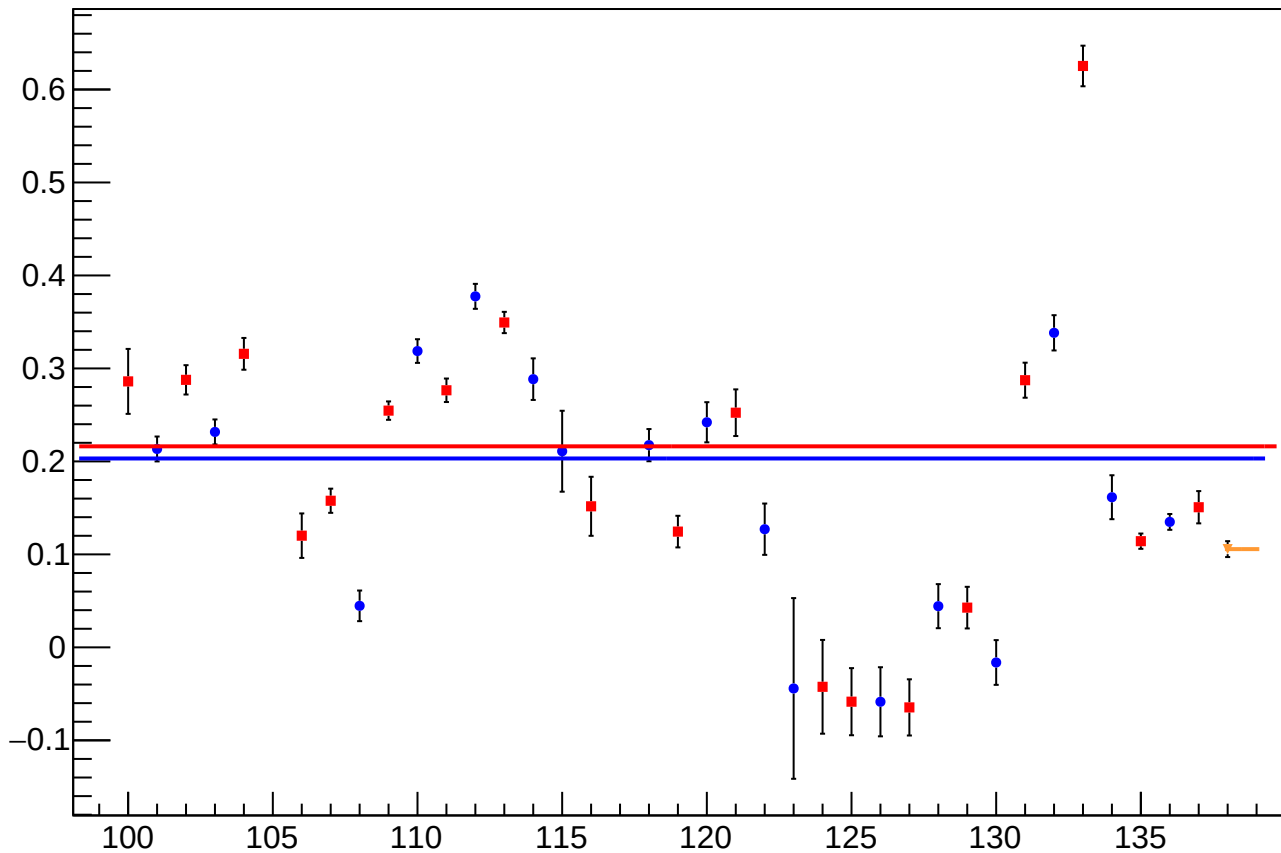
Right: -1.681 ± 0.048 χ^2/NDF : 2834.6/35

In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Out: -1.343 ± 0.064 χ^2/NDF : 1776.3/19

All: -1.528 ± 0.047 χ^2/NDF : 3140.0/36

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: 0.106 $\pm$ 0.009 χ^2 /NDF:0.0/0

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1067.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.106 $\pm$ 0.009 χ^2 /NDF: 0.0/0

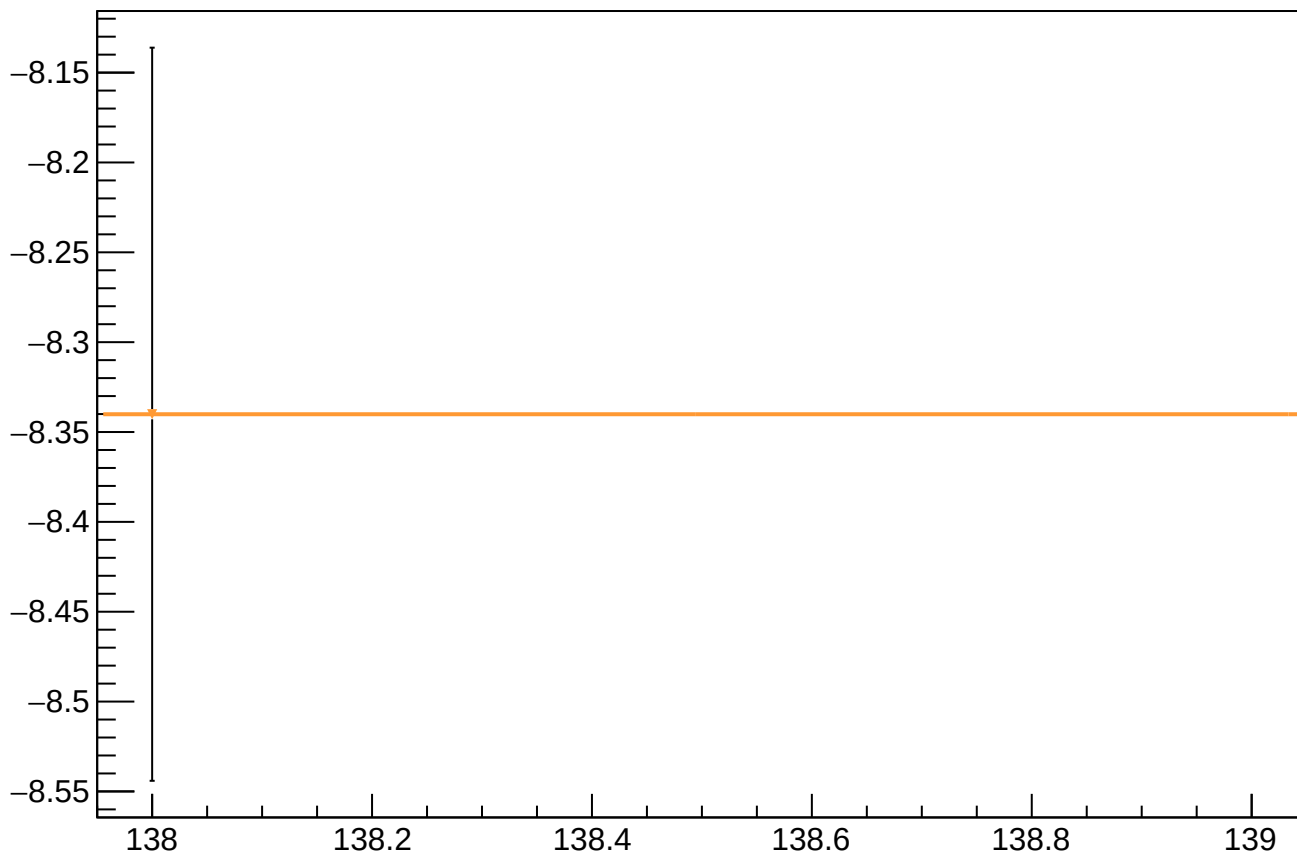
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1750.0/35

In: 0.203 $\pm$ 0.004 χ^2 /NDF:677.2/16

Out: 0.199 $\pm$ 0.003 χ^2 /NDF:1208.3/19

All: 0.201 $\pm$ 0.003 χ^2 /NDF: 1886.2/36

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: -8.340 ± 0.204 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: -8.340 ± 0.204 χ^2/NDF : 0.0/0

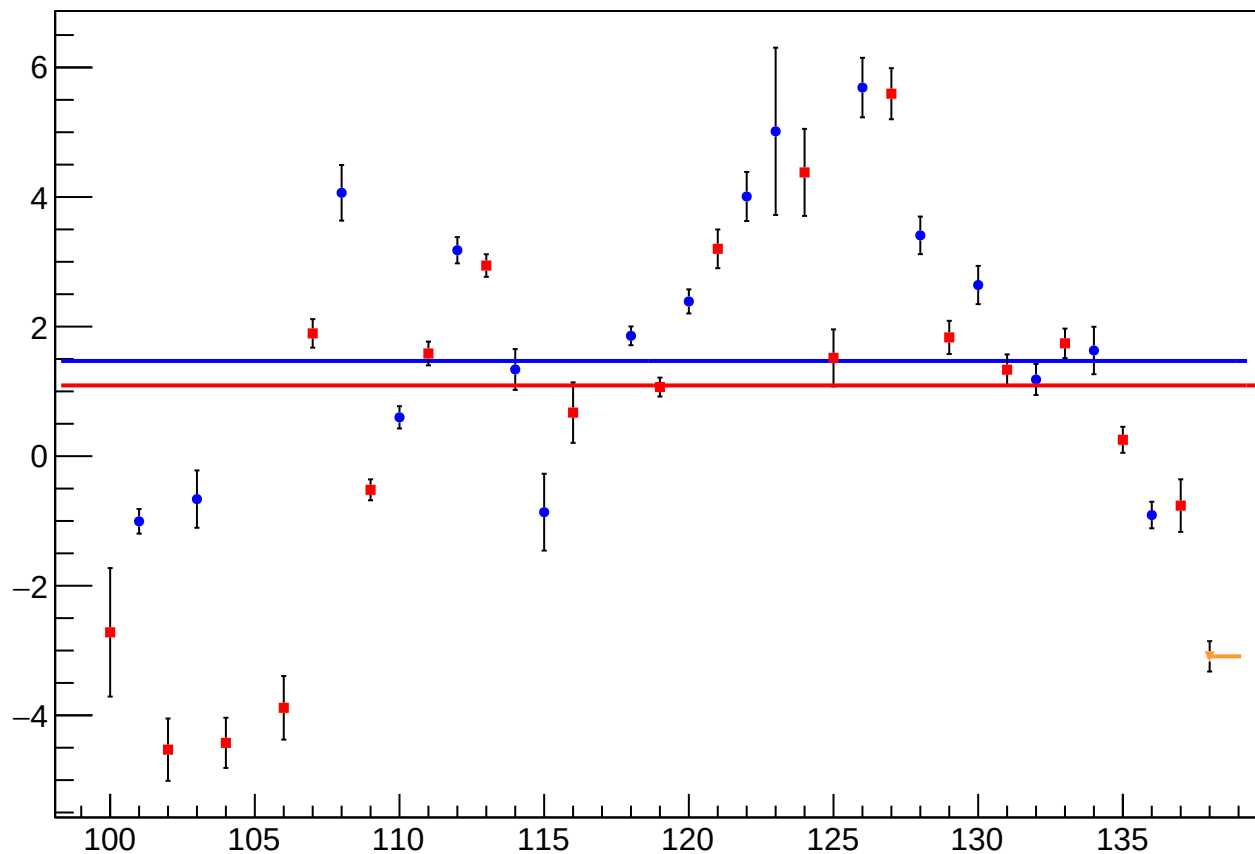
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Out: -8.340 ± 0.204 χ^2/NDF : 0.0/0

All: -8.340 ± 0.204 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: -3.090 ± 0.234 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.092 ± 0.058 $\chi^2/\text{NDF}: 952.1/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: -3.090 ± 0.234 $\chi^2/\text{NDF}: 0.0/0$

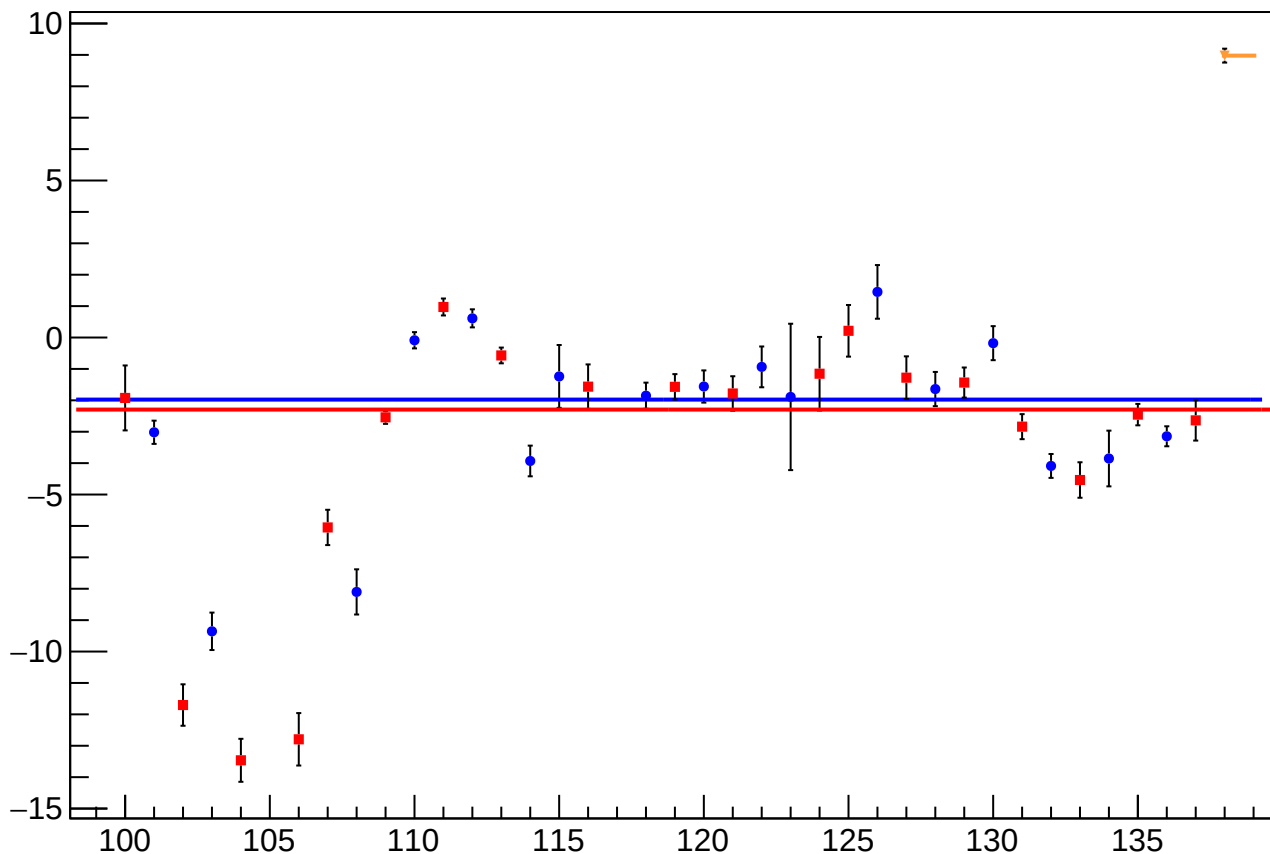
Right: 1.272 ± 0.042 $\chi^2/\text{NDF}: 1680.2/35$

In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Out: 0.851 ± 0.056 $\chi^2/\text{NDF}: 1252.0/19$

All: 1.136 ± 0.041 $\chi^2/\text{NDF}: 2015.7/36$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 8.977 ± 0.222 χ^2/NDF : 0.0/0

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 8.977 ± 0.222 χ^2/NDF : 0.0/0

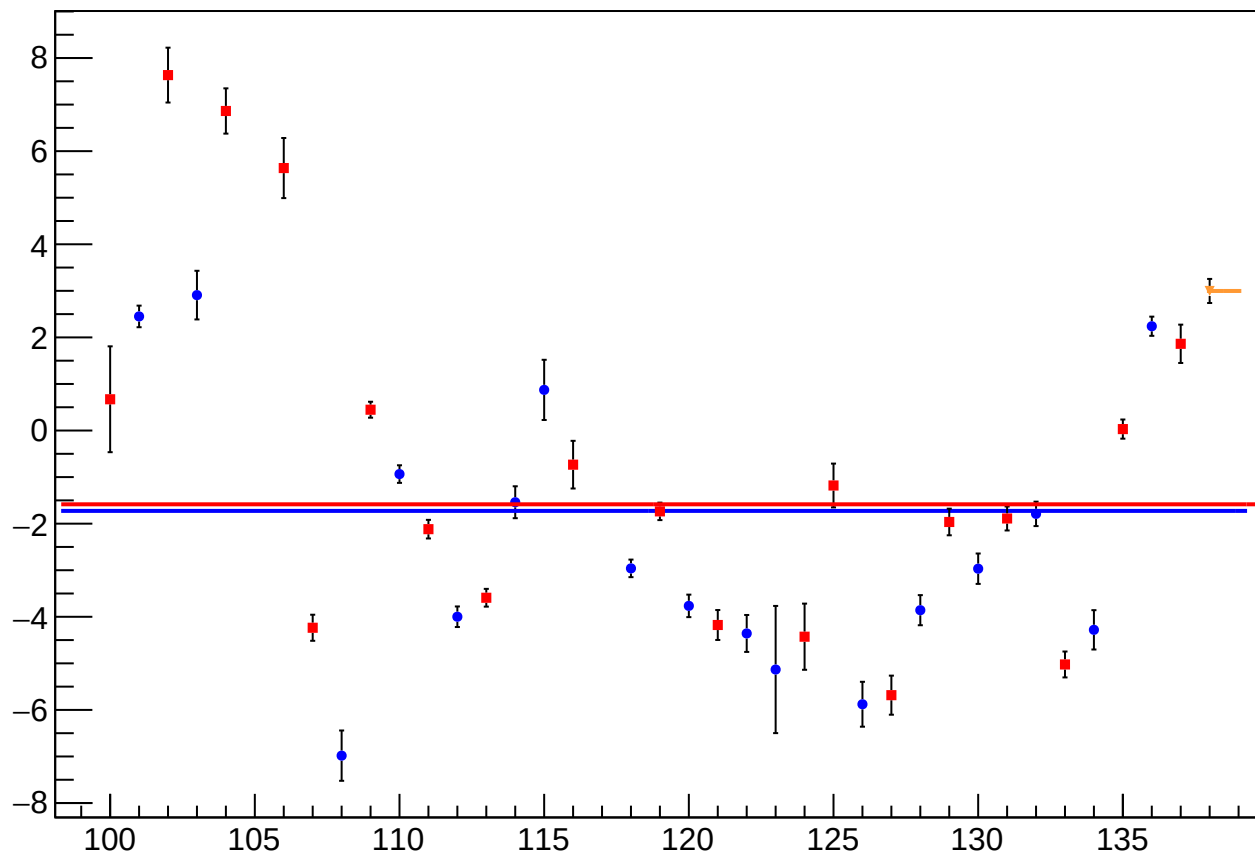
Right: -2.153 ± 0.073 χ^2/NDF : 1375.0/35

In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Out: -0.436 ± 0.090 χ^2/NDF : 3068.9/19

All: -1.053 ± 0.070 χ^2/NDF : 3650.2/36

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: 2.997 ± 0.259 χ^2/NDF : 0.0/0

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 2.997 ± 0.259 χ^2/NDF : 0.0/0

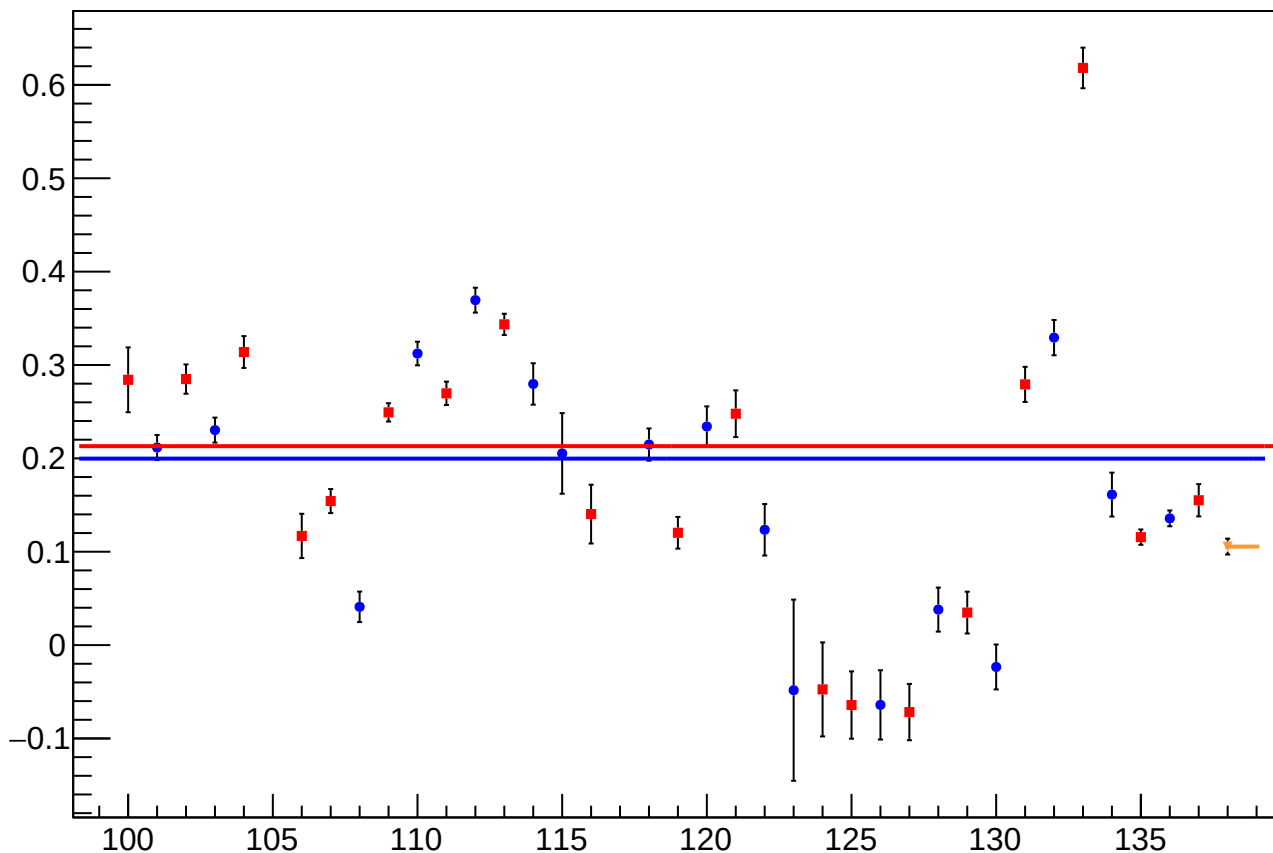
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Out: -1.309 ± 0.063 χ^2/NDF : 1787.8/19

All: -1.497 ± 0.047 χ^2/NDF : 3148.7/36

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: 0.106 $\pm$ 0.009 χ^2 /NDF:0.0/0

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.106 $\pm$ 0.009 χ^2 /NDF: 0.0/0

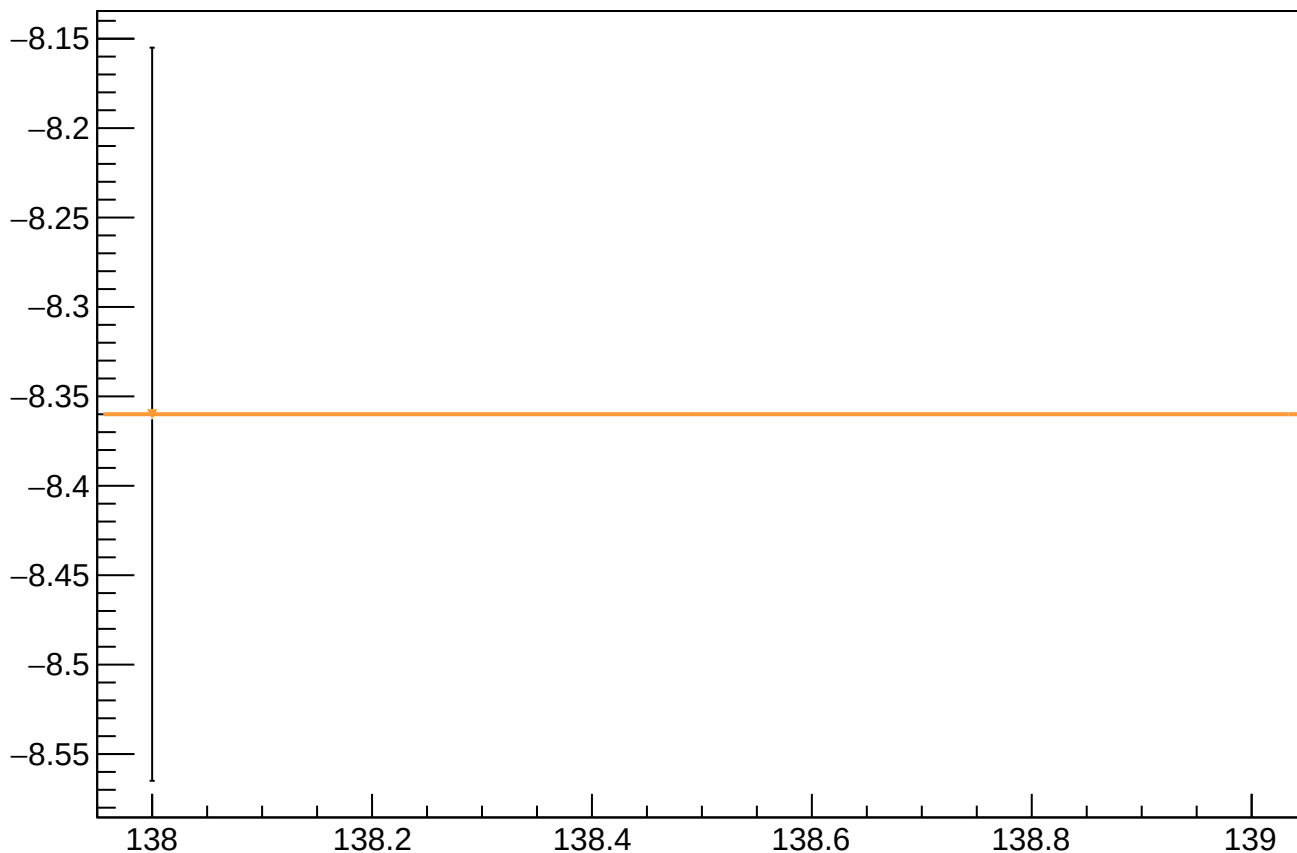
Right: 0.207 $\pm$ 0.003 χ^2 /NDF: 1719.2/35

In: 0.200 $\pm$ 0.004 χ^2 /NDF:662.5/16

Out: 0.196 $\pm$ 0.003 χ^2 /NDF:1185.6/19

All: 0.198 $\pm$ 0.003 χ^2 /NDF: 1848.5/36

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: -8.360+/-0.205 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: -8.360+/-0.205 χ^2/NDF : 0.0/0

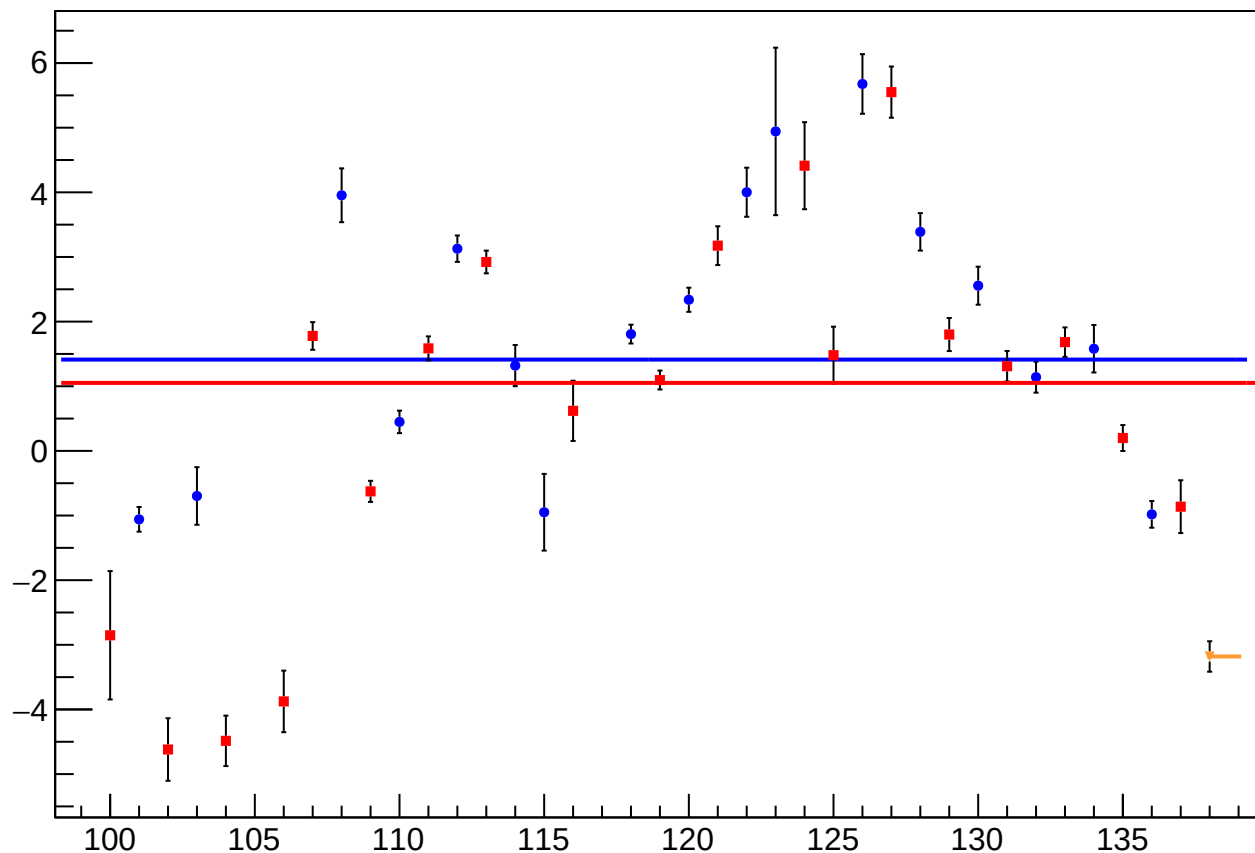
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -8.360+/-0.205 χ^2/NDF : 0.0/0

All: -8.360+/-0.205 χ^2/NDF : 0.0/0

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: -3.180 $\pm$ 0.236 χ^2 /NDF:0.0/0

Right Out: 1.052 $\pm$ 0.058 χ^2 /NDF: 963.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: -3.180 $\pm$ 0.236 χ^2 /NDF: 0.0/0

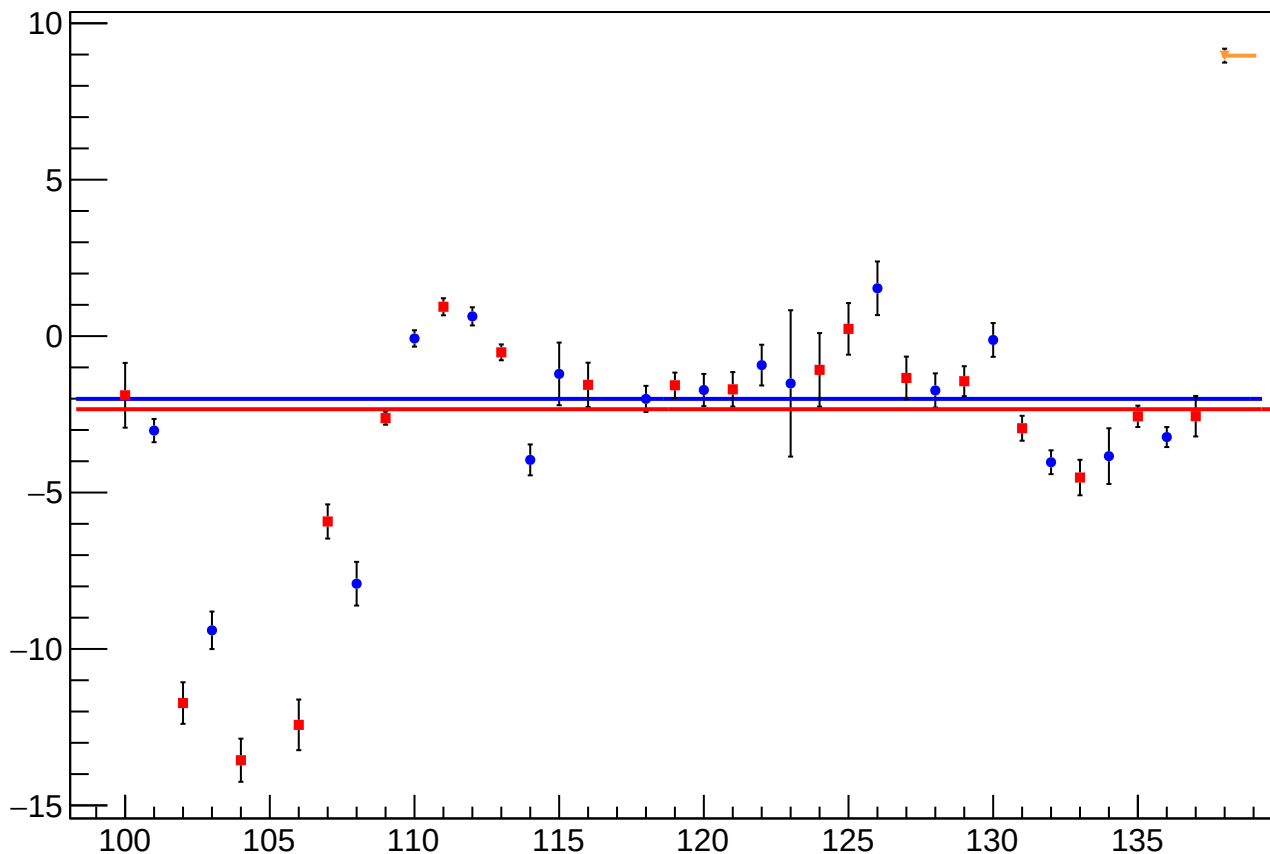
Right: 1.223 $\pm$ 0.042 χ^2 /NDF: 1695.5/35

In: 1.413 $\pm$ 0.061 χ^2 /NDF:713.9/16

Out: 0.809 $\pm$ 0.056 χ^2 /NDF:1267.7/19

All: 1.087 $\pm$ 0.041 χ^2 /NDF: 2034.2/36

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: 8.966 ± 0.223 χ^2/NDF : 0.0/0

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 8.966 ± 0.223 χ^2/NDF : 0.0/0

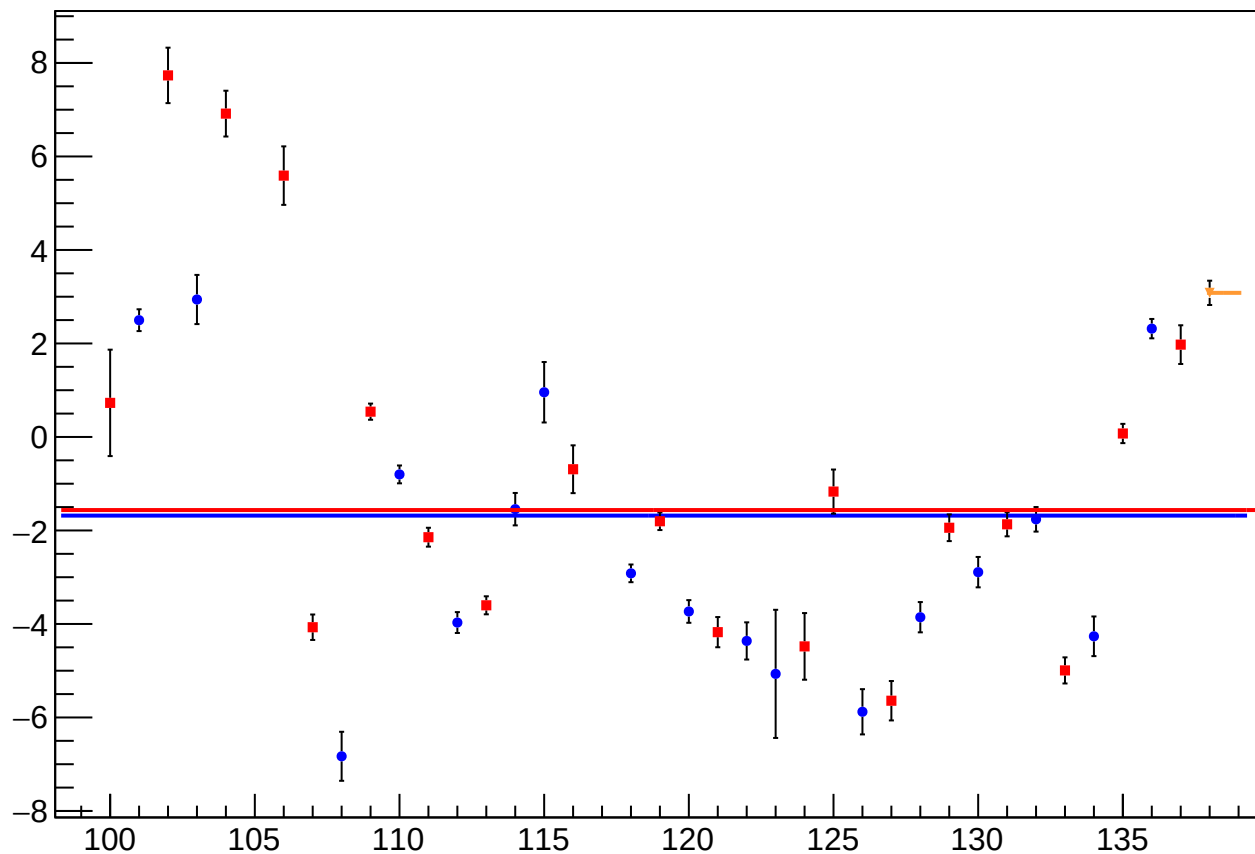
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Out: -0.473 ± 0.090 χ^2/NDF : 3054.2/19

All: -1.087 ± 0.070 χ^2/NDF : 3632.8/36

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: 3.083 ± 0.260 χ^2/NDF : 0.0/0

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 3.083 ± 0.260 χ^2/NDF : 0.0/0

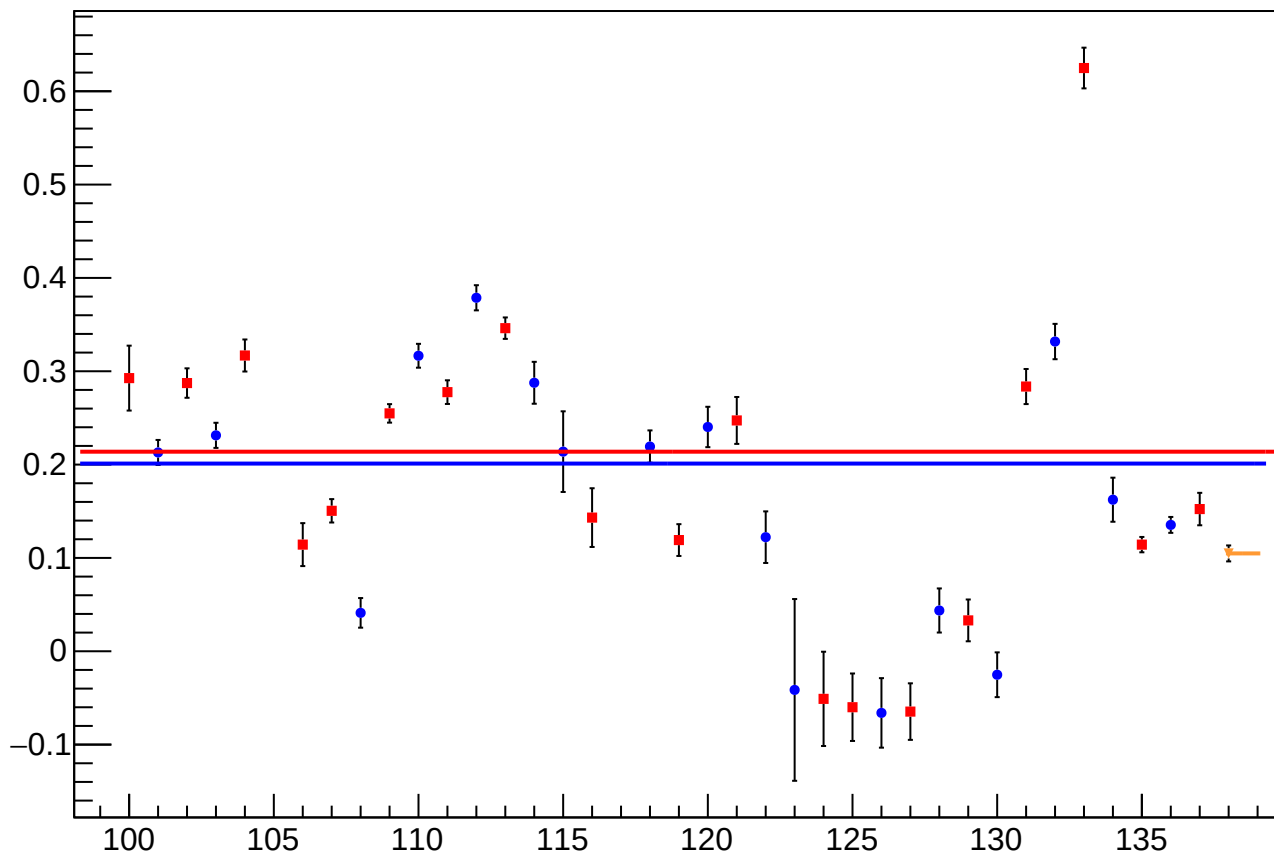
Right: -1.619 ± 0.048 χ^2/NDF : 2854.1/35

In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Out: -1.285 ± 0.064 χ^2/NDF : 1805.1/19

All: -1.464 ± 0.047 χ^2/NDF : 3170.5/36

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: 0.105 $\pm$ 0.009 χ^2/NDF : 0.0/0

Right Out: 0.214 $\pm$ 0.004 χ^2/NDF : 1083.1/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.105 $\pm$ 0.009 χ^2/NDF : 0.0/0

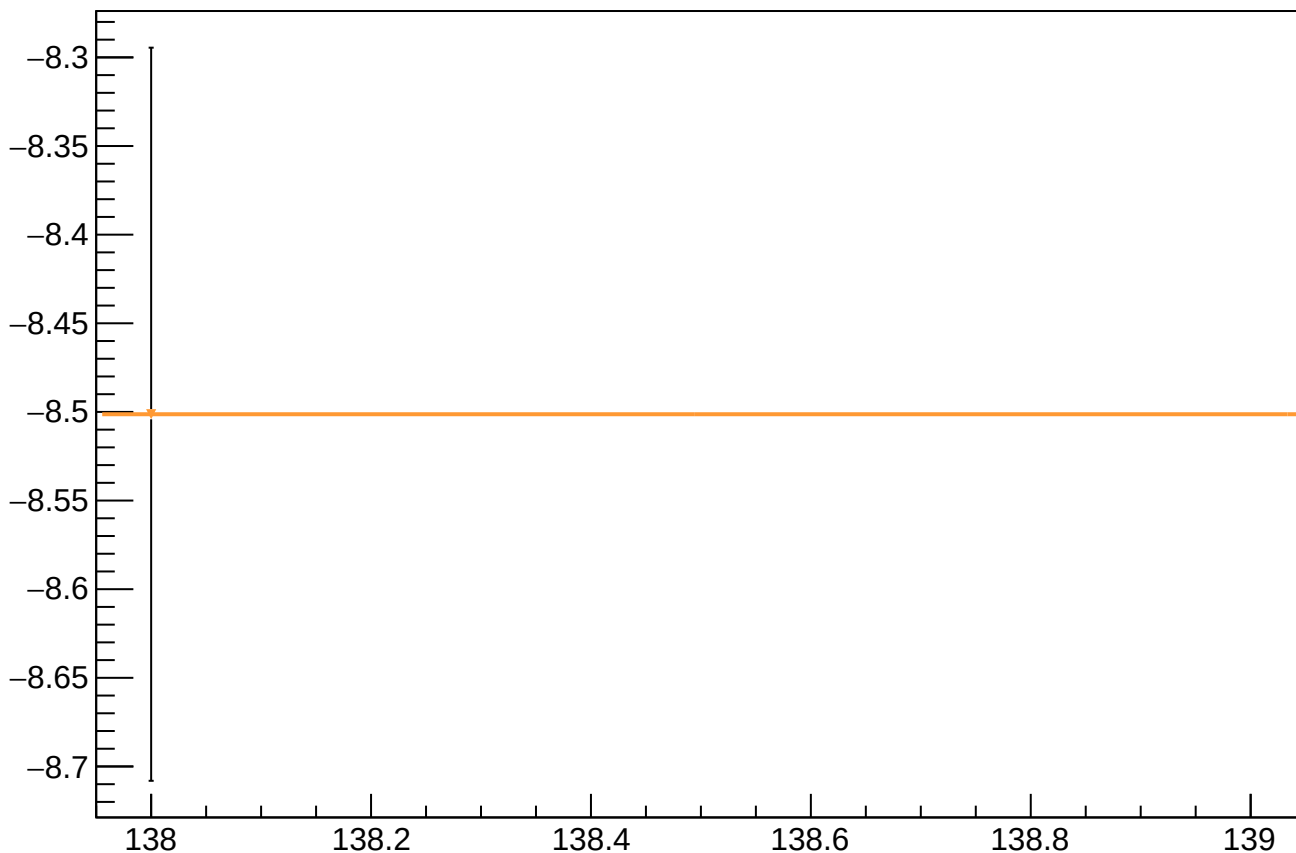
Right: 0.208 $\pm$ 0.003 χ^2/NDF : 1779.7/35

In: 0.201 $\pm$ 0.004 χ^2/NDF : 691.3/16

Out: 0.197 $\pm$ 0.003 χ^2/NDF : 1220.2/19

All: 0.199 $\pm$ 0.003 χ^2/NDF : 1912.1/36

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: -8.501+/-0.207 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: -8.501+/-0.207 χ^2/NDF : 0.0/0

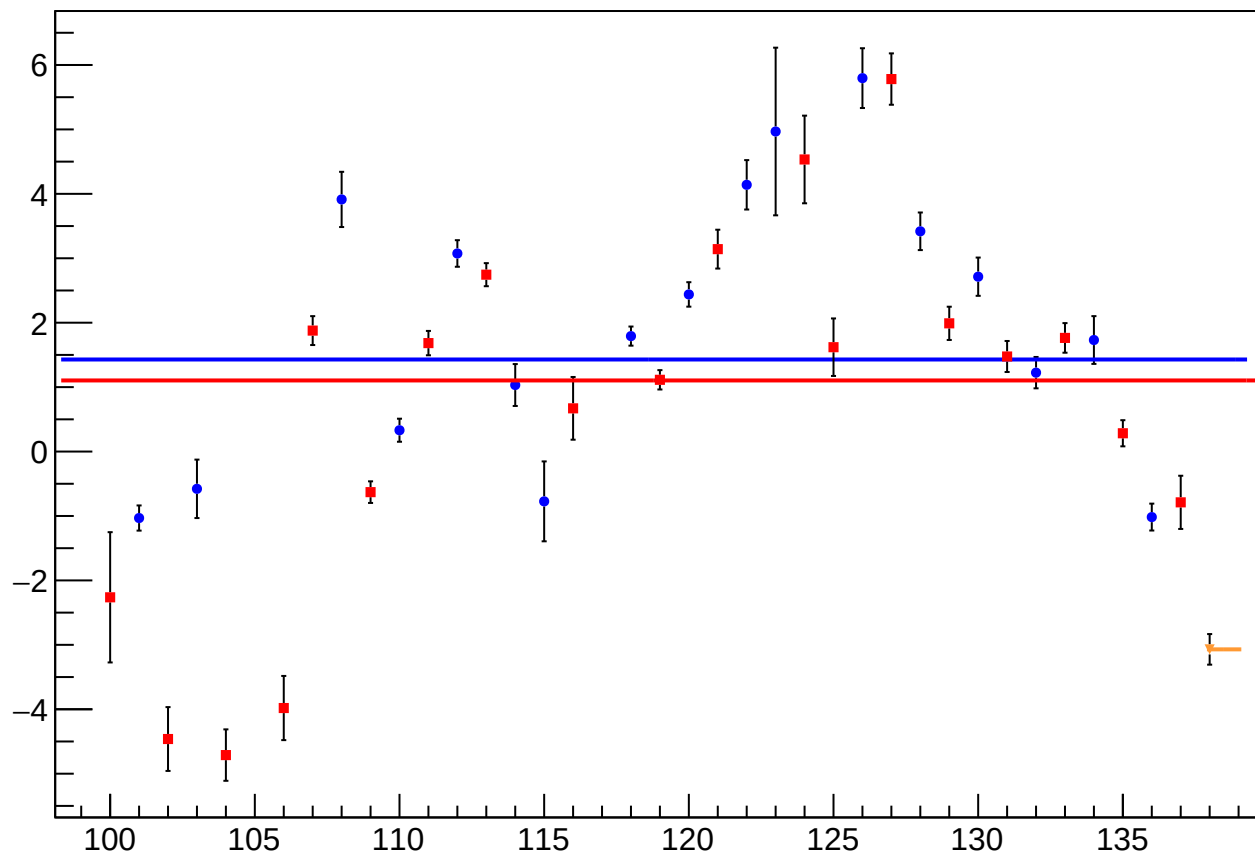
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -8.501+/-0.207 χ^2/NDF : 0.0/0

All: -8.501+/-0.207 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 $\pm$ 0.062 χ^2 /NDF: 711.4/16

Left Out: -3.070 $\pm$ 0.237 χ^2 /NDF:0.0/0

Right Out: 1.104 $\pm$ 0.059 χ^2 /NDF: 936.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: -3.070 $\pm$ 0.237 χ^2 /NDF: 0.0/0

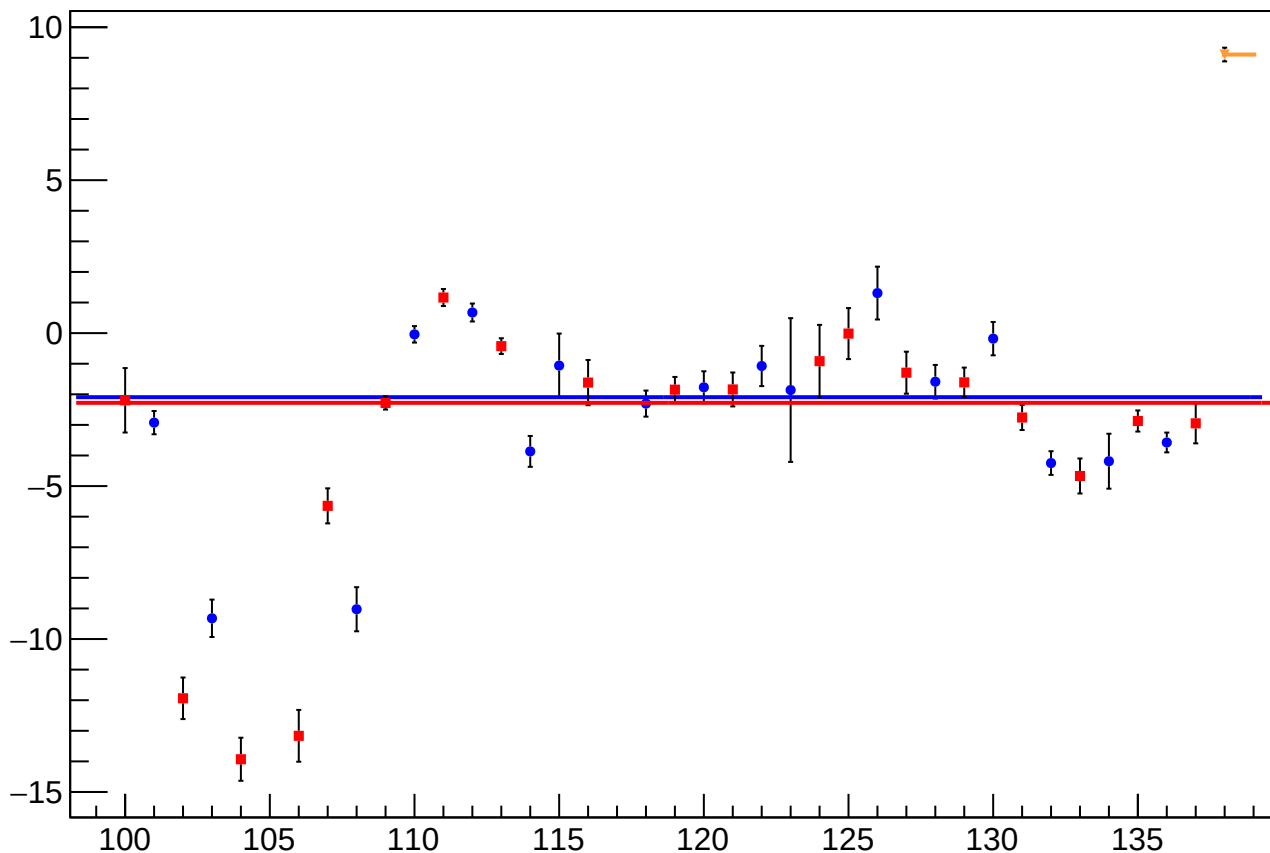
Right: 1.259 $\pm$ 0.043 χ^2 /NDF: 1662.3/35

In: 1.429 $\pm$ 0.062 χ^2 /NDF:711.4/16

Out: 0.859 $\pm$ 0.058 χ^2 /NDF:1227.3/19

All: 1.122 $\pm$ 0.042 χ^2 /NDF: 1984.0/36

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: 9.107 ± 0.225 χ^2/NDF : 0.0/0

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 9.107 ± 0.225 χ^2/NDF : 0.0/0

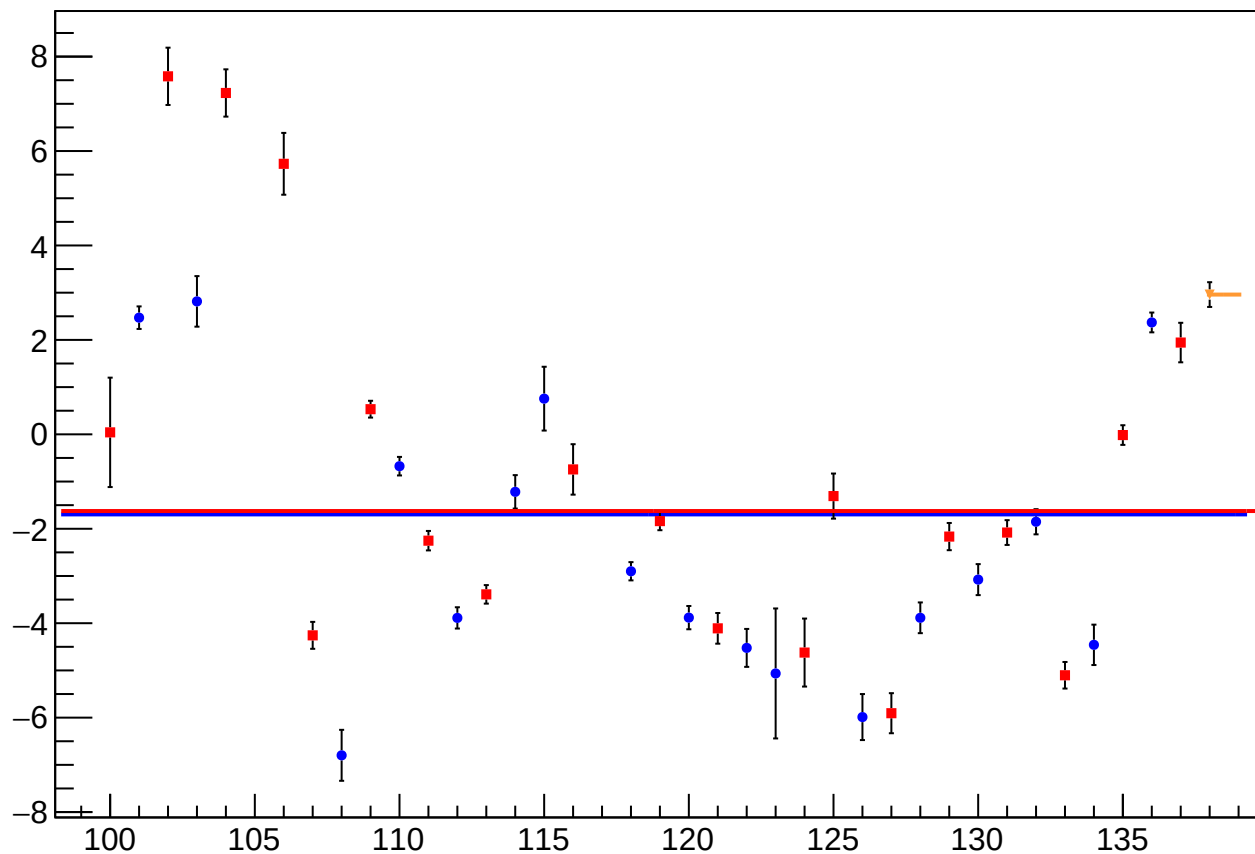
Right: -2.196 ± 0.075 χ^2/NDF : 1406.6/35

In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Out: -0.362 ± 0.092 χ^2/NDF : 3056.7/19

All: -1.056 ± 0.071 χ^2/NDF : 3685.0/36

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: 2.960 ± 0.262 χ^2/NDF : 0.0/0

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 2.960 ± 0.262 χ^2/NDF : 0.0/0

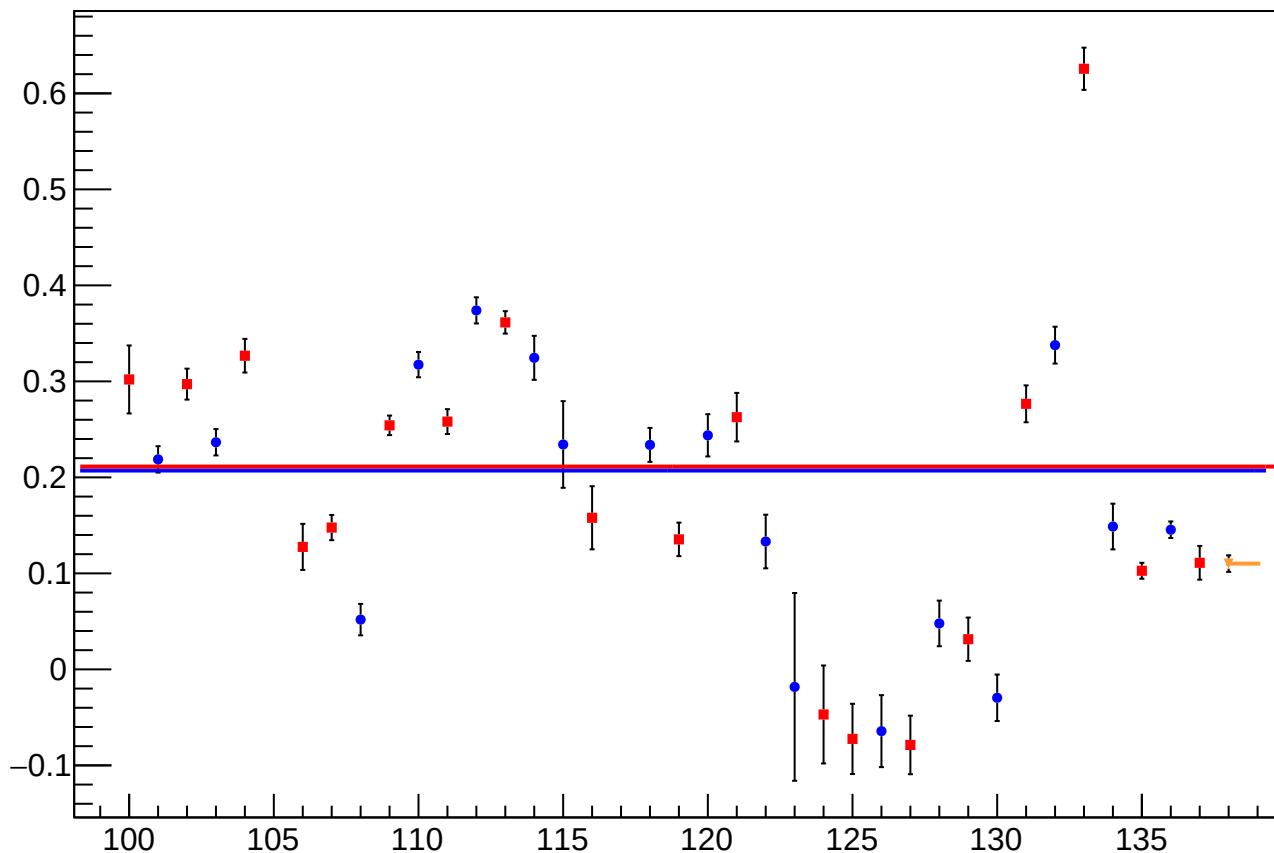
Right: -1.658 ± 0.049 χ^2/NDF : 2801.2/35

In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Out: -1.343 ± 0.065 χ^2/NDF : 1754.6/19

All: -1.503 ± 0.048 χ^2/NDF : 3101.2/36

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207+/-0.004 χ^2/NDF : 656.3/16

Left Out: 0.110+/-0.009 χ^2/NDF : 0.0/0

Right Out: 0.211+/-0.004 χ^2/NDF : 1145.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.110+/-0.009 χ^2/NDF : 0.0/0

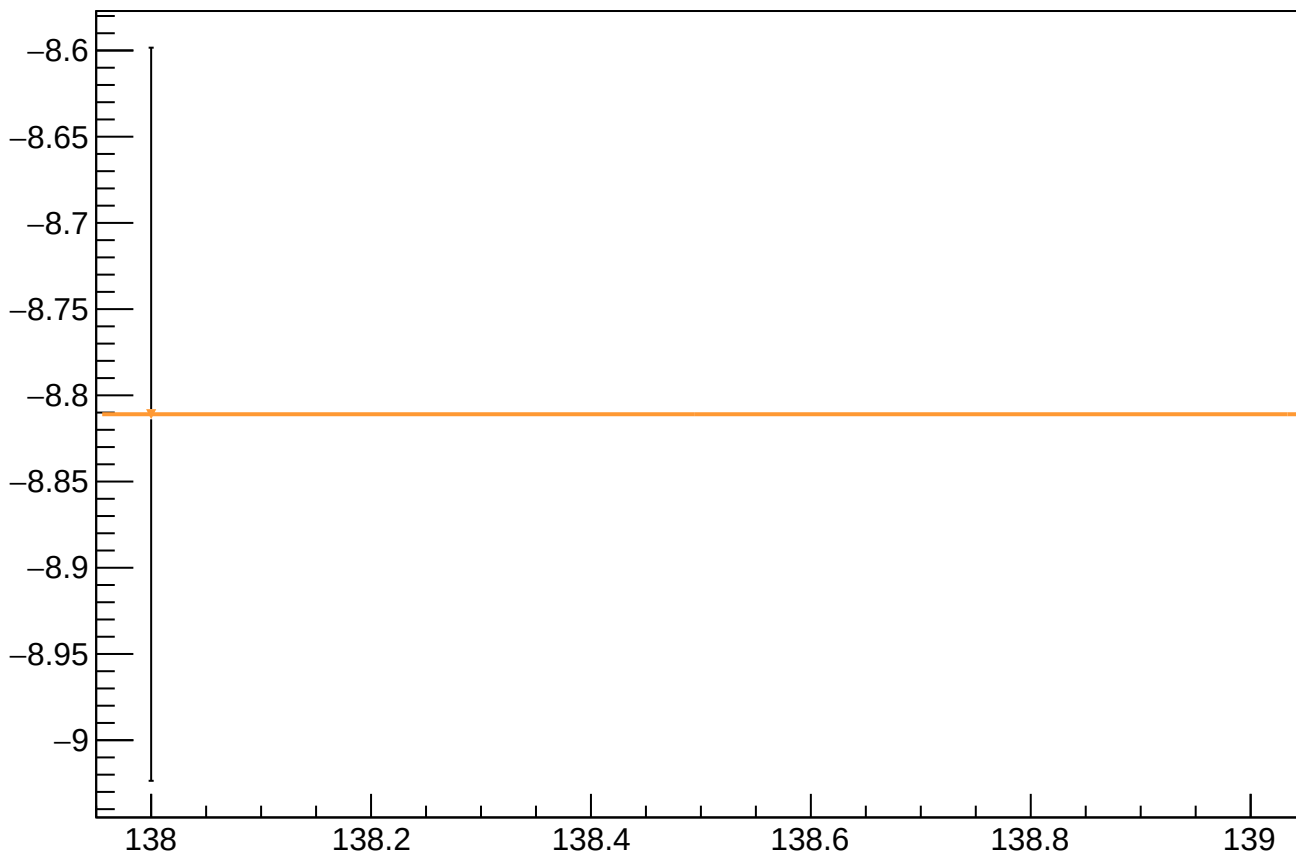
Right: 0.209+/-0.003 χ^2/NDF : 1802.5/35

In: 0.207+/-0.004 χ^2/NDF : 656.3/16

Out: 0.195+/-0.003 χ^2/NDF : 1261.1/19

All: 0.200+/-0.003 χ^2/NDF : 1922.2/36

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: -8.811+/-0.213 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: -8.811+/-0.213 χ^2/NDF : 0.0/0

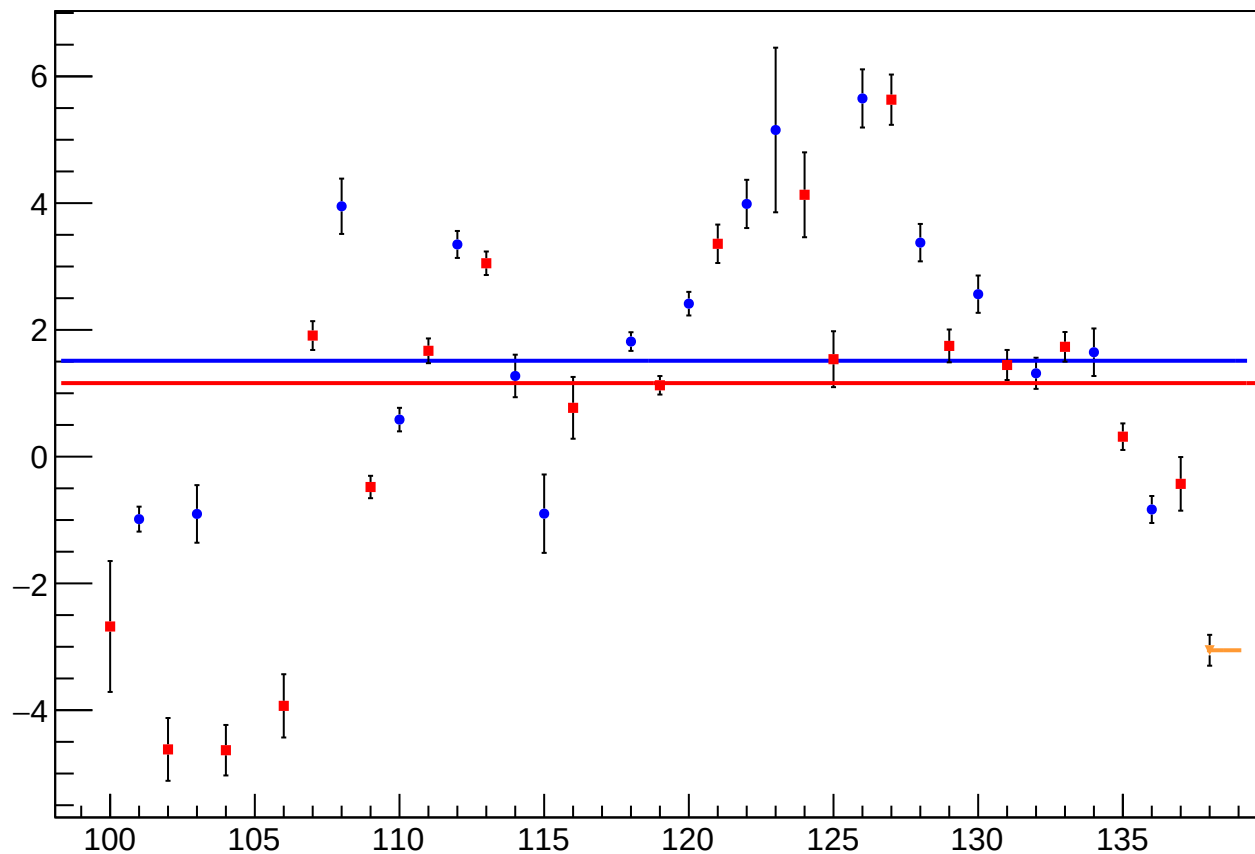
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: -8.811+/-0.213 χ^2/NDF : 0.0/0

All: -8.811+/-0.213 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513+/-0.063 χ^2/NDF : 669.7/16

Left Out: -3.055+/-0.244 χ^2/NDF : 0.0/0

Right Out: 1.160+/-0.060 χ^2/NDF : 917.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: -3.055+/-0.244 χ^2/NDF : 0.0/0

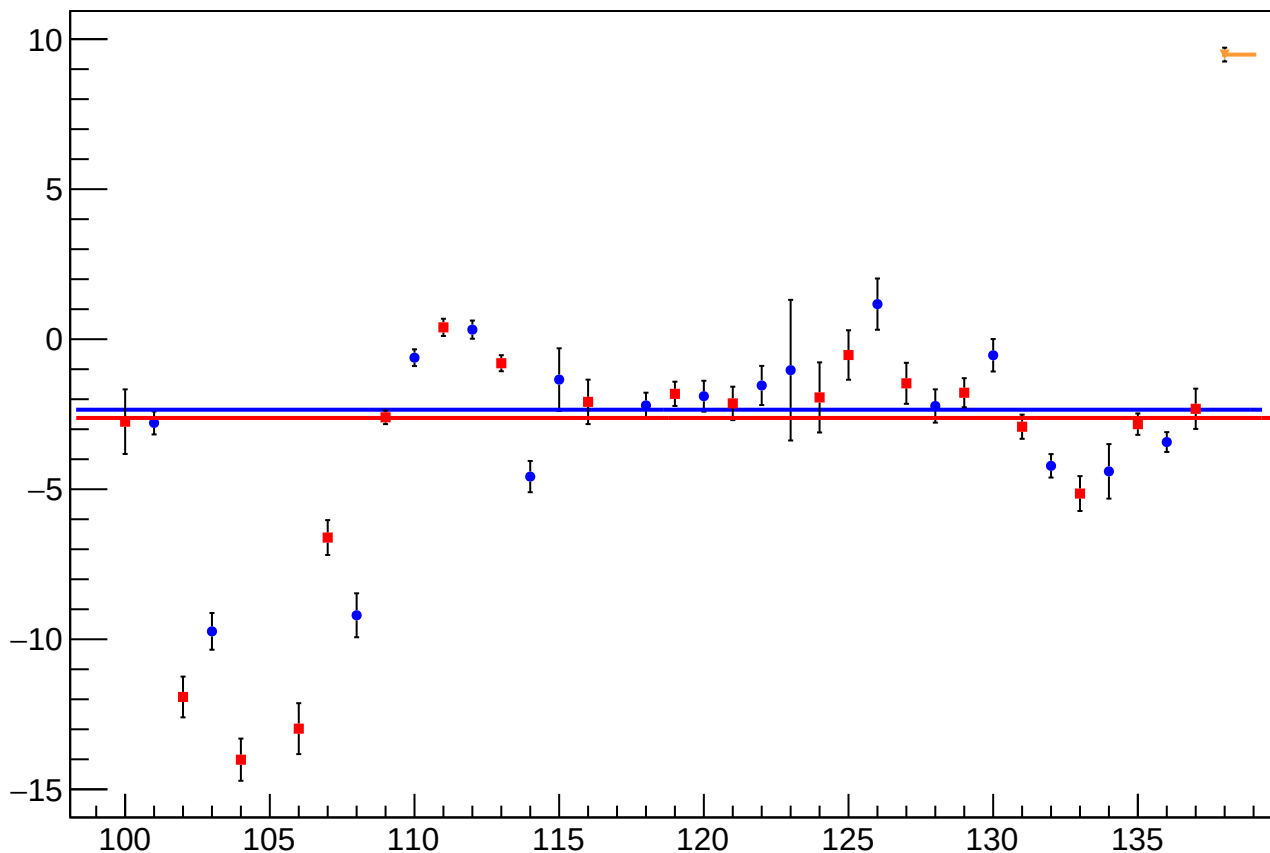
Right: 1.329+/-0.043 χ^2/NDF : 1603.3/35

In: 1.513+/-0.063 χ^2/NDF : 669.7/16

Out: 0.918+/-0.058 χ^2/NDF : 1199.5/19

All: 1.194+/-0.043 χ^2/NDF : 1917.4/36

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 9.485 ± 0.231 χ^2/NDF : 0.0/0

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 9.485 ± 0.231 χ^2/NDF : 0.0/0

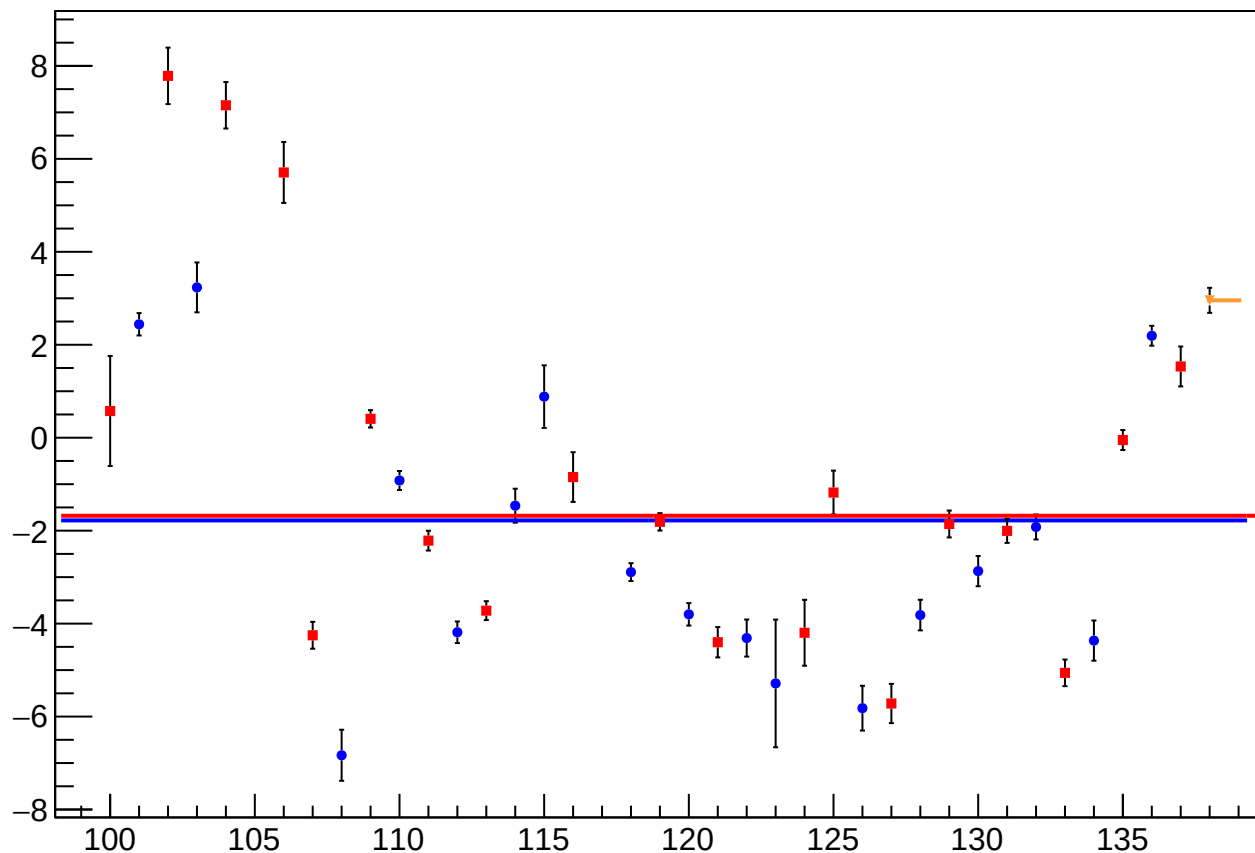
Right: -2.501 ± 0.077 χ^2/NDF : 1283.3/35

In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Out: -0.606 ± 0.094 χ^2/NDF : 3133.4/19

All: -1.312 ± 0.073 χ^2/NDF : 3711.7/36

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: 2.956 ± 0.269 χ^2/NDF : 0.0/0

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 2.956 ± 0.269 χ^2/NDF : 0.0/0

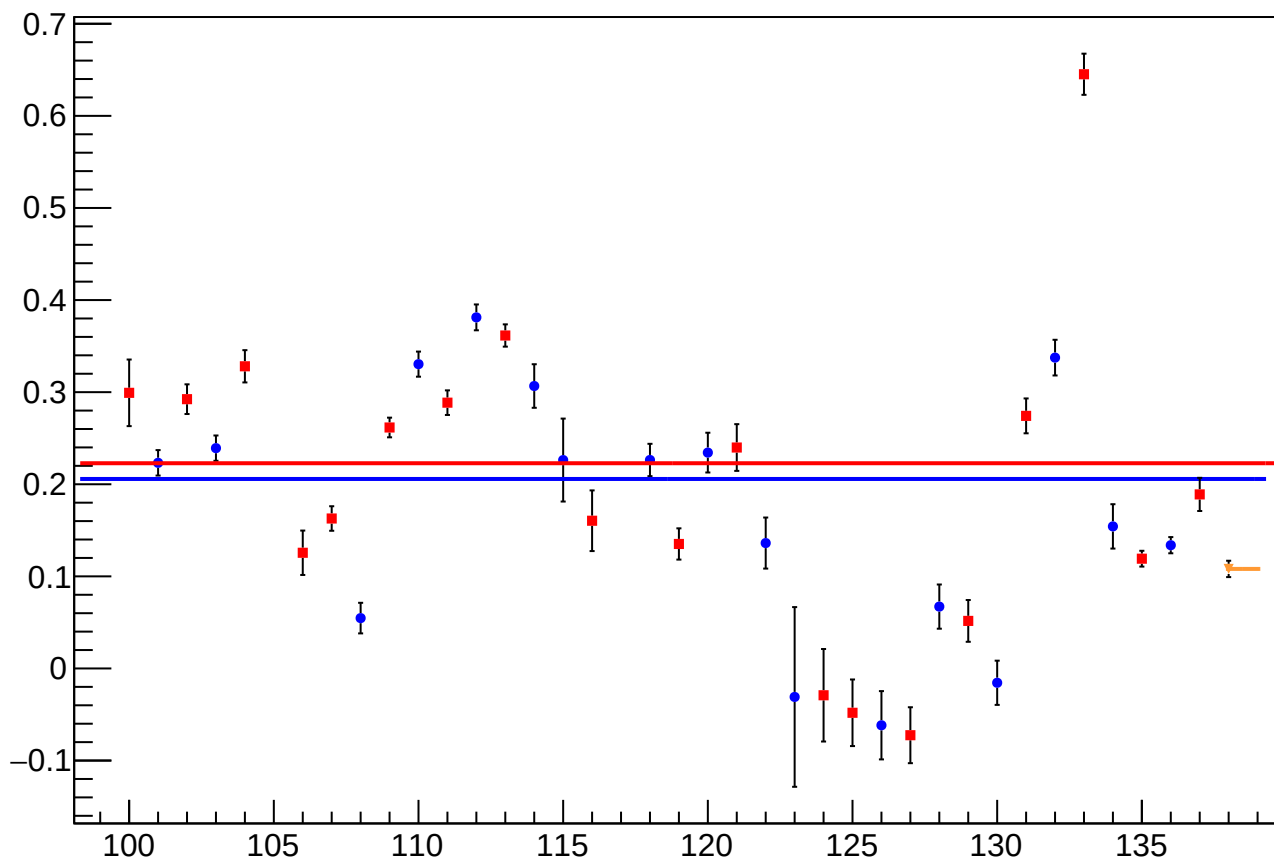
Right: -1.726 ± 0.050 χ^2/NDF : 2702.6/35

In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Out: -1.401 ± 0.066 χ^2/NDF : 1708.7/19

All: -1.573 ± 0.049 χ^2/NDF : 2995.8/36

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: 0.108 $\pm$ 0.009 χ^2 /NDF:0.0/0

Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1042.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.108 $\pm$ 0.009 χ^2 /NDF: 0.0/0

Right: 0.215 $\pm$ 0.003 χ^2 /NDF: 1702.9/35

In: 0.206 $\pm$ 0.004 χ^2 /NDF:651.8/16

Out: 0.205 $\pm$ 0.004 χ^2 /NDF:1182.9/19

All: 0.205 $\pm$ 0.003 χ^2 /NDF: 1834.8/36