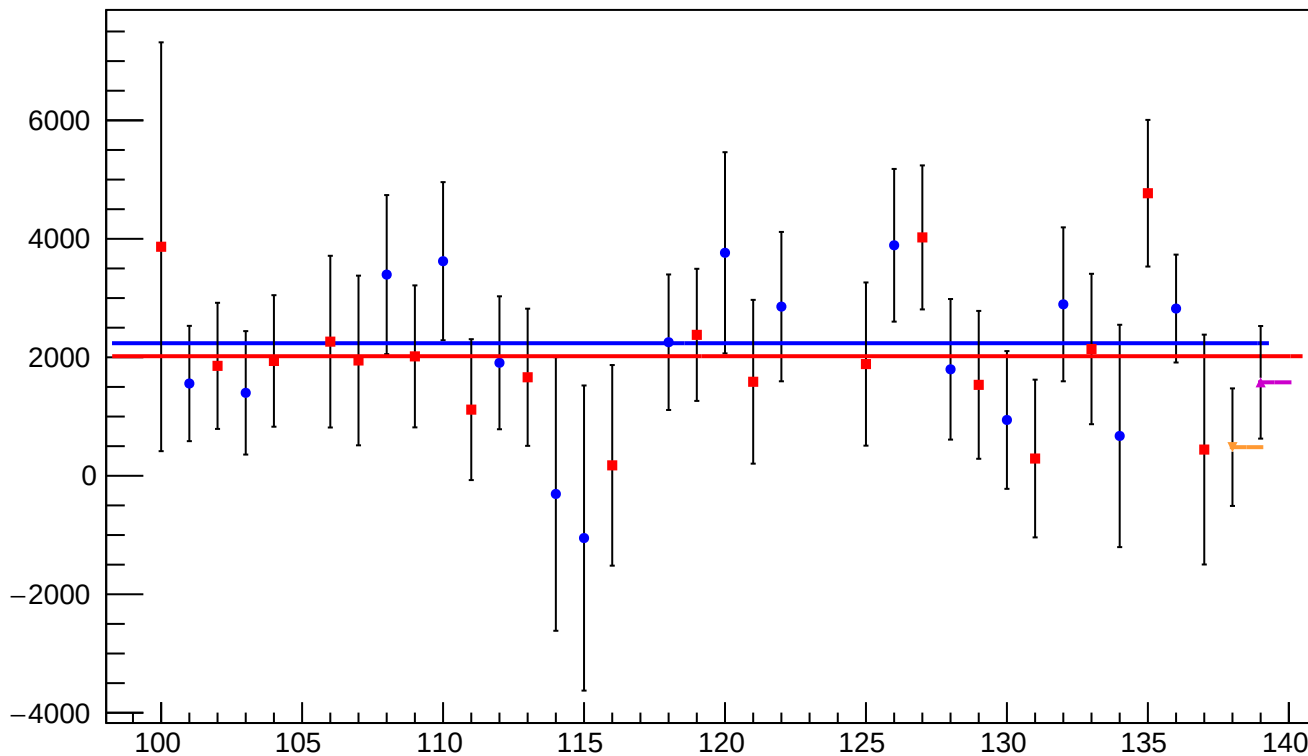


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

Left Out: 483.194+/-992.063

Right Out: 2018.625+/-308.362

Left In: 1577.768+/-950.363

χ^2/NDF : 11.3/15

χ^2/NDF : 0.0/0

χ^2/NDF : 12.6/17

χ^2/NDF : 0.0/0

Left: 1053.968+/-686.277

Right: 2126.067+/-220.232

In: 2172.716+/-298.697

Out: 1883.349+/-294.465

All: 2025.968+/-209.699

χ^2/NDF : 0.6/1

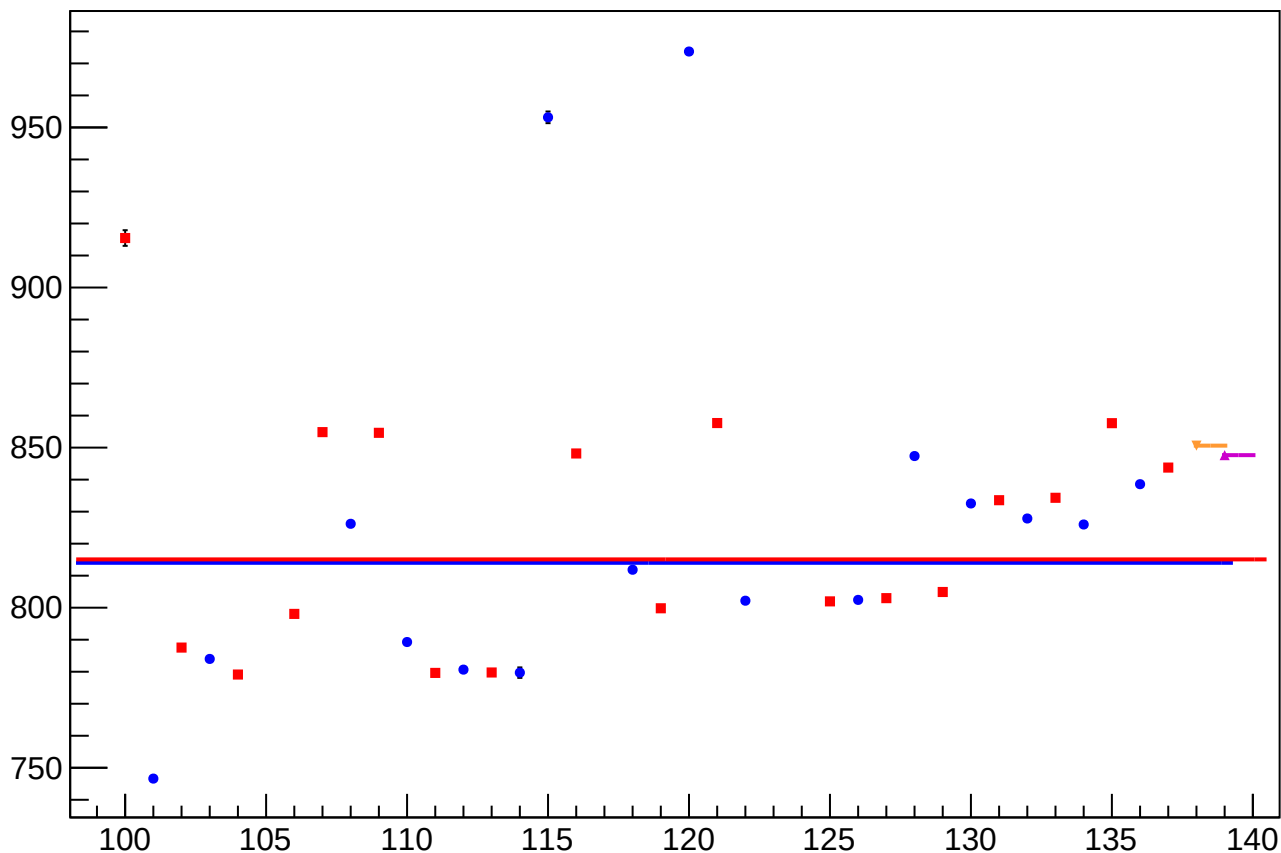
χ^2/NDF : 24.1/33

χ^2/NDF : 11.8/16

χ^2/NDF : 14.8/18

χ^2/NDF : 27.0/35

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: 847.647+/-0.672 χ^2/NDF : 0.0/0

Left: 849.068+/-0.485 χ^2/NDF : 9.3/1

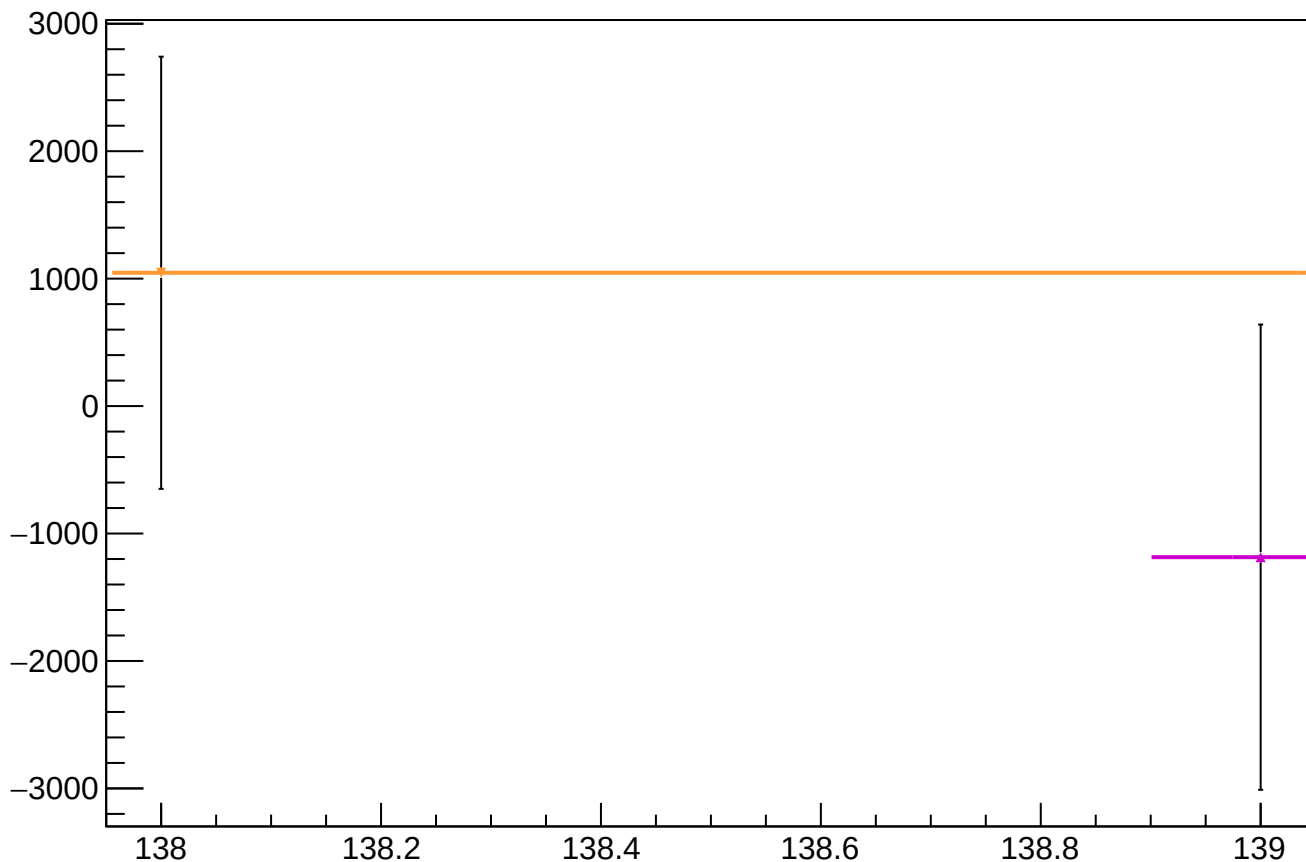
Right: 814.563+/-0.156 χ^2/NDF : 62012.6/33

In: 817.343+/-0.211 χ^2/NDF : 44298.2/16

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

All: 817.785+/-0.148 χ^2/NDF : 66605.7/35

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: -1185.528+/-1825.288 χ^2/NDF : 0.0/0

Left: 12.314+/-1242.302 χ^2/NDF : 0.8/1

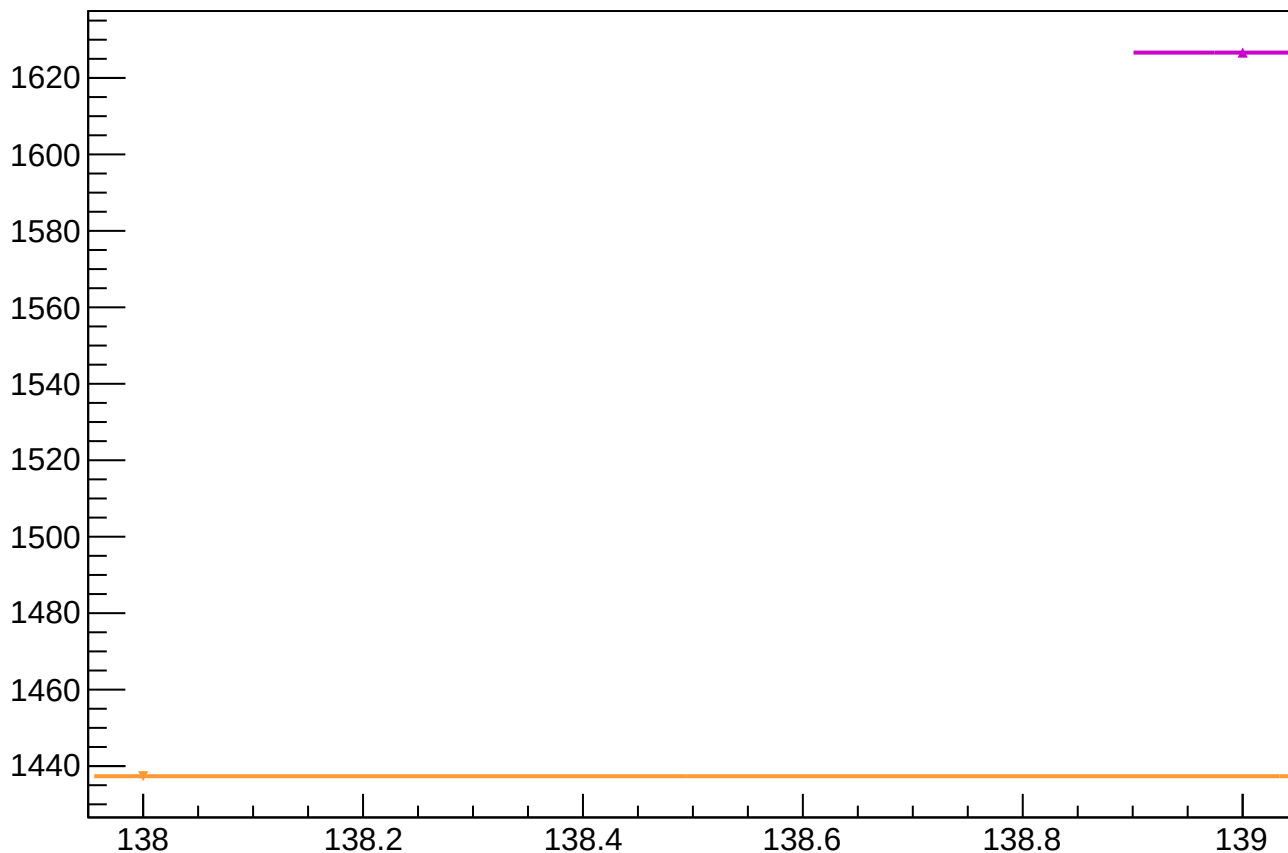
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1185.528+/-1825.288 χ^2/NDF : 0.0/0

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

All: 12.314+/-1242.302 χ^2/NDF : 0.8/1

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: 1626.628+/-1.291 χ^2/NDF : 0.0/0

Left: 1525.030+/-0.878 χ^2/NDF : 11543.8/1

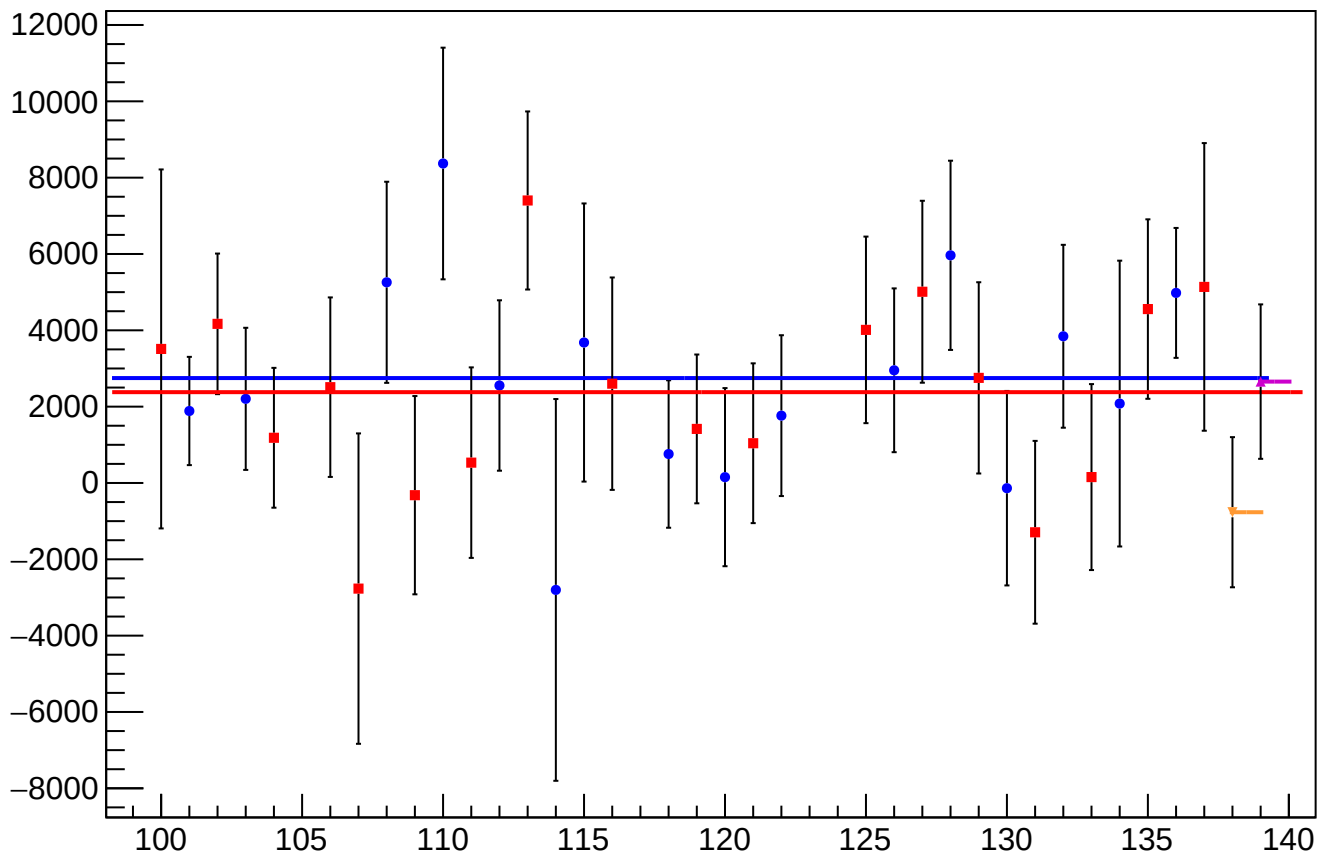
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1626.628+/-1.291 χ^2/NDF : 0.0/0

Out: 1437.353+/-1.199 χ^2/NDF : 0.0/0

All: 1525.030+/-0.878 χ^2/NDF : 11543.8/1

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: 2656.060+/-2023.386 χ^2/NDF : 0.0/0

Left: 896.555+/-1410.392 χ^2/NDF : 1.5/1

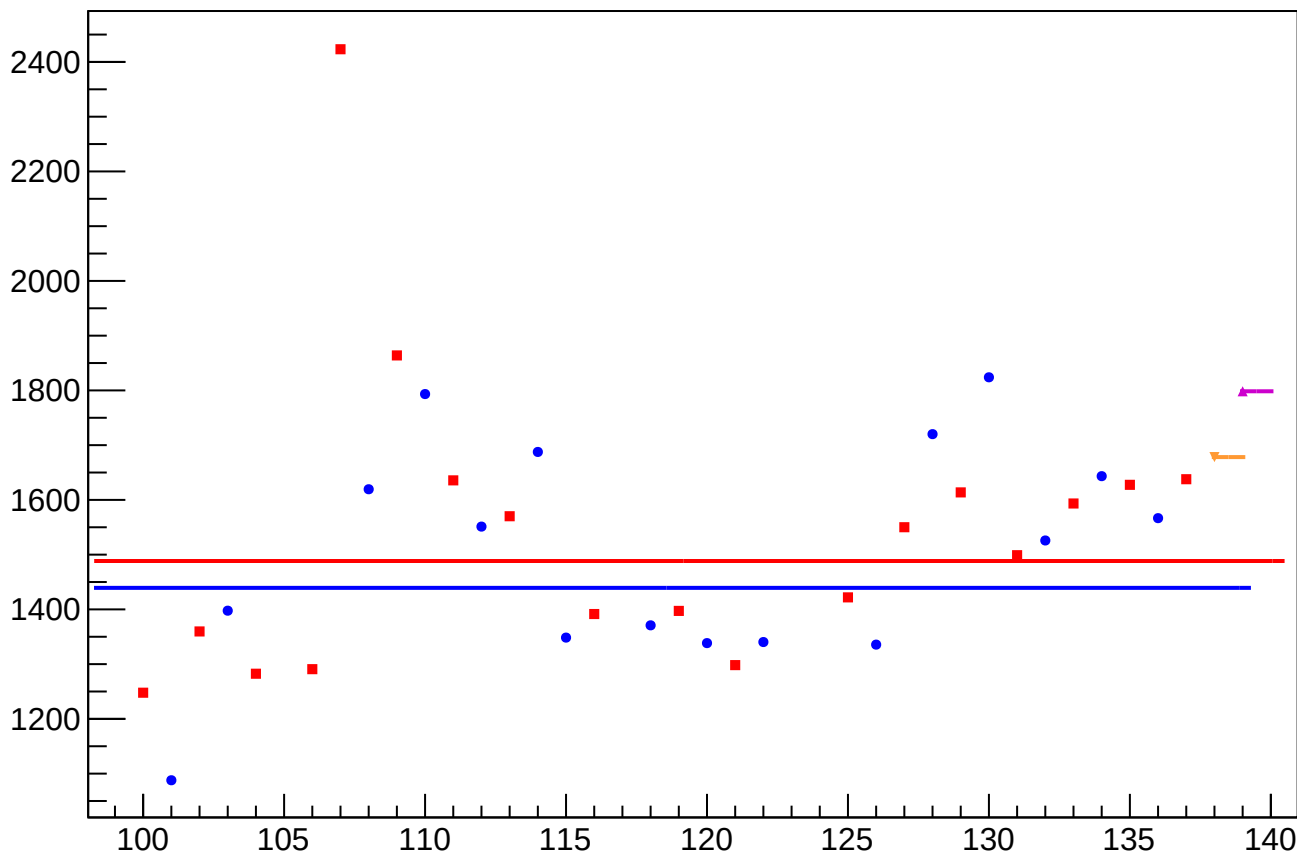
Right: 2566.079+/-400.174 χ^2/NDF : 30.0/33

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

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

All: 2441.689+/-384.978 χ^2/NDF : 32.7/35

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: 1798.410+/-1.431 χ^2/NDF : 0.0/0

Left: 1736.605+/-0.997 χ^2/NDF : 3629.5/1

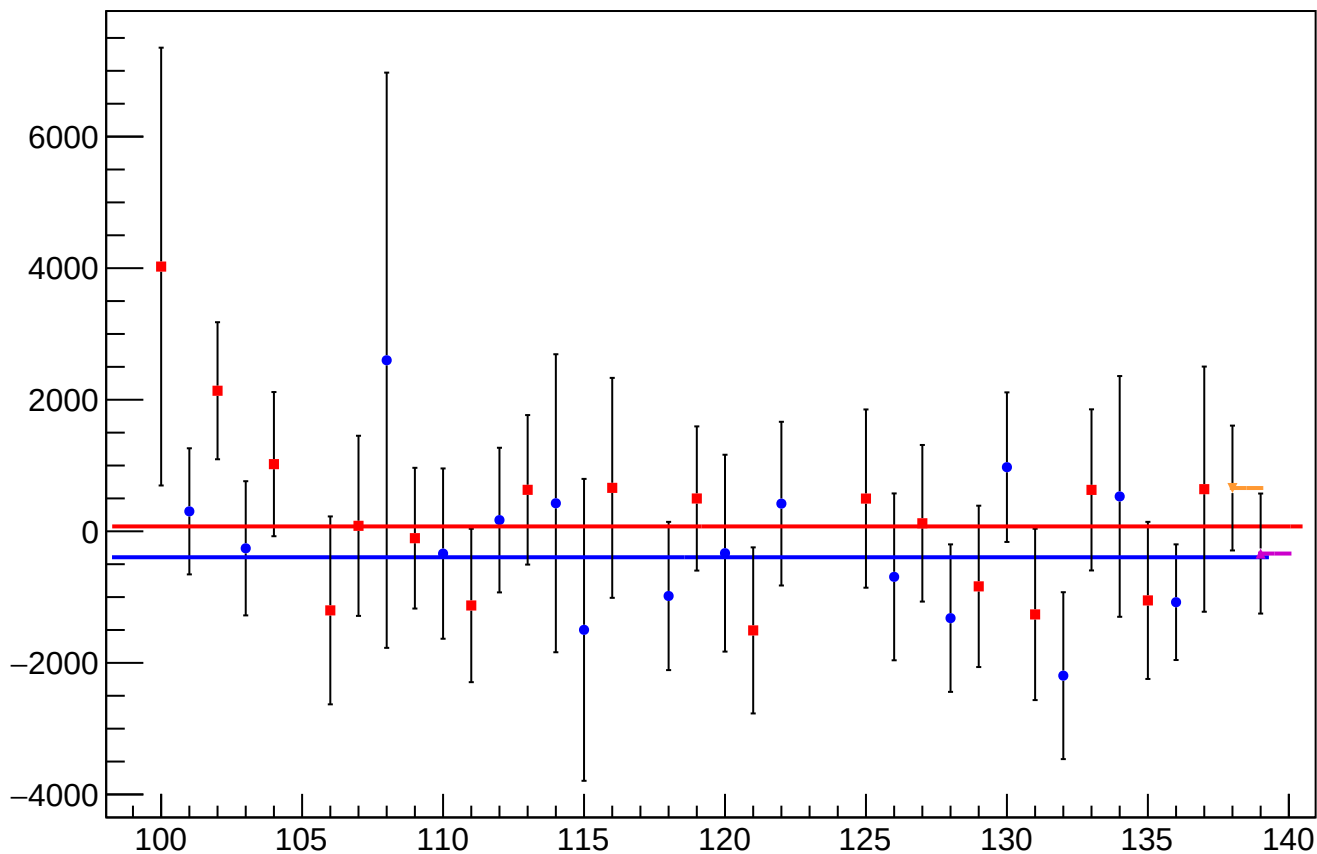
Right: 1463.597+/-0.283 χ^2/NDF : 541697.1/33

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

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

All: 1483.938+/-0.272 χ^2/NDF : 614681.2/35

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 657.911 ± 948.884 χ^2/NDF : 0.0/0

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

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

Left: 140.303 ± 657.651 χ^2/NDF : 0.6/1

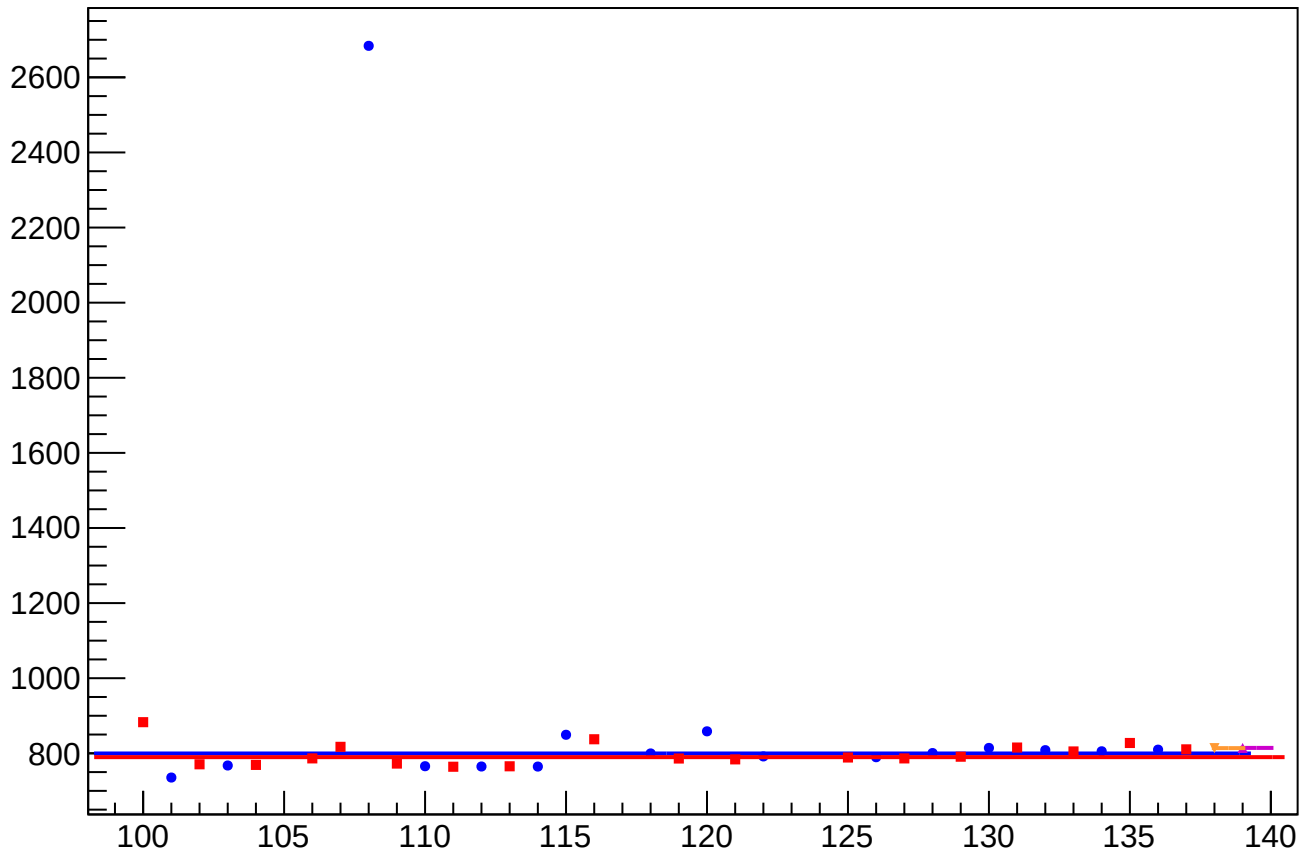
Right: -148.721 ± 216.034 χ^2/NDF : 21.5/33

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

Out: 126.811 ± 284.655 χ^2/NDF : 13.3/18

All: -120.571 ± 205.244 χ^2/NDF : 22.3/35

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: 814.421 $\pm$ 0.645 χ^2 /NDF: 0.0/0

Left: 814.119 $\pm$ 0.465 χ^2 /NDF: 0.5/1

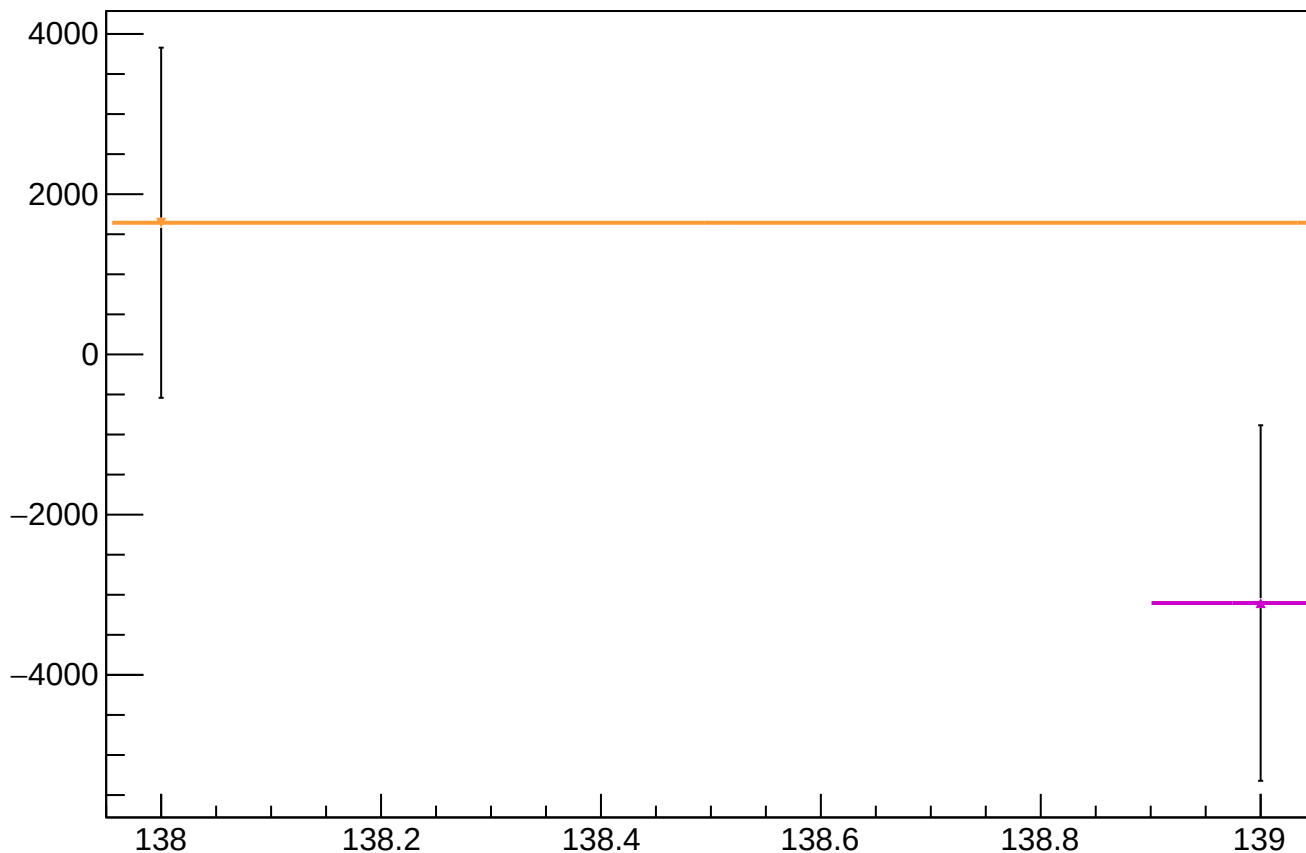
Right: 794.430 $\pm$ 0.153 χ^2 /NDF: 403375.5/33

In: 801.106 $\pm$ 0.209 χ^2 /NDF: 391662.1/16

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

All: 796.348 $\pm$ 0.145 χ^2 /NDF: 404993.9/35

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: -3103.212+/-2218.898 χ^2/NDF : 0.0/0

Left: -693.564+/-1556.981 χ^2/NDF : 2.3/1

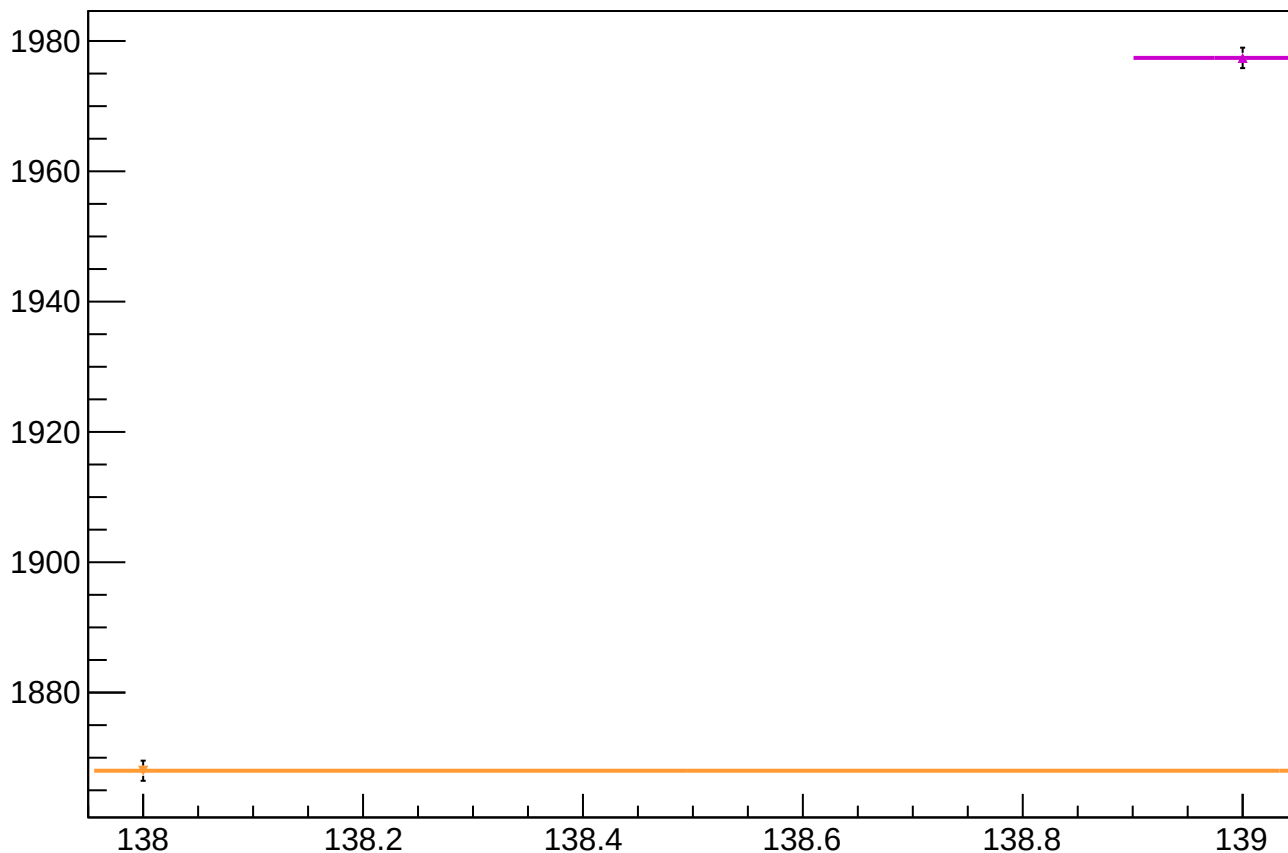
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -693.564+/-1556.981 χ^2/NDF : 2.3/1

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1868.002 $\pm$ 1.545 χ^2/NDF : 0.0/0

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

Left In: 1977.406 $\pm$ 1.569 χ^2/NDF : 0.0/0

Left: 1921.869 $\pm$ 1.101 χ^2/NDF : 2468.1/1

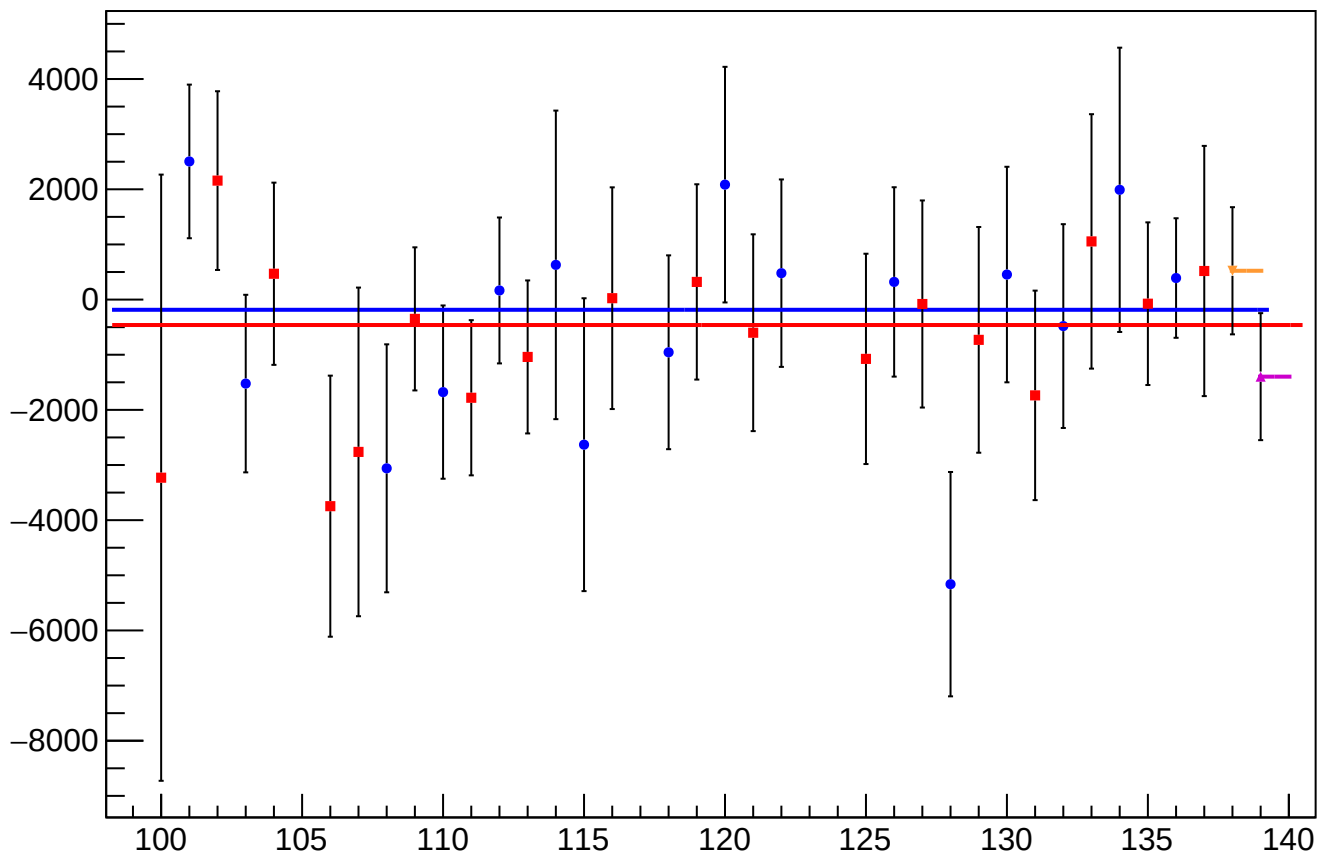
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 1977.406 $\pm$ 1.569 χ^2/NDF : 0.0/0

Out: 1868.002 $\pm$ 1.545 χ^2/NDF : 0.0/0

All: 1921.869 $\pm$ 1.101 χ^2/NDF : 2468.1/1

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: -1397.462+/-1151.525 χ^2/NDF : 0.0/0

Left: -438.846+/-814.839 χ^2/NDF : 1.4/1

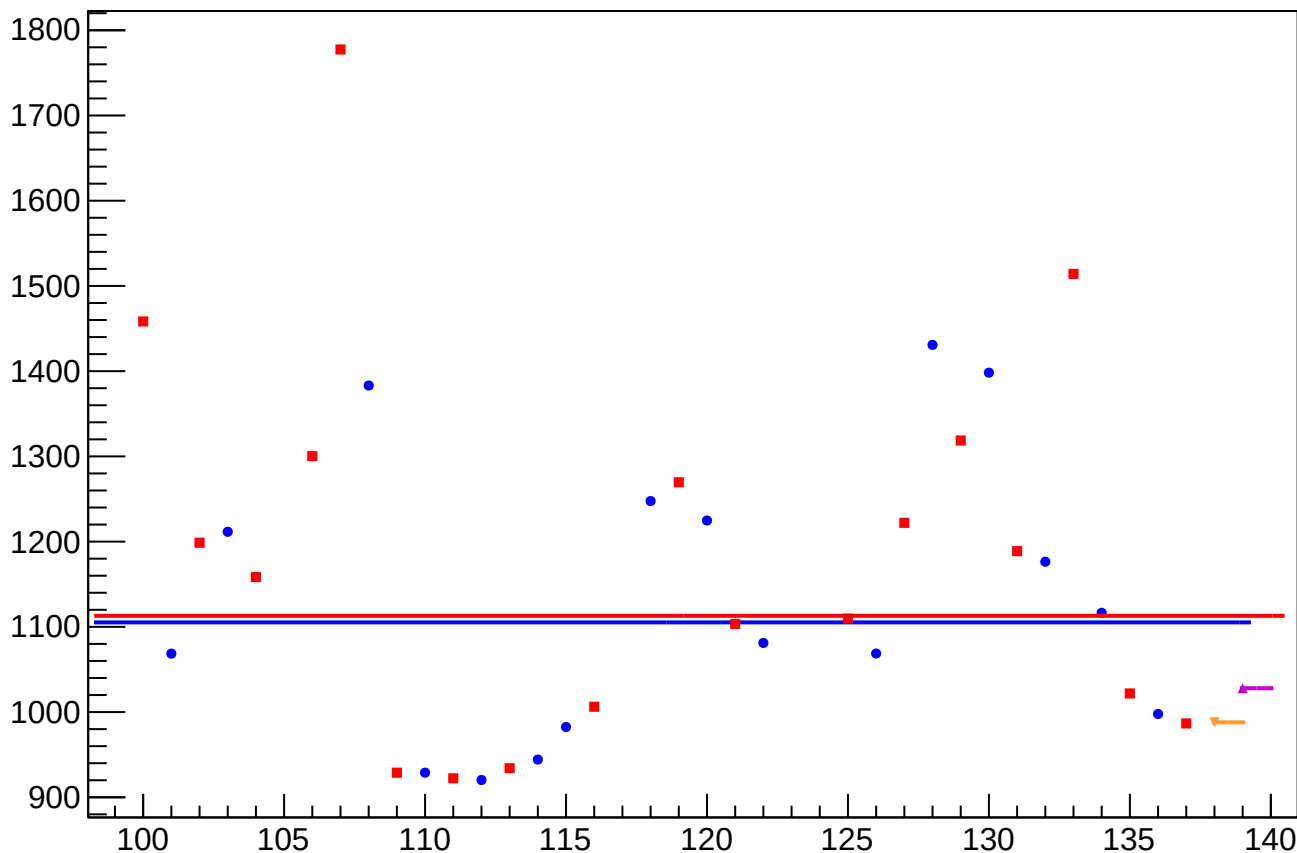
Right: -324.625+/-303.483 χ^2/NDF : 25.2/33

In: -334.331+/-404.059 χ^2/NDF : 17.6/16

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

All: -338.539+/-284.398 χ^2/NDF : 26.6/35

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: 1028.013+/-0.814 χ^2/NDF : 0.0/0

Left: 1008.025+/-0.576 χ^2/NDF : 1206.9/1

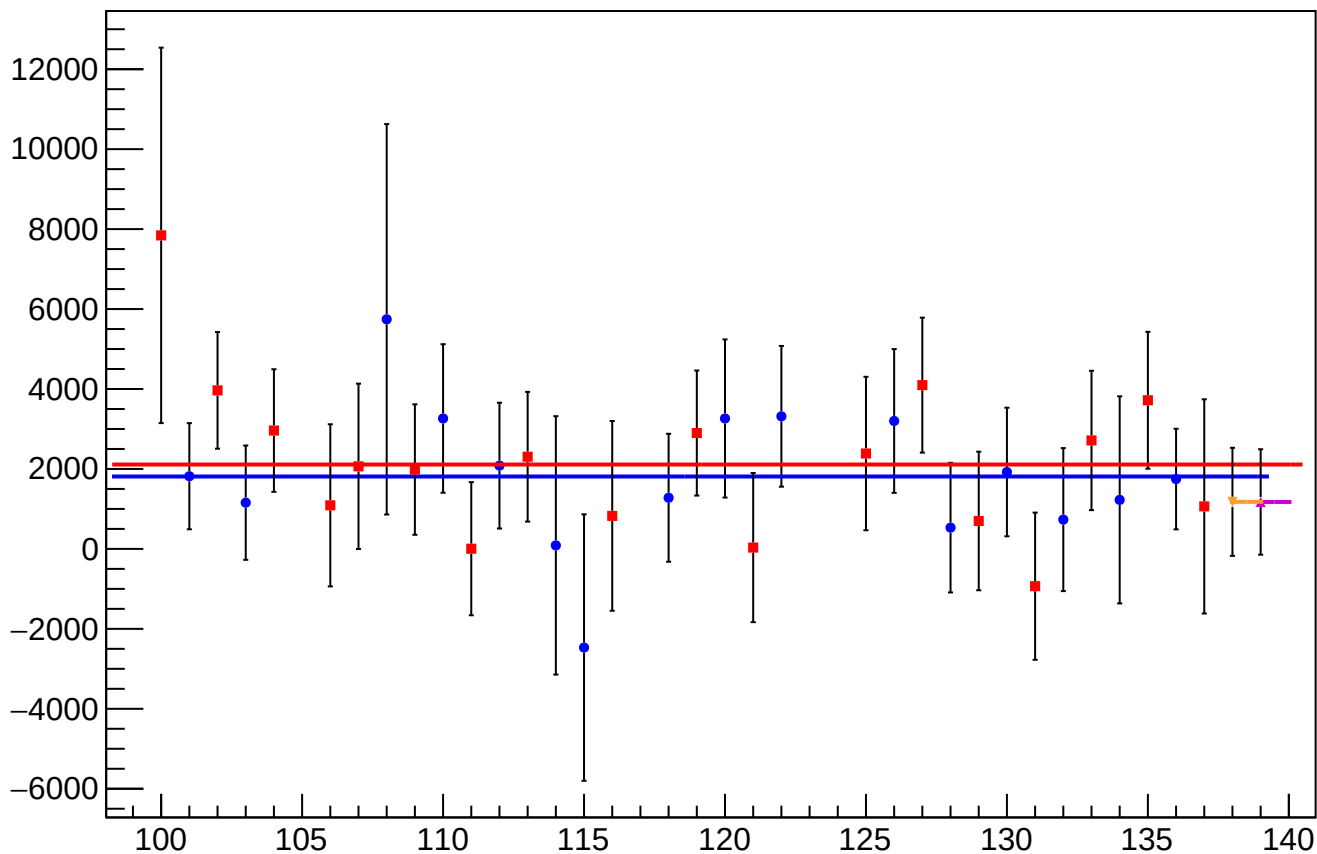
Right: 1109.146+/-0.215 χ^2/NDF : 618686.6/33

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

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

All: 1096.828+/-0.201 χ^2/NDF : 646942.6/35

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1177.284 $\pm$ 1351.582 χ^2 /NDF:0.0/0

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

Left In: 1174.157 $\pm$ 1318.494 χ^2 /NDF:0.0/0

Left: 1175.682 $\pm$ 943.797 χ^2 /NDF: 0.0/1

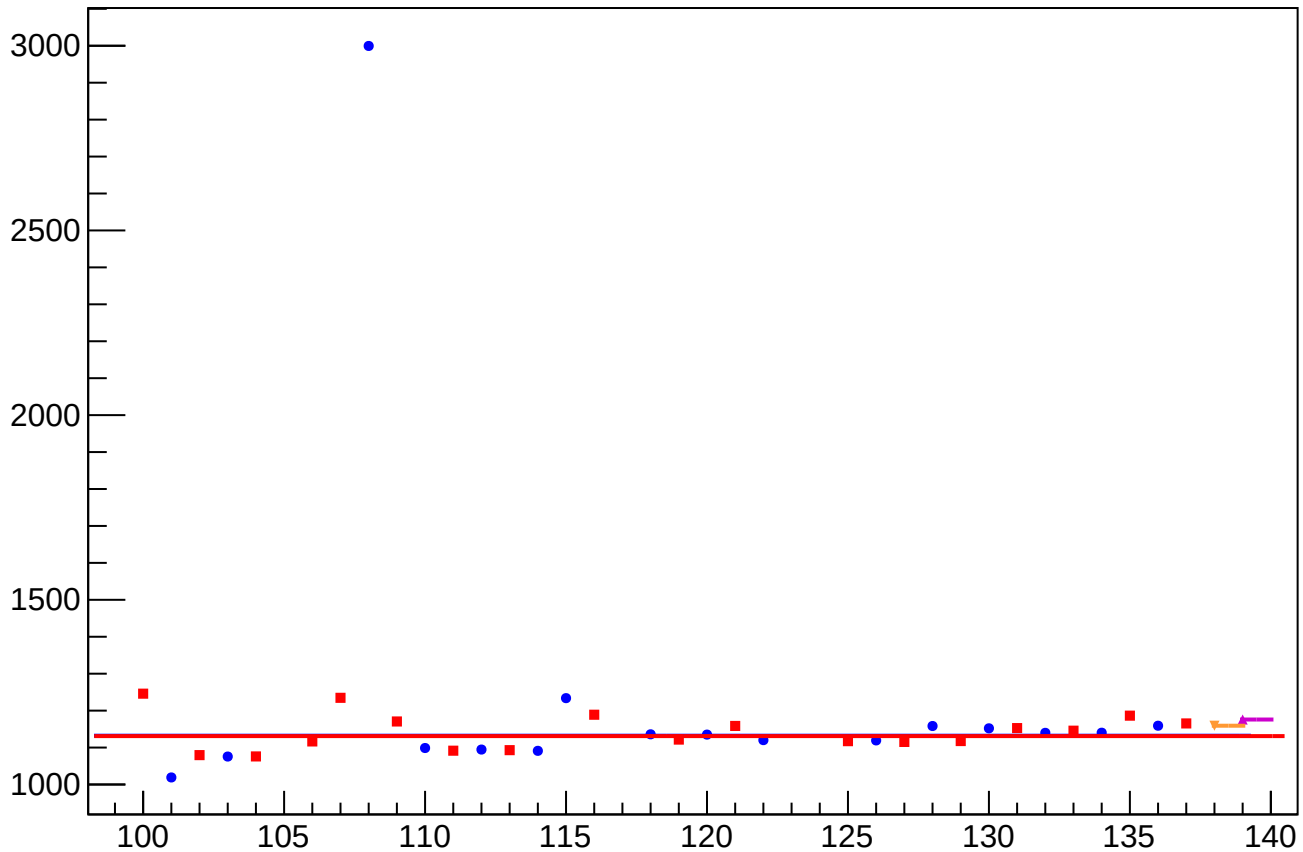
Right: 1966.016 $\pm$ 307.400 χ^2 /NDF: 19.7/33

In: 1746.673 $\pm$ 419.199 χ^2 /NDF:6.7/16

Out: 2026.023 $\pm$ 407.750 χ^2 /NDF:13.5/18

All: 1890.215 $\pm$ 292.287 χ^2 /NDF: 20.4/35

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: 1175.897 +/- 0.932 χ^2/NDF : 0.0/0

Left: 1167.726 +/- 0.667 χ^2/NDF : 157.5/1

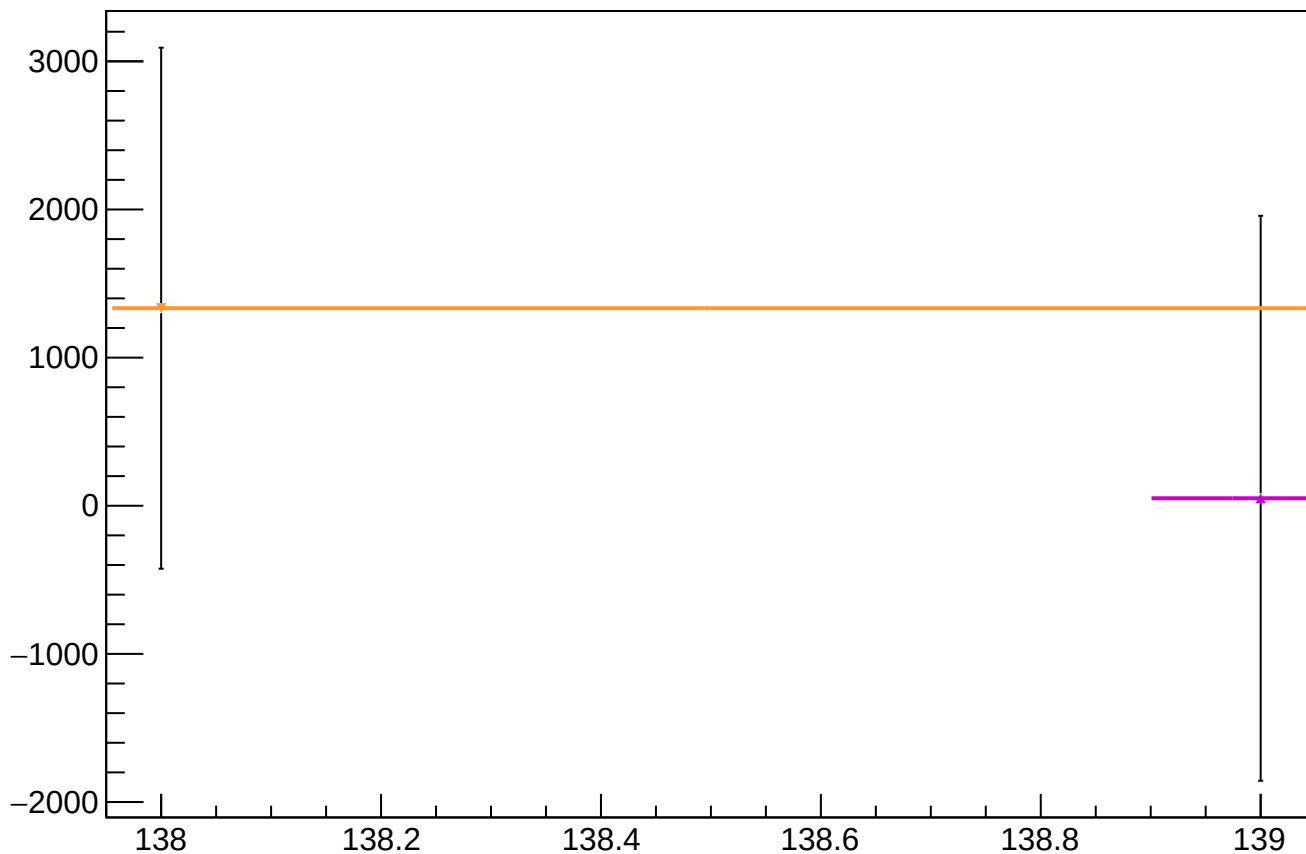
Right: 1131.528 +/- 0.217 χ^2/NDF : 335751.3/33

In: 1136.504 +/- 0.296 χ^2/NDF : 318012.3/16

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

All: 1135.000 +/- 0.207 χ^2/NDF : 338568.7/35

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: 50.482+/-1907.156 χ^2/NDF : 0.0/0

Left: 743.979+/-1292.869 χ^2/NDF : 0.2/1

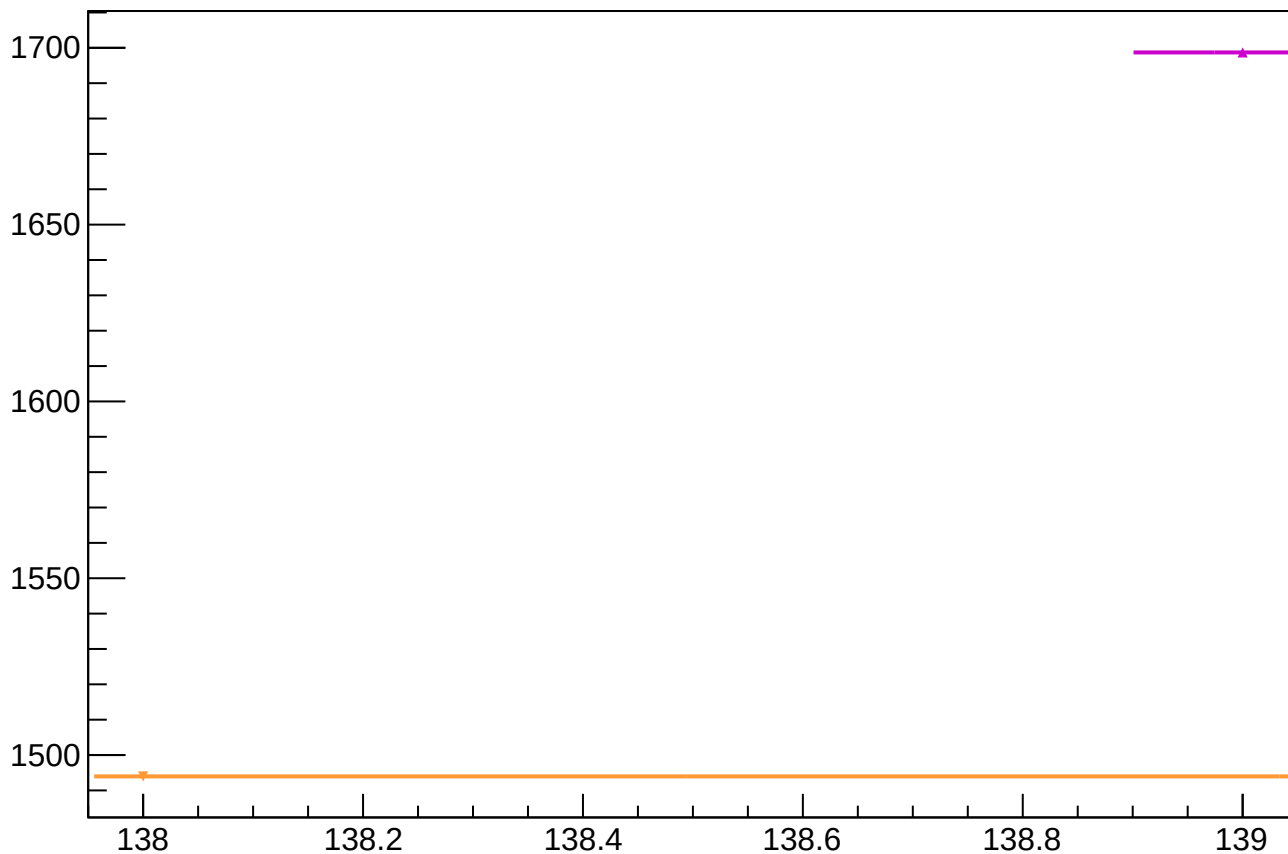
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 50.482+/-1907.156 χ^2/NDF : 0.0/0

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

All: 743.979+/-1292.869 χ^2/NDF : 0.2/1

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: 1698.693+/-1.349 χ^2/NDF : 0.0/0

Left: 1588.047+/-0.914 χ^2/NDF : 12456.0/1

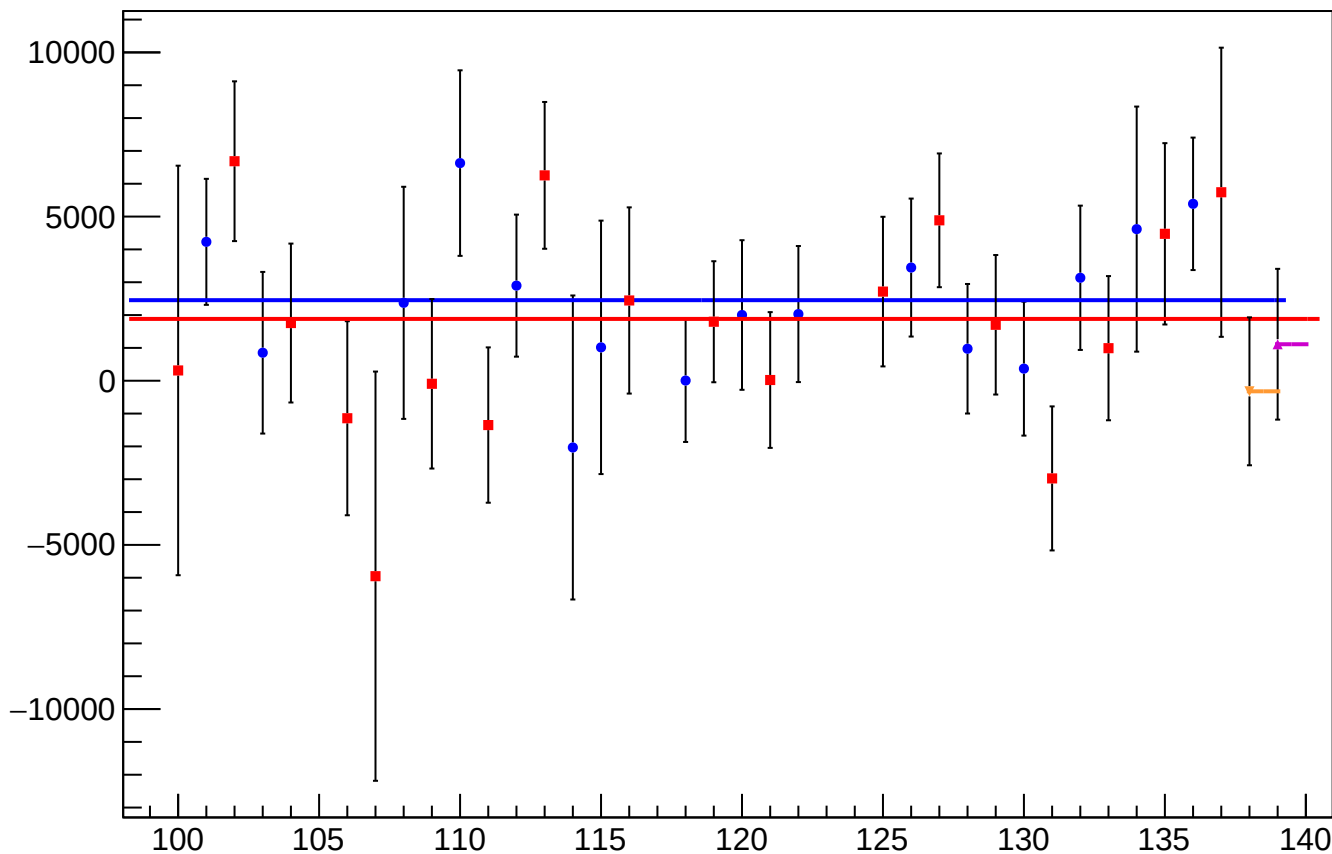
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1698.693+/-1.349 χ^2/NDF : 0.0/0

Out: 1493.962+/-1.244 χ^2/NDF : 0.0/0

All: 1588.047+/-0.914 χ^2/NDF : 12456.0/1

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: 1111.596+/-2296.306 χ^2/NDF : 0.0/0

Left: 380.922+/-1608.100 χ^2/NDF : 0.2/1

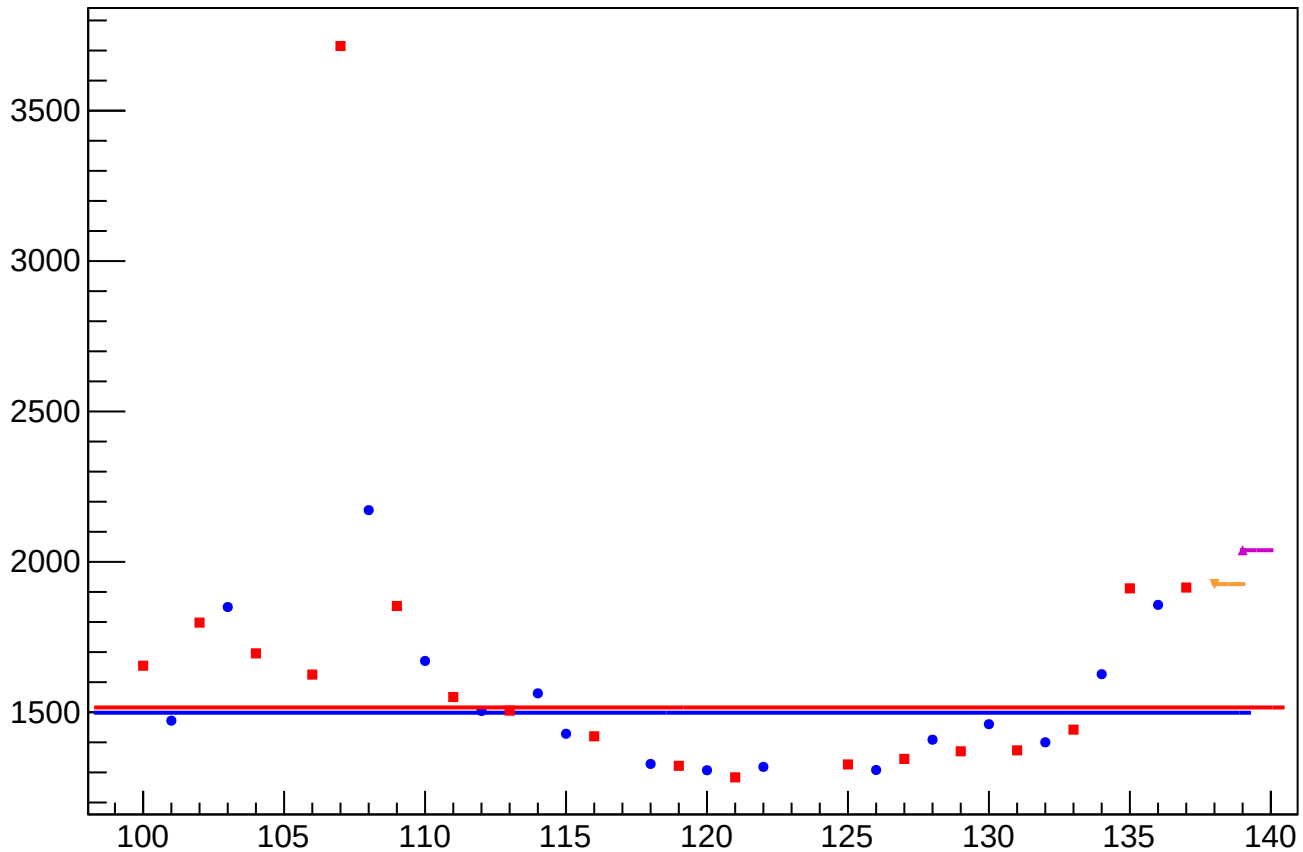
Right: 2167.665+/-412.771 χ^2/NDF : 34.0/33

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

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

All: 2057.221+/-399.810 χ^2/NDF : 35.3/35

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: 2038.710+/-1.624 χ^2/NDF : 0.0/0

Left: 1981.309+/-1.137 χ^2/NDF : 2452.4/1

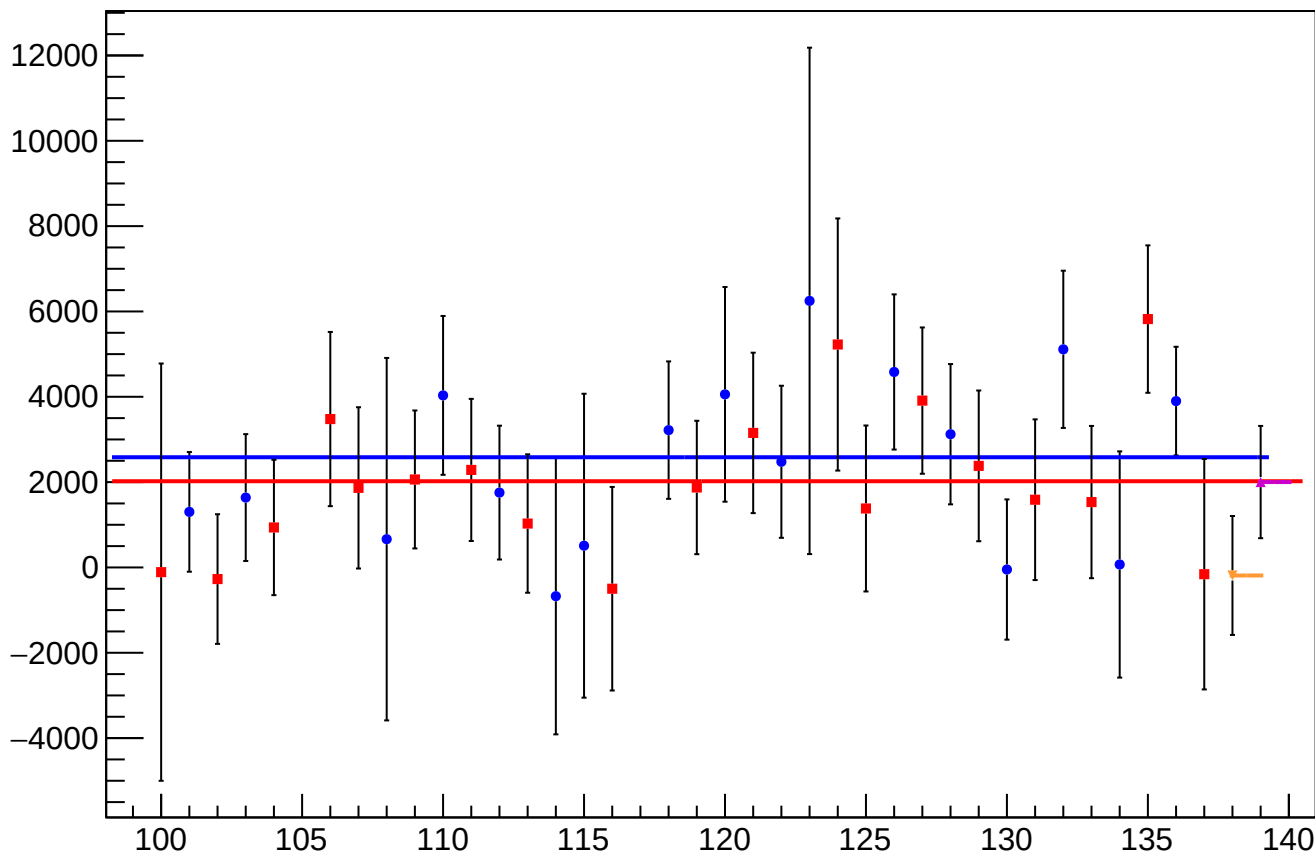
Right: 1507.233+/-0.292 χ^2/NDF : 740243.9/33

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

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

All: 1536.538+/-0.283 χ^2/NDF : 905771.7/35

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

Left: 969.381 $\pm$ 956.816 χ^2 /NDF: 1.3/1

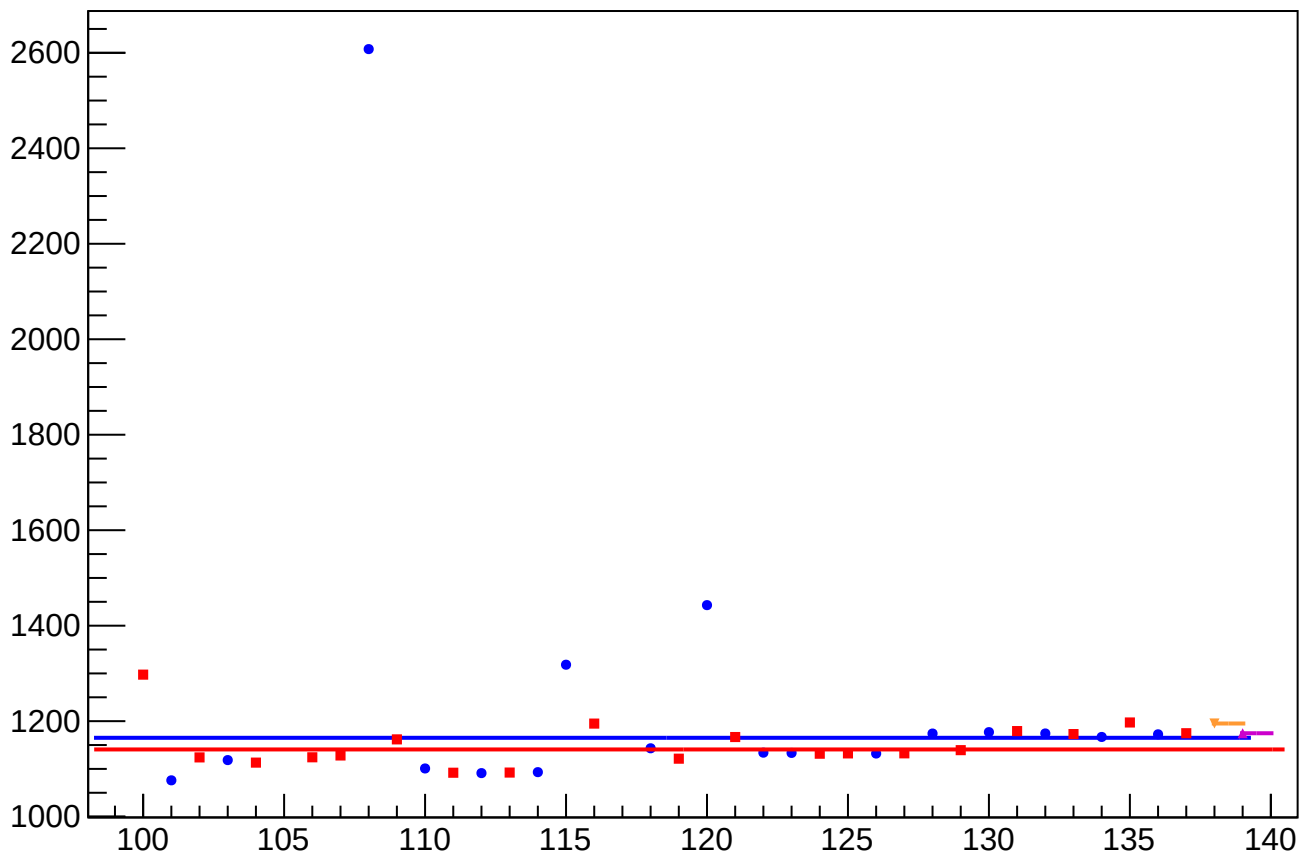
Right: 2284.984 $\pm$ 310.688 χ^2 /NDF: 26.6/35

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

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

All: 2159.502 $\pm$ 295.500 χ^2 /NDF: 29.6/37

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1195.104 $\pm$ 0.986 χ^2 /NDF:0.0/0

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

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

Left: 1184.311 $\pm$ 0.677 χ^2 /NDF: 226.8/1

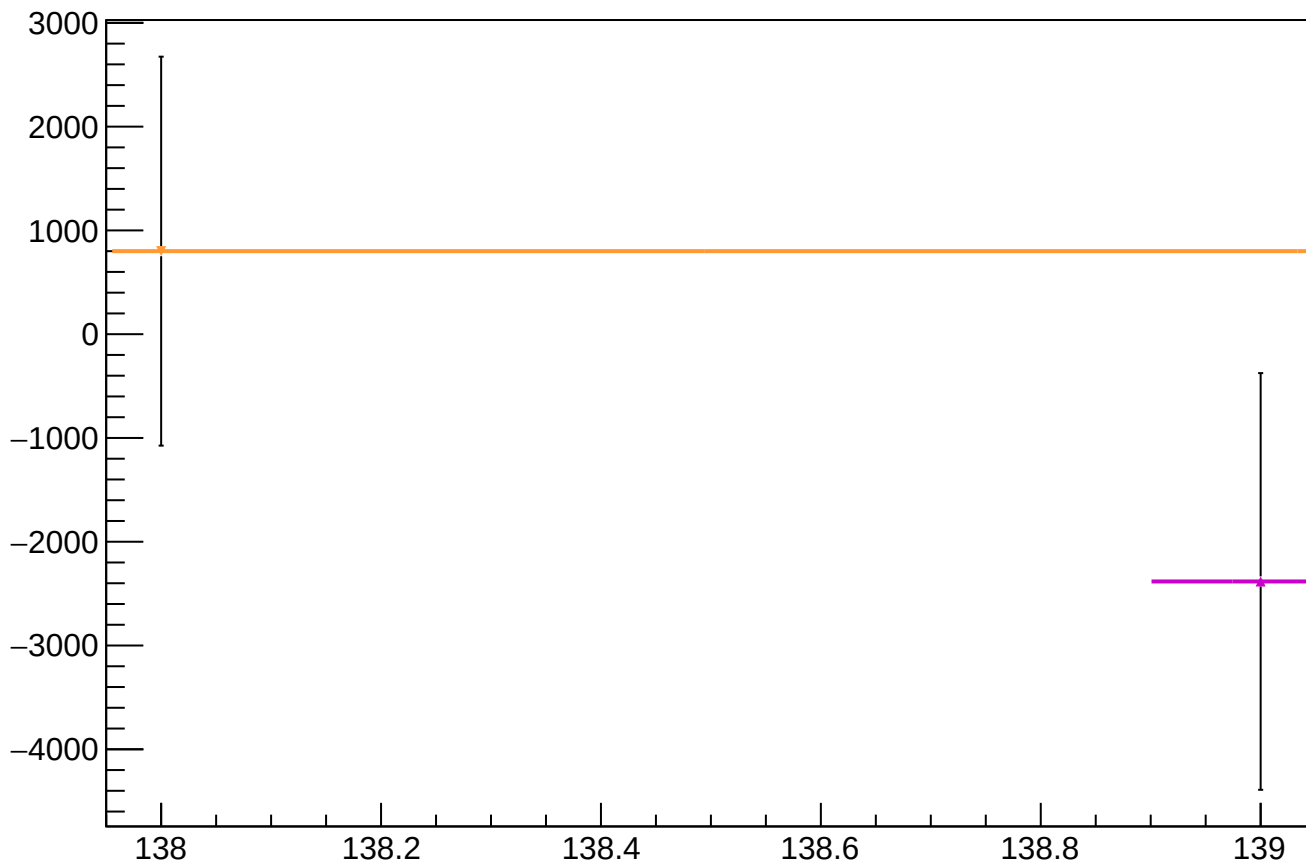
Right: 1152.217 $\pm$ 0.220 χ^2 /NDF: 294359.2/35

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

Out: 1145.411 $\pm$ 0.289 χ^2 /NDF:15498.3/19

All: 1155.278 $\pm$ 0.209 χ^2 /NDF: 296621.6/37

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

Left: -681.854+/-1369.946 χ^2/NDF : 1.3/1

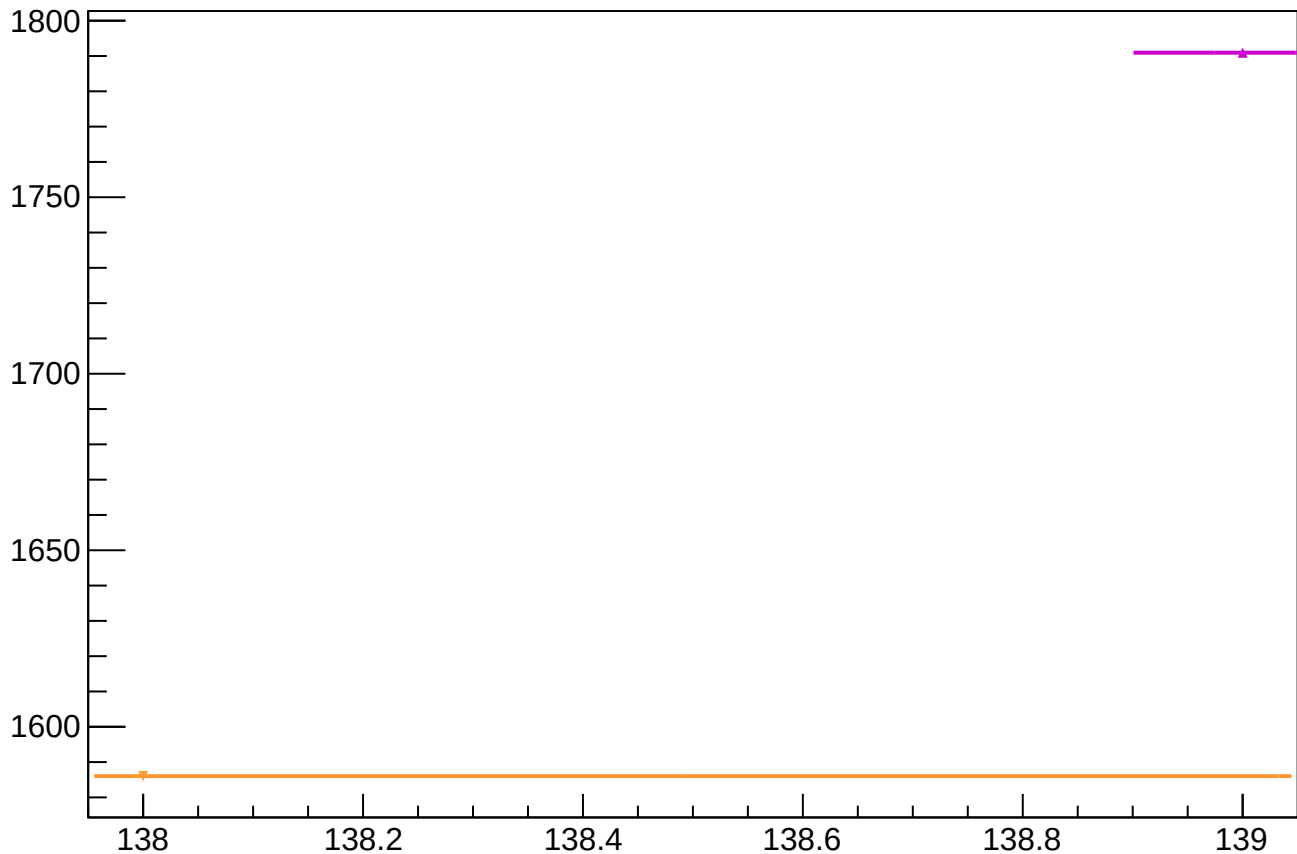
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -681.854+/-1369.946 χ^2/NDF : 1.3/1

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: 1790.944+/-1.420 χ^2/NDF : 0.0/0

Left: 1681.440+/-0.969 χ^2/NDF : 11134.3/1

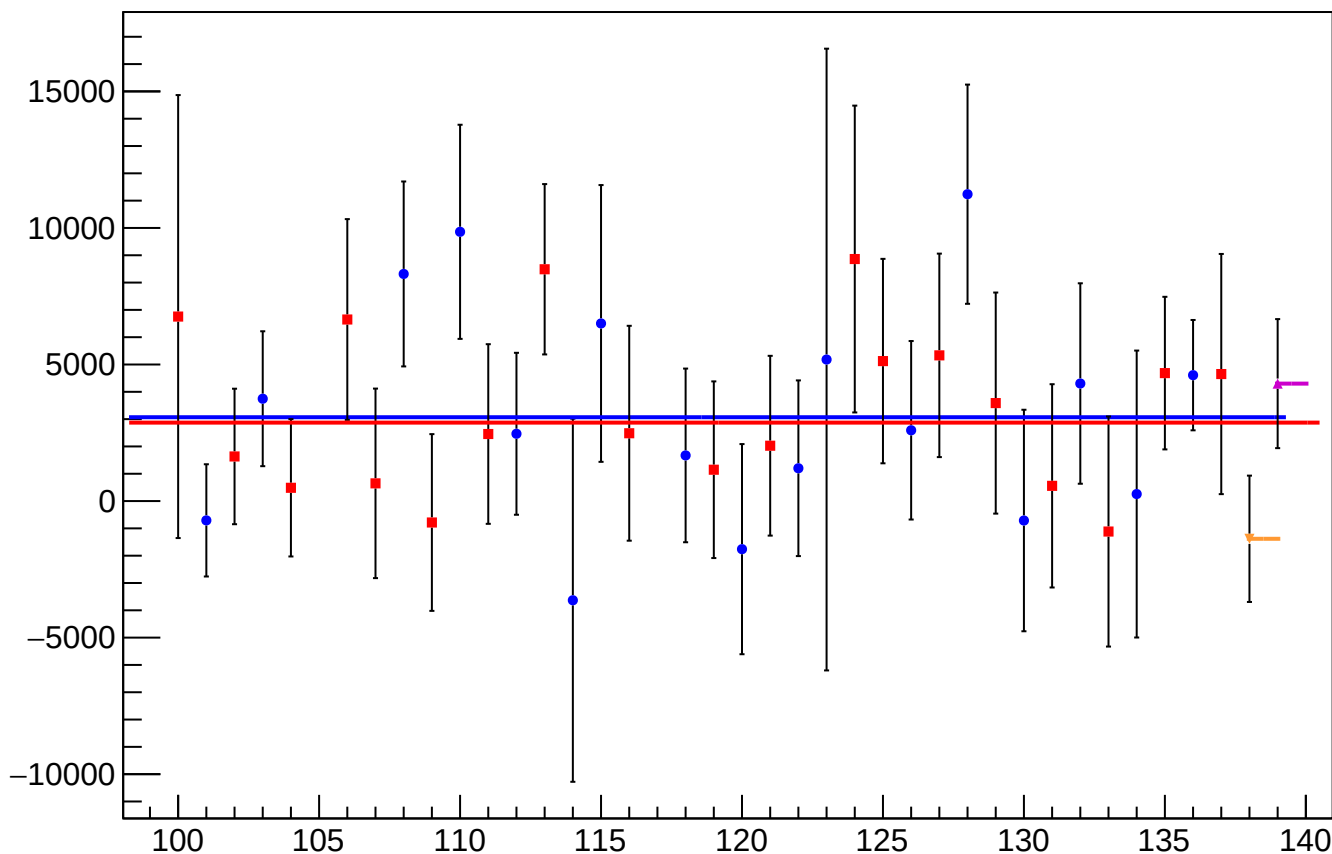
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1790.944+/-1.420 χ^2/NDF : 0.0/0

Out: 1586.027+/-1.325 χ^2/NDF : 0.0/0

All: 1681.440+/-0.969 χ^2/NDF : 11134.3/1

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: 4300.197+/-2362.363 χ^2/NDF : 0.0/0

Left: 1399.345+/-1652.717 χ^2/NDF : 3.0/1

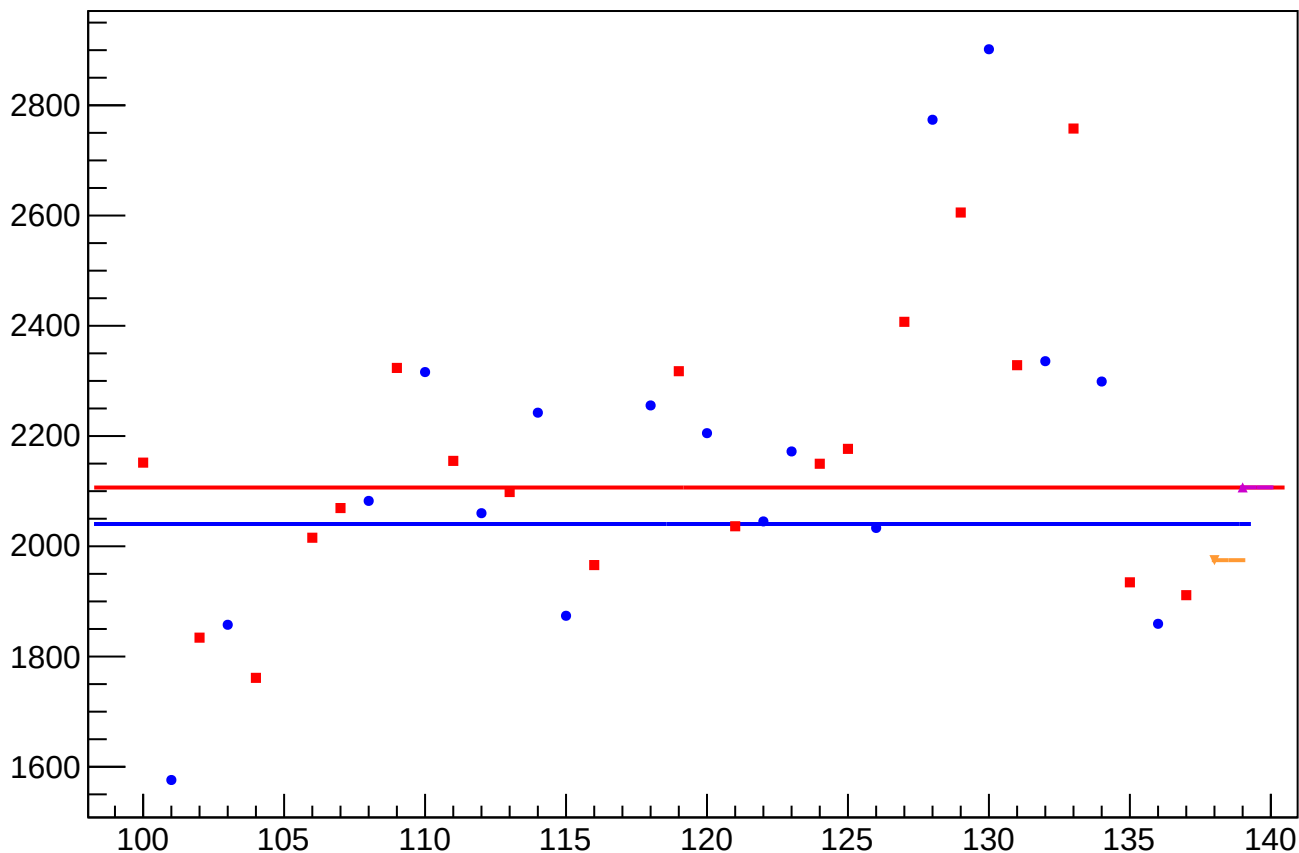
Right: 2970.754+/-563.242 χ^2/NDF : 30.1/35

In: 3195.461+/-755.810 χ^2/NDF : 18.8/17

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

All: 2807.238+/-533.132 χ^2/NDF : 33.9/37

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: 2106.852+/-1.670 χ^2/NDF : 0.0/0

Left: 2039.440+/-1.169 χ^2/NDF : 3189.8/1

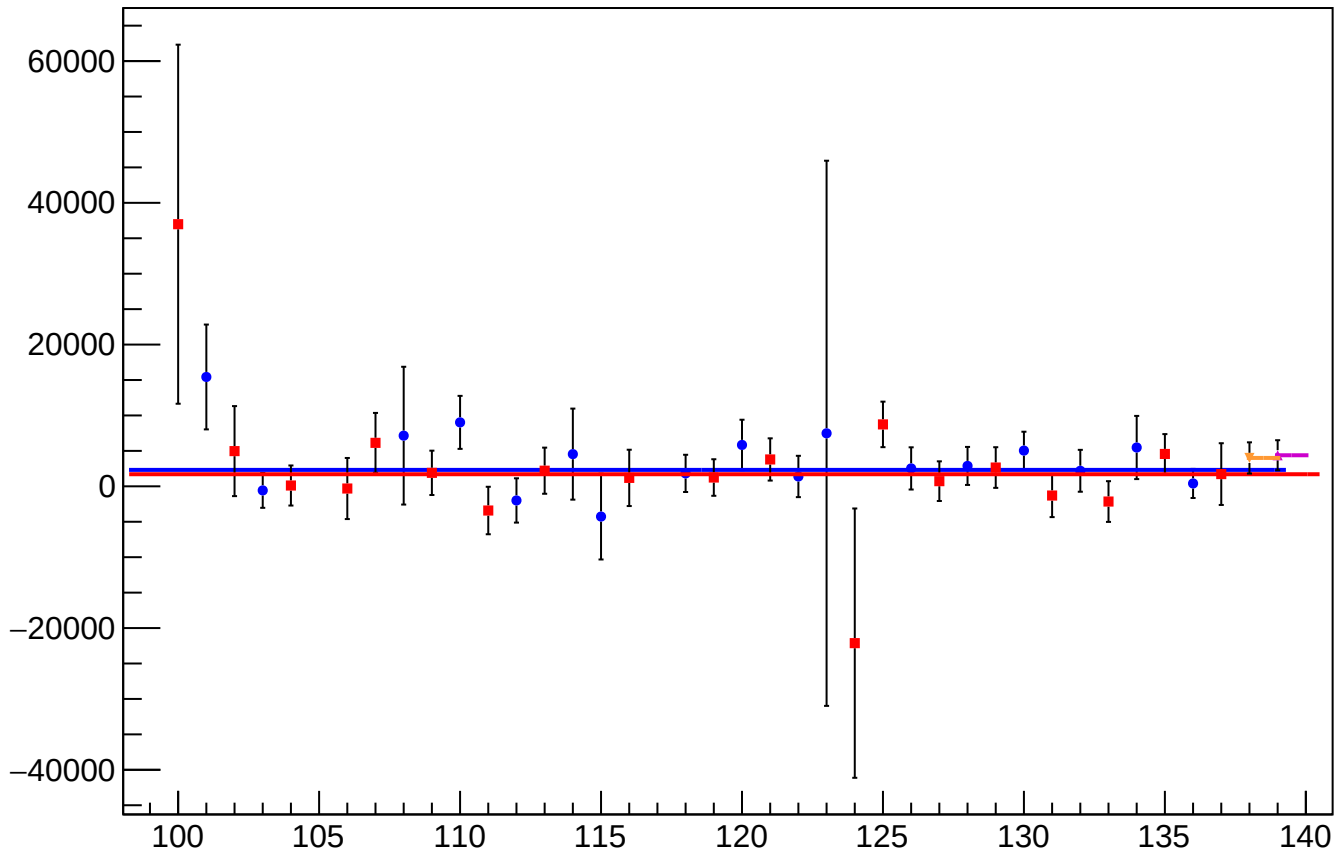
Right: 2073.628+/-0.398 χ^2/NDF : 533659.8/35

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

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

All: 2070.070+/-0.377 χ^2/NDF : 537616.4/37

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 4005.357+/-2200.794 χ^2/NDF : 0.0/0

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

Left In: 4382.368+/-2123.745 χ^2/NDF : 0.0/0

Left: 4200.578+/-1528.228 χ^2/NDF : 0.0/1

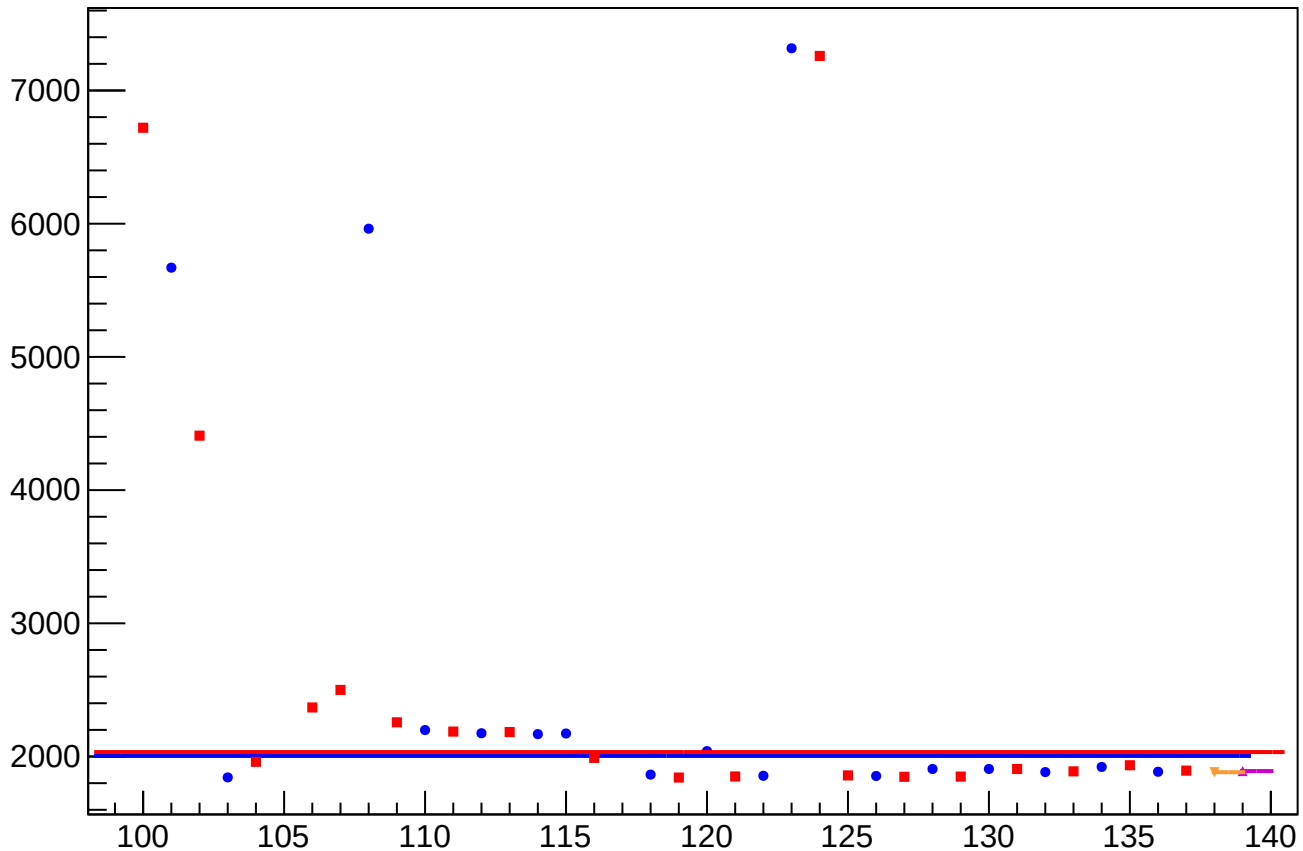
Right: 2005.073+/-560.015 χ^2/NDF : 32.3/35

In: 2576.246+/-749.826 χ^2/NDF : 15.6/17

Out: 1963.824+/-737.574 χ^2/NDF : 18.1/19

All: 2264.991+/-525.822 χ^2/NDF : 34.1/37

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: 1890.949+/-1.502 χ^2/NDF : 0.0/0

Left: 1886.815+/-1.081 χ^2/NDF : 15.7/1

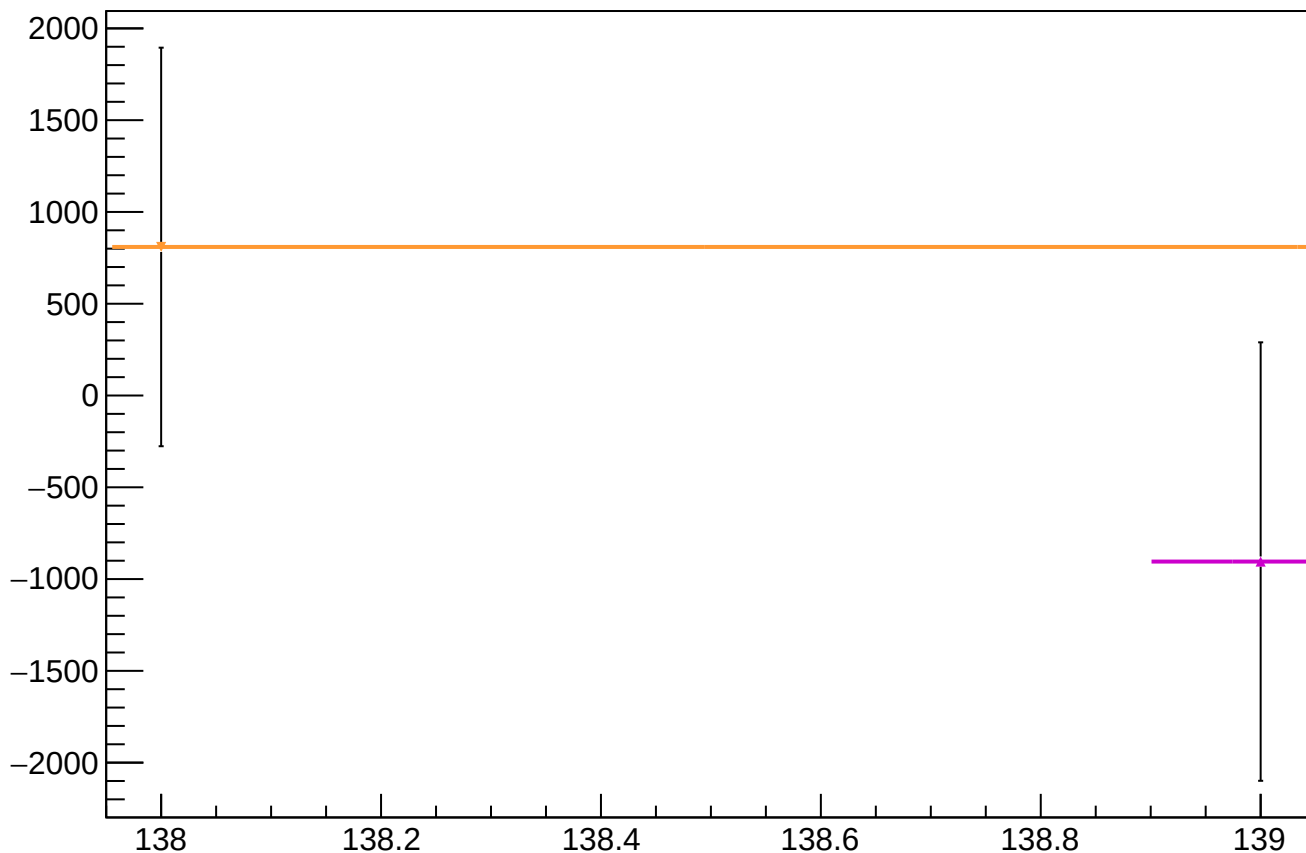
Right: 2019.360+/-0.396 χ^2/NDF : 1528357.7/35

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

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

All: 2003.669+/-0.372 χ^2/NDF : 1541637.0/37

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: -904.628+/-1194.327 χ^2/NDF : 0.0/0

Left: 33.890+/-803.340 χ^2/NDF : 1.1/1

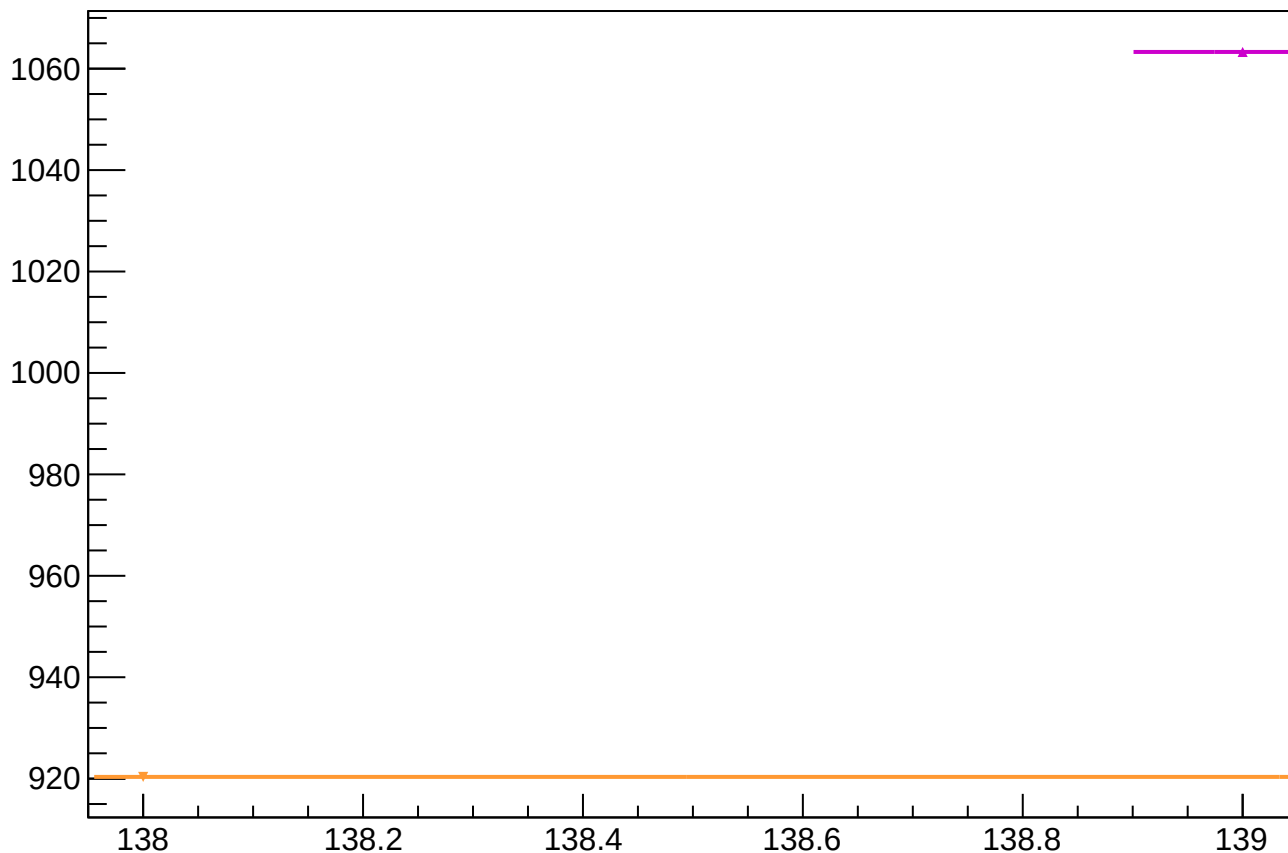
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: 33.890+/-803.340 χ^2/NDF : 1.1/1

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 920.346 $\pm$ 0.768 χ^2/NDF : 0.0/0

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

Left In: 1063.295 $\pm$ 0.845 χ^2/NDF : 0.0/0

Left: 985.021 $\pm$ 0.568 χ^2/NDF : 15688.5/1

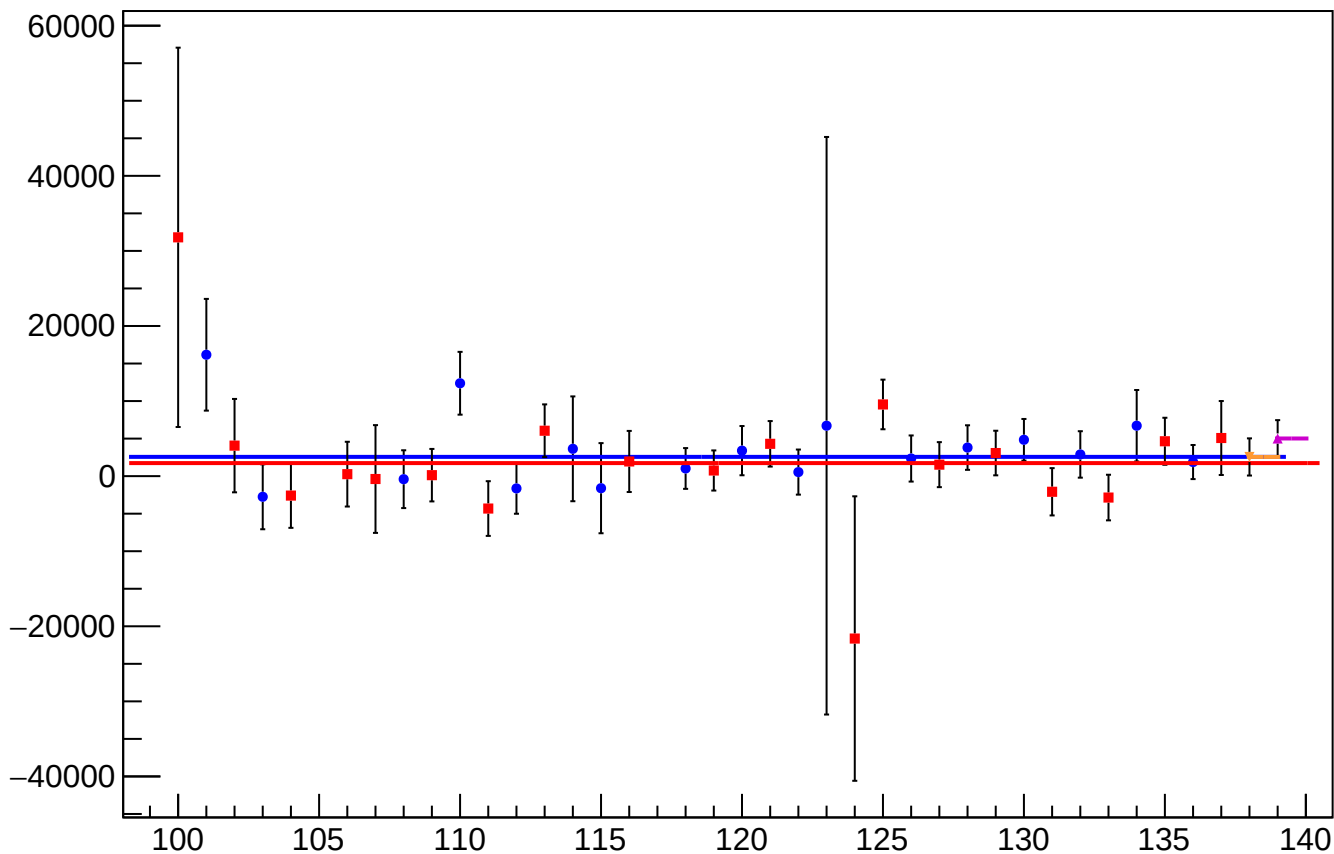
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 1063.295 $\pm$ 0.845 χ^2/NDF : 0.0/0

Out: 920.346 $\pm$ 0.768 χ^2/NDF : 0.0/0

All: 985.021 $\pm$ 0.568 χ^2/NDF : 15688.5/1

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

Left: 3800.663 $\pm$ 1739.362 χ^2 /NDF: 0.5/1

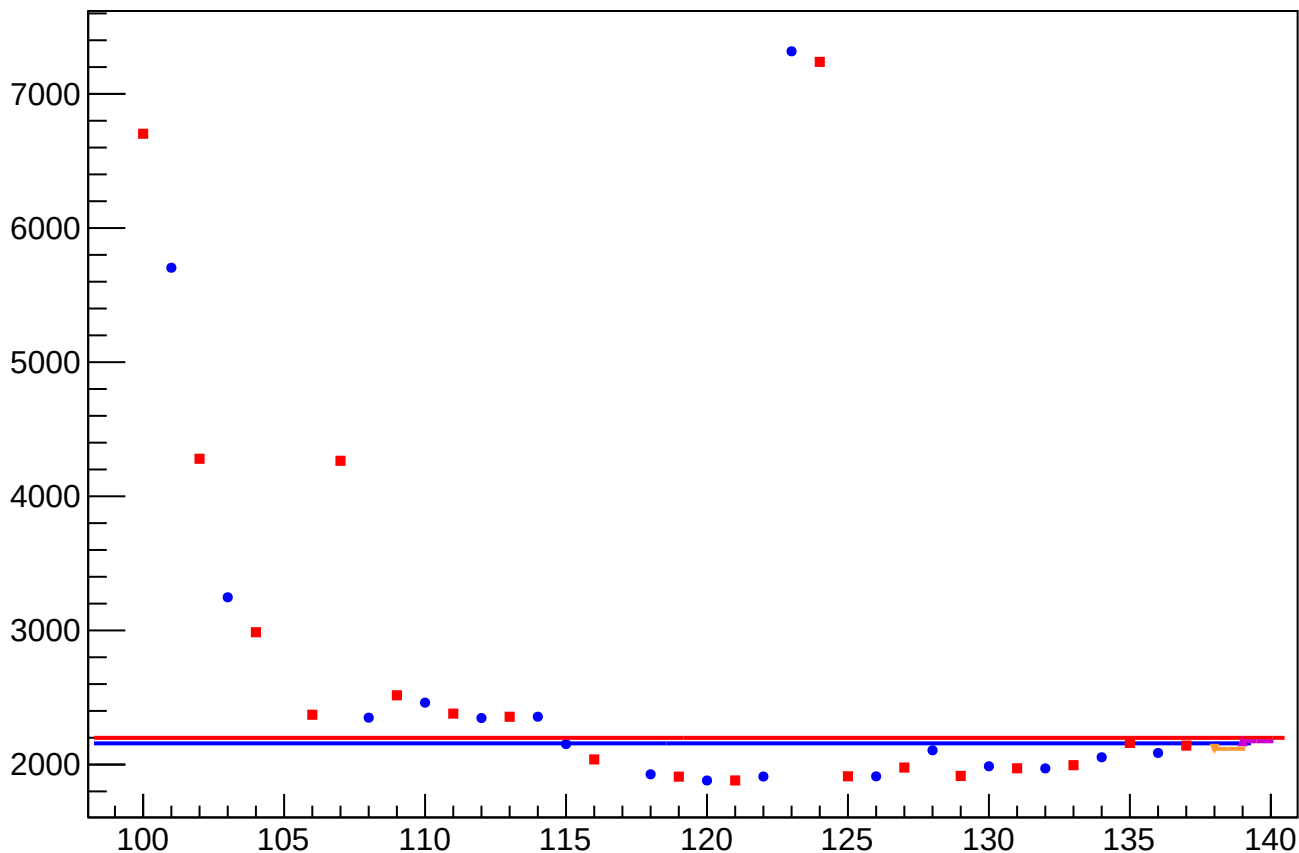
Right: 2150.830 $\pm$ 604.316 χ^2 /NDF: 36.5/35

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

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

All: 2328.533 $\pm$ 570.843 χ^2 /NDF: 37.9/37

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2117.352 $\pm$ 1.750 χ^2 /NDF:0.0/0

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

Left In: 2173.472 $\pm$ 1.728 χ^2 /NDF:0.0/0

Left: 2145.768 $\pm$ 1.230 χ^2 /NDF: 520.4/1

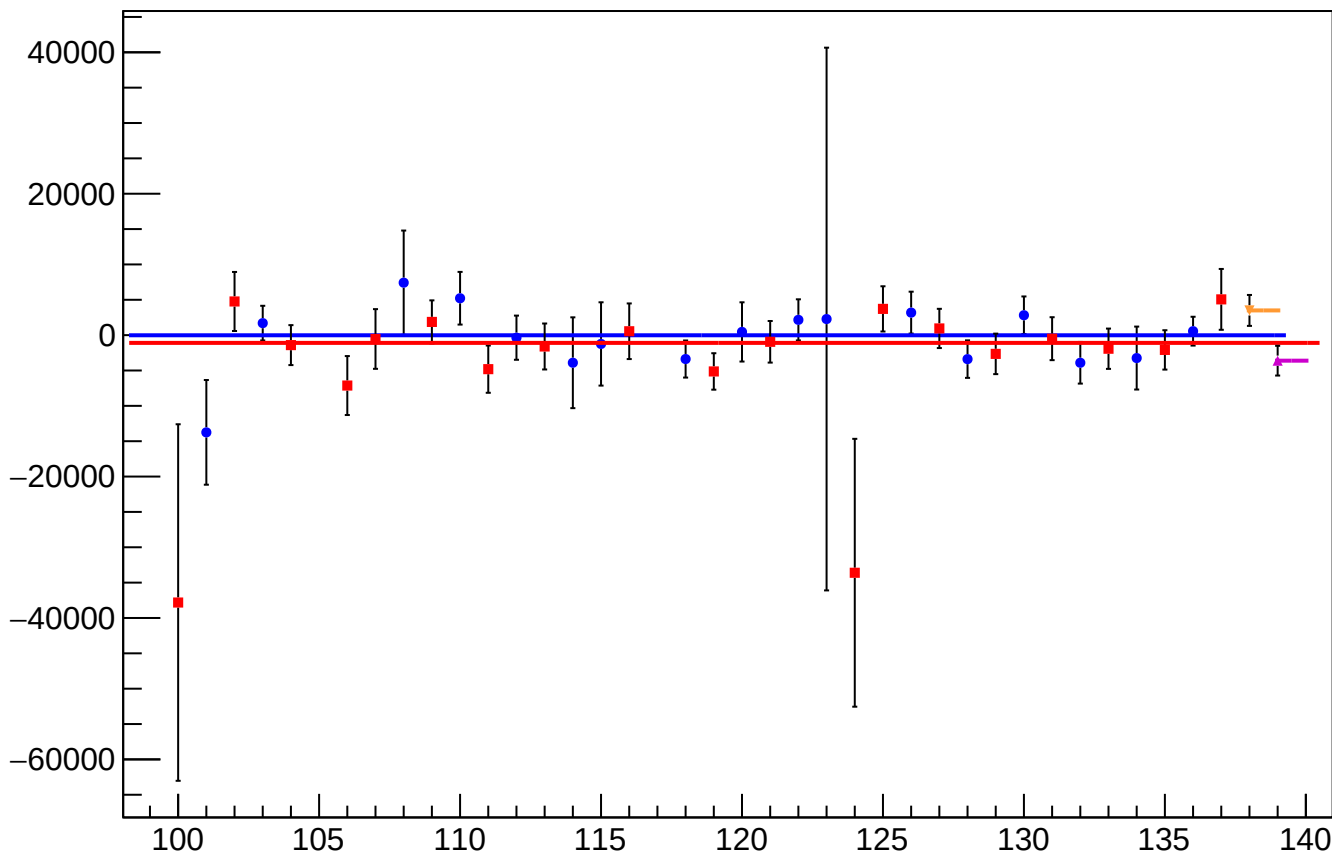
Right: 2178.816 $\pm$ 0.427 χ^2 /NDF: 1519207.5/35

In: 2159.823 $\pm$ 0.571 χ^2 /NDF:713932.1/17

Out: 2190.638 $\pm$ 0.570 χ^2 /NDF:804983.0/19

All: 2175.256 $\pm$ 0.404 χ^2 /NDF: 1520372.2/37

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -18.275 ± 801.405 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 3496.513 ± 2187.602 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1095.433 ± 769.722 $\chi^2/\text{NDF}: 19.4/18$

Left In: -3611.195 ± 2103.514 $\chi^2/\text{NDF}: 0.0/0$

Left: -196.569 ± 1516.265 $\chi^2/\text{NDF}: 5.5/1$

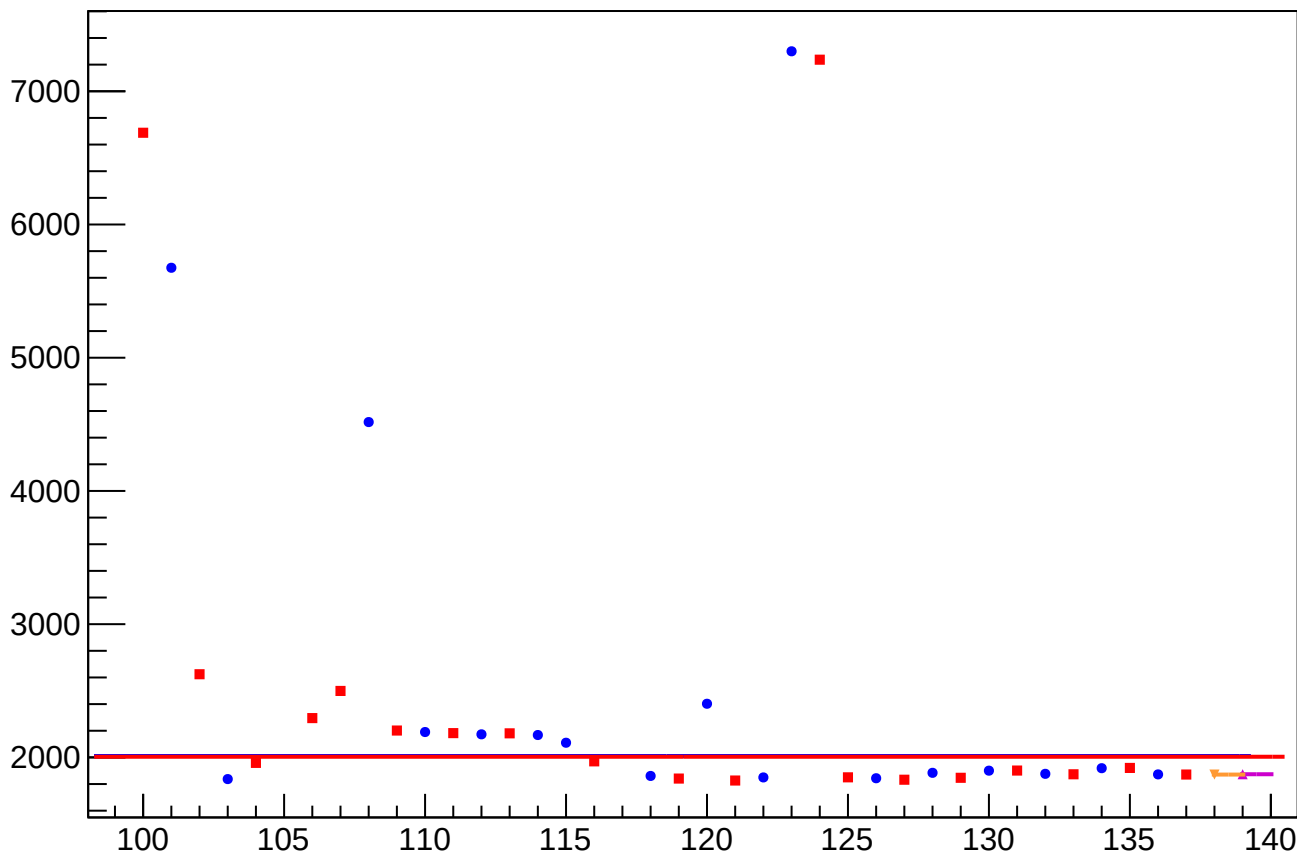
Right: -578.567 ± 555.139 $\chi^2/\text{NDF}: 36.2/35$

In: -473.681 ± 748.895 $\chi^2/\text{NDF}: 18.4/17$

Out: -589.563 ± 726.088 $\chi^2/\text{NDF}: 23.3/19$

All: -533.414 ± 521.298 $\chi^2/\text{NDF}: 41.7/37$

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: 1873.591+/-1.487 χ^2/NDF : 0.0/0

Left: 1872.387+/-1.072 χ^2/NDF : 1.4/1

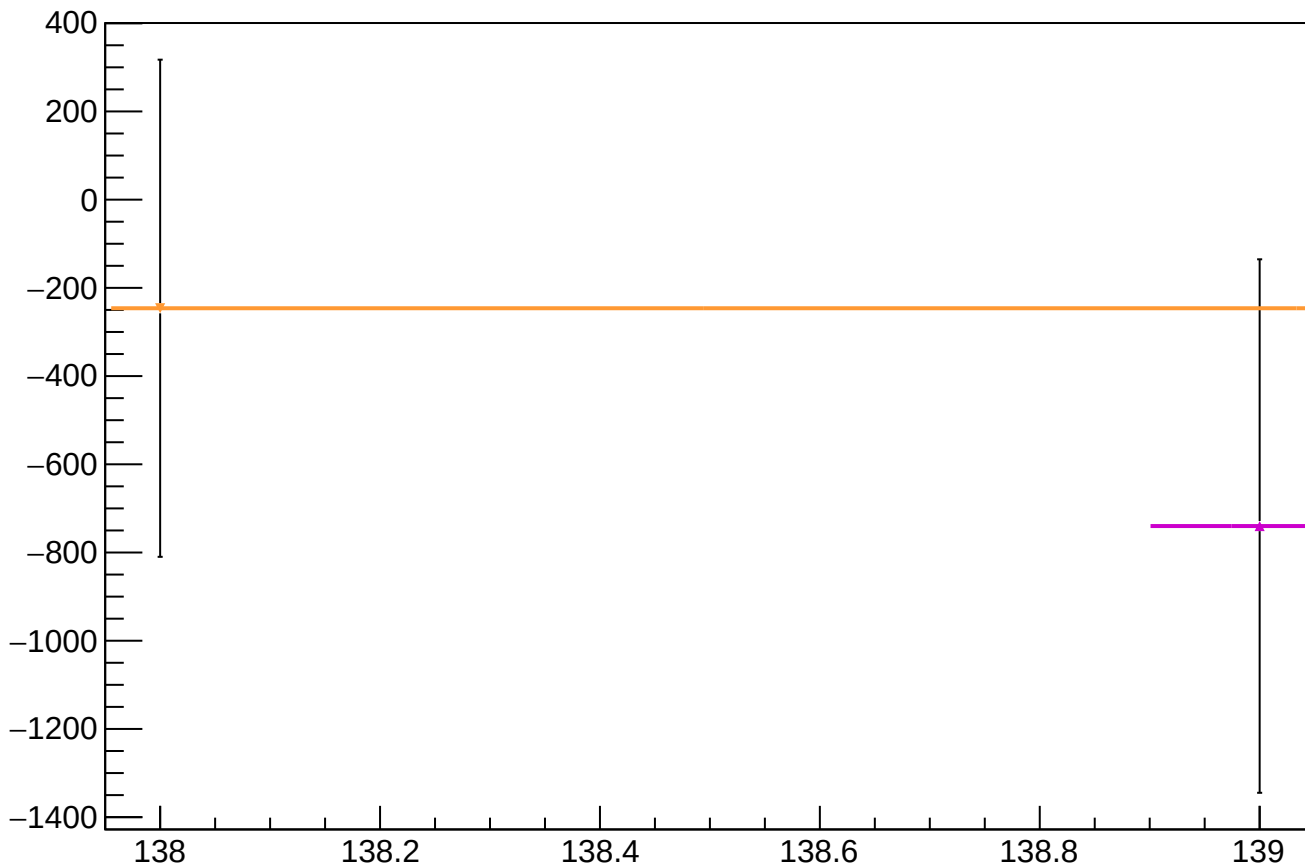
Right: 2007.469+/-0.393 χ^2/NDF : 1207306.7/35

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

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

All: 1991.502+/-0.369 χ^2/NDF : 1221305.3/37

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -246.217 $\pm$ 563.573 χ^2 /NDF:0.0/0

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

Left In: -740.002 $\pm$ 604.764 χ^2 /NDF:0.0/0

Left: -475.722 $\pm$ 412.300 χ^2 /NDF: 0.4/1

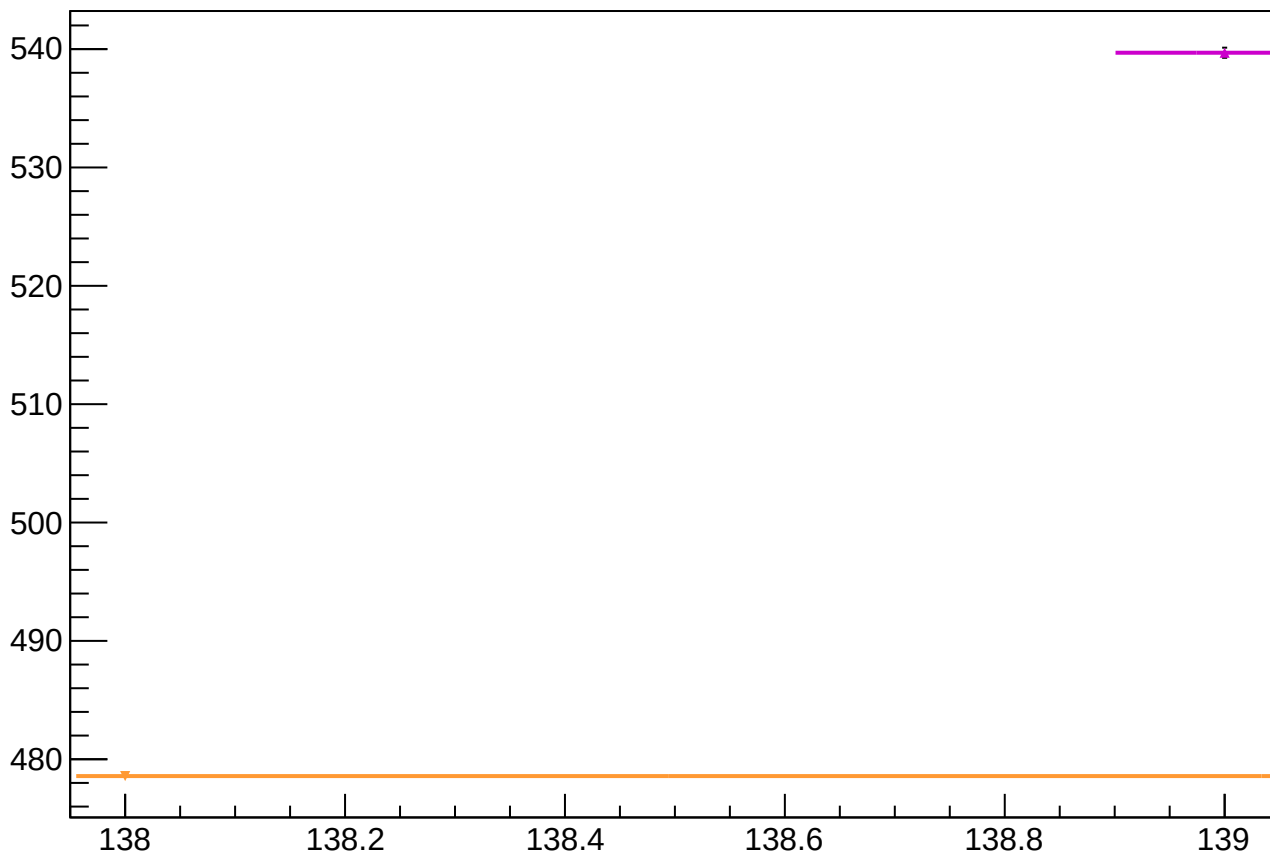
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -740.002 $\pm$ 604.764 χ^2 /NDF:0.0/0

Out: -246.217 $\pm$ 563.573 χ^2 /NDF:0.0/0

All: -475.722 $\pm$ 412.300 χ^2 /NDF: 0.4/1

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: 539.694+/-0.428 χ^2/NDF : 0.0/0

Left: 506.984+/-0.292 χ^2/NDF : 10932.2/1

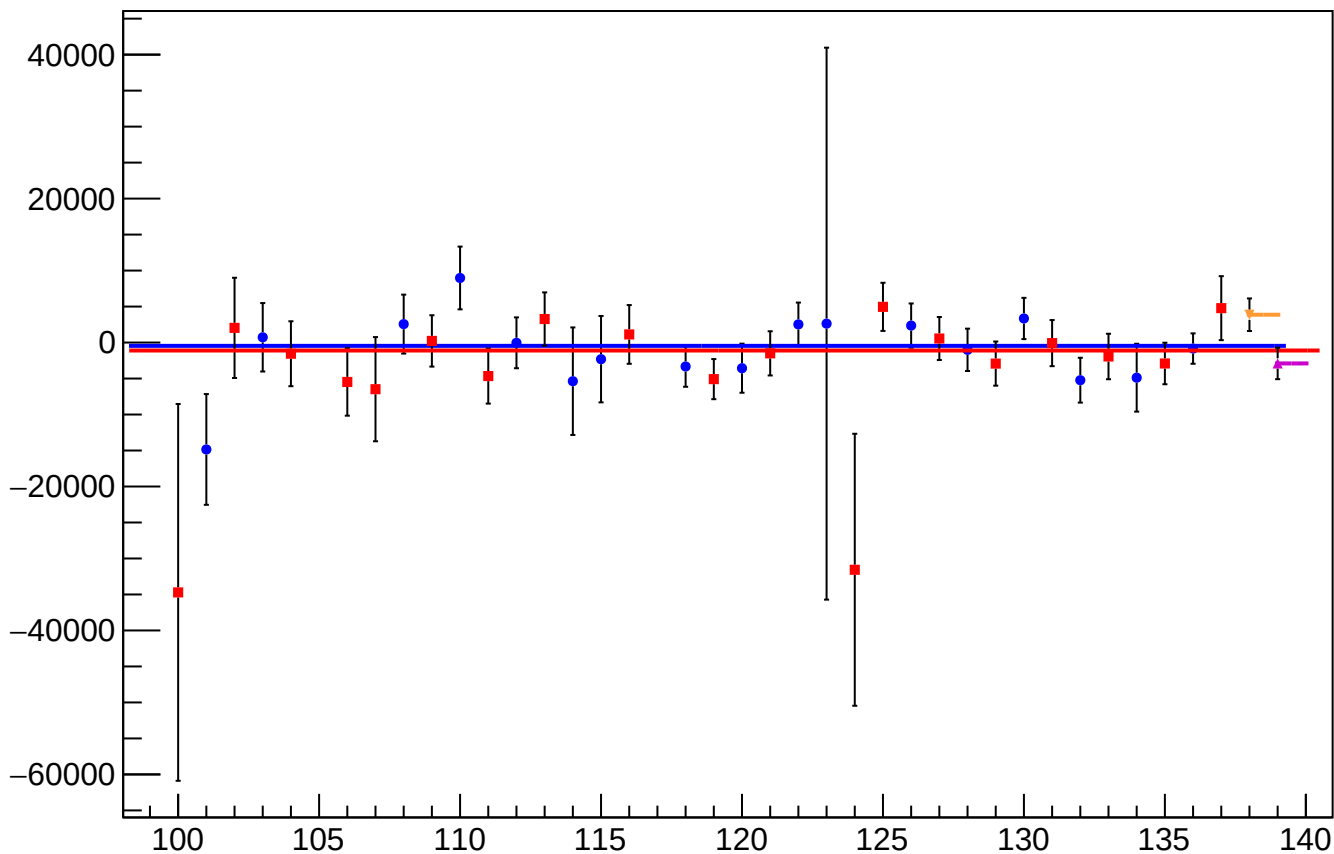
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 539.694+/-0.428 χ^2/NDF : 0.0/0

Out: 478.577+/-0.399 χ^2/NDF : 0.0/0

All: 506.984+/-0.292 χ^2/NDF : 10932.2/1

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

Left: 360.967+/-1571.815 χ^2/NDF : 4.6/1

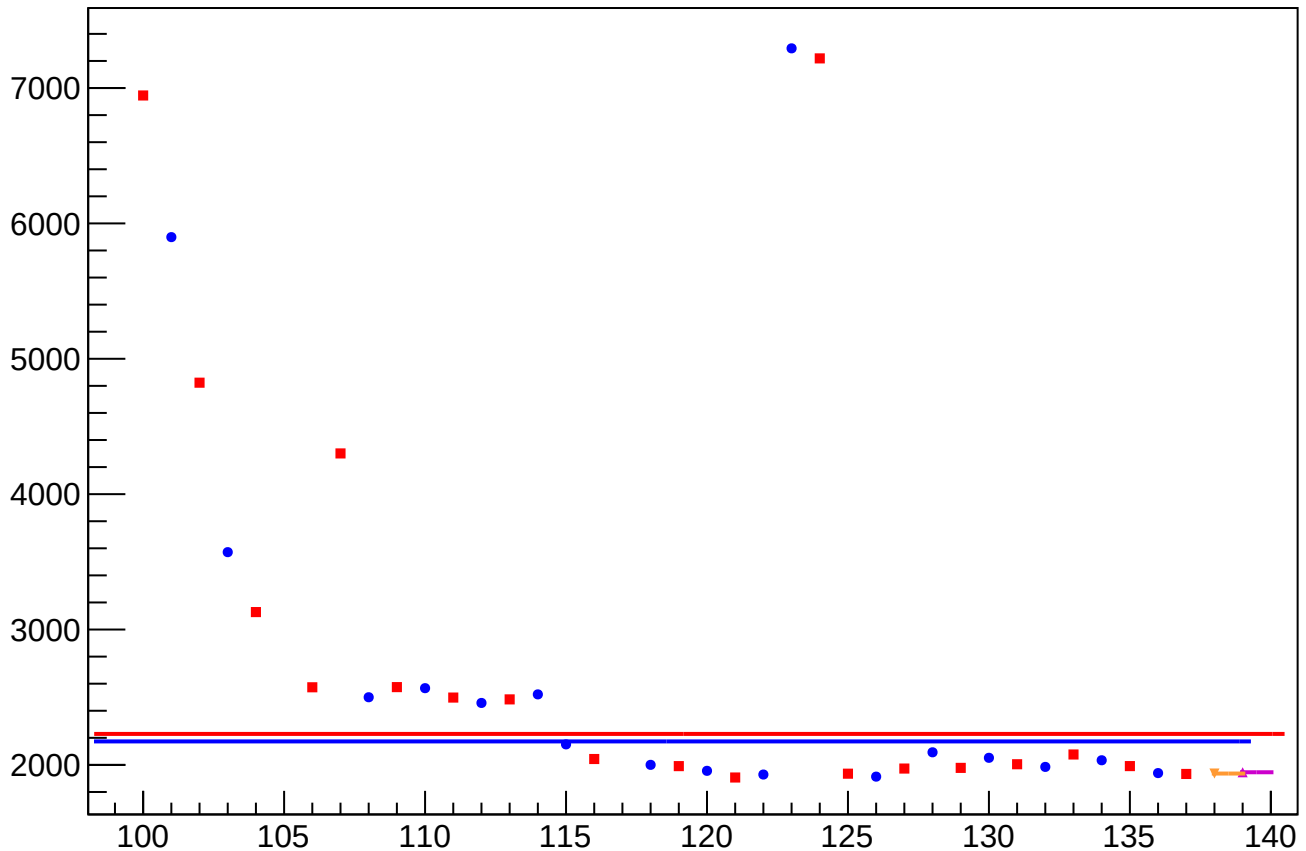
Right: -780.562+/-612.463 χ^2/NDF : 35.2/35

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

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

All: -630.090+/-570.671 χ^2/NDF : 40.3/37

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: 1945.709+/-1.545 χ^2/NDF : 0.0/0

Left: 1941.125+/-1.111 χ^2/NDF : 18.3/1

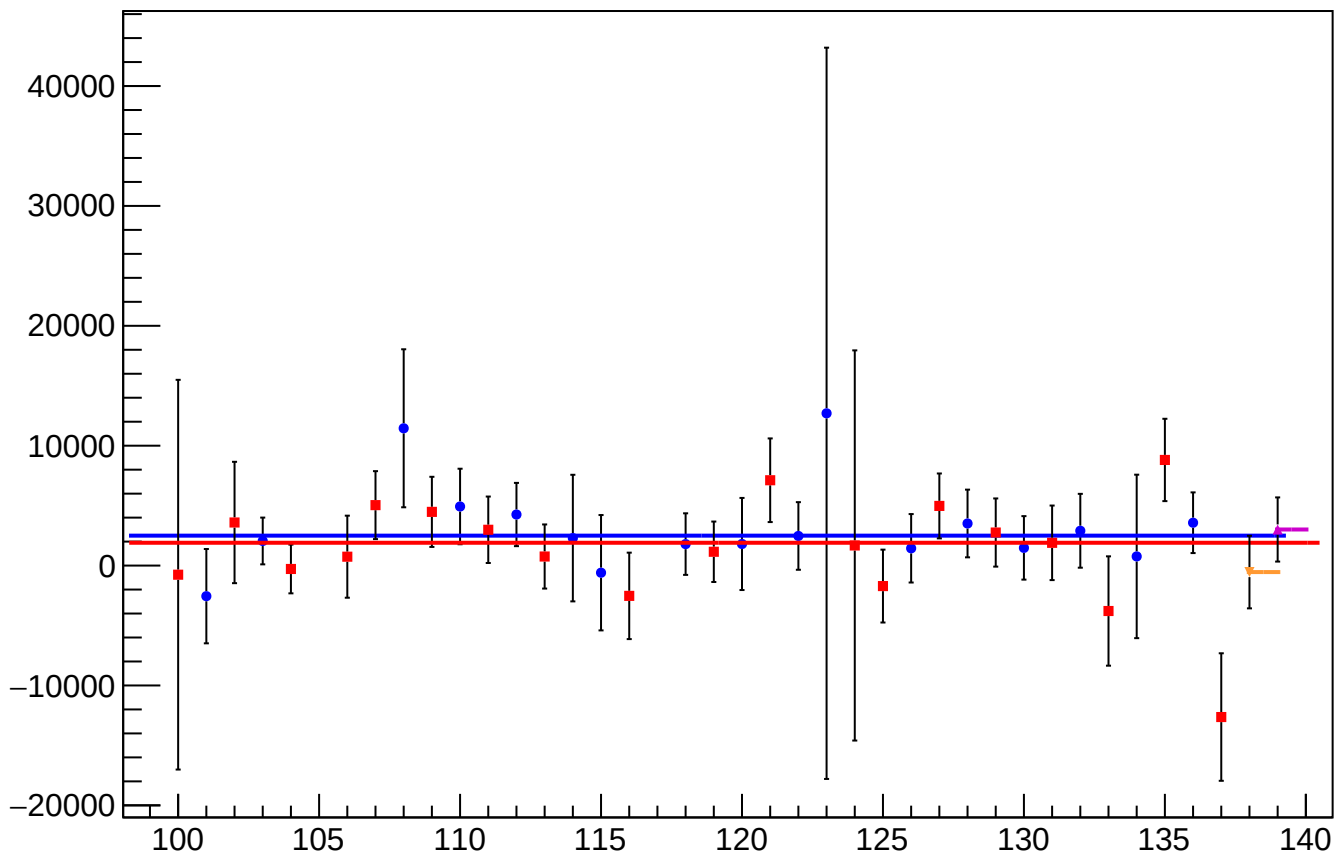
Right: 2201.146+/-0.433 χ^2/NDF : 1705309.7/35

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

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

All: 2166.872+/-0.404 χ^2/NDF : 1752845.7/37

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: 3009.885 $\pm$ 2676.179 χ^2 /NDF:0.0/0

Left: 1452.102 $\pm$ 2005.103 χ^2 /NDF: 0.8/1

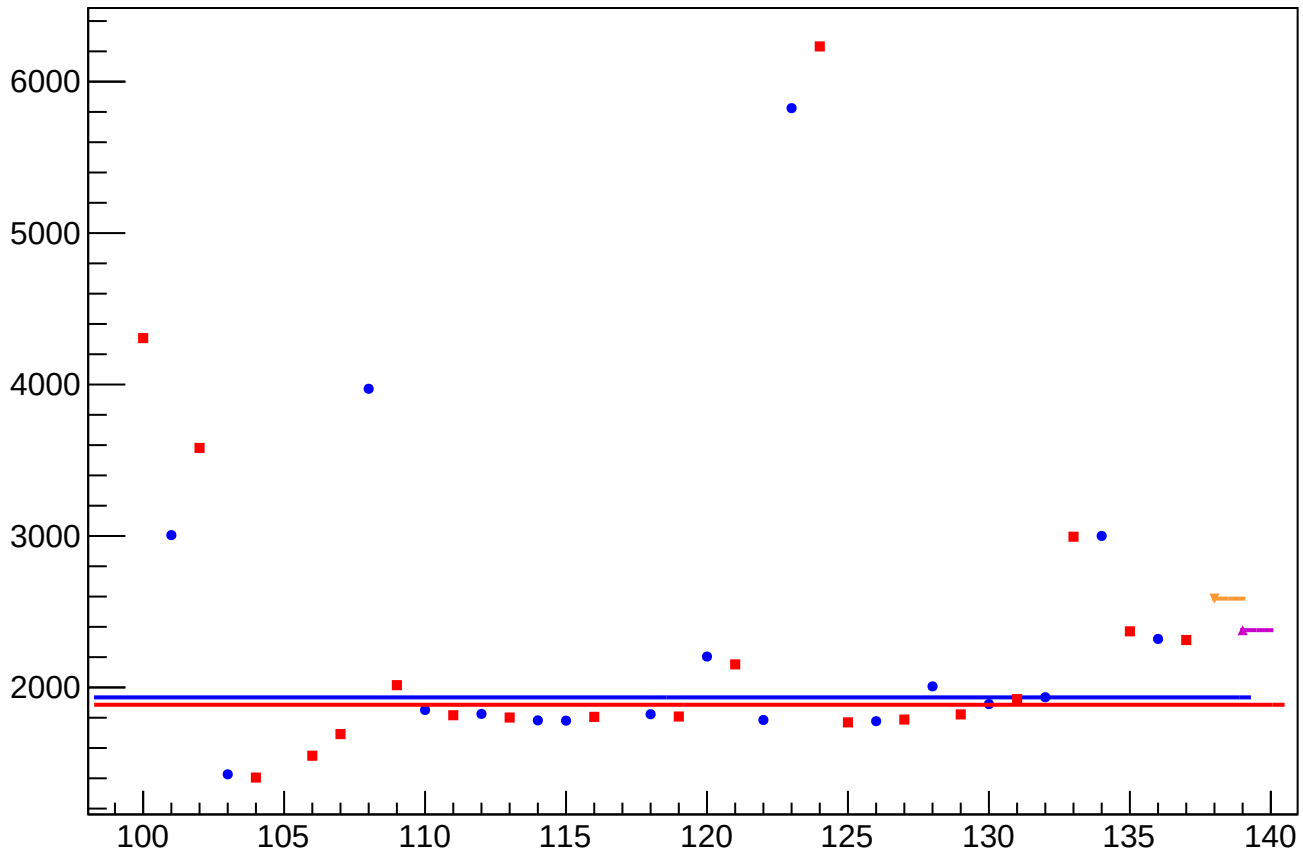
Right: 2187.370 $\pm$ 531.779 χ^2 /NDF: 29.7/35

In: 2535.692 $\pm$ 738.466 χ^2 /NDF:5.9/17

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

All: 2139.052 $\pm$ 514.009 χ^2 /NDF: 30.6/37

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: 2378.193+/-1.892 χ^2/NDF : 0.0/0

Left: 2469.553+/-1.418 χ^2/NDF : 5313.8/1

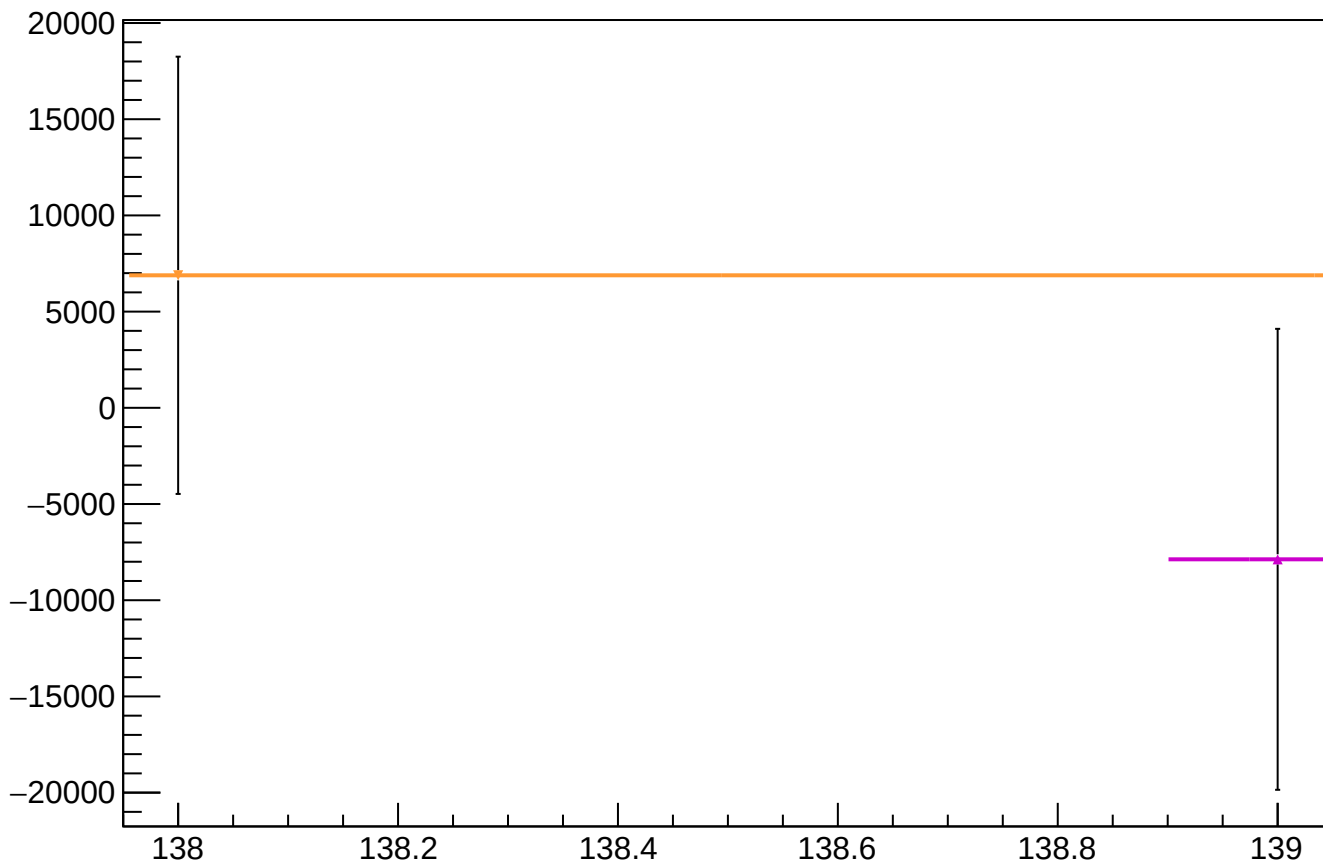
Right: 1908.949+/-0.376 χ^2/NDF : 1395226.1/35

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

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

All: 1945.783+/-0.363 χ^2/NDF : 1546607.7/37

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

Left: -104.222+/-8243.973 χ^2/NDF : 0.8/1

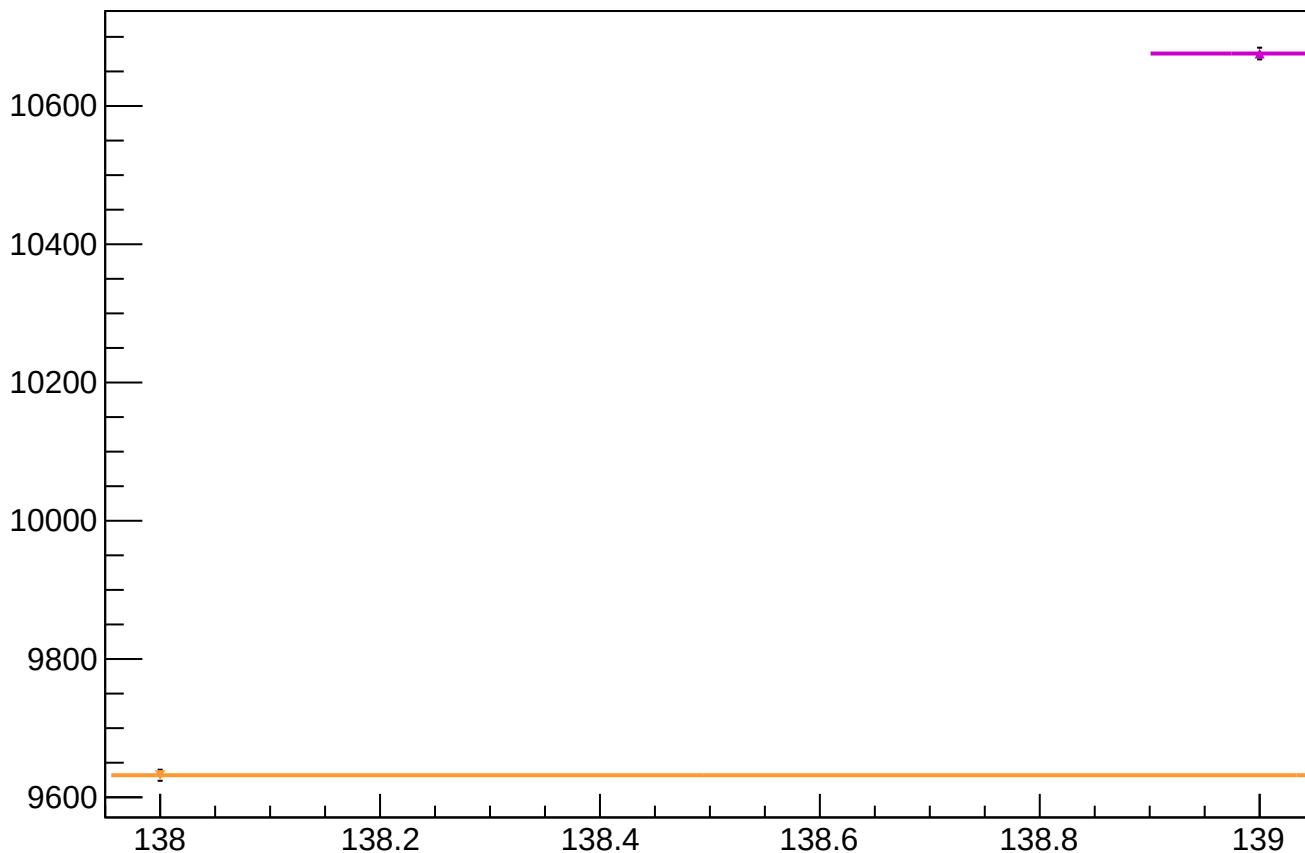
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -104.222+/-8243.973 χ^2/NDF : 0.8/1

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: 10675.909+/-8.470 χ^2/NDF : 0.0/0

Left: 10126.367+/-5.829 χ^2/NDF : 7996.8/1

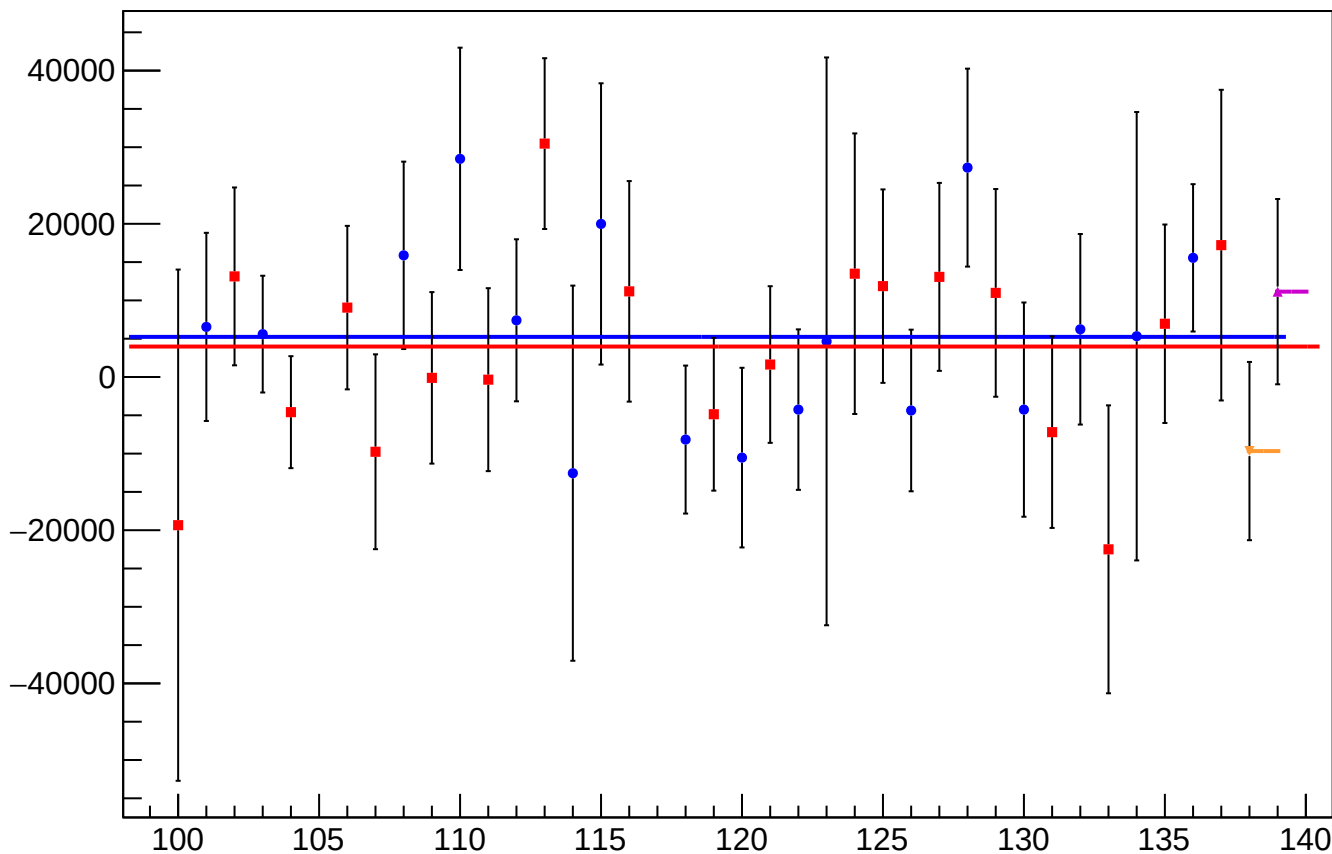
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10675.909+/-8.470 χ^2/NDF : 0.0/0

Out: 9631.878+/-8.035 χ^2/NDF : 0.0/0

All: 10126.367+/-5.829 χ^2/NDF : 7996.8/1

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -9668.730 $\pm$ 11635.346 χ^2 /NDF: 0.0/0

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

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

Left: 333.670 $\pm$ 8385.415 χ^2 /NDF: 1.5/1

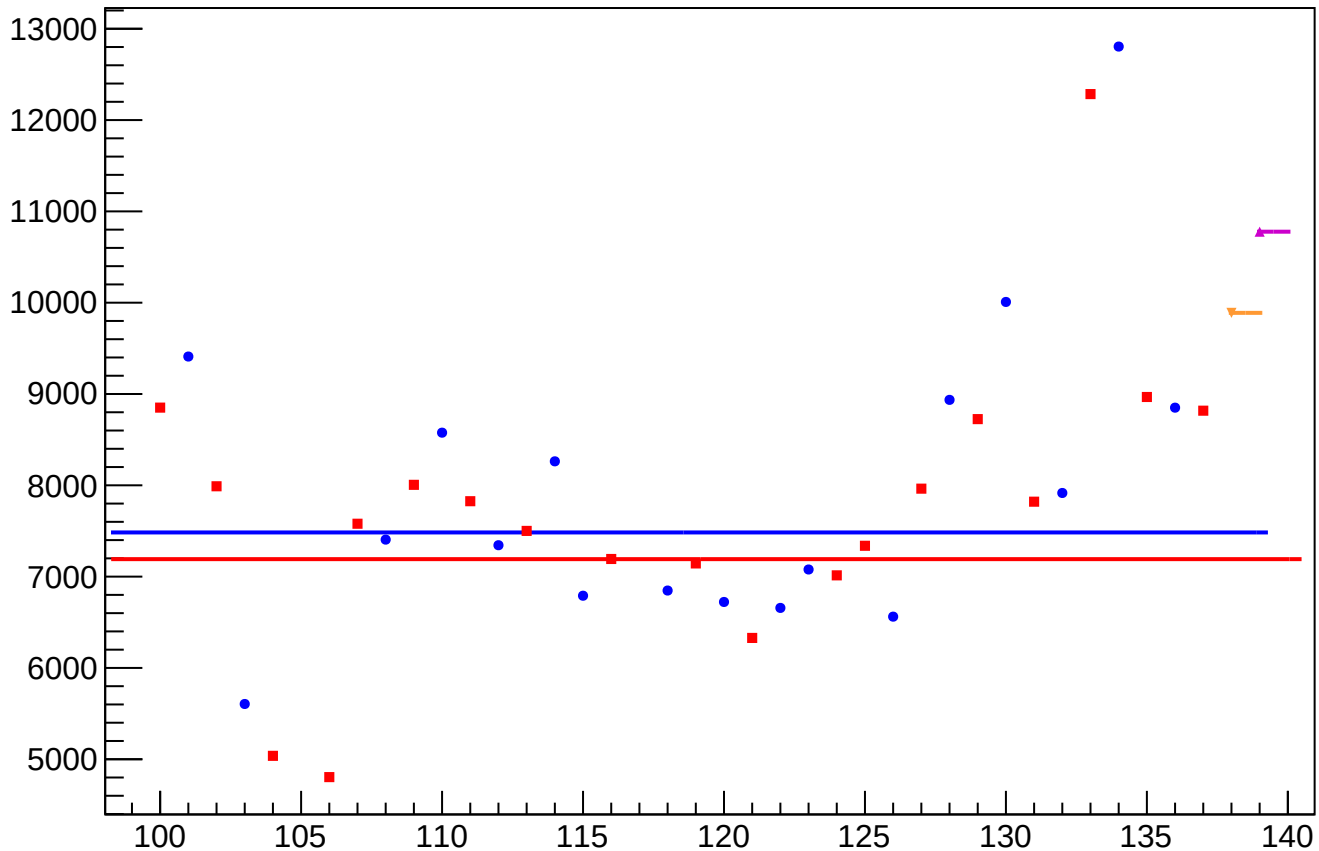
Right: 4573.057 $\pm$ 2025.948 χ^2 /NDF: 30.2/35

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

Out: 3233.963 $\pm$ 2713.479 χ^2 /NDF: 16.9/19

All: 4339.243 $\pm$ 1969.287 χ^2 /NDF: 32.0/37

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: 10777.508+/-8.553 χ^2/NDF : 0.0/0

Left: 10315.860+/-5.929 χ^2/NDF : 5609.3/1

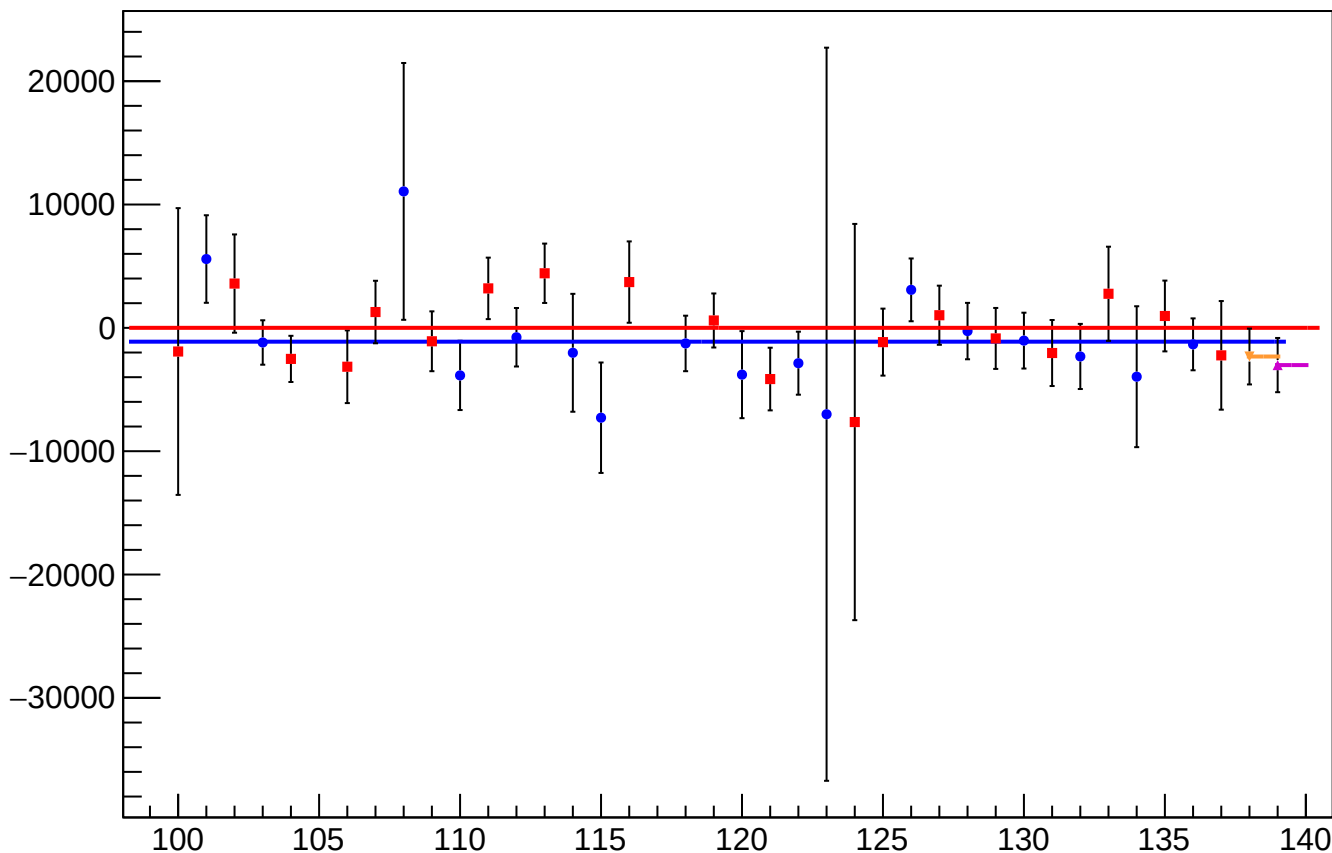
Right: 7329.673+/-1.432 χ^2/NDF : 1000940.7/35

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

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

All: 7494.345+/-1.392 χ^2/NDF : 1246201.5/37

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: -3018.019+/-2198.598 χ^2/NDF : 0.0/0

Left: -2680.965+/-1576.911 χ^2/NDF : 0.0/1

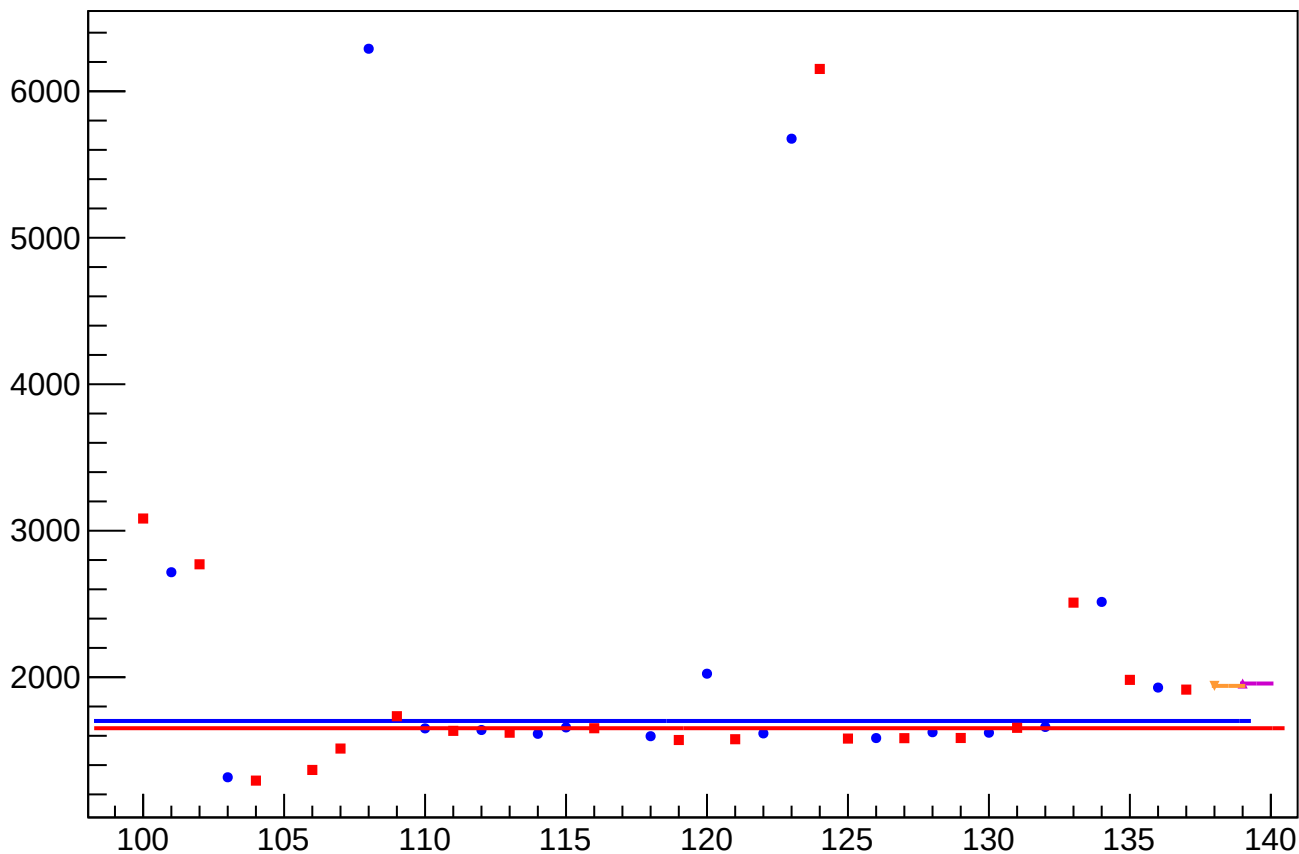
Right: -525.400+/-465.654 χ^2/NDF : 29.2/35

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

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

All: -698.287+/-446.589 χ^2/NDF : 30.9/37

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: 1956.928+/-1.555 χ^2/NDF : 0.0/0

Left: 1949.075+/-1.115 χ^2/NDF : 52.6/1

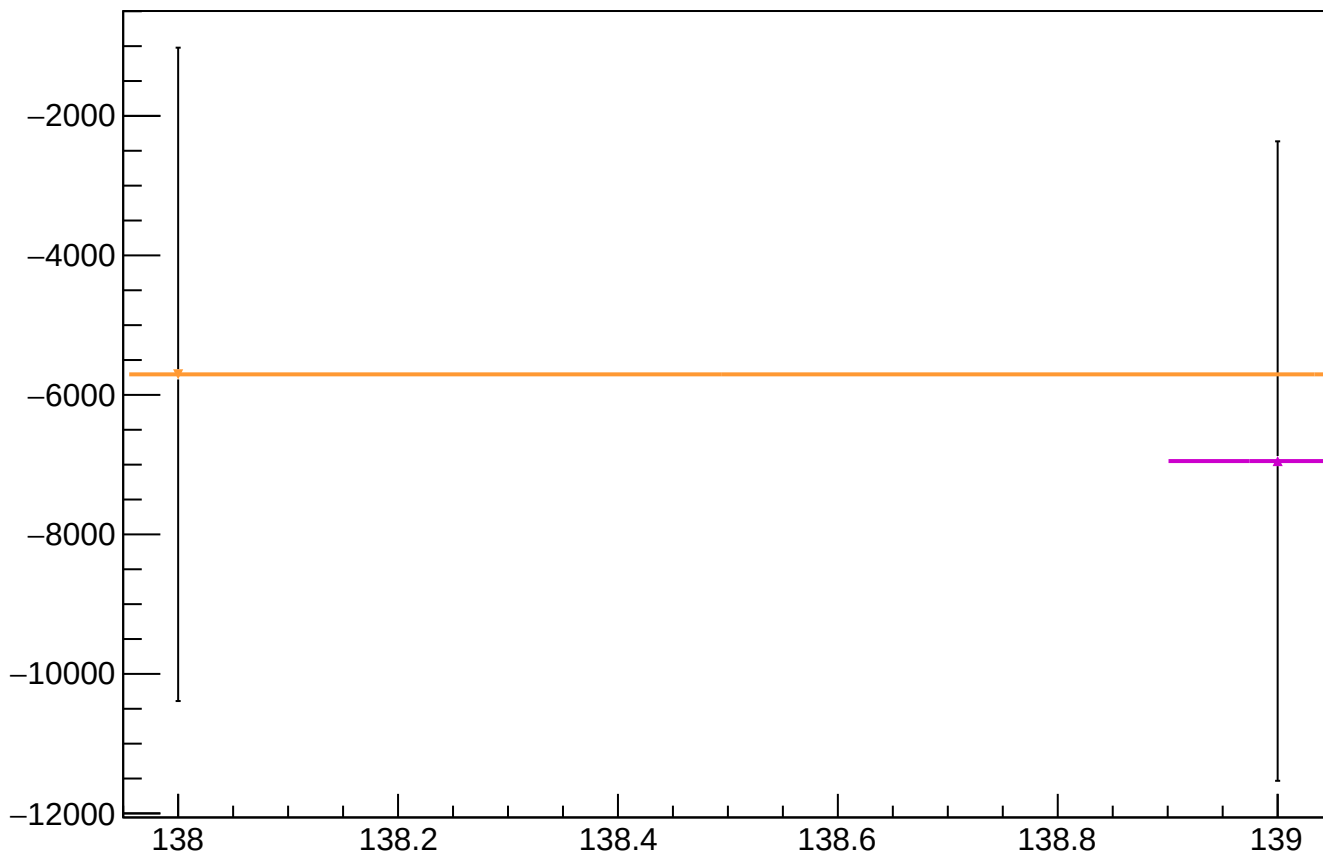
Right: 1675.026+/-0.329 χ^2/NDF : 1373201.9/35

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

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

All: 1697.006+/-0.316 χ^2/NDF : 1428814.3/37

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

Left: -6340.396+/-3276.000 χ^2/NDF : 0.0/1

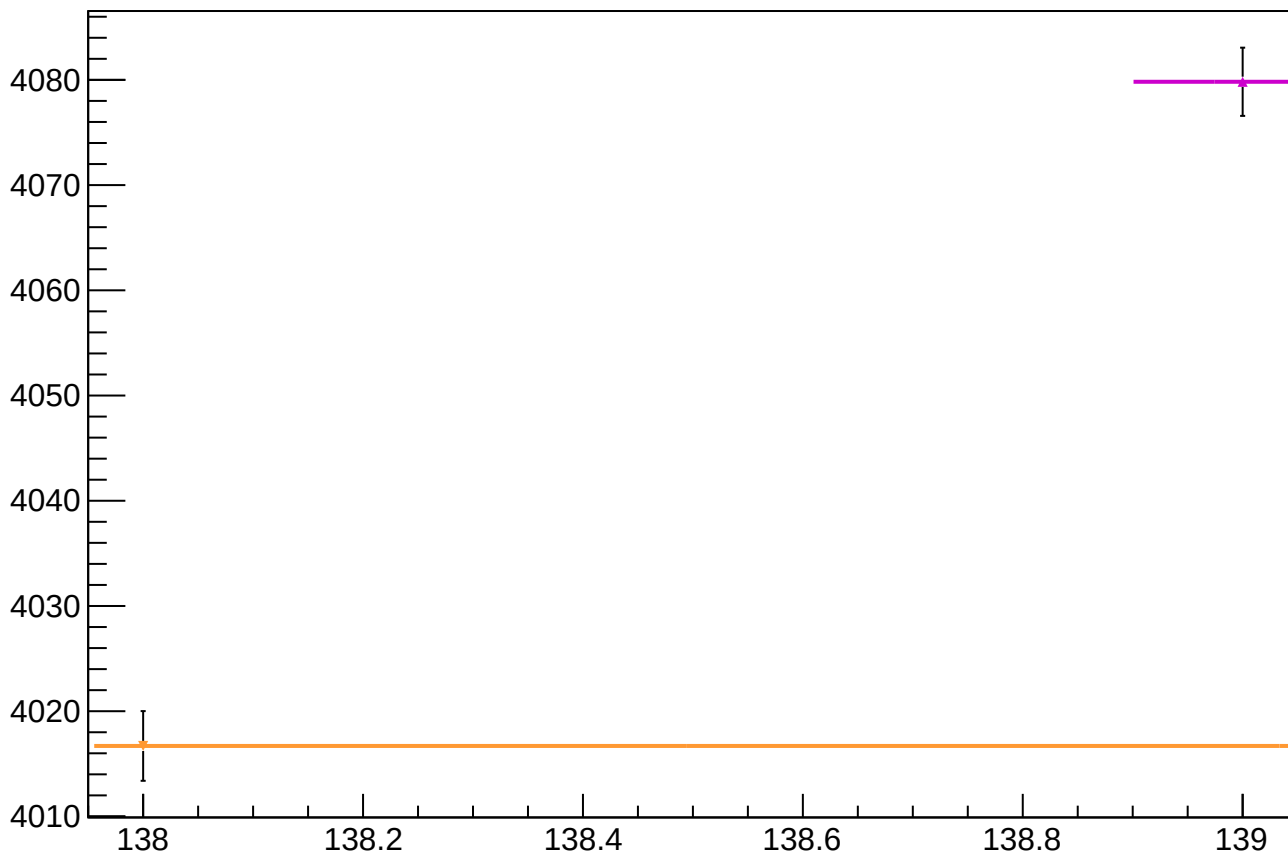
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -6340.396+/-3276.000 χ^2/NDF : 0.0/1

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: 4079.819+/-3.241 χ^2/NDF : 0.0/0

Left: 4048.937+/-2.316 χ^2/NDF : 185.5/1

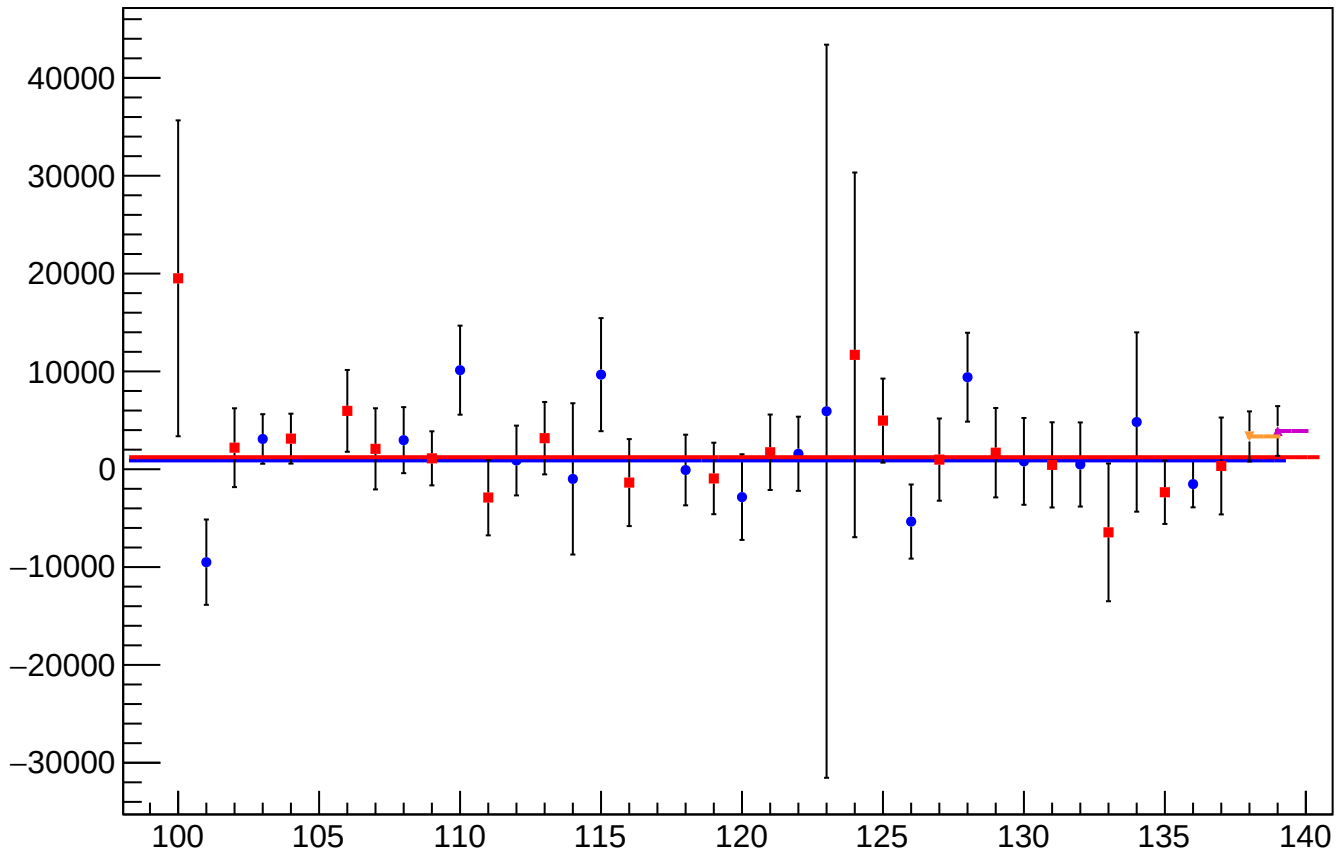
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4079.819+/-3.241 χ^2/NDF : 0.0/0

Out: 4016.698+/-3.312 χ^2/NDF : 0.0/0

All: 4048.937+/-2.316 χ^2/NDF : 185.5/1

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: 3908.565+/-2542.854 χ^2/NDF : 0.0/0

Left: 3633.063+/-1804.003 χ^2/NDF : 0.0/1

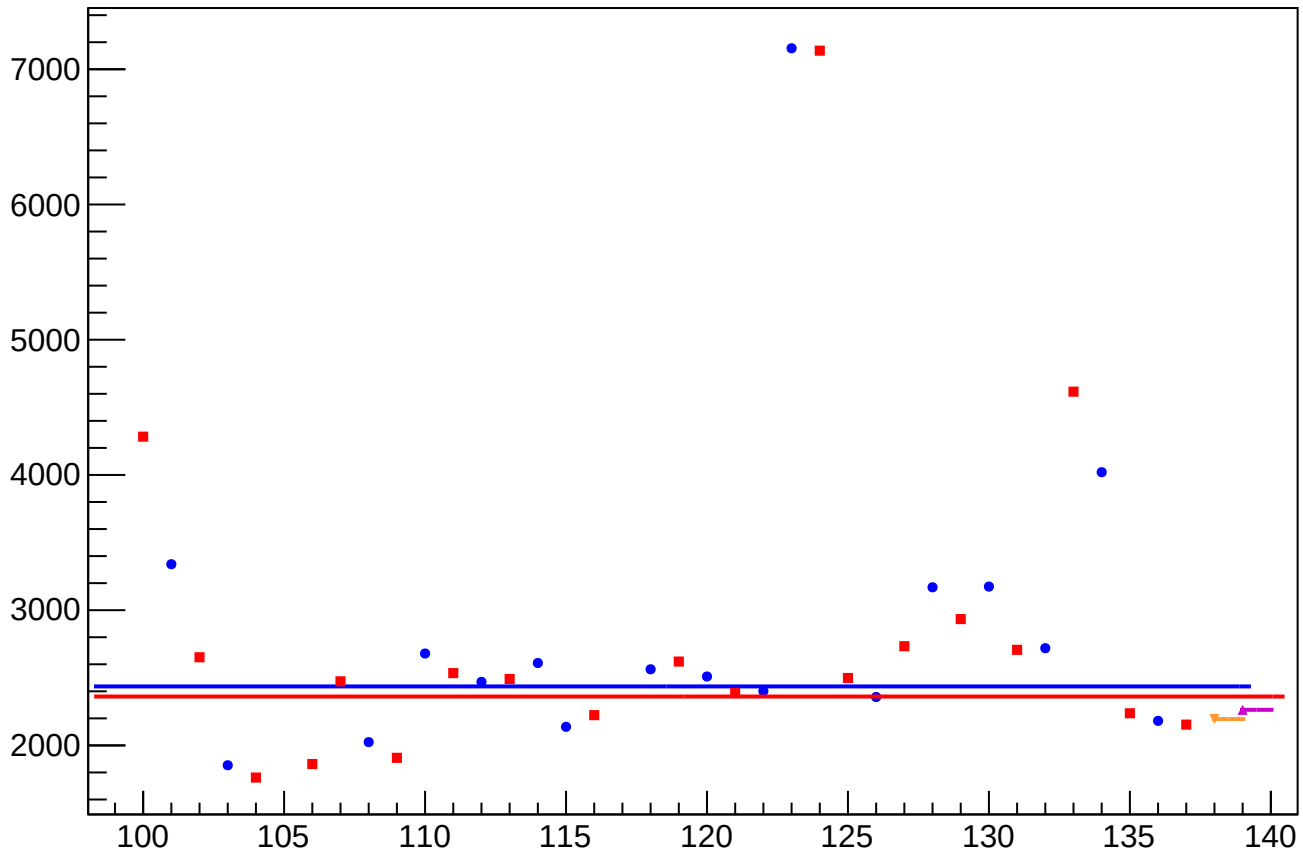
Right: 1073.549+/-666.754 χ^2/NDF : 30.6/35

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

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

All: 1381.163+/-625.405 χ^2/NDF : 32.4/37

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2194.806 $\pm$ 1.810 χ^2 /NDF:0.0/0

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

Left In: 2263.240 $\pm$ 1.798 χ^2 /NDF:0.0/0

Left: 2229.249 $\pm$ 1.276 χ^2 /NDF: 719.5/1

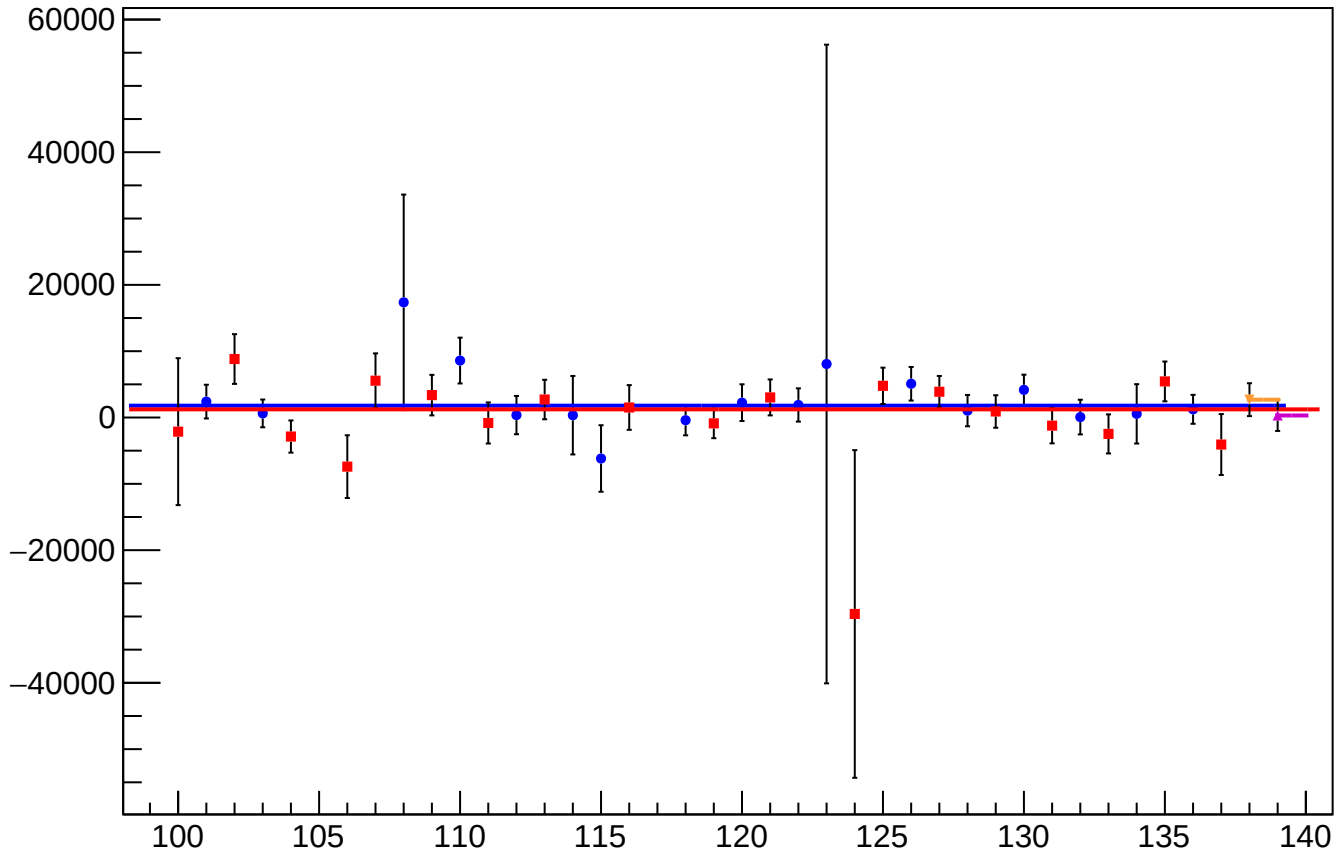
Right: 2397.448 $\pm$ 0.471 χ^2 /NDF: 1130664.2/35

In: 2414.597 $\pm$ 0.636 χ^2 /NDF:476652.2/17

Out: 2342.297 $\pm$ 0.615 χ^2 /NDF:663353.1/19

All: 2377.233 $\pm$ 0.442 χ^2 /NDF: 1146680.1/37

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: 305.962+/-2330.387 χ^2/NDF : 0.0/0

Left: 1425.521+/-1697.586 χ^2/NDF : 0.5/1

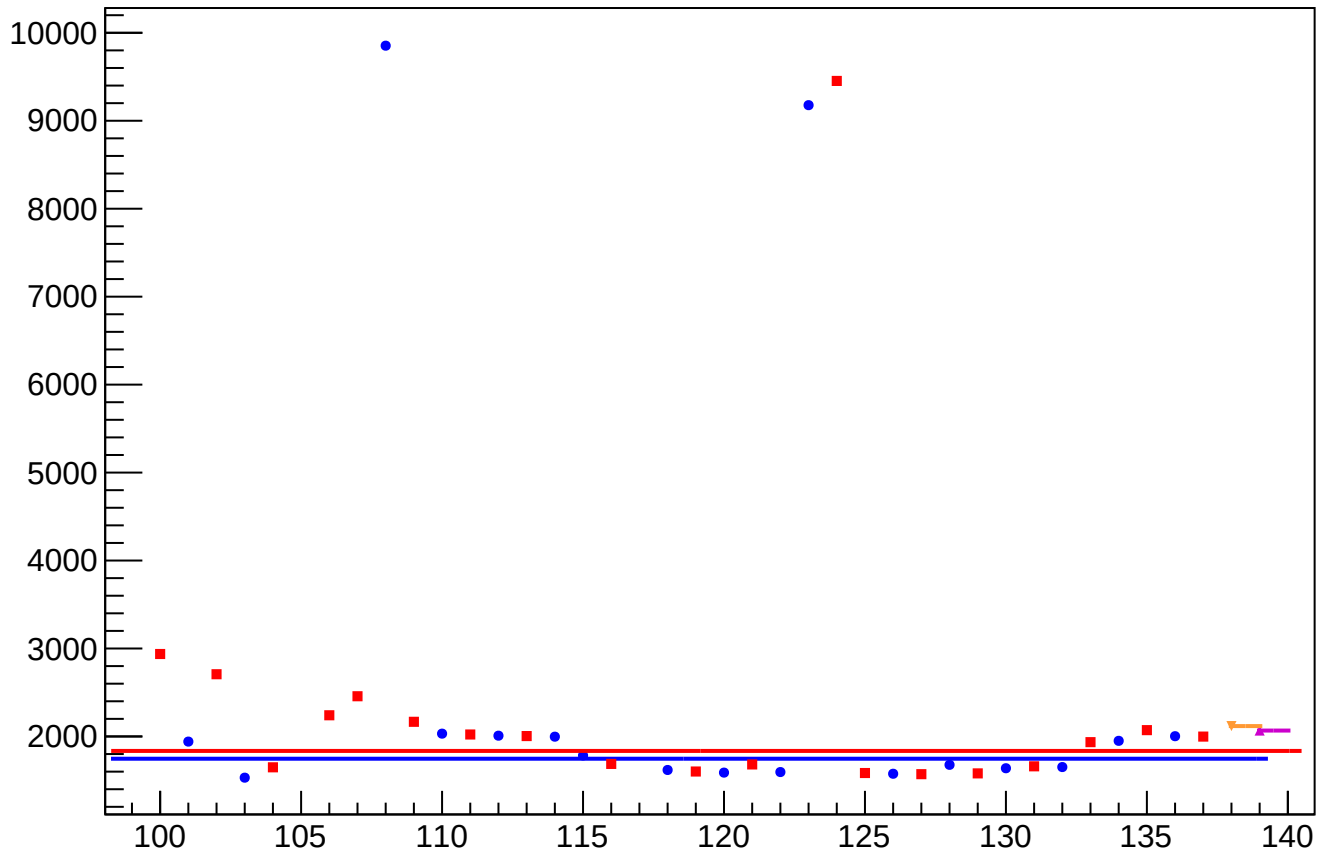
Right: 1511.828+/-495.804 χ^2/NDF : 37.0/35

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

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

All: 1505.045+/-475.921 χ^2/NDF : 37.5/37

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: 2066.985+/-1.648 χ^2 /NDF:0.0/0

Left: 2090.882+/-1.200 χ^2 /NDF: 448.1/1

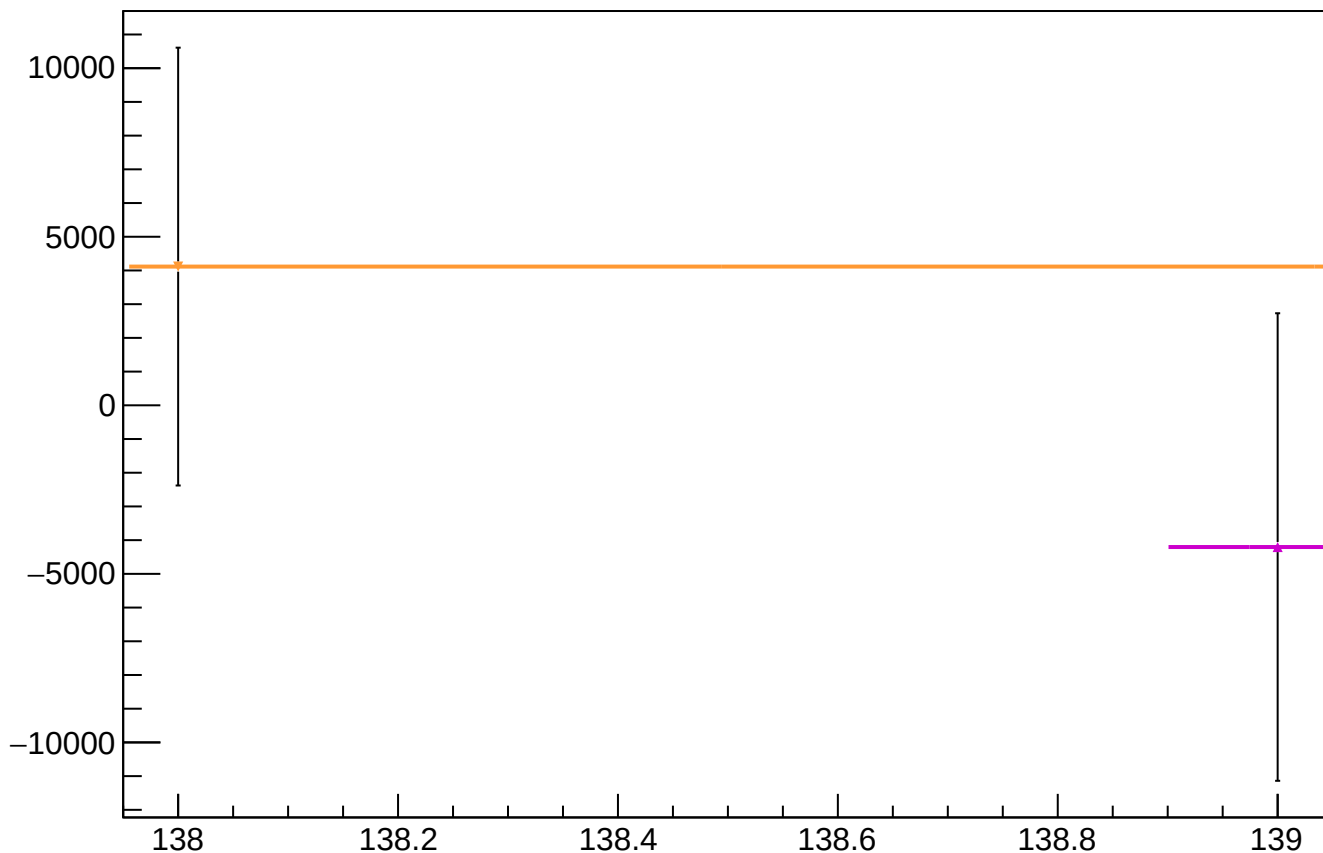
Right: 1790.310+/-0.350 χ^2 /NDF: 1248859.1/35

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

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

All: 1813.908+/-0.336 χ^2 /NDF: 1307084.0/37

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

Left: 228.268+/-4740.054 χ^2/NDF : 0.8/1

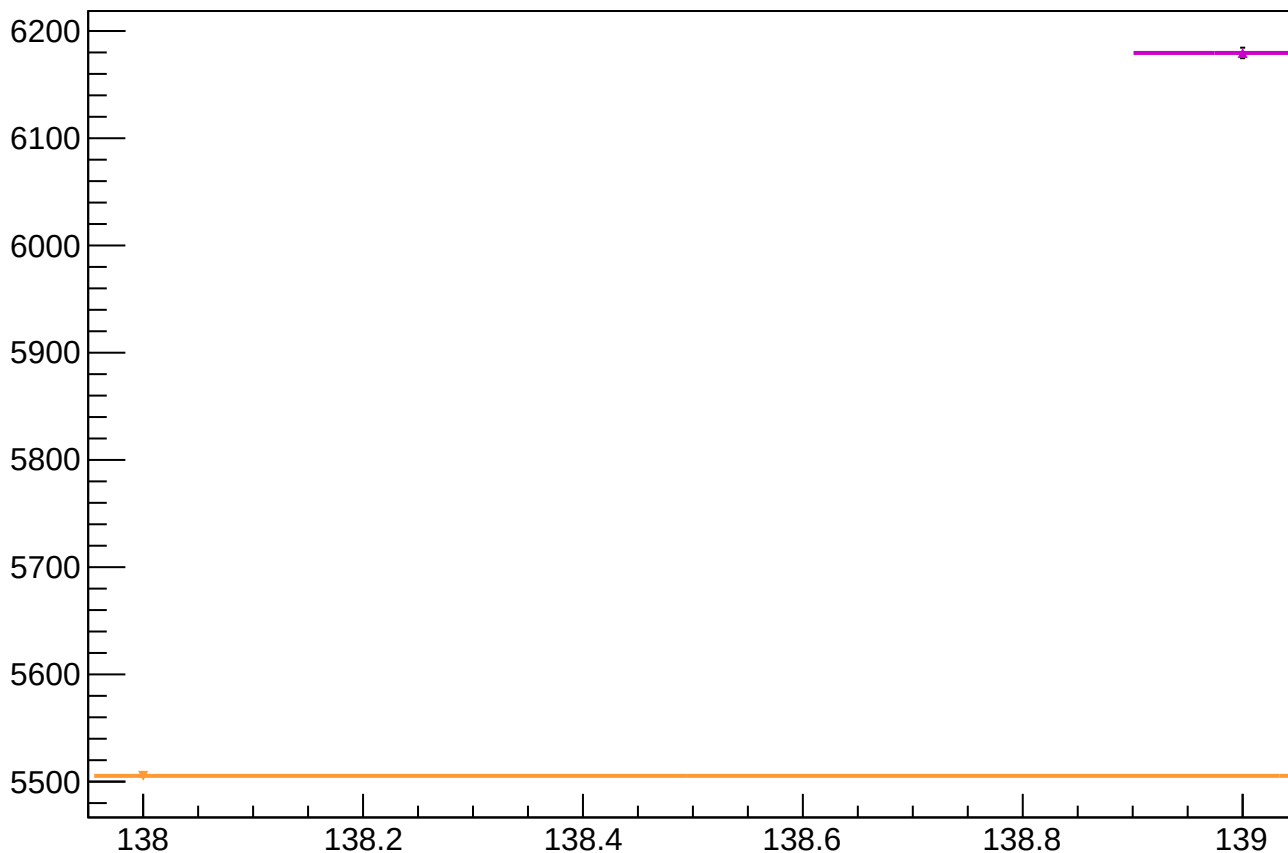
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: 228.268+/-4740.054 χ^2/NDF : 0.8/1

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: 6179.557+/-4.904 χ^2/NDF : 0.0/0

Left: 5820.361+/-3.352 χ^2/NDF : 10071.4/1

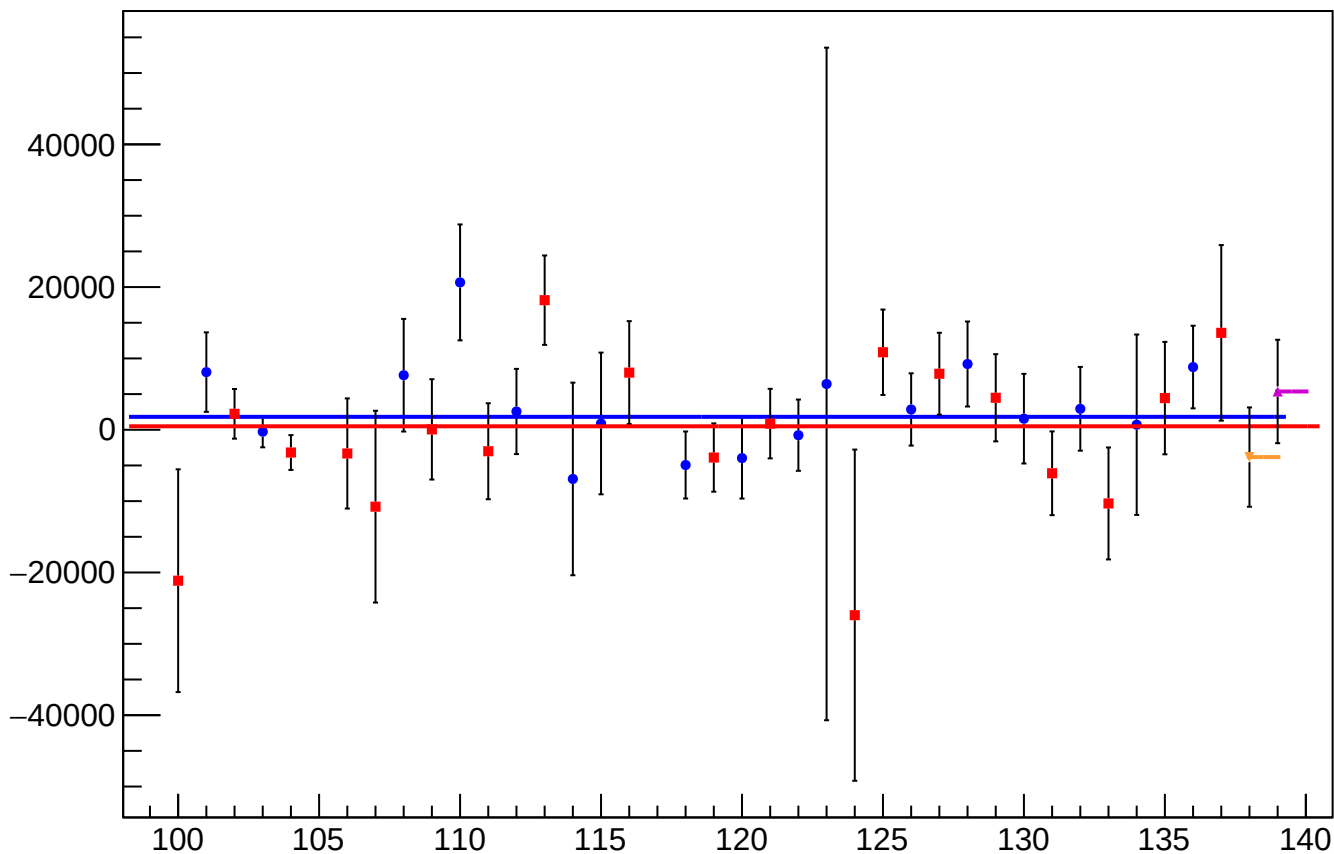
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6179.557+/-4.904 χ^2/NDF : 0.0/0

Out: 5505.372+/-4.592 χ^2/NDF : 0.0/0

All: 5820.361+/-3.352 χ^2/NDF : 10071.4/1

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: 5367.045+/-7248.795 χ^2/NDF : 0.0/0

Left: 583.699+/-5020.583 χ^2/NDF : 0.8/1

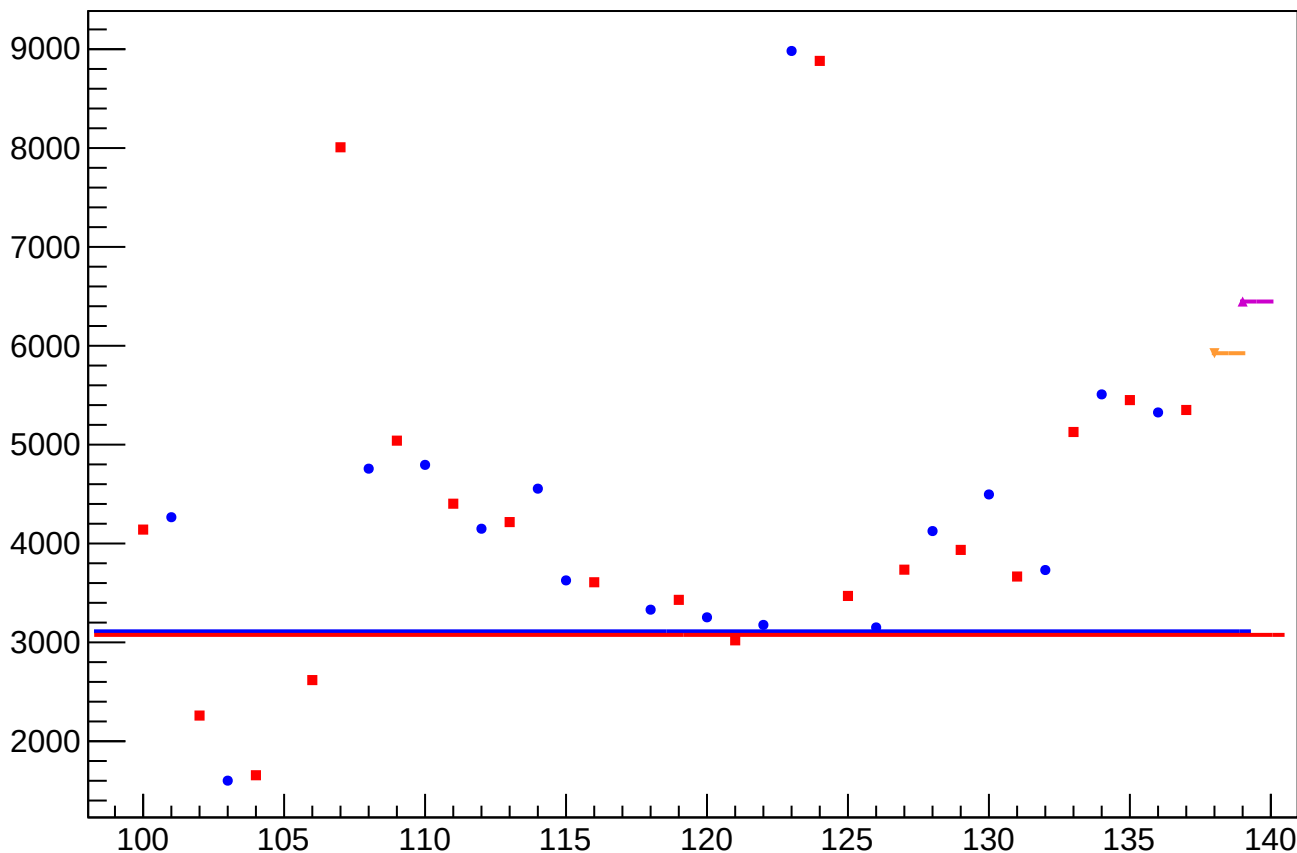
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

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

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

All: 1125.519+/-899.917 χ^2/NDF : 42.9/37

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: 6447.626+/-5.126 χ^2/NDF : 0.0/0

Left: 6175.582+/-3.550 χ^2/NDF : 5414.1/1

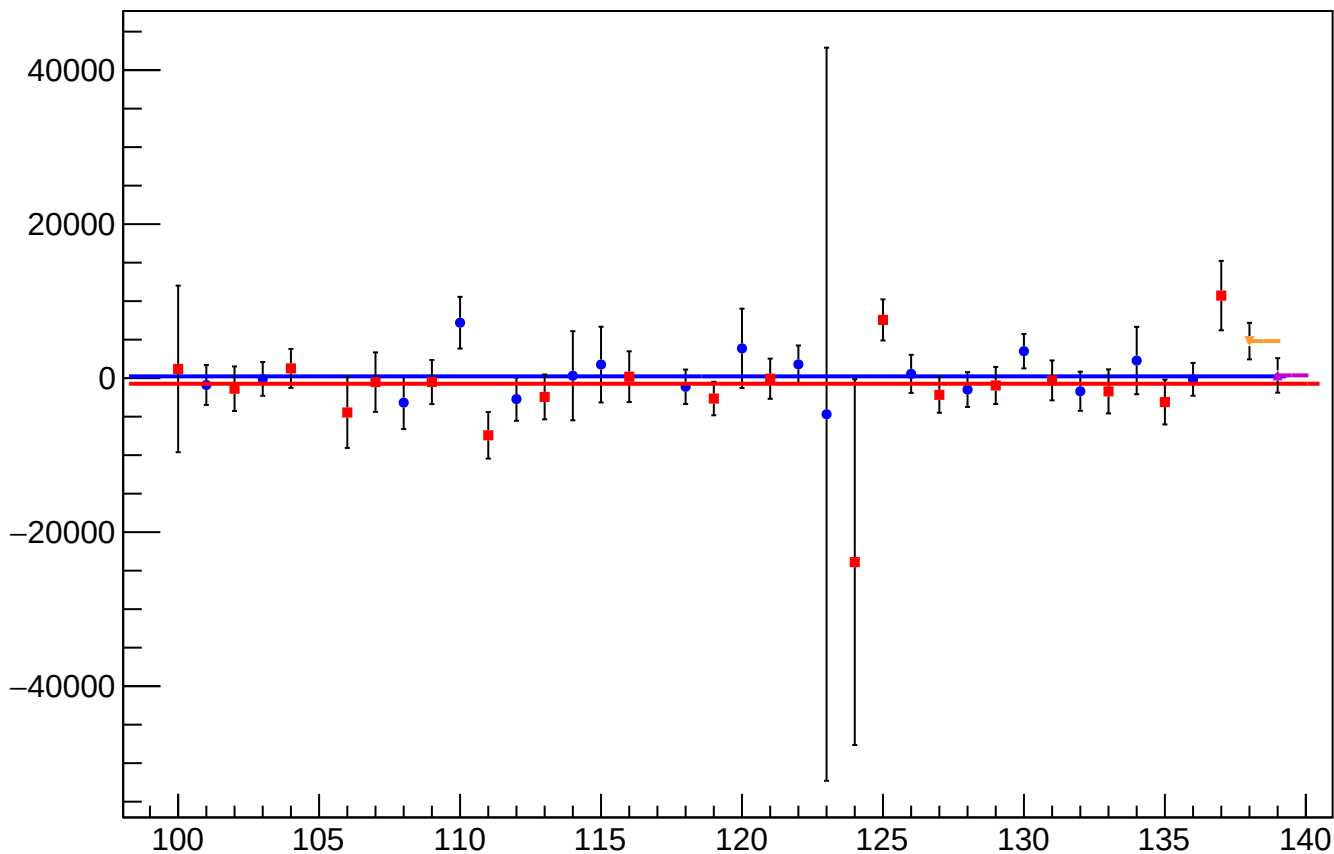
Right: 3093.209+/-0.642 χ^2/NDF : 3889323.9/35

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

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

All: 3190.827+/-0.632 χ^2/NDF : 4624725.9/37

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: 358.410+/-2241.327 χ^2/NDF : 0.0/0

Left: 2460.380+/-1628.703 χ^2/NDF : 1.9/1

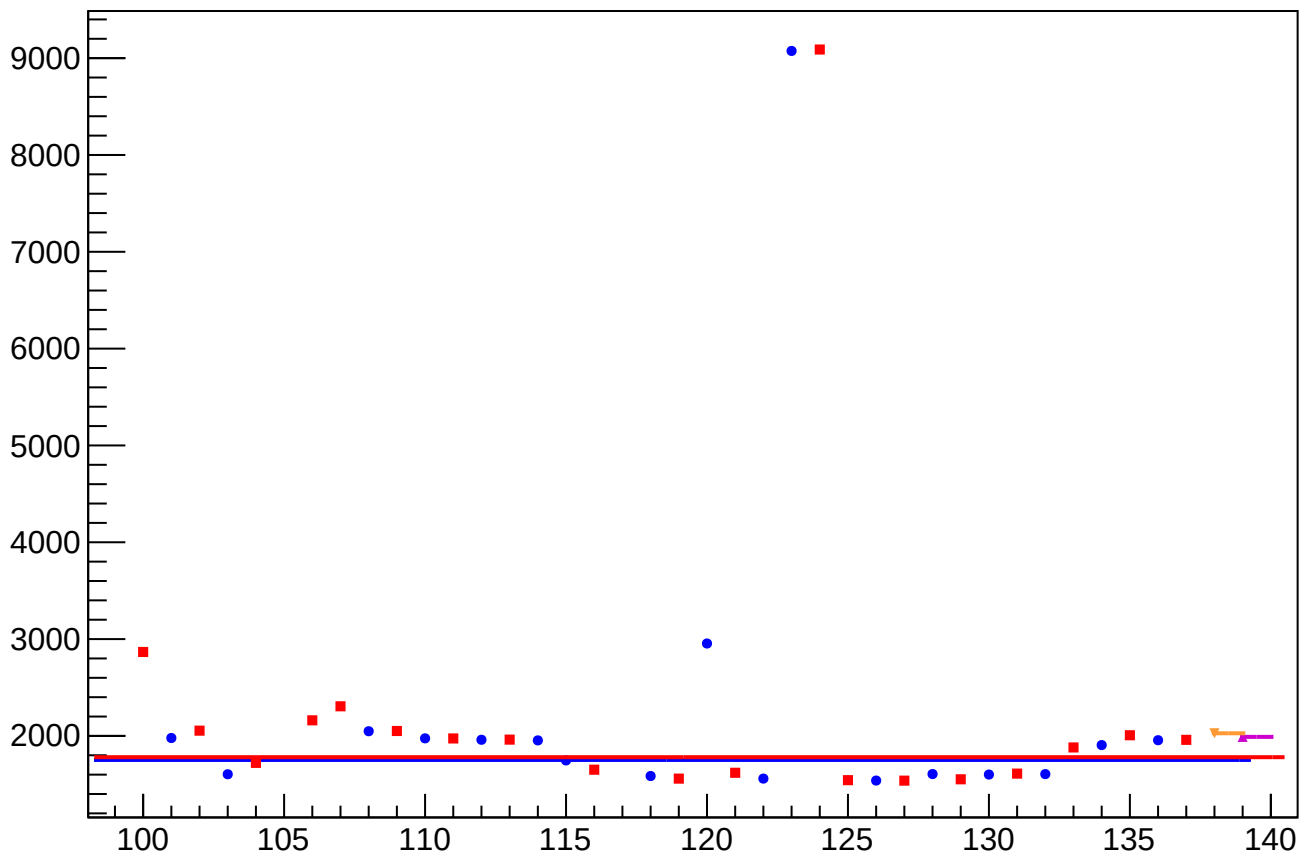
Right: -248.748+/-484.705 χ^2/NDF : 38.3/35

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

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

All: -28.331+/-464.569 χ^2/NDF : 42.7/37

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: 1990.190+/-1.585 χ^2/NDF : 0.0/0

Left: 2007.607+/-1.152 χ^2/NDF : 255.9/1

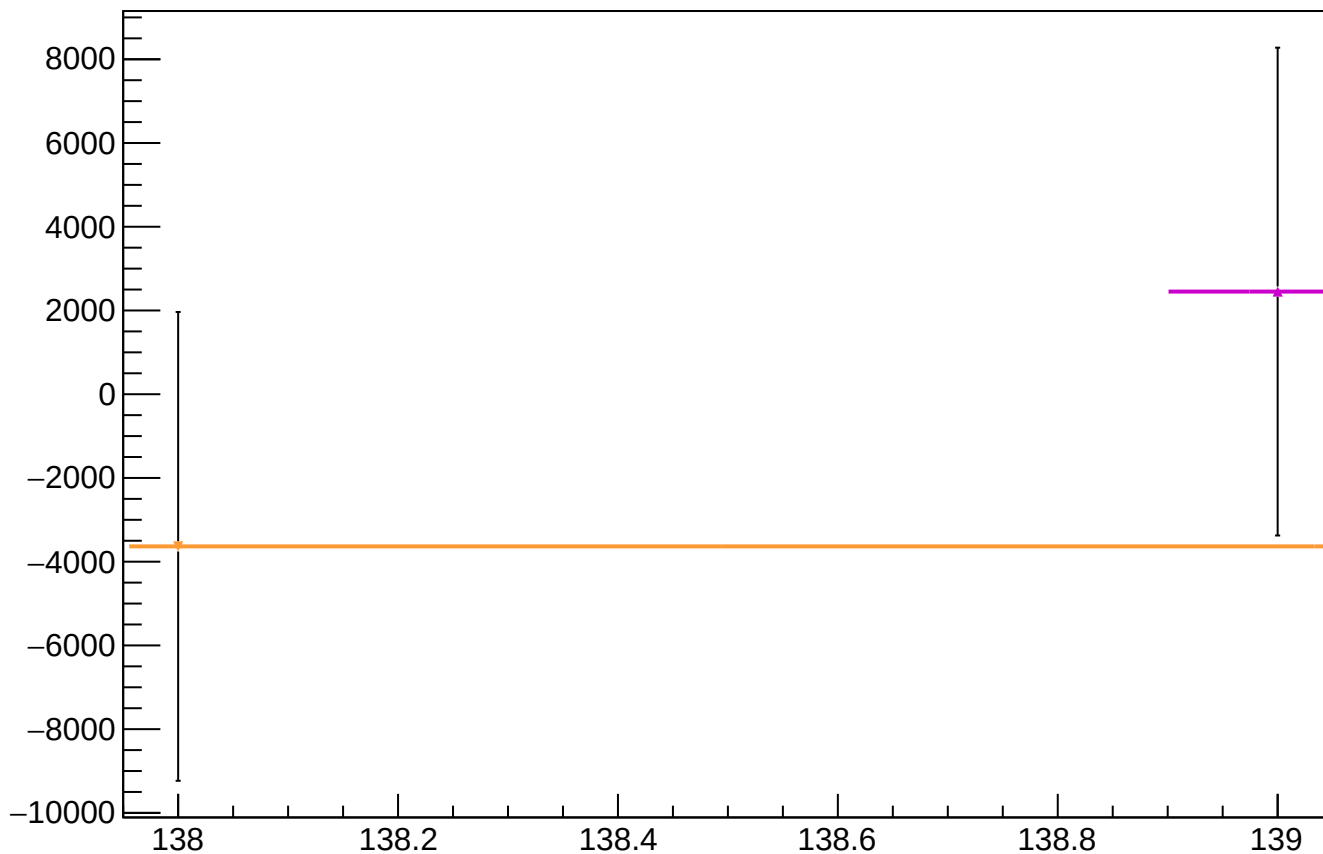
Right: 1766.106+/-0.342 χ^2/NDF : 730940.0/35

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

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

All: 1785.726+/-0.328 χ^2/NDF : 771596.3/37

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: 2451.379+/-5825.811 χ^2/NDF : 0.0/0

Left: -712.438+/-4036.860 χ^2/NDF : 0.6/1

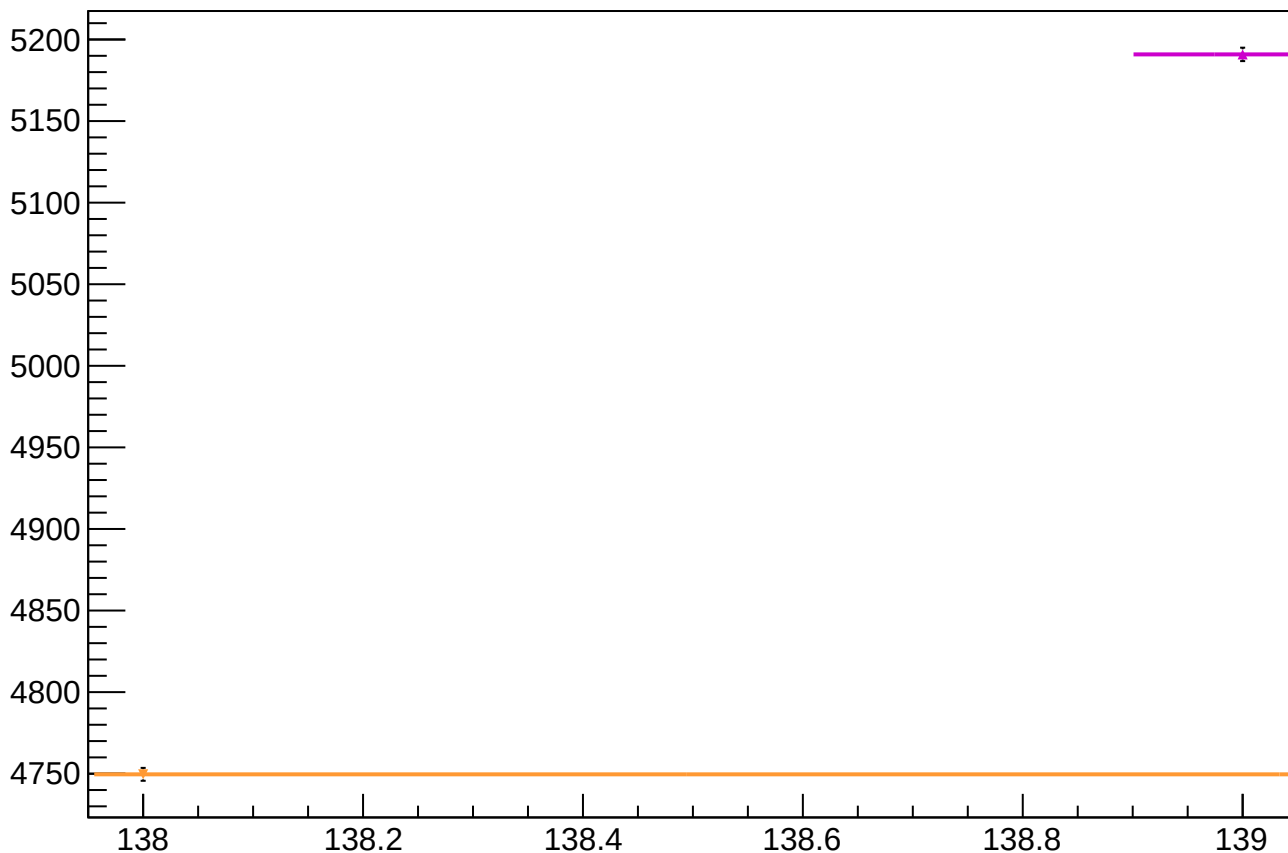
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -712.438+/-4036.860 χ^2/NDF : 0.6/1

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4749.613 $\pm$ 3.959 χ^2 /NDF:0.0/0

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

Left In: 5190.868 $\pm$ 4.119 χ^2 /NDF:0.0/0

Left: 4961.480 $\pm$ 2.854 χ^2 /NDF: 5964.5/1

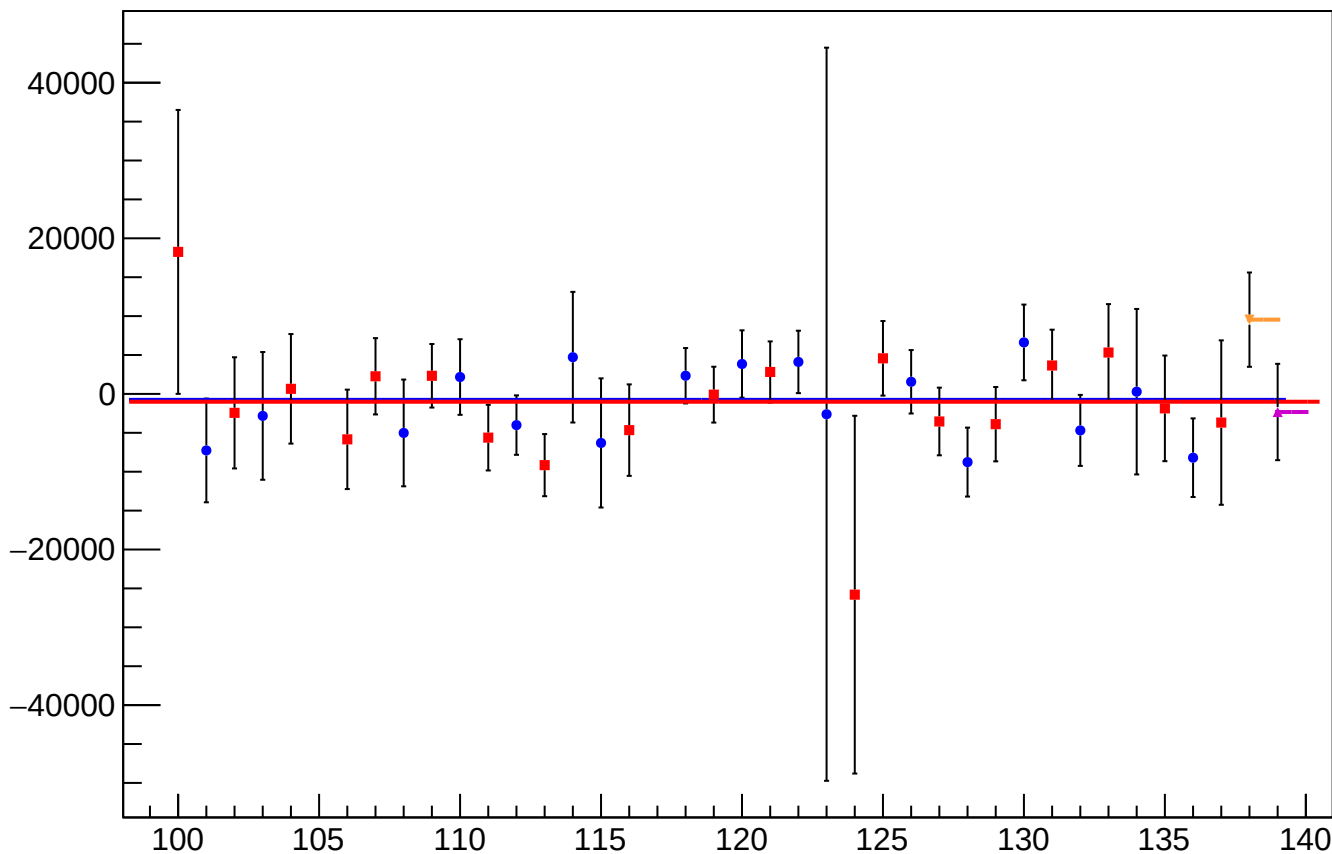
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 5190.868 $\pm$ 4.119 χ^2 /NDF:0.0/0

Out: 4749.613 $\pm$ 3.959 χ^2 /NDF:0.0/0

All: 4961.480 $\pm$ 2.854 χ^2 /NDF: 5964.5/1

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -765.107 ± 1247.704 $\chi^2/\text{NDF}: 15.5/16$

Left Out: 9544.505 ± 6059.824 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1004.792 ± 1191.116 $\chi^2/\text{NDF}: 15.0/18$

Left In: -2326.207 ± 6191.728 $\chi^2/\text{NDF}: 0.0/0$

Left: 3736.938 ± 4330.825 $\chi^2/\text{NDF}: 1.9/1$

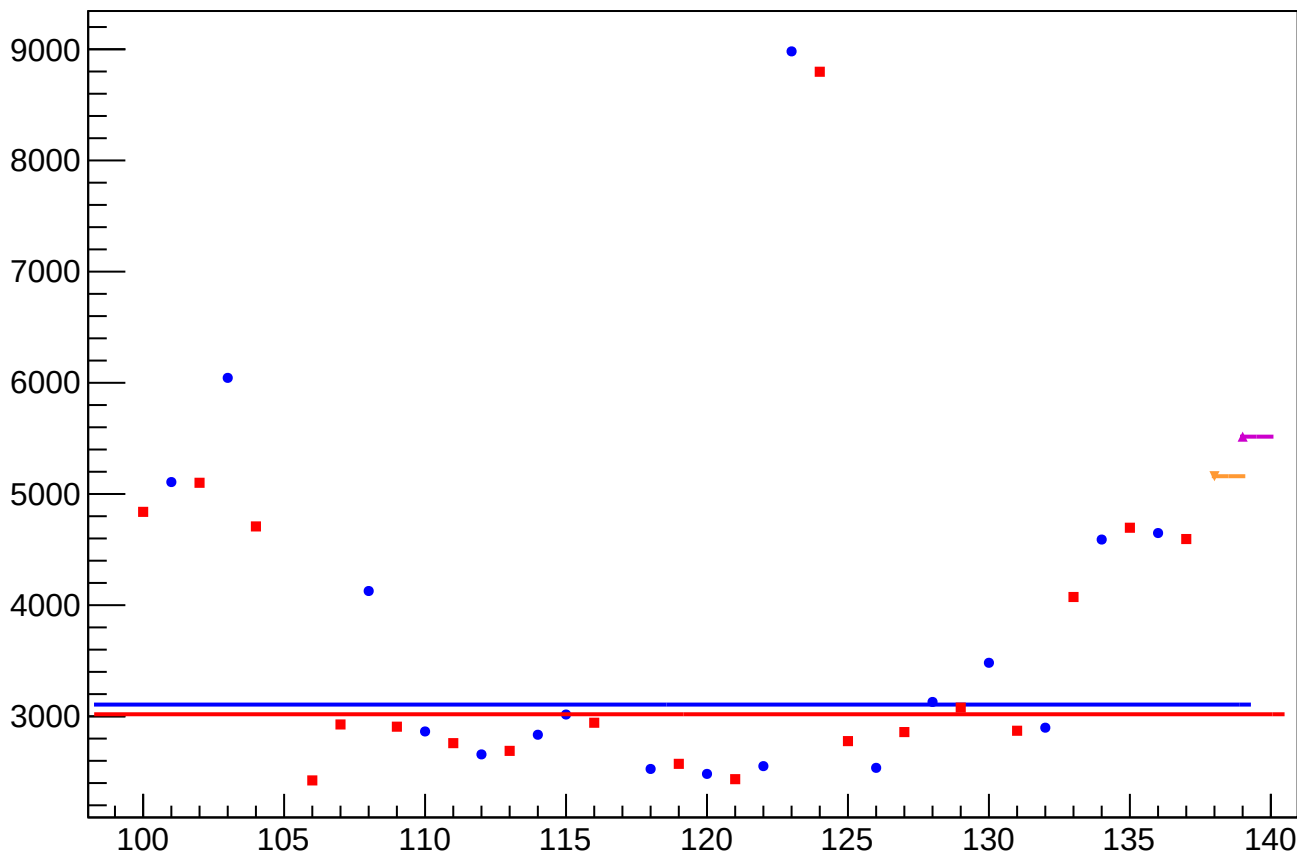
Right: -890.508 ± 861.557 $\chi^2/\text{NDF}: 30.6/35$

In: -826.025 ± 1223.117 $\chi^2/\text{NDF}: 15.6/17$

Out: -612.374 ± 1168.752 $\chi^2/\text{NDF}: 17.9/19$

All: -714.346 ± 844.999 $\chi^2/\text{NDF}: 33.5/37$

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: 5515.716+/-4.378 χ^2/NDF : 0.0/0

Left: 5333.962+/-3.062 χ^2/NDF : 3374.1/1

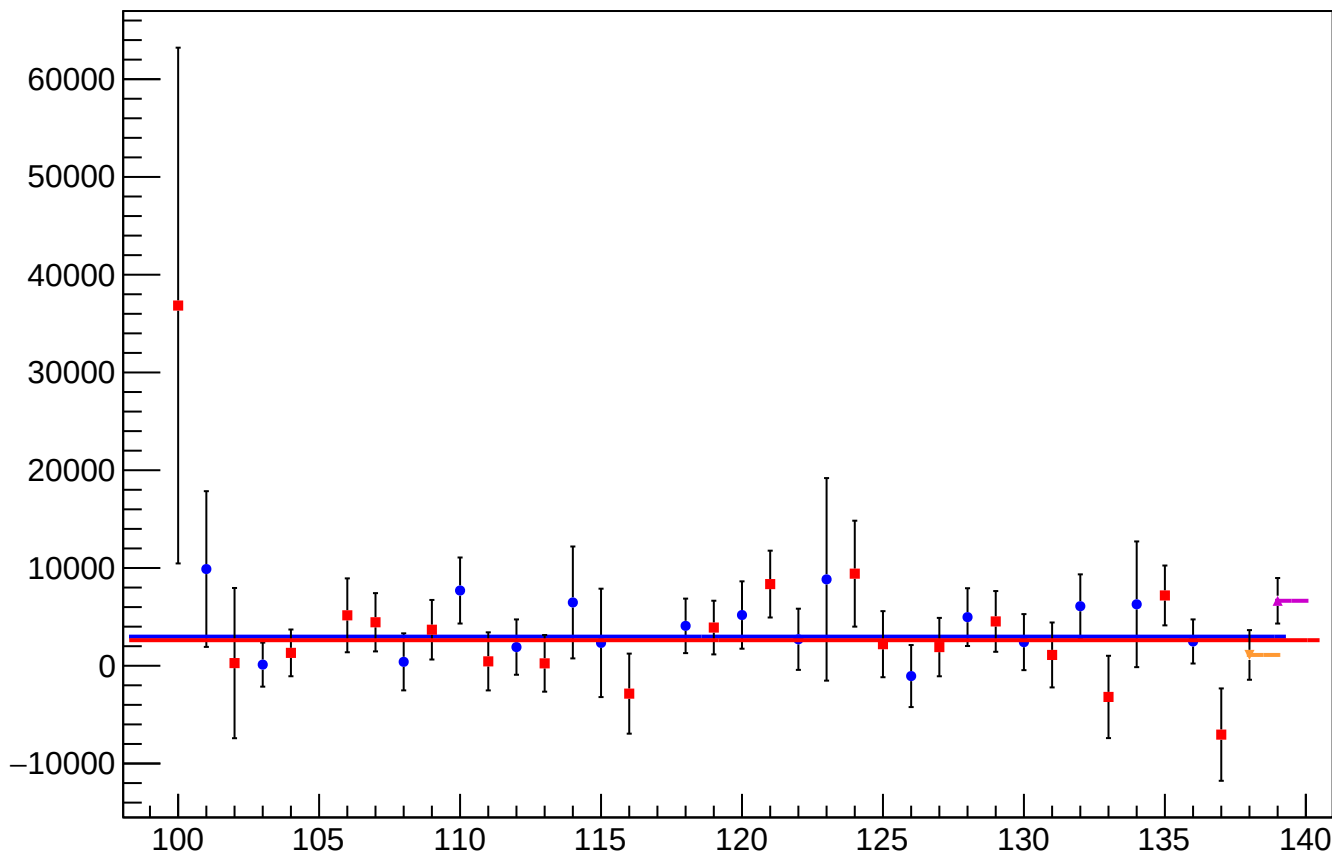
Right: 3059.752+/-0.605 χ^2/NDF : 1759257.8/35

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

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

All: 3145.236+/-0.594 χ^2/NDF : 2293407.0/37

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1106.451 $\pm$ 2539.017 χ^2 /NDF:0.0/0

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

Left In: 6645.876 $\pm$ 2328.283 χ^2 /NDF:0.0/0

Left: 4115.549 $\pm$ 1716.017 χ^2 /NDF: 2.6/1

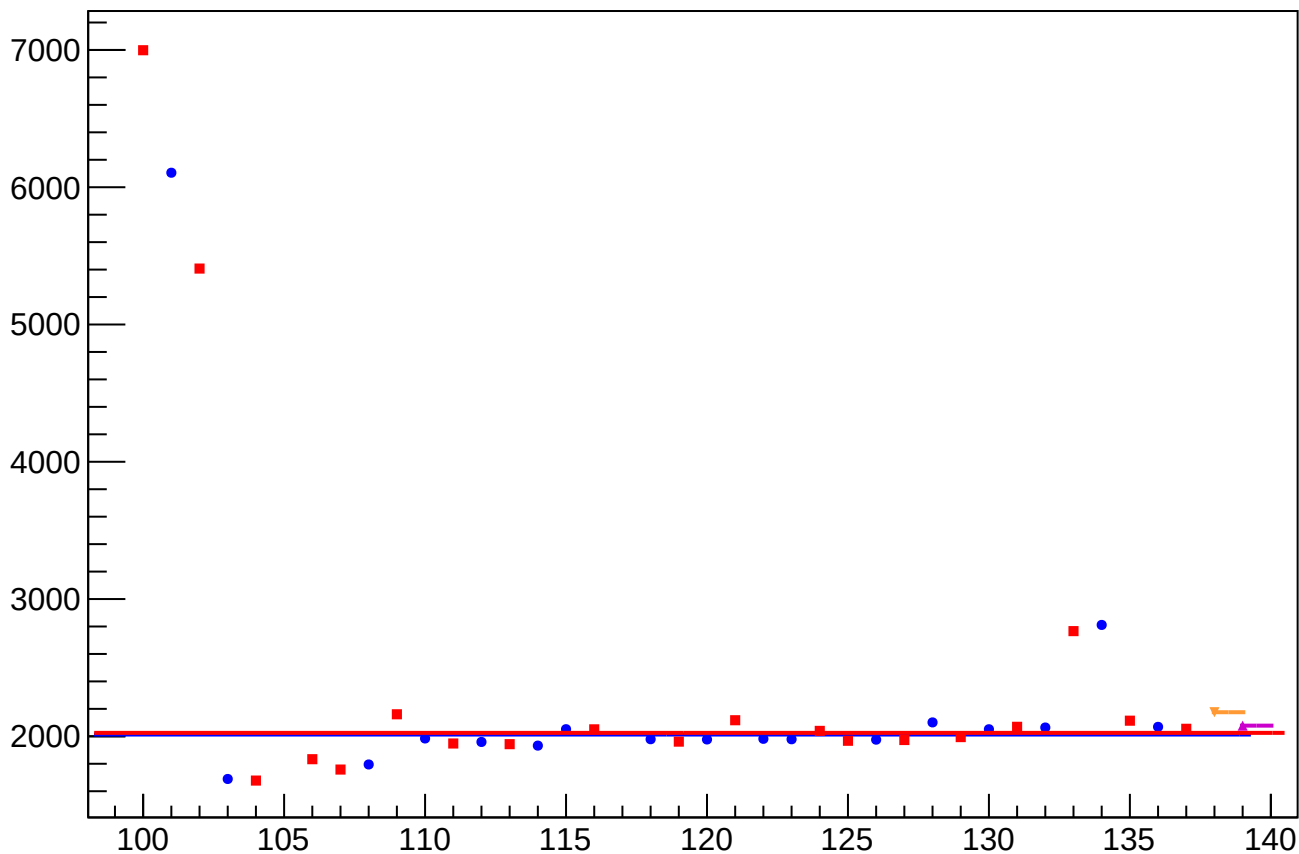
Right: 2793.353 $\pm$ 558.079 χ^2 /NDF: 29.6/35

In: 3361.728 $\pm$ 752.688 χ^2 /NDF:12.1/17

Out: 2482.901 $\pm$ 748.427 χ^2 /NDF:19.9/19

All: 2919.821 $\pm$ 530.718 χ^2 /NDF: 32.7/37

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: 2077.715+/-1.646 χ^2/NDF :0.0/0

Left: 2122.384+/-1.213 χ^2/NDF : 1611.6/1

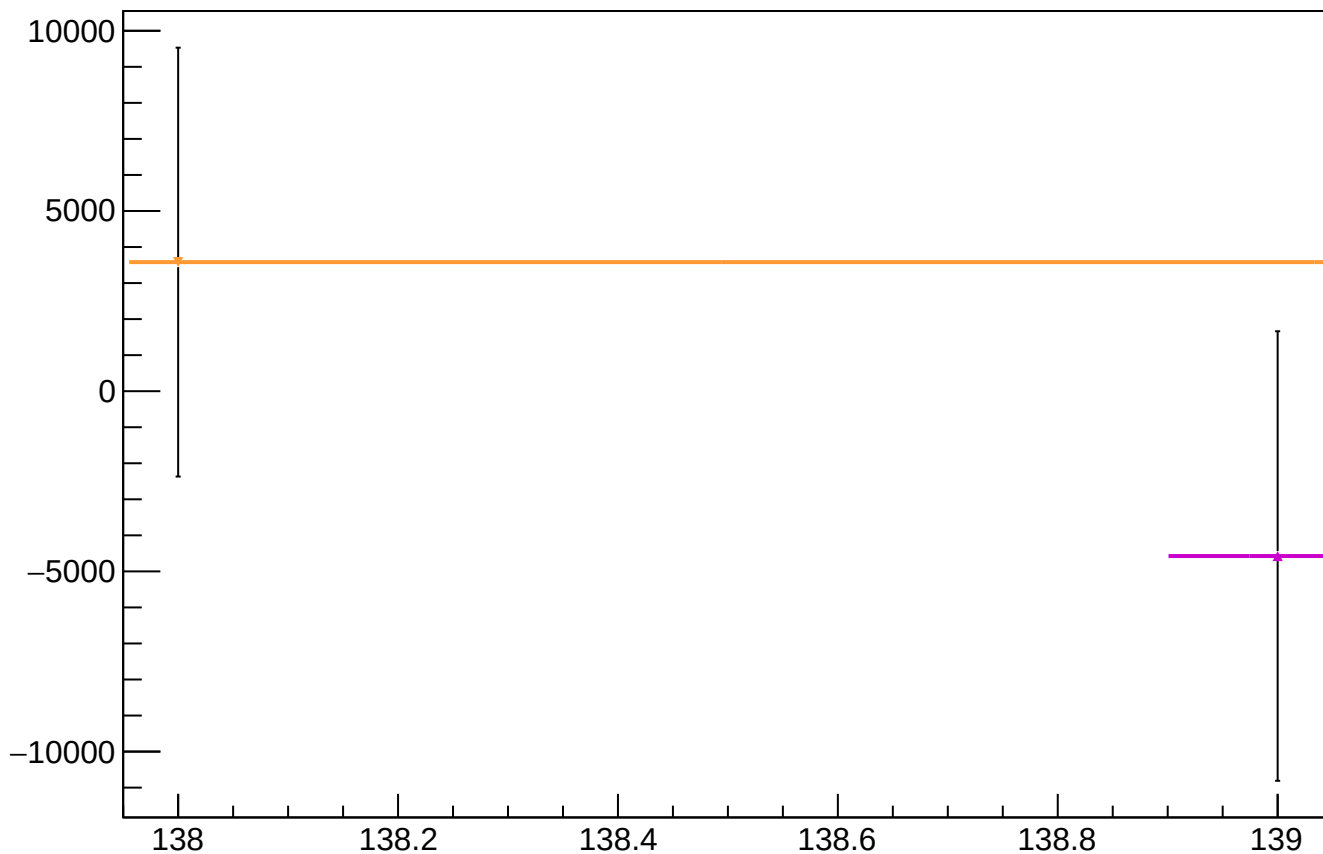
Right: 2019.103+/-0.395 χ^2/NDF : 1215366.0/35

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

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

All: 2028.979+/-0.375 χ^2/NDF : 1223529.7/37

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

Left: -304.644+/-4305.065 χ^2/NDF : 0.9/1

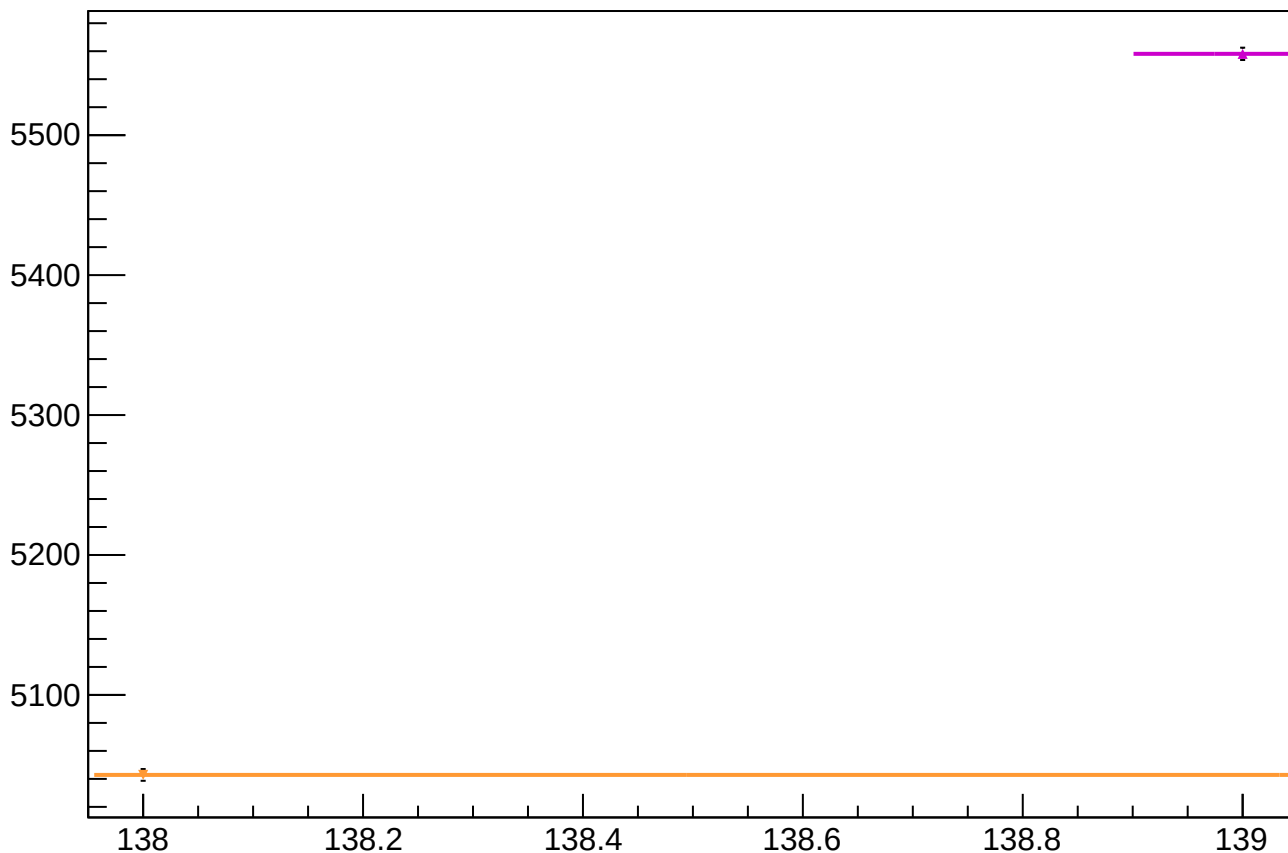
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -304.644+/-4305.065 χ^2/NDF : 0.9/1

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: 5558.115+/-4.410 χ^2 /NDF: 0.0/0

Left: 5288.374+/-3.044 χ^2 /NDF: 7146.9/1

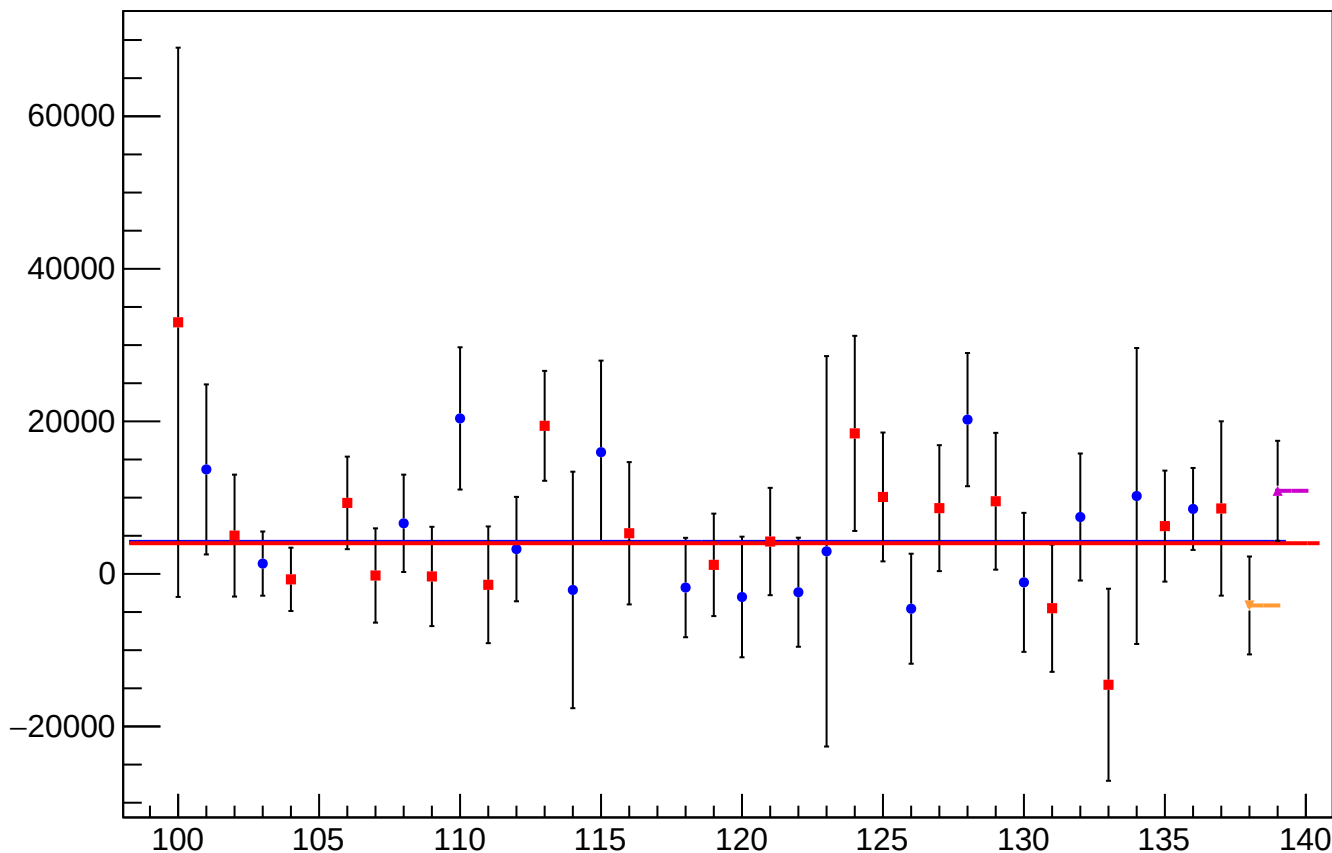
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 5558.115+/-4.410 χ^2 /NDF: 0.0/0

Out: 5042.846+/-4.207 χ^2 /NDF: 0.0/0

All: 5288.374+/-3.044 χ^2 /NDF: 7146.9/1

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

Left: 3220.322+/-4586.354 χ^2/NDF : 2.7/1

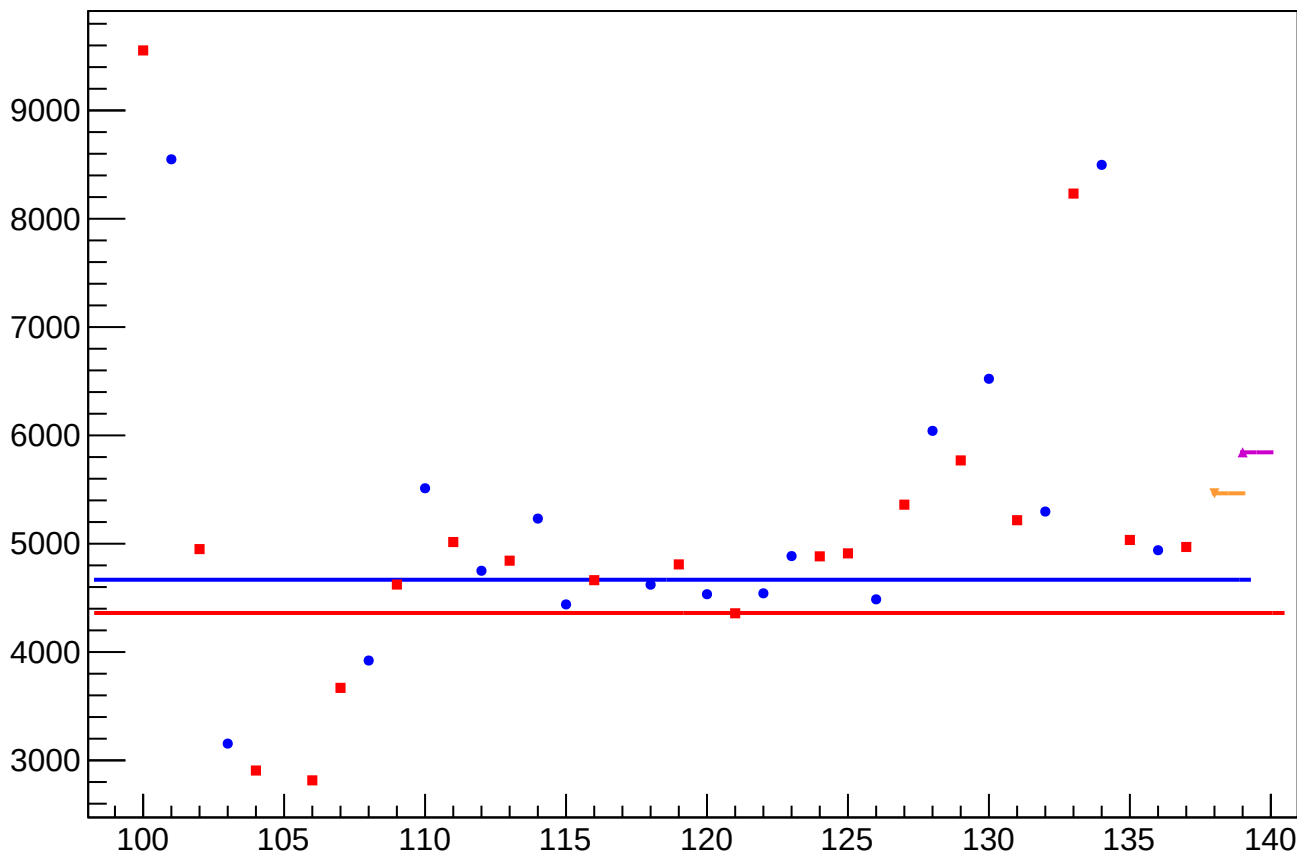
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

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

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

All: 4042.303+/-1218.727 χ^2/NDF : 31.7/37

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: 5843.695+/-4.636 χ^2/NDF : 0.0/0

Left: 5650.402+/-3.243 χ^2/NDF : 3404.8/1

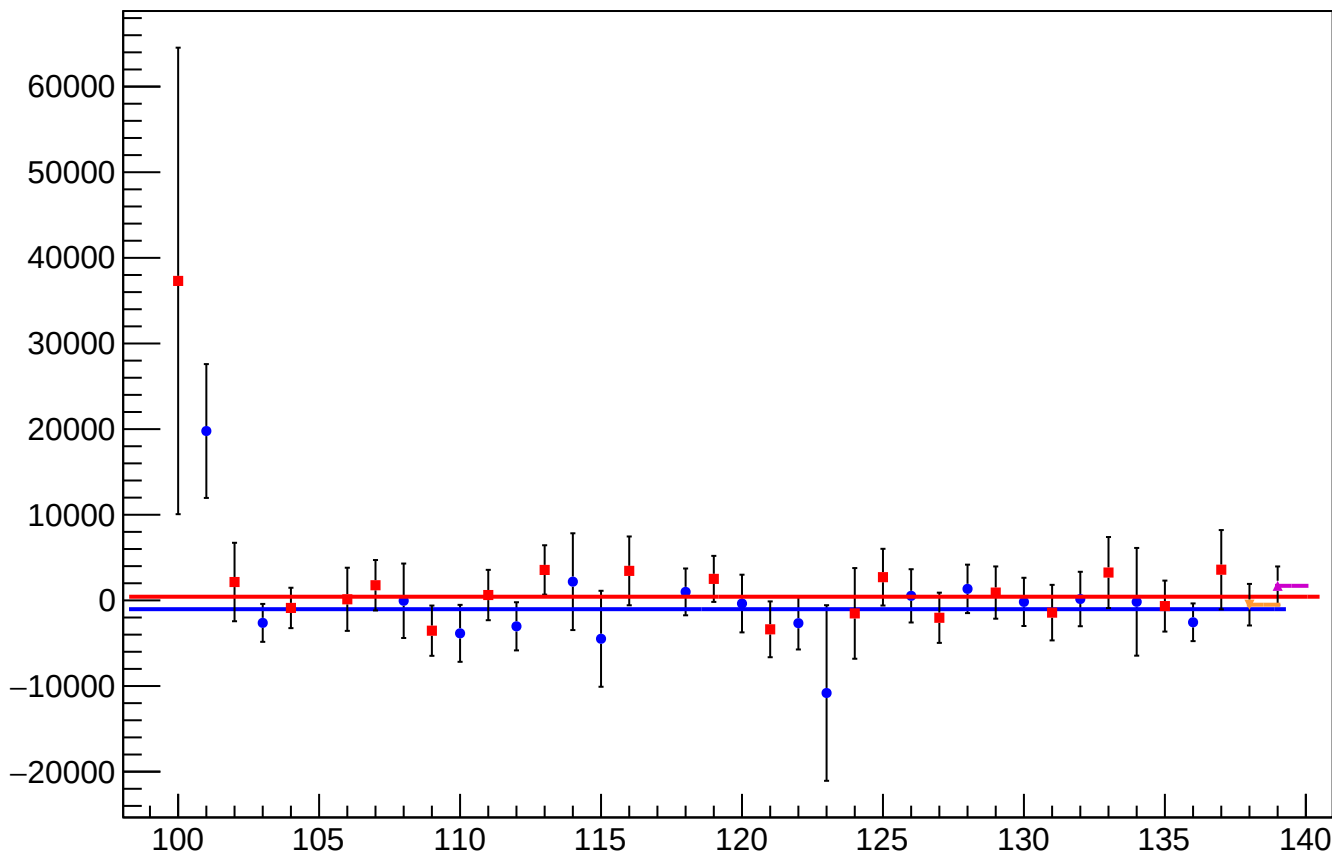
Right: 4501.800+/-0.891 χ^2/NDF : 1640064.7/35

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

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

All: 4582.436+/-0.859 χ^2/NDF : 1760102.6/37

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: -503.117+/-2427.395 χ^2/NDF : 0.0/0

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

Left In: 1701.244+/-2261.129 χ^2/NDF : 0.0/0

Left: 677.137+/-1654.519 χ^2/NDF : 0.4/1

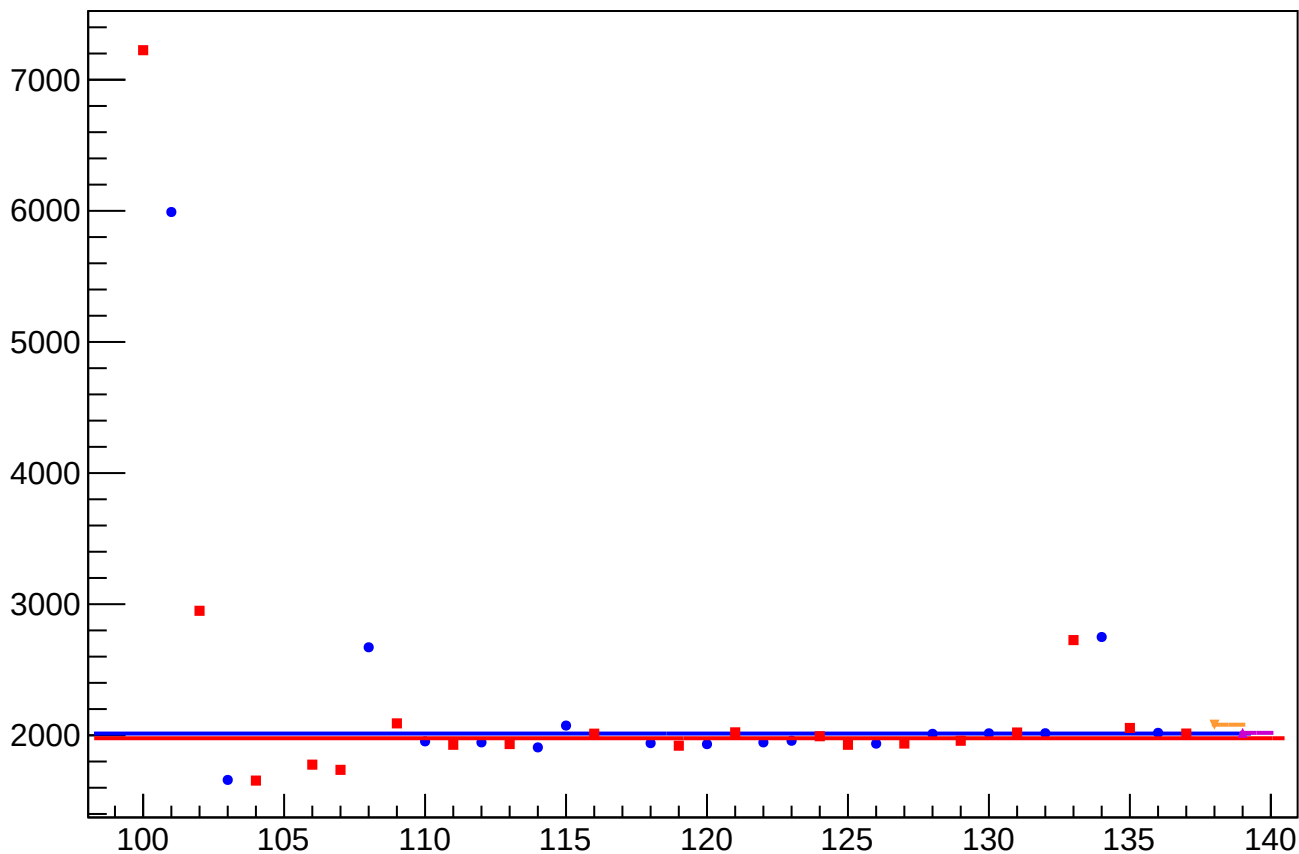
Right: -265.860+/-550.193 χ^2/NDF : 25.6/35

In: -725.816+/-751.334 χ^2/NDF : 14.3/17

Out: 345.156+/-725.992 χ^2/NDF : 10.9/19

All: -171.964+/-522.083 χ^2/NDF : 26.3/37

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: 2018.626+/-1.599 χ^2/NDF :0.0/0

Left: 2047.535+/-1.170 χ^2/NDF : 703.7/1

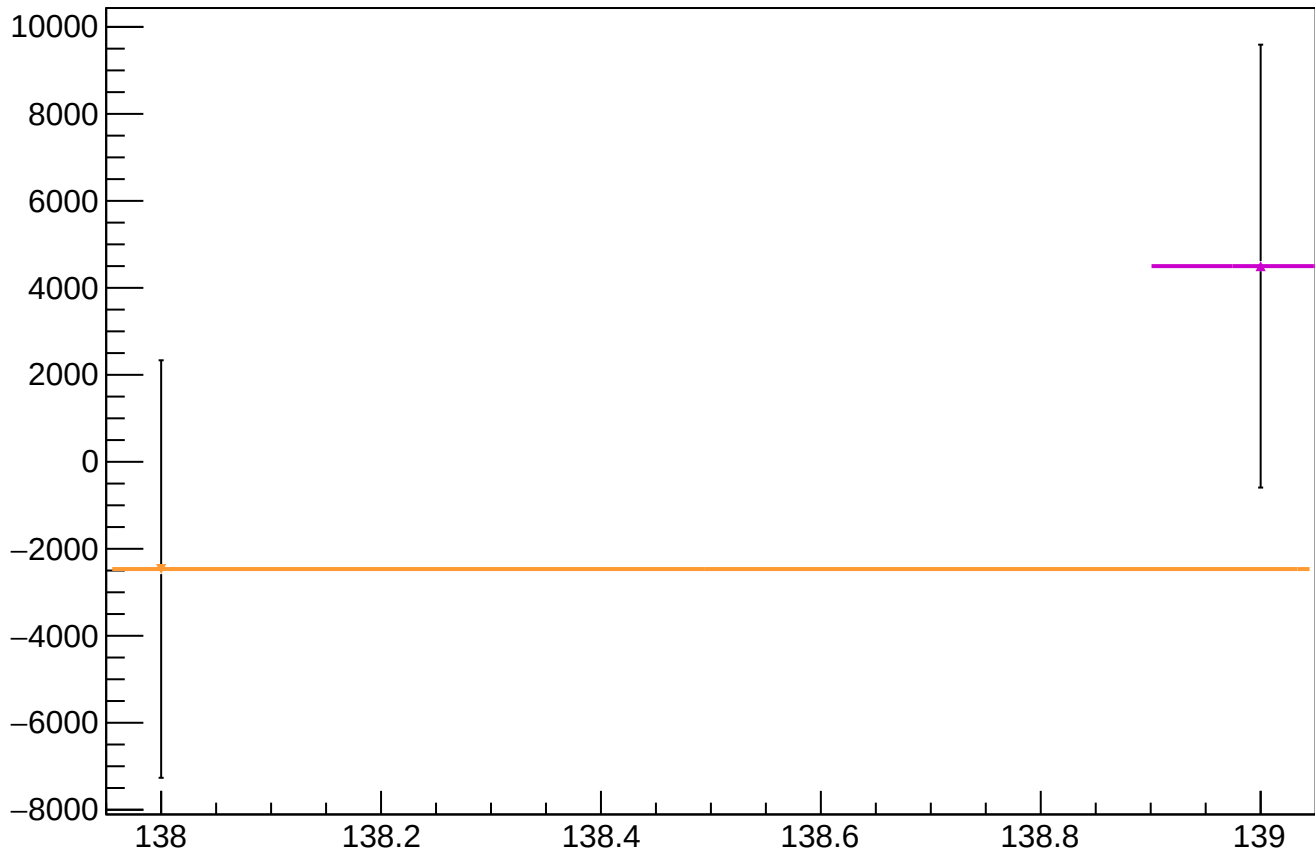
Right: 1994.568+/-0.389 χ^2/NDF : 947053.5/35

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

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

All: 1999.837+/-0.369 χ^2/NDF : 949603.0/37

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: 4499.700+/-5091.851 χ^2/NDF : 0.0/0

Left: 811.763+/-3492.704 χ^2/NDF : 1.0/1

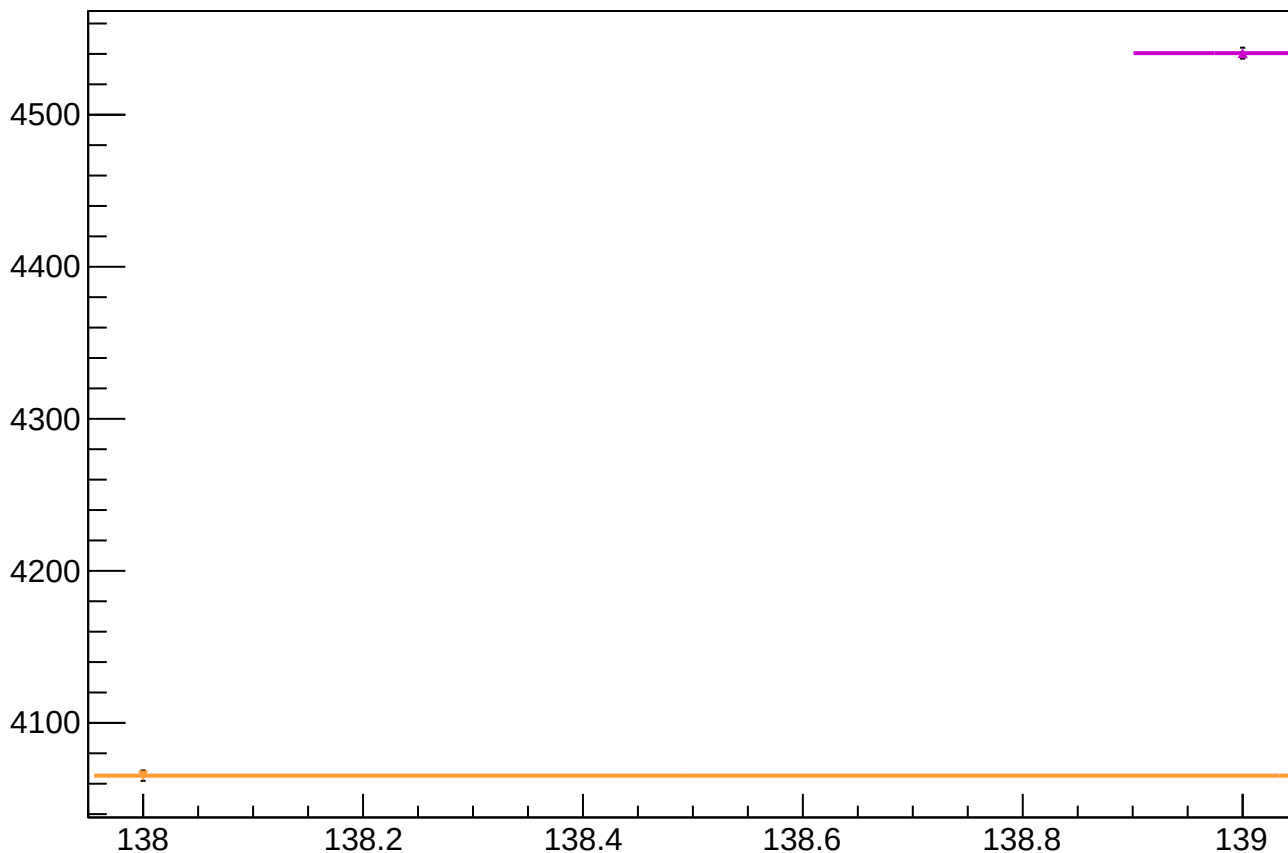
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: 811.763+/-3492.704 χ^2/NDF : 1.0/1

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: 4540.509+/-3.600 χ^2 /NDF: 0.0/0

Left: 4288.900+/-2.470 χ^2 /NDF: 9223.1/1

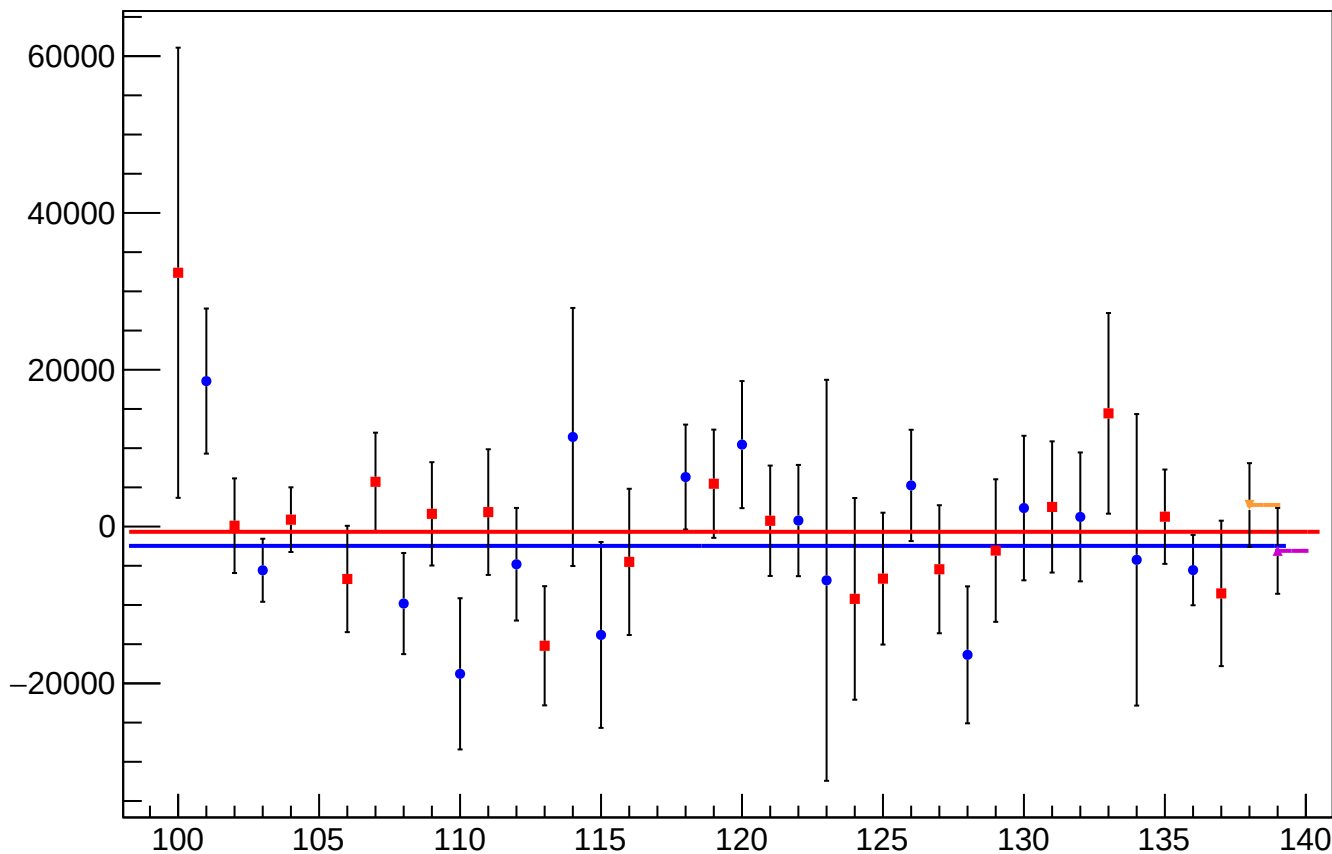
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 4540.509+/-3.600 χ^2 /NDF: 0.0/0

Out: 4065.315+/-3.394 χ^2 /NDF: 0.0/0

All: 4288.900+/-2.470 χ^2 /NDF: 9223.1/1

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 2759.468+/-5329.044 χ^2/NDF : 0.0/0

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

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

Left: -88.393+/-3819.351 χ^2/NDF : 0.6/1

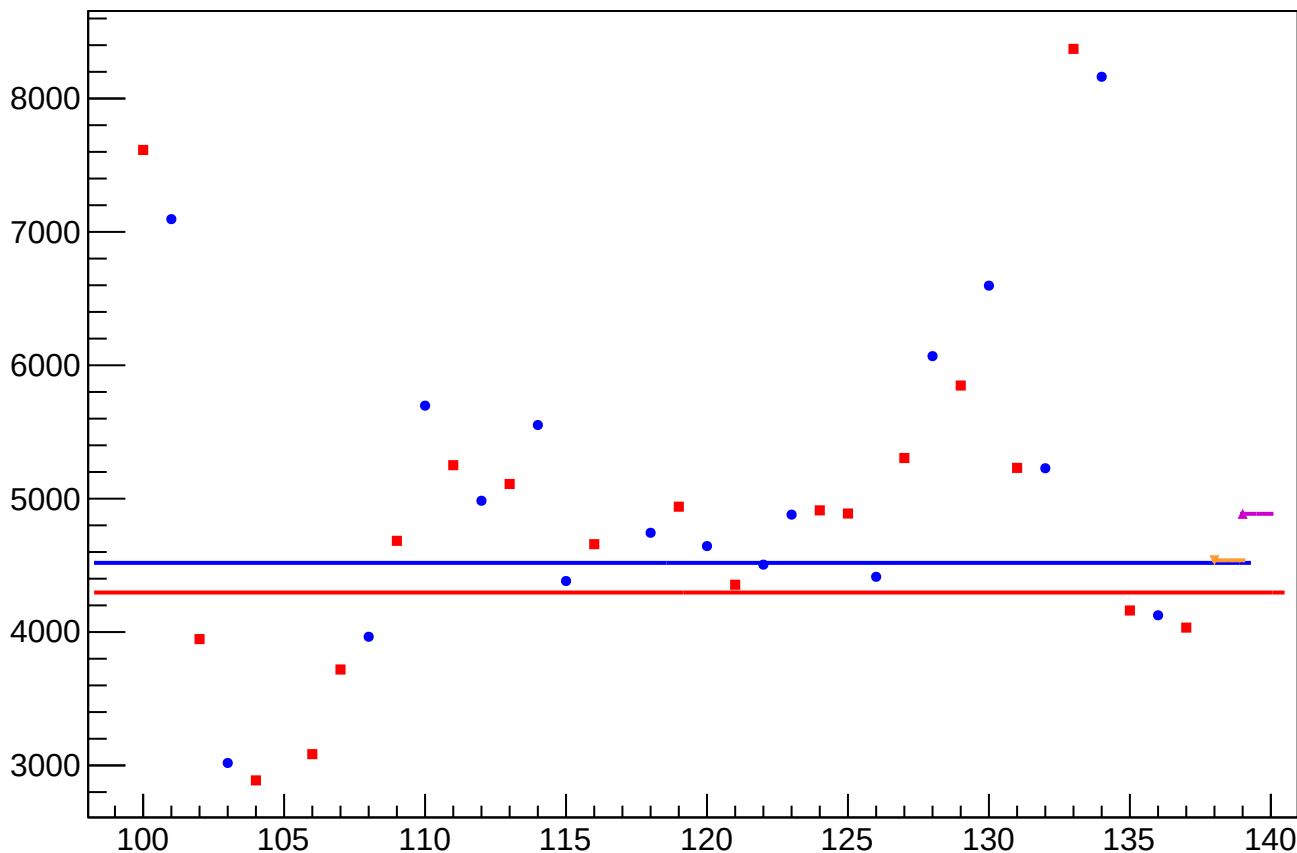
Right: -1508.905+/-1231.122 χ^2/NDF : 33.3/35

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

Out: -353.195+/-1610.770 χ^2/NDF : 12.3/19

All: -1375.203+/-1171.752 χ^2/NDF : 34.0/37

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: 4886.483+/-3.873 χ^2/NDF : 0.0/0

Left: 4707.352+/-2.701 χ^2/NDF : 4165.3/1

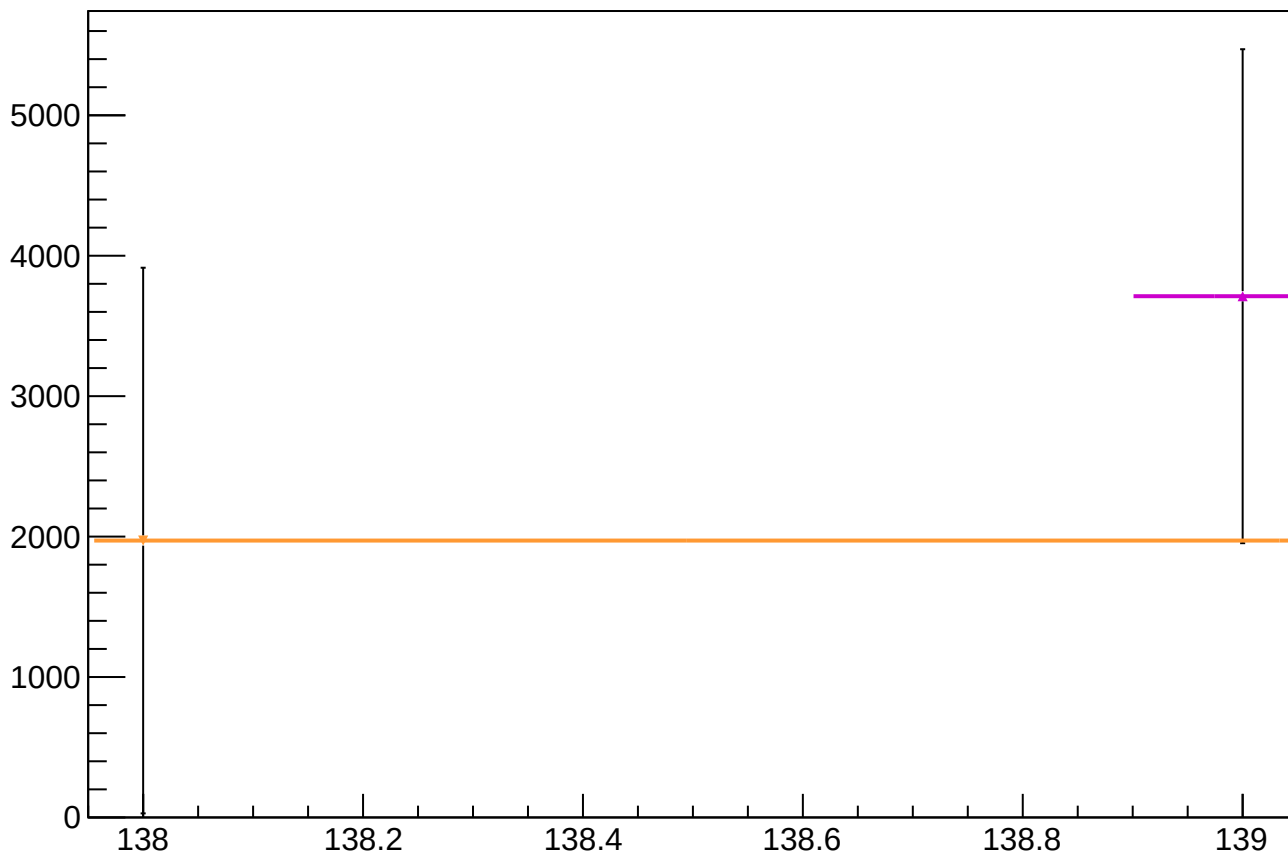
Right: 4400.071+/-0.868 χ^2/NDF : 1558255.2/35

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

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

All: 4428.838+/-0.826 χ^2/NDF : 1574154.2/37

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: 3711.803+/-1758.725 χ^2/NDF : 0.0/0

Left: 2928.084+/-1303.830 χ^2/NDF : 0.4/1

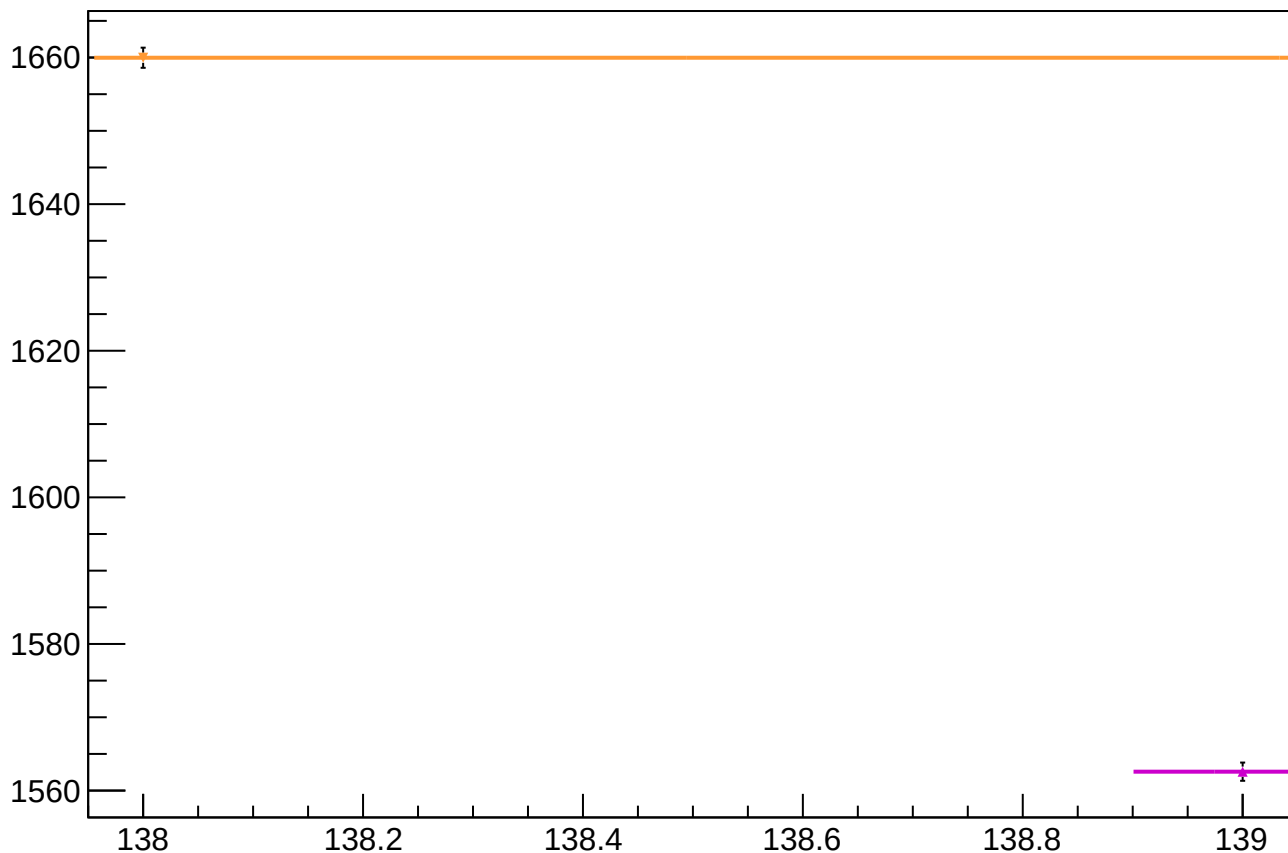
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: 2928.084+/-1303.830 χ^2/NDF : 0.4/1

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: 1562.577+/-1.244 χ^2/NDF : 0.0/0

Left: 1606.444+/-0.922 χ^2/NDF : 2762.5/1

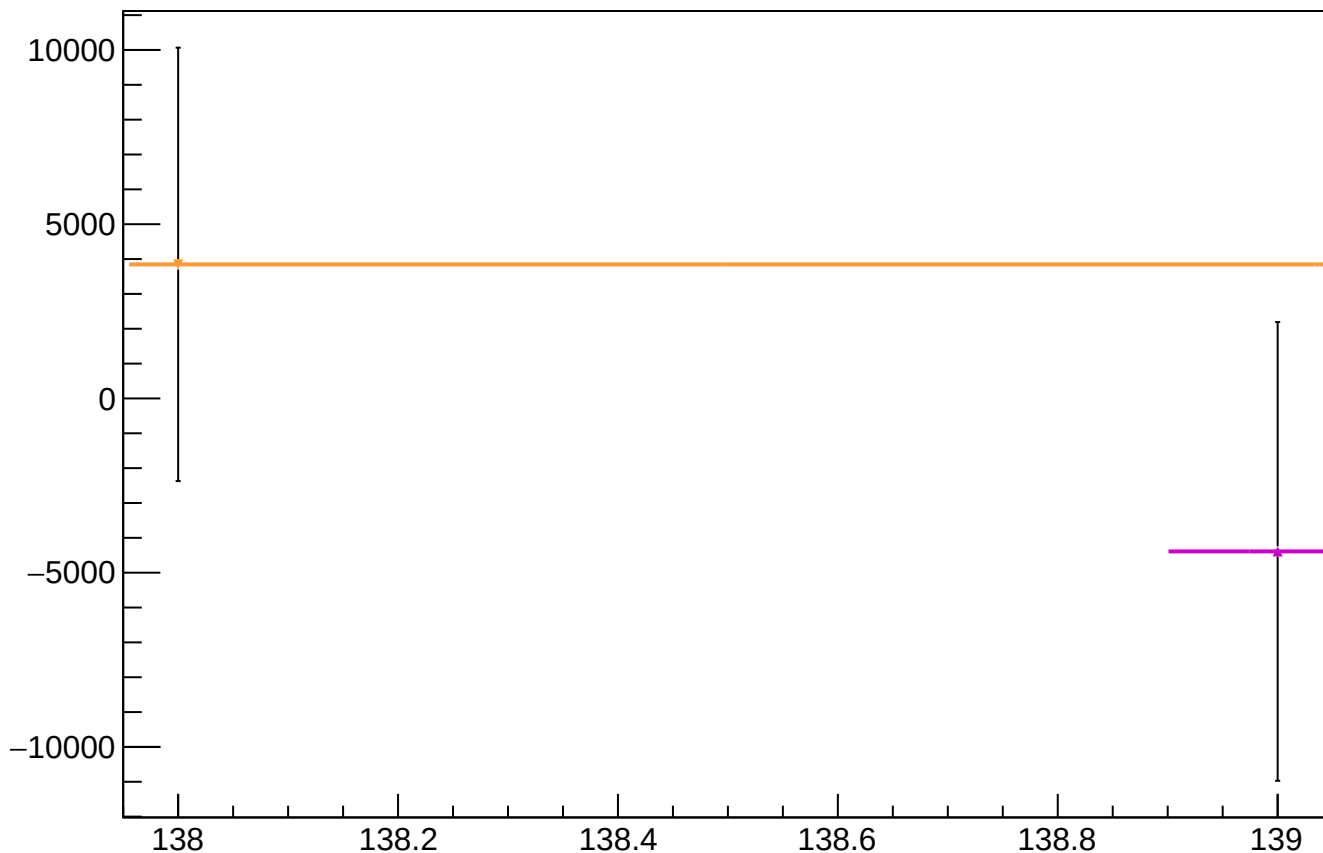
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1562.577+/-1.244 χ^2/NDF : 0.0/0

Out: 1659.972+/-1.374 χ^2/NDF : 0.0/0

All: 1606.444+/-0.922 χ^2/NDF : 2762.5/1

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

Left: -37.603+/-4520.391 χ^2/NDF : 0.8/1

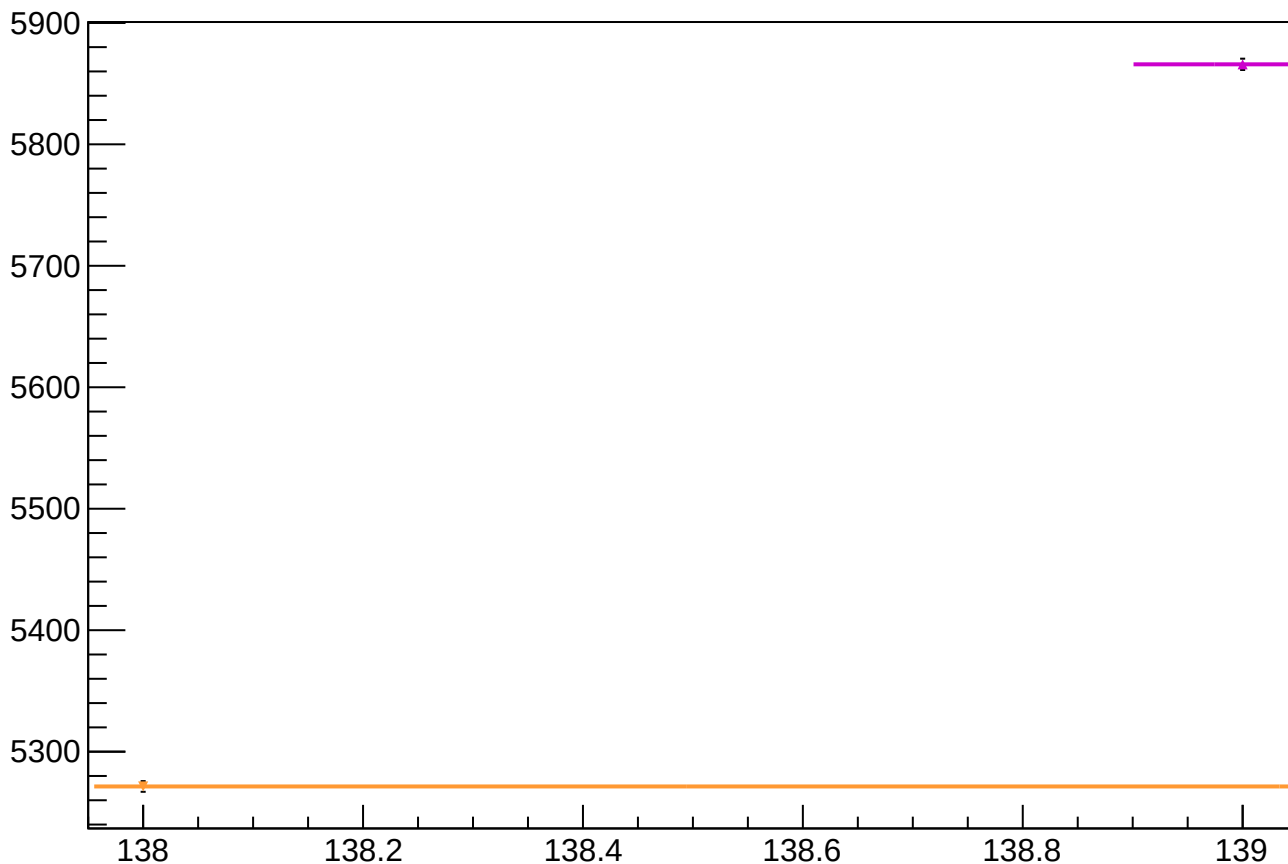
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -37.603+/-4520.391 χ^2/NDF : 0.8/1

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: 5865.852+/-4.654 χ^2/NDF : 0.0/0

Left: 5551.742+/-3.196 χ^2/NDF : 8619.9/1

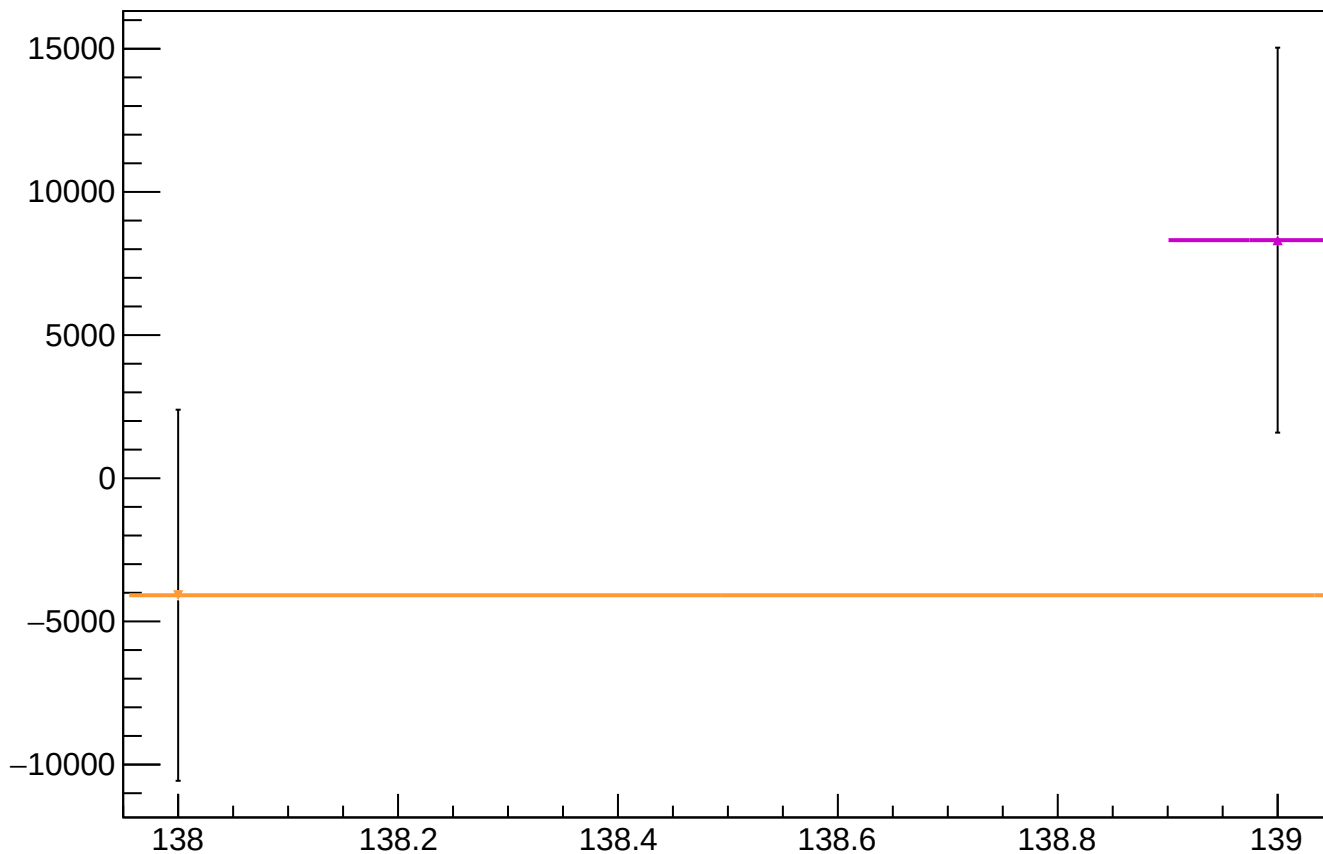
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5865.852+/-4.654 χ^2/NDF : 0.0/0

Out: 5271.366+/-4.397 χ^2/NDF : 0.0/0

All: 5551.742+/-3.196 χ^2/NDF : 8619.9/1

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: 8315.996+/-6722.512 χ^2/NDF : 0.0/0

Left: 1887.557+/-4665.593 χ^2/NDF : 1.8/1

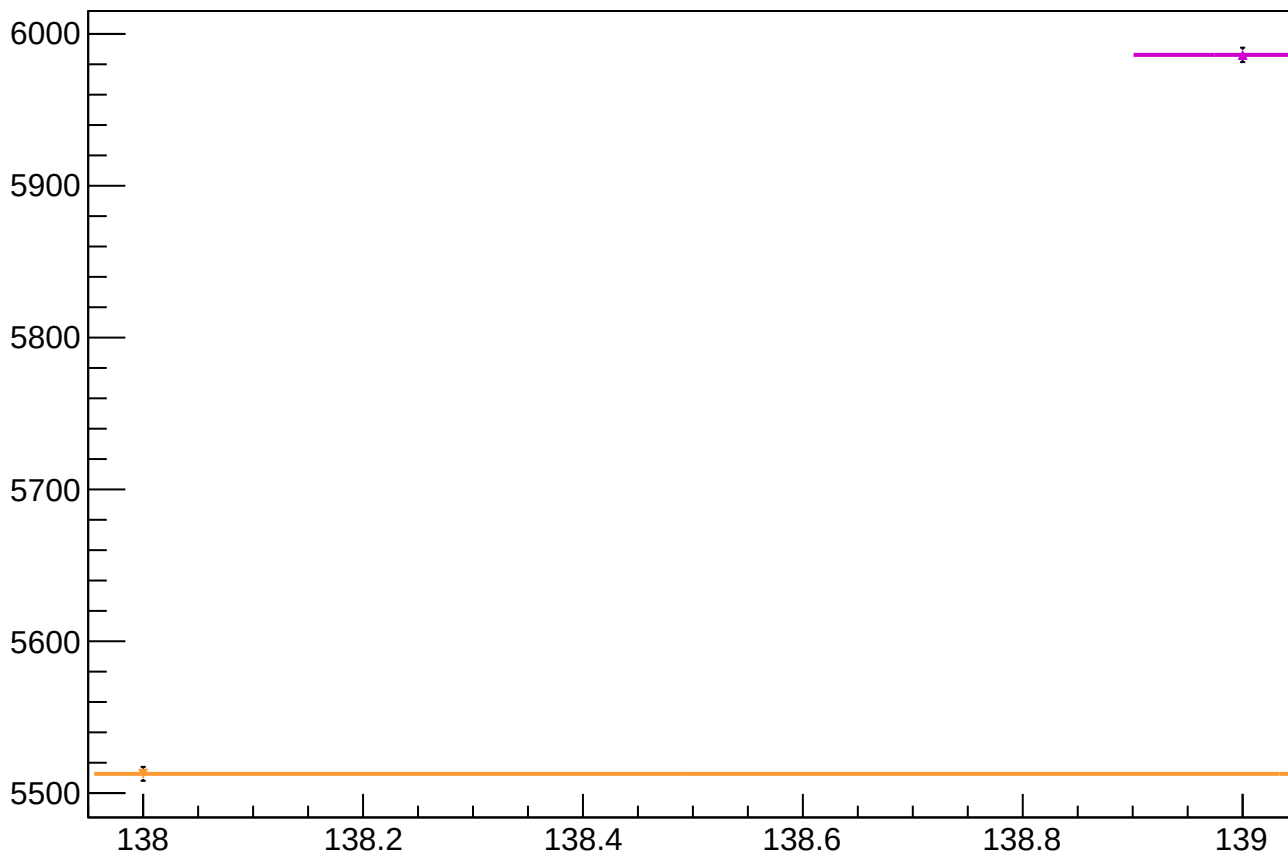
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: 1887.557+/-4665.593 χ^2/NDF : 1.8/1

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: 5986.200+/-4.754 χ^2/NDF : 0.0/0

Left: 5740.761+/-3.299 χ^2/NDF : 5143.4/1

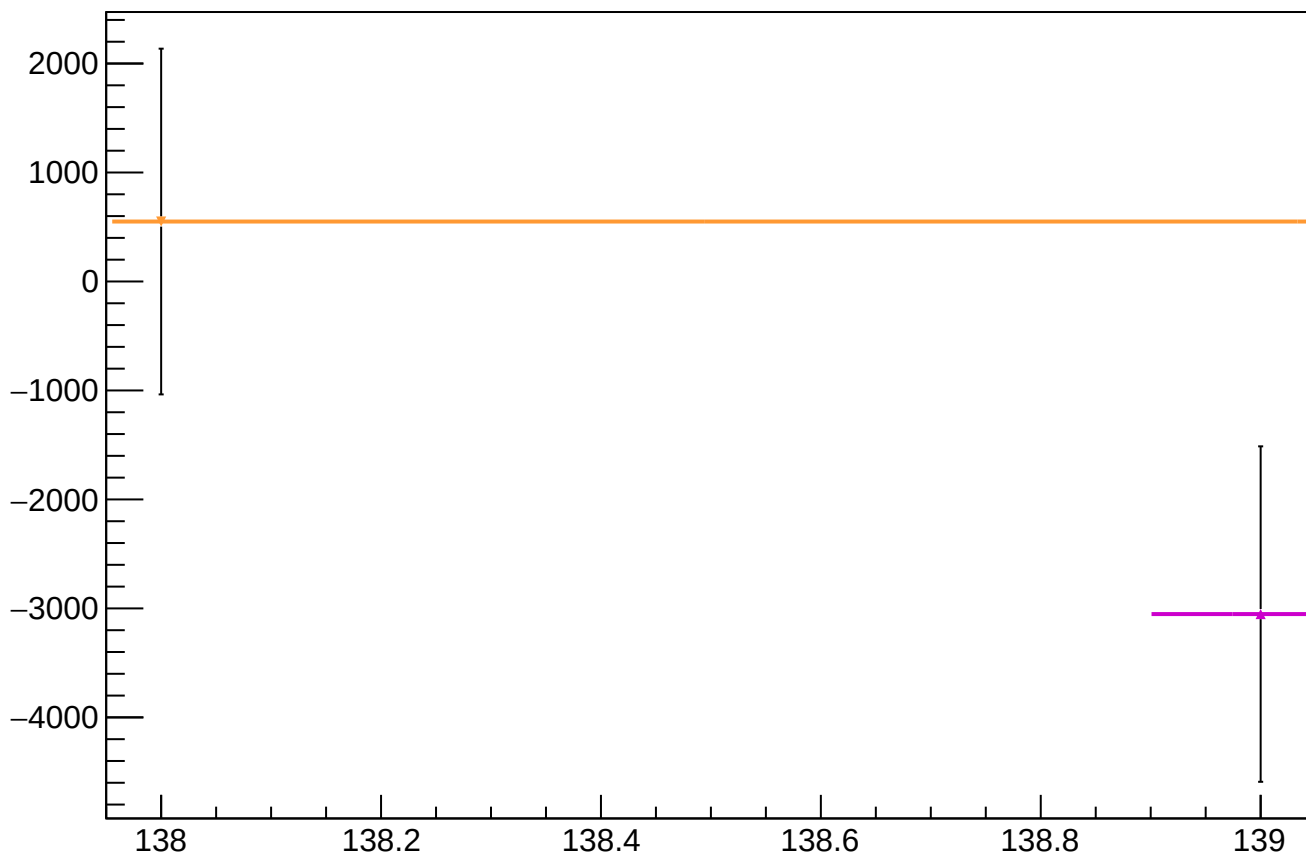
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5986.200+/-4.754 χ^2/NDF : 0.0/0

Out: 5512.679+/-4.582 χ^2/NDF : 0.0/0

All: 5740.761+/-3.299 χ^2/NDF : 5143.4/1

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

Left: -1305.266+/-1104.609 χ^2/NDF : 2.7/1

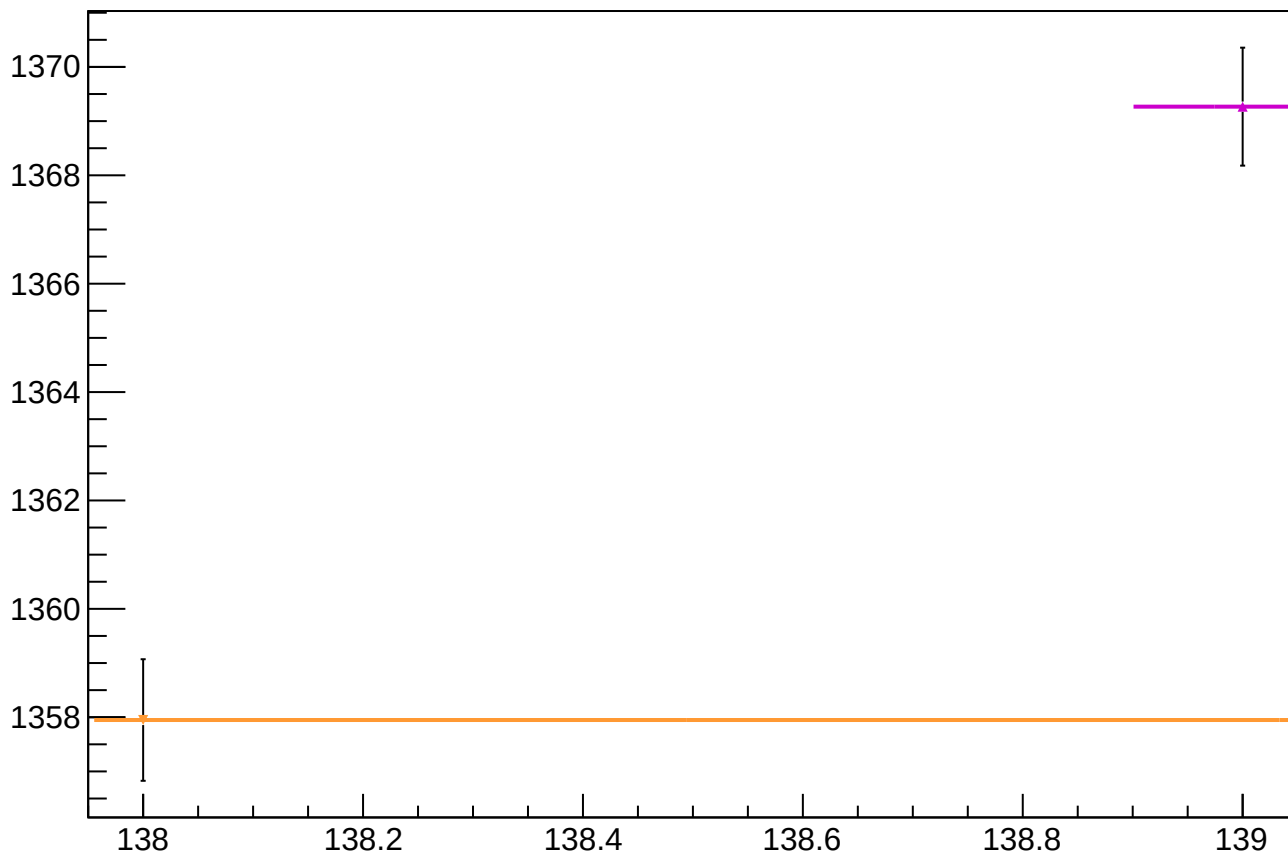
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -1305.266+/-1104.609 χ^2/NDF : 2.7/1

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: 1369.267+/-1.088 χ^2/NDF : 0.0/0

Left: 1363.778+/-0.781 χ^2/NDF : 52.4/1

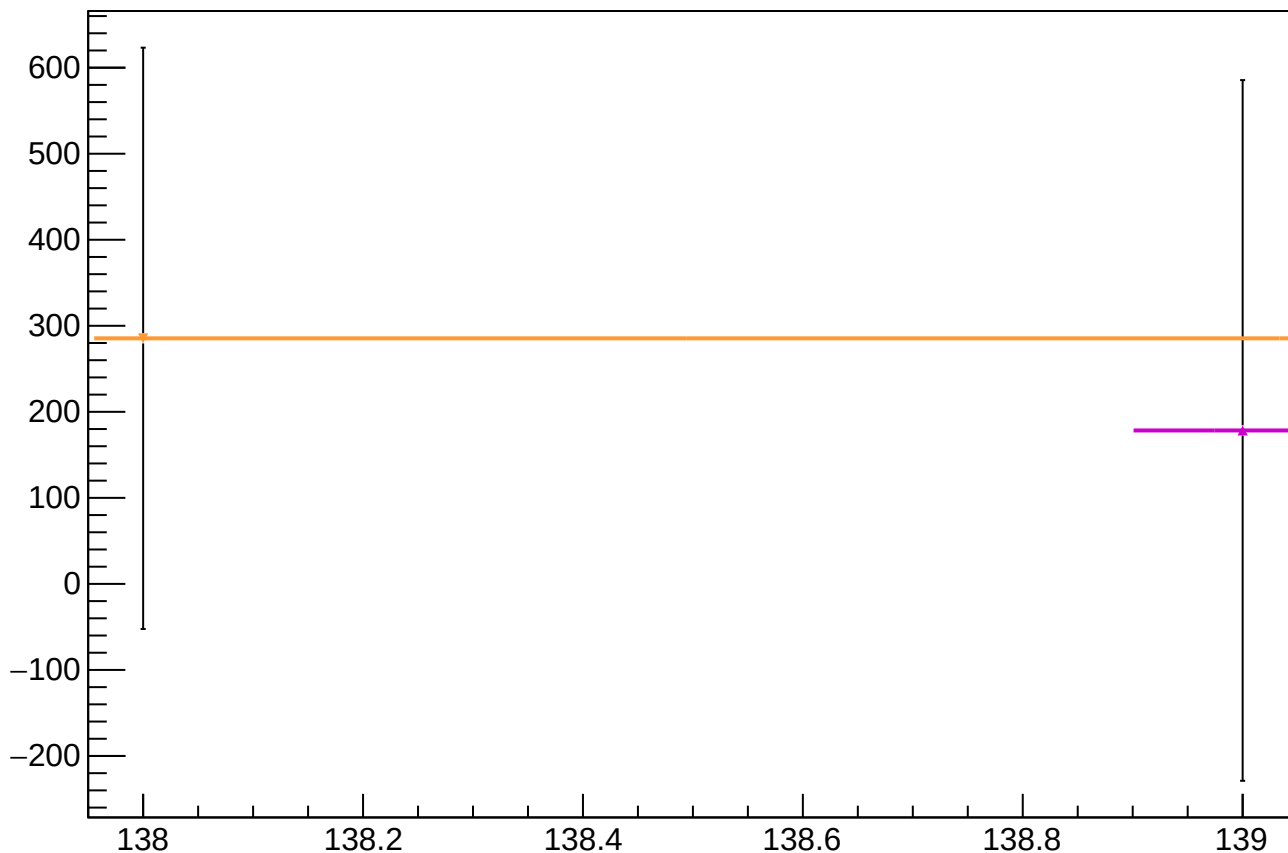
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1369.267+/-1.088 χ^2/NDF : 0.0/0

Out: 1357.949+/-1.122 χ^2/NDF : 0.0/0

All: 1363.778+/-0.781 χ^2/NDF : 52.4/1

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: 178.349+/-407.209 χ^2/NDF : 0.0/0

Left: 241.772+/-260.006 χ^2/NDF : 0.0/1

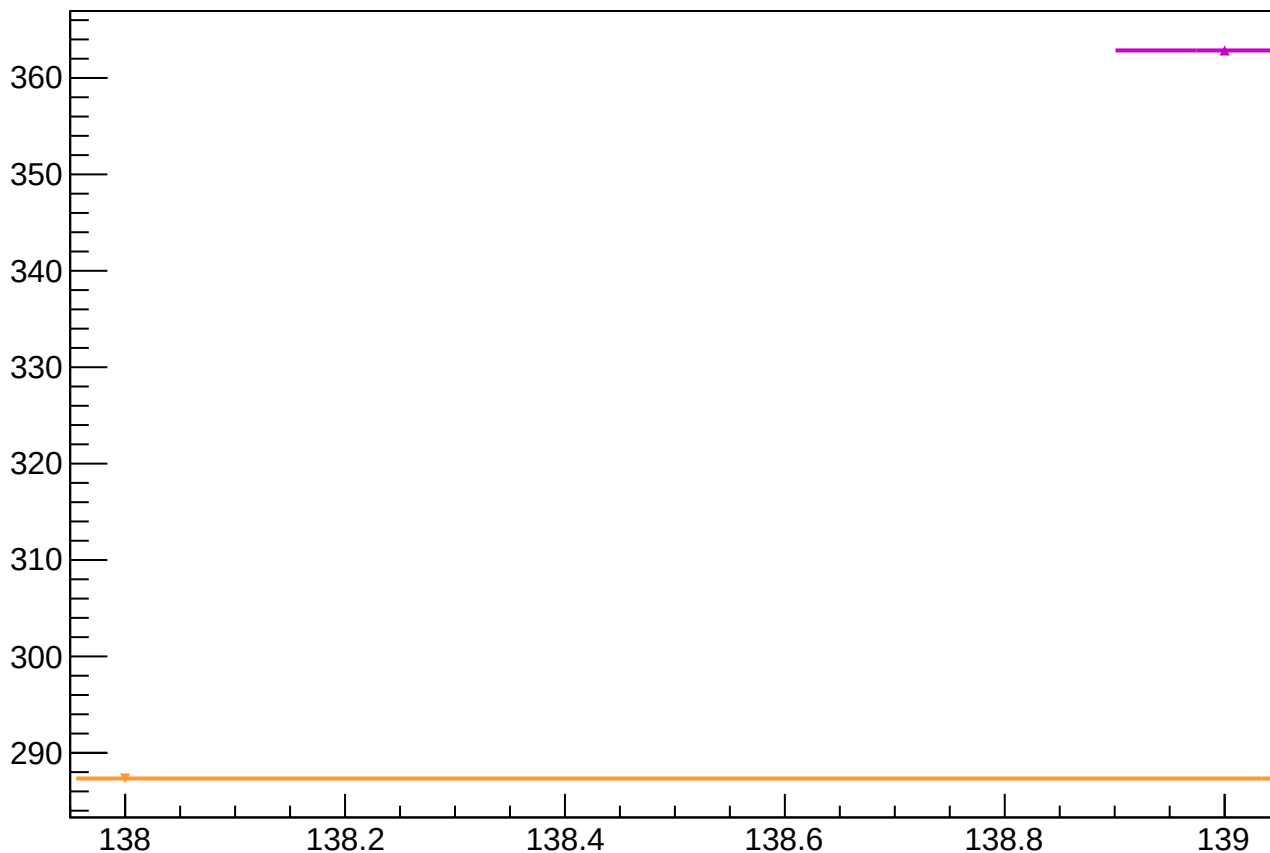
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 178.349+/-407.209 χ^2/NDF : 0.0/0

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

All: 241.772+/-260.006 χ^2/NDF : 0.0/1

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: 362.857+/-0.288 χ^2/NDF : 0.0/0

Left: 318.127+/-0.184 χ^2/NDF : 40741.7/1

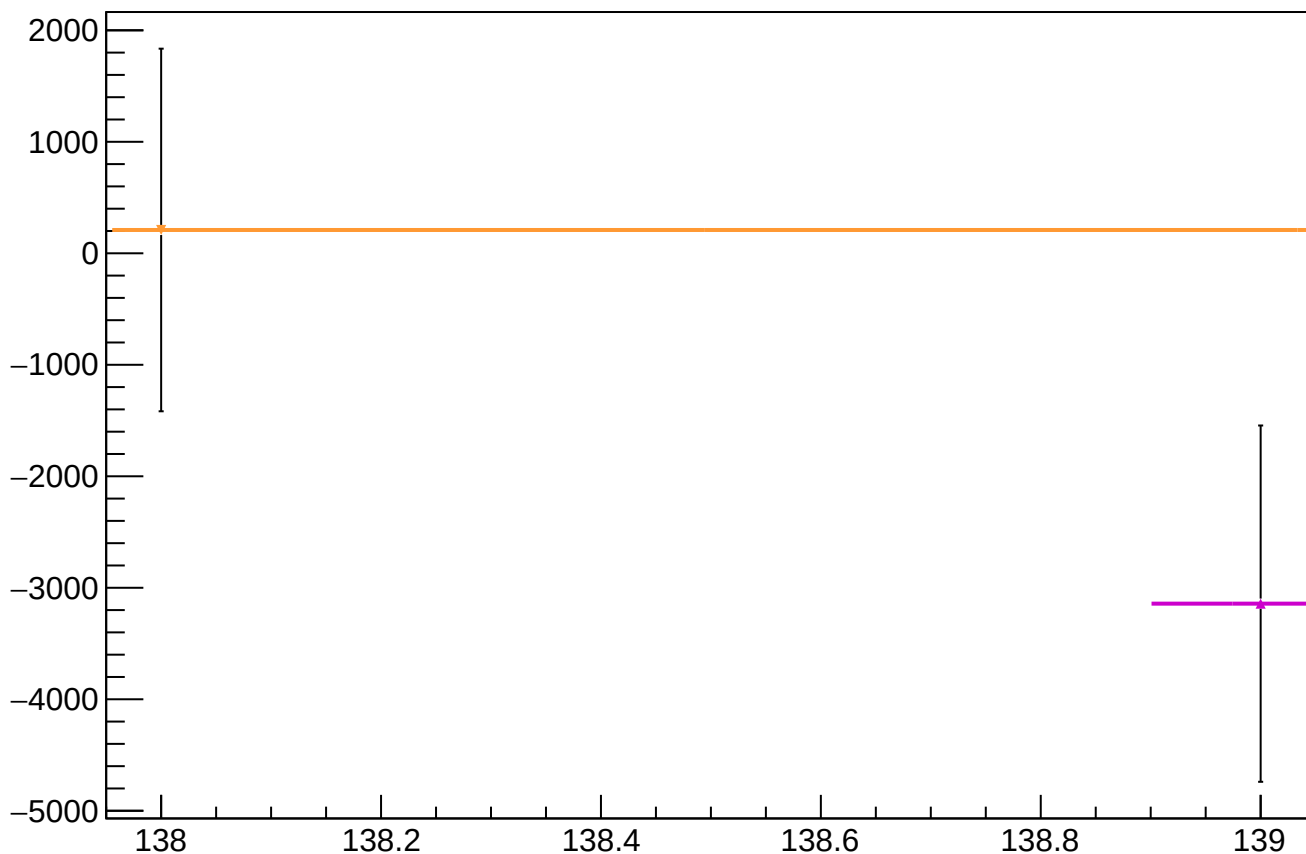
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.857+/-0.288 χ^2/NDF : 0.0/0

Out: 287.339+/-0.239 χ^2/NDF : 0.0/0

All: 318.127+/-0.184 χ^2/NDF : 40741.7/1

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

Left: -1496.043+/-1139.726 χ^2/NDF : 2.2/1

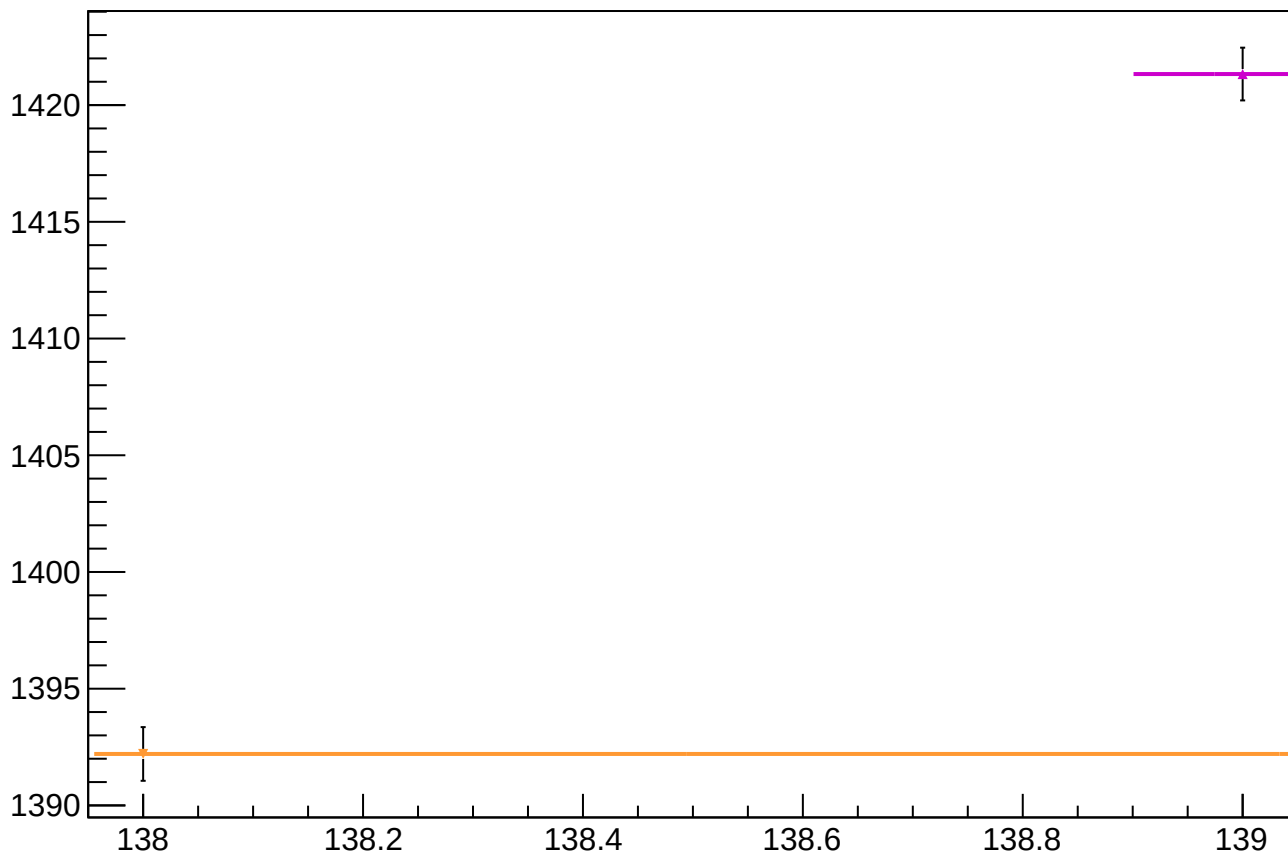
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -1496.043+/-1139.726 χ^2/NDF : 2.2/1

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: 1421.330+/-1.130 χ^2/NDF : 0.0/0

Left: 1407.023+/-0.806 χ^2/NDF : 326.4/1

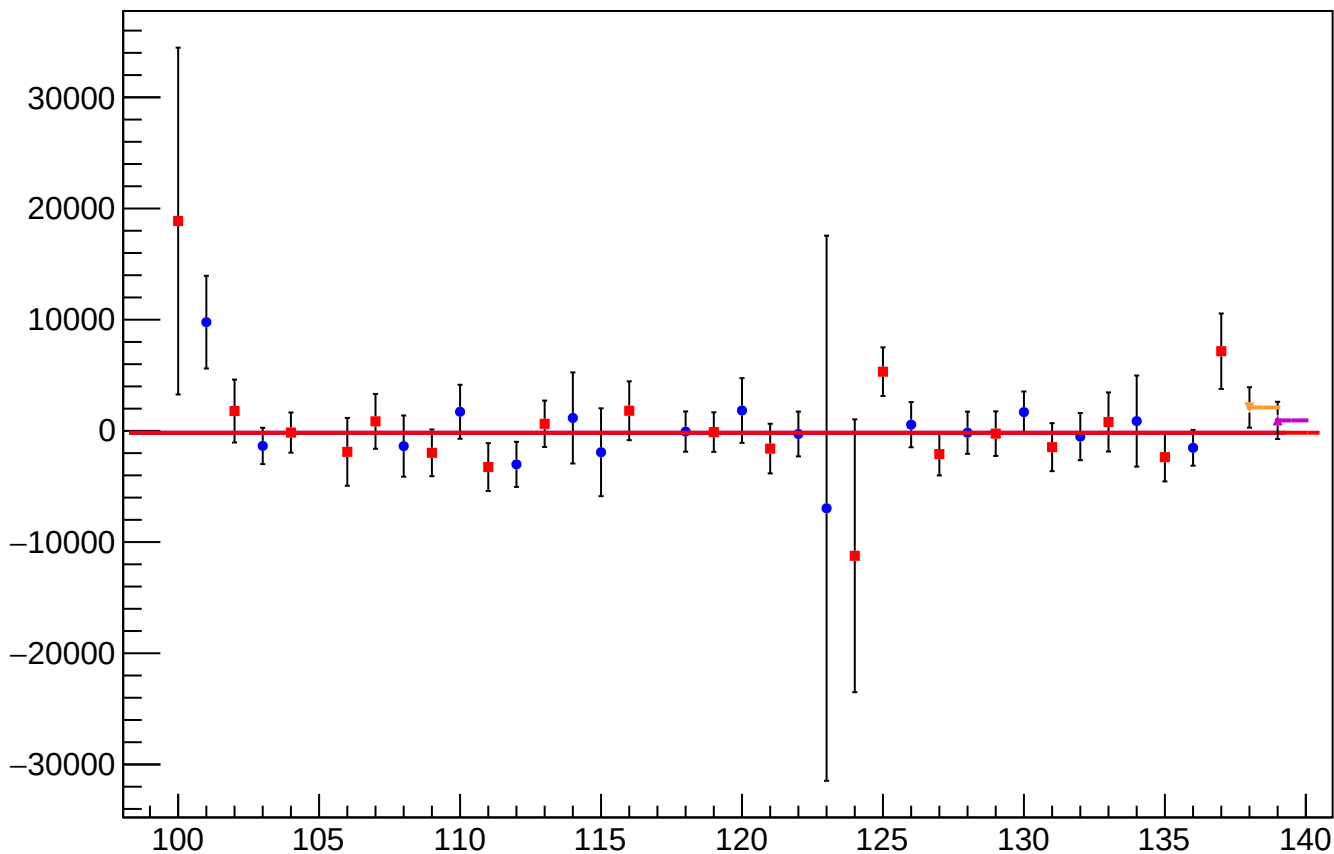
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1421.330+/-1.130 χ^2/NDF : 0.0/0

Out: 1392.205+/-1.150 χ^2/NDF : 0.0/0

All: 1407.023+/-0.806 χ^2/NDF : 326.4/1

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: 943.340 ± 1674.599 χ^2/NDF : 0.0/0

Left: 1478.103 ± 1231.714 χ^2/NDF : 0.2/1

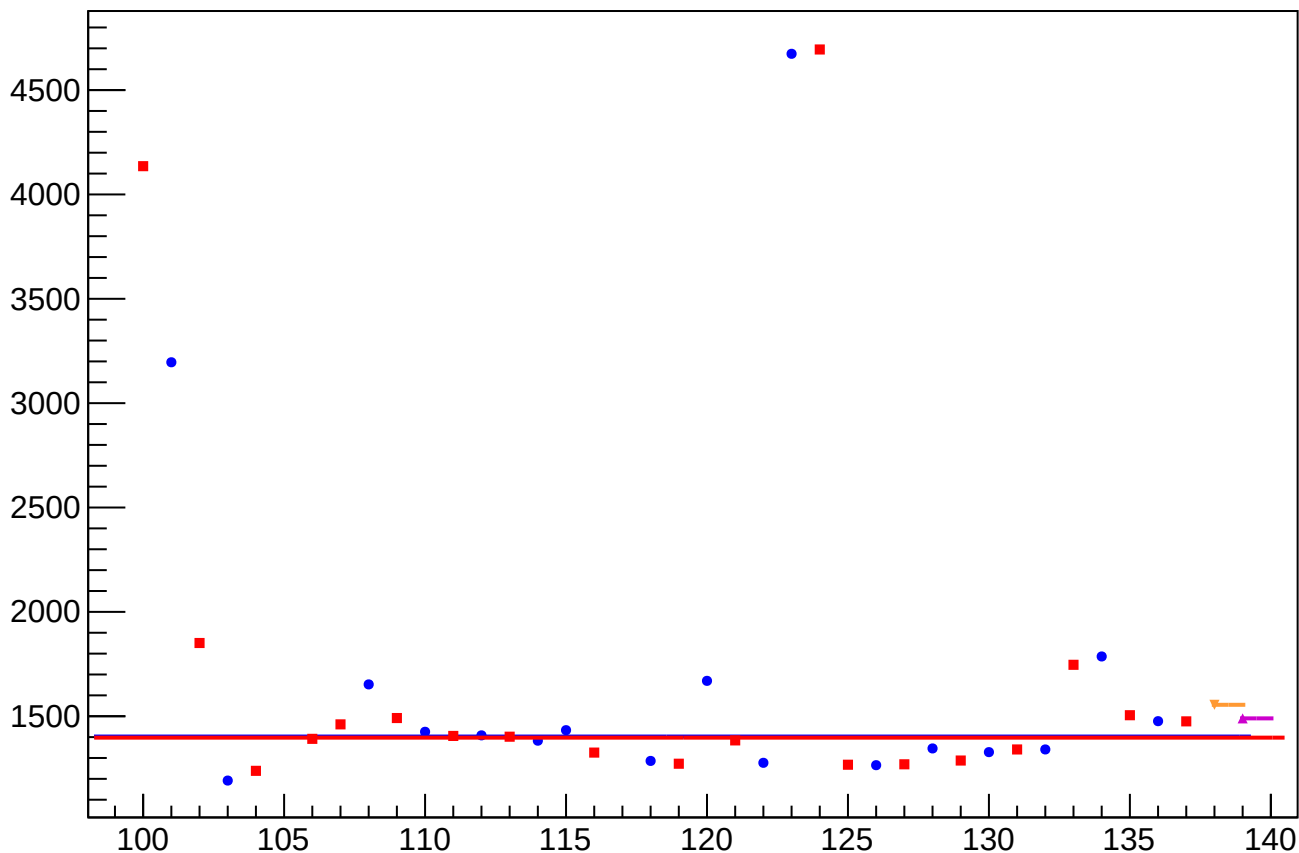
Right: -169.758 ± 386.953 χ^2/NDF : 32.4/35

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

Out: 19.426 ± 517.737 χ^2/NDF : 22.1/19

All: -21.731 ± 369.164 χ^2/NDF : 34.3/37

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.709 $\pm$ 0.392 χ^2 /NDF: 526326.4/16

Left Out: 1554.771 $\pm$ 1.286 χ^2 /NDF: 0.0/0

Right Out: 1397.442 $\pm$ 0.382 χ^2 /NDF: 353365.4/18

Left In: 1489.747 $\pm$ 1.184 χ^2 /NDF: 0.0/0

Left: 1519.593 $\pm$ 0.871 χ^2 /NDF: 1384.1/1

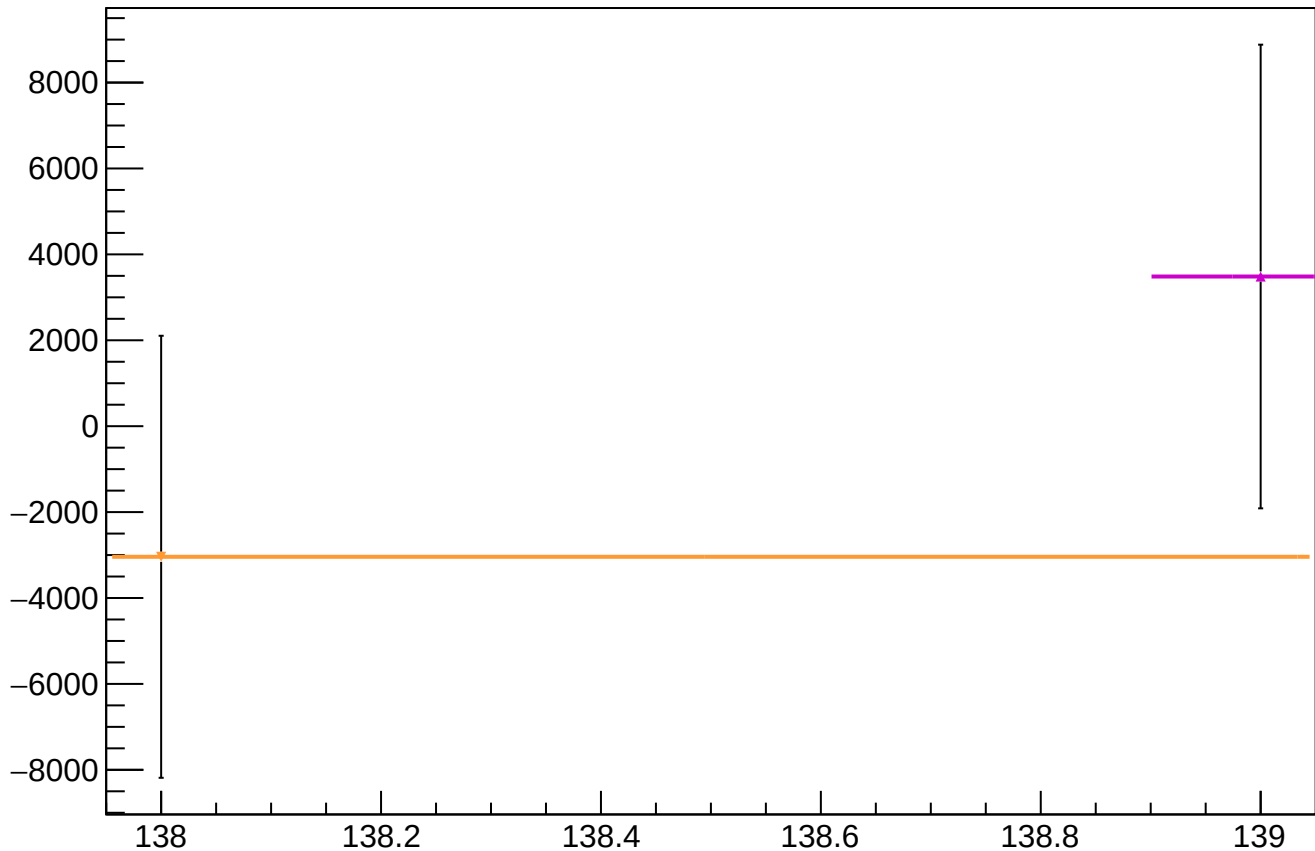
Right: 1400.004 $\pm$ 0.274 χ^2 /NDF: 879784.5/35

In: 1411.313 $\pm$ 0.372 χ^2 /NDF: 531195.2/17

Out: 1410.188 $\pm$ 0.366 χ^2 /NDF: 367129.5/19

All: 1410.741 $\pm$ 0.261 χ^2 /NDF: 898329.3/37

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -3040.411 $\pm$ 5145.376 χ^2/NDF : 0.0/0

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

Left In: 3484.590 $\pm$ 5397.488 χ^2/NDF : 0.0/0

Left: 66.146 $\pm$ 3724.269 χ^2/NDF : 0.8/1

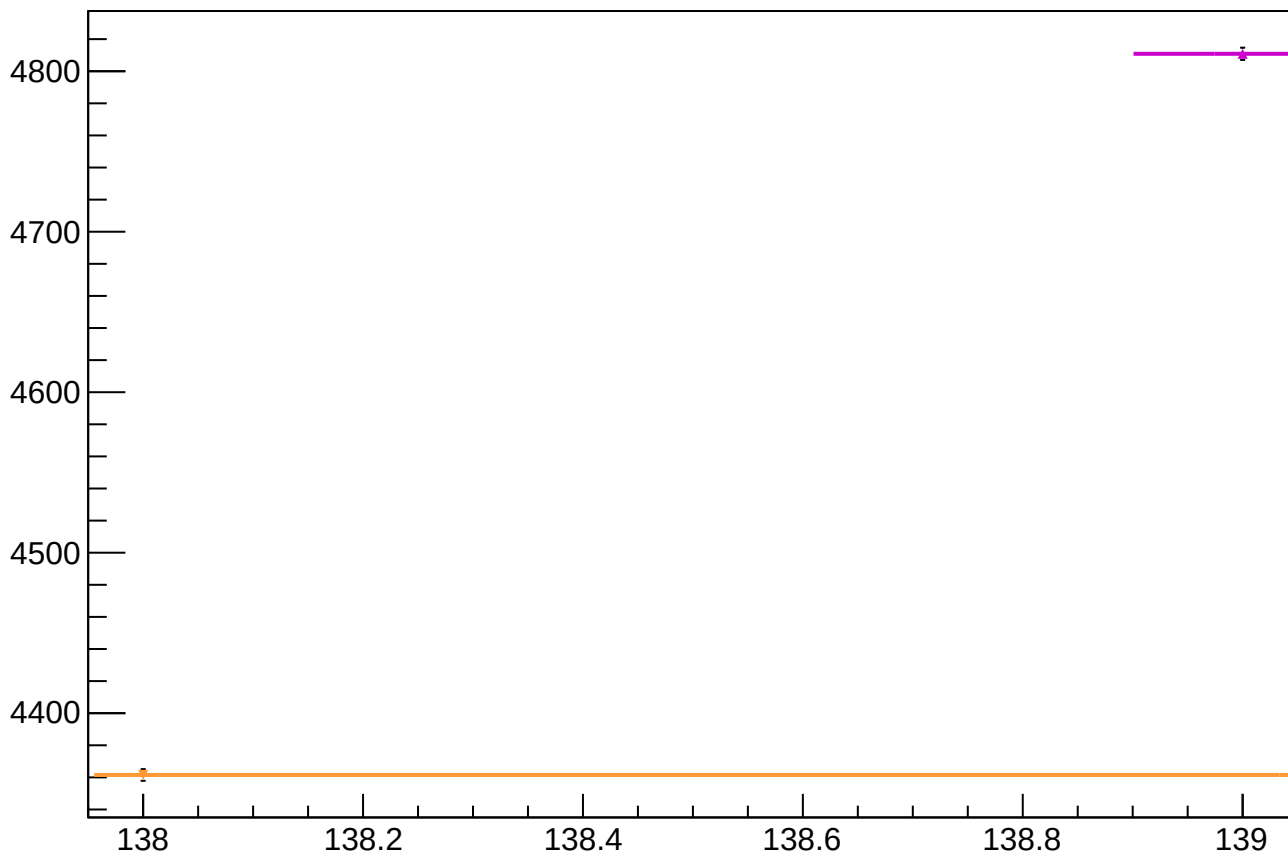
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 3484.590 $\pm$ 5397.488 χ^2/NDF : 0.0/0

Out: -3040.411 $\pm$ 5145.376 χ^2/NDF : 0.0/0

All: 66.146 $\pm$ 3724.269 χ^2/NDF : 0.8/1

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Left: 4575.451 $\pm$ 2.633 χ^2 /NDF: 7262.3/1

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

In: 4810.867 $\pm$ 3.817 χ^2 /NDF: 0.0/0

Out: 4361.513 $\pm$ 3.638 χ^2 /NDF: 0.0/0

All: 4575.451 $\pm$ 2.633 χ^2 /NDF: 7262.3/1

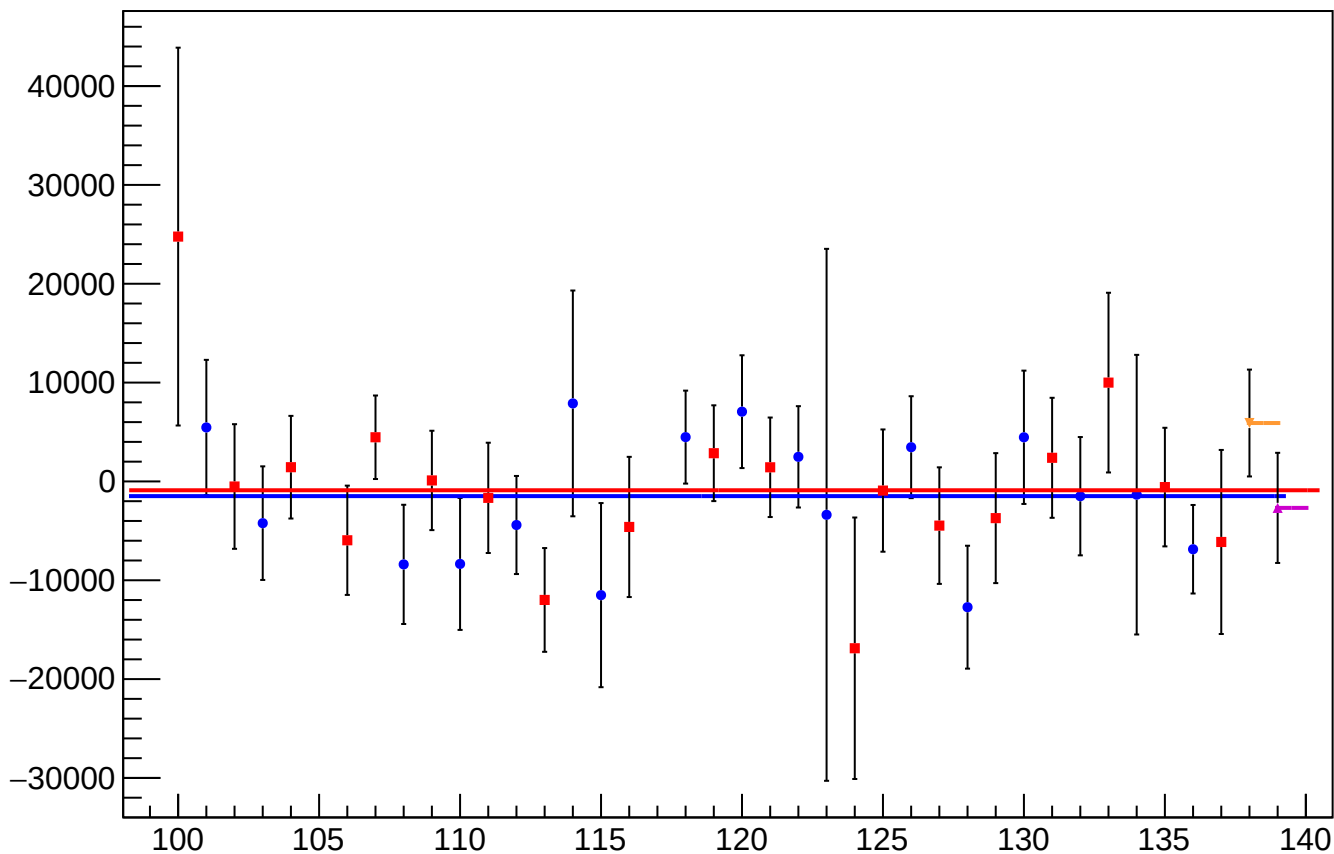
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 4361.513 $\pm$ 3.638 χ^2 /NDF: 0.0/0

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

Left In: 4810.867 $\pm$ 3.817 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 5908.892+/-5405.439 χ^2/NDF : 0.0/0

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

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

Left: 1745.607+/-3879.653 χ^2/NDF : 1.2/1

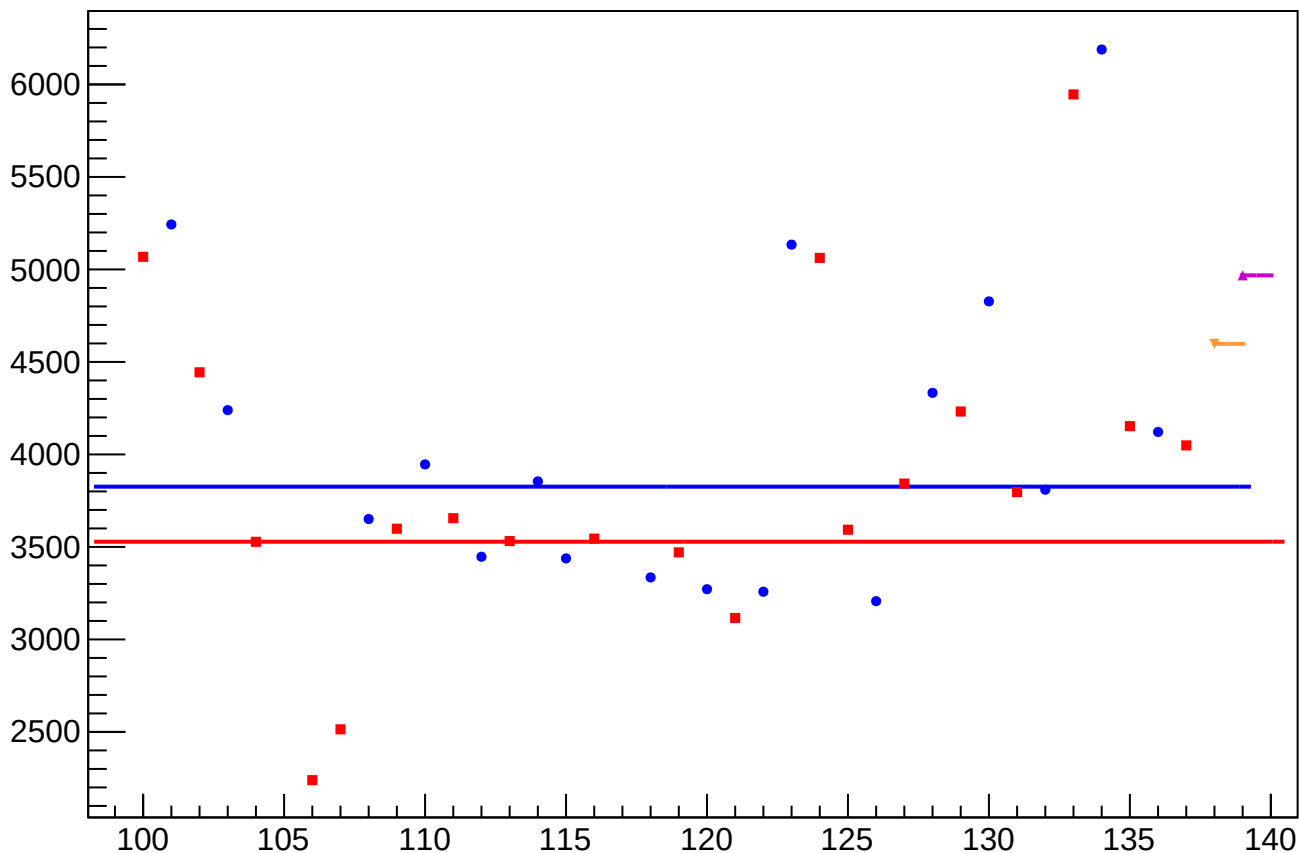
Right: -1165.879+/-1014.876 χ^2/NDF : 30.9/35

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

Out: -478.504+/-1336.121 χ^2/NDF : 15.6/19

All: -979.409+/-981.839 χ^2/NDF : 32.6/37

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: 4968.039+/-3.940 χ^2/NDF : 0.0/0

Left: 4777.393+/-2.743 χ^2/NDF : 4545.6/1

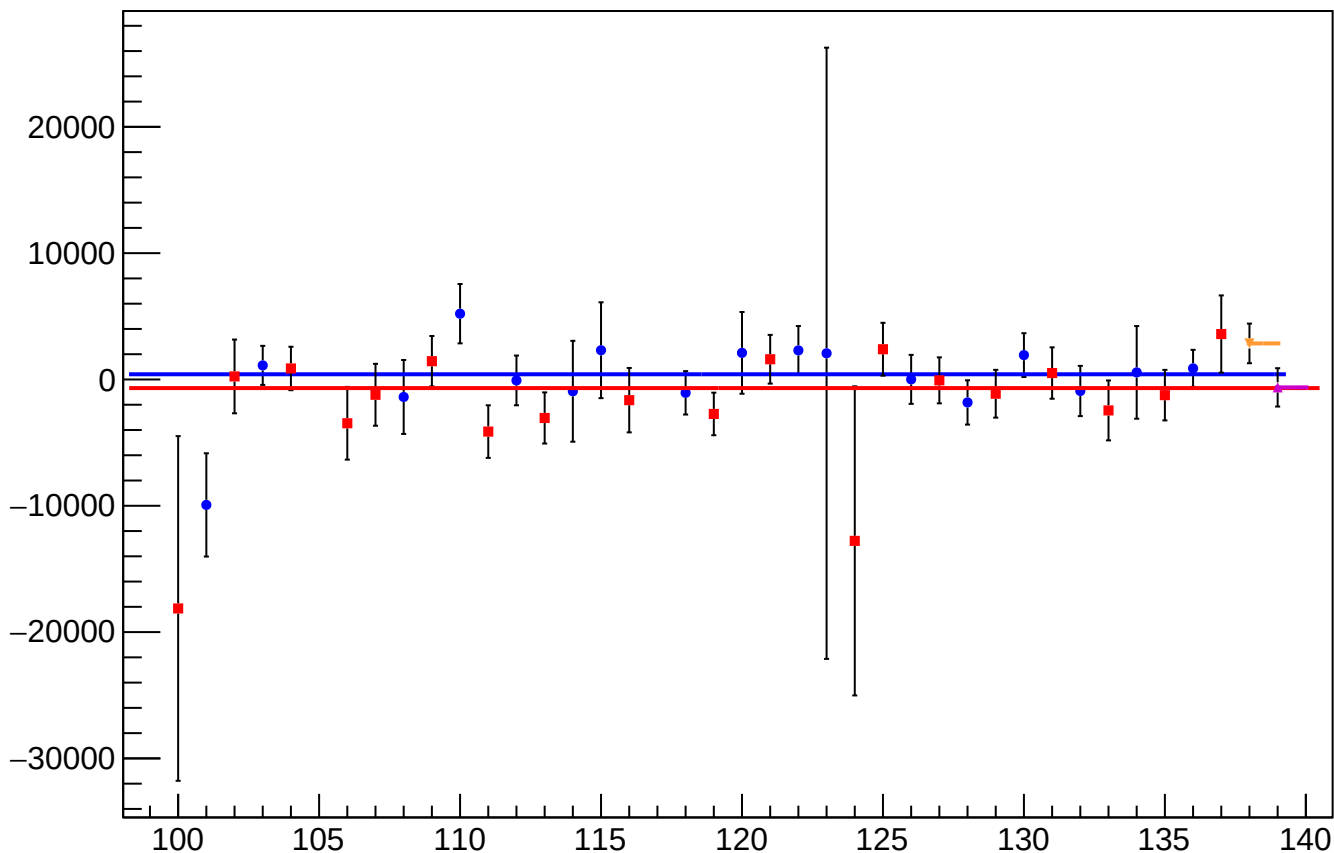
Right: 3663.316+/-0.714 χ^2/NDF : 932858.8/35

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

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

All: 3734.006+/-0.691 χ^2/NDF : 1091860.3/37

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 411.419 $\pm$ 527.980 χ^2 /NDF: 16.5/16

Left Out: 2854.037 $\pm$ 1568.060 χ^2 /NDF:0.0/0

Right Out: -682.176 $\pm$ 510.196 χ^2 /NDF: 18.0/18

Left In: -625.757 $\pm$ 1517.901 χ^2 /NDF:0.0/0

Left: 1057.594 $\pm$ 1090.620 χ^2 /NDF: 2.5/1

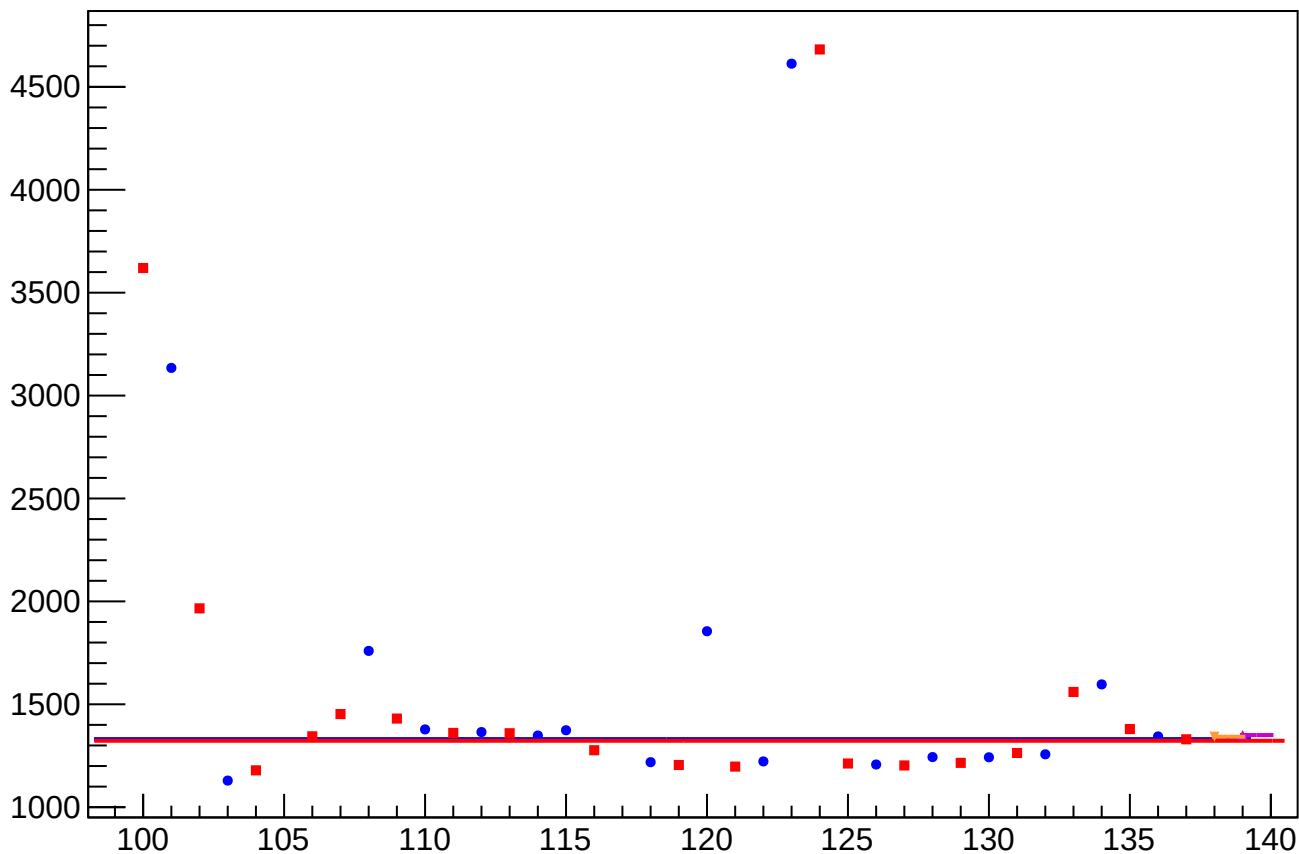
Right: -154.107 $\pm$ 366.889 χ^2 /NDF: 36.8/35

In: 299.476 $\pm$ 498.674 χ^2 /NDF:16.9/17

Out: -343.655 $\pm$ 485.161 χ^2 /NDF:22.6/19

All: -30.922 $\pm$ 347.740 χ^2 /NDF: 40.4/37

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: 1350.581+/-1.073 χ^2/NDF : 0.0/0

Left: 1346.604+/-0.771 χ^2/NDF : 28.4/1

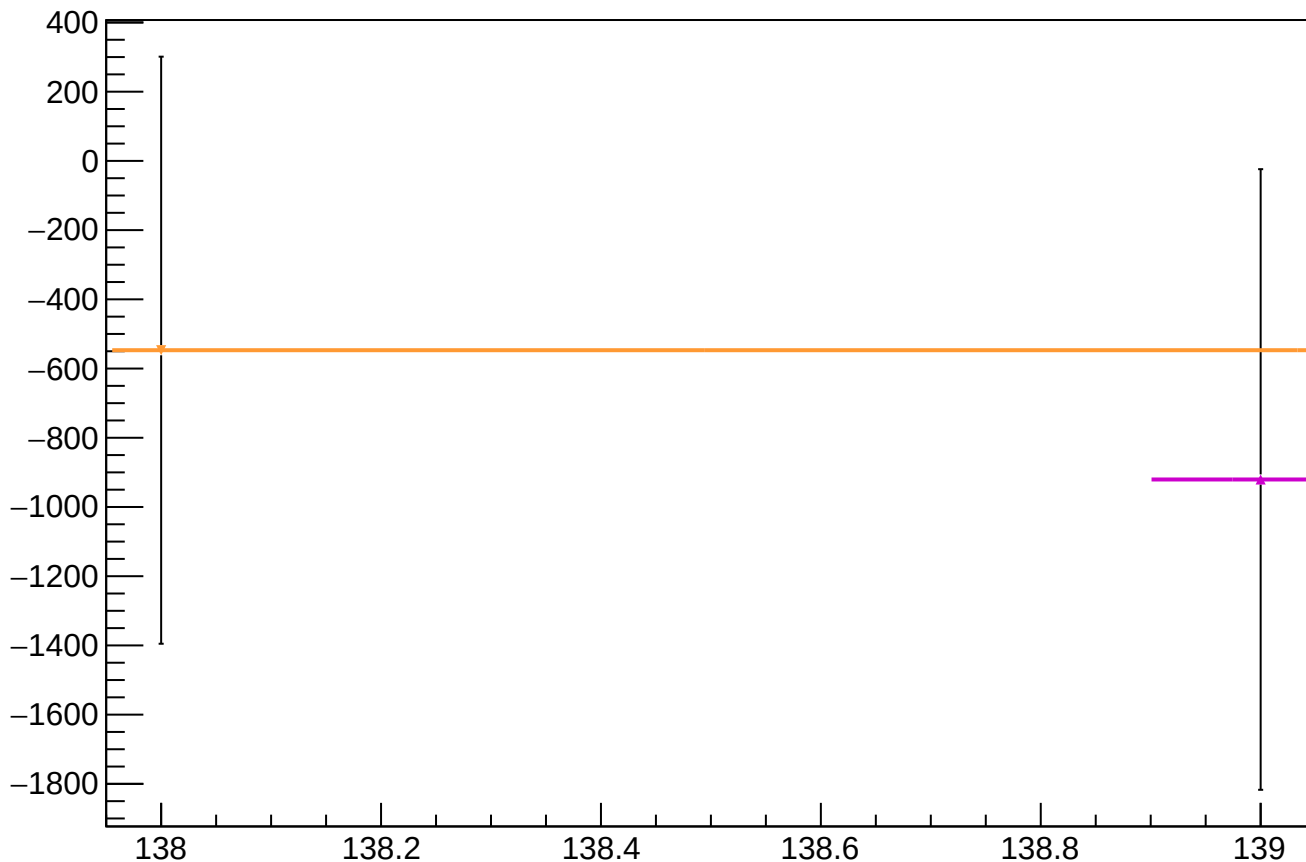
Right: 1326.657+/-0.259 χ^2/NDF : 998136.6/35

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

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

All: 1328.685+/-0.246 χ^2/NDF : 998765.9/37

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: -920.530+/-896.642 χ^2/NDF : 0.0/0

Left: -723.392+/-616.168 χ^2/NDF : 0.1/1

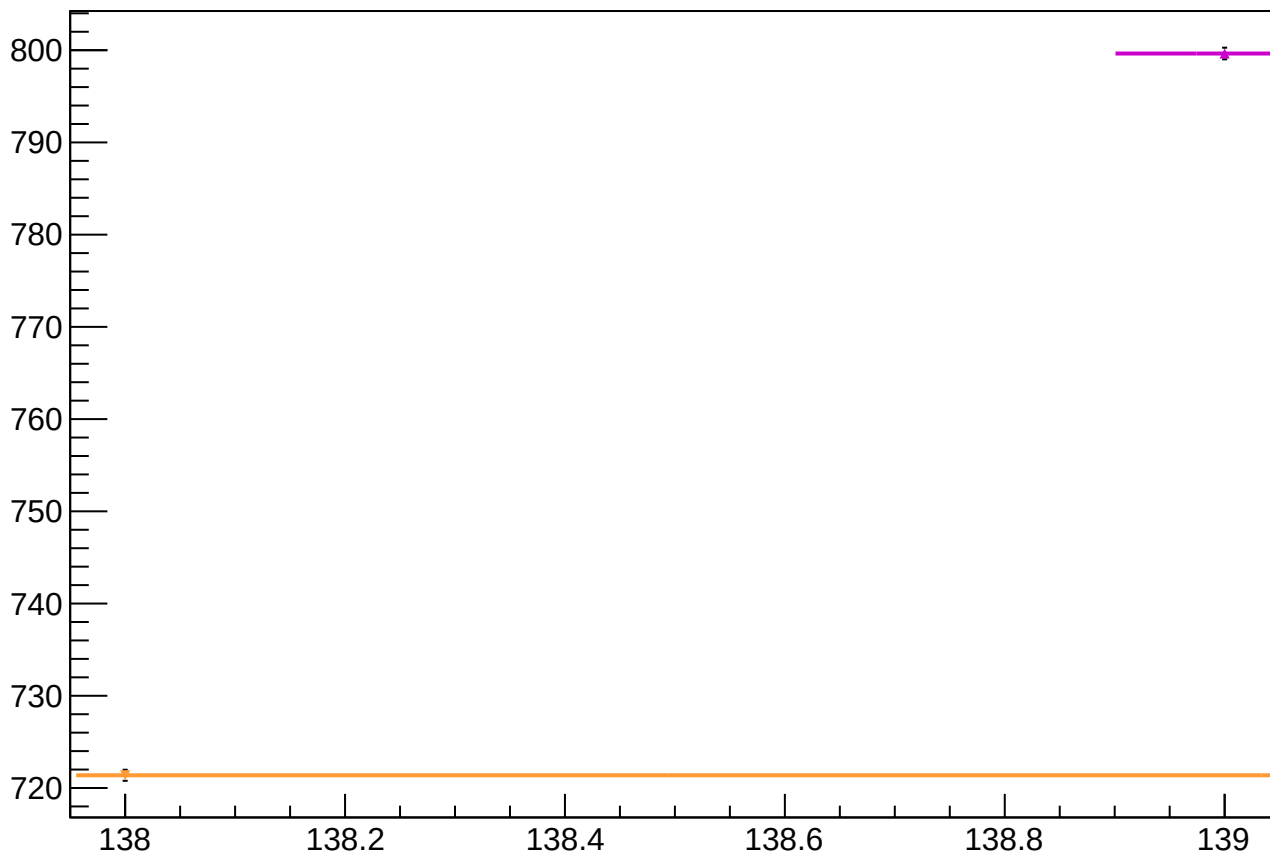
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

All: -723.392+/-616.168 χ^2/NDF : 0.1/1

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: 799.640 +/- 0.634 χ^2/NDF : 0.0/0

Left: 758.338 +/- 0.436 χ^2/NDF : 8041.0/1

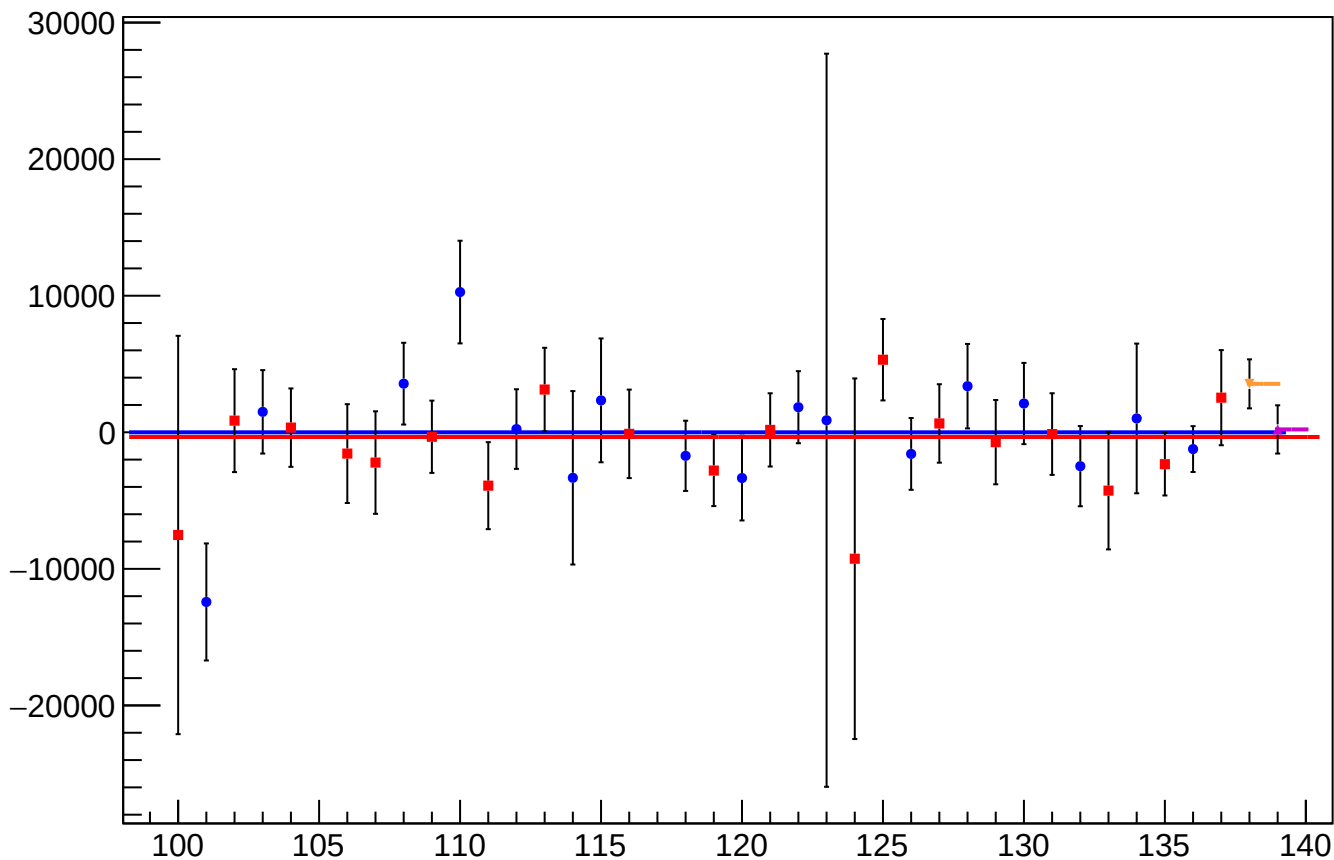
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 799.640 +/- 0.634 χ^2/NDF : 0.0/0

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

All: 758.338 +/- 0.436 χ^2/NDF : 8041.0/1

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: 210.402 ± 1766.425 χ^2/NDF : 0.0/0

Left: 1851.916 ± 1258.966 χ^2/NDF : 1.8/1

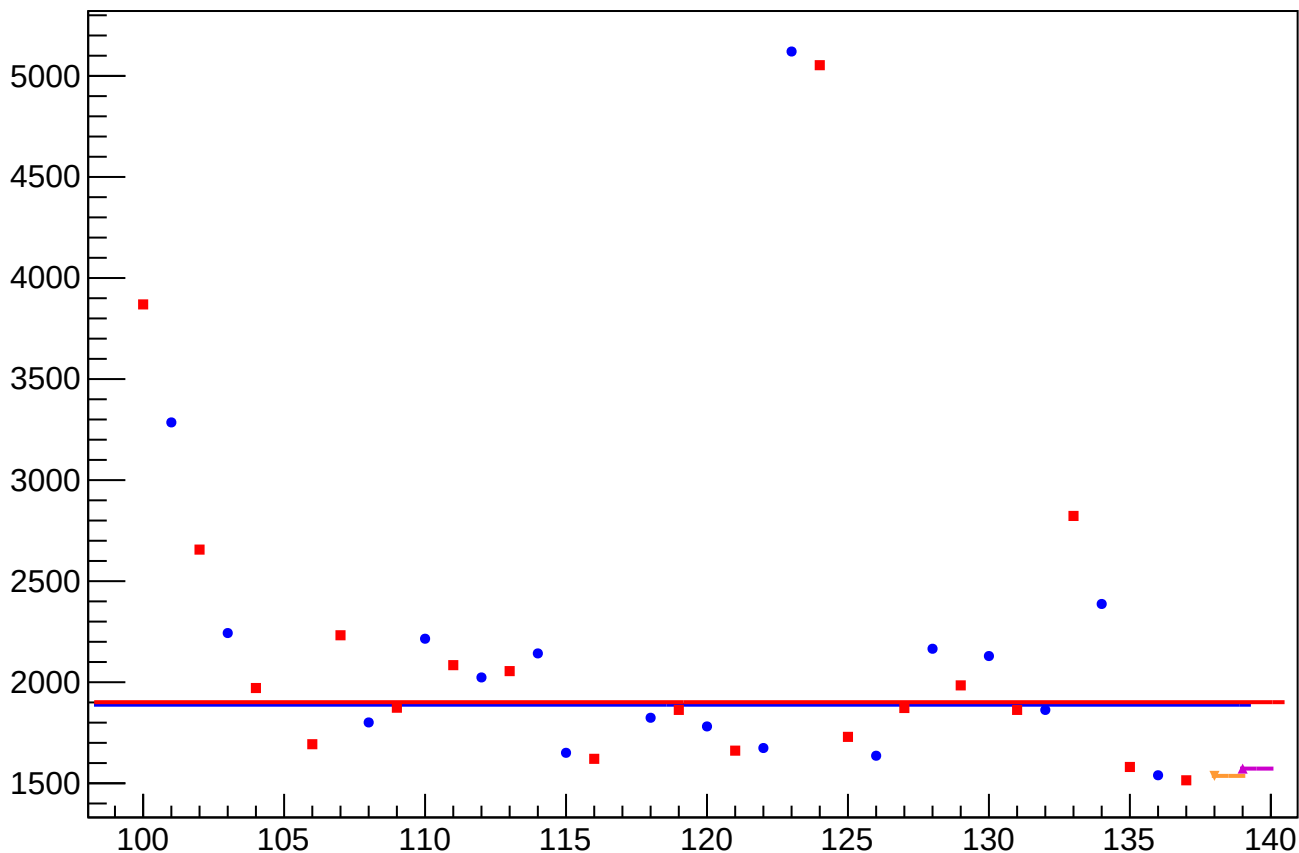
Right: -176.305 ± 522.783 χ^2/NDF : 34.3/35

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

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

All: 121.988 ± 482.812 χ^2/NDF : 38.3/37

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: 1572.618+/-1.249 χ^2/NDF : 0.0/0

Left: 1554.877+/-0.890 χ^2/NDF : 410.0/1

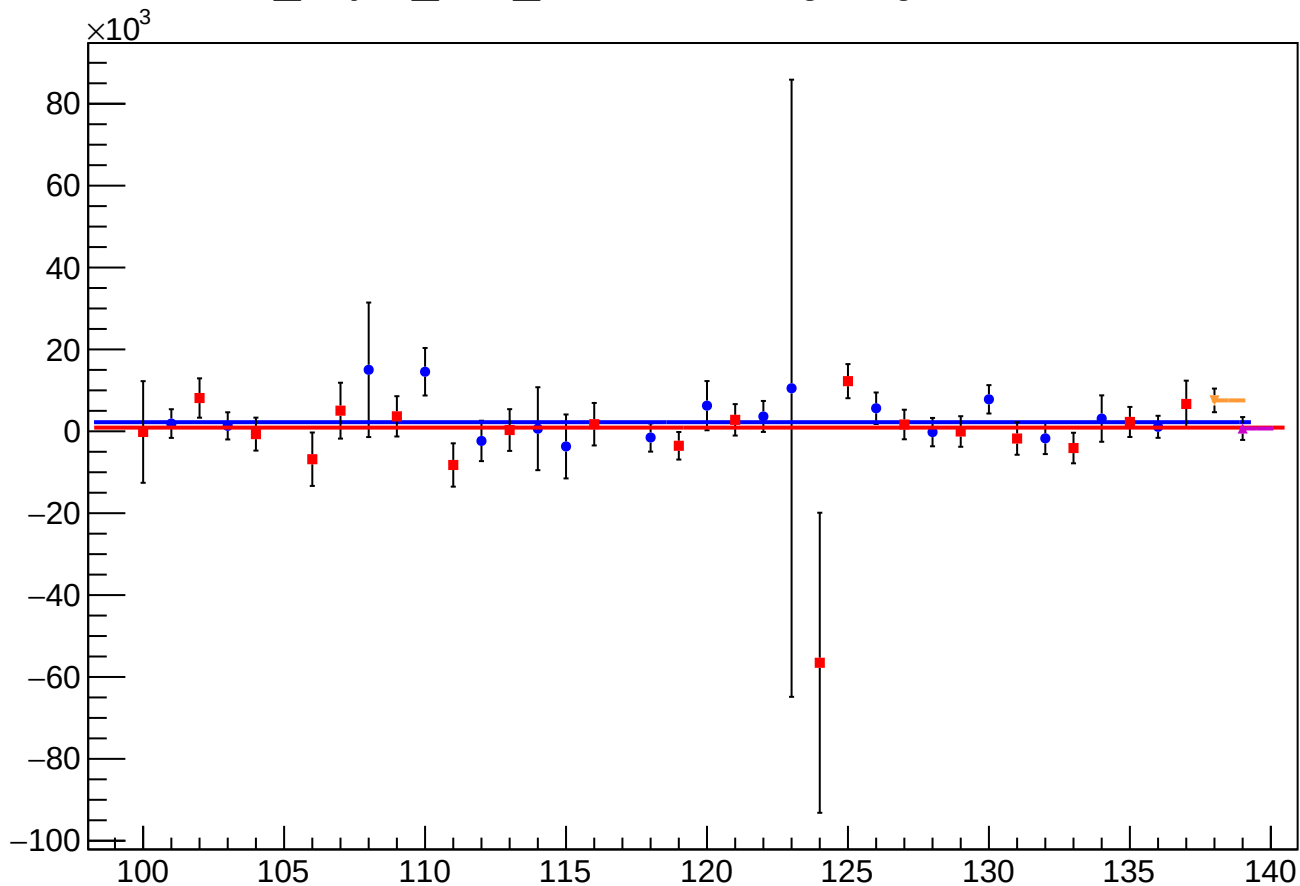
Right: 1895.125+/-0.370 χ^2/NDF : 927550.0/35

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

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

All: 1845.085+/-0.341 χ^2/NDF : 1052556.9/37

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: 687.320+/-2790.169 χ^2/NDF : 0.0/0

Left: 4004.190+/-2005.822 χ^2/NDF : 2.9/1

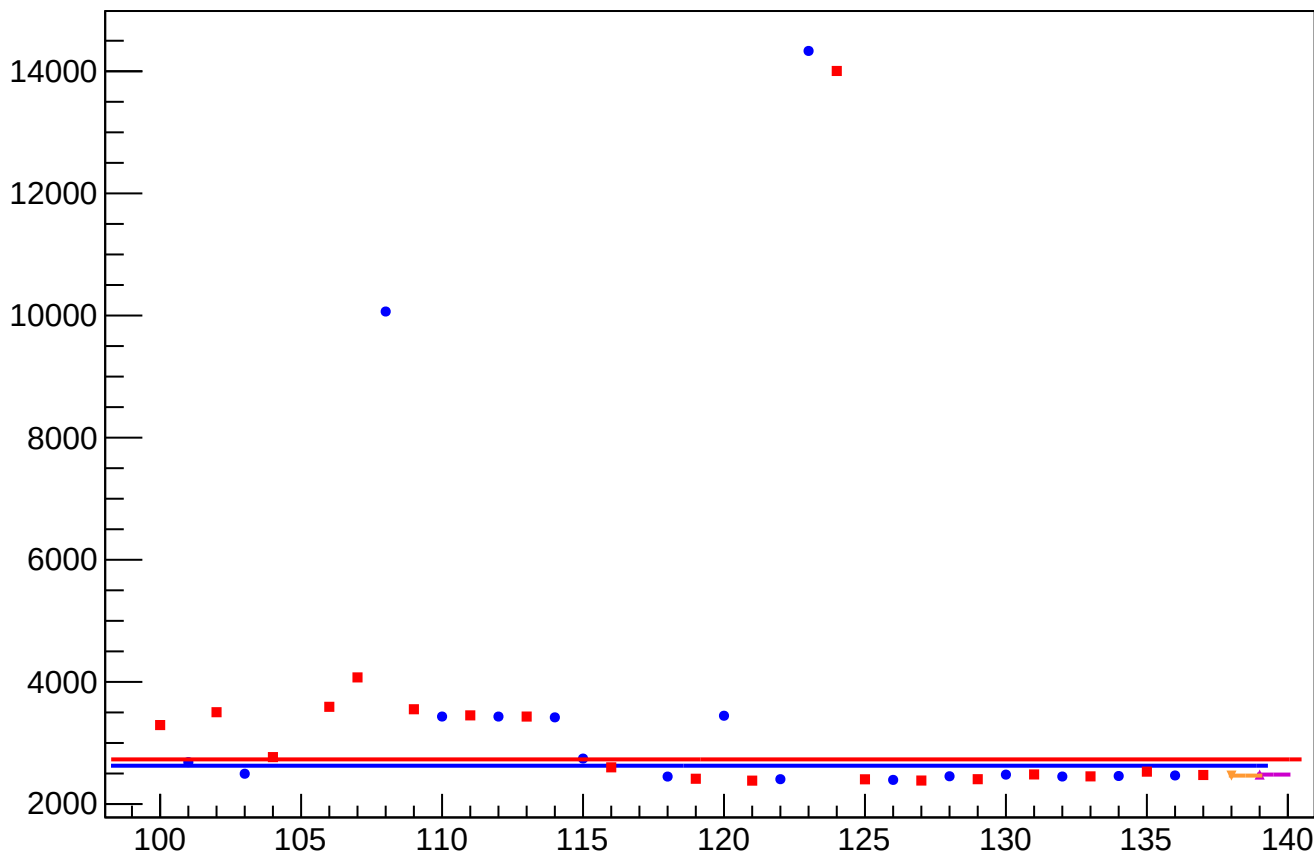
Right: 1572.479+/-737.556 χ^2/NDF : 37.3/35

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

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

All: 1862.108+/-692.241 χ^2/NDF : 41.5/37

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: 2482.470+/-1.973 χ^2/NDF : 0.0/0

Left: 2474.376+/-1.418 χ^2/NDF : 34.8/1

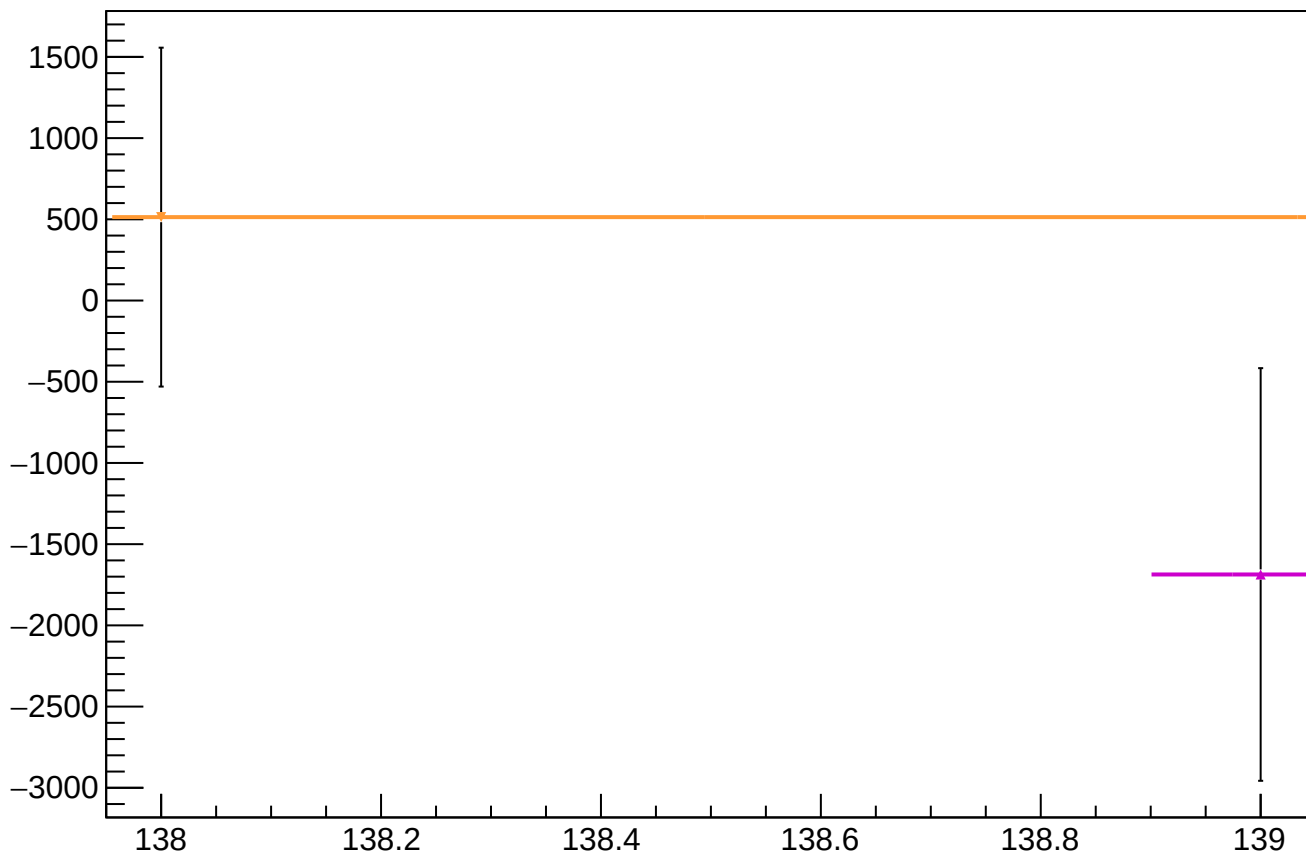
Right: 2679.043+/-0.522 χ^2/NDF : 1252488.0/35

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

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

All: 2654.666+/-0.489 χ^2/NDF : 1270865.6/37

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: -1686.596+/-1270.320 χ^2 /NDF:0.0/0

Left: -372.683+/-806.236 χ^2 /NDF: 1.8/1

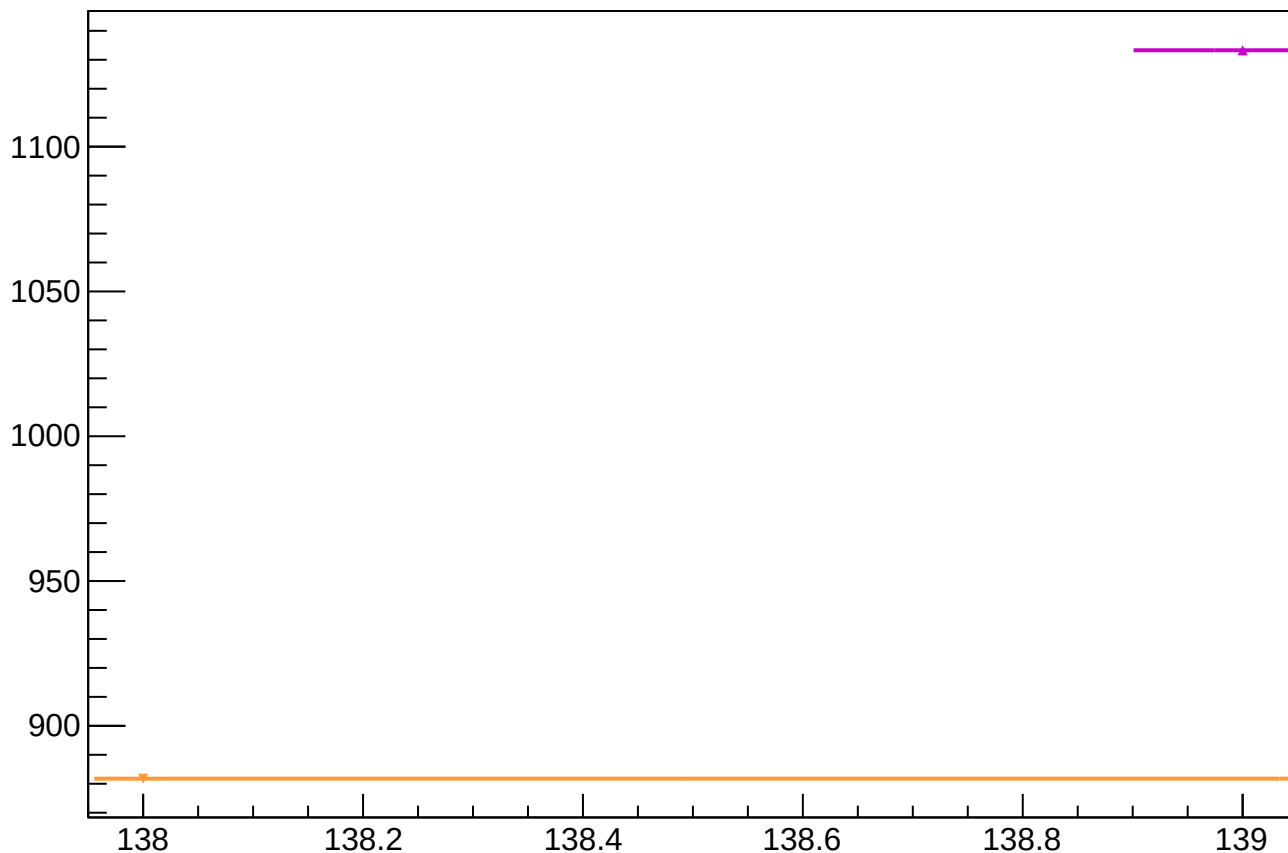
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

All: -372.683+/-806.236 χ^2 /NDF: 1.8/1

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: 1133.283+/-0.898 χ^2/NDF : 0.0/0

Left: 983.073+/-0.570 χ^2/NDF : 46826.2/1

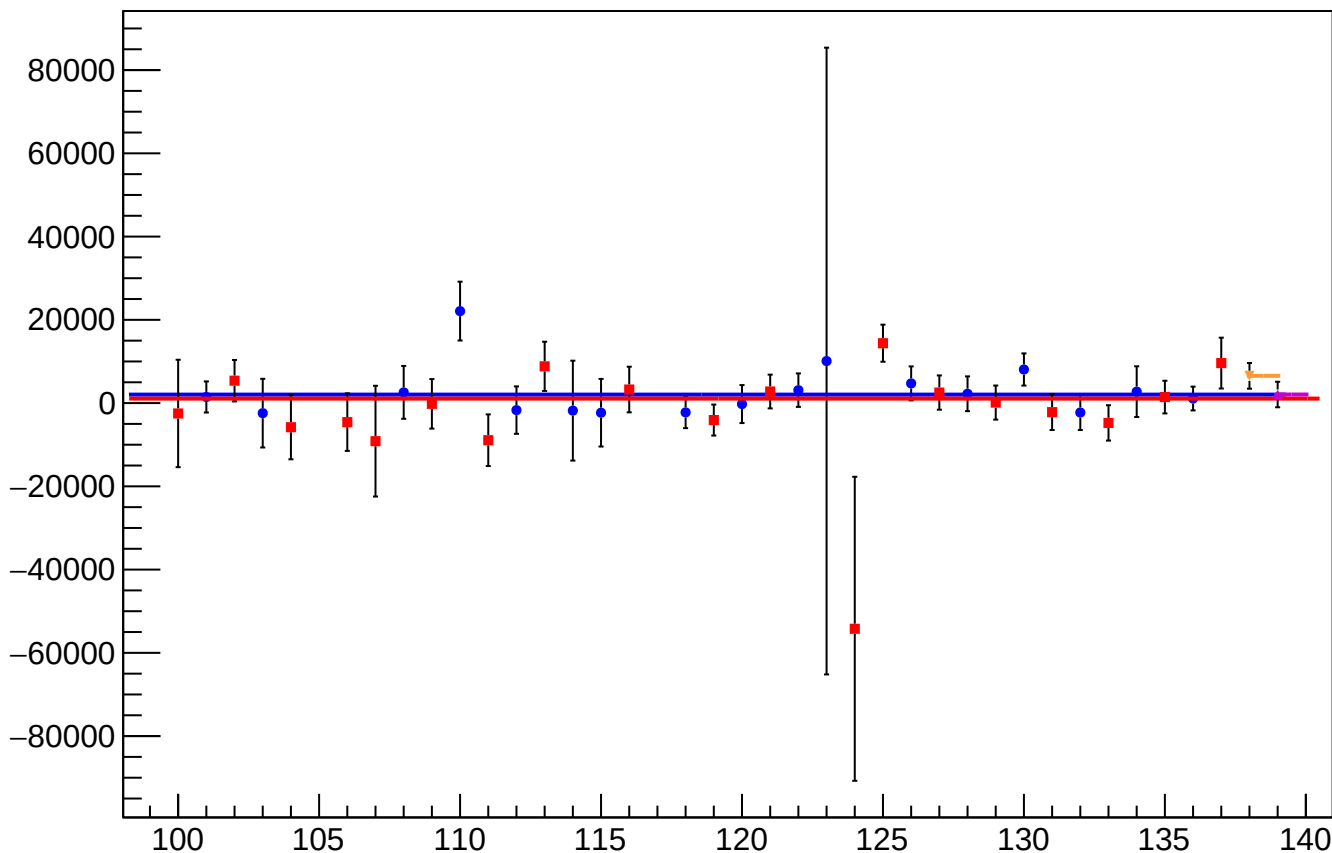
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1133.283+/-0.898 χ^2/NDF : 0.0/0

Out: 881.756+/-0.738 χ^2/NDF : 0.0/0

All: 983.073+/-0.570 χ^2/NDF : 46826.2/1

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: 2060.230+/-3065.548 χ^2/NDF : 0.0/0

Left: 4282.734+/-2177.570 χ^2/NDF : 1.1/1

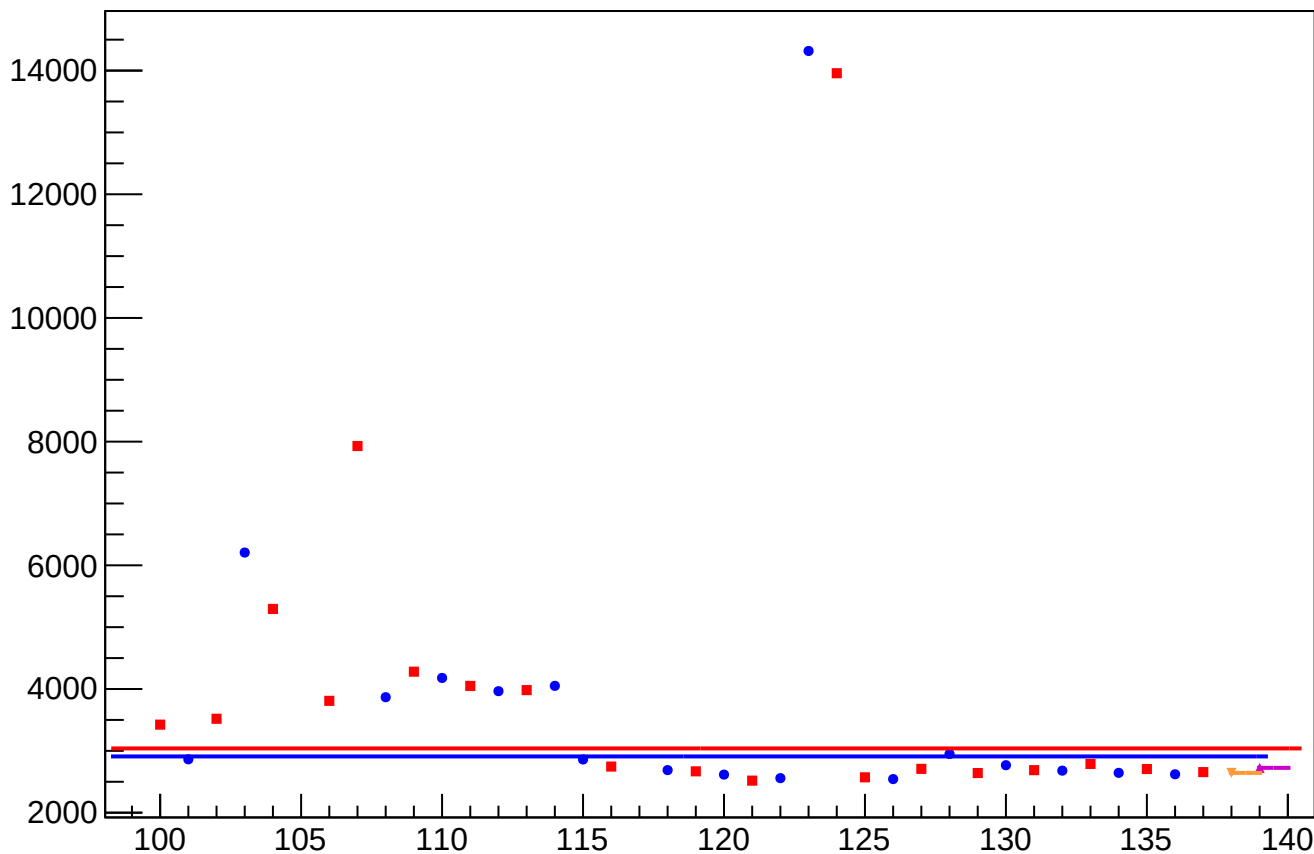
Right: 1573.398+/-826.356 χ^2/NDF : 40.5/35

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

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

All: 1914.452+/-772.596 χ^2/NDF : 42.9/37

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: 2725.049+/-2.168 χ^2/NDF : 0.0/0

Left: 2684.748+/-1.540 χ^2/NDF : 697.7/1

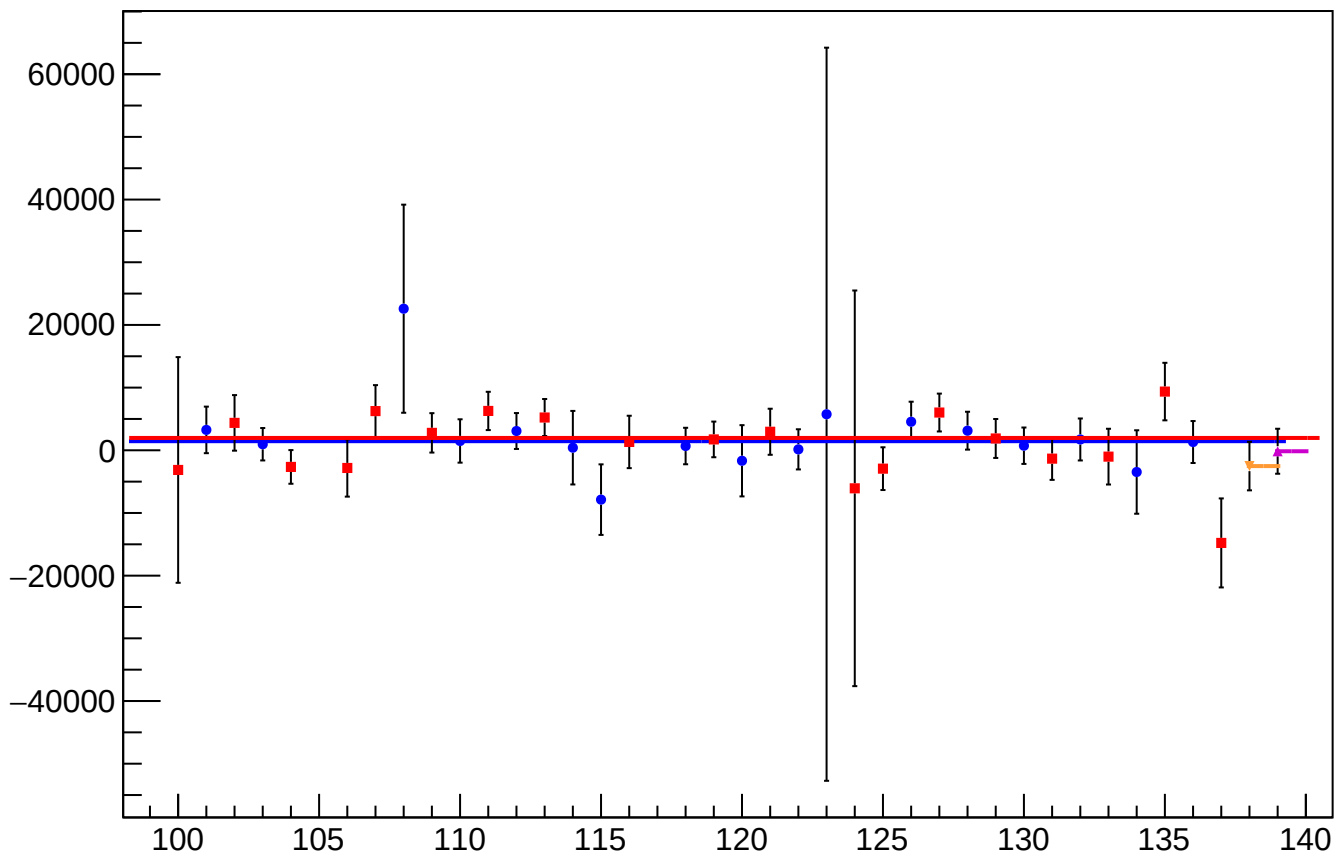
Right: 2972.475+/-0.584 χ^2/NDF : 1665447.8/35

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

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

All: 2936.256+/-0.546 χ^2/NDF : 1696667.7/37

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: -152.643+/-3588.269 χ^2/NDF : 0.0/0

Left: -1246.858+/-2631.546 χ^2/NDF : 0.2/1

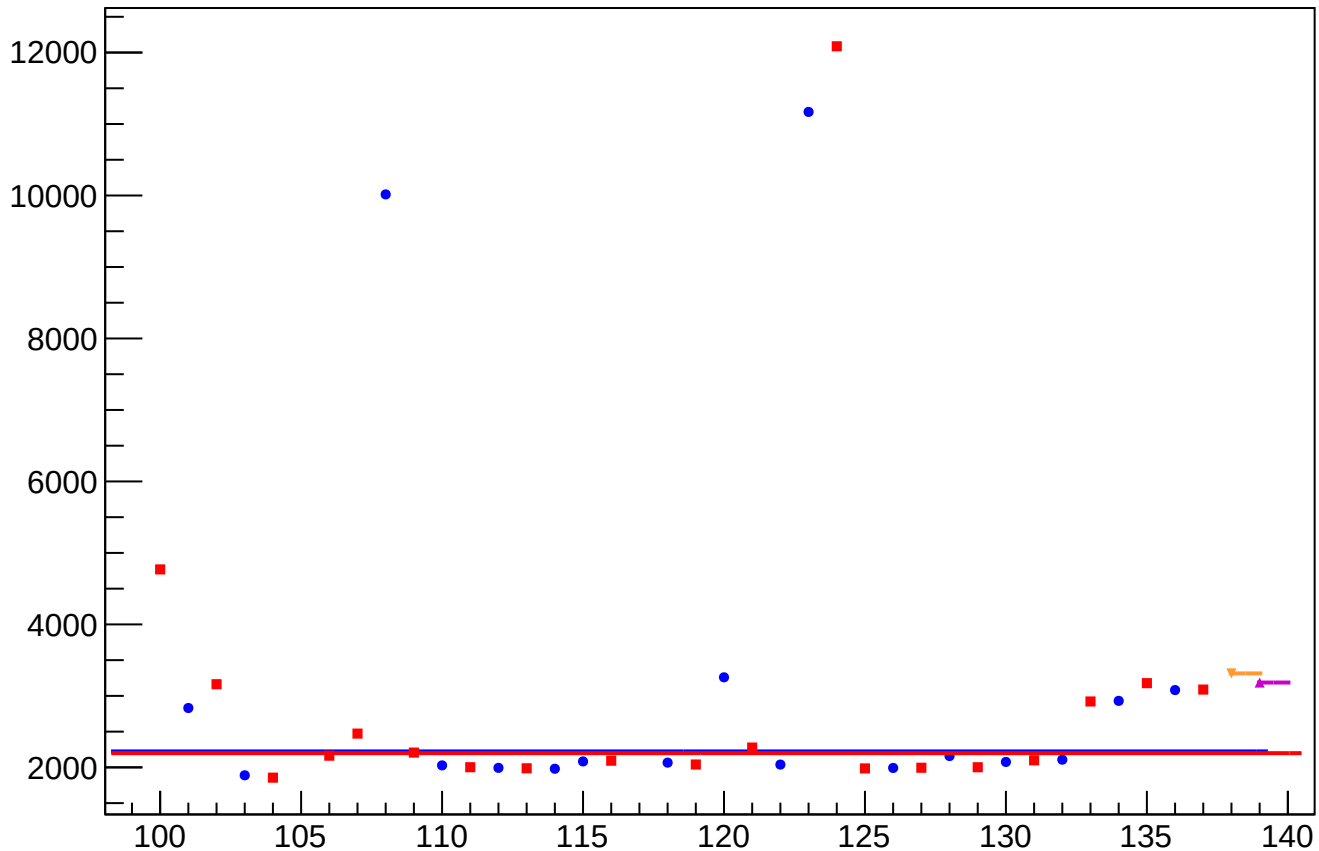
Right: 1722.028+/-614.553 χ^2/NDF : 30.0/35

In: 1359.181+/-862.919 χ^2/NDF : 7.6/17

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

All: 1568.485+/-598.451 χ^2/NDF : 31.4/37

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: 3186.746 ± 2.537 $\chi^2/\text{NDF}: 0.0/0$

Left: 3245.710 ± 1.861 $\chi^2/\text{NDF}: 1168.5/1$

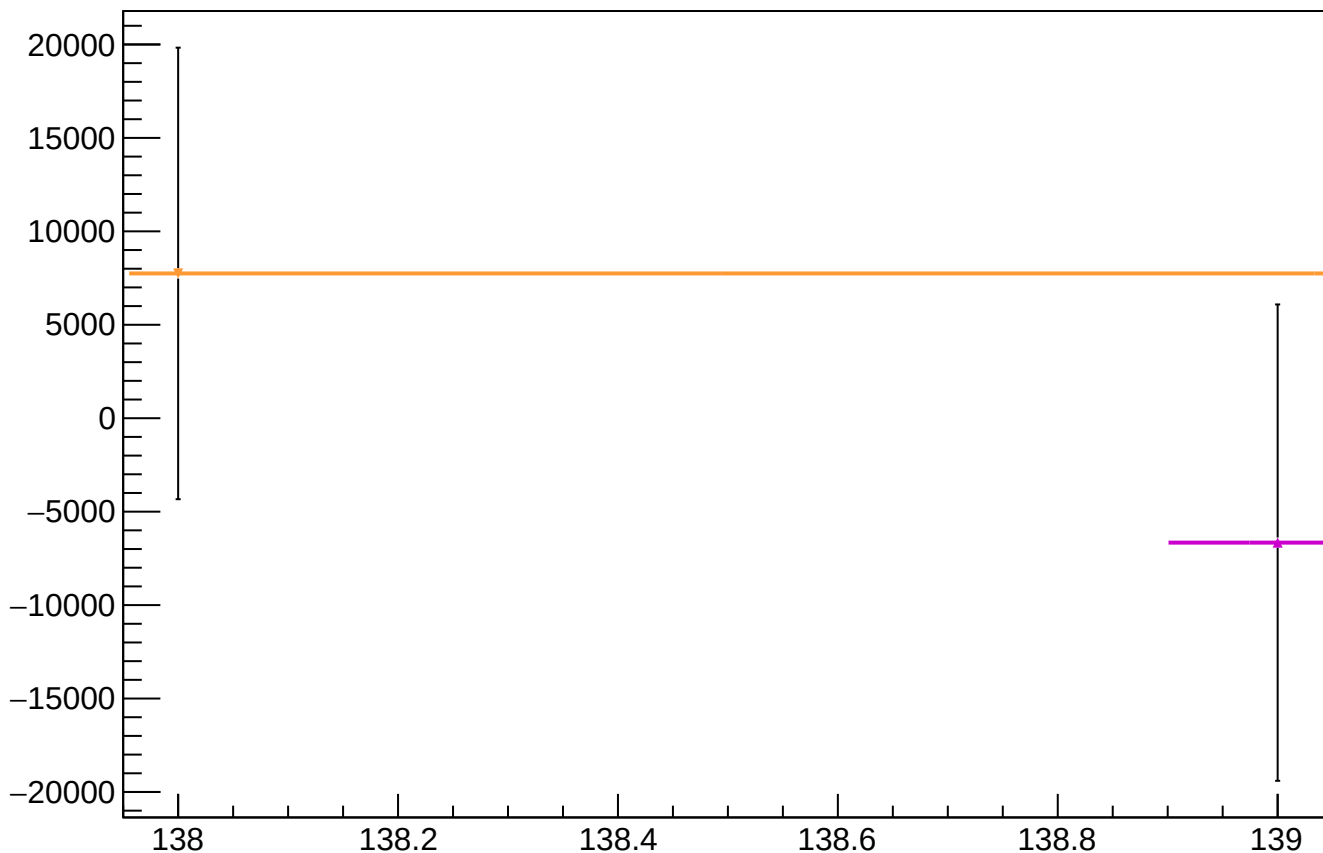
Right: 2210.398 ± 0.434 $\chi^2/\text{NDF}: 1453492.9/35$

In: 2278.860 ± 0.610 $\chi^2/\text{NDF}: 986181.8/17$

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

All: 2263.903 ± 0.423 $\chi^2/\text{NDF}: 1748227.6/37$

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: -6656.763+/-12745.286 χ^2/NDF : 0.0/0

Left: 930.710+/-8767.948 χ^2/NDF : 0.7/1

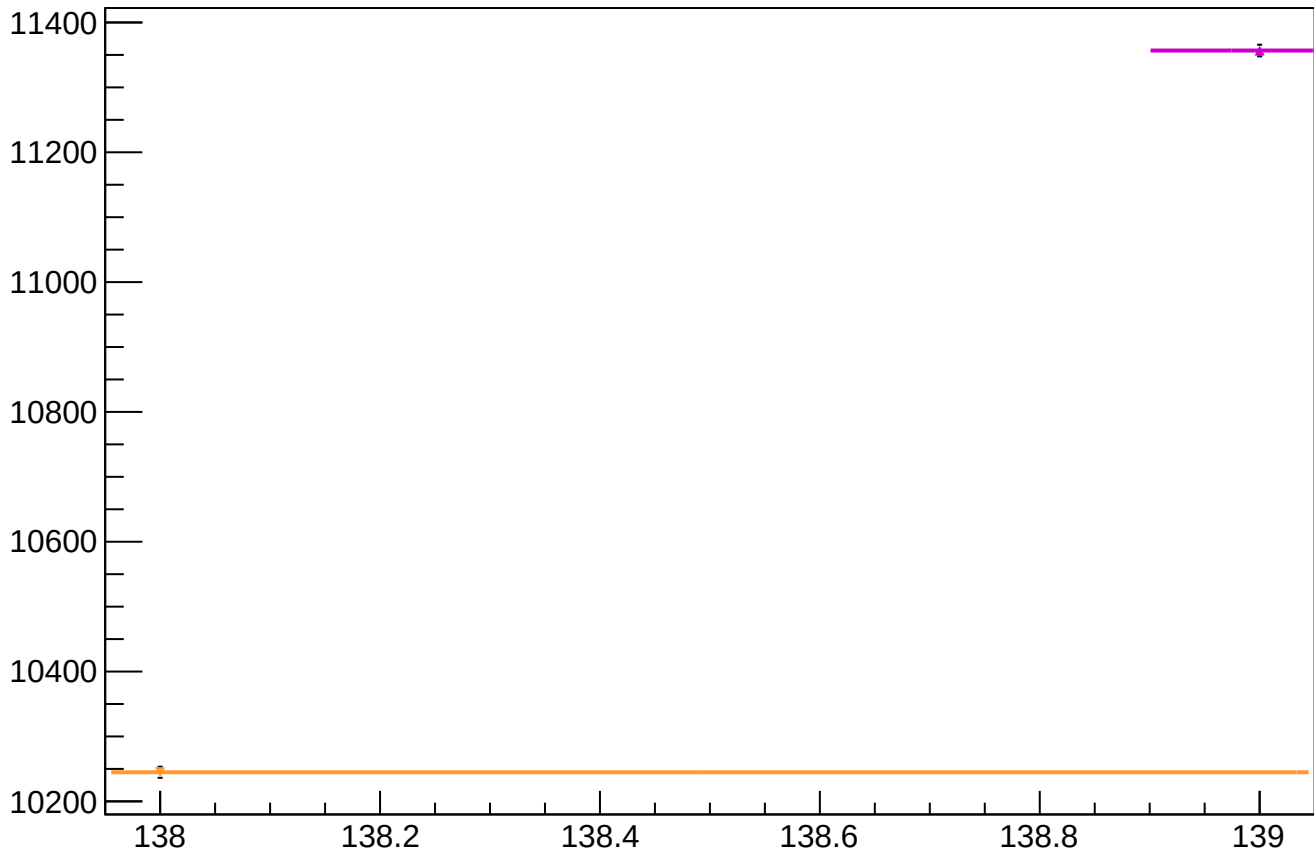
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6656.763+/-12745.286 χ^2/NDF : 0.0/0

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

All: 930.710+/-8767.948 χ^2/NDF : 0.7/1

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: 11356.788+/-9.012 χ^2 /NDF:0.0/0

Left: 10771.082+/-6.200 χ^2 /NDF: 8018.5/1

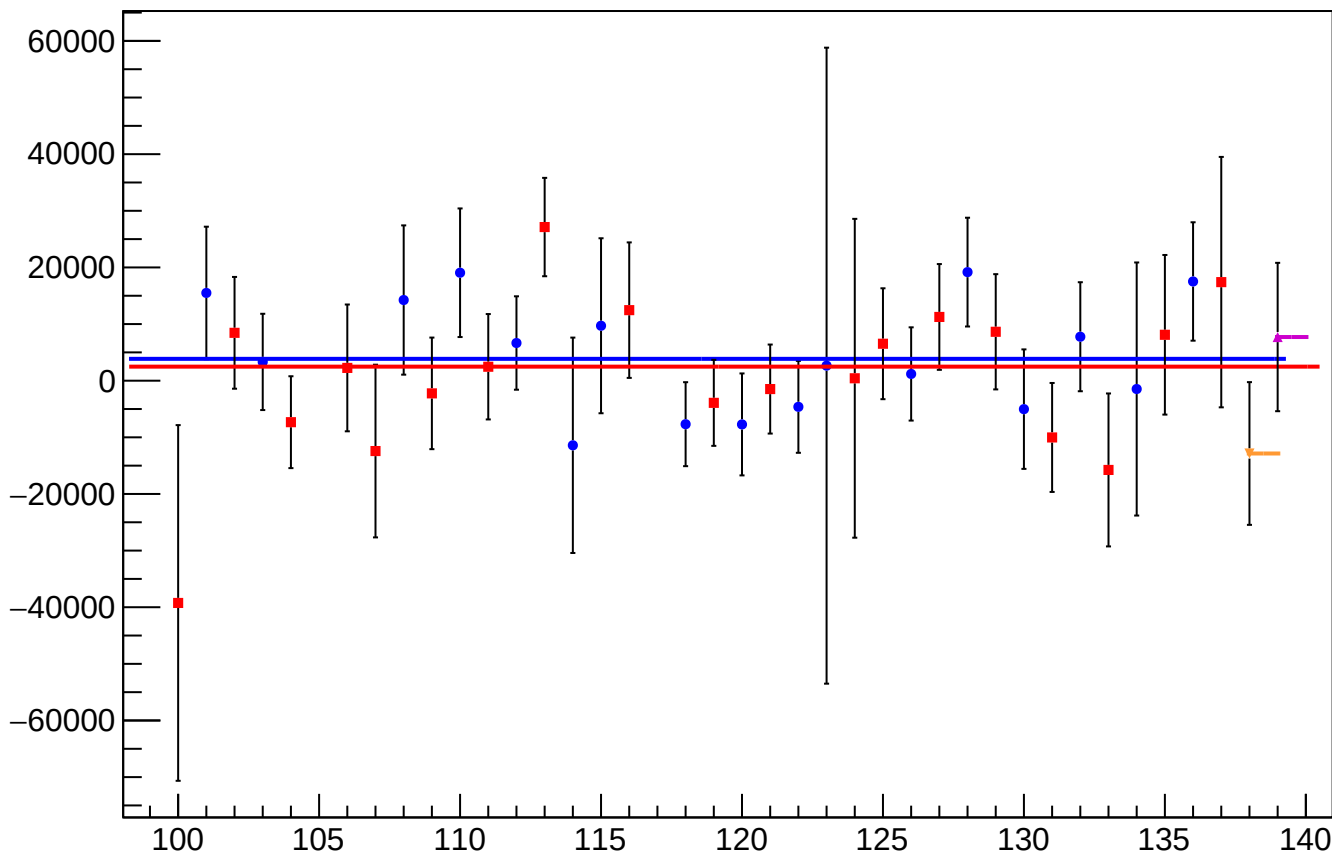
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 11356.788+/-9.012 χ^2 /NDF:0.0/0

Out: 10244.850+/-8.542 χ^2 /NDF:0.0/0

All: 10771.082+/-6.200 χ^2 /NDF: 8018.5/1

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: 7712.207+/-13098.791 χ^2/NDF : 0.0/0

Left: -2969.607+/-9081.221 χ^2/NDF : 1.3/1

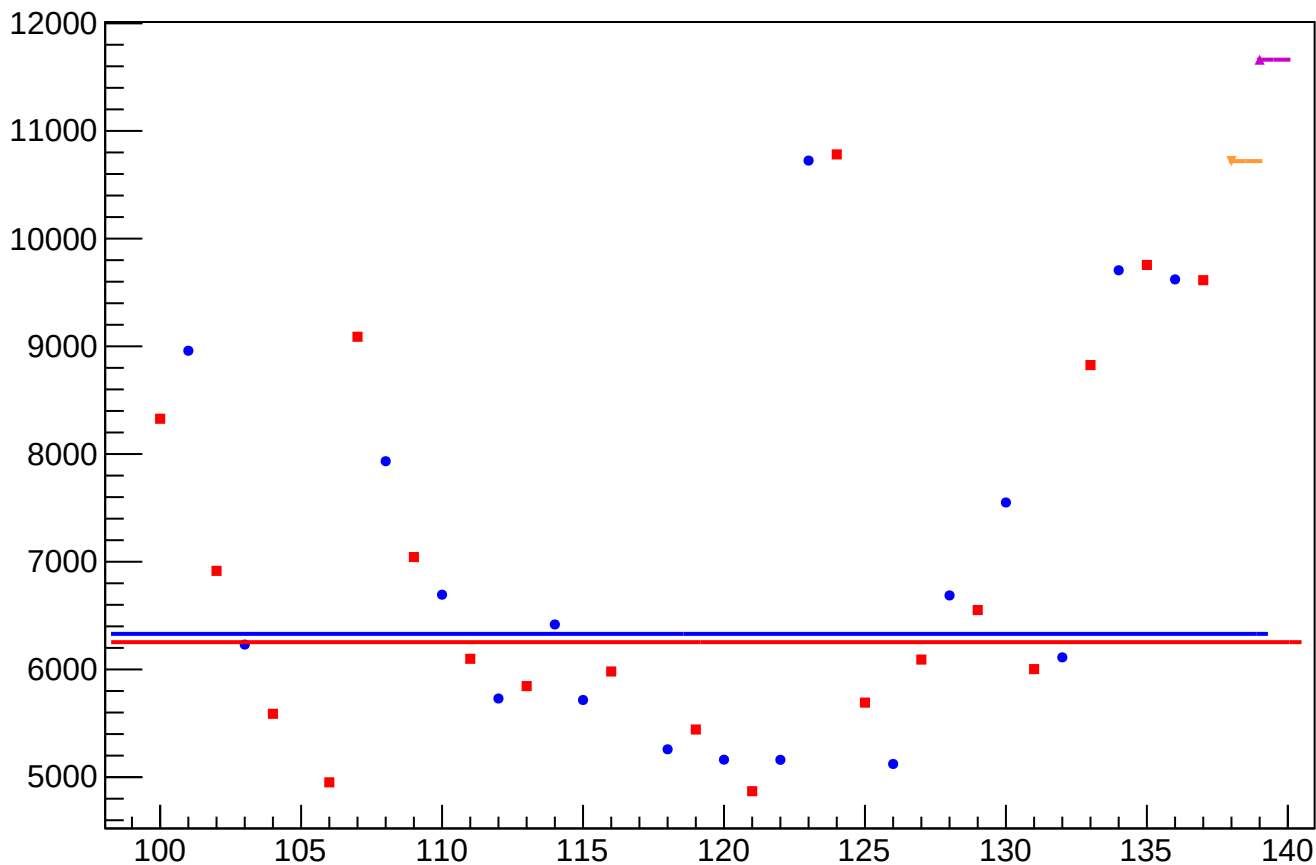
Right: 3146.972+/-1742.228 χ^2/NDF : 35.0/35

In: 3996.180+/-2463.996 χ^2/NDF : 14.8/17

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

All: 2929.836+/-1711.024 χ^2/NDF : 36.7/37

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: 11661.474+/-9.262 χ^2/NDF : 0.0/0

Left: 11172.408+/-6.421 χ^2/NDF : 5368.3/1

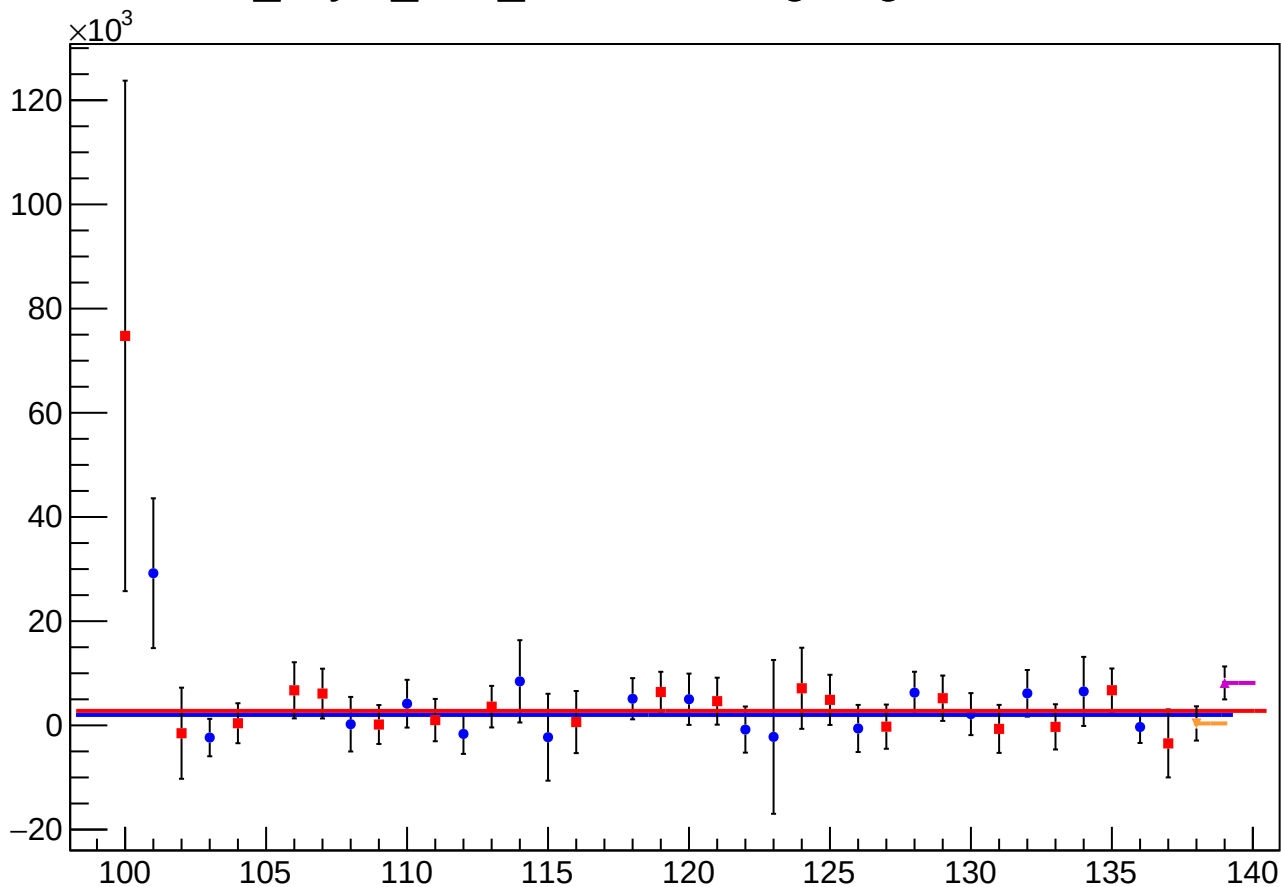
Right: 6290.444+/-1.232 χ^2/NDF : 1129725.5/35

In: 6518.933+/-1.742 χ^2/NDF : 912967.7/17

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

All: 6463.743+/-1.210 χ^2/NDF : 1692579.6/37

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383 $\pm$ 1134.240 χ^2/NDF : 12.1/16

Left Out: 371.967 $\pm$ 3289.294 χ^2/NDF : 0.0/0

Right Out: 2781.006 $\pm$ 1086.164 χ^2/NDF : 9.9/18

Left In: 8147.617 $\pm$ 3161.833 χ^2/NDF : 0.0/0

Left: 4413.362 $\pm$ 2279.483 χ^2/NDF : 2.9/1

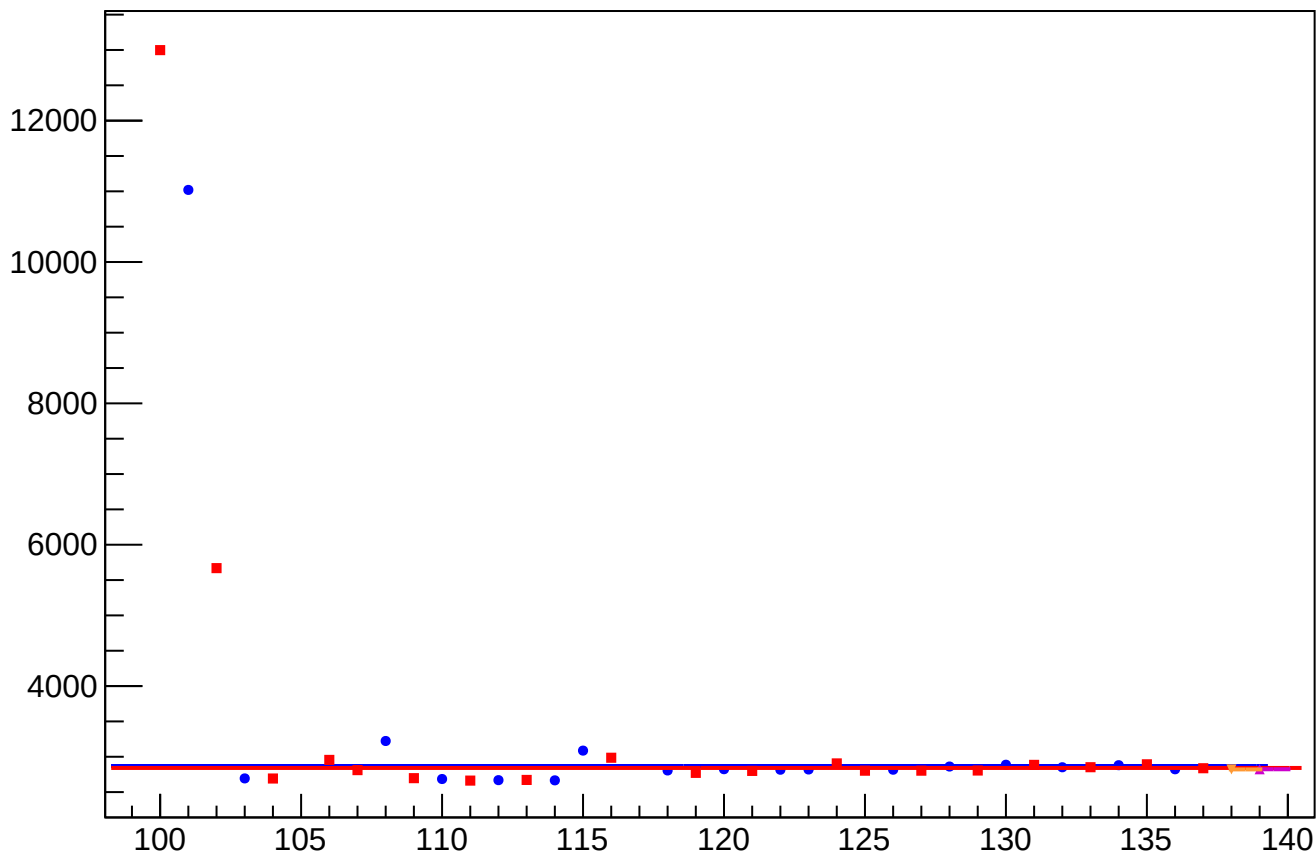
Right: 2409.980 $\pm$ 784.479 χ^2/NDF : 22.2/35

In: 2705.684 $\pm$ 1067.624 χ^2/NDF : 15.4/17

Out: 2544.151 $\pm$ 1031.387 χ^2/NDF : 10.4/19

All: 2622.130 $\pm$ 741.781 χ^2/NDF : 25.8/37

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

Left Out: 2821.010+/-2.326 χ^2/NDF :0.0/0

Right Out: 2841.561+/-0.768 χ^2/NDF : 312523.0/18

Left In: 2823.090+/-2.236 χ^2/NDF :0.0/0

Left: 2822.091+/-1.612 χ^2/NDF : 0.4/1

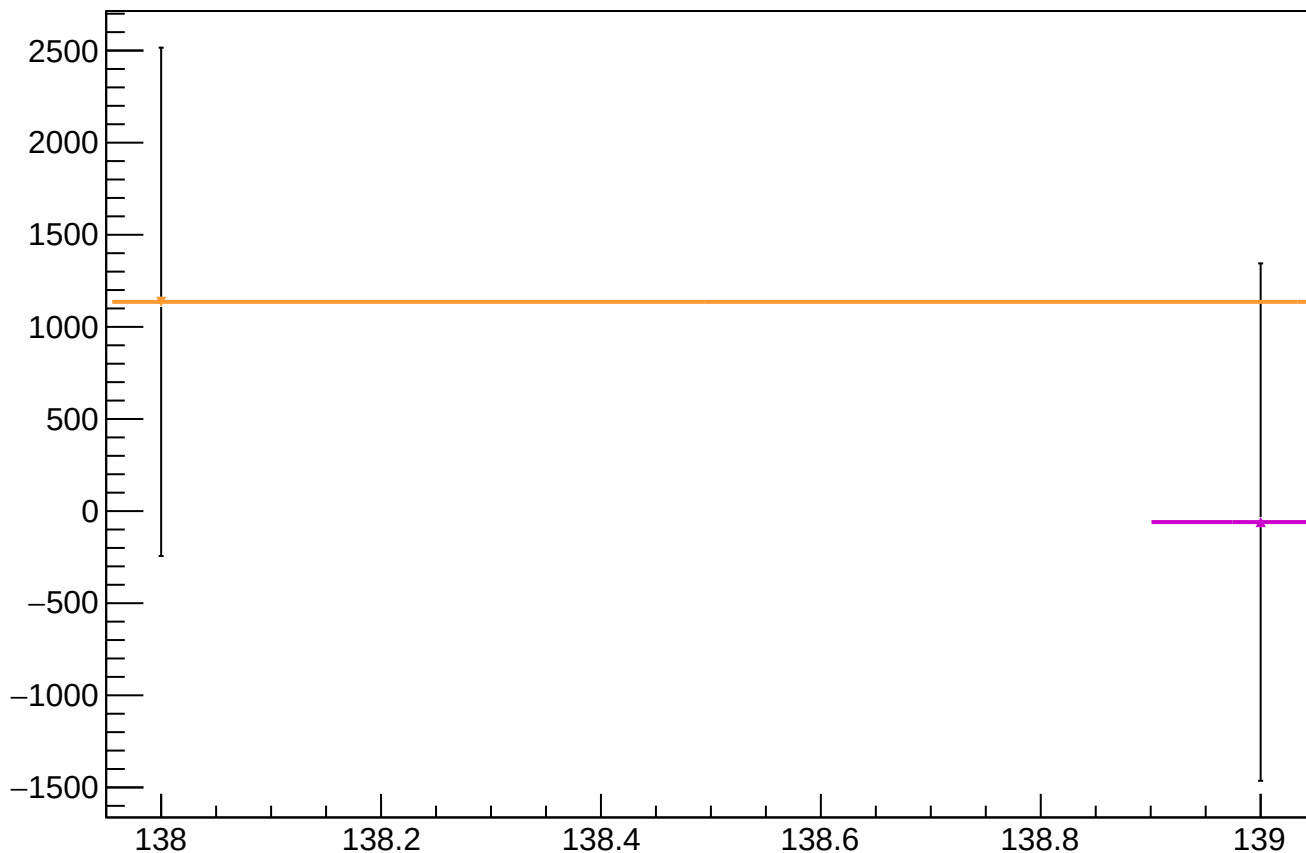
Right: 2854.781+/-0.555 χ^2/NDF : 983042.8/35

In: 2863.940+/-0.755 χ^2/NDF :670277.3/17

Out: 2839.540+/-0.729 χ^2/NDF :312593.4/19

All: 2851.319+/-0.525 χ^2/NDF : 983411.0/37

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: -59.710+/-1404.349 χ^2/NDF : 0.0/0

Left: 548.560+/-984.253 χ^2/NDF : 0.4/1

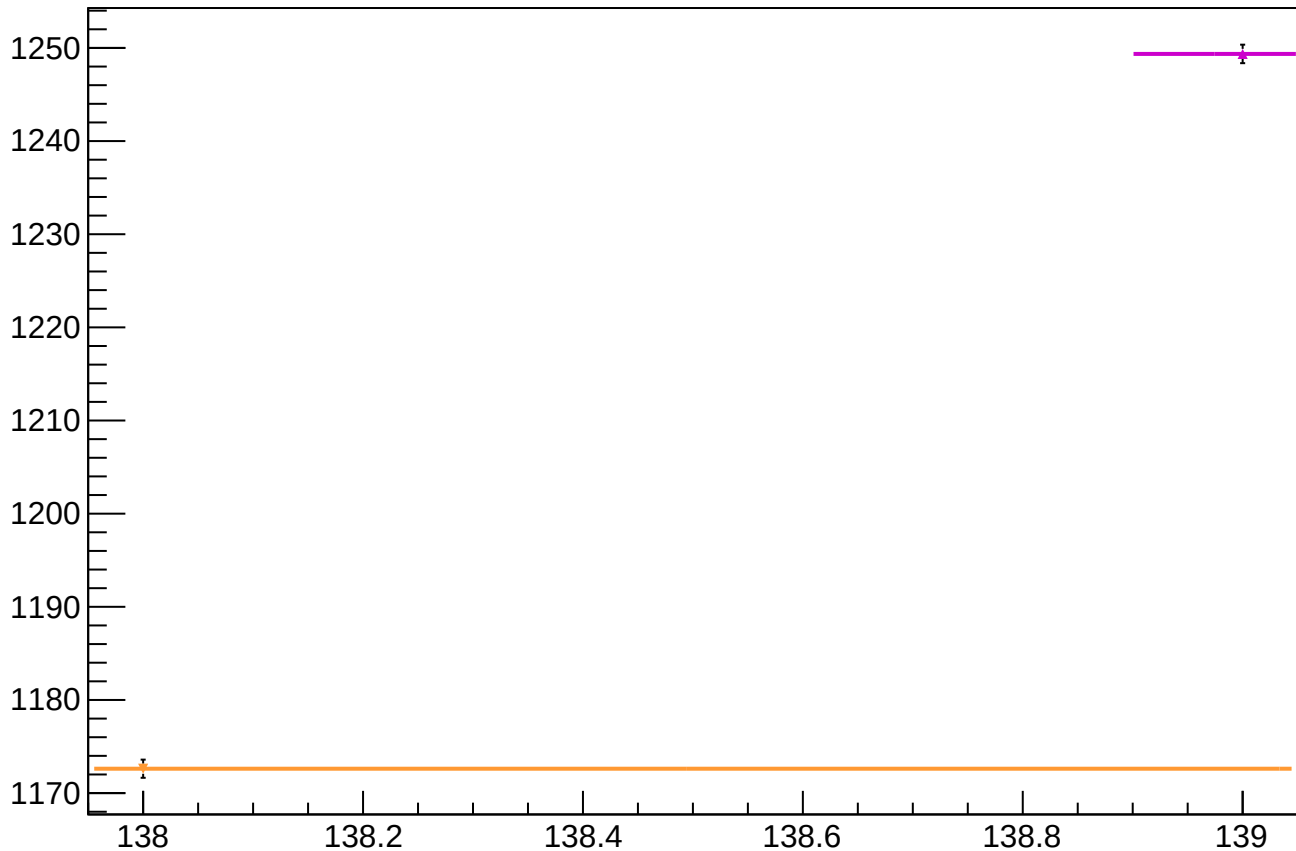
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -59.710+/-1404.349 χ^2/NDF : 0.0/0

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

All: 548.560+/-984.253 χ^2/NDF : 0.4/1

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: 1249.357+/-0.993 χ^2/NDF : 0.0/0

Left: 1210.313+/-0.696 χ^2/NDF : 3038.3/1

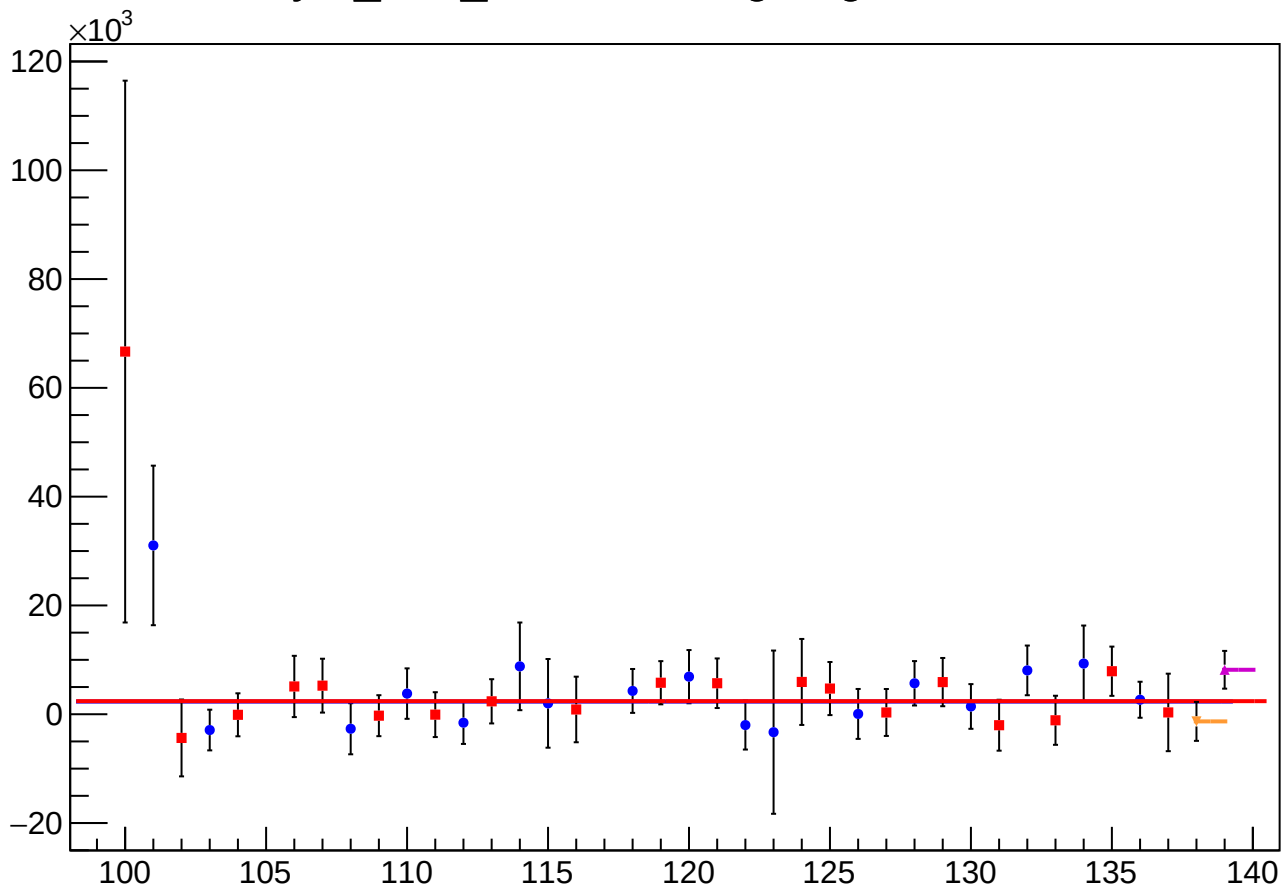
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1249.357+/-0.993 χ^2/NDF : 0.0/0

Out: 1172.619+/-0.976 χ^2/NDF : 0.0/0

All: 1210.313+/-0.696 χ^2/NDF : 3038.3/1

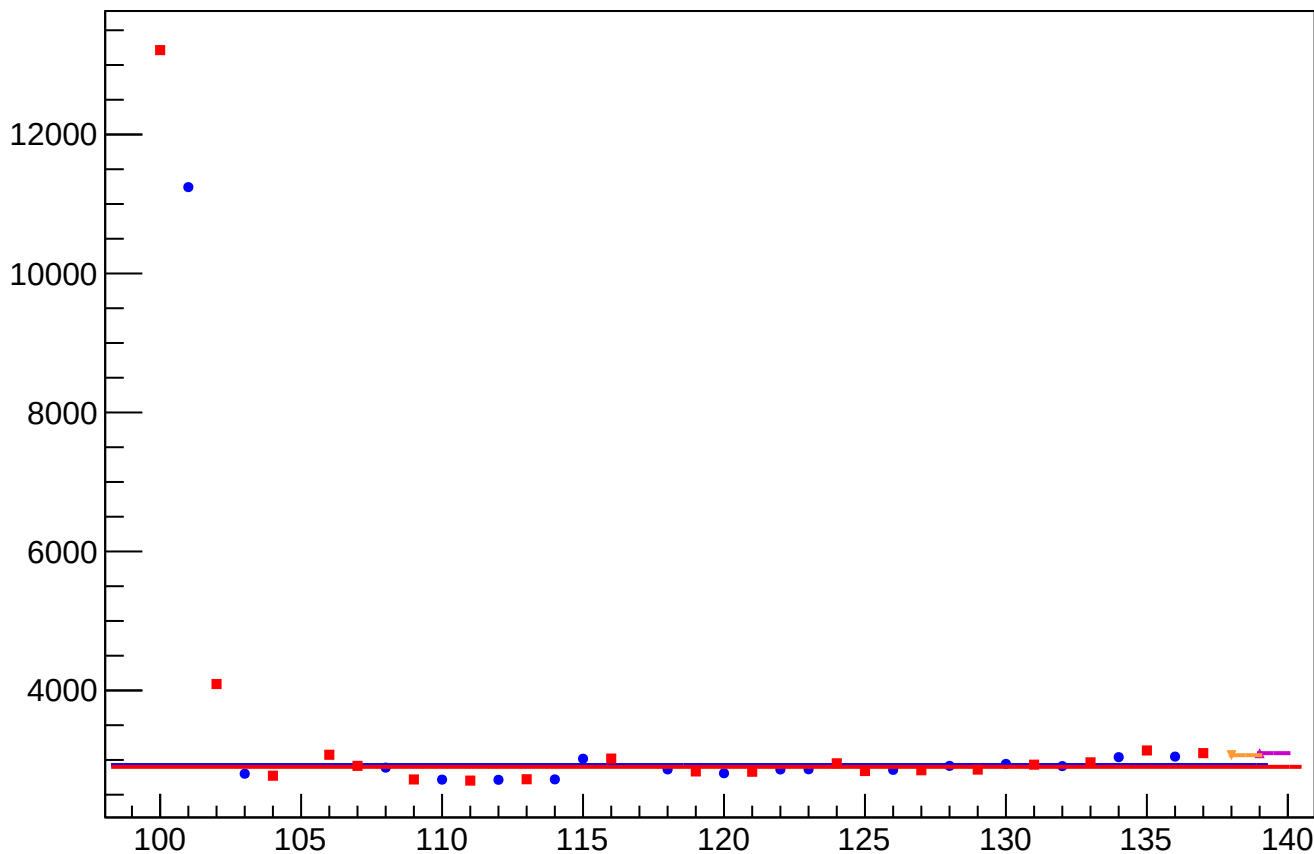
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134 $\pm$ 1156.555 χ^2 /NDF: 14.4/16
 Left Out: -1316.923 $\pm$ 3578.303 χ^2 /NDF: 0.0/0
 Right Out: 2403.750 $\pm$ 1110.093 χ^2 /NDF: 10.1/18
 Left In: 8172.257 $\pm$ 3470.834 χ^2 /NDF: 0.0/0

Left: 3572.304 $\pm$ 2491.377 χ^2 /NDF: 3.6/1
 Right: 2368.450 $\pm$ 800.876 χ^2 /NDF: 24.5/35
 In: 2913.991 $\pm$ 1097.241 χ^2 /NDF: 16.9/17
 Out: 2077.102 $\pm$ 1060.245 χ^2 /NDF: 11.1/19
 All: 2481.200 $\pm$ 762.450 χ^2 /NDF: 28.3/37

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: 3097.678+/-2.454 χ^2/NDF : 0.0/0

Left: 3083.473+/-1.762 χ^2/NDF : 69.1/1

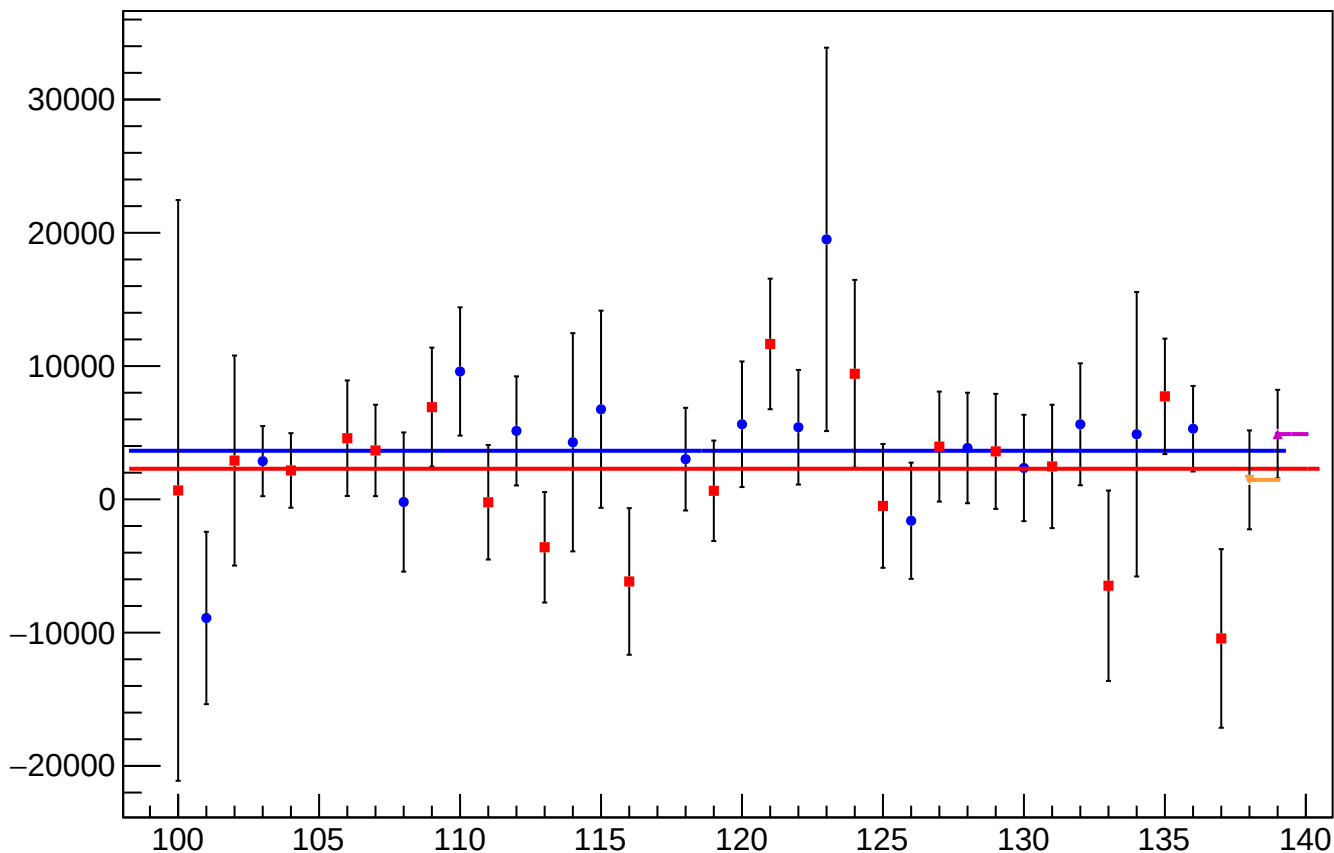
Right: 2913.190+/-0.566 χ^2/NDF : 833178.3/35

In: 2943.707+/-0.776 χ^2/NDF : 667167.3/17

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

All: 2929.139+/-0.539 χ^2/NDF : 841715.5/37

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: 4897.075+/-3322.624 χ^2/NDF : 0.0/0

Left: 3368.646+/-2475.631 χ^2/NDF : 0.5/1

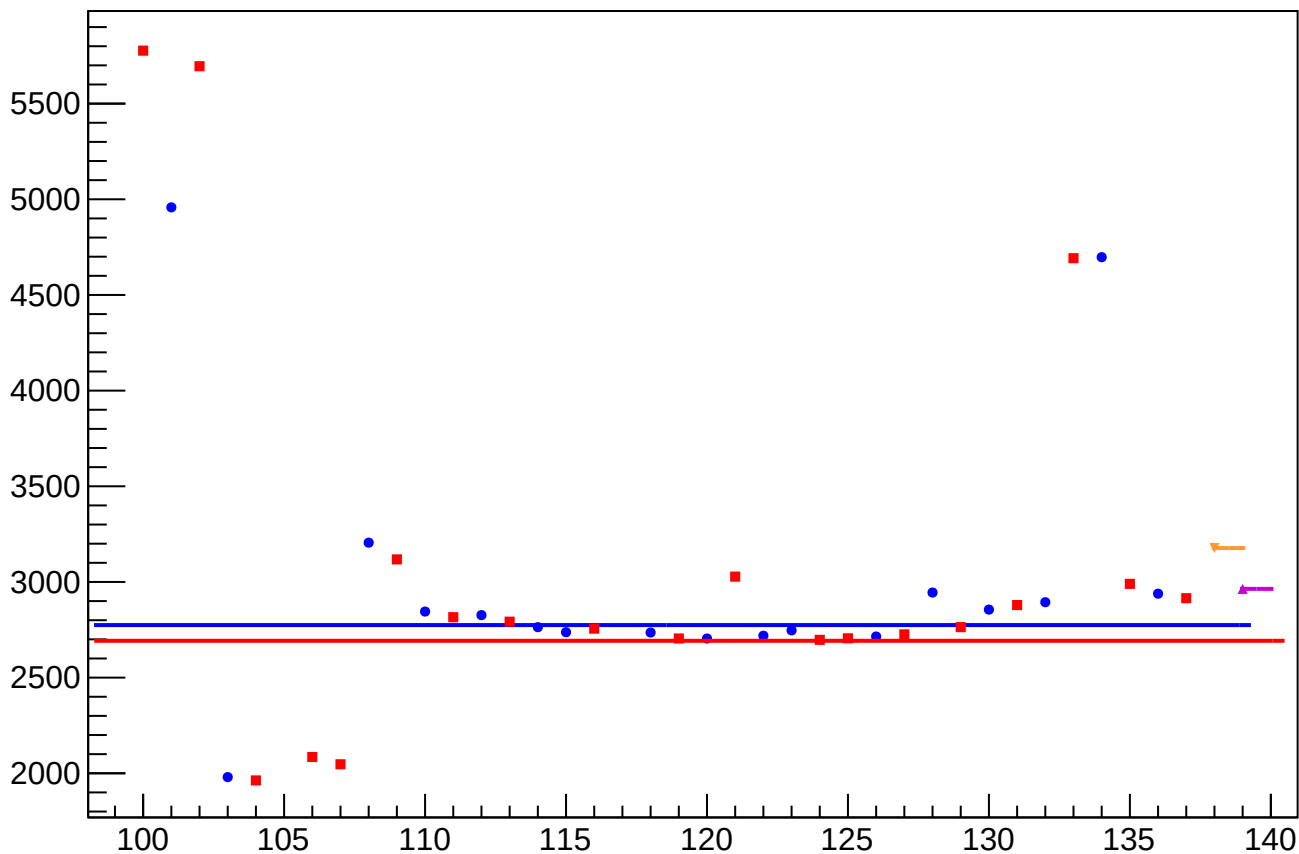
Right: 2942.410+/-755.528 χ^2/NDF : 29.1/35

In: 3767.197+/-1036.968 χ^2/NDF : 10.0/17

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

All: 2978.727+/-722.625 χ^2/NDF : 29.6/37

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: 2963.854+/-2.349 χ^2/NDF : 0.0/0

Left: 3058.756+/-1.751 χ^2/NDF : 3667.8/1

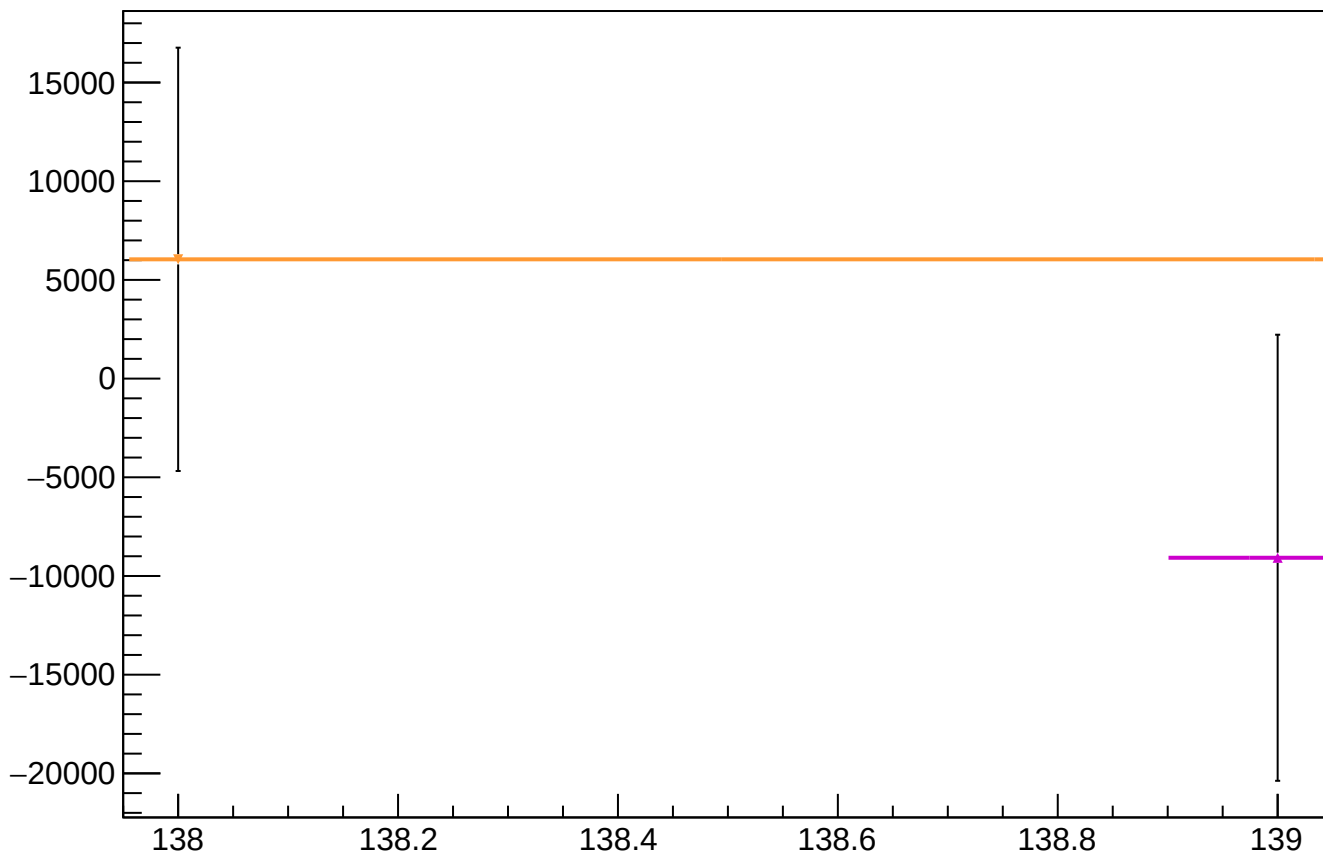
Right: 2731.837+/-0.534 χ^2/NDF : 1287844.4/35

In: 2793.050+/-0.733 χ^2/NDF : 507535.9/17

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

All: 2759.683+/-0.511 χ^2/NDF : 1323418.5/37

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: -9076.645+/-11299.540 χ^2/NDF : 0.0/0

Left: -1121.581+/-7778.131 χ^2/NDF : 0.9/1

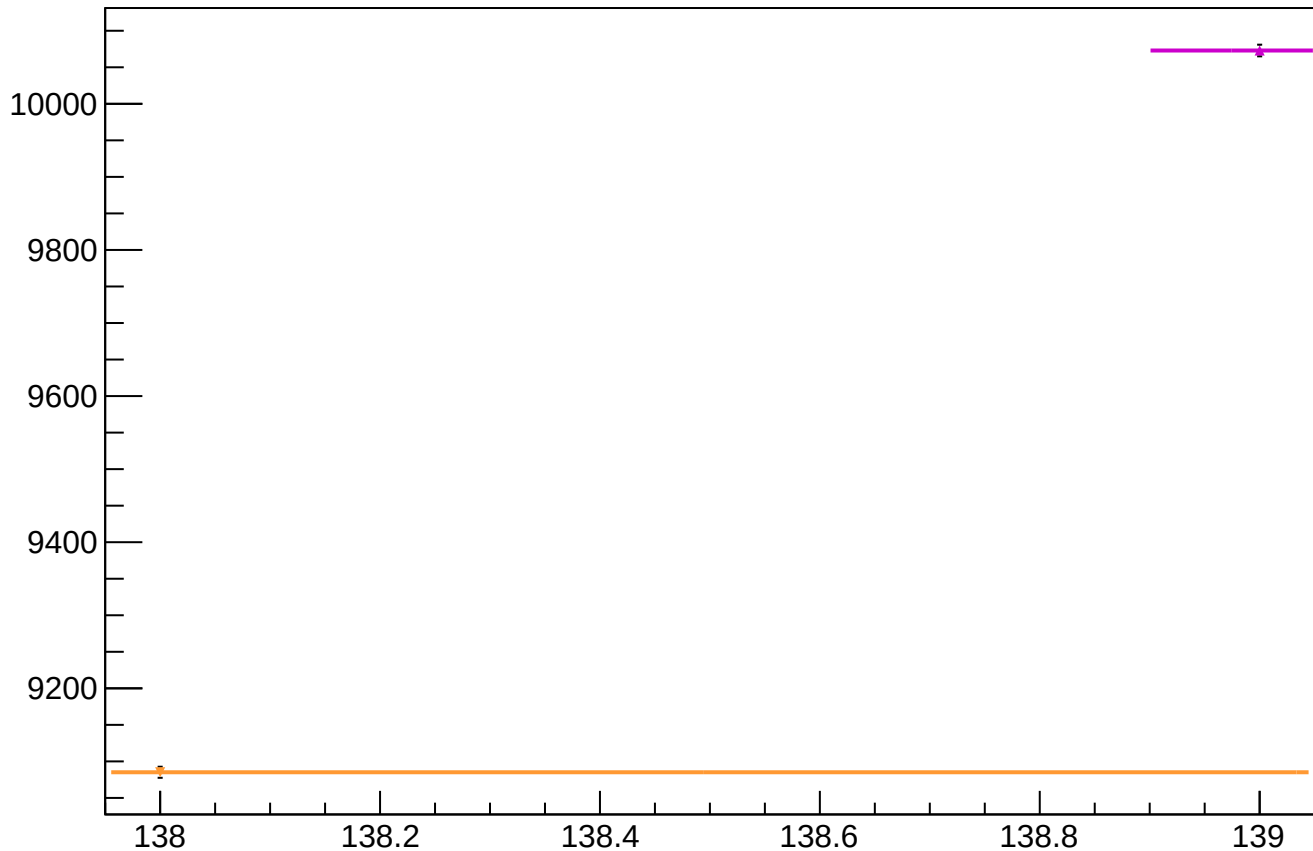
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9076.645+/-11299.540 χ^2/NDF : 0.0/0

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

All: -1121.581+/-7778.131 χ^2/NDF : 0.9/1

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: 10072.967+/-7.990 χ^2 /NDF:0.0/0

Left: 9553.203+/-5.500 χ^2 /NDF: 8042.7/1

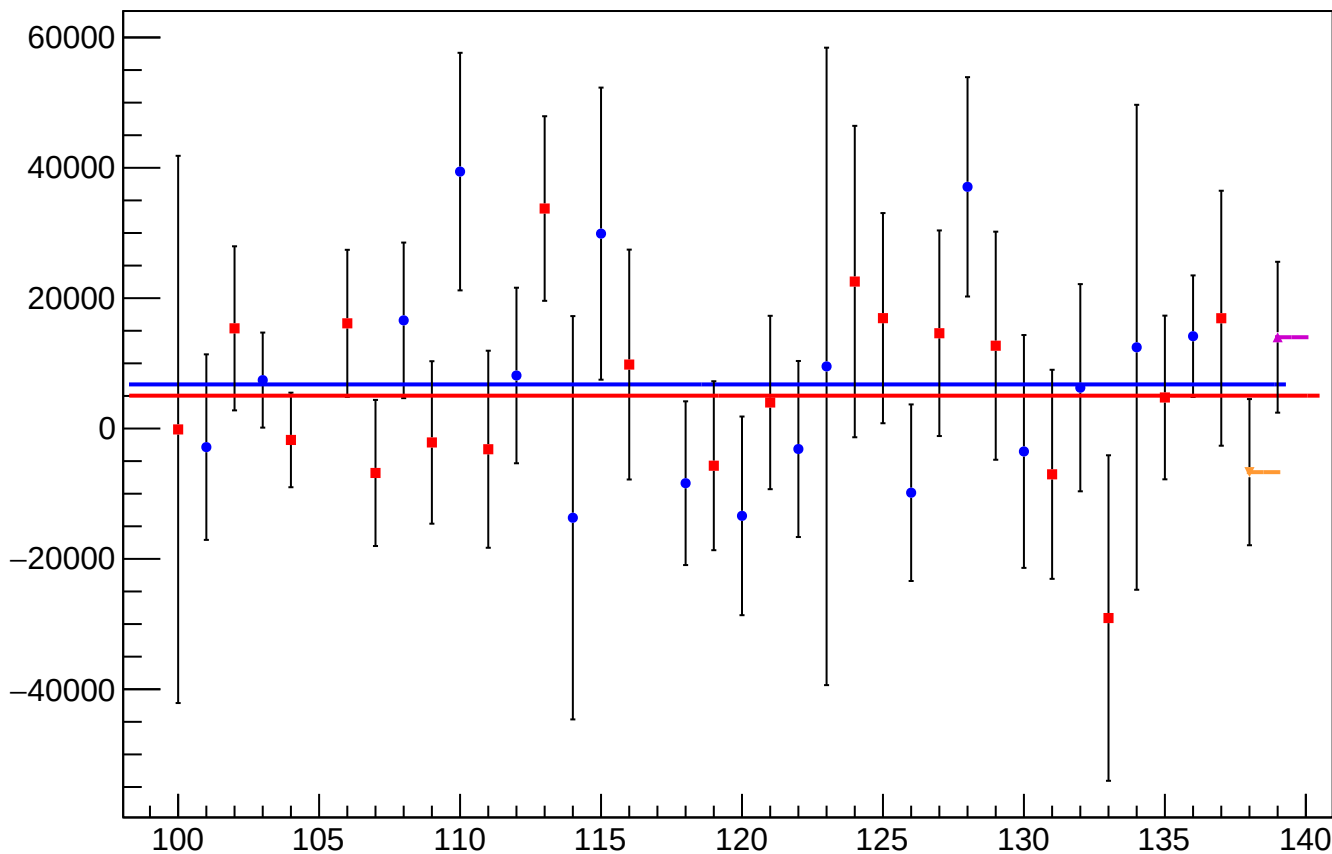
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 10072.967+/-7.990 χ^2 /NDF:0.0/0

Out: 9085.129+/-7.582 χ^2 /NDF:0.0/0

All: 9553.203+/-5.500 χ^2 /NDF: 8042.7/1

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: 14008.264+/-11573.855 χ^2/NDF : 0.0/0

Left: 3330.675+/-8053.760 χ^2/NDF : 1.7/1

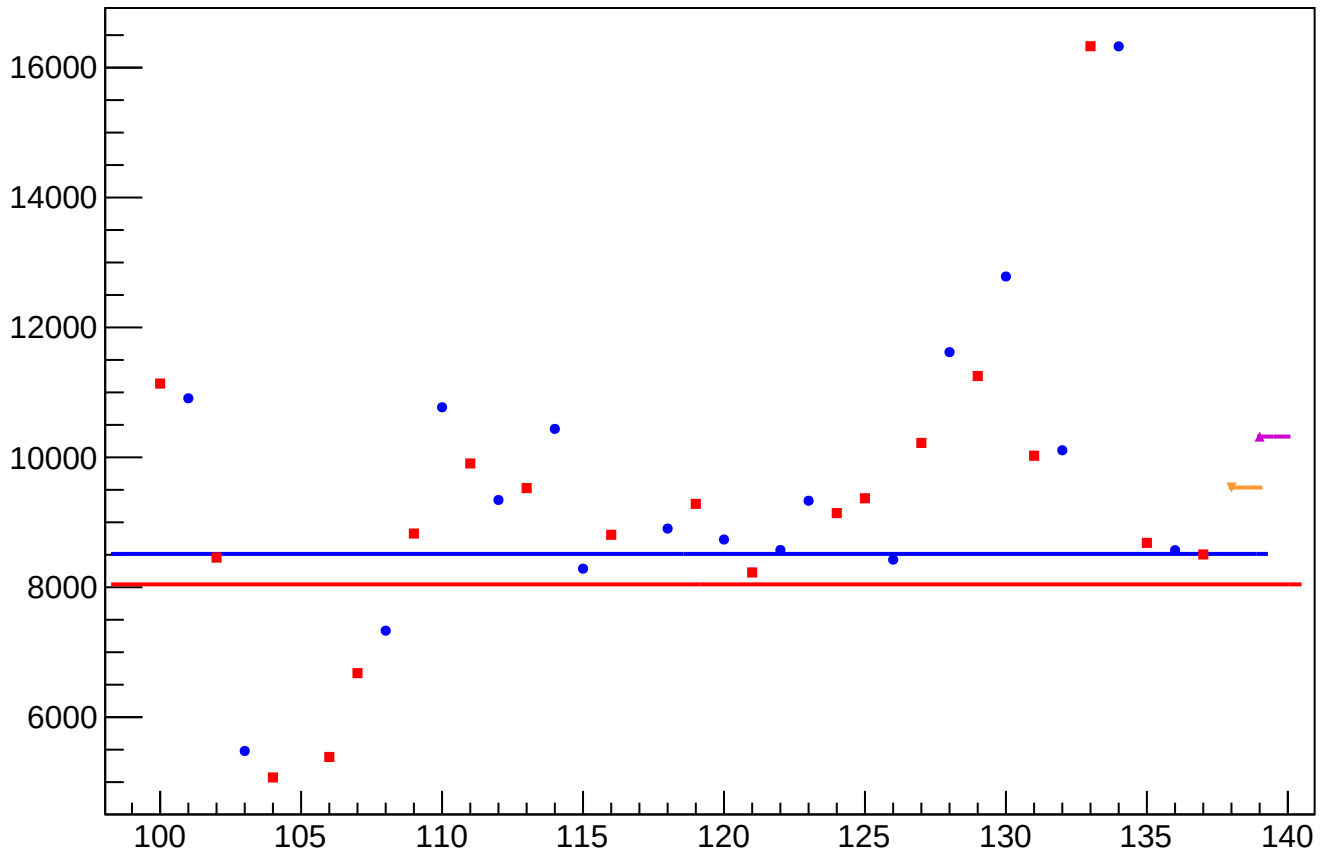
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 7338.633+/-3250.789 χ^2/NDF : 15.7/17

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

All: 5654.886+/-2223.630 χ^2/NDF : 30.8/37

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: 10320.026+/-8.184 χ^2/NDF : 0.0/0

Left: 9915.305+/-5.695 χ^2/NDF : 4741.5/1

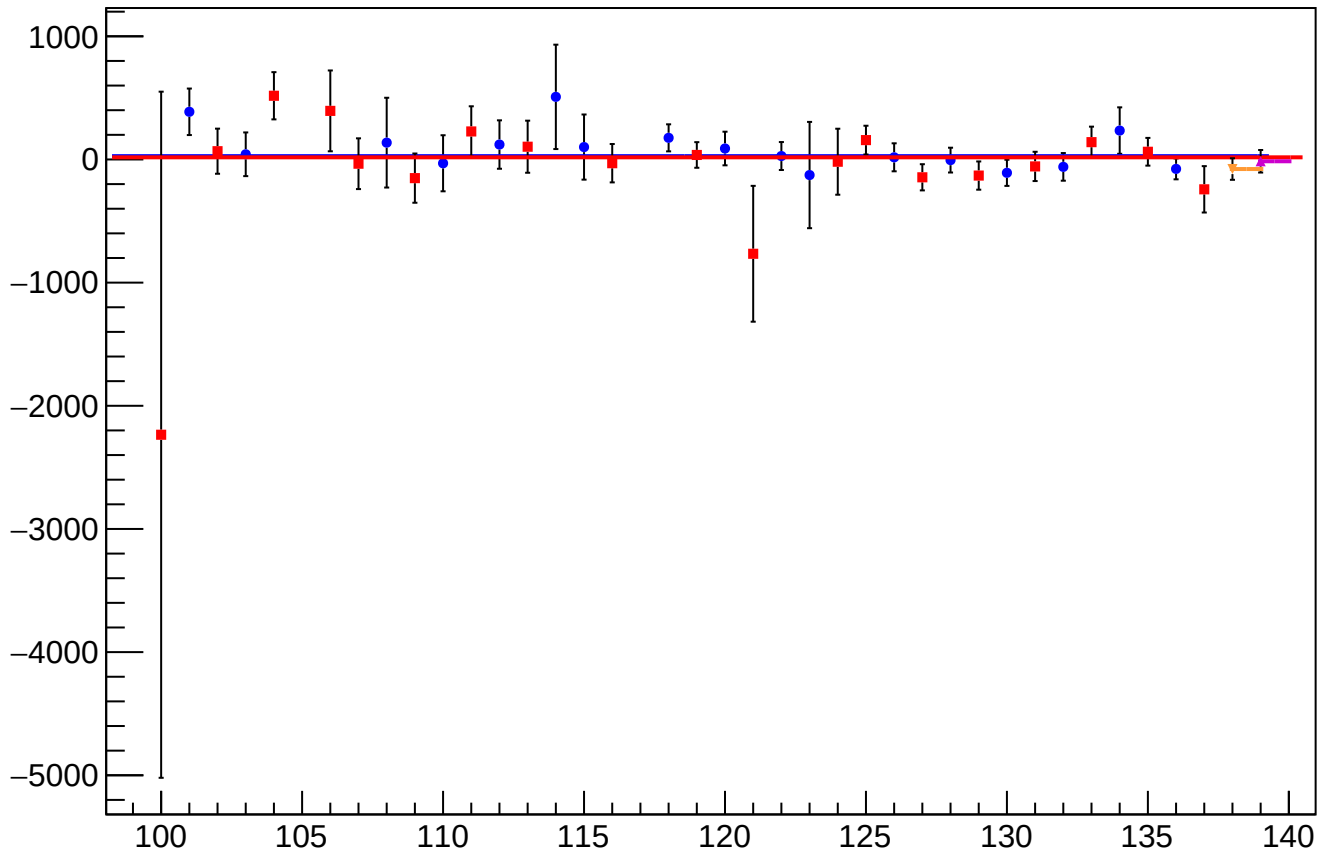
Right: 8263.507+/-1.636 χ^2/NDF : 1735374.5/35

In: 8656.169+/-2.299 χ^2/NDF : 807488.4/17

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

All: 8389.419+/-1.572 χ^2/NDF : 1817832.3/37

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: -14.647+/-91.465 χ^2/NDF : 0.0/0

Left: -47.571+/-63.231 χ^2/NDF : 0.2/1

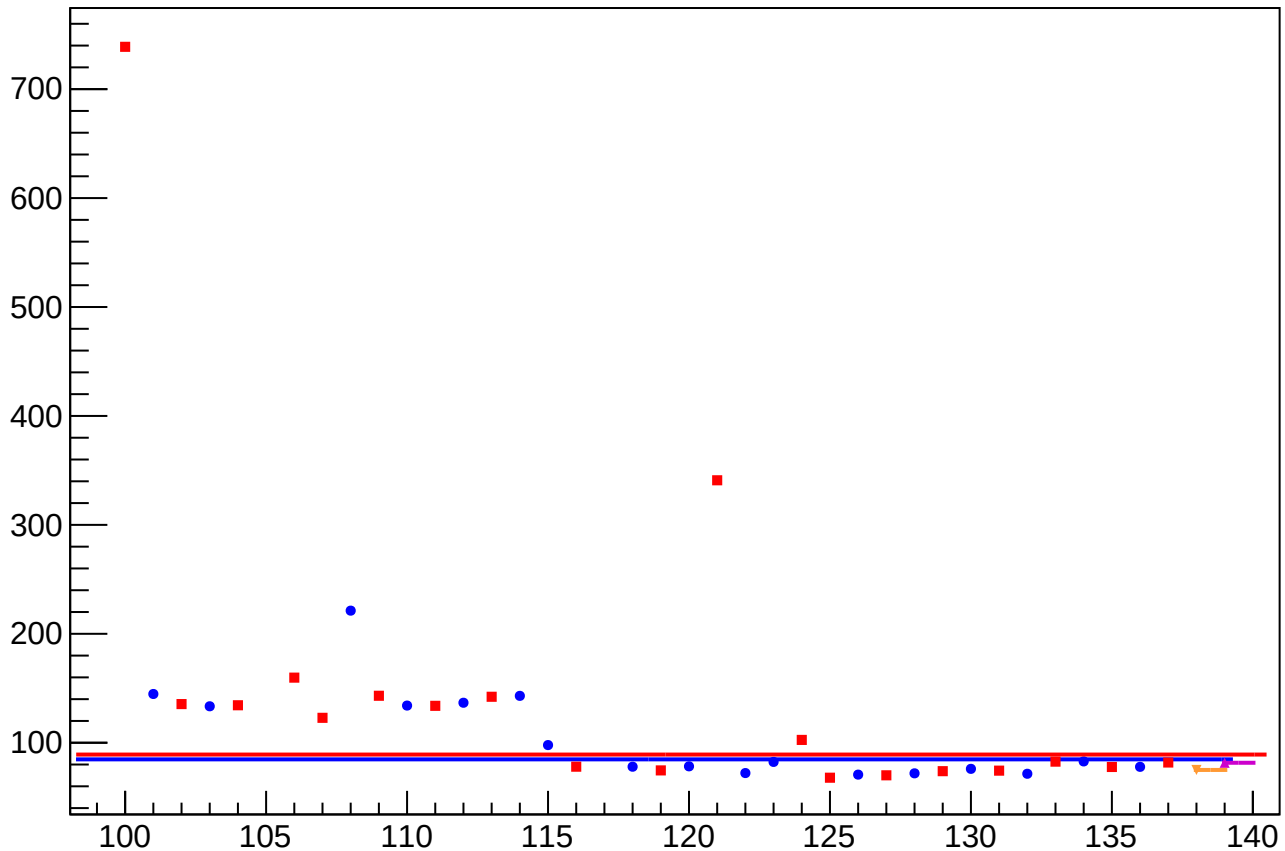
Right: 22.359+/-24.581 χ^2/NDF : 34.5/35

In: 21.876+/-31.893 χ^2/NDF : 12.8/17

Out: 3.902+/-32.934 χ^2/NDF : 22.9/19

All: 13.178+/-22.911 χ^2/NDF : 35.8/37

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737 $\pm$ 0.024 χ^2 /NDF: 1064420.0/16

Left Out: 75.018 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Right Out: 89.143 $\pm$ 0.025 χ^2 /NDF: 1559269.8/18

Left In: 81.609 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Left: 78.168 $\pm$ 0.045 χ^2 /NDF: 5422.6/1

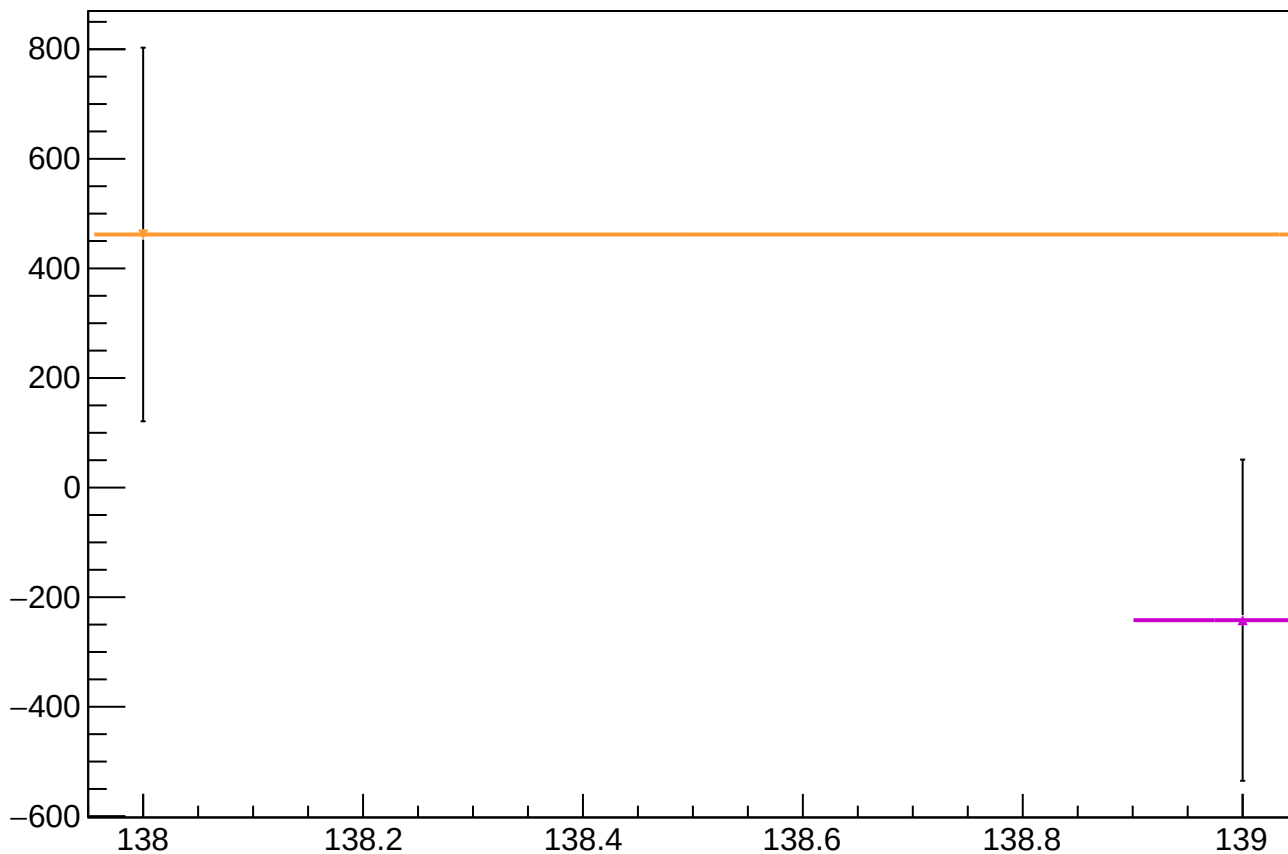
Right: 86.844 $\pm$ 0.017 χ^2 /NDF: 2639723.0/35

In: 84.357 $\pm$ 0.023 χ^2 /NDF: 1066474.7/17

Out: 87.142 $\pm$ 0.023 χ^2 /NDF: 1603997.9/19

All: 85.705 $\pm$ 0.016 χ^2 /NDF: 2677856.7/37

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: -241.981+/-293.121 χ^2/NDF : 0.0/0

Left: 57.192+/-222.267 χ^2/NDF : 2.5/1

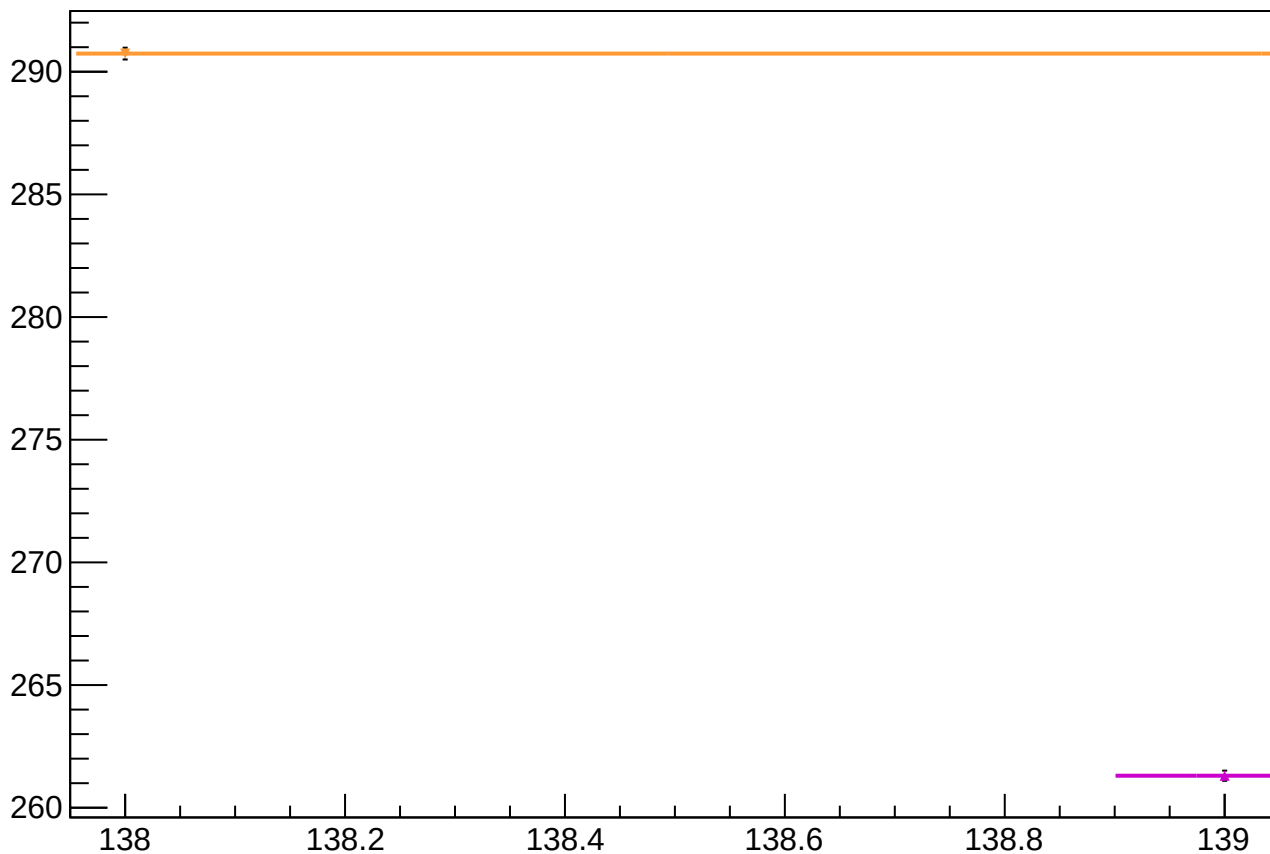
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -241.981+/-293.121 χ^2/NDF : 0.0/0

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

All: 57.192+/-222.267 χ^2/NDF : 2.5/1

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: 261.305+/-0.207 χ^2/NDF : 0.0/0

Left: 273.815+/-0.157 χ^2/NDF : 8571.5/1

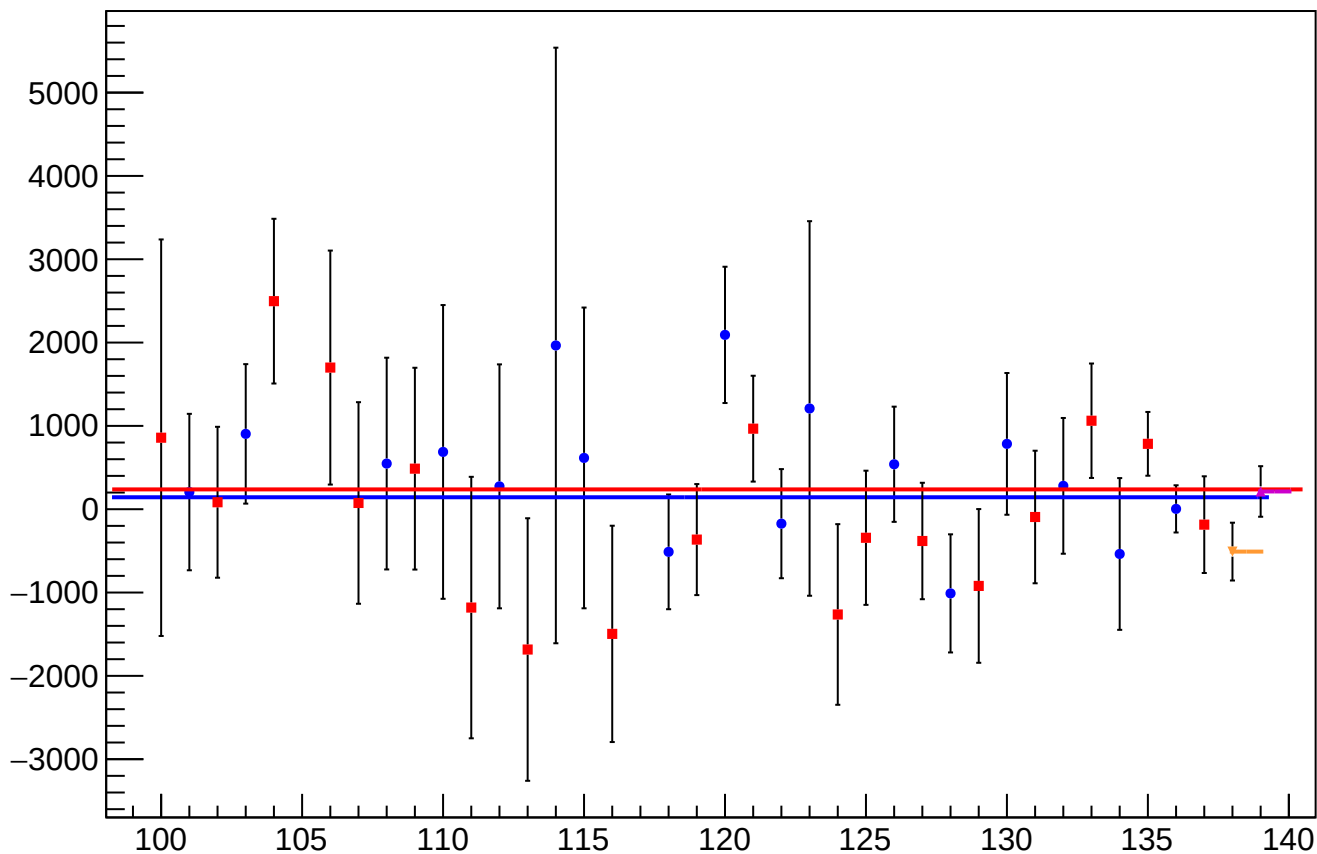
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 261.305+/-0.207 χ^2/NDF : 0.0/0

Out: 290.739+/-0.241 χ^2/NDF : 0.0/0

All: 273.815+/-0.157 χ^2/NDF : 8571.5/1

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: 213.041 $\pm$ 303.453 χ^2 /NDF:0.0/0

Left: -99.802 $\pm$ 228.408 χ^2 /NDF: 2.5/1

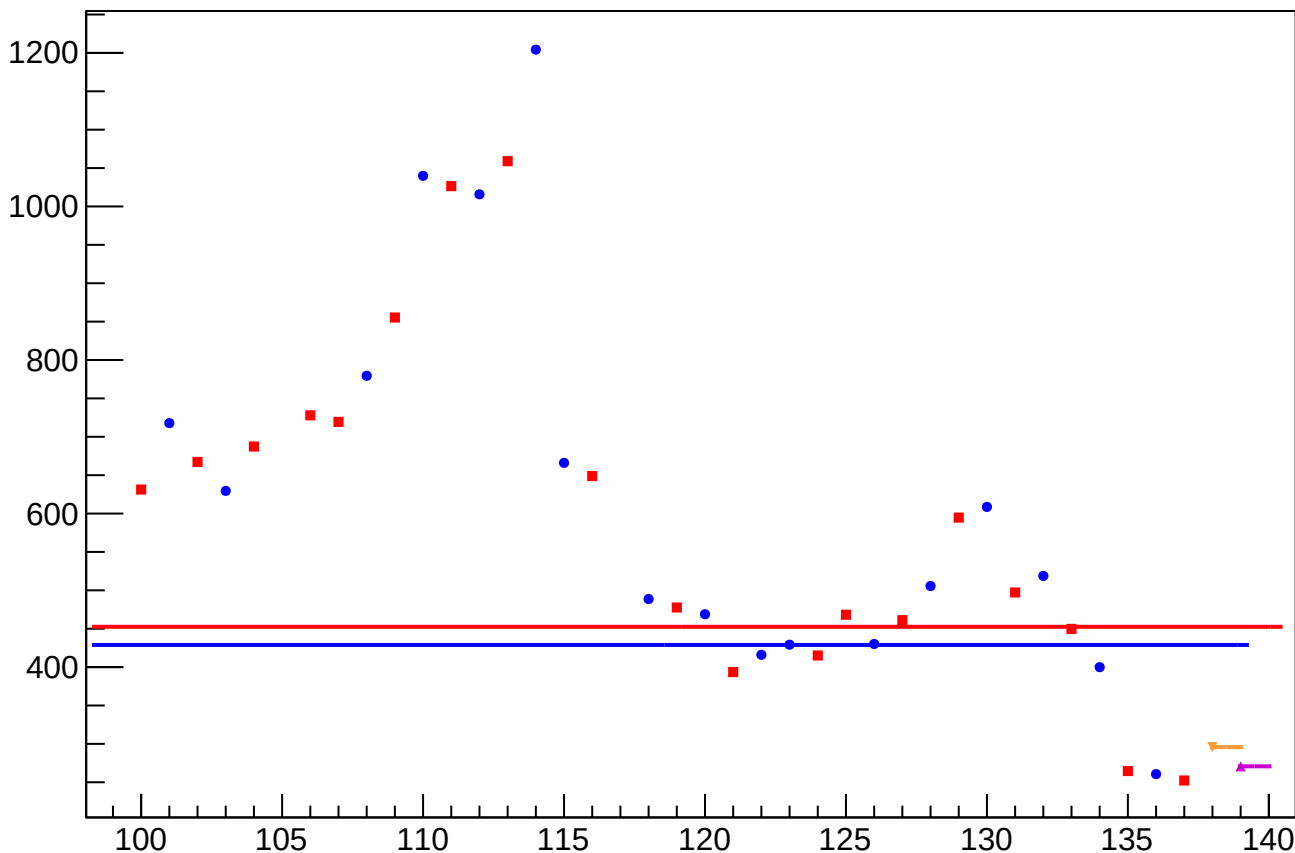
Right: 189.418 $\pm$ 128.389 χ^2 /NDF: 34.6/35

In: 161.476 $\pm$ 154.327 χ^2 /NDF:12.8/17

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

All: 119.977 $\pm$ 111.920 χ^2 /NDF: 38.3/37

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF : 2012329.6/16

Left Out: 295.770+/-0.245 χ^2/NDF : 0.0/0

Right Out: 452.517+/-0.130 χ^2/NDF : 2039238.5/18

Left In: 270.760+/-0.215 χ^2/NDF : 0.0/0

Left: 281.600+/-0.162 χ^2/NDF : 5888.7/1

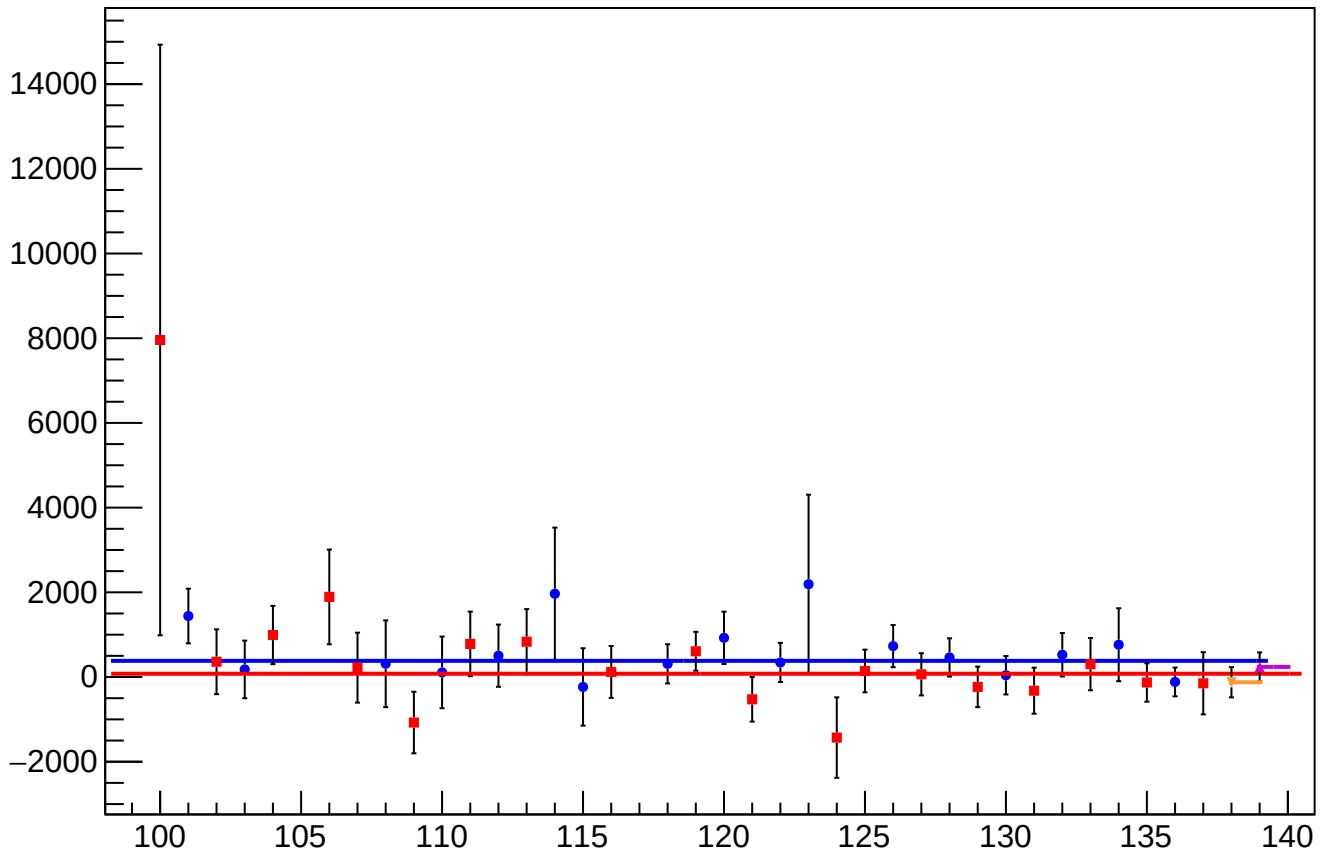
Right: 440.377+/-0.091 χ^2/NDF : 4068538.6/35

In: 387.965+/-0.109 χ^2/NDF : 2414784.1/17

Out: 418.108+/-0.115 χ^2/NDF : 2357877.4/19

All: 402.255+/-0.079 χ^2/NDF : 4808830.3/37

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893 $\pm$ 141.192 χ^2 /NDF: 9.4/16

Left Out: -123.763 $\pm$ 356.963 χ^2 /NDF:0.0/0

Right Out: 77.490 $\pm$ 143.469 χ^2 /NDF: 16.8/18

Left In: 238.577 $\pm$ 342.110 χ^2 /NDF:0.0/0

Left: 65.103 $\pm$ 246.992 χ^2 /NDF: 0.5/1

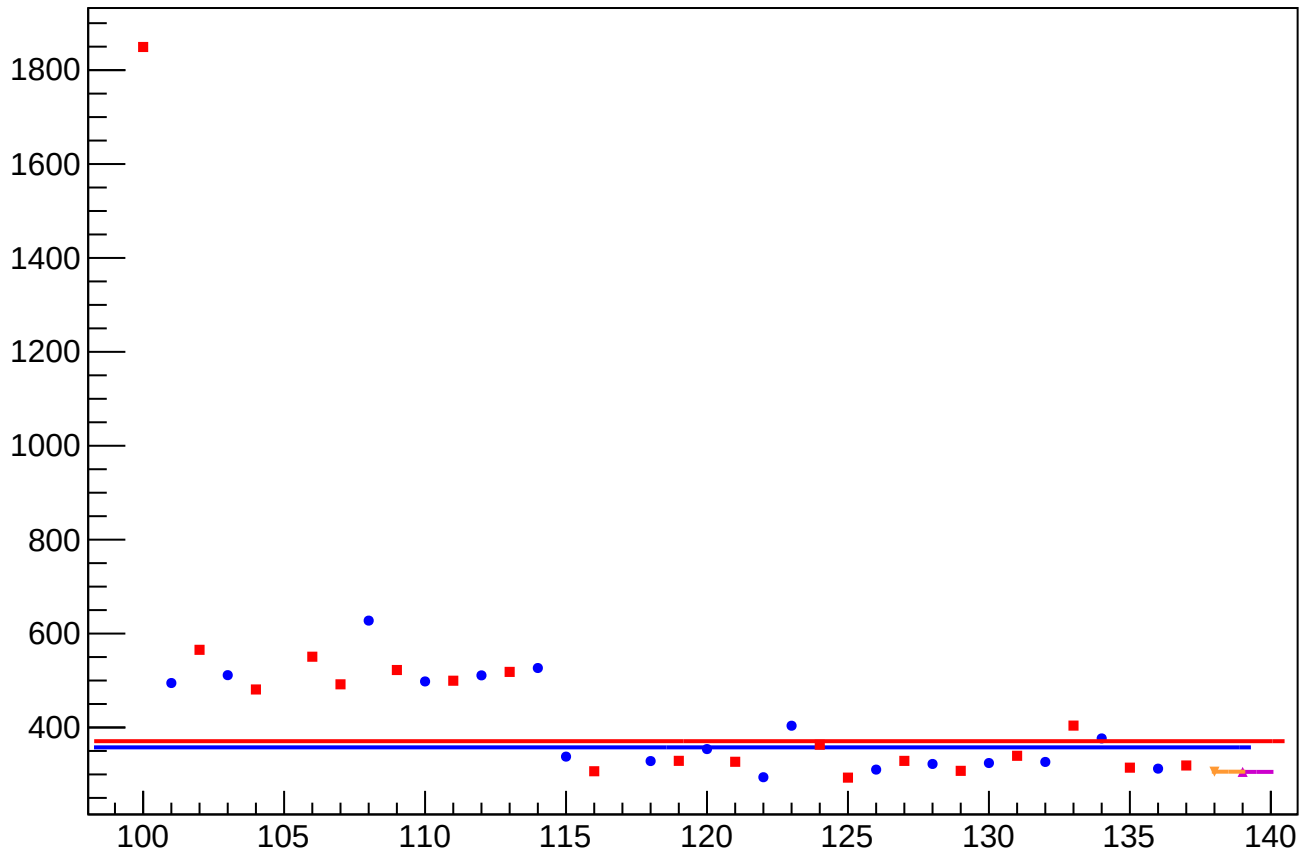
Right: 232.126 $\pm$ 100.633 χ^2 /NDF: 28.5/35

In: 361.035 $\pm$ 130.514 χ^2 /NDF:9.6/17

Out: 49.502 $\pm$ 133.119 χ^2 /NDF:17.0/19

All: 208.347 $\pm$ 93.195 χ^2 /NDF: 29.4/37

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: 305.407 $\pm$ 0.242 χ^2 /NDF: 0.0/0

Left: 305.619 $\pm$ 0.175 χ^2 /NDF: 1.6/1

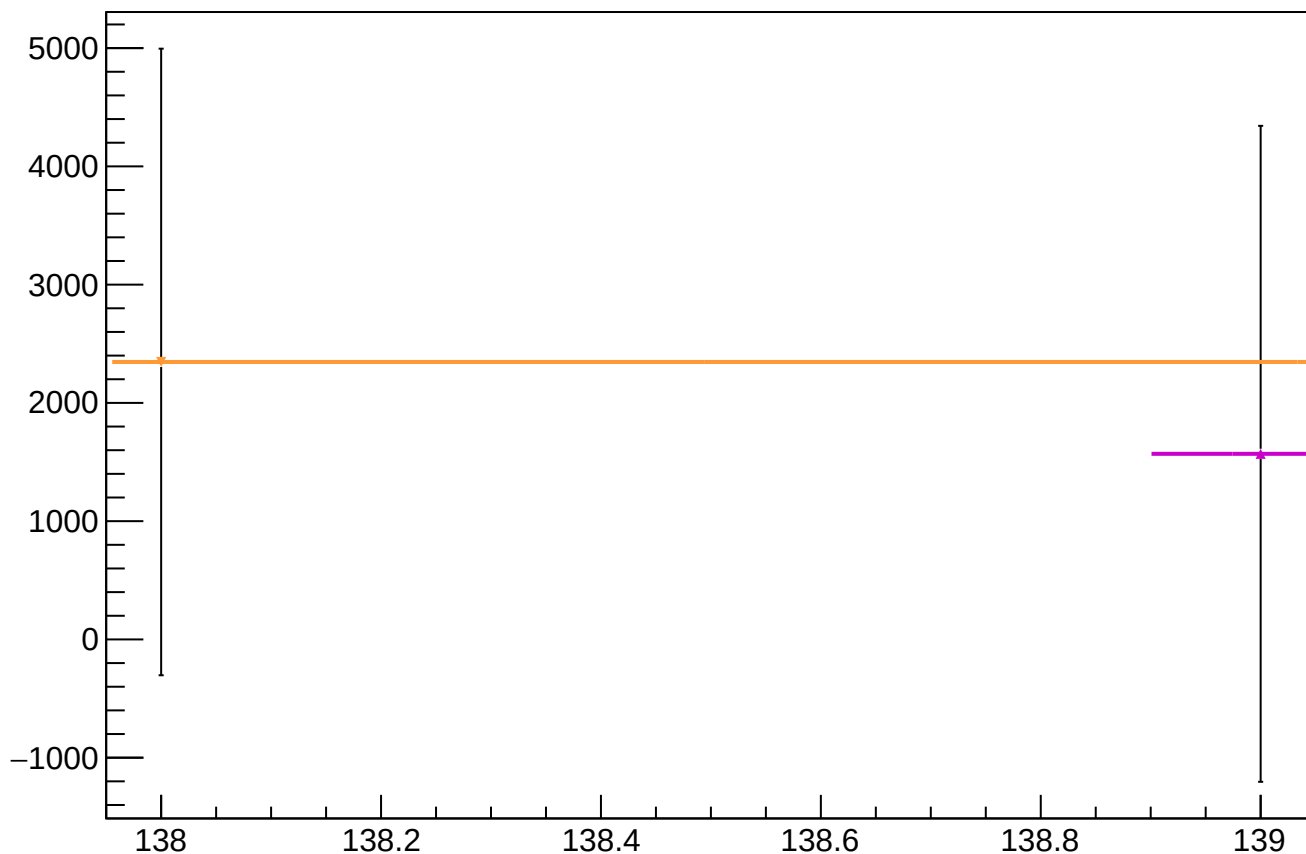
Right: 364.124 $\pm$ 0.071 χ^2 /NDF: 1422966.9/35

In: 350.059 $\pm$ 0.092 χ^2 /NDF: 669544.7/17

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

All: 355.795 $\pm$ 0.066 χ^2 /NDF: 1519206.2/37

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: 1569.396+/-2773.272 χ^2/NDF : 0.0/0

Left: 1975.543+/-1915.598 χ^2/NDF : 0.0/1

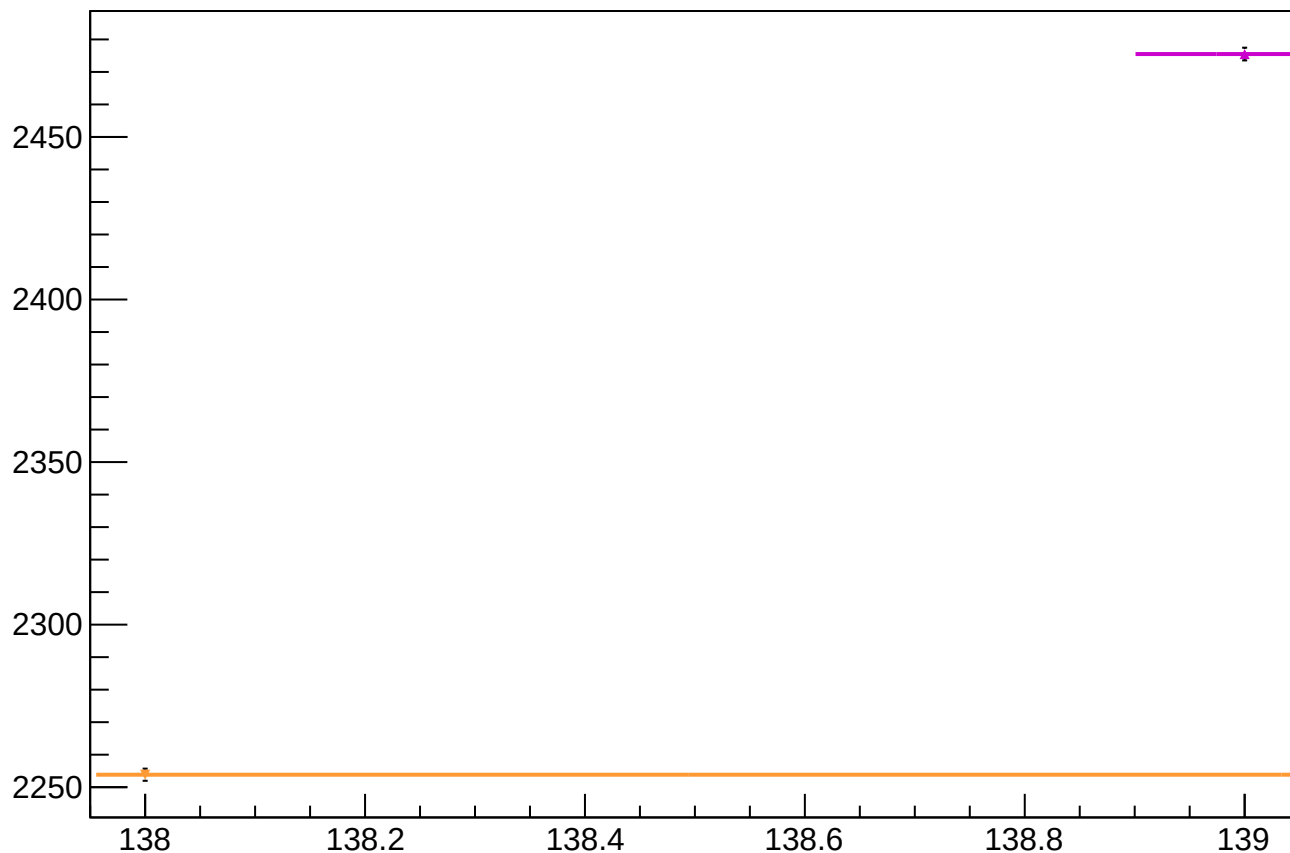
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1569.396+/-2773.272 χ^2/NDF : 0.0/0

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

All: 1975.543+/-1915.598 χ^2/NDF : 0.0/1

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: 2475.504+/-1.961 χ^2/NDF : 0.0/0

Left: 2359.601+/-1.355 χ^2/NDF : 6680.9/1

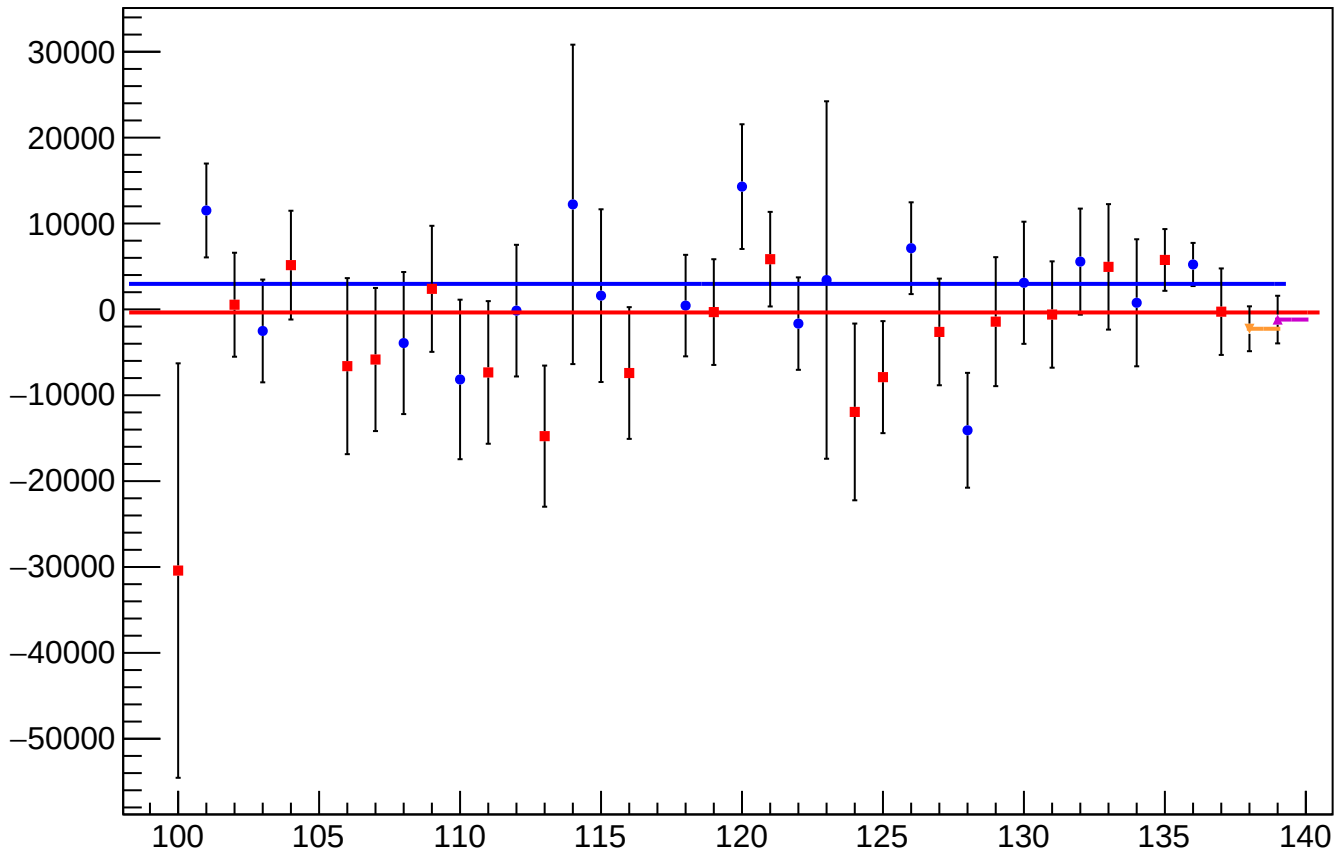
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2475.504+/-1.961 χ^2/NDF : 0.0/0

Out: 2253.842+/-1.873 χ^2/NDF : 0.0/0

All: 2359.601+/-1.355 χ^2/NDF : 6680.9/1

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: -1187.257+/-2772.991 χ^2/NDF : 0.0/0

Left: -1753.902+/-1901.506 χ^2/NDF : 0.1/1

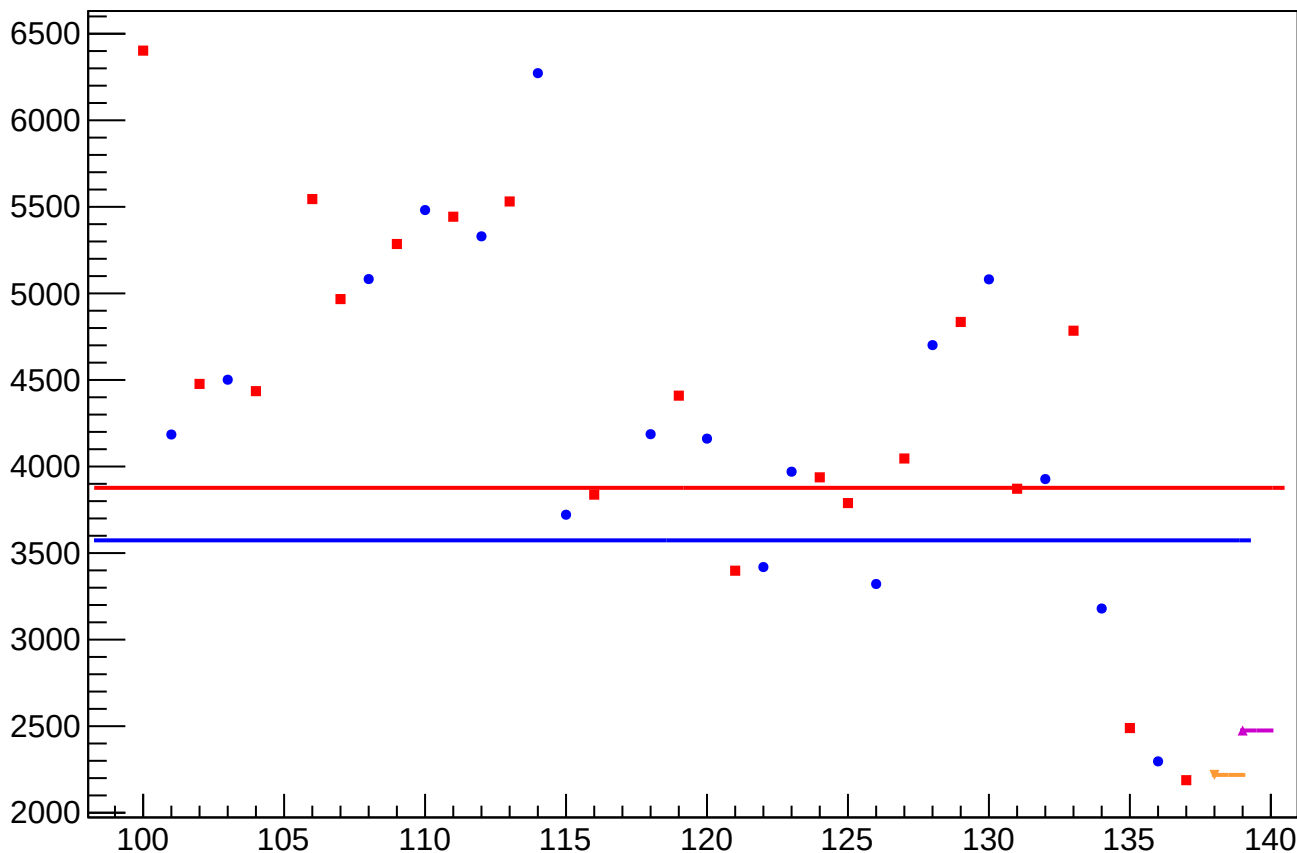
Right: 1380.346+/-1041.320 χ^2/NDF : 35.3/35

In: 2085.870+/-1278.303 χ^2/NDF : 19.1/17

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

All: 657.247+/-913.334 χ^2/NDF : 37.4/37

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: 2475.171+/-1.961 χ^2/NDF : 0.0/0

Left: 2339.229+/-1.345 χ^2/NDF : 9072.7/1

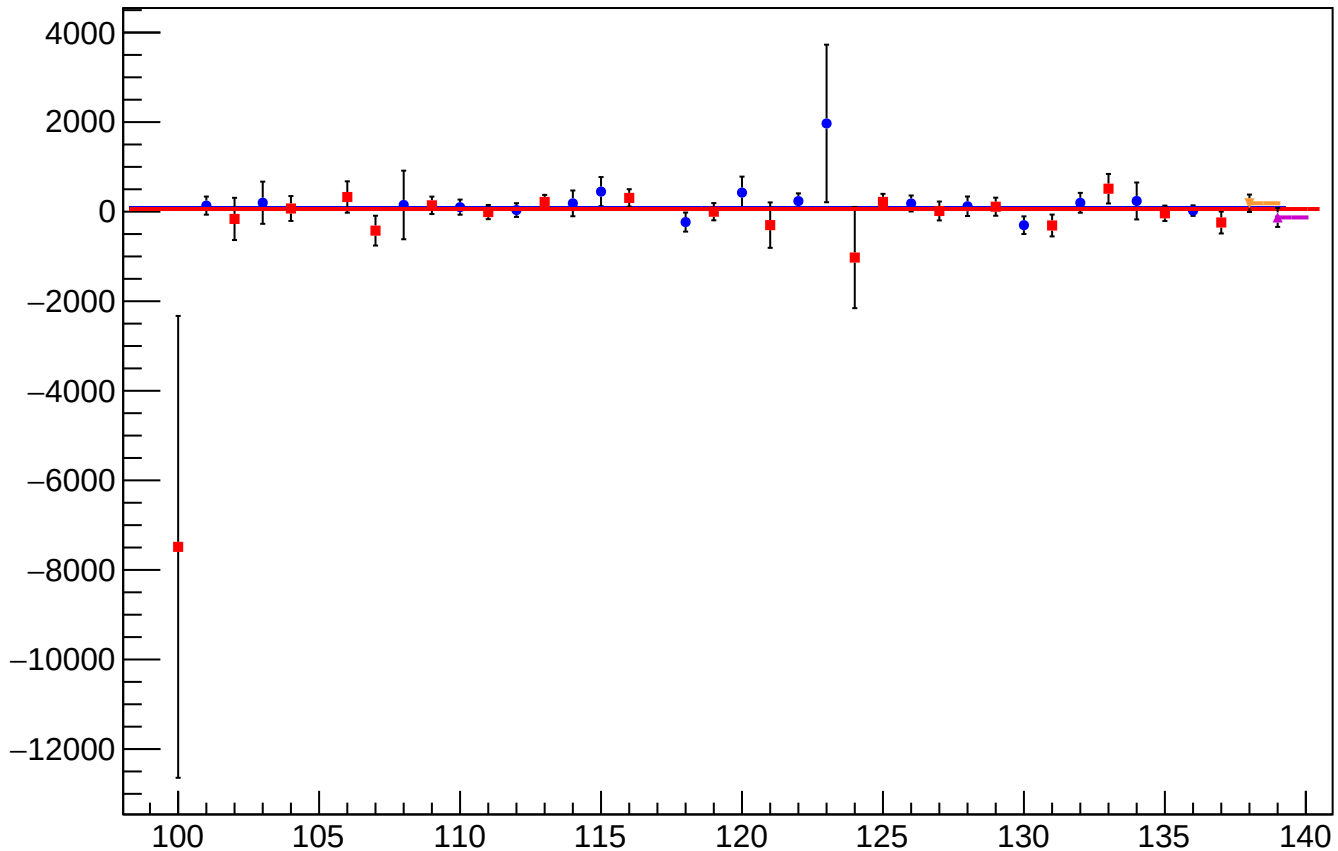
Right: 3718.342+/-0.736 χ^2/NDF : 2119512.7/35

In: 3340.075+/-0.904 χ^2/NDF : 1335802.6/17

Out: 3462.838+/-0.923 χ^2/NDF : 1593081.9/19

All: 3400.168+/-0.646 χ^2/NDF : 2937913.9/37

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: -128.728+/-211.337 χ^2/NDF : 0.0/0

Left: 42.601+/-142.992 χ^2/NDF : 1.2/1

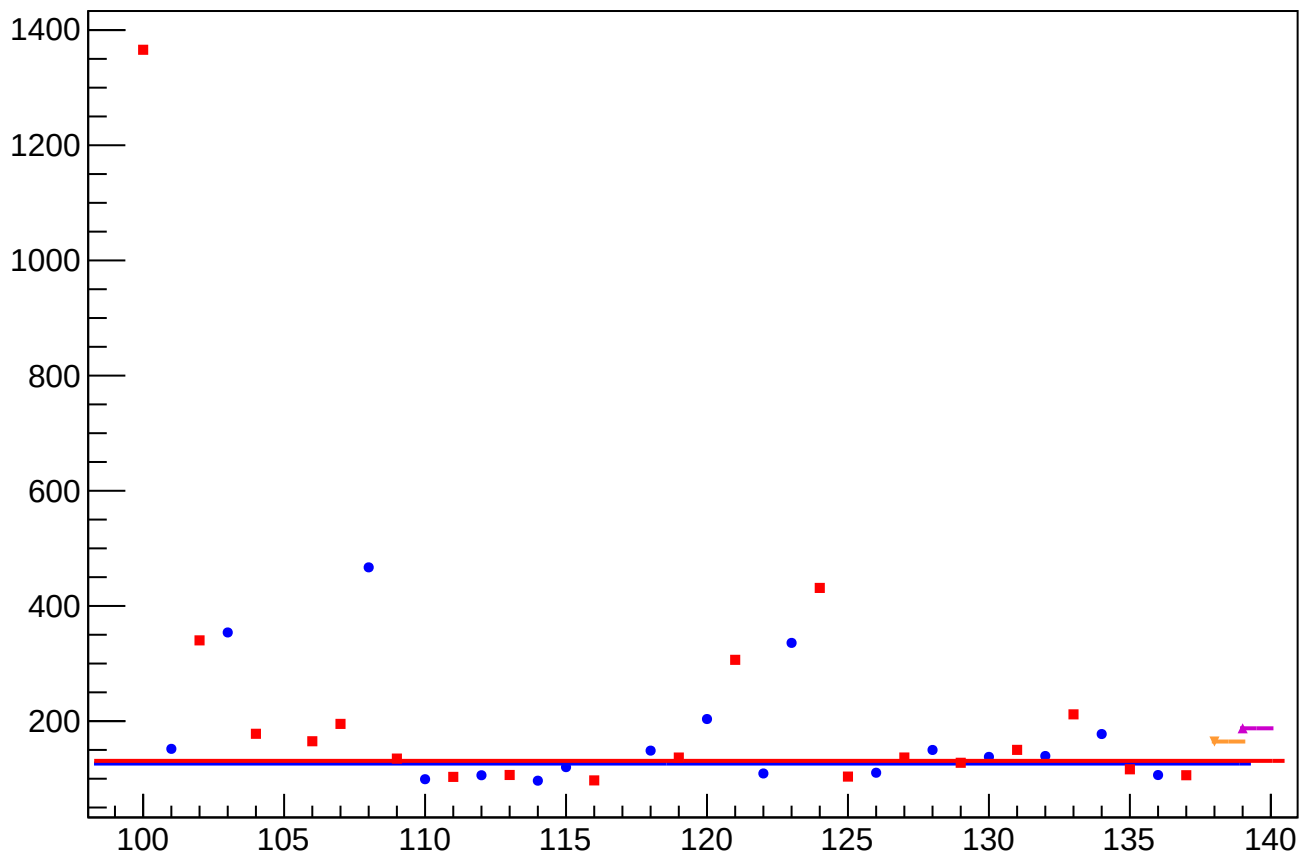
Right: 70.703+/-37.141 χ^2/NDF : 28.1/35

In: 69.870+/-50.409 χ^2/NDF : 12.5/17

Out: 67.951+/-51.278 χ^2/NDF : 16.8/19

All: 68.927+/-35.948 χ^2/NDF : 29.3/37

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: 187.547+/-0.149 χ^2/NDF : 0.0/0

Left: 175.094+/-0.101 χ^2/NDF : 12808.9/1

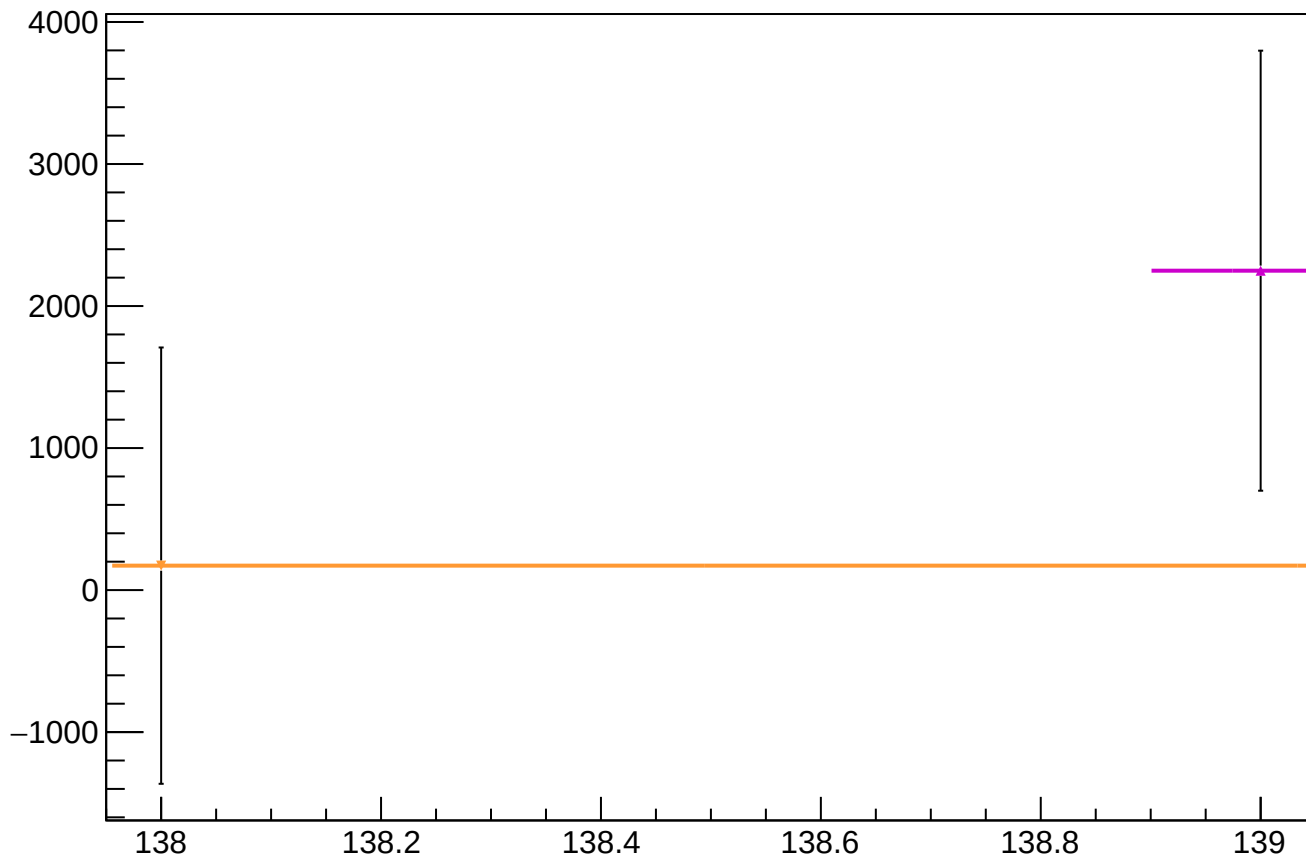
Right: 128.617+/-0.026 χ^2/NDF : 2747739.0/35

In: 129.822+/-0.036 χ^2/NDF : 1468803.4/17

Out: 133.348+/-0.036 χ^2/NDF : 1484866.8/19

All: 131.555+/-0.025 χ^2/NDF : 2958480.4/37

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: 2248.892+/-1549.192 χ^2/NDF : 0.0/0

Left: 1201.686+/-1090.777 χ^2/NDF : 0.9/1

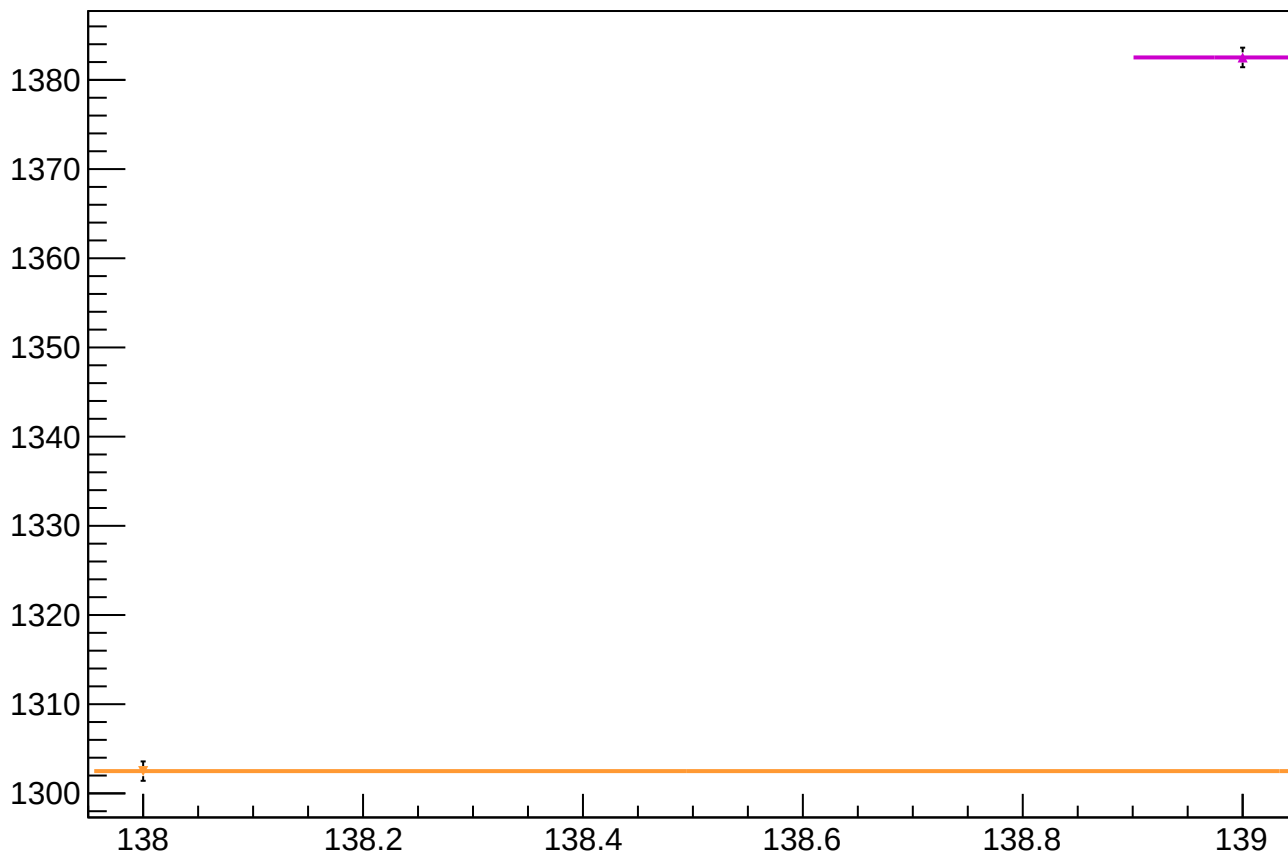
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2248.892+/-1549.192 χ^2/NDF : 0.0/0

Out: 172.139+/-1536.075 χ^2/NDF : 0.0/0

All: 1201.686+/-1090.777 χ^2/NDF : 0.9/1

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 1302.497 $\pm$ 1.086 χ^2/NDF : 0.0/0

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

Left In: 1382.519 $\pm$ 1.095 χ^2/NDF : 0.0/0

Left: 1342.167 $\pm$ 0.771 χ^2/NDF : 2690.8/1

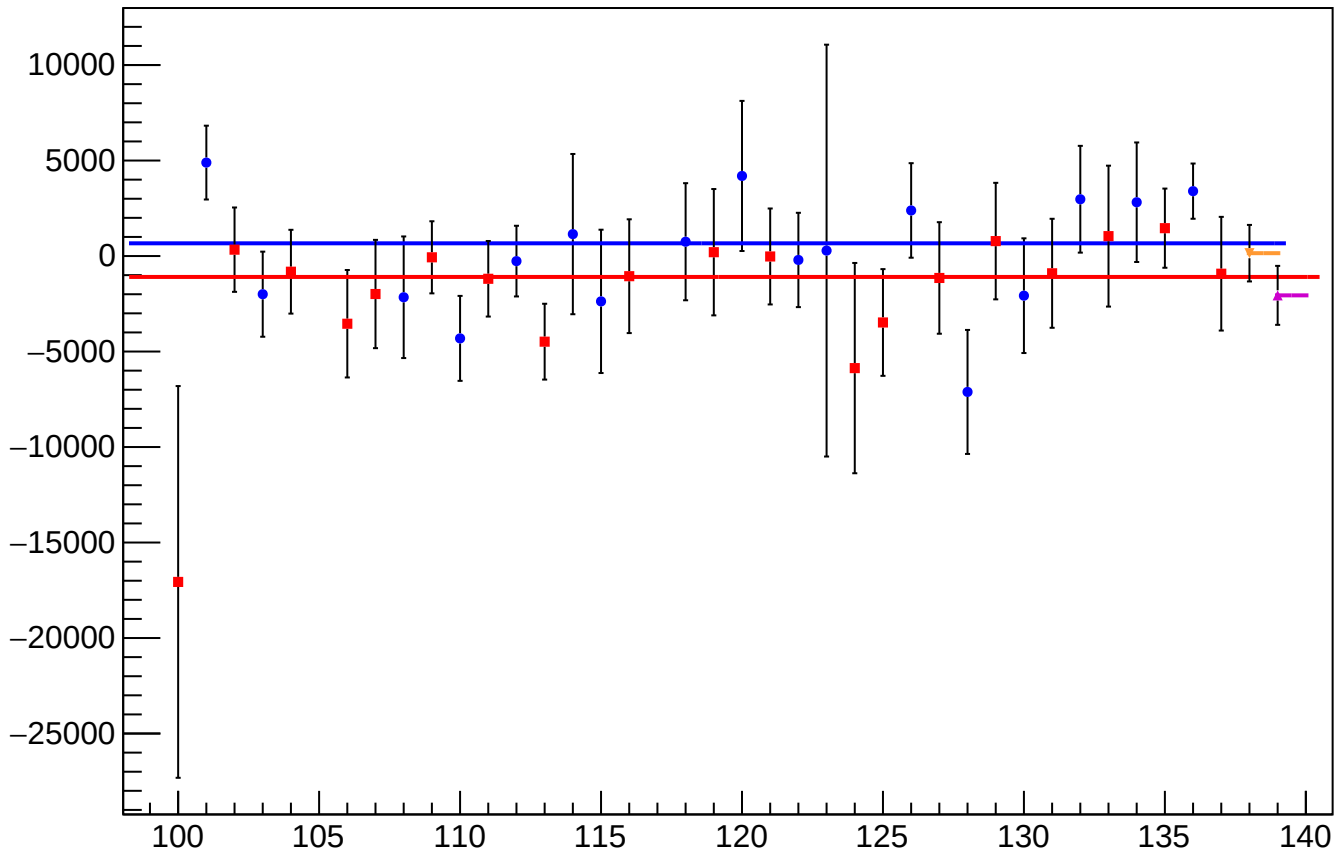
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 1382.519 $\pm$ 1.095 χ^2/NDF : 0.0/0

Out: 1302.497 $\pm$ 1.086 χ^2/NDF : 0.0/0

All: 1342.167 $\pm$ 0.771 χ^2/NDF : 2690.8/1

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: -2058.733 ± 1543.896 χ^2/NDF : 0.0/0

Left: -907.664 ± 1068.365 χ^2/NDF : 1.1/1

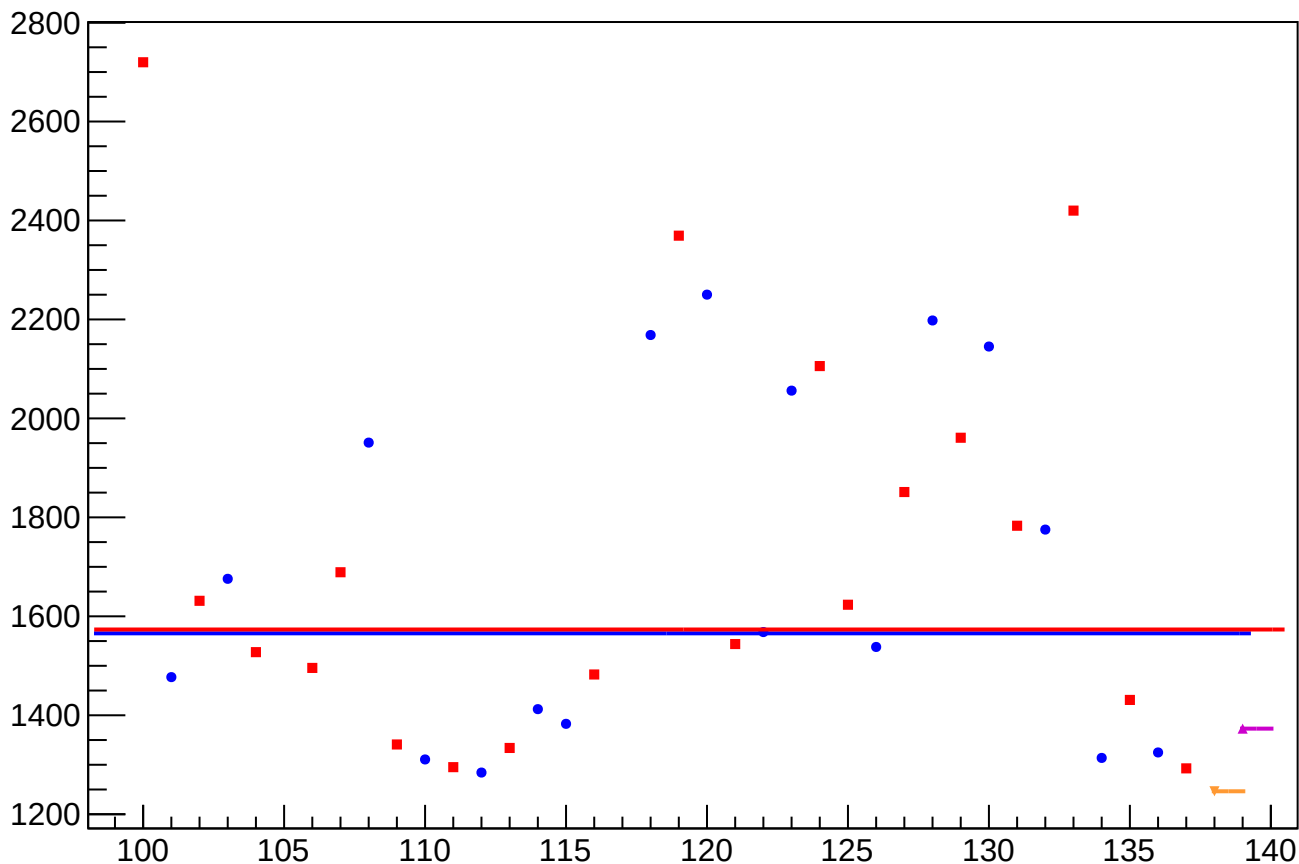
Right: -237.260 ± 431.744 χ^2/NDF : 40.8/35

In: 289.221 ± 574.413 χ^2/NDF : 28.3/17

Out: -917.300 ± 558.138 χ^2/NDF : 11.6/19

All: -331.374 ± 400.293 χ^2/NDF : 42.2/37

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: 1373.026+/-1.092 χ^2/NDF : 0.0/0

Left: 1307.038+/-0.755 χ^2/NDF : 7010.7/1

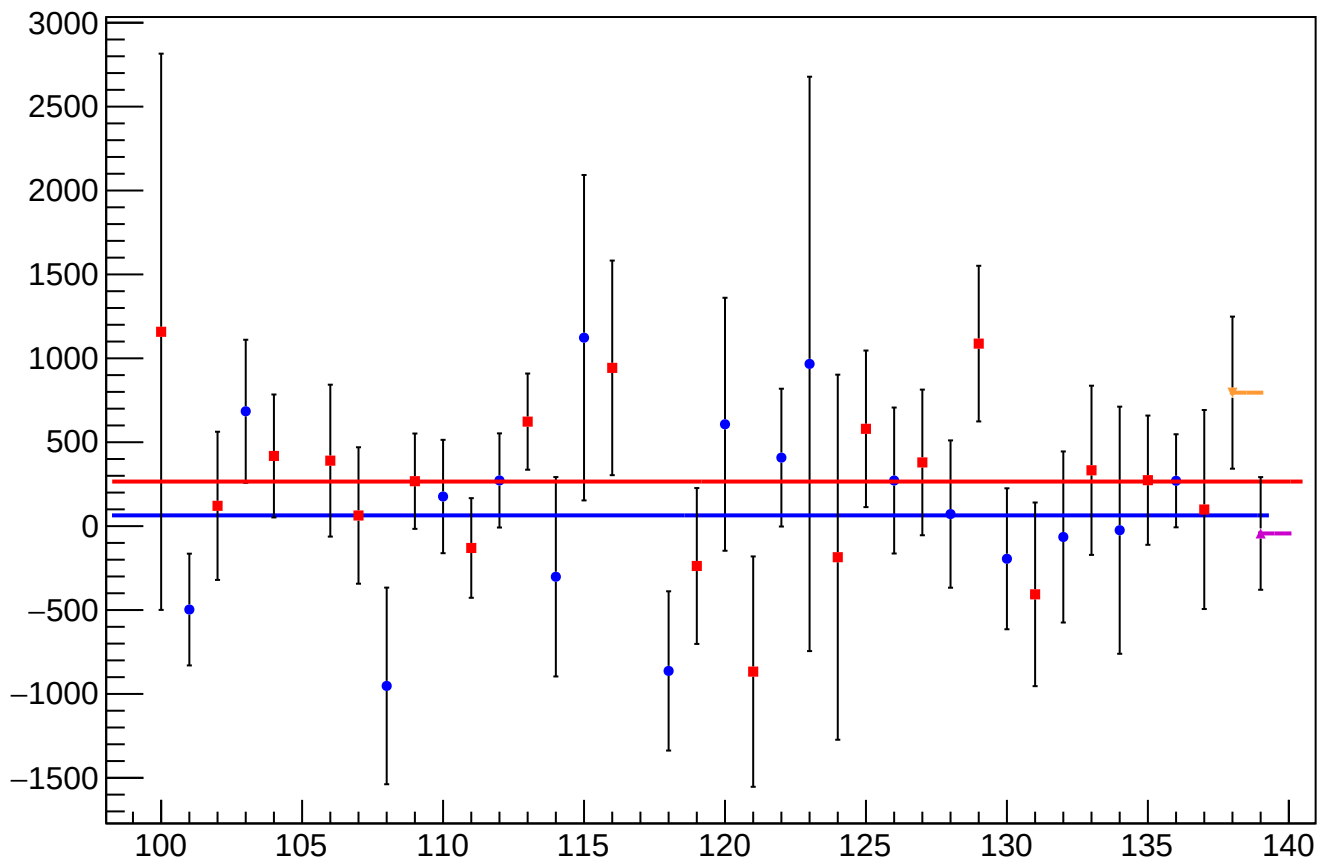
Right: 1569.597+/-0.305 χ^2/NDF : 952991.2/35

In: 1538.963+/-0.406 χ^2/NDF : 517605.6/17

Out: 1526.861+/-0.395 χ^2/NDF : 545775.5/19

All: 1532.738+/-0.283 χ^2/NDF : 1063837.8/37

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: -43.570+/-335.621 χ^2/NDF : 0.0/0

Left: 253.598+/-269.713 χ^2/NDF : 2.2/1

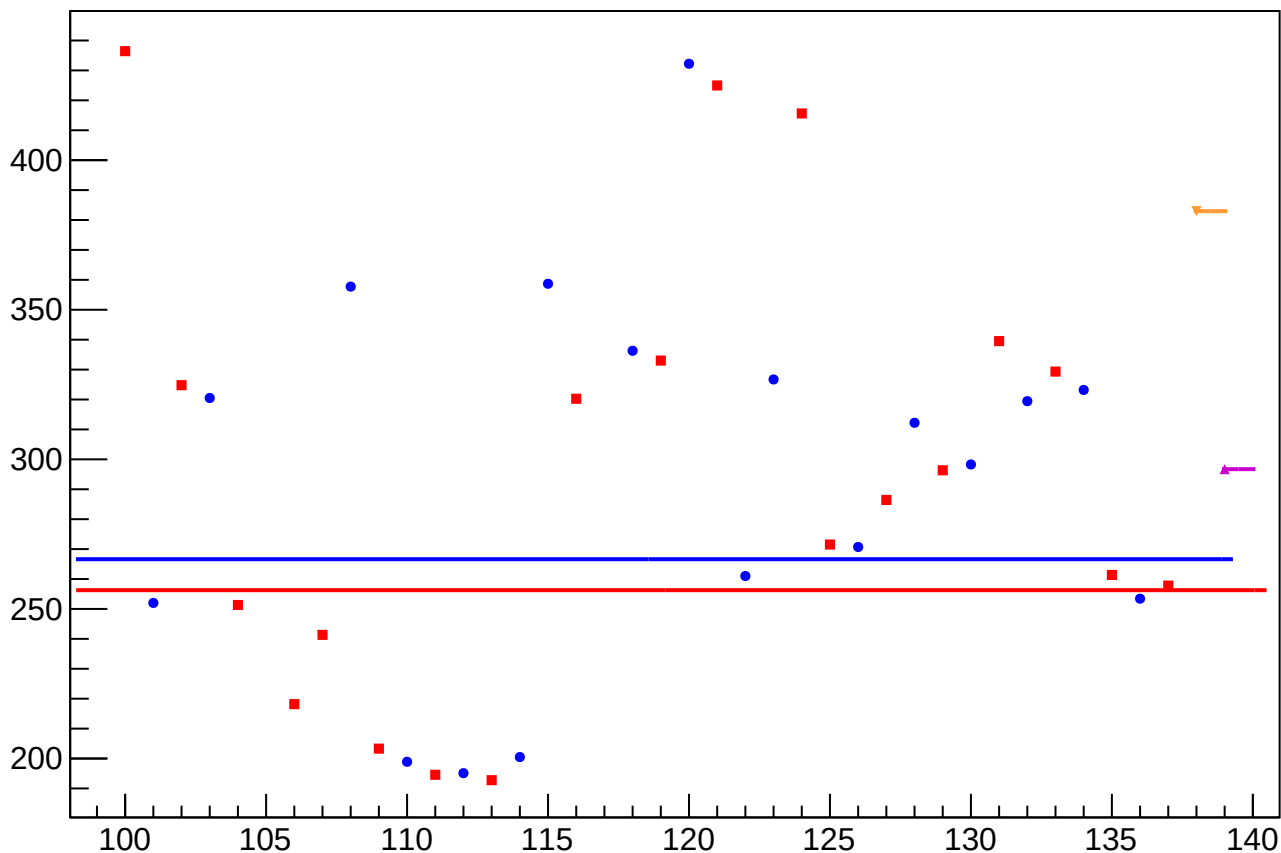
Right: 170.735+/-72.286 χ^2/NDF : 33.4/35

In: 54.433+/-100.503 χ^2/NDF : 16.8/17

Out: 289.968+/-97.073 χ^2/NDF : 16.0/19

All: 176.288+/-69.822 χ^2/NDF : 35.7/37

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 382.953 $\pm$ 0.320 χ^2 /NDF: 0.0/0

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

Left In: 296.722 $\pm$ 0.237 χ^2 /NDF: 0.0/0

Left: 327.264 $\pm$ 0.191 χ^2 /NDF: 46762.0/1

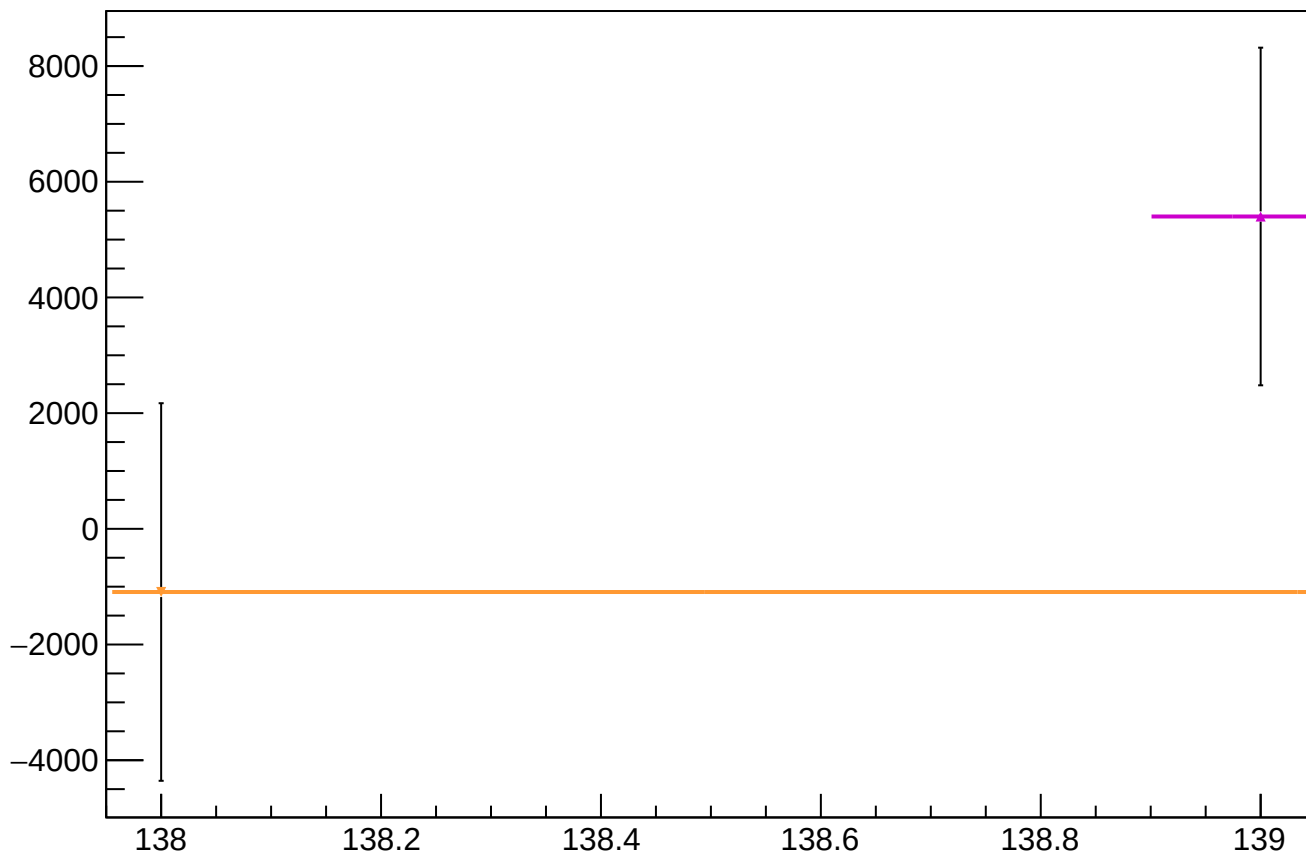
Right: 261.145 $\pm$ 0.051 χ^2 /NDF: 1257876.6/35

In: 269.323 $\pm$ 0.071 χ^2 /NDF: 565394.0/17

Out: 262.081 $\pm$ 0.069 χ^2 /NDF: 846007.0/19

All: 265.576 $\pm$ 0.049 χ^2 /NDF: 1416774.6/37

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: 5399.468+/-2918.477 χ^2/NDF : 0.0/0

Left: 2515.042+/-2175.531 χ^2/NDF : 2.2/1

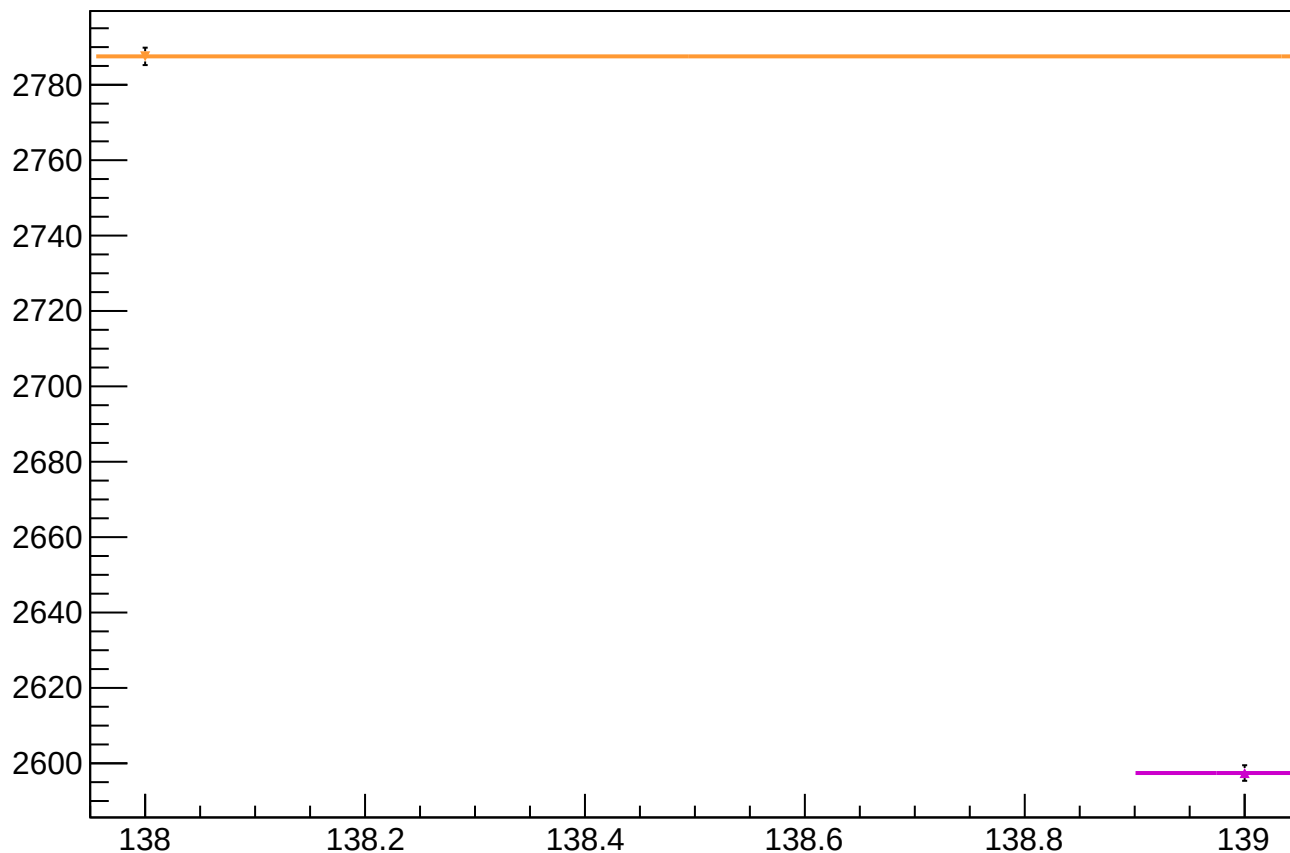
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5399.468+/-2918.477 χ^2/NDF : 0.0/0

Out: -1092.185+/-3263.723 χ^2/NDF : 0.0/0

All: 2515.042+/-2175.531 χ^2/NDF : 2.2/1

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: 2597.425+/-2.064 χ^2 /NDF:0.0/0

Left: 2681.899+/-1.538 χ^2 /NDF: 3771.0/1

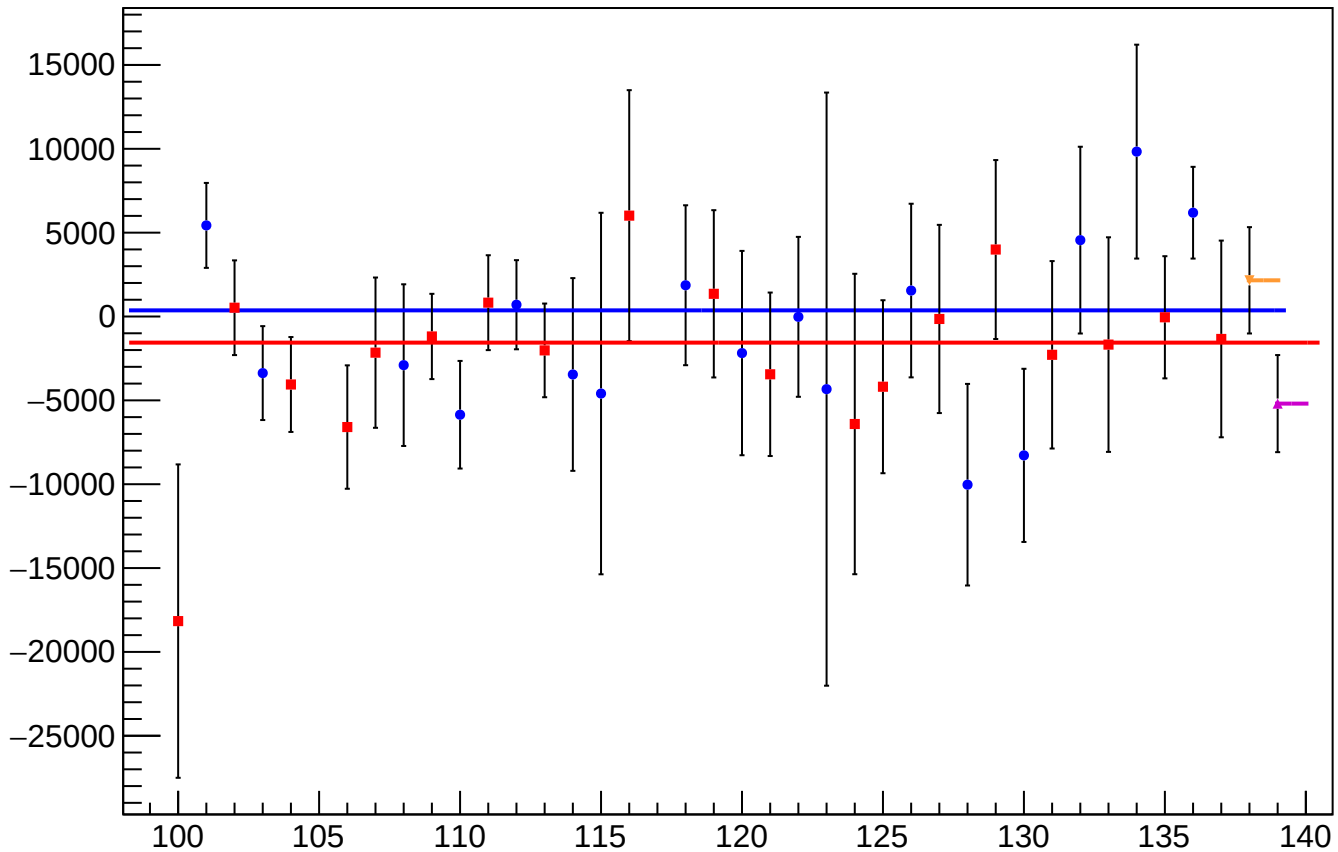
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 2597.425+/-2.064 χ^2 /NDF:0.0/0

Out: 2787.542+/-2.308 χ^2 /NDF:0.0/0

All: 2681.899+/-1.538 χ^2 /NDF: 3771.0/1

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: -5194.009+/-2894.994 χ^2/NDF : 0.0/0

Left: -1850.836+/-2137.787 χ^2/NDF : 2.9/1

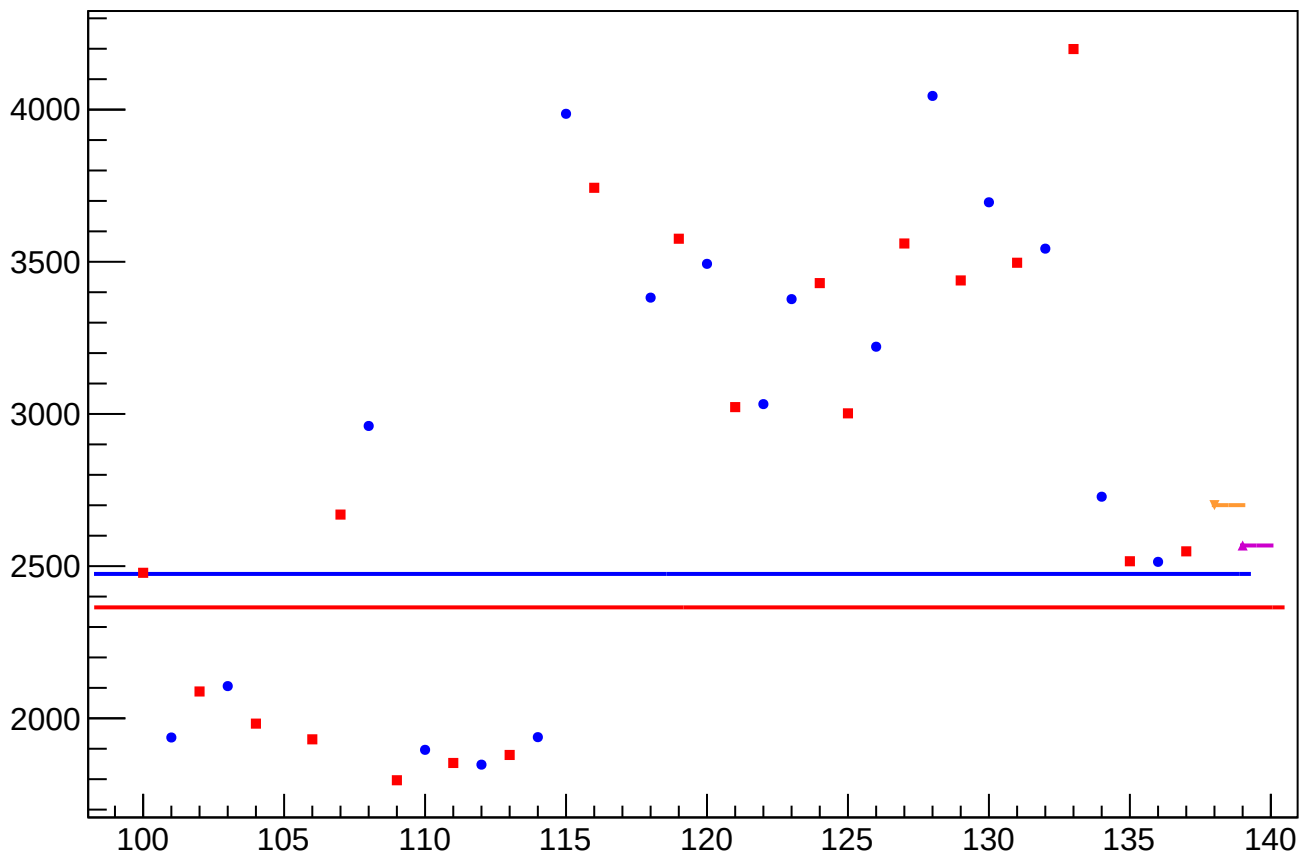
Right: -664.120+/-676.282 χ^2/NDF : 36.7/35

In: -218.336+/-938.842 χ^2/NDF : 27.5/17

Out: -1266.456+/-887.093 χ^2/NDF : 11.8/19

All: -772.077+/-644.788 χ^2/NDF : 39.9/37

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: 2567.849 $\pm$ 2.047 χ^2 /NDF:0.0/0

Left: 2628.131 $\pm$ 1.512 χ^2 /NDF: 1907.1/1

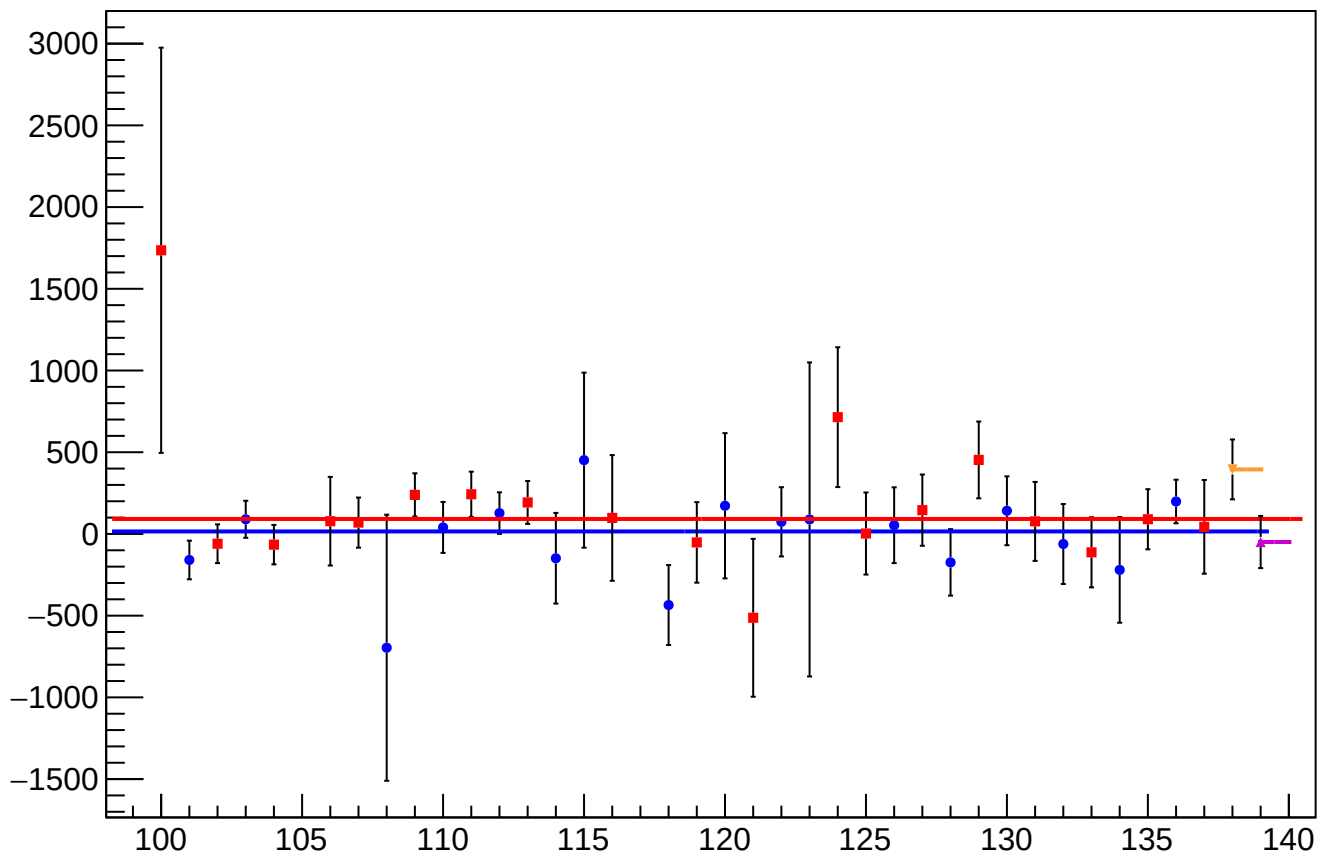
Right: 2415.527 $\pm$ 0.478 χ^2 /NDF: 1942797.3/35

In: 2484.218 $\pm$ 0.664 χ^2 /NDF:908127.3/17

Out: 2390.808 $\pm$ 0.627 χ^2 /NDF:1044098.5/19

All: 2434.868 $\pm$ 0.456 χ^2 /NDF: 1962685.7/37

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: -49.300+/-159.675 χ^2/NDF : 0.0/0

Left: 142.346+/-120.390 χ^2/NDF : 3.3/1

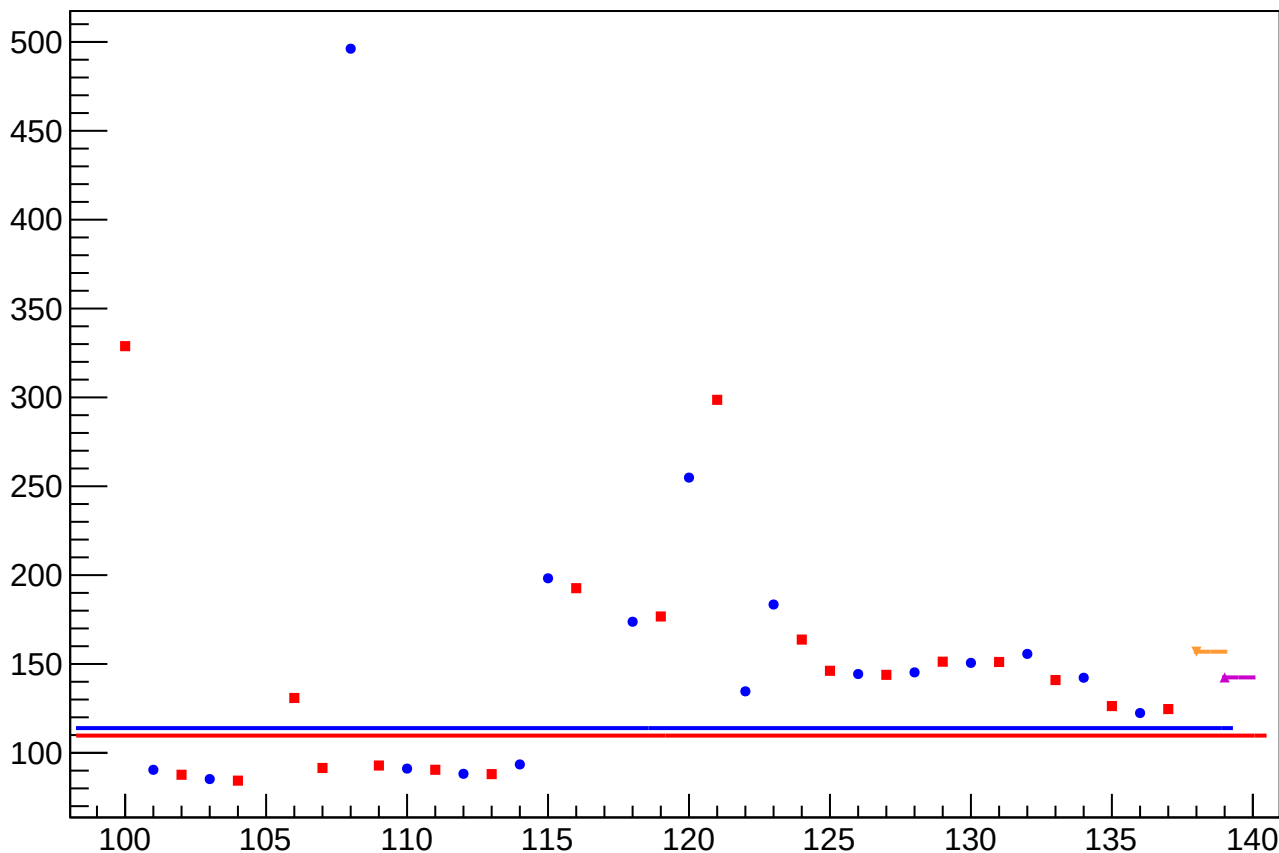
Right: 56.123+/-31.678 χ^2/NDF : 29.7/35

In: 10.264+/-44.595 χ^2/NDF : 12.7/17

Out: 107.676+/-42.157 χ^2/NDF : 18.2/19

All: 61.706+/-30.635 χ^2/NDF : 33.5/37

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: 142.442+/-0.113 χ^2/NDF : 0.0/0

Left: 148.688+/-0.085 χ^2/NDF : 7092.7/1

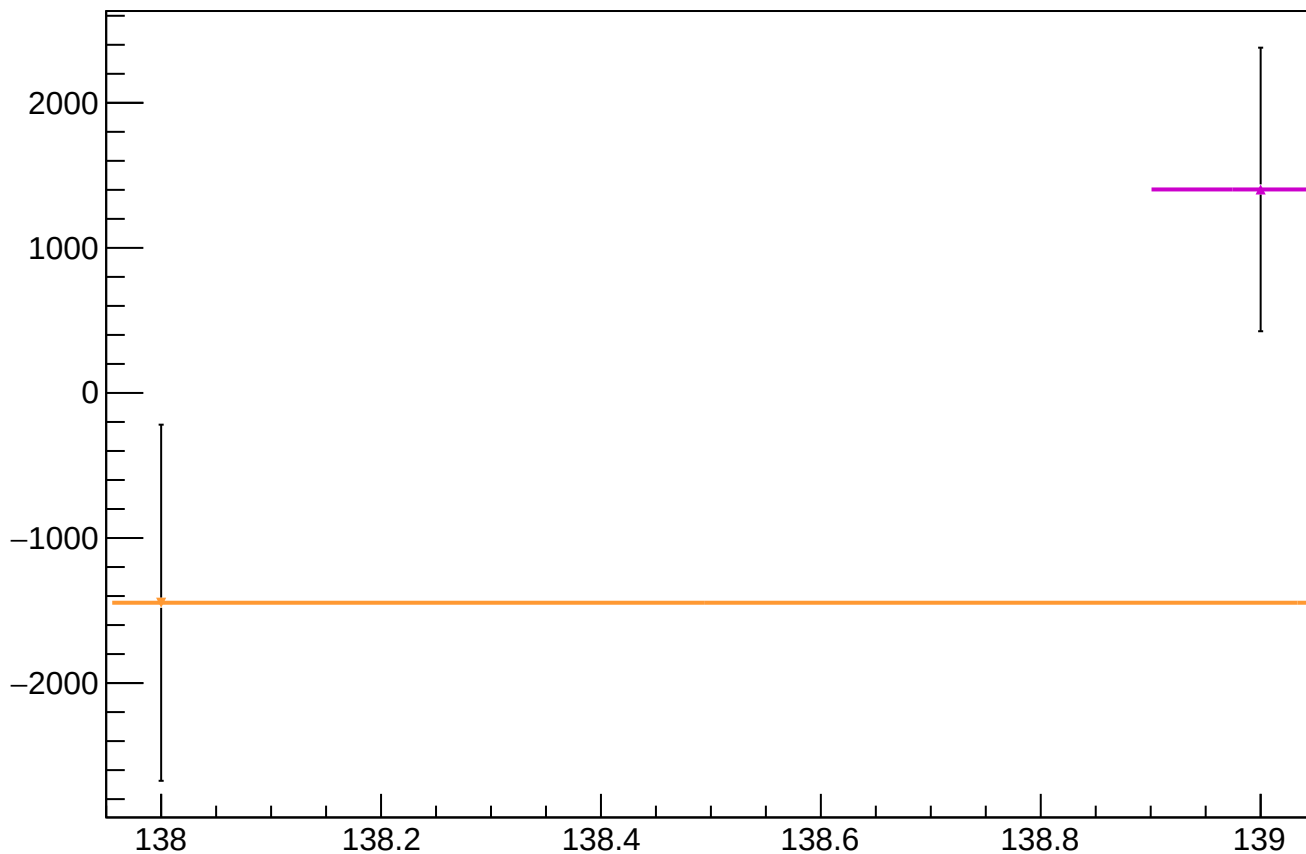
Right: 111.674+/-0.022 χ^2/NDF : 2658703.6/35

In: 116.156+/-0.032 χ^2/NDF : 1466637.3/17

Out: 112.207+/-0.030 χ^2/NDF : 1367698.2/19

All: 114.071+/-0.022 χ^2/NDF : 2842614.0/37

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: 1402.758+/-977.399 χ^2/NDF : 0.0/0

Left: 297.332+/-764.614 χ^2/NDF : 3.3/1

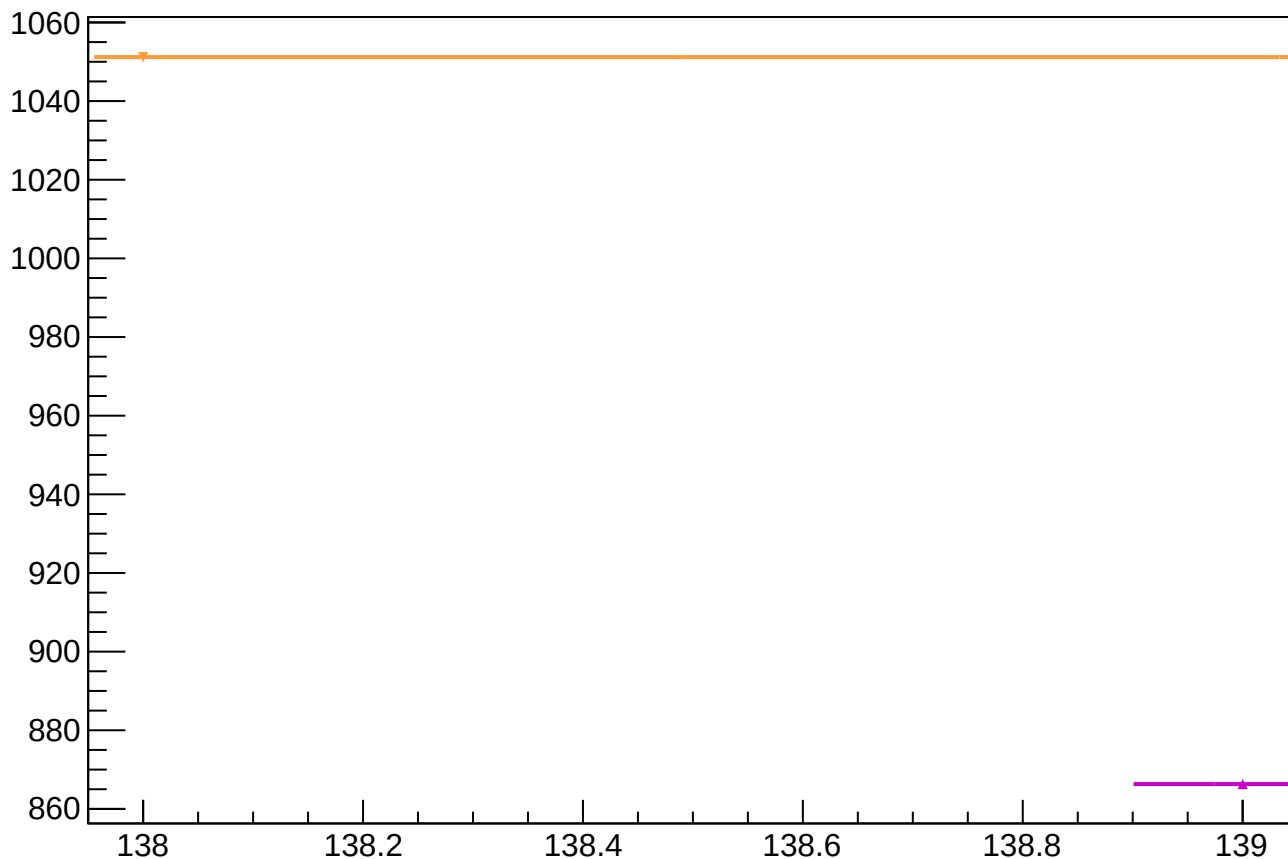
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1402.758+/-977.399 χ^2/NDF : 0.0/0

Out: -1446.171+/-1227.491 χ^2/NDF : 0.0/0

All: 297.332+/-764.614 χ^2/NDF : 3.3/1

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: 866.314+/-0.691 χ^2/NDF : 0.0/0

Left: 938.049+/-0.541 χ^2/NDF : 27765.2/1

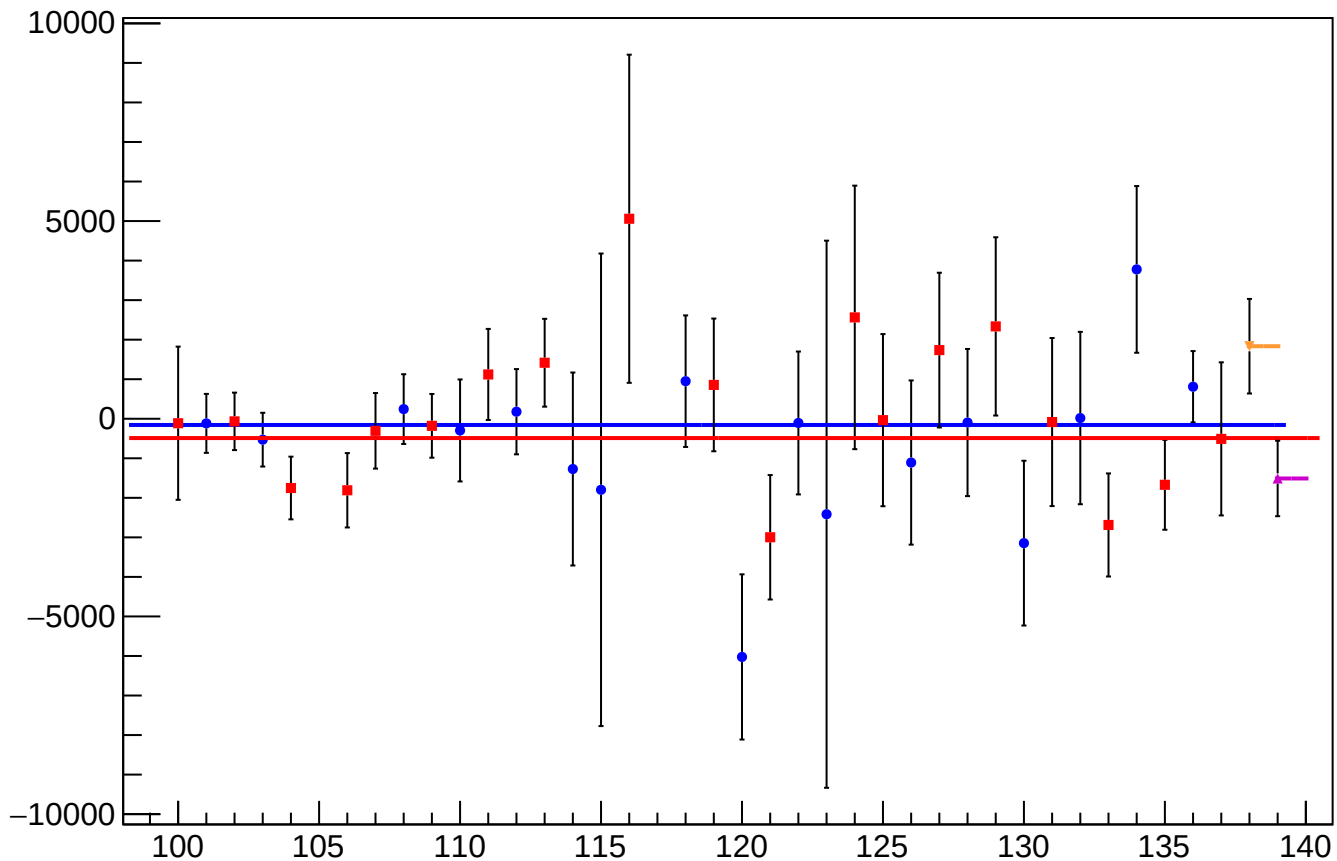
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 866.314+/-0.691 χ^2/NDF : 0.0/0

Out: 1051.191+/-0.868 χ^2/NDF : 0.0/0

All: 938.049+/-0.541 χ^2/NDF : 27765.2/1

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF : 16.2/16

Left Out: 1834.626+/-1196.127 χ^2/NDF : 0.0/0

Right Out: -488.583+/-282.758 χ^2/NDF : 22.6/18

Left In: -1510.517+/-954.370 χ^2/NDF : 0.0/0

Left: -209.310+/-746.008 χ^2/NDF : 4.8/1

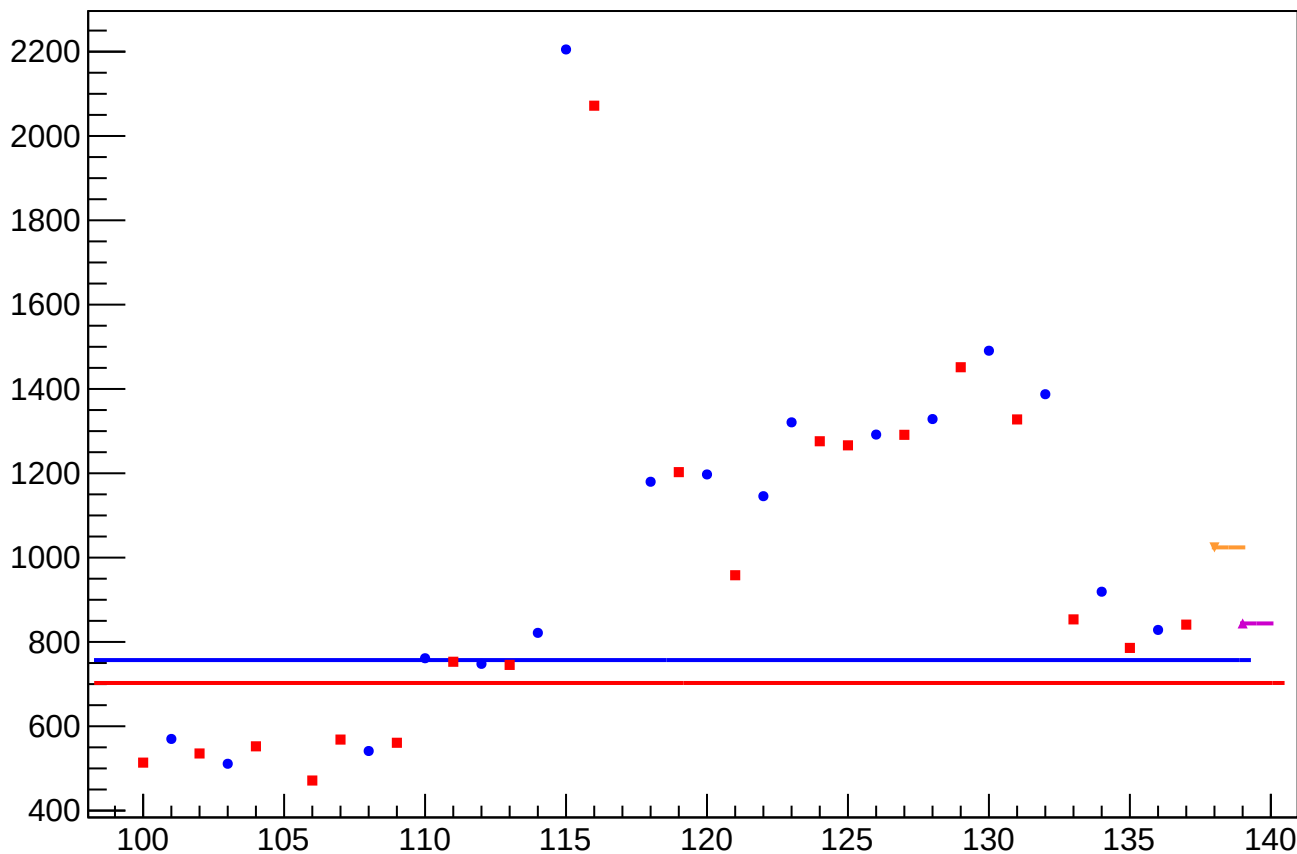
Right: -339.397+/-209.669 χ^2/NDF : 39.5/35

In: -288.229+/-296.984 χ^2/NDF : 18.1/17

Out: -365.627+/-275.174 χ^2/NDF : 26.2/19

All: -329.874+/-201.848 χ^2/NDF : 44.3/37

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: 843.886+/-0.675 χ^2/NDF : 0.0/0

Left: 914.039+/-0.528 χ^2/NDF : 27781.2/1

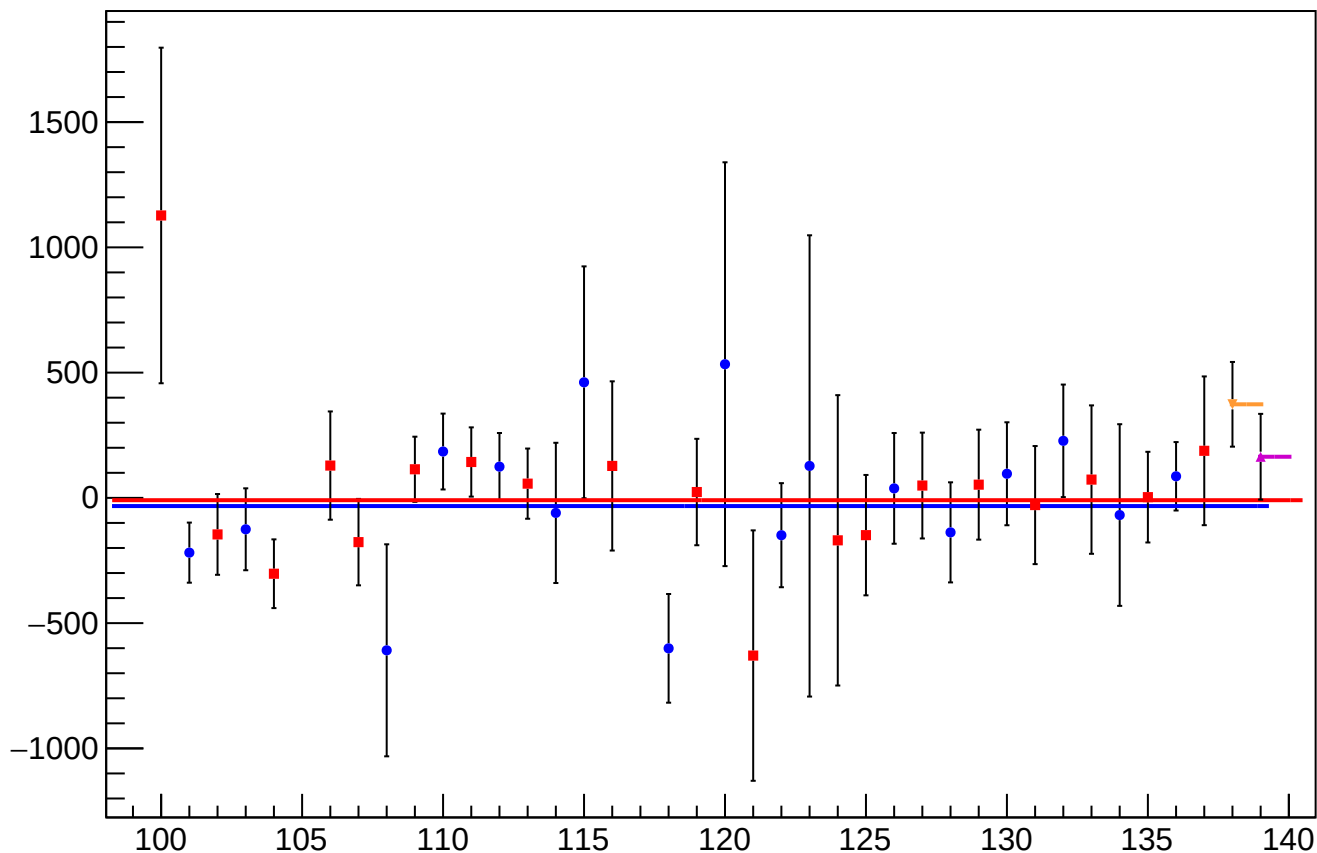
Right: 727.113+/-0.148 χ^2/NDF : 3434103.1/35

In: 765.400+/-0.210 χ^2/NDF : 1726262.5/17

Out: 719.676+/-0.195 χ^2/NDF : 1826488.9/19

All: 740.797+/-0.143 χ^2/NDF : 3578260.4/37

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: 164.186 ± 171.168 χ^2/NDF : 0.0/0

Left: 270.140 ± 120.286 χ^2/NDF : 0.8/1

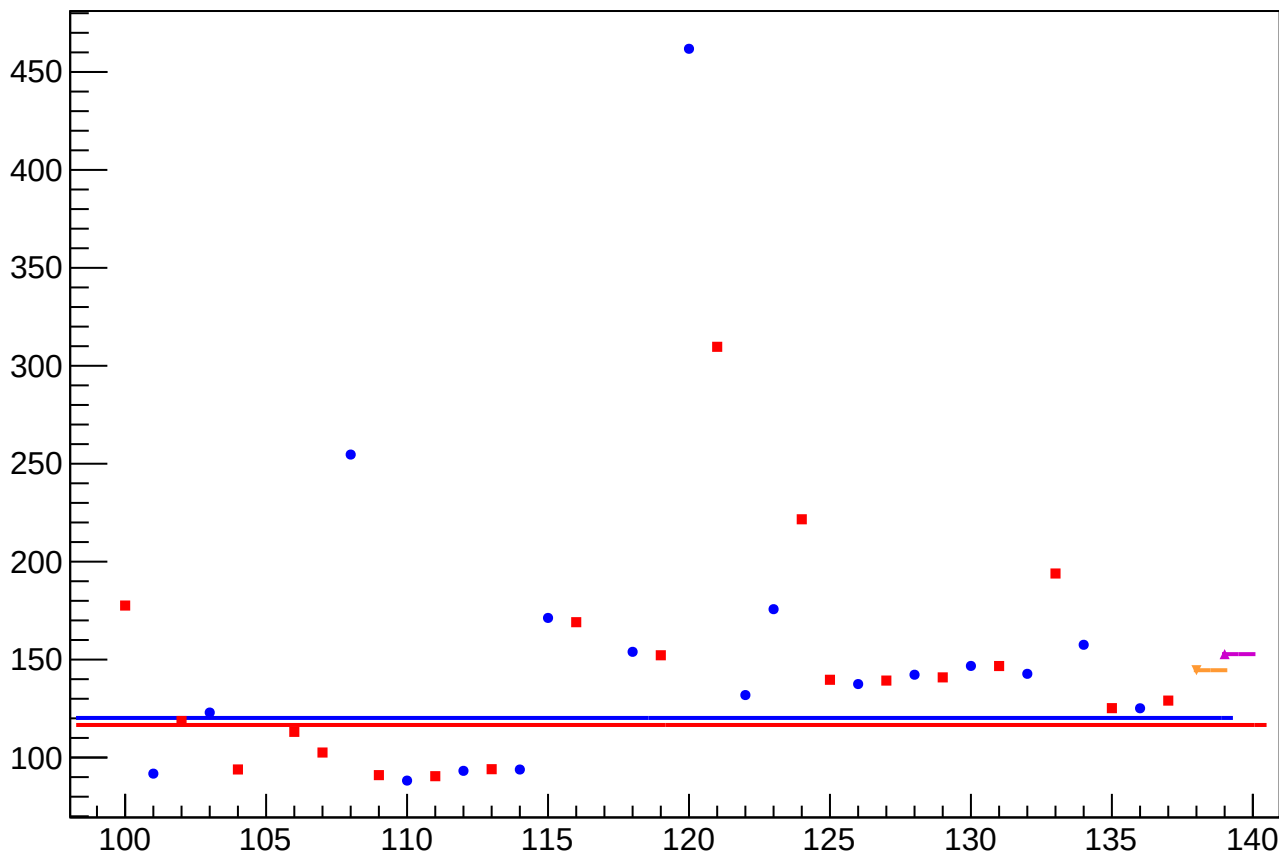
Right: -20.281 ± 33.200 χ^2/NDF : 34.6/35

In: -18.100 ± 46.602 χ^2/NDF : 21.0/17

Out: 16.680 ± 44.026 χ^2/NDF : 19.5/19

All: 0.277 ± 32.003 χ^2/NDF : 40.7/37

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 144.571 $\pm$ 0.120 χ^2 /NDF:0.0/0

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

Left In: 152.785 $\pm$ 0.121 χ^2 /NDF:0.0/0

Left: 148.628 $\pm$ 0.085 χ^2 /NDF: 2331.3/1

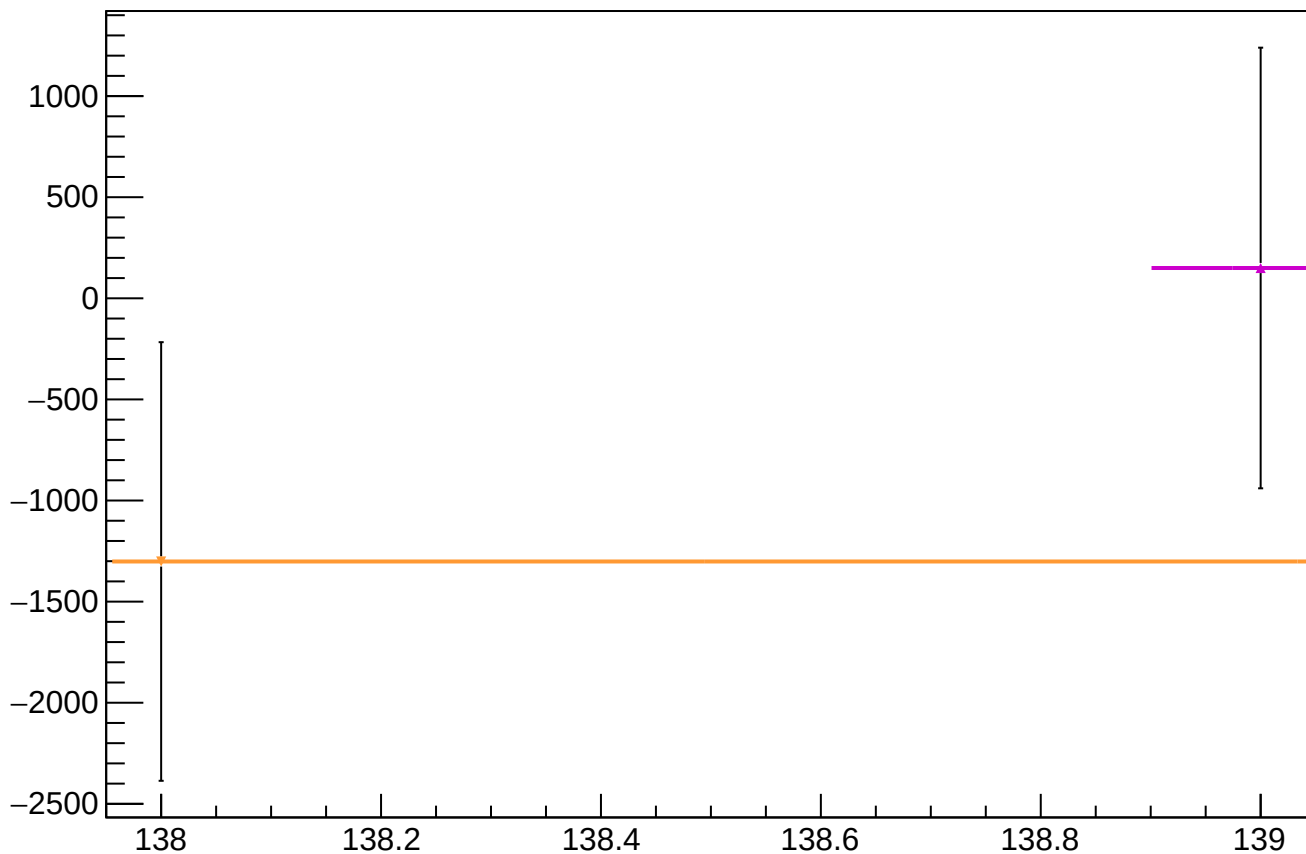
Right: 118.304 $\pm$ 0.023 χ^2 /NDF: 2066104.2/35

In: 122.622 $\pm$ 0.033 χ^2 /NDF:1129408.2/17

Out: 118.513 $\pm$ 0.031 χ^2 /NDF:1048920.2/19

All: 120.451 $\pm$ 0.023 χ^2 /NDF: 2186540.5/37

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: 149.888+/-1089.591 χ^2/NDF : 0.0/0

Left: -579.153+/-768.675 χ^2/NDF : 0.9/1

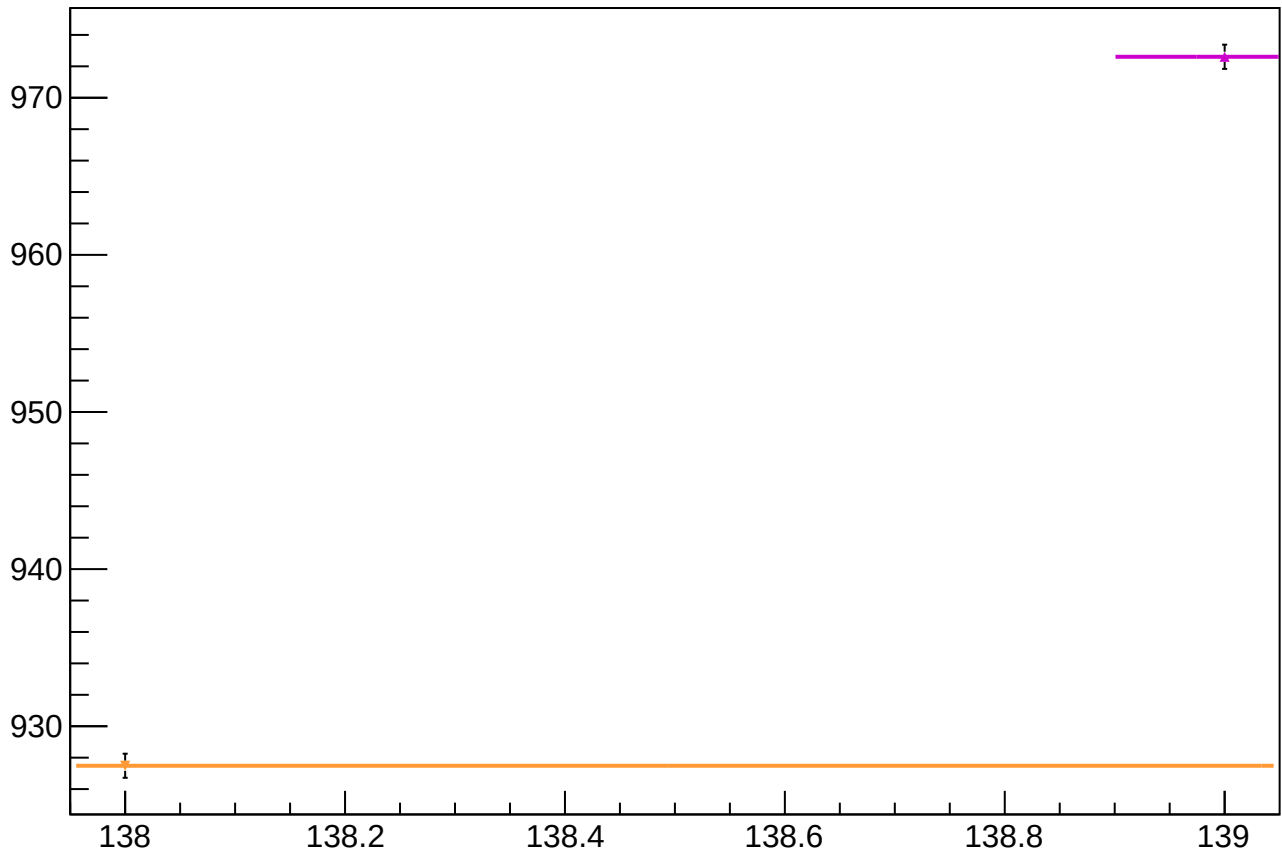
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 149.888+/-1089.591 χ^2/NDF : 0.0/0

Out: -1301.487+/-1084.568 χ^2/NDF : 0.0/0

All: -579.153+/-768.675 χ^2/NDF : 0.9/1

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 927.485 $\pm$ 0.767 χ^2/NDF : 0.0/0

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

Left In: 972.608 $\pm$ 0.770 χ^2/NDF : 0.0/0

Left: 949.942 $\pm$ 0.544 χ^2/NDF : 1723.0/1

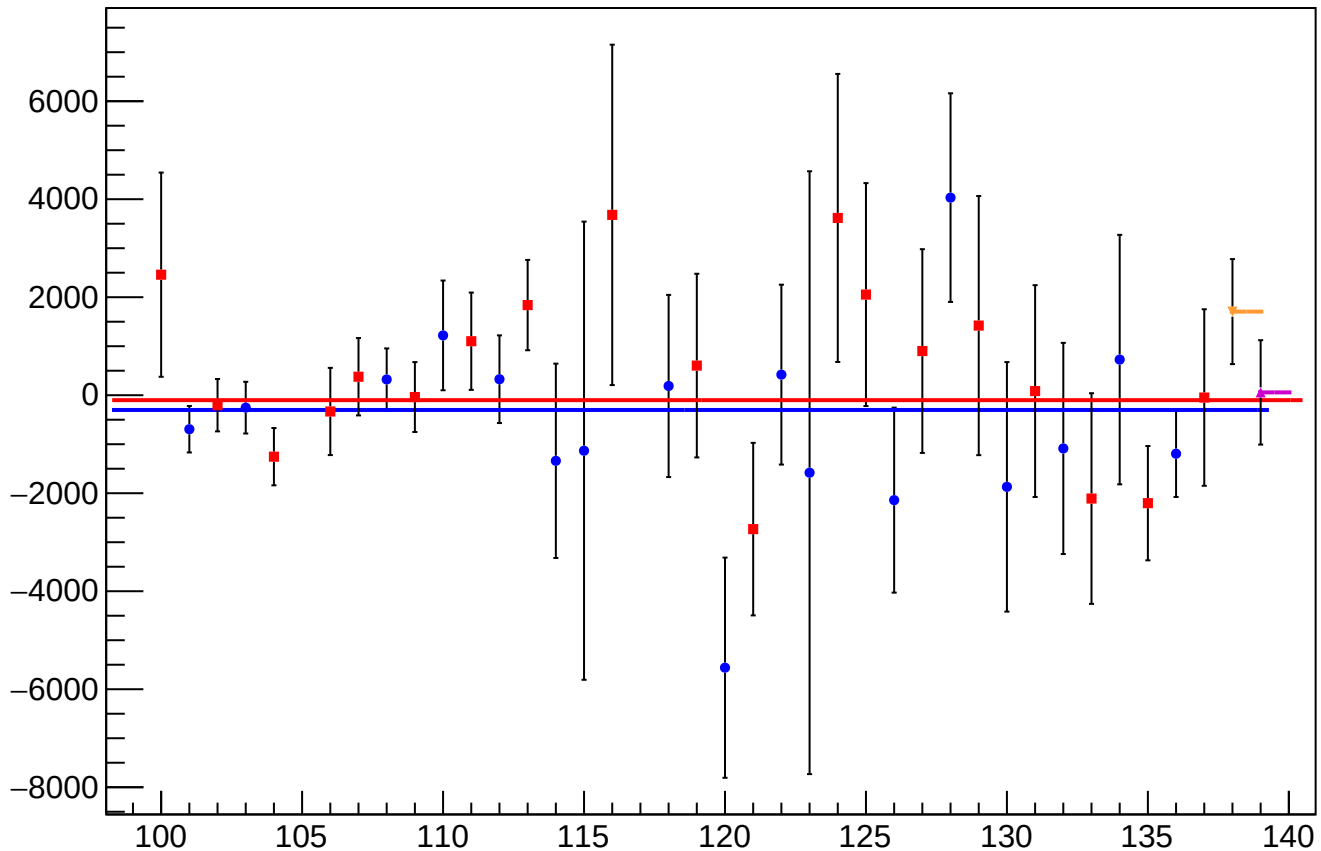
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 972.608 $\pm$ 0.770 χ^2/NDF : 0.0/0

Out: 927.485 $\pm$ 0.767 χ^2/NDF : 0.0/0

All: 949.942 $\pm$ 0.544 χ^2/NDF : 1723.0/1

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 ± 250.042 $\chi^2/\text{NDF}: 16.8/16$

Left Out: 1706.383 ± 1071.778 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -100.857 ± 245.981 $\chi^2/\text{NDF}: 22.5/18$

Left In: 57.659 ± 1065.130 $\chi^2/\text{NDF}: 0.0/0$

Left: 876.892 ± 755.500 $\chi^2/\text{NDF}: 1.2/1$

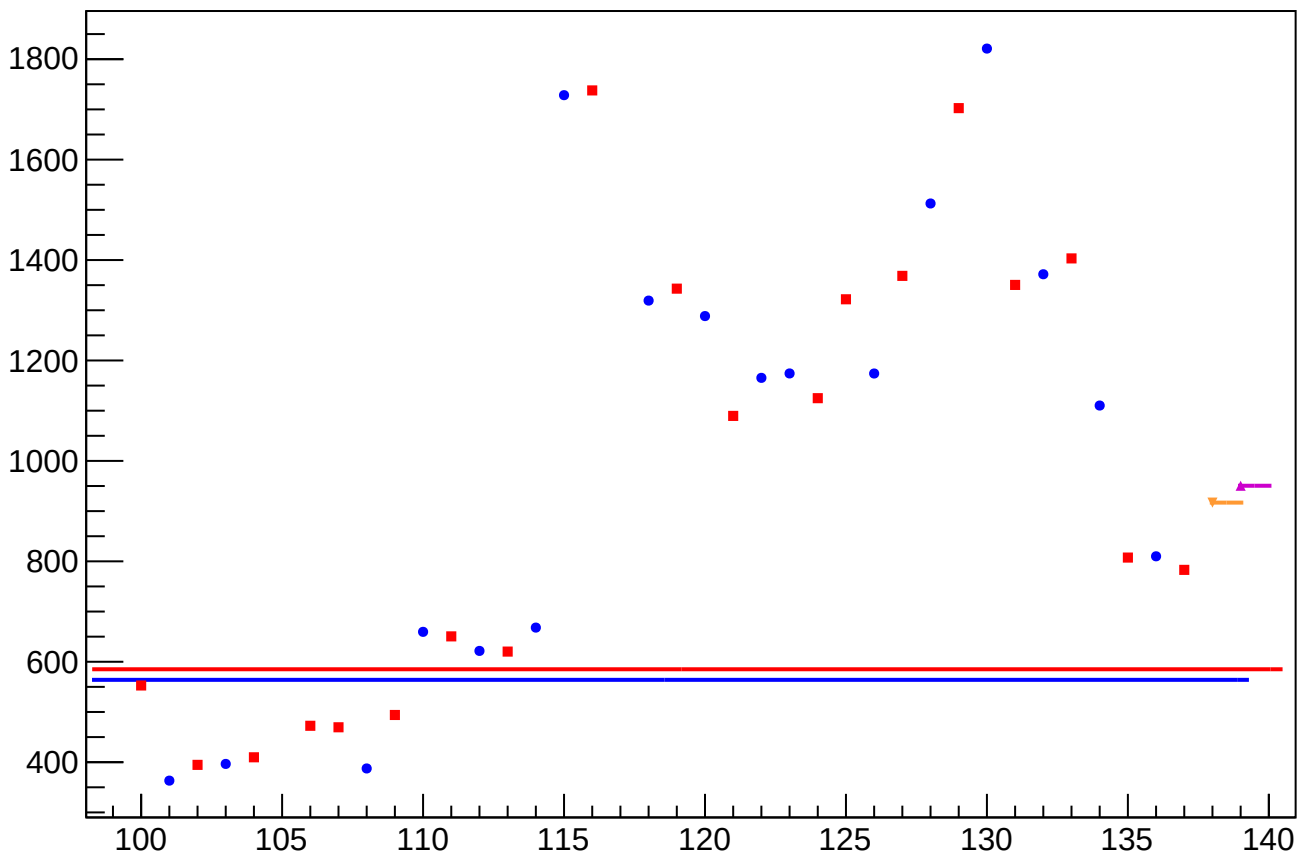
Right: -199.290 ± 175.353 $\chi^2/\text{NDF}: 39.7/35$

In: -282.267 ± 243.425 $\chi^2/\text{NDF}: 17.0/17$

Out: -10.427 ± 239.748 $\chi^2/\text{NDF}: 25.2/19$

All: -144.278 ± 170.813 $\chi^2/\text{NDF}: 42.8/37$

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: 950.521 ± 0.753 χ^2/NDF : 0.0/0

Left: 933.840 ± 0.534 χ^2/NDF : 987.3/1

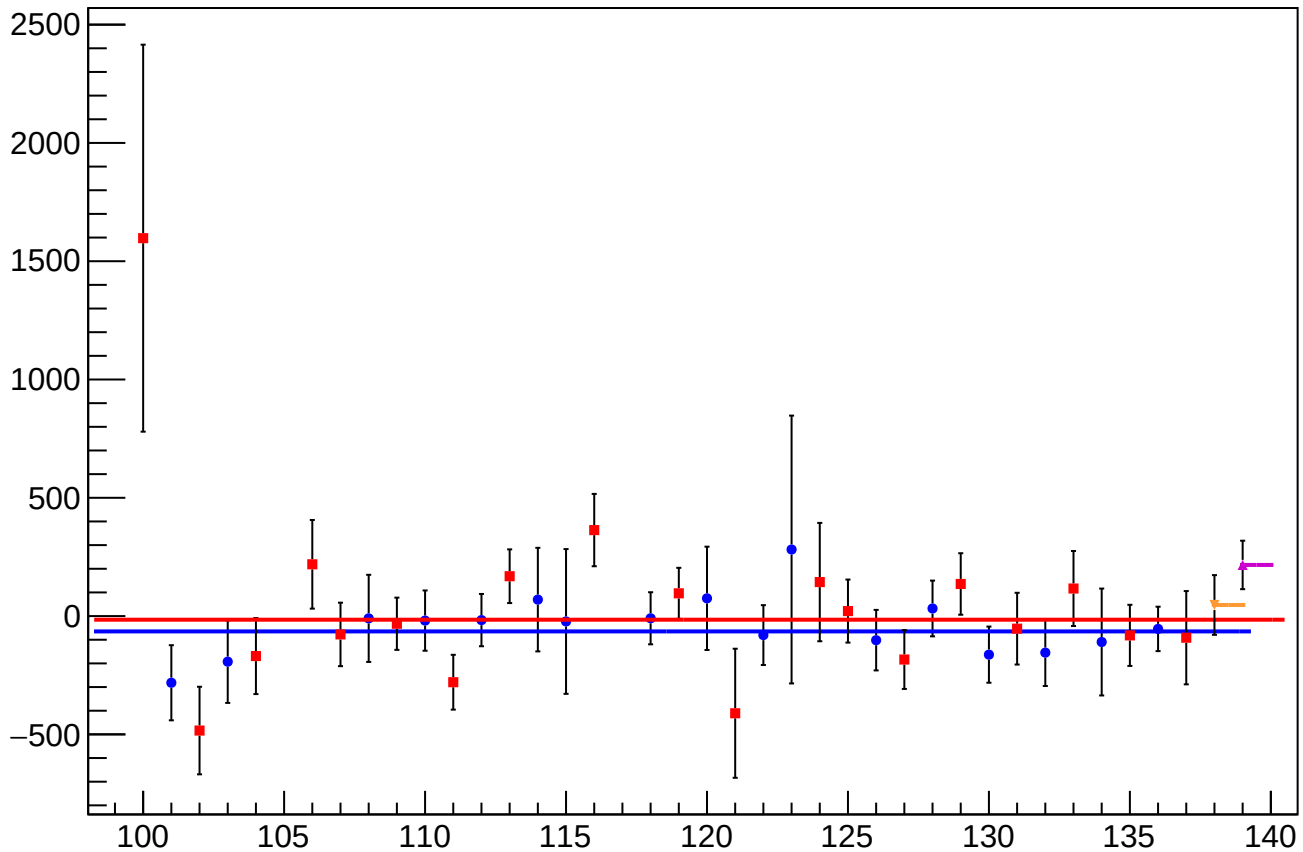
Right: 574.709 ± 0.124 χ^2/NDF : 6089543.5/35

In: 584.191 ± 0.172 χ^2/NDF : 3511103.6/17

Out: 601.676 ± 0.170 χ^2/NDF : 3003012.8/19

All: 593.067 ± 0.121 χ^2/NDF : 6519354.2/37

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: 216.196 ± 102.413 χ^2/NDF : 0.0/0

Left: 148.981 ± 79.515 χ^2/NDF : 1.1/1

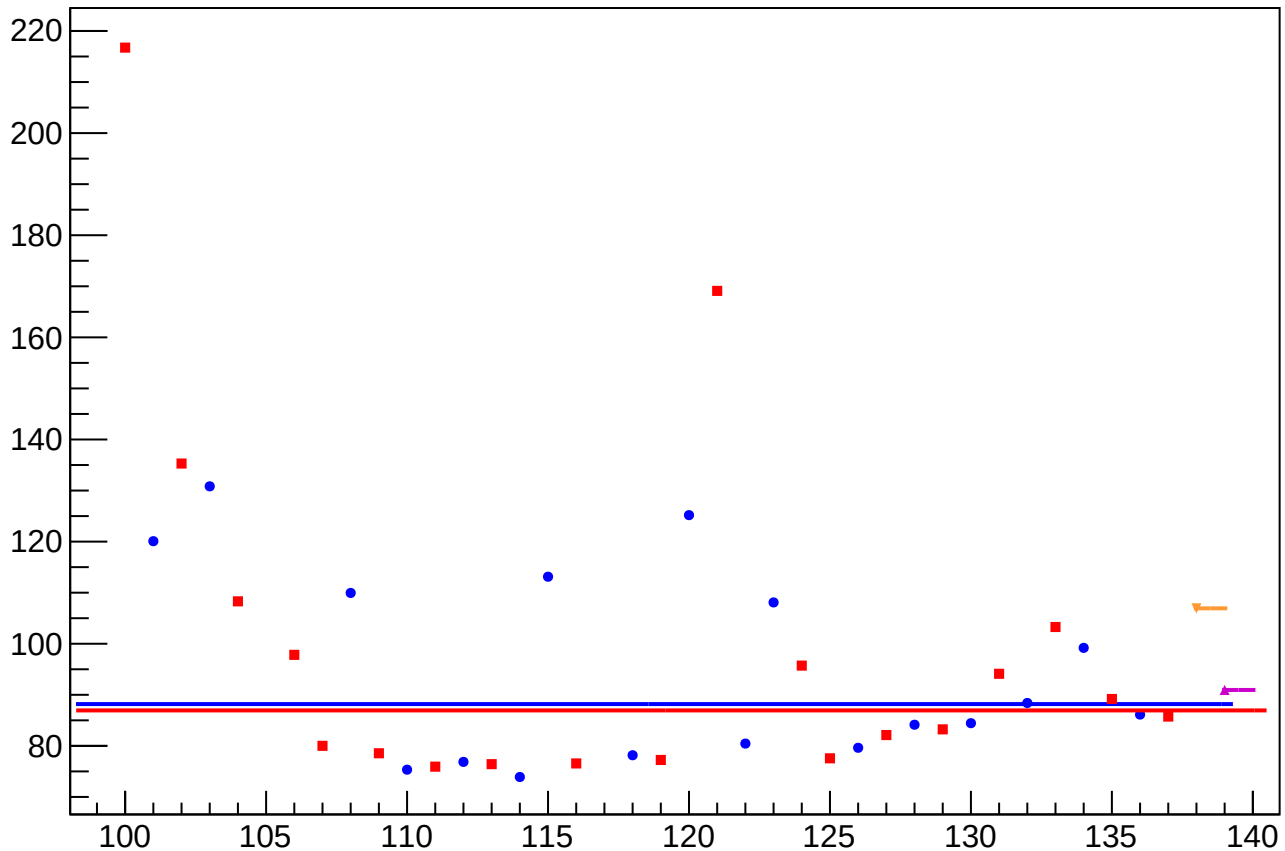
Right: -39.167 ± 24.048 χ^2/NDF : 42.2/35

In: -35.966 ± 32.805 χ^2/NDF : 12.9/17

Out: -11.212 ± 32.307 χ^2/NDF : 35.2/19

All: -23.400 ± 23.019 χ^2/NDF : 48.4/37

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186 $\pm$ 0.024 χ^2 /NDF: 394447.7/16

Left Out: 106.935 $\pm$ 0.089 χ^2 /NDF: 0.0/0

Right Out: 86.943 $\pm$ 0.024 χ^2 /NDF: 531359.9/18

Left In: 90.949 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Left: 97.298 $\pm$ 0.056 χ^2 /NDF: 19353.8/1

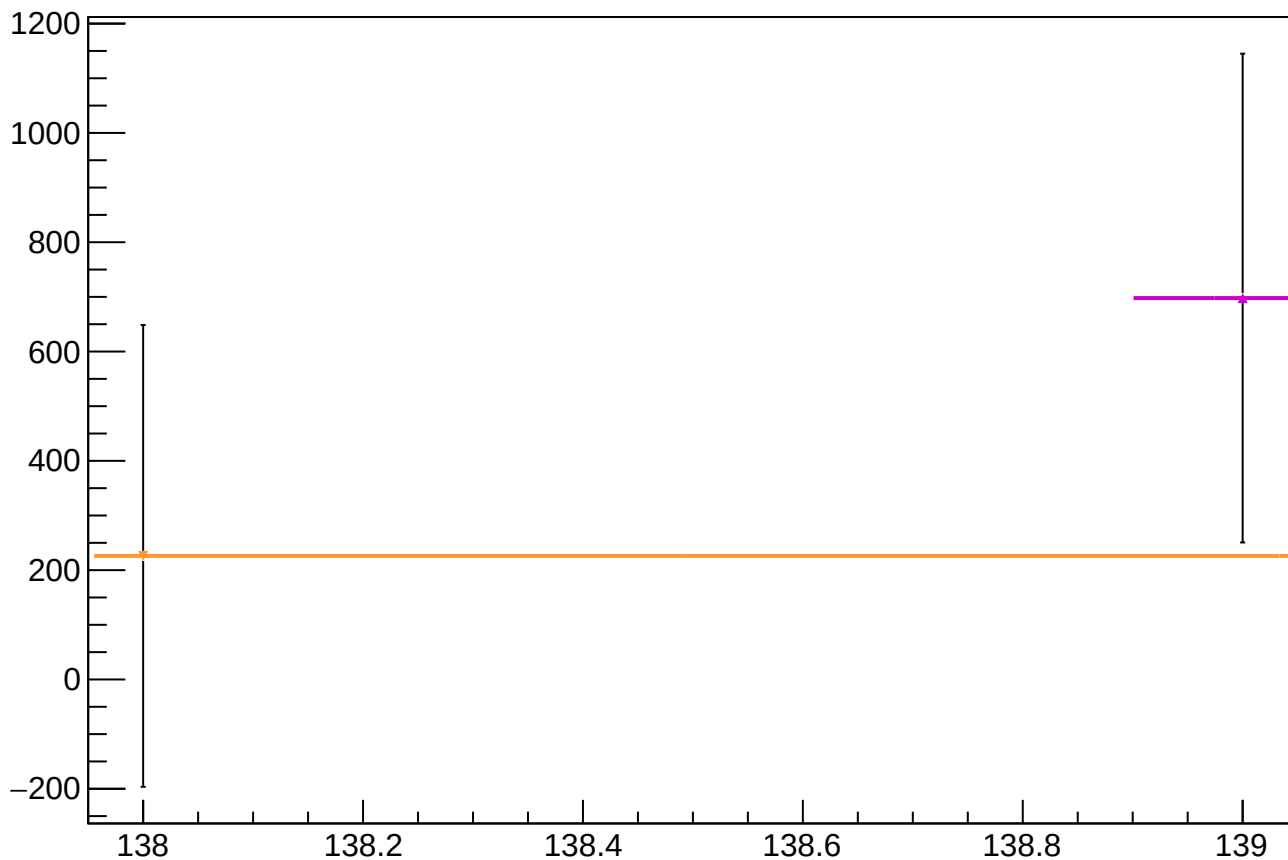
Right: 87.542 $\pm$ 0.017 χ^2 /NDF: 927142.1/35

In: 88.470 $\pm$ 0.023 χ^2 /NDF: 395754.3/17

Out: 88.254 $\pm$ 0.023 χ^2 /NDF: 578282.1/19

All: 88.360 $\pm$ 0.016 χ^2 /NDF: 974080.5/37

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: 697.821+/-447.173 χ^2/NDF : 0.0/0

Left: 448.500+/-307.070 χ^2/NDF : 0.6/1

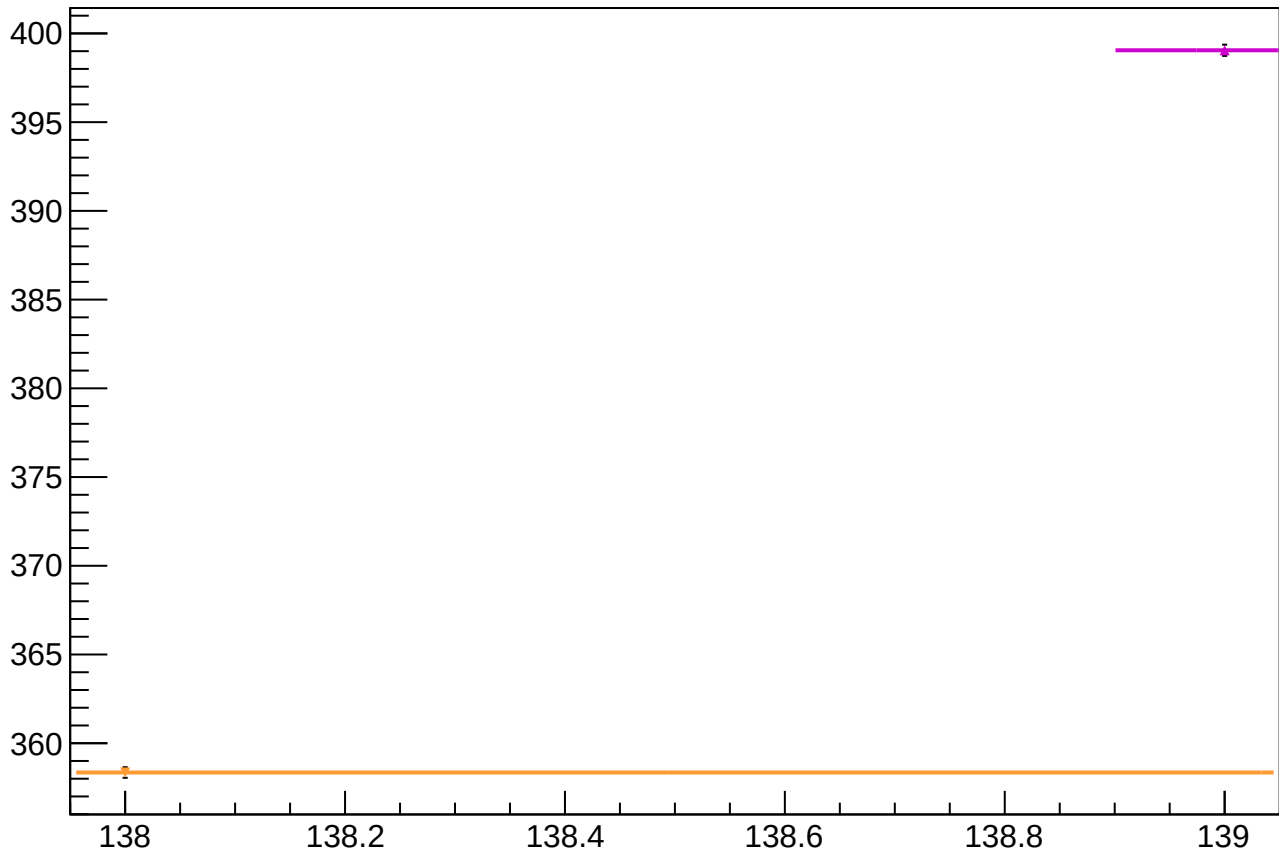
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 697.821+/-447.173 χ^2/NDF : 0.0/0

Out: 226.028+/-422.409 χ^2/NDF : 0.0/0

All: 448.500+/-307.070 χ^2/NDF : 0.6/1

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: 399.050+/-0.316 χ^2/NDF : 0.0/0

Left: 377.542+/-0.217 χ^2/NDF : 8755.5/1

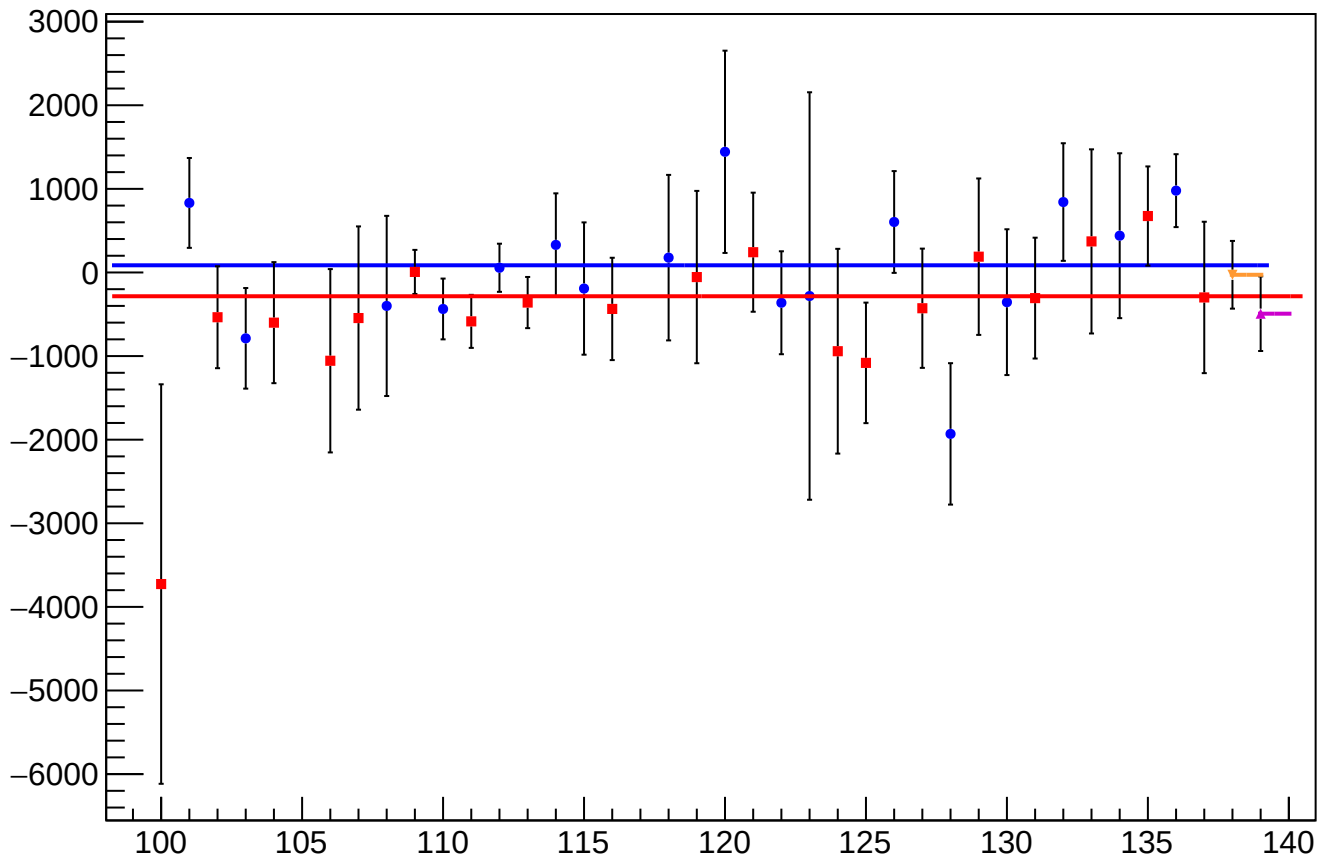
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 399.050+/-0.316 χ^2/NDF : 0.0/0

Out: 358.350+/-0.299 χ^2/NDF : 0.0/0

All: 377.542+/-0.217 χ^2/NDF : 8755.5/1

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 ± 142.601 $\chi^2/\text{NDF}: 20.6/16$

Left Out: -27.745 ± 405.009 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -284.456 ± 129.599 $\chi^2/\text{NDF}: 10.6/18$

Left In: -493.102 ± 446.341 $\chi^2/\text{NDF}: 0.0/0$

Left: -237.884 ± 299.935 $\chi^2/\text{NDF}: 0.6/1$

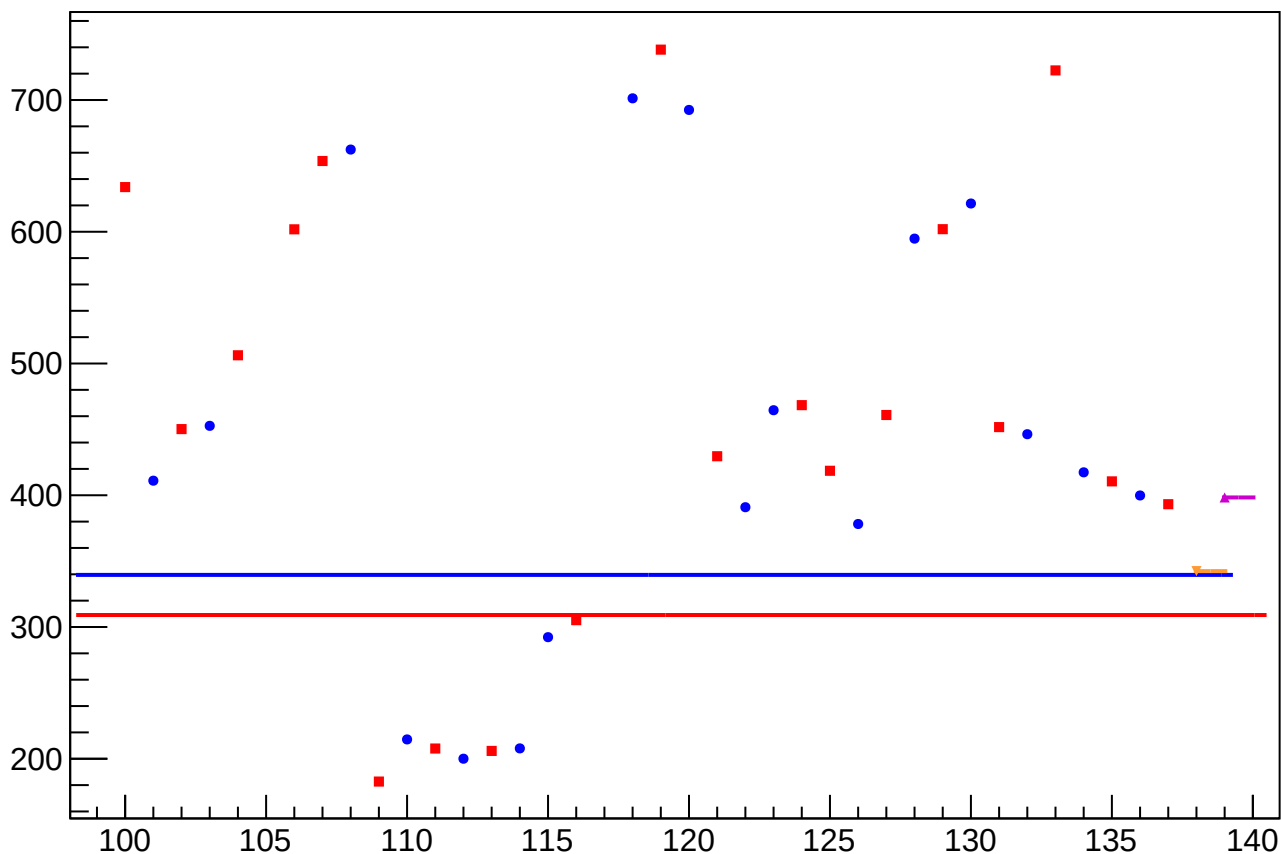
Right: -116.969 ± 95.908 $\chi^2/\text{NDF}: 34.9/35$

In: 32.192 ± 135.836 $\chi^2/\text{NDF}: 22.1/17$

Out: -260.612 ± 123.434 $\chi^2/\text{NDF}: 11.0/19$

All: -128.185 ± 91.352 $\chi^2/\text{NDF}: 35.6/37$

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: 398.333+/-0.316 χ^2/NDF : 0.0/0

Left: 367.663+/-0.212 χ^2/NDF : 17218.6/1

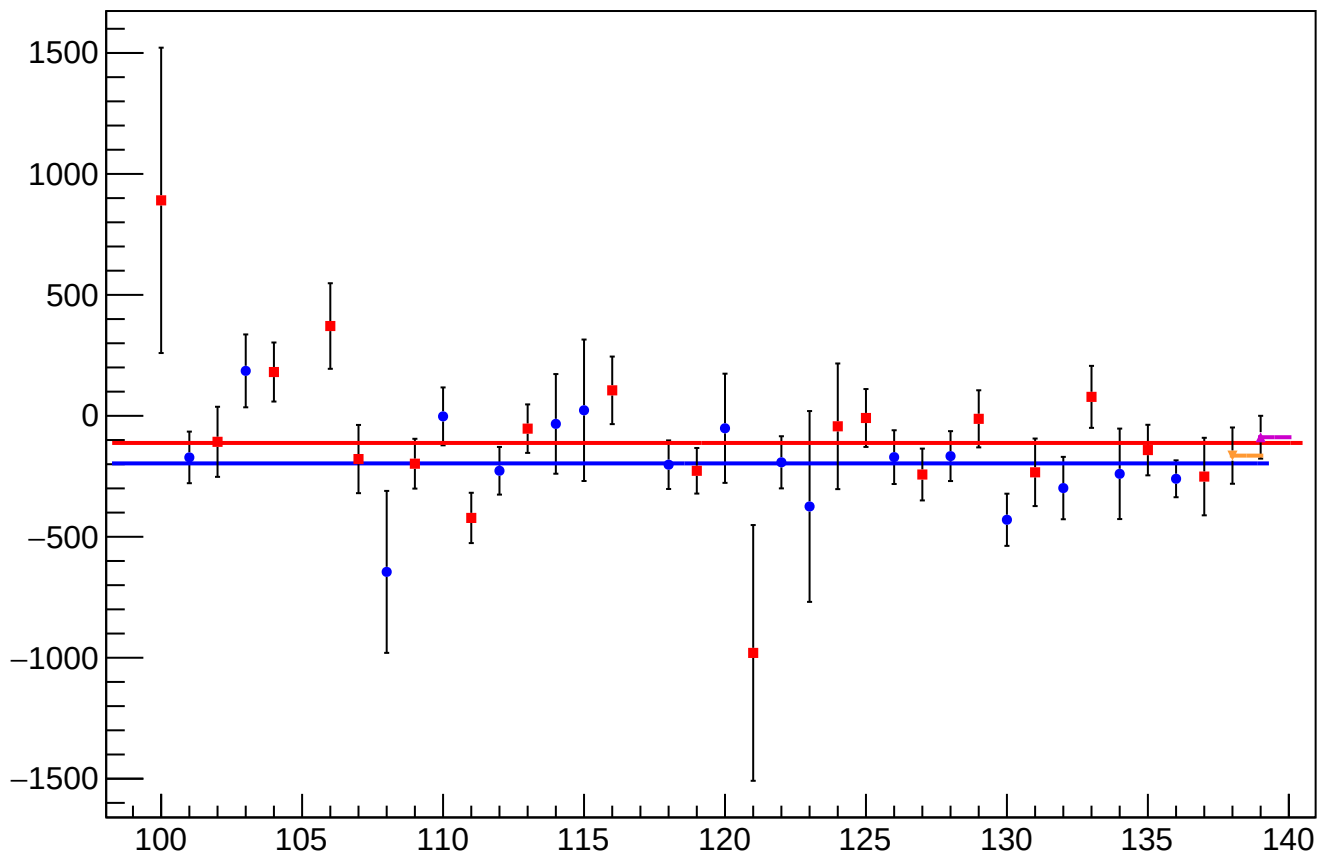
Right: 322.878+/-0.068 χ^2/NDF : 4822487.1/35

In: 344.997+/-0.096 χ^2/NDF : 2073718.6/17

Out: 312.199+/-0.087 χ^2/NDF : 2742577.5/19

All: 327.032+/-0.065 χ^2/NDF : 4880161.0/37

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -164.470 ± 116.343 χ^2/NDF : 0.0/0

Right Out: -112.097 ± 29.622 χ^2/NDF : 39.3/18

Left In: -88.385 ± 88.485 χ^2/NDF : 0.0/0

Left: -116.267 ± 70.429 χ^2/NDF : 0.3/1

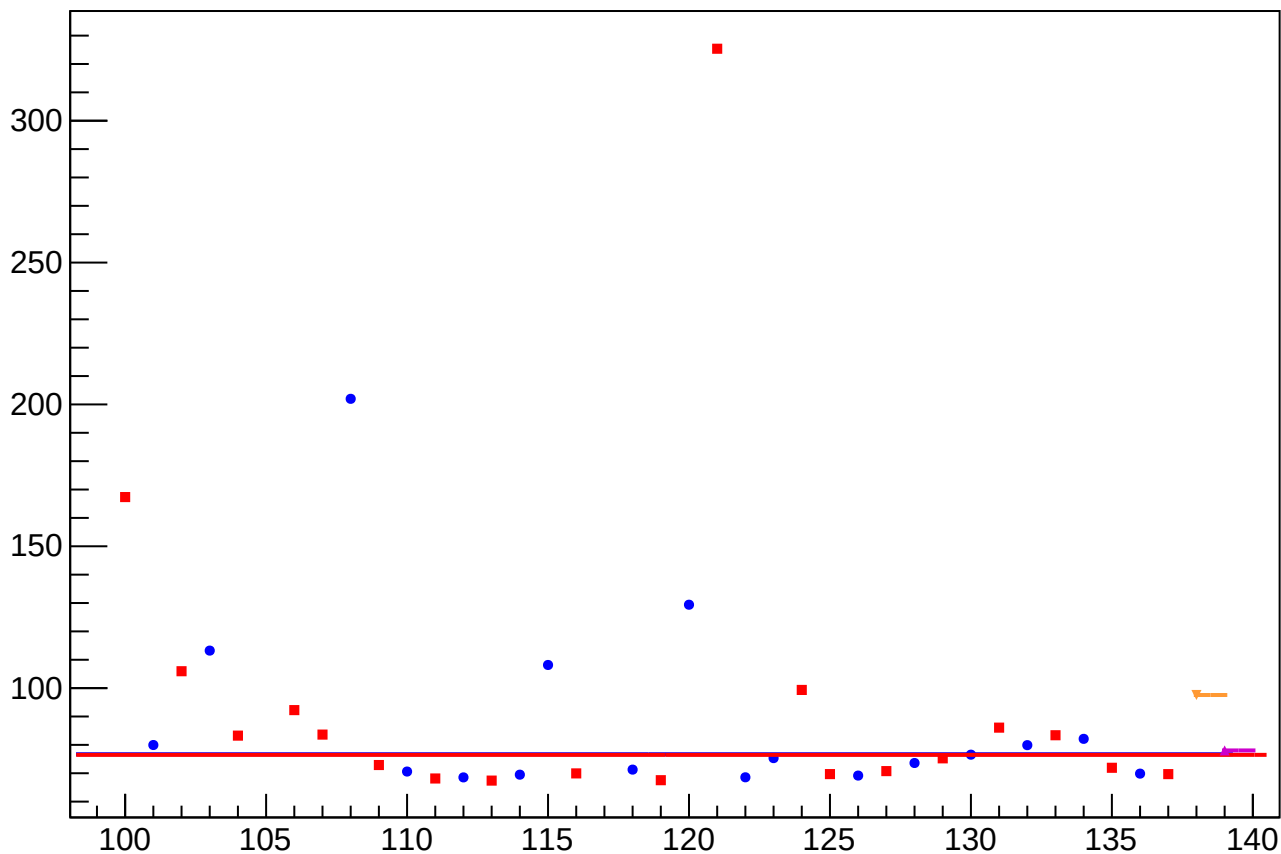
Right: -153.254 ± 21.215 χ^2/NDF : 62.3/35

In: -185.175 ± 28.750 χ^2/NDF : 20.4/17

Out: -115.286 ± 28.706 χ^2/NDF : 39.5/19

All: -150.177 ± 20.314 χ^2/NDF : 62.9/37

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 ± 0.021 χ^2/NDF : 600348.1/16

Left Out: 97.578 ± 0.082 χ^2/NDF : 0.0/0

Right Out: 76.479 ± 0.021 χ^2/NDF : 699361.8/18

Left In: 78.034 ± 0.063 χ^2/NDF : 0.0/0

Left: 85.196 ± 0.050 χ^2/NDF : 35753.1/1

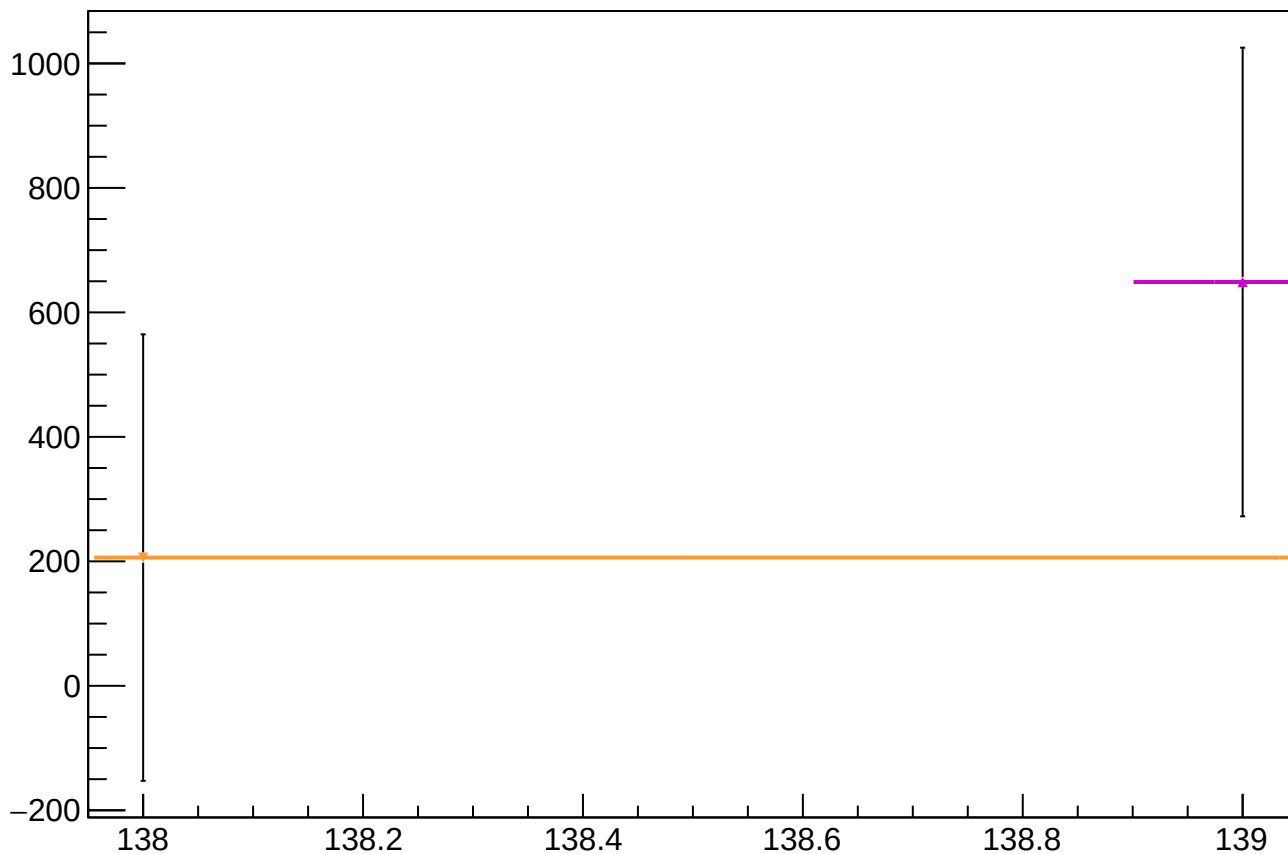
Right: 76.583 ± 0.015 χ^2/NDF : 1299760.4/35

In: 76.834 ± 0.020 χ^2/NDF : 600759.8/17

Out: 77.763 ± 0.020 χ^2/NDF : 761132.3/19

All: 77.299 ± 0.014 χ^2/NDF : 1362939.1/37

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: 648.830+/-376.501 χ^2 /NDF:0.0/0

Left: 416.714+/-259.692 χ^2 /NDF: 0.7/1

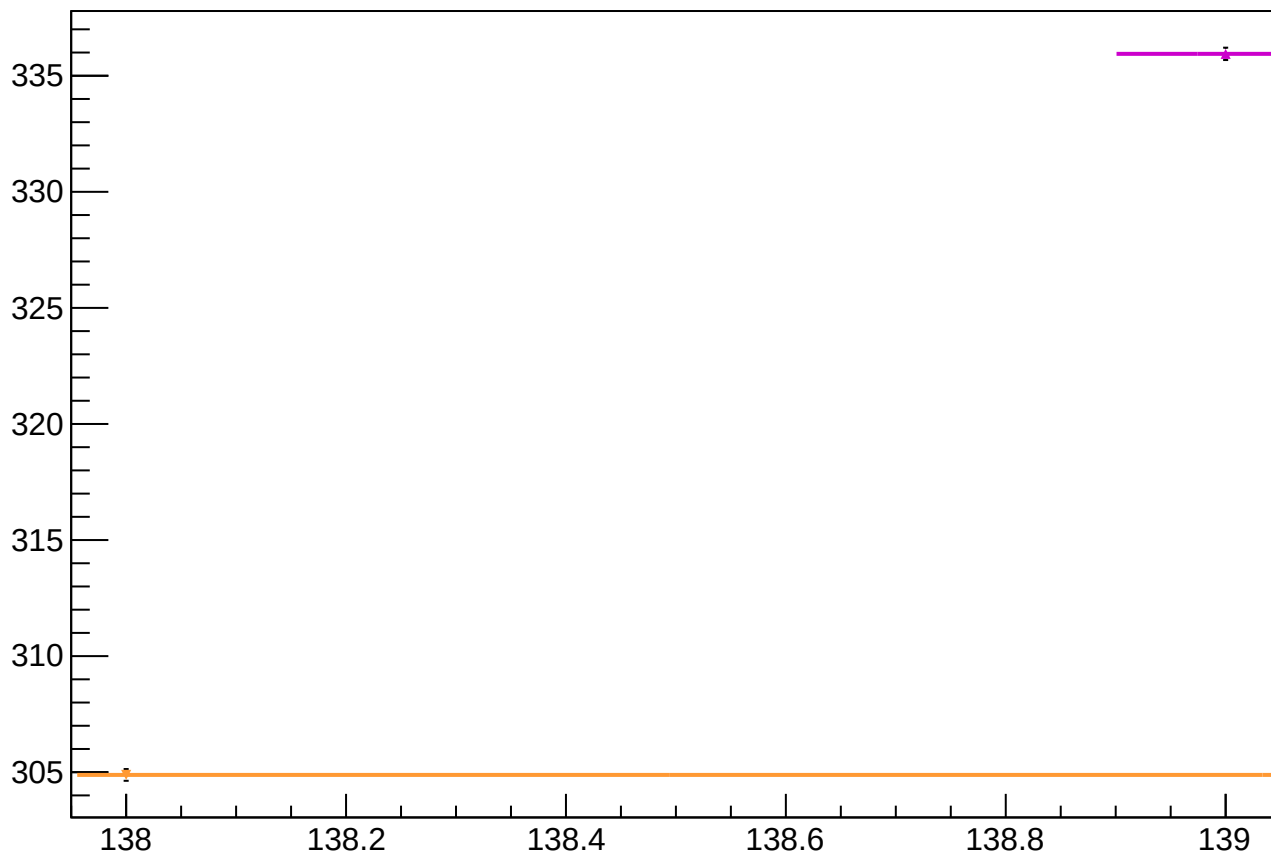
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 648.830+/-376.501 χ^2 /NDF:0.0/0

Out: 206.066+/-358.668 χ^2 /NDF:0.0/0

All: 416.714+/-259.692 χ^2 /NDF: 0.7/1

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: 335.943+/-0.266 χ^2 /NDF:0.0/0

Left: 319.660+/-0.184 χ^2 /NDF: 7135.9/1

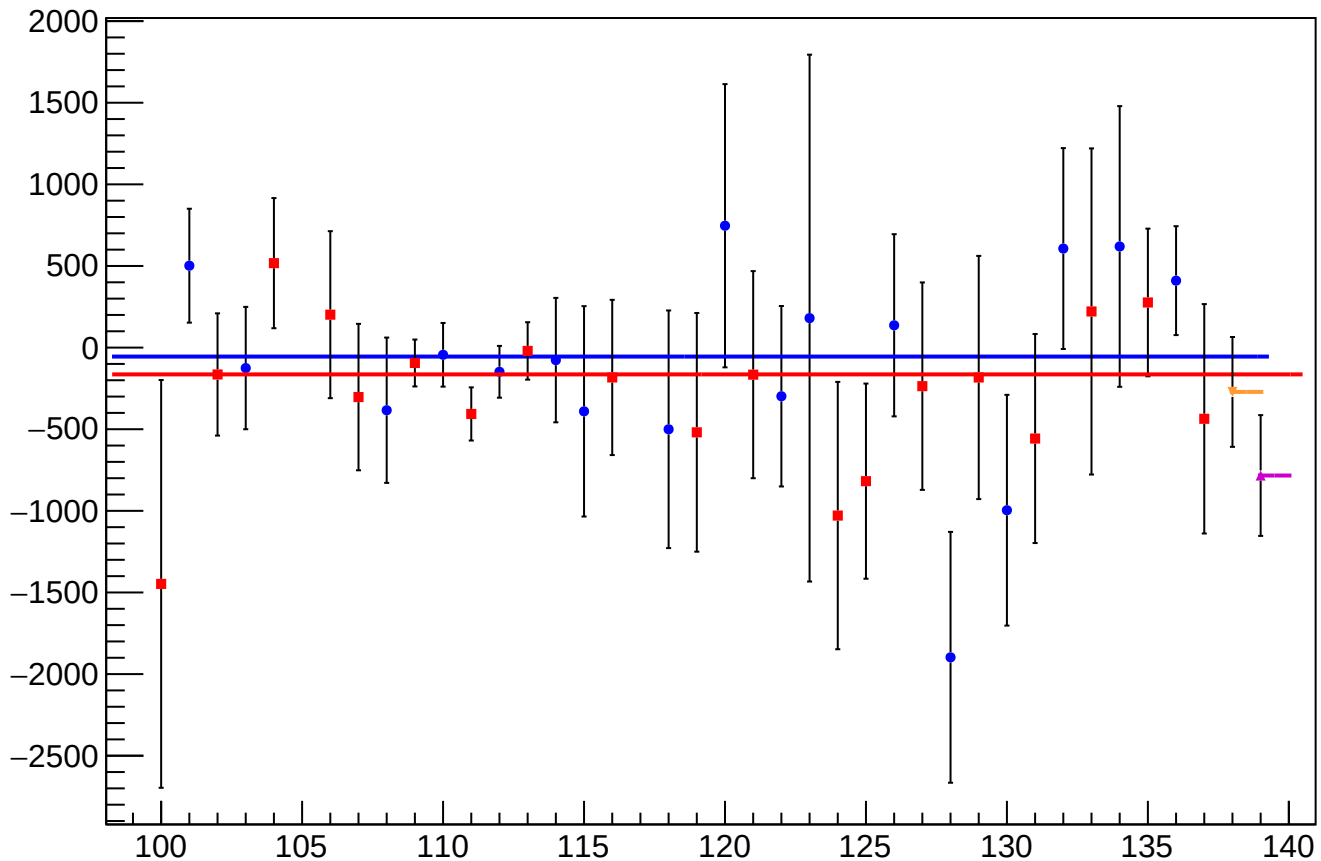
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 335.943+/-0.266 χ^2 /NDF:0.0/0

Out: 304.883+/-0.254 χ^2 /NDF:0.0/0

All: 319.660+/-0.184 χ^2 /NDF: 7135.9/1

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: -783.561 ± 369.921 χ^2/NDF : 0.0/0

Left: -503.317 ± 248.897 χ^2/NDF : 1.0/1

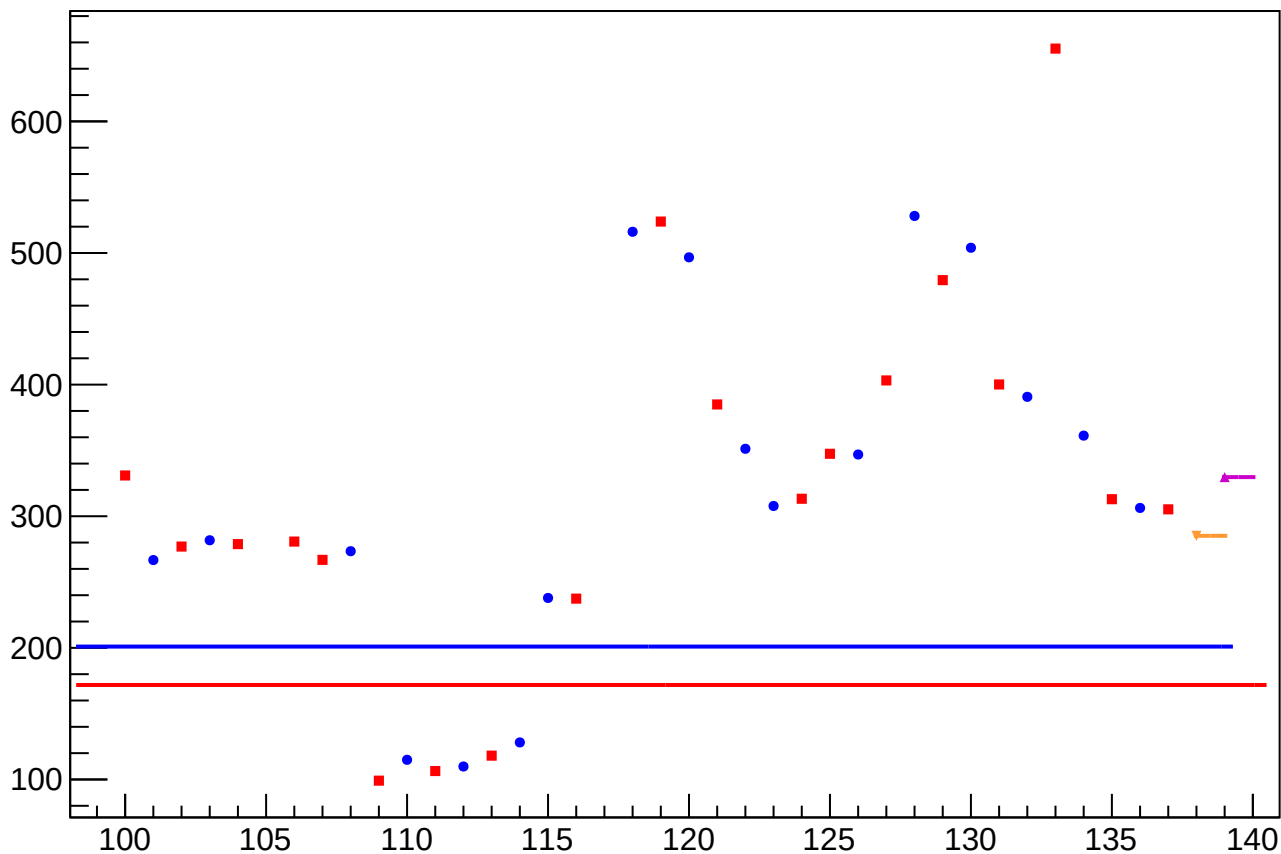
Right: -118.264 ± 58.563 χ^2/NDF : 29.3/35

In: -95.956 ± 87.775 χ^2/NDF : 20.2/17

Out: -169.472 ± 74.969 χ^2/NDF : 12.0/19

All: -138.463 ± 57.006 χ^2/NDF : 32.6/37

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: 329.735+/-0.262 χ^2/NDF : 0.0/0

Left: 305.323+/-0.176 χ^2/NDF : 15914.6/1

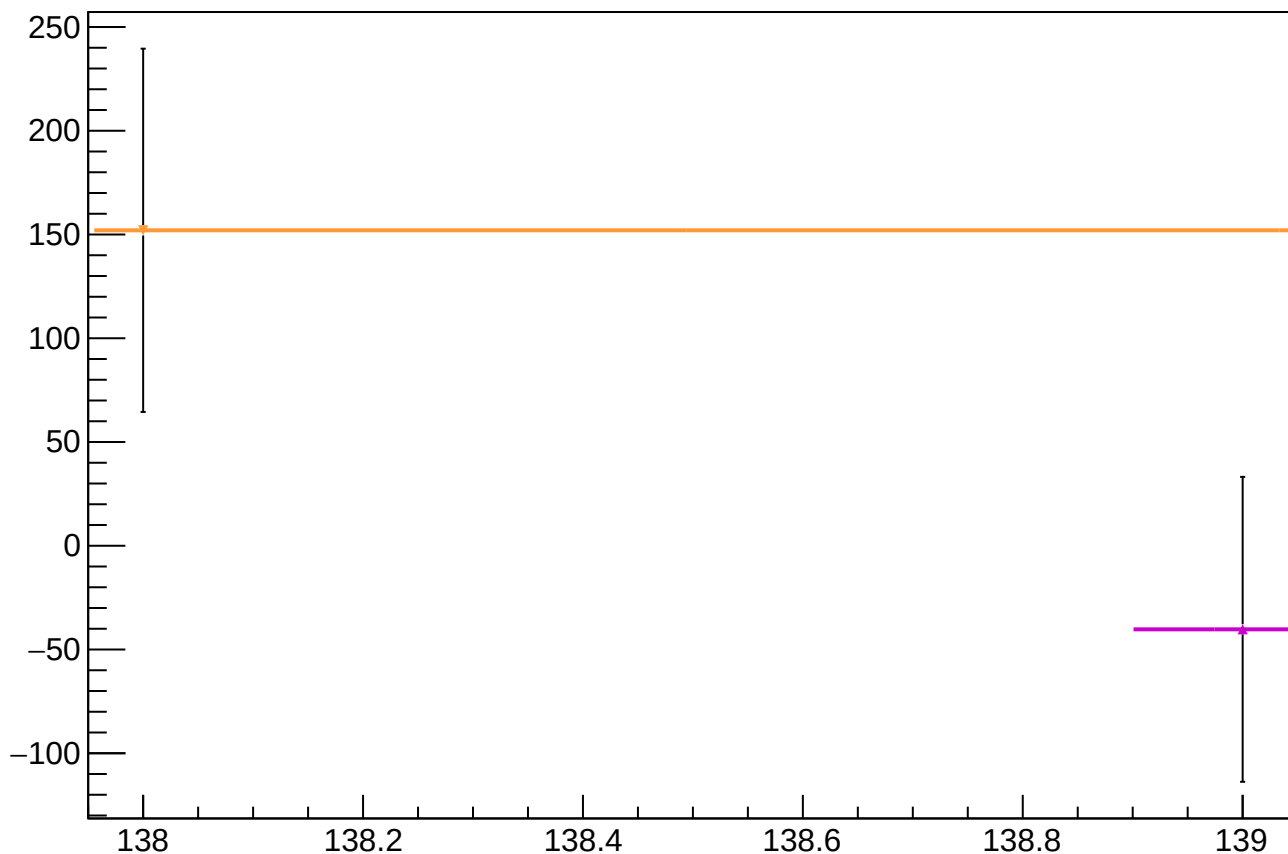
Right: 184.051+/-0.041 χ^2/NDF : 7649725.9/35

In: 208.220+/-0.062 χ^2/NDF : 3664836.4/17

Out: 177.421+/-0.053 χ^2/NDF : 4308319.2/19

All: 190.412+/-0.040 χ^2/NDF : 8115533.0/37

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: -40.280+/-73.475 χ^2/NDF : 0.0/0

Left: 39.203+/-56.278 χ^2/NDF : 2.8/1

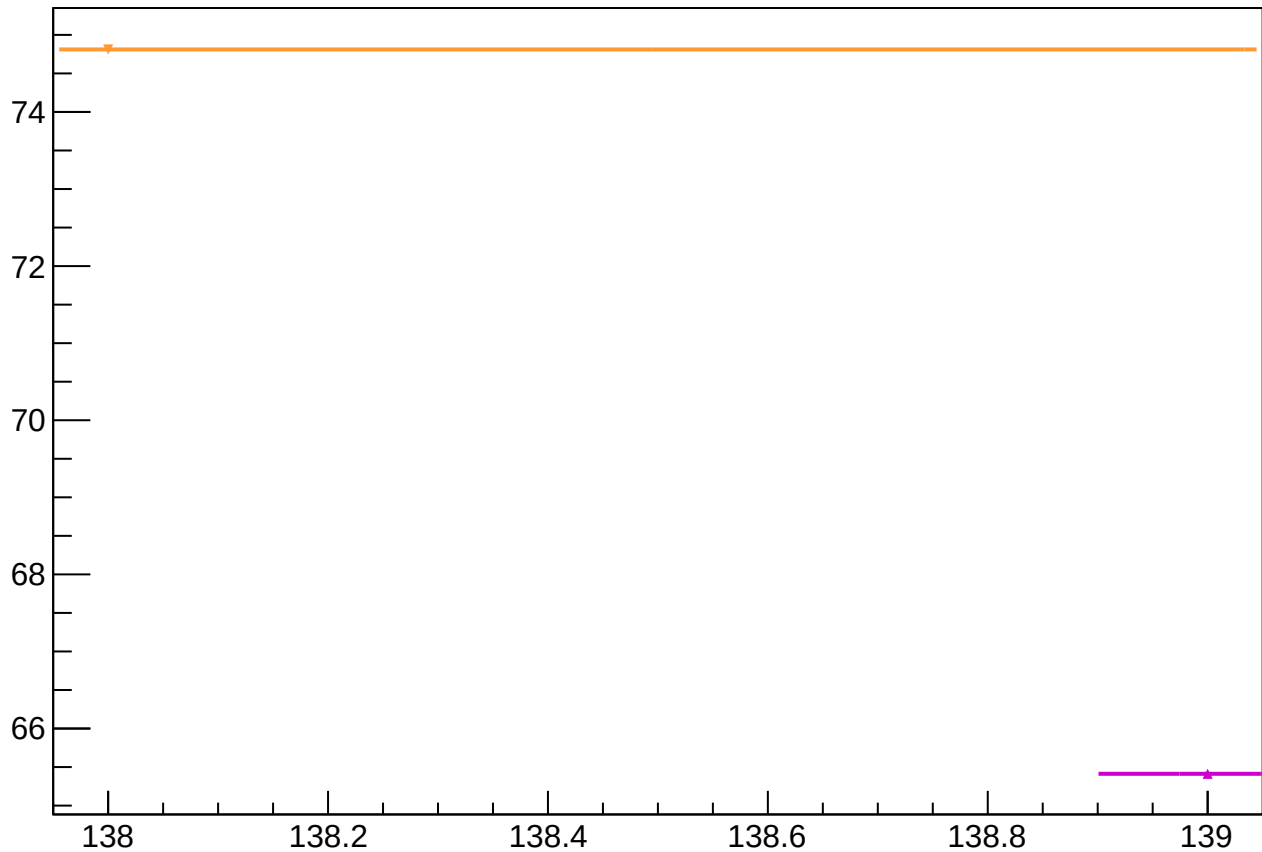
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.280+/-73.475 χ^2/NDF : 0.0/0

Out: 152.022+/-87.538 χ^2/NDF : 0.0/0

All: 39.203+/-56.278 χ^2/NDF : 2.8/1

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: 65.413+/-0.052 χ^2/NDF : 0.0/0

Left: 69.297+/-0.040 χ^2/NDF : 13525.3/1

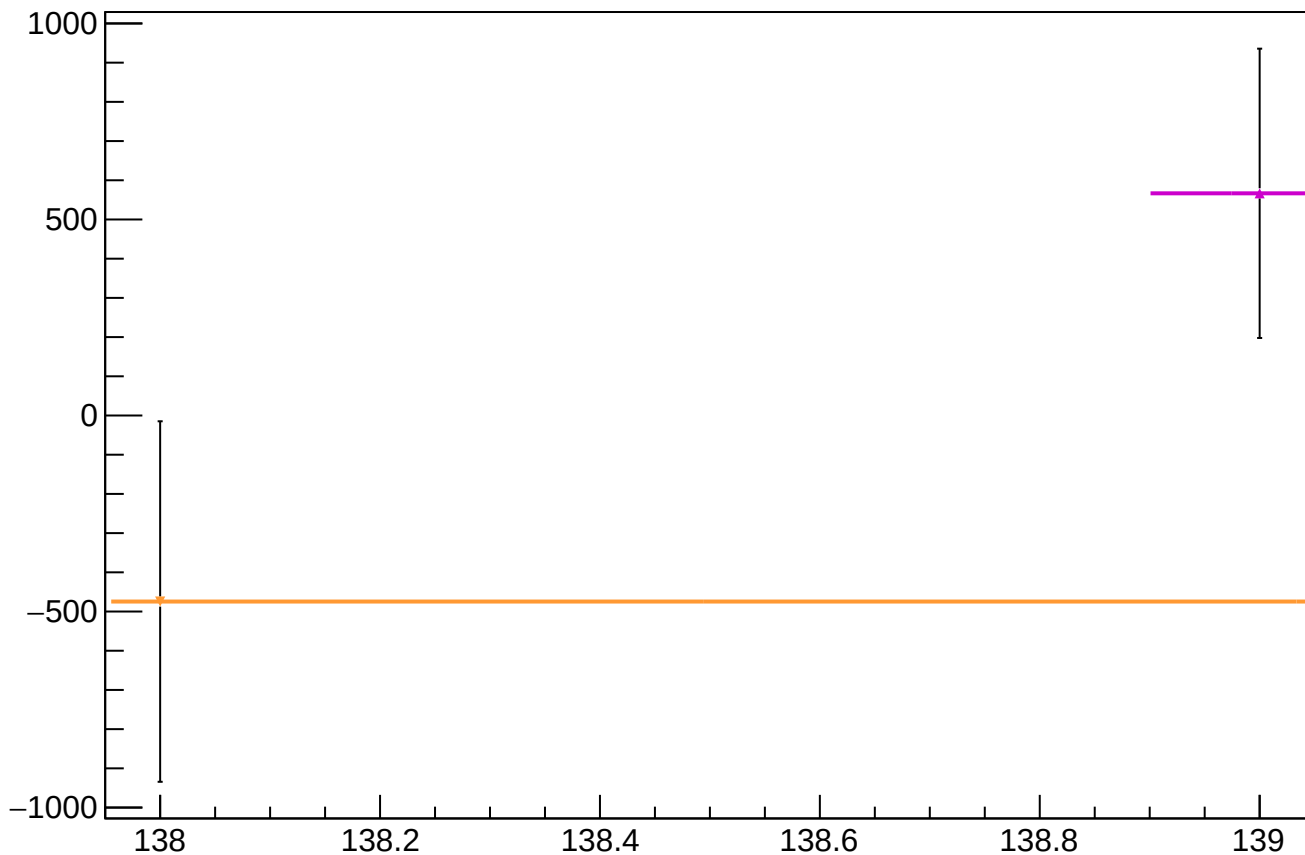
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.413+/-0.052 χ^2/NDF : 0.0/0

Out: 74.811+/-0.062 χ^2/NDF : 0.0/0

All: 69.297+/-0.040 χ^2/NDF : 13525.3/1

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: 566.701+/-368.973 χ^2/NDF : 0.0/0

Left: 158.833+/-287.770 χ^2/NDF : 3.1/1

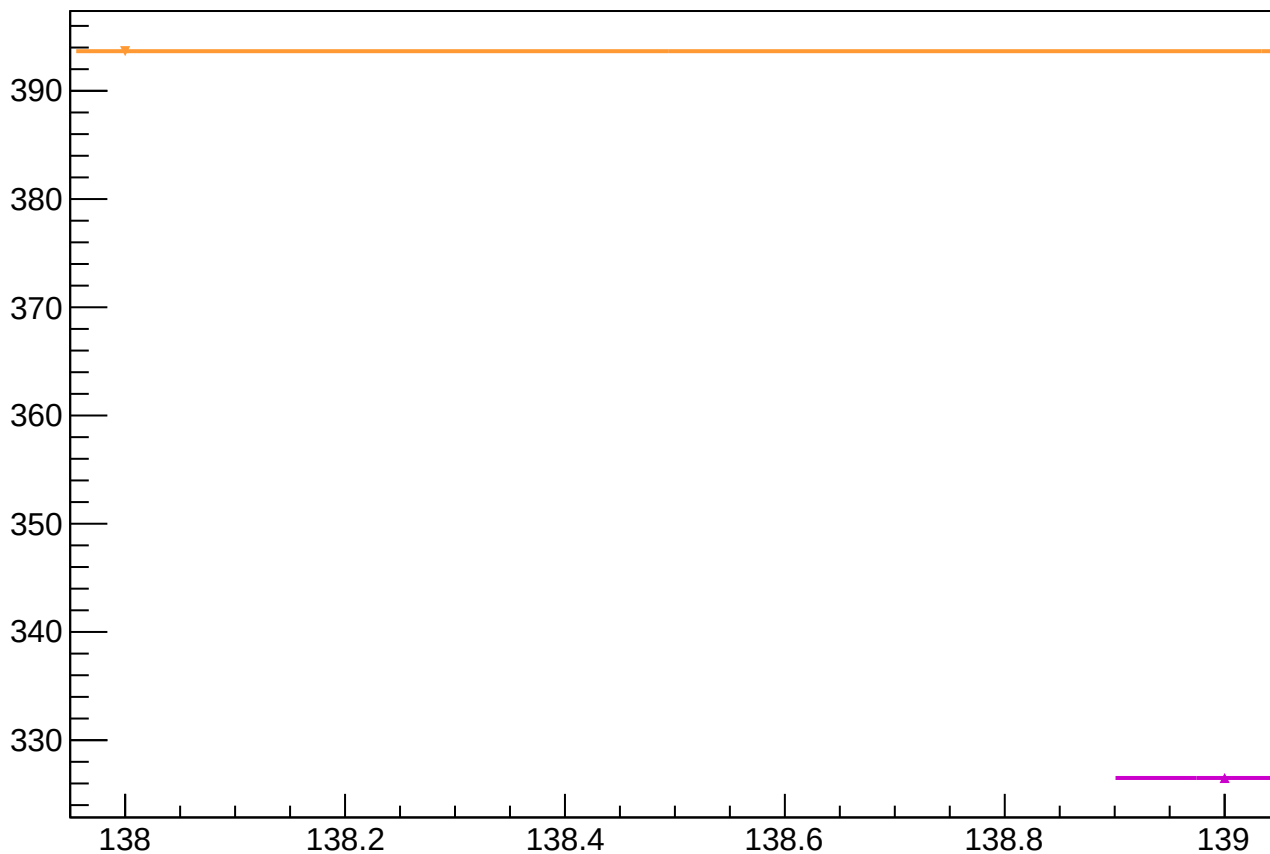
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 566.701+/-368.973 χ^2/NDF : 0.0/0

Out: -474.517+/-459.787 χ^2/NDF : 0.0/0

All: 158.833+/-287.770 χ^2/NDF : 3.1/1

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 393.663+/-0.325 χ^2/NDF : 0.0/0

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

Left In: 326.507+/-0.261 χ^2/NDF : 0.0/0

Left: 352.814+/-0.203 χ^2/NDF : 25952.5/1

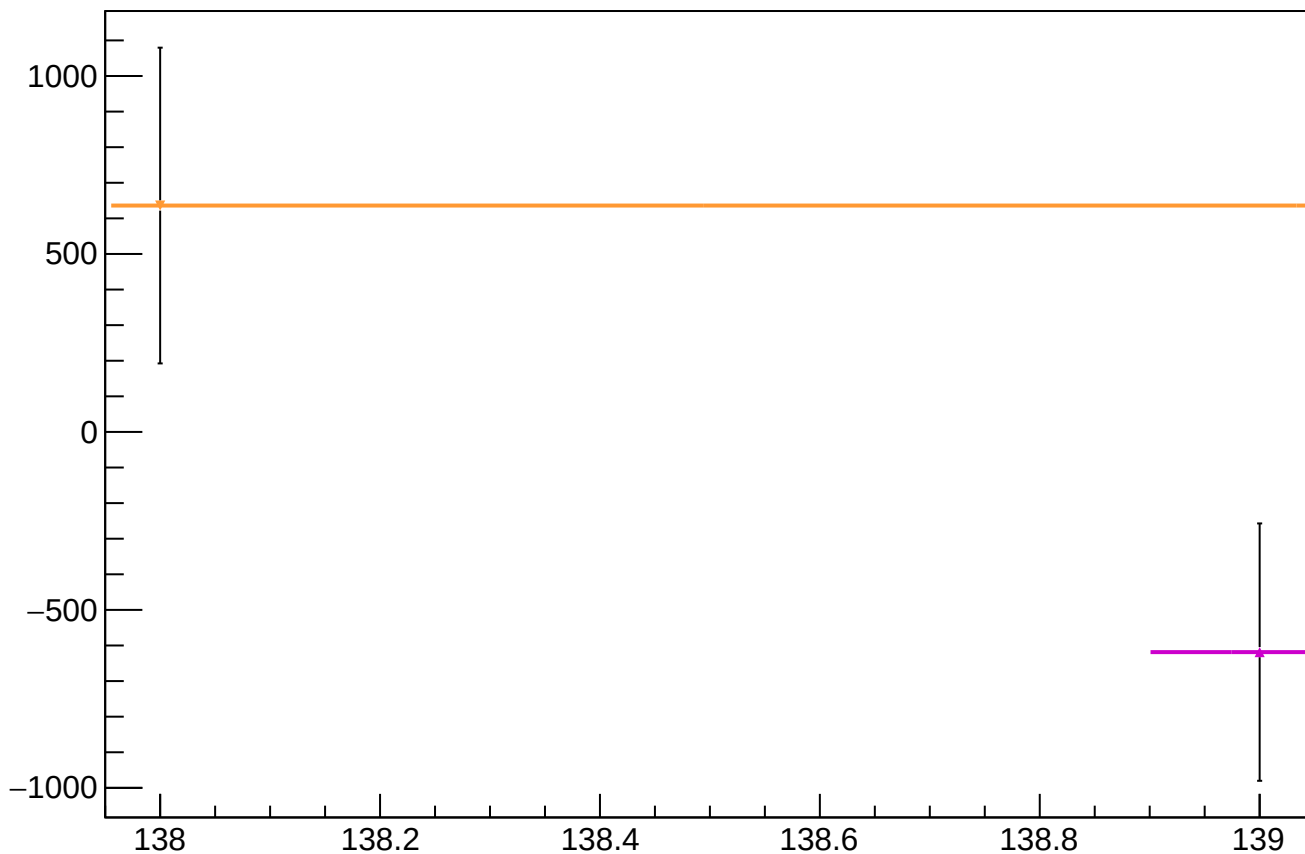
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 326.507+/-0.261 χ^2/NDF : 0.0/0

Out: 393.663+/-0.325 χ^2/NDF : 0.0/0

All: 352.814+/-0.203 χ^2/NDF : 25952.5/1

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: -618.623+/-361.539 χ^2/NDF : 0.0/0

Left: -117.789+/-280.238 χ^2/NDF : 4.8/1

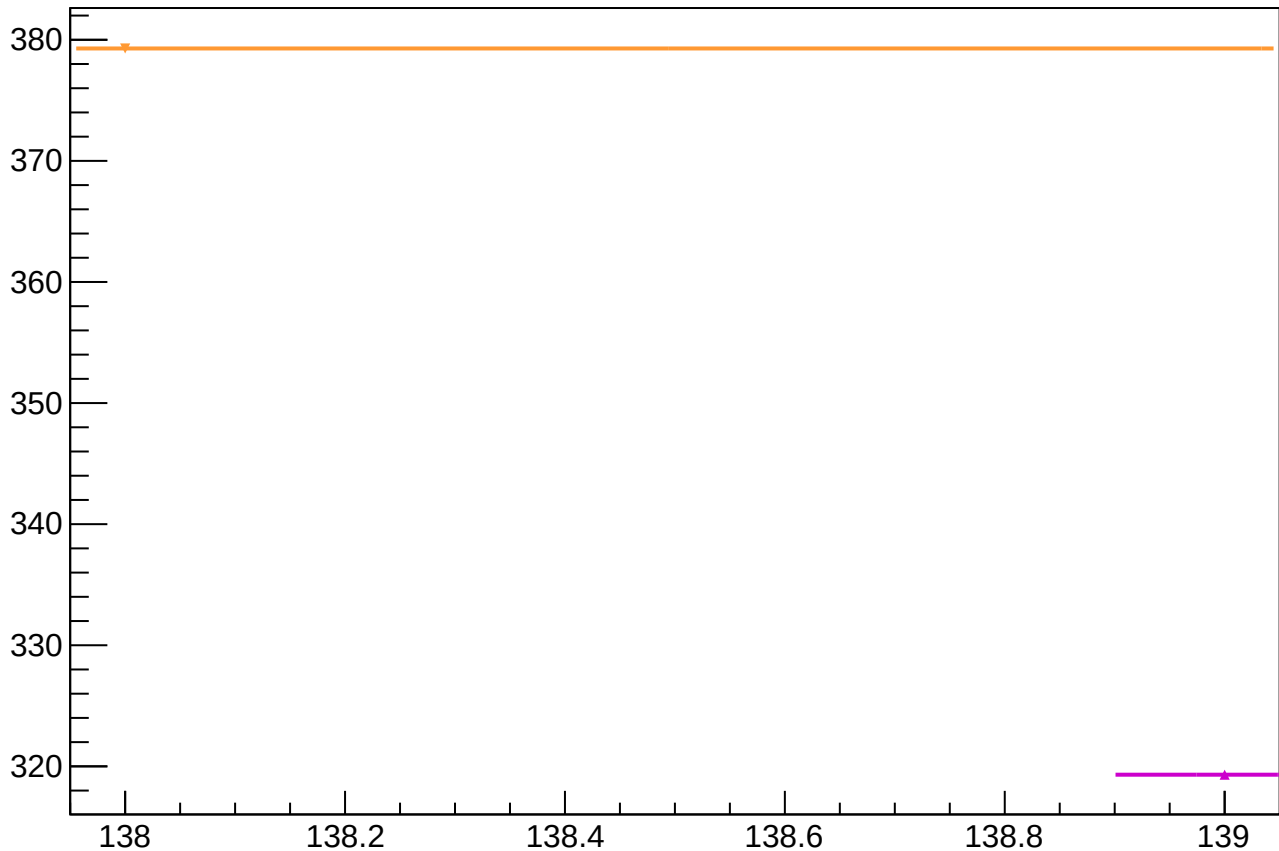
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -618.623+/-361.539 χ^2/NDF : 0.0/0

Out: 636.038+/-443.551 χ^2/NDF : 0.0/0

All: -117.789+/-280.238 χ^2/NDF : 4.8/1

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: 319.310+/-0.256 χ^2/NDF : 0.0/0

Left: 343.250+/-0.198 χ^2/NDF : 21968.5/1

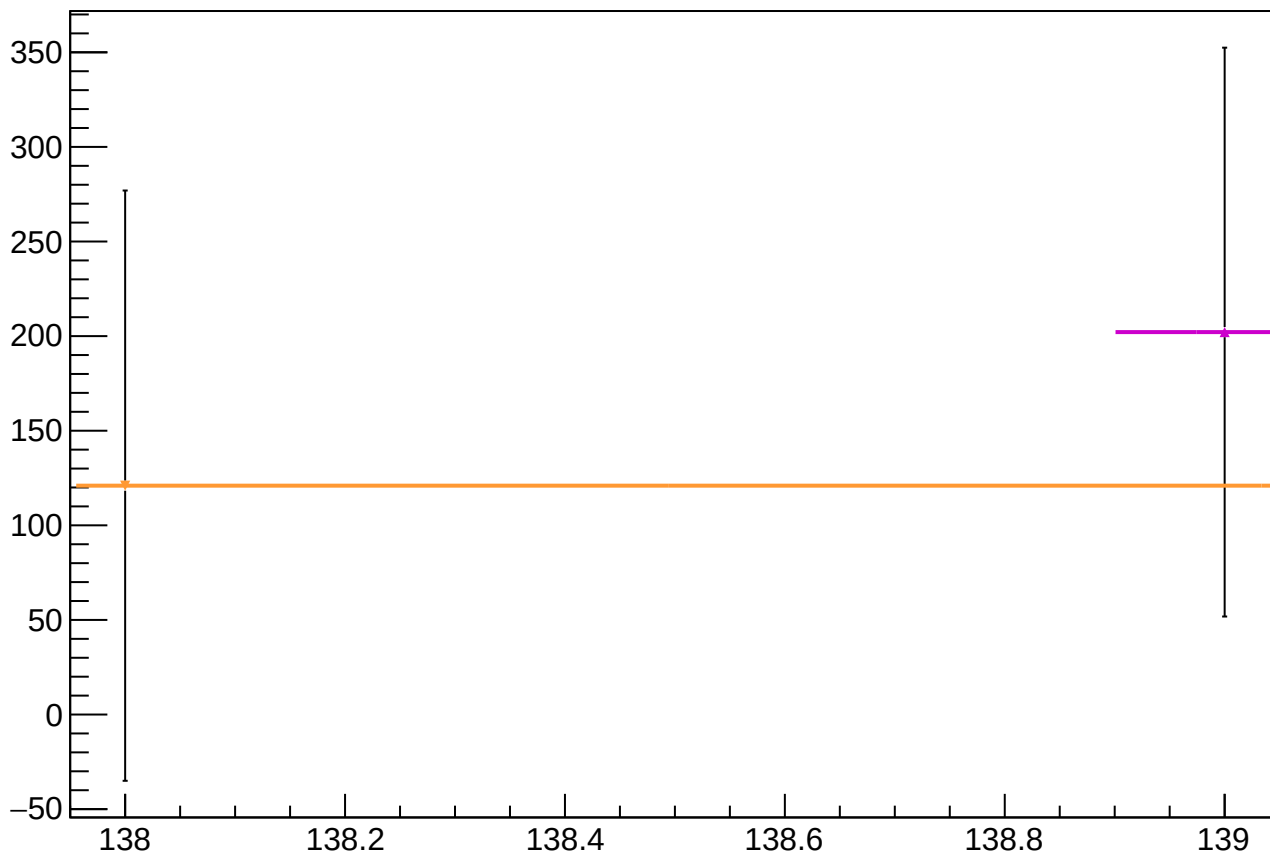
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 319.310+/-0.256 χ^2/NDF : 0.0/0

Out: 379.283+/-0.314 χ^2/NDF : 0.0/0

All: 343.250+/-0.198 χ^2/NDF : 21968.5/1

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: 202.127+/-150.324 χ^2/NDF : 0.0/0

Left: 163.045+/-108.241 χ^2/NDF : 0.1/1

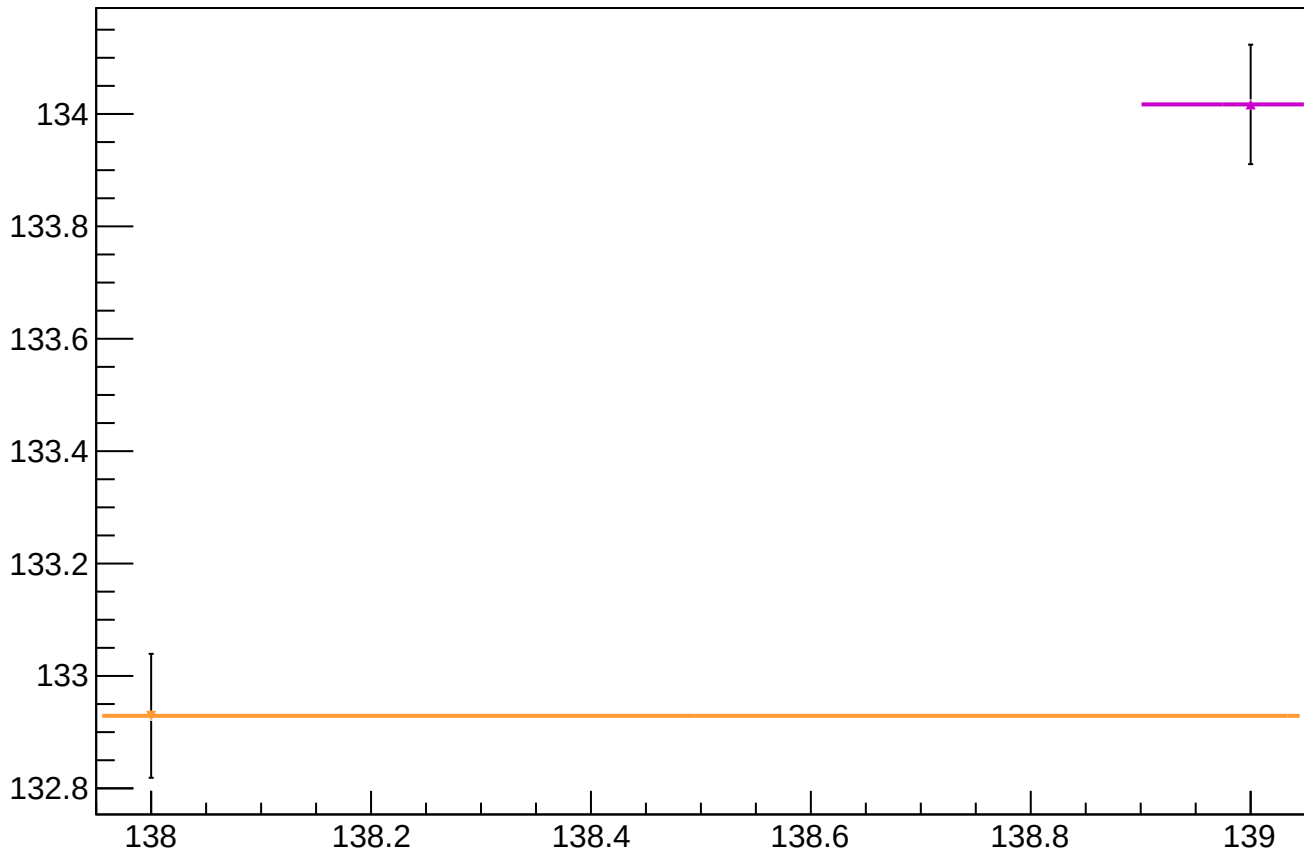
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.127+/-150.324 χ^2/NDF : 0.0/0

Out: 120.964+/-155.986 χ^2/NDF : 0.0/0

All: 163.045+/-108.241 χ^2/NDF : 0.1/1

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: 134.017+/-0.106 χ^2 /NDF: 0.0/0

Left: 133.493+/-0.077 χ^2 /NDF: 50.4/1

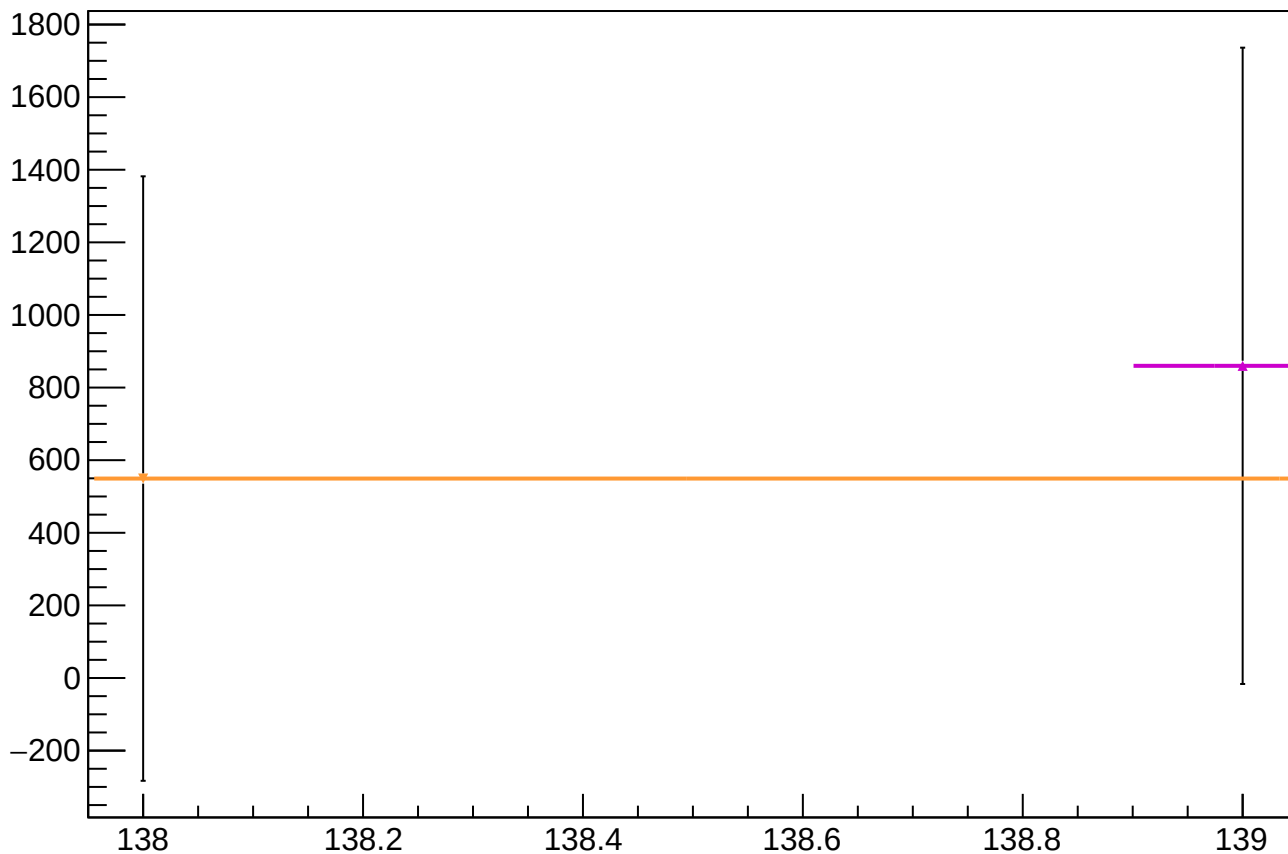
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 134.017+/-0.106 χ^2 /NDF: 0.0/0

Out: 132.929+/-0.110 χ^2 /NDF: 0.0/0

All: 133.493+/-0.077 χ^2 /NDF: 50.4/1

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: 859.901+/-876.349 χ^2 /NDF: 0.0/0

Left: 696.677+/-603.578 χ^2 /NDF: 0.1/1

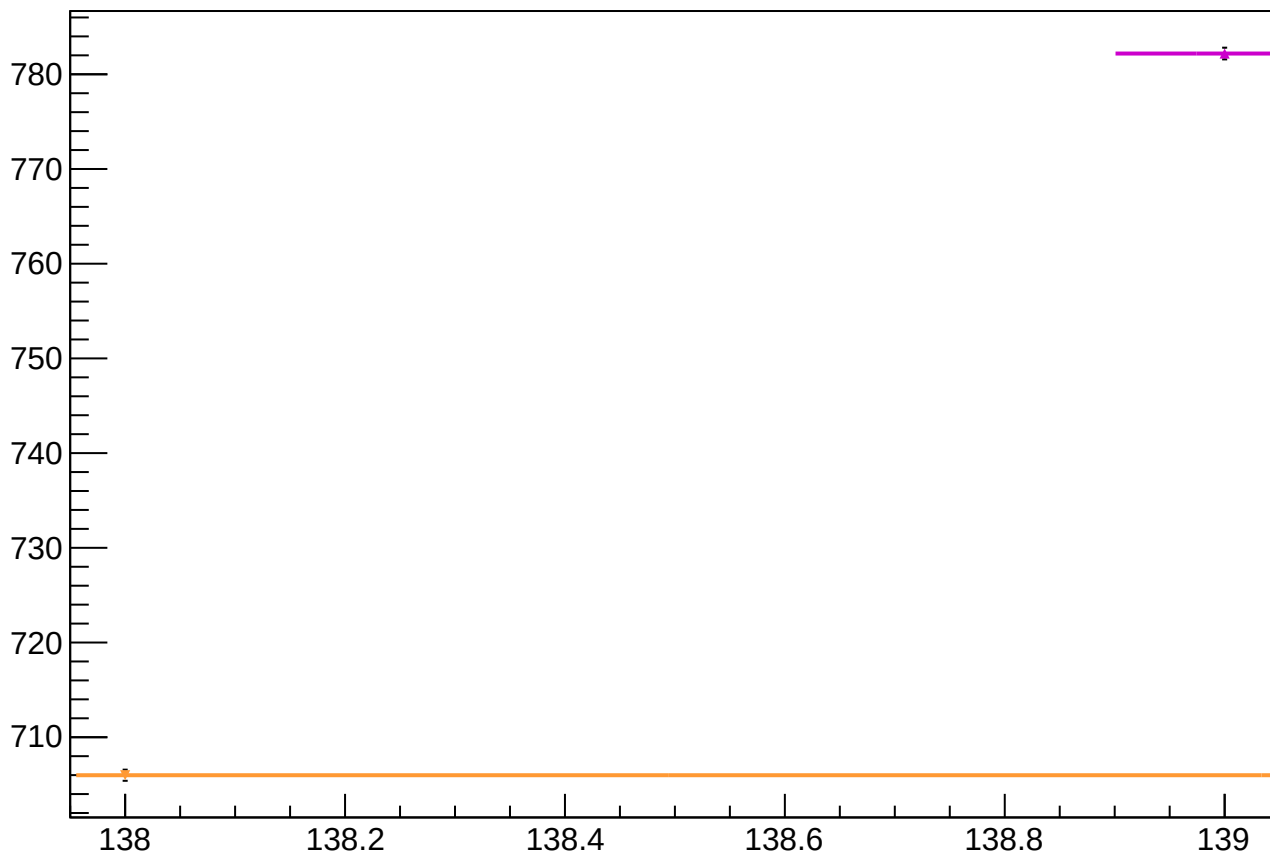
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 859.901+/-876.349 χ^2 /NDF: 0.0/0

Out: 549.374+/-832.513 χ^2 /NDF: 0.0/0

All: 696.677+/-603.578 χ^2 /NDF: 0.1/1

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: 782.190+/-0.620 χ^2/NDF : 0.0/0

Left: 742.136+/-0.427 χ^2/NDF : 7948.5/1

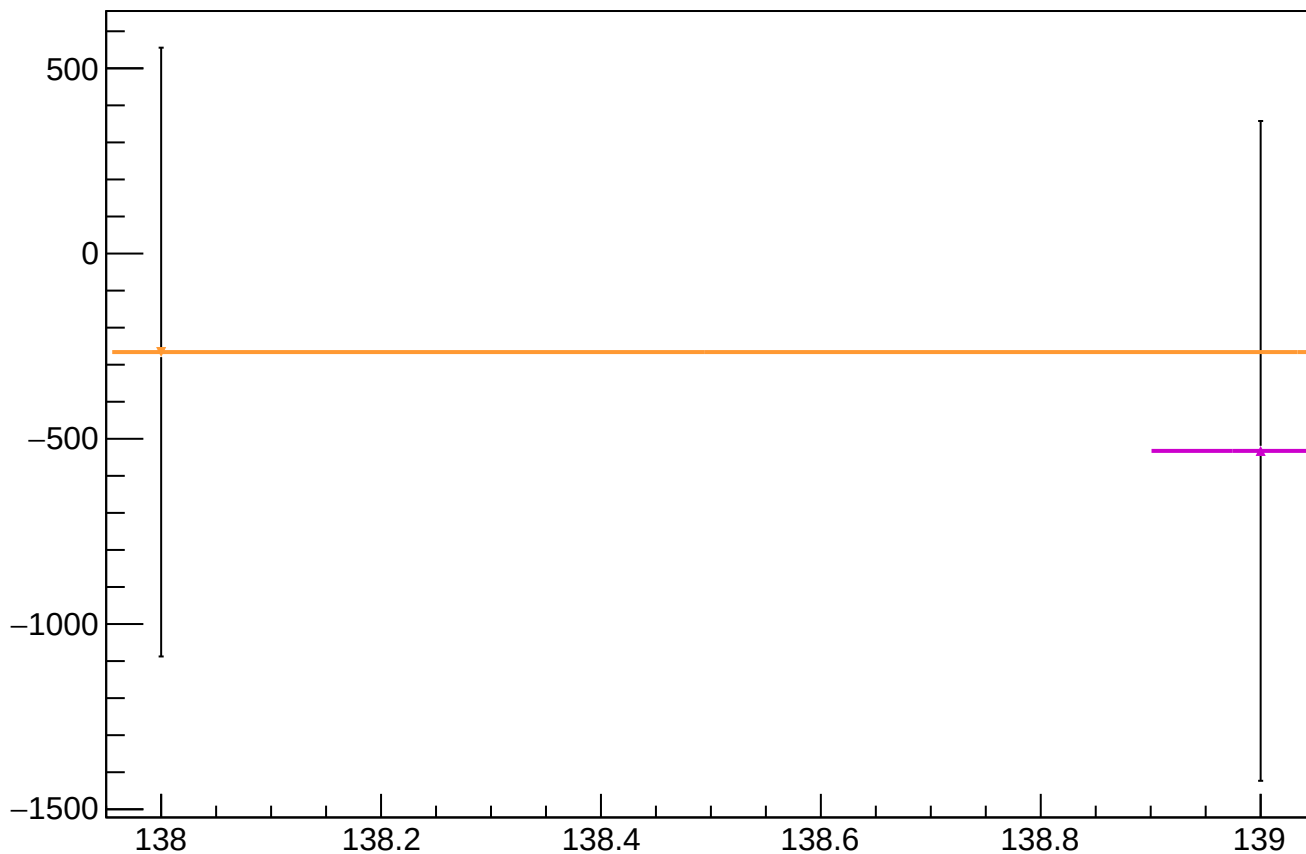
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 782.190+/-0.620 χ^2/NDF : 0.0/0

Out: 705.989+/-0.589 χ^2/NDF : 0.0/0

All: 742.136+/-0.427 χ^2/NDF : 7948.5/1

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: -532.668+/-890.474 χ^2/NDF : 0.0/0

Left: -388.584+/-603.856 χ^2/NDF : 0.0/1

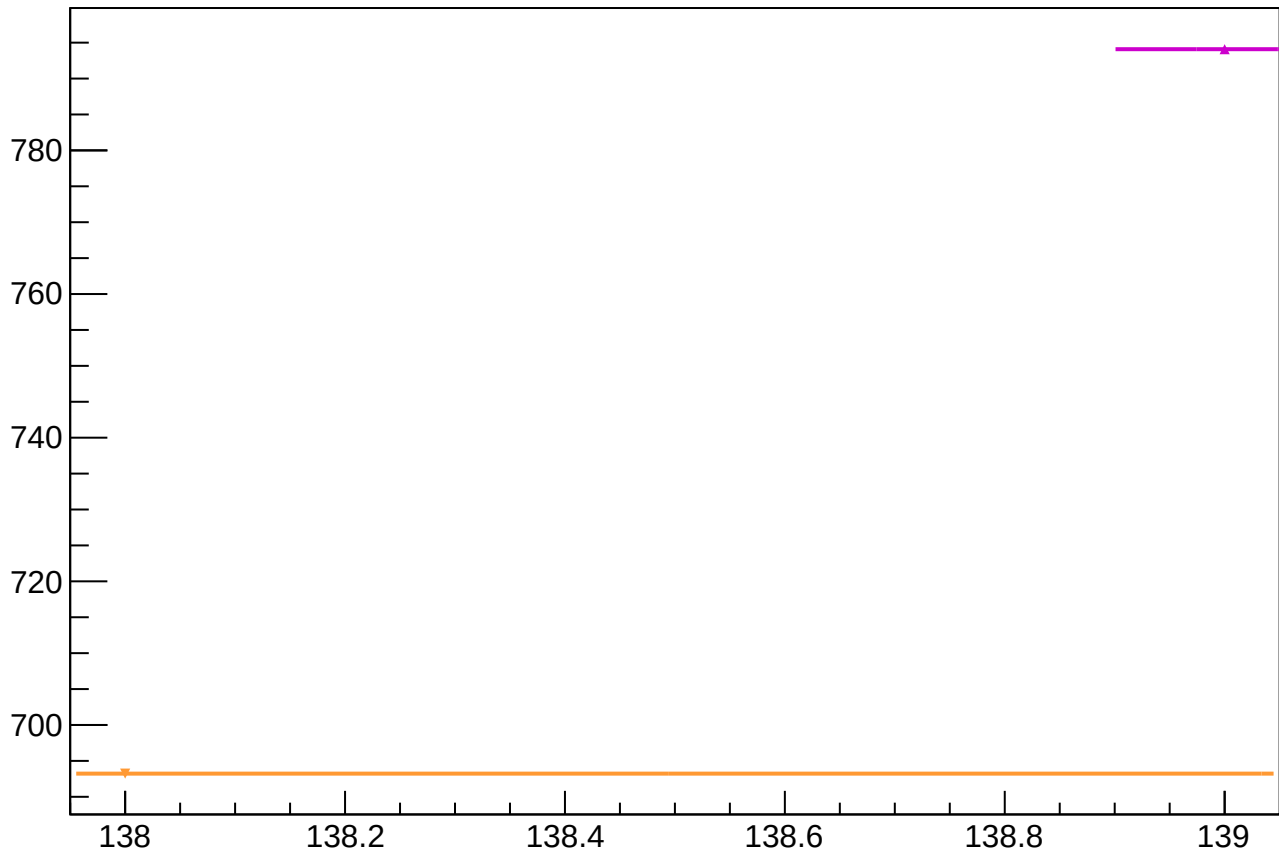
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -532.668+/-890.474 χ^2/NDF : 0.0/0

Out: -265.915+/-821.637 χ^2/NDF : 0.0/0

All: -388.584+/-603.856 χ^2/NDF : 0.0/1

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: 794.089+/-0.630 χ^2/NDF : 0.0/0

Left: 739.609+/-0.427 χ^2/NDF : 13859.5/1

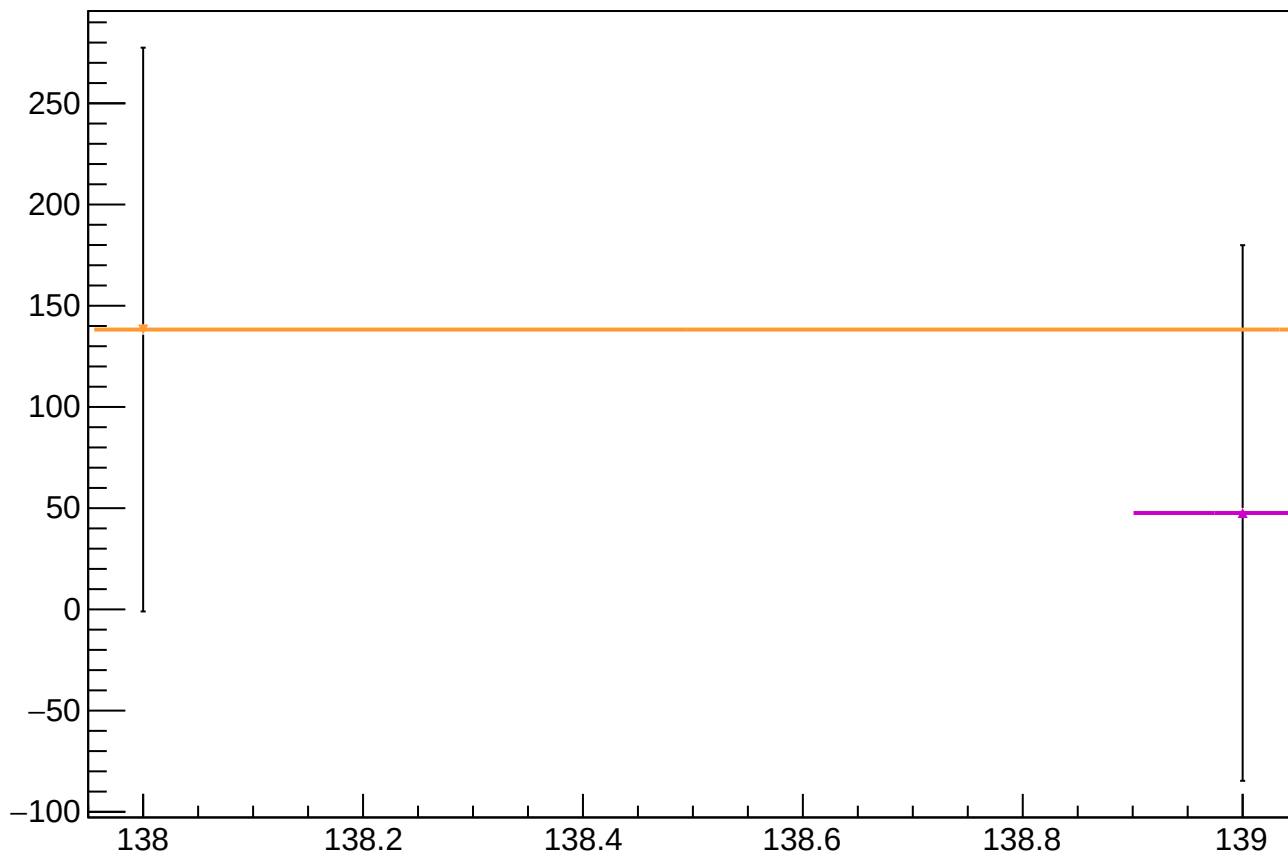
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 794.089+/-0.630 χ^2/NDF : 0.0/0

Out: 693.227+/-0.581 χ^2/NDF : 0.0/0

All: 739.609+/-0.427 χ^2/NDF : 13859.5/1

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: 47.621+/-132.292 χ^2/NDF : 0.0/0

Left: 90.607+/-95.911 χ^2/NDF : 0.2/1

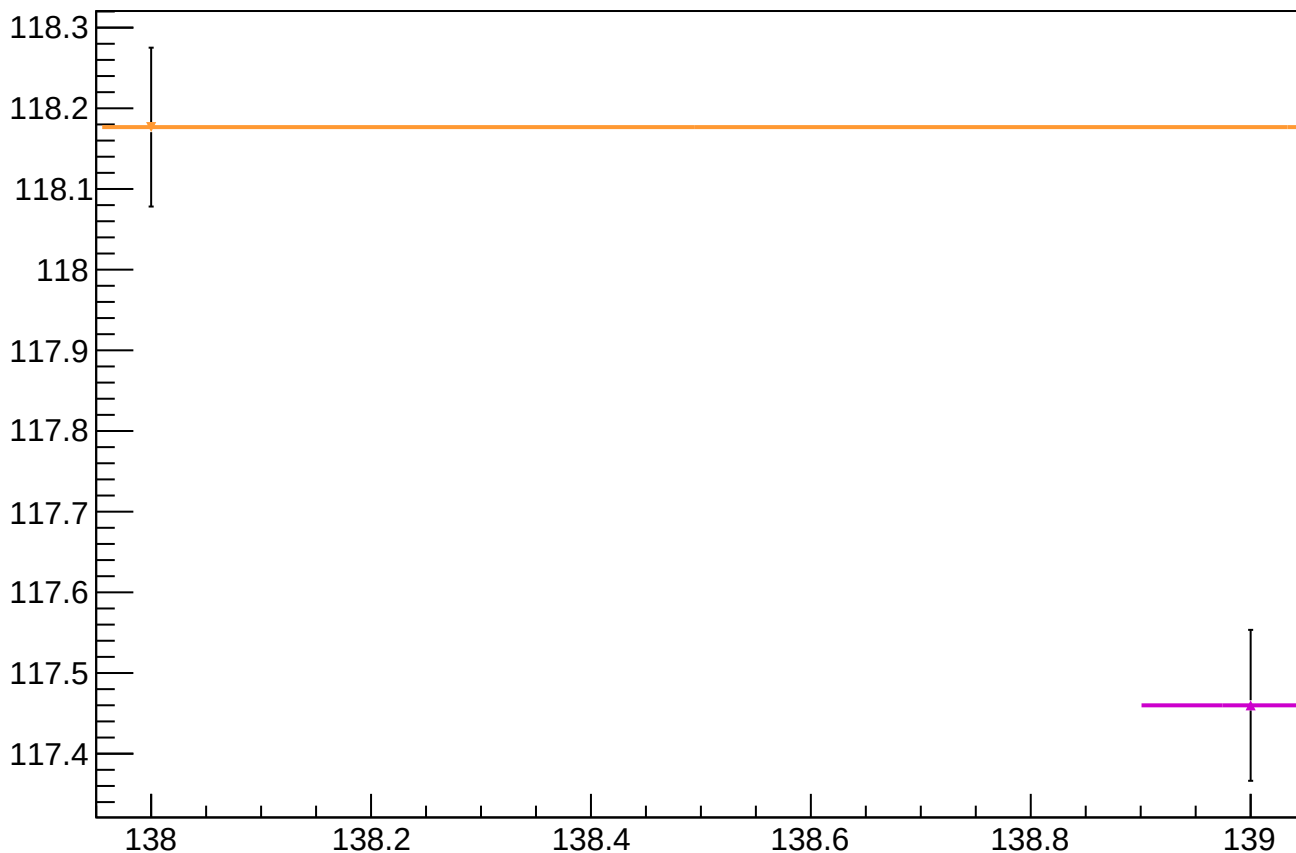
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.621+/-132.292 χ^2/NDF : 0.0/0

Out: 138.233+/-139.251 χ^2/NDF : 0.0/0

All: 90.607+/-95.911 χ^2/NDF : 0.2/1

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 118.177 $\pm$ 0.098 χ^2 /NDF: 0.0/0

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

Left In: 117.460 $\pm$ 0.094 χ^2 /NDF: 0.0/0

Left: 117.800 $\pm$ 0.068 χ^2 /NDF: 27.9/1

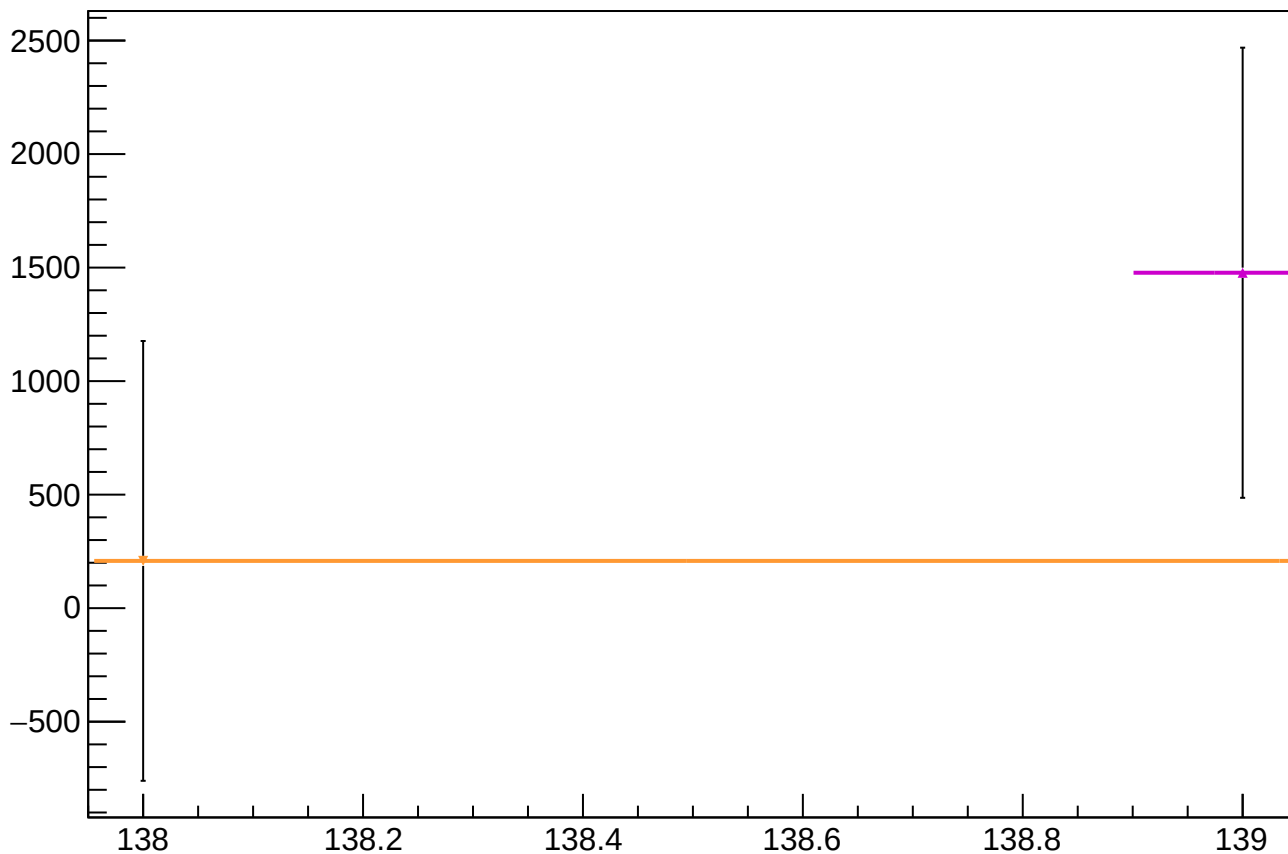
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 117.460 $\pm$ 0.094 χ^2 /NDF: 0.0/0

Out: 118.177 $\pm$ 0.098 χ^2 /NDF: 0.0/0

All: 117.800 $\pm$ 0.068 χ^2 /NDF: 27.9/1

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: 1477.350+/-991.297 χ^2/NDF : 0.0/0

Left: 828.008+/-692.760 χ^2/NDF : 0.8/1

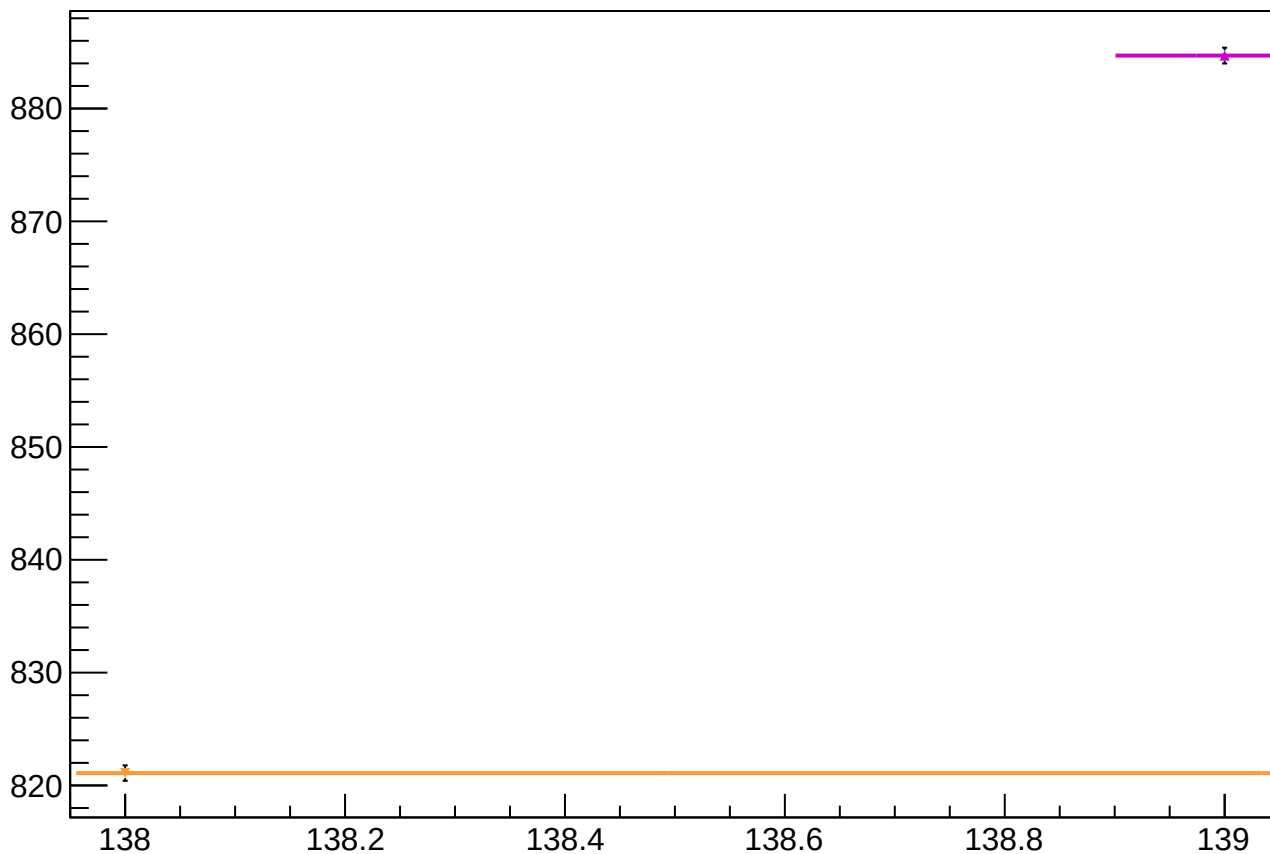
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1477.350+/-991.297 χ^2/NDF : 0.0/0

Out: 208.161+/-968.521 χ^2/NDF : 0.0/0

All: 828.008+/-692.760 χ^2/NDF : 0.8/1

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: 884.692+/-0.701 χ^2/NDF : 0.0/0

Left: 852.156+/-0.490 χ^2/NDF : 4211.4/1

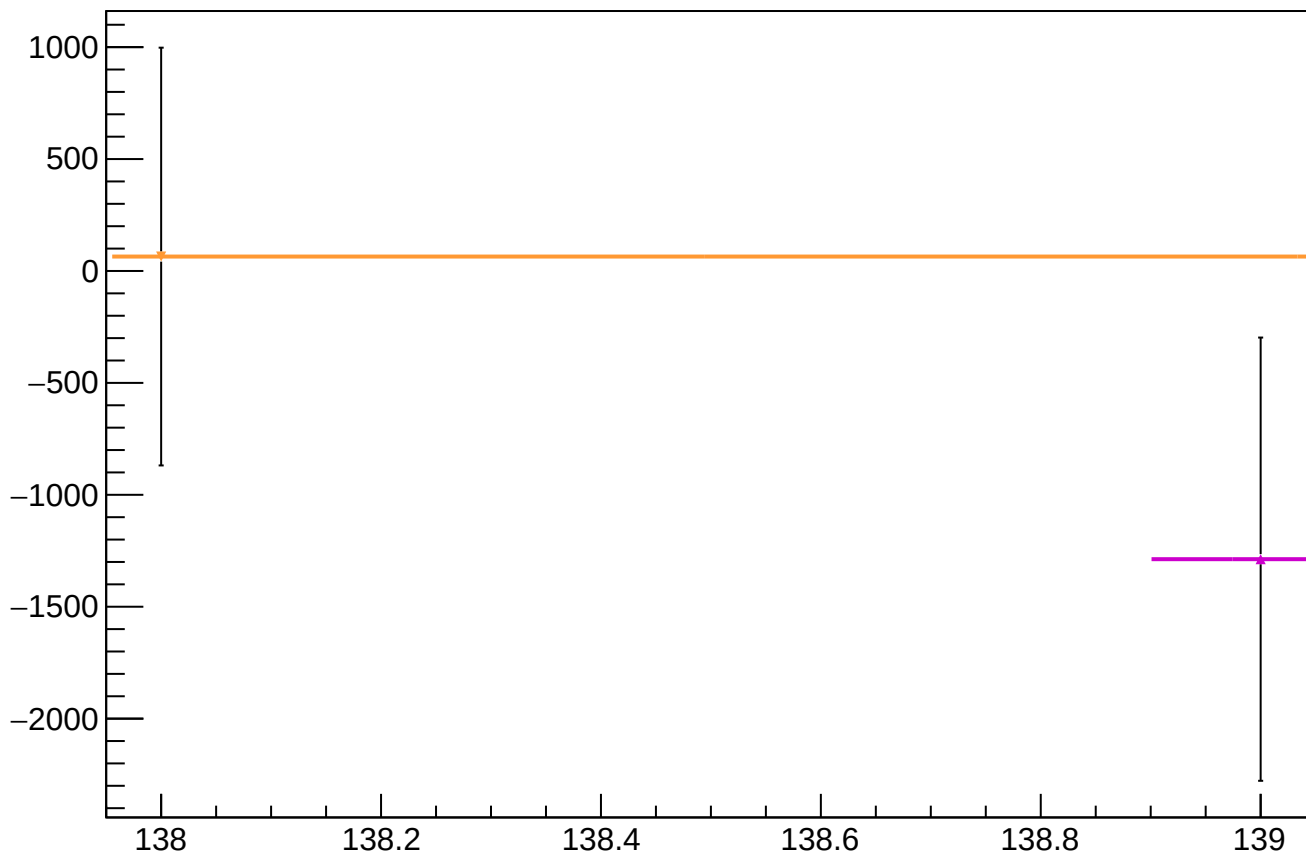
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 884.692+/-0.701 χ^2/NDF : 0.0/0

Out: 821.097+/-0.685 χ^2/NDF : 0.0/0

All: 852.156+/-0.490 χ^2/NDF : 4211.4/1

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: -1287.571+/-990.108 χ^2/NDF : 0.0/0

Left: -571.613+/-679.102 χ^2/NDF : 1.0/1

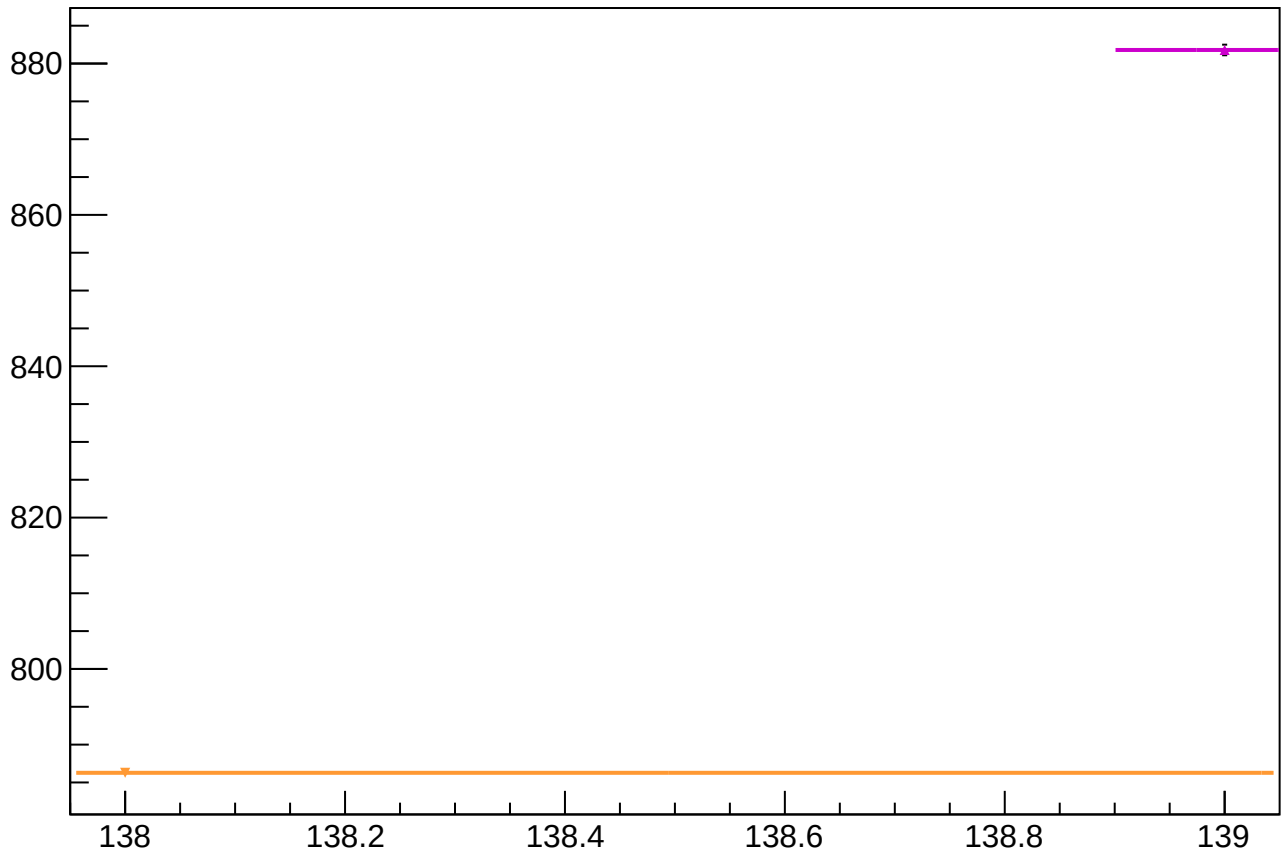
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1287.571+/-990.108 χ^2/NDF : 0.0/0

Out: 64.417+/-933.207 χ^2/NDF : 0.0/0

All: -571.613+/-679.102 χ^2/NDF : 1.0/1

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: 881.793+/-0.700 χ^2/NDF : 0.0/0

Left: 831.211+/-0.480 χ^2/NDF : 9857.0/1

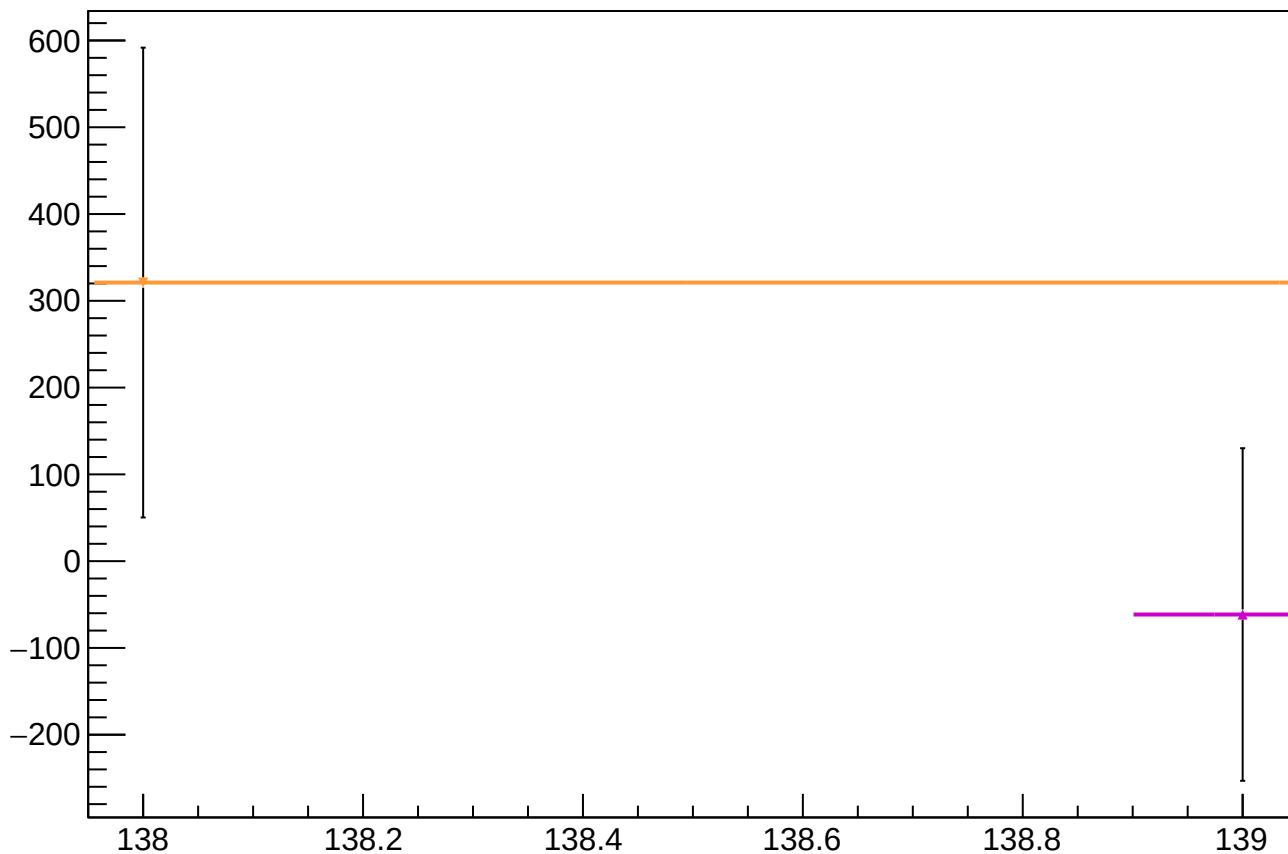
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 881.793+/-0.700 χ^2/NDF : 0.0/0

Out: 786.276+/-0.660 χ^2/NDF : 0.0/0

All: 831.211+/-0.480 χ^2/NDF : 9857.0/1

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: -61.488+/-191.623 χ^2/NDF : 0.0/0

Left: 66.205+/-156.401 χ^2/NDF : 1.3/1

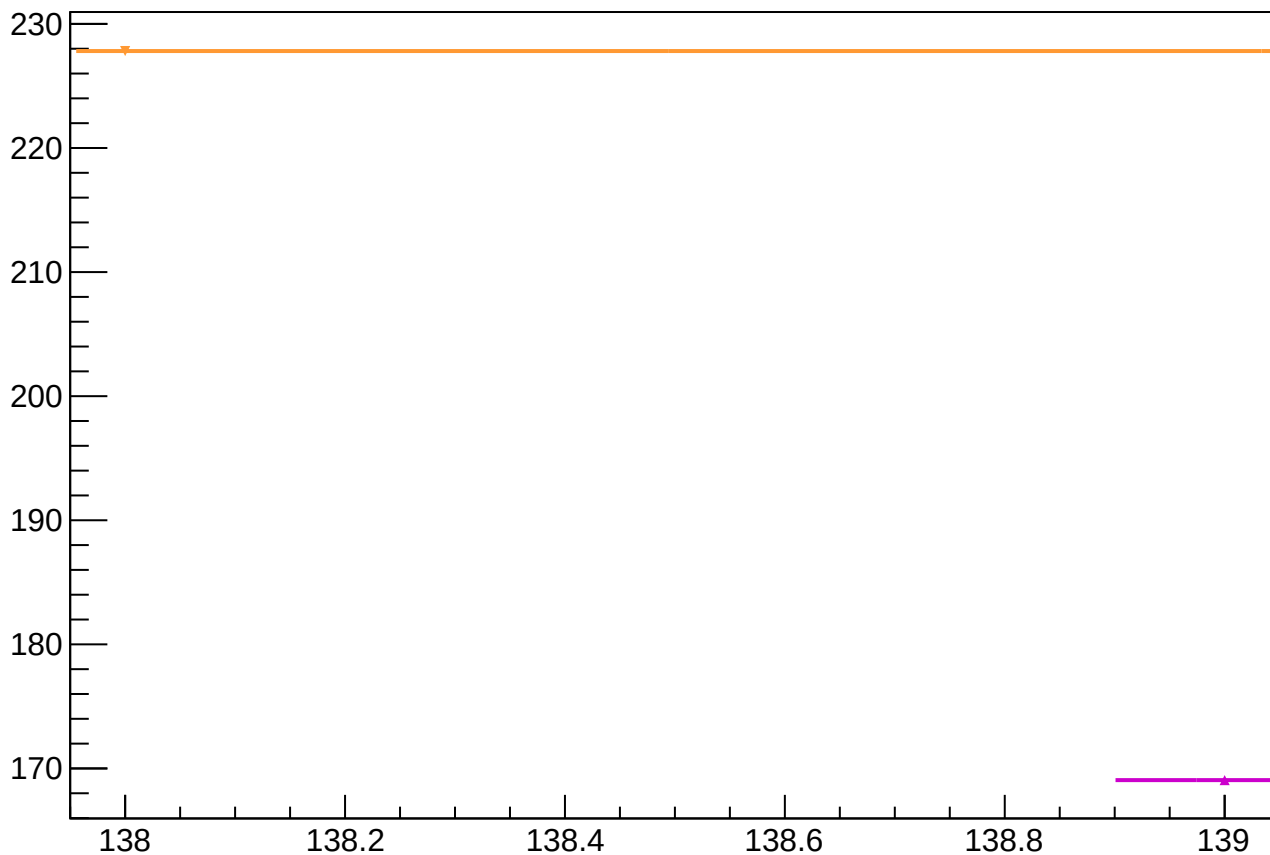
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -61.488+/-191.623 χ^2/NDF : 0.0/0

Out: 321.021+/-270.693 χ^2/NDF : 0.0/0

All: 66.205+/-156.401 χ^2/NDF : 1.3/1

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: 169.059+/-0.135 χ^2/NDF : 0.0/0

Left: 188.673+/-0.111 χ^2/NDF : 62766.6/1

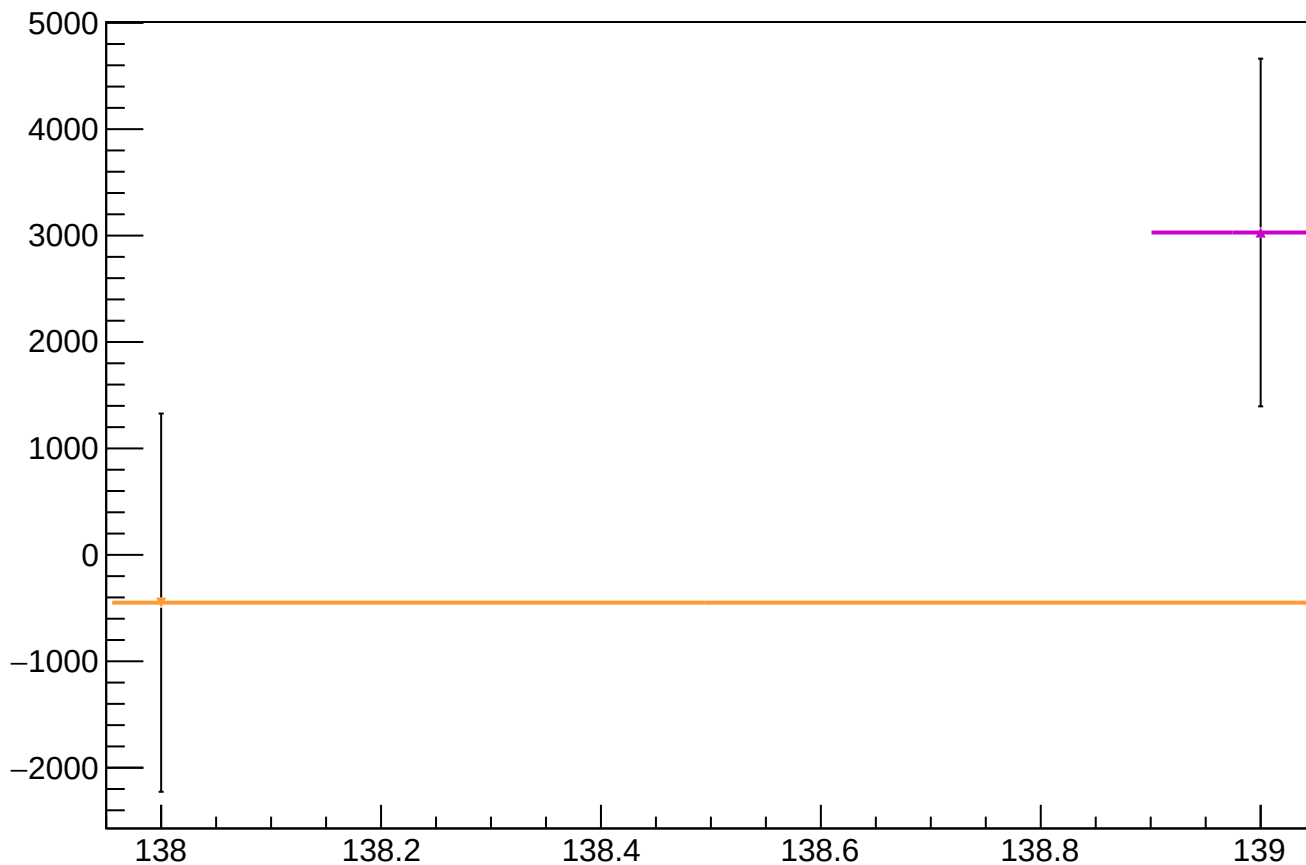
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 169.059+/-0.135 χ^2/NDF : 0.0/0

Out: 227.813+/-0.191 χ^2/NDF : 0.0/0

All: 188.673+/-0.111 χ^2/NDF : 62766.6/1

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: 3028.828+/-1633.476 χ^2/NDF : 0.0/0

Left: 1436.113+/-1202.635 χ^2/NDF : 2.1/1

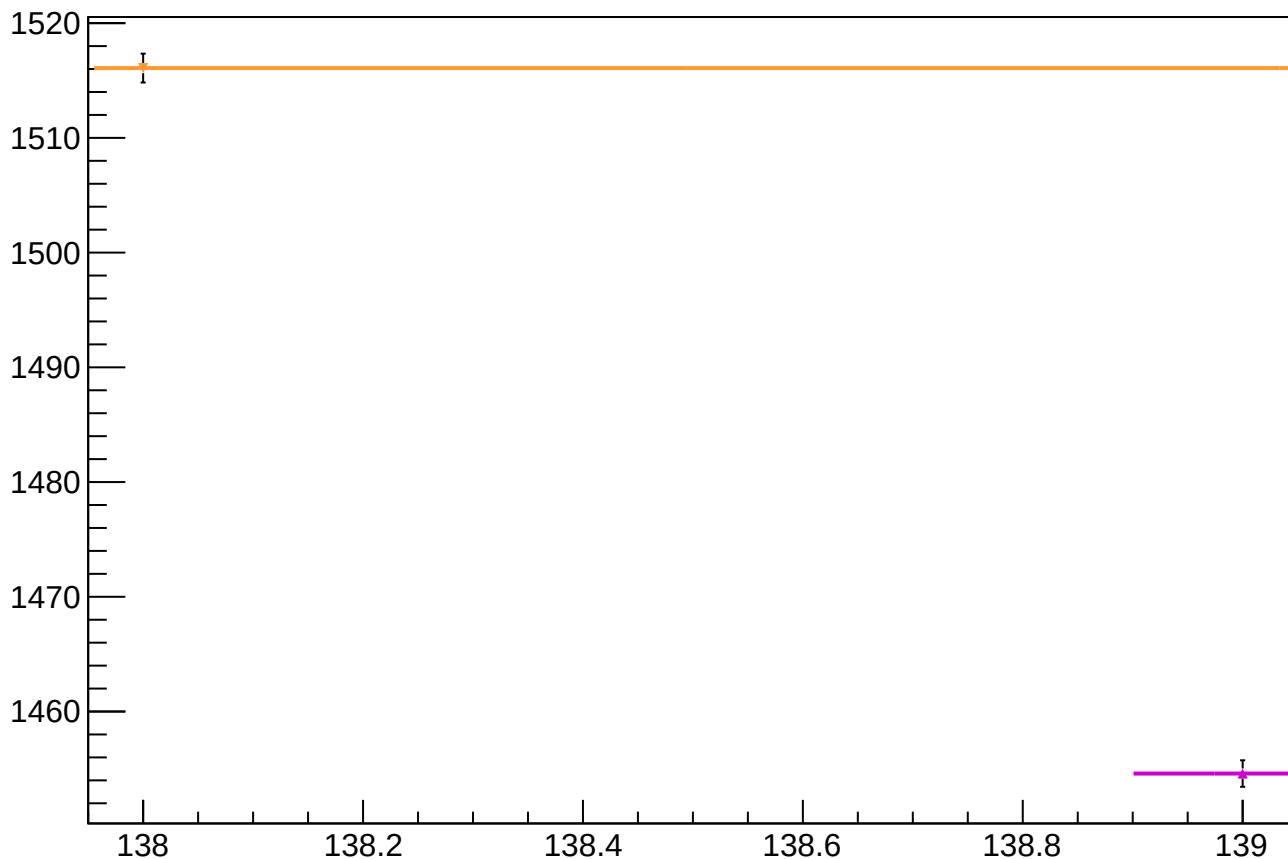
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3028.828+/-1633.476 χ^2/NDF : 0.0/0

Out: -449.122+/-1777.160 χ^2/NDF : 0.0/0

All: 1436.113+/-1202.635 χ^2/NDF : 2.1/1

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: 1454.593+/-1.155 χ^2/NDF : 0.0/0

Left: 1482.752+/-0.850 χ^2/NDF : 1297.8/1

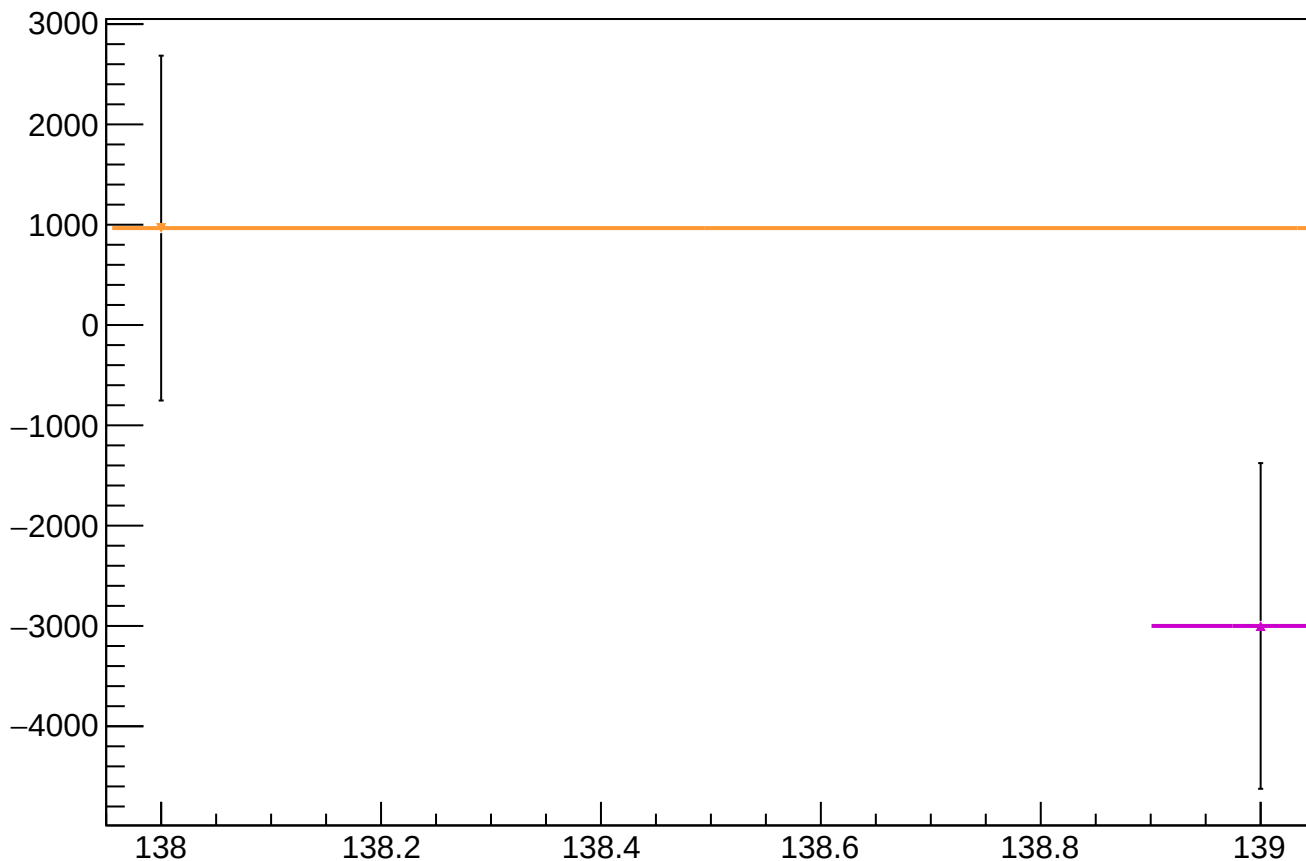
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1454.593+/-1.155 χ^2/NDF : 0.0/0

Out: 1516.083+/-1.257 χ^2/NDF : 0.0/0

All: 1482.752+/-0.850 χ^2/NDF : 1297.8/1

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: -3000.057+/-1623.445 χ^2/NDF : 0.0/0

Left: -1130.173+/-1180.272 χ^2/NDF : 2.8/1

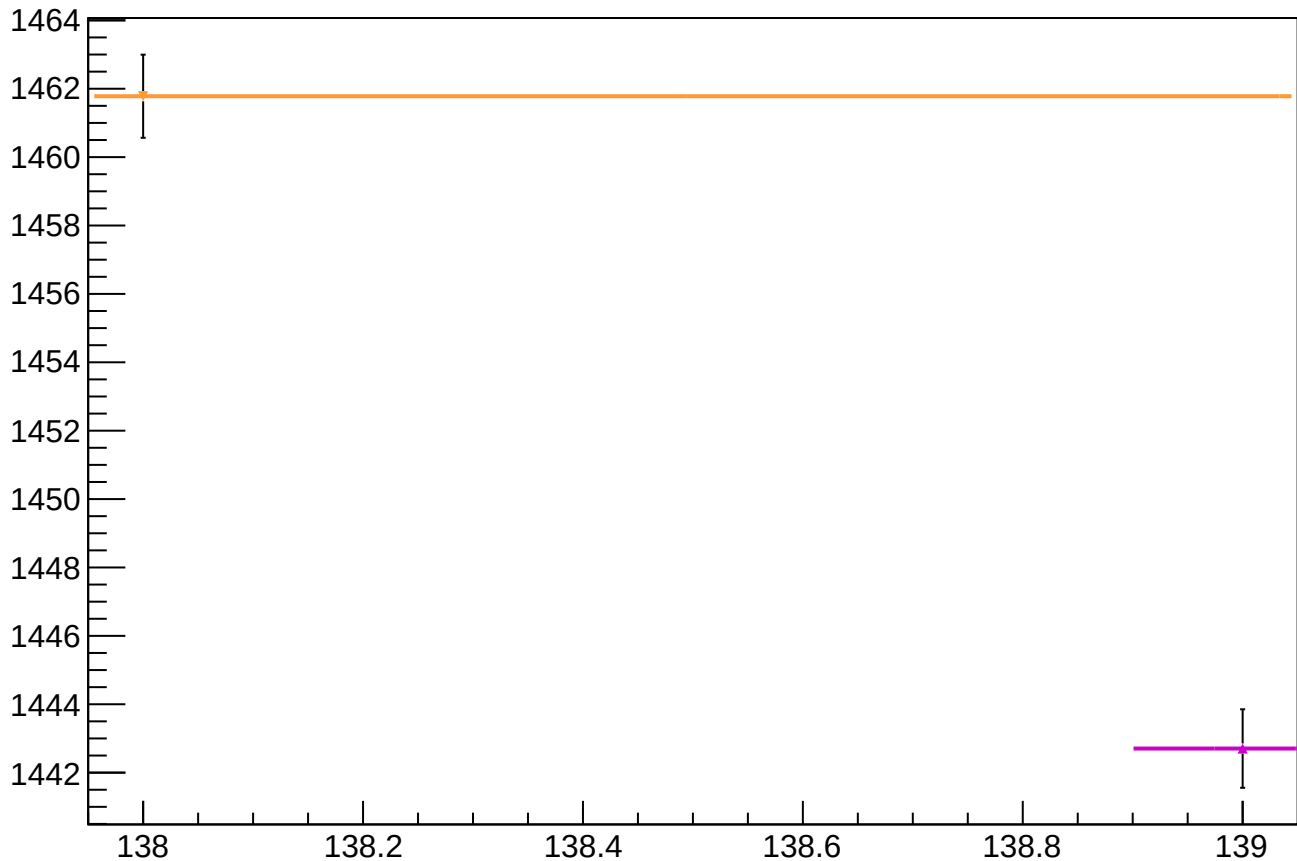
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3000.057+/-1623.445 χ^2/NDF : 0.0/0

Out: 966.214+/-1718.961 χ^2/NDF : 0.0/0

All: -1130.173+/-1180.272 χ^2/NDF : 2.8/1

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: 1442.705+/-1.148 χ^2/NDF : 0.0/0

Left: 1451.698+/-0.835 χ^2/NDF : 130.2/1

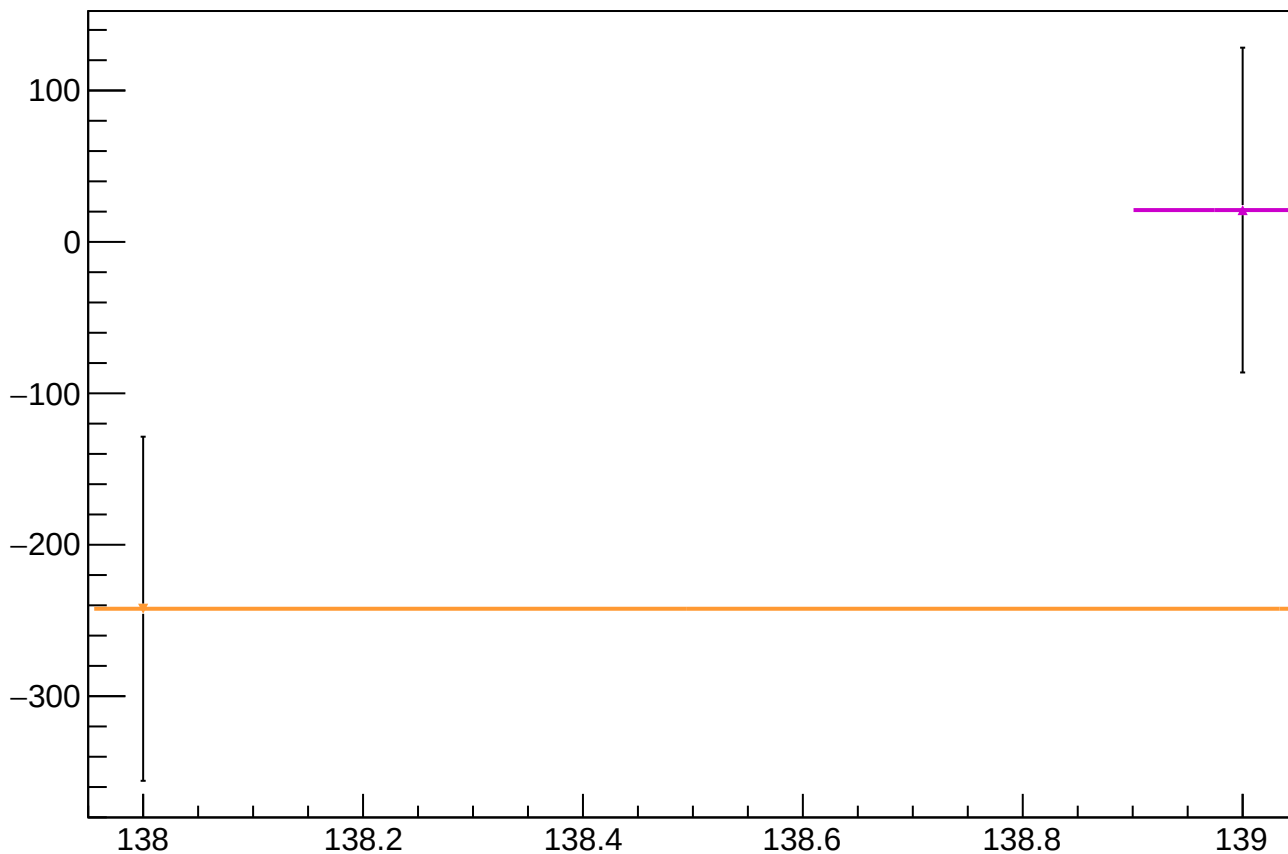
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1442.705+/-1.148 χ^2/NDF : 0.0/0

Out: 1461.780+/-1.215 χ^2/NDF : 0.0/0

All: 1451.698+/-0.835 χ^2/NDF : 130.2/1

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: 21.028+/-107.253 χ^2/NDF : 0.0/0

Left: -103.029+/-77.995 χ^2/NDF : 2.8/1

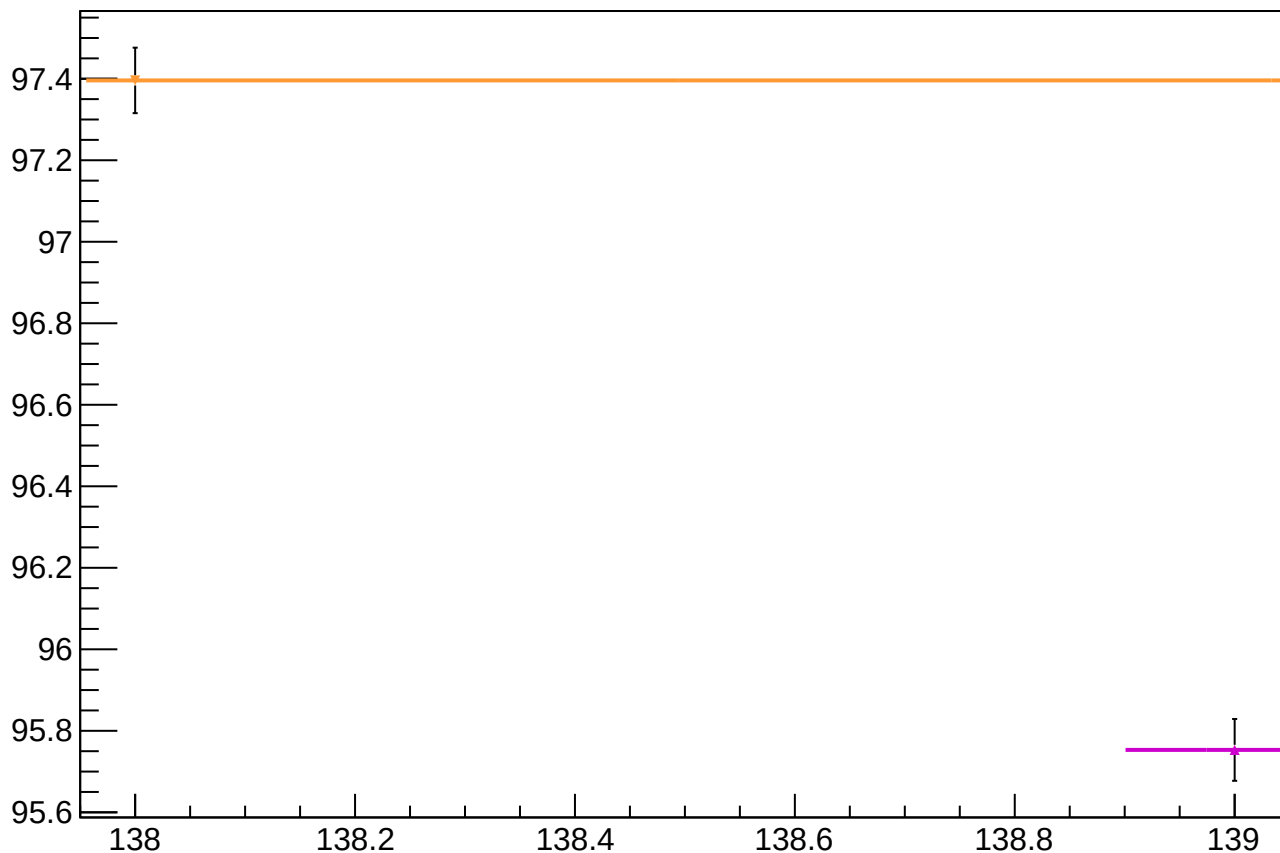
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 21.028+/-107.253 χ^2/NDF : 0.0/0

Out: -242.262+/-113.625 χ^2/NDF : 0.0/0

All: -103.029+/-77.995 χ^2/NDF : 2.8/1

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: 95.753 $\pm$ 0.076 χ^2 /NDF: 0.0/0

Left: 96.527 $\pm$ 0.055 χ^2 /NDF: 221.1/1

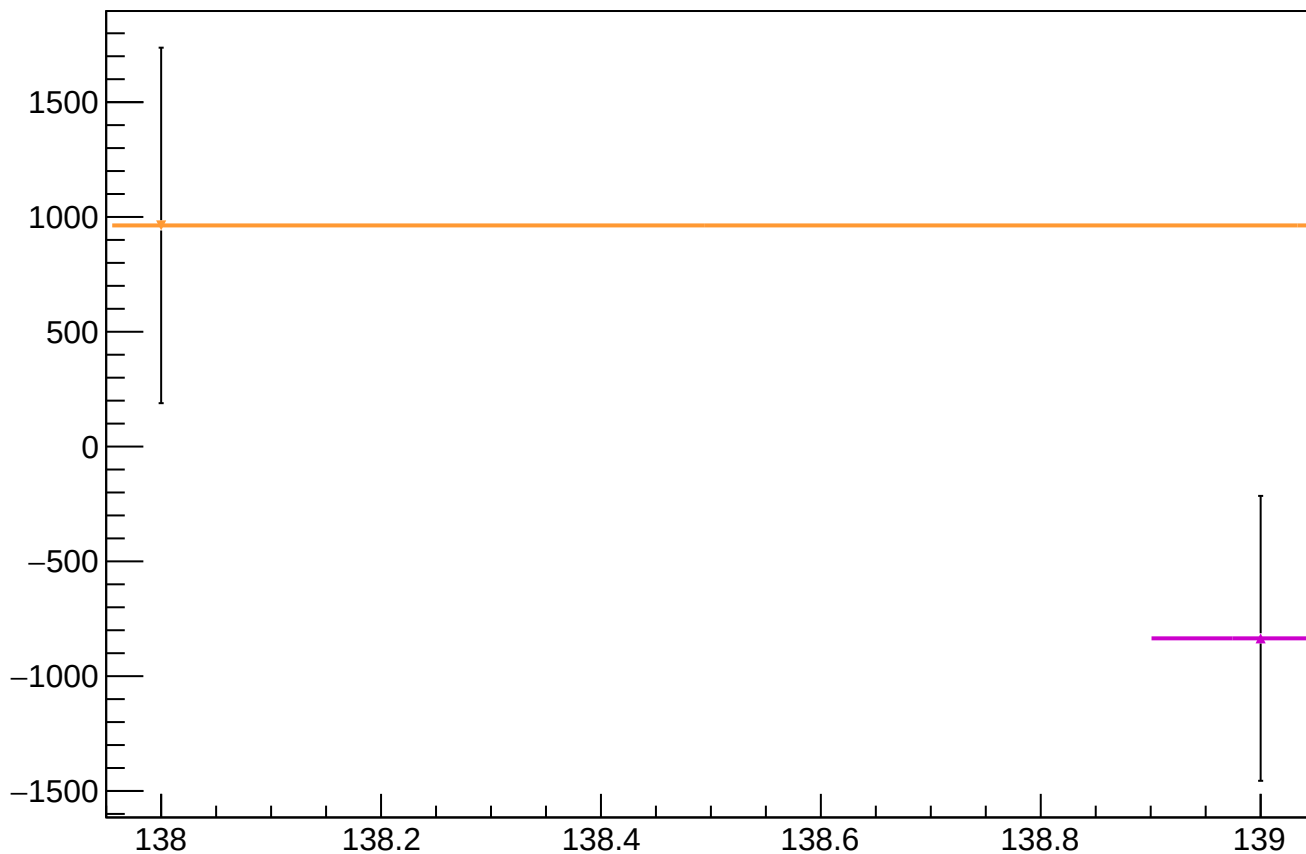
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 95.753 $\pm$ 0.076 χ^2 /NDF: 0.0/0

Out: 97.396 $\pm$ 0.080 χ^2 /NDF: 0.0/0

All: 96.527 $\pm$ 0.055 χ^2 /NDF: 221.1/1

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: -835.301+/-620.426 χ^2/NDF : 0.0/0

Left: -131.964+/-484.140 χ^2/NDF : 3.3/1

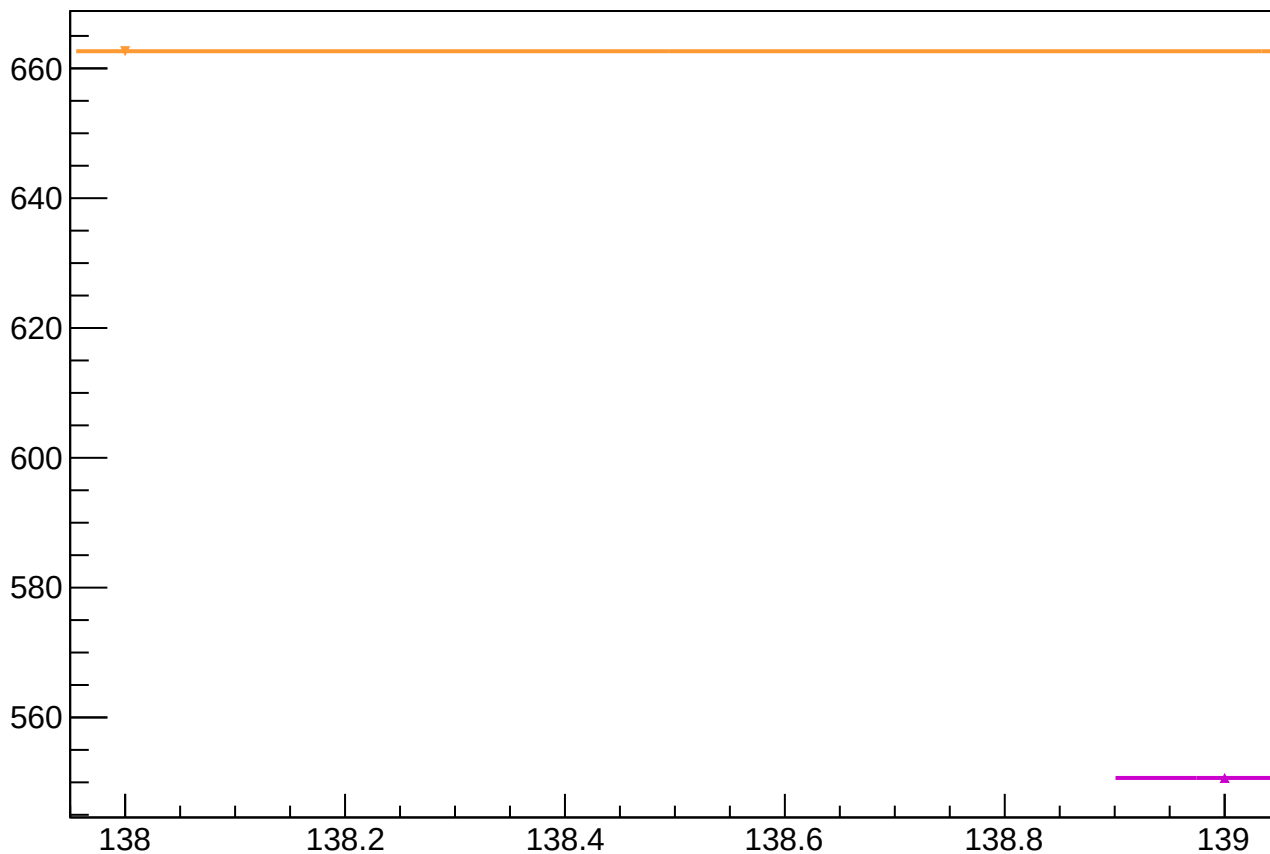
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -835.301+/-620.426 χ^2/NDF : 0.0/0

Out: 963.150+/-774.173 χ^2/NDF : 0.0/0

All: -131.964+/-484.140 χ^2/NDF : 3.3/1

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 662.643 $\pm$ 0.547 χ^2 /NDF: 0.0/0

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

Left In: 550.678 $\pm$ 0.439 χ^2 /NDF: 0.0/0

Left: 594.465 $\pm$ 0.342 χ^2 /NDF: 25473.1/1

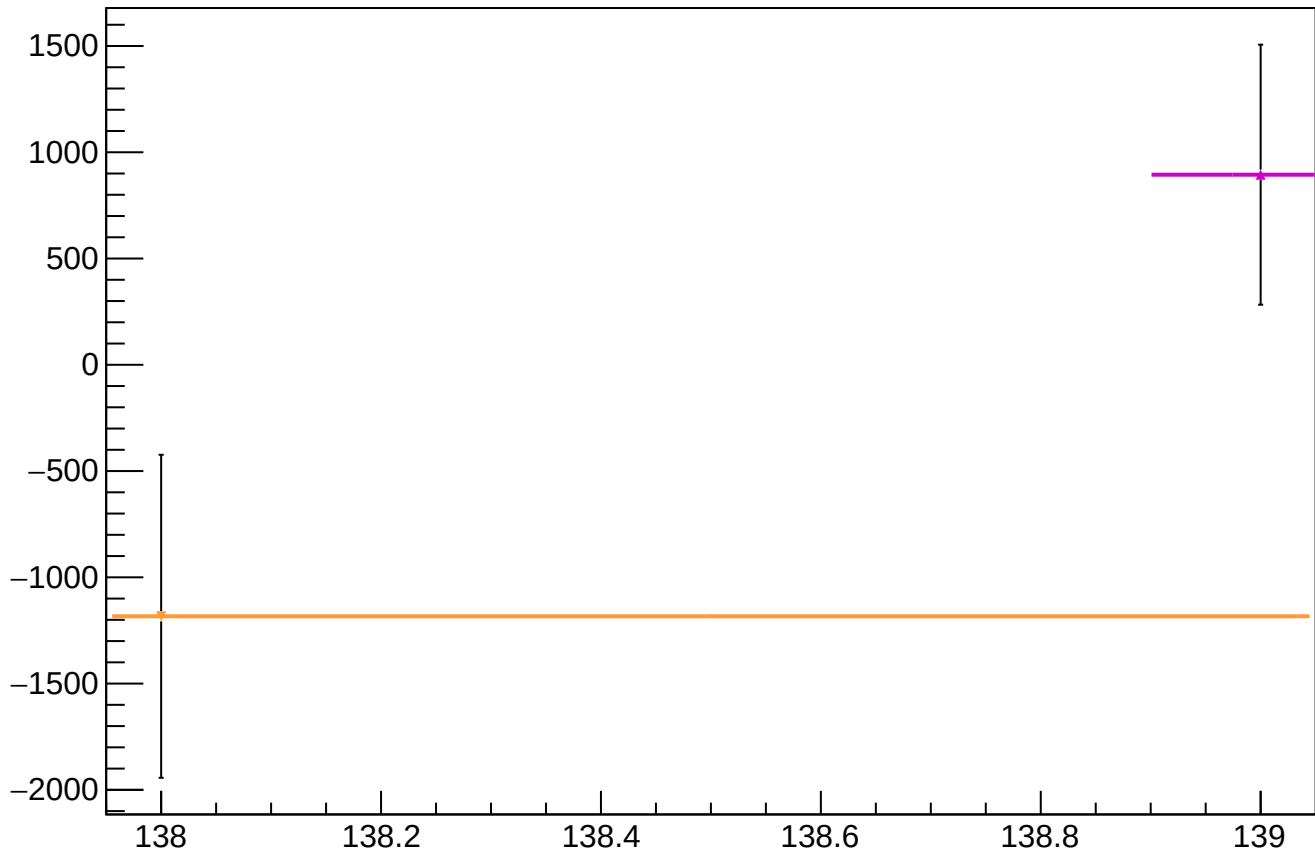
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 550.678 $\pm$ 0.439 χ^2 /NDF: 0.0/0

Out: 662.643 $\pm$ 0.547 χ^2 /NDF: 0.0/0

All: 594.465 $\pm$ 0.342 χ^2 /NDF: 25473.1/1

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -1183.379+/-759.960 χ^2/NDF : 0.0/0

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

Left In: 894.500+/-611.763 χ^2/NDF : 0.0/0

Left: 77.458+/-476.544 χ^2/NDF : 4.5/1

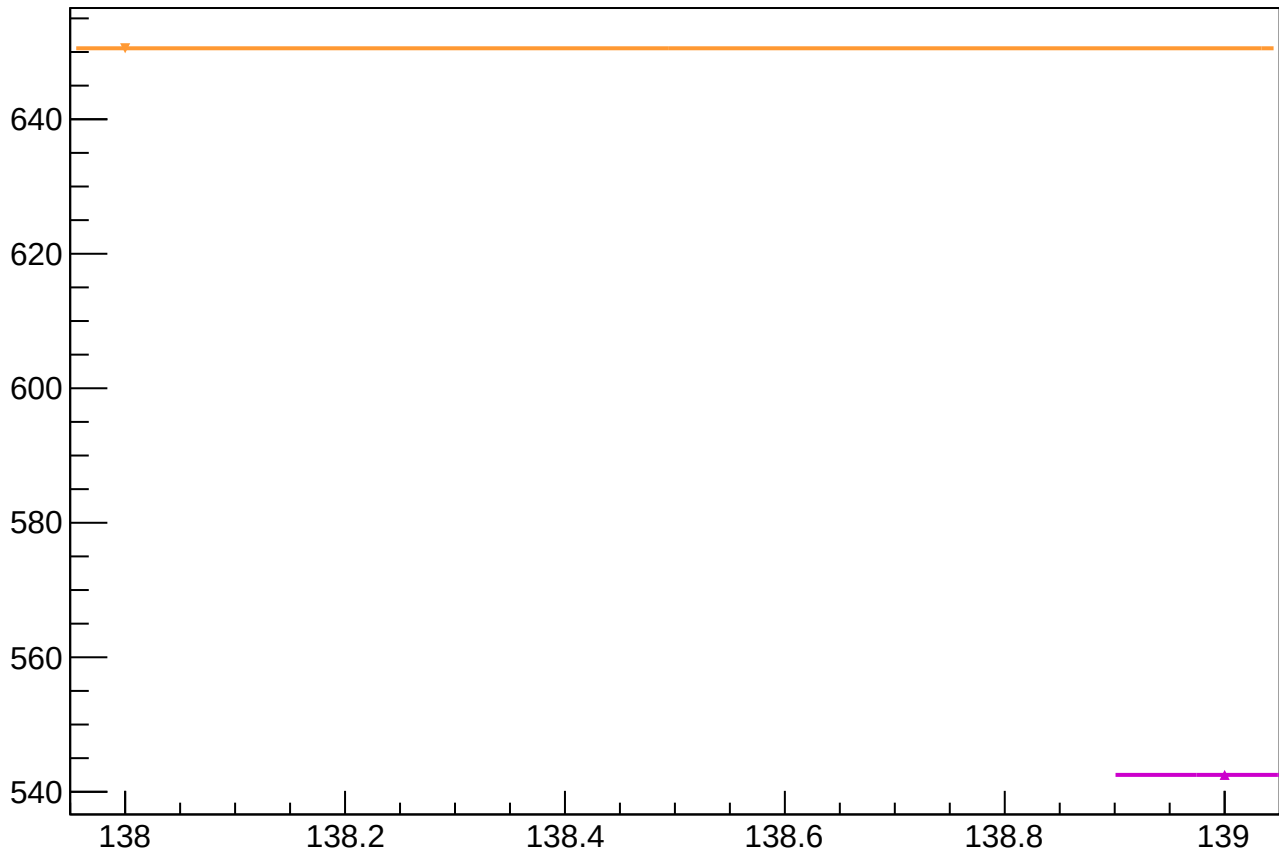
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 894.500+/-611.763 χ^2/NDF : 0.0/0

Out: -1183.379+/-759.960 χ^2/NDF : 0.0/0

All: 77.458+/-476.544 χ^2/NDF : 4.5/1

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: 542.513+/-0.433 χ^2/NDF : 0.0/0

Left: 584.996+/-0.337 χ^2/NDF : 24527.5/1

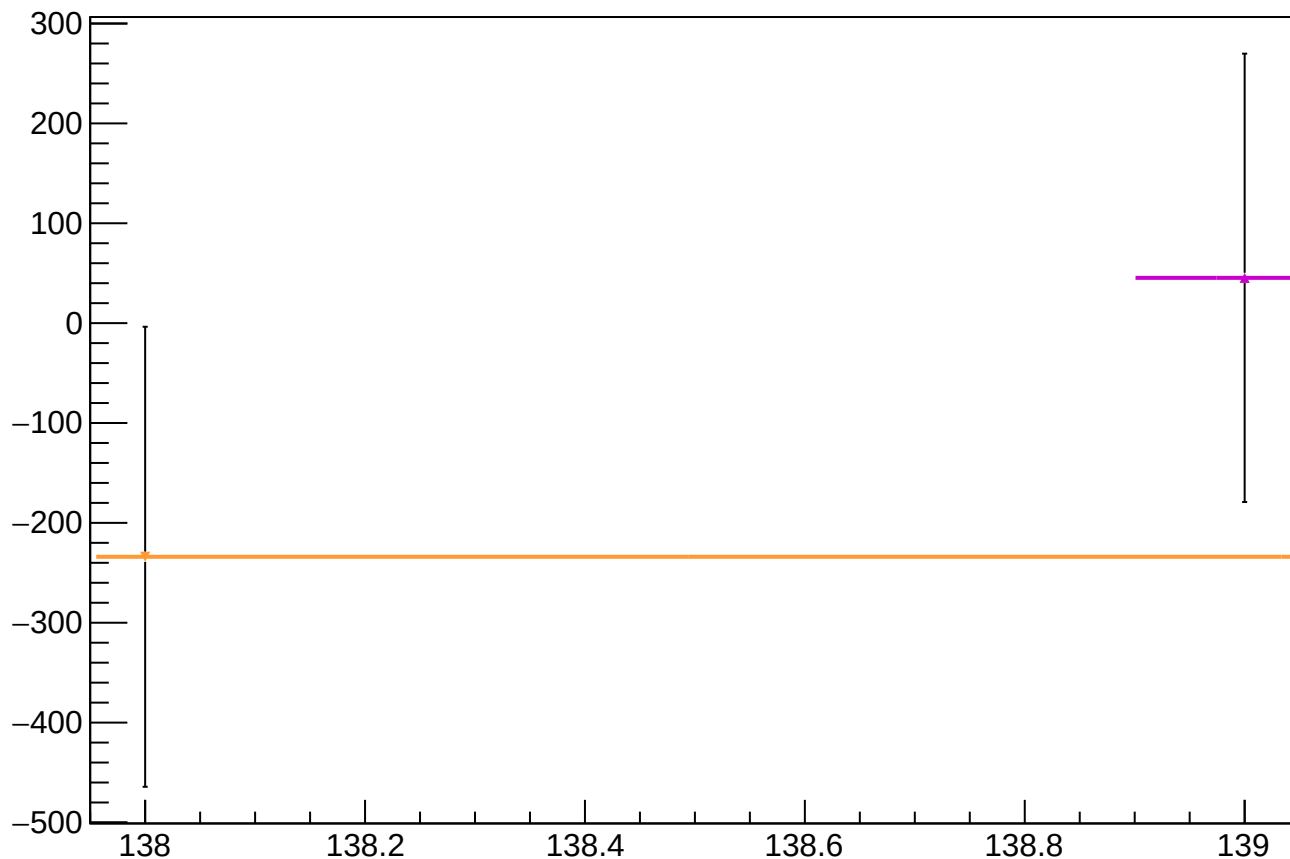
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 542.513+/-0.433 χ^2/NDF : 0.0/0

Out: 650.553+/-0.537 χ^2/NDF : 0.0/0

All: 584.996+/-0.337 χ^2/NDF : 24527.5/1

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -233.951 $\pm$ 230.325 χ^2 /NDF:0.0/0

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

Left In: 45.345 $\pm$ 224.469 χ^2 /NDF:0.0/0

Left: -90.707 $\pm$ 160.754 χ^2 /NDF: 0.8/1

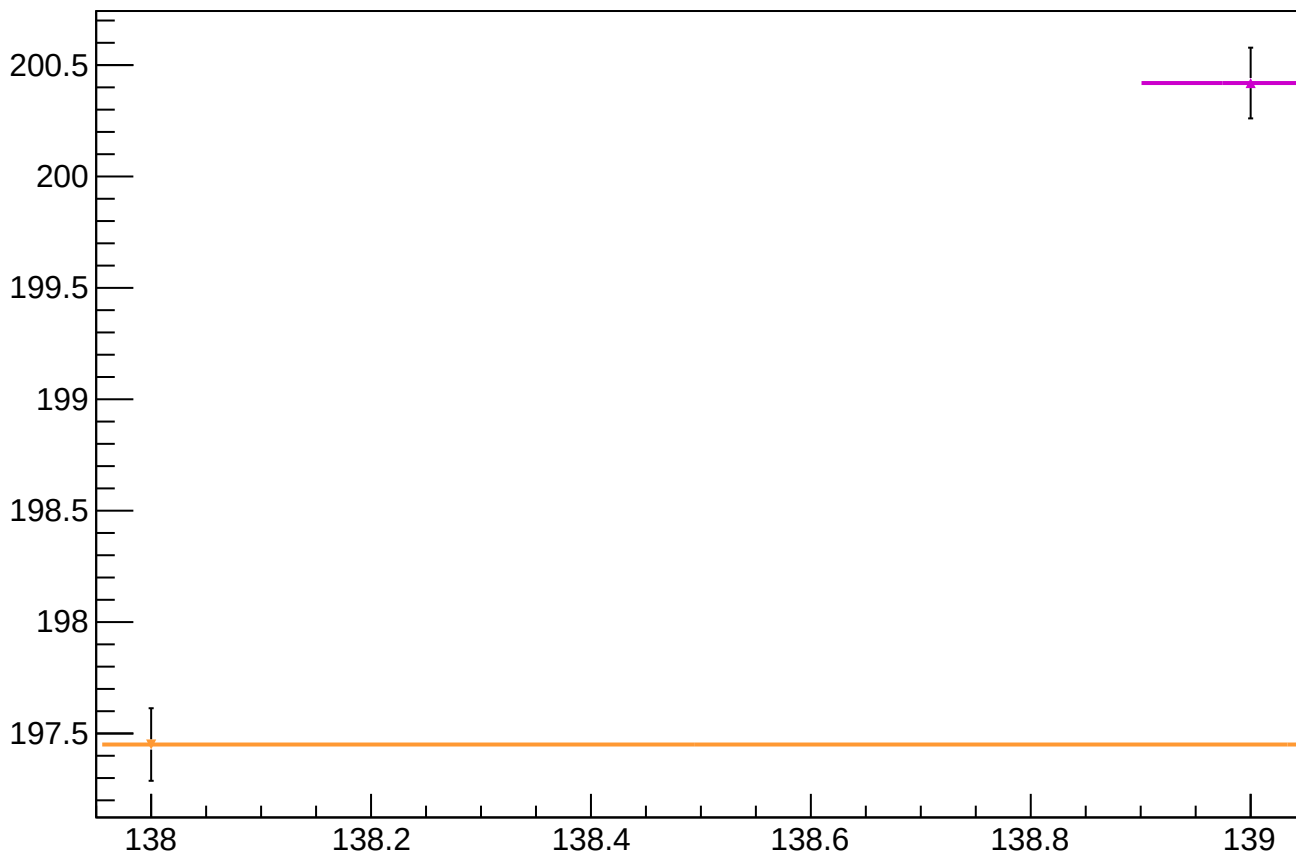
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 45.345 $\pm$ 224.469 χ^2 /NDF:0.0/0

Out: -233.951 $\pm$ 230.325 χ^2 /NDF:0.0/0

All: -90.707 $\pm$ 160.754 χ^2 /NDF: 0.8/1

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: 200.419+/-0.159 χ^2/NDF : 0.0/0

Left: 198.973+/-0.114 χ^2/NDF : 170.4/1

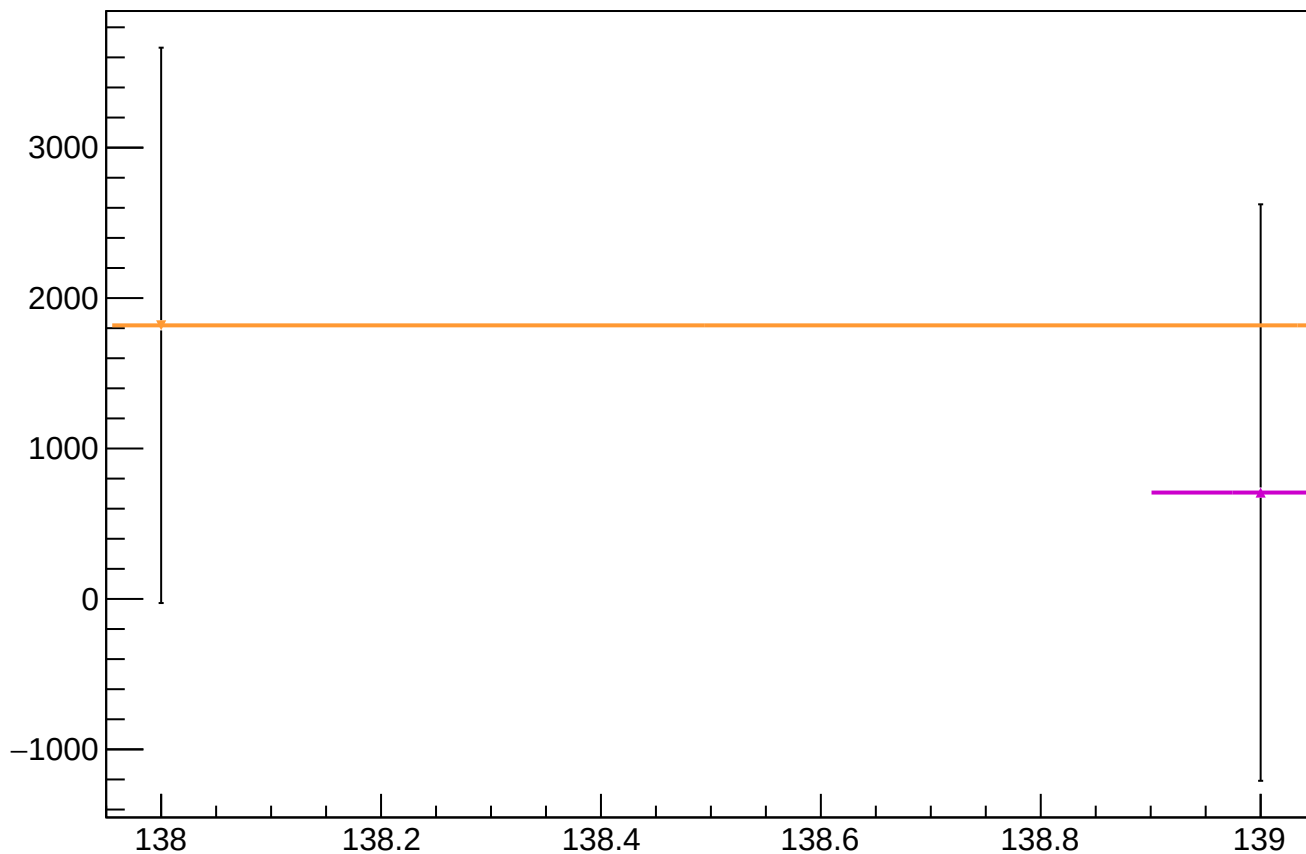
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 200.419+/-0.159 χ^2/NDF : 0.0/0

Out: 197.450+/-0.163 χ^2/NDF : 0.0/0

All: 198.973+/-0.114 χ^2/NDF : 170.4/1

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: 707.182+/-1916.122 χ^2/NDF : 0.0/0

Left: 1283.650+/-1329.393 χ^2/NDF : 0.2/1

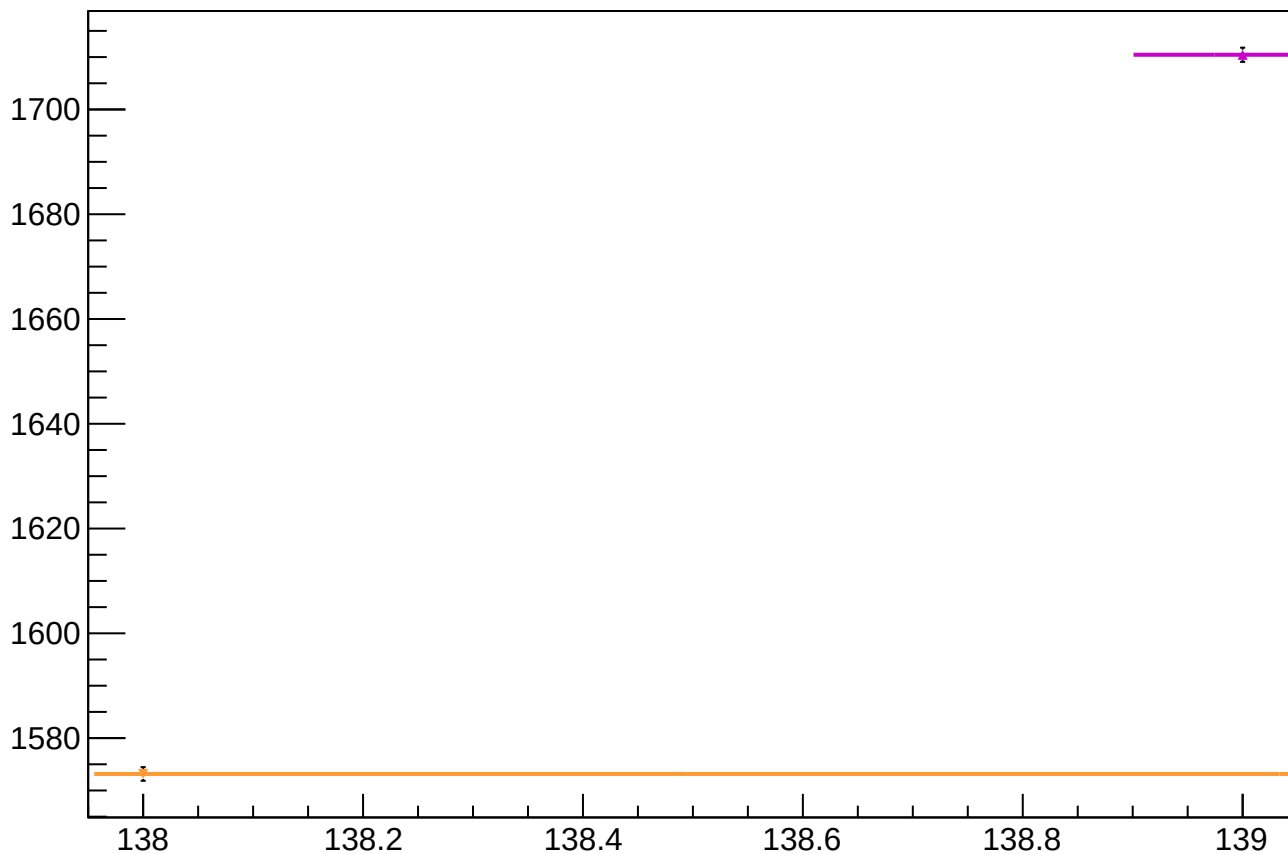
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 707.182+/-1916.122 χ^2/NDF : 0.0/0

Out: 1818.659+/-1845.933 χ^2/NDF : 0.0/0

All: 1283.650+/-1329.393 χ^2/NDF : 0.2/1

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: 1710.441+/-1.355 χ^2/NDF : 0.0/0

Left: 1639.237+/-0.940 χ^2/NDF : 5325.0/1

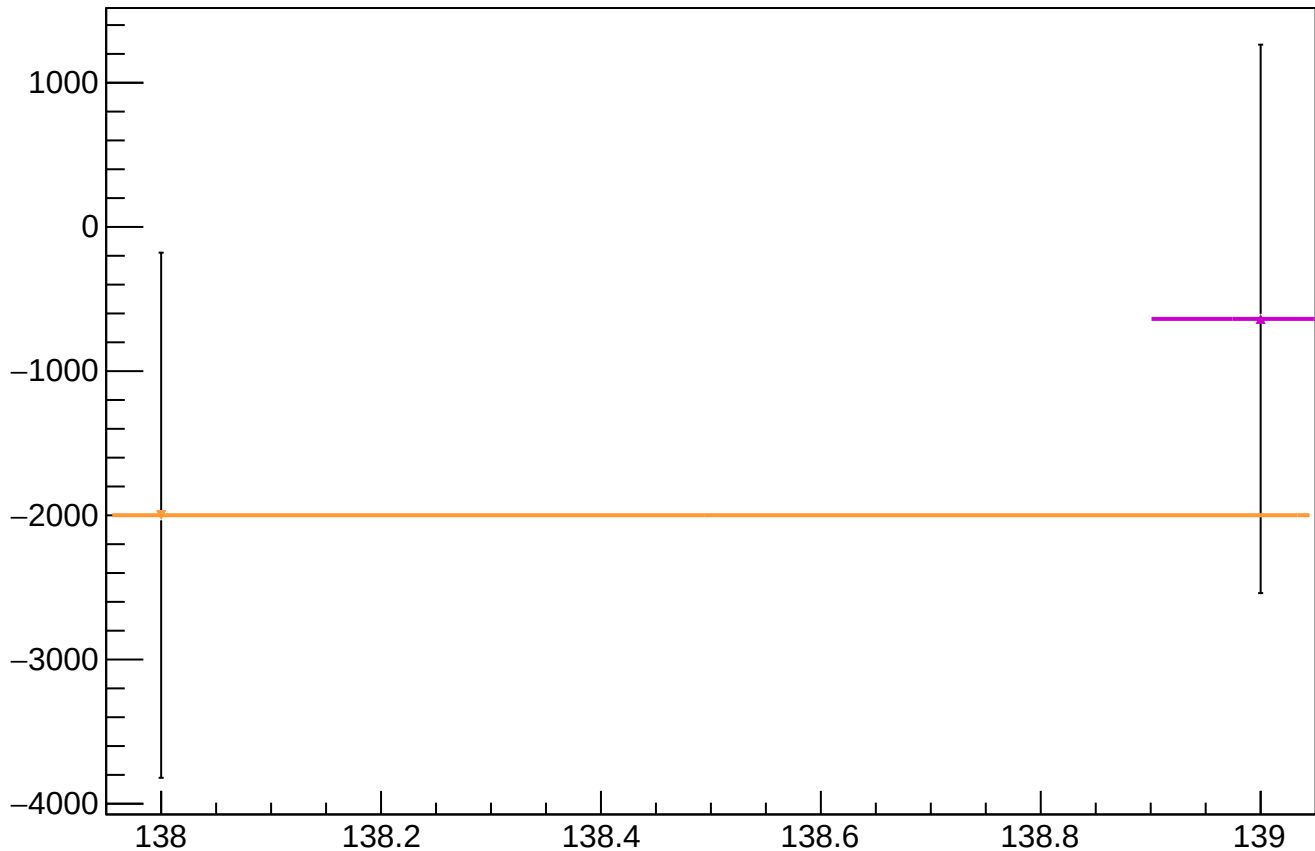
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1710.441+/-1.355 χ^2/NDF : 0.0/0

Out: 1573.153+/-1.305 χ^2/NDF : 0.0/0

All: 1639.237+/-0.940 χ^2/NDF : 5325.0/1

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: -637.706+/-1901.763 χ^2/NDF : 0.0/0

Left: -1348.013+/-1315.241 χ^2/NDF : 0.3/1

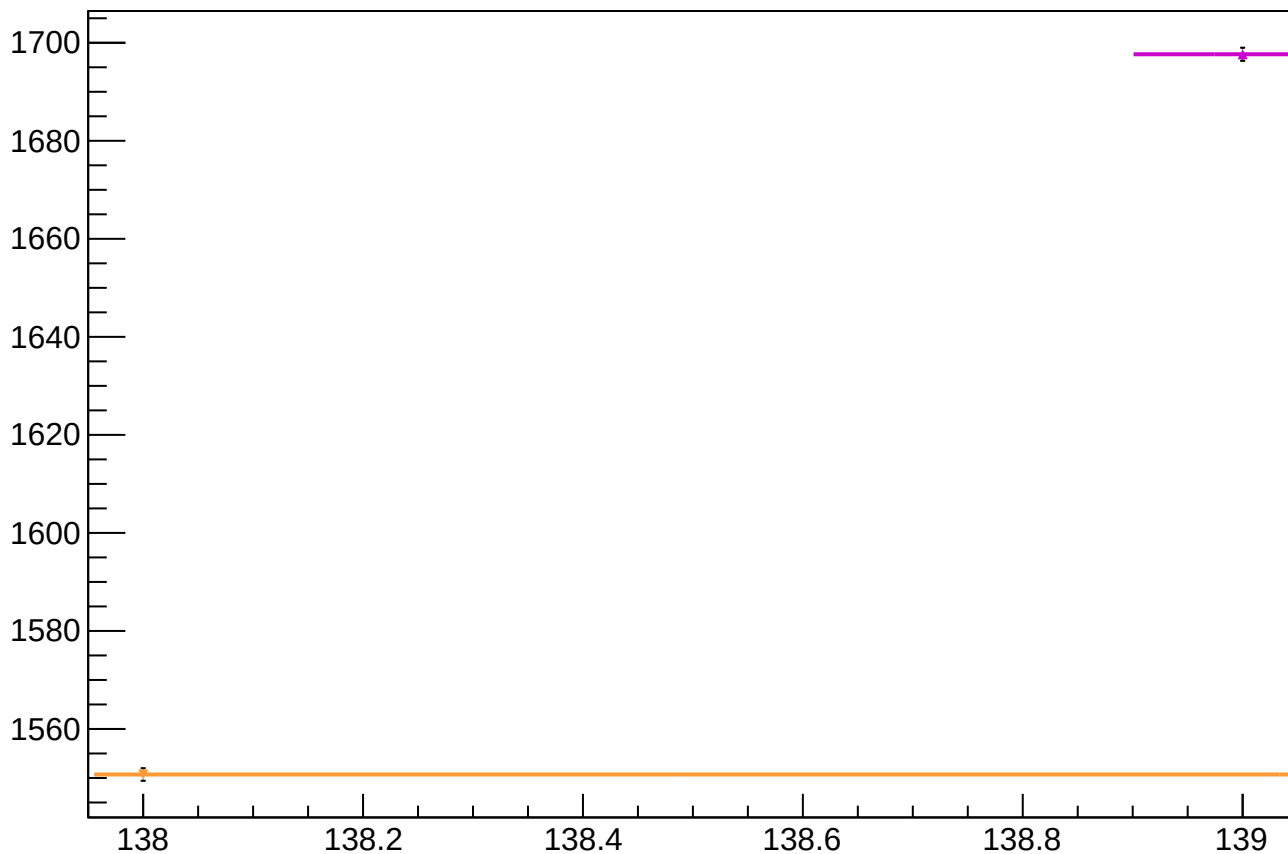
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -637.706+/-1901.763 χ^2/NDF : 0.0/0

Out: -1999.222+/-1820.933 χ^2/NDF : 0.0/0

All: -1348.013+/-1315.241 χ^2/NDF : 0.3/1

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: 1697.656+/-1.345 χ^2/NDF : 0.0/0

Left: 1620.996+/-0.930 χ^2/NDF : 6229.1/1

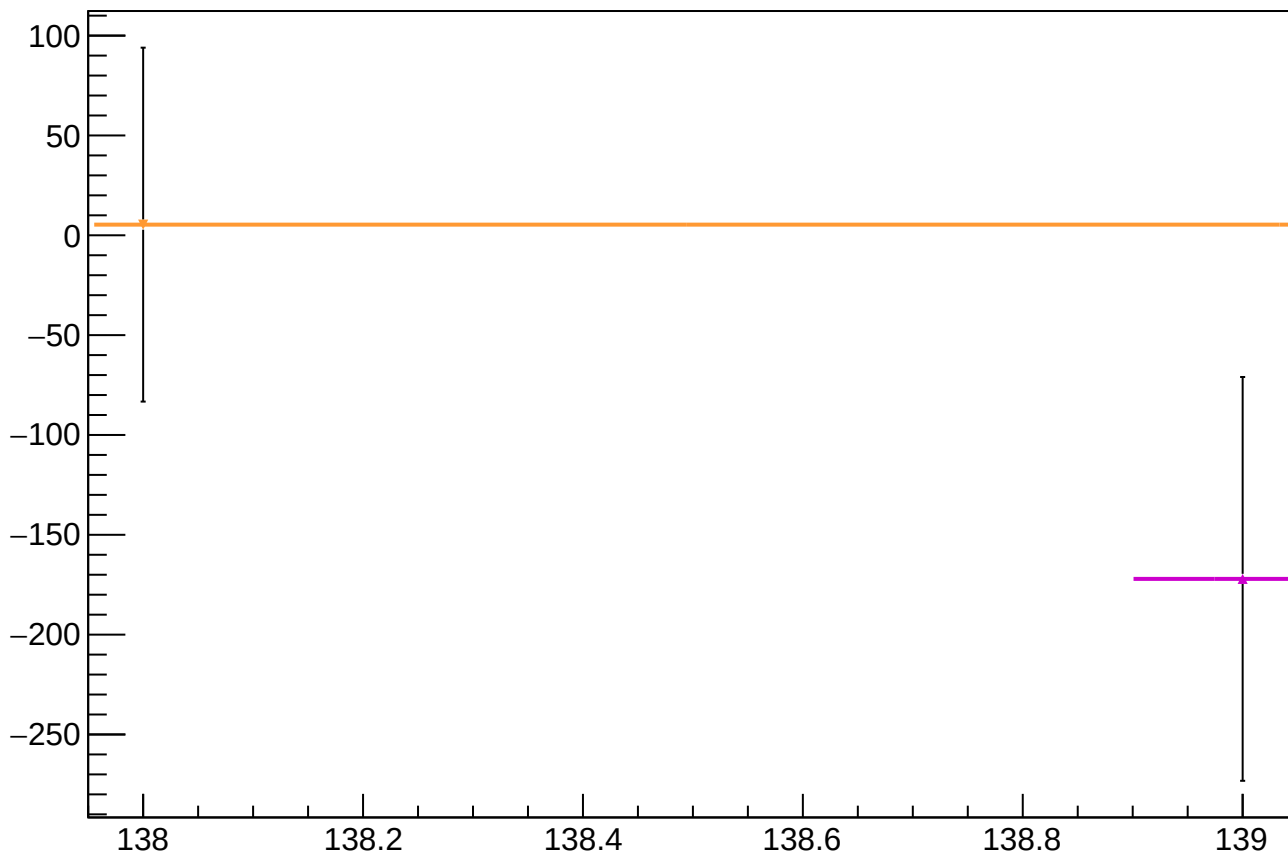
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1697.656+/-1.345 χ^2/NDF : 0.0/0

Out: 1550.714+/-1.288 χ^2/NDF : 0.0/0

All: 1620.996+/-0.930 χ^2/NDF : 6229.1/1

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: -172.084+/-101.117 χ^2 /NDF:0.0/0

Left: -71.744+/-66.649 χ^2 /NDF: 1.7/1

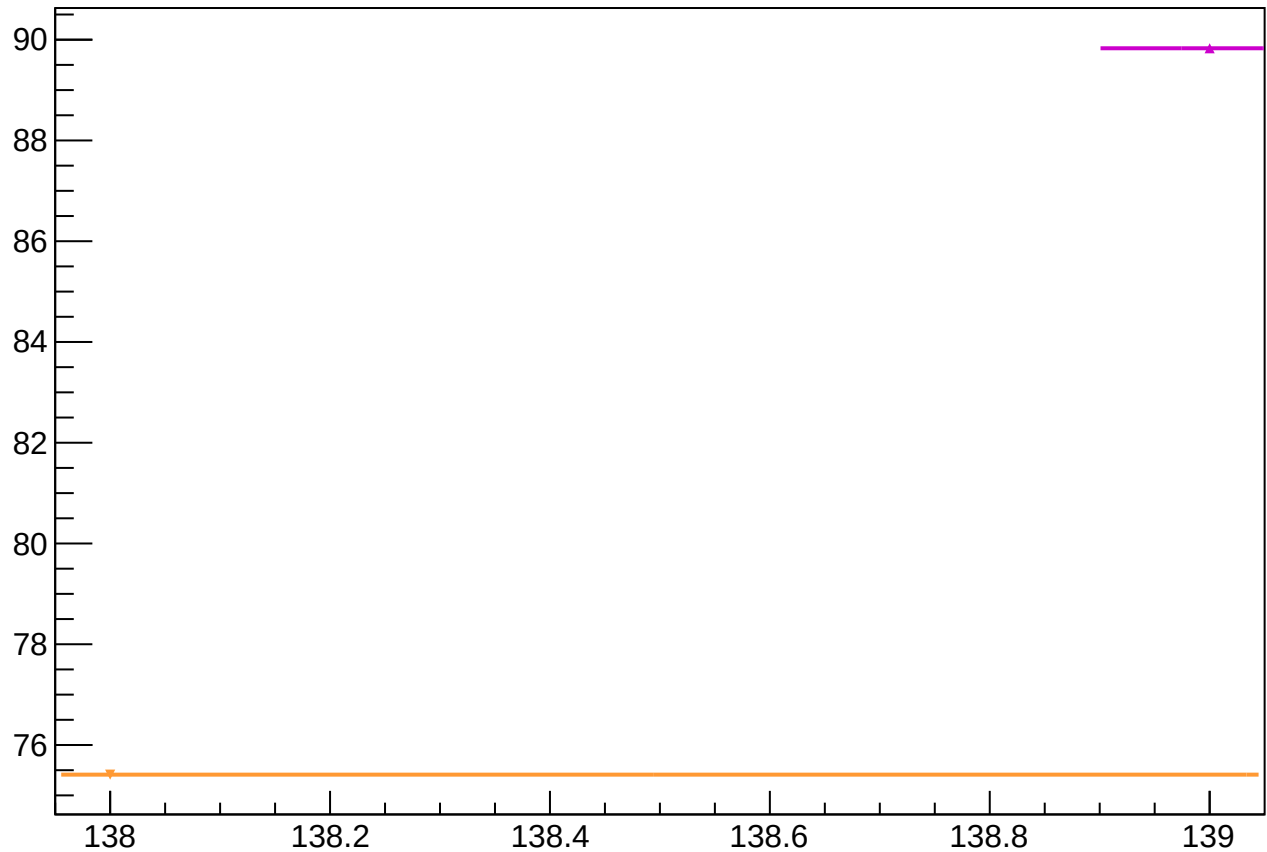
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -172.084+/-101.117 χ^2 /NDF:0.0/0

Out: 5.337+/-88.626 χ^2 /NDF:0.0/0

All: -71.744+/-66.649 χ^2 /NDF: 1.7/1

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: 89.830 ± 0.072 χ^2/NDF : 0.0/0

Left: 81.676 ± 0.047 χ^2/NDF : 22996.9/1

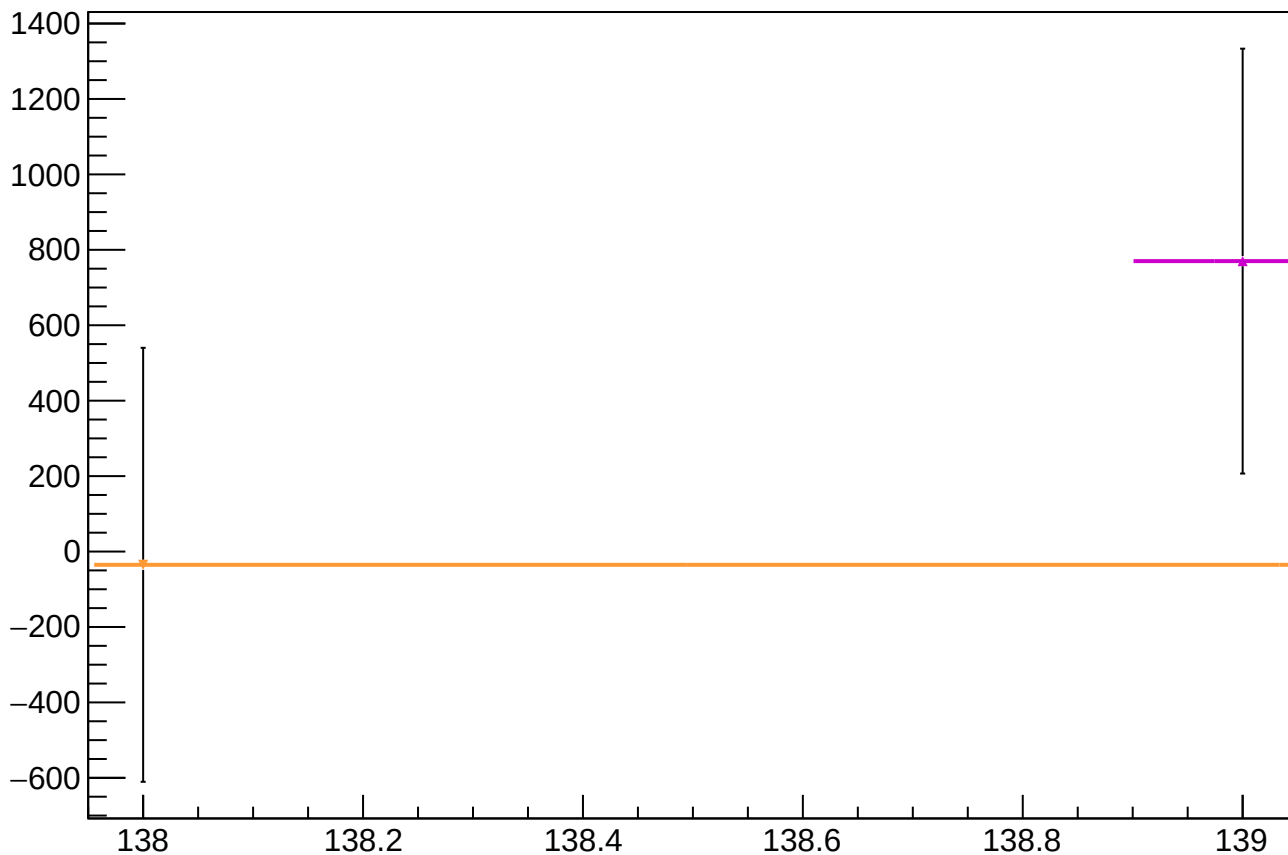
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 89.830 ± 0.072 χ^2/NDF : 0.0/0

Out: 75.412 ± 0.063 χ^2/NDF : 0.0/0

All: 81.676 ± 0.047 χ^2/NDF : 22996.9/1

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: 770.072+/-563.253 χ^2/NDF : 0.0/0

Left: 376.000+/-402.482 χ^2/NDF : 1.0/1

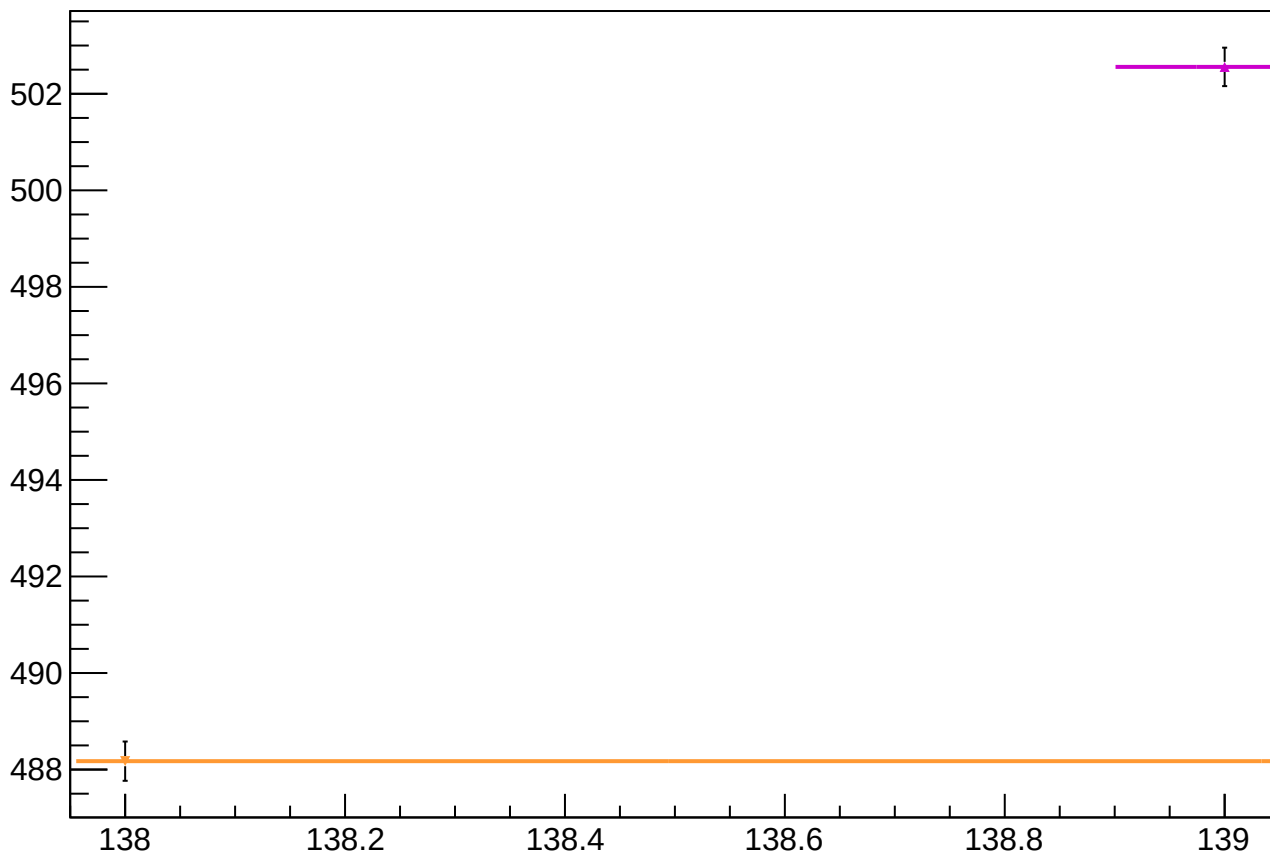
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 770.072+/-563.253 χ^2/NDF : 0.0/0

Out: -35.152+/-575.330 χ^2/NDF : 0.0/0

All: 376.000+/-402.482 χ^2/NDF : 1.0/1

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: 502.557+/-0.398 χ^2/NDF : 0.0/0

Left: 495.518+/-0.285 χ^2/NDF : 638.3/1

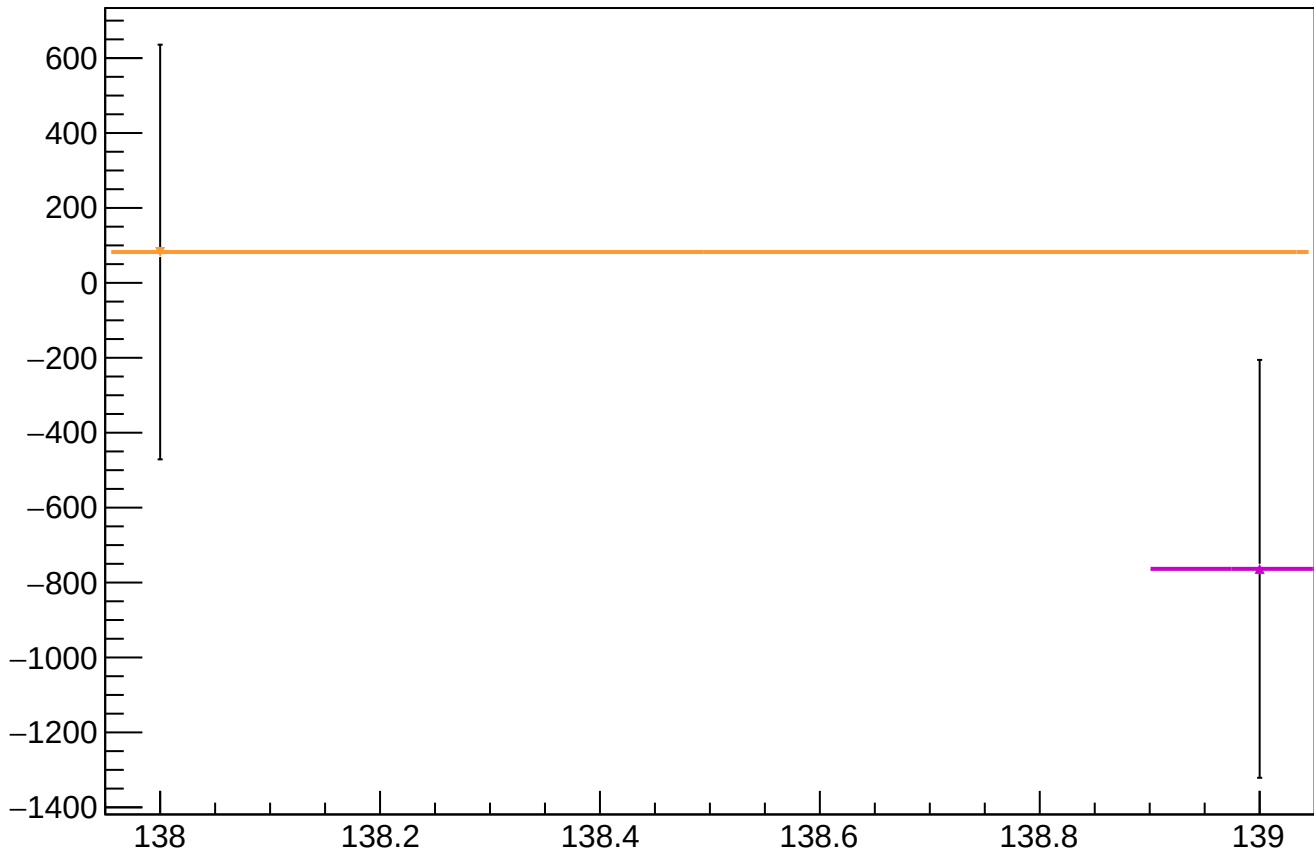
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 502.557+/-0.398 χ^2/NDF : 0.0/0

Out: 488.174+/-0.407 χ^2/NDF : 0.0/0

All: 495.518+/-0.285 χ^2/NDF : 638.3/1

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 82.340 $\pm$ 553.490 χ^2 /NDF: 0.0/0

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

Left In: -763.420 $\pm$ 557.762 χ^2 /NDF: 0.0/0

Left: -337.289 $\pm$ 392.878 χ^2 /NDF: 1.2/1

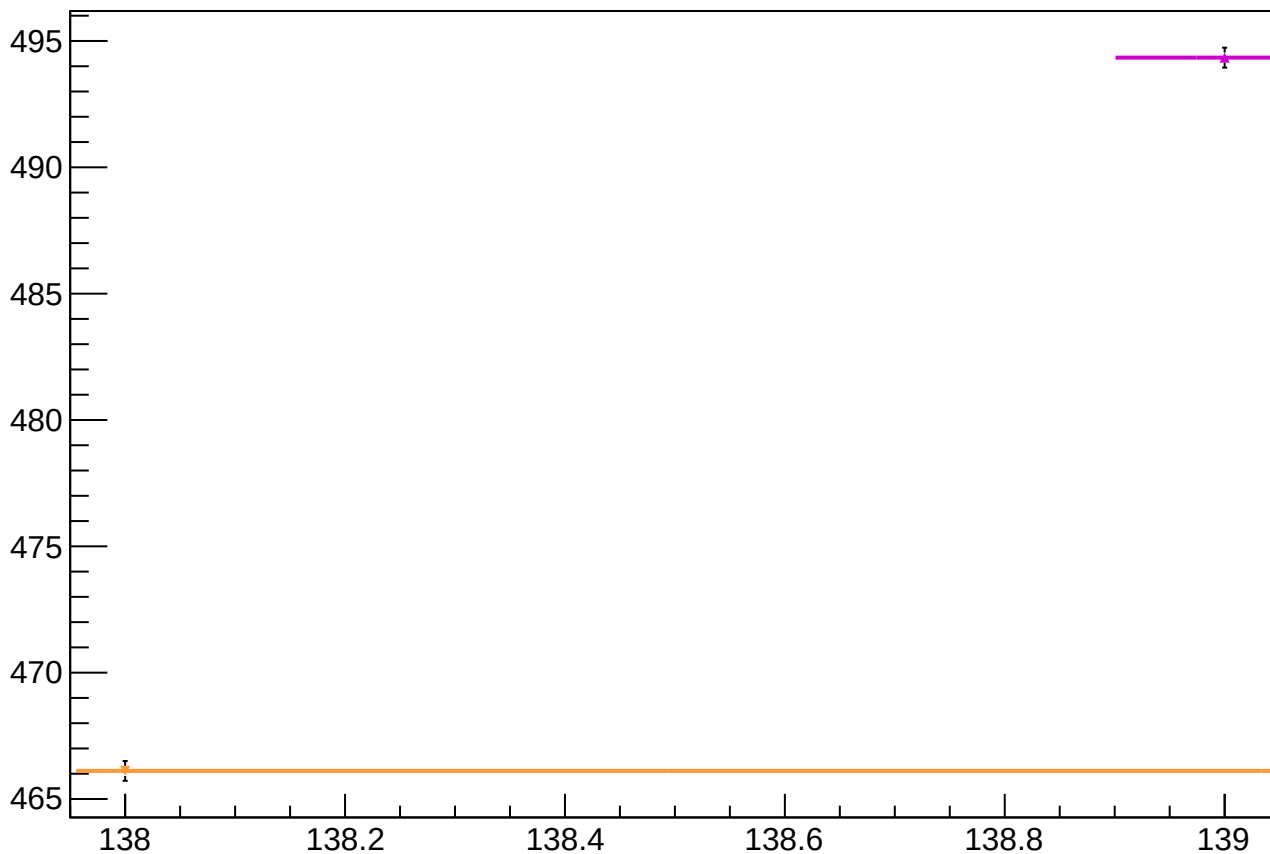
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -763.420 $\pm$ 557.762 χ^2 /NDF: 0.0/0

Out: 82.340 $\pm$ 553.490 χ^2 /NDF: 0.0/0

All: -337.289 $\pm$ 392.878 χ^2 /NDF: 1.2/1

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: 494.341+/-0.394 χ^2/NDF : 0.0/0

Left: 480.118+/-0.278 χ^2/NDF : 2581.2/1

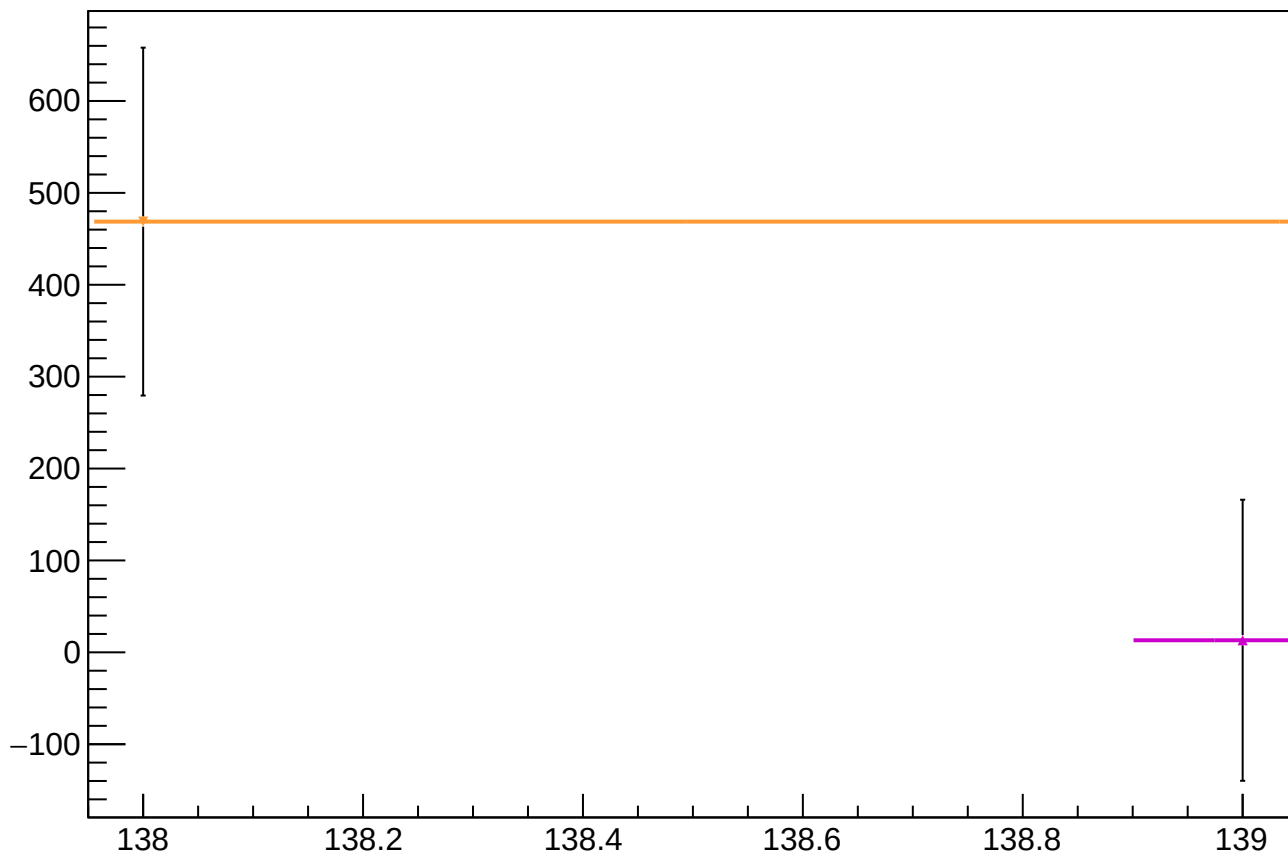
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 494.341+/-0.394 χ^2/NDF : 0.0/0

Out: 466.112+/-0.391 χ^2/NDF : 0.0/0

All: 480.118+/-0.278 χ^2/NDF : 2581.2/1

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: 13.131+/-152.935 χ^2/NDF : 0.0/0

Left: 193.082+/-118.959 χ^2/NDF : 3.5/1

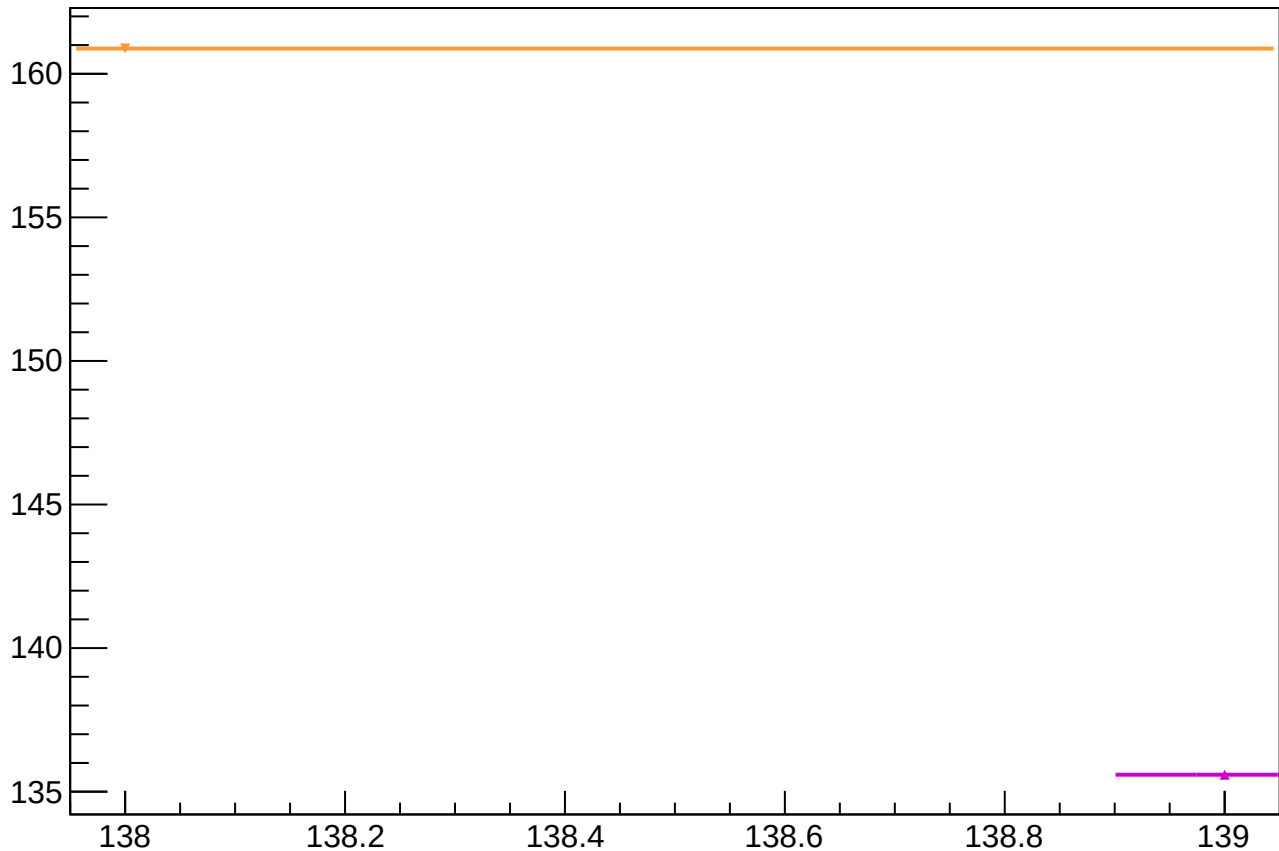
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.131+/-152.935 χ^2/NDF : 0.0/0

Out: 468.736+/-189.283 χ^2/NDF : 0.0/0

All: 193.082+/-118.959 χ^2/NDF : 3.5/1

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: 135.591+/-0.108 χ^2/NDF : 0.0/0

Left: 145.580+/-0.084 χ^2/NDF : 21601.1/1

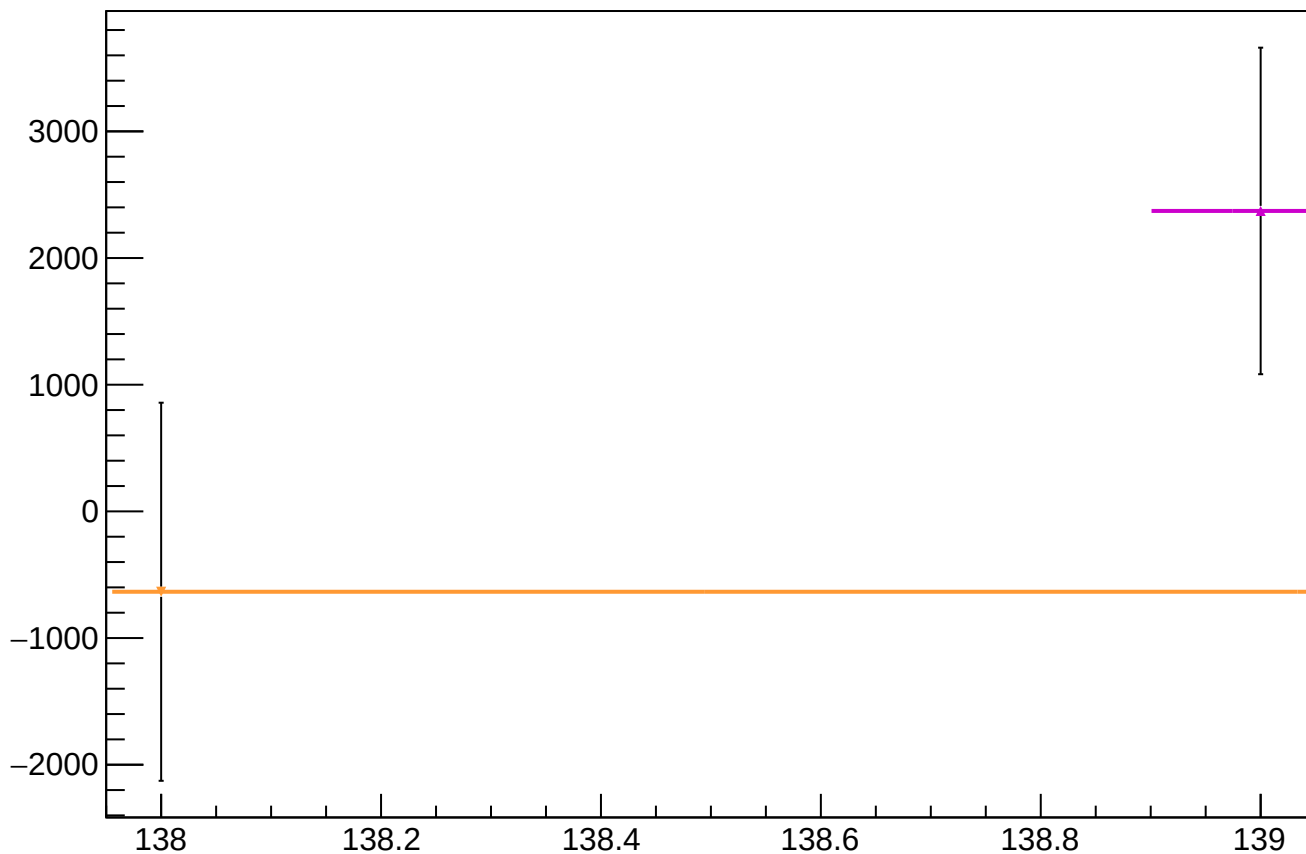
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 135.591+/-0.108 χ^2/NDF : 0.0/0

Out: 160.881+/-0.134 χ^2/NDF : 0.0/0

All: 145.580+/-0.084 χ^2/NDF : 21601.1/1

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: 2371.785+/-1288.900 χ^2/NDF : 0.0/0

Left: 1087.419+/-975.464 χ^2/NDF : 2.3/1

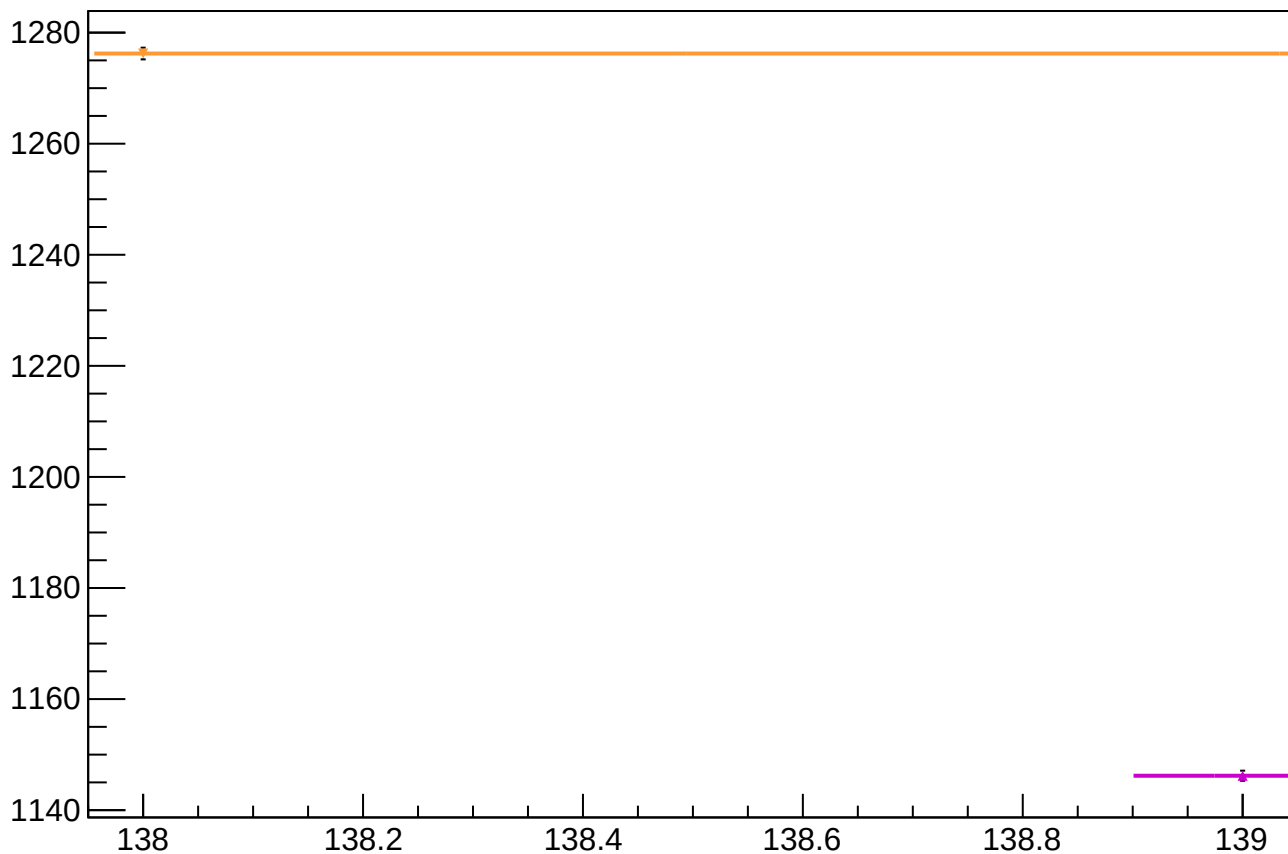
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2371.785+/-1288.900 χ^2/NDF : 0.0/0

Out: -634.515+/-1492.393 χ^2/NDF : 0.0/0

All: 1087.419+/-975.464 χ^2/NDF : 2.3/1

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: 1146.199+/-0.911 χ^2 /NDF:0.0/0

Left: 1201.753+/-0.690 χ^2 /NDF: 8697.1/1

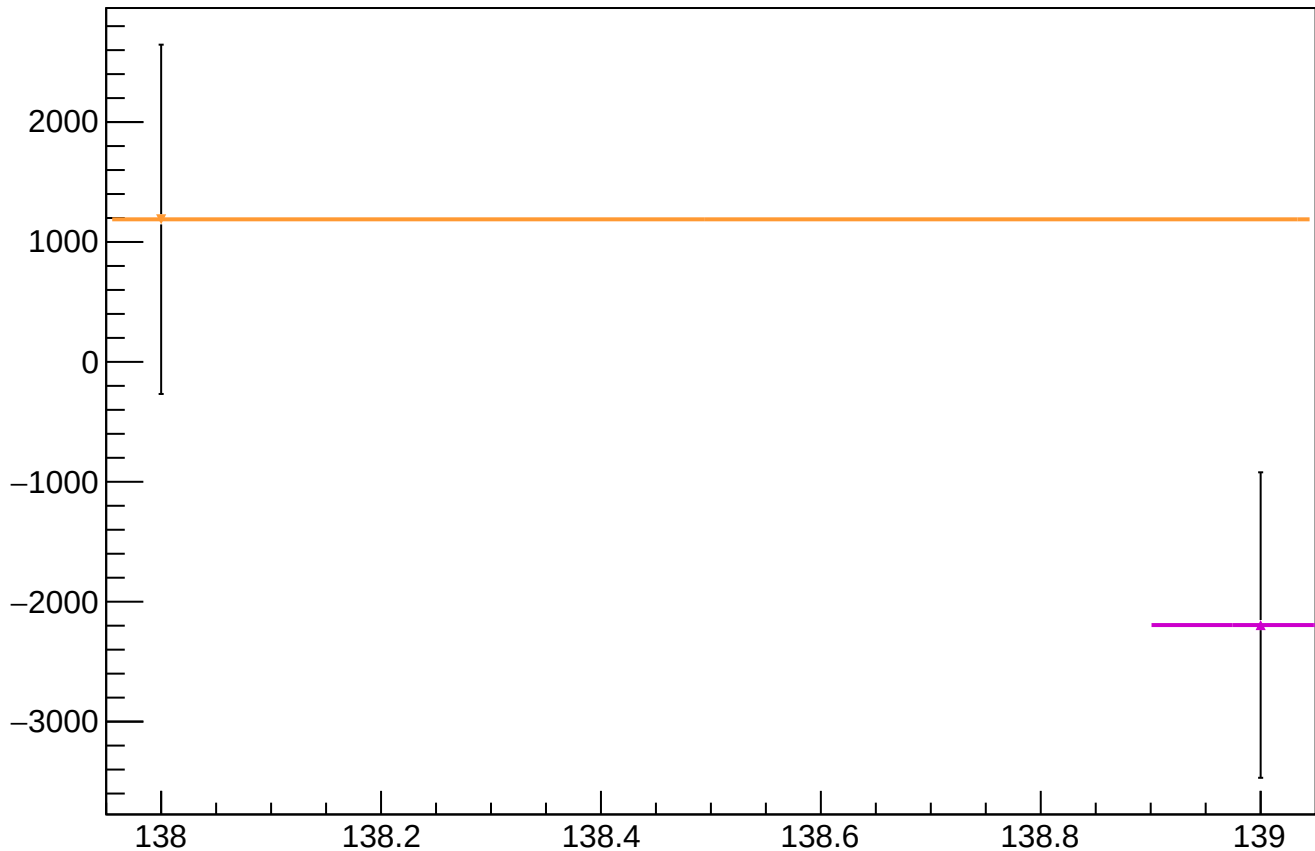
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 1146.199+/-0.911 χ^2 /NDF:0.0/0

Out: 1276.234+/-1.055 χ^2 /NDF:0.0/0

All: 1201.753+/-0.690 χ^2 /NDF: 8697.1/1

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: -2194.817+/-1273.871 χ^2/NDF : 0.0/0

Left: -728.359+/-958.894 χ^2/NDF : 3.1/1

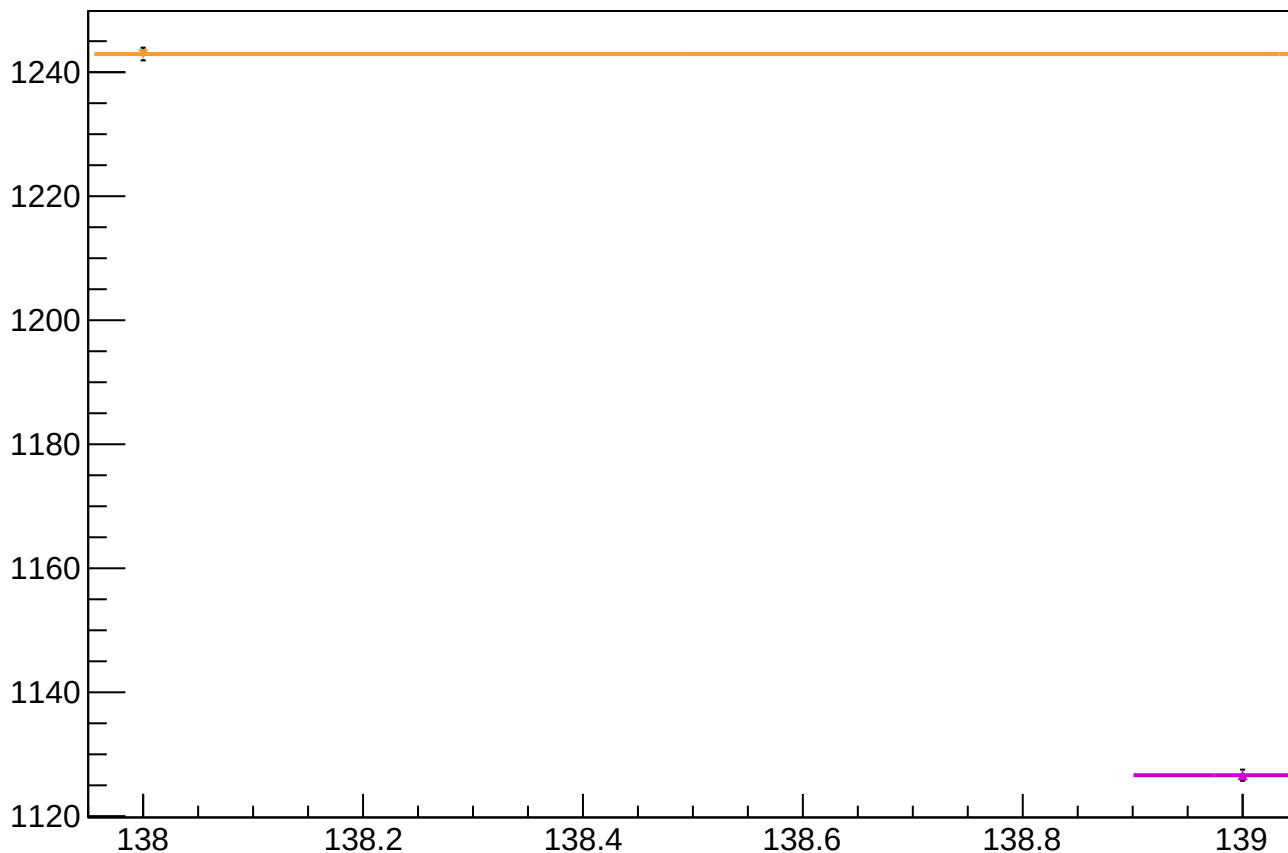
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2194.817+/-1273.871 χ^2/NDF : 0.0/0

Out: 1188.936+/-1456.583 χ^2/NDF : 0.0/0

All: -728.359+/-958.894 χ^2/NDF : 3.1/1

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: 1126.632+/-0.901 χ^2/NDF : 0.0/0

Left: 1177.031+/-0.678 χ^2/NDF : 7223.4/1

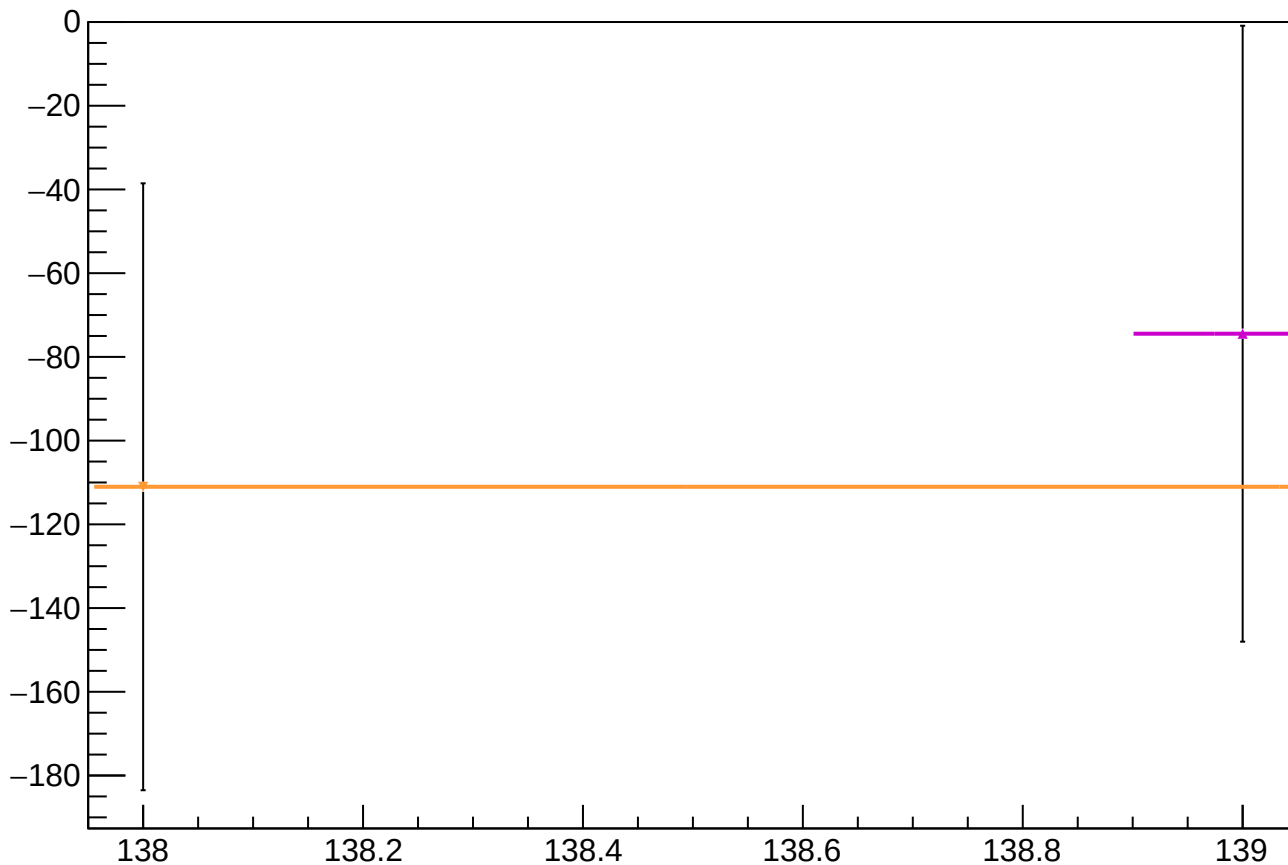
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1126.632+/-0.901 χ^2/NDF : 0.0/0

Out: 1242.923+/-1.030 χ^2/NDF : 0.0/0

All: 1177.031+/-0.678 χ^2/NDF : 7223.4/1

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -111.027 $\pm$ 72.490 χ^2/NDF : 0.0/0

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

Left In: -74.460 $\pm$ 73.569 χ^2/NDF : 0.0/0

Left: -93.014 $\pm$ 51.636 χ^2/NDF : 0.1/1

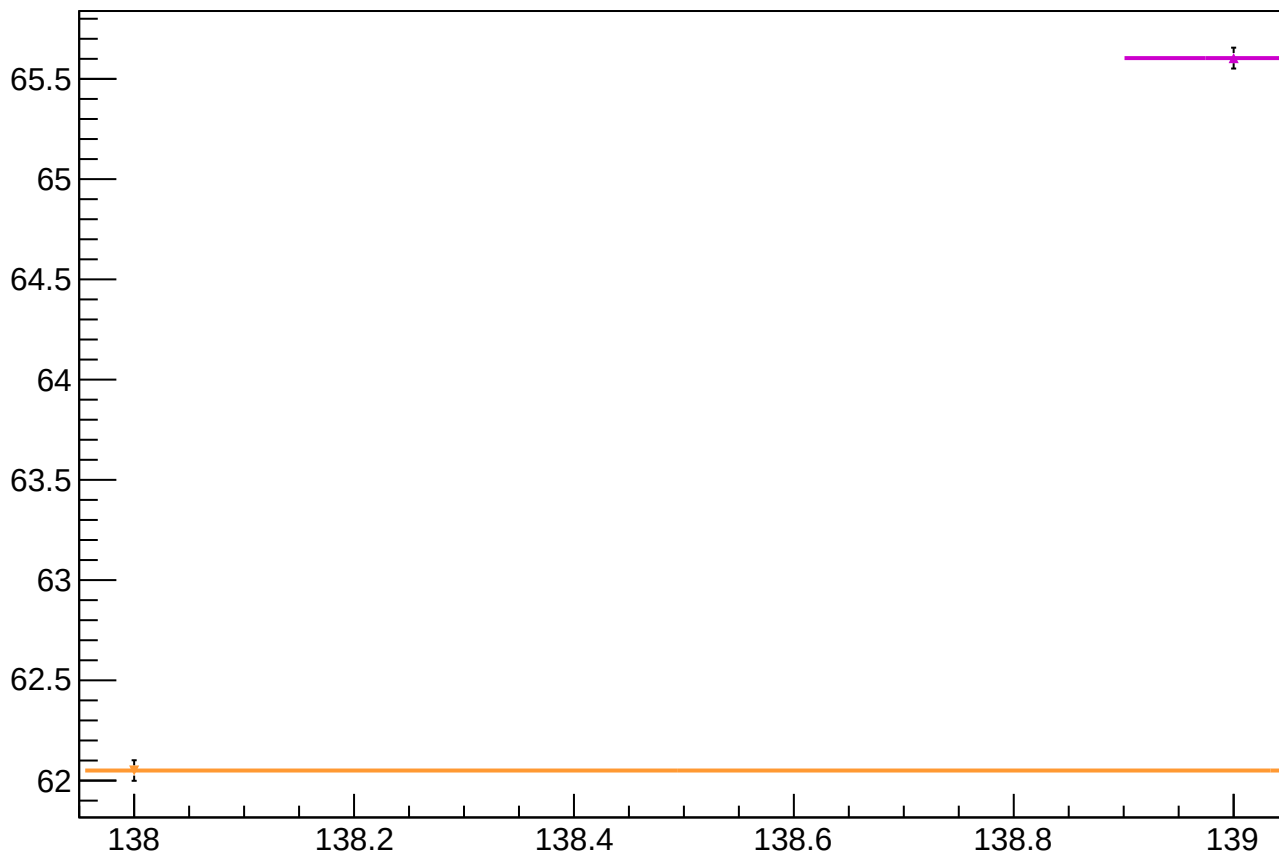
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -74.460 $\pm$ 73.569 χ^2/NDF : 0.0/0

Out: -111.027 $\pm$ 72.490 χ^2/NDF : 0.0/0

All: -93.014 $\pm$ 51.636 χ^2/NDF : 0.1/1

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 62.050+/-0.051 χ^2 /NDF: 0.0/0

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

Left In: 65.604+/-0.052 χ^2 /NDF: 0.0/0

Left: 63.801+/-0.037 χ^2 /NDF: 2367.5/1

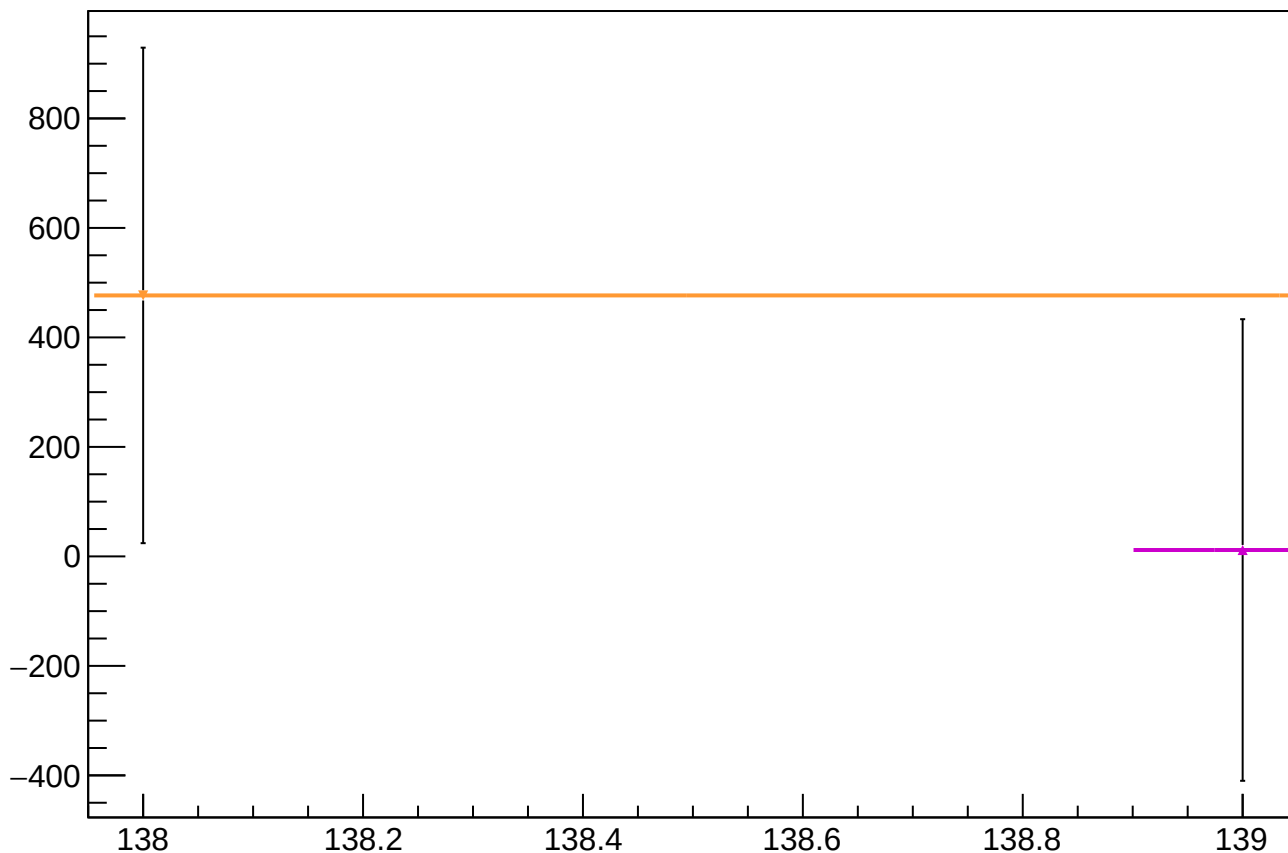
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 65.604+/-0.052 χ^2 /NDF: 0.0/0

Out: 62.050+/-0.051 χ^2 /NDF: 0.0/0

All: 63.801+/-0.037 χ^2 /NDF: 2367.5/1

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: 11.679+/-421.588 χ^2/NDF : 0.0/0

Left: 227.740+/-308.473 χ^2/NDF : 0.6/1

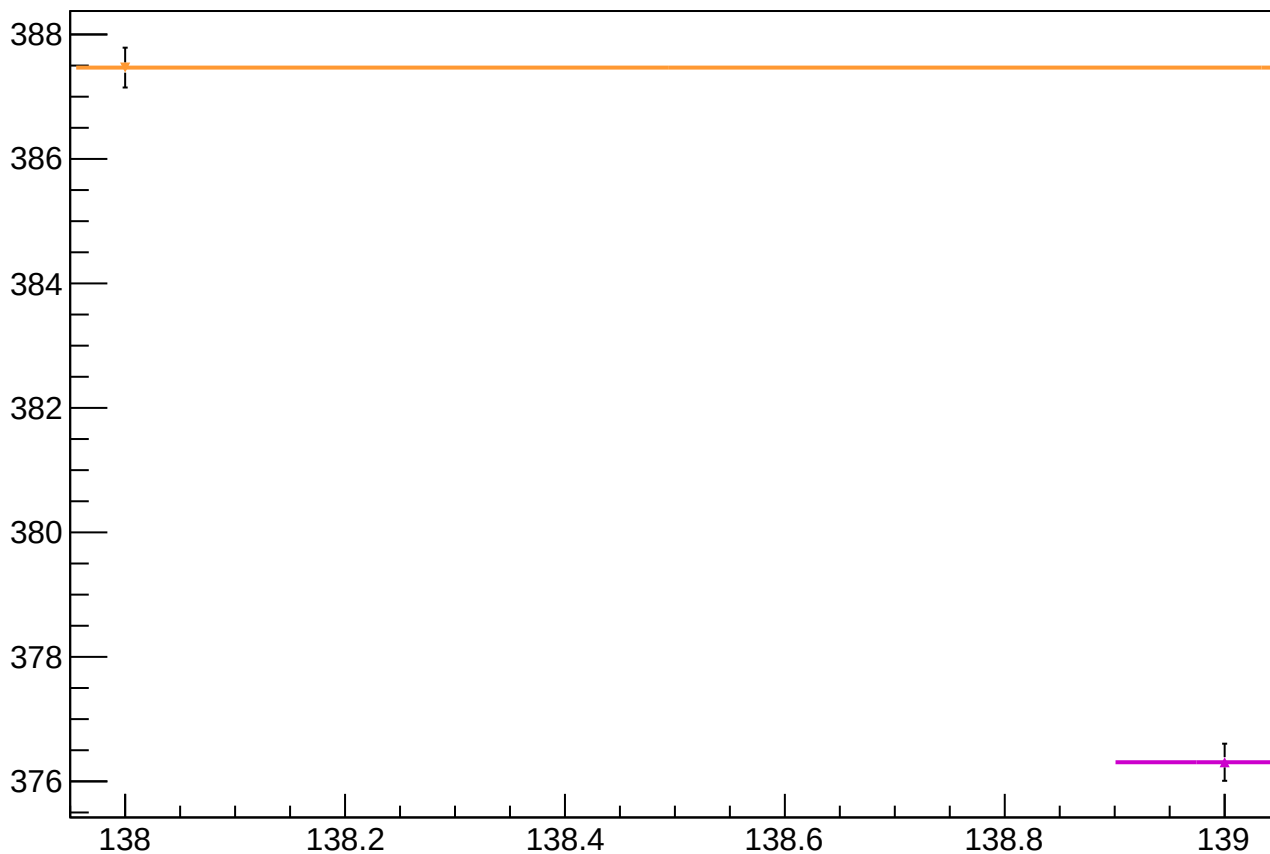
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.679+/-421.588 χ^2/NDF : 0.0/0

Out: 476.700+/-452.548 χ^2/NDF : 0.0/0

All: 227.740+/-308.473 χ^2/NDF : 0.6/1

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 387.468 $\pm$ 0.320 χ^2/NDF : 0.0/0

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

Left In: 376.307 $\pm$ 0.298 χ^2/NDF : 0.0/0

Left: 381.493 $\pm$ 0.218 χ^2/NDF : 651.2/1

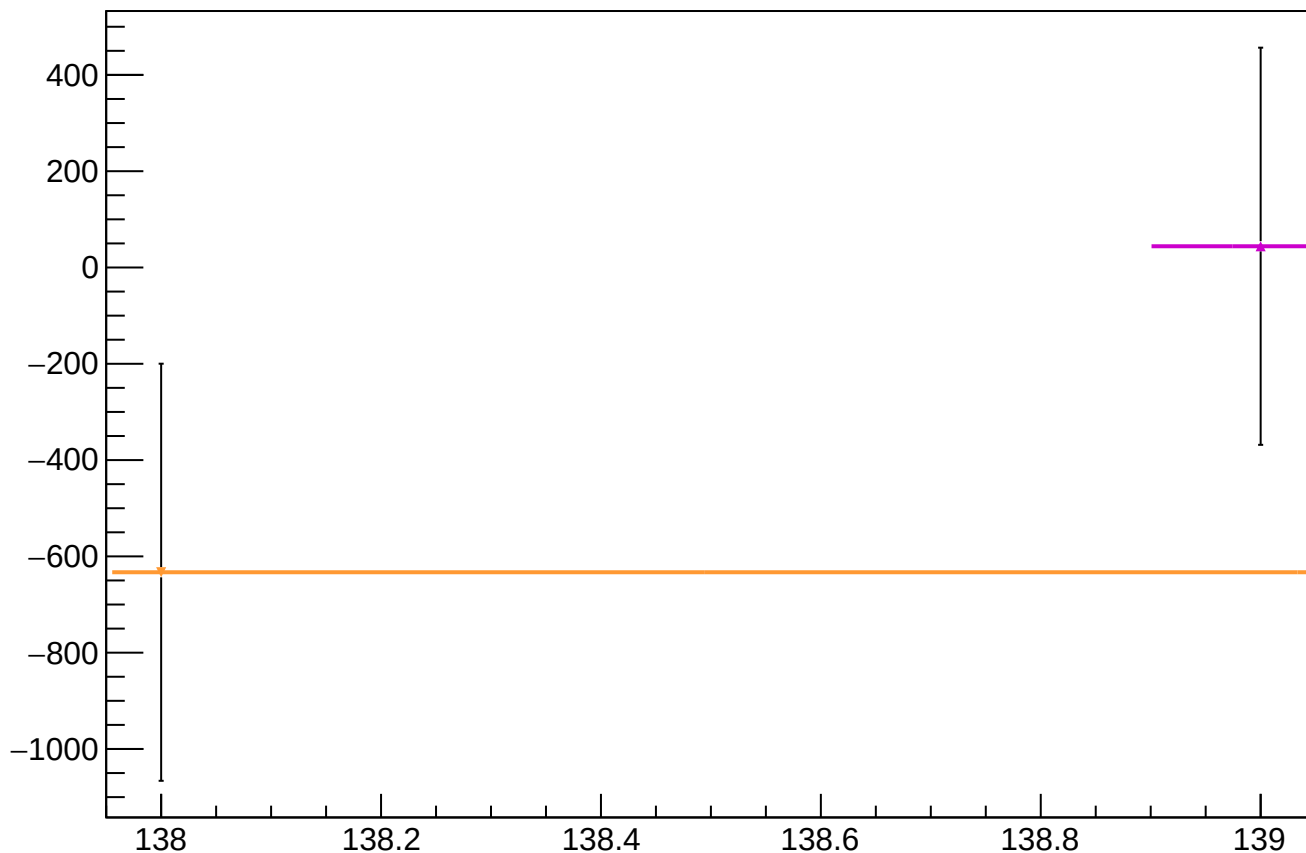
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 376.307 $\pm$ 0.298 χ^2/NDF : 0.0/0

Out: 387.468 $\pm$ 0.320 χ^2/NDF : 0.0/0

All: 381.493 $\pm$ 0.218 χ^2/NDF : 651.2/1

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: 44.107+/-412.451 χ^2/NDF : 0.0/0

Left: -277.867+/-298.694 χ^2/NDF : 1.3/1

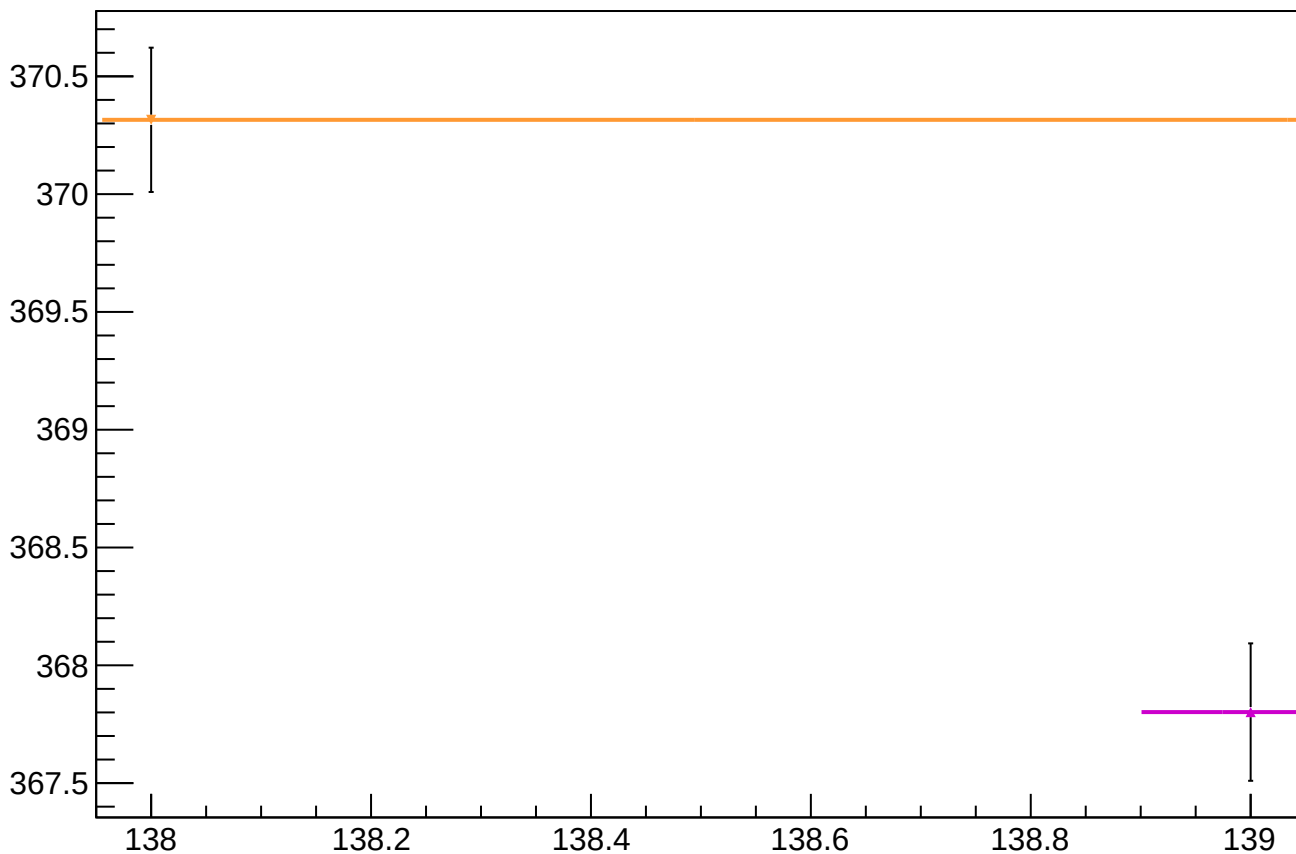
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 44.107+/-412.451 χ^2/NDF : 0.0/0

Out: -632.956+/-433.142 χ^2/NDF : 0.0/0

All: -277.867+/-298.694 χ^2/NDF : 1.3/1

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: 367.801+/-0.292 χ^2/NDF : 0.0/0

Left: 368.997+/-0.211 χ^2/NDF : 35.3/1

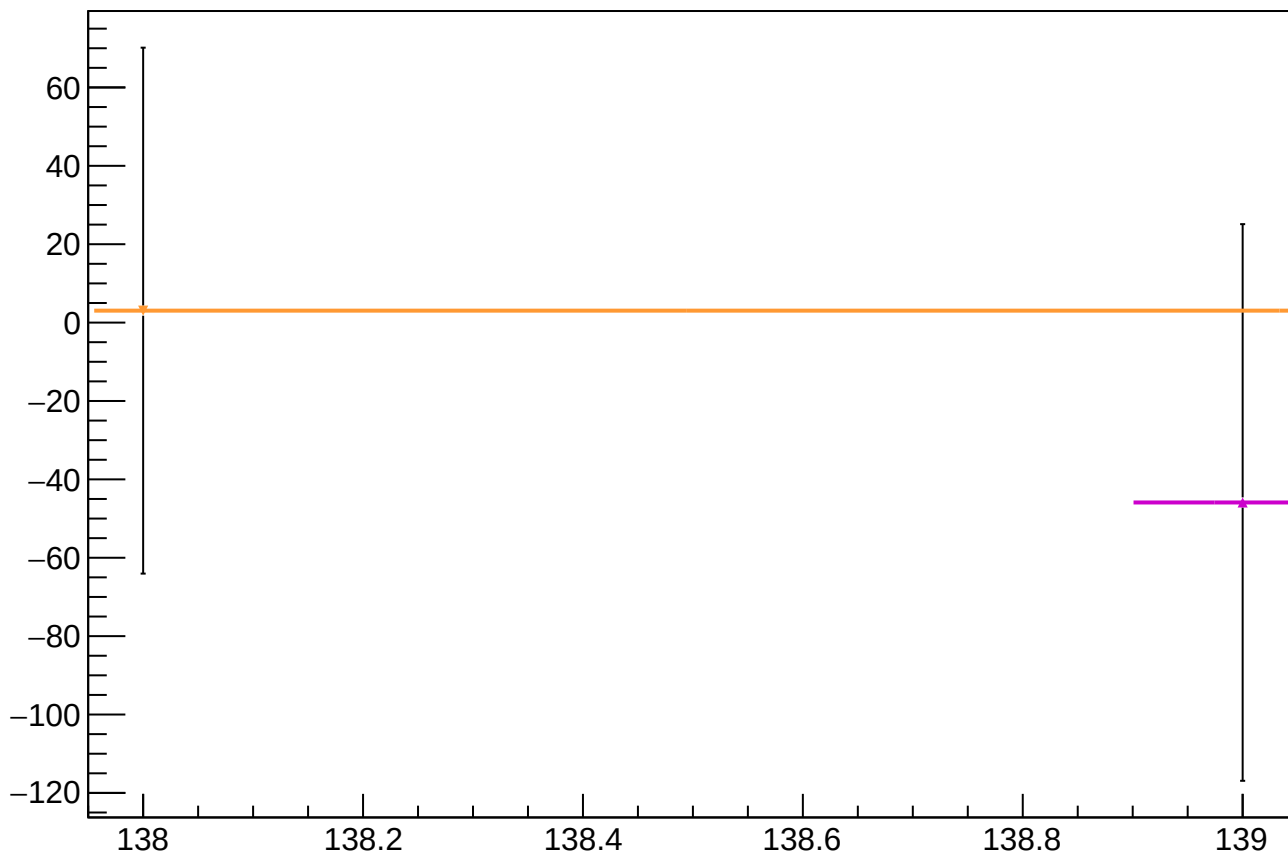
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.801+/-0.292 χ^2/NDF : 0.0/0

Out: 370.315+/-0.306 χ^2/NDF : 0.0/0

All: 368.997+/-0.211 χ^2/NDF : 35.3/1

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 3.051+/-67.096 χ^2/NDF : 0.0/0

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

Left In: -45.894+/-71.015 χ^2/NDF : 0.0/0

Left: -20.034+/-48.771 χ^2/NDF : 0.3/1

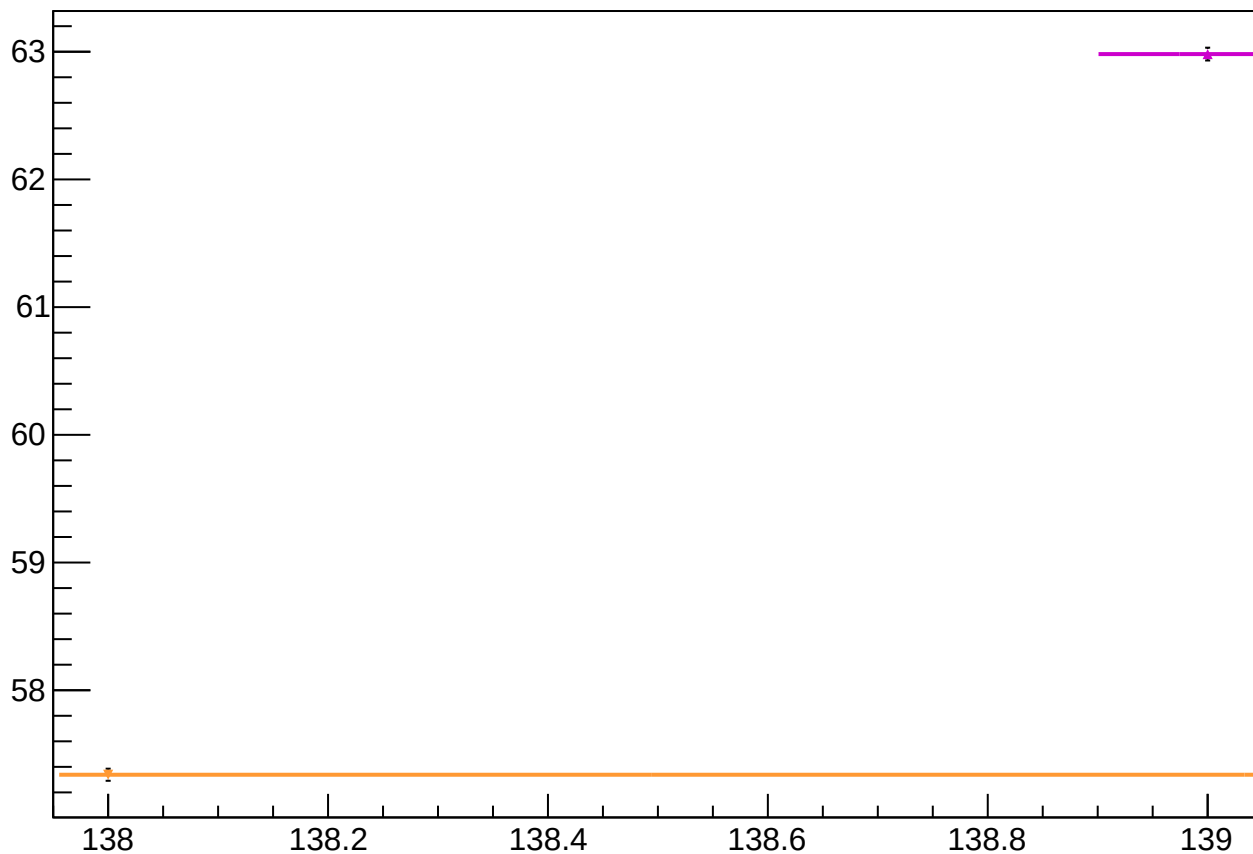
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.894+/-71.015 χ^2/NDF : 0.0/0

Out: 3.051+/-67.096 χ^2/NDF : 0.0/0

All: -20.034+/-48.771 χ^2/NDF : 0.3/1

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 57.338+/-0.047 χ^2/NDF : 0.0/0

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

Left In: 62.982+/-0.050 χ^2/NDF : 0.0/0

Left: 60.000+/-0.034 χ^2/NDF : 6672.8/1

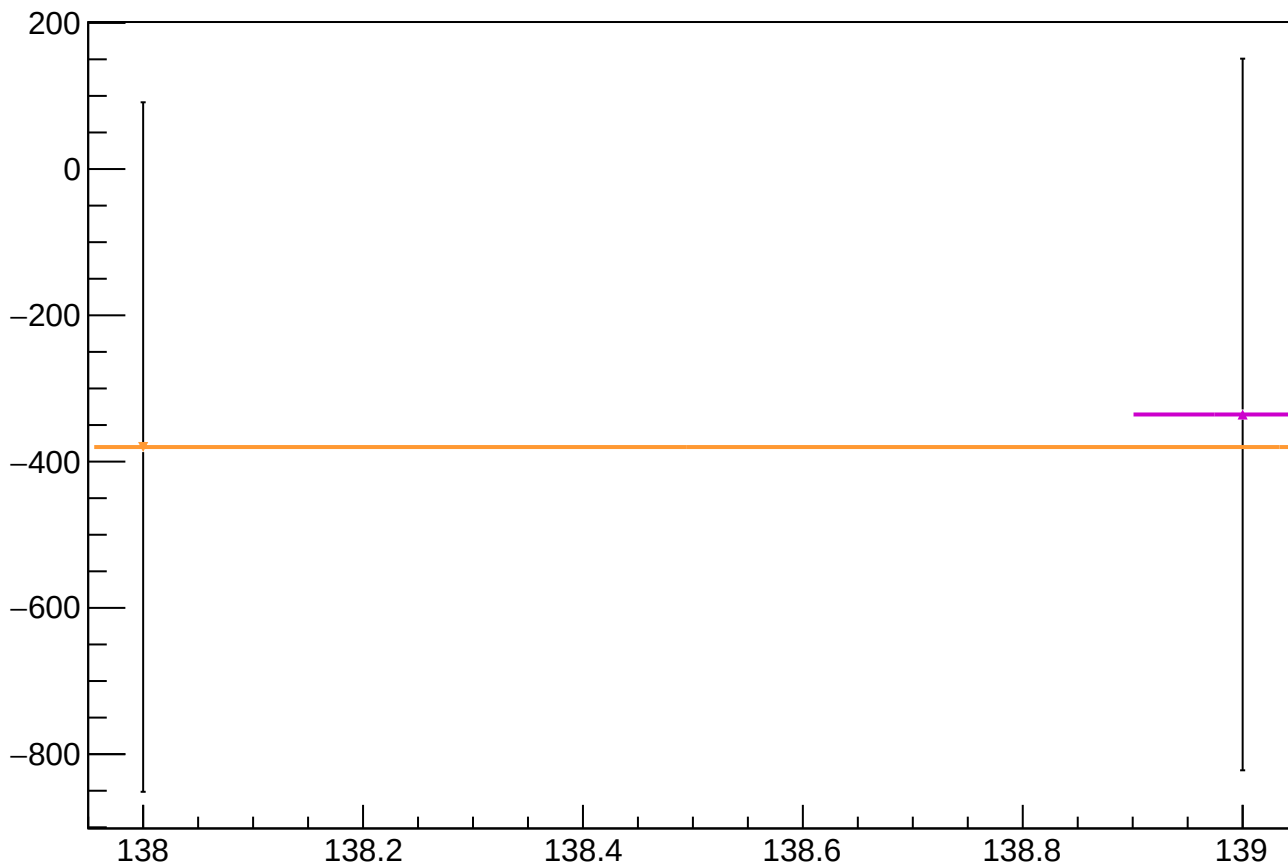
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 62.982+/-0.050 χ^2/NDF : 0.0/0

Out: 57.338+/-0.047 χ^2/NDF : 0.0/0

All: 60.000+/-0.034 χ^2/NDF : 6672.8/1

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: -335.578+/-486.477 χ^2/NDF : 0.0/0

Left: -358.540+/-338.517 χ^2/NDF : 0.0/1

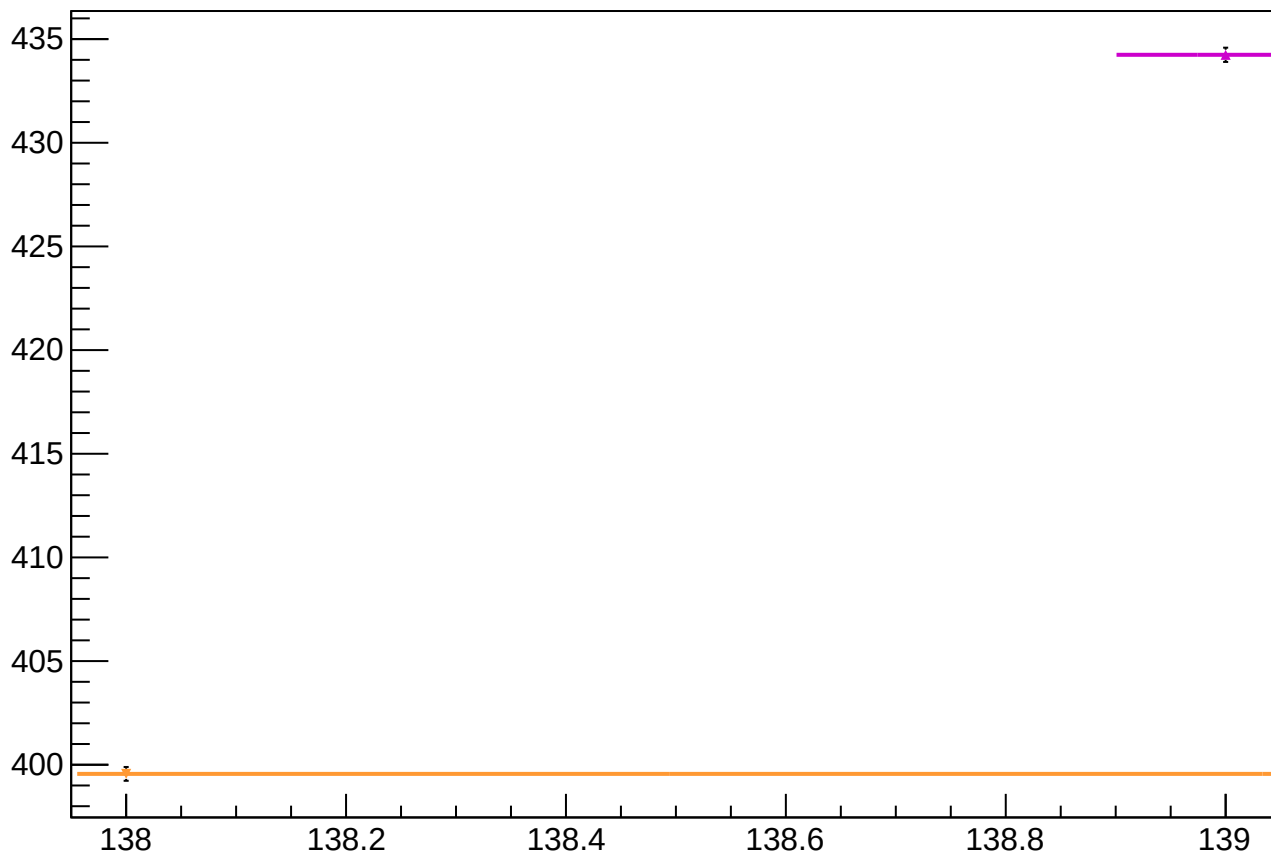
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -335.578+/-486.477 χ^2/NDF : 0.0/0

Out: -380.097+/-471.350 χ^2/NDF : 0.0/0

All: -358.540+/-338.517 χ^2/NDF : 0.0/1

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: 434.243+/-0.344 χ^2/NDF : 0.0/0

Left: 416.353+/-0.239 χ^2/NDF : 5243.6/1

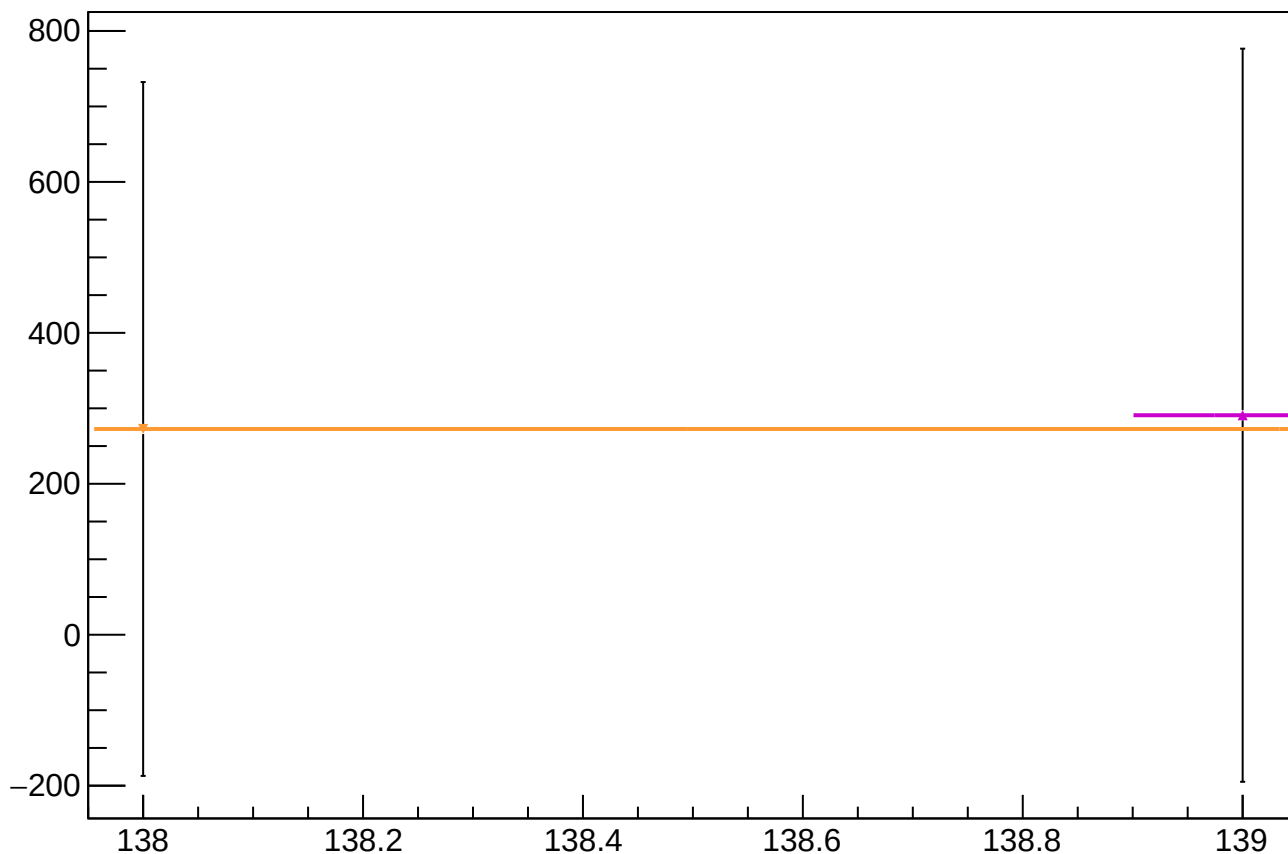
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 434.243+/-0.344 χ^2/NDF : 0.0/0

Out: 399.559+/-0.333 χ^2/NDF : 0.0/0

All: 416.353+/-0.239 χ^2/NDF : 5243.6/1

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: 290.848+/-485.700 χ^2/NDF : 0.0/0

Left: 281.240+/-333.871 χ^2/NDF : 0.0/1

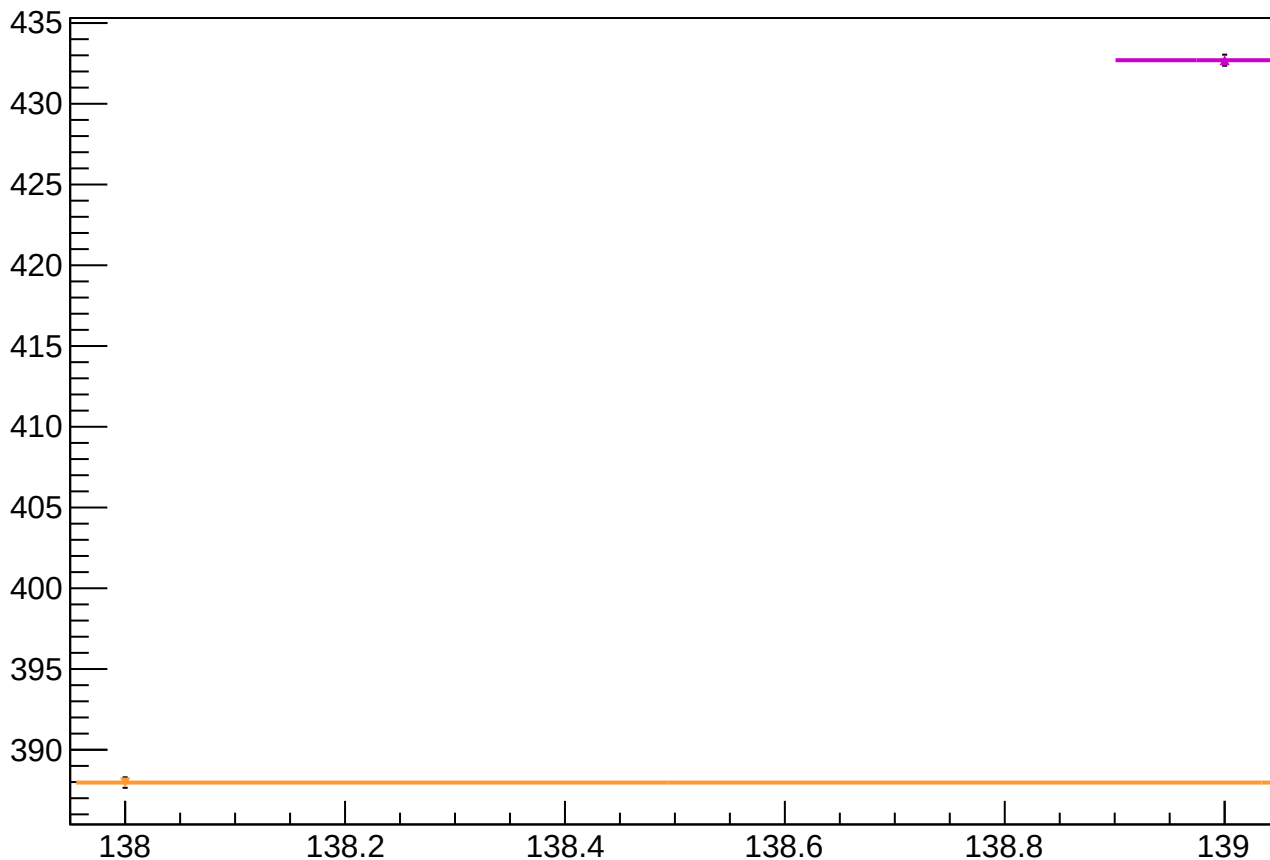
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 290.848+/-485.700 χ^2/NDF : 0.0/0

Out: 272.633+/-459.701 χ^2/NDF : 0.0/0

All: 281.240+/-333.871 χ^2/NDF : 0.0/1

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: 432.697+/-0.343 χ^2/NDF : 0.0/0

Left: 409.104+/-0.236 χ^2/NDF : 8946.2/1

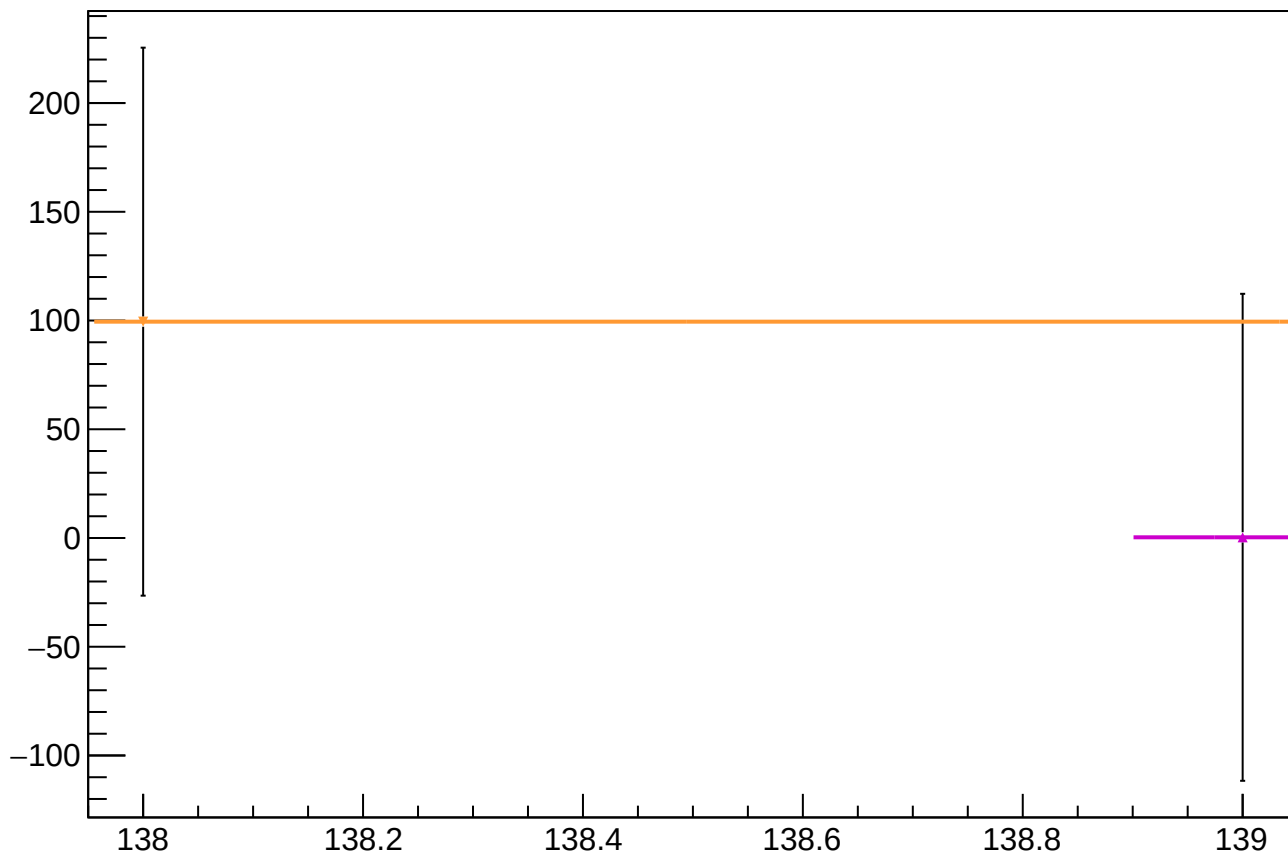
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 432.697+/-0.343 χ^2/NDF : 0.0/0

Out: 387.970+/-0.325 χ^2/NDF : 0.0/0

All: 409.104+/-0.236 χ^2/NDF : 8946.2/1

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: 0.319+/-111.963 χ^2/NDF : 0.0/0

Left: 44.073+/-83.691 χ^2/NDF : 0.3/1

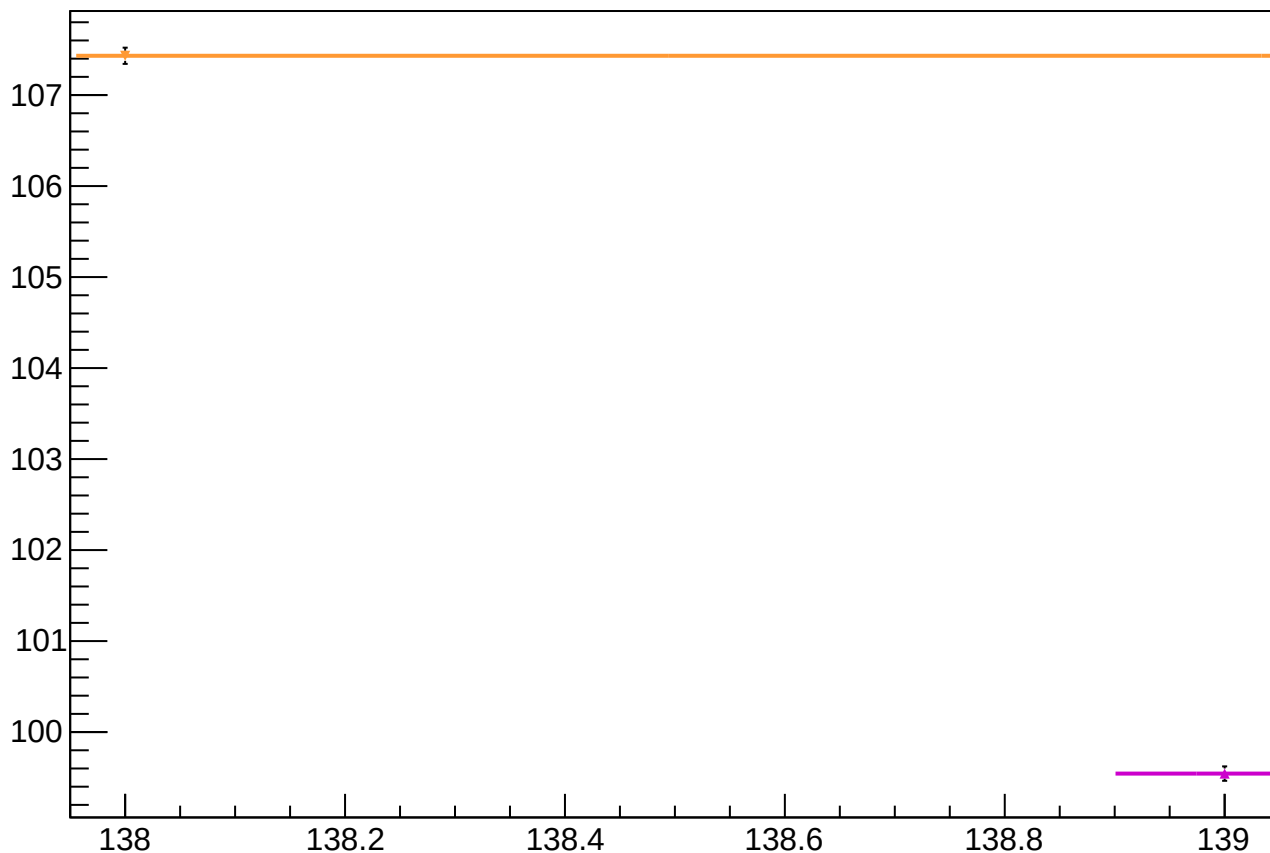
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.319+/-111.963 χ^2/NDF : 0.0/0

Out: 99.476+/-125.989 χ^2/NDF : 0.0/0

All: 44.073+/-83.691 χ^2/NDF : 0.3/1

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 107.432 $\pm$ 0.089 χ^2 /NDF:0.0/0

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

Left In: 99.544 $\pm$ 0.079 χ^2 /NDF:0.0/0

Left: 103.024 $\pm$ 0.059 χ^2 /NDF: 4380.1/1

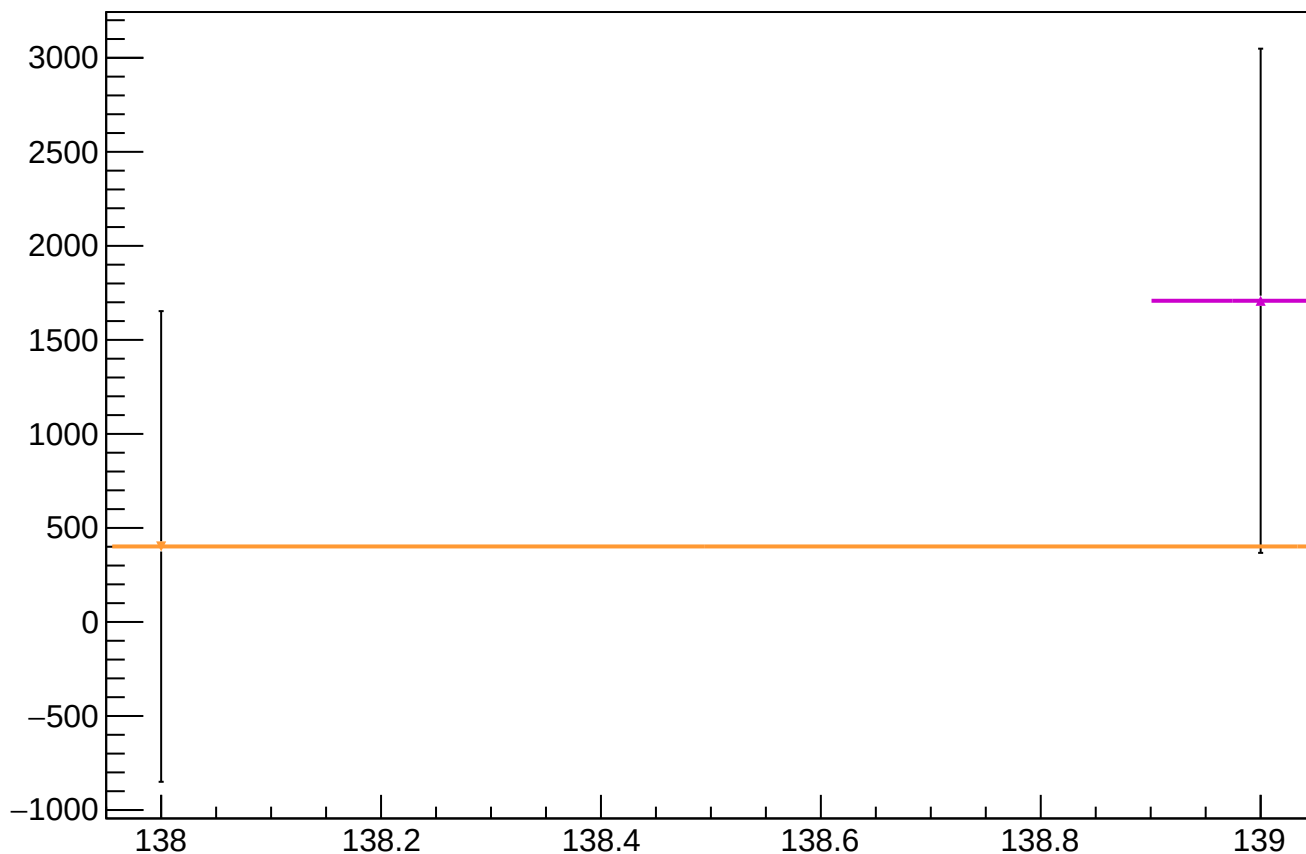
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 99.544 $\pm$ 0.079 χ^2 /NDF:0.0/0

Out: 107.432 $\pm$ 0.089 χ^2 /NDF:0.0/0

All: 103.024 $\pm$ 0.059 χ^2 /NDF: 4380.1/1

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: 1708.055+/-1340.584 χ^2/NDF : 0.0/0

Left: 1009.927+/-914.810 χ^2/NDF : 0.5/1

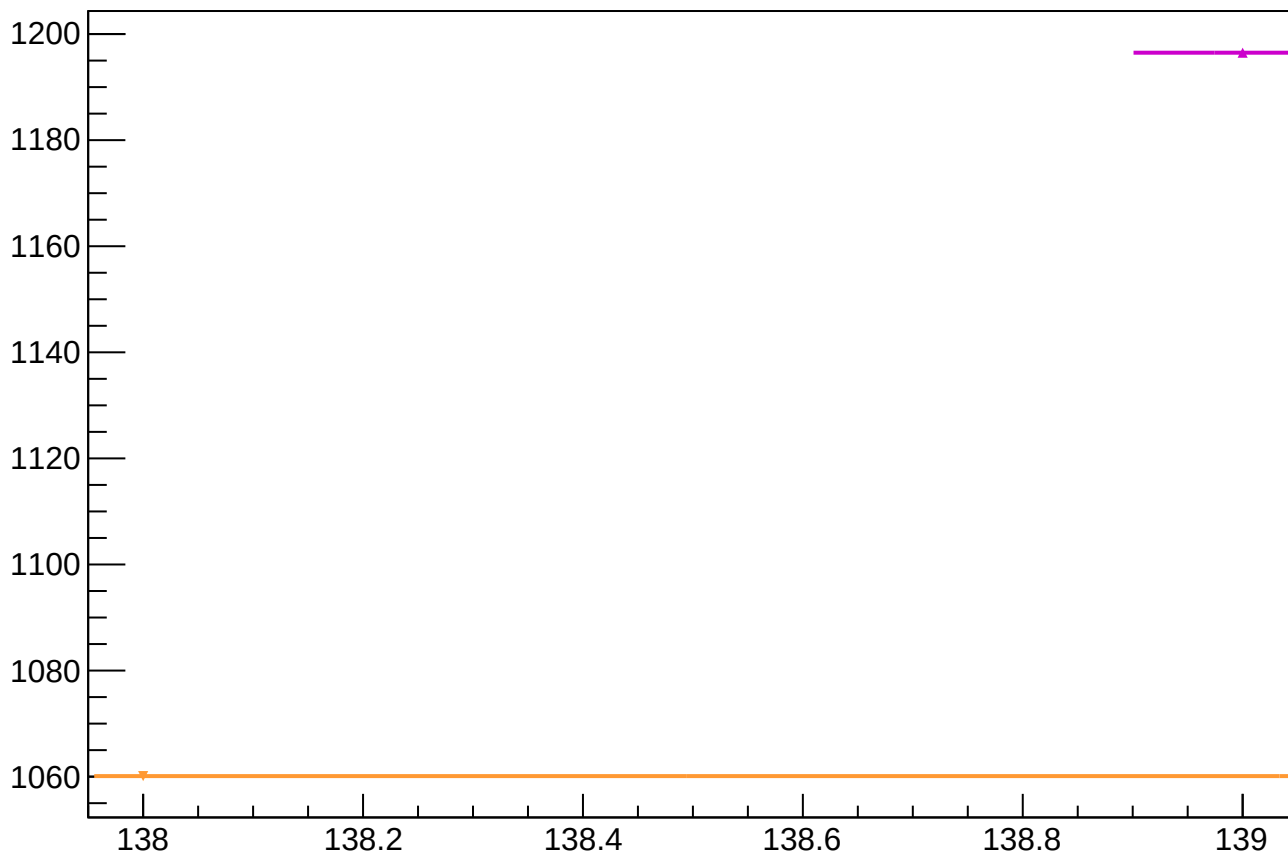
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1708.055+/-1340.584 χ^2/NDF : 0.0/0

Out: 401.519+/-1251.480 χ^2/NDF : 0.0/0

All: 1009.927+/-914.810 χ^2/NDF : 0.5/1

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: 1196.487+/-0.948 χ^2/NDF : 0.0/0

Left: 1123.612+/-0.647 χ^2/NDF : 11060.6/1

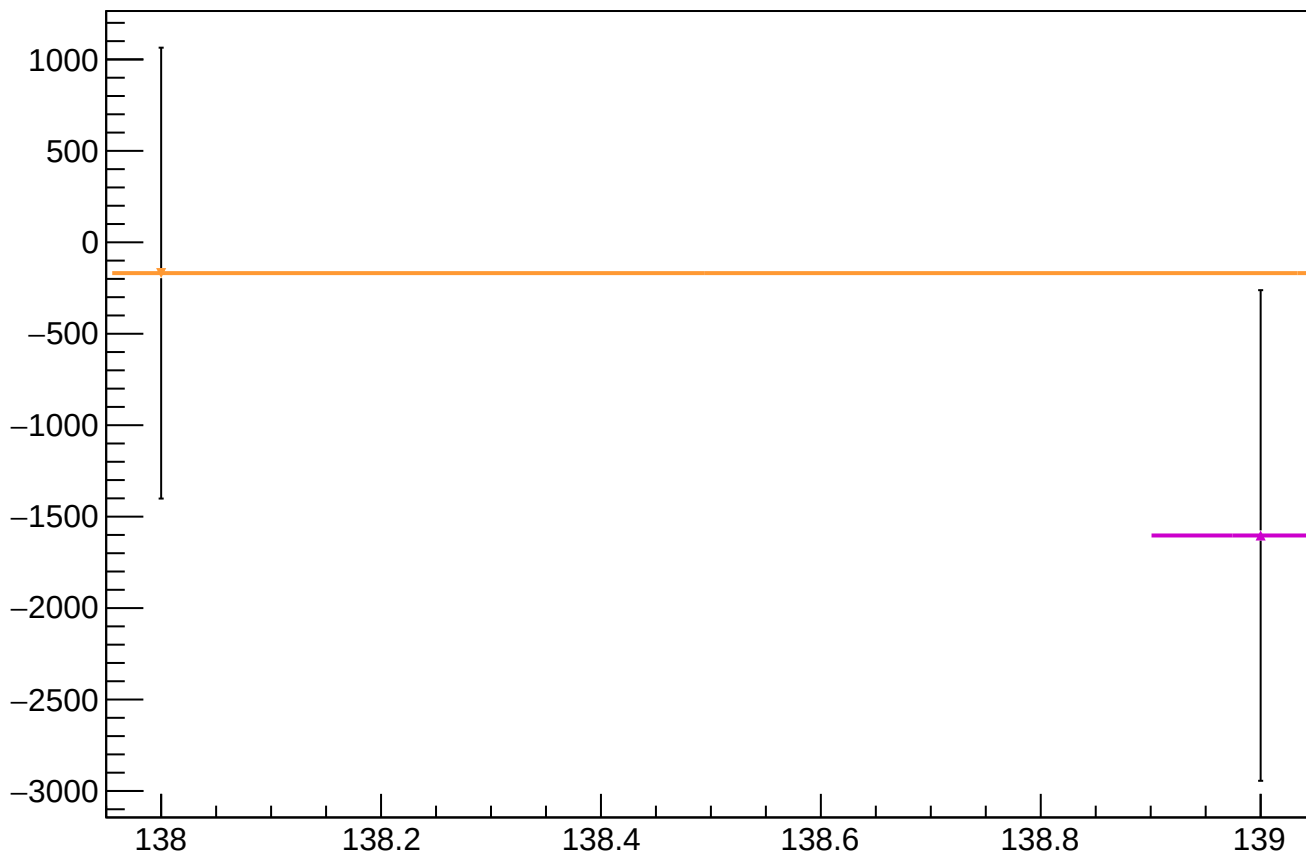
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1196.487+/-0.948 χ^2/NDF : 0.0/0

Out: 1060.103+/-0.885 χ^2/NDF : 0.0/0

All: 1123.612+/-0.647 χ^2/NDF : 11060.6/1

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: -168.416+/-1232.699 χ^2/NDF : 0.0/0

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

Left In: -1603.008+/-1341.352 χ^2/NDF : 0.0/0

Left: -825.264+/-907.635 χ^2/NDF : 0.6/1

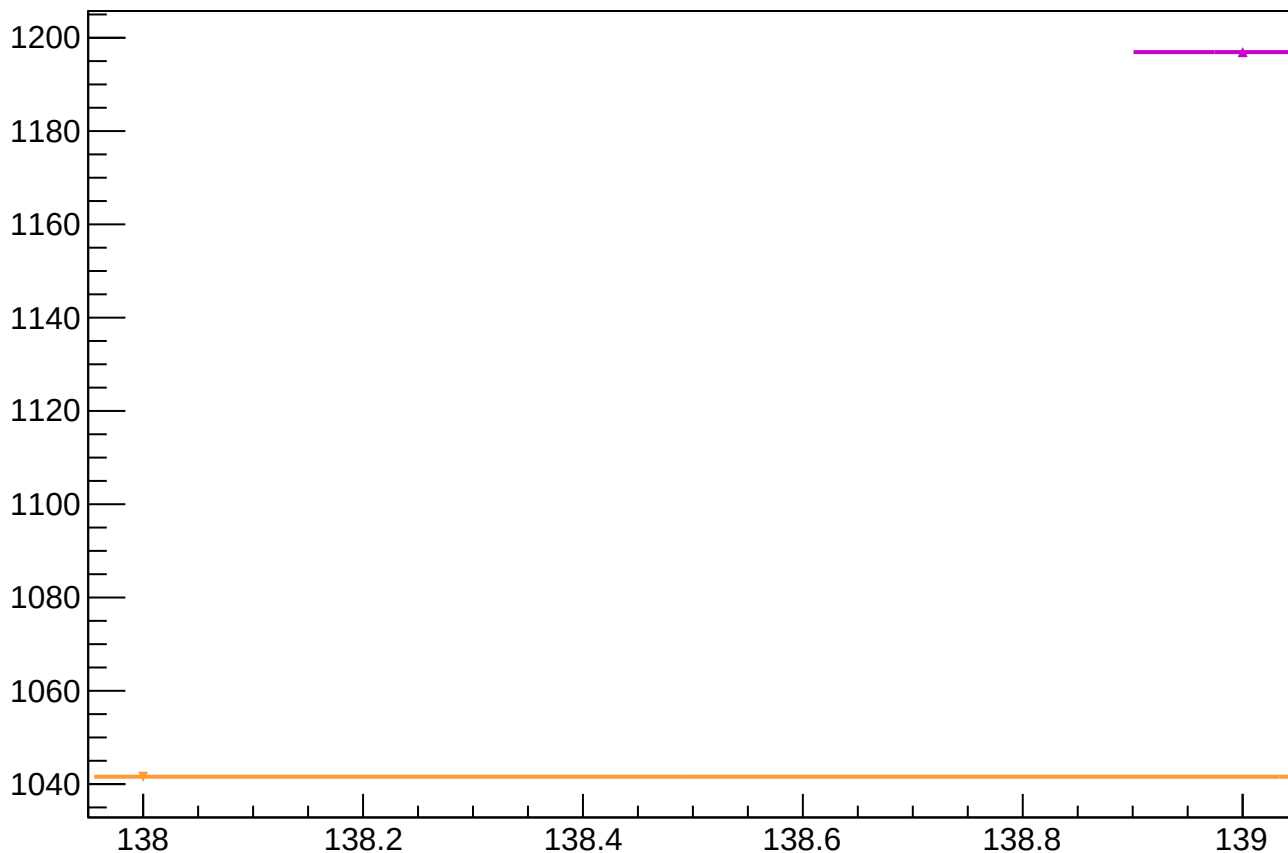
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1603.008+/-1341.352 χ^2/NDF : 0.0/0

Out: -168.416+/-1232.699 χ^2/NDF : 0.0/0

All: -825.264+/-907.635 χ^2/NDF : 0.6/1

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: 1196.932+/-0.948 χ^2/NDF : 0.0/0

Left: 1112.710+/-0.642 χ^2/NDF : 14544.2/1

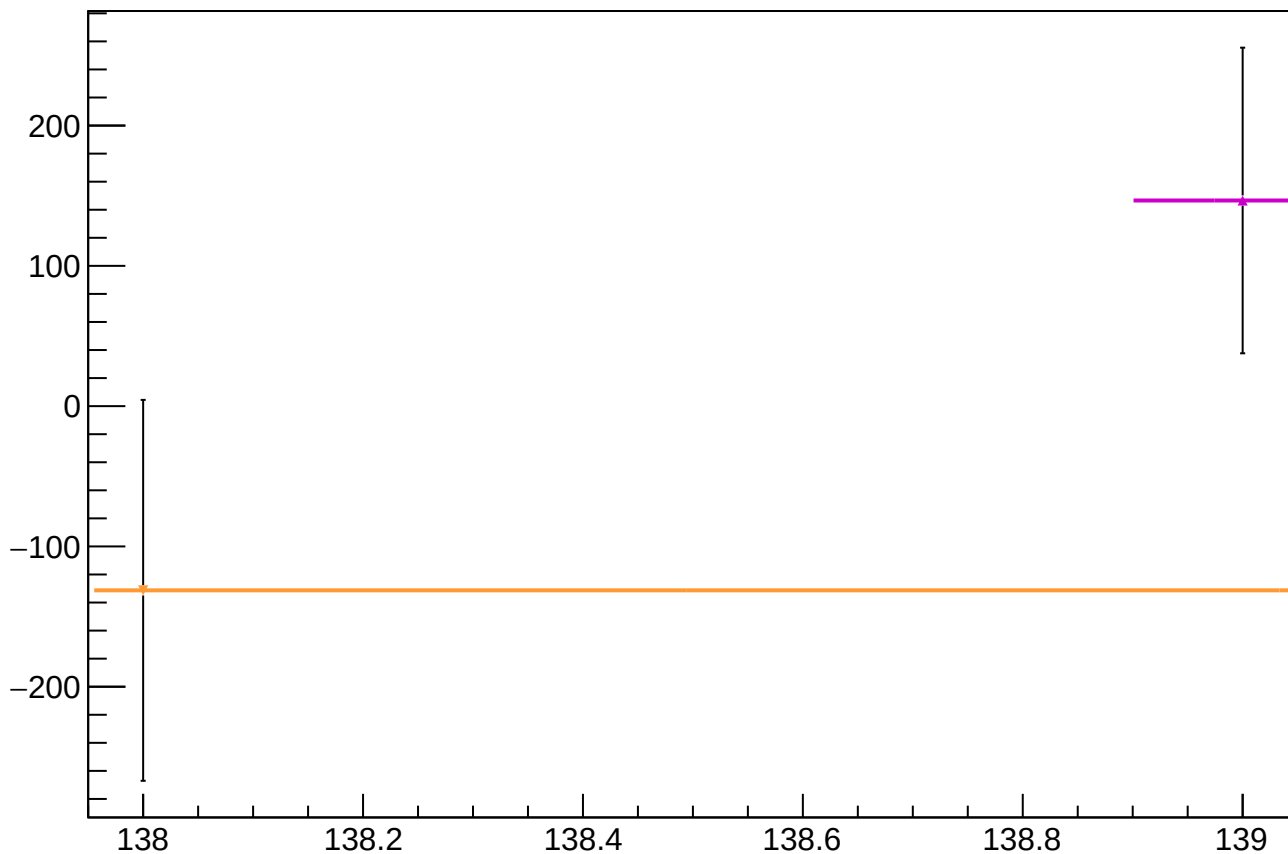
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1196.932+/-0.948 χ^2/NDF : 0.0/0

Out: 1041.580+/-0.872 χ^2/NDF : 0.0/0

All: 1112.710+/-0.642 χ^2/NDF : 14544.2/1

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -131.308 $\pm$ 135.756 χ^2 /NDF:0.0/0

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

Left In: 146.595 $\pm$ 108.932 χ^2 /NDF:0.0/0

Left: 37.747 $\pm$ 84.962 χ^2 /NDF: 2.5/1

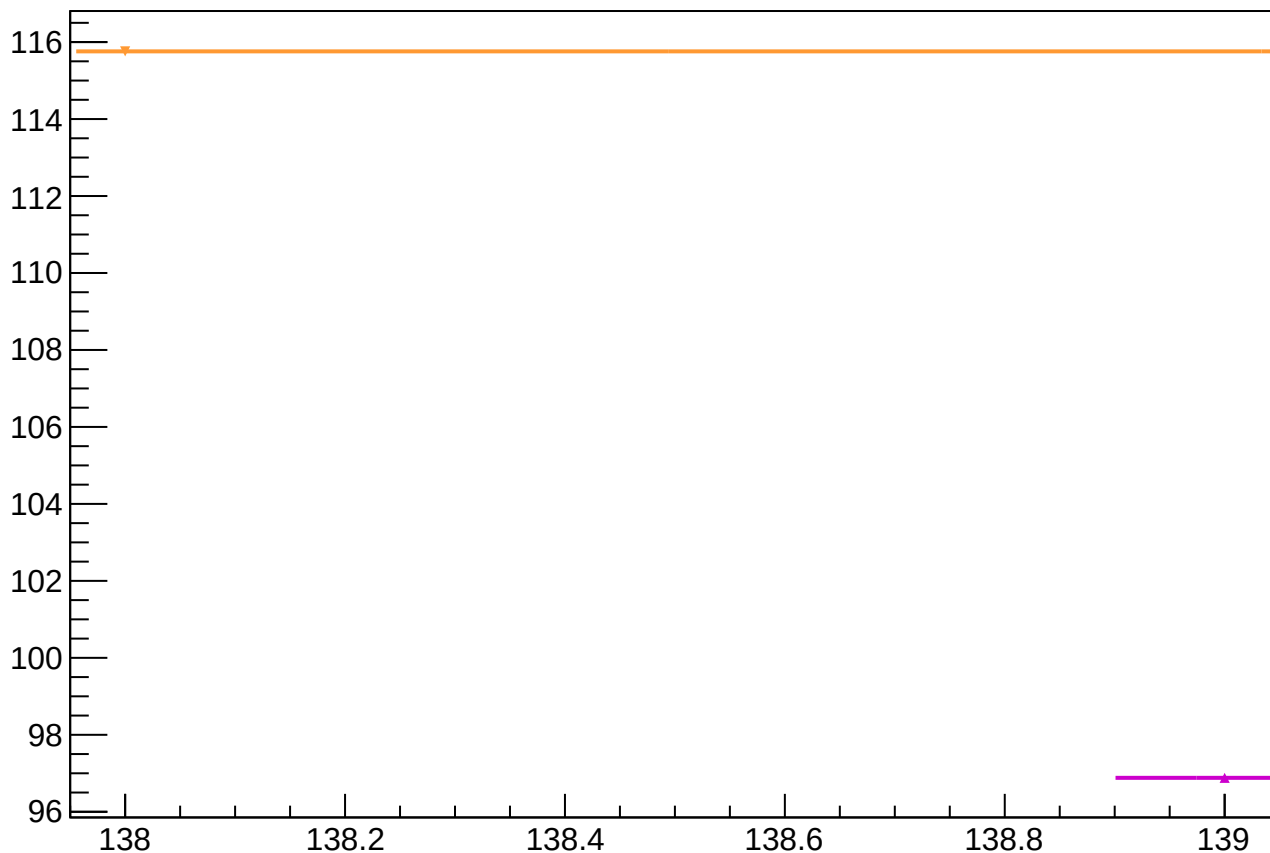
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 146.595 $\pm$ 108.932 χ^2 /NDF:0.0/0

Out: -131.308 $\pm$ 135.756 χ^2 /NDF:0.0/0

All: 37.747 $\pm$ 84.962 χ^2 /NDF: 2.5/1

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: 96.882+/-0.077 χ^2 /NDF:0.0/0

Left: 104.276+/-0.060 χ^2 /NDF: 23523.3/1

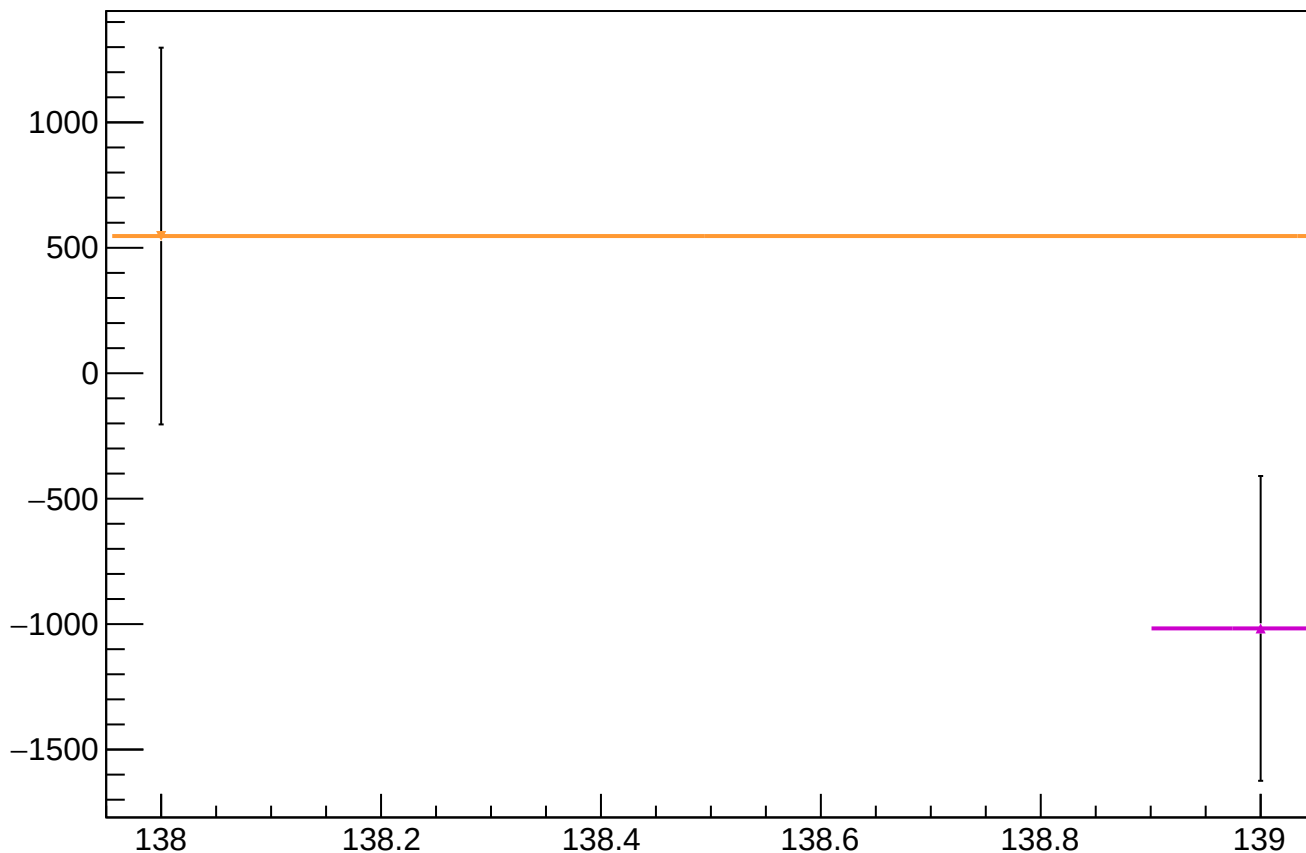
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 96.882+/-0.077 χ^2 /NDF:0.0/0

Out: 115.759+/-0.096 χ^2 /NDF:0.0/0

All: 104.276+/-0.060 χ^2 /NDF: 23523.3/1

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: -1017.151+/-607.475 χ^2/NDF : 0.0/0

Left: -398.462+/-472.283 χ^2/NDF : 2.6/1

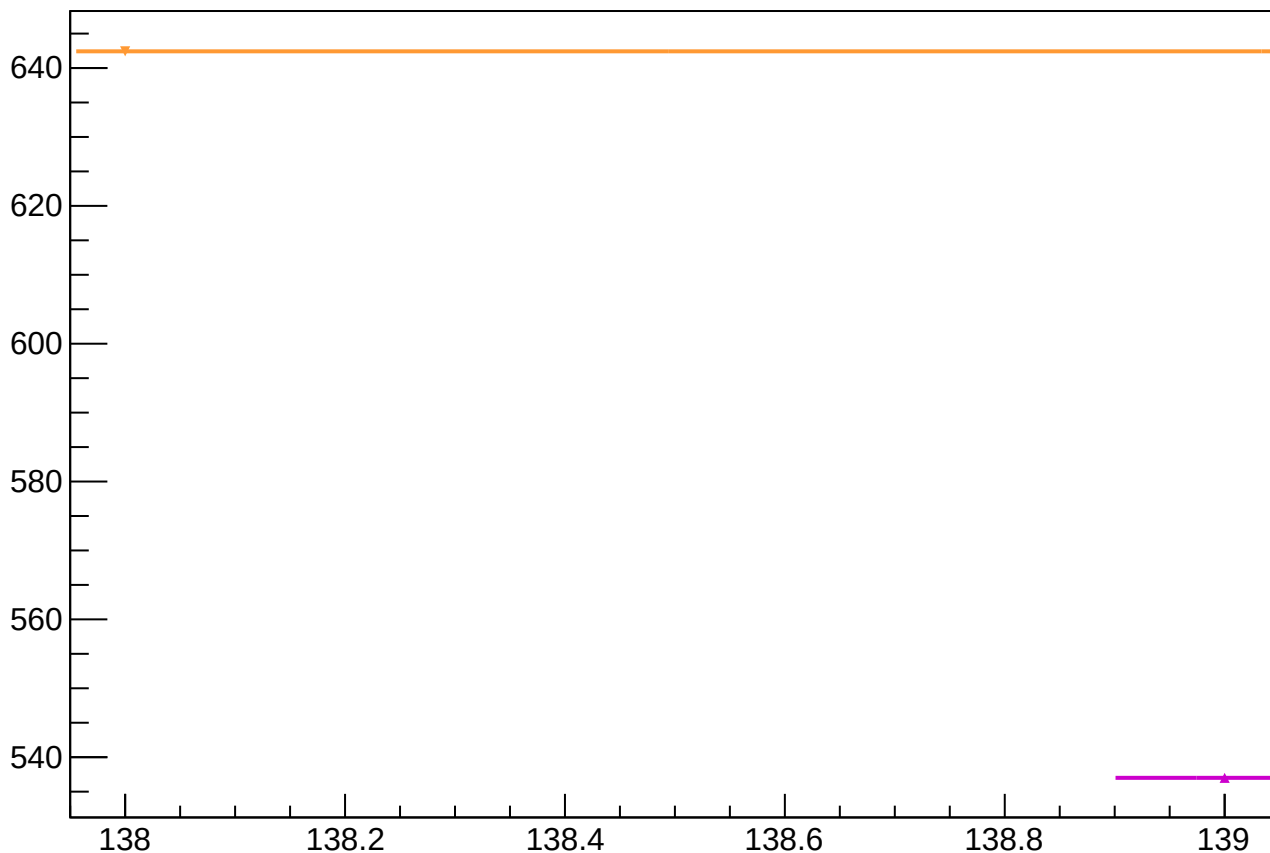
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1017.151+/-607.475 χ^2/NDF : 0.0/0

Out: 546.906+/-750.918 χ^2/NDF : 0.0/0

All: -398.462+/-472.283 χ^2/NDF : 2.6/1

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: 537.004+/-0.430 χ^2/NDF : 0.0/0

Left: 578.706+/-0.334 χ^2/NDF : 23825.8/1

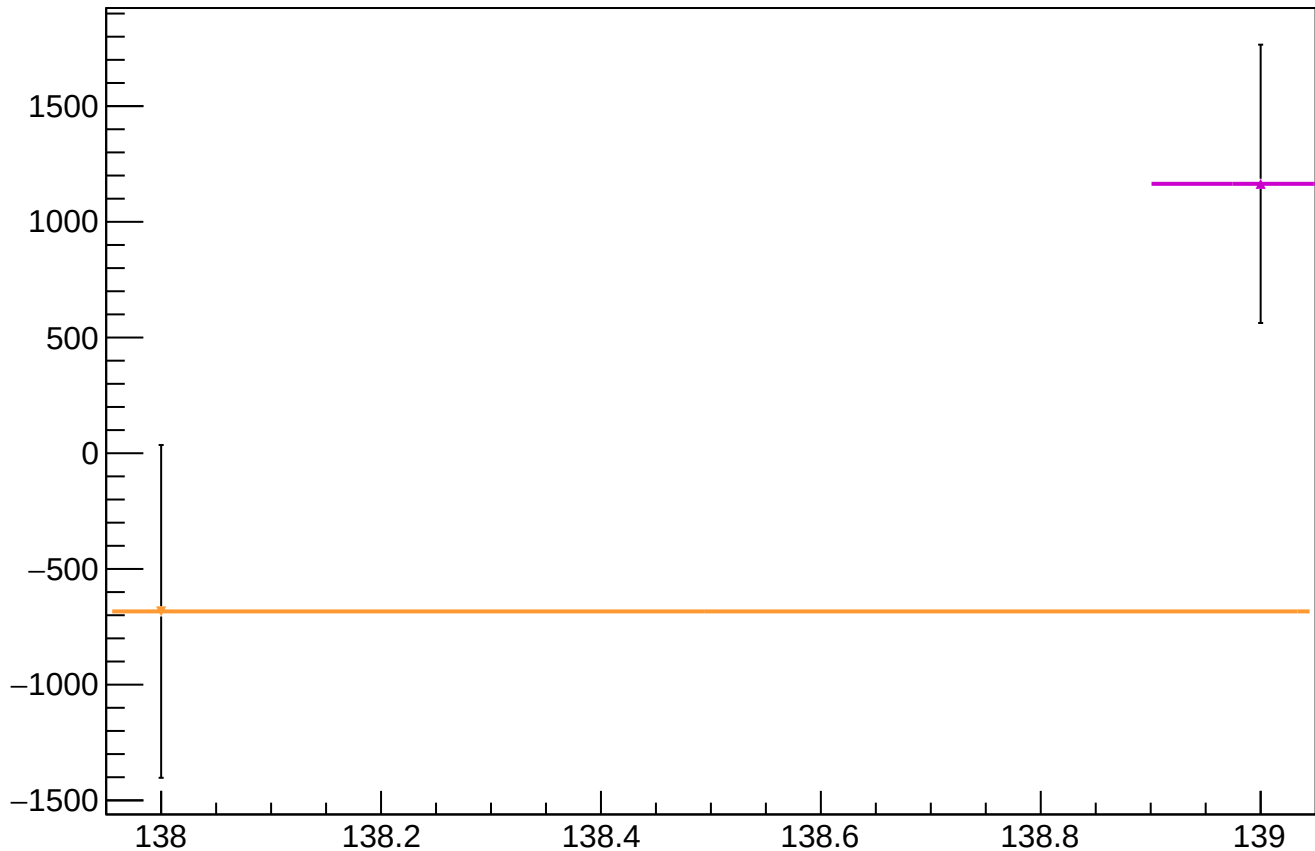
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 537.004+/-0.430 χ^2/NDF : 0.0/0

Out: 642.426+/-0.531 χ^2/NDF : 0.0/0

All: 578.706+/-0.334 χ^2/NDF : 23825.8/1

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: 1164.228+/-601.314 χ^2/NDF : 0.0/0

Left: 403.801+/-461.270 χ^2/NDF : 3.9/1

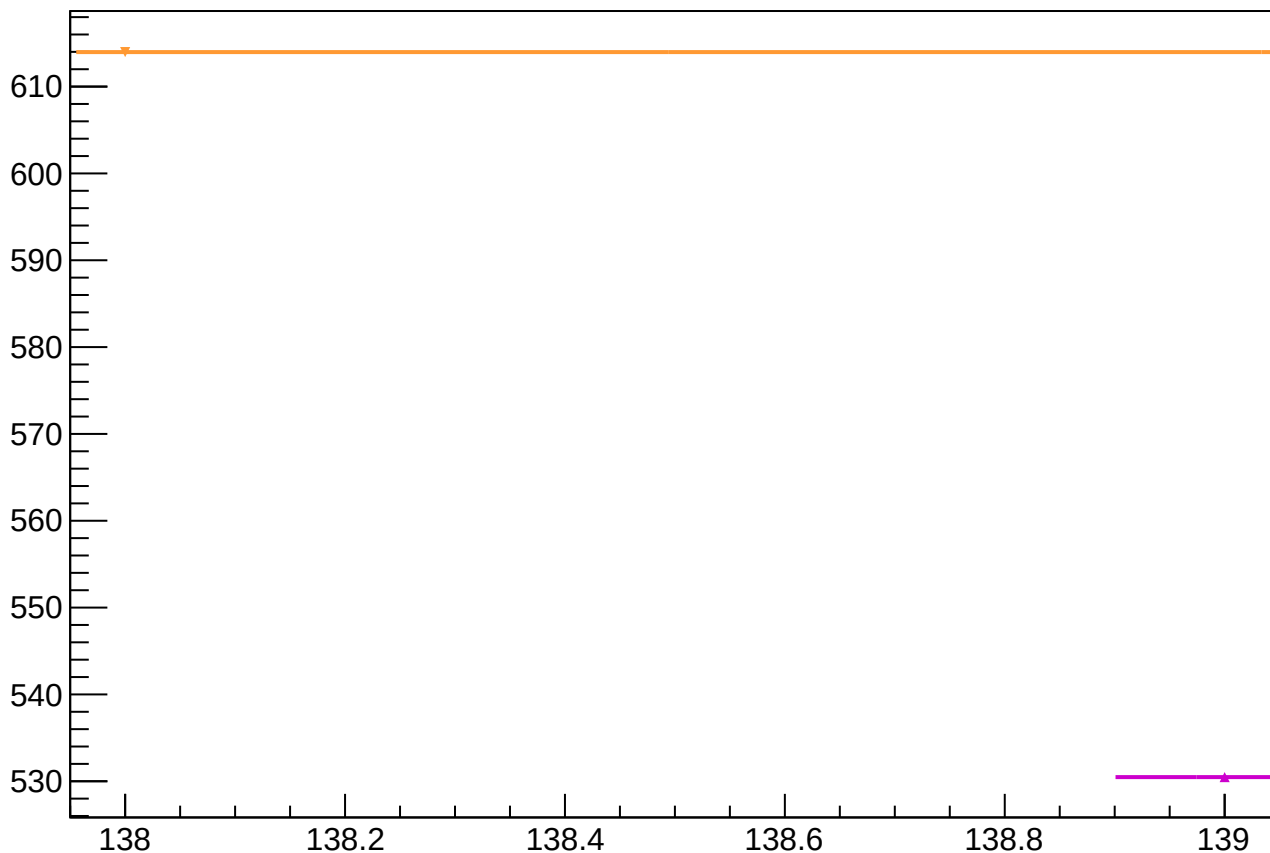
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1164.228+/-601.314 χ^2/NDF : 0.0/0

Out: -683.475+/-719.022 χ^2/NDF : 0.0/0

All: 403.801+/-461.270 χ^2/NDF : 3.9/1

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 613.974 $\pm$ 0.508 χ^2 /NDF: 0.0/0

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

Left In: 530.478 $\pm$ 0.425 χ^2 /NDF: 0.0/0

Left: 564.841 $\pm$ 0.326 χ^2 /NDF: 15870.5/1

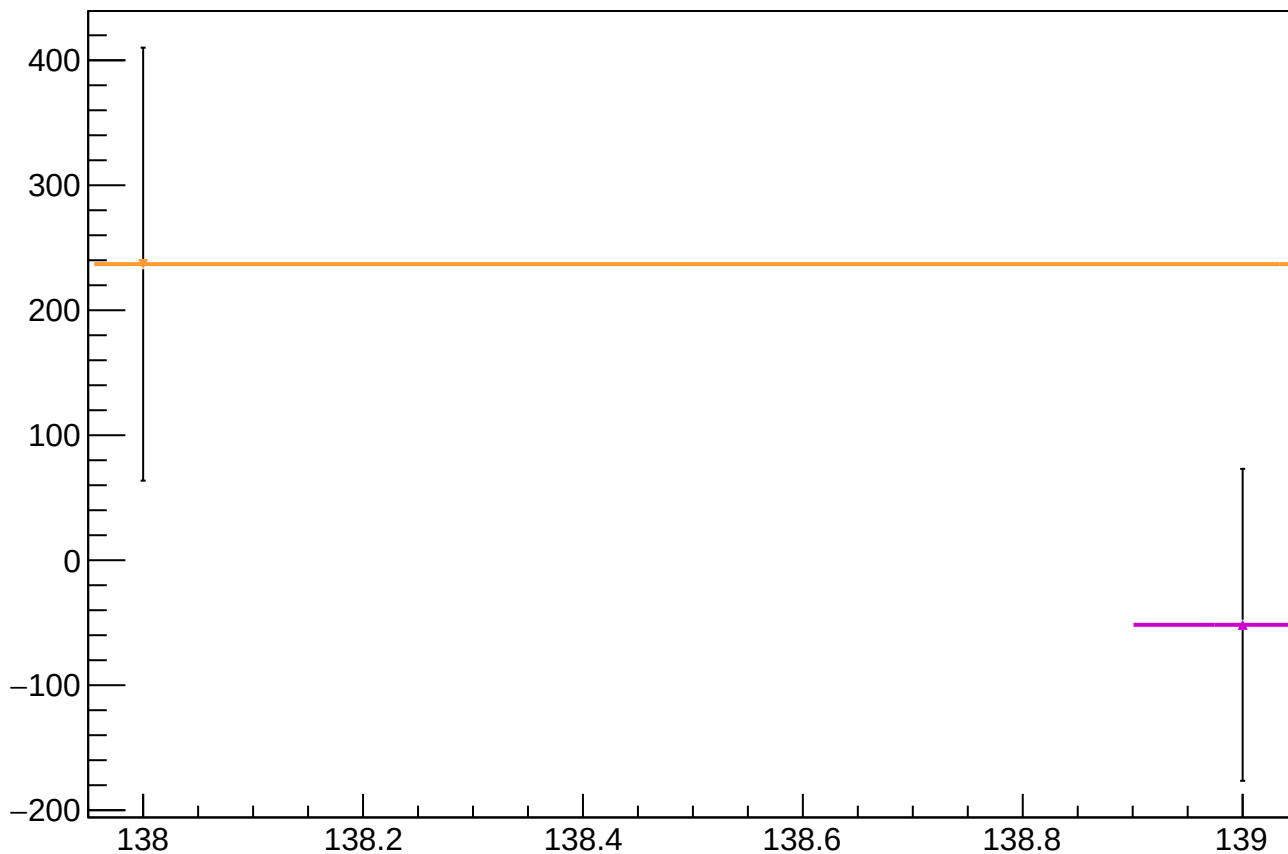
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 530.478 $\pm$ 0.425 χ^2 /NDF: 0.0/0

Out: 613.974 $\pm$ 0.508 χ^2 /NDF: 0.0/0

All: 564.841 $\pm$ 0.326 χ^2 /NDF: 15870.5/1

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 236.881 $\pm$ 173.207 χ^2 /NDF: 0.0/0

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

Left In: -51.673 $\pm$ 124.804 χ^2 /NDF: 0.0/0

Left: 46.941 $\pm$ 101.256 χ^2 /NDF: 1.8/1

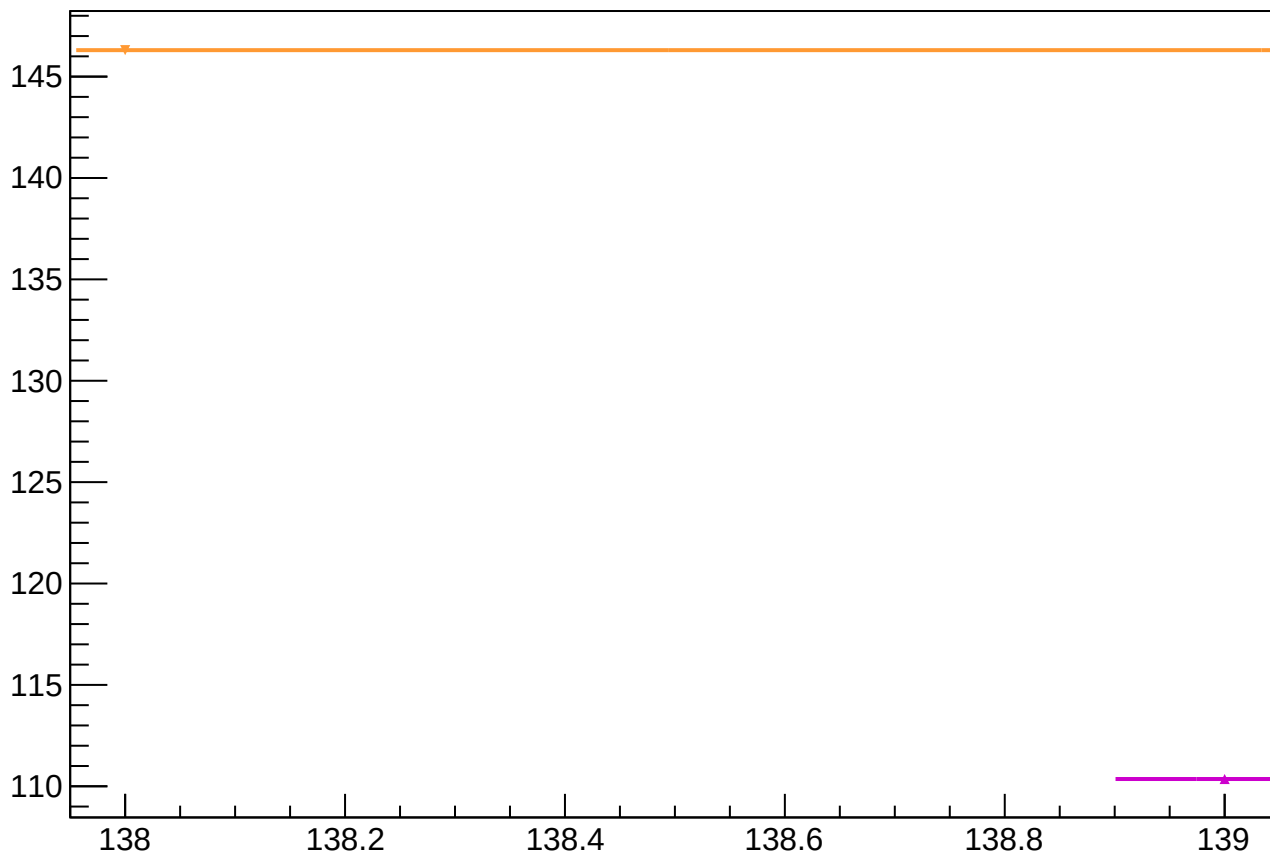
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -51.673 $\pm$ 124.804 χ^2 /NDF: 0.0/0

Out: 236.881 $\pm$ 173.207 χ^2 /NDF: 0.0/0

All: 46.941 $\pm$ 101.256 χ^2 /NDF: 1.8/1

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: 110.359+/-0.088 χ^2/NDF : 0.0/0

Left: 122.643+/-0.072 χ^2/NDF : 56700.9/1

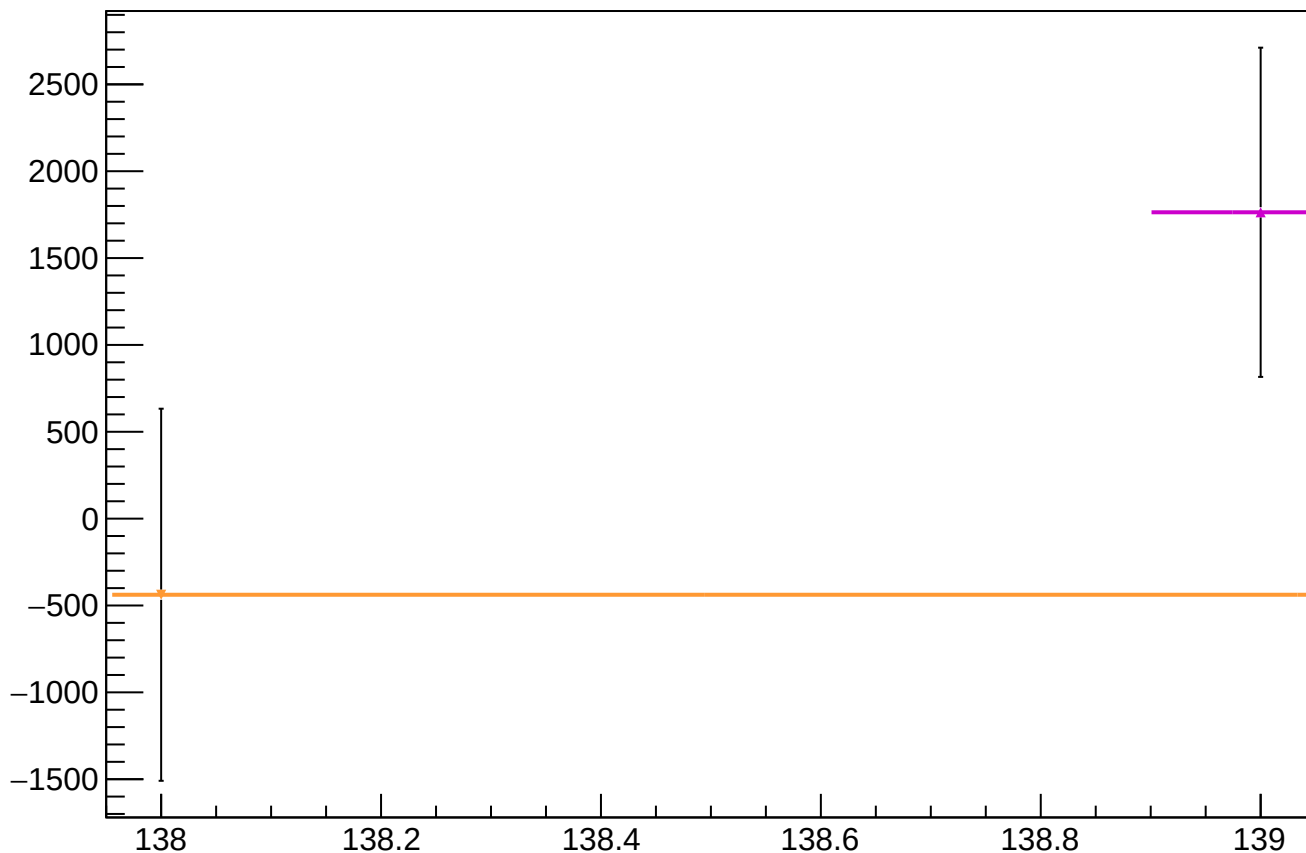
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 110.359+/-0.088 χ^2/NDF : 0.0/0

Out: 146.305+/-0.122 χ^2/NDF : 0.0/0

All: 122.643+/-0.072 χ^2/NDF : 56700.9/1

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: 1763.566+/-947.623 χ^2/NDF : 0.0/0

Left: 796.777+/-709.704 χ^2/NDF : 2.4/1

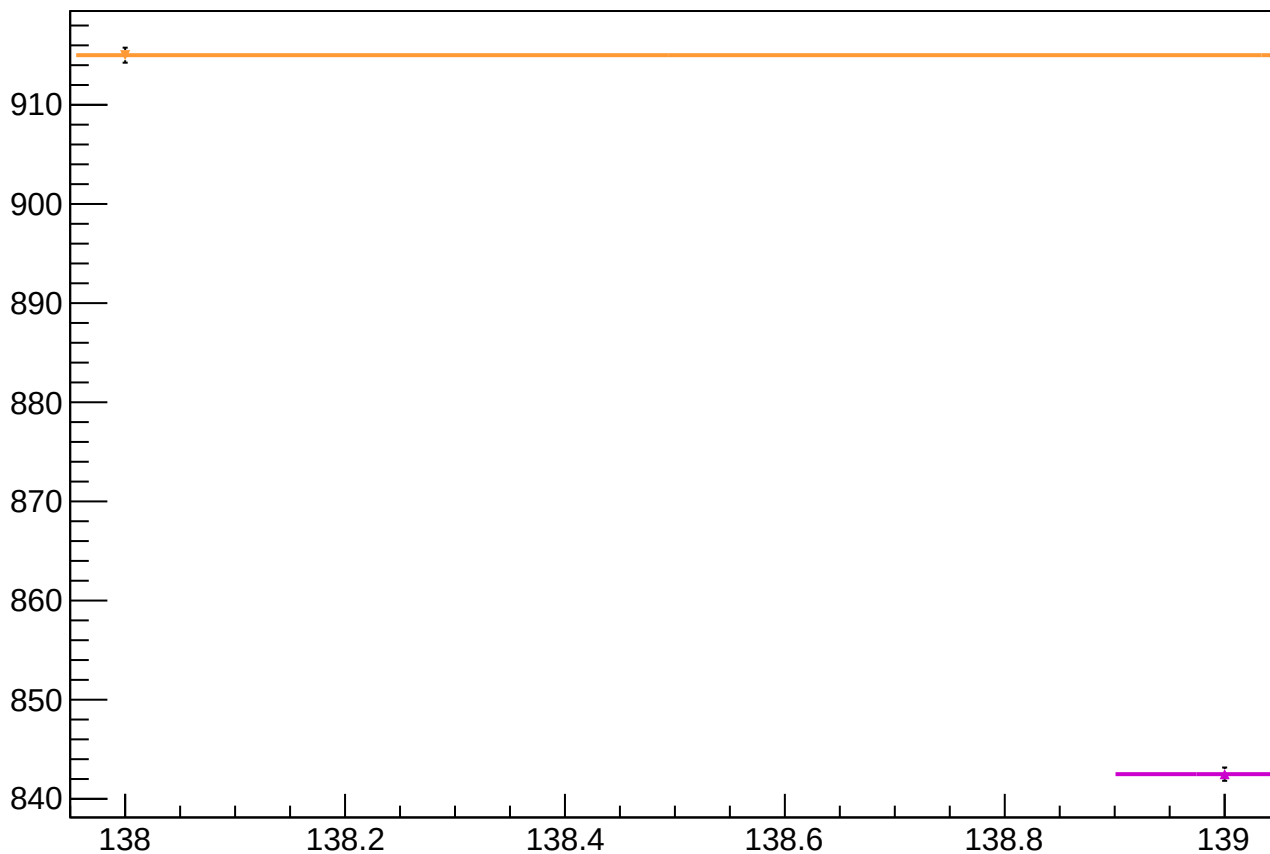
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1763.566+/-947.623 χ^2/NDF : 0.0/0

Out: -438.169+/-1071.010 χ^2/NDF : 0.0/0

All: 796.777+/-709.704 χ^2/NDF : 2.4/1

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: 842.491+/-0.670 χ^2/NDF : 0.0/0

Left: 874.333+/-0.502 χ^2/NDF : 5143.0/1

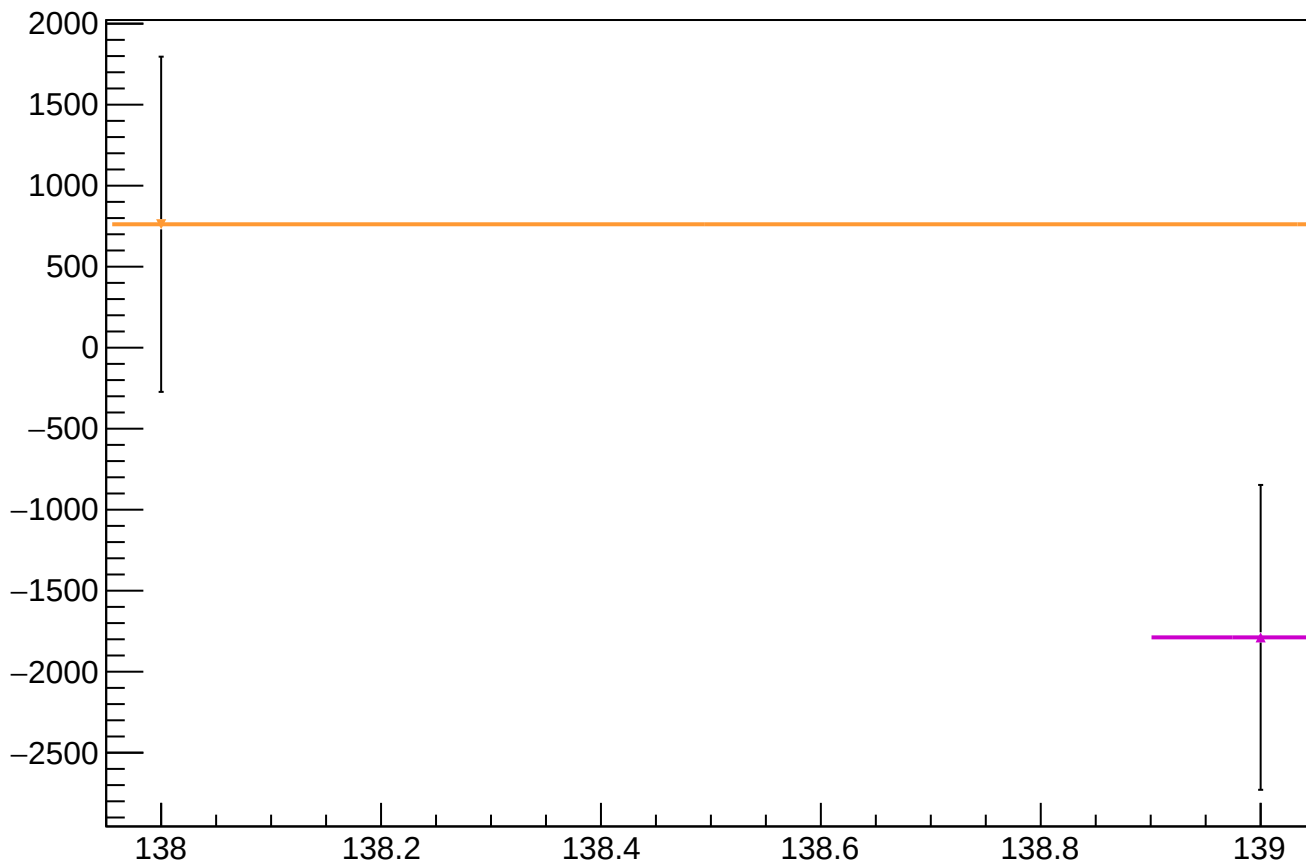
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 842.491+/-0.670 χ^2/NDF : 0.0/0

Out: 915.008+/-0.757 χ^2/NDF : 0.0/0

All: 874.333+/-0.502 χ^2/NDF : 5143.0/1

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: -1788.122+/-940.873 χ^2/NDF : 0.0/0

Left: -633.831+/-696.063 χ^2/NDF : 3.3/1

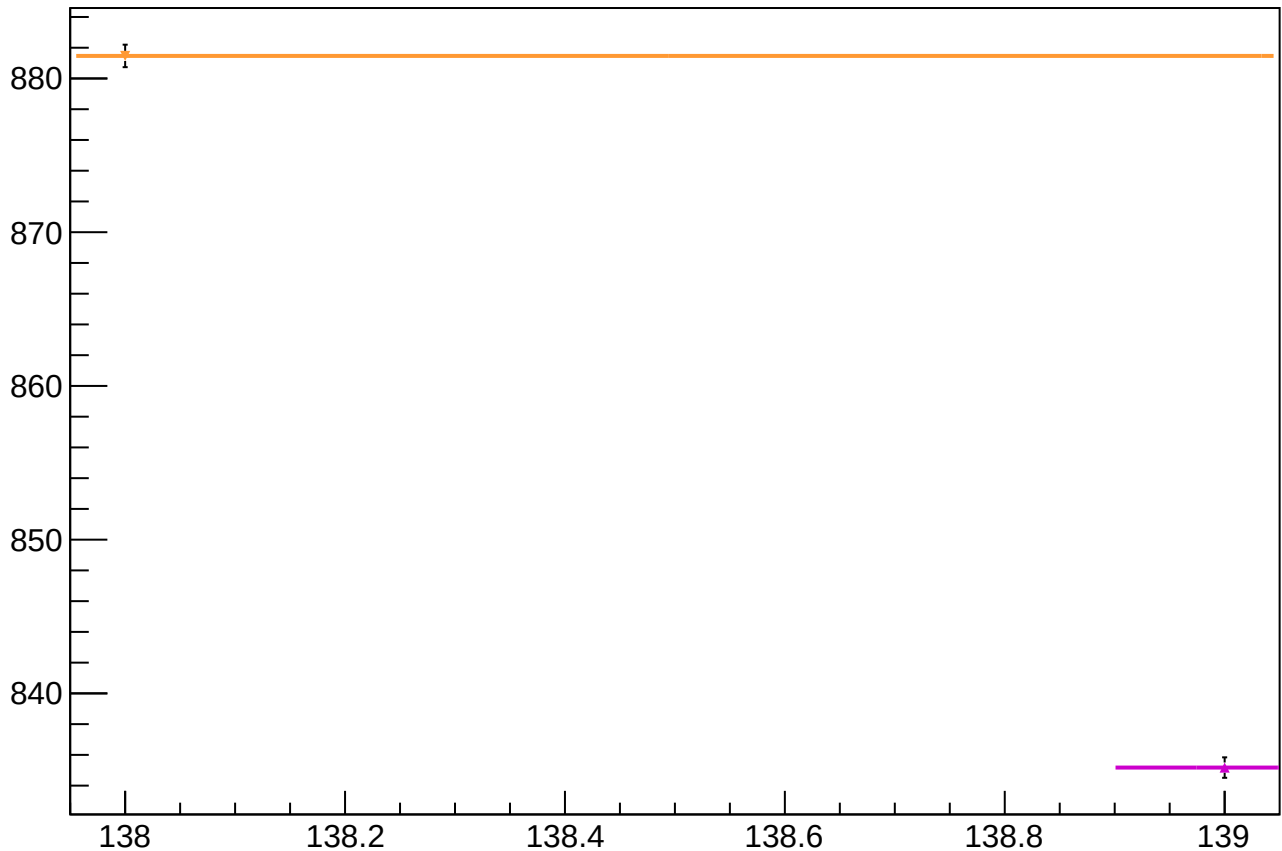
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1788.122+/-940.873 χ^2/NDF : 0.0/0

Out: 761.735+/-1034.544 χ^2/NDF : 0.0/0

All: -633.831+/-696.063 χ^2/NDF : 3.3/1

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: 835.174+/-0.665 χ^2 /NDF:0.0/0

Left: 856.131+/-0.492 χ^2 /NDF: 2191.8/1

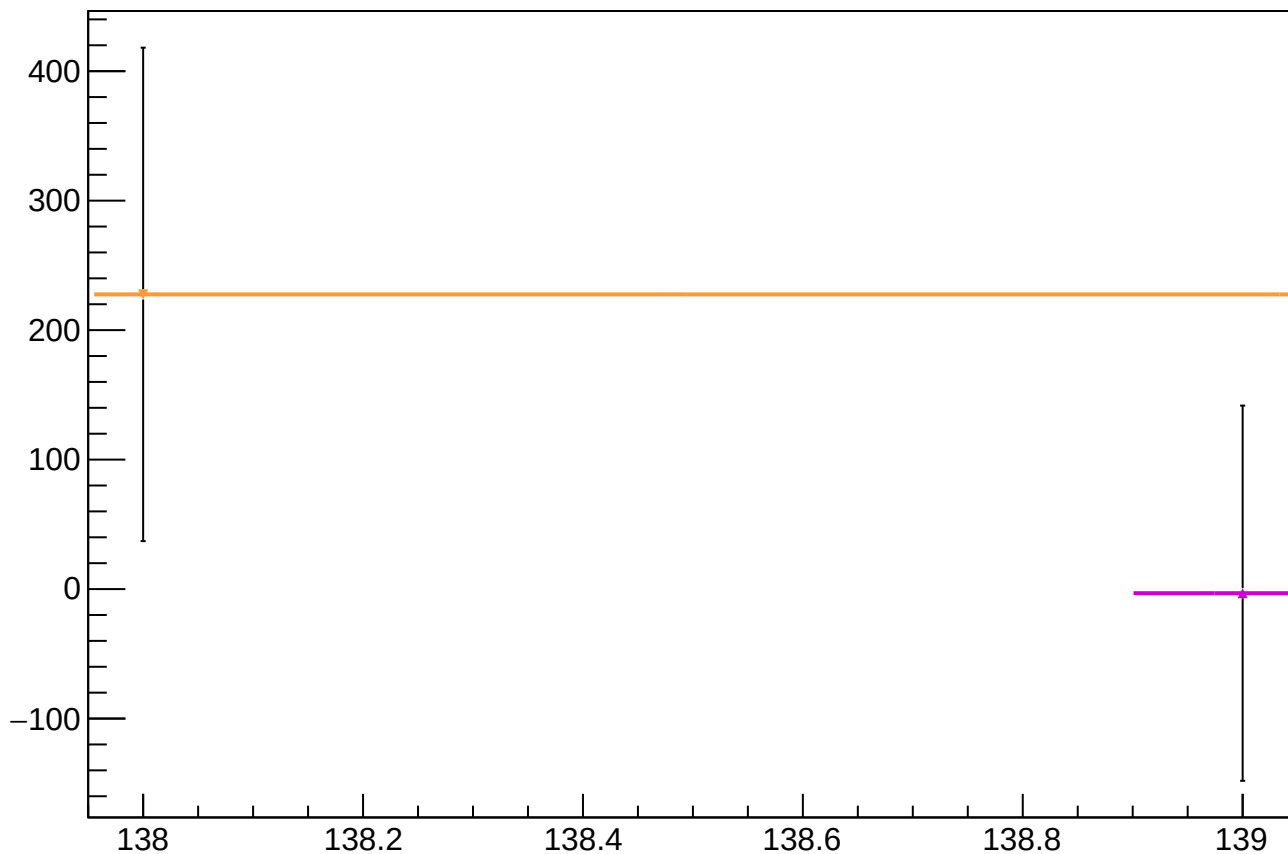
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 835.174+/-0.665 χ^2 /NDF:0.0/0

Out: 881.467+/-0.732 χ^2 /NDF:0.0/0

All: 856.131+/-0.492 χ^2 /NDF: 2191.8/1

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: -3.174+/-144.892 χ^2/NDF : 0.0/0

Left: 81.368+/-115.337 χ^2/NDF : 0.9/1

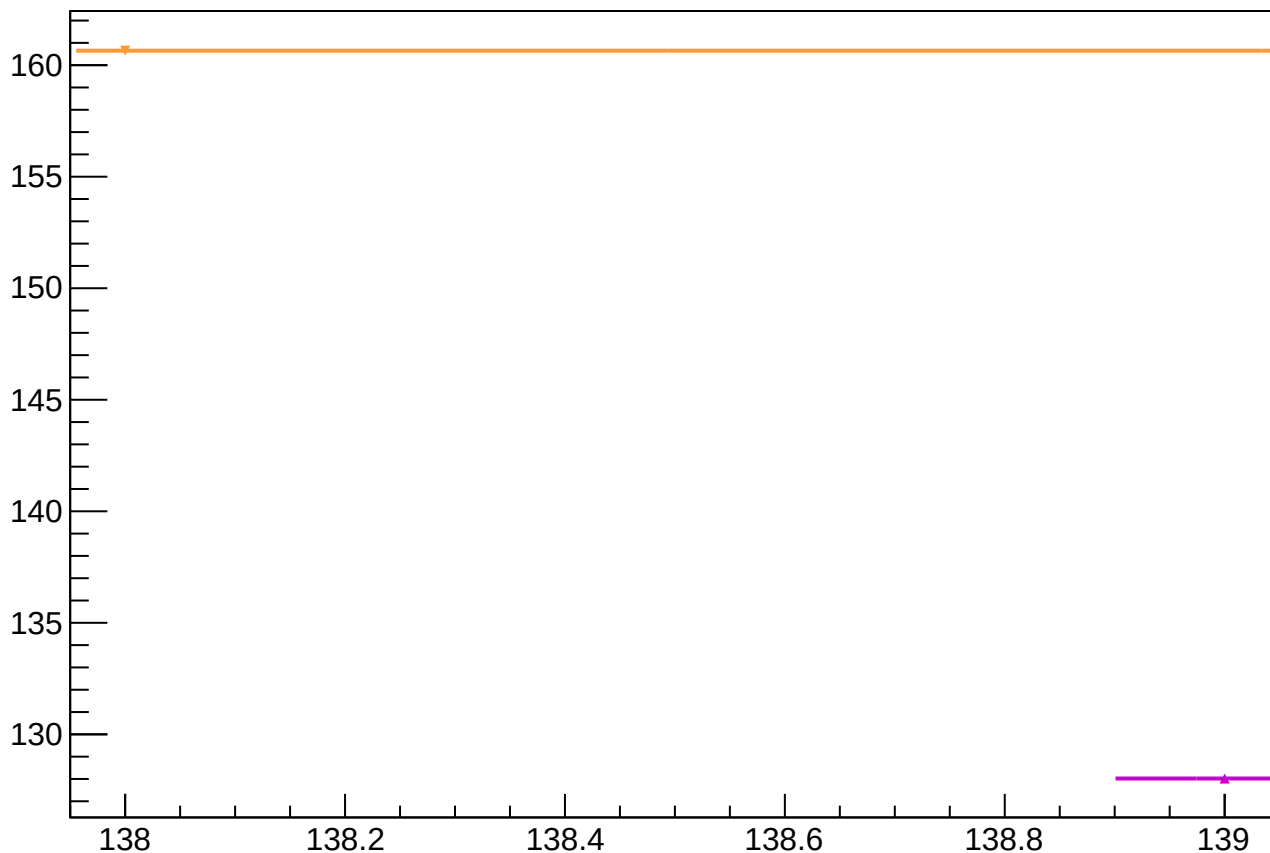
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.174+/-144.892 χ^2/NDF : 0.0/0

Out: 227.596+/-190.555 χ^2/NDF : 0.0/0

All: 81.368+/-115.337 χ^2/NDF : 0.9/1

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: 128.020+/-0.102 χ^2/NDF : 0.0/0

Left: 139.974+/-0.082 χ^2/NDF : 37160.0/1

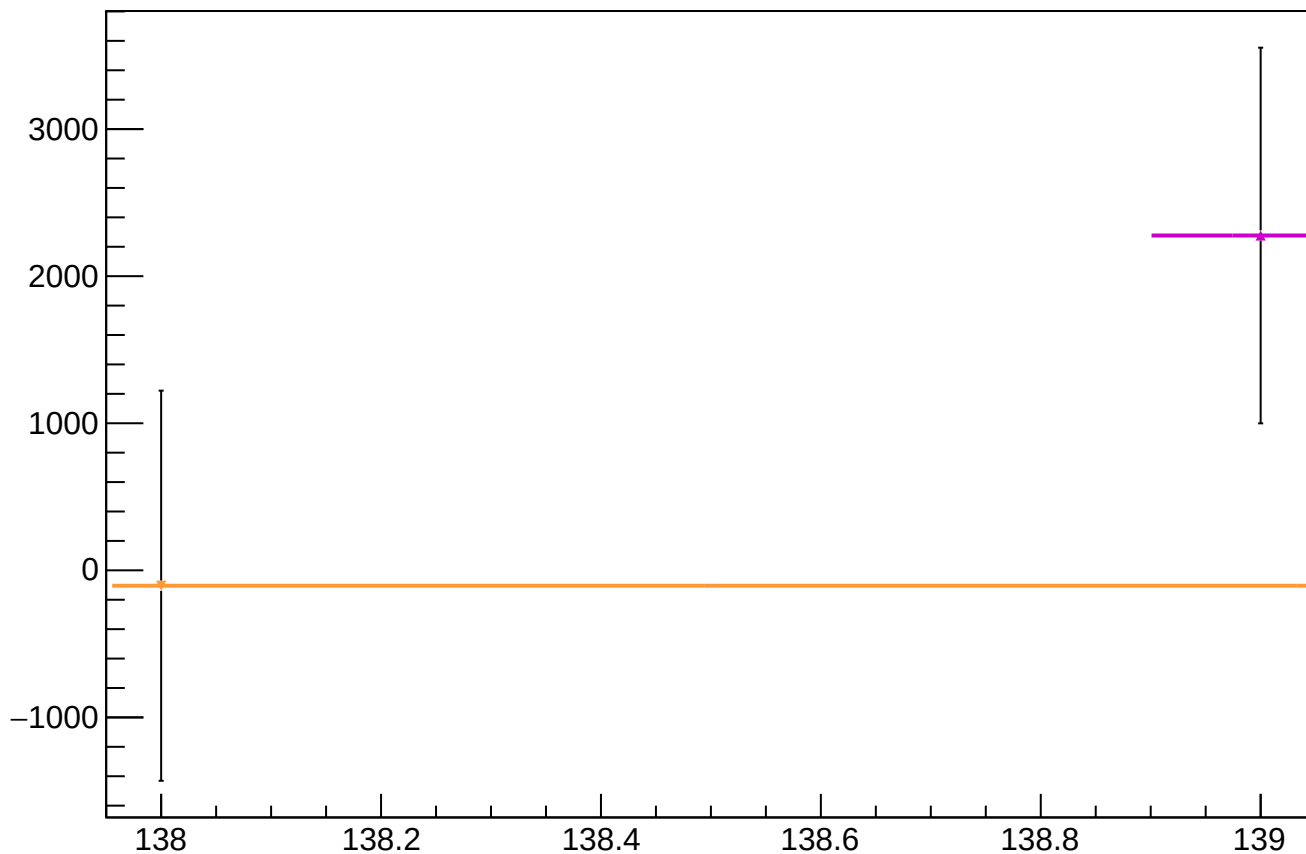
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.020+/-0.102 χ^2/NDF : 0.0/0

Out: 160.650+/-0.135 χ^2/NDF : 0.0/0

All: 139.974+/-0.082 χ^2/NDF : 37160.0/1

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -104.711+/-1326.321 χ^2/NDF : 0.0/0

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

Left In: 2276.531+/-1277.137 χ^2/NDF : 0.0/0

Left: 1130.880+/-919.969 χ^2/NDF : 1.7/1

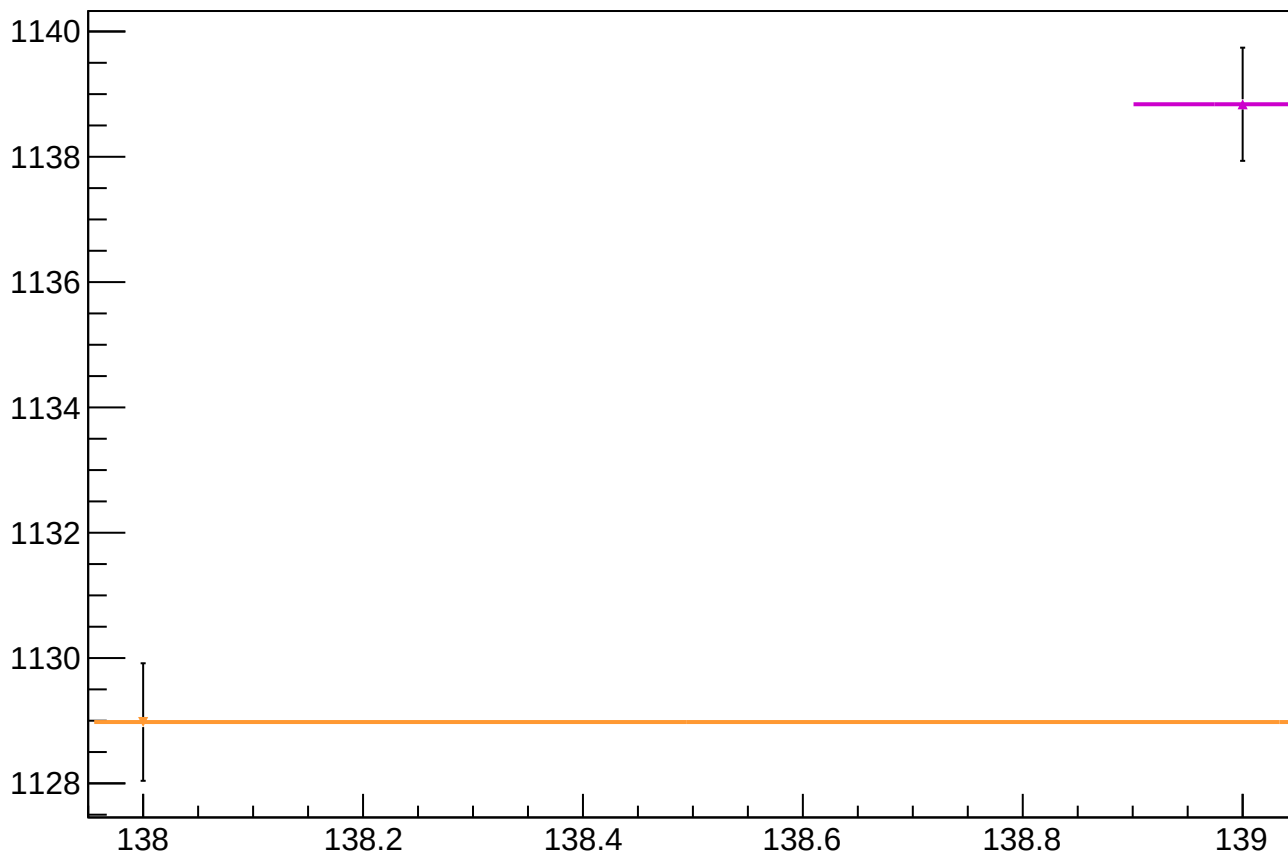
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2276.531+/-1277.137 χ^2/NDF : 0.0/0

Out: -104.711+/-1326.321 χ^2/NDF : 0.0/0

All: 1130.880+/-919.969 χ^2/NDF : 1.7/1

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: 1138.838+/-0.903 χ^2/NDF : 0.0/0

Left: 1134.095+/-0.651 χ^2/NDF : 57.3/1

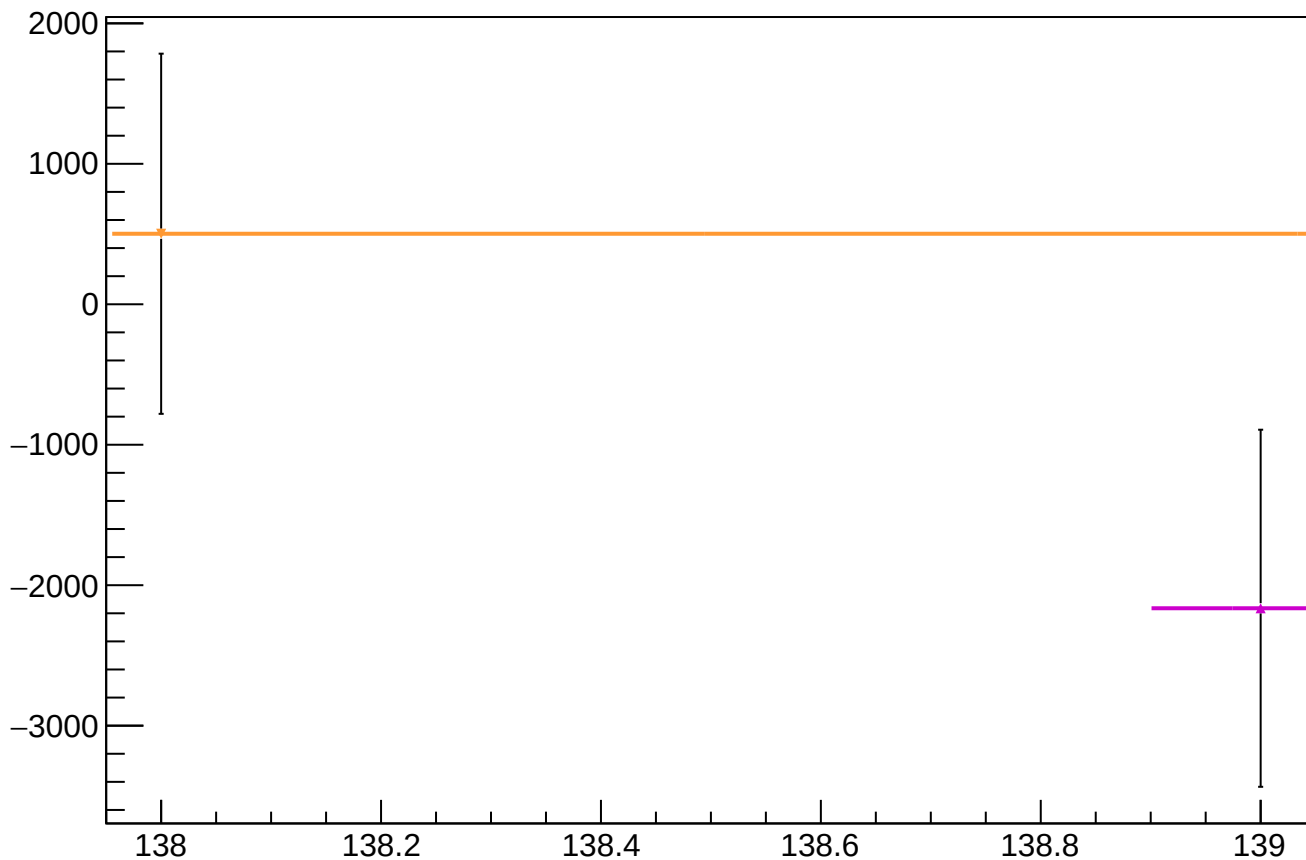
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1138.838+/-0.903 χ^2/NDF : 0.0/0

Out: 1128.979+/-0.938 χ^2/NDF : 0.0/0

All: 1134.095+/-0.651 χ^2/NDF : 57.3/1

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: -2164.108+/-1271.075 χ^2/NDF : 0.0/0

Left: -842.493+/-902.641 χ^2/NDF : 2.2/1

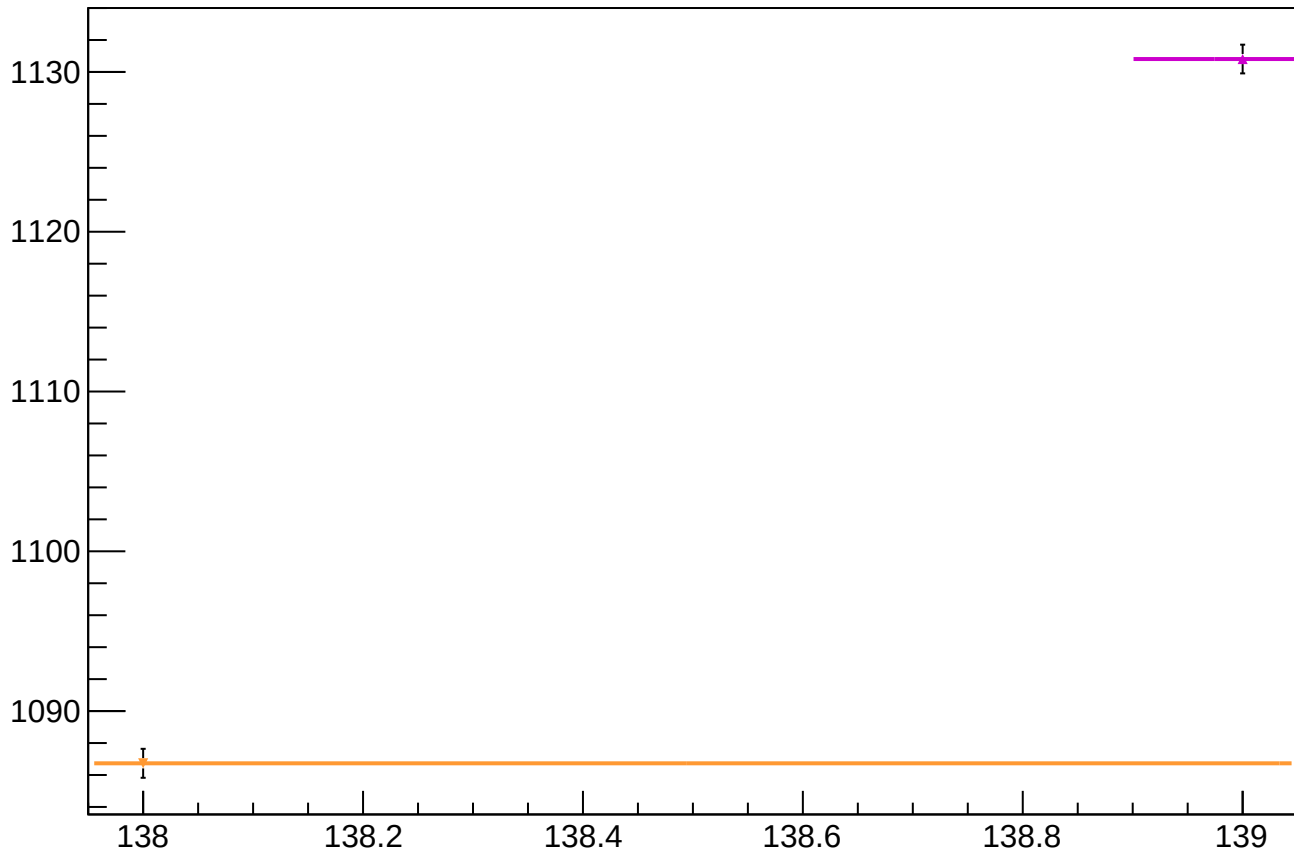
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2164.108+/-1271.075 χ^2/NDF : 0.0/0

Out: 502.043+/-1282.050 χ^2/NDF : 0.0/0

All: -842.493+/-902.641 χ^2/NDF : 2.2/1

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: 1130.809+/-0.899 χ^2/NDF : 0.0/0

Left: 1108.959+/-0.638 χ^2/NDF : 1192.2/1

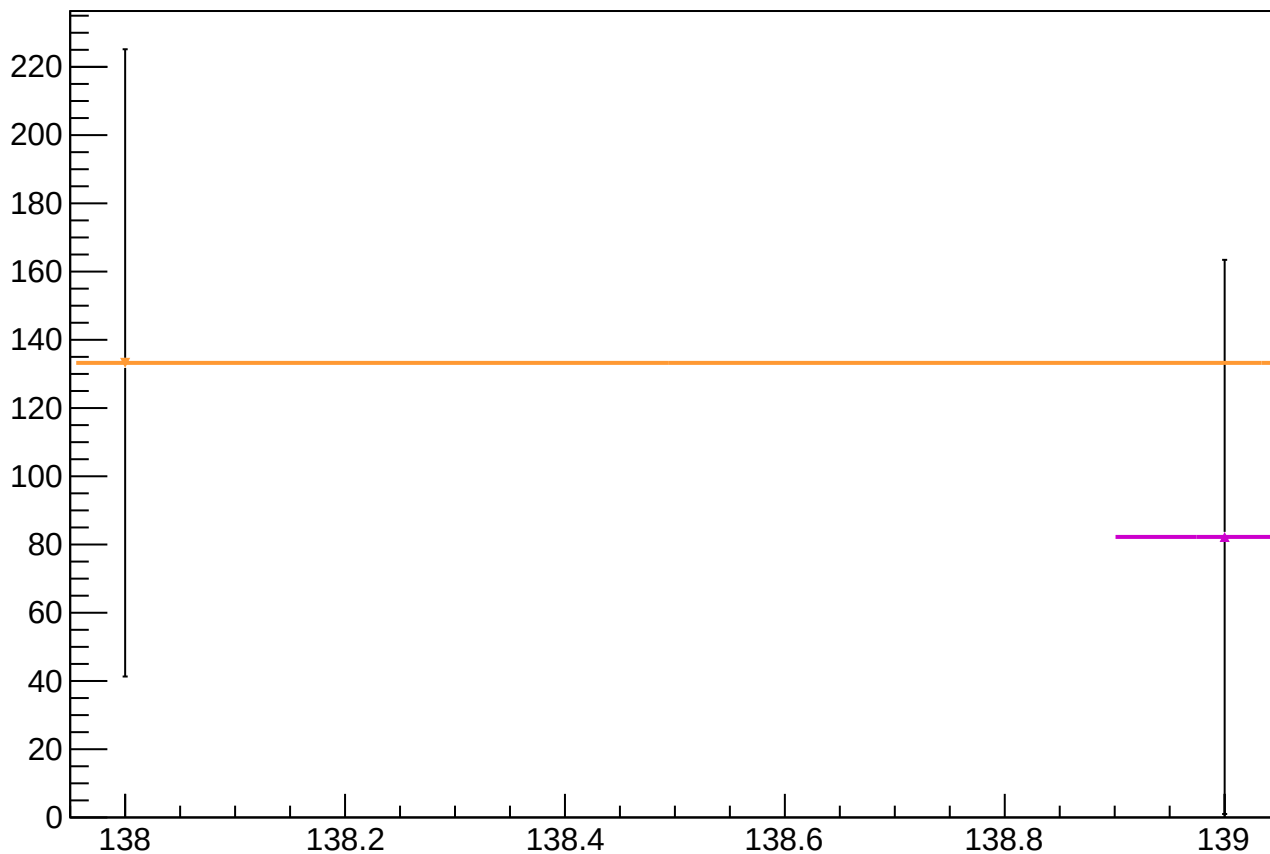
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1130.809+/-0.899 χ^2/NDF : 0.0/0

Out: 1086.731+/-0.907 χ^2/NDF : 0.0/0

All: 1108.959+/-0.638 χ^2/NDF : 1192.2/1

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: 82.227+/-81.212 χ^2/NDF : 0.0/0

Left: 104.588+/-60.863 χ^2/NDF : 0.2/1

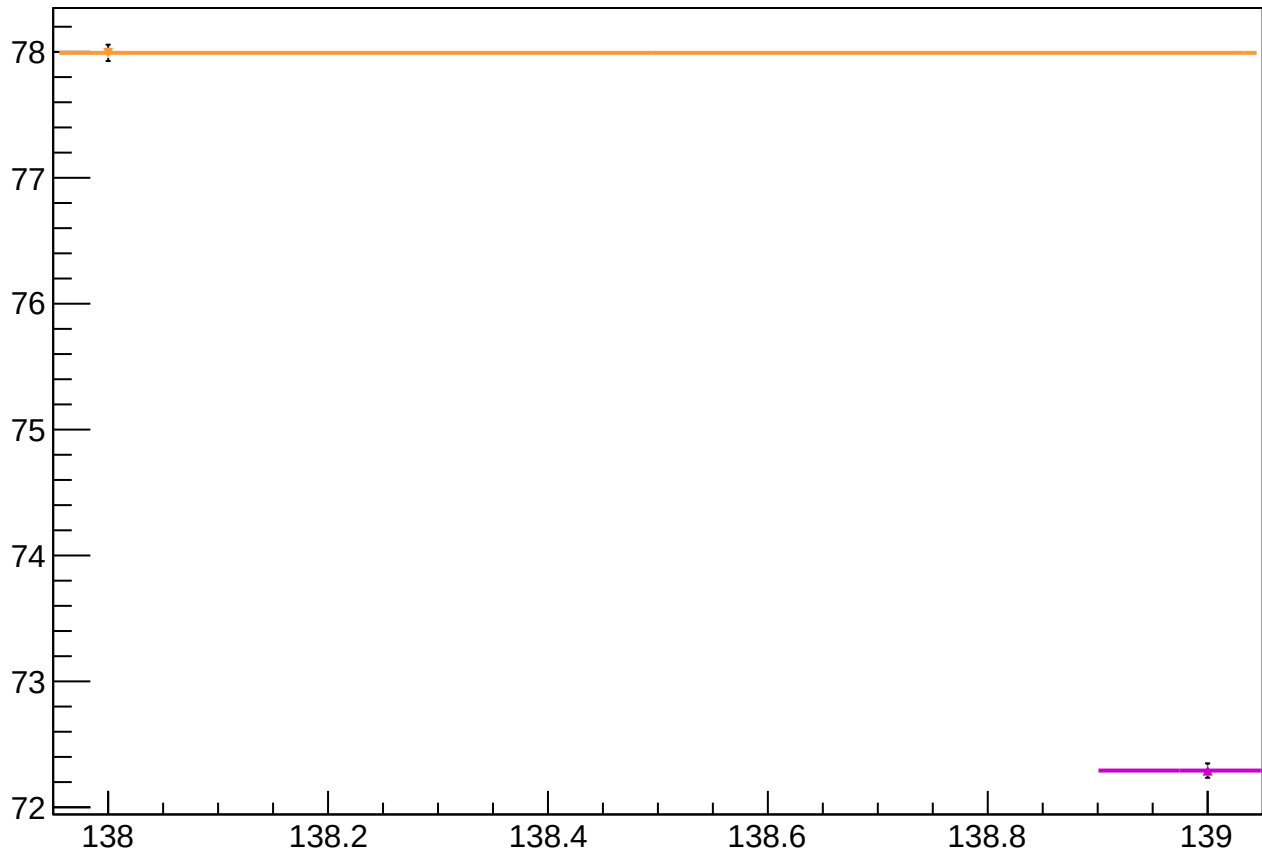
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.227+/-81.212 χ^2/NDF : 0.0/0

Out: 133.239+/-91.928 χ^2/NDF : 0.0/0

All: 104.588+/-60.863 χ^2/NDF : 0.2/1

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 77.993+/-0.065 χ^2/NDF : 0.0/0

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

Left In: 72.292+/-0.057 χ^2/NDF : 0.0/0

Left: 74.791+/-0.043 χ^2/NDF : 4320.2/1

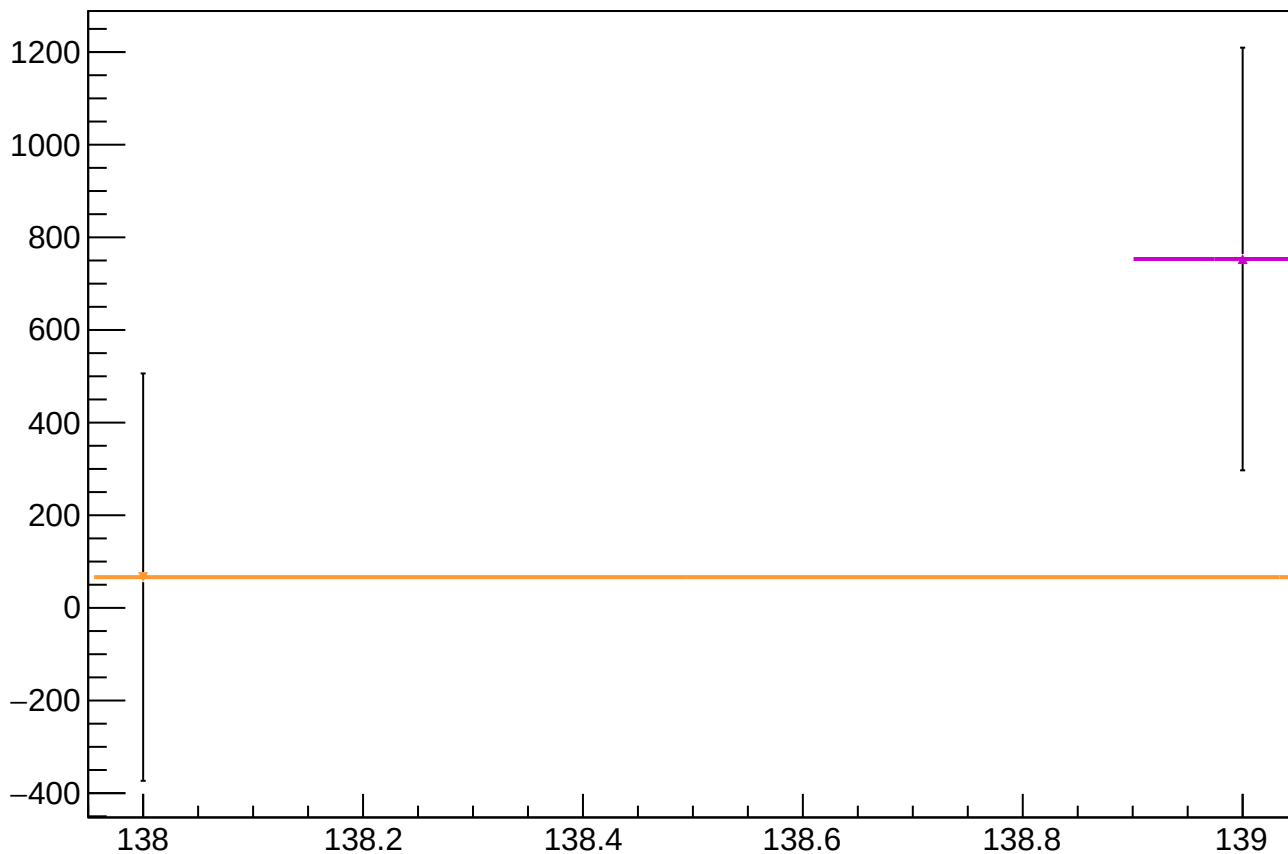
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 72.292+/-0.057 χ^2/NDF : 0.0/0

Out: 77.993+/-0.065 χ^2/NDF : 0.0/0

All: 74.791+/-0.043 χ^2/NDF : 4320.2/1

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: 753.236+/-456.251 χ^2/NDF : 0.0/0

Left: 397.169+/-316.614 χ^2/NDF : 1.2/1

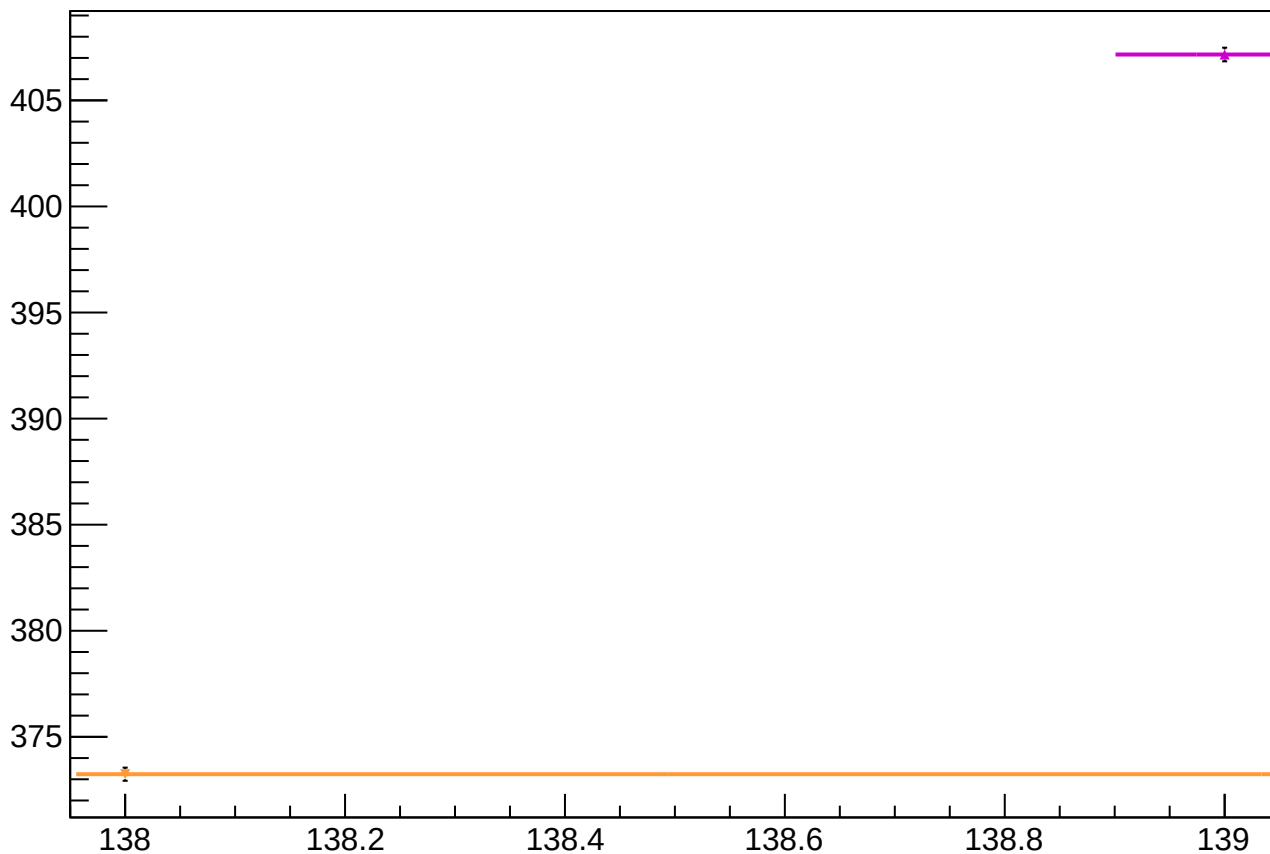
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 753.236+/-456.251 χ^2/NDF : 0.0/0

Out: 66.428+/-439.725 χ^2/NDF : 0.0/0

All: 397.169+/-316.614 χ^2/NDF : 1.2/1

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: 407.161+/-0.323 χ^2/NDF : 0.0/0

Left: 389.575+/-0.224 χ^2/NDF : 5731.6/1

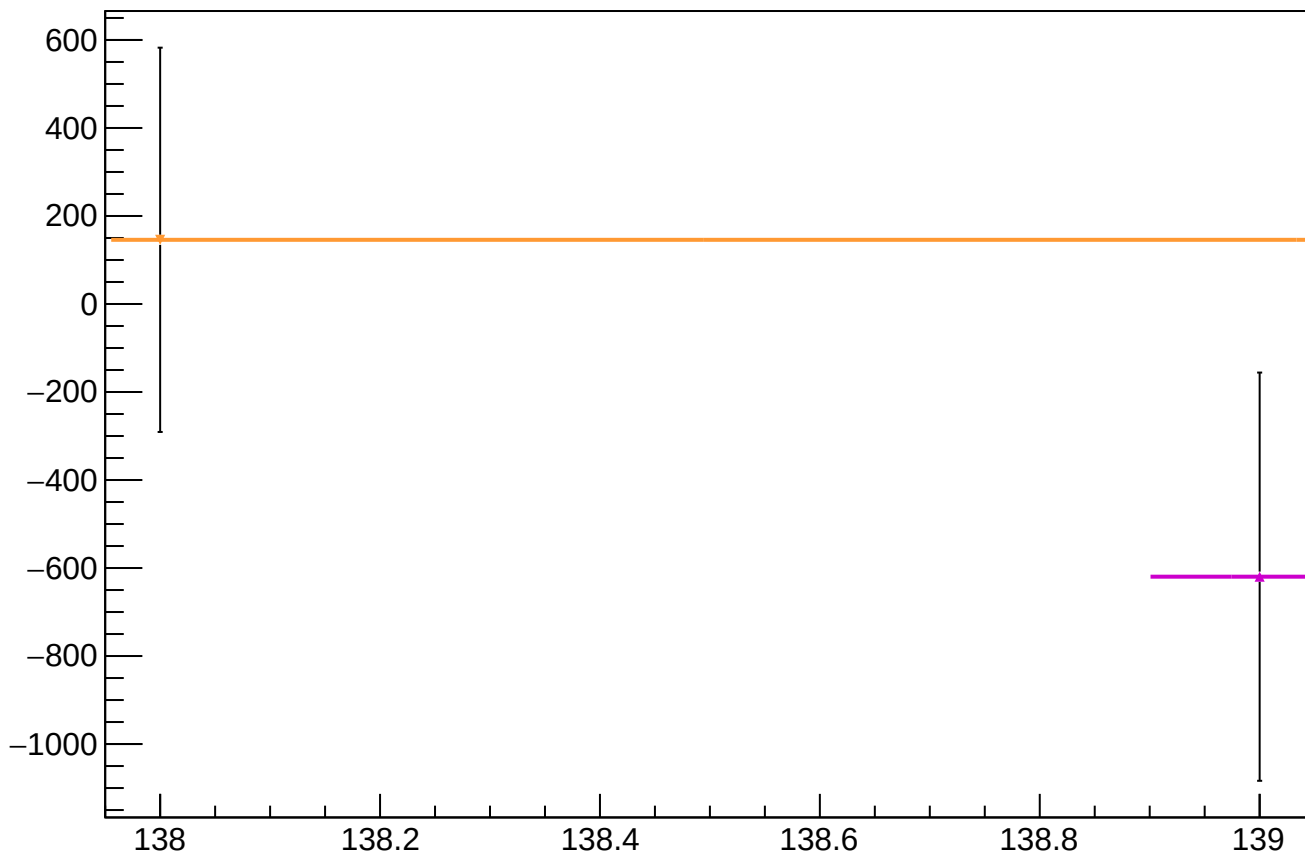
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 407.161+/-0.323 χ^2/NDF : 0.0/0

Out: 373.239+/-0.311 χ^2/NDF : 0.0/0

All: 389.575+/-0.224 χ^2/NDF : 5731.6/1

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: -619.697+/-463.863 χ^2/NDF : 0.0/0

Left: -213.833+/-317.949 χ^2/NDF : 1.4/1

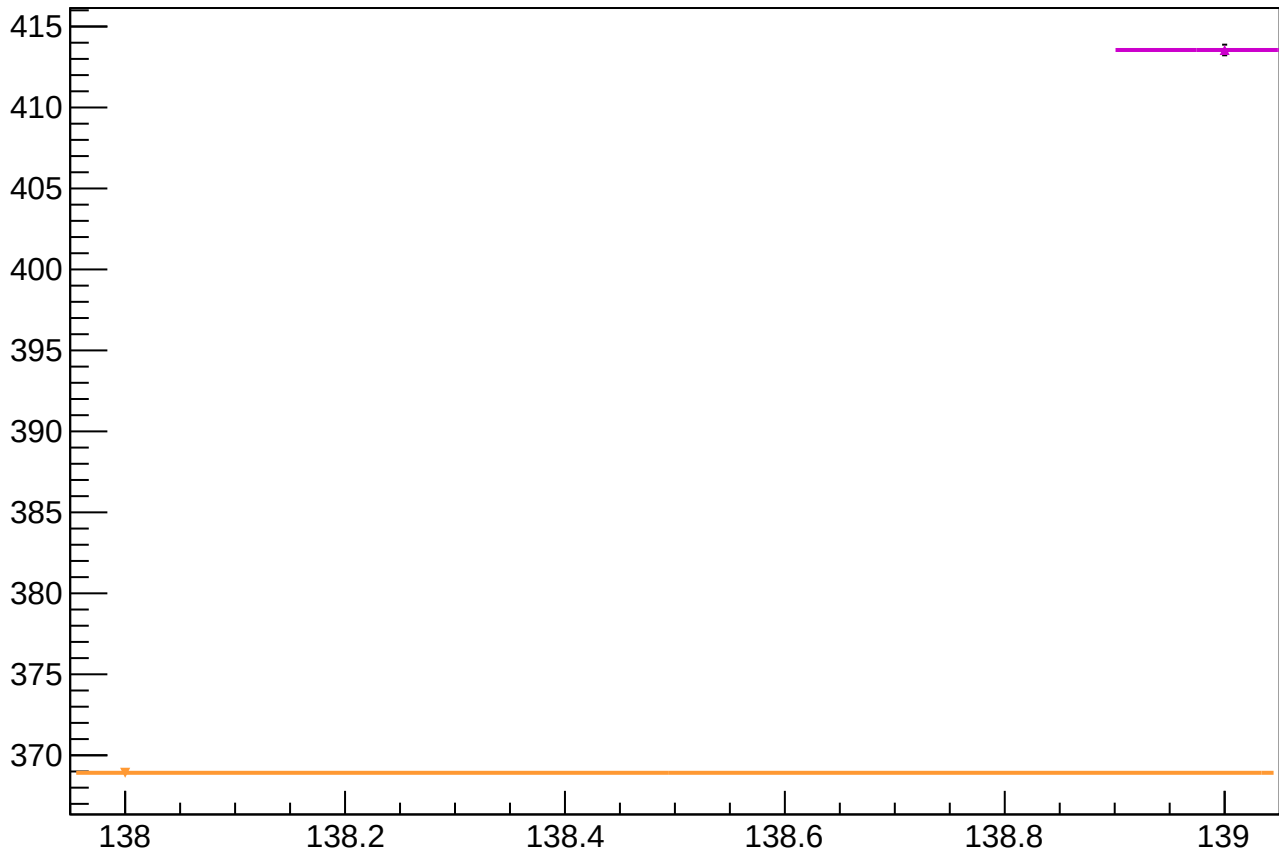
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -619.697+/-463.863 χ^2/NDF : 0.0/0

Out: 145.833+/-436.665 χ^2/NDF : 0.0/0

All: -213.833+/-317.949 χ^2/NDF : 1.4/1

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: 413.551+/-0.328 χ^2/NDF : 0.0/0

Left: 389.888+/-0.225 χ^2/NDF : 9817.0/1

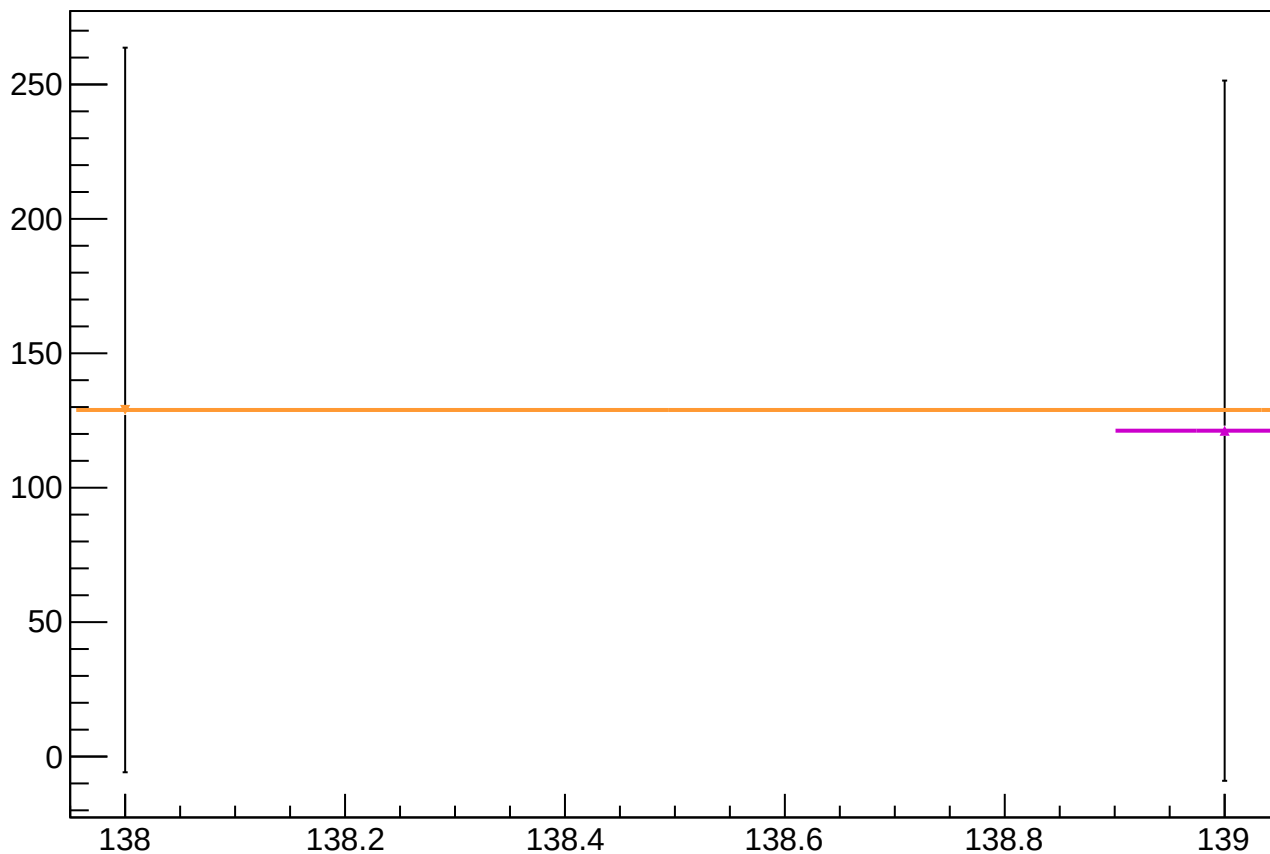
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 413.551+/-0.328 χ^2/NDF : 0.0/0

Out: 368.918+/-0.309 χ^2/NDF : 0.0/0

All: 389.888+/-0.225 χ^2/NDF : 9817.0/1

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: 121.212+/-130.231 χ^2/NDF : 0.0/0

Left: 124.934+/-93.649 χ^2/NDF : 0.0/1

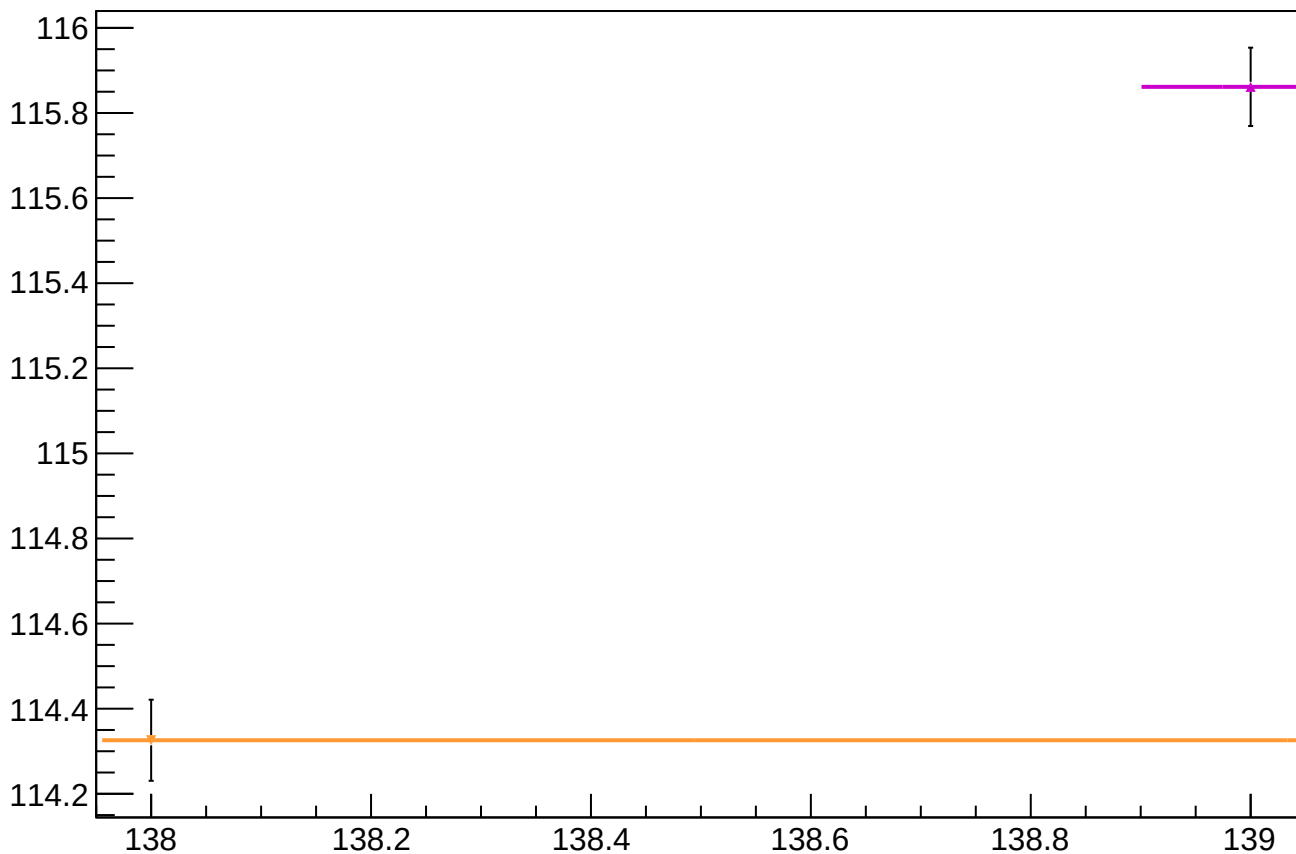
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.212+/-130.231 χ^2/NDF : 0.0/0

Out: 128.920+/-134.766 χ^2/NDF : 0.0/0

All: 124.934+/-93.649 χ^2/NDF : 0.0/1

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 114.326 $\pm$ 0.095 χ^2 /NDF: 0.0/0

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

Left In: 115.861 $\pm$ 0.092 χ^2 /NDF: 0.0/0

Left: 115.120 $\pm$ 0.066 χ^2 /NDF: 134.3/1

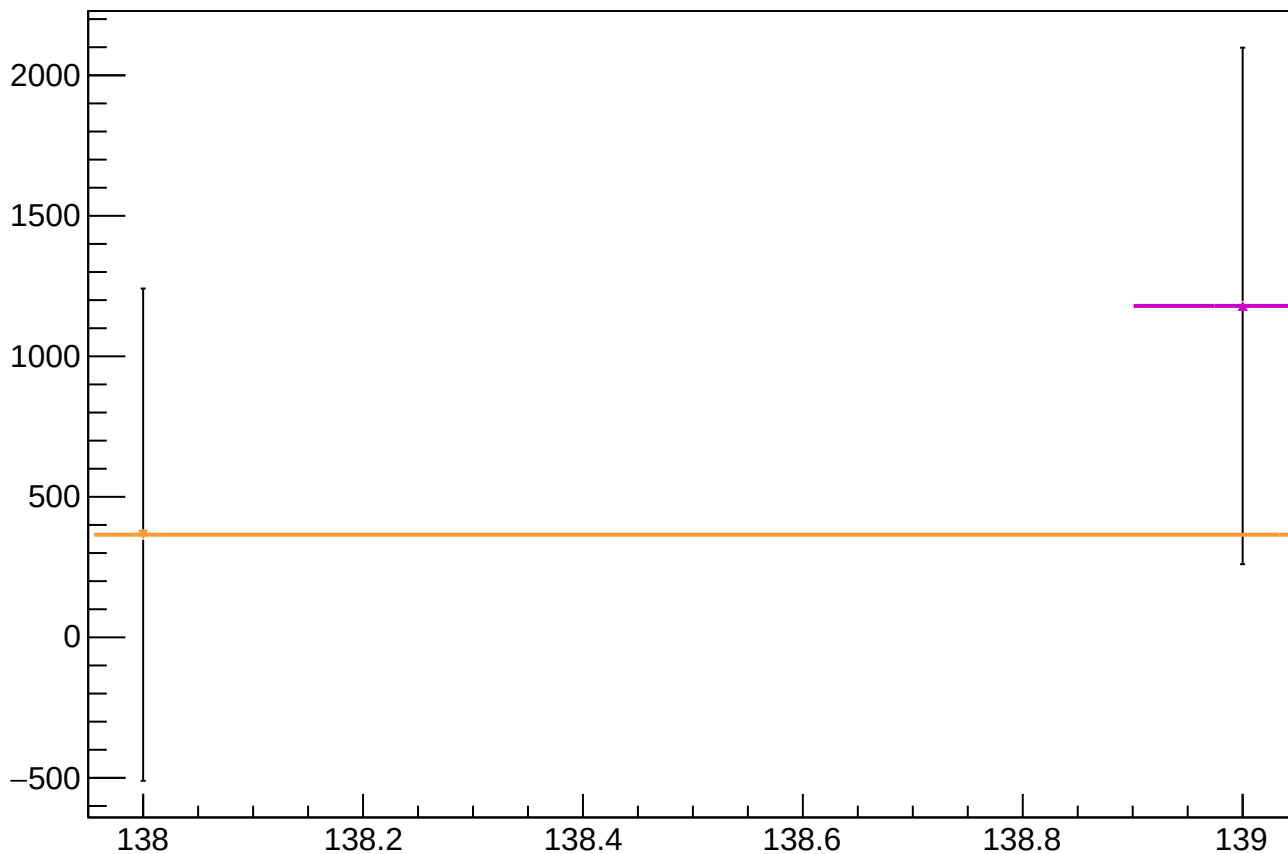
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 115.861 $\pm$ 0.092 χ^2 /NDF: 0.0/0

Out: 114.326 $\pm$ 0.095 χ^2 /NDF: 0.0/0

All: 115.120 $\pm$ 0.066 χ^2 /NDF: 134.3/1

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 365.387 $\pm$ 875.817 χ^2 /NDF:0.0/0

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

Left In: 1179.374 $\pm$ 918.993 χ^2 /NDF:0.0/0

Left: 752.810 $\pm$ 634.010 χ^2 /NDF: 0.4/1

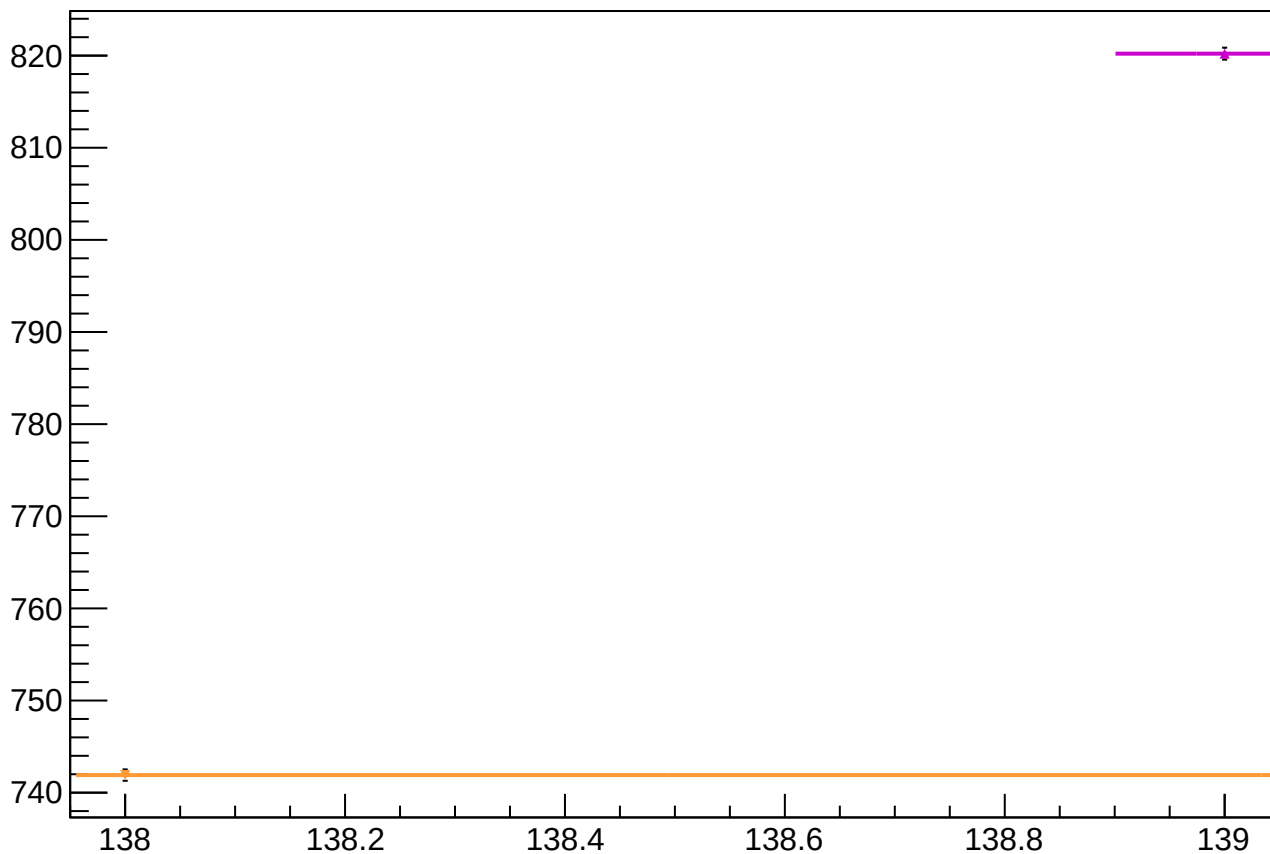
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1179.374 $\pm$ 918.993 χ^2 /NDF:0.0/0

Out: 365.387 $\pm$ 875.817 χ^2 /NDF:0.0/0

All: 752.810 $\pm$ 634.010 χ^2 /NDF: 0.4/1

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: 820.213+/-0.650 χ^2/NDF : 0.0/0

Left: 779.177+/-0.448 χ^2/NDF : 7609.5/1

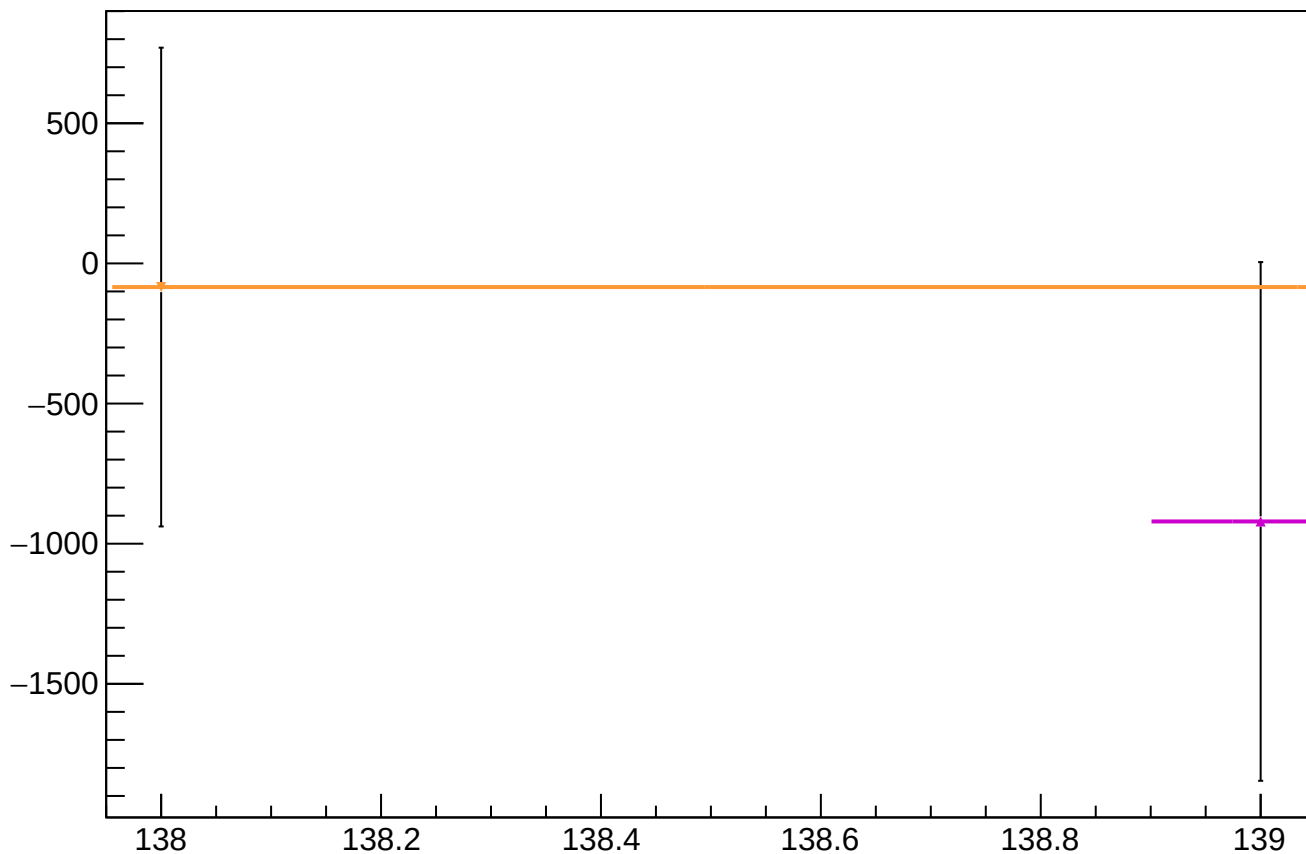
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 820.213+/-0.650 χ^2/NDF : 0.0/0

Out: 741.907+/-0.619 χ^2/NDF : 0.0/0

All: 779.177+/-0.448 χ^2/NDF : 7609.5/1

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: -84.386 ± 854.095 $\chi^2/\text{NDF}: 0.0/0$

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

Left In: -920.624 ± 925.308 $\chi^2/\text{NDF}: 0.0/0$

Left: -469.092 ± 627.604 $\chi^2/\text{NDF}: 0.4/1$

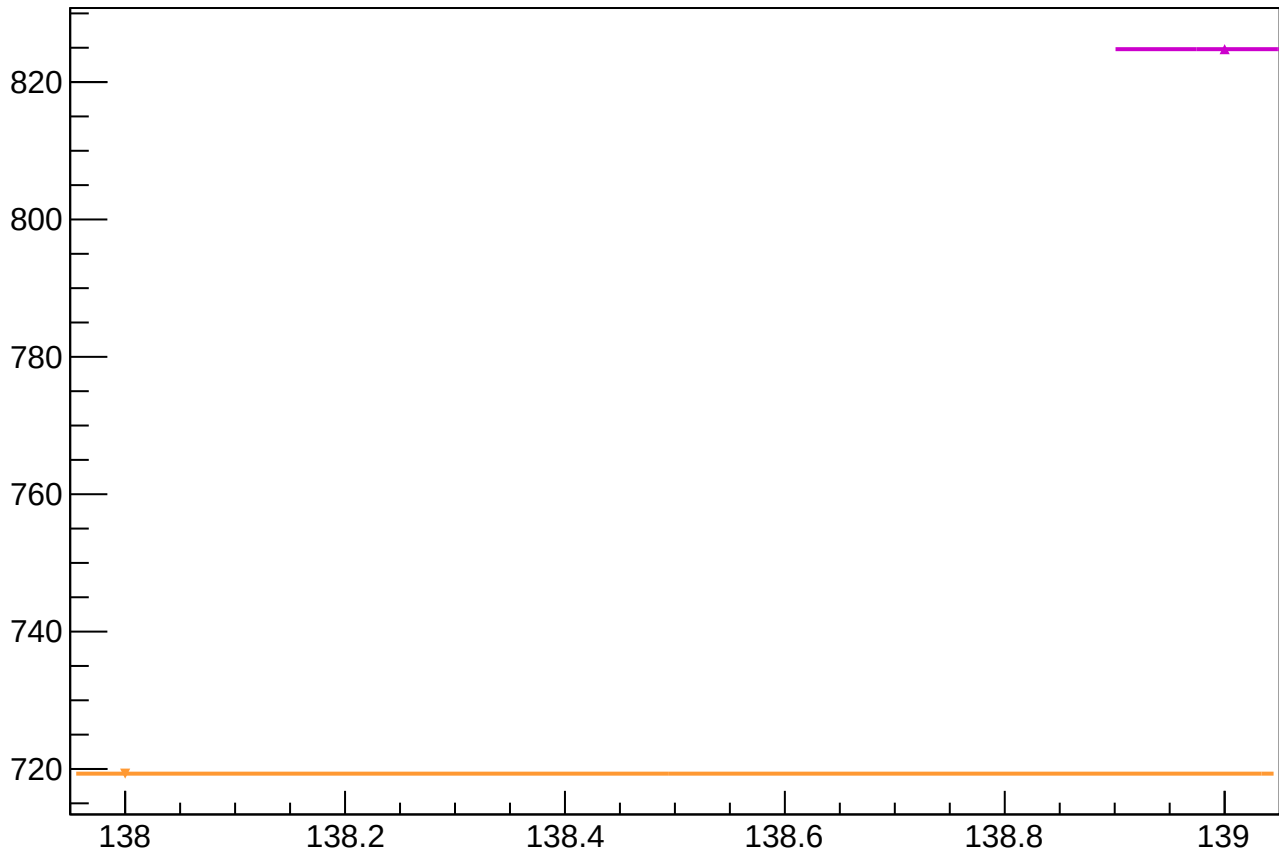
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -920.624 ± 925.308 $\chi^2/\text{NDF}: 0.0/0$

Out: -84.386 ± 854.095 $\chi^2/\text{NDF}: 0.0/0$

All: -469.092 ± 627.604 $\chi^2/\text{NDF}: 0.4/1$

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: 824.793+/-0.654 χ^2/NDF : 0.0/0

Left: 767.842+/-0.444 χ^2/NDF : 14031.2/1

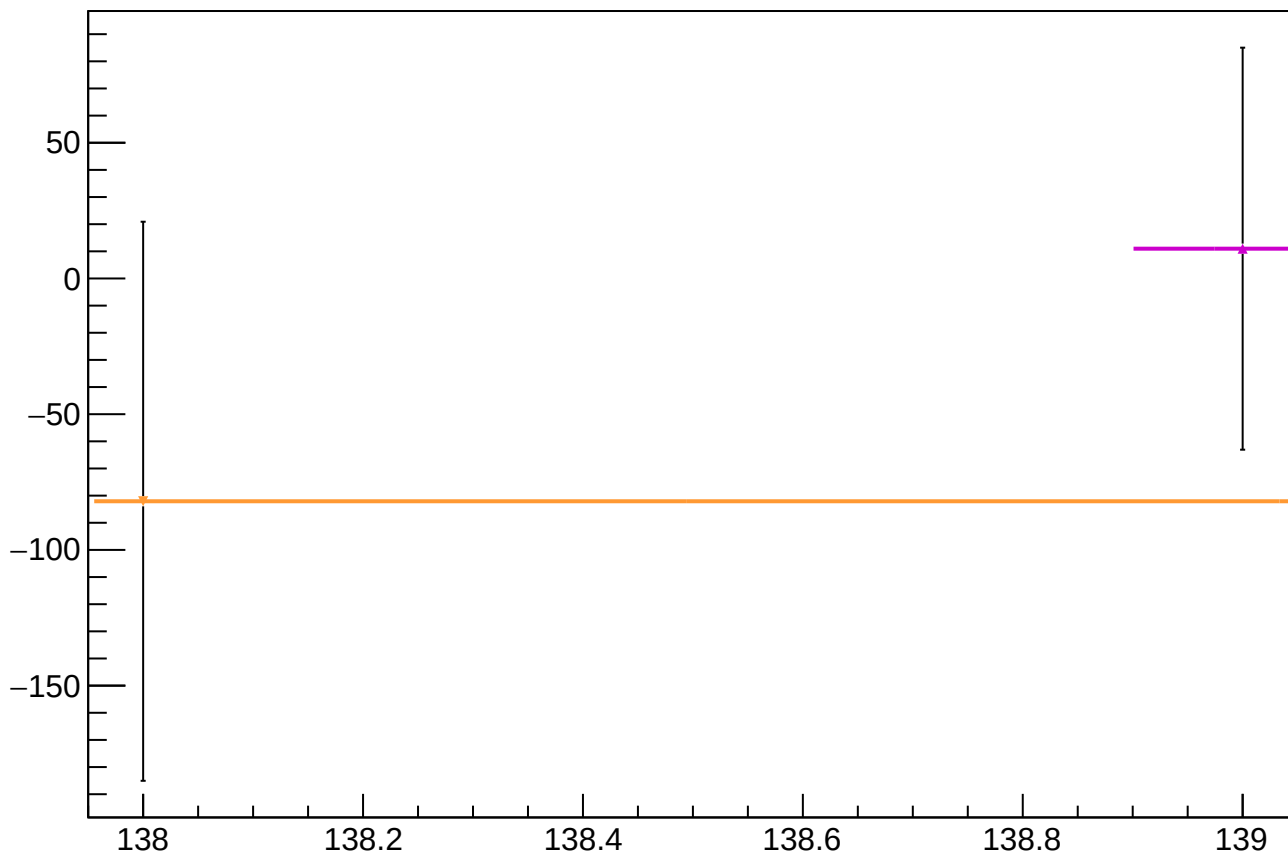
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 824.793+/-0.654 χ^2/NDF : 0.0/0

Out: 719.321+/-0.604 χ^2/NDF : 0.0/0

All: 767.842+/-0.444 χ^2/NDF : 14031.2/1

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: 10.976+/-74.053 χ^2/NDF : 0.0/0

Left: -20.740+/-60.123 χ^2/NDF : 0.5/1

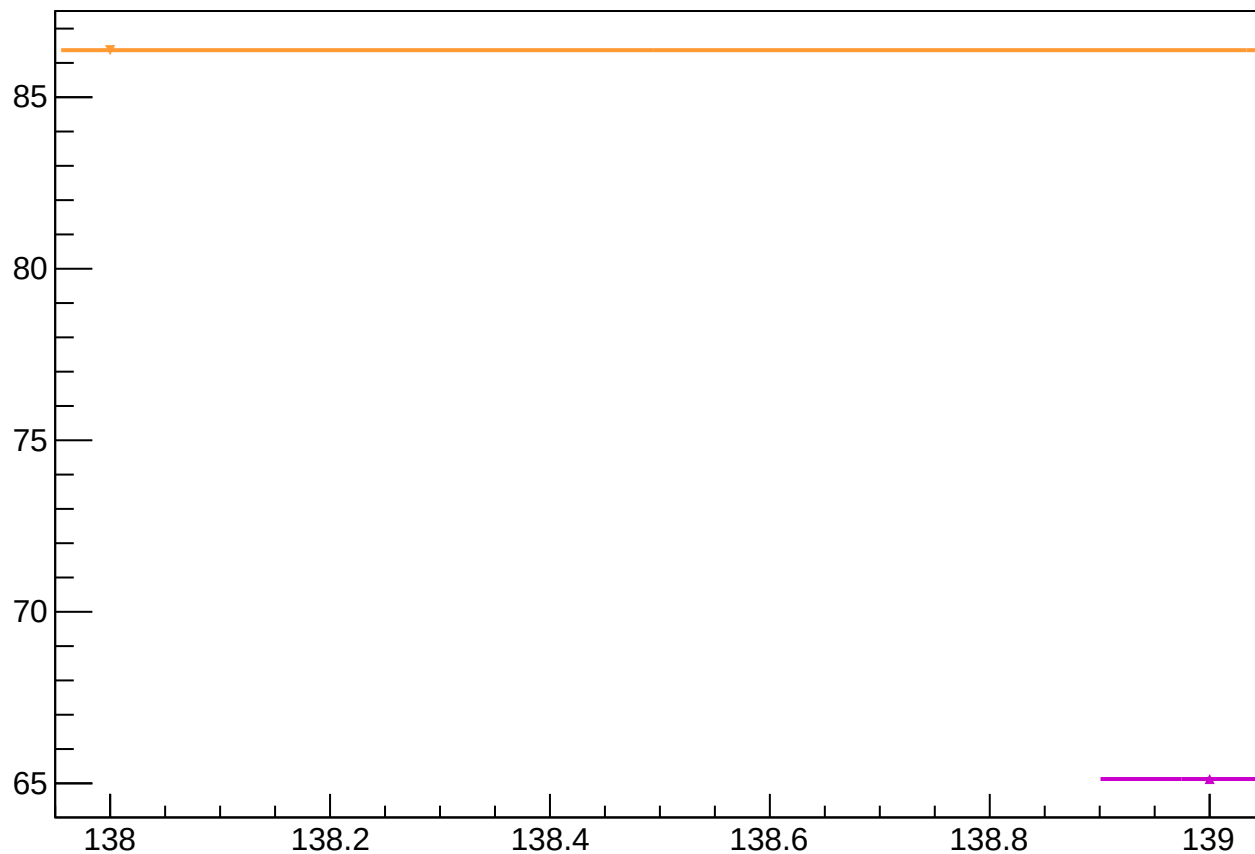
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.976+/-74.053 χ^2/NDF : 0.0/0

Out: -82.077+/-102.982 χ^2/NDF : 0.0/0

All: -20.740+/-60.123 χ^2/NDF : 0.5/1

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: 65.127+/-0.052 χ^2/NDF : 0.0/0

Left: 72.368+/-0.043 χ^2/NDF : 56104.1/1

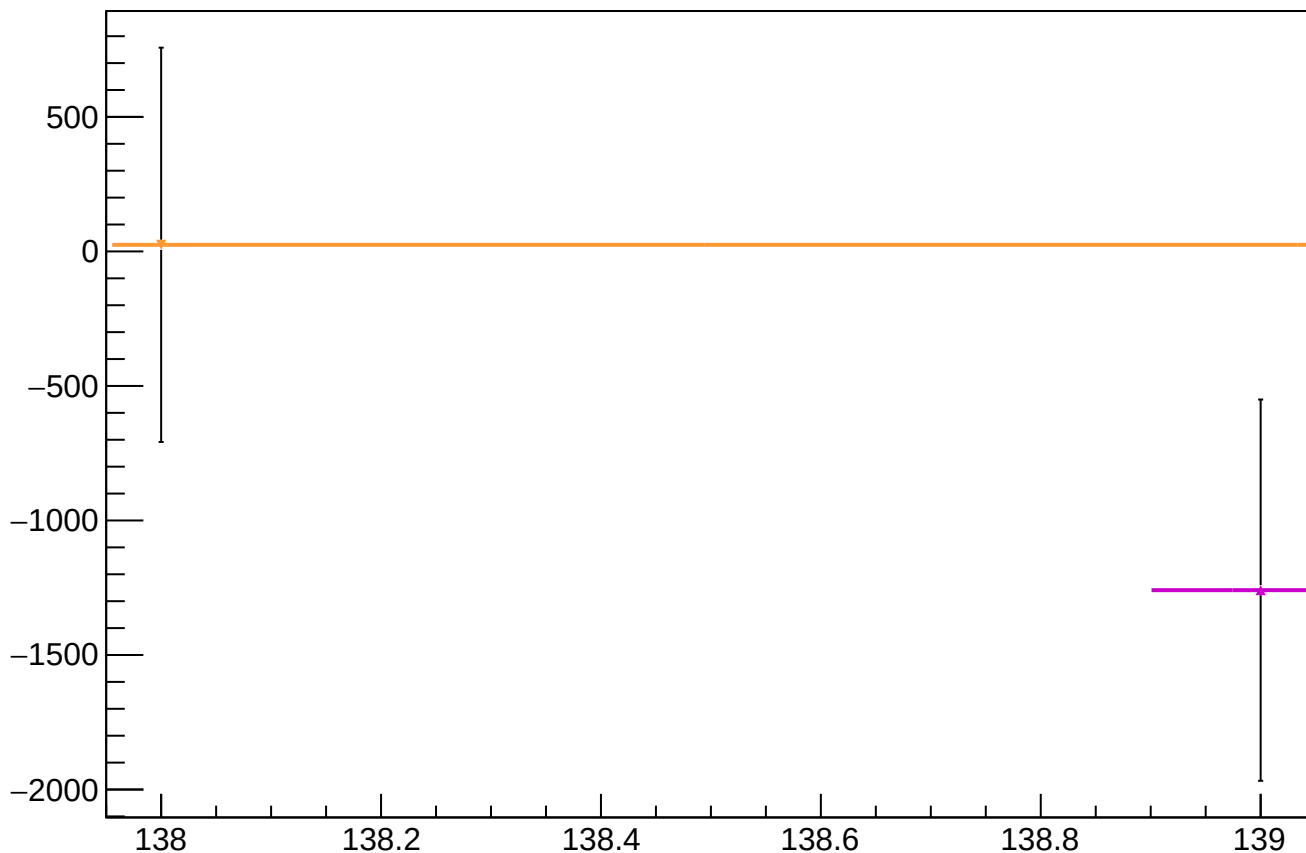
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.127+/-0.052 χ^2/NDF : 0.0/0

Out: 86.371+/-0.073 χ^2/NDF : 0.0/0

All: 72.368+/-0.043 χ^2/NDF : 56104.1/1

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: -1259.006+/-708.581 χ^2/NDF : 0.0/0

Left: -638.781+/-509.384 χ^2/NDF : 1.6/1

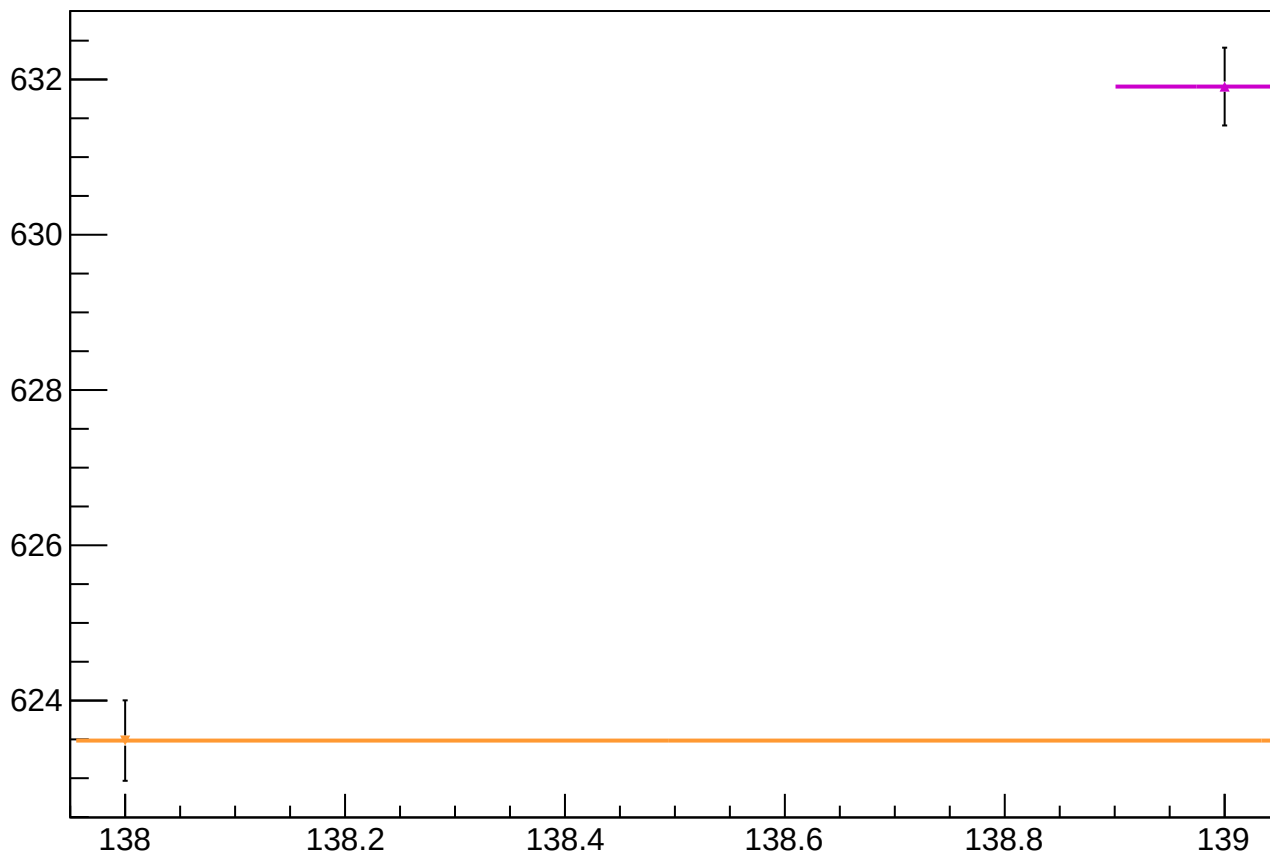
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1259.006+/-708.581 χ^2/NDF : 0.0/0

Out: 24.540+/-732.784 χ^2/NDF : 0.0/0

All: -638.781+/-509.384 χ^2/NDF : 1.6/1

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: 631.909+/-0.501 χ^2/NDF : 0.0/0

Left: 627.838+/-0.360 χ^2/NDF : 136.6/1

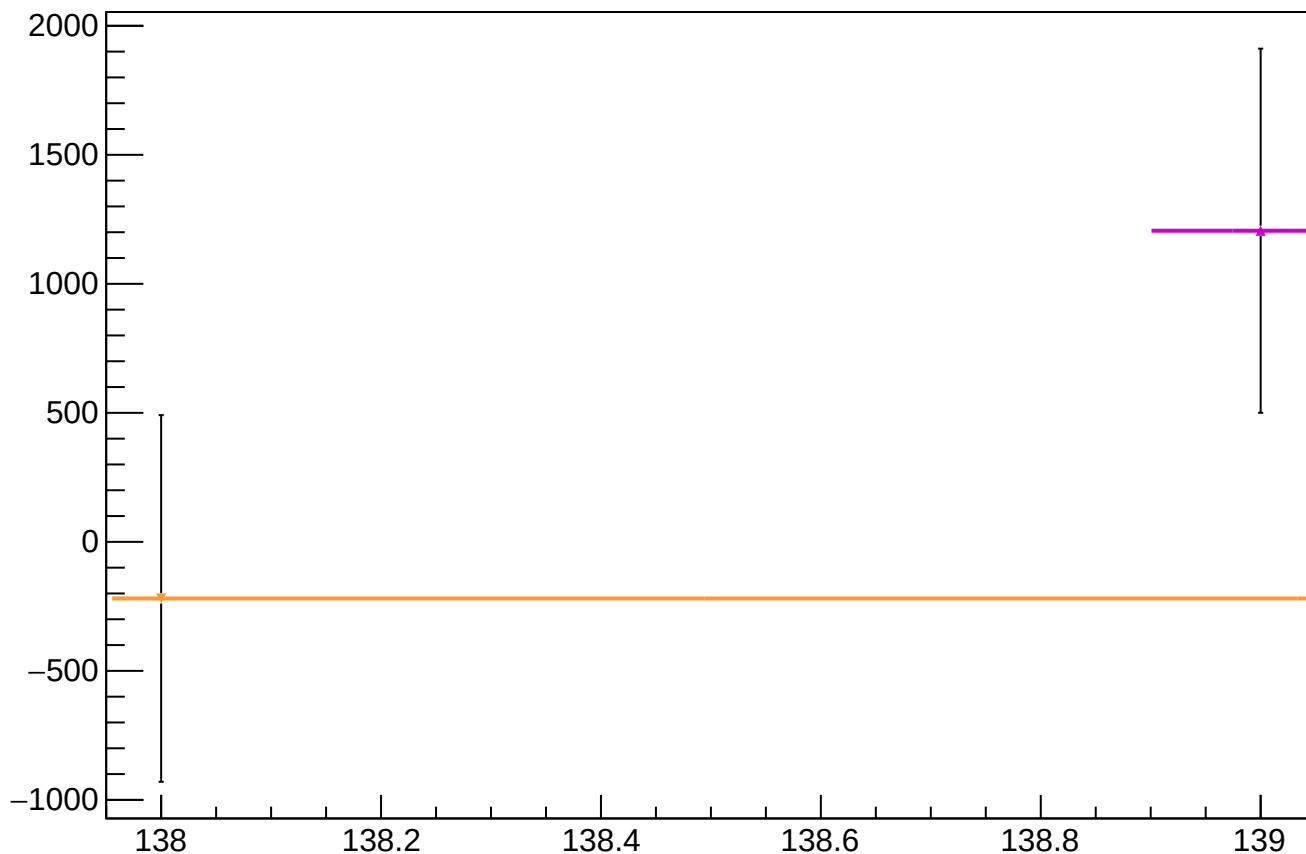
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 631.909+/-0.501 χ^2/NDF : 0.0/0

Out: 623.485+/-0.518 χ^2/NDF : 0.0/0

All: 627.838+/-0.360 χ^2/NDF : 136.6/1

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -219.315 $\pm$ 710.592 χ^2 /NDF:0.0/0

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

Left In: 1205.778 $\pm$ 705.627 χ^2 /NDF:0.0/0

Left: 498.227 $\pm$ 500.700 χ^2 /NDF: 2.0/1

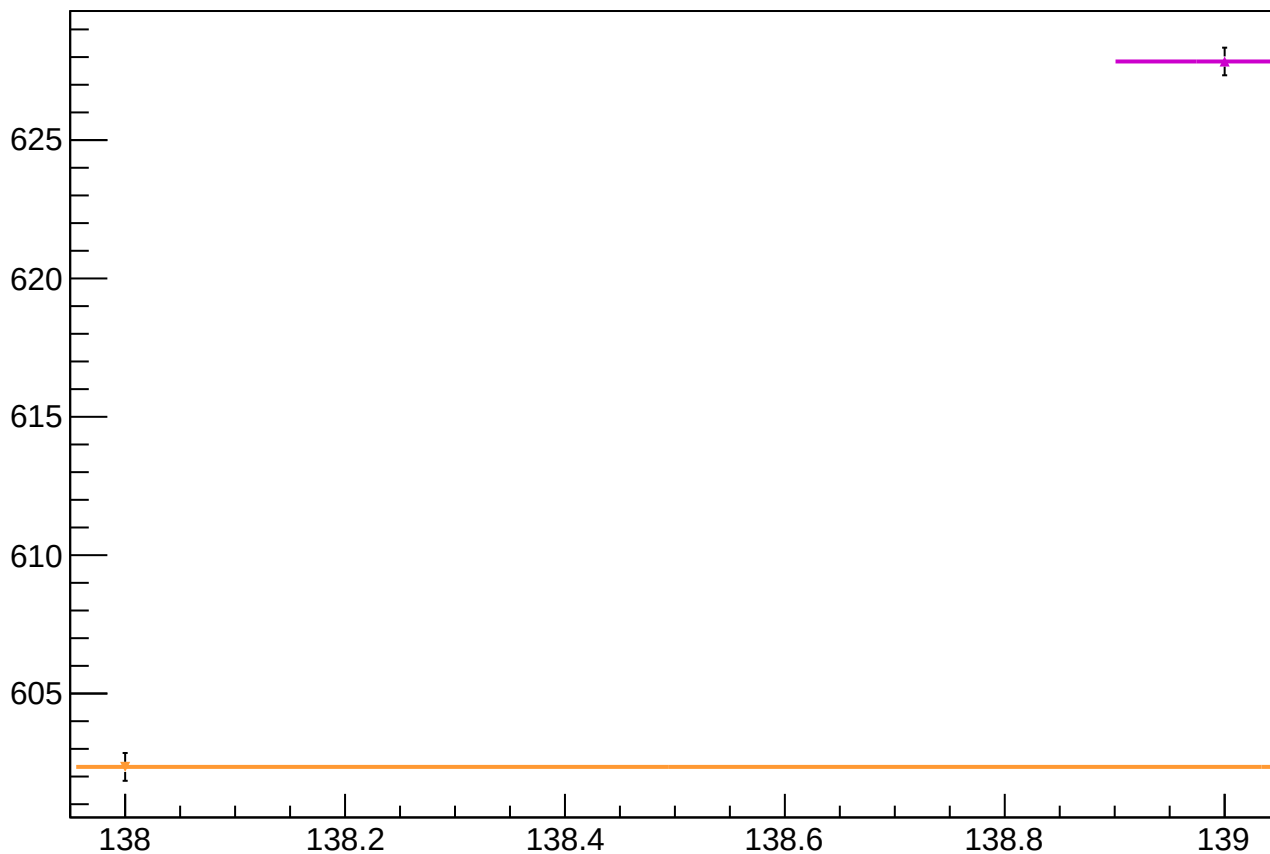
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1205.778 $\pm$ 705.627 χ^2 /NDF:0.0/0

Out: -219.315 $\pm$ 710.592 χ^2 /NDF:0.0/0

All: 498.227 $\pm$ 500.700 χ^2 /NDF: 2.0/1

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: 627.841+/-0.499 χ^2/NDF : 0.0/0

Left: 615.184+/-0.354 χ^2/NDF : 1296.1/1

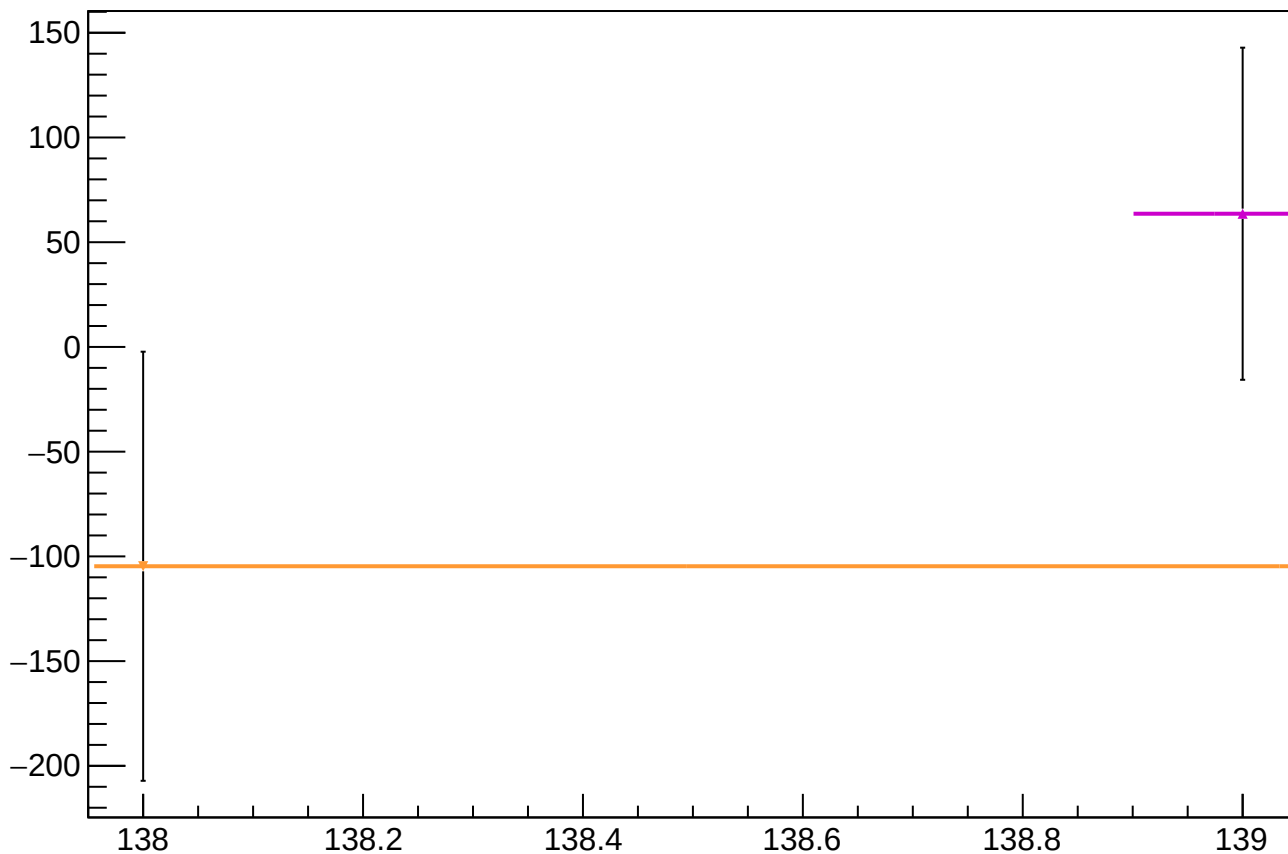
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 627.841+/-0.499 χ^2/NDF : 0.0/0

Out: 602.349+/-0.502 χ^2/NDF : 0.0/0

All: 615.184+/-0.354 χ^2/NDF : 1296.1/1

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -104.707 ± 102.434 $\chi^2/\text{NDF}: 0.0/0$

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

Left In: 63.599 ± 79.282 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.546 ± 62.697 $\chi^2/\text{NDF}: 1.7/1$

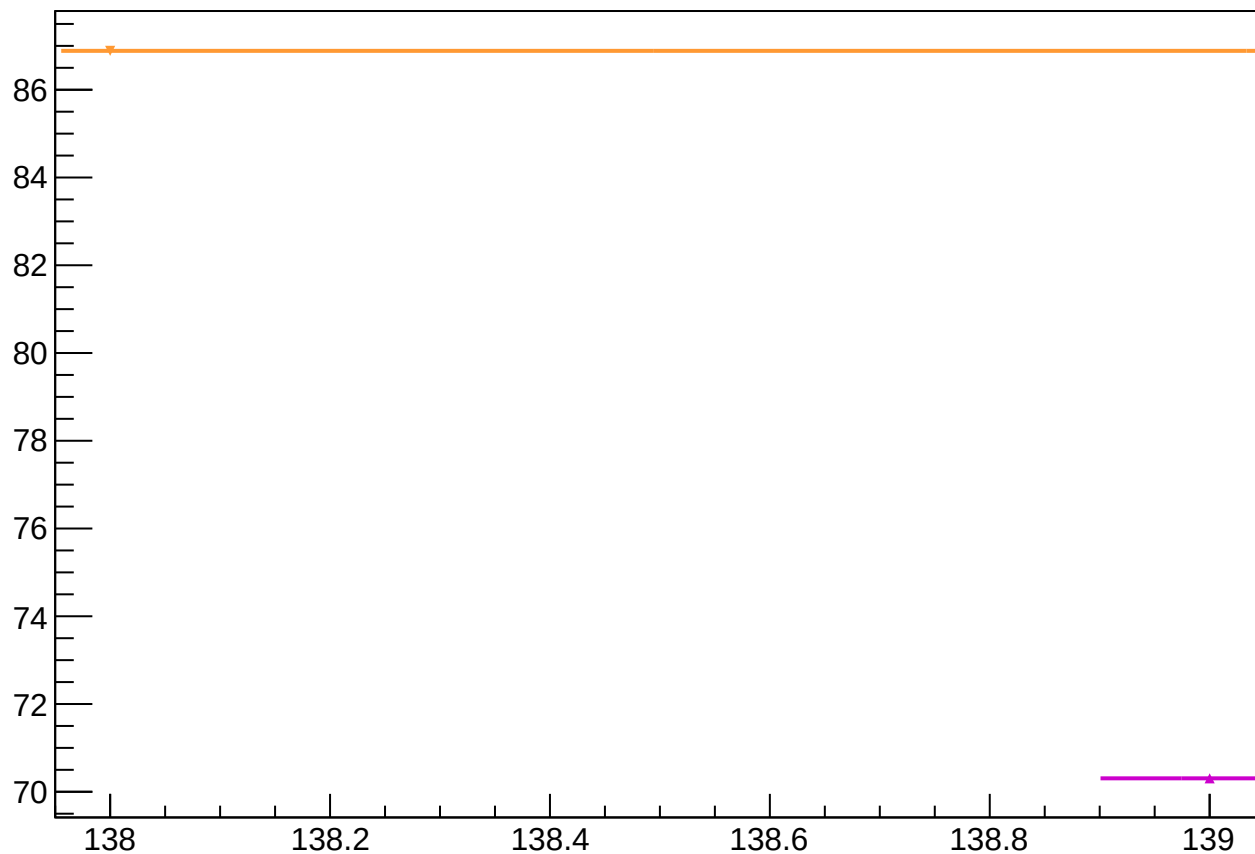
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 63.599 ± 79.282 $\chi^2/\text{NDF}: 0.0/0$

Out: -104.707 ± 102.434 $\chi^2/\text{NDF}: 0.0/0$

All: 0.546 ± 62.697 $\chi^2/\text{NDF}: 1.7/1$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 86.887+/-0.072 χ^2/NDF : 0.0/0

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

Left In: 70.306+/-0.056 χ^2/NDF : 0.0/0

Left: 76.518+/-0.044 χ^2/NDF : 32770.8/1

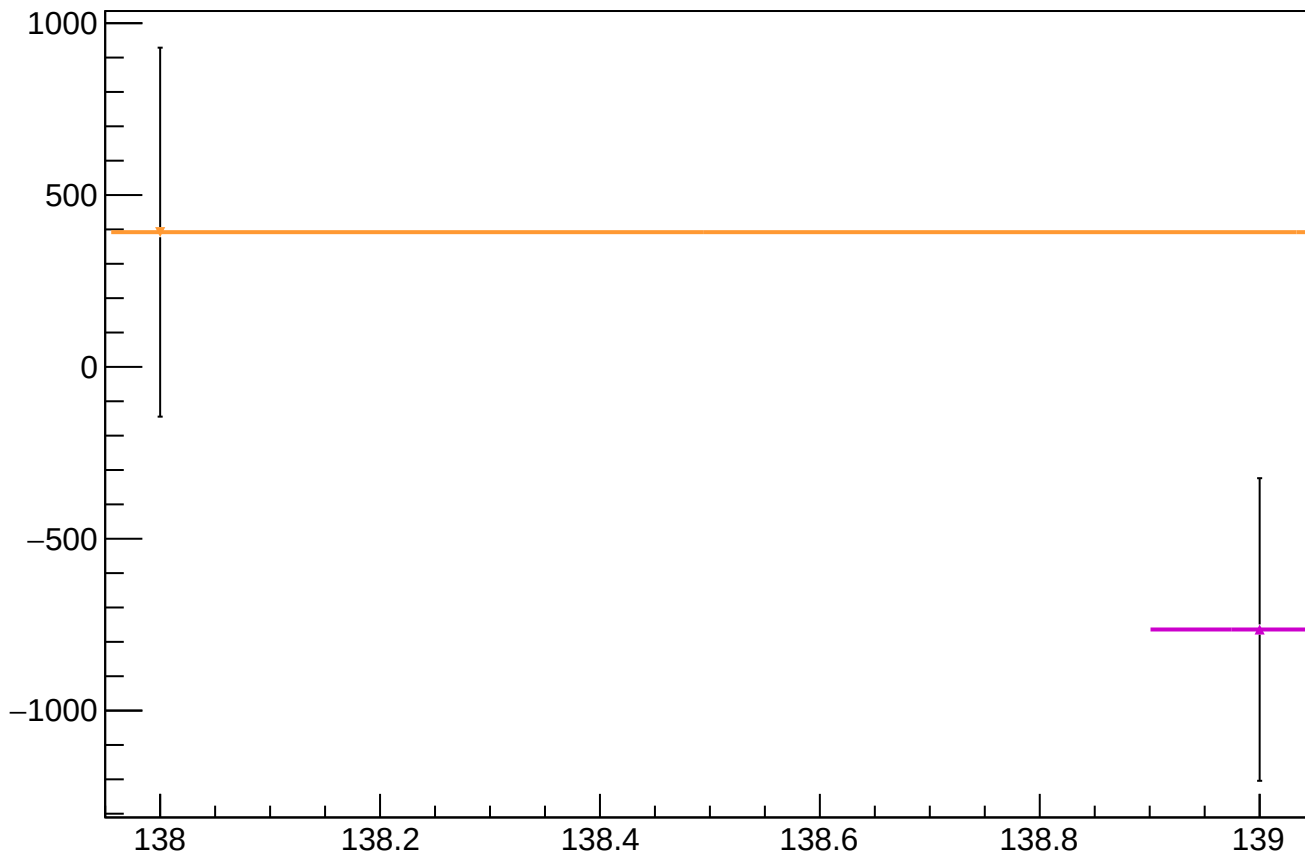
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.306+/-0.056 χ^2/NDF : 0.0/0

Out: 86.887+/-0.072 χ^2/NDF : 0.0/0

All: 76.518+/-0.044 χ^2/NDF : 32770.8/1

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: -764.031+/-440.230 χ^2/NDF : 0.0/0

Left: -299.145+/-340.394 χ^2/NDF : 2.8/1

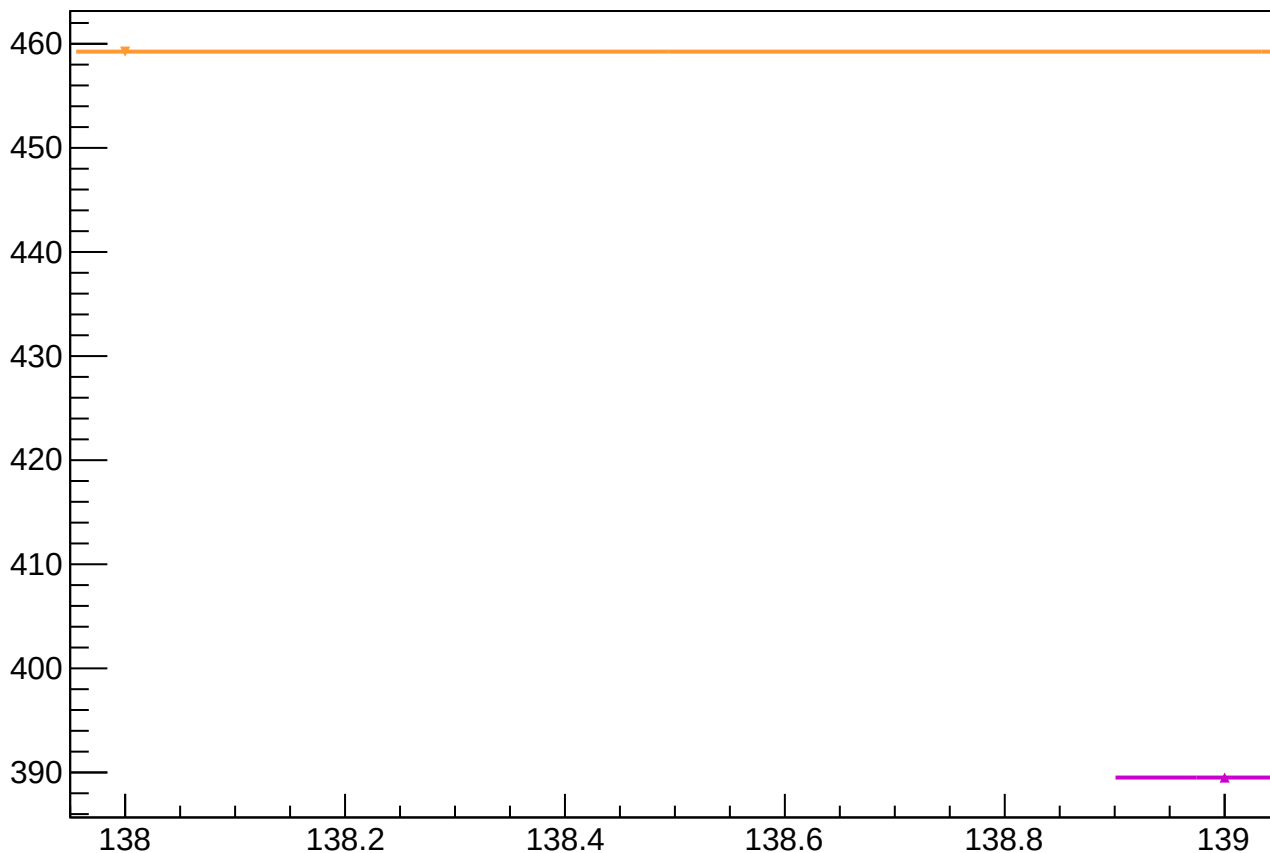
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -764.031+/-440.230 χ^2/NDF : 0.0/0

Out: 392.019+/-536.780 χ^2/NDF : 0.0/0

All: -299.145+/-340.394 χ^2/NDF : 2.8/1

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: 389.510+/-0.311 χ^2/NDF : 0.0/0

Left: 417.554+/-0.241 χ^2/NDF : 20183.0/1

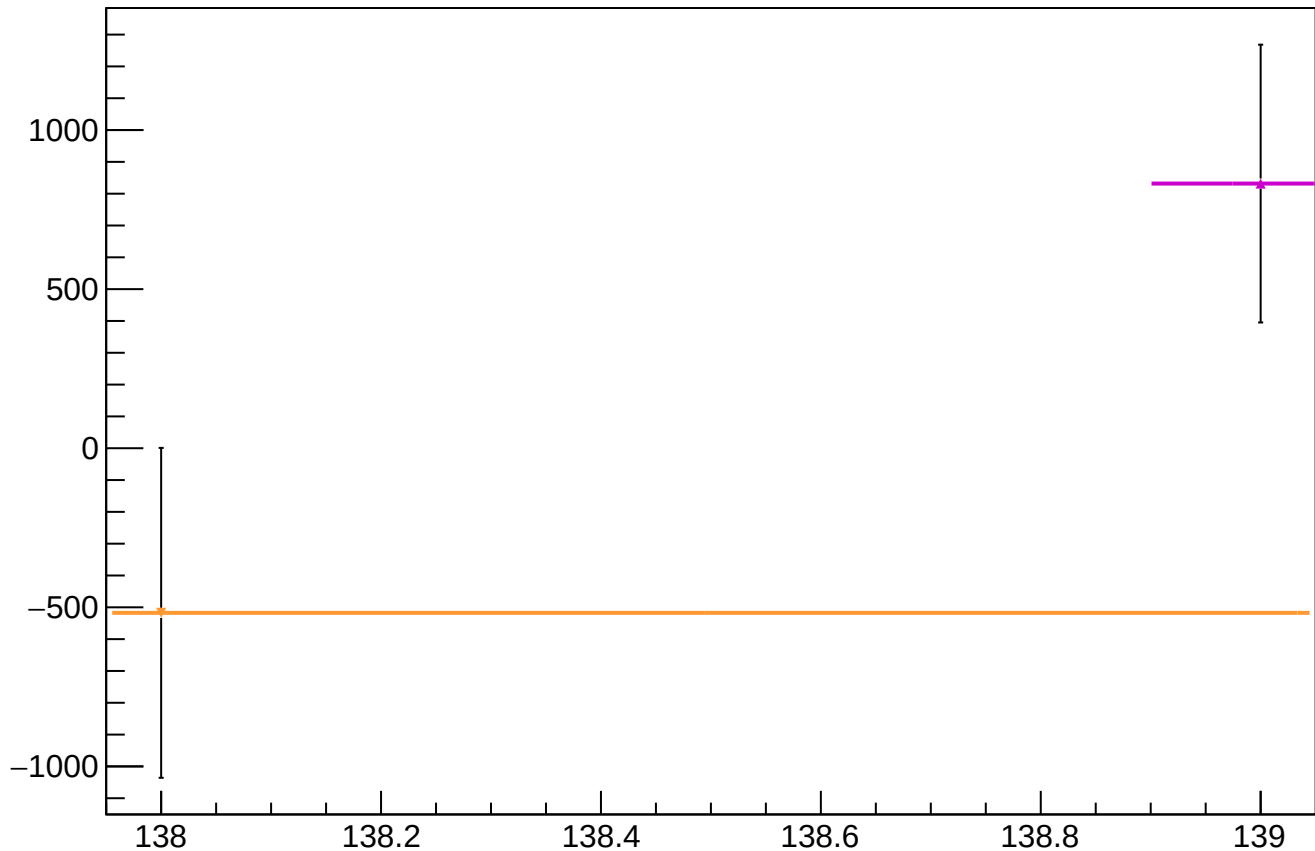
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 389.510+/-0.311 χ^2/NDF : 0.0/0

Out: 459.249+/-0.380 χ^2/NDF : 0.0/0

All: 417.554+/-0.241 χ^2/NDF : 20183.0/1

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: 831.789+/-436.542 χ^2/NDF : 0.0/0

Left: 272.045+/-333.924 χ^2/NDF : 4.0/1

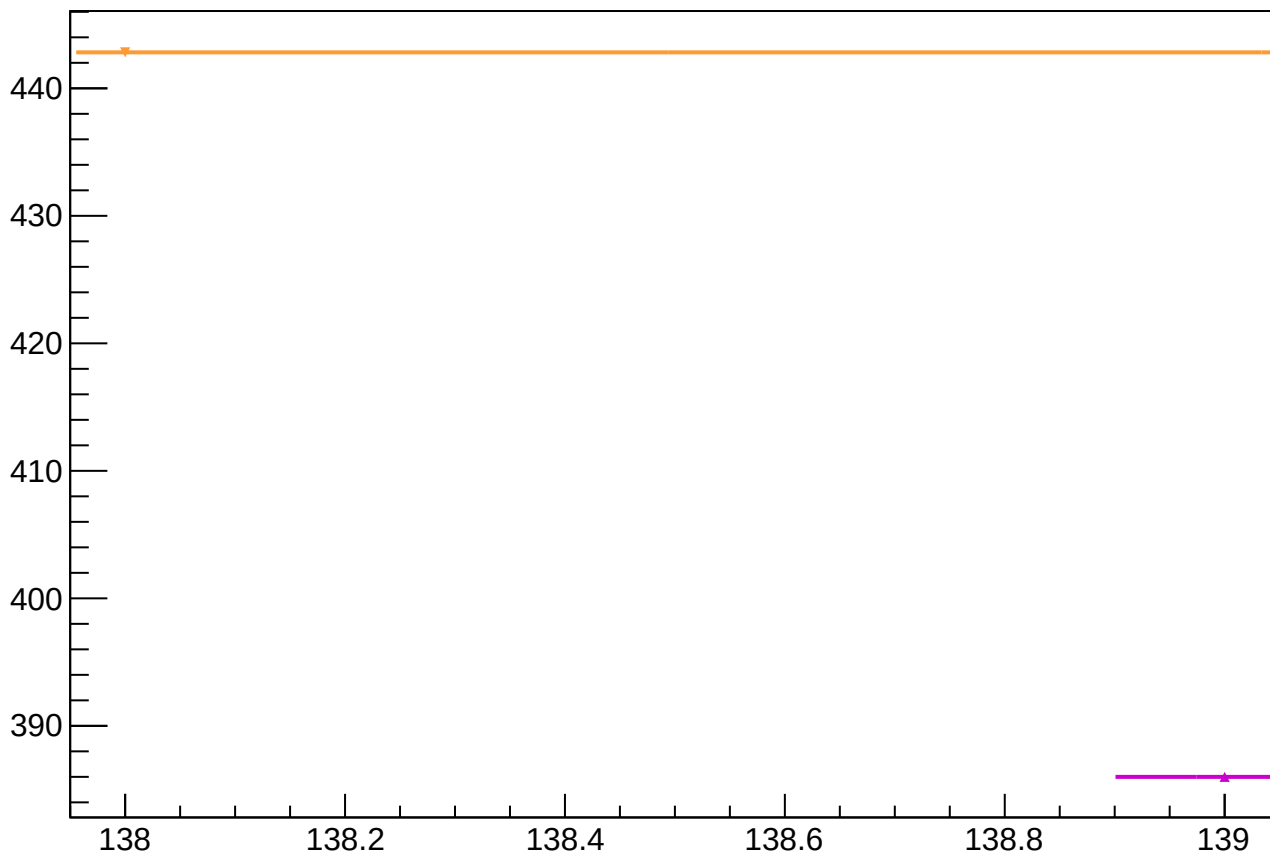
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 831.789+/-436.542 χ^2/NDF : 0.0/0

Out: -517.375+/-518.424 χ^2/NDF : 0.0/0

All: 272.045+/-333.924 χ^2/NDF : 4.0/1

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: 386.000+/-0.309 χ^2/NDF : 0.0/0

Left: 409.574+/-0.236 χ^2/NDF : 14058.6/1

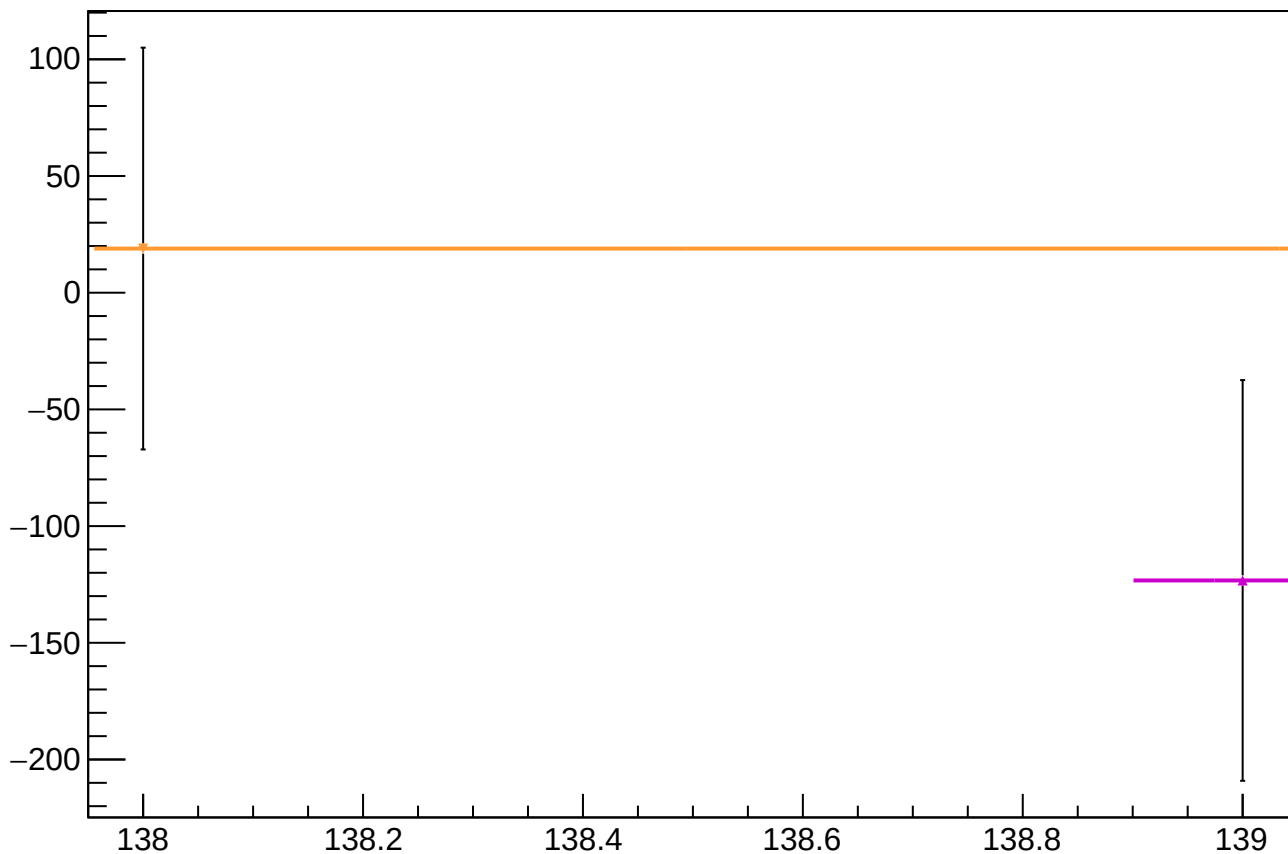
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 386.000+/-0.309 χ^2/NDF : 0.0/0

Out: 442.822+/-0.367 χ^2/NDF : 0.0/0

All: 409.574+/-0.236 χ^2/NDF : 14058.6/1

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: -123.284+/-85.844 χ^2/NDF : 0.0/0

Left: -52.379+/-60.783 χ^2/NDF : 1.4/1

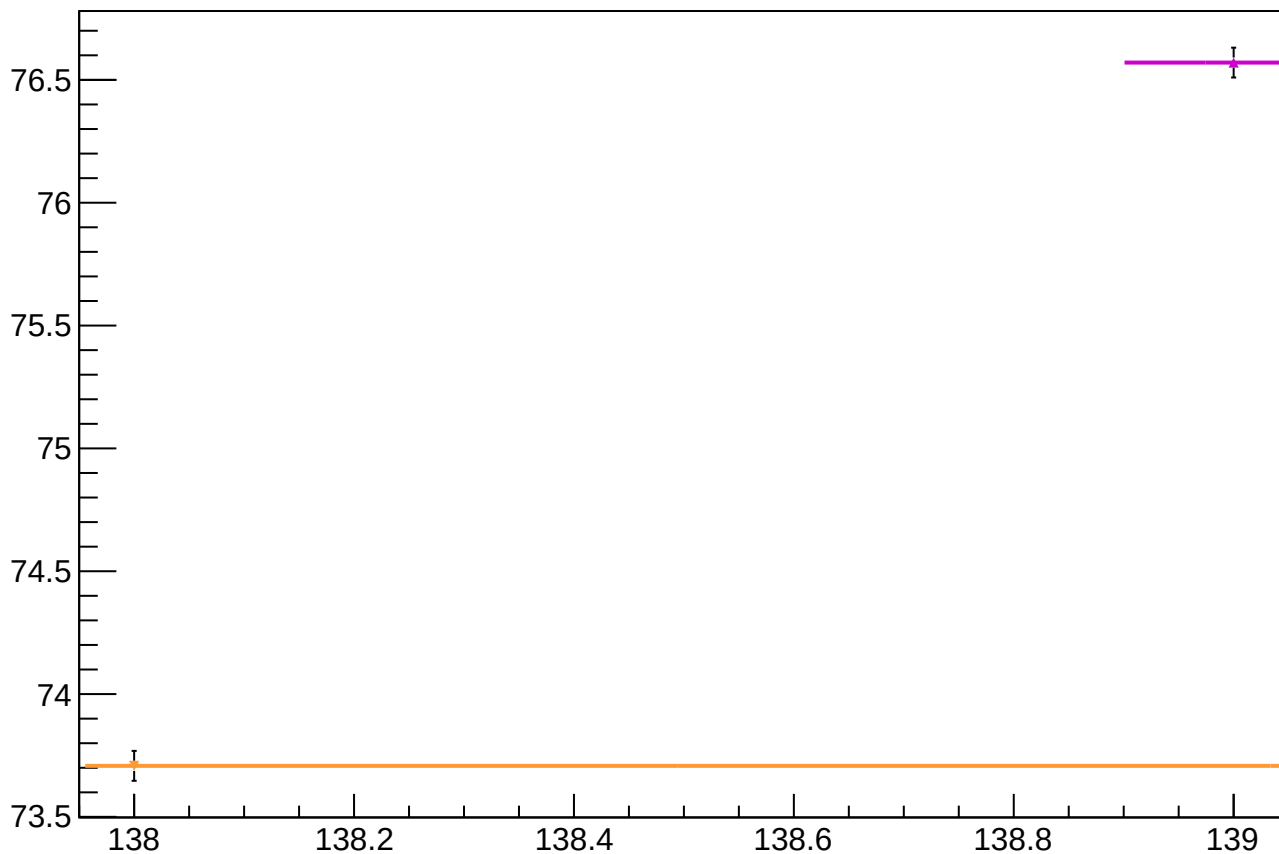
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -123.284+/-85.844 χ^2/NDF : 0.0/0

Out: 18.911+/-86.076 χ^2/NDF : 0.0/0

All: -52.379+/-60.783 χ^2/NDF : 1.4/1

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: 76.570 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Left: 75.143 $\pm$ 0.043 χ^2 /NDF: 1109.0/1

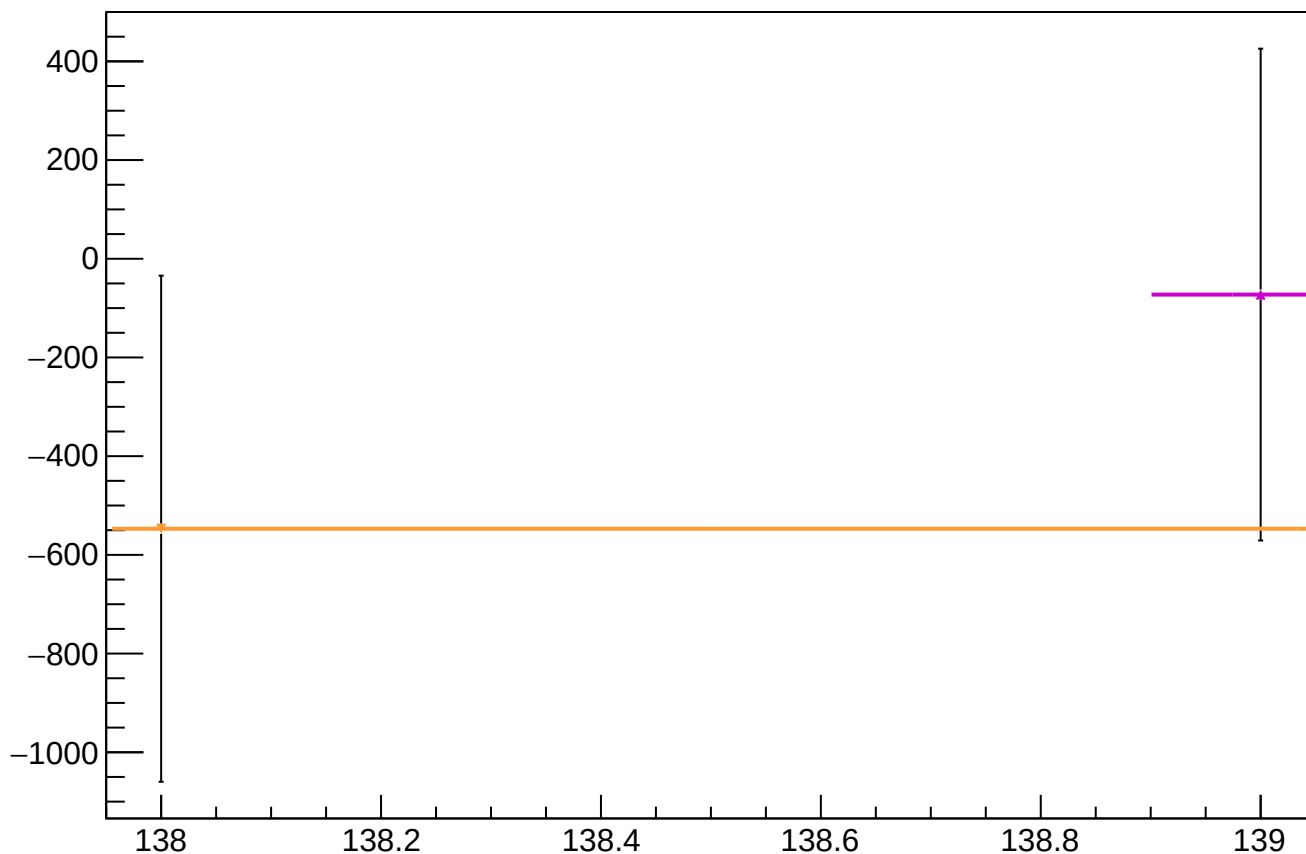
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 76.570 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Out: 73.708 $\pm$ 0.061 χ^2 /NDF: 0.0/0

All: 75.143 $\pm$ 0.043 χ^2 /NDF: 1109.0/1

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: -72.571+/-498.277 χ^2/NDF : 0.0/0

Left: -302.988+/-357.358 χ^2/NDF : 0.4/1

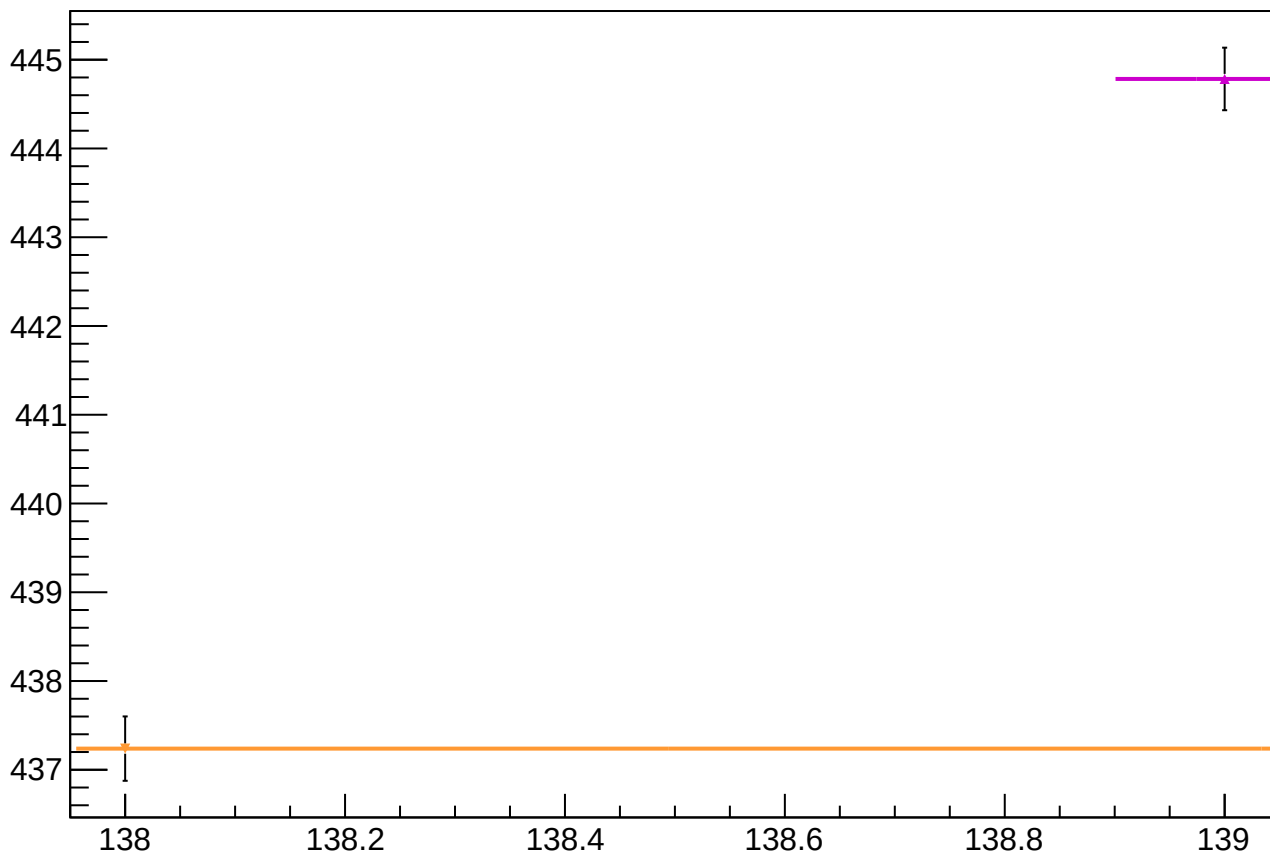
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -72.571+/-498.277 χ^2/NDF : 0.0/0

Out: -547.029+/-512.798 χ^2/NDF : 0.0/0

All: -302.988+/-357.358 χ^2/NDF : 0.4/1

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 437.238+/-0.363 χ^2/NDF : 0.0/0

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

Left In: 444.783+/-0.352 χ^2/NDF : 0.0/0

Left: 441.119+/-0.253 χ^2/NDF : 222.7/1

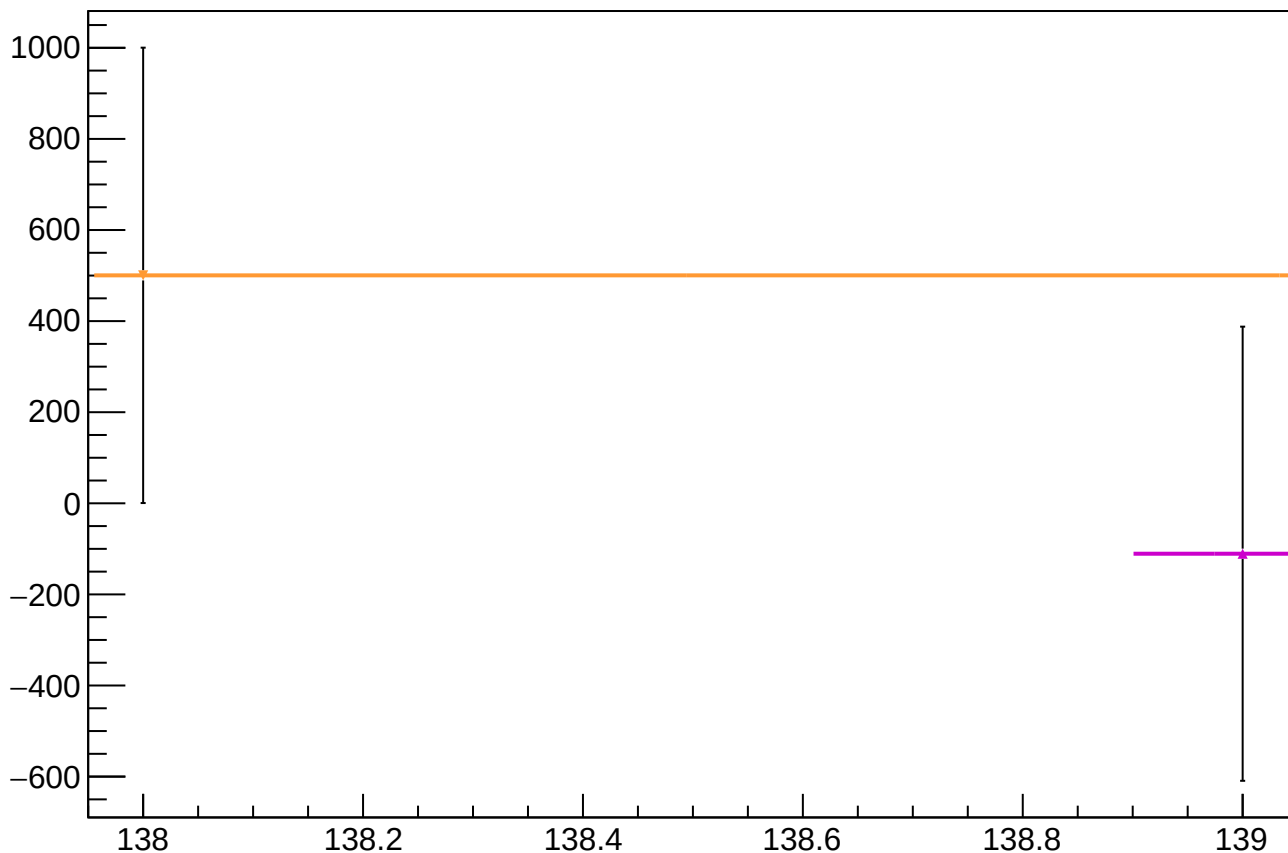
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 444.783+/-0.352 χ^2/NDF : 0.0/0

Out: 437.238+/-0.363 χ^2/NDF : 0.0/0

All: 441.119+/-0.253 χ^2/NDF : 222.7/1

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 500.448 ± 499.876 $\chi^2/NDF: 0.0/0$

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

Left In: -110.694 ± 498.533 $\chi^2/NDF: 0.0/0$

Left: 194.055 ± 352.990 $\chi^2/NDF: 0.7/1$

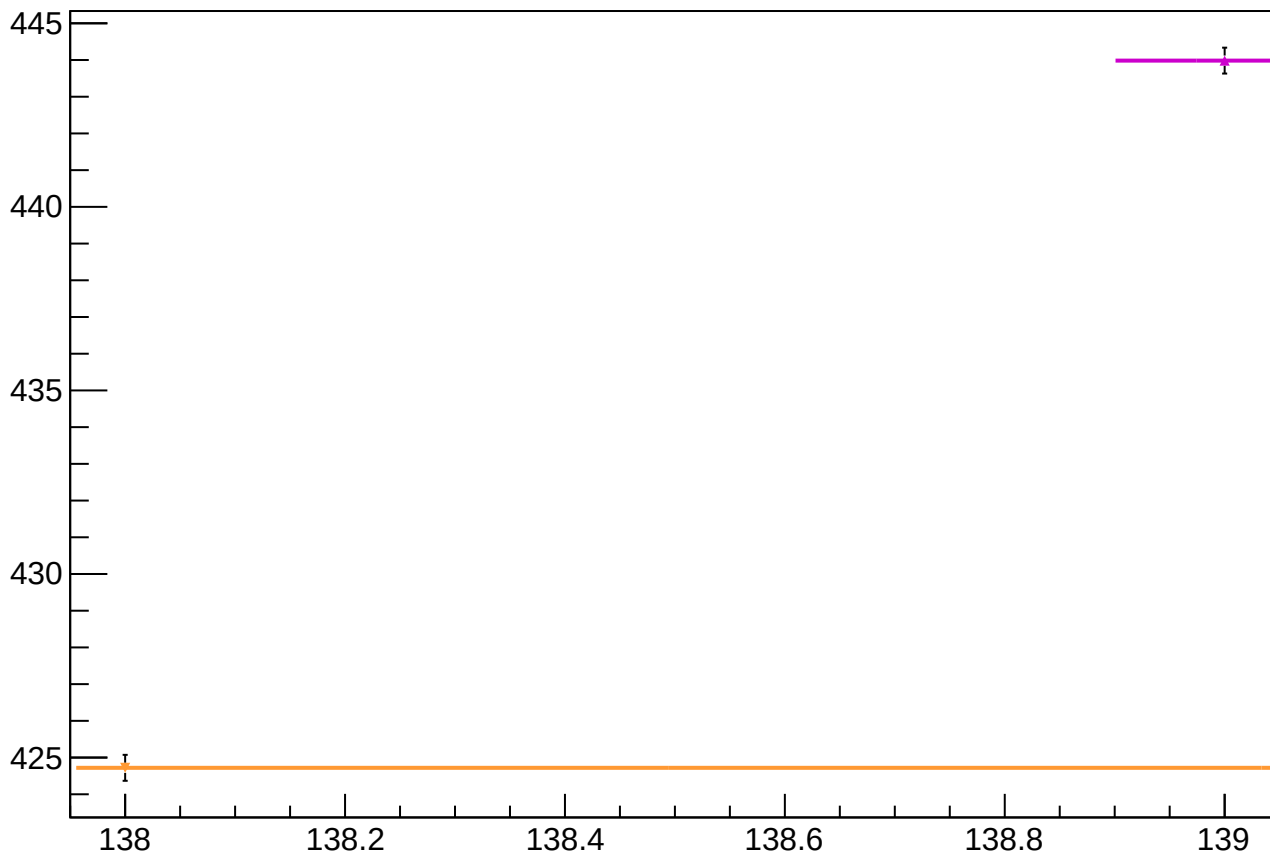
Right: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

In: -110.694 ± 498.533 $\chi^2/NDF: 0.0/0$

Out: 500.448 ± 499.876 $\chi^2/NDF: 0.0/0$

All: 194.055 ± 352.990 $\chi^2/NDF: 0.7/1$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 424.721+/-0.353 χ^2/NDF : 0.0/0

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

Left In: 443.983+/-0.353 χ^2/NDF : 0.0/0

Left: 434.378+/-0.250 χ^2/NDF : 1489.0/1

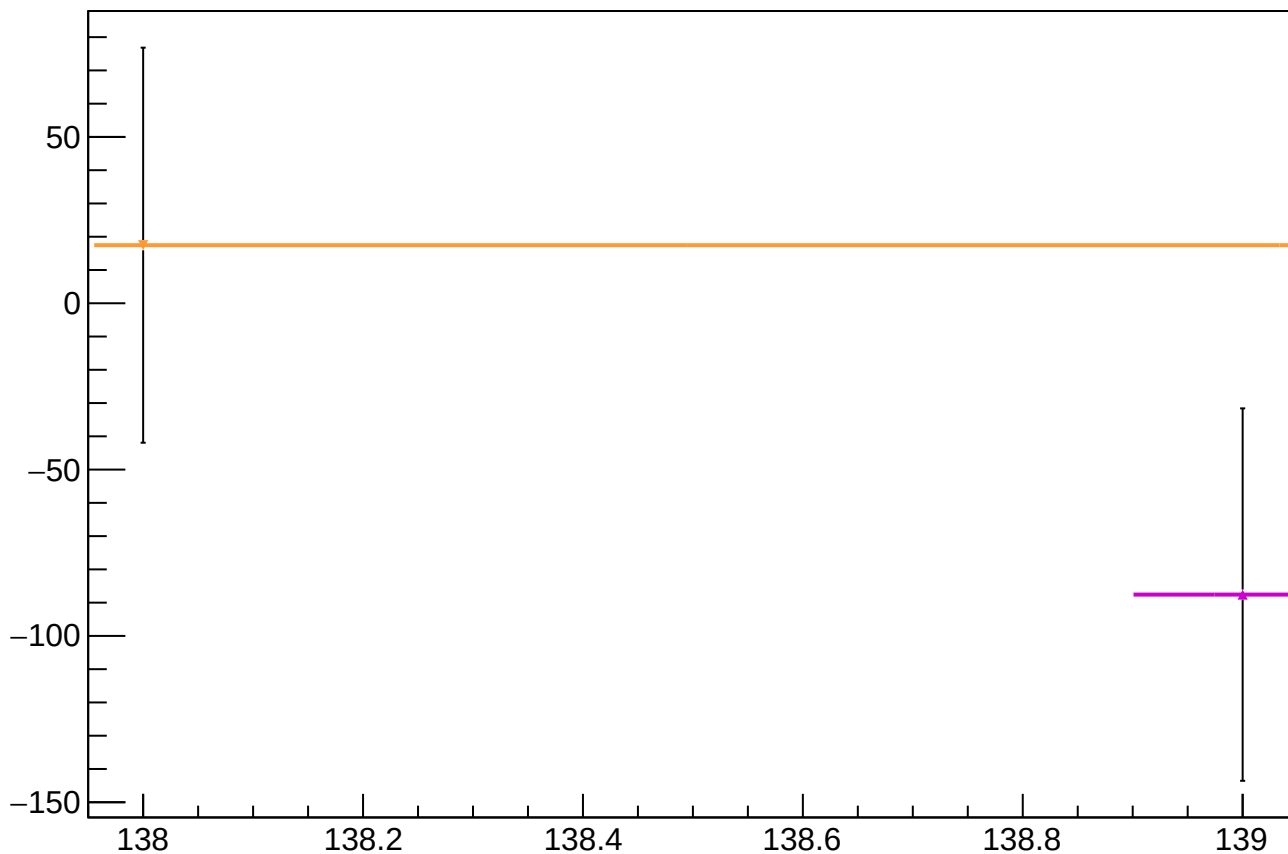
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.983+/-0.353 χ^2/NDF : 0.0/0

Out: 424.721+/-0.353 χ^2/NDF : 0.0/0

All: 434.378+/-0.250 χ^2/NDF : 1489.0/1

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: -87.576+/-55.977 χ^2/NDF : 0.0/0

Left: -38.153+/-40.731 χ^2/NDF : 1.7/1

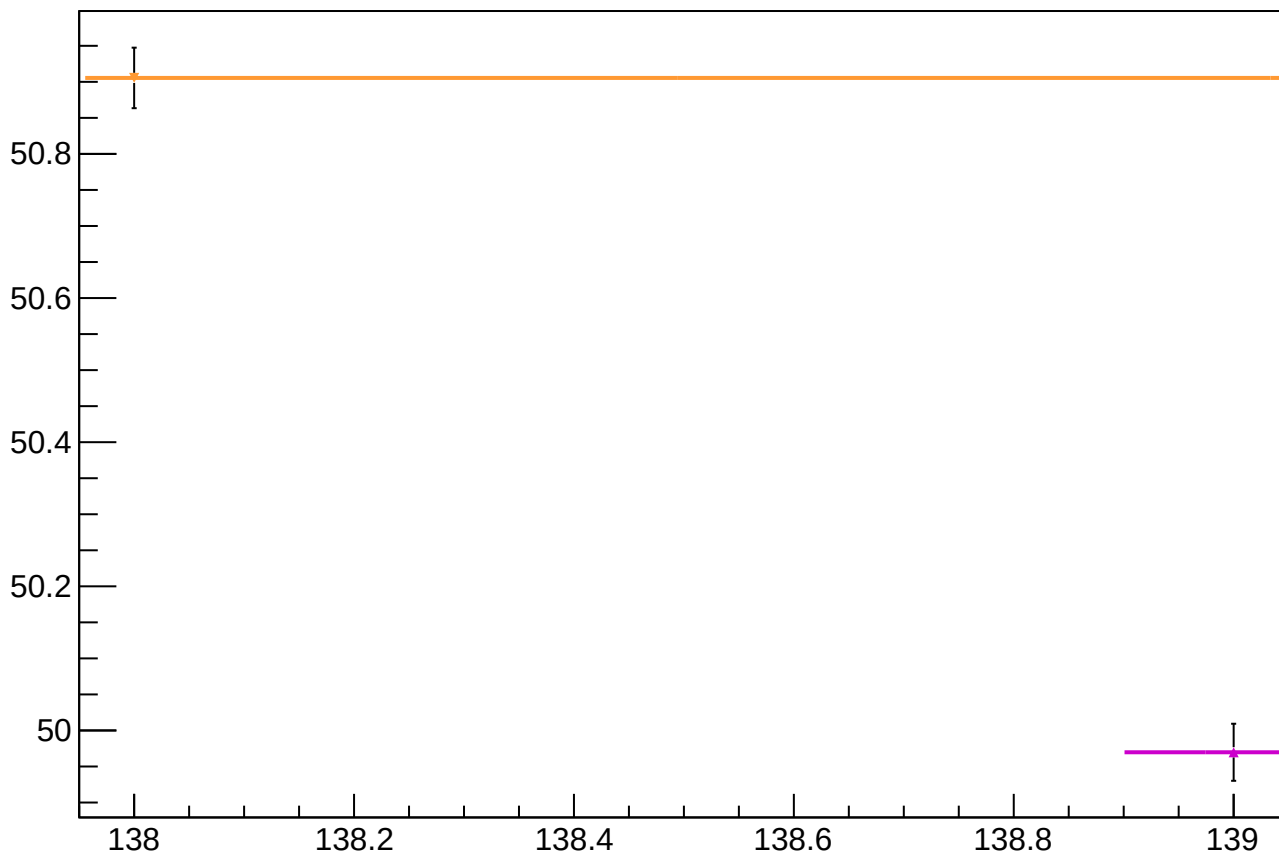
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.576+/-55.977 χ^2/NDF : 0.0/0

Out: 17.458+/-59.378 χ^2/NDF : 0.0/0

All: -38.153+/-40.731 χ^2/NDF : 1.7/1

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 50.905+/-0.042 χ^2/NDF : 0.0/0

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

Left In: 49.970+/-0.040 χ^2/NDF : 0.0/0

Left: 50.410+/-0.029 χ^2/NDF : 263.0/1

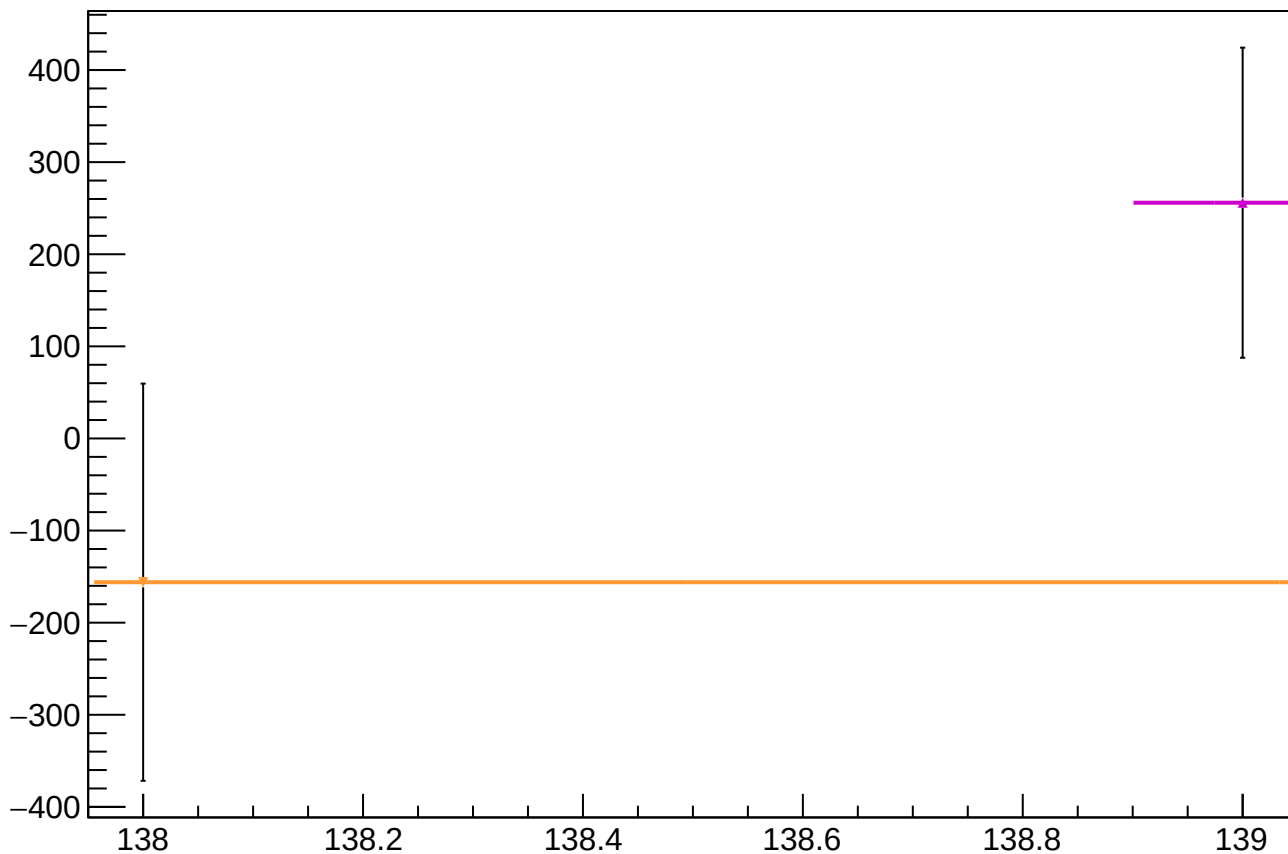
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.970+/-0.040 χ^2/NDF : 0.0/0

Out: 50.905+/-0.042 χ^2/NDF : 0.0/0

All: 50.410+/-0.029 χ^2/NDF : 263.0/1

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: 255.939+/-168.335 χ^2/NDF : 0.0/0

Left: 99.915+/-132.686 χ^2/NDF : 2.3/1

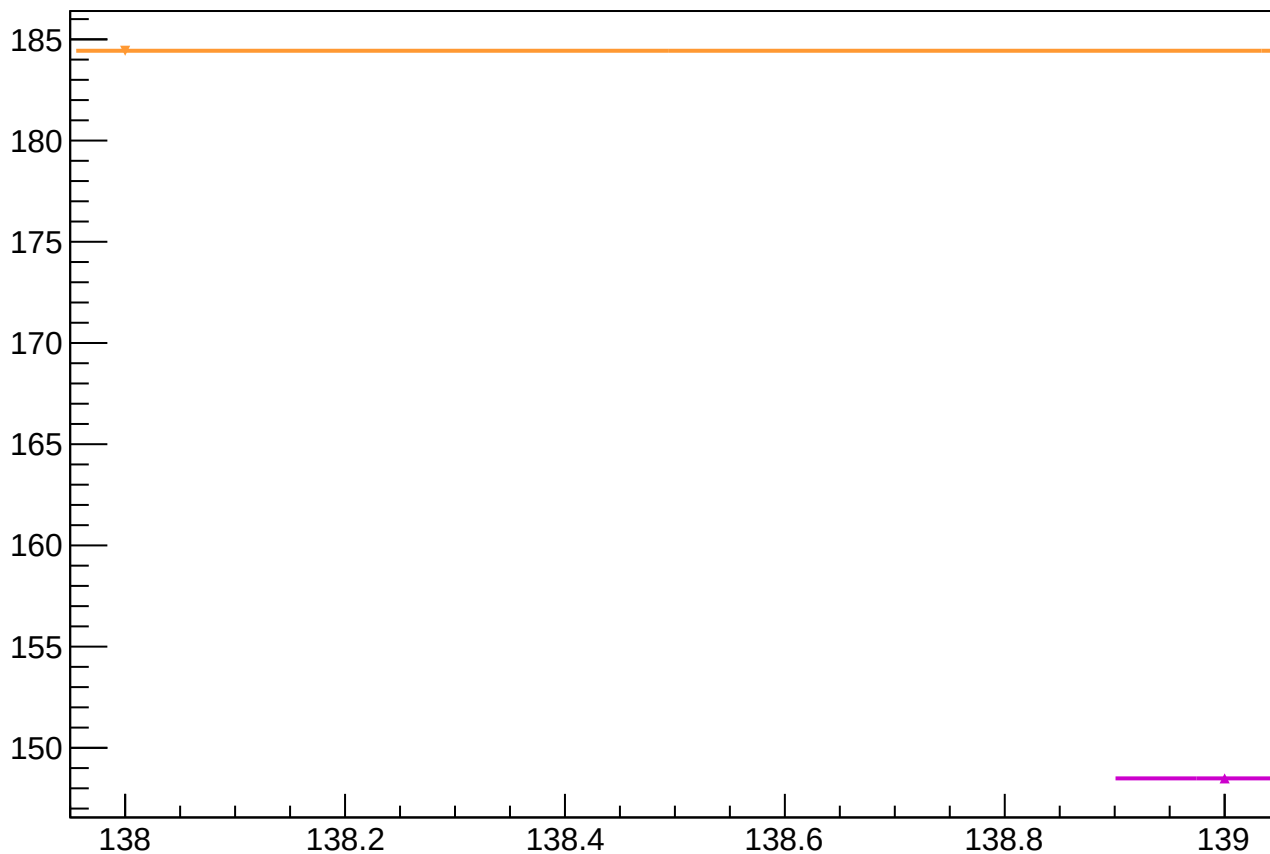
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 255.939+/-168.335 χ^2/NDF : 0.0/0

Out: -156.062+/-215.615 χ^2/NDF : 0.0/0

All: 99.915+/-132.686 χ^2/NDF : 2.3/1

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 184.437+/-0.152 χ^2/NDF : 0.0/0

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

Left In: 148.491+/-0.119 χ^2/NDF : 0.0/0

Left: 162.103+/-0.094 χ^2/NDF : 34536.1/1

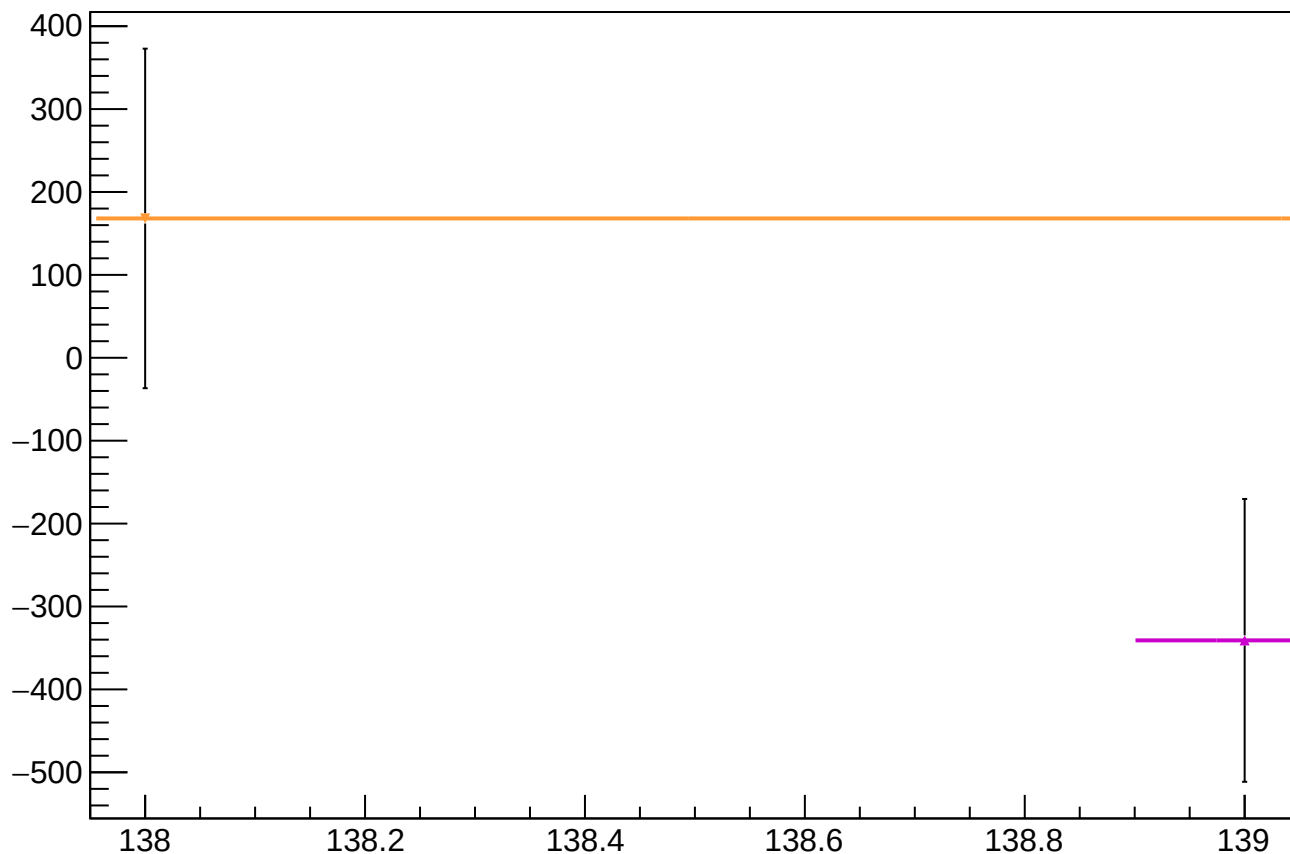
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 148.491+/-0.119 χ^2/NDF : 0.0/0

Out: 184.437+/-0.152 χ^2/NDF : 0.0/0

All: 162.103+/-0.094 χ^2/NDF : 34536.1/1

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left Out: 168.090+/-204.783 $\chi^2/NDF: 0.0/0$

Right Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left In: -340.872+/-170.591 $\chi^2/NDF: 0.0/0$

Left: -132.370+/-131.071 $\chi^2/NDF: 3.6/1$

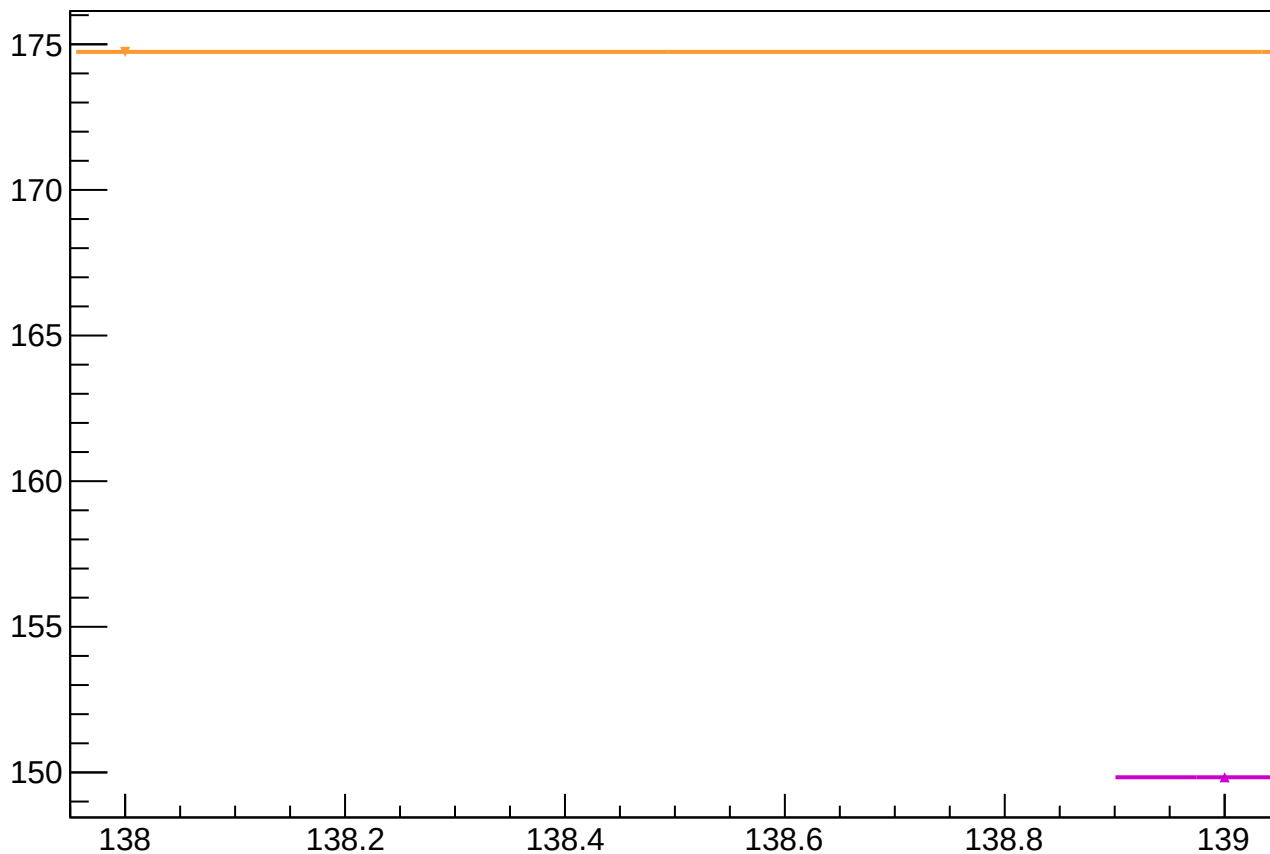
Right: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

In: -340.872+/-170.591 $\chi^2/NDF: 0.0/0$

Out: 168.090+/-204.783 $\chi^2/NDF: 0.0/0$

All: -132.370+/-131.071 $\chi^2/NDF: 3.6/1$

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 174.739+/-0.145 χ^2/NDF : 0.0/0

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

Left In: 149.833+/-0.121 χ^2/NDF : 0.0/0

Left: 160.036+/-0.093 χ^2/NDF : 17464.1/1

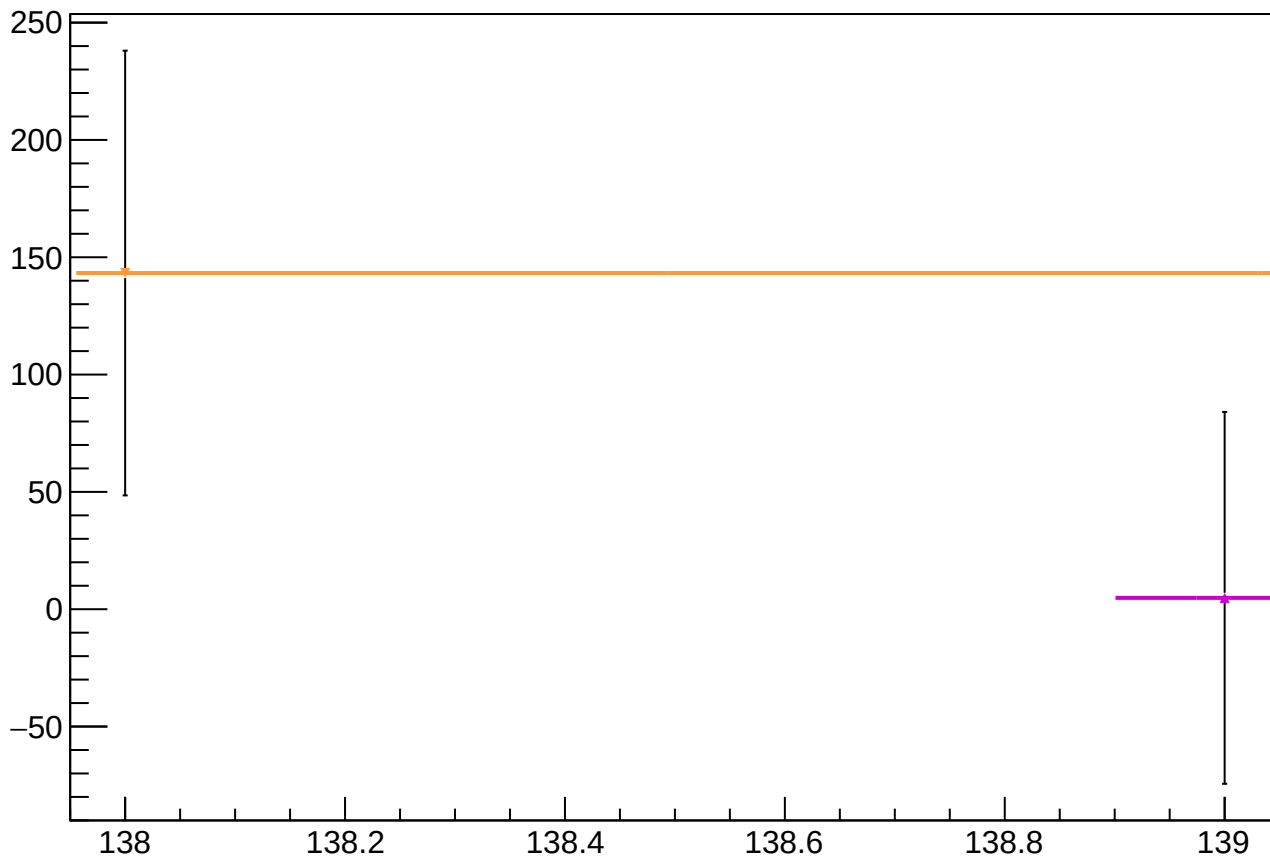
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 149.833+/-0.121 χ^2/NDF : 0.0/0

Out: 174.739+/-0.145 χ^2/NDF : 0.0/0

All: 160.036+/-0.093 χ^2/NDF : 17464.1/1

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: 4.836+/-79.241 χ^2/NDF : 0.0/0

Left: 61.798+/-60.790 χ^2/NDF : 1.3/1

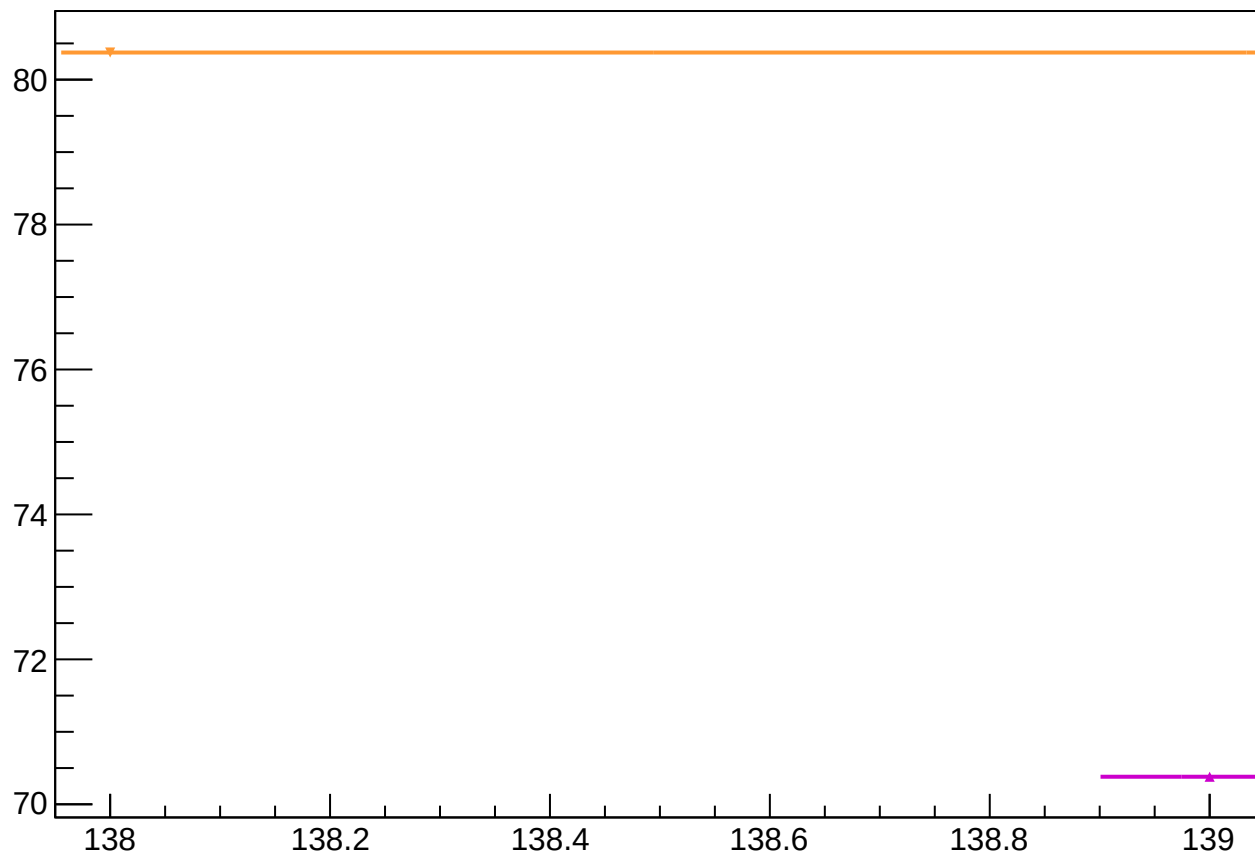
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.836+/-79.241 χ^2/NDF : 0.0/0

Out: 143.273+/-94.769 χ^2/NDF : 0.0/0

All: 61.798+/-60.790 χ^2/NDF : 1.3/1

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: 70.380 $\pm$ 0.056 χ^2/NDF : 0.0/0

Left: 74.492 $\pm$ 0.043 χ^2/NDF : 13089.9/1

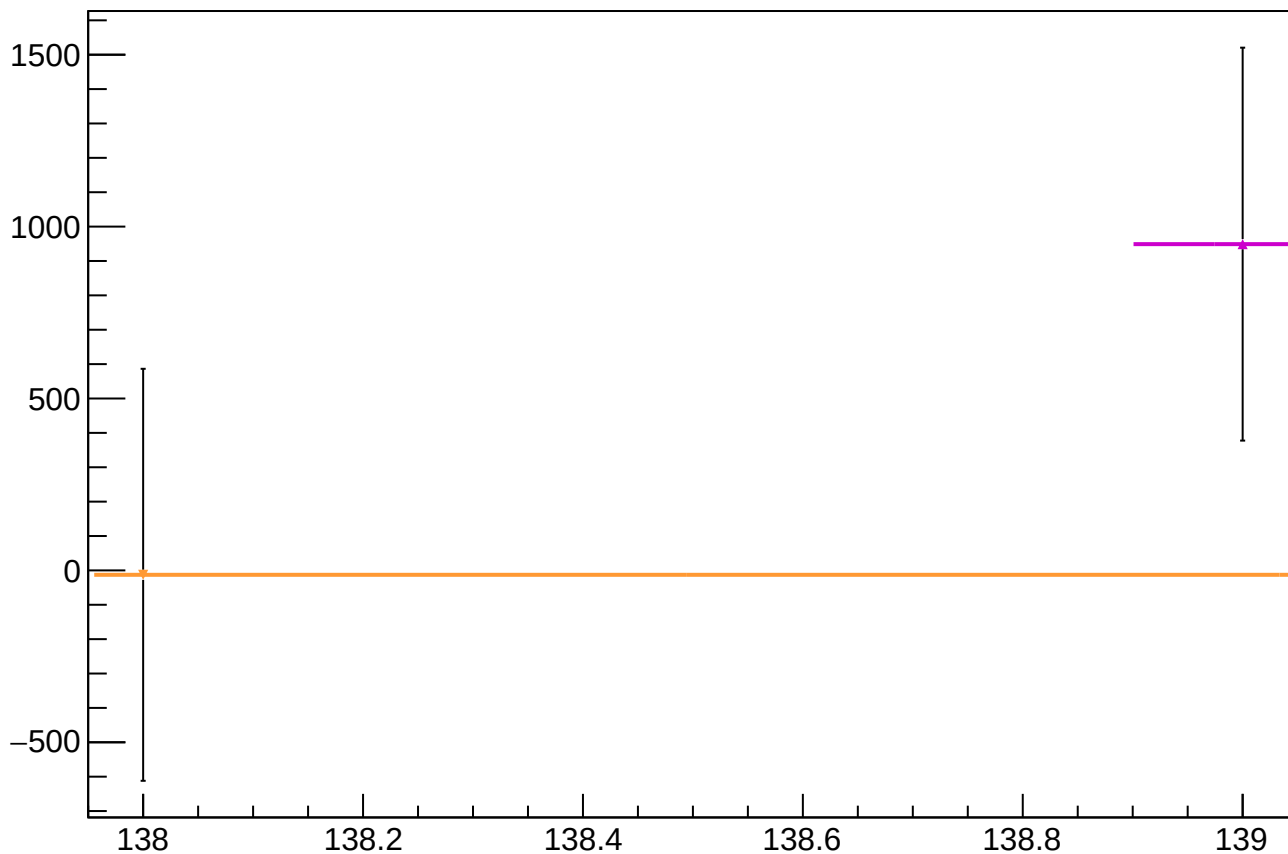
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 70.380 $\pm$ 0.056 χ^2/NDF : 0.0/0

Out: 80.374 $\pm$ 0.067 χ^2/NDF : 0.0/0

All: 74.492 $\pm$ 0.043 χ^2/NDF : 13089.9/1

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: 948.997+/-571.477 χ^2/NDF : 0.0/0

Left: 490.841+/-413.546 χ^2/NDF : 1.3/1

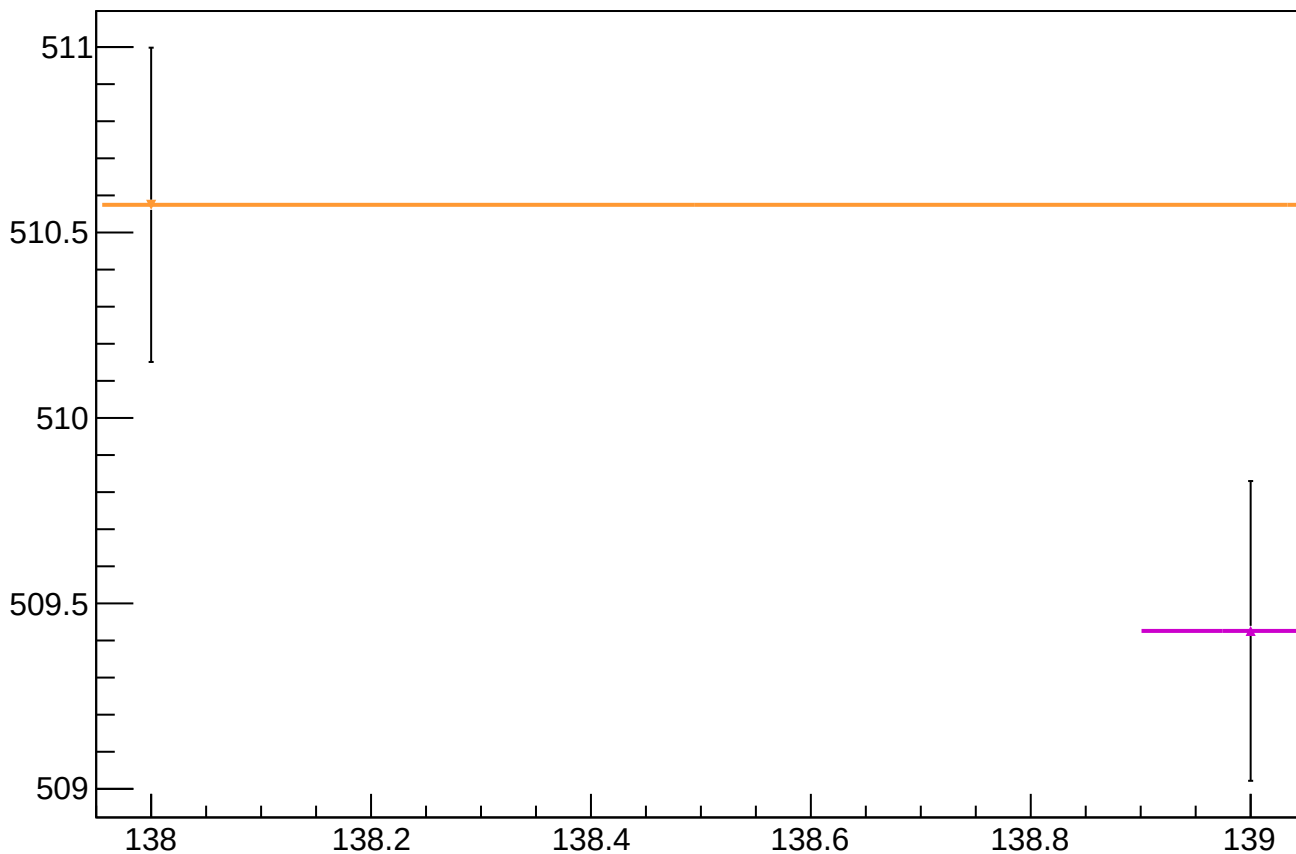
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 948.997+/-571.477 χ^2/NDF : 0.0/0

Out: -12.832+/-599.191 χ^2/NDF : 0.0/0

All: 490.841+/-413.546 χ^2/NDF : 1.3/1

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 510.575 $\pm$ 0.424 χ^2 /NDF: 0.0/0

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

Left In: 509.426 $\pm$ 0.404 χ^2 /NDF: 0.0/0

Left: 509.973 $\pm$ 0.292 χ^2 /NDF: 3.8/1

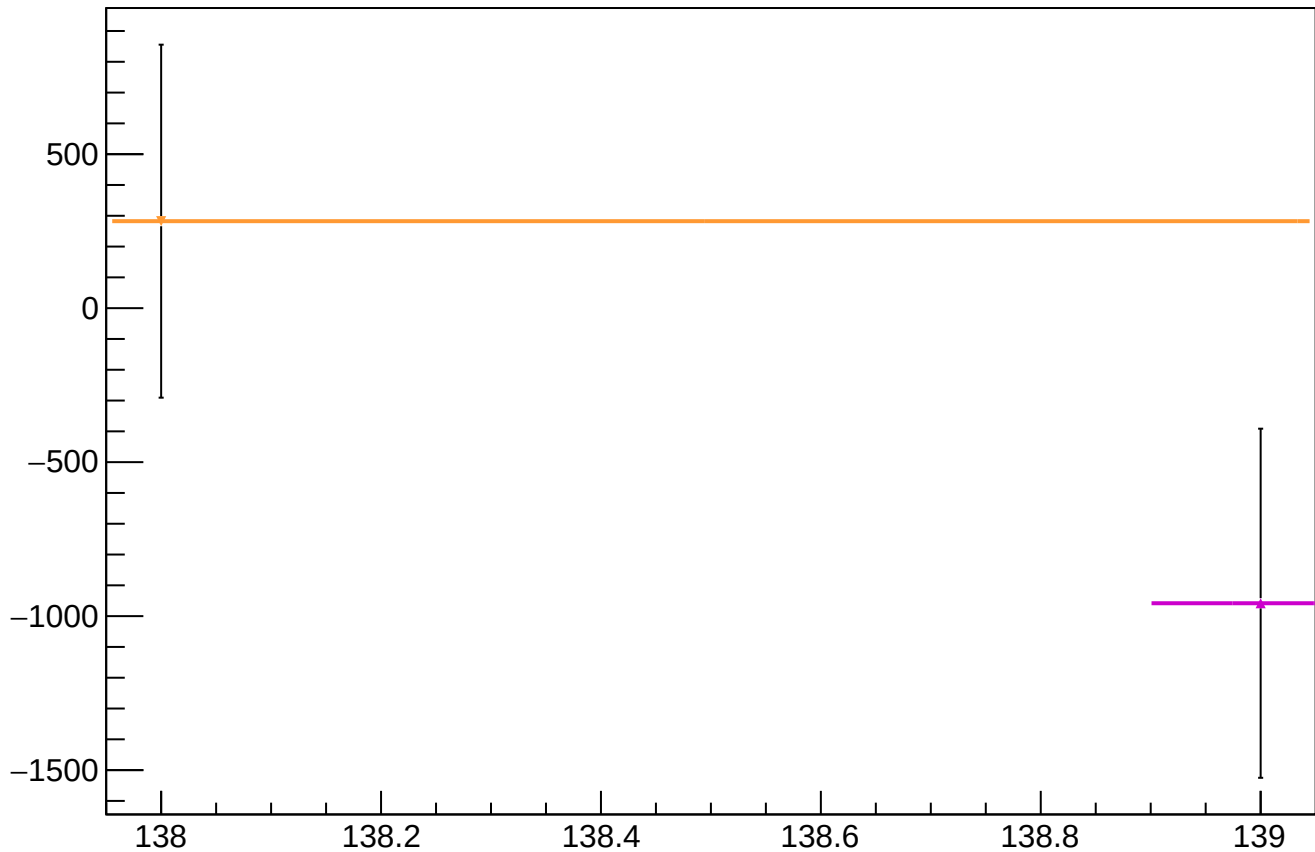
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 509.426 $\pm$ 0.404 χ^2 /NDF: 0.0/0

Out: 510.575 $\pm$ 0.424 χ^2 /NDF: 0.0/0

All: 509.973 $\pm$ 0.292 χ^2 /NDF: 3.8/1

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: -958.151+/-566.794 χ^2/NDF : 0.0/0

Left: -344.719+/-402.999 χ^2/NDF : 2.4/1

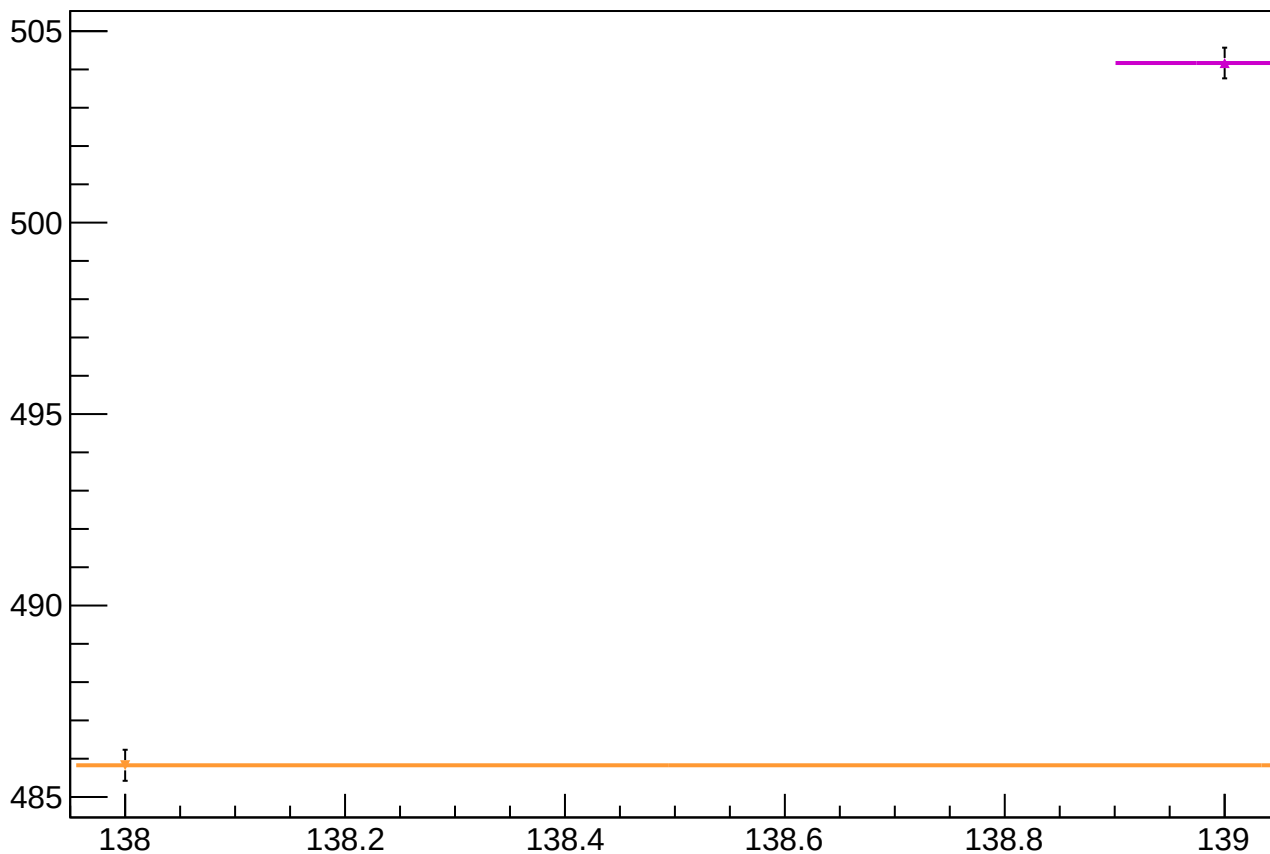
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -958.151+/-566.794 χ^2/NDF : 0.0/0

Out: 282.465+/-573.112 χ^2/NDF : 0.0/0

All: -344.719+/-402.999 χ^2/NDF : 2.4/1

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: 504.168 $\pm$ 0.401 χ^2 /NDF:0.0/0

Left: 495.100 $\pm$ 0.285 χ^2 /NDF: 1035.4/1

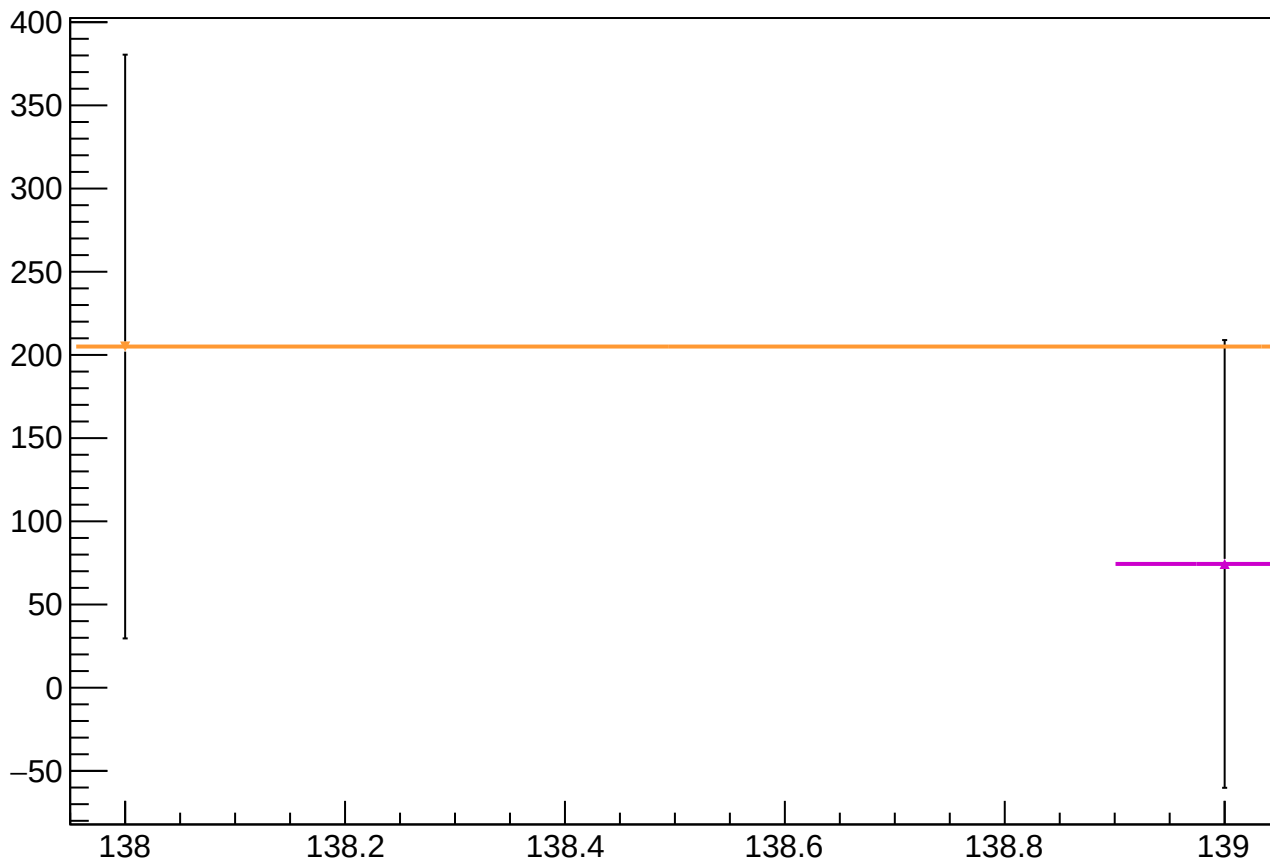
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 504.168 $\pm$ 0.401 χ^2 /NDF:0.0/0

Out: 485.828 $\pm$ 0.405 χ^2 /NDF:0.0/0

All: 495.100 $\pm$ 0.285 χ^2 /NDF: 1035.4/1

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: 74.390+/-134.547 χ^2/NDF : 0.0/0

Left: 122.782+/-106.760 χ^2/NDF : 0.3/1

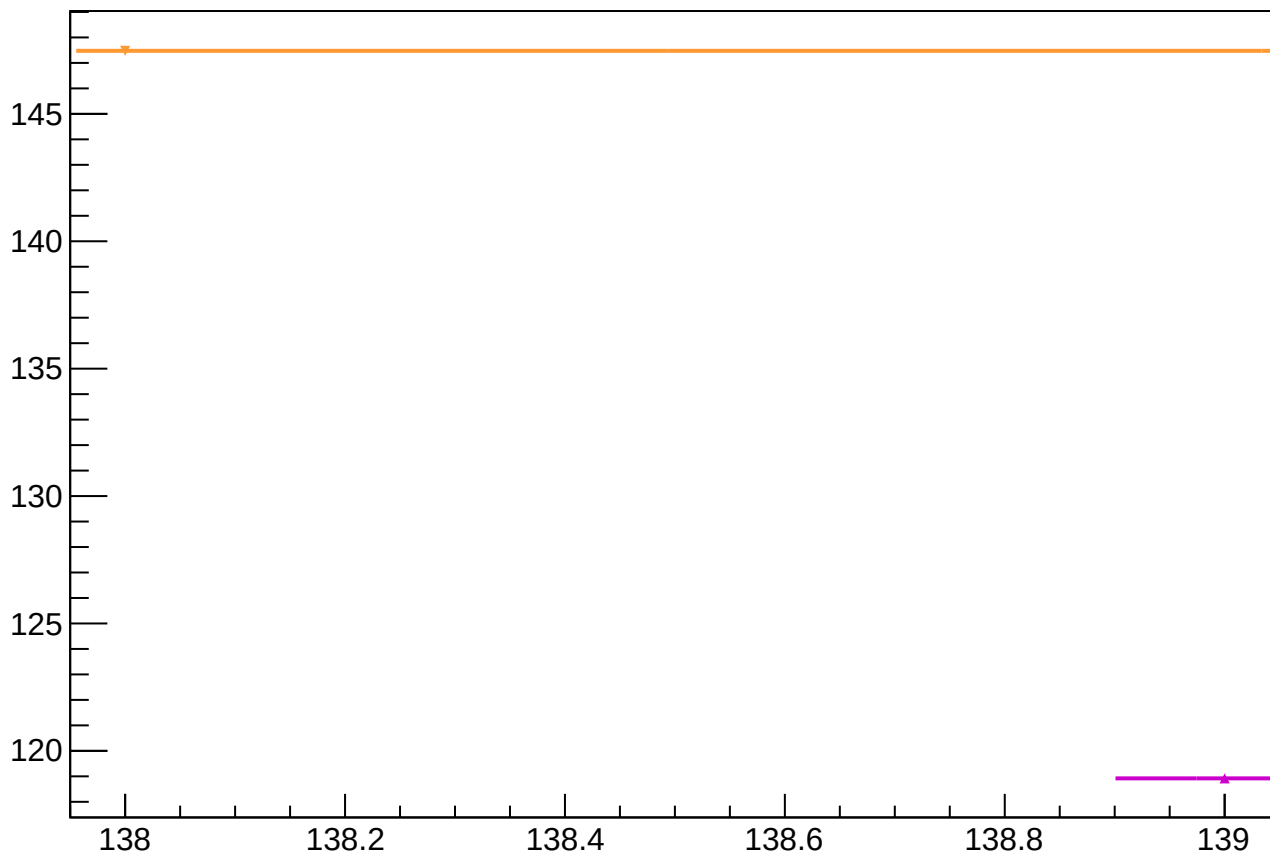
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 74.390+/-134.547 χ^2/NDF : 0.0/0

Out: 205.044+/-175.422 χ^2/NDF : 0.0/0

All: 122.782+/-106.760 χ^2/NDF : 0.3/1

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: 118.920+/-0.095 χ^2/NDF : 0.0/0

Left: 129.496+/-0.075 χ^2/NDF : 33364.2/1

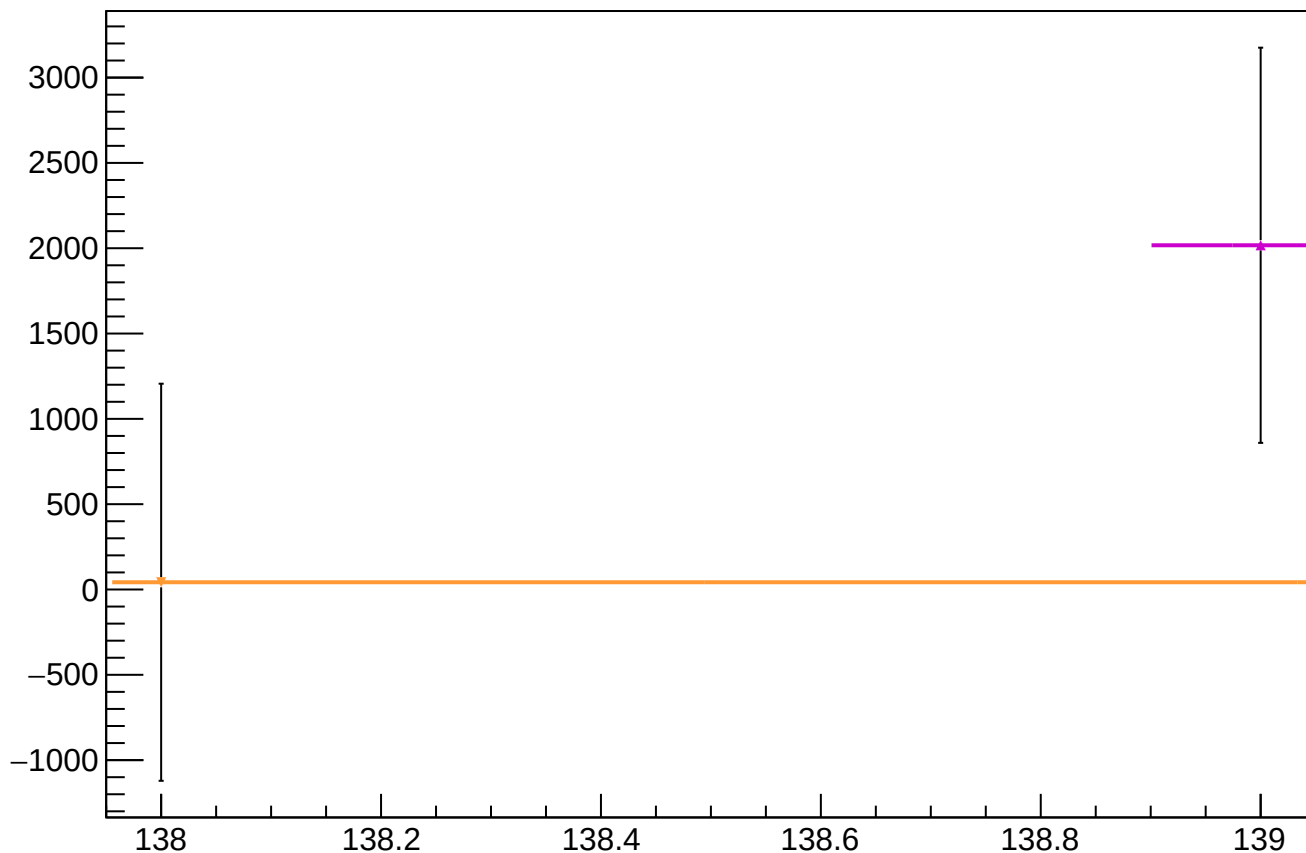
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 118.920+/-0.095 χ^2/NDF : 0.0/0

Out: 147.474+/-0.124 χ^2/NDF : 0.0/0

All: 129.496+/-0.075 χ^2/NDF : 33364.2/1

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: 2017.325+/-1158.039 χ^2/NDF : 0.0/0

Left: 1034.618+/-820.817 χ^2/NDF : 1.4/1

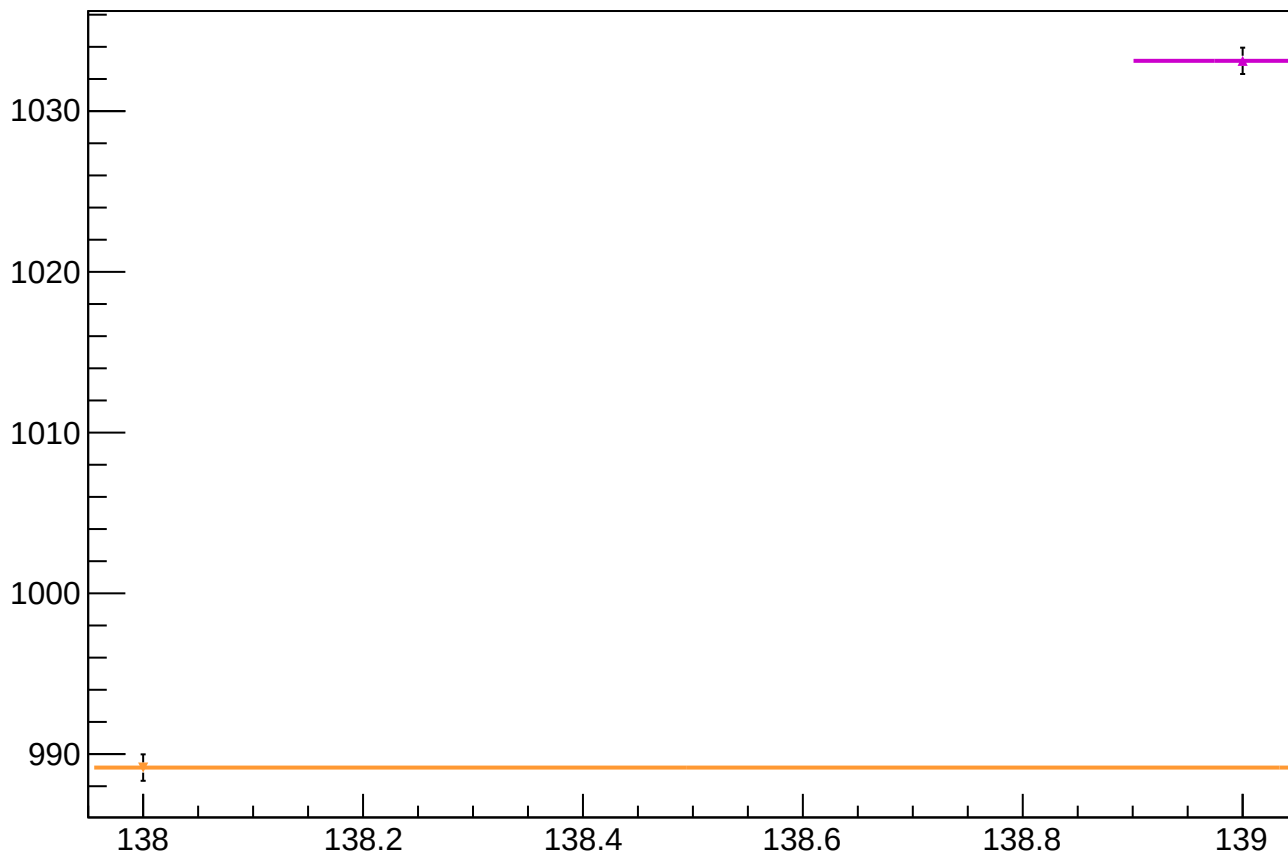
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2017.325+/-1158.039 χ^2/NDF : 0.0/0

Out: 42.446+/-1163.603 χ^2/NDF : 0.0/0

All: 1034.618+/-820.817 χ^2/NDF : 1.4/1

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: 1033.130+/-0.819 χ^2/NDF : 0.0/0

Left: 1011.250+/-0.580 χ^2/NDF : 1434.7/1

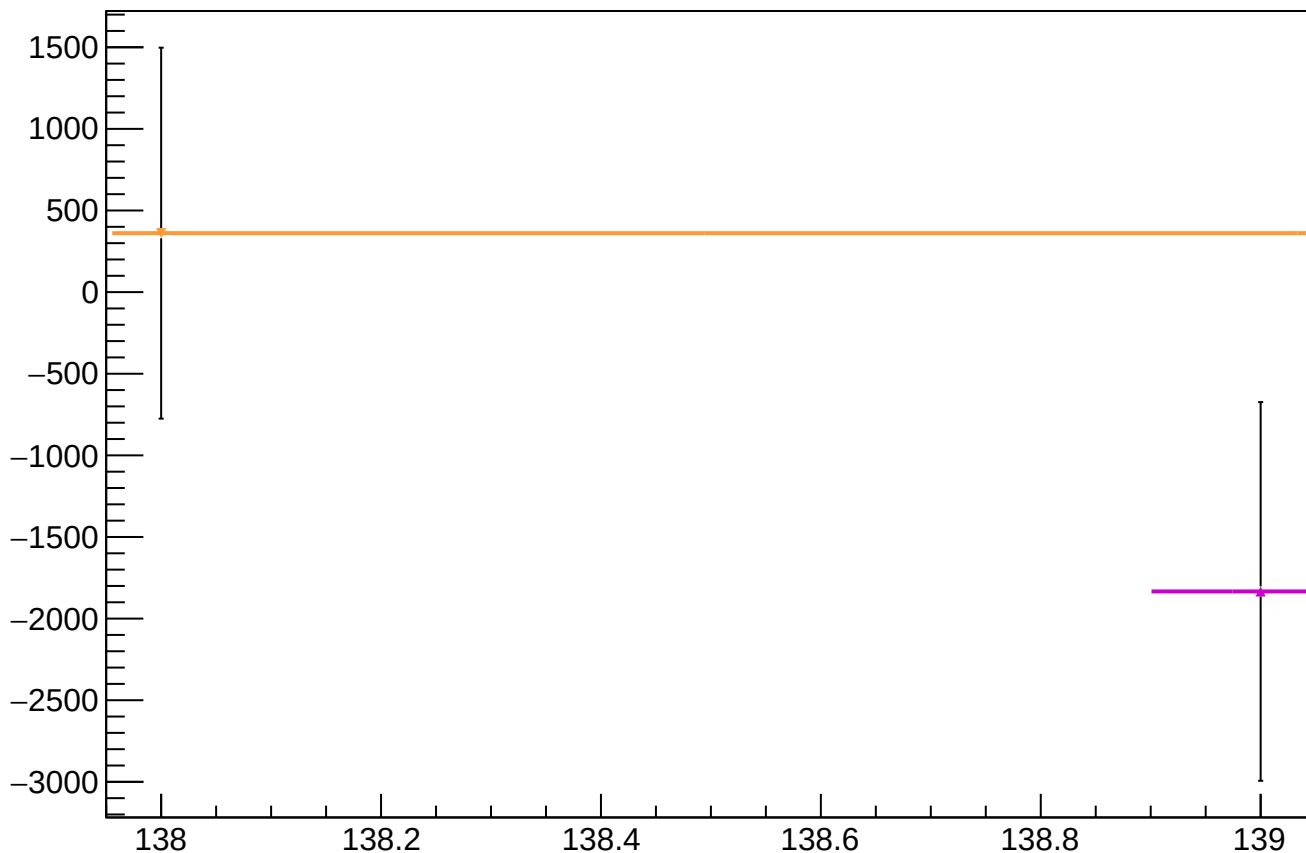
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1033.130+/-0.819 χ^2/NDF : 0.0/0

Out: 989.160+/-0.823 χ^2/NDF : 0.0/0

All: 1011.250+/-0.580 χ^2/NDF : 1434.7/1

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: -1833.674+/-1159.934 χ^2/NDF : 0.0/0

Left: -713.665+/-811.715 χ^2/NDF : 1.8/1

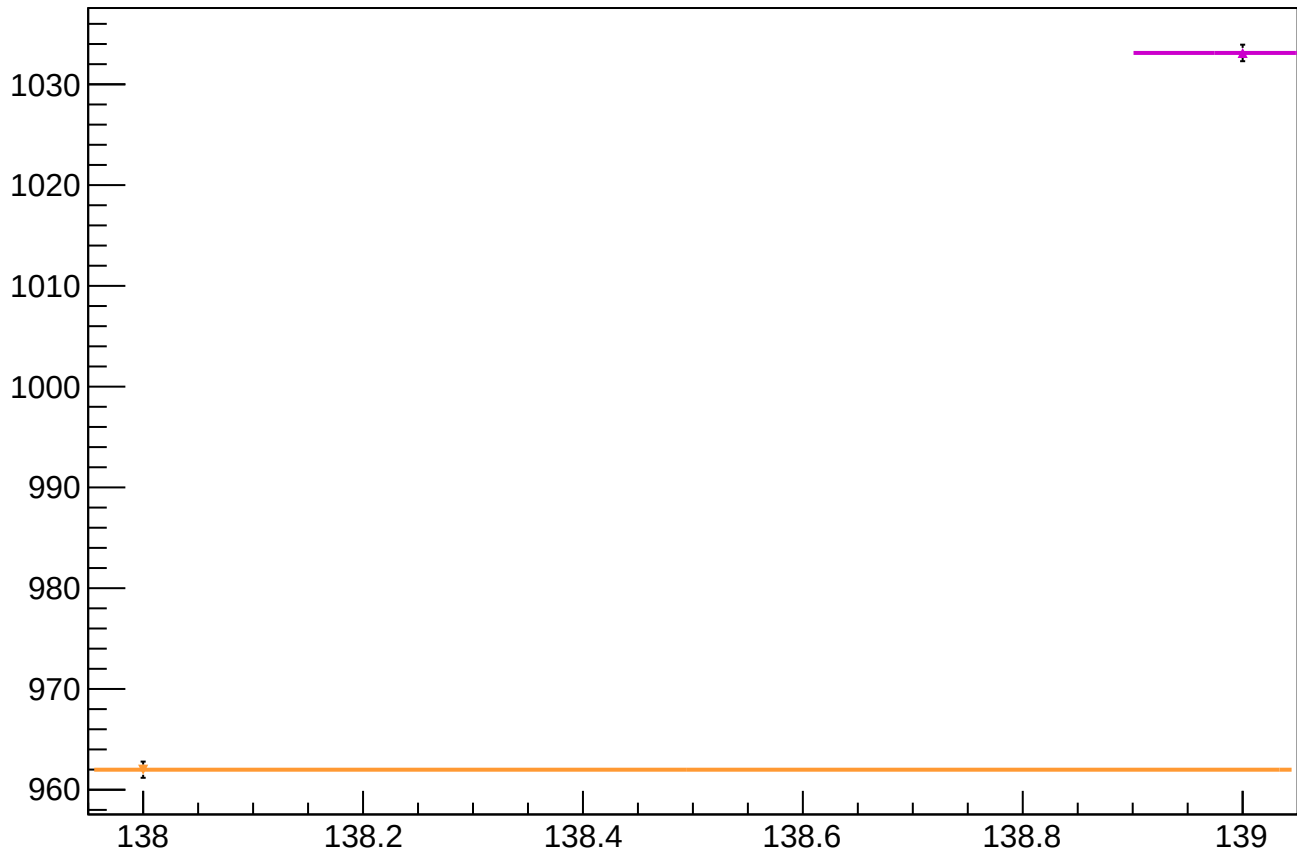
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1833.674+/-1159.934 χ^2/NDF : 0.0/0

Out: 361.179+/-1136.306 χ^2/NDF : 0.0/0

All: -713.665+/-811.715 χ^2/NDF : 1.8/1

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: 1033.115+/-0.820 χ^2/NDF : 0.0/0

Left: 996.820+/-0.574 χ^2/NDF : 3837.4/1

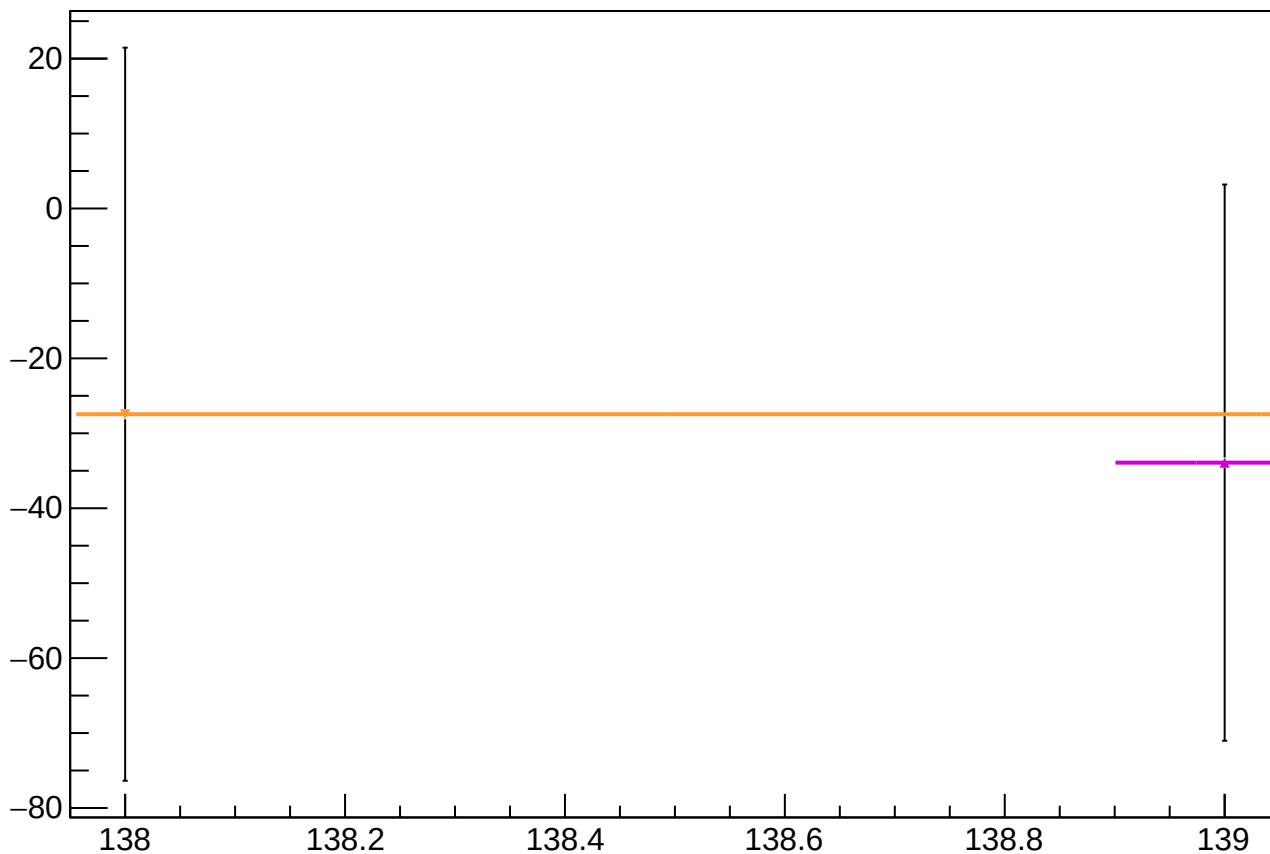
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1033.115+/-0.820 χ^2/NDF : 0.0/0

Out: 961.988+/-0.803 χ^2/NDF : 0.0/0

All: 996.820+/-0.574 χ^2/NDF : 3837.4/1

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: -33.915+/-37.112 χ^2/NDF : 0.0/0

Left: -31.555+/-29.566 χ^2/NDF : 0.0/1

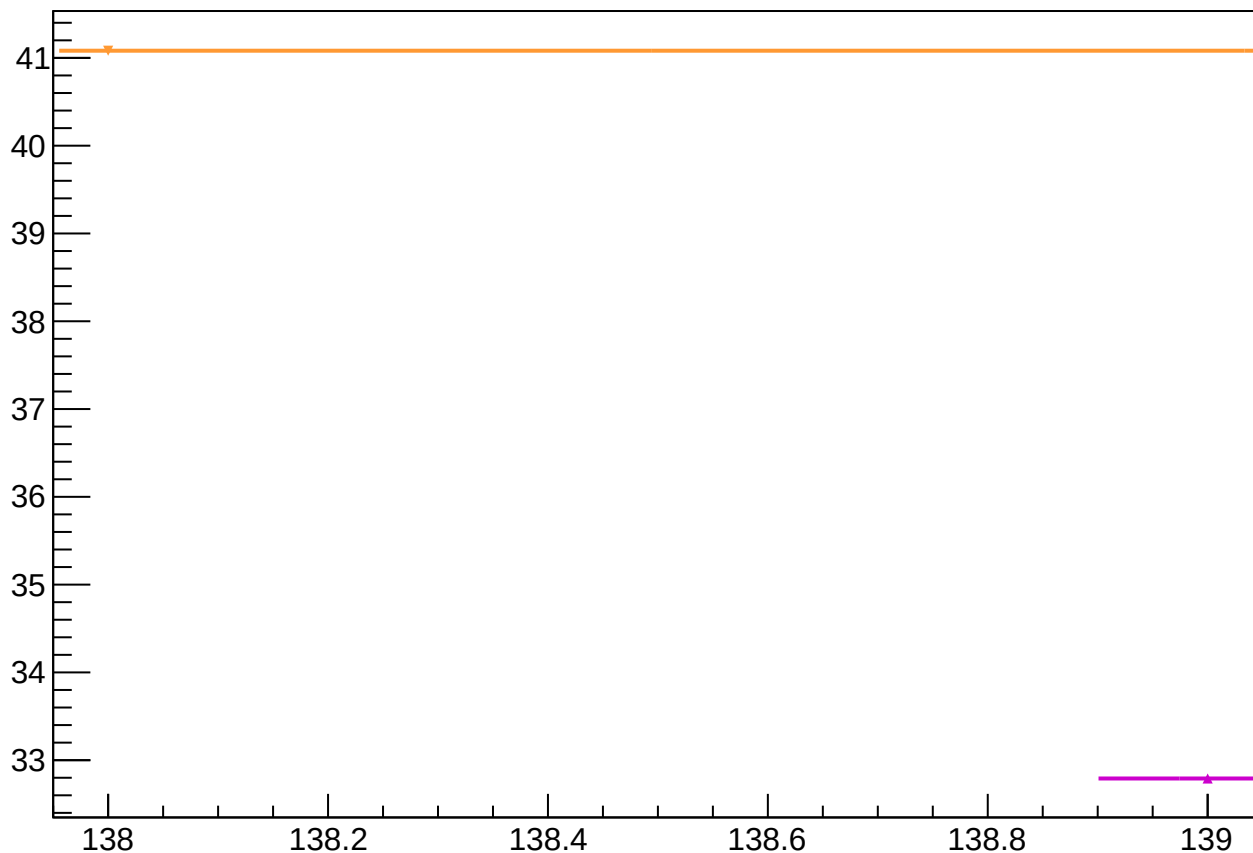
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.915+/-37.112 χ^2/NDF : 0.0/0

Out: -27.456+/-48.916 χ^2/NDF : 0.0/0

All: -31.555+/-29.566 χ^2/NDF : 0.0/1

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: 32.792 $\pm$ 0.026 χ^2 /NDF: 0.0/0

Left: 35.820 $\pm$ 0.021 χ^2 /NDF: 36461.3/1

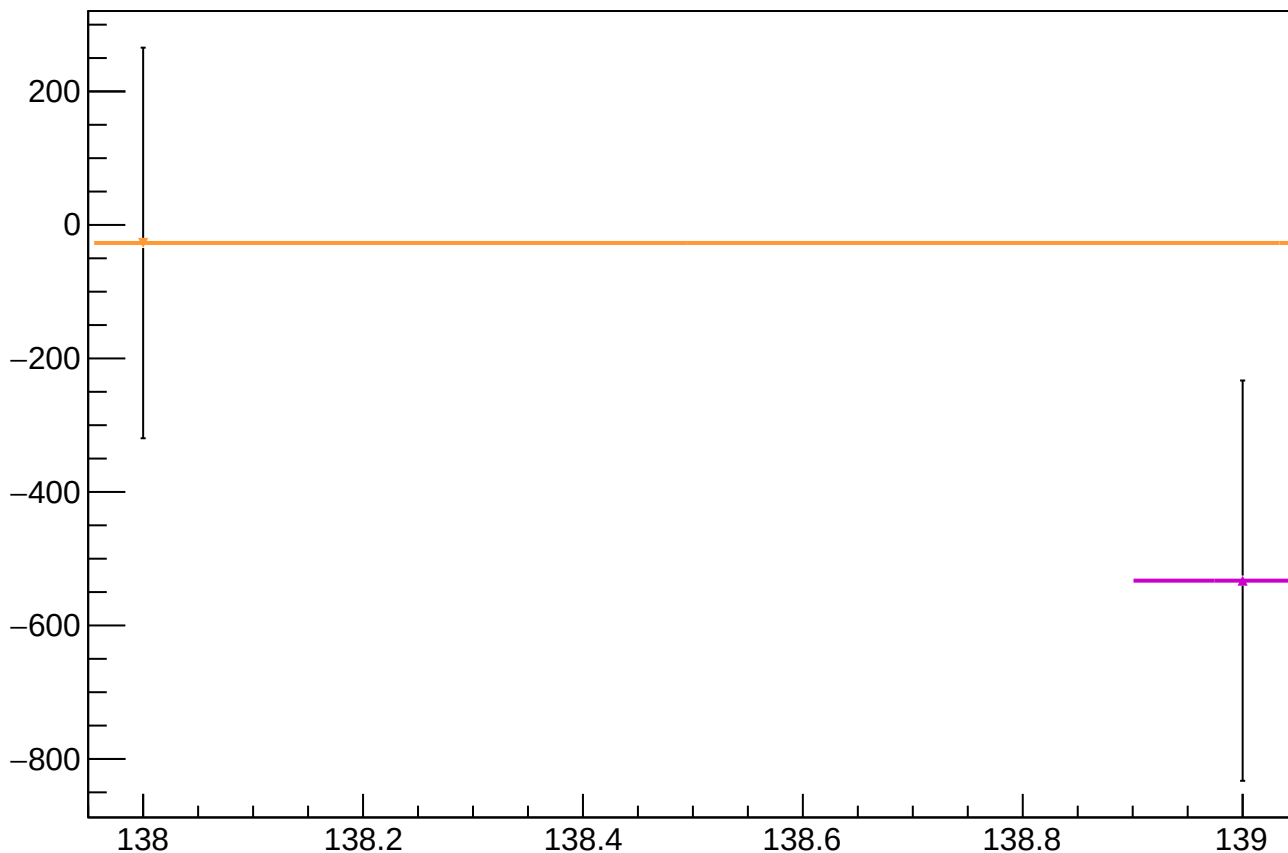
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 32.792 $\pm$ 0.026 χ^2 /NDF: 0.0/0

Out: 41.082 $\pm$ 0.035 χ^2 /NDF: 0.0/0

All: 35.820 $\pm$ 0.021 χ^2 /NDF: 36461.3/1

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: -532.890+/-299.816 χ^2/NDF : 0.0/0

Left: -273.744+/-209.385 χ^2/NDF : 1.5/1

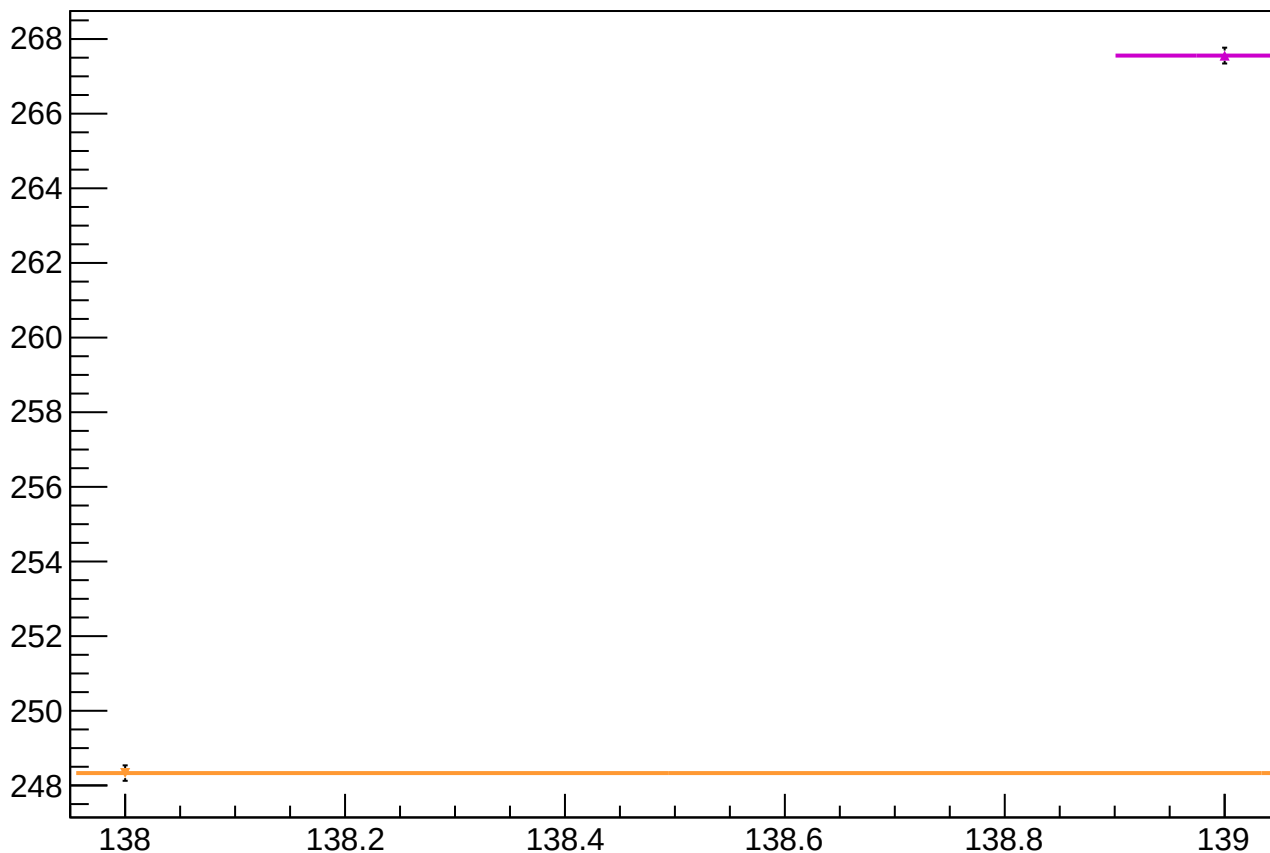
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -532.890+/-299.816 χ^2/NDF : 0.0/0

Out: -27.007+/-292.549 χ^2/NDF : 0.0/0

All: -273.744+/-209.385 χ^2/NDF : 1.5/1

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 248.331 $\pm$ 0.207 χ^2/NDF : 0.0/0

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

Left In: 267.556 $\pm$ 0.212 χ^2/NDF : 0.0/0

Left: 257.708 $\pm$ 0.148 χ^2/NDF : 4212.8/1

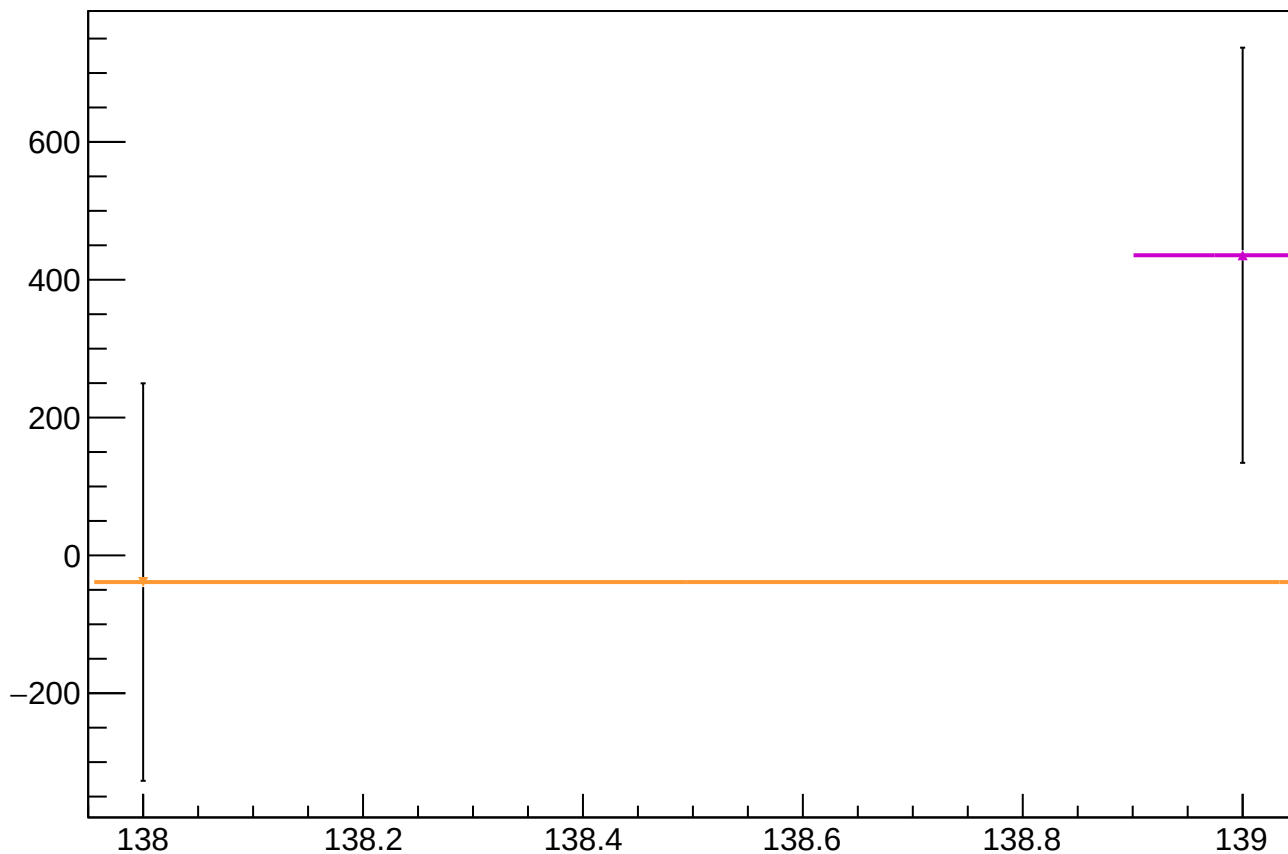
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 267.556 $\pm$ 0.212 χ^2/NDF : 0.0/0

Out: 248.331 $\pm$ 0.207 χ^2/NDF : 0.0/0

All: 257.708 $\pm$ 0.148 χ^2/NDF : 4212.8/1

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -38.700 $\pm$ 288.402 χ^2/NDF : 0.0/0

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

Left In: 435.560 $\pm$ 301.235 χ^2/NDF : 0.0/0

Left: 188.113 $\pm$ 208.320 χ^2/NDF : 1.3/1

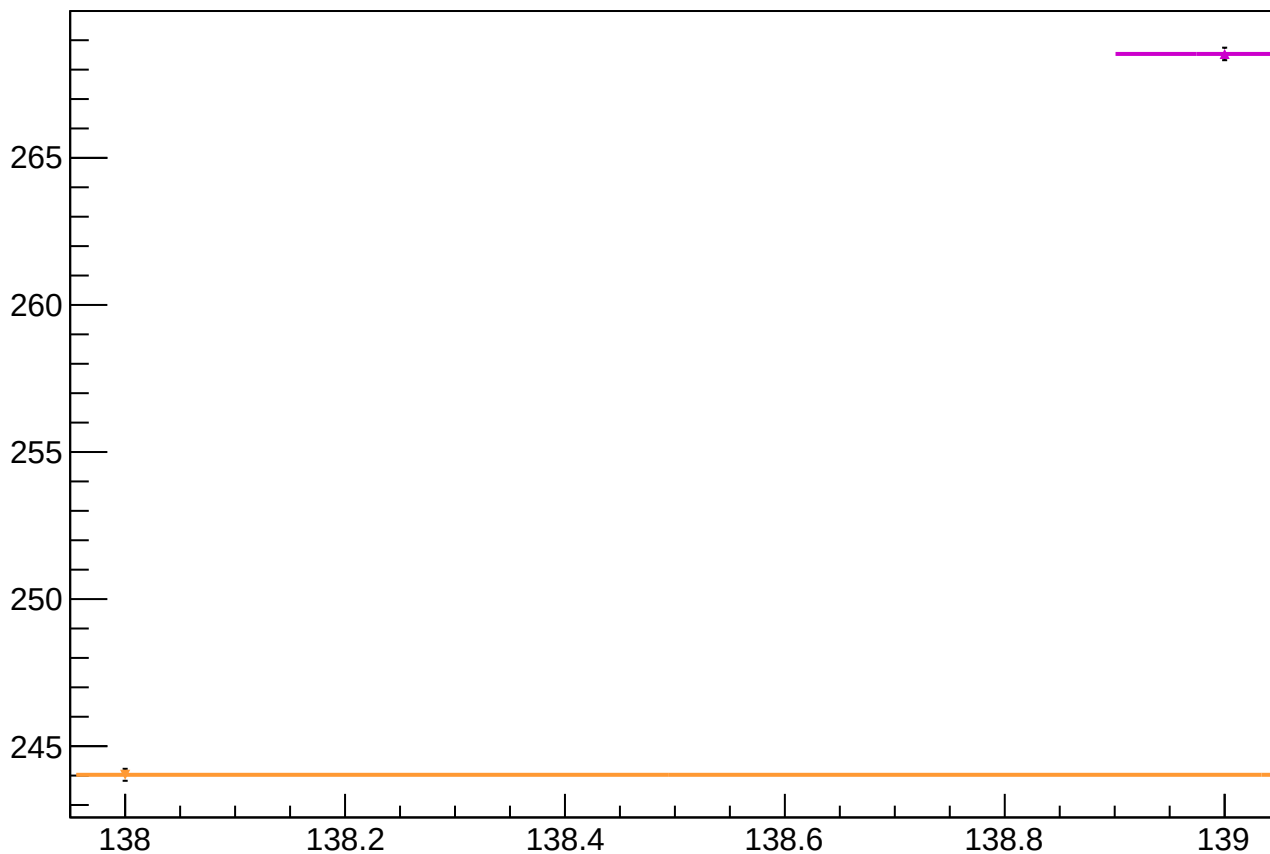
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 435.560 $\pm$ 301.235 χ^2/NDF : 0.0/0

Out: -38.700 $\pm$ 288.402 χ^2/NDF : 0.0/0

All: 188.113 $\pm$ 208.320 χ^2/NDF : 1.3/1

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: 268.534+/-0.213 χ^2/NDF : 0.0/0

Left: 255.747+/-0.147 χ^2/NDF : 6906.8/1

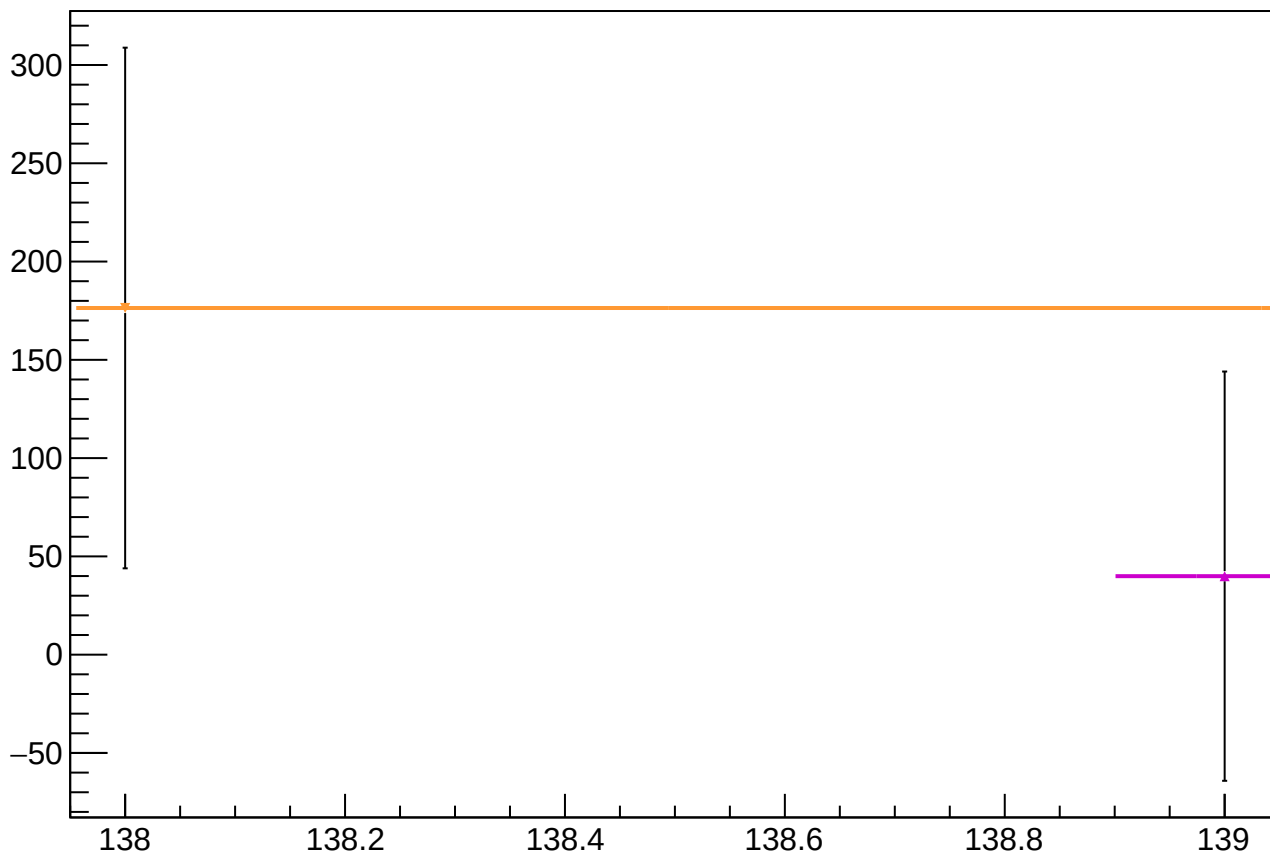
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.534+/-0.213 χ^2/NDF : 0.0/0

Out: 244.026+/-0.204 χ^2/NDF : 0.0/0

All: 255.747+/-0.147 χ^2/NDF : 6906.8/1

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: 39.941+/-104.110 χ^2/NDF : 0.0/0

Left: 92.045+/-81.850 χ^2/NDF : 0.7/1

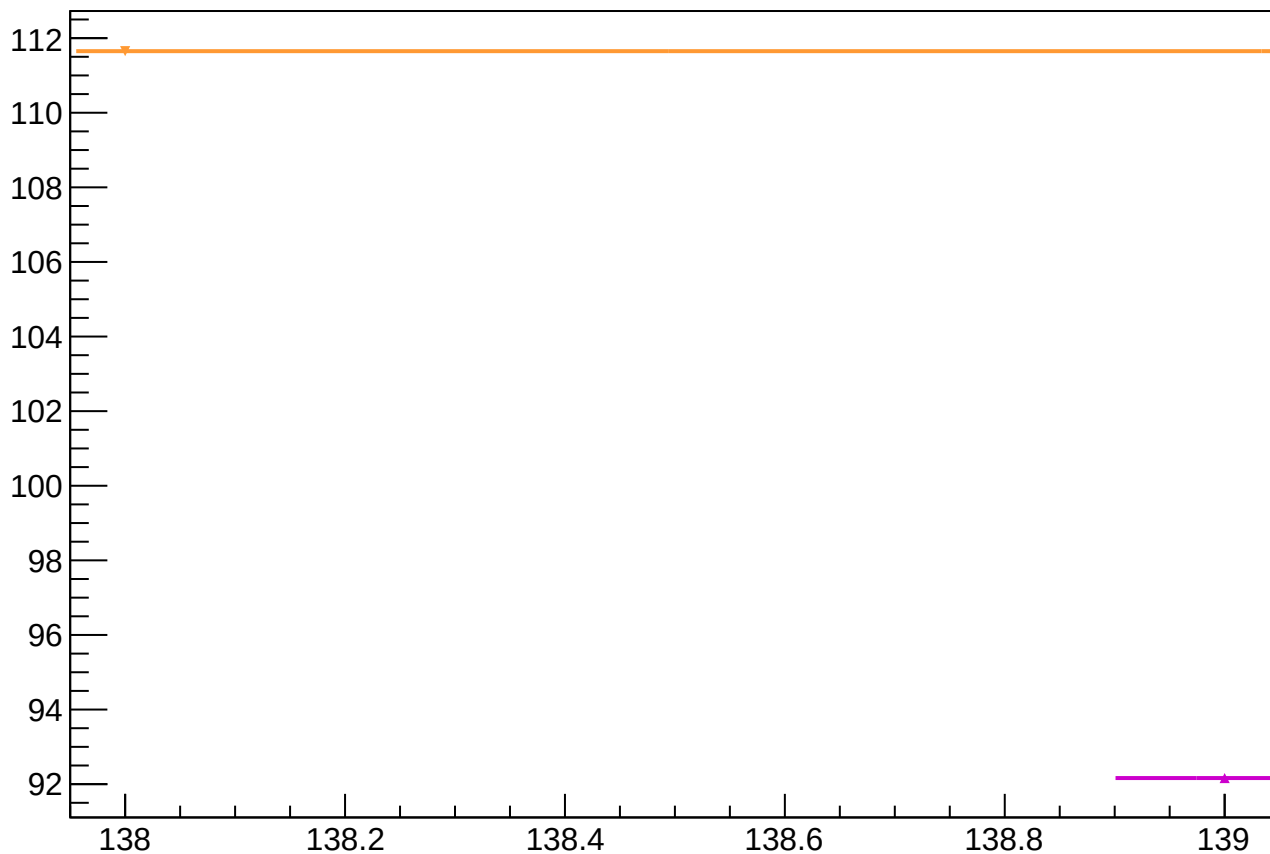
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.941+/-104.110 χ^2/NDF : 0.0/0

Out: 176.371+/-132.445 χ^2/NDF : 0.0/0

All: 92.045+/-81.850 χ^2/NDF : 0.7/1

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 111.651 $\pm$ 0.094 χ^2 /NDF:0.0/0

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

Left In: 92.164 $\pm$ 0.074 χ^2 /NDF:0.0/0

Left: 99.606 $\pm$ 0.058 χ^2 /NDF: 26761.2/1

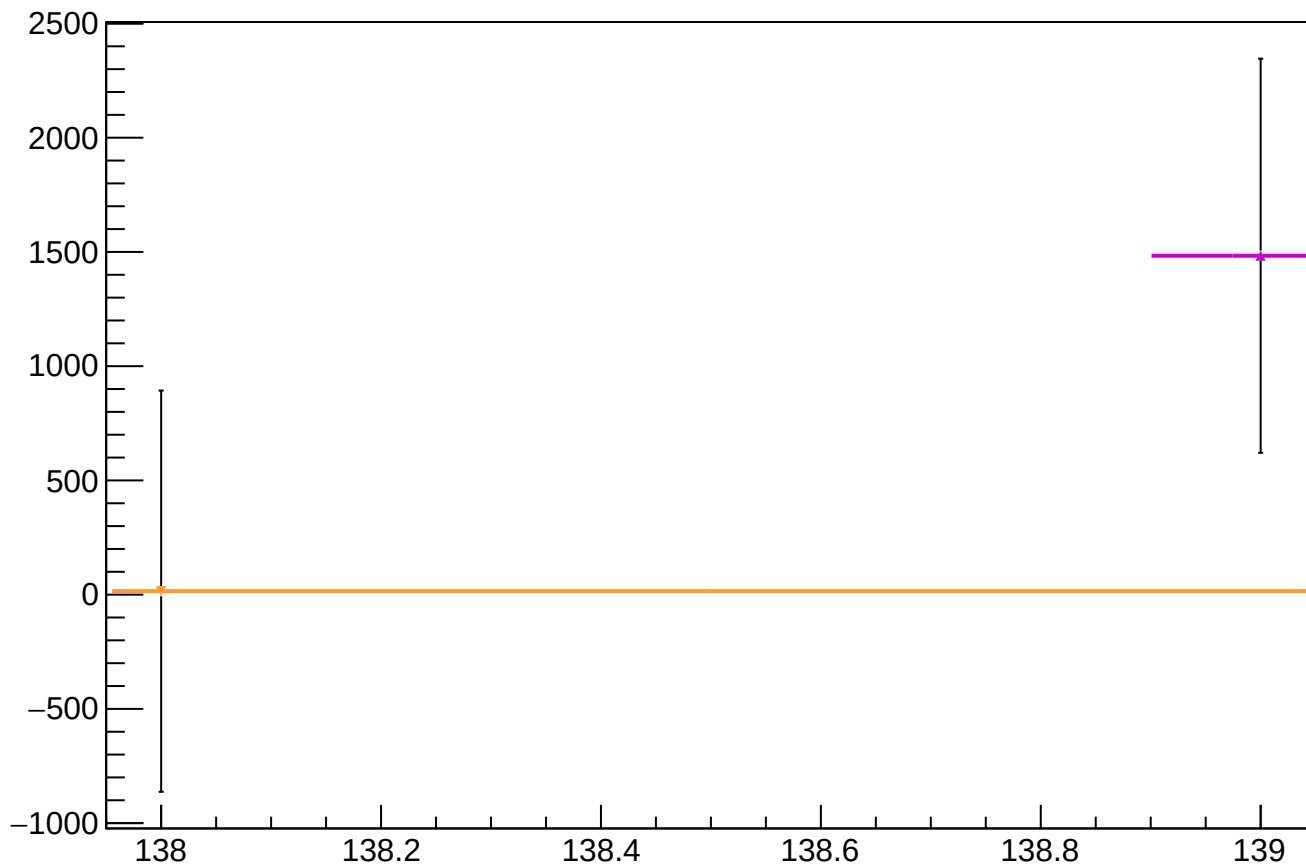
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 92.164 $\pm$ 0.074 χ^2 /NDF:0.0/0

Out: 111.651 $\pm$ 0.094 χ^2 /NDF:0.0/0

All: 99.606 $\pm$ 0.058 χ^2 /NDF: 26761.2/1

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: 1483.398+/-862.522 χ^2/NDF : 0.0/0

Left: 762.454+/-615.333 χ^2/NDF : 1.4/1

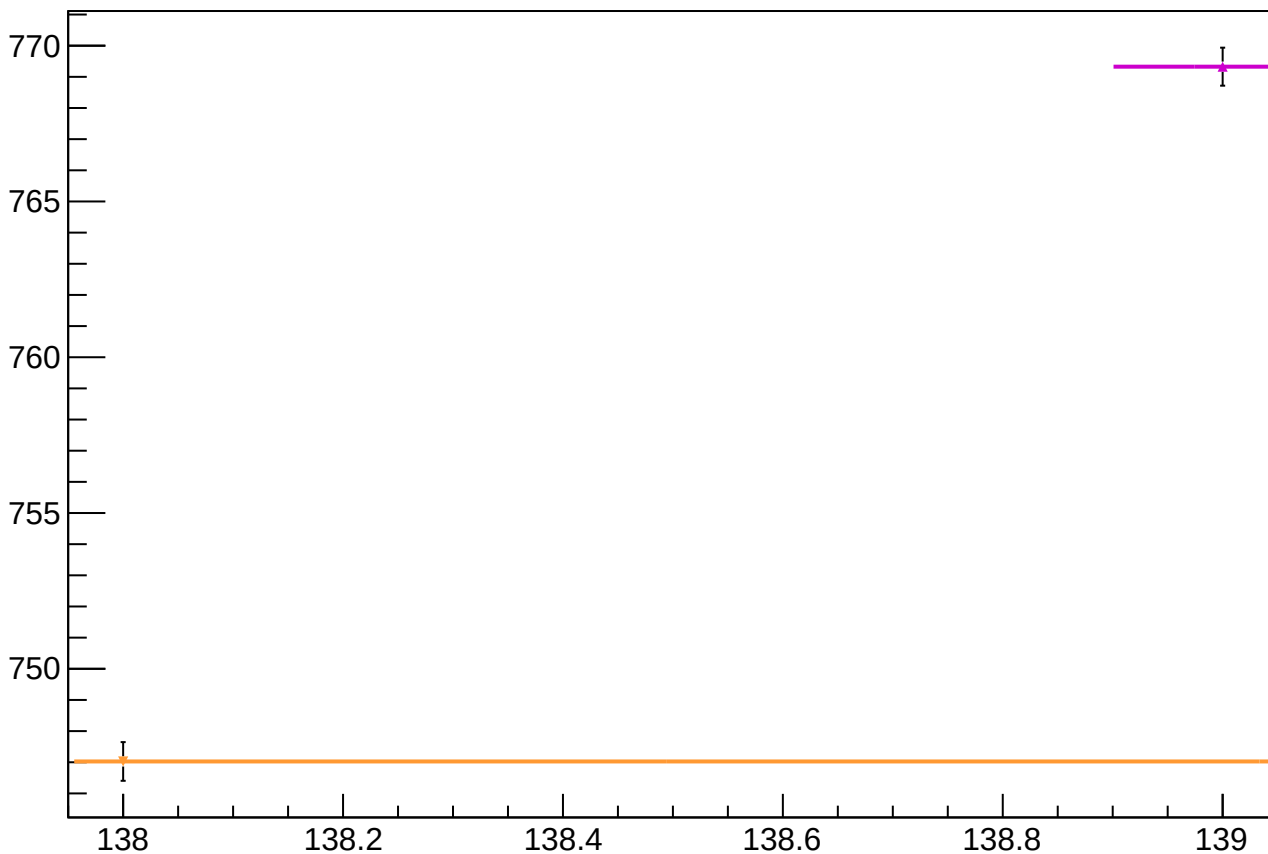
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1483.398+/-862.522 χ^2/NDF : 0.0/0

Out: 15.211+/-878.112 χ^2/NDF : 0.0/0

All: 762.454+/-615.333 χ^2/NDF : 1.4/1

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: 769.326+/-0.610 χ^2/NDF : 0.0/0

Left: 758.376+/-0.435 χ^2/NDF : 656.5/1

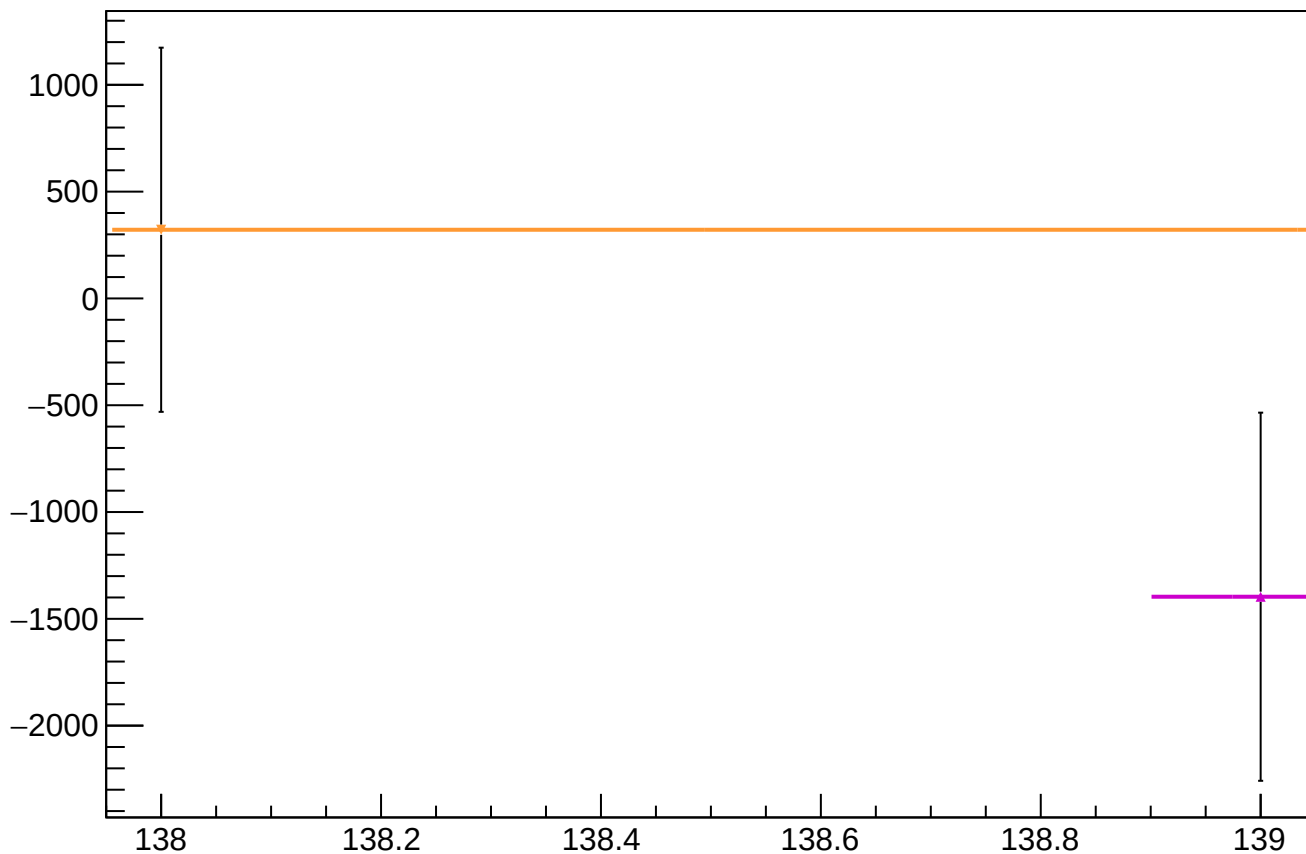
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 769.326+/-0.610 χ^2/NDF : 0.0/0

Out: 747.026+/-0.621 χ^2/NDF : 0.0/0

All: 758.376+/-0.435 χ^2/NDF : 656.5/1

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: -1396.501+/-861.762 χ^2/NDF : 0.0/0

Left: -528.175+/-606.042 χ^2/NDF : 2.0/1

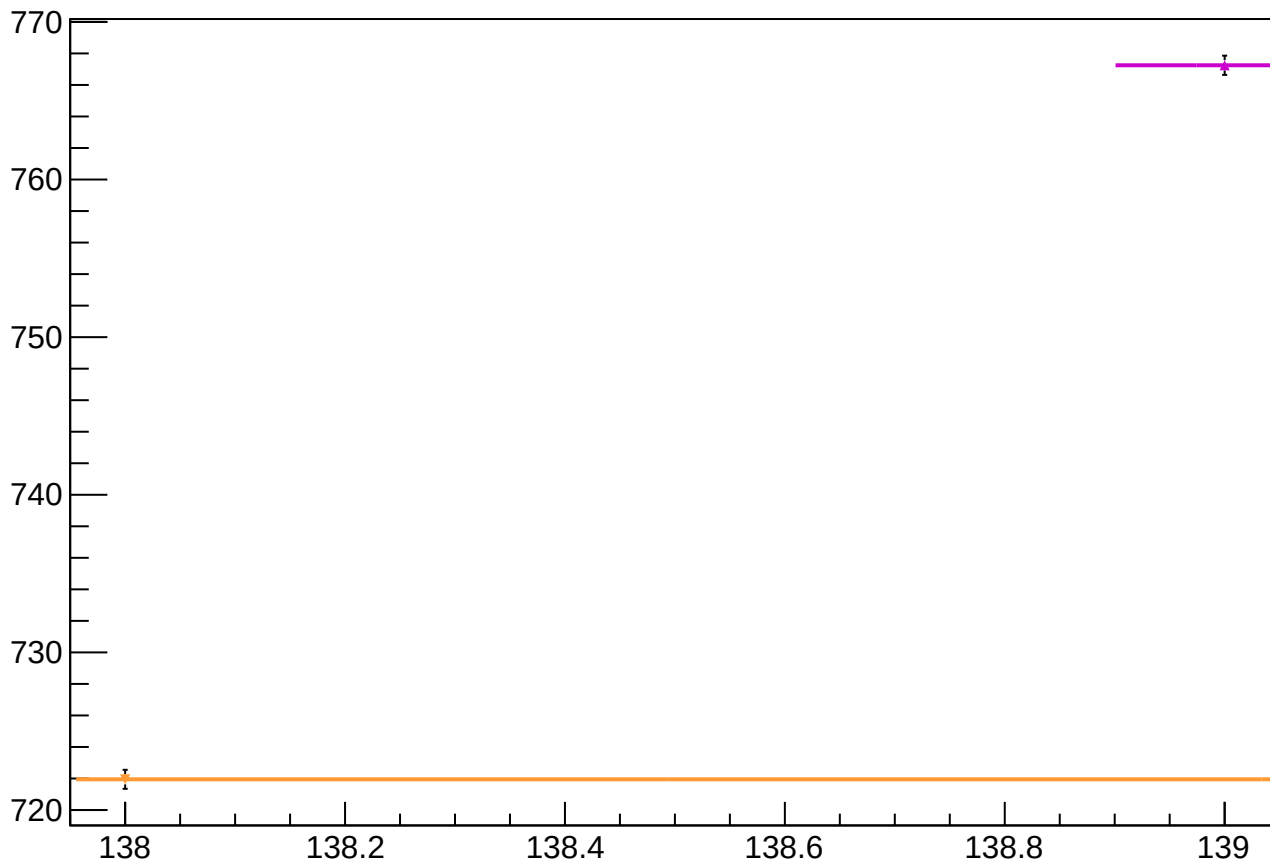
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1396.501+/-861.762 χ^2/NDF : 0.0/0

Out: 321.504+/-852.459 χ^2/NDF : 0.0/0

All: -528.175+/-606.042 χ^2/NDF : 2.0/1

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: 767.248+/-0.609 χ^2 /NDF:0.0/0

Left: 744.353+/-0.429 χ^2 /NDF: 2793.1/1

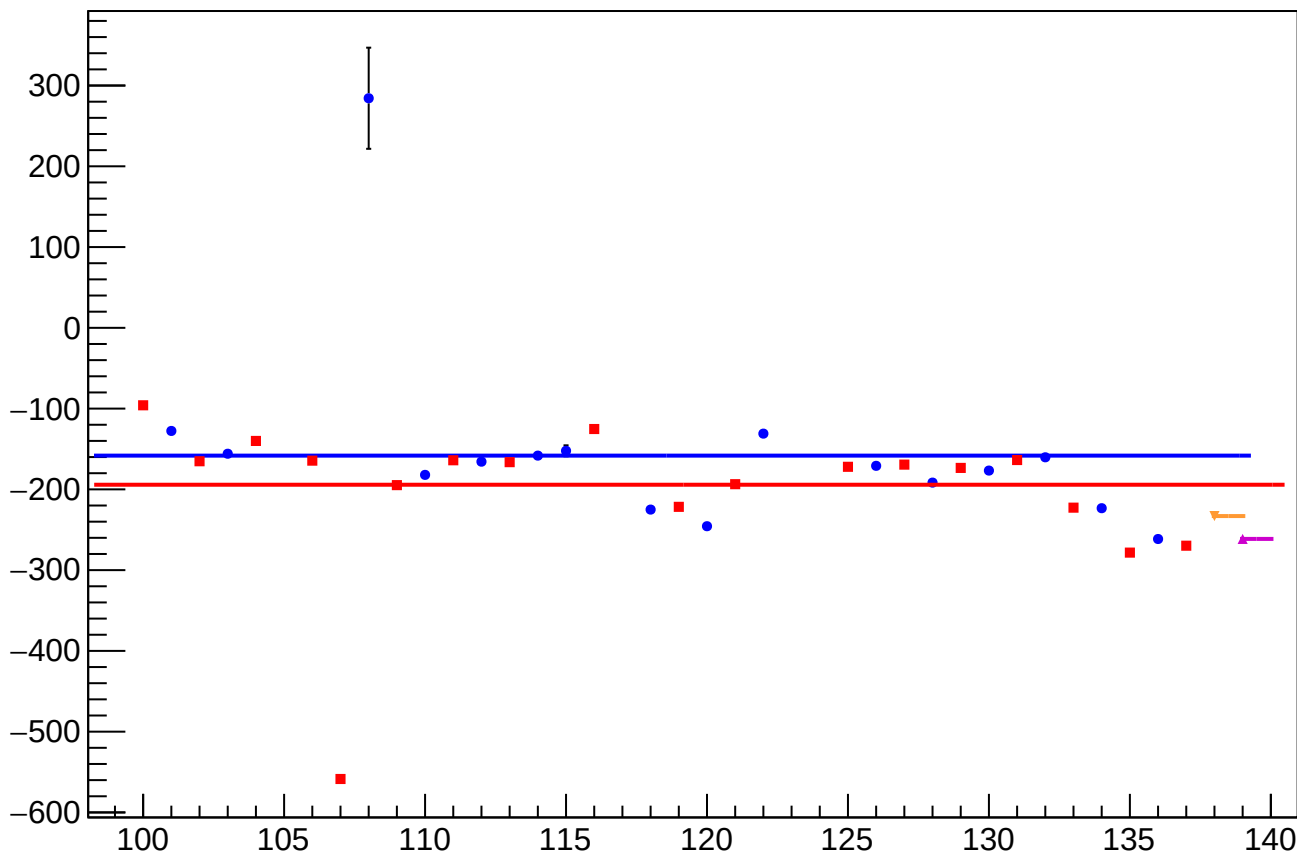
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 767.248+/-0.609 χ^2 /NDF:0.0/0

Out: 721.950+/-0.603 χ^2 /NDF:0.0/0

All: 744.353+/-0.429 χ^2 /NDF: 2793.1/1

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: -261.345 ± 0.928 $\chi^2/\text{NDF}: 0.0/0$

Left: -245.868 ± 0.624 $\chi^2/\text{NDF}: 508.9/1$

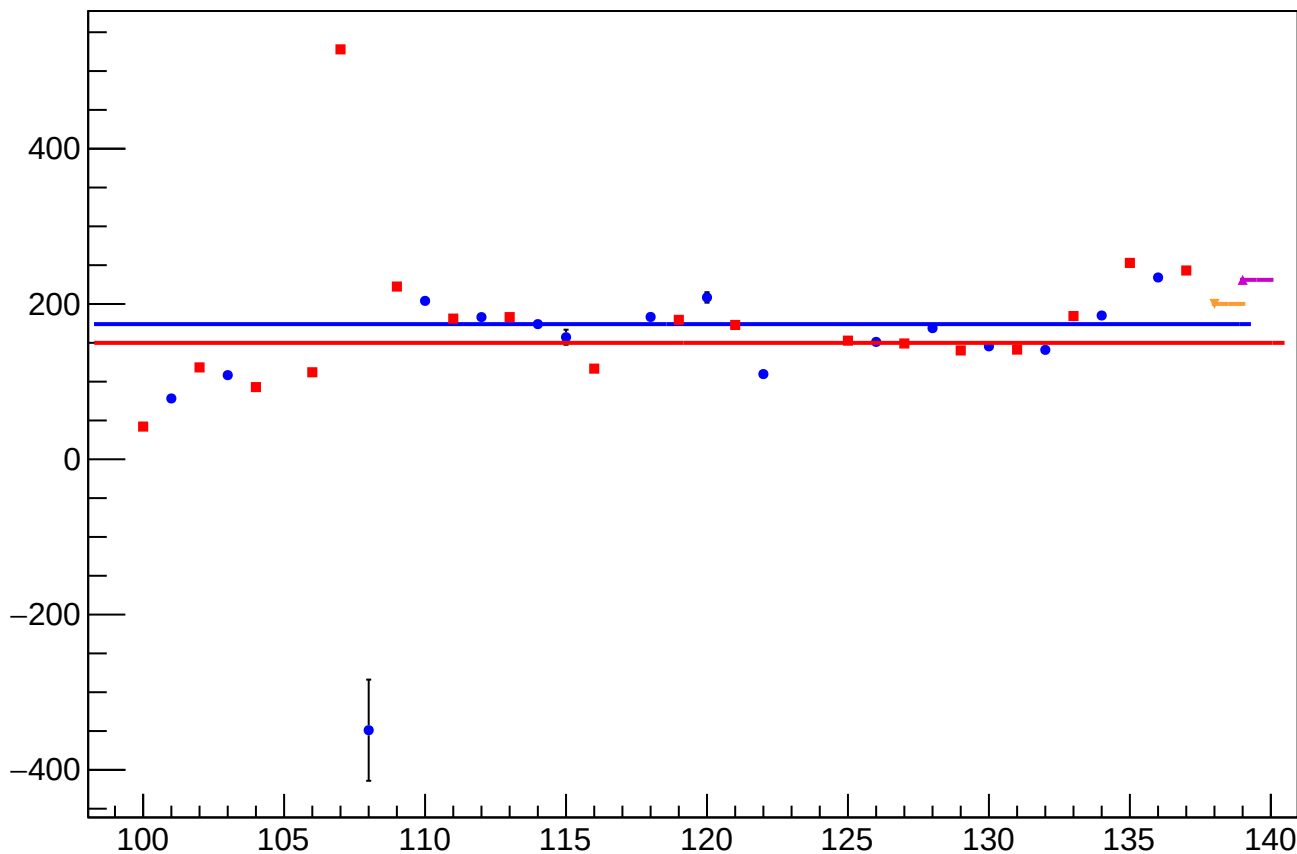
Right: -158.222 ± 0.000 $\chi^2/\text{NDF}: 341369.6/33$

In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 129526.8/16$

Out: -195.699 ± 0.162 $\chi^2/\text{NDF}: 178596.1/18$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 361597.2/35$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 200.113+/-0.852 χ^2/NDF : 0.0/0

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

Left In: 231.108+/-1.013 χ^2/NDF : 0.0/0

Left: 212.951+/-0.652 χ^2/NDF : 547.9/1

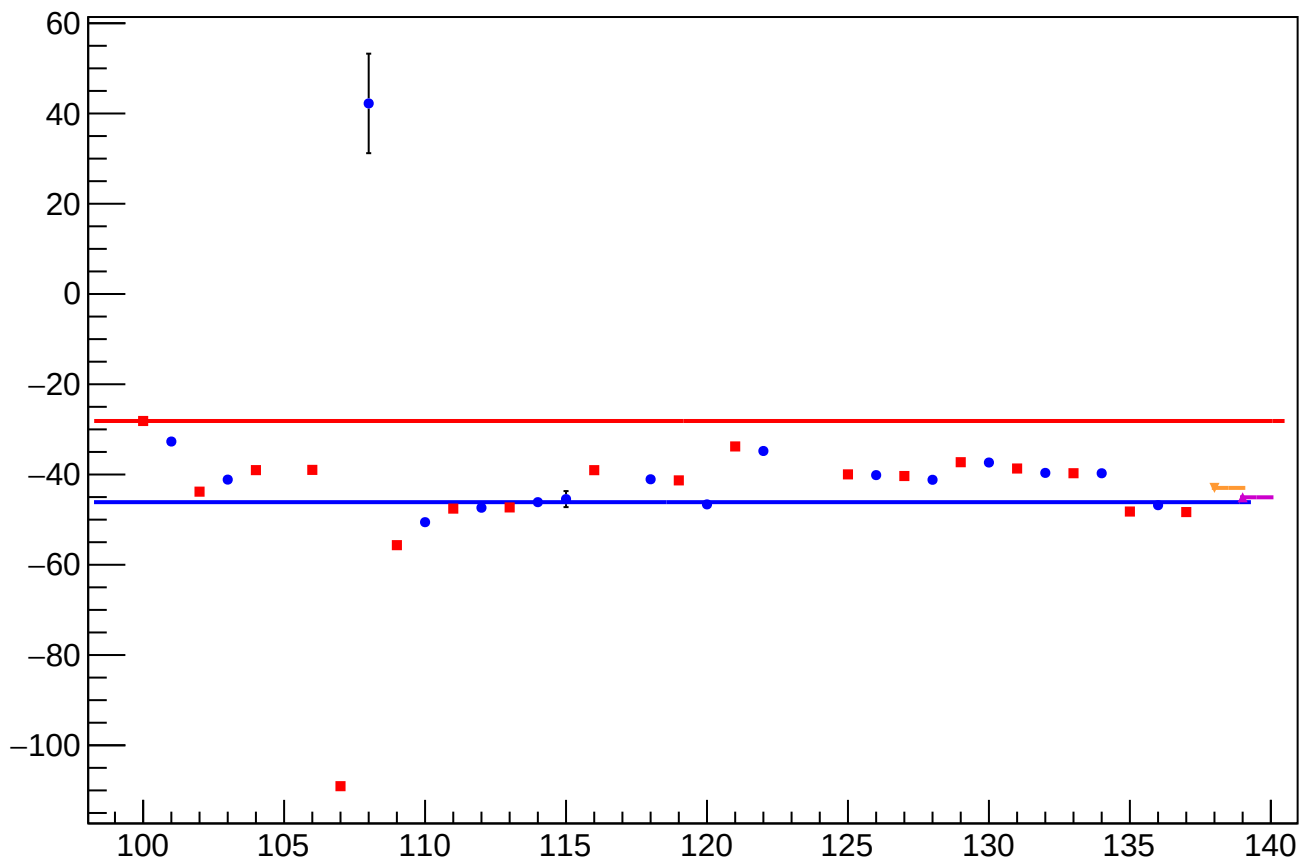
Right: 174.085+/-0.000 χ^2/NDF : 236460.5/33

In: 174.085+/-0.000 χ^2/NDF : 56543.2/16

Out: 152.457+/-0.191 χ^2/NDF : 171138.6/18

All: 174.085+/-0.000 χ^2/NDF : 240559.2/35

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: -45.050+/-0.112 χ^2/NDF : 0.0/0

Left: -43.024+/-0.018 χ^2/NDF : 335.2/1

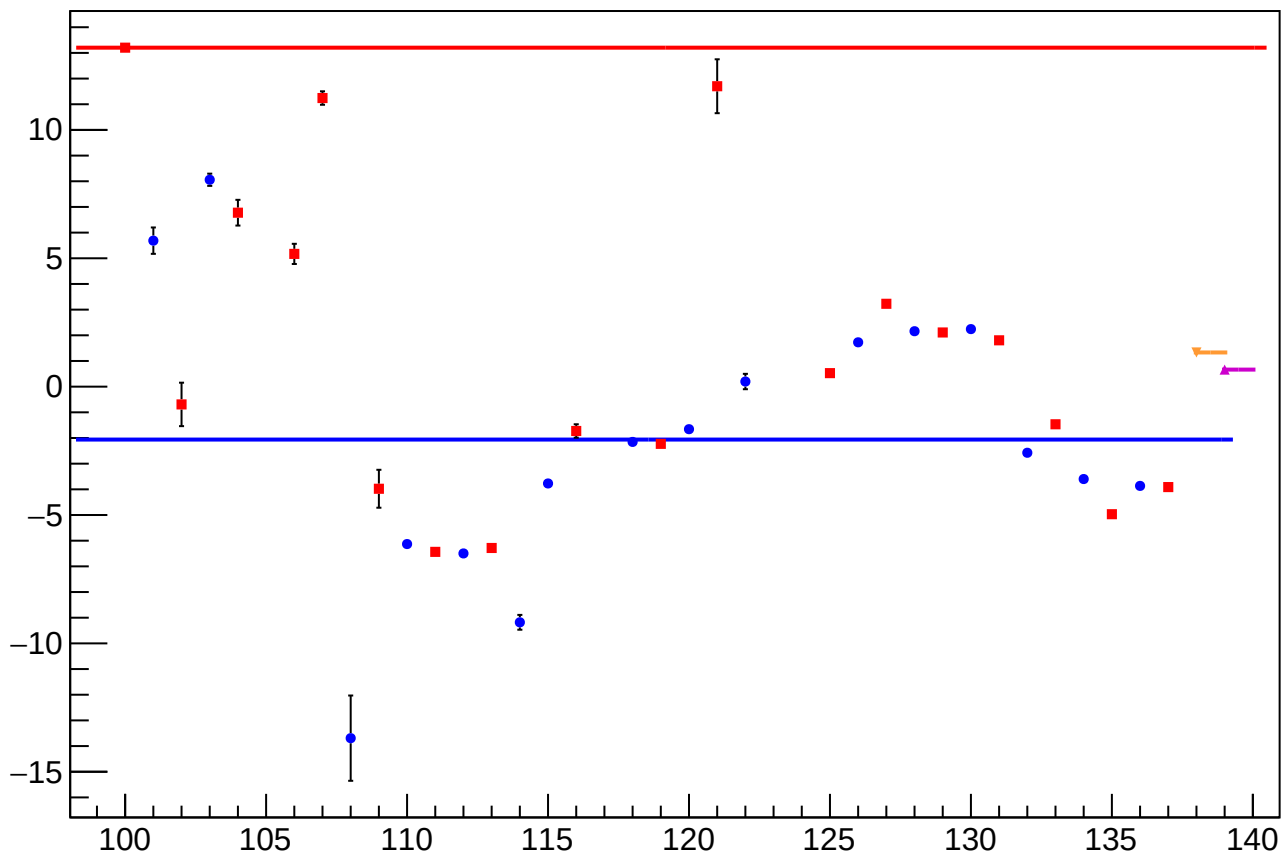
Right: -39.778+/-0.000 χ^2/NDF : 248795993231659

In: -46.126+/-0.000 χ^2/NDF : 201365.8/16

Out: -28.139+/-0.000 χ^2/NDF : 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: 0.664 ± 0.045 χ^2/NDF : 0.0/0

Left: 0.965 ± 0.033 χ^2/NDF : 100.8/1

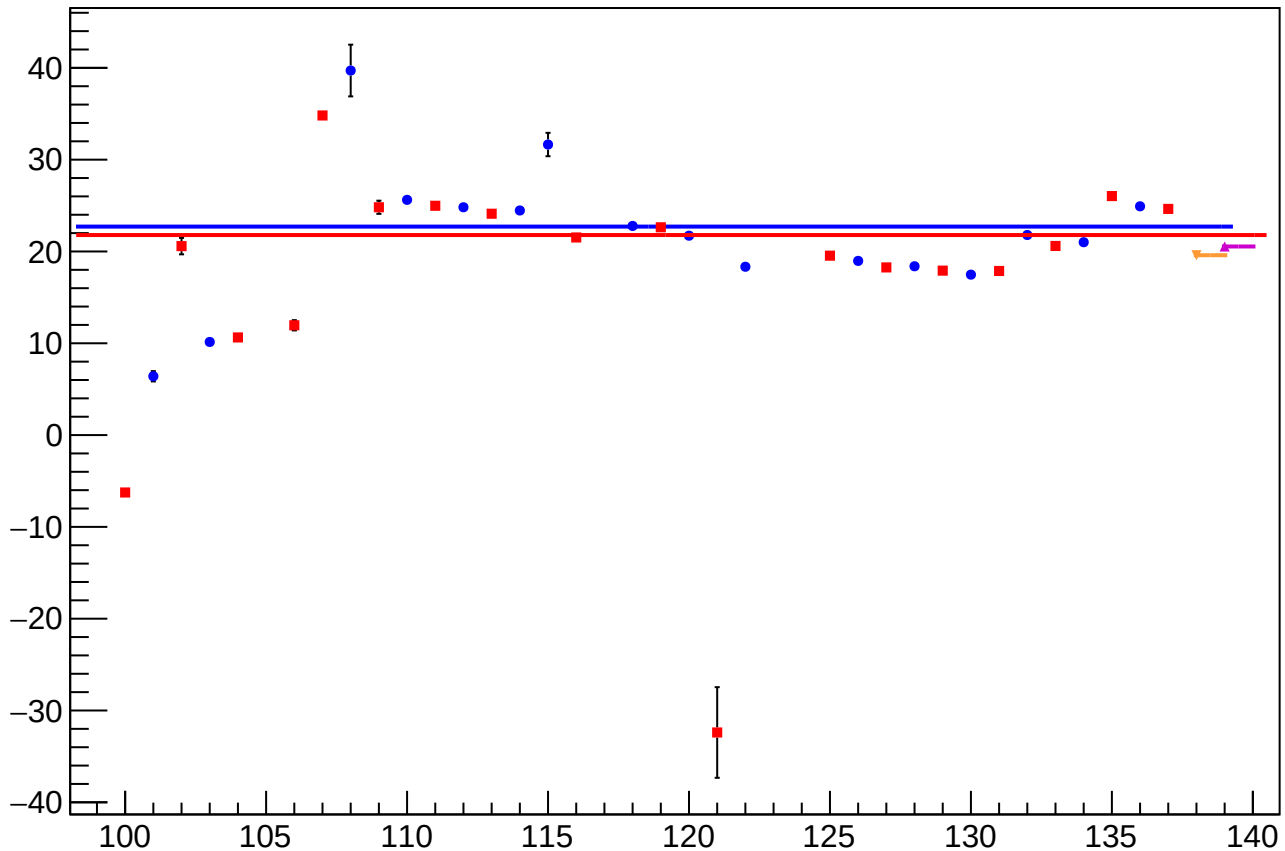
Right: 13.204 ± 0.000 χ^2/NDF : 1268800.5/33

In: -1.686 ± 0.017 χ^2/NDF : 28880.4/16

Out: 13.204 ± 0.000 χ^2/NDF : 567668.1/18

All: 13.204 ± 0.000 χ^2/NDF : 1405693.8/35

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: 20.544 $\pm$ 0.075 χ^2 /NDF:0.0/0

Left: 20.045 $\pm$ 0.052 χ^2 /NDF: 84.4/1

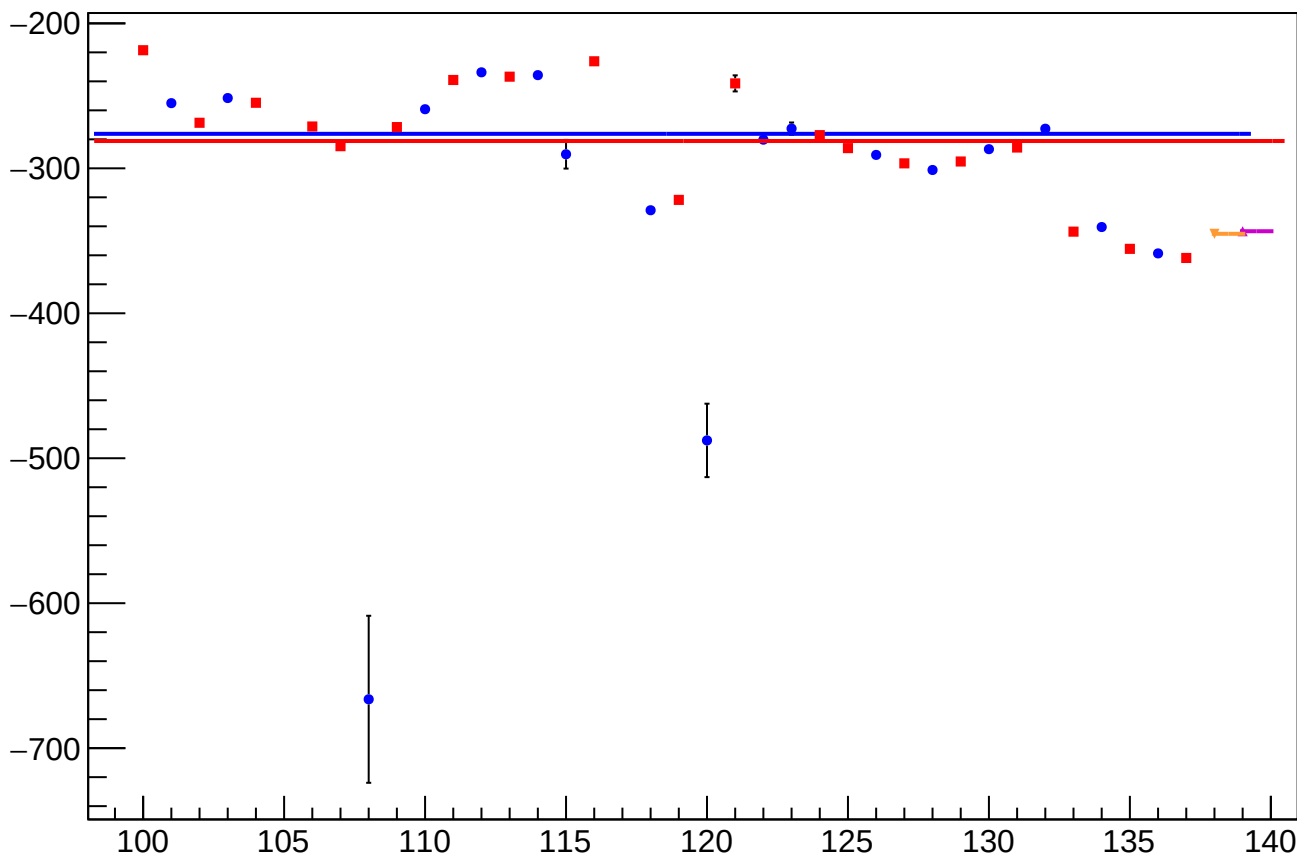
Right: 22.313 $\pm$ 0.014 χ^2 /NDF: 50478.1/33

In: 22.583 $\pm$ 0.018 χ^2 /NDF:23552.9/16

Out: 21.608 $\pm$ 0.021 χ^2 /NDF:27537.8/18

All: 22.156 $\pm$ 0.014 χ^2 /NDF: 52349.7/35

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: -343.392 ± 0.382 χ^2/NDF : 0.0/0

Left: -344.087 ± 0.299 χ^2/NDF : 8.5/1

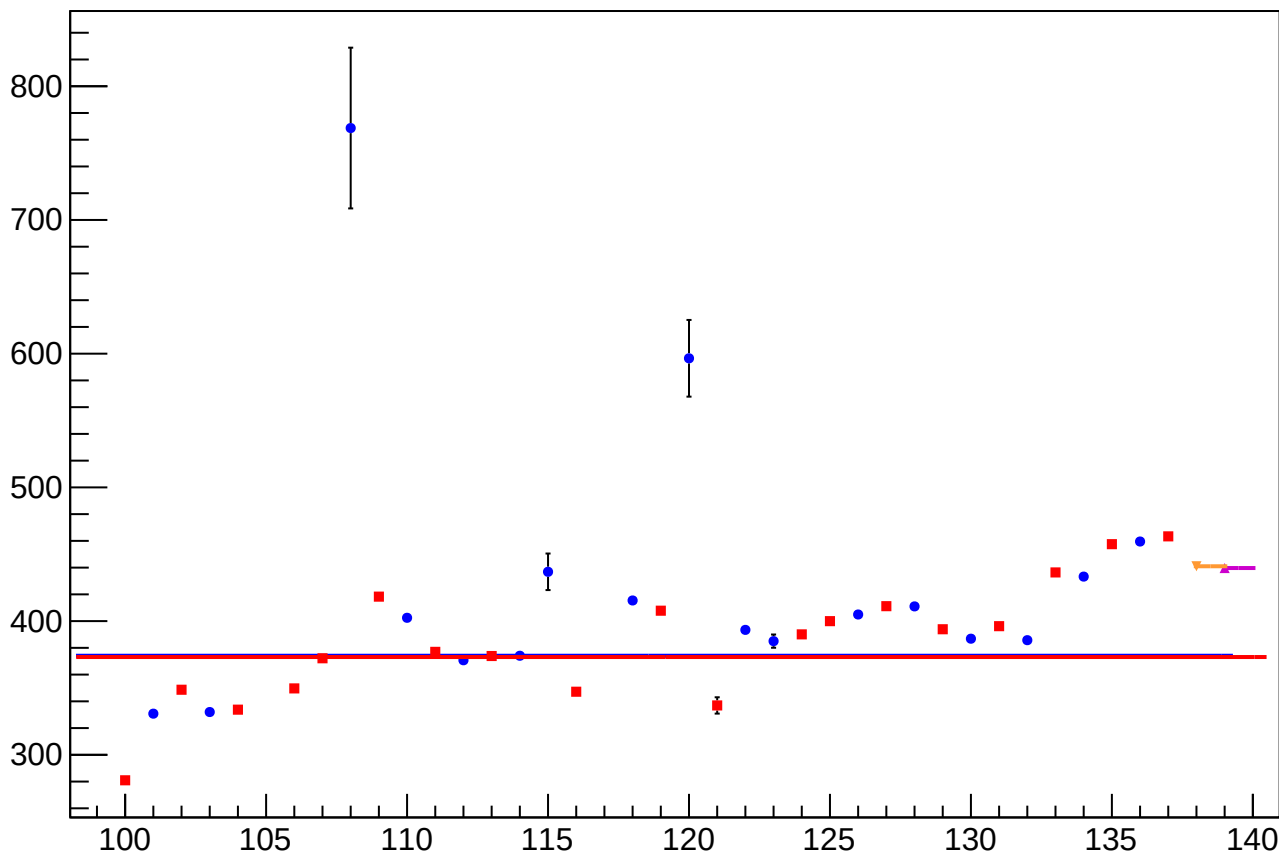
Right: -278.974 ± 0.110 χ^2/NDF : 136213.7/35

In: -286.914 ± 0.153 χ^2/NDF : 84051.6/17

Out: -286.722 ± 0.141 χ^2/NDF : 93996.2/19

All: -286.810 ± 0.104 χ^2/NDF : 178048.6/37

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: 439.690+/-0.394 χ^2/NDF : 0.0/0

Left: 440.168+/-0.315 χ^2/NDF : 4.1/1

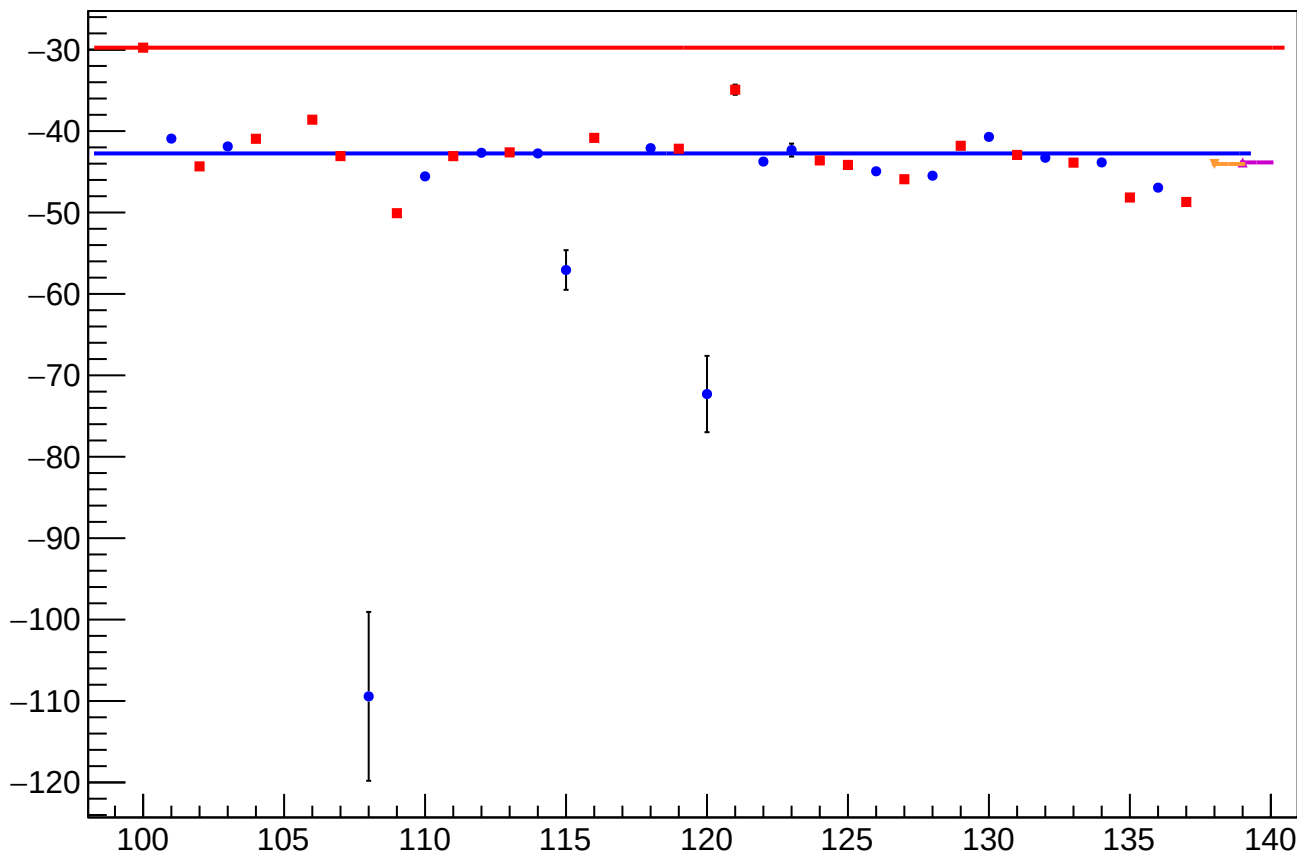
Right: 374.094+/-0.000 χ^2/NDF : 143328.3/35

In: 374.094+/-0.000 χ^2/NDF : 62749.2/17

Out: 378.808+/-0.151 χ^2/NDF : 123656.8/19

All: 374.094+/-0.000 χ^2/NDF : 187378.2/37

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -44.039+/-0.025 χ^2/NDF : 0.0/0

Right Out: -29.754+/-0.000 χ^2/NDF : 483930.3/18

Left In: -43.849+/-0.026 χ^2/NDF : 0.0/0

Left: -43.945+/-0.018 χ^2/NDF : 28.0/1

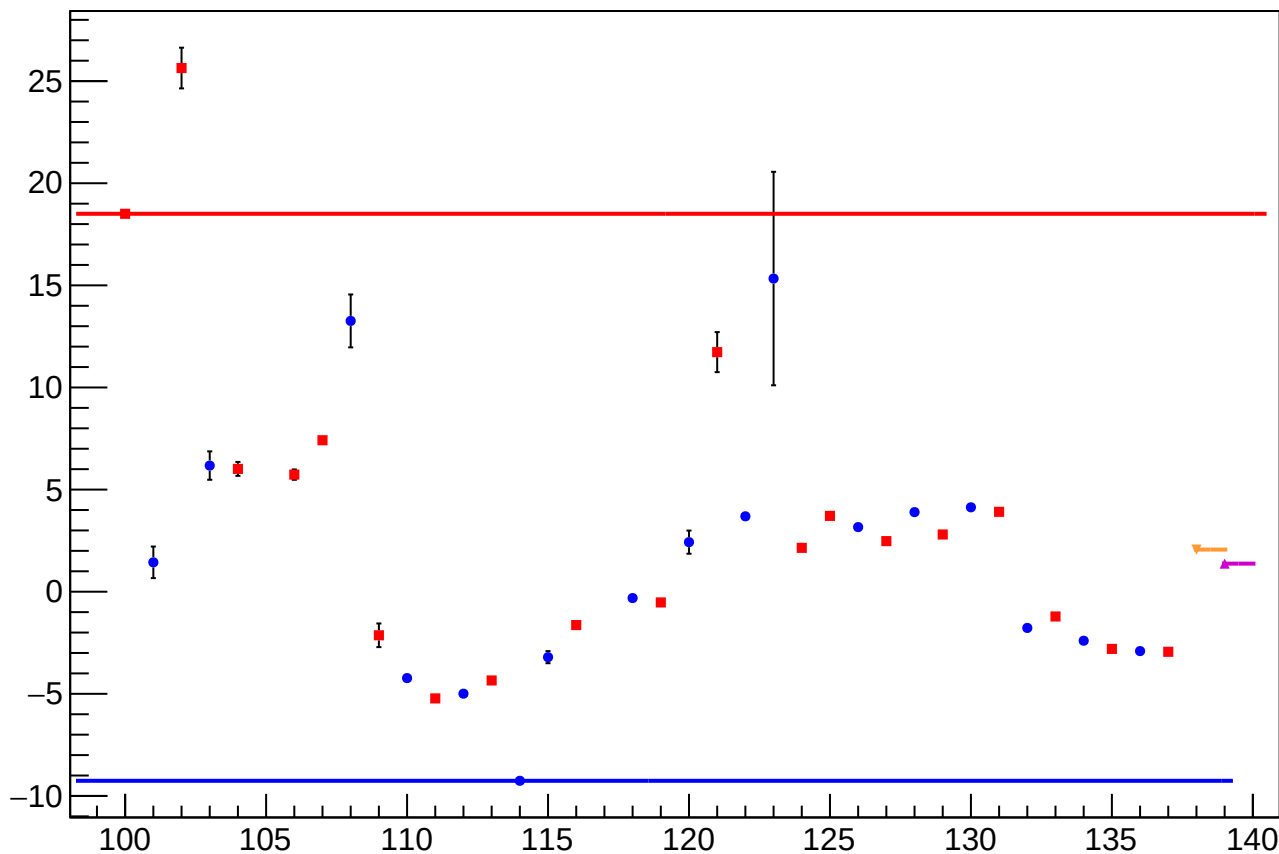
Right: -38.159+/-0.000 χ^2/NDF : 129765212680709

In: -42.744+/-0.000 χ^2/NDF : 15121.0/17

Out: -29.754+/-0.000 χ^2/NDF : 805468.9/19

All: -38.159+/-0.000 χ^2/NDF : 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF : 405850.5/16

Left Out: 2.063+/-0.035 χ^2/NDF :0.0/0

Right Out: 18.504+/-0.000 χ^2/NDF : 7366781.0/18

Left In: 1.375+/-0.043 χ^2/NDF :0.0/0

Left: 1.791+/-0.027 χ^2/NDF : 152.3/1

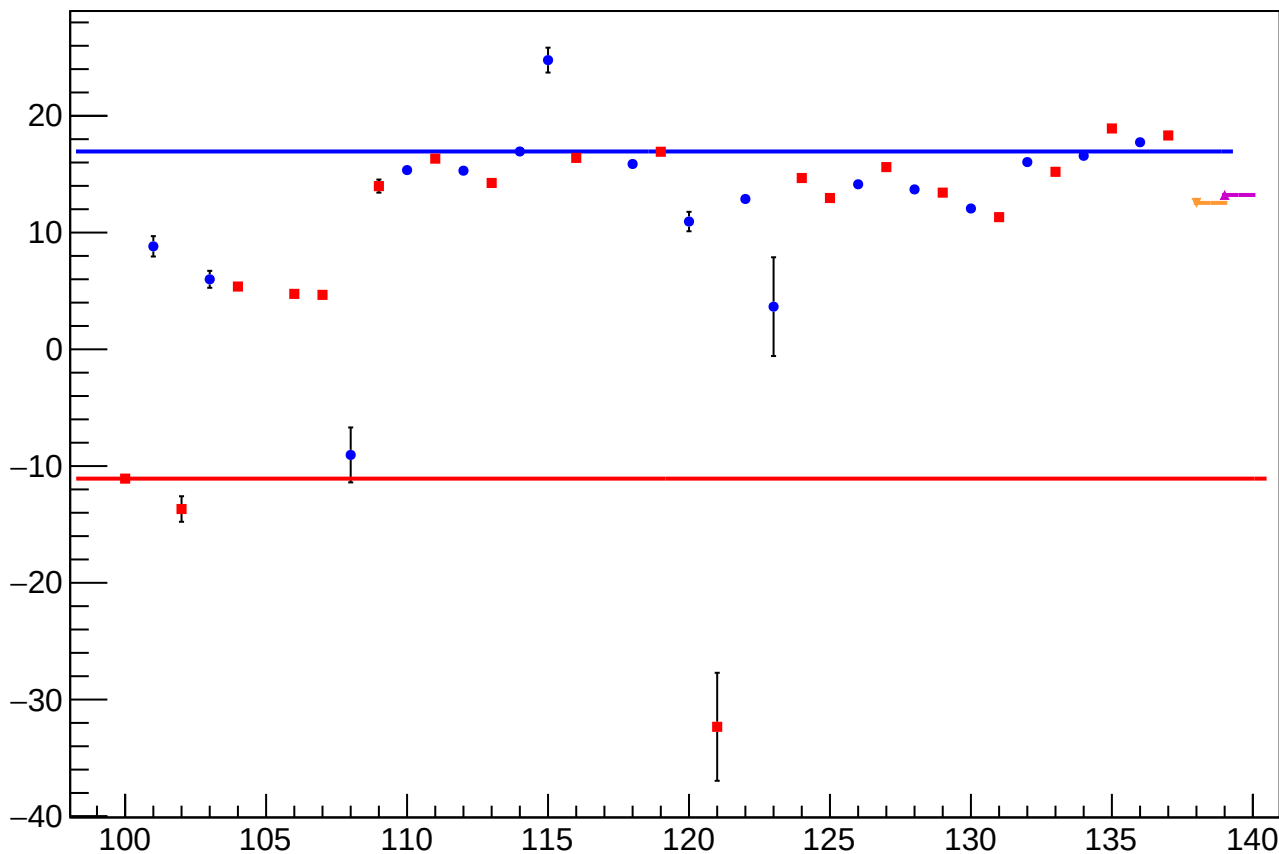
Right: 6.039+/-0.000 χ^2/NDF : 16450574505955581

In: -9.259+/-0.000 χ^2/NDF :466072.5/17

Out: 18.504+/-0.000 χ^2/NDF :7587454.4/19

All: 6.039+/-0.000 χ^2/NDF : 16450574505955581

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 12.541 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

Left In: 13.221 $\pm$ 0.043 χ^2 /NDF: 0.0/0

Left: 12.750 $\pm$ 0.024 χ^2 /NDF: 171.1/1

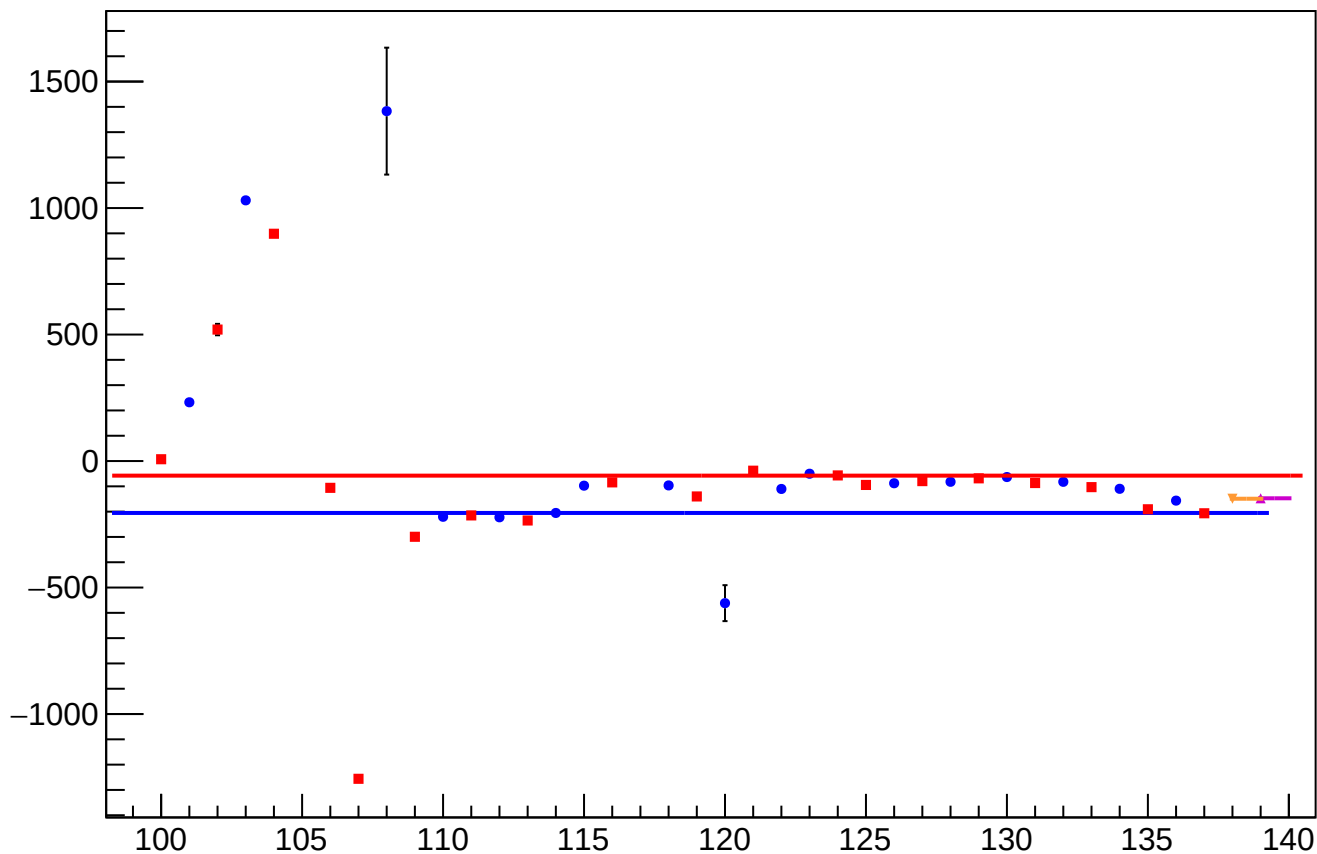
Right: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635666

In: 16.947 $\pm$ 0.000 χ^2 /NDF: 18633.8/17

Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 3380675.0/19

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -148.958+/-0.705 χ^2/NDF : 0.0/0

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

Left In: -147.214+/-1.560 χ^2/NDF : 0.0/0

Left: -148.662+/-0.642 χ^2/NDF : 1.0/1

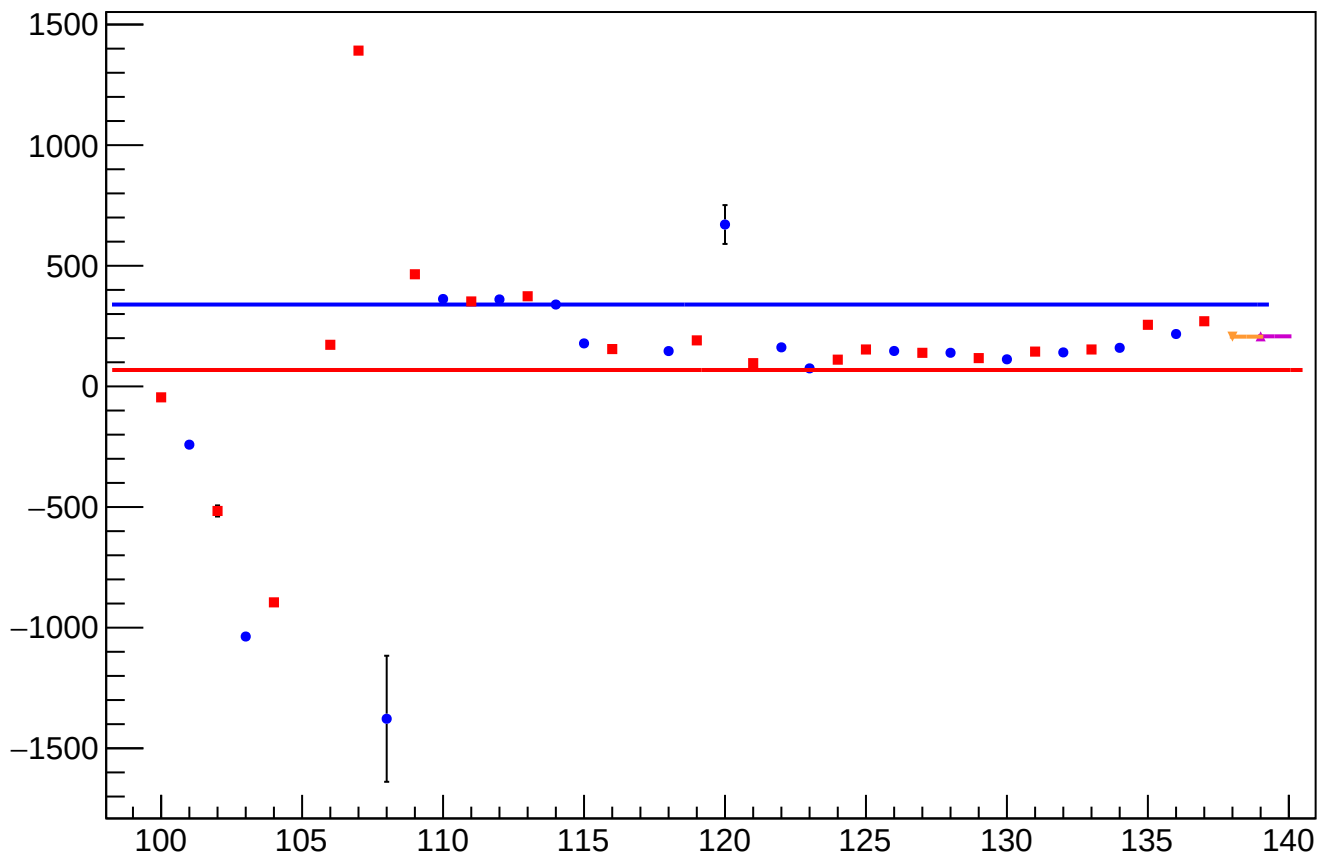
Right: -205.160+/-0.000 χ^2/NDF : 968522.3/35

In: -205.160+/-0.000 χ^2/NDF : 584155.1/17

Out: -70.389+/-0.263 χ^2/NDF : 129297.9/19

All: -205.160+/-0.000 χ^2/NDF : 976263.3/37

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: 207.584+/-1.672 χ^2/NDF : 0.0/0

Left: 206.441+/-0.654 χ^2/NDF : 0.6/1

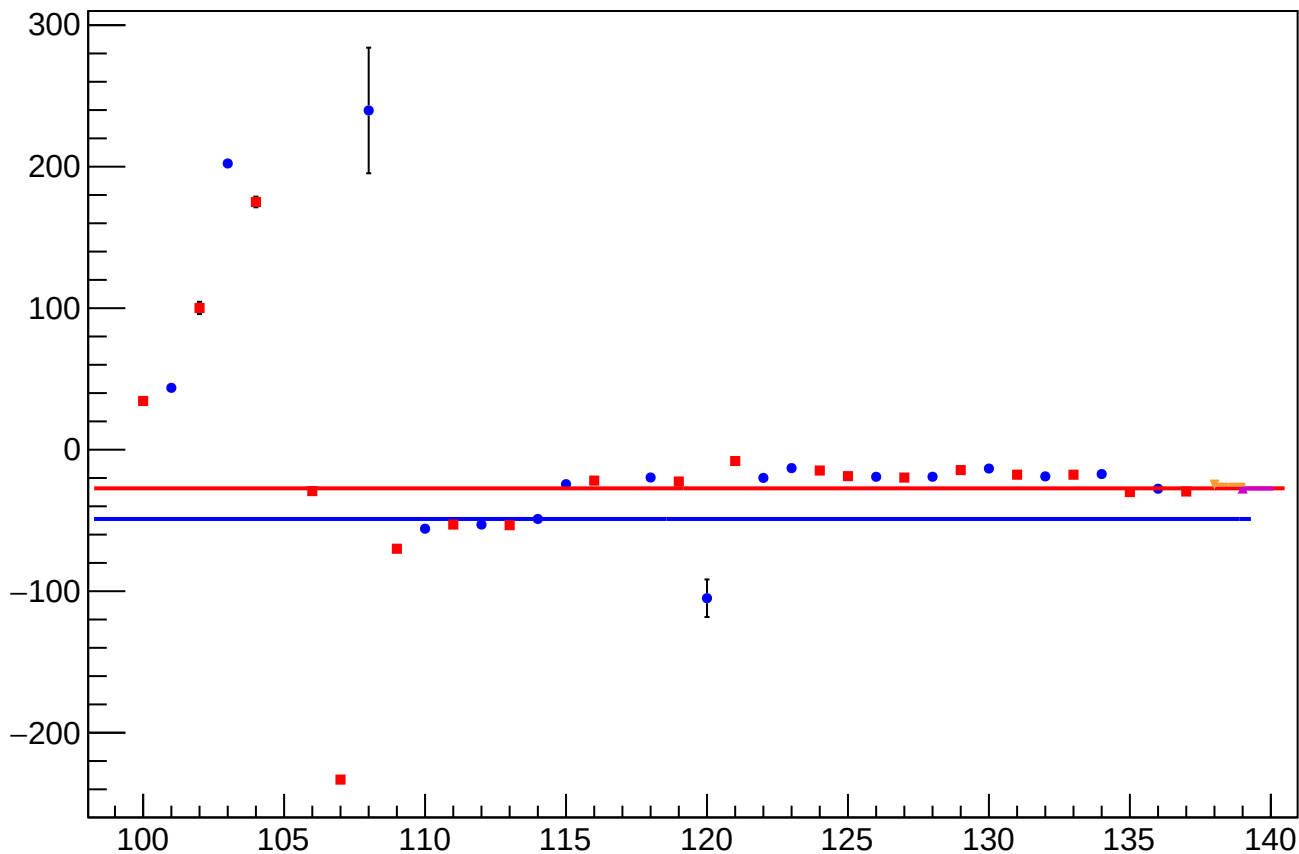
Right: 339.325+/-0.000 χ^2/NDF : 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF : 1036816.0/17

Out: 87.280+/-0.265 χ^2/NDF : 304850.1/19

All: 339.325+/-0.000 χ^2/NDF : 2243532.9/37

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: -27.446+/-0.144 χ^2/NDF : 0.0/0

Left: -24.766+/-0.025 χ^2/NDF : 354.7/1

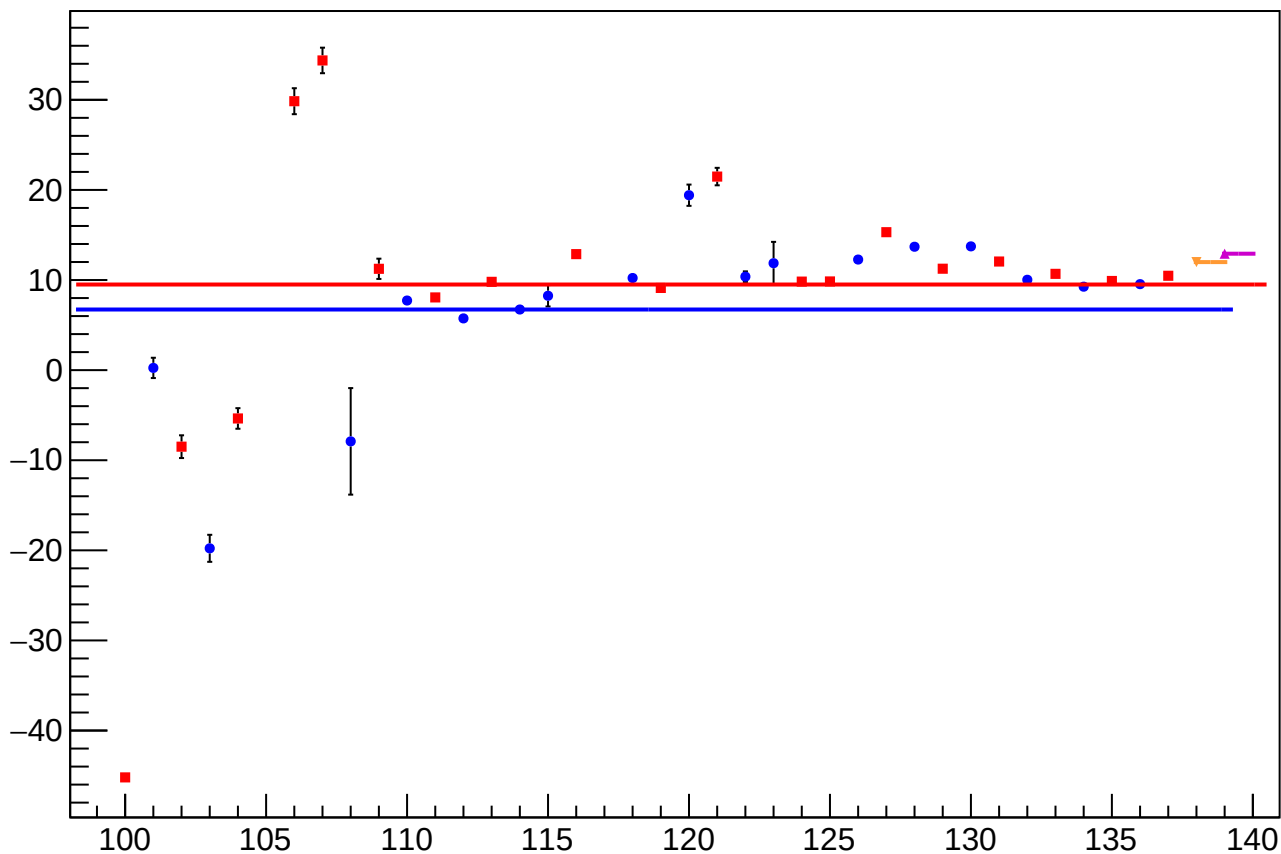
Right: -48.945+/-0.000 χ^2/NDF : 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF : 5430532.7/17

Out: -25.184+/-0.023 χ^2/NDF : 169955.5/19

All: -48.945+/-0.000 χ^2/NDF : 6710123.4/37

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 11.991 $\pm$ 0.073 χ^2 /NDF:0.0/0

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

Left In: 12.922 $\pm$ 0.081 χ^2 /NDF:0.0/0

Left: 12.411 $\pm$ 0.054 χ^2 /NDF: 72.9/1

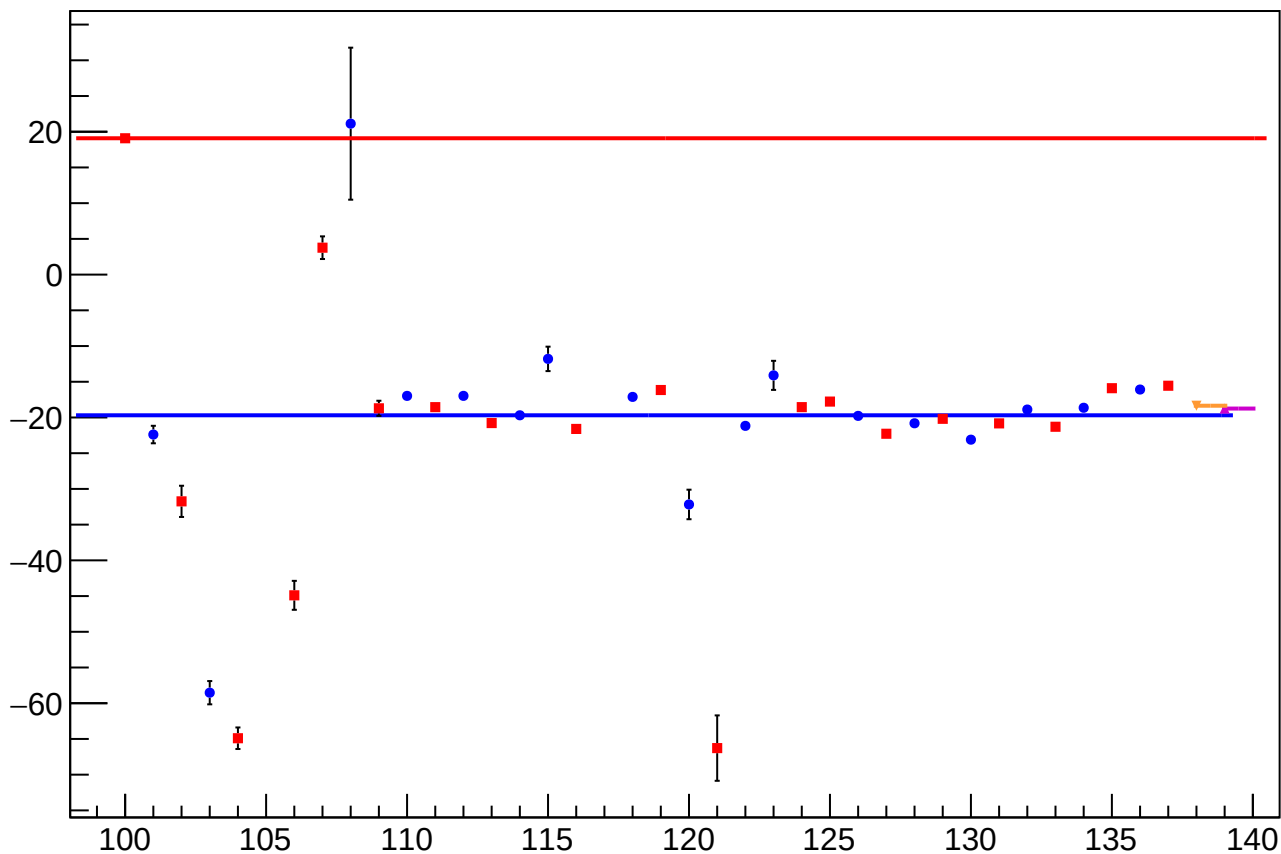
Right: 6.728 $\pm$ 0.000 χ^2 /NDF: 46635.2/35

In: 6.728 $\pm$ 0.000 χ^2 /NDF:19629.2/17

Out: 9.979 $\pm$ 0.032 χ^2 /NDF:27758.2/19

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 57691.0/37

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: -18.751 ± 0.105 χ^2/NDF : 0.0/0

Left: -18.580 ± 0.079 χ^2/NDF : 6.2/1

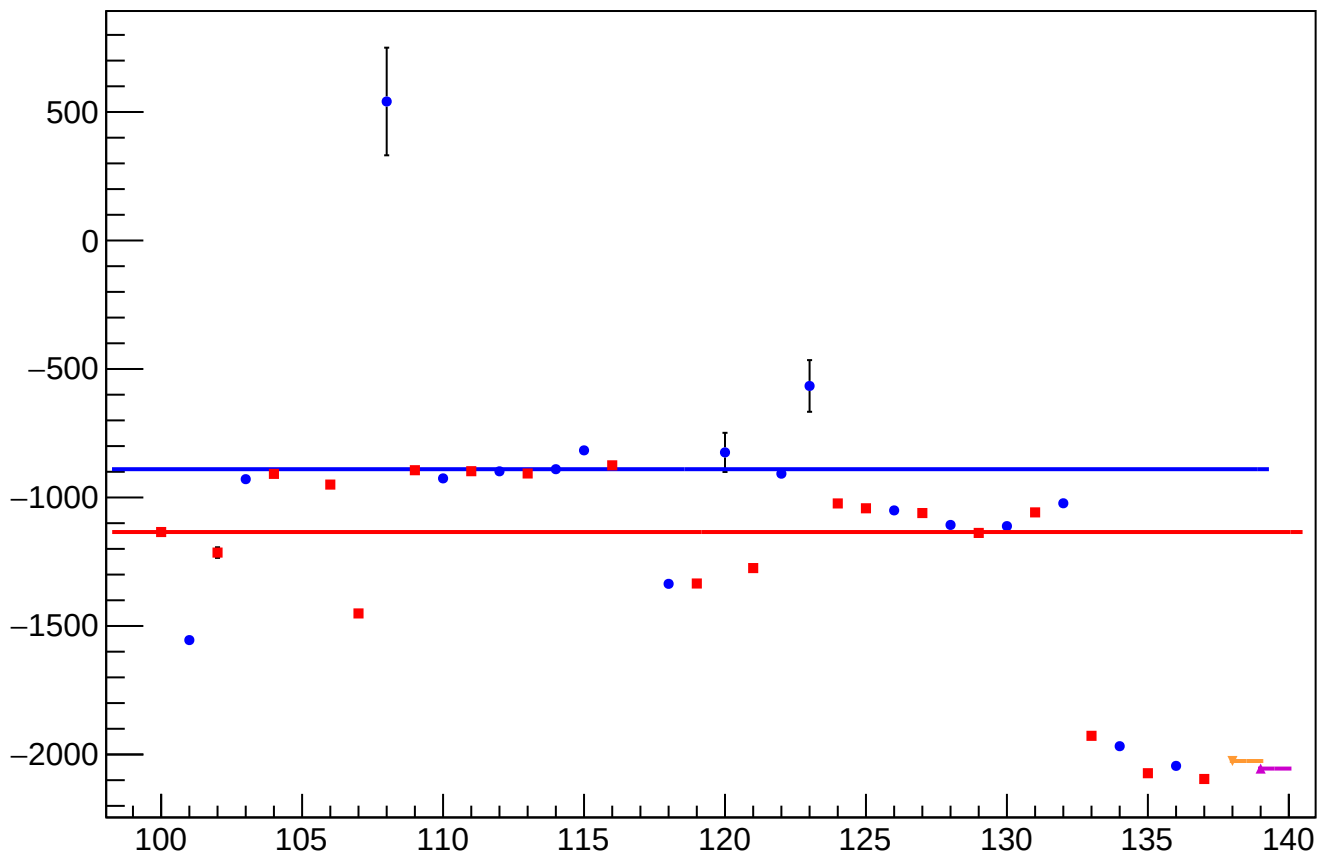
Right: -6.006 ± 0.000 χ^2/NDF : 4625637731292657

In: -19.693 ± 0.000 χ^2/NDF : 7659.5/17

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: -2054.841+/-1.795 χ^2/NDF : 0.0/0

Left: -2043.751+/-1.417 χ^2/NDF : 101.4/1

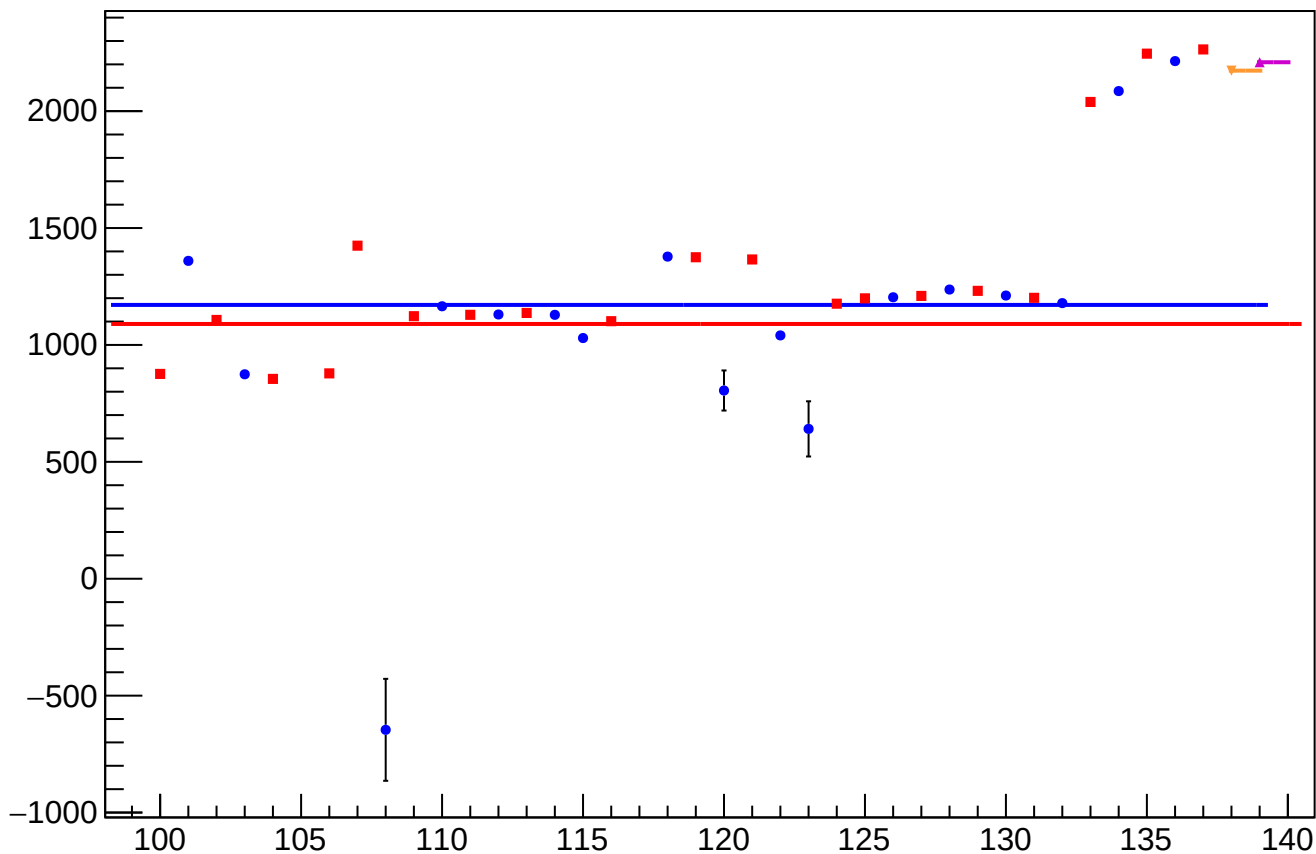
Right: -976.220+/-0.000 χ^2/NDF : 44889787387498

In: -889.928+/-0.000 χ^2/NDF : 1197221.4/17

Out: -1134.421+/-0.000 χ^2/NDF : 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: 2209.166 $\pm$ 1.922 χ^2 /NDF:0.0/0

Left: 2194.097 $\pm$ 1.465 χ^2 /NDF: 146.6/1

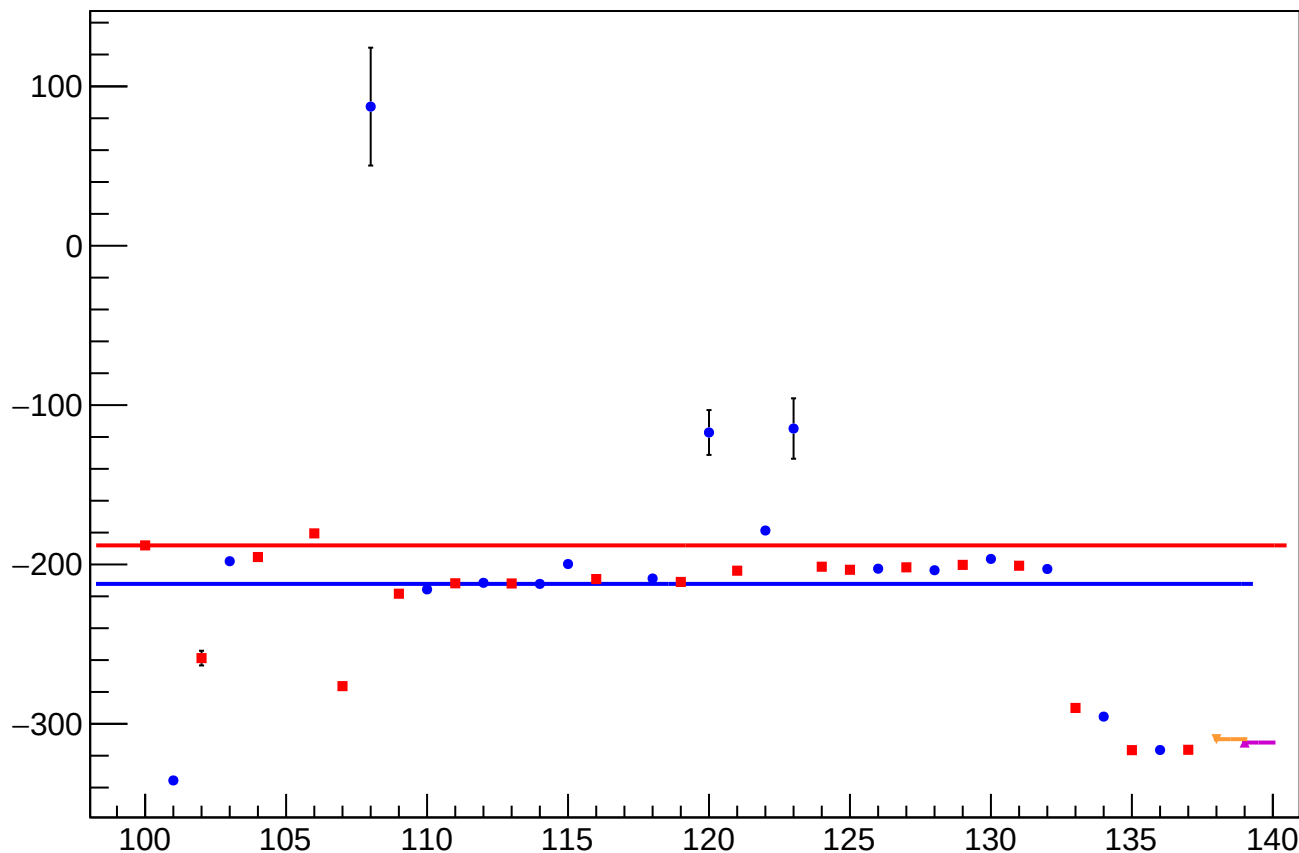
Right: 1131.764 $\pm$ 0.176 χ^2 /NDF: 1662665.0/35

In: 1187.832 $\pm$ 0.243 χ^2 /NDF:795935.7/17

Out: 1103.132 $\pm$ 0.252 χ^2 /NDF:1326810.4/19

All: 1146.930 $\pm$ 0.175 χ^2 /NDF: 2181224.6/37

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: -311.748 ± 0.195 $\chi^2/\text{NDF}: 0.0/0$

Left: -309.917 ± 0.071 $\chi^2/\text{NDF}: 102.2/1$

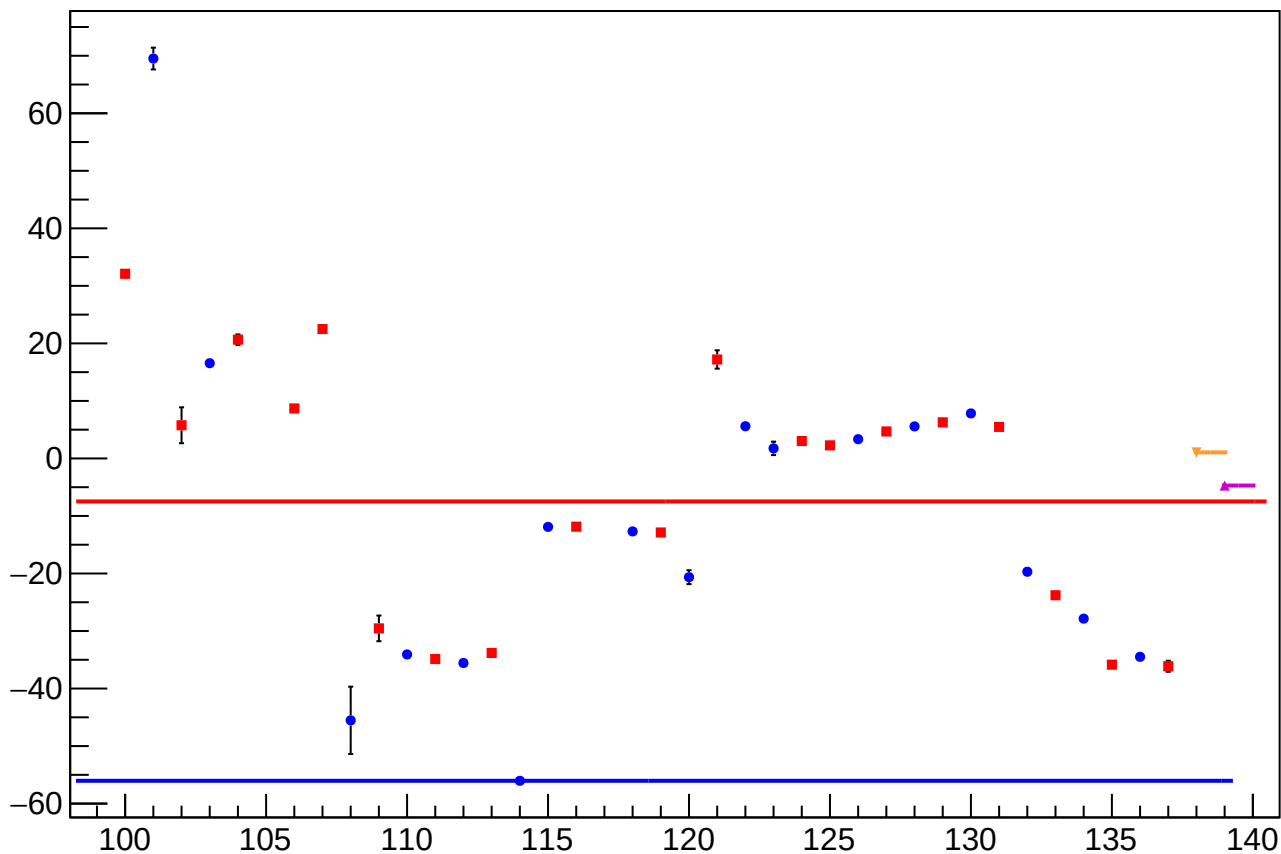
Right: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625661$

In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1411026.2/17$

Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 3125023.9/19$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF : 1585420.7/16

Left Out: 1.050+/-0.391 χ^2/NDF : 0.0/0

Right Out: -7.476+/-0.042 χ^2/NDF : 173893.8/18

Left In: -4.712+/-0.161 χ^2/NDF : 0.0/0

Left: -3.876+/-0.149 χ^2/NDF : 185.4/1

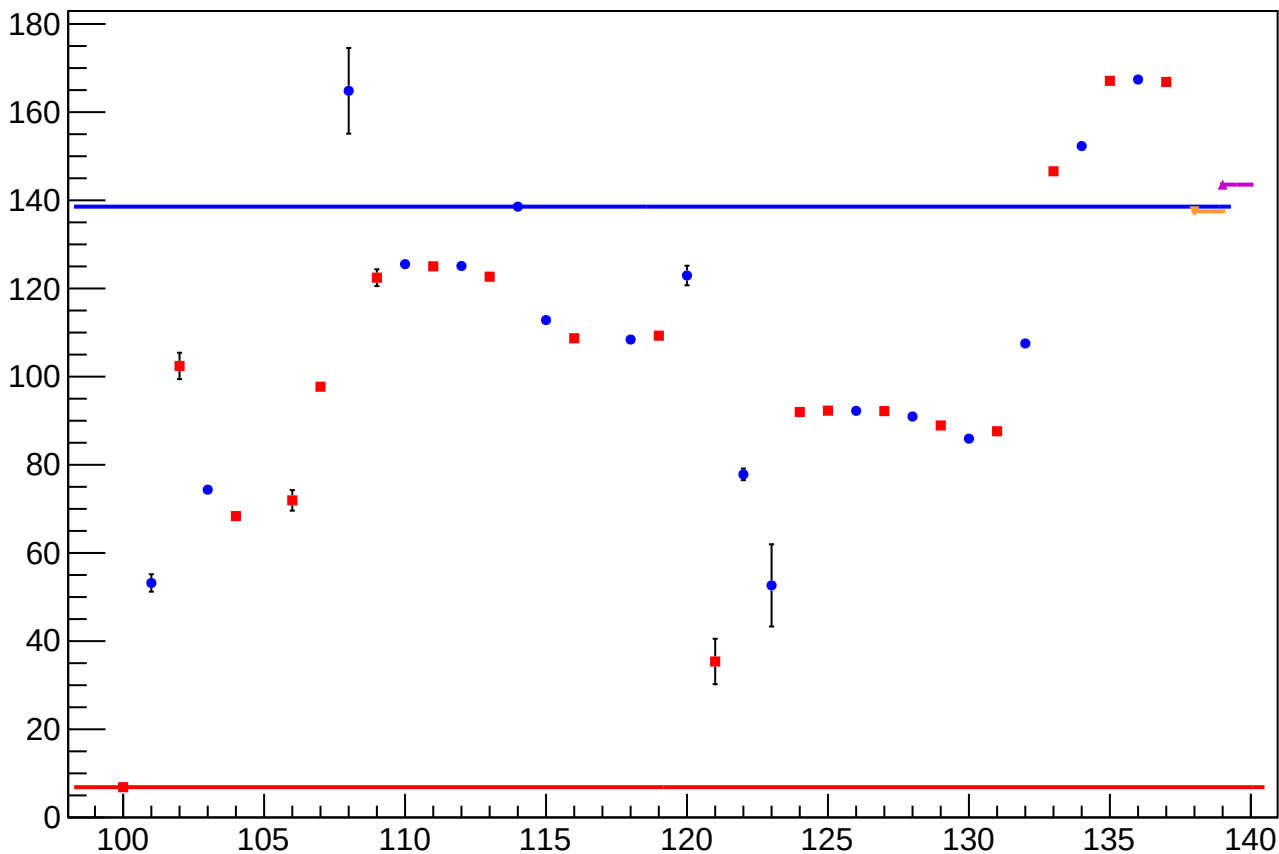
Right: -56.037+/-0.000 χ^2/NDF : 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF : 1686866.3/17

Out: -7.378+/-0.042 χ^2/NDF : 174363.2/19

All: -56.037+/-0.000 χ^2/NDF : 3207612.6/37

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 137.492 $\pm$ 0.354 χ^2 /NDF:0.0/0

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

Left In: 143.562 $\pm$ 0.176 χ^2 /NDF:0.0/0

Left: 142.361 $\pm$ 0.157 χ^2 /NDF: 235.9/1

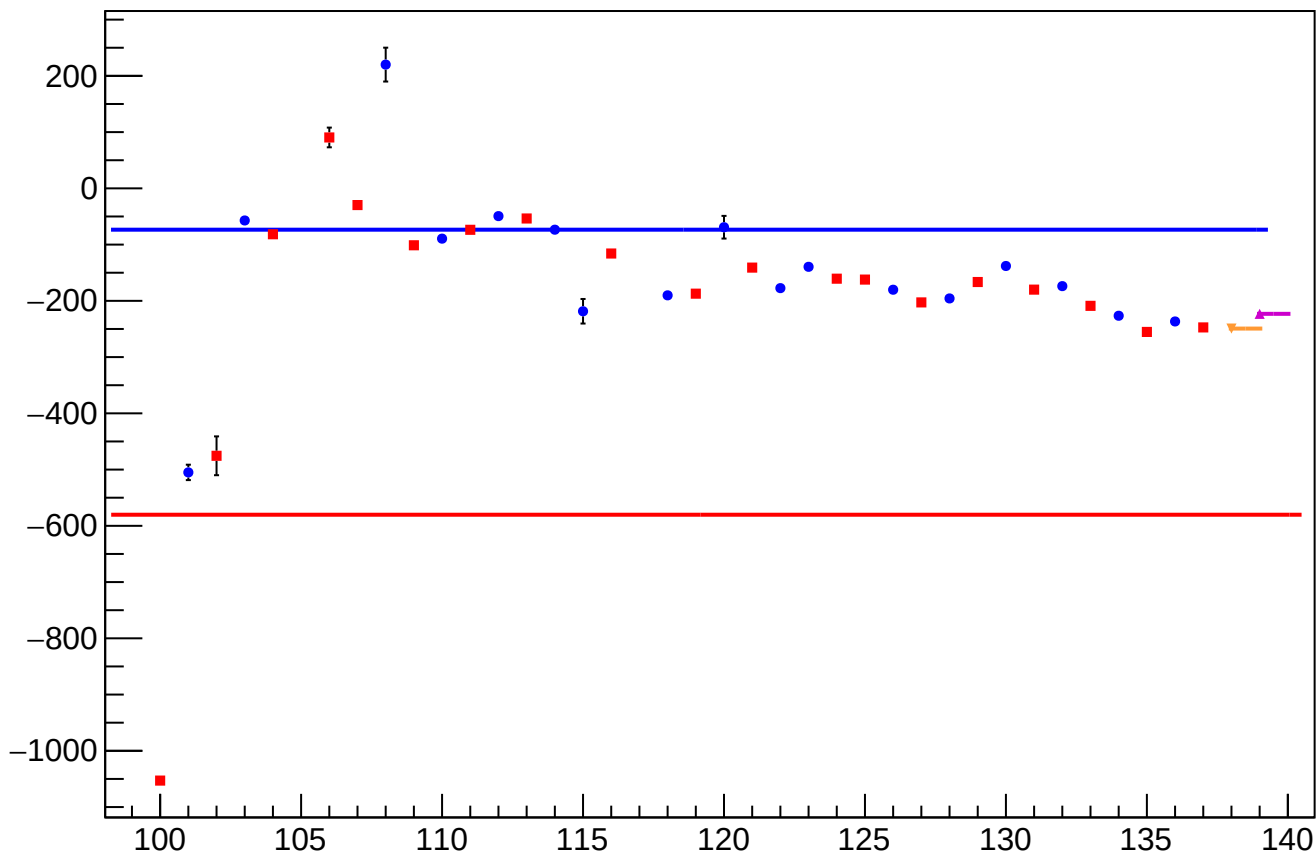
Right: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

In: 138.565 $\pm$ 0.000 χ^2 /NDF:901967.8/17

Out: 6.866 $\pm$ 0.000 χ^2 /NDF:8183601.3/19

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -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: -223.096 ± 1.771 $\chi^2/\text{NDF}: 0.0/0$

Left: -244.960 ± 0.720 $\chi^2/\text{NDF}: 182.6/1$

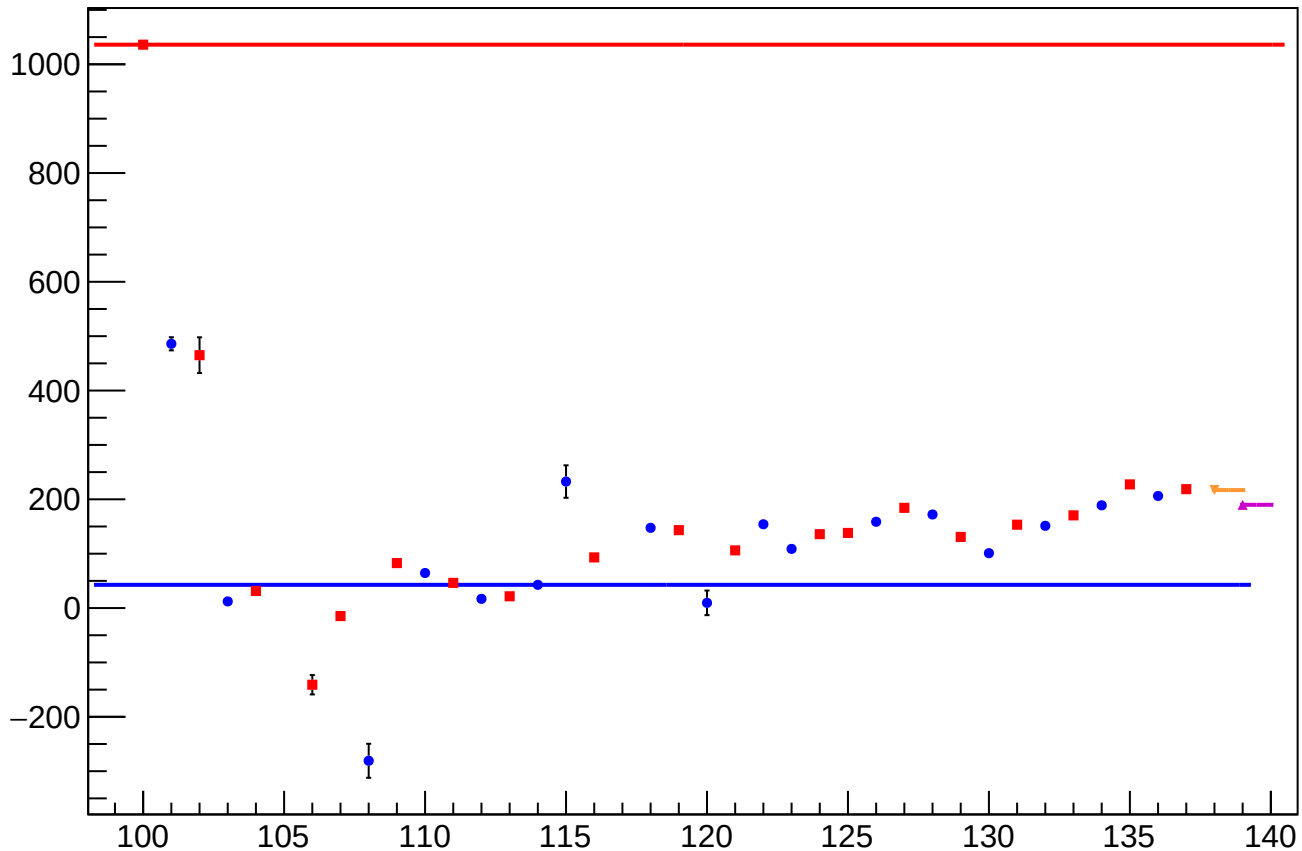
Right: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6902096.9/35$

In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 105842.0/17$

Out: -547.531 ± 0.248 $\chi^2/\text{NDF}: 3190710.7/19$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6959048.7/37$

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: 189.887+/-1.815 χ^2/NDF : 0.0/0

Left: 212.513+/-0.739 χ^2/NDF : 186.3/1

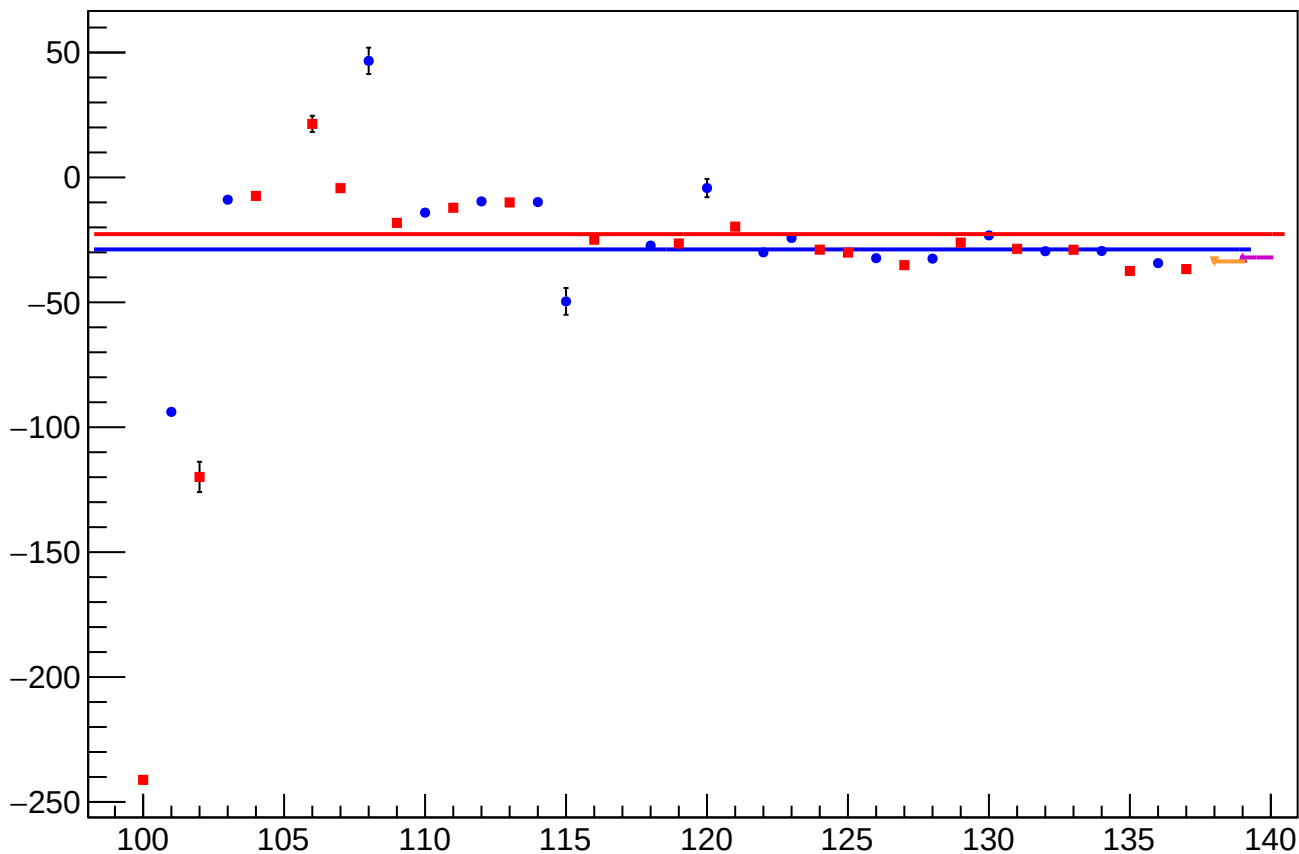
Right: 43.272+/-0.000 χ^2/NDF : 1144517497266833

In: 42.743+/-0.000 χ^2/NDF : 91173.5/17

Out: 1036.068+/-0.000 χ^2/NDF : 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 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -33.631 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

Left In: -32.045 ± 0.060 $\chi^2/\text{NDF}: 0.0/0$

Left: -33.189 ± 0.032 $\chi^2/\text{NDF}: 499.4/1$

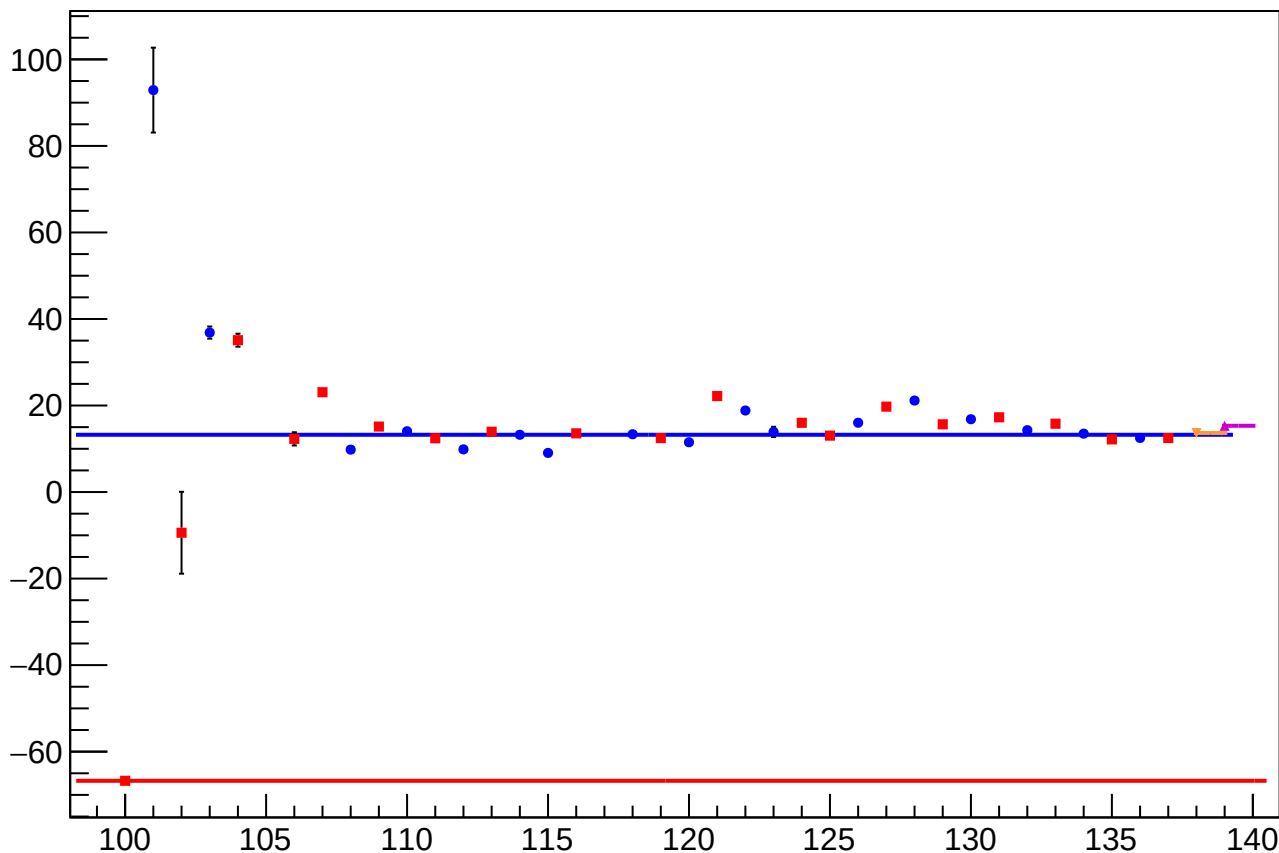
Right: -26.045 ± 0.026 $\chi^2/\text{NDF}: 473753.1/35$

In: -29.626 ± 0.030 $\chi^2/\text{NDF}: 51648.2/17$

Out: -28.254 ± 0.027 $\chi^2/\text{NDF}: 451957.9/19$

All: -28.858 ± 0.020 $\chi^2/\text{NDF}: 504767.4/37$

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: 15.317 $\pm$ 0.072 χ^2 /NDF:0.0/0

Left: 14.966 $\pm$ 0.064 χ^2 /NDF: 112.7/1

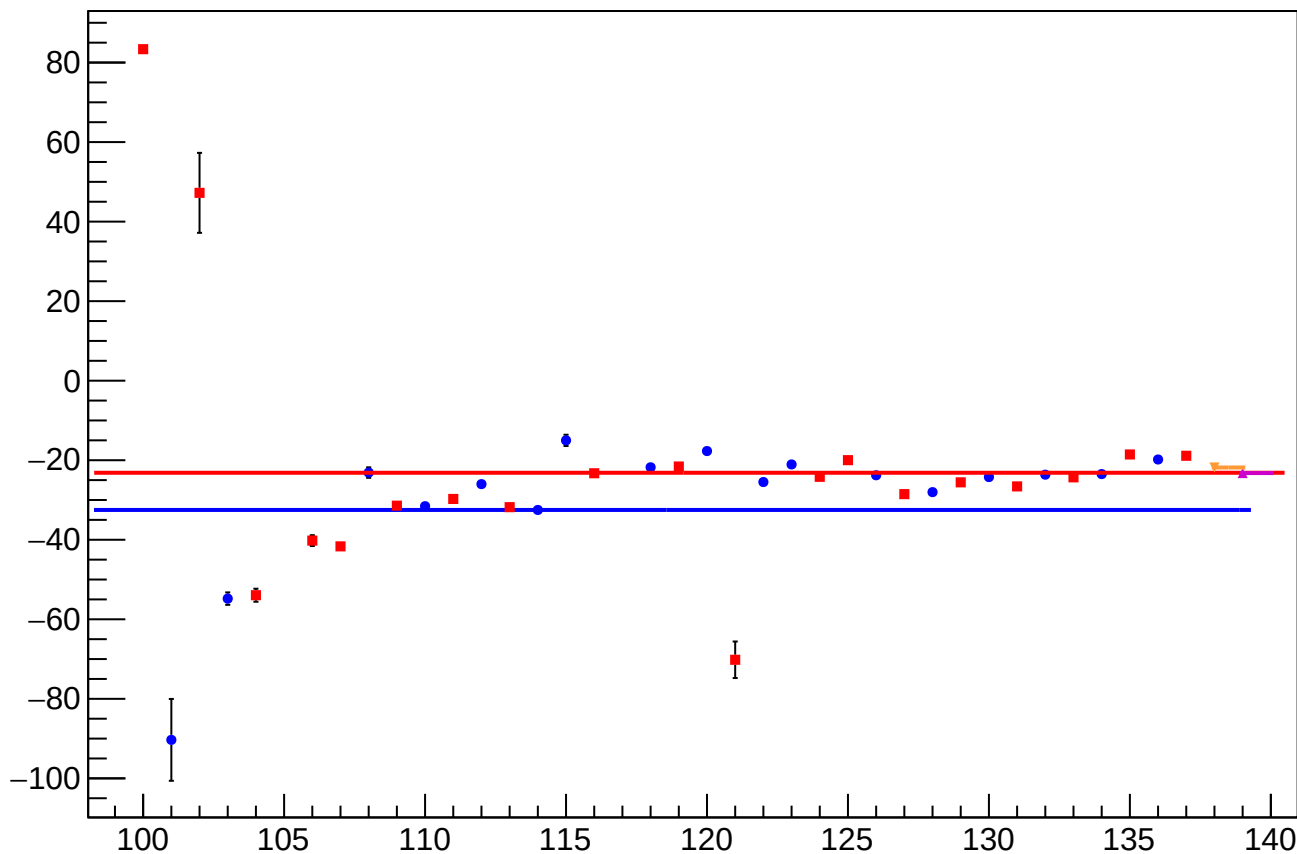
Right: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651005

In: 13.238 $\pm$ 0.000 χ^2 /NDF:6583.4/17

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 $\chi^2/\text{NDF}: 74187.4/16$

Left Out: -21.827 ± 0.121 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -23.151 ± 0.048 $\chi^2/\text{NDF}: 90749.4/18$

Left In: -23.230 ± 0.100 $\chi^2/\text{NDF}: 0.0/0$

Left: -22.660 ± 0.077 $\chi^2/\text{NDF}: 79.3/1$

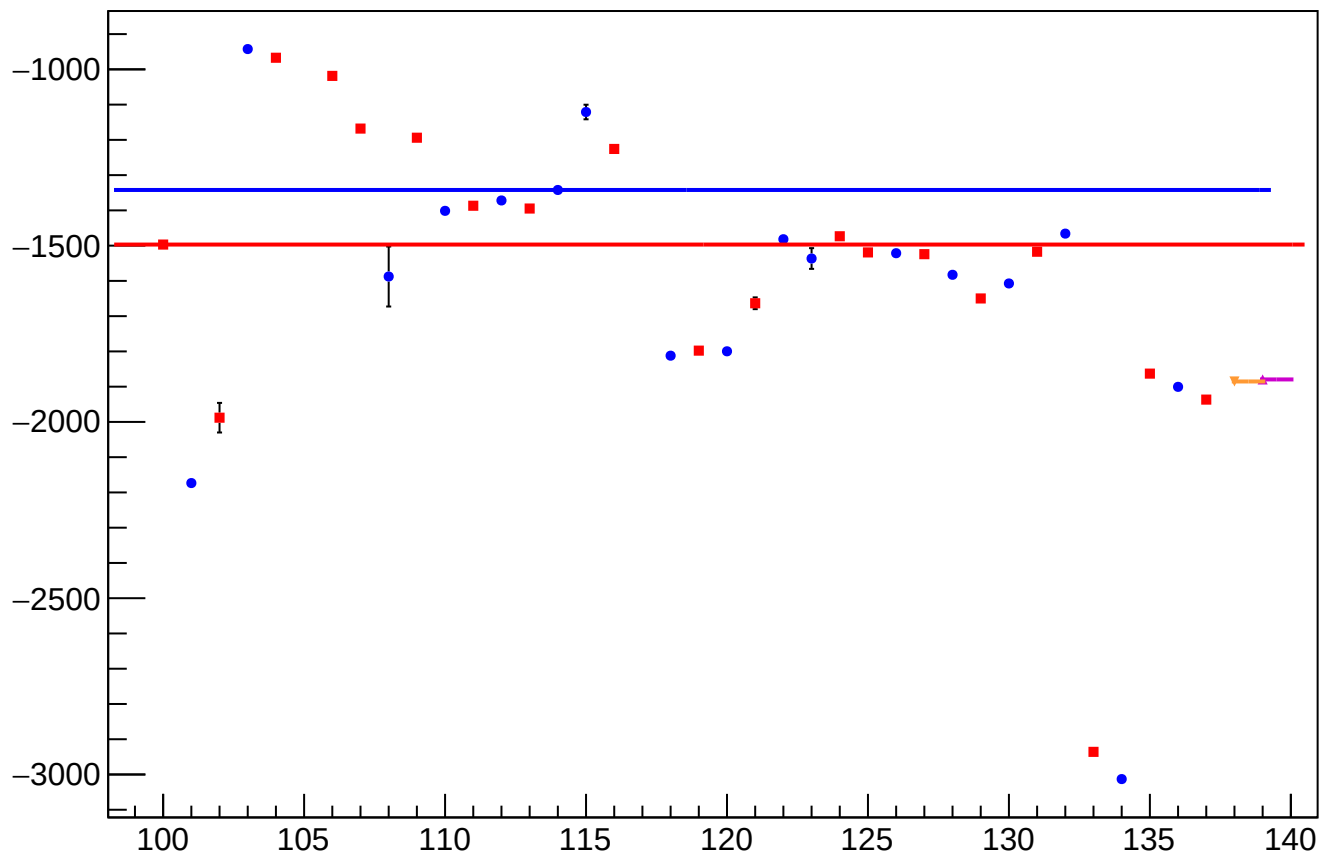
Right: -32.504 ± 0.000 $\chi^2/\text{NDF}: 203519.3/35$

In: -32.504 ± 0.000 $\chi^2/\text{NDF}: 82709.7/17$

Out: -22.975 ± 0.044 $\chi^2/\text{NDF}: 90852.4/19$

All: -32.504 ± 0.000 $\chi^2/\text{NDF}: 219776.6/37$

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: -1879.494+/-1.108 χ^2/NDF :0.0/0

Left: -1880.377+/-1.020 χ^2/NDF : 4.2/1

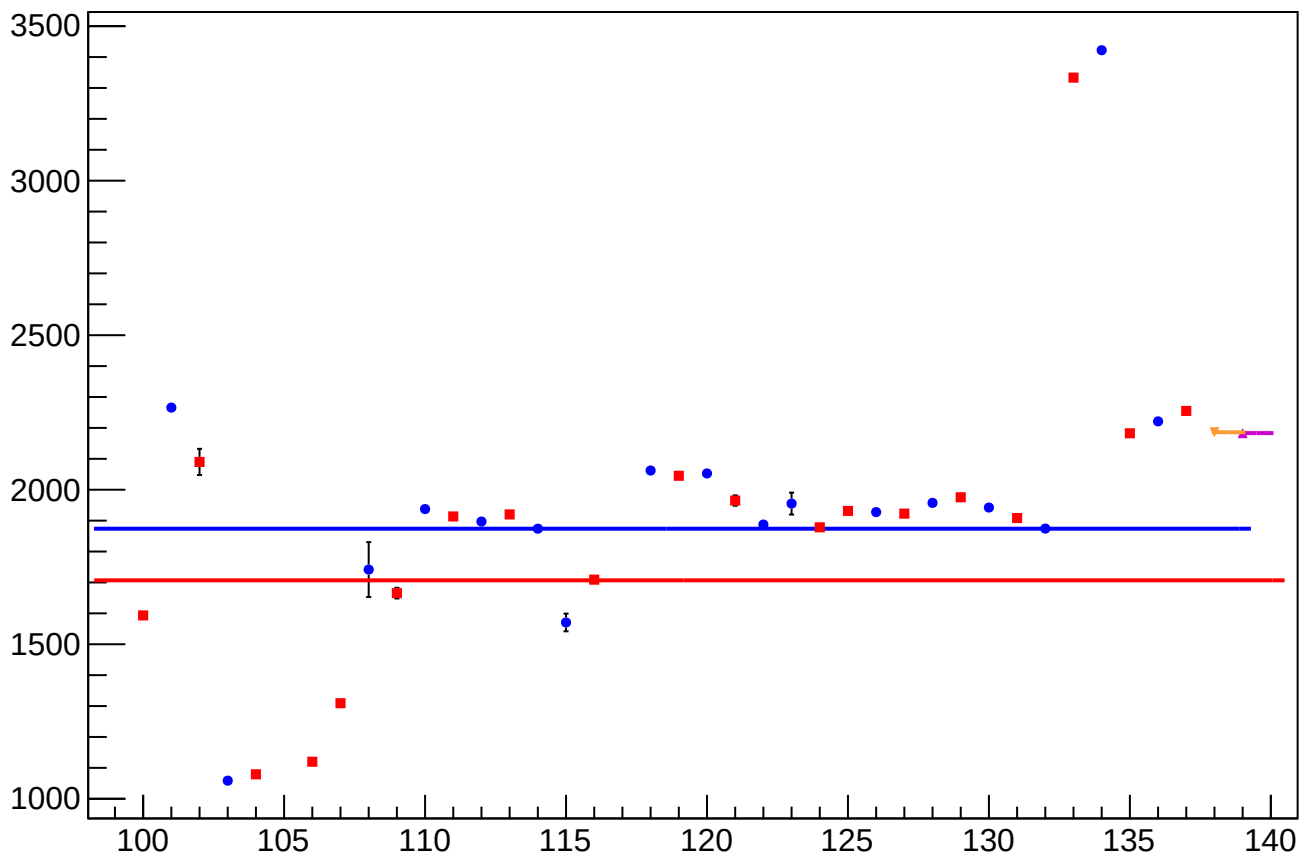
Right: -1396.751+/-0.000 χ^2/NDF : 1800086126763

In: -1342.107+/-0.000 χ^2/NDF :605930.2/17

Out: -1496.932+/-0.000 χ^2/NDF :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 χ^2/NDF : 201563.9/16

Left Out: 2185.897+/-2.714 χ^2/NDF : 0.0/0

Right Out: 1706.739+/-0.302 χ^2/NDF : 837936.9/18

Left In: 2183.242+/-1.120 χ^2/NDF : 0.0/0

Left: 2183.628+/-1.035 χ^2/NDF : 0.8/1

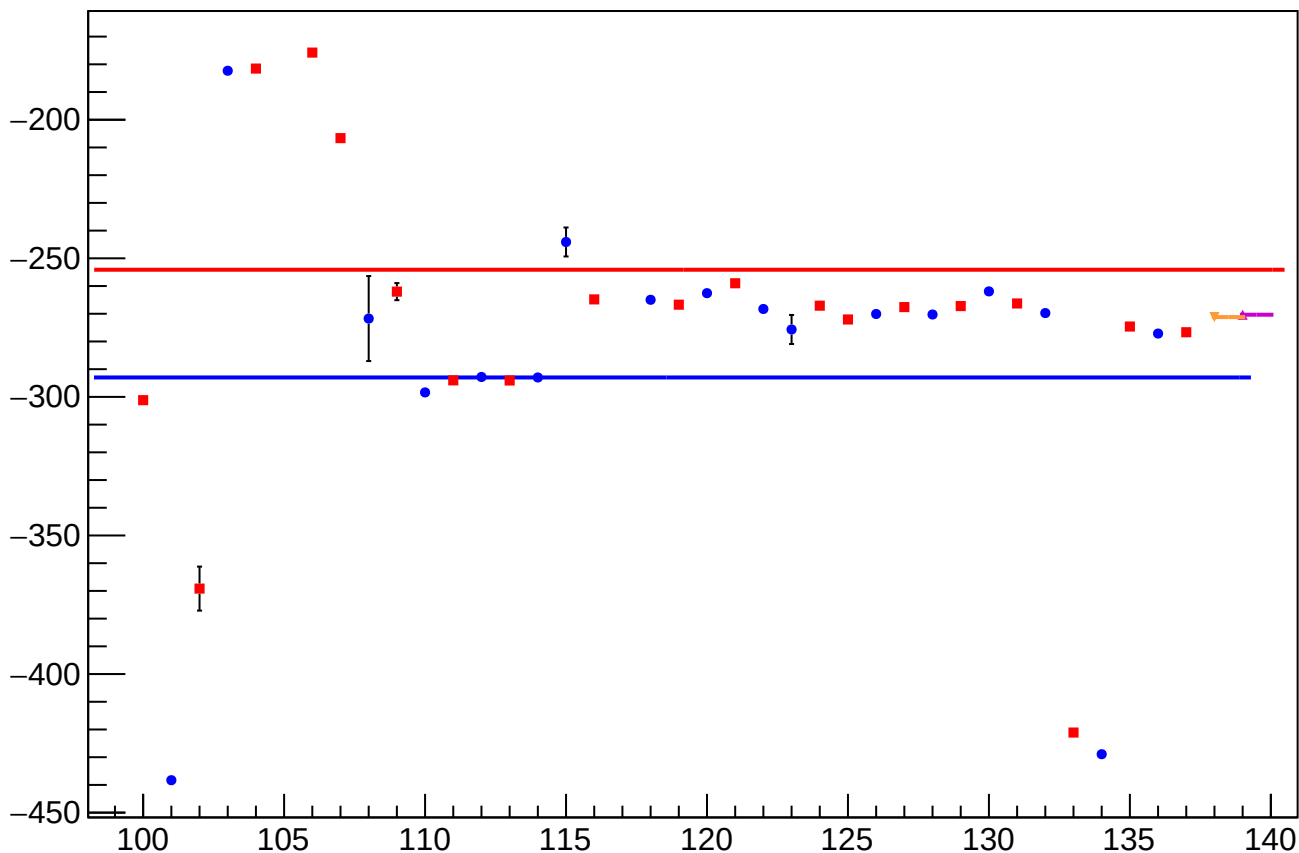
Right: 1873.852+/-0.000 χ^2/NDF : 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF : 277906.3/17

Out: 1712.613+/-0.301 χ^2/NDF : 868718.8/19

All: 1873.852+/-0.000 χ^2/NDF : 1434466.0/37

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: -270.347+/-0.085 χ^2/NDF : 0.0/0

Left: -270.671+/-0.067 χ^2/NDF : 38.8/1

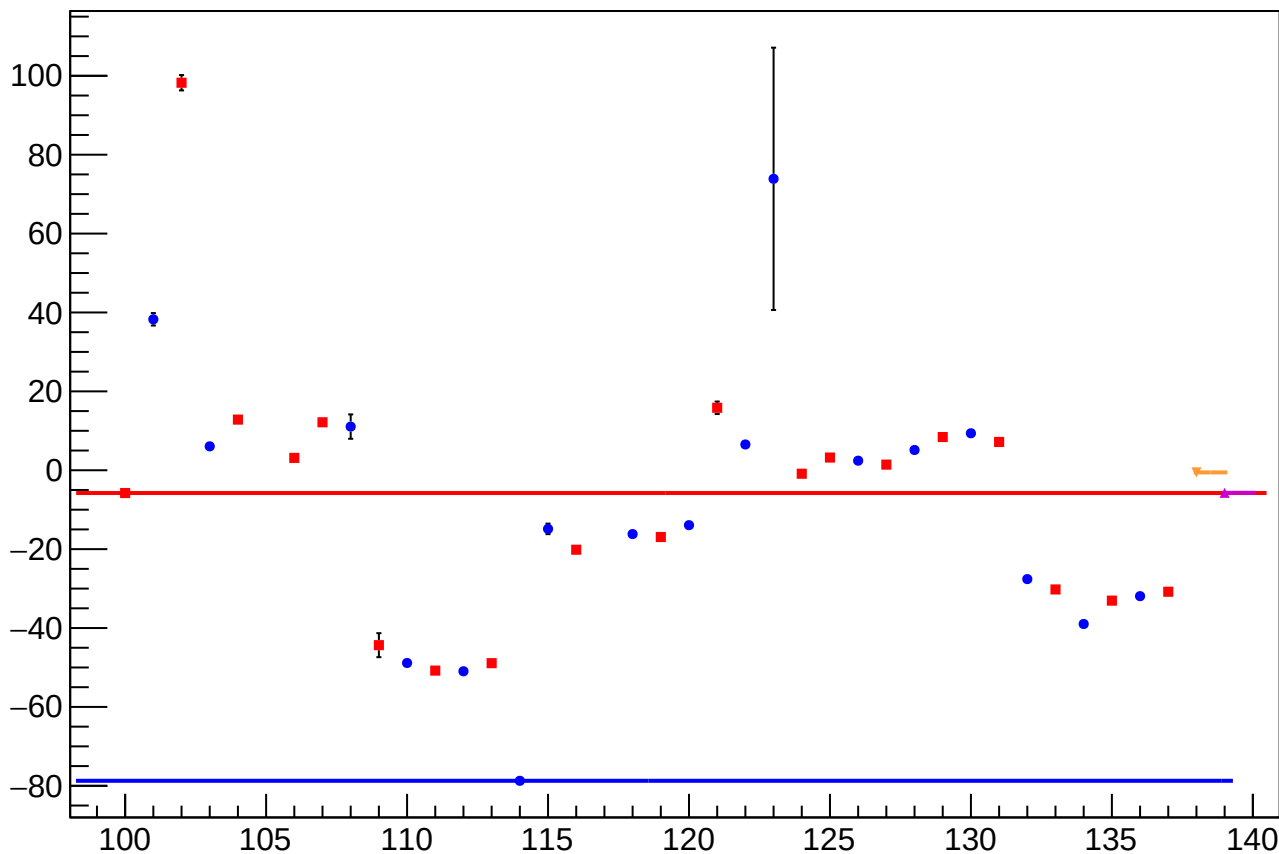
Right: -292.986+/-0.000 χ^2/NDF : 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF : 1087296.4/17

Out: -258.030+/-0.052 χ^2/NDF : 521853.4/19

All: -292.986+/-0.000 χ^2/NDF : 2064401.7/37

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: -5.719 ± 0.110 χ^2/NDF : 0.0/0

Left: -5.119 ± 0.103 χ^2/NDF : 256.8/1

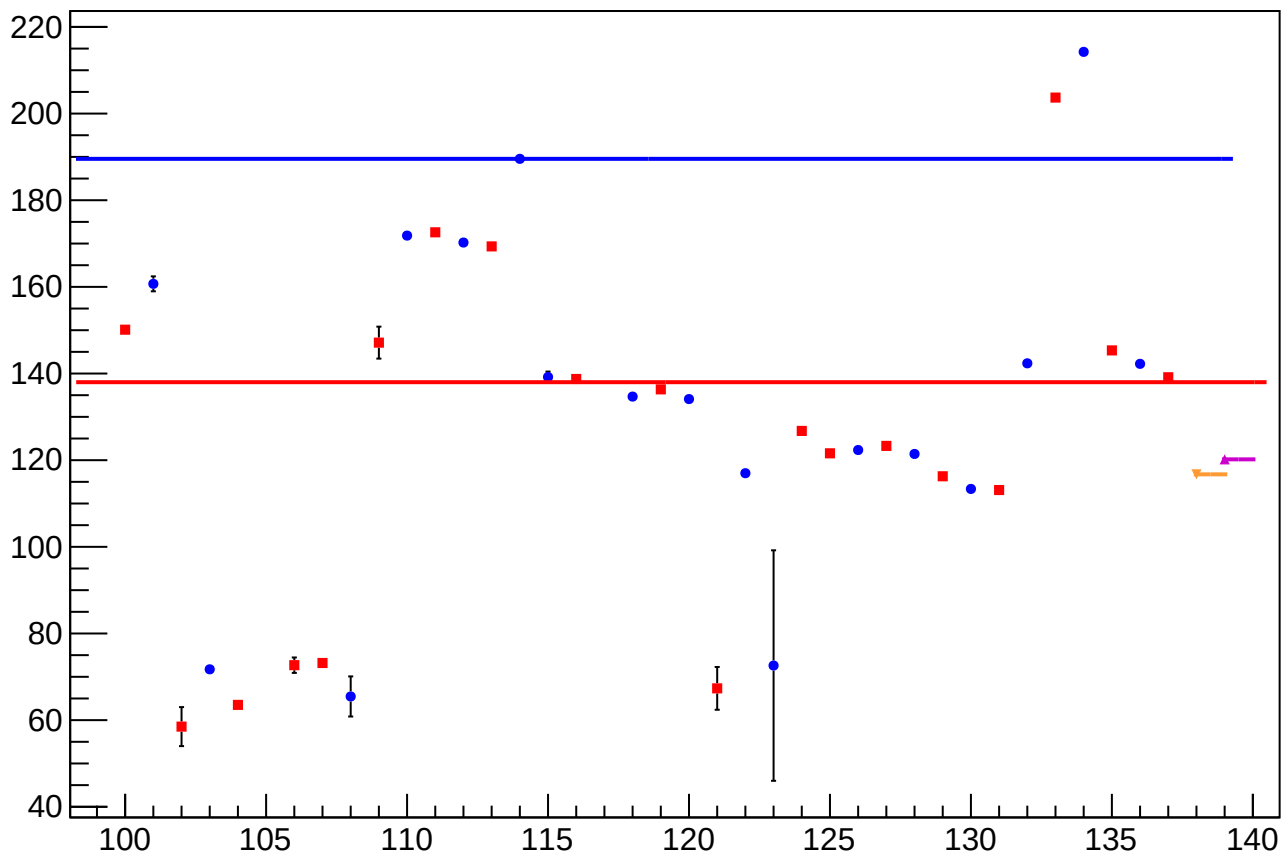
Right: -6.288 ± 0.000 χ^2/NDF : 2878797679293380

In: -78.728 ± 0.000 χ^2/NDF : 1840096.7/17

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 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 116.733 $\pm$ 0.229 χ^2 /NDF: 0.0/0

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

Left In: 120.191 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Left: 119.527 $\pm$ 0.100 χ^2 /NDF: 184.4/1

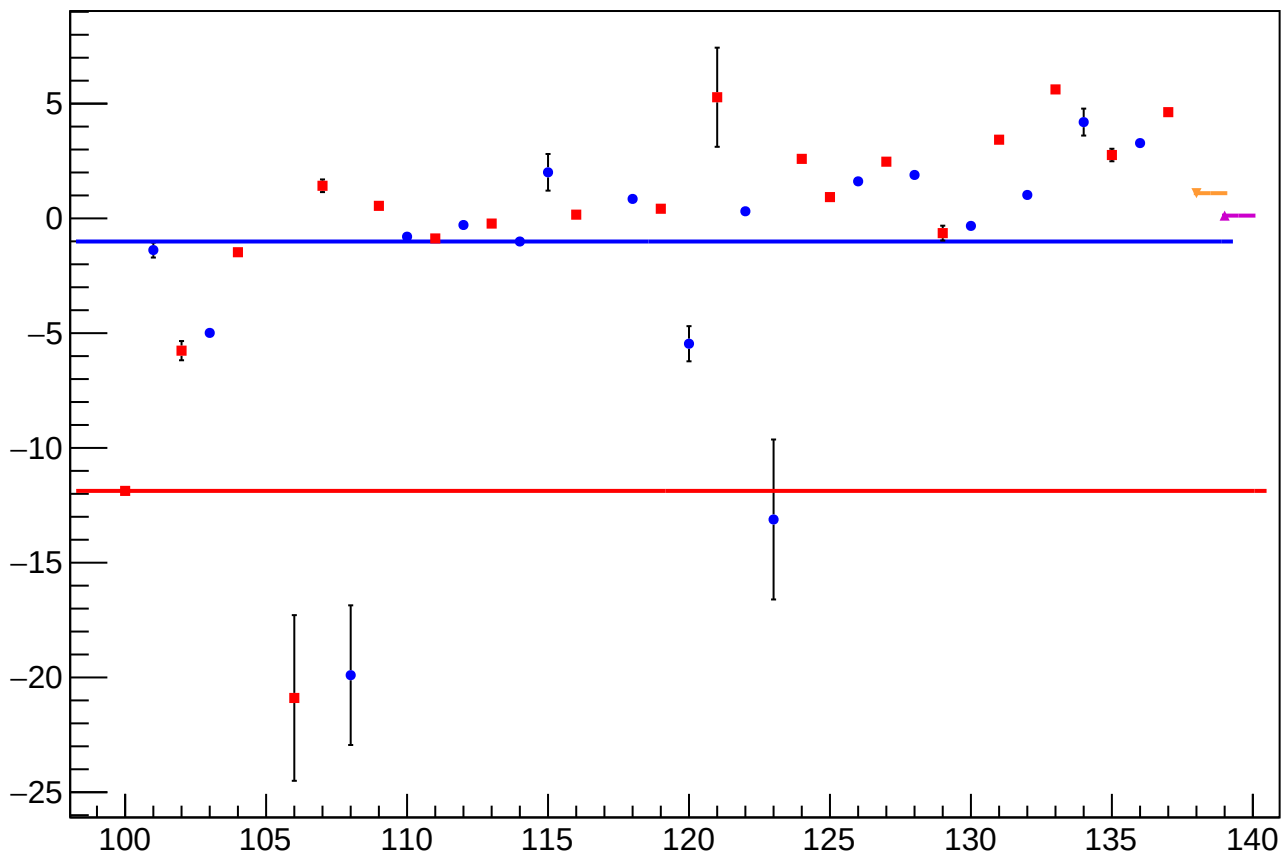
Right: 189.551 $\pm$ 0.000 χ^2 /NDF: 1806450.5/35

In: 189.551 $\pm$ 0.000 χ^2 /NDF: 1313451.2/17

Out: 136.674 $\pm$ 0.057 χ^2 /NDF: 125451.9/19

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 2293701.3/37

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: 0.121 ± 0.066 χ^2/NDF : 0.0/0

Left: 0.221 ± 0.063 χ^2/NDF : 22.3/1

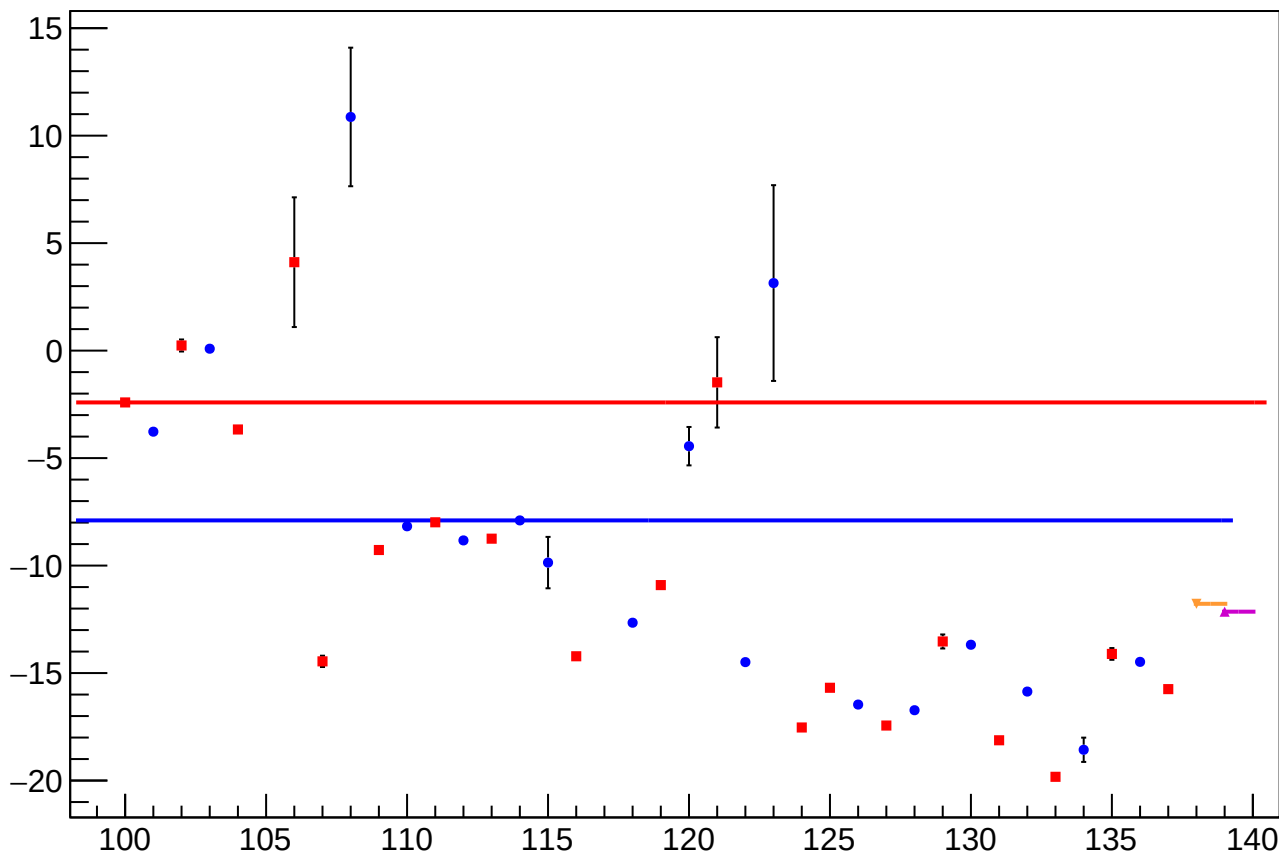
Right: -1.365 ± 0.000 χ^2/NDF : 2170760676638215

In: -1.007 ± 0.000 χ^2/NDF : 7349.5/17

Out: -11.872 ± 0.000 χ^2/NDF : 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: -12.144 ± 0.120 χ^2/NDF : 0.0/0

Left: -12.050 ± 0.103 χ^2/NDF : 2.4/1

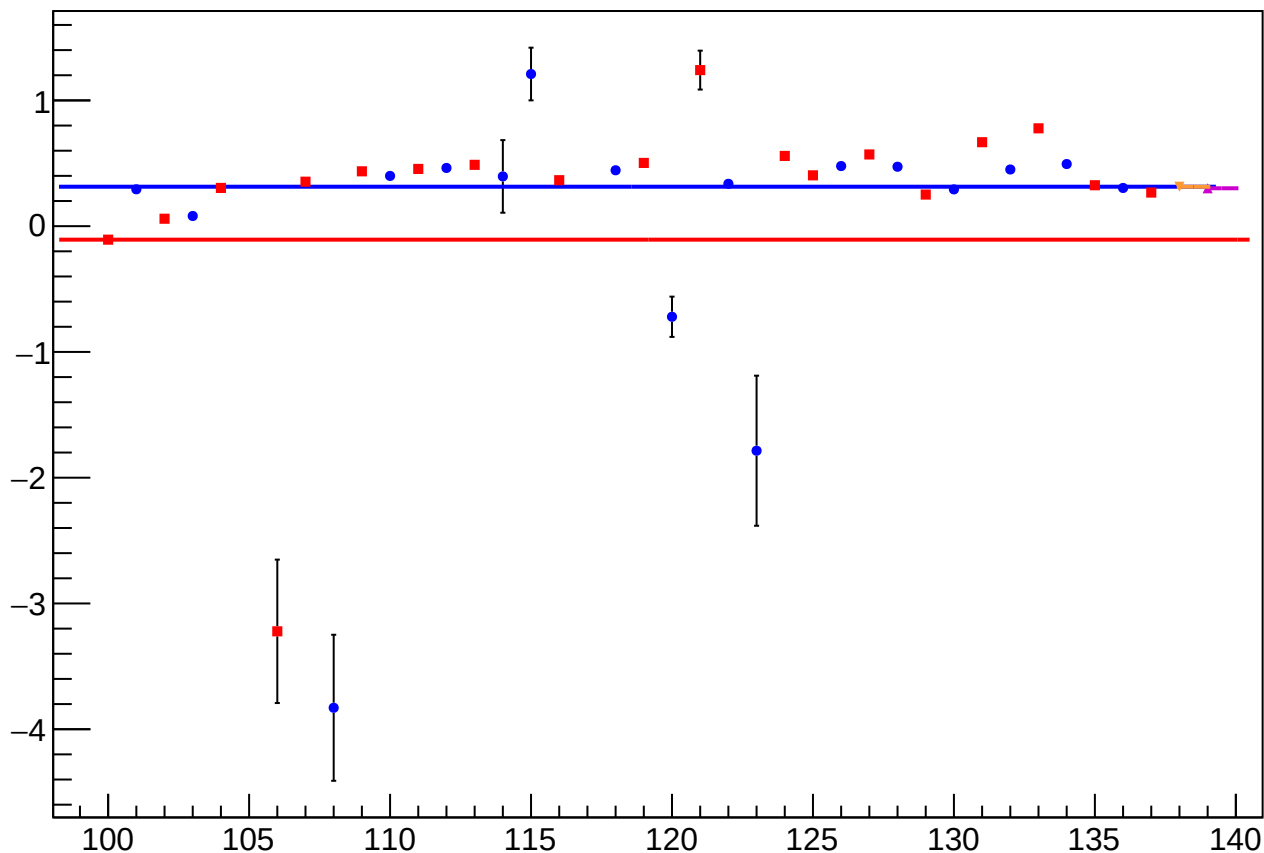
Right: -4.135 ± 0.000 χ^2/NDF : 2879850560728951

In: -7.899 ± 0.000 χ^2/NDF : 40695.4/17

Out: -2.410 ± 0.000 χ^2/NDF : 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: 0.301+/-0.002 χ^2/NDF :0.0/0

Left: 0.310+/-0.001 χ^2/NDF : 17.7/1

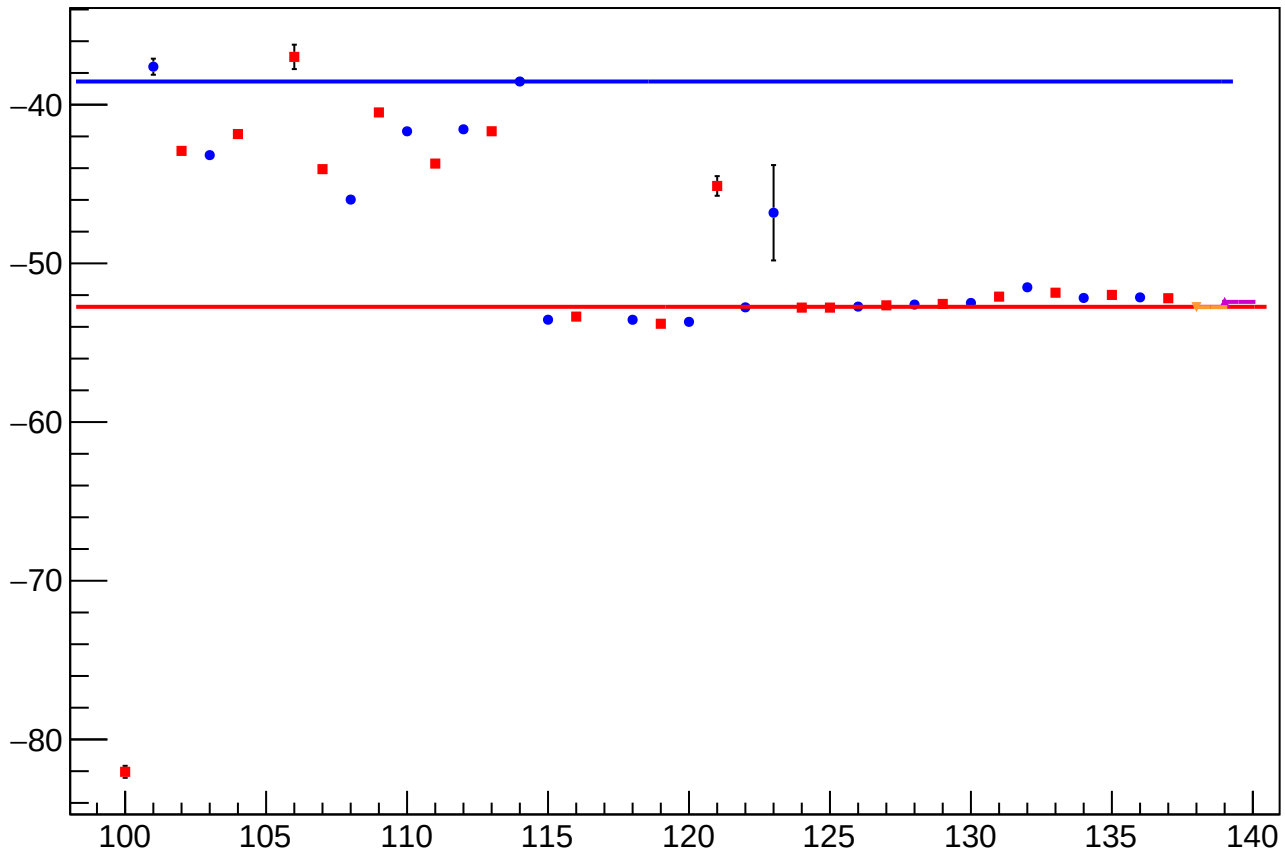
Right: -0.107+/-0.000 χ^2/NDF : 409026.8/35

In: 0.312+/-0.001 χ^2/NDF :2770.8/17

Out: -0.107+/-0.000 χ^2/NDF :286171.3/19

All: -0.107+/-0.000 χ^2/NDF : 504087.0/37

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: -52.426+/-0.011 χ^2/NDF : 0.0/0

Left: -52.645+/-0.007 χ^2/NDF : 556.9/1

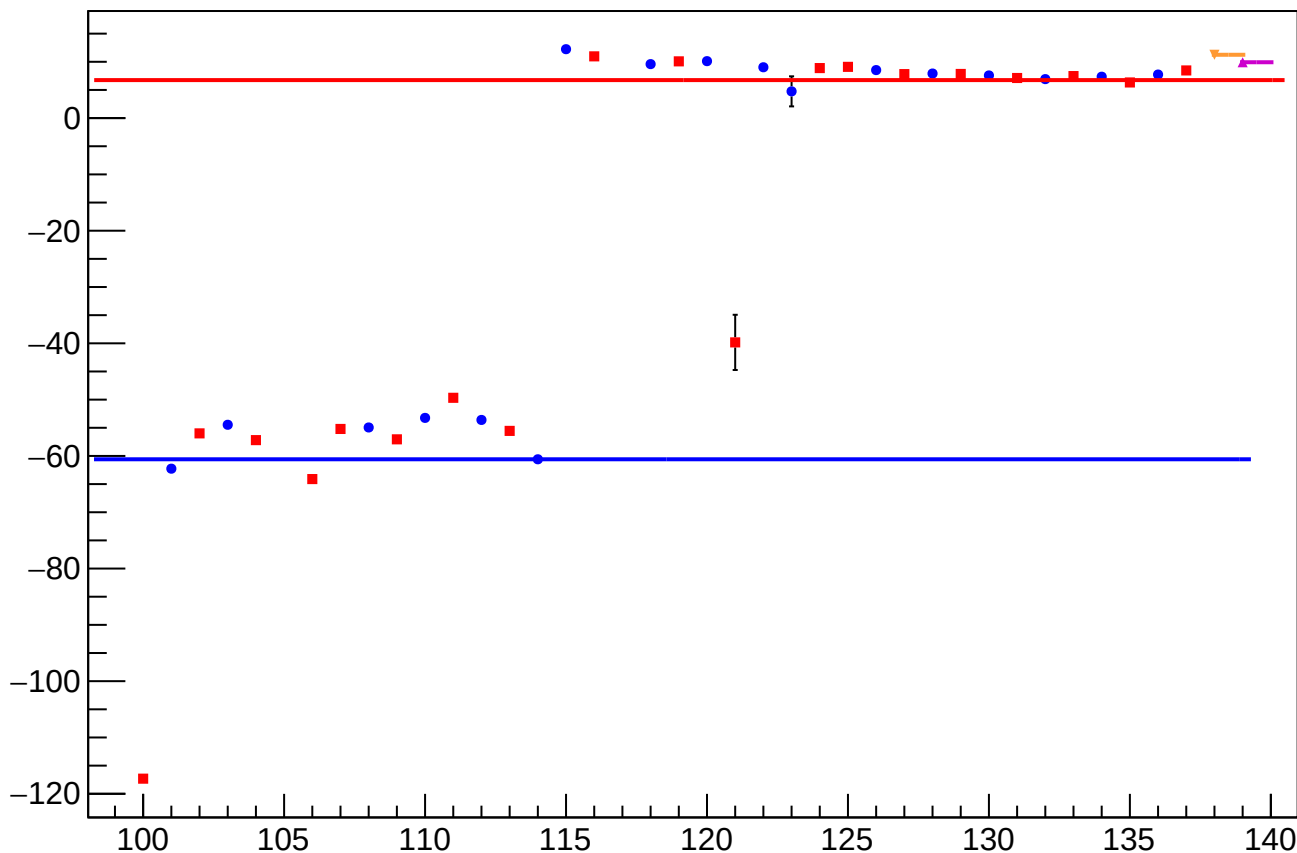
Right: -38.539+/-0.000 χ^2/NDF : 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF : 16425259.6/17

Out: -52.738+/-0.002 χ^2/NDF : 87437.3/19

All: -38.539+/-0.000 χ^2/NDF : 76518970.5/37

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: 9.919 $\pm$ 0.022 χ^2 /NDF:0.0/0

Left: 10.503 $\pm$ 0.017 χ^2 /NDF: 1535.6/1

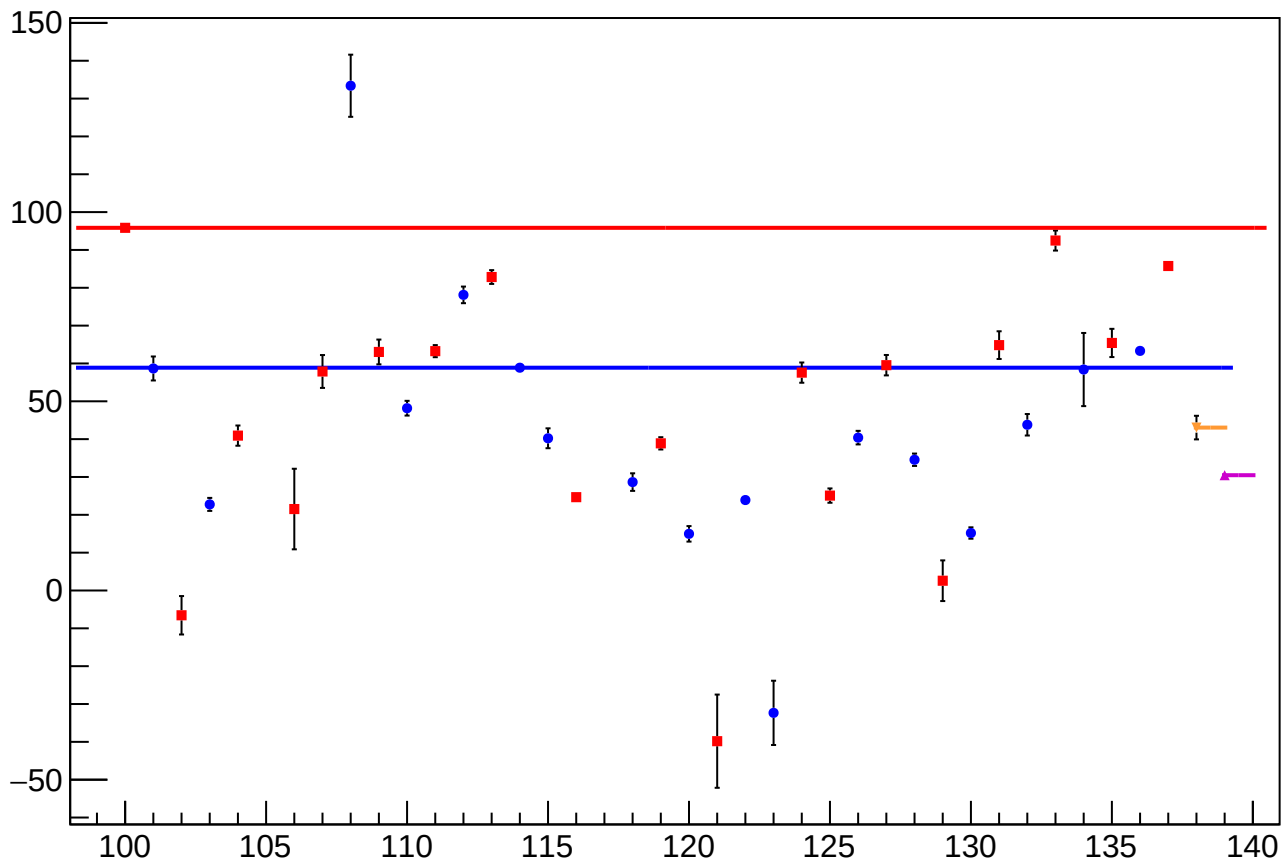
Right: -60.594 $\pm$ 0.000 χ^2 /NDF: 64778482.9/35

In: -60.594 $\pm$ 0.000 χ^2 /NDF:35976589.2/17

Out: 7.464 $\pm$ 0.010 χ^2 /NDF:1293114.0/19

All: -60.594 $\pm$ 0.000 χ^2 /NDF: 82676202.5/37

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 43.053 $\pm$ 3.118 χ^2 /NDF:0.0/0

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

Left In: 30.471 $\pm$ 0.985 χ^2 /NDF:0.0/0

Left: 31.612 $\pm$ 0.939 χ^2 /NDF: 14.8/1

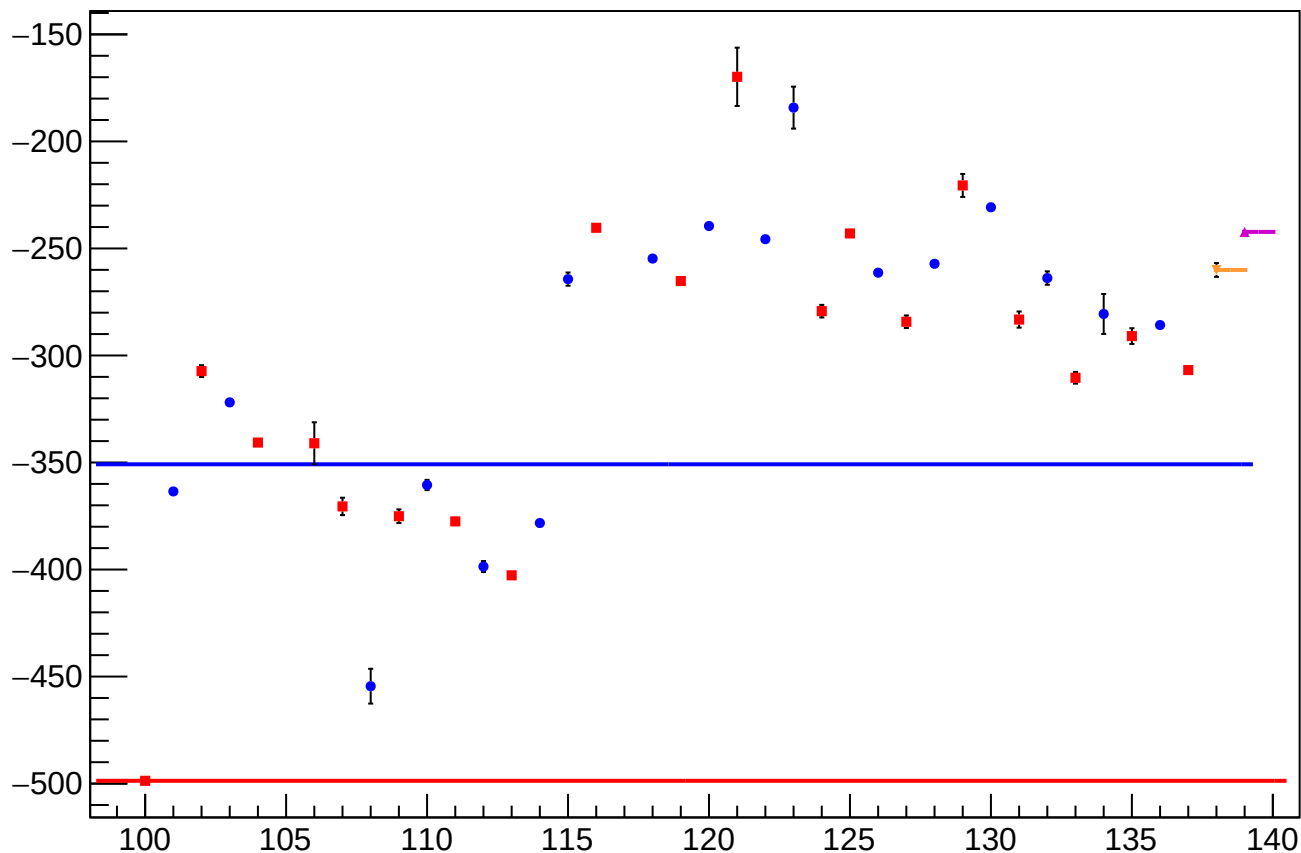
Right: 60.098 $\pm$ 0.000 χ^2 /NDF: 9815233945666380

In: 58.880 $\pm$ 0.000 χ^2 /NDF:4646.9/17

Out: 95.846 $\pm$ 0.000 χ^2 /NDF:39671.7/19

All: 60.098 $\pm$ 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: -242.270 ± 0.971 χ^2/NDF : 0.0/0

Left: -243.743 ± 0.930 χ^2/NDF : 27.8/1

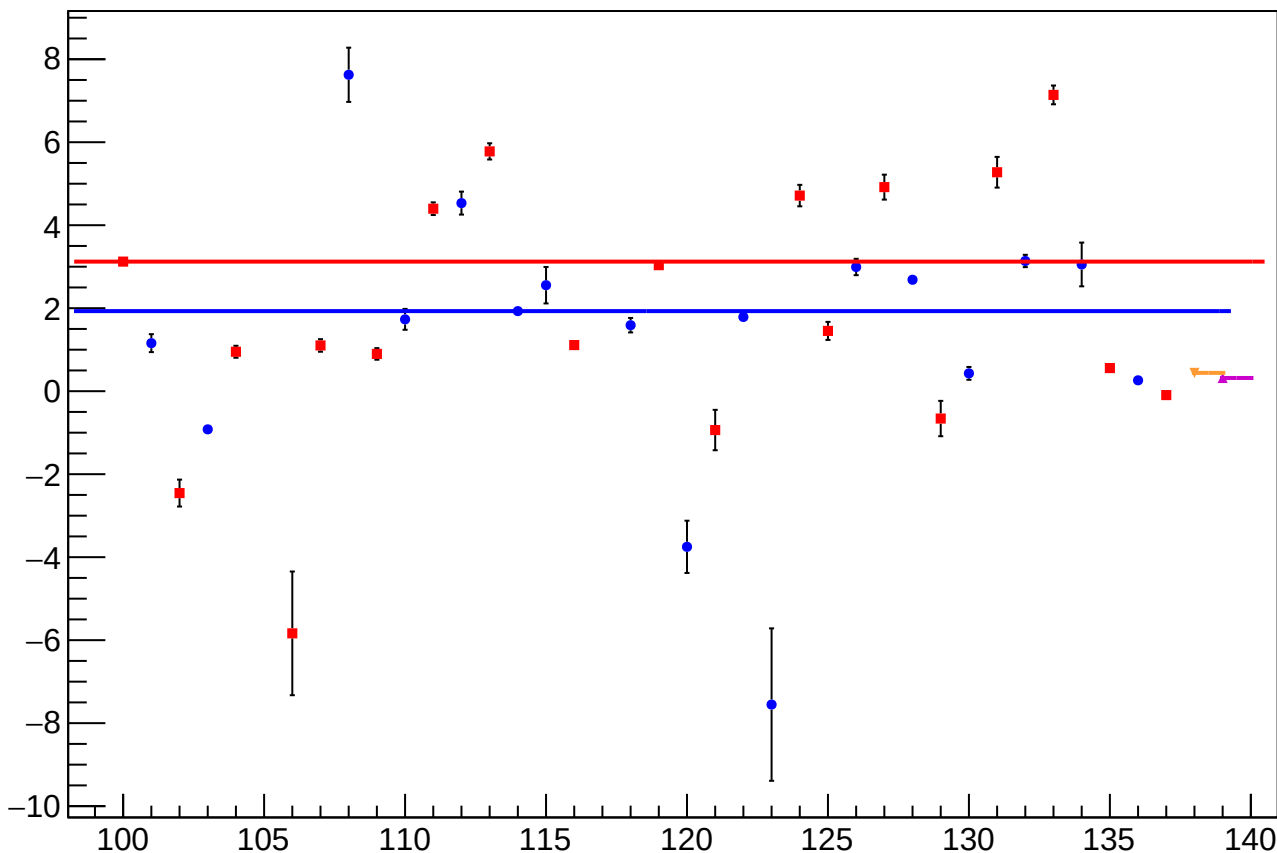
Right: -498.692 ± 0.000 χ^2/NDF : 918780.8/35

In: -344.356 ± 0.237 χ^2/NDF : 53059.6/17

Out: -498.692 ± 0.000 χ^2/NDF : 517329.6/19

All: -498.692 ± 0.000 χ^2/NDF : 994000.5/37

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 59970.9/16

Left Out: 0.441 $\pm$ 0.020 χ^2 /NDF:0.0/0

Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 512565.5/18

Left In: 0.318 $\pm$ 0.008 χ^2 /NDF:0.0/0

Left: 0.338 $\pm$ 0.008 χ^2 /NDF: 33.1/1

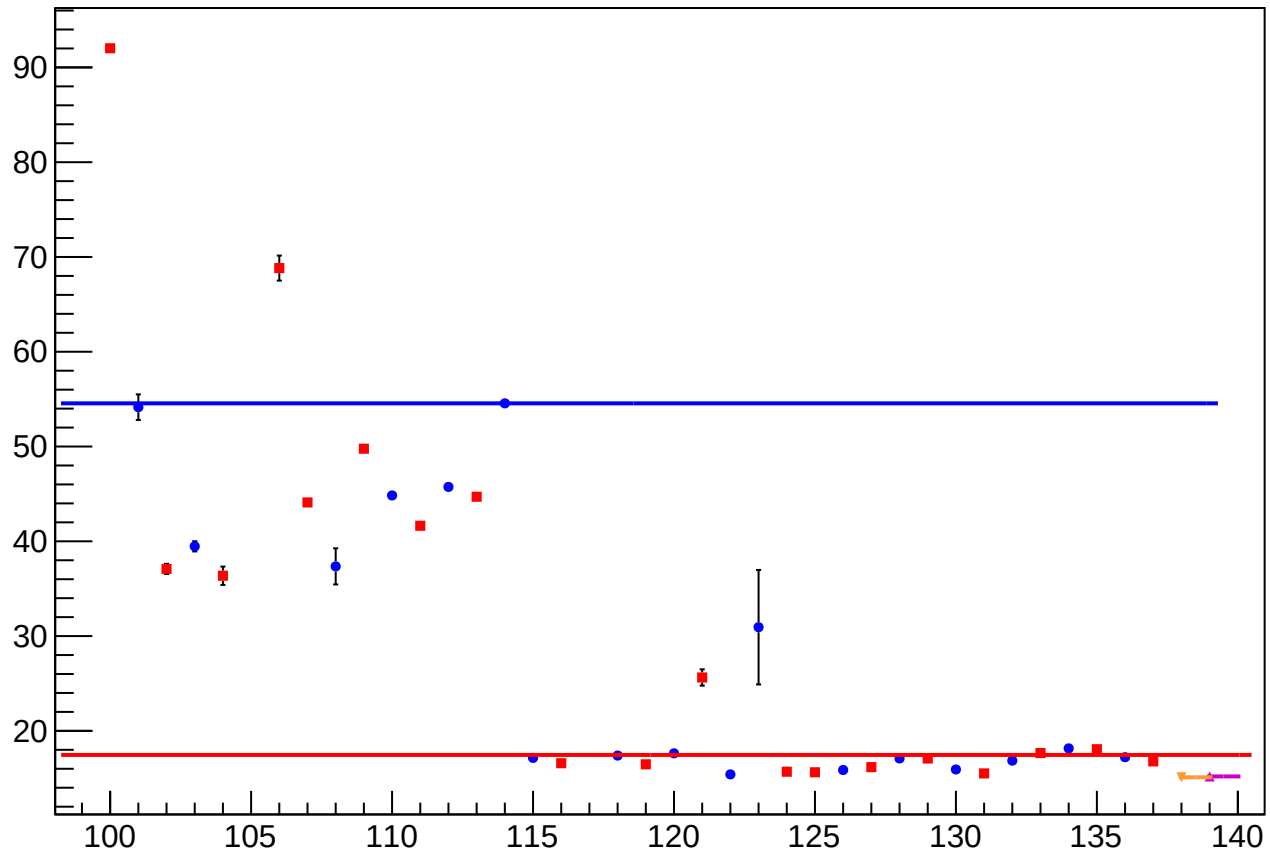
Right: 2.073 $\pm$ 0.000 χ^2 /NDF: 38099534578085305

In: 1.930 $\pm$ 0.000 χ^2 /NDF:95936.4/17

Out: 3.123 $\pm$ 0.000 χ^2 /NDF:531332.8/19

All: 2.073 $\pm$ 0.000 χ^2 /NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 7238433.0/16

Left Out: 15.100 $\pm$ 0.052 χ^2 /NDF:0.0/0

Right Out: 17.458 $\pm$ 0.018 χ^2 /NDF: 99308.5/18

Left In: 15.190 $\pm$ 0.029 χ^2 /NDF:0.0/0

Left: 15.169 $\pm$ 0.025 χ^2 /NDF: 2.3/1

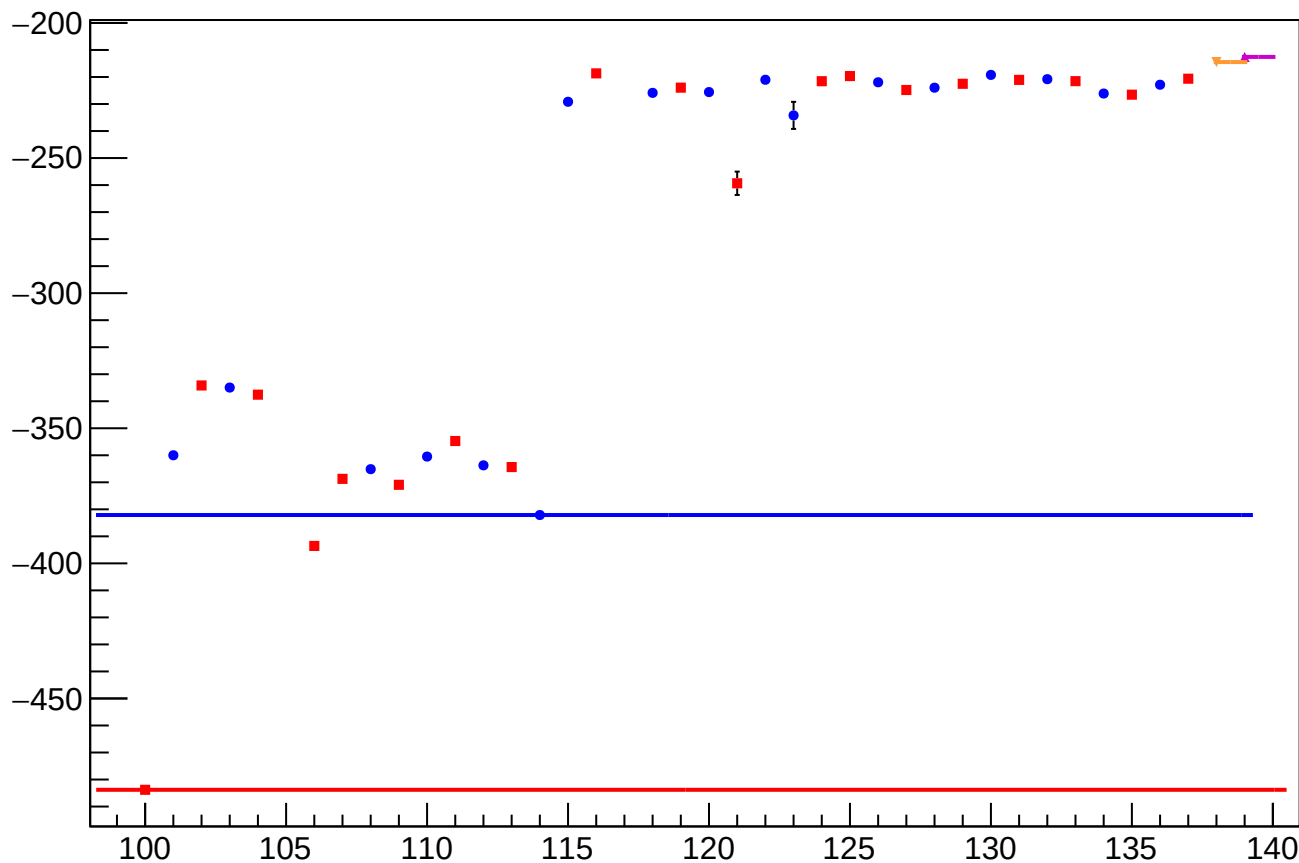
Right: 54.556 $\pm$ 0.000 χ^2 /NDF: 11453944.4/35

In: 54.556 $\pm$ 0.000 χ^2 /NDF:9089060.1/17

Out: 17.203 $\pm$ 0.017 χ^2 /NDF:101108.6/19

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 13869607.5/37

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: -212.573+/-0.094 χ^2/NDF : 0.0/0

Left: -213.483+/-0.068 χ^2/NDF : 196.3/1

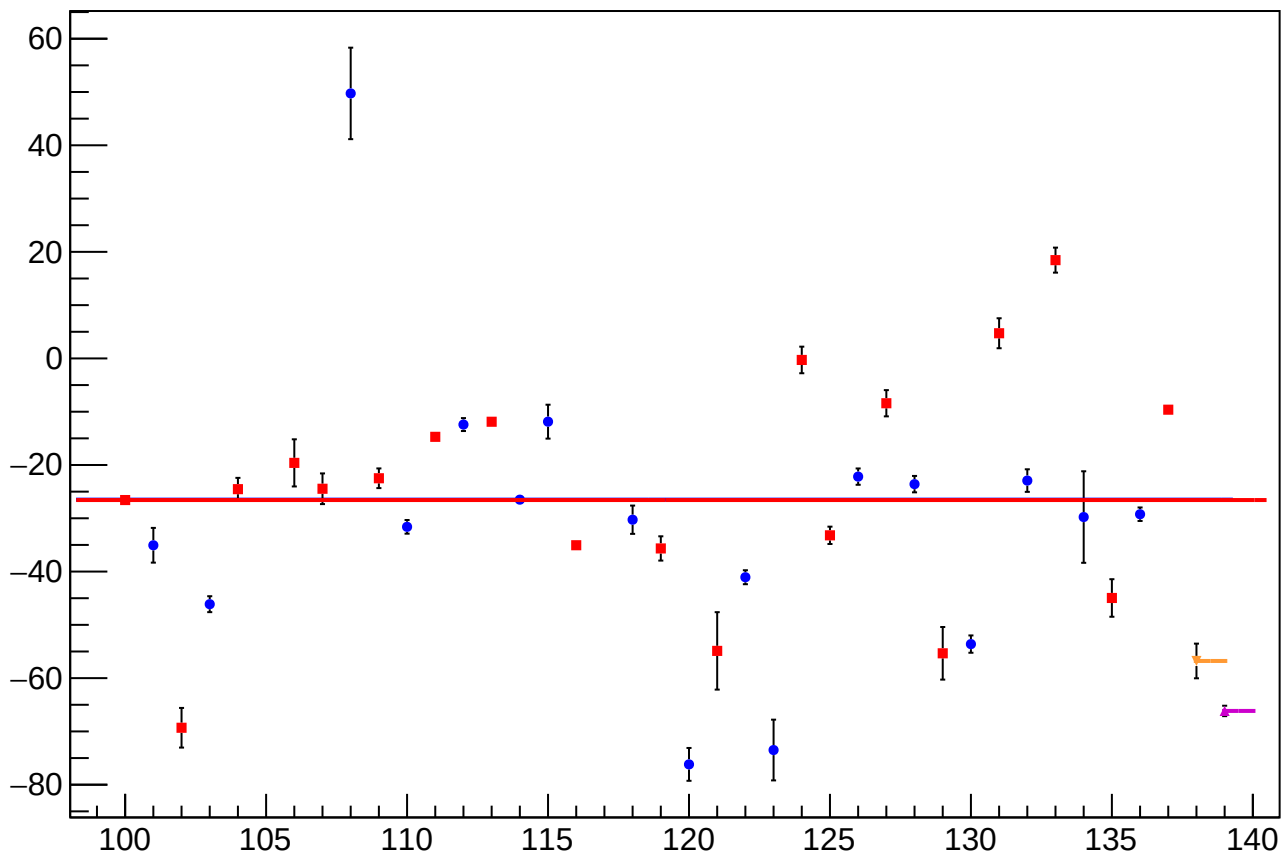
Right: -417.999+/-0.000 χ^2/NDF : 12425488813367

In: -382.108+/-0.000 χ^2/NDF : 21667240.7/17

Out: -483.800+/-0.000 χ^2/NDF : 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 $\chi^2/\text{NDF}: 1180.7/16$

Left Out: -56.778 ± 3.254 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -26.577 ± 0.000 $\chi^2/\text{NDF}: 2640.9/18$

Left In: -66.155 ± 0.978 $\chi^2/\text{NDF}: 0.0/0$

Left: -65.378 ± 0.936 $\chi^2/\text{NDF}: 7.6/1$

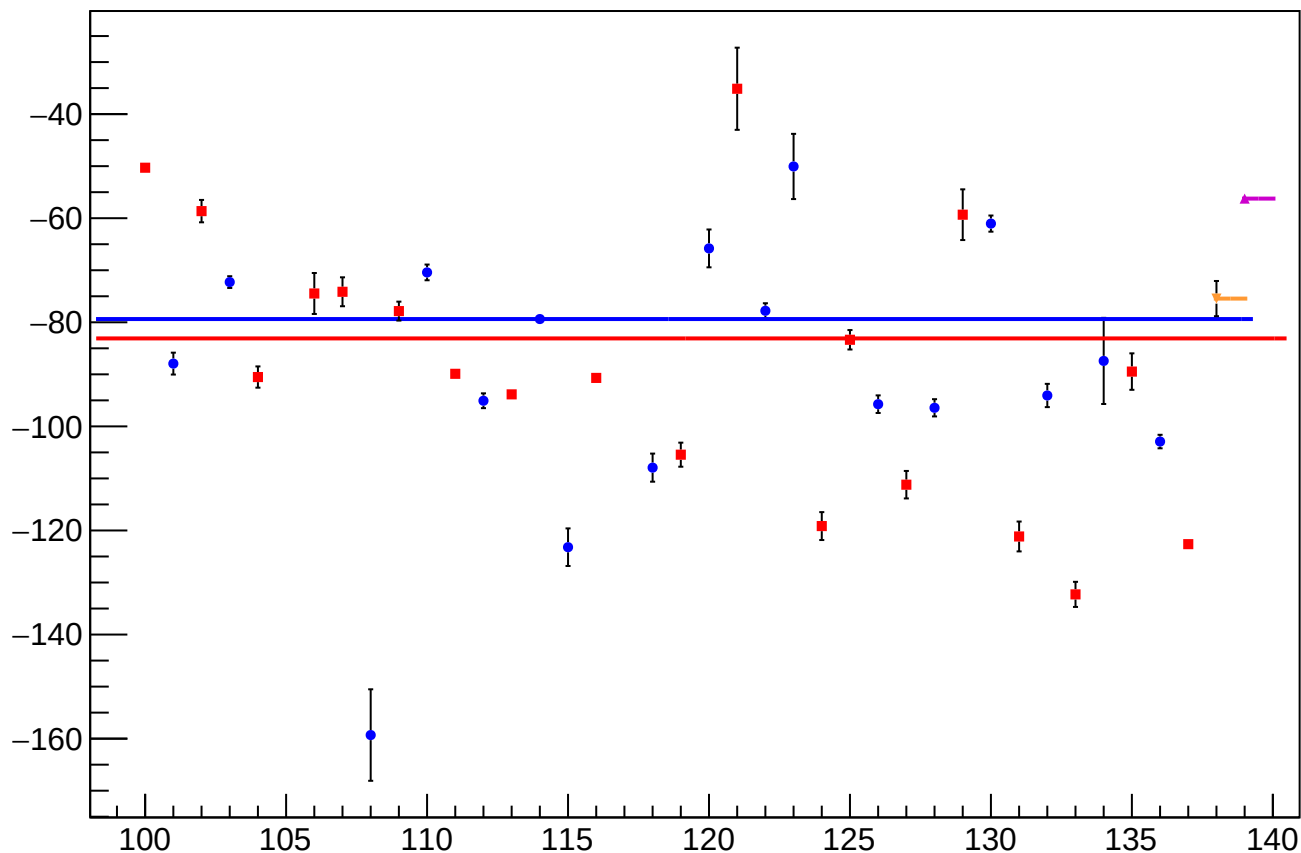
Right: -26.530 ± 0.000 $\chi^2/\text{NDF}: 412159279654659$

In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 2825.0/17$

Out: -26.577 ± 0.000 $\chi^2/\text{NDF}: 2727.0/19$

All: -26.530 ± 0.000 $\chi^2/\text{NDF}: 412159279654$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -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: -56.232 ± 0.893 $\chi^2/\text{NDF}: 0.0/0$

Left: -57.483 ± 0.863 $\chi^2/\text{NDF}: 30.1/1$

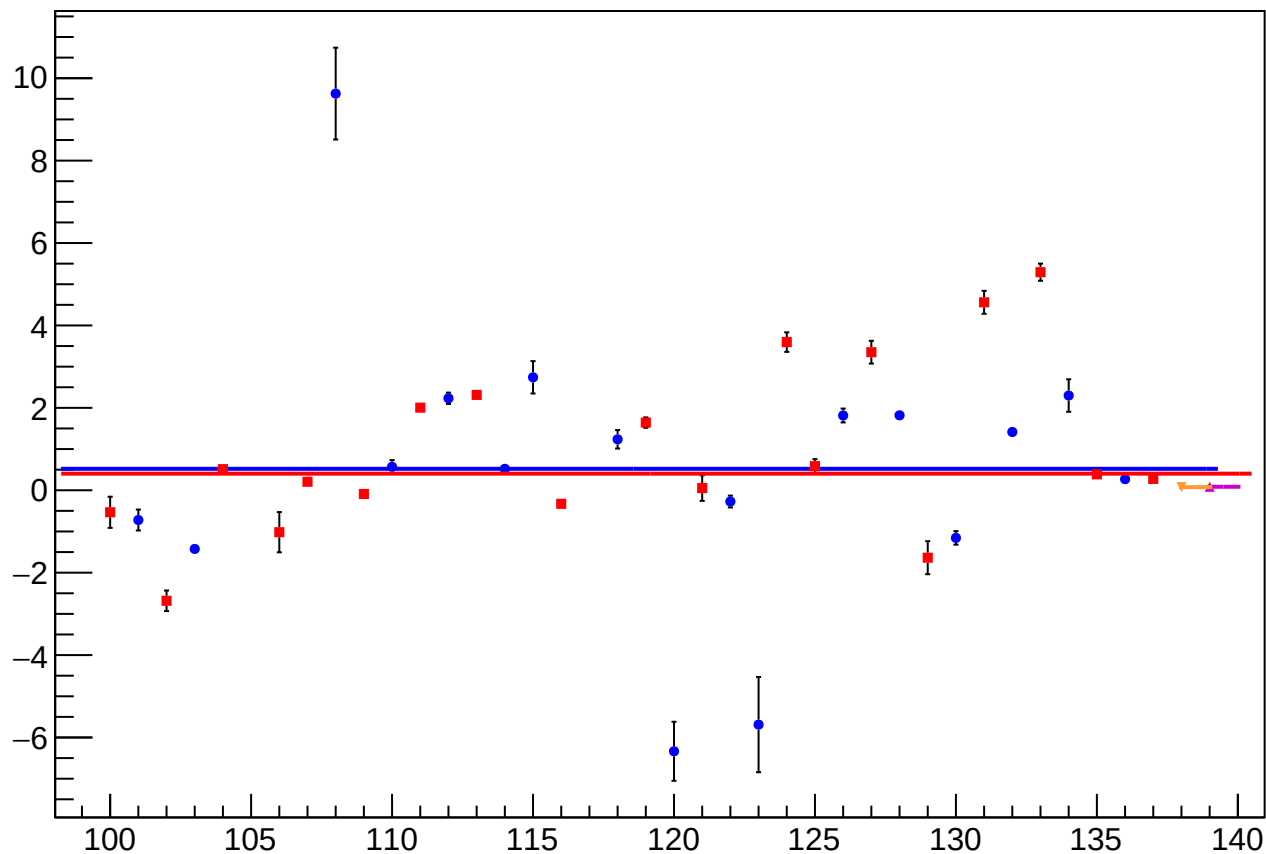
Right: -79.376 ± 0.000 $\chi^2/\text{NDF}: 13657.0/35$

In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1976.4/17$

Out: -83.078 ± 0.178 $\chi^2/\text{NDF}: 11920.9/19$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 14330.1/37$

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: 0.085+/-0.009 χ^2/NDF : 0.0/0

Left: 0.083+/-0.008 χ^2/NDF : 0.2/1

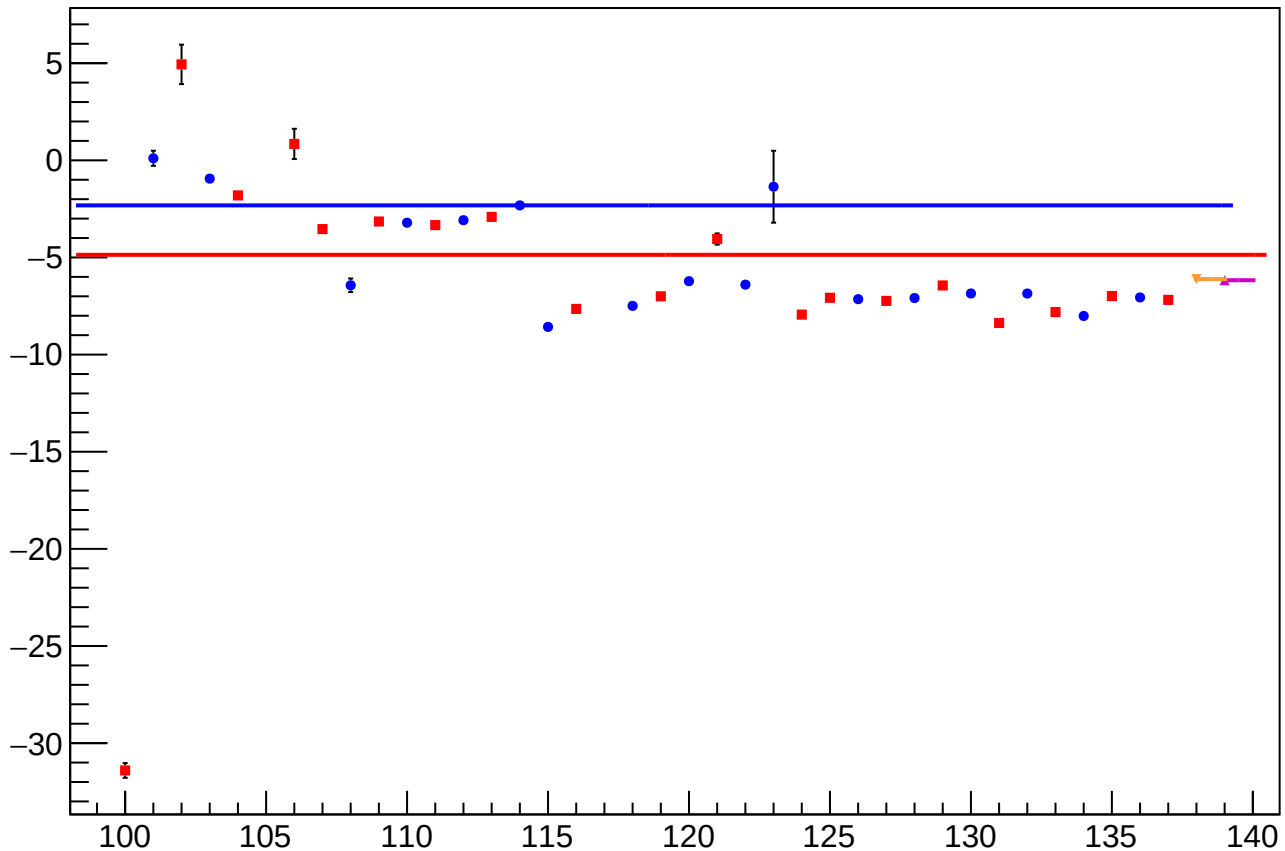
Right: 0.521+/-0.000 χ^2/NDF : 6215.1/35

In: 0.521+/-0.000 χ^2/NDF : 5619.3/17

Out: 0.311+/-0.009 χ^2/NDF : 2982.8/19

All: 0.521+/-0.000 χ^2/NDF : 9120.0/37

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320 ± 0.000 χ^2/NDF : 270771.9/16

Left Out: -6.114 ± 0.037 χ^2/NDF : 0.0/0

Right Out: -4.864 ± 0.010 χ^2/NDF : 49380.5/18

Left In: -6.173 ± 0.017 χ^2/NDF : 0.0/0

Left: -6.162 ± 0.016 χ^2/NDF : 2.0/1

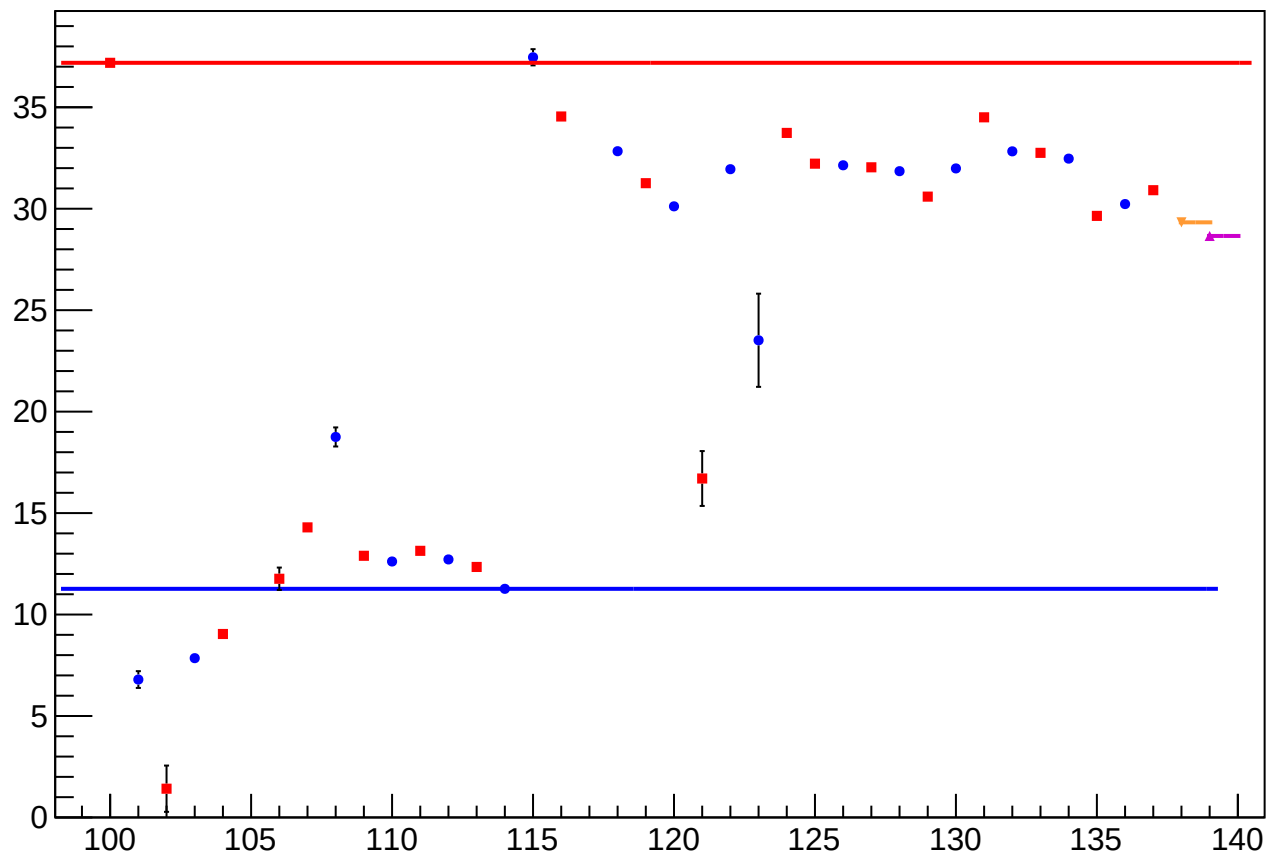
Right: -2.320 ± 0.000 χ^2/NDF : 381161.7/35

In: -2.320 ± 0.000 χ^2/NDF : 319445.7/17

Out: -4.952 ± 0.010 χ^2/NDF : 50417.1/19

All: -2.320 ± 0.000 χ^2/NDF : 440122.3/37

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.329 $\pm$ 0.106 χ^2 /NDF:0.0/0

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

Left In: 28.658 $\pm$ 0.047 χ^2 /NDF:0.0/0

Left: 28.768 $\pm$ 0.043 χ^2 /NDF: 33.7/1

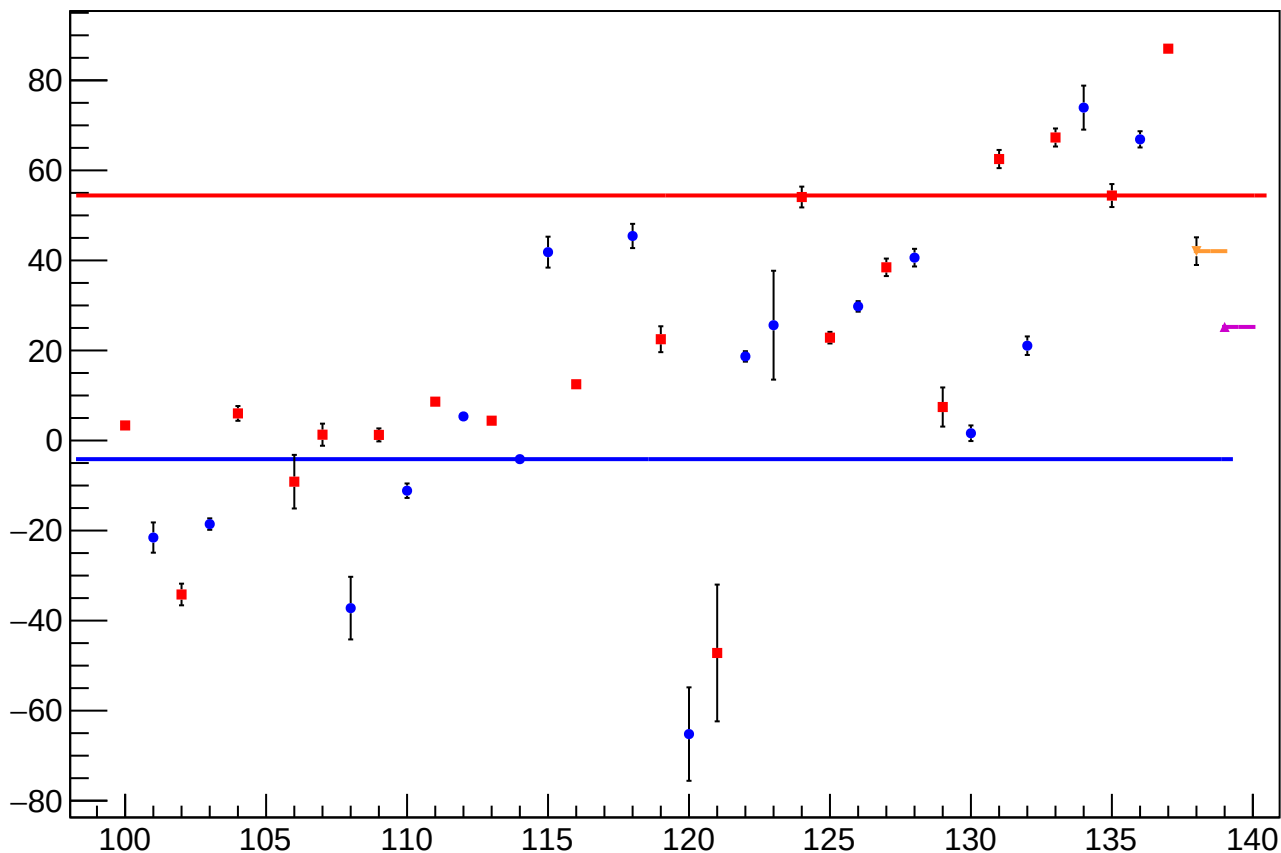
Right: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978834

In: 11.268 $\pm$ 0.000 χ^2 /NDF:1096728.2/17

Out: 37.191 $\pm$ 0.000 χ^2 /NDF:1127469.7/19

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 42.059 ± 3.073 χ^2/NDF : 0.0/0

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

Left In: 25.228 ± 0.730 χ^2/NDF : 0.0/0

Left: 26.127 ± 0.710 χ^2/NDF : 28.4/1

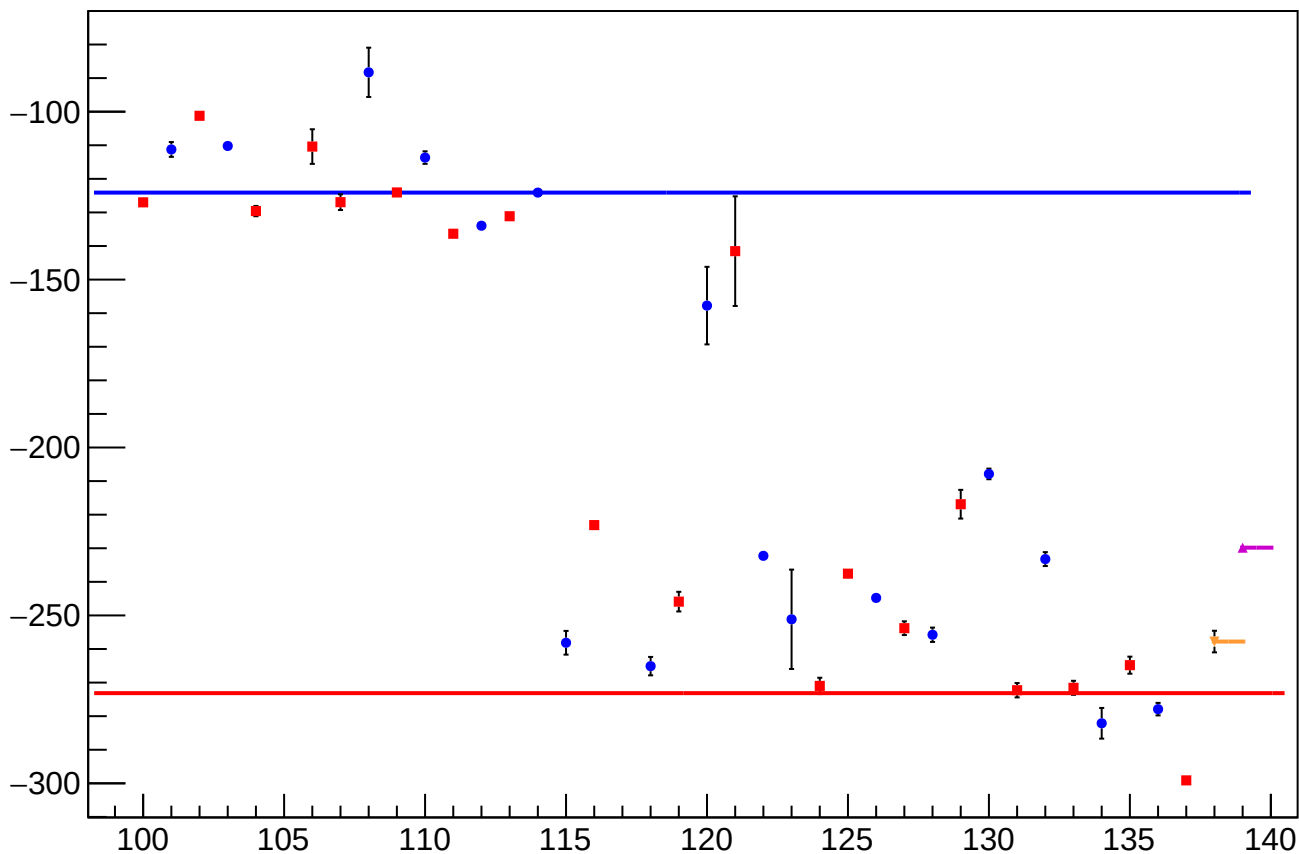
Right: -4.139 ± 0.000 χ^2/NDF : 177029.3/35

In: -4.139 ± 0.000 χ^2/NDF : 6273.5/17

Out: 54.389 ± 0.170 χ^2/NDF : 54014.9/19

All: -4.139 ± 0.000 χ^2/NDF : 178874.6/37

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: -229.822 ± 0.681 χ^2/NDF : 0.0/0

Left: -231.018 ± 0.666 χ^2/NDF : 72.2/1

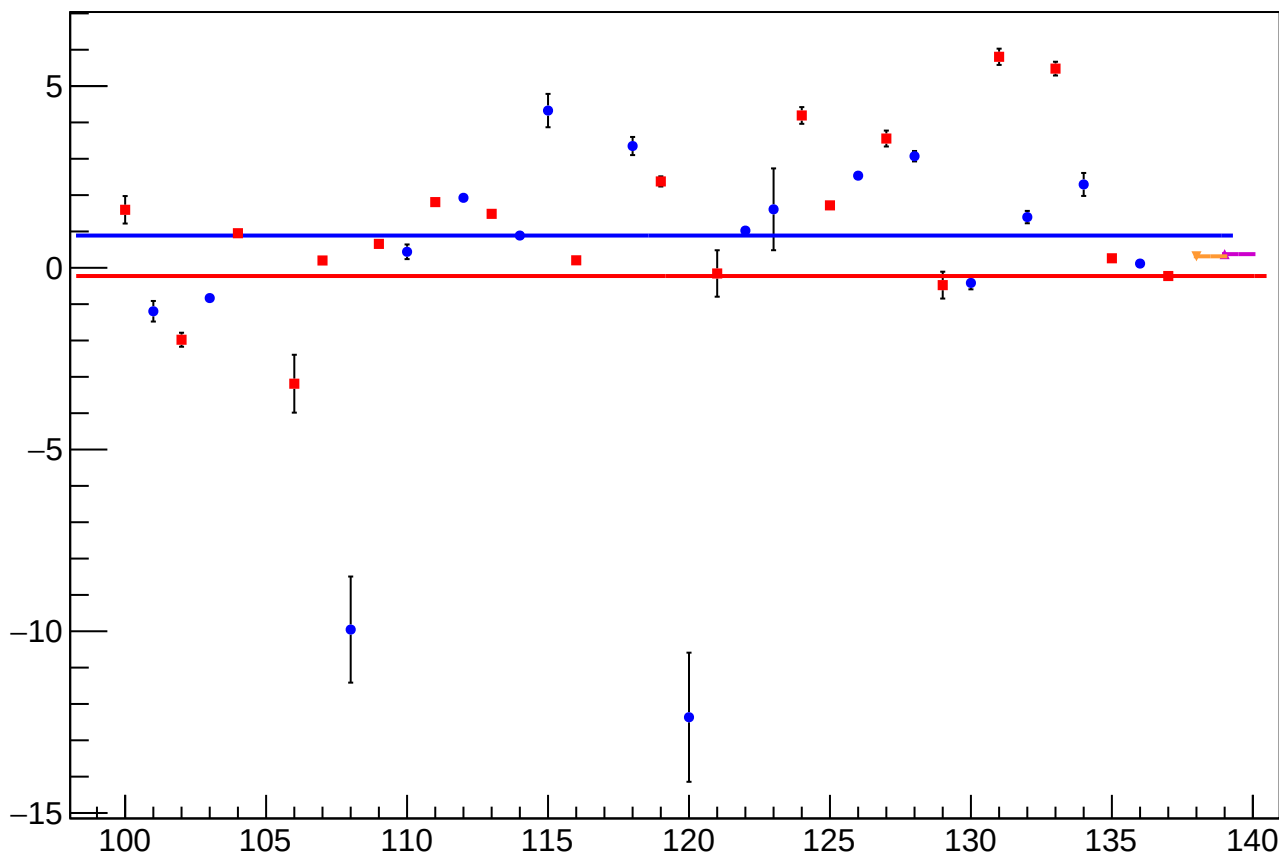
Right: -124.095 ± 0.000 χ^2/NDF : 2066776.4/35

In: -124.095 ± 0.000 χ^2/NDF : 62288.9/17

Out: -273.124 ± 0.113 χ^2/NDF : 280164.6/19

All: -124.095 ± 0.000 χ^2/NDF : 2092637.6/37

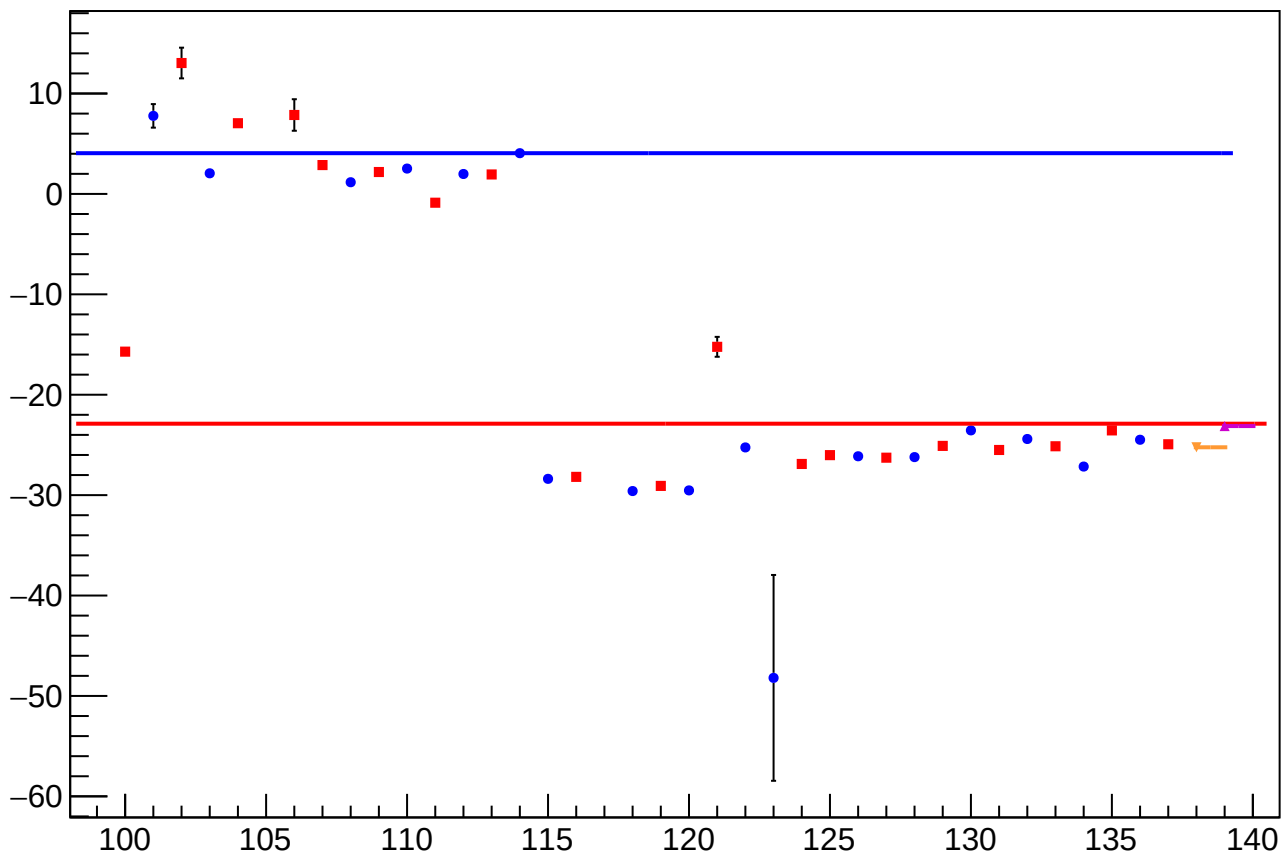
dit_sam4_11X12X_slope vs Slug, Sign Corrected



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: 0.376 ± 0.012 χ^2/NDF : 0.0/0

Left: 0.351 ± 0.009 χ^2/NDF : 10.9/1
 Right: 0.888 ± 0.000 χ^2/NDF : 422220530.0/35
 In: 0.888 ± 0.000 χ^2/NDF : 10535.0/17
 Out: -0.226 ± 0.000 χ^2/NDF : 6563.9/19
 All: 0.888 ± 0.000 χ^2/NDF : 422224097.1/37

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: -23.121 ± 0.084 χ^2/NDF : 0.0/0

Left: -24.075 ± 0.062 χ^2/NDF : 285.6/1

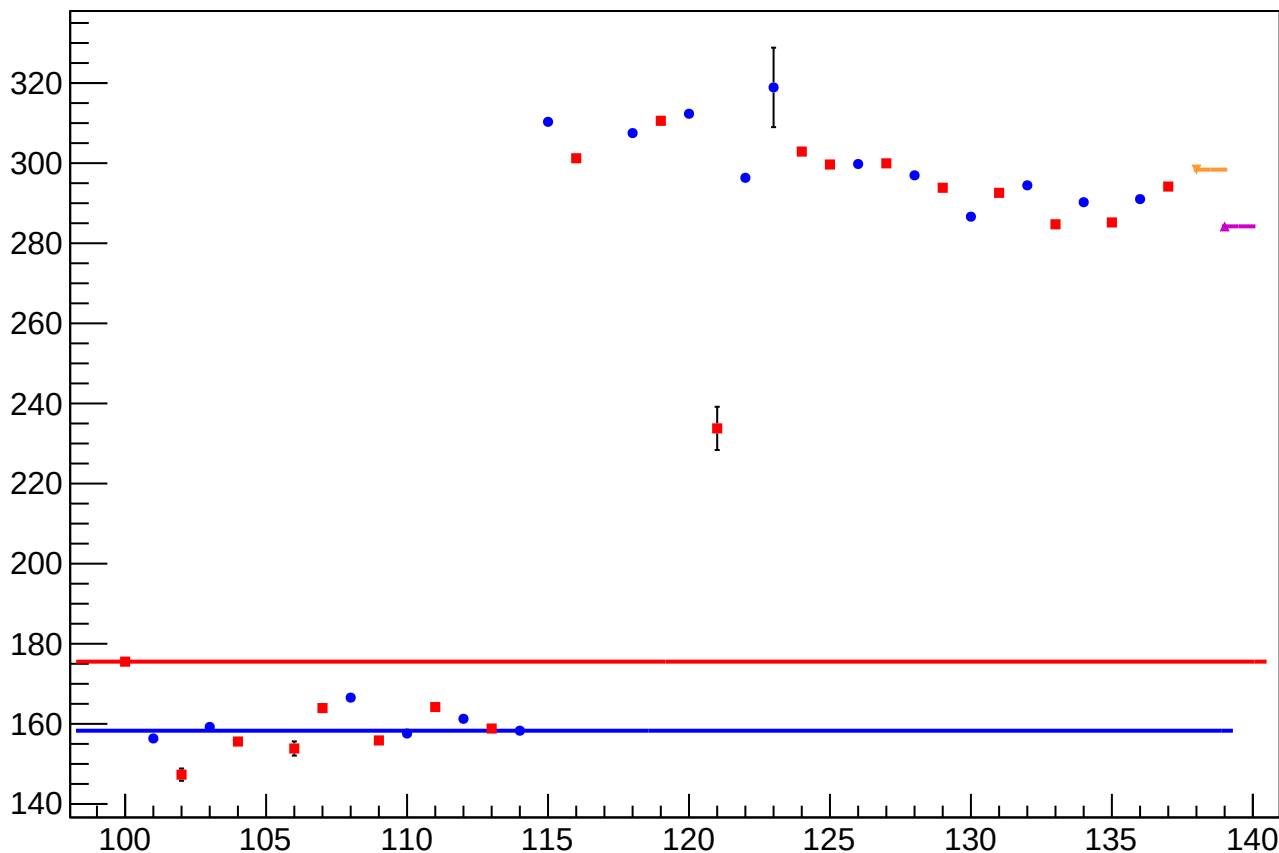
Right: 4.057 ± 0.000 χ^2/NDF : 2412173.4/35

In: 4.057 ± 0.000 χ^2/NDF : 1352481.8/17

Out: -23.060 ± 0.025 χ^2/NDF : 117104.0/19

All: 4.057 ± 0.000 χ^2/NDF : 2616691.5/37

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: 284.221+/-0.271 χ^2/NDF : 0.0/0

Left: 293.270+/-0.163 χ^2/NDF : 1739.5/1

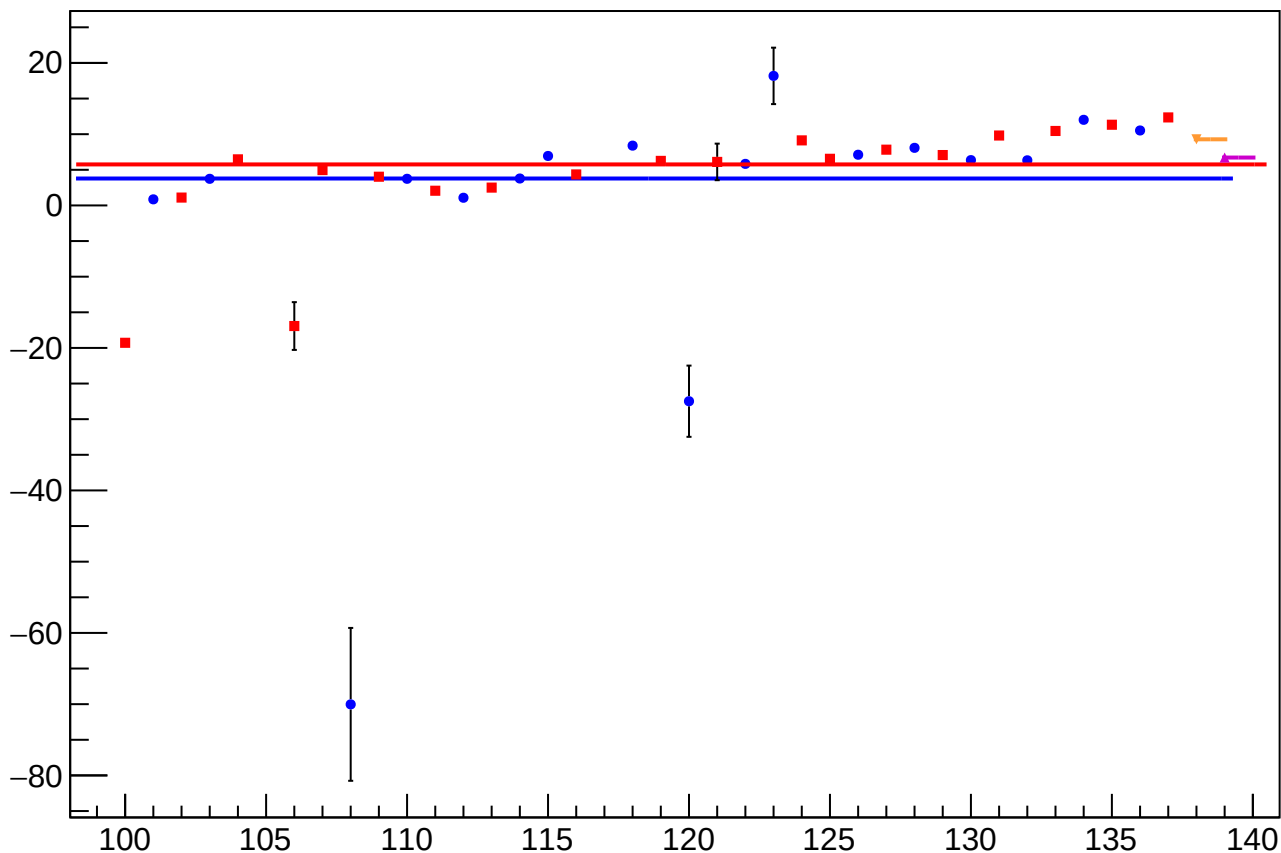
Right: 172.618+/-0.000 χ^2/NDF : 373727491225928

In: 158.293+/-0.000 χ^2/NDF : 2626091.4/17

Out: 175.536+/-0.000 χ^2/NDF : 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: 6.720+/-0.087 χ^2/NDF : 0.0/0

Left: 6.893+/-0.084 χ^2/NDF : 58.2/1

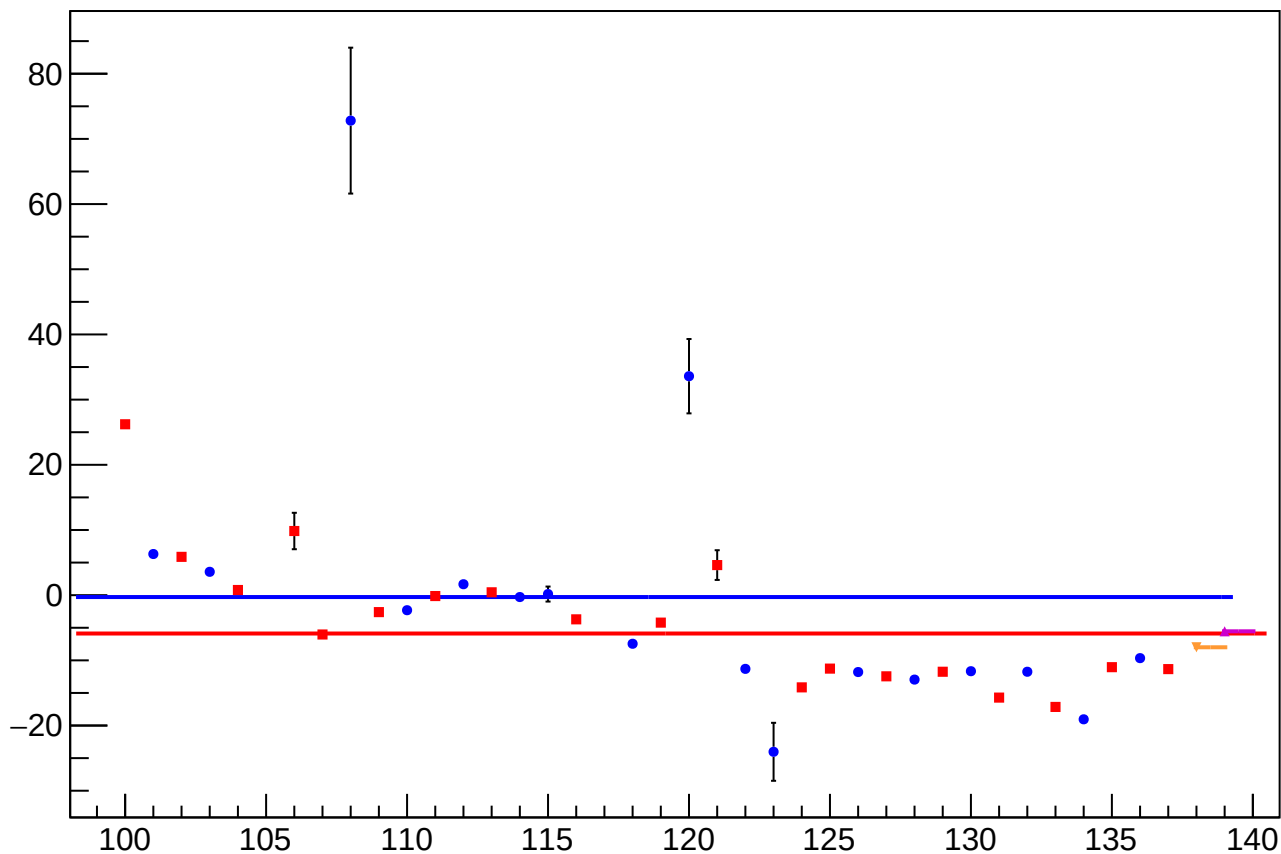
Right: 3.778+/-0.000 χ^2/NDF : 35056.1/35

In: 3.778+/-0.000 χ^2/NDF : 8006.2/17

Out: 5.778+/-0.026 χ^2/NDF : 22409.1/19

All: 3.778+/-0.000 χ^2/NDF : 36479.2/37

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: -5.543 ± 0.098 χ^2/NDF : 0.0/0

Left: -5.735 ± 0.094 χ^2/NDF : 48.8/1

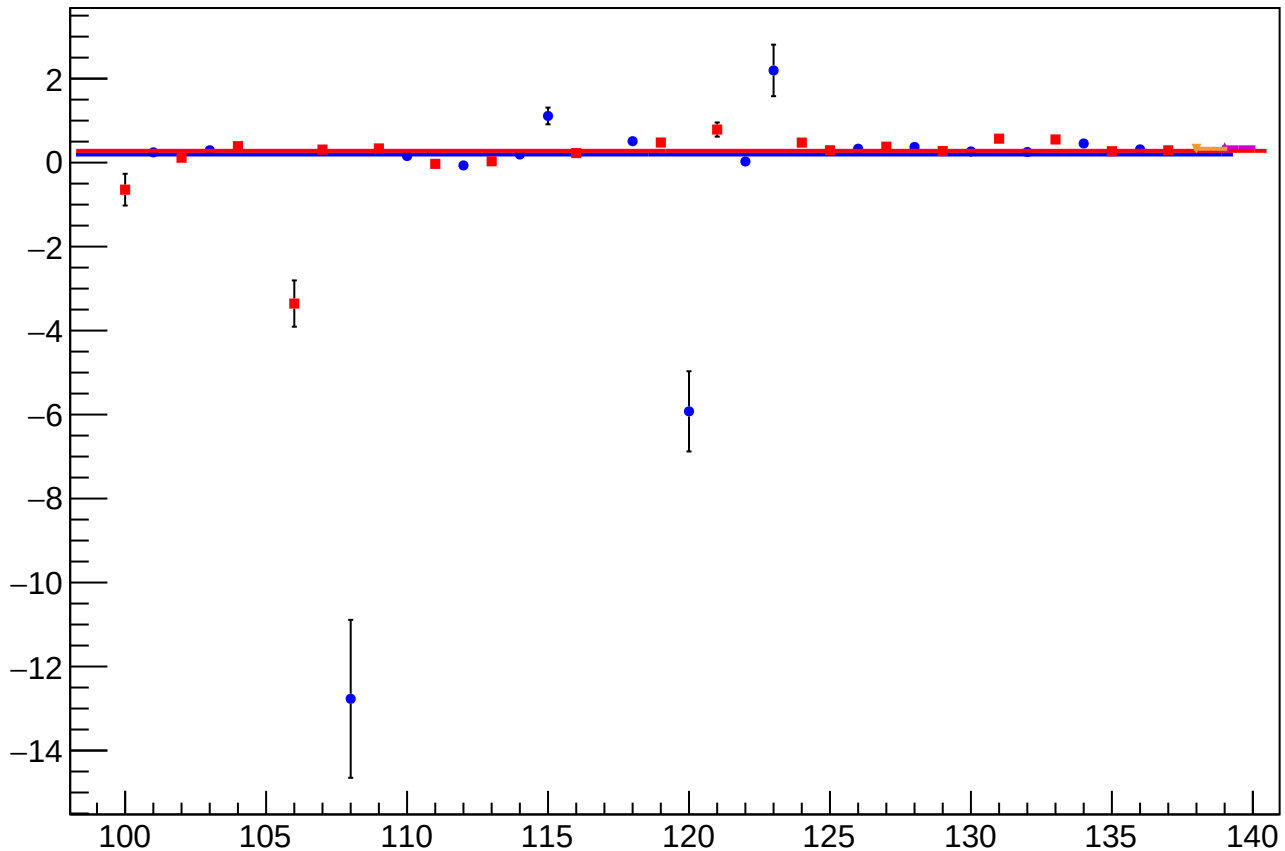
Right: -0.287 ± 0.000 χ^2/NDF : 150060.6/35

In: -0.287 ± 0.000 χ^2/NDF : 47145.4/17

Out: -5.896 ± 0.027 χ^2/NDF : 63533.0/19

All: -0.287 ± 0.000 χ^2/NDF : 153453.5/37

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.330 $\pm$ 0.002 χ^2 /NDF:0.0/0

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

Left In: 0.364 $\pm$ 0.006 χ^2 /NDF:0.0/0

Left: 0.332 $\pm$ 0.002 χ^2 /NDF: 32.8/1

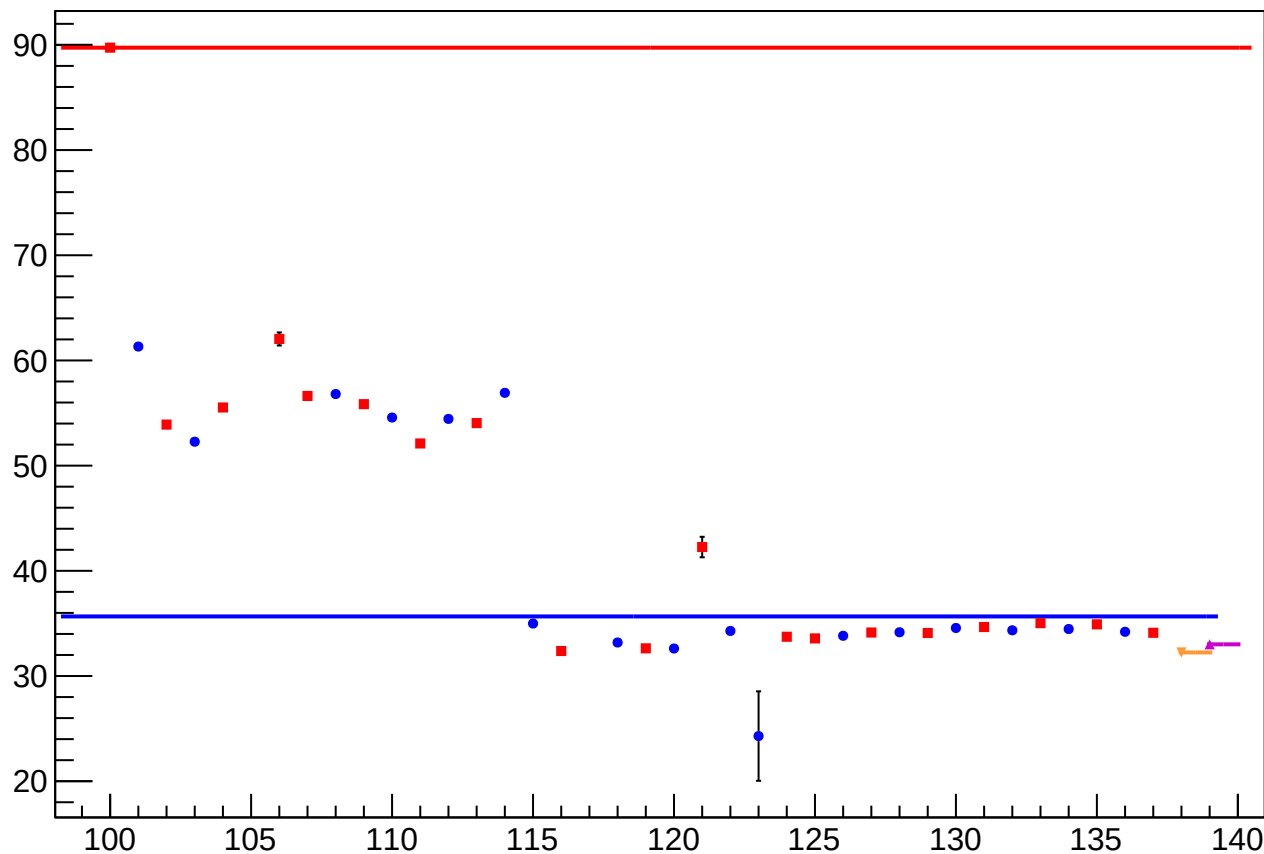
Right: 0.193 $\pm$ 0.000 χ^2 /NDF: 19578.7/35

In: 0.193 $\pm$ 0.000 χ^2 /NDF:10913.3/17

Out: 0.302 $\pm$ 0.001 χ^2 /NDF:6538.6/19

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 26981.7/37

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.241 $\pm$ 0.024 χ^2 /NDF:0.0/0

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

Left In: 33.012 $\pm$ 0.029 χ^2 /NDF:0.0/0

Left: 32.562 $\pm$ 0.019 χ^2 /NDF: 418.9/1

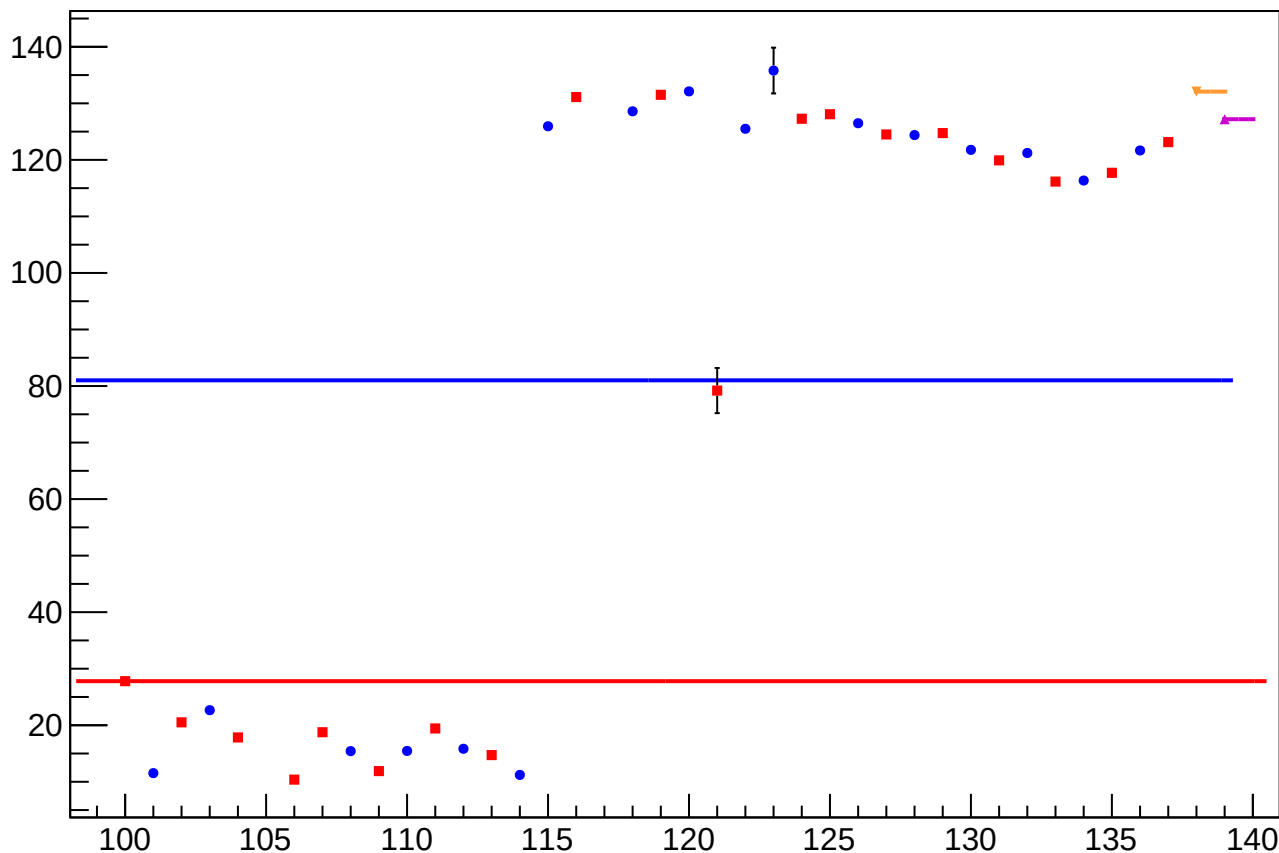
Right: 89.735 $\pm$ 0.000 χ^2 /NDF: 48650023.7/35

In: 35.305 $\pm$ 0.011 χ^2 /NDF:226026.7/17

Out: 89.735 $\pm$ 0.000 χ^2 /NDF:31394887.4/19

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 58137738.3/37

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: 127.194+/-0.097 χ^2/NDF : 0.0/0

Left: 130.310+/-0.058 χ^2/NDF : 1617.9/1

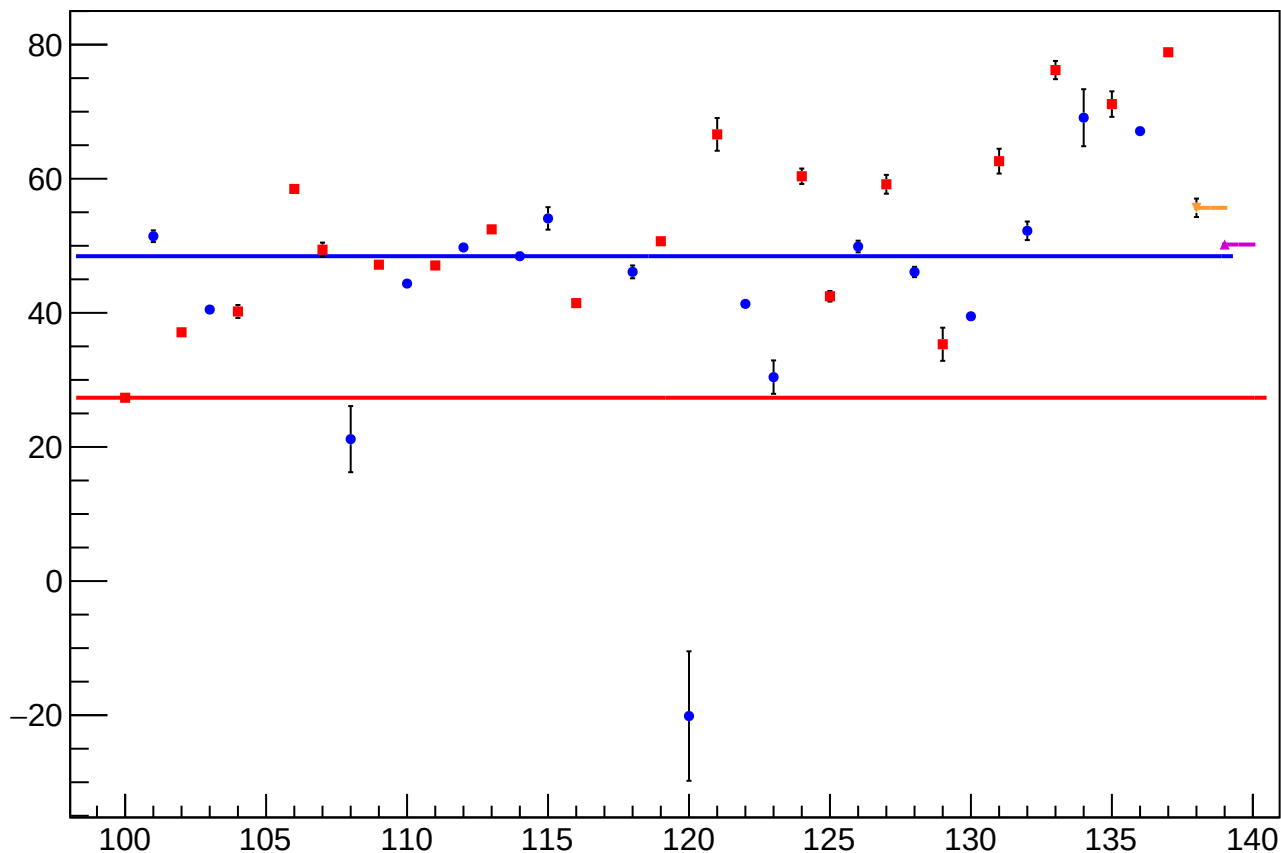
Right: 27.798+/-0.000 χ^2/NDF : 13786729.0/35

In: 86.202+/-0.033 χ^2/NDF : 2430174.7/17

Out: 27.798+/-0.000 χ^2/NDF : 11220106.7/19

All: 27.798+/-0.000 χ^2/NDF : 16873468.1/37

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 55.663 $\pm$ 1.375 χ^2 /NDF:0.0/0

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

Left In: 50.189 $\pm$ 0.508 χ^2 /NDF:0.0/0

Left: 50.846 $\pm$ 0.476 χ^2 /NDF: 13.9/1

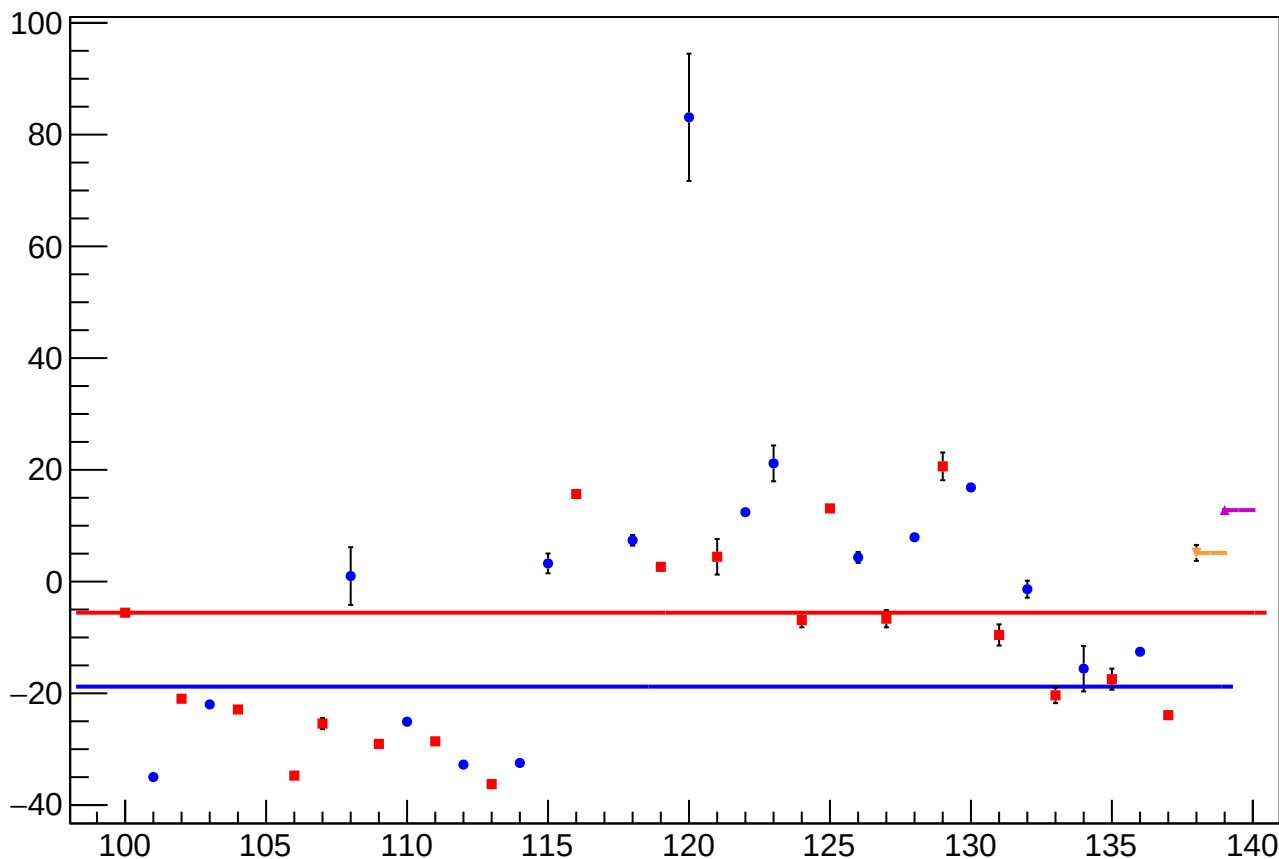
Right: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888328

In: 48.450 $\pm$ 0.000 χ^2 /NDF:2763.1/17

Out: 27.342 $\pm$ 0.000 χ^2 /NDF:26234.5/19

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: 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: 12.799 ± 0.494 $\chi^2/\text{NDF}: 0.0/0$

Left: 11.973 ± 0.466 $\chi^2/\text{NDF}: 25.9/1$

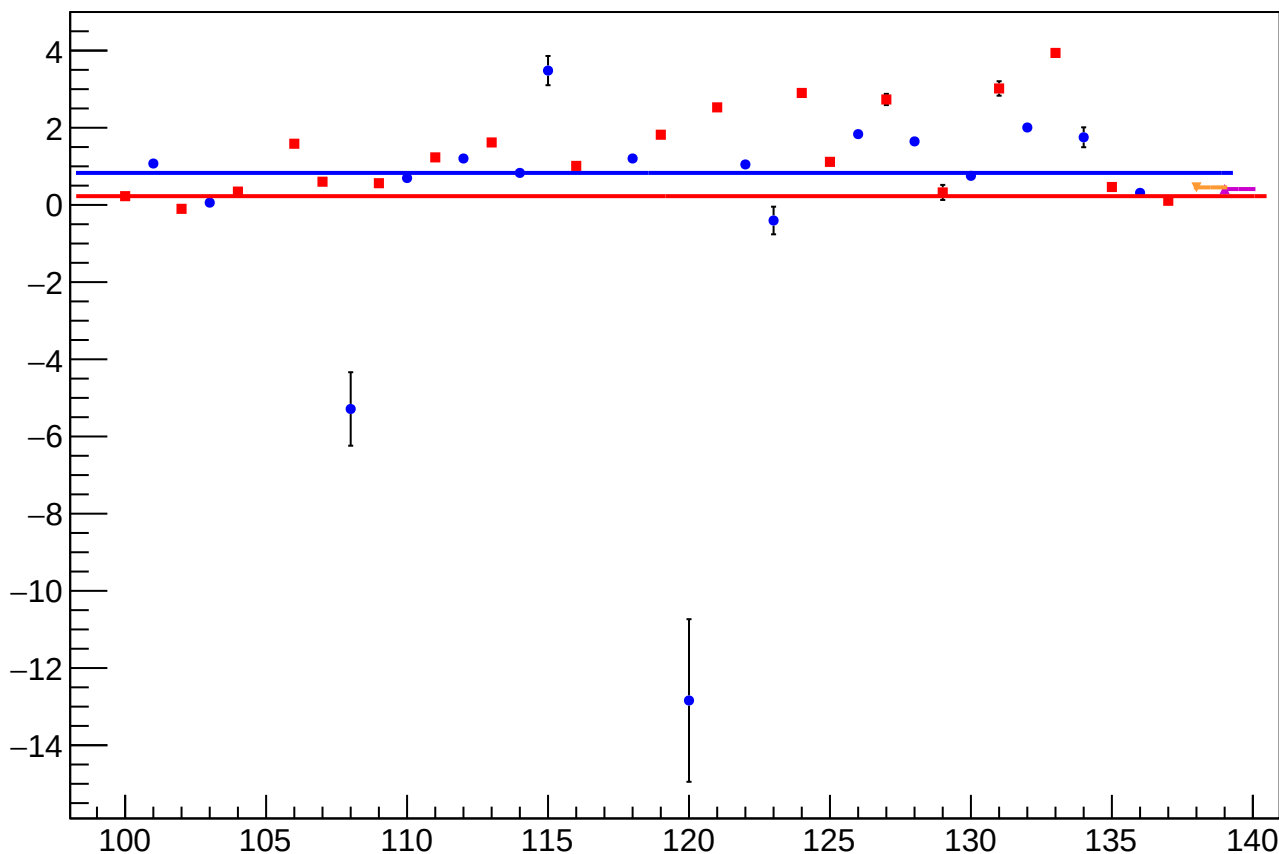
Right: -5.568 ± 0.000 $\chi^2/\text{NDF}: 42808.5/35$

In: -16.181 ± 0.142 $\chi^2/\text{NDF}: 15519.8/17$

Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23154.1/19$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 44248.6/37$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 14882.7/16$

Left Out: 0.455 ± 0.008 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 11819.9/18$

Left In: 0.412 ± 0.005 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.424 ± 0.004 $\chi^2/\text{NDF}: 19.1/1$

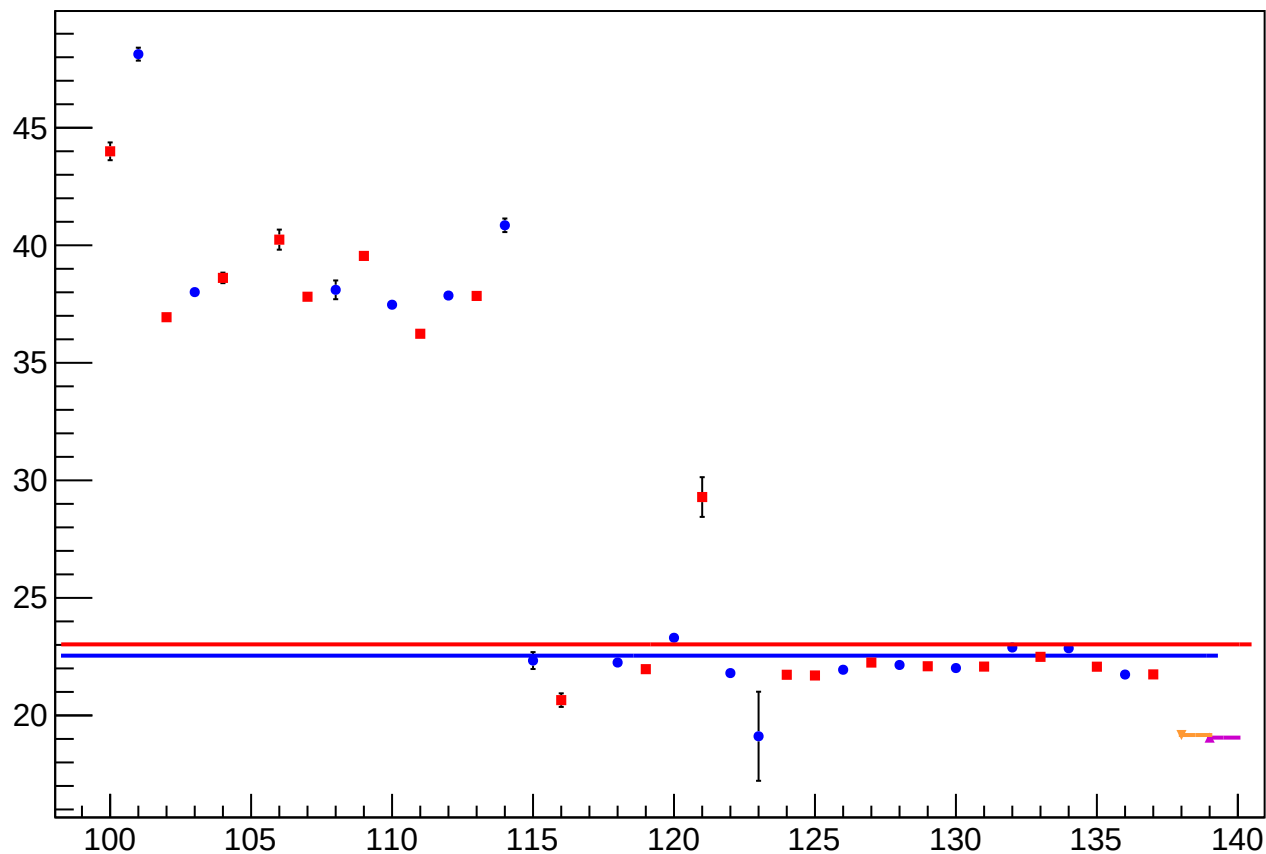
Right: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457147$

In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 21207.0/17$

Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 12553.3/19$

All: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 19.167 $\pm$ 0.036 χ^2 /NDF:0.0/0

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

Left In: 19.056 $\pm$ 0.025 χ^2 /NDF:0.0/0

Left: 19.092 $\pm$ 0.021 χ^2 /NDF: 6.2/1

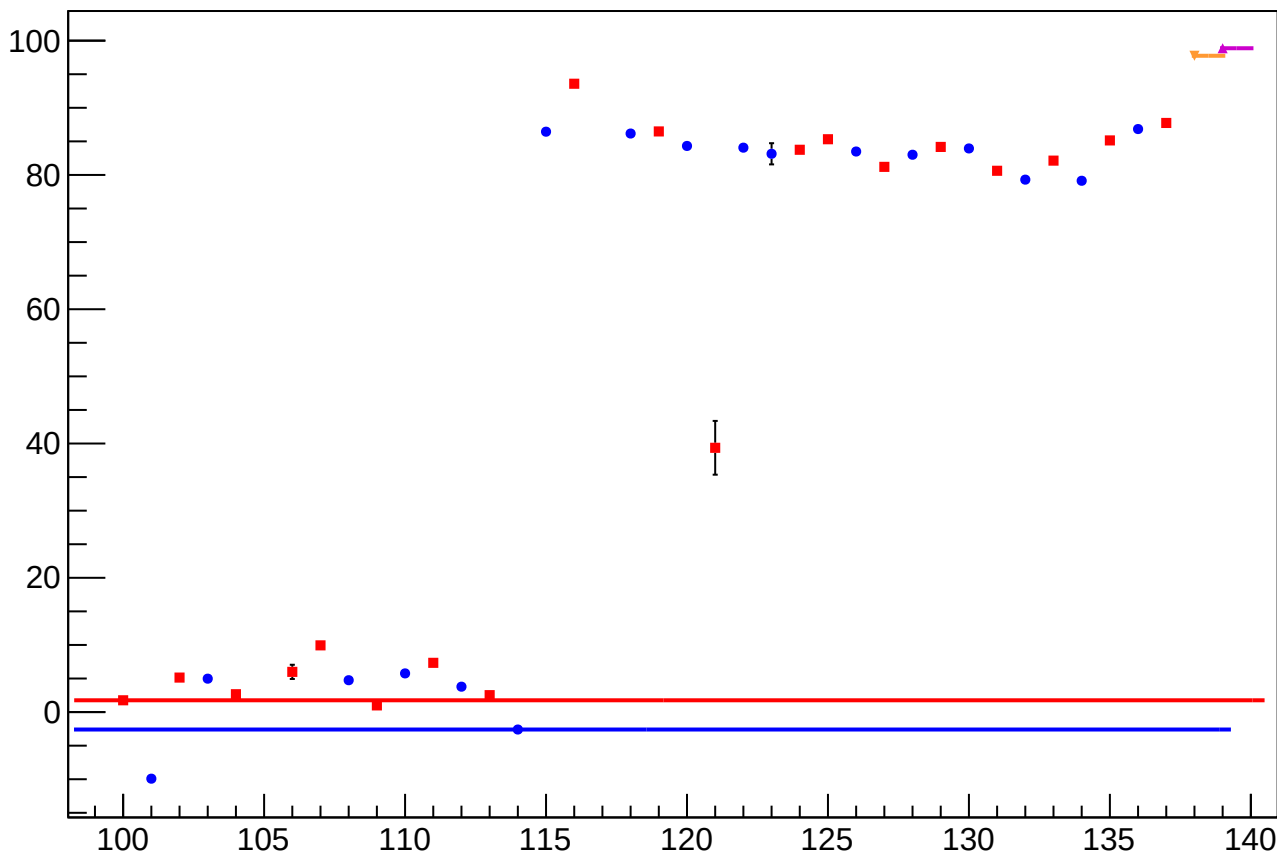
Right: 22.790 $\pm$ 0.006 χ^2 /NDF: 272655.1/35

In: 22.131 $\pm$ 0.009 χ^2 /NDF:122037.9/17

Out: 22.799 $\pm$ 0.009 χ^2 /NDF:176375.3/19

All: 22.463 $\pm$ 0.006 χ^2 /NDF: 301321.1/37

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: 98.870+/-0.085 χ^2/NDF : 0.0/0

Left: 98.231+/-0.056 χ^2/NDF : 98.8/1

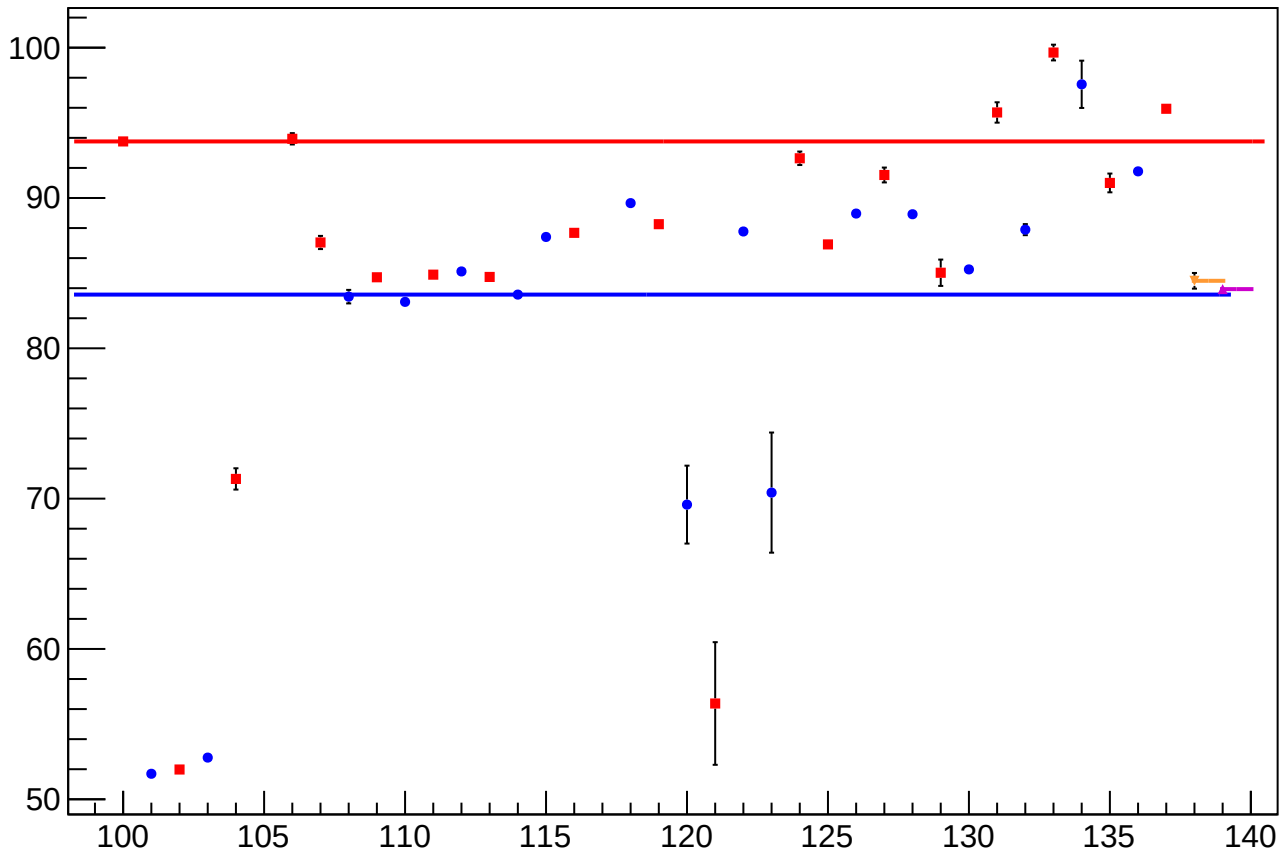
Right: -1.059+/-0.000 χ^2/NDF : 3731791751577379

In: -2.596+/-0.000 χ^2/NDF : 8814573.2/17

Out: 1.758+/-0.000 χ^2/NDF : 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: 83.938+/-0.184 χ^2/NDF : 0.0/0

Left: 83.999+/-0.173 χ^2/NDF : 1.0/1

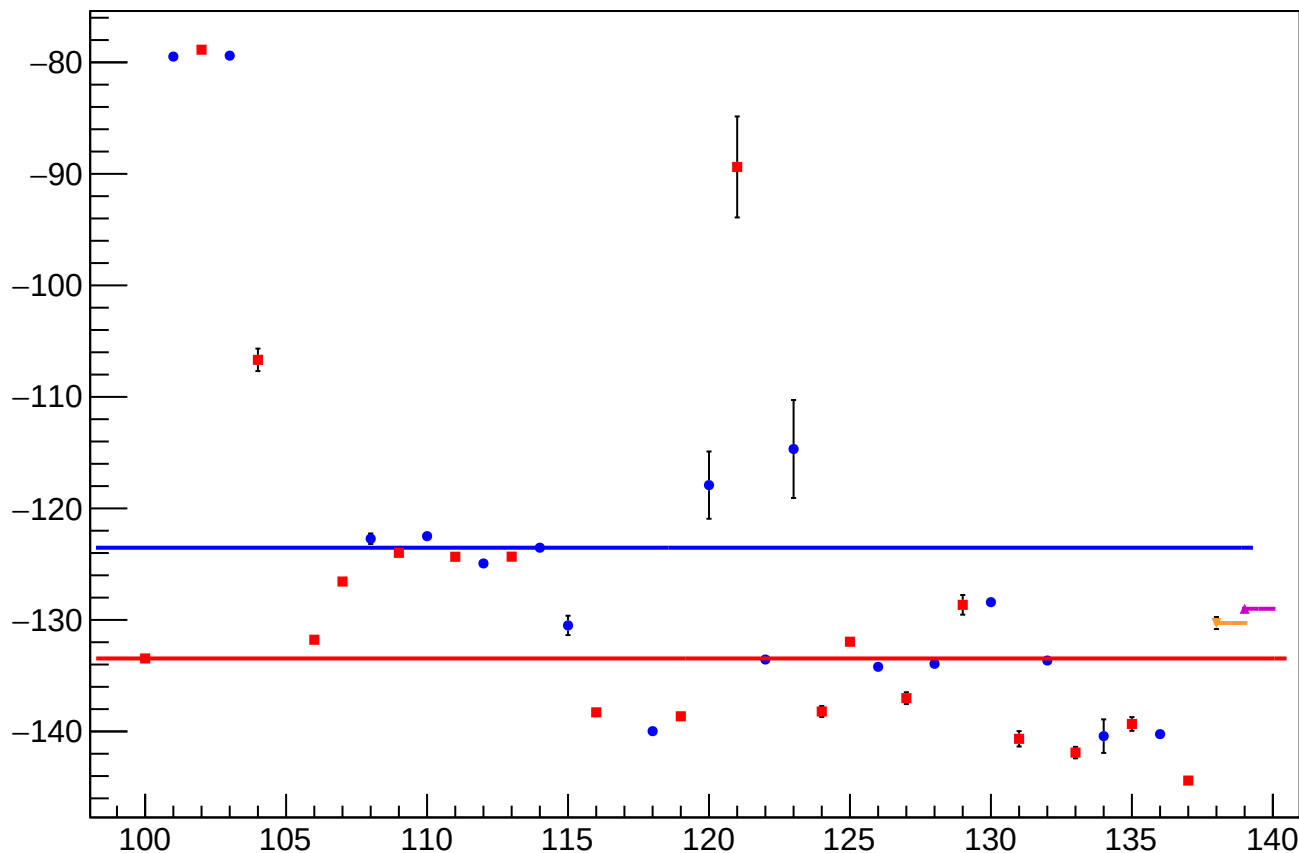
Right: 87.169+/-0.000 χ^2/NDF : 1995684404141260

In: 83.573+/-0.000 χ^2/NDF : 49471.9/17

Out: 93.762+/-0.000 χ^2/NDF : 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: -129.000+/-0.176 χ^2/NDF : 0.0/0

Left: -129.123+/-0.168 χ^2/NDF : 5.1/1

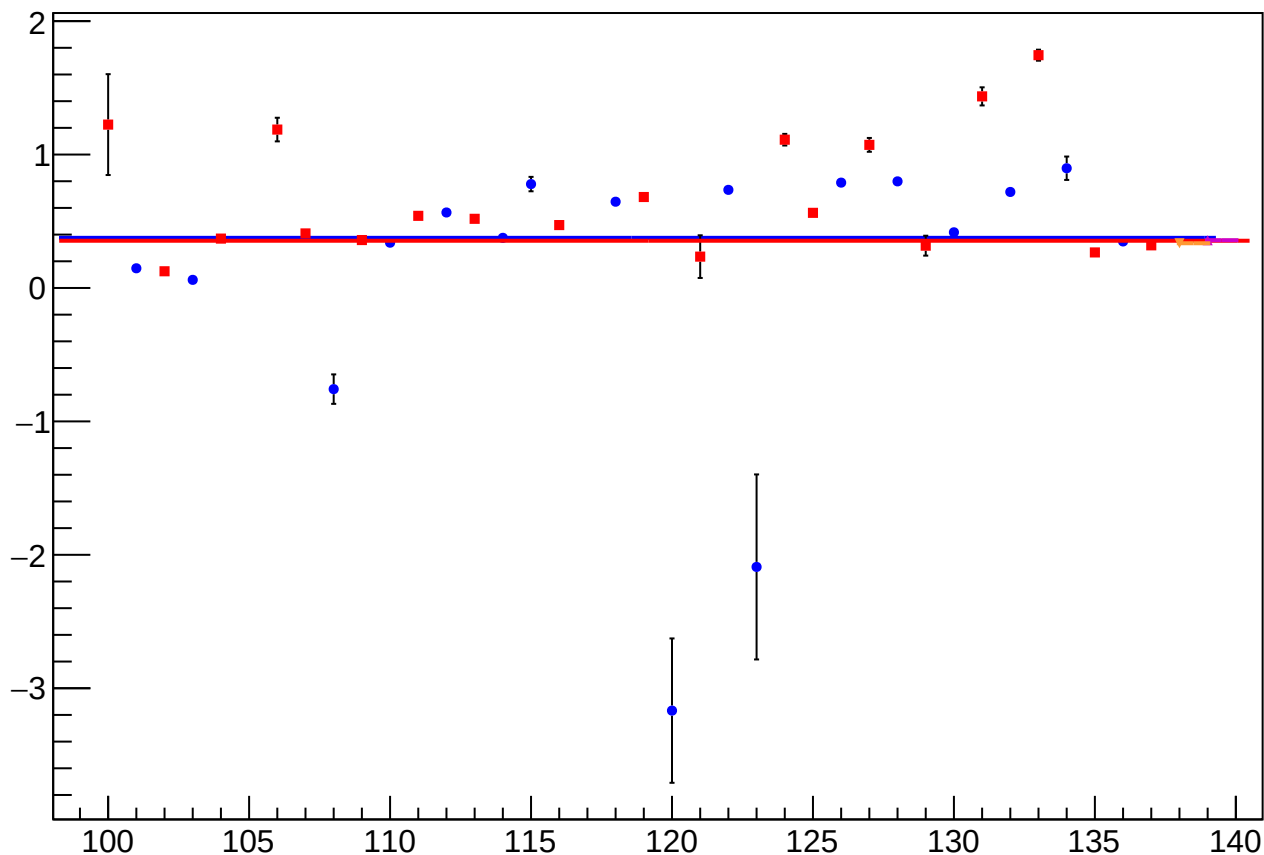
Right: -124.716+/-0.000 χ^2/NDF : 64467869901657

In: -123.524+/-0.000 χ^2/NDF : 161320.7/17

Out: -133.456+/-0.000 χ^2/NDF : 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: 0.358 $\pm$ 0.002 χ^2 /NDF:0.0/0

Left: 0.355 $\pm$ 0.002 χ^2 /NDF: 25.3/1

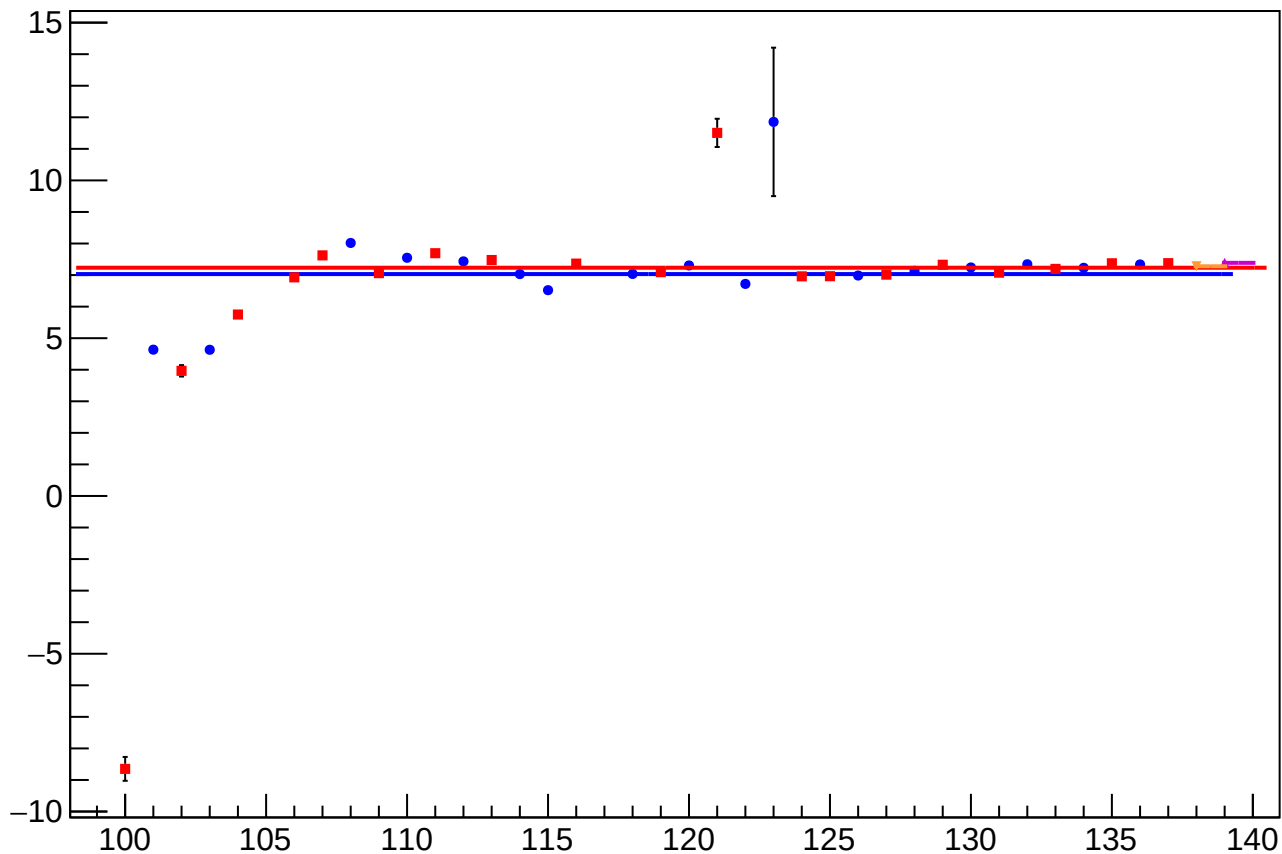
Right: 0.376 $\pm$ 0.000 χ^2 /NDF: 8762.1/35

In: 0.376 $\pm$ 0.000 χ^2 /NDF:4081.5/17

Out: 0.352 $\pm$ 0.001 χ^2 /NDF:4610.6/19

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 8976.2/37

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: 7.388 $\pm$ 0.004 χ^2 /NDF:0.0/0

Left: 7.357 $\pm$ 0.004 χ^2 /NDF: 180.2/1

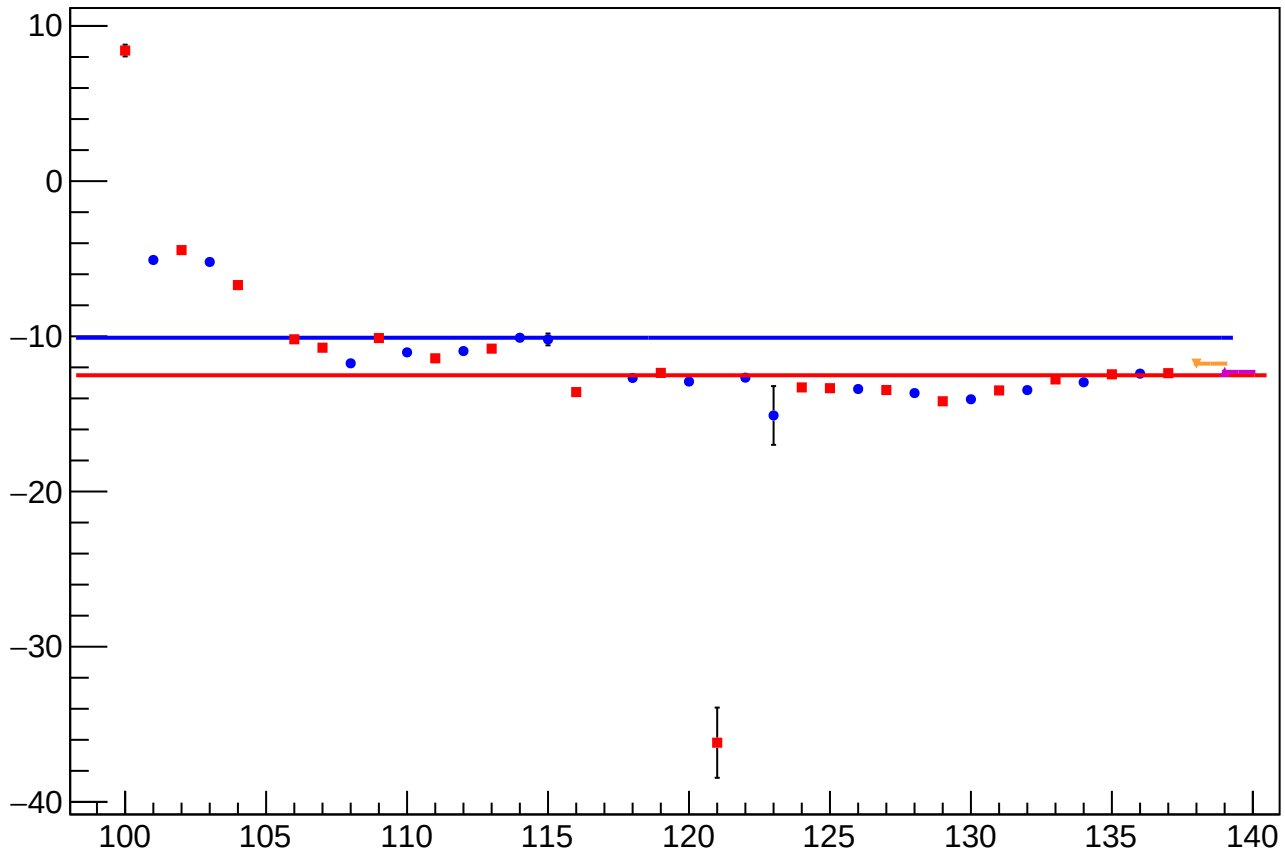
Right: 7.032 $\pm$ 0.000 χ^2 /NDF: 36990.7/35

In: 7.032 $\pm$ 0.000 χ^2 /NDF:26515.1/17

Out: 7.238 $\pm$ 0.002 χ^2 /NDF:10101.8/19

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 45039.9/37

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: -12.289 $\pm$ 0.017 χ^2 /NDF: 0.0/0

Left: -12.054 $\pm$ 0.013 χ^2 /NDF: 439.7/1

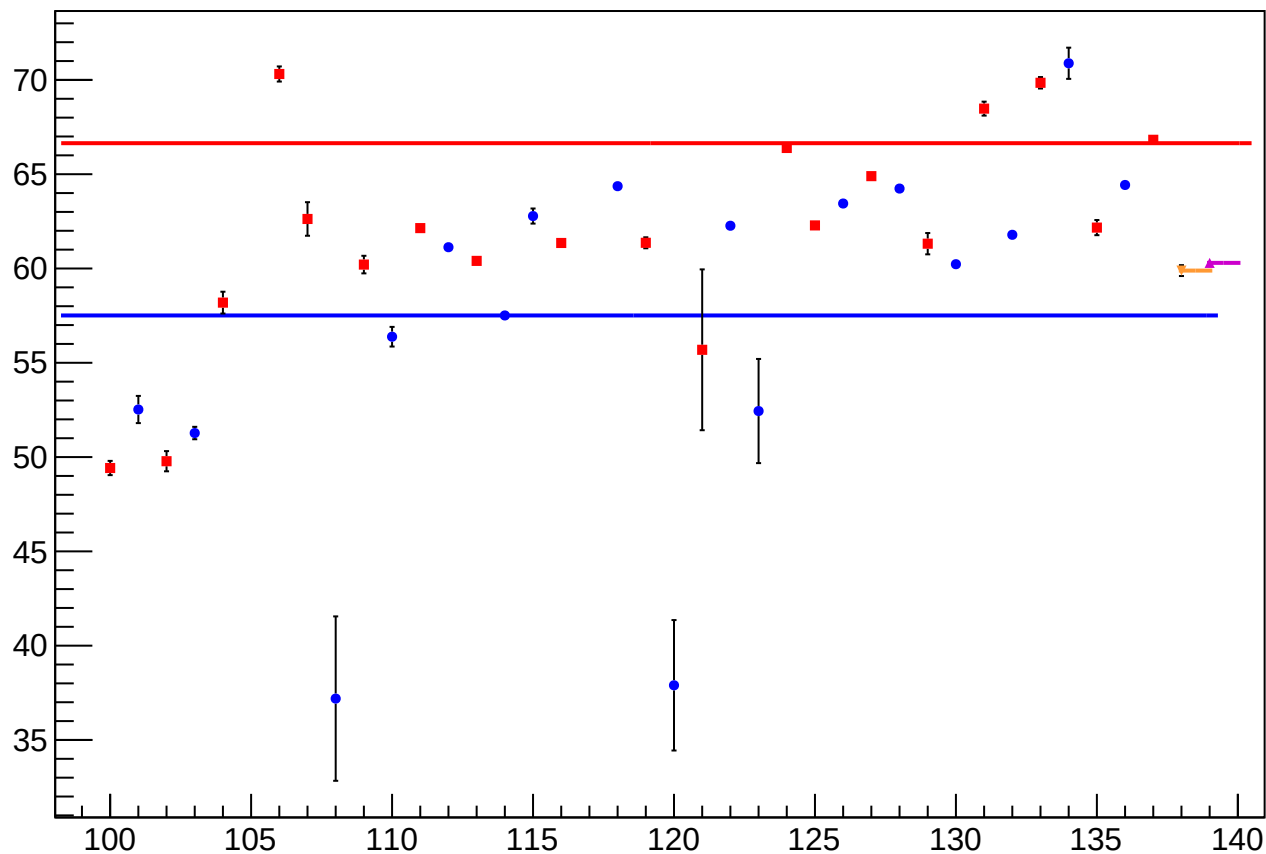
Right: -10.092 $\pm$ 0.000 χ^2 /NDF: 1062248.5/35

In: -10.092 $\pm$ 0.000 χ^2 /NDF: 560528.4/17

Out: -12.480 $\pm$ 0.004 χ^2 /NDF: 105035.3/19

All: -10.092 $\pm$ 0.000 χ^2 /NDF: 1087150.6/37

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: 60.298 $\pm$ 0.118 χ^2 /NDF:0.0/0

Left: 60.239 $\pm$ 0.109 χ^2 /NDF: 1.7/1

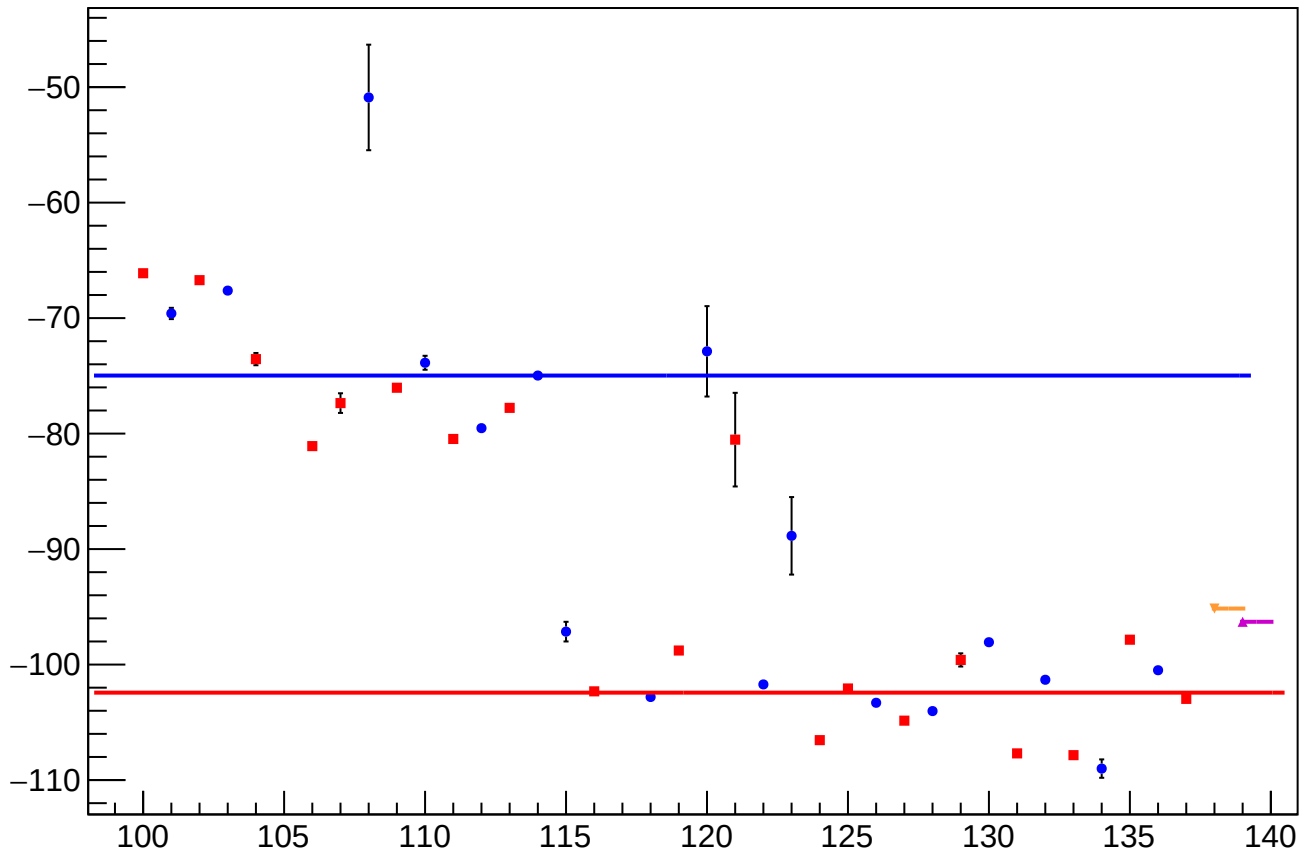
Right: 57.510 $\pm$ 0.000 χ^2 /NDF: 504438.3/35

In: 57.510 $\pm$ 0.000 χ^2 /NDF:8667.8/17

Out: 66.631 $\pm$ 0.013 χ^2 /NDF:8710.7/19

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 505065.5/37

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -95.149 ± 0.300 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

Left In: -96.295 ± 0.155 $\chi^2/\text{NDF}: 0.0/0$

Left: -96.055 ± 0.137 $\chi^2/\text{NDF}: 11.5/1$

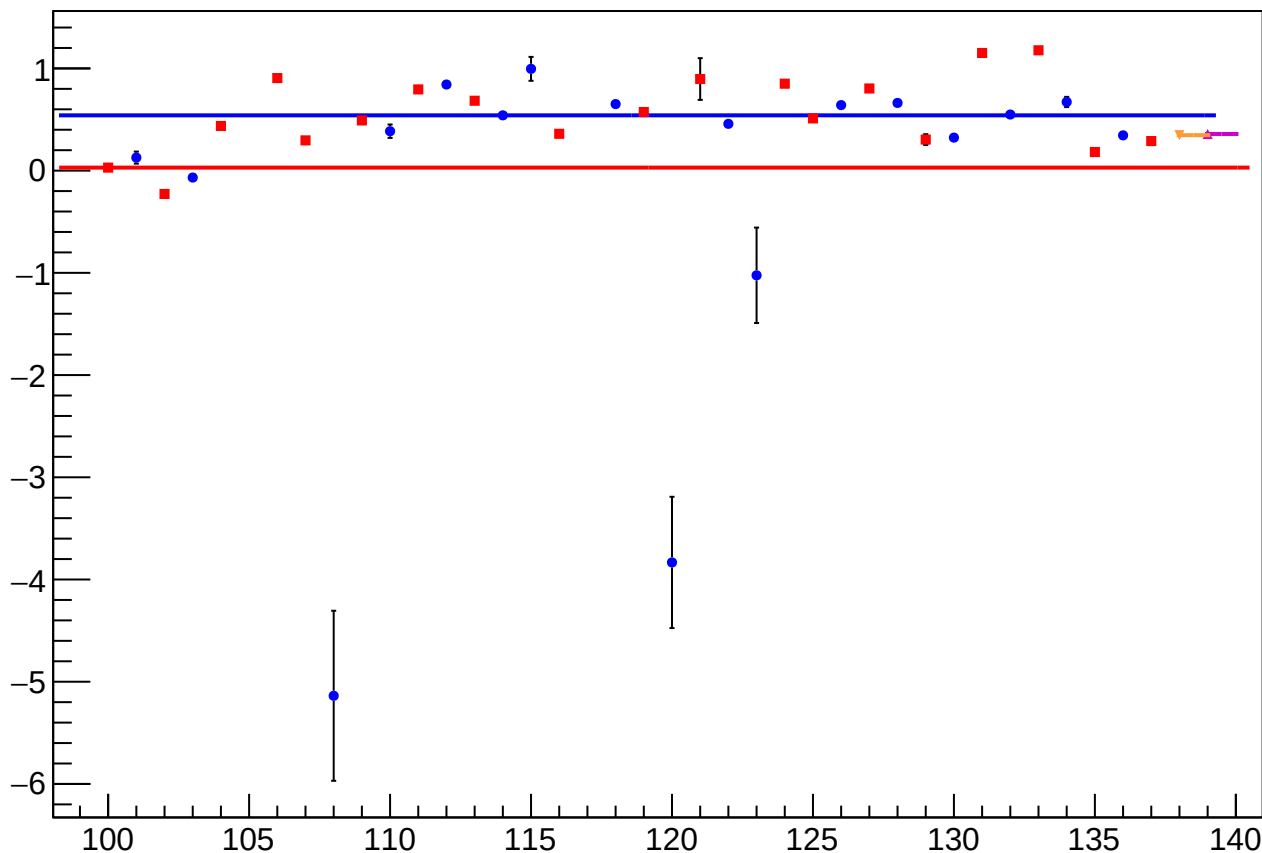
Right: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2556524.2/35$

In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 149561.0/17$

Out: -102.405 ± 0.018 $\chi^2/\text{NDF}: 50962.8/19$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2580051.2/37$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.347 $\pm$ 0.003 χ^2 /NDF:0.0/0

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

Left In: 0.359 $\pm$ 0.002 χ^2 /NDF:0.0/0

Left: 0.355 $\pm$ 0.002 χ^2 /NDF: 10.8/1

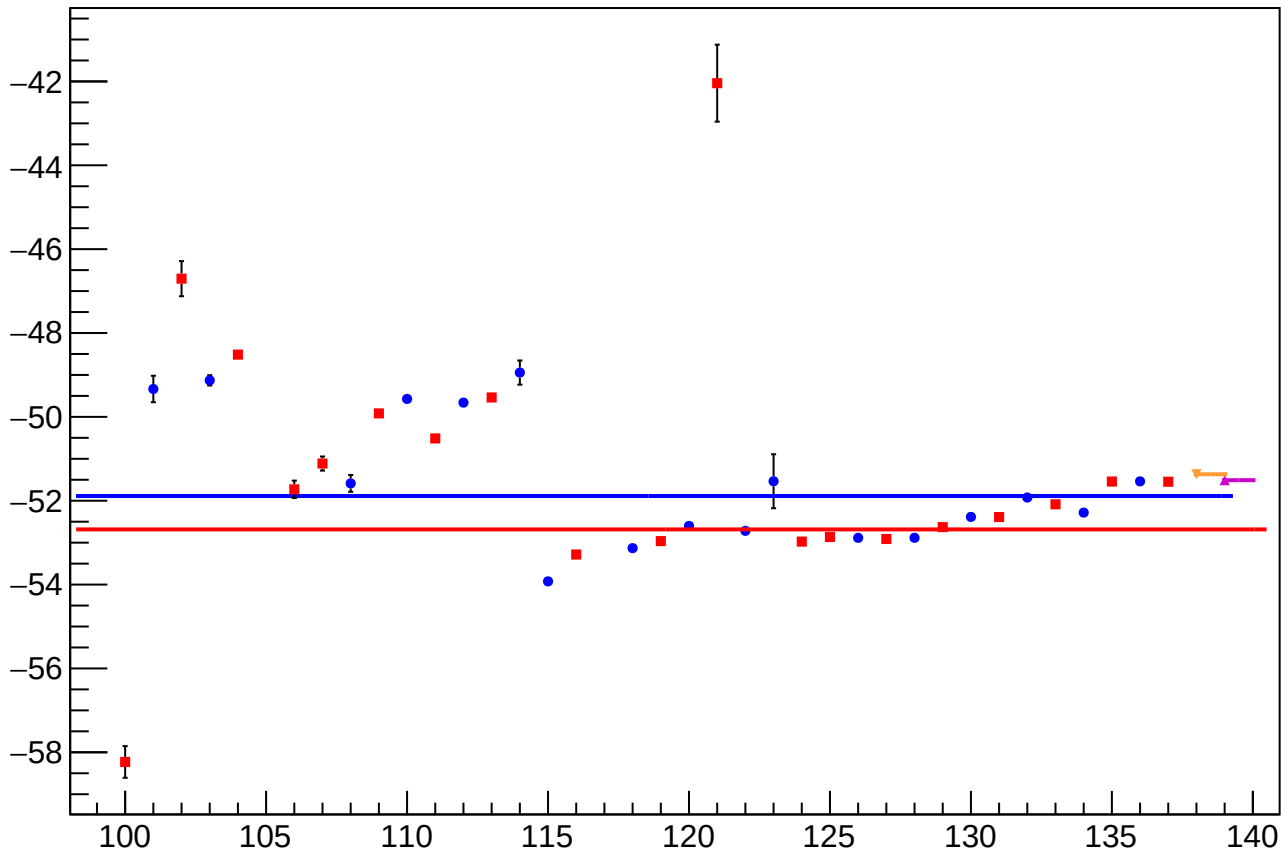
Right: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

In: 0.541 $\pm$ 0.000 χ^2 /NDF:37200.6/17

Out: 0.030 $\pm$ 0.000 χ^2 /NDF:133526.6/19

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -51.369 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Right Out: -52.684 $\pm$ 0.003 χ^2 /NDF: 56125.8/18

Left In: -51.510 $\pm$ 0.007 χ^2 /NDF: 0.0/0

Left: -51.450 $\pm$ 0.006 χ^2 /NDF: 162.3/1

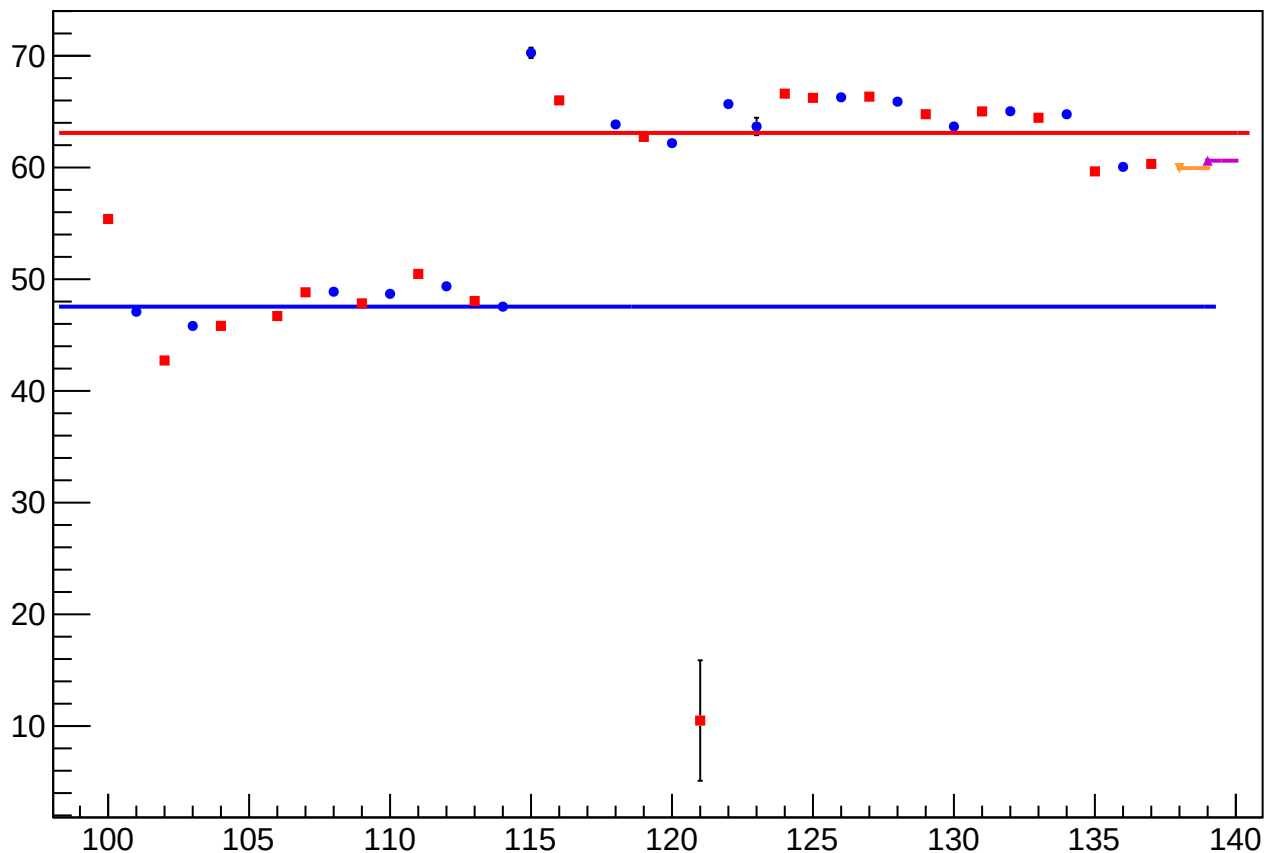
Right: -52.231 $\pm$ 0.002 χ^2 /NDF: 188721.6/35

In: -51.855 $\pm$ 0.002 χ^2 /NDF: 80065.5/17

Out: -52.574 $\pm$ 0.002 χ^2 /NDF: 78242.9/19

All: -52.165 $\pm$ 0.002 χ^2 /NDF: 207279.8/37

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: 60.613±/0.059 χ^2/NDF : 0.0/0

Left: 59.993±/0.016 χ^2/NDF : 118.0/1

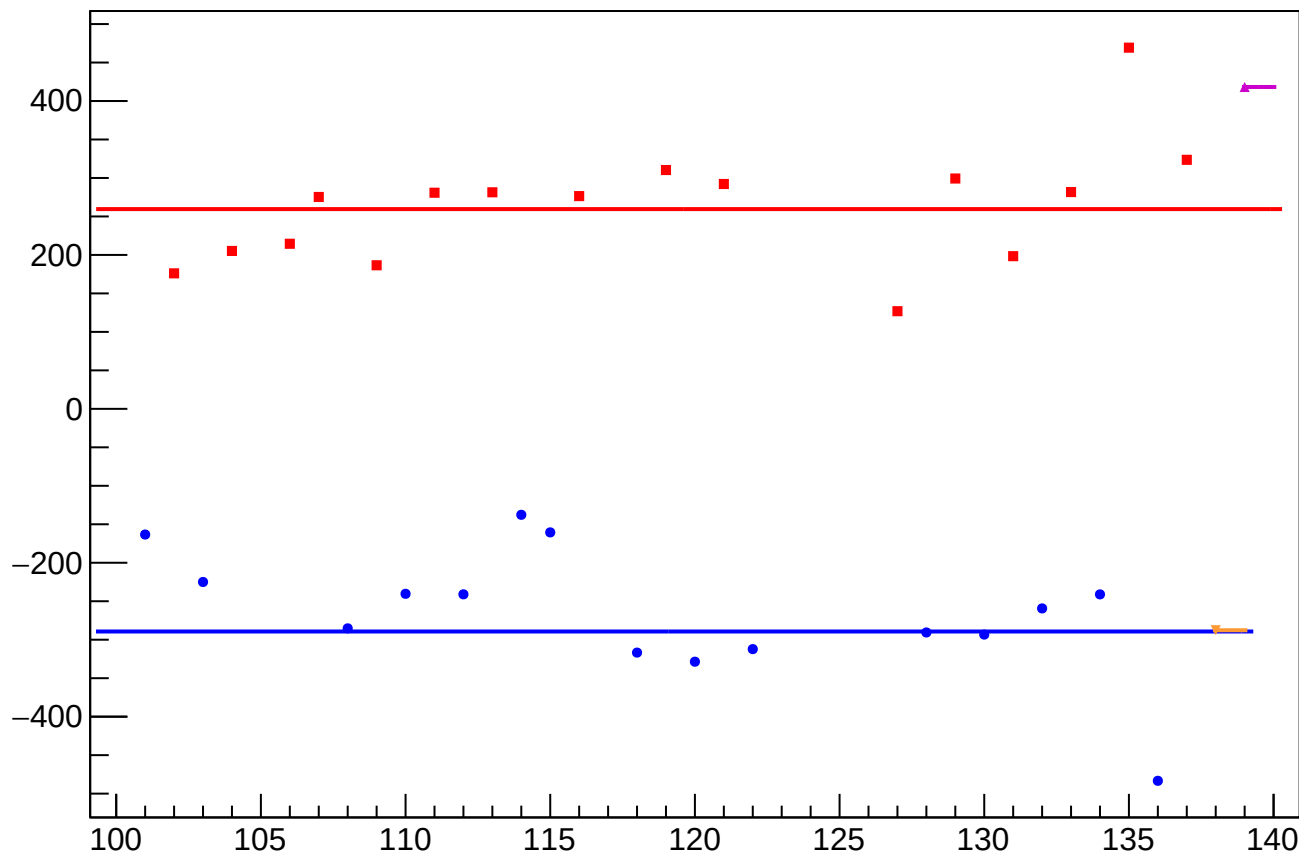
Right: 47.545±/0.000 χ^2/NDF : 8155028.5/35

In: 47.545±/0.000 χ^2/NDF : 3540504.5/17

Out: 62.538±/0.007 χ^2/NDF : 365064.8/19

All: 47.545±/0.000 χ^2/NDF : 8796447.3/37

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: -289.322+/-0.000

Left Out: -287.718+/-0.000

Right Out: 259.558+/-0.000

Left In: 418.245+/-0.000

χ^2/NDF : 53696816404891478649585392183934976.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 4299886792692123970784563983770714112.0/15

χ^2/NDF : 0.0/0

Left: 71.924+/-0.000 χ^2/NDF : 19803682122822047

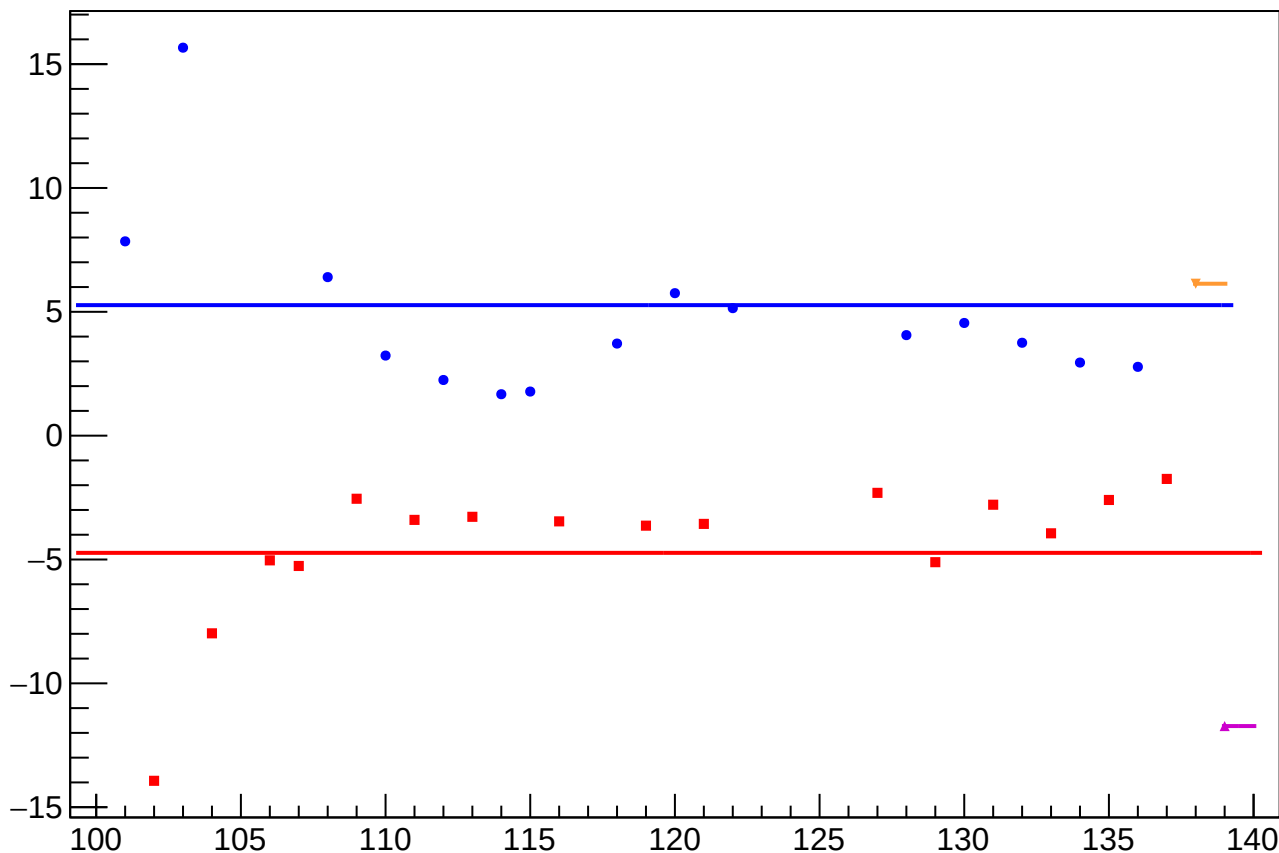
Right: -11.129+/-0.000 χ^2/NDF : 108768514077982

In: -210.811+/-0.000 χ^2/NDF : 4142273316200865

Out: 202.259+/-0.000 χ^2/NDF : 2521575754137828

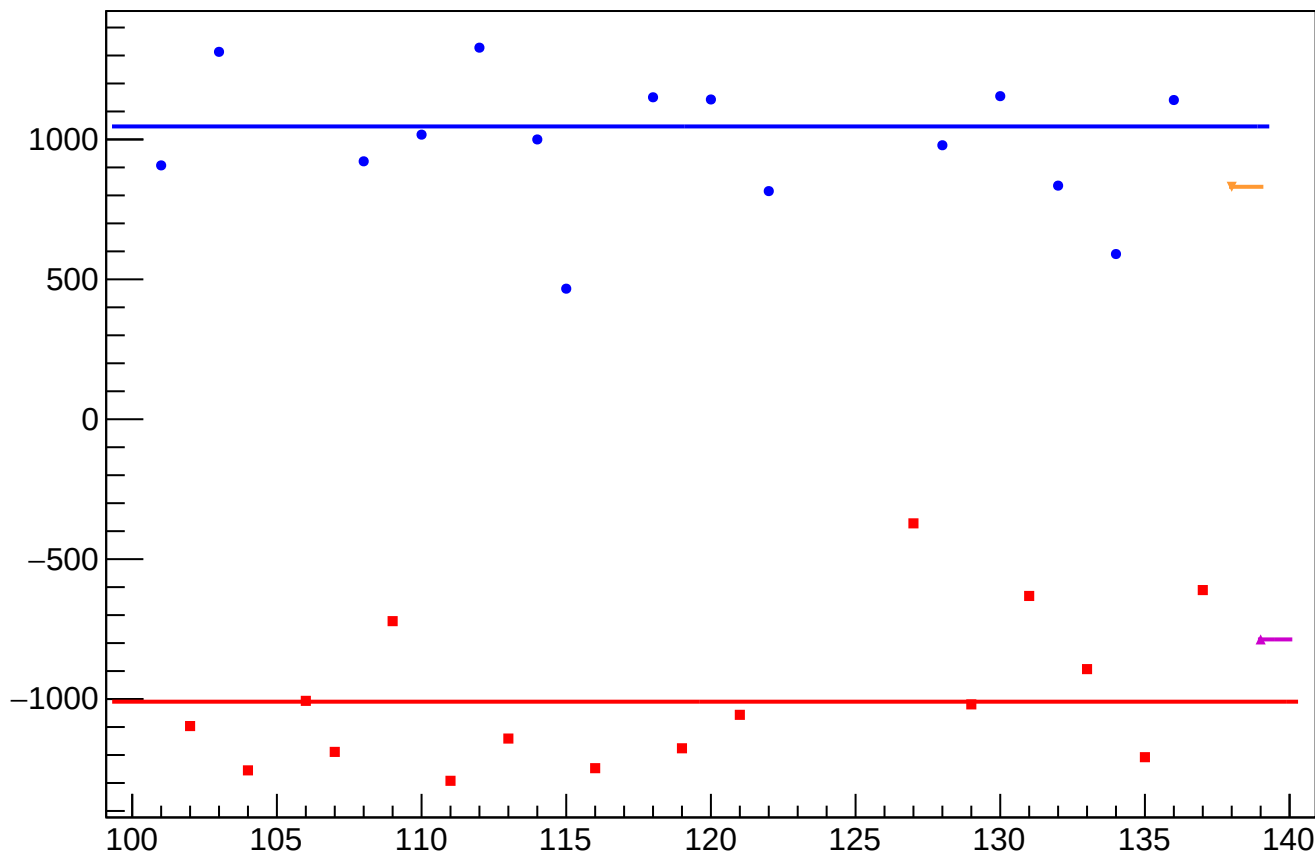
All: -2.176+/-0.000 χ^2/NDF : 1295506999128

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: -11.725+/-0.000 χ^2/NDF : 0.0/0
 In: 3.384+/-0.000 χ^2/NDF : 295070345988768355
 Out: -3.594+/-0.000 χ^2/NDF : 15101350058622318
 All: -0.140+/-0.000 χ^2/NDF : 6256133548266

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left: 6.679+/-0.000 χ^2/NDF : 103981476795355592

Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

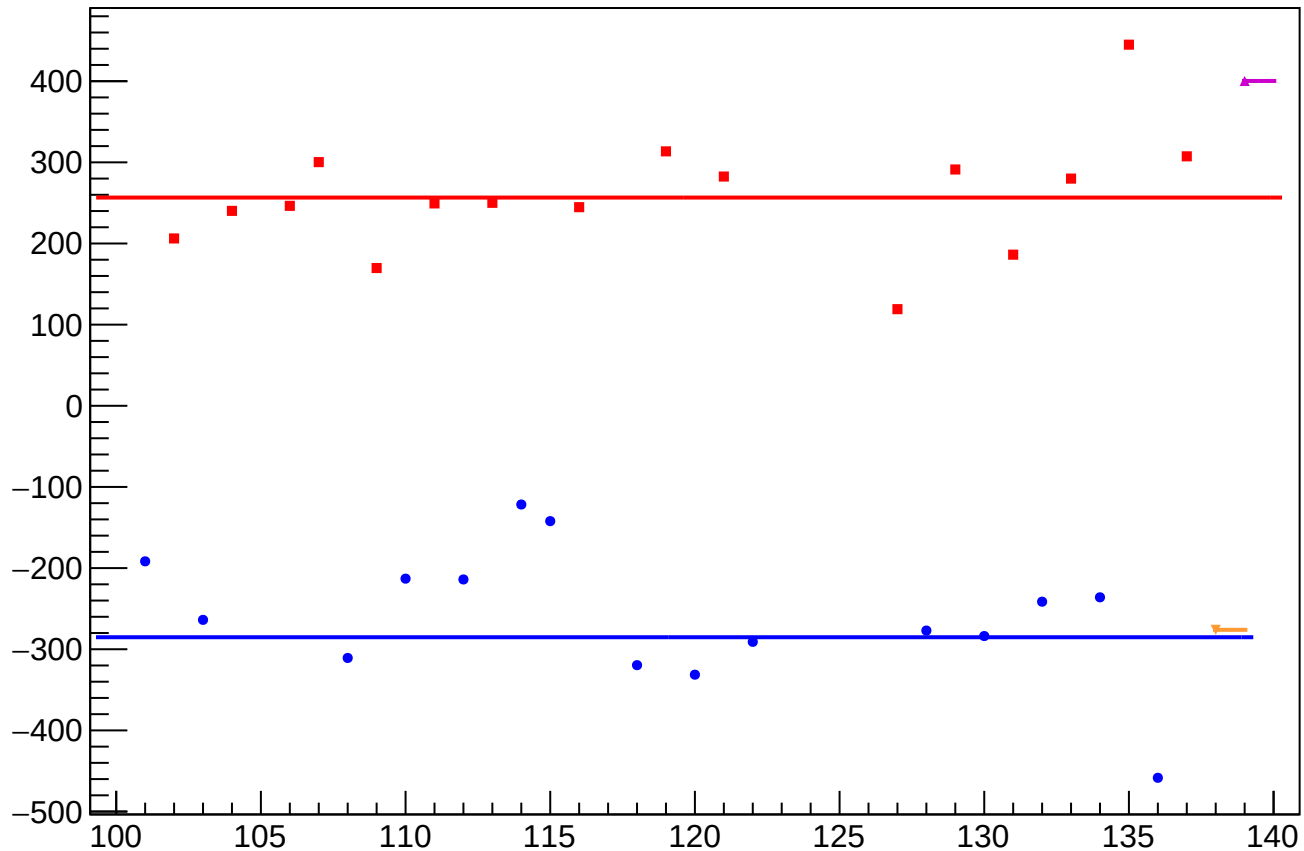
In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -816.779+/-0.000 χ^2/NDF : 281086403539326

Left In: -786.889+/-0.000 χ^2/NDF : 0.0/0

All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: -285.187+/-0.000

χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -276.074+/-0.000

χ^2/NDF : 0.0/0

Right Out: 256.599+/-0.000

χ^2/NDF : 3648271535971039165952602563191767040.0/15

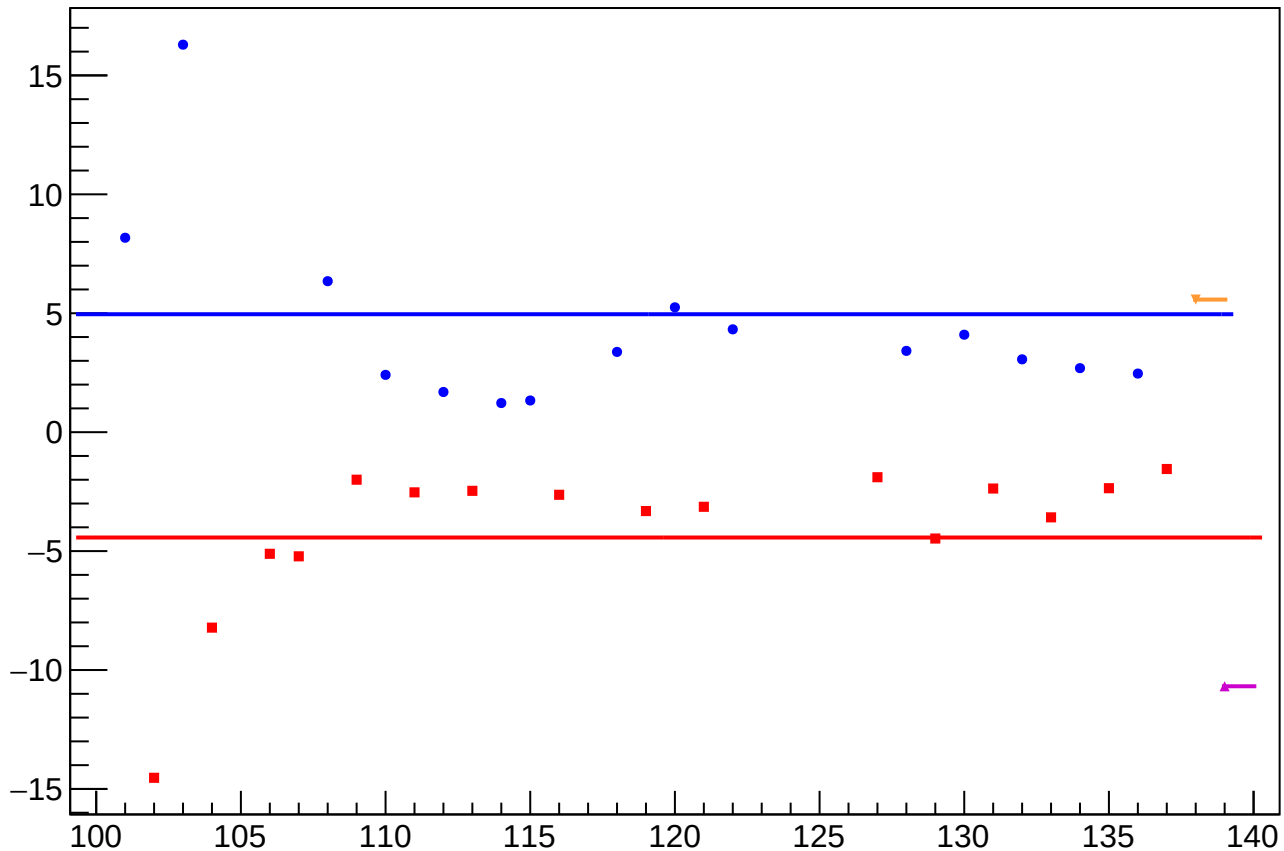
Left In: 400.270+/-0.000

χ^2/NDF : 0.0/0

All: -2.065+/-0.000

χ^2/NDF : 1237454614008

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: -10.683+/-0.000

χ^2/NDF : 0.0/0

Left: -2.707+/-0.000 χ^2/NDF : 10504198320592909

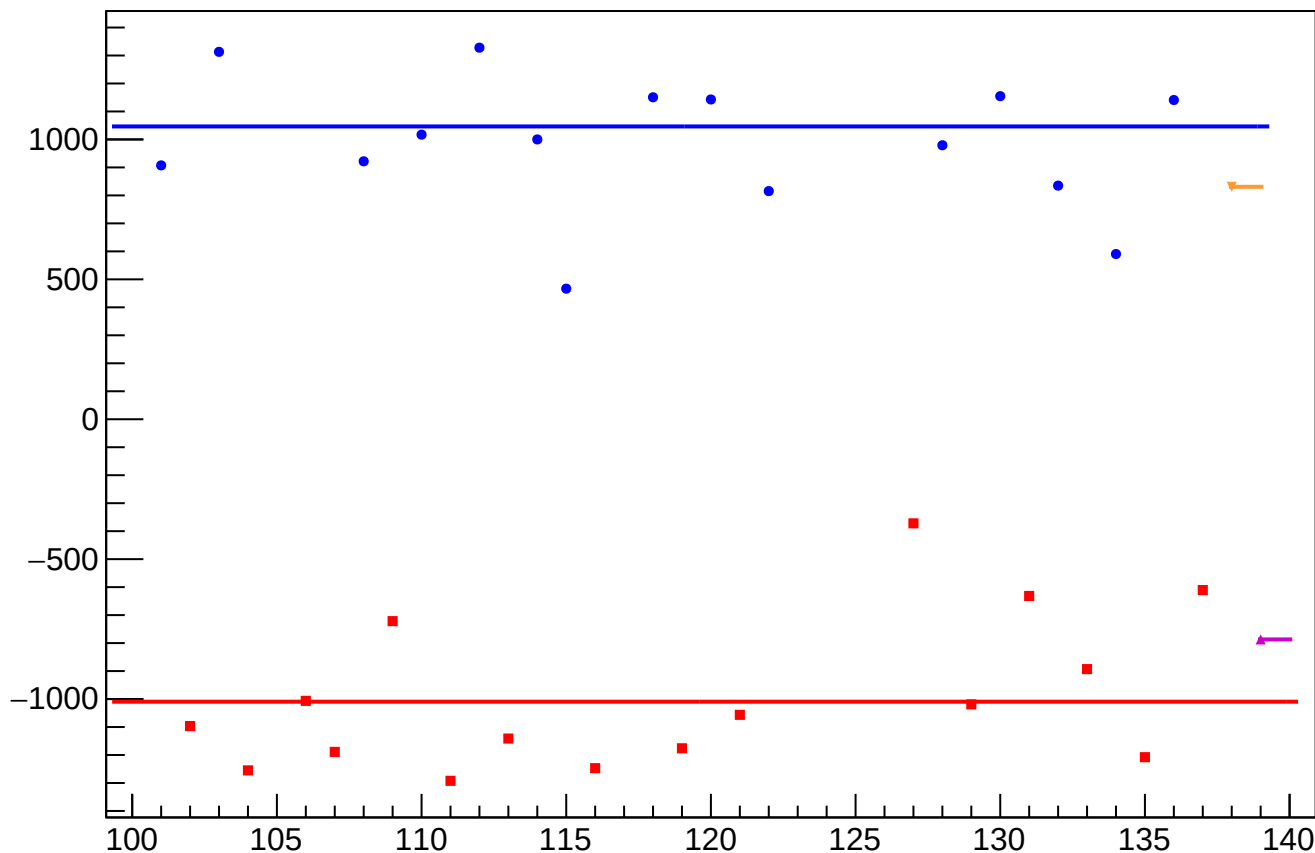
Right: 0.201+/-0.000 χ^2/NDF : 47826300884905300

In: 3.223+/-0.000 χ^2/NDF : 2808509326171034703

Out: -3.381+/-0.000 χ^2/NDF : 15361131641632274

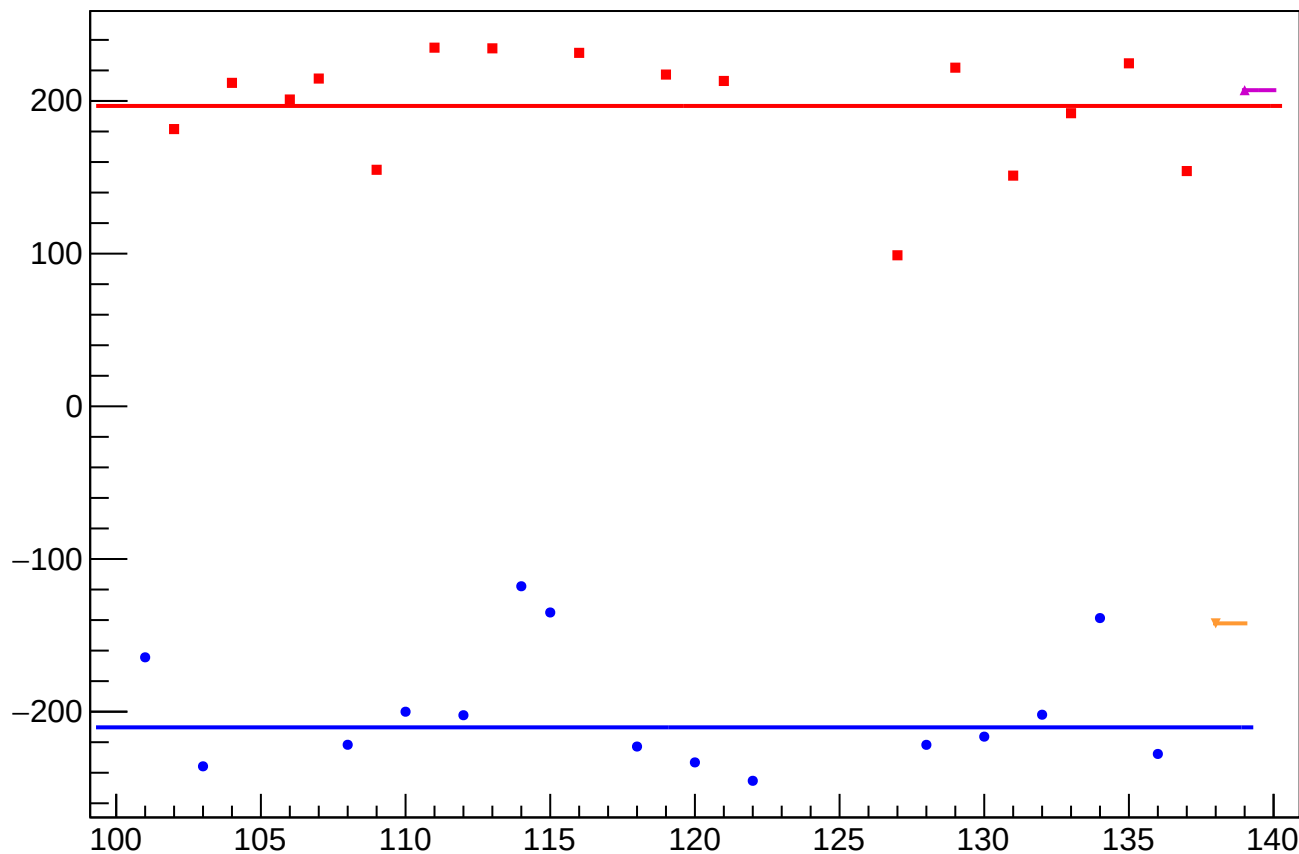
All: -0.113+/-0.000 χ^2/NDF : 5953010583201

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



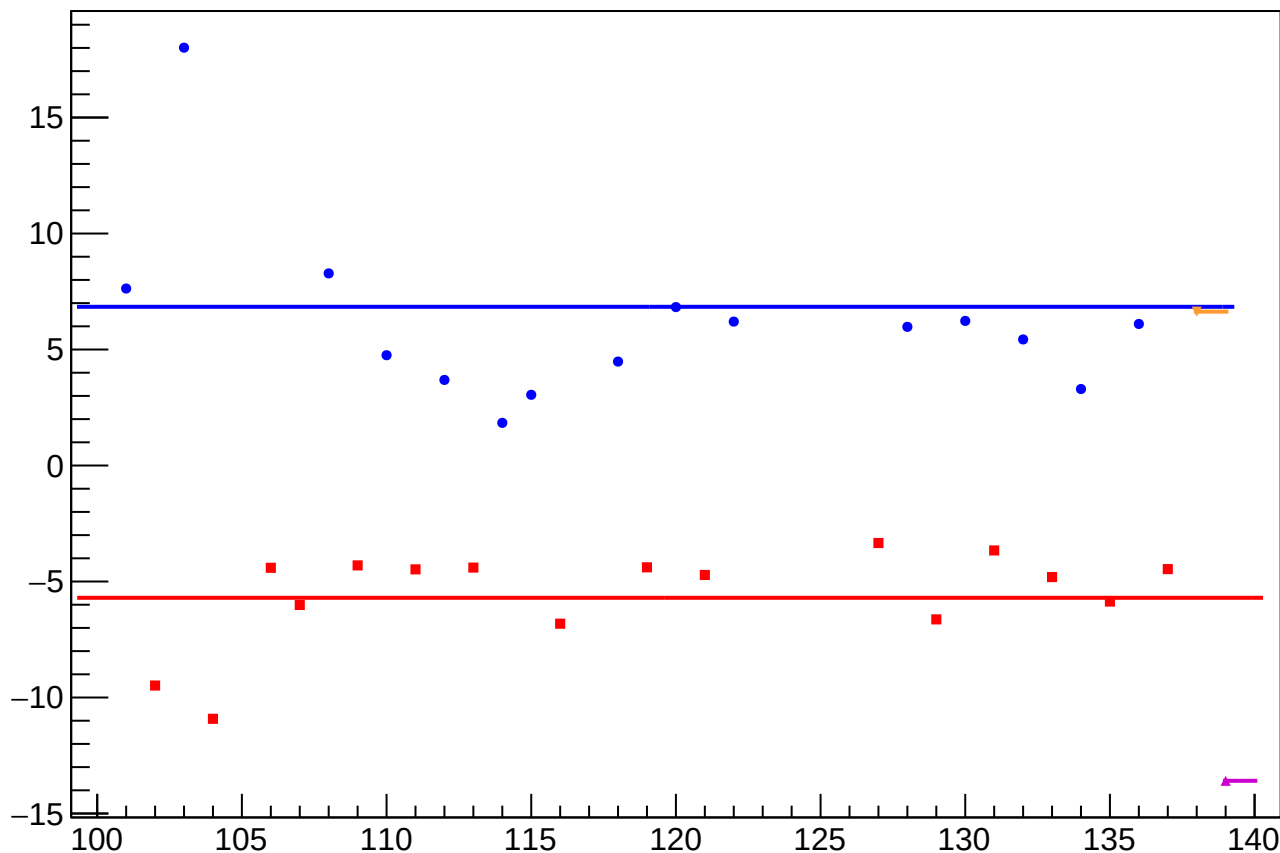
Right In: 1046.490 ± 0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$
 Left Out: 830.769 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -1009.445 ± 0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$
 Left In: -786.889 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 4.701 ± 0.000 $\chi^2/\text{NDF}: 15638315828125$

dit_11X12X_coil1_mean vs Slug, Sign Corrected



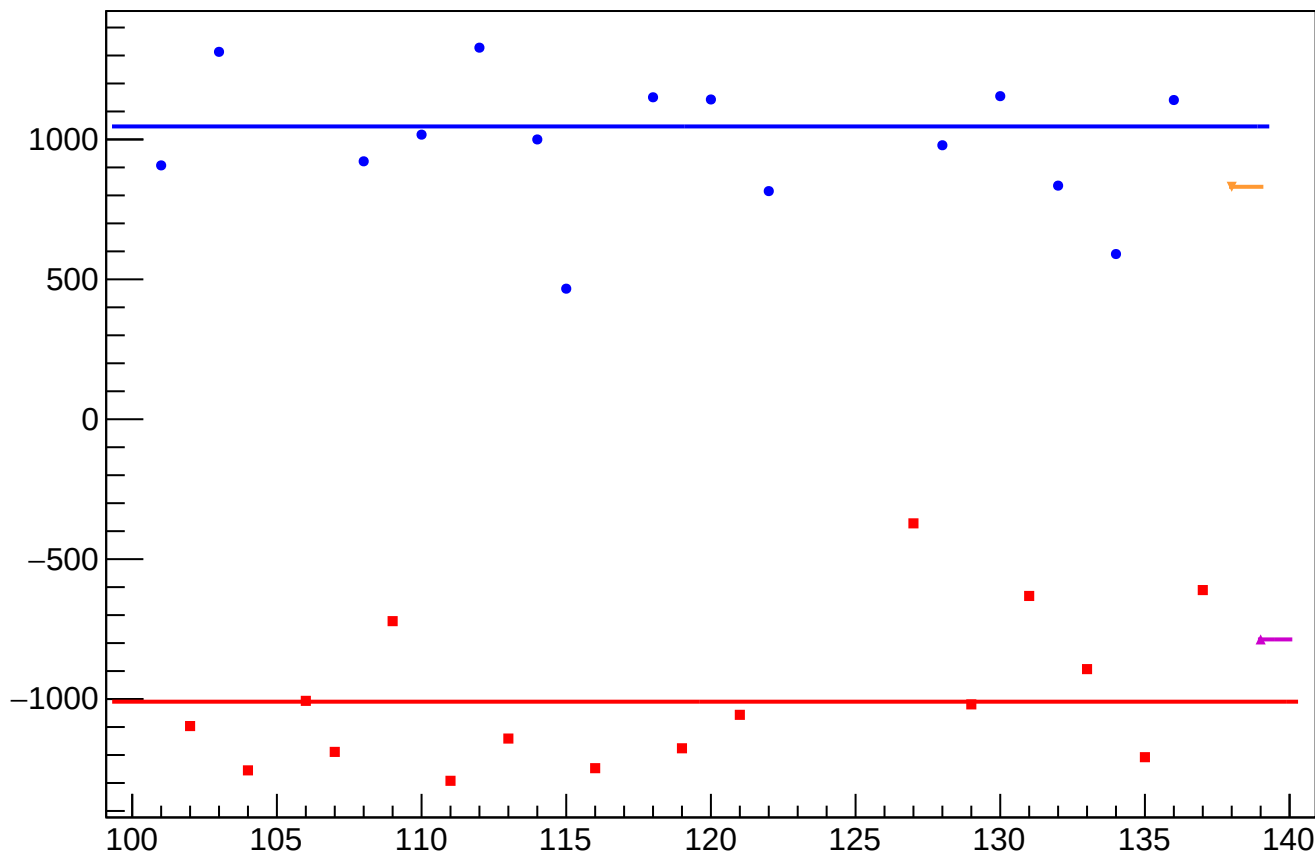
Right In: -210.261 ± 0.000 $\chi^2/\text{NDF}: 567711076568068409192467700494893056.0/14$
 Left Out: -142.161 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 196.736 ± 0.000 $\chi^2/\text{NDF}: 909588895093044840633640514790359040.0/15$
 Left In: 207.063 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.303 ± 0.000 $\chi^2/\text{NDF}: 61035049483868$

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



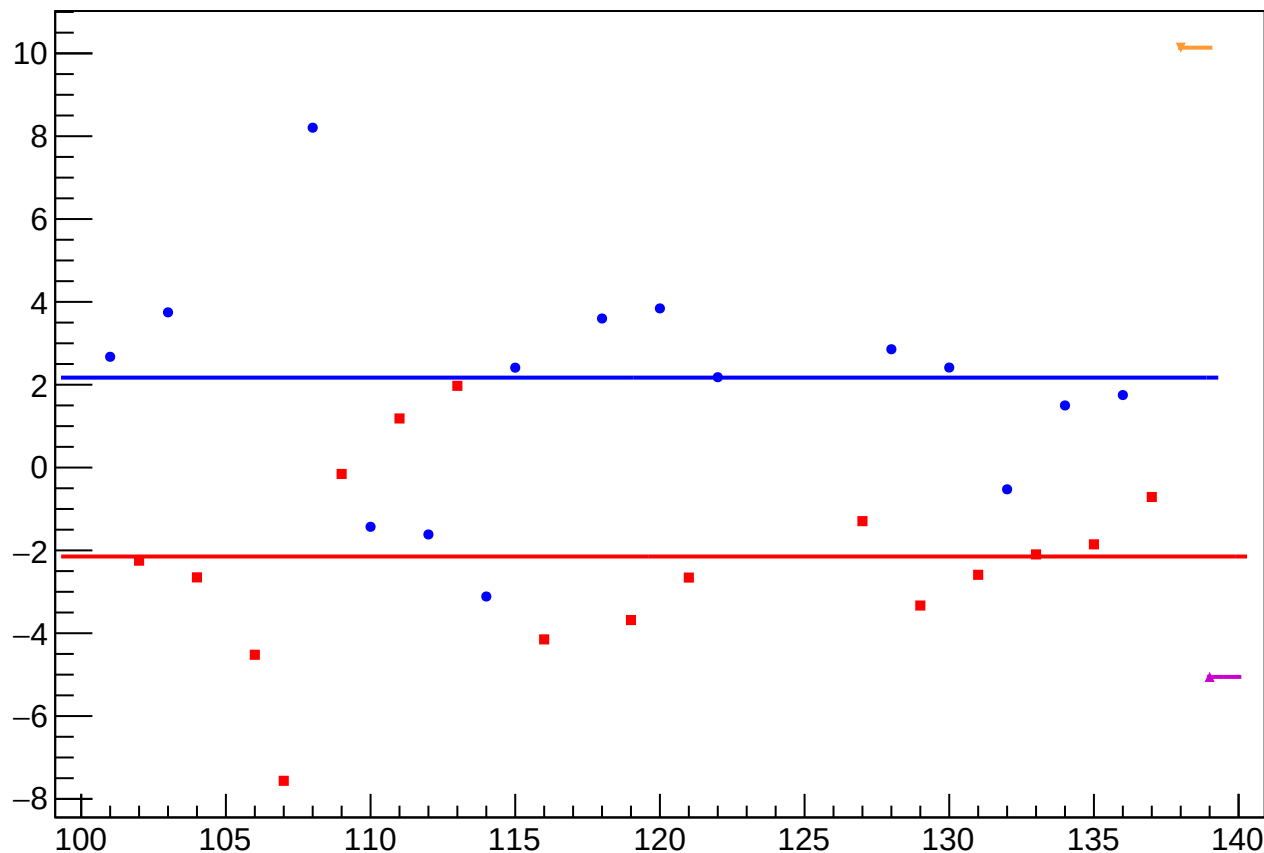
Right In: 6.842 +/- 0.000 χ^2/NDF : 9355934166823324467316647620771840.0/14
 Left Out: 6.633 +/- 0.000 χ^2/NDF : 0.0/0
 Right Out: -5.701 +/- 0.000 χ^2/NDF : 3174693398300953393137731791486976.0/15
 Left In: -13.590 +/- 0.000 χ^2/NDF : 0.0/0
 All: 0.037 +/- 0.000 χ^2/NDF : 82977031053396

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: -786.889+/-0.000 χ^2/NDF : 0.0/0
 All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 2.171+/-0.000

χ^2/NDF : 3599819246909975678410499691642880.0/14

Left Out: 10.138+/-0.000

χ^2/NDF : 0.0/0

Right Out: -2.148+/-0.000

χ^2/NDF : 3093887336239378959606321931878400.0/15

Left In: -5.055+/-0.000

χ^2/NDF : 0.0/0

Left: 2.398+/-0.000 χ^2/NDF : 917122827503706500

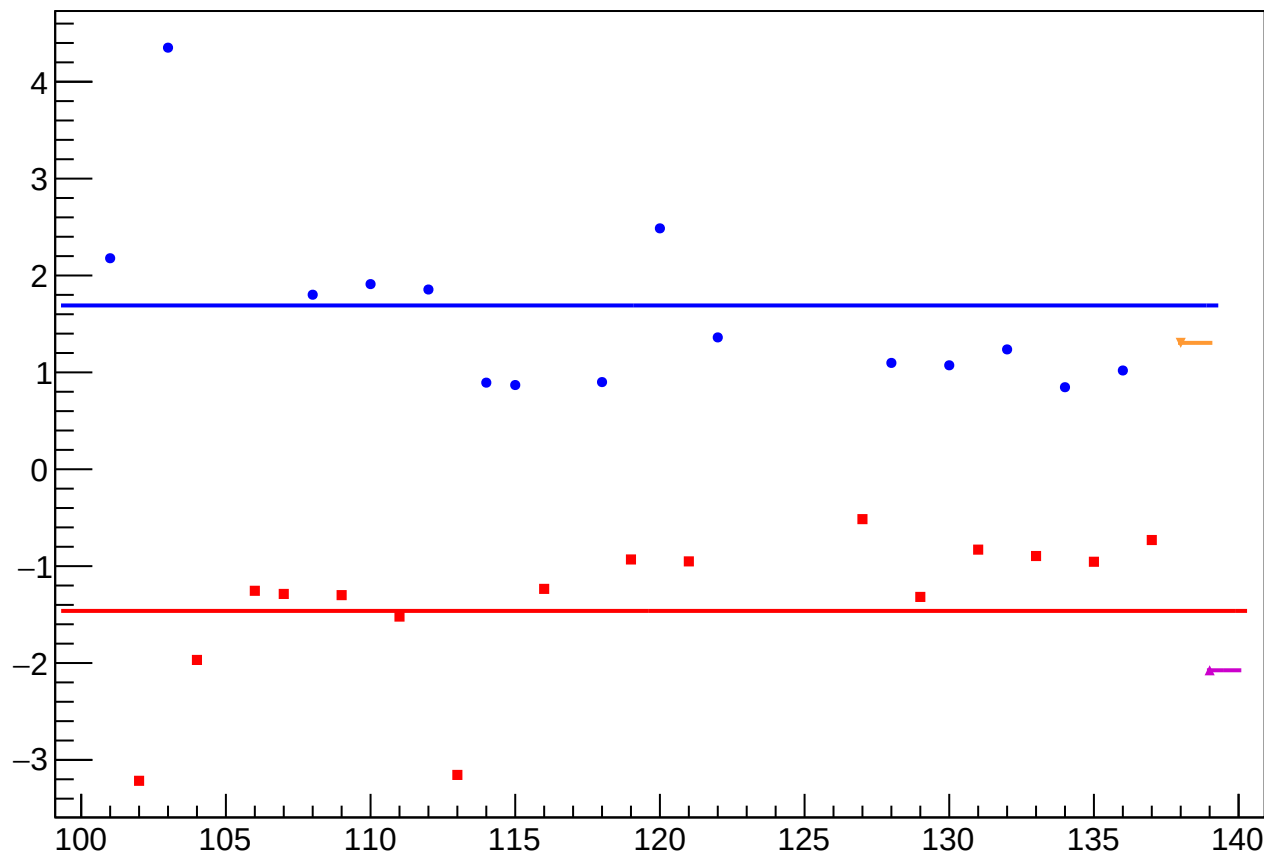
Right: -0.018+/-0.000 χ^2/NDF : 1282950255194488

In: 1.370+/-0.000 χ^2/NDF : 7359898646234146792

Out: -0.861+/-0.000 χ^2/NDF : 13633702182081355

All: 0.243+/-0.000 χ^2/NDF : 22828687351298

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.691+/-0.000

χ^2/NDF : 612163393317609859674079412355072.0/14

Left: -0.417+/-0.000 χ^2/NDF : 45383081709119530

Right: 0.093+/-0.000 χ^2/NDF : 43263312753970357

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: -2.075+/-0.000

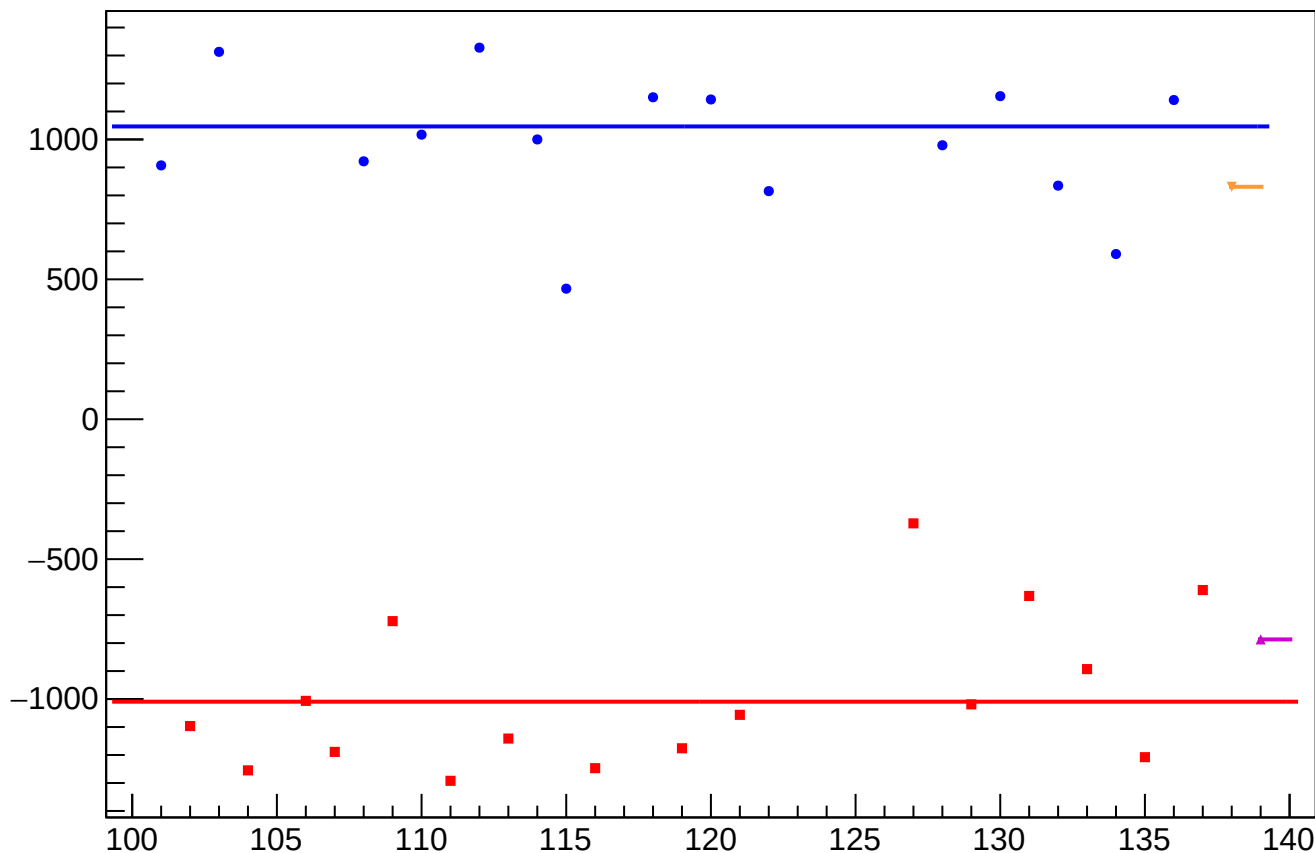
χ^2/NDF : 0.0/0

In: 1.273+/-0.000 χ^2/NDF : 1633304641344934493

Out: -1.172+/-0.000 χ^2/NDF : 97894275178225136

All: 0.038+/-0.000 χ^2/NDF : 48170285136140

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: -786.889+/-0.000

χ^2/NDF : 0.0/0

In: 843.060+/-0.000

χ^2/NDF : 26692008792909420

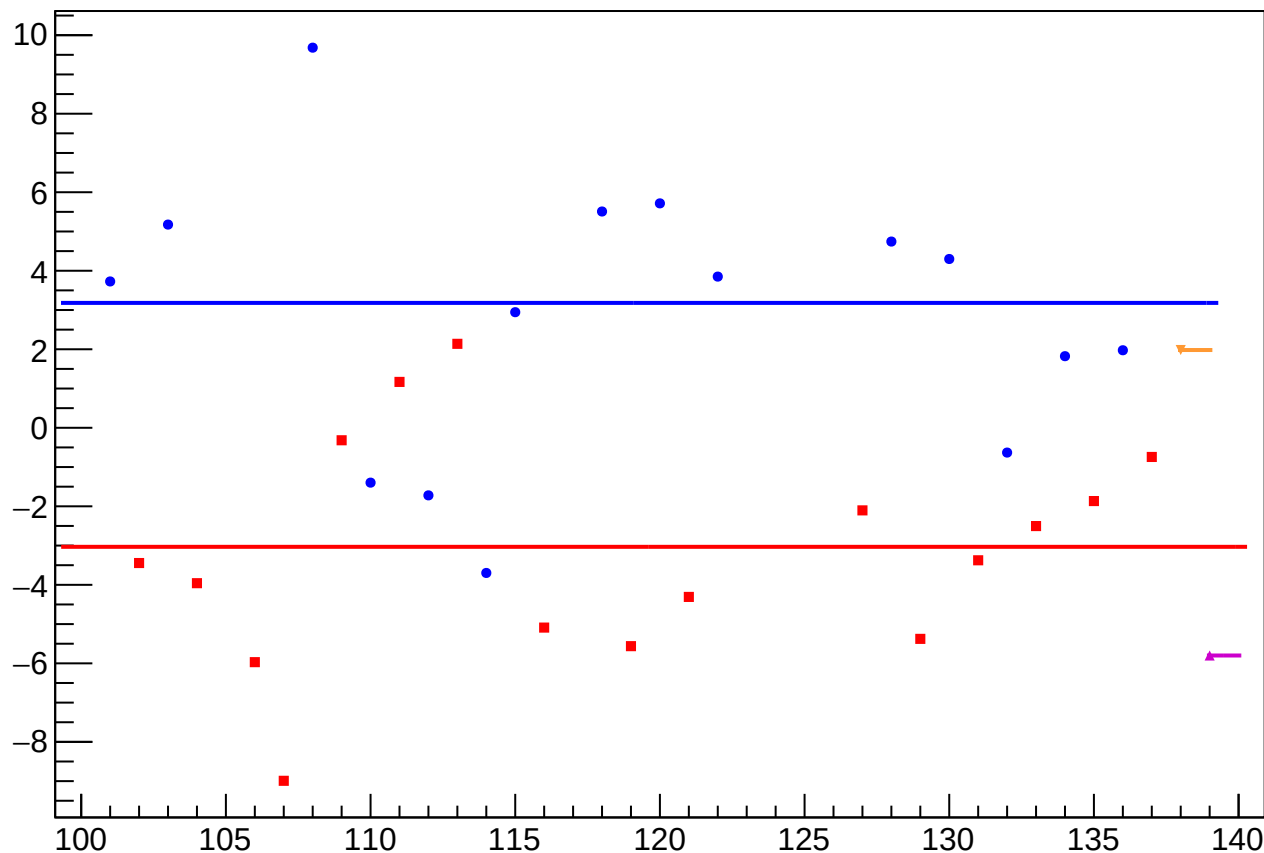
Out: -816.779+/-0.000

χ^2/NDF : 281086403539326

All: 4.701+/-0.000

χ^2/NDF : 15638315828125

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: -5.800+/-0.000

χ^2/NDF : 0.0/0

Left: -1.983+/-0.000 χ^2/NDF : 24057032424593954

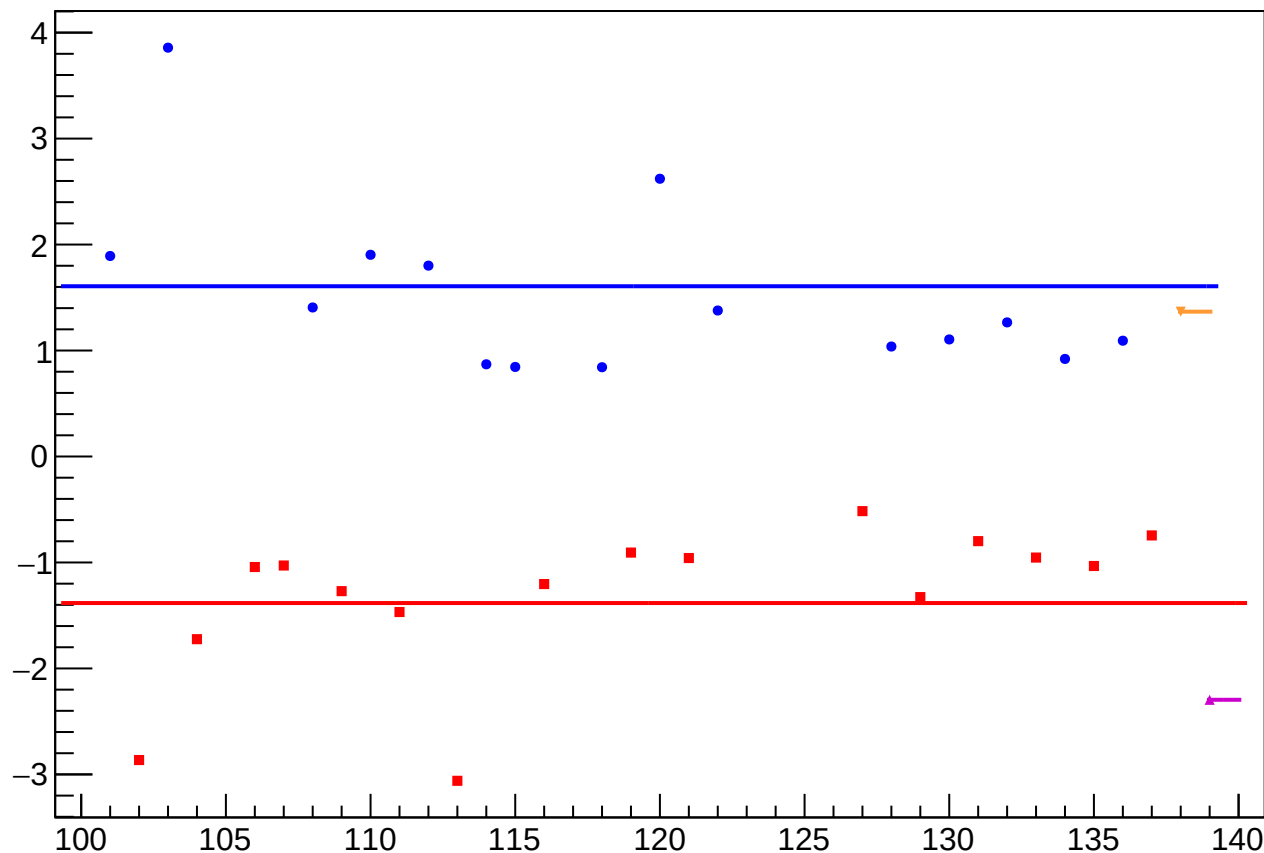
Right: 0.032+/-0.000 χ^2/NDF : 23467771565313990

In: 2.185+/-0.000 χ^2/NDF : 1164196330207200294

Out: -2.507+/-0.000 χ^2/NDF : 66918885046317009

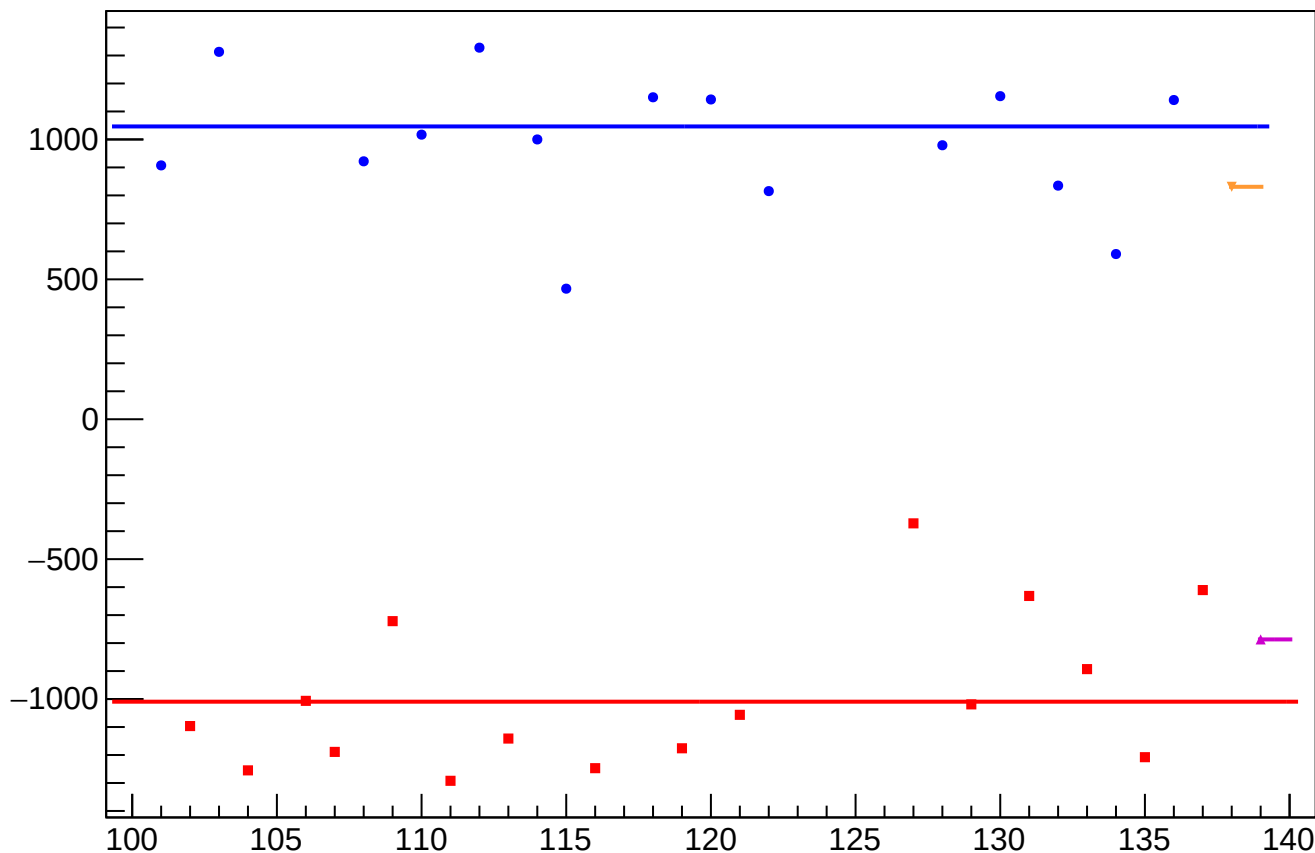
All: -0.185+/-0.000 χ^2/NDF : 2644957159111

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



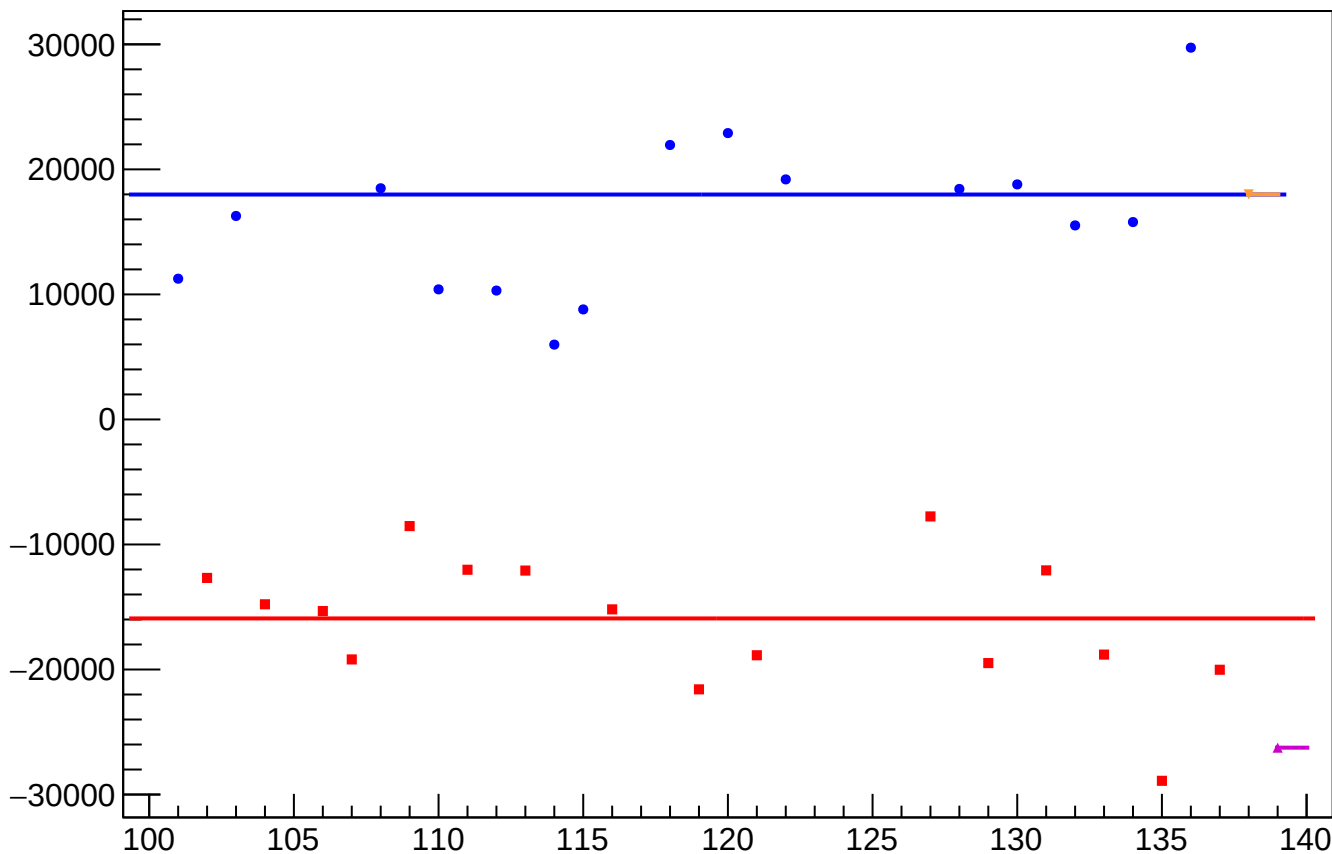
Right In: 1.607+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14
 Left Out: 1.367+/-0.000 χ^2/NDF :0.0/0
 Right Out: -1.383+/-0.000 χ^2/NDF : 358348897016286200957650337792000.0/15
 Left In: -2.296+/-0.000 χ^2/NDF :16.0/0
 In: 1.174+/-0.000 χ^2/NDF :1557612614344659714
 Out: -1.095+/-0.000 χ^2/NDF :88634053999485149
 All: 0.028+/-0.000 χ^2/NDF : 43415322410540

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: -786.889+/-0.000 χ^2/NDF : 0.0/0
 All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 17988.185+/-0.000

χ^2/NDF : 24815111809984217103544001237552952508416.0/14

Left Out: 18000.472+/-0.000

χ^2/NDF : 1032321404.5/0

Right Out: -15915.227+/-0.000

χ^2/NDF : 19954189674705952707042287416087223992320.0/15

Left In: -26251.741+/-0.000

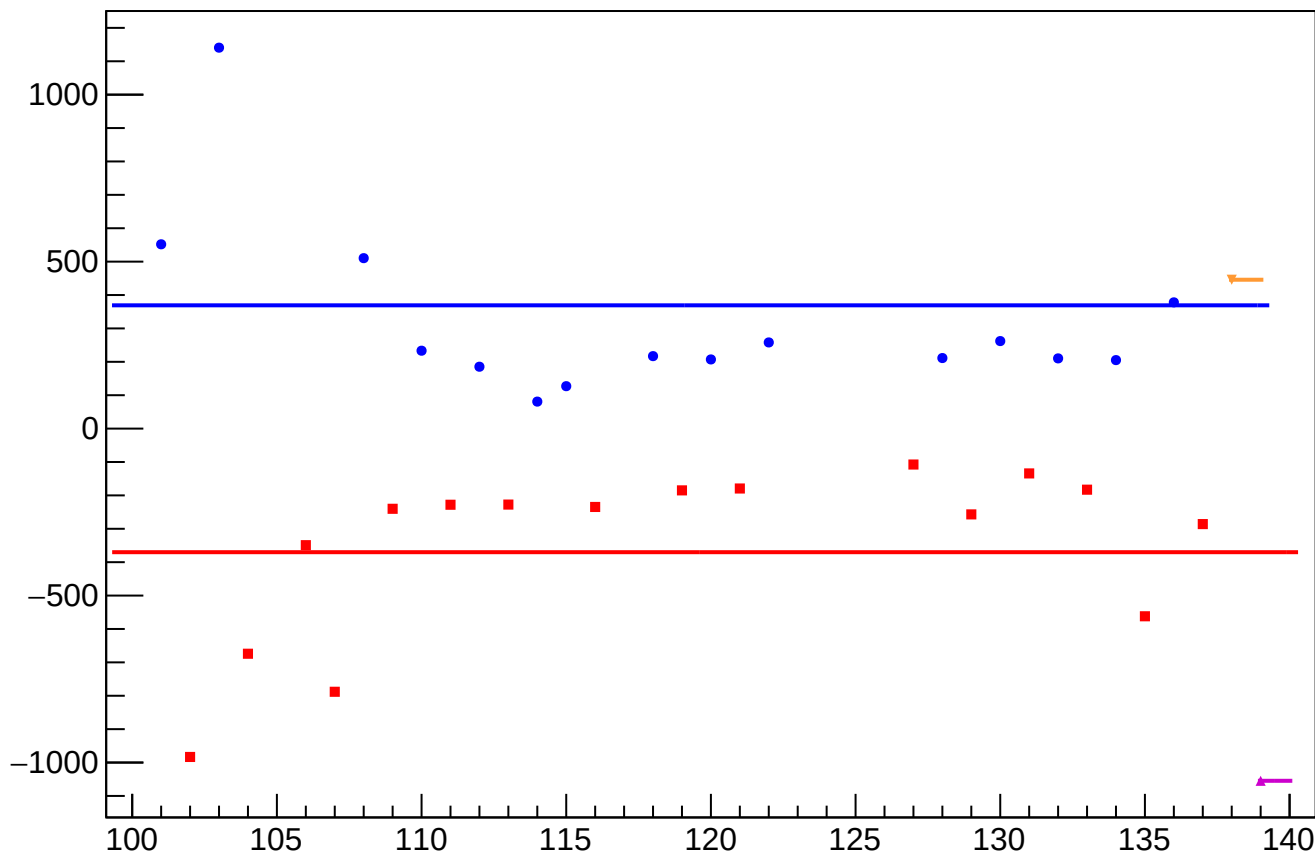
χ^2/NDF : 0.0/0

In: 13079.371+/-0.000 χ^2/NDF : 16575555396819

Out: -12364.322+/-0.000 χ^2/NDF : 1002819611272

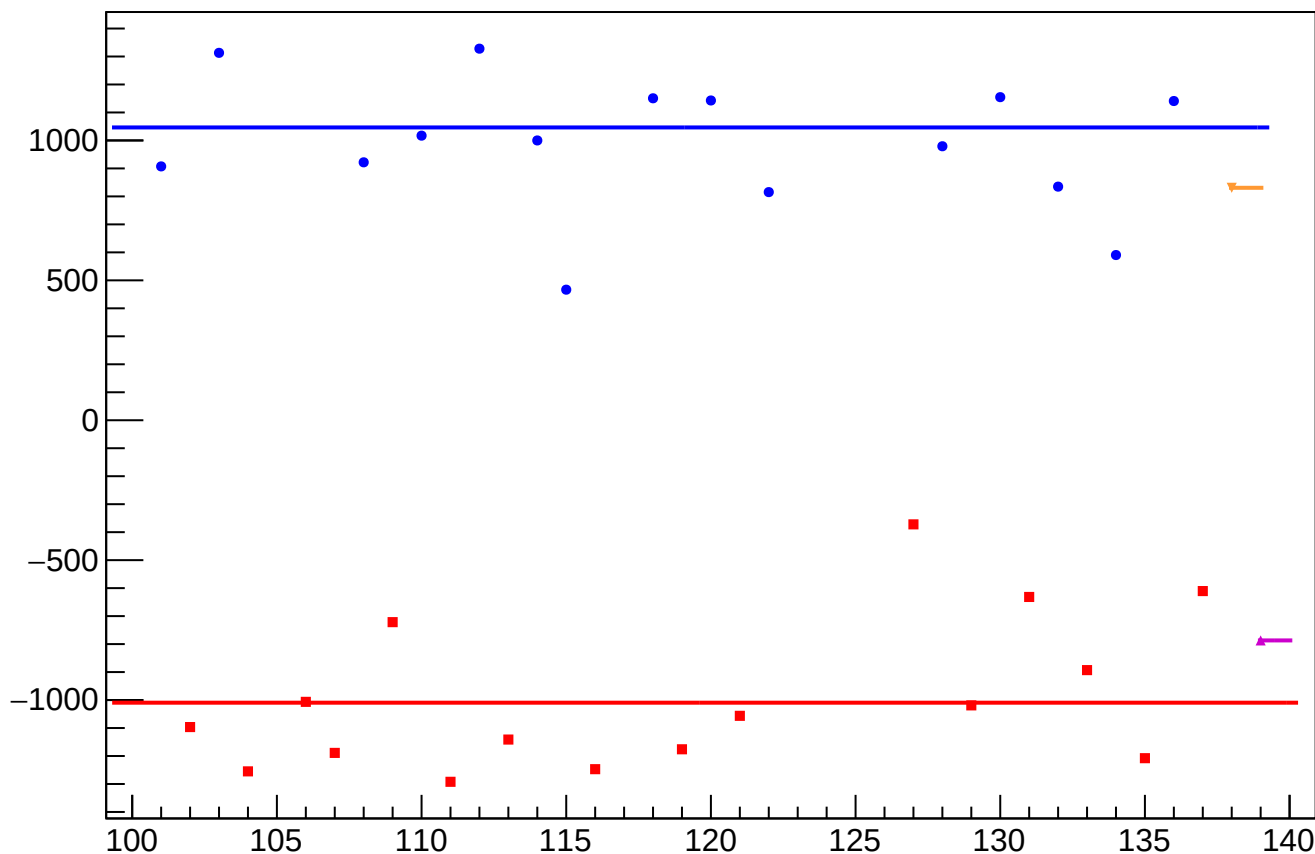
All: 228.150+/-0.000 χ^2/NDF : 50473475985

dit_usl_coil1_err_mean vs Slug, Sign Corrected



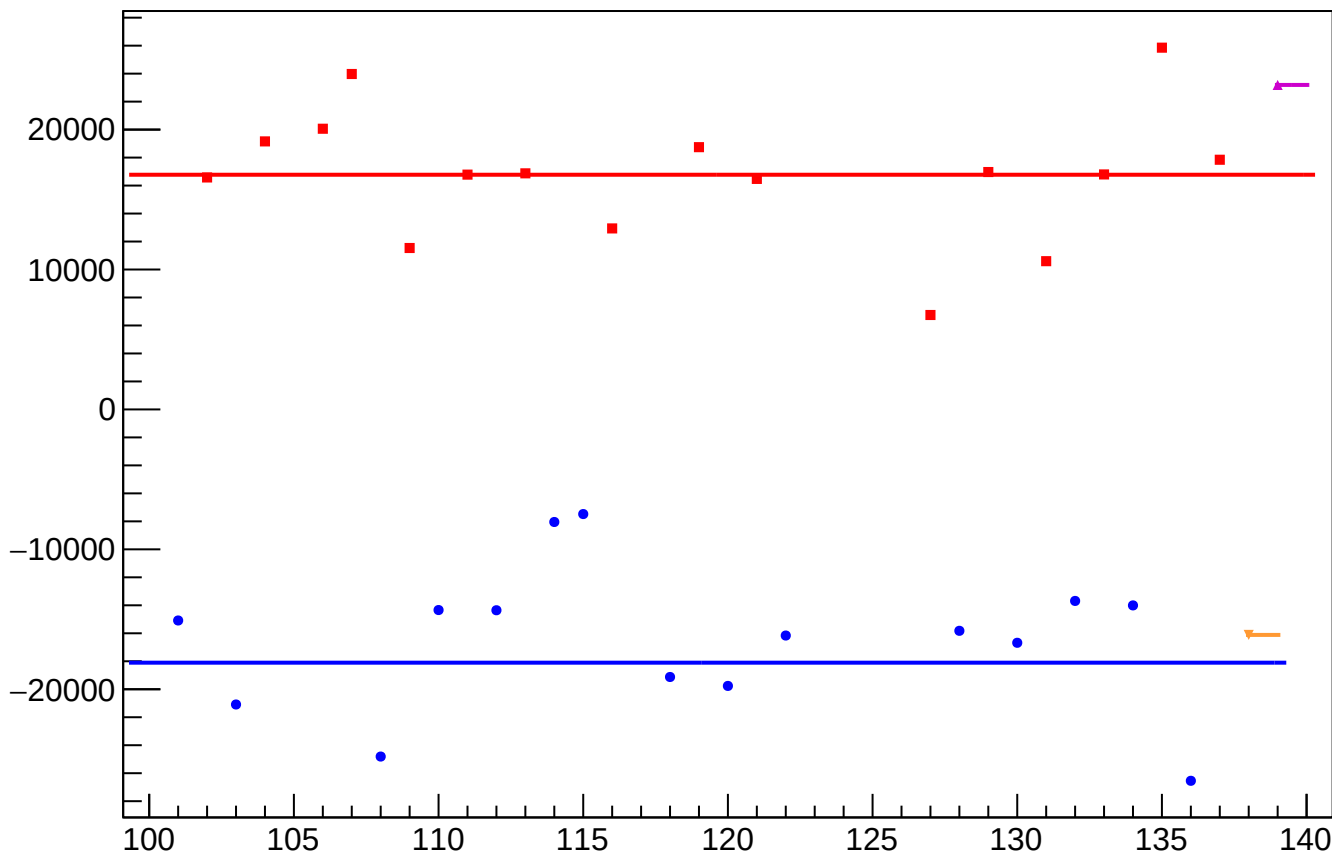
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14
 Left Out: 445.805+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15
 Left In: -1054.666+/-0.000 χ^2/NDF : 4187601.9/0
 All: -39.265+/-0.000 χ^2/NDF : 379399822763

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: -786.889+/-0.000 χ^2/NDF : 0.0/0
 In: 843.060+/-0.000 χ^2/NDF : 26692008792909420
 Out: -816.779+/-0.000 χ^2/NDF : 281086403539326
 All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: -18100.637+/-0.000

Left Out: -16116.428+/-0.000

Right Out: 16773.604+/-0.000

Left In: 23192.279+/-0.000

χ^2/NDF : 14634967546173586967632040765428699496448.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 14234547931135812277474342886568366178304.0/15

χ^2/NDF : 0.0/0

Left: 3908.762+/-0.000 χ^2/NDF : 613988208726420

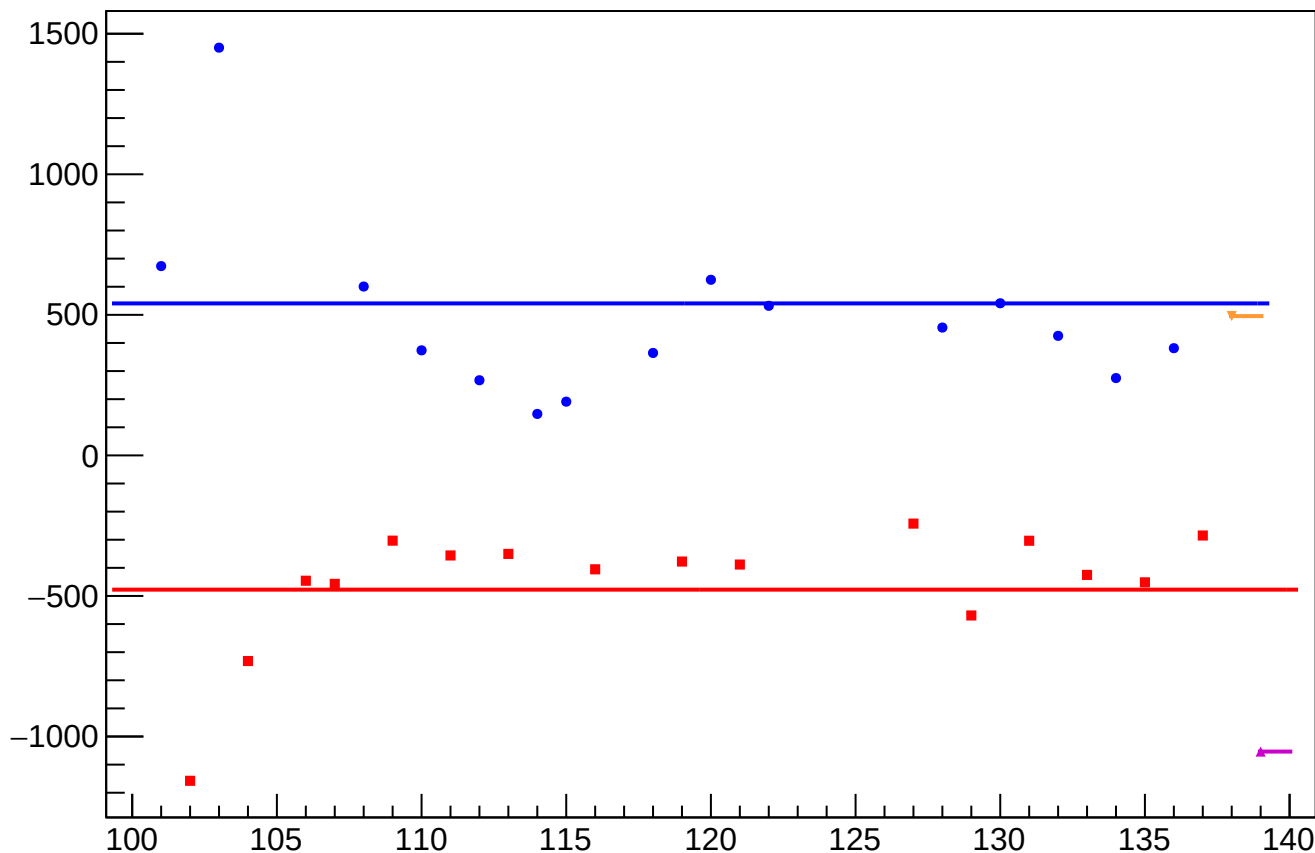
Right: -425.015+/-0.000 χ^2/NDF : 42892863582613

In: -13518.820+/-0.000 χ^2/NDF : 13742354651776

Out: 13330.084+/-0.000 χ^2/NDF : 89777293627421

All: 42.152+/-0.000 χ^2/NDF : 4929918245123

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: -1053.597+/-0.000

χ^2/NDF : 4187601.9/0

Left: -293.638+/-0.000 χ^2/NDF : 953603888223708

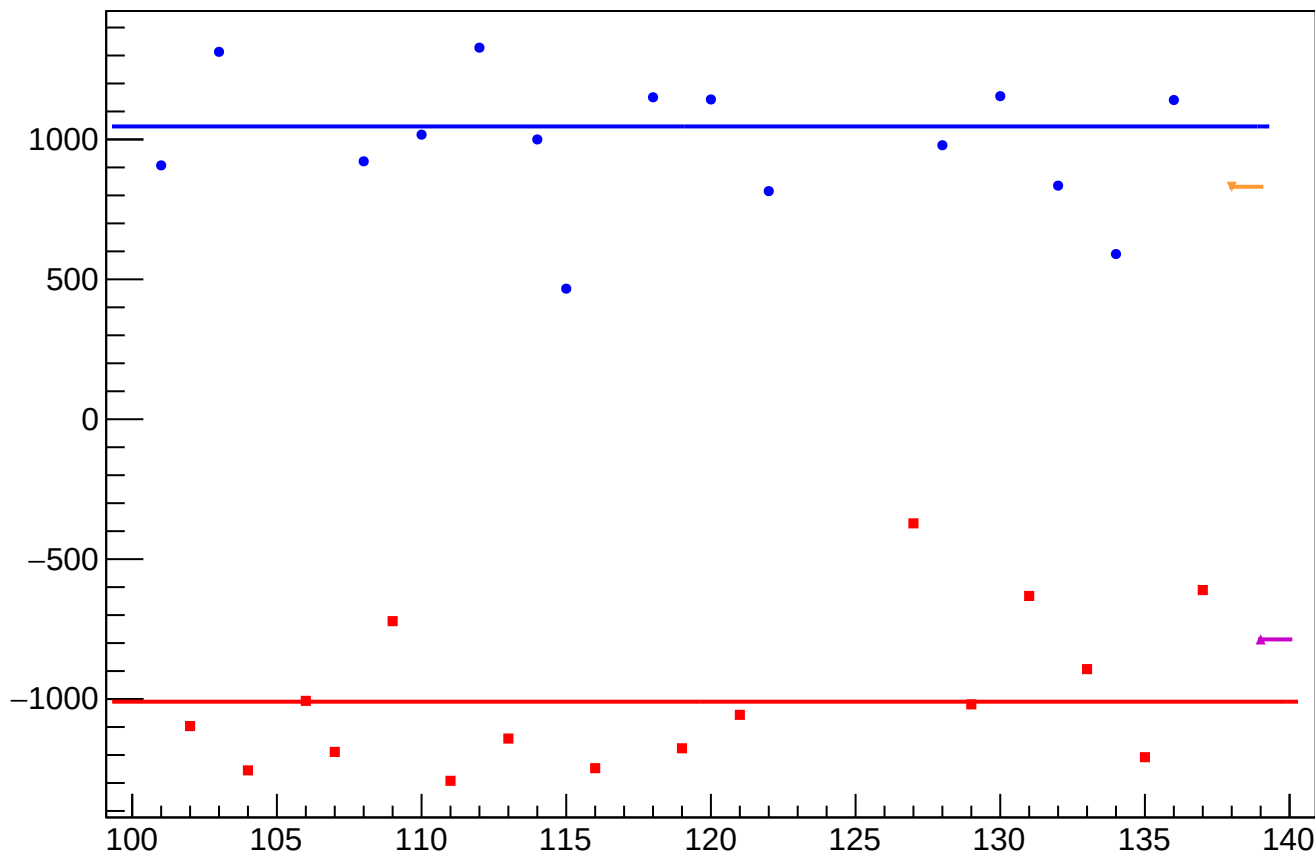
Right: 24.595+/-0.000 χ^2/NDF : 4443717563002768

In: 363.765+/-0.000 χ^2/NDF : 2475779608826002

Out: -375.665+/-0.000 χ^2/NDF : 104924876903152

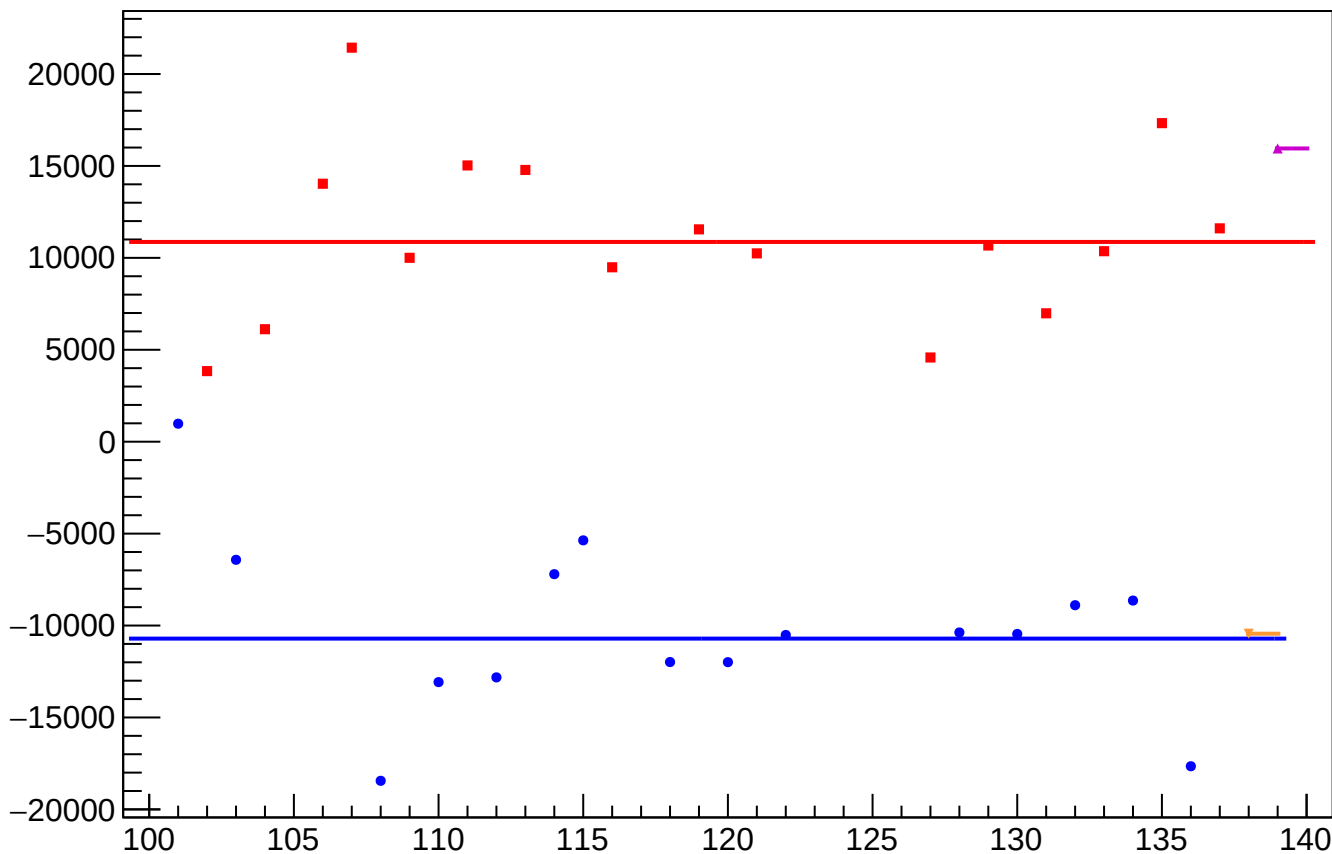
All: -9.710+/-0.000 χ^2/NDF : 5540986374606

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: -786.889+/-0.000 χ^2/NDF : 0.0/0
 In: 843.060+/-0.000 χ^2/NDF : 26692008792909420
 Out: -816.779+/-0.000 χ^2/NDF : 281086403539326
 All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292+/-0.000

Left Out: -10443.742+/-0.000

Right Out: 10866.264+/-0.000

Left In: 15950.843+/-0.000

χ^2/NDF : 16945226152053511840482618402250170564608.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 14234762838858382484525901644131626647552.0/15

χ^2/NDF : 0.0/0

Left: 3002.556+/-0.000 χ^2/NDF : 276829387684360

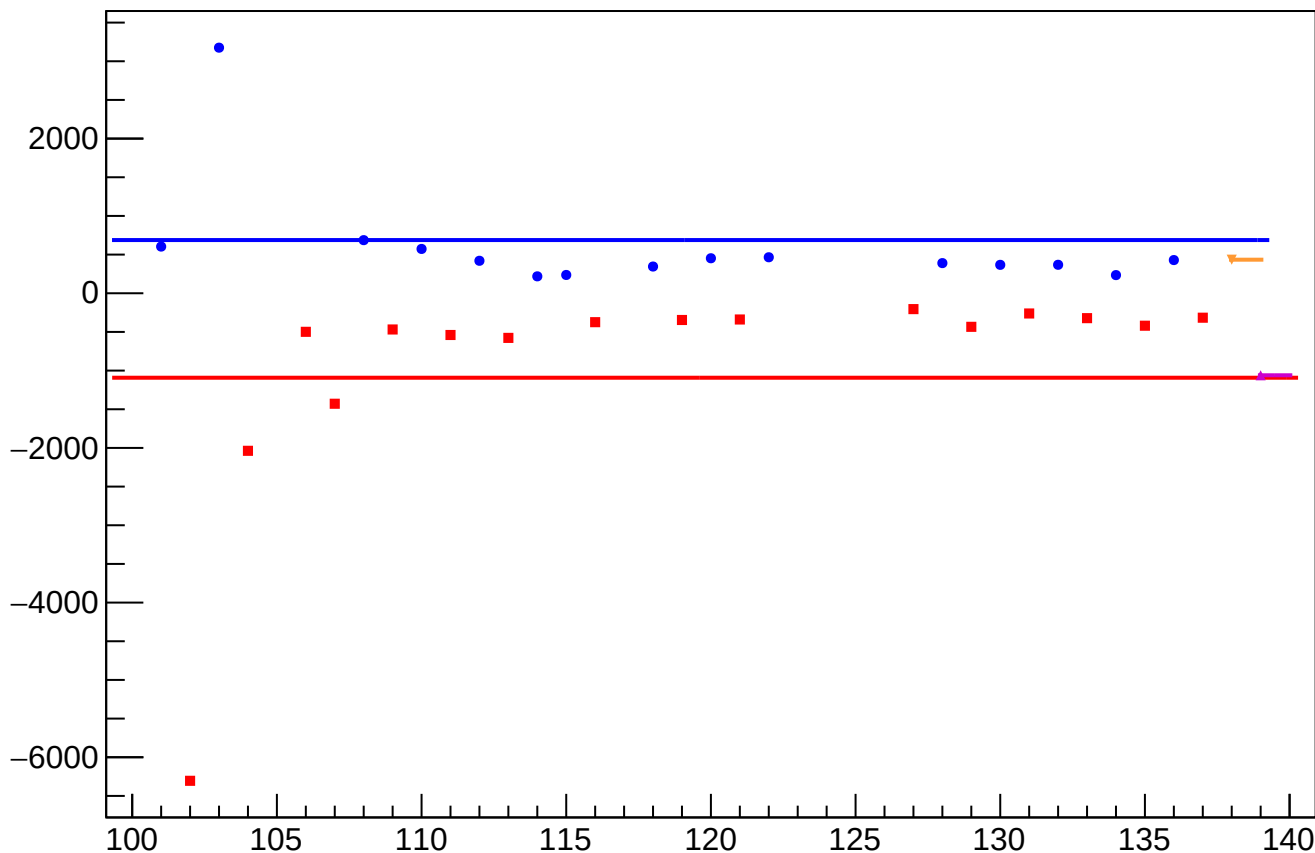
Right: 225.546+/-0.000 χ^2/NDF : 184316555733630

In: -7752.002+/-0.000 χ^2/NDF : 681327529957777

Out: 8635.149+/-0.000 χ^2/NDF : 459473239600815

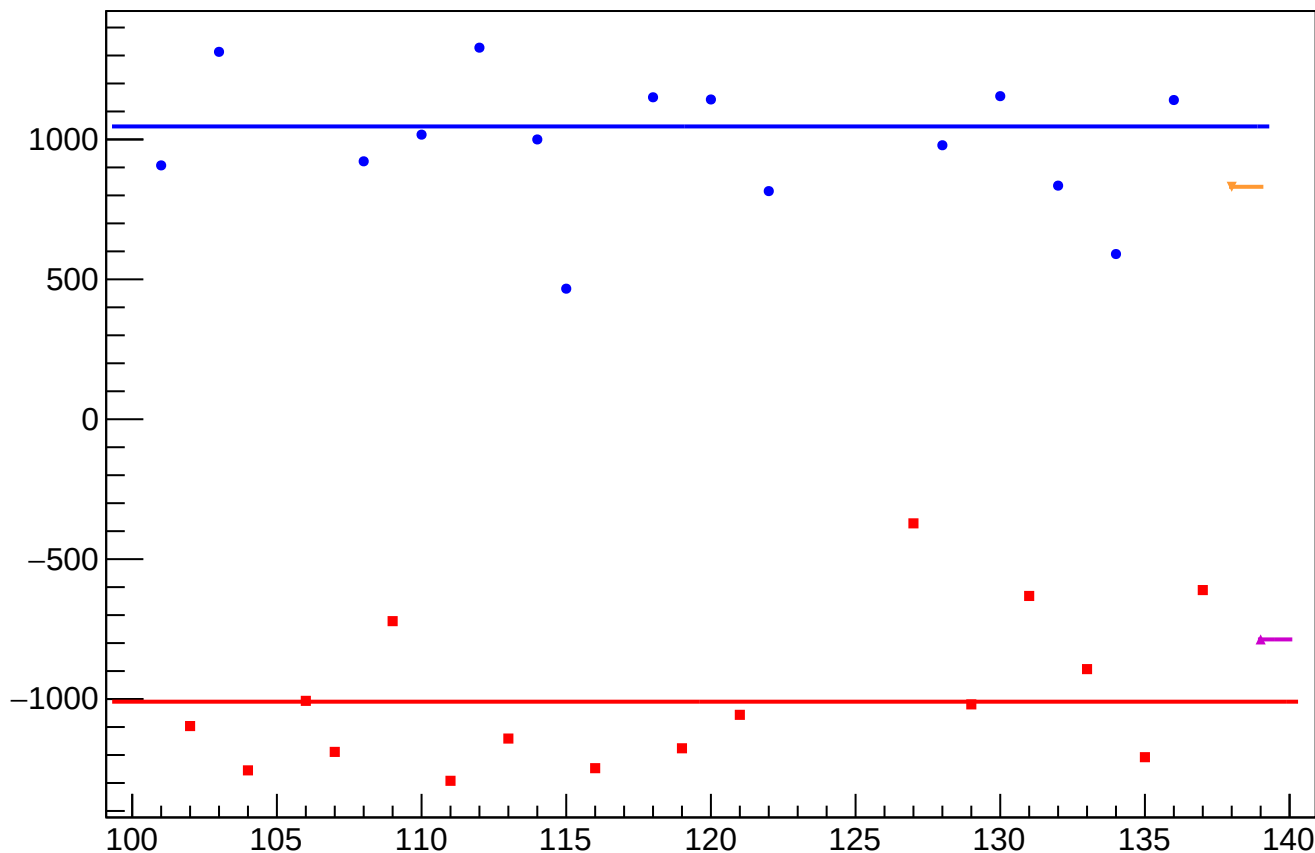
All: 524.898+/-0.000 χ^2/NDF : 213093491053

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 434.084+/-0.000 χ^2/NDF : 252031.6/0
 Right Out: -1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: -1060.619+/-0.000 χ^2/NDF : 0.0/0
 All: -226.522+/-0.000 χ^2/NDF : 34255299669

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: -786.889+/-0.000

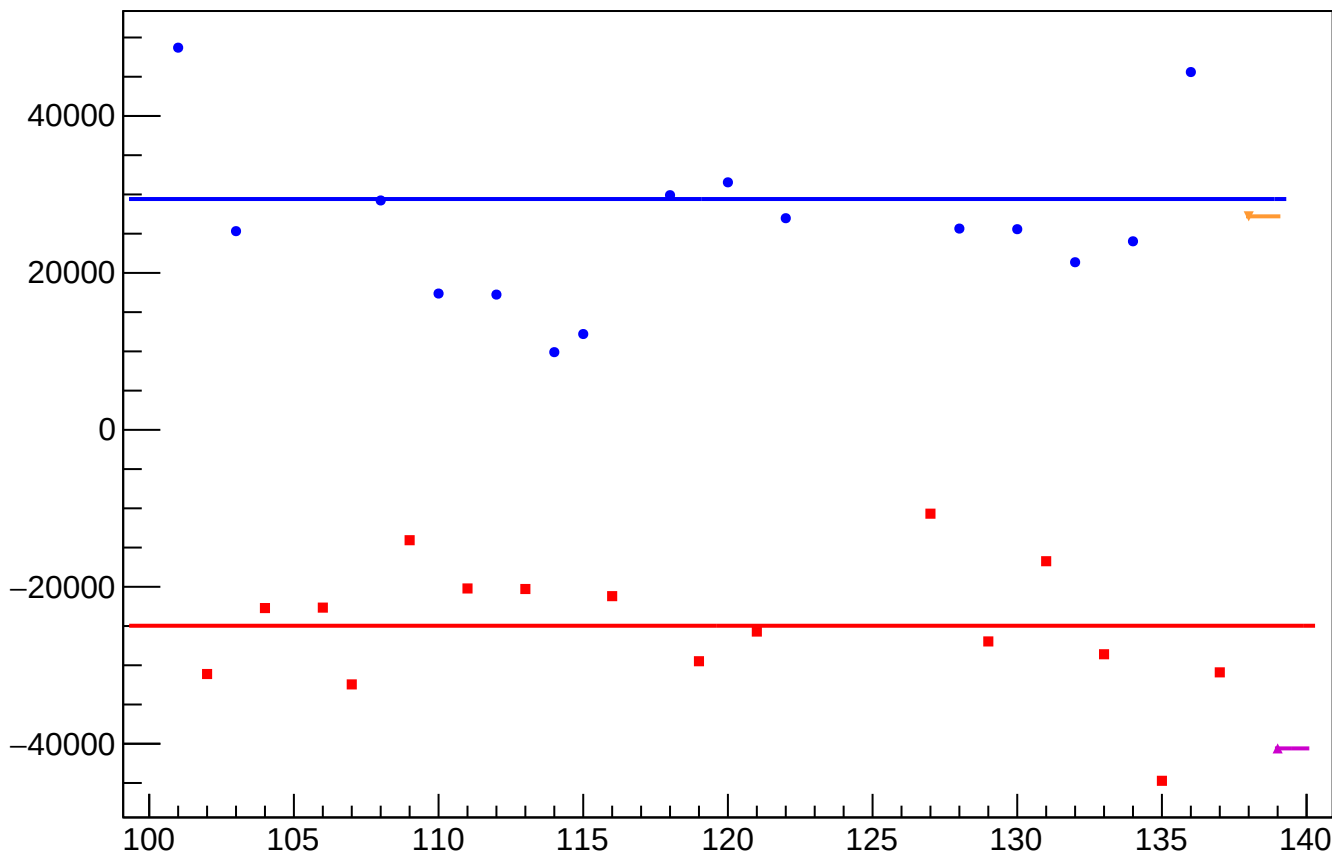
χ^2/NDF : 0.0/0

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -816.779+/-0.000 χ^2/NDF : 281086403539326

All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 29415.830+/-0.000

χ^2/NDF : 71764989638928082906774979753894809174016.0/14

Left Out: 27209.193+/-0.000

χ^2/NDF : 1032321404.5/0

Right Out: -24963.010+/-0.000

χ^2/NDF : 45631572920122171972835961685494315614208.0/15

Left In: -40593.719+/-0.000

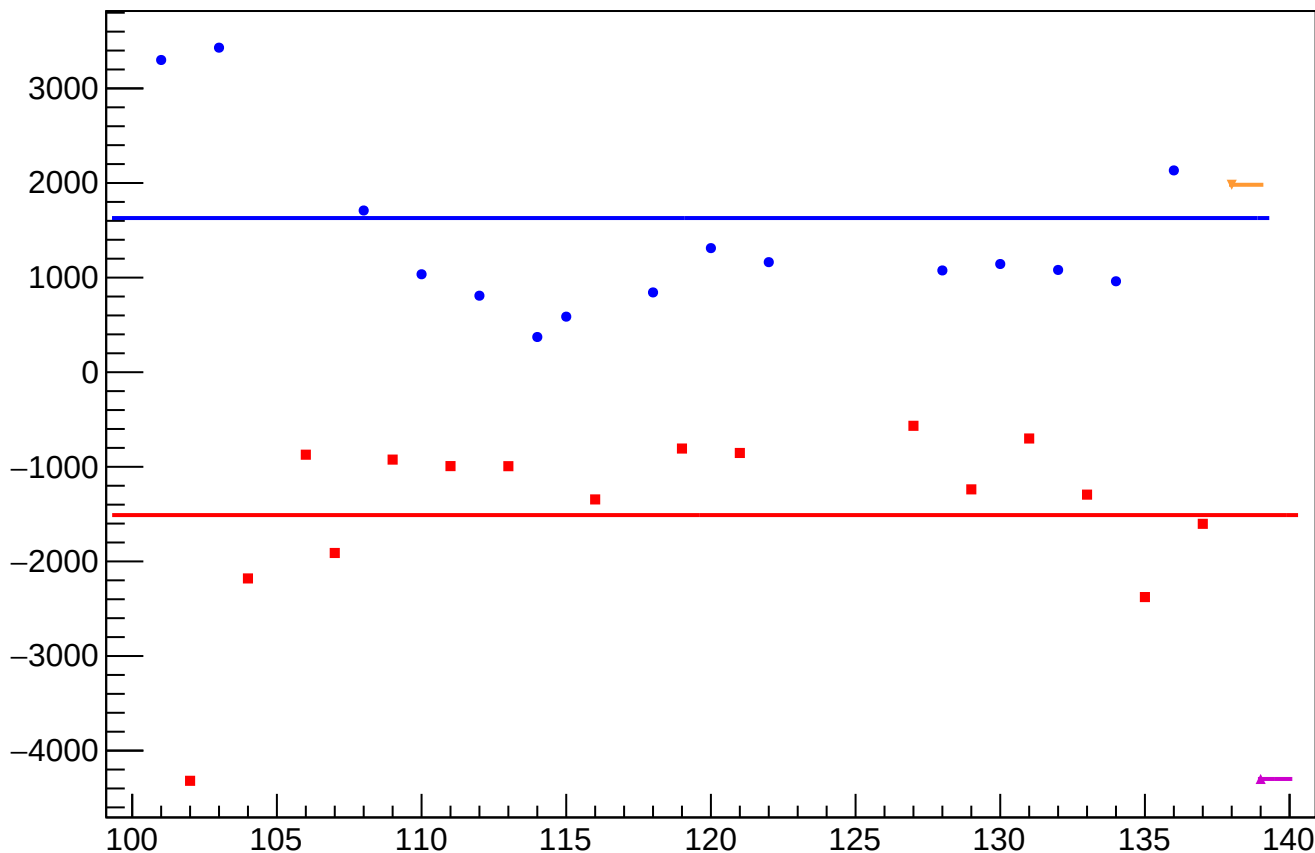
χ^2/NDF : 0.0/0

In: 21647.647+/-0.000 χ^2/NDF : 424721672929829

Out: -19500.685+/-0.000 χ^2/NDF : 2357142424048

All: 864.252+/-0.000 χ^2/NDF : 128473340630

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: -4299.604+/-0.000

χ^2/NDF : 0.0/0

In: 971.650+/-0.000

χ^2/NDF : 30833154103553907

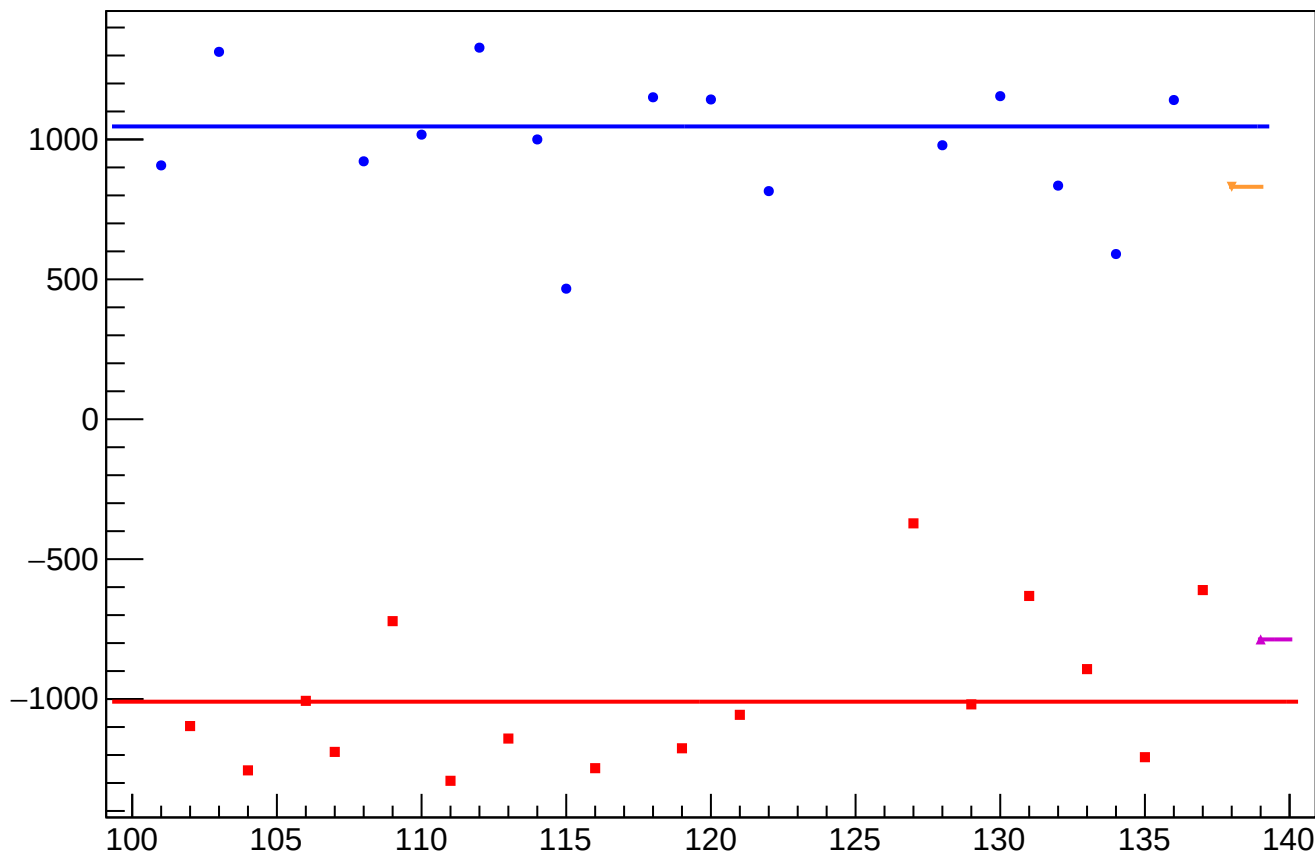
Out: -1144.732+/-0.000

χ^2/NDF : 15395783099273

All: -97.302+/-0.000

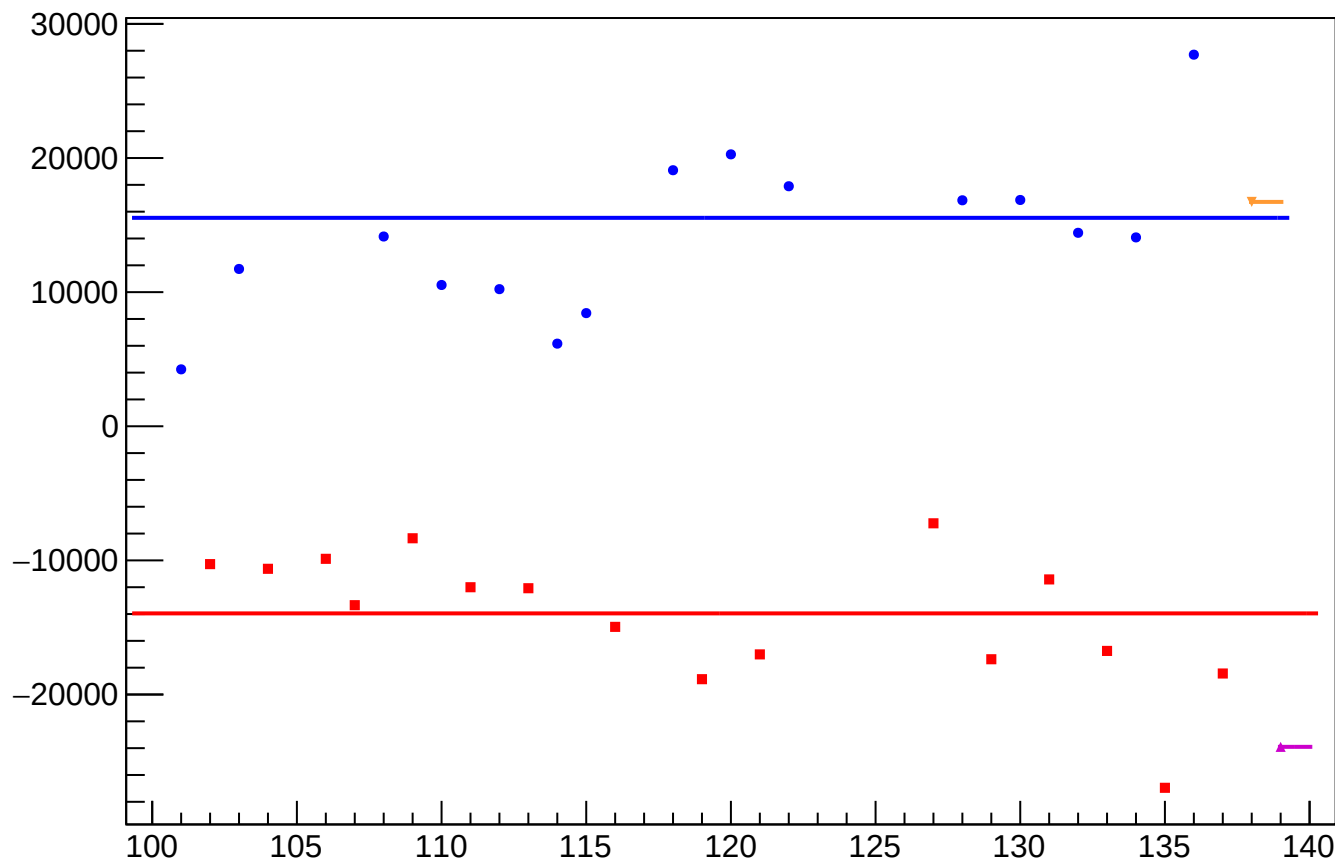
χ^2/NDF : 627438244449

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: -786.889+/-0.000 χ^2/NDF : 0.0/0
 All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787+/-0.000

χ^2/NDF : 27383635886523601832377795383509714468864.0/14

Left Out: 16728.371+/-0.000

χ^2/NDF : 1032321404.5/0

Right Out: -13951.799+/-0.000

χ^2/NDF : 16954071035739584664612813430748100952064.0/15

Left In: -23902.112+/-0.000

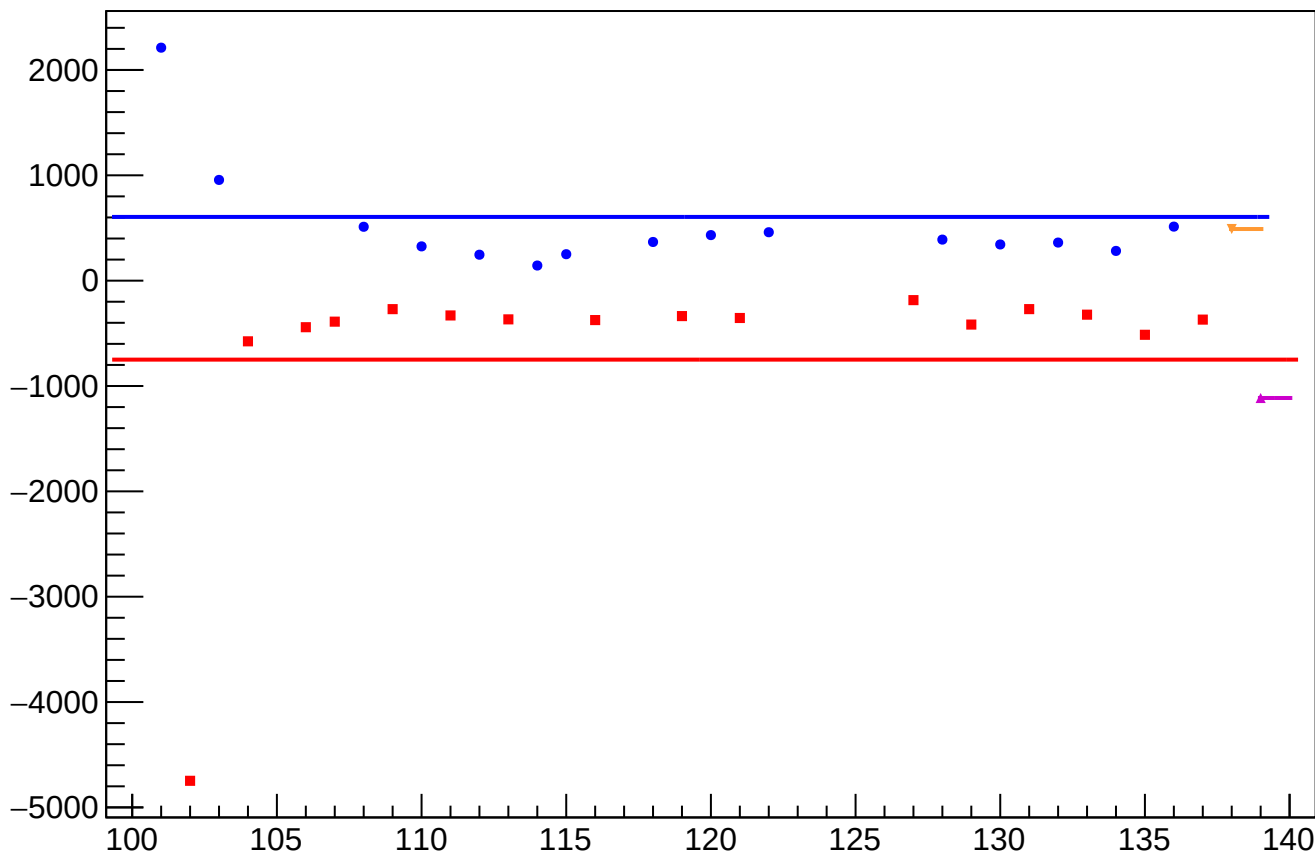
χ^2/NDF : 0.0/0

In: 11164.246+/-0.000 χ^2/NDF : 139416257654225

Out: -10739.647+/-0.000 χ^2/NDF : 8268650077418

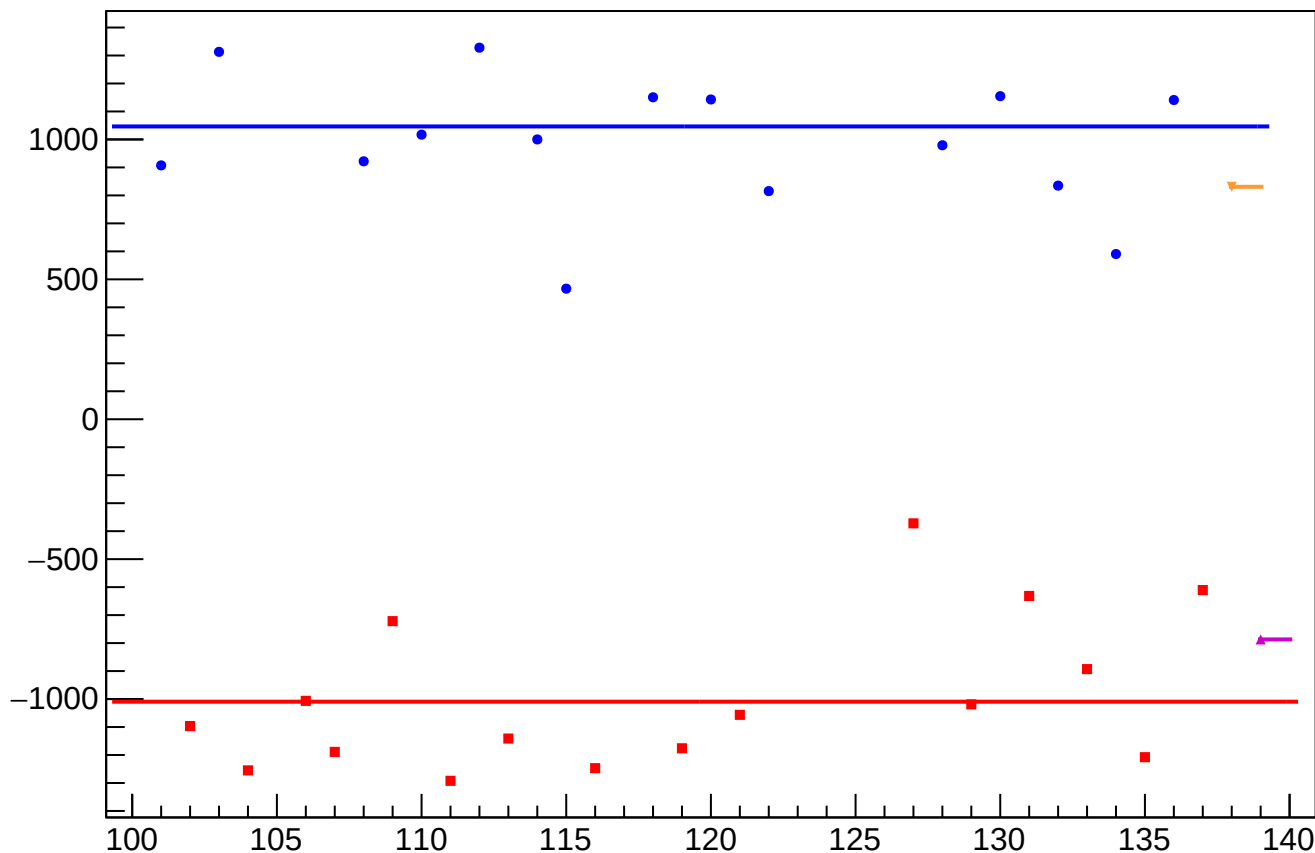
All: 100.924+/-0.000 χ^2/NDF : 39900352986

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14
 Left: -326.887+/-0.000 χ^2/NDF : 102232713494215
 Left Out: 490.244+/-0.000 χ^2/NDF : 252031.6/0
 Right: -81.538+/-0.000 χ^2/NDF : 181435748538570
 In: 414.319+/-0.000 χ^2/NDF : 40214249603164373
 Right Out: -749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15
 Out: -619.775+/-0.000 χ^2/NDF : 112870479404739
 Left In: -1113.753+/-0.000 χ^2/NDF : 0.0/0
 All: -107.986+/-0.000 χ^2/NDF : 19251296000

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left: 6.679+/-0.000 χ^2/NDF : 103981476795355592

Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

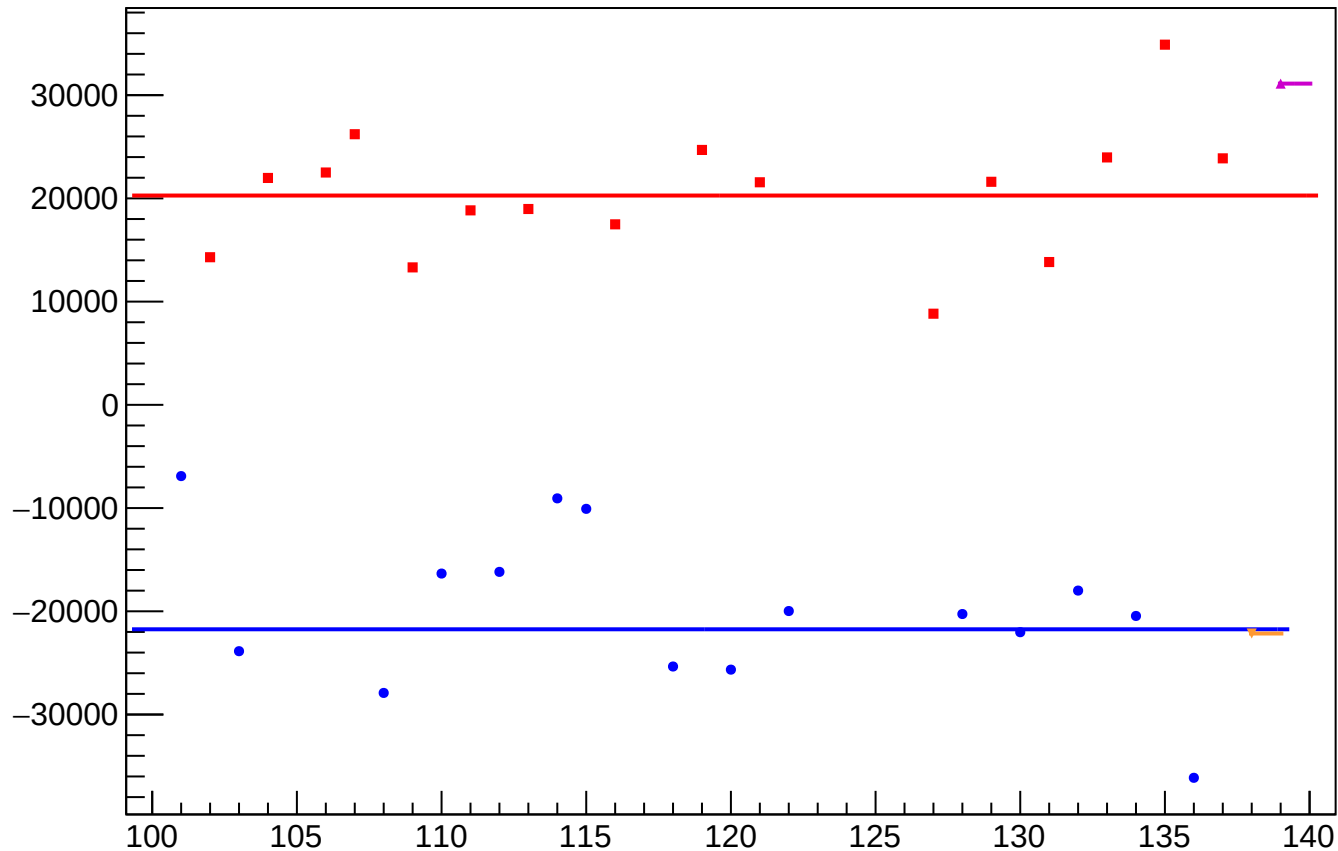
In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -816.779+/-0.000 χ^2/NDF : 281086403539326

Left In: -786.889+/-0.000 χ^2/NDF : 0.0/0

All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: -21743.360+/-0.000

Left Out: -22151.984+/-0.000

Right Out: 20275.415+/-0.000

Left In: 31117.594+/-0.000

χ^2/NDF : 41106858823579527325198675675398793068544.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 25935869132092920231681532417627320745984.0/15

χ^2/NDF : 0.0/0

Left: 4985.348+/-0.000 χ^2/NDF : 112756350828017

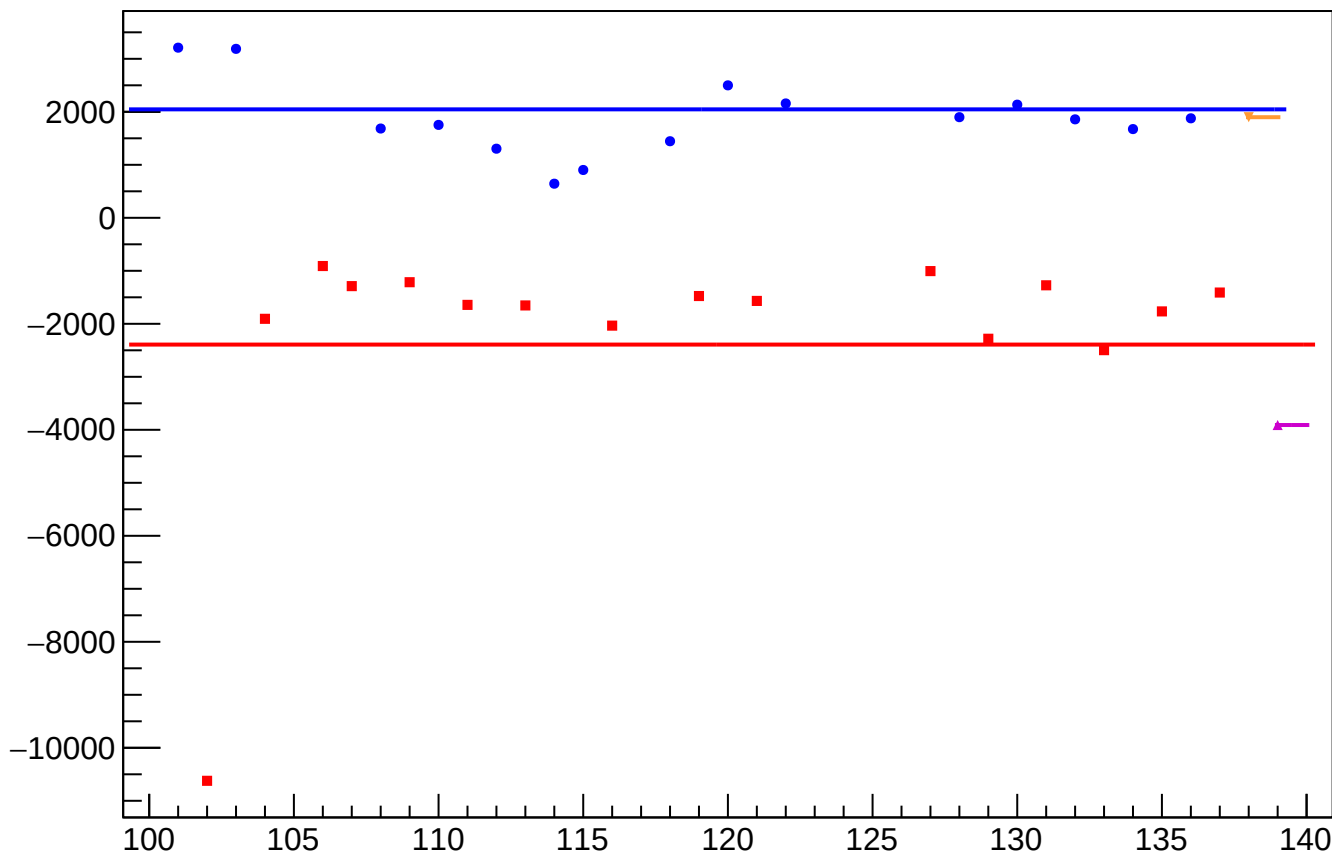
Right: -446.610+/-0.000 χ^2/NDF : 64780902874572

In: -15877.966+/-0.000 χ^2/NDF : 24232950146395

Out: 15833.352+/-0.000 χ^2/NDF : 15164214988686

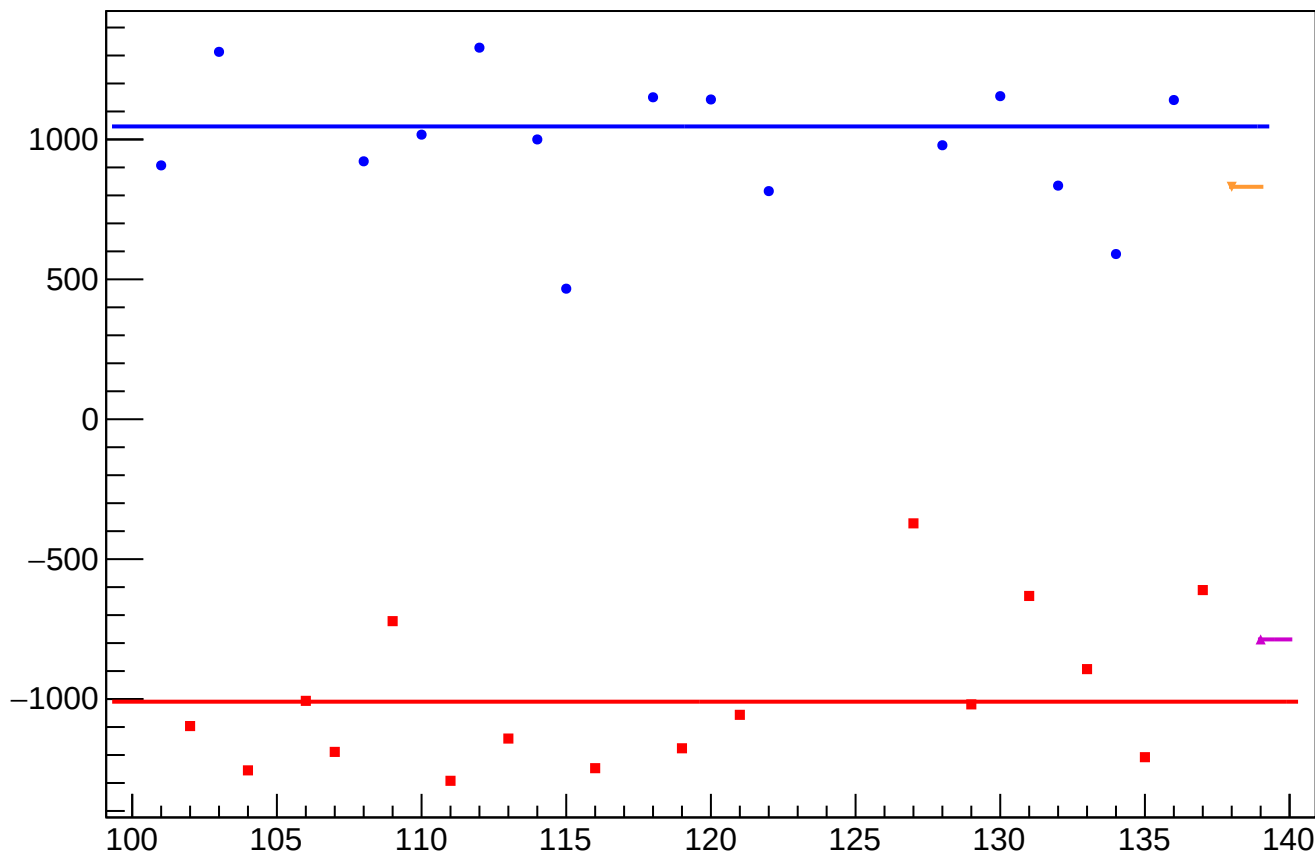
All: 138.937+/-0.000 χ^2/NDF : 764751134997

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



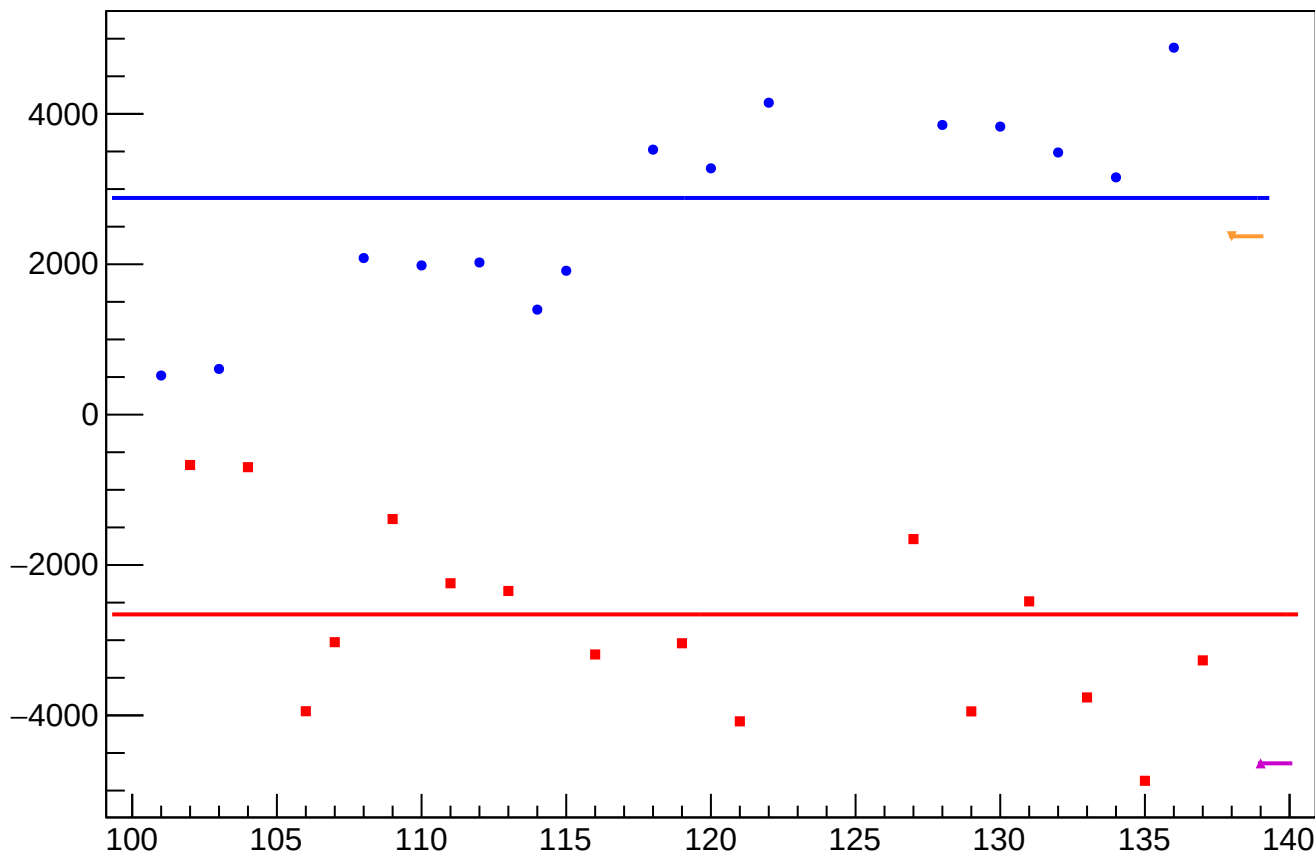
Right In: 2046.354+/-0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 1898.328+/-0.000 χ^2/NDF : 4032505.5/0
 Right Out: -2391.939+/-0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: -3909.627+/-0.000 χ^2/NDF : 0.0/0
 In: 1385.485+/-0.000 χ^2/NDF : 2821099567219042
 Out: -1942.757+/-0.000 χ^2/NDF : 57006788181070
 All: -295.559+/-0.000 χ^2/NDF : 12606070513

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$
 Left Out: 830.769+/-0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -1009.445+/-0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$
 Left In: -786.889+/-0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 4.701+/-0.000 $\chi^2/\text{NDF}: 15638315828125$

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2881.935+/-0.000

χ^2/NDF : 1320319391496525533692082365878834823168.0/14

Left: -1199.176+/-0.000 χ^2/NDF : 19525903264620

Right: 74.629+/-0.000 χ^2/NDF : 1248948533864623

Left Out: 2371.926+/-0.000

χ^2/NDF : 0.0/0

Right Out: -2656.918+/-0.000

χ^2/NDF : 1077696846216053561130716877125509447680.0/15

In: 2047.530+/-0.000 χ^2/NDF : 5392590848779233

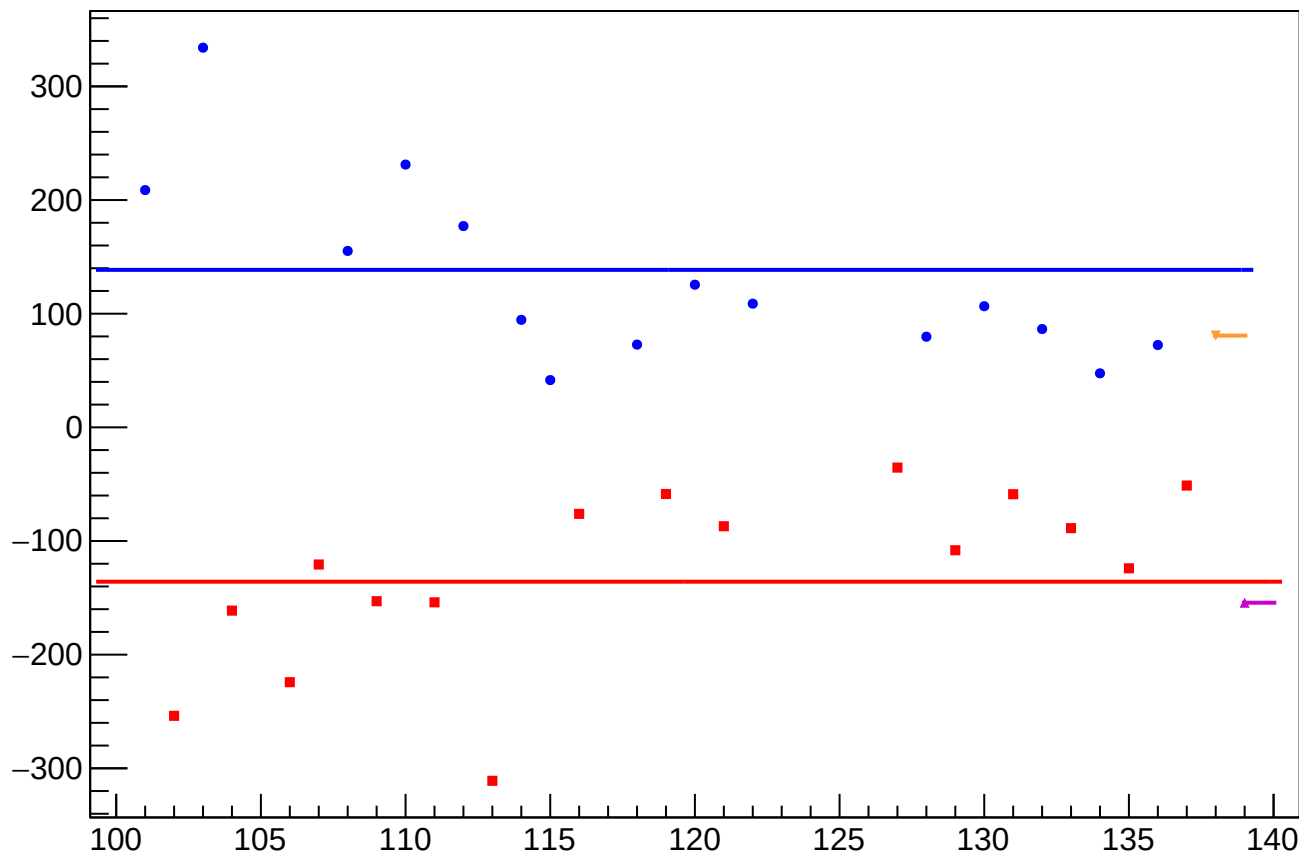
Out: -2130.408+/-0.000 χ^2/NDF : 28437367436790

Left In: -4638.015+/-0.000

χ^2/NDF : 0.0/0

All: -62.683+/-0.000 χ^2/NDF : 146722551453

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 138.577+/-0.000

χ^2/NDF : 4242369889979811373883774021335515136.0/14

Left Out: 80.711+/-0.000

χ^2/NDF : 0.0/0

Right Out: -135.809+/-0.000

χ^2/NDF : 3956401741862524263243160868173643776.0/15

Left In: -154.296+/-0.000

χ^2/NDF : 0.0/0

In: 106.080+/-0.000

χ^2/NDF : 10419198547099012

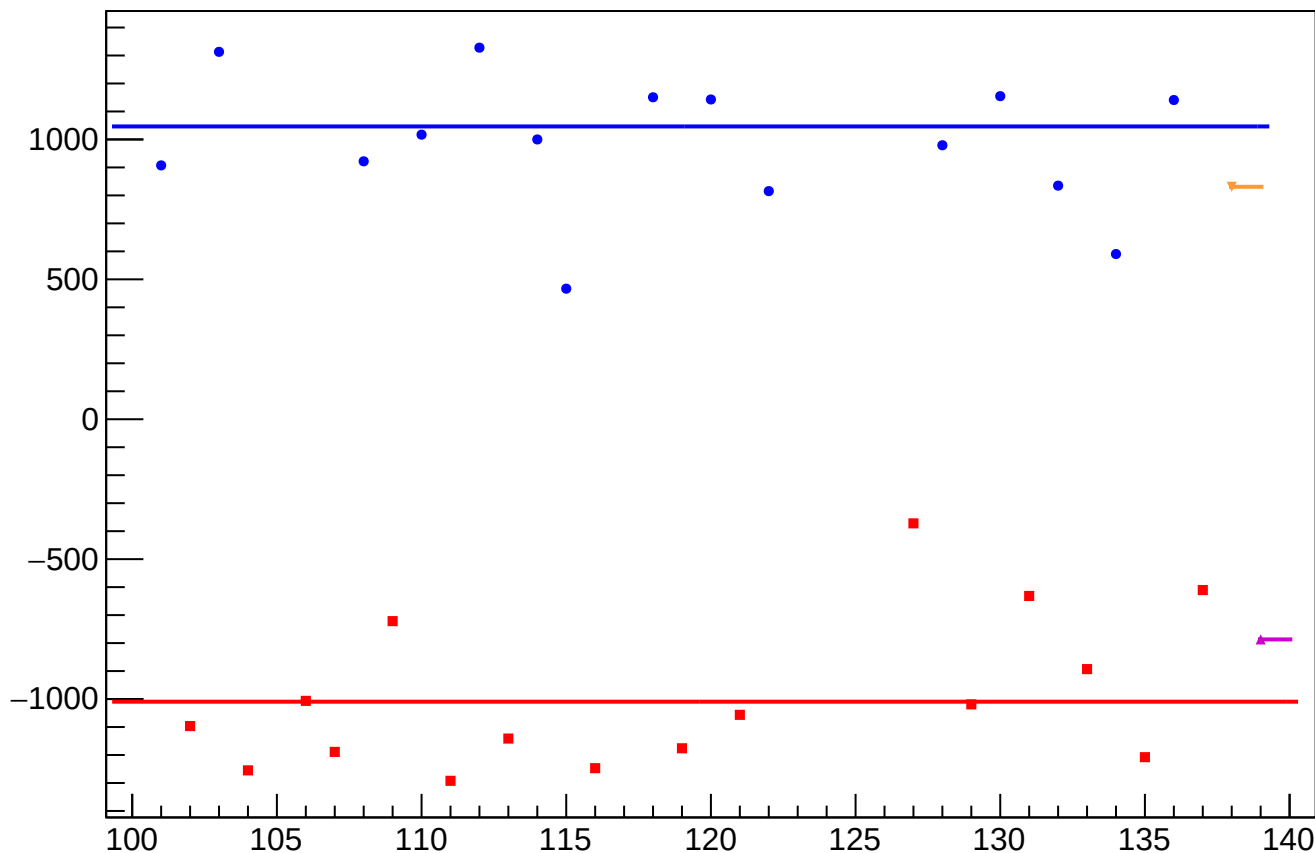
Out: -113.139+/-0.000

χ^2/NDF : 723026126945438

All: -4.644+/-0.000

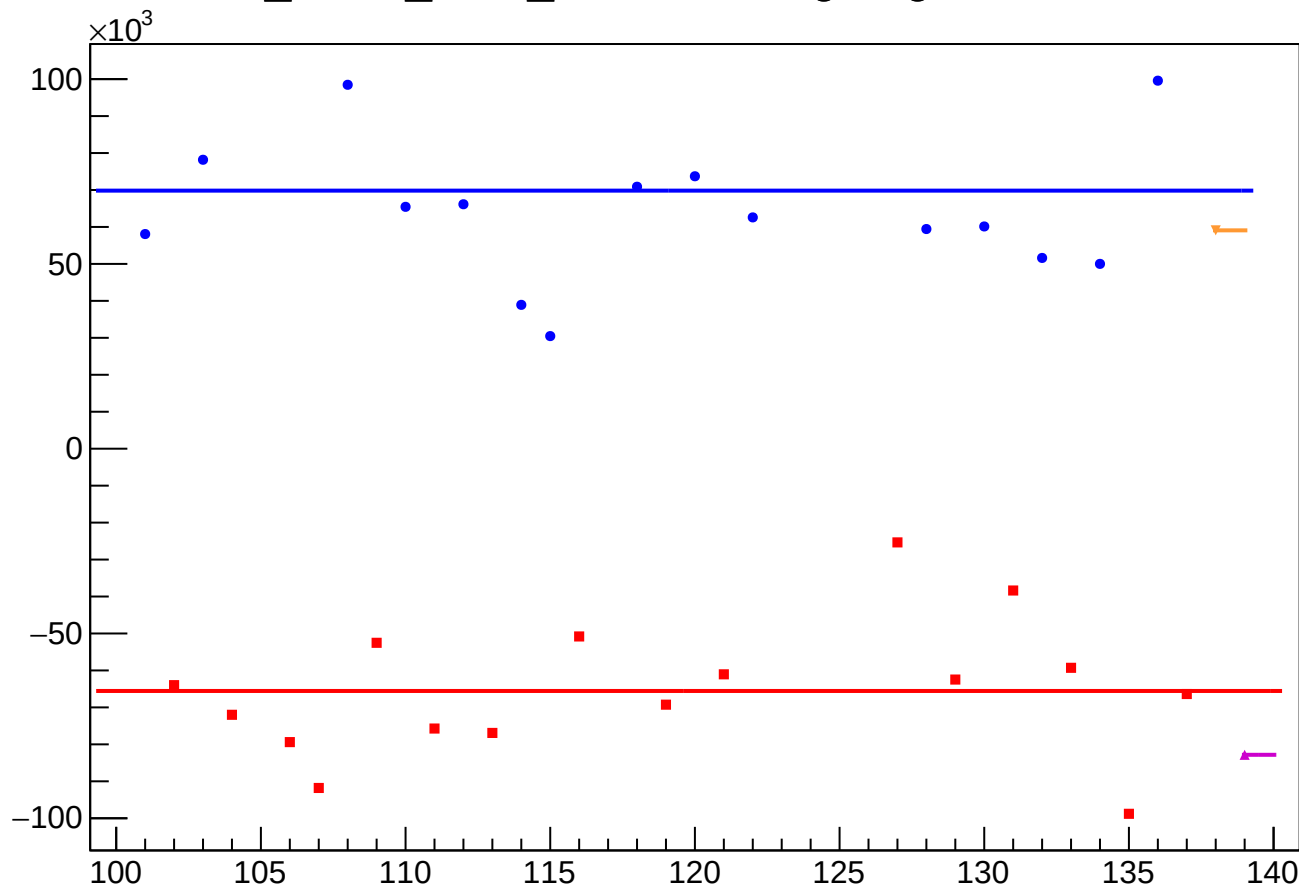
χ^2/NDF : 3536875831491

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: -786.889+/-0.000 χ^2/NDF : 0.0/0
 In: 843.060+/-0.000 χ^2/NDF : 26692008792909420
 Out: -816.779+/-0.000 χ^2/NDF : 281086403539326
 All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 69827.797+/-0.000

χ^2/NDF : 187803282116493131197684060541288926150656.0/14

Left Out: 59079.691+/-0.000

χ^2/NDF : 0.0/0

Right Out: -65555.147+/-0.000

χ^2/NDF : 212001467811386750910625783195999741673472.0/15

Left In: -82828.100+/-0.000

χ^2/NDF : 0.0/0

Left: -13212.957+/-0.000 χ^2/NDF : 8001934155041

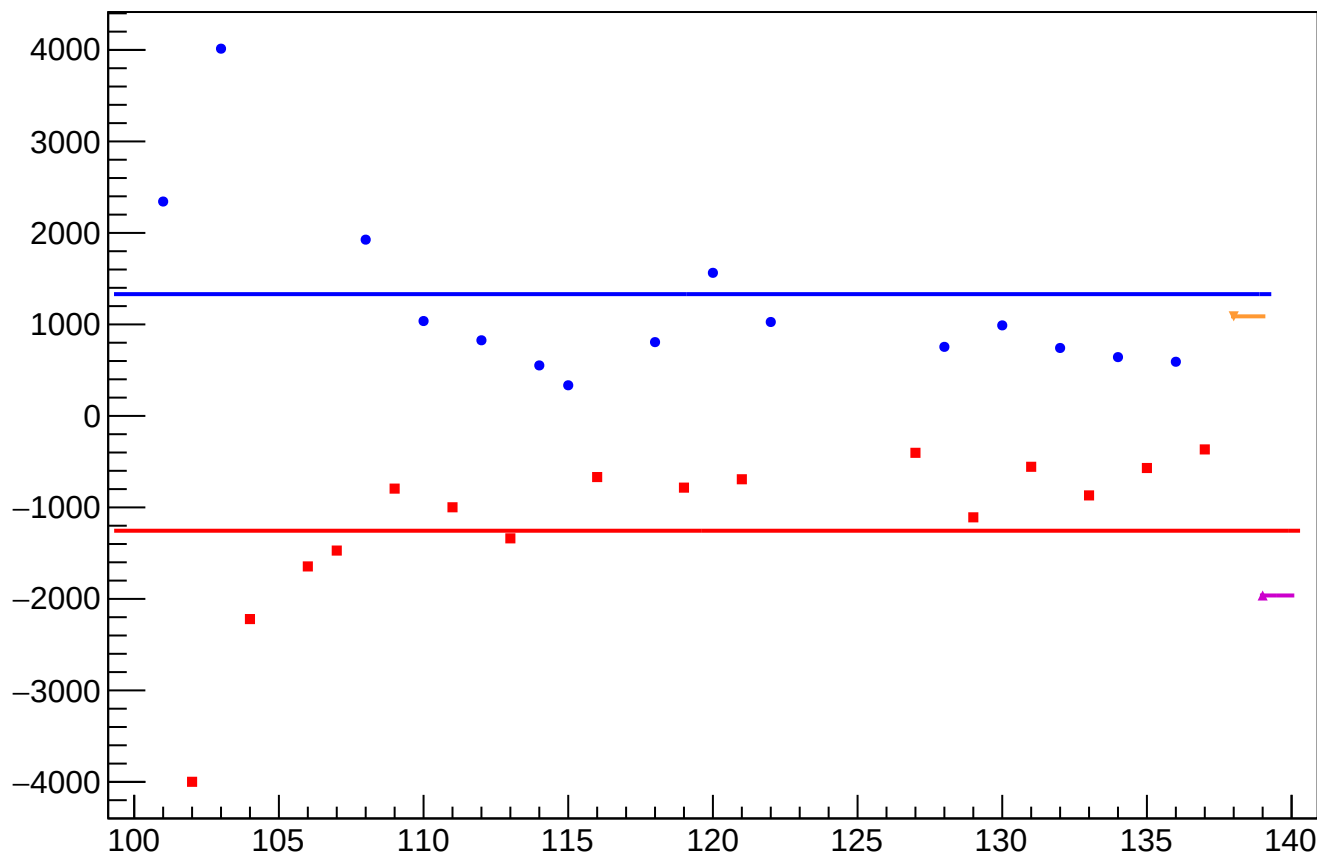
Right: 1210.454+/-0.000 χ^2/NDF : 64287668357099

In: 52889.266+/-0.000 χ^2/NDF : 186596583537117

Out: -52506.131+/-0.000 χ^2/NDF : 1296784970181

All: -344.341+/-0.000 χ^2/NDF : 72584721360

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1330.956+/-0.000

χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left: -465.966+/-0.000 χ^2/NDF : 369828182769799

Right: 20.358+/-0.000 χ^2/NDF : 3481069250883615

Left Out: 1088.198+/-0.000

χ^2/NDF : 0.0/0

Right Out: -1254.871+/-0.000

χ^2/NDF : 632140068983304062809817716800861765632.0/15

In: 965.510+/-0.000 χ^2/NDF : 14306203499744700

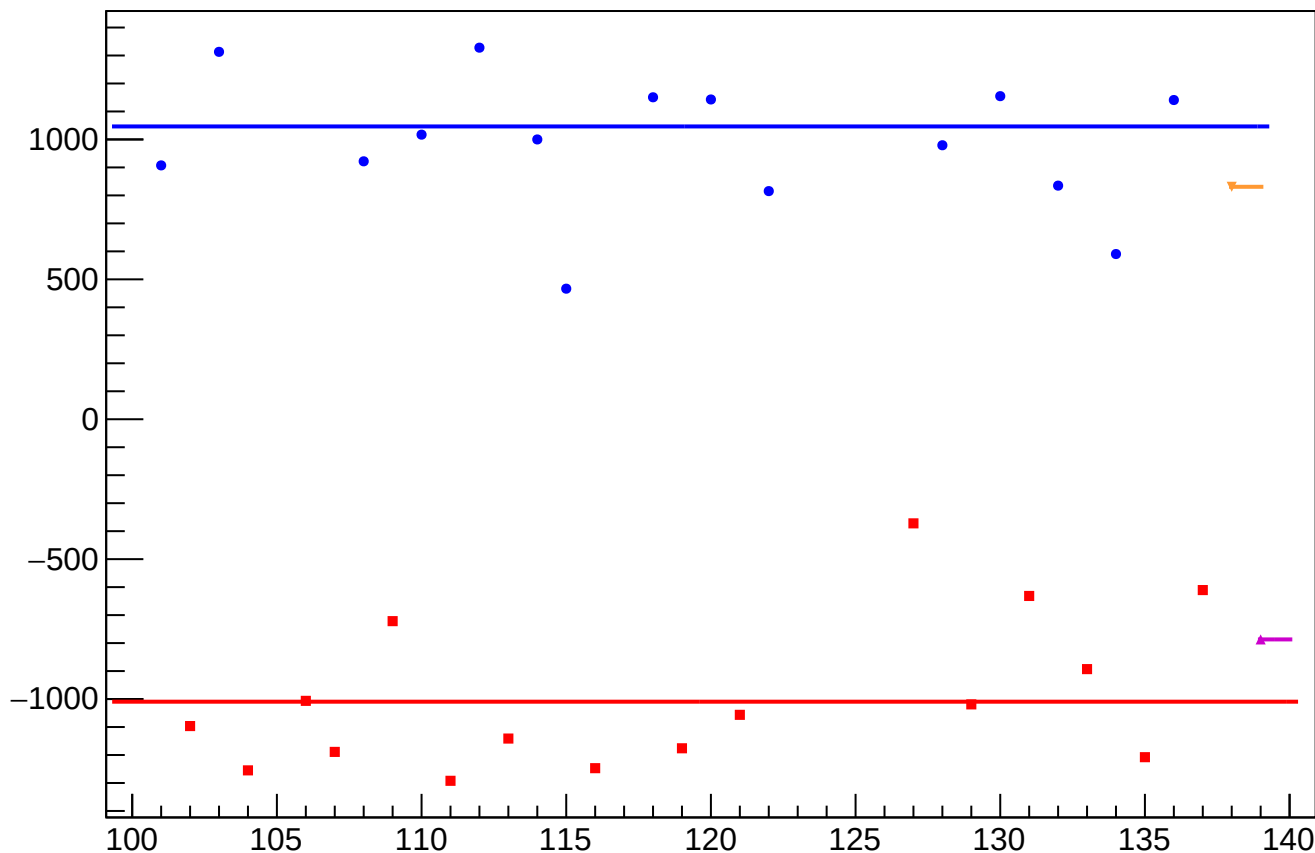
Out: -1009.557+/-0.000 χ^2/NDF : 10155243275830

Left In: -1962.567+/-0.000

χ^2/NDF : 0.0/0

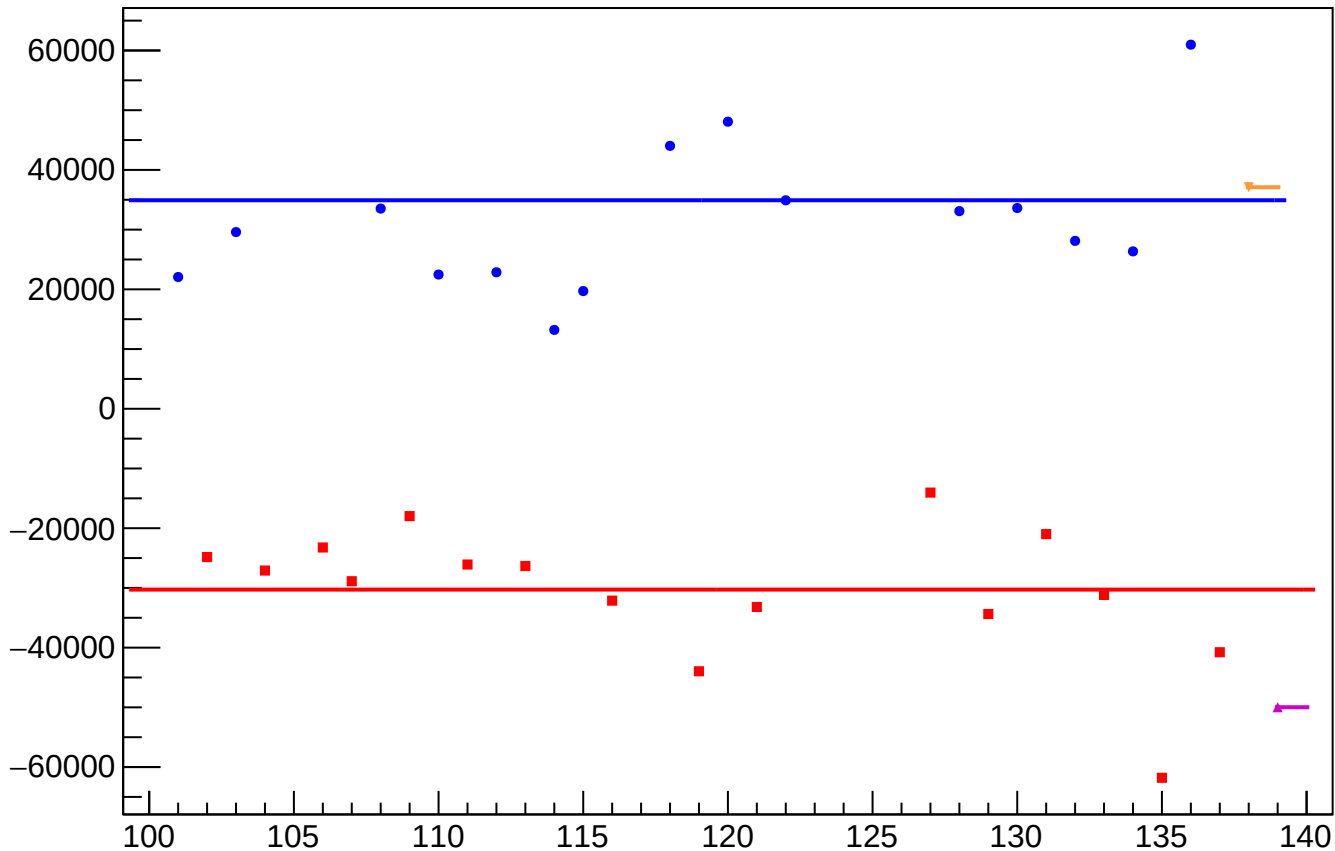
All: -32.066+/-0.000 χ^2/NDF : 388444894736

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 6.679 +/- 0.000 χ^2/NDF : 103981476795355592
 Right: 4.462 +/- 0.000 χ^2/NDF : 14598494086105576
 In: 843.060 +/- 0.000 χ^2/NDF : 26692008792909420
 Out: -816.779 +/- 0.000 χ^2/NDF : 281086403539326
 All: 4.701 +/- 0.000 χ^2/NDF : 15638315828125

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: -49980.201+/-0.000

χ^2/NDF : 0.0/0

Left: -7260.918+/-0.000 χ^2/NDF : 30132520490684

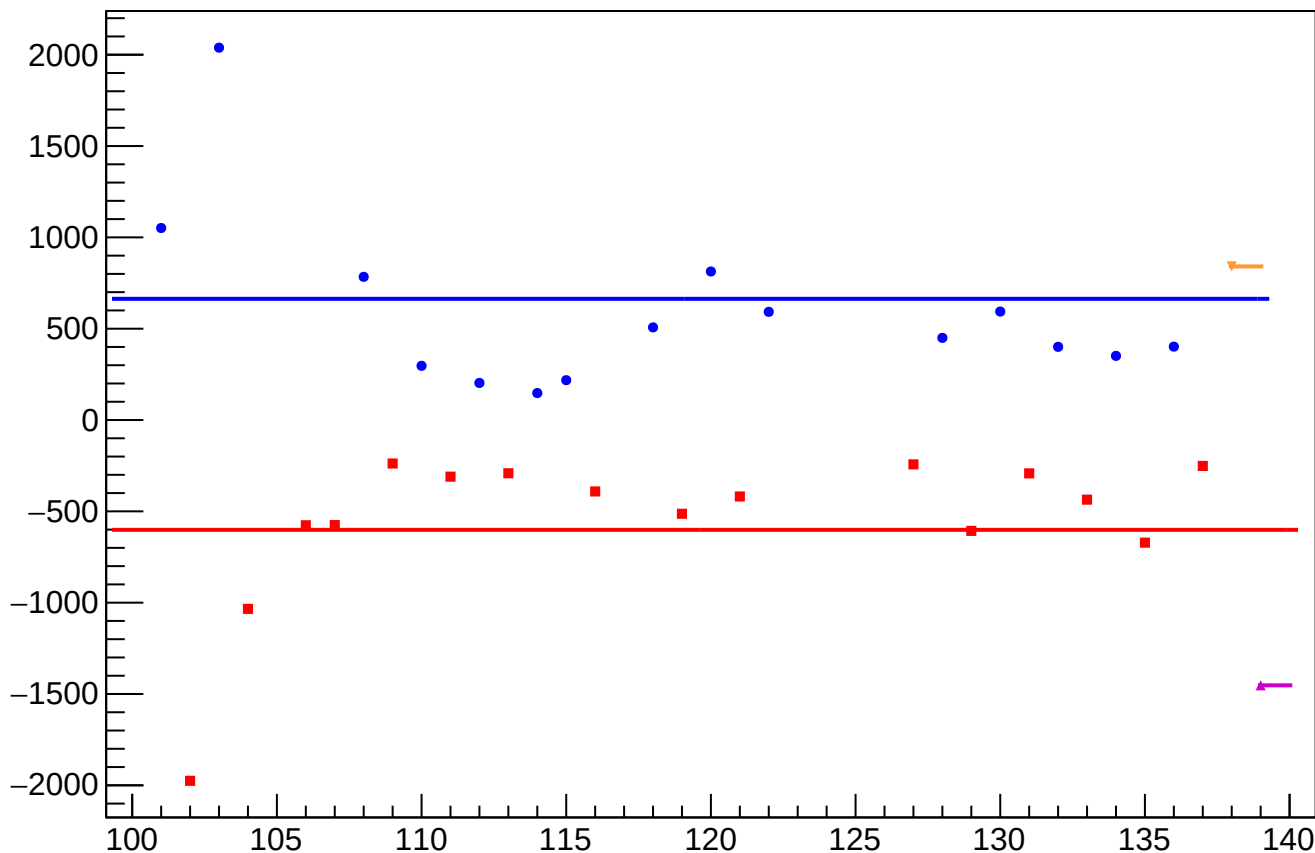
Right: 1872.760+/-0.000 χ^2/NDF : 15931536557711

In: 25499.314+/-0.000 χ^2/NDF : 625451953697409

Out: -23227.426+/-0.000 χ^2/NDF : 4054306642292

All: 888.181+/-0.000 χ^2/NDF : 190631342789

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: -1452.497+/-0.000

χ^2/NDF : 0.0/0

Left: -327.425+/-0.000 χ^2/NDF : 209000969953559

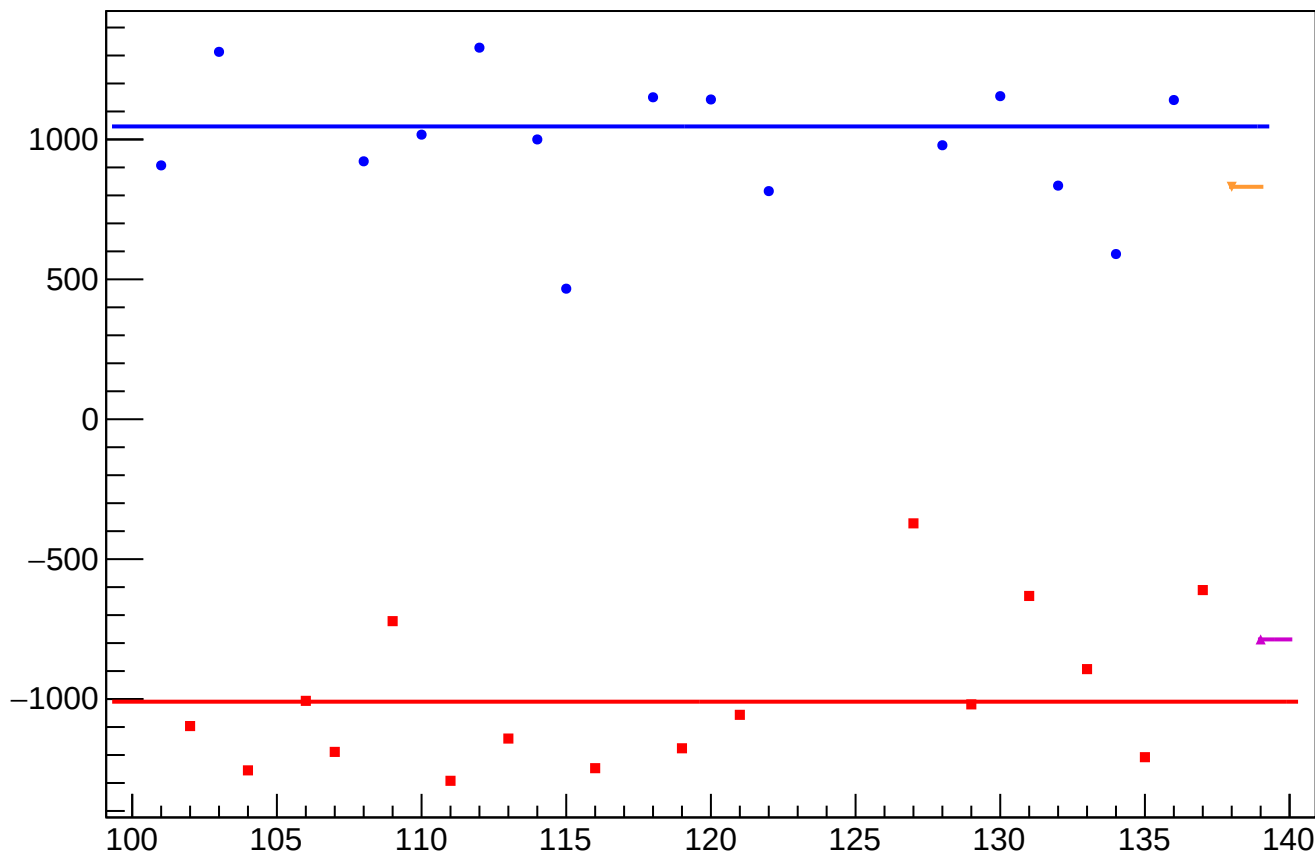
Right: 22.529+/-0.000 χ^2/NDF : 8336101395091641

In: 428.777+/-0.000 χ^2/NDF : 48014542429911014

Out: -450.227+/-0.000 χ^2/NDF : 294954485257853

All: -15.195+/-0.000 χ^2/NDF : 105998443961

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: -786.889+/-0.000

χ^2/NDF : 0.0/0

Left: 6.679+/-0.000 χ^2/NDF : 103981476795355592

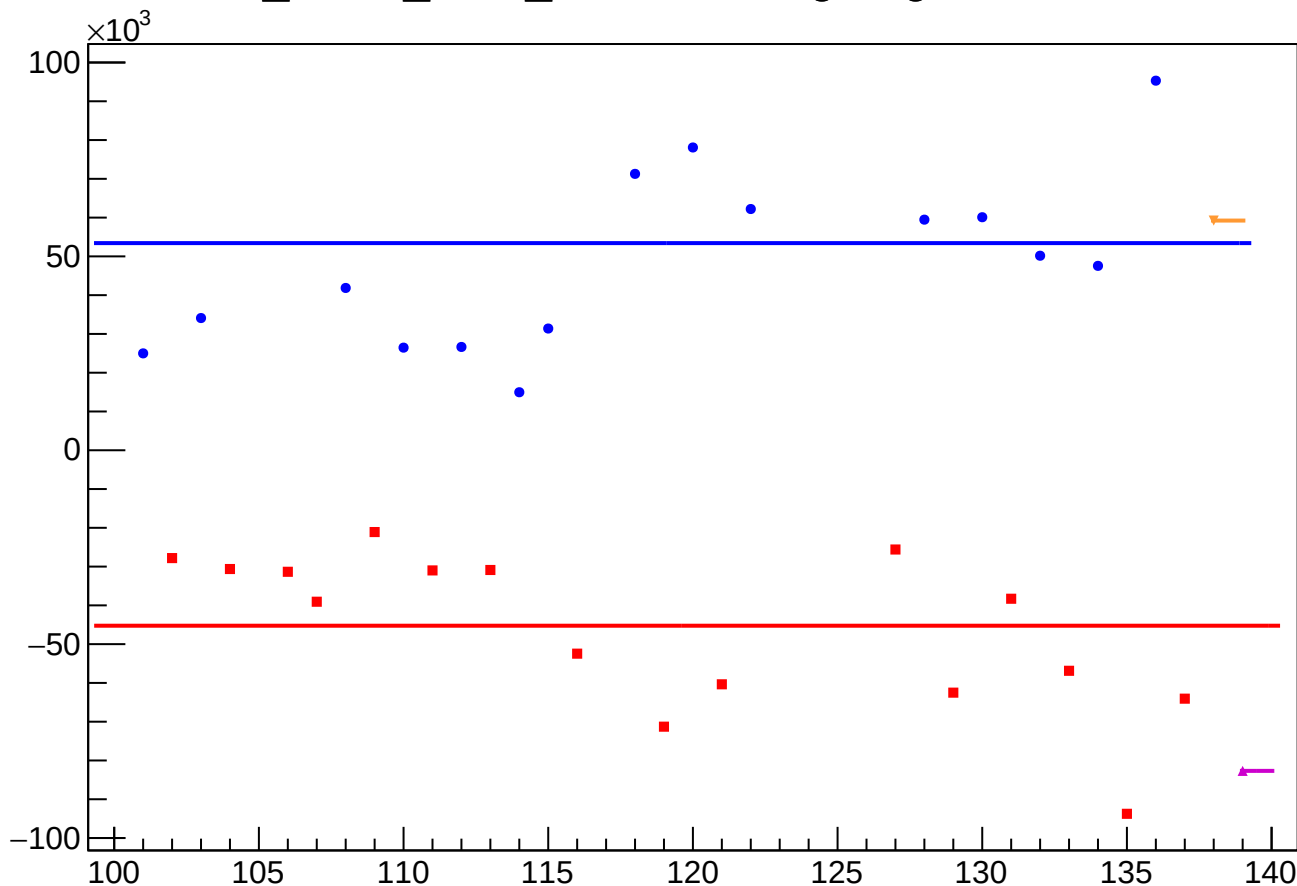
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -816.779+/-0.000 χ^2/NDF : 281086403539326

All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452+/-0.000

χ^2/NDF : 360635757315133800133751123167777346551808.0/14

Left Out: 59235.827+/-0.000

χ^2/NDF : 4129285617.9/0

Right Out: -45247.617+/-0.000

χ^2/NDF : 286060196488034430215784613374055547928576.0/15

Left In: -82683.627+/-0.000

χ^2/NDF : 0.0/0

Left: -13062.763+/-0.000

χ^2/NDF : 8003249650802

Right: 3412.622+/-0.000

χ^2/NDF : 38491691465863

In: 38320.270+/-0.000

χ^2/NDF : 169465440869702

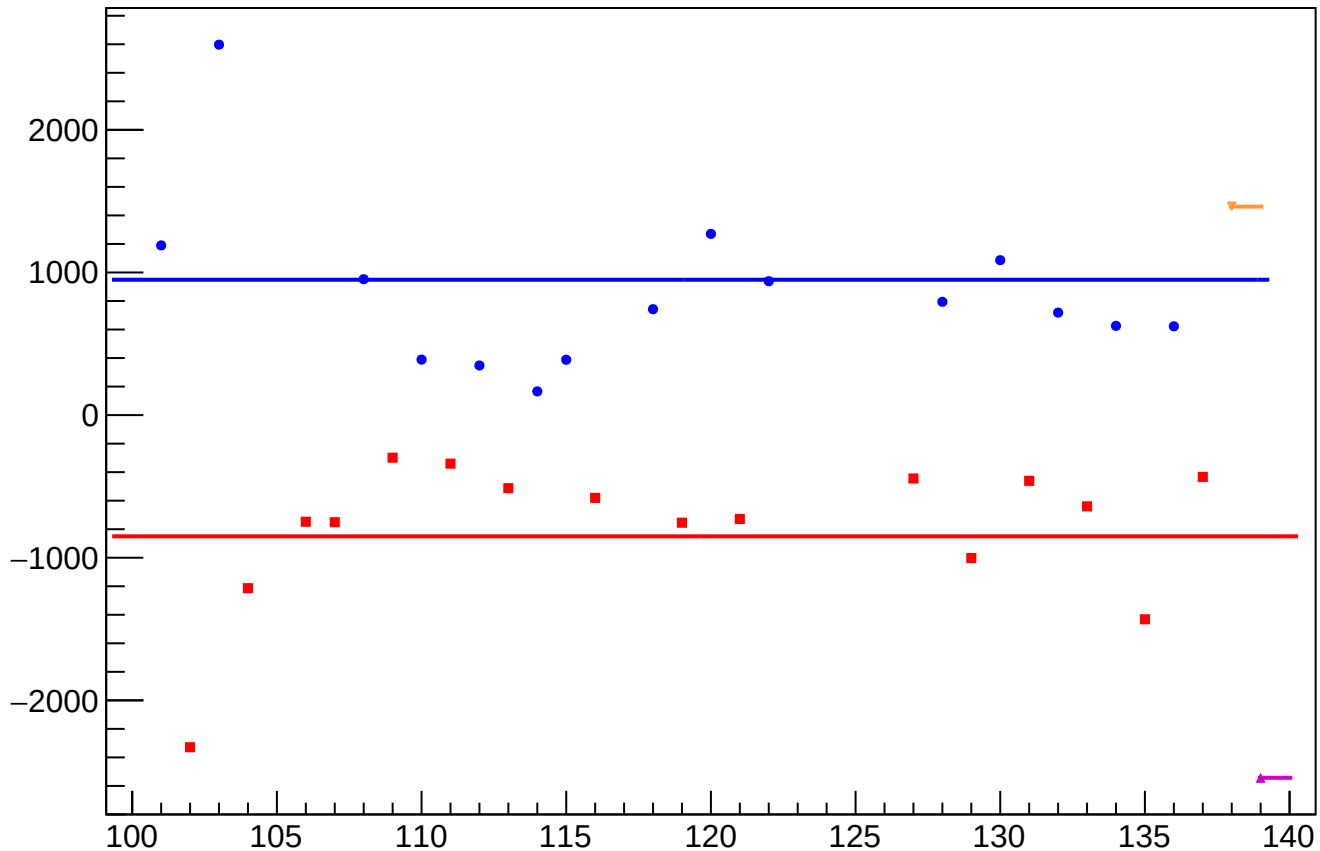
Out: -34308.411+/-0.000

χ^2/NDF : 1048418483054

All: 1636.631+/-0.000

χ^2/NDF : 46880004417

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 949.197+/-0.000

χ^2/NDF : 2256910321831

Left: -578.351+/-0.000 χ^2/NDF : 637331369486031

Right: 37.382+/-0.000 χ^2/NDF : 1494917928354426

Left Out: 1461.880+/-0.000

χ^2/NDF : 0.0/0

Right Out: -849.827+/-0.000

χ^2/NDF : 204622224261

In: 561.705+/-0.000 χ^2/NDF : 1103921994000946

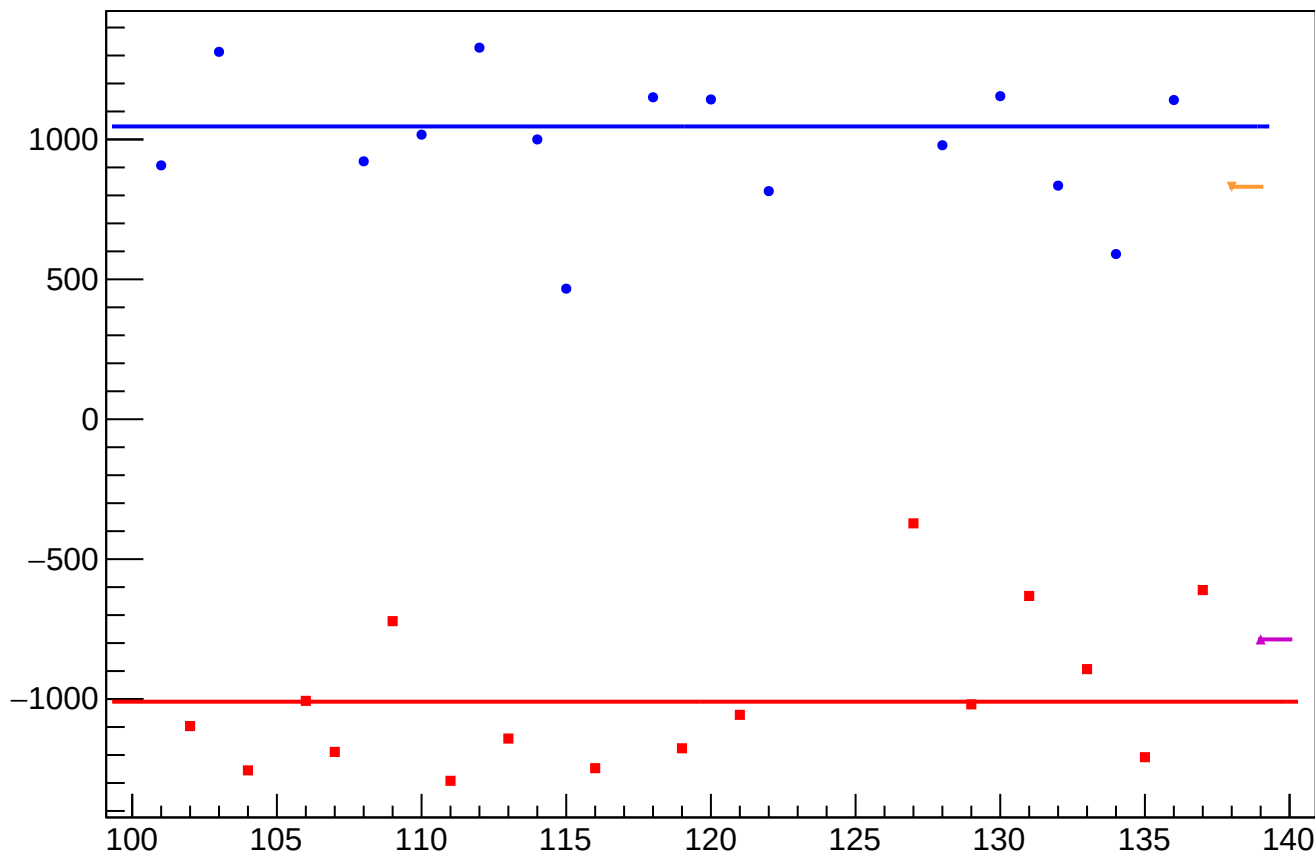
Out: -607.796+/-0.000 χ^2/NDF : 577811772016477

Left In: -2543.018+/-0.000

χ^2/NDF : 0.0/0

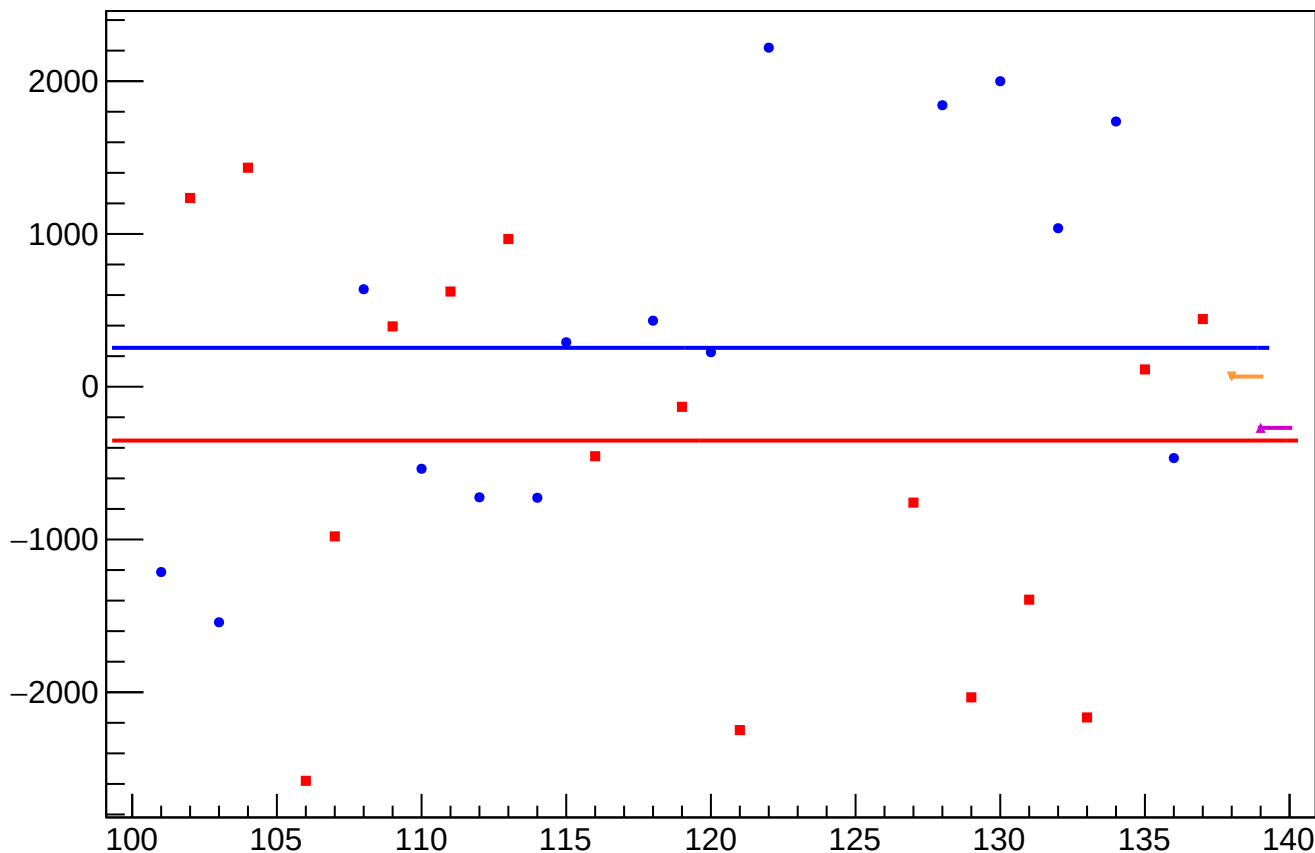
All: -28.992+/-0.000 χ^2/NDF : 218603238982

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



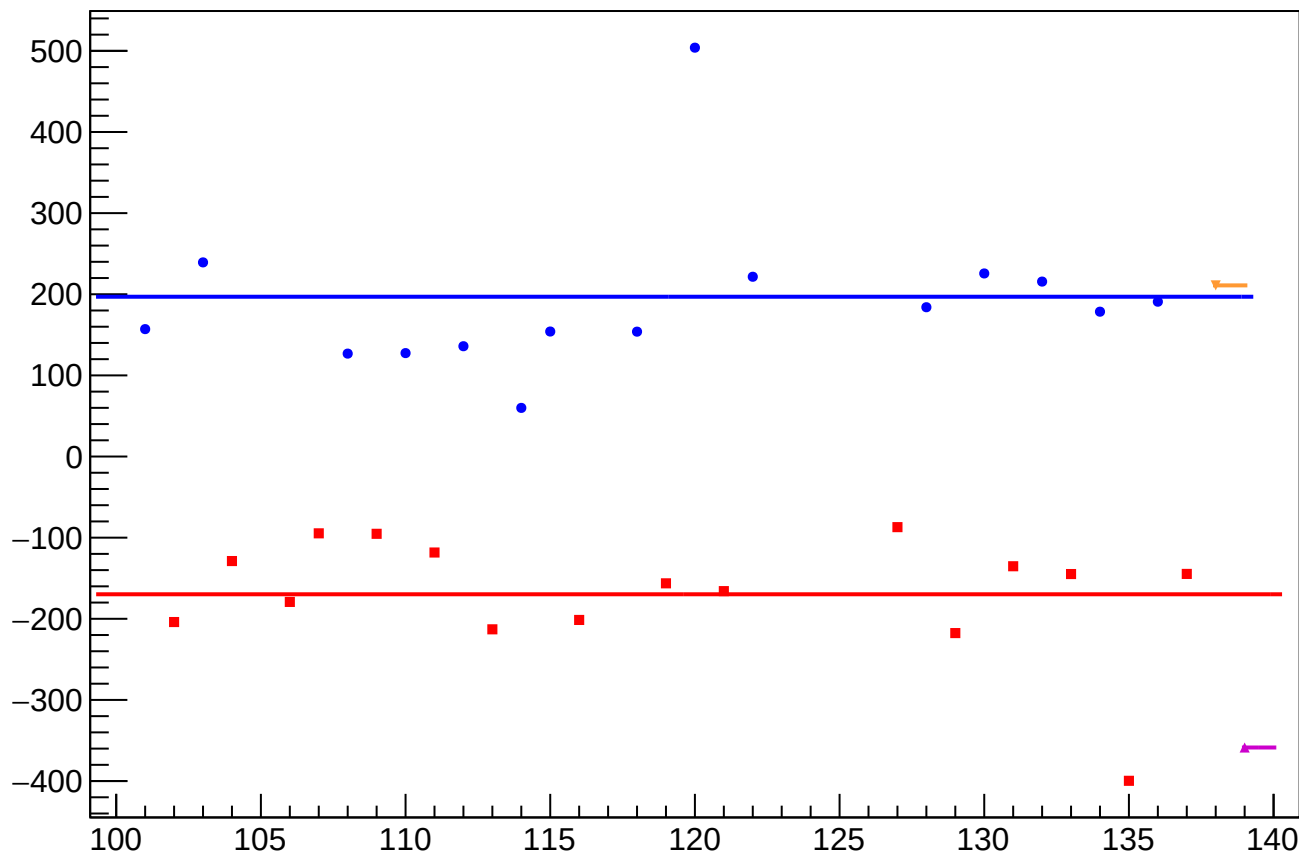
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 830.769+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -786.889+/-0.000 χ^2/NDF : 0.0/0
 In: 843.060+/-0.000 χ^2/NDF : 26692008792909420
 Out: -816.779+/-0.000 χ^2/NDF : 281086403539326
 All: 4.701+/-0.000 χ^2/NDF : 15638315828125

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left: -104.524+/-0.000 χ^2/NDF : 448053019299849
 Left Out: 66.541+/-0.000 χ^2/NDF : 0.0/0
 Right: -53.015+/-0.000 χ^2/NDF : 220036732540735
 In: 196.455+/-0.000 χ^2/NDF : 9981622891950896
 Right Out: -352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Out: -308.455+/-0.000 χ^2/NDF : 111306483615075
 Left In: -269.254+/-0.000 χ^2/NDF : 0.0/0
 All: -58.568+/-0.000 χ^2/NDF : 220522423791

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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: -358.642+/-0.000

χ^2/NDF : 0.0/0

In: 135.307+/-0.000

χ^2/NDF : 26714646337440987

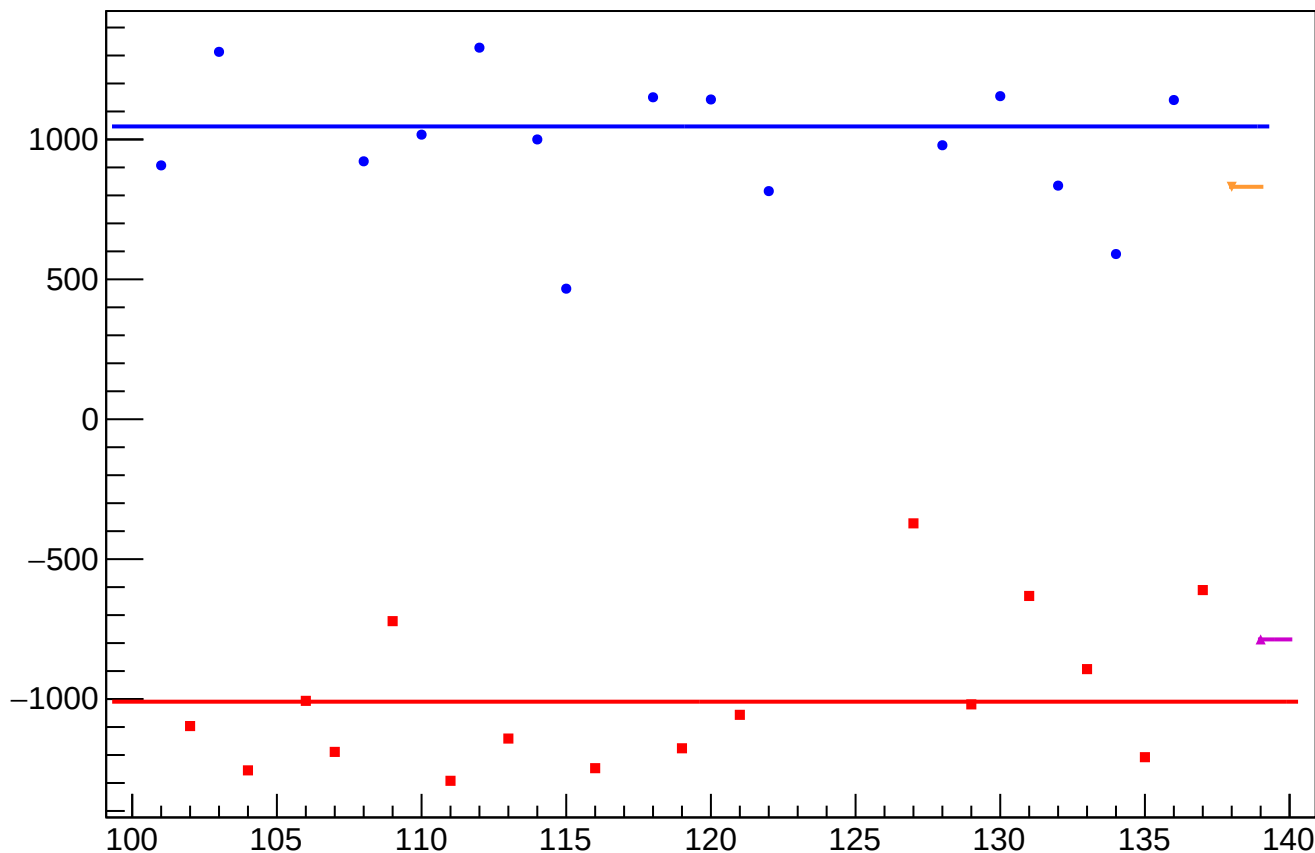
Out: -129.917+/-0.000

χ^2/NDF : 140149941103870

All: 1.346+/-0.000

χ^2/NDF : 66666226279417

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: -786.889+/-0.000

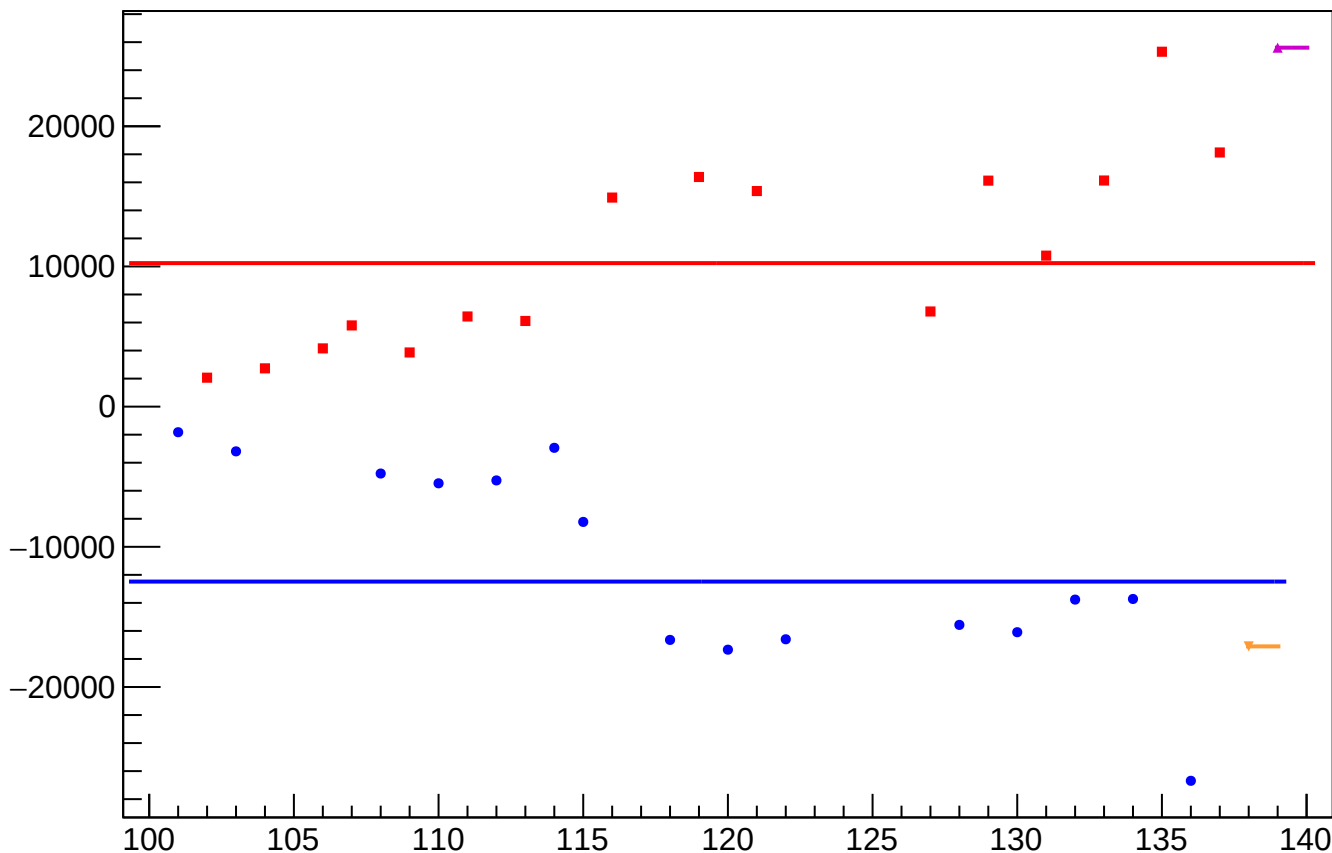
χ^2/NDF : 0.0/0

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -816.779+/-0.000 χ^2/NDF : 281086403539326

All: 4.701+/-0.000 χ^2/NDF : 15638315828125

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: 25606.916+/-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: 4655.377+/-0.000 χ^2/NDF : 724801969225163

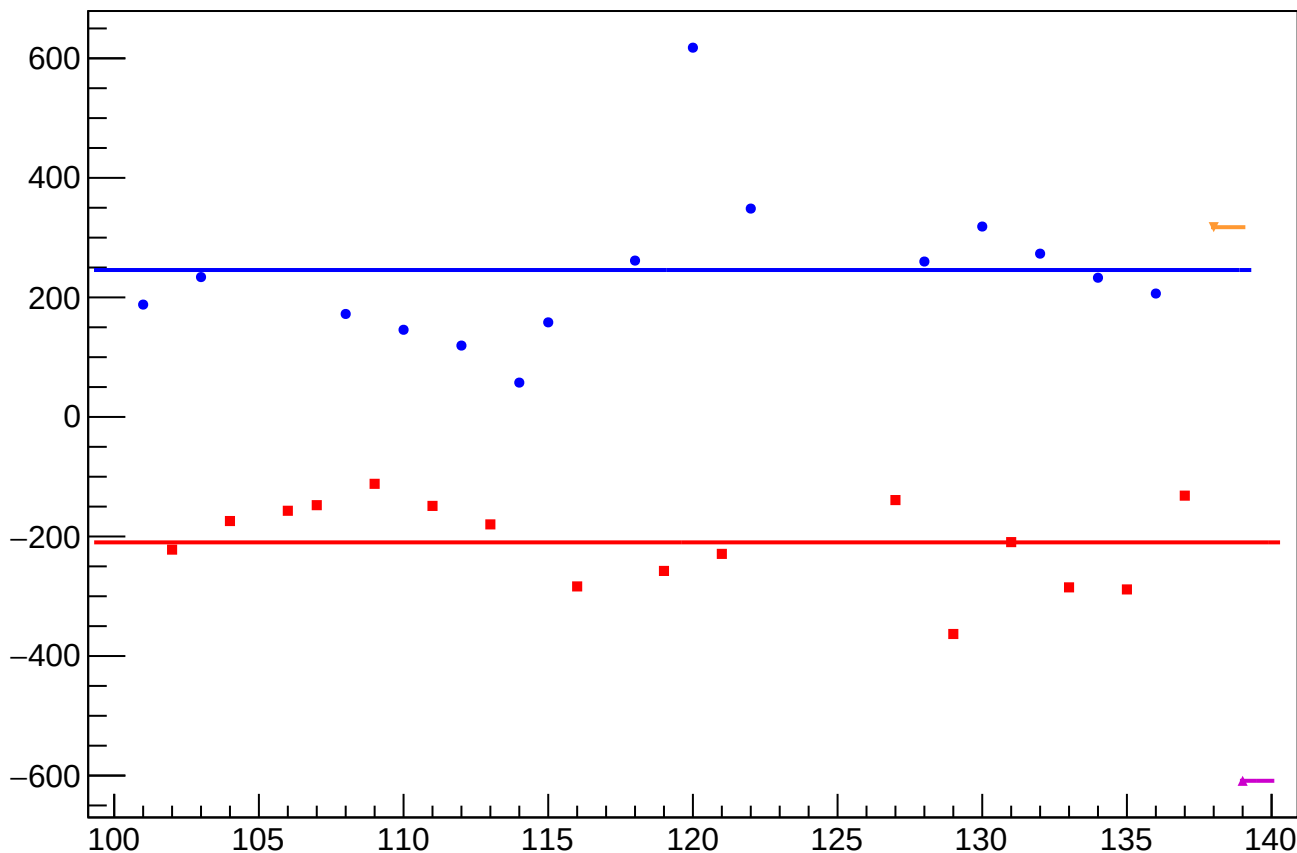
Right: -965.413+/-0.000 χ^2/NDF : 24217037814564

In: -8253.609+/-0.000 χ^2/NDF : 145638759744197

Out: 7375.646+/-0.000 χ^2/NDF : 834270729684396

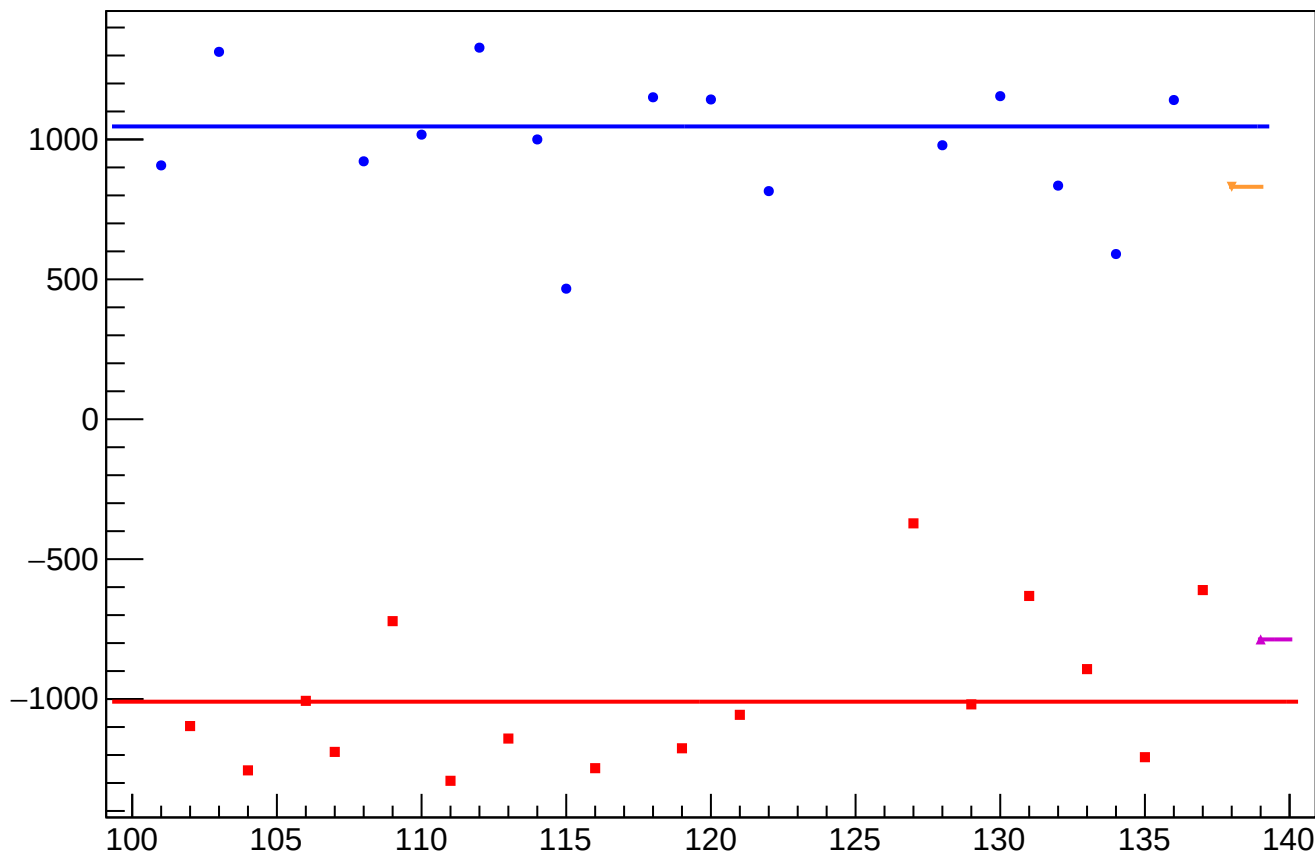
All: -359.511+/-0.000 χ^2/NDF : 31913240922

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



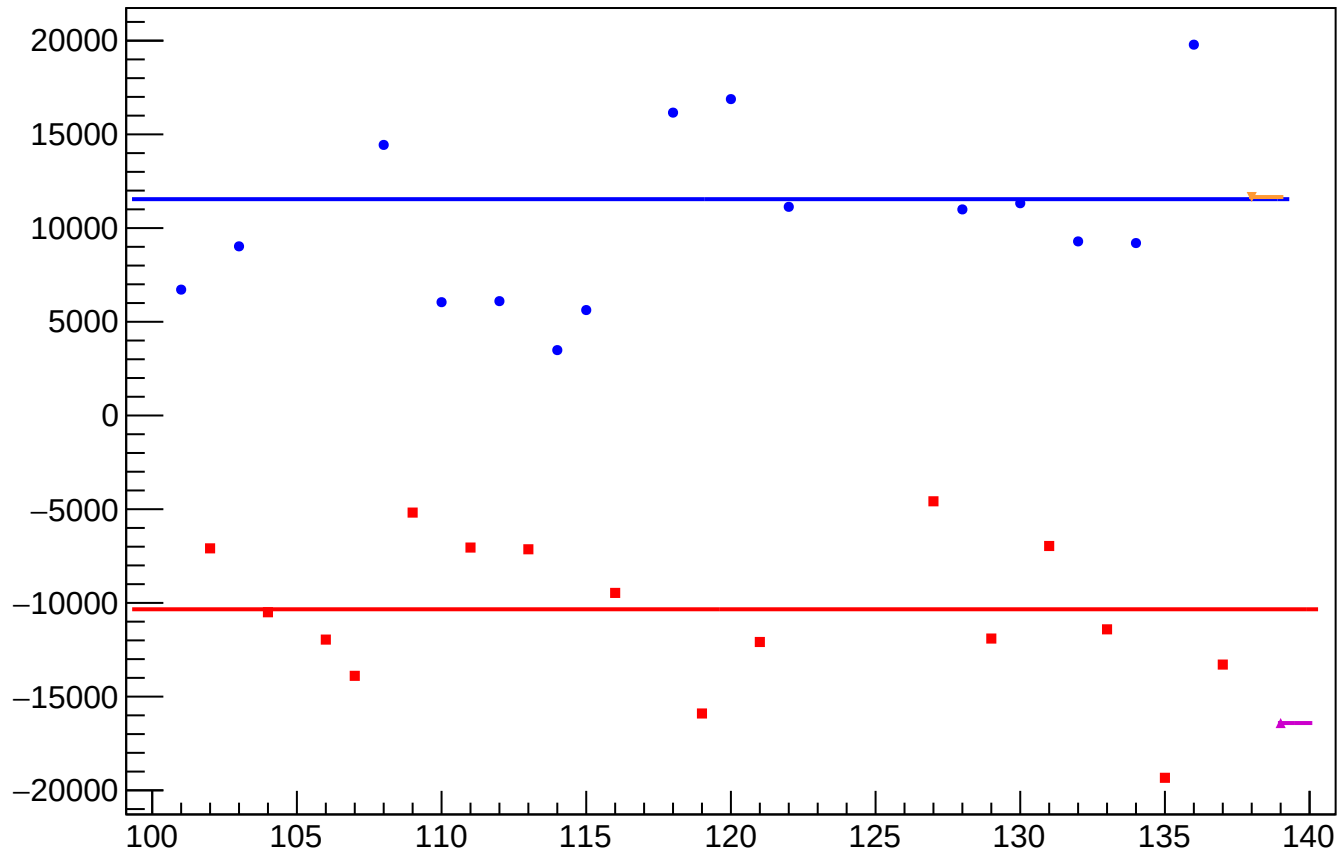
Right In: 245.832 $\pm$ 0.000 χ^2 /NDF: 7828269009300013139414476154059358208.0/14
 Left Out: 317.492 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -209.844 $\pm$ 0.000 χ^2 /NDF: 3128489258838765241921217786024034304.0/15
 Left In: -608.749 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -3.366 $\pm$ 0.000 χ^2 /NDF: 1174115395239

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490 ± 0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$
 Left Out: 830.769 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -1009.445 ± 0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$
 Left In: -786.889 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 4.701 ± 0.000 $\chi^2/\text{NDF}: 15638315828125$

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 11542.759+/-0.000

Left: -2641.879+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14

Left Out: 11655.989+/-0.000

Right: 451.741+/-0.000 χ^2/NDF : 183007796935000

Right Out: -10339.969+/-0.000

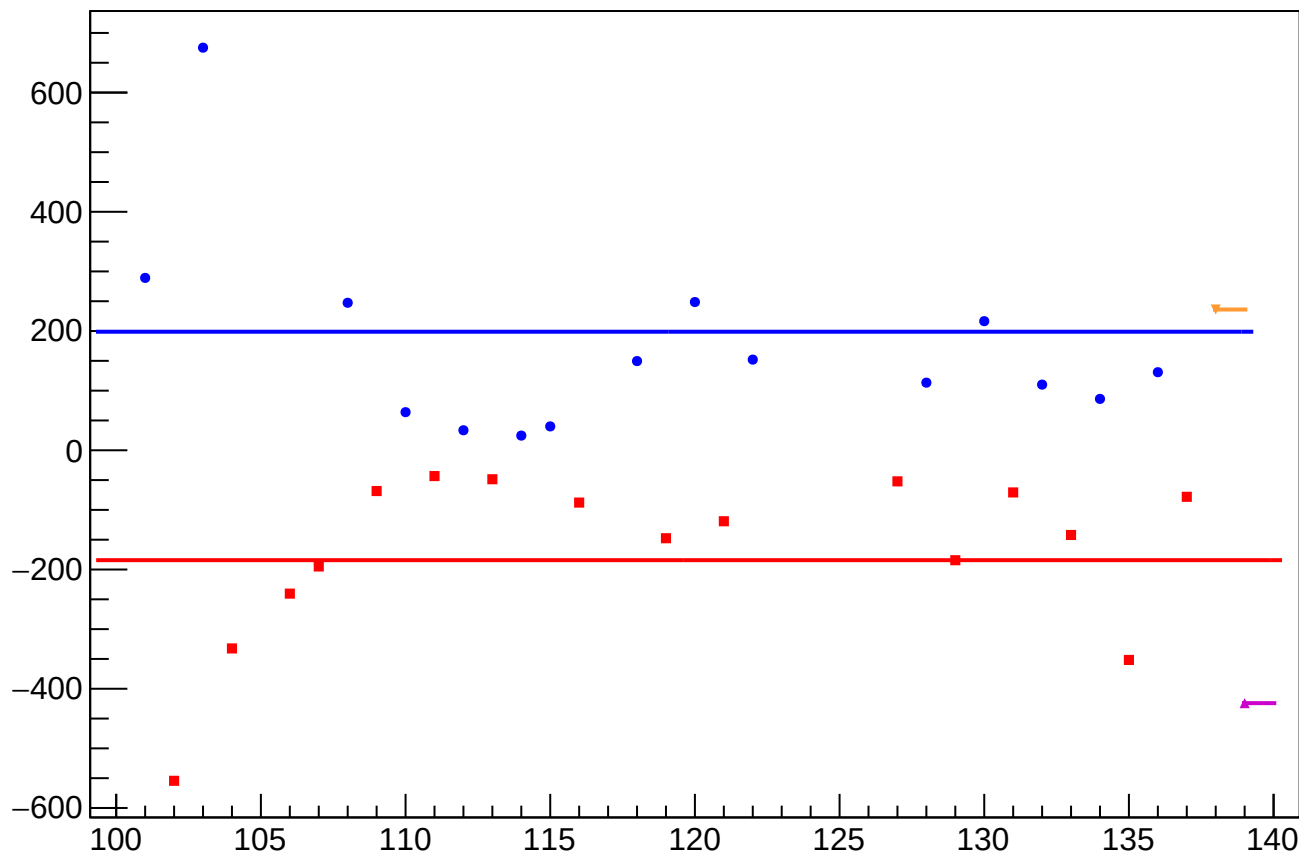
In: 8441.130+/-0.000 χ^2/NDF : 7050164916948672

Left In: -16410.195+/-0.000

Out: -8037.036+/-0.000 χ^2/NDF : 45047855390564

All: 118.260+/-0.000 χ^2/NDF : 215665822778

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: -424.150+/-0.000 χ^2/NDF : 0.0/0

Left: -100.260+/-0.000 χ^2/NDF : 173213940415726

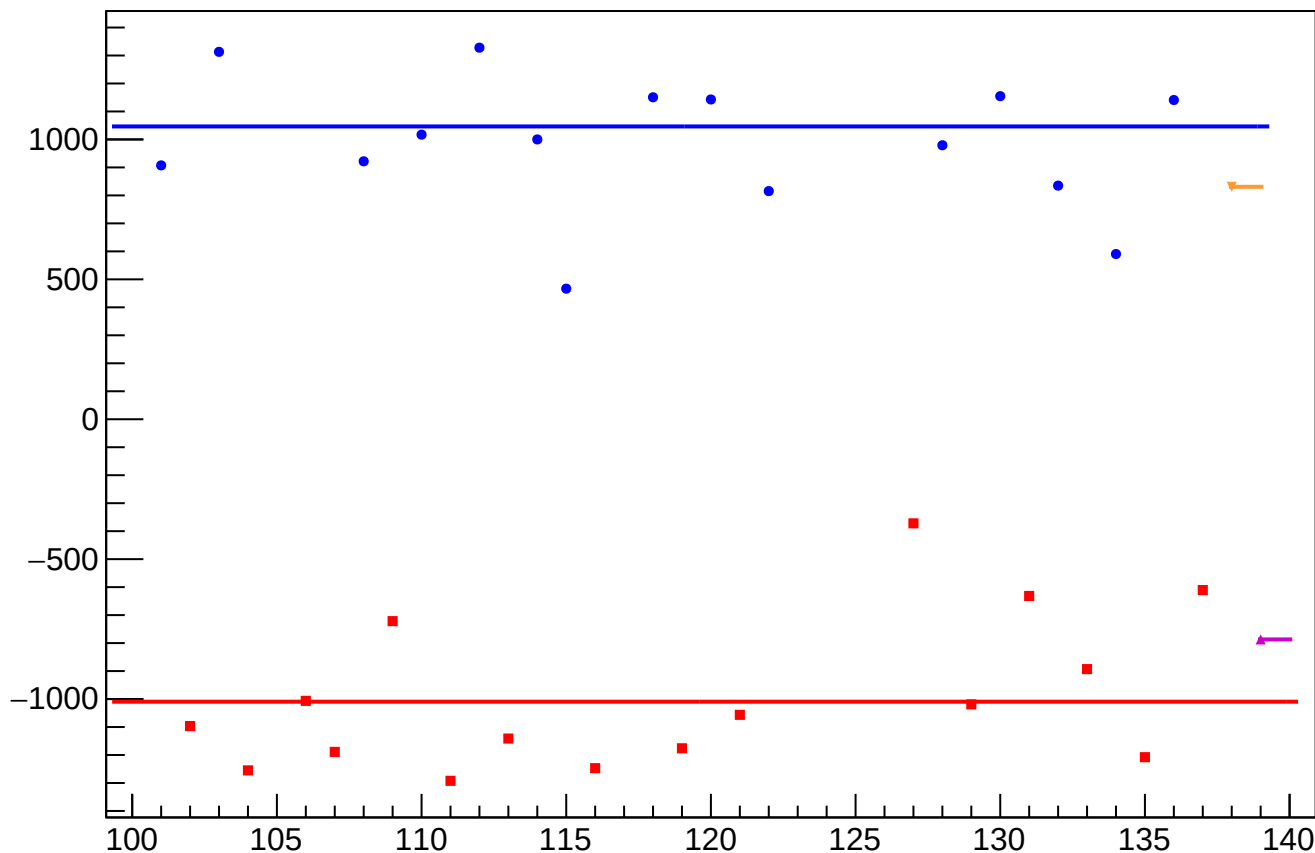
Right: 4.640+/-0.000 χ^2/NDF : 81558141576342570

In: 129.723+/-0.000 χ^2/NDF : 46284095672876425

Out: -140.312+/-0.000 χ^2/NDF : 272704867292262

All: -6.667+/-0.000 χ^2/NDF : 1004405772811

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: -786.889+/-0.000

χ^2/NDF : 0.0/0

In: 843.060+/-0.000

χ^2/NDF : 26692008792909420

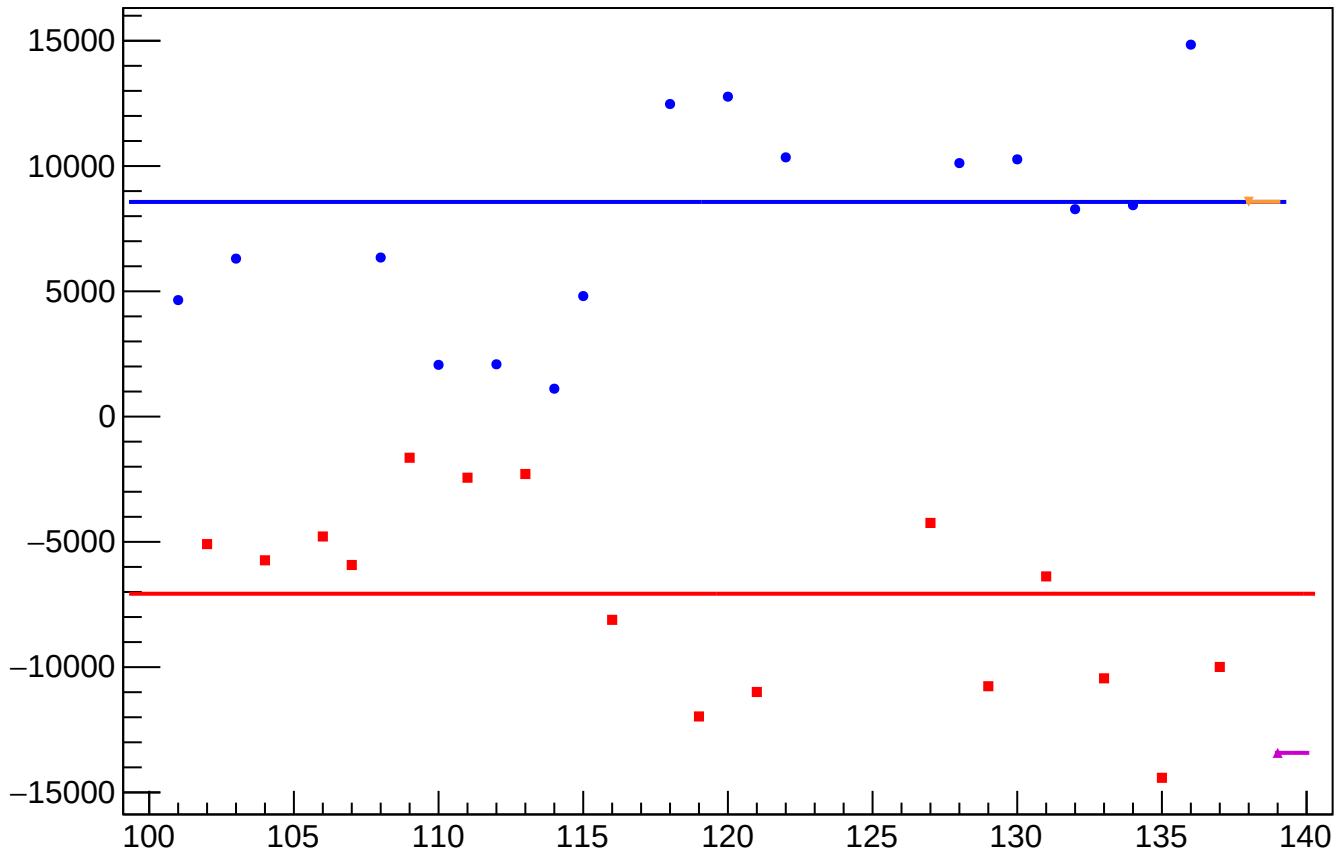
Out: -816.779+/-0.000

χ^2/NDF : 281086403539326

All: 4.701+/-0.000

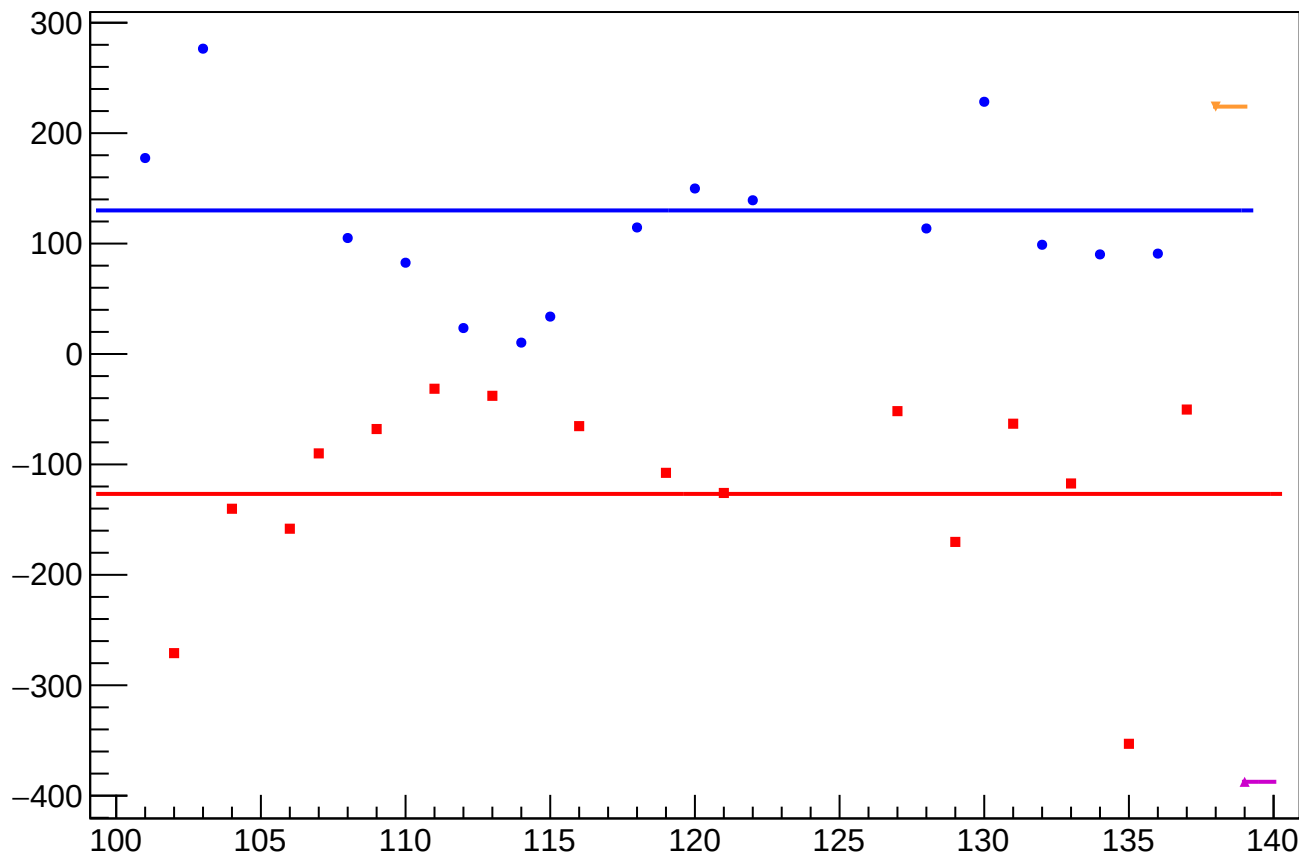
χ^2/NDF : 15638315828125

dit_sam8_coil1_mean vs Slug, Sign Corrected



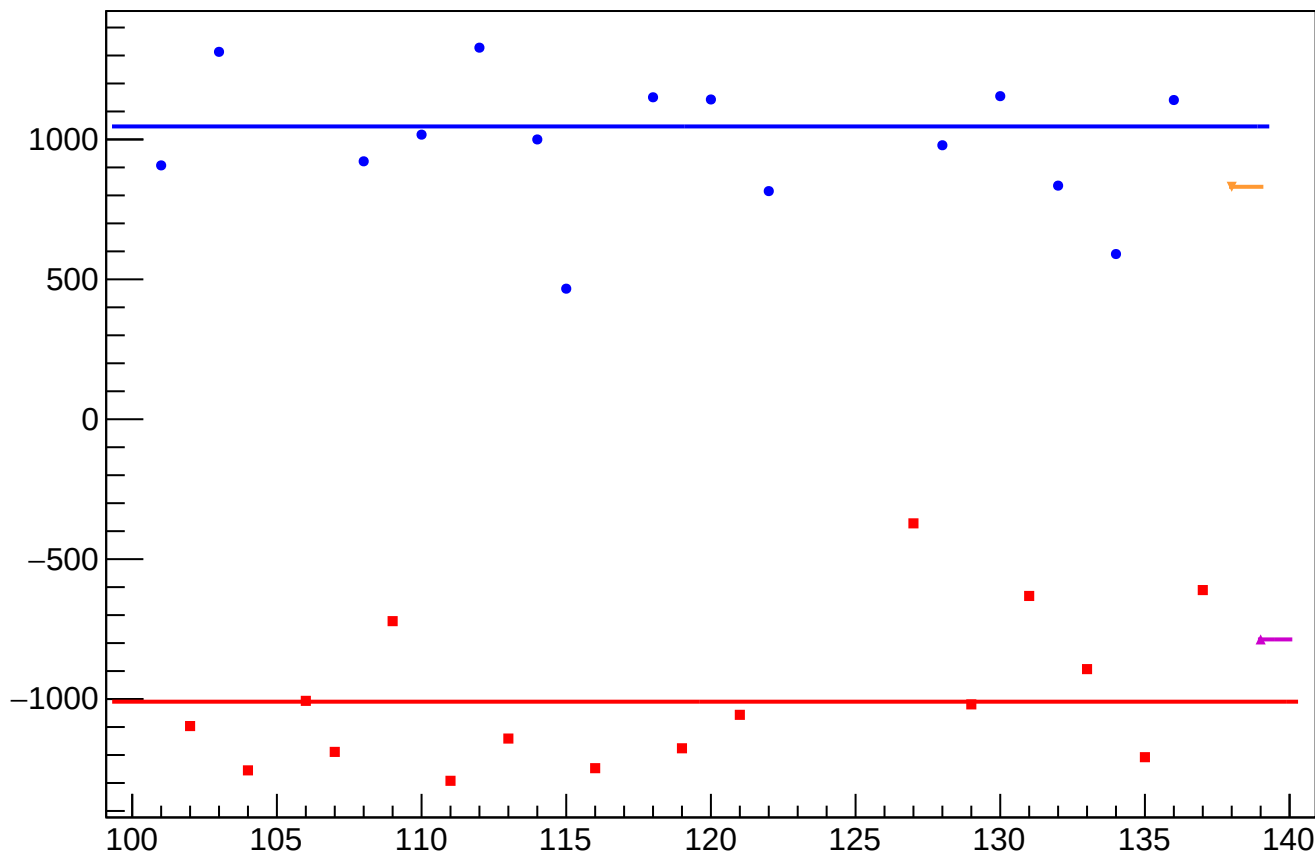
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 8575.422+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: -13420.932+/-0.000 χ^2/NDF : 0.0/0
 In: 6127.941+/-0.000 χ^2/NDF : 4592427181277545
 Out: -5431.852+/-0.000 χ^2/NDF : 27170413120235
 All: 289.266+/-0.000 χ^2/NDF : 122365214140

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: -387.426+/-0.000 χ^2/NDF : 0.0/0
 In: 72.605+/-0.000 χ^2/NDF : 223966514794266620.0/14
 Out: -89.986+/-0.000 χ^2/NDF : 1398838039821081.0/14
 All: -9.517+/-0.000 χ^2/NDF : 4613226025623.0/14

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: -786.889+/-0.000

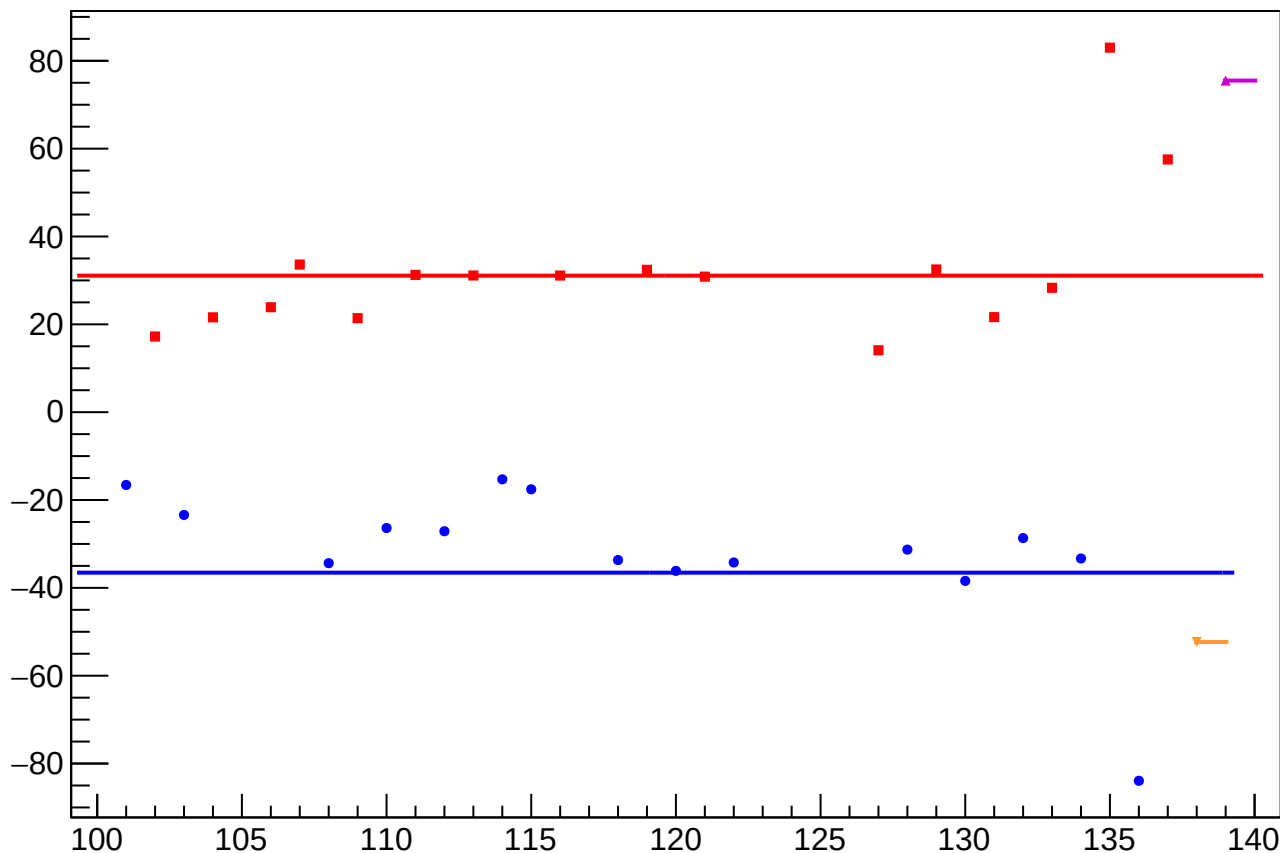
χ^2/NDF : 0.0/0

In: 843.060+/-0.000 χ^2/NDF : 26692008792909420

Out: -816.779+/-0.000 χ^2/NDF : 281086403539326

All: 4.701+/-0.000 χ^2/NDF : 15638315828125

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: 75.503+/-0.000

χ^2/NDF : 0.0/0

Left: 12.791+/-0.000 χ^2/NDF : 64937689041106942

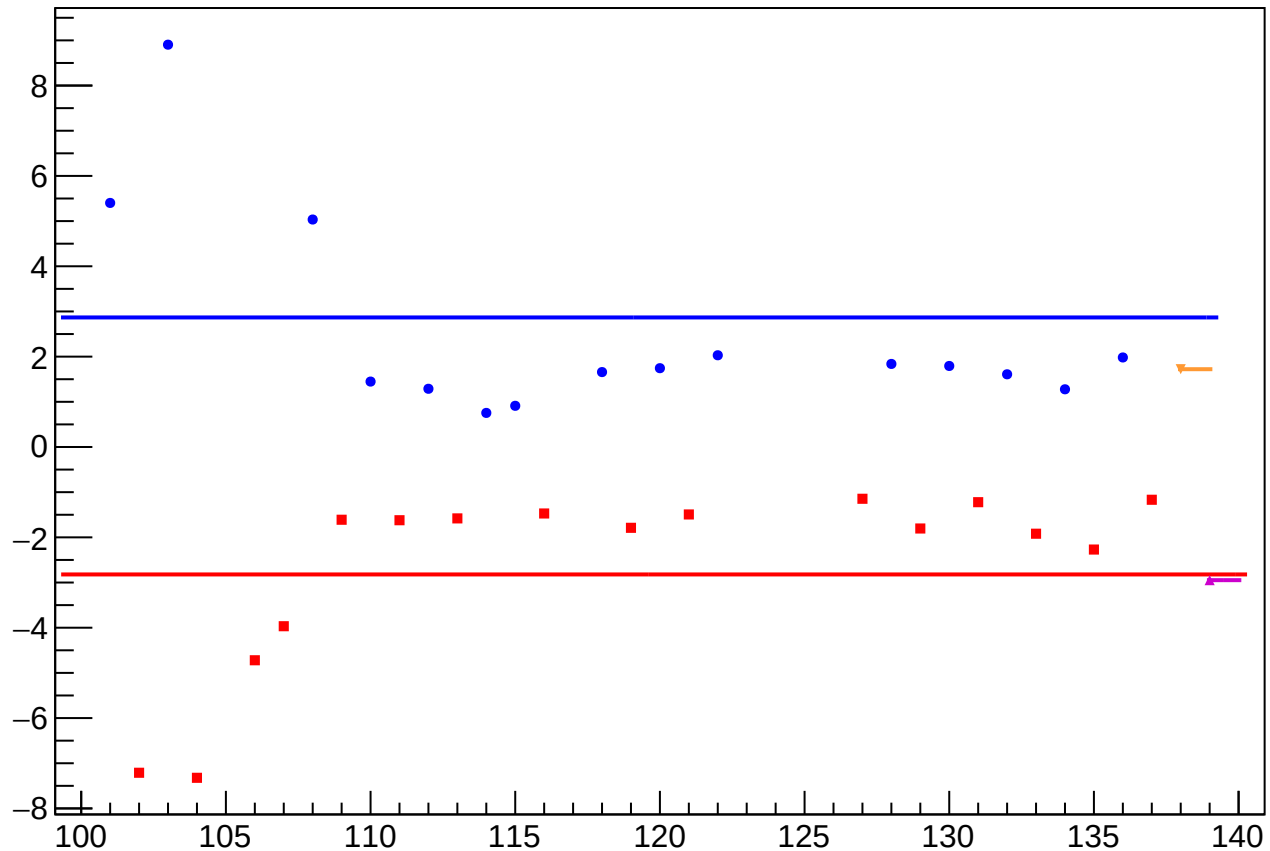
Right: -2.265+/-0.000 χ^2/NDF : 1939933040270060

In: -24.108+/-0.000 χ^2/NDF : 11583706373919587

Out: 22.351+/-0.000 χ^2/NDF : 66724642954687925

All: -0.642+/-0.000 χ^2/NDF : 2621465116394

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: -2.948+/-0.000

χ^2/NDF : 0.0/0

Left: -0.657+/-0.000 χ^2/NDF : 86635057287845912

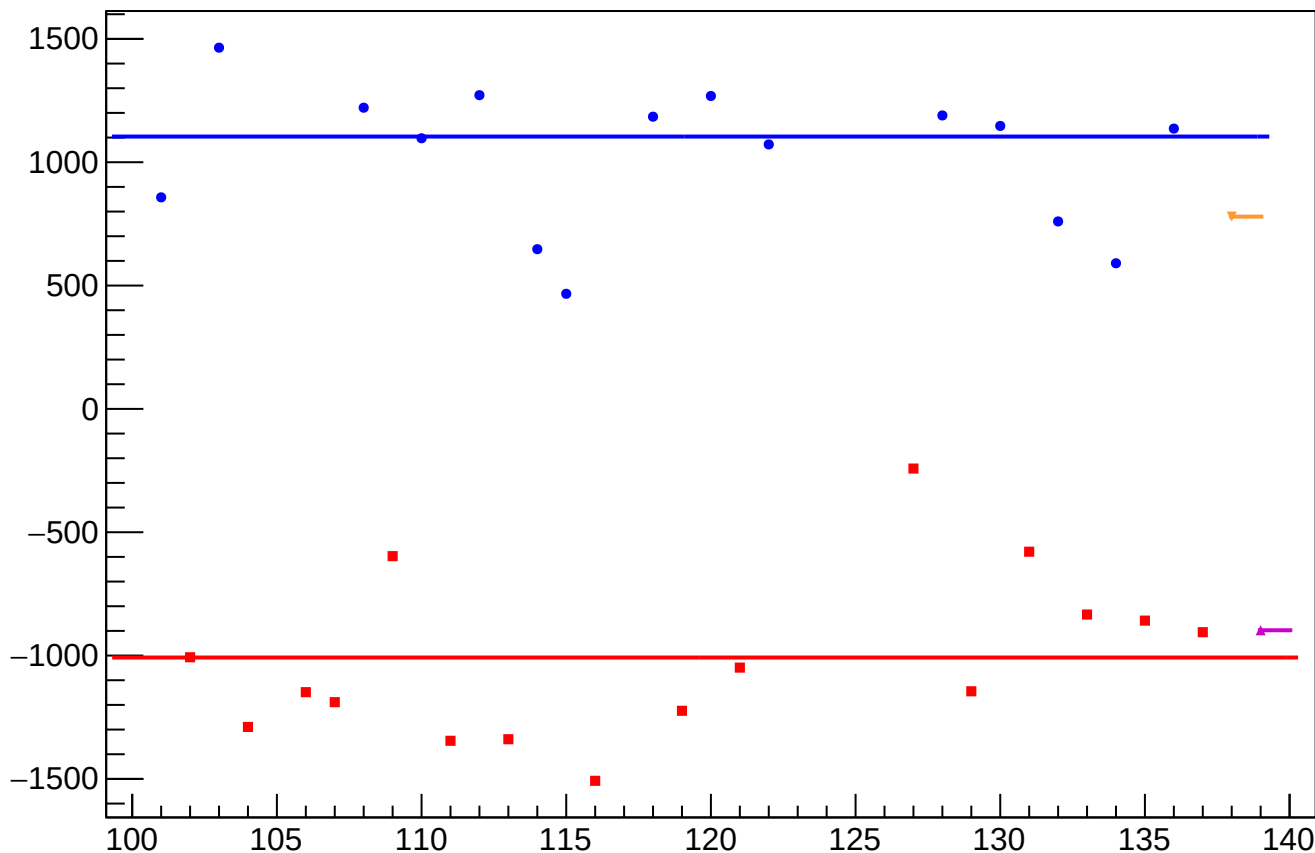
Right: -0.016+/-0.000 χ^2/NDF : 1715222089110172

In: 2.222+/-0.000 χ^2/NDF : 5890486572713906996

Out: -2.345+/-0.000 χ^2/NDF : 44941121392867415

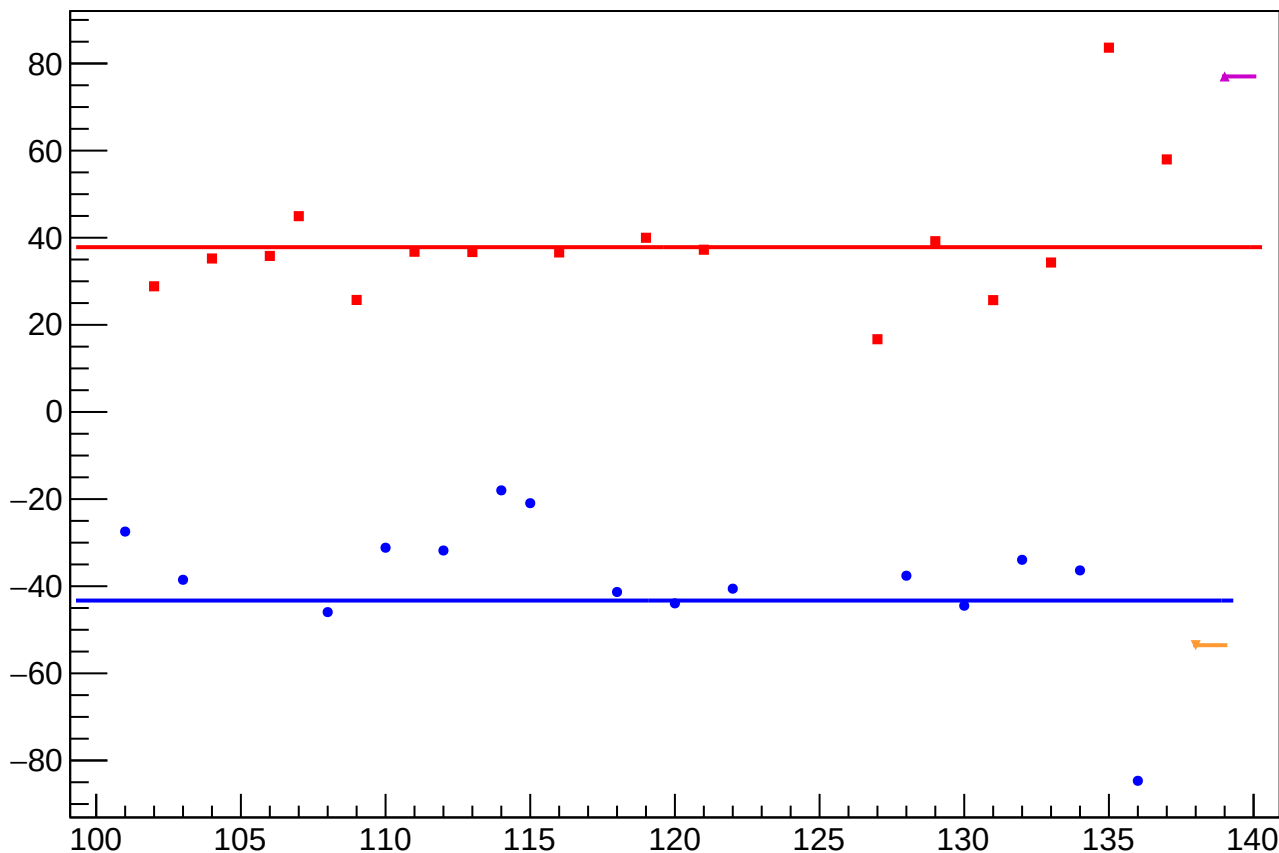
All: -0.085+/-0.000 χ^2/NDF : 1807689758522

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: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 21.969+/-0.000 χ^2/NDF : 1682487417124

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: -43.289 +/- 0.000

χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -53.539 +/- 0.000

χ^2/NDF : 0.0/0

Right Out: 37.832 +/- 0.000

χ^2/NDF : 148683933977204936634636843897323520.0/15

Left In: 77.028 +/- 0.000

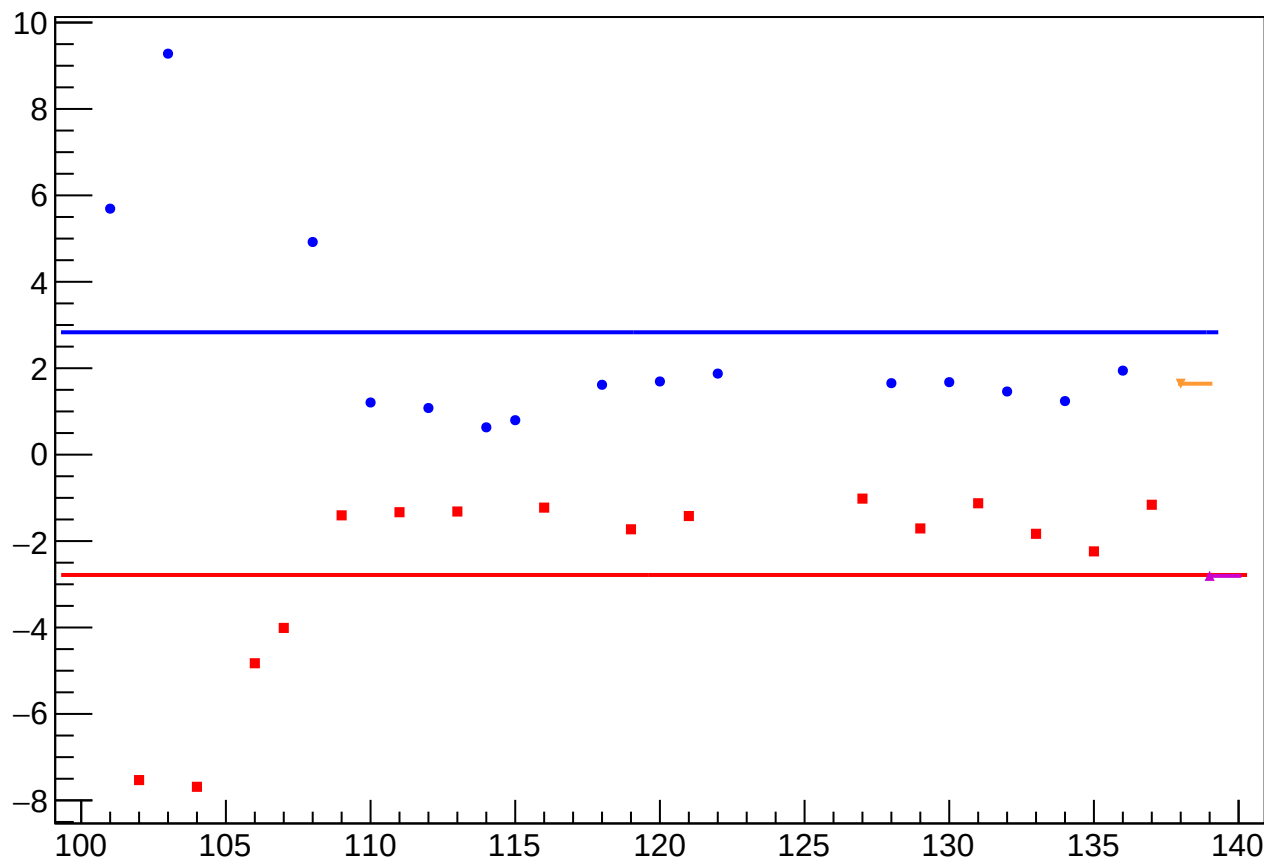
χ^2/NDF : 0.0/0

In: -29.939 +/- 0.000 χ^2/NDF : 12418134550243463

Out: 28.266 +/- 0.000 χ^2/NDF : 73170390576140180

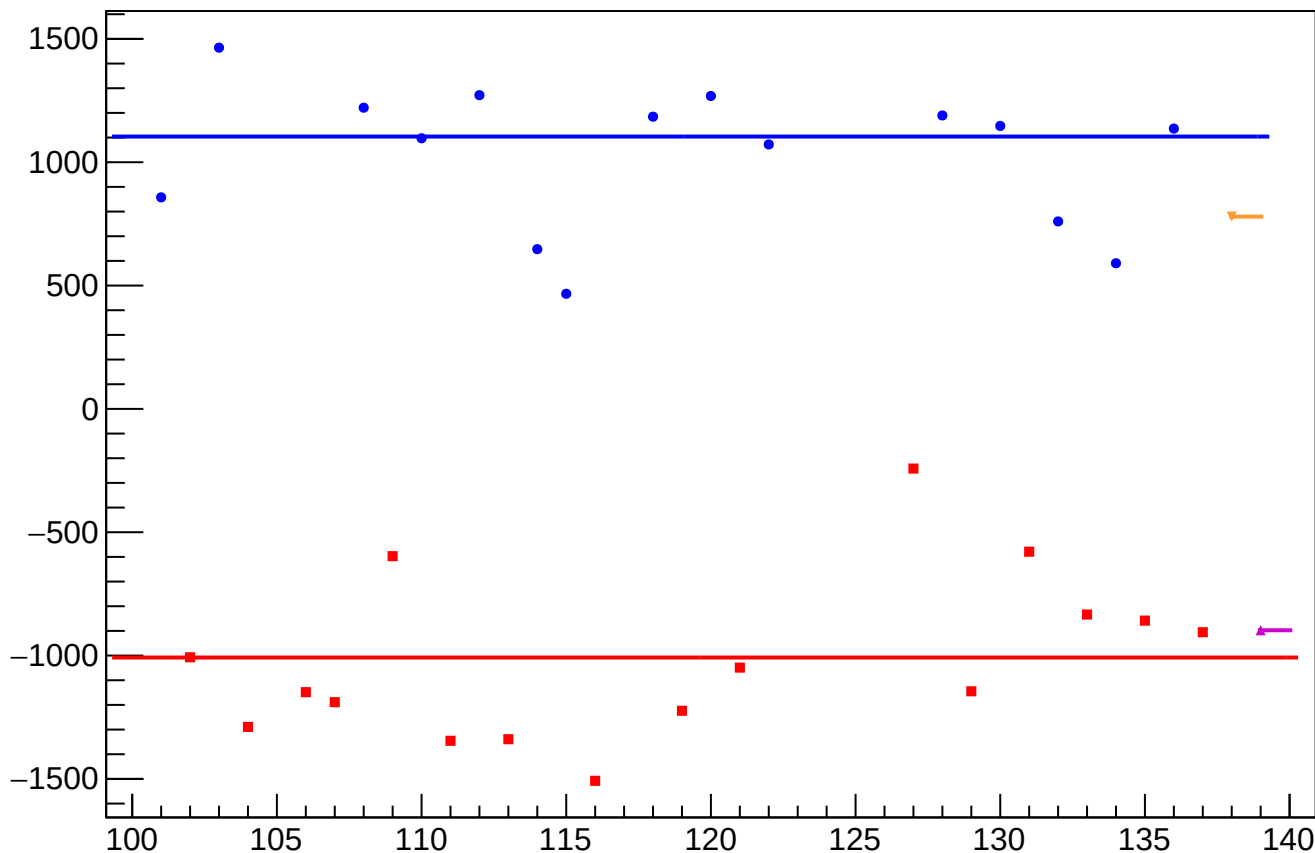
All: -0.541 +/- 0.000 χ^2/NDF : 3222652765097

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.832+/-0.000	χ^2/NDF : 3957672531929017328512564323155968.0/14	Left: -0.623+/-0.000	χ^2/NDF : 78565314028782018
Left Out: 1.642+/-0.000	χ^2/NDF : 0.0/0	Right: -0.015+/-0.000	χ^2/NDF : 1792170452533502
Right Out: -2.784+/-0.000	χ^2/NDF : 3589544956108116898091236897849344.0/15	In: 2.206+/-0.000	χ^2/NDF : 6245557251412559208
Left In: -2.805+/-0.000	χ^2/NDF : 0.0/0	Out: -2.321+/-0.000	χ^2/NDF : 49575430067865184
		All: -0.080+/-0.000	χ^2/NDF : 1875994023868

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: -897.407+/-0.000

χ^2/NDF : 0.0/0

In: 882.025+/-0.000

χ^2/NDF : 32122468157986984

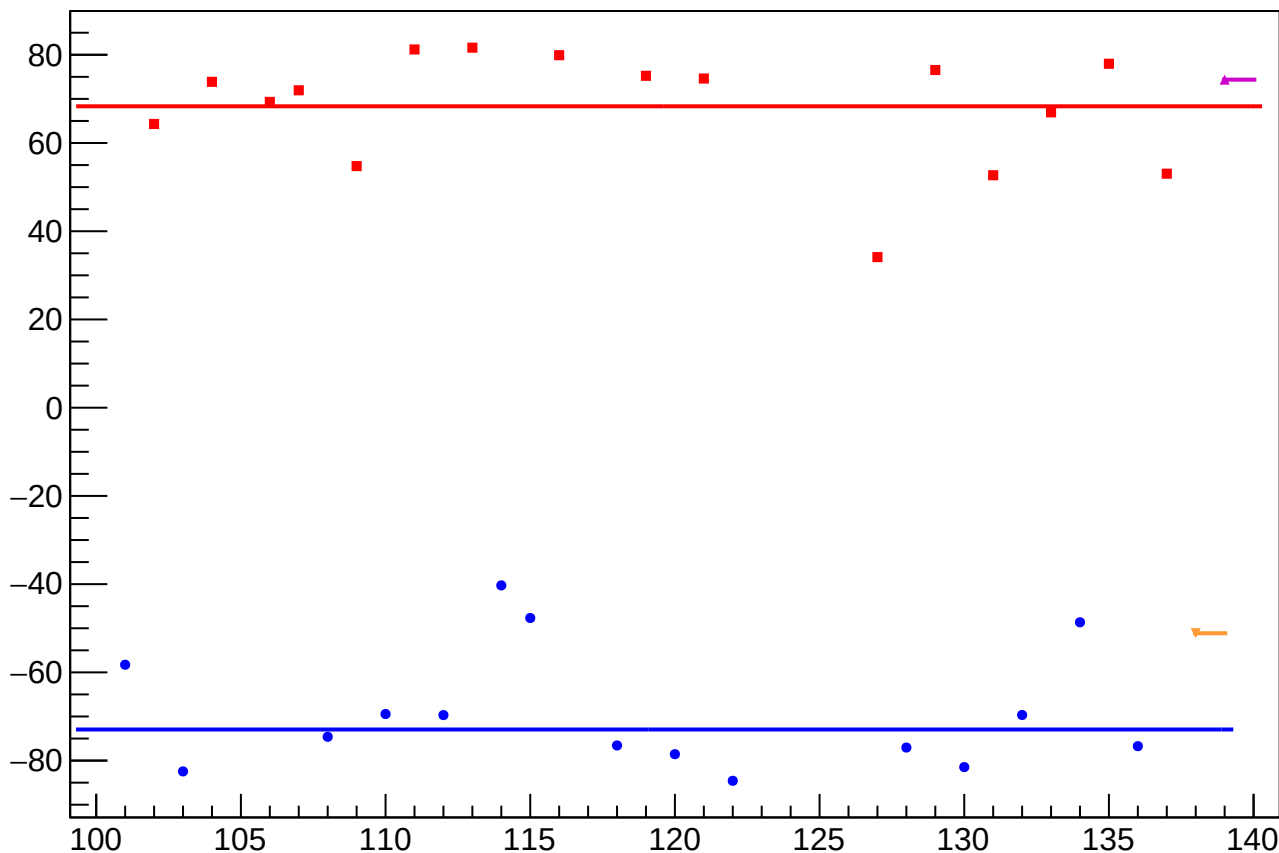
Out: -820.769+/-0.000

χ^2/NDF : 292180223763152

All: 21.969+/-0.000

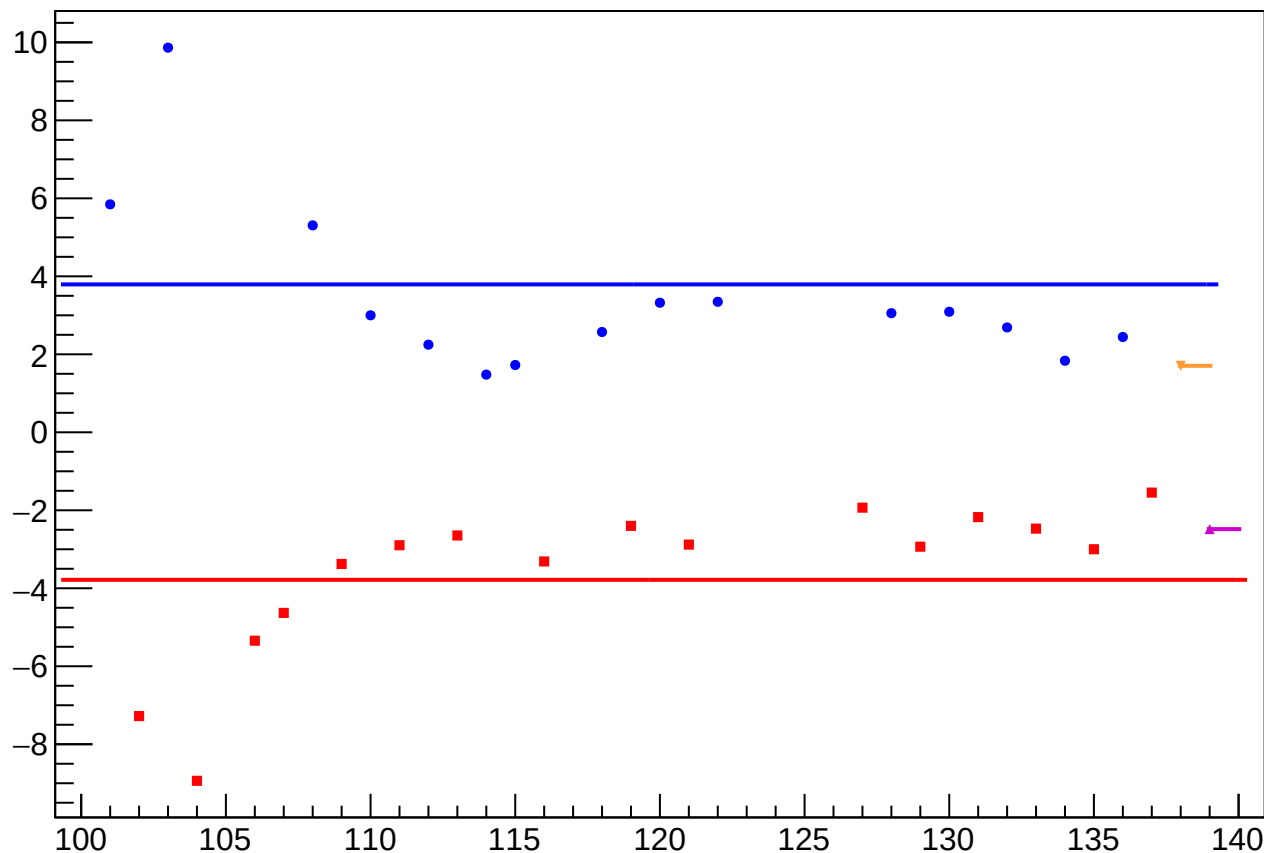
χ^2/NDF : 1682487417124

dit_11X12X_coil3_mean vs Slug, Sign Corrected



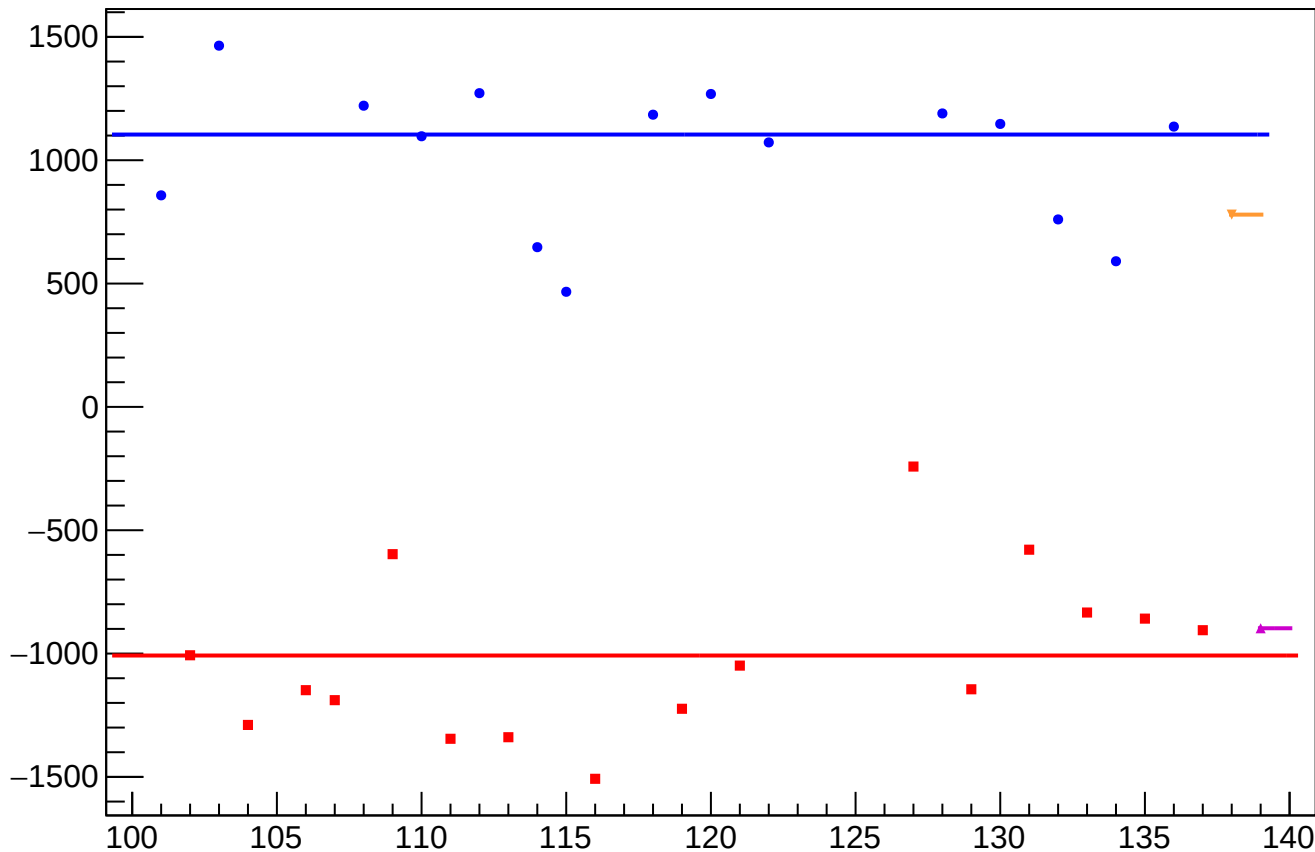
Right In: -72.949 ± 0.000 $\chi^2/\text{NDF}: 65755428464857980306879126291087360.0/14$
 Left Out: -51.128 ± 0.000 $\chi^2/\text{NDF}: 3938.0/0$
 Right Out: 68.324 ± 0.000 $\chi^2/\text{NDF}: 106694344898202364483367131372584960.0/15$
 Left In: 74.367 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.179 ± 0.000 $\chi^2/\text{NDF}: 73915946107221$

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



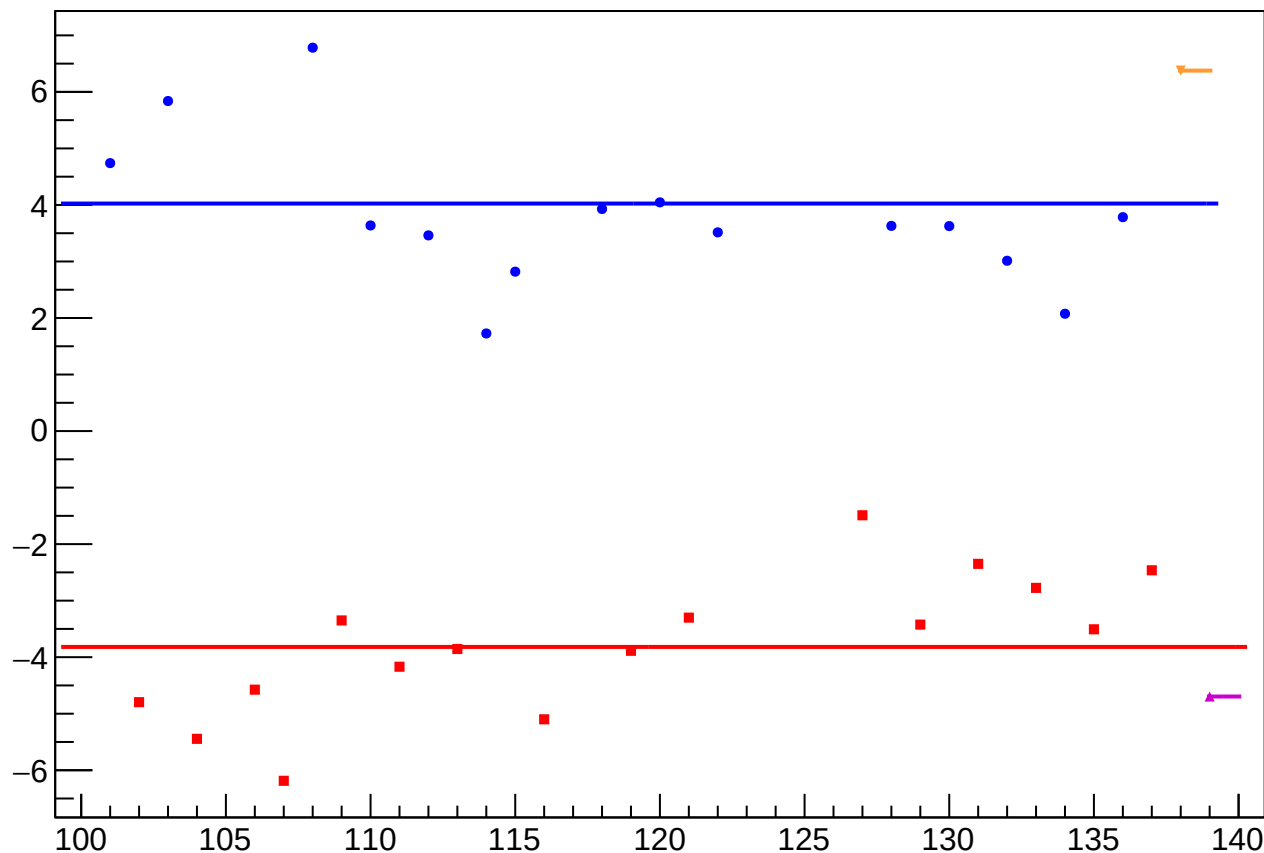
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 1.705+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: -2.483+/-0.000 χ^2/NDF : 0.0/0
 In: 3.097+/-0.000 χ^2/NDF : 6041365422626509043
 Out: -3.209+/-0.000 χ^2/NDF : 49821389979483065
 All: -0.088+/-0.000 χ^2/NDF : 2568119638697

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: -74.780+/-0.000	χ^2/NDF : 1117362322528623
Left Out: 779.487+/-0.000	χ^2/NDF : 1008126.4/0	Right: 33.659+/-0.000	χ^2/NDF : 1569083056347410
Right Out: -1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	In: 882.025+/-0.000	χ^2/NDF : 32122468157986984
Left In: -897.407+/-0.000	χ^2/NDF : 0.0/0	Out: -820.769+/-0.000	χ^2/NDF : 292180223763152
		All: 21.969+/-0.000	χ^2/NDF : 1682487417124

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: -4.696+/-0.000

χ^2/NDF : 0.0/0

In: 3.057+/-0.000

χ^2/NDF : 624575143397671475

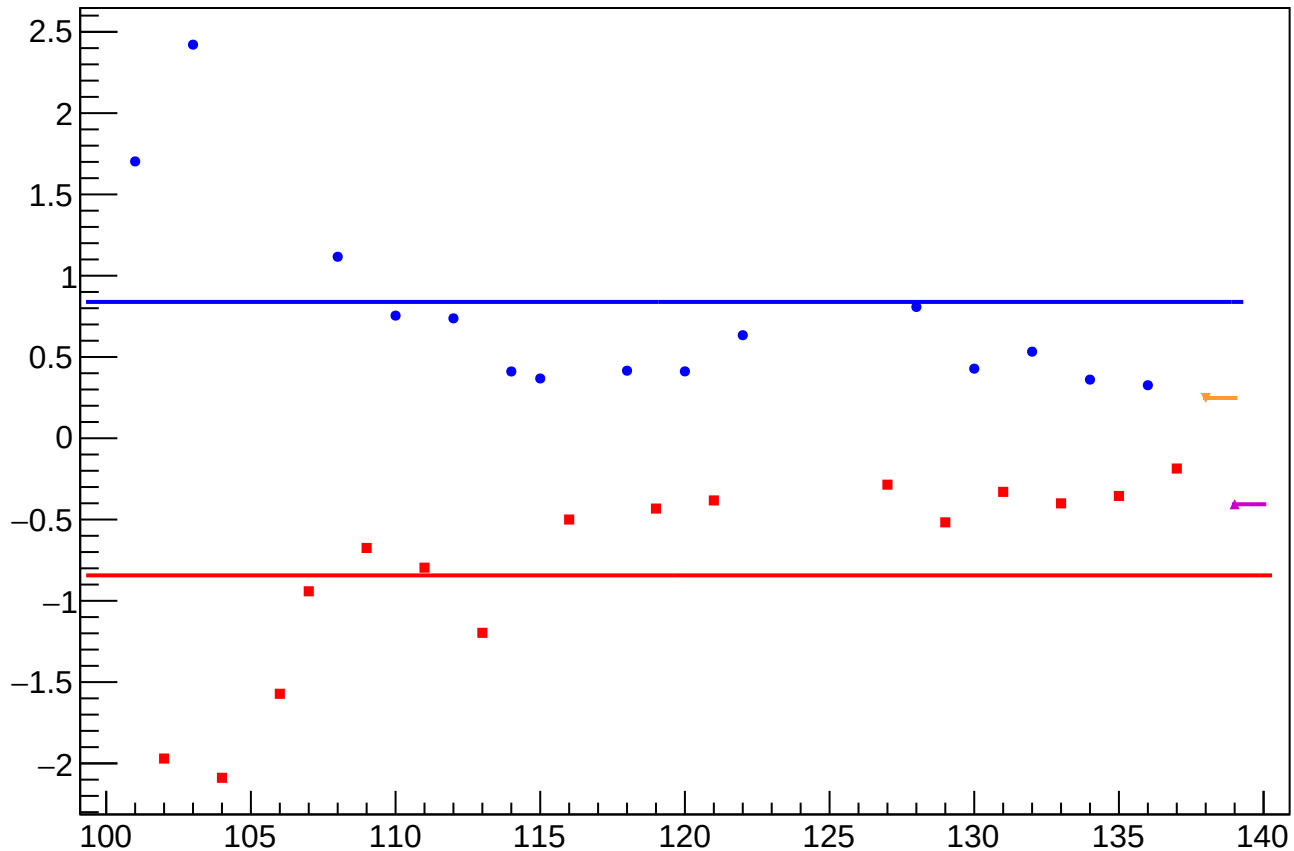
Out: -2.751+/-0.000

χ^2/NDF : 81467108670970576

All: 0.123+/-0.000

χ^2/NDF : 26831283867057

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.839+/-0.000

χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.248+/-0.000

χ^2/NDF : 0.0/0

Right Out: -0.844+/-0.000

χ^2/NDF : 252917509393432760240648918925312.0/15

Left In: -0.406+/-0.000

χ^2/NDF : 0.0/0

In: 0.701+/-0.000

χ^2/NDF : 3699754337602676100

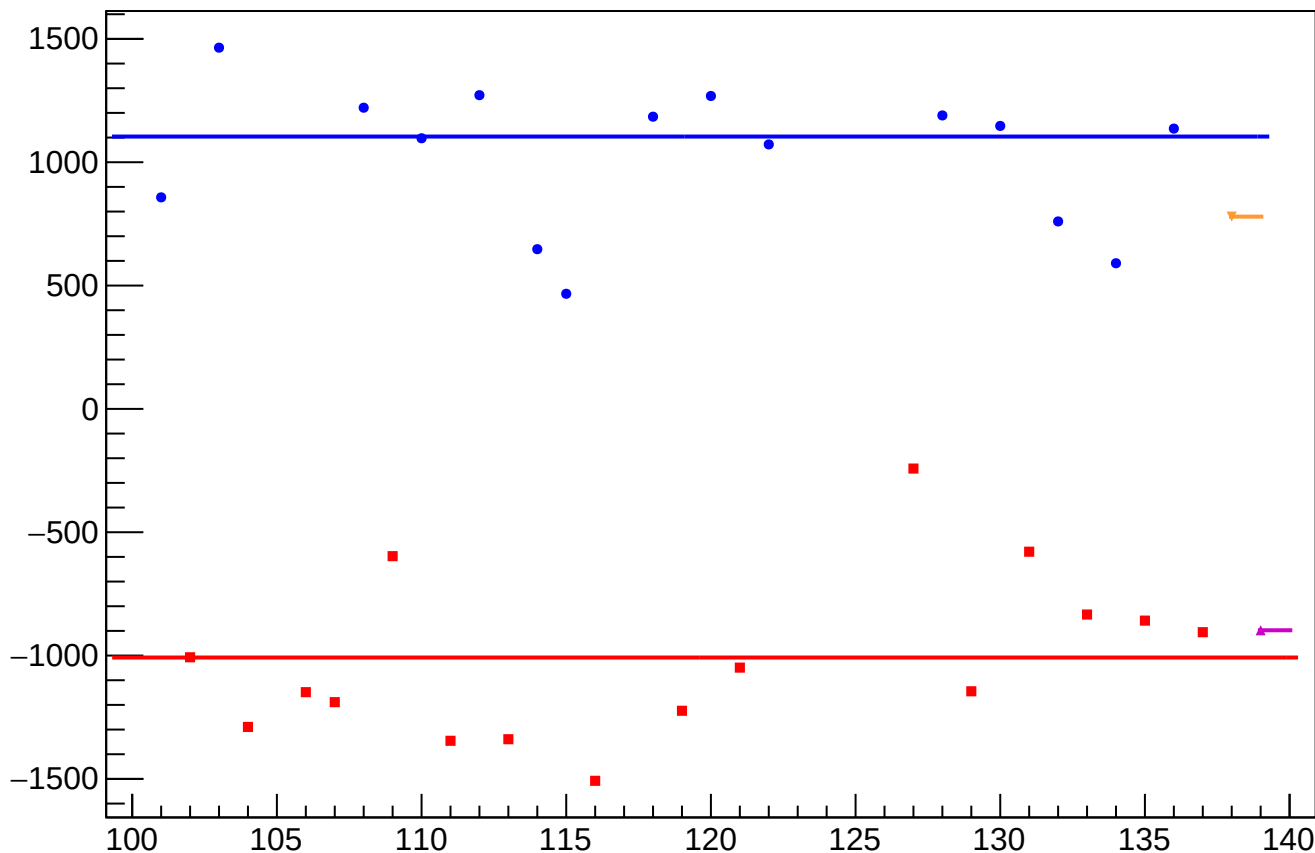
Out: -0.729+/-0.000

χ^2/NDF : 33609208187121444

All: -0.022+/-0.000

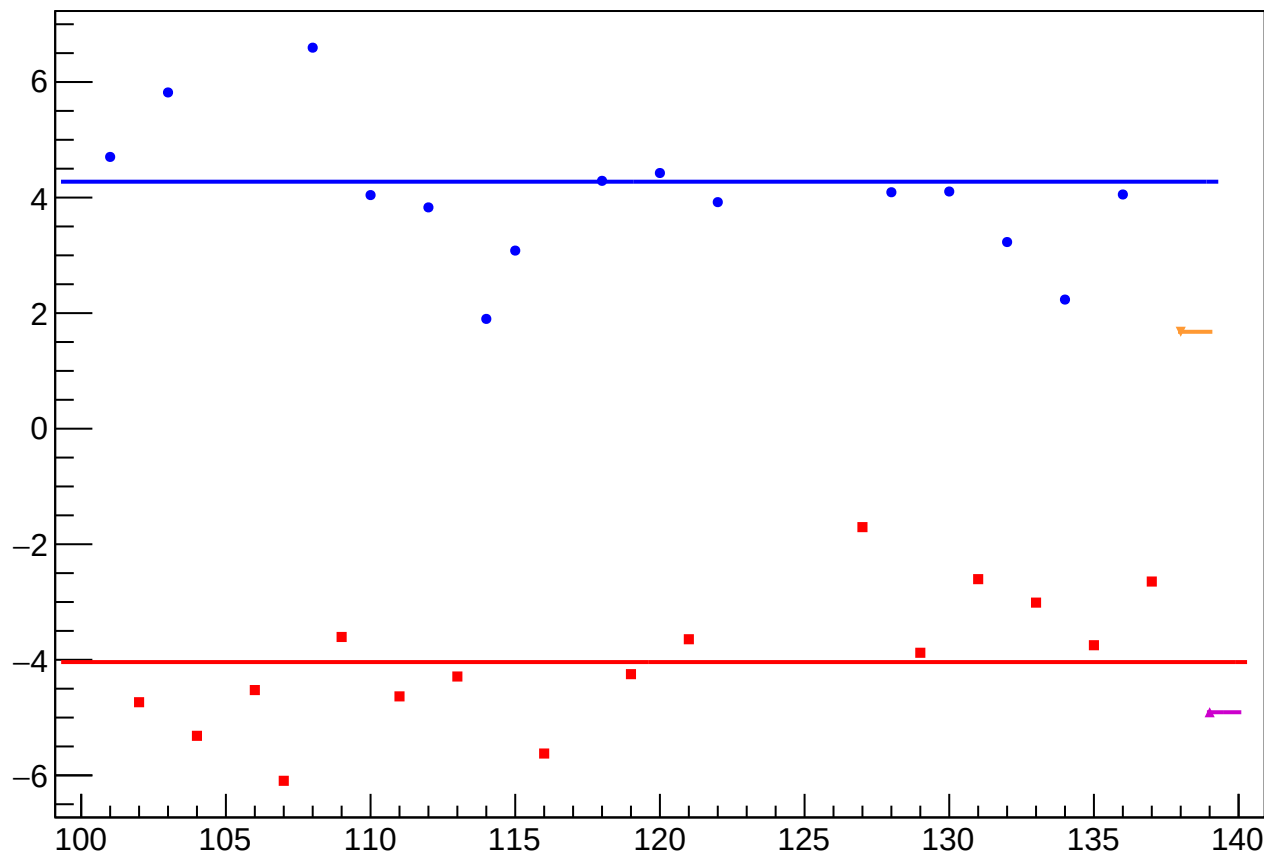
χ^2/NDF : 1459910913547

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



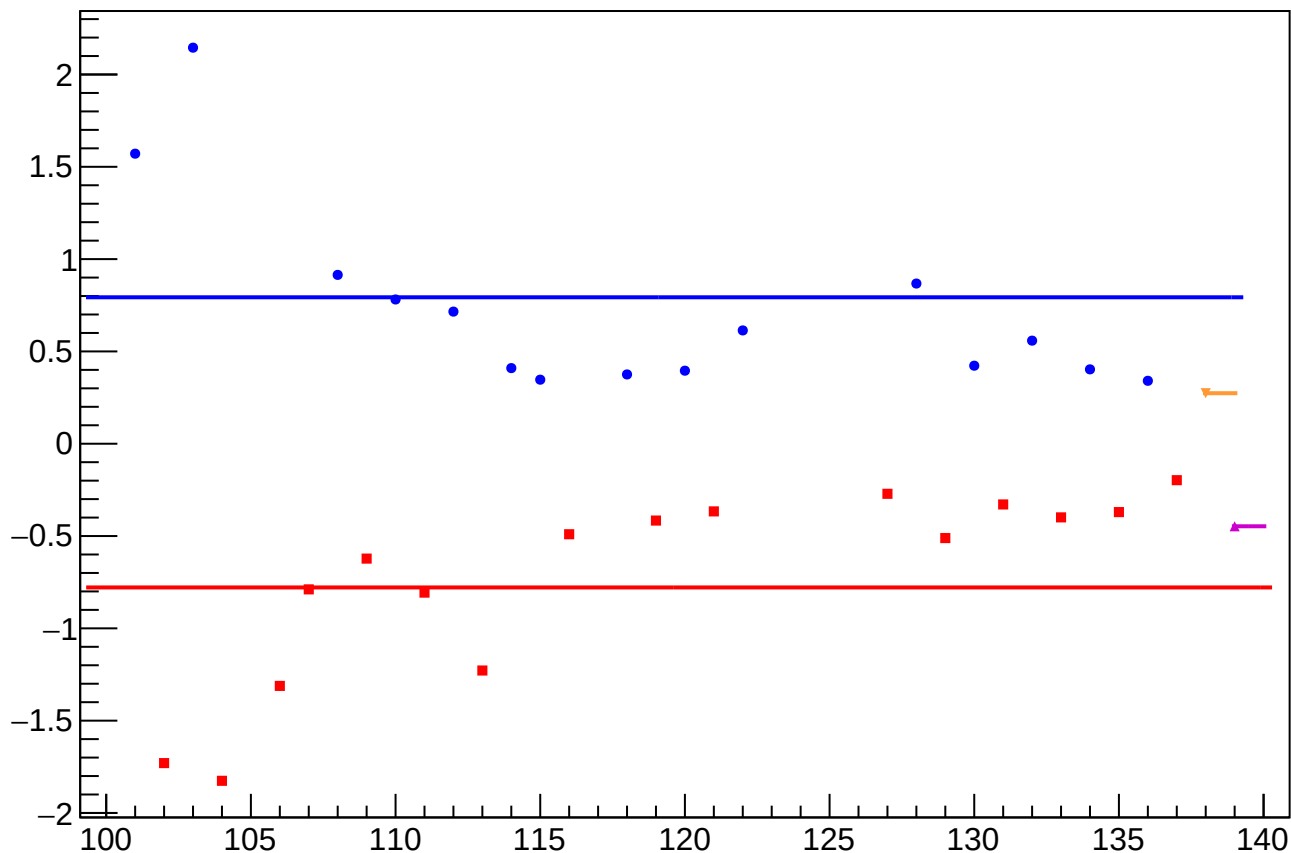
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left: -74.780+/-0.000 χ^2/NDF : 1117362322528623
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 In: 882.025+/-0.000 χ^2/NDF : 32122468157986984
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 21.969+/-0.000 χ^2/NDF : 1682487417124

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: -4.908+/-0.000 χ^2/NDF : 0.0/0
 In: 3.256+/-0.000 χ^2/NDF : 6669193778123644867.0/14
 Out: -3.441+/-0.000 χ^2/NDF : 30543750477105976.0/14
 All: -0.127+/-0.000 χ^2/NDF : 2625966141709.0/14

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.793+/-0.000

χ^2/NDF : 195508777173589483440314700005376.0/14

Left Out: 0.274+/-0.000

χ^2/NDF : 0.2/0

Right Out: -0.778+/-0.000

χ^2/NDF : 185814635772183306063903690063872.0/15

Left In: -0.447+/-0.000

χ^2/NDF : 0.0/0

Left: -0.094+/-0.000

χ^2/NDF : 20645375723643322

Right: -0.003+/-0.000

χ^2/NDF : 1193841006449656

In: 0.656+/-0.000

χ^2/NDF : 3063031044978852563

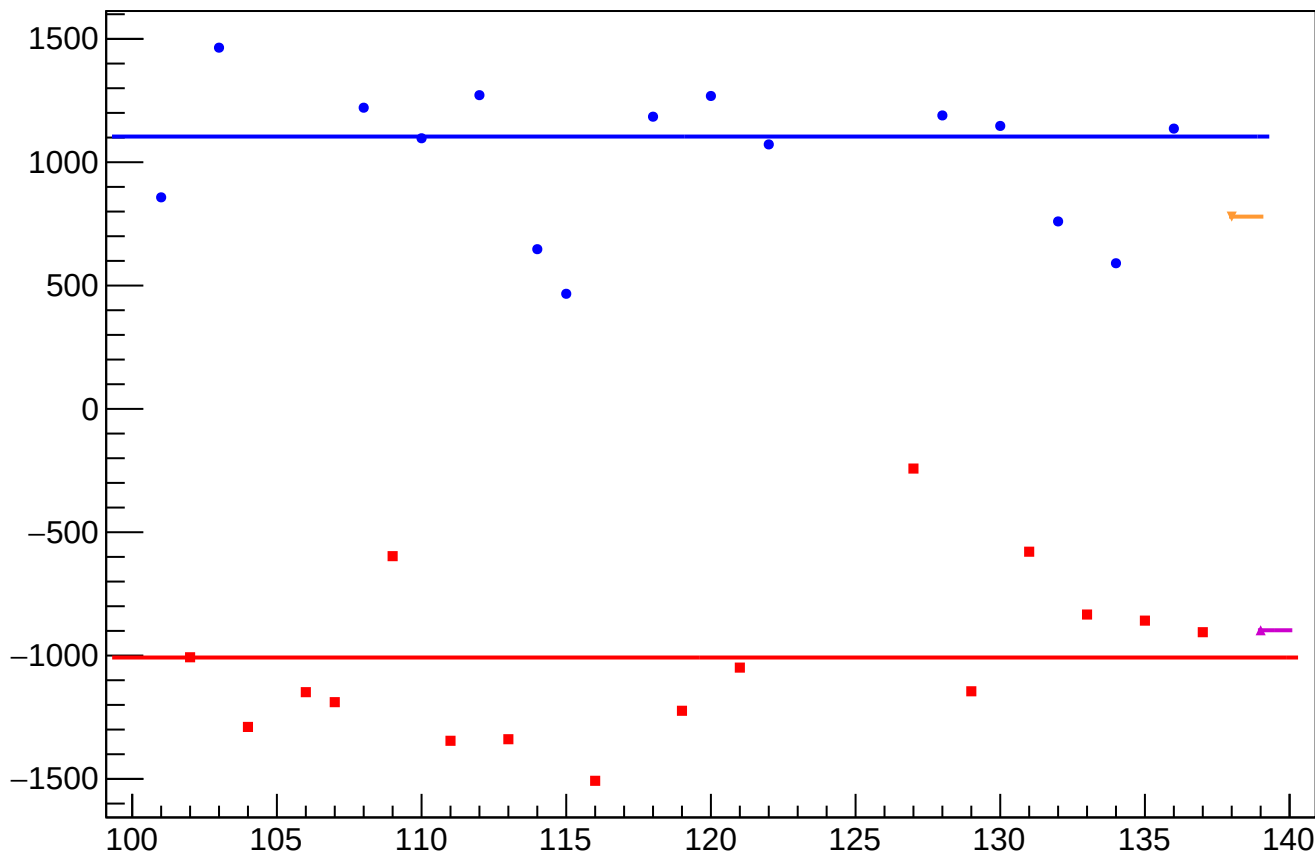
Out: -0.668+/-0.000

χ^2/NDF : 26311278133782853

All: -0.013+/-0.000

χ^2/NDF : 1215640512260

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left: -74.780+/-0.000 χ^2/NDF : 1117362322528623

Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0

Right Out: -1007.906+/-0.000

χ^2/NDF : 69077878009873965622695939627477368832.0/15

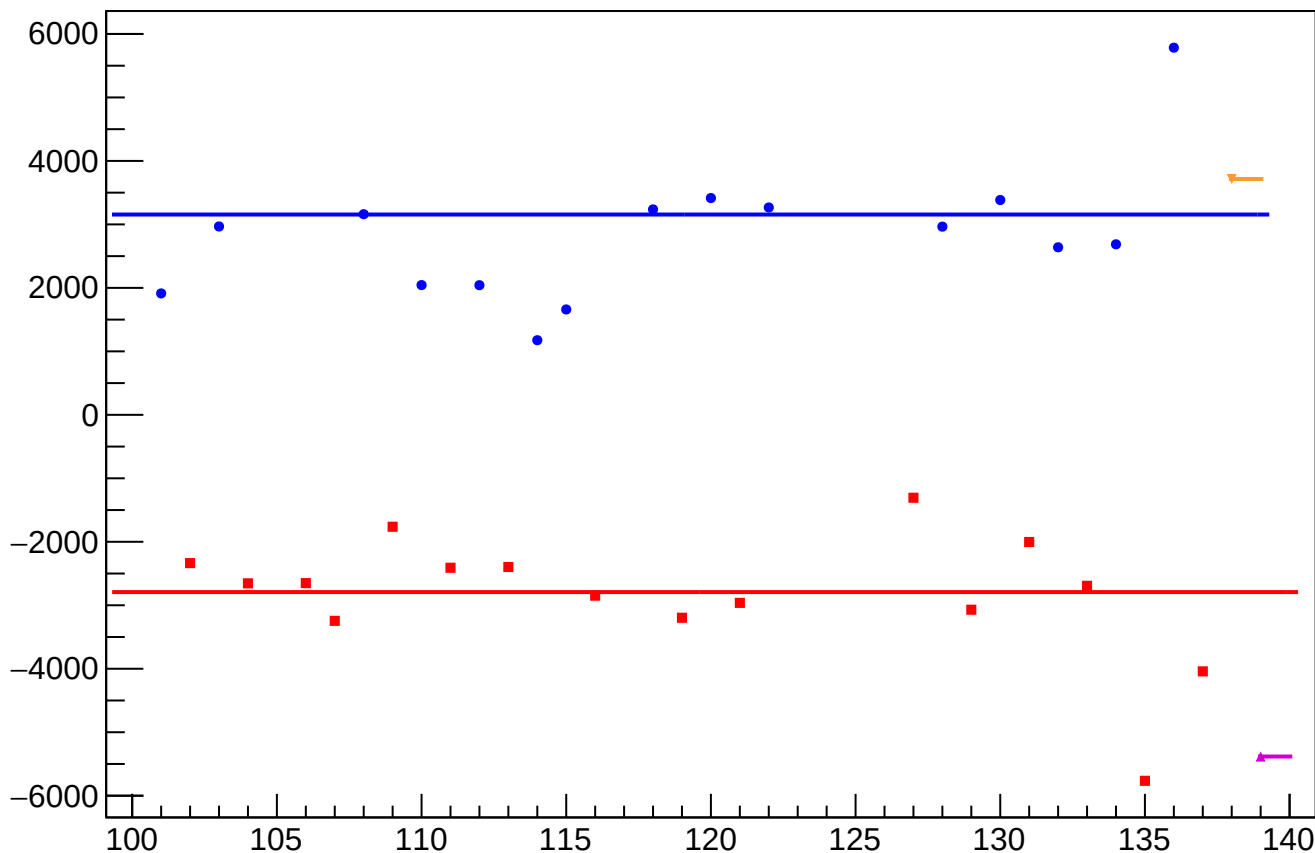
In: 882.025+/-0.000 χ^2/NDF : 32122468157986984

Out: -820.769+/-0.000 χ^2/NDF : 292180223763152

Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0

All: 21.969+/-0.000 χ^2/NDF : 1682487417124

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: -5382.902+/-0.000

χ^2/NDF : 0.0/0

In: 2208.030+/-0.000

χ^2/NDF : 6153478244134310

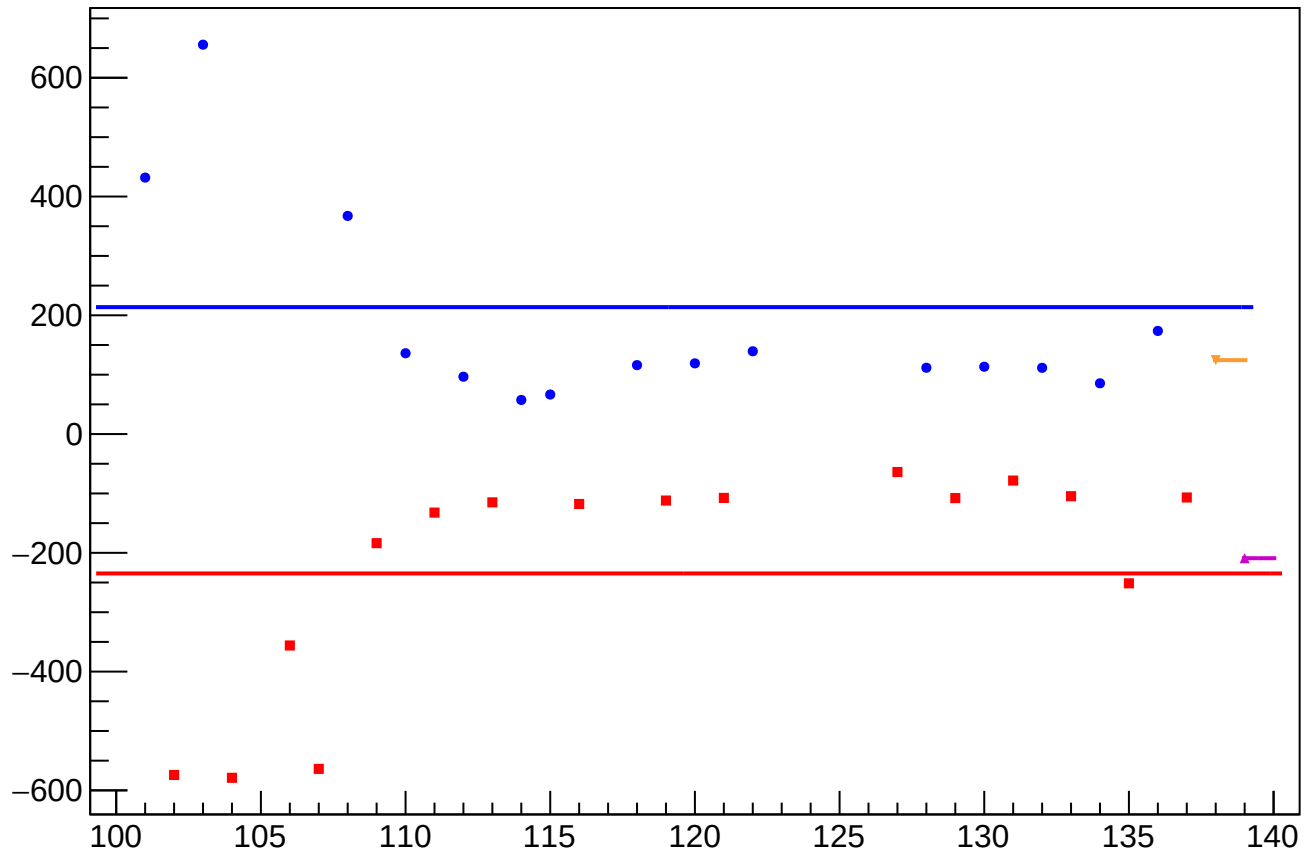
Out: -2110.938+/-0.000

χ^2/NDF : 36317824137475

All: 26.585+/-0.000

χ^2/NDF : 1666302178629

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: -209.062+/-0.000

χ^2/NDF : 0.0/0

Left: -45.425+/-0.000 χ^2/NDF : 4421347563877346

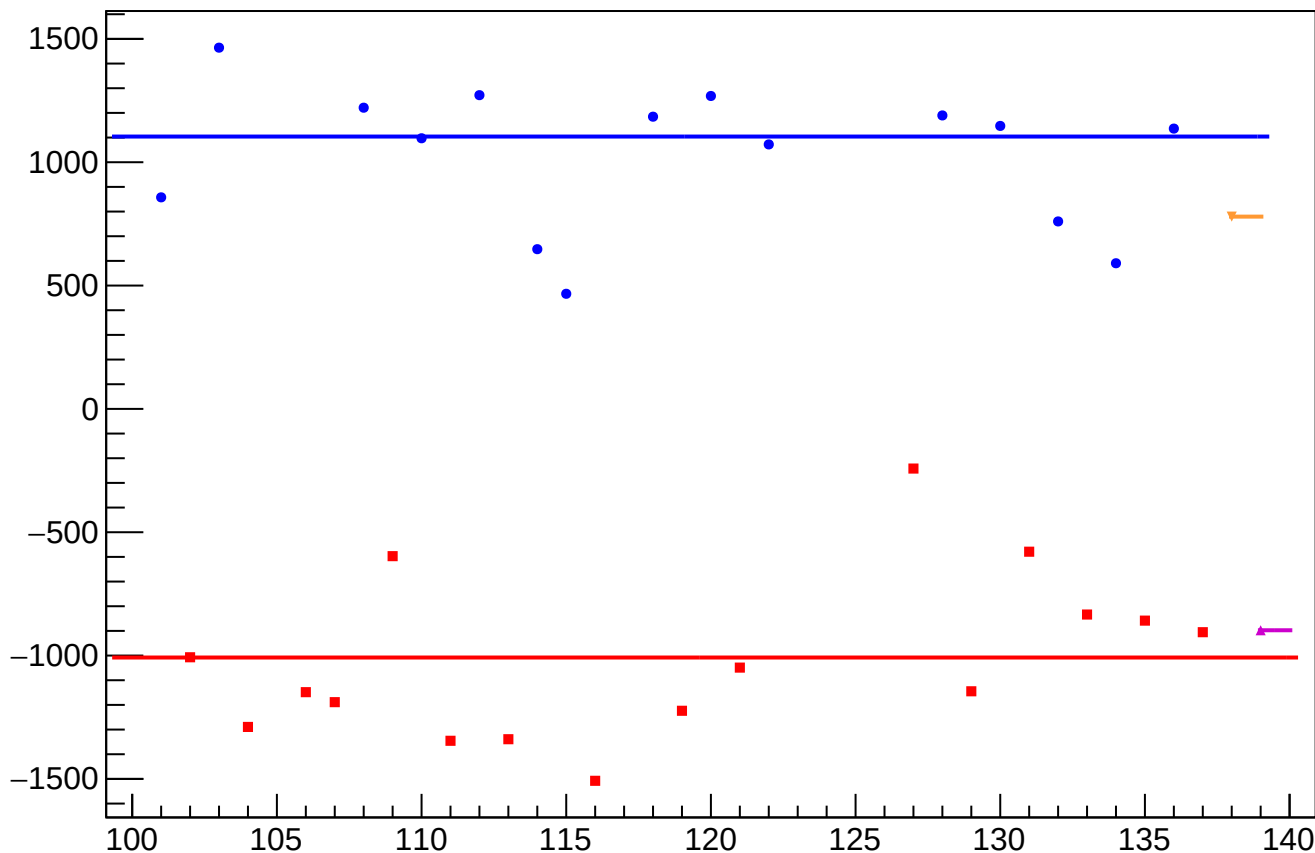
Right: -13.554+/-0.000 χ^2/NDF : 109883652295878

In: 166.825+/-0.000 χ^2/NDF : 32591130337232920

Out: -197.103+/-0.000 χ^2/NDF : 330243582819295

All: -16.989+/-0.000 χ^2/NDF : 114449095155

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left: -74.780+/-0.000 χ^2/NDF : 1117362322528623

Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410

Left Out: 779.487+/-0.000 χ^2/NDF :1008126.4/0

Right Out: -1007.906+/-0.000

χ^2/NDF : 69077878009873965622695939627477368832.0/15

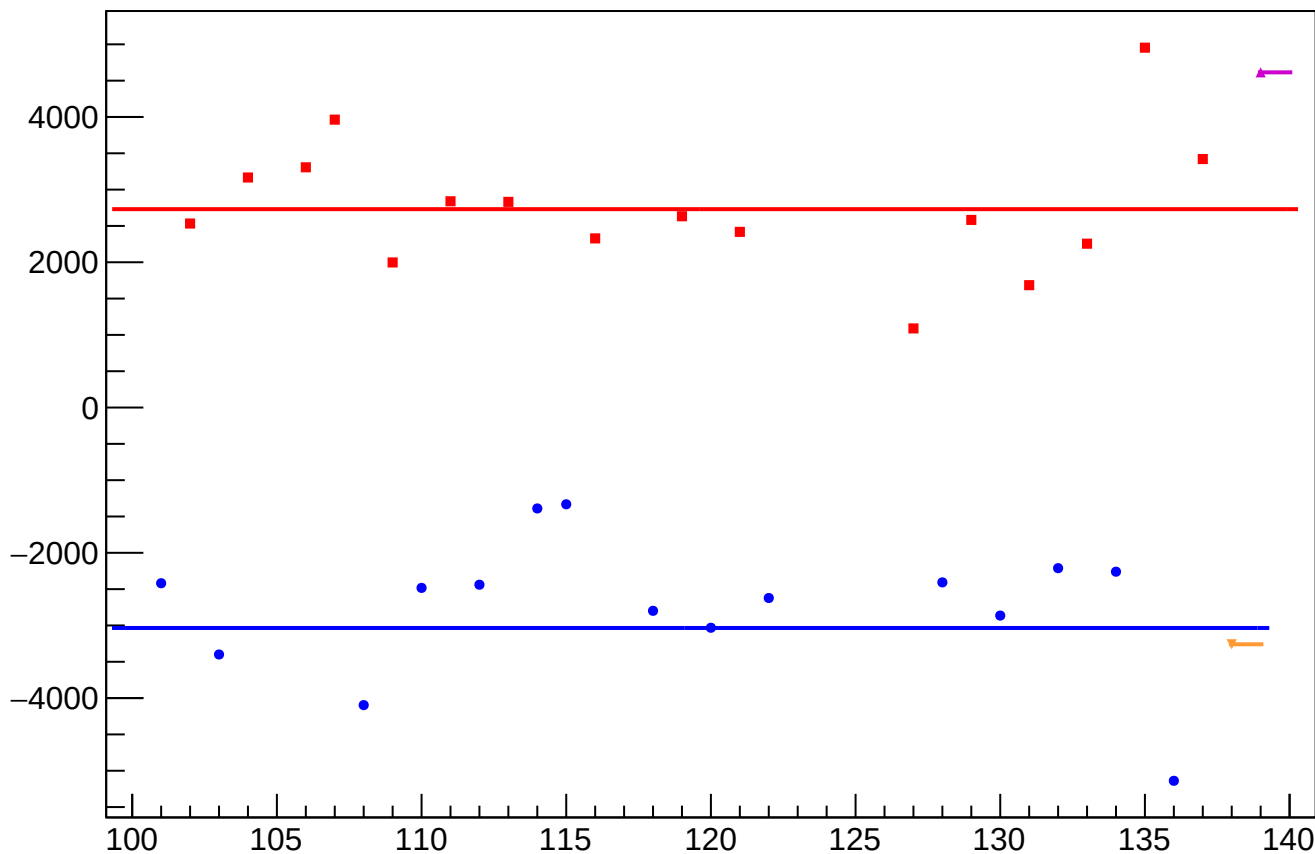
In: 882.025+/-0.000 χ^2/NDF :32122468157986984

Out: -820.769+/-0.000 χ^2/NDF :292180223763152

Left In: -897.407+/-0.000 χ^2/NDF :0.0/0

All: 21.969+/-0.000 χ^2/NDF : 1682487417124

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: 4614.299+/-0.000

χ^2/NDF : 630694553353463868547335175090919702528.0/14

χ^2/NDF : 16130021.9/0

χ^2/NDF : 528290847703567991555694629239211950080.0/15

χ^2/NDF : 67001629.6/0

Left: 751.867+/-0.000 χ^2/NDF : 2463254098801330

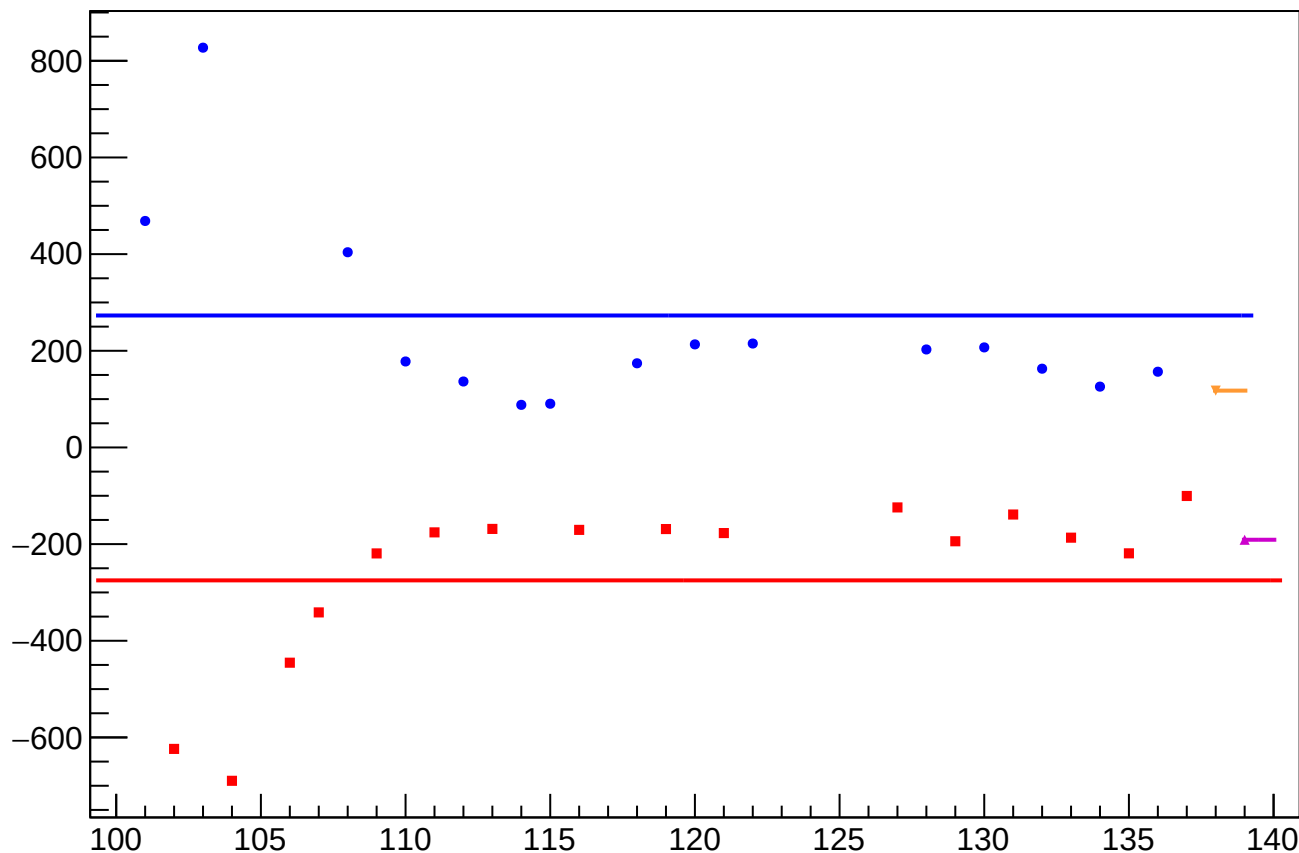
Right: -112.316+/-0.000 χ^2/NDF : 12093460154256

In: -2185.822+/-0.000 χ^2/NDF : 484374245439714

Out: 2103.878+/-0.000 χ^2/NDF : 303405556074969

All: -19.160+/-0.000 χ^2/NDF : 146626572418

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: -190.988+/-0.000

χ^2/NDF : 0.0/0

In: 221.551+/-0.000

χ^2/NDF : 41991650395714329

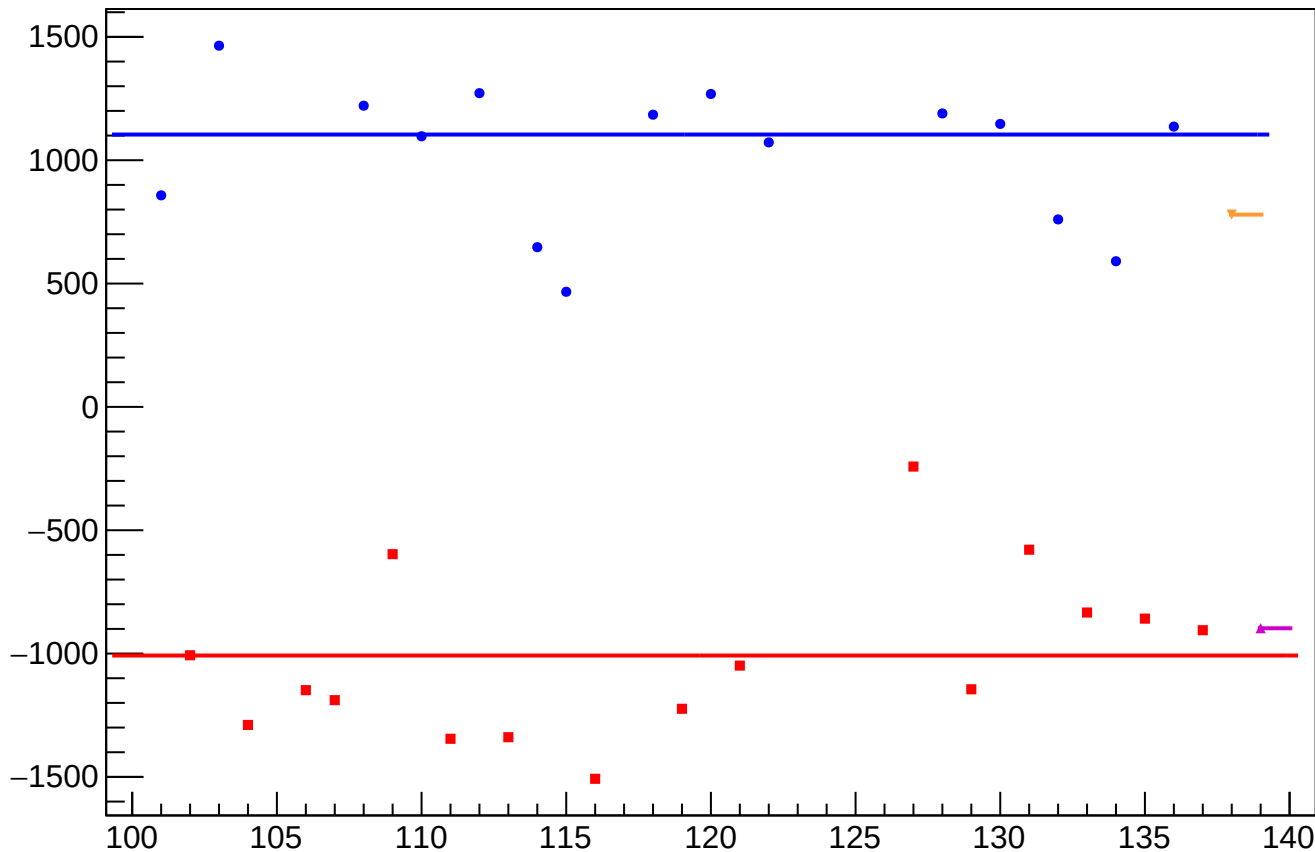
Out: -233.936+/-0.000

χ^2/NDF : 330302075665925

All: -8.509+/-0.000

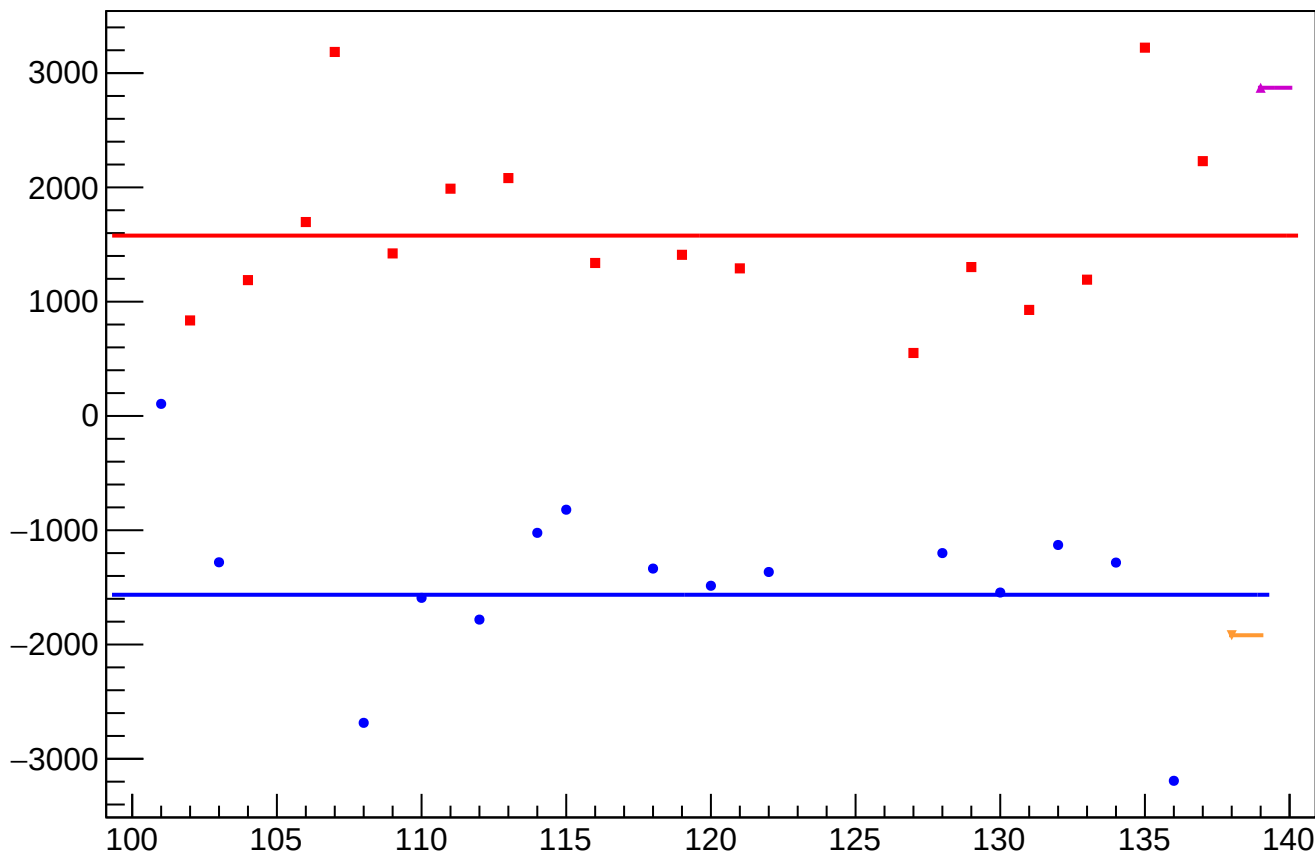
χ^2/NDF : 1515178213743

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: -897.407 ± 0.000 χ^2/NDF : 0.0/0
 In: 882.025 ± 0.000 χ^2/NDF : 32122468157986984
 Out: -820.769 ± 0.000 χ^2/NDF : 292180223763152
 All: 21.969 ± 0.000 χ^2/NDF : 1682487417124

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000

Left Out: -1918.801+/-0.000

Right Out: 1578.178+/-0.000

Left In: 2871.822+/-0.000

χ^2/NDF : 483874800978571042578975757029039144960.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 368450572556217564071963203581098590208.0/15

χ^2/NDF : 0.0/0

Left: 521.705+/-0.000 χ^2/NDF : 9119403771443530

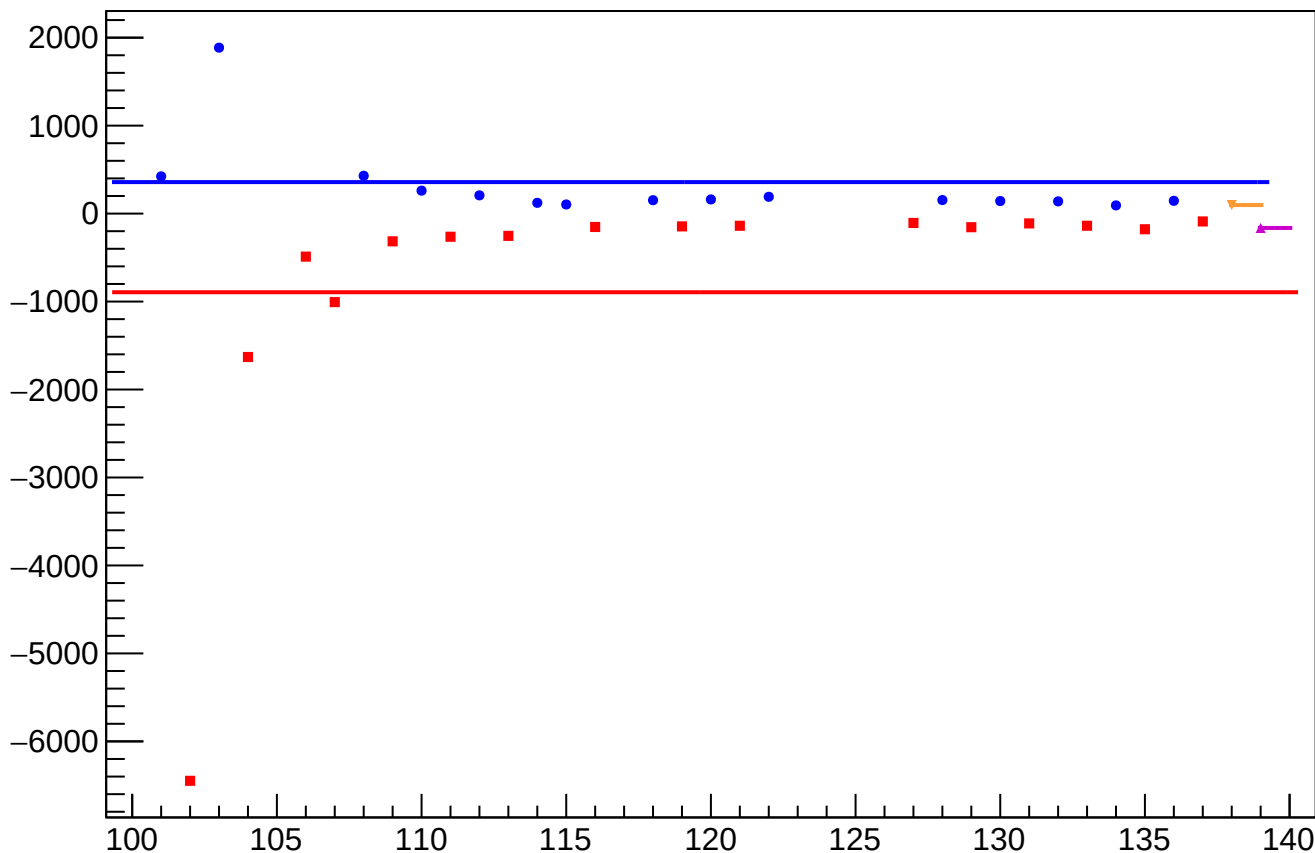
Right: 28.285+/-0.000 χ^2/NDF : 4101258280925694

In: -1072.335+/-0.000 χ^2/NDF : 190120667139102

Out: 1212.051+/-0.000 χ^2/NDF : 122243559111536

All: 81.474+/-0.000 χ^2/NDF : 5047736483385

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 358.080+/-0.000

χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left: -35.451+/-0.000 χ^2/NDF : 2693390535354752

Right: -276.471+/-0.000 χ^2/NDF : 27494361834519

Left Out: 97.181+/-0.000

χ^2/NDF : 0.0/0

Right Out: -893.897+/-0.000

χ^2/NDF : 2075920155774201043572695656797803905024.0/15

In: 300.243+/-0.000 χ^2/NDF : 17748863764908560

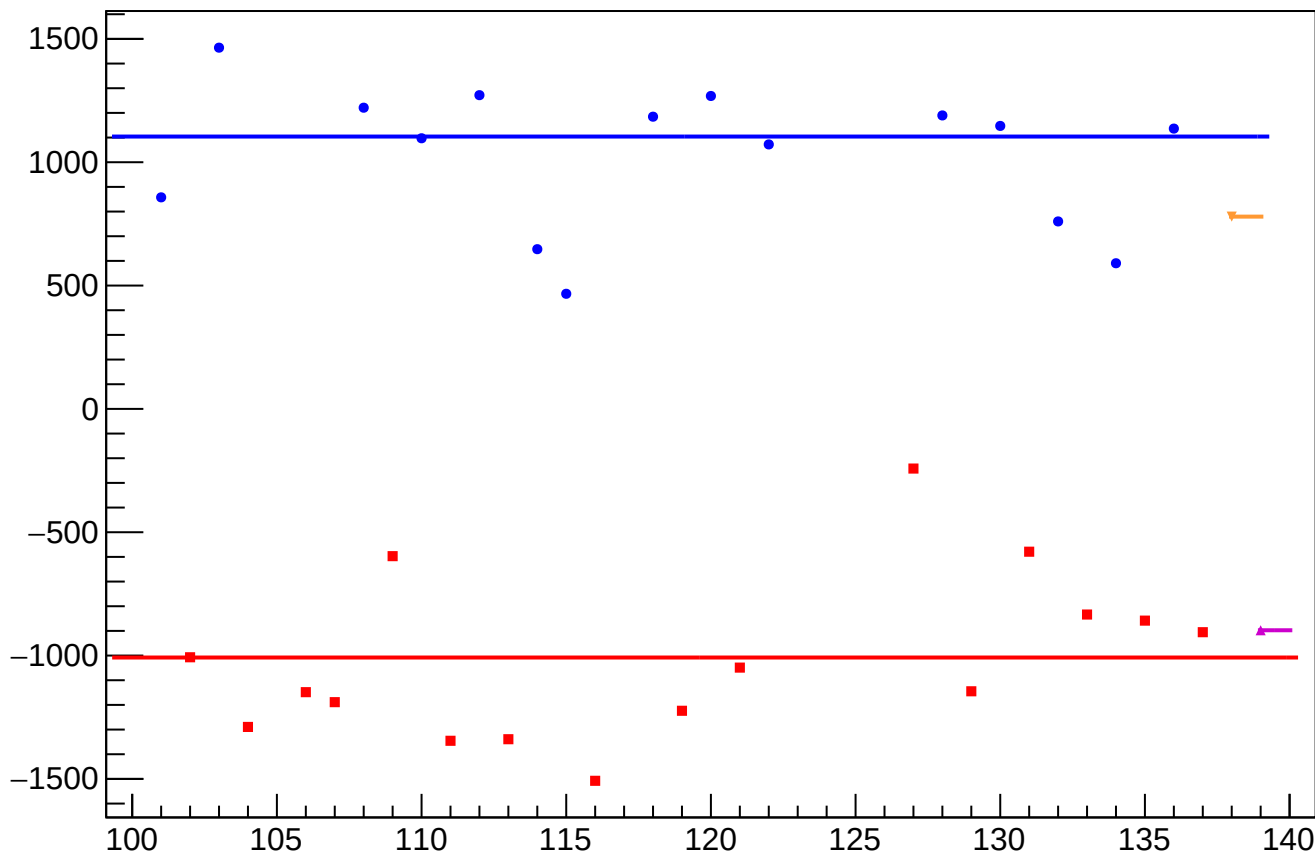
Out: -790.133+/-0.000 χ^2/NDF : 214451309209960

Left In: -163.170+/-0.000

χ^2/NDF : 0.0/0

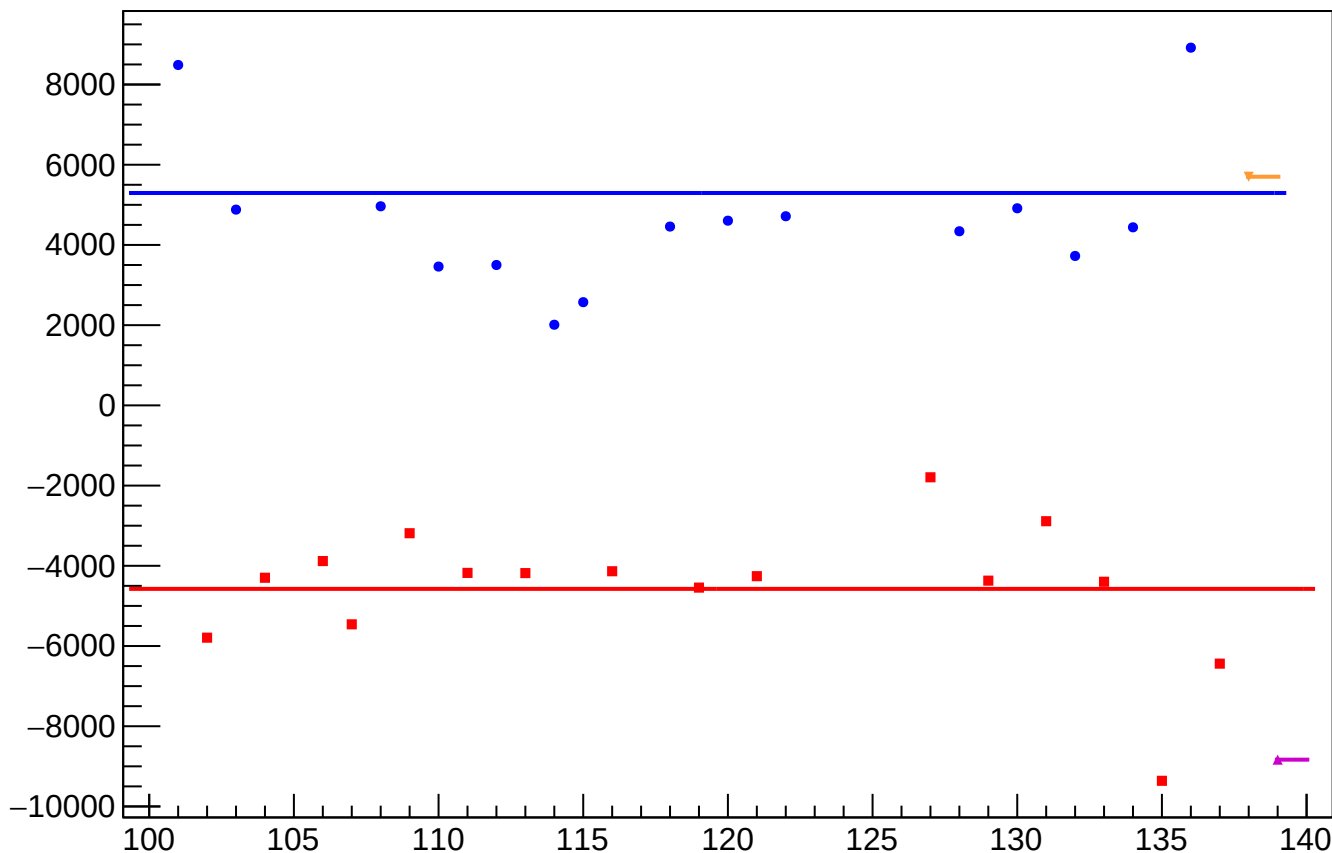
All: -250.489+/-0.000 χ^2/NDF : 27603703219

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 ± 0.000 $\chi^2/\text{NDF}: 32737841591587454251521906421545304064.0/14$
 Left Out: 779.487 ± 0.000 $\chi^2/\text{NDF}: 1008126.4/0$
 Right Out: -1007.906 ± 0.000 $\chi^2/\text{NDF}: 69077878009873965622695939627477368832.0/15$
 Left In: -897.407 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 882.025 ± 0.000 $\chi^2/\text{NDF}: 32122468157986984$
 Out: -820.769 ± 0.000 $\chi^2/\text{NDF}: 292180223763152$
 All: 21.969 ± 0.000 $\chi^2/\text{NDF}: 1682487417124$

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: -8833.430+/-0.000

χ^2/NDF : 0.0/0

In: 3727.756+/-0.000

χ^2/NDF : 1688119617490279

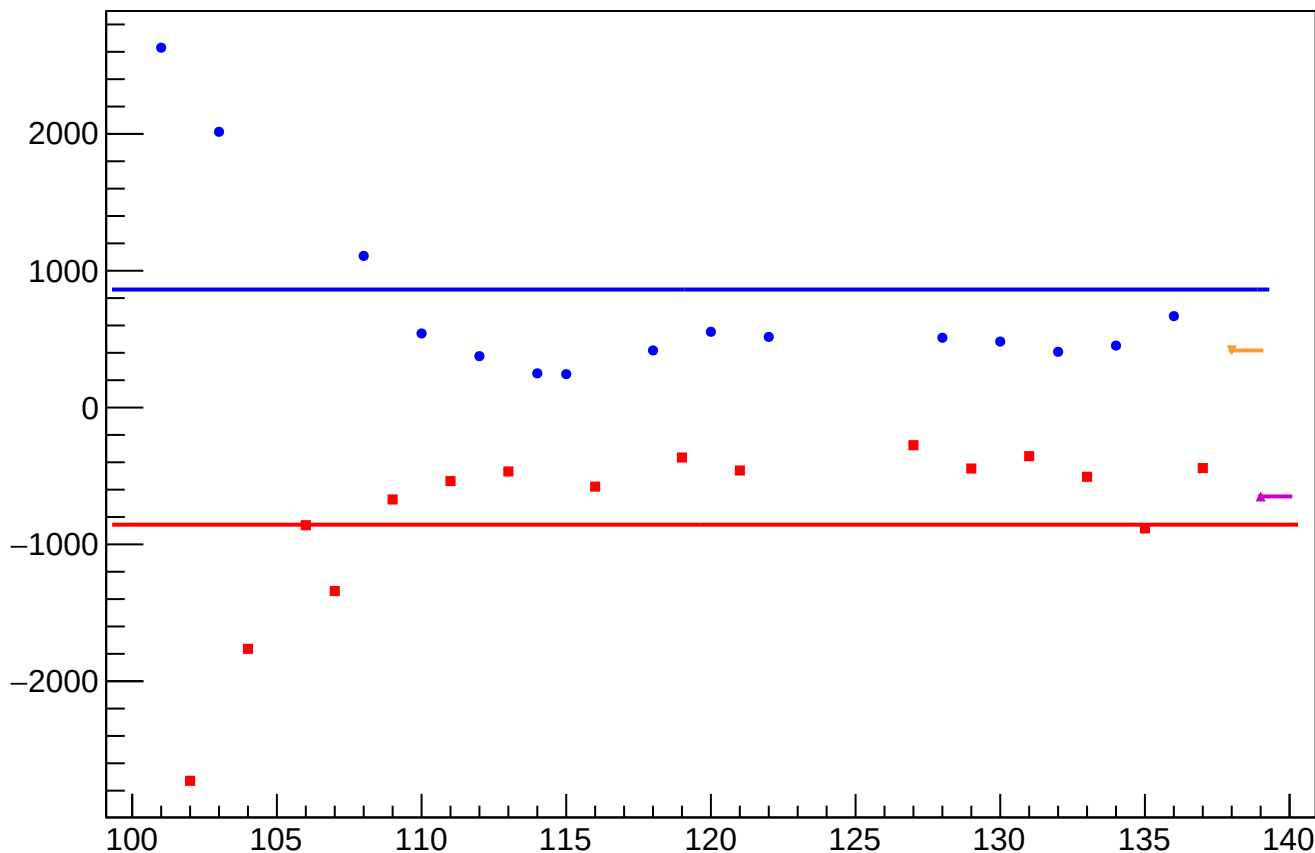
Out: -3499.407+/-0.000

χ^2/NDF : 92373006943596

All: 77.426+/-0.000

χ^2/NDF : 4537701171112

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: -649.528+/-0.000

χ^2/NDF : 0.0/0

Left: -126.082+/-0.000 χ^2/NDF : 452409693291250

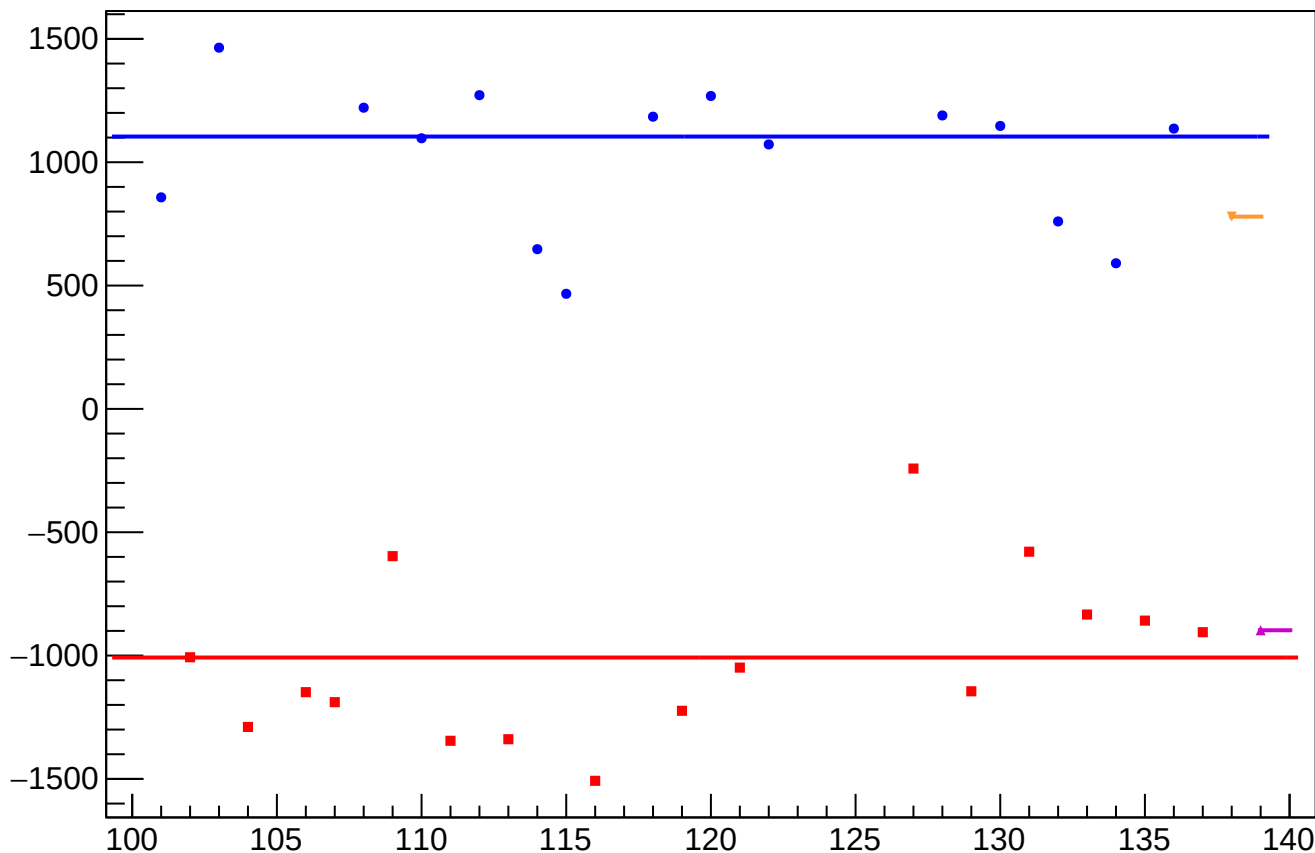
Right: -8.442+/-0.000 χ^2/NDF : 1636587396882894

In: 694.890+/-0.000 χ^2/NDF : 50236056914527530

Out: -722.720+/-0.000 χ^2/NDF : 440461335235876

All: -21.124+/-0.000 χ^2/NDF : 168379158826

dit_atl2_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: -897.407+/-0.000

χ^2/NDF : 0.0/0

In: 882.025+/-0.000

χ^2/NDF : 32122468157986984

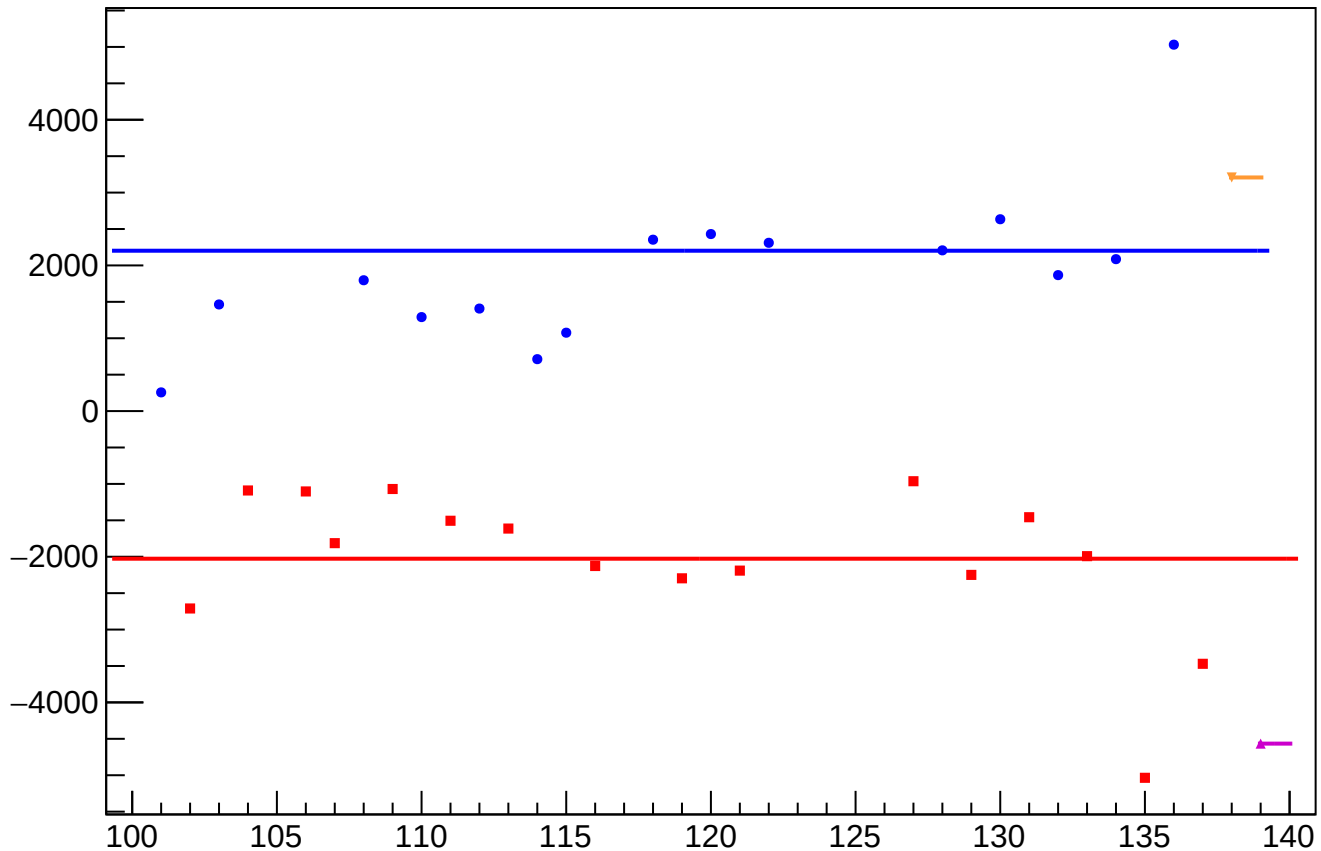
Out: -820.769+/-0.000

χ^2/NDF : 292180223763152

All: 21.969+/-0.000

χ^2/NDF : 1682487417124

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: -4566.001+/-0.000

χ^2/NDF : 0.0/0

Left: -752.464+/-0.000 χ^2/NDF : 240128304870862

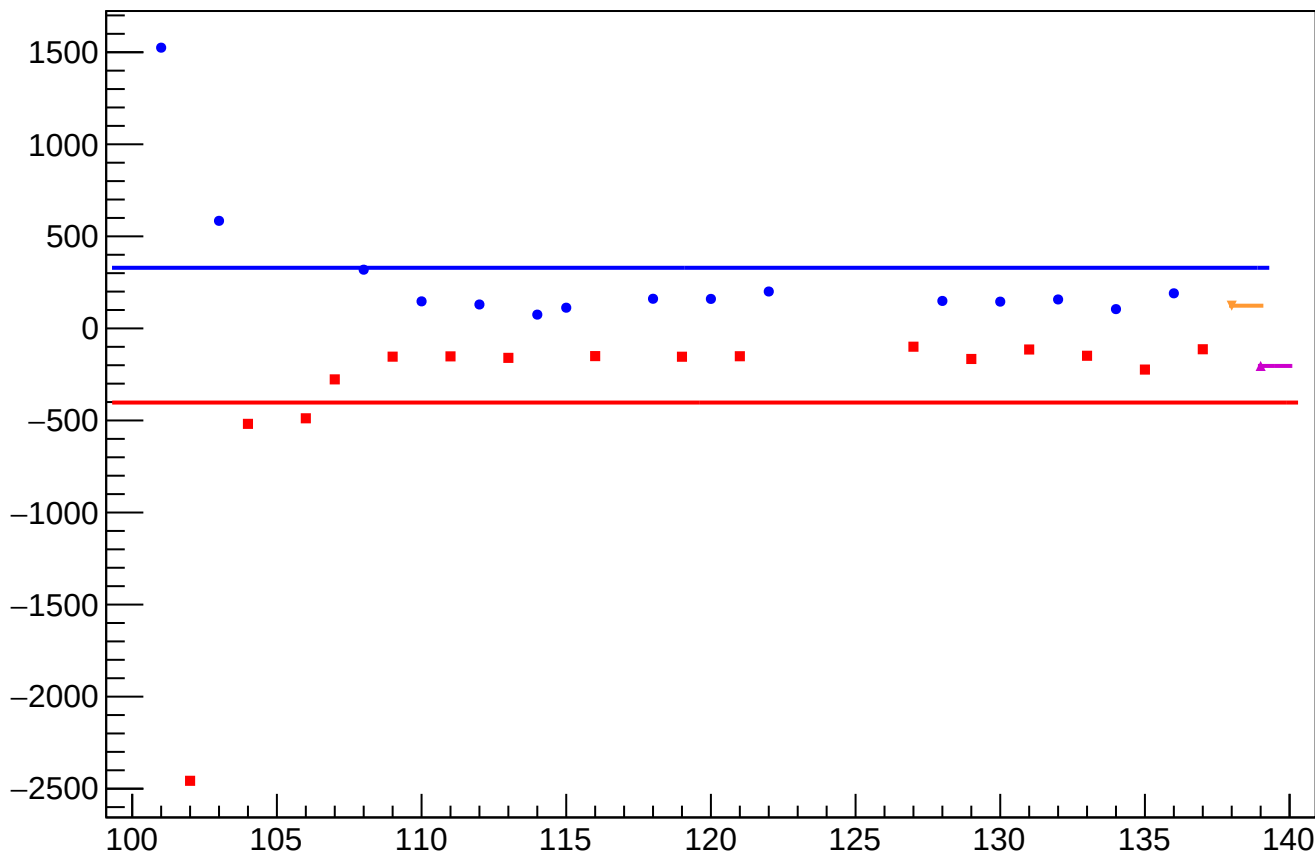
Right: 58.517+/-0.000 χ^2/NDF : 7677530711207331

In: 1450.891+/-0.000 χ^2/NDF : 4384977094448028

Out: -1478.905+/-0.000 χ^2/NDF : 26222231154199

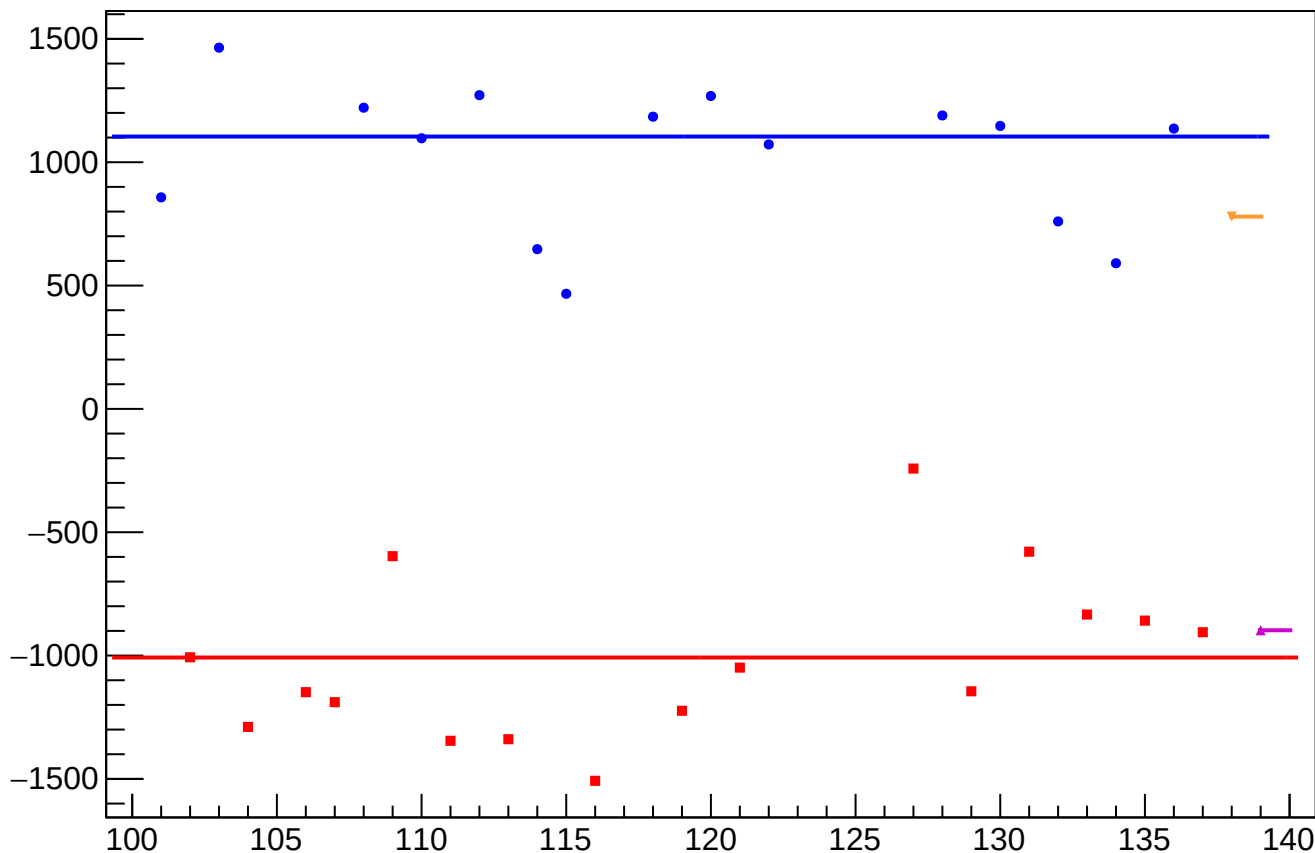
All: -28.904+/-0.000 χ^2/NDF : 101721139079

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: -203.838+/-0.000 χ^2/NDF : 0.0/0
 In: 270.081+/-0.000 χ^2/NDF : 12374811234671008
 Out: -347.611+/-0.000 χ^2/NDF : 296962566368172
 All: -41.906+/-0.000 χ^2/NDF : 561390318531

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 ± 0.000

$\chi^2/\text{NDF}: 32737841591587454251521906421545304064.0/14$

Left Out: 779.487 ± 0.000

$\chi^2/\text{NDF}: 1008126.4/0$

Right Out: -1007.906 ± 0.000

$\chi^2/\text{NDF}: 69077878009873965622695939627477368832.0/15$

Left In: -897.407 ± 0.000

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

In: 882.025 ± 0.000

$\chi^2/\text{NDF}: 32122468157986984$

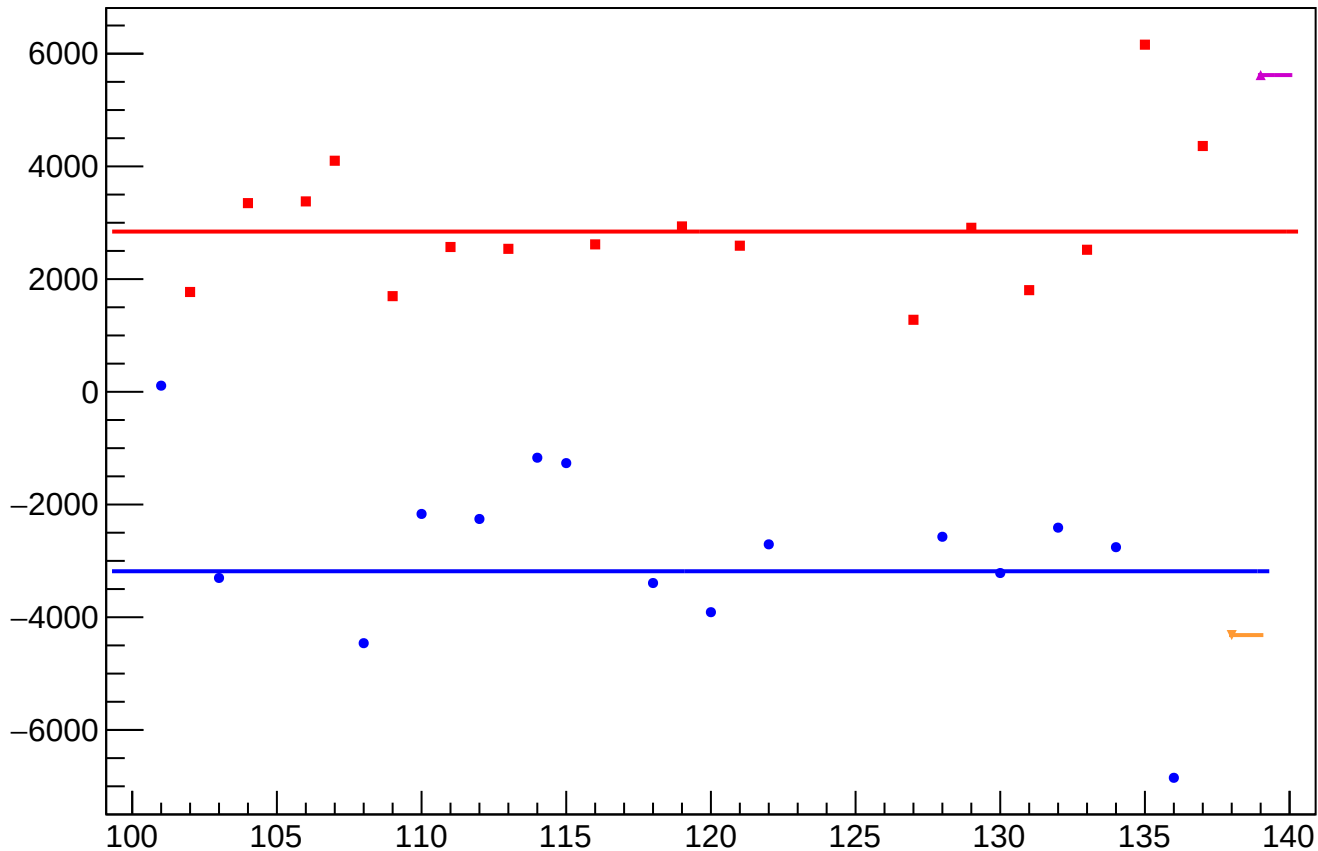
Out: -820.769 ± 0.000

$\chi^2/\text{NDF}: 292180223763152$

All: 21.969 ± 0.000

$\chi^2/\text{NDF}: 1682487417124$

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928+/-0.000

Left Out: -4316.563+/-0.000

Right Out: 2843.597+/-0.000

Left In: 5620.407+/-0.000

χ^2/NDF : 2134923281384422537296044119642733543424.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 947077611563723244705531091944015396864.0/15

χ^2/NDF : 0.0/0

Left: 745.667+/-0.000 χ^2/NDF : 3923651490854110

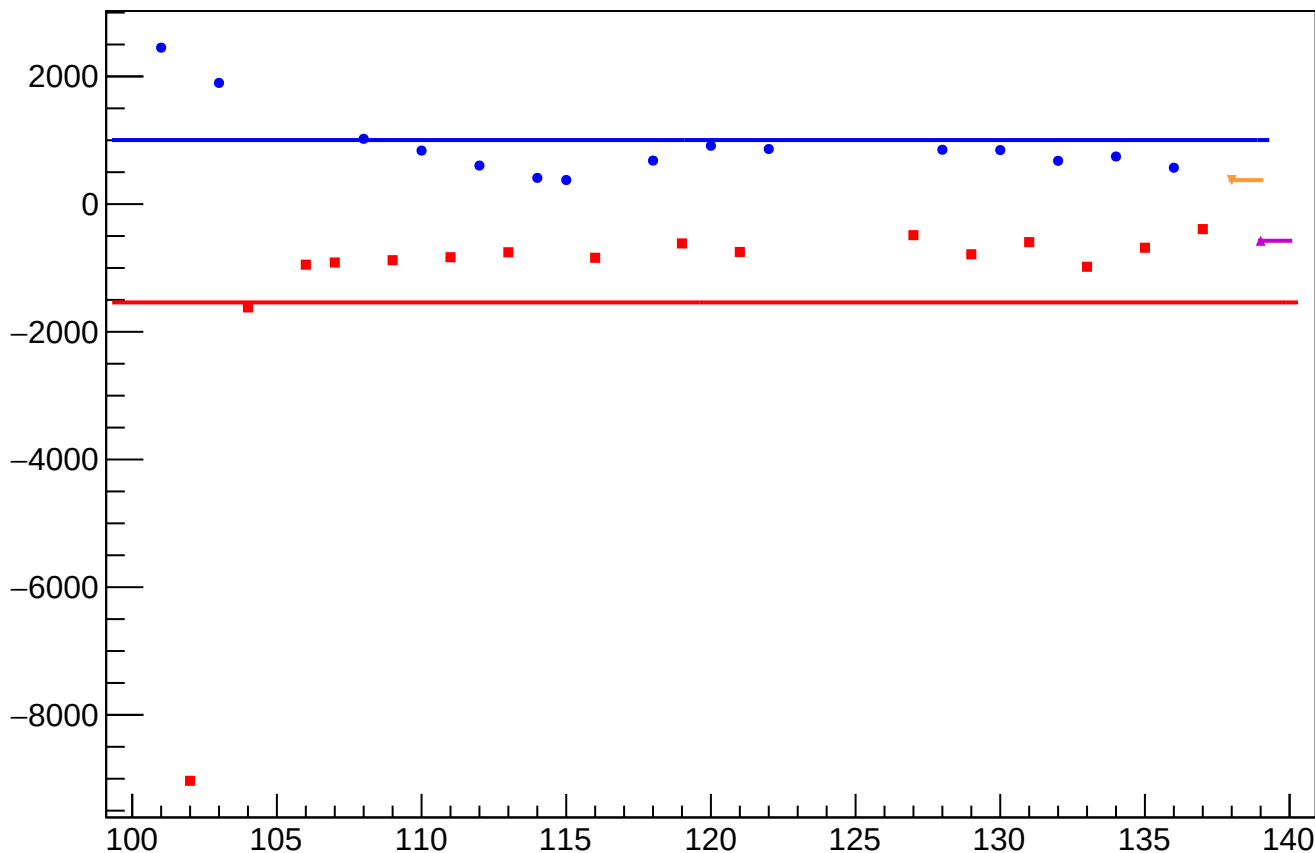
Right: -128.944+/-0.000 χ^2/NDF : 15032681342441

In: -2207.009+/-0.000 χ^2/NDF : 771705371394789

Out: 2093.942+/-0.000 χ^2/NDF : 452729607890268

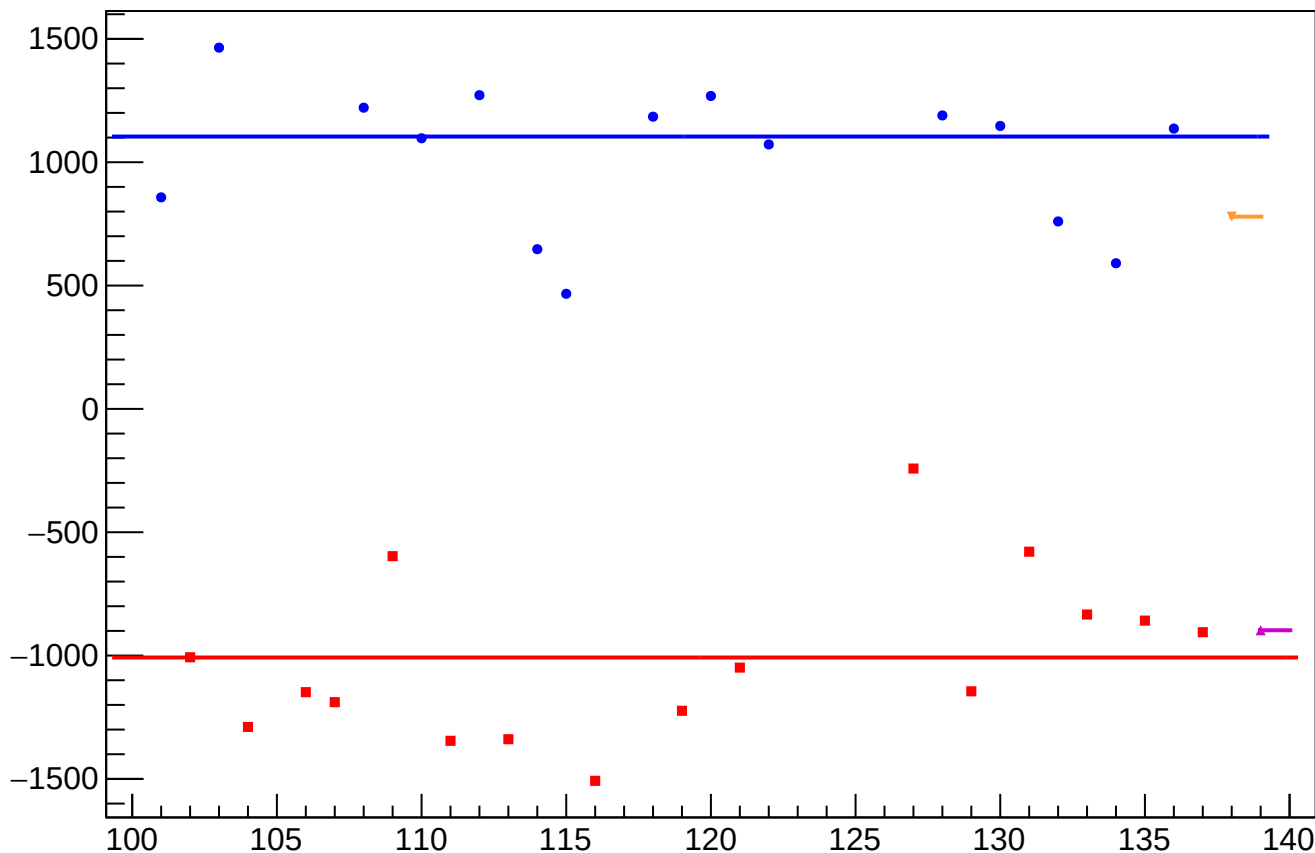
All: -34.664+/-0.000 χ^2/NDF : 190648481618

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



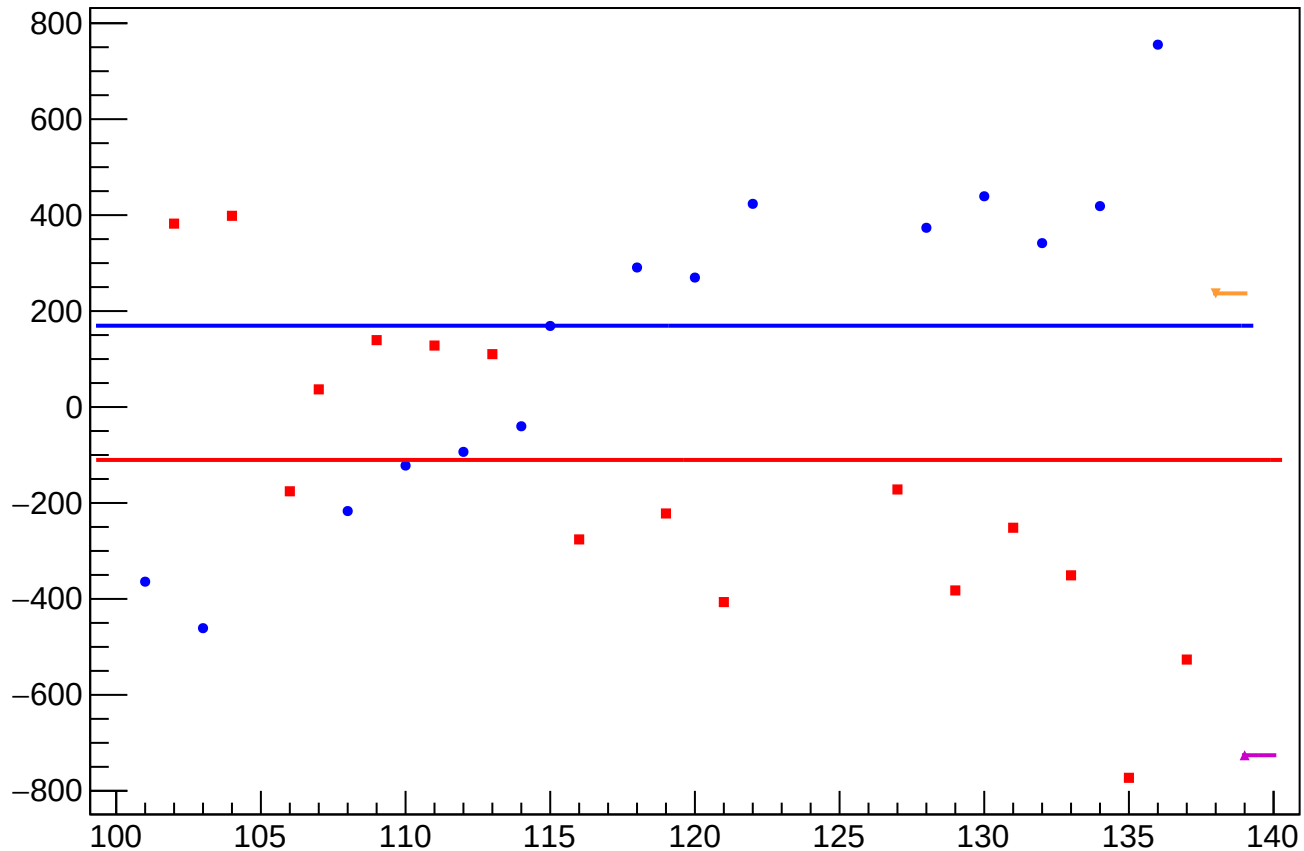
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 376.110+/-0.000 χ^2/NDF : 252031.6/0
 Right Out: -1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: -573.757+/-0.000 χ^2/NDF : 1046900.5/0
 All: -266.318+/-0.000 χ^2/NDF : 60020734455

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: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 21.969+/-0.000 χ^2/NDF : 1682487417124

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: -725.801+/-0.000

χ^2/NDF : 1046900.5/0

Left: -253.566+/-0.000 χ^2/NDF : 368217884991420

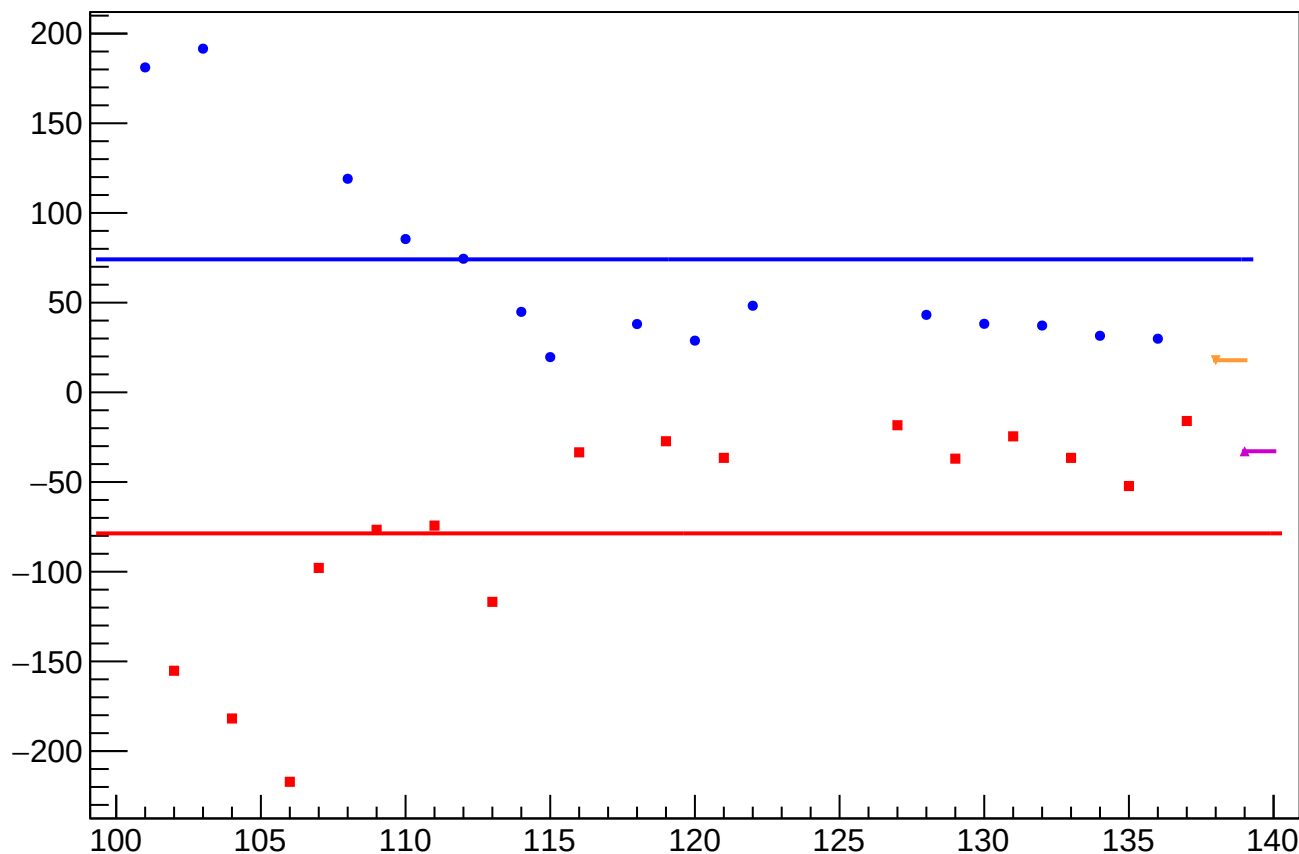
Right: 27.687+/-0.000 χ^2/NDF : 1929545589131513

In: 70.149+/-0.000 χ^2/NDF : 153157034534773932

Out: -73.946+/-0.000 χ^2/NDF : 8018525270235617

All: -2.631+/-0.000 χ^2/NDF : 2409979392914

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: -32.845+/-0.000

χ^2/NDF : 0.0/0

Left: -7.956+/-0.000 χ^2/NDF : 10228155268434807

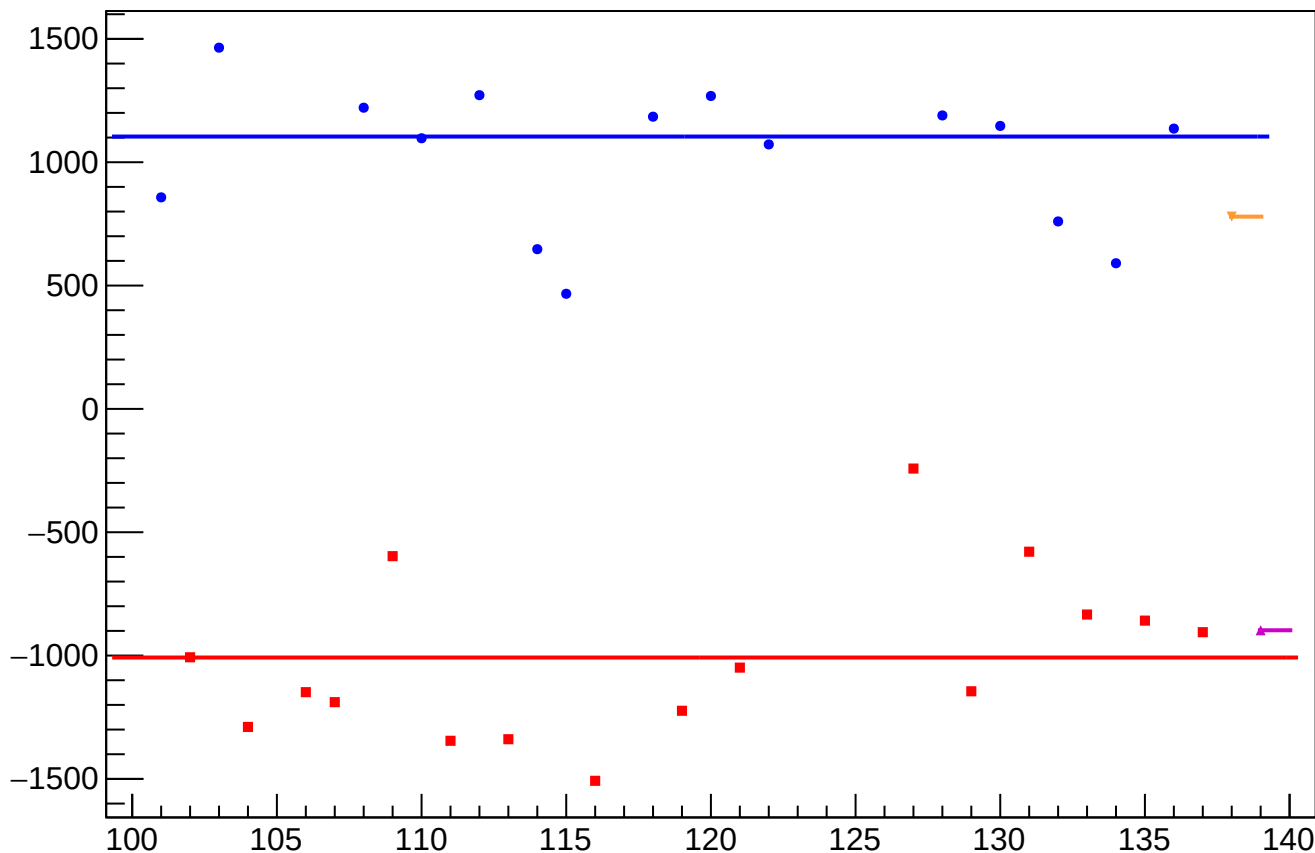
Right: -3.297+/-0.000 χ^2/NDF : 1218774471717801

In: 62.259+/-0.000 χ^2/NDF : 299244229976047780

Out: -68.527+/-0.000 χ^2/NDF : 2993843269784134

All: -3.799+/-0.000 χ^2/NDF : 1229310621610

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: -897.407+/-0.000

χ^2/NDF : 0.0/0

In: 882.025+/-0.000

χ^2/NDF : 32122468157986984

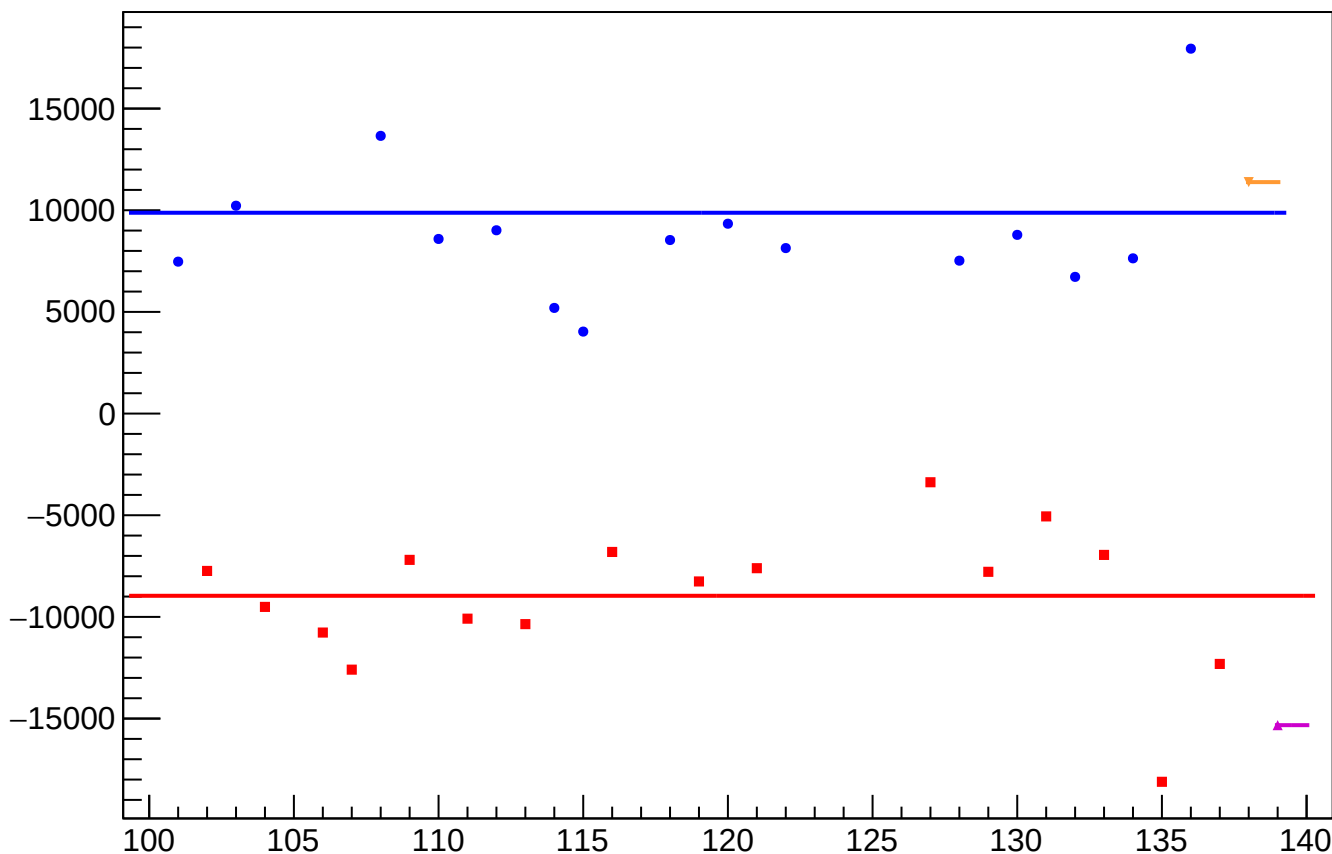
Out: -820.769+/-0.000

χ^2/NDF : 292180223763152

All: 21.969+/-0.000

χ^2/NDF : 1682487417124

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000

χ^2/NDF : 8483360287053054122301651905797133697024.0/14

Left: -2222.236+/-0.000 χ^2/NDF : 28343175987110

Right: 328.637+/-0.000 χ^2/NDF : 132799081917308

Left Out: 11383.465+/-0.000

χ^2/NDF : 0.0/0

Right Out: -8961.593+/-0.000

χ^2/NDF : 7583728644146461427304320888408335450112.0/15

In: 7080.305+/-0.000 χ^2/NDF : 5421607187139134

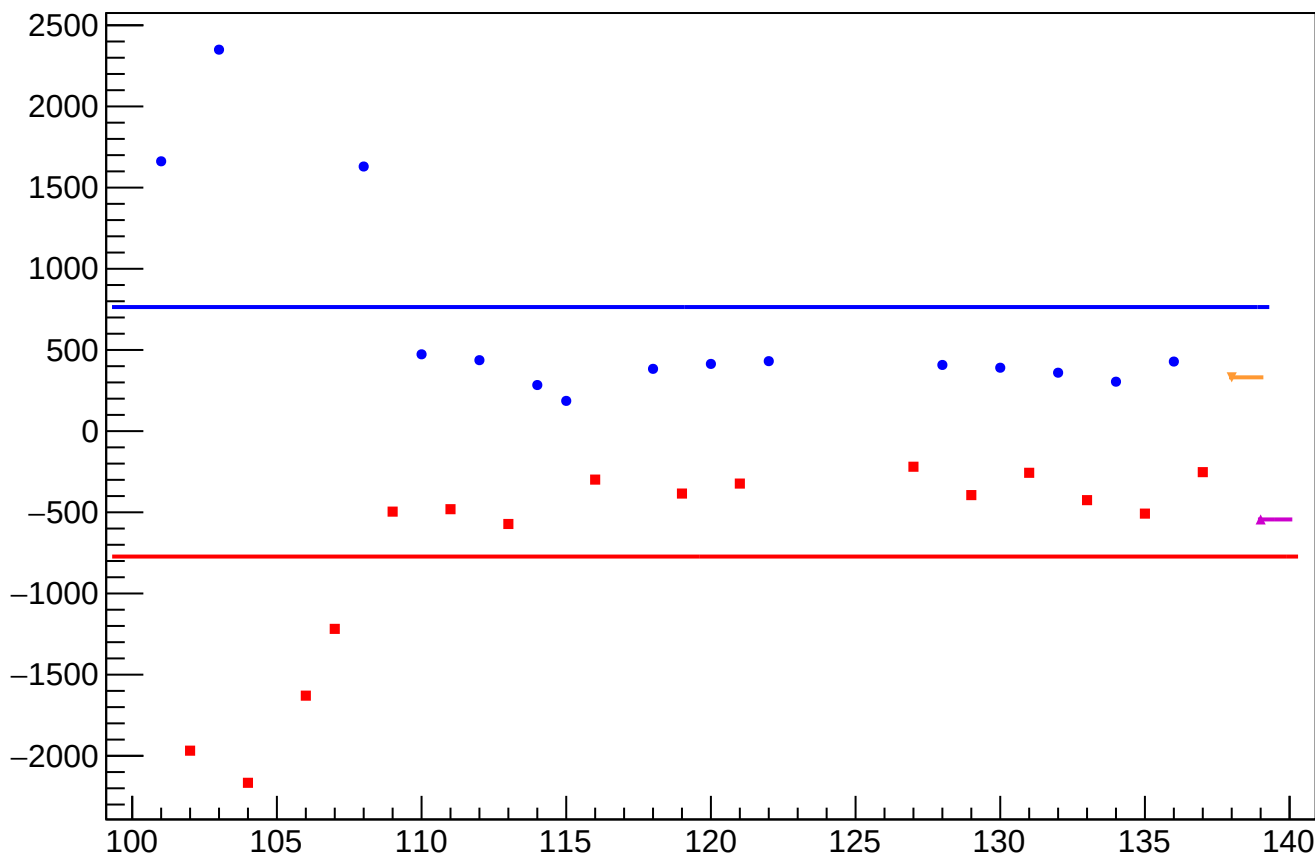
Out: -6831.506+/-0.000 χ^2/NDF : 36489329268390

Left In: -15324.021+/-0.000

χ^2/NDF : 0.0/0

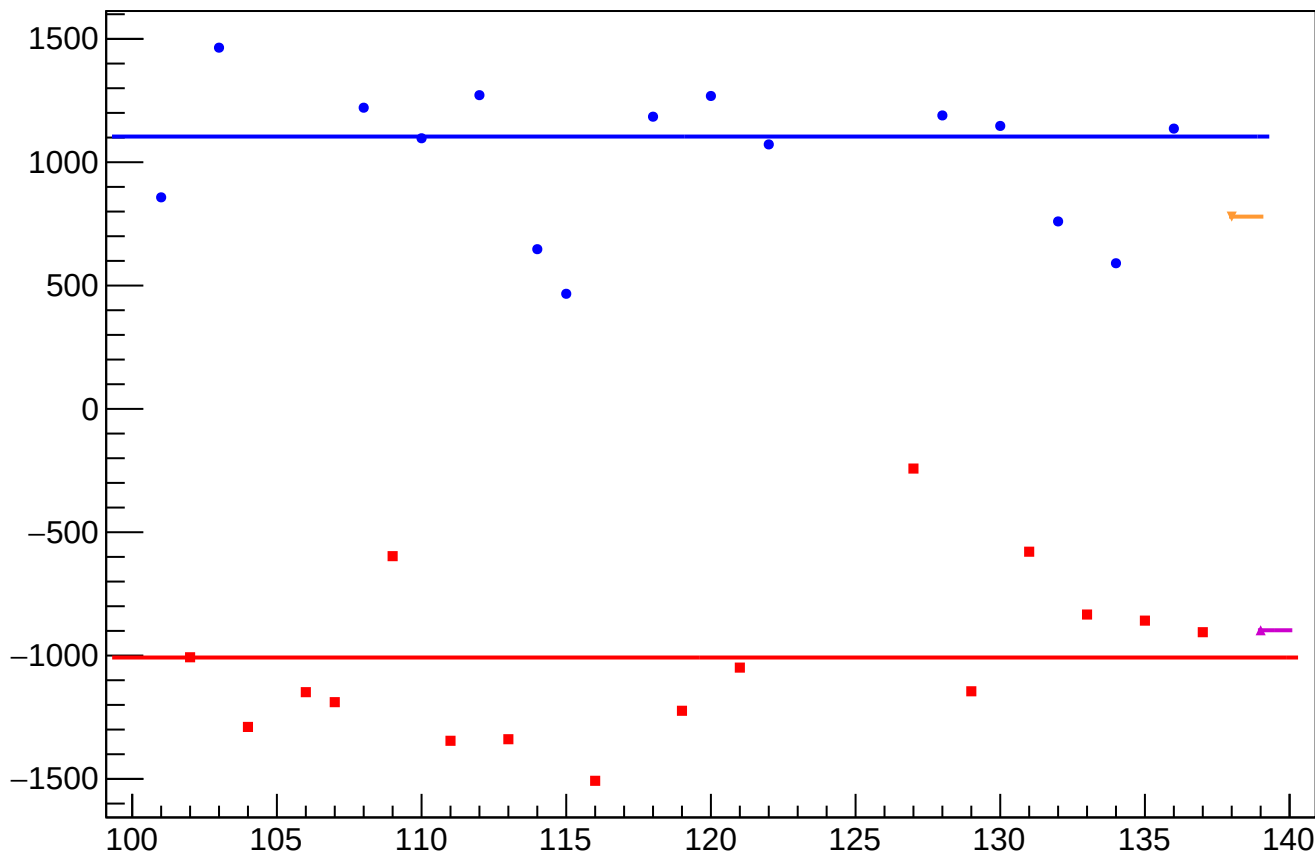
All: 53.661+/-0.000 χ^2/NDF : 1620653360851

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



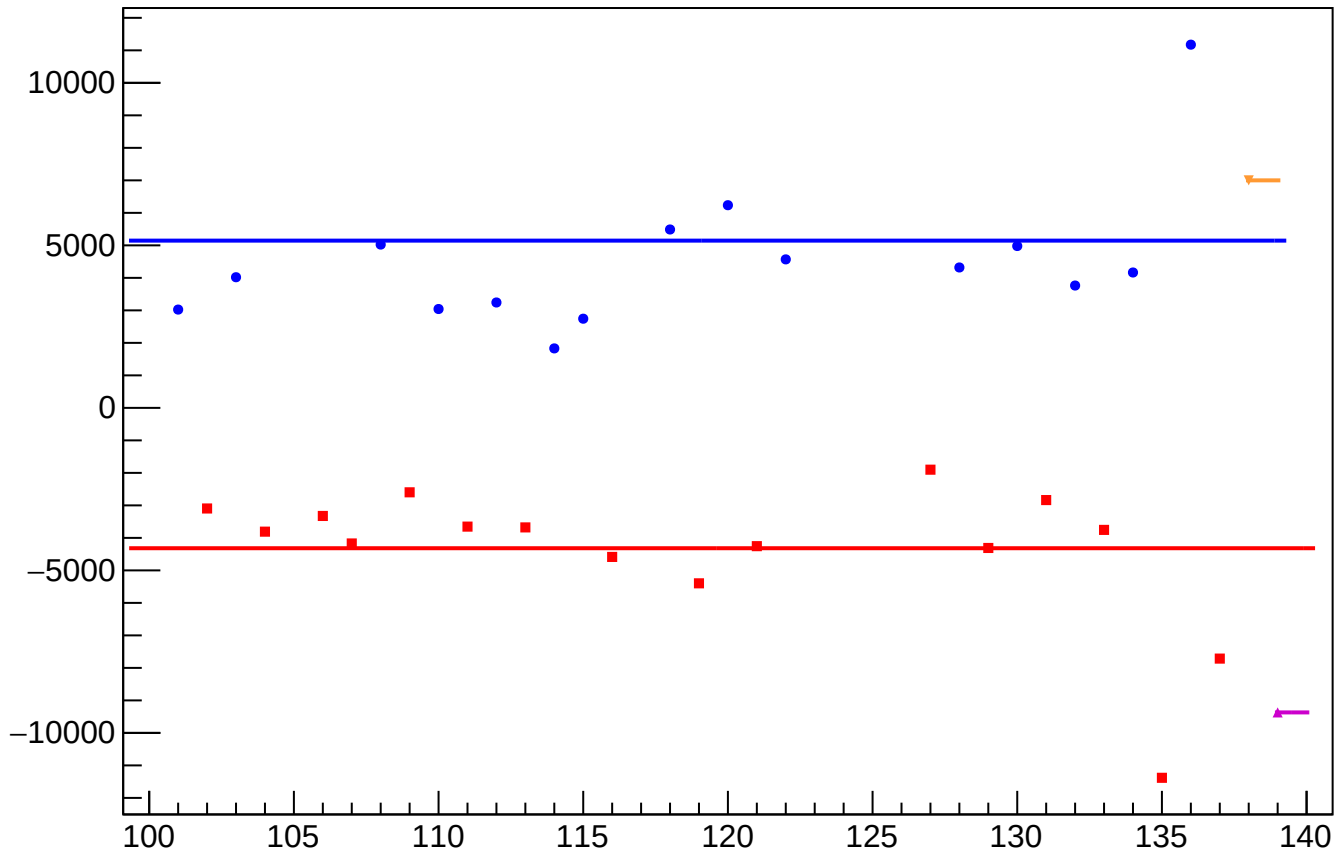
Right In: 764.284+/-0.000	χ^2/NDF : 290964758058269480005067205020030599168.0/14	Left: -114.554+/-0.000	χ^2/NDF : 304448948454552
Left Out: 331.363+/-0.000	χ^2/NDF : 0.0/0	Right: -14.642+/-0.000	χ^2/NDF : 135377066004634
Right Out: -772.547+/-0.000	χ^2/NDF : 285902138904642401278625587631891677184.0/15	In: 619.123+/-0.000	χ^2/NDF : 4142131522157334
Left In: -543.955+/-0.000	χ^2/NDF : 0.0/0	Out: -656.970+/-0.000	χ^2/NDF : 371002604048959
		All: -25.412+/-0.000	χ^2/NDF : 138563165894

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left: -74.780+/-0.000 χ^2/NDF : 1117362322528623
 Left Out: 779.487+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 In: 882.025+/-0.000 χ^2/NDF : 3212246815798698
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -820.769+/-0.000 χ^2/NDF : 292180223763152
 Left In: -897.407+/-0.000 χ^2/NDF : 0.0/0
 All: 21.969+/-0.000 χ^2/NDF : 1682487417124

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: -9369.597+/-0.000

χ^2/NDF : 0.0/0

Left: -1339.239+/-0.000 χ^2/NDF : 10647735934137

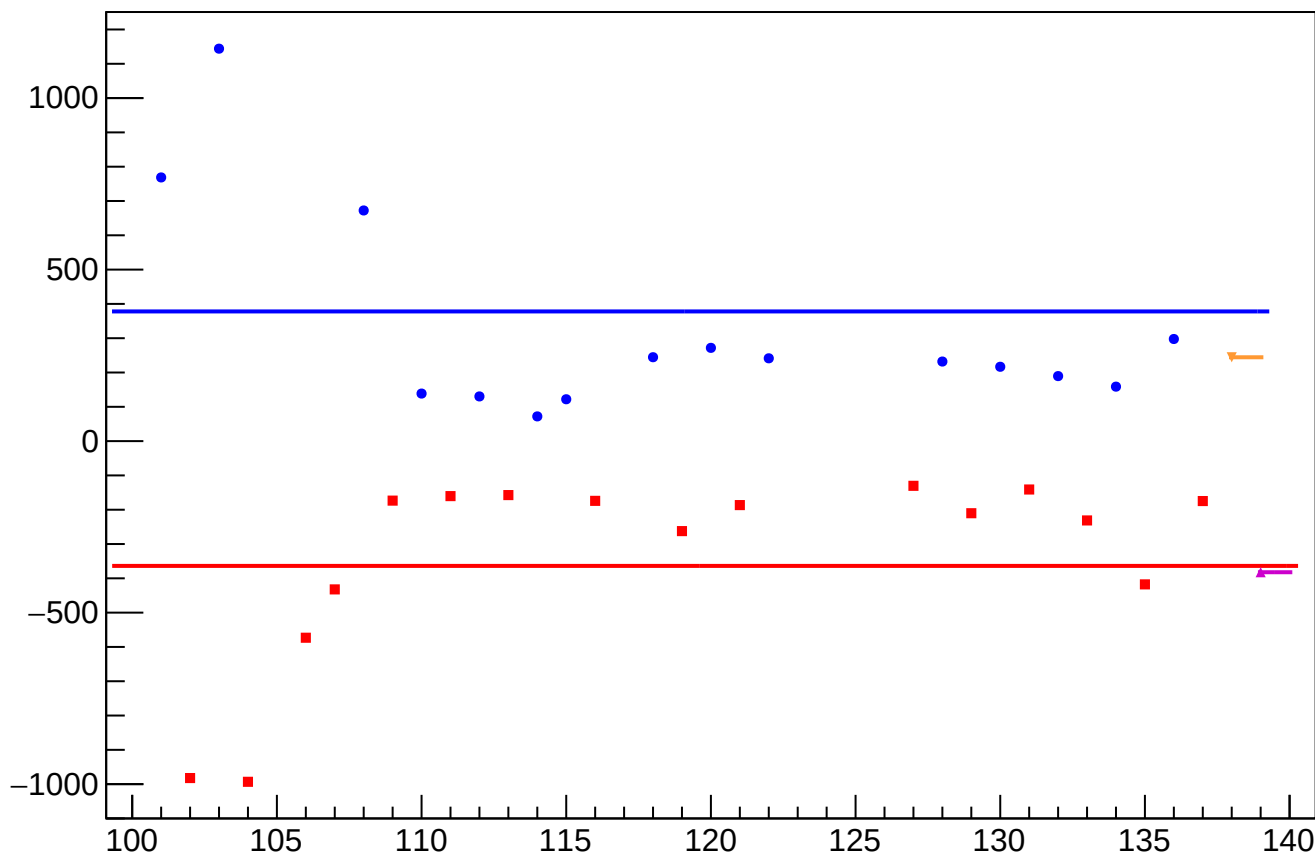
Right: 349.044+/-0.000 χ^2/NDF : 370788219703753

In: 3535.060+/-0.000 χ^2/NDF : 1944533172919062

Out: -3133.143+/-0.000 χ^2/NDF : 12290818375482

All: 167.052+/-0.000 χ^2/NDF : 481309024027

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

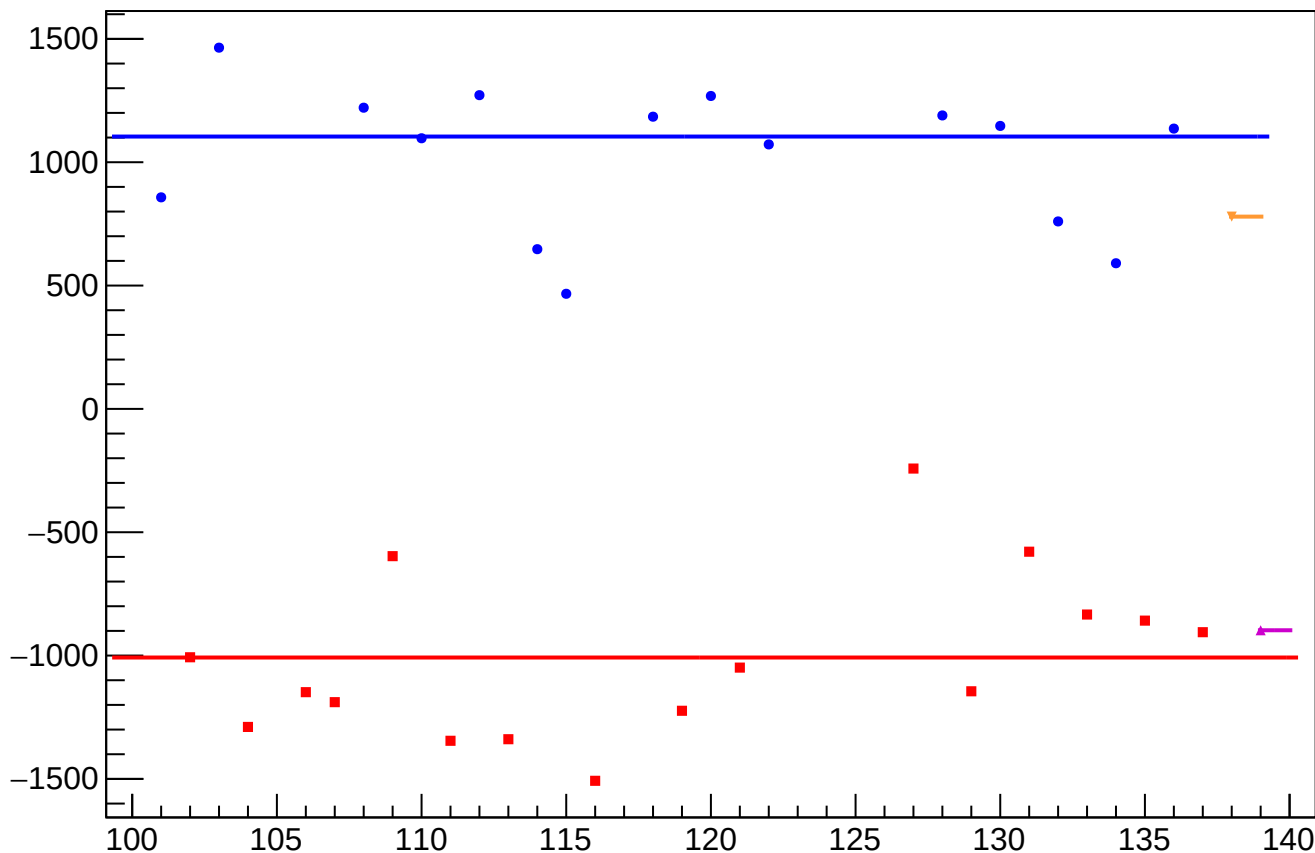
Left In: -382.235+/-0.000 χ^2/NDF : 0.0/0

Left: -74.824+/-0.000 χ^2/NDF : 1560368137510675
Right: 2.067+/-0.000 χ^2/NDF : 30156387809525658

In: 293.691+/-0.000 χ^2/NDF : 10314236232557158
Out: -300.097+/-0.000 χ^2/NDF : 848618422509495

All: -6.222+/-0.000 χ^2/NDF : 3180062603713

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: -897.407 ± 0.000

χ^2/NDF : 0.0/0

In: 882.025 ± 0.000

χ^2/NDF : 32122468157986984

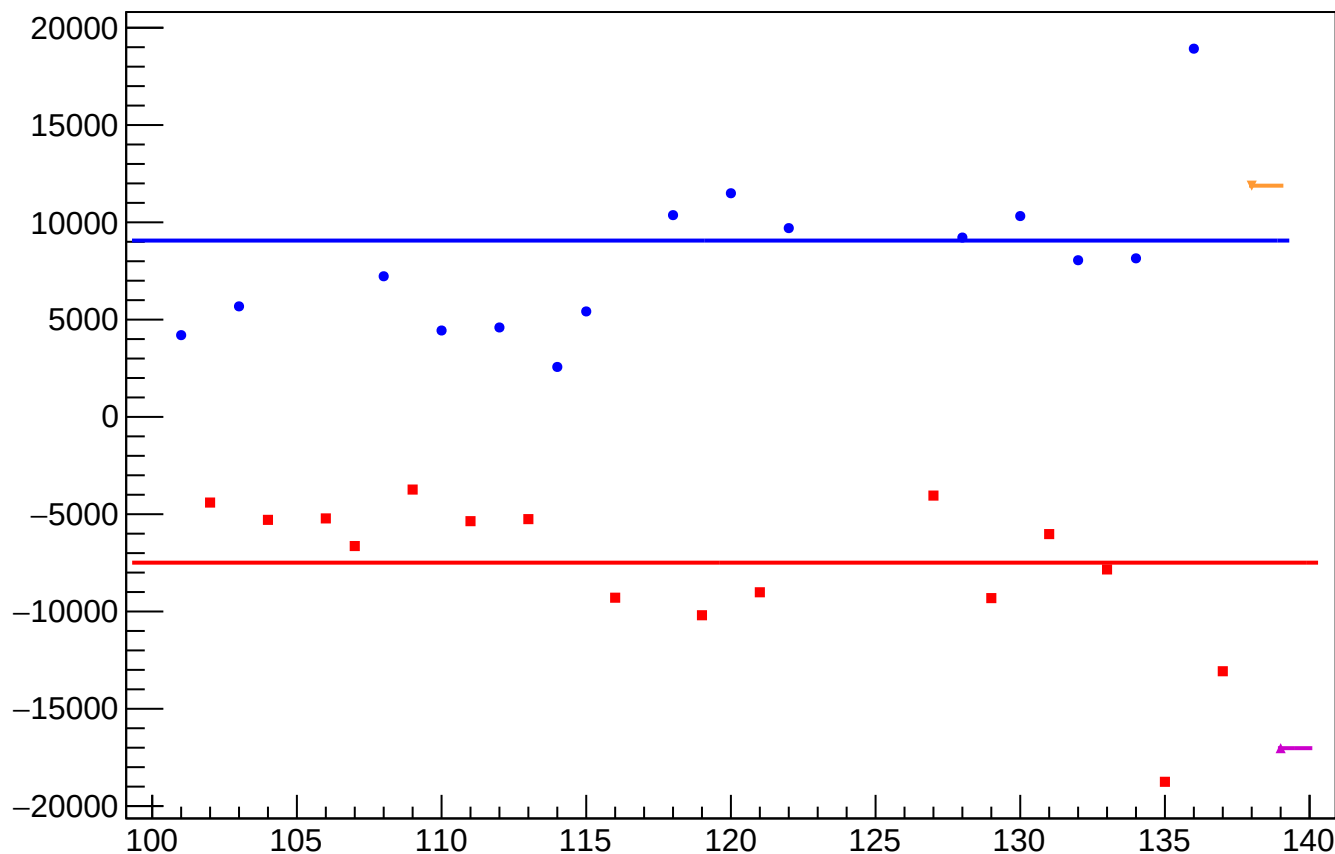
Out: -820.769 ± 0.000

χ^2/NDF : 292180223763152

All: 21.969 ± 0.000

χ^2/NDF : 1682487417124

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 9062.710+/-0.000

χ^2/NDF : 13621066943114354594159252409175431446528.0/14

Left: -2842.495+/-0.000 χ^2/NDF : 33205449516152

Right: 673.078+/-0.000 χ^2/NDF : 113857439938422

Left Out: 11884.065+/-0.000

χ^2/NDF : 258080351.1/0

In: 6168.198+/-0.000 χ^2/NDF : 6262524128725883

Right Out: -7490.147+/-0.000

χ^2/NDF : 10108202124204139932285006457388239159296.0/15

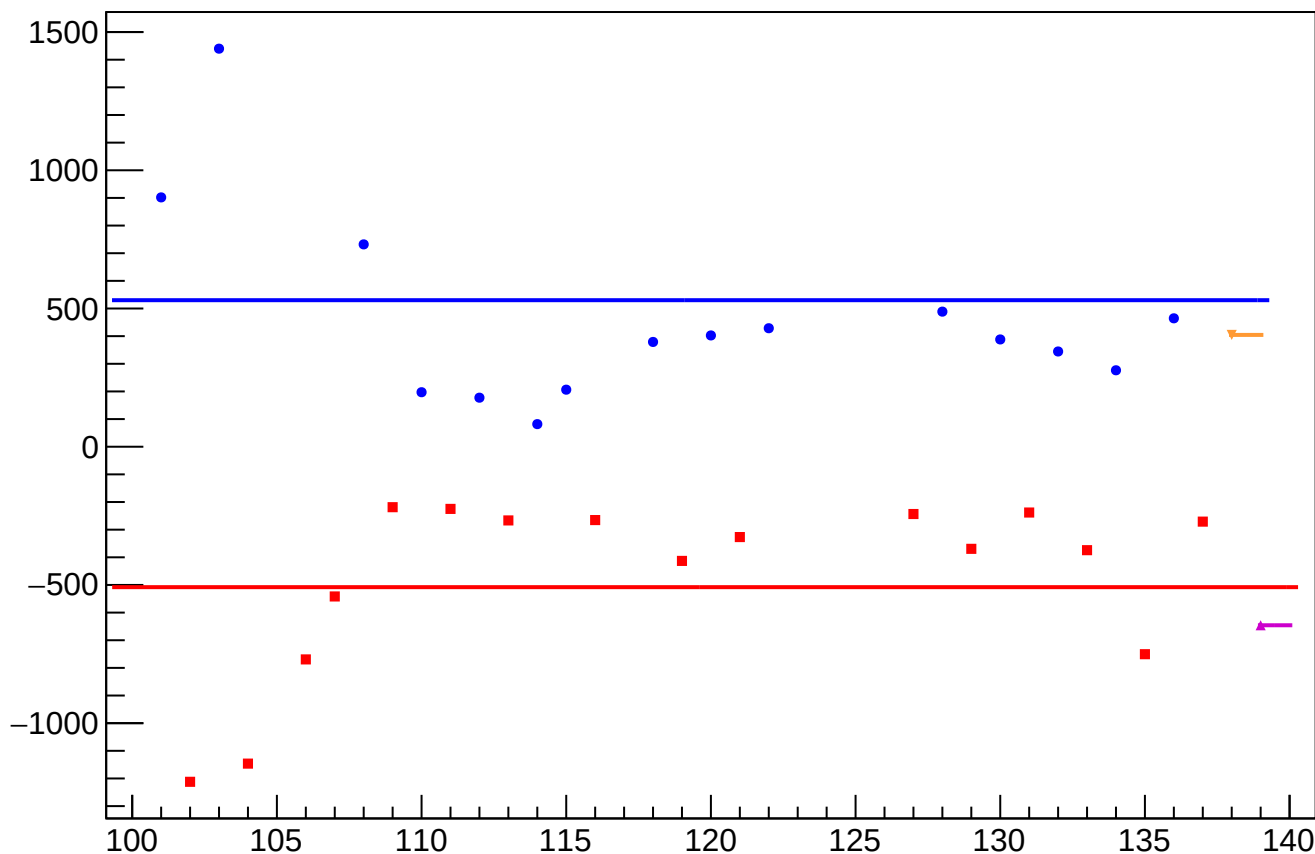
Out: -5461.706+/-0.000 χ^2/NDF : 36320932875708

Left In: -17023.628+/-0.000

χ^2/NDF : 0.0/0

All: 294.111+/-0.000 χ^2/NDF : 148816177718

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

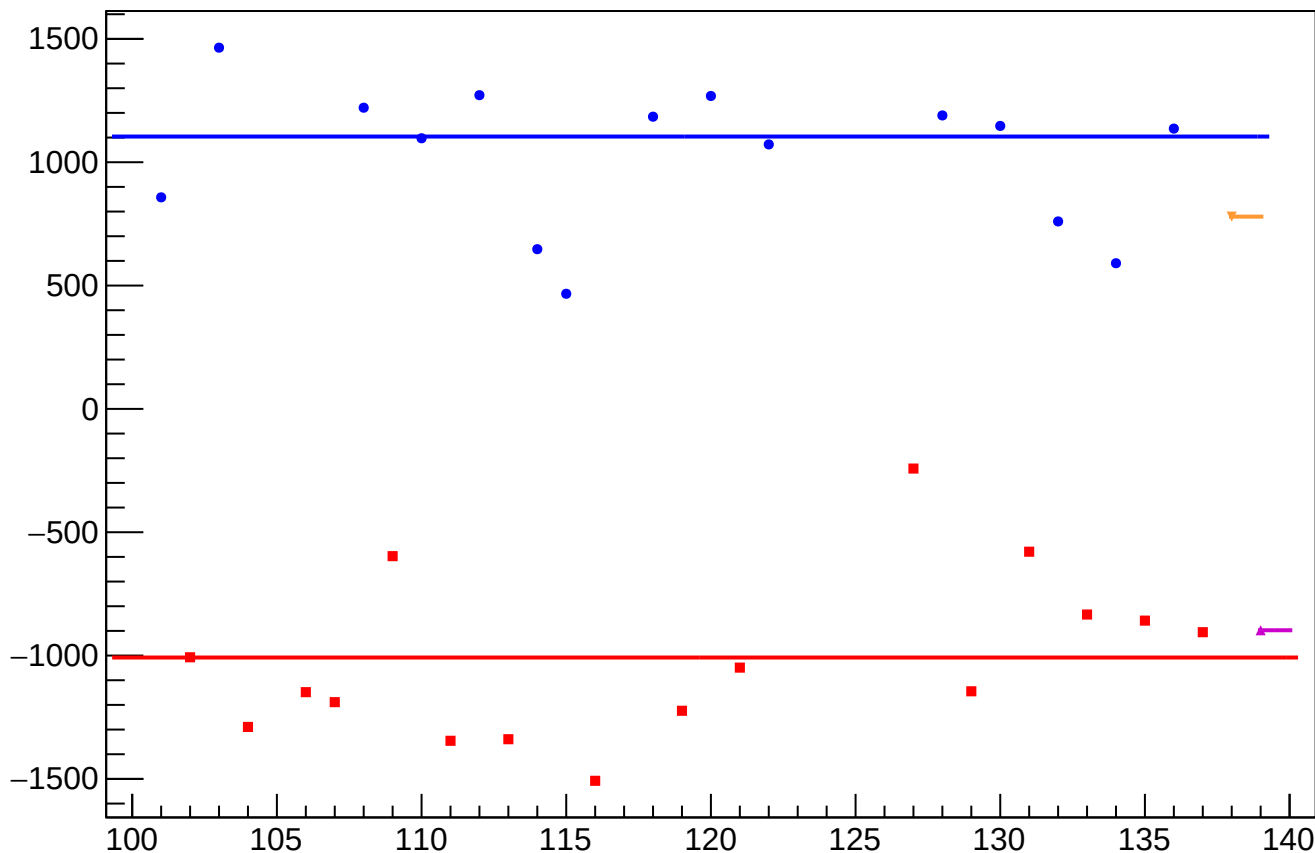
Left In: -645.820+/-0.000 χ^2/NDF : 0.0/0

Left: -130.591+/-0.000 χ^2/NDF : 438318264498103
Right: 3.936+/-0.000 χ^2/NDF : 50988723963729126

In: 399.583+/-0.000 χ^2/NDF : 17832528093502075
Out: -412.456+/-0.000 χ^2/NDF : 134829765357038

All: -10.565+/-0.000 χ^2/NDF : 556286375052

dit_sam4_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: -897.407+/-0.000

χ^2/NDF : 0.0/0

In: 882.025+/-0.000

χ^2/NDF : 32122468157986984

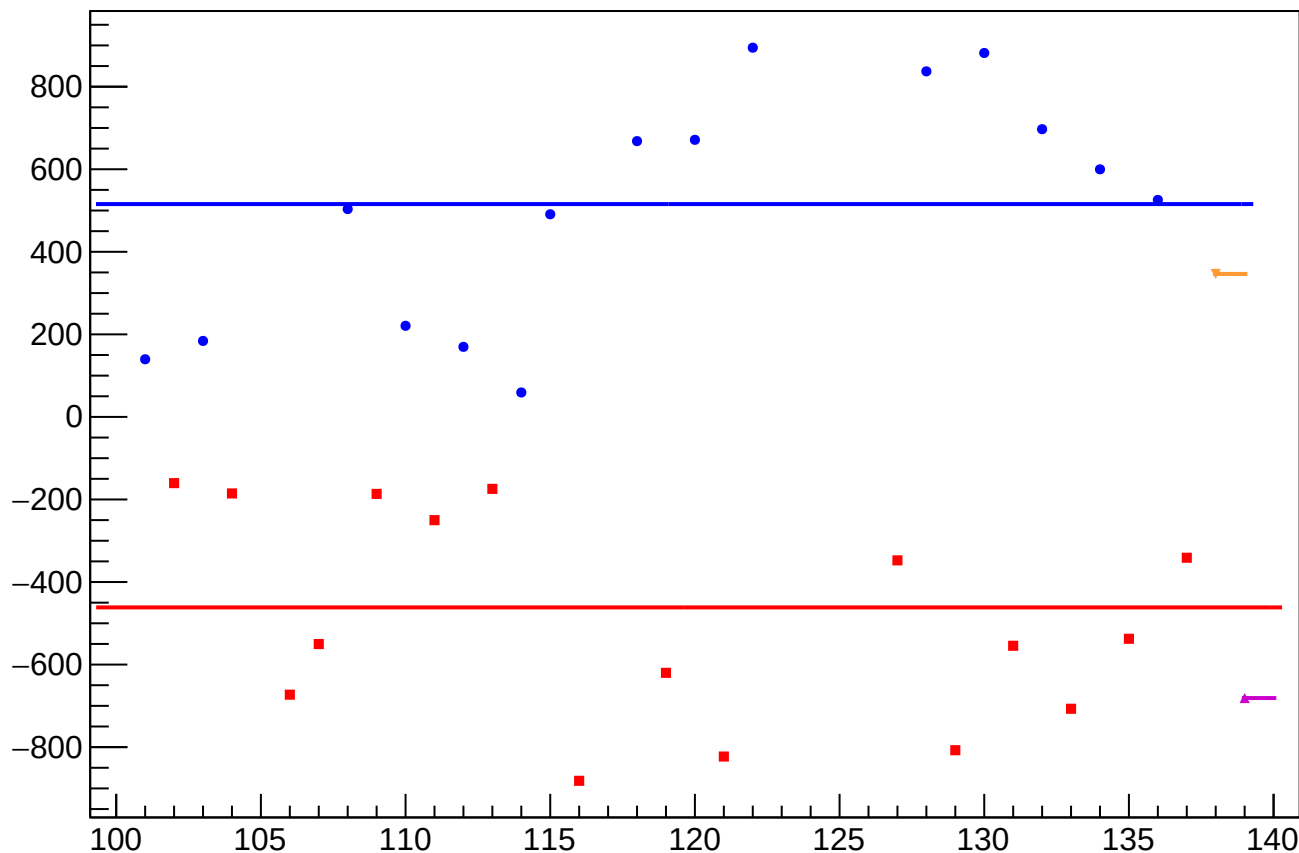
Out: -820.769+/-0.000

χ^2/NDF : 292180223763152

All: 21.969+/-0.000

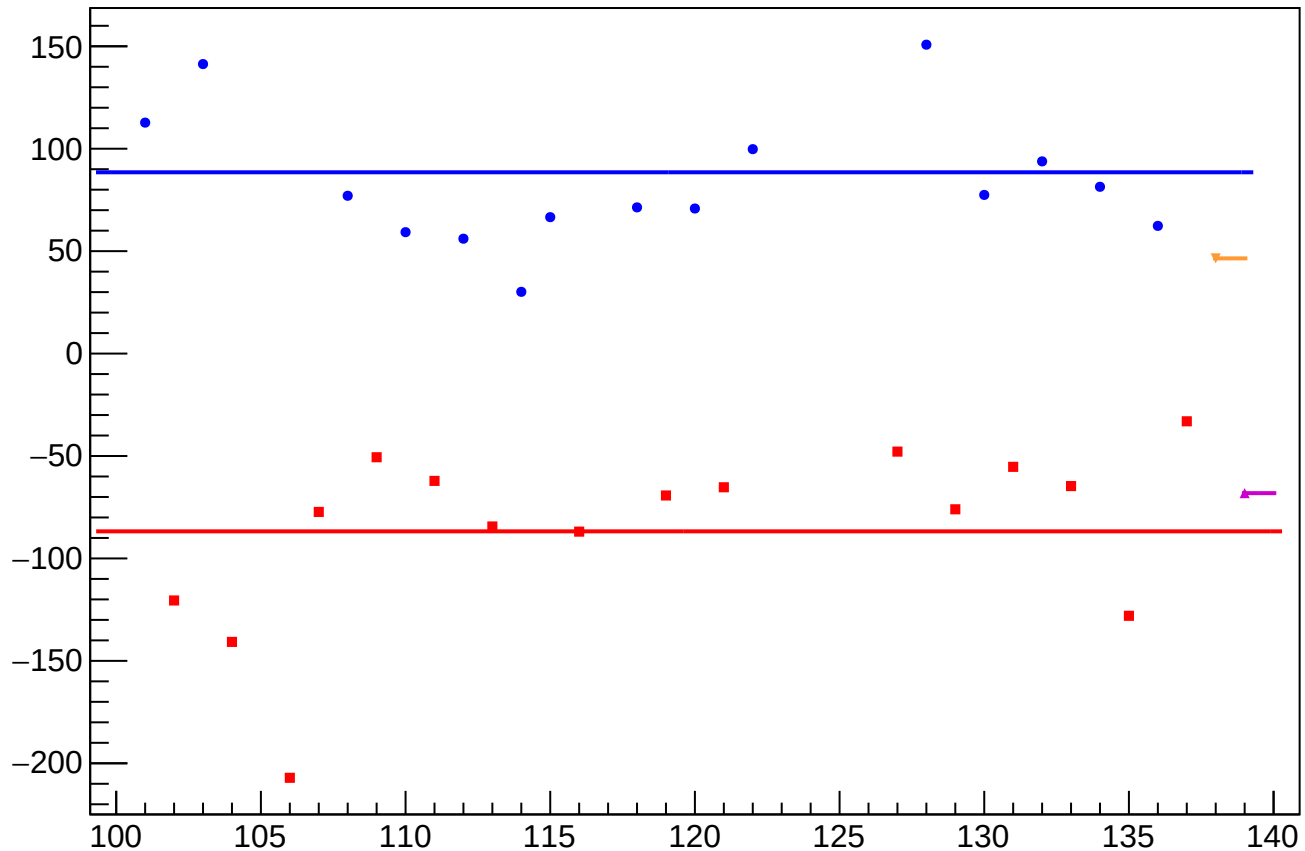
χ^2/NDF : 1682487417124

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14
 Left: -177.045+/-0.000 χ^2/NDF : 419453319713016
 Left Out: 346.361+/-0.000 χ^2/NDF : 0.0/0
 Right: 20.387+/-0.000 χ^2/NDF : 4030056130167457
 Right Out: -461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15
 In: 382.851+/-0.000 χ^2/NDF : 15159375855825525
 Out: -376.916+/-0.000 χ^2/NDF : 860494988112256
 Left In: -681.066+/-0.000 χ^2/NDF : 1046900.5/0
 All: -0.896+/-0.000 χ^2/NDF : 4504805643566

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: -68.128+/-0.000

χ^2/NDF : 0.0/0

In: 71.115+/-0.000

χ^2/NDF : 240969870939726362

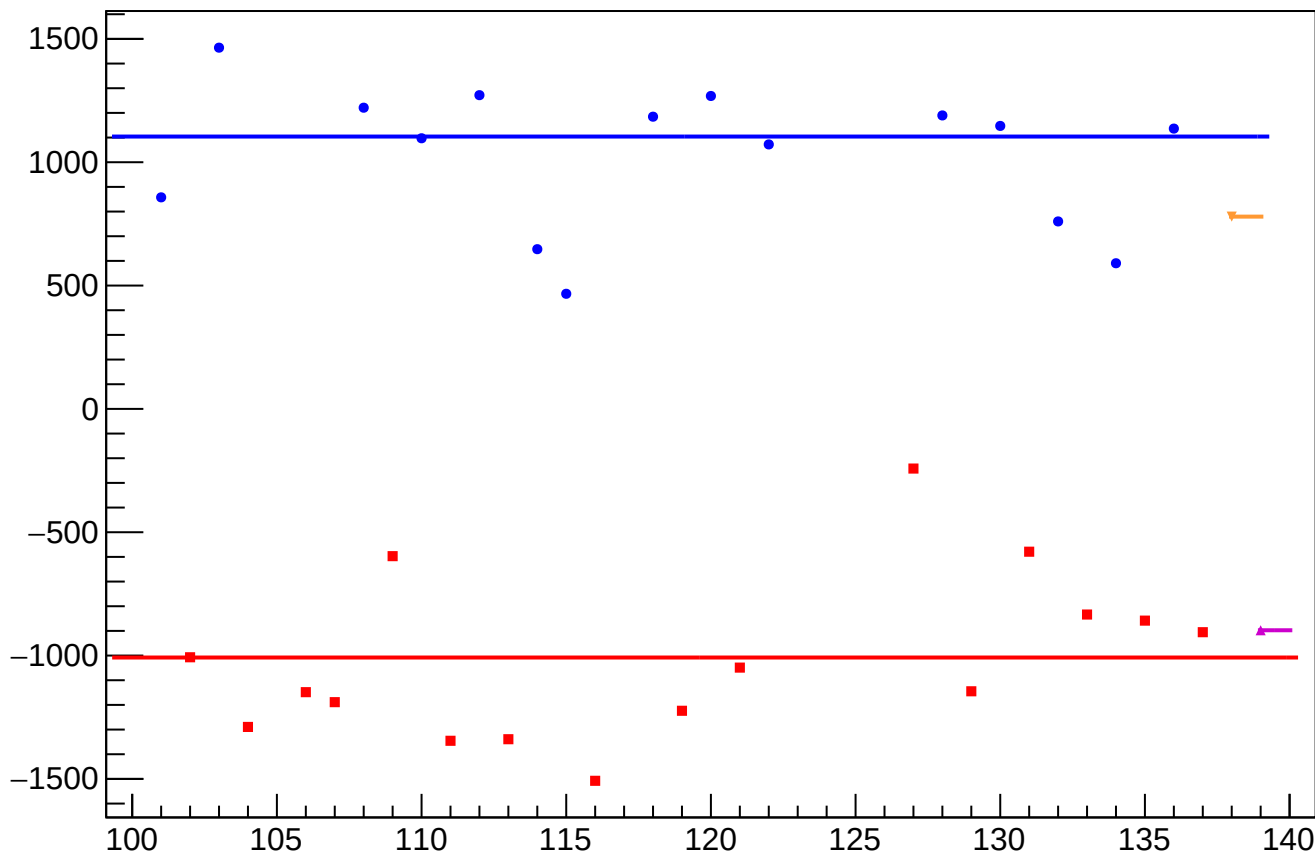
Out: -72.823+/-0.000

χ^2/NDF : 2299054146695491

All: -1.586+/-0.000

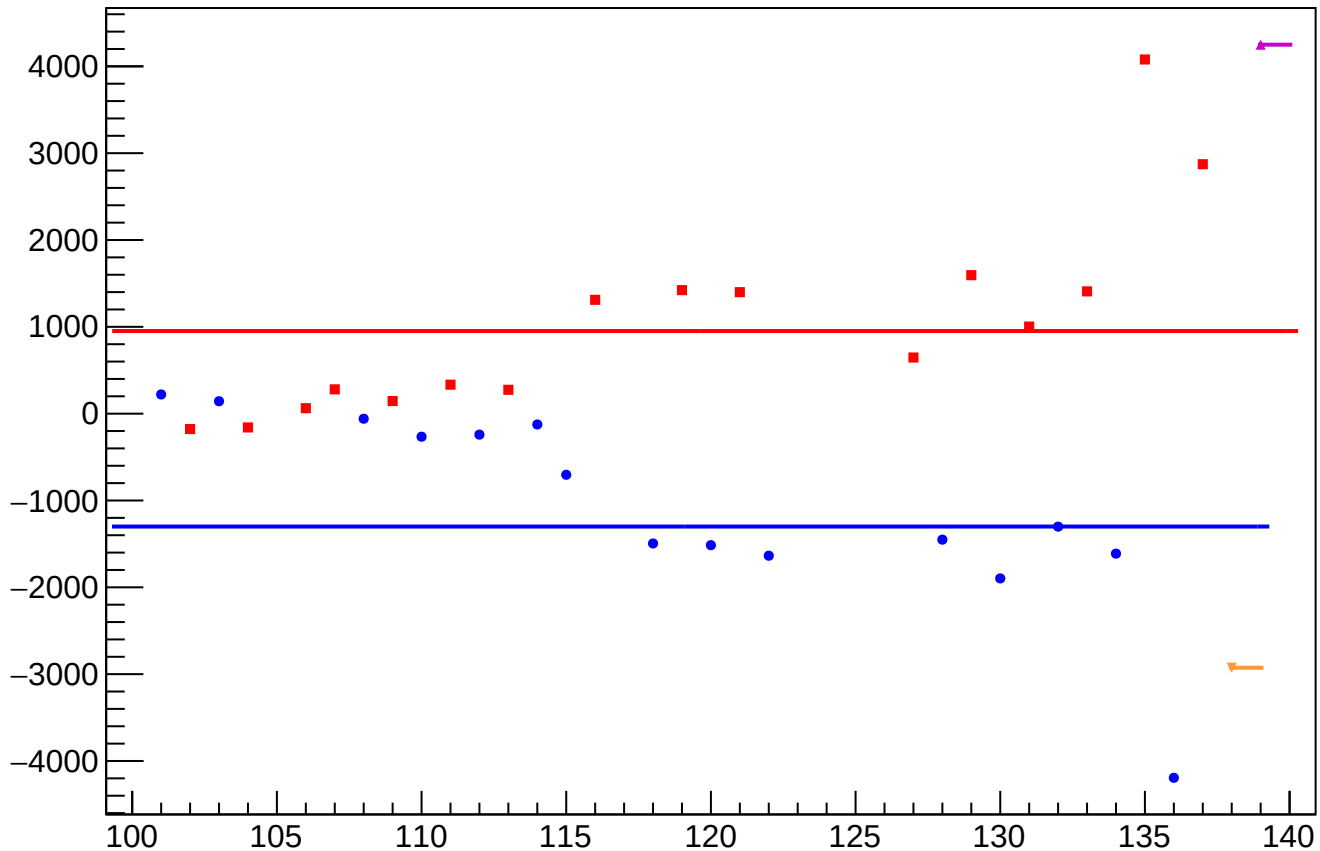
χ^2/NDF : 1234771916254

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 ± 0.000 $\chi^2/\text{NDF}: 32737841591587454251521906421545304064.0/14$
 Left Out: 779.487 ± 0.000 $\chi^2/\text{NDF}: 1008126.4/0$
 Right Out: -1007.906 ± 0.000 $\chi^2/\text{NDF}: 69077878009873965622695939627477368832.0/15$
 Left In: -897.407 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 882.025 ± 0.000 $\chi^2/\text{NDF}: 32122468157986984$
 Out: -820.769 ± 0.000 $\chi^2/\text{NDF}: 292180223763152$
 All: 21.969 ± 0.000 $\chi^2/\text{NDF}: 1682487417124$

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: 4249.613+/-0.000

χ^2/NDF : 0.0/0

Left: 729.454+/-0.000 χ^2/NDF : 2046030503524160

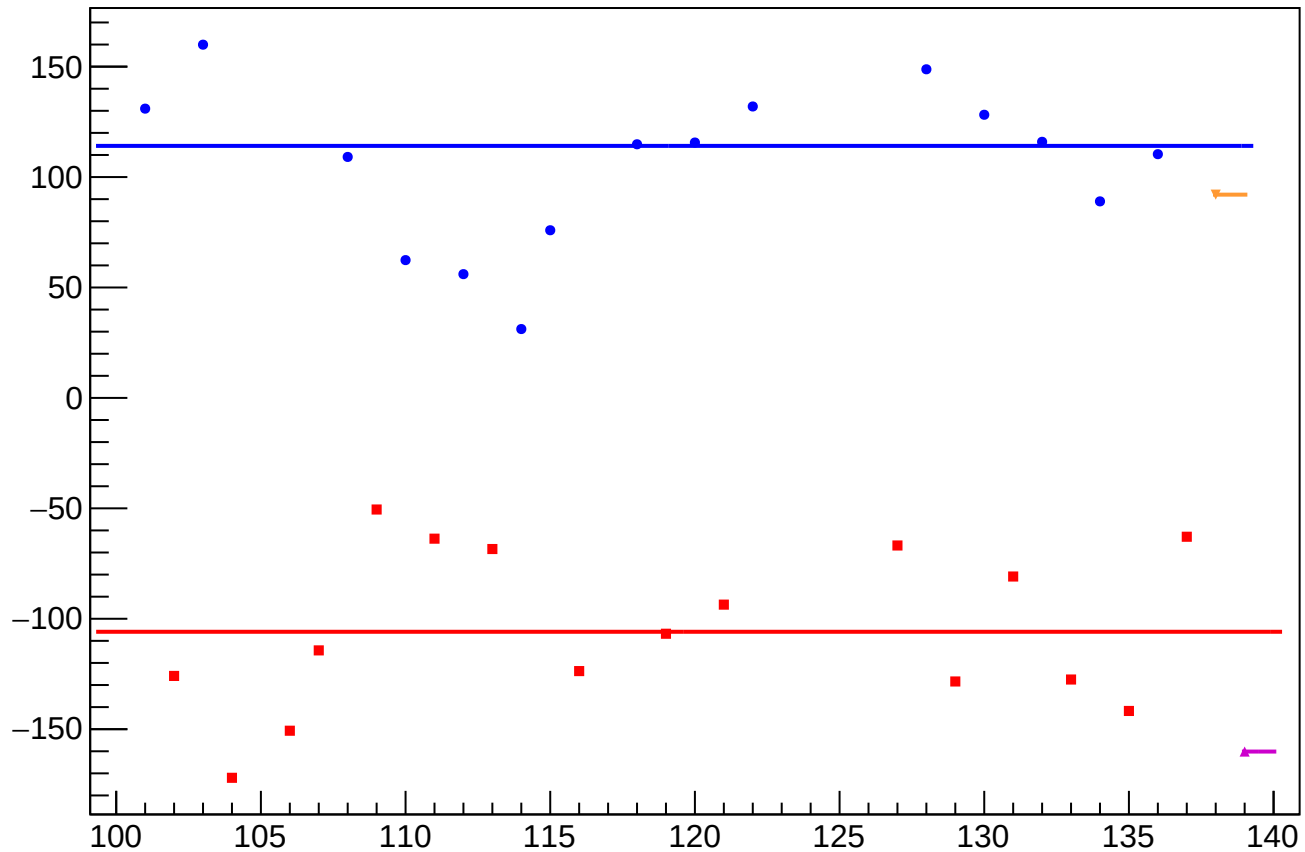
Right: -158.600+/-0.000 χ^2/NDF : 37088904648604

In: -684.135+/-0.000 χ^2/NDF : 3417422548480498

Out: 545.884+/-0.000 χ^2/NDF : 1891532974396838

All: -62.871+/-0.000 χ^2/NDF : 586679773596

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: -160.128 +/- 0.000

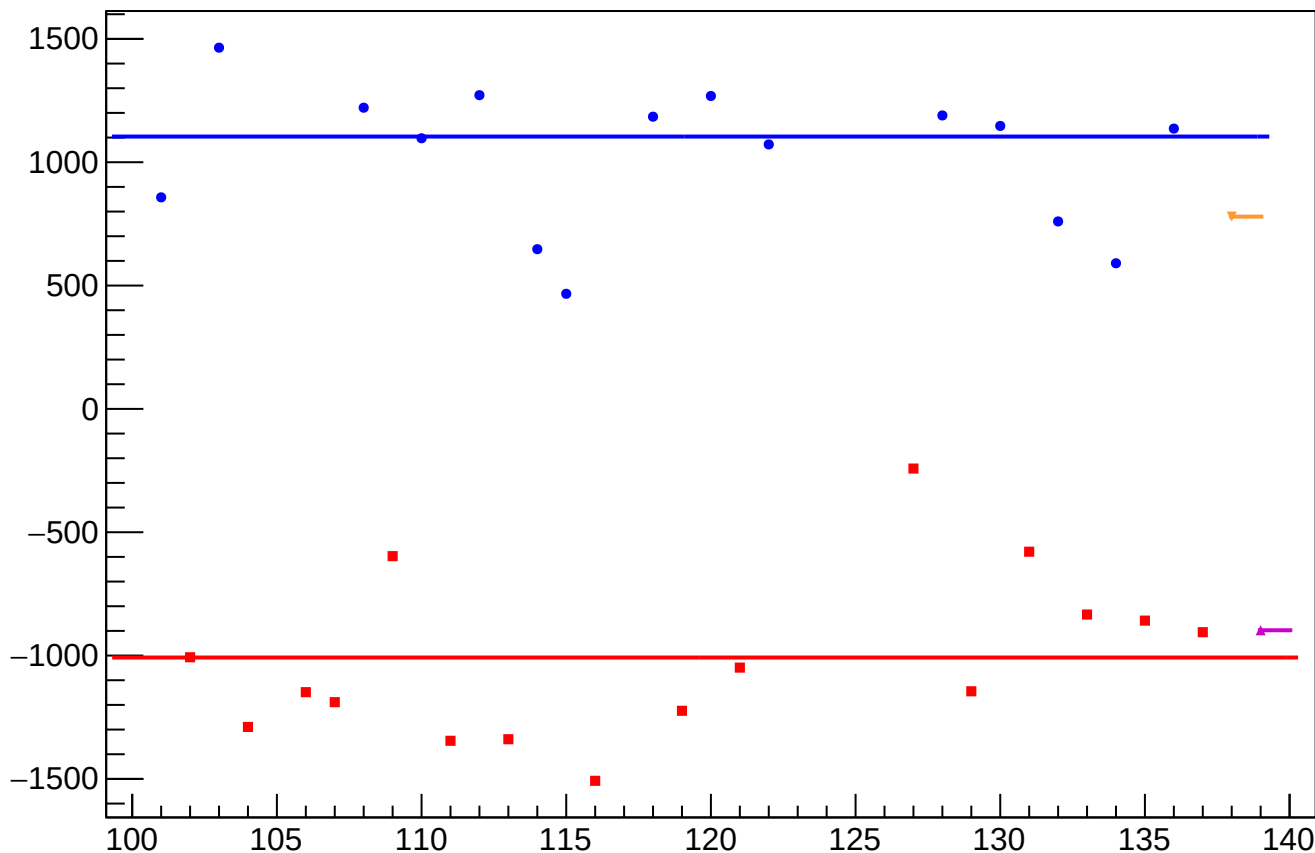
χ^2/NDF : 0.0/0

In: 83.688 +/- 0.000 χ^2/NDF : 602333611730419216

Out: -85.167 +/- 0.000 χ^2/NDF : 3587685085706064

All: -1.598 +/- 0.000 χ^2/NDF : 2012367755563

dit_sam6_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: -897.407+/-0.000

χ^2/NDF : 0.0/0

In: 882.025+/-0.000

χ^2/NDF : 32122468157986984

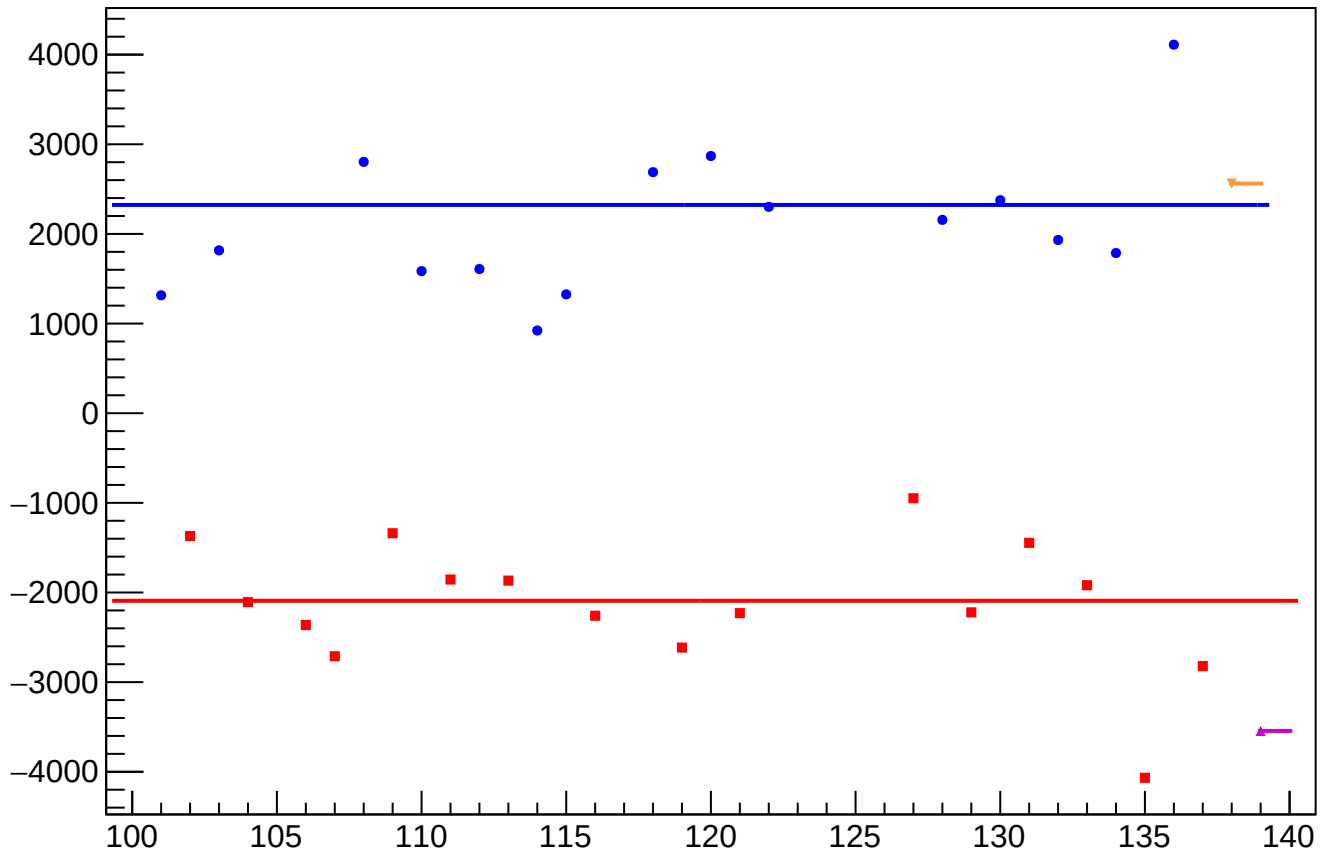
Out: -820.769+/-0.000

χ^2/NDF : 292180223763152

All: 21.969+/-0.000

χ^2/NDF : 1682487417124

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: -3544.305+/-0.000

χ^2/NDF : 0.0/0

In: 1672.301+/-0.000

χ^2/NDF : 2955729345752453

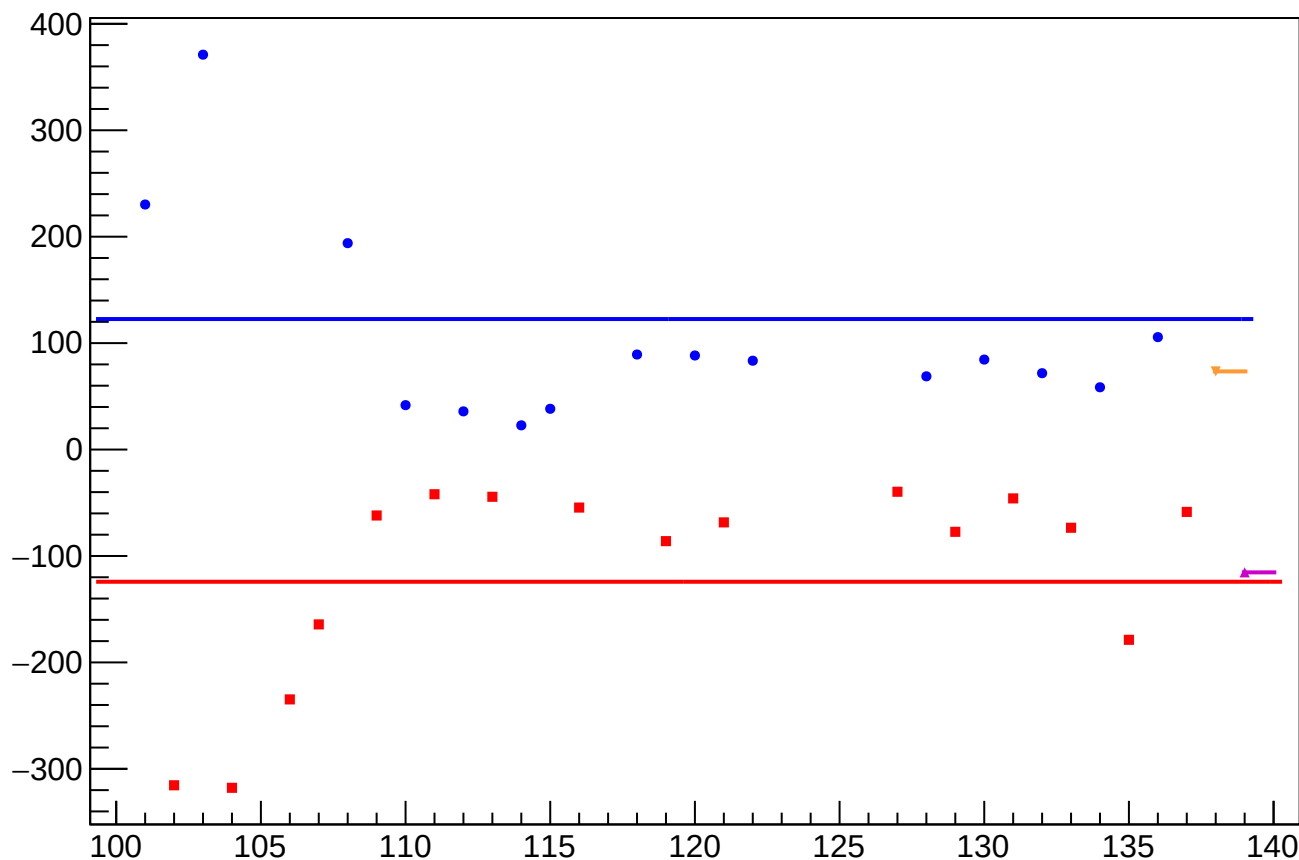
Out: -1605.203+/-0.000

χ^2/NDF : 18796455974768

All: 16.884+/-0.000

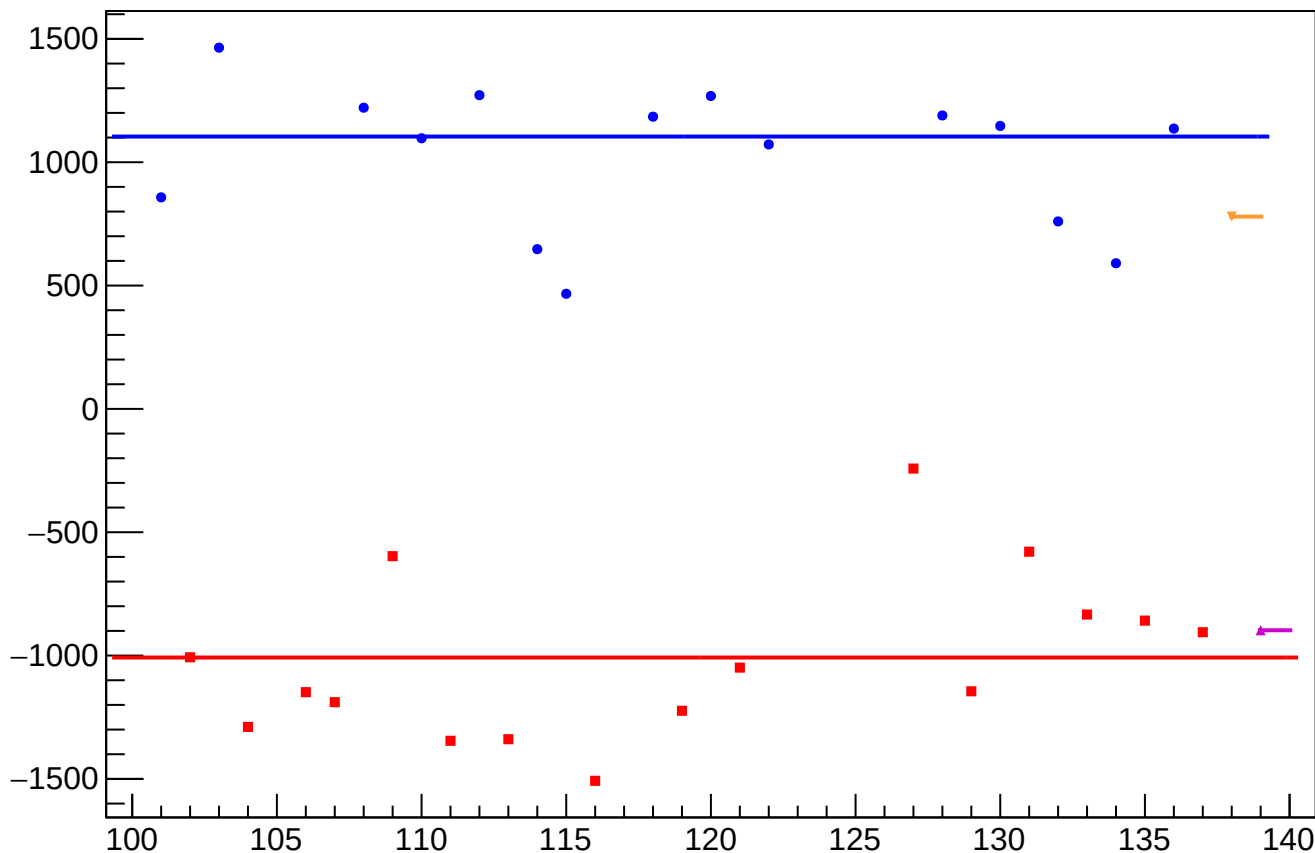
χ^2/NDF : 8796088667255

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: -115.398+/-0.000 χ^2/NDF : 16357.8/0
 In: 96.212+/-0.000 χ^2/NDF : 100172581101974712
 Out: -103.523+/-0.000 χ^2/NDF : 927764491384964
 All: -4.671+/-0.000 χ^2/NDF : 3400429272392

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 ± 0.000

$\chi^2/\text{NDF}: 32737841591587454251521906421545304064.0/14$

Left: -74.780 ± 0.000 $\chi^2/\text{NDF}: 1117362322528623$

Right: 33.659 ± 0.000 $\chi^2/\text{NDF}: 1569083056347410$

Left Out: 779.487 ± 0.000 $\chi^2/\text{NDF}: 1008126.4/0$

Right Out: -1007.906 ± 0.000

$\chi^2/\text{NDF}: 69077878009873965622695939627477368832.0/15$

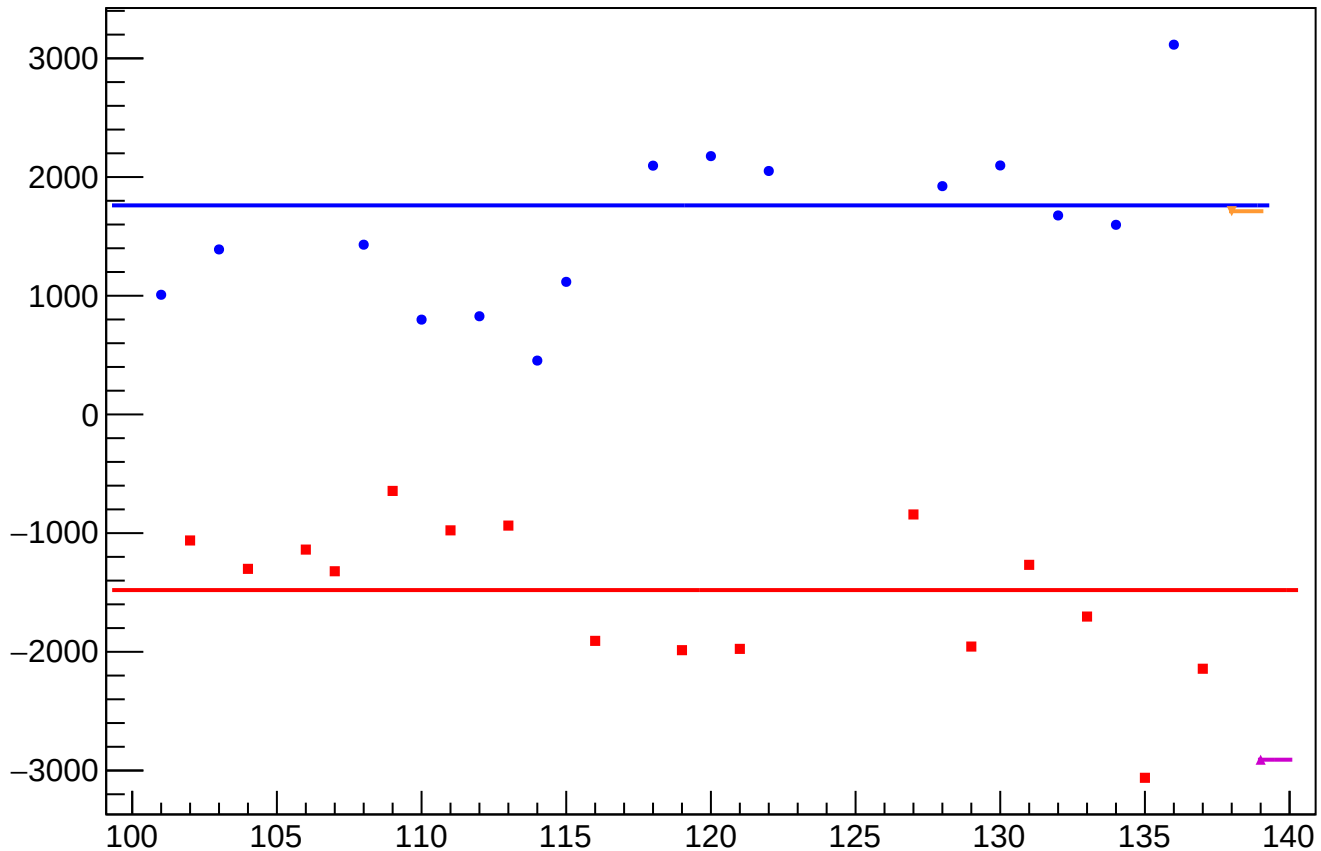
In: 882.025 ± 0.000 $\chi^2/\text{NDF}: 32122468157986984$

Out: -820.769 ± 0.000 $\chi^2/\text{NDF}: 292180223763152$

Left In: -897.407 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 21.969 ± 0.000 $\chi^2/\text{NDF}: 1682487417124$

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: -2908.864+/-0.000

χ^2/NDF : 0.0/0

Left: -641.976+/-0.000

χ^2/NDF : 848491735161066

Right: 118.557+/-0.000

χ^2/NDF : 405096794129398

In: 1243.055+/-0.000

χ^2/NDF : 190278963557033

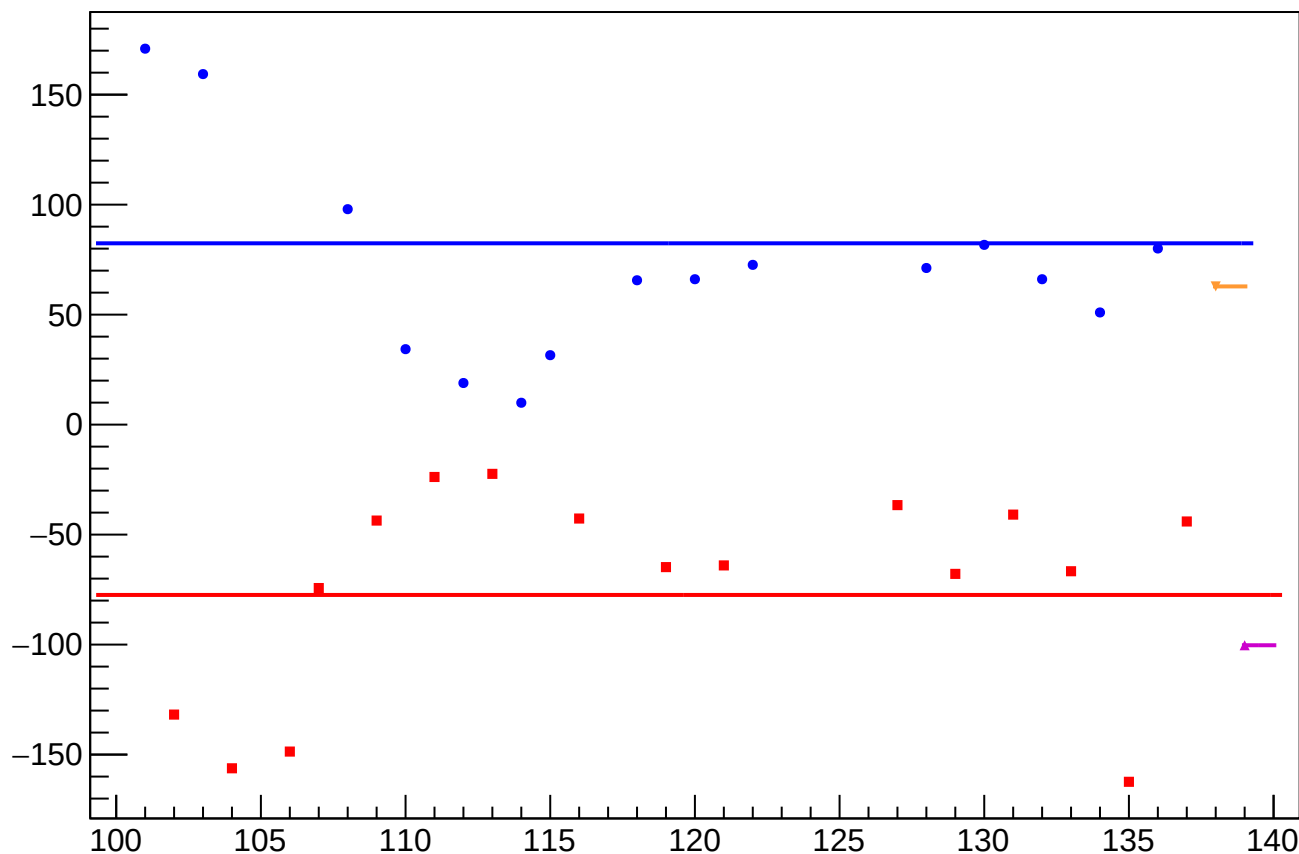
Out: -1145.615+/-0.000

χ^2/NDF : 97494811359995

All: 36.574+/-0.000

χ^2/NDF : 4981513120829

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: -100.299+/-0.000

χ^2/NDF : 0.0/0

In: 62.148+/-0.000

χ^2/NDF : 366790270986010960

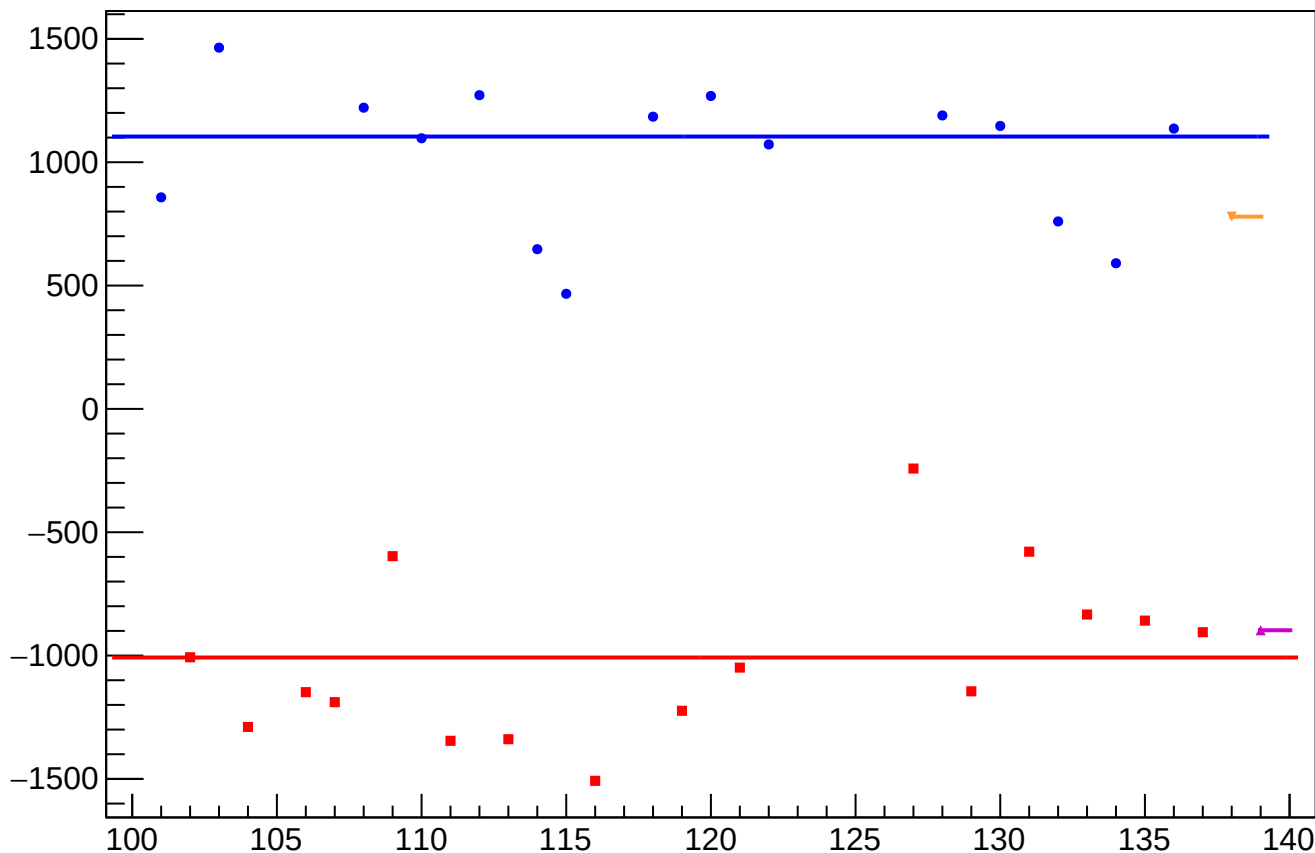
Out: -62.746+/-0.000

χ^2/NDF : 2889164634053616

All: -0.934+/-0.000

χ^2/NDF : 1230835538488

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: -897.407+/-0.000

χ^2/NDF : 0.0/0

In: 882.025+/-0.000

χ^2/NDF : 32122468157986984

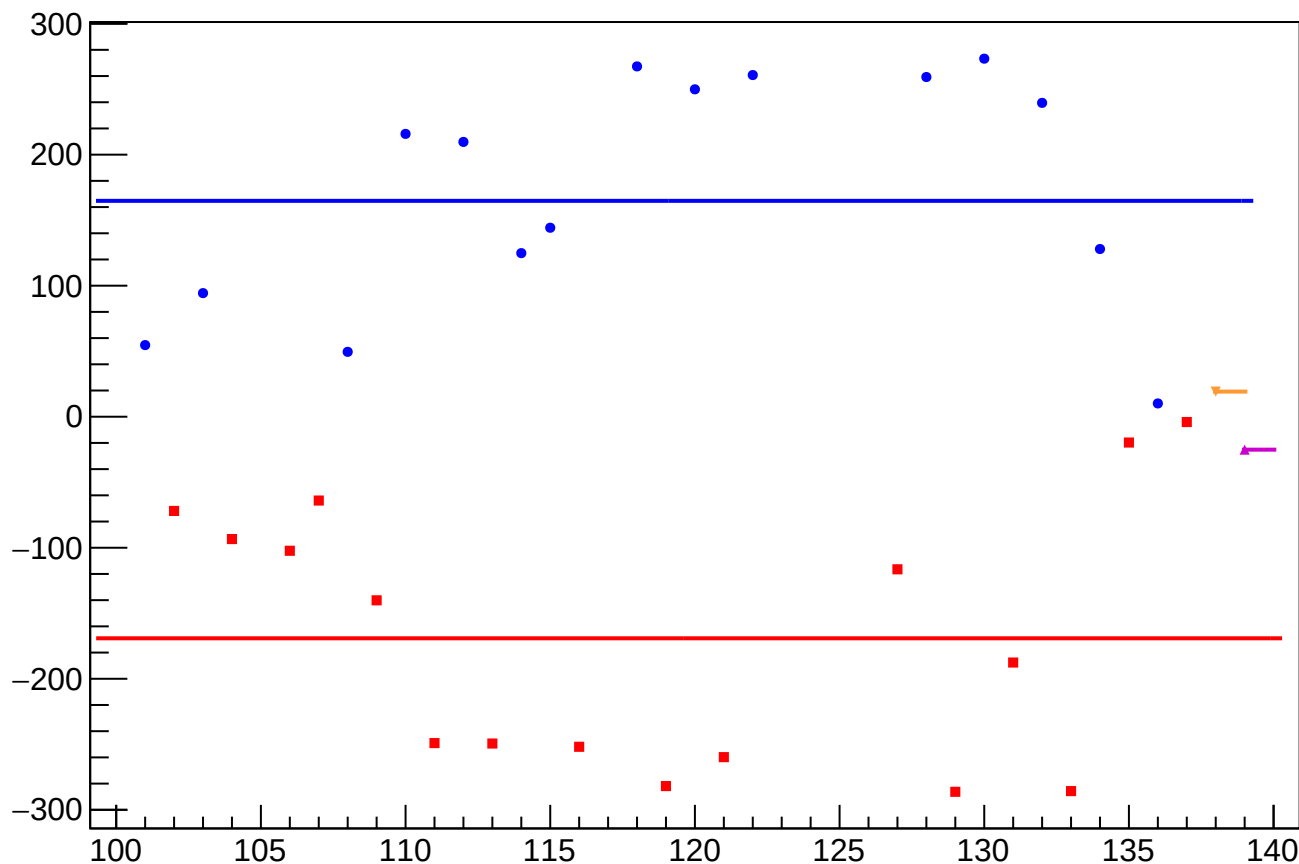
Out: -820.769+/-0.000

χ^2/NDF : 292180223763152

All: 21.969+/-0.000

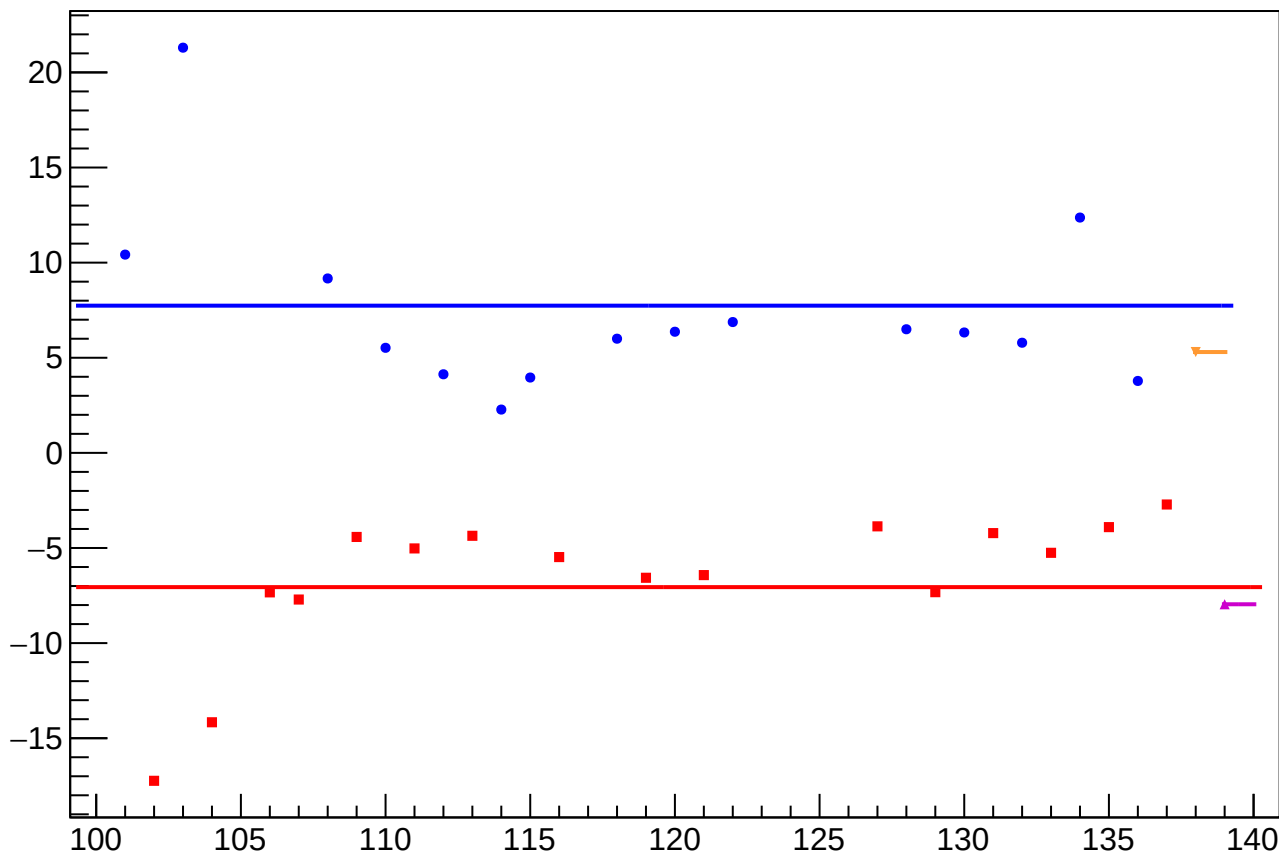
χ^2/NDF : 1682487417124

dit_4aX_coil7_mean vs Slug, Sign Corrected



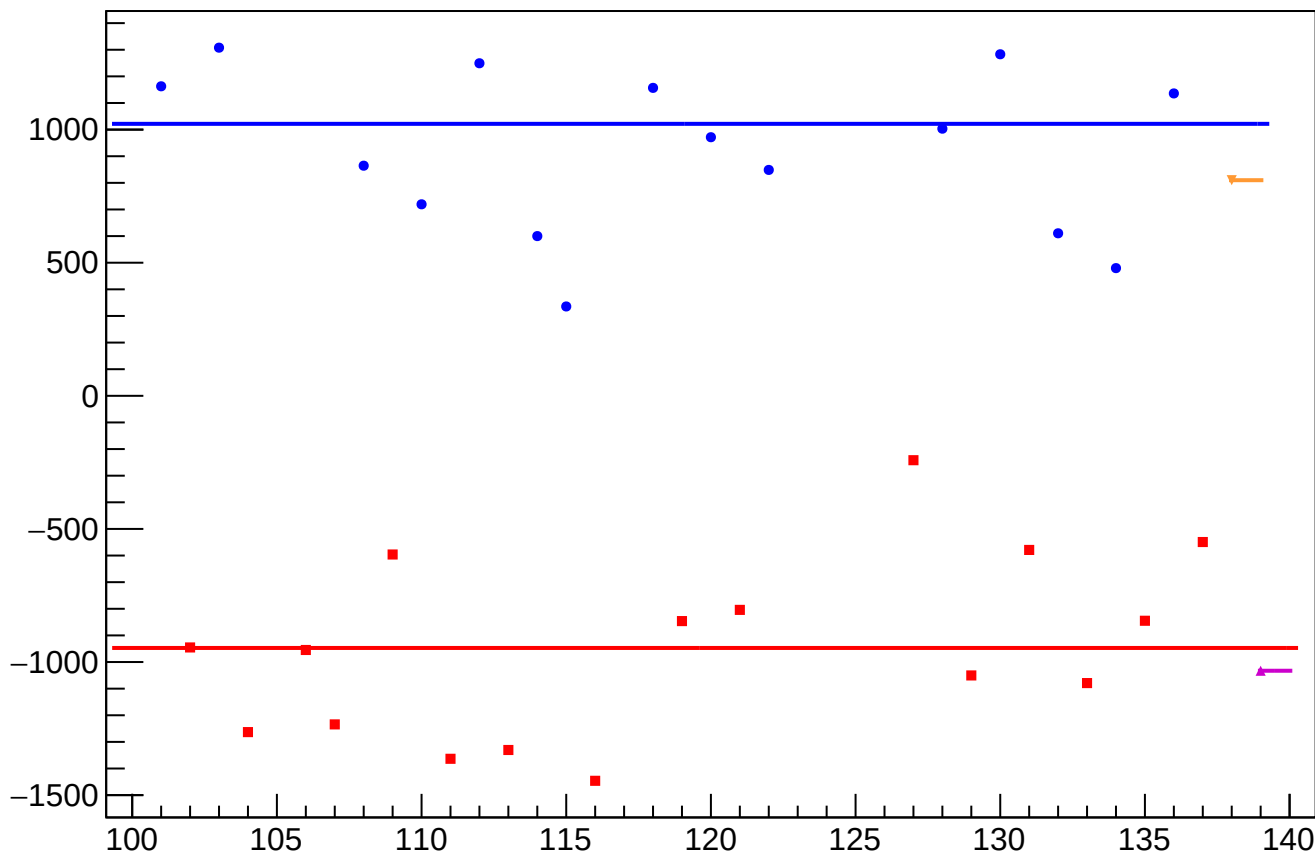
Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14
 Left Out: 19.178+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15
 Left In: -25.139+/-0.000 χ^2/NDF : 1022.4/0
 In: 143.682+/-0.000 χ^2/NDF : 8966471997036898.0/14
 Out: -149.394+/-0.000 χ^2/NDF : 851641424707217.0/14
 All: -4.347+/-0.000 χ^2/NDF : 4915288049451.0/14

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



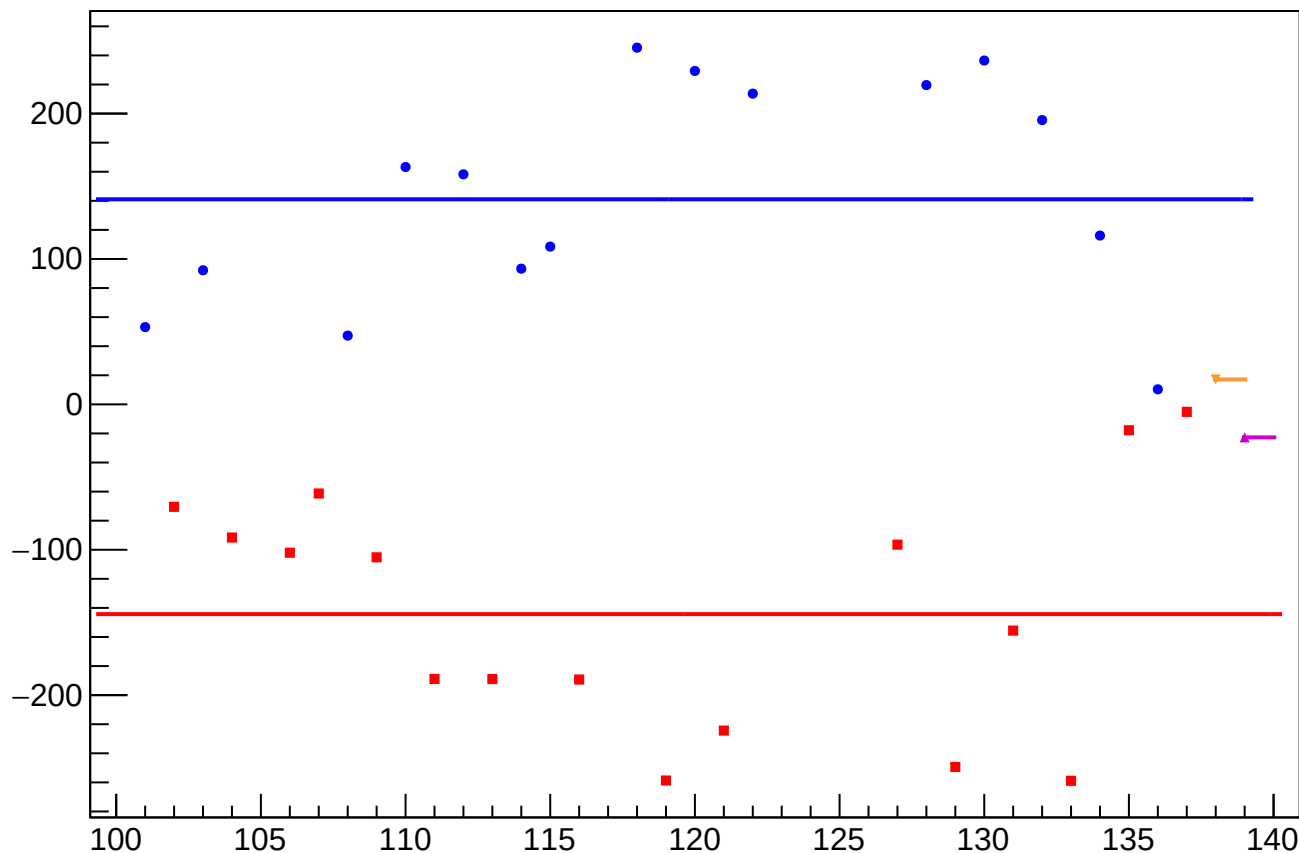
Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 5.301+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: -7.959+/-0.000 χ^2/NDF : 0.0/0
 In: 5.997+/-0.000 χ^2/NDF : 3287047067079926099
 Out: -5.763+/-0.000 χ^2/NDF : 21956892290487835
 All: 0.057+/-0.000 χ^2/NDF : 10581713808455

dit_4aX_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: -1032.741+/-0.000 χ^2/NDF : 4187601.9/0
 In: 793.727+/-0.000 χ^2/NDF : 34443276842083690
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 7.358+/-0.000 χ^2/NDF : 15215677858323

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: -22.702+/-0.000

χ^2/NDF : 0.0/0

Left: -3.151+/-0.000 χ^2/NDF : 63113871522428812

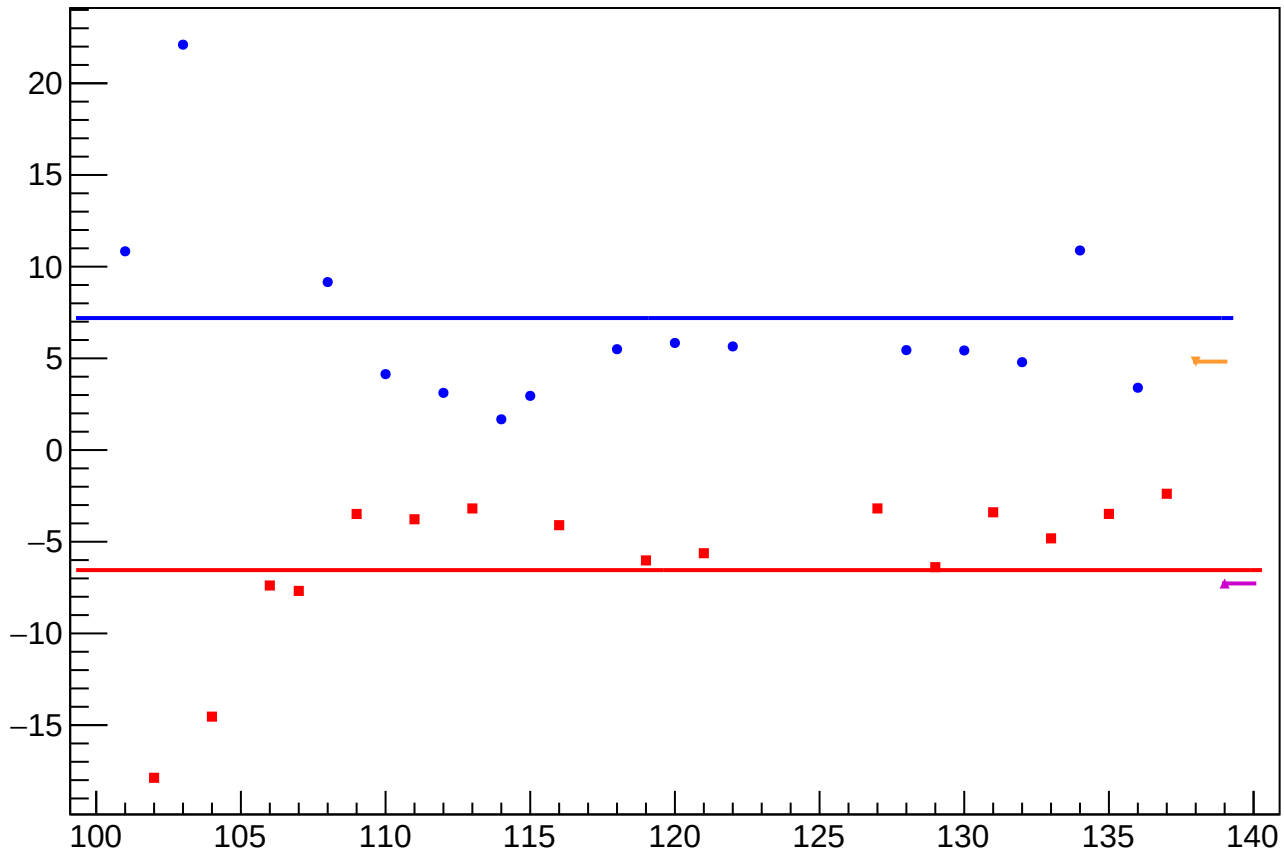
Right: -3.577+/-0.000 χ^2/NDF : 3555338643006251

In: 122.864+/-0.000 χ^2/NDF : 6438528609055874

Out: -127.381+/-0.000 χ^2/NDF : 608828061608527

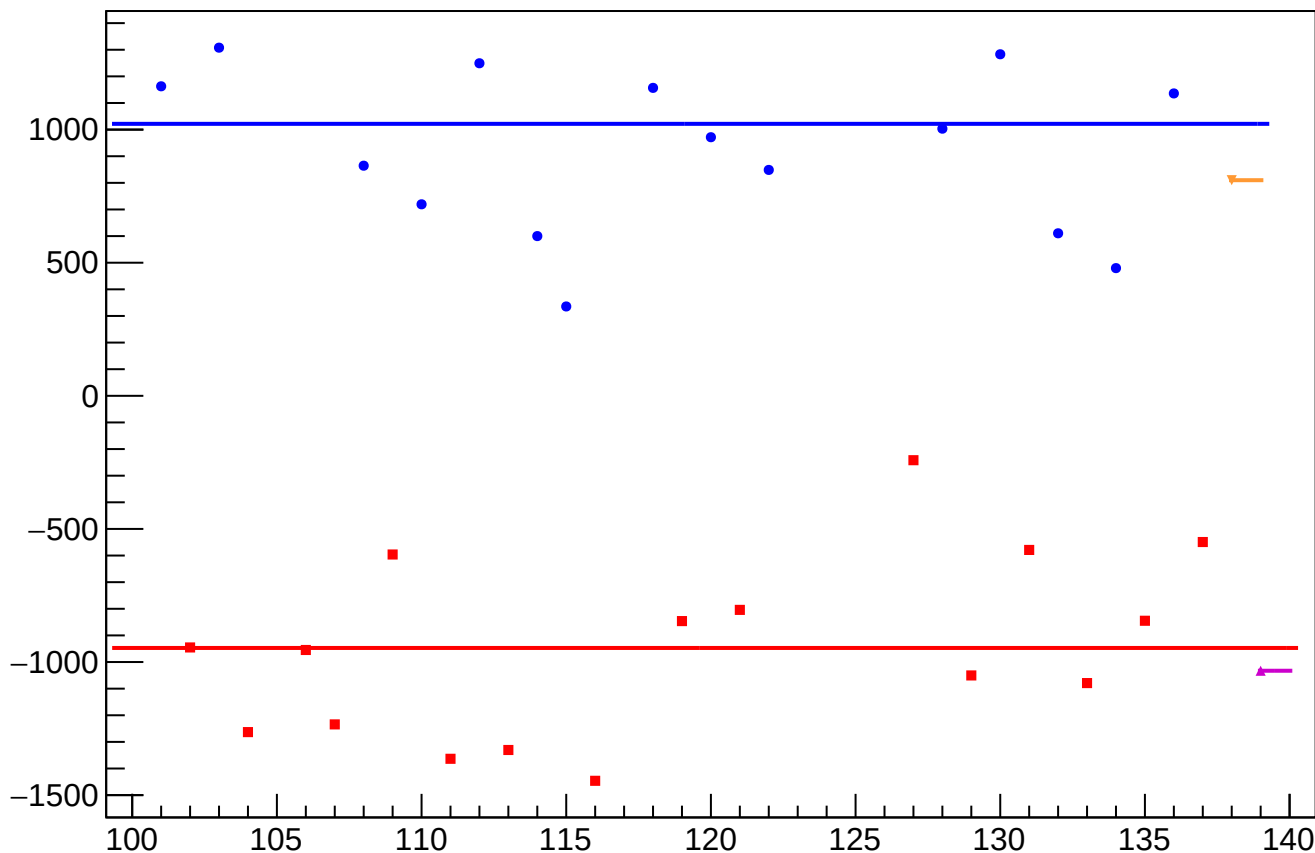
All: -3.531+/-0.000 χ^2/NDF : 3561652602177

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198 ± 0.000 $\chi^2/\text{NDF}: 18212640728502785337831966963138560.0/14$
 Left Out: 4.823 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -6.547 ± 0.000 $\chi^2/\text{NDF}: 14078912505116068936230809834094592.0/15$
 Left In: -7.276 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 5.592 ± 0.000 $\chi^2/\text{NDF}: 3329790935448068569$
 Out: -5.356 ± 0.000 $\chi^2/\text{NDF}: 23105577456086547$
 All: 0.062 ± 0.000 $\chi^2/\text{NDF}: 10059767572507$

dit_4eX_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: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

Left: -128.767+/-0.000 χ^2/NDF : 134927006885663

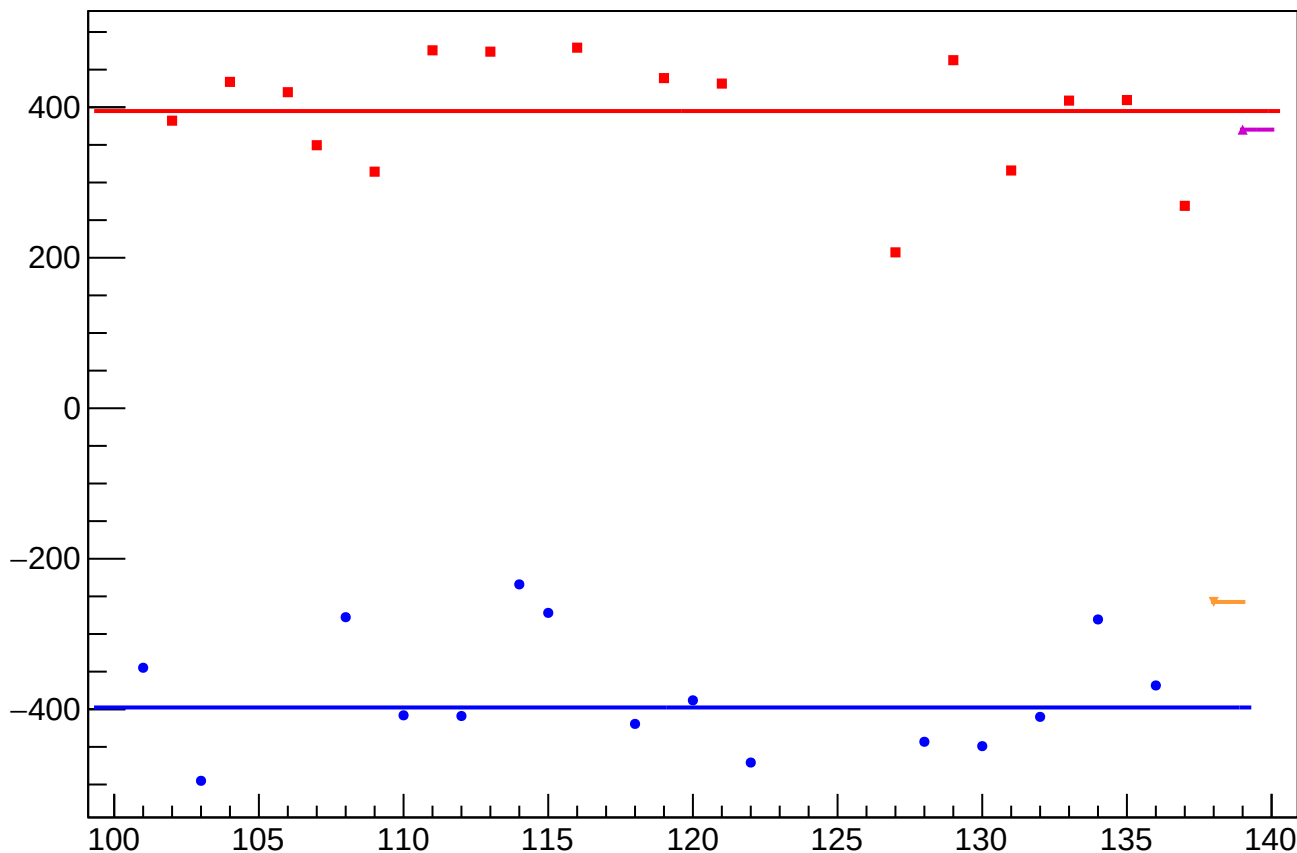
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -763.179+/-0.000 χ^2/NDF : 283393664426041

All: 7.358+/-0.000 χ^2/NDF : 15215677858323

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000

Left Out: -257.409+/-0.000

Right Out: 394.973+/-0.000

Left In: 370.269+/-0.000

χ^2/NDF : 2661280785384633207096106229474263040.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 3685595513427183501596165280874102784.0/15

χ^2/NDF : 0.0/0

Left: 62.352+/-0.000 χ^2/NDF : 15655093384726292

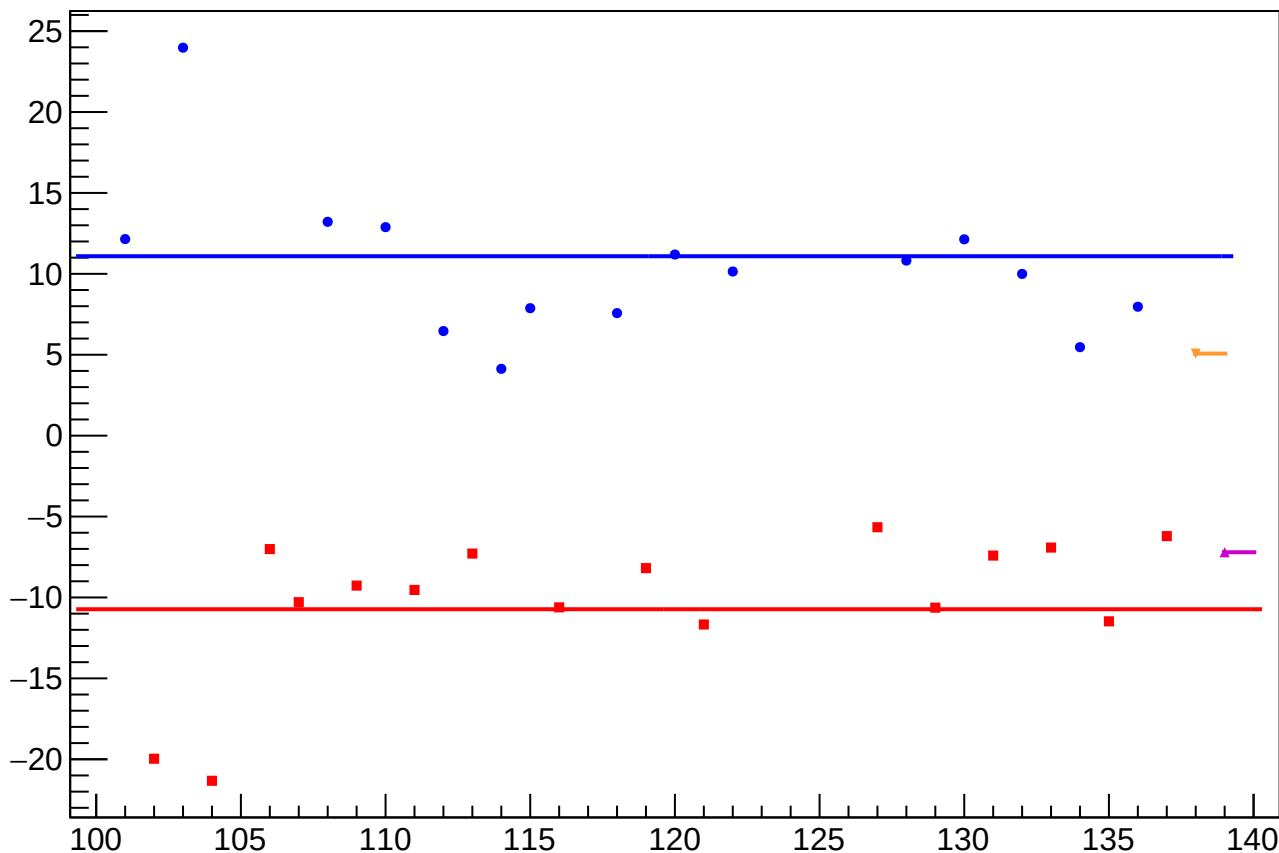
Right: 4.100+/-0.000 χ^2/NDF : 21298342988437283

In: -312.410+/-0.000 χ^2/NDF : 4512281838105742

Out: 326.670+/-0.000 χ^2/NDF : 3340685892240865

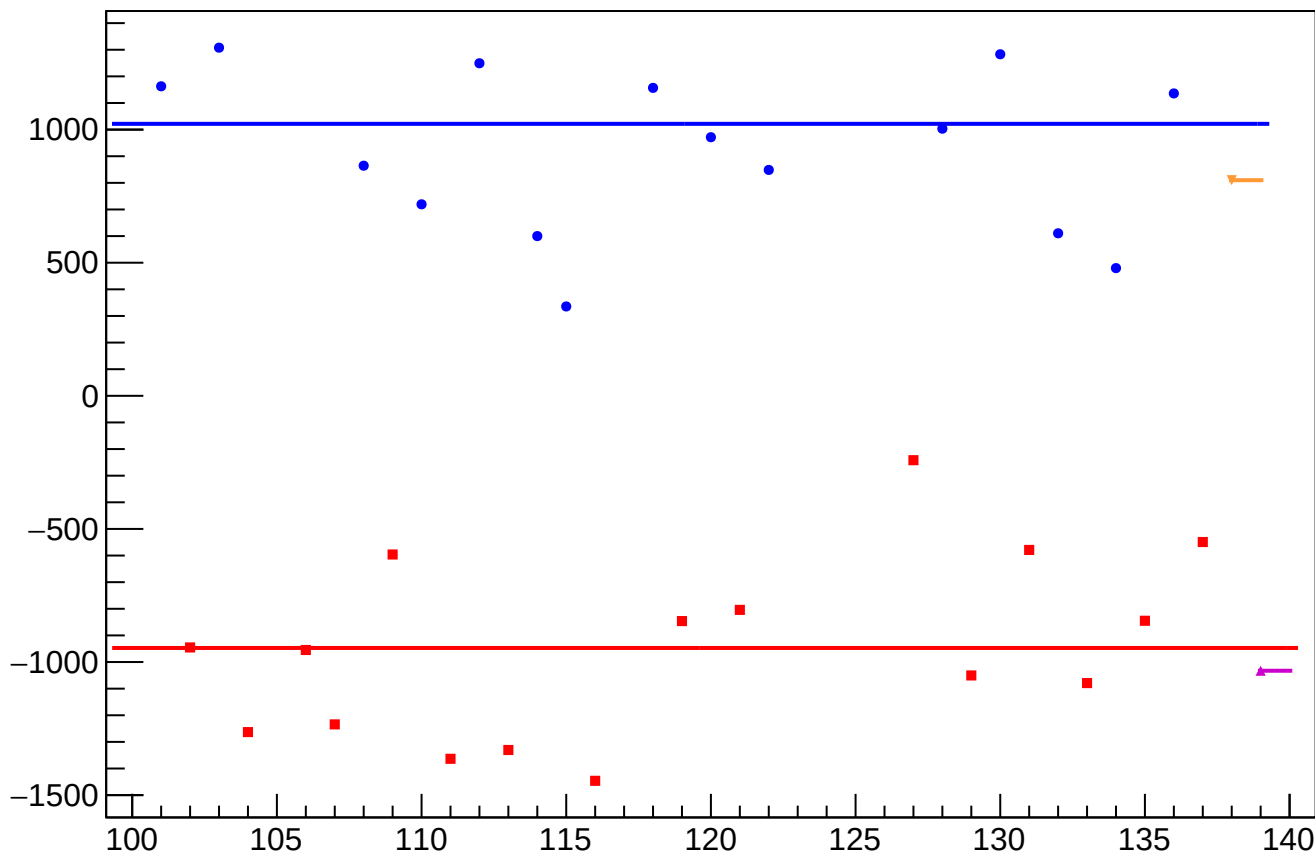
All: 10.380+/-0.000 χ^2/NDF : 2291198862617

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: -7.206 ± 0.000 $\chi^2/\text{NDF}: 63.9/0$
 In: 9.059 ± 0.000 $\chi^2/\text{NDF}: 3833991871762683524$
 Out: -9.074 ± 0.000 $\chi^2/\text{NDF}: 32196019712768865$
 All: -0.100 ± 0.000 $\chi^2/\text{NDF}: 1917632056891$

dit_11X12X_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: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

In: 793.727+/-0.000

χ^2/NDF : 34443276842083690

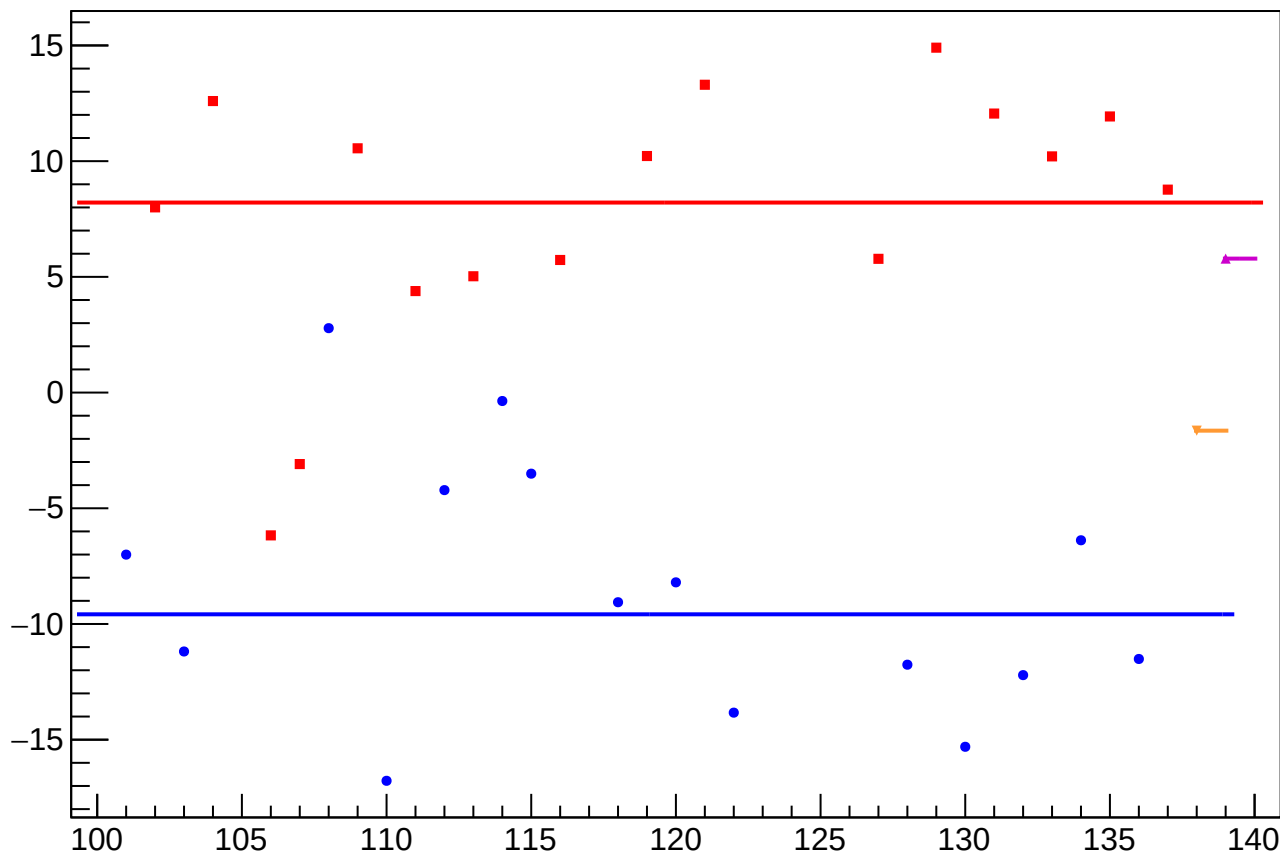
Out: -763.179+/-0.000

χ^2/NDF : 283393664426041

All: 7.358+/-0.000

χ^2/NDF : 15215677858323

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: -9.582+/-0.000

Left Out: -1.646+/-0.000

Right Out: 8.211+/-0.000

Left In: 5.789+/-0.000

χ^2/NDF : 14702679983940002820806471963377664.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 18304237293835961465605754204454912.0/15

χ^2/NDF : 0.0/0

Left: 2.142+/-0.000 χ^2/NDF : 219639164218001665

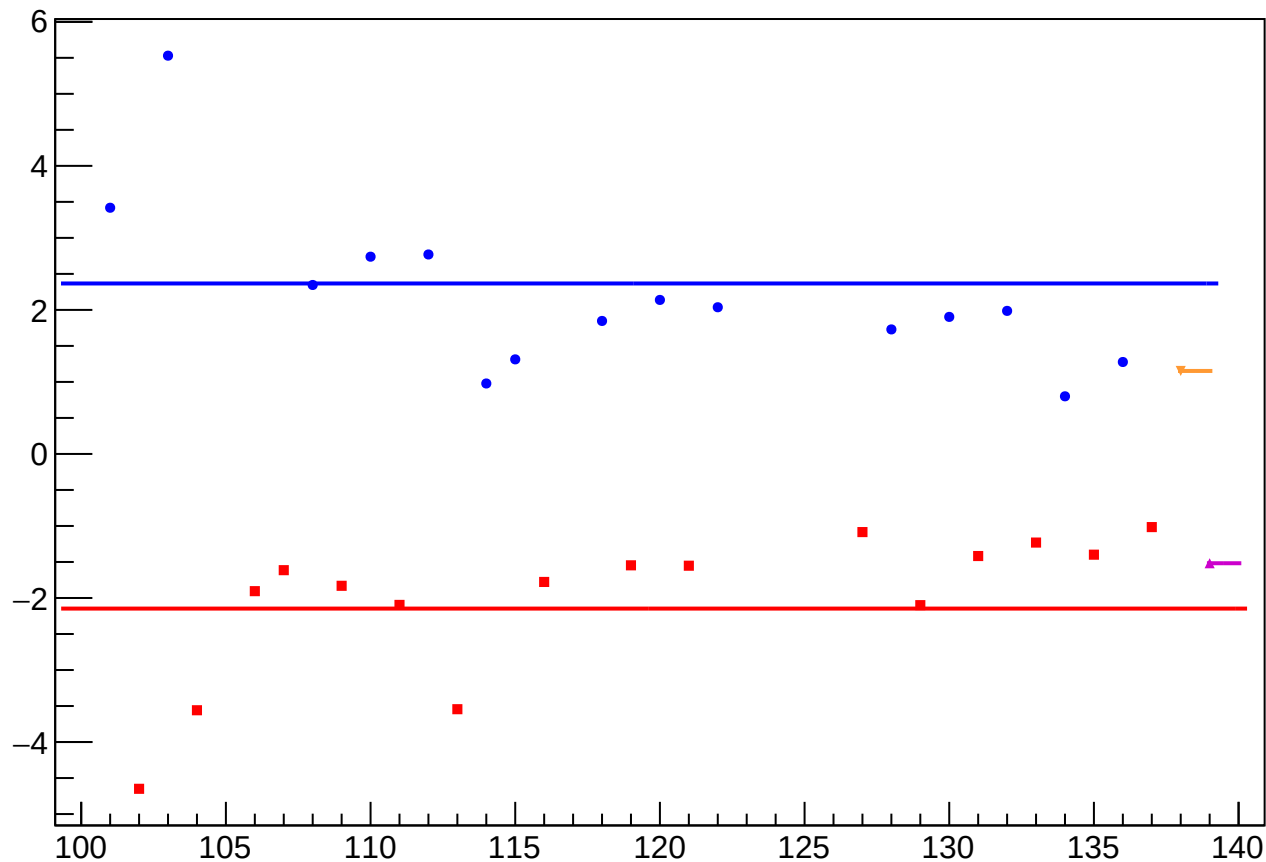
Right: -0.564+/-0.000 χ^2/NDF : 1371493250181668

In: -7.877+/-0.000 χ^2/NDF : 317168252188760794

Out: 7.179+/-0.000 χ^2/NDF : 250893242959653808

All: -0.272+/-0.000 χ^2/NDF : 1403840450904

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000

χ^2/NDF : 920633294546152876922066767446016.0/14

Left: -0.208+/-0.000 χ^2/NDF : 28325693149454187

Right: 0.079+/-0.000 χ^2/NDF : 83877353838823588

Left Out: 1.152+/-0.000

χ^2/NDF : 0.0/0

Right Out: -2.147+/-0.000

χ^2/NDF : 764171992480224478656127555338240.0/15

Left In: -1.518+/-0.000

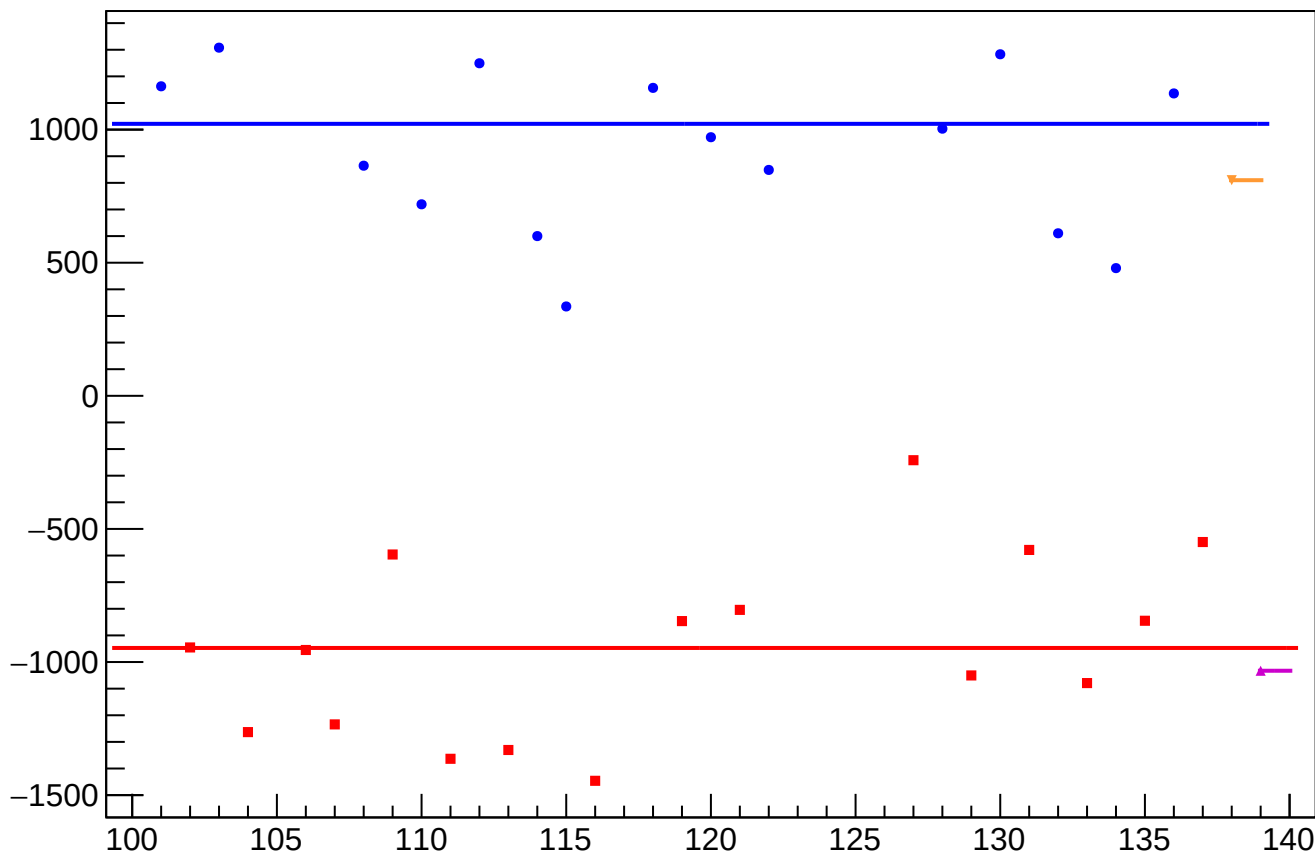
χ^2/NDF : 4.0/0

In: 1.936+/-0.000 χ^2/NDF : 2007286315320814452

Out: -1.802+/-0.000 χ^2/NDF : 15244304362025299

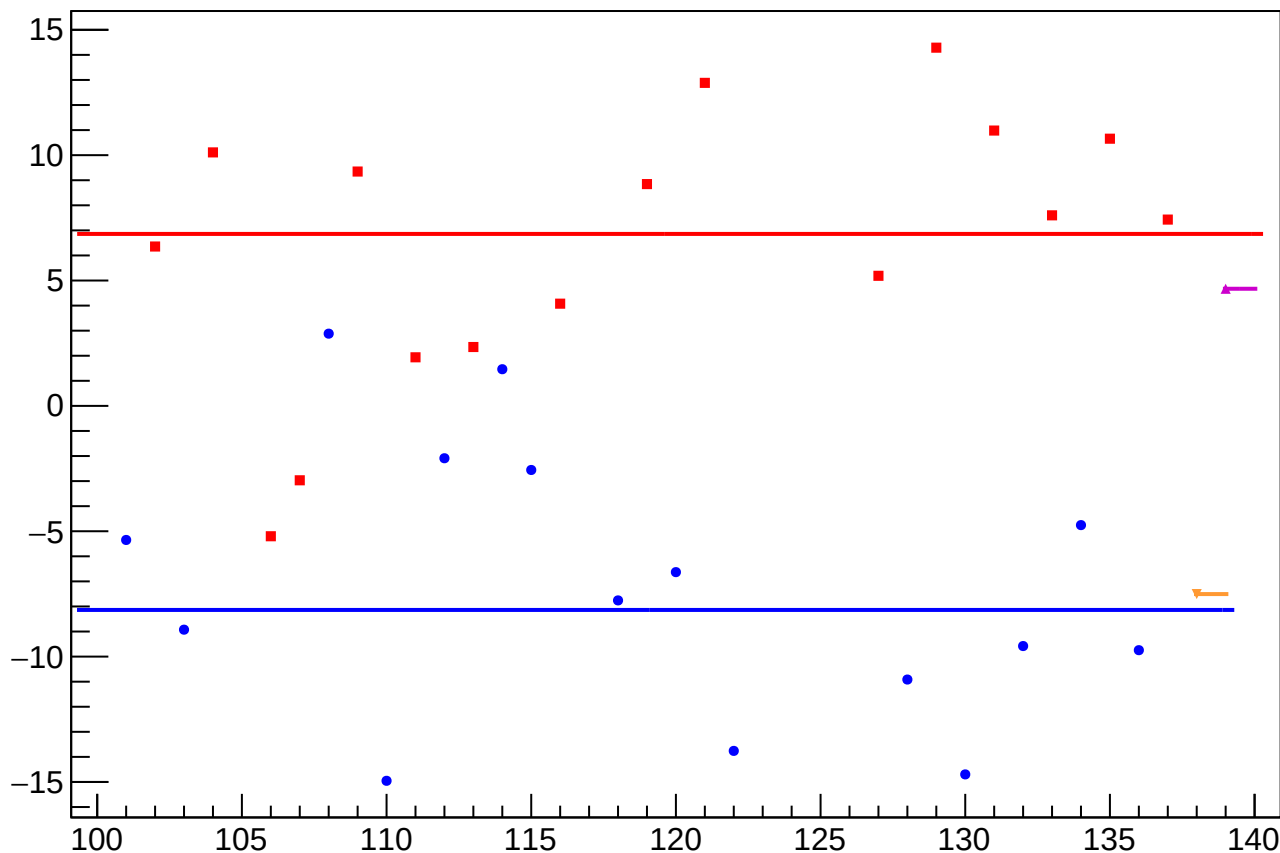
All: 0.048+/-0.000 χ^2/NDF : 86826646285106

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



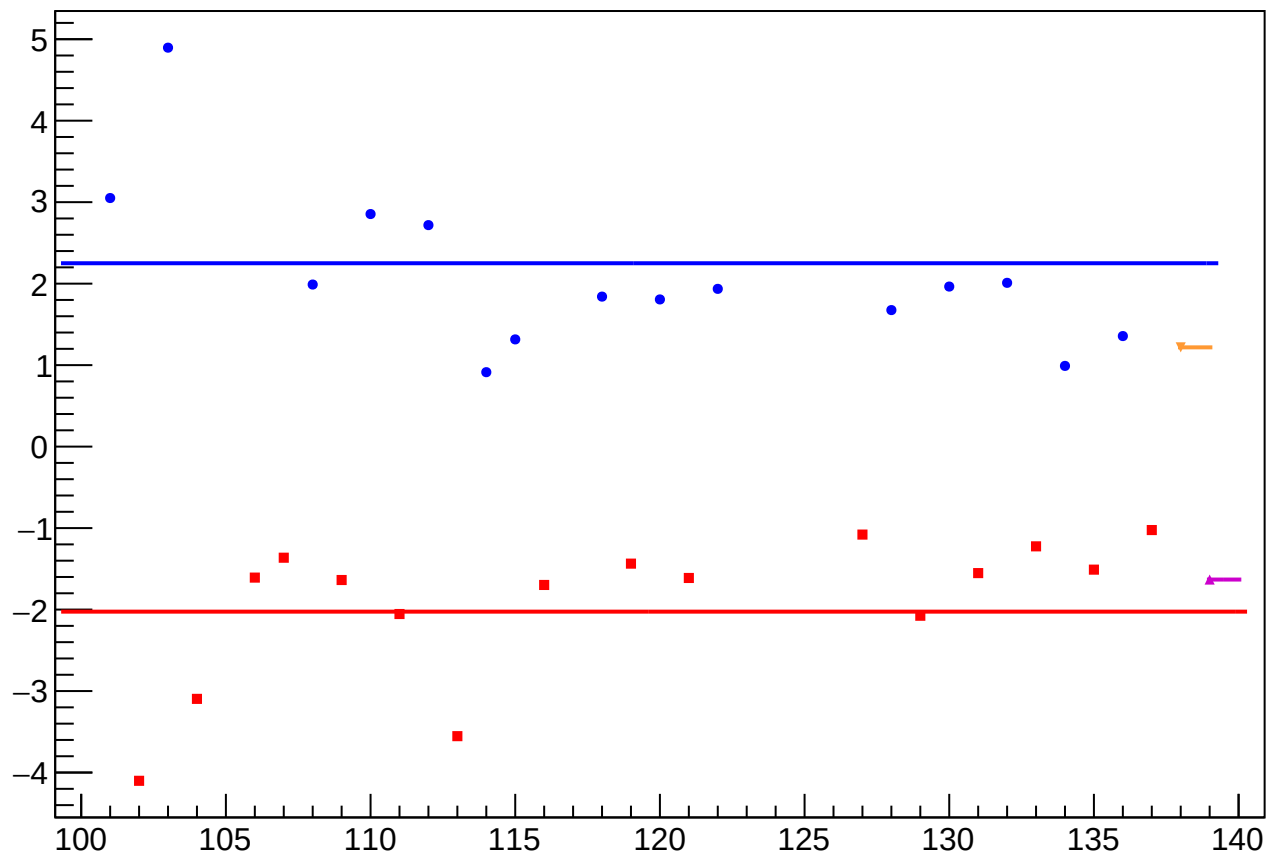
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left: -128.767 $\pm$ 0.000 χ^2 /NDF: 134927006885663
 Left Out: 809.974 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 23.805 $\pm$ 0.000 χ^2 /NDF: 1383338523153511
 In: 793.727 $\pm$ 0.000 χ^2 /NDF: 34443276842083690
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Out: -763.179 $\pm$ 0.000 χ^2 /NDF: 283393664426041
 Left In: -1032.741 $\pm$ 0.000 χ^2 /NDF: 4187601.9/0
 All: 7.358 $\pm$ 0.000 χ^2 /NDF: 15215677858323

dit_4eY_coil7_mean vs Slug, Sign Corrected



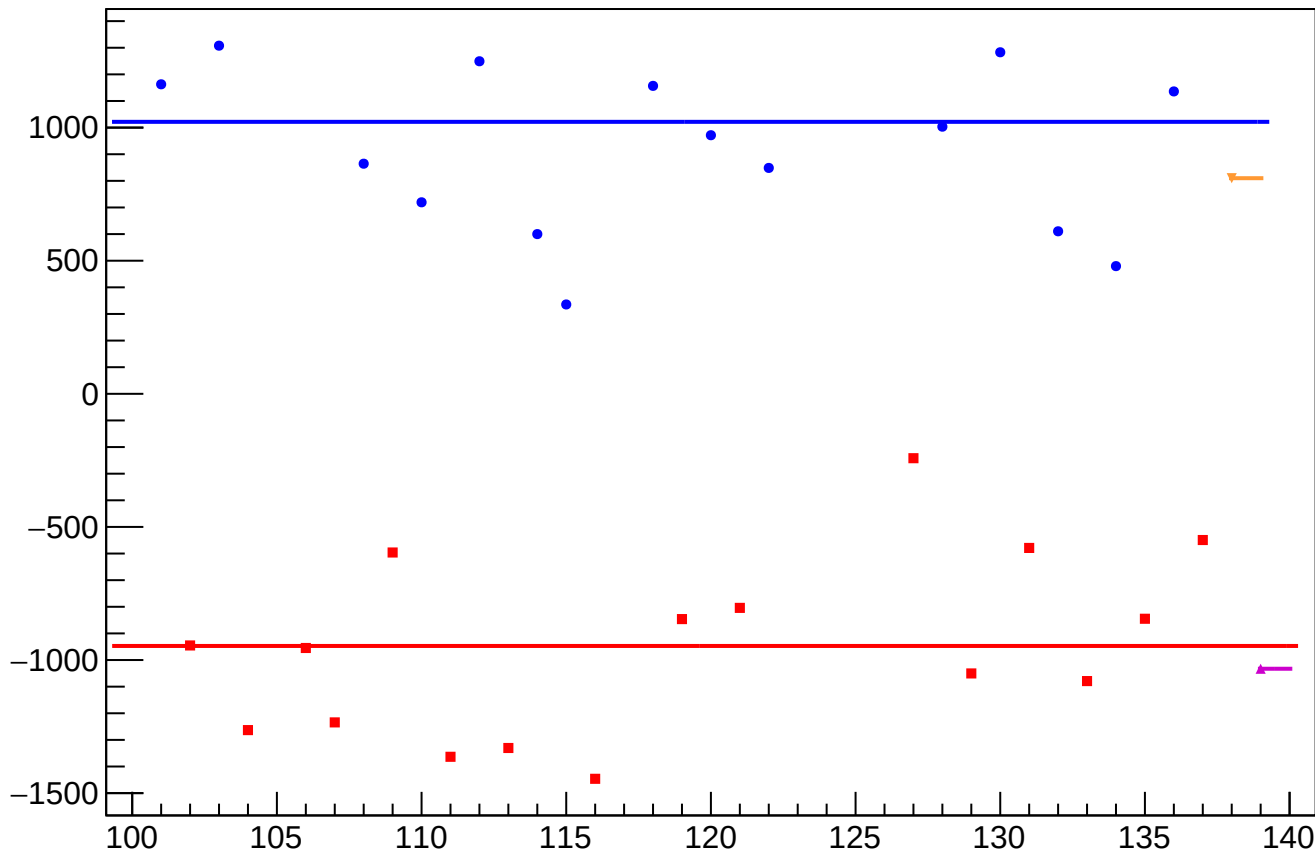
Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14
 Left Out: -7.506 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15
 Left In: 4.672 ± 0.000 χ^2/NDF : 0.0/0
 In: -6.717 ± 0.000 χ^2/NDF : 264943618109103547
 Out: 5.355 ± 0.000 χ^2/NDF : 308936010052026945
 All: -0.620 ± 0.000 χ^2/NDF : 1111231505936

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



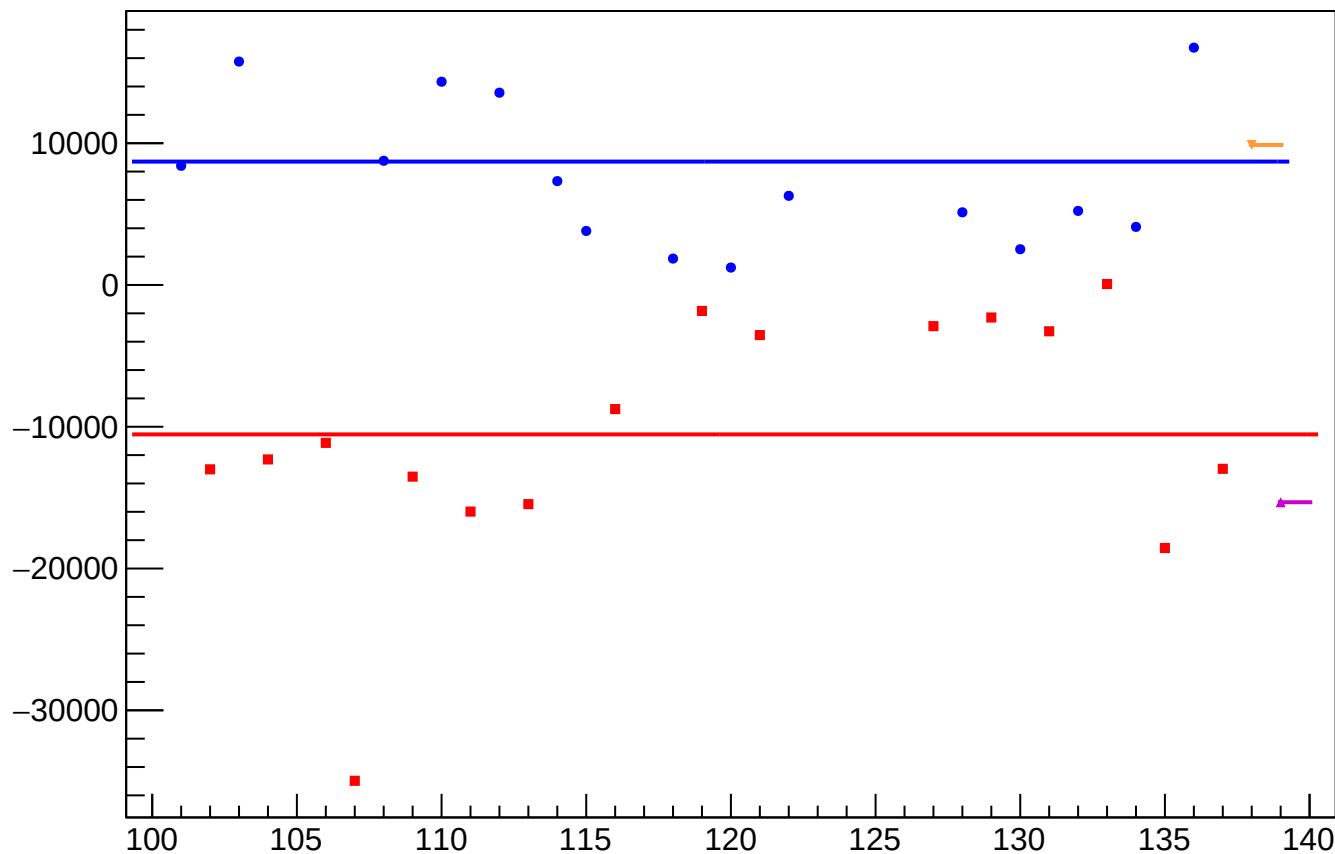
Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.218 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: -1.632 ± 0.000 χ^2/NDF : 0.0/0
 All: 0.049 ± 0.000 χ^2/NDF : 75861765898417

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



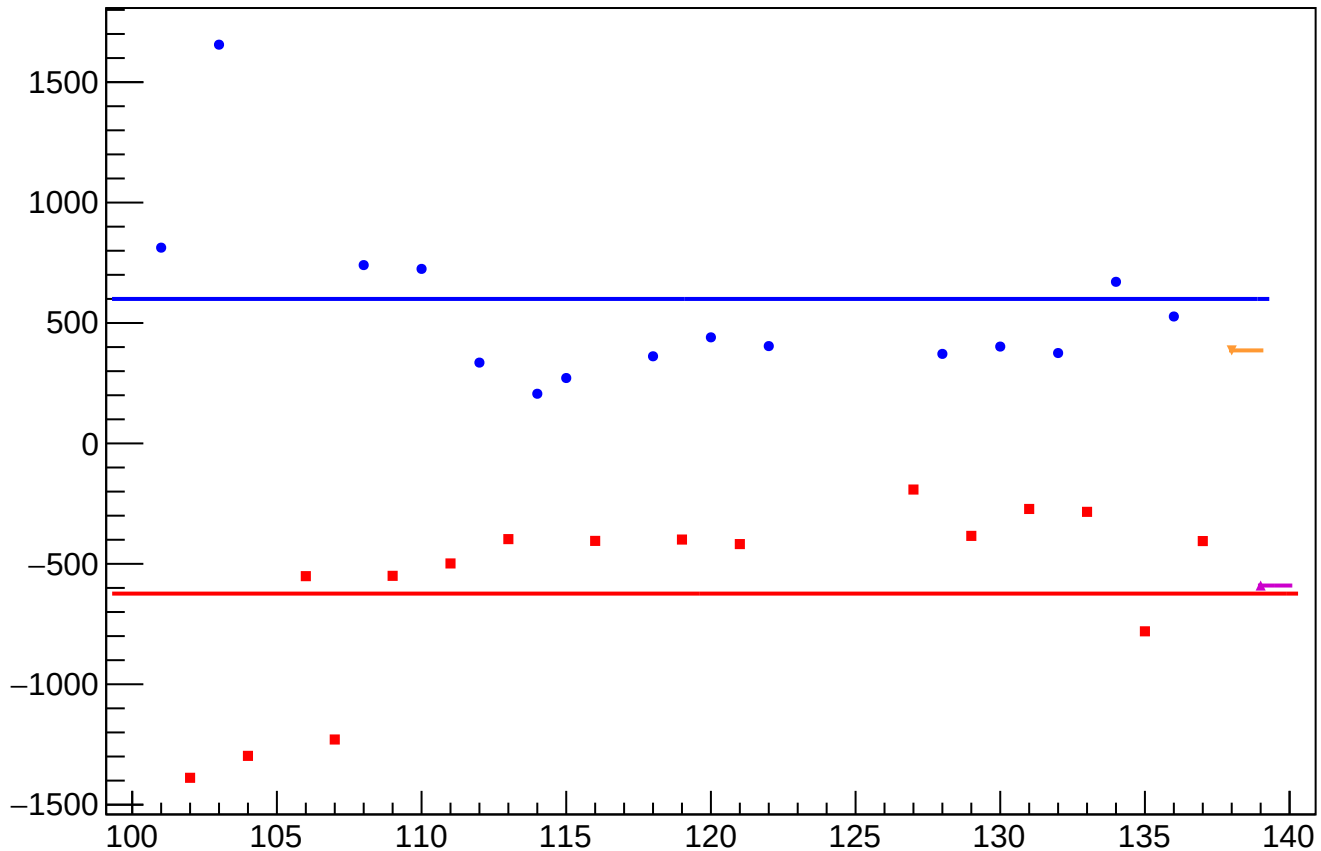
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: -128.767+/-0.000	χ^2/NDF : 134927006885663
Left Out: 809.974+/-0.000	χ^2/NDF : 0.0/0	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 793.727+/-0.000	χ^2/NDF : 34443276842083690
Left In: -1032.741+/-0.000	χ^2/NDF : 4187601.9/0	Out: -763.179+/-0.000	χ^2/NDF : 283393664426041
		All: 7.358+/-0.000	χ^2/NDF : 15215677858323

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left: -2960.662+/-0.000 χ^2/NDF : 25237368131001
 Left Out: 9877.968+/-0.000 χ^2/NDF : 0.0/0
 Right: -1049.596+/-0.000 χ^2/NDF : 1875271262832
 In: 6037.310+/-0.000 χ^2/NDF : 6107402895292526
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Out: -8401.677+/-0.000 χ^2/NDF : 75337913998868
 Left In: -15323.787+/-0.000 χ^2/NDF : 268006518.5/0
 All: -1255.602+/-0.000 χ^2/NDF : 2132825930

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: -590.074+/-0.000

χ^2/NDF : 0.0/0

In: 467.817+/-0.000

χ^2/NDF : 19122251745397185

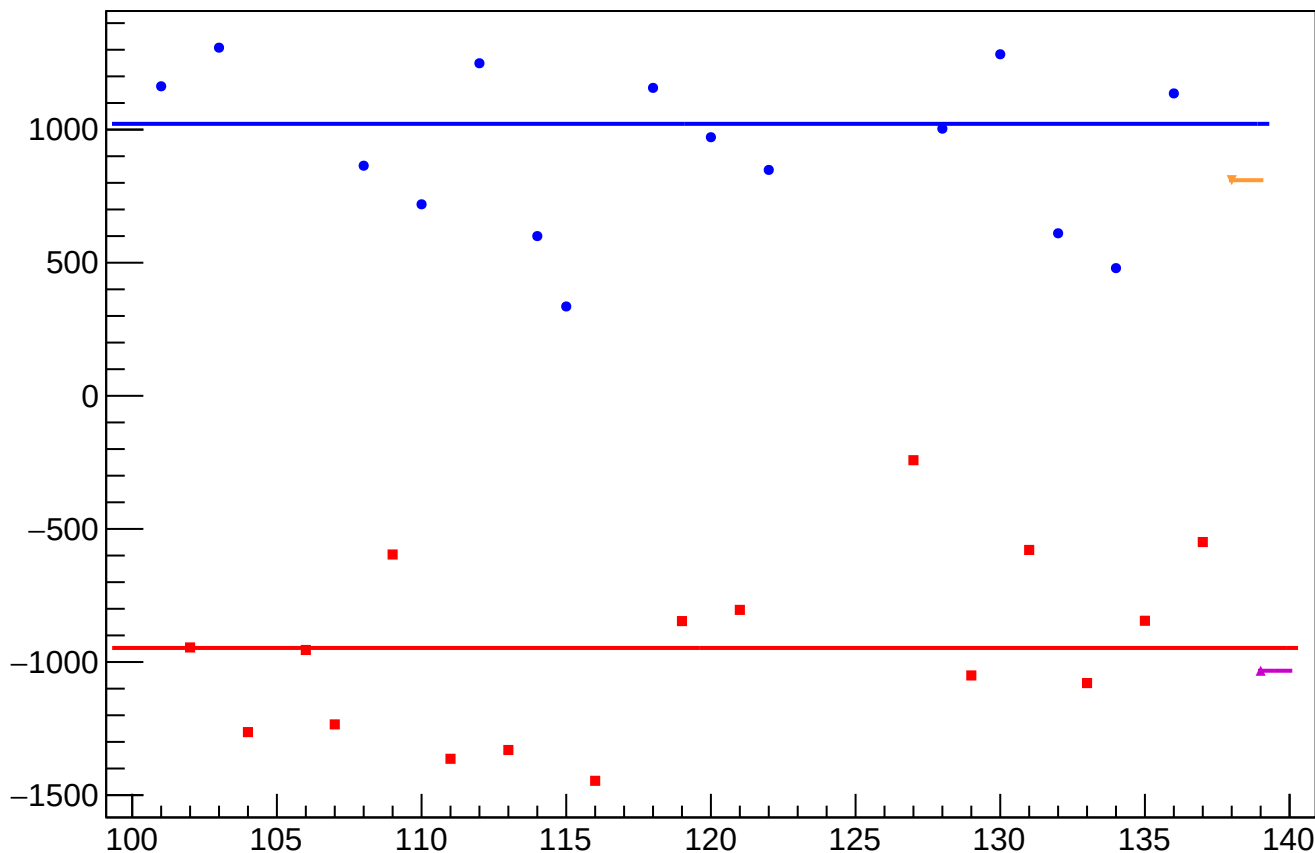
Out: -517.850+/-0.000

χ^2/NDF : 172650482762380

All: -30.029+/-0.000

χ^2/NDF : 722091122522

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left: -128.767+/-0.000 χ^2/NDF : 134927006885663

Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

Left Out: 809.974+/-0.000

χ^2/NDF : 0.0/0

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

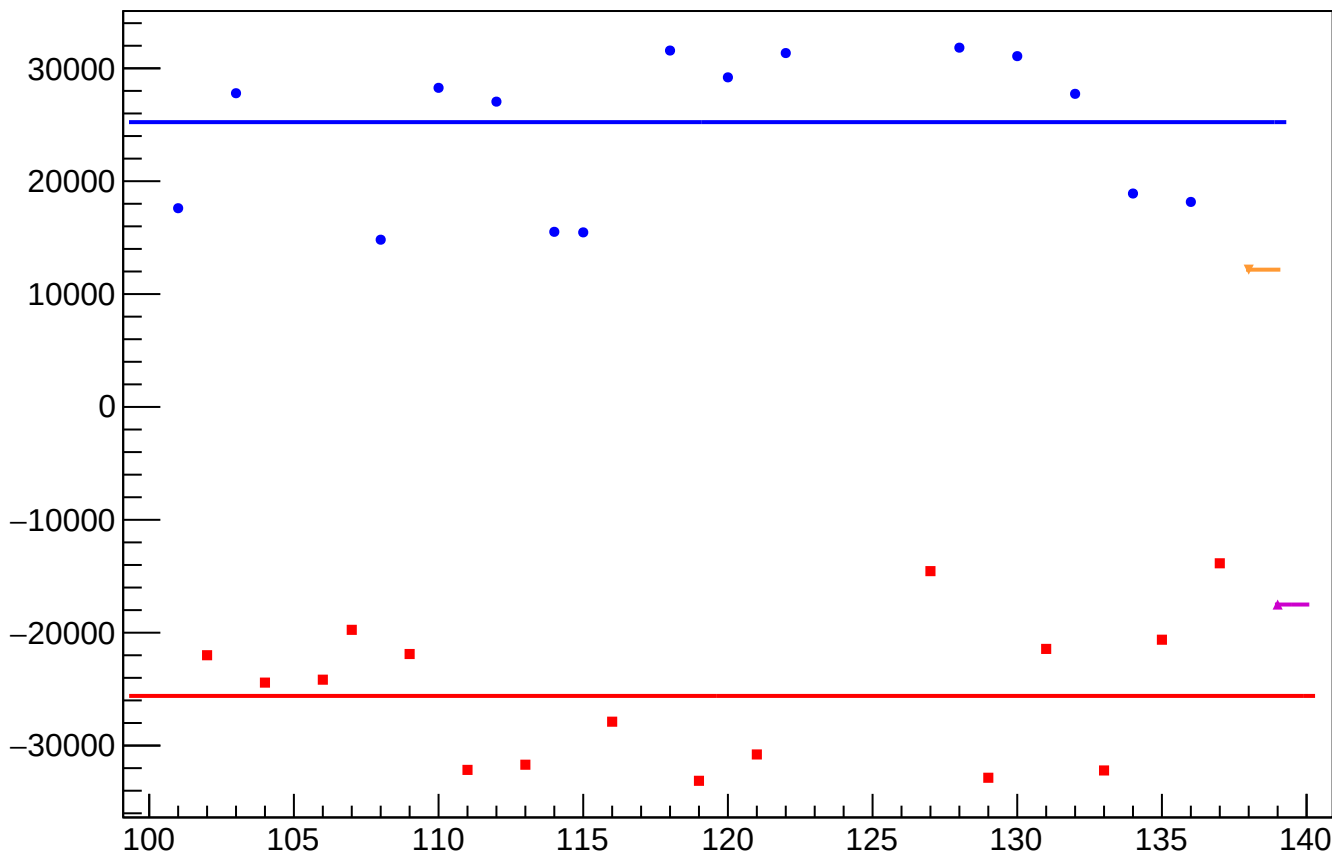
Out: -763.179+/-0.000 χ^2/NDF : 283393664426041

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

All: 7.358+/-0.000 χ^2/NDF : 15215677858323

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 25232.229+/-0.000

χ^2/NDF : 24534581974772031016304633863538632294400.0/14

Left Out: 12162.158+/-0.000

χ^2/NDF : 0.0/0

Right Out: -25601.388+/-0.000

χ^2/NDF : 24359757587964510827650819847270483099648.0/15

Left In: -17505.390+/-0.000

χ^2/NDF : 0.0/0

Left: -2951.499+/-0.000 χ^2/NDF : 34974039341871

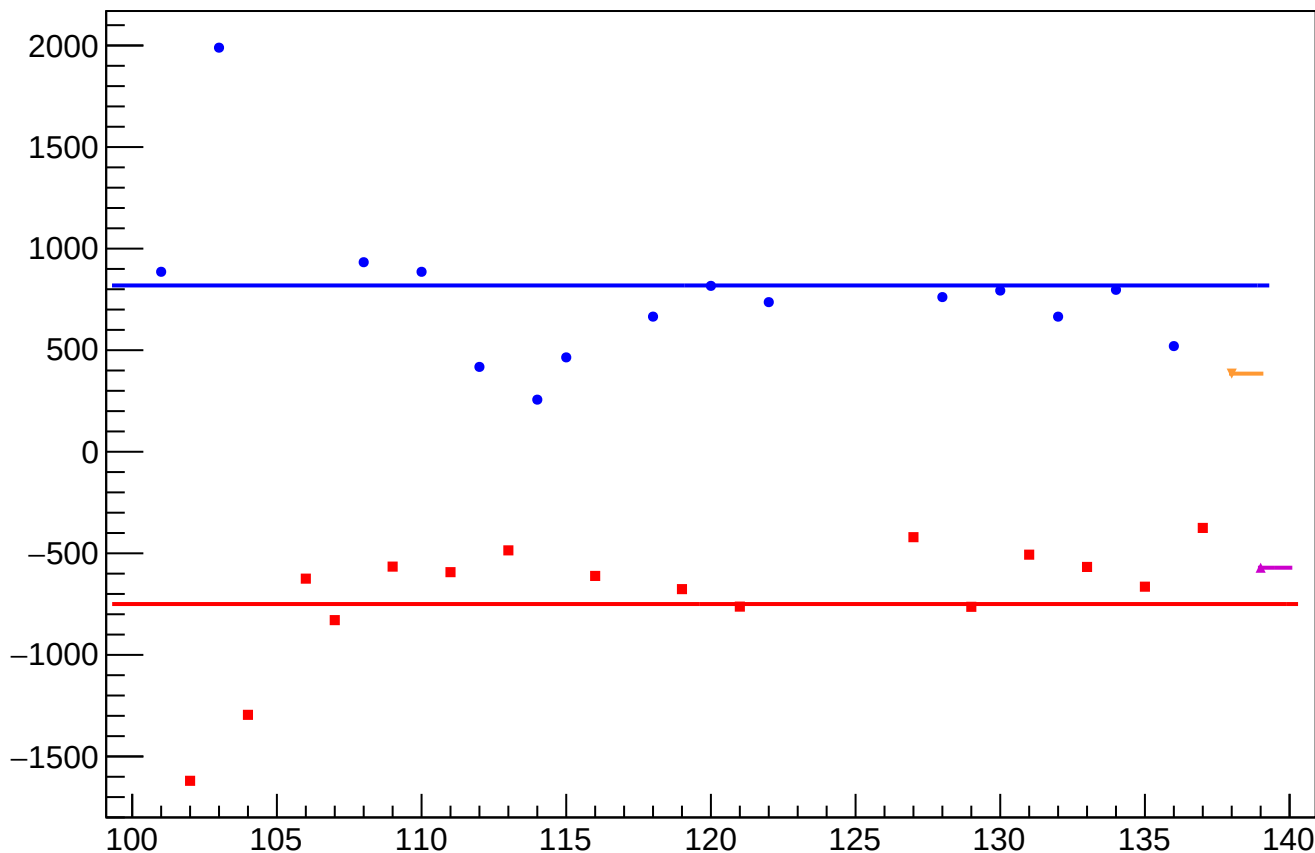
Right: -532.226+/-0.000 χ^2/NDF : 89888992461613

In: 20490.110+/-0.000 χ^2/NDF : 156065393164490

Out: -21647.621+/-0.000 χ^2/NDF : 1239483742299

All: -793.015+/-0.000 χ^2/NDF : 93469425550

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 818.668+/-0.000

χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 384.602+/-0.000

χ^2/NDF : 0.0/0

Right Out: -749.661+/-0.000

χ^2/NDF : 77972691834605708706145461250669150208.0/15

Left In: -570.862+/-0.000

χ^2/NDF : 0.0/0

Left: -102.144+/-0.000 χ^2/NDF : 362753423054243

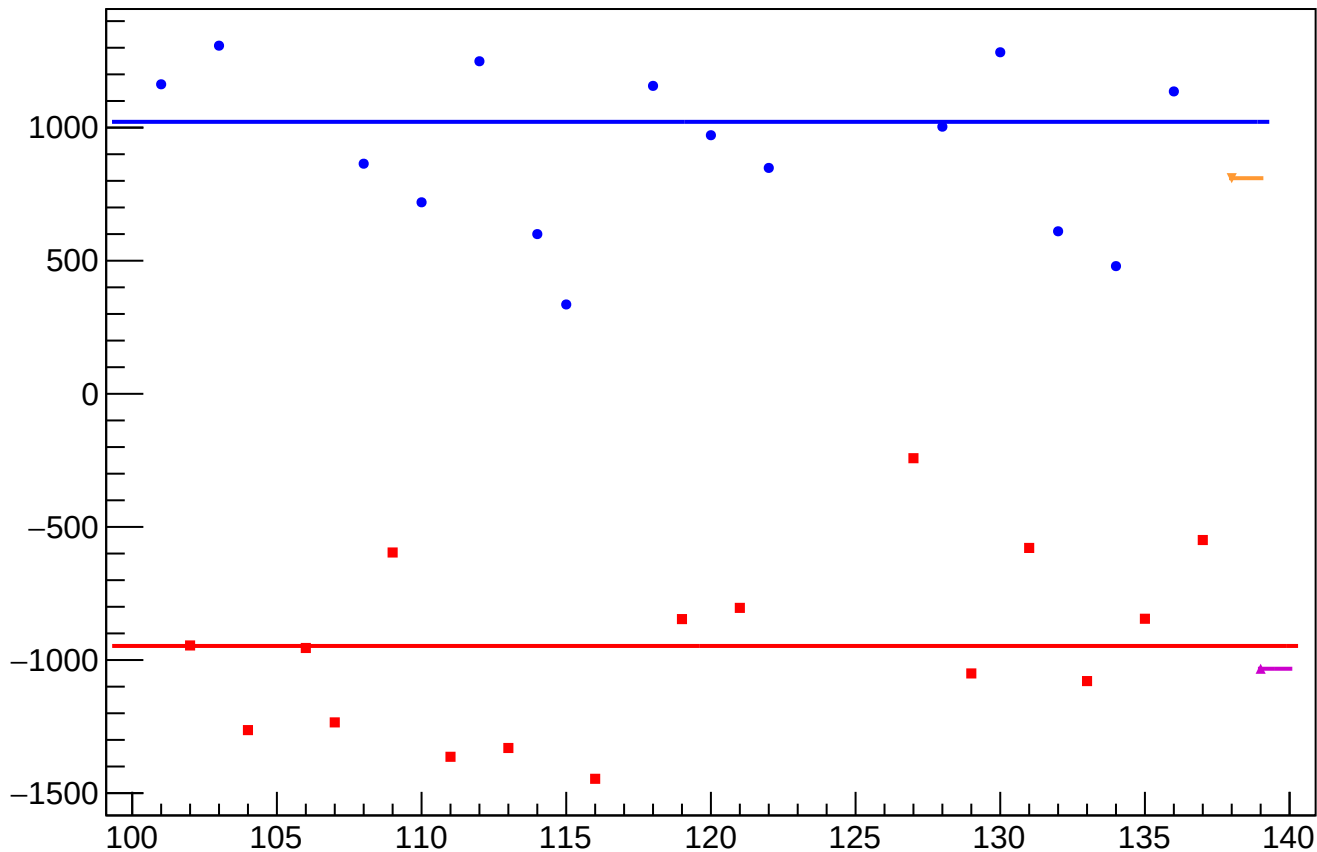
Right: 23.778+/-0.000 χ^2/NDF : 9926549473307925

In: 664.487+/-0.000 χ^2/NDF : 24464755184137729

Out: -630.906+/-0.000 χ^2/NDF : 167817286501349

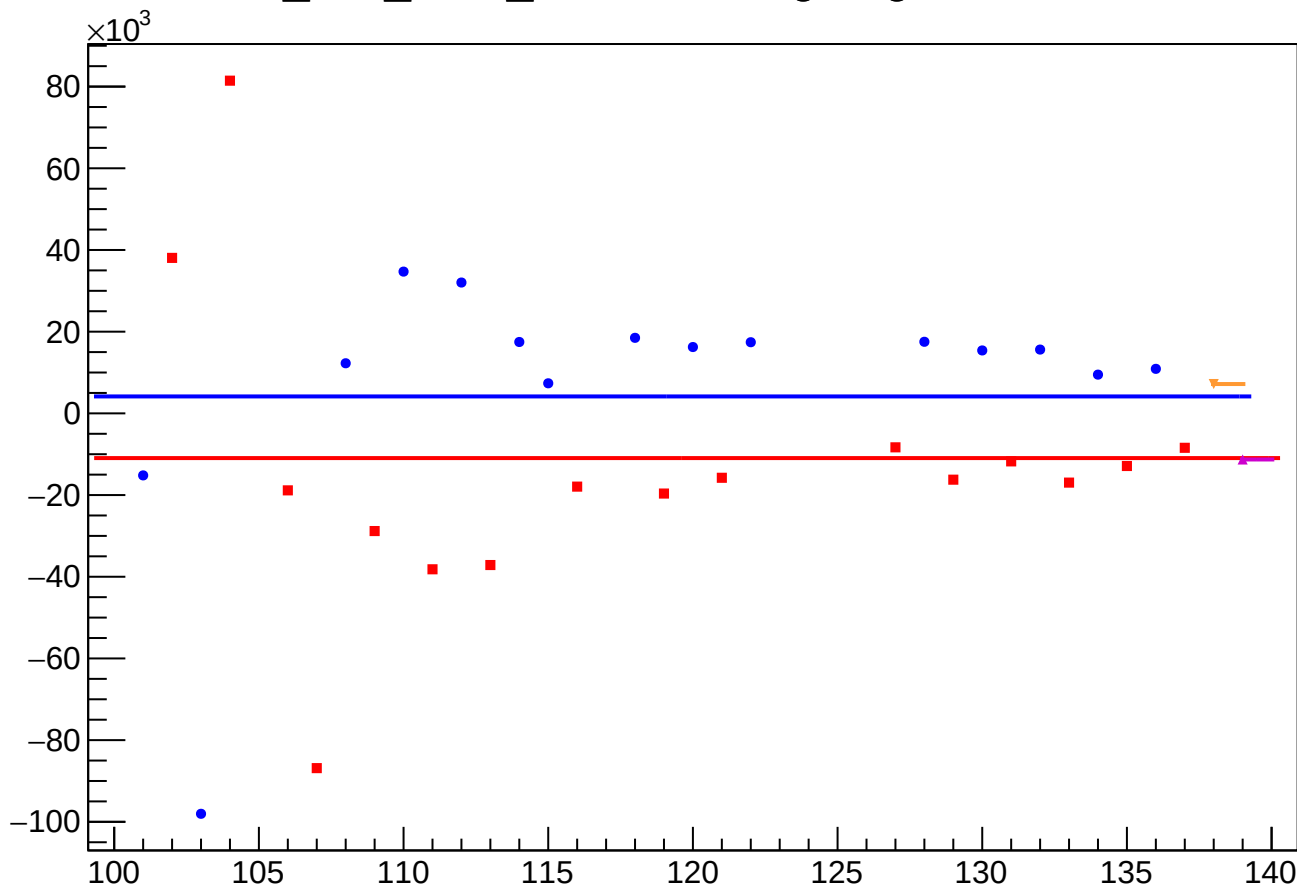
All: 10.204+/-0.000 χ^2/NDF : 1031179665714

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 ± 0.000 $\chi^2/\text{NDF}: 40493101470870278397836276403592495104.0/14$
 Left Out: 809.974 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -947.145 ± 0.000 $\chi^2/\text{NDF}: 67784656011936521511169668028018196480.0/15$
 Left In: -1032.741 ± 0.000 $\chi^2/\text{NDF}: 4187601.9/0$
 All: 7.358 ± 0.000 $\chi^2/\text{NDF}: 15215677858323$

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 4145.268 $\pm$ 0.000

χ^2/NDF : 763693998395064689637972381933507648159744.0/14

Left Out: 7181.136 $\pm$ 0.000

χ^2/NDF : 0.0/0

Right Out: -10948.073 $\pm$ 0.000

χ^2/NDF : 873949668510327201514601463115396191092736.0/15

Left In: -11290.477 $\pm$ 0.000

χ^2/NDF : 0.0/0

In: 2432.534 $\pm$ 0.000

χ^2/NDF : 7808518154407429

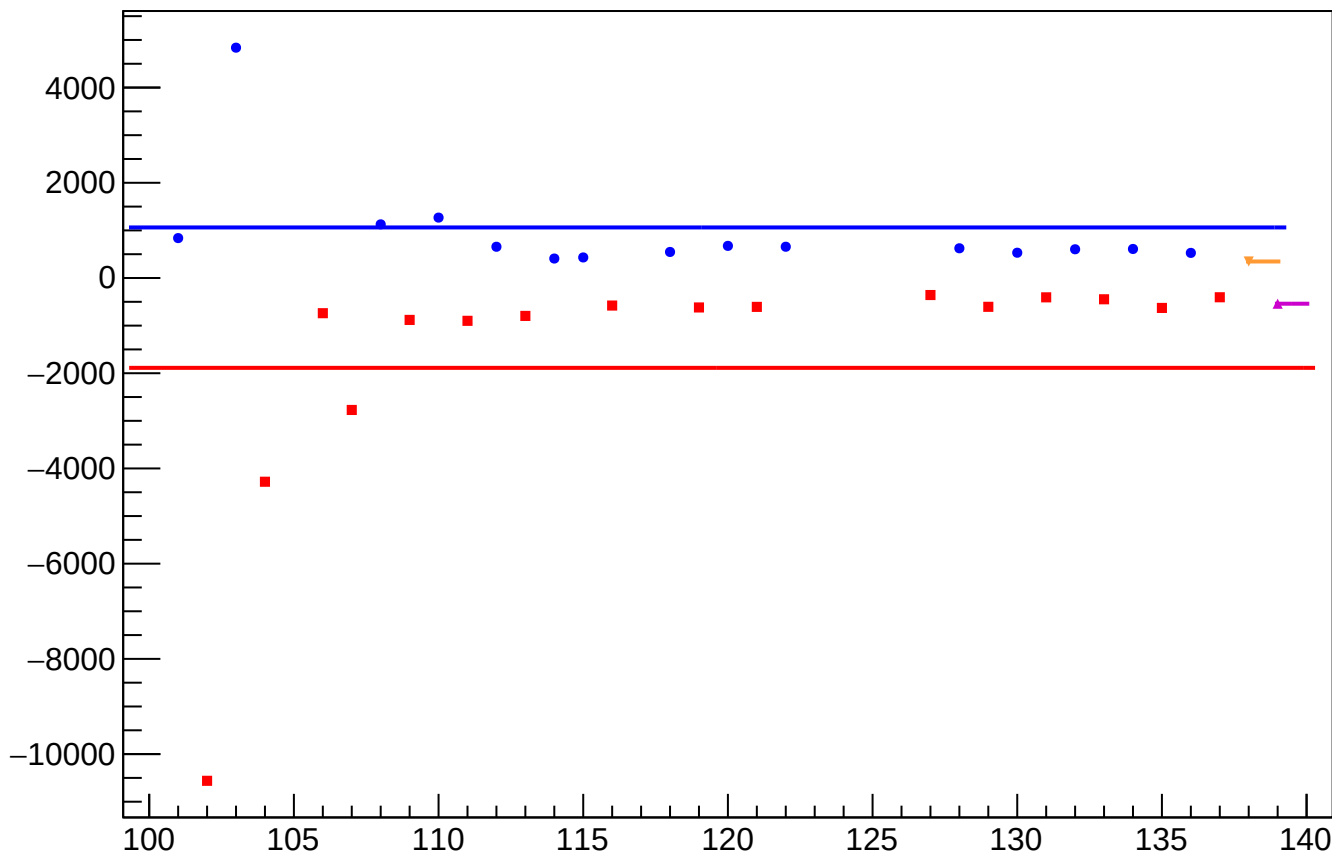
Out: -9049.982 $\pm$ 0.000

χ^2/NDF : 89690173999035

All: -3367.109 $\pm$ 0.000

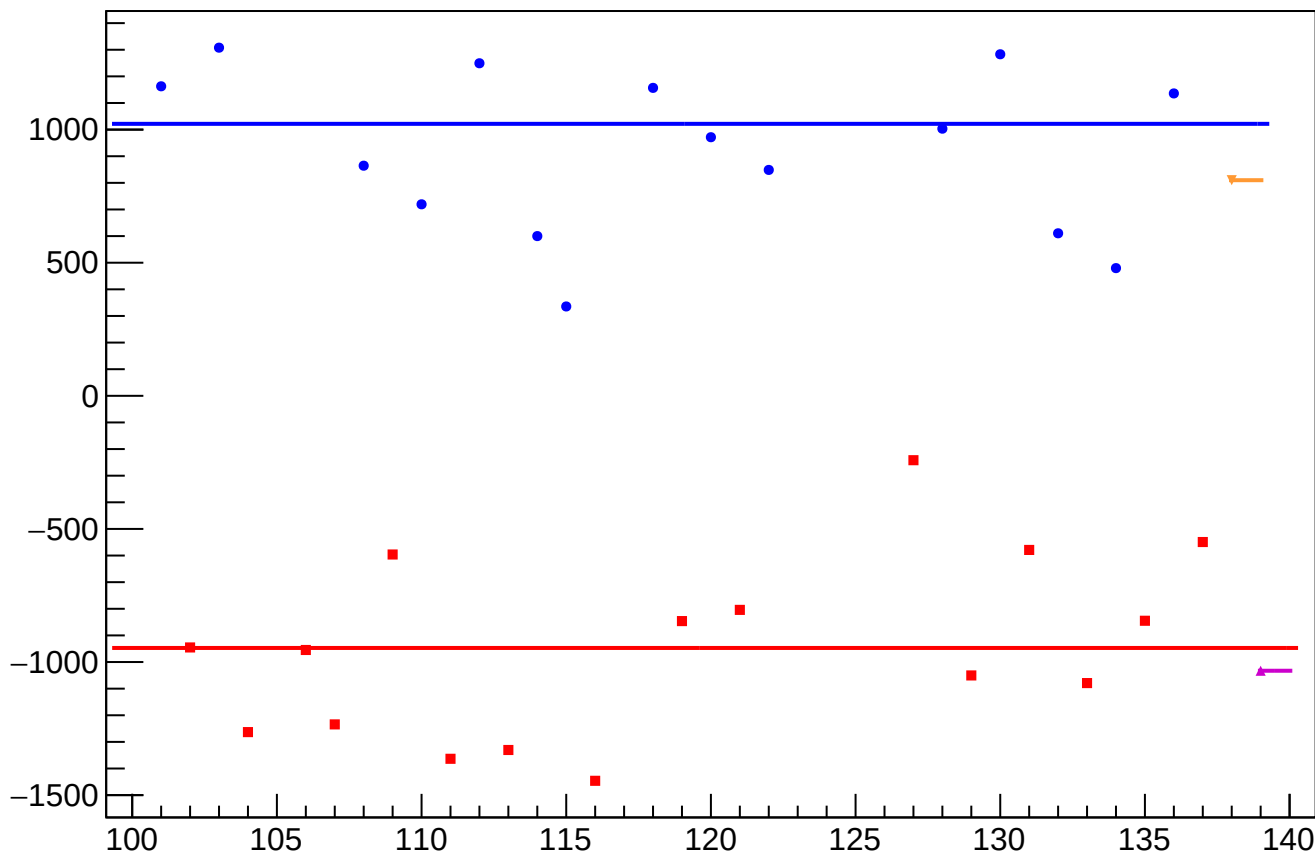
χ^2/NDF : 1726367541

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: -539.951+/-0.000 χ^2/NDF : 0.0/0
 All: -397.293+/-0.000 χ^2/NDF : 93862700784

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: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

Left: -128.767+/-0.000 χ^2/NDF : 134927006885663

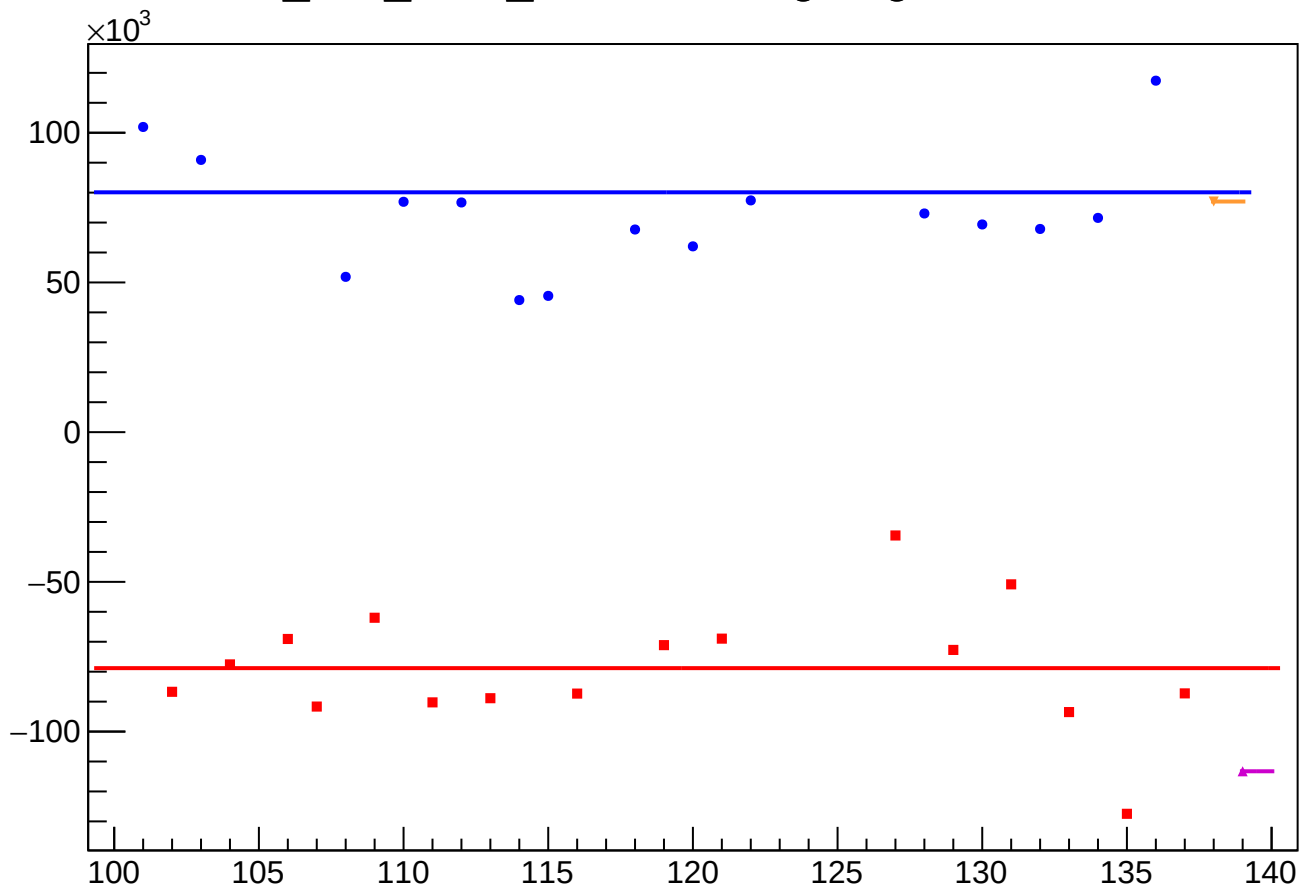
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -763.179+/-0.000 χ^2/NDF : 283393664426041

All: 7.358+/-0.000 χ^2/NDF : 15215677858323

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 80102.504+/-0.000

χ^2/NDF : 254521784097258654723607522631742465769472.0/14

Left Out: 77030.667+/-0.000

χ^2/NDF : 0.0/0

Right Out: -78815.832+/-0.000

χ^2/NDF : 286076919217811099434470442231998185472000.0/15

Left In: -113260.534+/-0.000

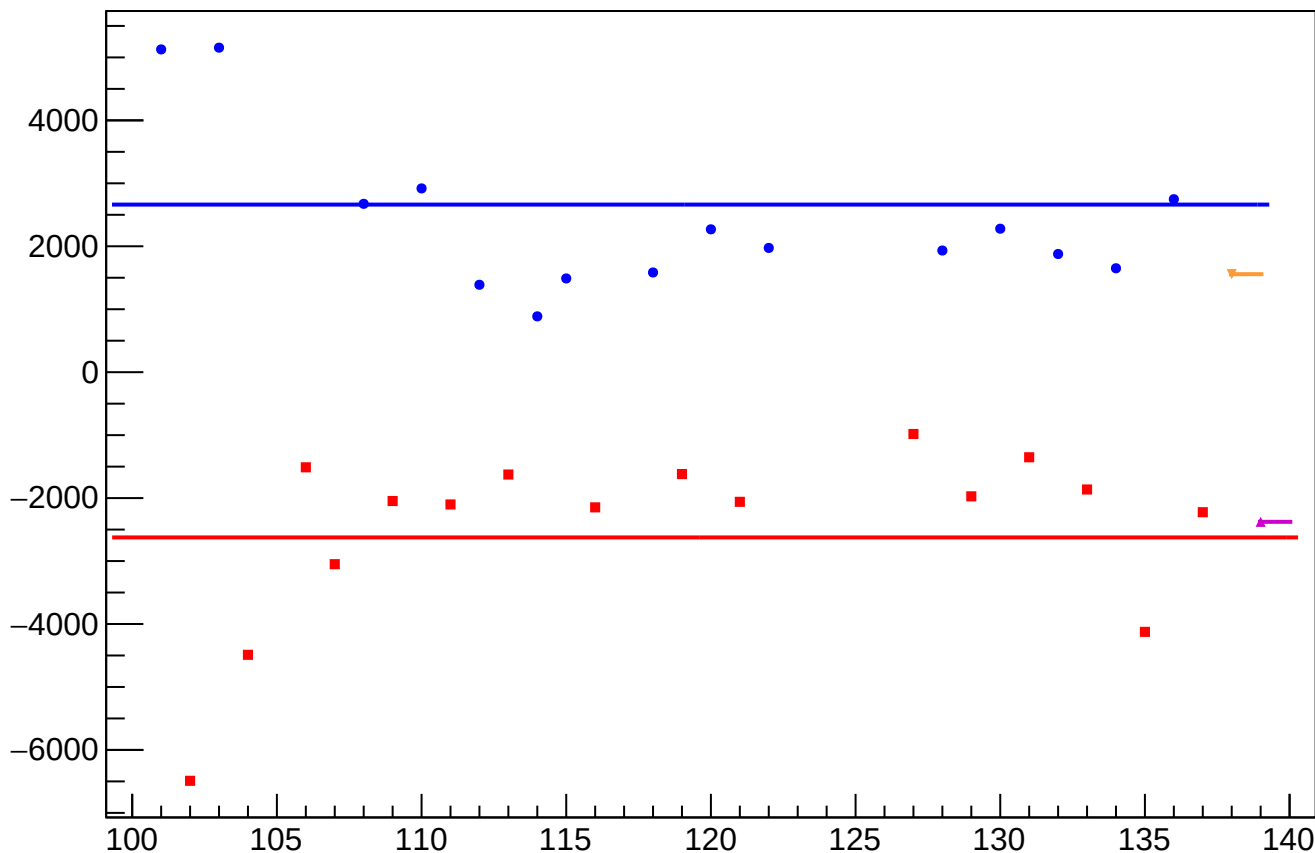
χ^2/NDF : 0.0/0

In: 58647.153+/-0.000 χ^2/NDF : 294700980068270

Out: -62499.018+/-0.000 χ^2/NDF : 1982203517322

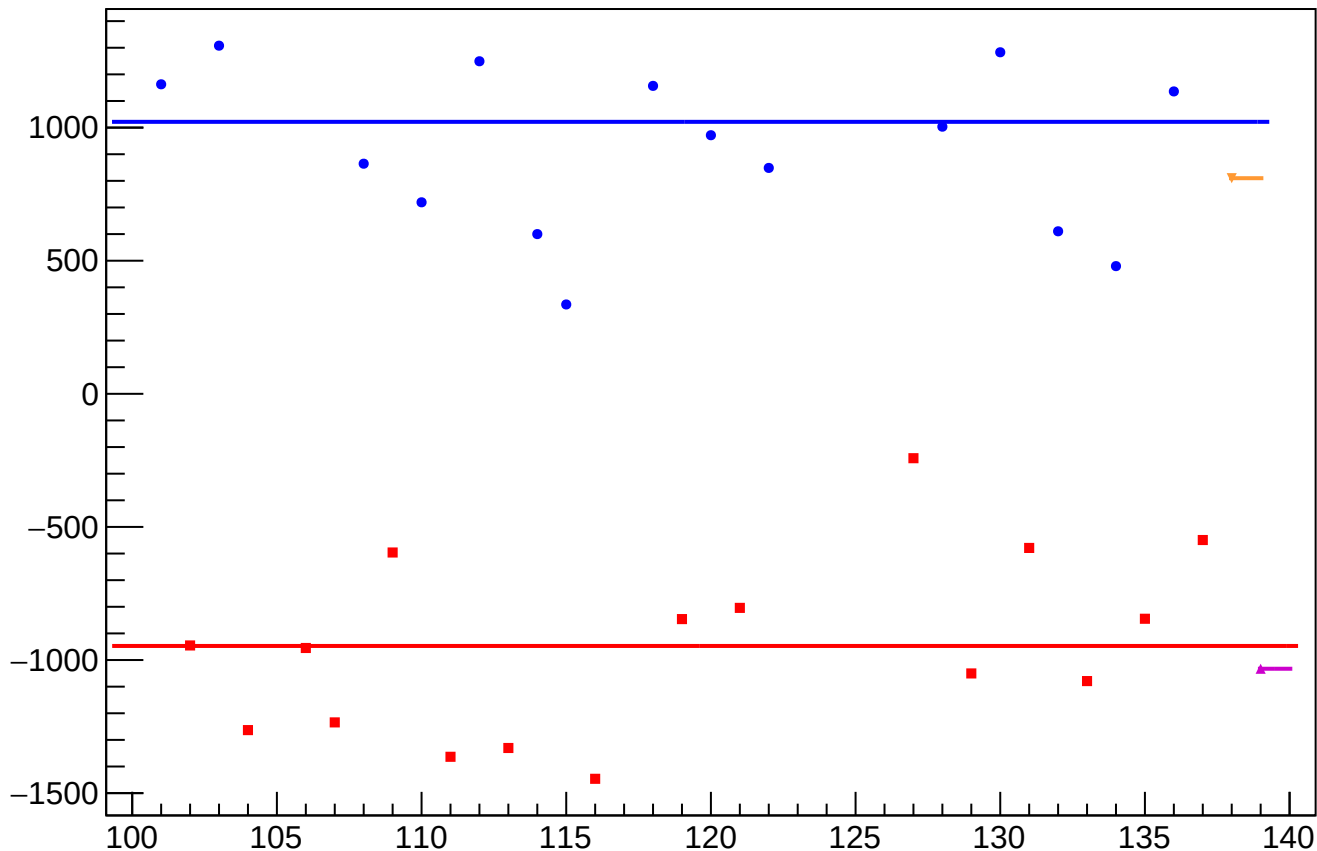
All: -2541.930+/-0.000 χ^2/NDF : 1034057419

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 1556.896+/-0.000 χ^2/NDF : 4032505.5/0
 Right Out: -2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: -2376.996+/-0.000 χ^2/NDF : 0.0/0
 In: 2103.042+/-0.000 χ^2/NDF : 2860021748349576
 Out: -2186.892+/-0.000 χ^2/NDF : 27877949214780
 All: -63.738+/-0.000 χ^2/NDF : 124334160189

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left: -128.767+/-0.000 χ^2/NDF : 134927006885663

Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

Left Out: 809.974+/-0.000

χ^2/NDF : 0.0/0

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

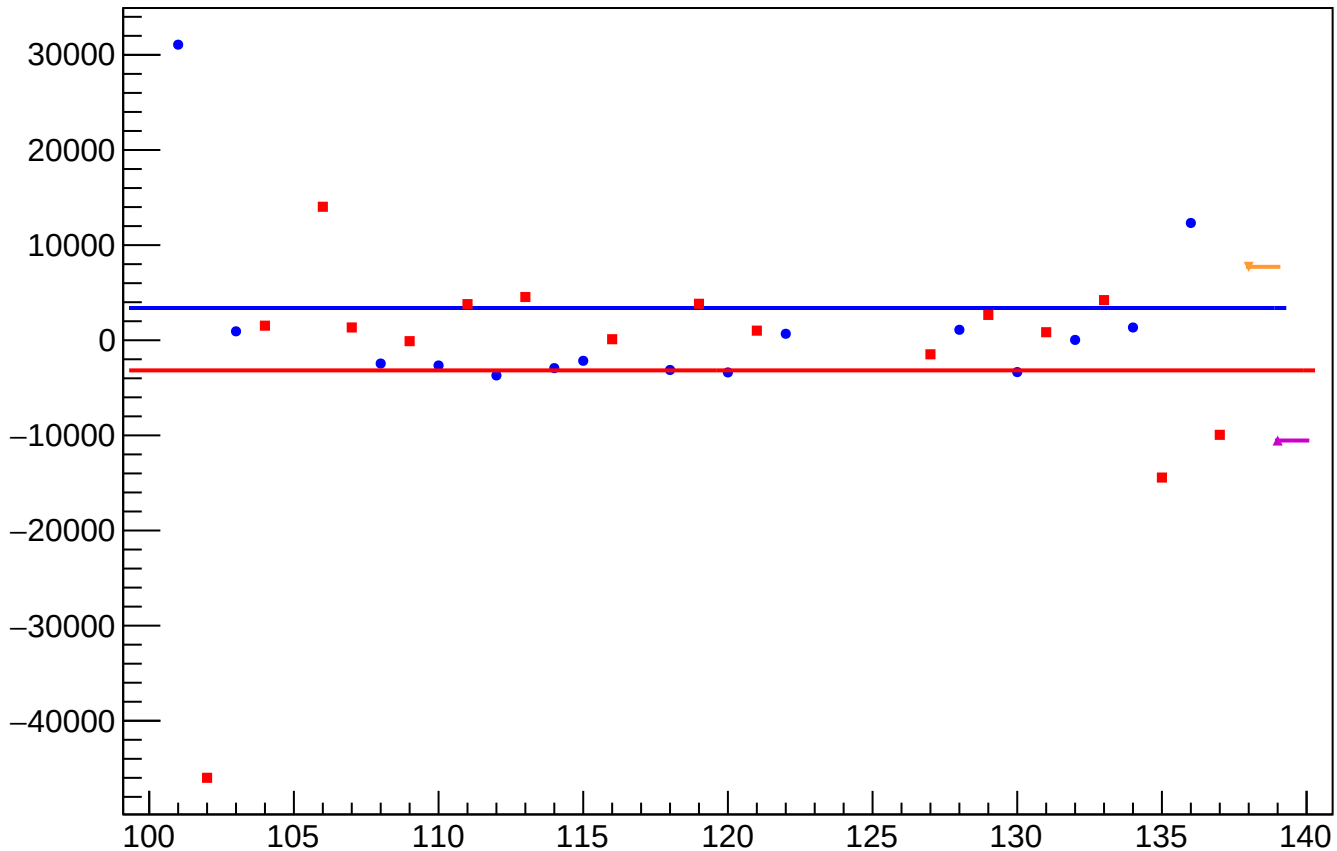
Out: -763.179+/-0.000 χ^2/NDF : 283393664426041

Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

All: 7.358+/-0.000 χ^2/NDF : 15215677858323

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550+/-0.000

χ^2/NDF : 65871927441553256724179194556280173756416.0/14

Left: -1583.400+/-0.000 χ^2/NDF : 13245652538884

Right: 66.728+/-0.000 χ^2/NDF : 2177723560844725

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: -10539.994+/-0.000

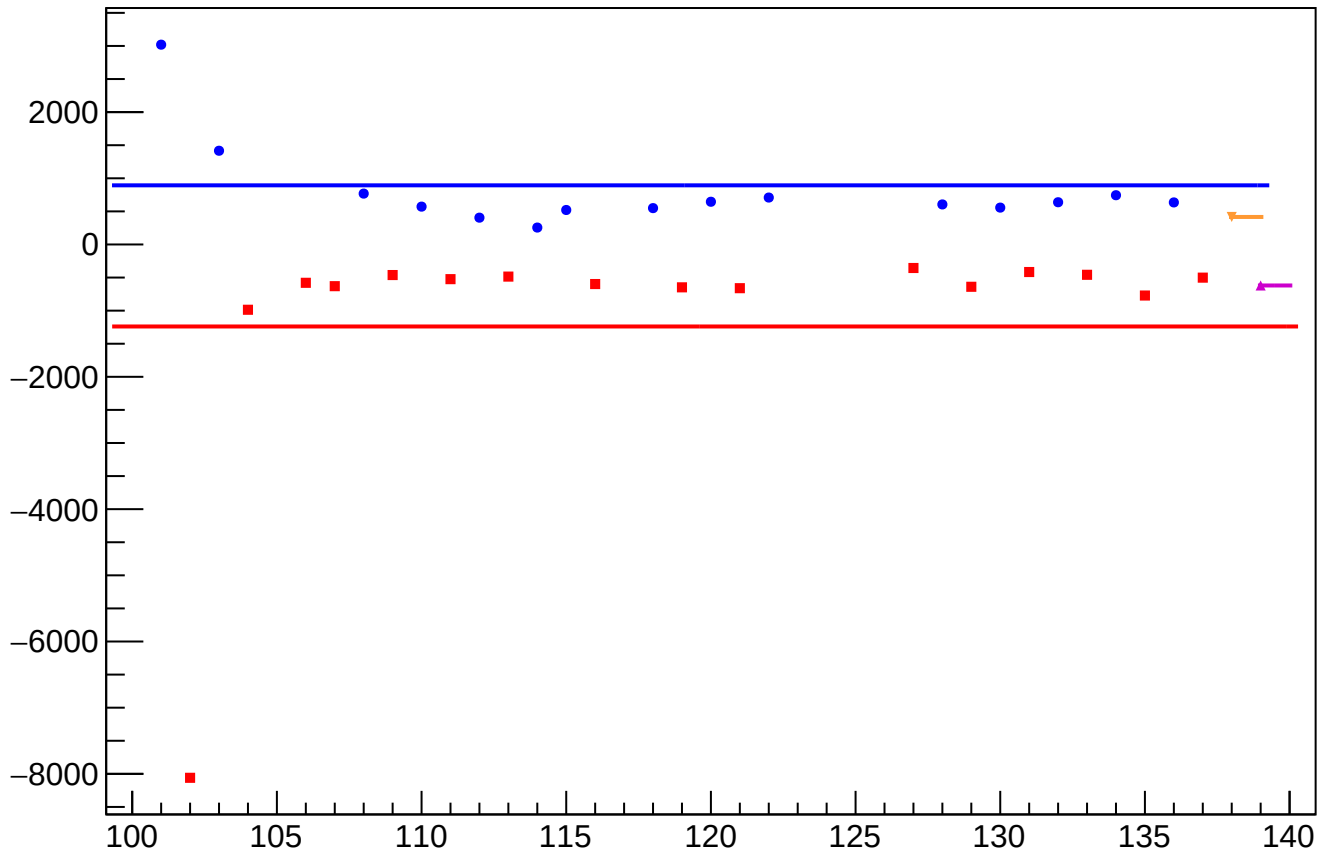
χ^2/NDF : 0.0/0

In: 1844.832+/-0.000 χ^2/NDF : 7984664466386548

Out: -2027.750+/-0.000 χ^2/NDF : 14602810539220

All: -111.150+/-0.000 χ^2/NDF : 23140428323

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: -619.748+/-0.000 χ^2/NDF : 0.0/0

Left: -111.793+/-0.000 χ^2/NDF : 426027096565348

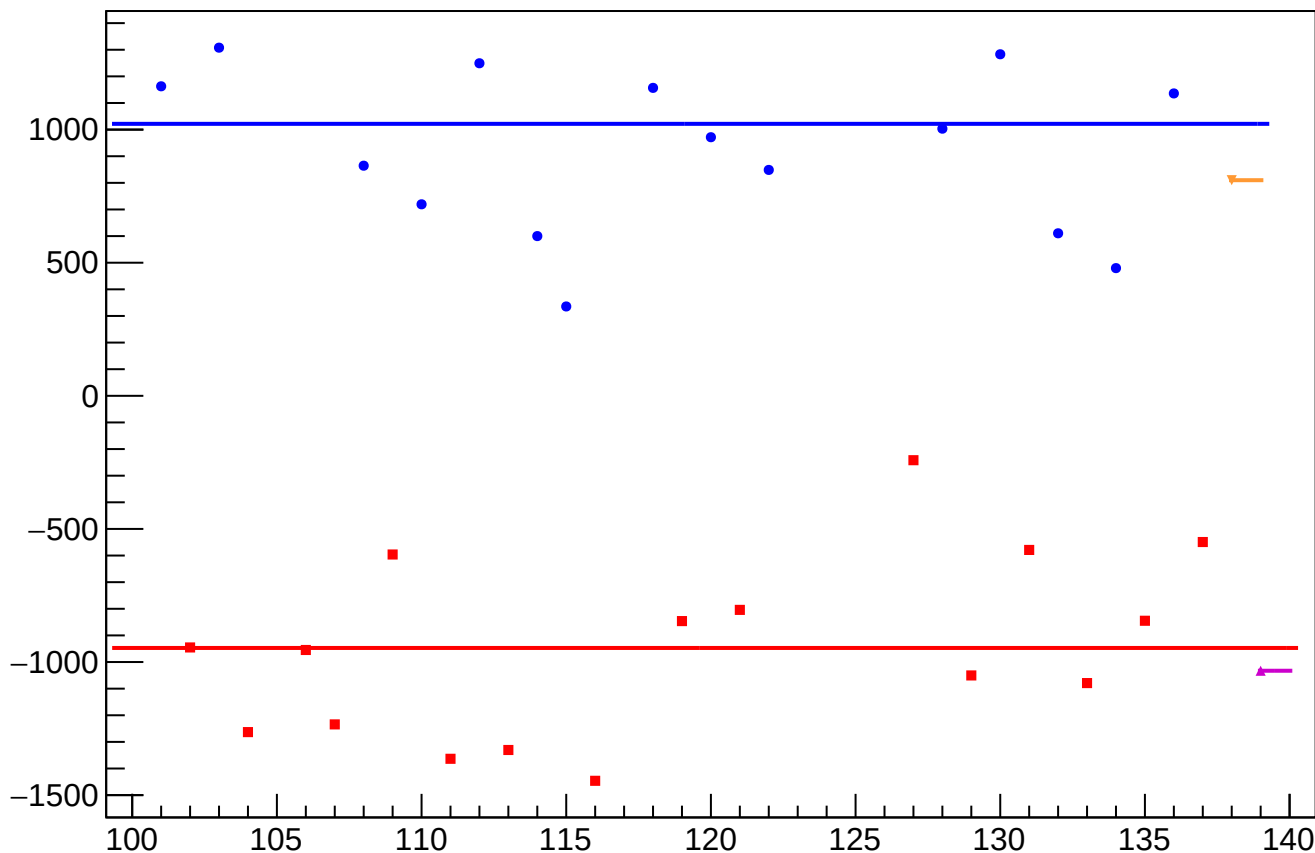
Right: -187.395+/-0.000 χ^2/NDF : 48021156818850

In: 725.754+/-0.000 χ^2/NDF : 4995258365988684

Out: -1066.024+/-0.000 χ^2/NDF : 31622658903706

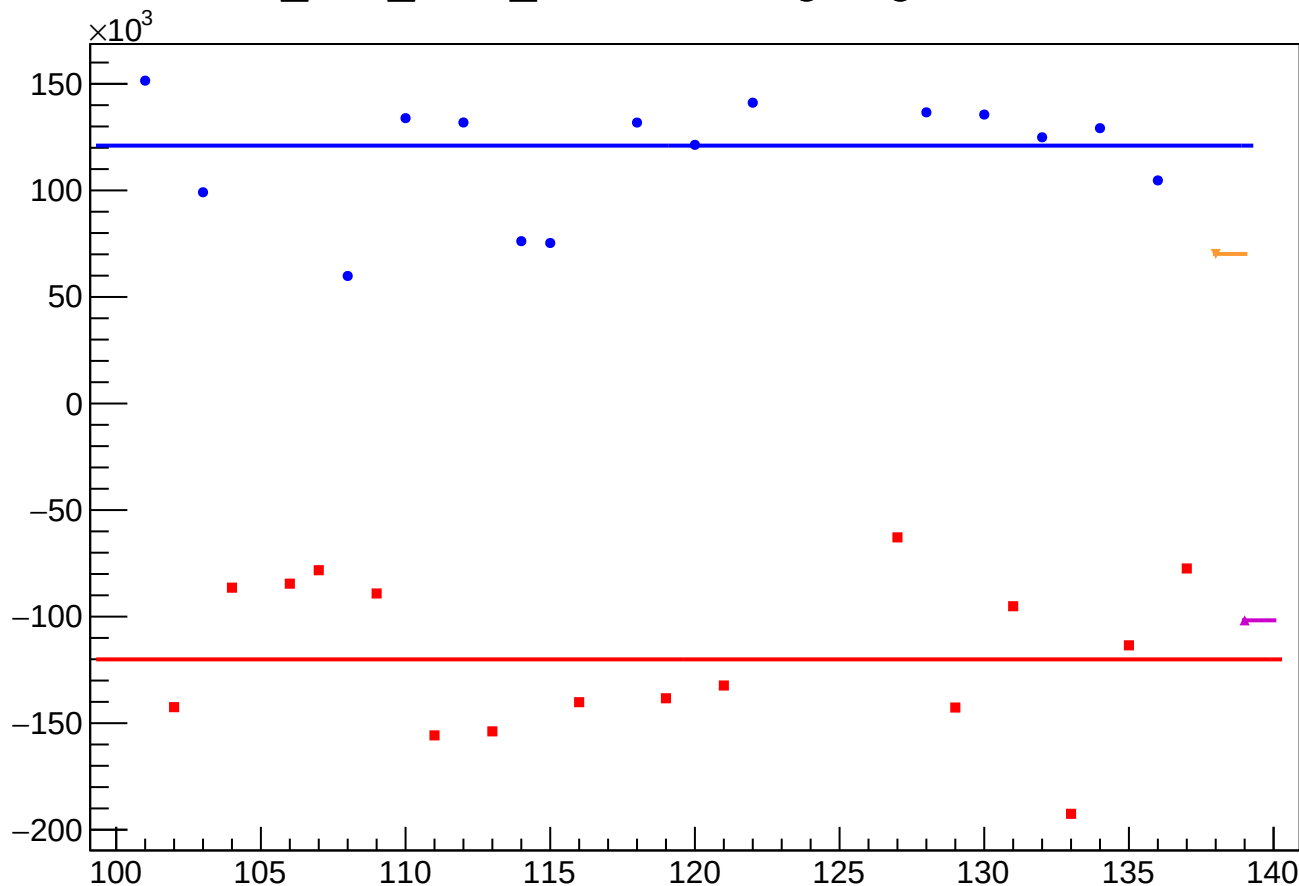
All: -179.245+/-0.000 χ^2/NDF : 48455292141

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



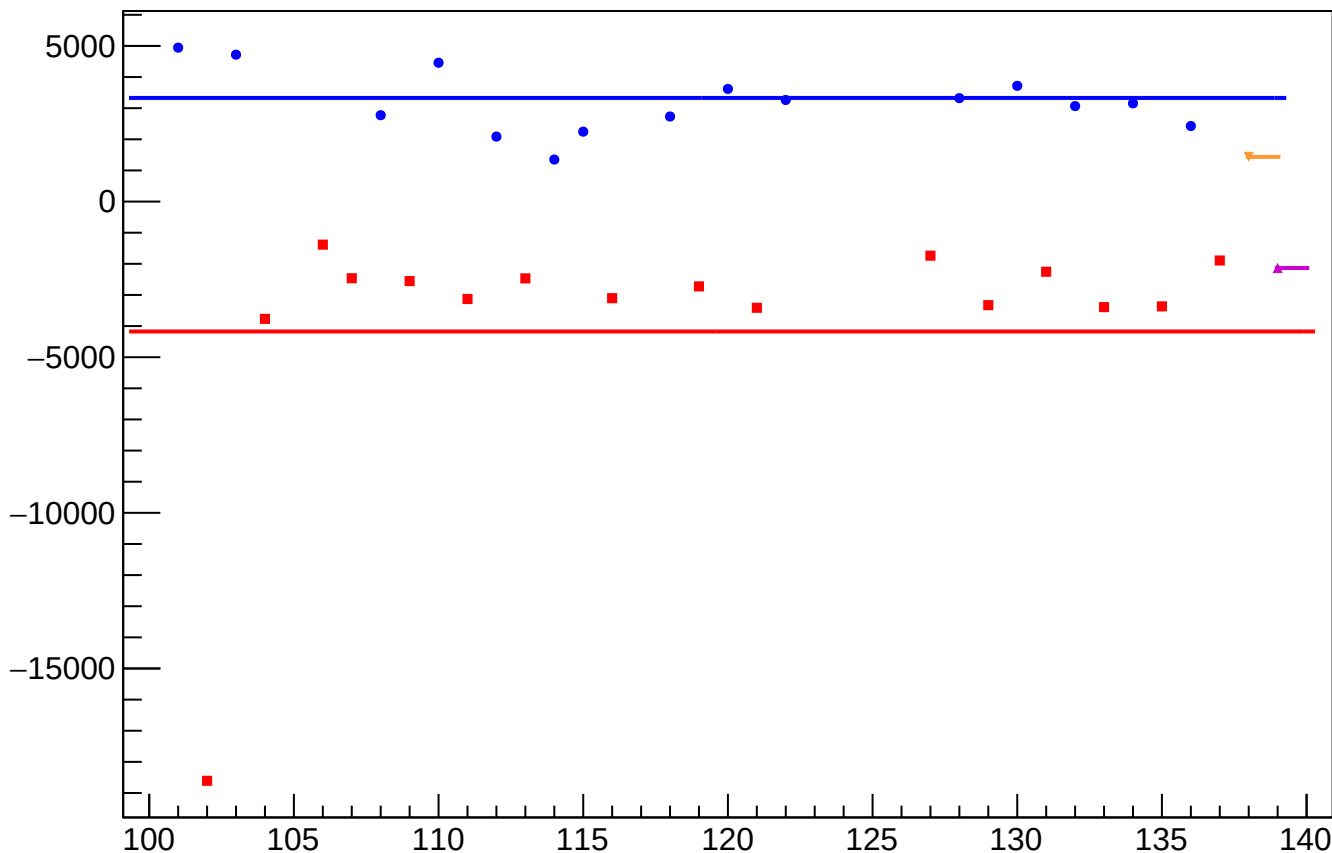
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	Left: -128.767+/-0.000	χ^2/NDF : 134927006885663
Left Out: 809.974+/-0.000	χ^2/NDF : 0.0/0	Right: 23.805+/-0.000	χ^2/NDF : 1383338523153511
Right Out: -947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	In: 793.727+/-0.000	χ^2/NDF : 34443276842083690
Left In: -1032.741+/-0.000	χ^2/NDF : 4187601.9/0	Out: -763.179+/-0.000	χ^2/NDF : 283393664426041
		All: 7.358+/-0.000	χ^2/NDF : 15215677858323

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 70182.571 $\pm$ 0.000 χ^2 /NDF: 16517142471.5/0
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -101737.472 $\pm$ 0.000 χ^2 /NDF: 17152417181.9/0
 In: 96299.947 $\pm$ 0.000 χ^2 /NDF: 393191692023270
 Out: -100142.607 $\pm$ 0.000 χ^2 /NDF: 335587077597
 All: -2920.190 $\pm$ 0.000 χ^2 /NDF: 2151625942

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 3329.488+/-0.000

χ^2/NDF : 567034774398456376227526824513721335808.0/14

Left Out: 1435.189+/-0.000

χ^2/NDF : 4032505.5/0

Right Out: -4173.434+/-0.000

χ^2/NDF : 13498246551537992400095003154682468106240.0/15

Left In: -2133.588+/-0.000

χ^2/NDF : 0.0/0

Left: -382.867+/-0.000 χ^2/NDF : 506082455443513

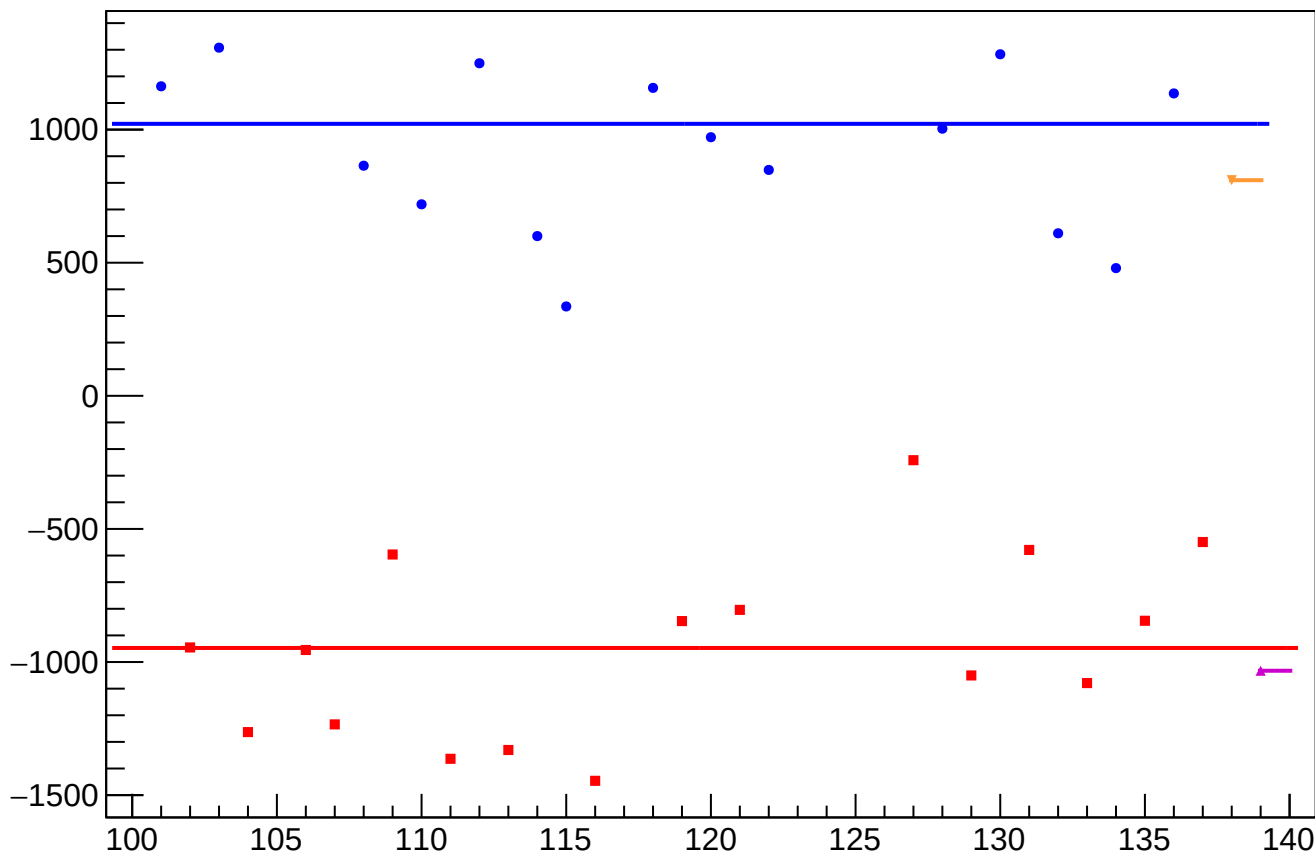
Right: -473.285+/-0.000 χ^2/NDF : 32582486462967

In: 2723.311+/-0.000 χ^2/NDF : 2716256581184803

Out: -3586.222+/-0.000 χ^2/NDF : 15694976376701

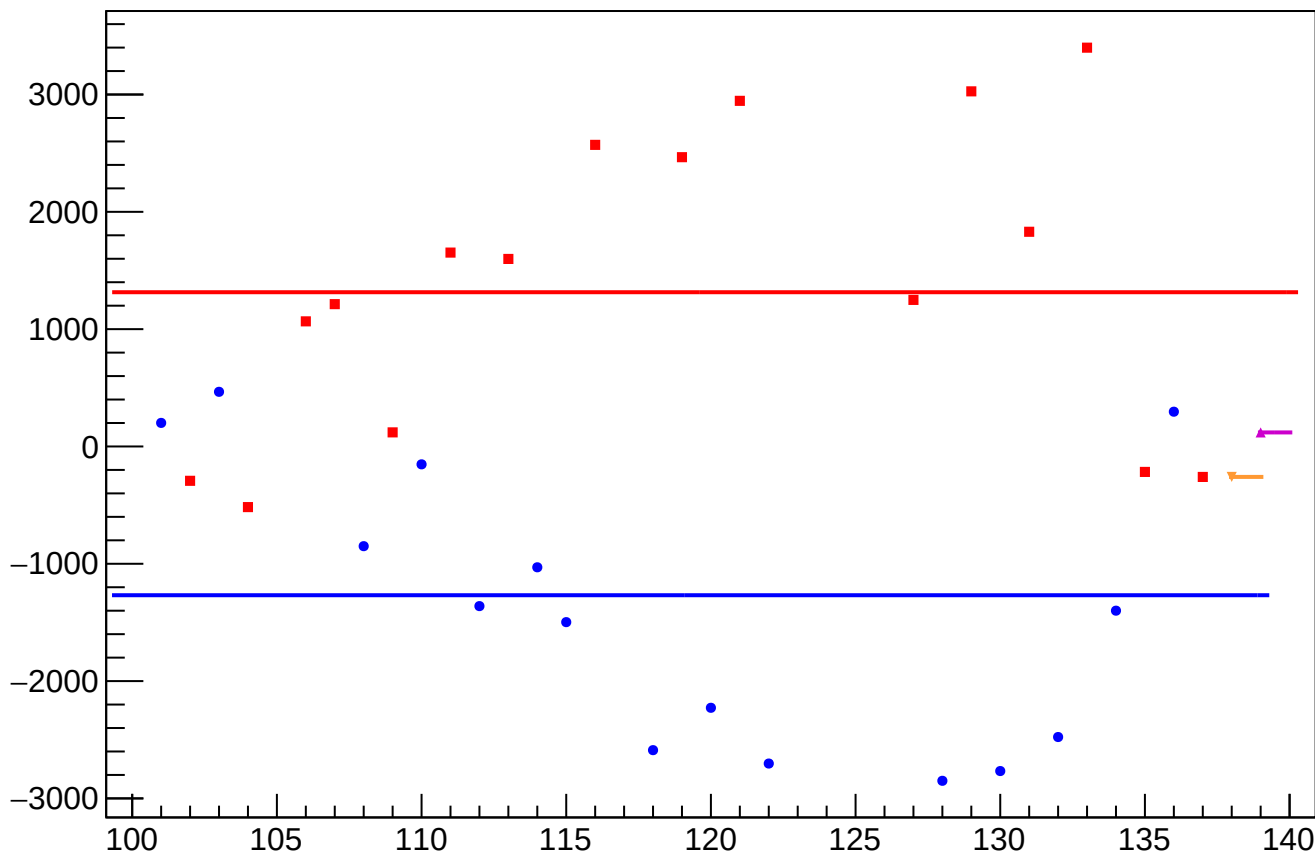
All: -463.538+/-0.000 χ^2/NDF : 33089728681

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: -1032.741+/-0.000 χ^2/NDF : 4187601.9/0
 In: 793.727+/-0.000 χ^2/NDF : 34443276842083690
 Out: -763.179+/-0.000 χ^2/NDF : 283393664426041
 All: 7.358+/-0.000 χ^2/NDF : 15215677858323

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: 119.652+/-0.000

χ^2/NDF : 0.0/0

In: -1114.081+/-0.000

χ^2/NDF : 123095818794064

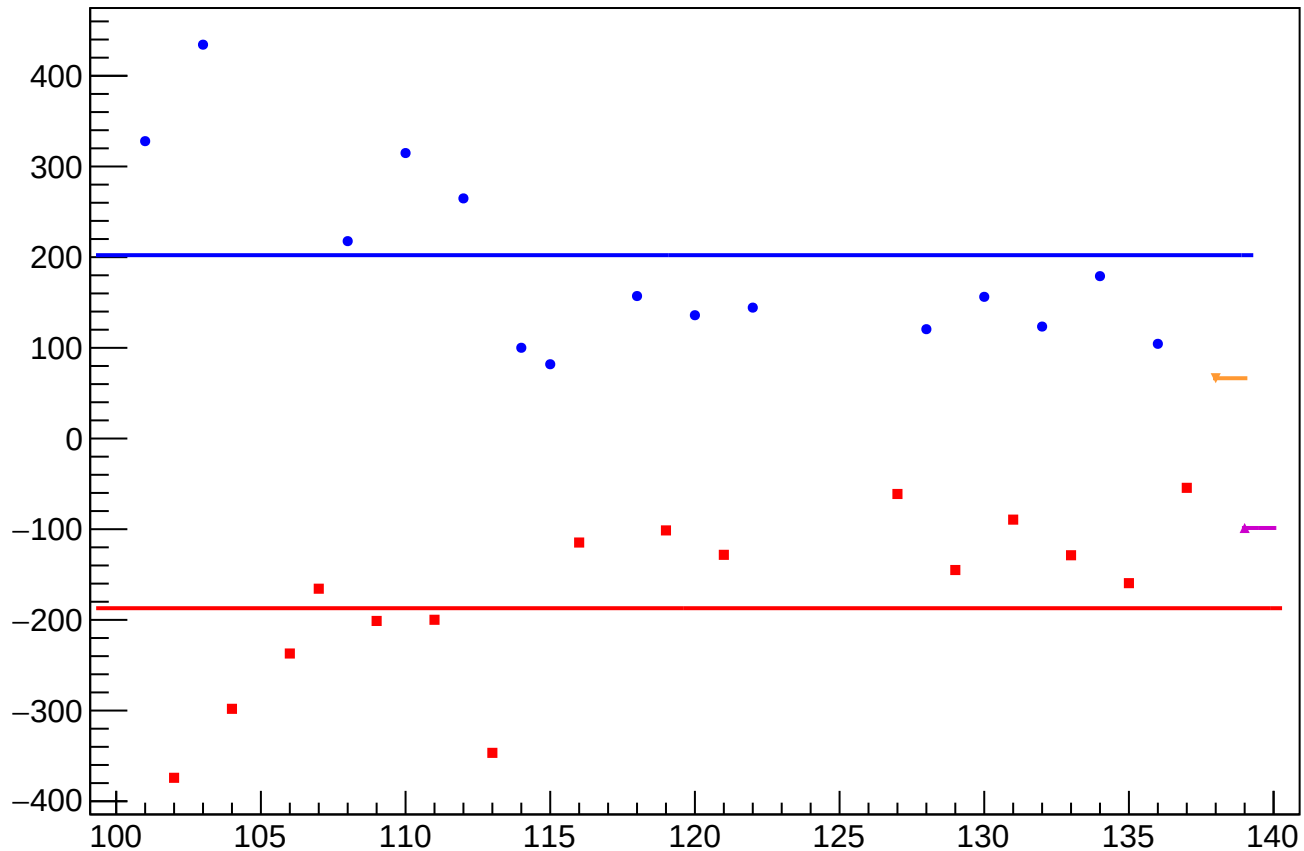
Out: 1149.939+/-0.000

χ^2/NDF : 127155245456551

All: 29.441+/-0.000

χ^2/NDF : 4392450500406

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 202.191+/-0.000

χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 66.491+/-0.000

χ^2/NDF : 15752.0/0

Right Out: -187.126+/-0.000

χ^2/NDF : 6230029491605524746936515809941389312.0/15

Left In: -98.657+/-0.000

χ^2/NDF : 0.0/0

In: 168.809+/-0.000

χ^2/NDF : 13545714334646274

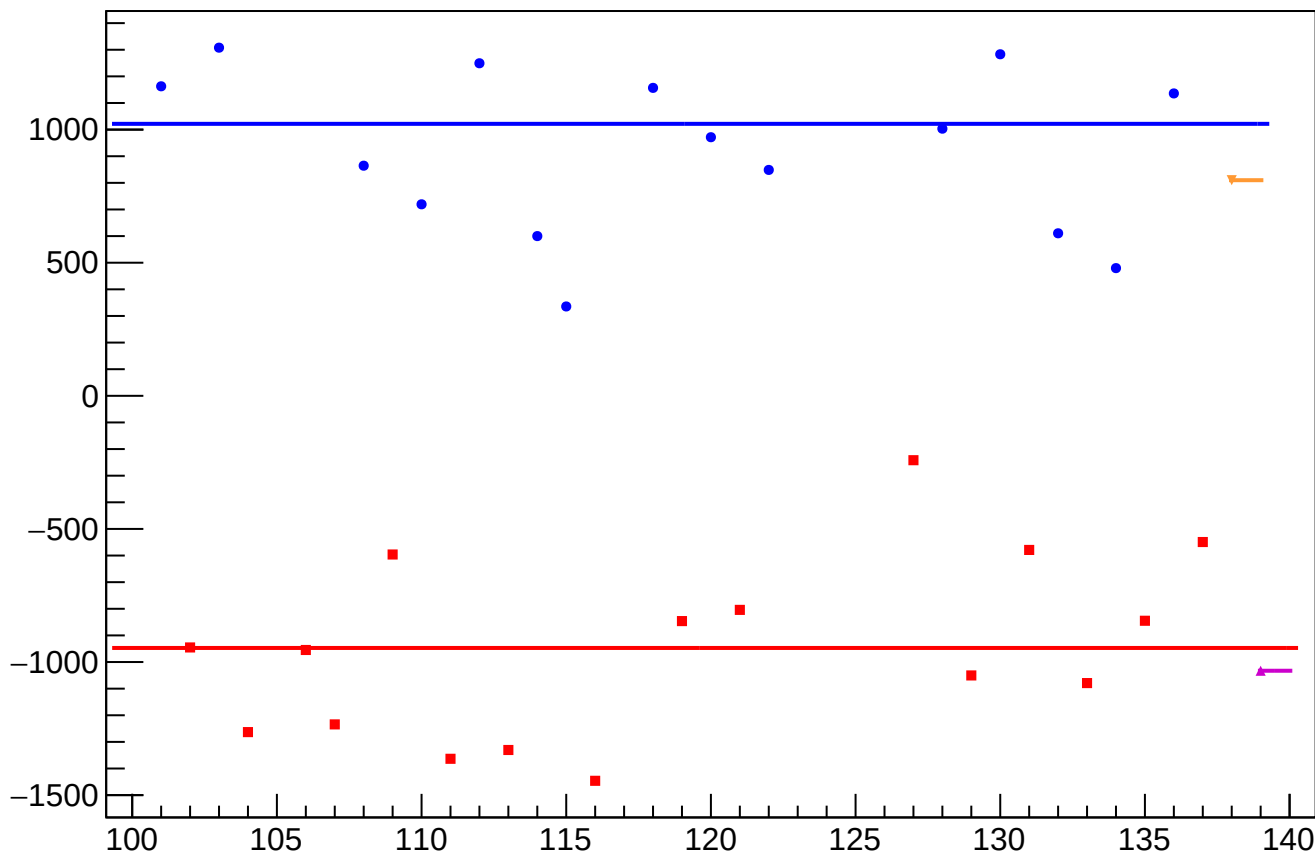
Out: -160.573+/-0.000

χ^2/NDF : 107218224661428

All: 2.443+/-0.000

χ^2/NDF : 64269945014693

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: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

Left: -128.767+/-0.000 χ^2/NDF : 134927006885663

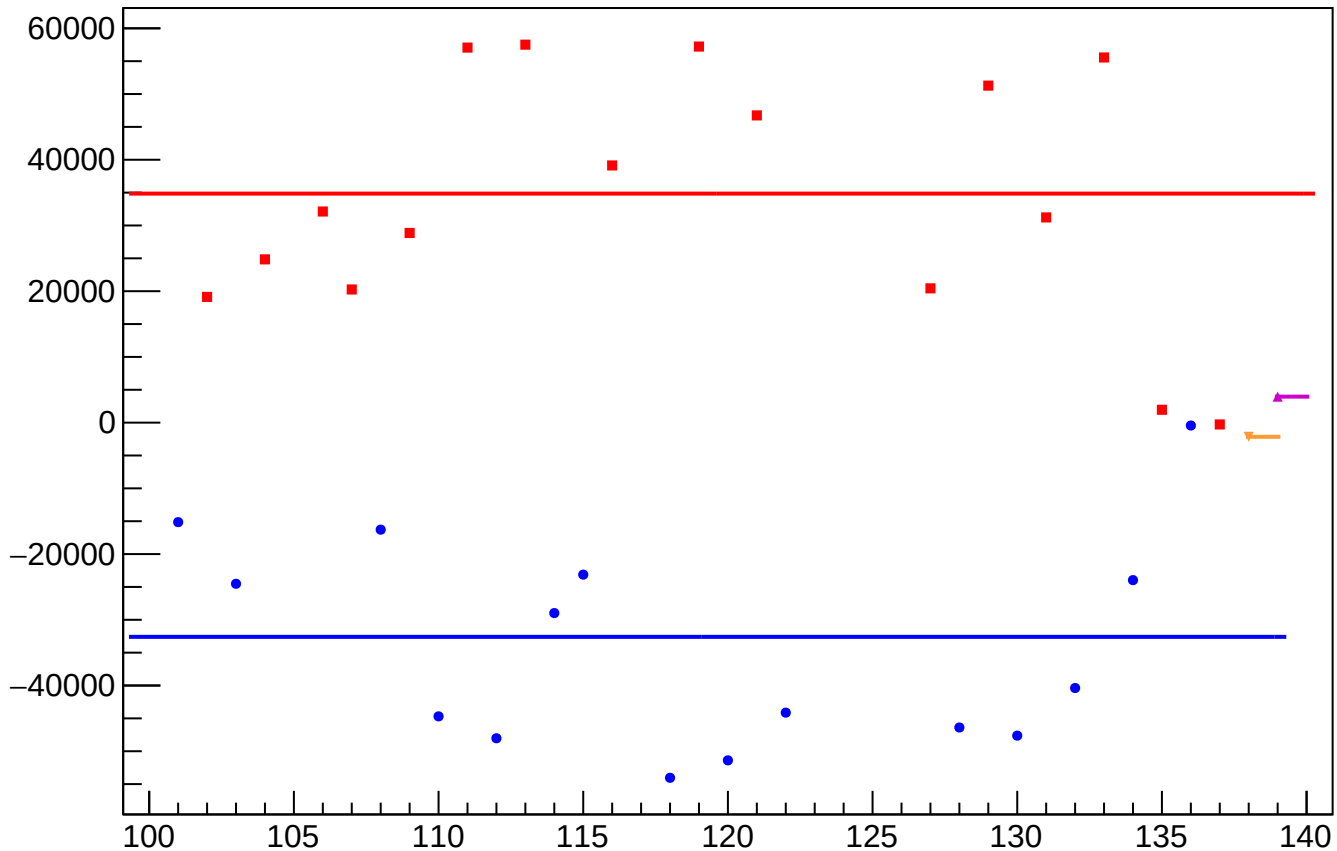
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -763.179+/-0.000 χ^2/NDF : 283393664426041

All: 7.358+/-0.000 χ^2/NDF : 15215677858323

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: 3957.057+/-0.000

χ^2/NDF : 0.0/0

Left: 958.044+/-0.000 χ^2/NDF : 1485061484948679

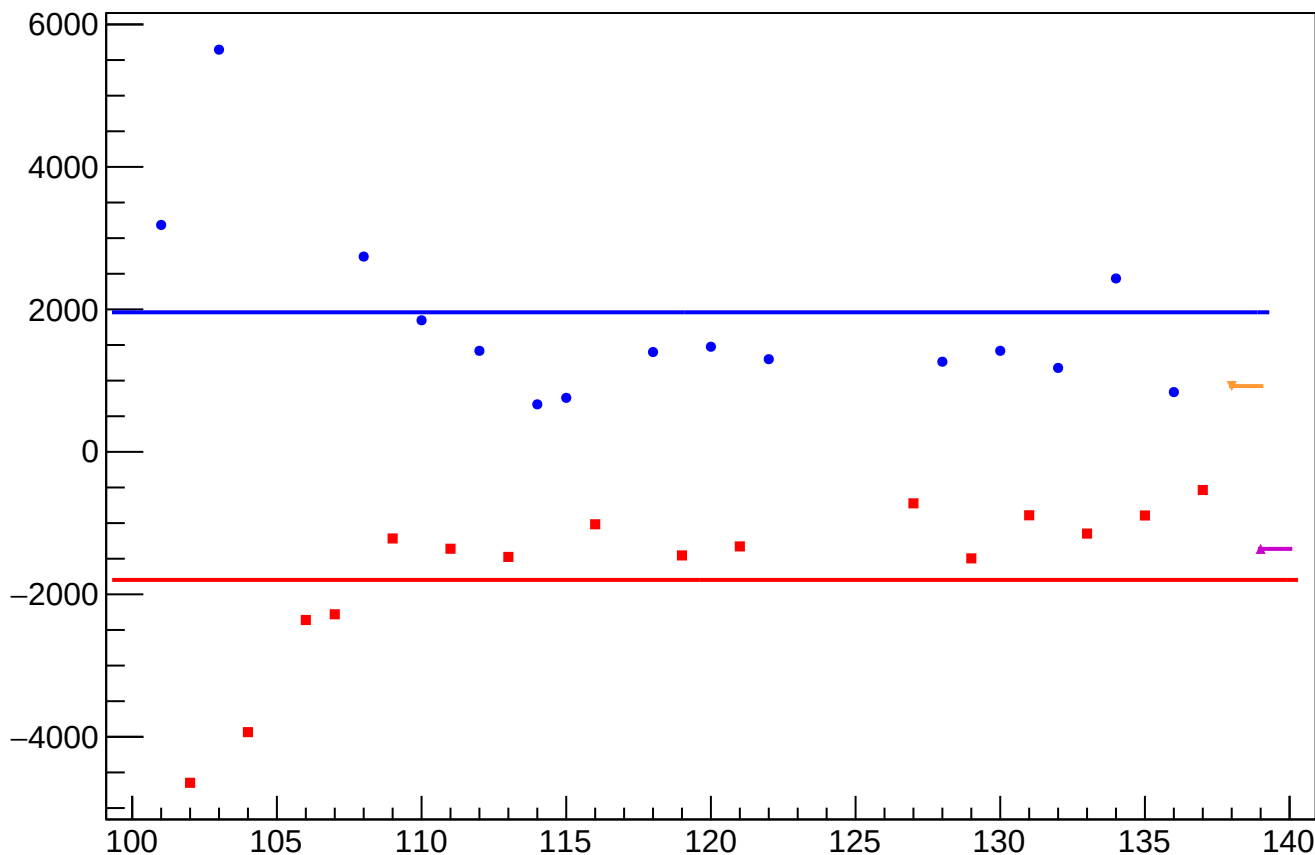
Right: 1587.778+/-0.000 χ^2/NDF : 19264741132603

In: -28539.190+/-0.000 χ^2/NDF : 30536244824483

Out: 30973.764+/-0.000 χ^2/NDF : 31675238785798

All: 1519.895+/-0.000 χ^2/NDF : 19280154317

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835+/-0.000

χ^2/NDF : 1189322999631358431600643692981190131712.0/14

Left: -240.799+/-0.000 χ^2/NDF : 207537593964368

Right: 55.033+/-0.000 χ^2/NDF : 6785490652460108

Left Out: 923.447+/-0.000

χ^2/NDF : 0.0/0

Right Out: -1797.392+/-0.000

χ^2/NDF : 955096623879958195657195074614240215040.0/15

In: 1590.367+/-0.000 χ^2/NDF : 1983435357865594

Out: -1512.526+/-0.000 χ^2/NDF : 14720721510803

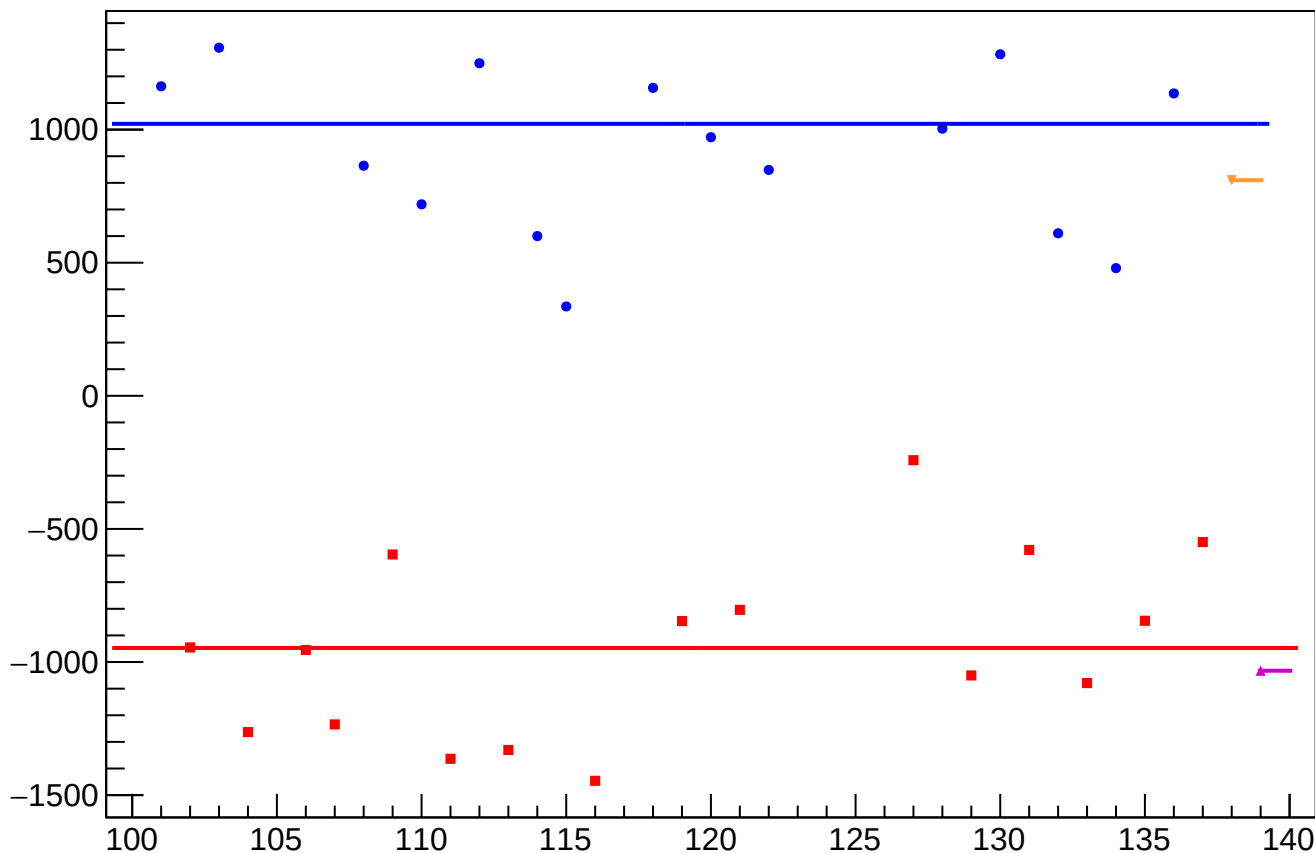
Left In: -1361.926+/-0.000

χ^2/NDF : 0.0/0

All: 23.143+/-0.000

χ^2/NDF : 7005443391140

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: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

Left: -128.767+/-0.000 χ^2/NDF : 134927006885663

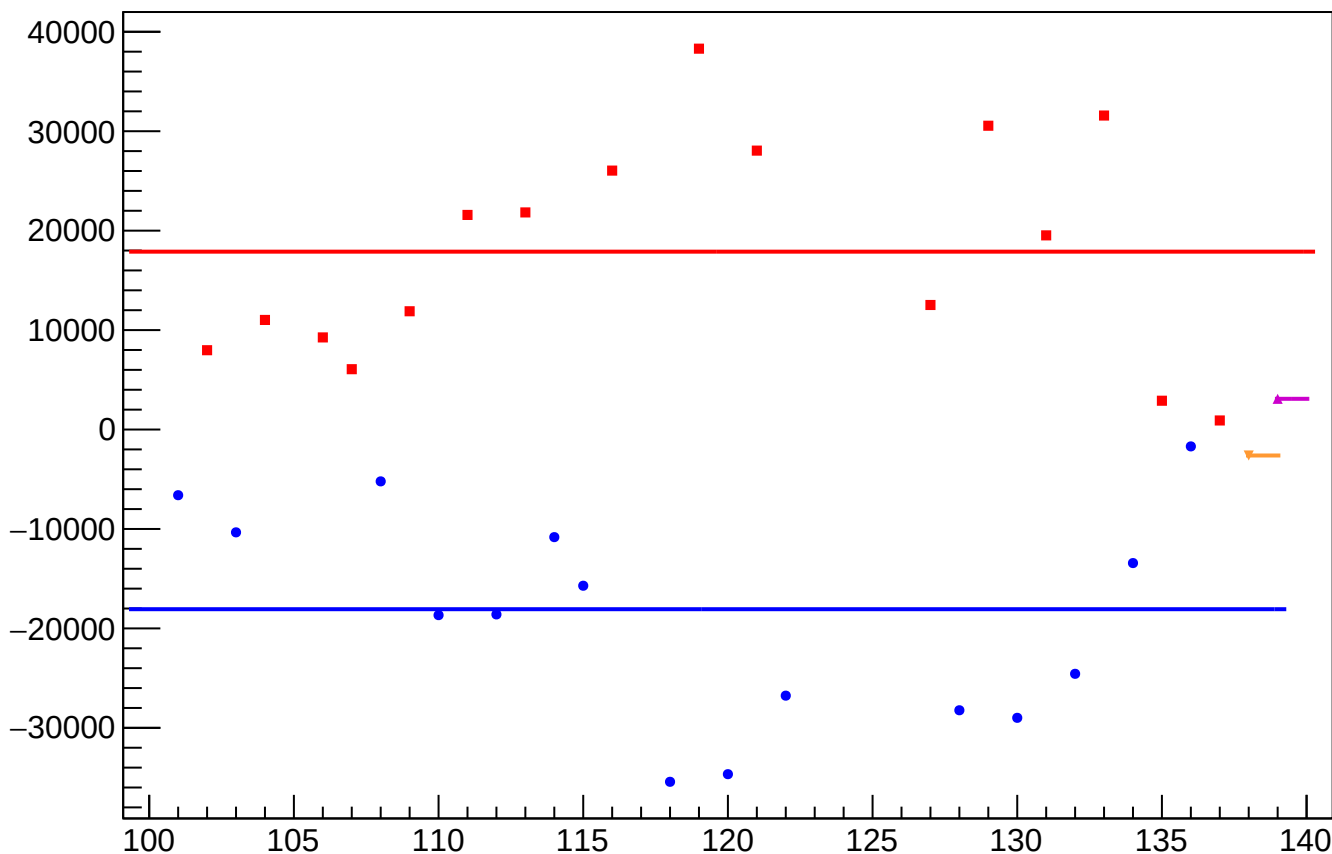
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -763.179+/-0.000 χ^2/NDF : 283393664426041

All: 7.358+/-0.000 χ^2/NDF : 15215677858323

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: 3089.250+/-0.000

χ^2/NDF : 0.0/0

In: -15720.904+/-0.000

χ^2/NDF : 11654865470695

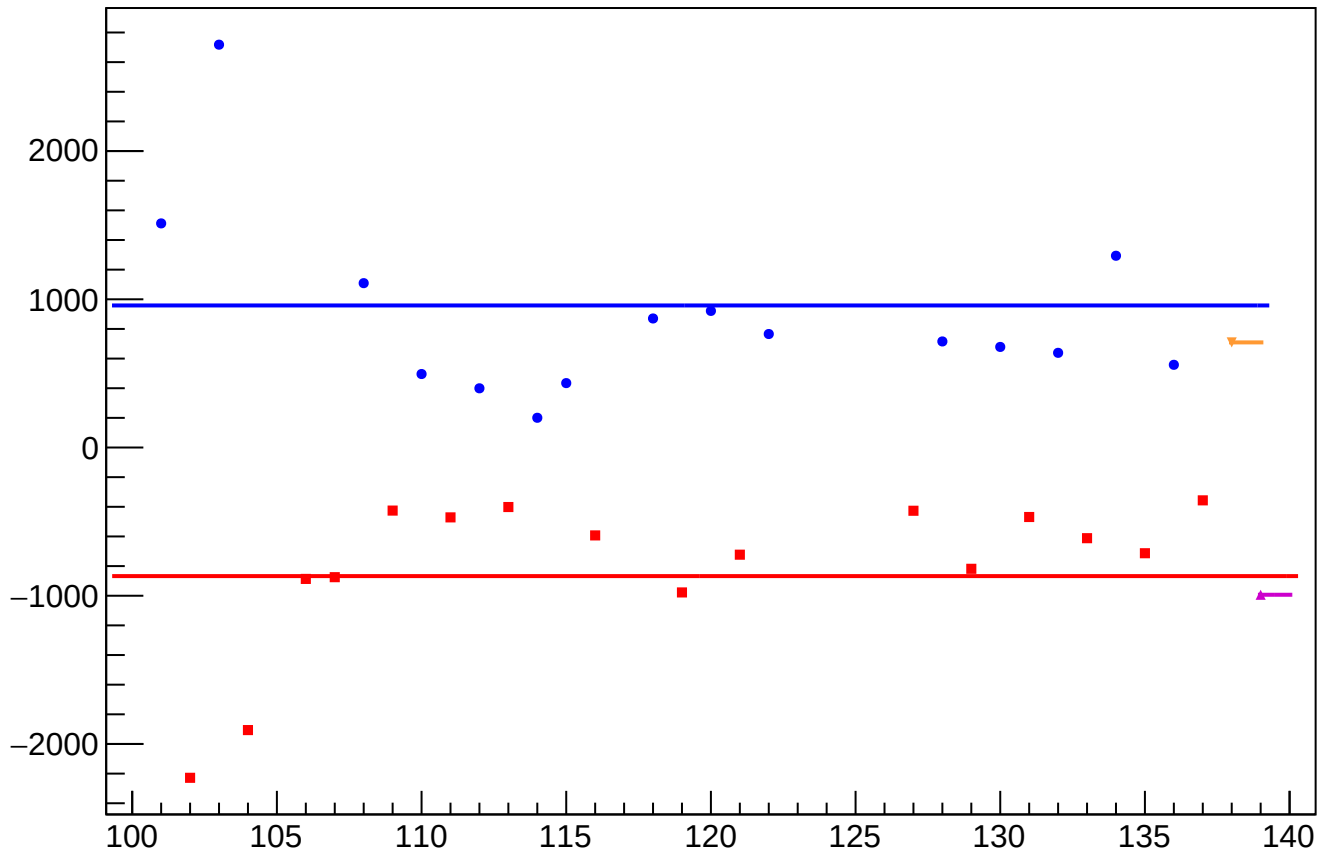
Out: 15741.924+/-0.000

χ^2/NDF : 10775117380874

All: 170.491+/-0.000

χ^2/NDF : 589291215004

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 958.411+/-0.000

χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left: -158.195+/-0.000 χ^2/NDF : 115188395549744

Right: 32.949+/-0.000 χ^2/NDF : 1577572239072451

Left Out: 709.168+/-0.000

χ^2/NDF : 1008126.4/0

In: 741.836+/-0.000 χ^2/NDF : 5390781945522195

Out: -702.460+/-0.000 χ^2/NDF : 389736148588552

Right Out: -867.538+/-0.000

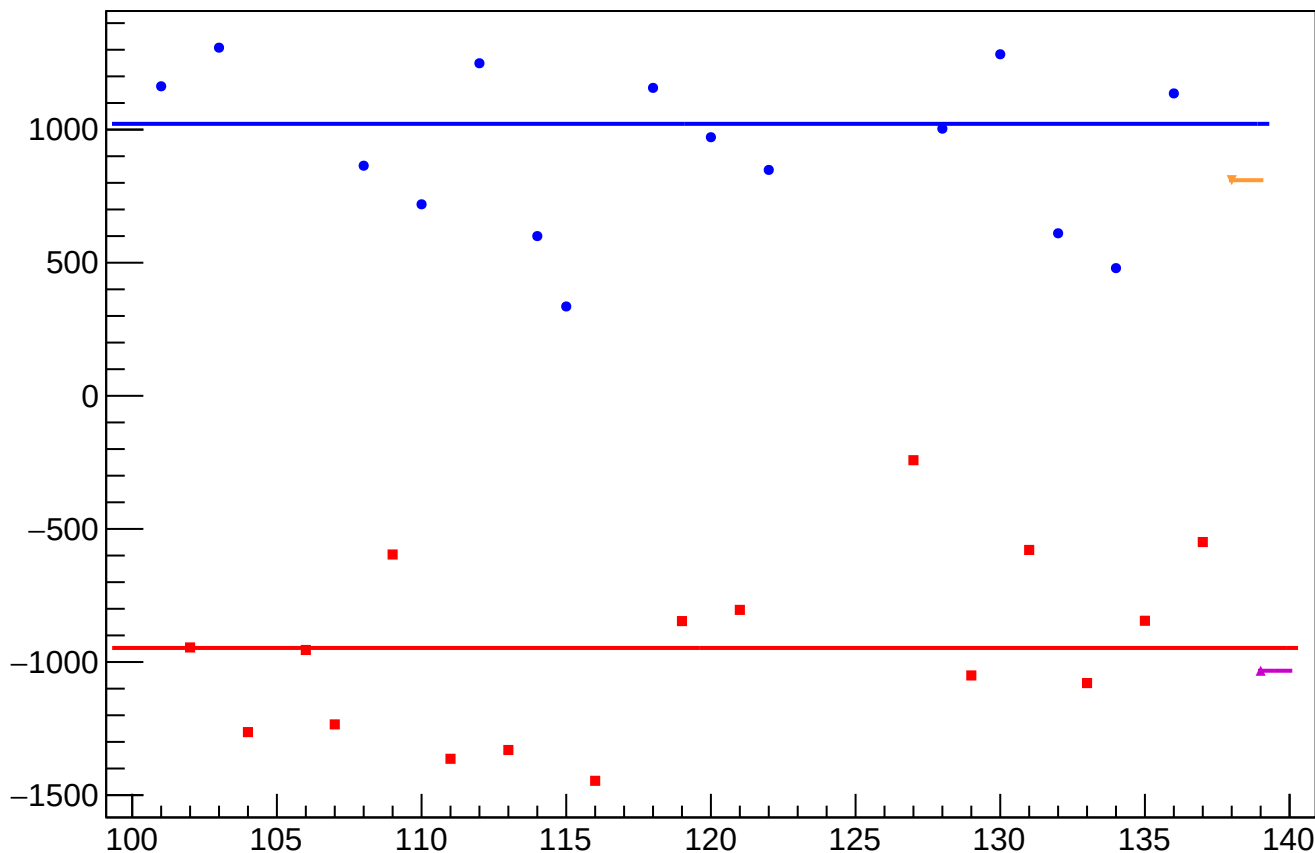
χ^2/NDF : 216129851545166714122252317604488151040.0/15

Left In: -993.434+/-0.000

χ^2/NDF : 0.0/0

All: 12.344+/-0.000 χ^2/NDF : 1697943651124

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

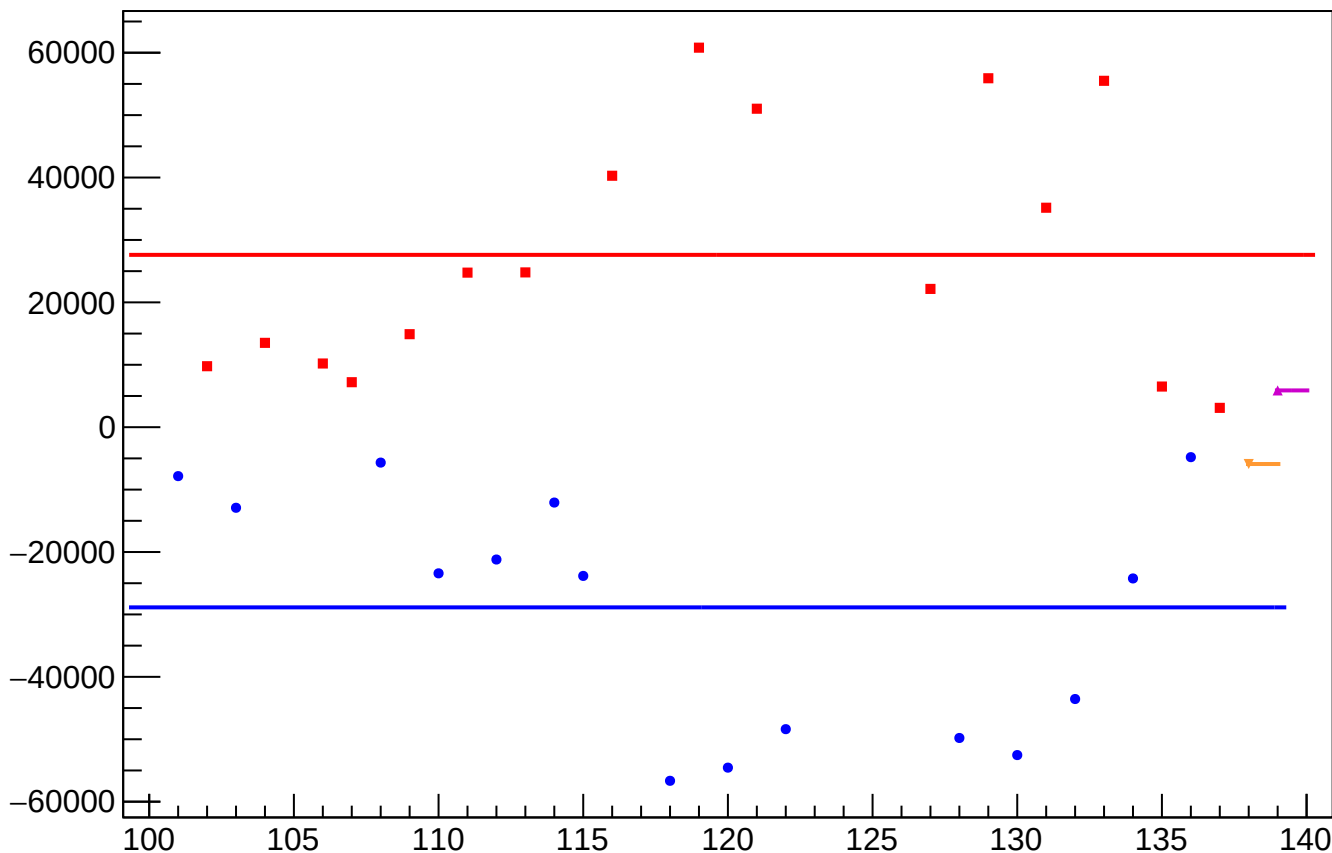
Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

All: 7.358+/-0.000

χ^2/NDF : 15215677858323

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: 5891.968+/-0.000

χ^2/NDF : 0.0/0

In: -25011.627+/-0.000

χ^2/NDF : 34846310692925

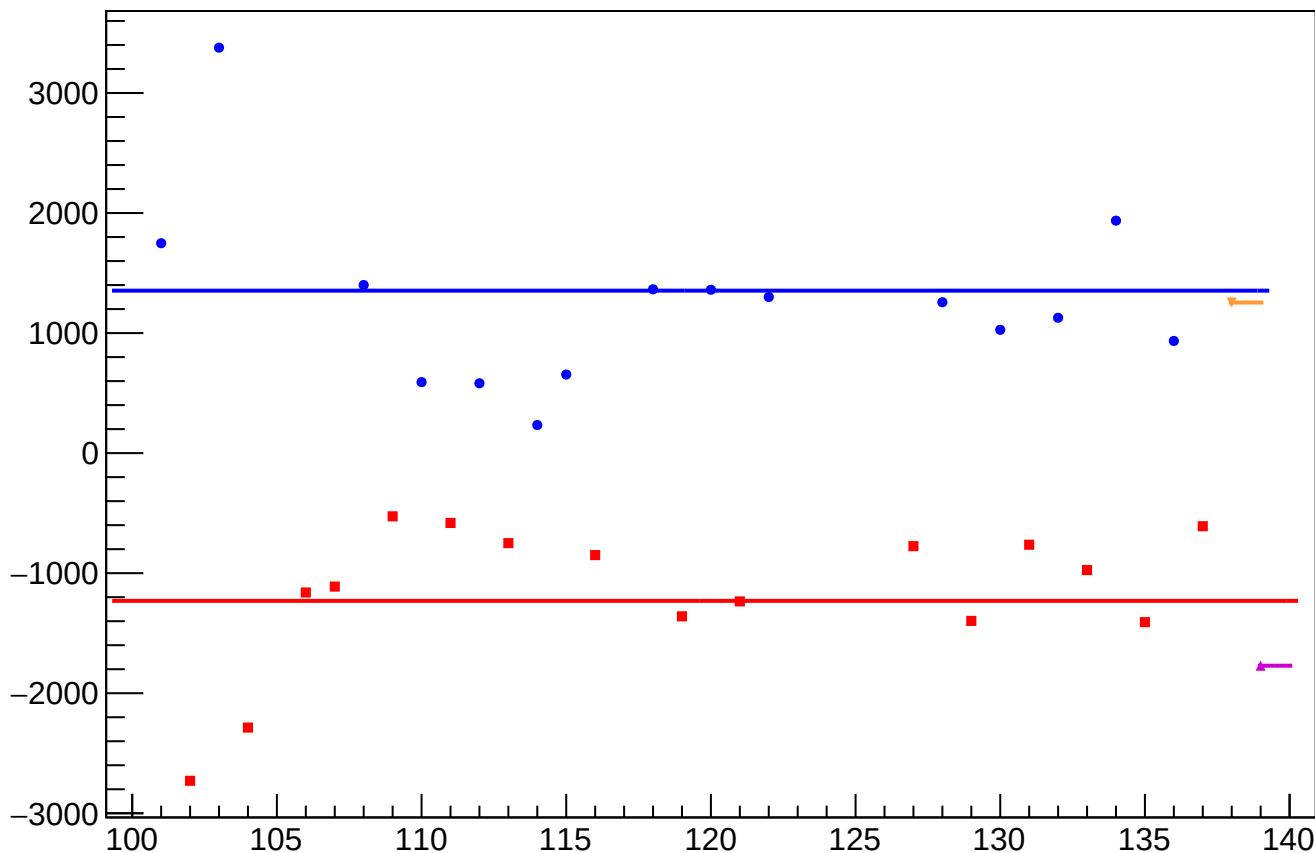
Out: 24102.361+/-0.000

χ^2/NDF : 32651807472548

All: -204.901+/-0.000

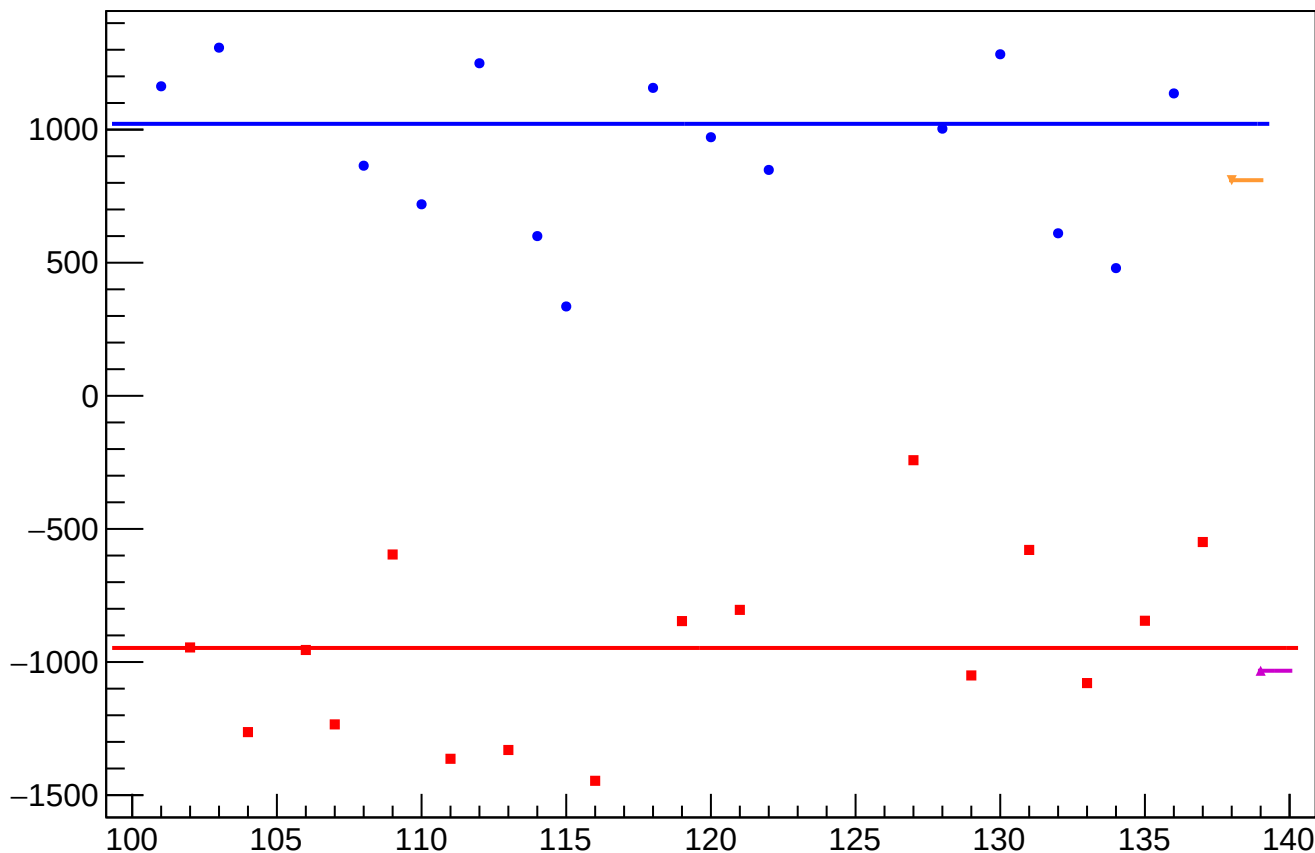
χ^2/NDF : 15643819475

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 1353.413 +/- 0.000 $\chi^2/\text{NDF}: 352887966702770713373861839880553758720.0/14$
 Left Out: 1254.328 +/- 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -1230.633 +/- 0.000 $\chi^2/\text{NDF}: 276989454129150005656872744539903754240.0/15$
 Left In: -1770.774 +/- 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 1006.757 +/- 0.000 $\chi^2/\text{NDF}: 1055767703887572$
 Out: -970.462 +/- 0.000 $\chi^2/\text{NDF}: 708213889087468$
 All: 8.093 +/- 0.000 $\chi^2/\text{NDF}: 32054218331684$

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: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

Left: -128.767+/-0.000 χ^2/NDF : 134927006885663

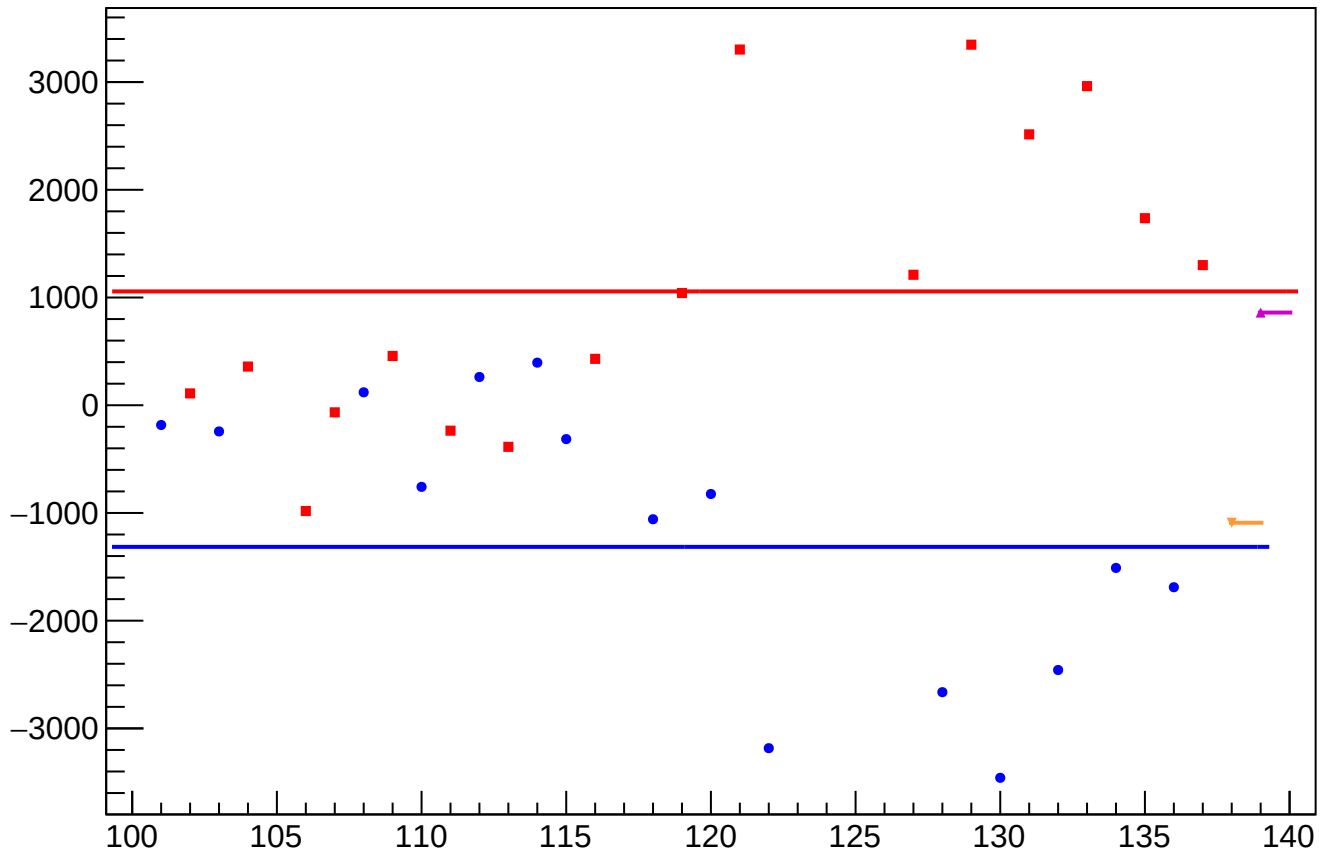
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -763.179+/-0.000 χ^2/NDF : 283393664426041

All: 7.358+/-0.000 χ^2/NDF : 15215677858323

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: -1314.782+/-0.000

χ^2/NDF : 966082368518203481544021644405645508608.0/14

Left Out: -1091.091+/-0.000

χ^2/NDF : 4032505.5/0

Right Out: 1056.765+/-0.000

χ^2/NDF : 1127141594187417021949832477353286041600.0/15

Left In: 860.420+/-0.000

χ^2/NDF : 0.0/0

Left: -96.925+/-0.000 χ^2/NDF : 1513296755242561

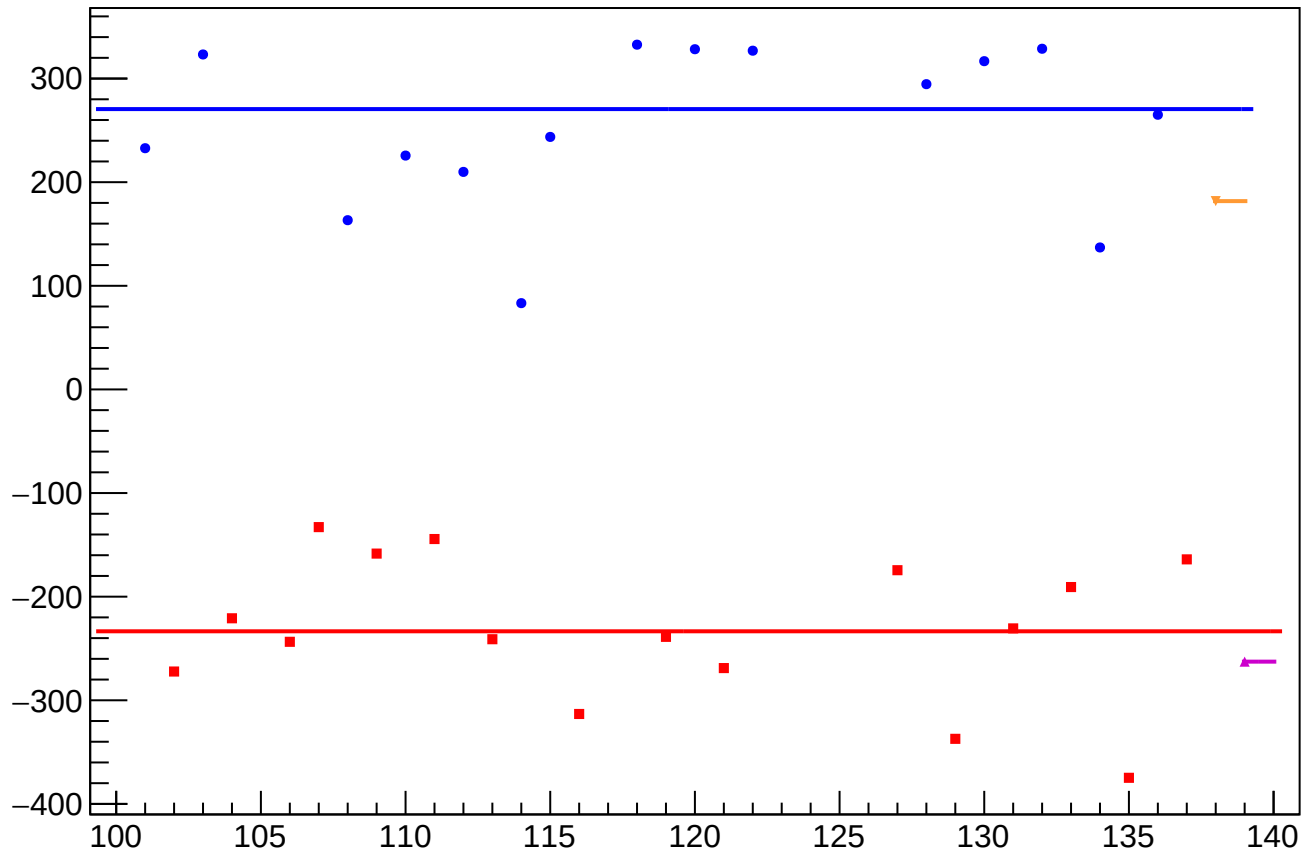
Right: -112.789+/-0.000 χ^2/NDF : 39432514405702

In: -1073.424+/-0.000 χ^2/NDF : 130680877342913

Out: 831.889+/-0.000 χ^2/NDF : 1449303694277603

All: -111.079+/-0.000 χ^2/NDF : 40946168194

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 270.538+/-0.000

χ^2/NDF : 2473839905347950323907848405170257920.0/14

Left: -44.682+/-0.000 χ^2/NDF : 7848673427787028

Right: 15.112+/-0.000 χ^2/NDF : 8906438963054982

Left Out: 181.728+/-0.000

χ^2/NDF : 0.0/0

Right Out: -233.421+/-0.000

χ^2/NDF : 3048529087317888615064010247743995904.0/15

In: 211.370+/-0.000 χ^2/NDF : 22950486275807932

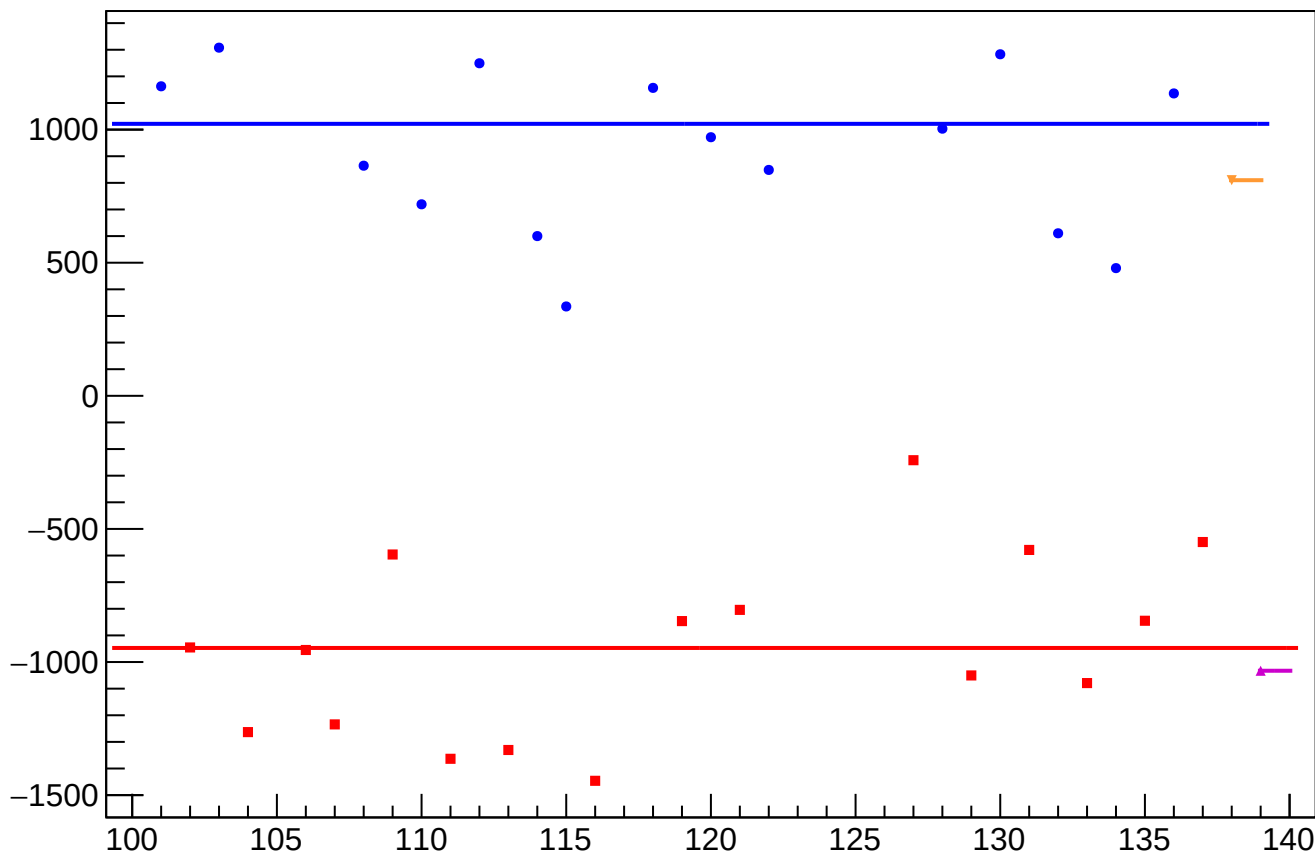
Out: -189.956+/-0.000 χ^2/NDF : 150842245942843

Left In: -262.706+/-0.000

χ^2/NDF : 261725.1/0

All: 8.666+/-0.000 χ^2/NDF : 9742025914446

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: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

Left: -128.767+/-0.000 χ^2/NDF : 134927006885663

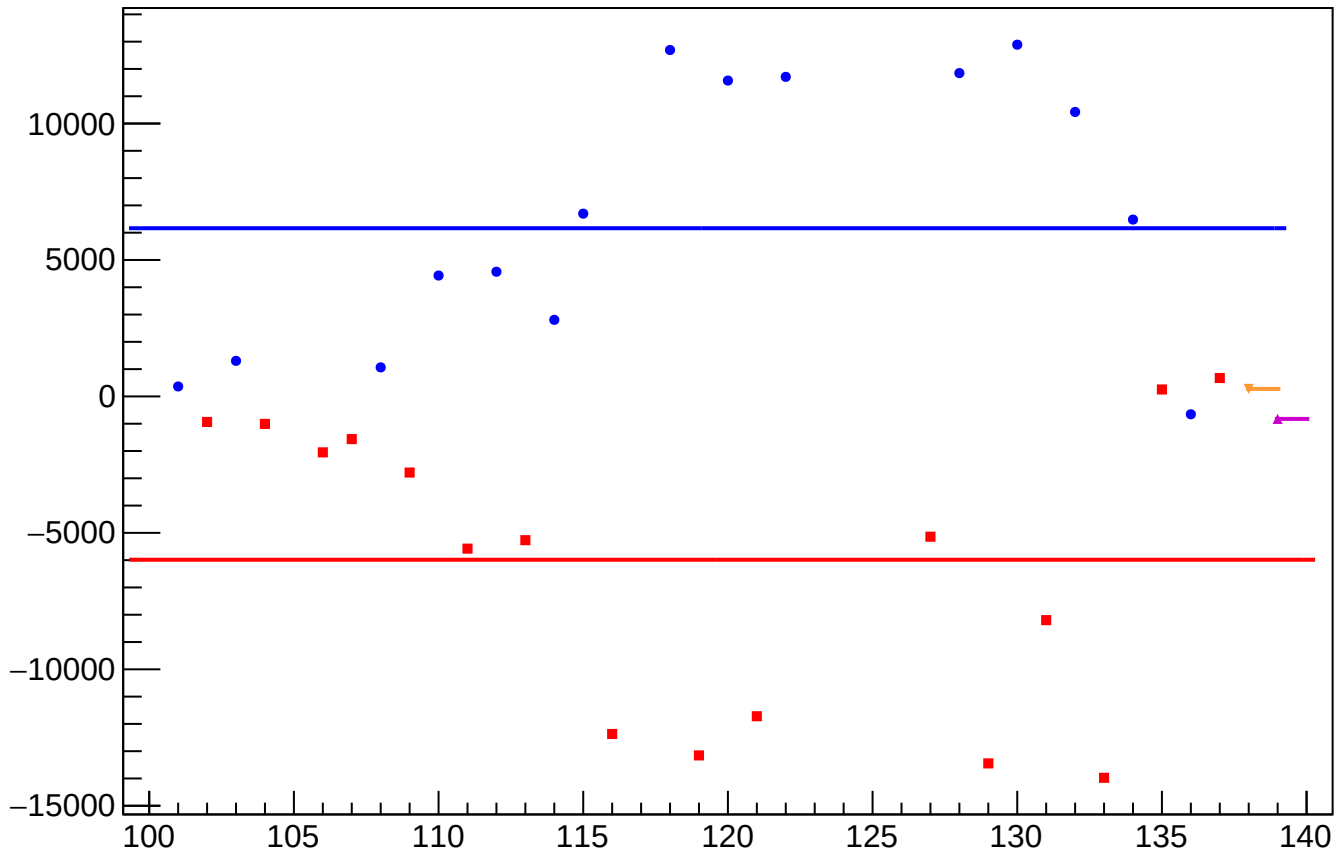
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 793.727+/-0.000 χ^2/NDF : 34443276842083690

Out: -763.179+/-0.000 χ^2/NDF : 283393664426041

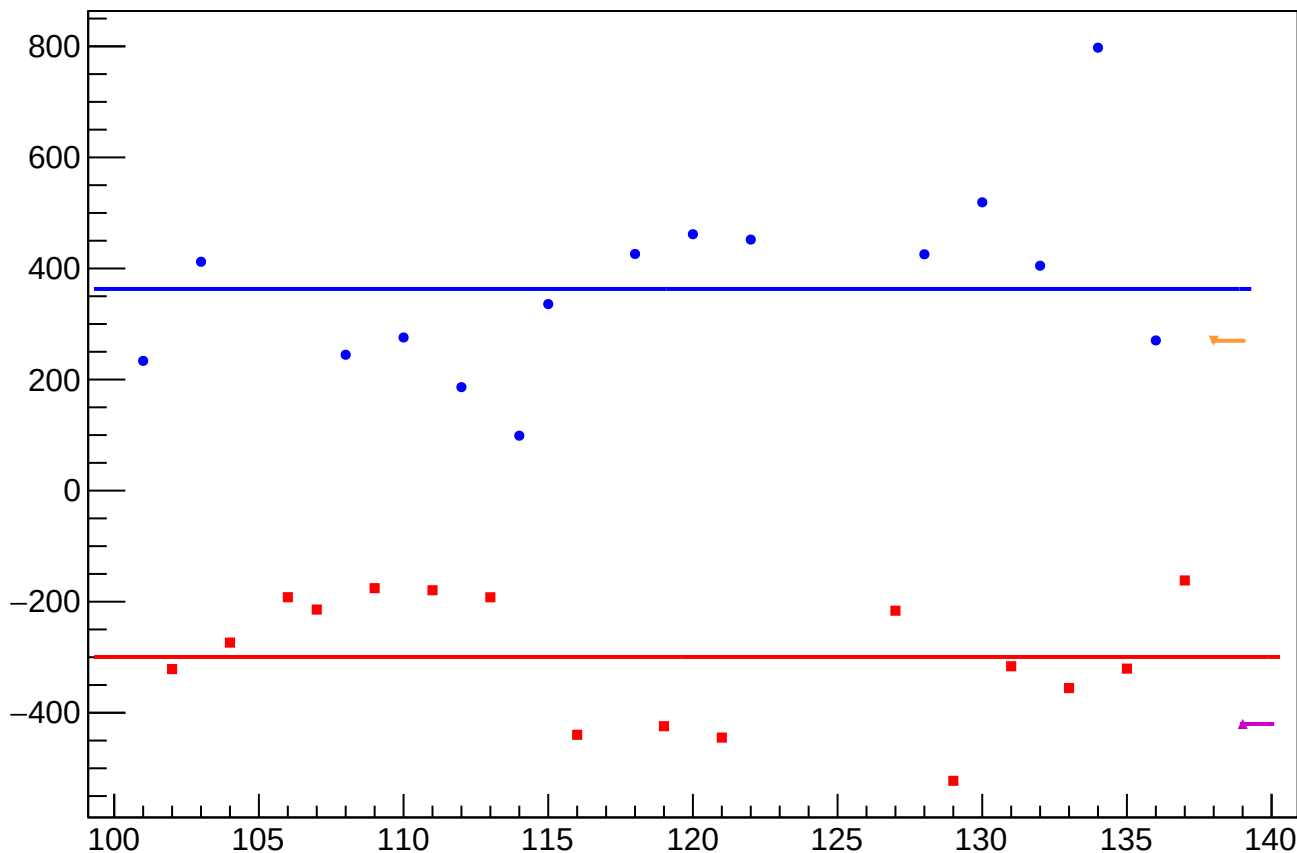
All: 7.358+/-0.000 χ^2/NDF : 15215677858323

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left: -284.541+/-0.000 χ^2/NDF : 480489145488978
 Right: 6.710+/-0.000 χ^2/NDF : 84243130977336022
 Left Out: 275.653+/-0.000 χ^2/NDF : 252031.6/0
 In: 5388.127+/-0.000 χ^2/NDF : 2171656716428676
 Right Out: -5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Out: -5328.516+/-0.000 χ^2/NDF : 20241399968608
 Left In: -823.987+/-0.000 χ^2/NDF : 1046900.5/0
 All: -24.686+/-0.000 χ^2/NDF : 843032134832

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: -420.155+/-0.000

χ^2/NDF : 0.0/0

In: 276.220+/-0.000

χ^2/NDF : 55685250236442580

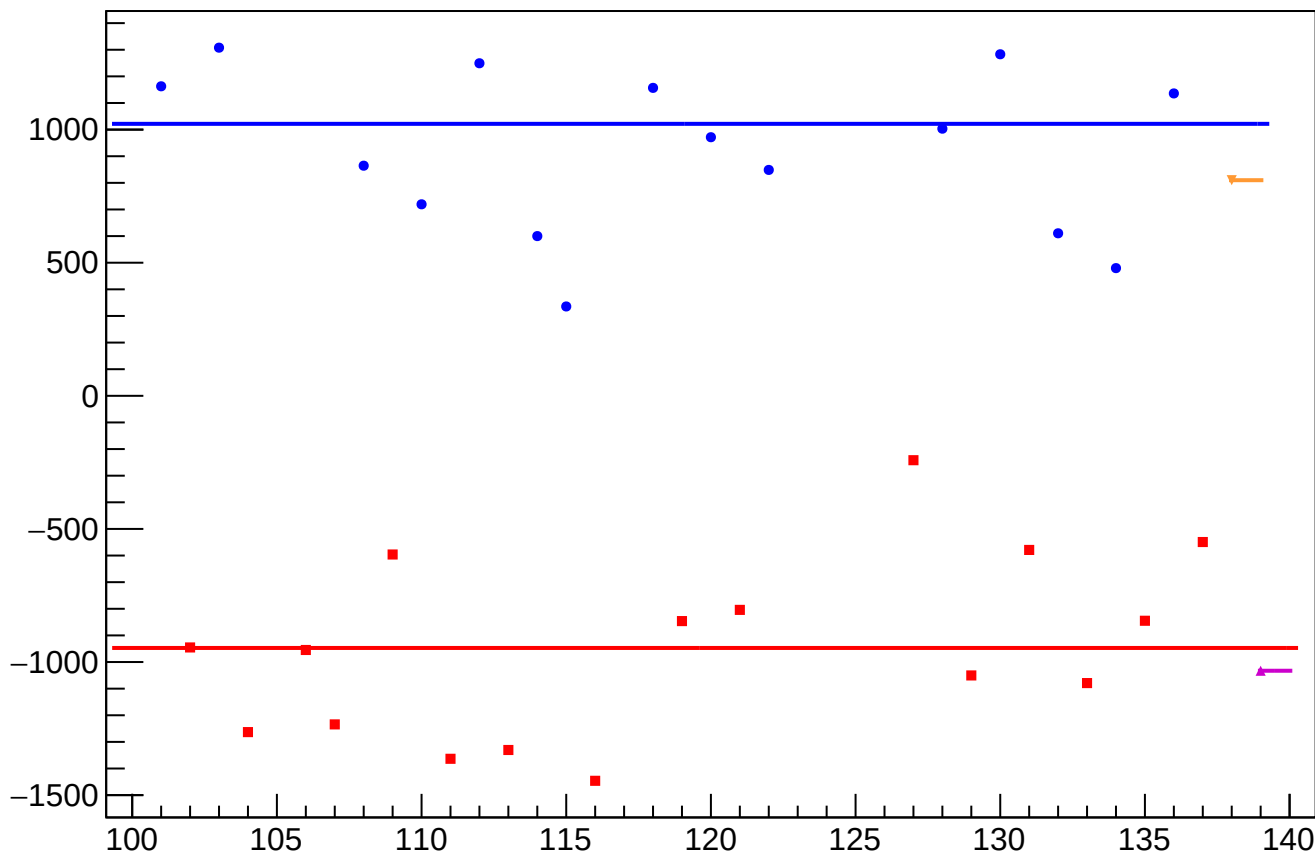
Out: -239.901+/-0.000

χ^2/NDF : 303250787034132

All: 15.535+/-0.000

χ^2/NDF : 1842284962939

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: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

In: 793.727+/-0.000

χ^2/NDF : 34443276842083690

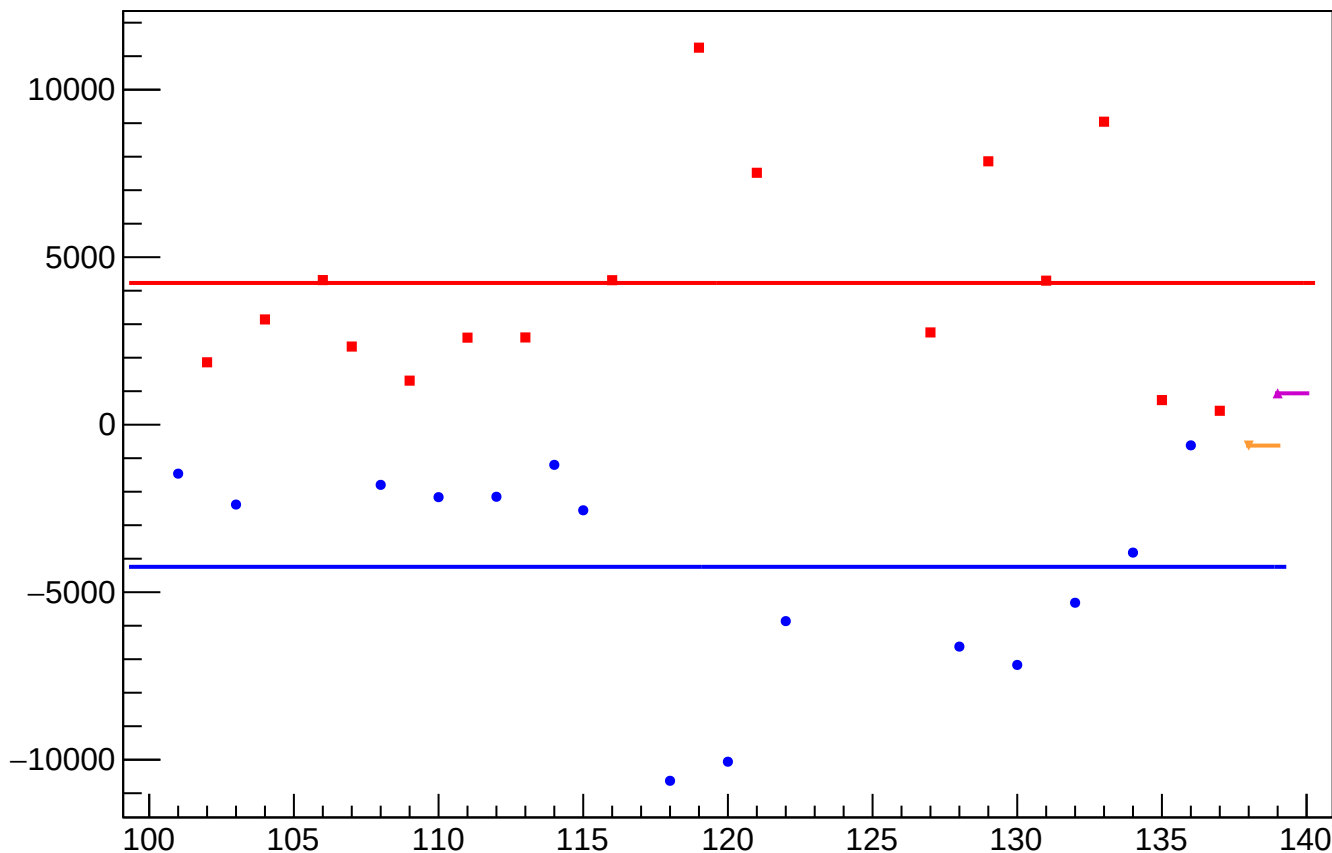
Out: -763.179+/-0.000

χ^2/NDF : 283393664426041

All: 7.358+/-0.000

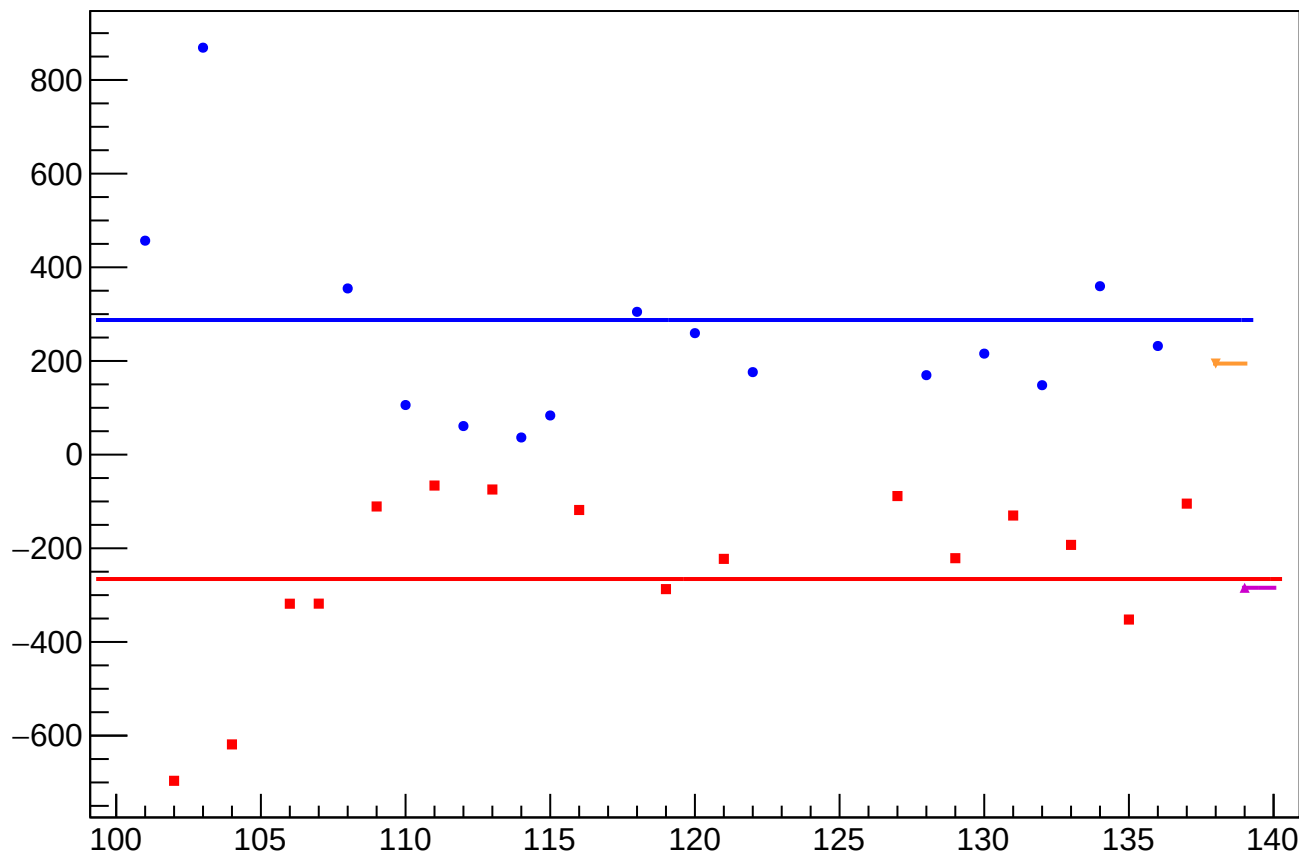
χ^2/NDF : 15215677858323

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left: 171.487+/-0.000 χ^2/NDF : 9668911461853653
 Right: 52.349+/-0.000 χ^2/NDF : 3708179263230228
 Left Out: -623.180+/-0.000 χ^2/NDF : 1008126.4/0
 In: -3667.530+/-0.000 χ^2/NDF : 871491296369088
 Right Out: 4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Out: 3722.758+/-0.000 χ^2/NDF : 832788755849785
 Left In: 936.722+/-0.000 χ^2/NDF : 0.0/0
 All: 65.192+/-0.000 χ^2/NDF : 3718049529628

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: -284.301+/-0.000

χ^2/NDF : 0.0/0

In: 224.018+/-0.000

χ^2/NDF : 53058572909842340

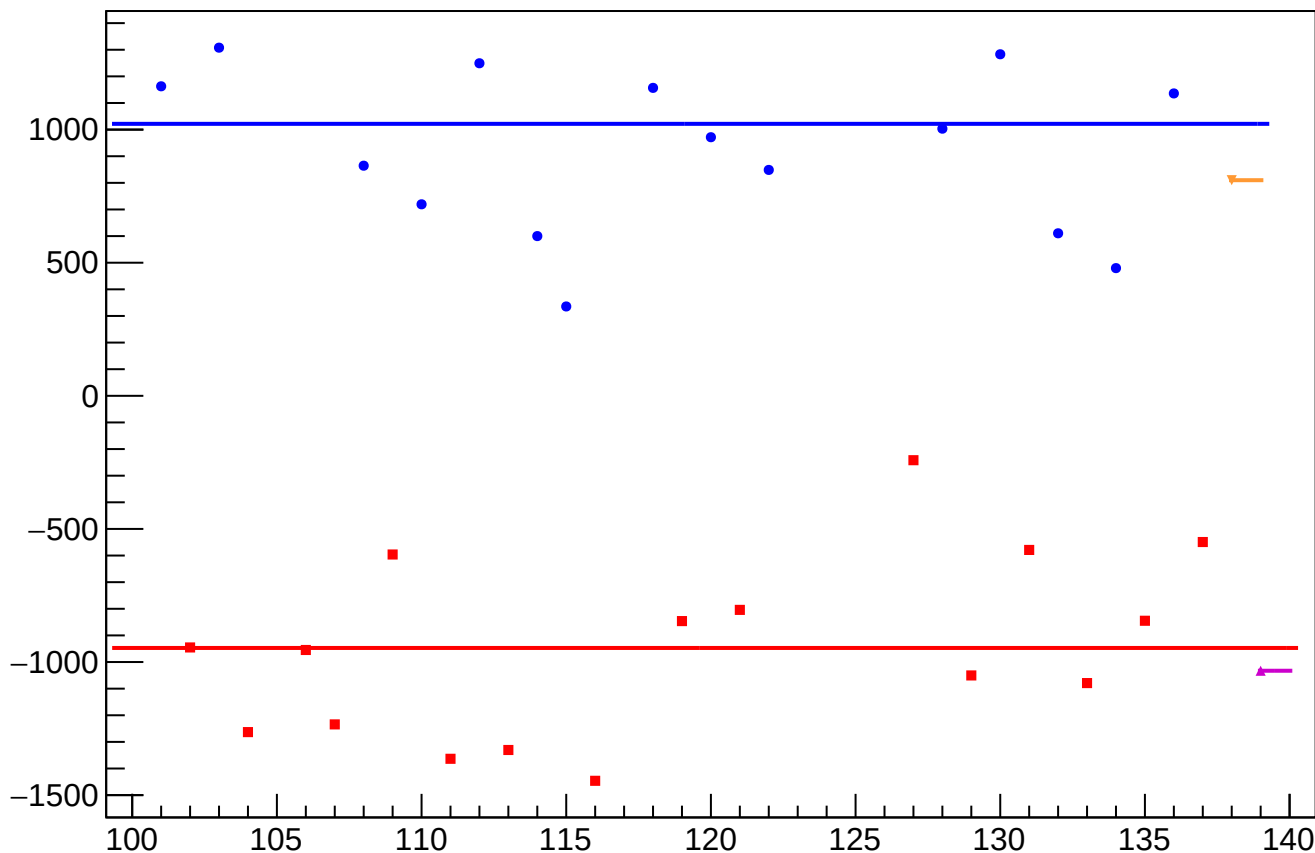
Out: -217.427+/-0.000

χ^2/NDF : 406226396682463

All: 1.051+/-0.000

χ^2/NDF : 1655335282769

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: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

In: 793.727+/-0.000

χ^2/NDF : 34443276842083690

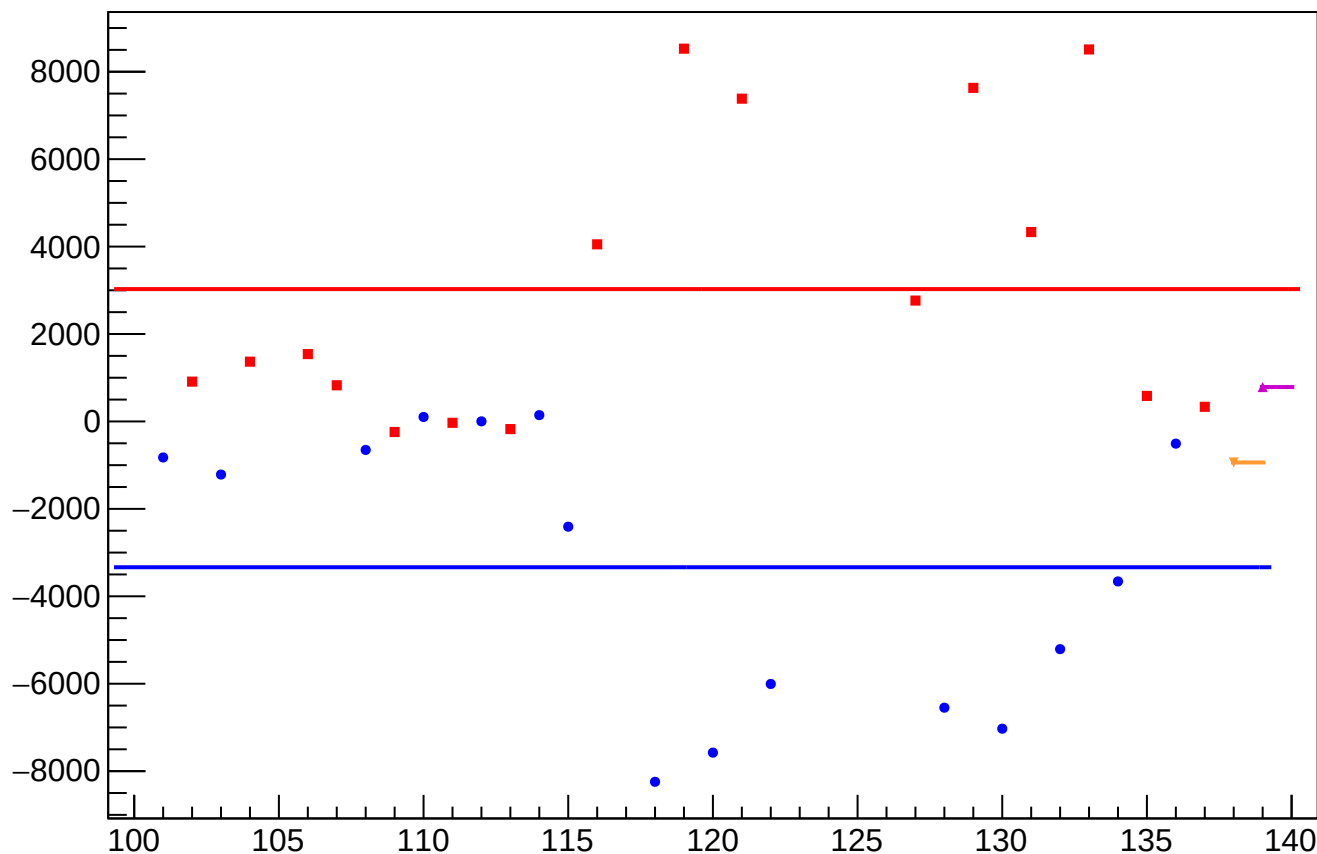
Out: -763.179+/-0.000

χ^2/NDF : 283393664426041

All: 7.358+/-0.000

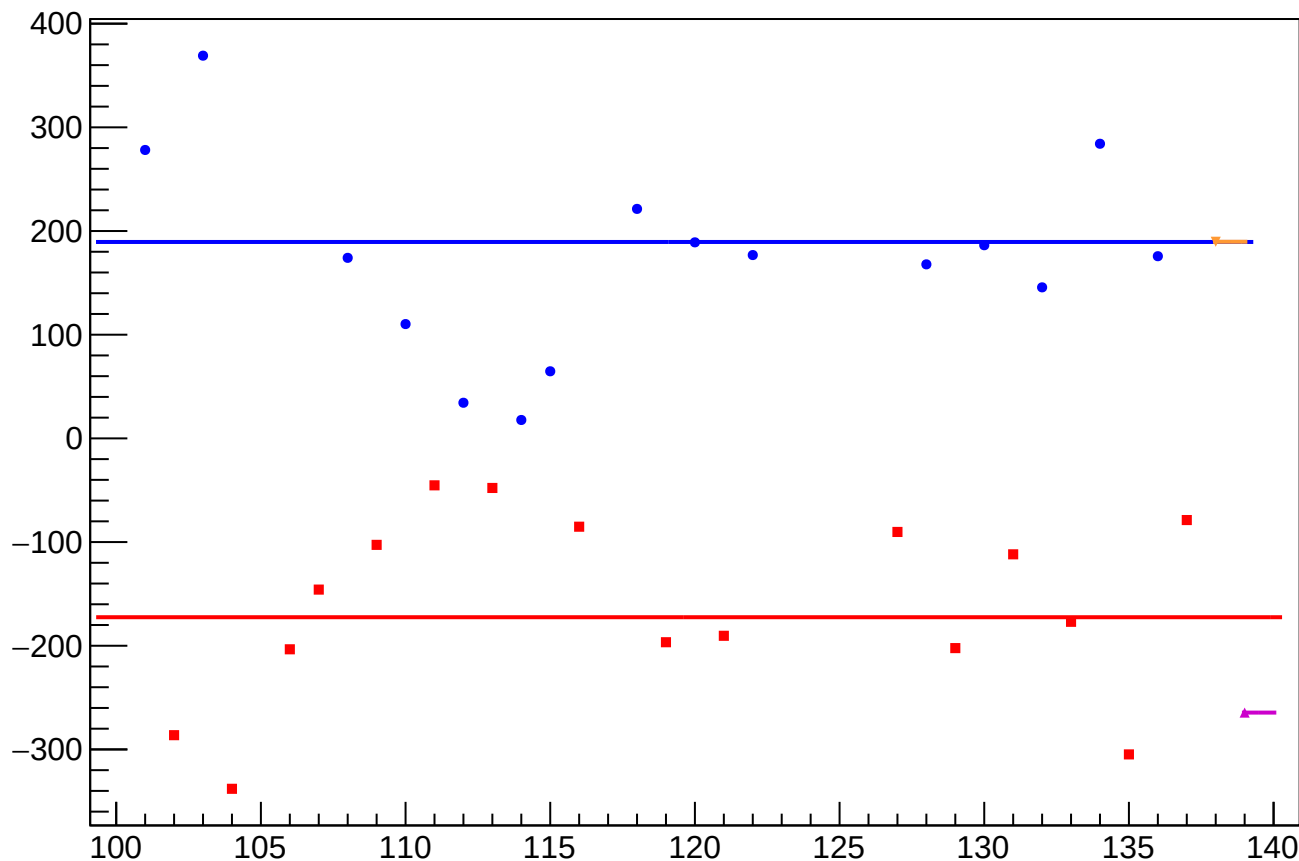
χ^2/NDF : 15215677858323

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -938.248+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: 3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: 786.745+/-0.000 χ^2/NDF : 1046900.5/0
 Left: -59.478+/-0.000 χ^2/NDF : 1182379421343280
 Right: -110.320+/-0.000 χ^2/NDF : 26741707536001
 In: -2877.898+/-0.000 χ^2/NDF : 756165070999587
 Out: 2612.386+/-0.000 χ^2/NDF : 818449723005258
 All: -104.839+/-0.000 χ^2/NDF : 26860312171

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: -264.471+/-0.000

χ^2/NDF : 0.0/0

Left: -41.699+/-0.000 χ^2/NDF : 8194253166935850

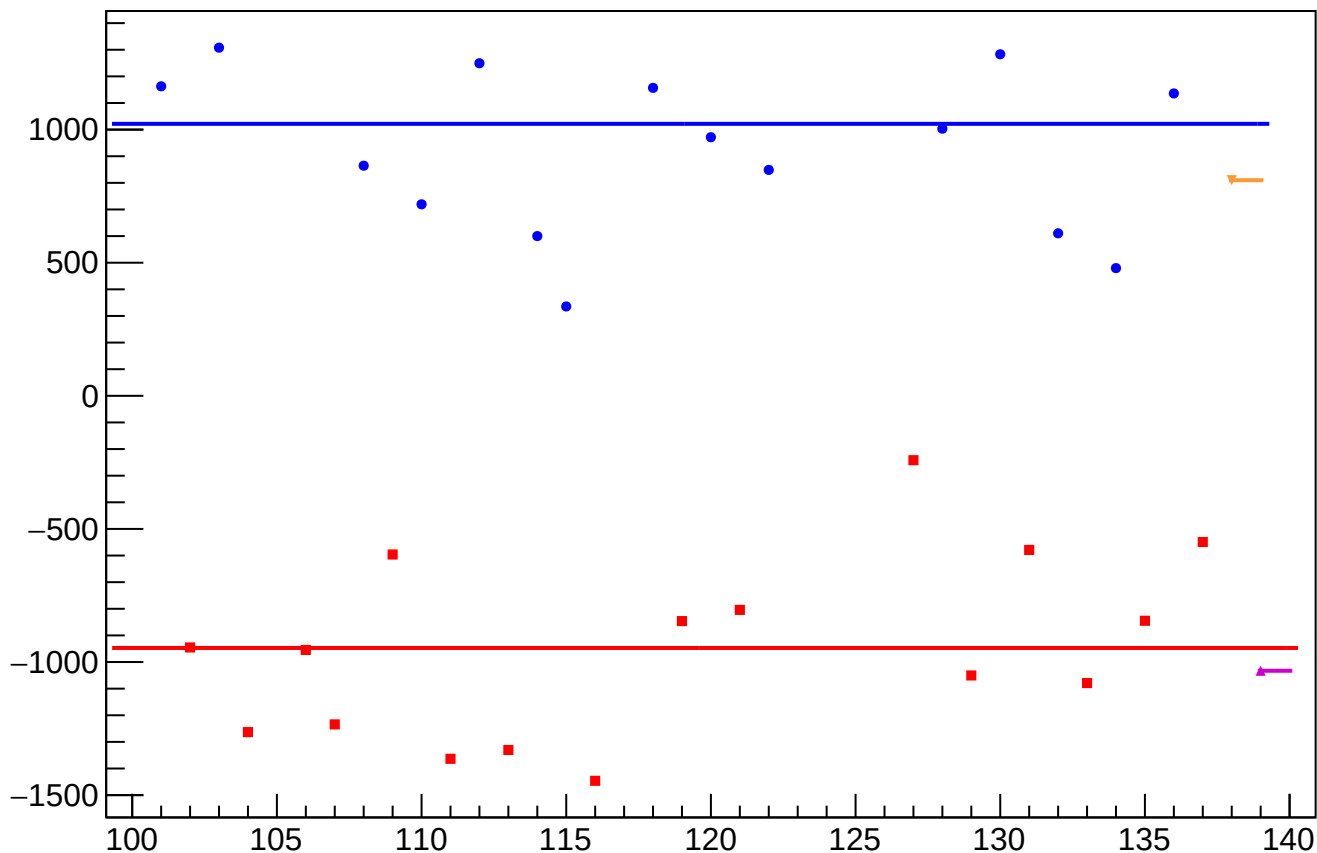
Right: 6.003+/-0.000 χ^2/NDF : 53389896429660457

In: 139.076+/-0.000 χ^2/NDF : 19544412603731220

Out: -134.571+/-0.000 χ^2/NDF : 147524608745232

All: 0.861+/-0.000 χ^2/NDF : 61906951770147

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

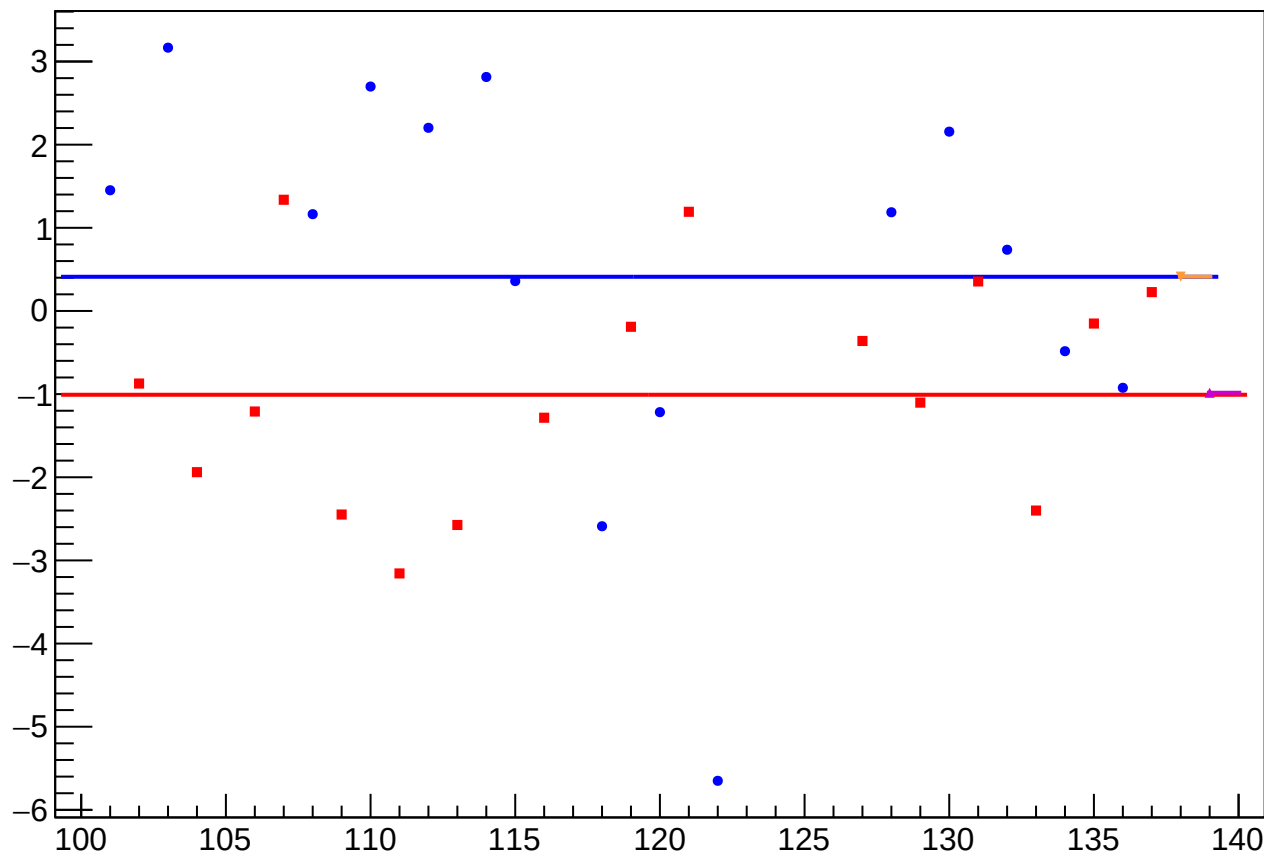
Left In: -1032.741+/-0.000

χ^2/NDF : 4187601.9/0

All: 7.358+/-0.000

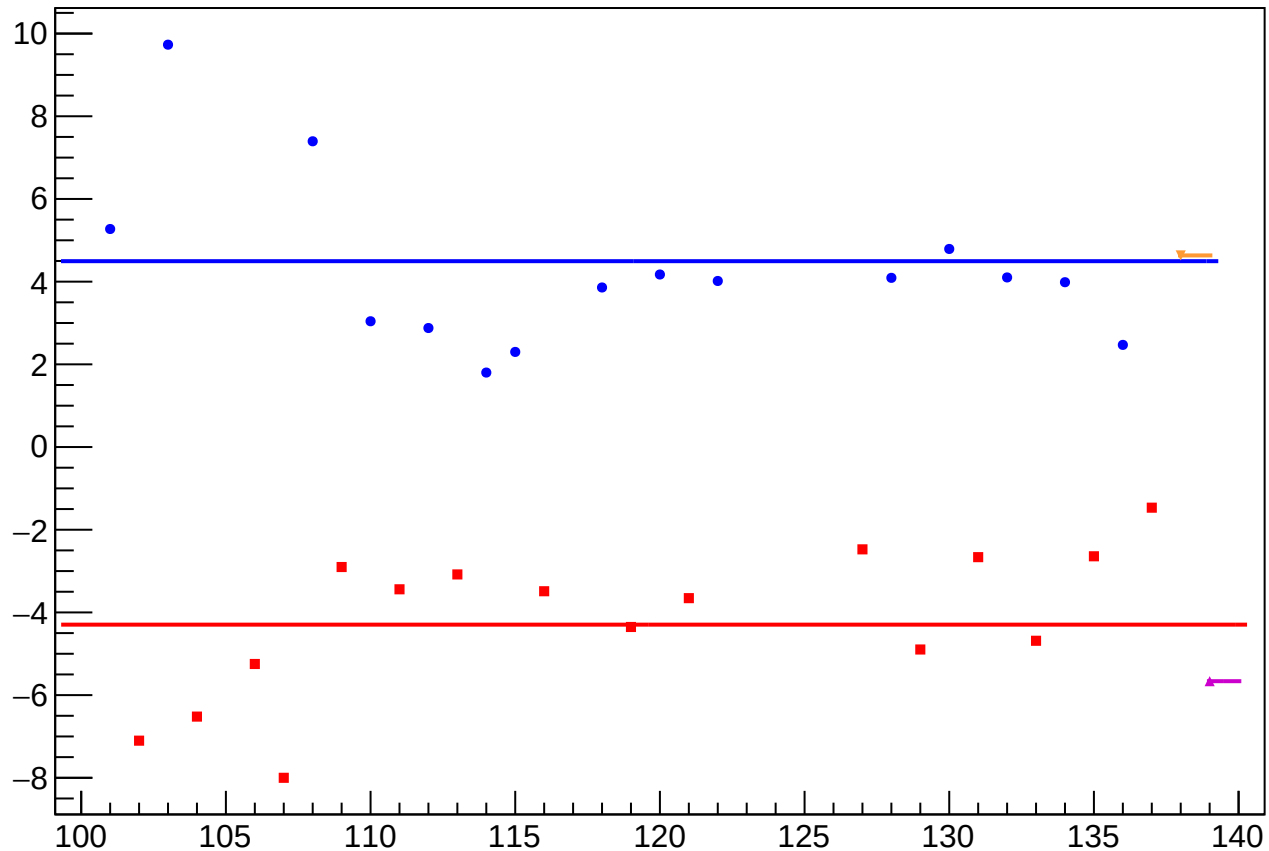
χ^2/NDF : 15215677858323

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: -0.983+/-0.000 χ^2/NDF : 0.0/0
 In: 0.256+/-0.000 χ^2/NDF : 3525643704785551032
 Out: -0.859+/-0.000 χ^2/NDF : 12693393969663206
 All: -0.307+/-0.000 χ^2/NDF : 5253802256596

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000

χ^2/NDF : 2742240072441097531500728791597056.0/14

Left Out: 4.634+/-0.000

χ^2/NDF : 0.0/0

Right Out: -4.296+/-0.000

χ^2/NDF : 2011925707062051890381007475441664.0/15

Left In: -5.663+/-0.000

χ^2/NDF : 0.0/0

Left: -0.611+/-0.000 χ^2/NDF : 42134350517310620

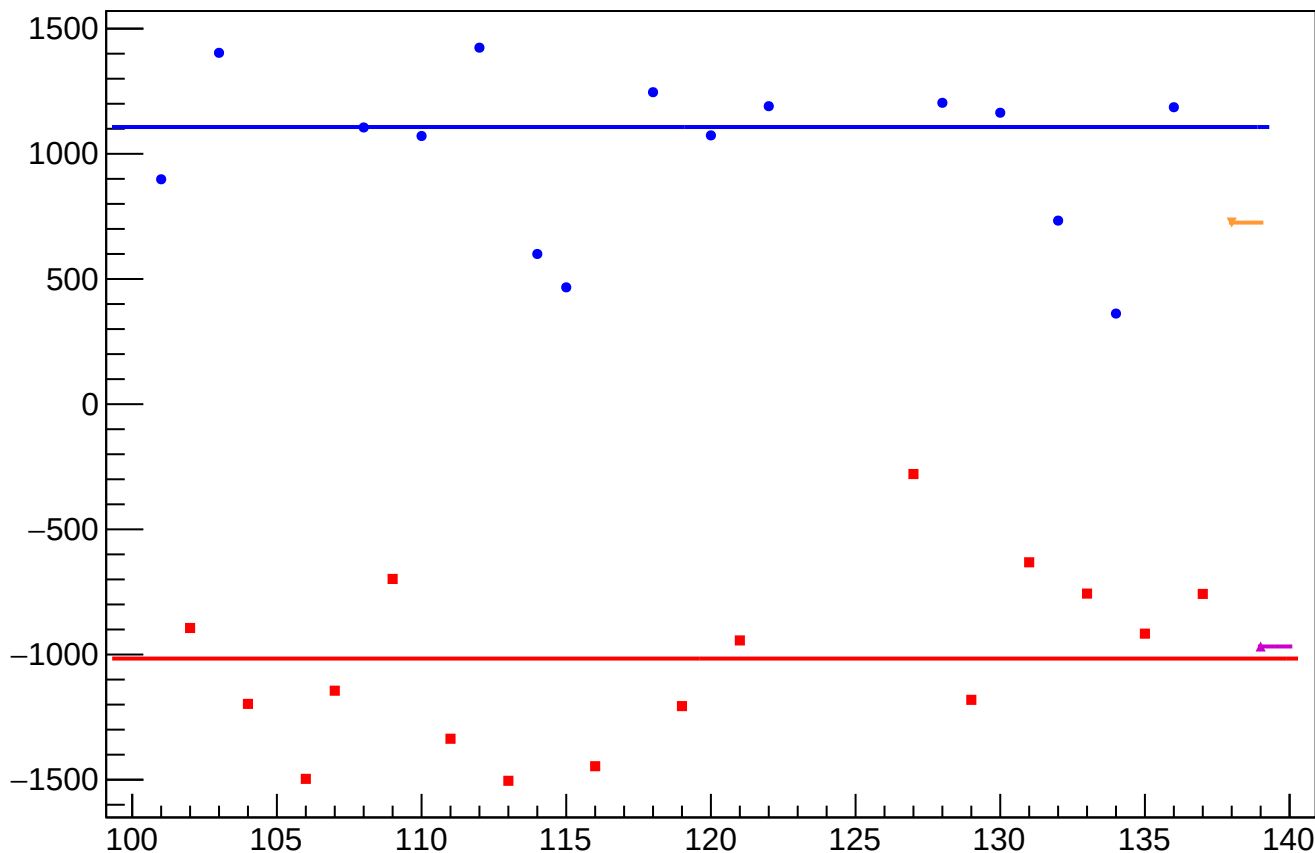
Right: 0.040+/-0.000 χ^2/NDF : 30173534256832041

In: 3.368+/-0.000 χ^2/NDF : 1017313047833507987

Out: -3.361+/-0.000 χ^2/NDF : 75806842240510176

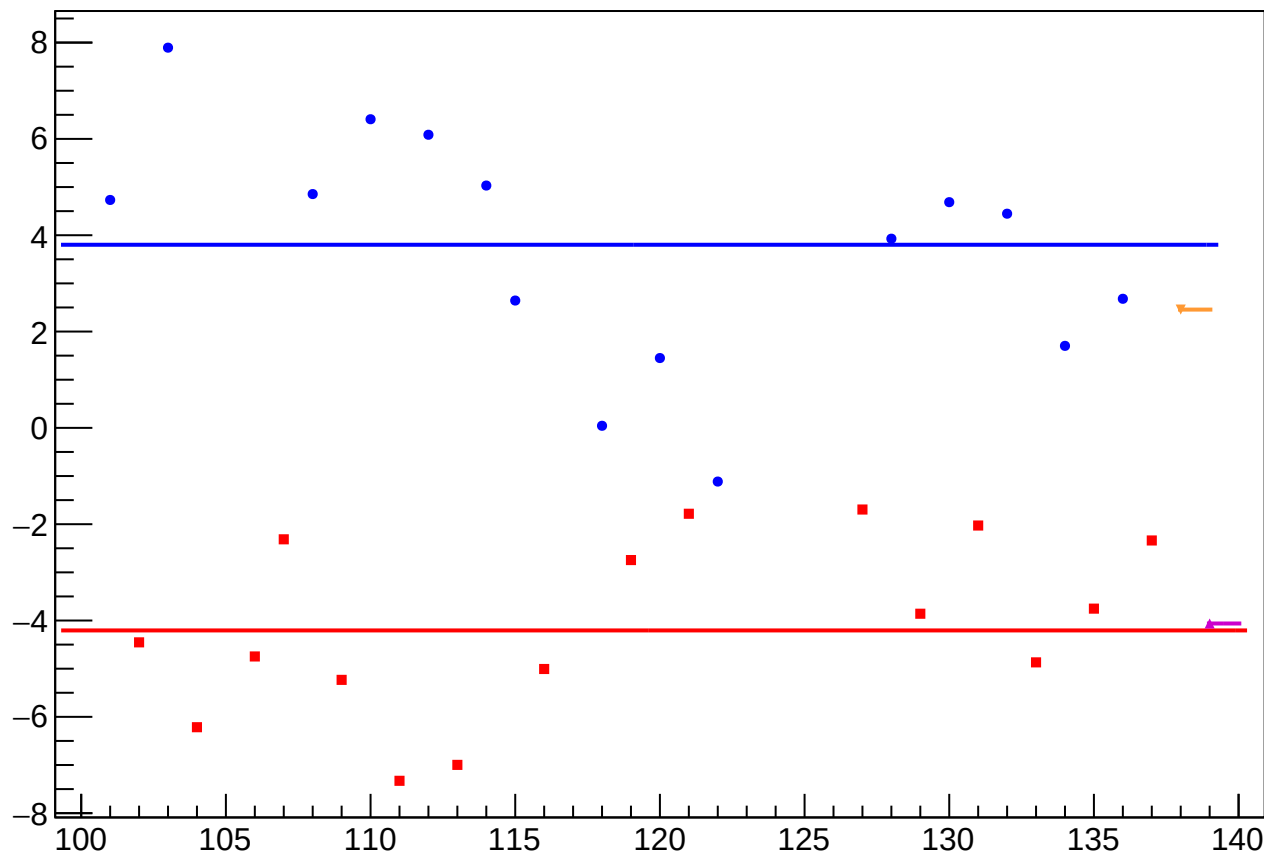
All: -0.031+/-0.000 χ^2/NDF : 3444712194219

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



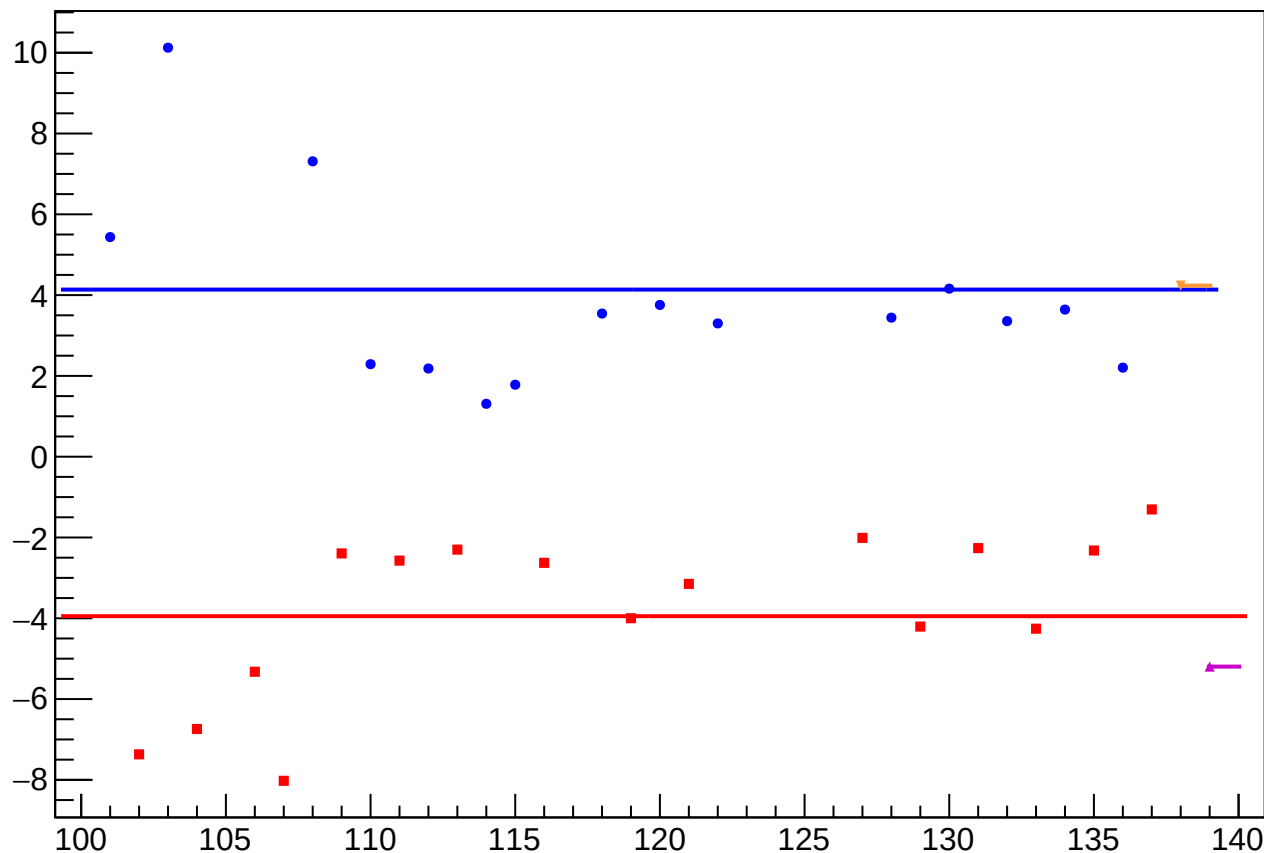
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

dit_4eX_coil4_mean vs Slug, Sign Corrected



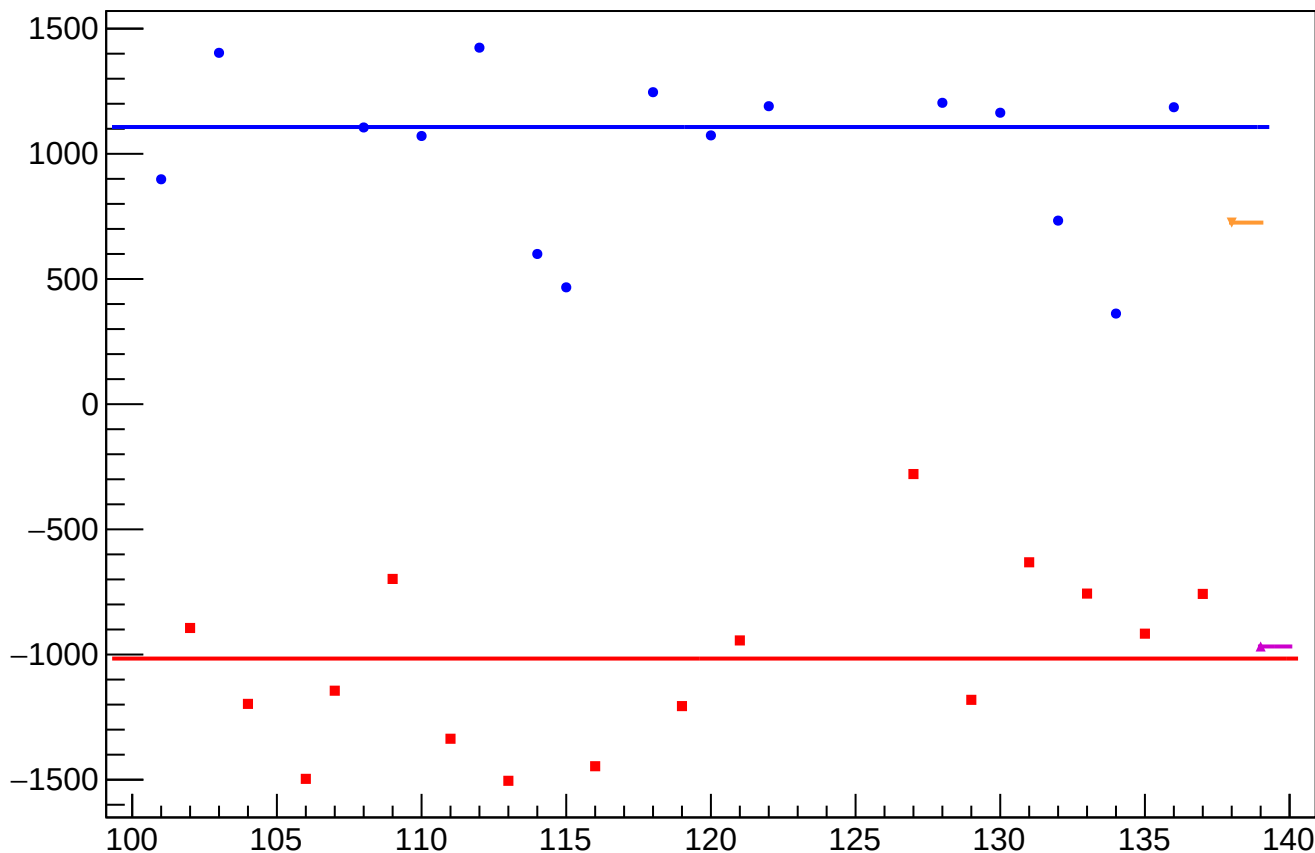
Right In: 3.802+/-0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 2.456+/-0.000 χ^2/NDF : 15.4/0
 Right Out: -4.206+/-0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: -4.062+/-0.000 χ^2/NDF : 0.0/0
 In: 2.929+/-0.000 χ^2/NDF : 8248607455106463996
 Out: -3.508+/-0.000 χ^2/NDF : 51955211007563820
 All: -0.322+/-0.000 χ^2/NDF : 2872481154131

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



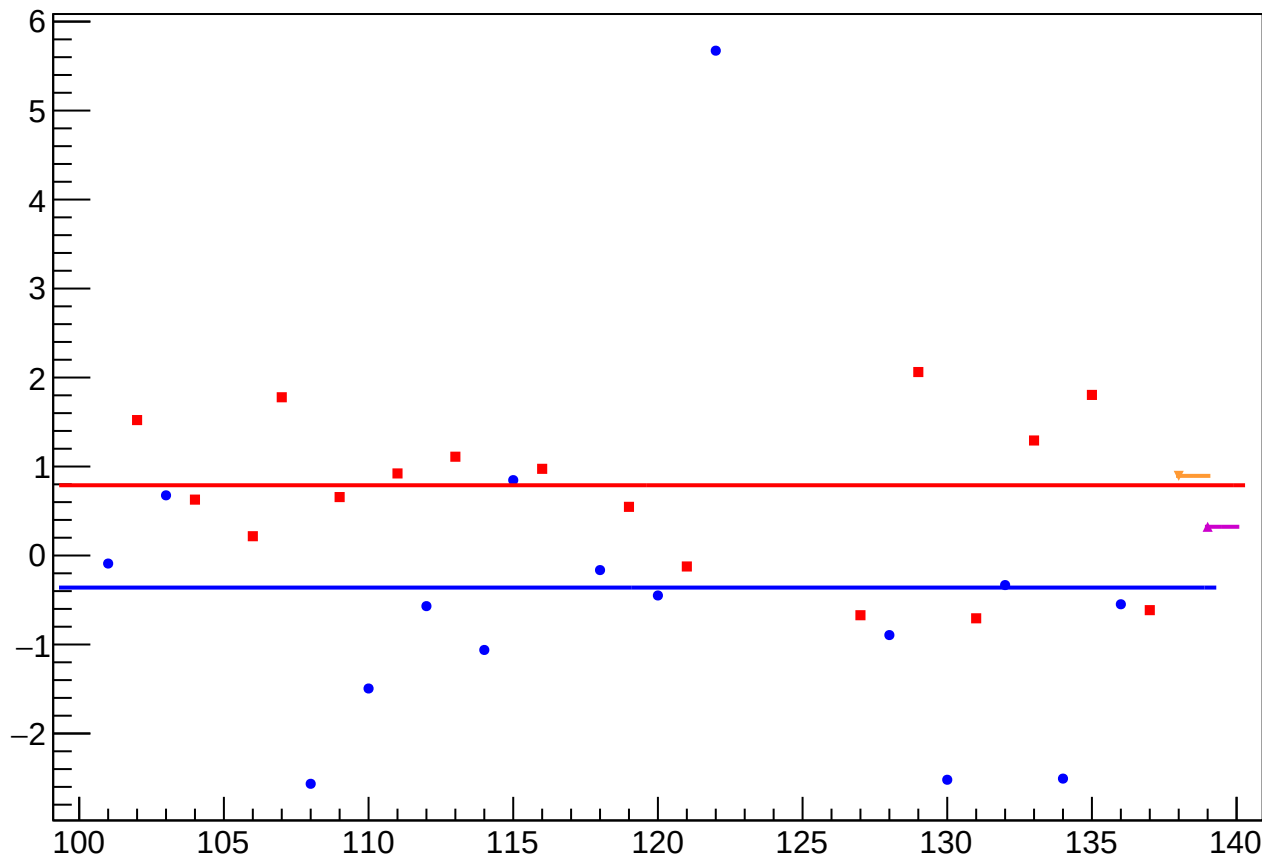
Right In: 4.136 $\pm$ 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 4.235 $\pm$ 0.000 χ^2/NDF : 61.5/0
 Right Out: -3.948 $\pm$ 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: -5.196 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 3.101 $\pm$ 0.000 χ^2/NDF : 9780067464365653273
 Out: -3.092 $\pm$ 0.000 χ^2/NDF : 73469254175459147
 All: -0.027 $\pm$ 0.000 χ^2/NDF : 3126570076893

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



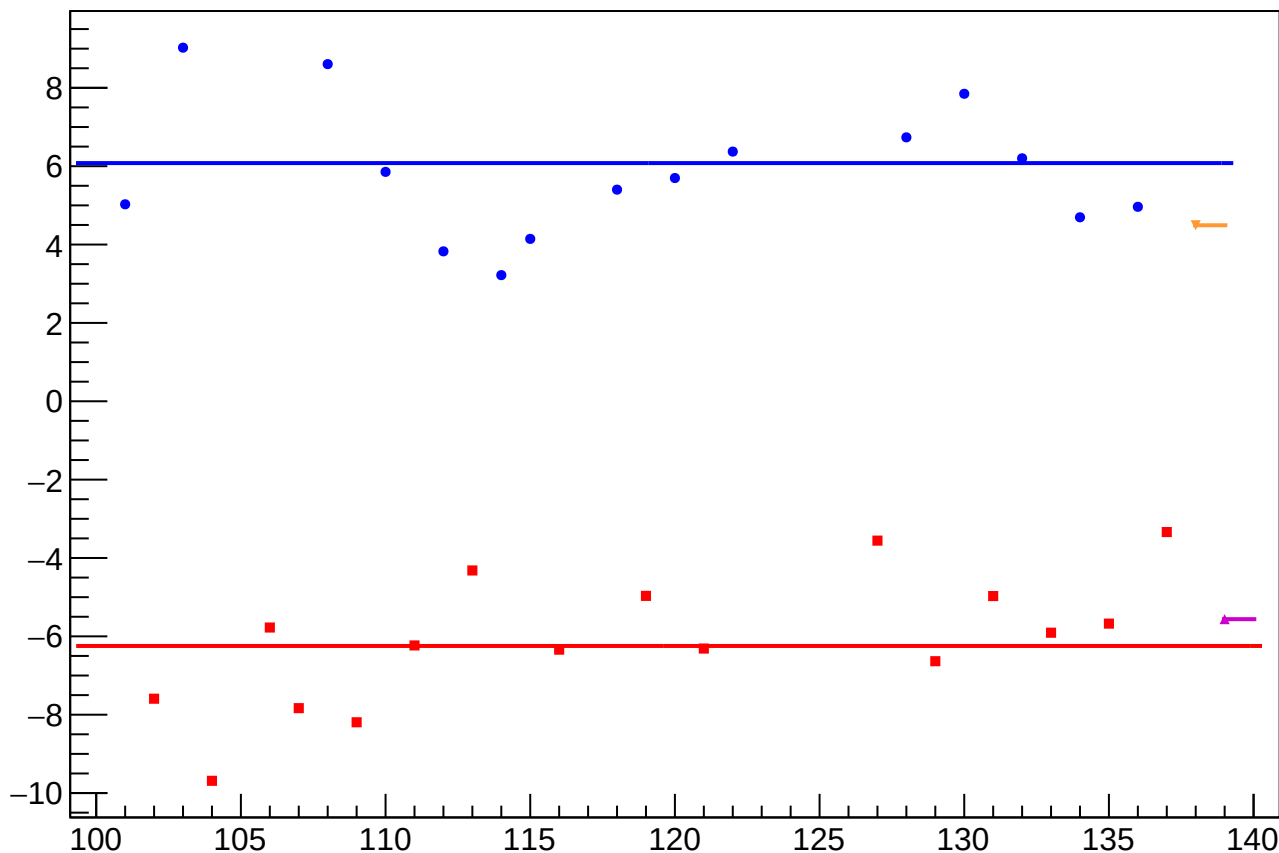
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

dit_11X12X_coil4_mean vs Slug, Sign Corrected



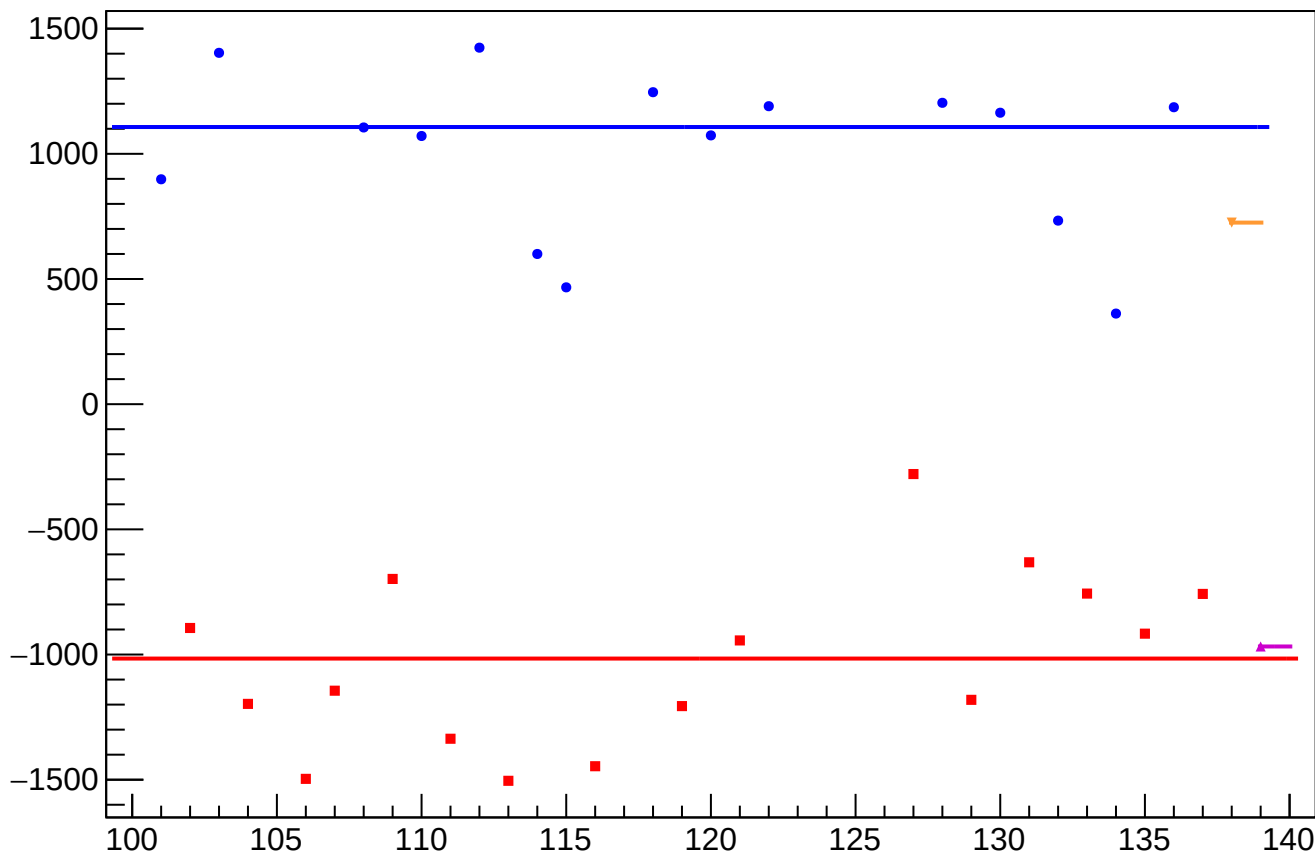
Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: 0.895 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15
 Left In: 0.323 ± 0.000 χ^2/NDF : 0.0/0
 In: -0.284 ± 0.000 χ^2/NDF : 221386549981420005
 Out: 0.801 ± 0.000 χ^2/NDF : 463854784785745451
 All: 0.264 ± 0.000 χ^2/NDF : 31118181783652

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



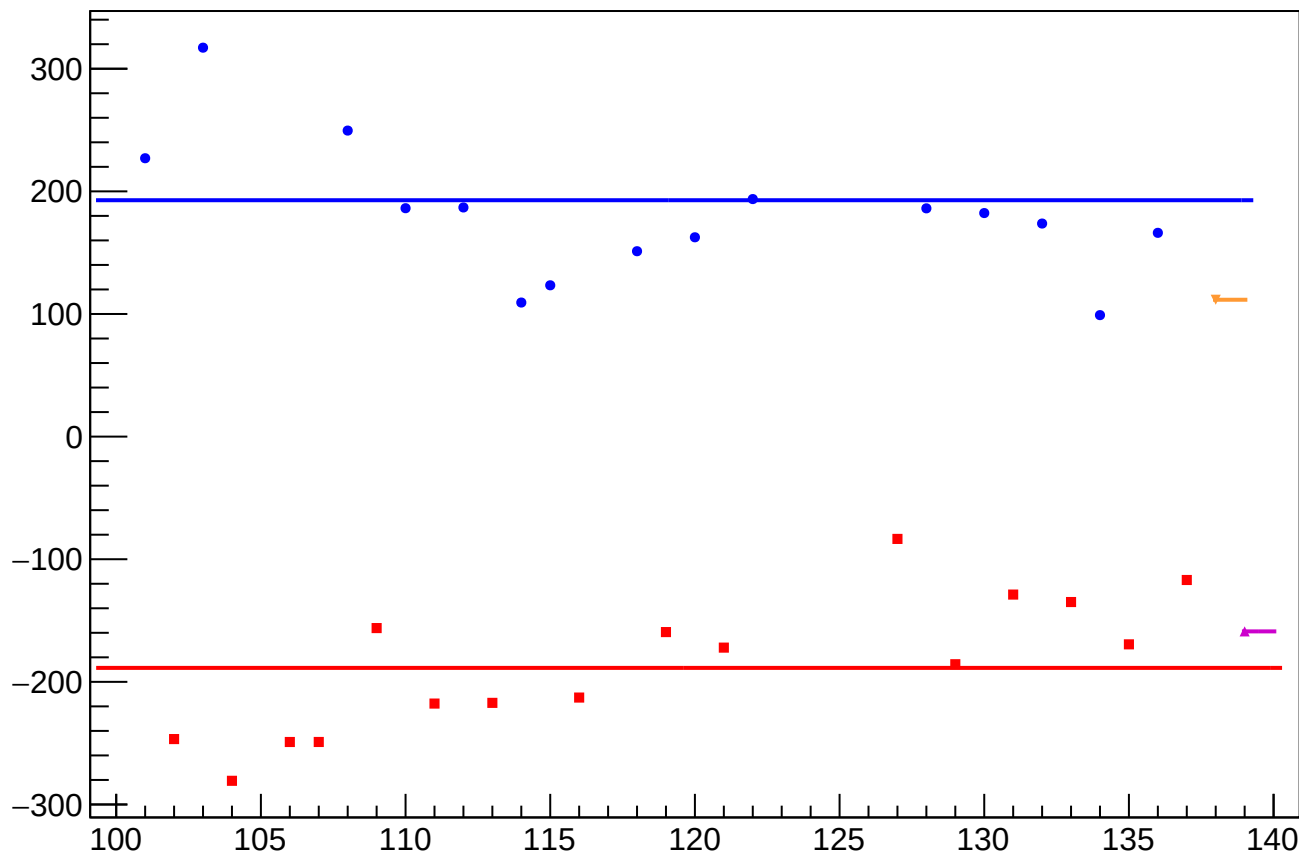
Right In: 6.079 ± 0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14
 Left Out: 4.492 ± 0.000 χ^2/NDF : 61.5/0
 Right Out: -6.245 ± 0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15
 Left In: -5.561 ± 0.000 χ^2/NDF : 0.0/0
 In: 4.788 ± 0.000 χ^2/NDF : 1134805946992693749
 Out: -5.121 ± 0.000 χ^2/NDF : 98681273198964135
 All: -0.217 ± 0.000 χ^2/NDF : 5741914651599

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: -967.815+/-0.000 χ^2/NDF : 0.0/0
 In: 876.827+/-0.000 χ^2/NDF : 35065222959884468
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

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: -158.845+/-0.000

χ^2/NDF : 0.0/0

Left: -26.169+/-0.000

χ^2/NDF : 2906523644823498

Right: -0.529+/-0.000

χ^2/NDF : 5140794879295893

In: 153.756+/-0.000

χ^2/NDF : 10543738533766976

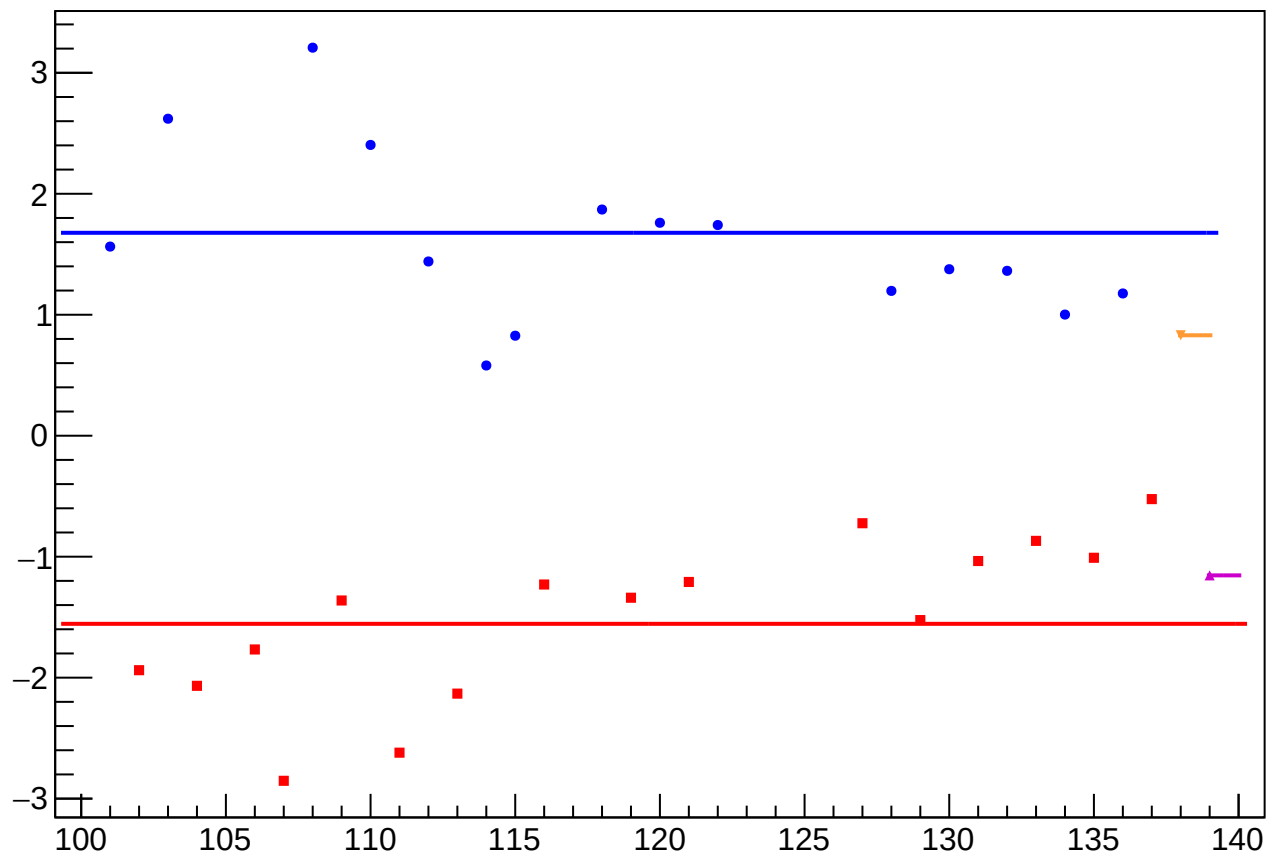
Out: -157.179+/-0.000

χ^2/NDF : 821667347374322

All: -3.293+/-0.000

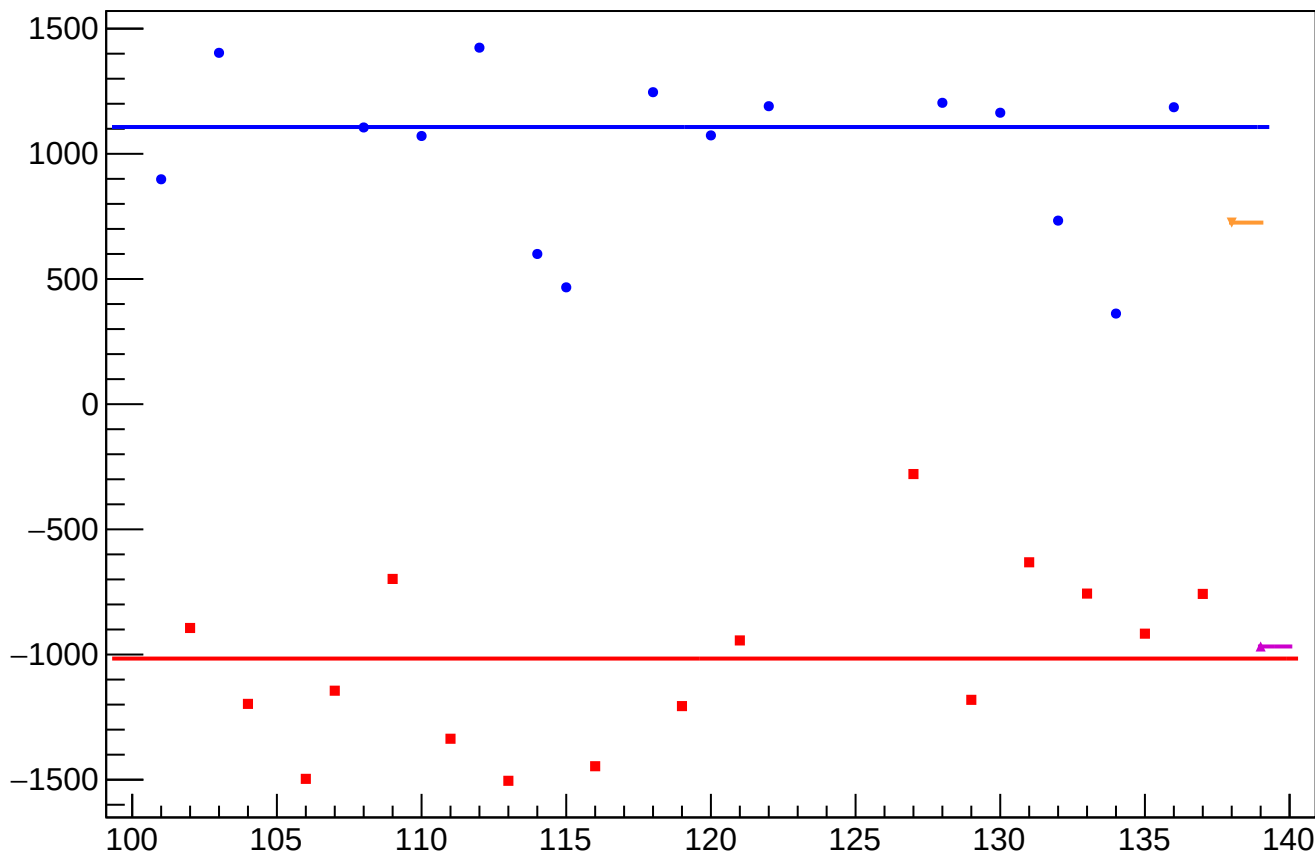
χ^2/NDF : 5440773417749

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



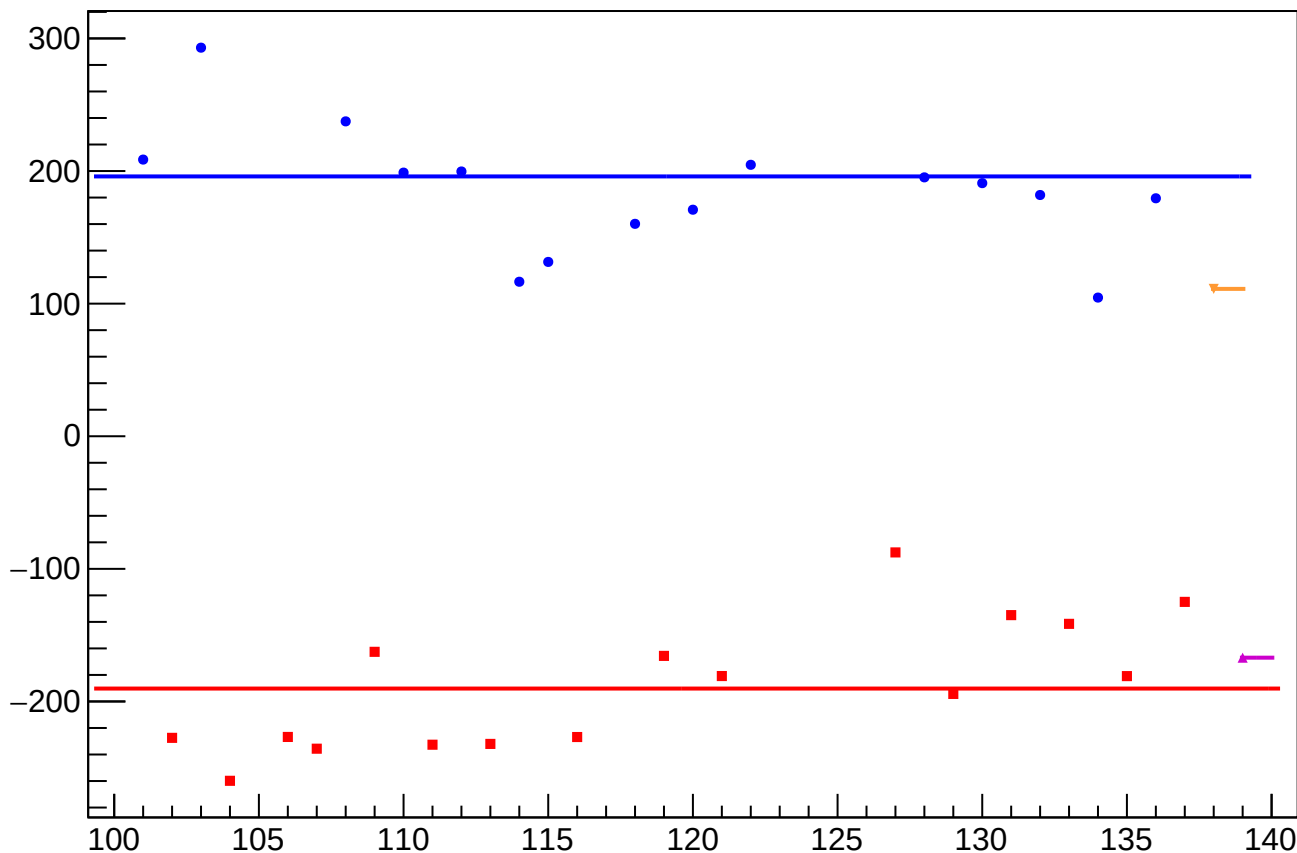
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14
 Left: -0.181 $\pm$ 0.000 χ^2 /NDF: 15652465459763495
 Left Out: 0.830 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.039 $\pm$ 0.000 χ^2 /NDF: 39344676532155979
 Right Out: -1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15
 In: 1.363 $\pm$ 0.000 χ^2 /NDF: 8193892181820210847
 Out: -1.305 $\pm$ 0.000 χ^2 /NDF: 65296268708891436
 Left In: -1.154 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.015 $\pm$ 0.000 χ^2 /NDF: 40978539670280

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 725.282 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -967.815 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 12.822 $\pm$ 0.000 χ^2 /NDF: 1713910259904

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: -166.980+/-0.000

χ^2/NDF : 65431.3/0

Left: -30.548+/-0.000 χ^2/NDF : 3073408968657287

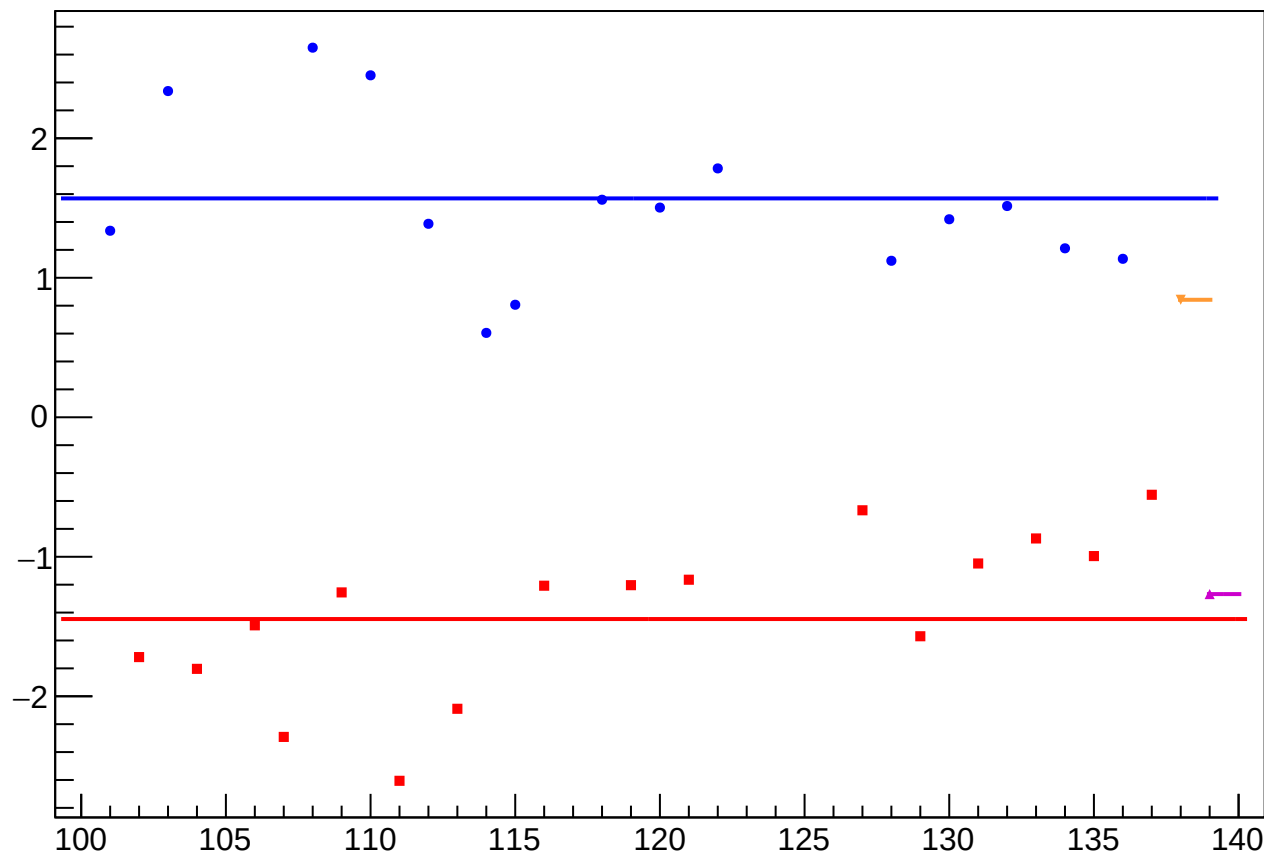
Right: 0.195+/-0.000 χ^2/NDF : 51589726724001798

In: 155.671+/-0.000 χ^2/NDF : 10542733142976196

Out: -158.712+/-0.000 χ^2/NDF : 781224587811312

All: -3.119+/-0.000 χ^2/NDF : 5479721490188

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 1.569+/-0.000

χ^2/NDF : 162849195668123380789610540957696.0/14

Left: -0.232+/-0.000 χ^2/NDF : 17685924329708835

Right: 0.041+/-0.000 χ^2/NDF : 33499303962631440

Left Out: 0.842+/-0.000

χ^2/NDF : 0.0/0

Right Out: -1.446+/-0.000

χ^2/NDF : 196296653917523352443271052787712.0/15

In: 1.254+/-0.000 χ^2/NDF : 7422167228198617878

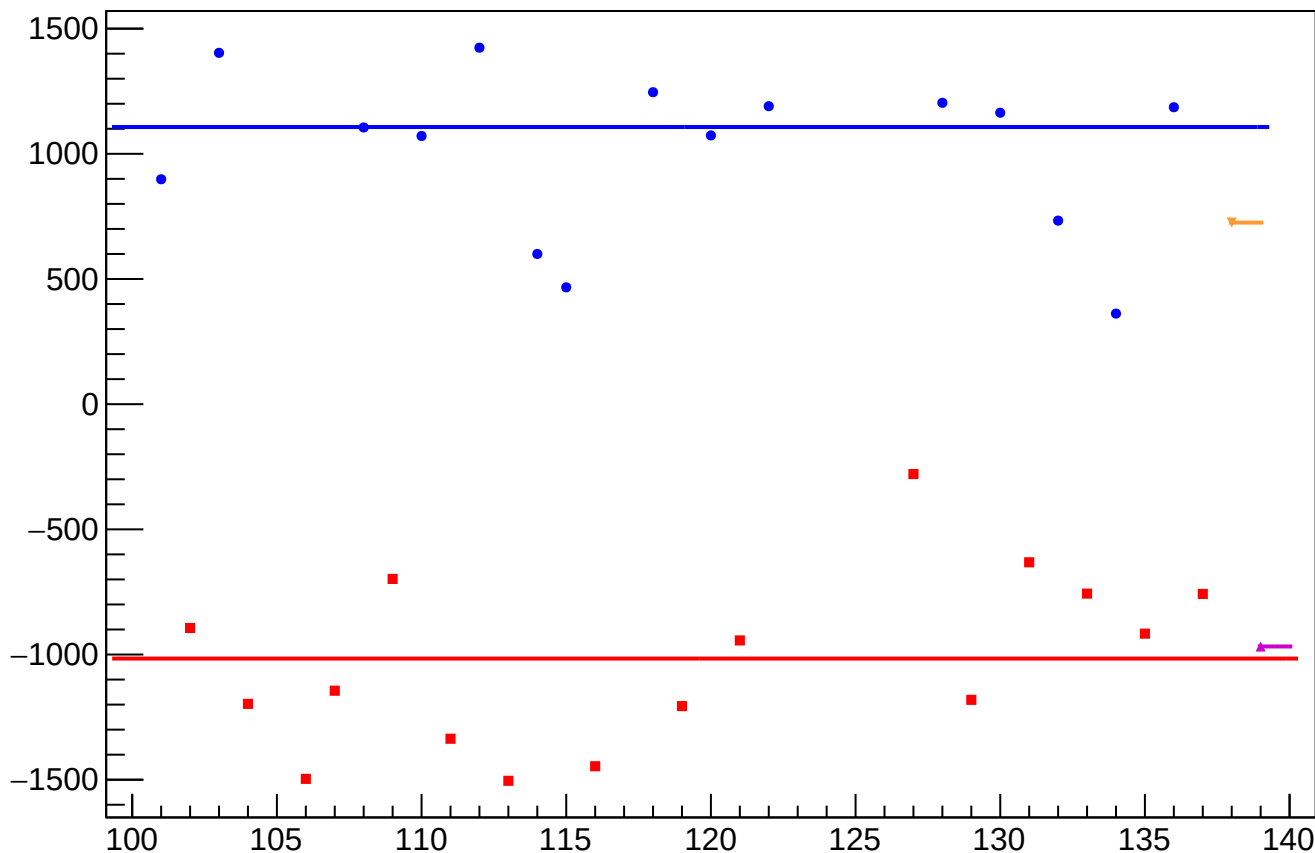
Out: -1.207+/-0.000 χ^2/NDF : 56206375462202088

Left In: -1.267+/-0.000

χ^2/NDF : 0.0/0

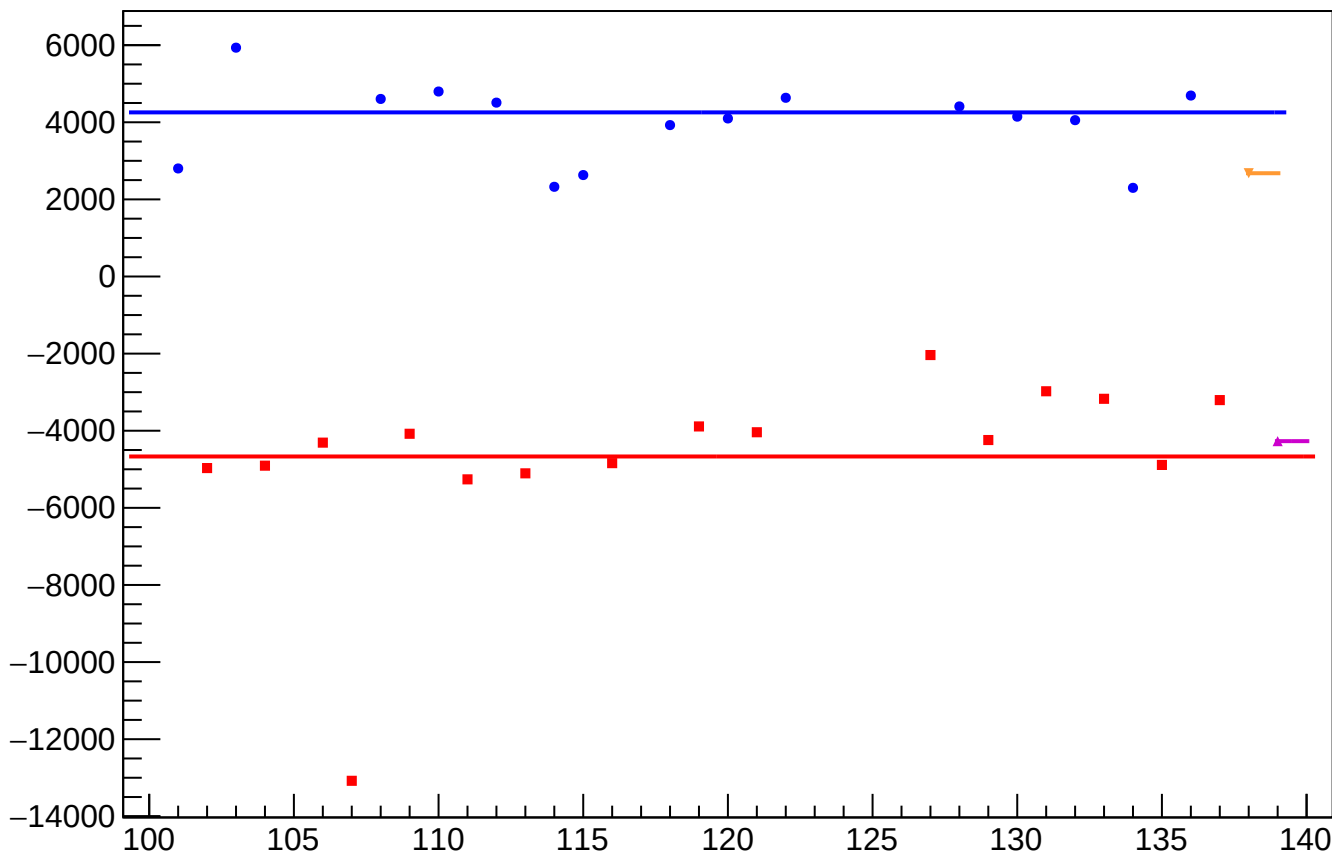
All: 0.011+/-0.000 χ^2/NDF : 35373778909056

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



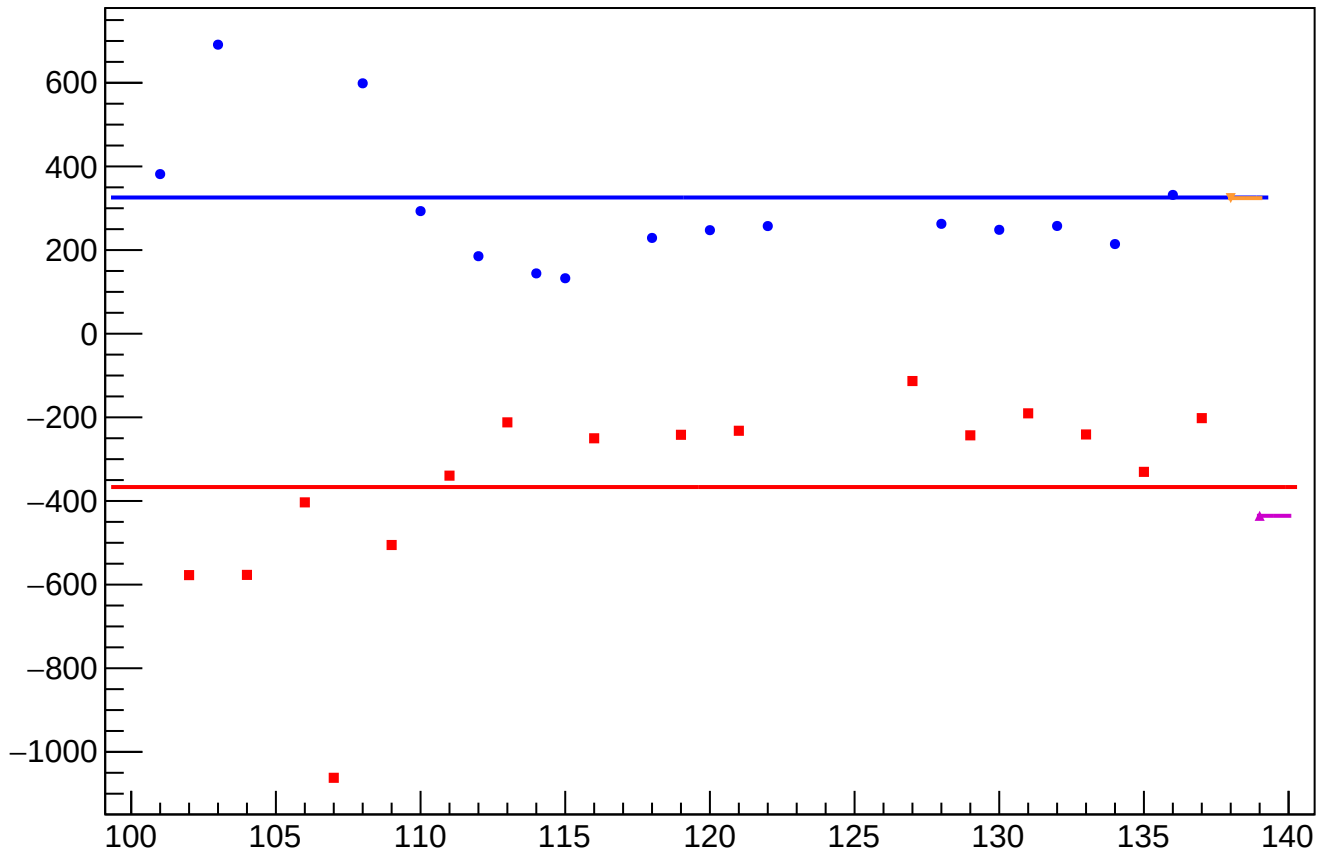
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 In: 876.827+/-0.000 χ^2/NDF : 35065222959884468
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 4256.386 $\pm$ 0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 2678.490 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -4667.832 $\pm$ 0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: -4270.163 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -330.854 $\pm$ 0.000 χ^2/NDF : 31866494984

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000

χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left: -62.793+/-0.000 χ^2/NDF : 2293184483853841

Right: -25.211+/-0.000 χ^2/NDF : 204436046213041

Left Out: 324.211+/-0.000

χ^2/NDF : 0.0/0

Right Out: -366.682+/-0.000

χ^2/NDF : 32097250699947956409117440115398934528.0/15

In: 241.270+/-0.000 χ^2/NDF : 56358749001611517

Out: -294.347+/-0.000 χ^2/NDF : 654311713648064

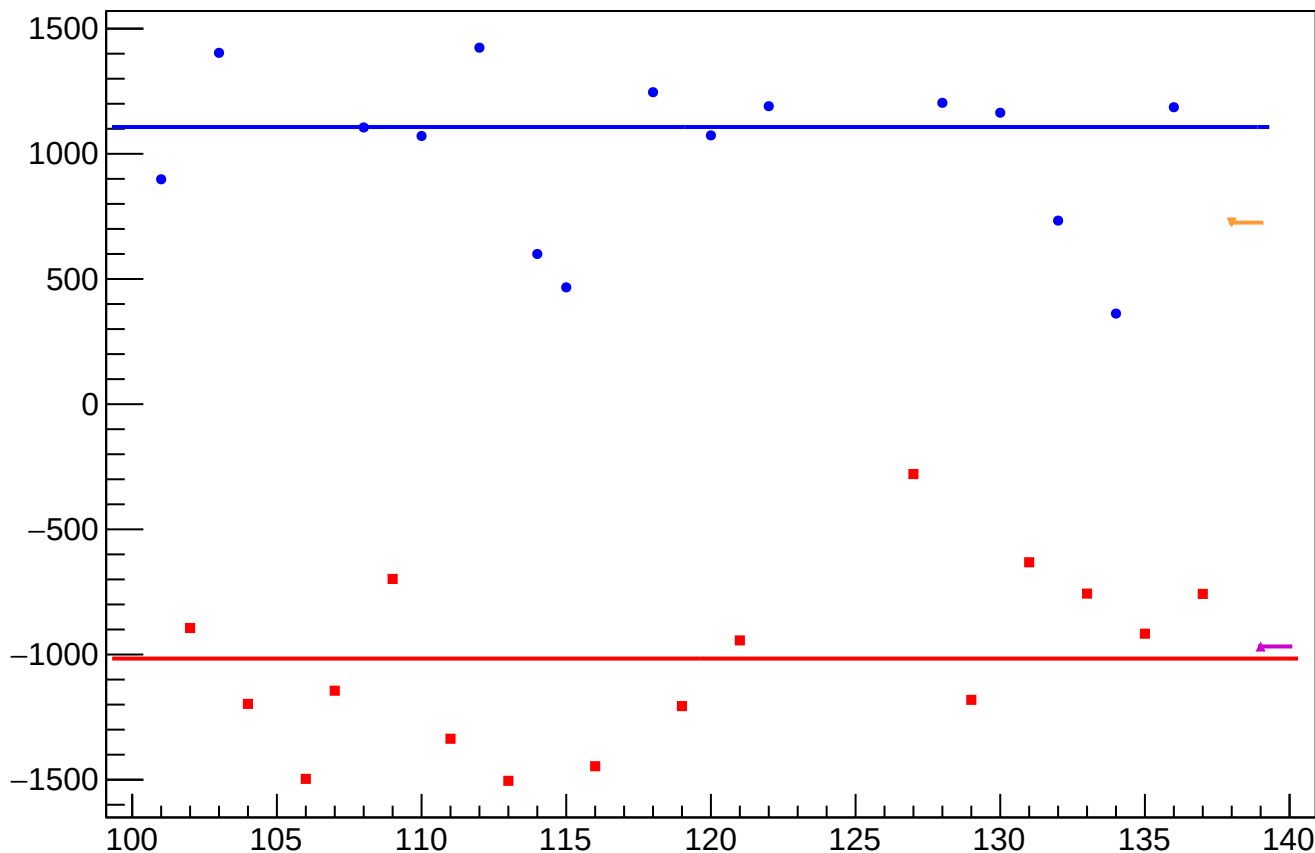
Left In: -435.465+/-0.000

χ^2/NDF : 0.0/0

All: -29.262+/-0.000

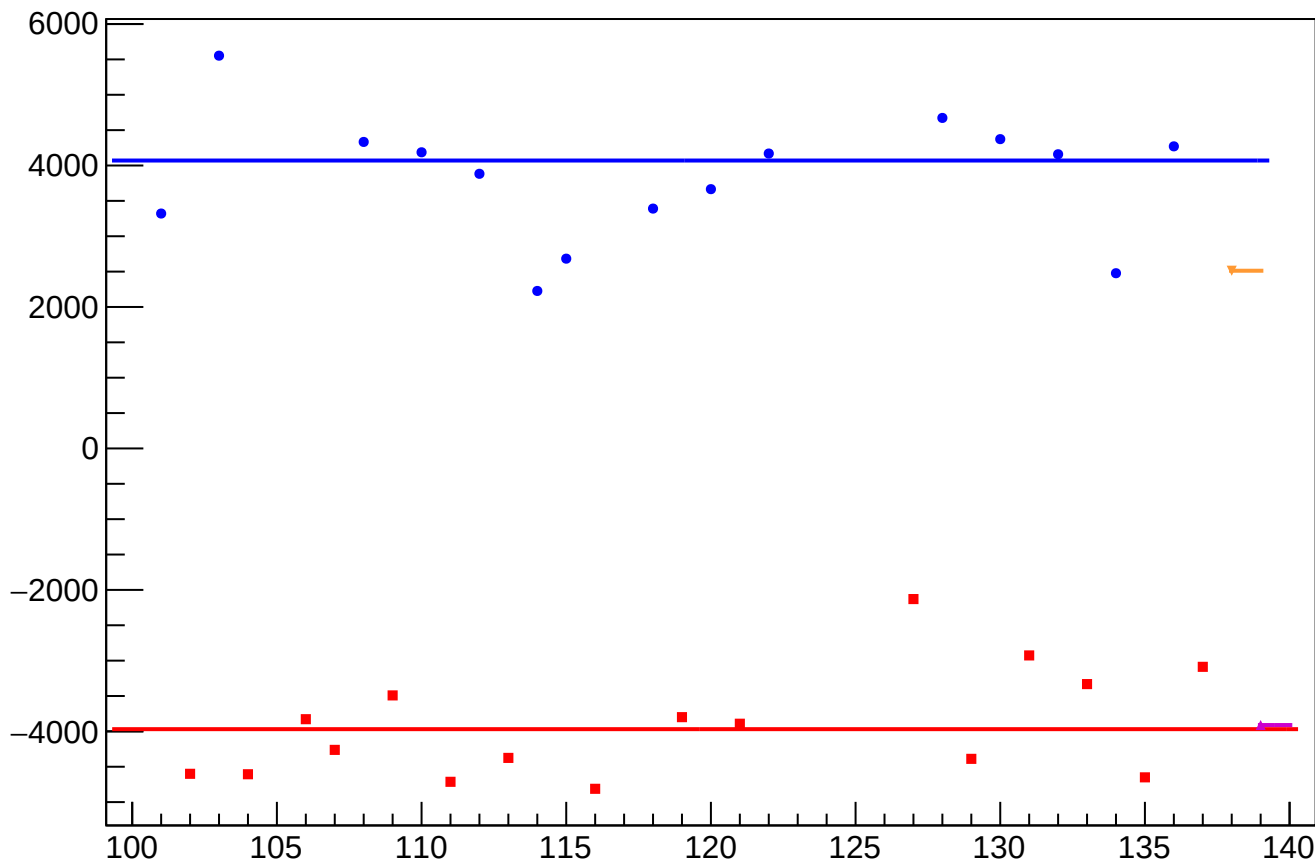
χ^2/NDF : 227568264915

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



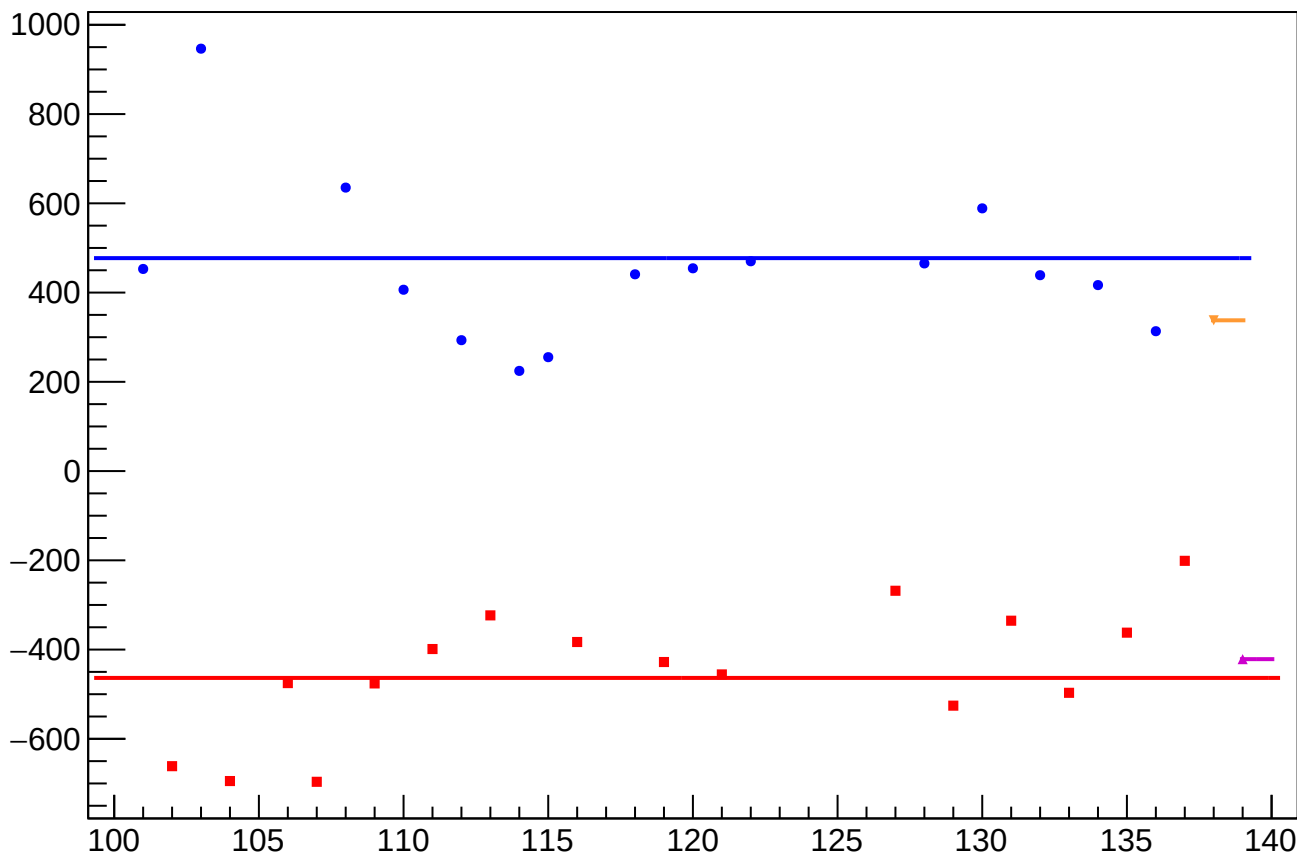
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 In: 876.827+/-0.000 χ^2/NDF : 35065222959884468
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 4070.444 ± 0.000 $\chi^2/\text{NDF}: 343281875282695739956383156295247593472.0/14$
 Left: -759.590 ± 0.000 $\chi^2/\text{NDF}: 163918992596621$
 Left Out: 2512.394 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Right: -4.119 ± 0.000 $\chi^2/\text{NDF}: 2196193539942721$
 Right Out: -3968.723 ± 0.000 $\chi^2/\text{NDF}: 359955880326194784467353369492594884608.0/15$
 In: 3184.899 ± 0.000 $\chi^2/\text{NDF}: 4930014572856175$
 Left In: -3910.391 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Out: -3290.163 ± 0.000 $\chi^2/\text{NDF}: 32933059661792$
 All: -85.556 ± 0.000 $\chi^2/\text{NDF}: 236820903533$

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: -421.440+/-0.000

χ^2/NDF : 0.0/0

Left: -48.956+/-0.000 χ^2/NDF : 2290889059018325

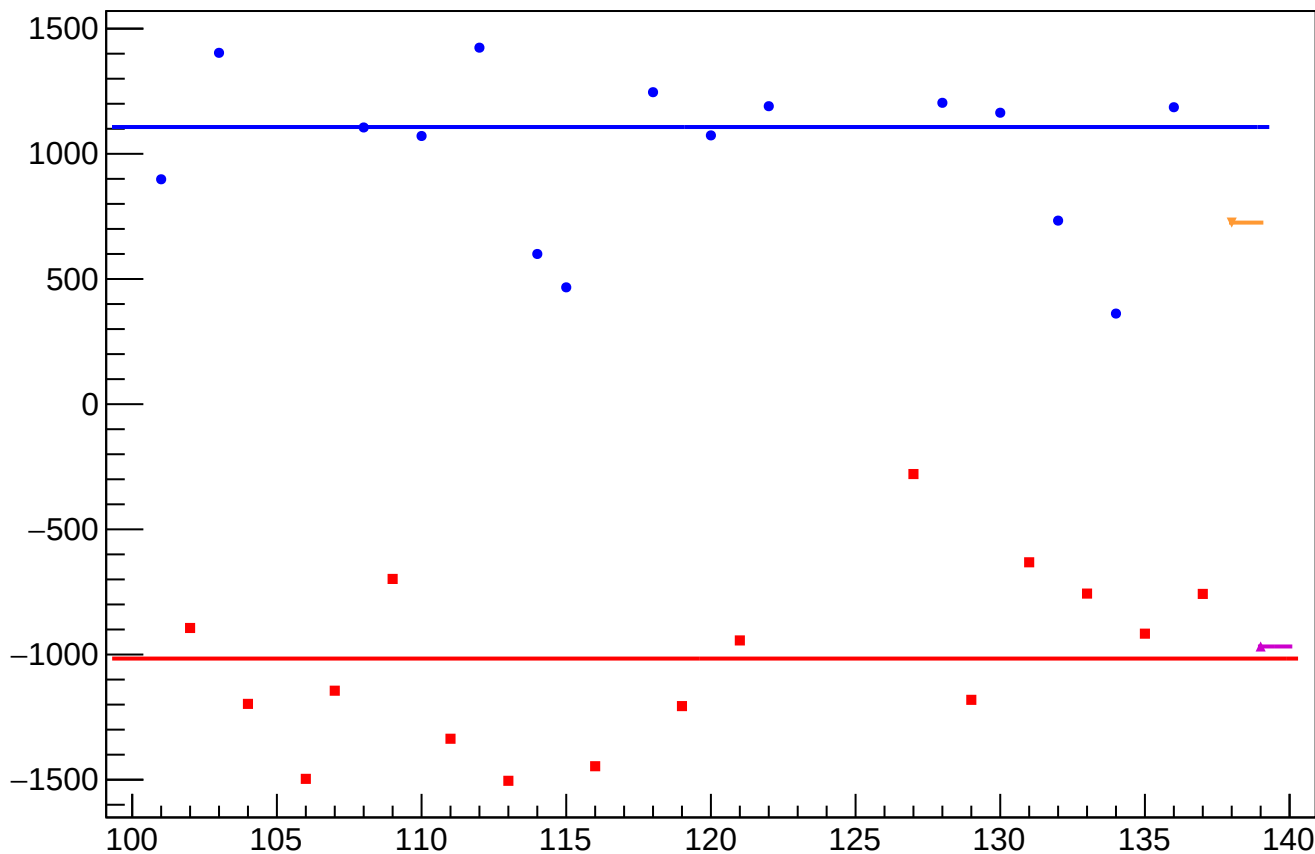
Right: 0.404+/-0.000 χ^2/NDF : 32409492726519645

In: 377.476+/-0.000 χ^2/NDF : 7860785035776766

Out: -379.611+/-0.000 χ^2/NDF : 574031876962696

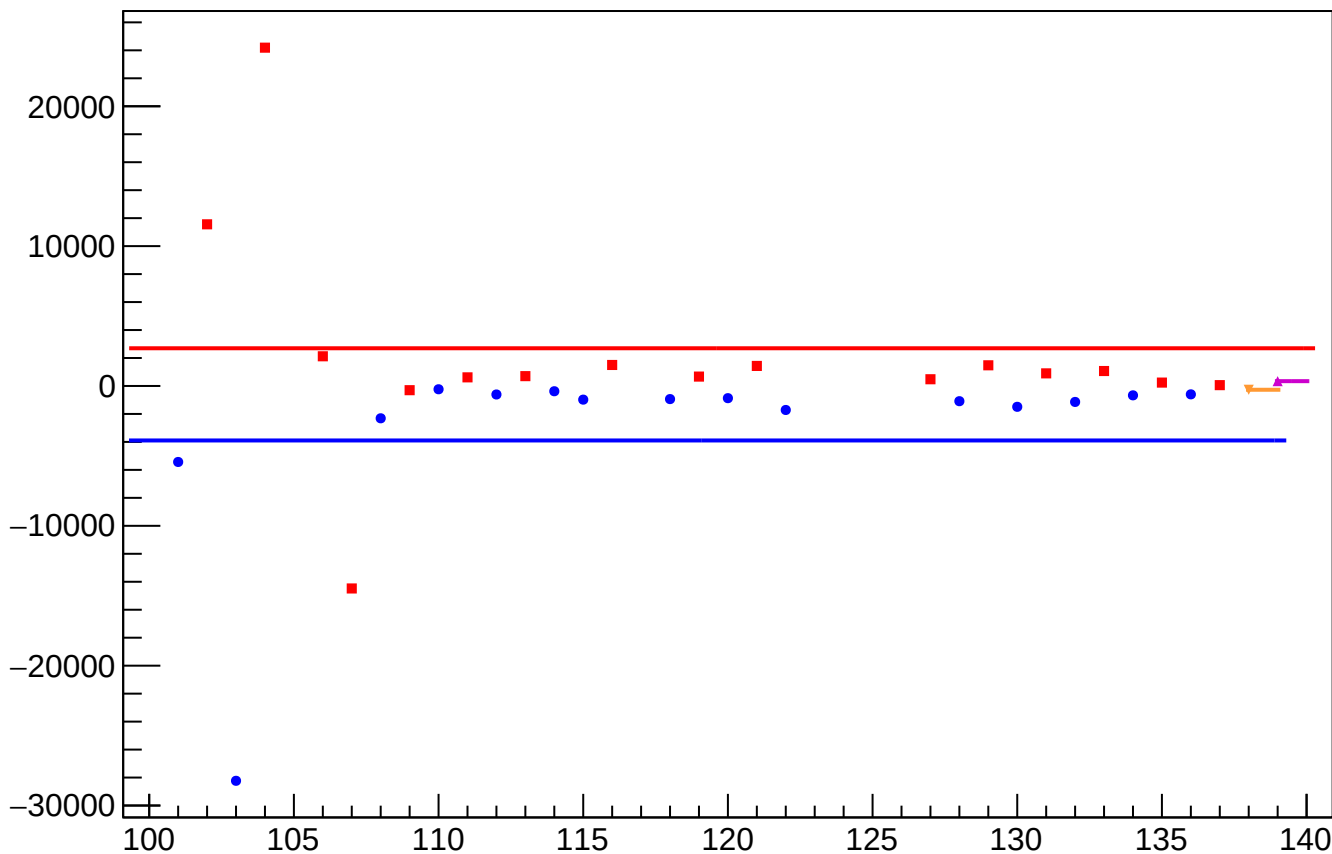
All: -4.917+/-0.000 χ^2/NDF : 3473494400927

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



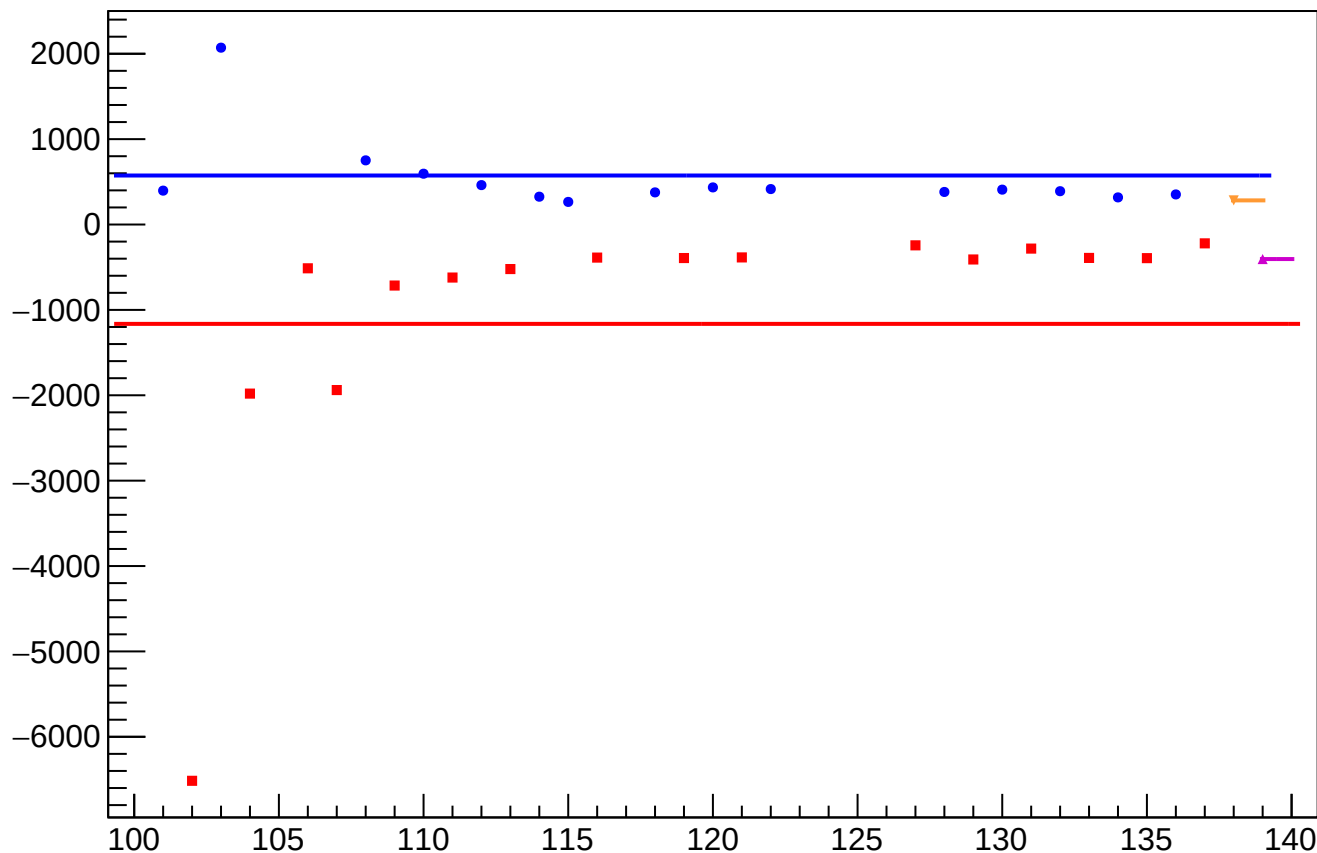
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left In: -137.239 +/- 0.000 χ^2/NDF : 113905870901144
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left Out: 725.282 +/- 0.000 χ^2/NDF : 0.0/0
 All: 12.822 +/- 0.000 χ^2/NDF : 1713910259904

dit_atl1_coil4_mean vs Slug, Sign Corrected



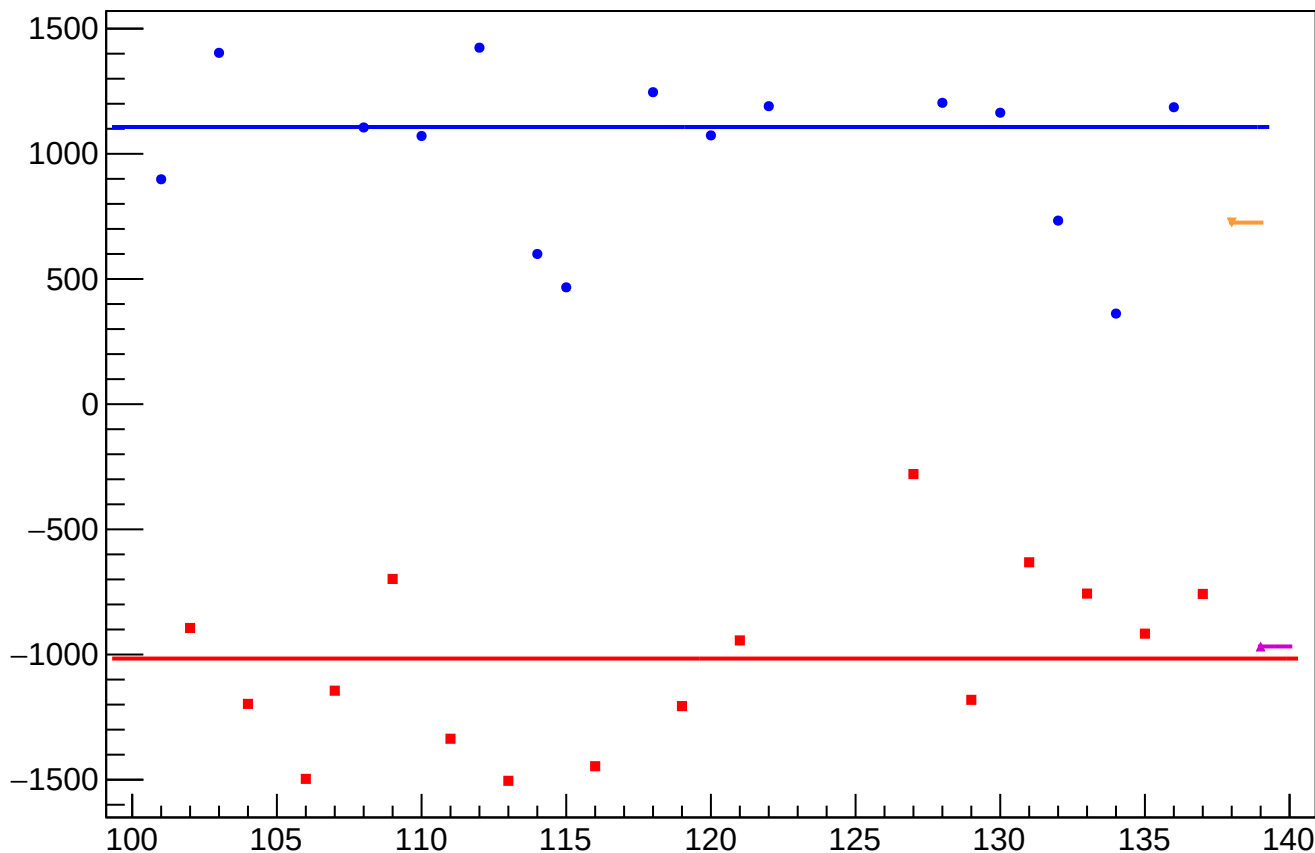
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -271.101+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: 344.091+/-0.000 χ^2/NDF : 0.0/0
 In: -3425.988+/-0.000 χ^2/NDF : 409135818759541
 Out: 2385.343+/-0.000 χ^2/NDF : 414372524998142
 All: -490.773+/-0.000 χ^2/NDF : 94802815156

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



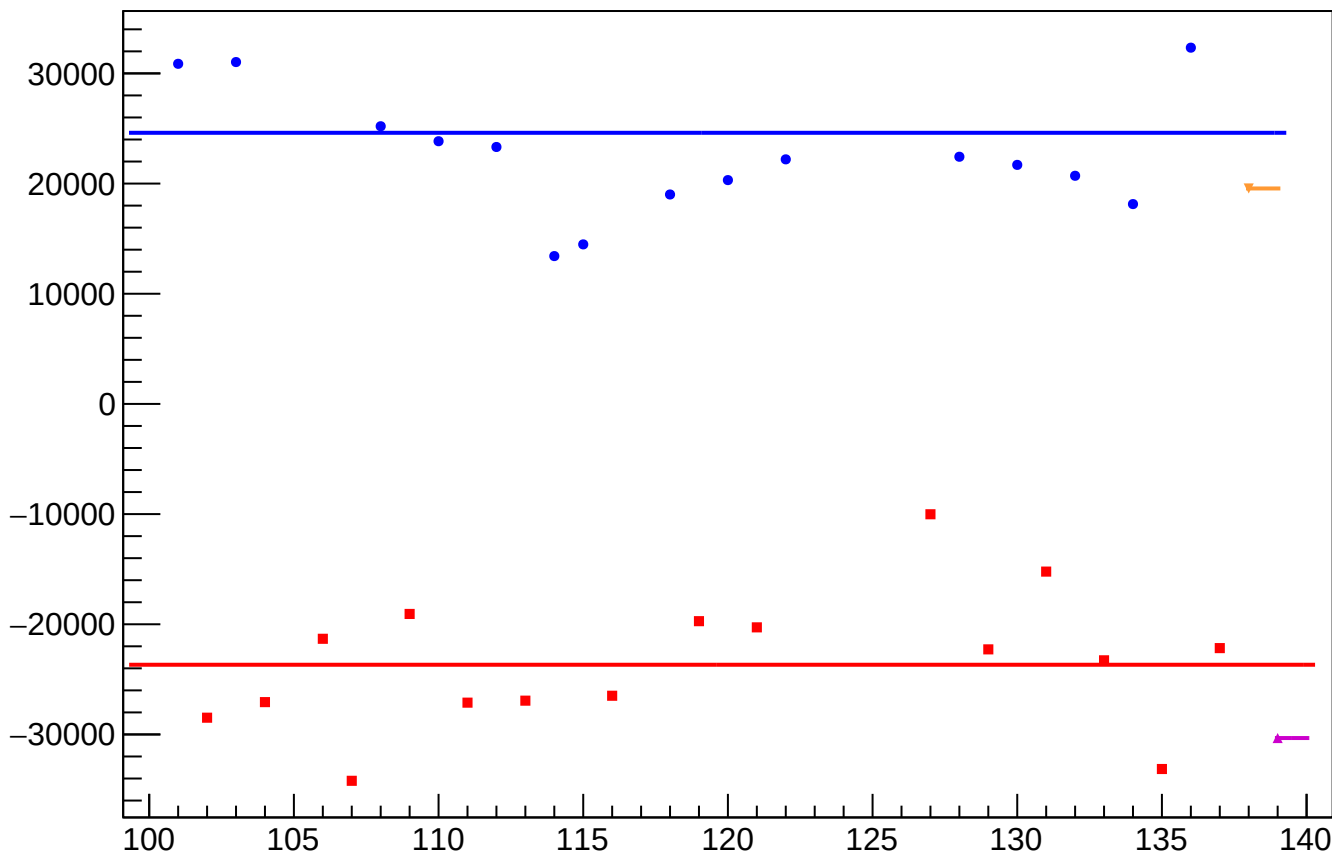
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 282.726+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: -404.411+/-0.000 χ^2/NDF : 0.0/0
 All: -280.901+/-0.000 χ^2/NDF : 31755127402

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: -137.239+/-0.000 χ^2/NDF : 113905870901144
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 In: 876.827+/-0.000 χ^2/NDF : 3506522295988446
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

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: -30325.777+/-0.000

χ^2/NDF : 0.0/0

Left: -5855.513+/-0.000 χ^2/NDF : 98870070464345

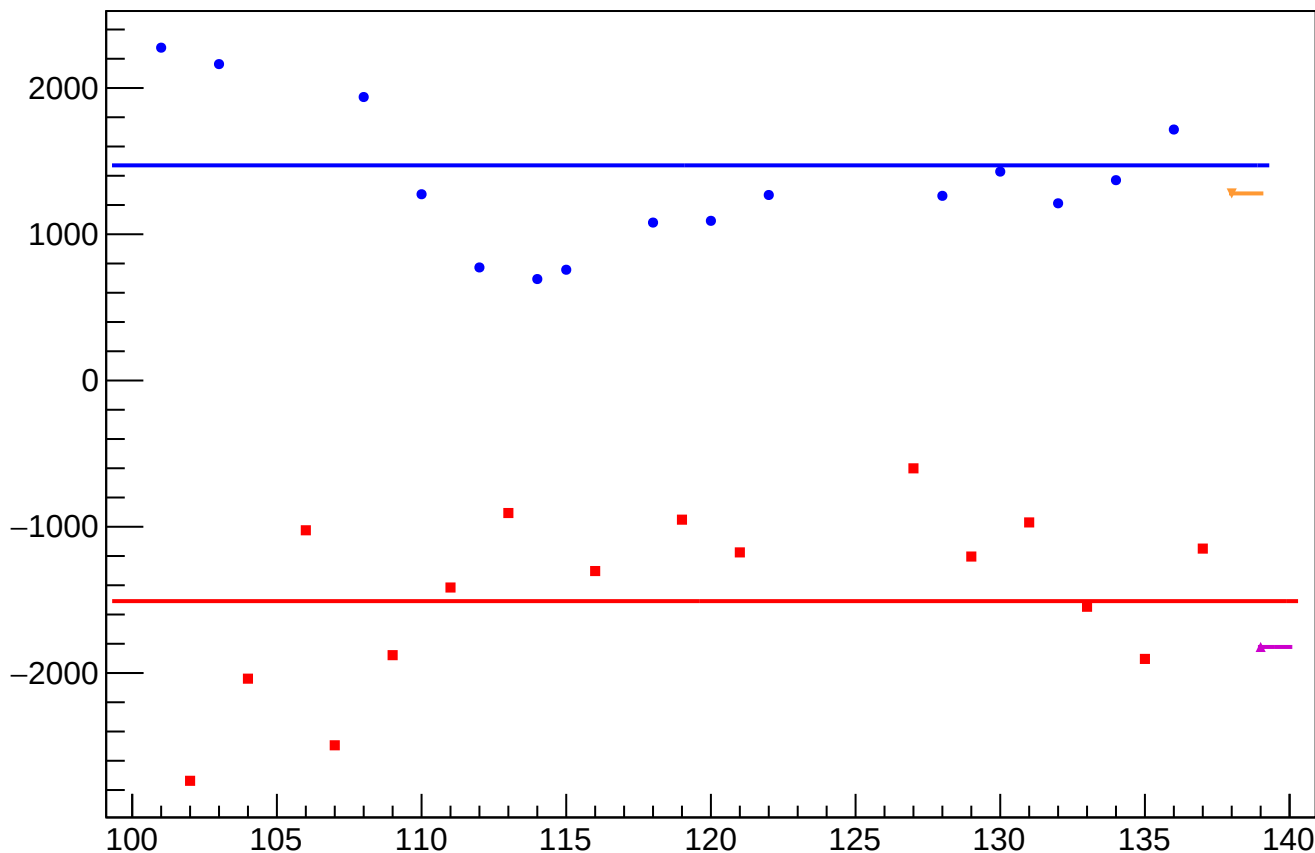
Right: 137.211+/-0.000 χ^2/NDF : 809207355903527

In: 18513.285+/-0.000 χ^2/NDF : 234874654562496

Out: -19147.858+/-0.000 χ^2/NDF : 1553305807301

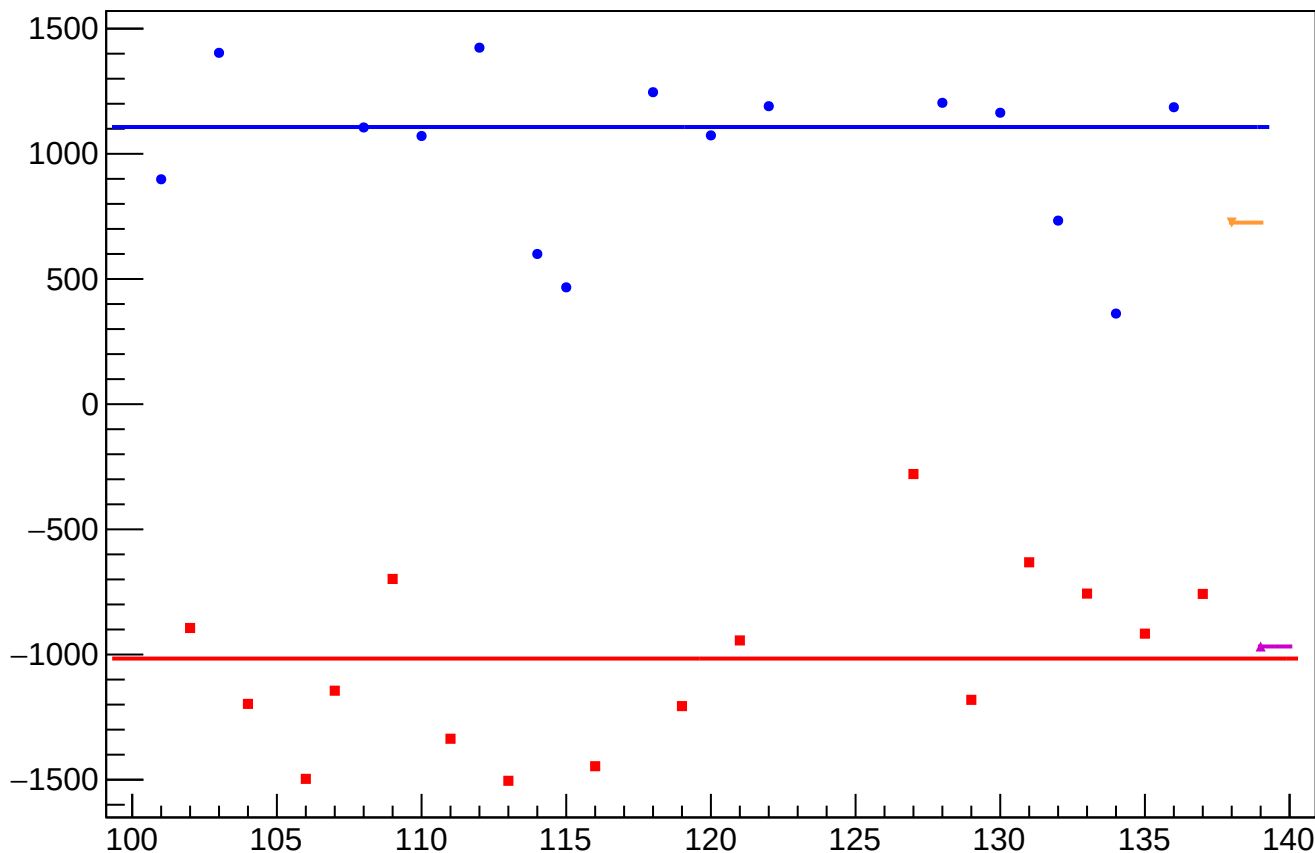
All: -508.784+/-0.000 χ^2/NDF : 91317202070

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



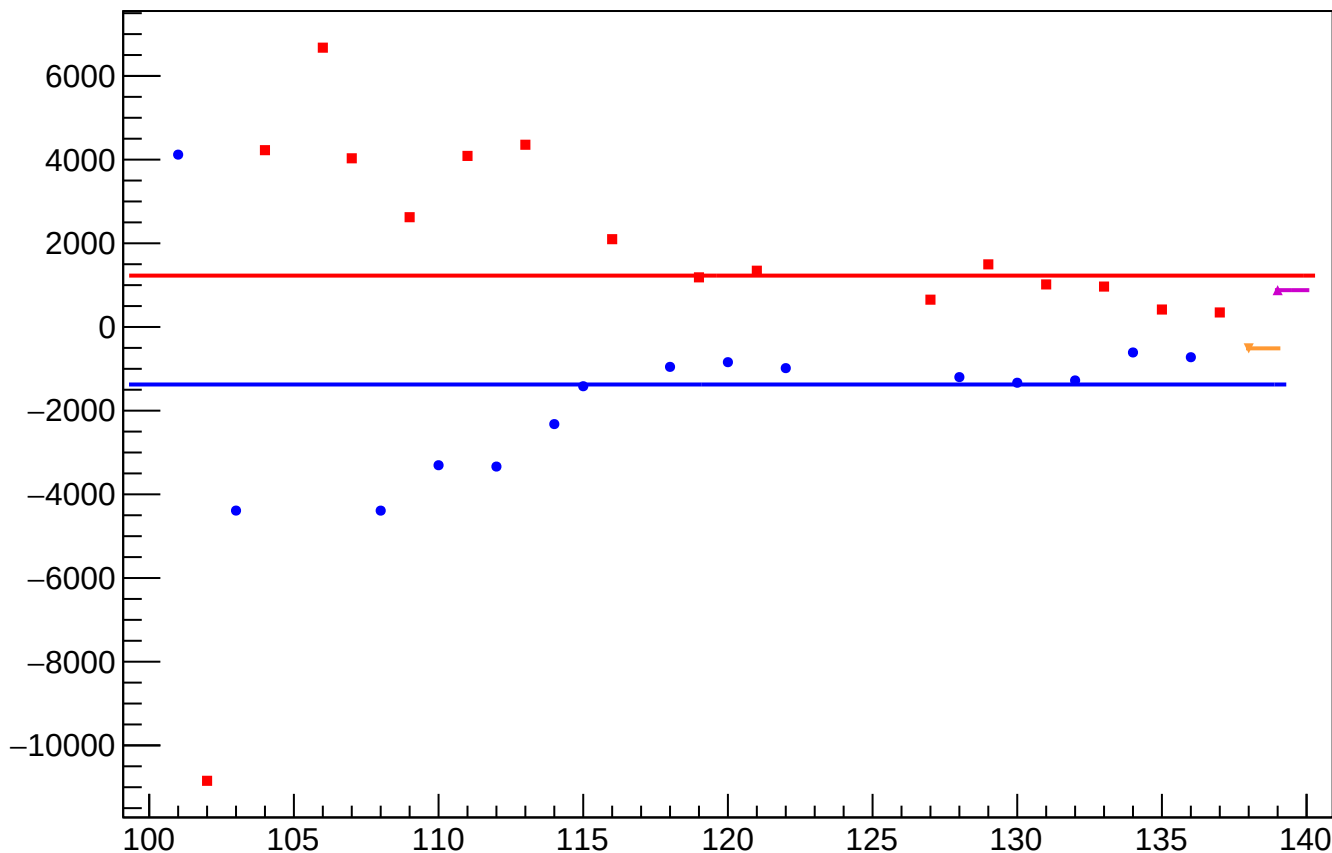
Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left: -300.608+/-0.000 χ^2/NDF : 382103775501922
 Left Out: 1279.138+/-0.000 χ^2/NDF : 0.0/0
 Right: -39.055+/-0.000 χ^2/NDF : 330947344548199
 In: 1105.714+/-0.000 χ^2/NDF : 9200370271324229
 Right Out: -1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Out: -1216.596+/-0.000 χ^2/NDF : 79273746554363
 Left In: -1821.845+/-0.000 χ^2/NDF : 0.0/0
 All: -67.249+/-0.000 χ^2/NDF : 370128187501

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



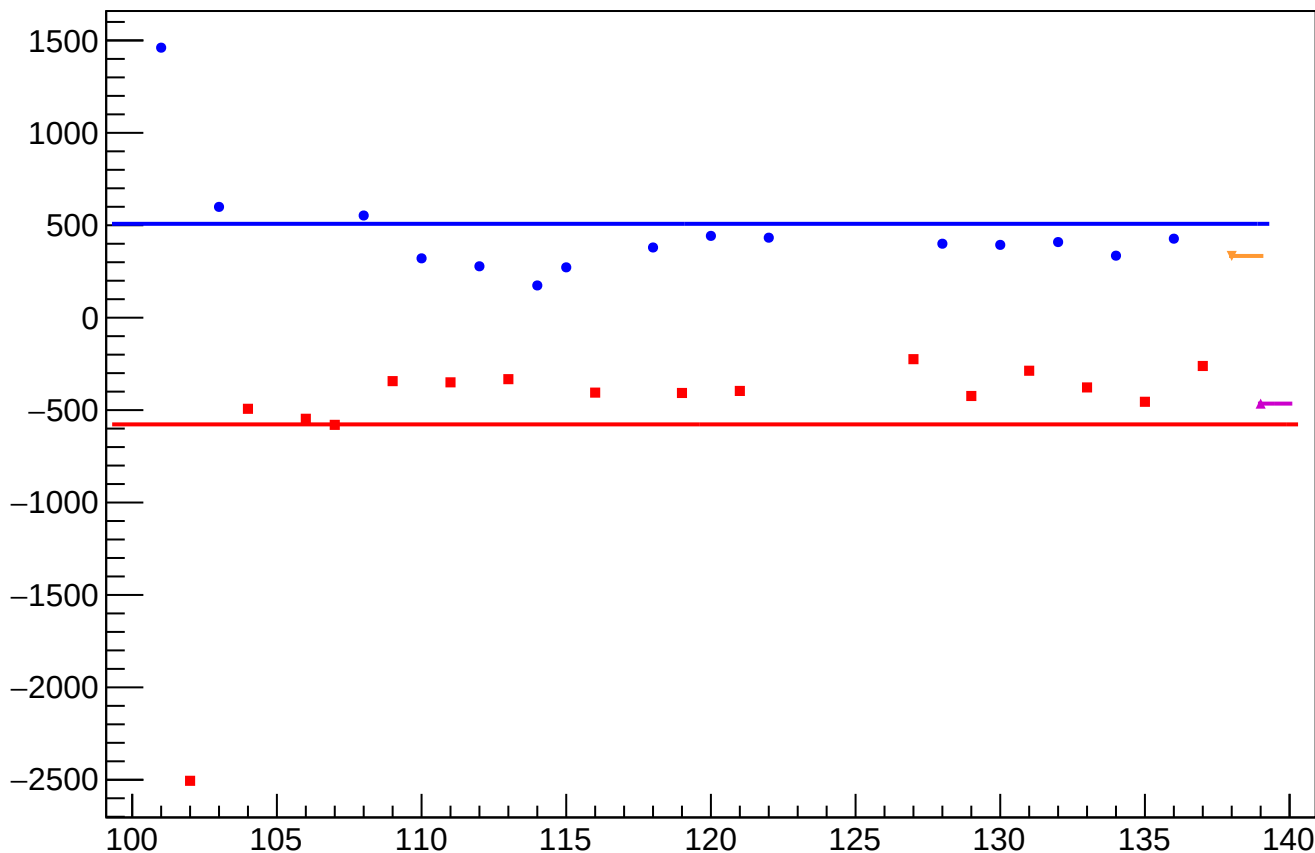
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 In: 876.827+/-0.000 χ^2/NDF : 35065222959884468
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14
 Left Out: -510.968+/-0.000 χ^2/NDF : 252031.6/0
 Right Out: 1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15
 Left In: 880.117+/-0.000 χ^2/NDF : 0.0/0
 In: -1124.339+/-0.000 χ^2/NDF : 343883906514038
 Out: 1045.825+/-0.000 χ^2/NDF : 113264609060394
 All: -28.222+/-0.000 χ^2/NDF : 165017903969

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: -464.874+/-0.000

χ^2/NDF : 0.0/0

In: 399.881+/-0.000

χ^2/NDF : 13227168983322662

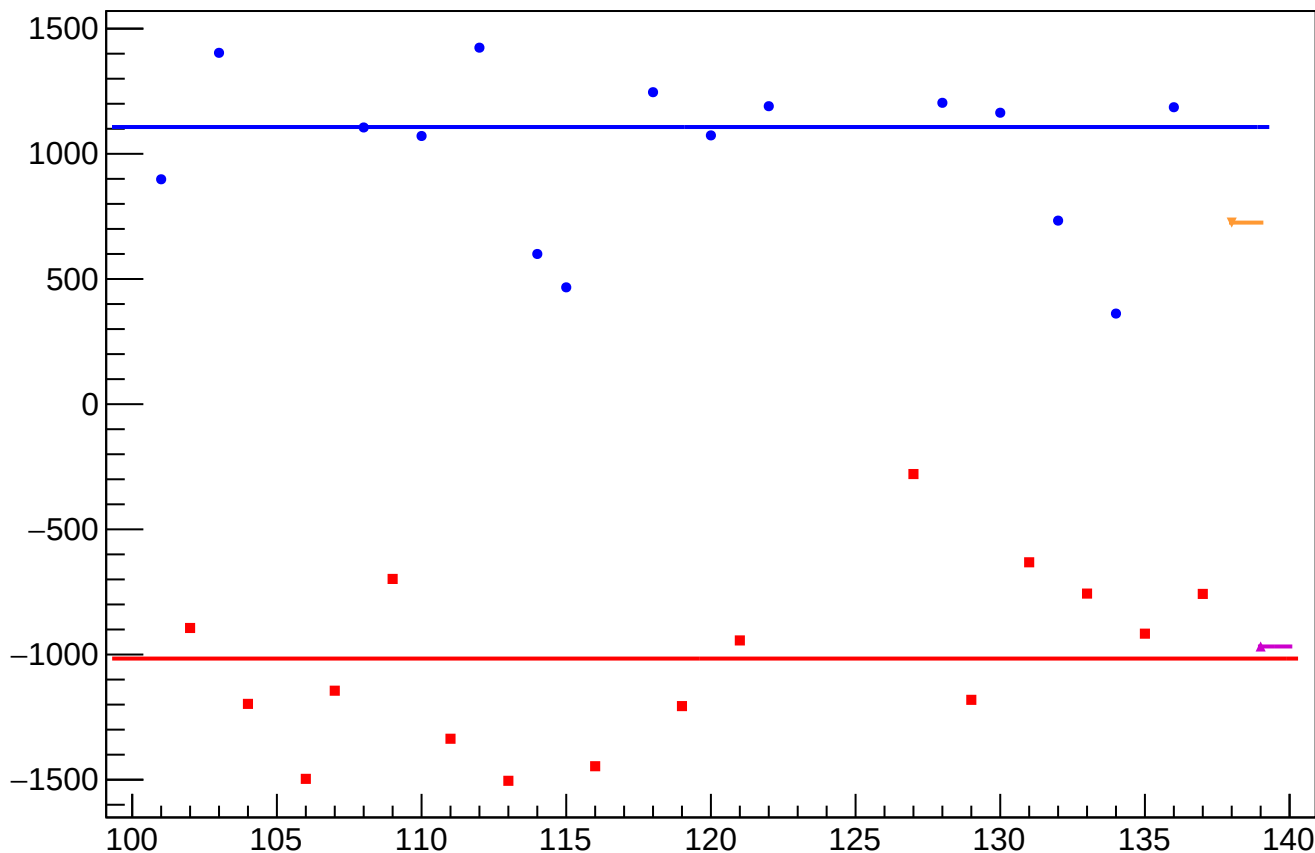
Out: -481.846+/-0.000

χ^2/NDF : 299274534030146

All: -45.466+/-0.000

χ^2/NDF : 718198898794

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: -967.815+/-0.000

χ^2/NDF : 0.0/0

In: 876.827+/-0.000

χ^2/NDF : 35065222959884468

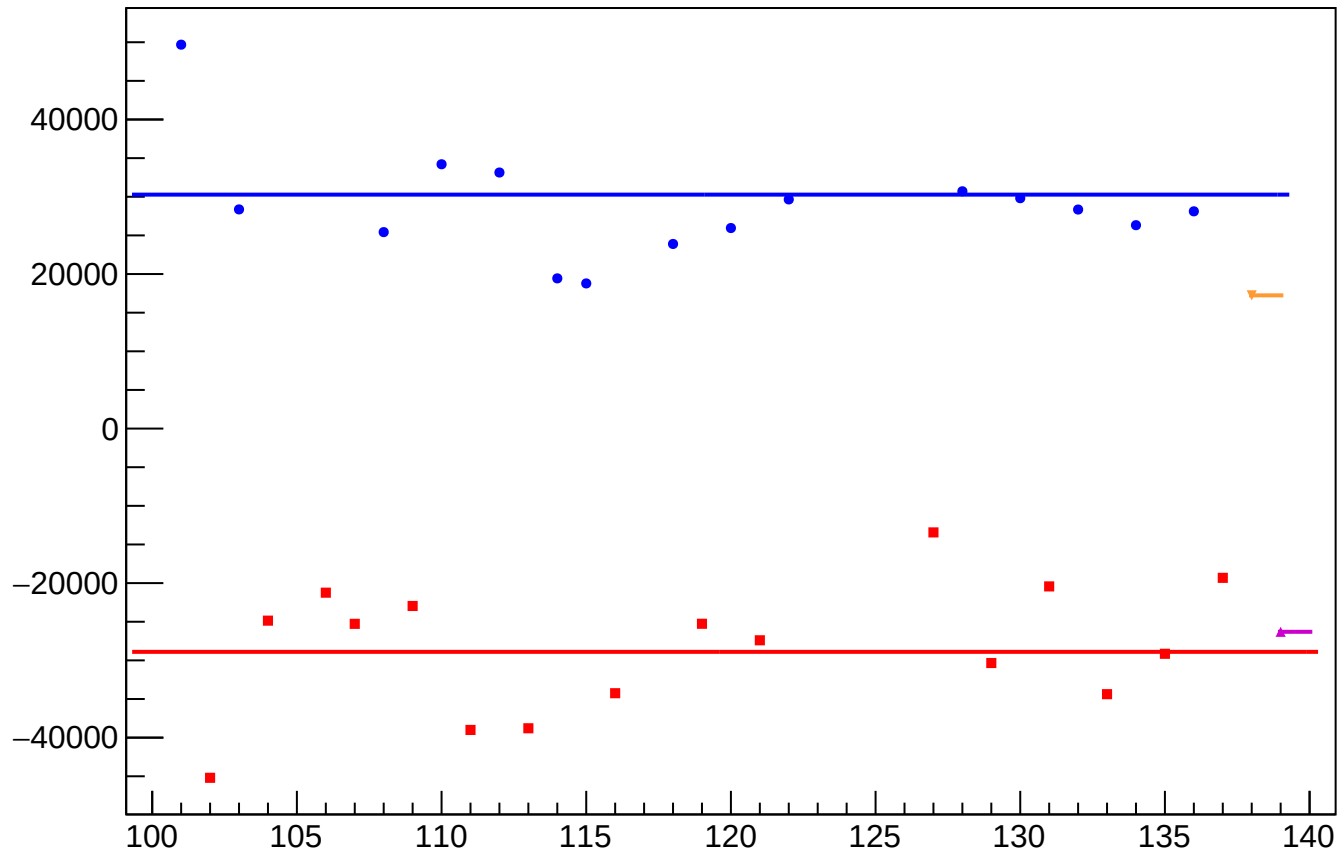
Out: -833.787+/-0.000

χ^2/NDF : 284333310162130

All: 12.822+/-0.000

χ^2/NDF : 1713910259904

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 30277.649+/-0.000

χ^2/NDF : 30975974641524142453090022540760519278592.0/14

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: -26302.813+/-0.000

χ^2/NDF : 0.0/0

Left: -4941.720+/-0.000

χ^2/NDF : 75341536365327

Right: 285.980+/-0.000

χ^2/NDF : 122974265906167

In: 23999.543+/-0.000

χ^2/NDF : 261512547660162

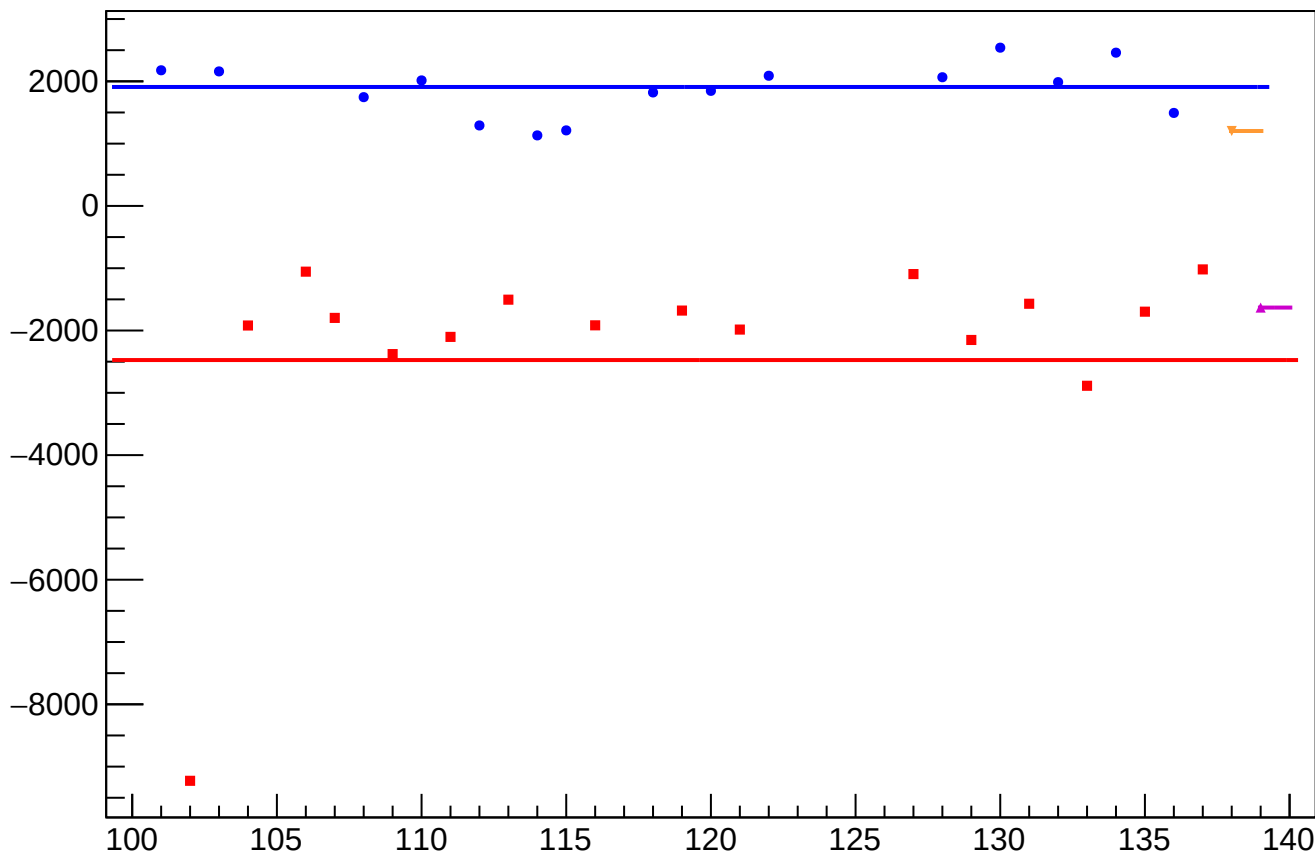
Out: -24065.839+/-0.000

χ^2/NDF : 1956205500414

All: -277.548+/-0.000

χ^2/NDF : 13089610757

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1909.434+/-0.000

χ^2/NDF : 87636974094211671524177650165869445120.0/14

Left: -241.108+/-0.000 χ^2/NDF : 319234090279665

Right: -312.249+/-0.000 χ^2/NDF : 94418650101321

Left Out: 1202.839+/-0.000

χ^2/NDF : 4032505.5/0

Right Out: -2473.977+/-0.000

χ^2/NDF : 3033908025746418121738753286600386412544.0/15

In: 1516.527+/-0.000 χ^2/NDF : 9905814959338475

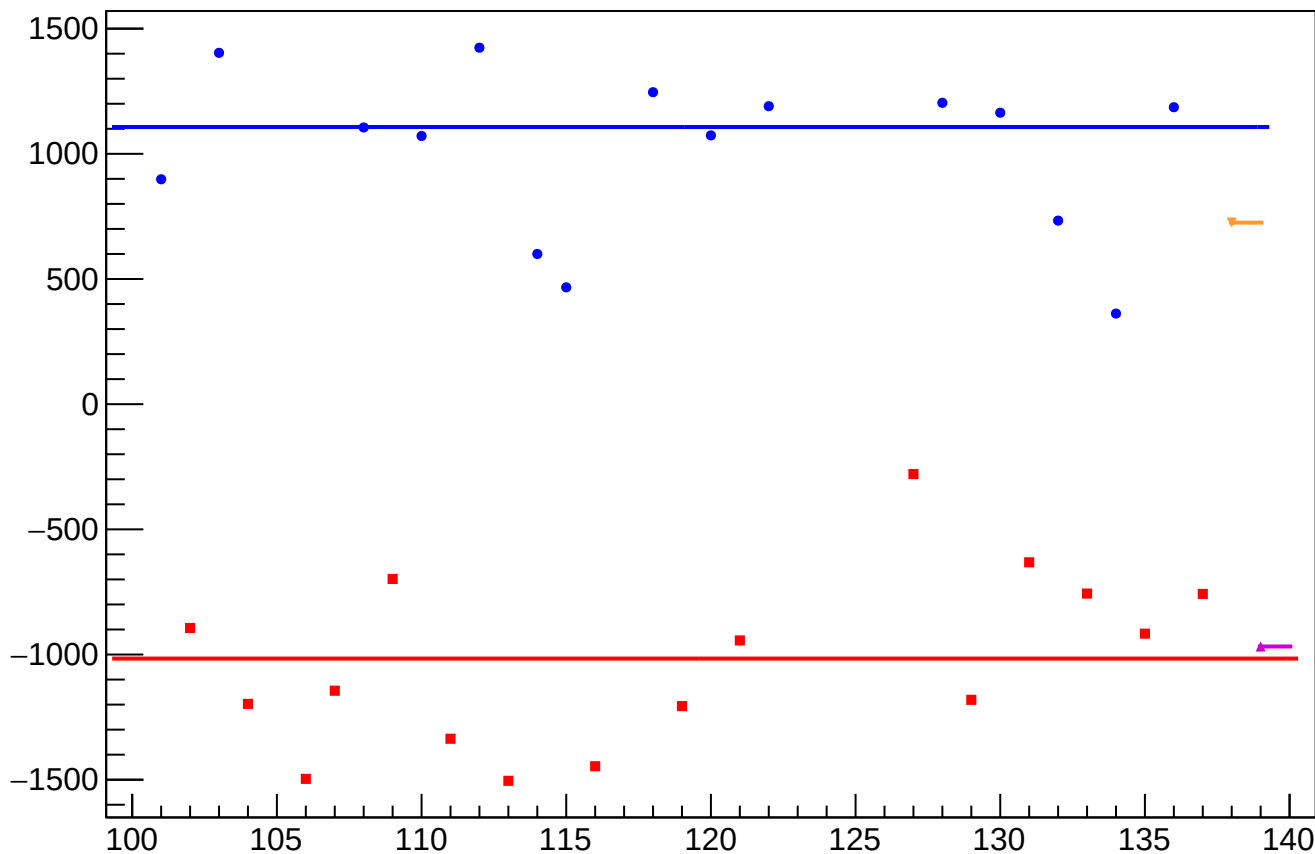
Out: -2089.022+/-0.000 χ^2/NDF : 39779863182028

Left In: -1631.576+/-0.000

χ^2/NDF : 0.0/0

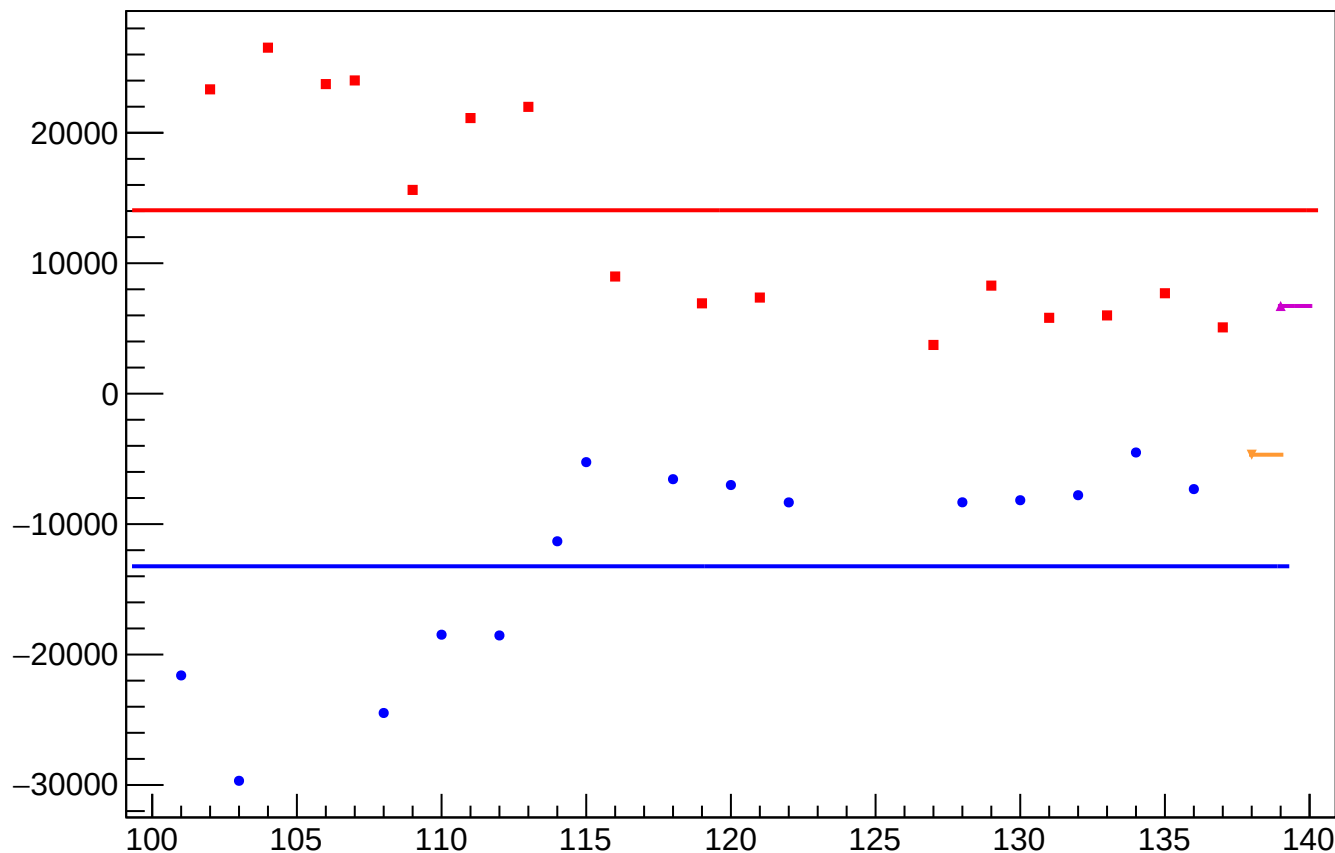
All: -304.581+/-0.000 χ^2/NDF : 97618170672

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: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

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

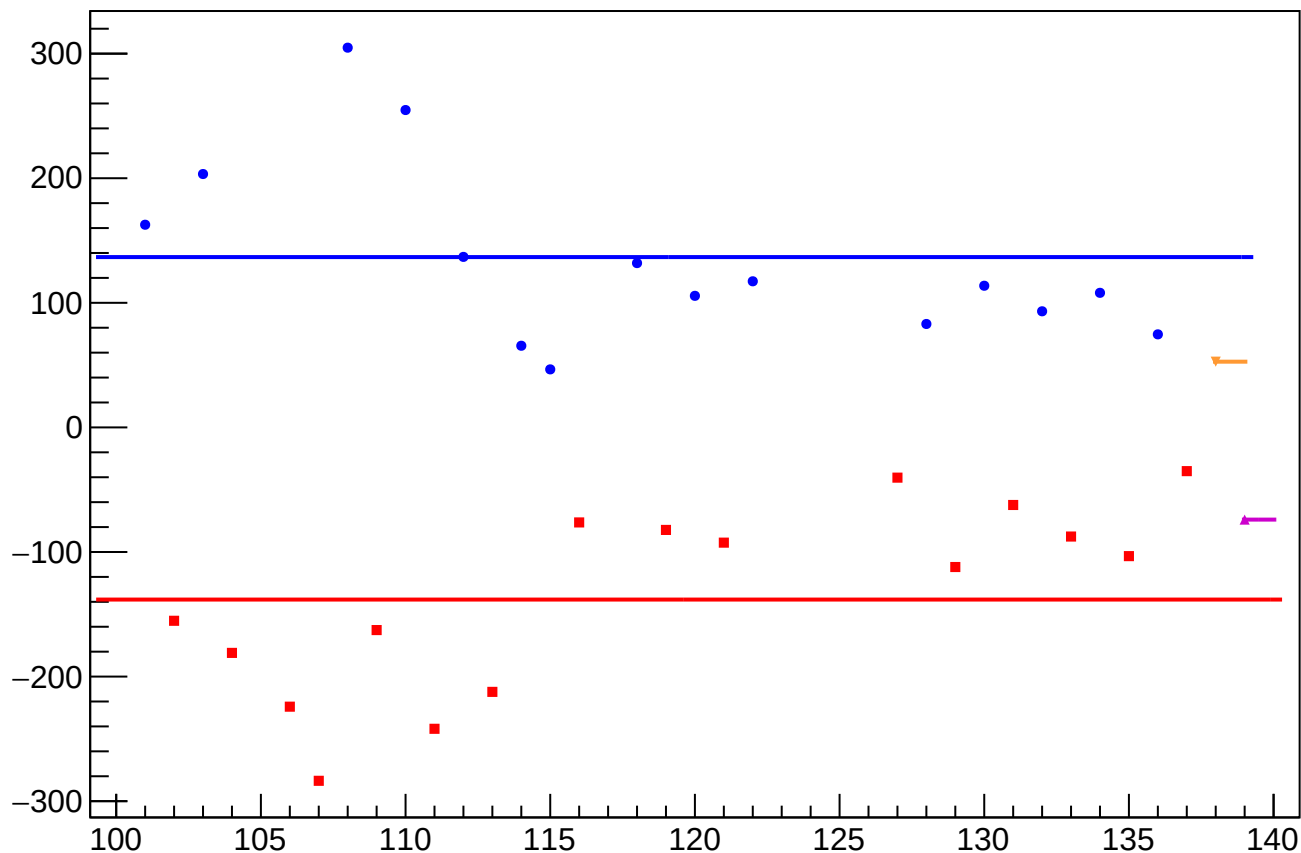
Left In: 6722.002+/-0.000 χ^2/NDF : 0.0/0

Left: 1128.692+/-0.000 χ^2/NDF : 516565379379210
Right: 600.026+/-0.000 χ^2/NDF : 330784909470012

In: -11019.141+/-0.000 χ^2/NDF : 69933557820076
Out: 12098.079+/-0.000 χ^2/NDF : 69014877503185

All: 657.014+/-0.000 χ^2/NDF : 335990211510

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 : 3230883352878636334641613561898467328.0/15

Left In: -74.003+/-0.000

χ^2/NDF : 0.0/0

Left: -11.819+/-0.000 χ^2/NDF : 6384723725807806

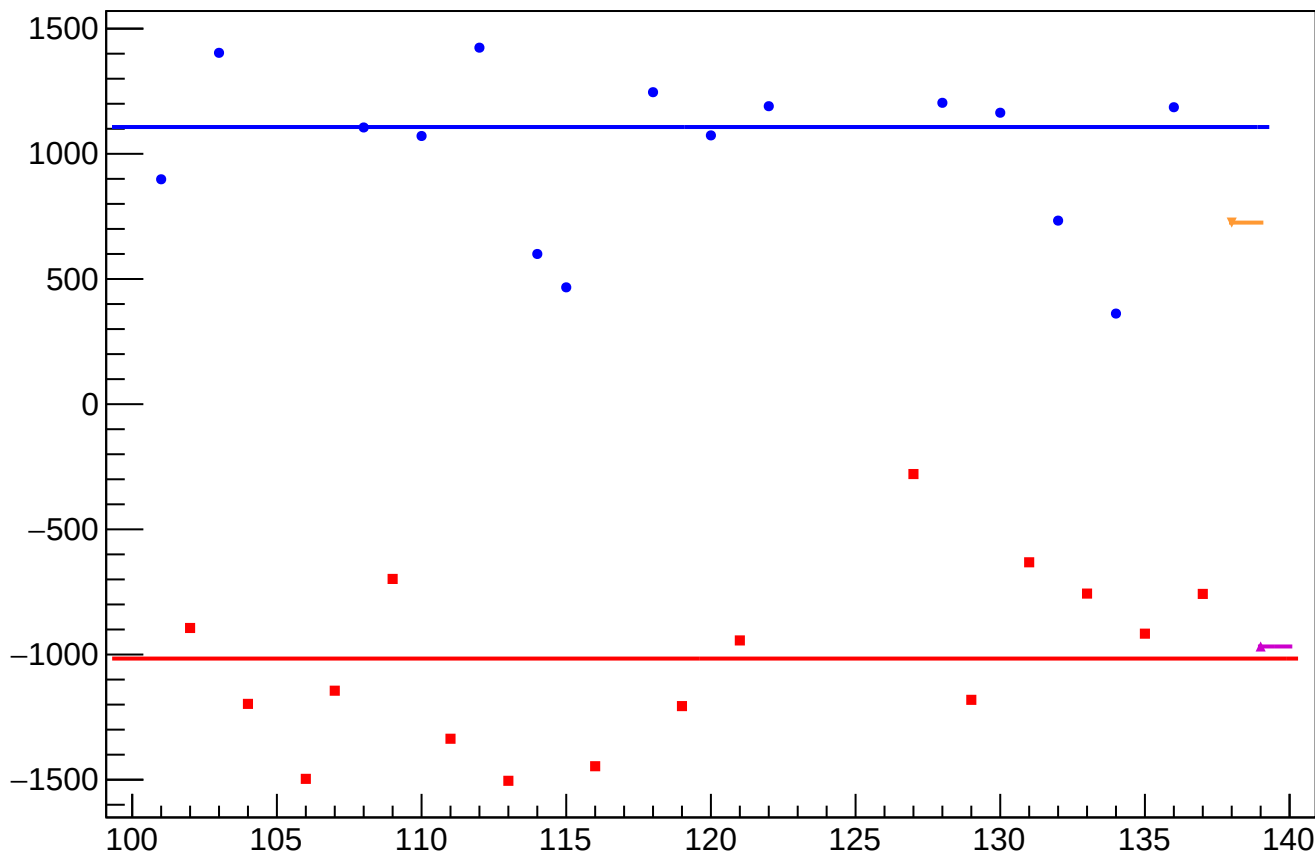
Right: -2.614+/-0.000 χ^2/NDF : 3077400704218916

In: 113.330+/-0.000 χ^2/NDF : 58844255716347378

Out: -118.189+/-0.000 χ^2/NDF : 577676640439316

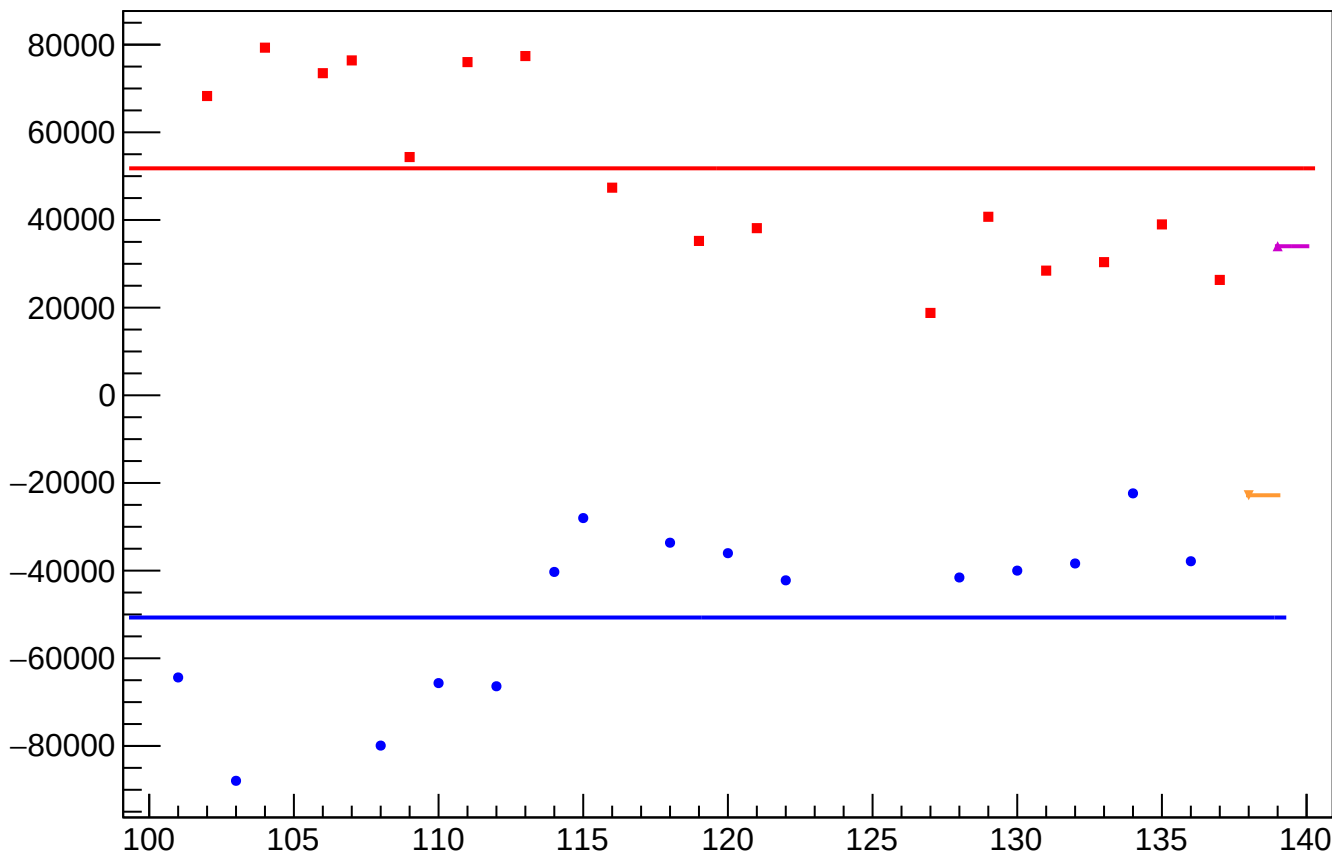
All: -3.606+/-0.000 χ^2/NDF : 3142449900374

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: -137.239+/-0.000 χ^2/NDF : 113905870901144
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 In: 876.827+/-0.000 χ^2/NDF : 3506522295988446
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

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: 34011.430+/-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: 6139.733+/-0.000

Right: 1245.090+/-0.000

In: -41296.445+/-0.000

Out: 43974.713+/-0.000

All: 1772.716+/-0.000

χ^2/NDF : 128266831038963

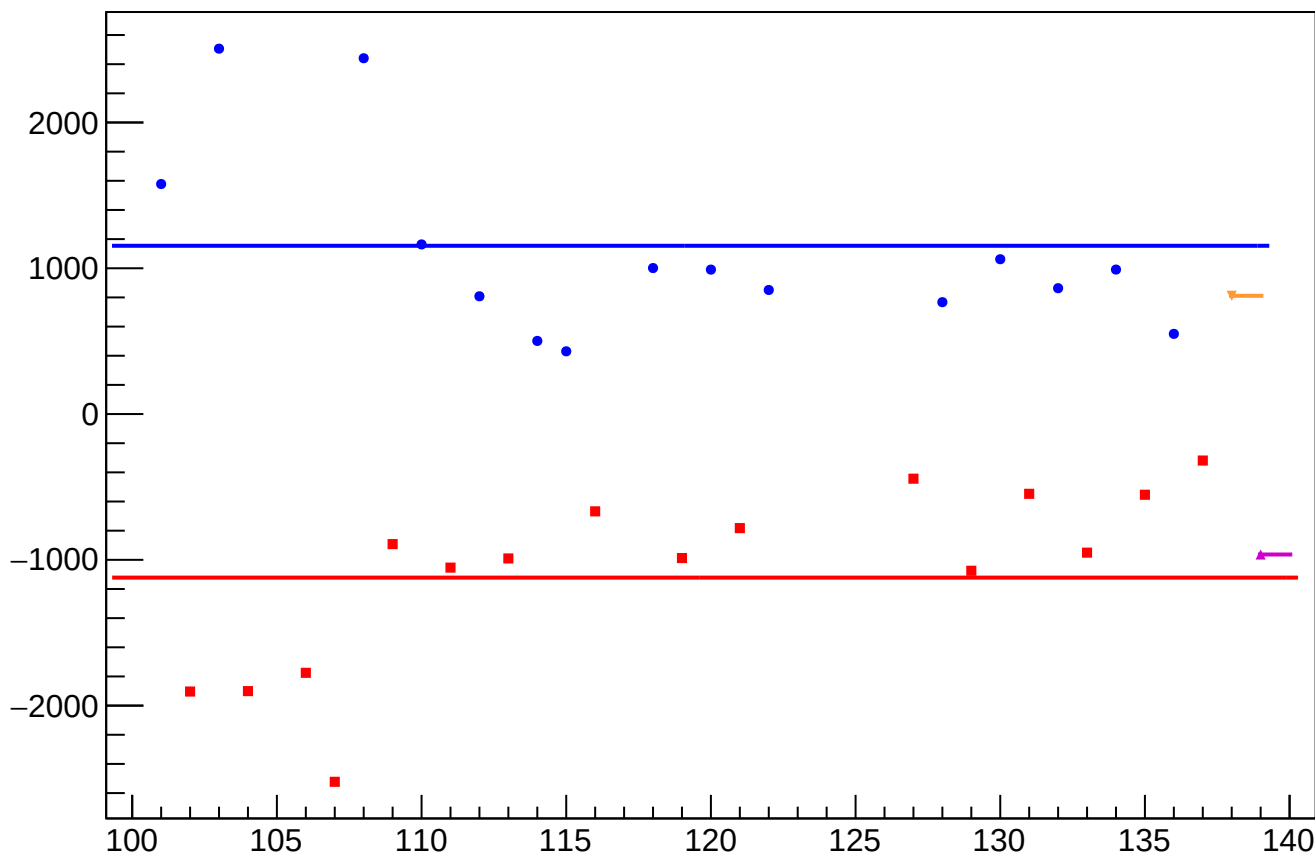
χ^2/NDF : 39629195371379

χ^2/NDF : 74332013508959

χ^2/NDF : 67029810117545

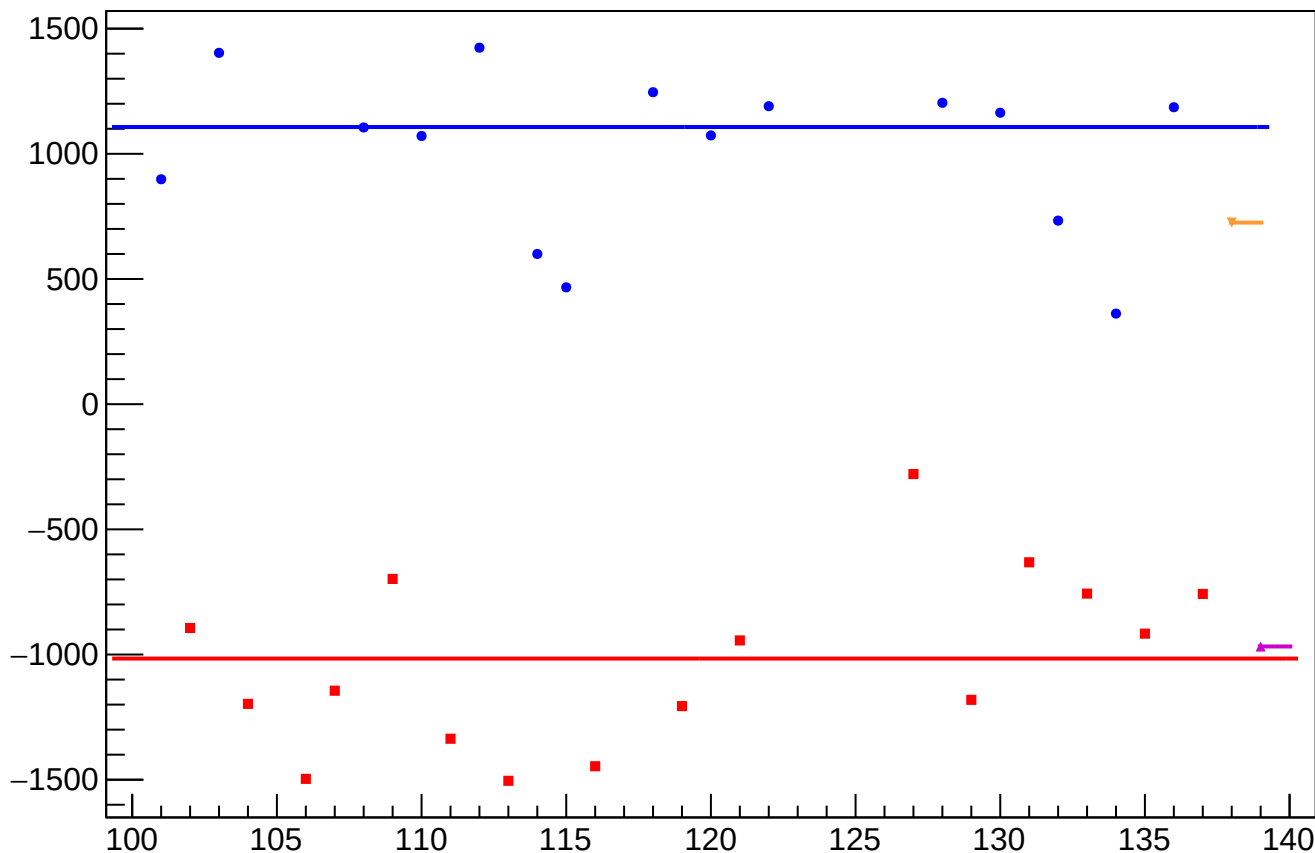
χ^2/NDF : 40945849913

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



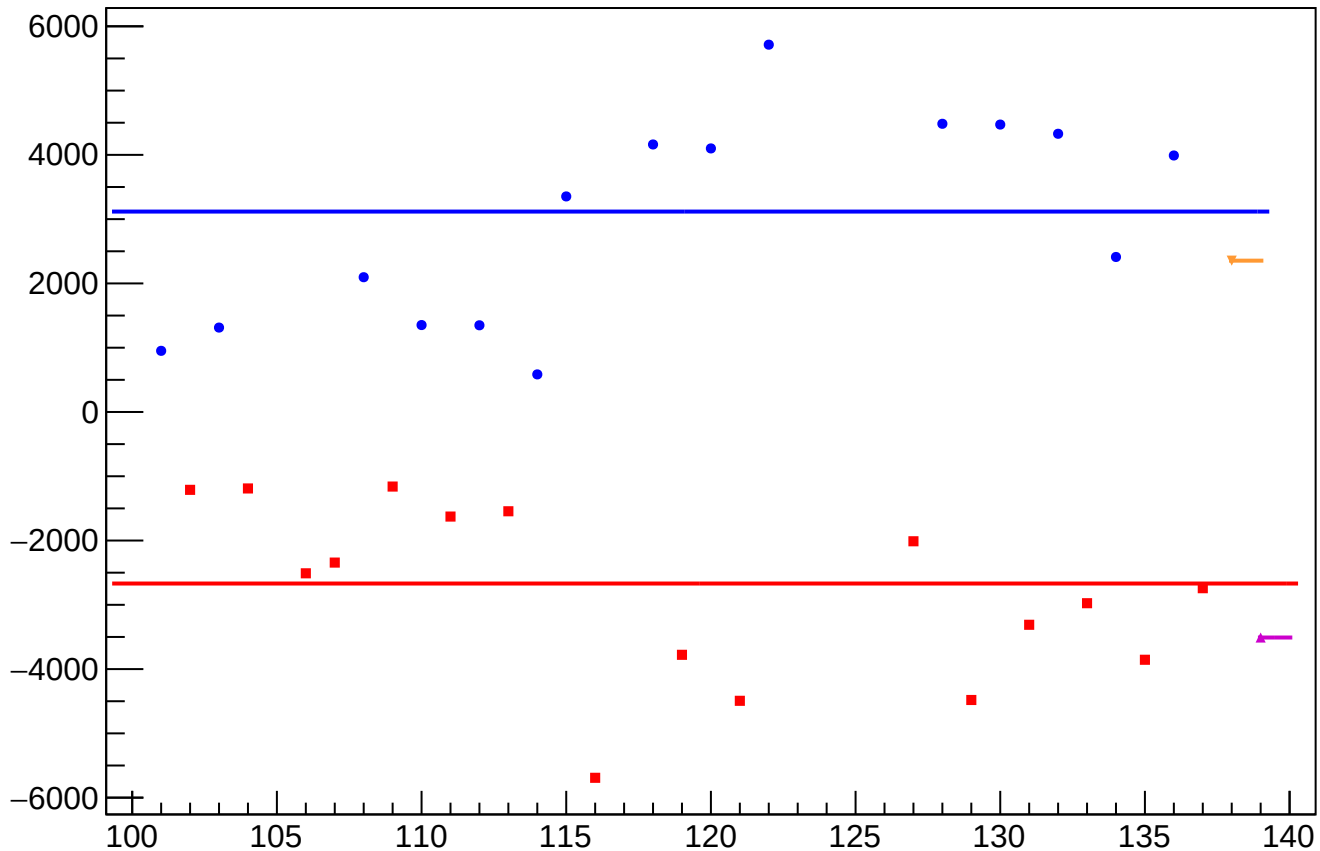
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14
 Left Out: 811.161+/-0.000 χ^2/NDF : 1008126.4/0
 Right Out: -1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Left In: -963.454+/-0.000 χ^2/NDF : 1046900.5/0
 In: 919.344+/-0.000 χ^2/NDF : 57224657968774220
 Out: -919.543+/-0.000 χ^2/NDF : 487117497631885
 All: -9.450+/-0.000 χ^2/NDF : 2306164804483

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -137.239 +/- 0.000 $\chi^2/\text{NDF}: 113905870901144$
 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: 30.953 +/- 0.000 $\chi^2/\text{NDF}: 1595991371539270$
 In: 876.827 +/- 0.000 $\chi^2/\text{NDF}: 3506522295988446$
 Right Out: -1016.106 +/- 0.000 $\chi^2/\text{NDF}: 72567664333509192712184310037150171136.0/15$
 Out: -833.787 +/- 0.000 $\chi^2/\text{NDF}: 284333310162130$
 Left In: -967.815 +/- 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 12.822 +/- 0.000 $\chi^2/\text{NDF}: 1713910259904$

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: -3508.829+/-0.000

χ^2/NDF : 0.0/0

Left: -632.605+/-0.000 χ^2/NDF : 136594465262205

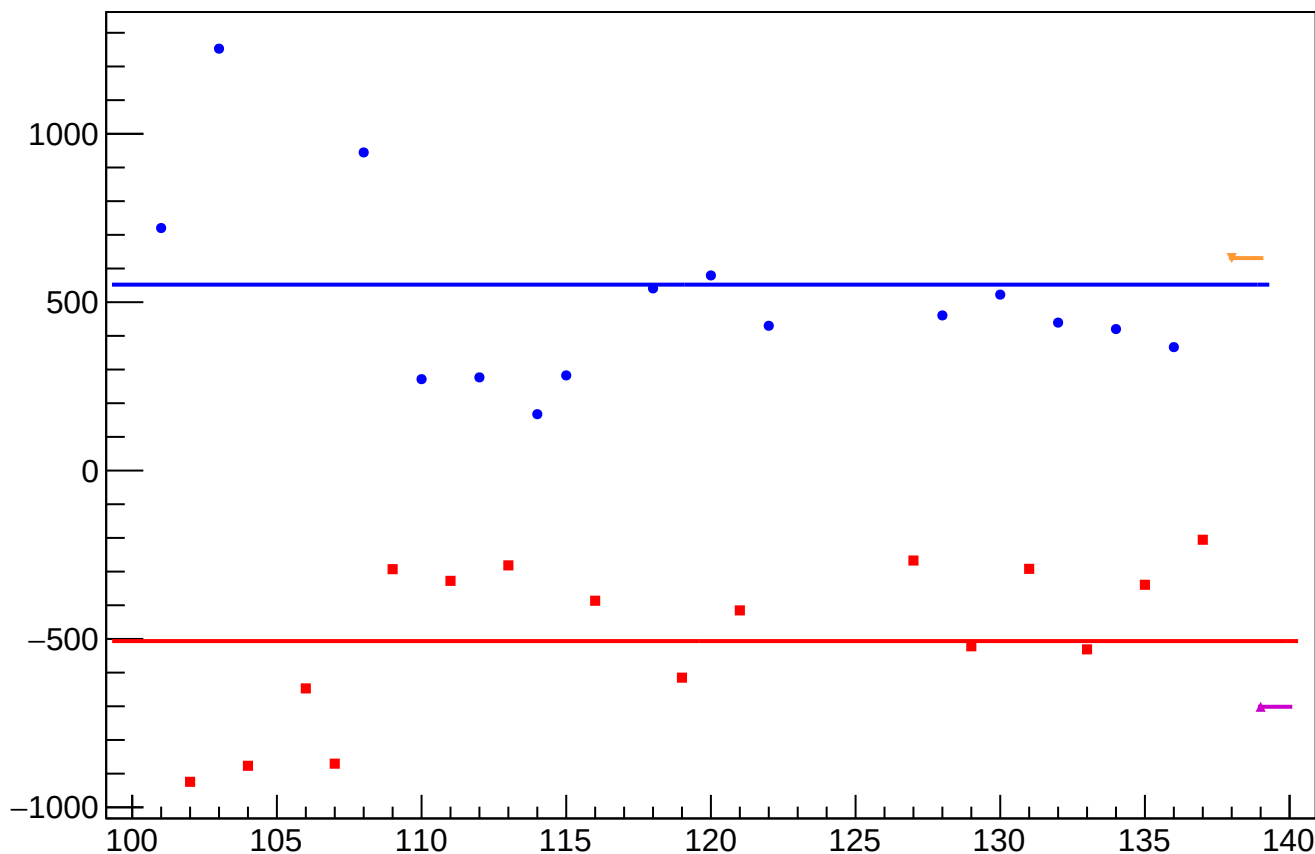
Right: 184.985+/-0.000 χ^2/NDF : 137039743554262

In: 2382.617+/-0.000 χ^2/NDF : 4715068114819247

Out: -2142.892+/-0.000 χ^2/NDF : 28983704839406

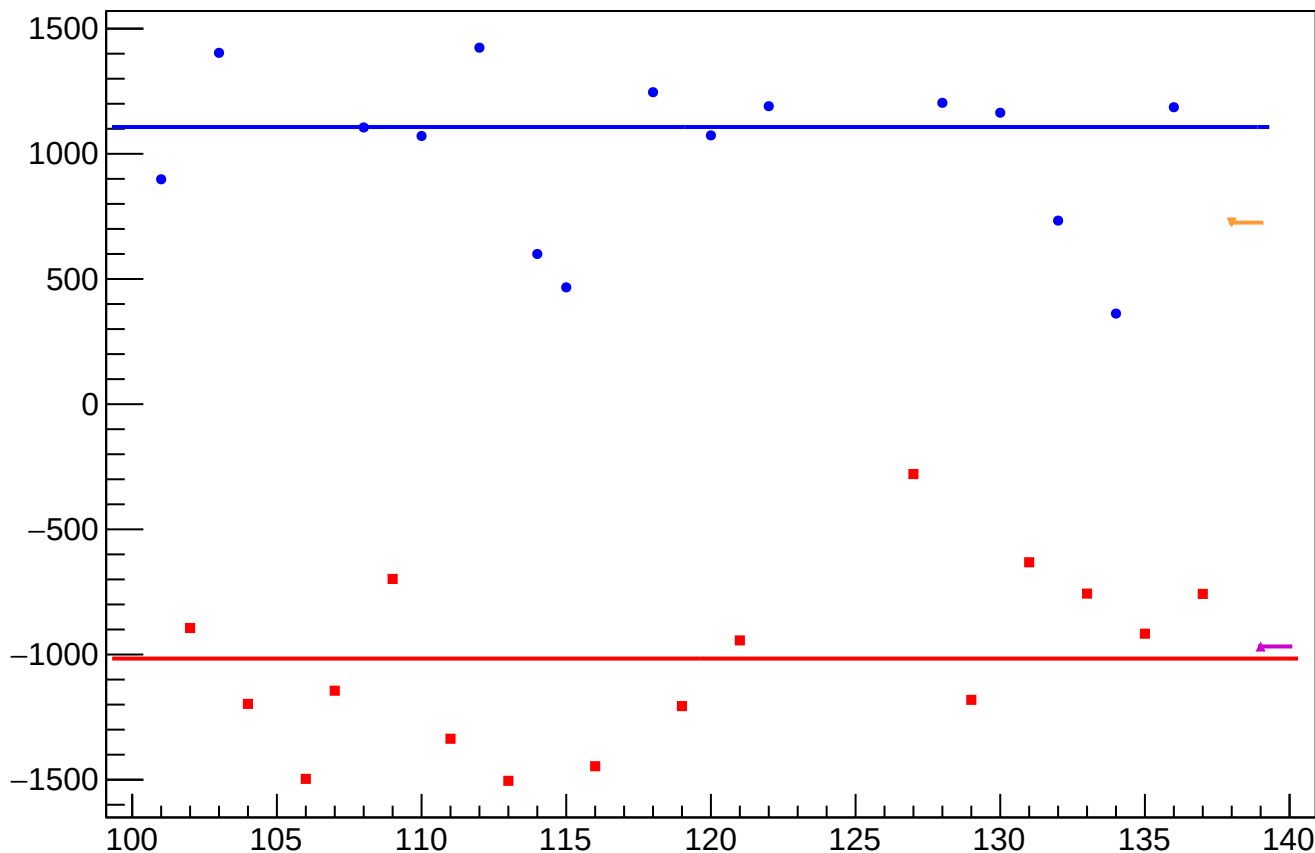
All: 96.851+/-0.000 χ^2/NDF : 1516474599655

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



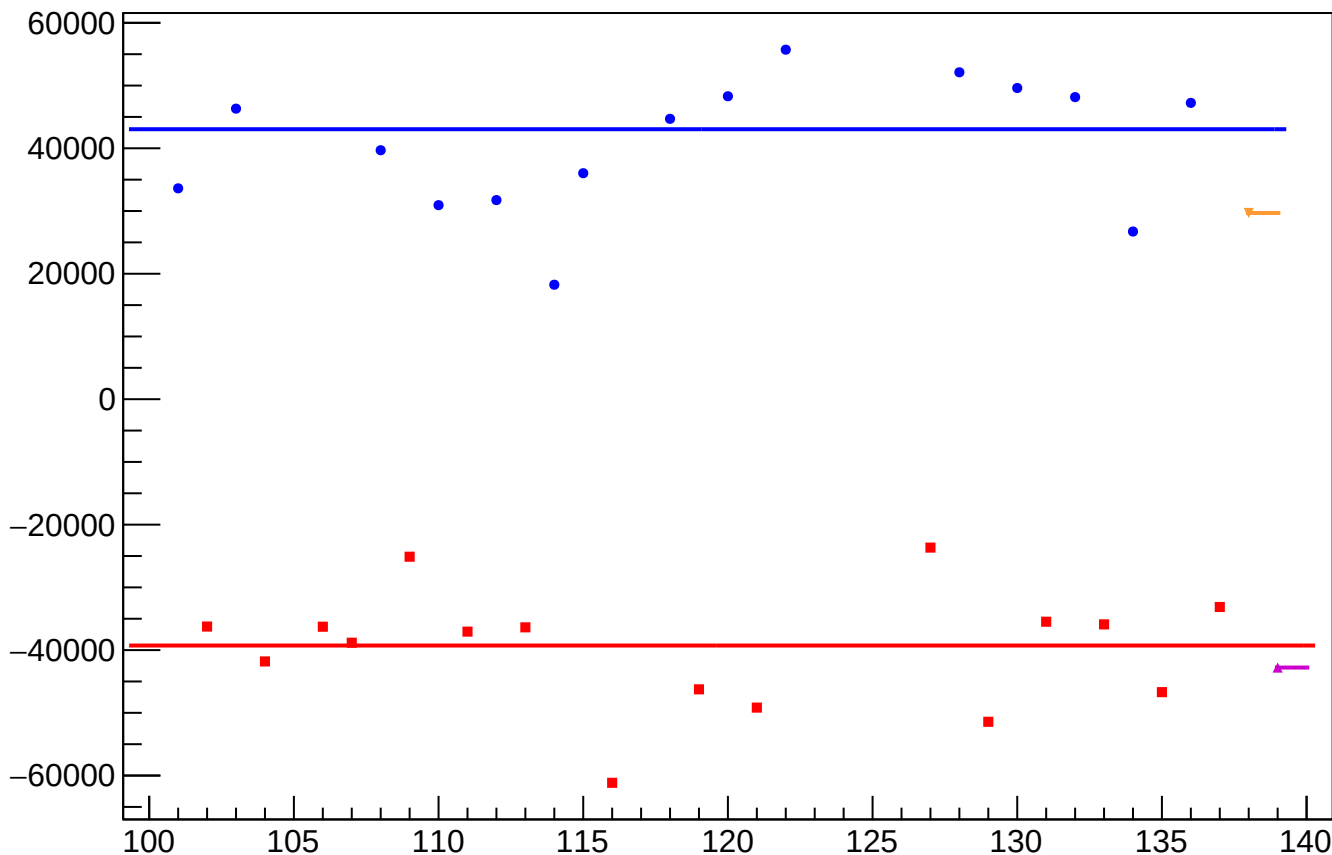
Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14
 Left Out: 630.991+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15
 Left In: -701.419+/-0.000 χ^2/NDF : 0.0/0
 In: 413.018+/-0.000 χ^2/NDF : 16389417328251004
 Out: -387.268+/-0.000 χ^2/NDF : 127513719909263
 All: 8.806+/-0.000 χ^2/NDF : 52755262318985

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -137.239 +/- 0.000 $\chi^2/\text{NDF}: 113905870901144$
 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: 30.953 +/- 0.000 $\chi^2/\text{NDF}: 1595991371539270$
 In: 876.827 +/- 0.000 $\chi^2/\text{NDF}: 3506522295988446$
 Out: -833.787 +/- 0.000 $\chi^2/\text{NDF}: 284333310162130$
 Left In: -967.815 +/- 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 12.822 +/- 0.000 $\chi^2/\text{NDF}: 1713910259904$

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000

Left: -7230.562+/-0.000 χ^2/NDF : 20869800154498

Left Out: 29688.937+/-0.000

Right: 1322.243+/-0.000 χ^2/NDF : 23287829079556

Right Out: -39269.627+/-0.000

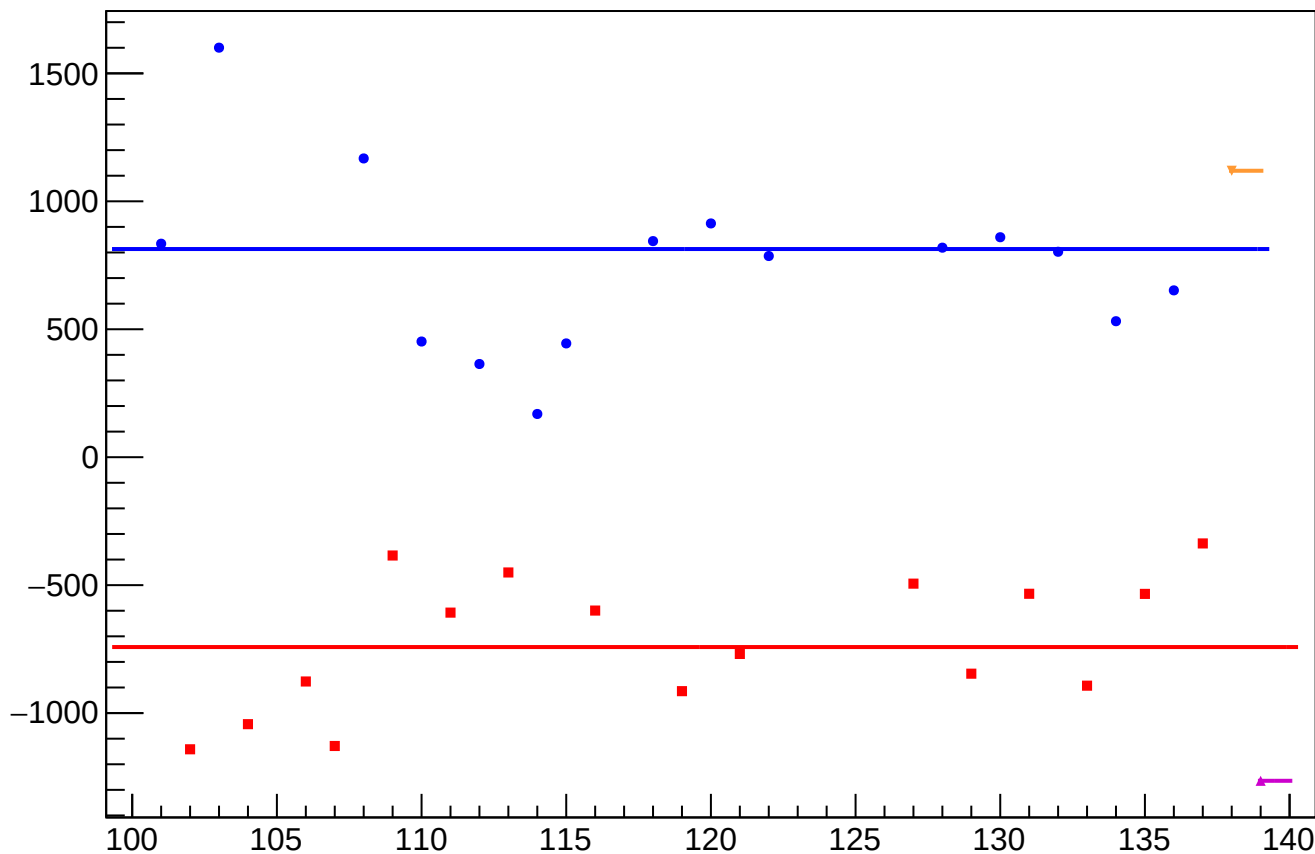
In: 33517.146+/-0.000 χ^2/NDF : 578805186509446

Left In: -42782.671+/-0.000

Out: -32049.804+/-0.000 χ^2/NDF : 3839513933884

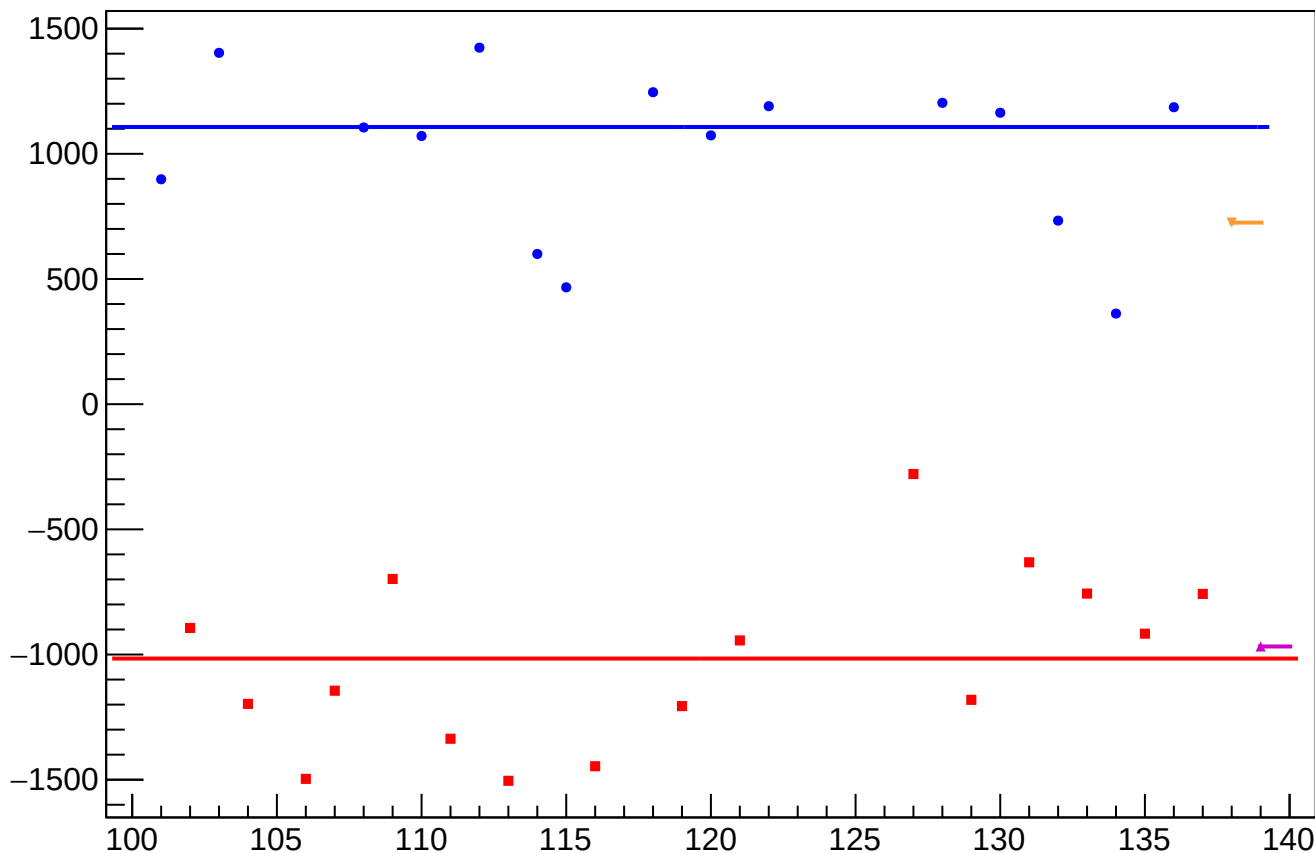
All: 400.280+/-0.000 χ^2/NDF : 254785805997

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



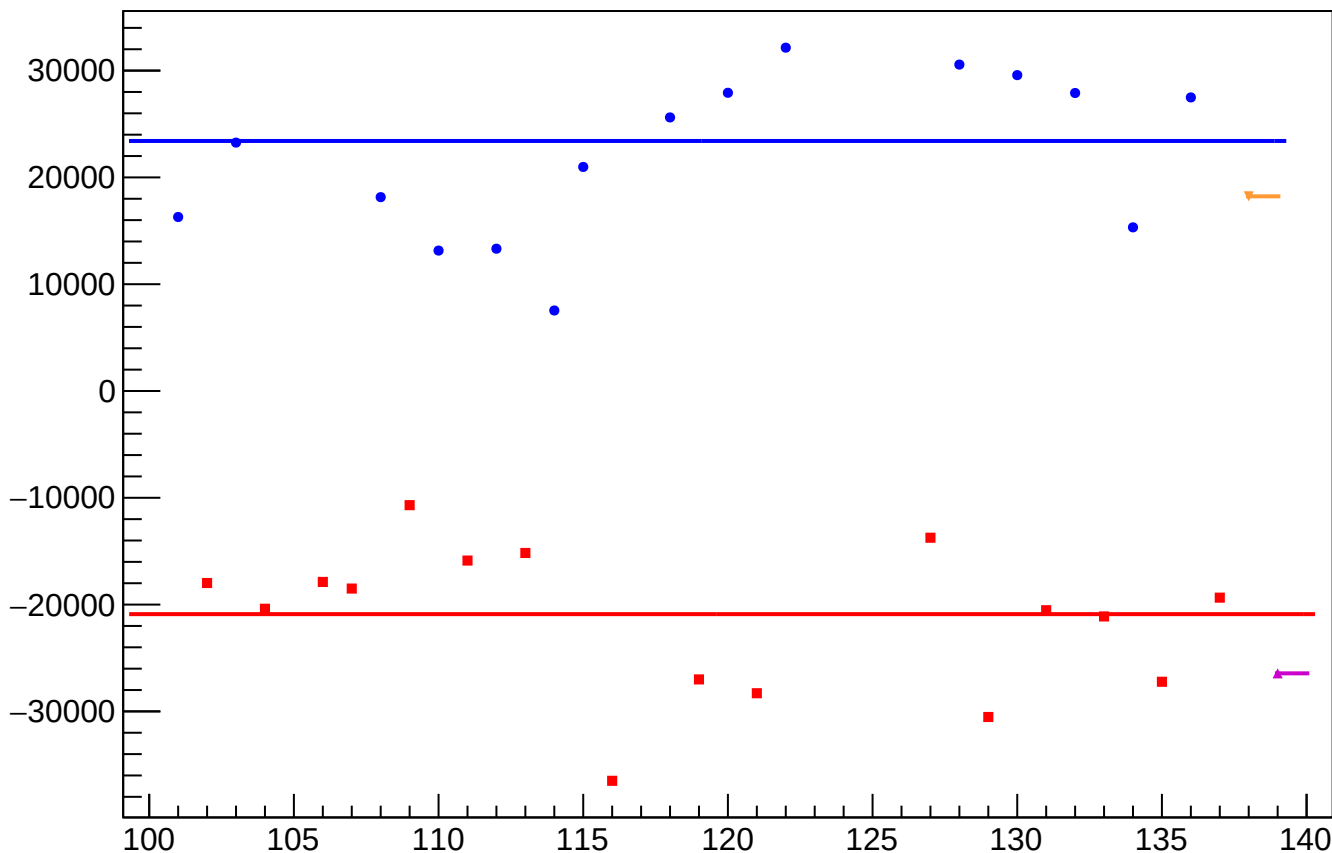
Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14
 Left Out: 1119.408+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15
 Left In: -1264.589+/-0.000 χ^2/NDF : 4187601.9/0
 All: 12.196+/-0.000 χ^2/NDF : 1134884537023

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -137.239 +/- 0.000 $\chi^2/\text{NDF}: 113905870901144$
 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: 30.953 +/- 0.000 $\chi^2/\text{NDF}: 1595991371539270$
 In: 876.827 +/- 0.000 $\chi^2/\text{NDF}: 3506522295988446$
 Out: -833.787 +/- 0.000 $\chi^2/\text{NDF}: 284333310162130$
 Left In: -967.815 +/- 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 12.822 +/- 0.000 $\chi^2/\text{NDF}: 1713910259904$

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506+/-0.000

χ^2/NDF : 28427457471

Left: -4526.650+/-0.000 χ^2/NDF : 79273097699581

Right: 955.690+/-0.000 χ^2/NDF : 701538889846229

Left Out: 18227.445+/-0.000

χ^2/NDF : 0.0/0

Right Out: -20894.122+/-0.000

χ^2/NDF : 27408965804

In: 17880.260+/-0.000 χ^2/NDF : 207376171976485

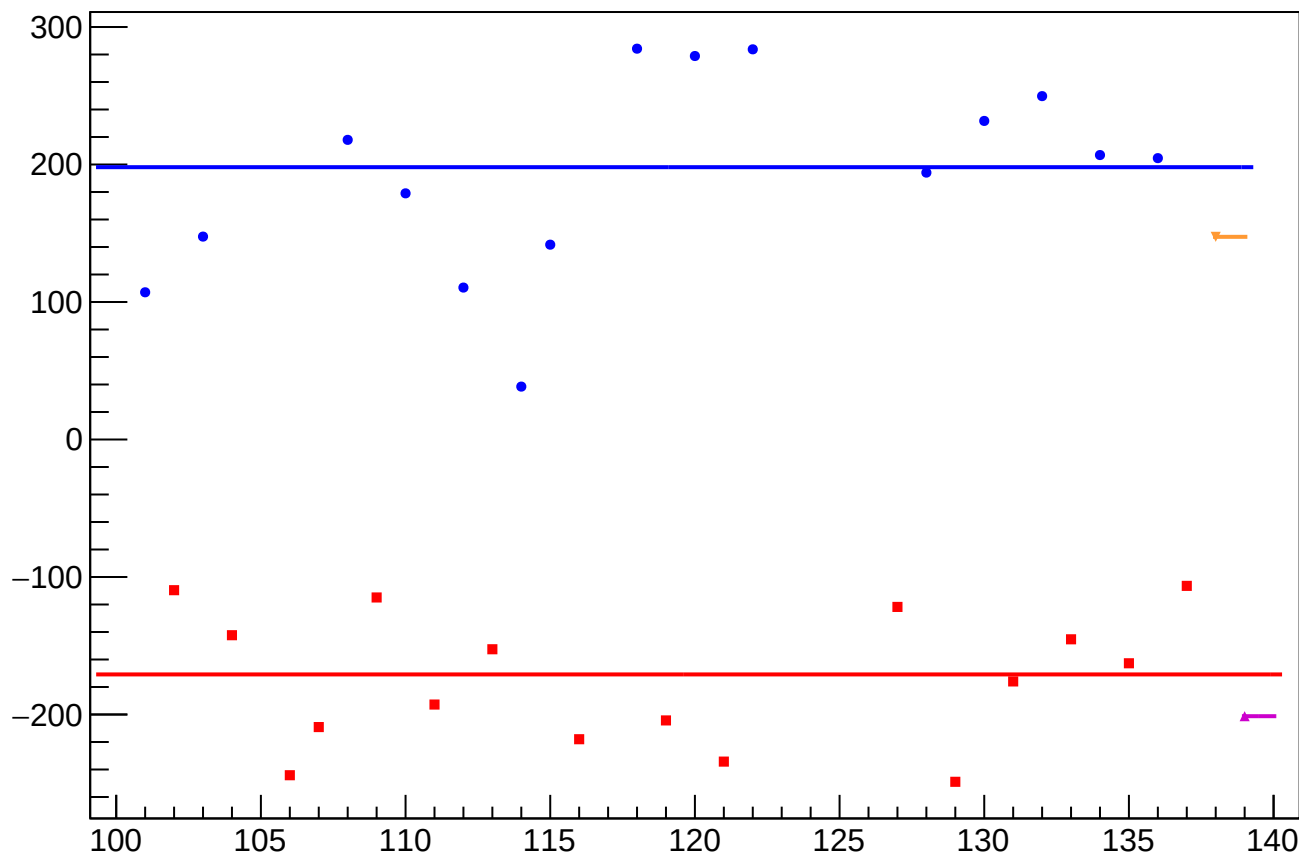
Out: -16798.173+/-0.000 χ^2/NDF : 1342890160057

Left In: -26438.000+/-0.000

χ^2/NDF : 0.0/0

All: 364.713+/-0.000 χ^2/NDF : 785075749020

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 198.056+/-0.000

χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left: -30.205+/-0.000 χ^2/NDF : 4829506296486453

Right: 11.079+/-0.000 χ^2/NDF : 4866728486717223

Left Out: 147.397+/-0.000

χ^2/NDF : 0.0/0

Right Out: -170.851+/-0.000

χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: -201.229+/-0.000

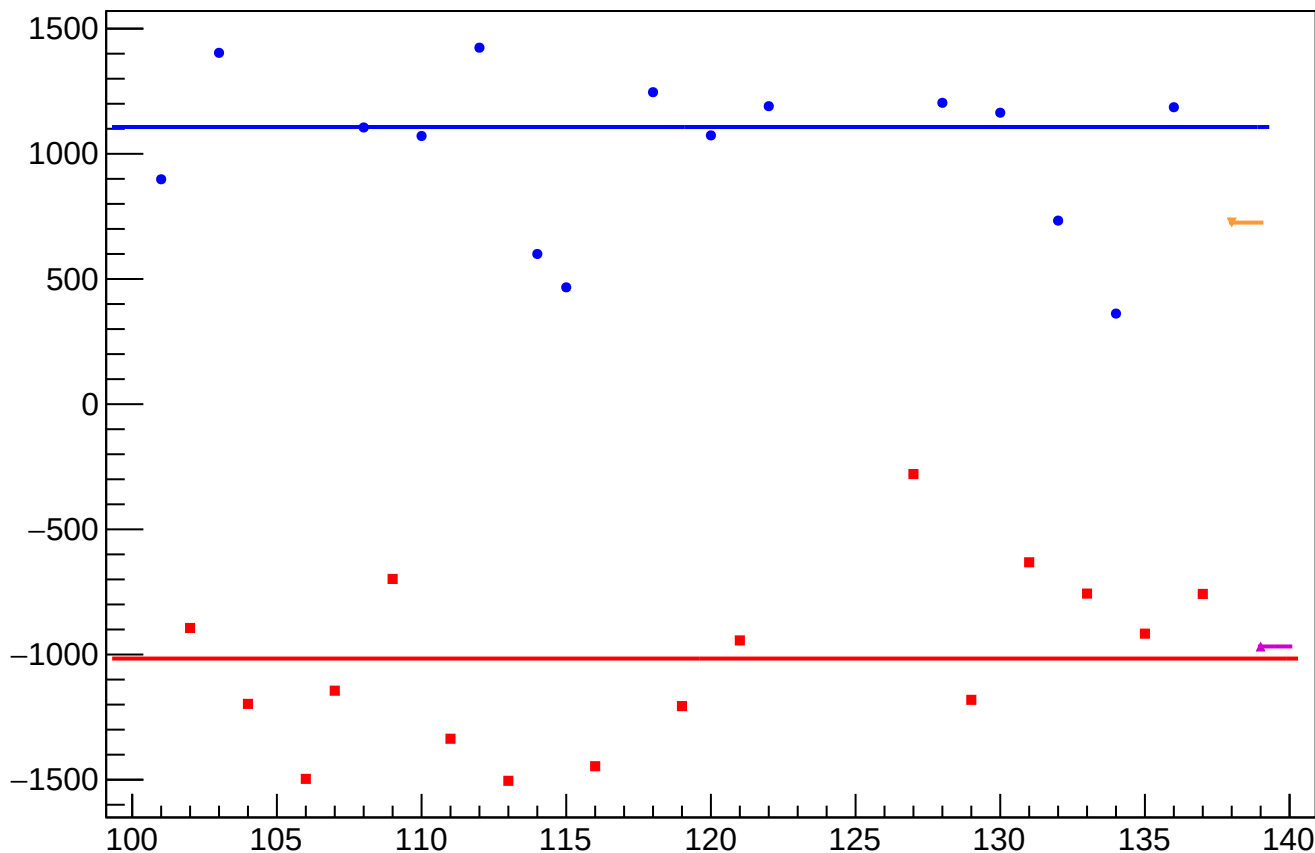
χ^2/NDF : 0.0/0

In: 153.751+/-0.000 χ^2/NDF : 13963744954590167

Out: -137.531+/-0.000 χ^2/NDF : 849120136872725

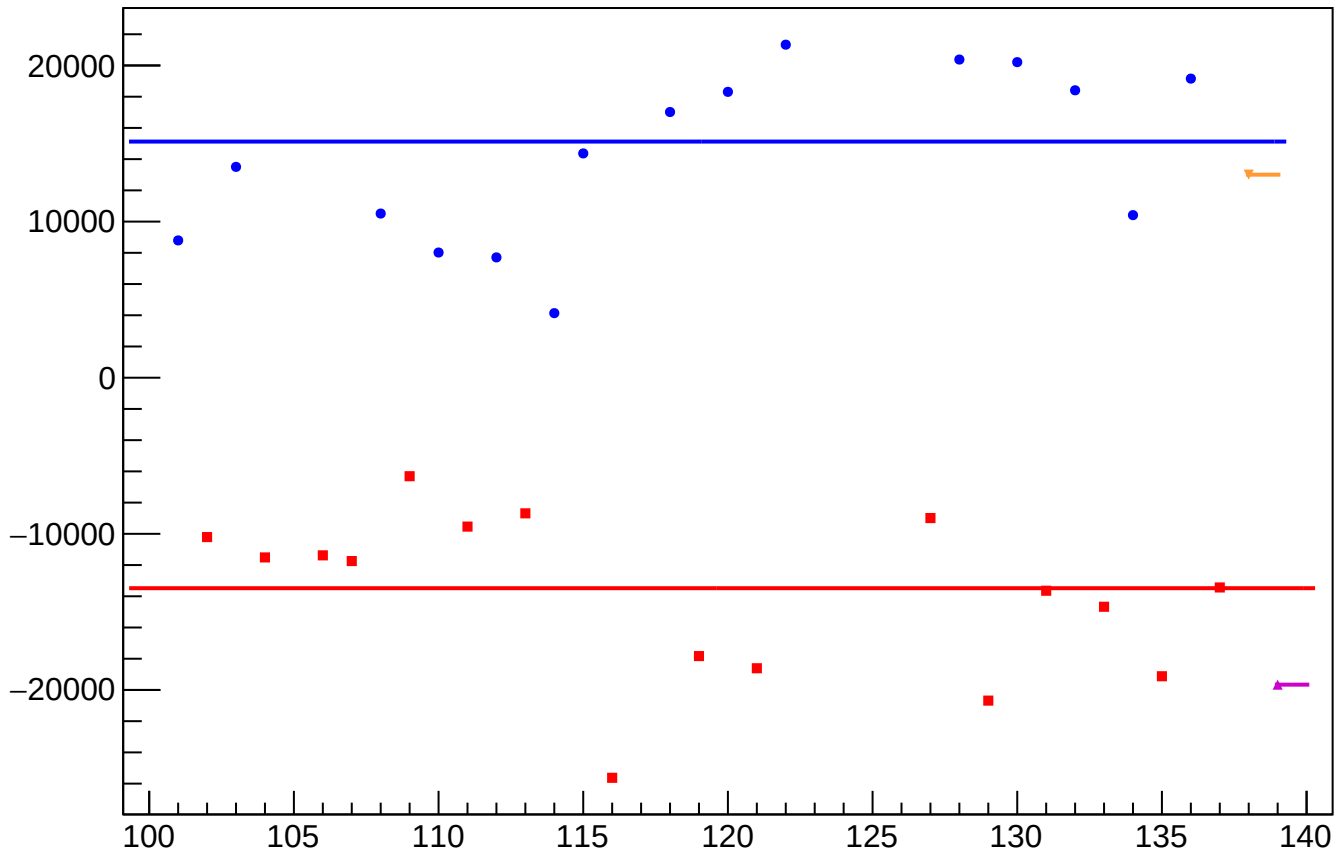
All: 6.629+/-0.000 χ^2/NDF : 53738576689958

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: -967.815+/-0.000 χ^2/NDF : 0.0/0
 In: 876.827+/-0.000 χ^2/NDF : 35065222959884468
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 15125.834+/-0.000

Left: -3634.876+/-0.000 χ^2/NDF : 42404203088055

Left Out: 13006.954+/-0.000

Right: 626.147+/-0.000 χ^2/NDF : 301736371959472

Right Out: -13482.244+/-0.000

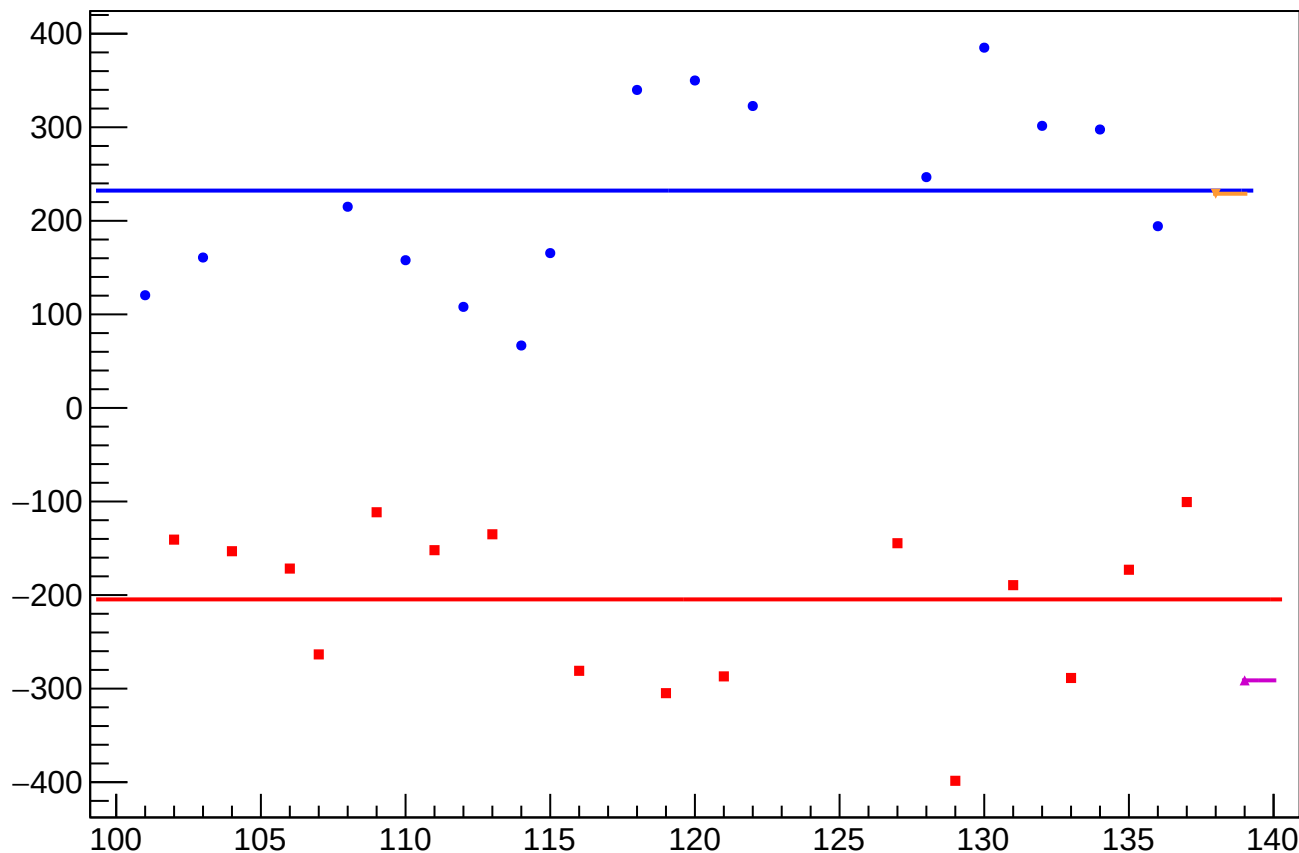
In: 11265.998+/-0.000 χ^2/NDF : 103755980696174

Left In: -19660.343+/-0.000

Out: -10708.878+/-0.000 χ^2/NDF : 6491107161602

All: 166.823+/-0.000 χ^2/NDF : 346716236687

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 232.312+/-0.000

χ^2/NDF : 5478184144885833956204804001180418048.0/14

Left: -36.023+/-0.000 χ^2/NDF : 1074976569007017

Right: 10.849+/-0.000 χ^2/NDF : 7283570791033899

Left Out: 228.946+/-0.000

χ^2/NDF : 0.0/0

Right Out: -204.637+/-0.000

χ^2/NDF : 4555067046835230017930882867882098688.0/15

In: 174.226+/-0.000 χ^2/NDF : 25212684474451105

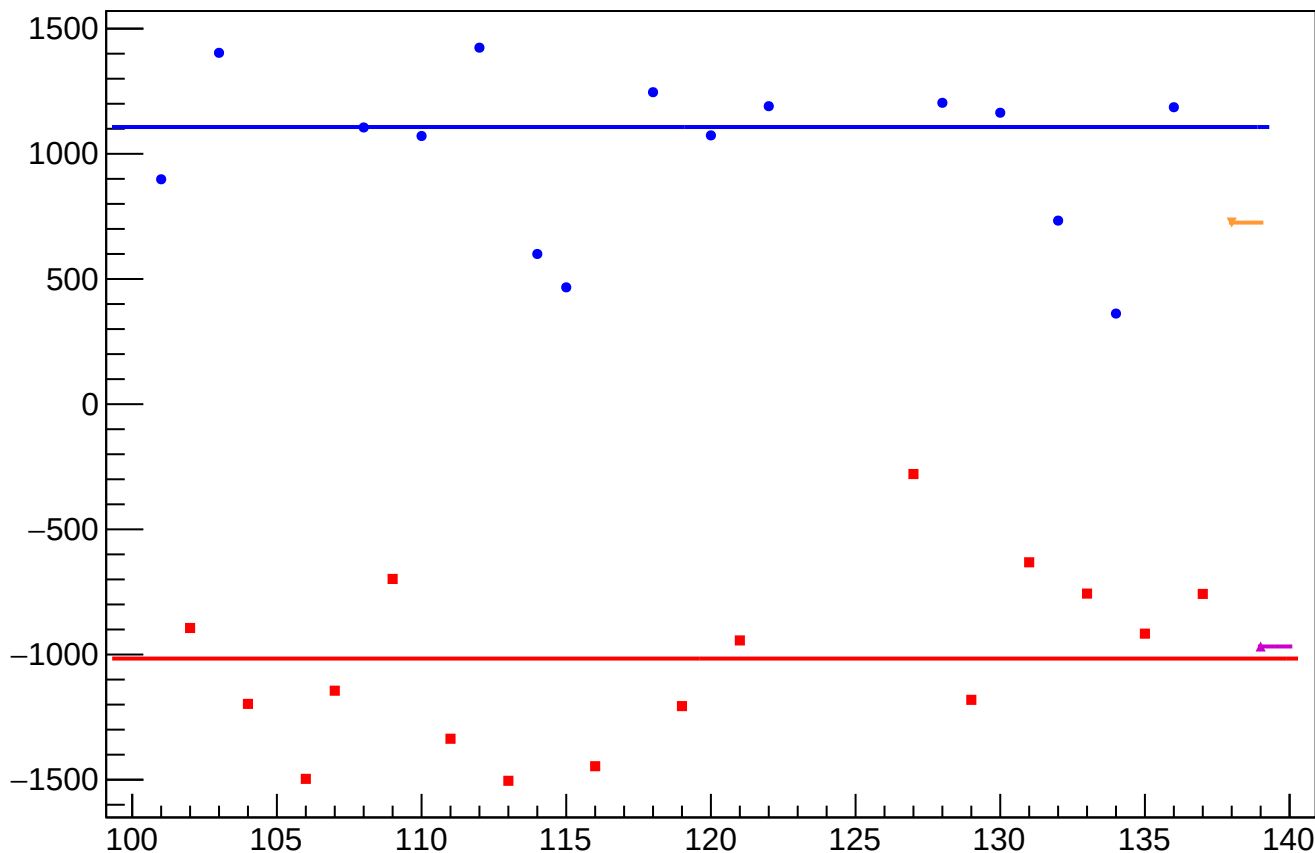
Out: -159.242+/-0.000 χ^2/NDF : 176833941474530

Left In: -291.179+/-0.000

χ^2/NDF : 261725.1/0

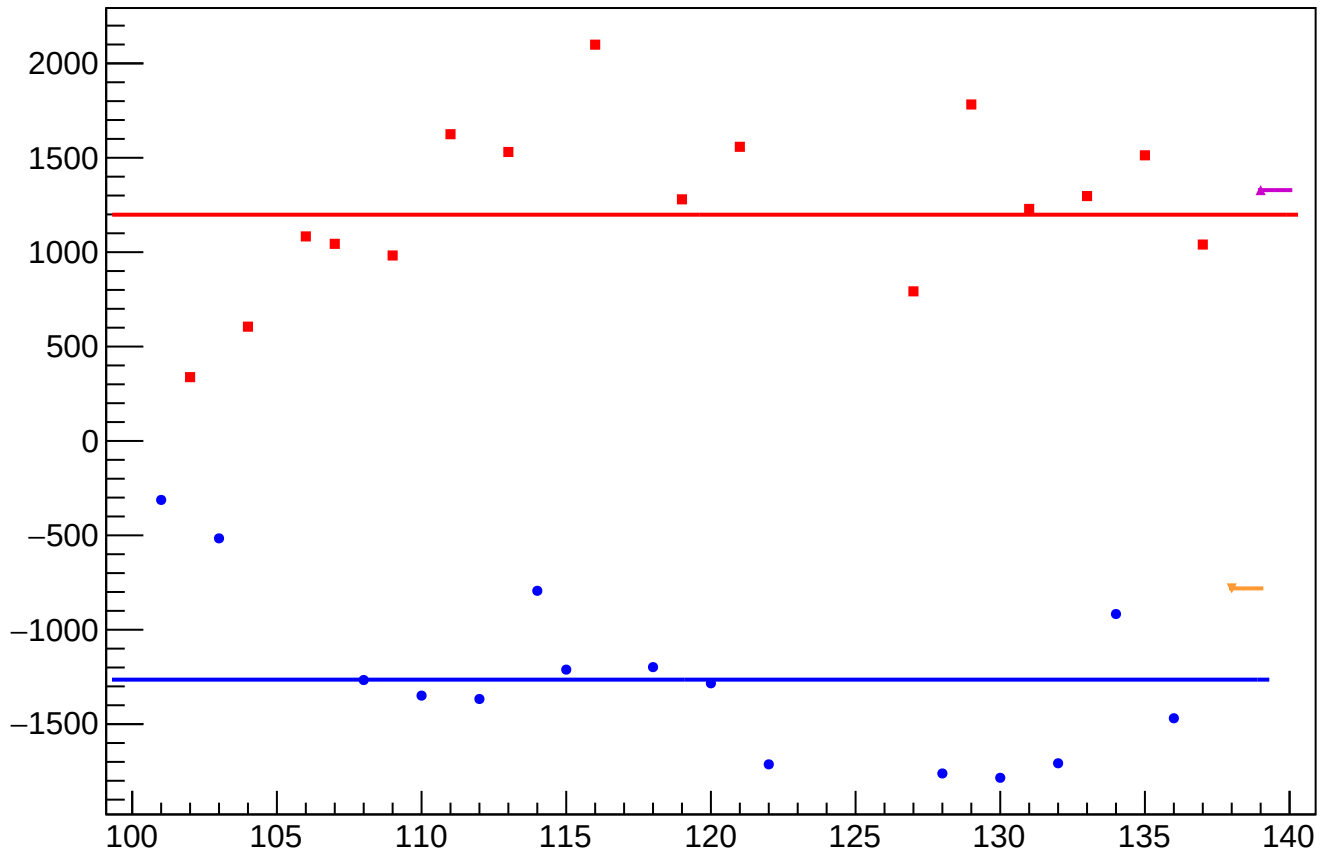
All: 5.797+/-0.000 χ^2/NDF : 83897147339415

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: -137.239+/-0.000 χ^2/NDF : 113905870901144
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 In: 876.827+/-0.000 χ^2/NDF : 3506522295988446
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303+/-0.000

χ^2/NDF : 140215251538502657549173994543931981824.0/14

Left Out: -781.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1198.483+/-0.000

χ^2/NDF : 131164763898016793515492217696167133184.0/15

Left In: 1328.720+/-0.000

χ^2/NDF : 0.0/0

Left: 293.763+/-0.000 χ^2/NDF : 1768610683342472

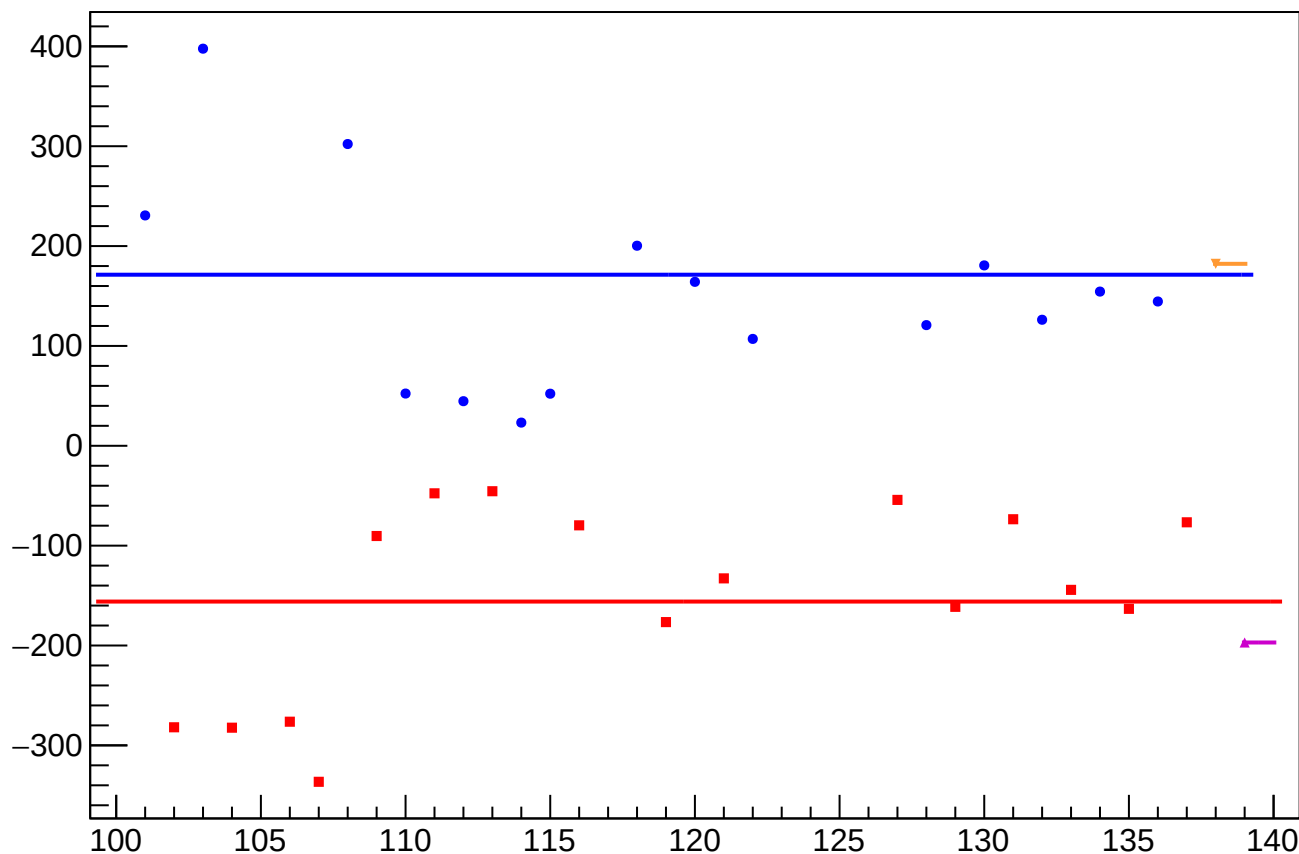
Right: -16.067+/-0.000 χ^2/NDF : 226649511001664

In: -976.584+/-0.000 χ^2/NDF : 6244093485175038

Out: 991.235+/-0.000 χ^2/NDF : 4047974139491241

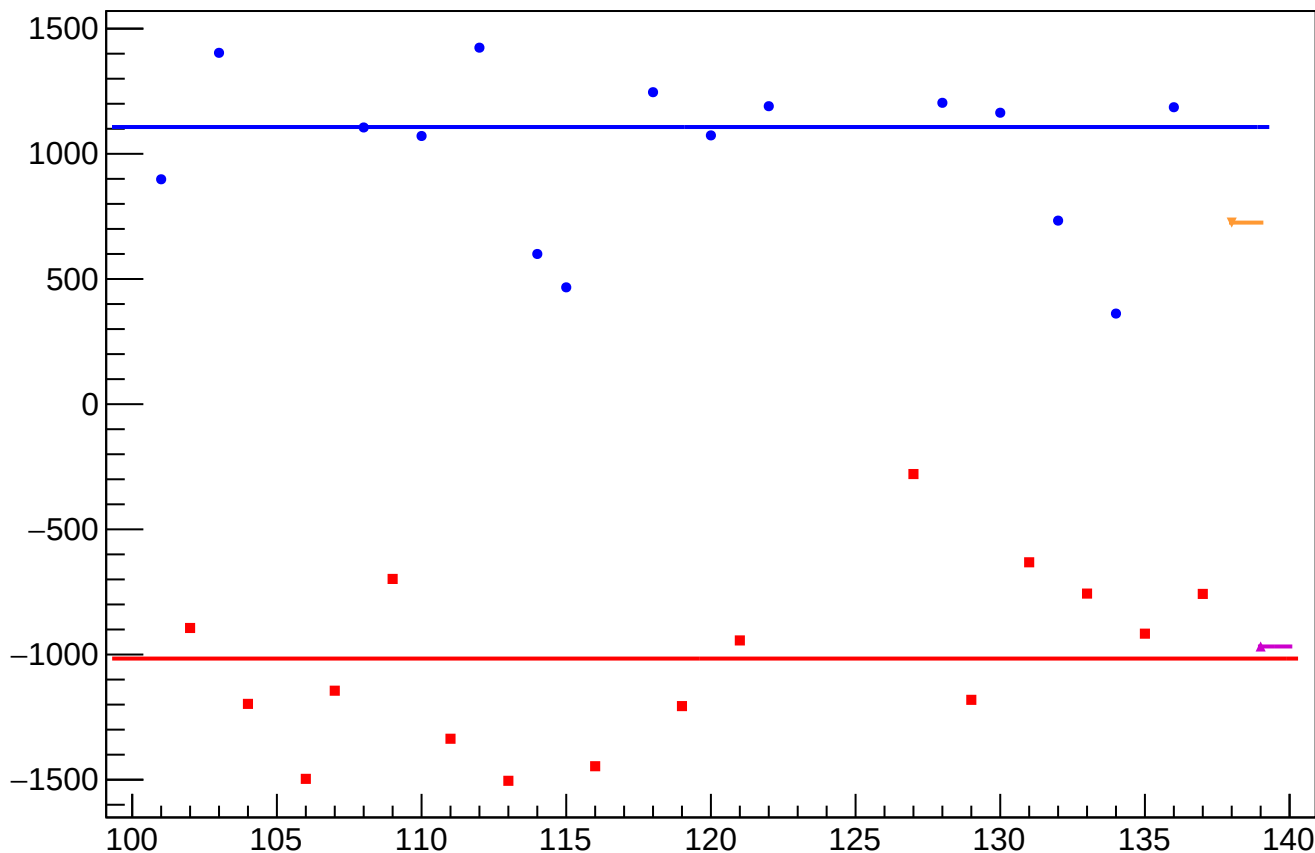
All: 17.332+/-0.000 χ^2/NDF : 2456973998318

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



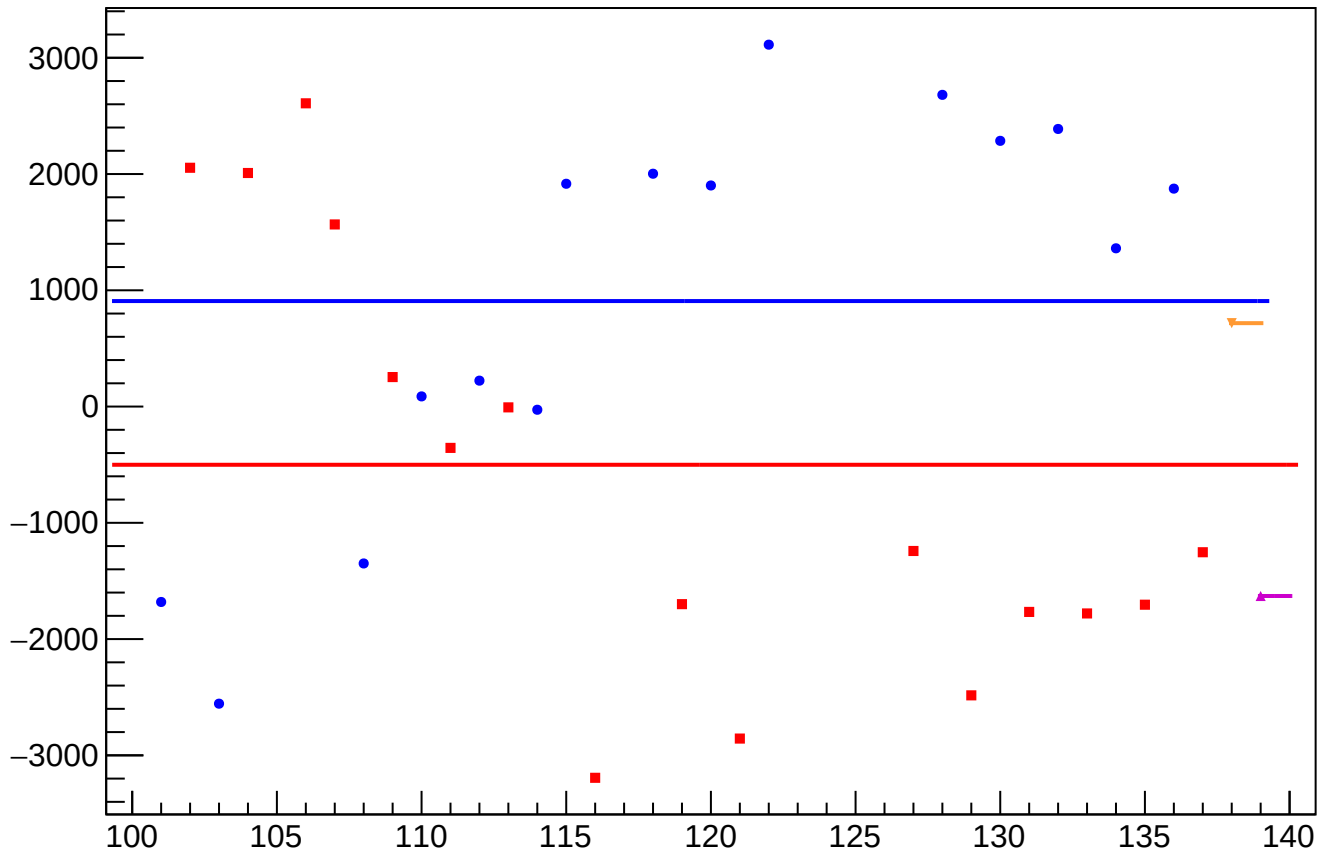
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 182.219+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: -196.987+/-0.000 χ^2/NDF : 0.0/0
 In: 130.455+/-0.000 χ^2/NDF : 15889603894630739
 Out: -120.583+/-0.000 χ^2/NDF : 136687690062297
 All: 3.660+/-0.000 χ^2/NDF : 52794726202630

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: -967.815+/-0.000 χ^2/NDF : 0.0/0
 In: 876.827+/-0.000 χ^2/NDF : 35065222959884468
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

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: -1629.358+/-0.000

χ^2/NDF : 4187601.9/0

Left: -478.122+/-0.000 χ^2/NDF : 218834831544164

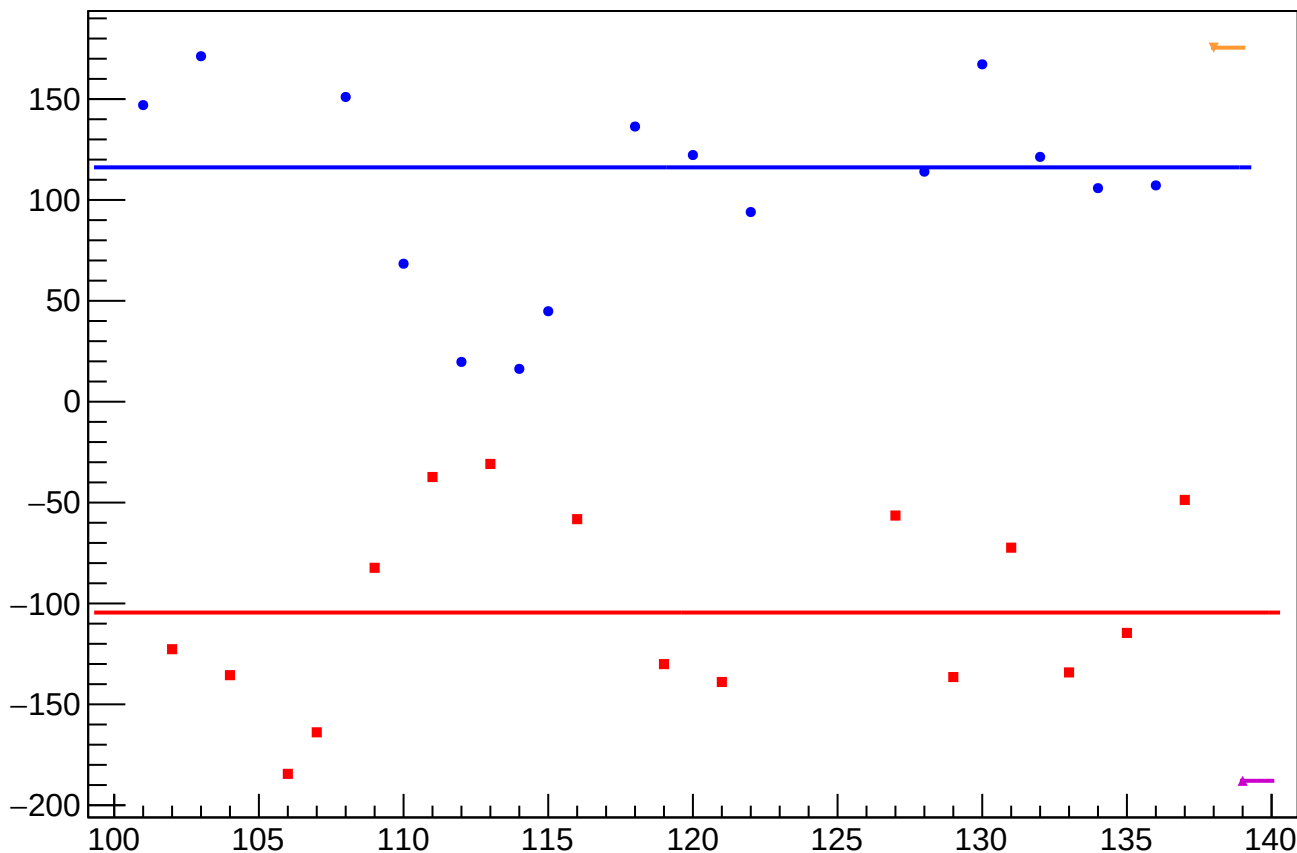
Right: 193.746+/-0.000 χ^2/NDF : 483370034209518

In: 625.961+/-0.000 χ^2/NDF : 2570662708990183

Out: -373.158+/-0.000 χ^2/NDF : 217784655619018

All: 121.321+/-0.000 χ^2/NDF : 511657188678

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 116.159+/-0.000

χ^2/NDF : 1198526427485199785396504127288115200.0/14

Left: -9.638+/-0.000 χ^2/NDF : 52467788318604977

Right: 4.320+/-0.000 χ^2/NDF : 18500756430901072

Left Out: 175.478+/-0.000

χ^2/NDF : 0.0/0

Right Out: -104.501+/-0.000

χ^2/NDF : 1285986383644058507445602420764180480.0/15

In: 82.421+/-0.000 χ^2/NDF : 785607905087701911

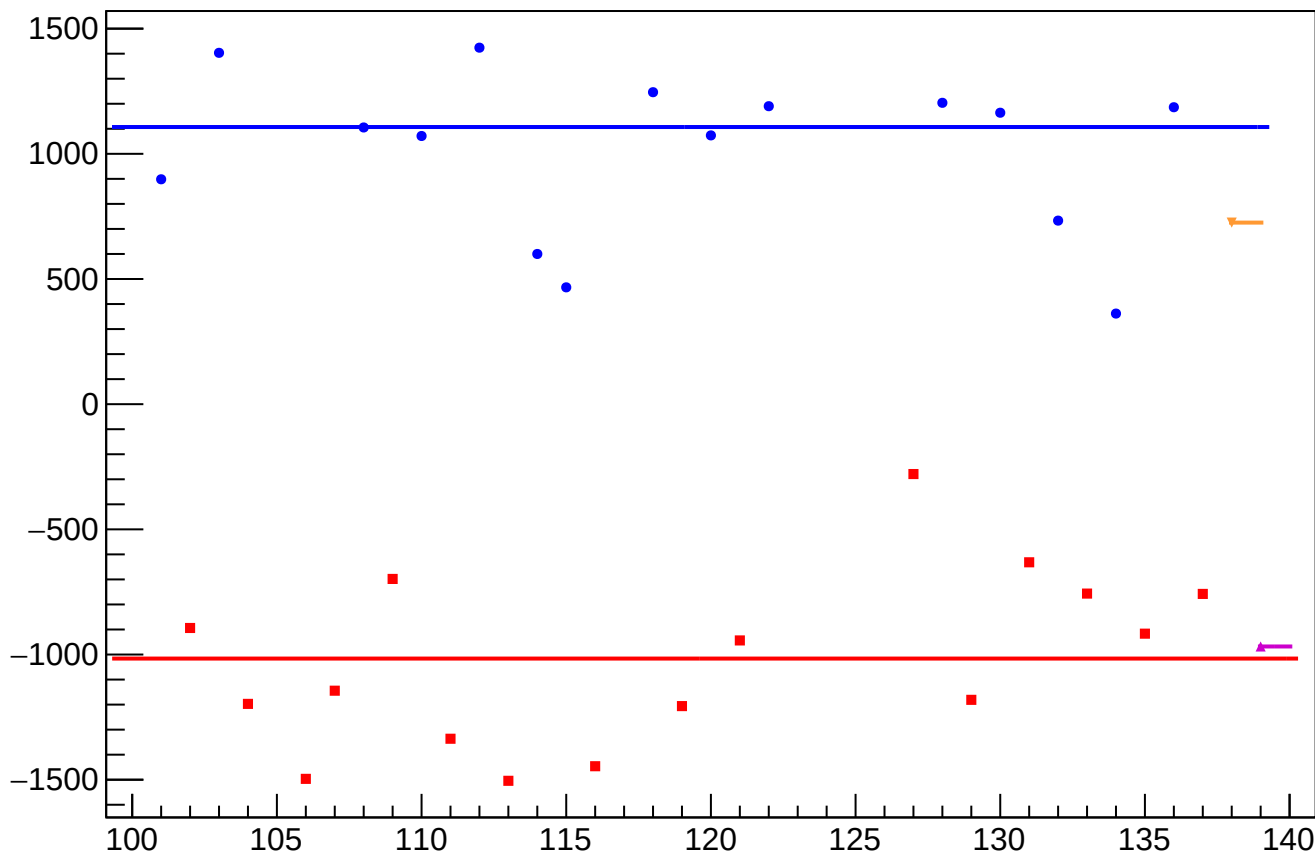
Out: -75.187+/-0.000 χ^2/NDF : 6760098722373470

Left In: -187.897+/-0.000

χ^2/NDF : 0.0/0

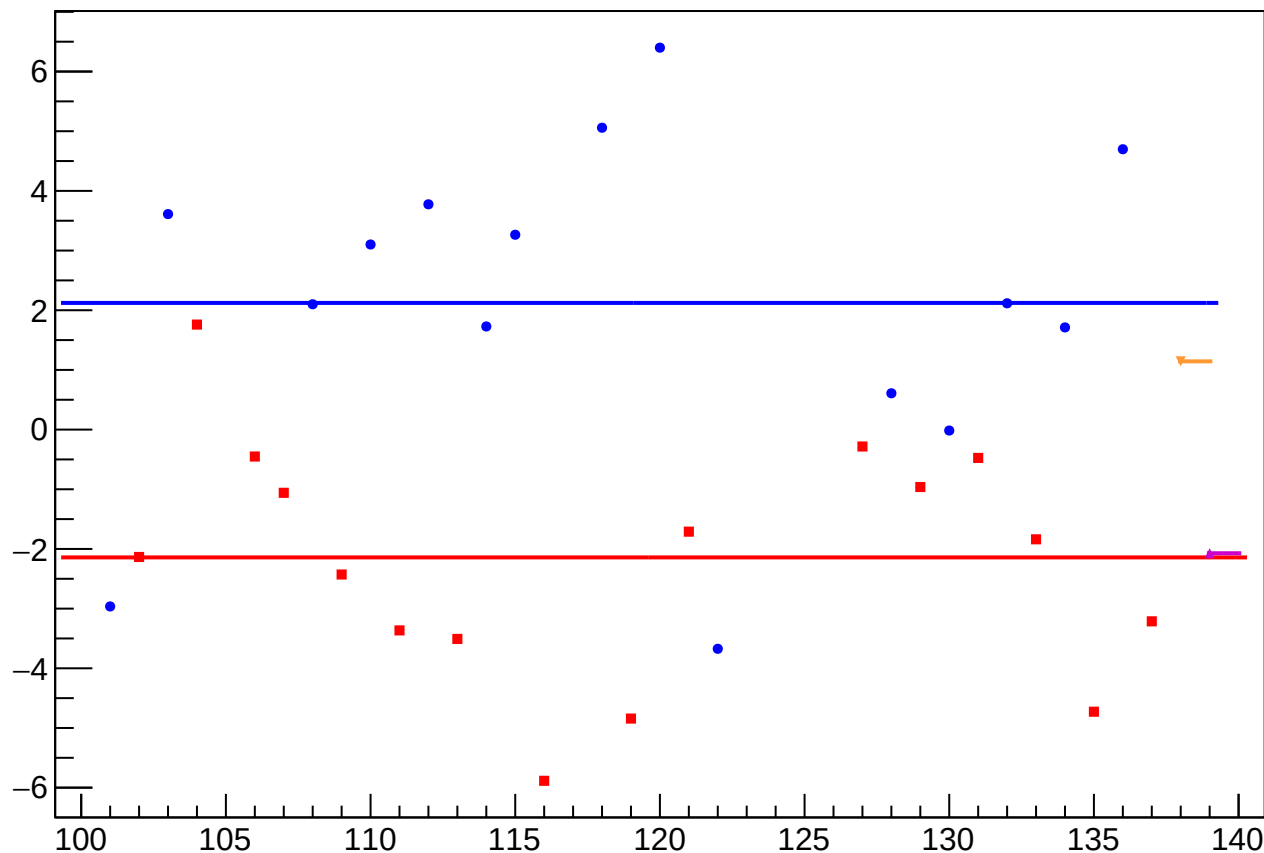
All: 2.816+/-0.000 χ^2/NDF : 23775172605875

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left: -137.239+/-0.000 χ^2/NDF : 113905870901144
 Left Out: 725.282+/-0.000 χ^2/NDF : 0.0/0
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 In: 876.827+/-0.000 χ^2/NDF : 3506522295988446
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -833.787+/-0.000 χ^2/NDF : 284333310162130
 Left In: -967.815+/-0.000 χ^2/NDF : 0.0/0
 All: 12.822+/-0.000 χ^2/NDF : 1713910259904

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 2.123+/-0.000

χ^2/NDF : 5263705922821075971022013849403392.0/14

Left Out: 1.143+/-0.000

χ^2/NDF : 0.0/0

Right Out: -2.142+/-0.000

χ^2/NDF : 2472949940993672466161692257026048.0/15

Left In: -2.072+/-0.000

χ^2/NDF : 0.0/0

Left: -0.495+/-0.000 χ^2/NDF : 41083879348741115

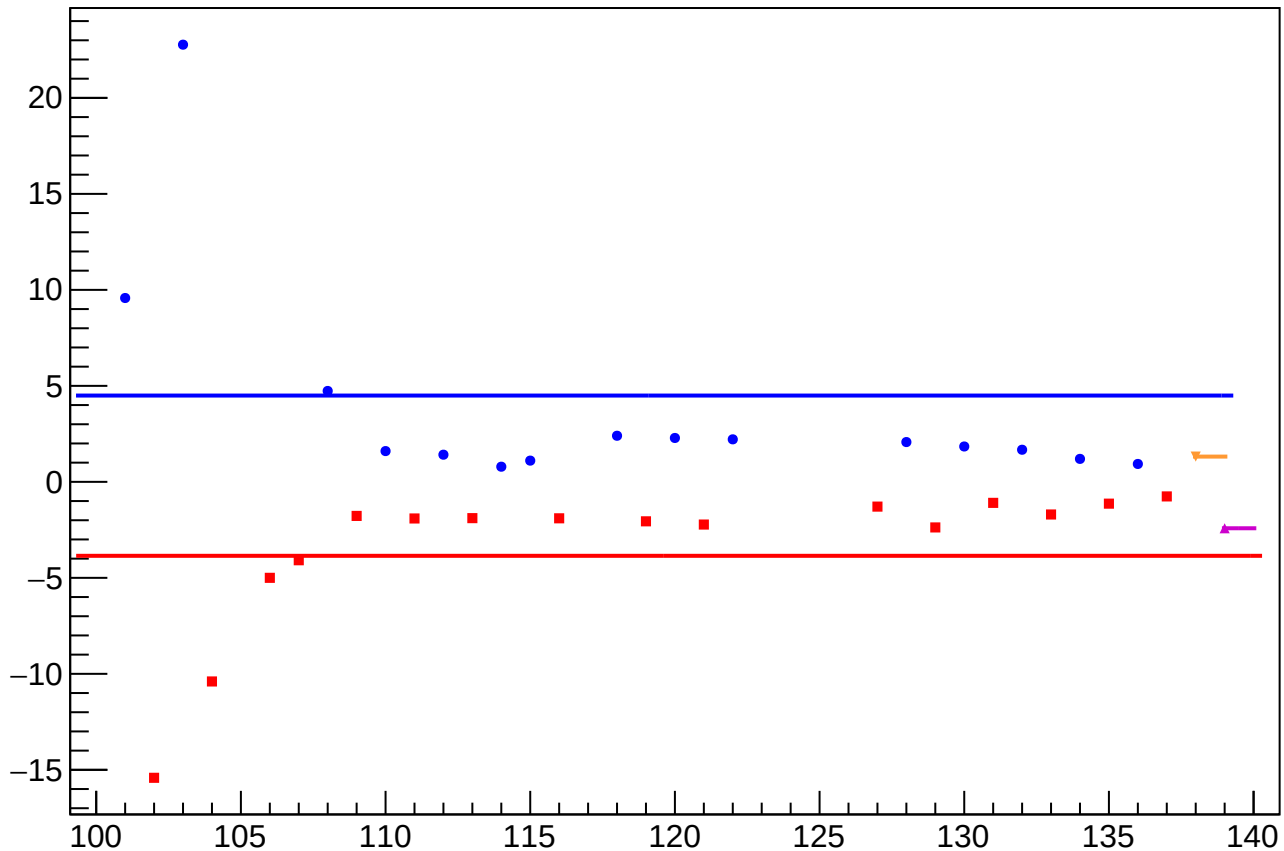
Right: -0.039+/-0.000 χ^2/NDF : 1371901956190569

In: 1.657+/-0.000 χ^2/NDF : 6530973443297158820

Out: -1.798+/-0.000 χ^2/NDF : 32265807516059100

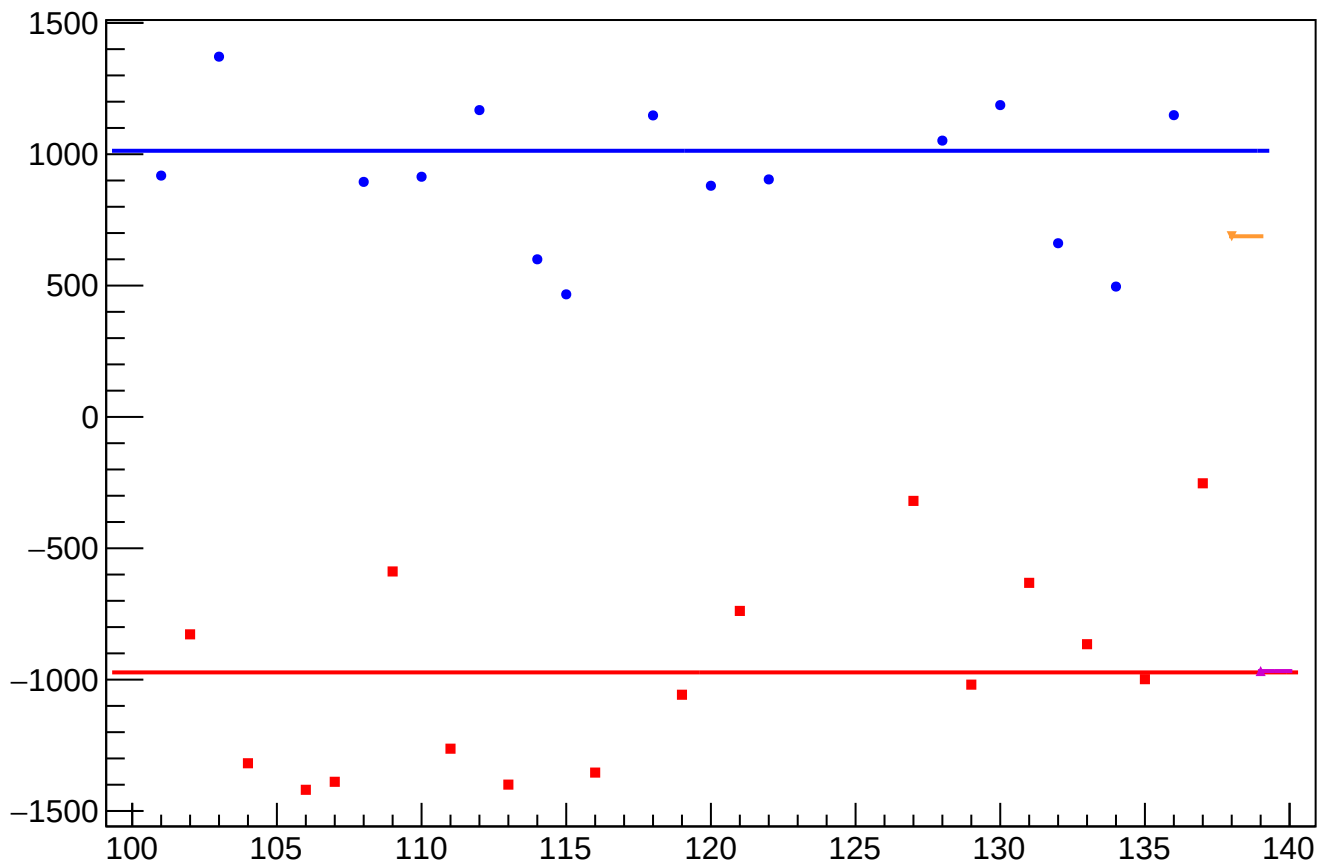
All: -0.088+/-0.000 χ^2/NDF : 1415937155990

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: -2.418+/-0.000 χ^2/NDF : 0.0/0
 All: 0.173+/-0.000 χ^2/NDF : 61162233705850

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: -967.259+/-0.000

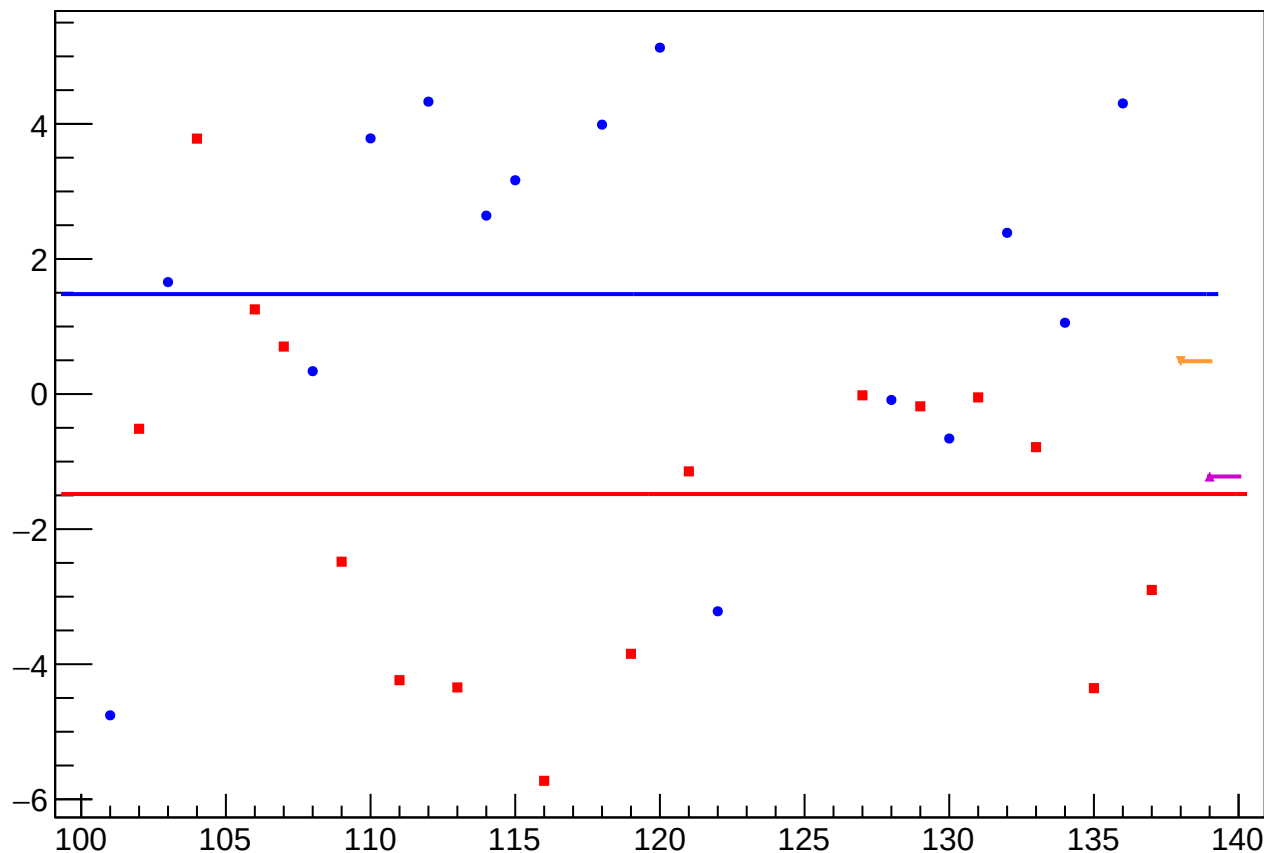
χ^2/NDF : 0.0/0

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

All: -10.717+/-0.000 χ^2/NDF : 152005958085

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: -1.221+/-0.000

χ^2/NDF : 0.0/0

Left: -0.383+/-0.000 χ^2/NDF : 11581730320369235

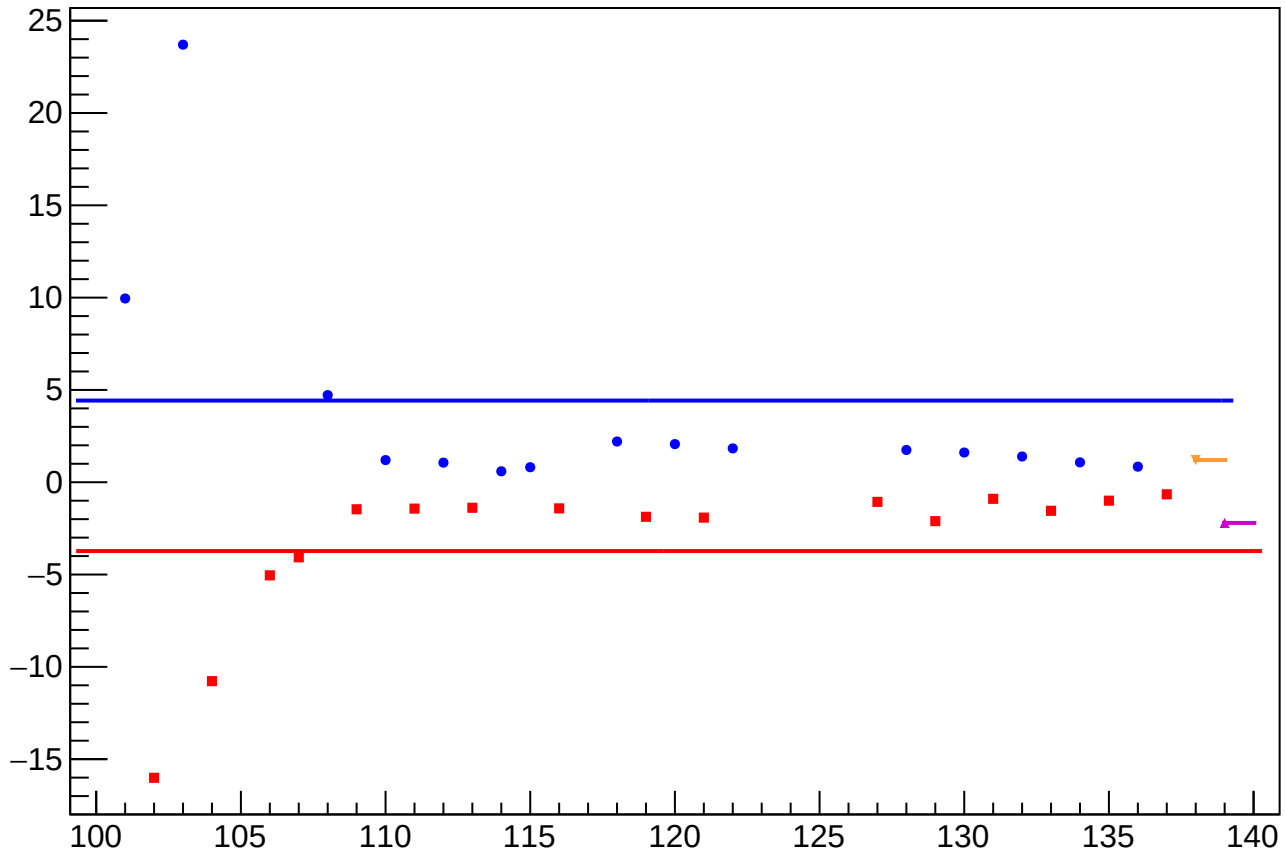
Right: -0.020+/-0.000 χ^2/NDF : 1277469544314031

In: 1.180+/-0.000 χ^2/NDF : 6324853194073181334

Out: -1.274+/-0.000 χ^2/NDF : 43628043894164133

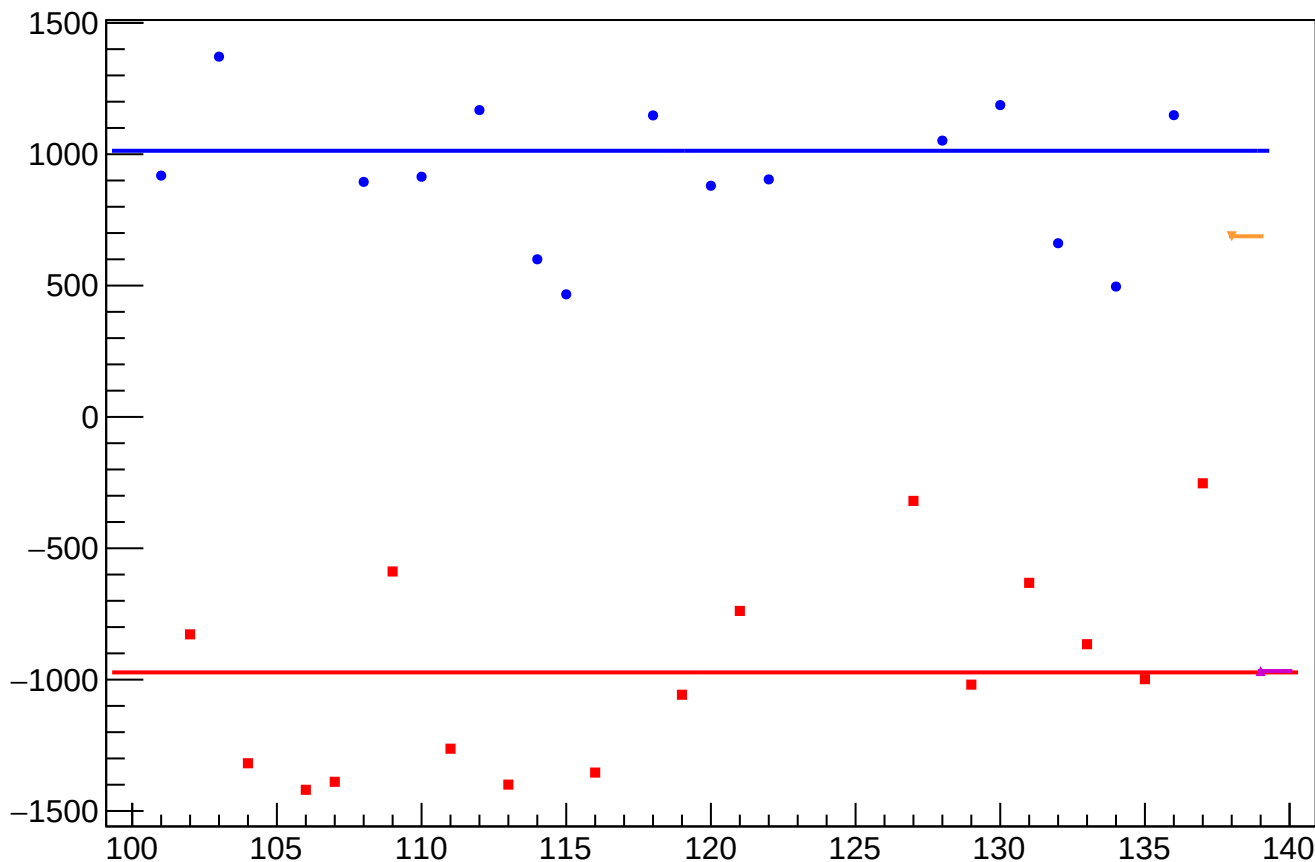
All: -0.059+/-0.000 χ^2/NDF : 1290917427551

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: -2.204+/-0.000 χ^2/NDF : 0.0/0
 In: 3.689+/-0.000 χ^2/NDF : 3142158207960309968.0/14
 Out: -3.211+/-0.000 χ^2/NDF : 15689208241295182.0/14
 All: 0.204+/-0.000 χ^2/NDF : 64664472680406.0/14

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

Left: -155.384+/-0.000 χ^2/NDF : 108834486247056

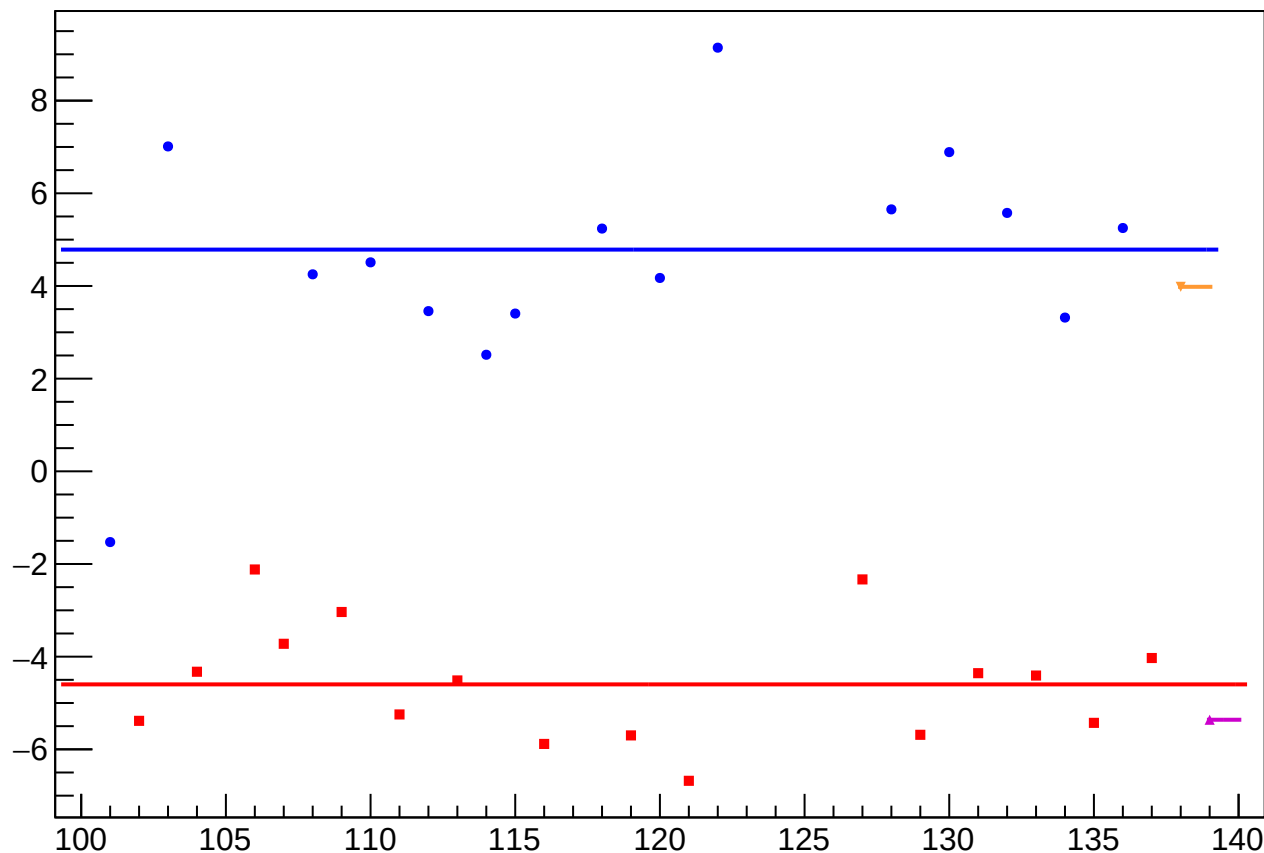
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

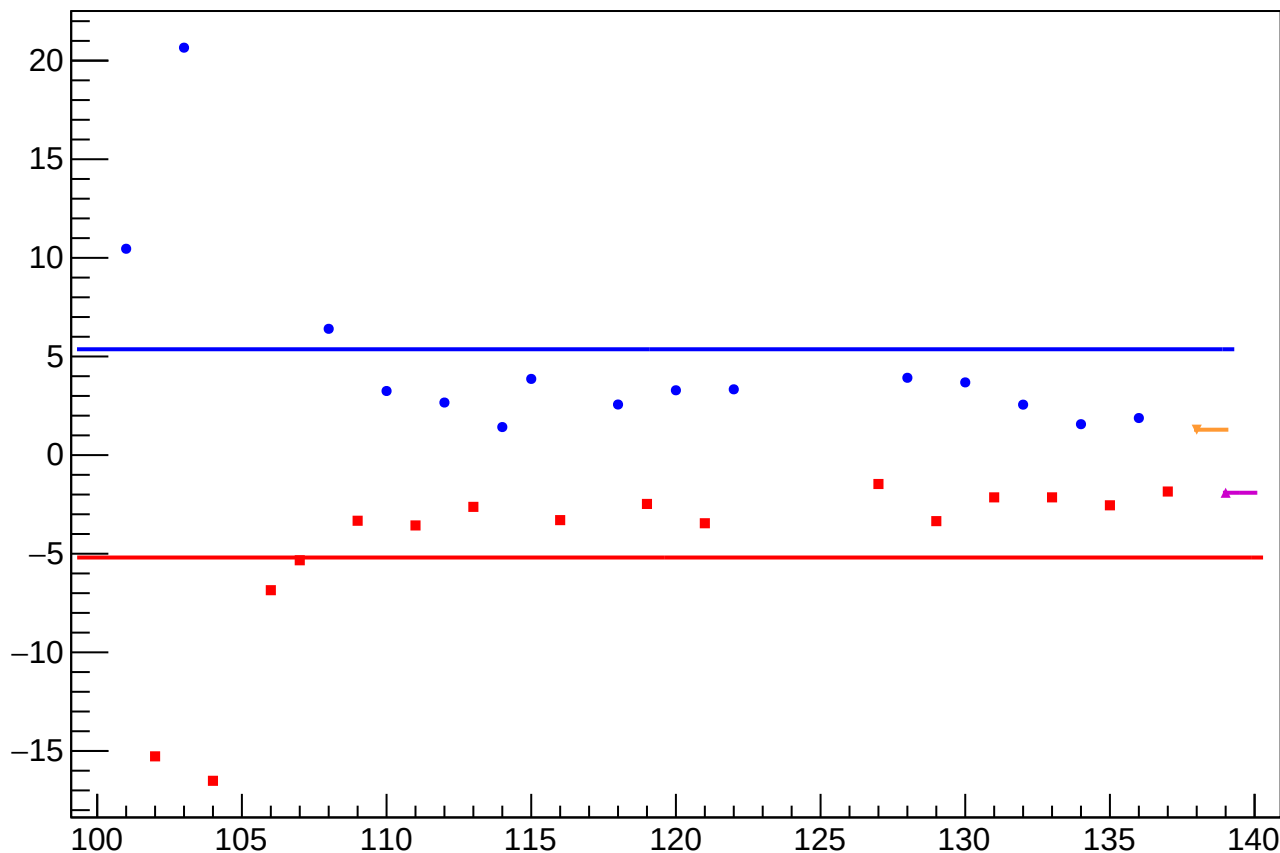
All: -10.717+/-0.000 χ^2/NDF : 152005958085

dit_11X12X_coil6_mean vs Slug, Sign Corrected



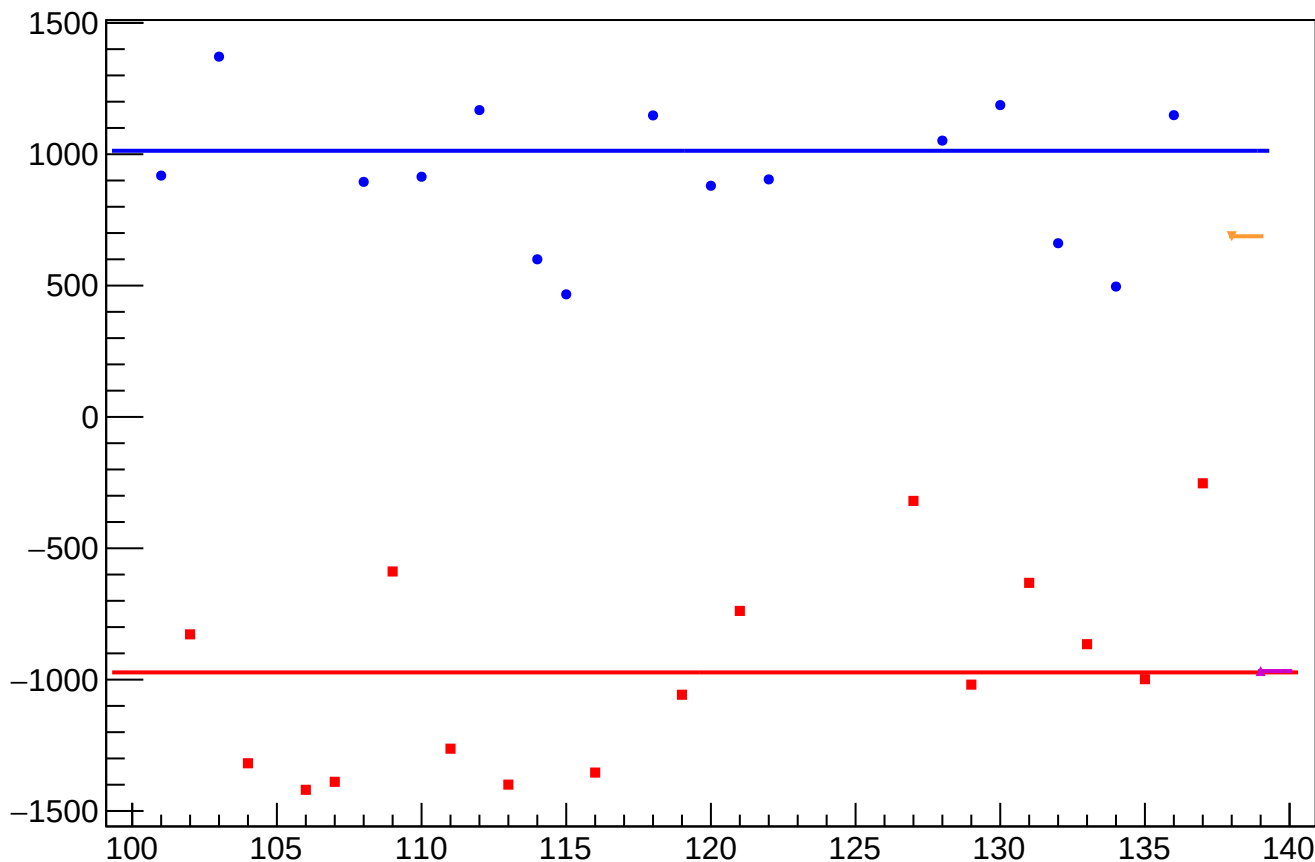
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14
 Left Out: 3.982+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15
 Left In: -5.362+/-0.000 χ^2/NDF : 0.0/0
 In: 3.659+/-0.000 χ^2/NDF : 114104844339572575
 Out: -3.700+/-0.000 χ^2/NDF : 61308496420552172
 All: -0.058+/-0.000 χ^2/NDF : 3750996264478

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 5.366 ± 0.000	$\chi^2/\text{NDF}: 18780724722063497096153009301225472.0/14$	Left: -0.340 ± 0.000	$\chi^2/\text{NDF}: 40608430861883402$
Left Out: 1.288 ± 0.000	$\chi^2/\text{NDF}: 0.0/0$	Right: 0.015 ± 0.000	$\chi^2/\text{NDF}: 71199413844226553$
Right Out: -5.192 ± 0.000	$\chi^2/\text{NDF}: 15749573754945345754432436952891392.0/15$	In: 4.559 ± 0.000	$\chi^2/\text{NDF}: 2259167621263026396$
Left In: -1.909 ± 0.000	$\chi^2/\text{NDF}: 0.0/0$	Out: -4.514 ± 0.000	$\chi^2/\text{NDF}: 18682287157530426$
		All: -0.024 ± 0.000	$\chi^2/\text{NDF}: 7162338411924$

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

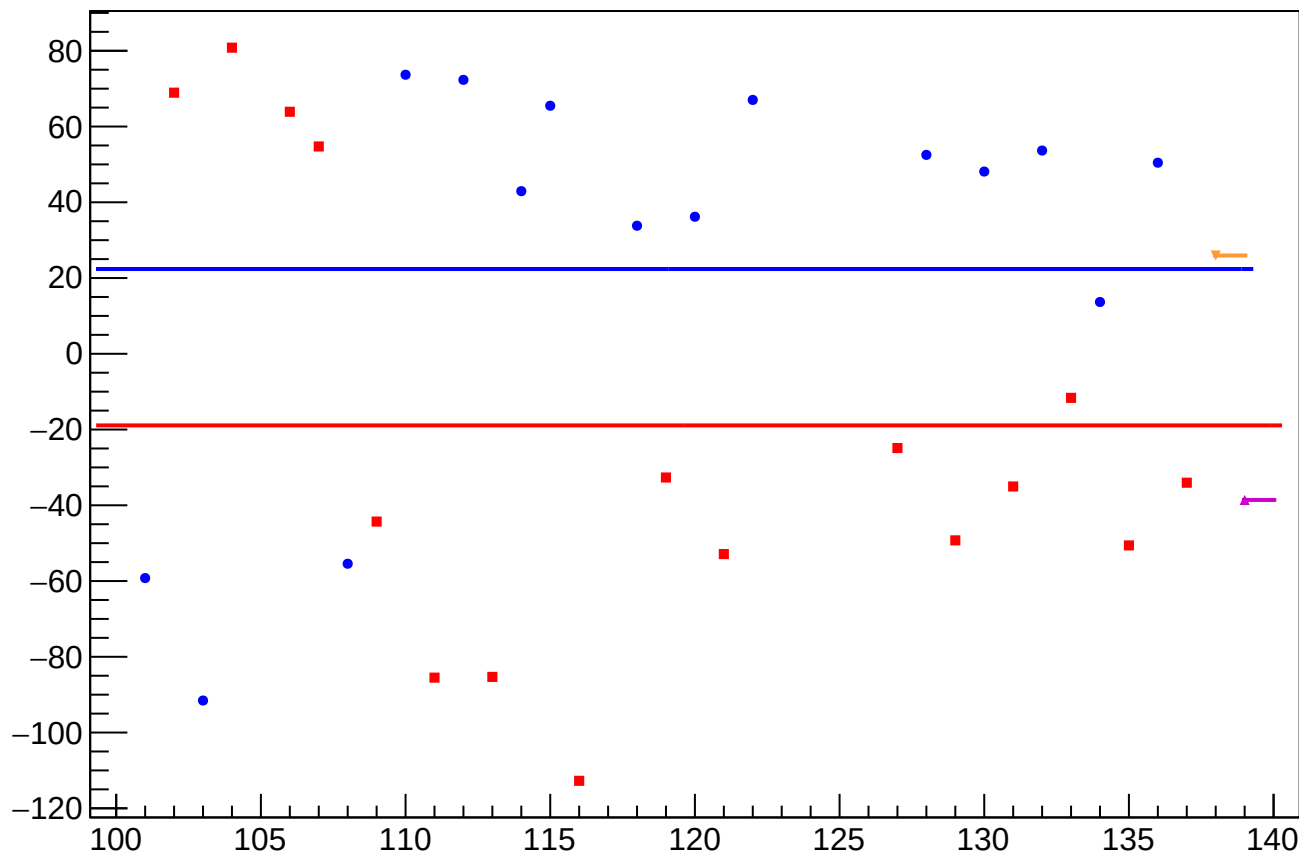
Out: -798.647+/-0.000

χ^2/NDF : 271360171639576

All: -10.717+/-0.000

χ^2/NDF : 152005958085

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

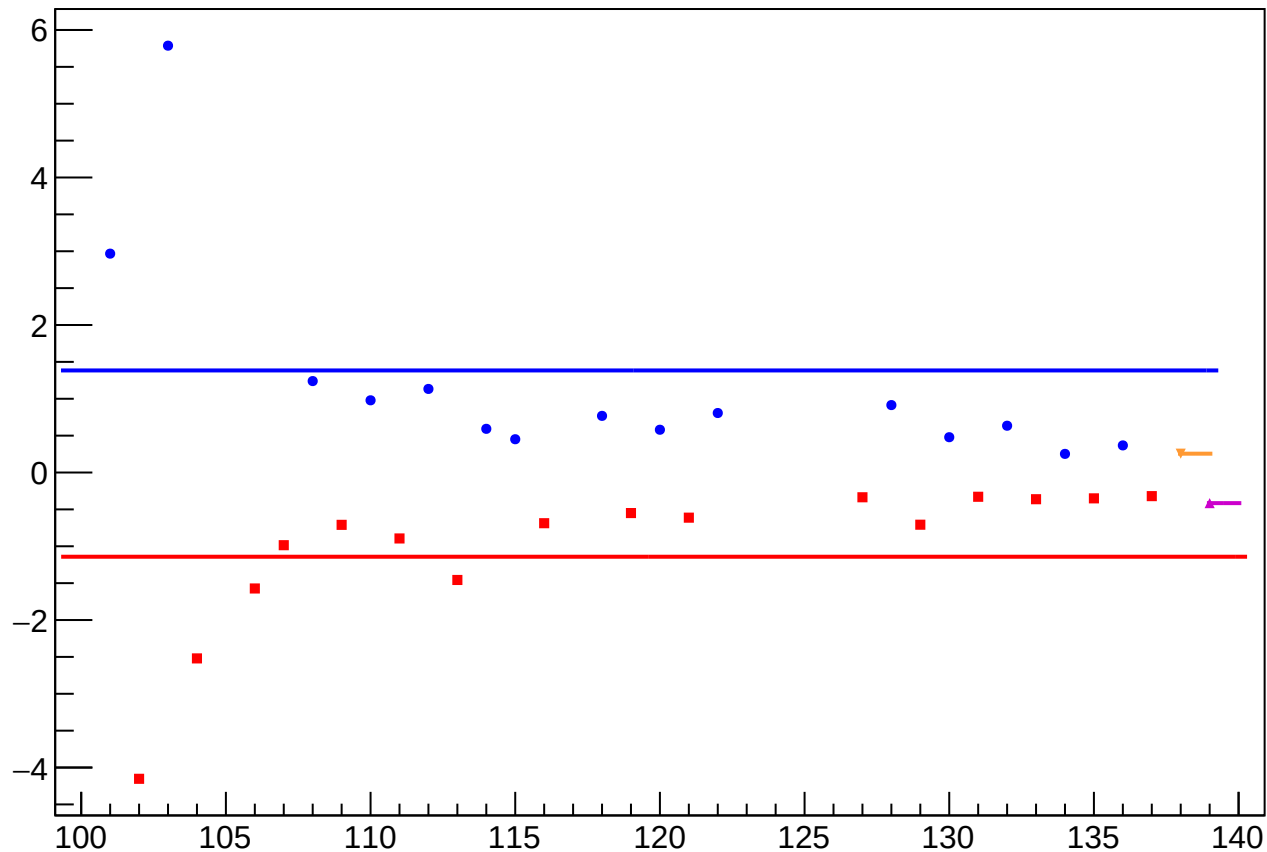
χ^2/NDF : 2182221808408156293593993992757837824.0/15

Left In: -38.589+/-0.000

χ^2/NDF : 0.0/0

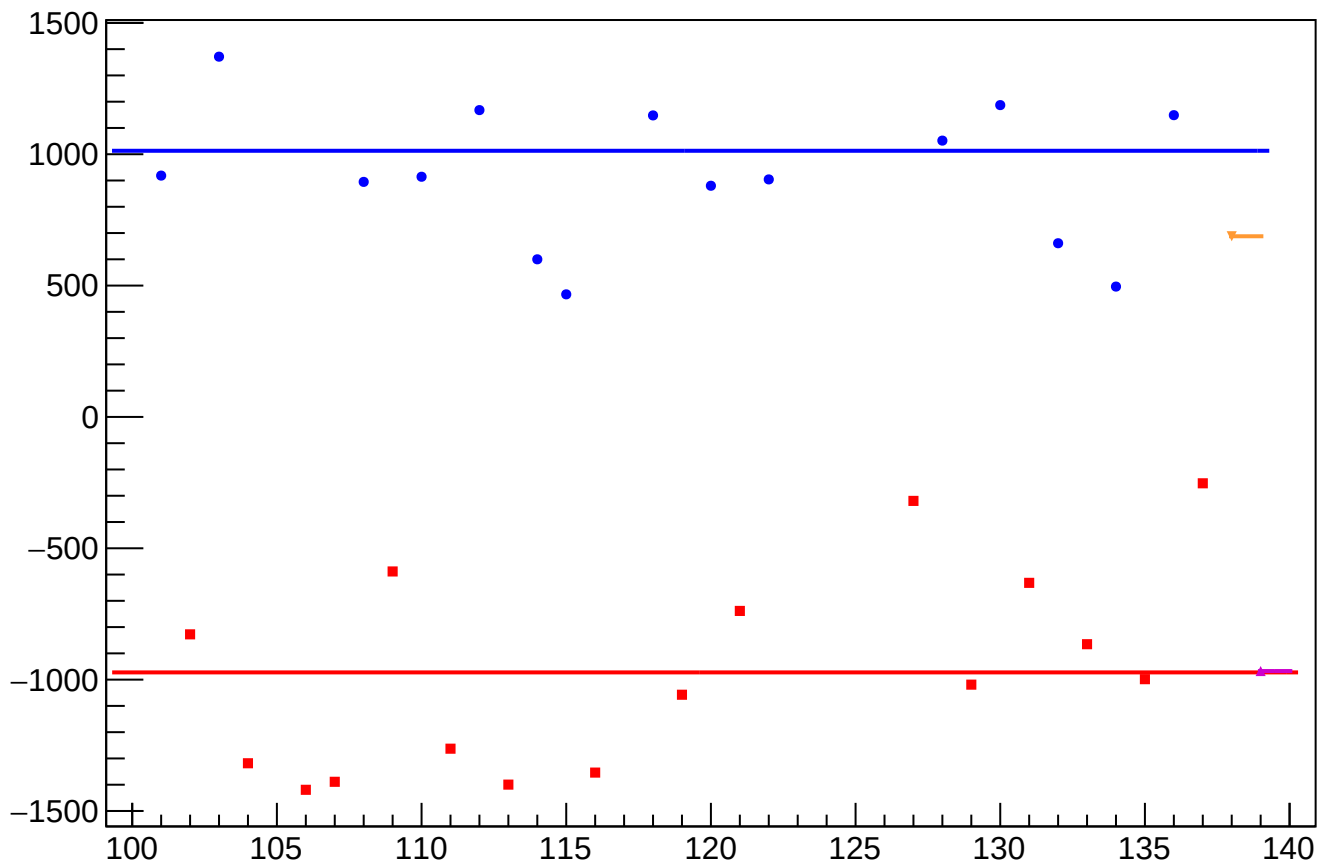
Left: -6.925+/-0.000 χ^2/NDF : 16554602973406696
 Right: 1.456+/-0.000 χ^2/NDF : 46653243676344267
 In: 15.619+/-0.000 χ^2/NDF : 218999000013184587
 Out: -14.210+/-0.000 χ^2/NDF : 2322778591023381
 All: 0.553+/-0.000 χ^2/NDF : 48408365625162

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: -0.415+/-0.000 χ^2/NDF :0.0/0
 In: 1.184+/-0.000 χ^2/NDF :1804222759617123362
 Out: -0.996+/-0.000 χ^2/NDF :94700615536576984
 All: 0.083+/-0.000 χ^2/NDF : 45032755822904

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

Left: -155.384+/-0.000 χ^2/NDF : 108834486247056

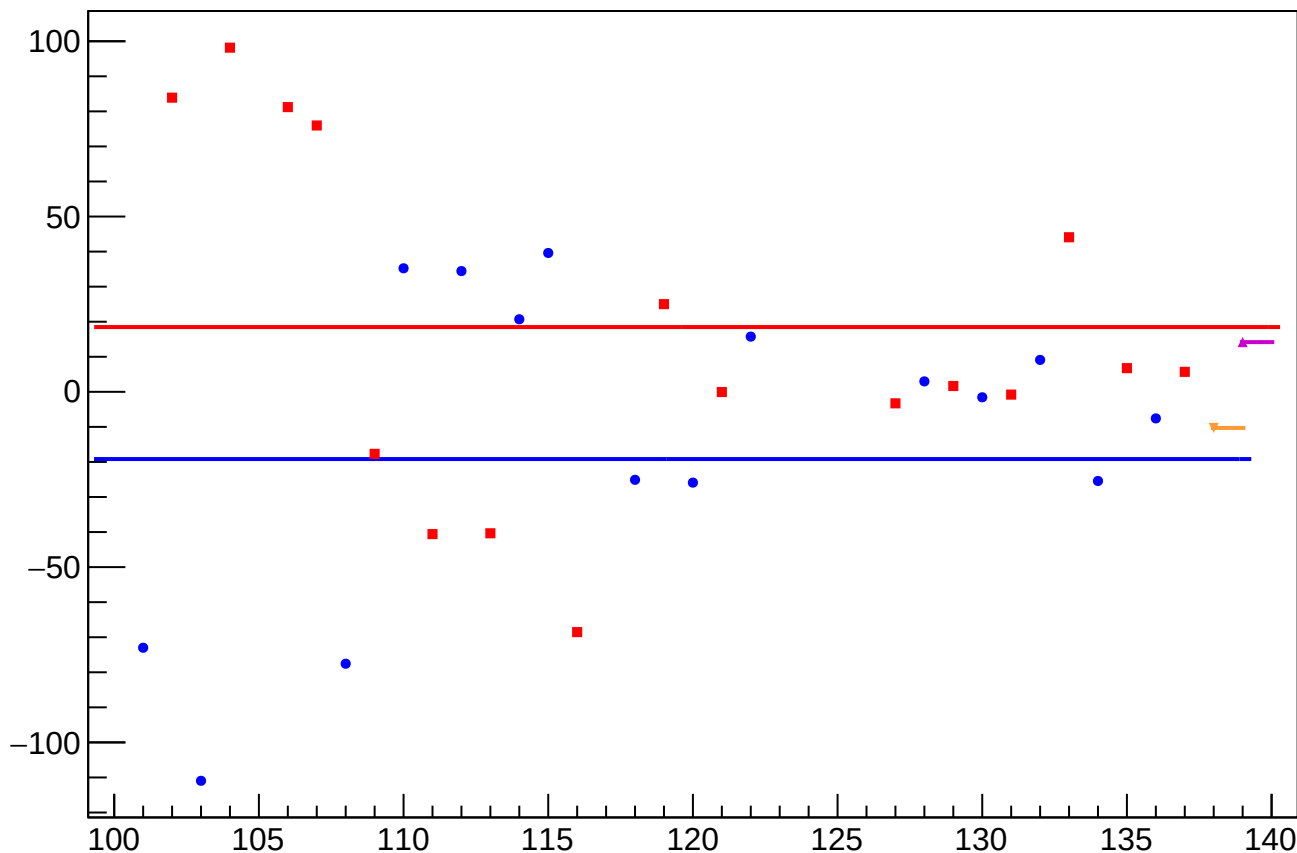
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

All: -10.717+/-0.000 χ^2/NDF : 152005958085

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: 14.182+/-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: 2.173+/-0.000 χ^2/NDF : 238128833505413227

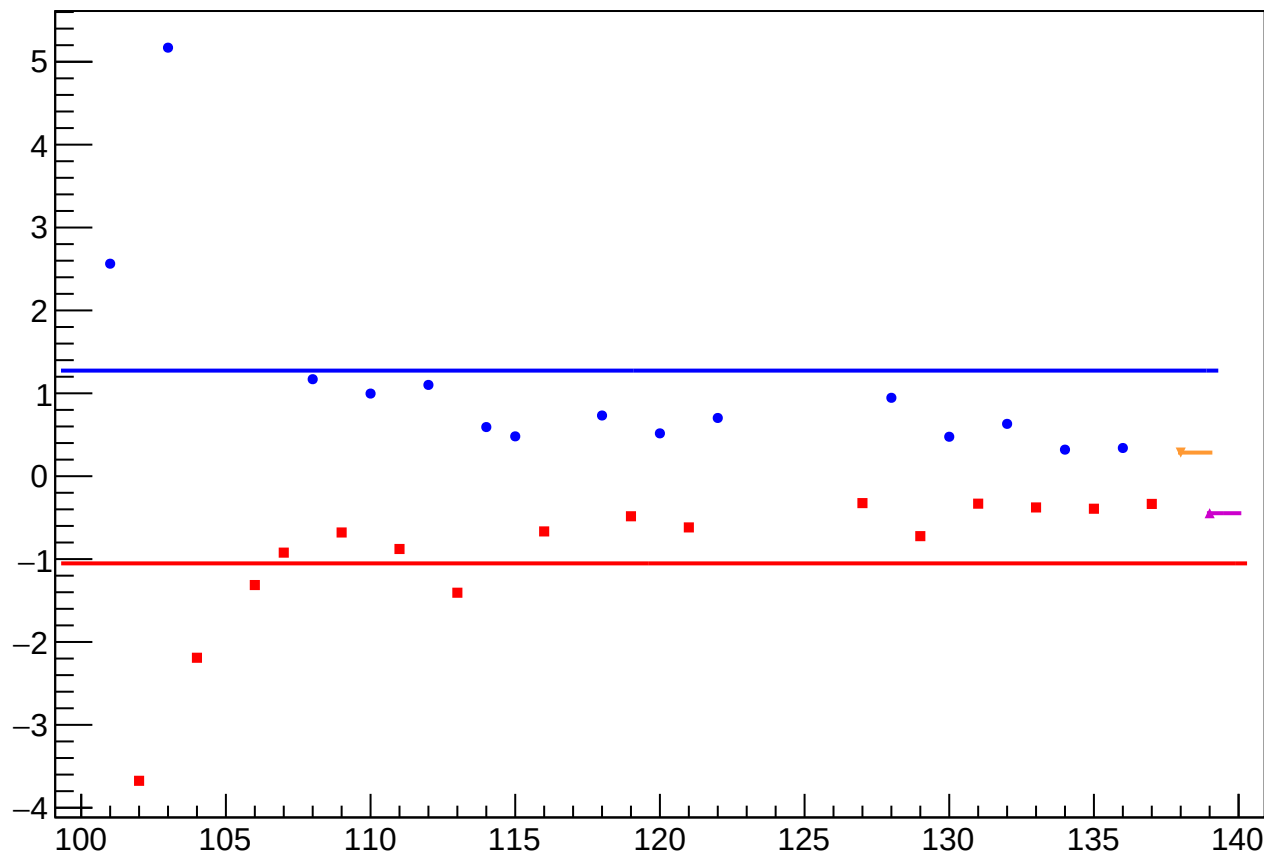
Right: -0.091+/-0.000 χ^2/NDF : 3202145485356183

In: -15.474+/-0.000 χ^2/NDF : 13264926766036096

Out: 15.466+/-0.000 χ^2/NDF : 15472295861298689

All: 0.153+/-0.000 χ^2/NDF : 32266850812147

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: -0.447+/-0.000

χ^2/NDF : 0.0/0

Left: -0.088+/-0.000 χ^2/NDF : 21262313808168821

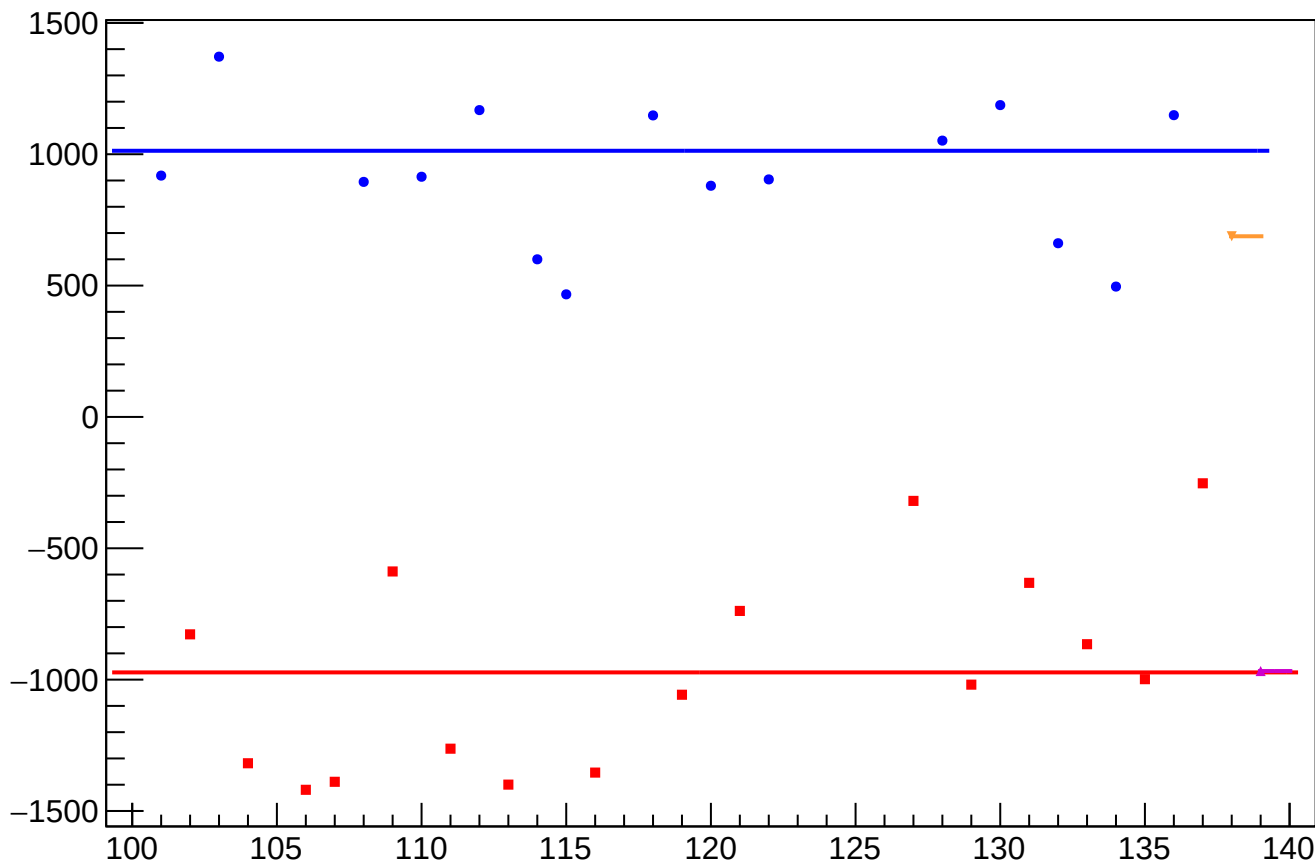
Right: 0.095+/-0.000 χ^2/NDF : 35987328310324682

In: 1.083+/-0.000 χ^2/NDF : 1425212315106552068

Out: -0.912+/-0.000 χ^2/NDF : 73211077805912582

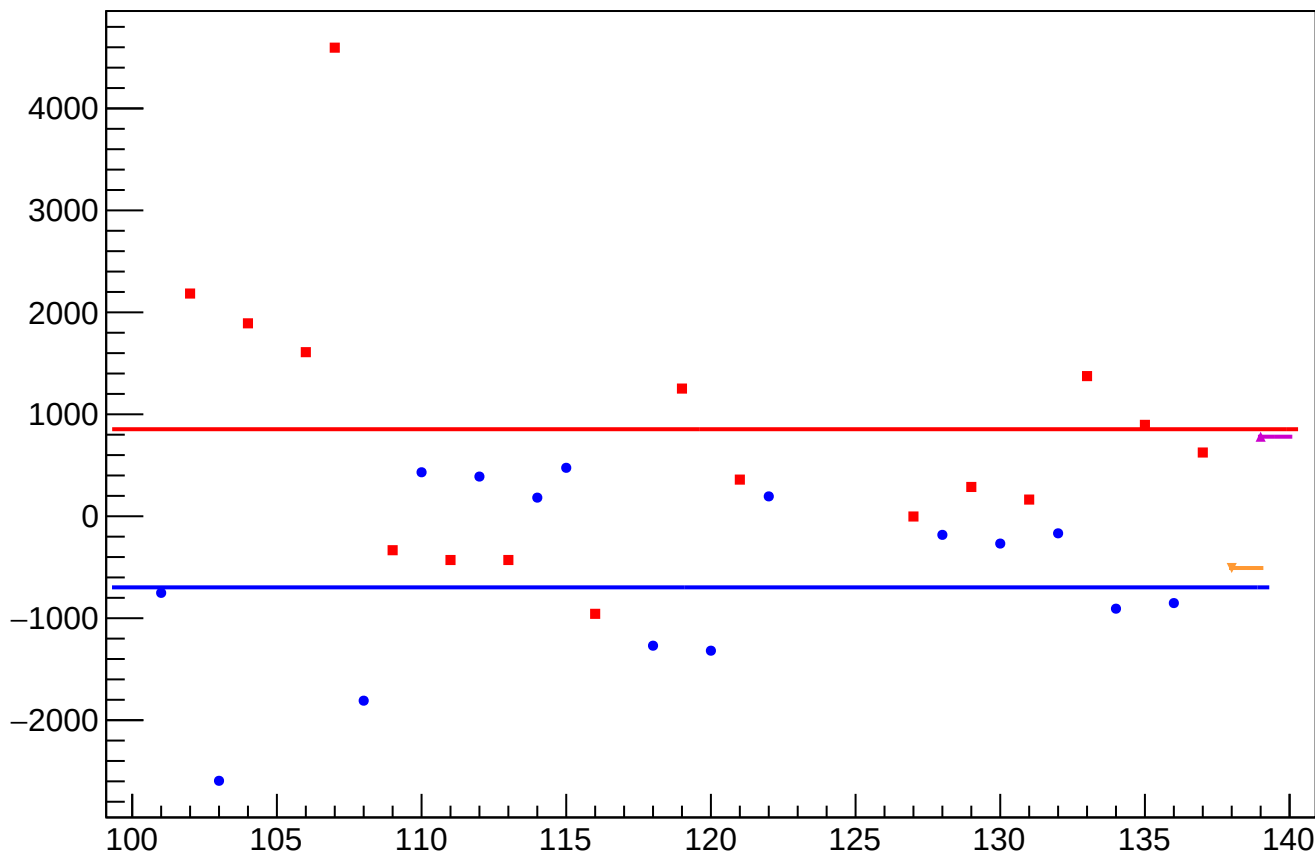
All: 0.075+/-0.000 χ^2/NDF : 36247384911799

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



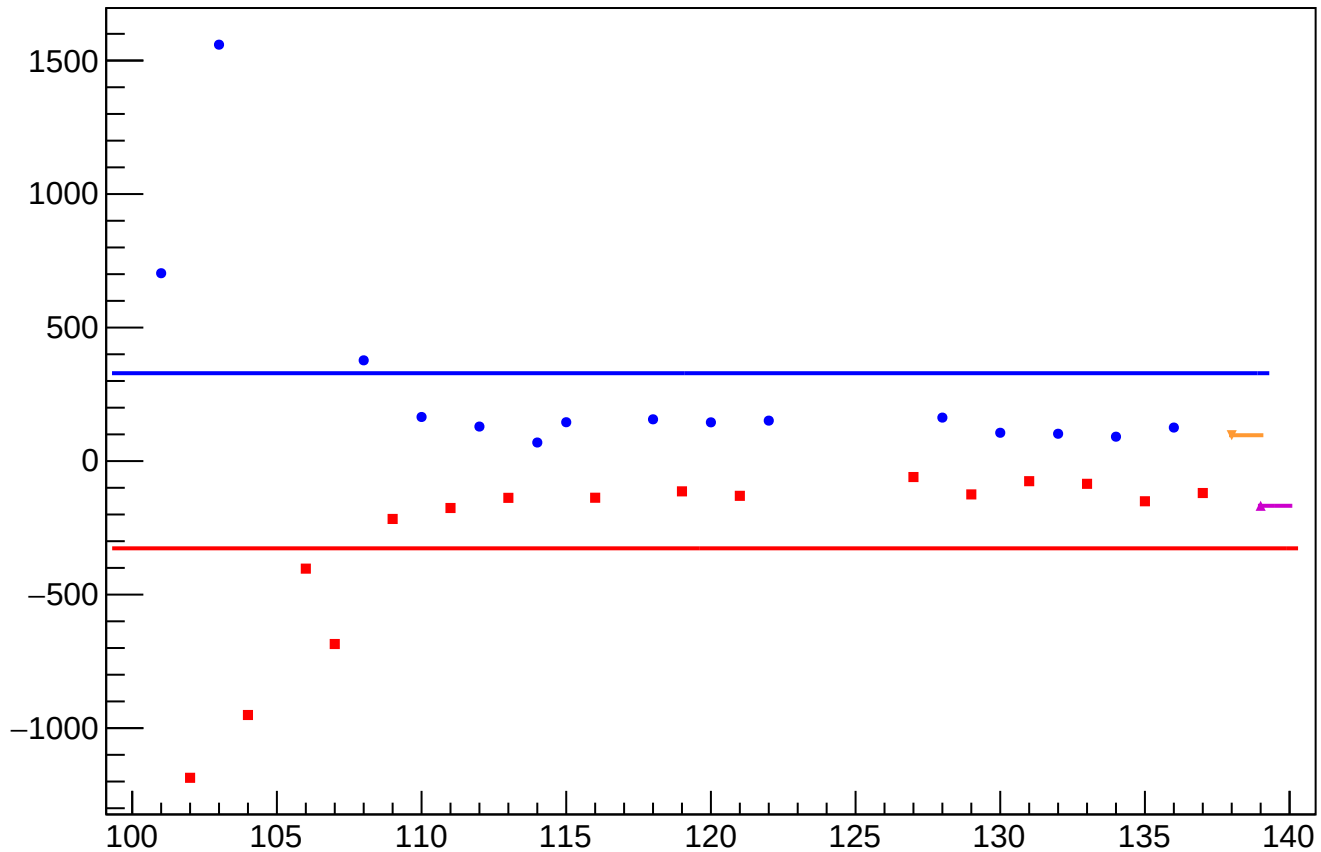
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 687.718 $\pm$ 0.000 χ^2 /NDF:1008126.4/0
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -967.259 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -10.717 $\pm$ 0.000 χ^2 /NDF: 152005958085

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: -697.283 ± 0.000 $\chi^2/\text{NDF}: 490435790698133828475769692944364208128.0/14$
 Left Out: -507.560 ± 0.000 $\chi^2/\text{NDF}: 252031.6/0$
 Right Out: 853.734 ± 0.000 $\chi^2/\text{NDF}: 1078379020126412317155932275156201766912.0/15$
 Left In: 780.310 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 95.267 ± 0.000 $\chi^2/\text{NDF}: 2426537485764$

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 329.108+/-0.000

χ^2/NDF : 1168638207005

Left: -37.757+/-0.000 χ^2/NDF : 2774648126761506

Right: -3.278+/-0.000 χ^2/NDF : 3459018192319126

Left Out: 96.861+/-0.000

χ^2/NDF : 0.0/0

Right Out: -326.695+/-0.000

χ^2/NDF : 87569123354318020688611028415151079424.0/15

In: 274.017+/-0.000 χ^2/NDF : 13461545013809376

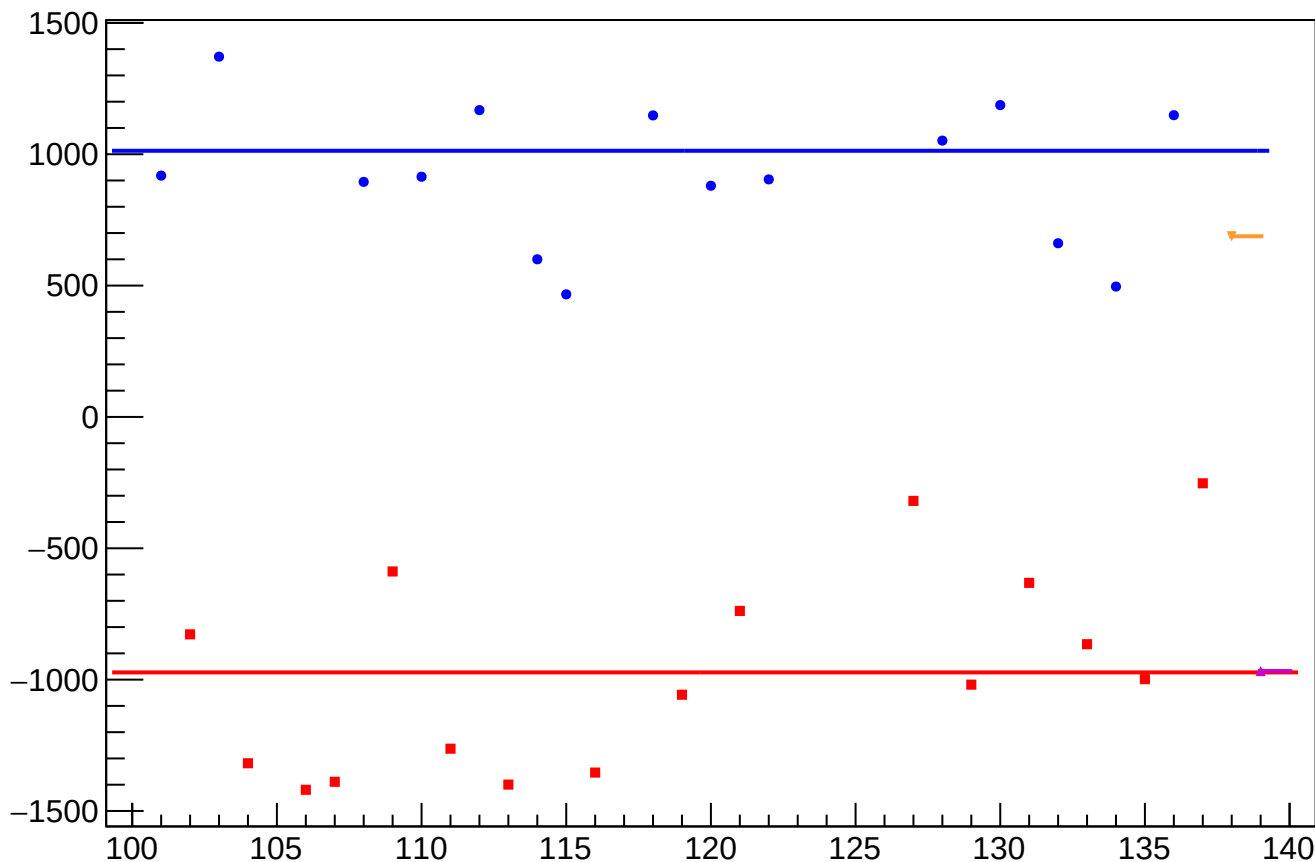
Out: -282.349+/-0.000 χ^2/NDF : 100097198990545

Left In: -167.388+/-0.000

χ^2/NDF : 0.0/0

All: -6.995+/-0.000 χ^2/NDF : 3488451038809

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

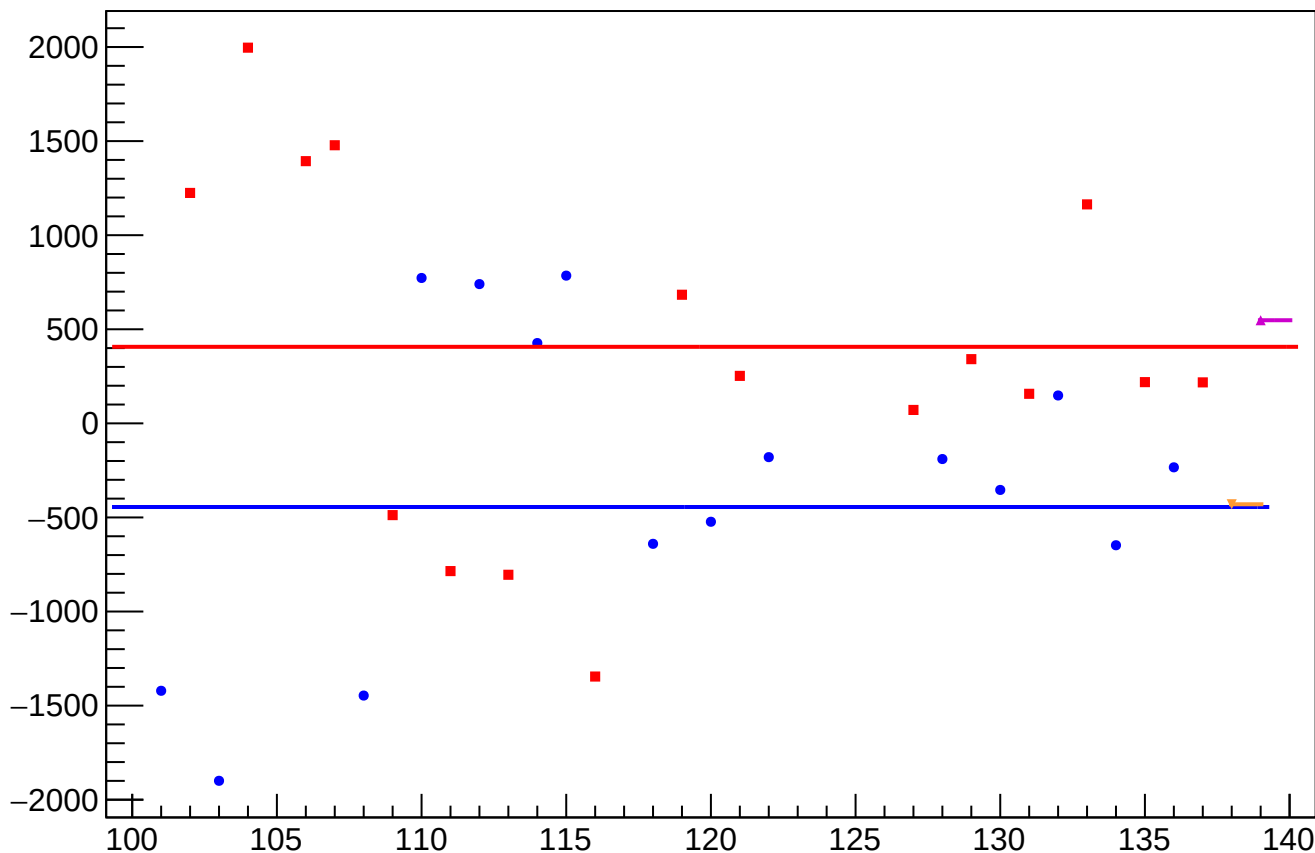
Out: -798.647+/-0.000

χ^2/NDF : 271360171639576

All: -10.717+/-0.000

χ^2/NDF : 152005958085

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -444.512+/-0.000

Left Out: -430.018+/-0.000

Right Out: 406.729+/-0.000

Left In: 548.063+/-0.000

χ^2/NDF : 396481903501

χ^2/NDF : 252031.6/0

χ^2/NDF : 529122421866774810012941782239129108480.0/15

χ^2/NDF : 0.0/0

Left: 68.250+/-0.000 χ^2/NDF : 38013025645900480

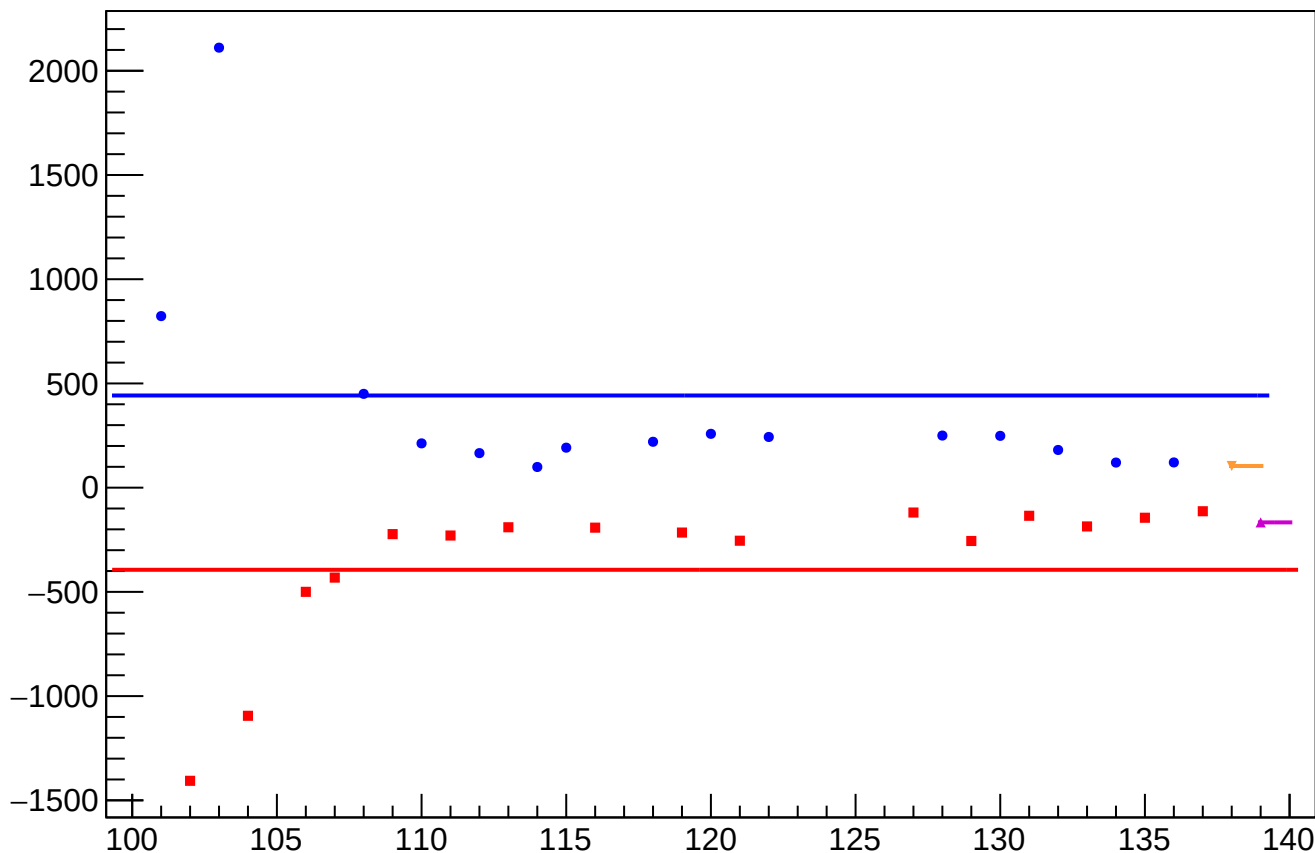
Right: -13.070+/-0.000 χ^2/NDF : 116395703795034

In: -334.377+/-0.000 χ^2/NDF : 4674288508400263

Out: 319.124+/-0.000 χ^2/NDF : 5780161334882768

All: -4.304+/-0.000 χ^2/NDF : 1202908165968

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 442.162+/-0.000

χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 103.941+/-0.000

χ^2/NDF : 0.0/0

Right Out: -394.033+/-0.000

χ^2/NDF : 105882611624182009489804426207740035072.0/15

Left In: -166.620+/-0.000

χ^2/NDF : 0.0/0

In: 374.612+/-0.000

χ^2/NDF : 23070488832953793

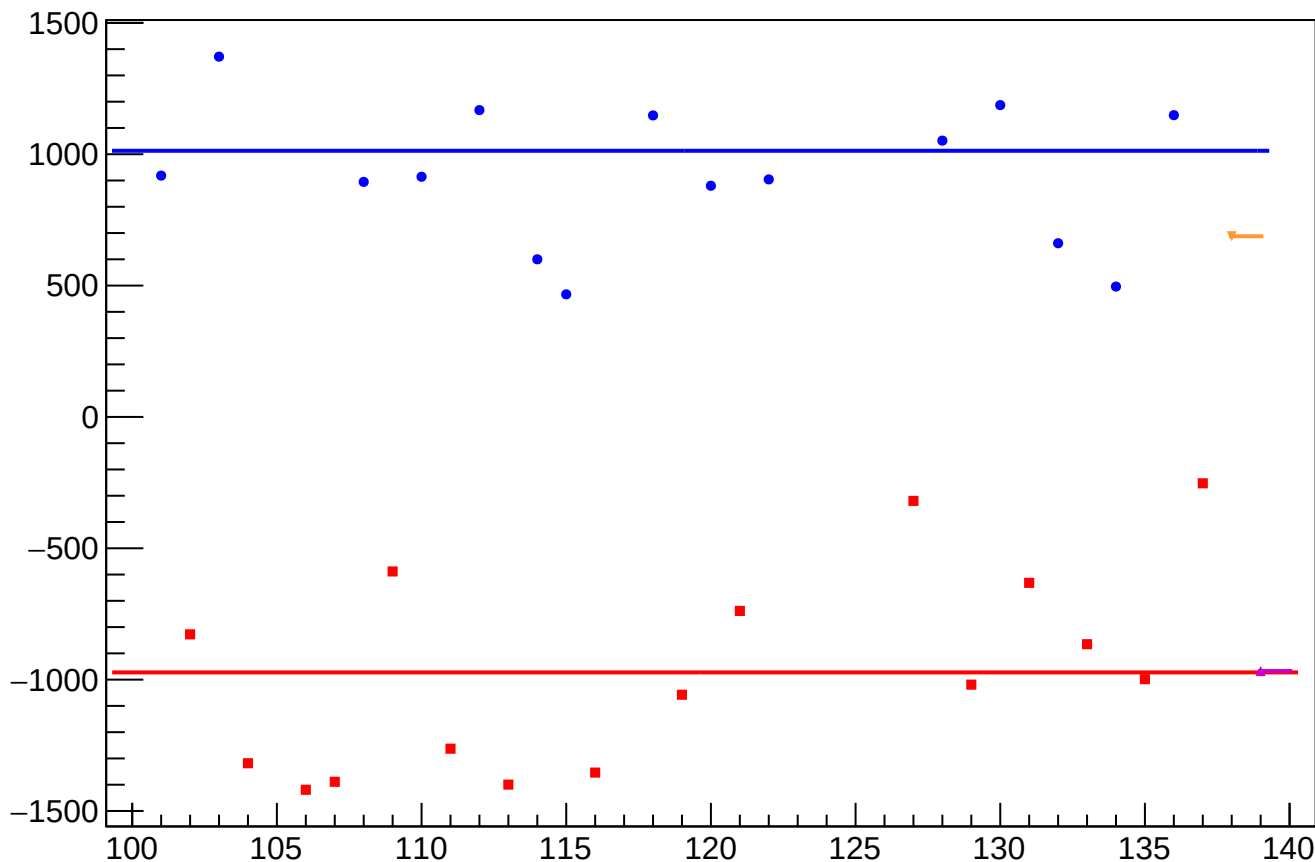
Out: -341.897+/-0.000

χ^2/NDF : 123199822863570

All: 12.715+/-0.000

χ^2/NDF : 5431958392474

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left: -155.384+/-0.000 χ^2/NDF : 108834486247056

Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

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: -967.259+/-0.000

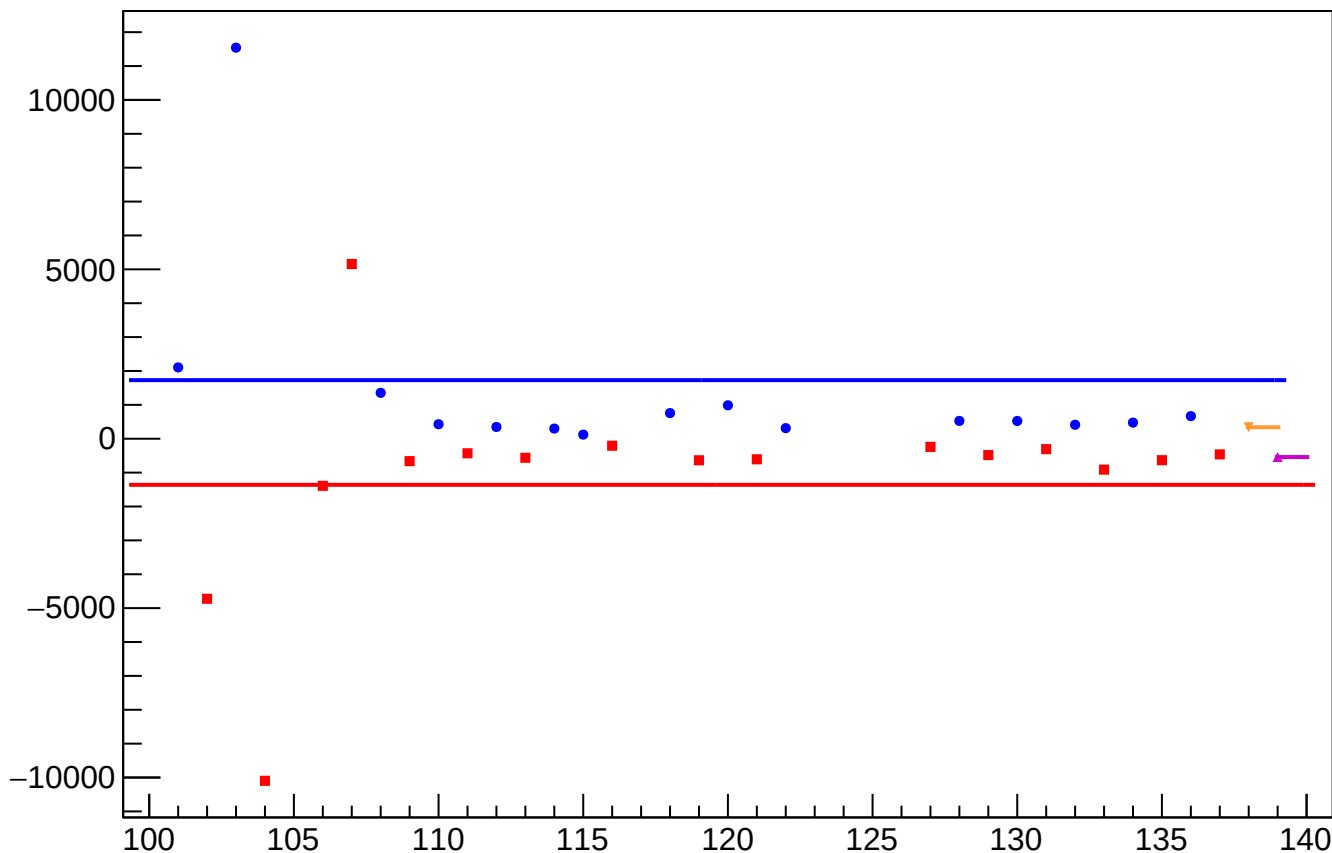
χ^2/NDF : 0.0/0

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

All: -10.717+/-0.000 χ^2/NDF : 152005958085

dit_atl1_coil6_mean vs Slug, Sign Corrected



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: -540.468+/-0.000

χ^2/NDF : 1046900.5/0

Left: -109.233+/-0.000 χ^2/NDF : 307055059108283

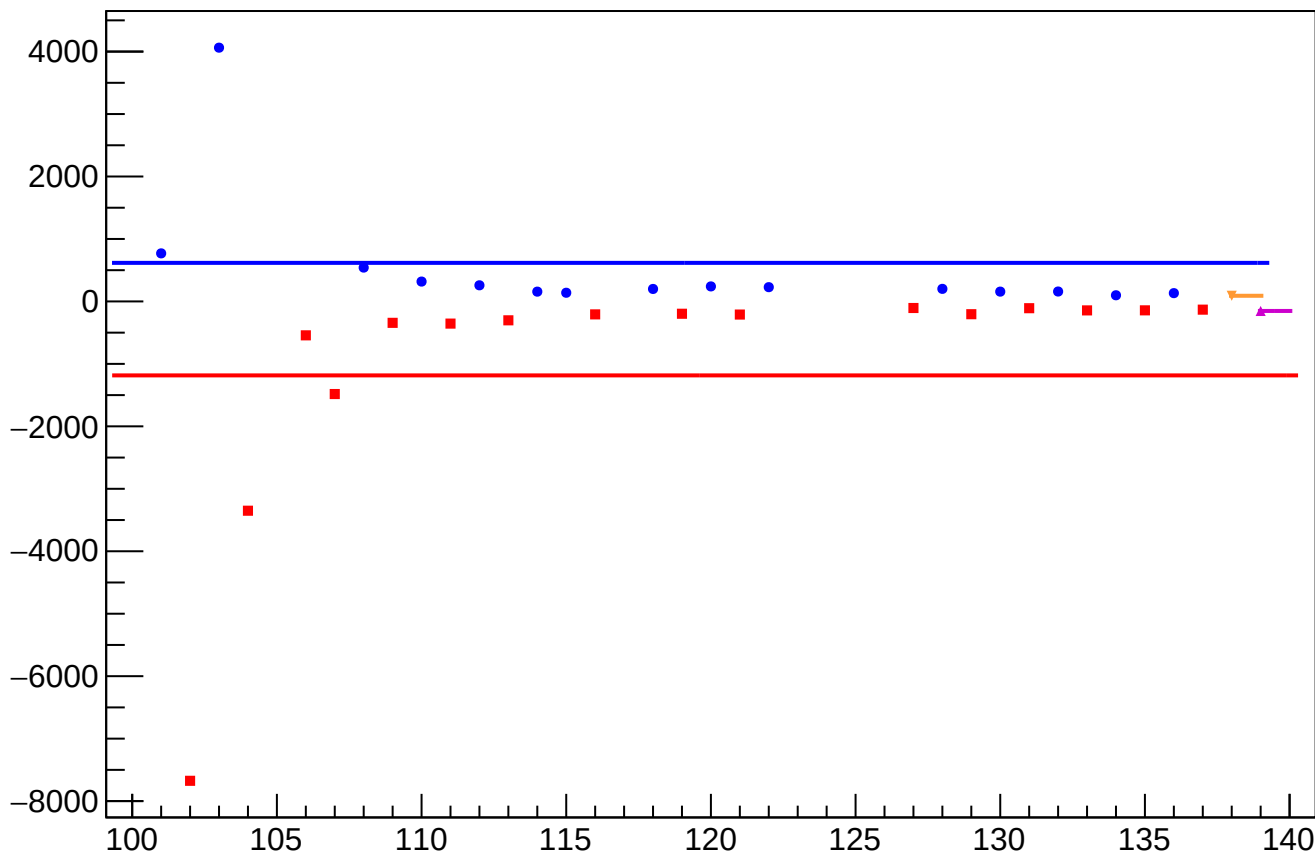
Right: 162.918+/-0.000 χ^2/NDF : 159853161210173

In: 1477.194+/-0.000 χ^2/NDF : 6784024251706399

Out: -1182.979+/-0.000 χ^2/NDF : 66333066512157

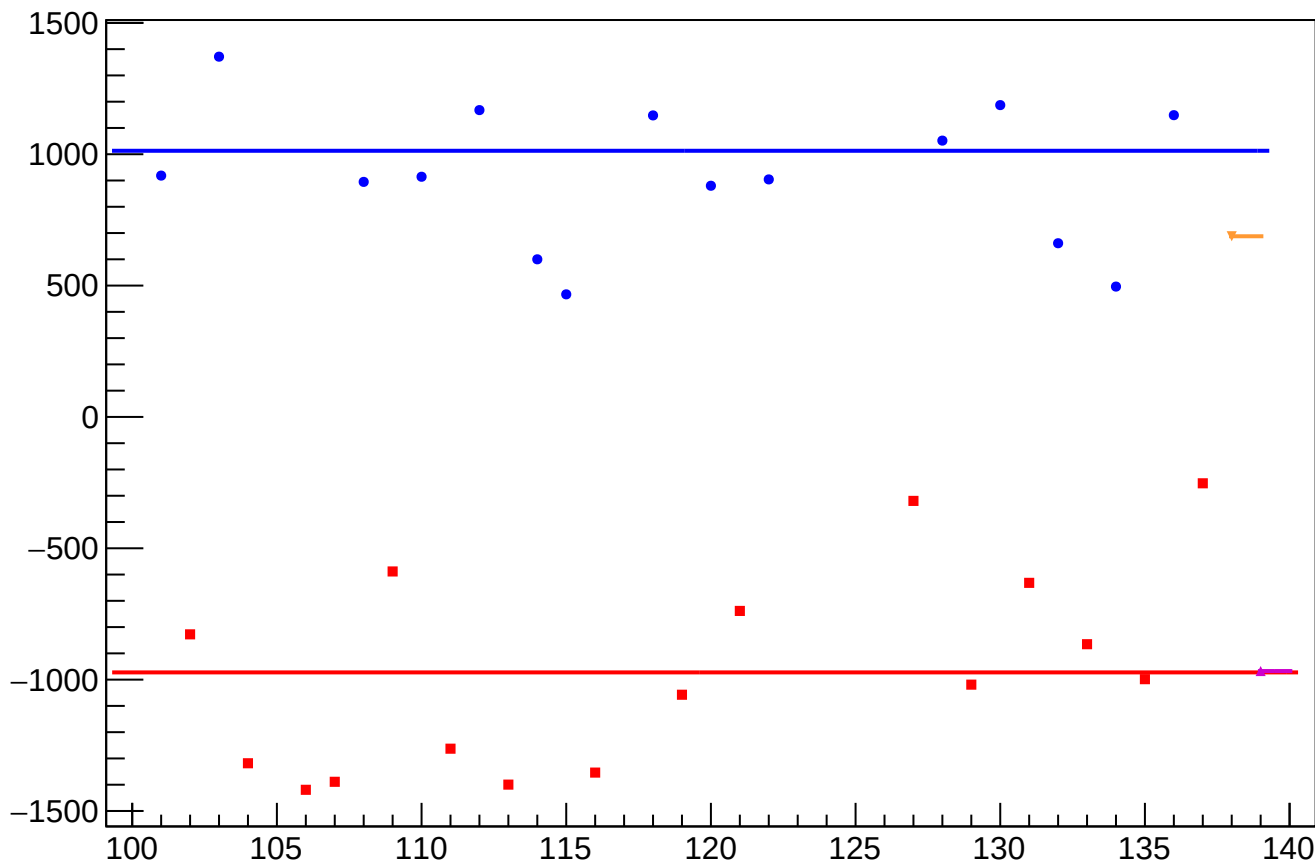
All: 133.581+/-0.000 χ^2/NDF : 160265287003

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



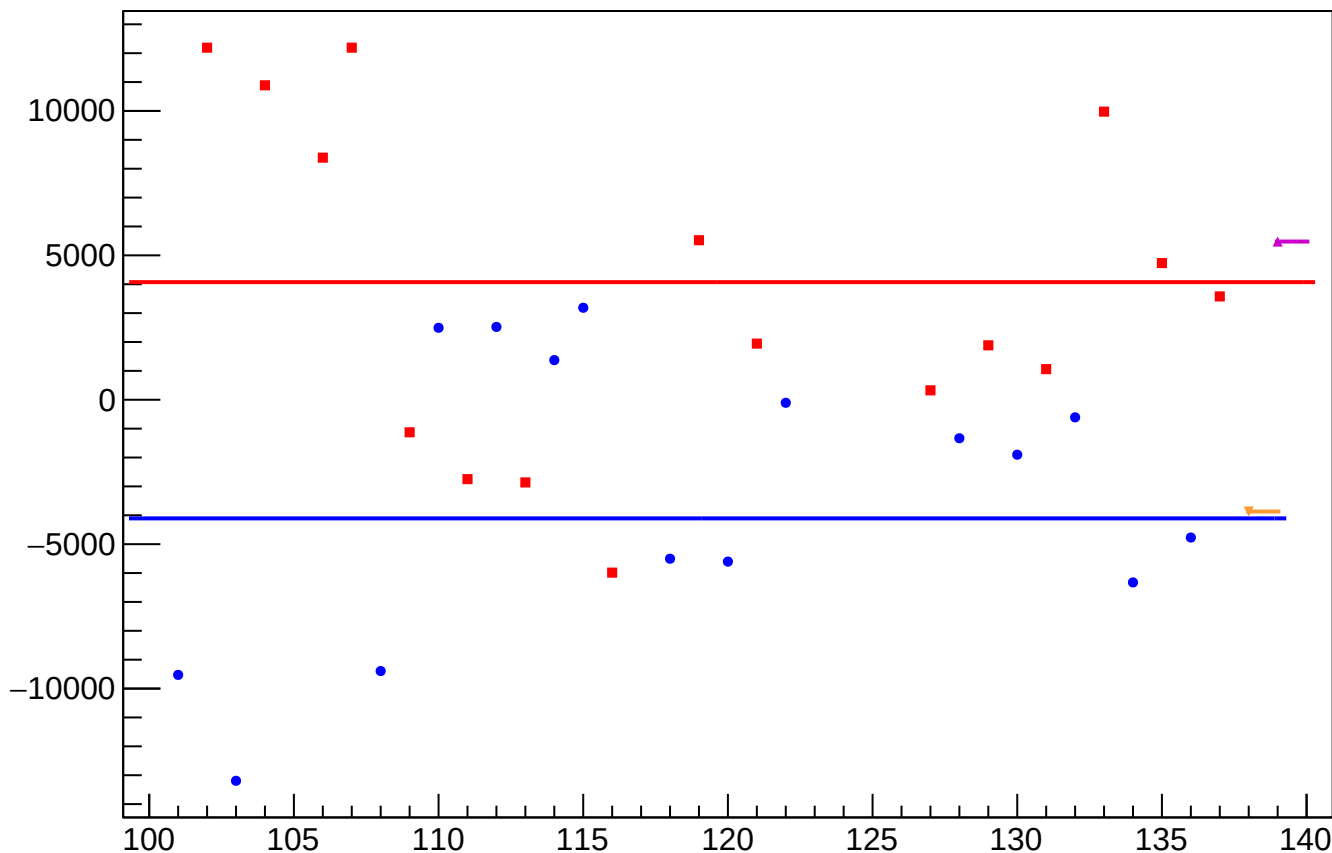
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14
 Left Out: 90.433+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15
 Left In: -152.688+/-0.000 χ^2/NDF : 0.0/0
 In: 531.901+/-0.000 χ^2/NDF : 8350655969454321
 Out: -1050.857+/-0.000 χ^2/NDF : 32809025625477
 All: -267.526+/-0.000 χ^2/NDF : 50396373881

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: -967.259+/-0.000 χ^2/NDF : 0.0/0
 All: -10.717+/-0.000 χ^2/NDF : 152005958085

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: 5477.677+/-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: 892.102+/-0.000 χ^2/NDF : 3471962958293420

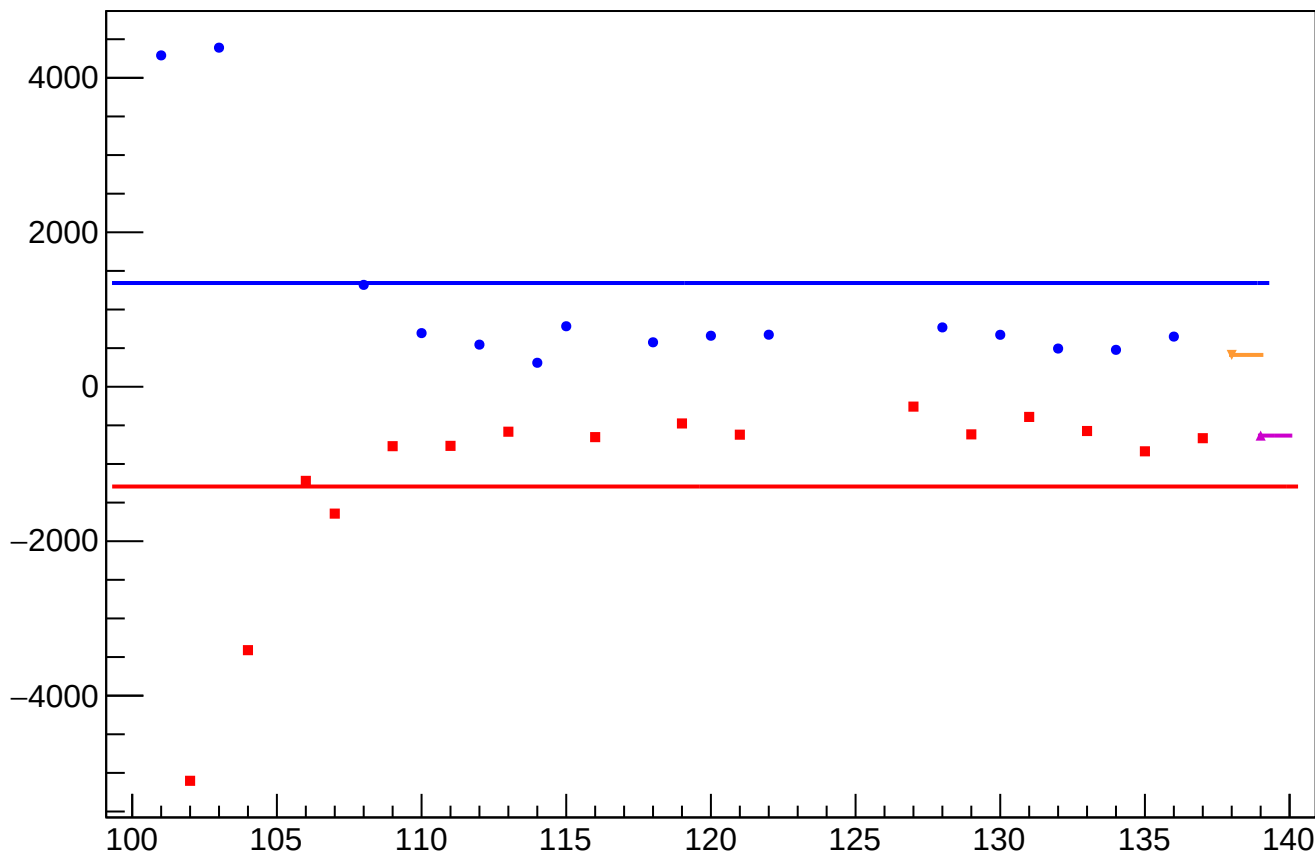
Right: 38.278+/-0.000 χ^2/NDF : 5690231407009786

In: -3043.888+/-0.000 χ^2/NDF : 211435348530689

Out: 3240.612+/-0.000 χ^2/NDF : 247719041276408

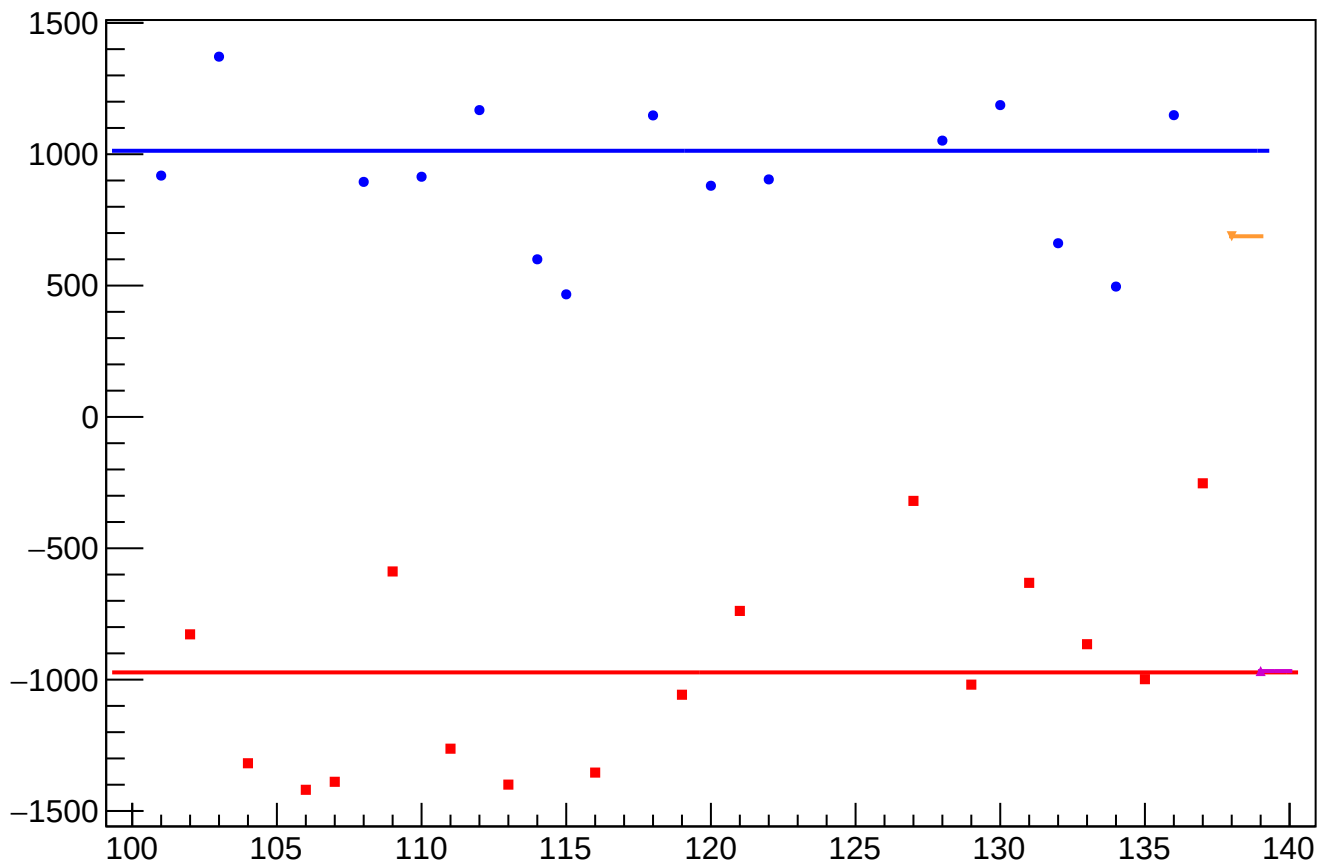
All: 130.317+/-0.000 χ^2/NDF : 604776956098

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: -632.464+/-0.000 χ^2/NDF : 0.0/0
 All: -6.031+/-0.000 χ^2/NDF : 4970819827354

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

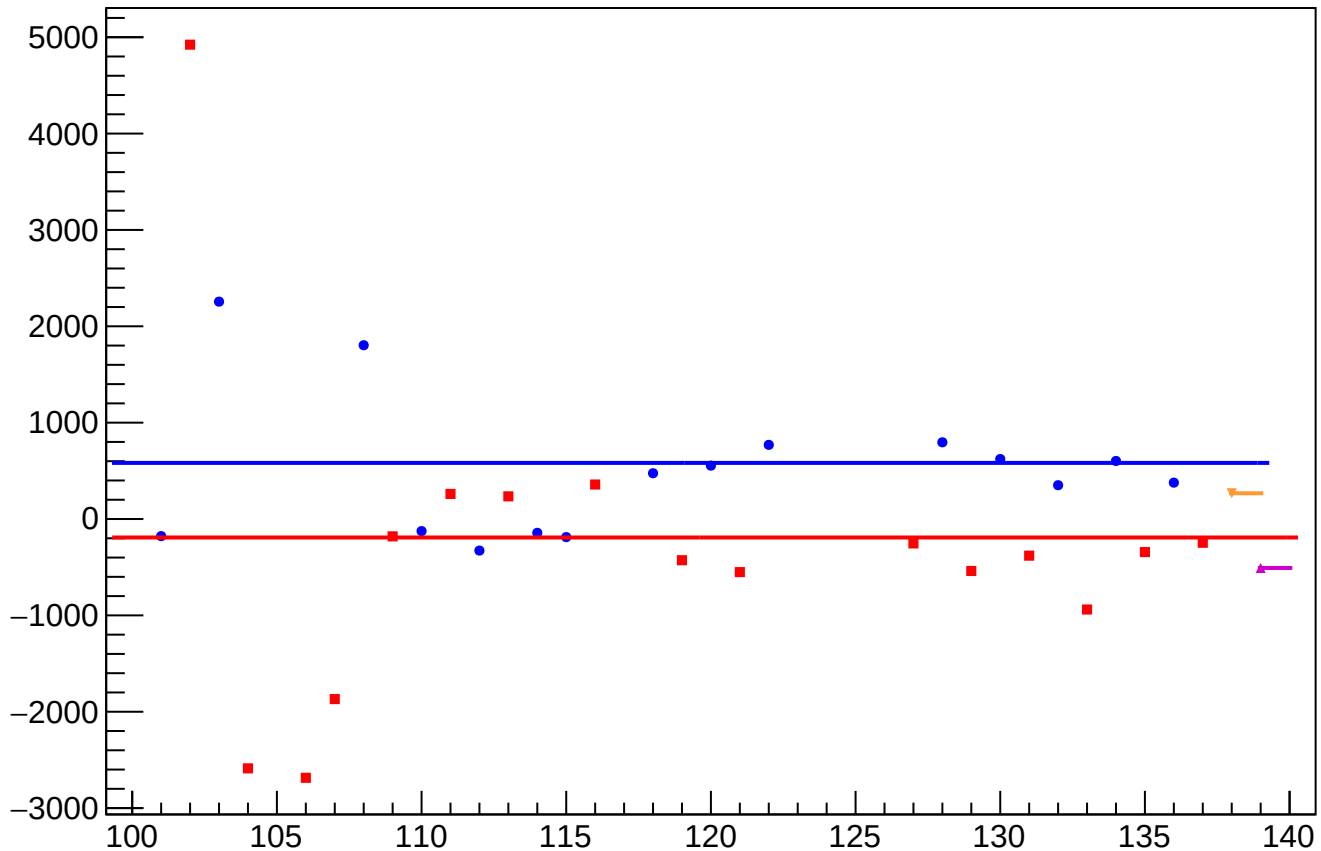
Out: -798.647+/-0.000

χ^2/NDF : 271360171639576

All: -10.717+/-0.000

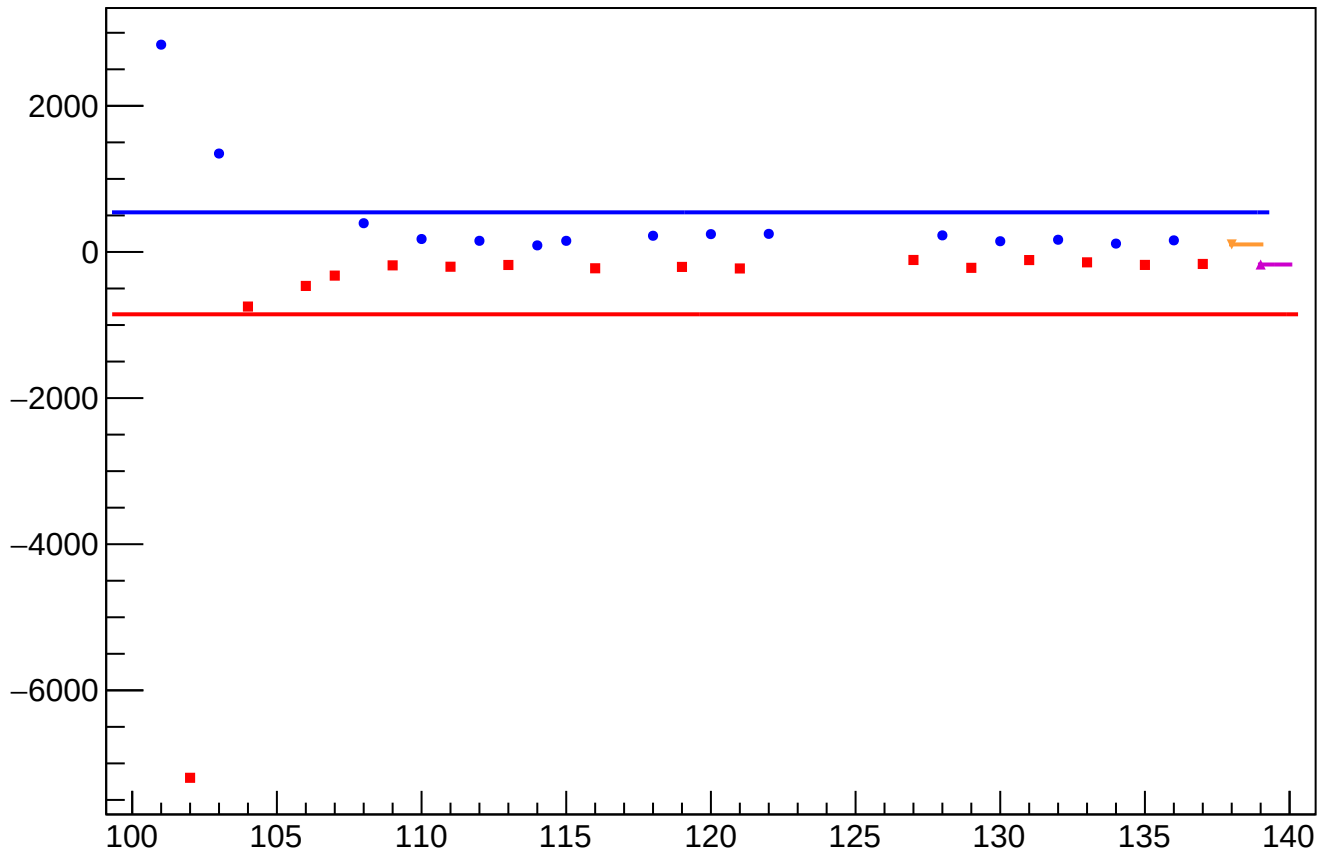
χ^2/NDF : 152005958085

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: -508.044+/-0.000 χ^2/NDF : 0.0/0
 In: 461.396+/-0.000 χ^2/NDF : 42442257706699680
 Out: -143.551+/-0.000 χ^2/NDF : 218346245080659
 All: 155.847+/-0.000 χ^2/NDF : 274281932016

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 542.328+/-0.000

χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 103.138+/-0.000

χ^2/NDF : 0.0/0

Right Out: -853.203+/-0.000

χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: -171.695+/-0.000

χ^2/NDF : 0.0/0

Left: -36.872+/-0.000 χ^2/NDF : 3001376403069015

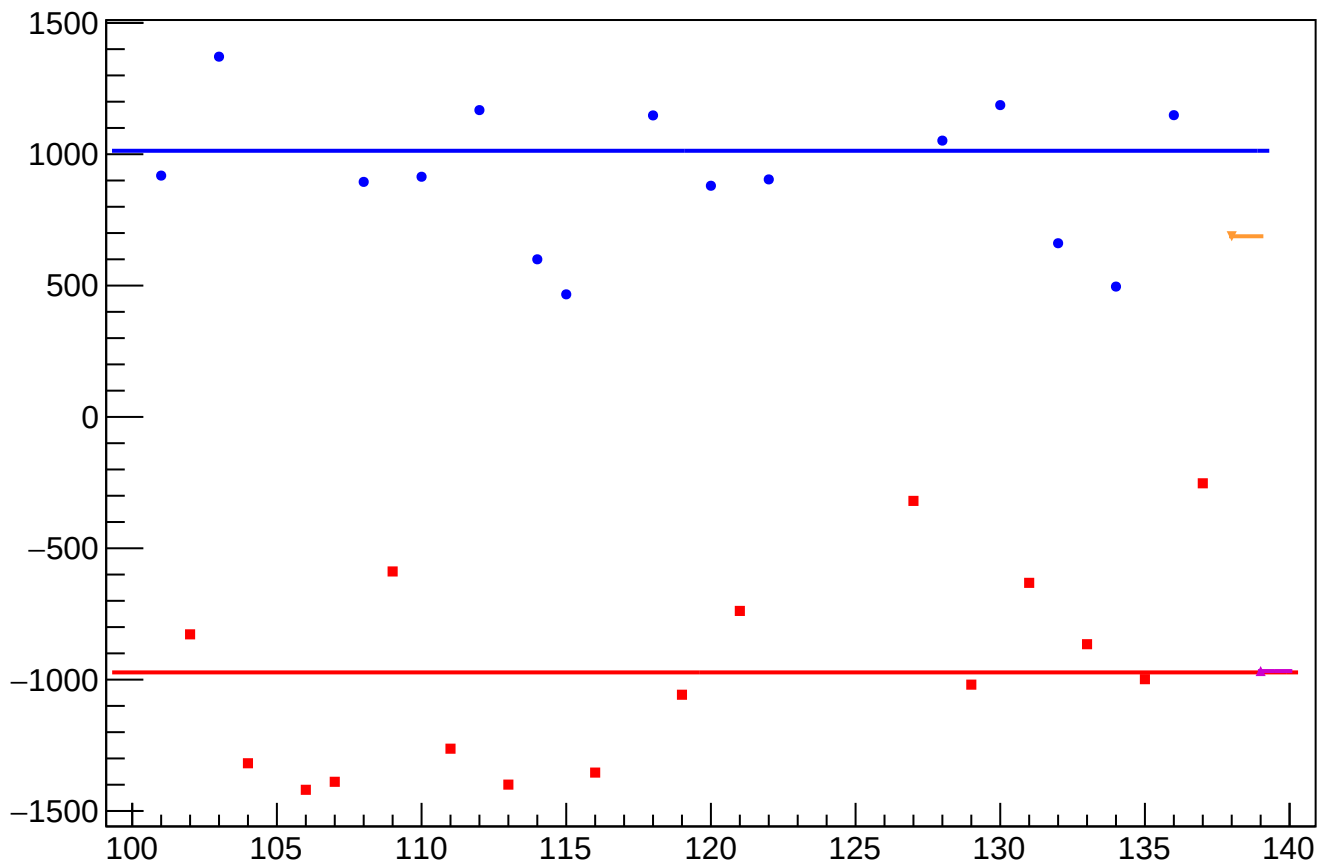
Right: -164.982+/-0.000 χ^2/NDF : 36290648240362

In: 463.100+/-0.000 χ^2/NDF : 45109277122117175

Out: -753.076+/-0.000 χ^2/NDF : 263794530204199

All: -151.172+/-0.000 χ^2/NDF : 36343944395

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

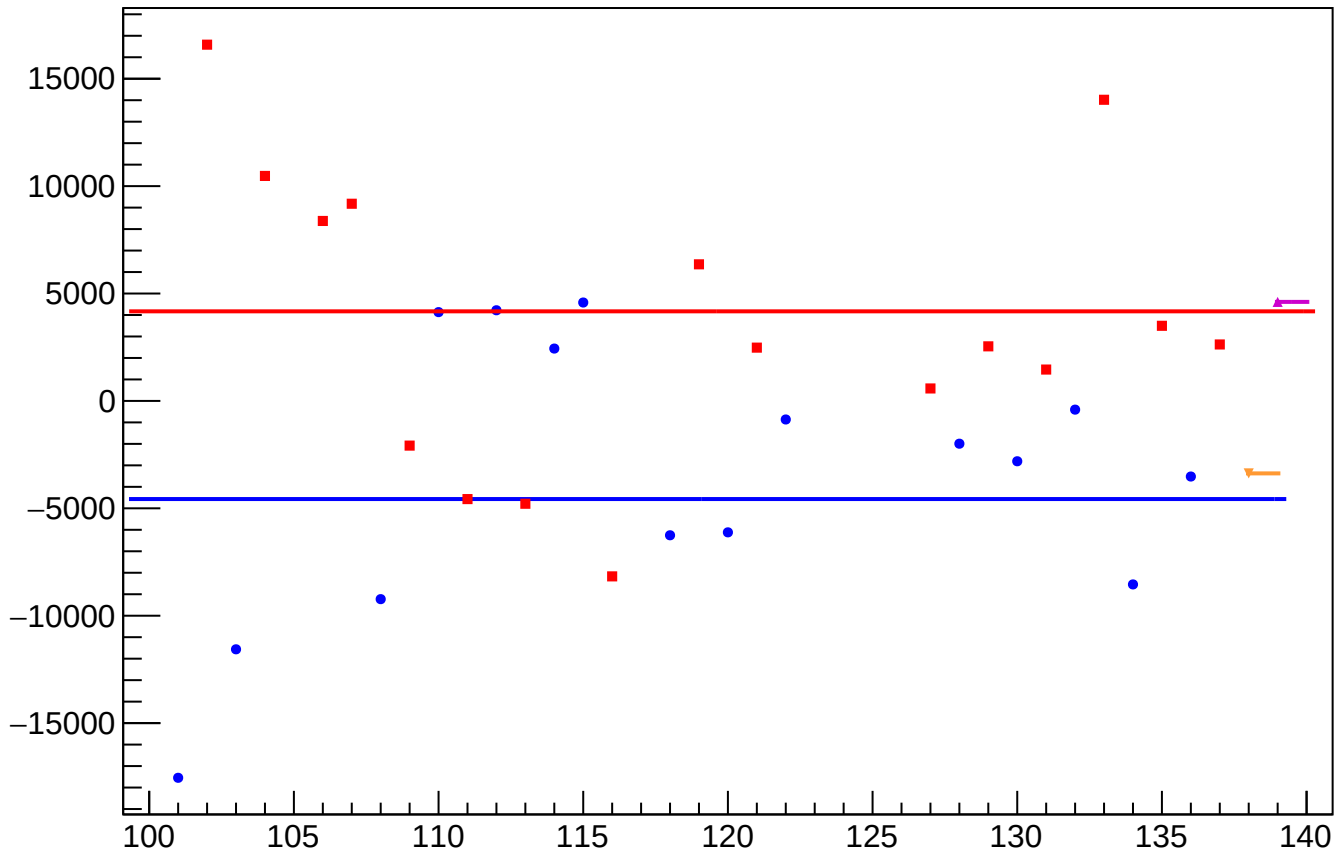
Out: -798.647+/-0.000

χ^2/NDF : 271360171639576

All: -10.717+/-0.000

χ^2/NDF : 152005958085

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297+/-0.000

Left Out: -3373.921+/-0.000

Right Out: 4170.773+/-0.000

Left In: 4610.392+/-0.000

χ^2/NDF : 24195052148165719540713110921977756909568.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 30967248832187912041113909559481103024128.0/15

χ^2/NDF : 0.0/0

Left: 693.559+/-0.000 χ^2/NDF : 2533130933746602

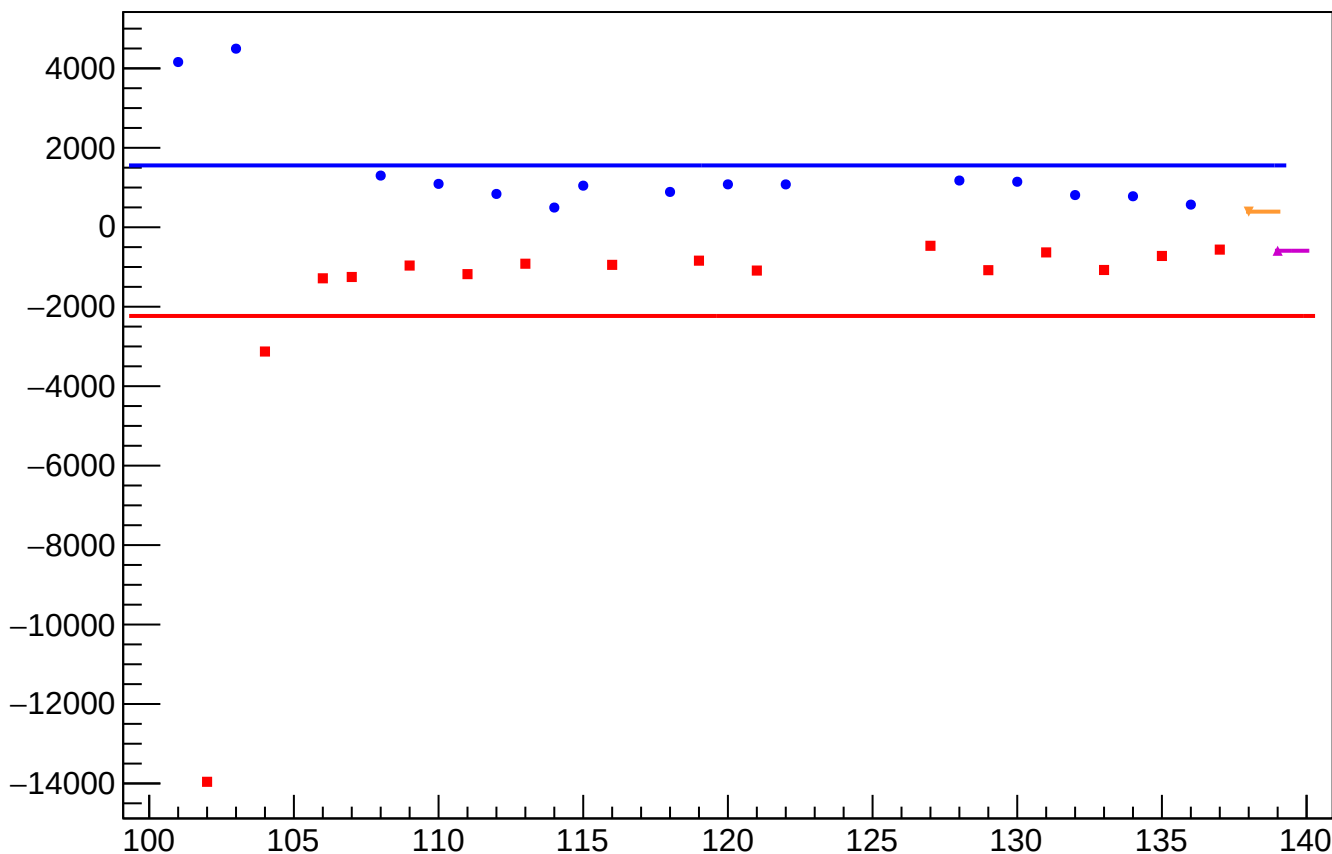
Right: -138.996+/-0.000 χ^2/NDF : 80283768430562

In: -3549.839+/-0.000 χ^2/NDF : 302619705878751

Out: 3380.858+/-0.000 χ^2/NDF : 349423426807864

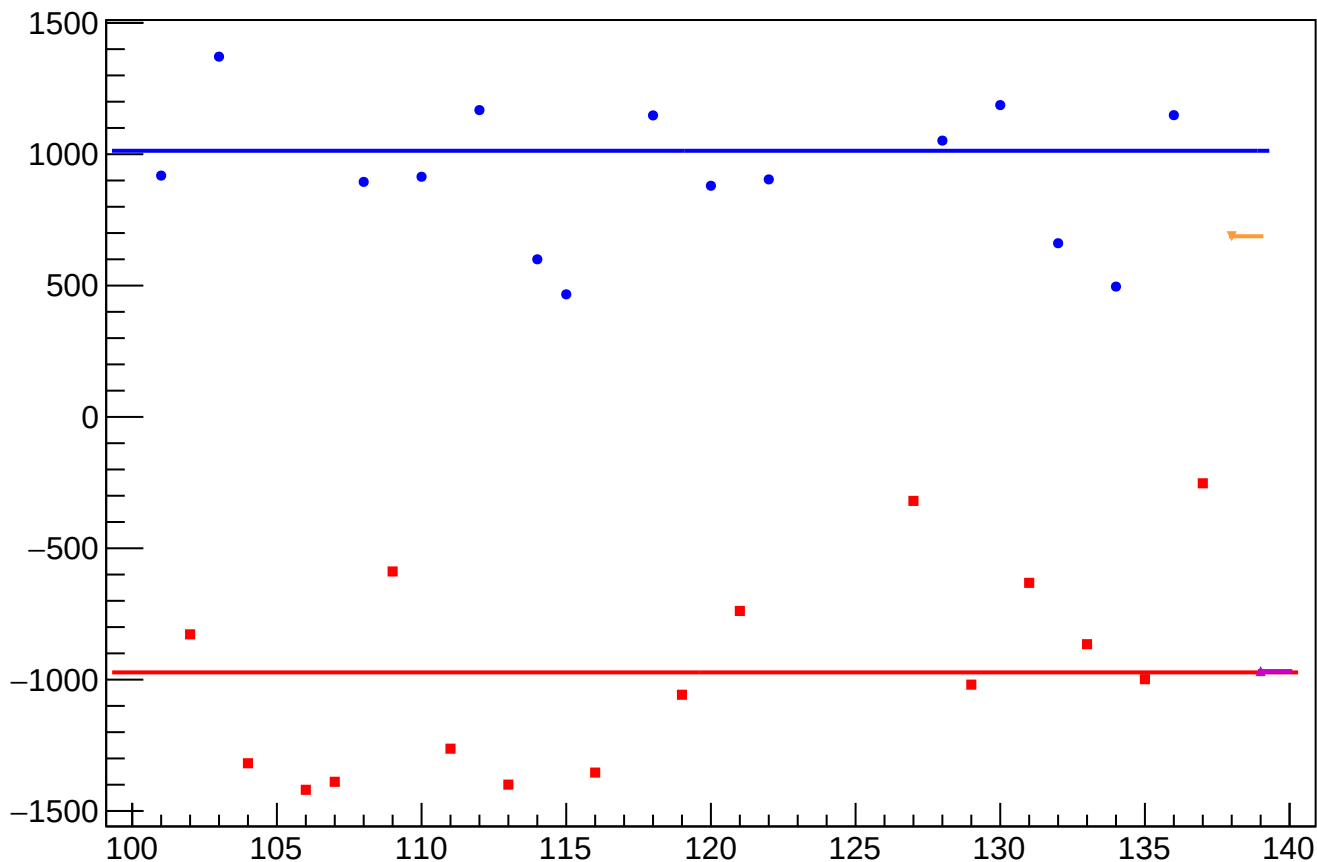
All: -49.250+/-0.000 χ^2/NDF : 829152297051

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 393.507+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: -591.088+/-0.000 χ^2/NDF : 1046900.5/0
 In: 1318.440+/-0.000 χ^2/NDF : 1471576070631275
 Out: -1957.580+/-0.000 χ^2/NDF : 94719691693439
 All: -336.228+/-0.000 χ^2/NDF : 14900674661

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

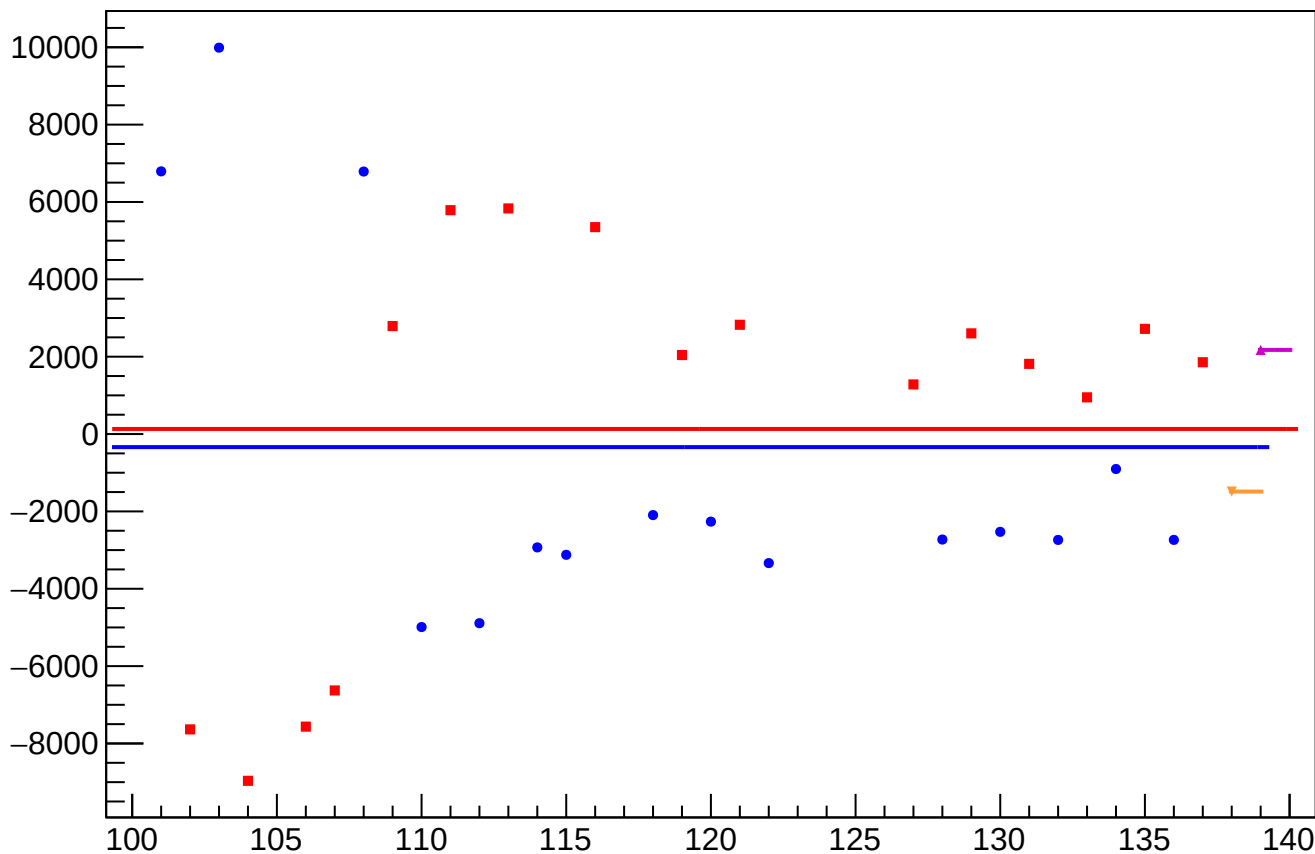
Out: -798.647+/-0.000

χ^2/NDF : 271360171639576

All: -10.717+/-0.000

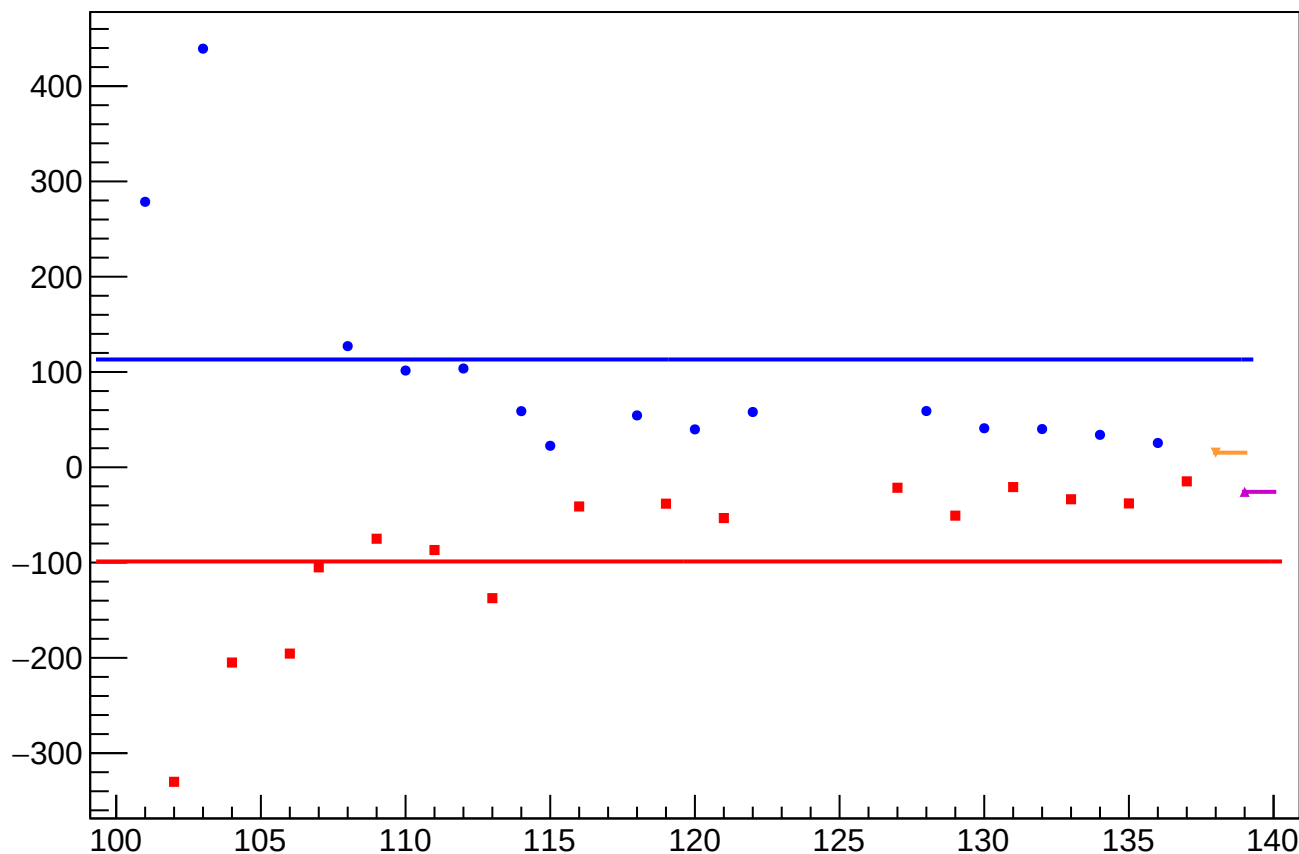
χ^2/NDF : 152005958085

dit_sam1_coil6_mean vs Slug, Sign Corrected



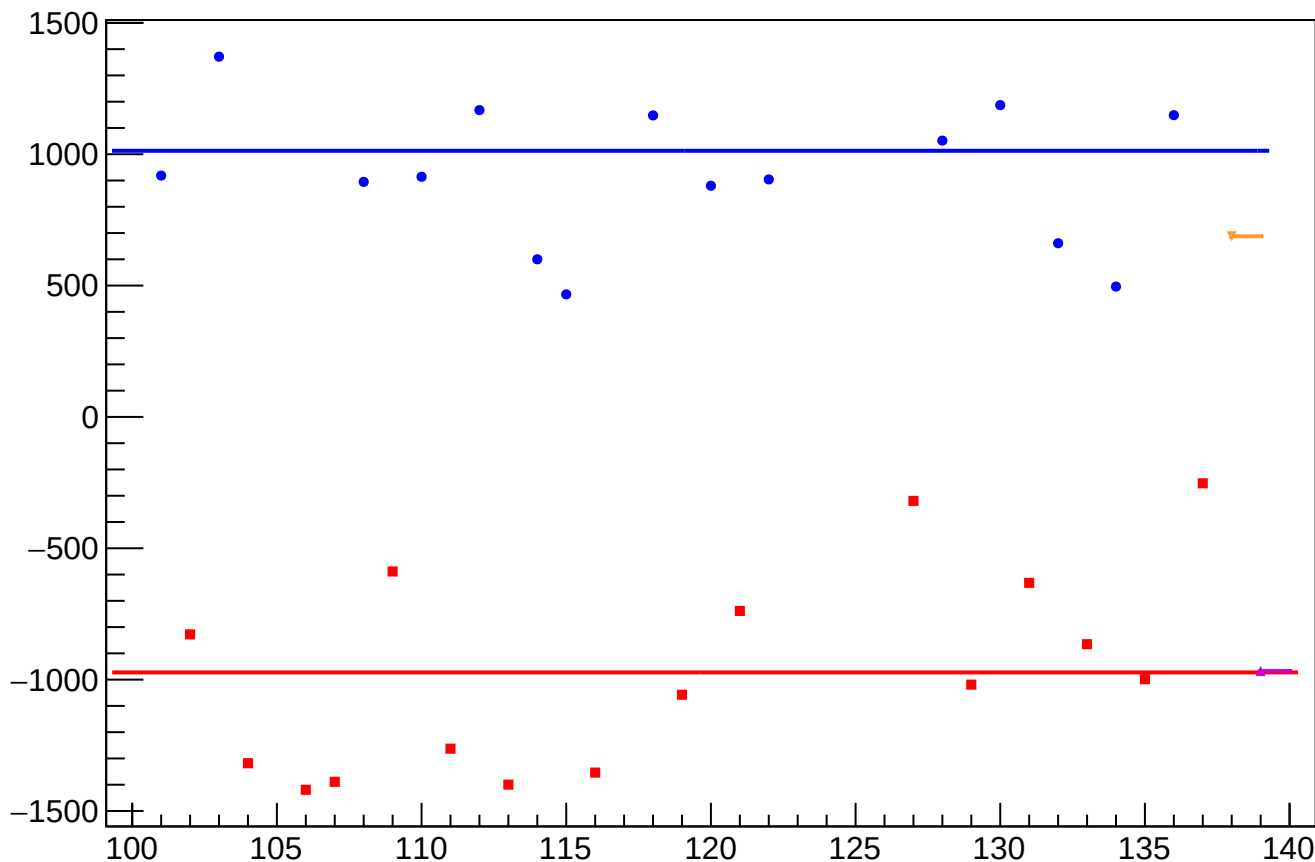
Right In: -337.865+/-0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -1487.318+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 131.545+/-0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: 2175.498+/-0.000 χ^2/NDF : 0.0/0
 All: -48.359+/-0.000 χ^2/NDF : 322638123760

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left: -5.612+/-0.000 χ^2/NDF : 67206740987959844
 Left Out: 15.339+/-0.000 χ^2/NDF : 0.0/0
 Right: 5.701+/-0.000 χ^2/NDF : 30279176036436111
 Right Out: -98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 In: 97.719+/-0.000 χ^2/NDF : 113794057768295962
 Out: -86.880+/-0.000 χ^2/NDF : 6420658239320886
 Left In: -25.787+/-0.000 χ^2/NDF : 0.0/0
 All: 4.481+/-0.000 χ^2/NDF : 30364538505673

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

Left: -155.384+/-0.000 χ^2/NDF : 108834486247056

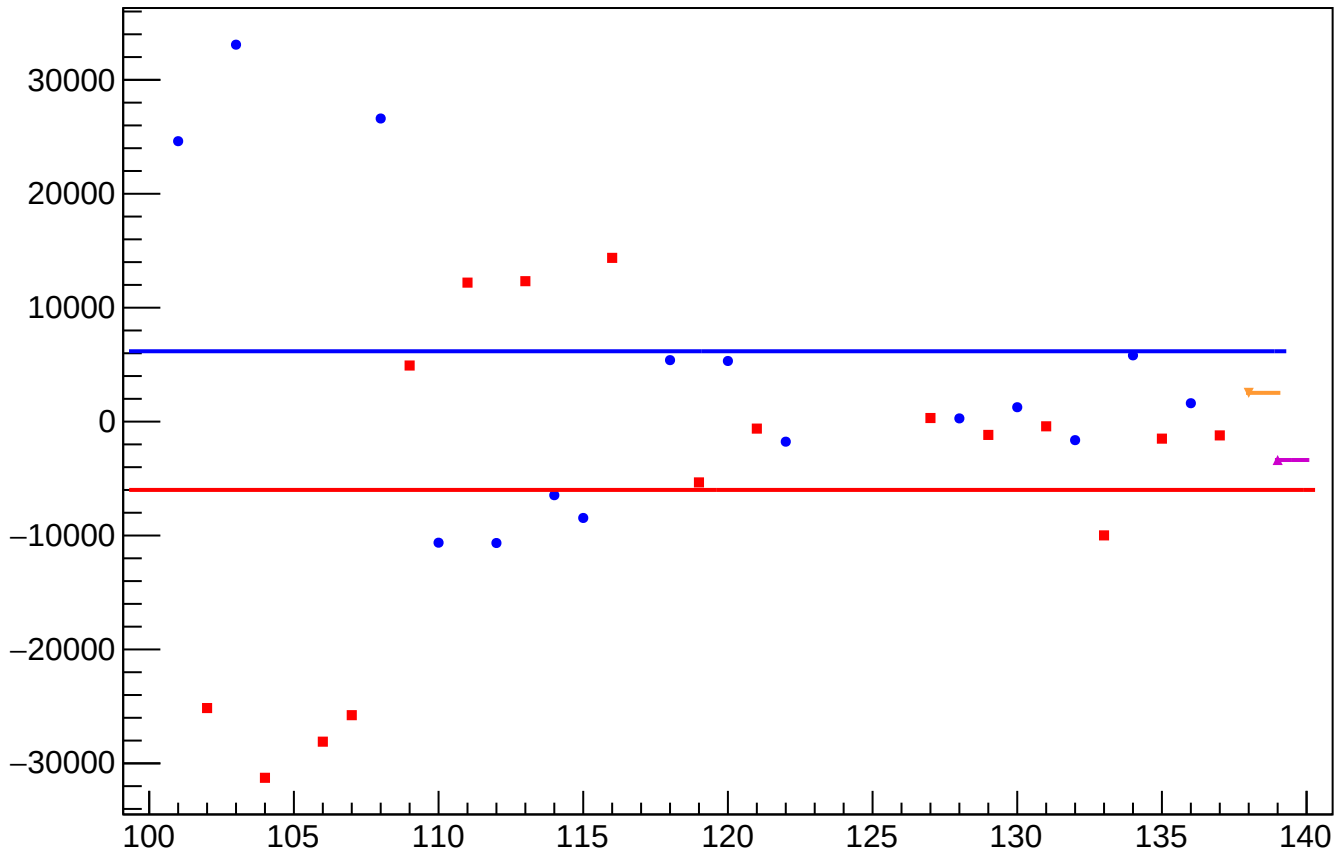
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

All: -10.717+/-0.000 χ^2/NDF : 152005958085

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 6175.493+/-0.000

χ^2/NDF : 117260877162921223967478349050708452442112.0/14

Left: -478.203+/-0.000 χ^2/NDF : 138035316707167

Right: 6.138+/-0.000 χ^2/NDF : 30305507427747676

Left Out: 2524.357+/-0.000

χ^2/NDF : 0.0/0

Right Out: -5996.727+/-0.000

χ^2/NDF : 137057710785025136543407710107916356812800.0/15

In: 5116.385+/-0.000 χ^2/NDF : 1238217754577441

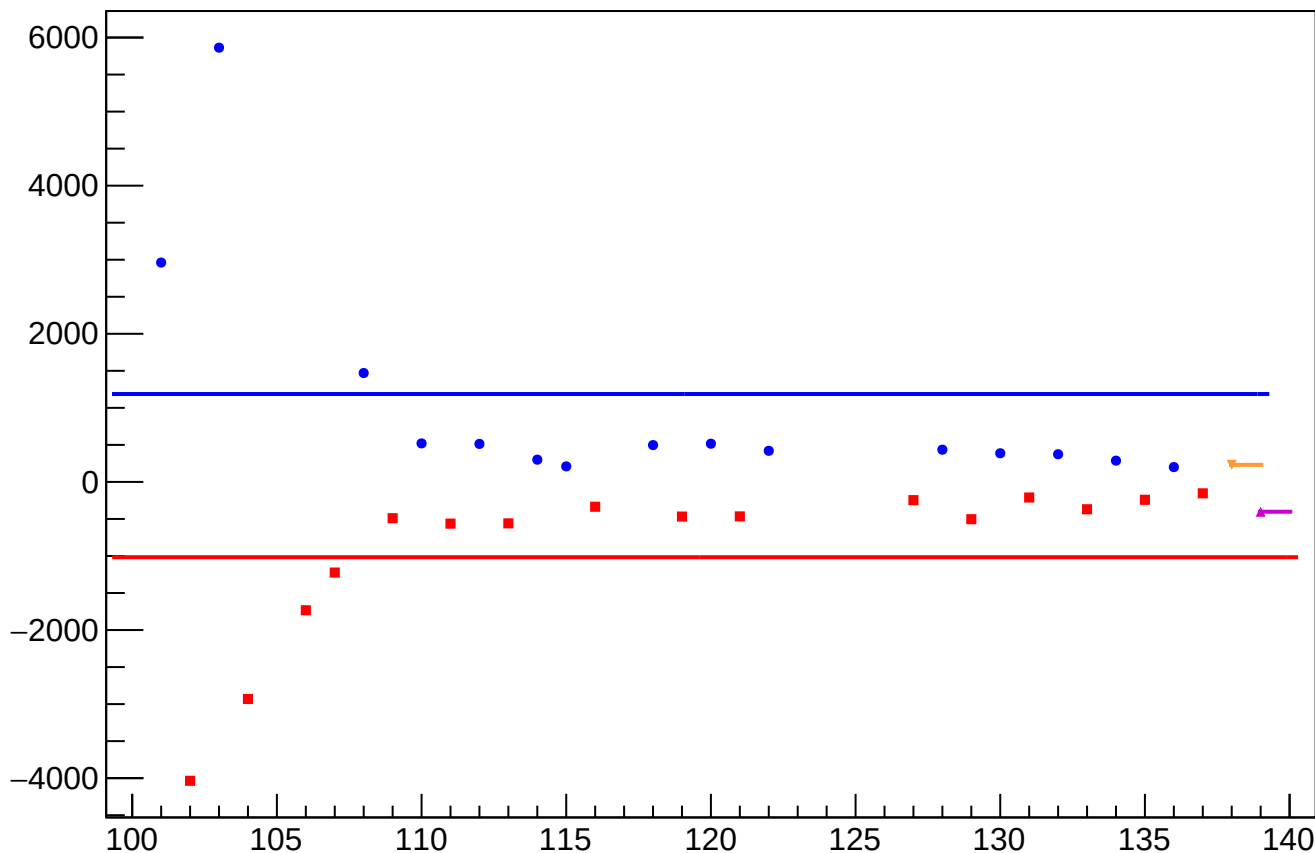
Out: -5104.586+/-0.000 χ^2/NDF : 14212824701523

Left In: -3369.557+/-0.000

χ^2/NDF : 16750407.4/0

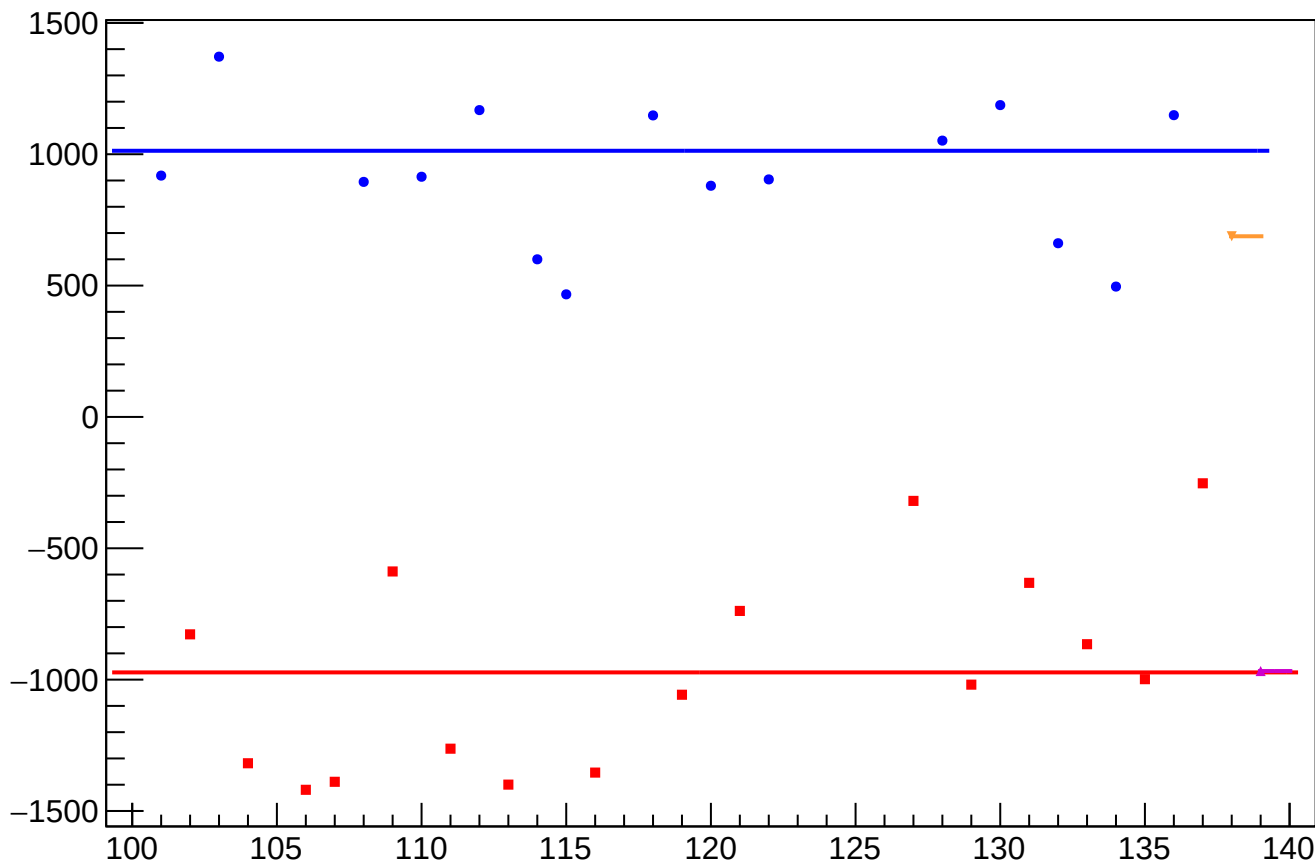
All: -46.072+/-0.000 χ^2/NDF : 304468705968

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left: -92.137+/-0.000 χ^2/NDF : 1591436002217690
 Right: 69.987+/-0.000 χ^2/NDF : 4321353447769683
 Left Out: 230.260+/-0.000 χ^2/NDF : 0.0/0
 In: 1010.483+/-0.000 χ^2/NDF : 1978389359650586
 Right Out: -1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Out: -886.174+/-0.000 χ^2/NDF : 103623636491401
 Left In: -402.594+/-0.000 χ^2/NDF : 0.0/0
 All: 52.511+/-0.000 χ^2/NDF : 4340996500768

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

Left: -155.384+/-0.000 χ^2/NDF : 108834486247056

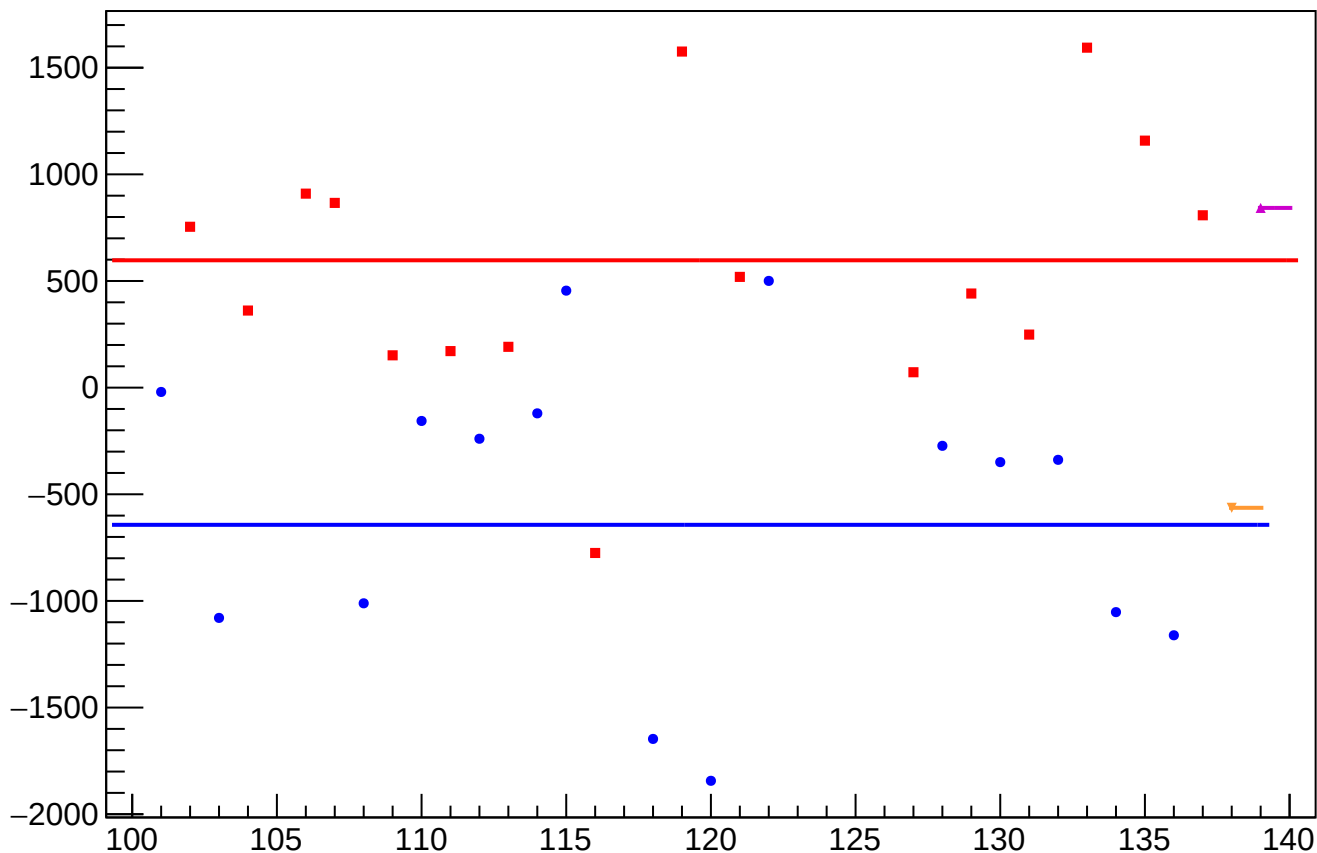
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

All: -10.717+/-0.000 χ^2/NDF : 152005958085

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000

χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -563.424+/-0.000

χ^2/NDF : 0.0/0

Right Out: 597.043+/-0.000

χ^2/NDF : 210733370798031449363504004319005376512.0/15

Left In: 842.616+/-0.000

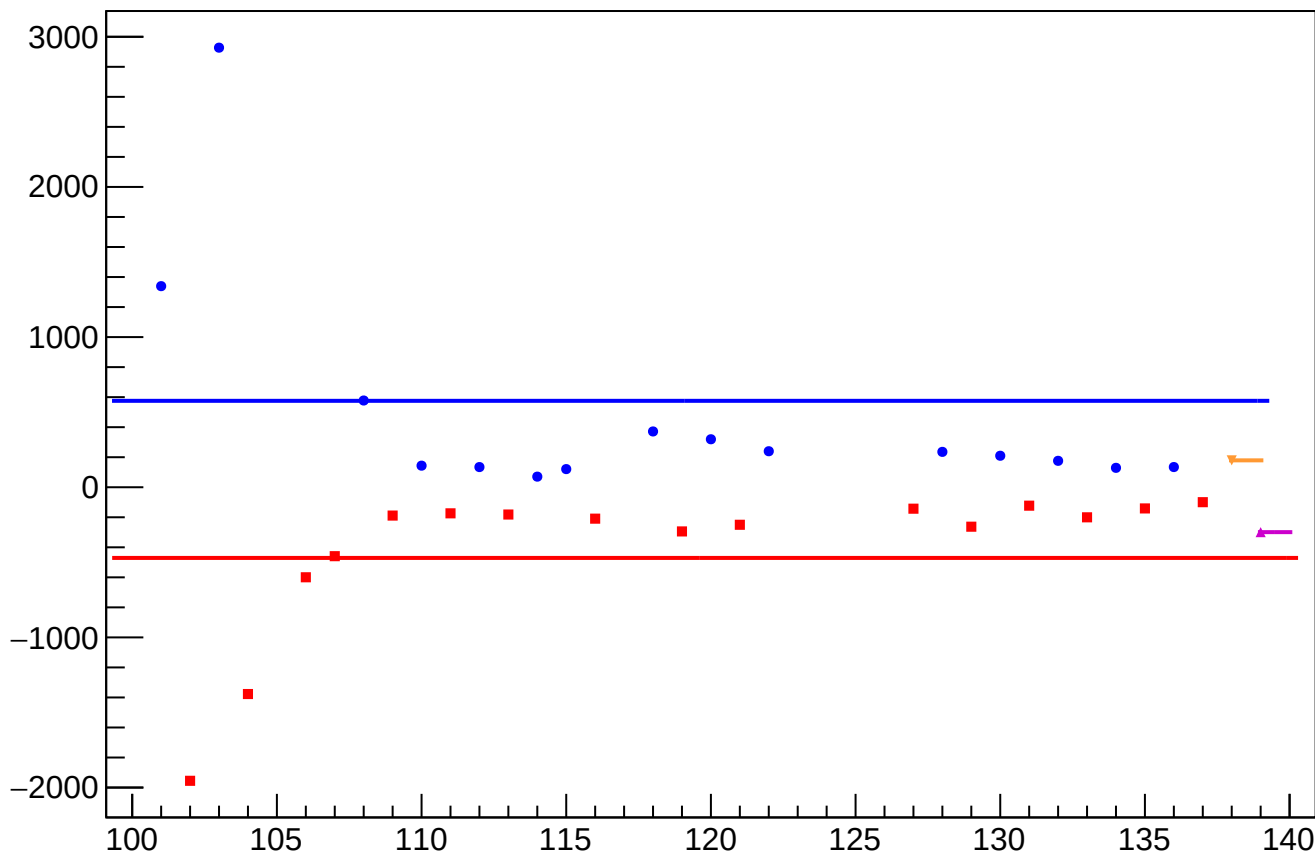
χ^2/NDF : 0.0/0

In: -478.351+/-0.000 χ^2/NDF : 4317085226730922

Out: 475.544+/-0.000 χ^2/NDF : 3047770535183674

All: 3.447+/-0.000 χ^2/NDF : 10719822487643

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: -298.989+/-0.000

χ^2/NDF : 0.0/0

In: 478.491+/-0.000

χ^2/NDF : 48775341395027899

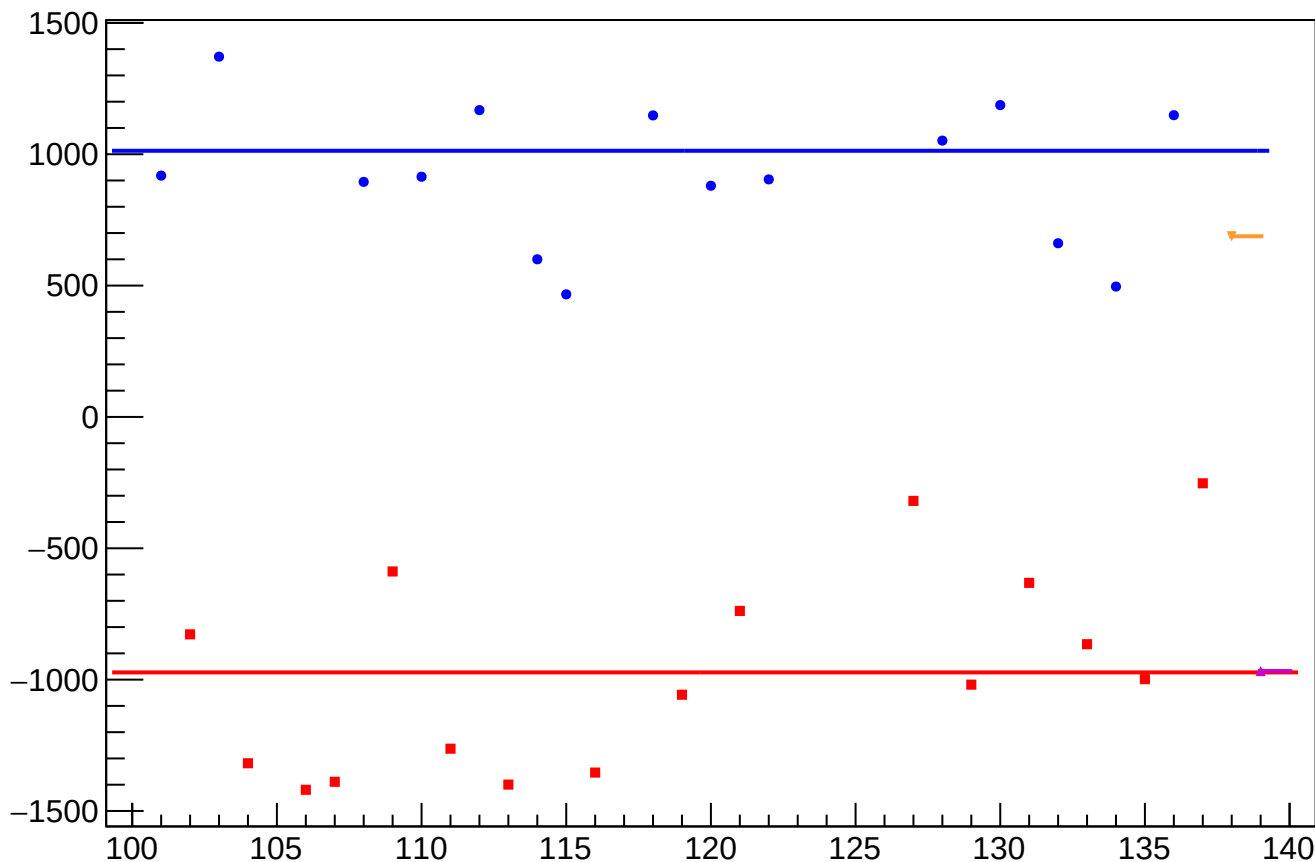
Out: -402.682+/-0.000

χ^2/NDF : 238798065781264

All: 33.424+/-0.000

χ^2/NDF : 1012843475838

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

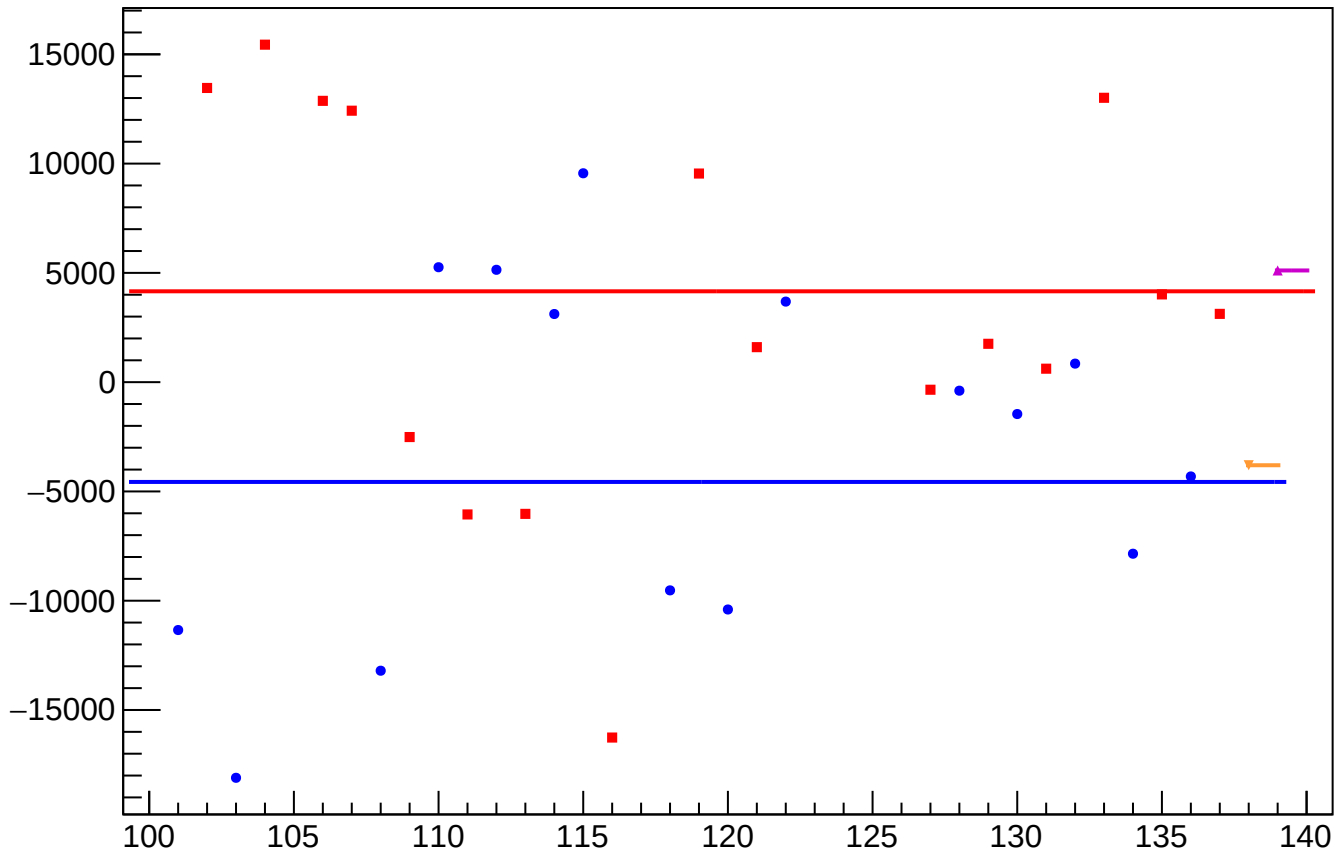
Out: -798.647+/-0.000

χ^2/NDF : 271360171639576

All: -10.717+/-0.000

χ^2/NDF : 152005958085

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: 5110.790+/-0.000

χ^2/NDF : 35667768247432289984899042725155487875072.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 45539455441659927157708443099930682195968.0/15

χ^2/NDF : 67001629.6/0

Left: 738.762+/-0.000 χ^2/NDF : 3156118246991998

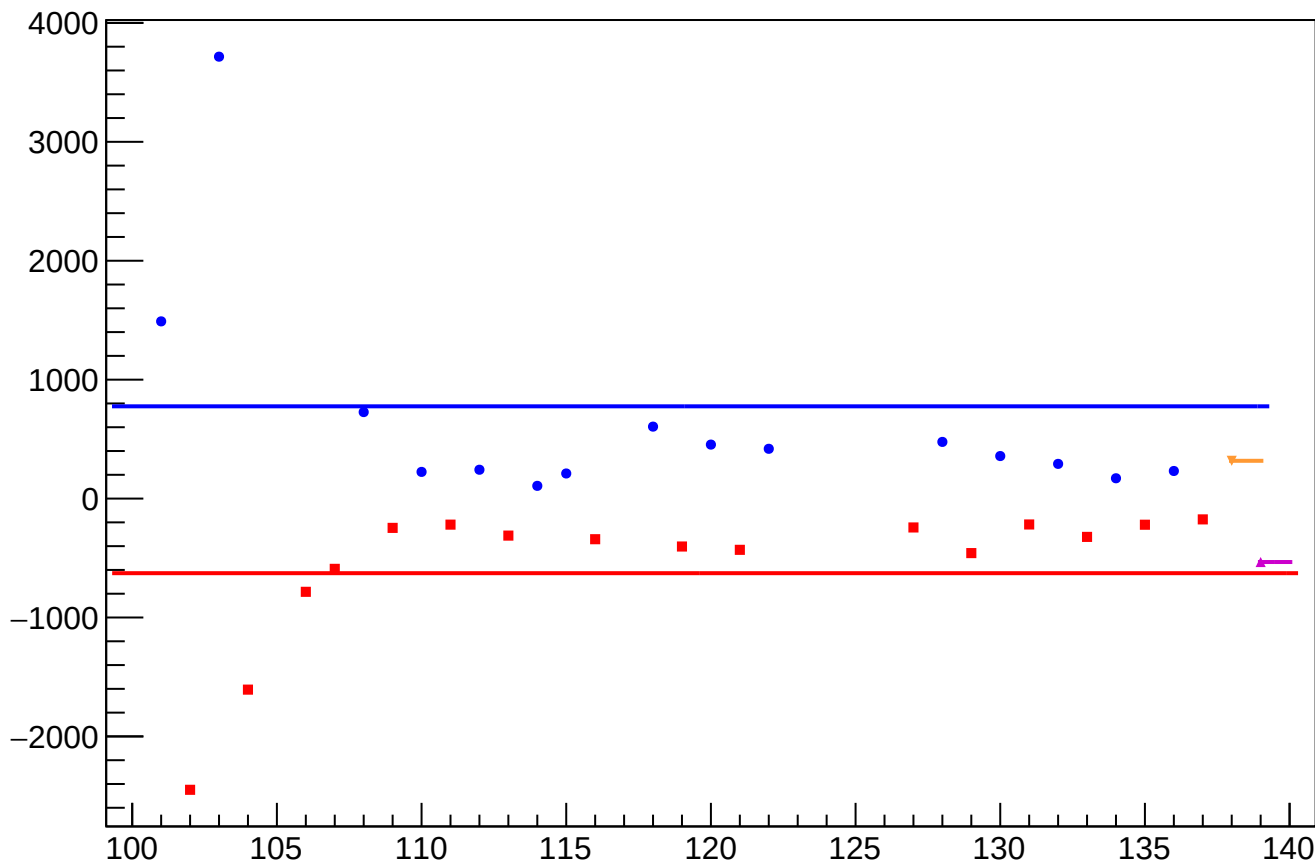
Right: -144.626+/-0.000 χ^2/NDF : 10623220696347

In: -3491.751+/-0.000 χ^2/NDF : 424102022724318

Out: 3323.643+/-0.000 χ^2/NDF : 499623076752854

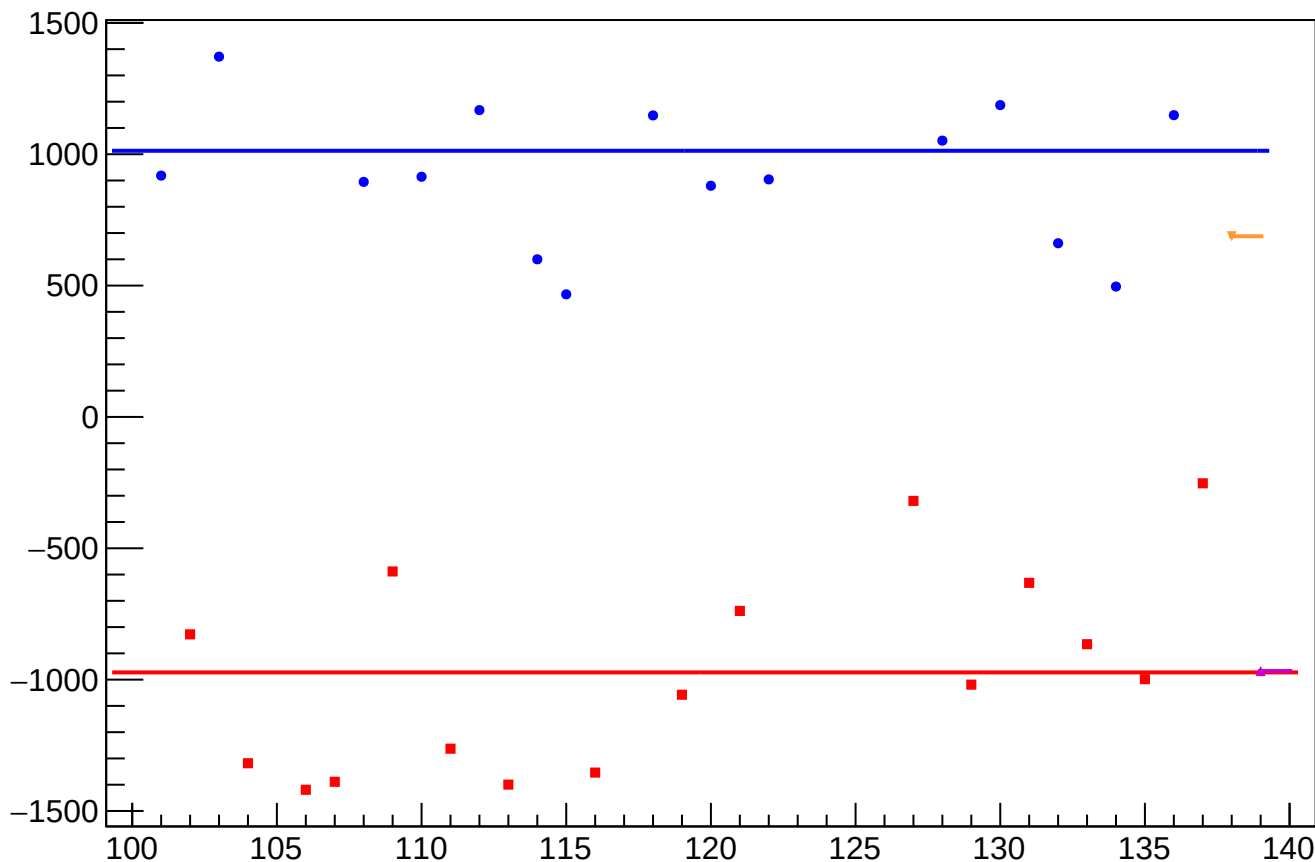
All: -49.400+/-0.000 χ^2/NDF : 109499029481

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14
 Left: -115.885+/-0.000 χ^2/NDF : 287863614658420
 Left Out: 317.715+/-0.000 χ^2/NDF : 1008126.4/0
 Right: 64.659+/-0.000 χ^2/NDF : 1586988053007642
 In: 630.551+/-0.000 χ^2/NDF : 7652958445770051
 Right Out: -627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15
 Out: -528.372+/-0.000 χ^2/NDF : 359884745210872
 Left In: -533.427+/-0.000 χ^2/NDF : 1046900.5/0
 All: 45.197+/-0.000 χ^2/NDF : 1620398529416

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left: -155.384+/-0.000 χ^2/NDF : 108834486247056

Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

Left Out: 687.718+/-0.000

χ^2/NDF : 1008126.4/0

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

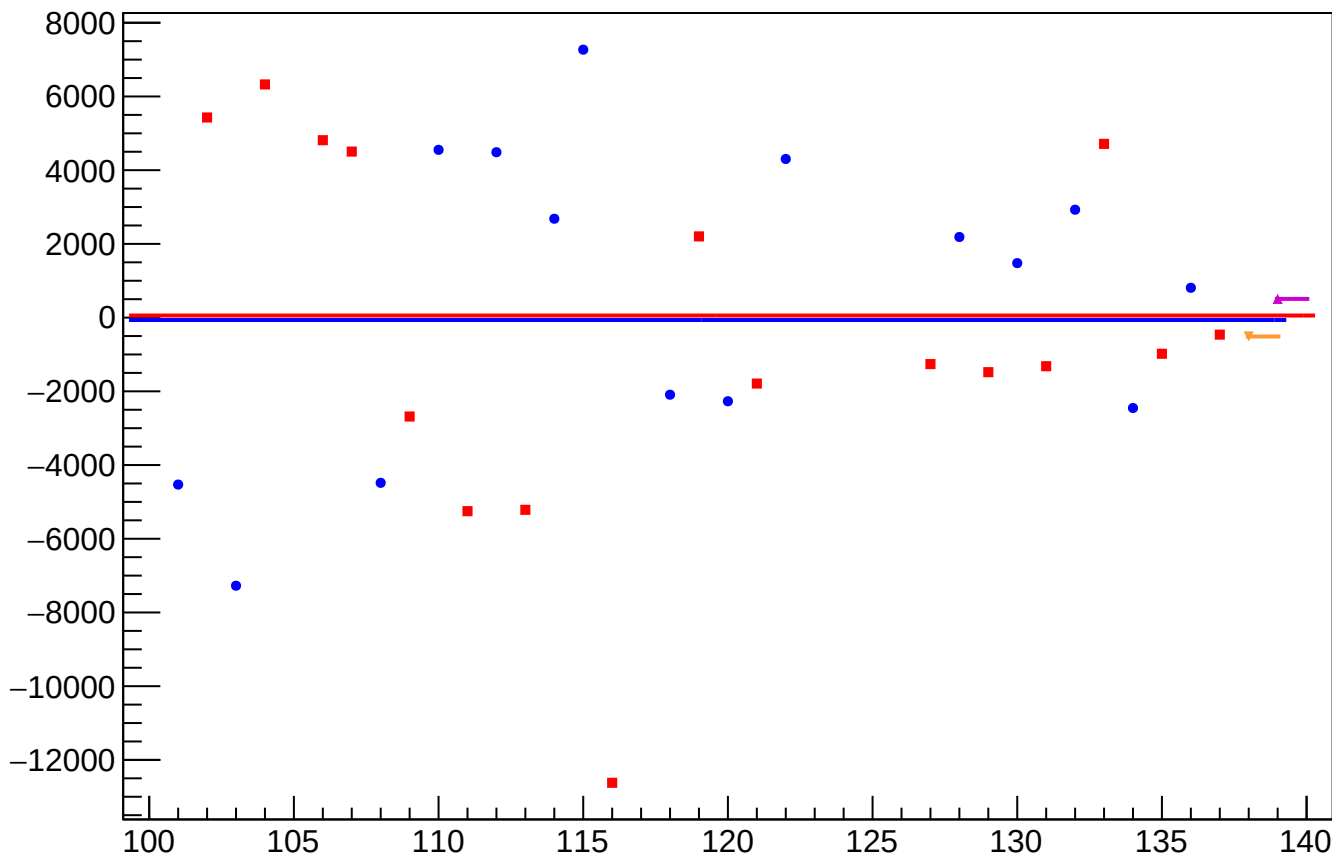
Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

All: -10.717+/-0.000 χ^2/NDF : 152005958085

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: -64.751+/-0.000

Left Out: -512.147+/-0.000

Right Out: 57.229+/-0.000

Left In: 508.052+/-0.000

χ^2/NDF : 9614223448851814191683817349989558910976.0/14

χ^2/NDF : 0.0/0

χ^2/NDF : 13780958977008702301942505454387177979904.0/15

χ^2/NDF : 0.0/0

Left: 7.577+/-0.000 χ^2/NDF : 41357260066777693

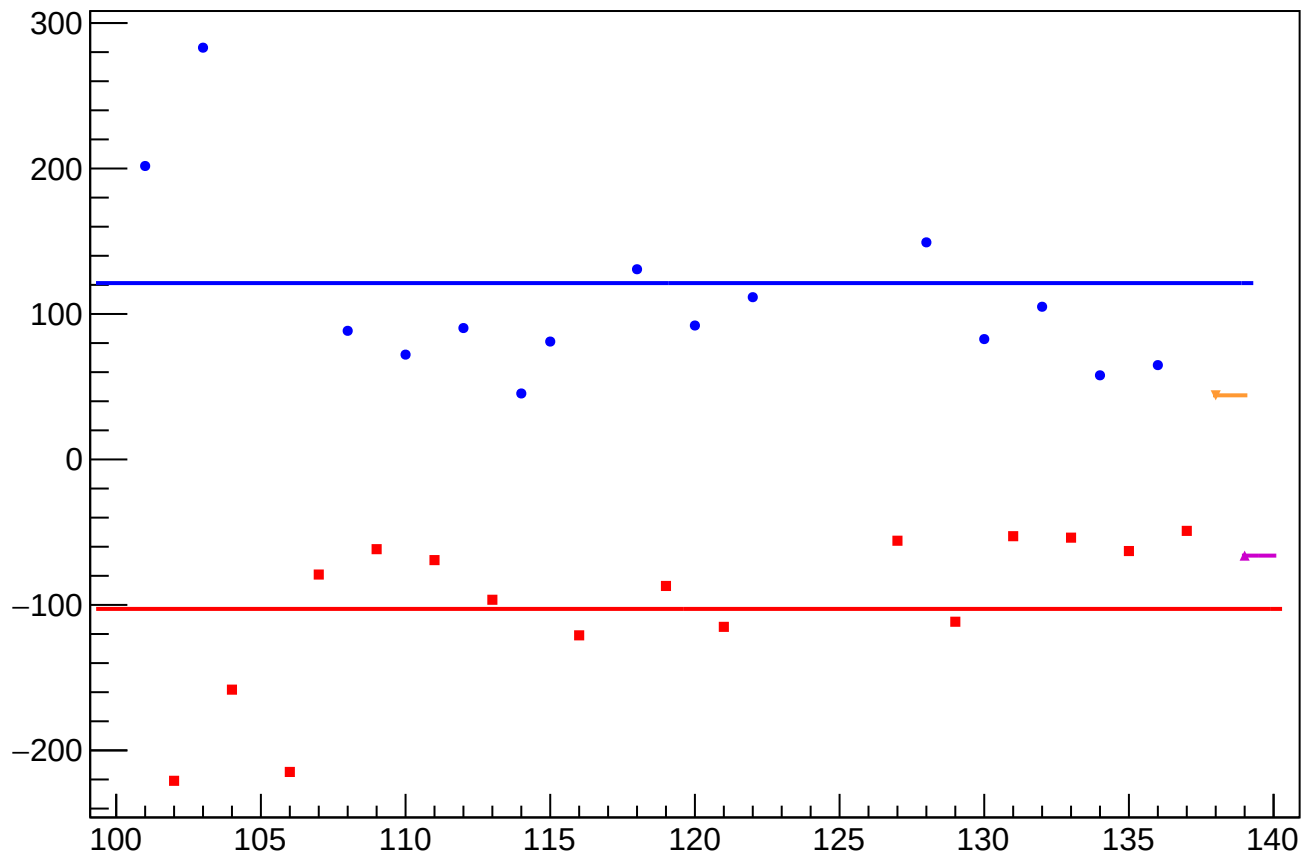
Right: -2.927+/-0.000 χ^2/NDF : 2340007670014095

In: -1.193+/-0.000 χ^2/NDF : 963785088834824229

Out: -2.384+/-0.000 χ^2/NDF : 13803598200905521

All: -1.795+/-0.000 χ^2/NDF : 2344144961182

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 121.228+/-0.000

χ^2/NDF : 2723170857684362574800637594861305856.0/14

Left: -12.059+/-0.000 χ^2/NDF : 4824516693984888

Right: 7.708+/-0.000 χ^2/NDF : 21192213294007068

Left Out: 44.075+/-0.000

χ^2/NDF : 0.0/0

Right Out: -102.749+/-0.000

χ^2/NDF : 196766802484601033365442767055918336.0/15

In: 100.441+/-0.000 χ^2/NDF : 52505617552468025

Out: -87.377+/-0.000 χ^2/NDF : 3473090348635561

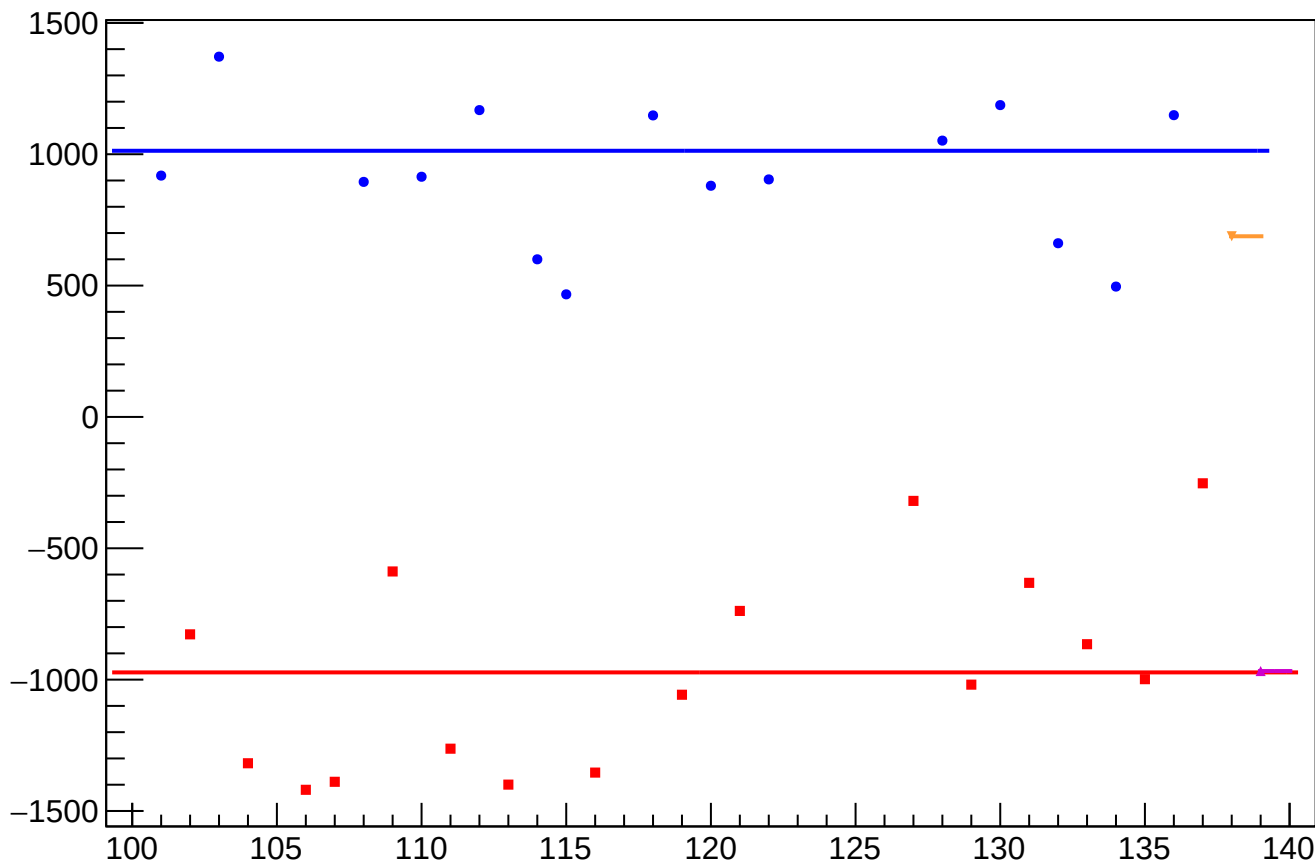
Left In: -66.113+/-0.000

χ^2/NDF : 0.0/0

All: 5.577+/-0.000

χ^2/NDF : 21730090393263

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: -967.259+/-0.000

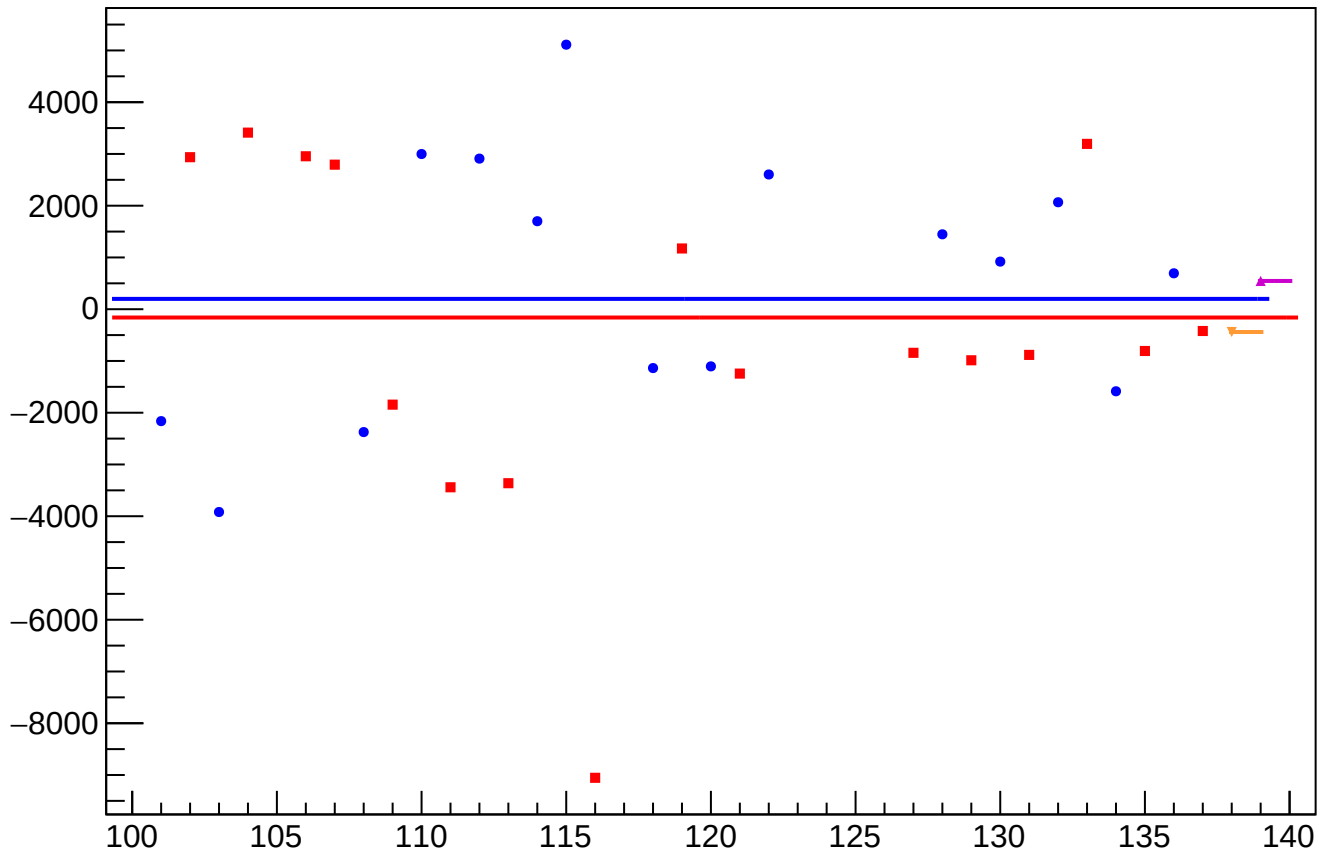
χ^2/NDF : 0.0/0

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

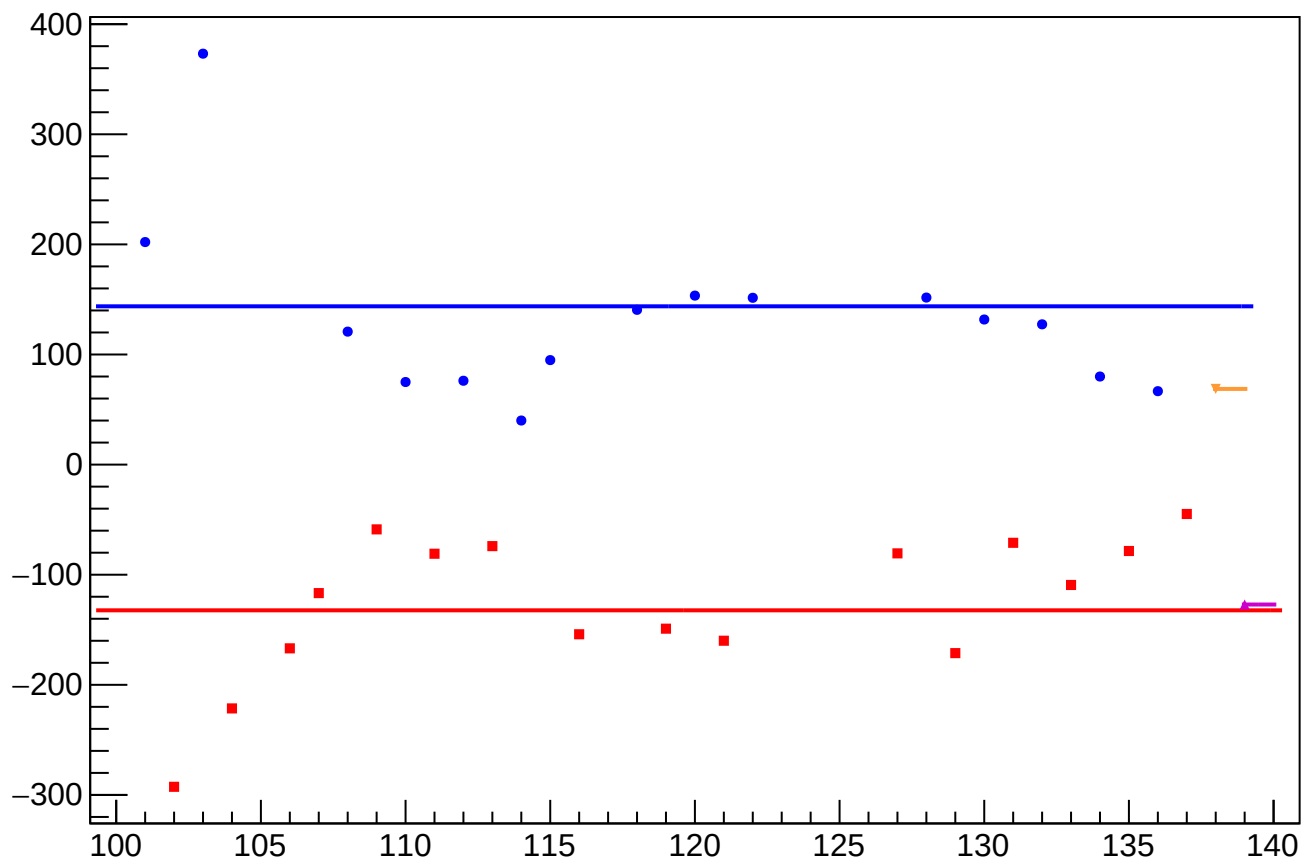
All: -10.717+/-0.000 χ^2/NDF : 152005958085

dit_sam6_coil6_mean vs Slug, Sign Corrected



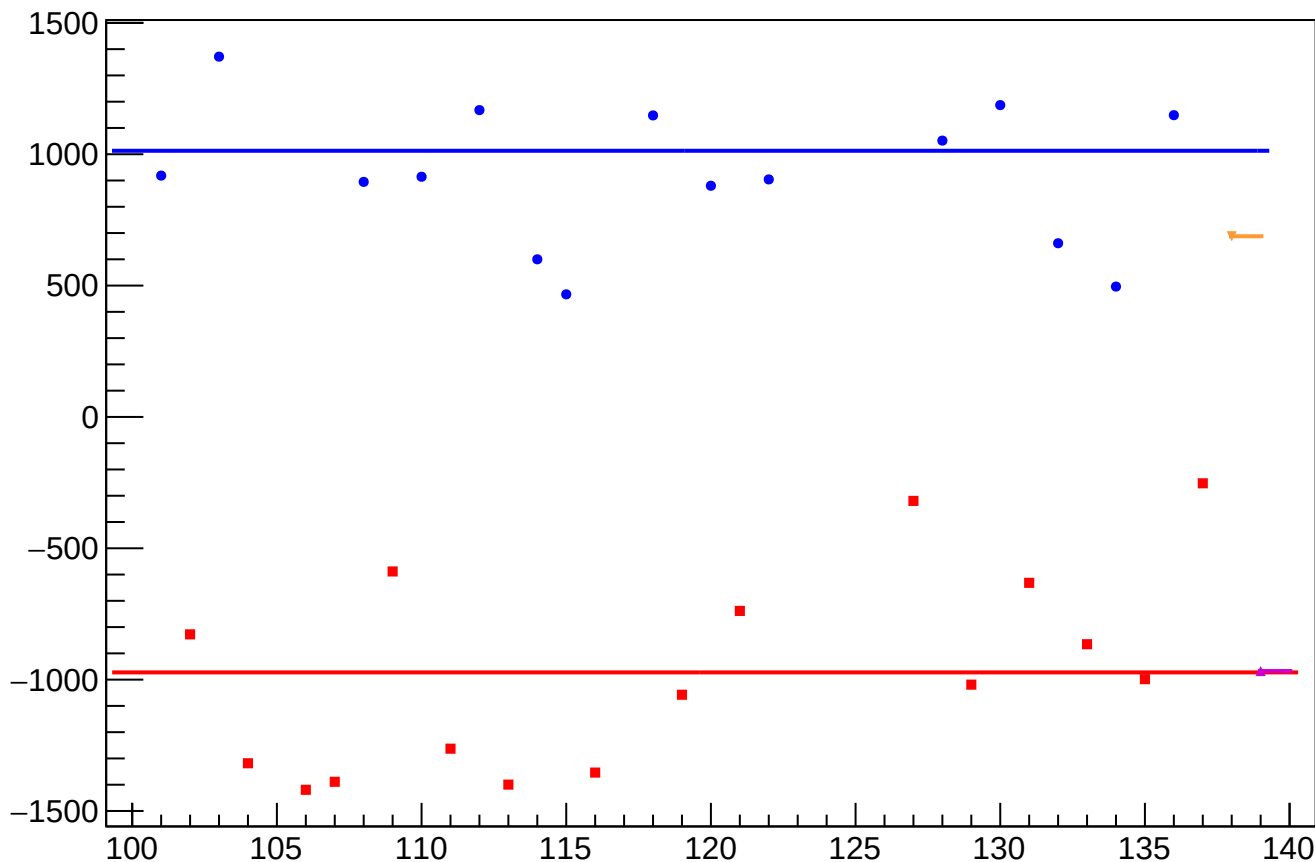
Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left: 62.055+/-0.000 χ^2/NDF : 38640912125048645
 Left Out: -440.311+/-0.000 χ^2/NDF : 0.0/0
 Right: 17.033+/-0.000 χ^2/NDF : 8991370549930185
 In: 237.930+/-0.000 χ^2/NDF : 32767963075059772
 Right Out: -160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Out: -189.807+/-0.000 χ^2/NDF : 568604380199909
 Left In: 545.815+/-0.000 χ^2/NDF : 0.0/0
 All: 21.887+/-0.000 χ^2/NDF : 9030299003617

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 143.764 +/- 0.000 $\chi^2/\text{NDF}: 4514785869565777849900508591821946880.0/14$
 Left Out: 68.749 +/- 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -132.341 +/- 0.000 $\chi^2/\text{NDF}: 3174087908796245287682359914282352640.0/15$
 Left In: -127.070 +/- 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.069 +/- 0.000 $\chi^2/\text{NDF}: 34460804239483$

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left: -155.384+/-0.000 χ^2/NDF : 108834486247056

Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

Left Out: 687.718+/-0.000

χ^2/NDF : 1008126.4/0

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

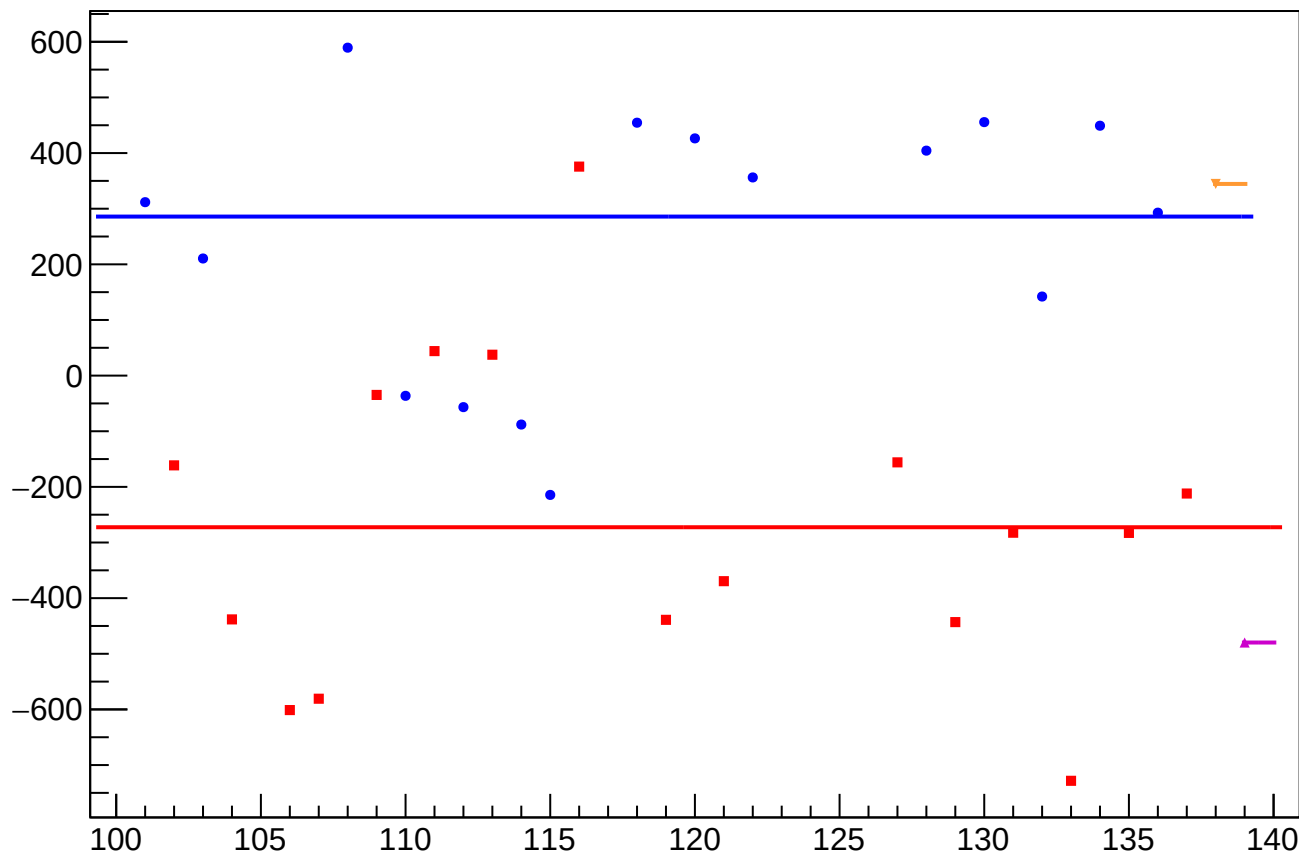
Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

Left In: -967.259+/-0.000

χ^2/NDF : 0.0/0

All: -10.717+/-0.000 χ^2/NDF : 152005958085

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: -479.766+/-0.000

χ^2/NDF : 0.0/0

In: 200.904+/-0.000

χ^2/NDF : 66320240891581465

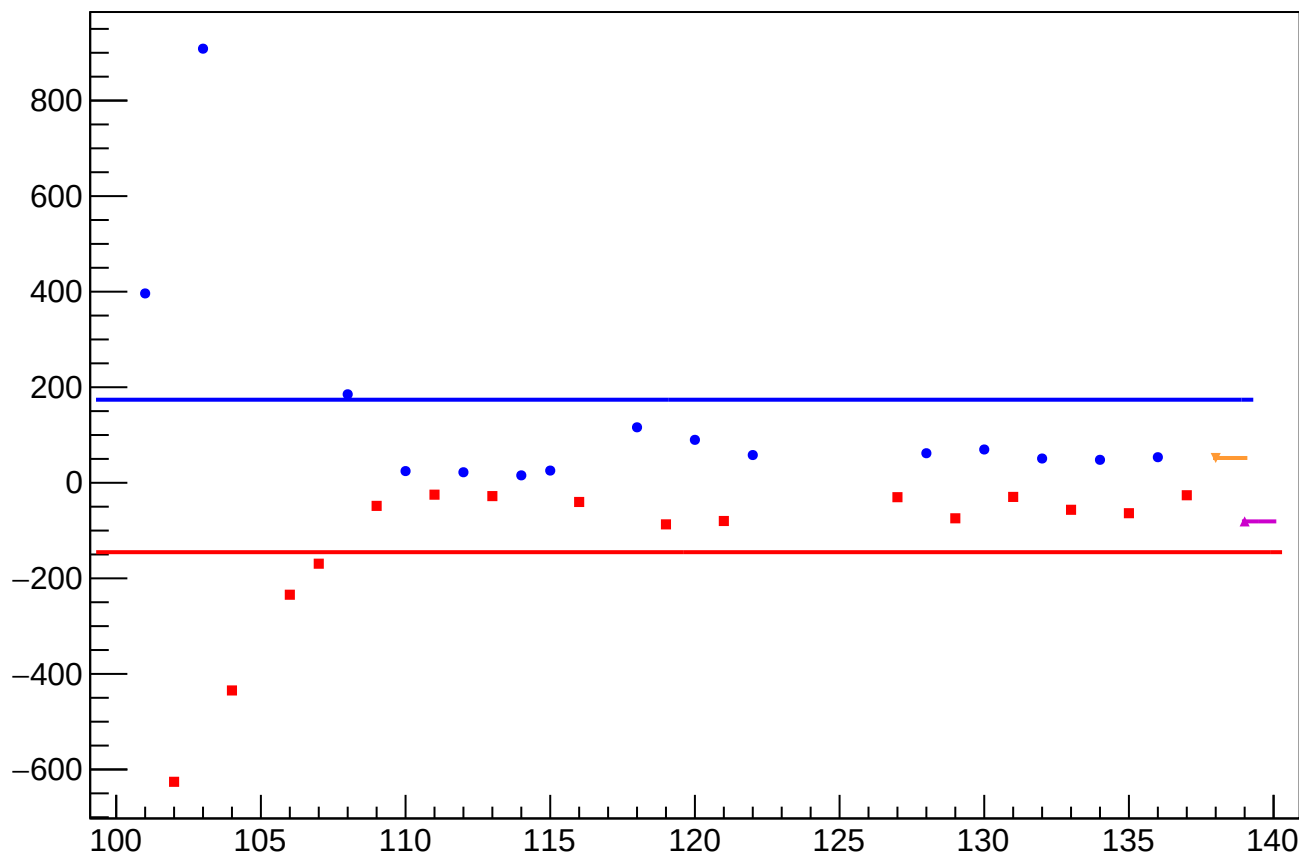
Out: -207.935+/-0.000

χ^2/NDF : 707390846559824

All: -5.594+/-0.000

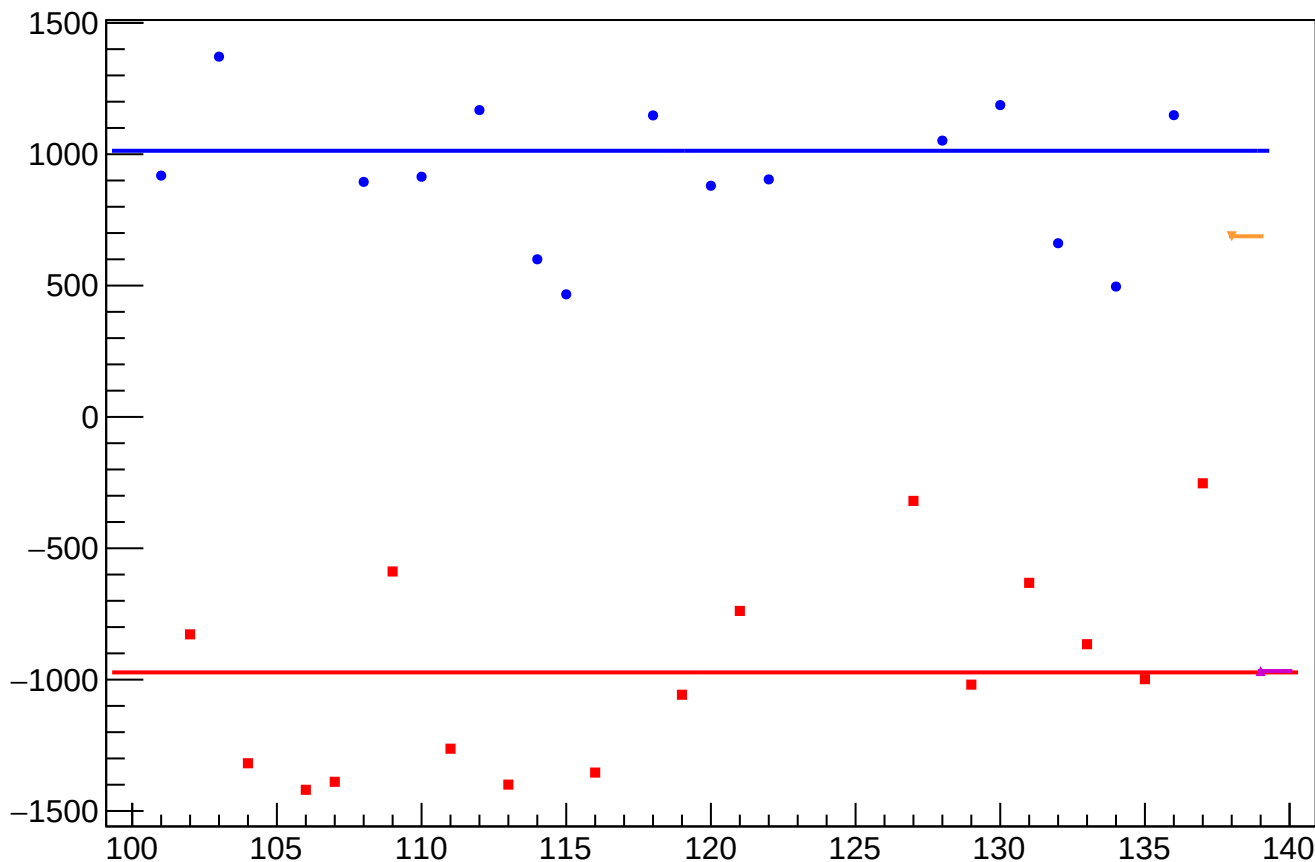
χ^2/NDF : 1986890714412

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left: -15.698+/-0.000 χ^2/NDF : 6996897519893047
 Right: 12.139+/-0.000 χ^2/NDF : 9772897307710637
 Left Out: 51.902+/-0.000 χ^2/NDF : 3938.0/0
 In: 145.614+/-0.000 χ^2/NDF : 4637581527607090
 Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Out: -124.589+/-0.000 χ^2/NDF : 252433684618674
 Left In: -80.795+/-0.000 χ^2/NDF : 16357.8/0
 All: 9.138+/-0.000 χ^2/NDF : 98538593984032

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left: -155.384+/-0.000 χ^2/NDF : 108834486247056

Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

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: -967.259+/-0.000

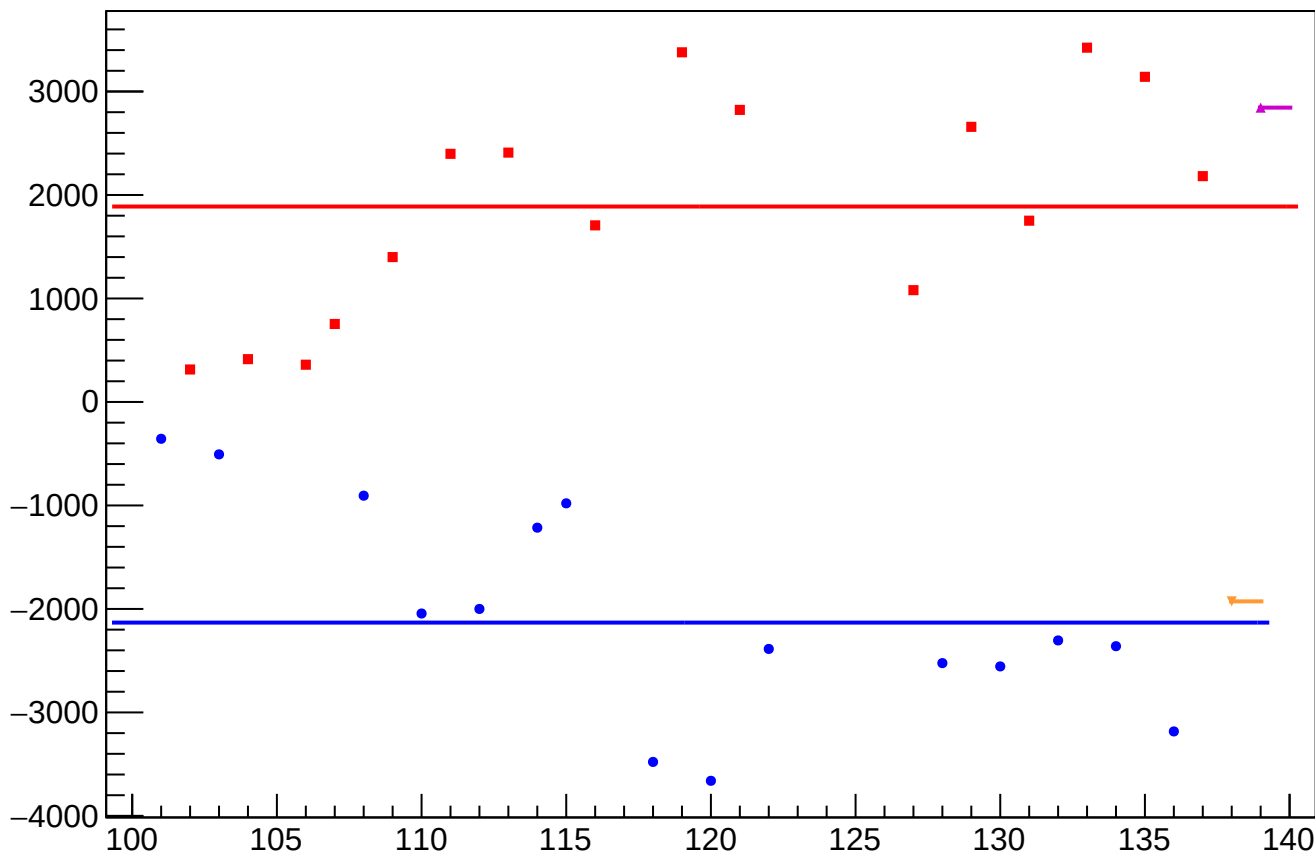
χ^2/NDF : 0.0/0

In: 793.403+/-0.000 χ^2/NDF : 31415409185449637

Out: -798.647+/-0.000 χ^2/NDF : 271360171639576

All: -10.717+/-0.000 χ^2/NDF : 152005958085

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: 2844.170+/-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: 503.678+/-0.000 χ^2/NDF : 9044859845833653

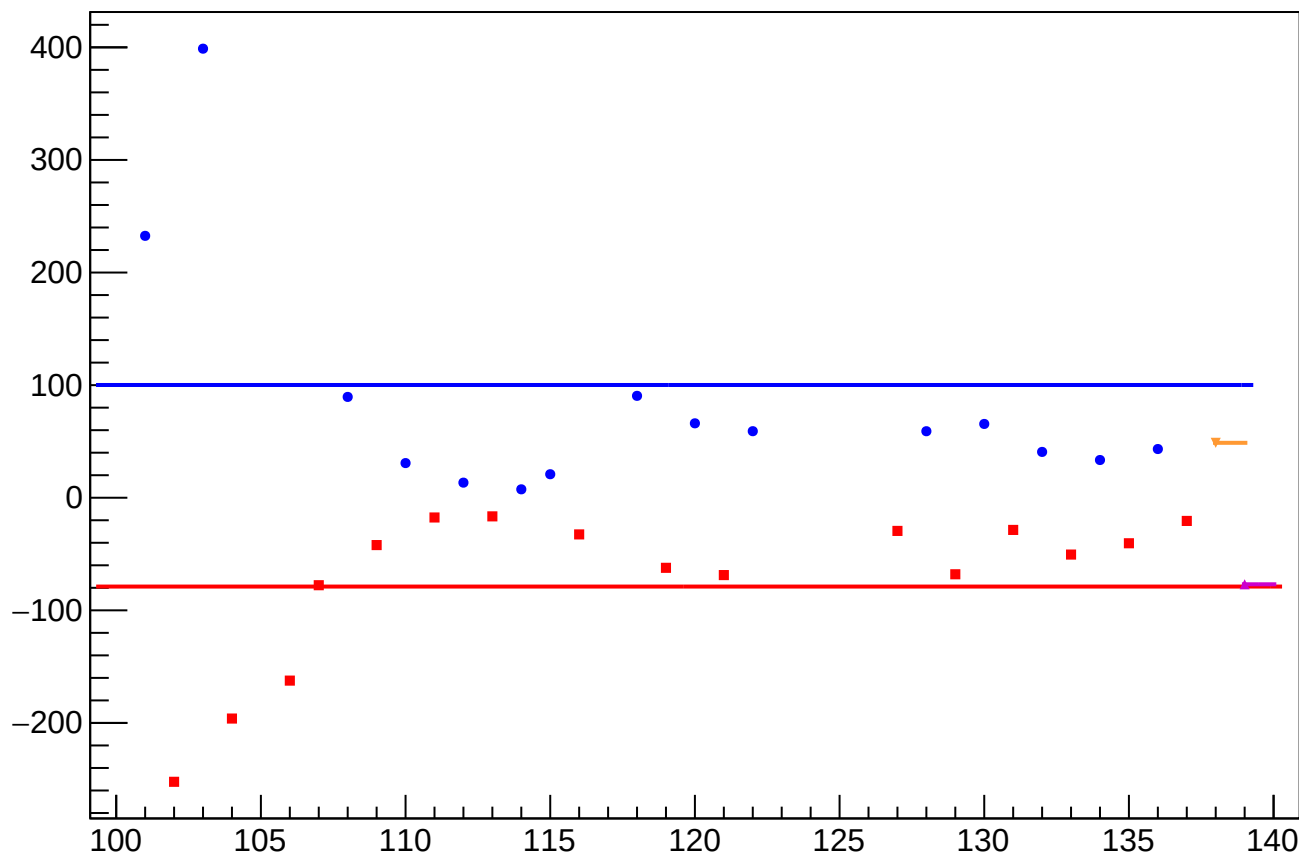
Right: -94.234+/-0.000 χ^2/NDF : 683113062504059

In: -1579.765+/-0.000 χ^2/NDF : 250555409054158

Out: 1488.996+/-0.000 χ^2/NDF : 180850944380635

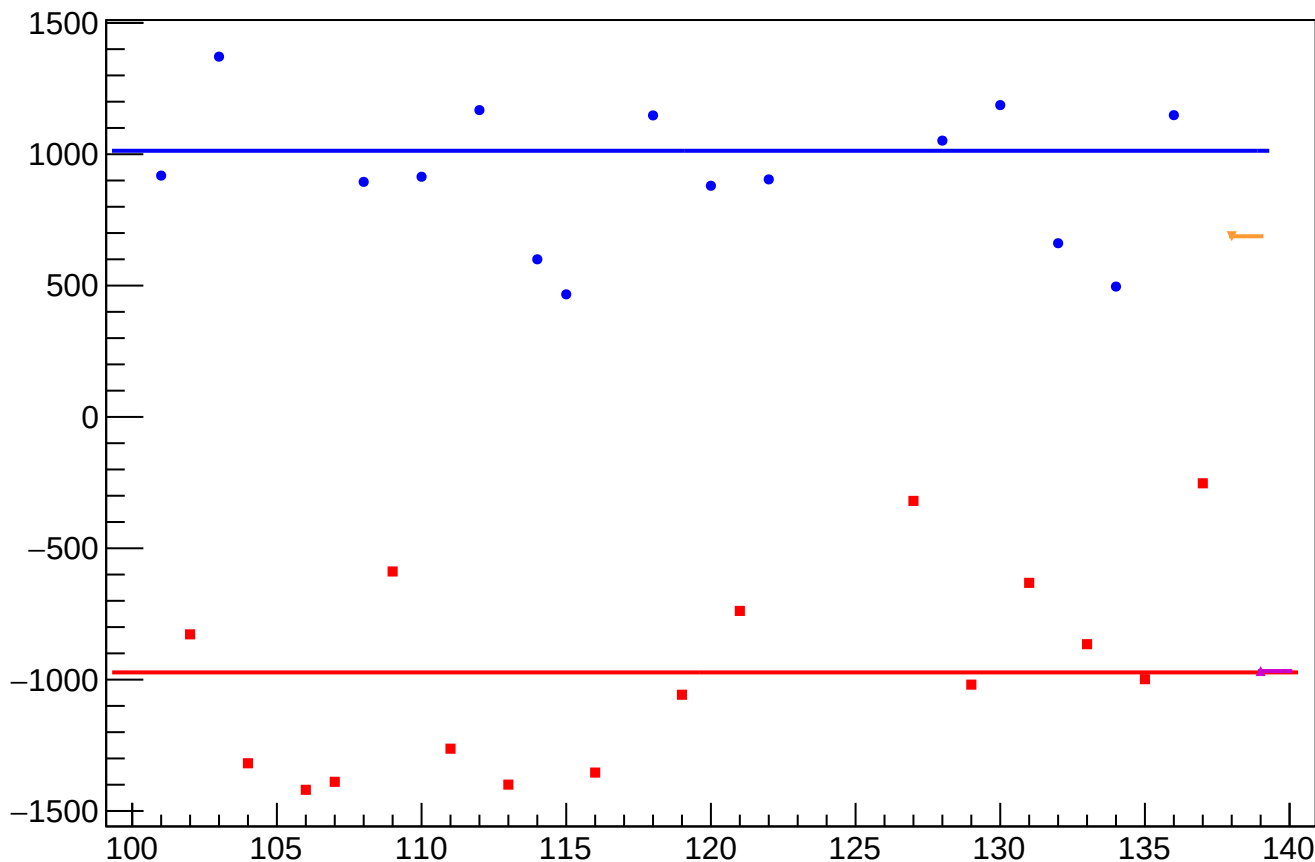
All: -29.781+/-0.000 χ^2/NDF : 778633151071

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left: -15.233+/-0.000 χ^2/NDF : 6272612771254411
 Right: 9.403+/-0.000 χ^2/NDF : 21880477100402541
 Left Out: 48.773+/-0.000 χ^2/NDF : 0.0/0
 In: 80.495+/-0.000 χ^2/NDF : 100700685598054595
 Right Out: -78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Out: -65.516+/-0.000 χ^2/NDF : 4663113673254627
 Left In: -76.868+/-0.000 χ^2/NDF : 0.0/0
 All: 6.747+/-0.000 χ^2/NDF : 22593833921429

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: -967.259+/-0.000

χ^2/NDF : 0.0/0

In: 793.403+/-0.000

χ^2/NDF : 31415409185449637

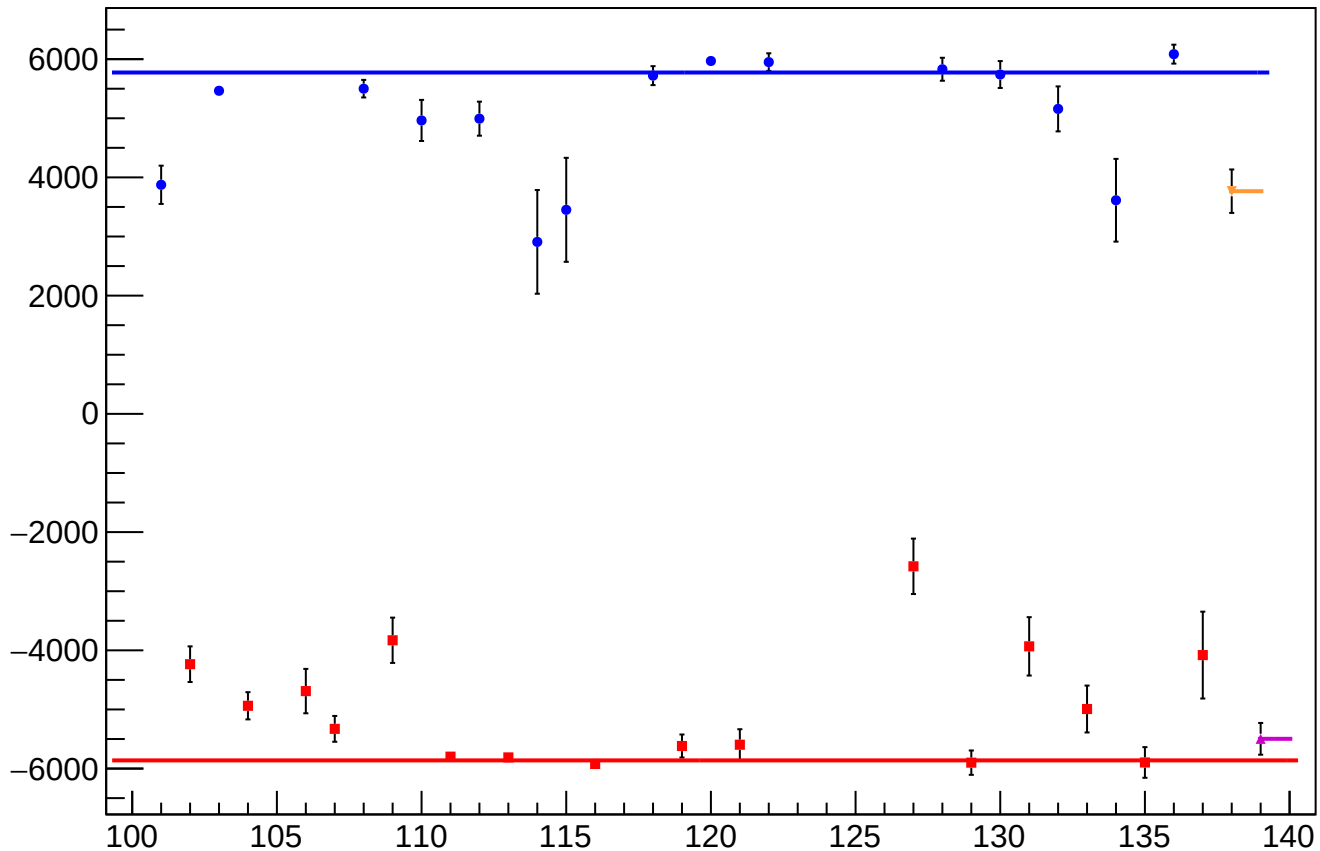
Out: -798.647+/-0.000

χ^2/NDF : 271360171639576

All: -10.717+/-0.000

χ^2/NDF : 152005958085

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: -5496.716+/-268.708 χ^2/NDF : 0.0/0

Left: -2270.541+/-216.927 χ^2/NDF : 413.9/1

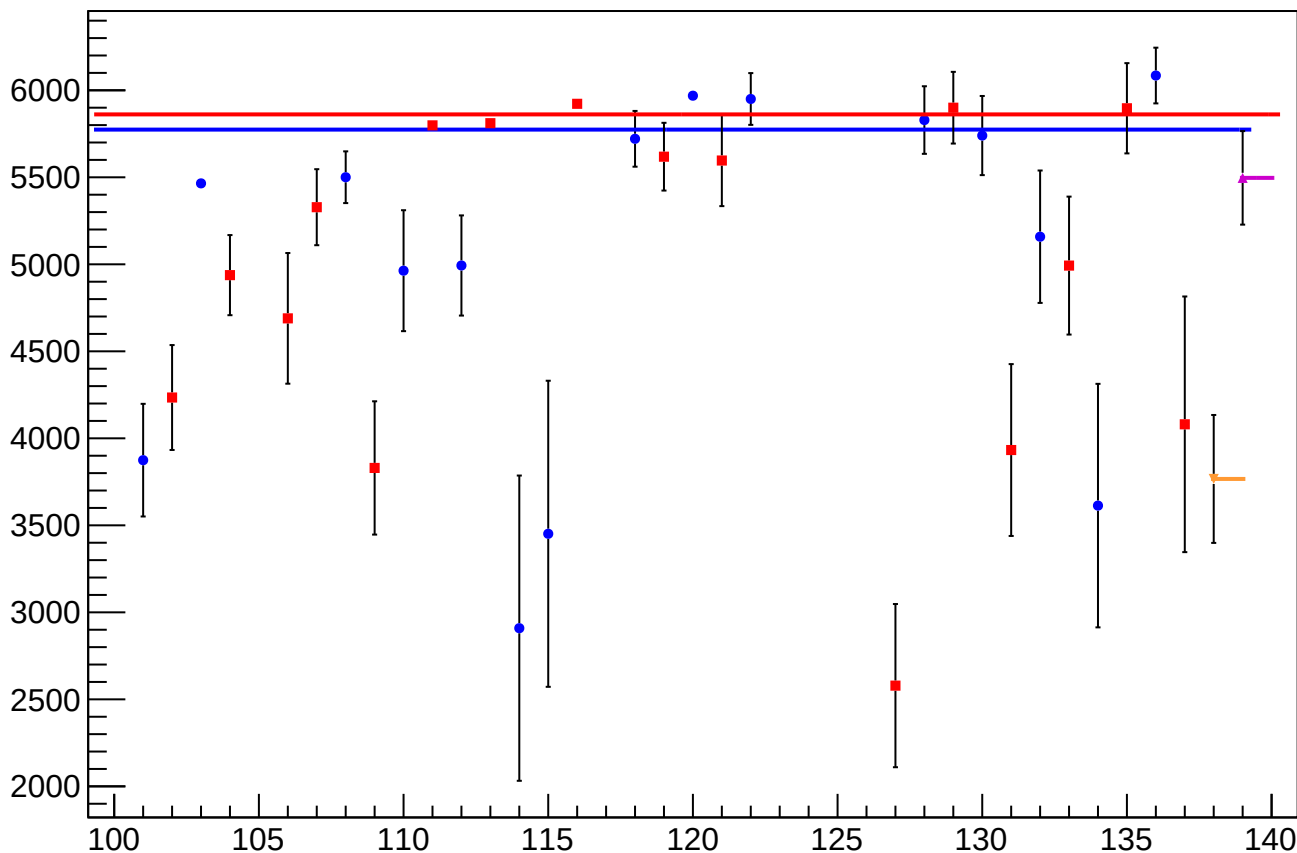
Right: -1536.191+/-0.111 χ^2/NDF : 2585354230.9/30

In: 5774.112+/-0.181 χ^2/NDF : 1830285.8/15

Out: -5861.460+/-0.140 χ^2/NDF : 180706.5/16

All: -1536.191+/-0.111 χ^2/NDF : 2585354656

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2/NDF : 1828526.5/14

Left Out: 3766.577 $\pm$ 367.580 χ^2/NDF : 0.0/0

Right Out: 5861.461 $\pm$ 0.140 χ^2/NDF : 180020.4/15

Left In: 5496.716 $\pm$ 268.708 χ^2/NDF : 0.0/0

Left: 4894.151 $\pm$ 216.927 χ^2/NDF : 14.4/1

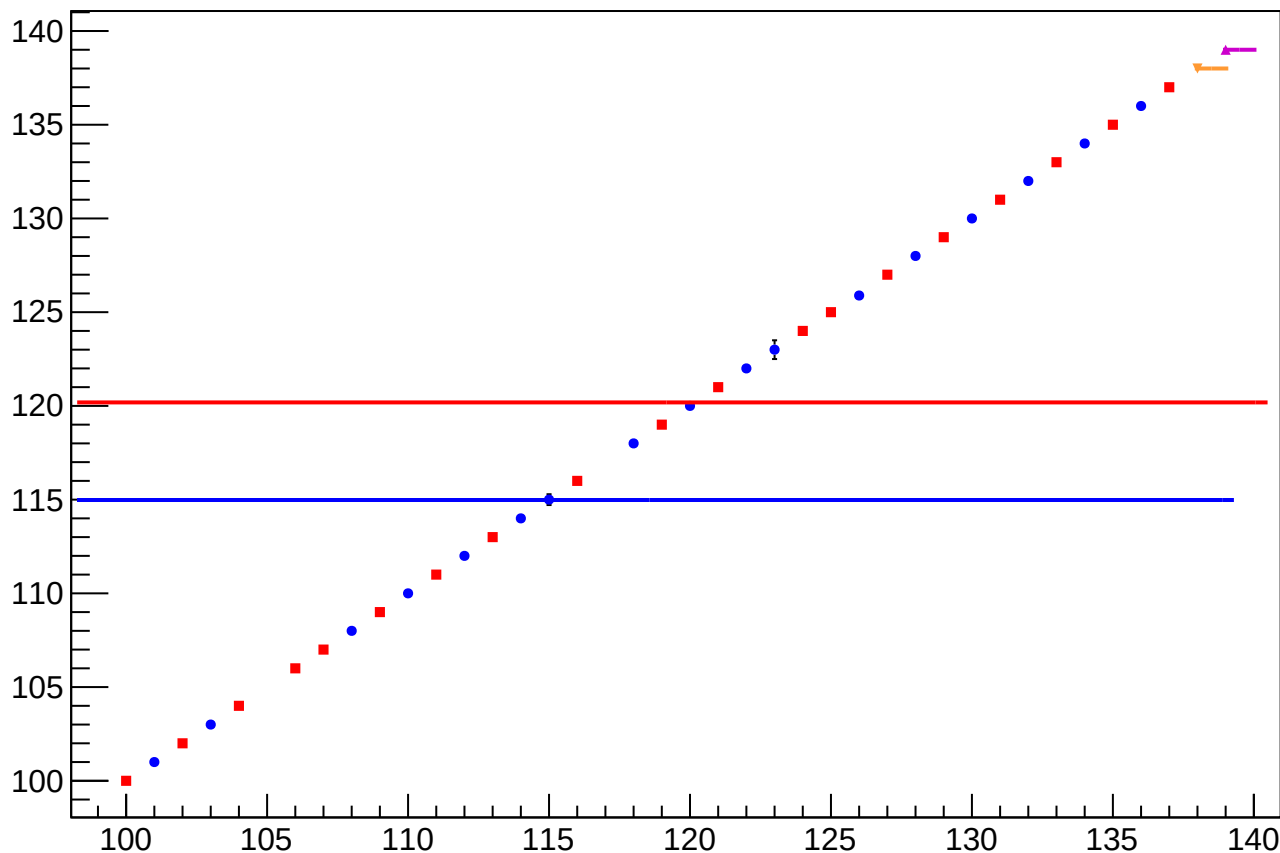
Right: 5828.993 $\pm$ 0.111 χ^2/NDF : 2154118.4/30

In: 5774.117 $\pm$ 0.181 χ^2/NDF : 1828527.6/15

Out: 5861.461 $\pm$ 0.140 χ^2/NDF : 180052.9/16

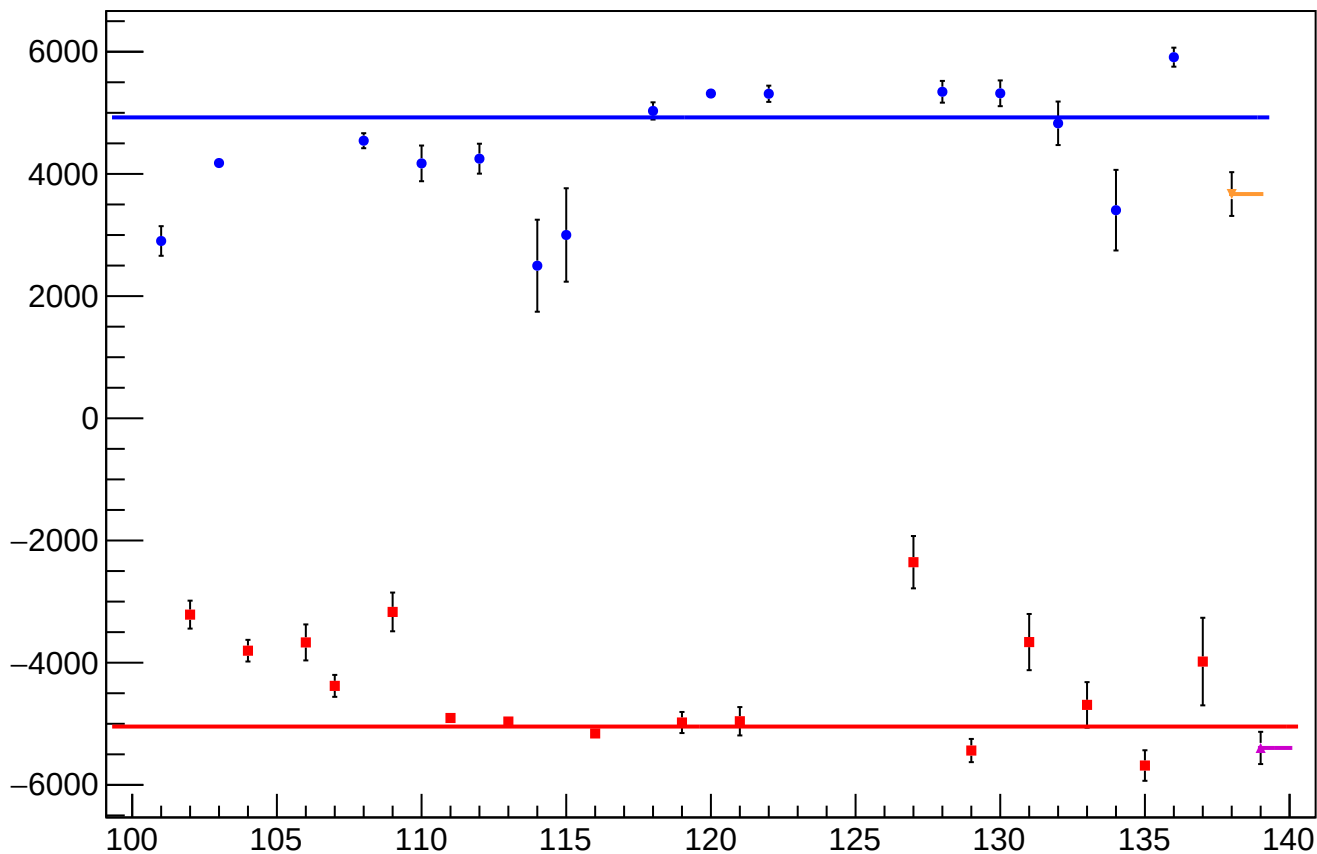
All: 5828.992 $\pm$ 0.111 χ^2/NDF : 2154151.4/32

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 138.000+/-0.000 χ^2/NDF : 77.0/0
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 139.000+/-0.111 χ^2/NDF : 0.0/0
 All: 117.868+/-0.000 χ^2/NDF : 220949351482

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 3670.641+/-358.219 χ^2/NDF :0.0/0

Right Out: -5045.221+/-0.668 χ^2/NDF : 30179.9/15

Left In: -5395.309+/-263.770 χ^2/NDF :0.0/0

Left: -2207.966+/-212.401 χ^2/NDF : 415.3/1

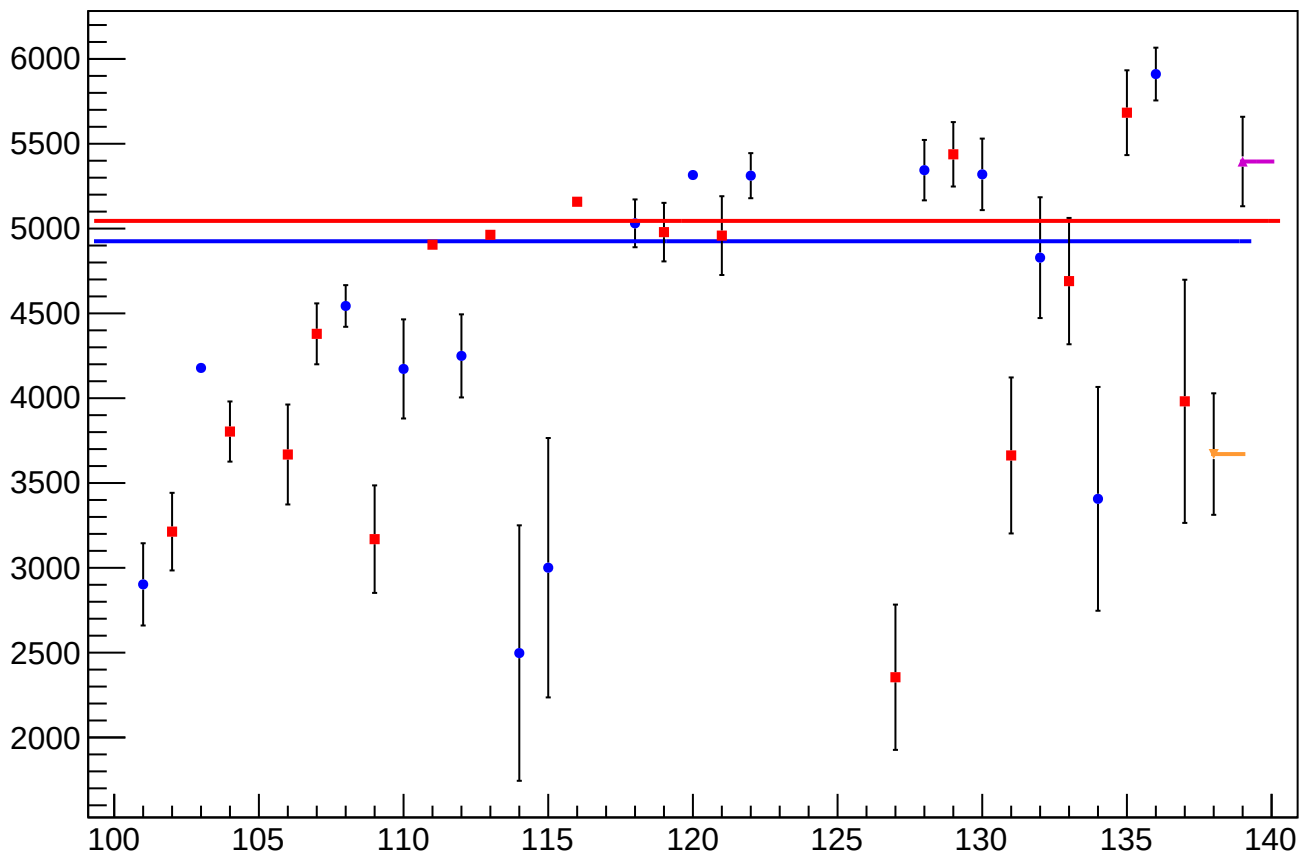
Right: -1694.510+/-0.544 χ^2/NDF : 75266282.5/30

In: 4925.175+/-0.939 χ^2/NDF :332525.5/15

Out: -5045.191+/-0.668 χ^2/NDF :30771.9/16

All: -1694.514+/-0.544 χ^2/NDF : 75266703.7/

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: 5395.309 $\pm$ 263.770 χ^2 /NDF:0.0/0

Left: 4788.962 $\pm$ 212.401 χ^2 /NDF: 15.0/1

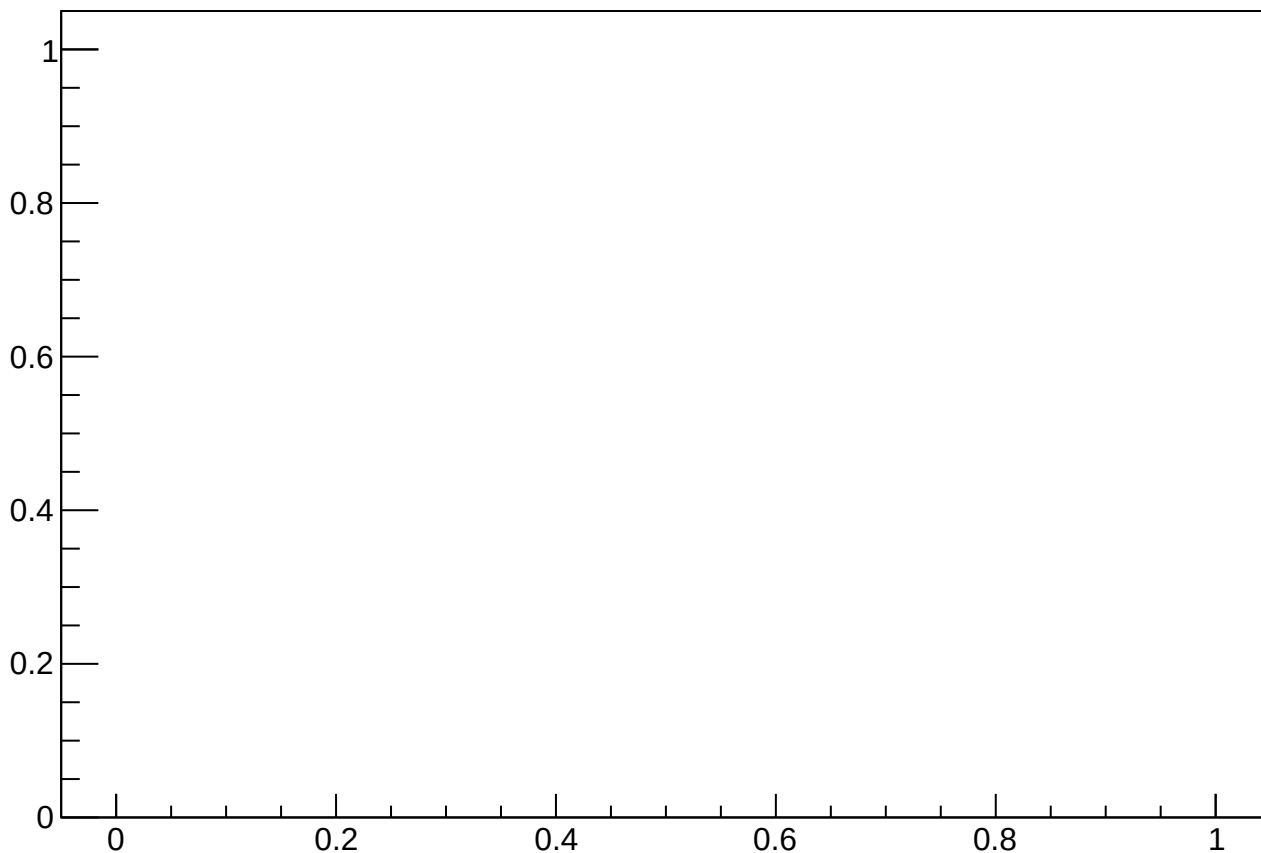
Right: 5004.922 $\pm$ 0.544 χ^2 /NDF: 372009.4/30

In: 4925.311 $\pm$ 0.939 χ^2 /NDF:330997.8/15

Out: 5045.216 $\pm$ 0.668 χ^2 /NDF:30194.6/16

All: 5004.921 $\pm$ 0.544 χ^2 /NDF: 372025.5/32

dit_scandata1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

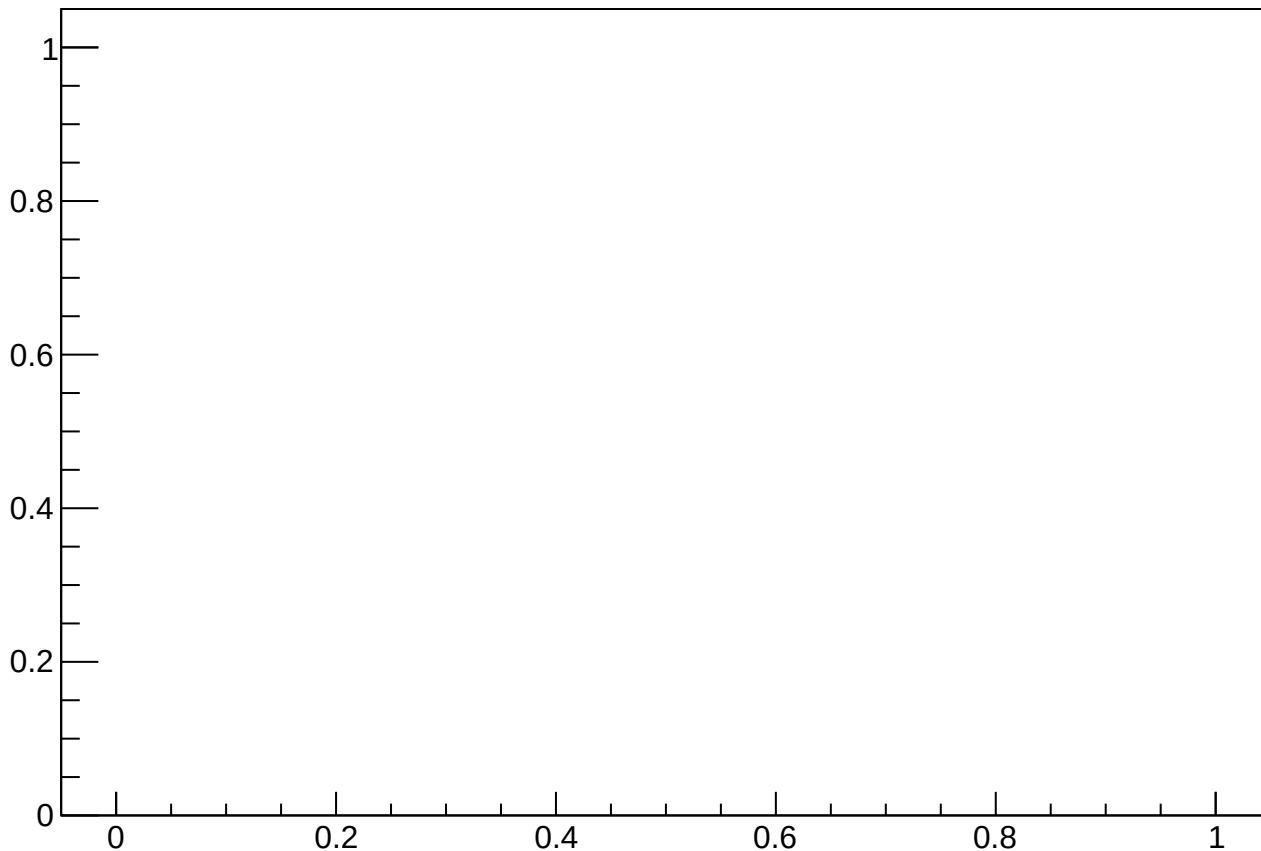
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

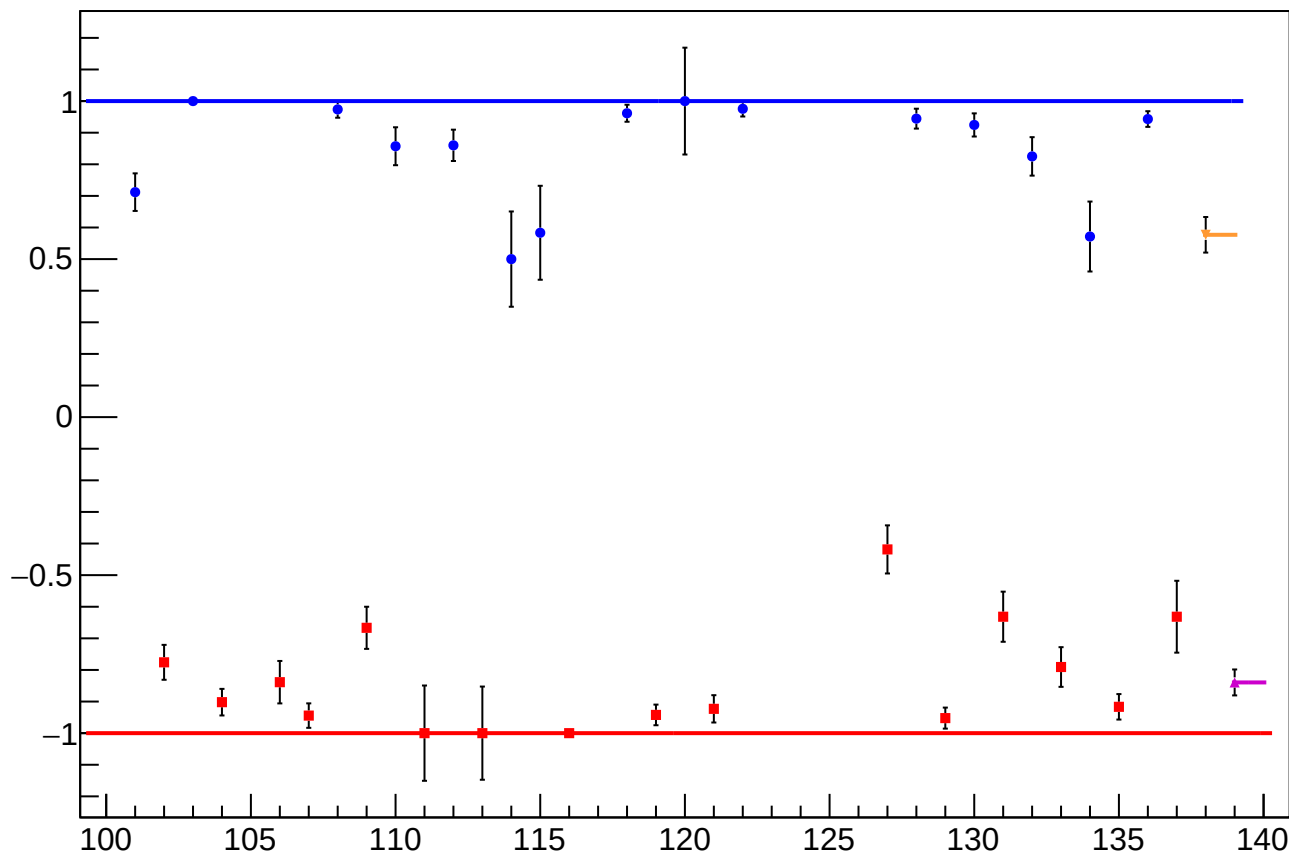
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.577+/-0.056 χ^2/NDF : 0.0/0

Right Out: -1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: -0.840+/-0.041 χ^2/NDF : 0.0/0

Left: -0.348+/-0.033 χ^2/NDF : 413.3/1

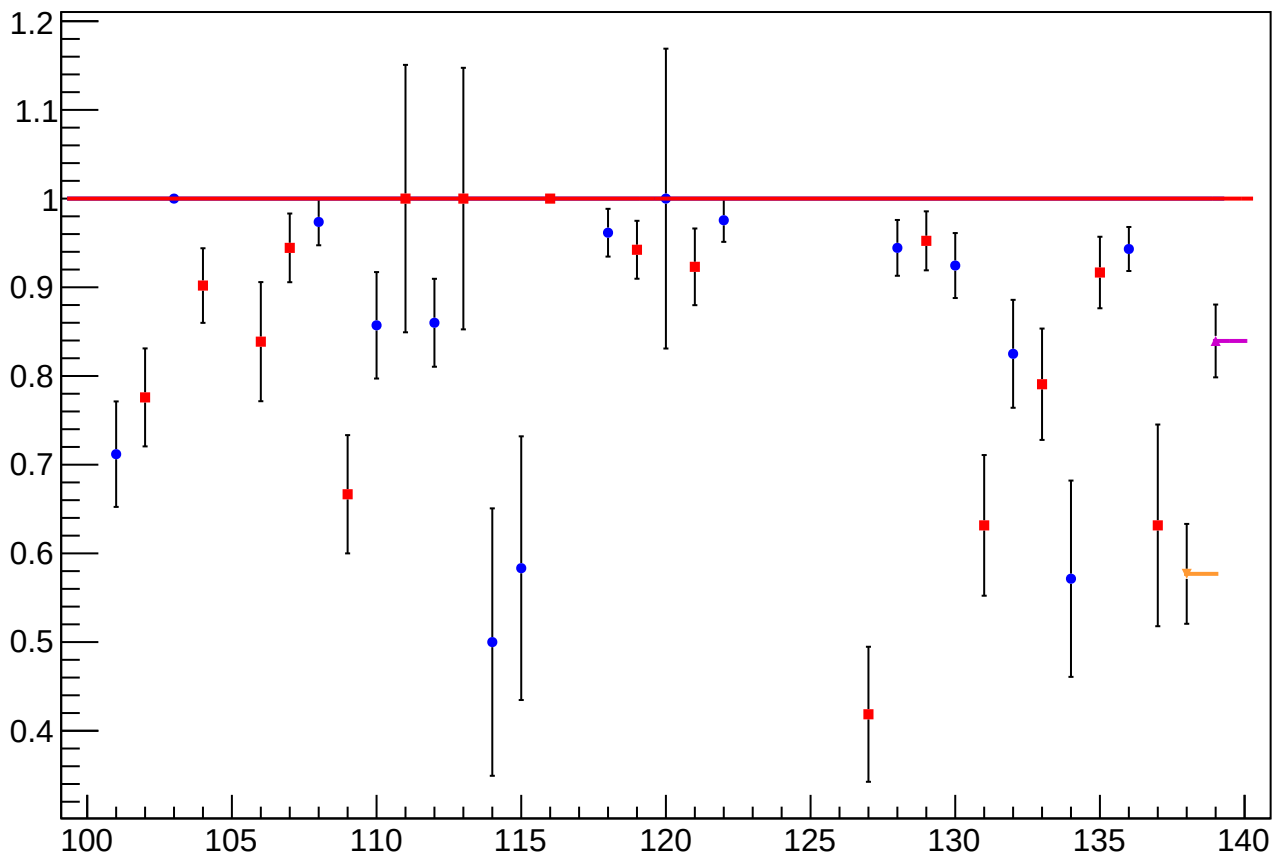
Right: 0.398+/-0.000 χ^2/NDF : 14173250084479480

In: 1.000+/-0.000 χ^2/NDF : 2105.0/15

Out: -1.000+/-0.000 χ^2/NDF : 953.3/16

All: 0.398+/-0.000 χ^2/NDF : 14173250084479

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.577 $\pm$ 0.056 χ^2 /NDF:0.0/0

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

Left In: 0.840 $\pm$ 0.041 χ^2 /NDF:0.0/0

Left: 0.748 $\pm$ 0.033 χ^2 /NDF: 14.2/1

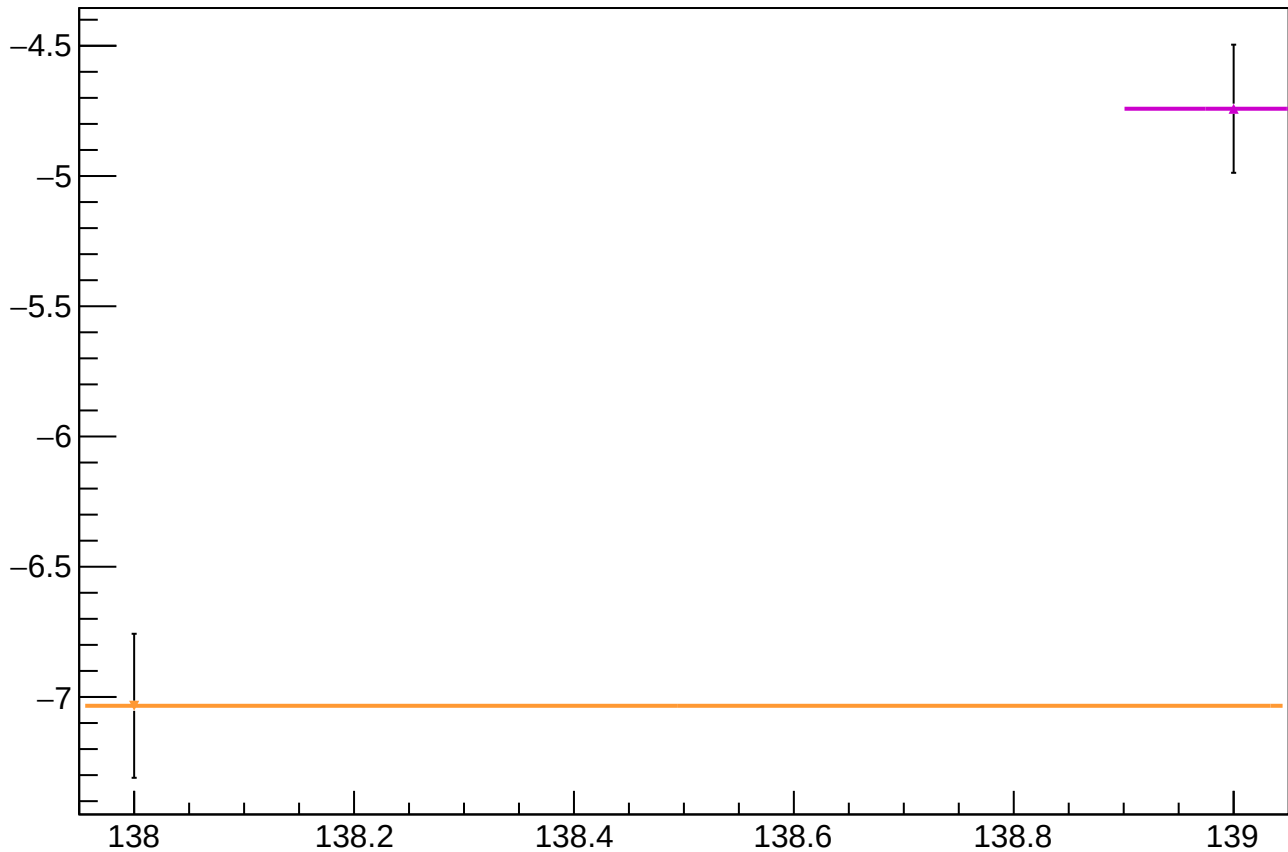
Right: 1.000 $\pm$ 0.000 χ^2 /NDF: 347.8/30

In: 1.000 $\pm$ 0.000 χ^2 /NDF:111.2/15

Out: 1.000 $\pm$ 0.000 χ^2 /NDF:225.3/16

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 419.5/32

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: -4.742 ± 0.246 χ^2/NDF : 0.0/0

Left: -5.754 ± 0.184 χ^2/NDF : 38.4/1

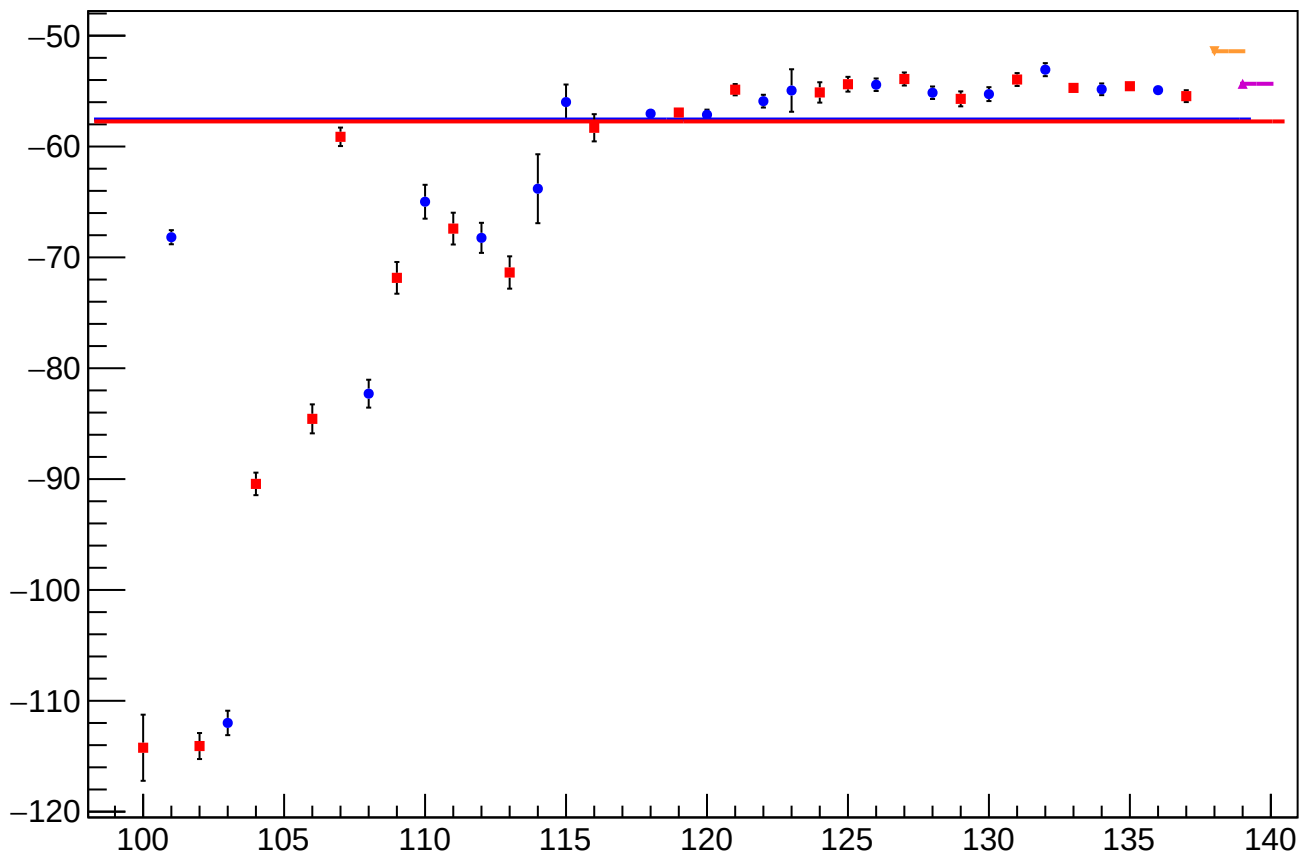
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -4.742 ± 0.246 χ^2/NDF : 0.0/0

Out: -7.034 ± 0.276 χ^2/NDF : 0.0/0

All: -5.754 ± 0.184 χ^2/NDF : 38.4/1

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: -54.340 ± 0.445 χ^2/NDF : 0.0/0

Left: -52.415 ± 0.261 χ^2/NDF : 28.6/1

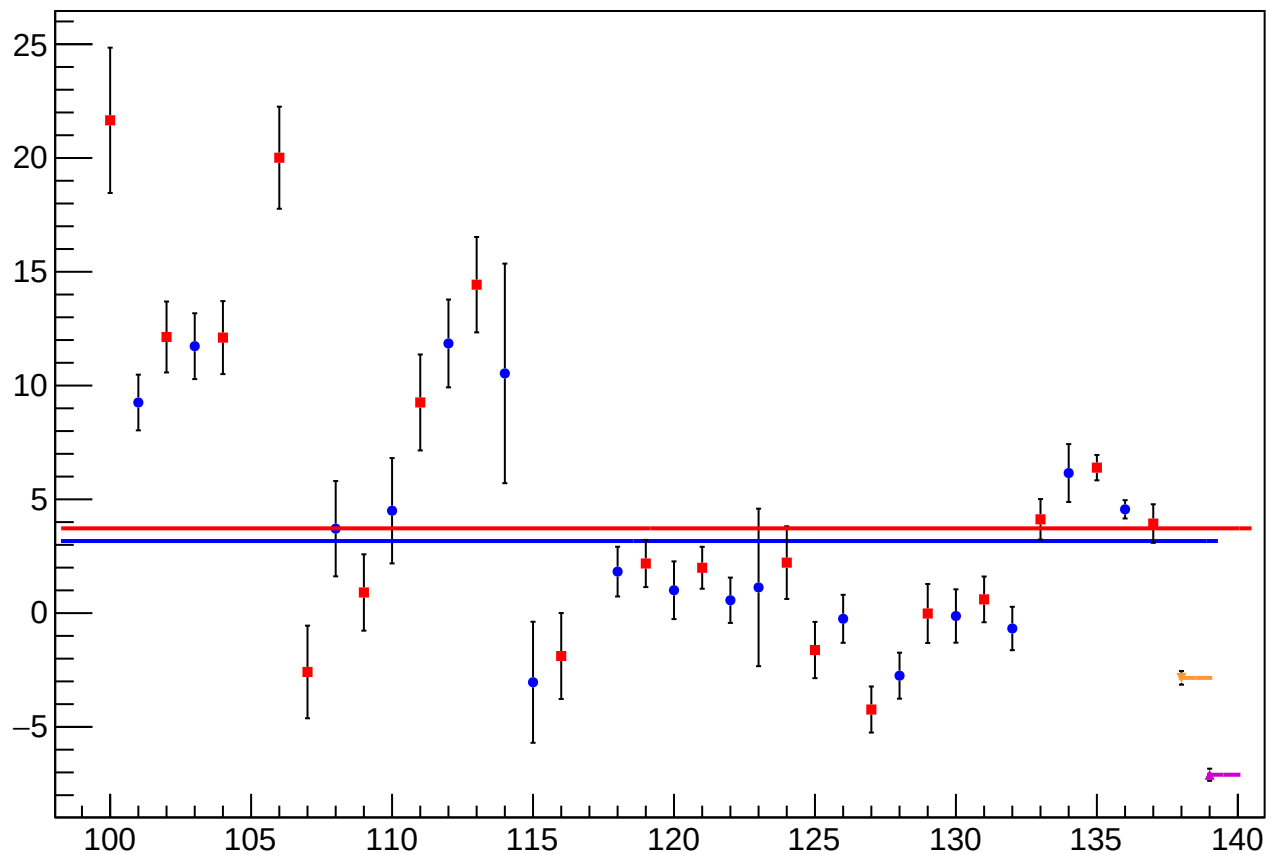
Right: -57.649 ± 0.101 χ^2/NDF : 8155.1/35

In: -57.267 ± 0.135 χ^2/NDF : 3503.6/17

Out: -56.694 ± 0.131 χ^2/NDF : 5020.9/19

All: -56.972 ± 0.094 χ^2/NDF : 8533.9/37

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -2.845 ± 0.300 χ^2/NDF : 0.0/0

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

Left In: -7.102 ± 0.266 χ^2/NDF : 0.0/0

Left: -5.228 ± 0.199 χ^2/NDF : 112.6/1

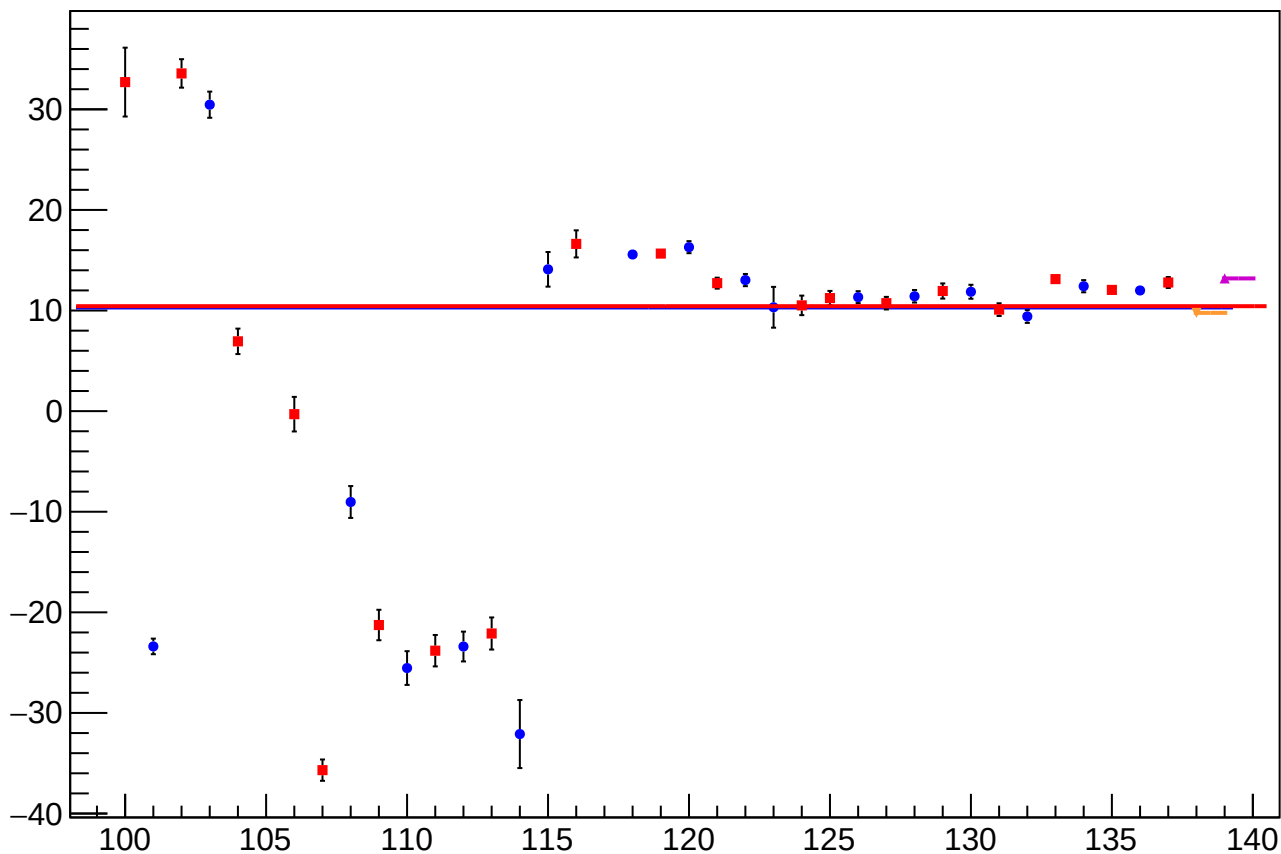
Right: 3.437 ± 0.185 χ^2/NDF : 511.7/35

In: -1.802 ± 0.185 χ^2/NDF : 954.6/17

Out: 0.822 ± 0.200 χ^2/NDF : 590.8/19

All: -0.588 ± 0.136 χ^2/NDF : 1638.3/37

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306 ± 0.157 χ^2/NDF : 3712.3/16

Left Out: 9.767 ± 0.354 χ^2/NDF : 0.0/0

Right Out: 10.433 ± 0.160 χ^2/NDF : 3828.5/18

Left In: 13.192 ± 0.428 χ^2/NDF : 0.0/0

Left: 11.155 ± 0.273 χ^2/NDF : 38.0/1

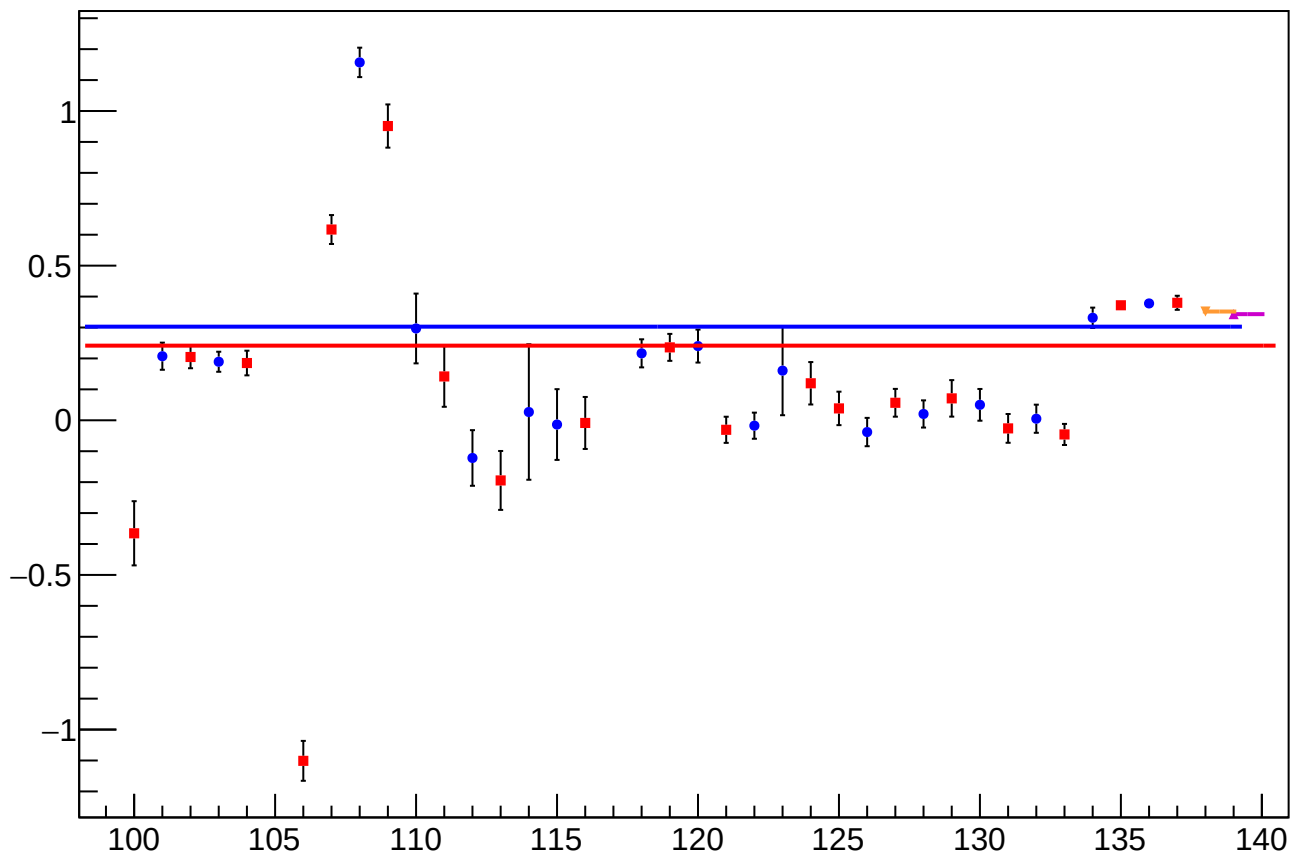
Right: 10.368 ± 0.112 χ^2/NDF : 7541.1/35

In: 10.647 ± 0.147 χ^2/NDF : 3752.3/17

Out: 10.320 ± 0.146 χ^2/NDF : 3831.4/19

All: 10.481 ± 0.104 χ^2/NDF : 7586.2/37

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.352 ± 0.012 χ^2/NDF : 0.0/0

Right Out: 0.241 ± 0.008 χ^2/NDF : 986.7/18

Left In: 0.343 ± 0.009 χ^2/NDF : 0.0/0

Left: 0.347 ± 0.007 χ^2/NDF : 0.3/1

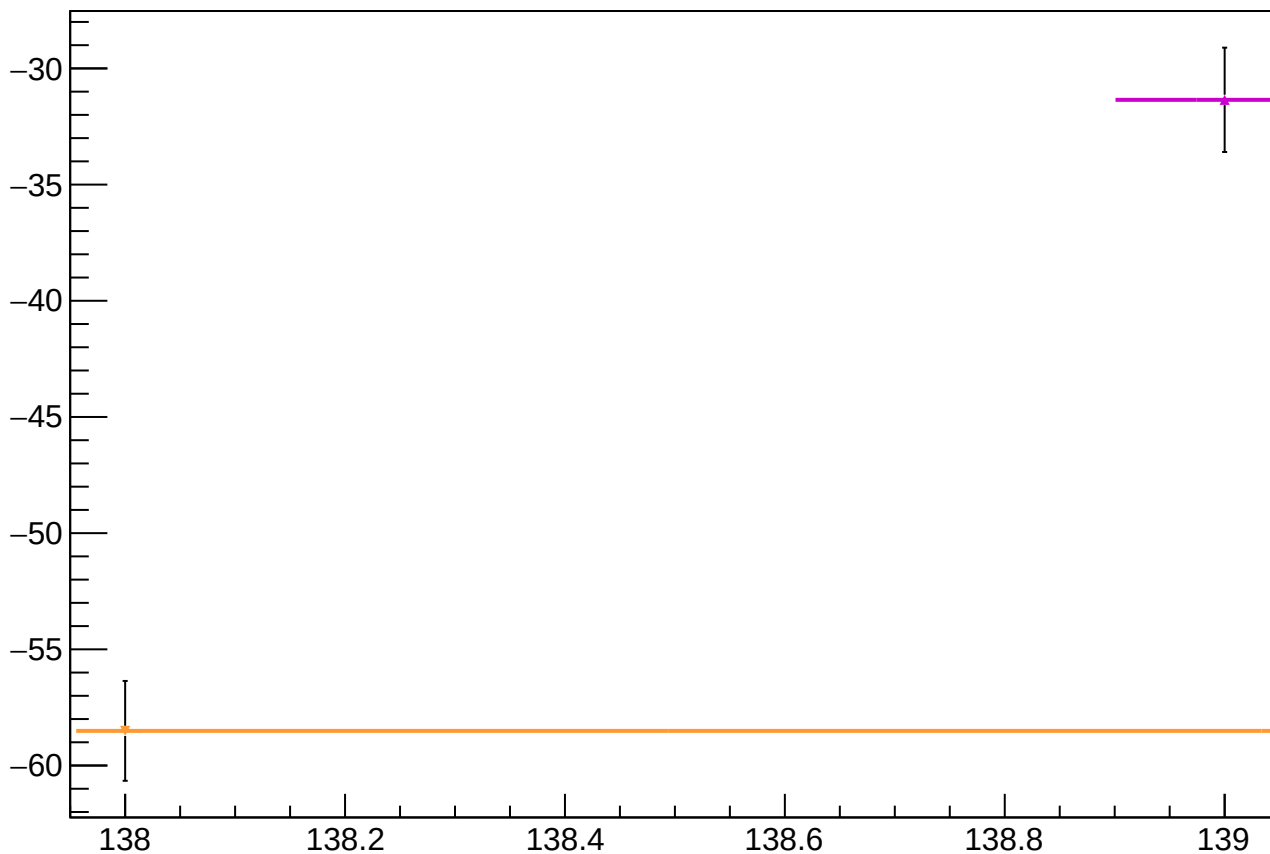
Right: 0.273 ± 0.006 χ^2/NDF : 1660.4/35

In: 0.320 ± 0.006 χ^2/NDF : 657.1/17

Out: 0.280 ± 0.007 χ^2/NDF : 1046.2/19

All: 0.302 ± 0.005 χ^2/NDF : 1722.2/37

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: -31.352+/-2.244 χ^2/NDF : 0.0/0

Left: -45.525+/-1.552 χ^2/NDF : 76.4/1

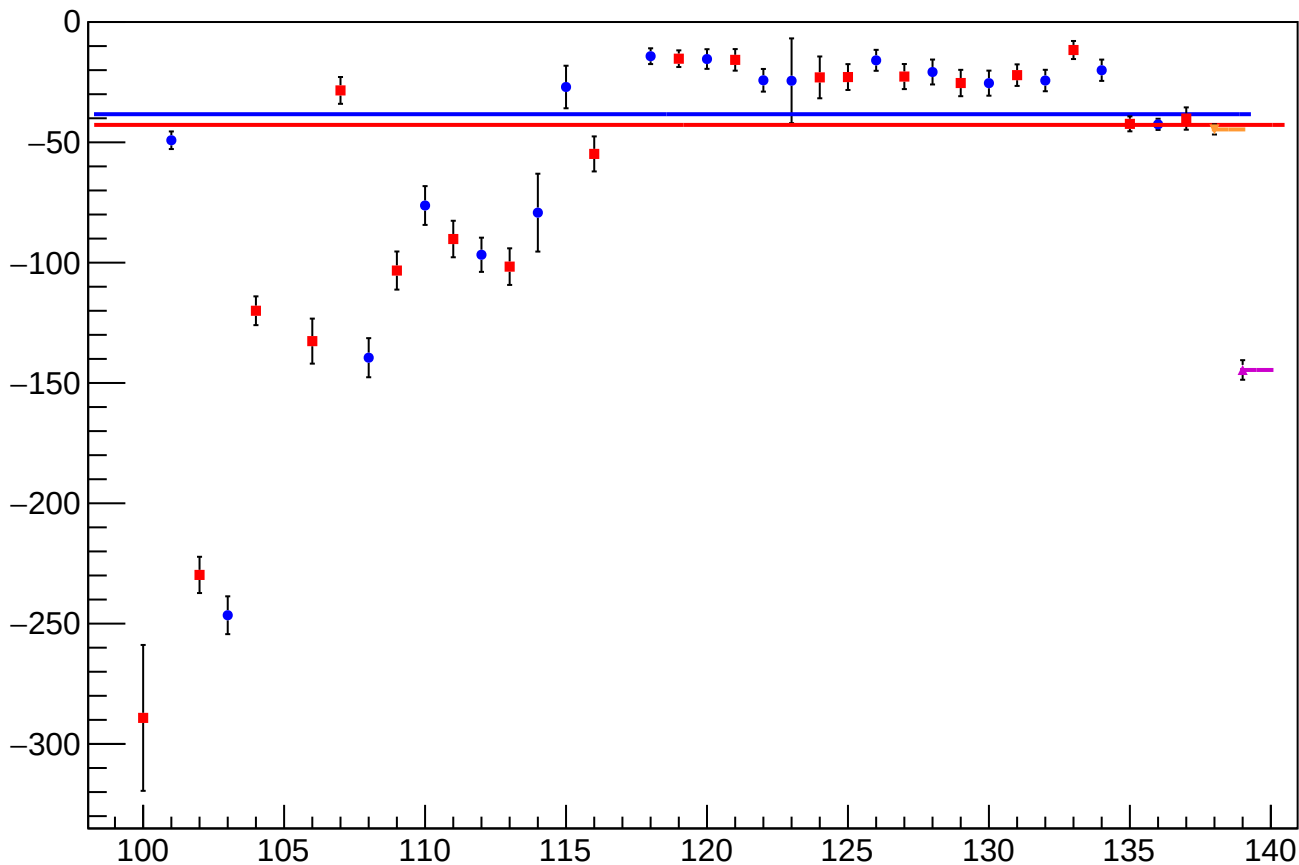
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.352+/-2.244 χ^2/NDF : 0.0/0

Out: -58.509+/-2.148 χ^2/NDF : 0.0/0

All: -45.525+/-1.552 χ^2/NDF : 76.4/1

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 $\pm$ 1.137 χ^2 /NDF: 1132.7/16

Left Out: -44.638 $\pm$ 2.106 χ^2 /NDF: 0.0/0

Right Out: -42.756 $\pm$ 1.211 χ^2 /NDF: 1341.6/18

Left In: -144.594 $\pm$ 4.071 χ^2 /NDF: 0.0/0

Left: -65.746 $\pm$ 1.871 χ^2 /NDF: 475.5/1

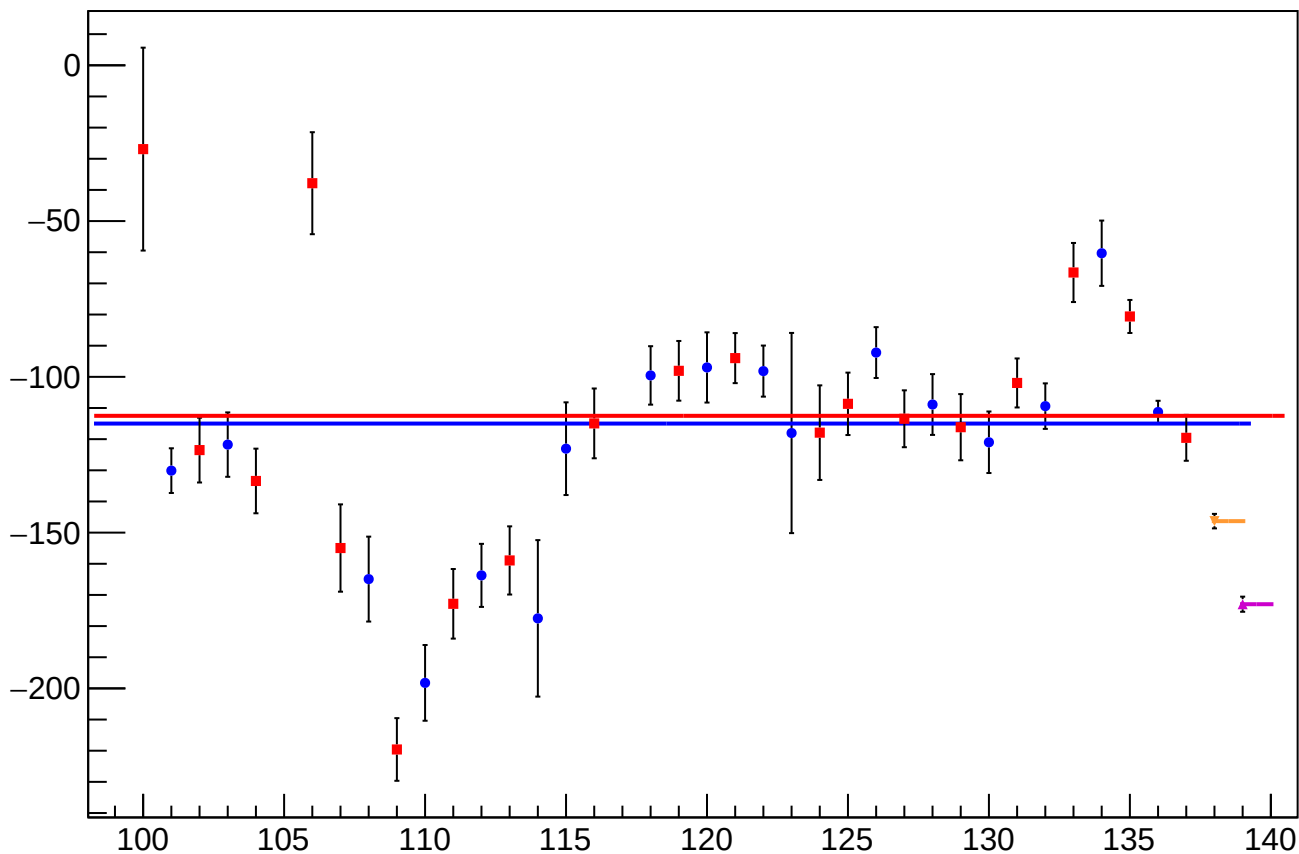
Right: -40.393 $\pm$ 0.829 χ^2 /NDF: 2481.4/35

In: -45.998 $\pm$ 1.095 χ^2 /NDF: 1764.9/17

Out: -43.223 $\pm$ 1.050 χ^2 /NDF: 1342.2/19

All: -44.552 $\pm$ 0.758 χ^2 /NDF: 3110.4/37

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: -172.979 ± 2.428 χ^2/NDF : 0.0/0

Left: -159.091 ± 1.681 χ^2/NDF : 62.8/1

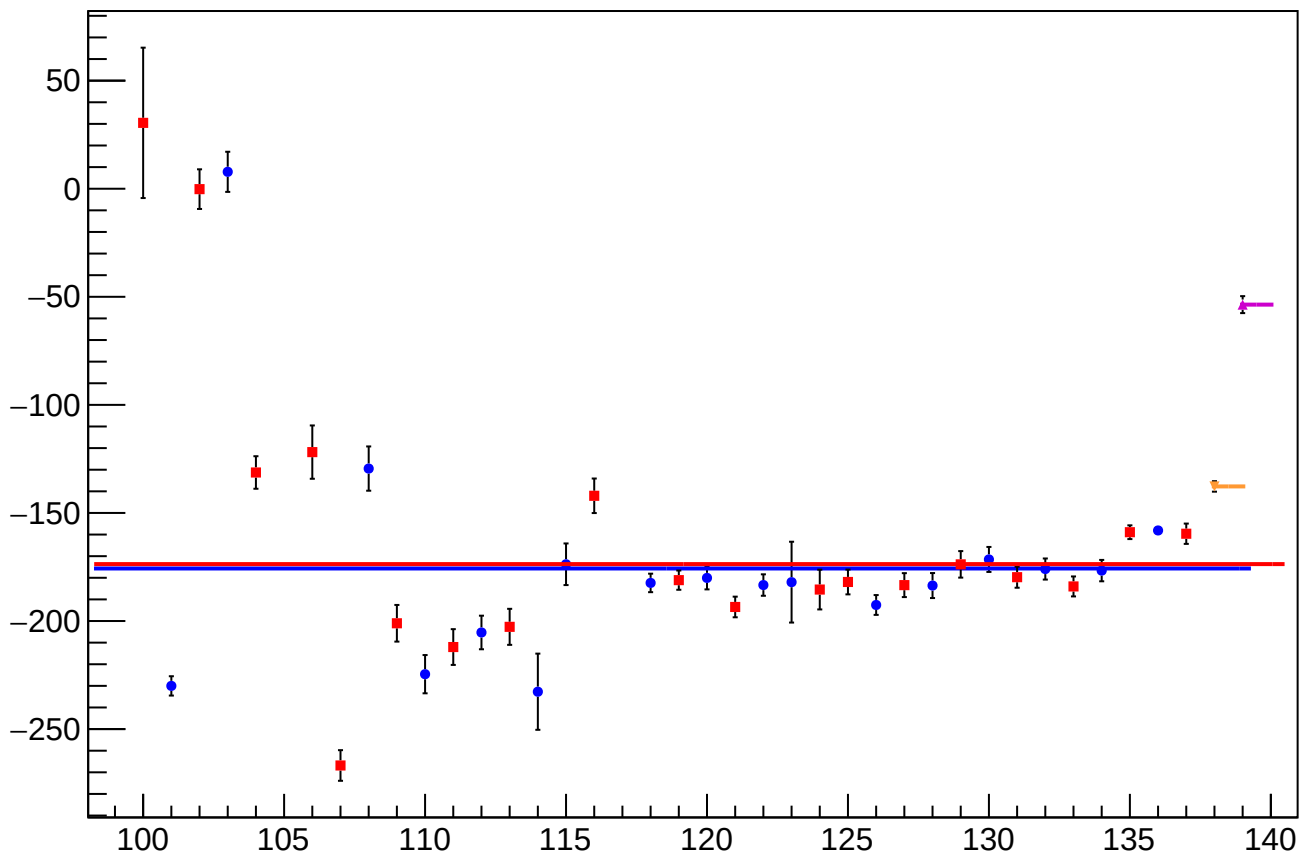
Right: -113.831 ± 1.511 χ^2/NDF : 415.6/35

In: -139.433 ± 1.576 χ^2/NDF : 471.7/17

Out: -128.501 ± 1.602 χ^2/NDF : 384.1/19

All: -134.055 ± 1.123 χ^2/NDF : 879.5/37

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: -53.620 ± 3.922 χ^2/NDF : 0.0/0

Left: -114.479 ± 2.062 χ^2/NDF : 332.8/1

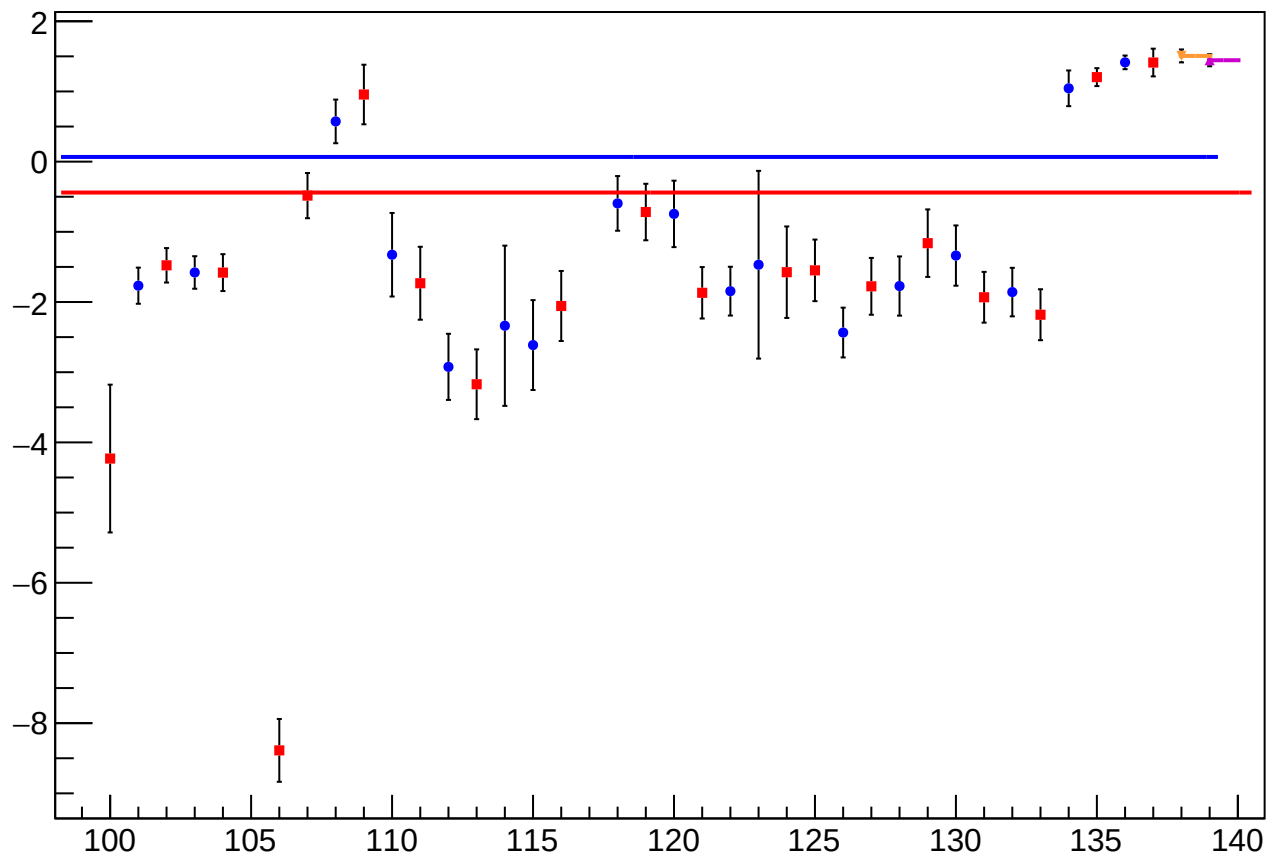
Right: -174.749 ± 0.926 χ^2/NDF : 1431.8/35

In: -164.148 ± 1.206 χ^2/NDF : 1570.3/17

Out: -165.103 ± 1.183 χ^2/NDF : 905.1/19

All: -164.634 ± 0.845 χ^2/NDF : 2475.7/37

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 ± 0.067 $\chi^2/\text{NDF}: 526.1/16$

Left Out: 1.506 ± 0.092 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.440 ± 0.071 $\chi^2/\text{NDF}: 754.9/18$

Left In: 1.445 ± 0.086 $\chi^2/\text{NDF}: 0.0/0$

Left: 1.473 ± 0.063 $\chi^2/\text{NDF}: 0.2/1$

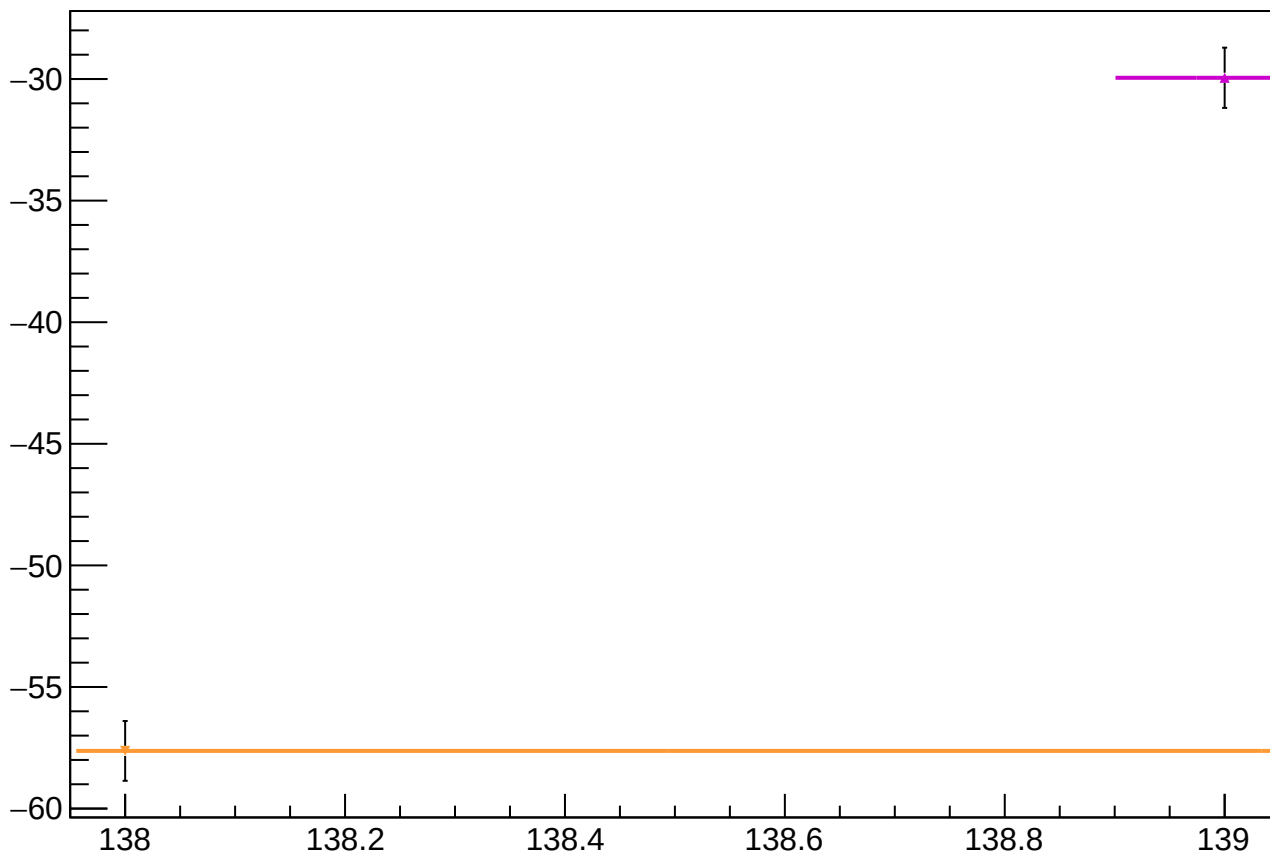
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1308.0/35$

In: 0.588 ± 0.053 $\chi^2/\text{NDF}: 686.2/17$

Out: 0.284 ± 0.056 $\chi^2/\text{NDF}: 1033.8/19$

All: 0.446 ± 0.039 $\chi^2/\text{NDF}: 1735.5/37$

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: -29.949+/-1.238 χ^2/NDF : 0.0/0

Left: -43.890+/-0.872 χ^2/NDF : 251.6/1

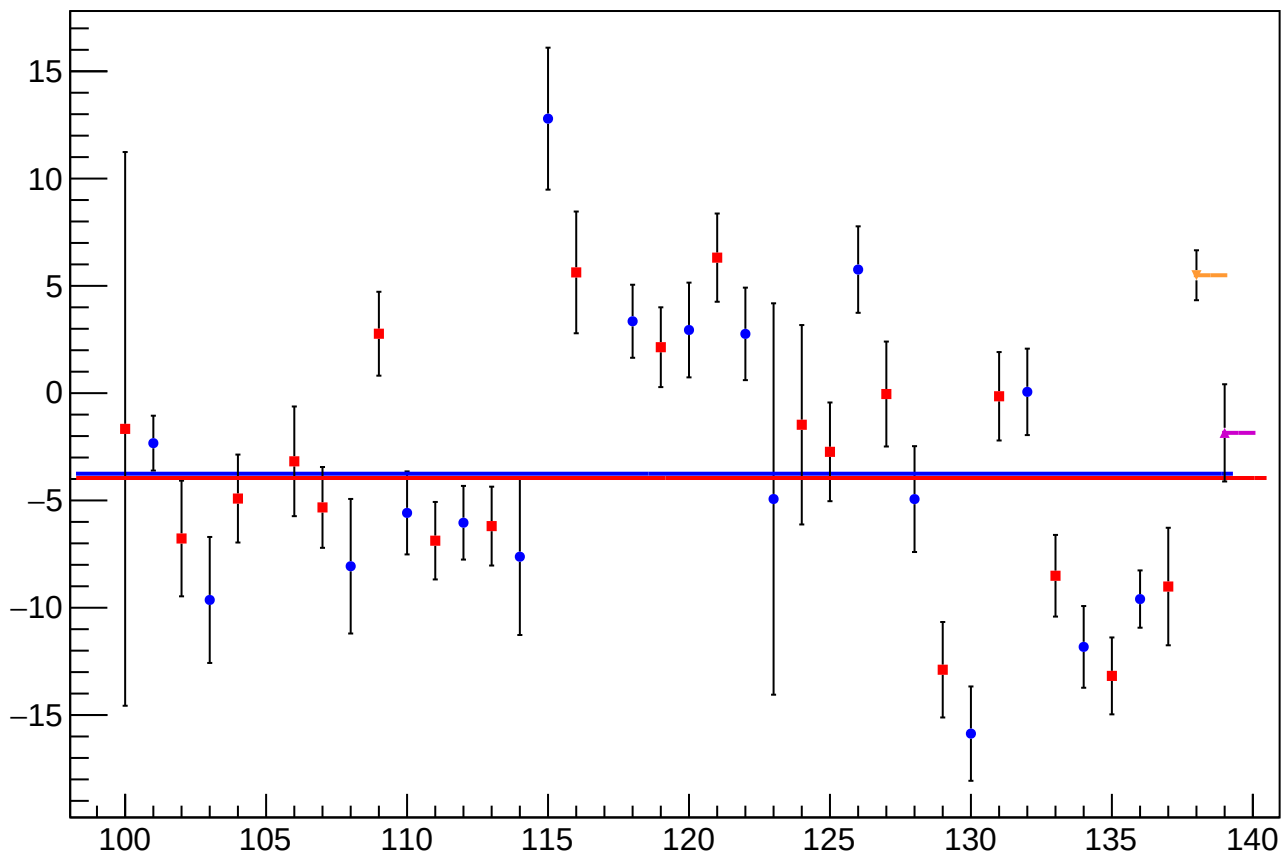
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.949+/-1.238 χ^2/NDF : 0.0/0

Out: -57.628+/-1.229 χ^2/NDF : 0.0/0

All: -43.890+/-0.872 χ^2/NDF : 251.6/1

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: -1.850 ± 2.265 χ^2/NDF : 0.0/0

Left: 3.961 ± 1.035 χ^2/NDF : 8.3/1

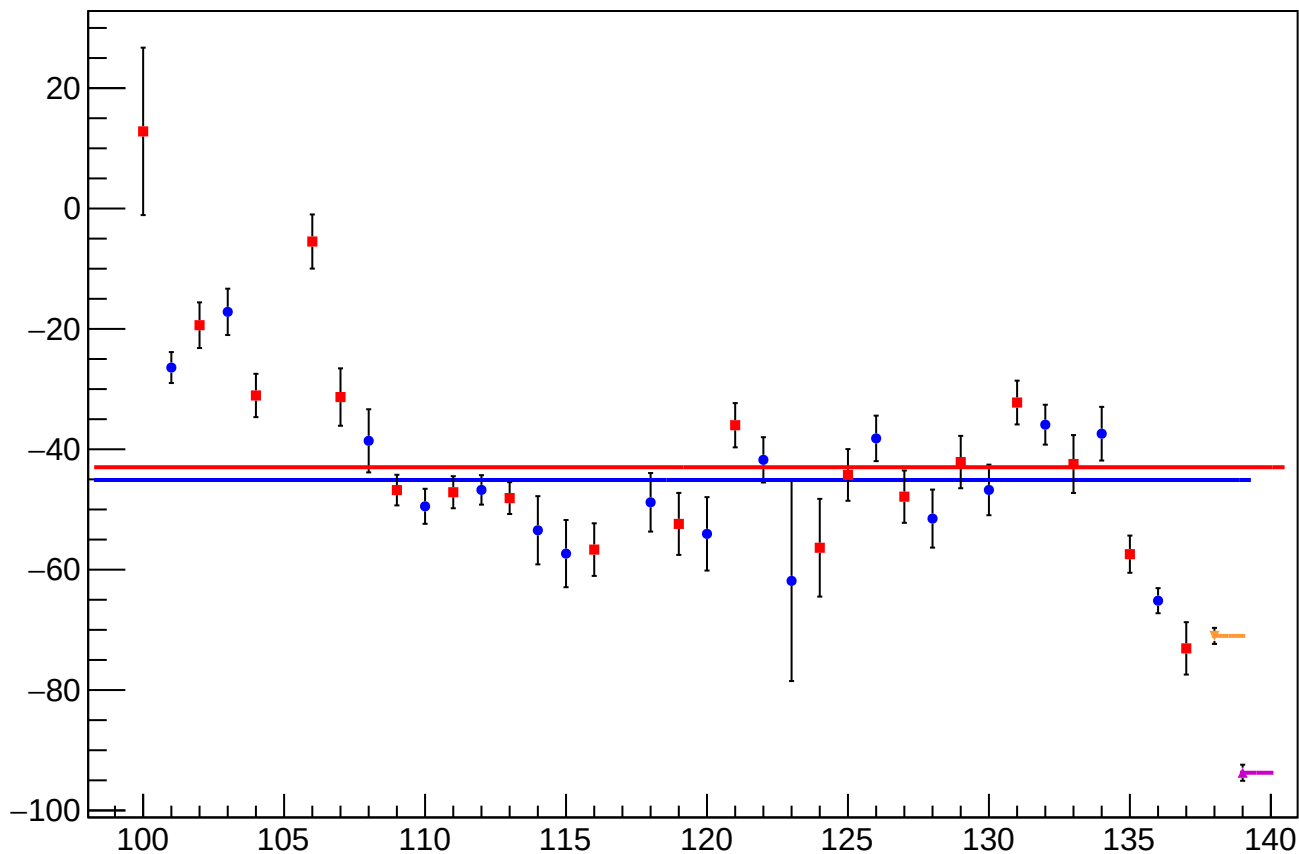
Right: -3.852 ± 0.354 χ^2/NDF : 288.7/35

In: -3.667 ± 0.484 χ^2/NDF : 166.0/17

Out: -2.448 ± 0.465 χ^2/NDF : 178.7/19

All: -3.033 ± 0.335 χ^2/NDF : 348.0/37

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: -93.739 ± 1.338 χ^2/NDF : 0.0/0

Left: -82.321 ± 0.944 χ^2/NDF : 145.1/1

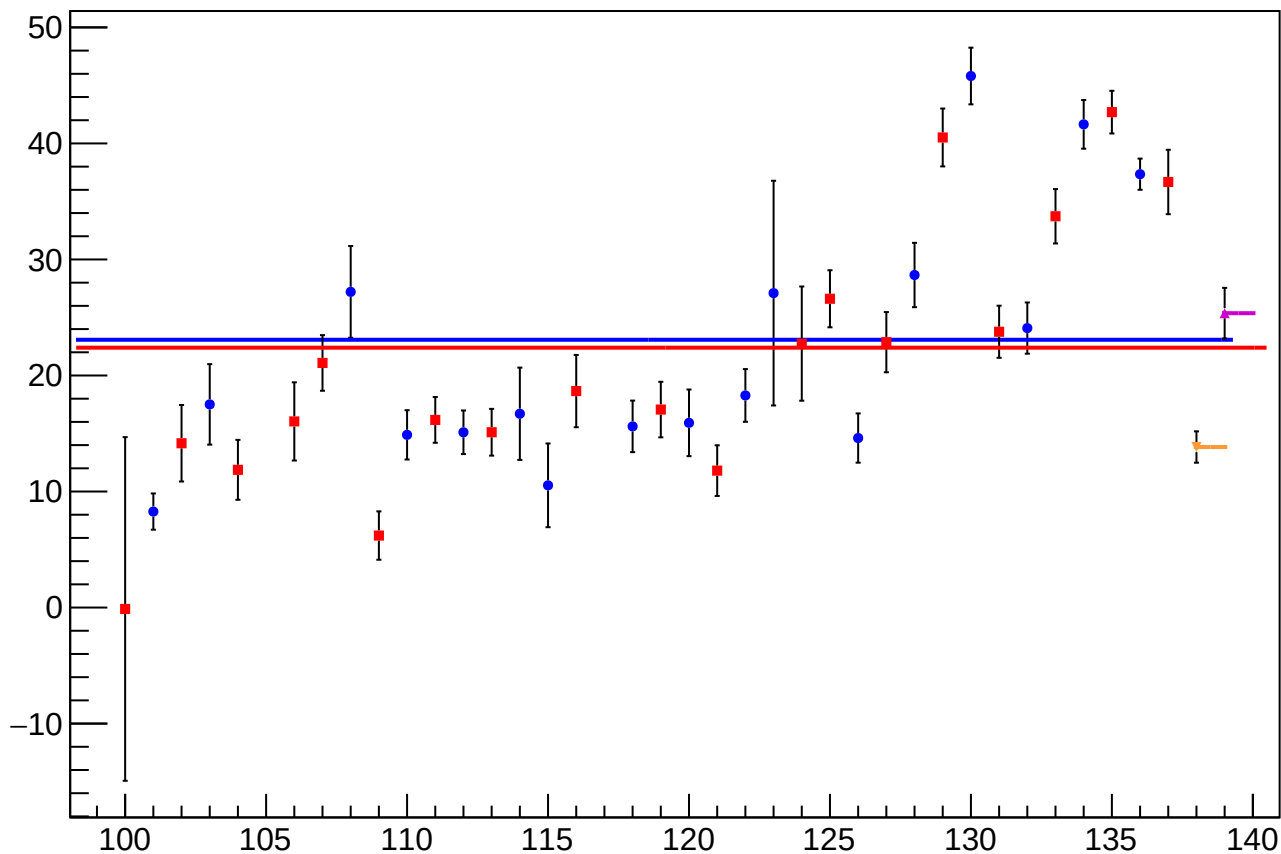
Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35

In: -59.810 ± 0.736 χ^2/NDF : 1151.9/17

Out: -51.458 ± 0.733 χ^2/NDF : 557.5/19

All: -55.617 ± 0.519 χ^2/NDF : 1774.2/37

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079 +/- 0.556 χ^2/NDF : 461.1/16

Left Out: 13.835 +/- 1.352 χ^2/NDF : 0.0/0

Right Out: 22.397 +/- 0.572 χ^2/NDF : 370.3/18

Left In: 25.370 +/- 2.184 χ^2/NDF : 0.0/0

Left: 17.031 +/- 1.149 χ^2/NDF : 20.2/1

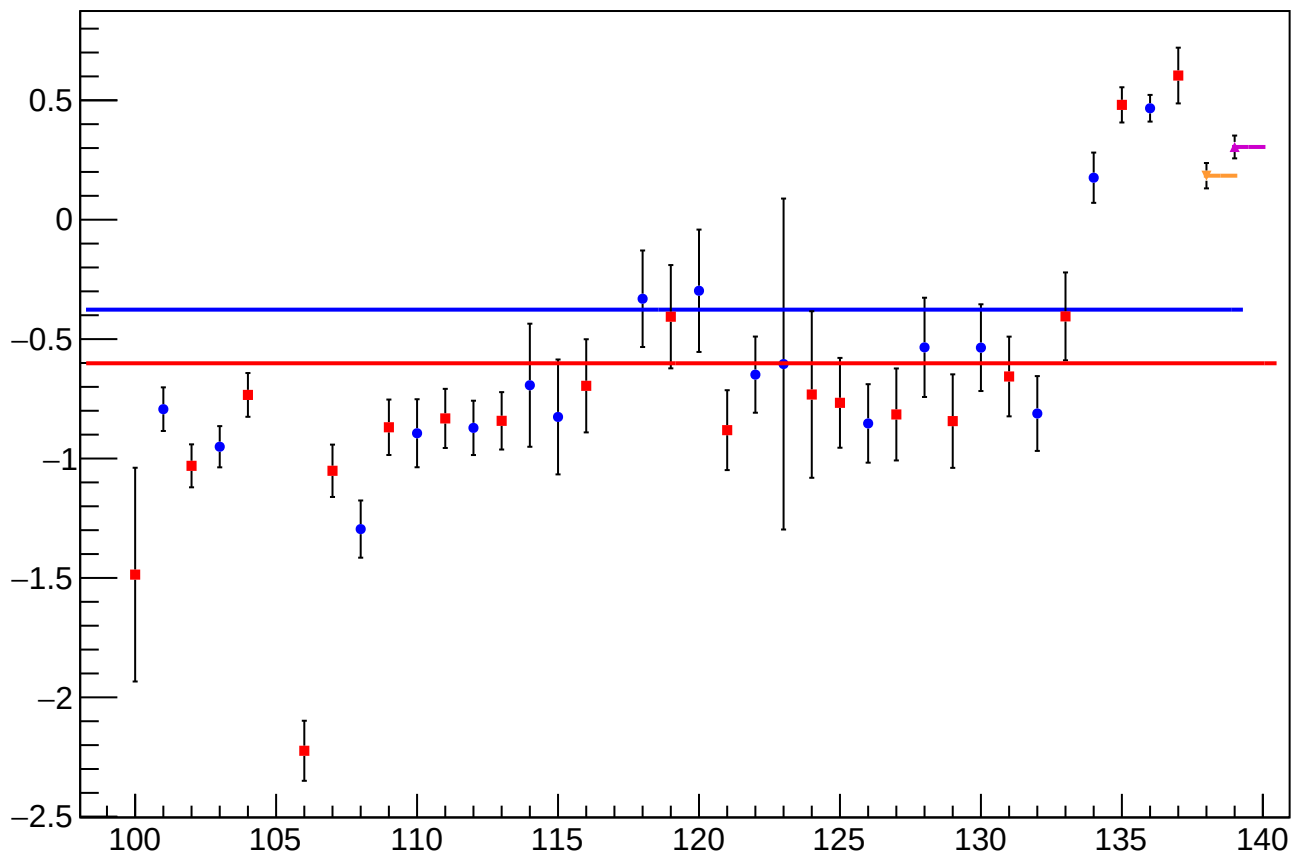
Right: 22.748 +/- 0.399 χ^2/NDF : 832.1/35

In: 23.218 +/- 0.539 χ^2/NDF : 462.2/17

Out: 21.096 +/- 0.527 χ^2/NDF : 404.3/19

All: 22.134 +/- 0.377 χ^2/NDF : 874.4/37

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.184 ± 0.053 χ^2/NDF : 0.0/0

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

Left In: 0.305 ± 0.048 χ^2/NDF : 0.0/0

Left: 0.251 ± 0.036 χ^2/NDF : 2.8/1

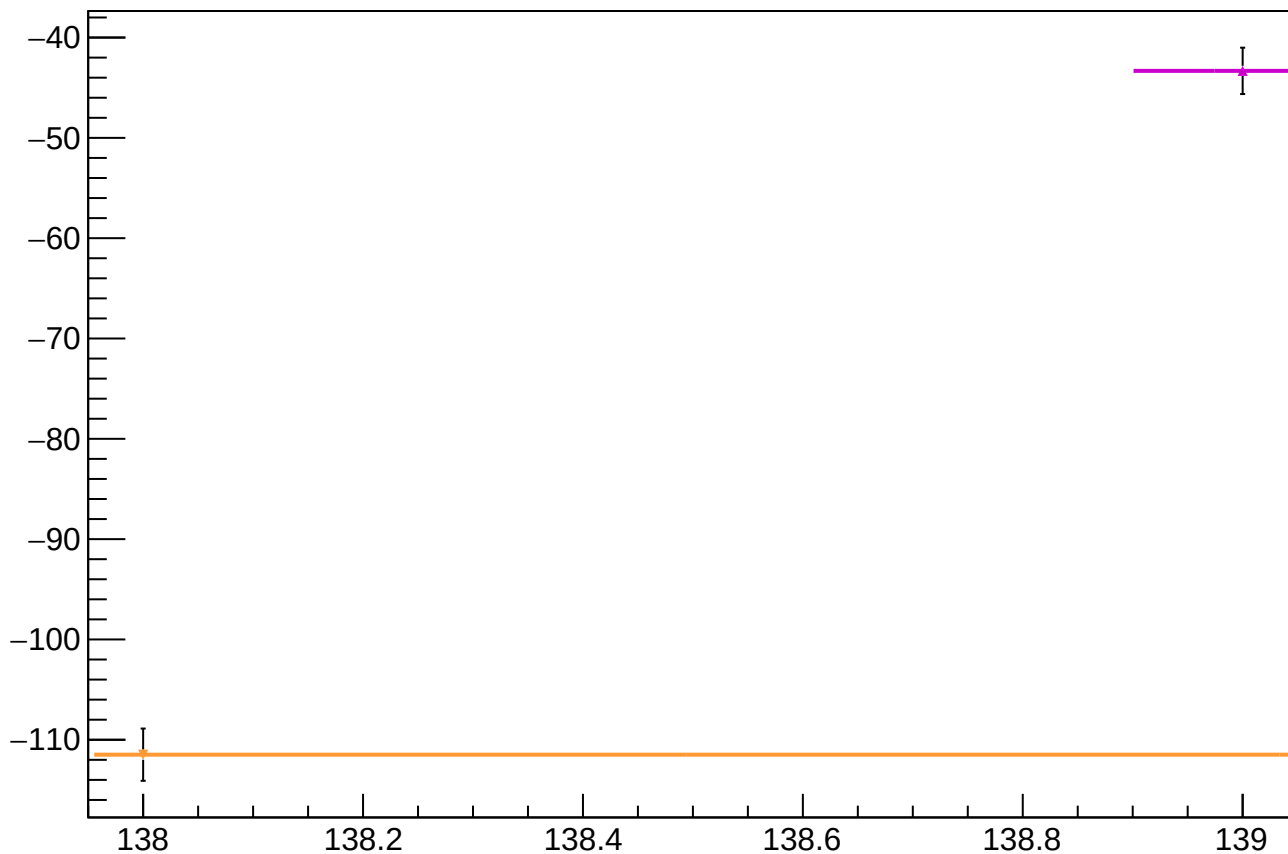
Right: -0.489 ± 0.021 χ^2/NDF : 1020.5/35

In: -0.183 ± 0.025 χ^2/NDF : 582.9/17

Out: -0.410 ± 0.026 χ^2/NDF : 720.9/19

All: -0.293 ± 0.018 χ^2/NDF : 1342.1/37

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: -43.321 ± 2.312 χ^2/NDF : 0.0/0

Left: -73.365 ± 1.729 χ^2/NDF : 383.1/1

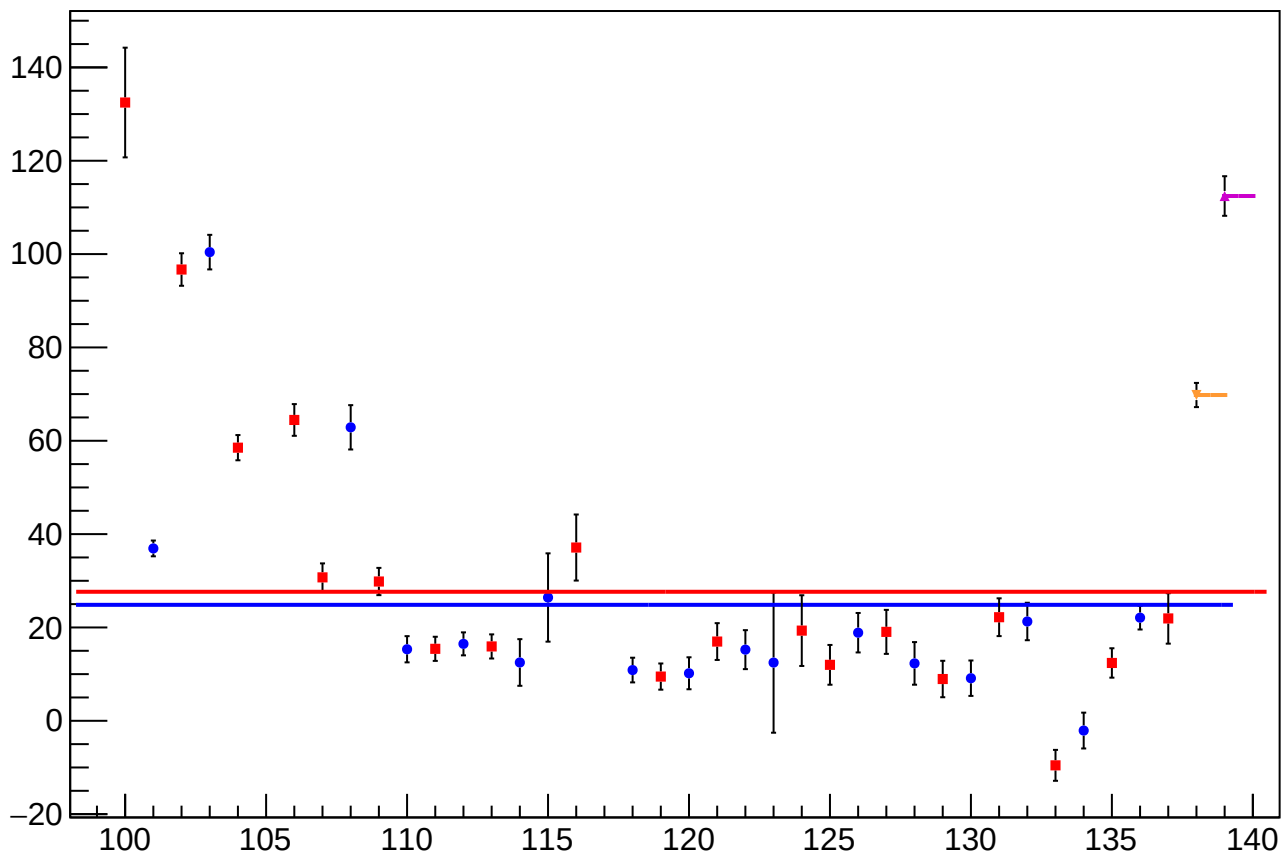
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -43.321 ± 2.312 χ^2/NDF : 0.0/0

Out: -111.486 ± 2.604 χ^2/NDF : 0.0/0

All: -73.365 ± 1.729 χ^2/NDF : 383.1/1

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: 112.445 $\pm$ 4.242 χ^2 /NDF:0.0/0

Left: 81.400 $\pm$ 2.212 χ^2 /NDF: 73.5/1

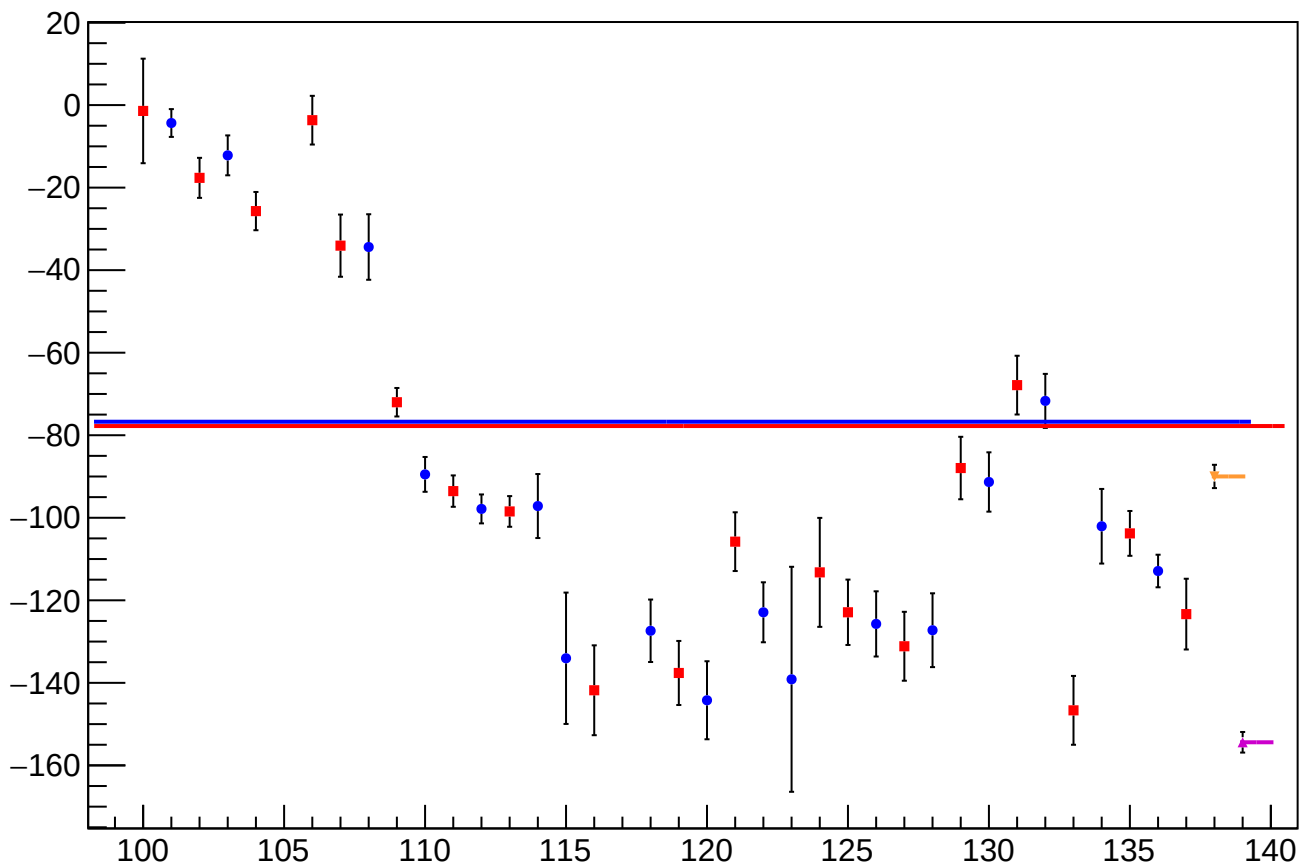
Right: 26.231 $\pm$ 0.570 χ^2 /NDF: 1706.0/35

In: 27.862 $\pm$ 0.787 χ^2 /NDF:1102.5/17

Out: 31.400 $\pm$ 0.773 χ^2 /NDF:1250.0/19

All: 29.661 $\pm$ 0.552 χ^2 /NDF: 2362.8/37

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: -154.401 ± 2.496 χ^2/NDF : 0.0/0

Left: -126.134 ± 1.870 χ^2/NDF : 292.2/1

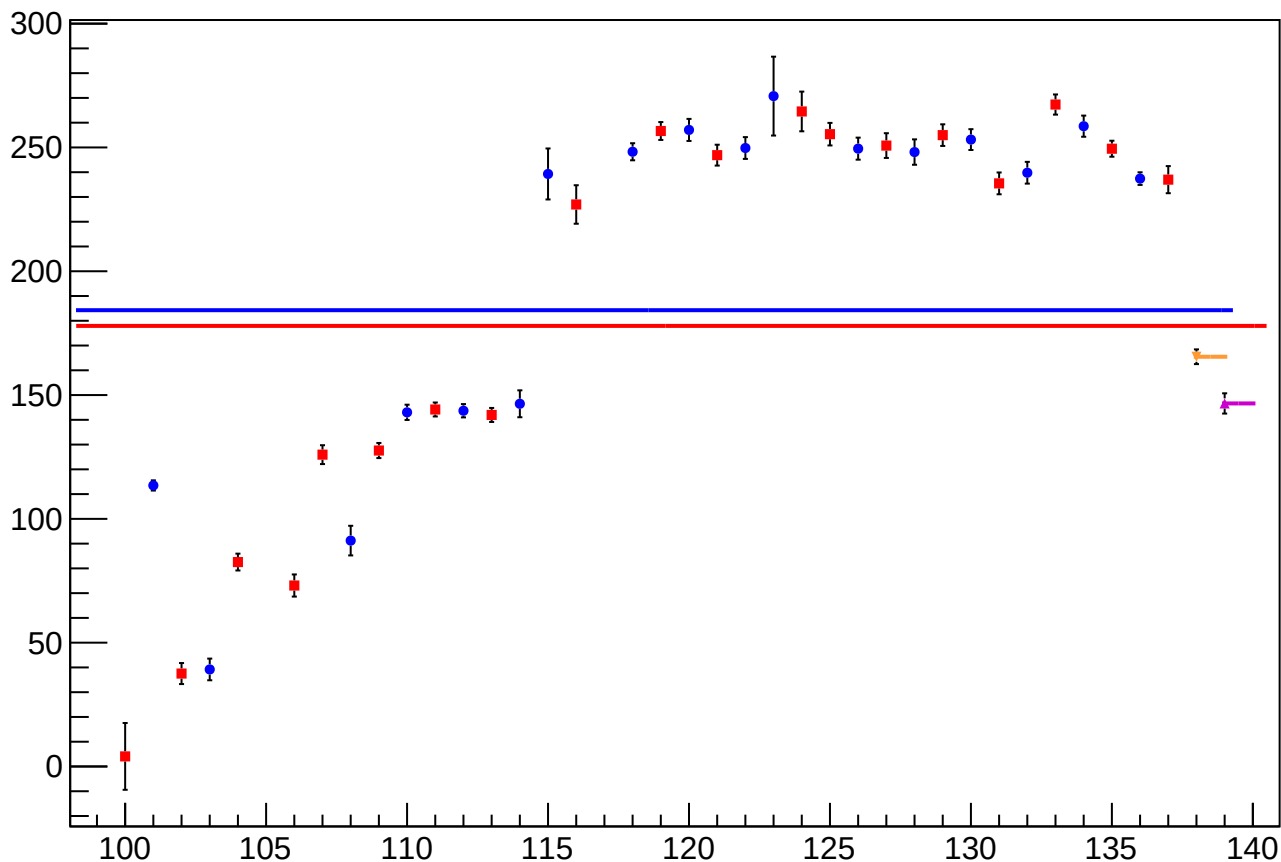
Right: -77.273 ± 0.977 χ^2/NDF : 1914.1/35

In: -95.560 ± 1.229 χ^2/NDF : 1775.5/17

Out: -80.053 ± 1.220 χ^2/NDF : 887.0/19

All: -87.746 ± 0.866 χ^2/NDF : 2742.7/37

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 165.473 $\pm$ 2.973 χ^2 /NDF:0.0/0

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

Left In: 146.616 $\pm$ 4.091 χ^2 /NDF:0.0/0

Left: 158.956 $\pm$ 2.405 χ^2 /NDF: 13.9/1

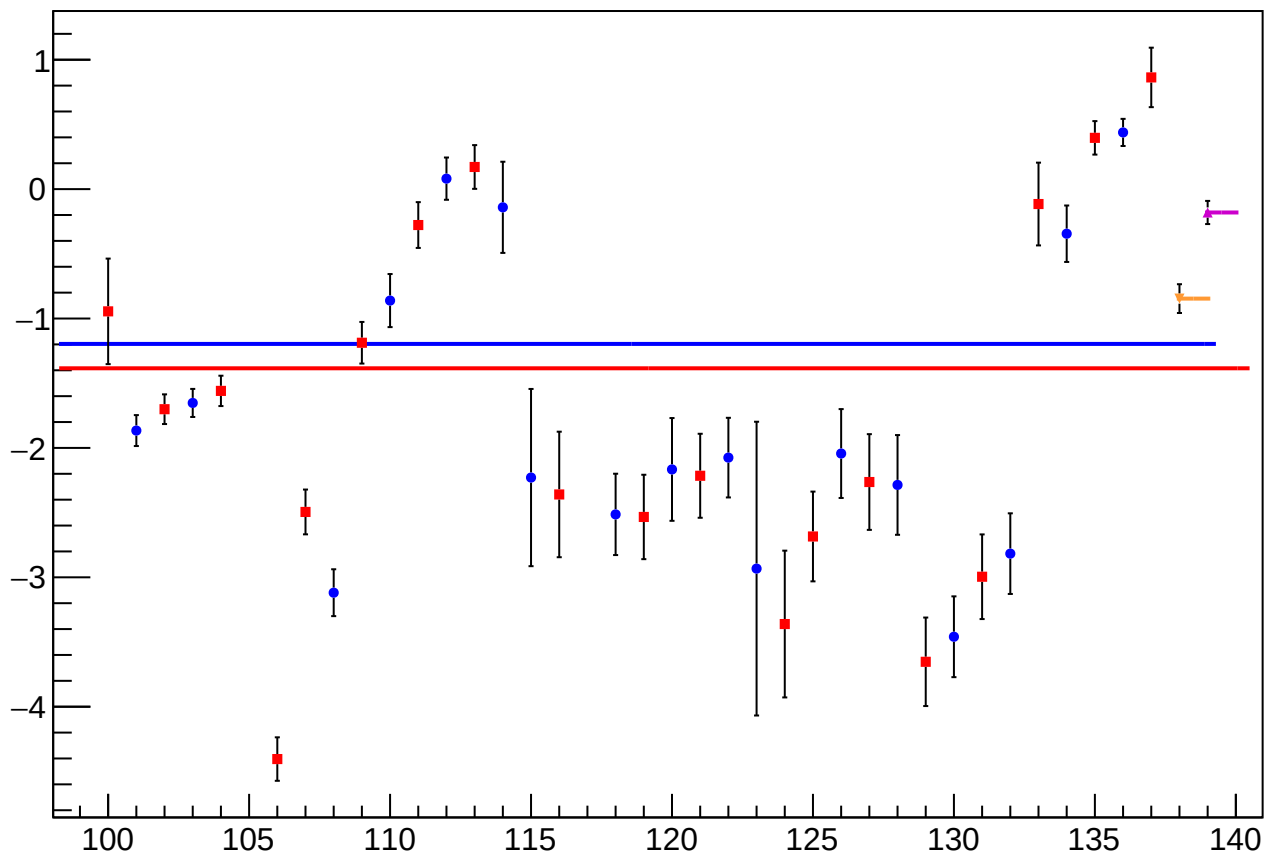
Right: 181.136 $\pm$ 0.650 χ^2 /NDF: 11755.7/35

In: 182.482 $\pm$ 0.892 χ^2 /NDF:5481.7/17

Out: 176.833 $\pm$ 0.882 χ^2 /NDF:6347.0/19

All: 179.628 $\pm$ 0.627 χ^2 /NDF: 11848.9/37

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: -0.181 ± 0.089 χ^2/NDF : 0.0/0

Left: -0.442 ± 0.070 χ^2/NDF : 21.7/1

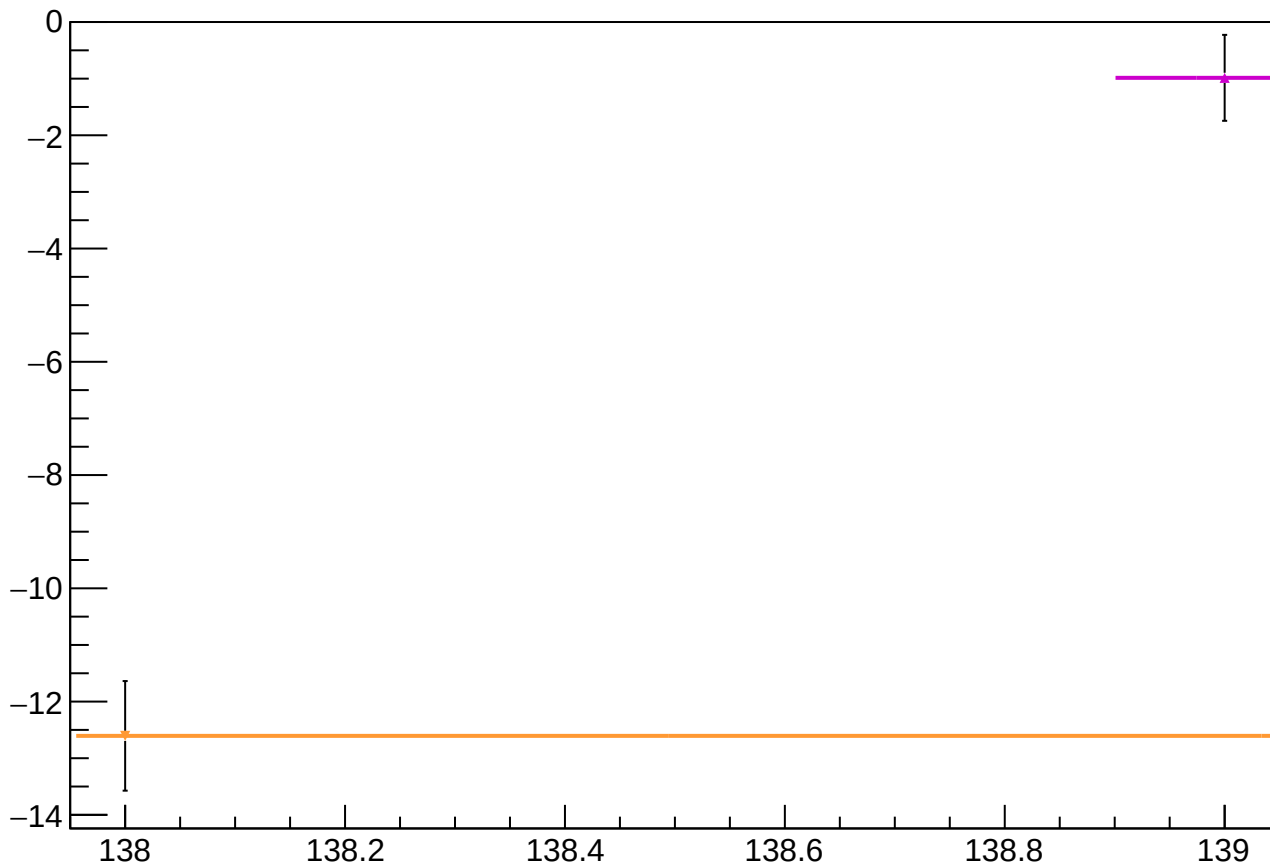
Right: -1.295 ± 0.033 χ^2/NDF : 1555.6/35

In: -0.969 ± 0.042 χ^2/NDF : 723.1/17

Out: -1.307 ± 0.042 χ^2/NDF : 944.5/19

All: -1.138 ± 0.030 χ^2/NDF : 1699.4/37

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.605 $\pm$ 0.968 χ^2/NDF : 0.0/0

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

Left In: -0.986 $\pm$ 0.759 χ^2/NDF : 0.0/0

Left: -5.409 $\pm$ 0.597 χ^2/NDF : 89.3/1

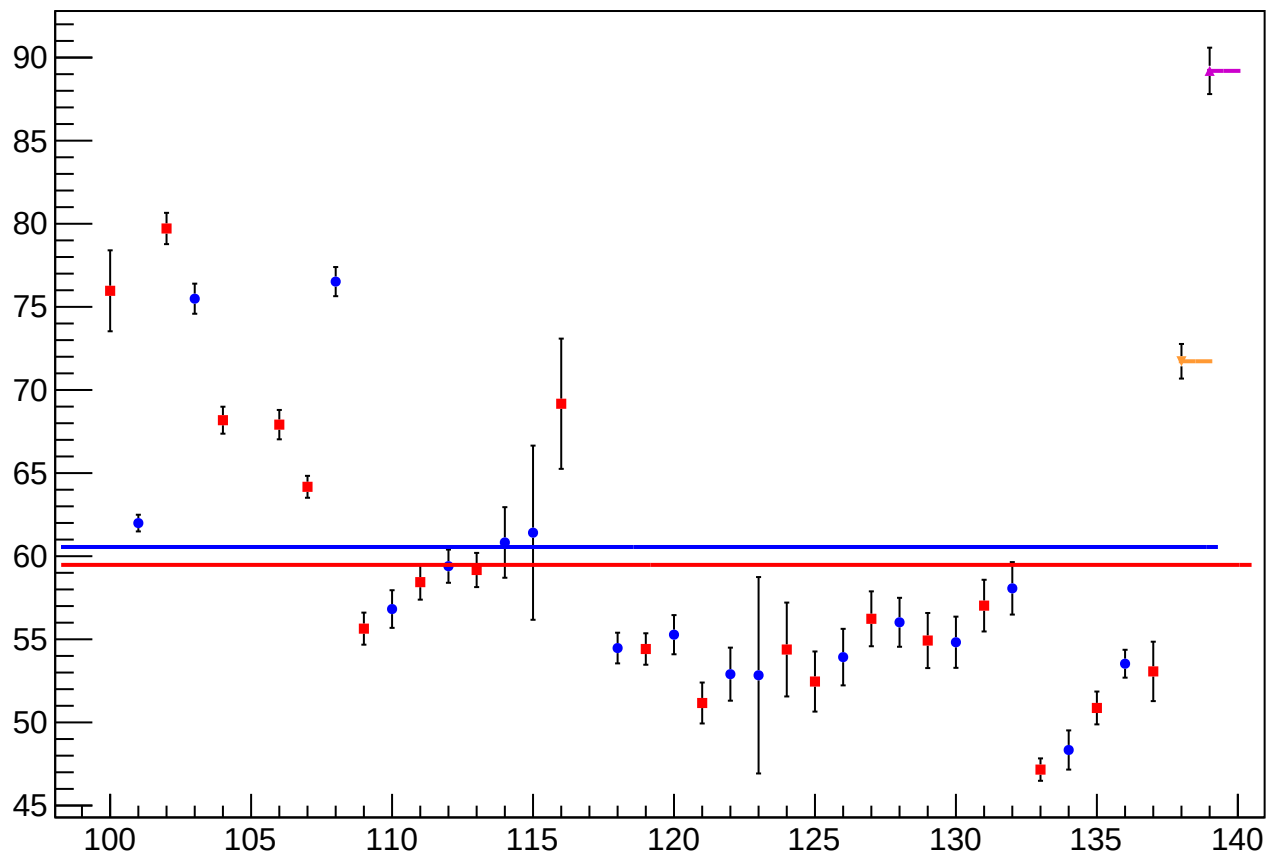
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -0.986 $\pm$ 0.759 χ^2/NDF : 0.0/0

Out: -12.605 $\pm$ 0.968 χ^2/NDF : 0.0/0

All: -5.409 $\pm$ 0.597 χ^2/NDF : 89.3/1

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: 89.198 $\pm$ 1.396 χ^2/NDF : 0.0/0

Left: 77.974 $\pm$ 0.835 χ^2/NDF : 100.6/1

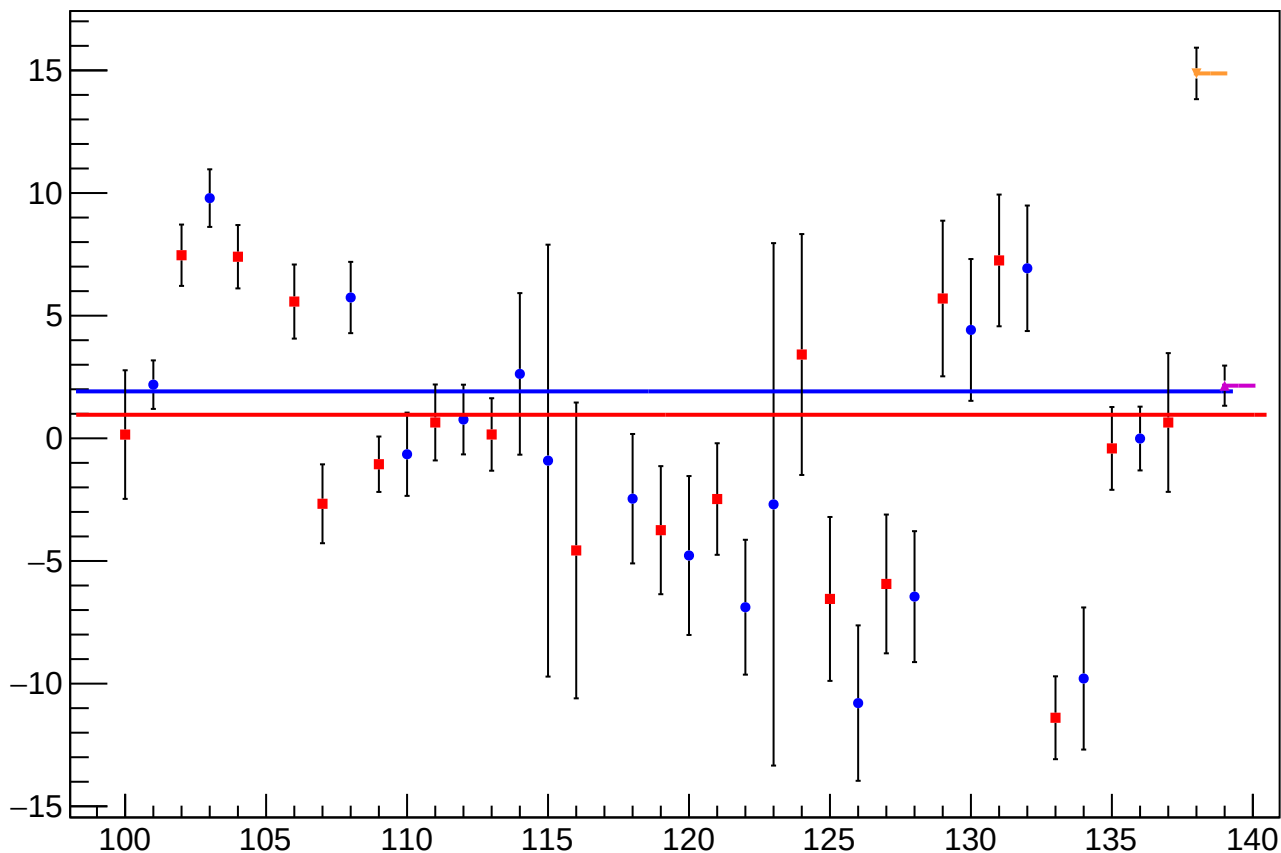
Right: 59.987 $\pm$ 0.180 χ^2/NDF : 2256.7/35

In: 61.525 $\pm$ 0.257 χ^2/NDF : 1337.5/17

Out: 60.134 $\pm$ 0.241 χ^2/NDF : 1447.9/19

All: 60.785 $\pm$ 0.176 χ^2/NDF : 2801.0/37

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: 2.147 $\pm$ 0.819 χ^2 /NDF:0.0/0

Left: 6.960 $\pm$ 0.646 χ^2 /NDF: 91.4/1

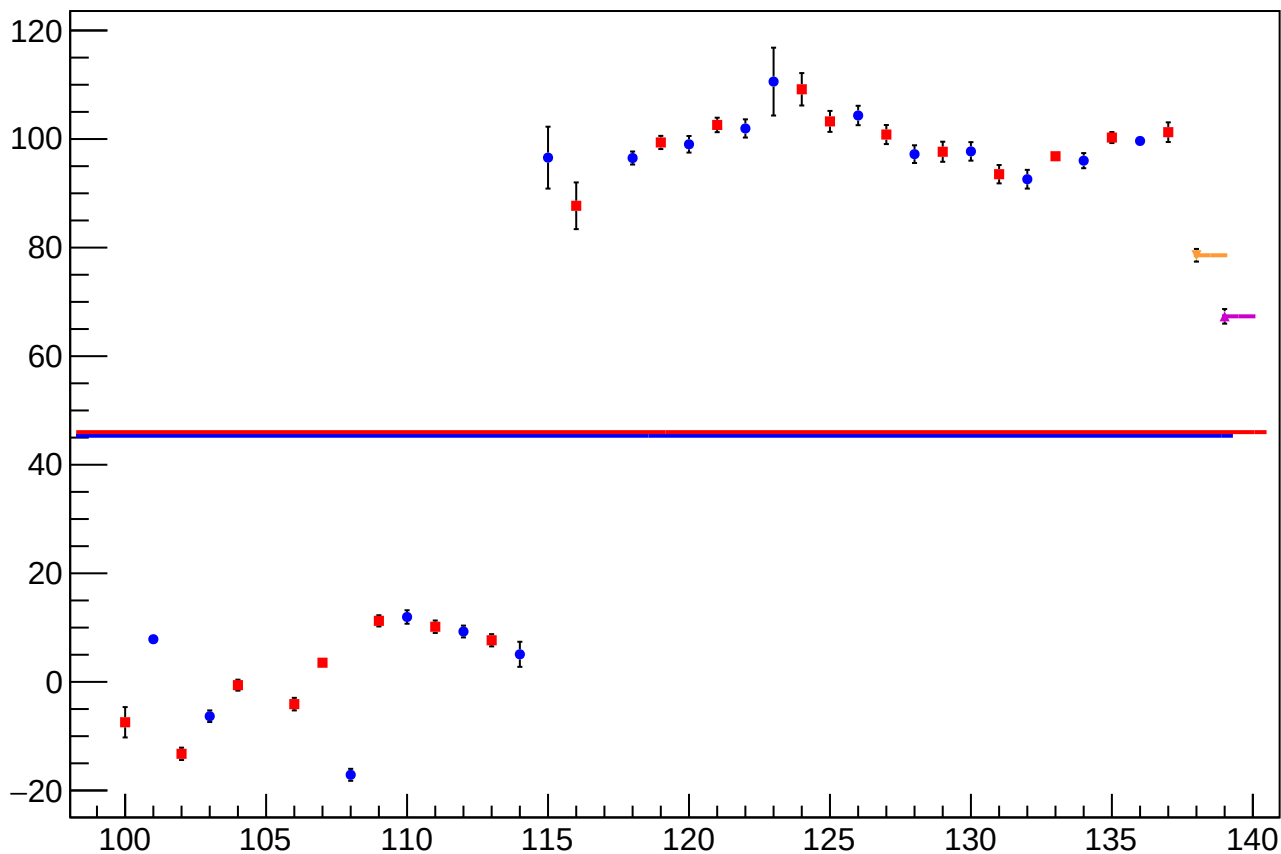
Right: 1.401 $\pm$ 0.311 χ^2 /NDF: 273.4/35

In: 1.969 $\pm$ 0.400 χ^2 /NDF:121.7/17

Out: 2.914 $\pm$ 0.393 χ^2 /NDF:300.5/19

All: 2.449 $\pm$ 0.280 χ^2 /NDF: 425.0/37

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 78.587 $\pm$ 1.169 χ^2 /NDF:0.0/0

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

Left In: 67.340 $\pm$ 1.347 χ^2 /NDF:0.0/0

Left: 73.755 $\pm$ 0.883 χ^2 /NDF: 39.8/1

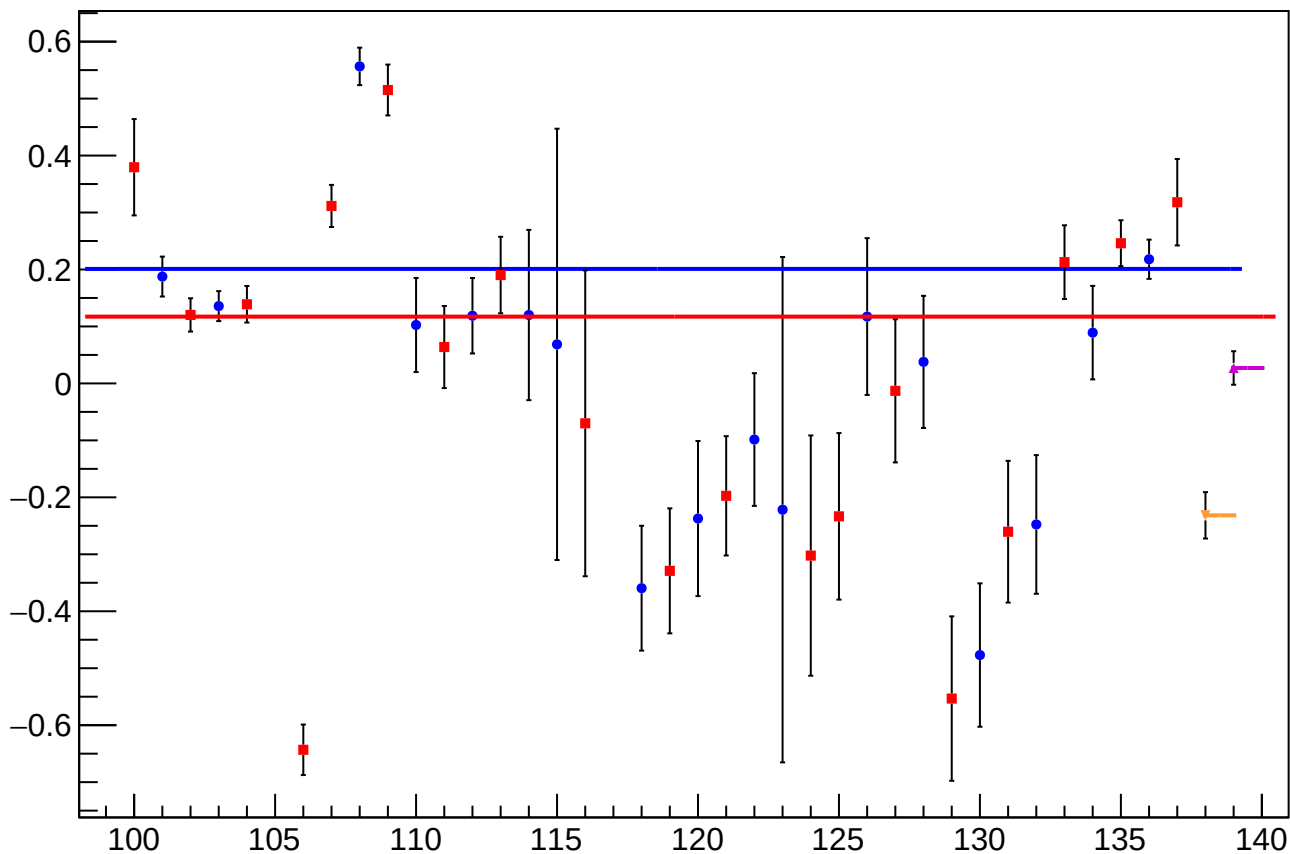
Right: 45.691 $\pm$ 0.209 χ^2 /NDF: 53293.4/35

In: 46.405 $\pm$ 0.296 χ^2 /NDF:25324.9/17

Out: 47.890 $\pm$ 0.281 χ^2 /NDF:28952.1/19

All: 47.186 $\pm$ 0.204 χ^2 /NDF: 54290.3/37

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: 0.027 $\pm$ 0.029 χ^2 /NDF:0.0/0

Left: -0.062 $\pm$ 0.024 χ^2 /NDF: 26.5/1

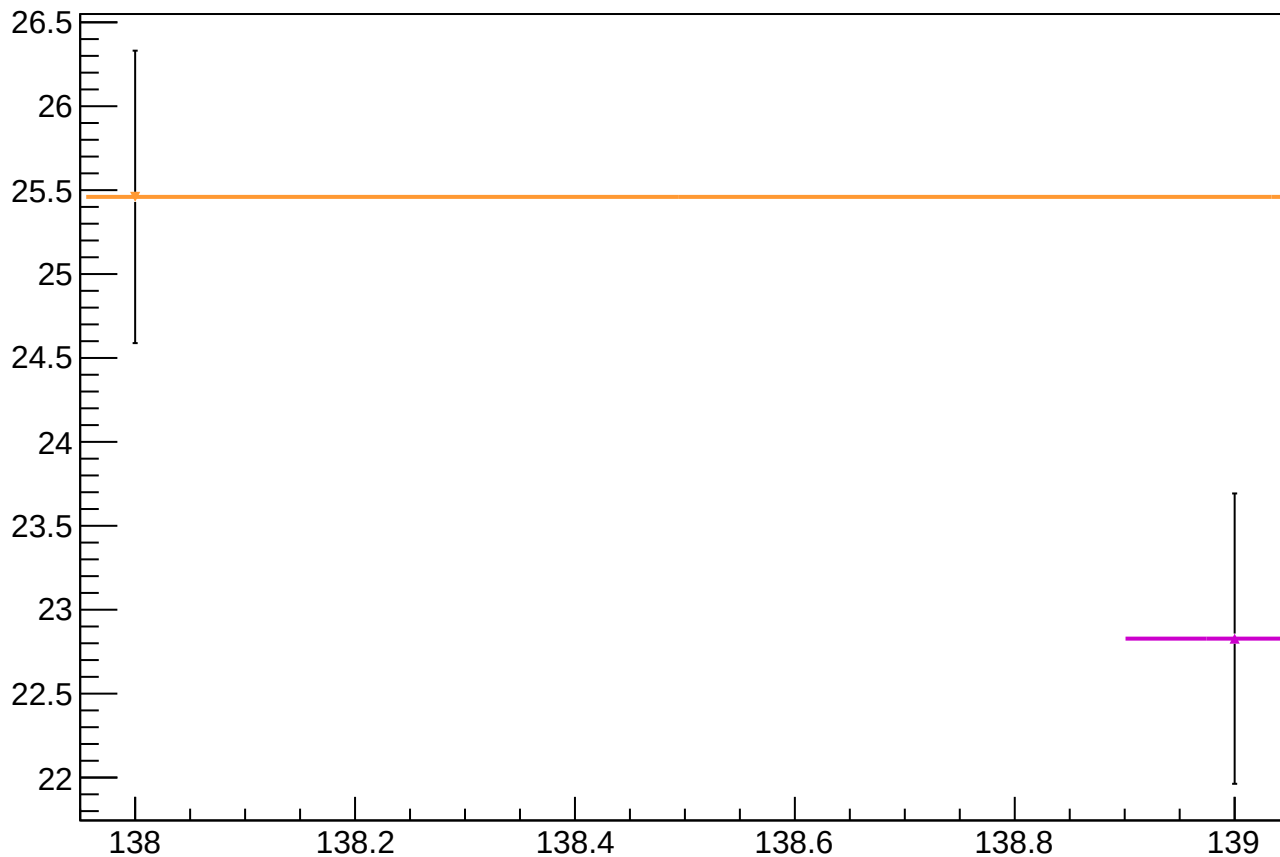
Right: 0.156 $\pm$ 0.010 χ^2 /NDF: 737.1/35

In: 0.169 $\pm$ 0.013 χ^2 /NDF:246.3/17

Out: 0.085 $\pm$ 0.012 χ^2 /NDF:566.7/19

All: 0.126 $\pm$ 0.009 χ^2 /NDF: 835.4/37

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 25.460 $\pm$ 0.871 χ^2 /NDF: 0.0/0

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

Left In: 22.828 $\pm$ 0.865 χ^2 /NDF: 0.0/0

Left: 24.134 $\pm$ 0.614 χ^2 /NDF: 4.6/1

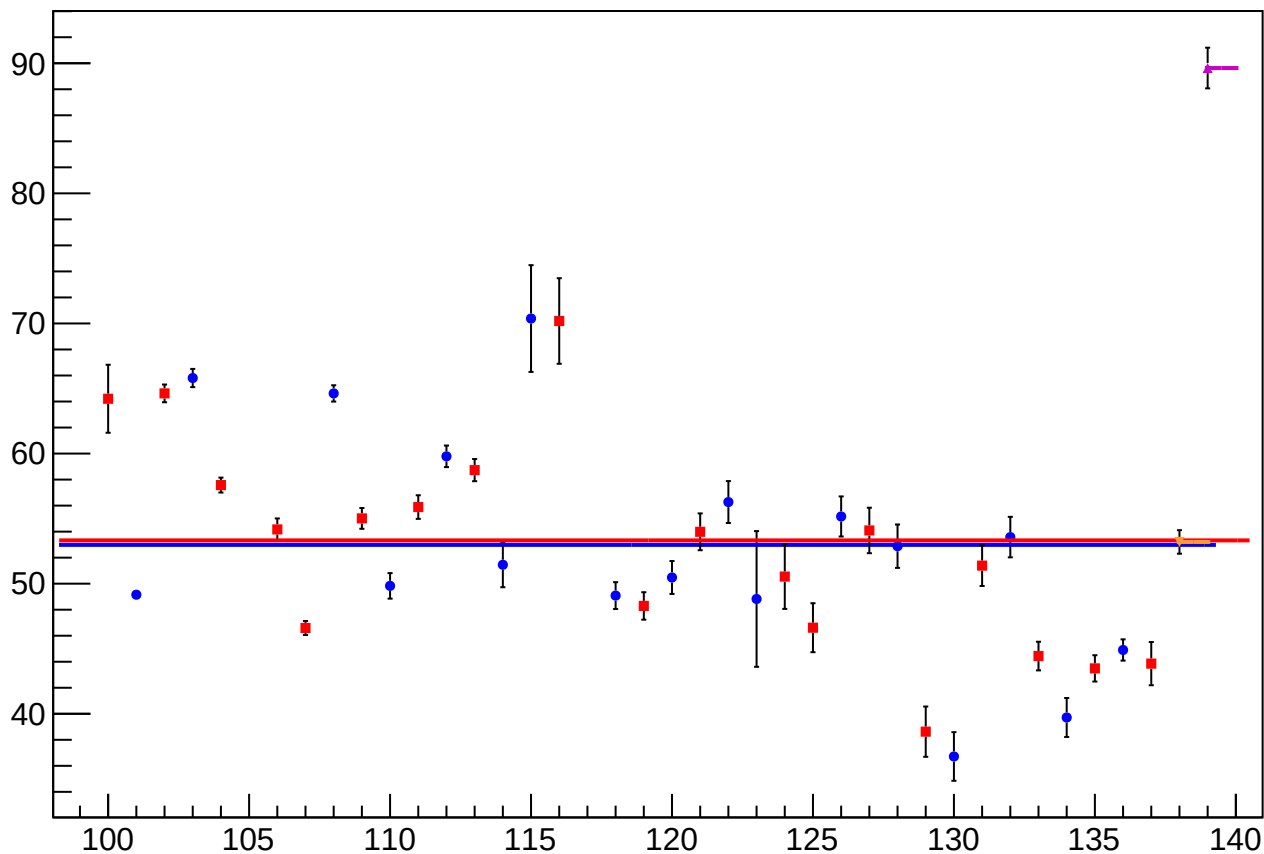
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 22.828 $\pm$ 0.865 χ^2 /NDF: 0.0/0

Out: 25.460 $\pm$ 0.871 χ^2 /NDF: 0.0/0

All: 24.134 $\pm$ 0.614 χ^2 /NDF: 4.6/1

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: 89.634+/-1.563 χ^2/NDF : 0.0/0

Left: 62.318+/-0.782 χ^2/NDF : 407.2/1

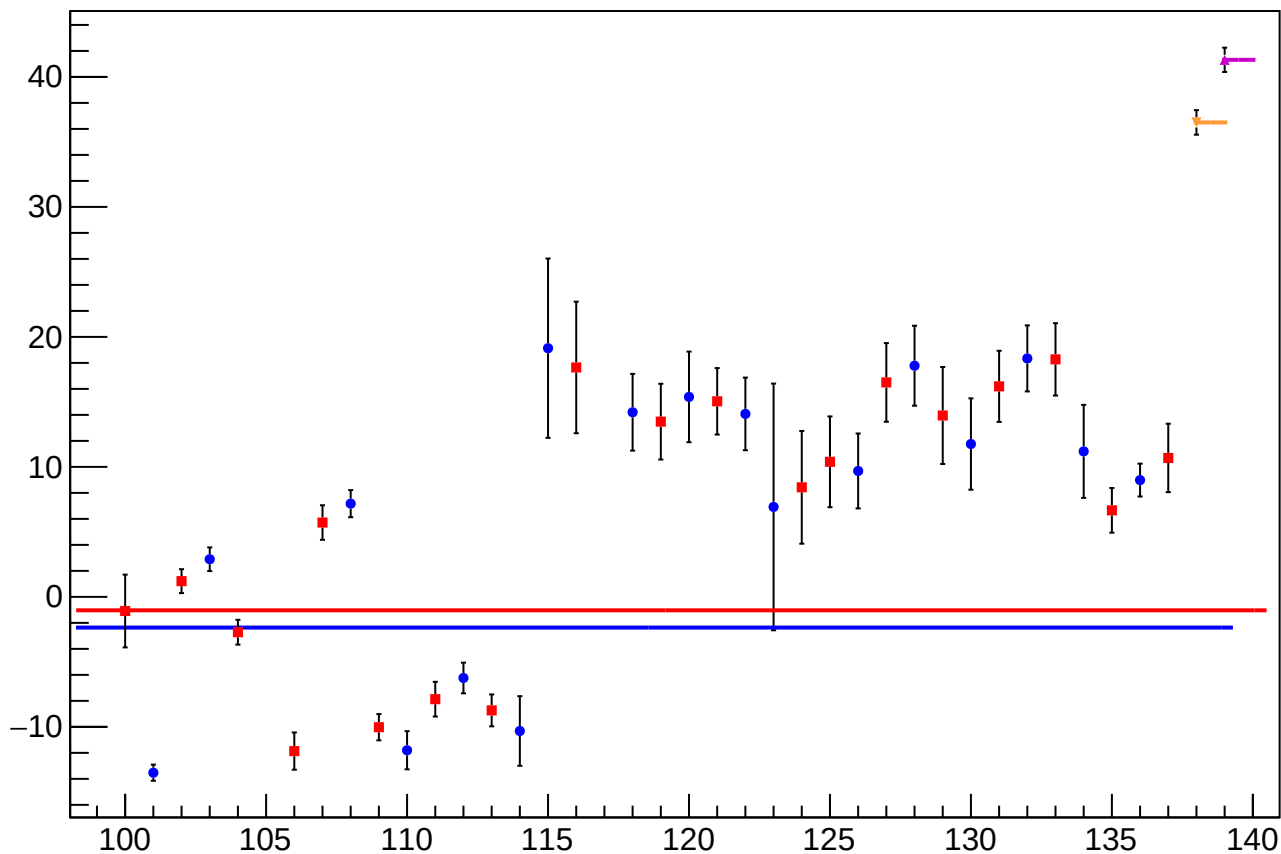
Right: 53.141+/-0.154 χ^2/NDF : 2071.7/35

In: 53.632+/-0.208 χ^2/NDF : 1737.8/17

Out: 53.320+/-0.220 χ^2/NDF : 872.7/19

All: 53.485+/-0.151 χ^2/NDF : 2611.6/37

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: 41.315 ± 0.936 χ^2/NDF : 0.0/0

Left: 38.929 ± 0.665 χ^2/NDF : 13.1/1

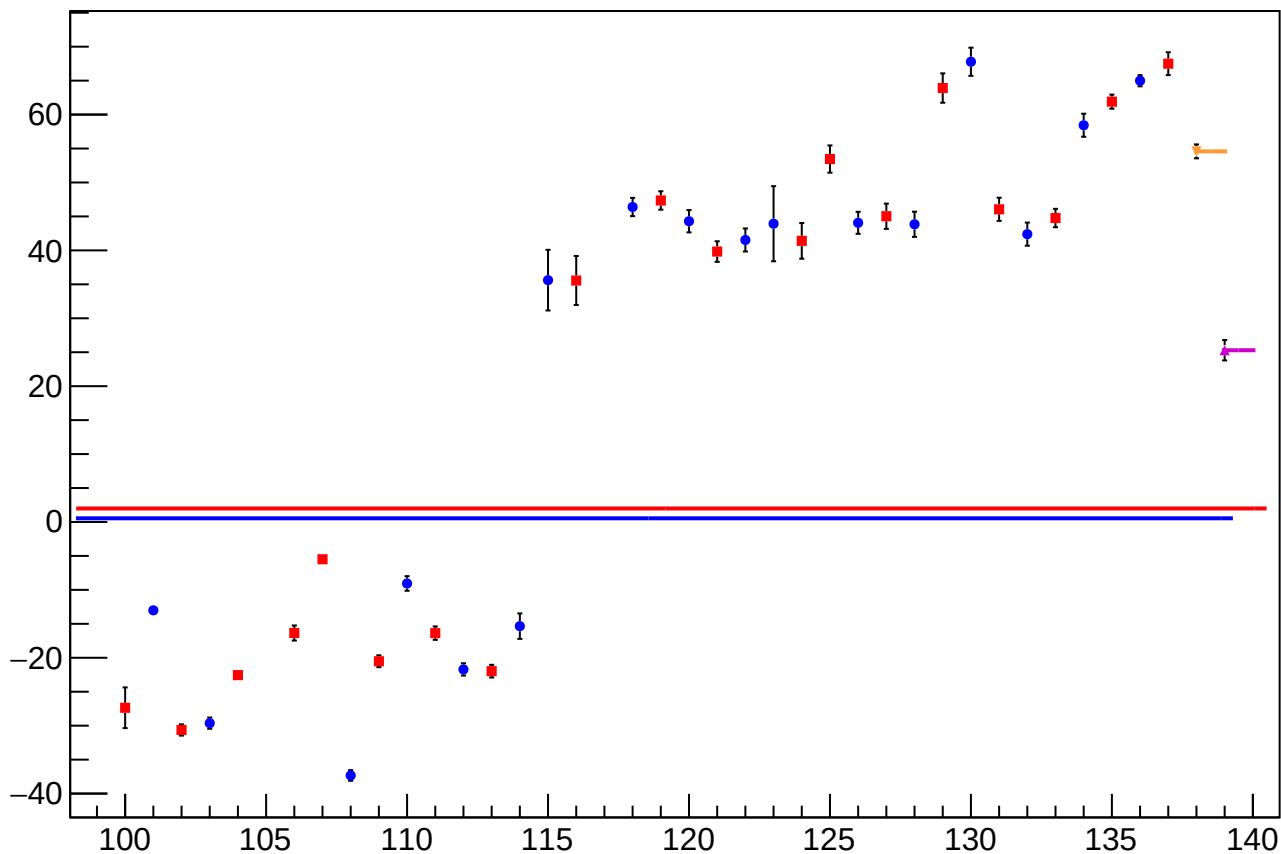
Right: -1.721 ± 0.262 χ^2/NDF : 1355.0/35

In: 3.370 ± 0.339 χ^2/NDF : 2731.7/17

Out: 4.117 ± 0.350 χ^2/NDF : 1869.0/19

All: 3.732 ± 0.244 χ^2/NDF : 4603.0/37

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: 25.291+/-1.505 χ^2/NDF : 0.0/0

Left: 45.317+/-0.847 χ^2/NDF : 258.9/1

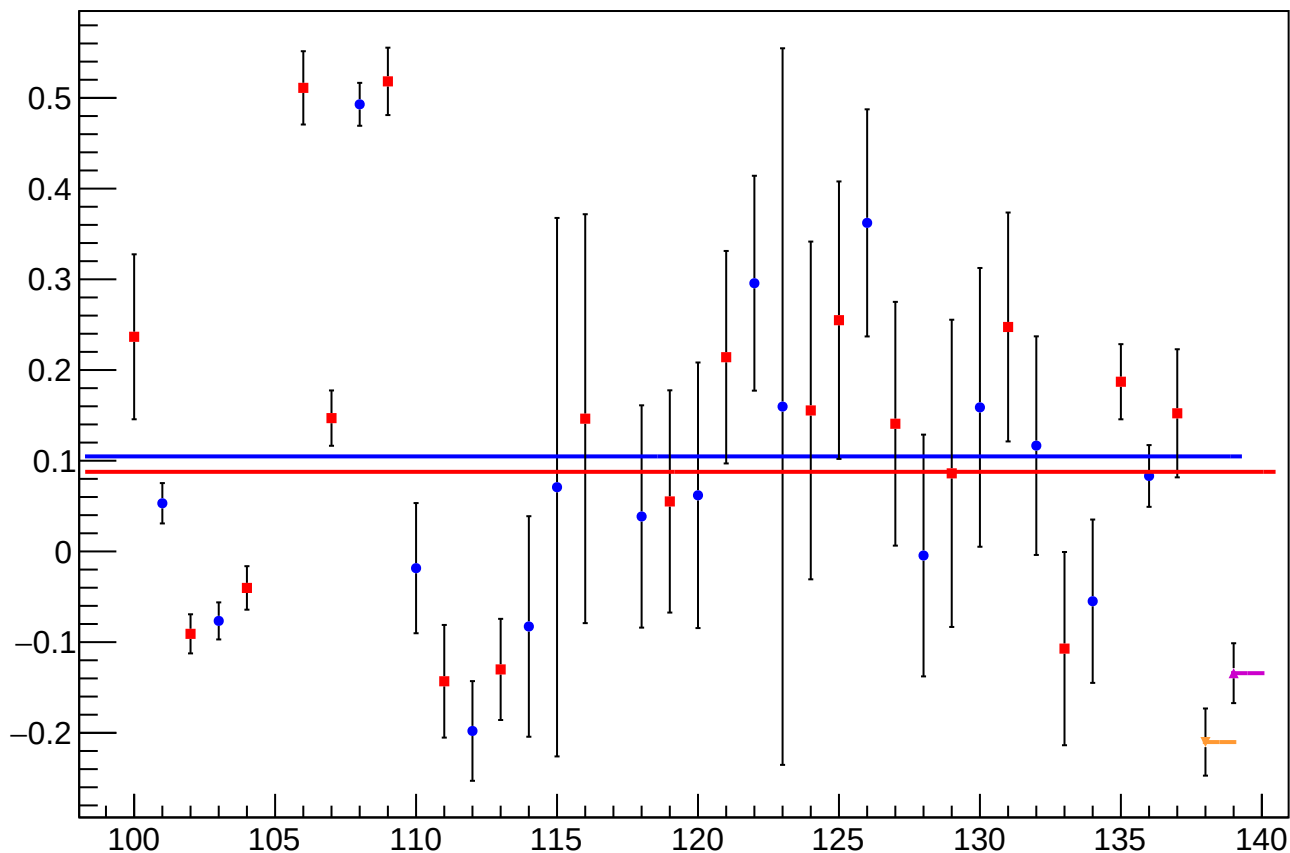
Right: 1.210+/-0.181 χ^2/NDF : 33916.4/35

In: 1.189+/-0.243 χ^2/NDF : 18687.1/17

Out: 5.327+/-0.258 χ^2/NDF : 17947.7/19

All: 3.139+/-0.177 χ^2/NDF : 36771.0/37

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: -0.134 $\pm$ 0.033 χ^2 /NDF: 0.0/0

Left: -0.168 $\pm$ 0.025 χ^2 /NDF: 2.3/1

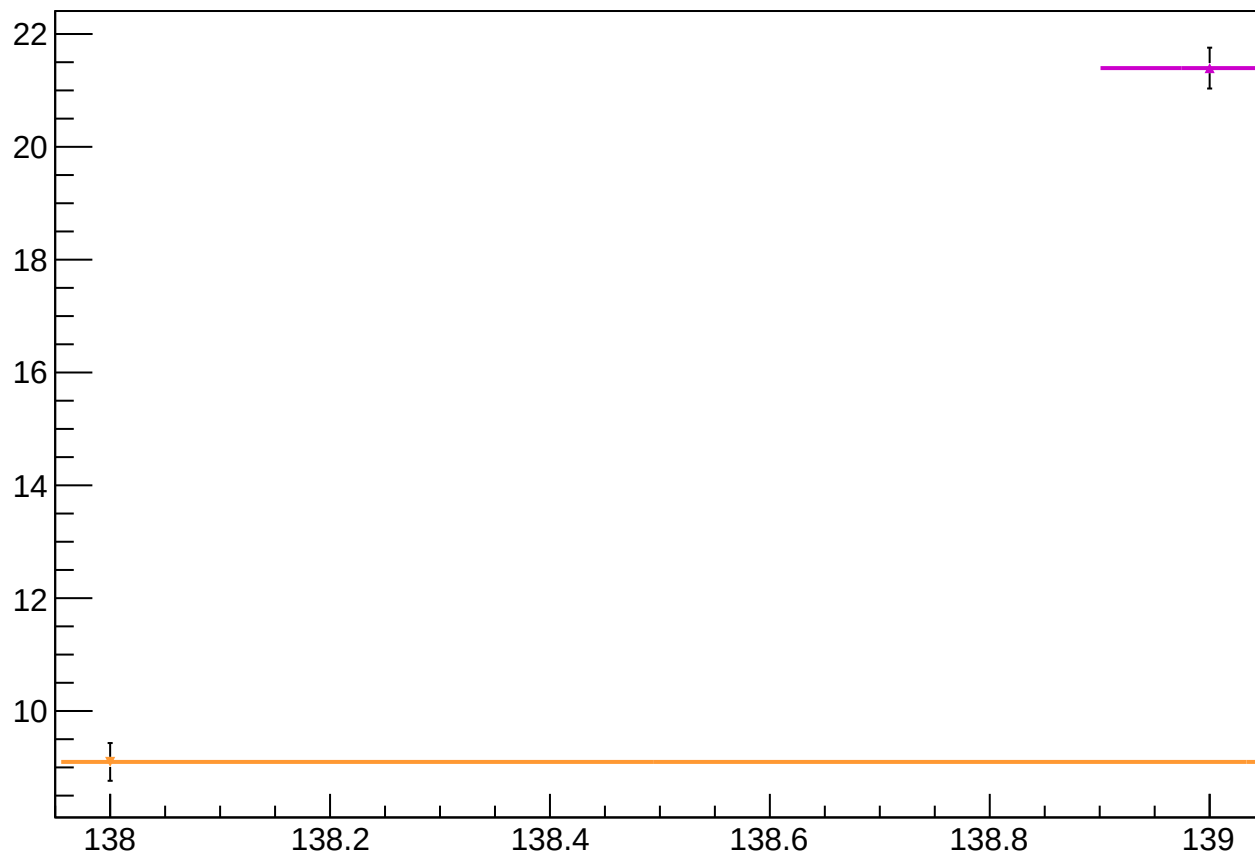
Right: 0.096 $\pm$ 0.008 χ^2 /NDF: 792.9/35

In: 0.081 $\pm$ 0.010 χ^2 /NDF: 447.9/17

Out: 0.064 $\pm$ 0.011 χ^2 /NDF: 450.5/19

All: 0.072 $\pm$ 0.007 χ^2 /NDF: 899.7/37

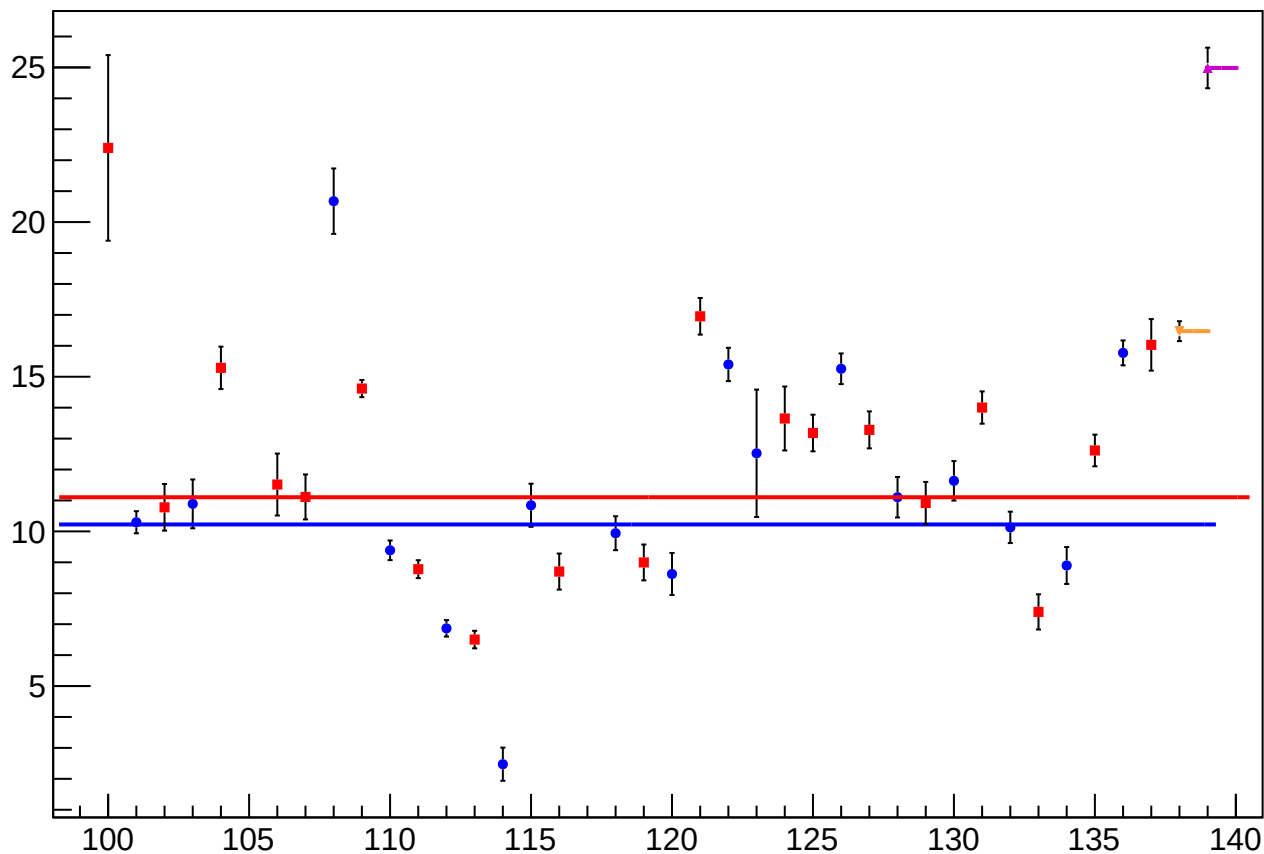
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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: 21.396 $\pm$ 0.362 χ^2 /NDF: 0.0/0

Left: 14.764 $\pm$ 0.246 χ^2 /NDF: 622.1/1
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 21.396 $\pm$ 0.362 χ^2 /NDF: 0.0/0
 Out: 9.097 $\pm$ 0.335 χ^2 /NDF: 0.0/0
 All: 14.764 $\pm$ 0.246 χ^2 /NDF: 622.1/1

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 16.474 $\pm$ 0.322 χ^2 /NDF:0.0/0

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

Left In: 24.983 $\pm$ 0.656 χ^2 /NDF:0.0/0

Left: 18.122 $\pm$ 0.289 χ^2 /NDF: 135.7/1

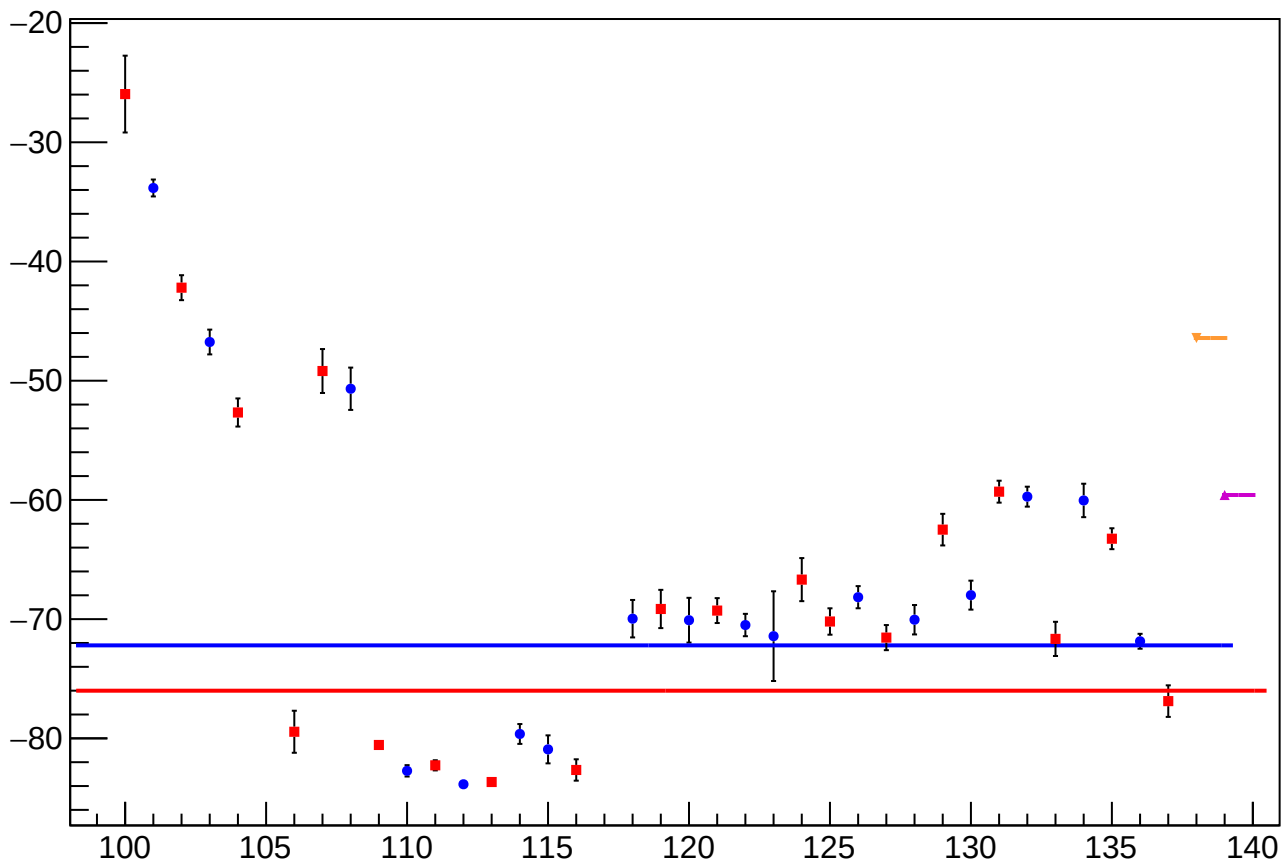
Right: 10.673 $\pm$ 0.083 χ^2 /NDF: 1722.7/35

In: 10.694 $\pm$ 0.117 χ^2 /NDF:1367.7/17

Out: 11.726 $\pm$ 0.109 χ^2 /NDF:1063.8/19

All: 11.244 $\pm$ 0.080 χ^2 /NDF: 2473.1/37

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 $\chi^2/\text{NDF}: 5566.9/16$

Left Out: -46.418 ± 0.363 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.4/18$

Left In: -59.587 ± 0.392 $\chi^2/\text{NDF}: 0.0/0$

Left: -52.497 ± 0.266 $\chi^2/\text{NDF}: 608.3/1$

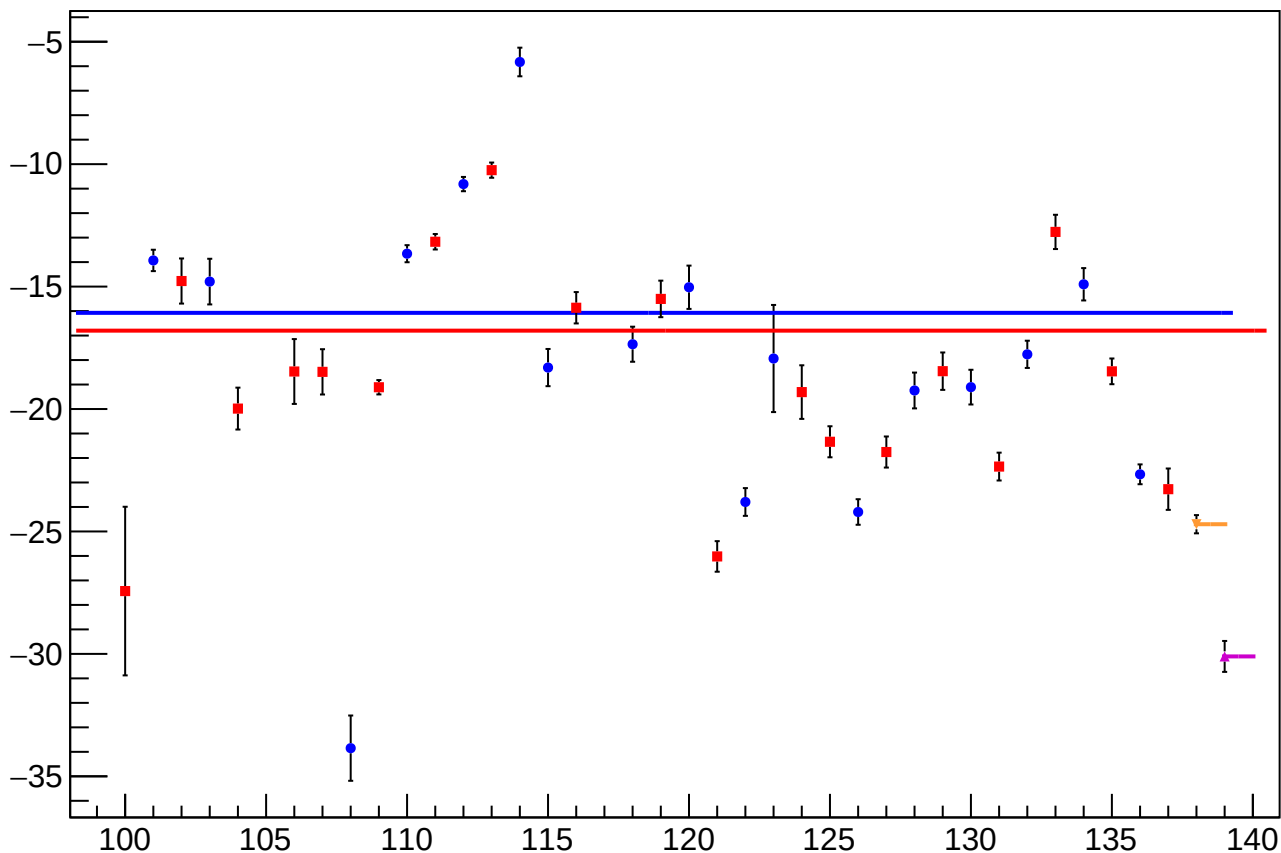
Right: -74.270 ± 0.133 $\chi^2/\text{NDF}: 9233.6/35$

In: -69.641 ± 0.176 $\chi^2/\text{NDF}: 6393.1/17$

Out: -70.109 ± 0.162 $\chi^2/\text{NDF}: 8791.6/19$

All: -69.895 ± 0.119 $\chi^2/\text{NDF}: 15188.6/37$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -24.704 ± 0.372 χ^2/NDF : 0.0/0

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

Left In: -30.103 ± 0.632 χ^2/NDF : 0.0/0

Left: -26.095 ± 0.321 χ^2/NDF : 54.2/1

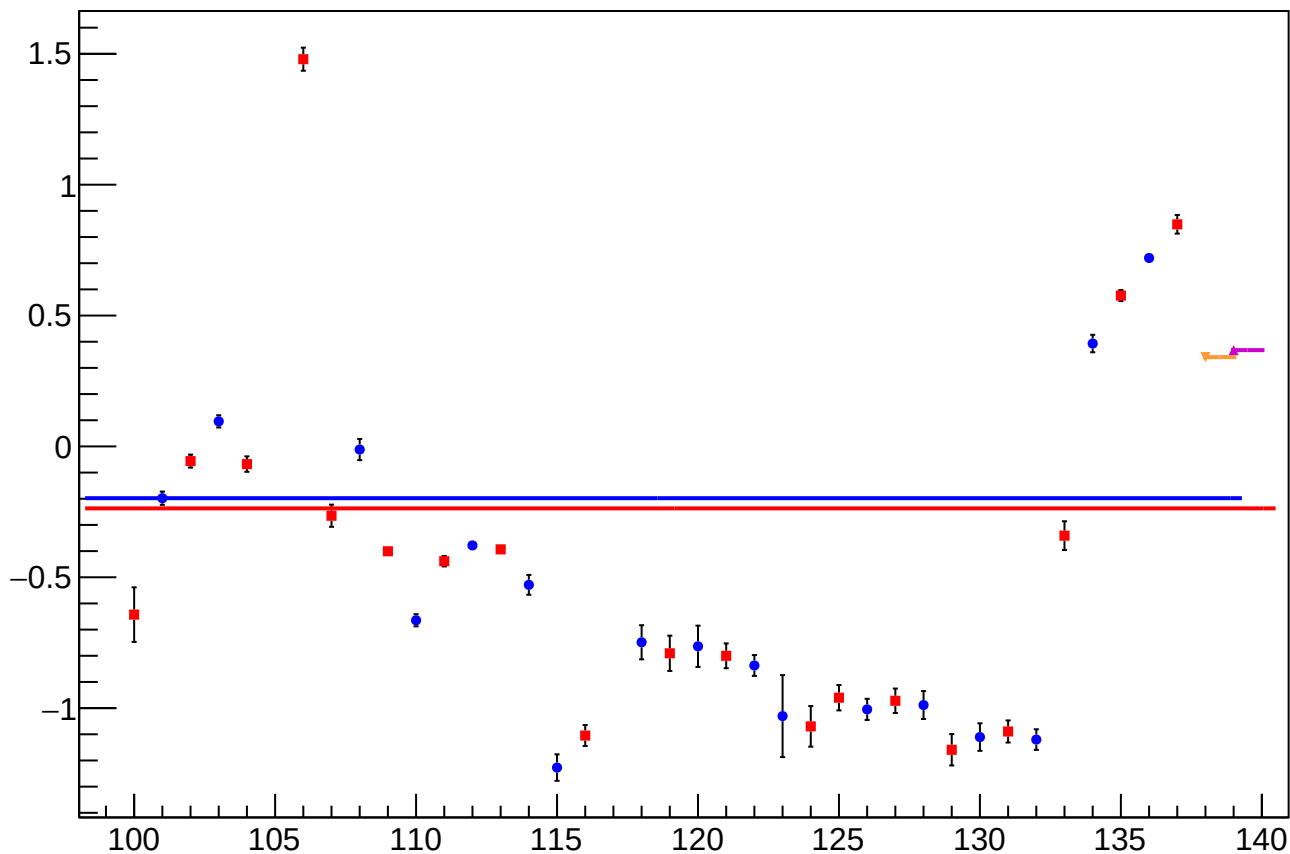
Right: -16.447 ± 0.092 χ^2/NDF : 2872.2/35

In: -16.660 ± 0.129 χ^2/NDF : 2113.5/17

Out: -17.637 ± 0.121 χ^2/NDF : 1619.1/19

All: -17.180 ± 0.088 χ^2/NDF : 3763.0/37

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: 0.368 ± 0.014 χ^2/NDF : 0.0/0

Left: 0.355 ± 0.010 χ^2/NDF : 1.8/1

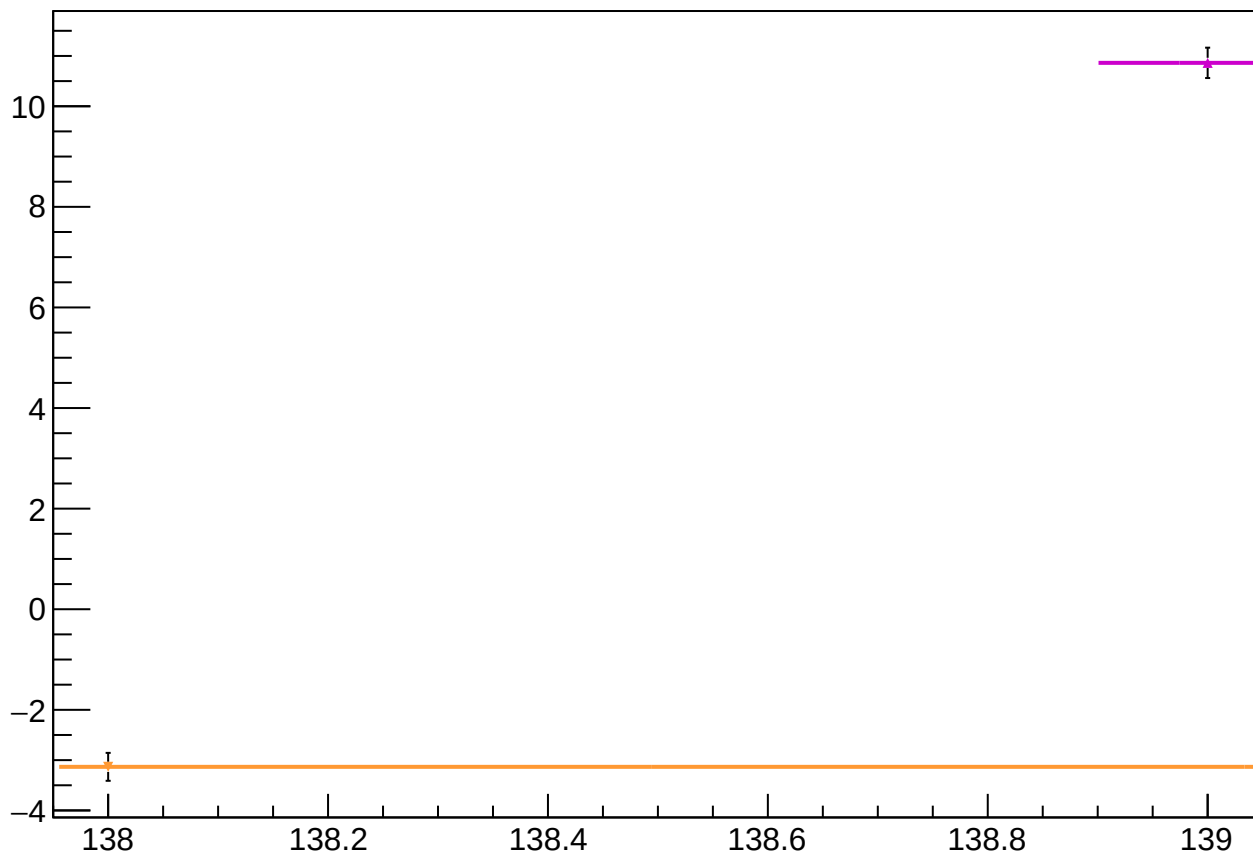
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: -0.068 ± 0.007 χ^2/NDF : 7628.8/17

Out: -0.123 ± 0.006 χ^2/NDF : 7505.6/19

All: -0.096 ± 0.005 χ^2/NDF : 15168.9/37

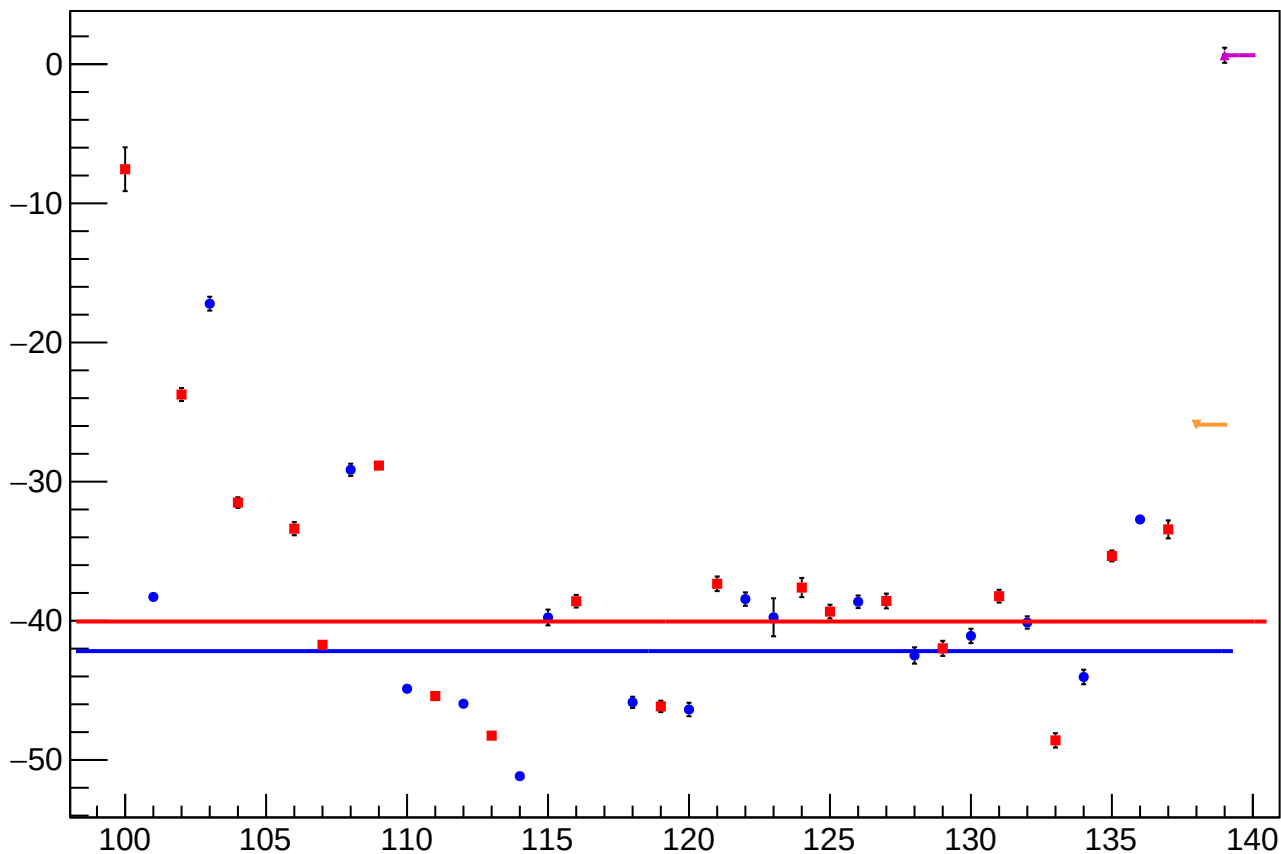
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -3.133 $\pm$ 0.278 χ^2/NDF : 0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 10.863 $\pm$ 0.302 χ^2/NDF : 0.0/0

Left: 3.279 $\pm$ 0.204 χ^2/NDF : 1165.1/1
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 10.863 $\pm$ 0.302 χ^2/NDF : 0.0/0
 Out: -3.133 $\pm$ 0.278 χ^2/NDF : 0.0/0
 All: 3.279 $\pm$ 0.204 χ^2/NDF : 1165.1/1

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179 ± 0.078 $\chi^2/\text{NDF}: 6573.8/16$

Left Out: -25.906 ± 0.269 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -40.052 ± 0.073 $\chi^2/\text{NDF}: 11313.5/18$

Left In: 0.642 ± 0.545 $\chi^2/\text{NDF}: 0.0/0$

Left: -20.692 ± 0.241 $\chi^2/\text{NDF}: 1909.7/1$

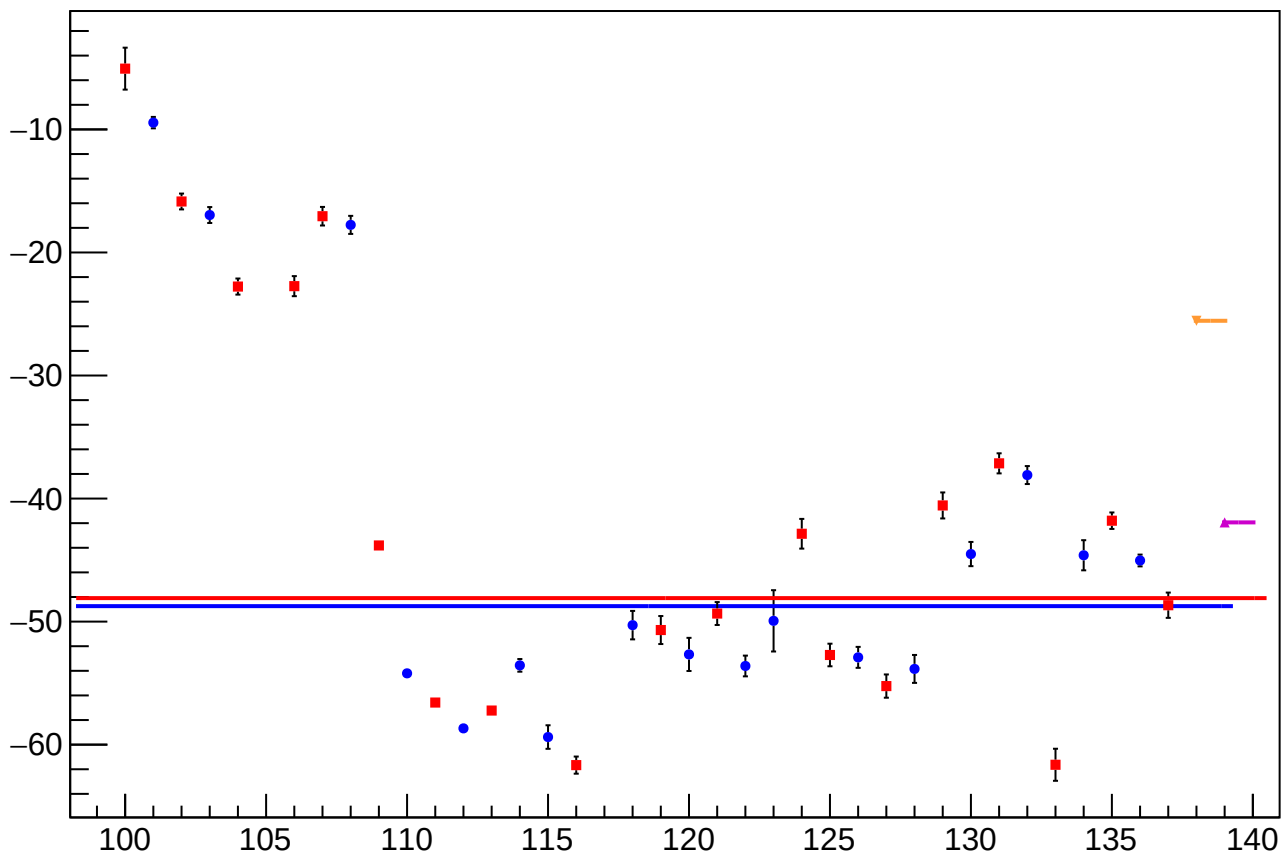
Right: -41.045 ± 0.053 $\chi^2/\text{NDF}: 18285.9/35$

In: -41.323 ± 0.077 $\chi^2/\text{NDF}: 12632.6/17$

Out: -39.089 ± 0.070 $\chi^2/\text{NDF}: 13886.0/19$

All: -40.104 ± 0.052 $\chi^2/\text{NDF}: 26978.1/37$

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: -41.937 ± 0.327 χ^2/NDF : 0.0/0

Left: -33.066 ± 0.221 χ^2/NDF : 1360.9/1

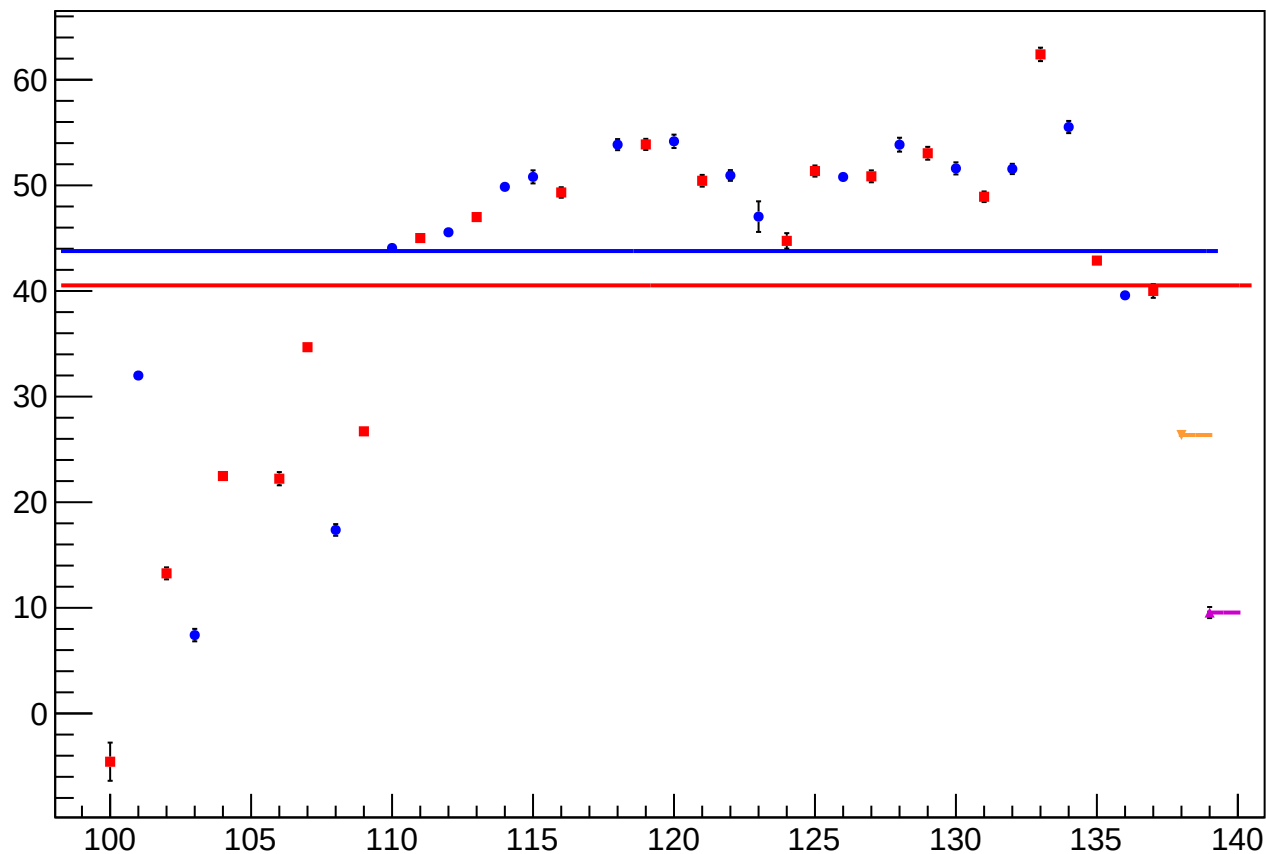
Right: -48.369 ± 0.081 χ^2/NDF : 26405.8/35

In: -47.882 ± 0.116 χ^2/NDF : 15037.2/17

Out: -45.550 ± 0.101 χ^2/NDF : 16713.4/19

All: -46.552 ± 0.076 χ^2/NDF : 31979.8/37

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: 9.554 $\pm$ 0.524 χ^2 /NDF:0.0/0

Left: 21.994 $\pm$ 0.267 χ^2 /NDF: 760.7/1

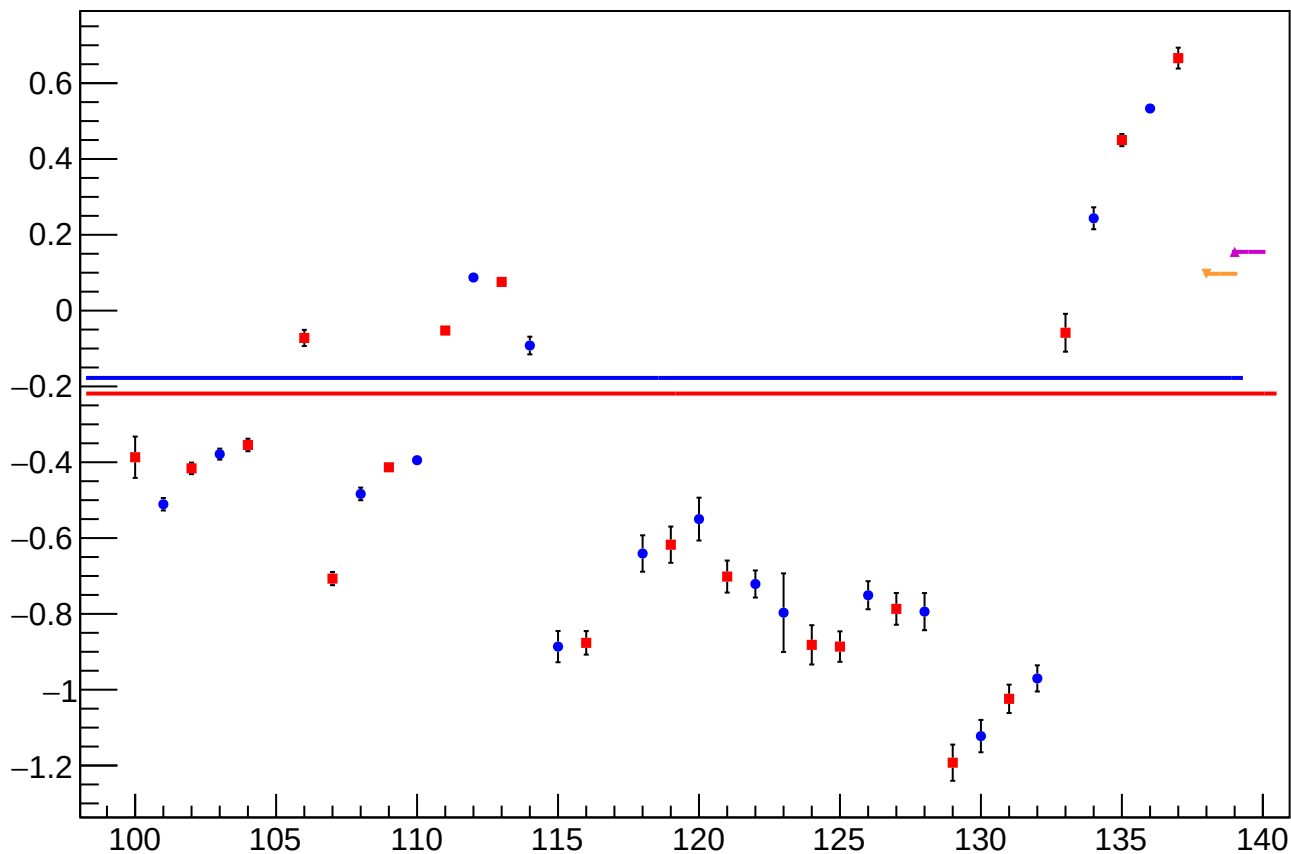
Right: 42.031 $\pm$ 0.059 χ^2 /NDF: 28978.3/35

In: 42.873 $\pm$ 0.085 χ^2 /NDF:14787.5/17

Out: 39.646 $\pm$ 0.078 χ^2 /NDF:19528.7/19

All: 41.105 $\pm$ 0.057 χ^2 /NDF: 35096.8/37

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: 0.155 ± 0.011 χ^2/NDF : 0.0/0

Left: 0.127 ± 0.008 χ^2/NDF : 12.1/1

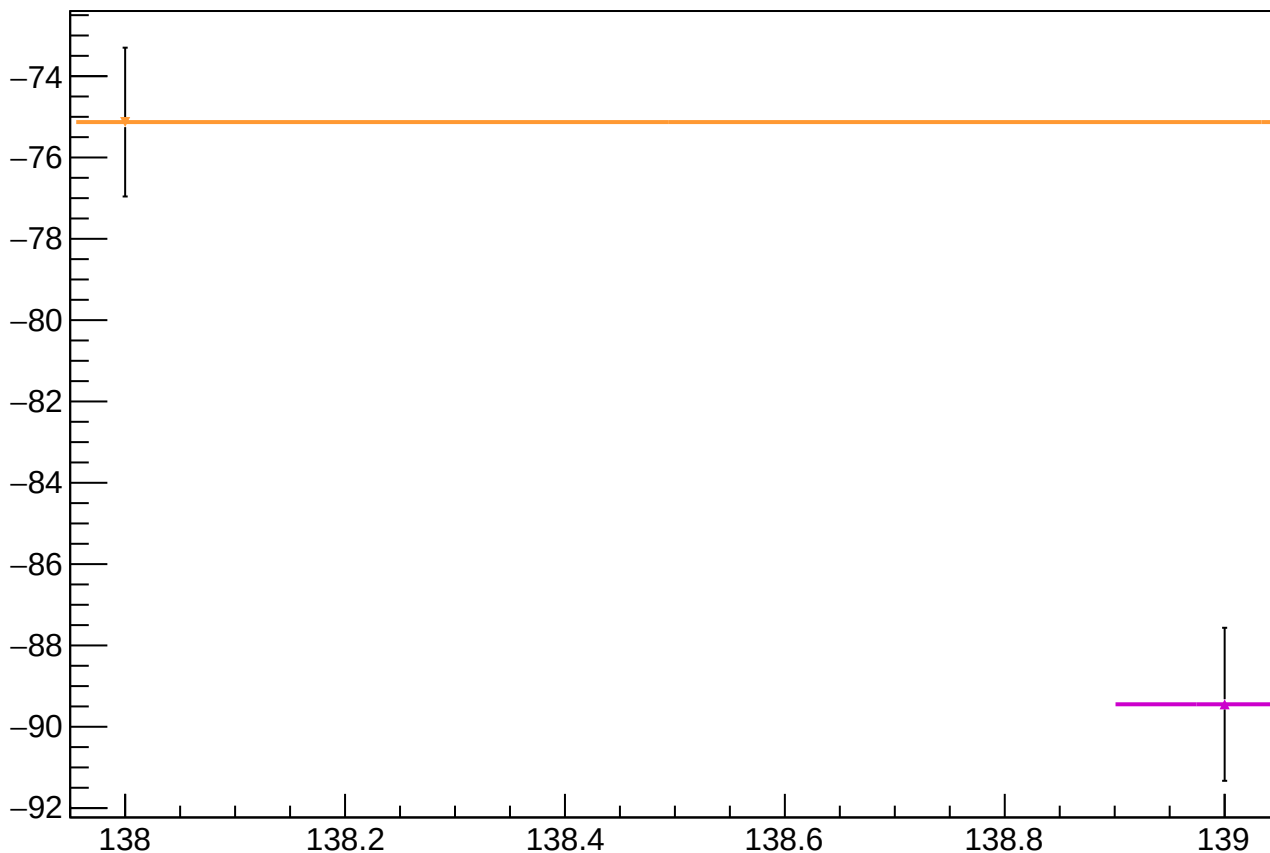
Right: -0.201 ± 0.003 χ^2/NDF : 14886.5/35

In: -0.127 ± 0.004 χ^2/NDF : 8087.9/17

Out: -0.183 ± 0.004 χ^2/NDF : 8089.4/19

All: -0.158 ± 0.003 χ^2/NDF : 16261.0/37

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: -89.447+/-1.881 χ^2/NDF : 0.0/0

Left: -82.089+/-1.312 χ^2/NDF : 29.8/1

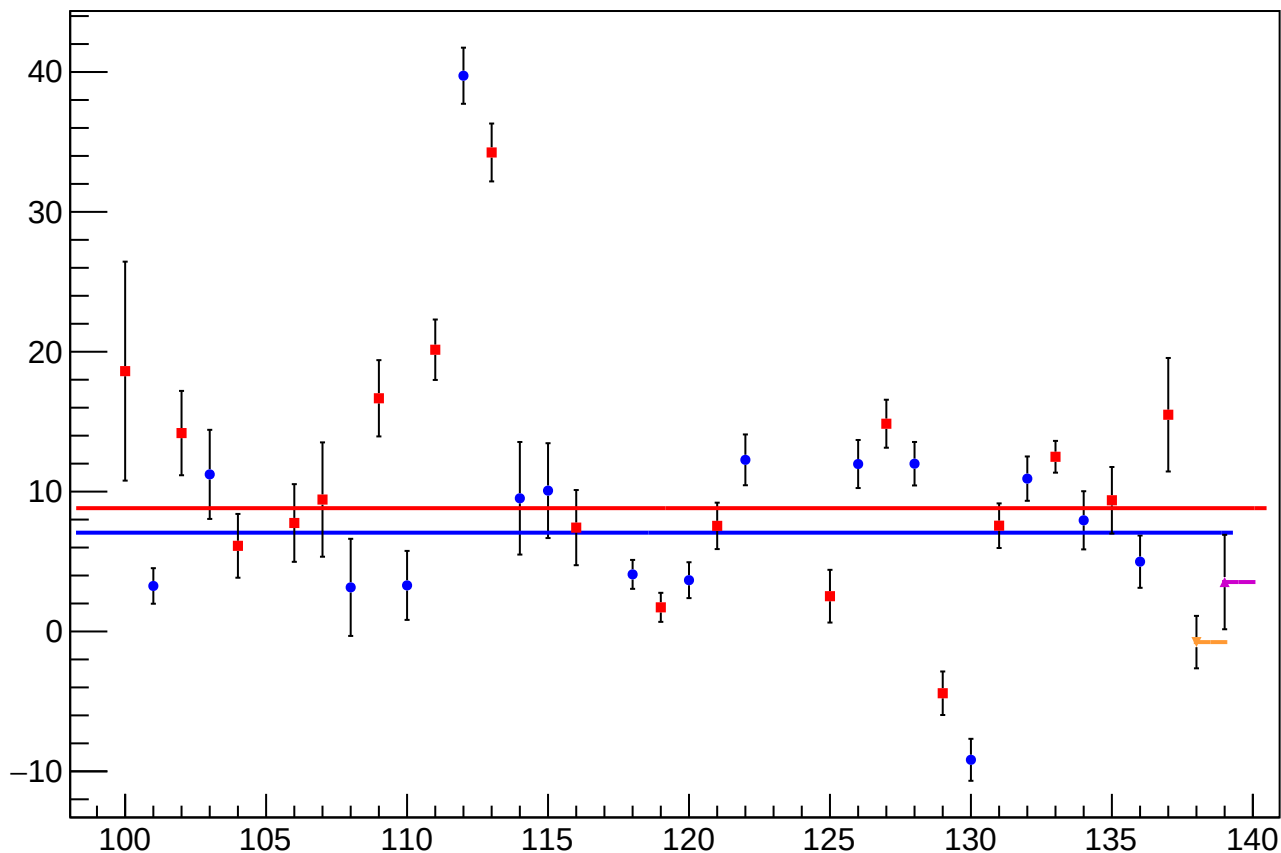
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -89.447+/-1.881 χ^2/NDF : 0.0/0

Out: -75.129+/-1.830 χ^2/NDF : 0.0/0

All: -82.089+/-1.312 χ^2/NDF : 29.8/1

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 ± 0.434 $\chi^2/\text{NDF}: 446.9/15$

Left Out: -0.761 ± 1.875 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.534 ± 3.376 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.252 ± 1.639 $\chi^2/\text{NDF}: 1.2/1$

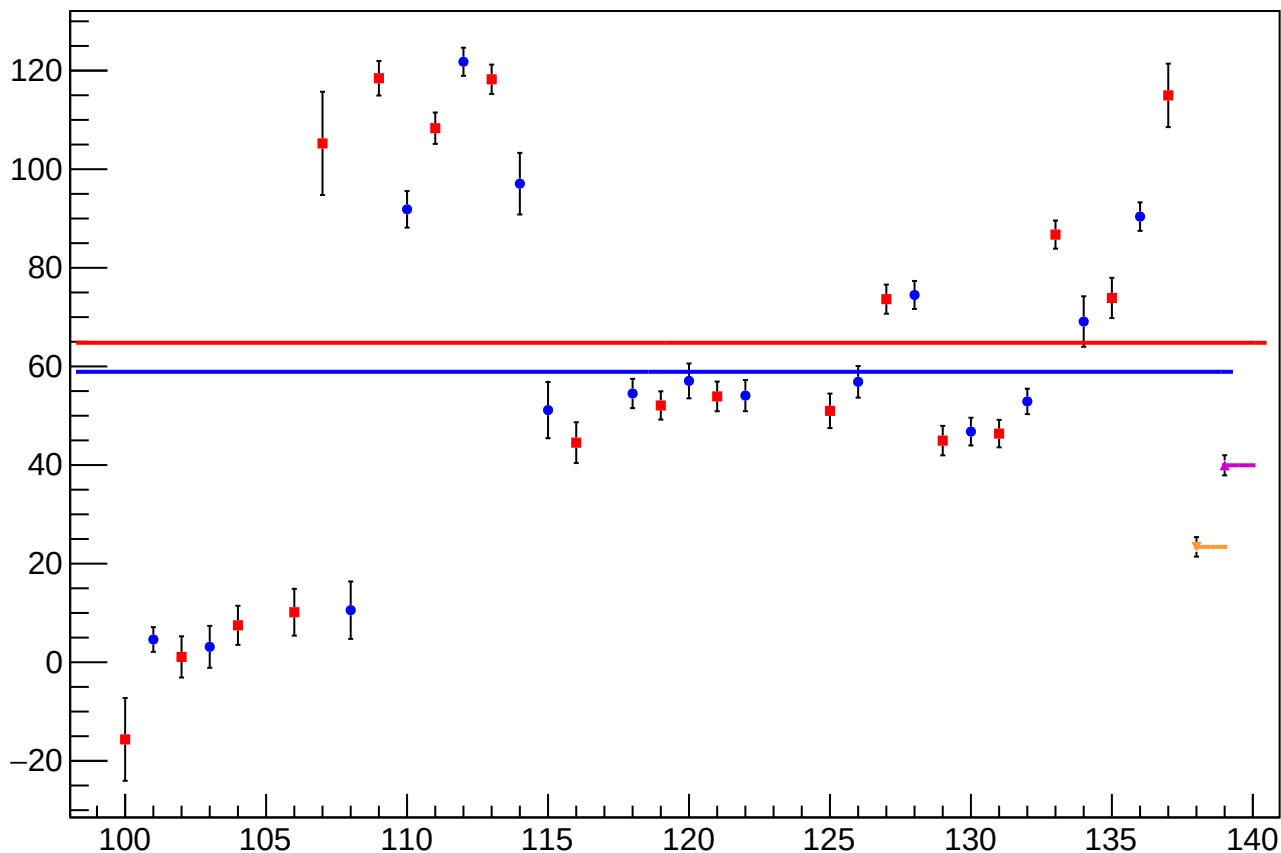
Right: 7.909 ± 0.312 $\chi^2/\text{NDF}: 805.1/33$

In: 7.006 ± 0.430 $\chi^2/\text{NDF}: 447.9/16$

Out: 8.296 ± 0.437 $\chi^2/\text{NDF}: 375.1/18$

All: 7.641 ± 0.306 $\chi^2/\text{NDF}: 827.4/35$

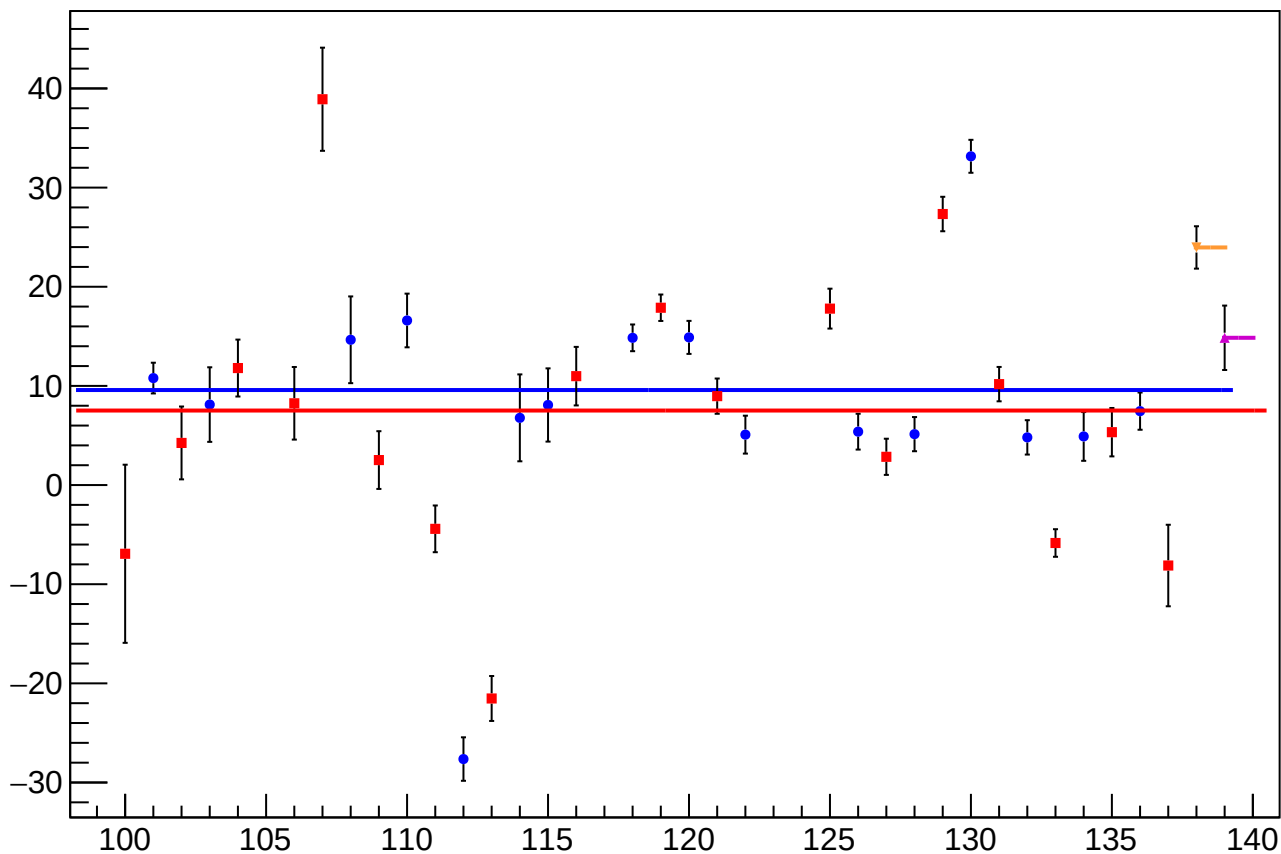
reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 39.949+/-2.039 χ^2/NDF : 0.0/0

Left: 31.451+/-1.422 χ^2/NDF : 33.8/1
 Right: 61.827+/-0.591 χ^2/NDF : 3239.7/33
 In: 56.209+/-0.770 χ^2/NDF : 1570.9/16
 Out: 58.507+/-0.774 χ^2/NDF : 2087.3/18
 All: 57.352+/-0.546 χ^2/NDF : 3662.6/35

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 $\pm$ 0.501 χ^2 /NDF: 554.4/15

Left Out: 23.964 $\pm$ 2.137 χ^2 /NDF:0.0/0

Right Out: 7.516 $\pm$ 0.516 χ^2 /NDF: 569.8/17

Left In: 14.852 $\pm$ 3.248 χ^2 /NDF:0.0/0

Left: 21.211 $\pm$ 1.785 χ^2 /NDF: 5.5/1

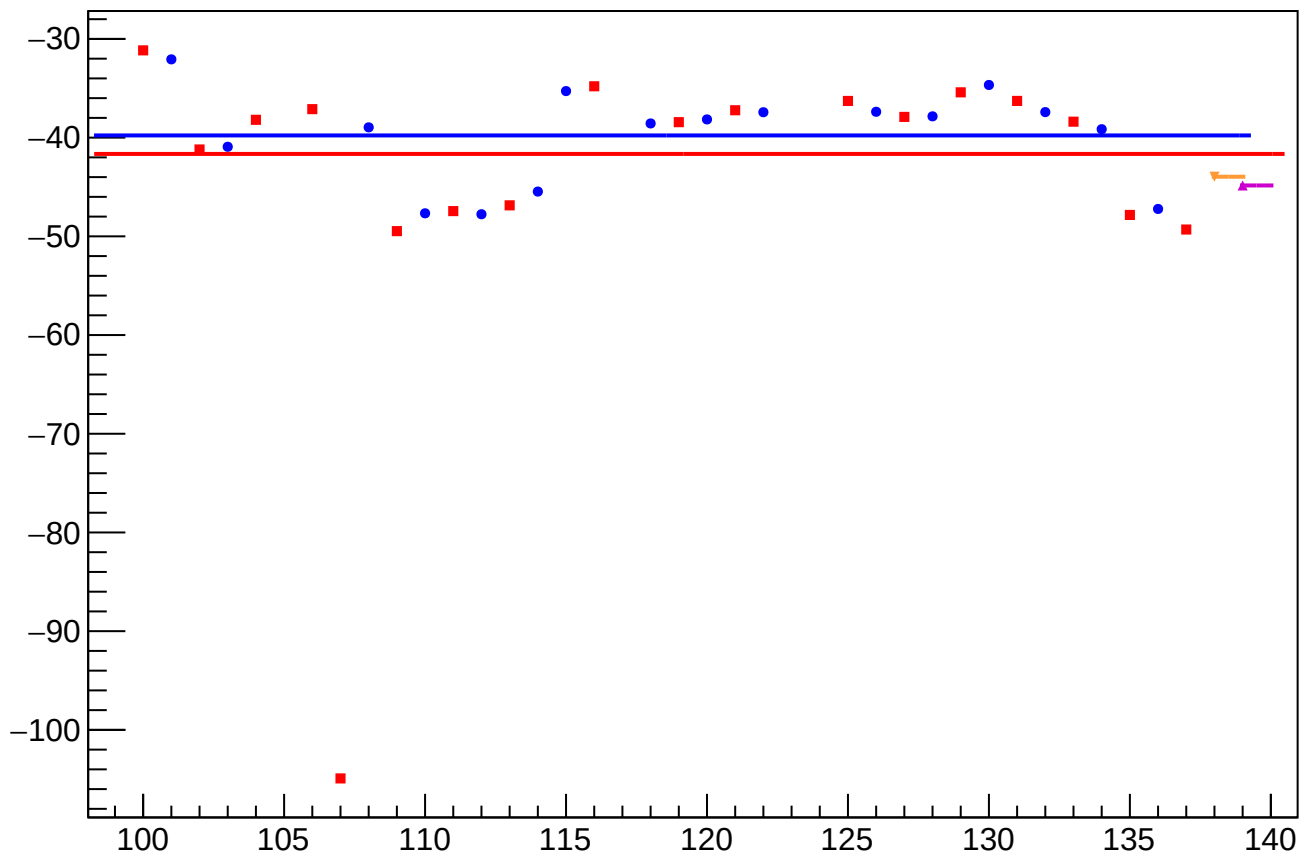
Right: 8.579 $\pm$ 0.359 χ^2 /NDF: 1132.5/33

In: 9.705 $\pm$ 0.495 χ^2 /NDF:557.0/16

Out: 8.421 $\pm$ 0.501 χ^2 /NDF:625.8/18

All: 9.071 $\pm$ 0.352 χ^2 /NDF: 1186.1/35

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -43.960 ± 0.078 χ^2/NDF : 0.0/0

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

Left In: -44.844 ± 0.071 χ^2/NDF : 0.0/0

Left: -44.441 ± 0.053 χ^2/NDF : 69.8/1

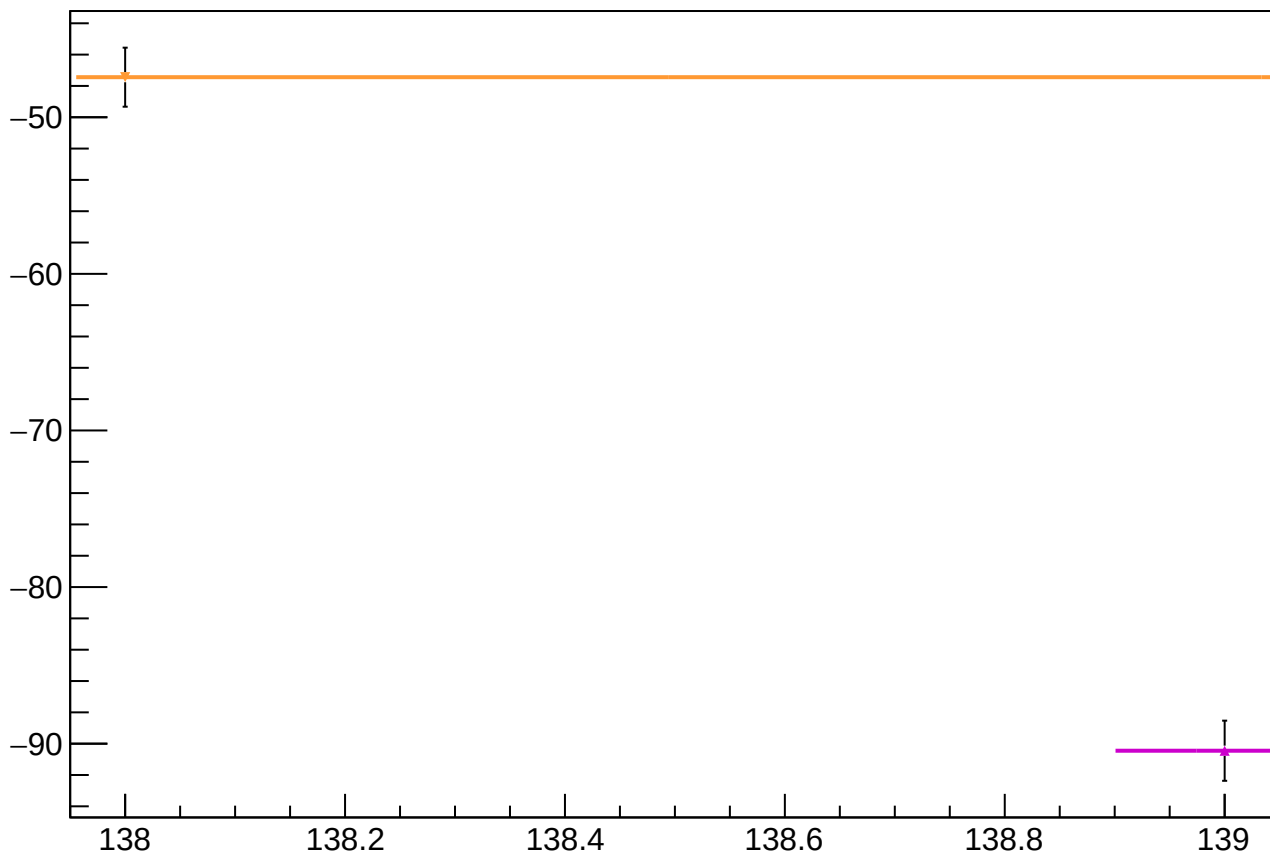
Right: -40.710 ± 0.022 χ^2/NDF : 122427.7/33

In: -40.583 ± 0.028 χ^2/NDF : 30390.4/16

Out: -41.969 ± 0.029 χ^2/NDF : 95212.2/18

All: -41.264 ± 0.020 χ^2/NDF : 126766.2/35

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: -90.450+/-1.920 χ^2/NDF : 0.0/0

Left: -68.546+/-1.345 χ^2/NDF : 255.5/1

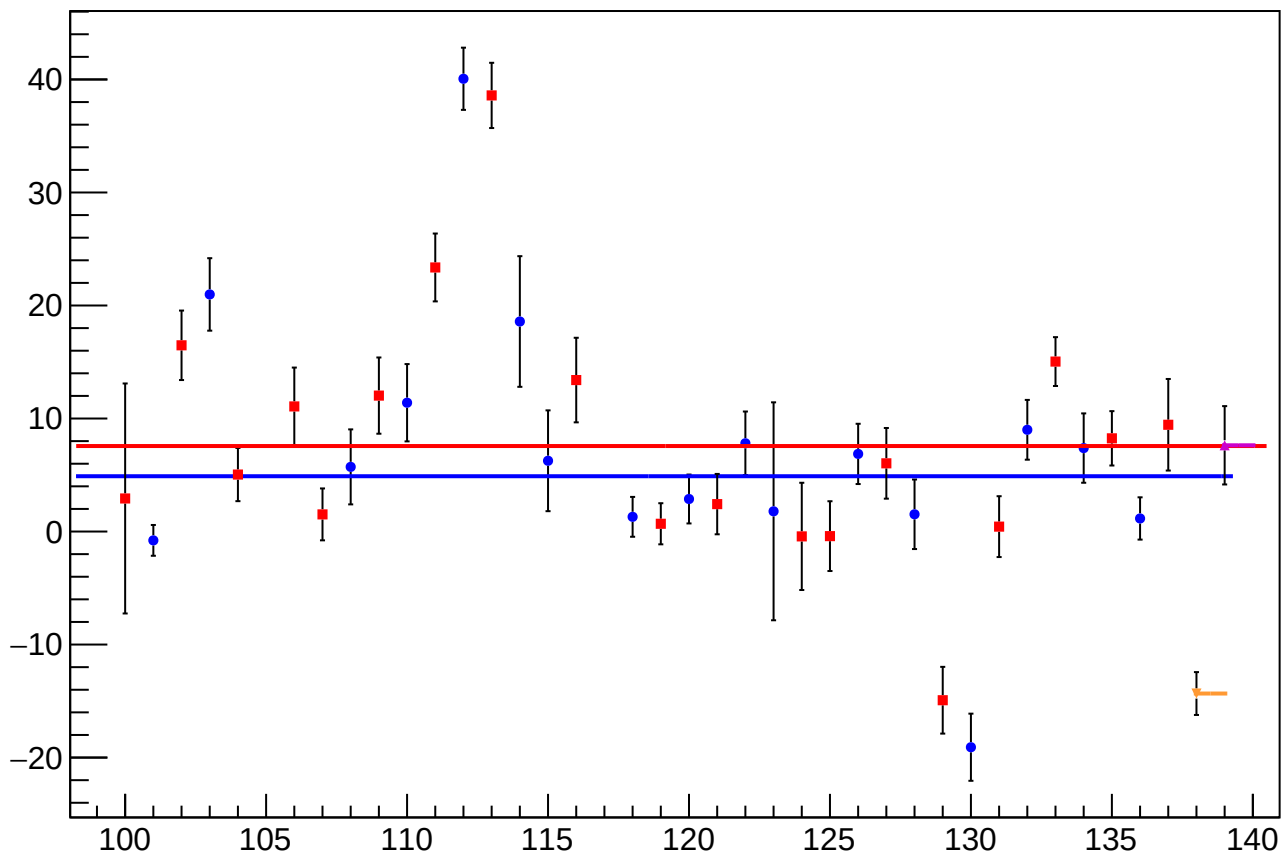
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -90.450+/-1.920 χ^2/NDF : 0.0/0

Out: -47.442+/-1.885 χ^2/NDF : 0.0/0

All: -68.546+/-1.345 χ^2/NDF : 255.5/1

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 $\chi^2/\text{NDF}: 295.4/16$

Left Out: -14.334 ± 1.896 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 7.565 ± 0.652 $\chi^2/\text{NDF}: 270.2/18$

Left In: 7.631 ± 3.466 $\chi^2/\text{NDF}: 0.0/0$

Left: -9.274 ± 1.664 $\chi^2/\text{NDF}: 30.9/1$

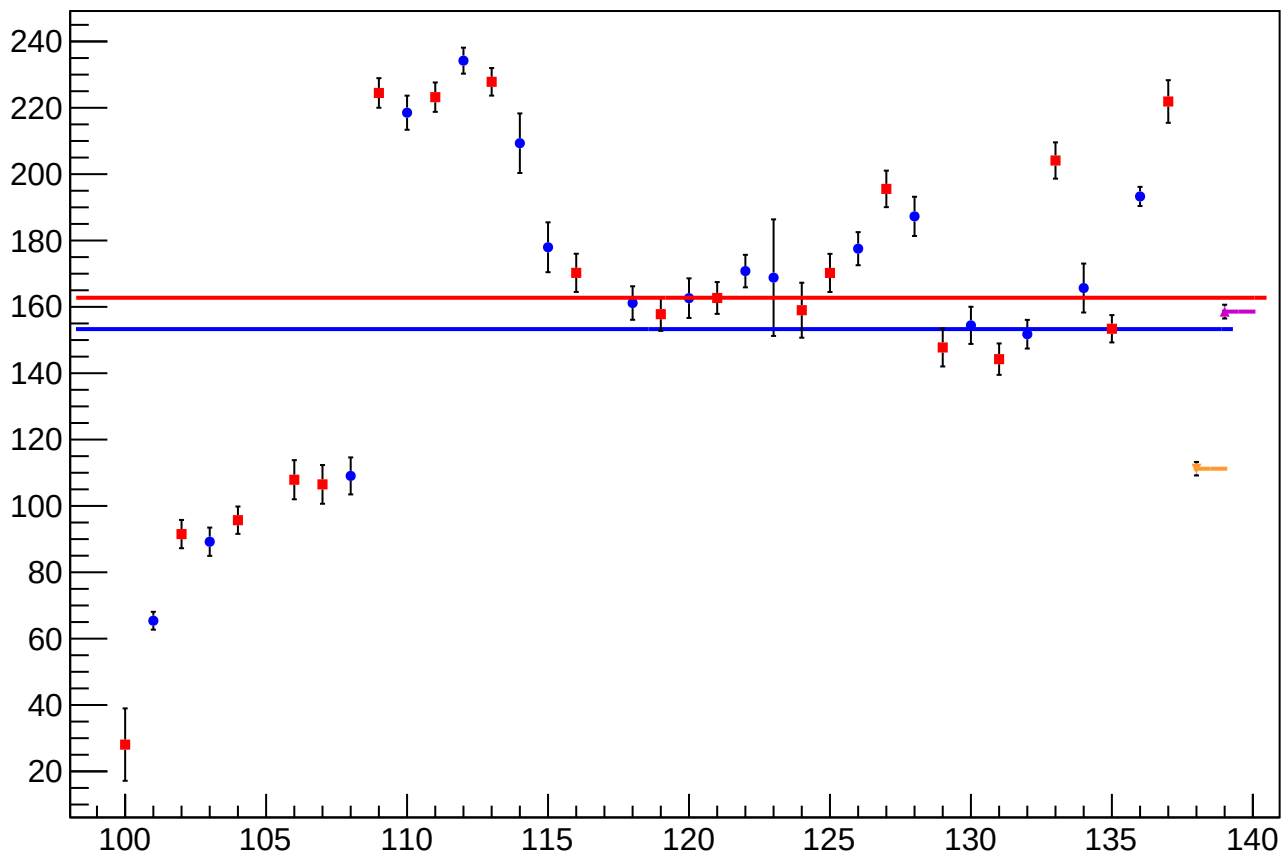
Right: 6.165 ± 0.450 $\chi^2/\text{NDF}: 574.4/35$

In: 4.979 ± 0.611 $\chi^2/\text{NDF}: 296.0/17$

Out: 5.252 ± 0.616 $\chi^2/\text{NDF}: 389.5/19$

All: 5.114 ± 0.434 $\chi^2/\text{NDF}: 685.6/37$

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: 158.572 $\pm$ 2.078 χ^2 /NDF:0.0/0

Left: 134.491 $\pm$ 1.457 χ^2 /NDF: 264.0/1

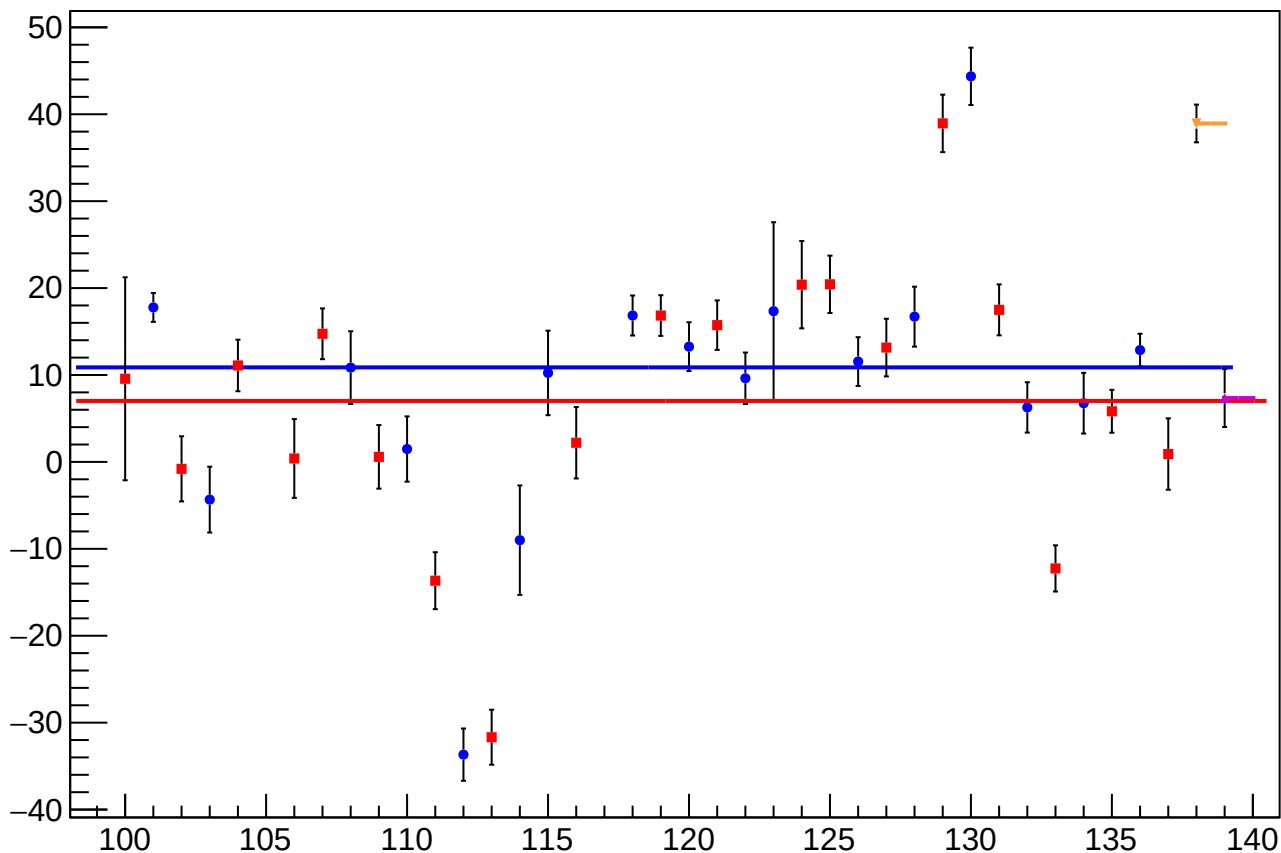
Right: 157.893 $\pm$ 0.820 χ^2 /NDF: 4008.6/35

In: 154.525 $\pm$ 1.003 χ^2 /NDF:2271.7/17

Out: 149.916 $\pm$ 1.020 χ^2 /NDF:2186.3/19

All: 152.259 $\pm$ 0.715 χ^2 /NDF: 4468.4/37

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF : 388.1/16

Left Out: 38.939+/-2.171 χ^2/NDF : 0.0/0

Right Out: 7.014+/-0.748 χ^2/NDF : 424.5/18

Left In: 7.345+/-3.337 χ^2/NDF : 0.0/0

Left: 29.546+/-1.820 χ^2/NDF : 63.0/1

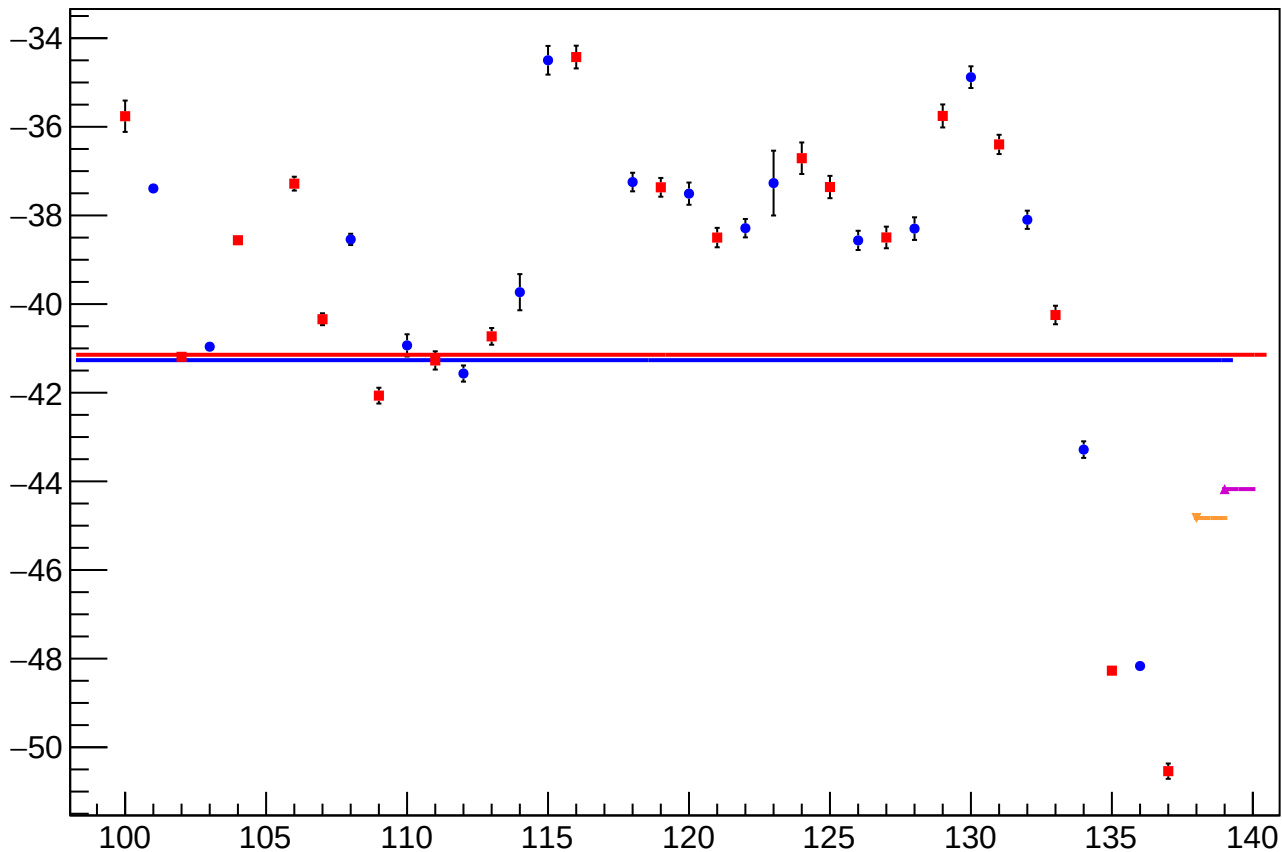
Right: 9.038+/-0.516 χ^2/NDF : 826.6/35

In: 10.723+/-0.698 χ^2/NDF : 389.1/17

Out: 10.403+/-0.707 χ^2/NDF : 617.9/19

All: 10.565+/-0.497 χ^2/NDF : 1007.1/37

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: -44.175+/-0.073 χ^2/NDF : 0.0/0

Left: -44.470+/-0.054 χ^2/NDF : 35.8/1

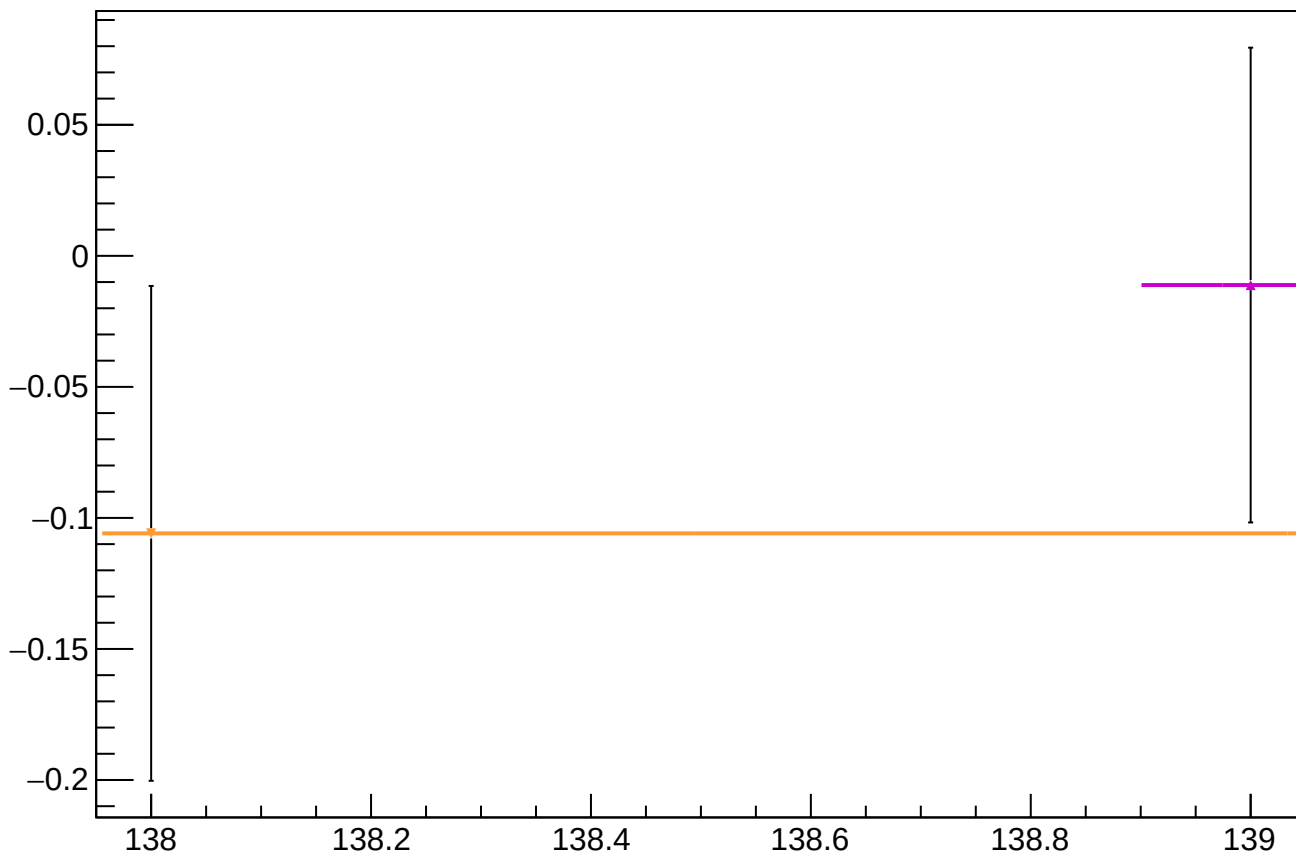
Right: -41.205+/-0.027 χ^2/NDF : 24793.7/35

In: -41.894+/-0.034 χ^2/NDF : 13804.2/17

Out: -41.829+/-0.035 χ^2/NDF : 13912.5/19

All: -41.862+/-0.024 χ^2/NDF : 27718.4/37

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: -0.011 ± 0.091 χ^2/NDF : 0.0/0

Left: -0.057 ± 0.065 χ^2/NDF : 0.5/1

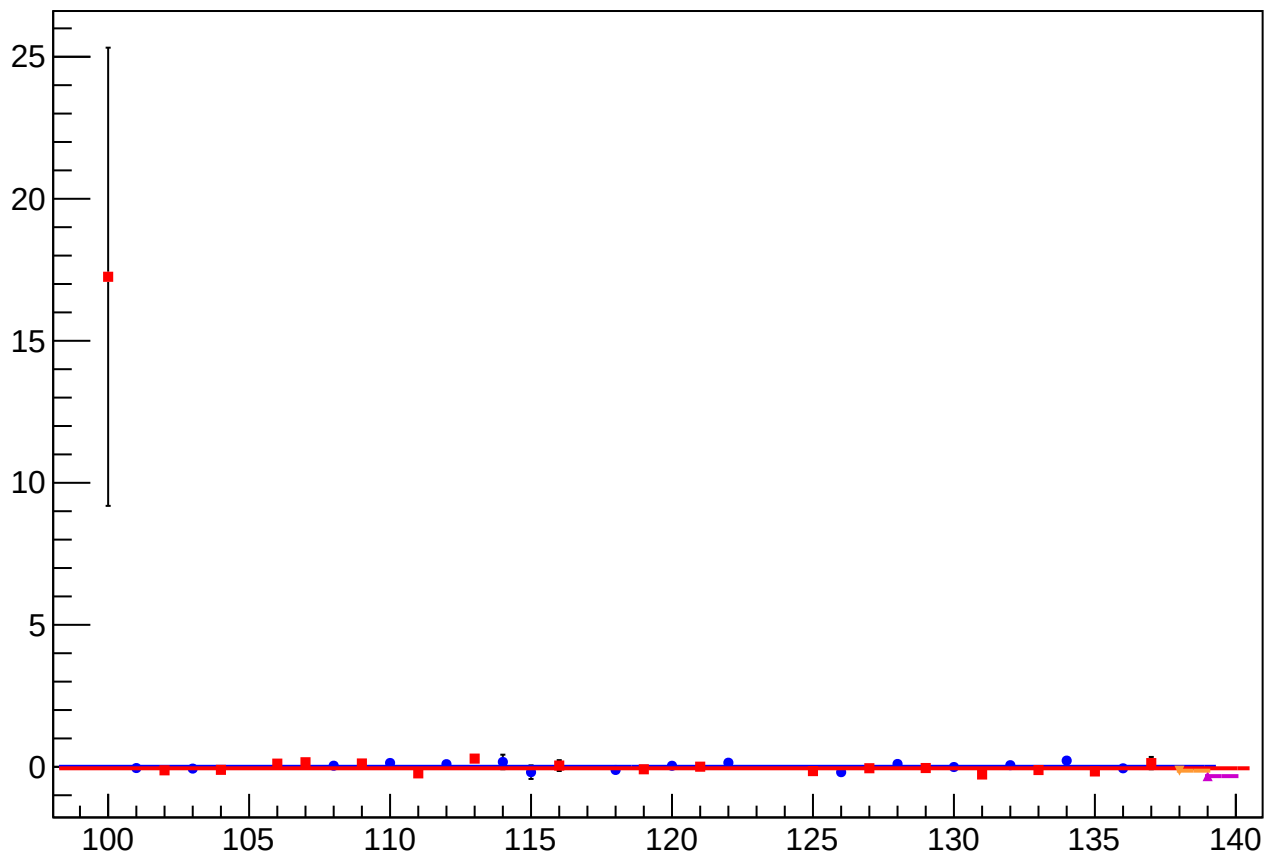
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.011 ± 0.091 χ^2/NDF : 0.0/0

Out: -0.106 ± 0.094 χ^2/NDF : 0.0/0

All: -0.057 ± 0.065 χ^2/NDF : 0.5/1

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 ± 0.028 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.134 ± 0.101 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.051 ± 0.029 $\chi^2/\text{NDF}: 25.8/17$

Left In: -0.327 ± 0.164 $\chi^2/\text{NDF}: 0.0/0$

Left: -0.188 ± 0.086 $\chi^2/\text{NDF}: 1.0/1$

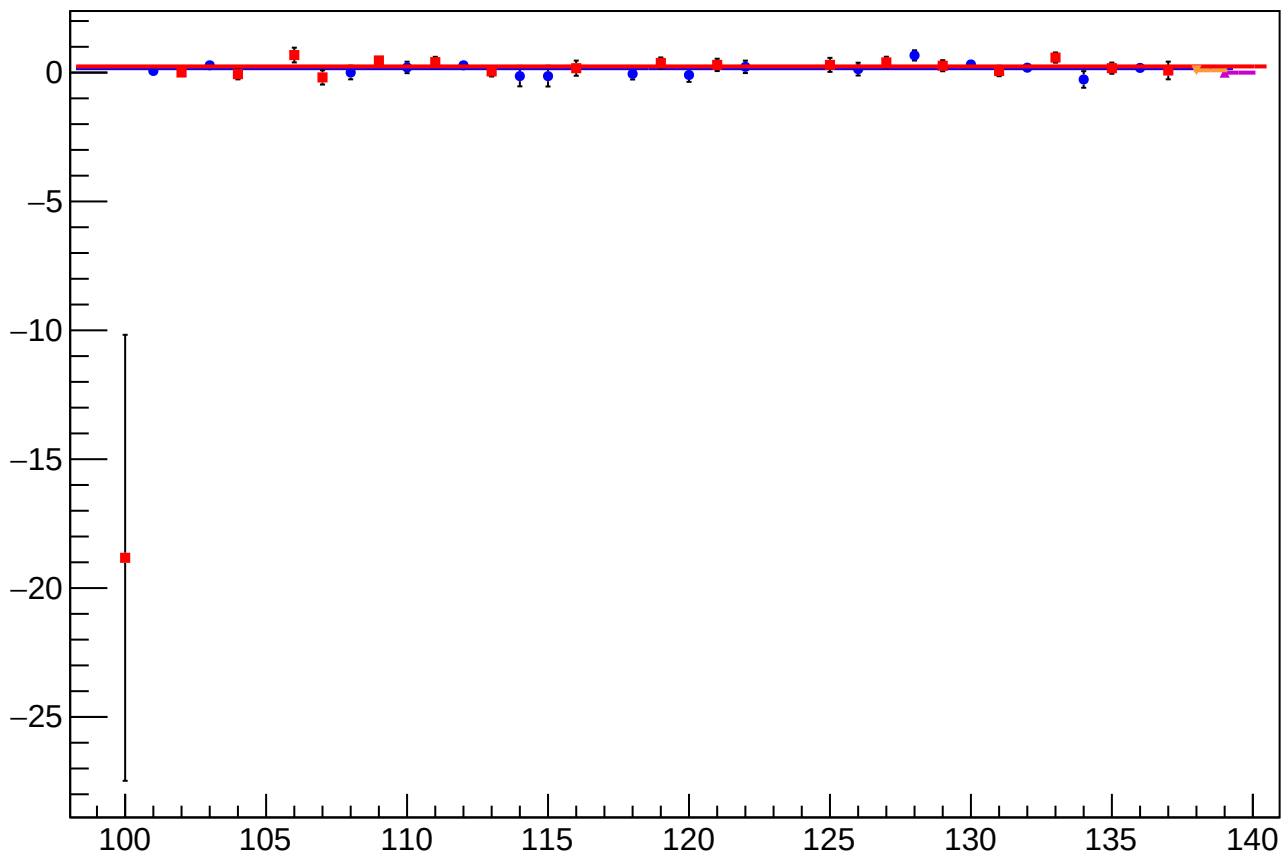
Right: -0.024 ± 0.020 $\chi^2/\text{NDF}: 40.0/33$

In: -0.008 ± 0.028 $\chi^2/\text{NDF}: 16.4/16$

Out: -0.057 ± 0.028 $\chi^2/\text{NDF}: 26.4/18$

All: -0.032 ± 0.020 $\chi^2/\text{NDF}: 44.4/35$

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: -0.002 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Left: 0.041 $\pm$ 0.071 χ^2 /NDF: 0.4/1

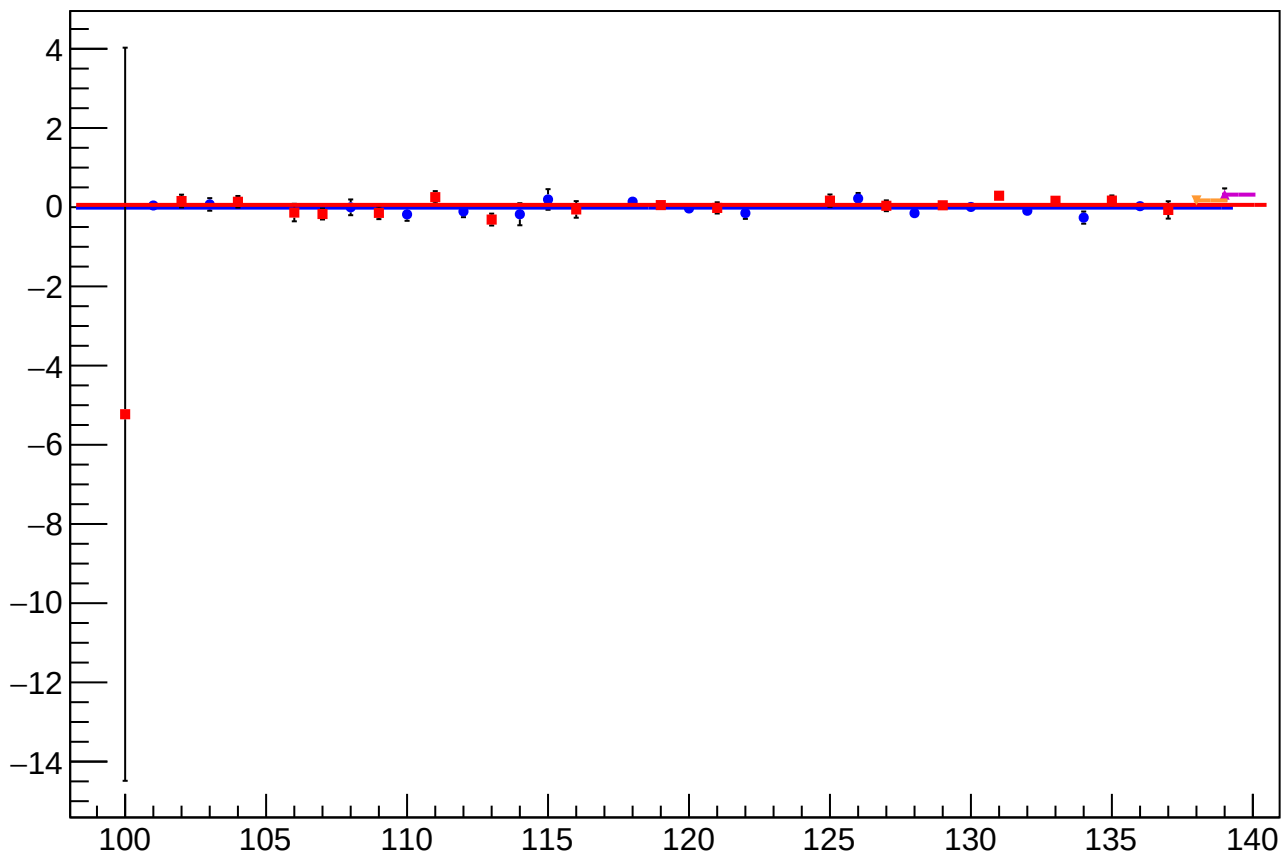
Right: 0.204 $\pm$ 0.038 χ^2 /NDF: 36.3/33

In: 0.132 $\pm$ 0.046 χ^2 /NDF: 16.1/16

Out: 0.206 $\pm$ 0.048 χ^2 /NDF: 23.5/18

All: 0.168 $\pm$ 0.033 χ^2 /NDF: 40.8/35

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: 0.317 $\pm$ 0.158 χ^2 /NDF:0.0/0

Left: 0.221 $\pm$ 0.092 χ^2 /NDF: 0.6/1

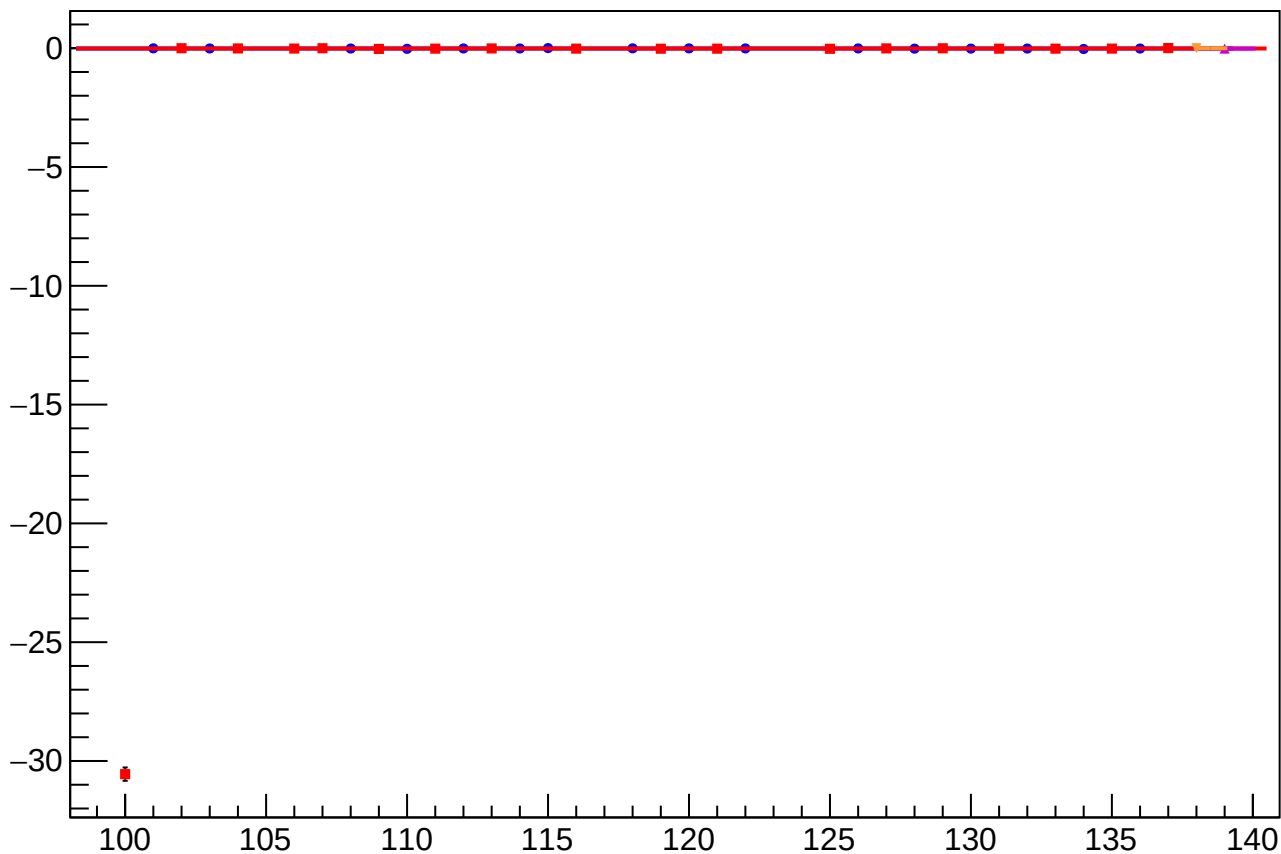
Right: 0.022 $\pm$ 0.023 χ^2 /NDF: 36.5/33

In: 0.002 $\pm$ 0.032 χ^2 /NDF:17.9/16

Out: 0.068 $\pm$ 0.033 χ^2 /NDF:21.5/18

All: 0.034 $\pm$ 0.023 χ^2 /NDF: 41.4/35

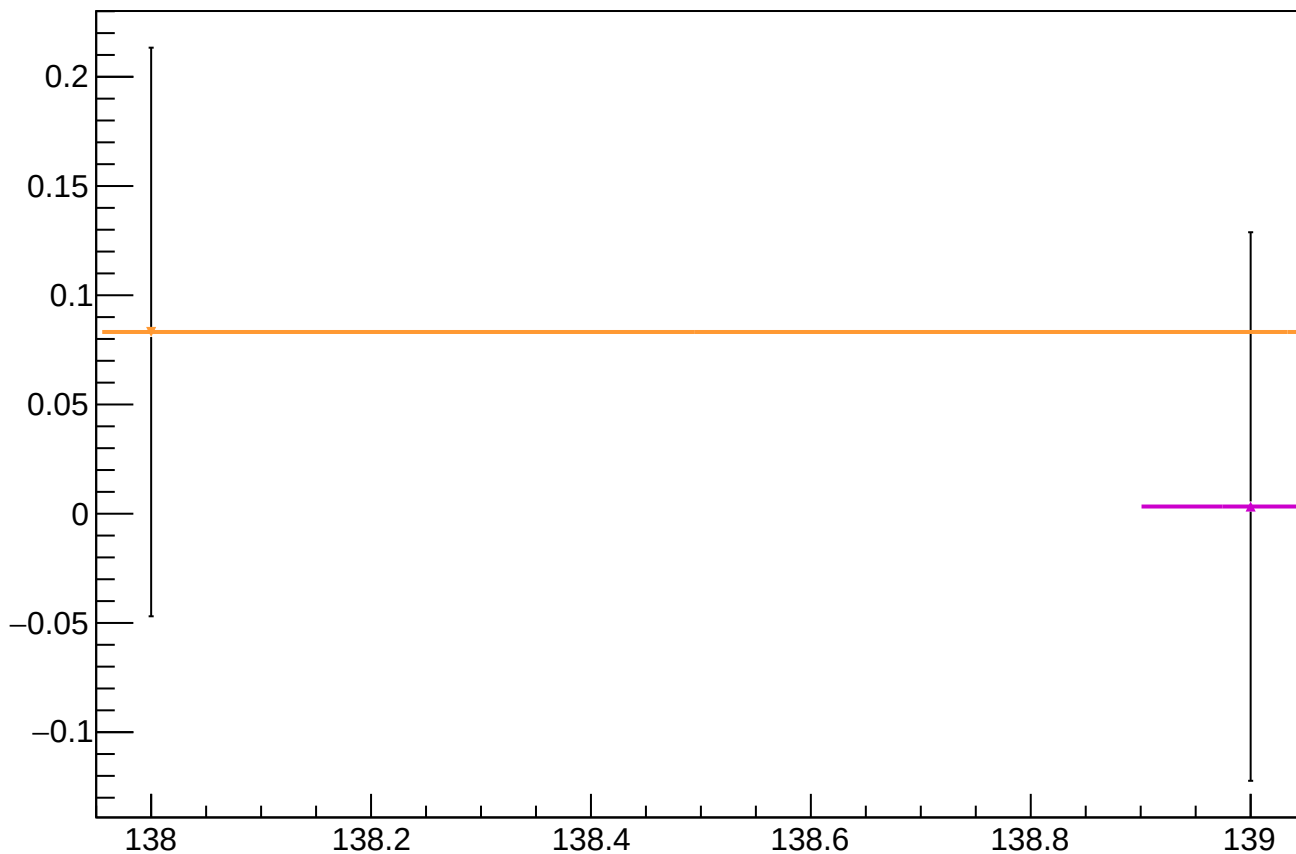
reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.015 $\pm$ 0.003 χ^2 /NDF:0.0/0

Left: -0.009 $\pm$ 0.003 χ^2 /NDF: 6.9/1
 Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11904.4/33
 In: -0.013 $\pm$ 0.002 χ^2 /NDF:13.8/16
 Out: -0.010 $\pm$ 0.002 χ^2 /NDF:11897.4/18
 All: -0.012 $\pm$ 0.001 χ^2 /NDF: 11912.1/35

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: 0.003 $\pm$ 0.126 χ^2 /NDF: 0.0/0

Left: 0.042 $\pm$ 0.090 χ^2 /NDF: 0.2/1

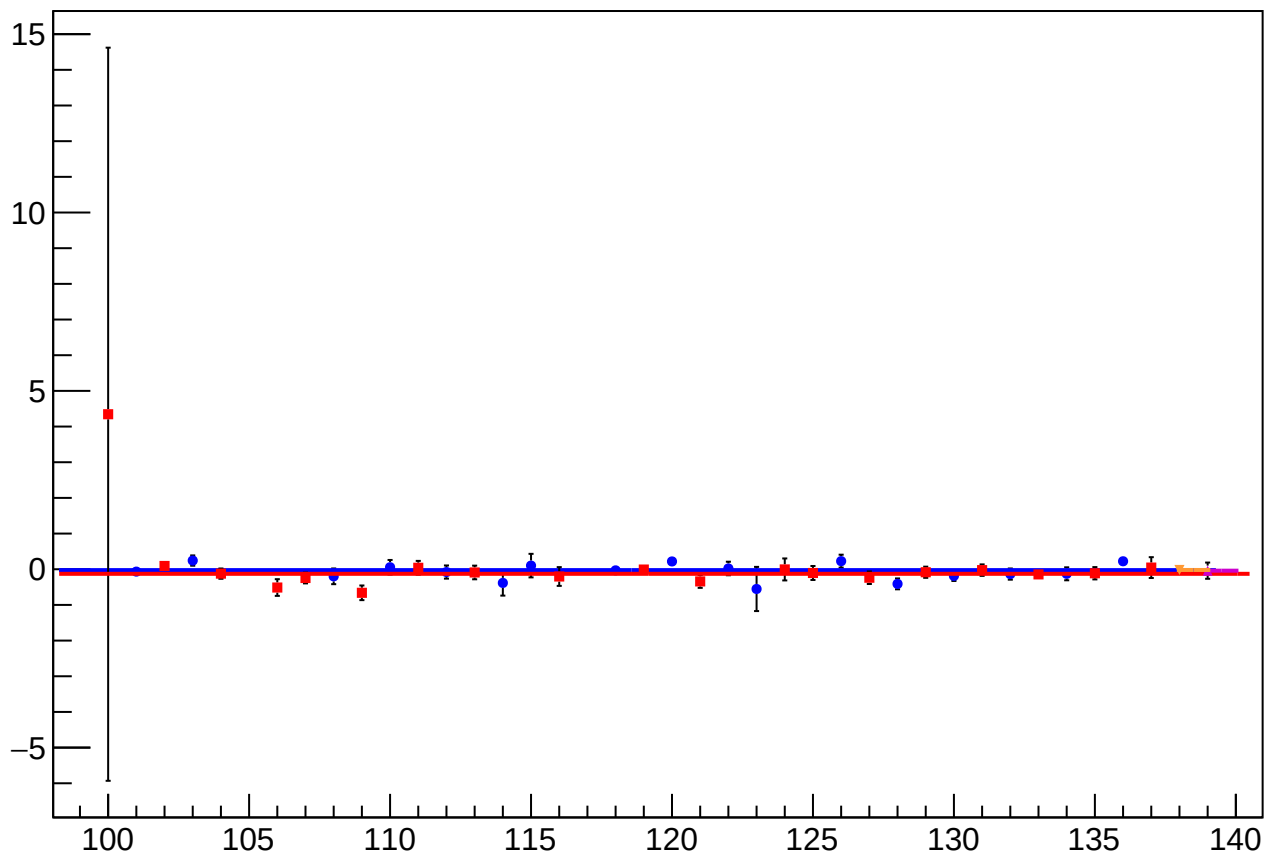
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.003 $\pm$ 0.126 χ^2 /NDF: 0.0/0

Out: 0.083 $\pm$ 0.130 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.090 χ^2 /NDF: 0.2/1

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.020 ± 0.140 χ^2/NDF : 0.0/0

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

Left In: -0.040 ± 0.227 χ^2/NDF : 0.0/0

Left: -0.026 ± 0.119 χ^2/NDF : 0.0/1

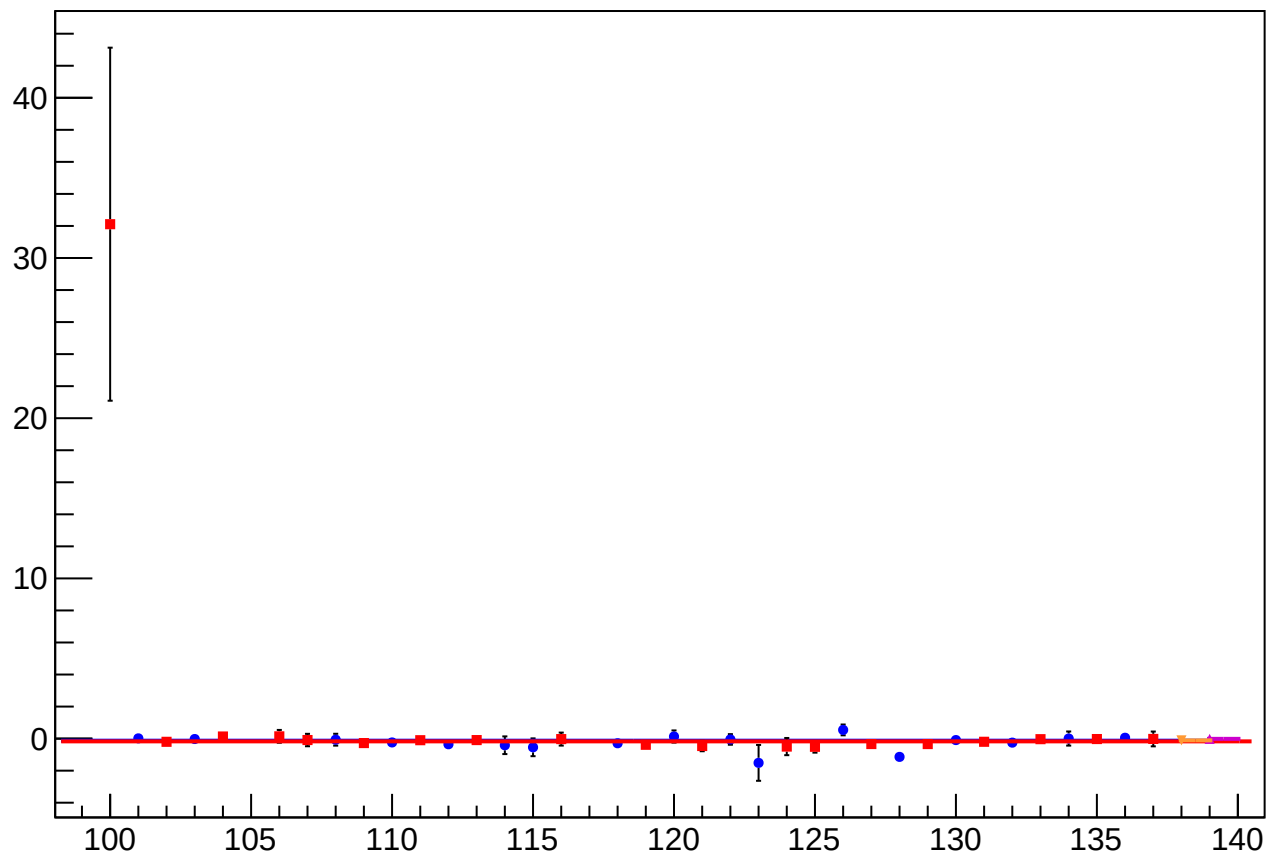
Right: -0.072 ± 0.027 χ^2/NDF : 44.7/35

In: -0.025 ± 0.036 χ^2/NDF : 23.4/17

Out: -0.120 ± 0.038 χ^2/NDF : 18.2/19

All: -0.070 ± 0.026 χ^2/NDF : 44.9/37

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: -0.015 ± 0.136 χ^2/NDF : 0.0/0

Left: -0.060 ± 0.098 χ^2/NDF : 0.2/1

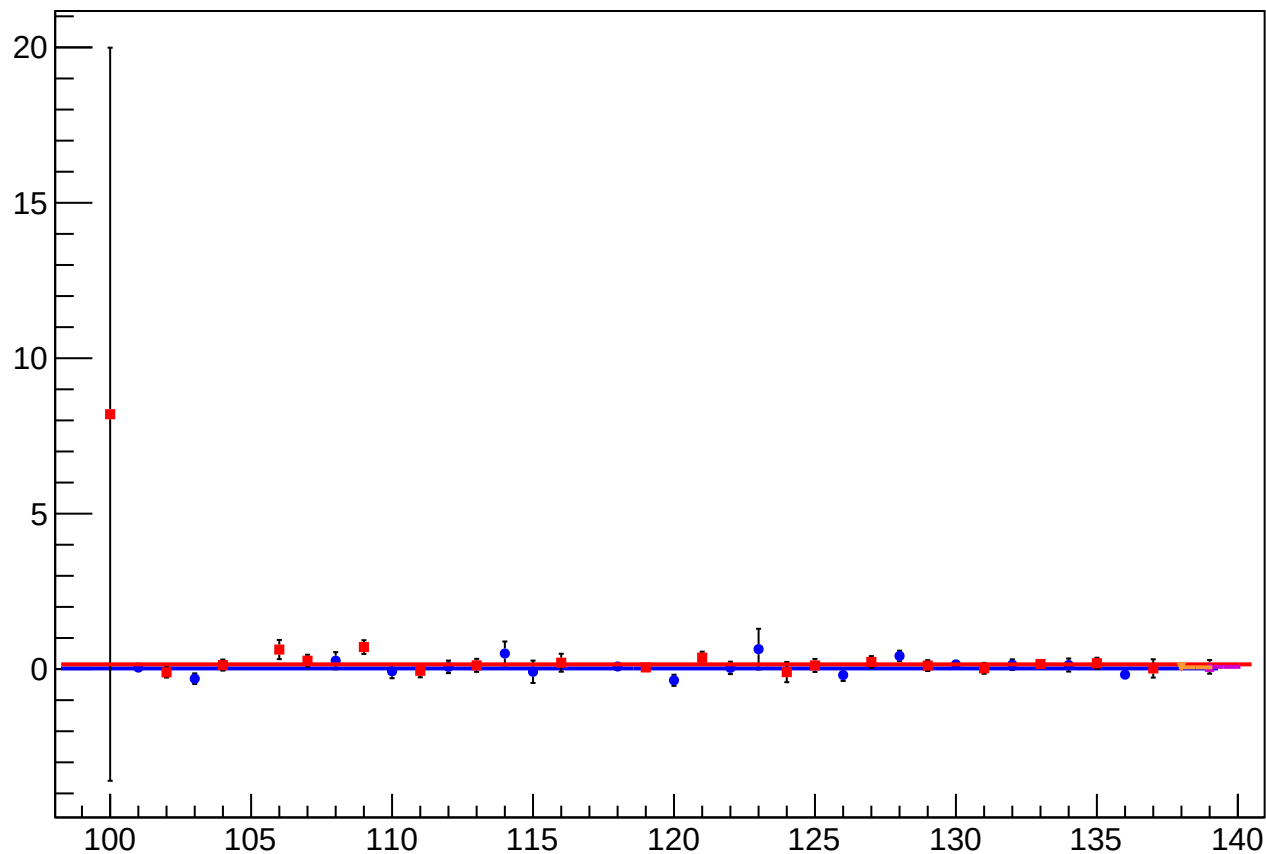
Right: -0.149 ± 0.049 χ^2/NDF : 39.0/35

In: -0.107 ± 0.060 χ^2/NDF : 24.3/17

Out: -0.159 ± 0.063 χ^2/NDF : 15.2/19

All: -0.132 ± 0.044 χ^2/NDF : 39.9/37

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: 0.071+/-0.219 χ^2/NDF :0.0/0

Left: 0.061+/-0.128 χ^2/NDF : 0.0/1

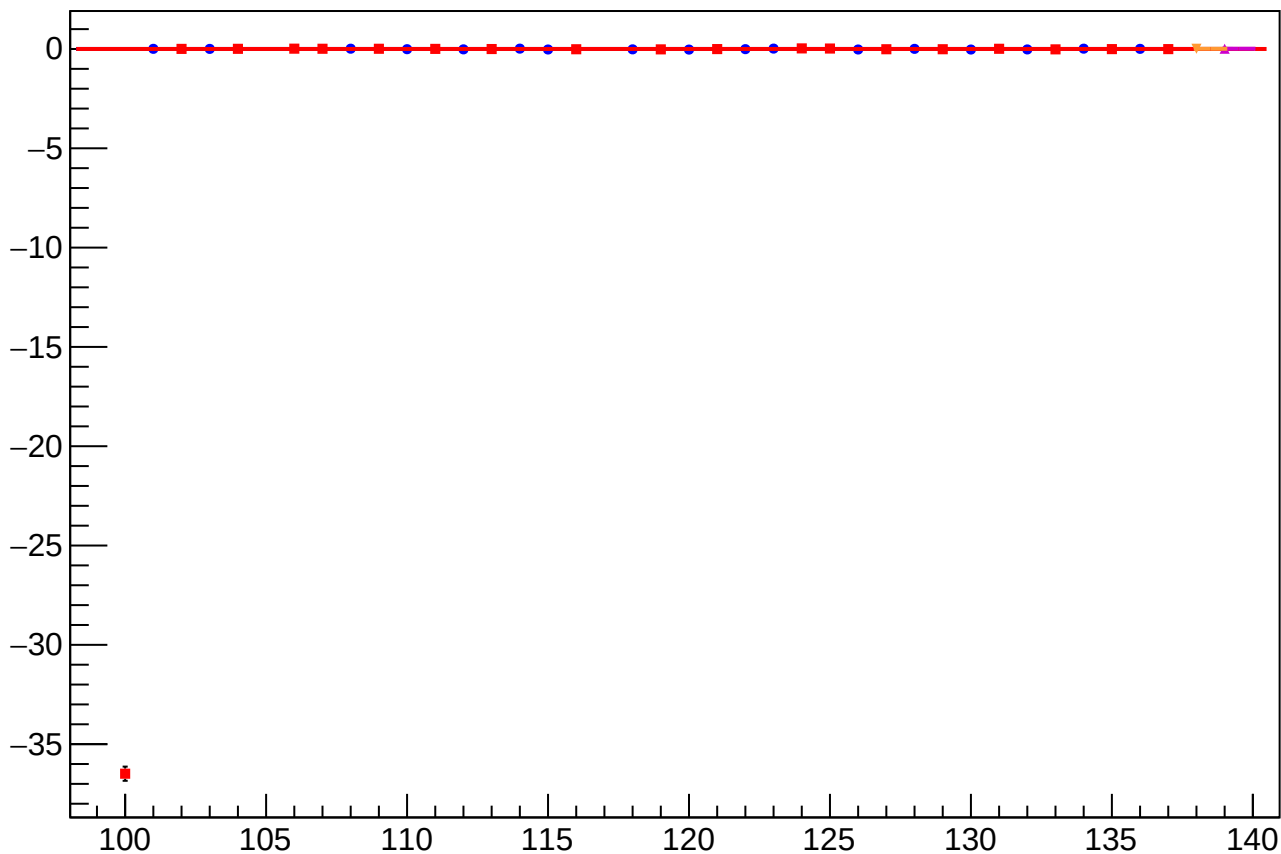
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.023+/-0.042 χ^2/NDF :22.6/17

Out: 0.145+/-0.044 χ^2/NDF :16.6/19

All: 0.080+/-0.030 χ^2/NDF : 43.2/37

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: 0.013 $\pm$ 0.005 χ^2/NDF : 0.0/0

Left: 0.013 $\pm$ 0.004 χ^2/NDF : 0.0/1

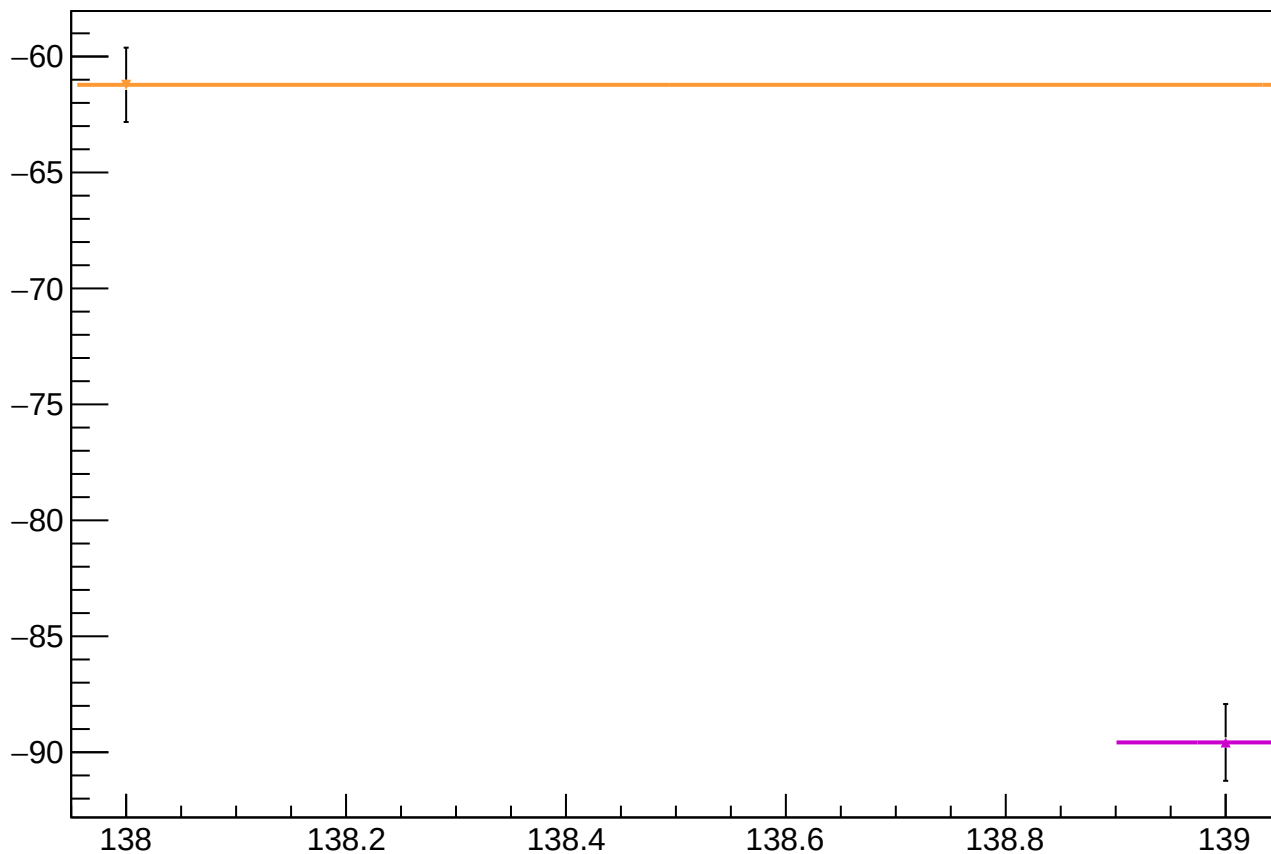
Right: 0.001 $\pm$ 0.002 χ^2/NDF : 10481.5/35

In: 0.003 $\pm$ 0.002 χ^2/NDF : 37.6/17

Out: 0.003 $\pm$ 0.002 χ^2/NDF : 10452.4/19

All: 0.003 $\pm$ 0.001 χ^2/NDF : 10490.0/37

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: -89.576+/-1.655 χ^2/NDF : 0.0/0

Left: -74.938+/-1.151 χ^2/NDF : 151.6/1

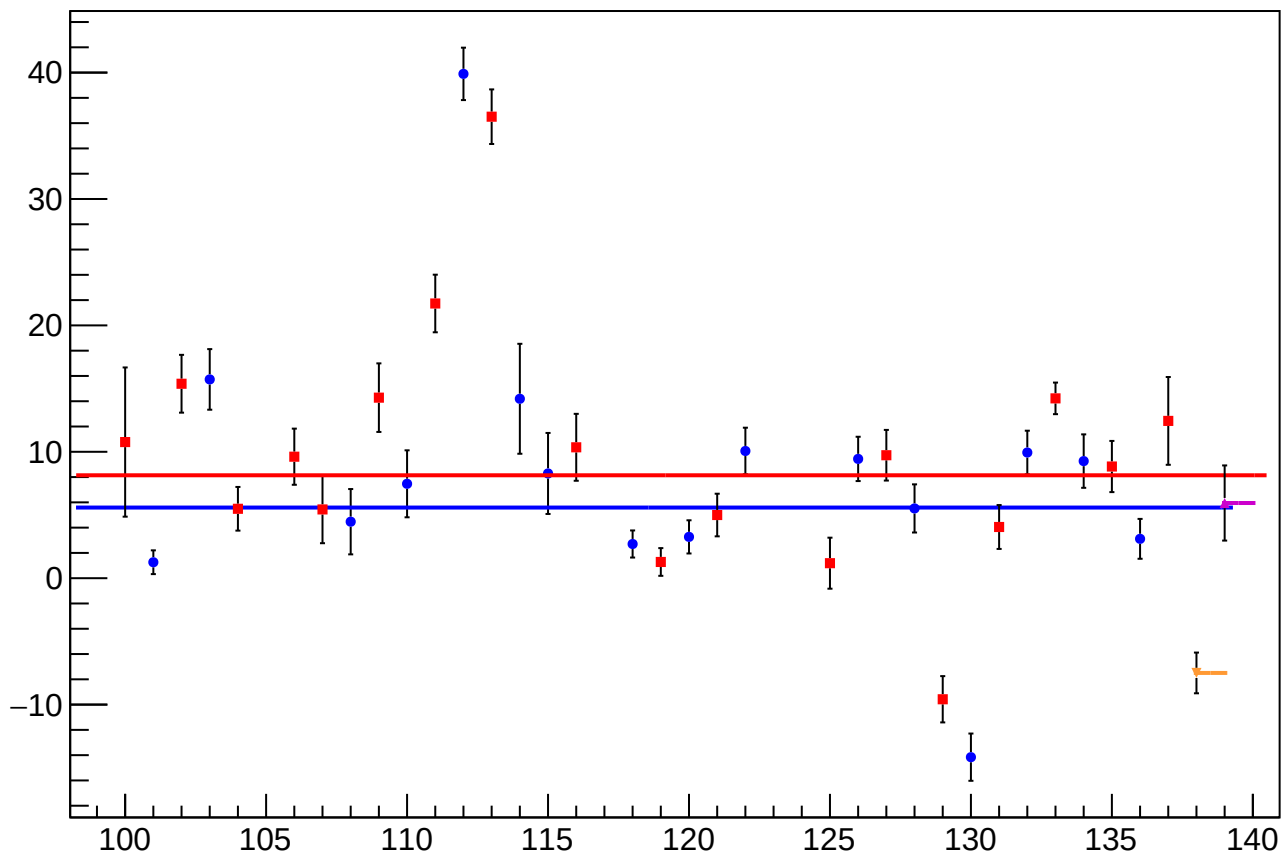
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -89.576+/-1.655 χ^2/NDF : 0.0/0

Out: -61.220+/-1.602 χ^2/NDF : 0.0/0

All: -74.938+/-1.151 χ^2/NDF : 151.6/1

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: 5.949+/-2.973 χ^2/NDF : 0.0/0

Left: -4.443+/-1.416 χ^2/NDF : 15.8/1

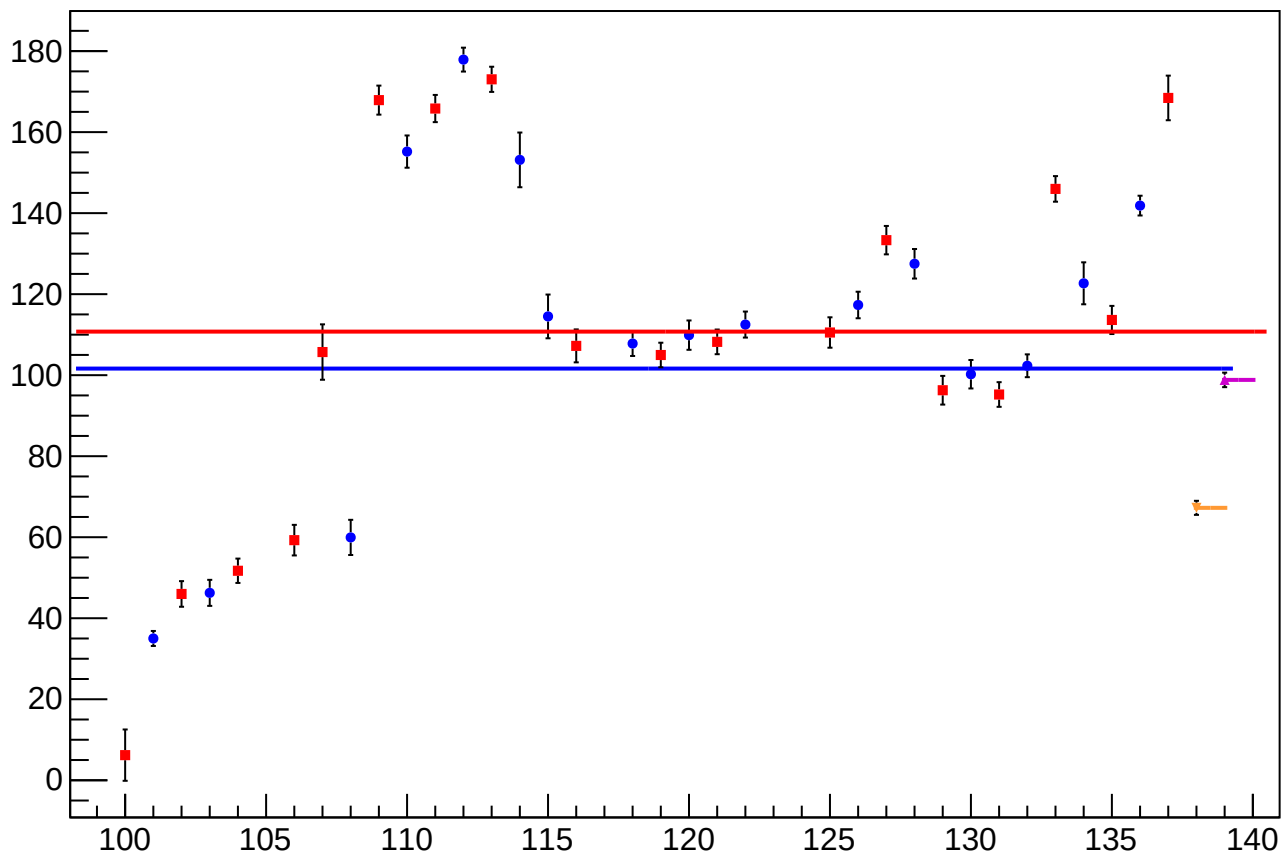
Right: 6.778+/-0.310 χ^2/NDF : 887.4/33

In: 5.596+/-0.419 χ^2/NDF : 462.8/16

Out: 6.993+/-0.437 χ^2/NDF : 495.0/18

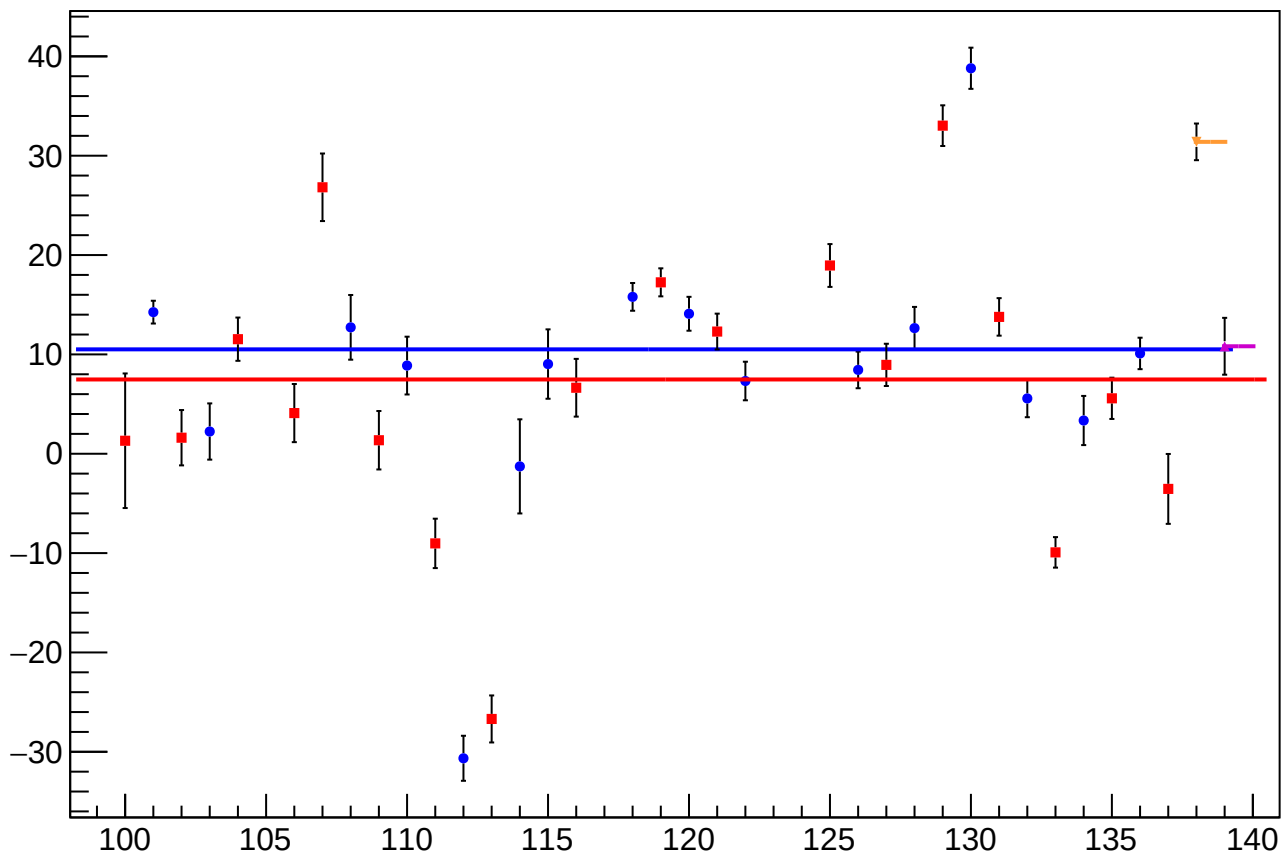
All: 6.266+/-0.302 χ^2/NDF : 963.1/35

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 82.543 $\pm$ 1.247 χ^2/NDF : 160.1/1
 Right: 106.031 $\pm$ 0.581 χ^2/NDF : 5553.5/33
 In: 101.160 $\pm$ 0.736 χ^2/NDF : 2980.9/16
 Out: 102.569 $\pm$ 0.753 χ^2/NDF : 3022.3/18
 All: 101.848 $\pm$ 0.526 χ^2/NDF : 6005.0/35

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: 10.818 $\pm$ 2.861 χ^2 /NDF:0.0/0

Left: 25.348 $\pm$ 1.551 χ^2 /NDF: 36.5/1

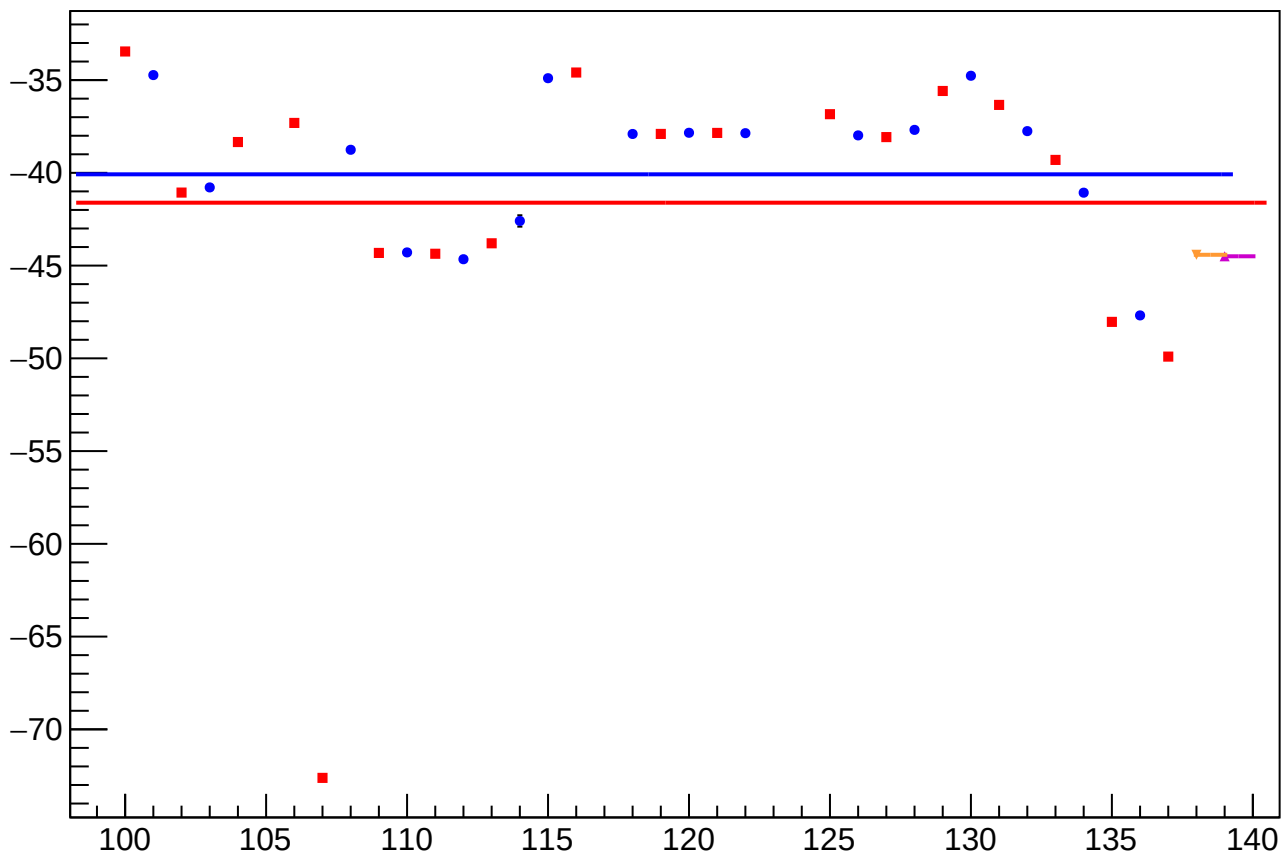
Right: 9.088 $\pm$ 0.359 χ^2 /NDF: 1288.6/33

In: 10.517 $\pm$ 0.485 χ^2 /NDF:581.5/16

Out: 9.261 $\pm$ 0.504 χ^2 /NDF:844.8/18

All: 9.913 $\pm$ 0.349 χ^2 /NDF: 1429.5/35

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080 ± 0.028 $\chi^2/\text{NDF}: 25123.9/15$

Left Out: -44.418 ± 0.069 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -41.609 ± 0.029 $\chi^2/\text{NDF}: 61784.6/17$

Left In: -44.498 ± 0.063 $\chi^2/\text{NDF}: 0.0/0$

Left: -44.461 ± 0.046 $\chi^2/\text{NDF}: 0.8/1$

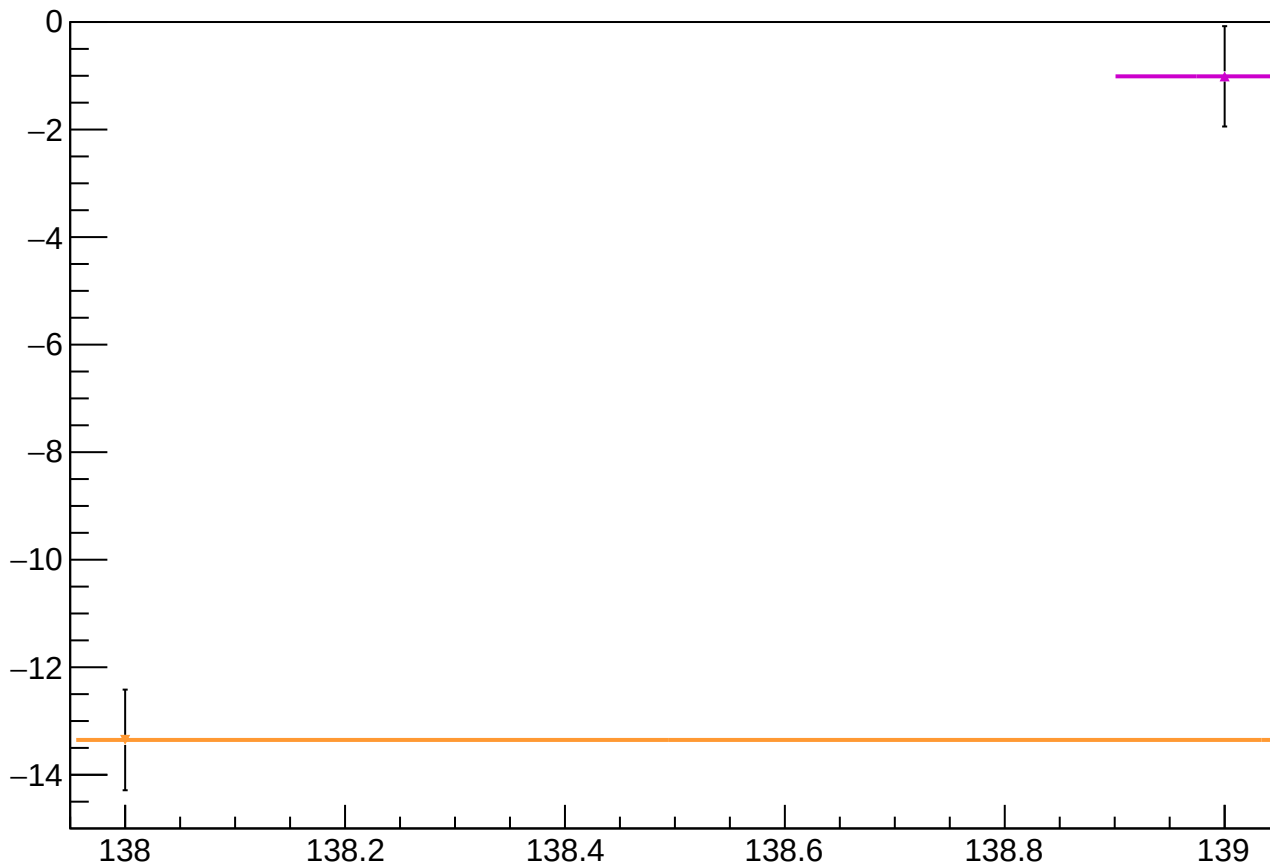
Right: -40.834 ± 0.020 $\chi^2/\text{NDF}: 88360.5/33$

In: -40.819 ± 0.026 $\chi^2/\text{NDF}: 29231.3/16$

Out: -42.024 ± 0.026 $\chi^2/\text{NDF}: 63209.7/18$

All: -41.406 ± 0.018 $\chi^2/\text{NDF}: 93510.3/35$

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.352 $\pm$ 0.936 χ^2 /NDF: 0.0/0

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

Left In: -1.010 $\pm$ 0.933 χ^2 /NDF: 0.0/0

Left: -7.163 $\pm$ 0.661 χ^2 /NDF: 87.2/1

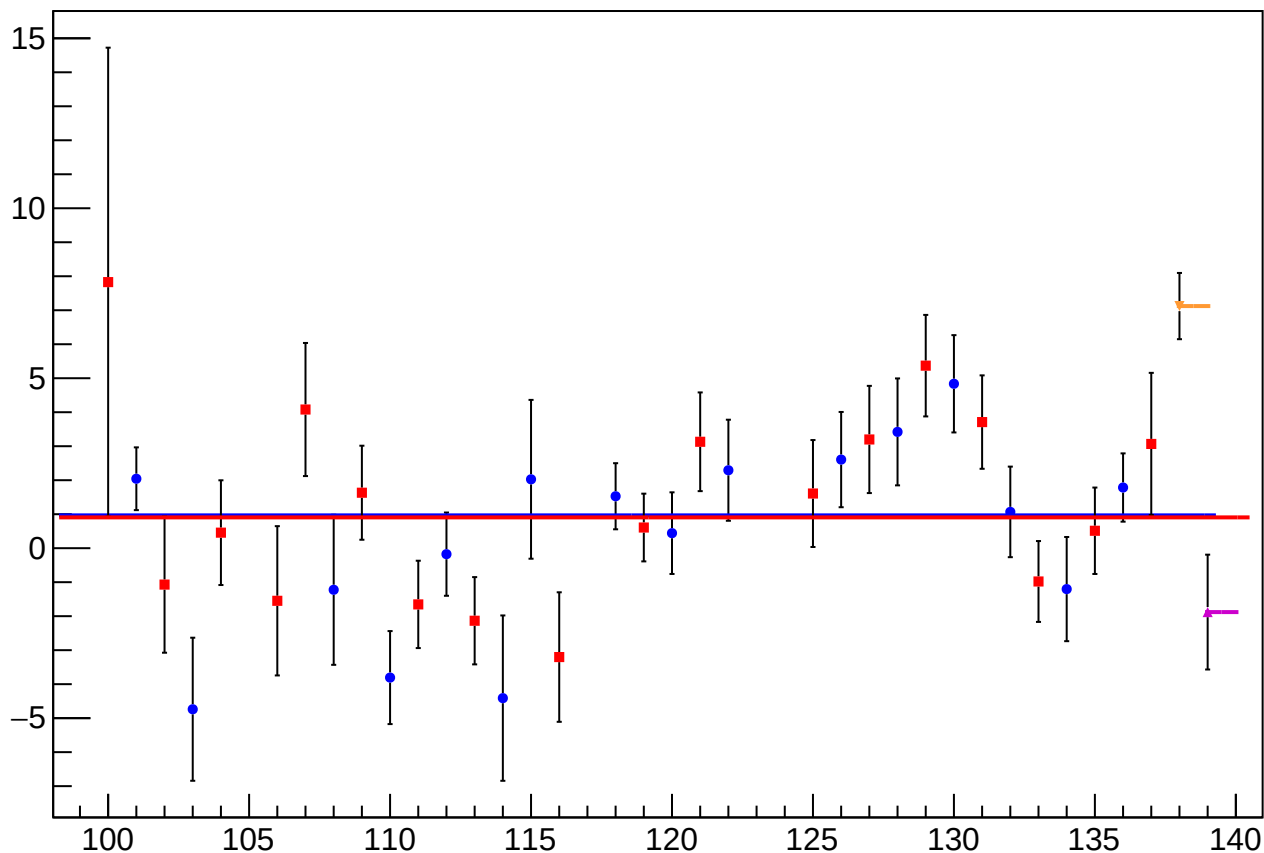
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.010 $\pm$ 0.933 χ^2 /NDF: 0.0/0

Out: -13.352 $\pm$ 0.936 χ^2 /NDF: 0.0/0

All: -7.163 $\pm$ 0.661 χ^2 /NDF: 87.2/1

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: -1.880 ± 1.689 χ^2/NDF : 0.0/0

Left: 4.874 ± 0.844 χ^2/NDF : 21.3/1

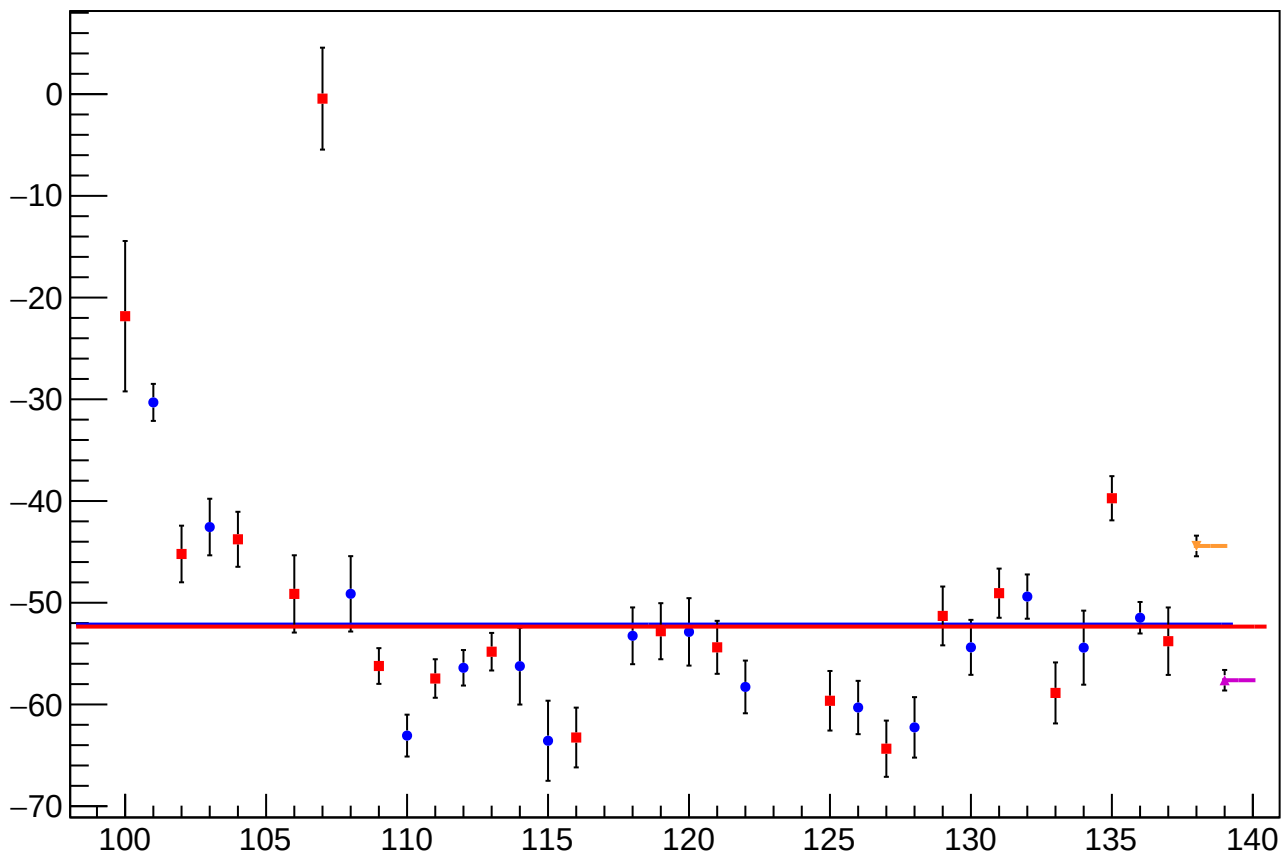
Right: 0.937 ± 0.244 χ^2/NDF : 84.9/33

In: 0.856 ± 0.332 χ^2/NDF : 45.7/16

Out: 1.630 ± 0.333 χ^2/NDF : 77.9/18

All: 1.242 ± 0.235 χ^2/NDF : 126.3/35

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148±/0.612 χ^2/NDF : 230.2/15

Left Out: -44.419±/1.015 χ^2/NDF : 0.0/0

Right Out: -52.346±/0.616 χ^2/NDF : 235.7/17

Left In: -57.619±/1.010 χ^2/NDF : 0.0/0

Left: -51.053±/0.716 χ^2/NDF : 85.0/1

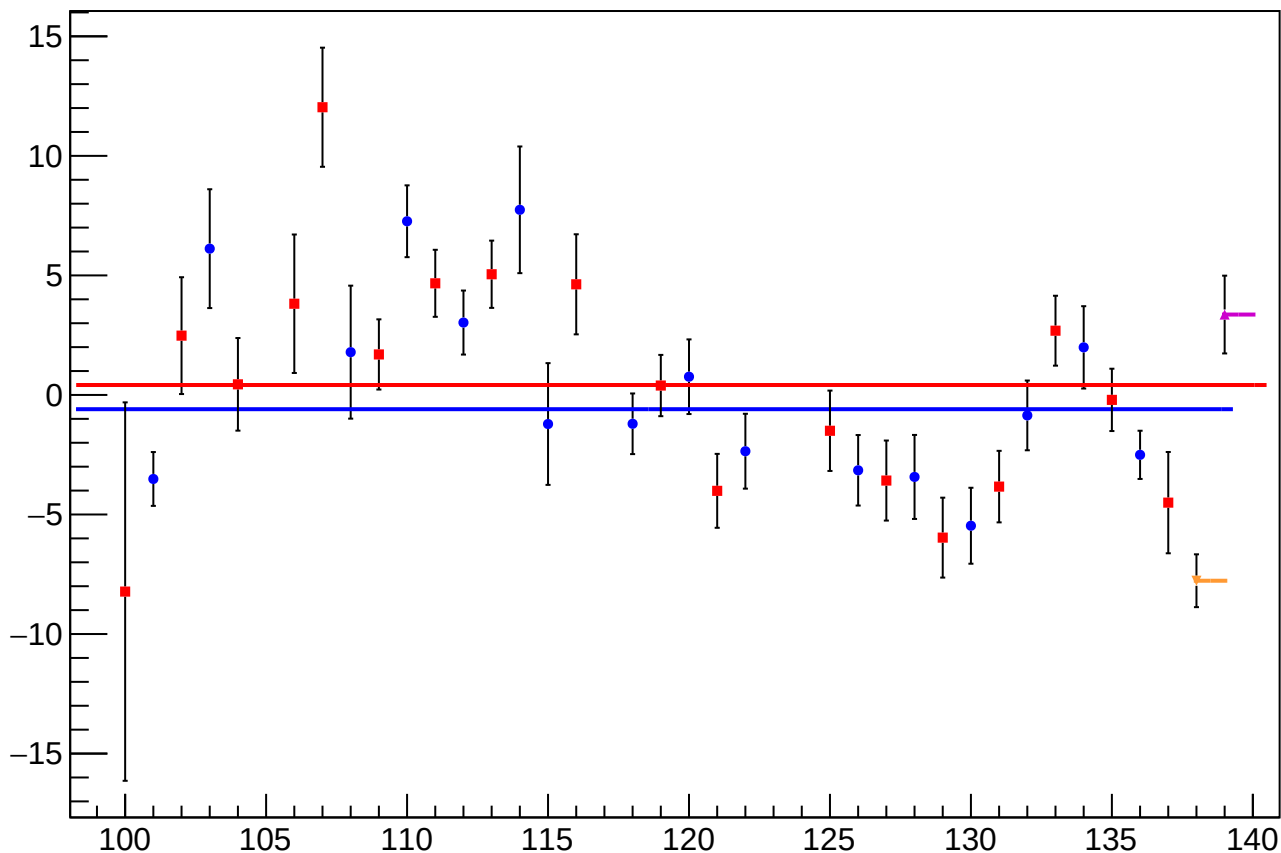
Right: -52.246±/0.434 χ^2/NDF : 466.0/33

In: -53.618±/0.523 χ^2/NDF : 251.7/16

Out: -50.213±/0.526 χ^2/NDF : 280.3/18

All: -51.926±/0.371 χ^2/NDF : 553.1/35

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: -7.771 ± 1.105 χ^2/NDF : 0.0/0

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

Left In: 3.363 ± 1.627 χ^2/NDF : 0.0/0

Left: -4.256 ± 0.914 χ^2/NDF : 32.1/1

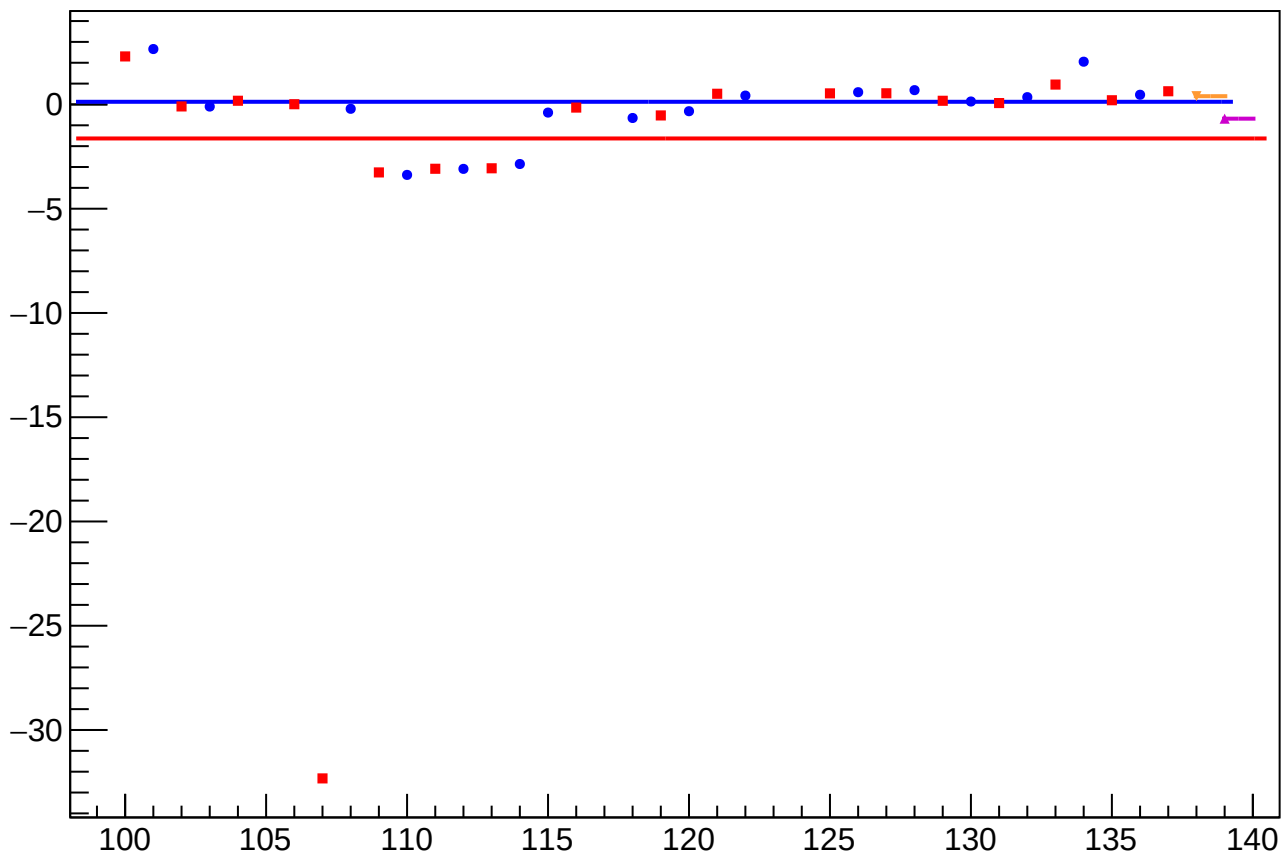
Right: -0.111 ± 0.277 χ^2/NDF : 181.7/33

In: -0.387 ± 0.374 χ^2/NDF : 88.2/16

Out: -0.532 ± 0.376 χ^2/NDF : 144.3/18

All: -0.459 ± 0.265 χ^2/NDF : 232.6/35

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128+/-0.021 χ^2/NDF : 5252.9/15

Left Out: 0.397+/-0.040 χ^2/NDF : 0.0/0

Right Out: -1.631+/-0.022 χ^2/NDF : 77878.6/17

Left In: -0.681+/-0.036 χ^2/NDF : 0.0/0

Left: -0.200+/-0.027 χ^2/NDF : 407.5/1

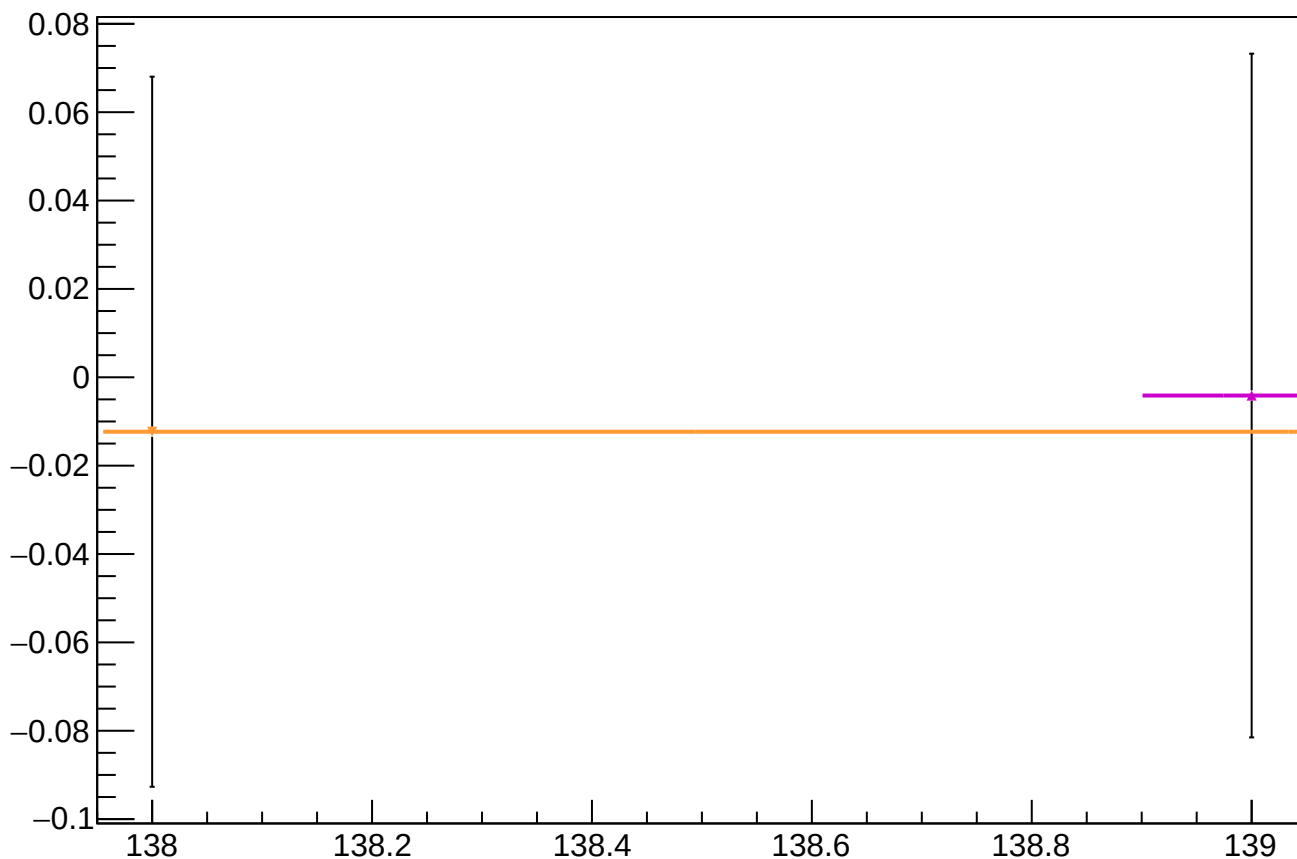
Right: -0.739+/-0.015 χ^2/NDF : 86433.1/33

In: -0.087+/-0.018 χ^2/NDF : 5630.2/16

Out: -1.162+/-0.019 χ^2/NDF : 79882.0/18

All: -0.605+/-0.013 χ^2/NDF : 87150.6/35

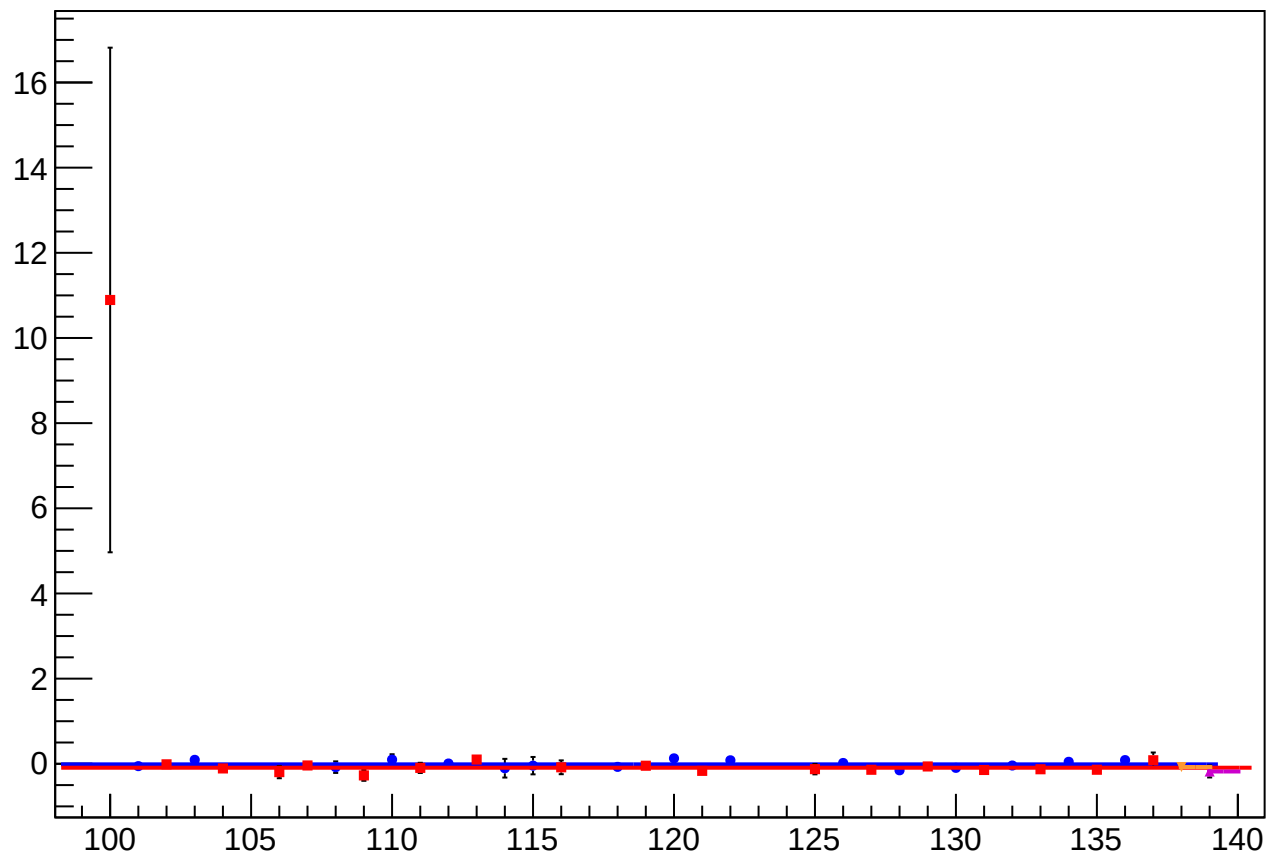
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.012 $\pm$ 0.080 χ^2 /NDF: 0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.004 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left: -0.008 $\pm$ 0.056 χ^2 /NDF: 0.0/1
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.004 $\pm$ 0.077 χ^2 /NDF: 0.0/0
 Out: -0.012 $\pm$ 0.080 χ^2 /NDF: 0.0/0
 All: -0.008 $\pm$ 0.056 χ^2 /NDF: 0.0/1

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: -0.181 ± 0.140 χ^2/NDF : 0.0/0

Left: -0.105 ± 0.073 χ^2/NDF : 0.4/1

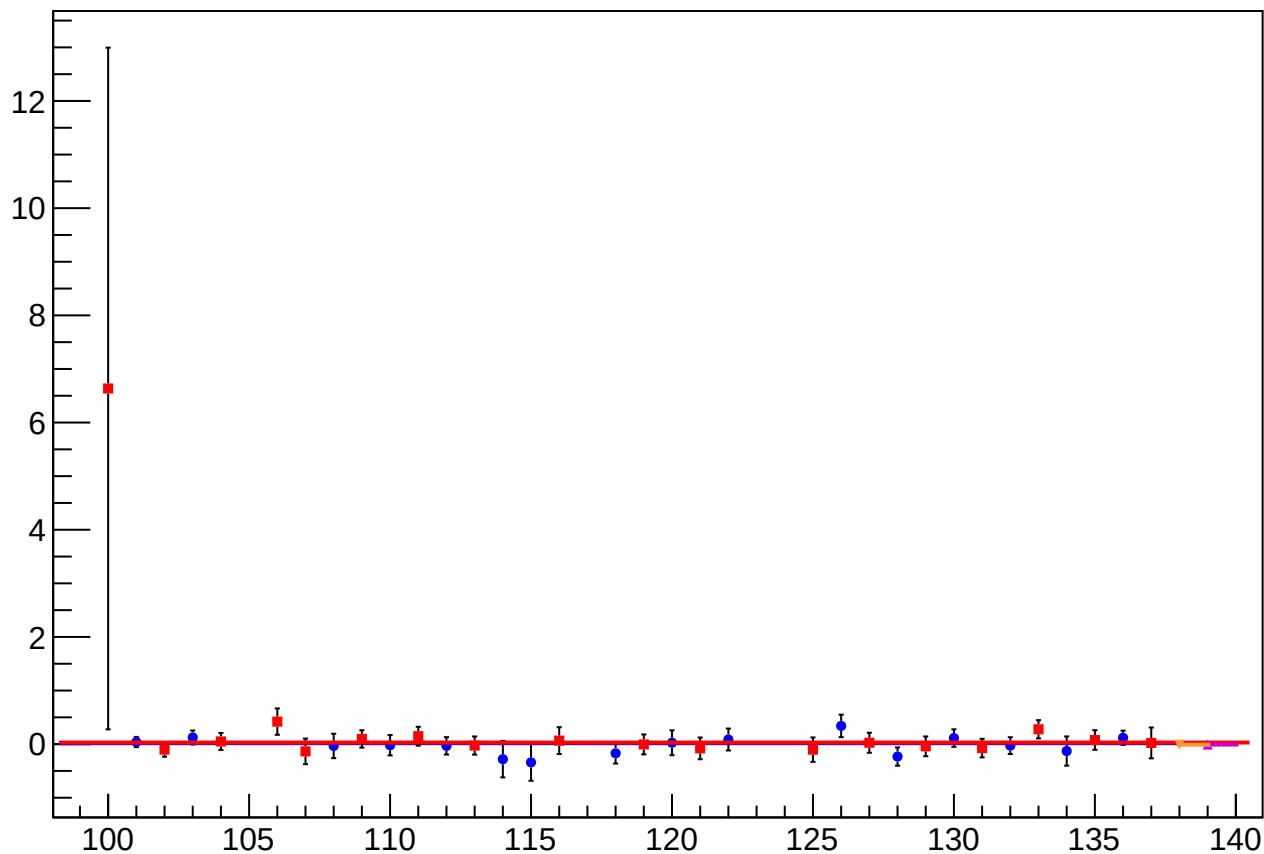
Right: -0.050 ± 0.017 χ^2/NDF : 30.3/33

In: -0.017 ± 0.023 χ^2/NDF : 13.6/16

Out: -0.091 ± 0.024 χ^2/NDF : 12.7/18

All: -0.053 ± 0.017 χ^2/NDF : 31.2/35

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: -0.010 $\pm$ 0.087 χ^2 /NDF:0.0/0

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

Left In: -0.008 $\pm$ 0.084 χ^2 /NDF:0.0/0

Left: -0.009 $\pm$ 0.060 χ^2 /NDF: 0.0/1

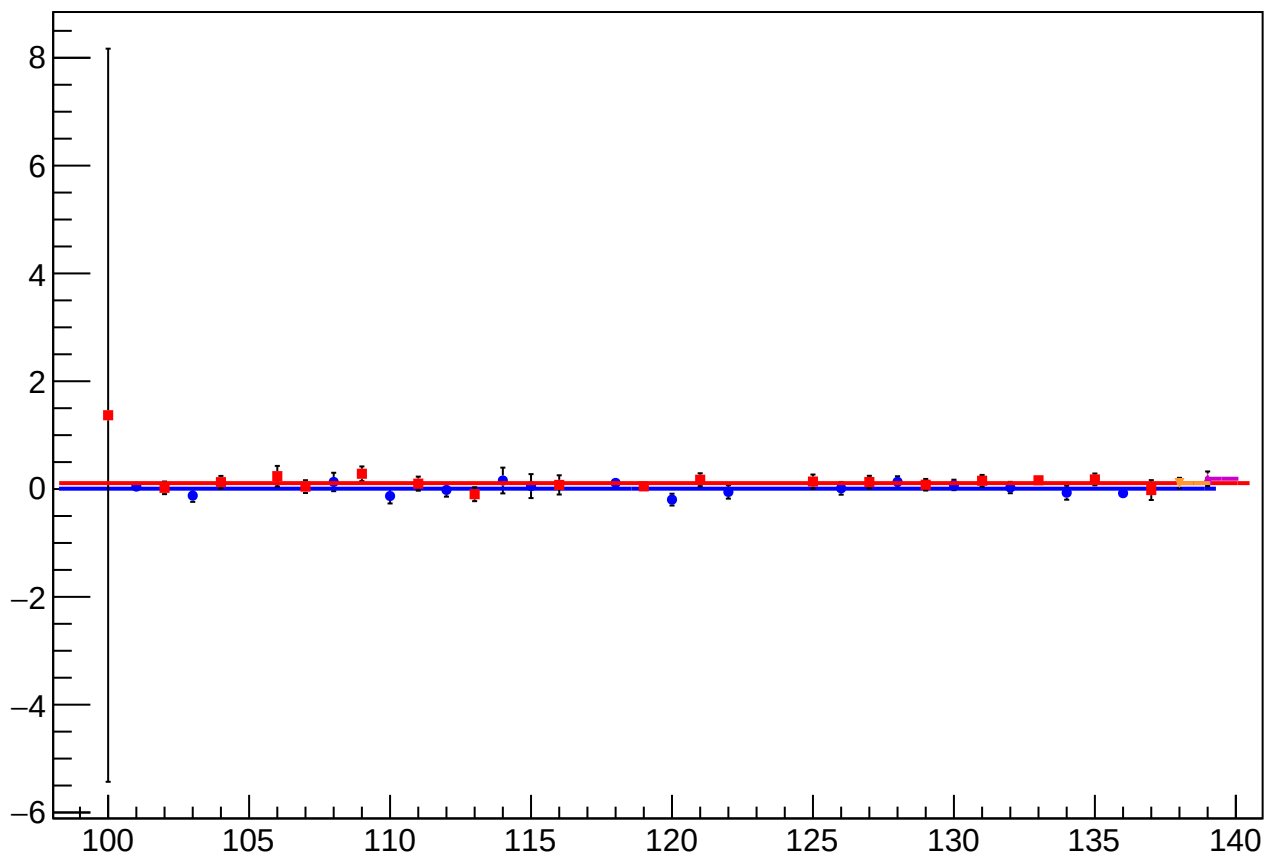
Right: 0.023 $\pm$ 0.031 χ^2 /NDF: 18.9/33

In: 0.012 $\pm$ 0.038 χ^2 /NDF:9.7/16

Out: 0.021 $\pm$ 0.040 χ^2 /NDF:9.4/18

All: 0.017 $\pm$ 0.028 χ^2 /NDF: 19.1/35

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.111 $\pm$ 0.097 χ^2 /NDF:0.0/0

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

Left In: 0.191 $\pm$ 0.135 χ^2 /NDF:0.0/0

Left: 0.138 $\pm$ 0.079 χ^2 /NDF: 0.2/1

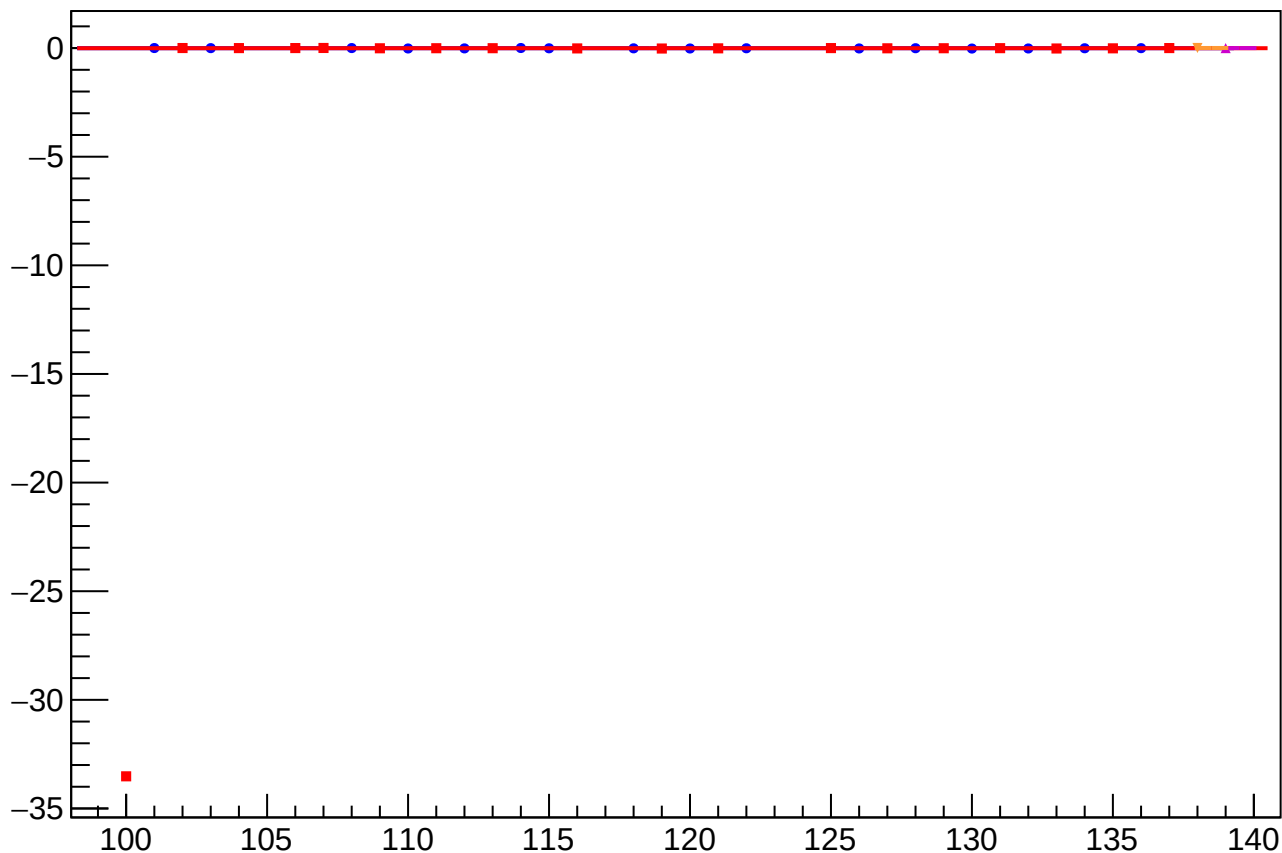
Right: 0.055 $\pm$ 0.020 χ^2 /NDF: 27.0/33

In: 0.014 $\pm$ 0.026 χ^2 /NDF:13.9/16

Out: 0.110 $\pm$ 0.027 χ^2 /NDF:8.0/18

All: 0.060 $\pm$ 0.019 χ^2 /NDF: 28.2/35

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.6/15

Left Out: 0.005 ± 0.003 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: -0.001 ± 0.003 χ^2/NDF : 0.0/0

Left: 0.002 ± 0.002 χ^2/NDF : 1.8/1

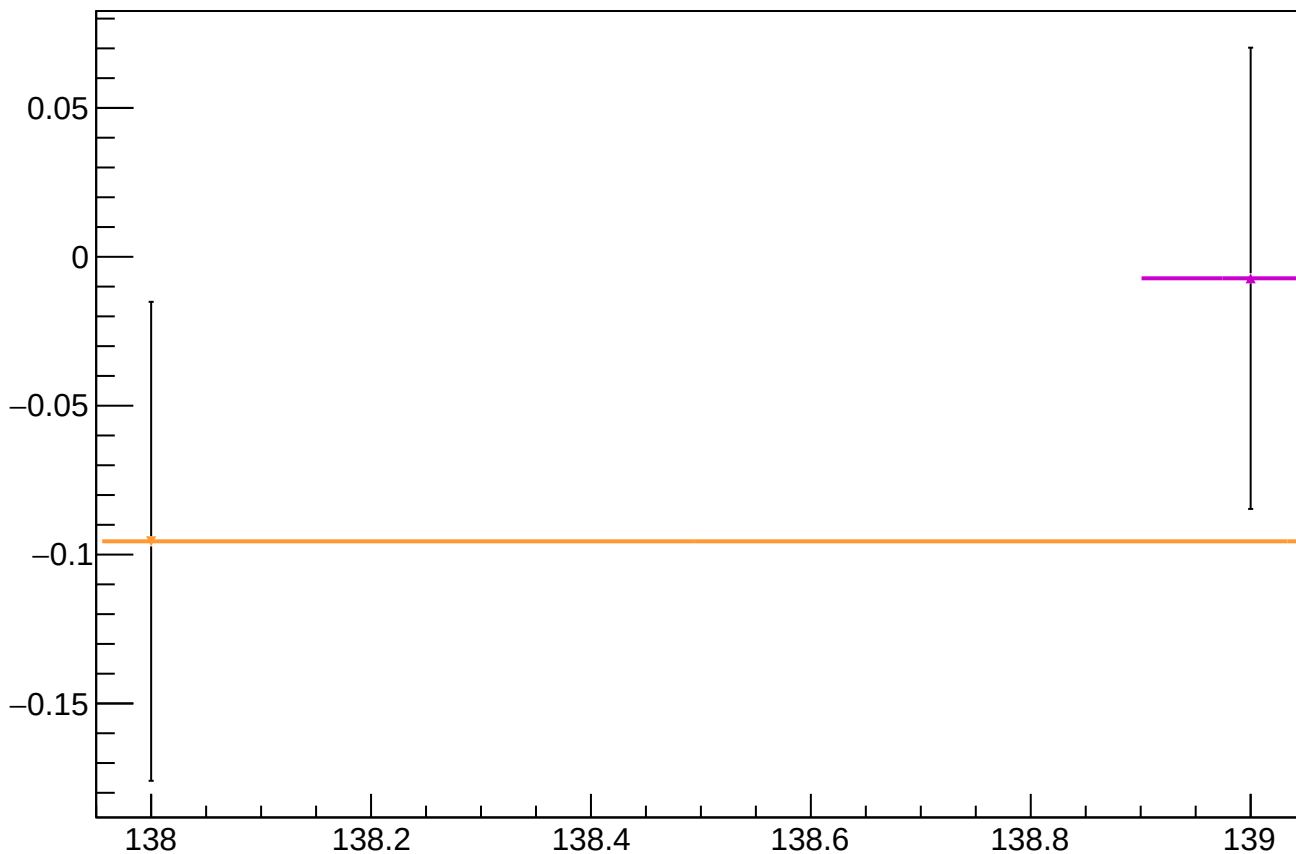
Right: -0.006 ± 0.001 χ^2/NDF : 26531.6/33

In: -0.005 ± 0.001 χ^2/NDF : 24.4/16

Out: -0.004 ± 0.001 χ^2/NDF : 26517.7/18

All: -0.004 ± 0.001 χ^2/NDF : 26542.1/35

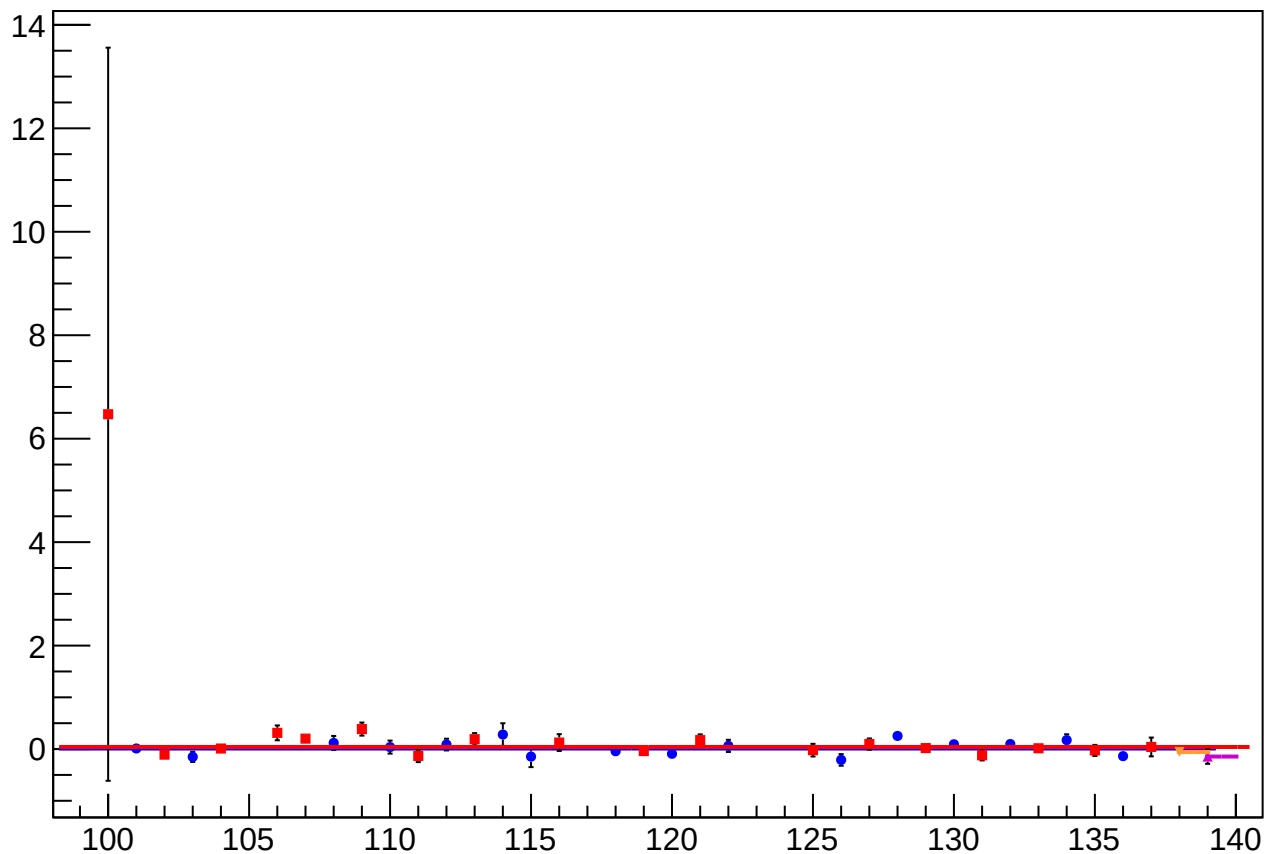
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.096 $\pm$ 0.080 χ^2/NDF : 0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -0.007 $\pm$ 0.077 χ^2/NDF : 0.0/0

Left: -0.050 $\pm$ 0.056 χ^2/NDF : 0.6/1
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -0.007 $\pm$ 0.077 χ^2/NDF : 0.0/0
 Out: -0.096 $\pm$ 0.080 χ^2/NDF : 0.0/0
 All: -0.050 $\pm$ 0.056 χ^2/NDF : 0.6/1

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: -0.145+/-0.140 χ^2/NDF : 0.0/0

Left: -0.081+/-0.074 χ^2/NDF : 0.3/1

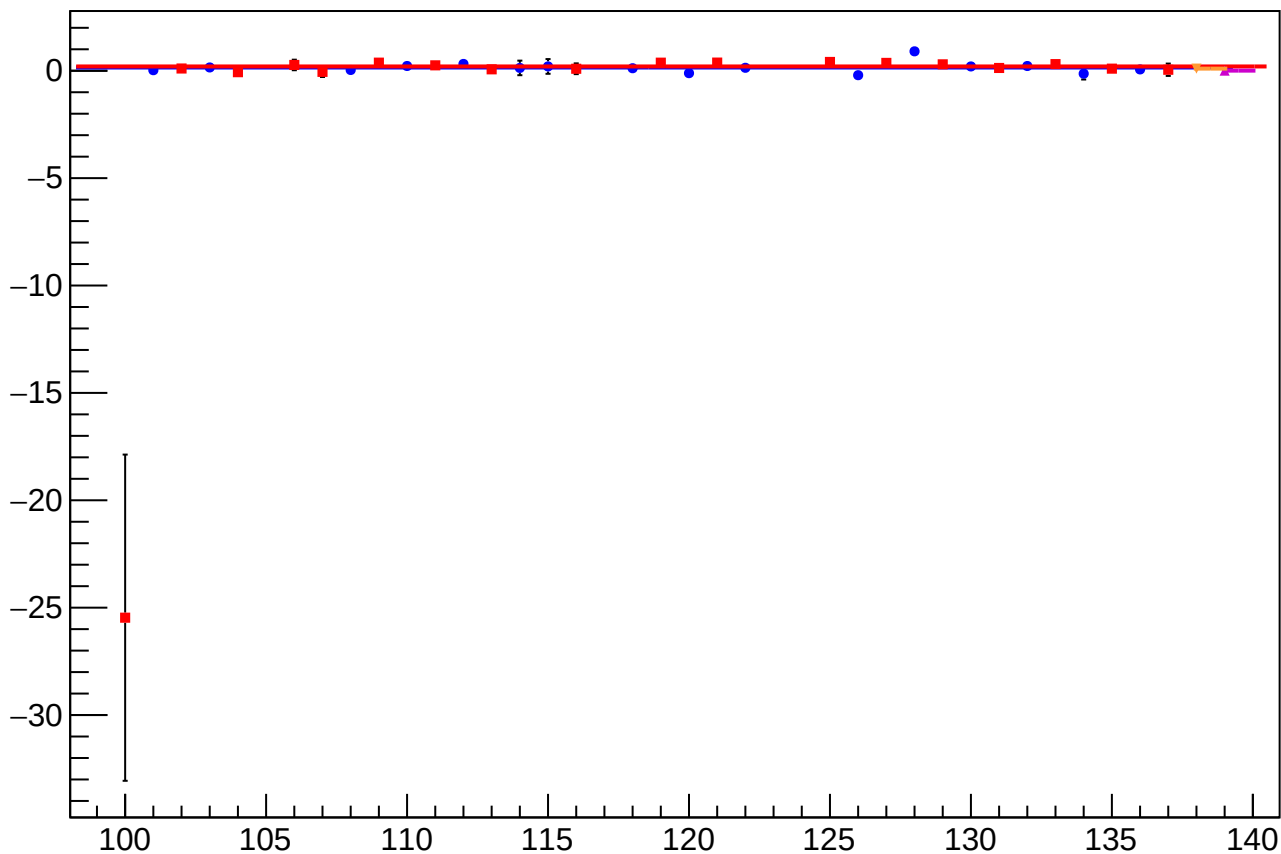
Right: 0.024+/-0.017 χ^2/NDF : 54.1/33

In: 0.006+/-0.023 χ^2/NDF : 26.6/16

Out: 0.033+/-0.024 χ^2/NDF : 29.1/18

All: 0.019+/-0.017 χ^2/NDF : 56.4/35

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: 0.006 $\pm$ 0.084 χ^2 /NDF:0.0/0

Left: 0.051 $\pm$ 0.060 χ^2 /NDF: 0.6/1

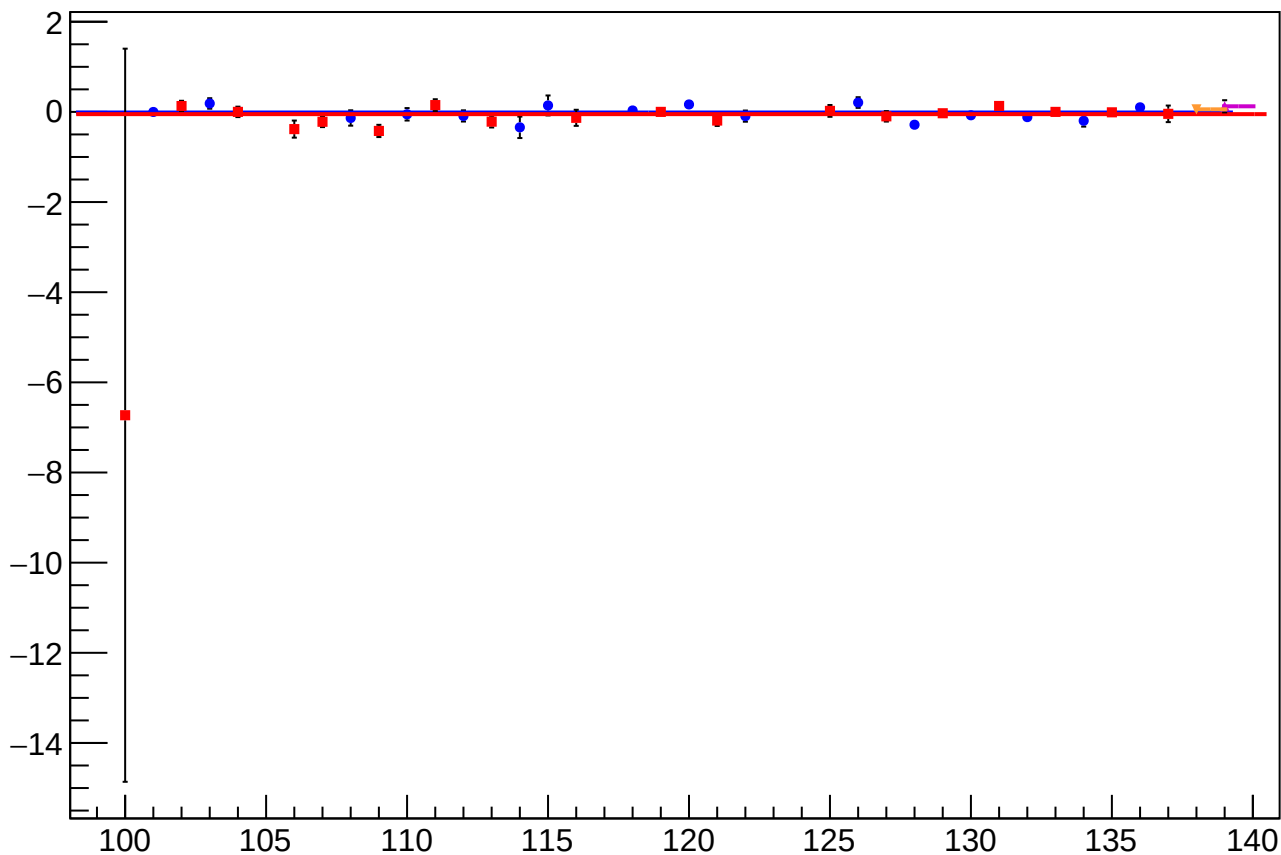
Right: 0.175 $\pm$ 0.031 χ^2 /NDF: 52.2/33

In: 0.122 $\pm$ 0.038 χ^2 /NDF:31.1/16

Out: 0.179 $\pm$ 0.040 χ^2 /NDF:23.9/18

All: 0.149 $\pm$ 0.028 χ^2 /NDF: 56.2/35

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.057 ± 0.097 χ^2/NDF : 0.0/0

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

Left In: 0.124 ± 0.135 χ^2/NDF : 0.0/0

Left: 0.080 ± 0.079 χ^2/NDF : 0.2/1

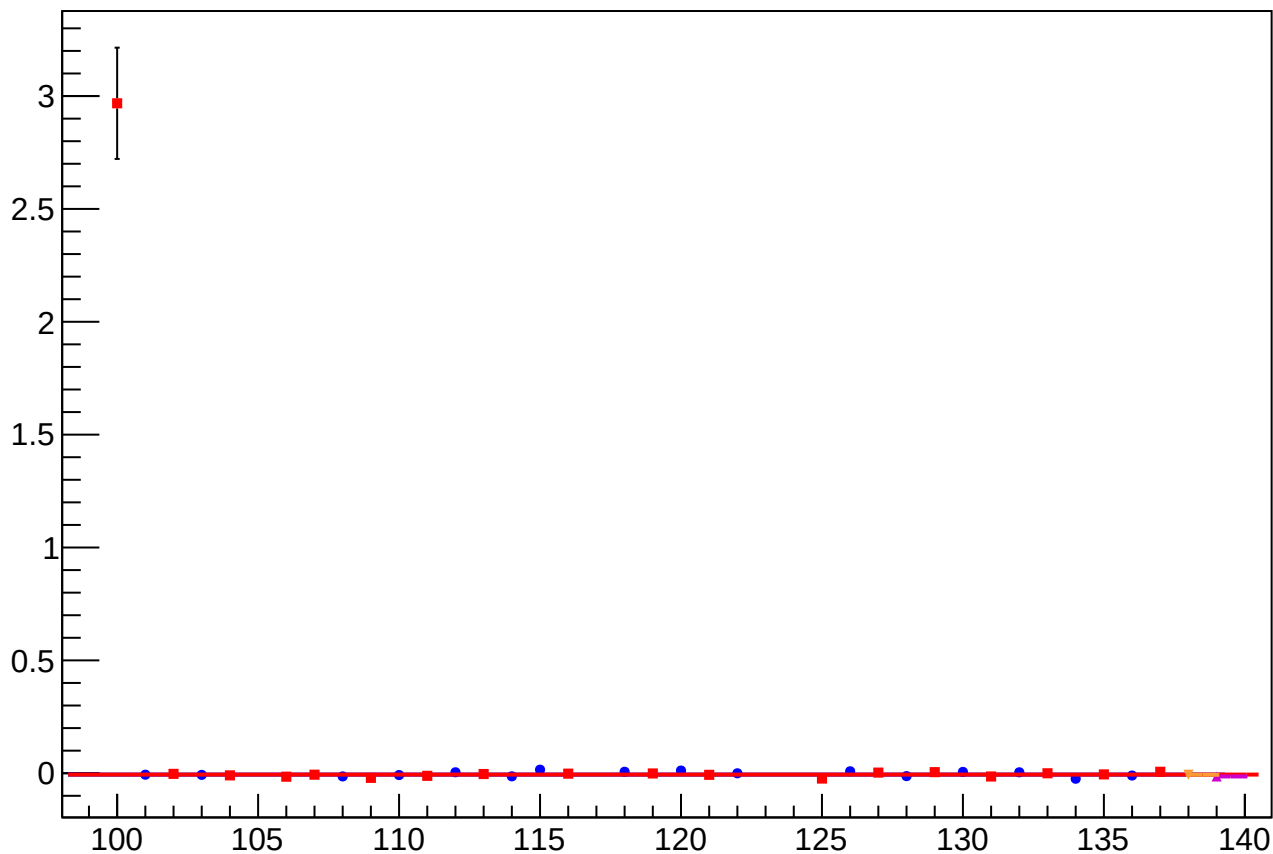
Right: -0.031 ± 0.020 χ^2/NDF : 51.8/33

In: -0.008 ± 0.026 χ^2/NDF : 26.2/16

Out: -0.041 ± 0.027 χ^2/NDF : 26.9/18

All: -0.024 ± 0.019 χ^2/NDF : 53.8/35

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: -0.014+/-0.003 χ^2/NDF : 0.0/0

Left: -0.011+/-0.002 χ^2/NDF : 2.9/1

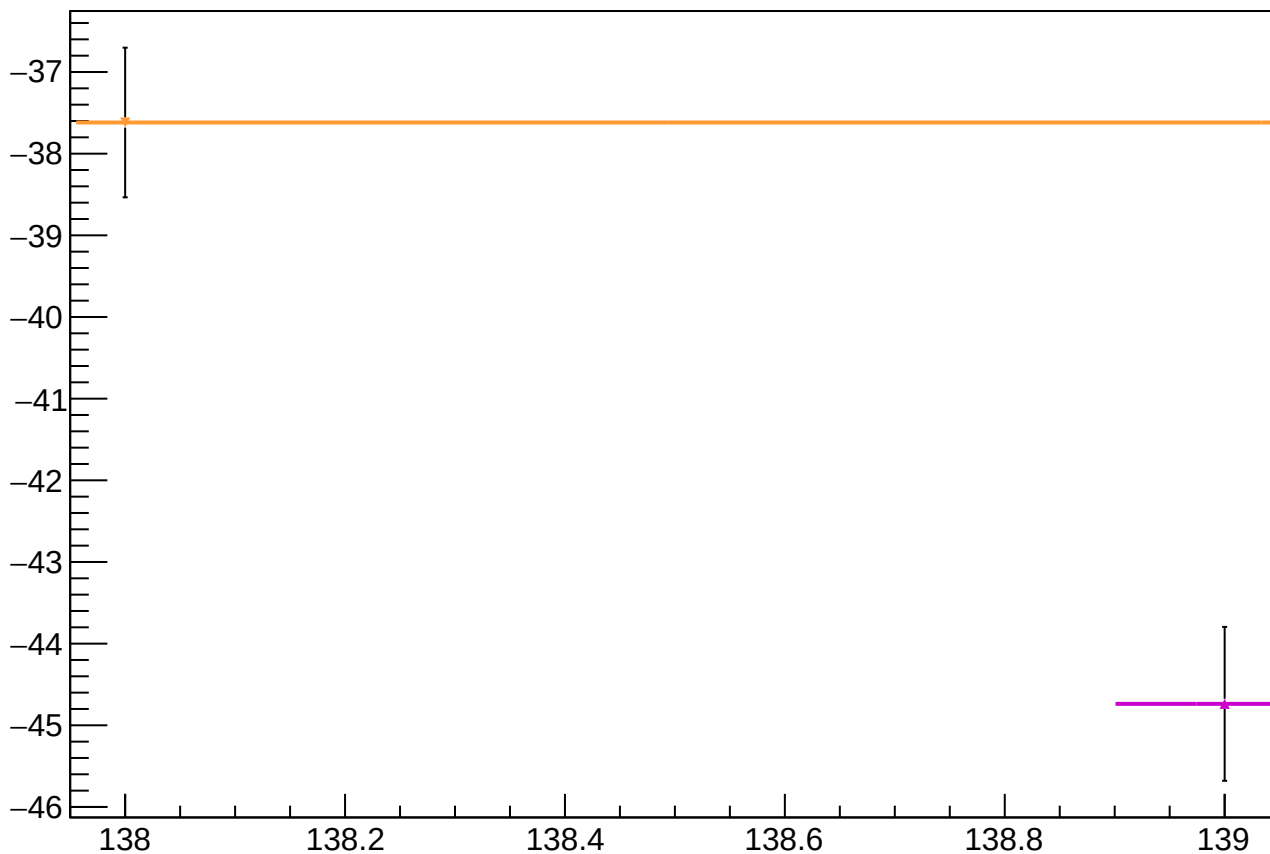
Right: -0.006+/-0.001 χ^2/NDF : 194.8/33

In: -0.008+/-0.001 χ^2/NDF : 35.3/16

Out: -0.006+/-0.001 χ^2/NDF : 165.9/18

All: -0.007+/-0.001 χ^2/NDF : 201.8/35

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: -44.737+/-0.942 χ^2/NDF : 0.0/0

Left: -41.079+/-0.657 χ^2/NDF : 29.3/1

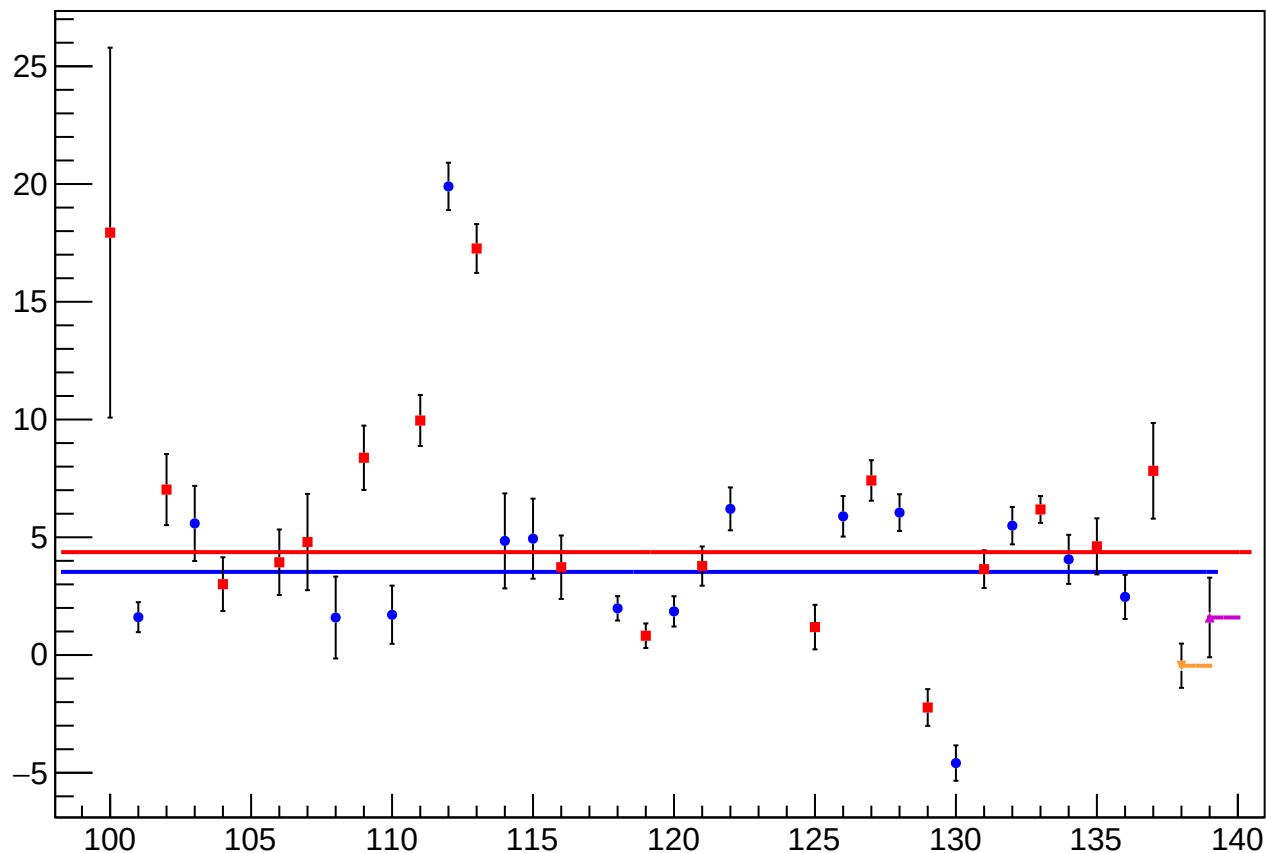
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.737+/-0.942 χ^2/NDF : 0.0/0

Out: -37.618+/-0.916 χ^2/NDF : 0.0/0

All: -41.079+/-0.657 χ^2/NDF : 29.3/1

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: 1.594 $\pm$ 1.690 χ^2 /NDF:0.0/0

Left: 0.029 $\pm$ 0.821 χ^2 /NDF: 1.1/1

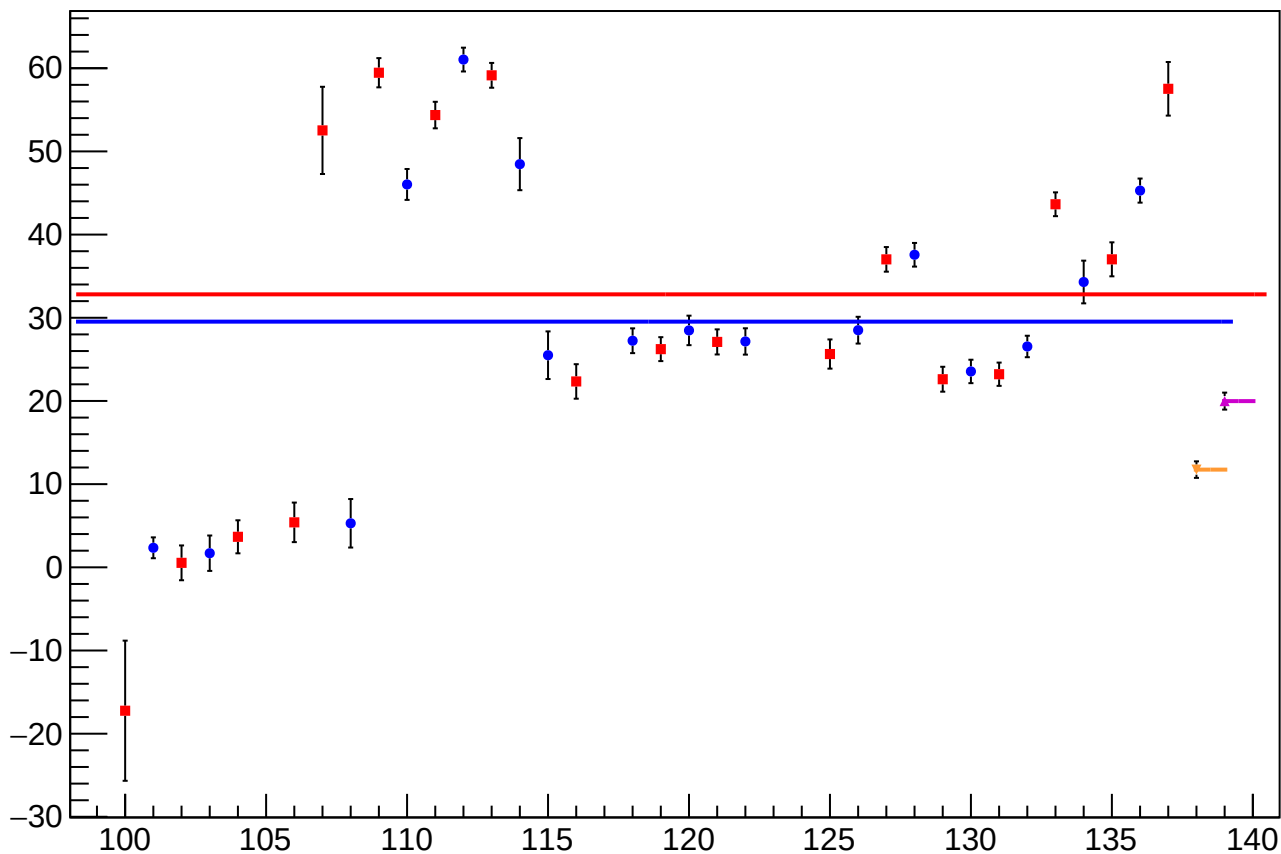
Right: 3.934 $\pm$ 0.156 χ^2 /NDF: 807.6/33

In: 3.498 $\pm$ 0.216 χ^2 /NDF:447.9/16

Out: 4.107 $\pm$ 0.219 χ^2 /NDF:378.8/18

All: 3.798 $\pm$ 0.154 χ^2 /NDF: 830.6/35

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: 19.981 $\pm$ 1.021 χ^2 /NDF:0.0/0

Left: 15.752 $\pm$ 0.712 χ^2 /NDF: 33.4/1

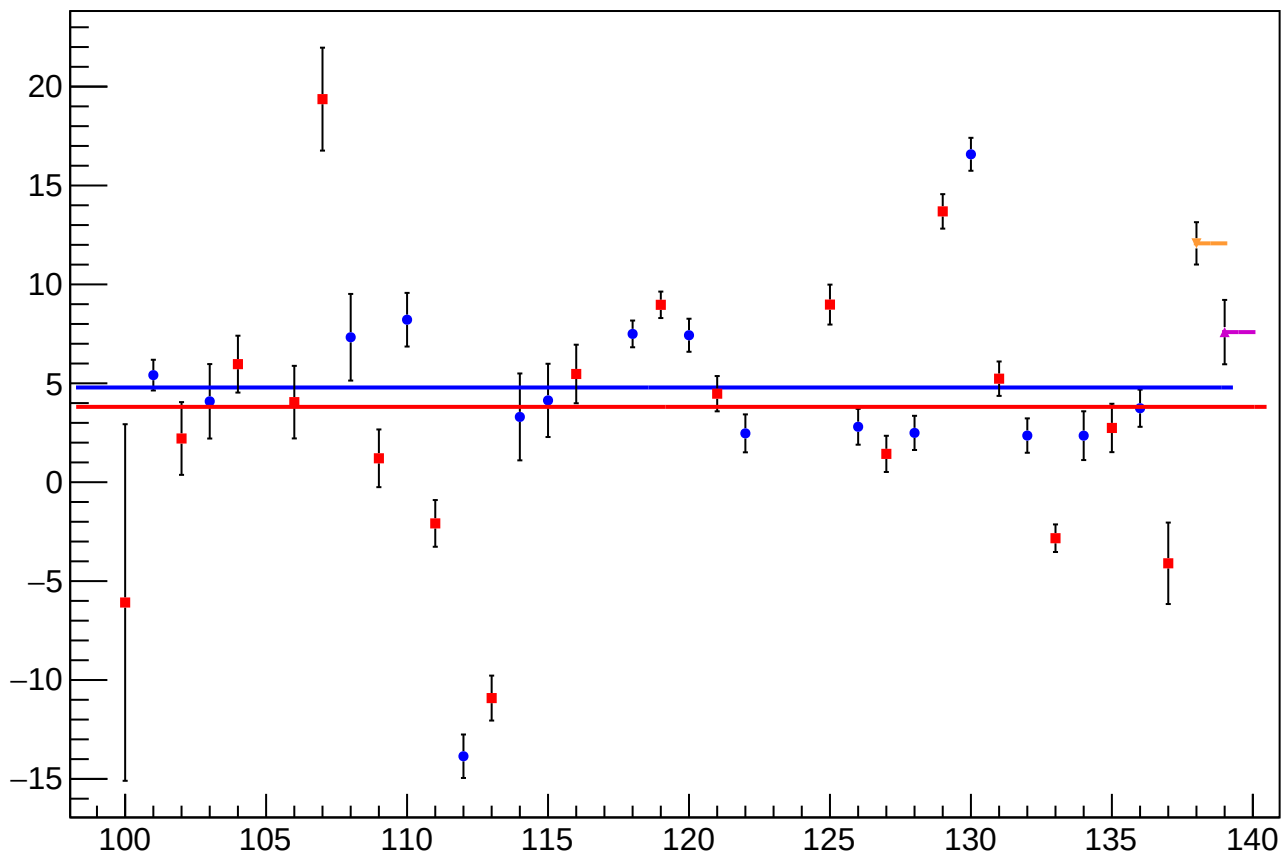
Right: 31.152 $\pm$ 0.297 χ^2 /NDF: 3184.7/33

In: 28.171 $\pm$ 0.386 χ^2 /NDF:1569.9/16

Out: 29.585 $\pm$ 0.389 χ^2 /NDF:2040.0/18

All: 28.872 $\pm$ 0.274 χ^2 /NDF: 3616.6/35

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: 7.588 $\pm$ 1.627 χ^2 /NDF:0.0/0

Left: 10.719 $\pm$ 0.894 χ^2 /NDF: 5.3/1

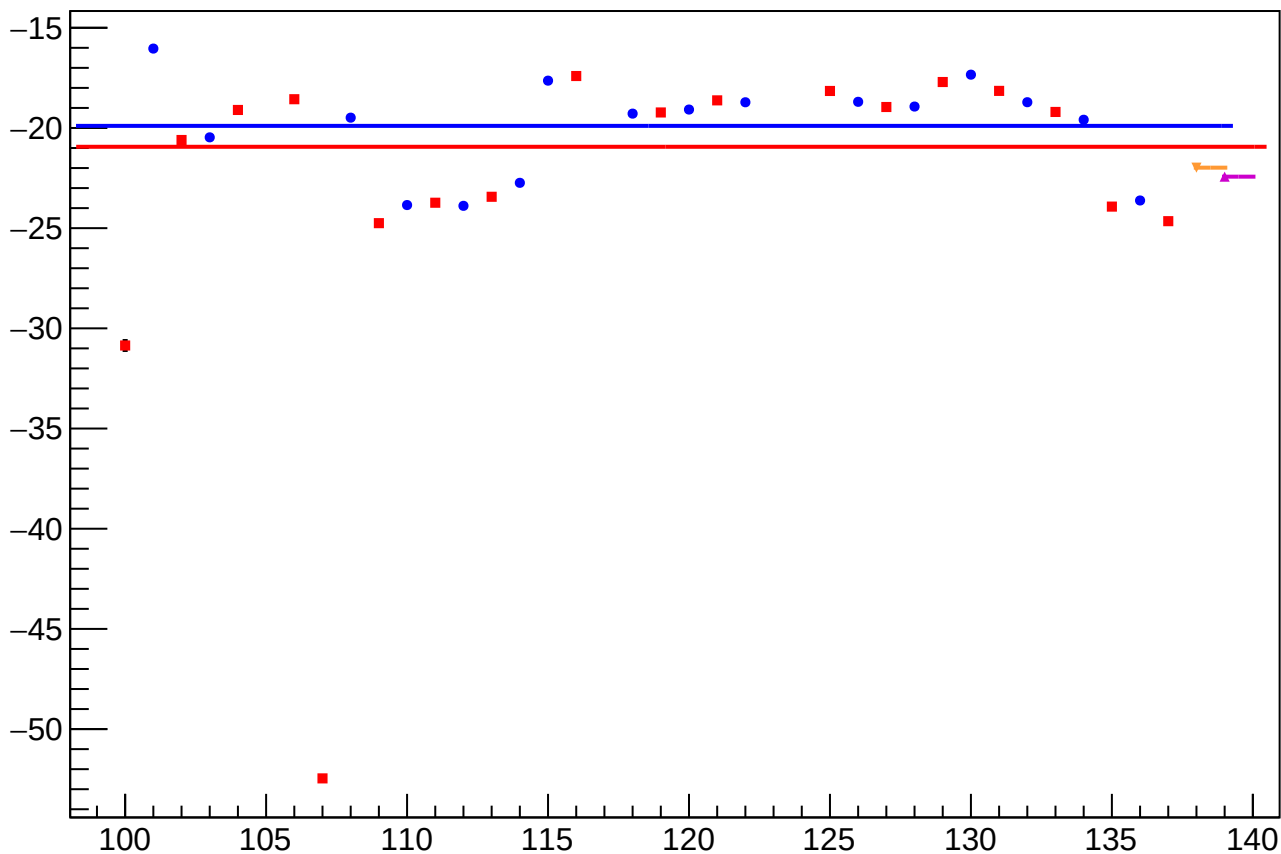
Right: 4.313 $\pm$ 0.180 χ^2 /NDF: 1128.9/33

In: 4.854 $\pm$ 0.248 χ^2 /NDF:556.8/16

Out: 4.266 $\pm$ 0.252 χ^2 /NDF:623.9/18

All: 4.564 $\pm$ 0.177 χ^2 /NDF: 1183.5/35

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: -22.430+/-0.036 χ^2/NDF : 0.0/0

Left: -22.225+/-0.026 χ^2/NDF : 71.9/1

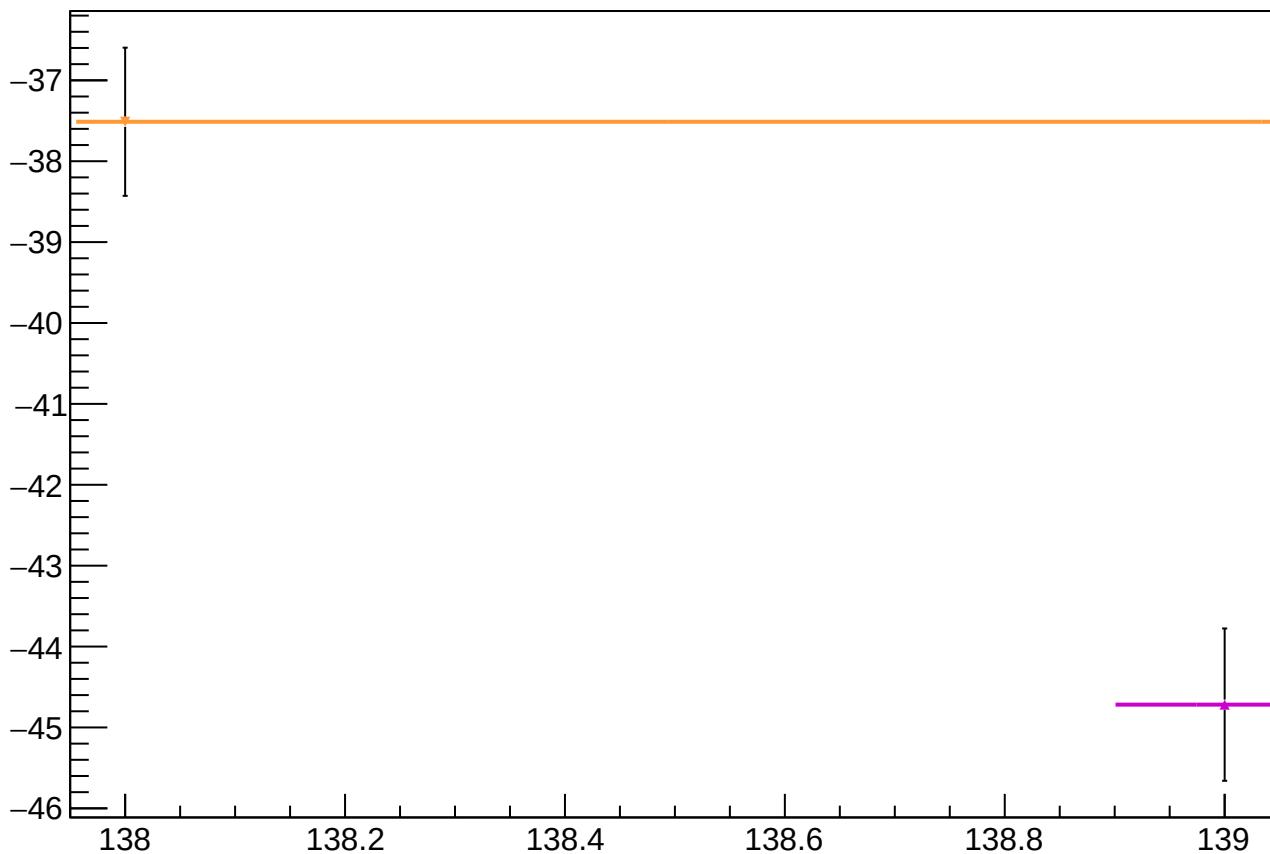
Right: -20.412+/-0.011 χ^2/NDF : 122364.1/33

In: -20.299+/-0.014 χ^2/NDF : 30295.8/16

Out: -21.083+/-0.015 χ^2/NDF : 94677.1/18

All: -20.683+/-0.010 χ^2/NDF : 126451.4/35

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: -44.718+/-0.942 χ^2/NDF : 0.0/0

Left: -41.016+/-0.657 χ^2/NDF : 30.1/1

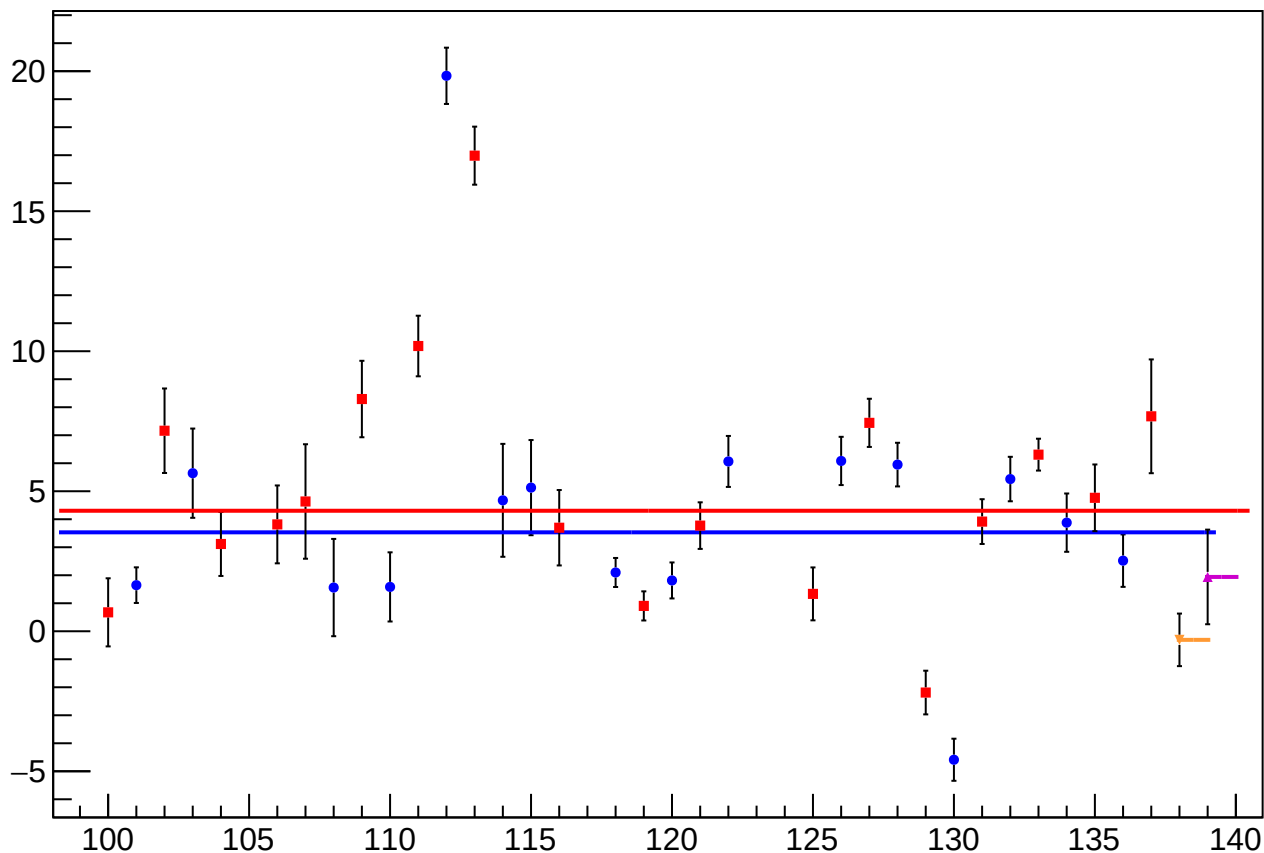
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.718+/-0.942 χ^2/NDF : 0.0/0

Out: -37.512+/-0.916 χ^2/NDF : 0.0/0

All: -41.016+/-0.657 χ^2/NDF : 30.1/1

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: -0.307 ± 0.939 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.940 ± 1.689 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.223 ± 0.820 $\chi^2/\text{NDF}: 1.4/1$

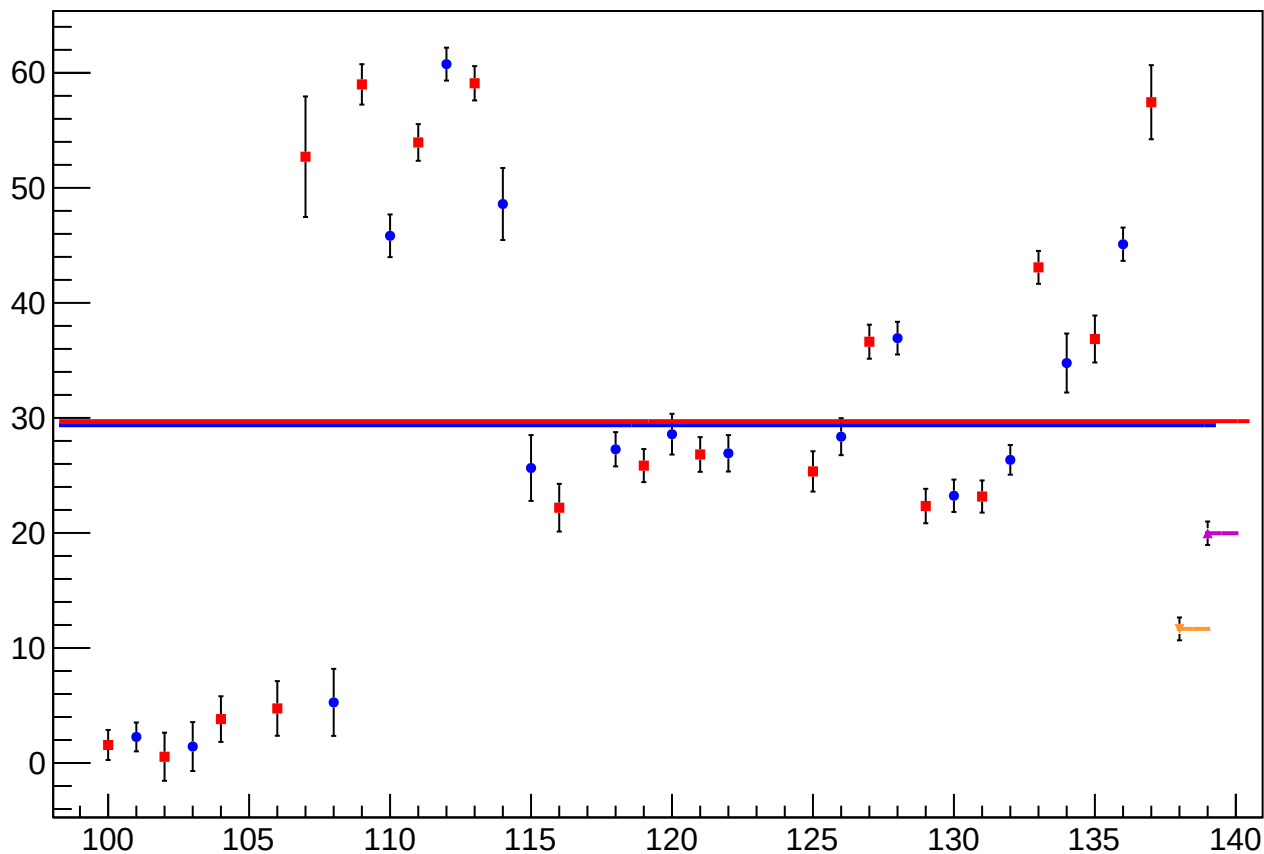
Right: 3.910 ± 0.155 $\chi^2/\text{NDF}: 802.2/33$

In: 3.507 ± 0.215 $\chi^2/\text{NDF}: 444.1/16$

Out: 4.060 ± 0.216 $\chi^2/\text{NDF}: 375.6/18$

All: 3.783 ± 0.152 $\chi^2/\text{NDF}: 823.1/35$

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: 19.976+/-1.020 χ^2/NDF : 0.0/0

Left: 15.705+/-0.712 χ^2/NDF : 34.1/1

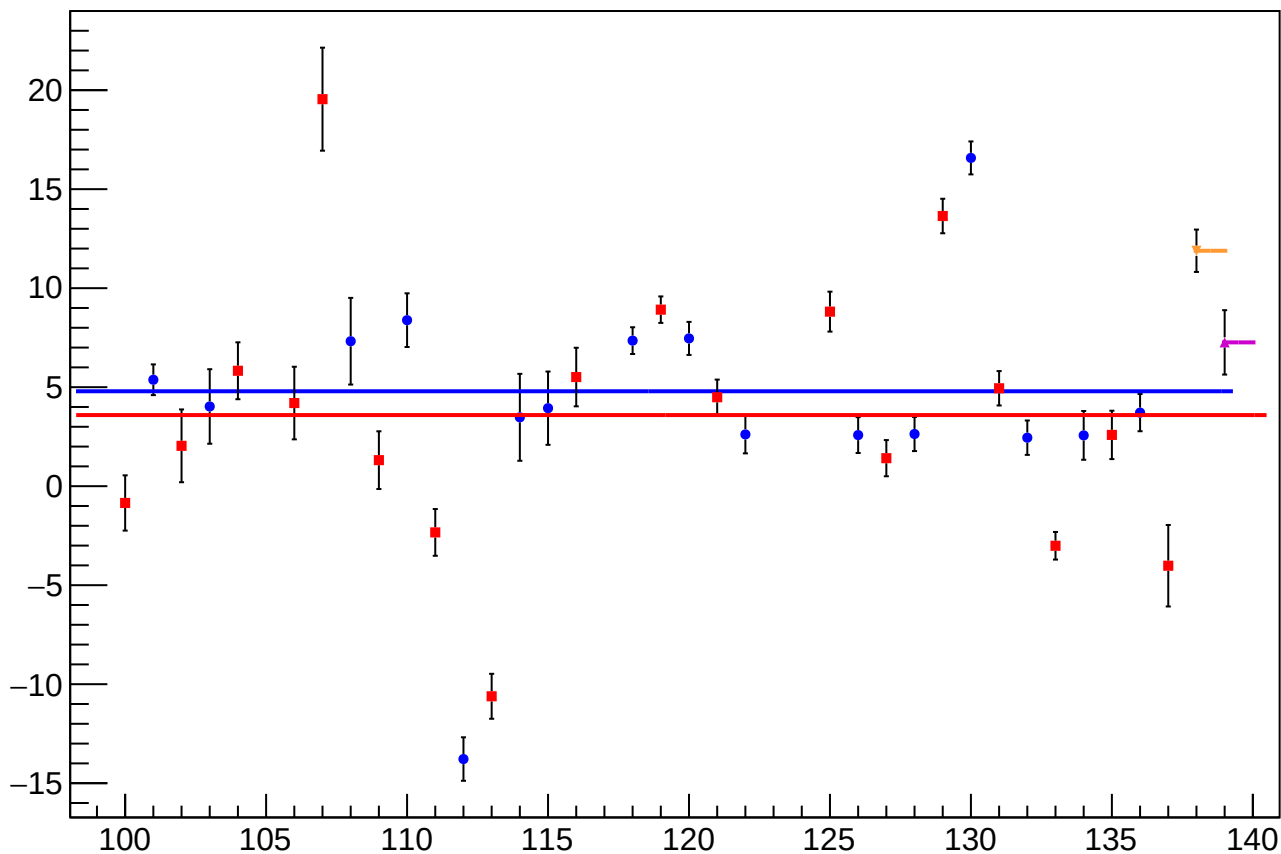
Right: 29.549+/-0.289 χ^2/NDF : 3618.6/33

In: 28.026+/-0.386 χ^2/NDF : 1561.3/16

Out: 27.171+/-0.373 χ^2/NDF : 2413.6/18

All: 27.584+/-0.268 χ^2/NDF : 3977.4/35

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: 7.262 $\pm$ 1.625 χ^2 /NDF:0.0/0

Left: 10.491 $\pm$ 0.894 χ^2 /NDF: 5.7/1

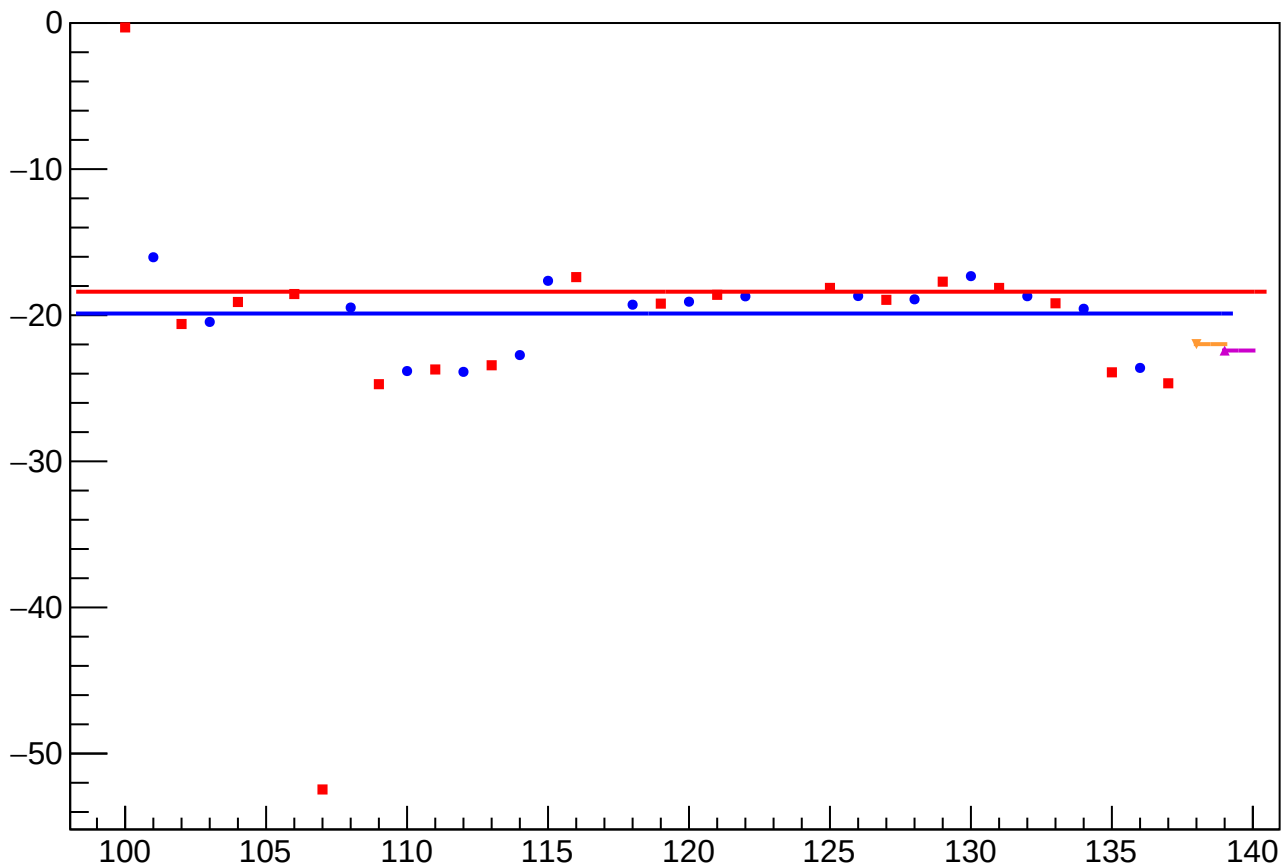
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1134.6/33

In: 4.851 $\pm$ 0.248 χ^2 /NDF:552.2/16

Out: 4.036 $\pm$ 0.248 χ^2 /NDF:630.3/18

All: 4.443 $\pm$ 0.175 χ^2 /NDF: 1187.9/35

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: -22.416 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Left: -22.217 $\pm$ 0.026 χ^2 /NDF: 68.0/1

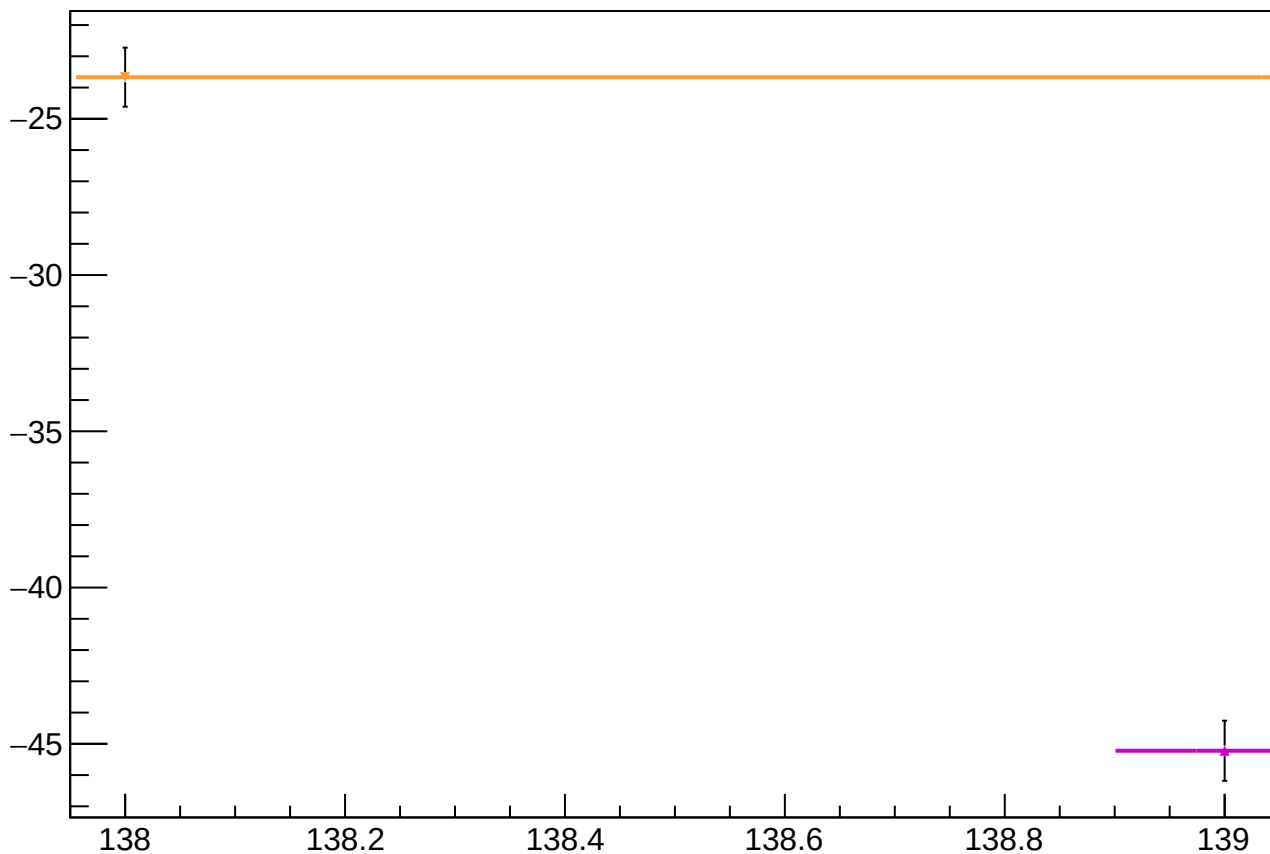
Right: -19.096 $\pm$ 0.011 χ^2 /NDF: 332167.8/33

In: -20.287 $\pm$ 0.014 χ^2 /NDF: 30283.5/16

Out: -18.837 $\pm$ 0.014 χ^2 /NDF: 308635.7/18

All: -19.537 $\pm$ 0.010 χ^2 /NDF: 344258.1/35

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: -45.222+/-0.962 χ^2/NDF : 0.0/0

Left: -34.247+/-0.674 χ^2/NDF : 255.7/1

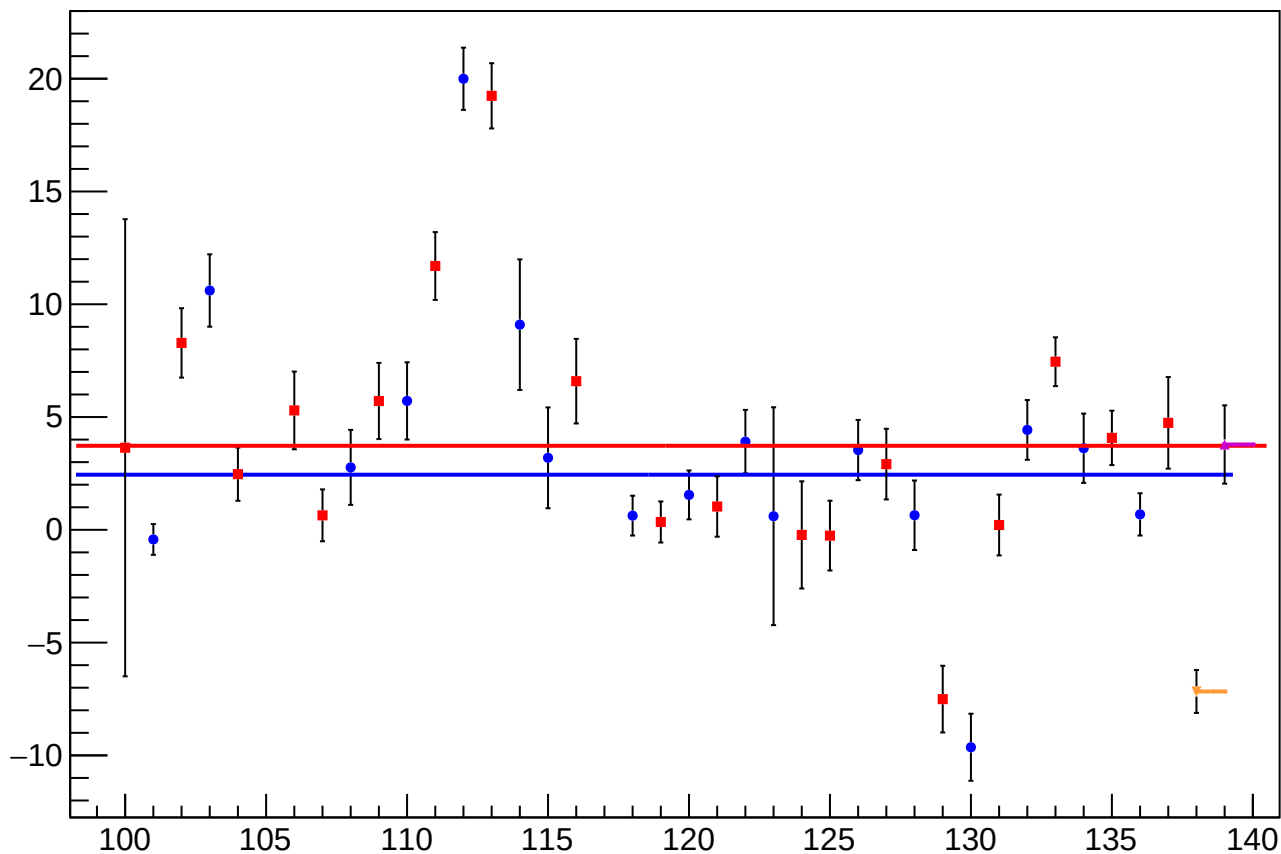
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.222+/-0.962 χ^2/NDF : 0.0/0

Out: -23.668+/-0.944 χ^2/NDF : 0.0/0

All: -34.247+/-0.674 χ^2/NDF : 255.7/1

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: -7.167 ± 0.950 χ^2/NDF : 0.0/0

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

Left In: 3.783 ± 1.736 χ^2/NDF : 0.0/0

Left: -4.642 ± 0.834 χ^2/NDF : 30.6/1

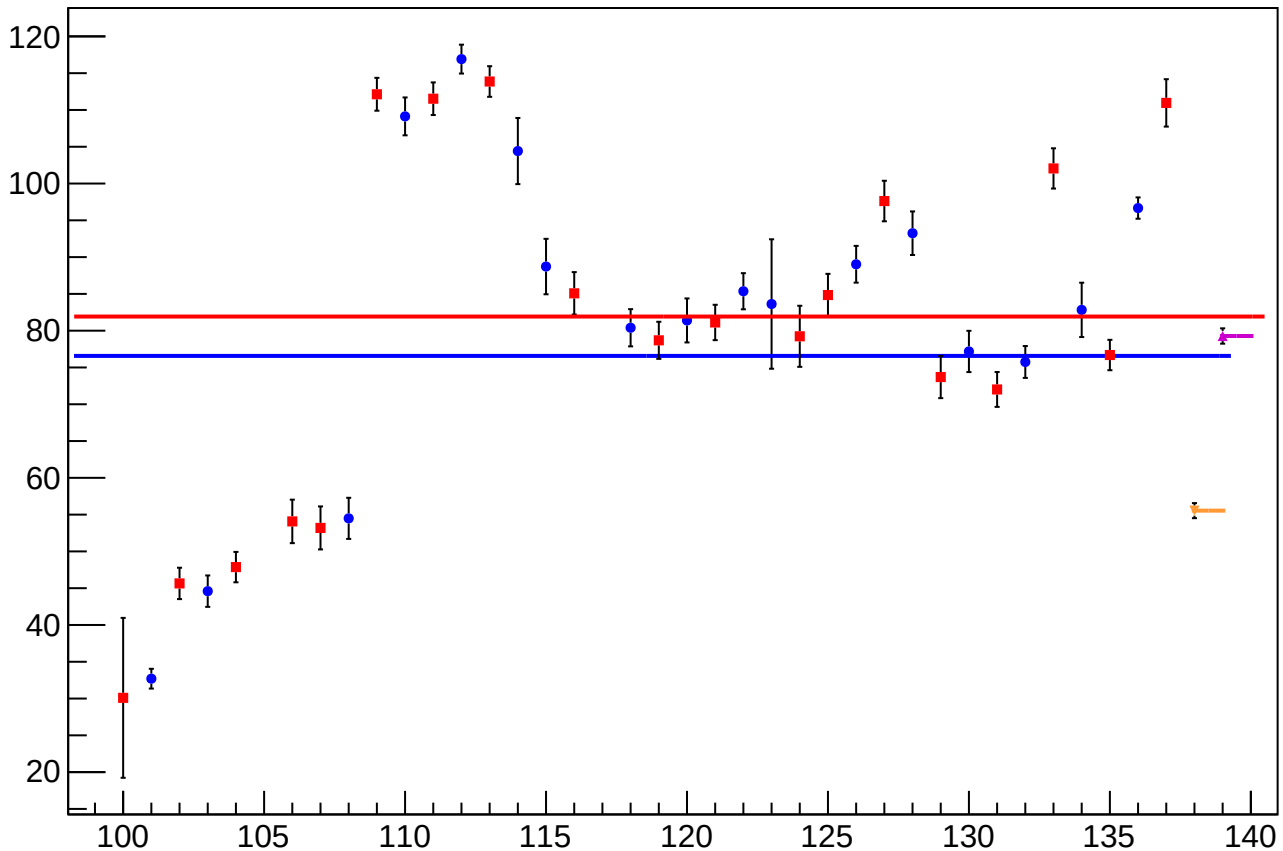
Right: 3.053 ± 0.225 χ^2/NDF : 572.5/35

In: 2.485 ± 0.306 χ^2/NDF : 295.9/17

Out: 2.574 ± 0.309 χ^2/NDF : 386.6/19

All: 2.529 ± 0.218 χ^2/NDF : 682.5/37

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: 79.277 $\pm$ 1.041 χ^2 /NDF:0.0/0

Left: 67.211 $\pm$ 0.730 χ^2 /NDF: 264.2/1

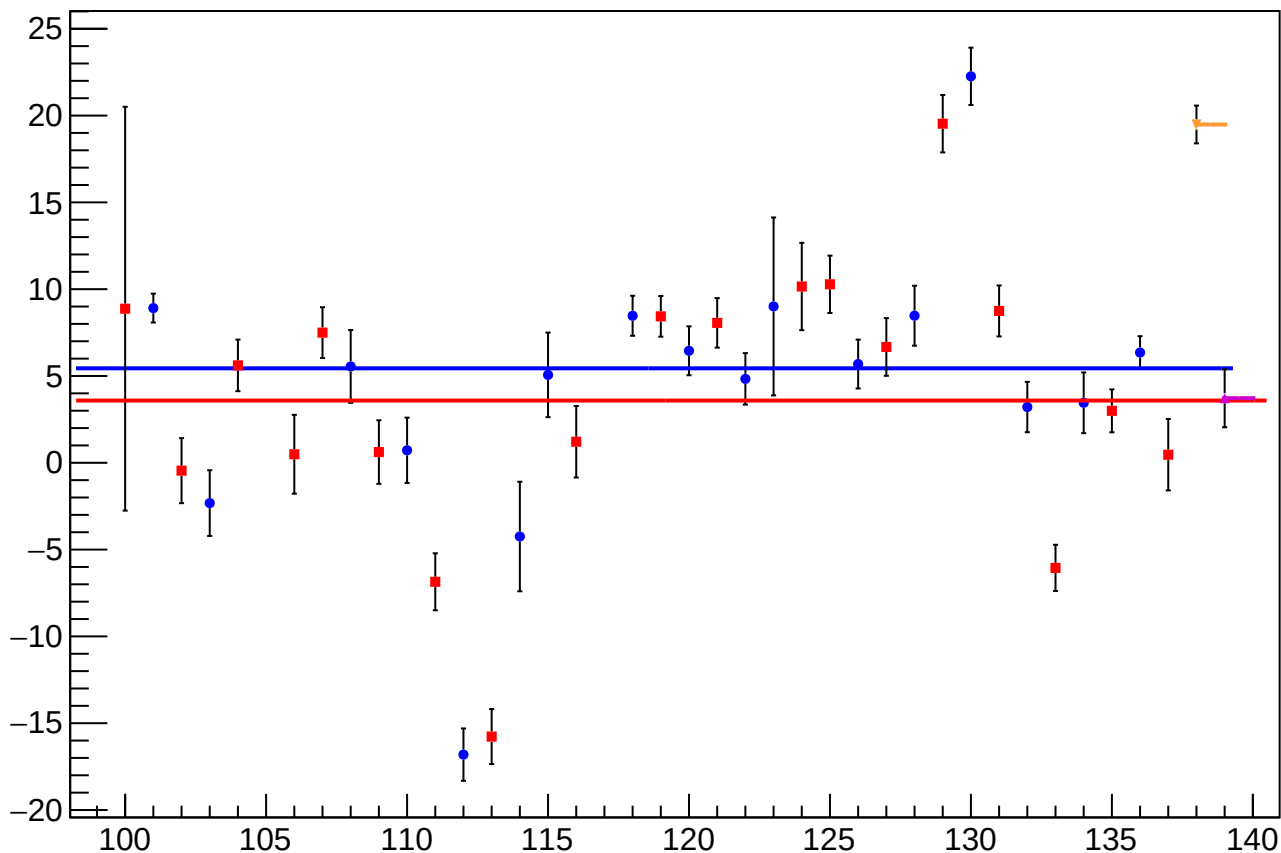
Right: 79.162 $\pm$ 0.412 χ^2 /NDF: 3866.3/35

In: 77.202 $\pm$ 0.502 χ^2 /NDF:2258.8/17

Out: 75.314 $\pm$ 0.512 χ^2 /NDF:2068.2/19

All: 76.277 $\pm$ 0.359 χ^2 /NDF: 4333.9/37

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 $\pm$ 0.357 χ^2 /NDF: 387.5/16

Left Out: 19.486 $\pm$ 1.088 χ^2 /NDF:0.0/0

Right Out: 3.585 $\pm$ 0.375 χ^2 /NDF: 423.2/18

Left In: 3.720 $\pm$ 1.672 χ^2 /NDF:0.0/0

Left: 14.795 $\pm$ 0.912 χ^2 /NDF: 62.5/1

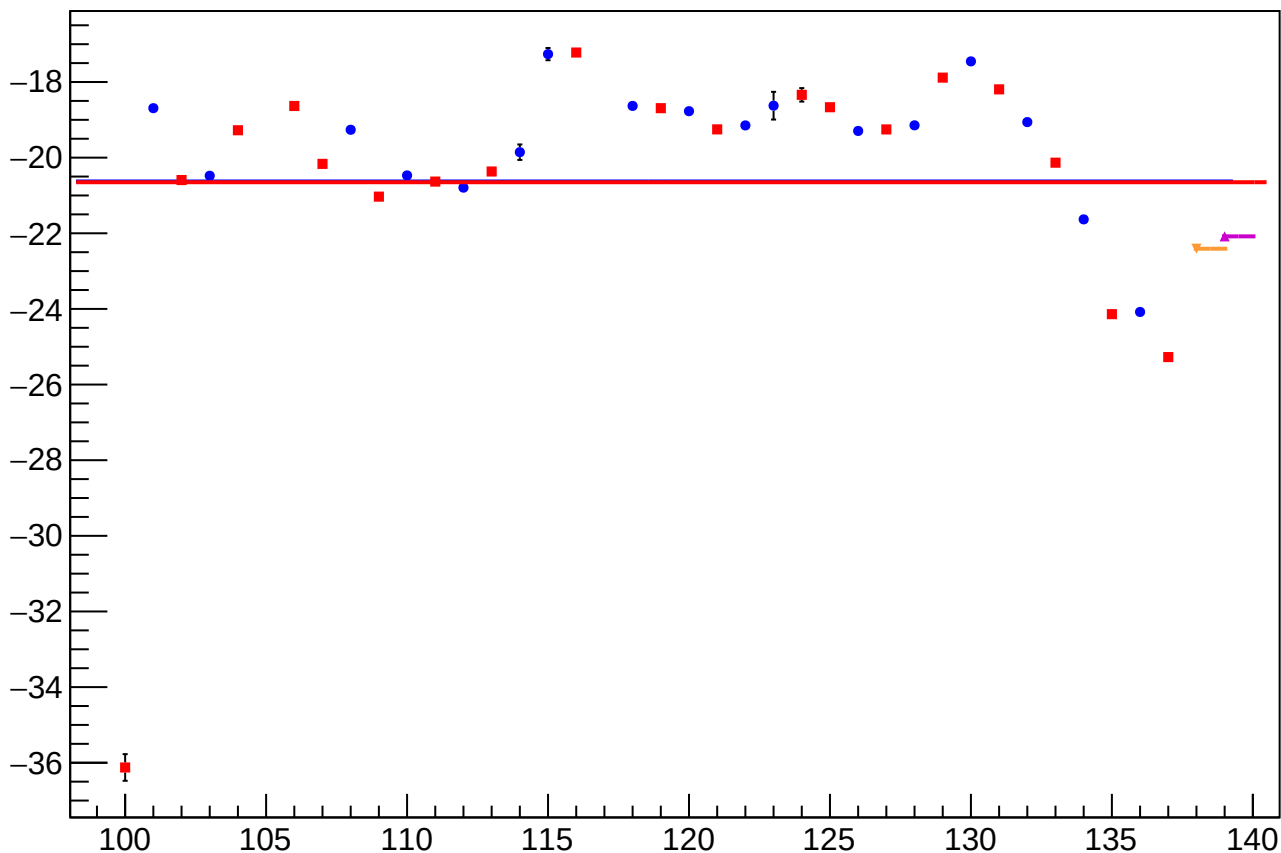
Right: 4.559 $\pm$ 0.259 χ^2 /NDF: 823.5/35

In: 5.367 $\pm$ 0.349 χ^2 /NDF:388.5/17

Out: 5.276 $\pm$ 0.355 χ^2 /NDF:614.1/19

All: 5.322 $\pm$ 0.249 χ^2 /NDF: 1002.6/37

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: -22.081 $\pm$ 0.037 χ^2 /NDF: 0.0/0

Left: -22.229 $\pm$ 0.027 χ^2 /NDF: 35.7/1

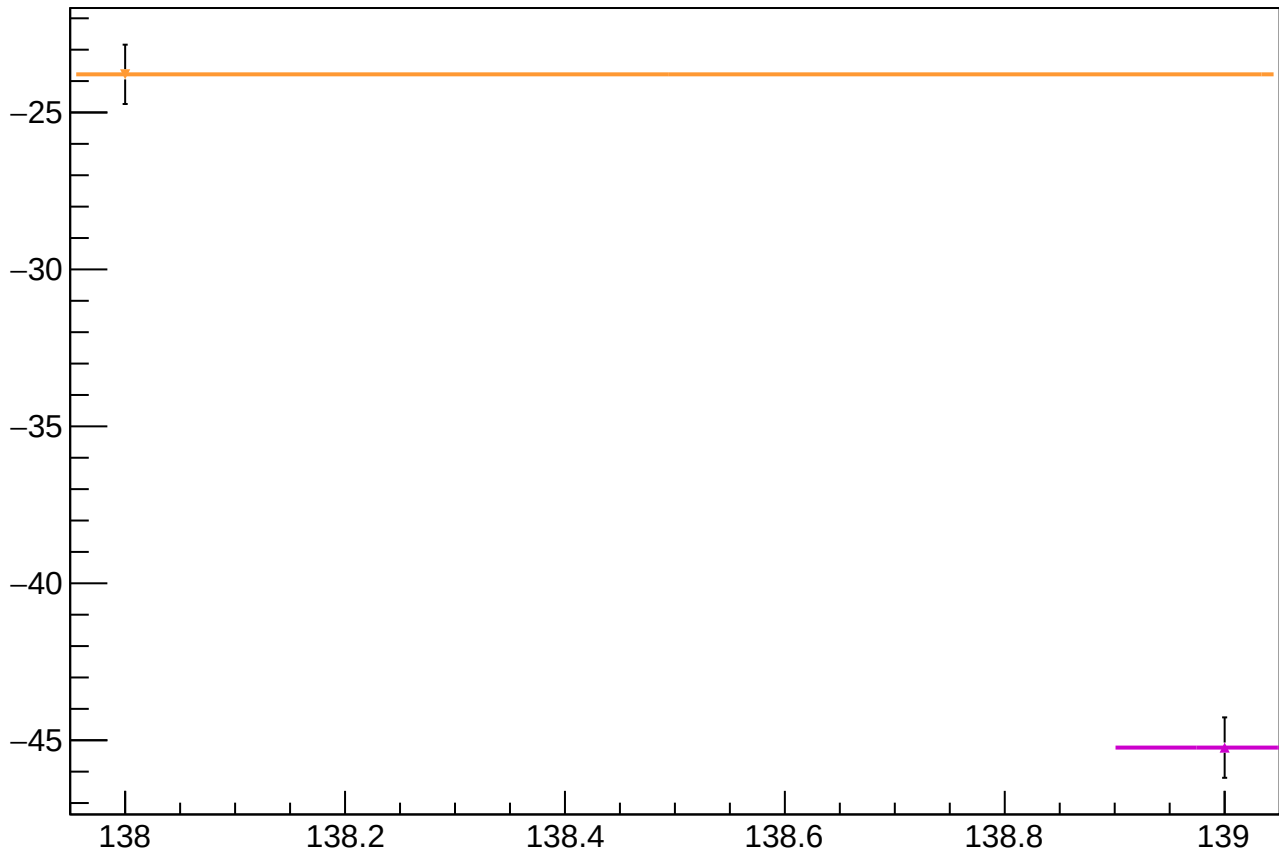
Right: -20.640 $\pm$ 0.014 χ^2 /NDF: 26376.6/35

In: -20.944 $\pm$ 0.017 χ^2 /NDF: 13713.7/17

Out: -20.979 $\pm$ 0.018 χ^2 /NDF: 15420.6/19

All: -20.961 $\pm$ 0.012 χ^2 /NDF: 29136.4/37

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.785 $\pm$ 0.945 χ^2/NDF : 0.0/0

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

Left In: -45.234 $\pm$ 0.962 χ^2/NDF : 0.0/0

Left: -34.314 $\pm$ 0.674 χ^2/NDF : 252.8/1

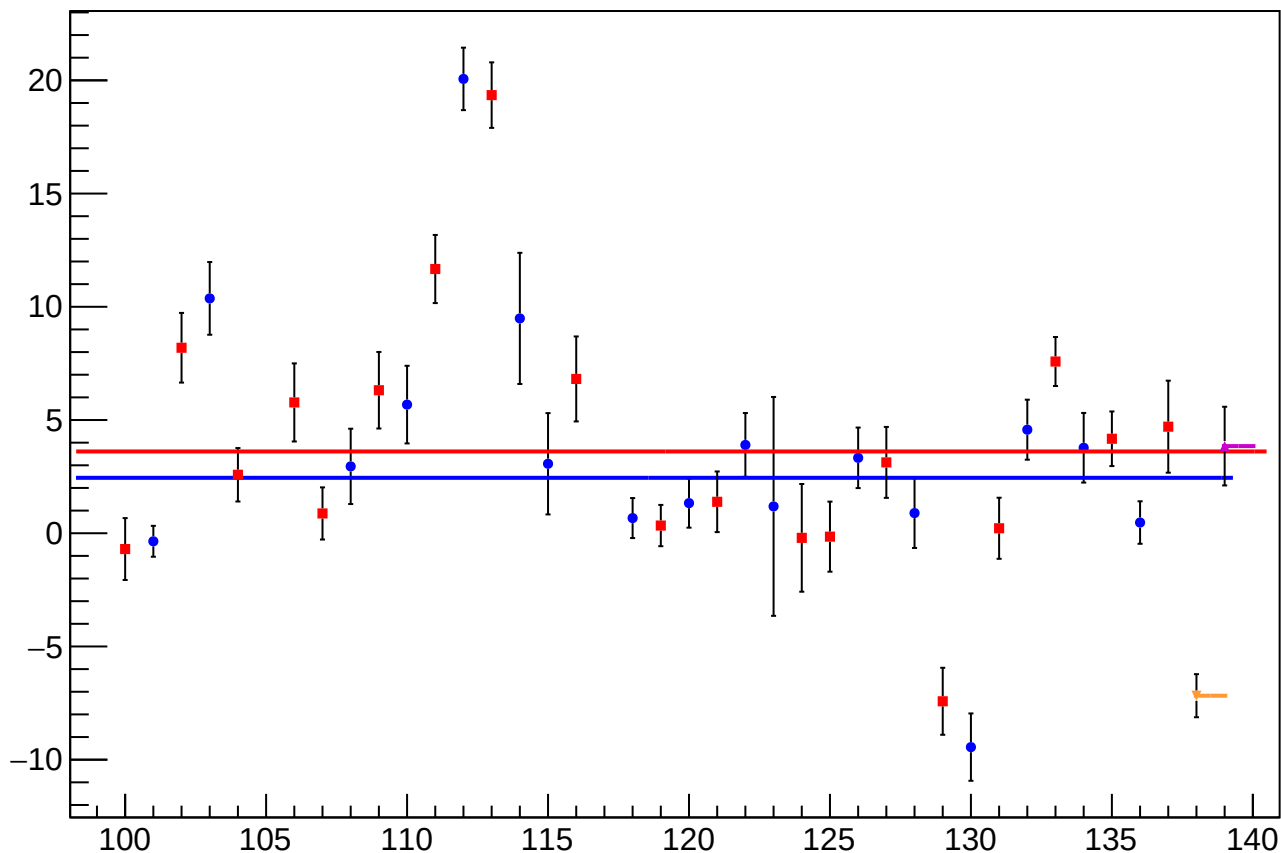
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -45.234 $\pm$ 0.962 χ^2/NDF : 0.0/0

Out: -23.785 $\pm$ 0.945 χ^2/NDF : 0.0/0

All: -34.314 $\pm$ 0.674 χ^2/NDF : 252.8/1

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: 3.848 $\pm$ 1.737 χ^2 /NDF:0.0/0

Left: -4.632 $\pm$ 0.834 χ^2 /NDF: 31.0/1

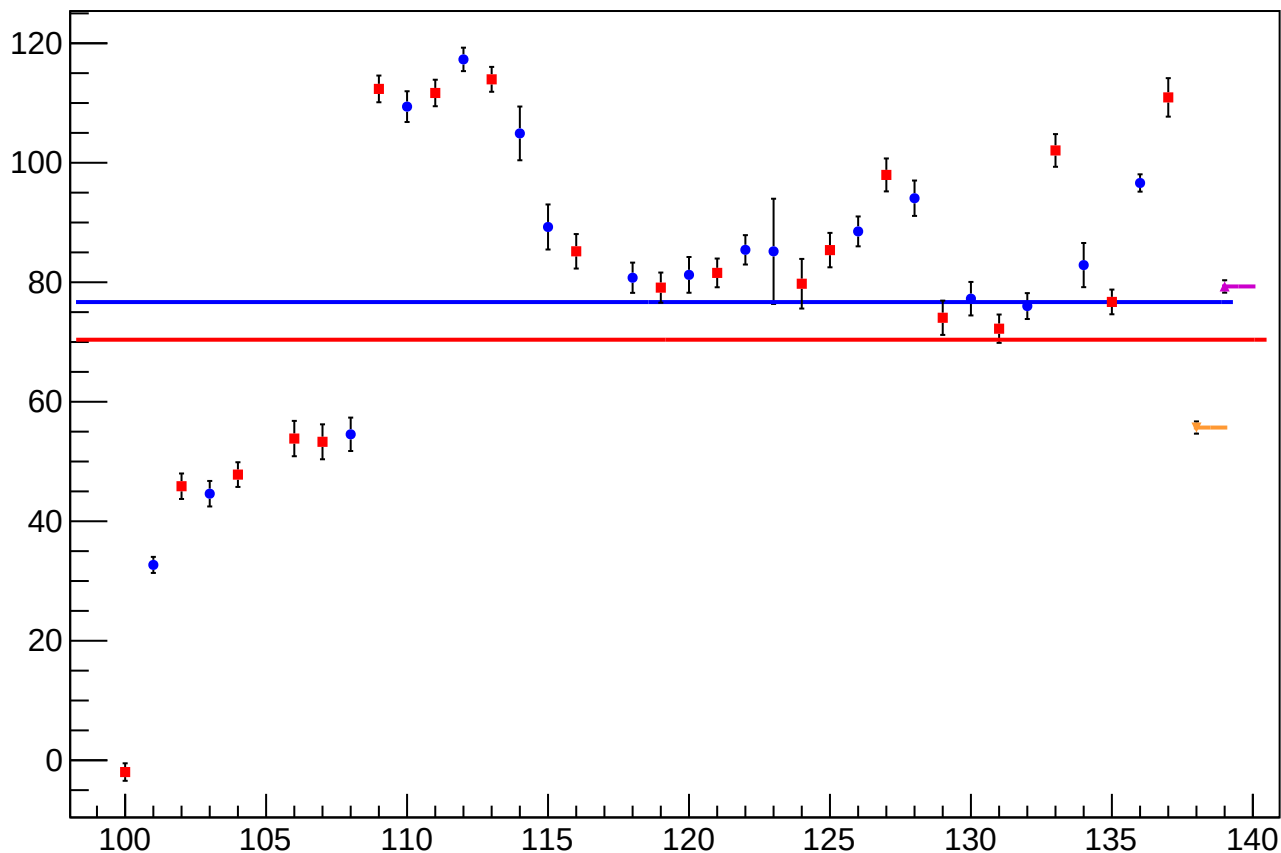
Right: 3.017 $\pm$ 0.223 χ^2 /NDF: 579.6/35

In: 2.491 $\pm$ 0.306 χ^2 /NDF:294.0/17

Out: 2.525 $\pm$ 0.302 χ^2 /NDF:395.0/19

All: 2.509 $\pm$ 0.215 χ^2 /NDF: 689.1/37

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 55.686 $\pm$ 1.025 χ^2 /NDF:0.0/0

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

Left In: 79.300 $\pm$ 1.042 χ^2 /NDF:0.0/0

Left: 67.297 $\pm$ 0.731 χ^2 /NDF: 261.2/1

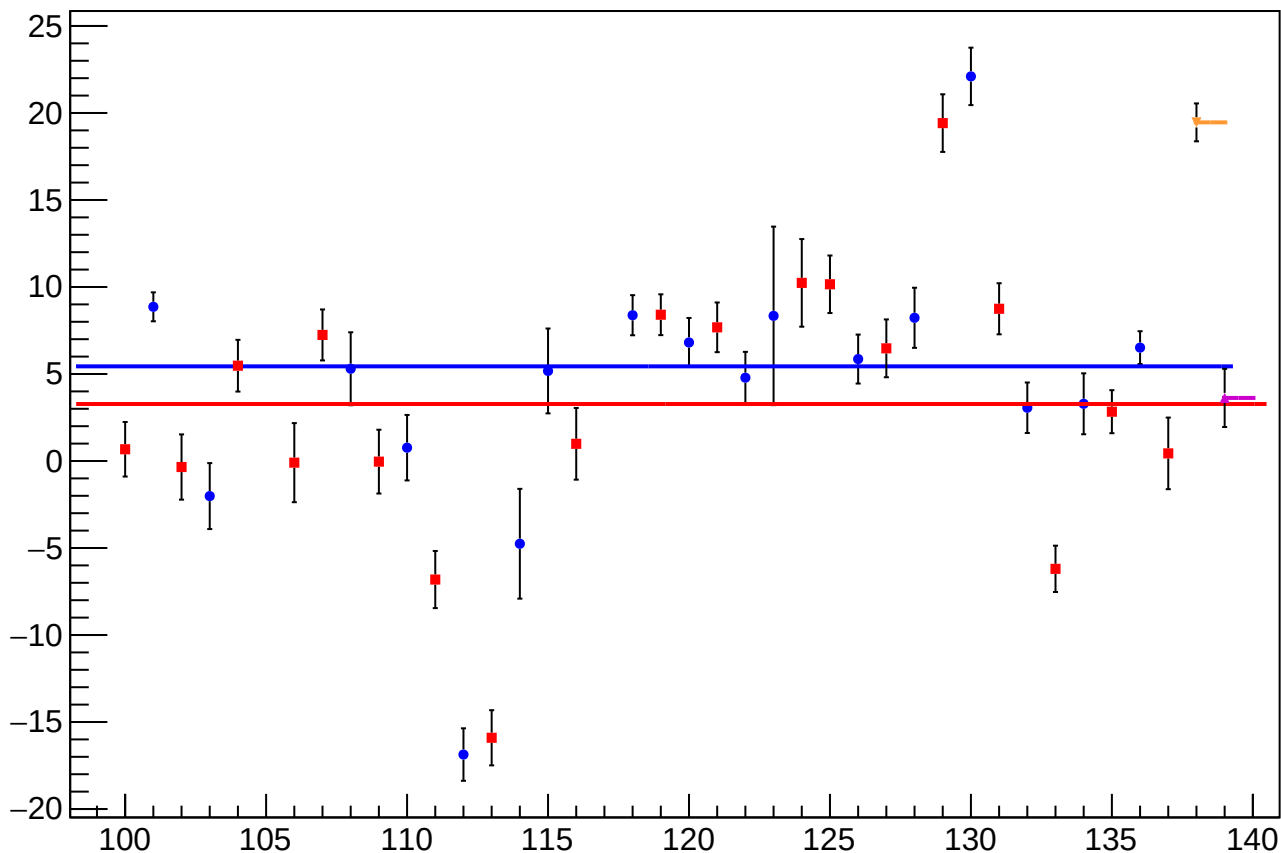
Right: 73.402 $\pm$ 0.397 χ^2 /NDF: 6719.1/35

In: 77.295 $\pm$ 0.502 χ^2 /NDF:2269.9/17

Out: 67.100 $\pm$ 0.484 χ^2 /NDF:4551.0/19

All: 72.011 $\pm$ 0.349 χ^2 /NDF: 7034.2/37

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.357 χ^2 /NDF: 385.9/16

Left Out: 19.460 $\pm$ 1.089 χ^2 /NDF:0.0/0

Right Out: 3.275 $\pm$ 0.365 χ^2 /NDF: 425.8/18

Left In: 3.625 $\pm$ 1.673 χ^2 /NDF:0.0/0

Left: 14.748 $\pm$ 0.912 χ^2 /NDF: 63.0/1

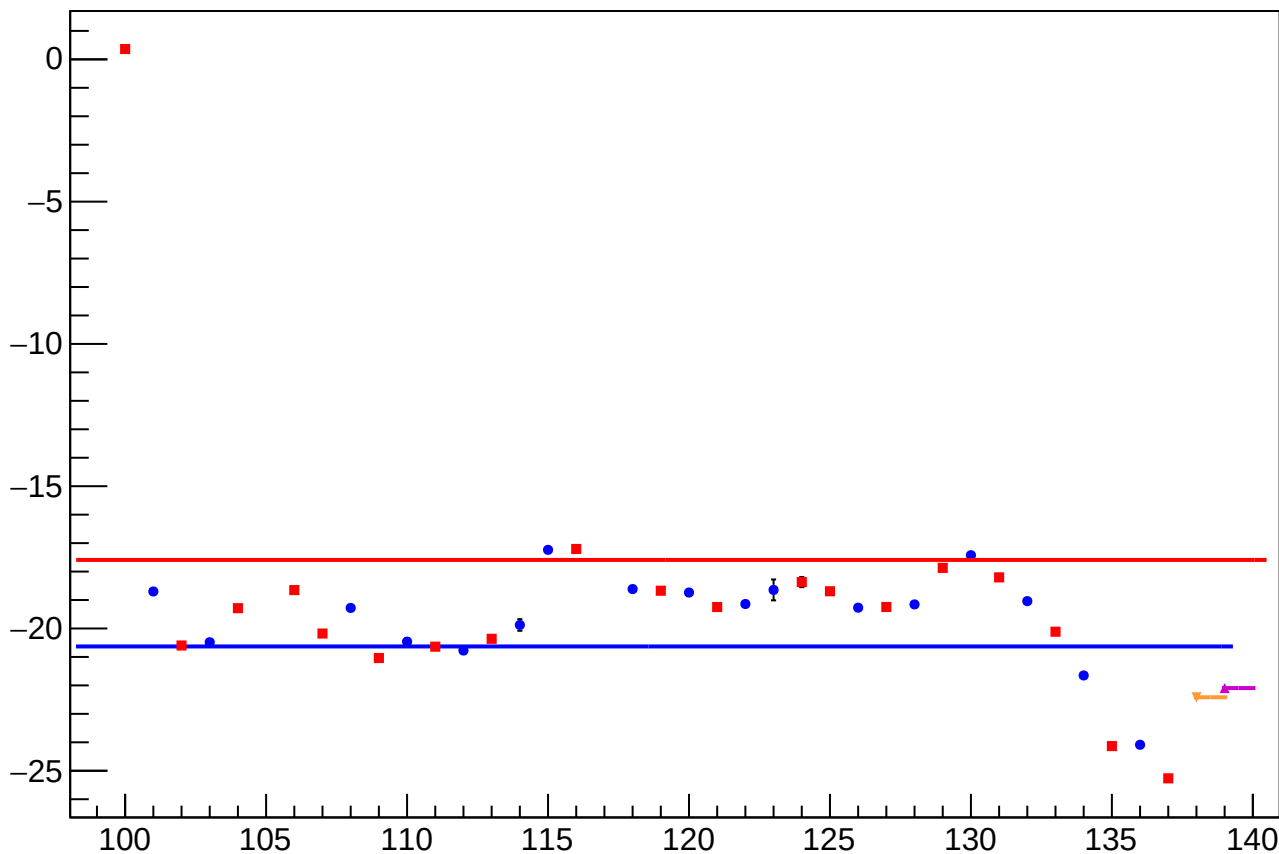
Right: 4.381 $\pm$ 0.256 χ^2 /NDF: 829.6/35

In: 5.360 $\pm$ 0.350 χ^2 /NDF:387.1/17

Out: 4.913 $\pm$ 0.346 χ^2 /NDF:624.4/19

All: 5.135 $\pm$ 0.246 χ^2 /NDF: 1012.3/37

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: -22.094 ± 0.037 χ^2/NDF : 0.0/0

Left: -22.241 ± 0.027 χ^2/NDF : 35.3/1

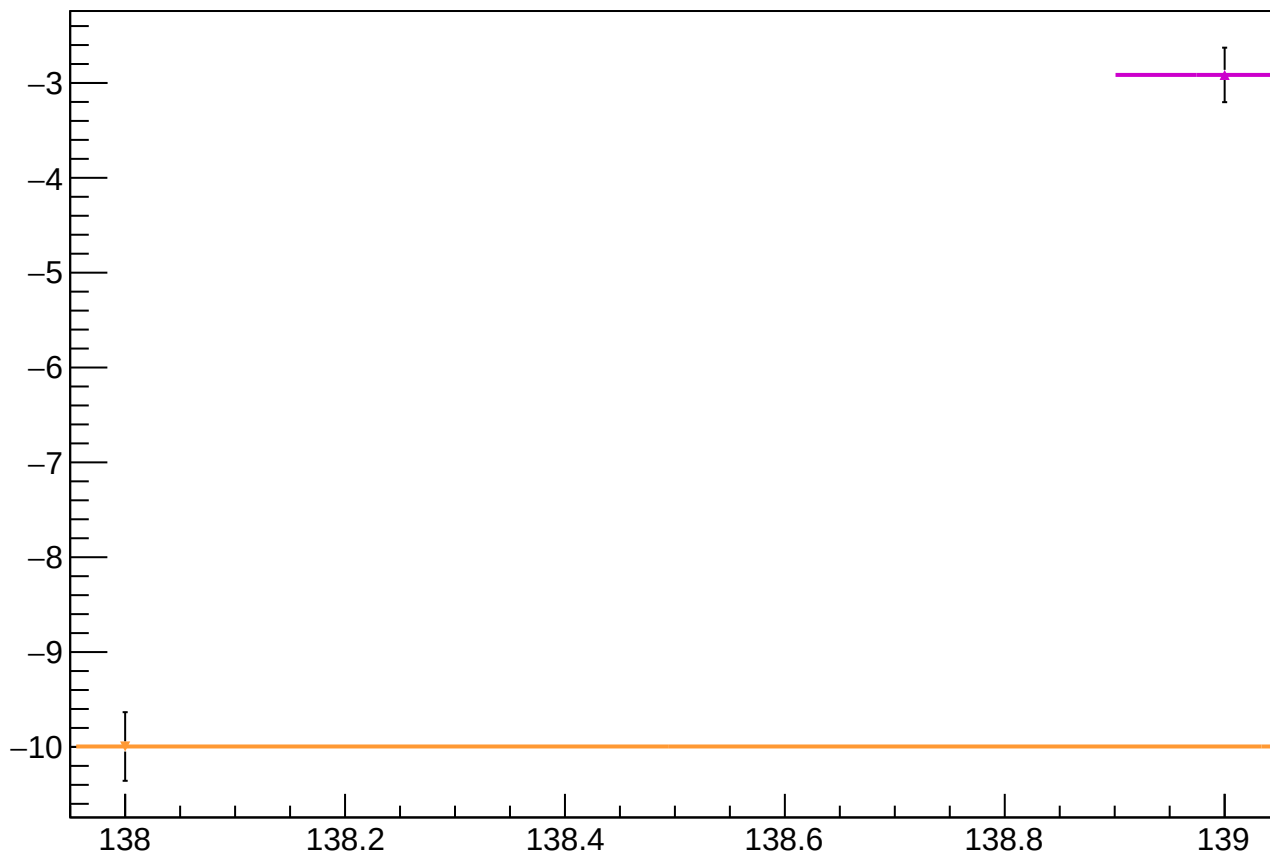
Right: -19.007 ± 0.013 χ^2/NDF : 204486.4/35

In: -20.947 ± 0.017 χ^2/NDF : 13772.1/17

Out: -18.389 ± 0.016 χ^2/NDF : 190552.0/19

All: -19.621 ± 0.012 χ^2/NDF : 215961.1/37

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: -2.915+/-0.287 χ^2/NDF : 0.0/0

Left: -5.653+/-0.225 χ^2/NDF : 234.9/1

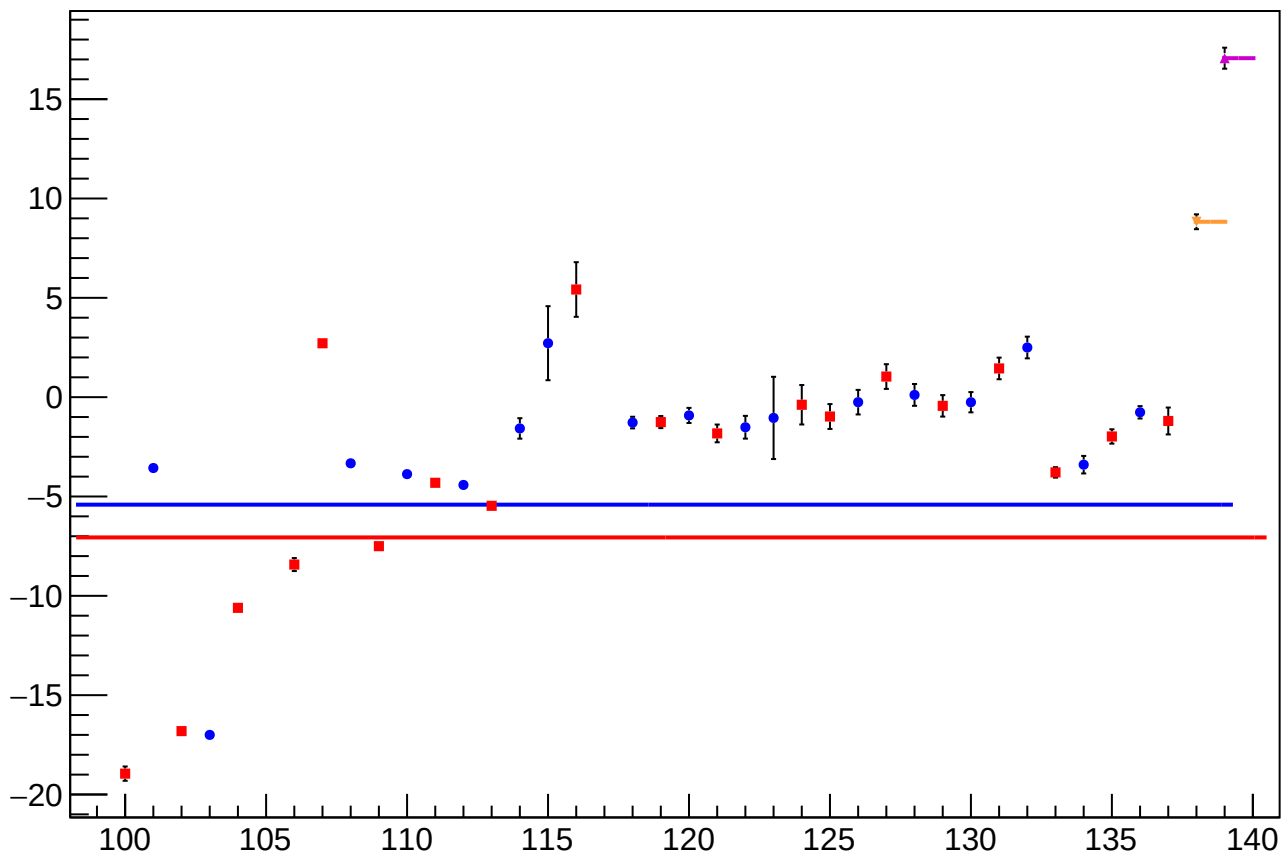
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.915+/-0.287 χ^2/NDF : 0.0/0

Out: -9.995+/-0.362 χ^2/NDF : 0.0/0

All: -5.653+/-0.225 χ^2/NDF : 234.9/1

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: 17.063+/-0.529 χ^2/NDF : 0.0/0

Left: 11.575+/-0.306 χ^2/NDF : 161.4/1

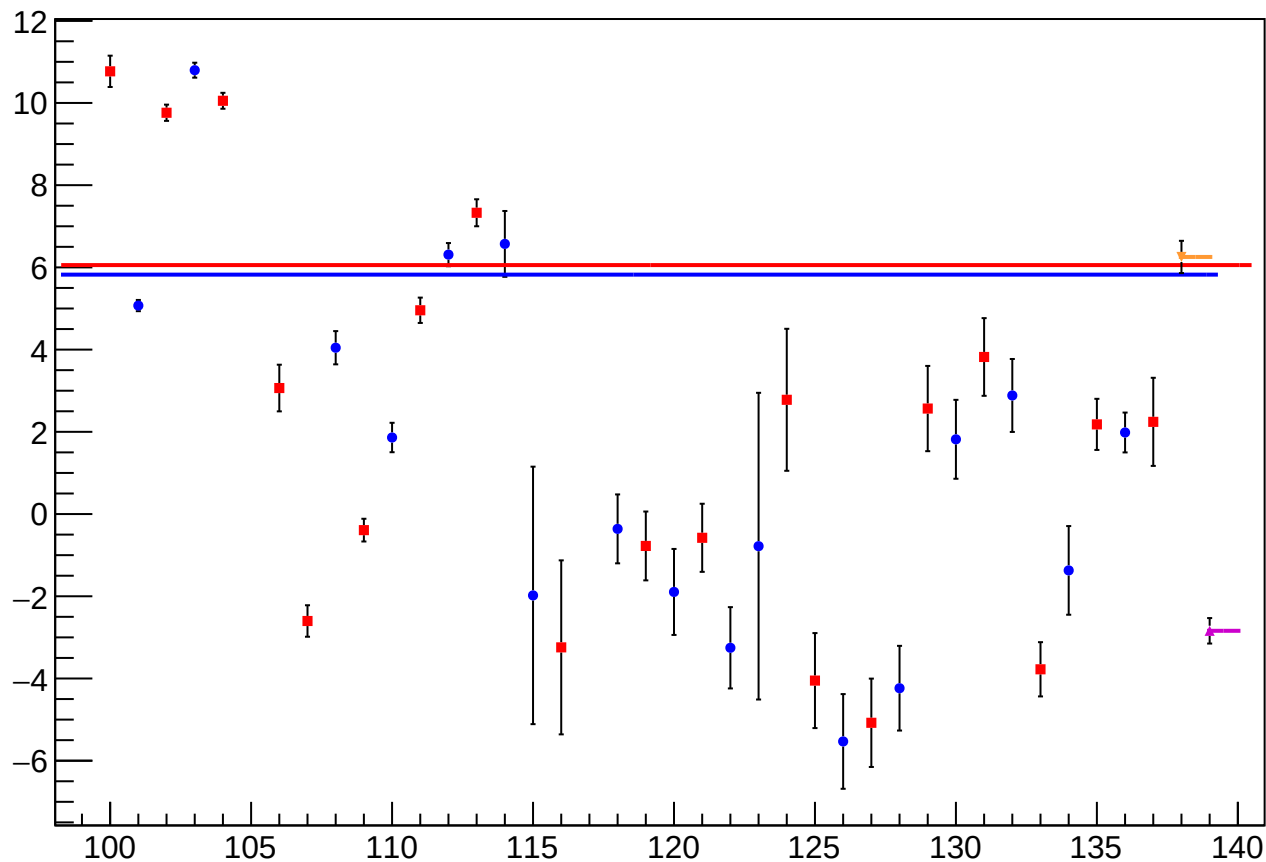
Right: -6.173+/-0.040 χ^2/NDF : 22010.3/35

In: -5.173+/-0.054 χ^2/NDF : 11046.0/17

Out: -6.675+/-0.058 χ^2/NDF : 14087.3/19

All: -5.872+/-0.040 χ^2/NDF : 25487.5/37

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: -2.840 $\pm$ 0.310 χ^2 /NDF:0.0/0

Left: 0.654 $\pm$ 0.243 χ^2 /NDF: 330.9/1

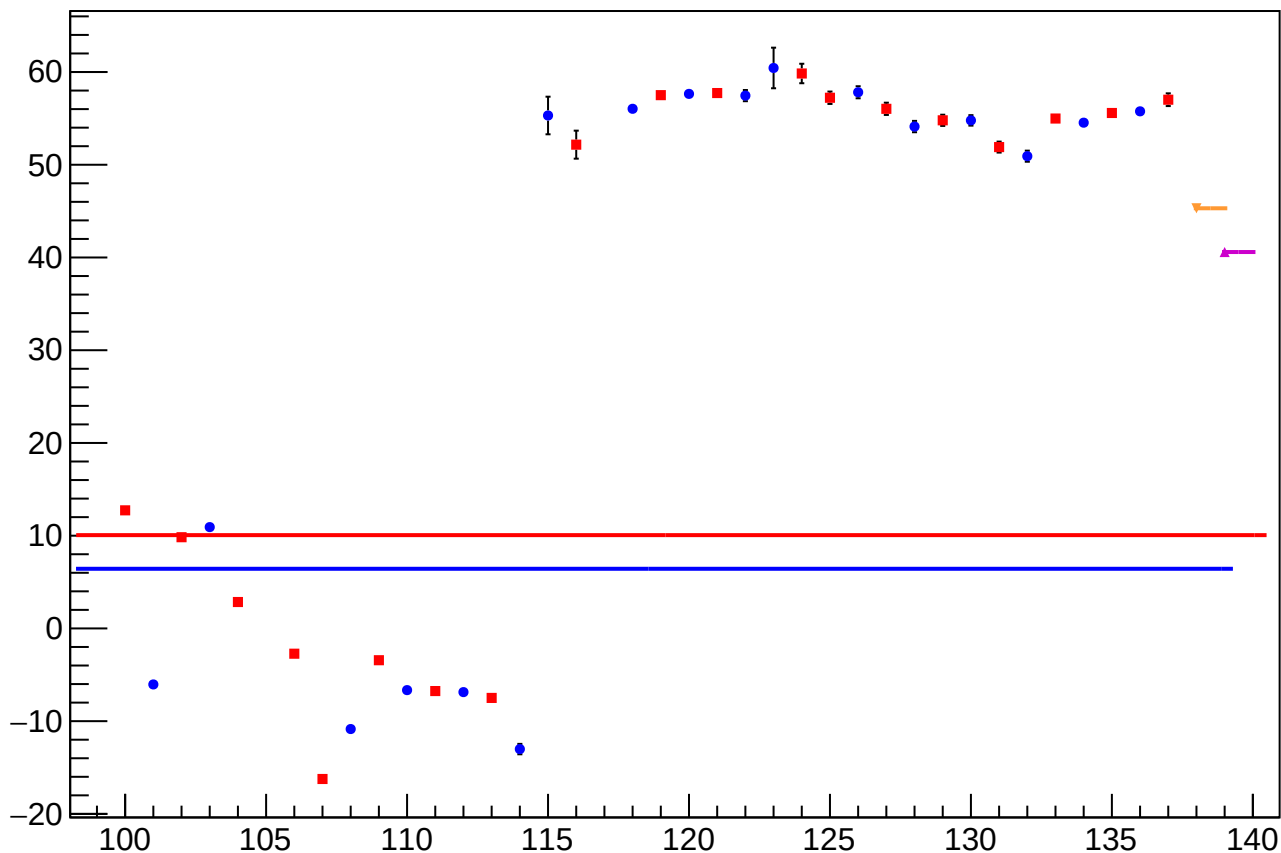
Right: 5.935 $\pm$ 0.065 χ^2 /NDF: 4124.7/35

In: 5.156 $\pm$ 0.086 χ^2 /NDF:2174.0/17

Out: 6.067 $\pm$ 0.091 χ^2 /NDF:2669.1/19

All: 5.587 $\pm$ 0.062 χ^2 /NDF: 4896.2/37

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432+/-0.065 χ^2/NDF : 123486.3/16

Left Out: 45.306+/-0.425 χ^2/NDF : 0.0/0

Right Out: 10.060+/-0.070 χ^2/NDF : 121816.0/18

Left In: 40.588+/-0.510 χ^2/NDF : 0.0/0

Left: 43.377+/-0.326 χ^2/NDF : 50.5/1

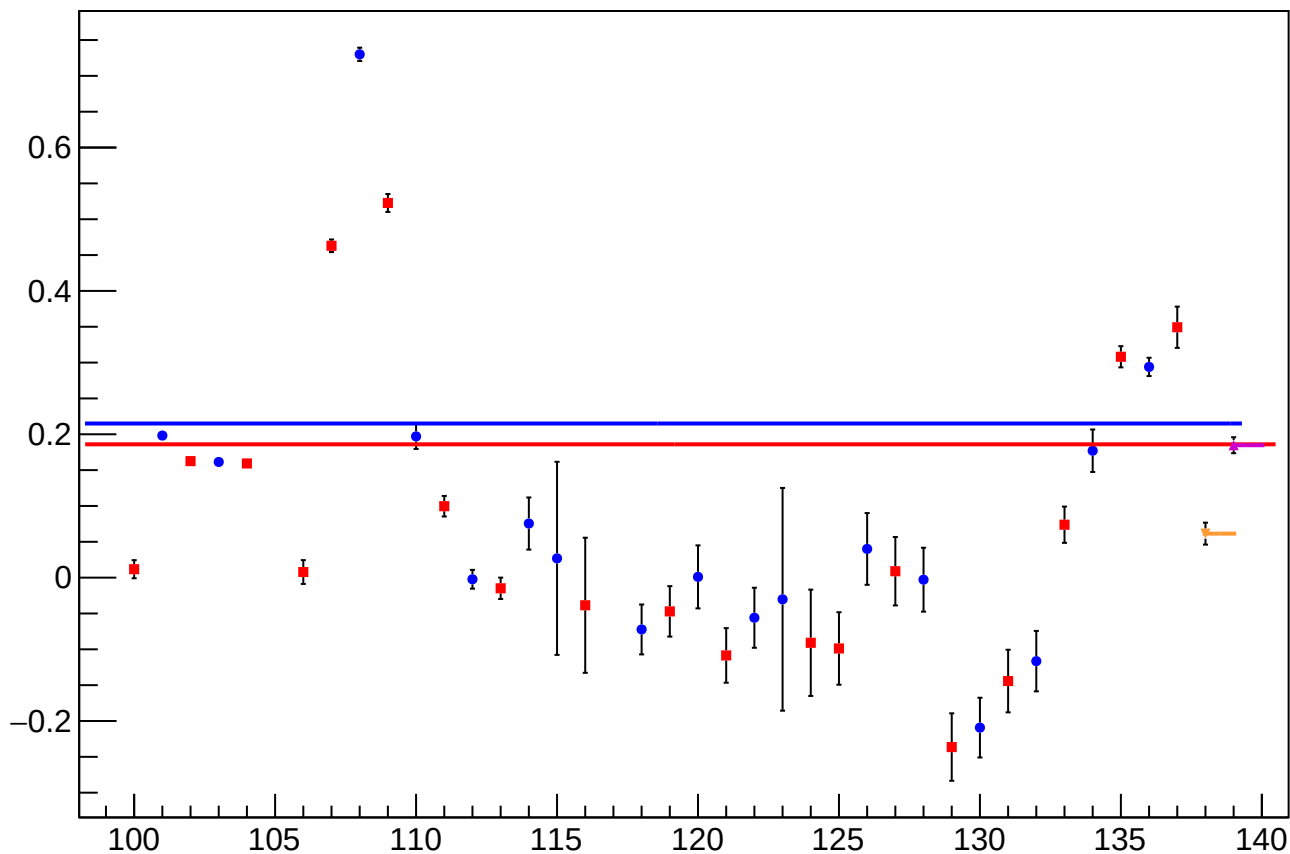
Right: 8.110+/-0.047 χ^2/NDF : 246756.9/35

In: 6.972+/-0.064 χ^2/NDF : 127893.5/17

Out: 10.986+/-0.069 χ^2/NDF : 128526.1/19

All: 8.839+/-0.047 χ^2/NDF : 258239.0/37

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.061 $\pm$ 0.015 χ^2 /NDF:0.0/0

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

Left In: 0.185 $\pm$ 0.011 χ^2 /NDF:0.0/0

Left: 0.142 $\pm$ 0.009 χ^2 /NDF: 42.4/1

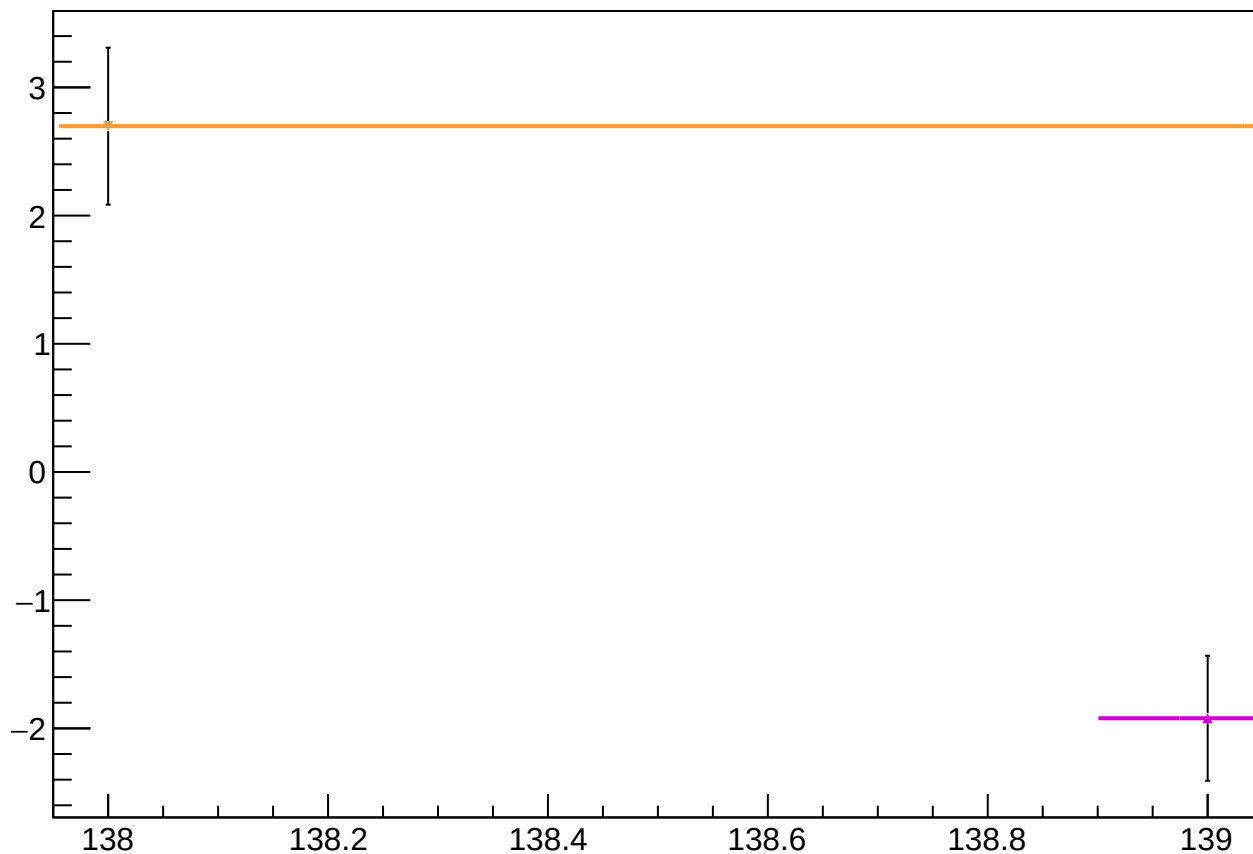
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6707.1/35

In: 0.213 $\pm$ 0.003 χ^2 /NDF:3937.1/17

Out: 0.182 $\pm$ 0.003 χ^2 /NDF:2784.5/19

All: 0.198 $\pm$ 0.002 χ^2 /NDF: 6789.1/37

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected

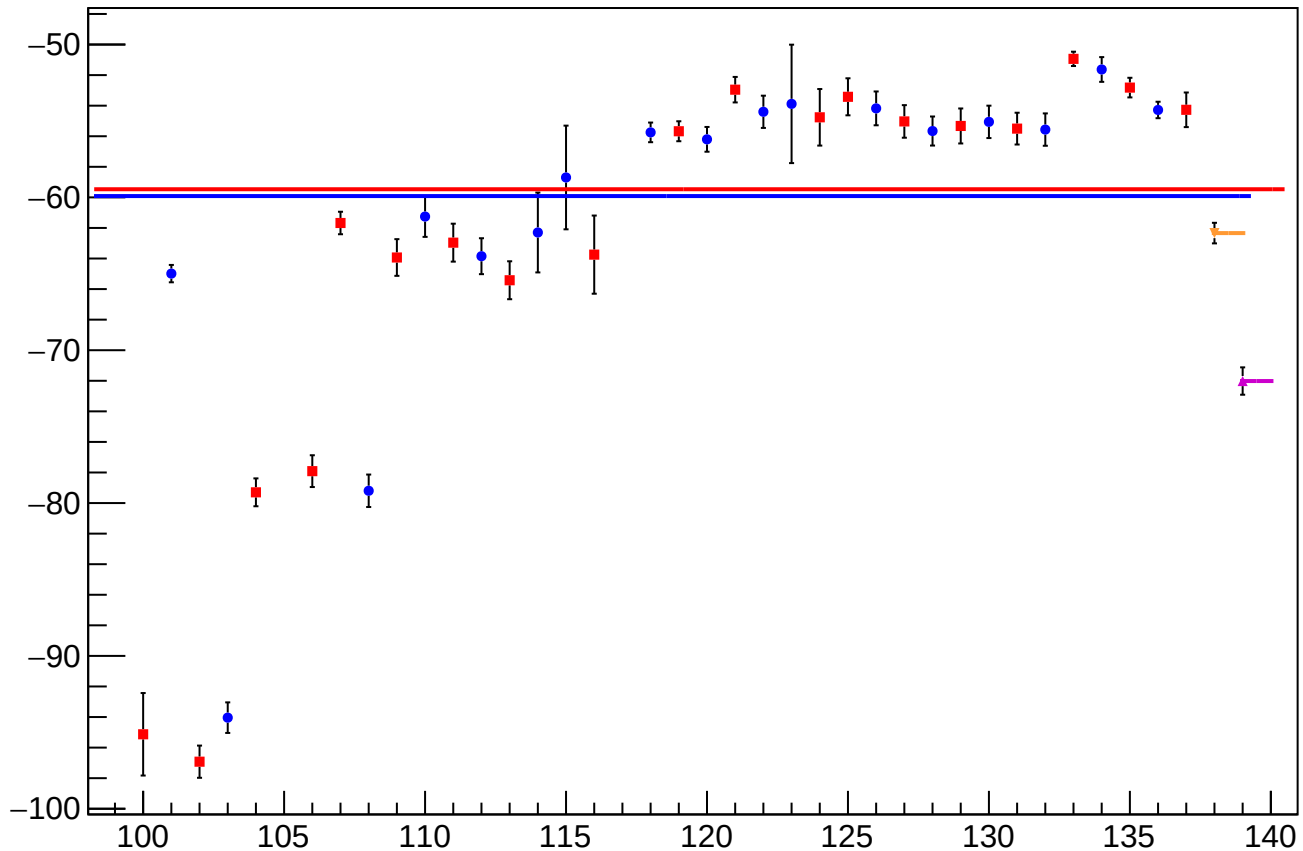


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.698+/-0.612 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.921+/-0.488 χ^2/NDF : 0.0/0

Left: -0.127+/-0.382 χ^2/NDF : 34.8/1
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.921+/-0.488 χ^2/NDF : 0.0/0
 Out: 2.698+/-0.612 χ^2/NDF : 0.0/0

All: -0.127+/-0.382 χ^2/NDF : 34.8/1

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -62.337 ± 0.673 χ^2/NDF : 0.0/0

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

Left In: -72.017 ± 0.895 χ^2/NDF : 0.0/0

Left: -65.835 ± 0.538 χ^2/NDF : 74.7/1

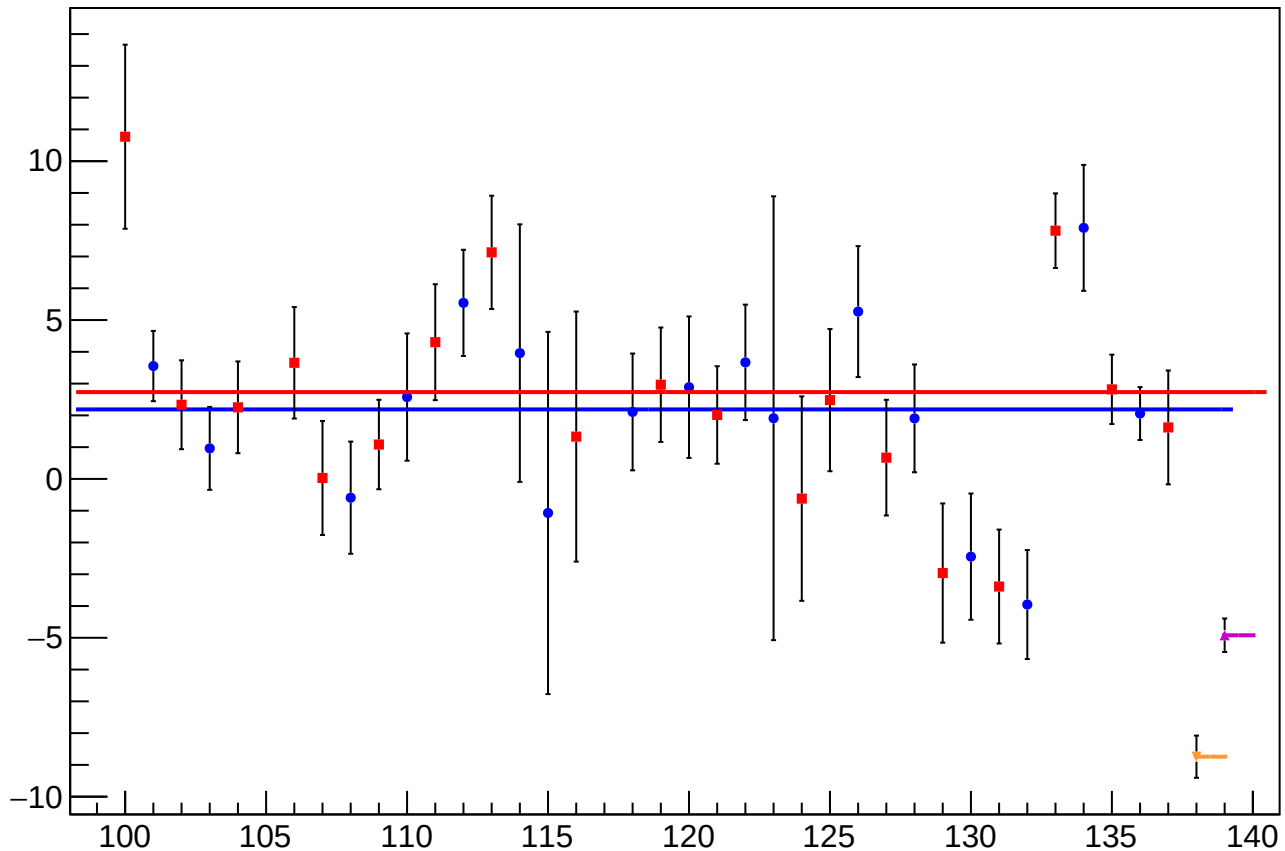
Right: -59.680 ± 0.154 χ^2/NDF : 4894.3/35

In: -60.622 ± 0.216 χ^2/NDF : 2151.6/17

Out: -59.726 ± 0.202 χ^2/NDF : 2929.2/19

All: -60.144 ± 0.148 χ^2/NDF : 5089.9/37

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -8.742 ± 0.664 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

Left In: -4.920 ± 0.527 $\chi^2/\text{NDF}: 0.0/0$

Left: -6.395 ± 0.413 $\chi^2/\text{NDF}: 20.3/1$

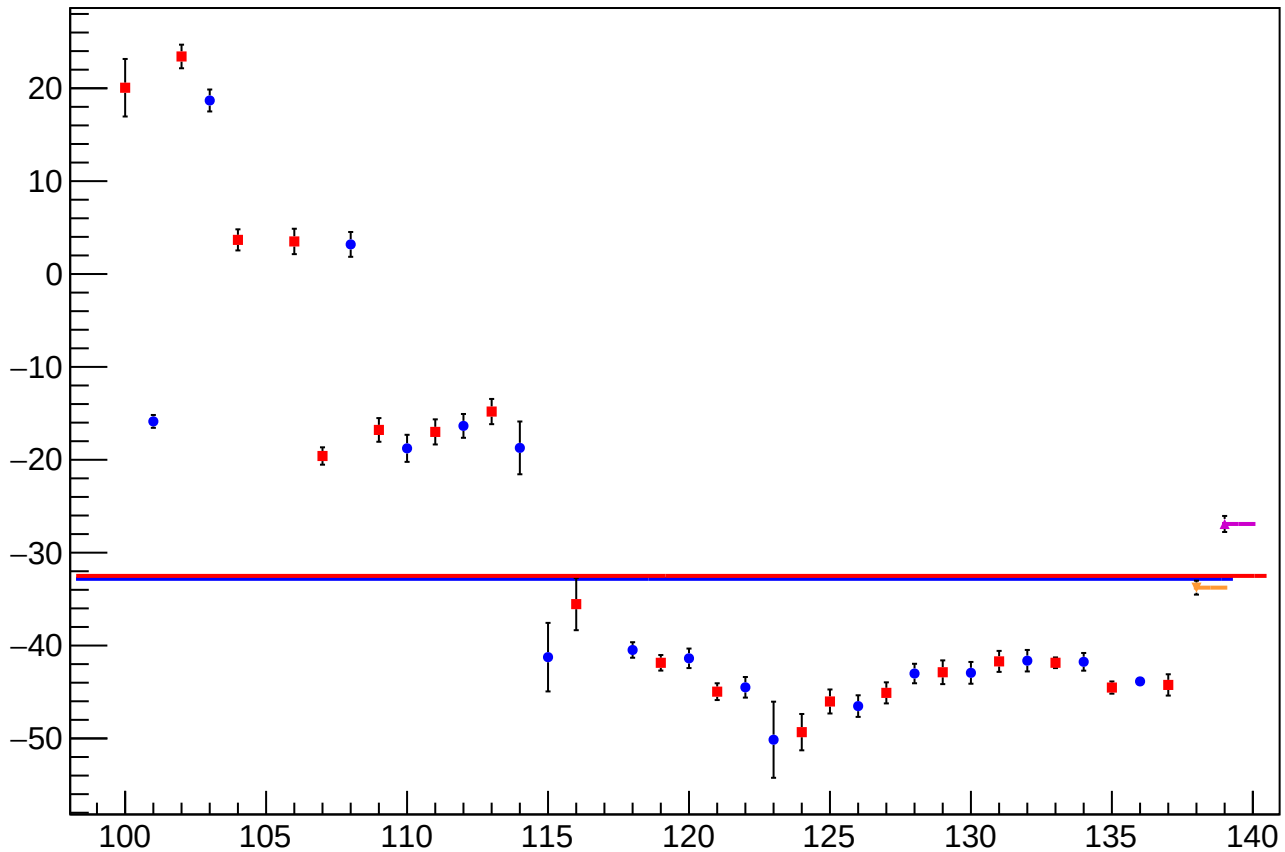
Right: 2.472 ± 0.280 $\chi^2/\text{NDF}: 98.9/35$

In: -0.446 ± 0.321 $\chi^2/\text{NDF}: 153.8/17$

Out: -0.182 ± 0.335 $\chi^2/\text{NDF}: 281.5/19$

All: -0.320 ± 0.232 $\chi^2/\text{NDF}: 435.6/37$

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: -26.910+/-0.863 χ^2/NDF : 0.0/0

Left: -30.811+/-0.567 χ^2/NDF : 35.9/1

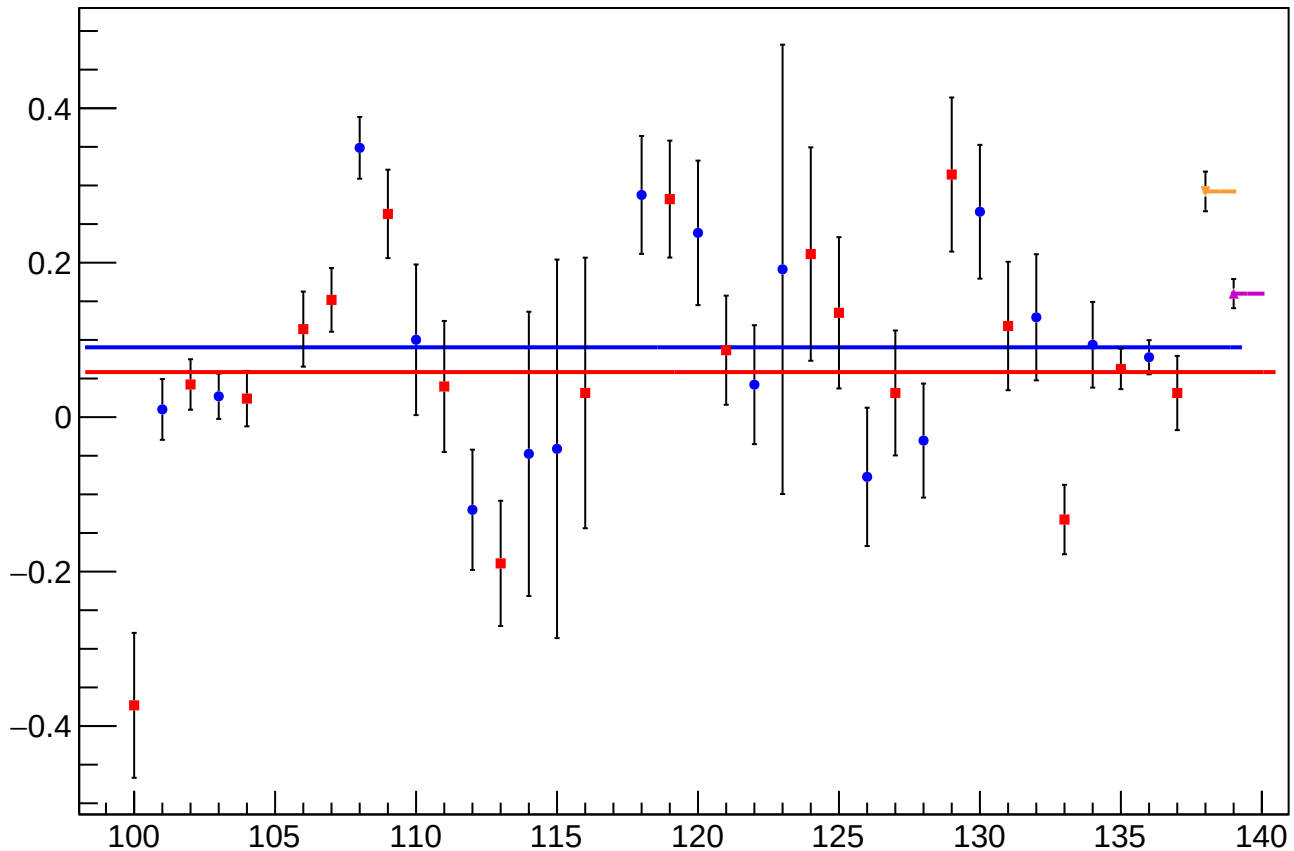
Right: -32.652+/-0.176 χ^2/NDF : 10705.2/35

In: -32.346+/-0.244 χ^2/NDF : 4709.7/17

Out: -32.622+/-0.232 χ^2/NDF : 6040.4/19

All: -32.490+/-0.168 χ^2/NDF : 10750.8/37

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.292 ± 0.026 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

Left In: 0.160 ± 0.019 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.206 ± 0.015 $\chi^2/\text{NDF}: 17.2/1$

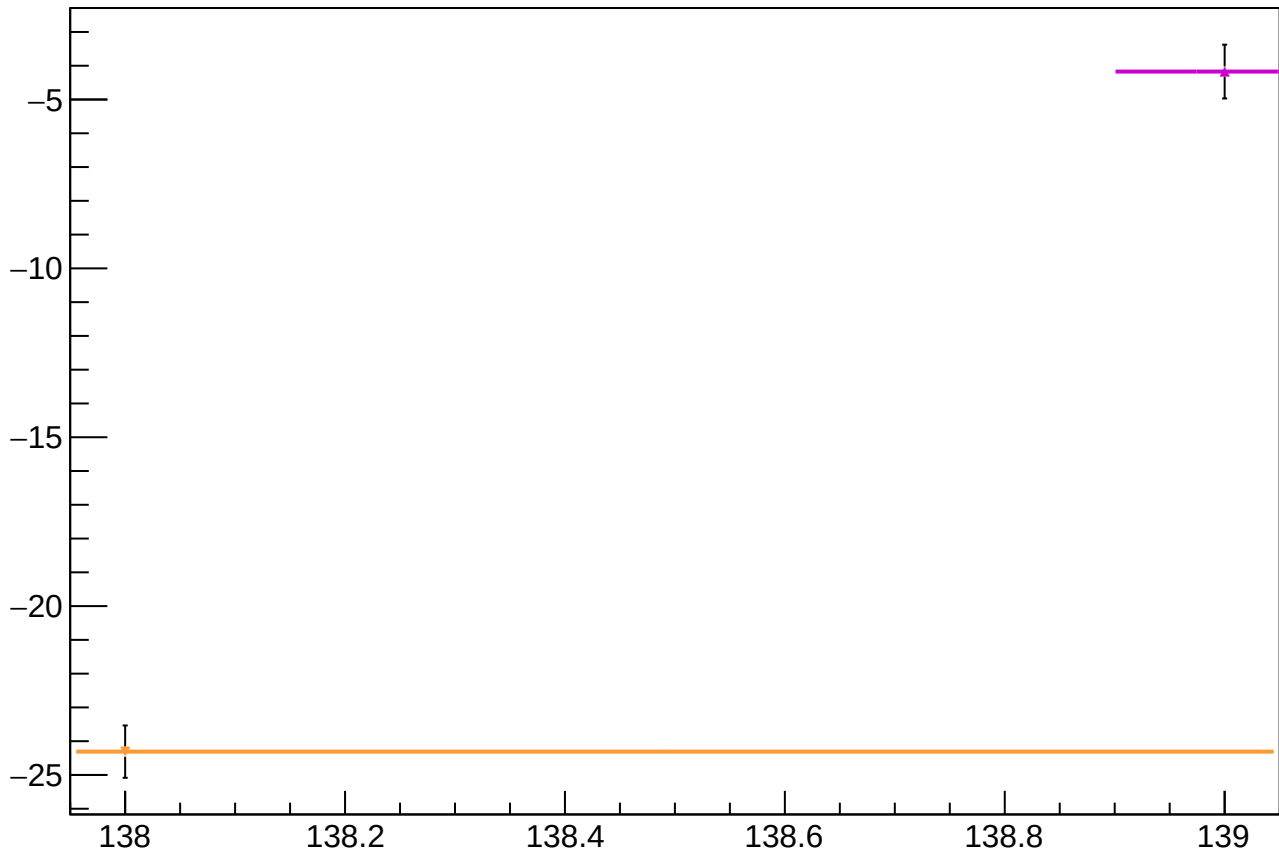
Right: 0.074 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.112 ± 0.011 $\chi^2/\text{NDF}: 88.6/17$

Out: 0.101 ± 0.011 $\chi^2/\text{NDF}: 155.1/19$

All: 0.107 ± 0.008 $\chi^2/\text{NDF}: 244.2/37$

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: -4.173+/-0.796 χ^2/NDF : 0.0/0

Left: -14.518+/-0.555 χ^2/NDF : 328.5/1

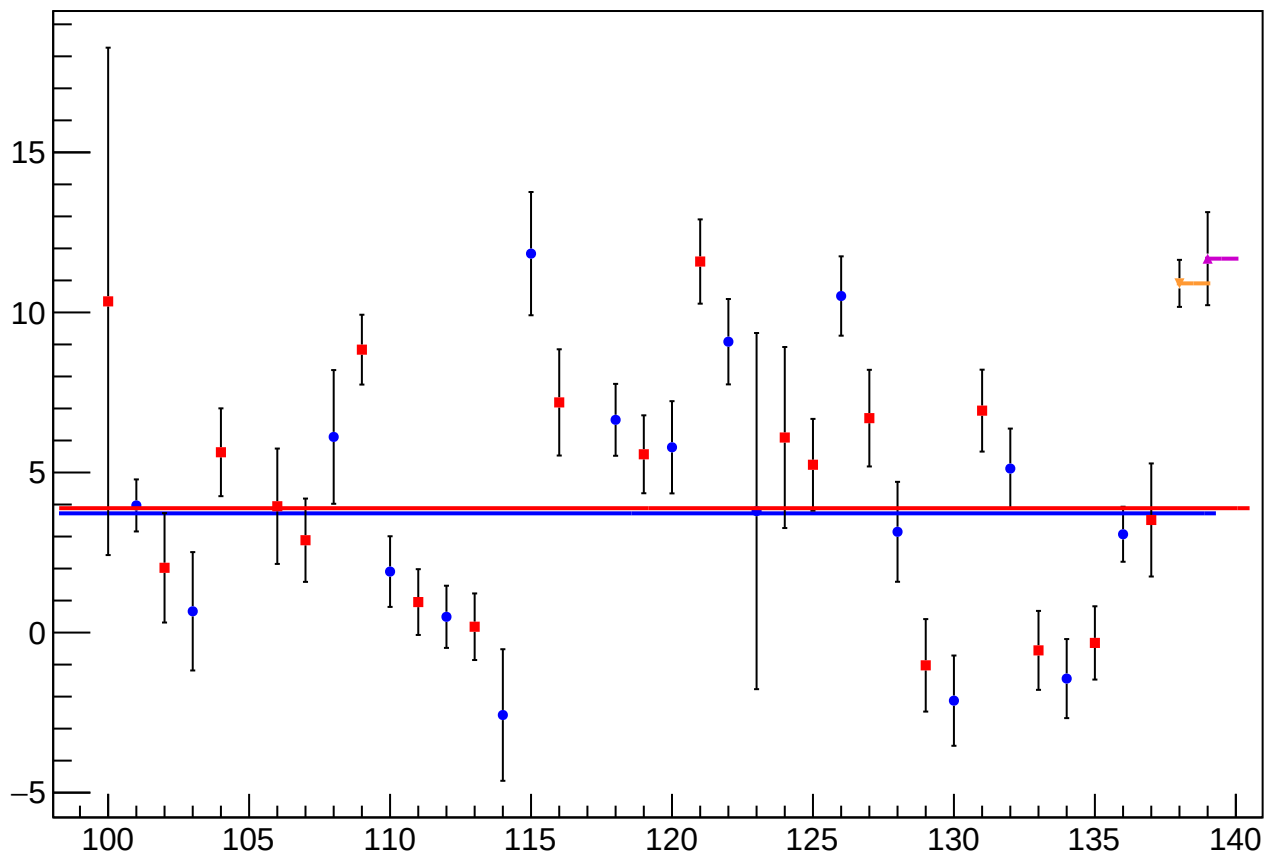
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.173+/-0.796 χ^2/NDF : 0.0/0

Out: -24.309+/-0.775 χ^2/NDF : 0.0/0

All: -14.518+/-0.555 χ^2/NDF : 328.5/1

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 ± 0.308 $\chi^2/\text{NDF}: 136.8/16$

Left Out: 10.908 ± 0.735 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.885 ± 0.316 $\chi^2/\text{NDF}: 134.4/18$

Left In: 11.680 ± 1.453 $\chi^2/\text{NDF}: 0.0/0$

Left: 11.065 ± 0.656 $\chi^2/\text{NDF}: 0.2/1$

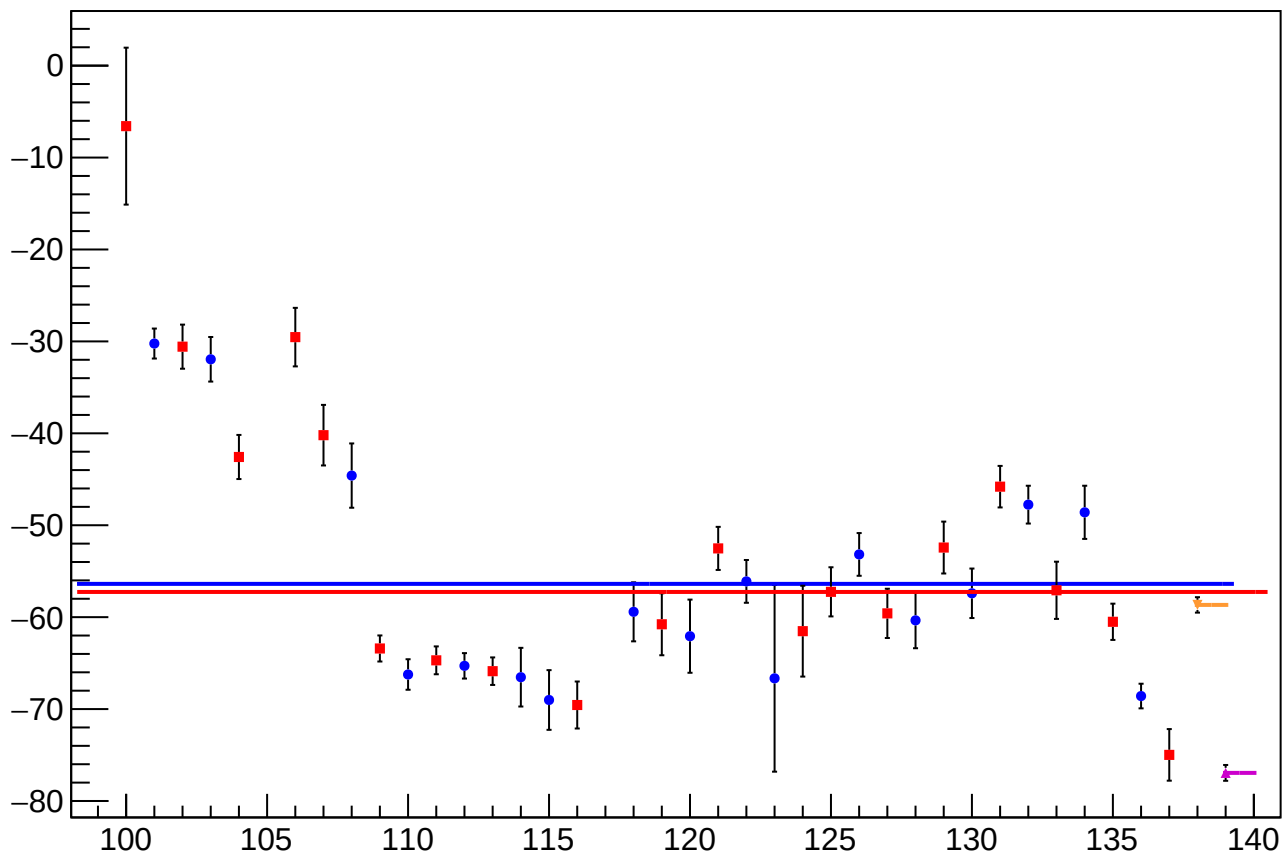
Right: 3.803 ± 0.221 $\chi^2/\text{NDF}: 271.3/35$

In: 4.067 ± 0.302 $\chi^2/\text{NDF}: 165.4/17$

Out: 4.983 ± 0.290 $\chi^2/\text{NDF}: 211.5/19$

All: 4.543 ± 0.209 $\chi^2/\text{NDF}: 381.7/37$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -58.668 ± 0.839 χ^2/NDF : 0.0/0

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

Left In: -76.942 ± 0.861 χ^2/NDF : 0.0/0

Left: -67.577 ± 0.601 χ^2/NDF : 231.1/1

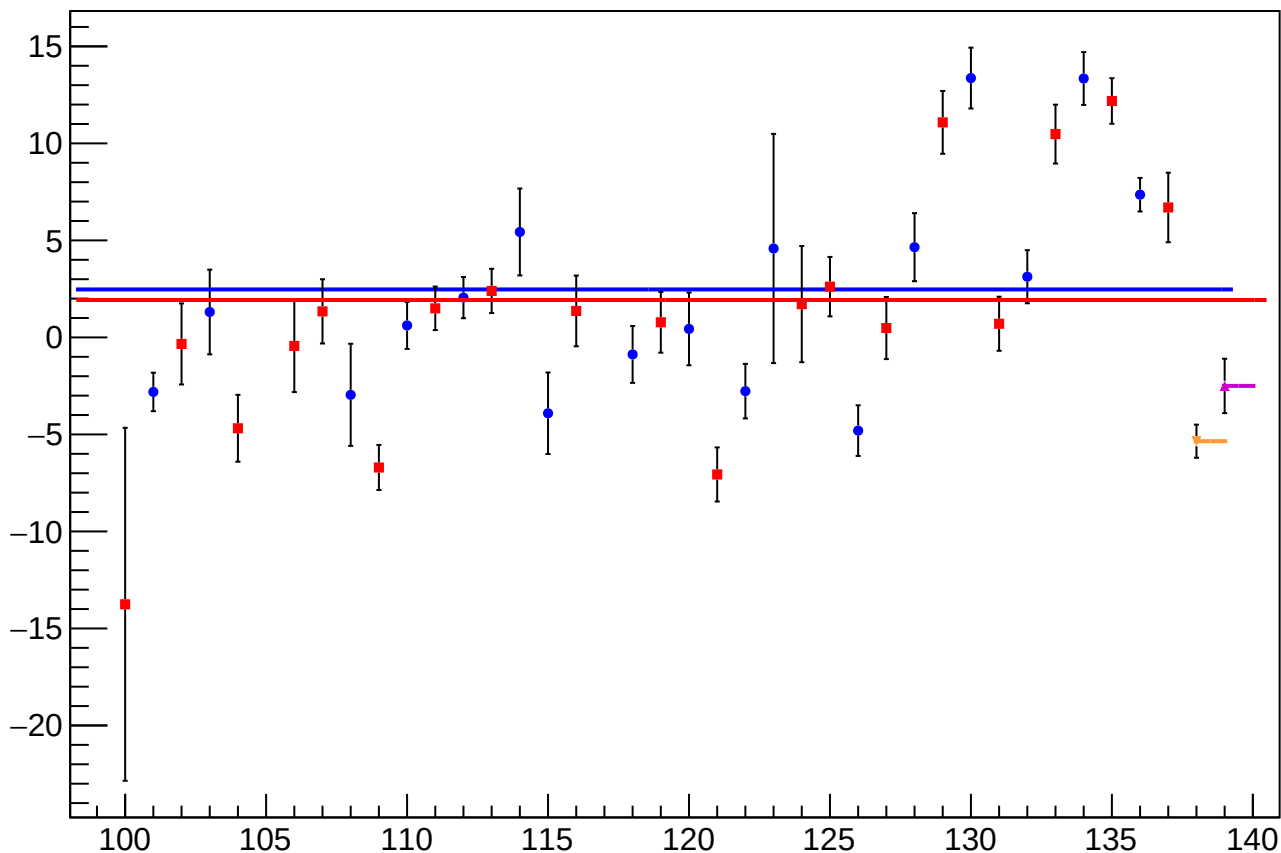
Right: -56.823 ± 0.381 χ^2/NDF : 1064.8/35

In: -62.217 ± 0.459 χ^2/NDF : 996.2/17

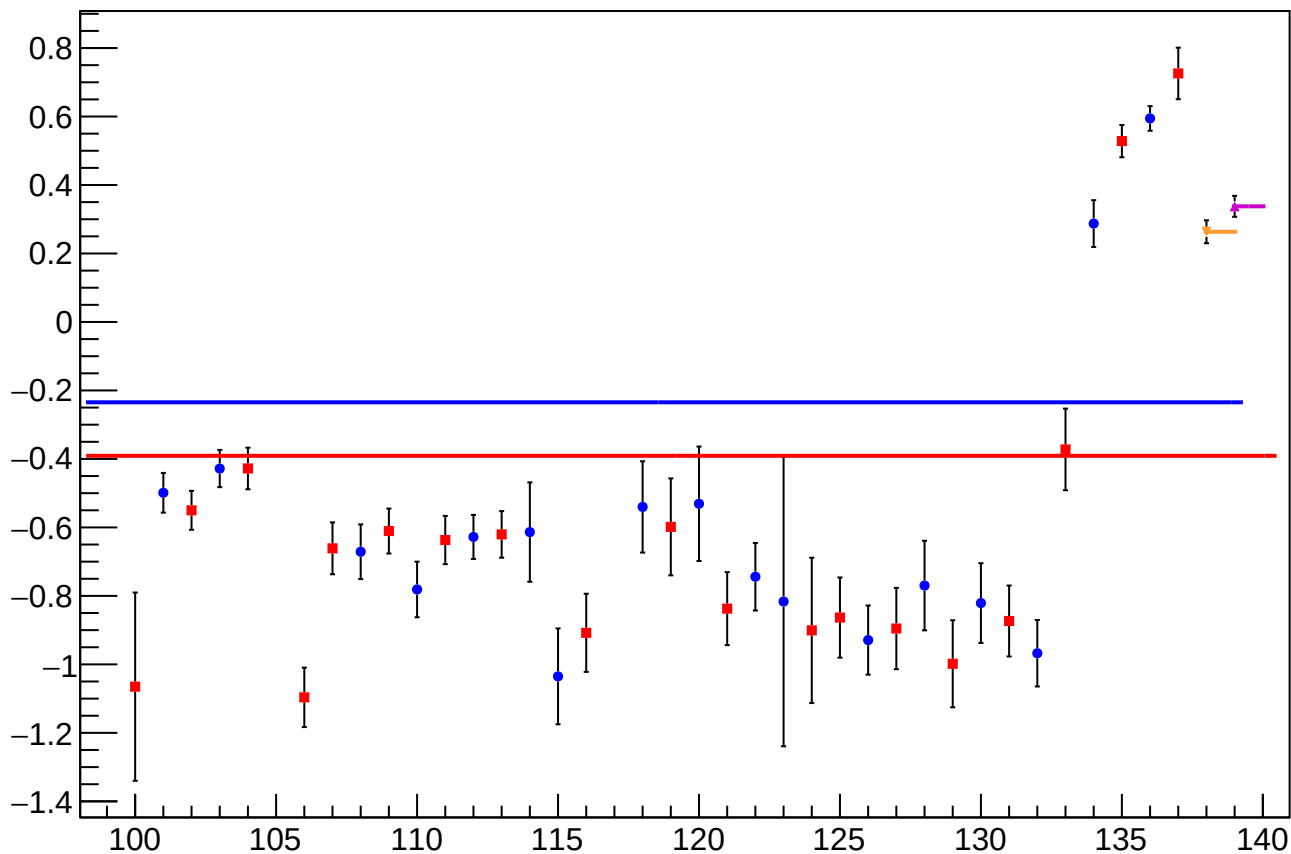
Out: -57.666 ± 0.452 χ^2/NDF : 478.1/19

All: -59.907 ± 0.322 χ^2/NDF : 1524.3/37

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.338 ± 0.031 χ^2/NDF : 0.0/0

Left: 0.304 ± 0.023 χ^2/NDF : 2.7/1

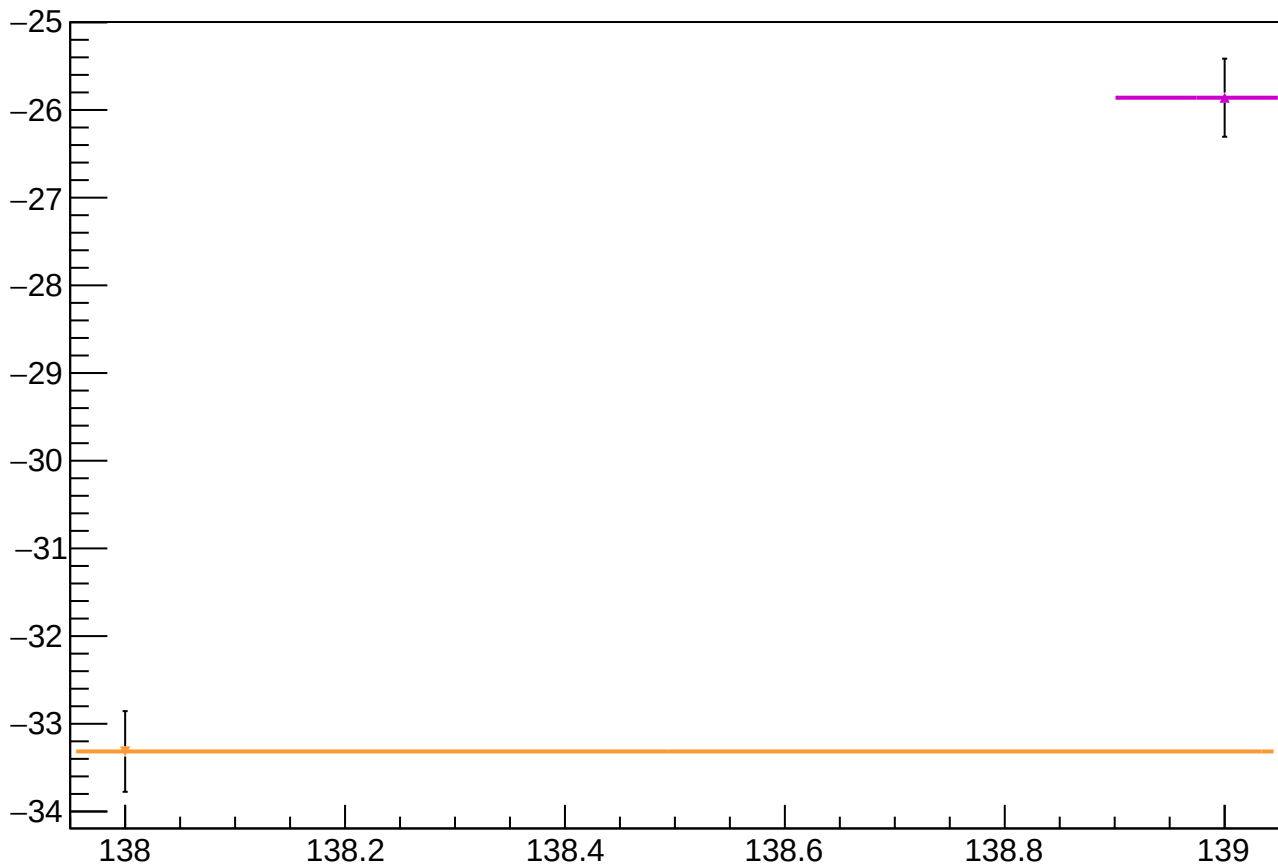
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: -0.077 ± 0.016 χ^2/NDF : 1211.4/17

Out: -0.232 ± 0.016 χ^2/NDF : 1142.5/19

All: -0.153 ± 0.012 χ^2/NDF : 2399.1/37

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -33.316 $\pm$ 0.460 χ^2/NDF : 0.0/0

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

Left In: -25.860 $\pm$ 0.445 χ^2/NDF : 0.0/0

Left: -29.466 $\pm$ 0.320 χ^2/NDF : 135.6/1

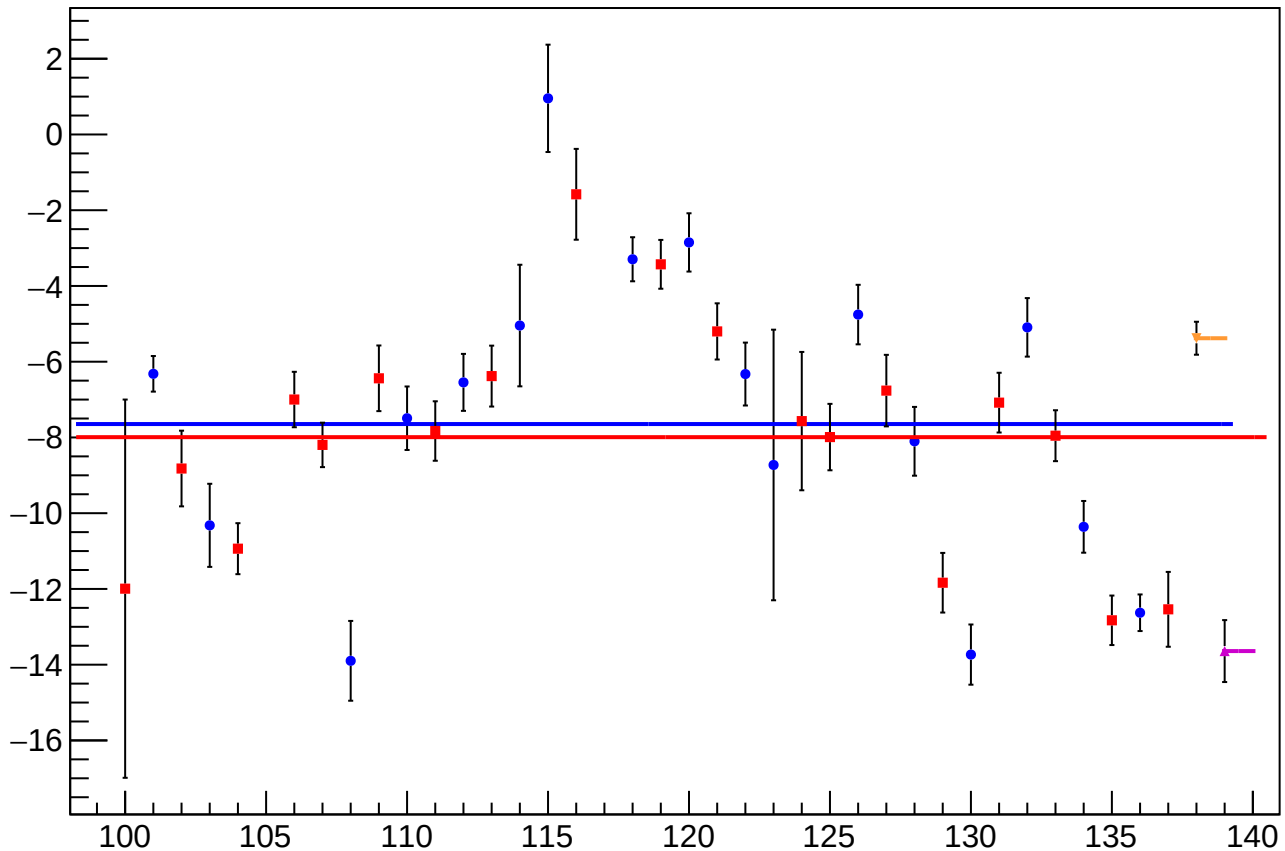
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -25.860 $\pm$ 0.445 χ^2/NDF : 0.0/0

Out: -33.316 $\pm$ 0.460 χ^2/NDF : 0.0/0

All: -29.466 $\pm$ 0.320 χ^2/NDF : 135.6/1

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: -13.641 ± 0.818 χ^2/NDF : 0.0/0

Left: -7.204 ± 0.384 χ^2/NDF : 79.5/1

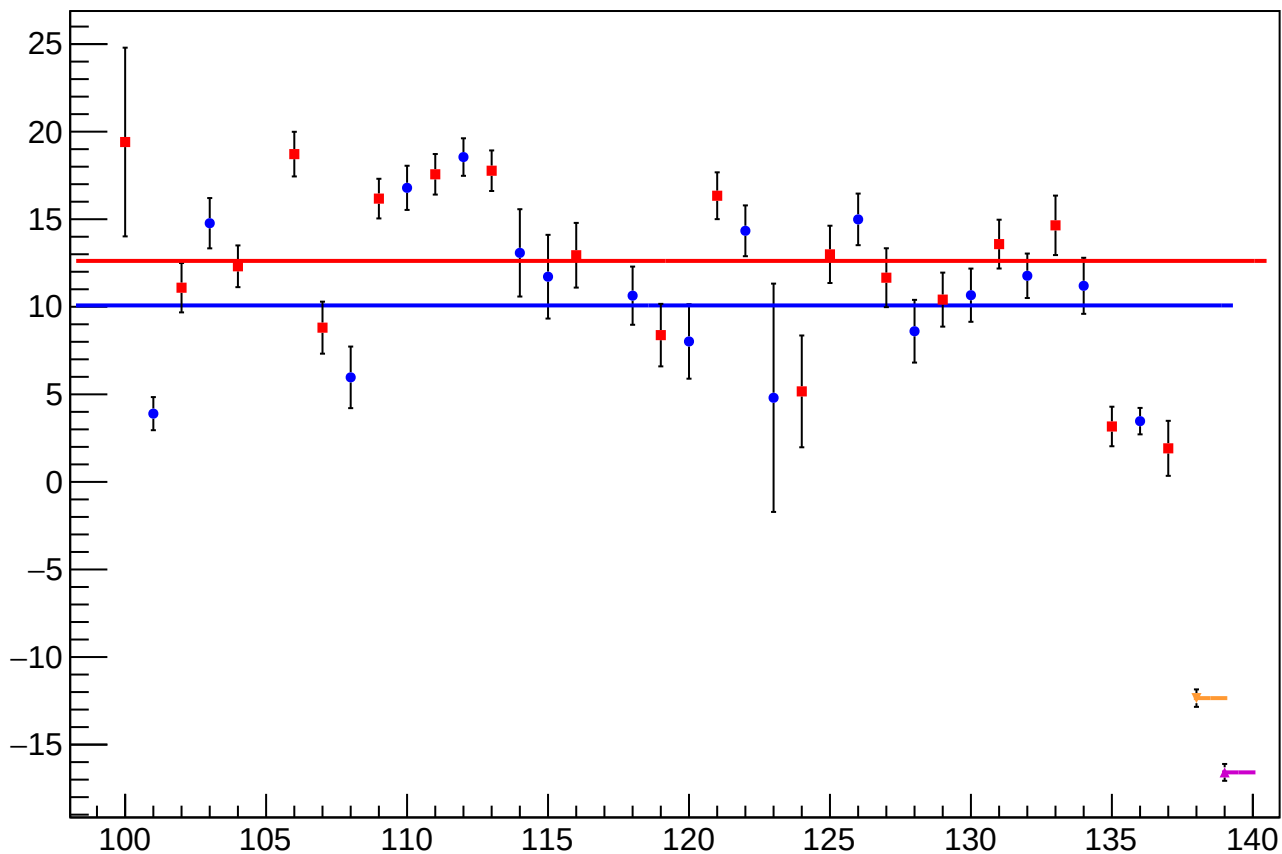
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.940 ± 0.181 χ^2/NDF : 444.7/17

Out: -7.590 ± 0.171 χ^2/NDF : 255.9/19

All: -7.755 ± 0.124 χ^2/NDF : 702.7/37

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: -16.586 ± 0.481 χ^2/NDF : 0.0/0

Left: -14.543 ± 0.346 χ^2/NDF : 37.5/1

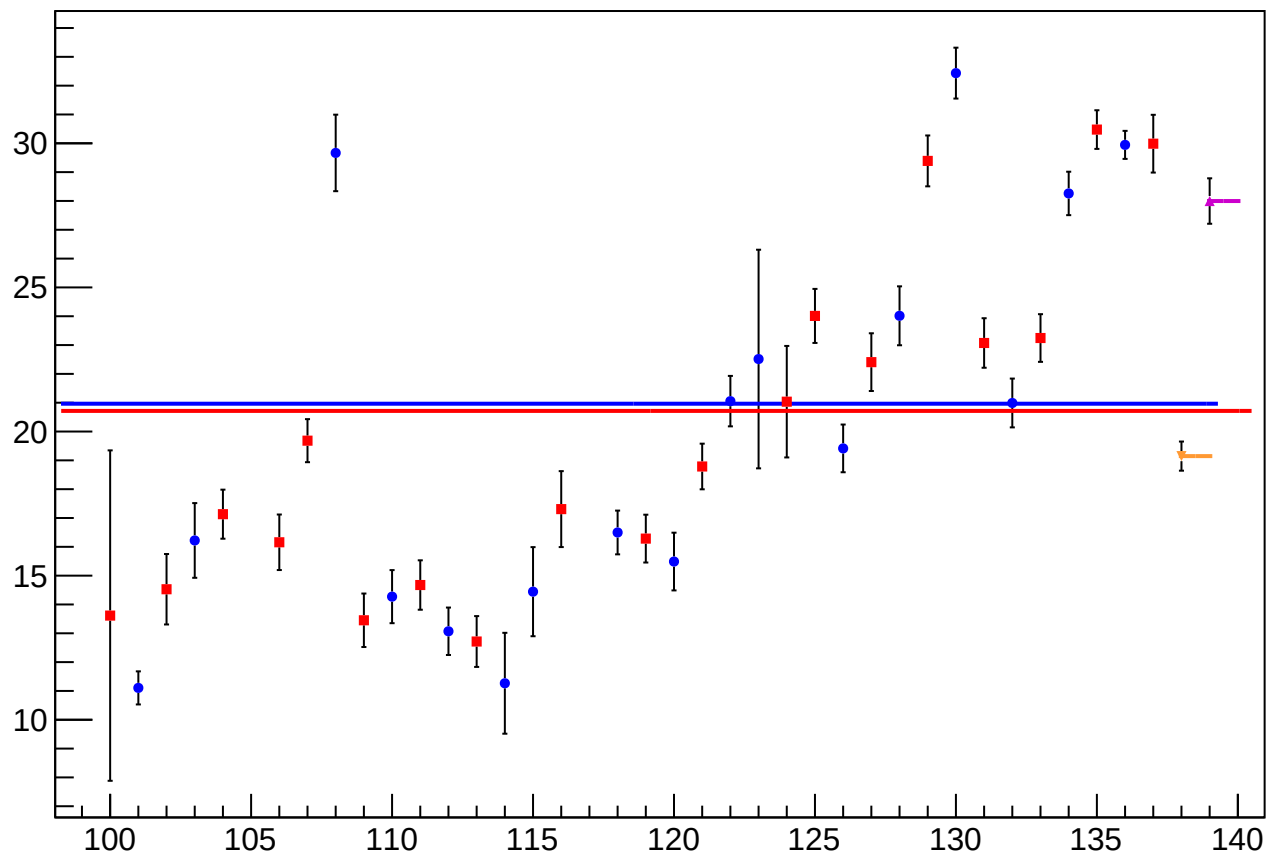
Right: 11.365 ± 0.237 χ^2/NDF : 501.6/35

In: 1.298 ± 0.276 χ^2/NDF : 2316.8/17

Out: 4.933 ± 0.277 χ^2/NDF : 1956.5/19

All: 3.110 ± 0.195 χ^2/NDF : 4359.9/37

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: 27.997 $\pm$ 0.788 χ^2 /NDF:0.0/0

Left: 21.726 $\pm$ 0.426 χ^2 /NDF: 89.3/1

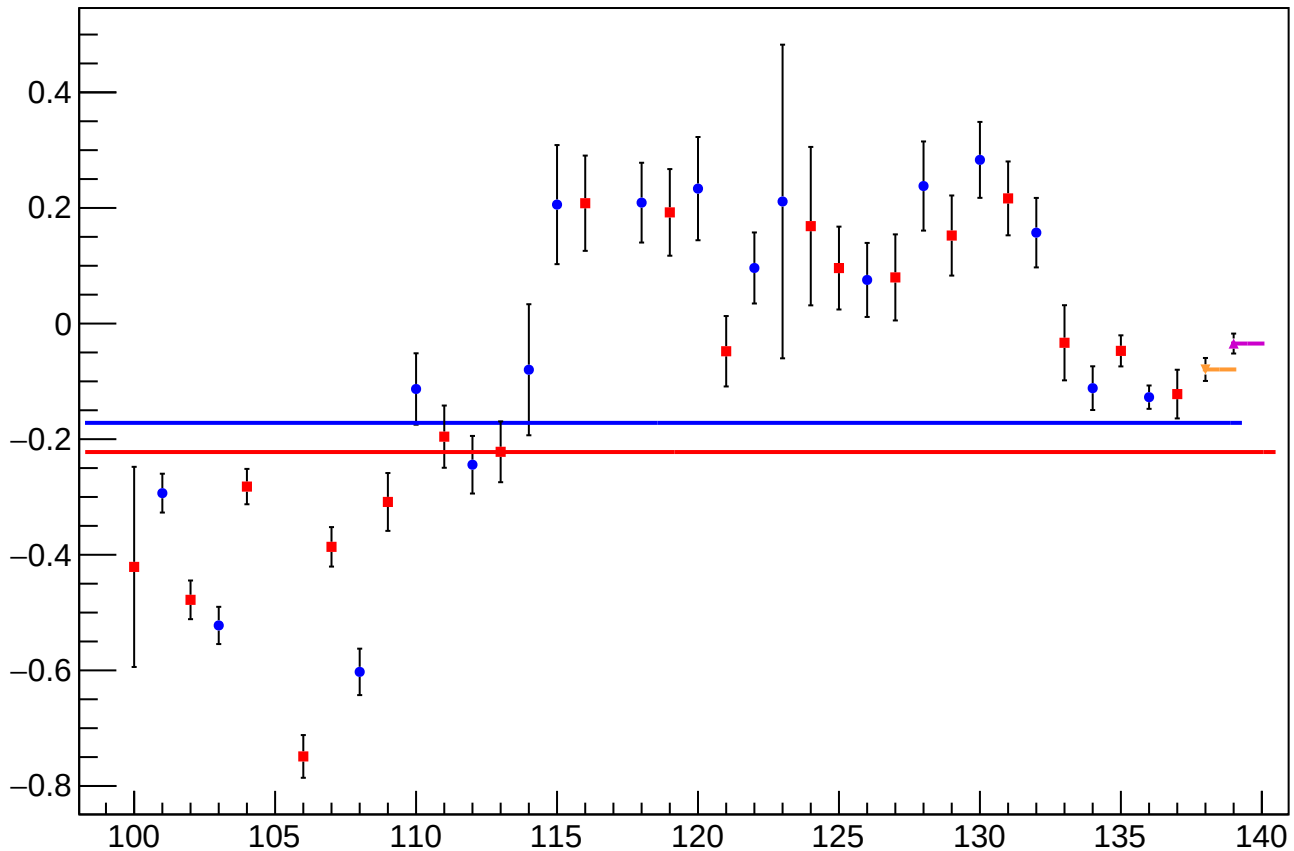
Right: 20.842 $\pm$ 0.149 χ^2 /NDF: 1956.1/35

In: 21.429 $\pm$ 0.202 χ^2 /NDF:1299.8/17

Out: 20.480 $\pm$ 0.196 χ^2 /NDF:738.1/19

All: 20.939 $\pm$ 0.141 χ^2 /NDF: 2049.2/37

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: -0.035 ± 0.017 χ^2/NDF : 0.0/0

Left: -0.054 ± 0.013 χ^2/NDF : 2.9/1

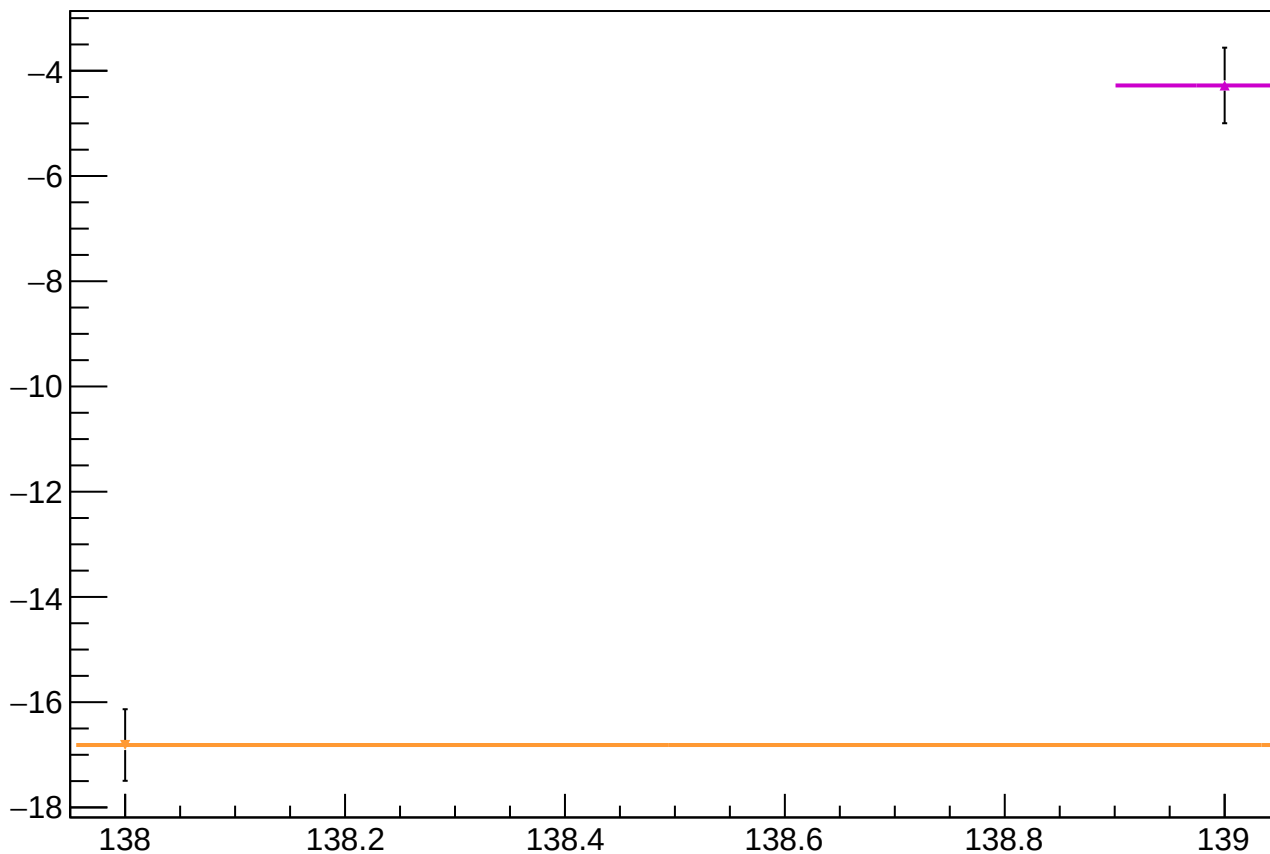
Right: -0.198 ± 0.008 χ^2/NDF : 1010.7/35

In: -0.131 ± 0.009 χ^2/NDF : 508.8/17

Out: -0.189 ± 0.010 χ^2/NDF : 575.7/19

All: -0.159 ± 0.007 χ^2/NDF : 1103.1/37

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: -4.279+/-0.718 χ^2/NDF : 0.0/0

Left: -10.887+/-0.494 χ^2/NDF : 160.6/1

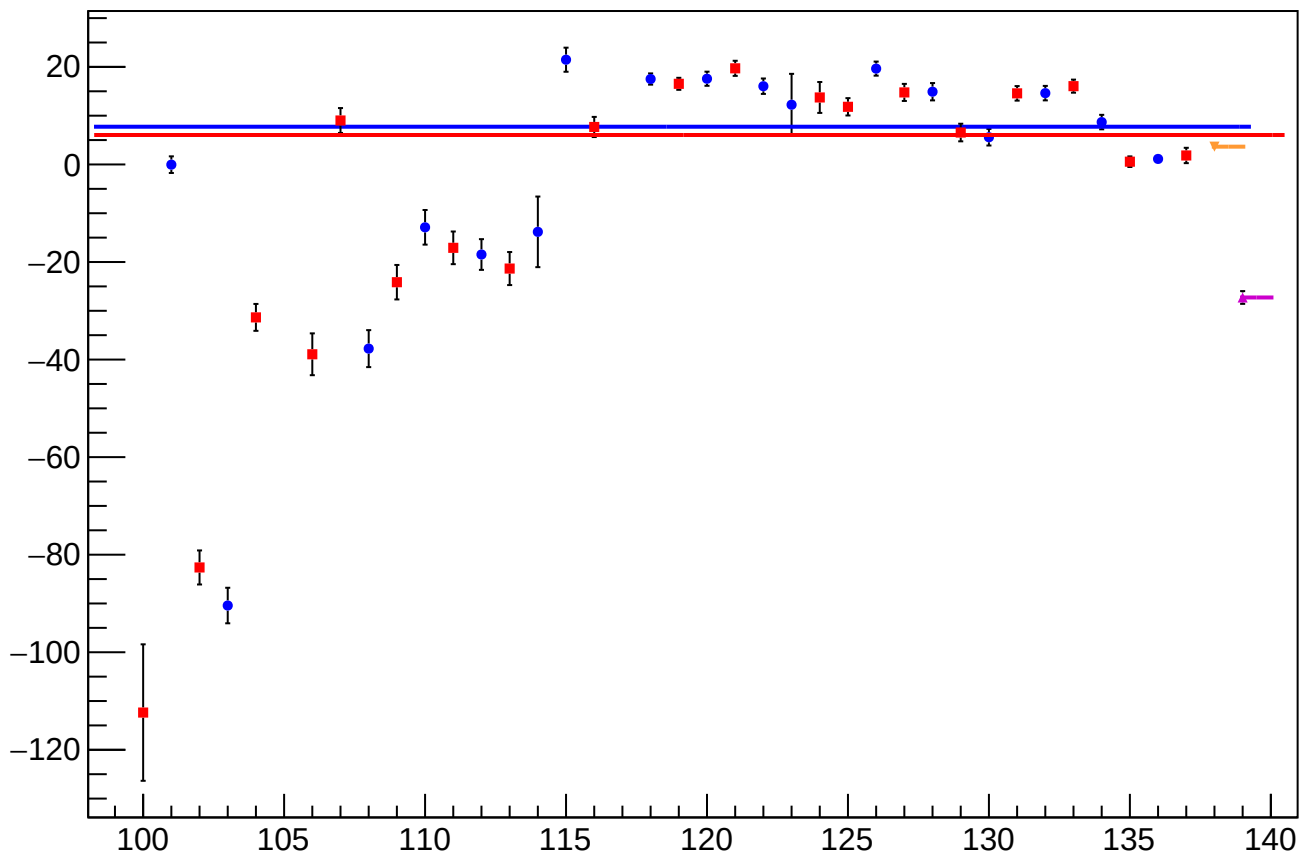
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.279+/-0.718 χ^2/NDF : 0.0/0

Out: -16.814+/-0.680 χ^2/NDF : 0.0/0

All: -10.887+/-0.494 χ^2/NDF : 160.6/1

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 3.648 ± 0.650 χ^2/NDF : 0.0/0

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

Left In: -27.271 ± 1.307 χ^2/NDF : 0.0/0

Left: -2.476 ± 0.582 χ^2/NDF : 448.7/1

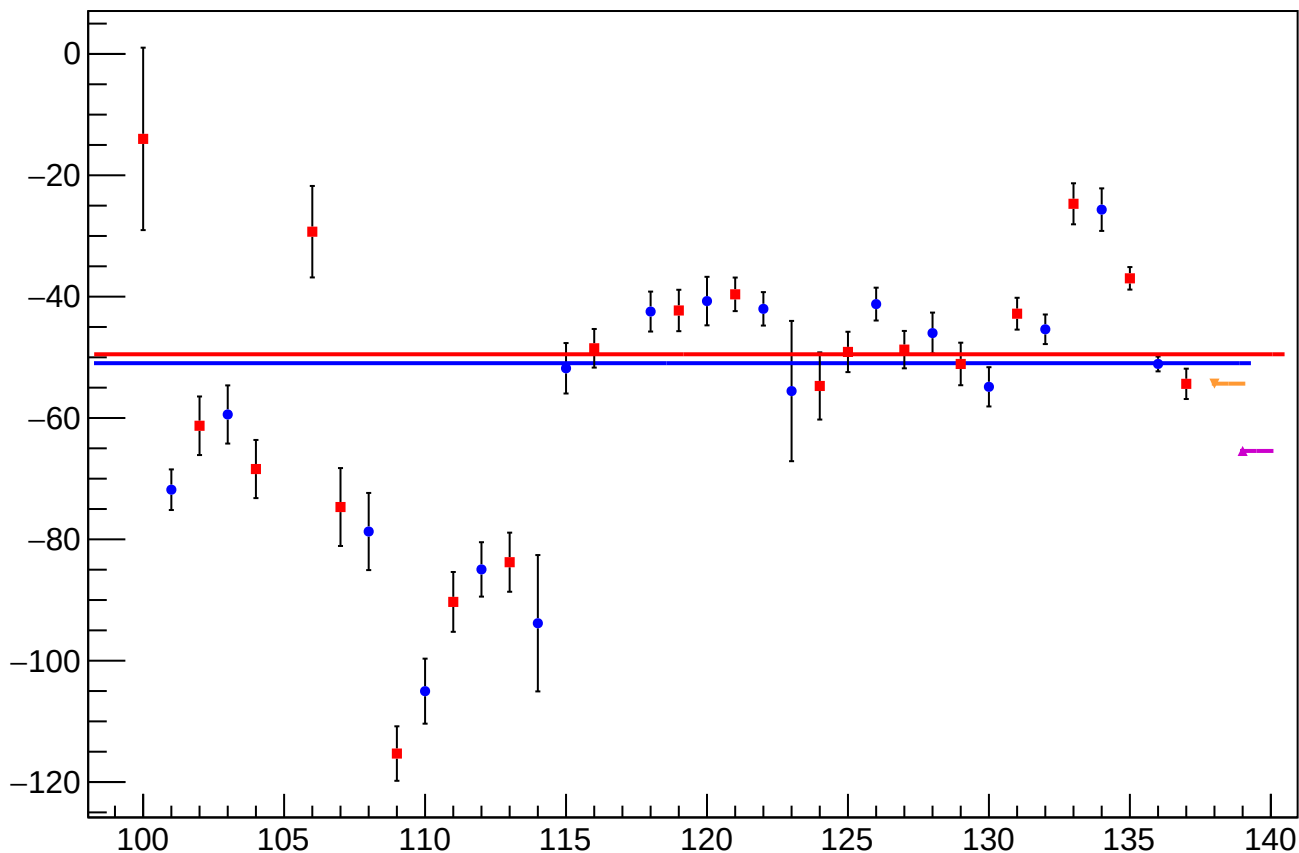
Right: 6.952 ± 0.295 χ^2/NDF : 2878.8/35

In: 4.703 ± 0.385 χ^2/NDF : 2013.5/17

Out: 5.301 ± 0.361 χ^2/NDF : 1521.5/19

All: 5.021 ± 0.263 χ^2/NDF : 3536.3/37

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: -65.430 ± 0.776 χ^2/NDF : 0.0/0

Left: -59.596 ± 0.535 χ^2/NDF : 107.3/1

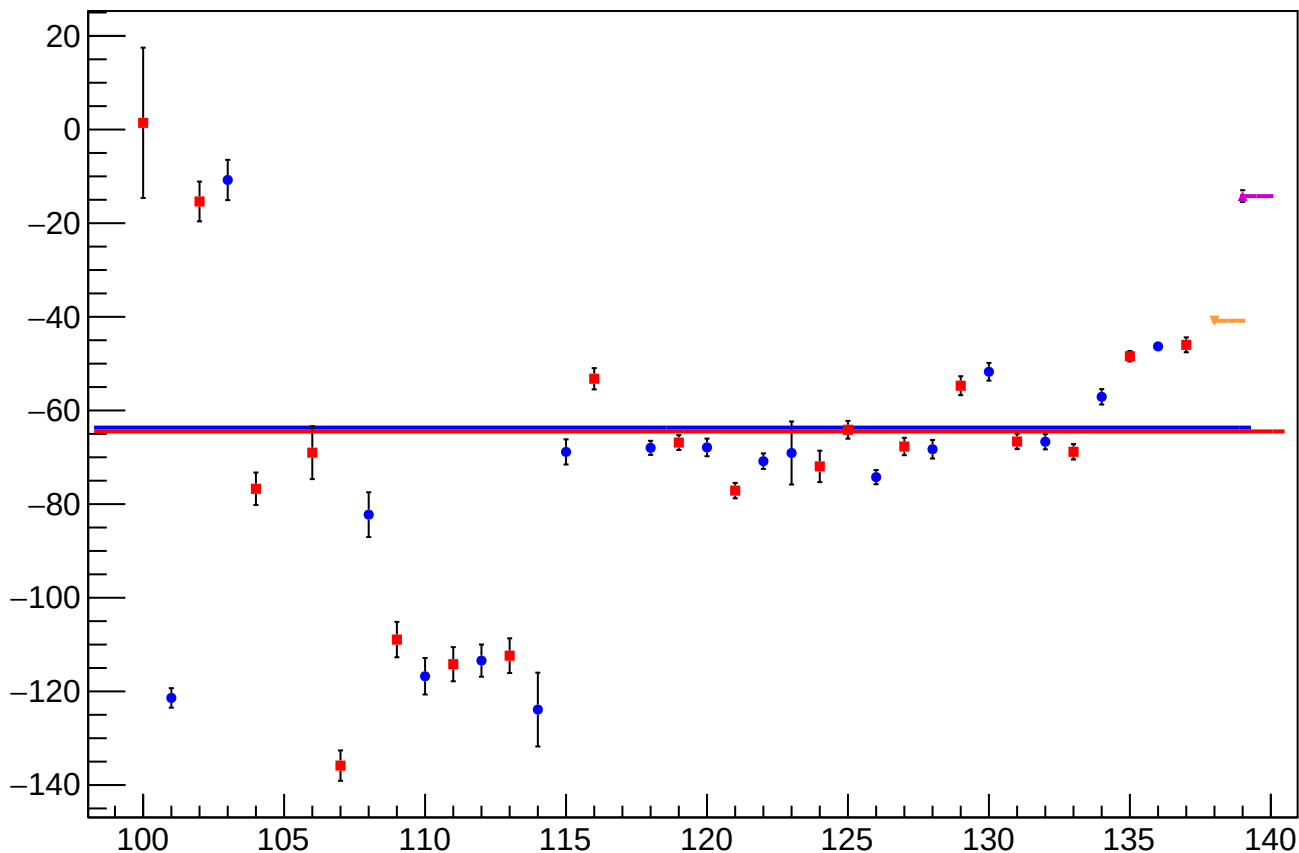
Right: -50.288 ± 0.541 χ^2/NDF : 844.9/35

In: -57.828 ± 0.535 χ^2/NDF : 515.0/17

Out: -52.107 ± 0.541 χ^2/NDF : 530.3/19

All: -55.002 ± 0.380 χ^2/NDF : 1101.8/37

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: -14.219 $\pm$ 1.260 χ^2 /NDF: 0.0/0

Left: -33.831 $\pm$ 0.646 χ^2 /NDF: 329.0/1

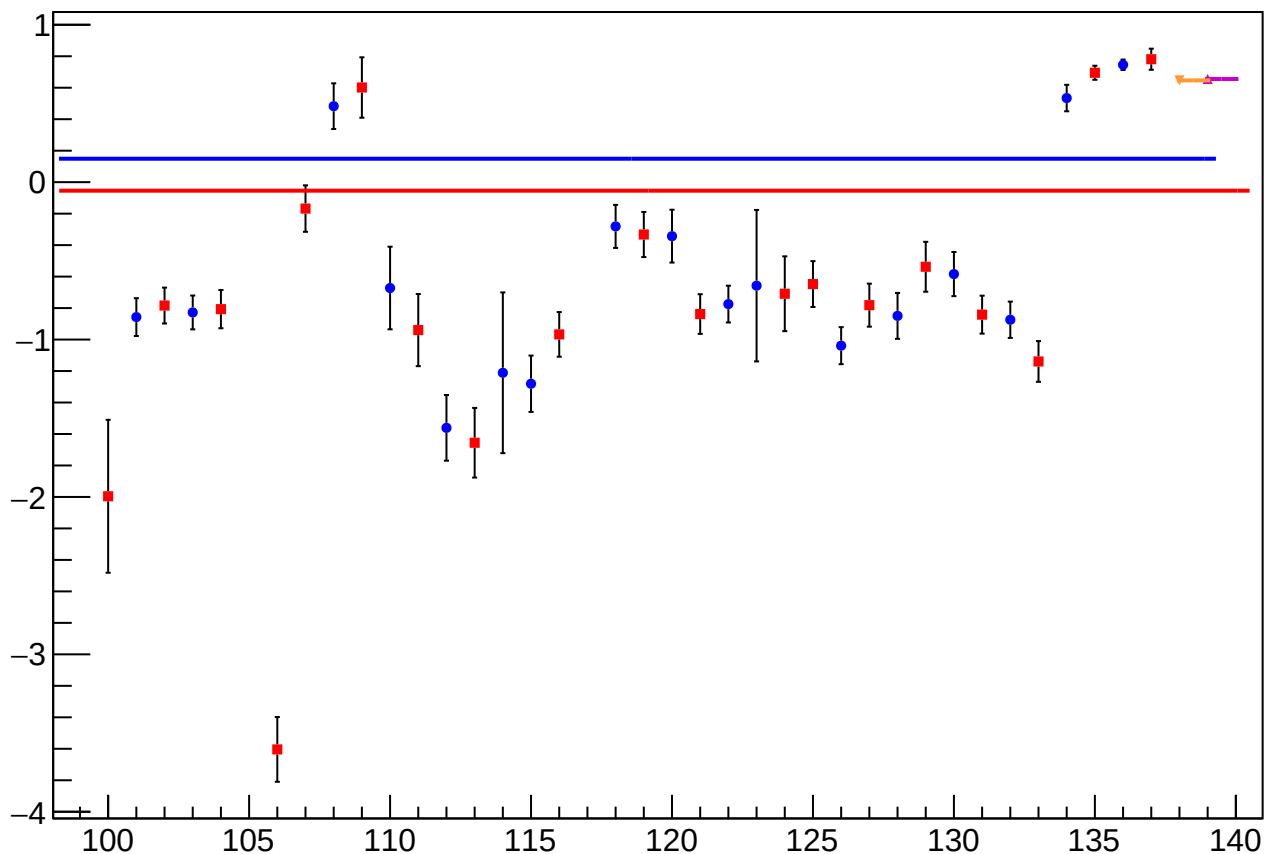
Right: -64.030 $\pm$ 0.327 χ^2 /NDF: 3623.1/35

In: -58.162 $\pm$ 0.420 χ^2 /NDF: 3384.1/17

Out: -57.585 $\pm$ 0.406 χ^2 /NDF: 2305.9/19

All: -57.864 $\pm$ 0.292 χ^2 /NDF: 5691.0/37

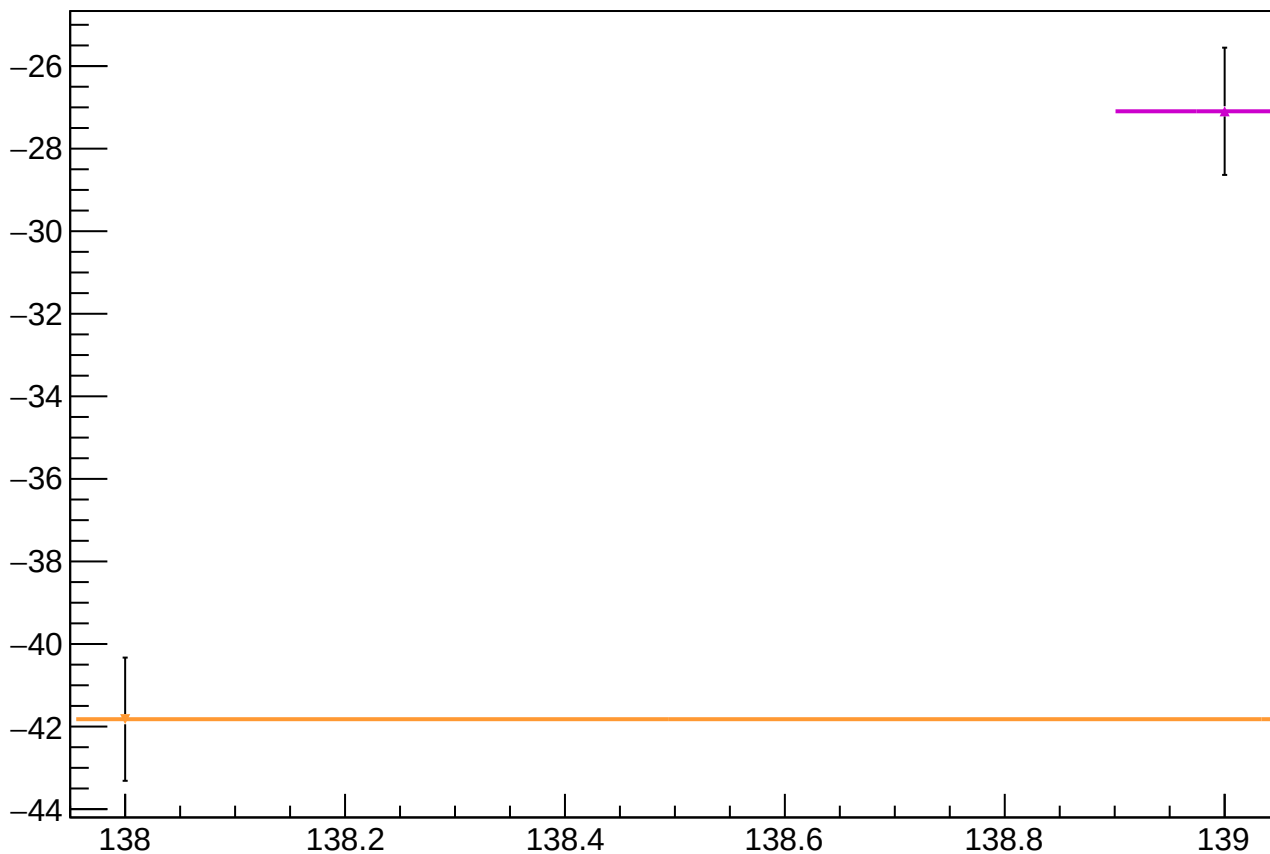
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 ± 0.024 $\chi^2/\text{NDF}: 989.9/16$
 Left Out: 0.647 ± 0.029 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.054 ± 0.026 $\chi^2/\text{NDF}: 1167.9/18$
 Left In: 0.655 ± 0.028 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.651 ± 0.020 $\chi^2/\text{NDF}: 0.0/1$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2190.5/35$
 In: 0.367 ± 0.018 $\chi^2/\text{NDF}: 1182.3/17$
 Out: 0.256 ± 0.020 $\chi^2/\text{NDF}: 1484.5/19$
 All: 0.316 ± 0.013 $\chi^2/\text{NDF}: 2684.1/37$

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: -27.095+/-1.541 χ^2/NDF : 0.0/0

Left: -34.696+/-1.072 χ^2/NDF : 47.1/1

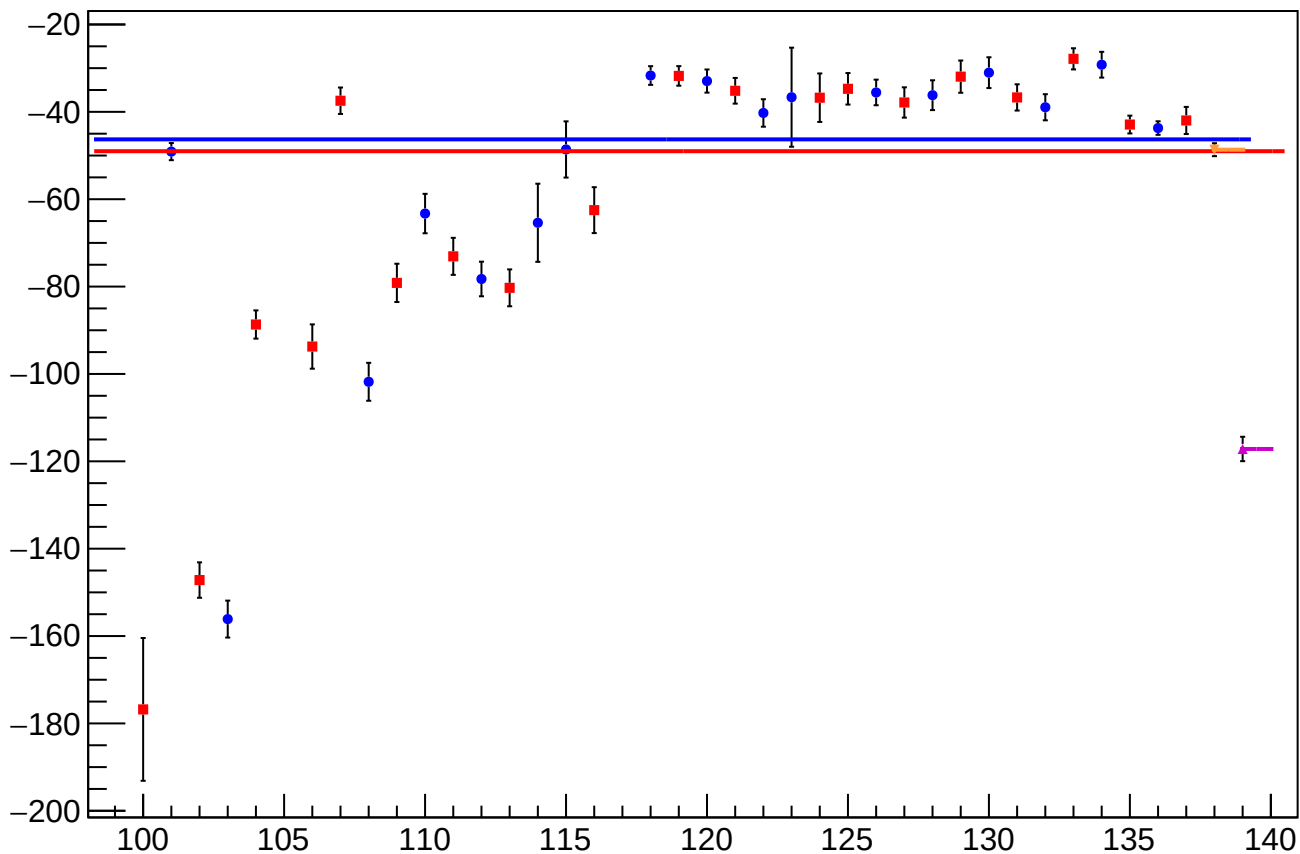
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.095+/-1.541 χ^2/NDF : 0.0/0

Out: -41.821+/-1.492 χ^2/NDF : 0.0/0

All: -34.696+/-1.072 χ^2/NDF : 47.1/1

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300 $\pm$ 0.723 χ^2 /NDF: 1084.0/16

Left Out: -48.663 $\pm$ 1.485 χ^2 /NDF: 0.0/0

Right Out: -49.008 $\pm$ 0.764 χ^2 /NDF: 1271.7/18

Left In: -117.175 $\pm$ 2.792 χ^2 /NDF: 0.0/0

Left: -63.778 $\pm$ 1.311 χ^2 /NDF: 469.3/1

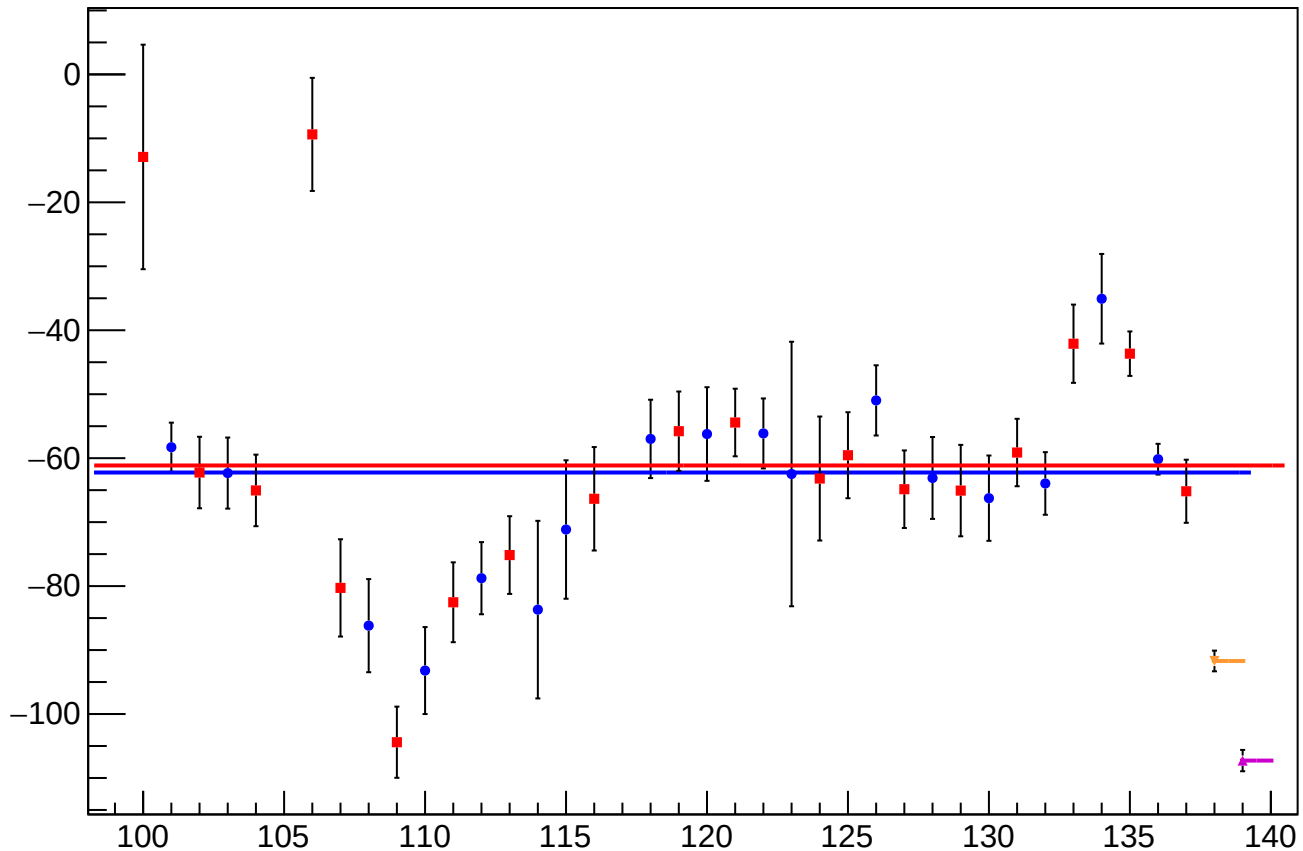
Right: -47.580 $\pm$ 0.525 χ^2 /NDF: 2362.3/35

In: -50.751 $\pm$ 0.700 χ^2 /NDF: 1688.0/17

Out: -48.936 $\pm$ 0.679 χ^2 /NDF: 1271.7/19

All: -49.817 $\pm$ 0.487 χ^2 /NDF: 2963.1/37

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: -107.280 ± 1.668 χ^2/NDF : 0.0/0

Left: -99.259 ± 1.161 χ^2/NDF : 44.9/1

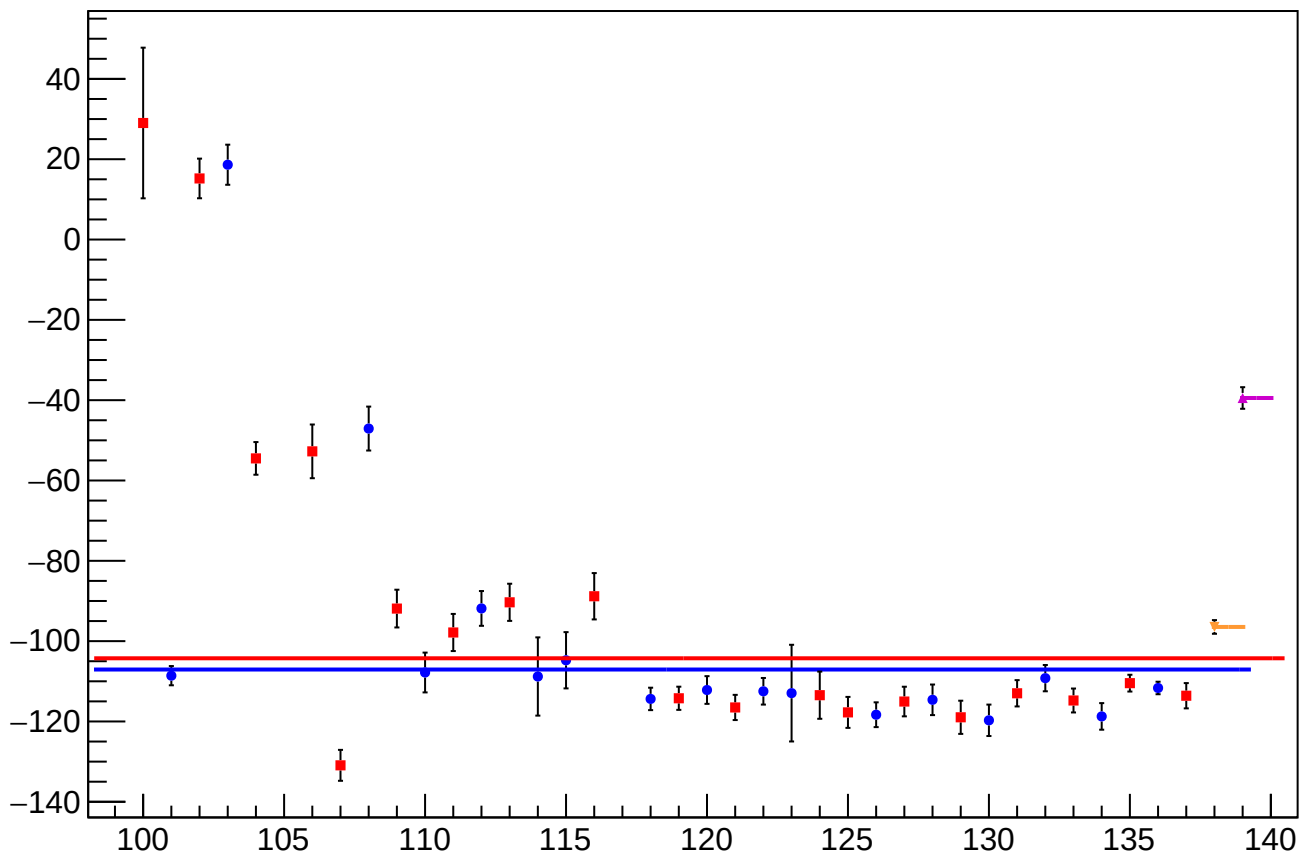
Right: -61.720 ± 0.950 χ^2/NDF : 233.3/35

In: -79.432 ± 1.030 χ^2/NDF : 518.4/17

Out: -74.008 ± 1.050 χ^2/NDF : 372.2/19

All: -76.770 ± 0.735 χ^2/NDF : 904.3/37

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: -39.455 ± 2.689 χ^2/NDF : 0.0/0

Left: -80.149 ± 1.439 χ^2/NDF : 320.8/1

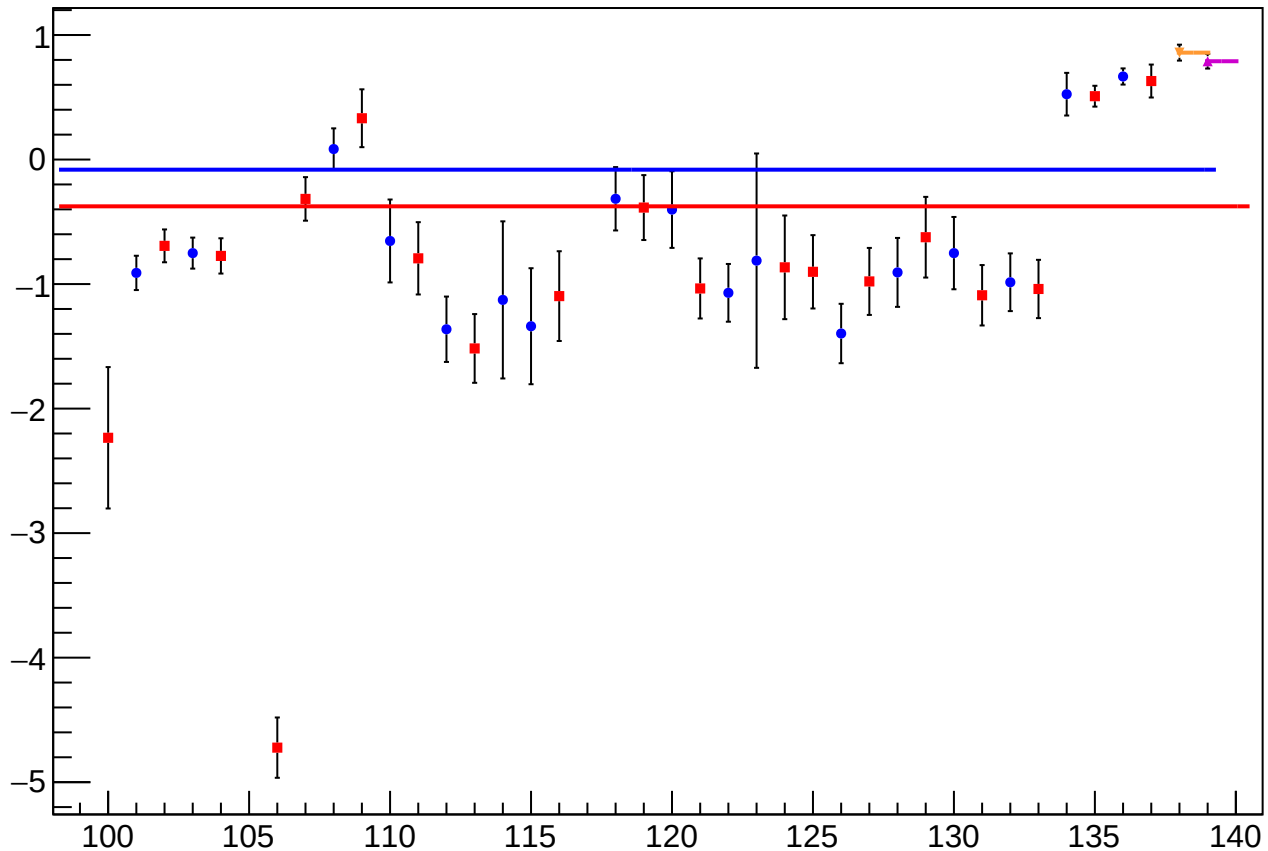
Right: -105.751 ± 0.590 χ^2/NDF : 1852.6/35

In: -101.426 ± 0.777 χ^2/NDF : 1407.8/17

Out: -102.680 ± 0.768 χ^2/NDF : 1035.4/19

All: -102.060 ± 0.546 χ^2/NDF : 2444.5/37

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: 0.789 ± 0.059 χ^2/NDF : 0.0/0

Left: 0.821 ± 0.043 χ^2/NDF : 0.6/1

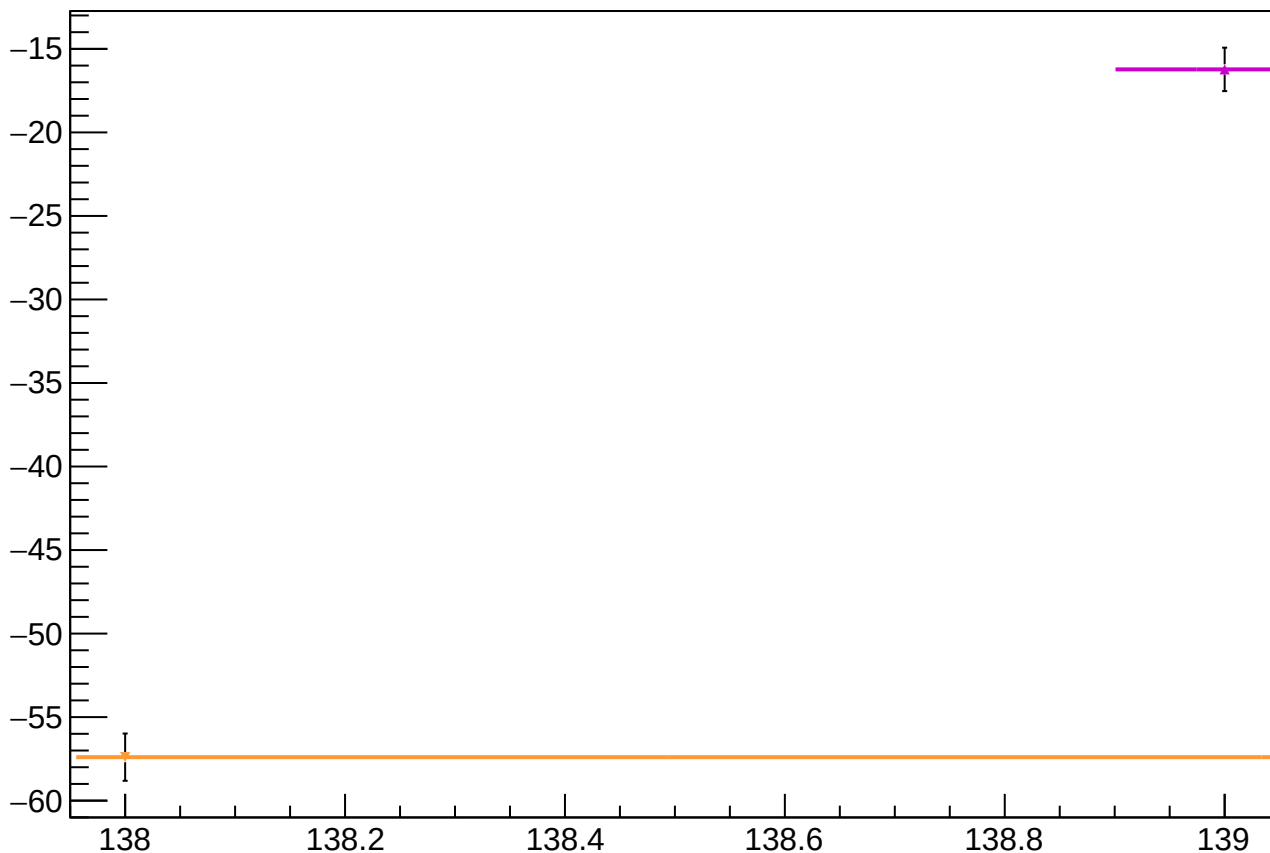
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: 0.214 ± 0.034 χ^2/NDF : 473.5/17

Out: 0.020 ± 0.036 χ^2/NDF : 836.3/19

All: 0.122 ± 0.025 χ^2/NDF : 1324.9/37

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -57.398+/-1.415 χ^2 /NDF:0.0/0

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

Left In: -16.228+/-1.300 χ^2 /NDF:0.0/0

Left: -35.078+/-0.957 χ^2 /NDF: 459.1/1

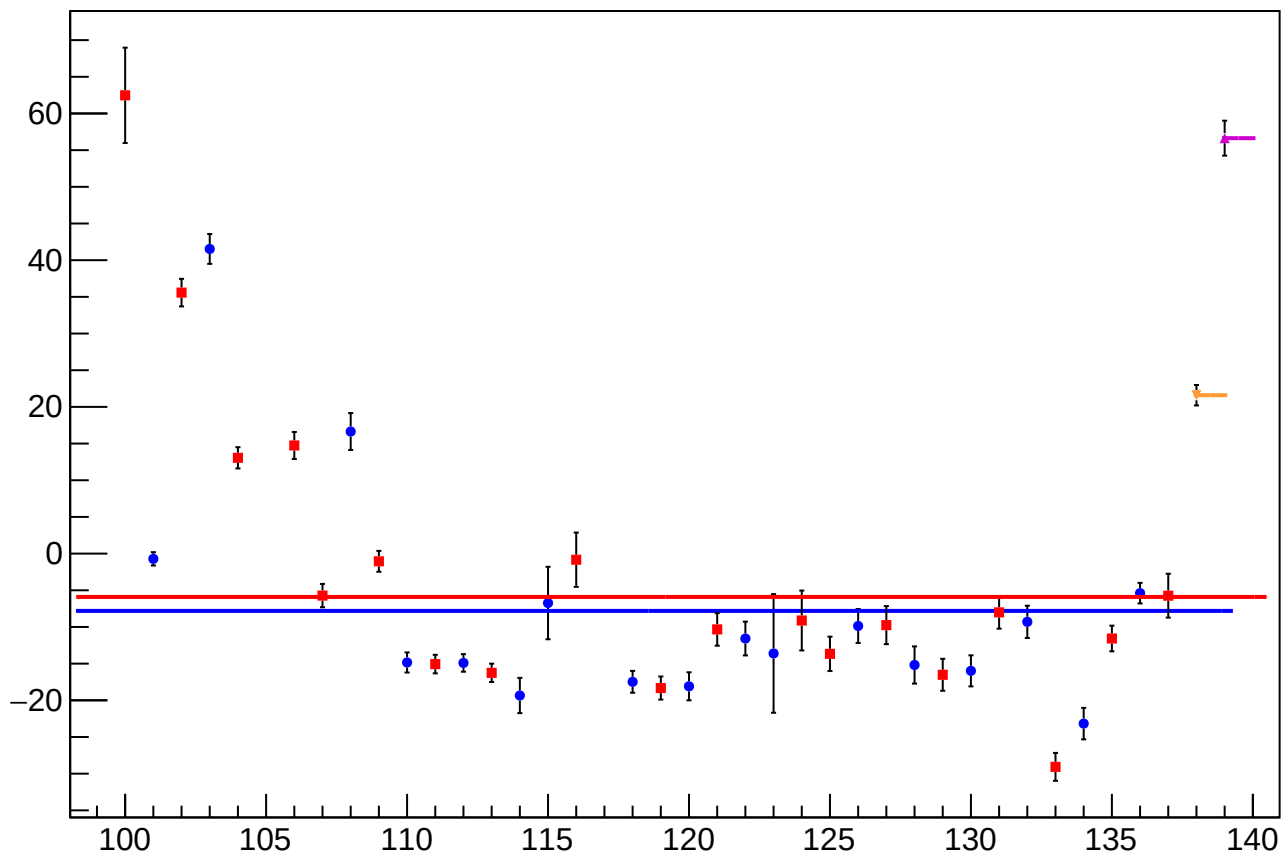
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -16.228+/-1.300 χ^2 /NDF:0.0/0

Out: -57.398+/-1.415 χ^2 /NDF:0.0/0

All: -35.078+/-0.957 χ^2 /NDF: 459.1/1

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: 56.635 ± 2.381 χ^2/NDF : 0.0/0

Left: 30.541 ± 1.203 χ^2/NDF : 161.3/1

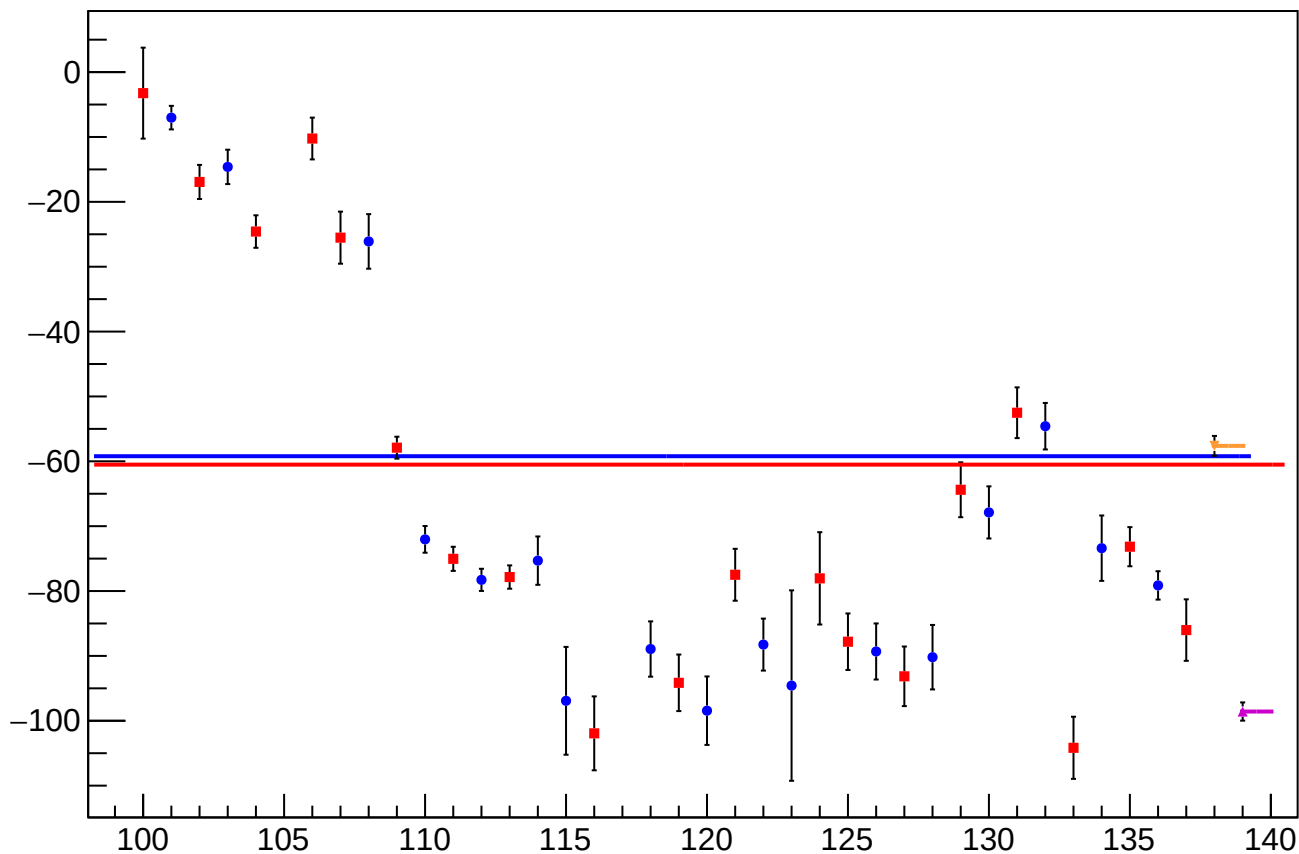
Right: -6.864 ± 0.303 χ^2/NDF : 2285.7/35

In: -5.801 ± 0.421 χ^2/NDF : 1692.8/17

Out: -3.528 ± 0.410 χ^2/NDF : 1648.6/19

All: -4.636 ± 0.294 χ^2/NDF : 3356.3/37

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: -98.575 $\pm$ 1.404 χ^2 /NDF:0.0/0

Left: -79.893 $\pm$ 1.036 χ^2 /NDF: 388.0/1

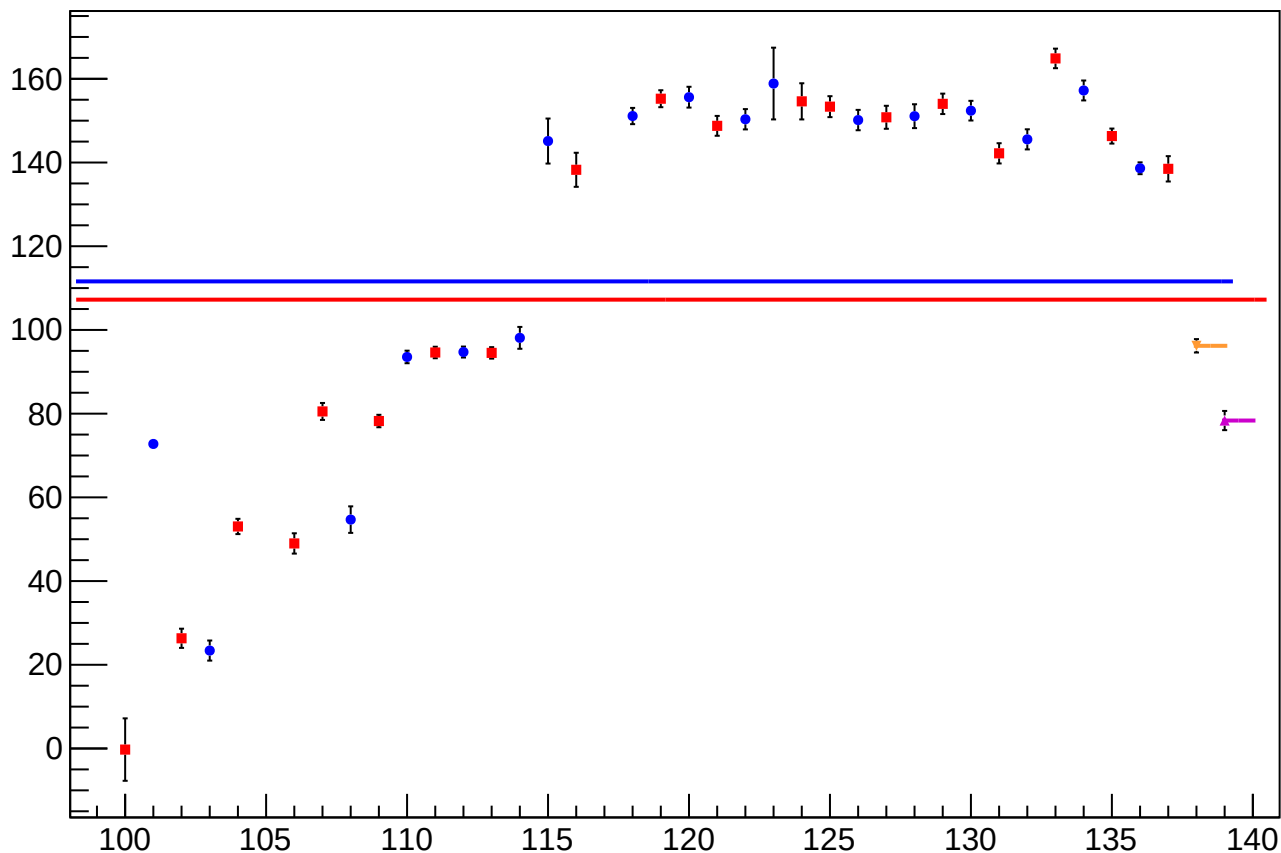
Right: -59.899 $\pm$ 0.511 χ^2 /NDF: 3105.9/35

In: -67.837 $\pm$ 0.657 χ^2 /NDF:2334.0/17

Out: -60.009 $\pm$ 0.640 χ^2 /NDF:1386.8/19

All: -63.818 $\pm$ 0.459 χ^2 /NDF: 3793.6/37

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: 78.355 $\pm$ 2.295 χ^2 /NDF:0.0/0

Left: 90.355 $\pm$ 1.314 χ^2 /NDF: 40.7/1

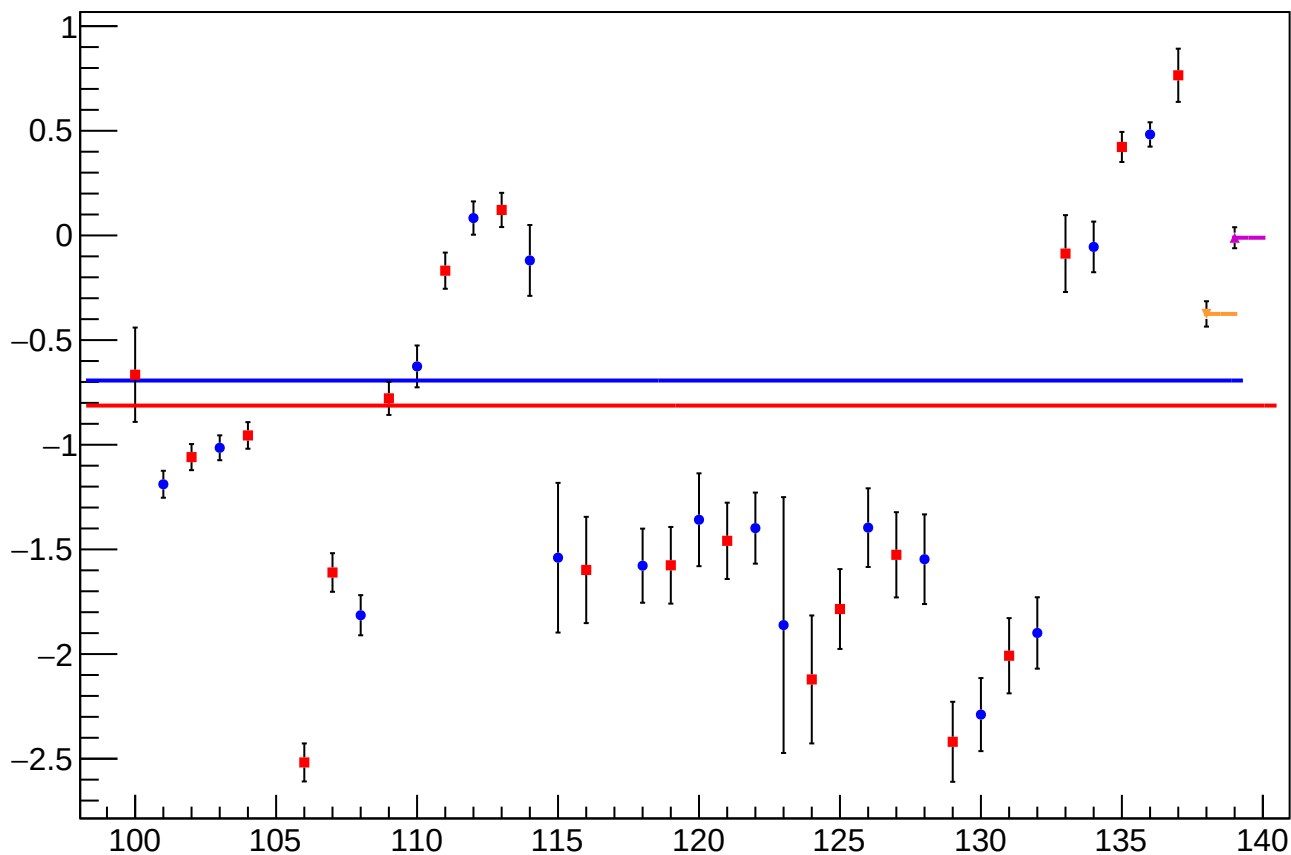
Right: 109.423 $\pm$ 0.344 χ^2 /NDF: 13037.0/35

In: 110.169 $\pm$ 0.476 χ^2 /NDF:6160.3/17

Out: 106.303 $\pm$ 0.467 χ^2 /NDF:7080.8/19

All: 108.197 $\pm$ 0.333 χ^2 /NDF: 13274.7/37

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: -0.011 ± 0.050 χ^2/NDF : 0.0/0

Left: -0.159 ± 0.039 χ^2/NDF : 21.4/1

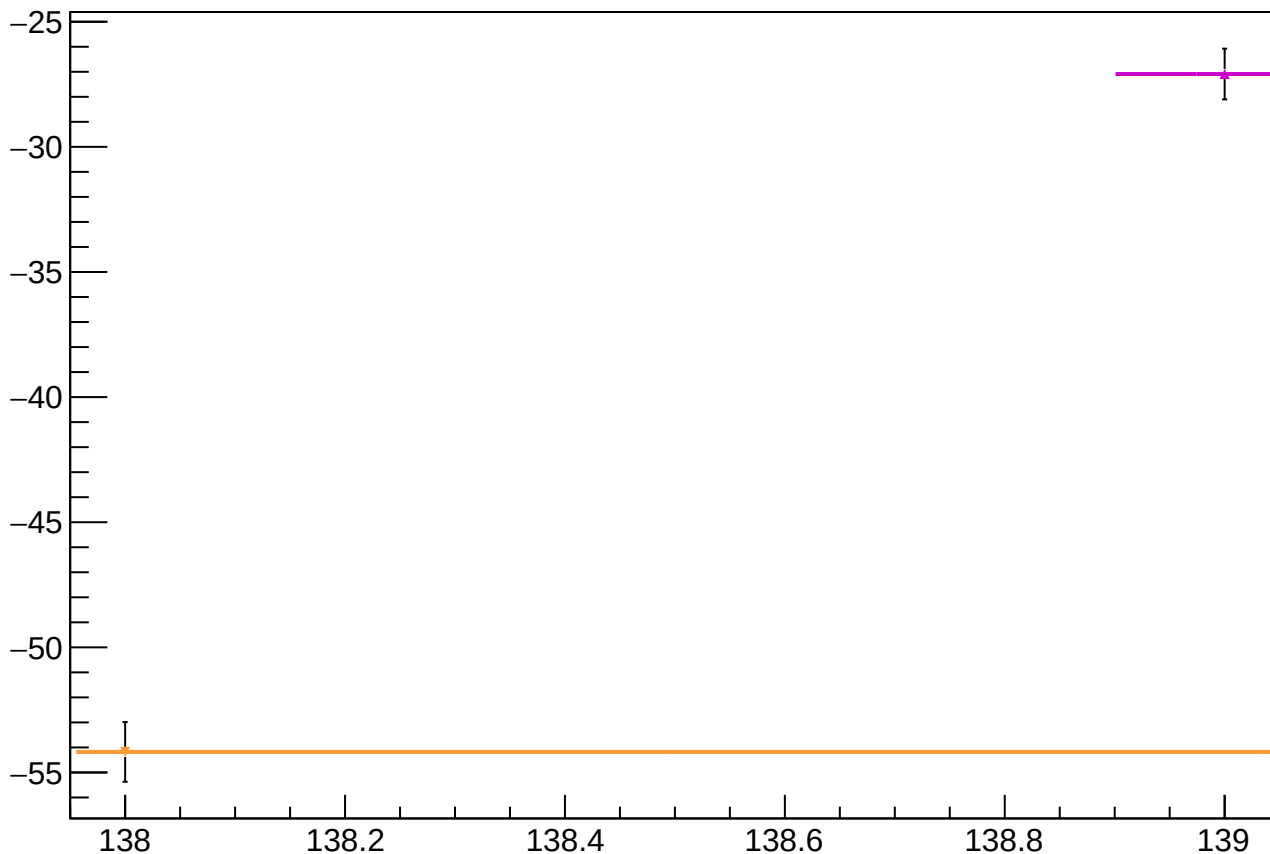
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.551 ± 0.023 χ^2/NDF : 1139.2/17

Out: -0.752 ± 0.023 χ^2/NDF : 1355.7/19

All: -0.653 ± 0.016 χ^2/NDF : 2533.9/37

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: -27.090+/-1.014 χ^2/NDF : 0.0/0

Left: -38.442+/-0.773 χ^2/NDF : 299.3/1

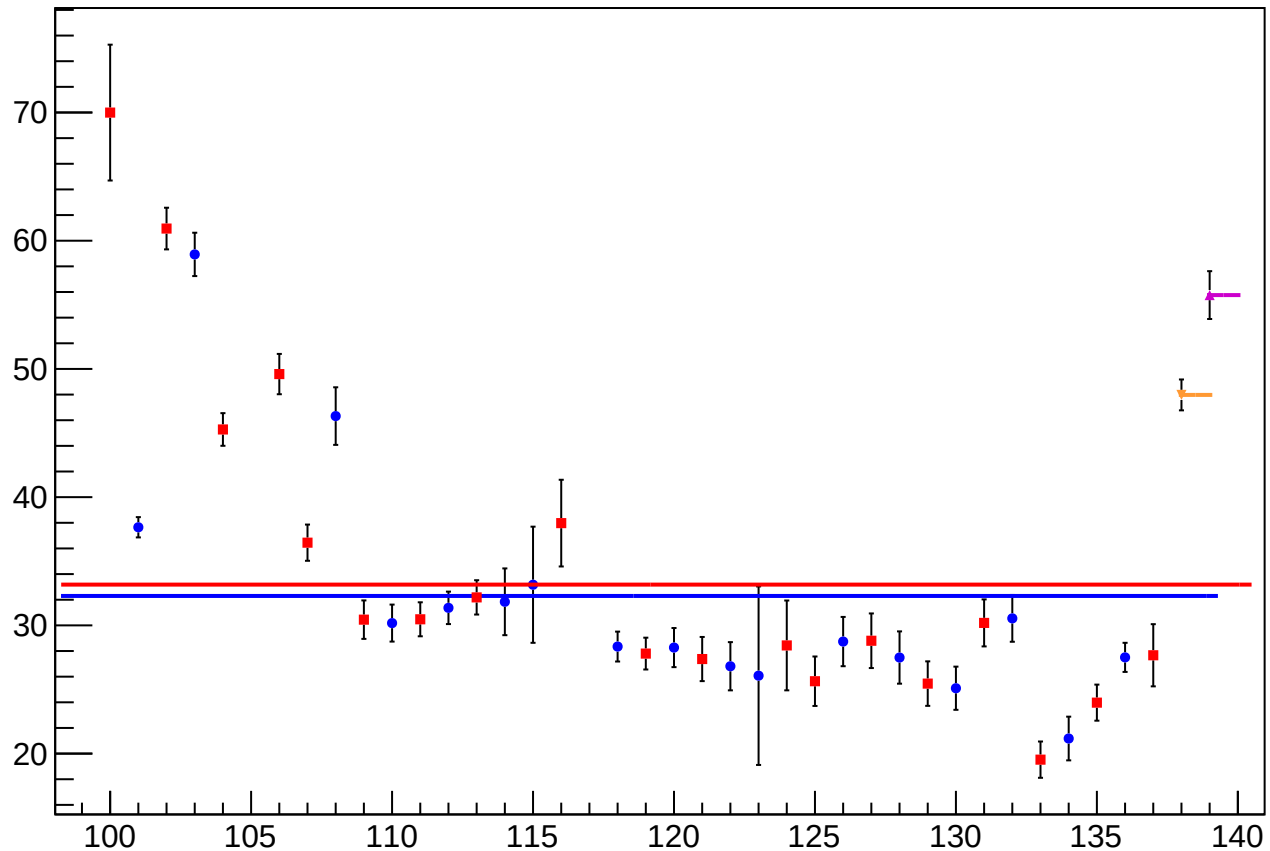
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.090+/-1.014 χ^2/NDF : 0.0/0

Out: -54.179+/-1.194 χ^2/NDF : 0.0/0

All: -38.442+/-0.773 χ^2/NDF : 299.3/1

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295 $\pm$ 0.373 χ^2 /NDF: 452.2/16

Left Out: 47.974 $\pm$ 1.204 χ^2 /NDF:0.0/0

Right Out: 33.180 $\pm$ 0.379 χ^2 /NDF: 770.3/18

Left In: 55.759 $\pm$ 1.865 χ^2 /NDF:0.0/0

Left: 50.265 $\pm$ 1.012 χ^2 /NDF: 12.3/1

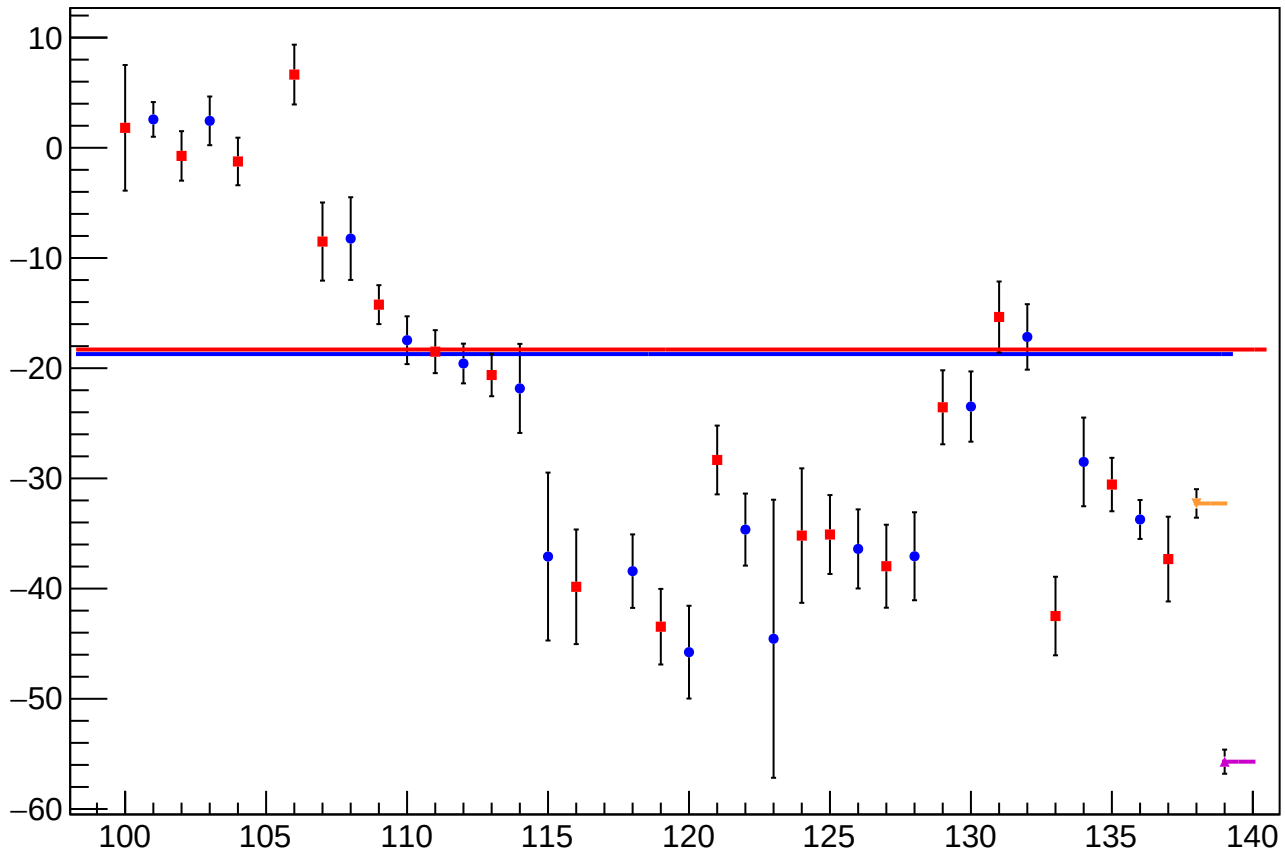
Right: 32.730 $\pm$ 0.266 χ^2 /NDF: 1225.3/35

In: 33.196 $\pm$ 0.365 χ^2 /NDF:604.4/17

Out: 34.513 $\pm$ 0.362 χ^2 /NDF:907.5/19

All: 33.861 $\pm$ 0.257 χ^2 /NDF: 1518.5/37

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: -55.707 ± 1.094 χ^2/NDF : 0.0/0

Left: -45.938 ± 0.835 χ^2/NDF : 191.3/1

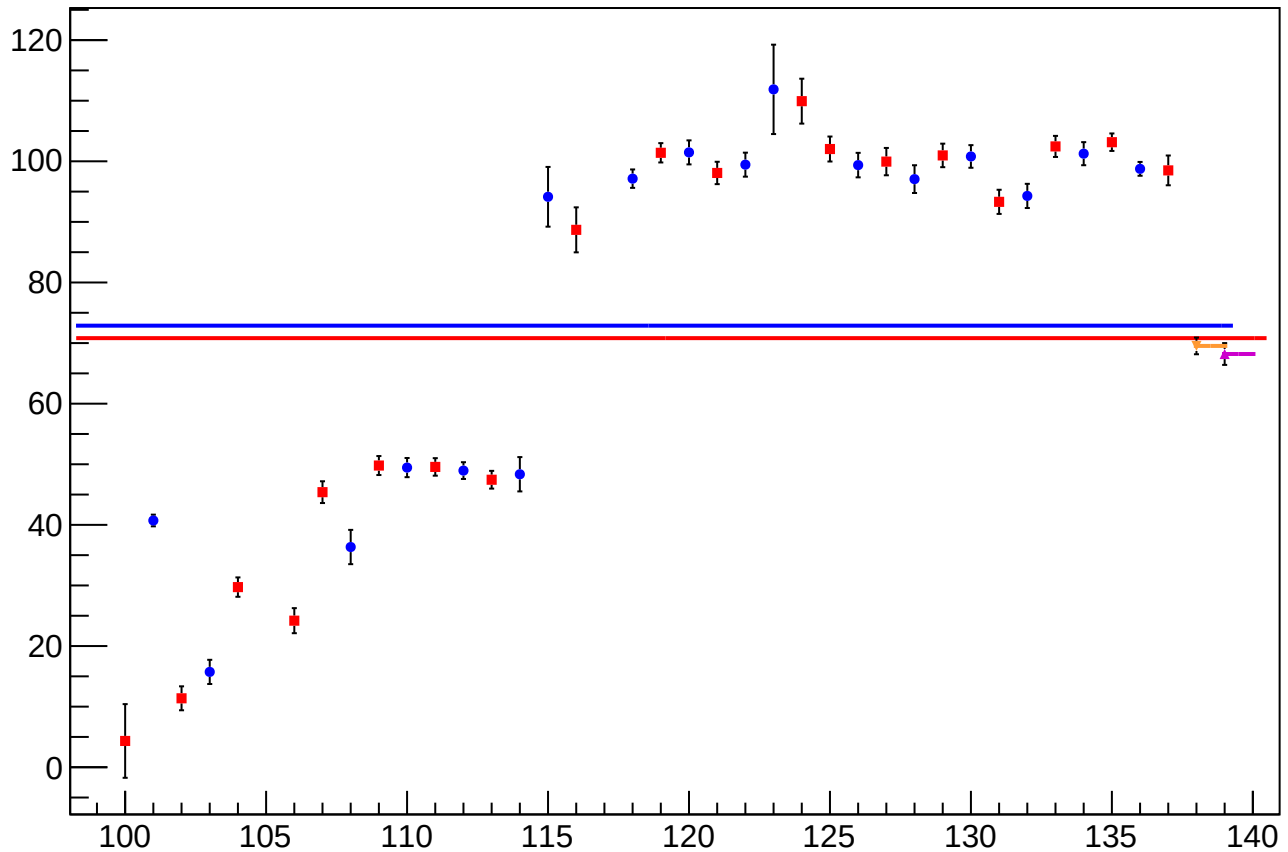
Right: -18.506 ± 0.463 χ^2/NDF : 992.4/35

In: -28.708 ± 0.568 χ^2/NDF : 1354.0/17

Out: -21.076 ± 0.576 χ^2/NDF : 566.0/19

All: -24.943 ± 0.405 χ^2/NDF : 2008.9/37

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: 68.198+/-1.799 χ^2/NDF : 0.0/0

Left: 69.039+/-1.093 χ^2/NDF : 0.3/1

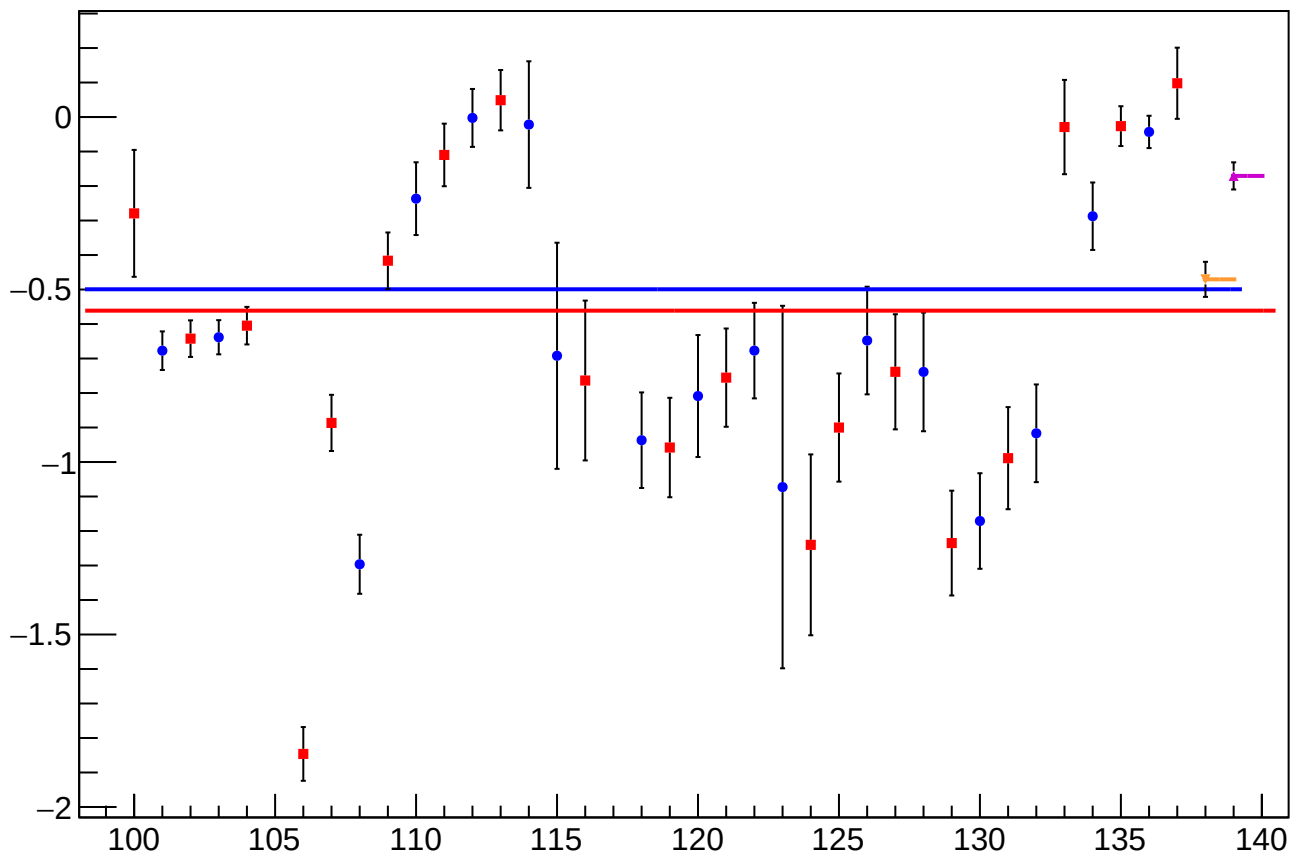
Right: 71.863+/-0.304 χ^2/NDF : 10238.7/35

In: 72.627+/-0.414 χ^2/NDF : 4744.3/17

Out: 70.699+/-0.413 χ^2/NDF : 5490.1/19

All: 71.661+/-0.293 χ^2/NDF : 10245.3/37

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: -0.171 ± 0.039 χ^2/NDF : 0.0/0

Left: -0.283 ± 0.031 χ^2/NDF : 21.8/1

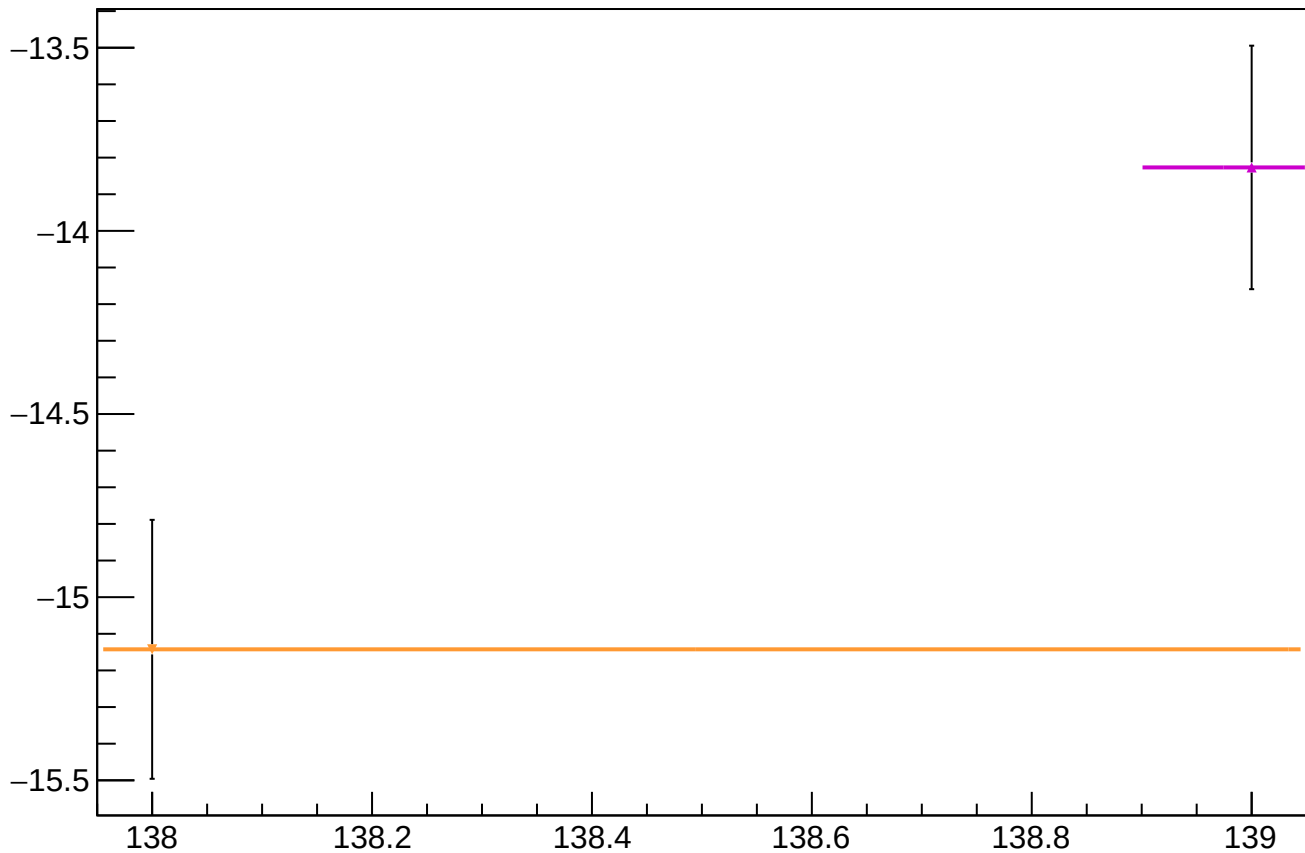
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.419 ± 0.019 χ^2/NDF : 356.3/17

Out: -0.548 ± 0.020 χ^2/NDF : 565.1/19

All: -0.482 ± 0.014 χ^2/NDF : 942.8/37

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: -13.827+/-0.332 χ^2/NDF : 0.0/0

Left: -14.444+/-0.242 χ^2/NDF : 7.4/1

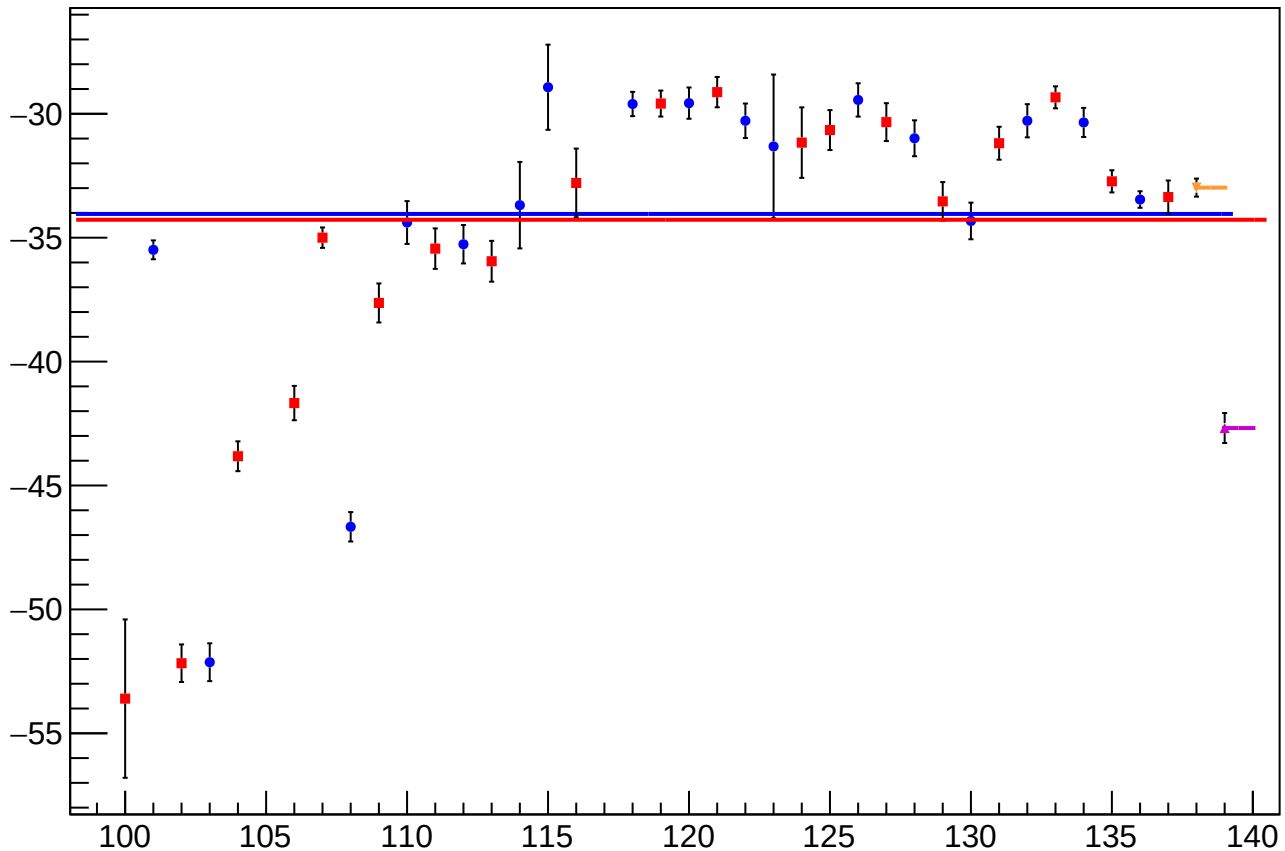
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.827+/-0.332 χ^2/NDF : 0.0/0

Out: -15.142+/-0.353 χ^2/NDF : 0.0/0

All: -14.444+/-0.242 χ^2/NDF : 7.4/1

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: -42.682 ± 0.605 χ^2/NDF : 0.0/0

Left: -35.555 ± 0.312 χ^2/NDF : 188.7/1

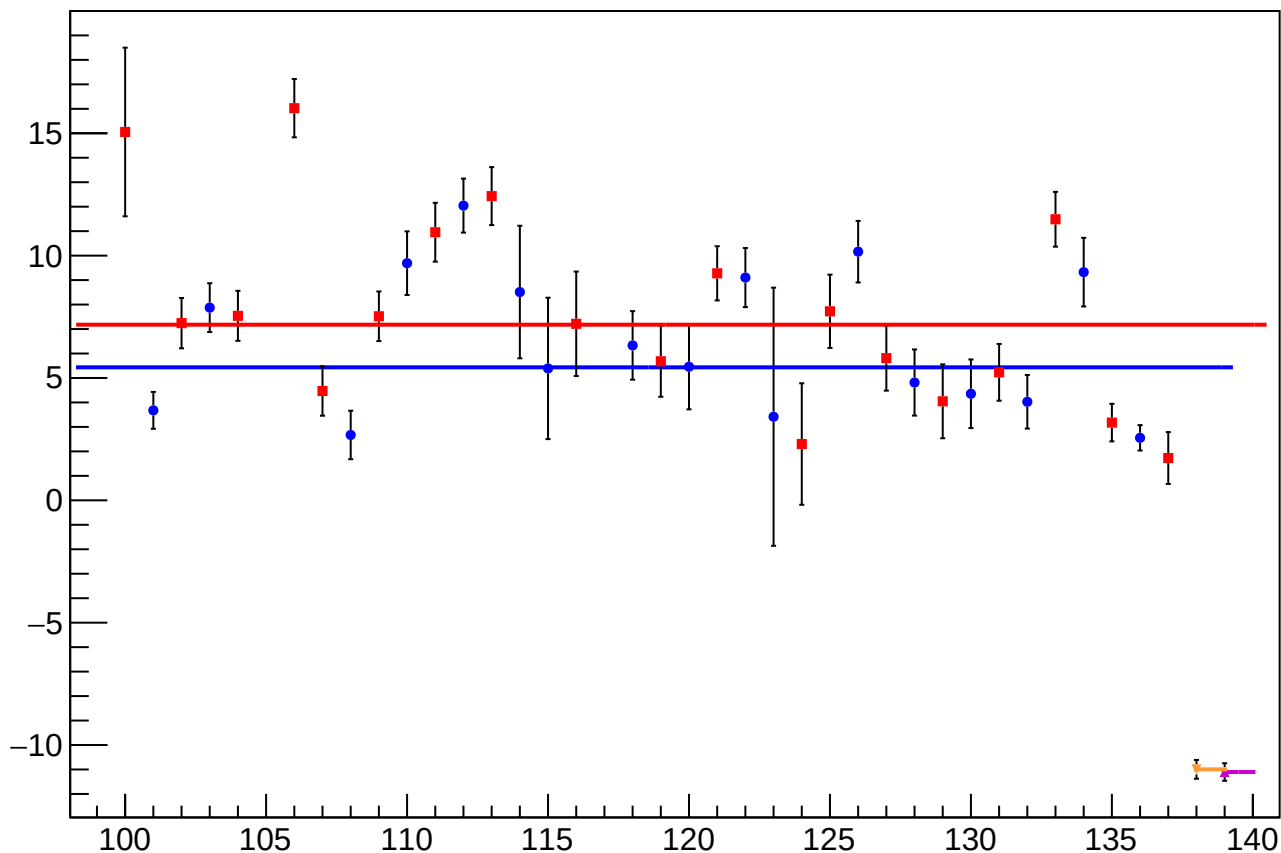
Right: -34.159 ± 0.107 χ^2/NDF : 2691.4/35

In: -34.546 ± 0.146 χ^2/NDF : 1532.5/17

Out: -34.087 ± 0.139 χ^2/NDF : 1360.3/19

All: -34.305 ± 0.101 χ^2/NDF : 2898.0/37

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: -11.103 $\pm$ 0.359 χ^2 /NDF:0.0/0

Left: -11.052 $\pm$ 0.262 χ^2 /NDF: 0.0/1

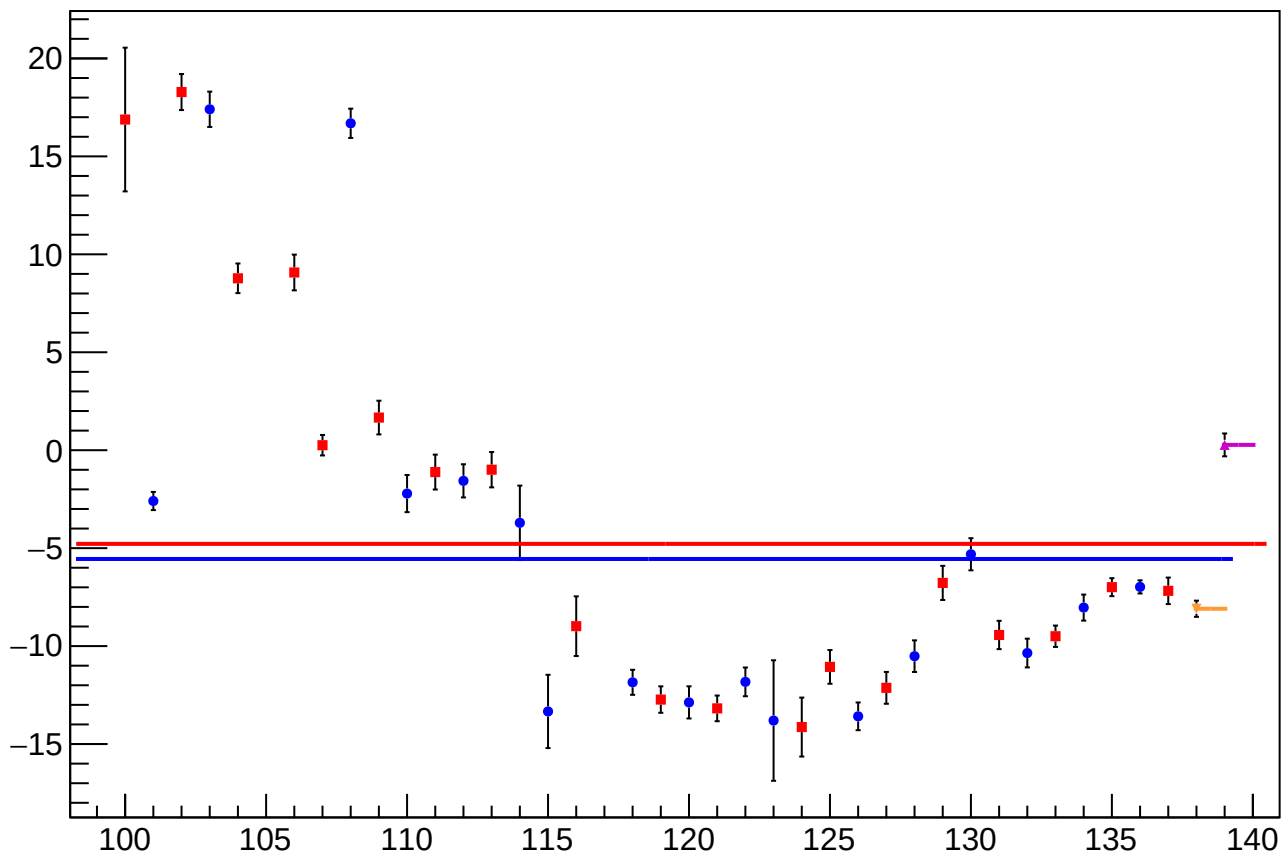
Right: 6.291 $\pm$ 0.192 χ^2 /NDF: 335.1/35

In: -0.521 $\pm$ 0.216 χ^2 /NDF:1487.6/17

Out: 1.027 $\pm$ 0.223 χ^2 /NDF:1669.4/19

All: 0.227 $\pm$ 0.155 χ^2 /NDF: 3181.9/37

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: 0.271+/-0.583 χ^2/NDF : 0.0/0

Left: -5.300+/-0.337 χ^2/NDF : 136.9/1

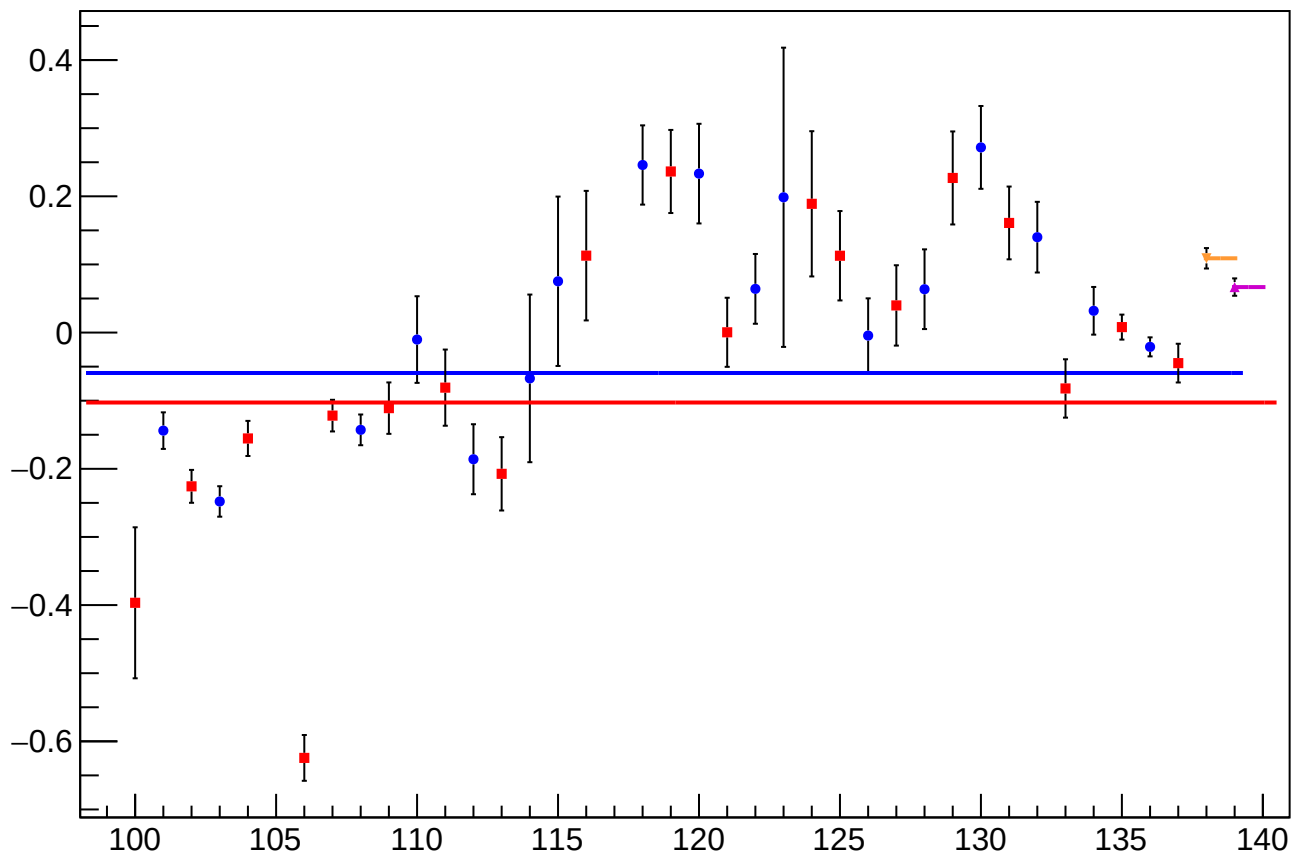
Right: -5.174+/-0.121 χ^2/NDF : 4175.8/35

In: -5.098+/-0.163 χ^2/NDF : 2217.2/17

Out: -5.275+/-0.159 χ^2/NDF : 2095.1/19

All: -5.189+/-0.114 χ^2/NDF : 4312.9/37

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: 0.067 ± 0.013 χ^2/NDF : 0.0/0

Left: 0.085 ± 0.010 χ^2/NDF : 4.6/1

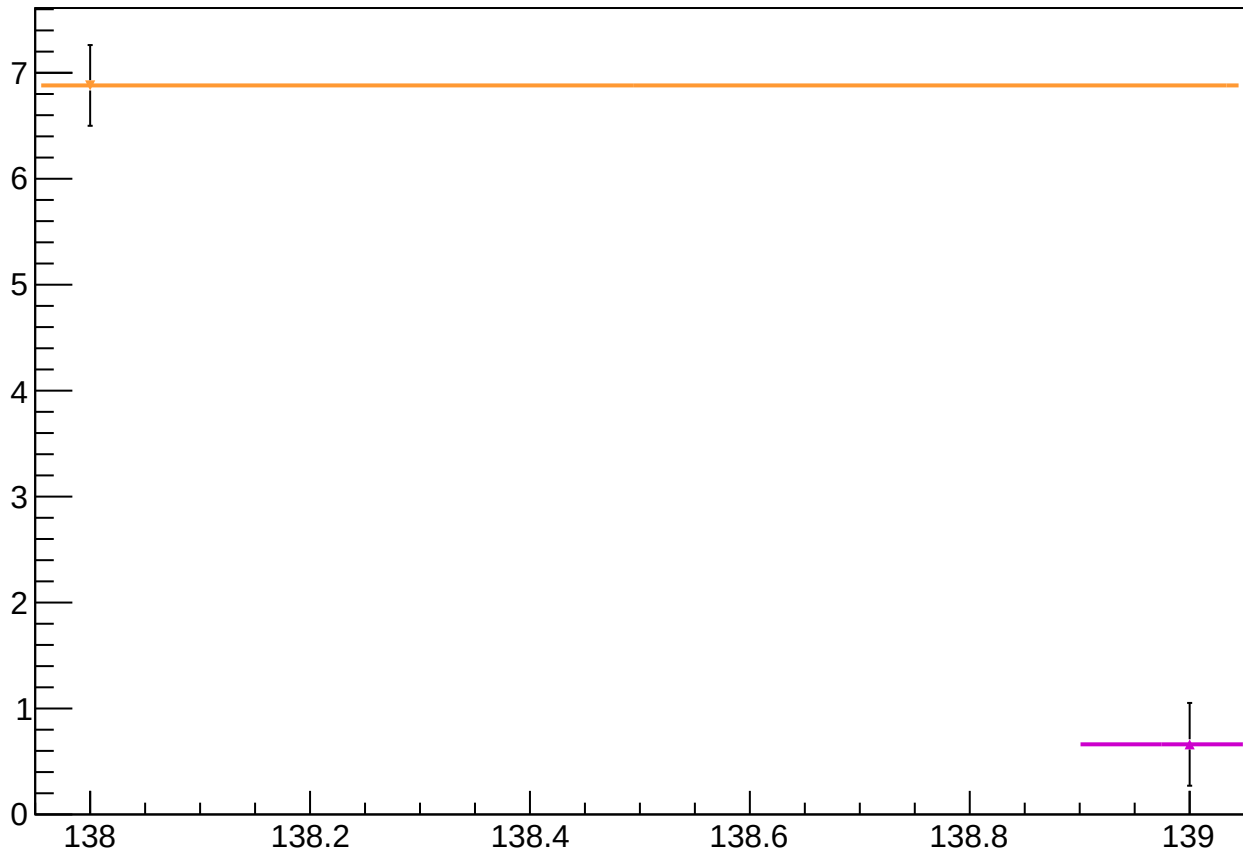
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: -0.021 ± 0.007 χ^2/NDF : 285.8/17

Out: -0.052 ± 0.007 χ^2/NDF : 587.0/19

All: -0.036 ± 0.005 χ^2/NDF : 881.9/37

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 6.881+/-0.381 χ^2/NDF : 0.0/0

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

Left In: 0.662+/-0.391 χ^2/NDF : 0.0/0

Left: 3.849+/-0.273 χ^2/NDF : 129.9/1

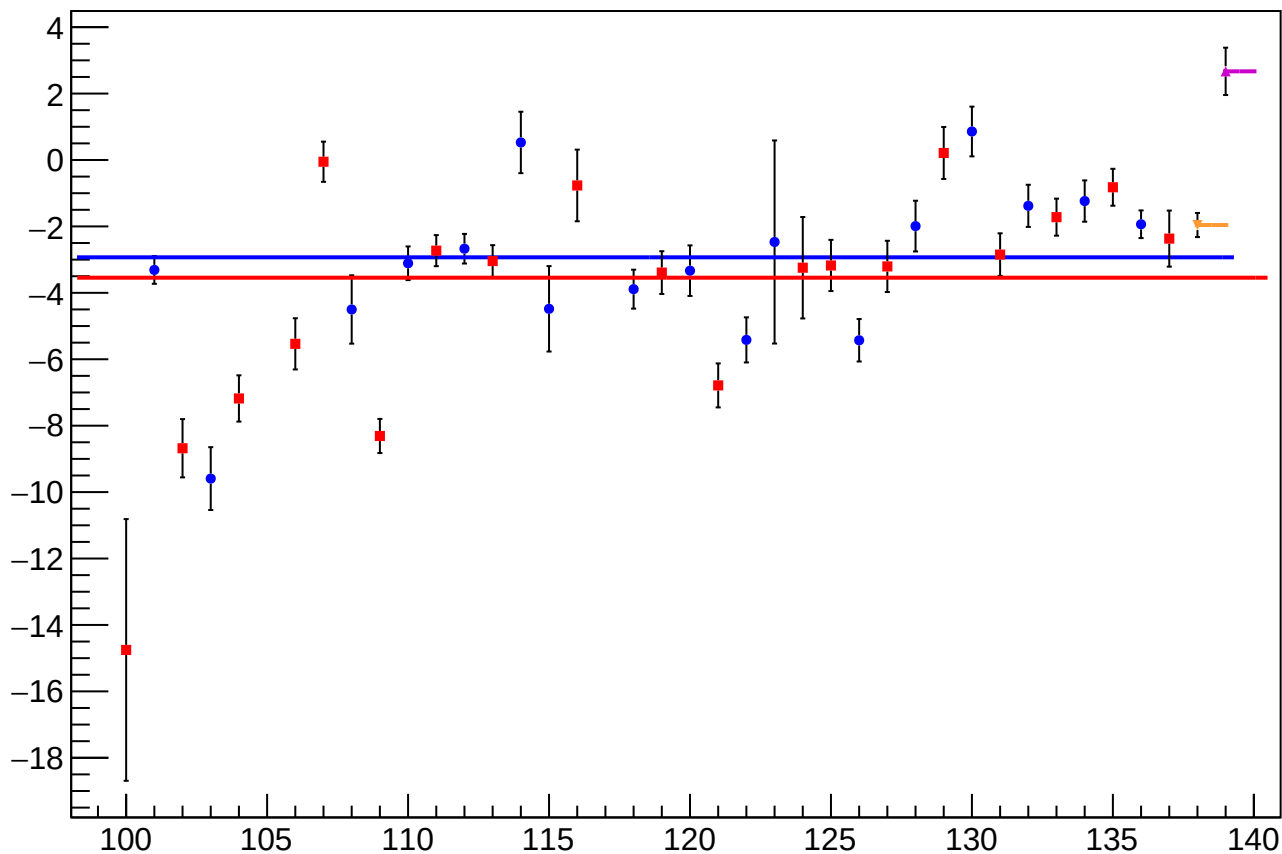
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.662+/-0.391 χ^2/NDF : 0.0/0

Out: 6.881+/-0.381 χ^2/NDF : 0.0/0

All: 3.849+/-0.273 χ^2/NDF : 129.9/1

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: 2.669 ± 0.713 χ^2/NDF : 0.0/0

Left: -1.003 ± 0.324 χ^2/NDF : 33.4/1

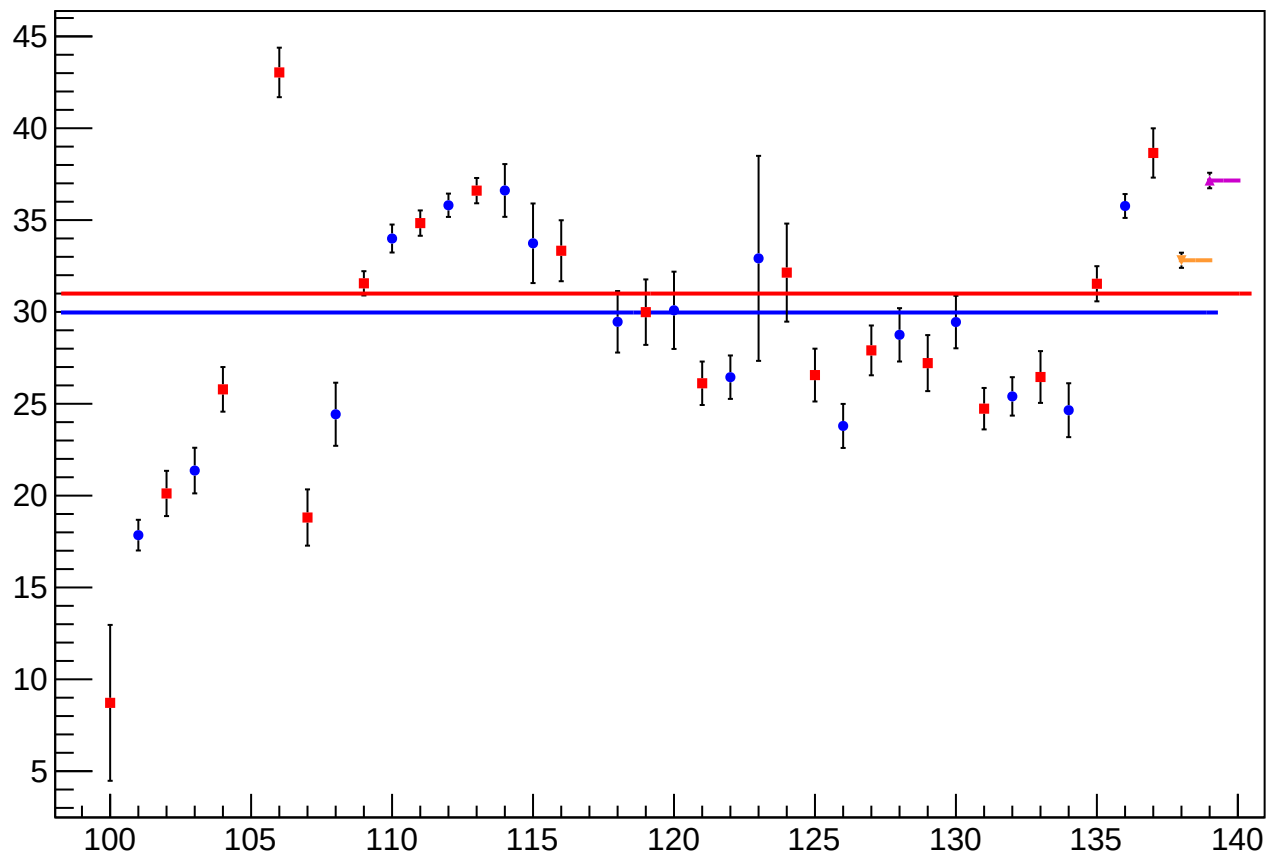
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -2.681 ± 0.150 χ^2/NDF : 205.5/17

Out: -3.301 ± 0.142 χ^2/NDF : 307.8/19

All: -3.008 ± 0.103 χ^2/NDF : 522.3/37

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: 37.154+/-0.422 χ^2/NDF : 0.0/0

Left: 34.935+/-0.295 χ^2/NDF : 54.1/1

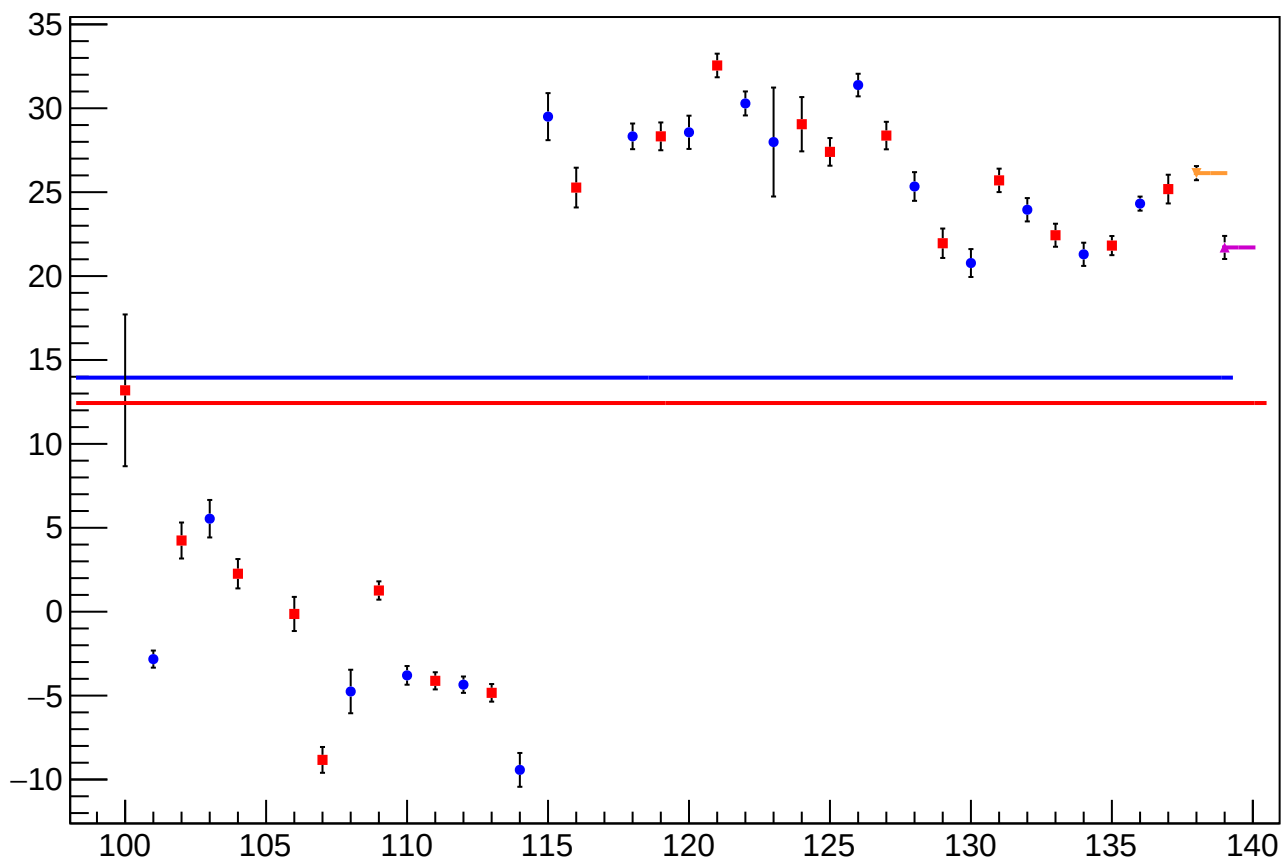
Right: 30.497+/-0.186 χ^2/NDF : 1041.5/35

In: 32.018+/-0.225 χ^2/NDF : 761.4/17

Out: 31.514+/-0.220 χ^2/NDF : 493.3/19

All: 31.760+/-0.157 χ^2/NDF : 1257.2/37

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 26.135 $\pm$ 0.421 χ^2 /NDF:0.0/0

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

Left In: 21.706 $\pm$ 0.687 χ^2 /NDF:0.0/0

Left: 24.925 $\pm$ 0.359 χ^2 /NDF: 30.2/1

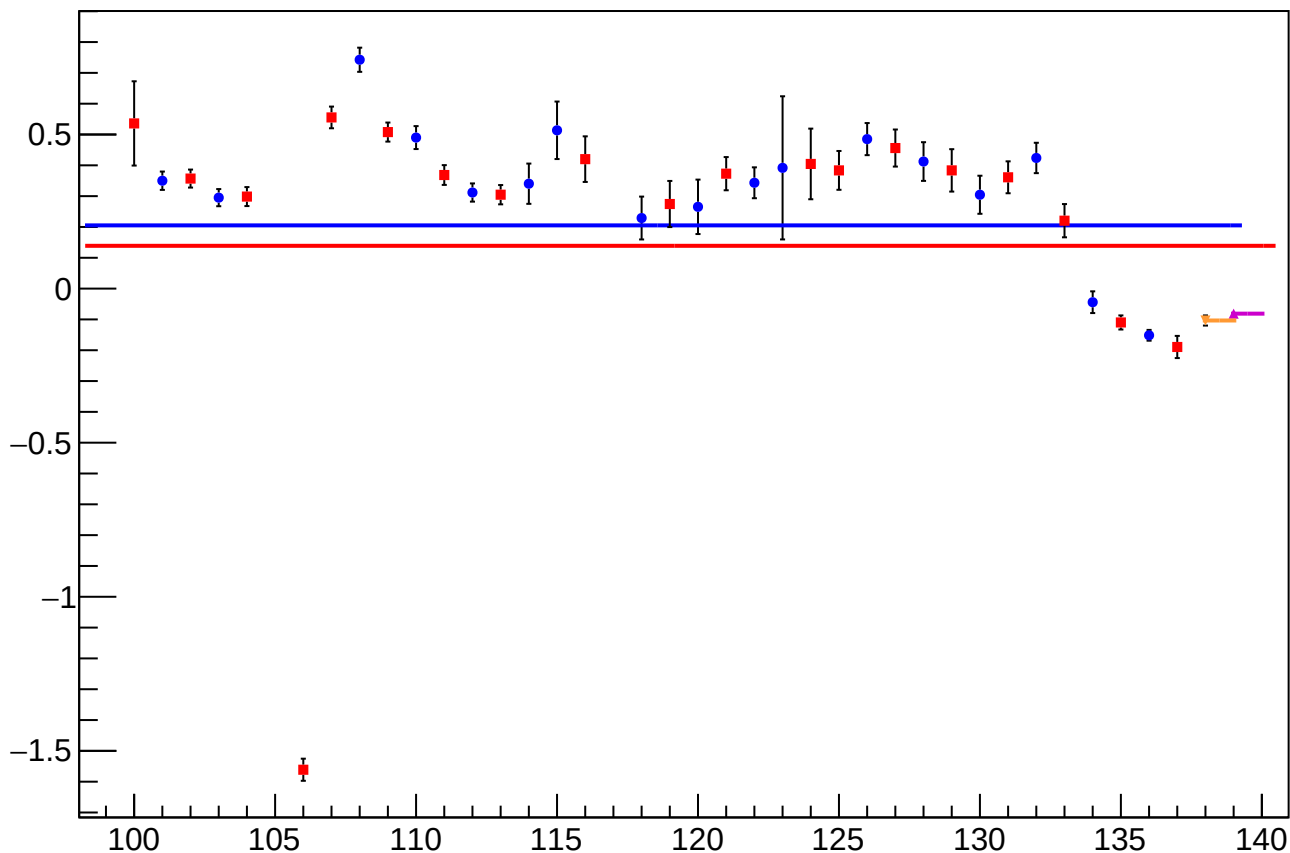
Right: 13.199 $\pm$ 0.122 χ^2 /NDF: 14393.1/35

In: 14.405 $\pm$ 0.167 χ^2 /NDF:7511.9/17

Out: 14.426 $\pm$ 0.161 χ^2 /NDF:7867.1/19

All: 14.416 $\pm$ 0.116 χ^2 /NDF: 15379.0/37

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: -0.081 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left: -0.091 $\pm$ 0.011 χ^2 /NDF: 1.0/1

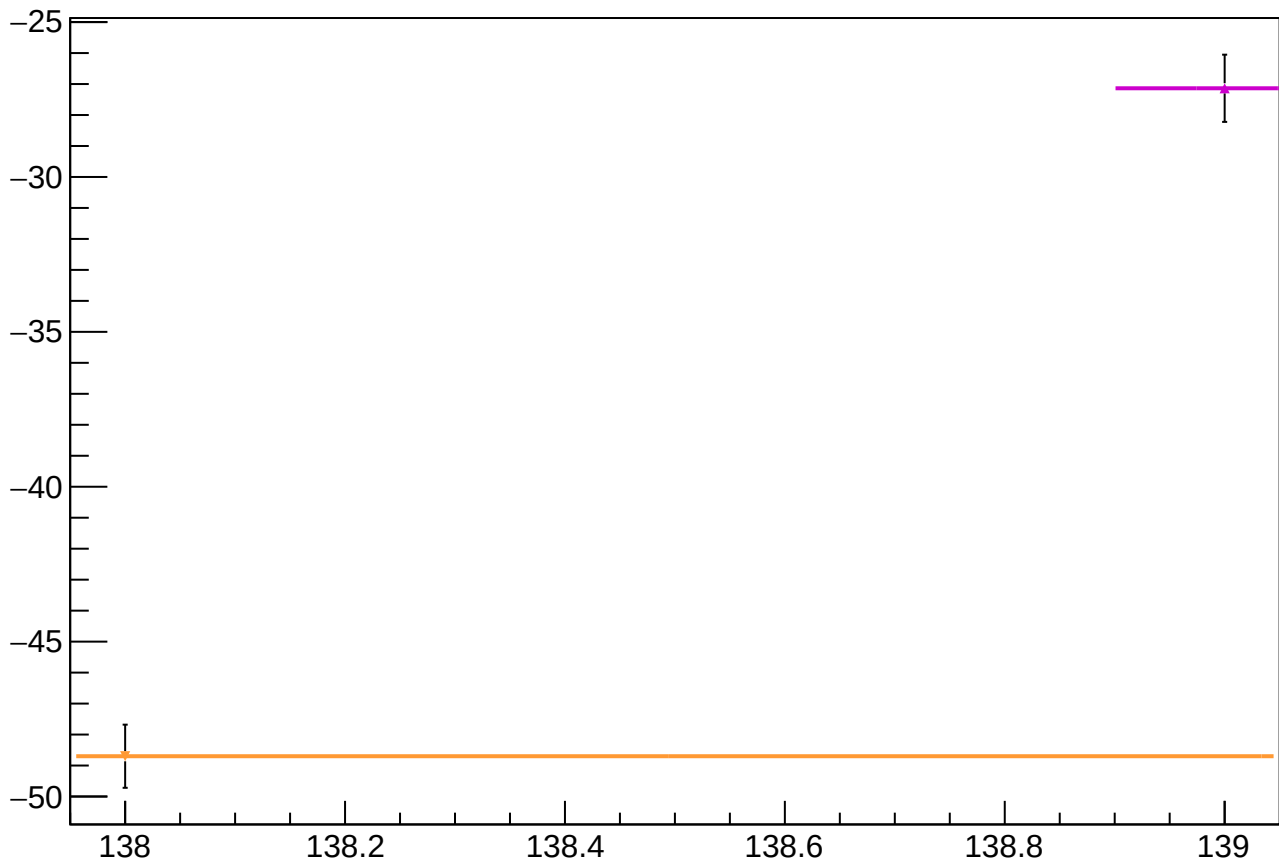
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.125 $\pm$ 0.008 χ^2 /NDF: 1108.2/17

Out: 0.081 $\pm$ 0.008 χ^2 /NDF: 3182.2/19

All: 0.103 $\pm$ 0.006 χ^2 /NDF: 4305.4/37

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: -27.137+/-1.085 χ^2/NDF : 0.0/0

Left: -38.591+/-0.743 χ^2/NDF : 209.8/1

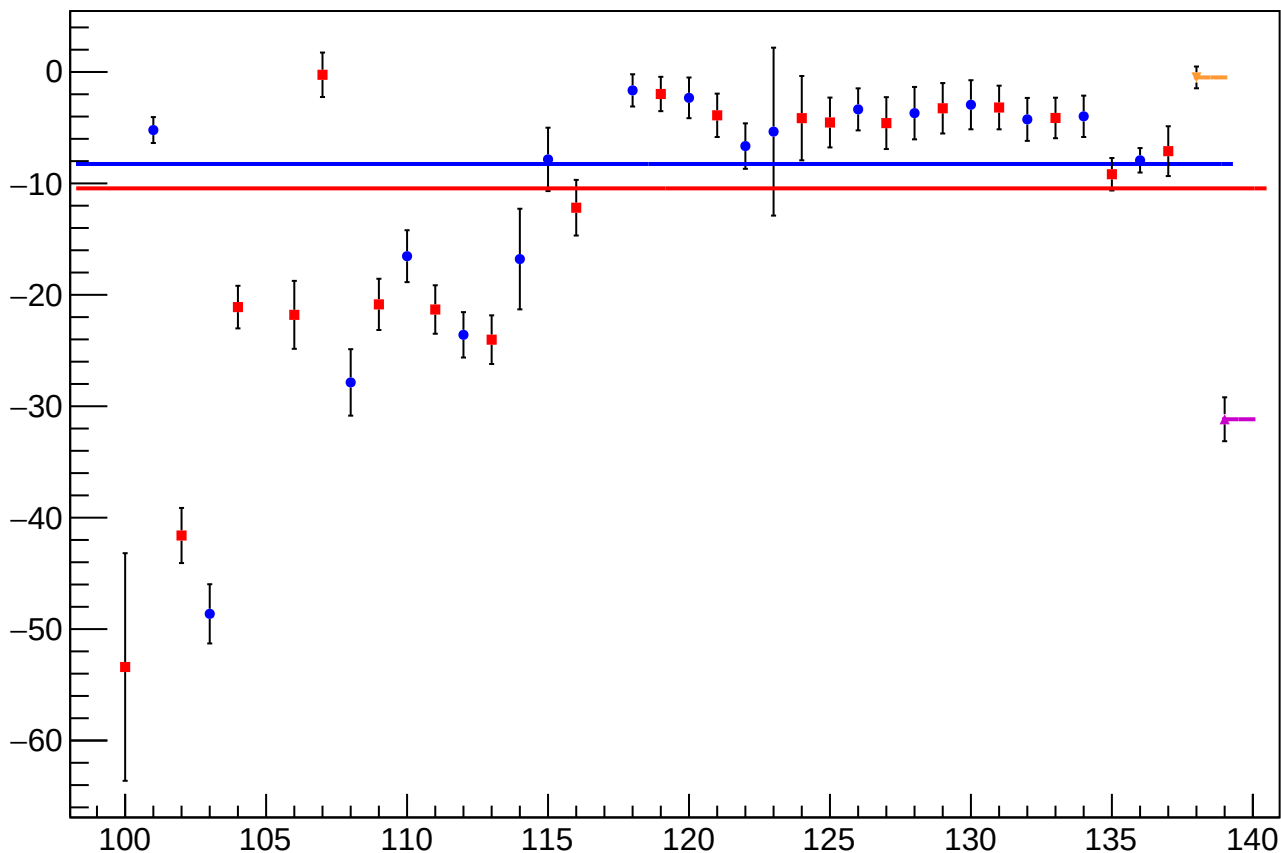
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.137+/-1.085 χ^2/NDF : 0.0/0

Out: -48.699+/-1.019 χ^2/NDF : 0.0/0

All: -38.591+/-0.743 χ^2/NDF : 209.8/1

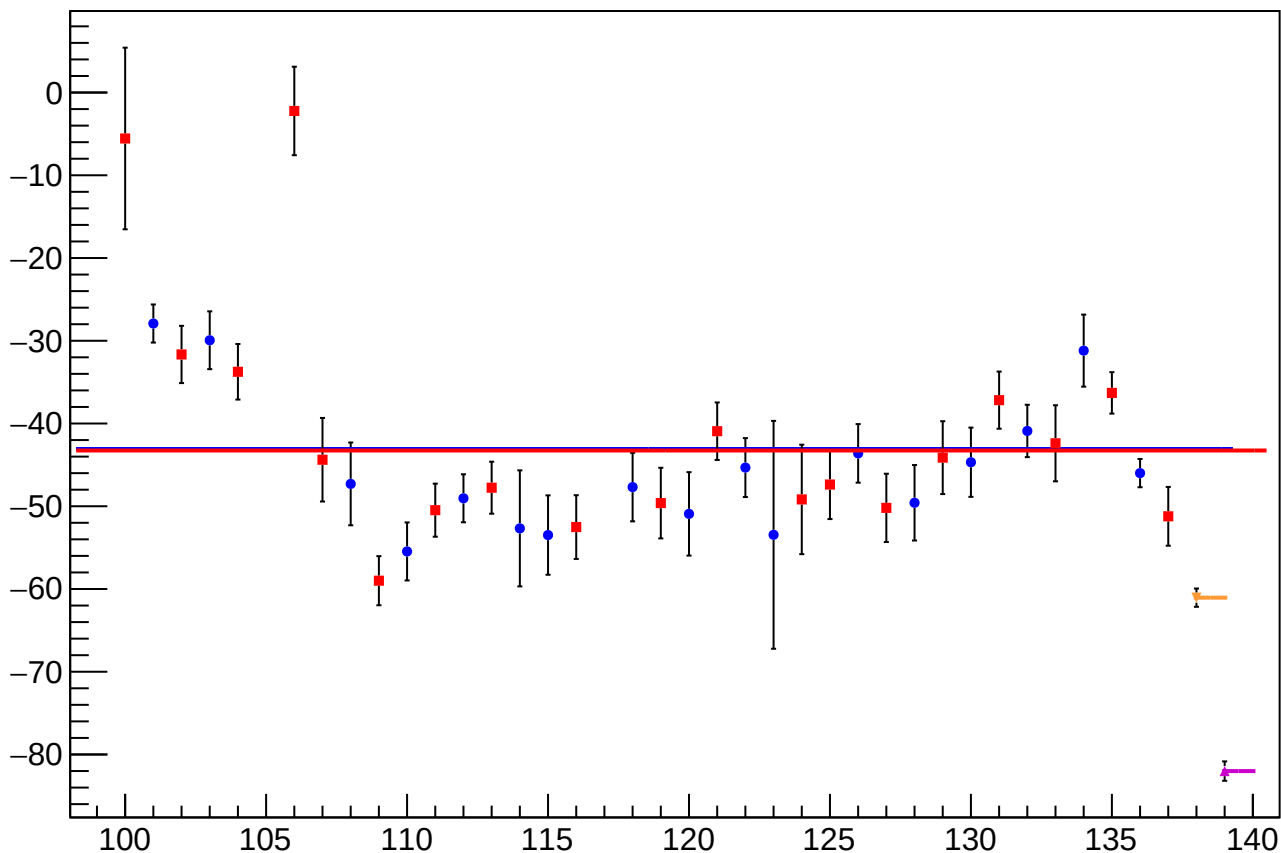
reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257 ± 0.462 $\chi^2/\text{NDF}: 412.1/16$
 Left Out: -0.487 ± 0.977 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -10.446 ± 0.491 $\chi^2/\text{NDF}: 428.4/18$
 Left In: -31.167 ± 1.970 $\chi^2/\text{NDF}: 0.0/0$

Left: -6.540 ± 0.875 $\chi^2/\text{NDF}: 194.6/1$
 Right: -9.285 ± 0.337 $\chi^2/\text{NDF}: 851.1/35$
 In: -9.451 ± 0.450 $\chi^2/\text{NDF}: 540.3/17$
 Out: -8.436 ± 0.439 $\chi^2/\text{NDF}: 511.4/19$
 All: -8.931 ± 0.314 $\chi^2/\text{NDF}: 1054.3/37$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082 ± 0.834 χ^2/NDF : 99.2/16

Left Out: -61.048 ± 1.105 χ^2/NDF : 0.0/0

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

Left In: -82.007 ± 1.174 χ^2/NDF : 0.0/0

Left: -70.893 ± 0.804 χ^2/NDF : 169.1/1

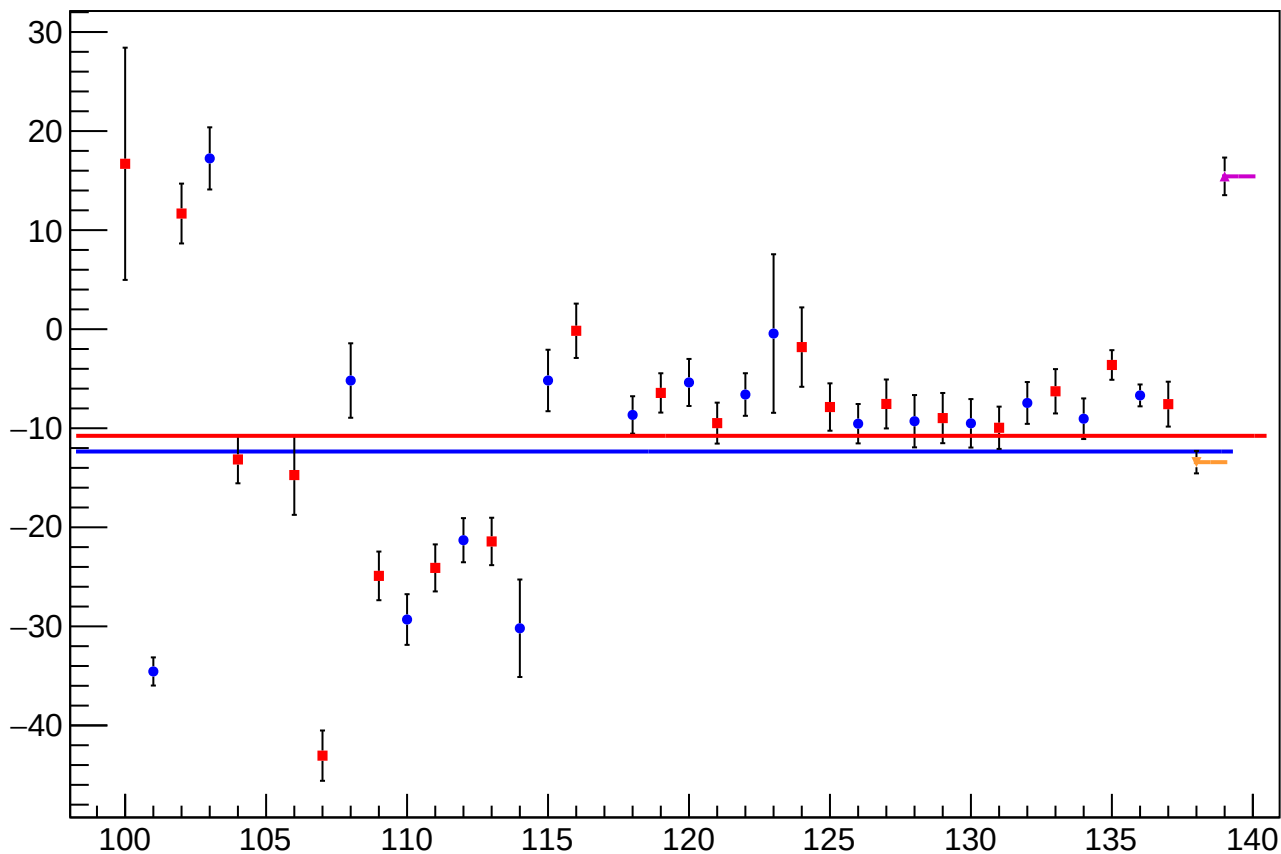
Right: -43.169 ± 0.601 χ^2/NDF : 253.4/35

In: -56.149 ± 0.680 χ^2/NDF : 830.0/17

Out: -50.037 ± 0.682 χ^2/NDF : 314.7/19

All: -53.101 ± 0.481 χ^2/NDF : 1185.0/37

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -13.424 ± 1.132 χ^2/NDF : 0.0/0

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

Left In: 15.428 ± 1.898 χ^2/NDF : 0.0/0

Left: -5.859 ± 0.972 χ^2/NDF : 170.5/1

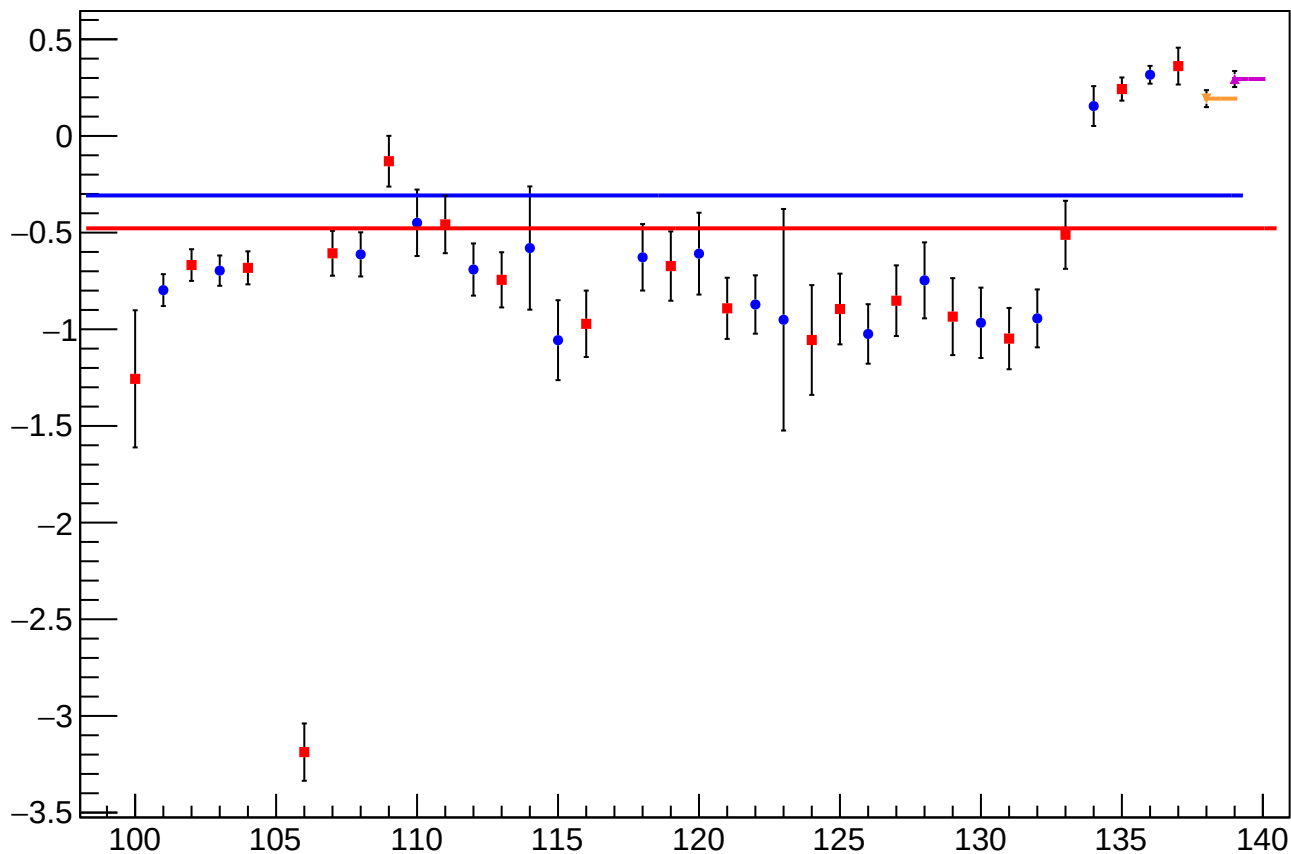
Right: -11.606 ± 0.379 χ^2/NDF : 846.9/35

In: -10.411 ± 0.501 χ^2/NDF : 675.1/17

Out: -11.278 ± 0.497 χ^2/NDF : 371.1/19

All: -10.848 ± 0.353 χ^2/NDF : 1047.8/37

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: 0.294 ± 0.042 χ^2/NDF : 0.0/0

Left: 0.247 ± 0.030 χ^2/NDF : 2.8/1

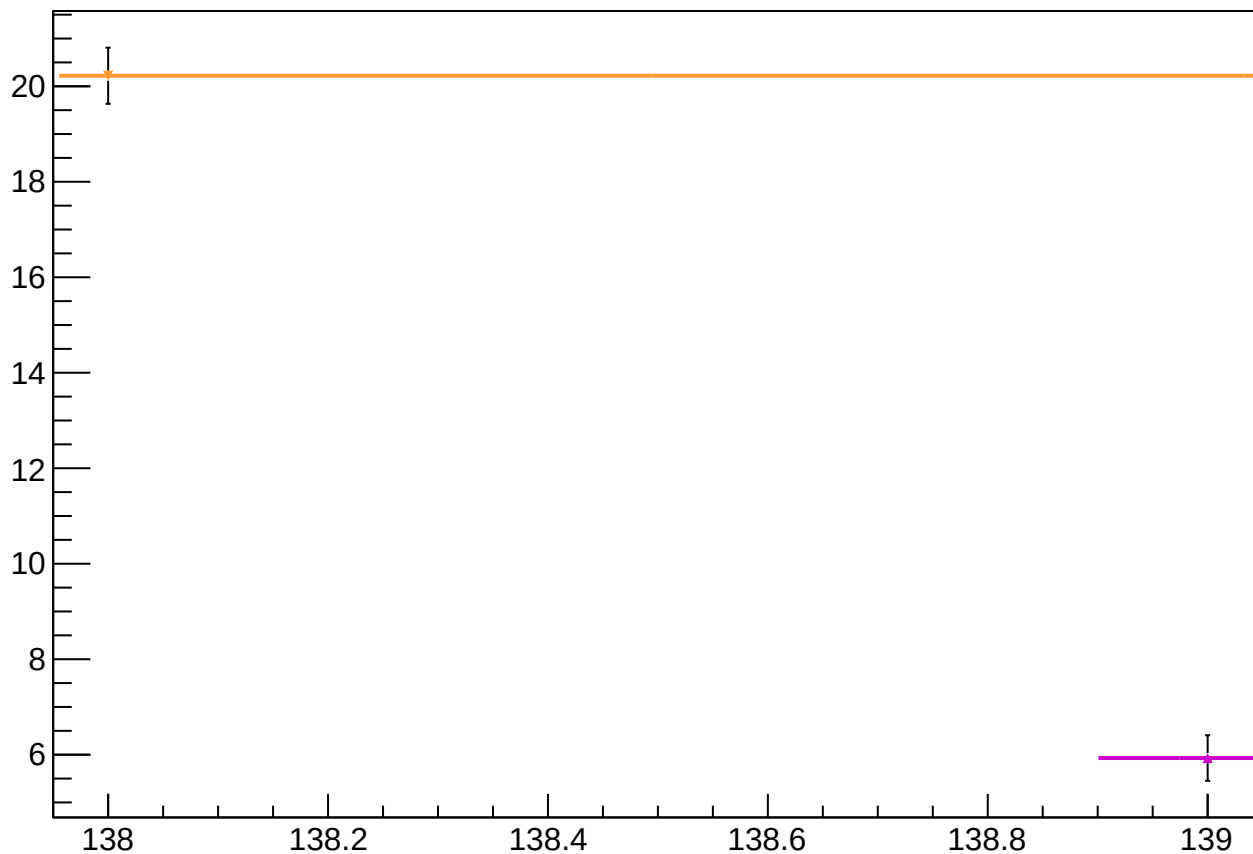
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: -0.124 ± 0.023 χ^2/NDF : 518.4/17

Out: -0.279 ± 0.024 χ^2/NDF : 794.8/19

All: -0.199 ± 0.017 χ^2/NDF : 1335.1/37

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: 5.931+/-0.477 χ^2/NDF : 0.0/0

Left: 11.606+/-0.370 χ^2/NDF : 356.3/1

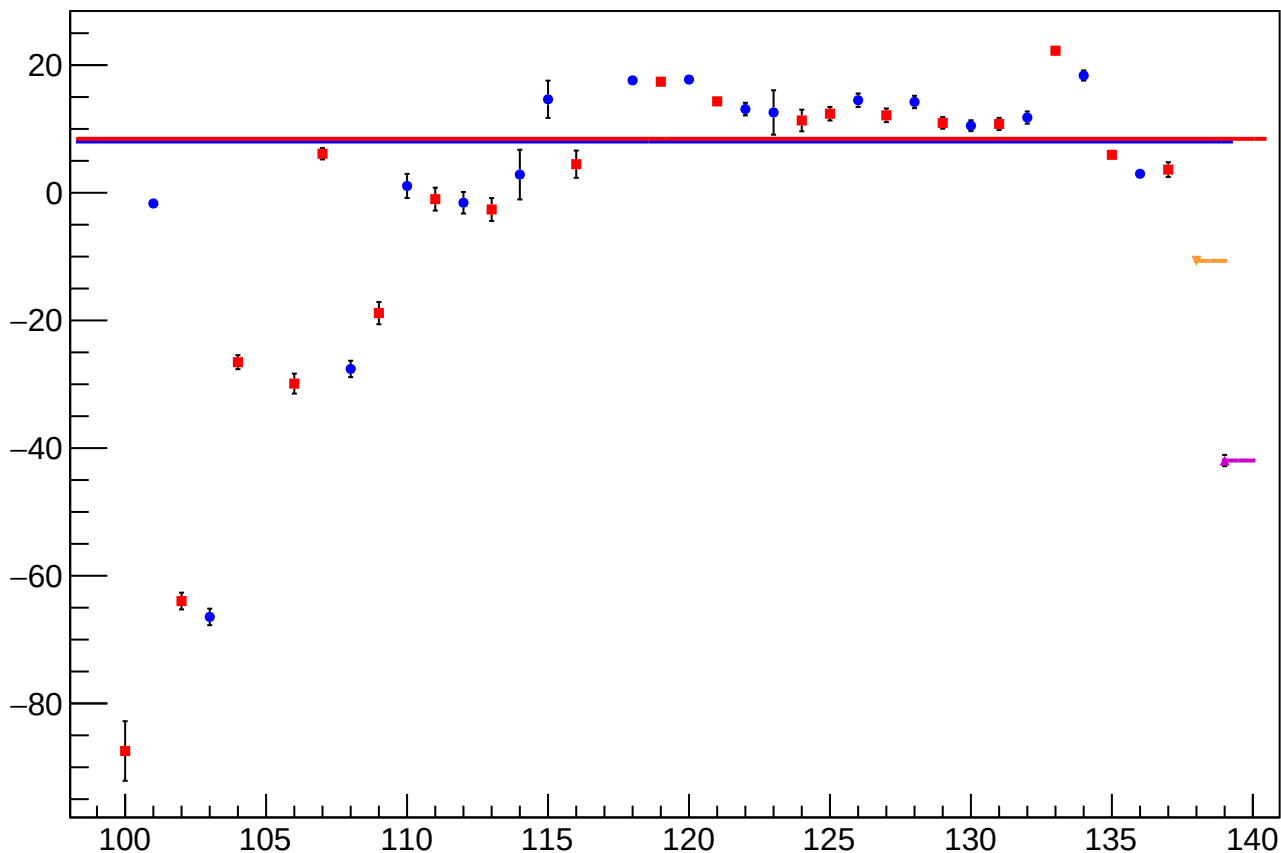
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.931+/-0.477 χ^2/NDF : 0.0/0

Out: 20.221+/-0.588 χ^2/NDF : 0.0/0

All: 11.606+/-0.370 χ^2/NDF : 356.3/1

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 $\pm$ 0.215 χ^2 /NDF: 5369.4/16

Left Out: -10.659 $\pm$ 0.597 χ^2 /NDF:0.0/0

Right Out: 8.454 $\pm$ 0.213 χ^2 /NDF: 6704.4/18

Left In: -41.945 $\pm$ 0.880 χ^2 /NDF:0.0/0

Left: -20.526 $\pm$ 0.494 χ^2 /NDF: 866.2/1

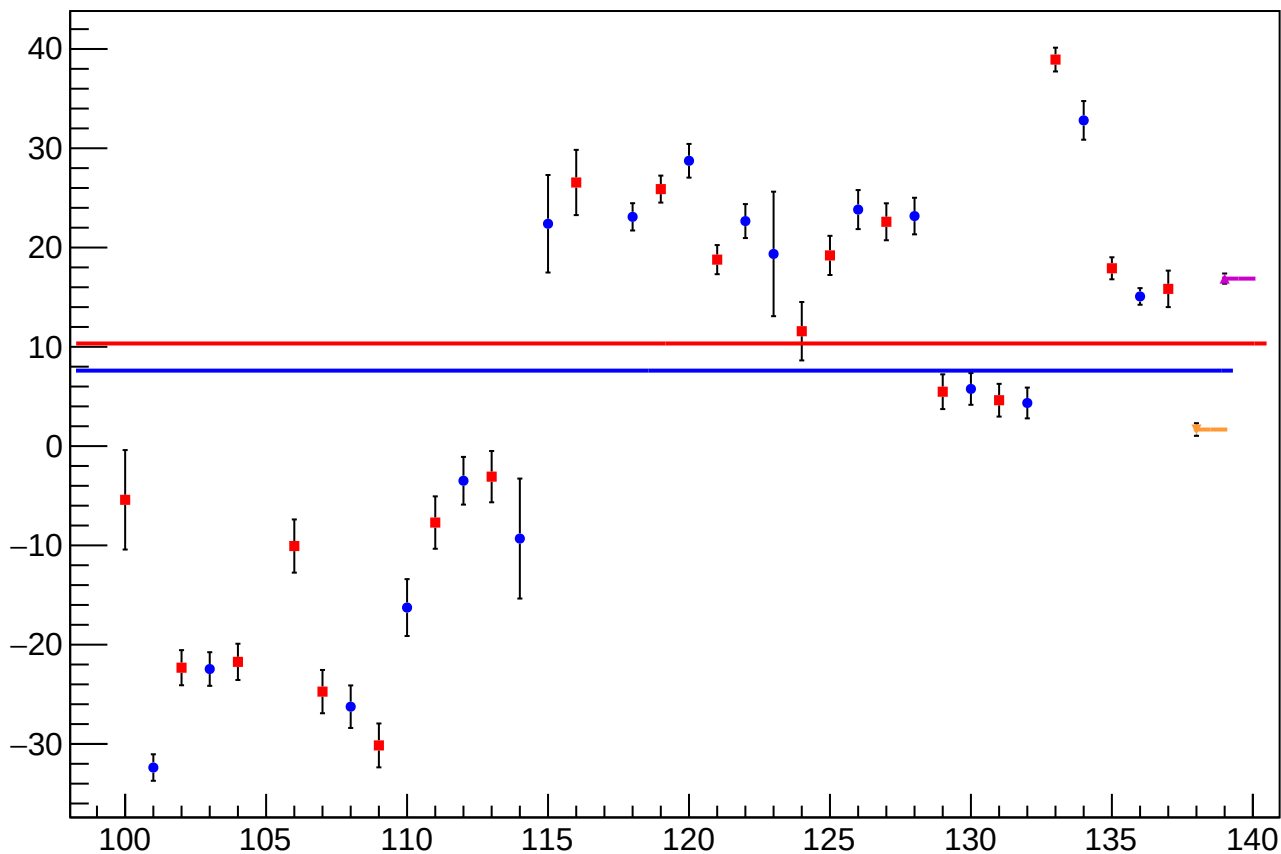
Right: 8.247 $\pm$ 0.151 χ^2 /NDF: 12075.7/35

In: 5.214 $\pm$ 0.209 χ^2 /NDF:8416.0/17

Out: 6.290 $\pm$ 0.201 χ^2 /NDF:7613.3/19

All: 5.773 $\pm$ 0.145 χ^2 /NDF: 16043.1/37

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604 ± 0.416 $\chi^2/\text{NDF}: 2325.0/16$

Left Out: 1.670 ± 0.637 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 10.337 ± 0.416 $\chi^2/\text{NDF}: 2281.8/18$

Left In: 16.871 ± 0.515 $\chi^2/\text{NDF}: 0.0/0$

Left: 10.872 ± 0.400 $\chi^2/\text{NDF}: 344.4/1$

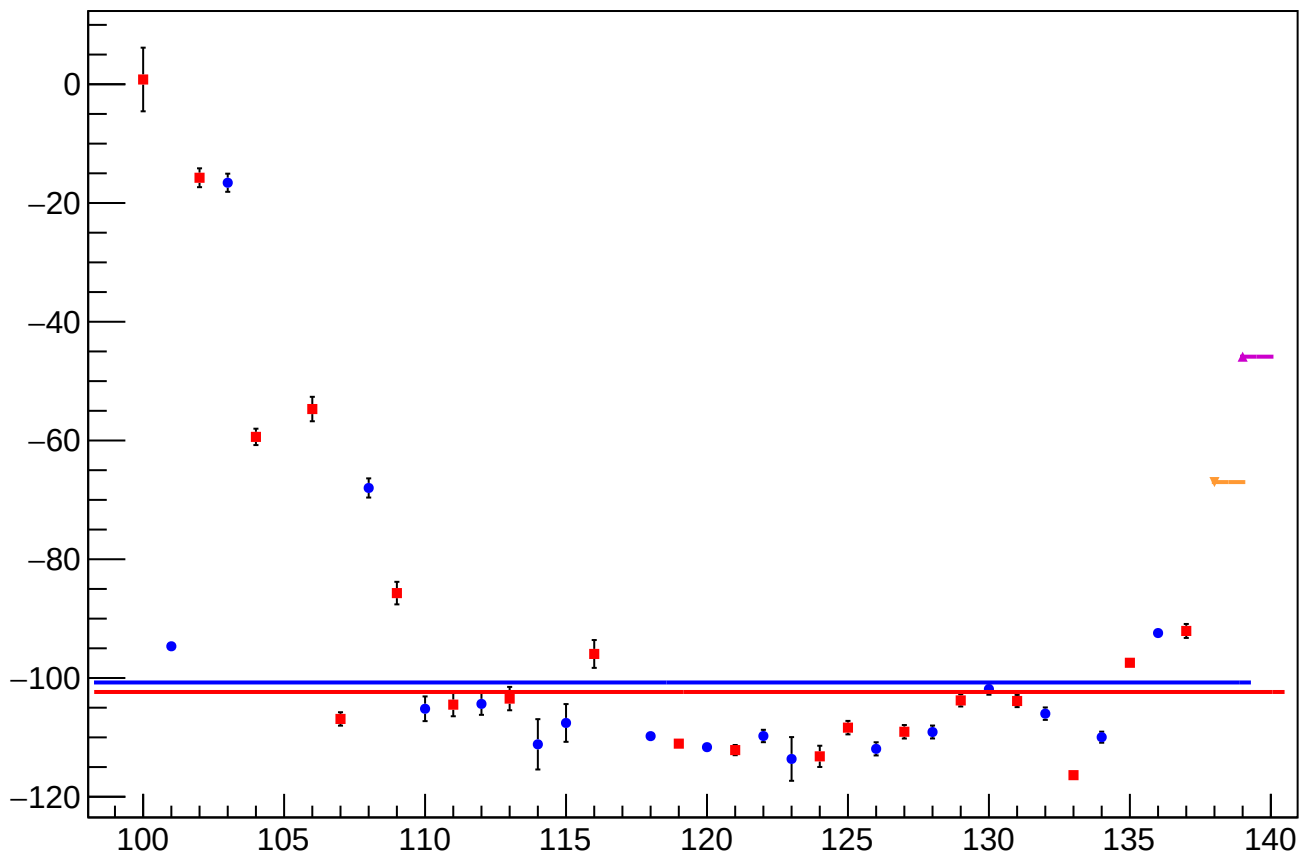
Right: 8.969 ± 0.294 $\chi^2/\text{NDF}: 4628.4/35$

In: 11.264 ± 0.323 $\chi^2/\text{NDF}: 2521.2/17$

Out: 7.744 ± 0.349 $\chi^2/\text{NDF}: 2411.4/19$

All: 9.636 ± 0.237 $\chi^2/\text{NDF}: 4987.4/37$

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: -45.881 ± 0.849 χ^2/NDF : 0.0/0

Left: -58.732 ± 0.531 χ^2/NDF : 377.0/1

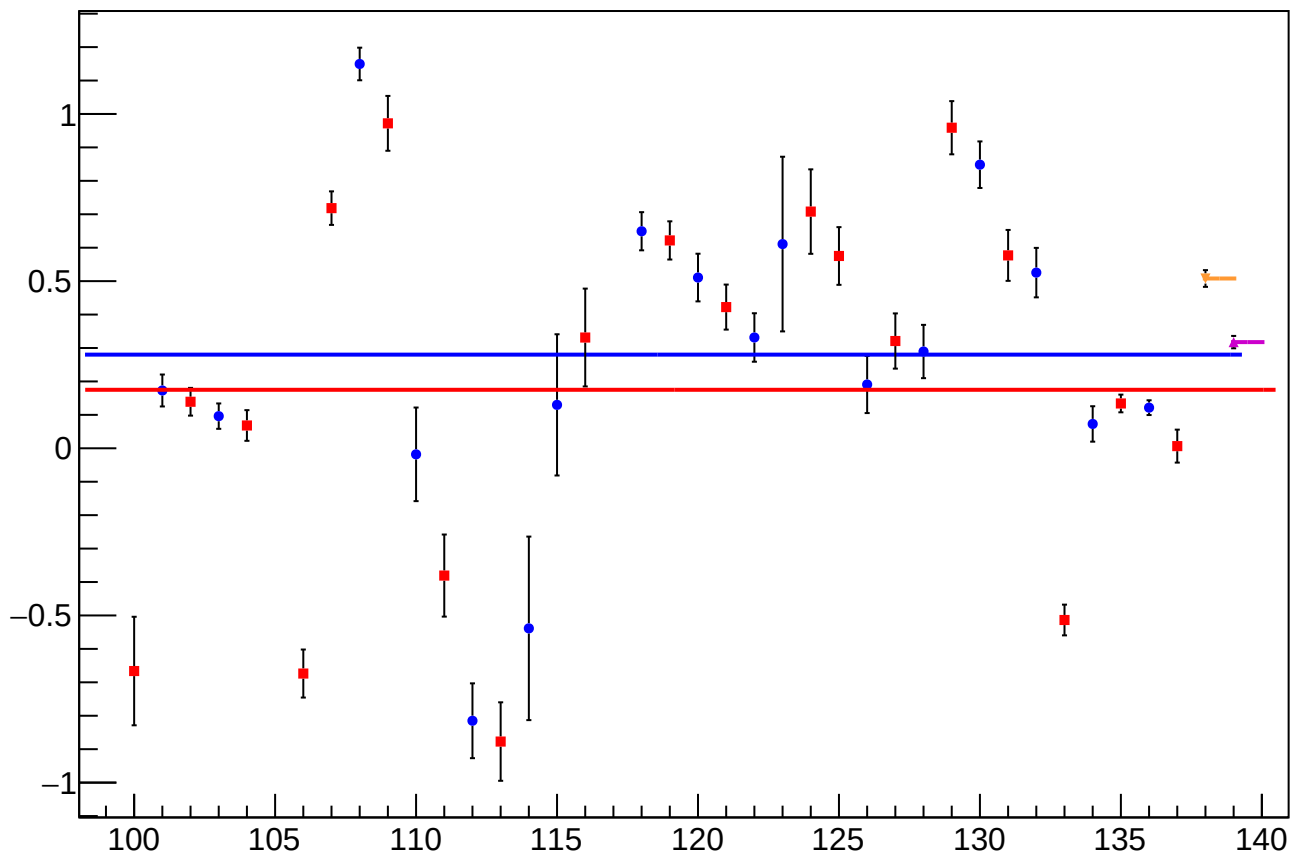
Right: -101.559 ± 0.175 χ^2/NDF : 10622.5/35

In: -96.434 ± 0.238 χ^2/NDF : 8375.4/17

Out: -98.264 ± 0.232 χ^2/NDF : 8463.9/19

All: -97.374 ± 0.166 χ^2/NDF : 16869.7/37

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: 0.318 $\pm$ 0.019 χ^2 /NDF:0.0/0

Left: 0.385 $\pm$ 0.015 χ^2 /NDF: 37.3/1

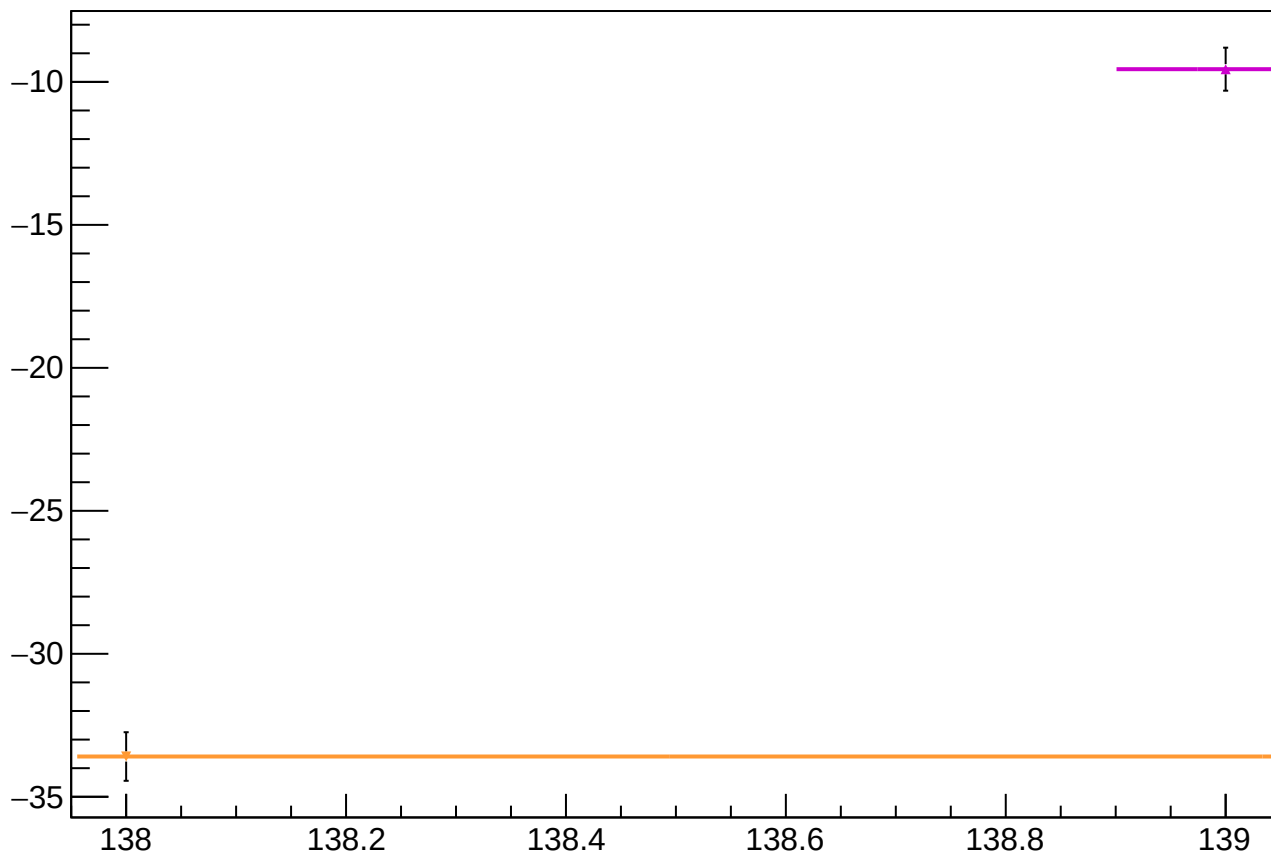
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1653.2/35

In: 0.293 $\pm$ 0.011 χ^2 /NDF:658.7/17

Out: 0.250 $\pm$ 0.012 χ^2 /NDF:1104.1/19

All: 0.273 $\pm$ 0.008 χ^2 /NDF: 1770.0/37

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: -9.555±/-0.752 χ^2 /NDF: 0.0/0

Left: -20.117±/-0.563 χ^2 /NDF: 448.8/1

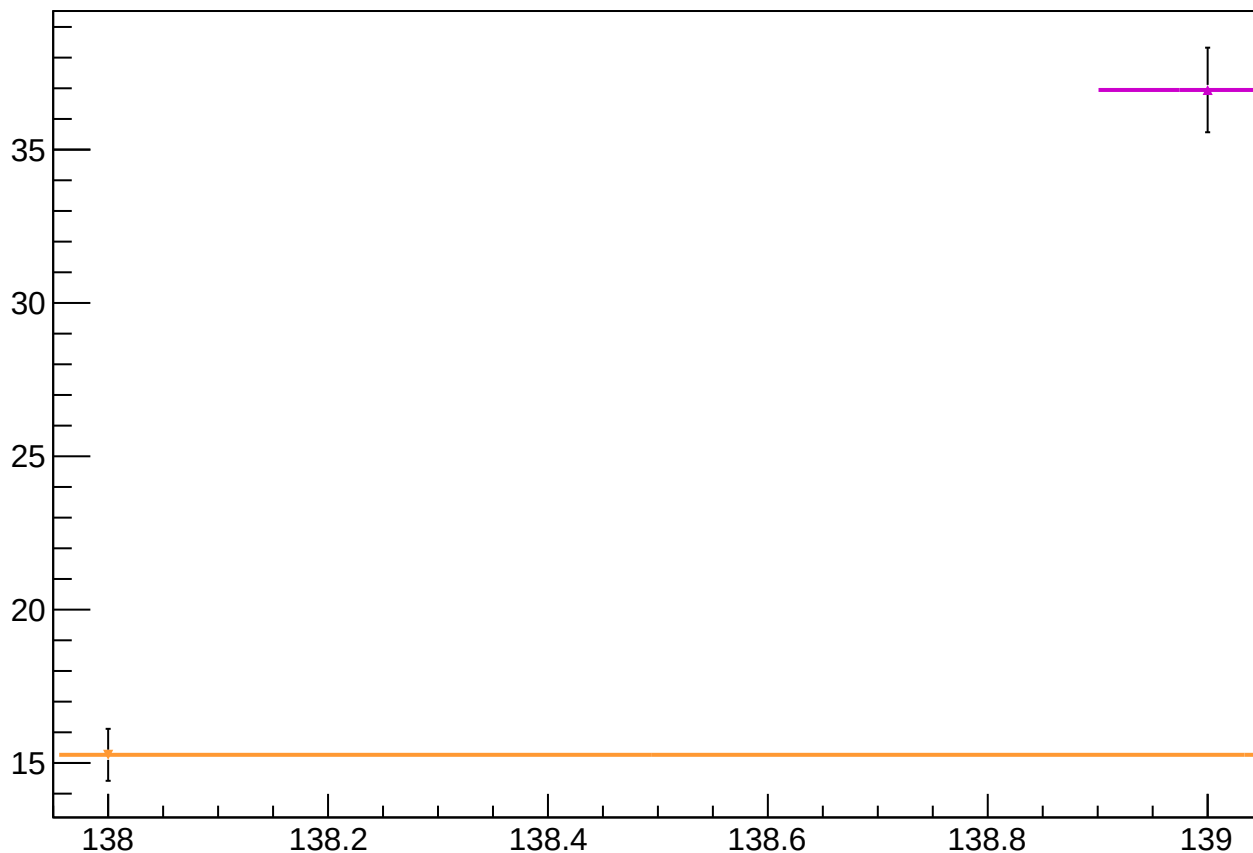
Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0

In: -9.555±/-0.752 χ^2 /NDF: 0.0/0

Out: -33.592±/-0.850 χ^2 /NDF: 0.0/0

All: -20.117±/-0.563 χ^2 /NDF: 448.8/1

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 15.266 $\pm$ 0.847 χ^2 /NDF: 0.0/0

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

Left In: 36.945 $\pm$ 1.379 χ^2 /NDF: 0.0/0

Left: 21.206 $\pm$ 0.722 χ^2 /NDF: 179.4/1

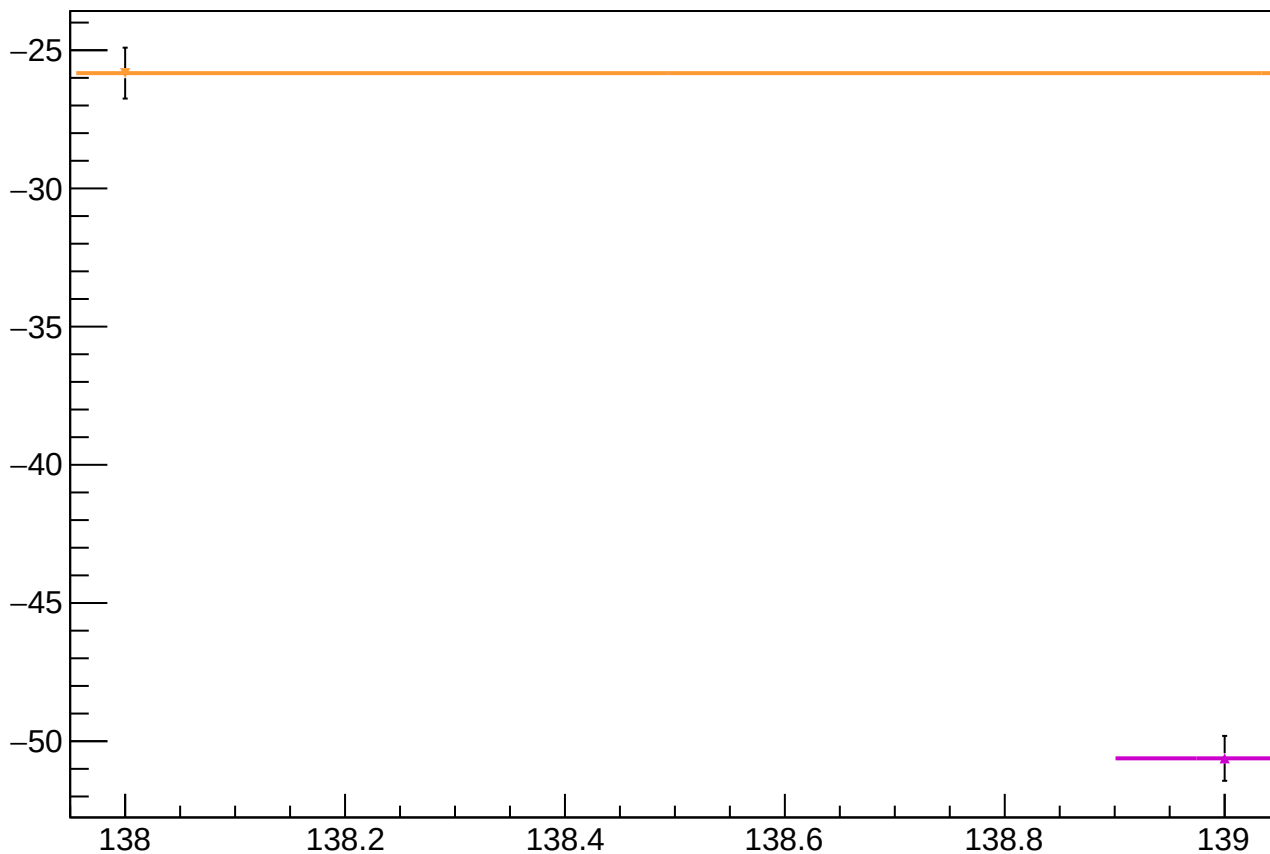
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 36.945 $\pm$ 1.379 χ^2 /NDF: 0.0/0

Out: 15.266 $\pm$ 0.847 χ^2 /NDF: 0.0/0

All: 21.206 $\pm$ 0.722 χ^2 /NDF: 179.4/1

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: -50.620+/-0.812 χ^2/NDF : 0.0/0

Left: -39.773+/-0.609 χ^2/NDF : 407.7/1

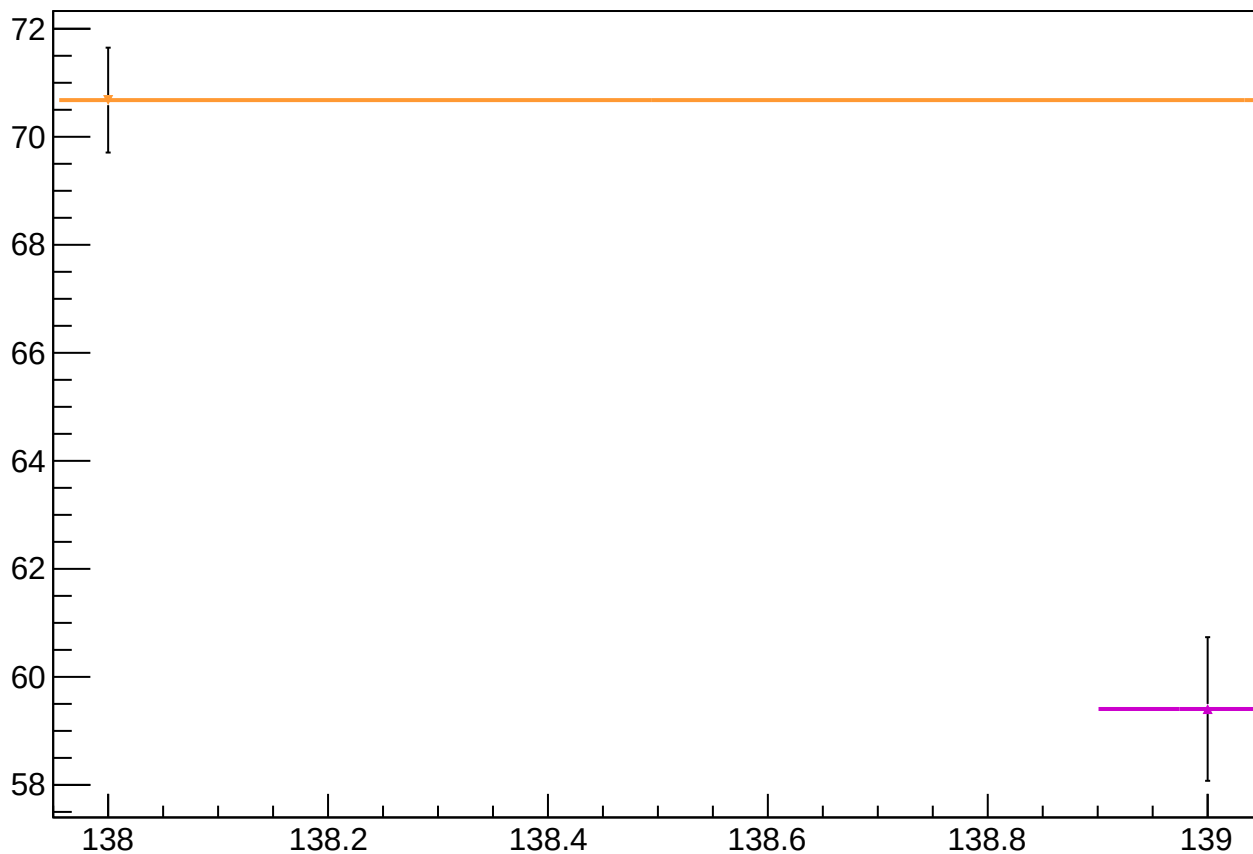
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.620+/-0.812 χ^2/NDF : 0.0/0

Out: -25.828+/-0.921 χ^2/NDF : 0.0/0

All: -39.773+/-0.609 χ^2/NDF : 407.7/1

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: 59.406+/-1.330 χ^2/NDF : 0.0/0

Left: 66.759+/-0.784 χ^2/NDF : 46.9/1

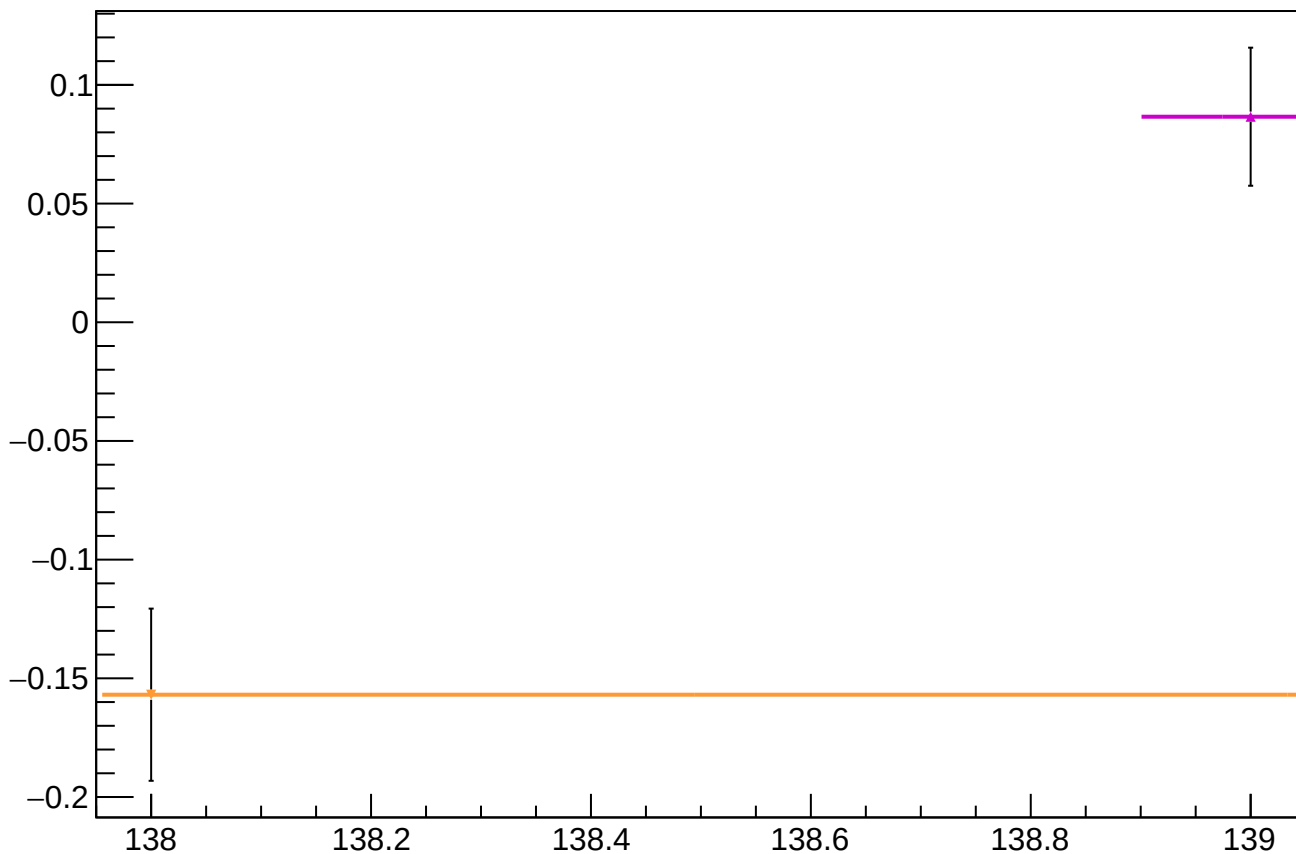
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.406+/-1.330 χ^2/NDF : 0.0/0

Out: 70.679+/-0.971 χ^2/NDF : 0.0/0

All: 66.759+/-0.784 χ^2/NDF : 46.9/1

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: 0.087+/-0.029 χ^2/NDF : 0.0/0

Left: -0.009+/-0.023 χ^2/NDF : 27.4/1

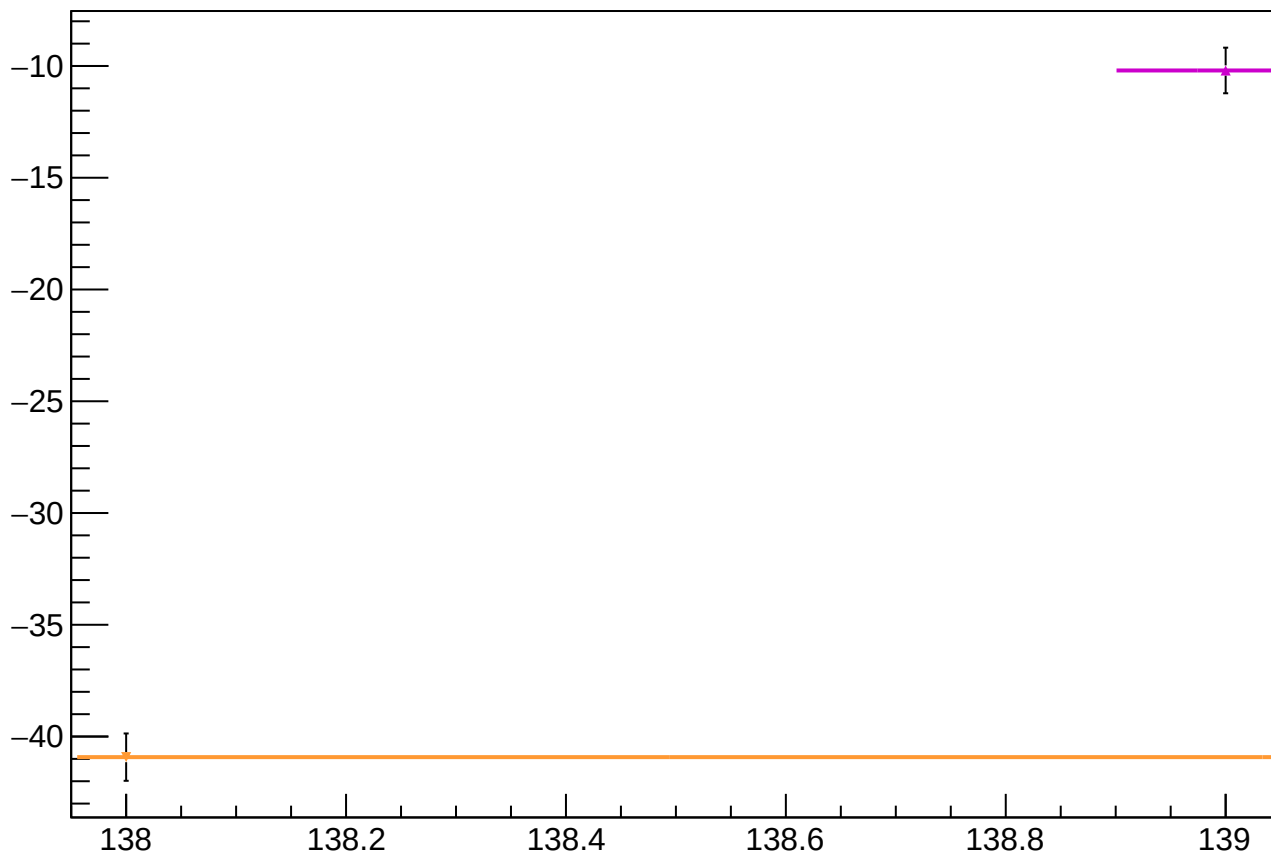
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.087+/-0.029 χ^2/NDF : 0.0/0

Out: -0.157+/-0.036 χ^2/NDF : 0.0/0

All: -0.009+/-0.023 χ^2/NDF : 27.4/1

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: -10.201+/-1.020 χ^2/NDF : 0.0/0

Left: -24.990+/-0.735 χ^2/NDF : 436.6/1

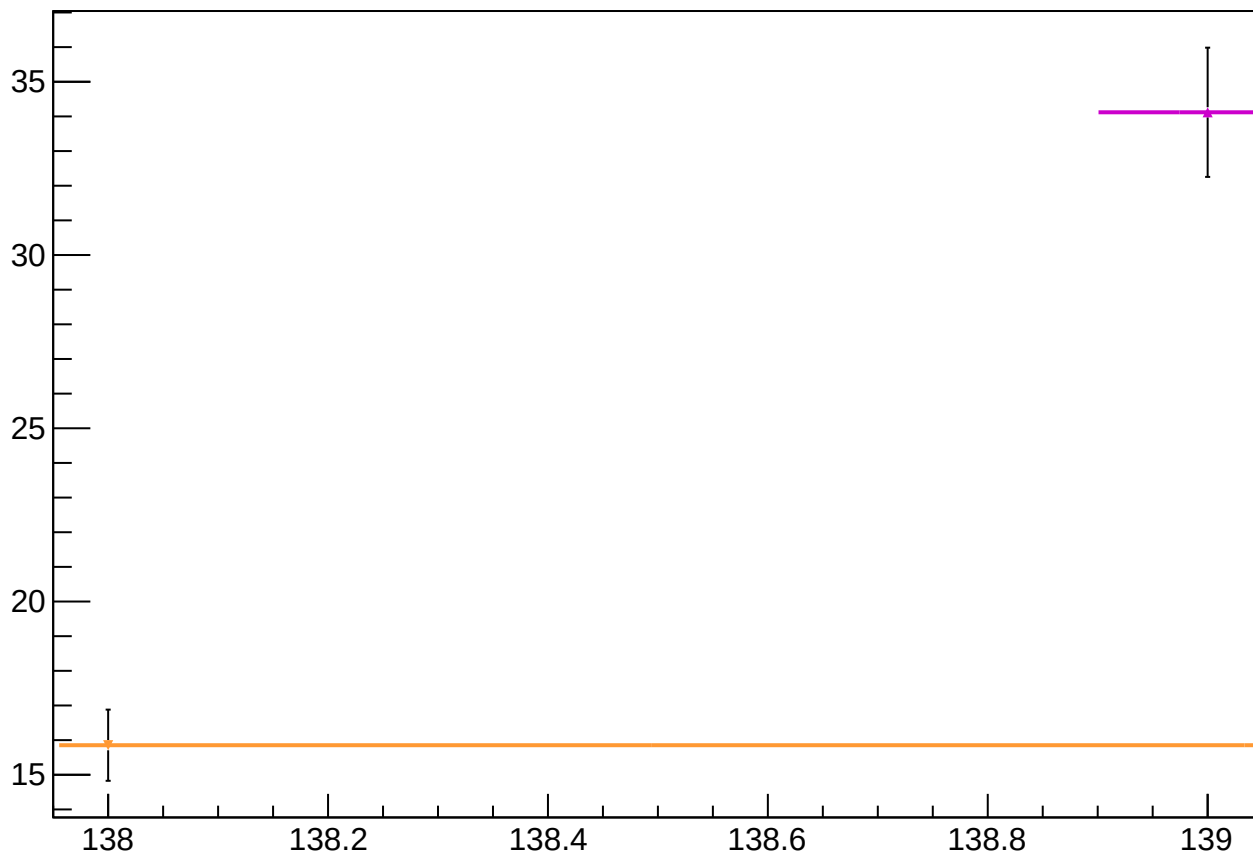
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.201+/-1.020 χ^2/NDF : 0.0/0

Out: -40.922+/-1.059 χ^2/NDF : 0.0/0

All: -24.990+/-0.735 χ^2/NDF : 436.6/1

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: 34.119+/-1.865 χ^2/NDF : 0.0/0

Left: 20.104+/-0.900 χ^2/NDF : 73.6/1

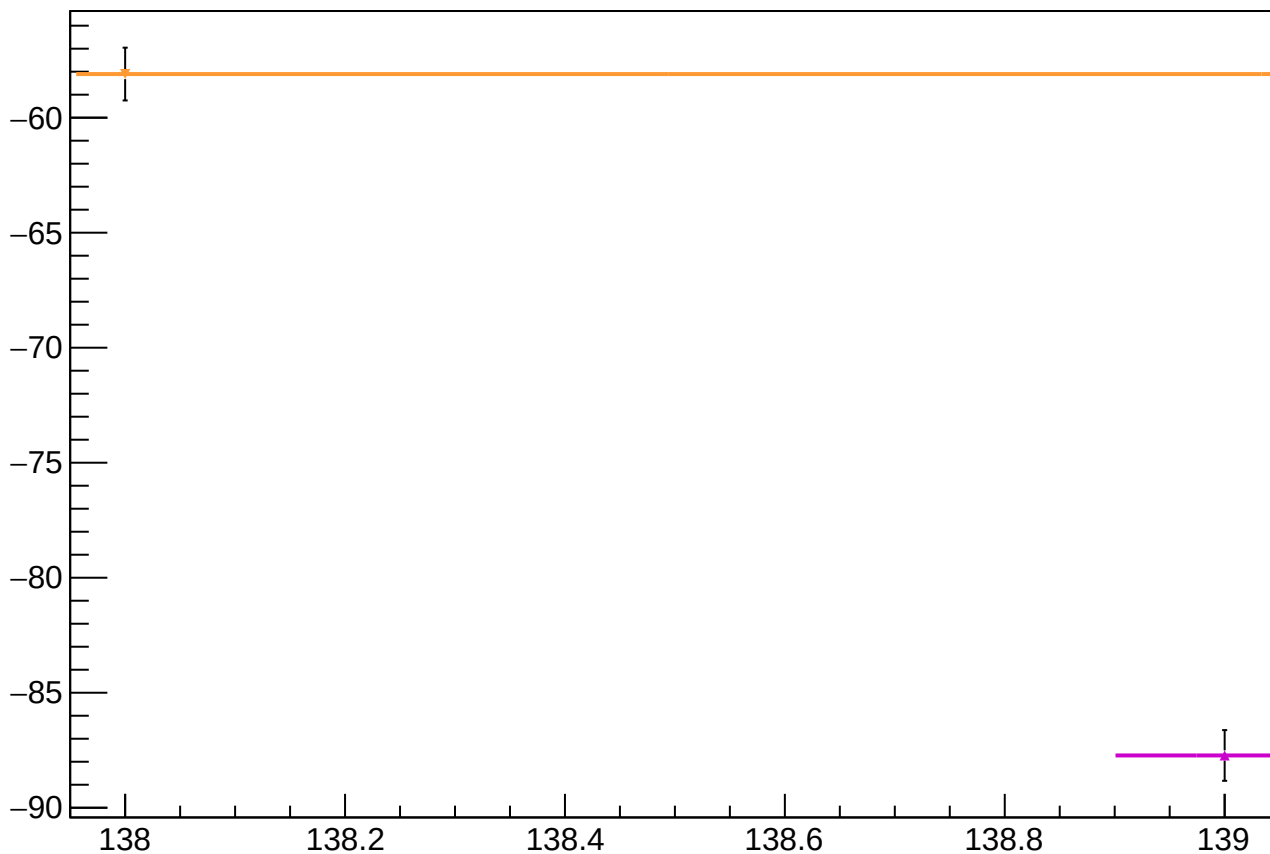
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.119+/-1.865 χ^2/NDF : 0.0/0

Out: 15.853+/-1.027 χ^2/NDF : 0.0/0

All: 20.104+/-0.900 χ^2/NDF : 73.6/1

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -58.103+/-1.147 χ^2/NDF : 0.0/0

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

Left In: -87.727+/-1.102 χ^2/NDF : 0.0/0

Left: -73.511+/-0.795 χ^2/NDF : 346.7/1

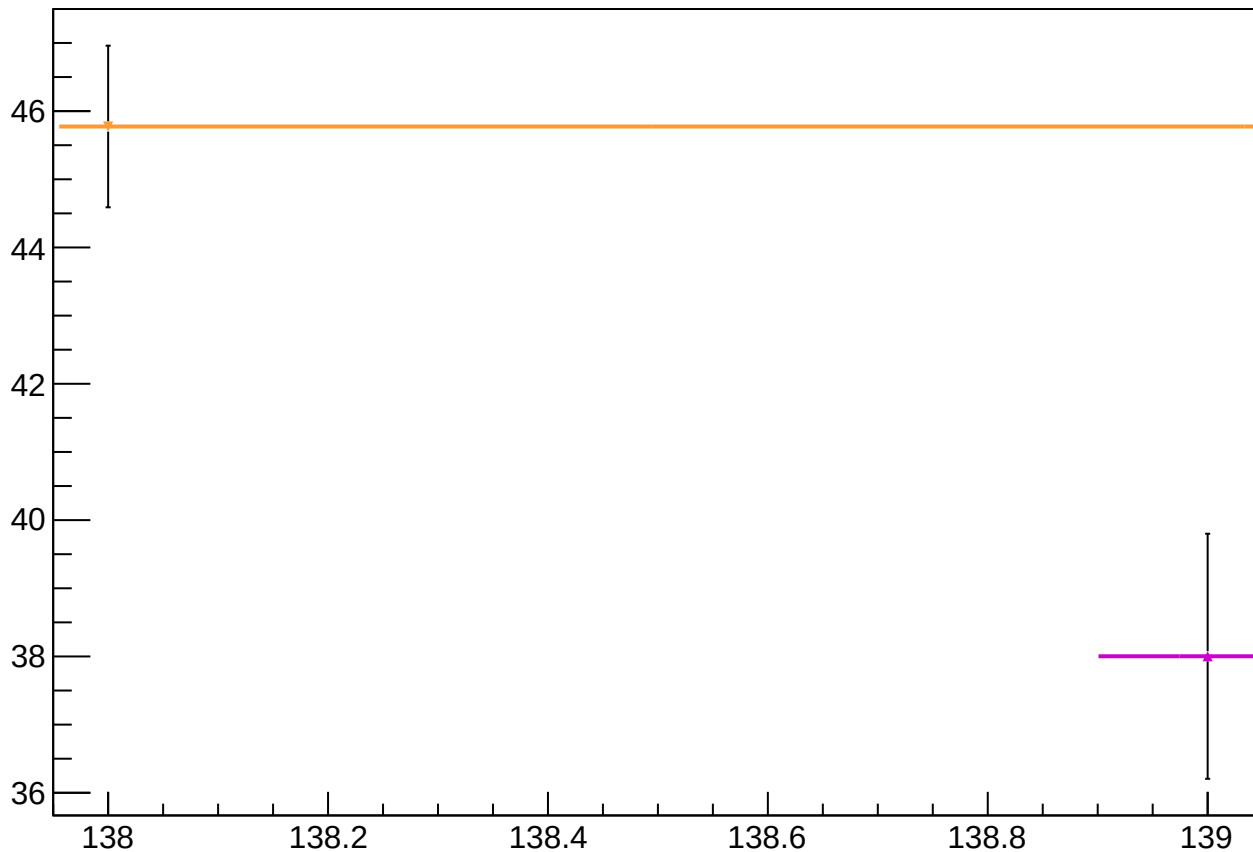
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.727+/-1.102 χ^2/NDF : 0.0/0

Out: -58.103+/-1.147 χ^2/NDF : 0.0/0

All: -73.511+/-0.795 χ^2/NDF : 346.7/1

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 45.775+/-1.186 χ^2/NDF : 0.0/0

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

Left In: 38.003+/-1.798 χ^2/NDF : 0.0/0

Left: 43.418+/-0.990 χ^2/NDF : 13.0/1

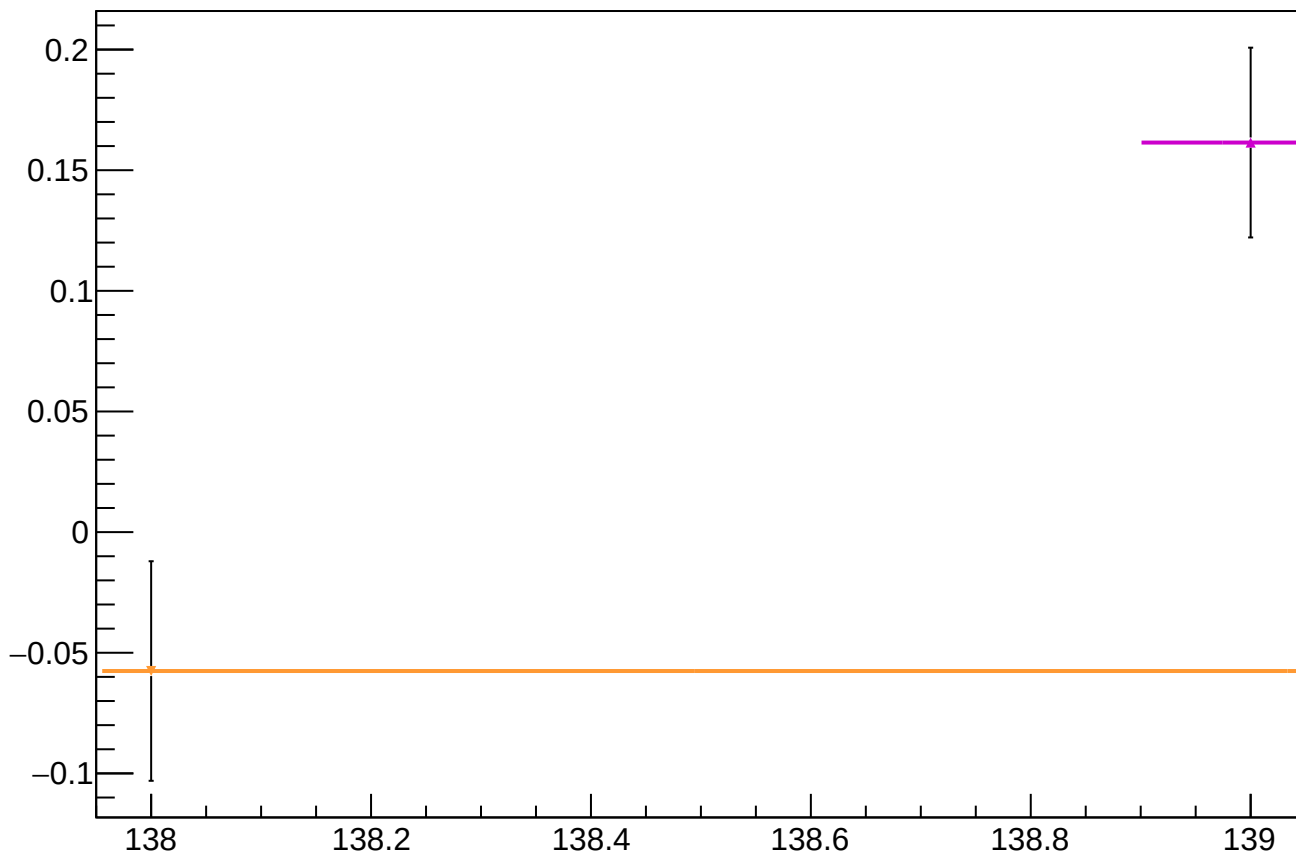
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.003+/-1.798 χ^2/NDF : 0.0/0

Out: 45.775+/-1.186 χ^2/NDF : 0.0/0

All: 43.418+/-0.990 χ^2/NDF : 13.0/1

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.058+/-0.045 χ^2/NDF : 0.0/0

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

Left In: 0.161+/-0.039 χ^2/NDF : 0.0/0

Left: 0.068+/-0.030 χ^2/NDF : 13.3/1

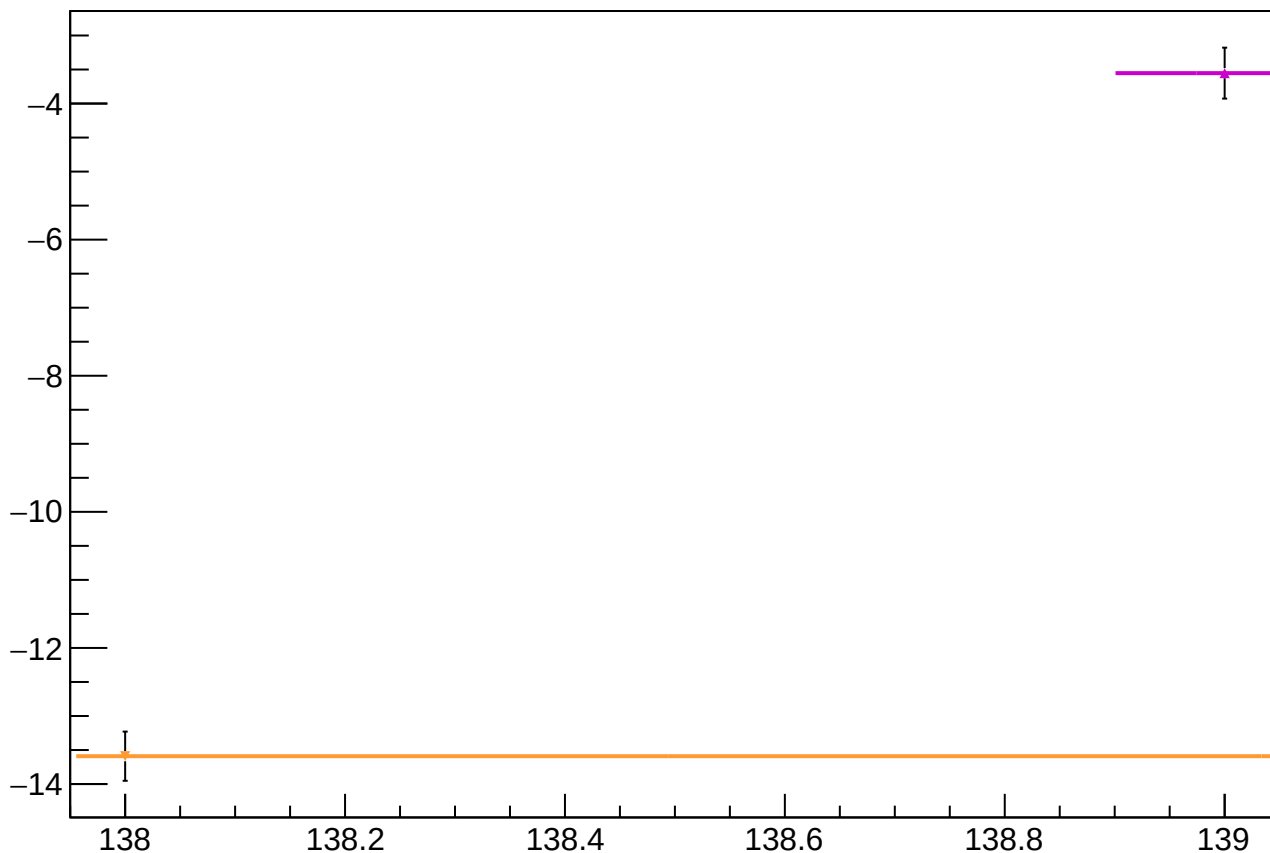
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.161+/-0.039 χ^2/NDF : 0.0/0

Out: -0.058+/-0.045 χ^2/NDF : 0.0/0

All: 0.068+/-0.030 χ^2/NDF : 13.3/1

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: -3.553+/-0.374 χ^2/NDF : 0.0/0

Left: -8.745+/-0.260 χ^2/NDF : 372.2/1

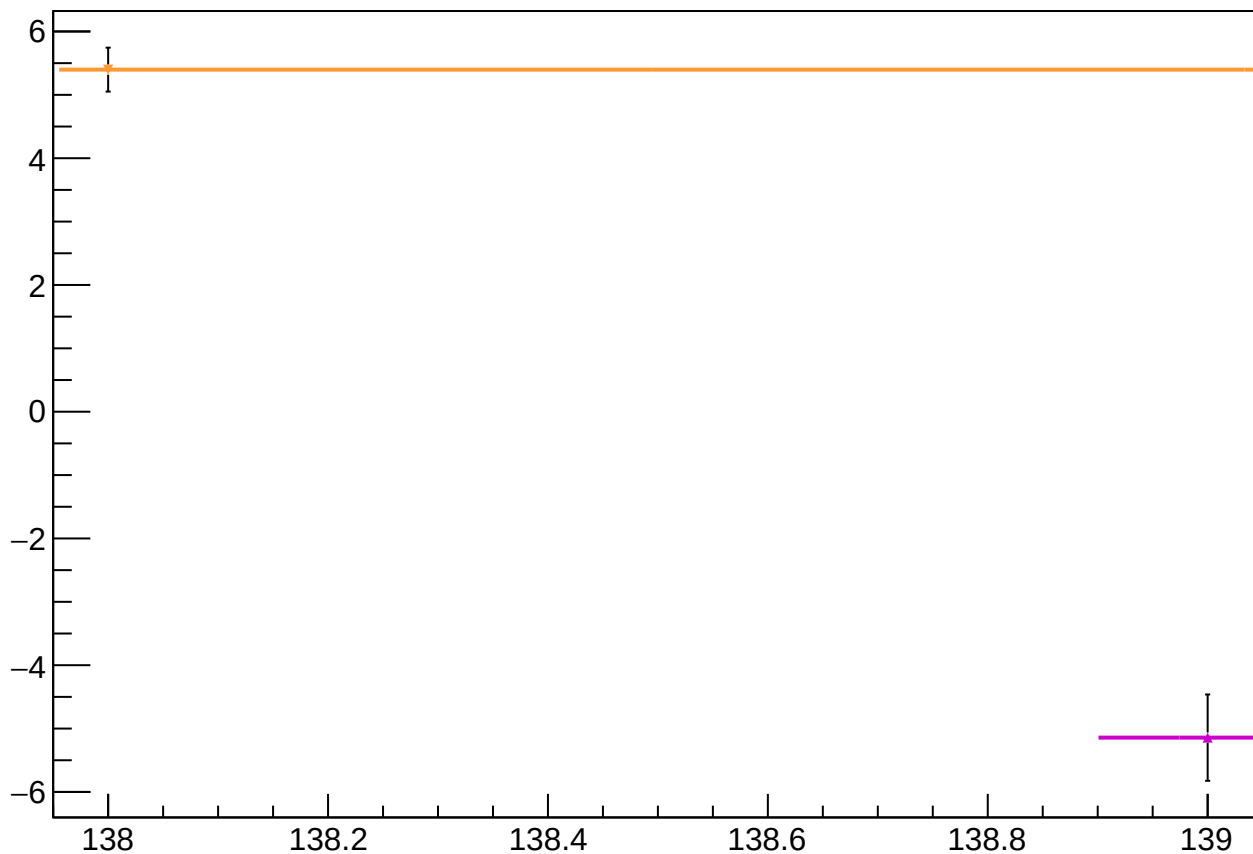
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.553+/-0.374 χ^2/NDF : 0.0/0

Out: -13.591+/-0.361 χ^2/NDF : 0.0/0

All: -8.745+/-0.260 χ^2/NDF : 372.2/1

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 5.398+/-0.347 χ^2/NDF : 0.0/0

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

Left In: -5.143+/-0.681 χ^2/NDF : 0.0/0

Left: 3.231+/-0.309 χ^2/NDF : 190.2/1

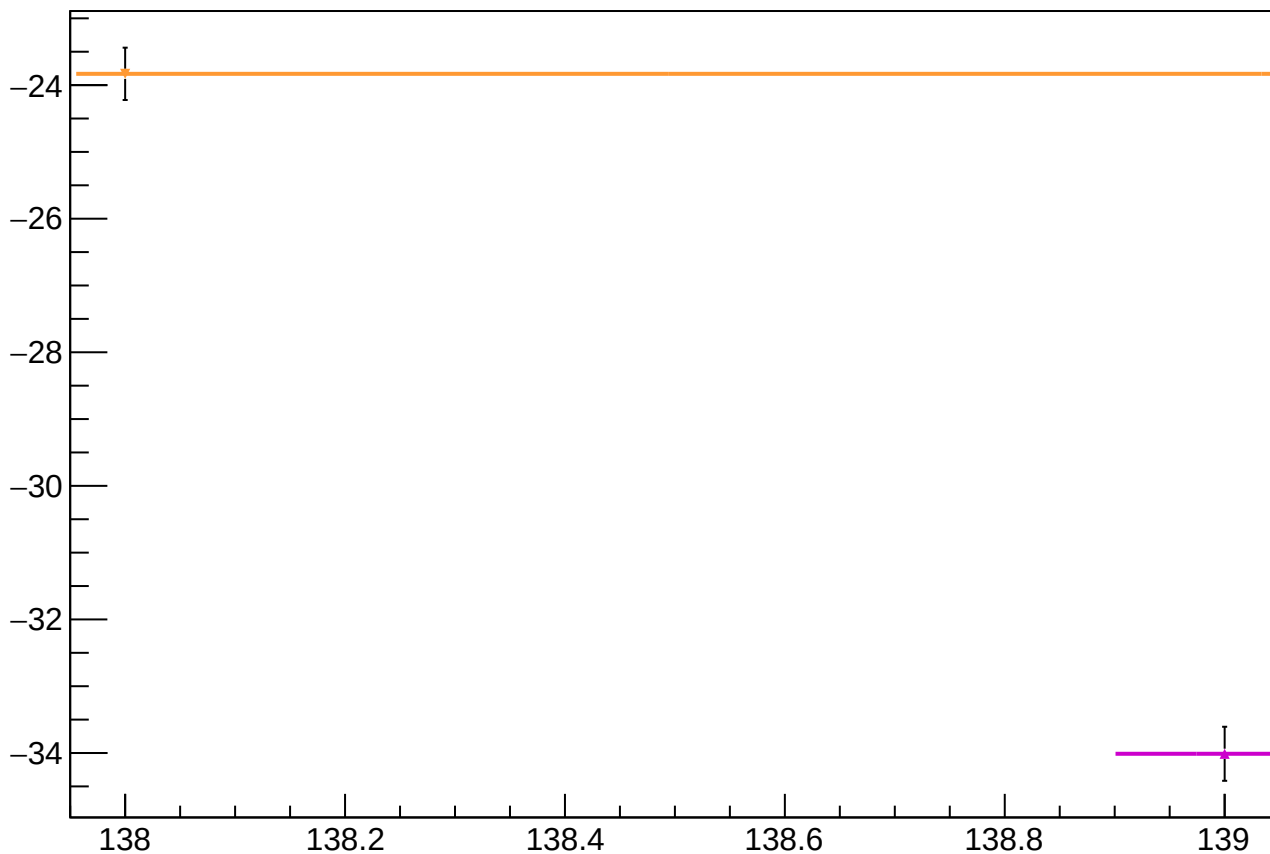
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.143+/-0.681 χ^2/NDF : 0.0/0

Out: 5.398+/-0.347 χ^2/NDF : 0.0/0

All: 3.231+/-0.309 χ^2/NDF : 190.2/1

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: -34.012+/-0.405 χ^2/NDF : 0.0/0

Left: -28.757+/-0.281 χ^2/NDF : 326.8/1

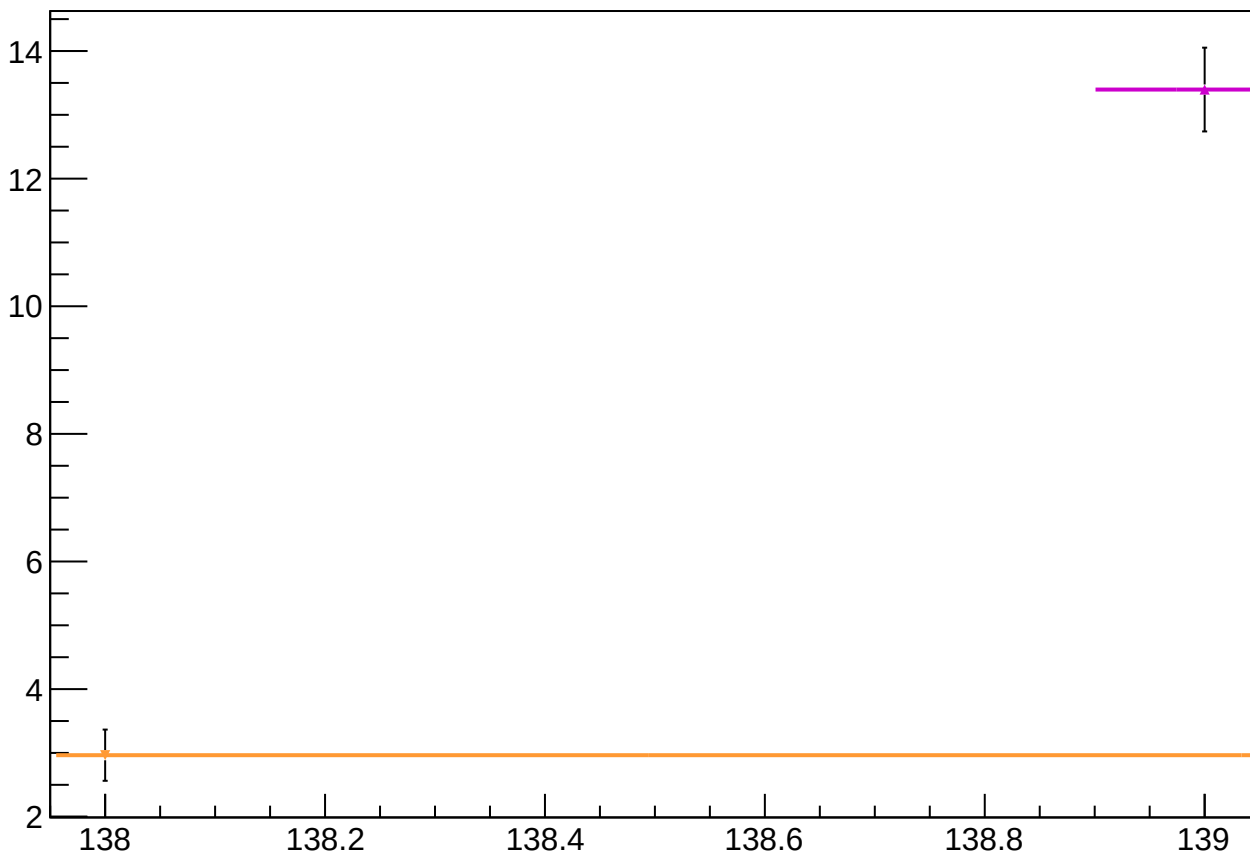
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.012+/-0.405 χ^2/NDF : 0.0/0

Out: -23.831+/-0.392 χ^2/NDF : 0.0/0

All: -28.757+/-0.281 χ^2/NDF : 326.8/1

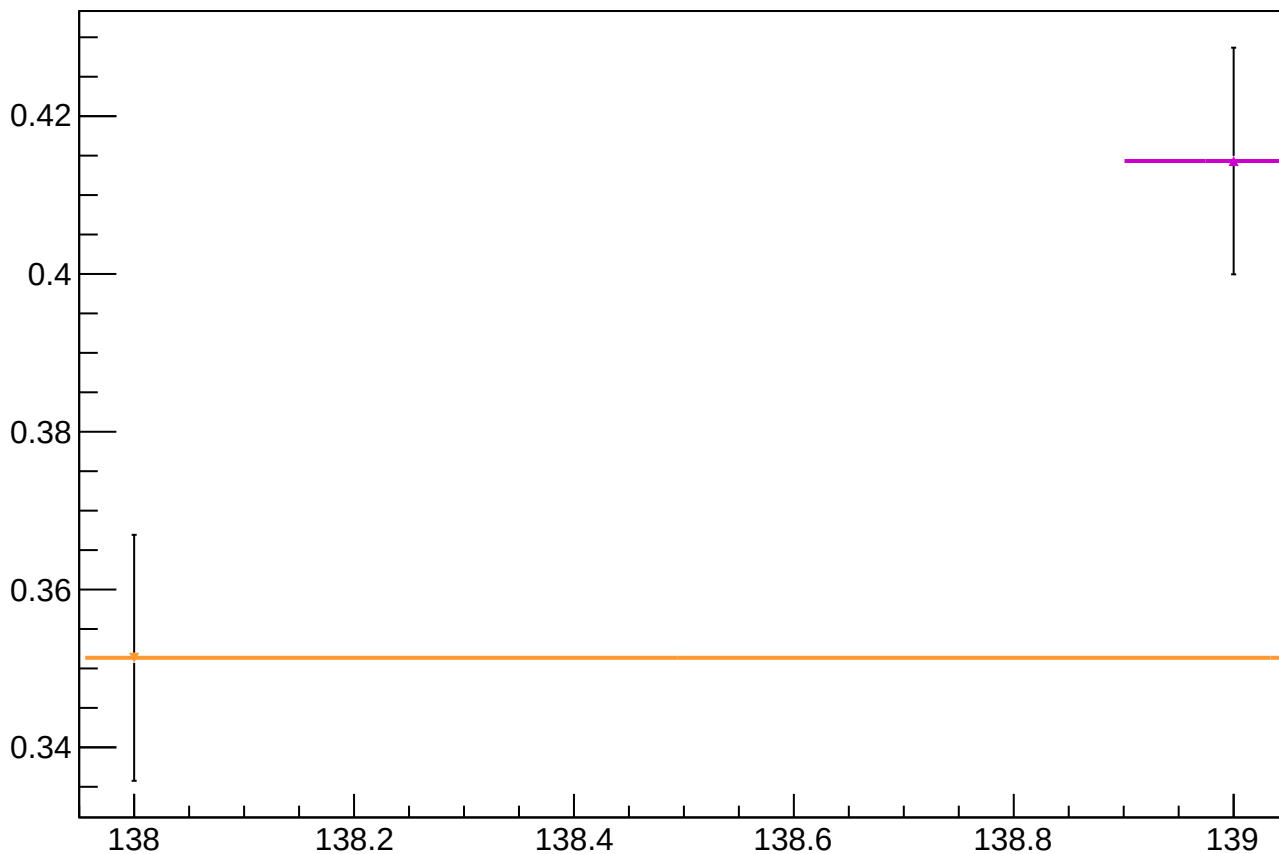
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.964+/-0.401 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.396+/-0.656 χ^2/NDF : 0.0/0

Left: 5.803+/-0.342 χ^2/NDF : 183.9/1
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.396+/-0.656 χ^2/NDF : 0.0/0
 Out: 2.964+/-0.401 χ^2/NDF : 0.0/0
 All: 5.803+/-0.342 χ^2/NDF : 183.9/1

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: 0.414+/-0.014 χ^2/NDF : 0.0/0

Left: 0.385+/-0.011 χ^2/NDF : 8.8/1

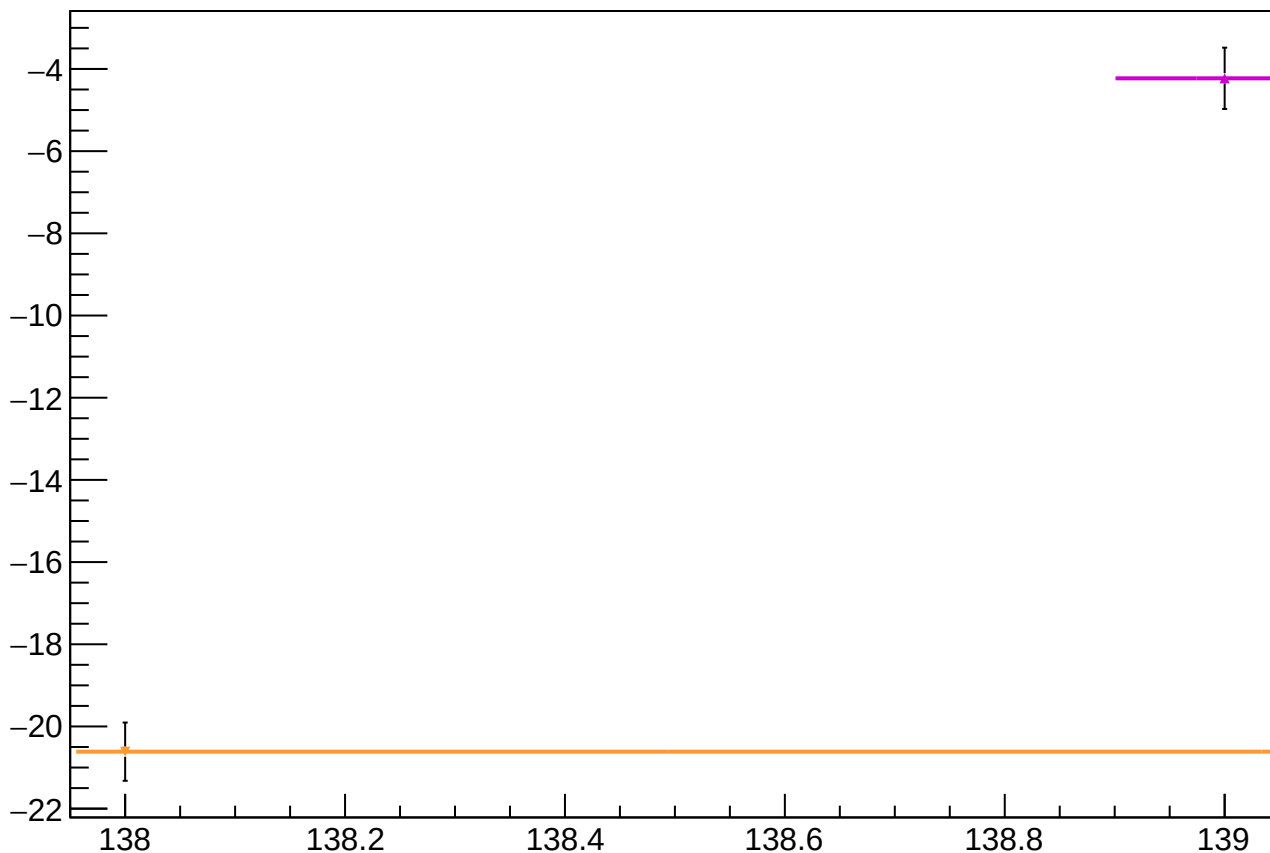
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.414+/-0.014 χ^2/NDF : 0.0/0

Out: 0.351+/-0.016 χ^2/NDF : 0.0/0

All: 0.385+/-0.011 χ^2/NDF : 8.8/1

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: -4.227+/-0.746 χ^2/NDF : 0.0/0

Left: -12.835+/-0.514 χ^2/NDF : 253.7/1

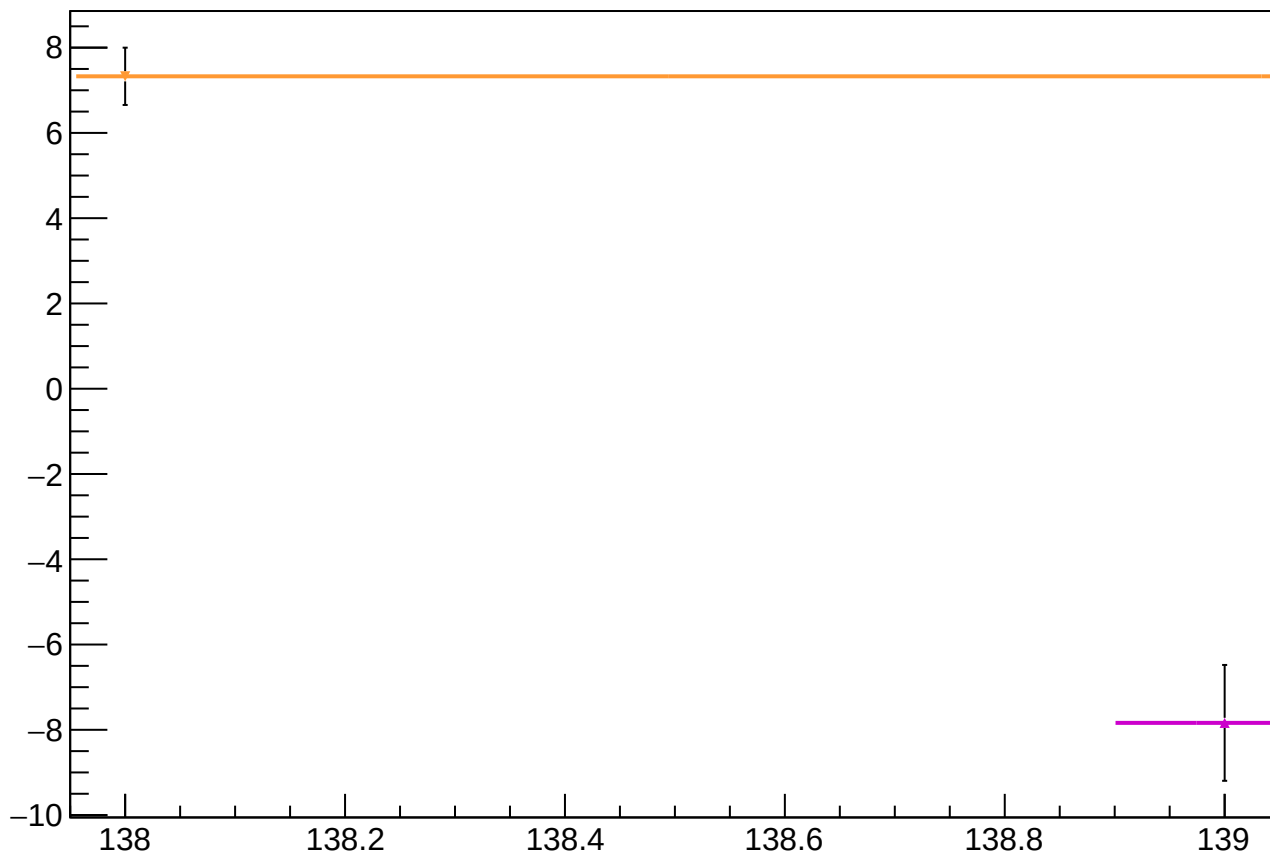
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.227+/-0.746 χ^2/NDF : 0.0/0

Out: -20.614+/-0.709 χ^2/NDF : 0.0/0

All: -12.835+/-0.514 χ^2/NDF : 253.7/1

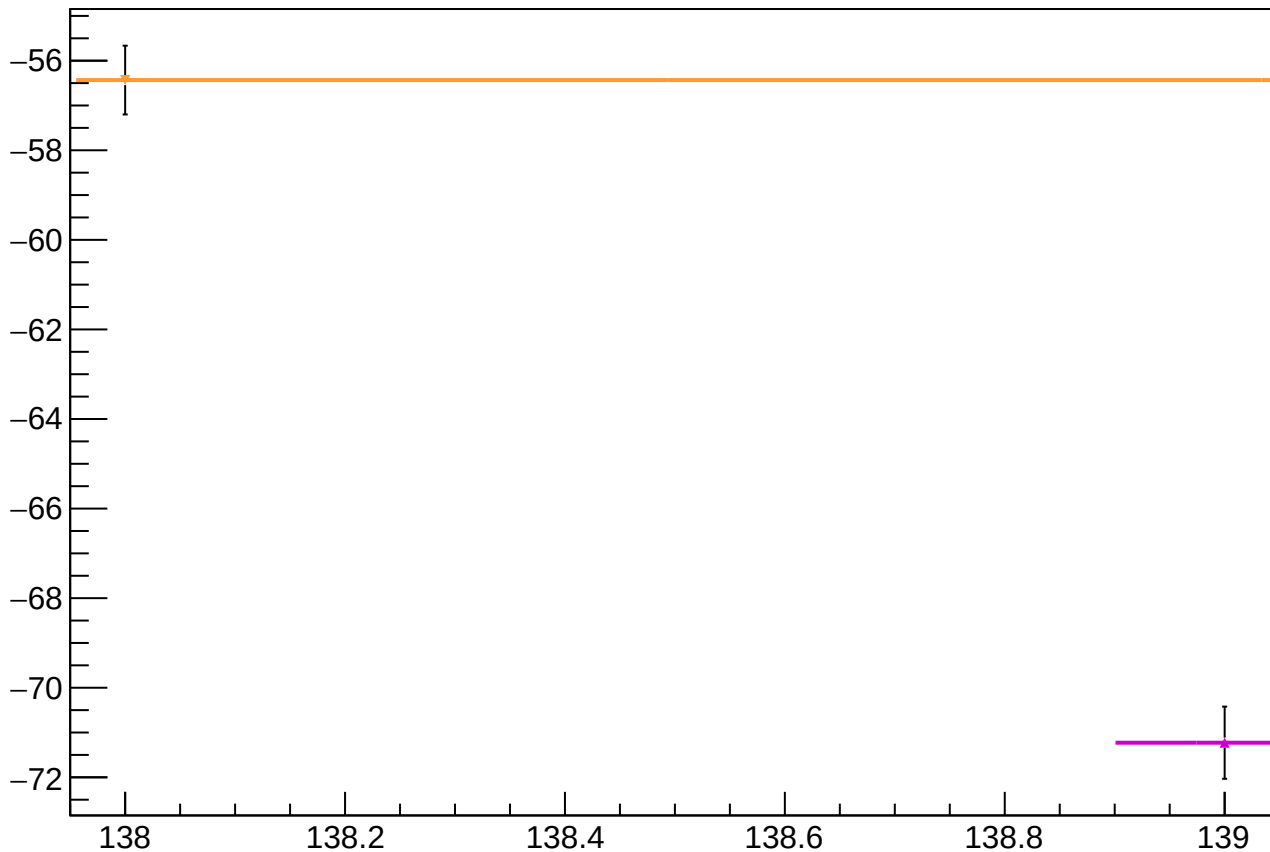
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -7.837+/-1.359 χ^2/NDF : 0.0/0

Left: 4.348+/-0.602 χ^2/NDF : 100.1/1
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.837+/-1.359 χ^2/NDF : 0.0/0
 Out: 7.327+/-0.672 χ^2/NDF : 0.0/0
 All: 4.348+/-0.602 χ^2/NDF : 100.1/1

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -56.432 $\pm$ 0.768 χ^2/NDF : 0.0/0

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

Left In: -71.227 $\pm$ 0.806 χ^2/NDF : 0.0/0

Left: -63.473 $\pm$ 0.556 χ^2/NDF : 176.6/1

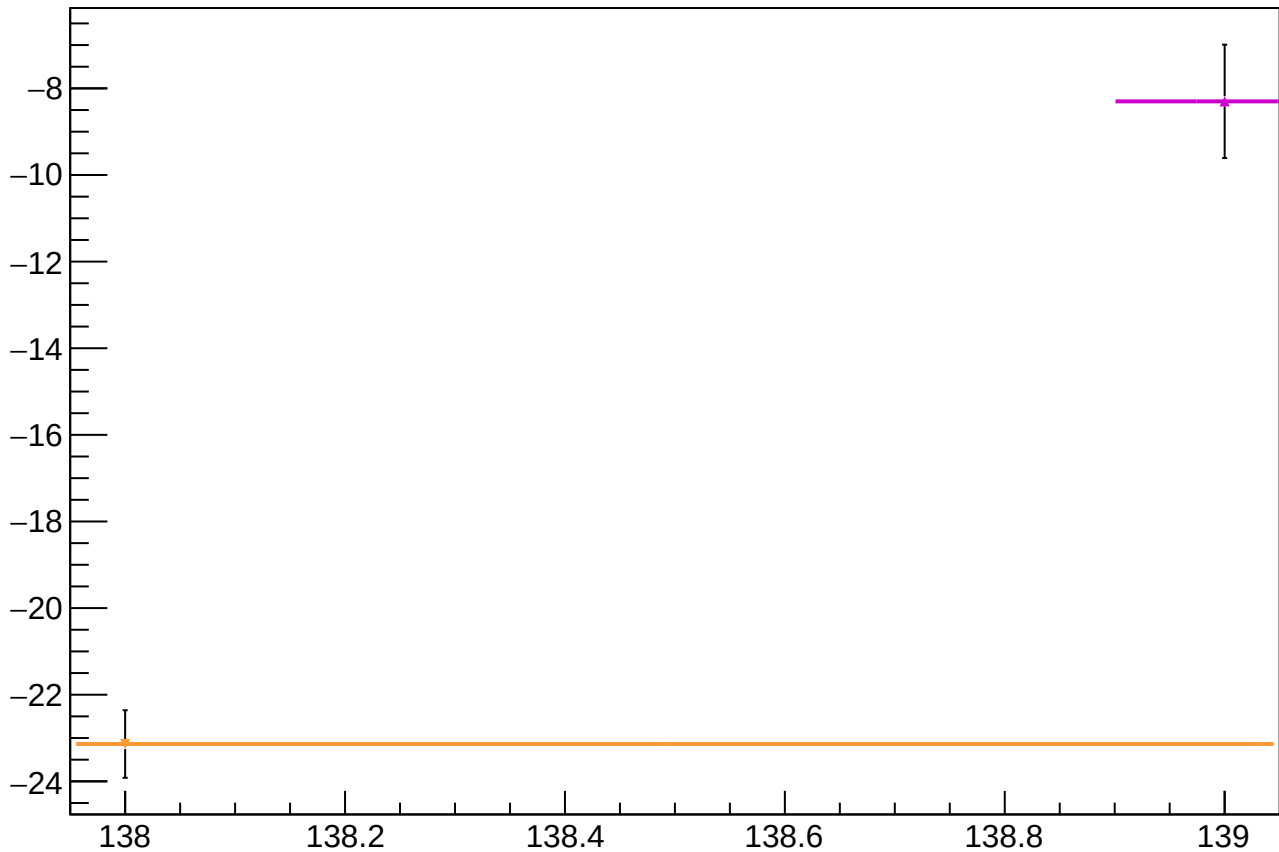
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -71.227 $\pm$ 0.806 χ^2/NDF : 0.0/0

Out: -56.432 $\pm$ 0.768 χ^2/NDF : 0.0/0

All: -63.473 $\pm$ 0.556 χ^2/NDF : 176.6/1

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: -8.300+/-1.309 χ^2/NDF : 0.0/0

Left: -19.251+/-0.670 χ^2/NDF : 94.8/1

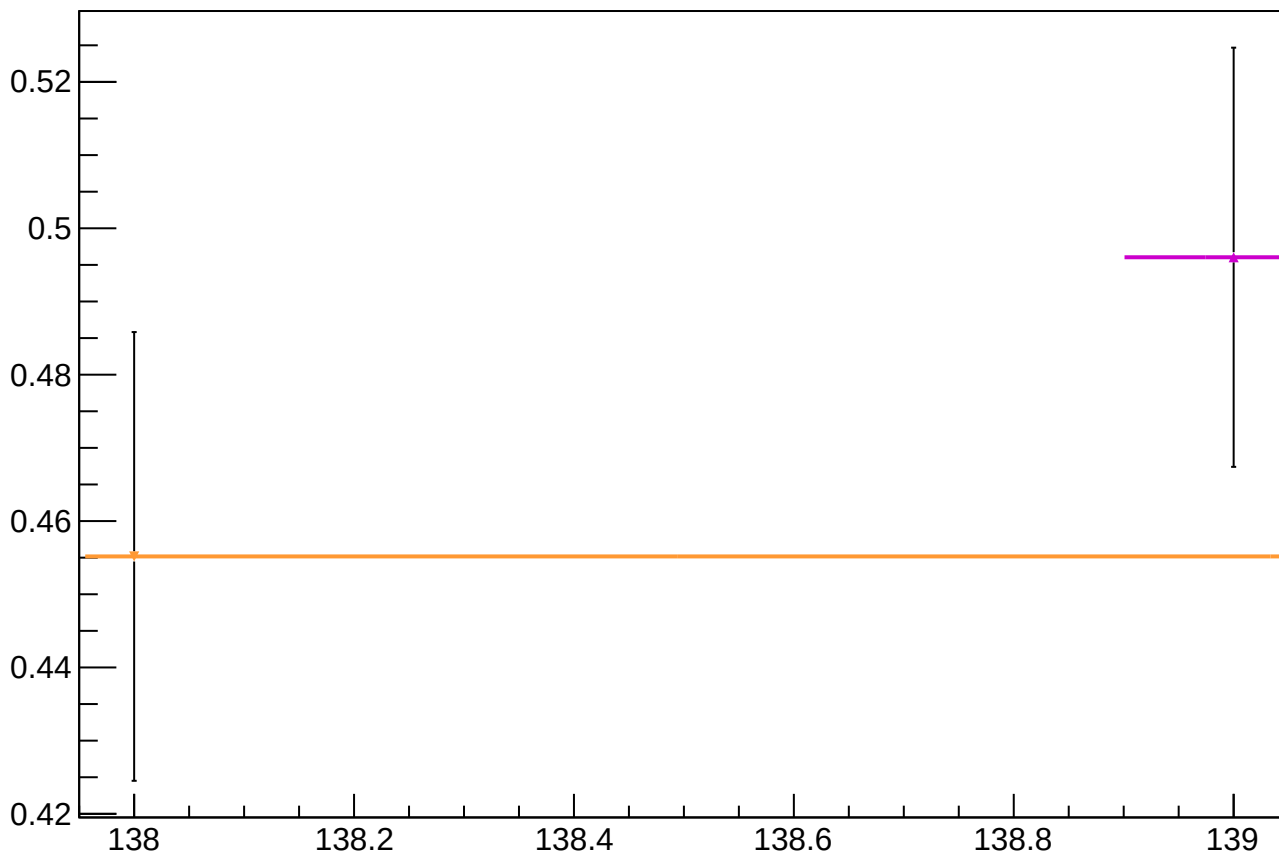
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.300+/-1.309 χ^2/NDF : 0.0/0

Out: -23.138+/-0.780 χ^2/NDF : 0.0/0

All: -19.251+/-0.670 χ^2/NDF : 94.8/1

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.455+/-0.031 χ^2/NDF : 0.0/0

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

Left In: 0.496+/-0.029 χ^2/NDF : 0.0/0

Left: 0.477+/-0.021 χ^2/NDF : 0.9/1

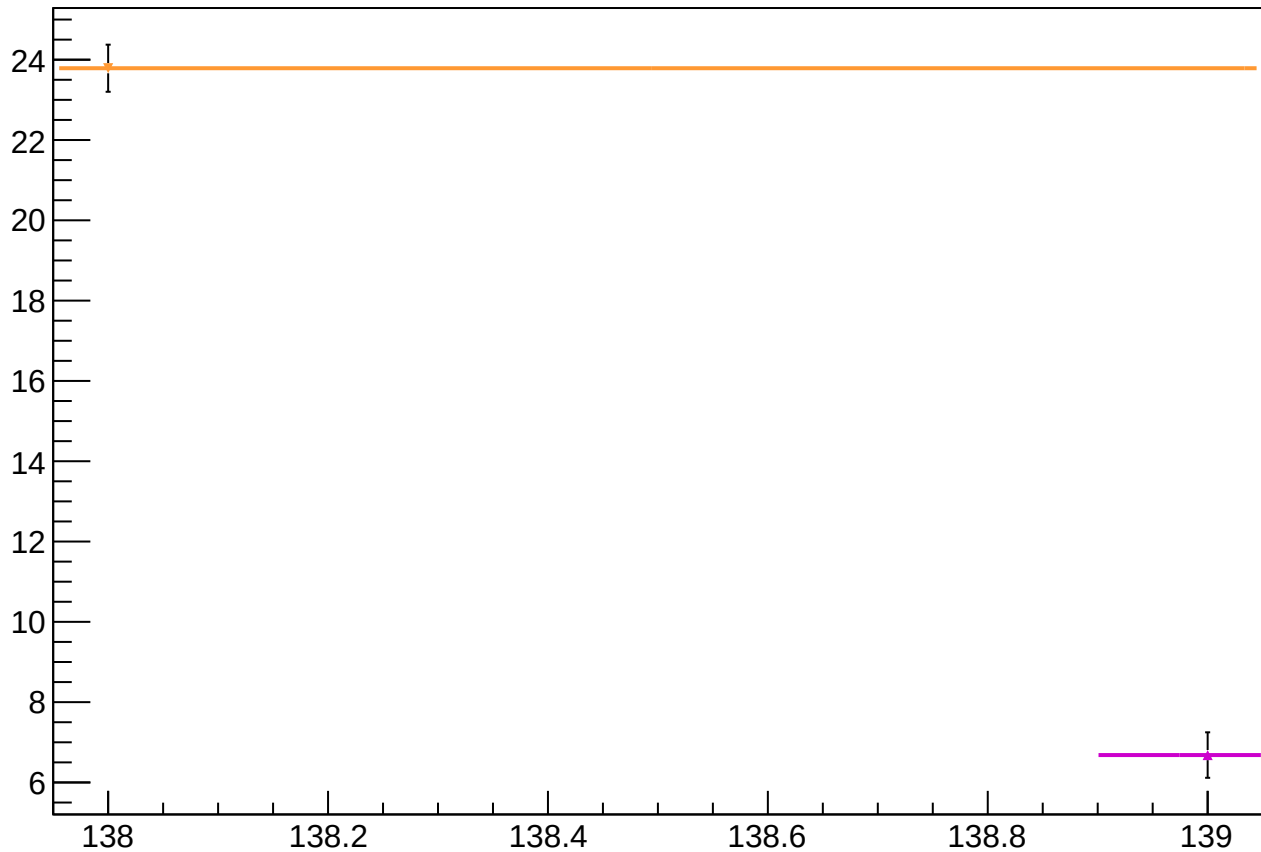
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.496+/-0.029 χ^2/NDF : 0.0/0

Out: 0.455+/-0.031 χ^2/NDF : 0.0/0

All: 0.477+/-0.021 χ^2/NDF : 0.9/1

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 23.788+/-0.587 χ^2/NDF : 0.0/0

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

Left In: 6.682+/-0.566 χ^2/NDF : 0.0/0

Left: 14.935+/-0.407 χ^2/NDF : 440.0/1

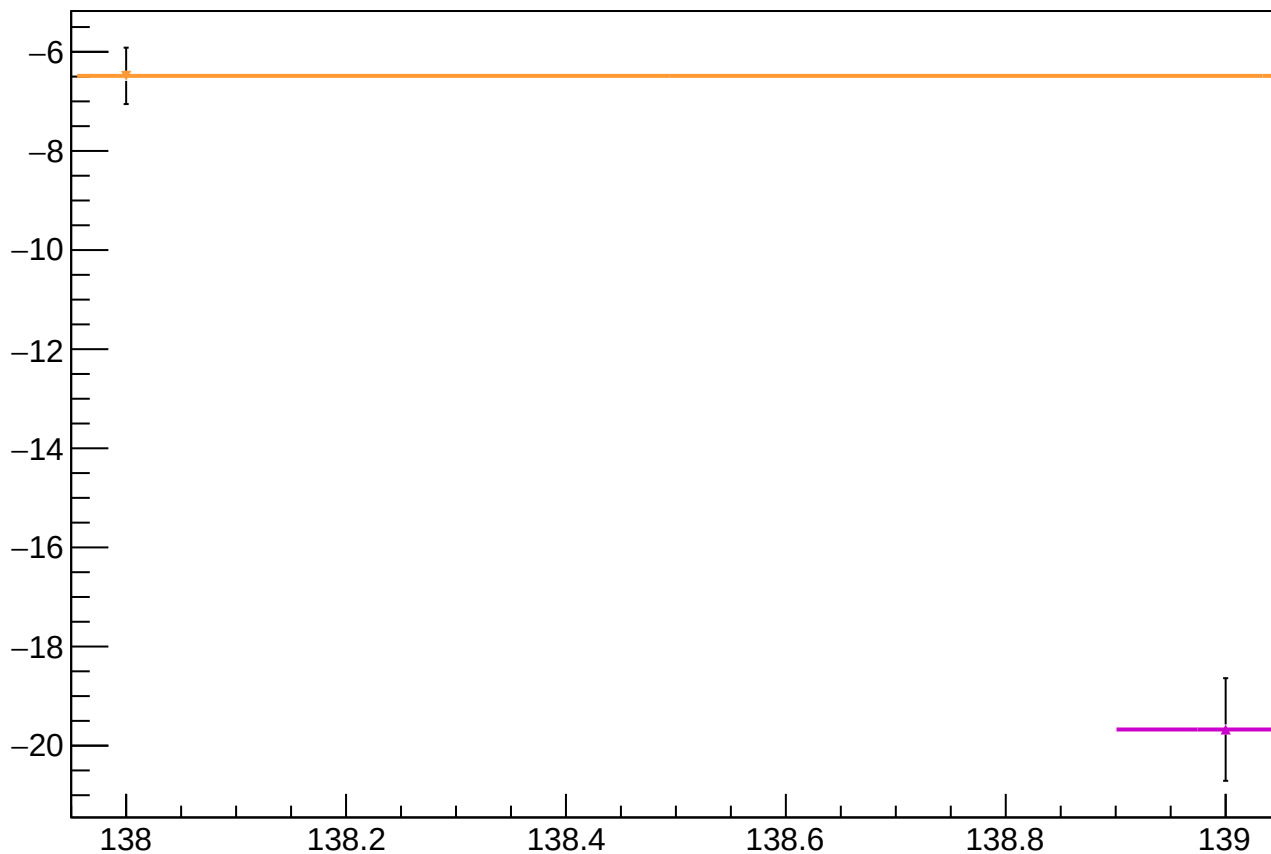
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.682+/-0.566 χ^2/NDF : 0.0/0

Out: 23.788+/-0.587 χ^2/NDF : 0.0/0

All: 14.935+/-0.407 χ^2/NDF : 440.0/1

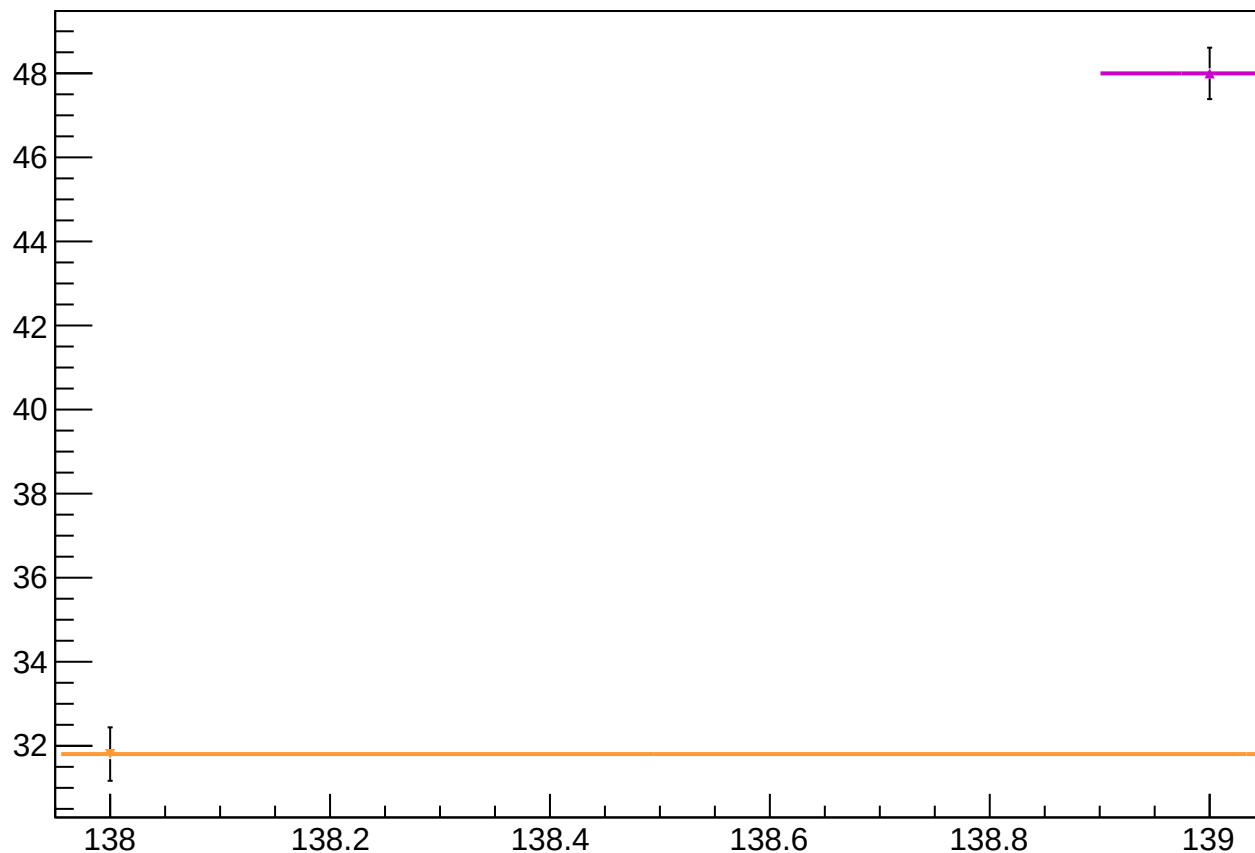
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -19.674+/-1.035 χ^2/NDF : 0.0/0

Left: -9.545+/-0.499 χ^2/NDF : 124.6/1
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.674+/-1.035 χ^2/NDF : 0.0/0
 Out: -6.485+/-0.569 χ^2/NDF : 0.0/0
 All: -9.545+/-0.499 χ^2/NDF : 124.6/1

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: 47.998+/-0.612 χ^2/NDF : 0.0/0

Left: 40.210+/-0.441 χ^2/NDF : 336.8/1

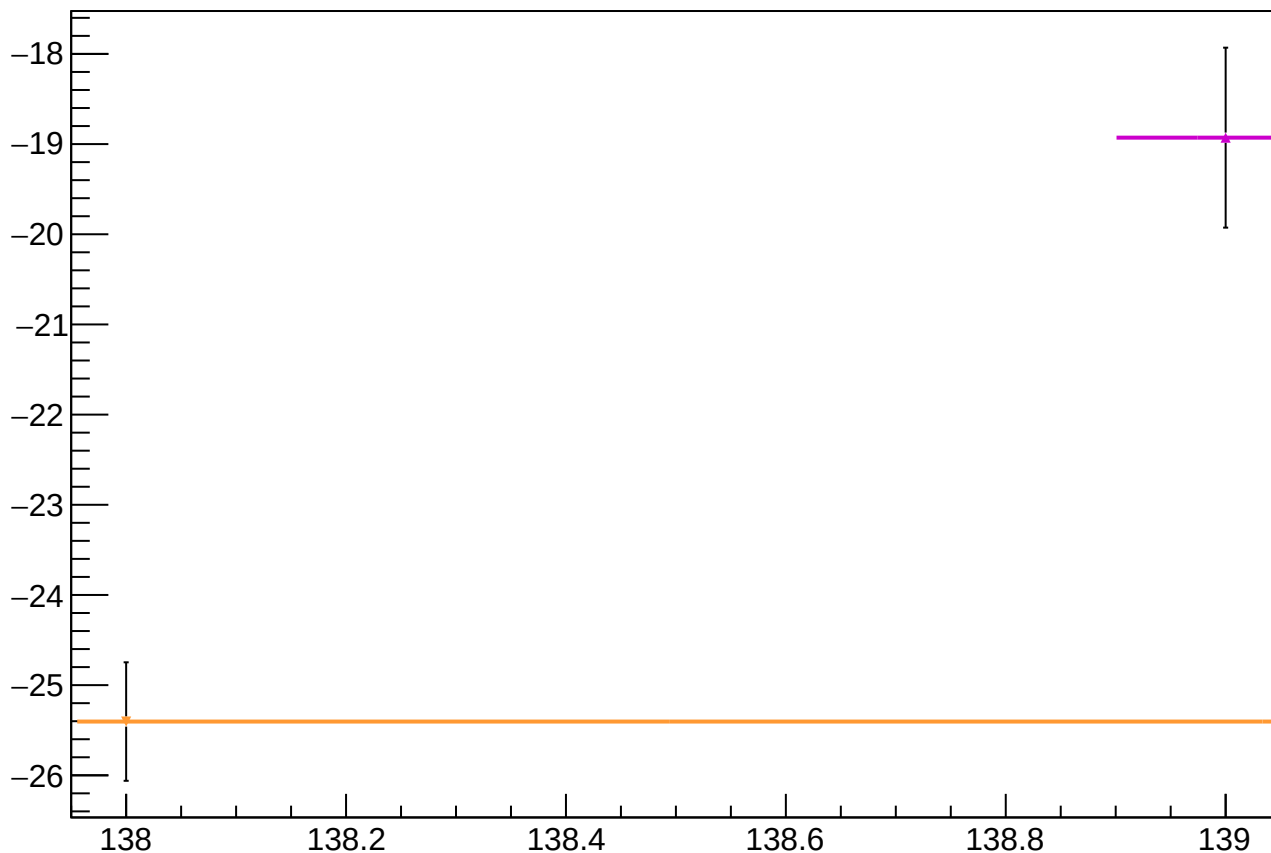
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.998+/-0.612 χ^2/NDF : 0.0/0

Out: 31.804+/-0.636 χ^2/NDF : 0.0/0

All: 40.210+/-0.441 χ^2/NDF : 336.8/1

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: -18.929+/-0.998 χ^2/NDF : 0.0/0

Left: -23.446+/-0.549 χ^2/NDF : 29.4/1

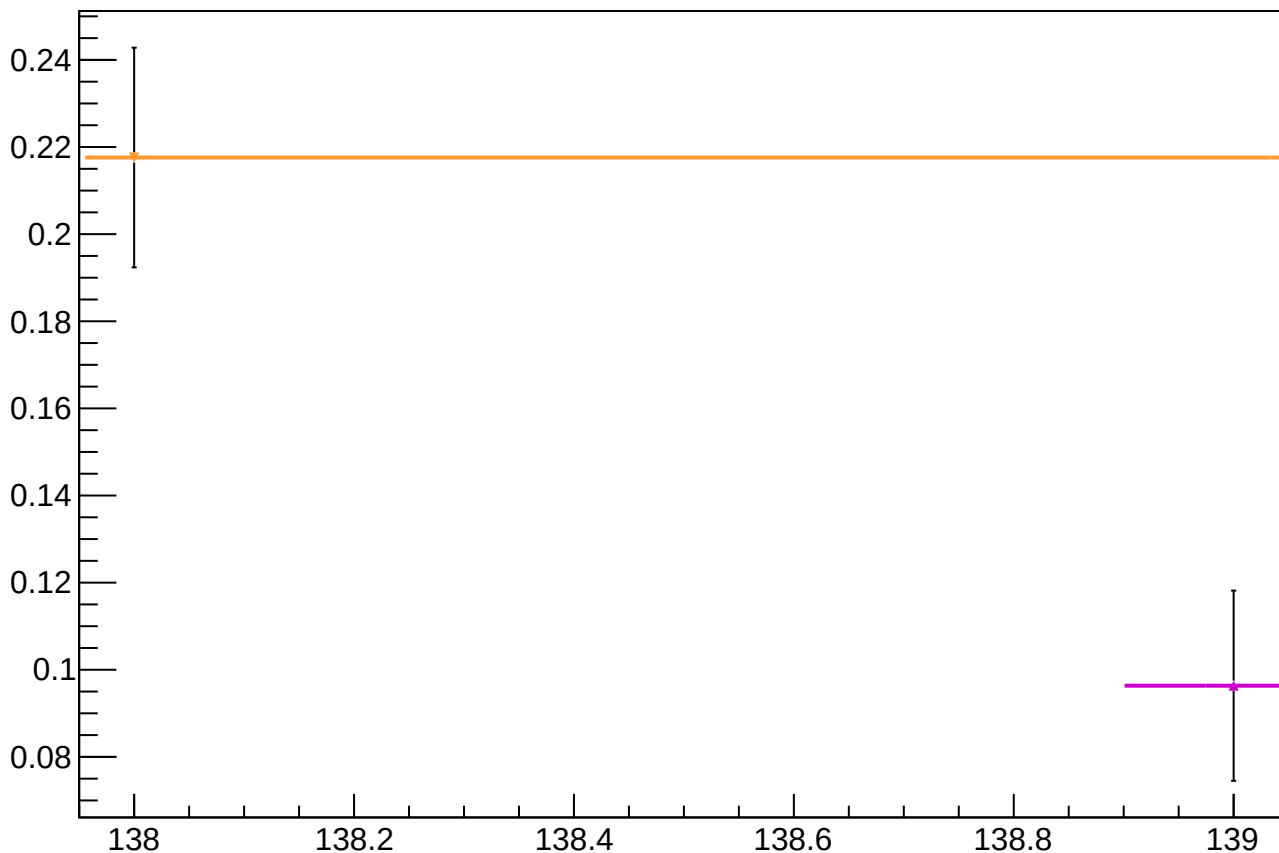
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.929+/-0.998 χ^2/NDF : 0.0/0

Out: -25.404+/-0.657 χ^2/NDF : 0.0/0

All: -23.446+/-0.549 χ^2/NDF : 29.4/1

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: 0.096+/-0.022 χ^2/NDF : 0.0/0

Left: 0.148+/-0.017 χ^2/NDF : 13.2/1

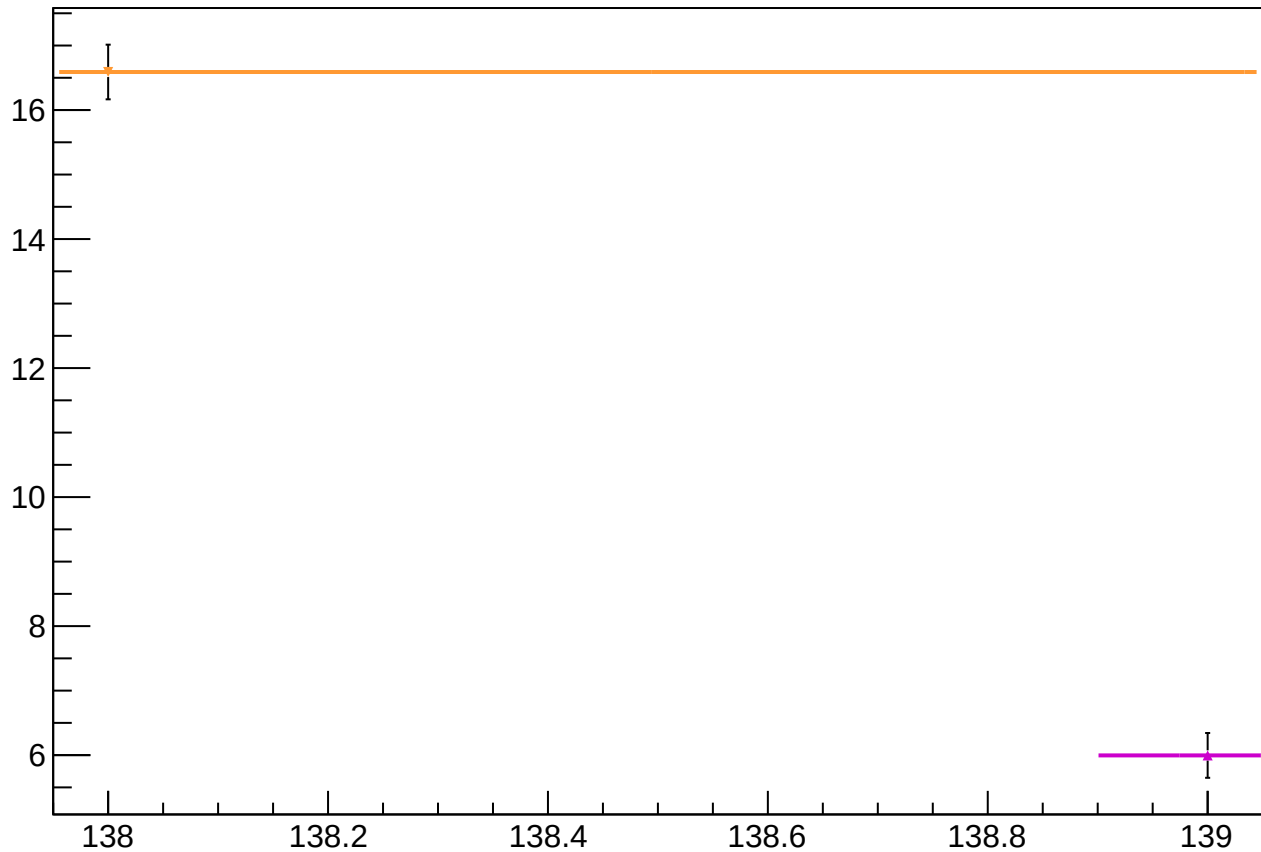
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.096+/-0.022 χ^2/NDF : 0.0/0

Out: 0.218+/-0.025 χ^2/NDF : 0.0/0

All: 0.148+/-0.017 χ^2/NDF : 13.2/1

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 16.590 $\pm$ 0.424 χ^2 /NDF:0.0/0

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

Left In: 5.996 $\pm$ 0.347 χ^2 /NDF:0.0/0

Left: 10.252 $\pm$ 0.269 χ^2 /NDF: 374.1/1

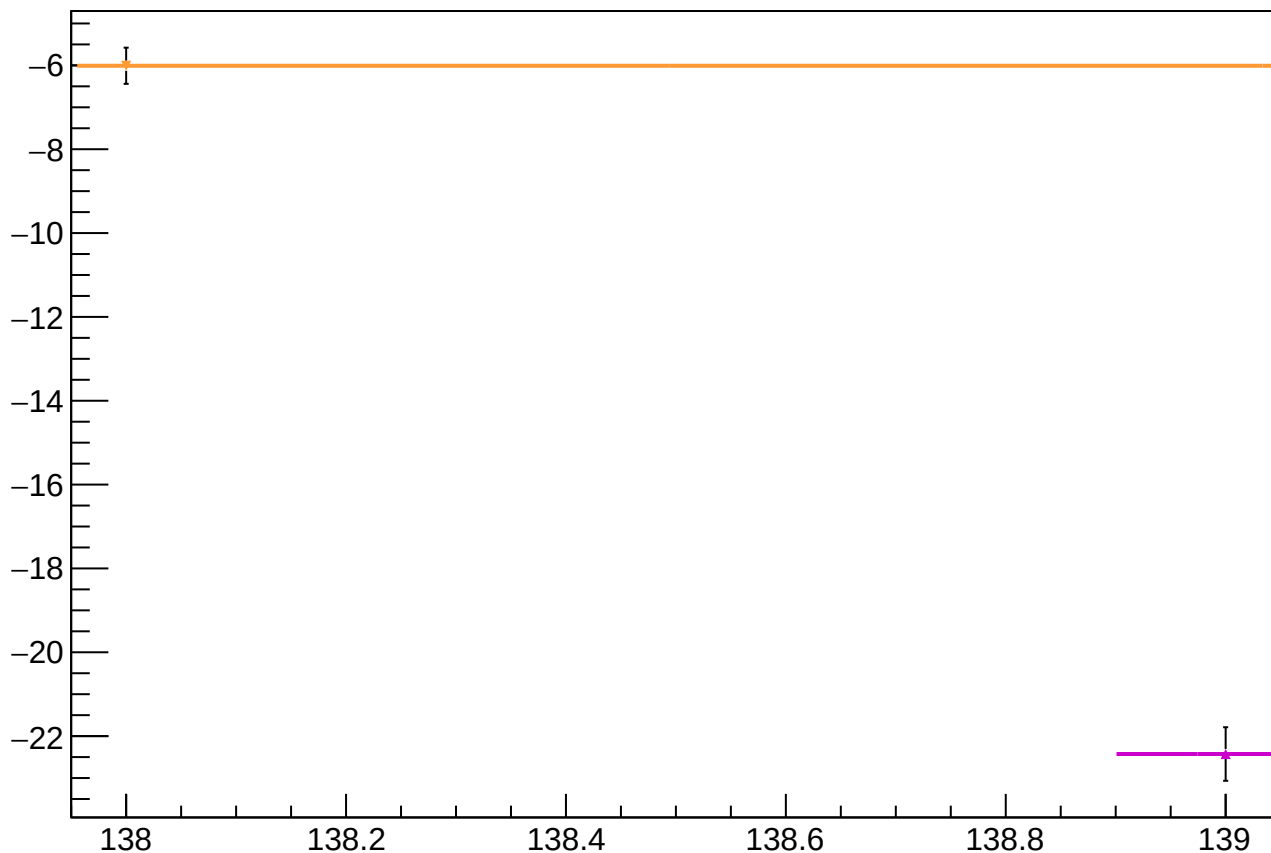
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 5.996 $\pm$ 0.347 χ^2 /NDF:0.0/0

Out: 16.590 $\pm$ 0.424 χ^2 /NDF:0.0/0

All: 10.252 $\pm$ 0.269 χ^2 /NDF: 374.1/1

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: -22.427+/-0.639 χ^2/NDF : 0.0/0

Left: -11.151+/-0.358 χ^2/NDF : 453.4/1

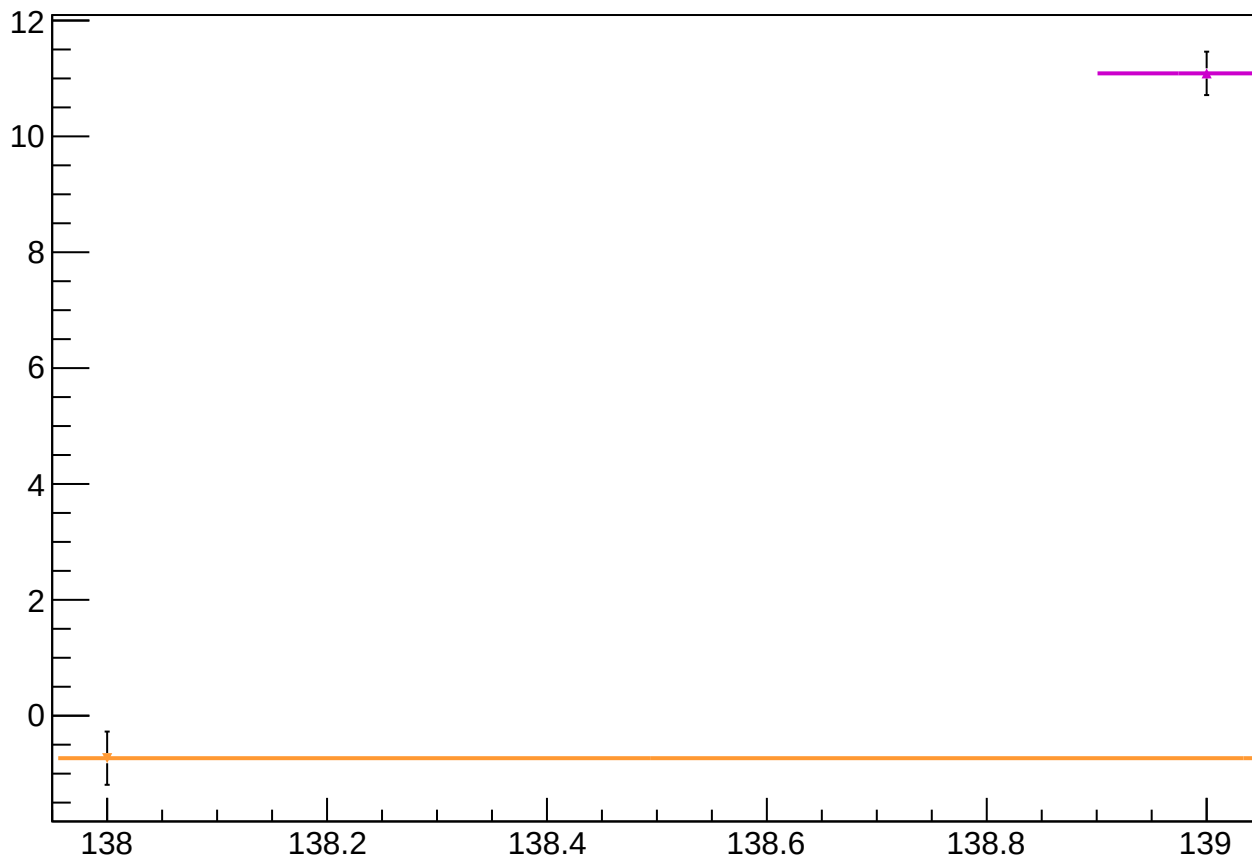
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.427+/-0.639 χ^2/NDF : 0.0/0

Out: -6.009+/-0.431 χ^2/NDF : 0.0/0

All: -11.151+/-0.358 χ^2/NDF : 453.4/1

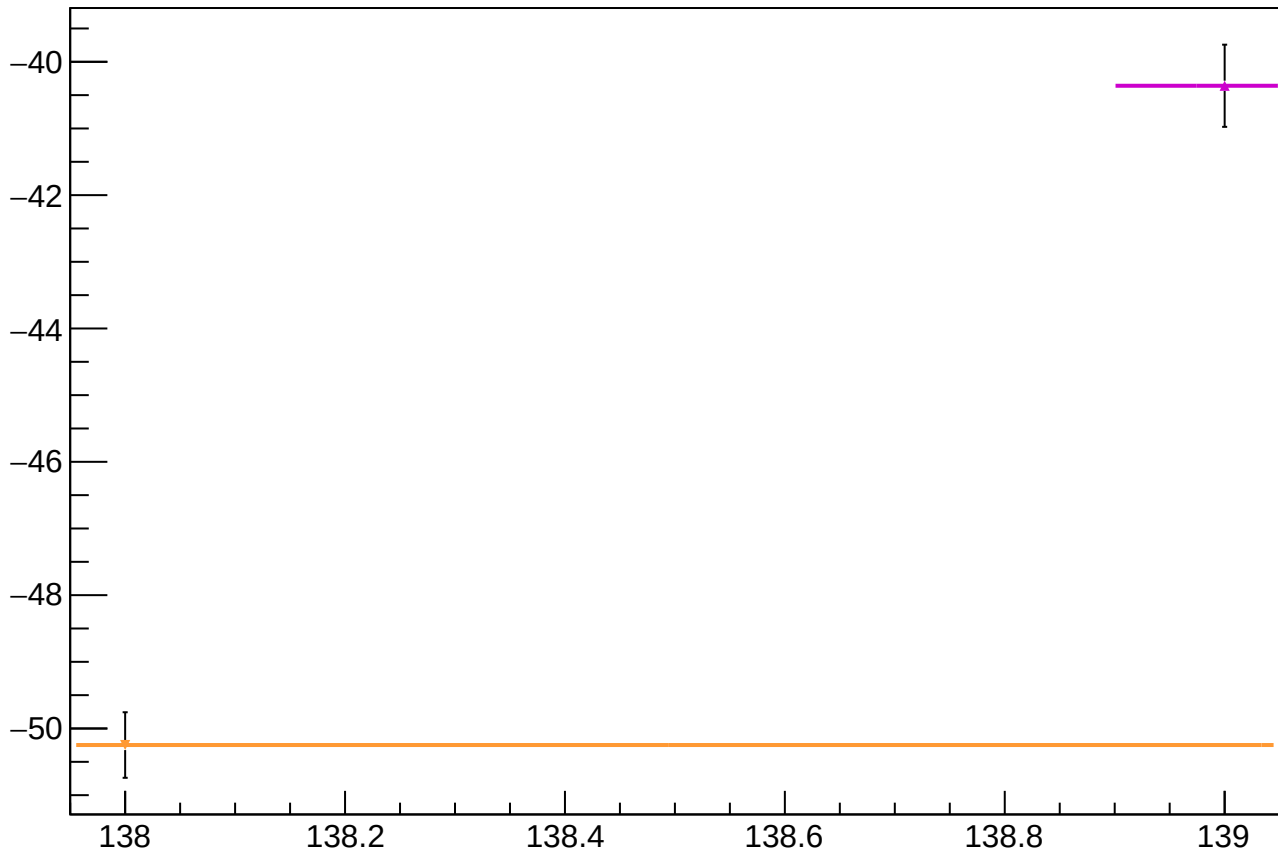
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 11.088±/-0.375 χ^2/NDF : 0.0/0

Left: 6.366±/-0.290 χ^2/NDF : 397.7/1
 Right: 0.000±/-0.000 χ^2/NDF : 0.0/0
 In: 11.088±/-0.375 χ^2/NDF : 0.0/0
 Out: -0.733±/-0.459 χ^2/NDF : 0.0/0
 All: 6.366±/-0.290 χ^2/NDF : 397.7/1

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: -40.359 +/- 0.616 χ^2/NDF : 0.0/0

Left: -46.402 +/- 0.384 χ^2/NDF : 157.3/1

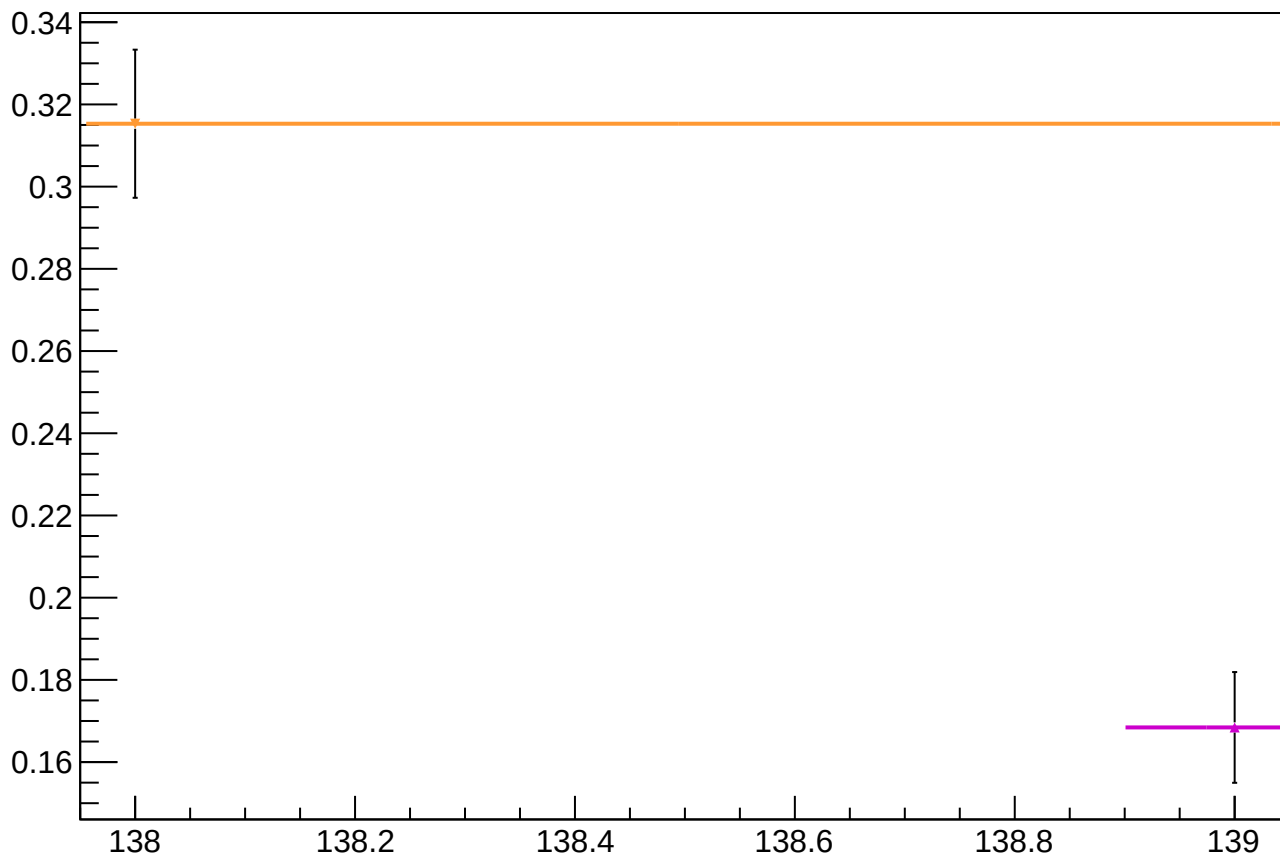
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -40.359 +/- 0.616 χ^2/NDF : 0.0/0

Out: -50.248 +/- 0.492 χ^2/NDF : 0.0/0

All: -46.402 +/- 0.384 χ^2/NDF : 157.3/1

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: 0.168+/-0.013 χ^2/NDF : 0.0/0

Left: 0.221+/-0.011 χ^2/NDF : 42.6/1

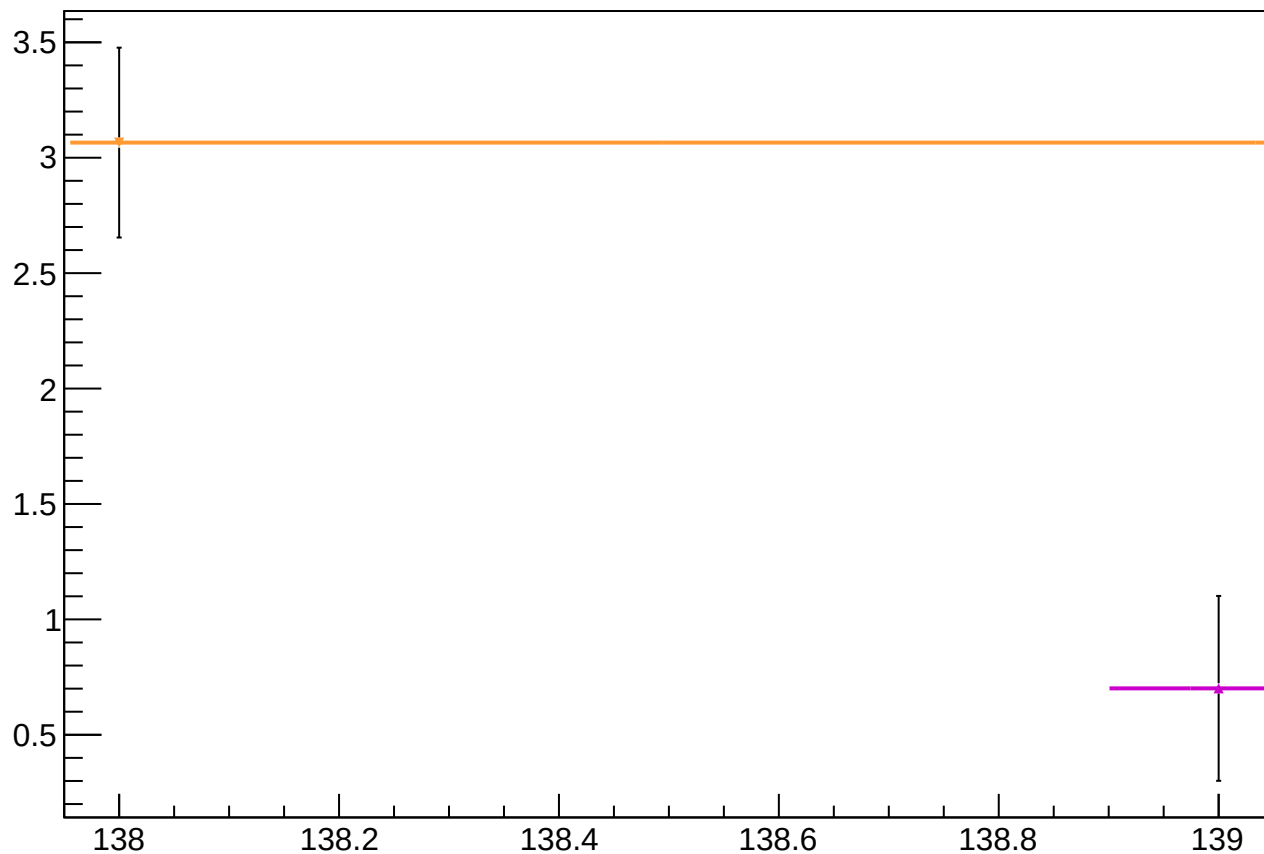
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.168+/-0.013 χ^2/NDF : 0.0/0

Out: 0.315+/-0.018 χ^2/NDF : 0.0/0

All: 0.221+/-0.011 χ^2/NDF : 42.6/1

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: 0.701 $\pm$ 0.400 χ^2 /NDF: 0.0/0

Left: 1.852 $\pm$ 0.287 χ^2 /NDF: 17.0/1

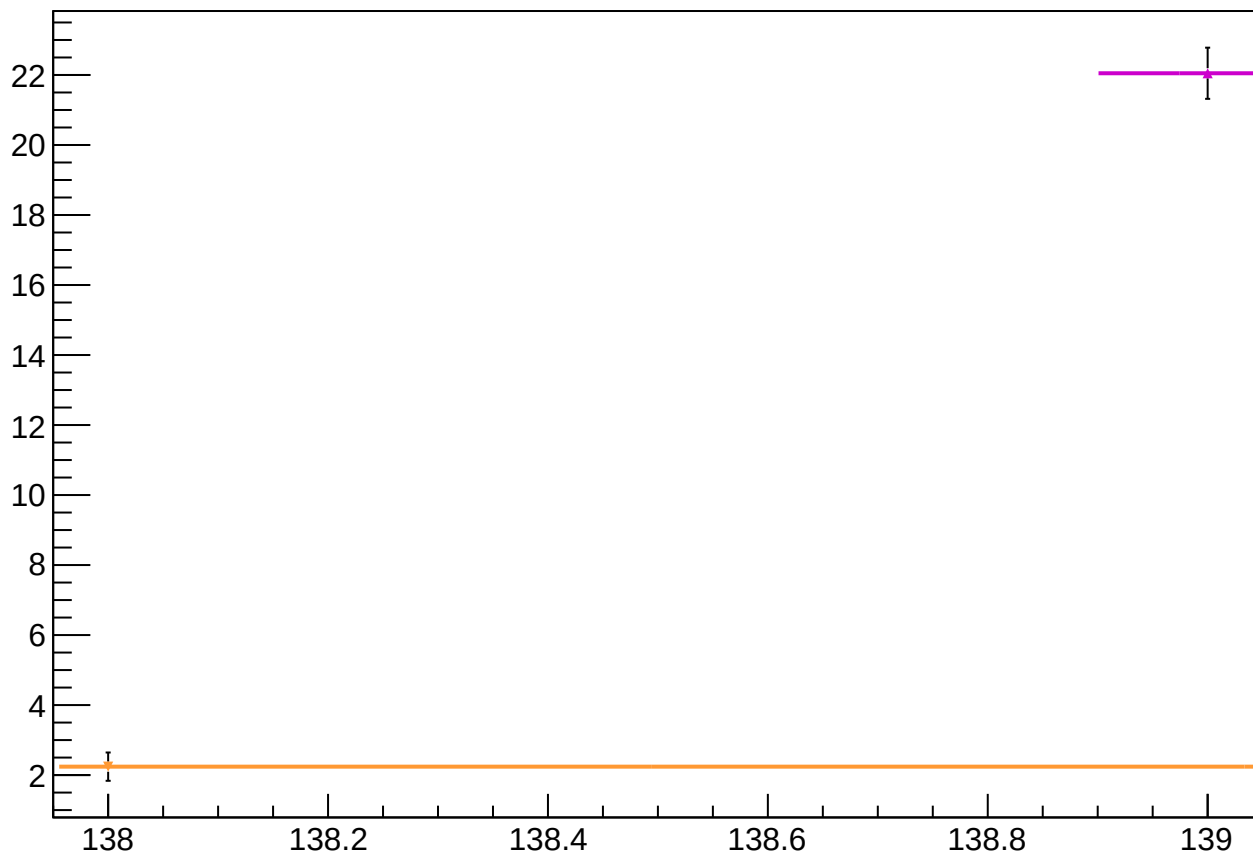
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.701 $\pm$ 0.400 χ^2 /NDF: 0.0/0

Out: 3.066 $\pm$ 0.411 χ^2 /NDF: 0.0/0

All: 1.852 $\pm$ 0.287 χ^2 /NDF: 17.0/1

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: 22.049 $\pm$ 0.731 χ^2 /NDF: 0.0/0

Left: 6.879 $\pm$ 0.354 χ^2 /NDF: 562.3/1

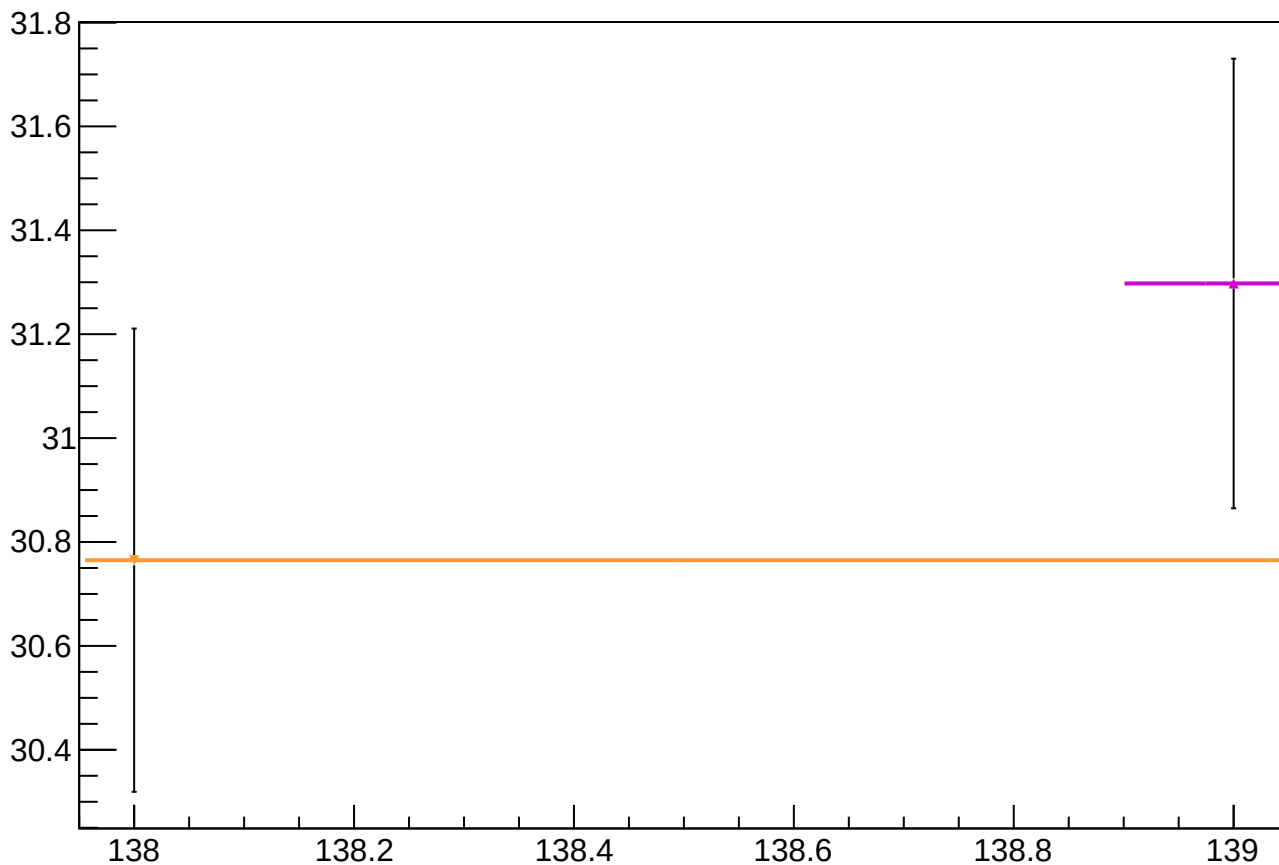
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 22.049 $\pm$ 0.731 χ^2 /NDF: 0.0/0

Out: 2.241 $\pm$ 0.404 χ^2 /NDF: 0.0/0

All: 6.879 $\pm$ 0.354 χ^2 /NDF: 562.3/1

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 30.765 $\pm$ 0.446 χ^2 /NDF:0.0/0

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

Left In: 31.298 $\pm$ 0.433 χ^2 /NDF:0.0/0

Left: 31.039 $\pm$ 0.311 χ^2 /NDF: 0.7/1

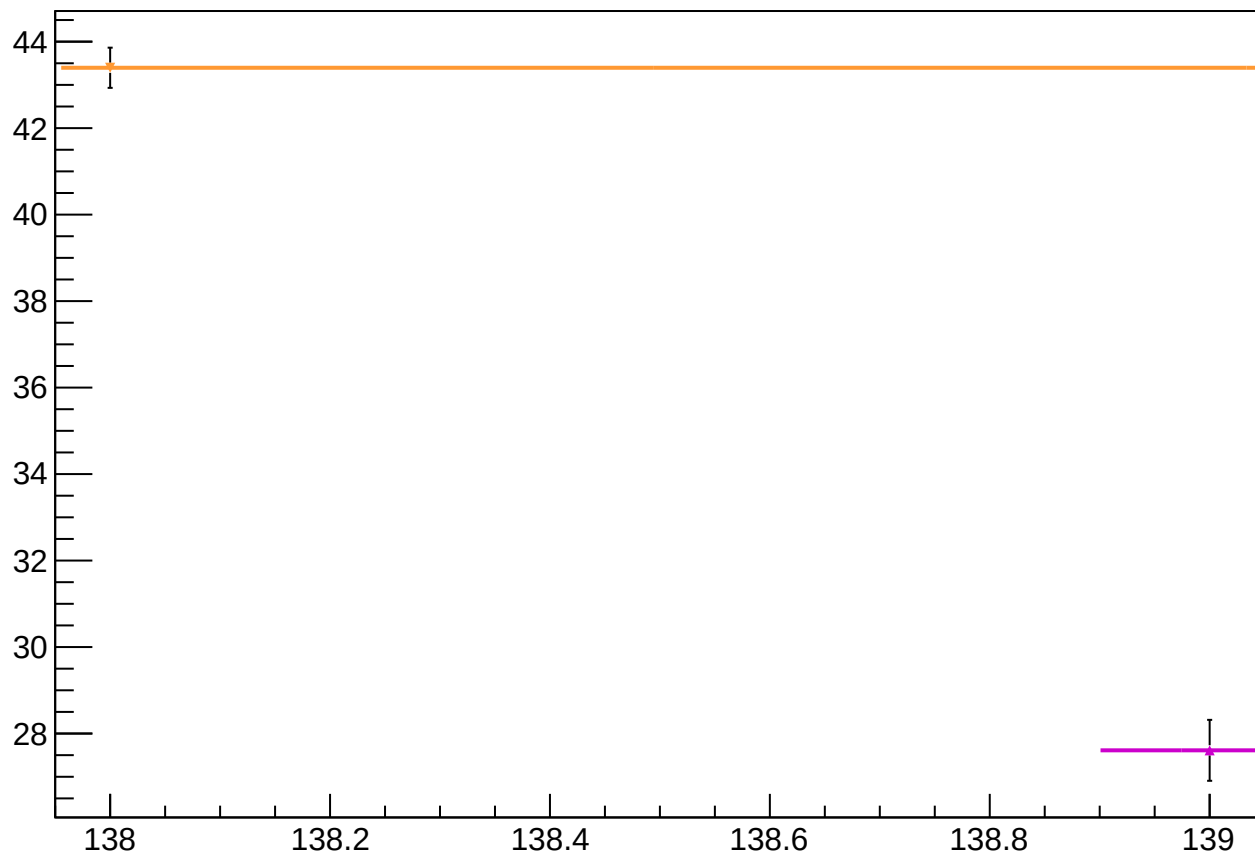
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 31.298 $\pm$ 0.433 χ^2 /NDF:0.0/0

Out: 30.765 $\pm$ 0.446 χ^2 /NDF:0.0/0

All: 31.039 $\pm$ 0.311 χ^2 /NDF: 0.7/1

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: 27.612+/-0.705 χ^2/NDF : 0.0/0

Left: 38.612+/-0.388 χ^2/NDF : 349.8/1

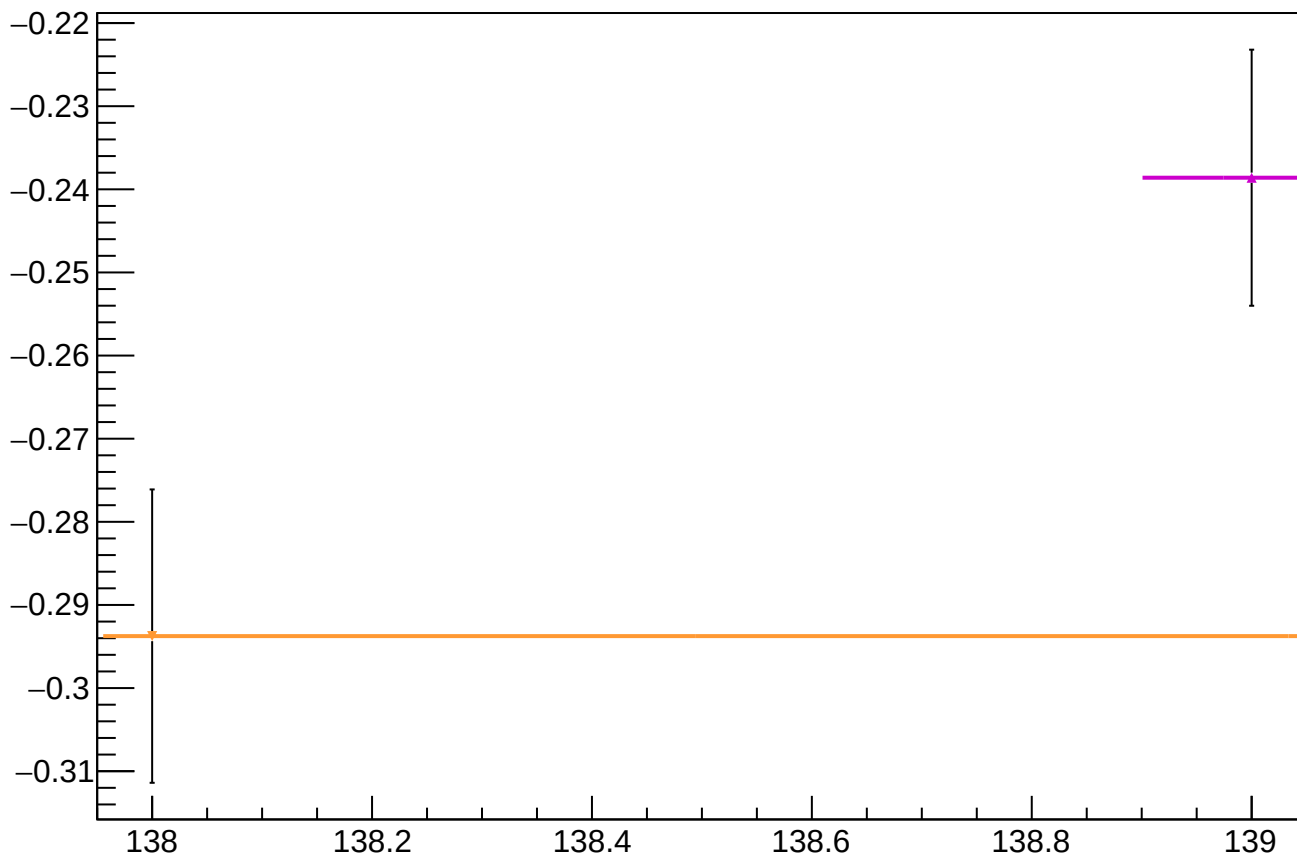
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.612+/-0.705 χ^2/NDF : 0.0/0

Out: 43.396+/-0.465 χ^2/NDF : 0.0/0

All: 38.612+/-0.388 χ^2/NDF : 349.8/1

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: -0.239+/-0.015 χ^2/NDF : 0.0/0

Left: -0.262+/-0.012 χ^2/NDF : 5.5/1

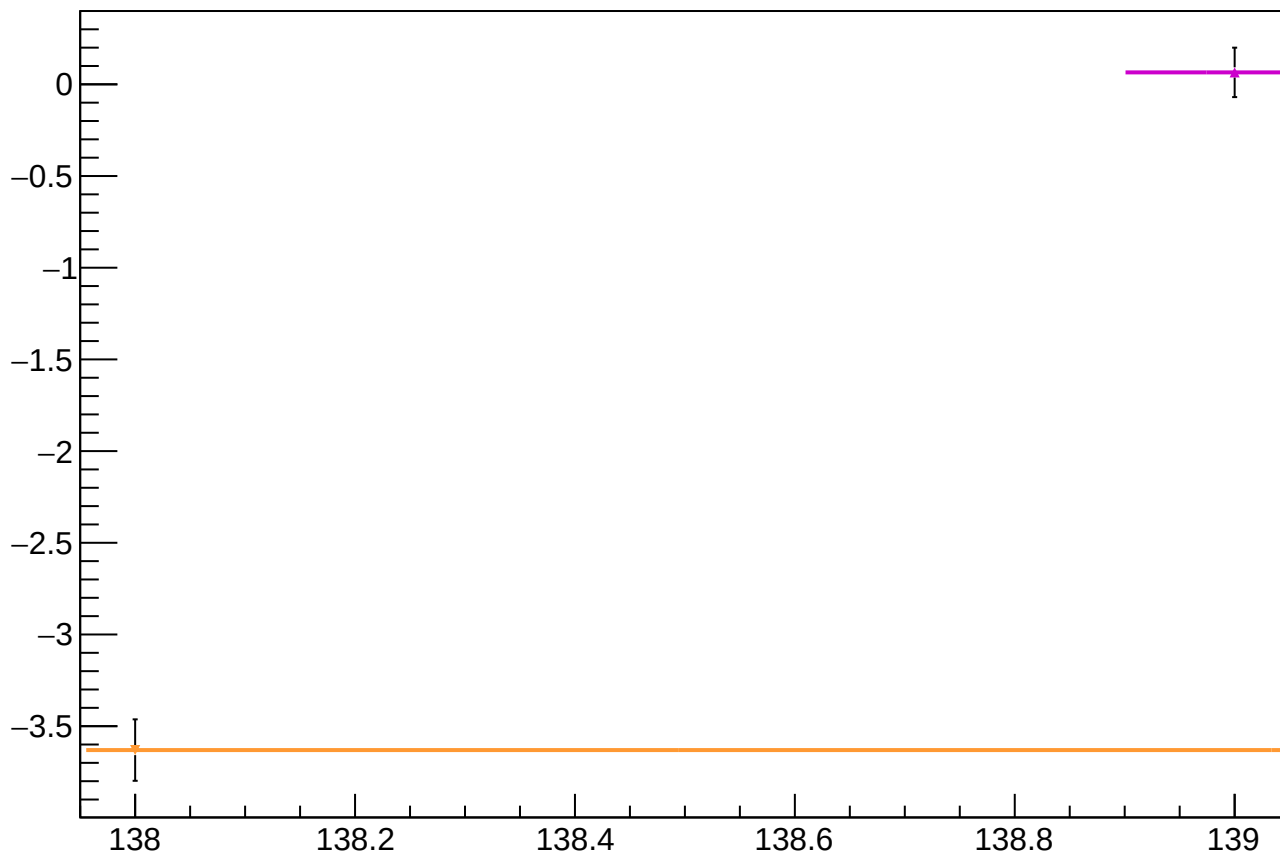
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.239+/-0.015 χ^2/NDF : 0.0/0

Out: -0.294+/-0.018 χ^2/NDF : 0.0/0

All: -0.262+/-0.012 χ^2/NDF : 5.5/1

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: 0.065±/-0.135 χ^2/NDF : 0.0/0

Left: -1.387±/-0.105 χ^2/NDF : 295.4/1

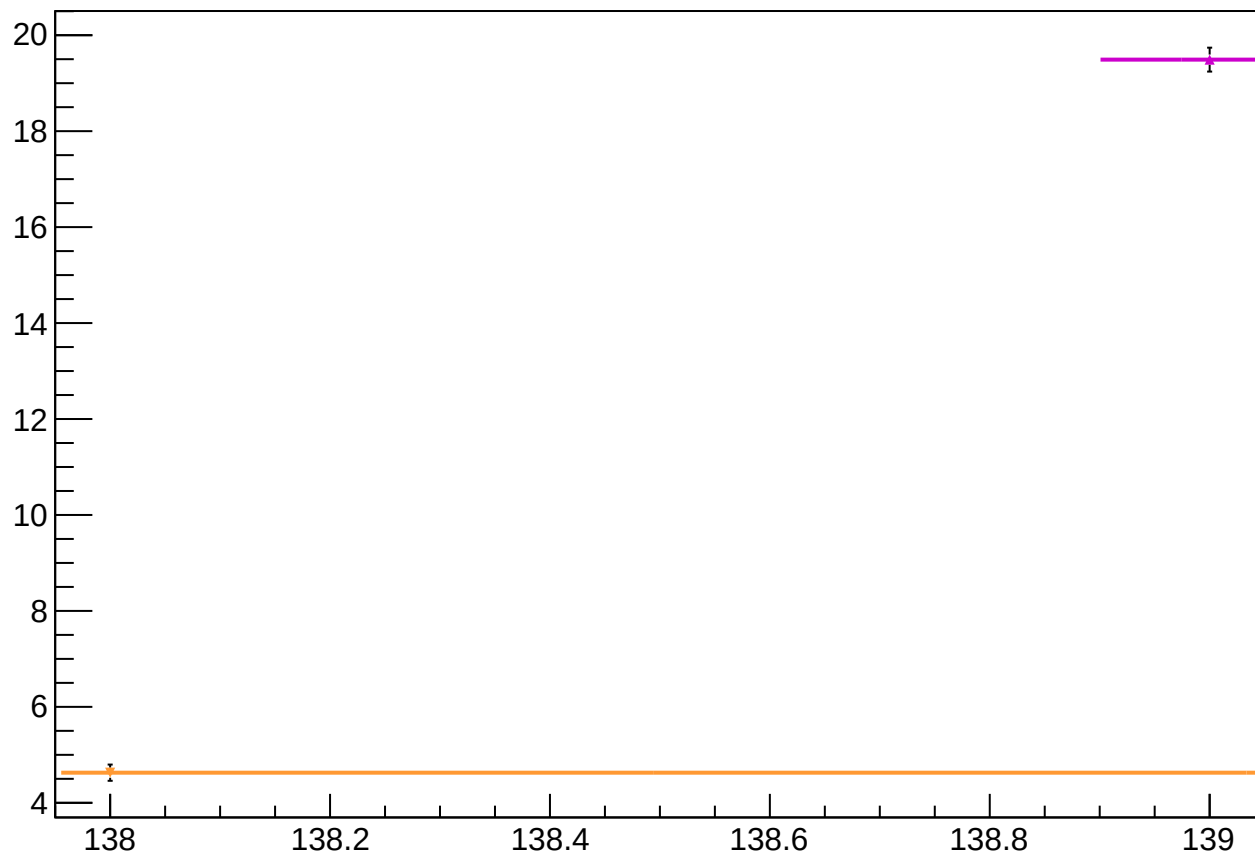
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: 0.065±/-0.135 χ^2/NDF : 0.0/0

Out: -3.630±/-0.168 χ^2/NDF : 0.0/0

All: -1.387±/-0.105 χ^2/NDF : 295.4/1

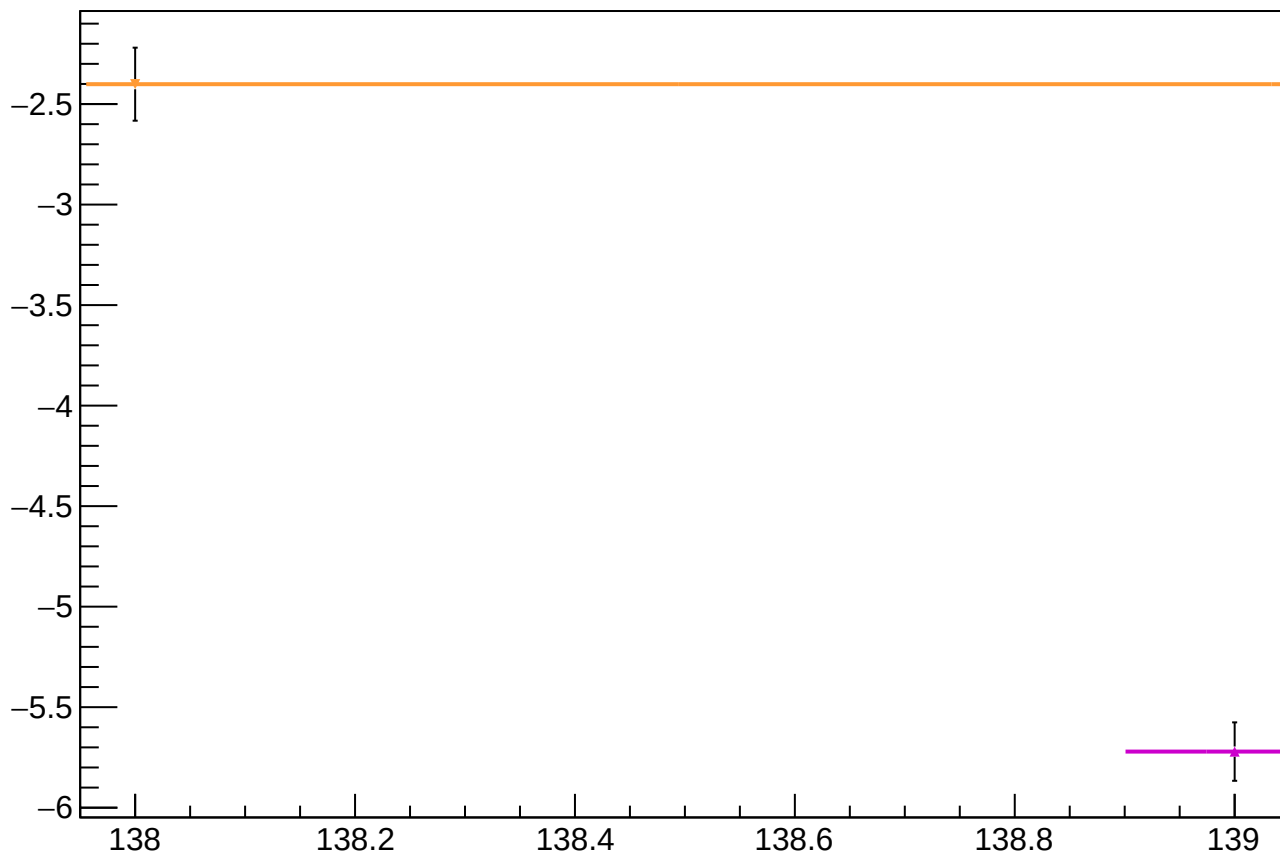
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.628+/-0.169 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.491+/-0.249 χ^2/NDF : 0.0/0

Left: 9.316+/-0.140 χ^2/NDF : 2435.5/1
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.491+/-0.249 χ^2/NDF : 0.0/0
 Out: 4.628+/-0.169 χ^2/NDF : 0.0/0
 All: 9.316+/-0.140 χ^2/NDF : 2435.5/1

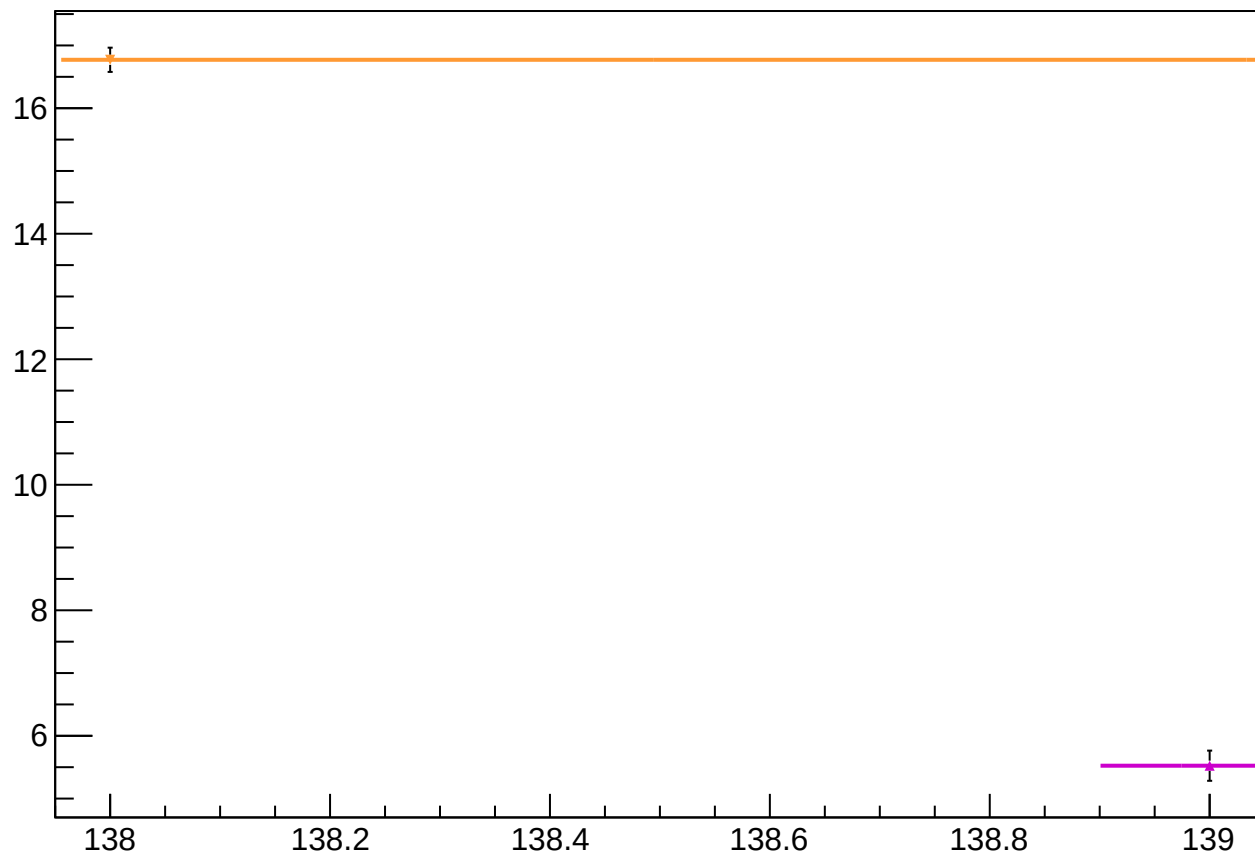
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -2.401 ± 0.182 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -5.721 ± 0.145 $\chi^2/\text{NDF}: 0.0/0$

Left: -4.425 ± 0.113 $\chi^2/\text{NDF}: 203.7/1$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -5.721 ± 0.145 $\chi^2/\text{NDF}: 0.0/0$
 Out: -2.401 ± 0.182 $\chi^2/\text{NDF}: 0.0/0$
 All: -4.425 ± 0.113 $\chi^2/\text{NDF}: 203.7/1$

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 16.771 $\pm$ 0.193 χ^2/NDF : 0.0/0

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

Left In: 5.524 $\pm$ 0.240 χ^2/NDF : 0.0/0

Left: 12.361 $\pm$ 0.151 χ^2/NDF : 1330.0/1

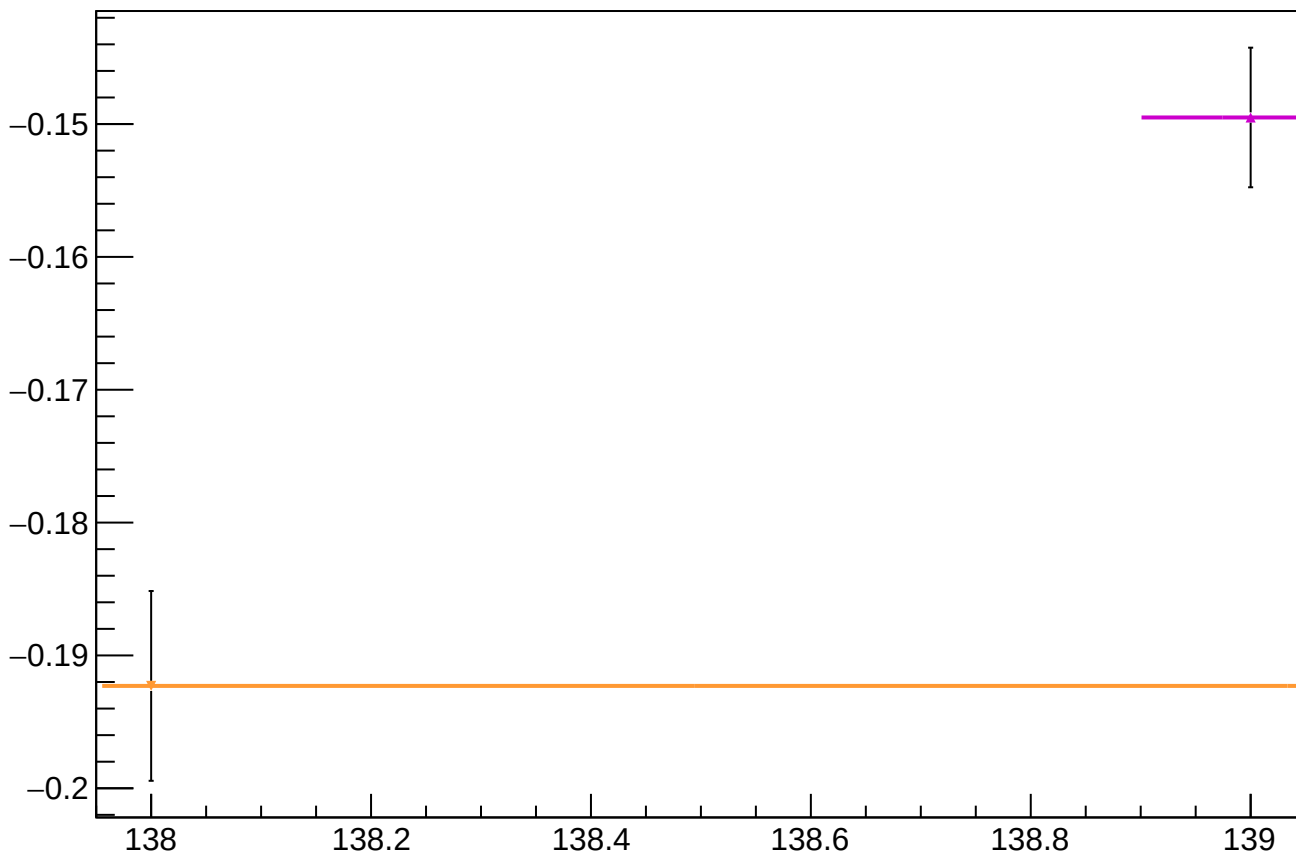
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 5.524 $\pm$ 0.240 χ^2/NDF : 0.0/0

Out: 16.771 $\pm$ 0.193 χ^2/NDF : 0.0/0

All: 12.361 $\pm$ 0.151 χ^2/NDF : 1330.0/1

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.192+/-0.007 χ^2/NDF : 0.0/0

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

Left In: -0.150+/-0.005 χ^2/NDF : 0.0/0

Left: -0.165+/-0.004 χ^2/NDF : 23.3/1

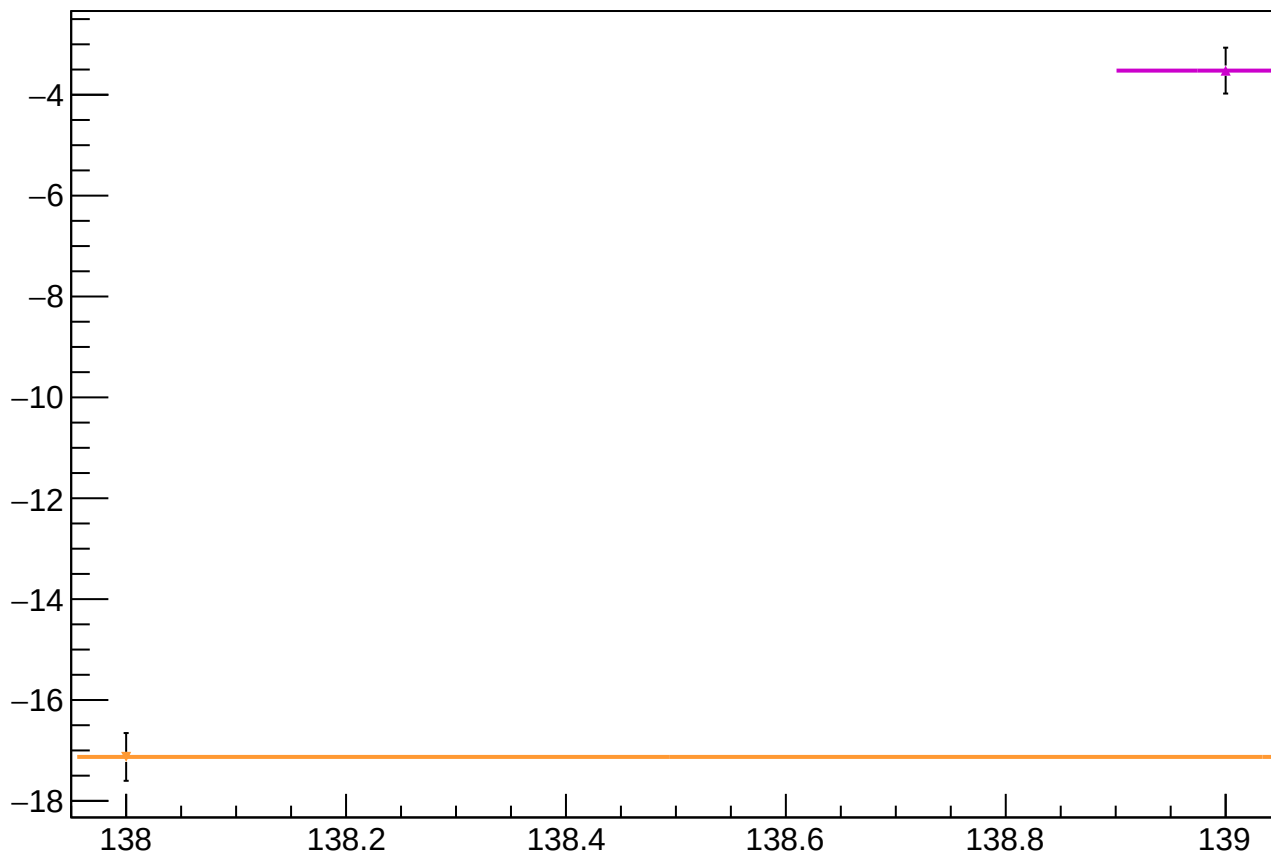
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.150+/-0.005 χ^2/NDF : 0.0/0

Out: -0.192+/-0.007 χ^2/NDF : 0.0/0

All: -0.165+/-0.004 χ^2/NDF : 23.3/1

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -17.128 $\pm$ 0.473 χ^2/NDF : 0.0/0

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

Left In: -3.521 $\pm$ 0.455 χ^2/NDF : 0.0/0

Left: -10.051 $\pm$ 0.328 χ^2/NDF : 429.6/1

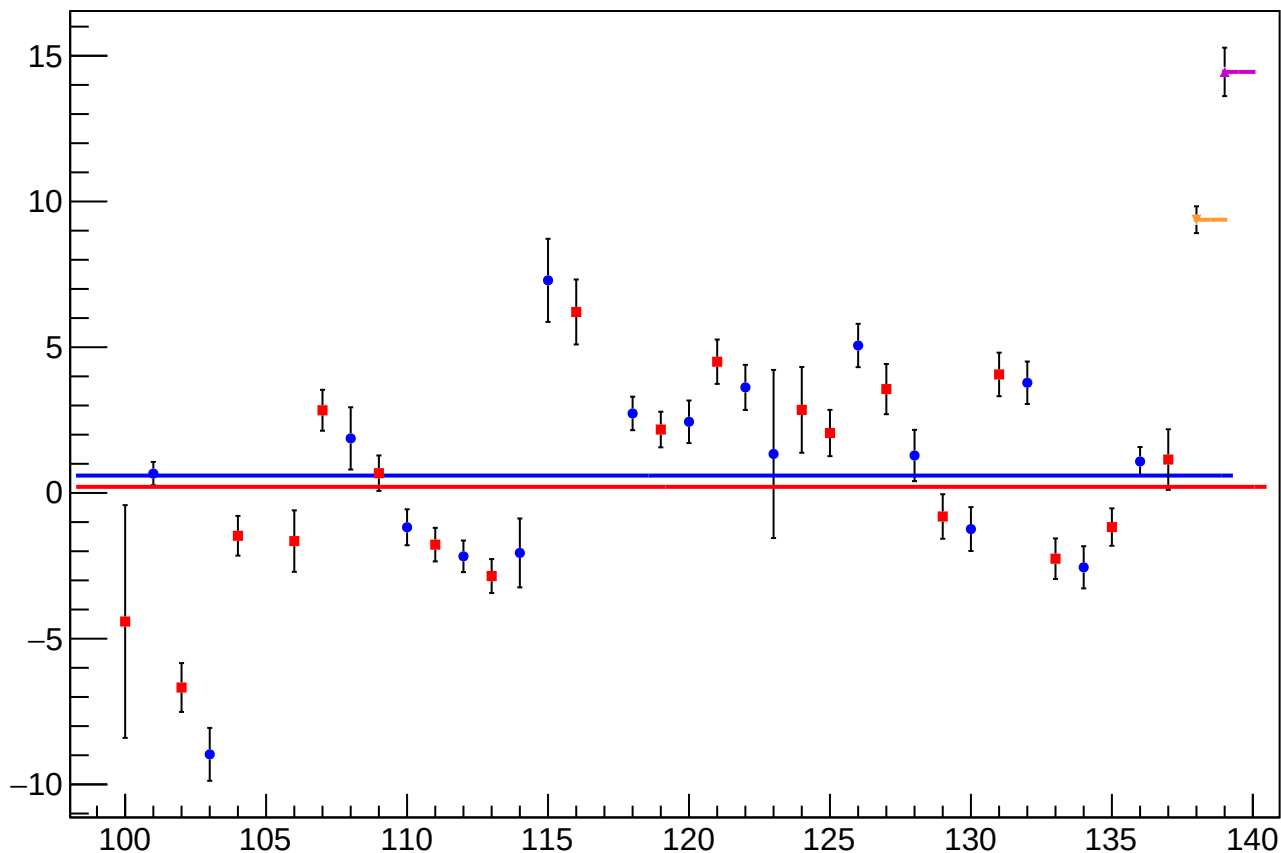
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -3.521 $\pm$ 0.455 χ^2/NDF : 0.0/0

Out: -17.128 $\pm$ 0.473 χ^2/NDF : 0.0/0

All: -10.051 $\pm$ 0.328 χ^2/NDF : 429.6/1

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: 14.446 $\pm$ 0.832 χ^2 /NDF:0.0/0

Left: 10.561 $\pm$ 0.402 χ^2 /NDF: 28.5/1

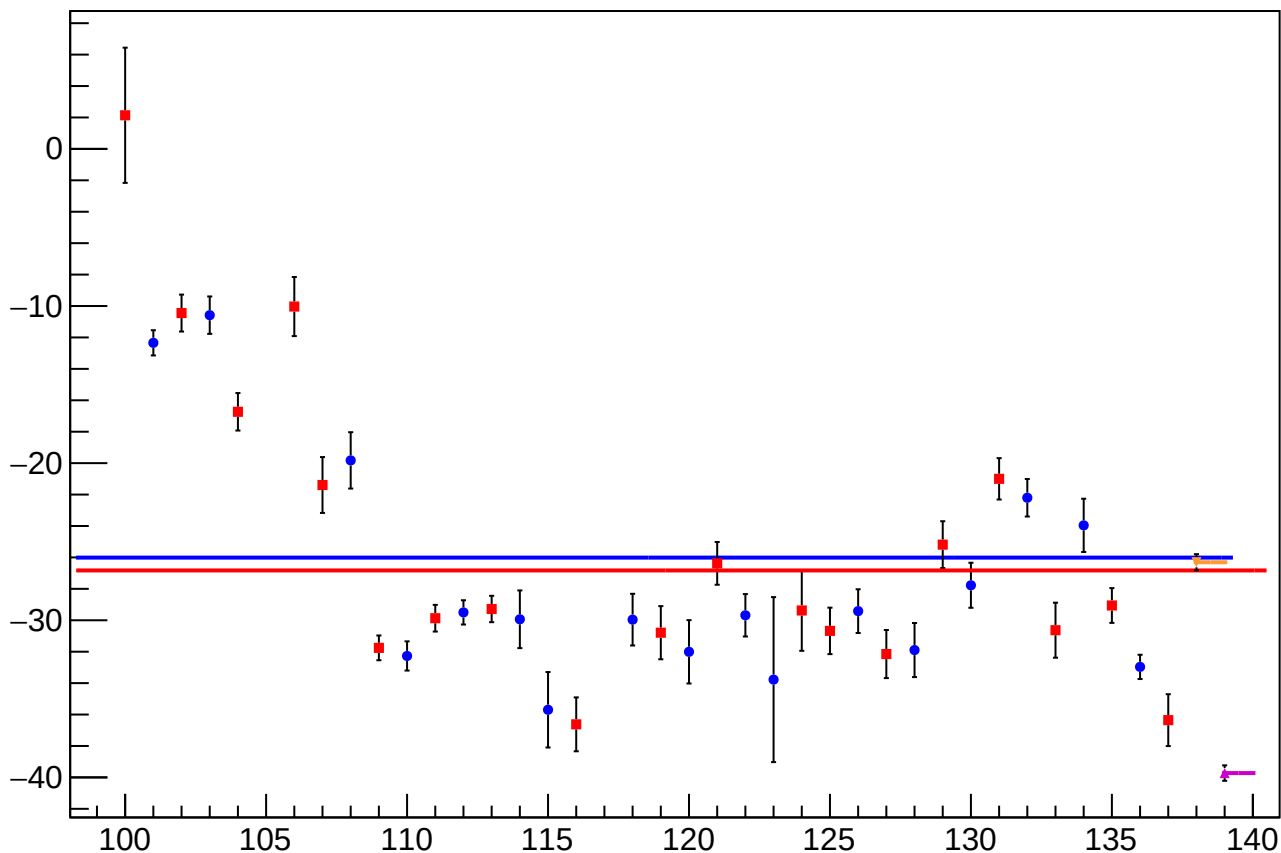
Right: 0.409 $\pm$ 0.121 χ^2 /NDF: 567.2/35

In: 1.145 $\pm$ 0.166 χ^2 /NDF:557.6/17

Out: 1.367 $\pm$ 0.163 χ^2 /NDF:621.2/19

All: 1.257 $\pm$ 0.116 χ^2 /NDF: 1179.7/37

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: -39.725 ± 0.491 χ^2/NDF : 0.0/0

Left: -33.306 ± 0.355 χ^2/NDF : 356.8/1

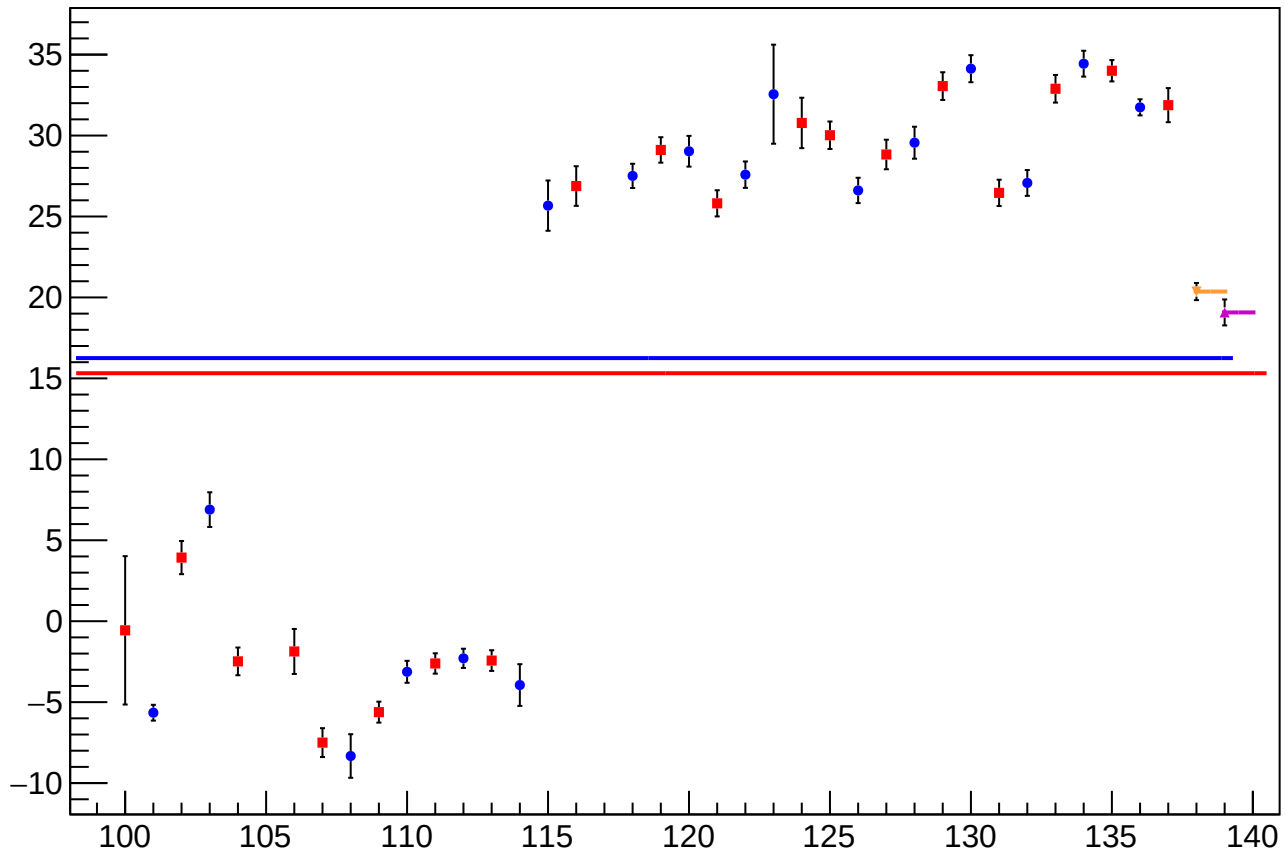
Right: -26.423 ± 0.211 χ^2/NDF : 1278.3/35

In: -29.728 ± 0.256 χ^2/NDF : 1260.8/17

Out: -26.697 ± 0.257 χ^2/NDF : 582.4/19

All: -28.222 ± 0.181 χ^2/NDF : 1912.9/37

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: 19.073+/-0.802 χ^2/NDF : 0.0/0

Left: 19.971+/-0.442 χ^2/NDF : 1.8/1

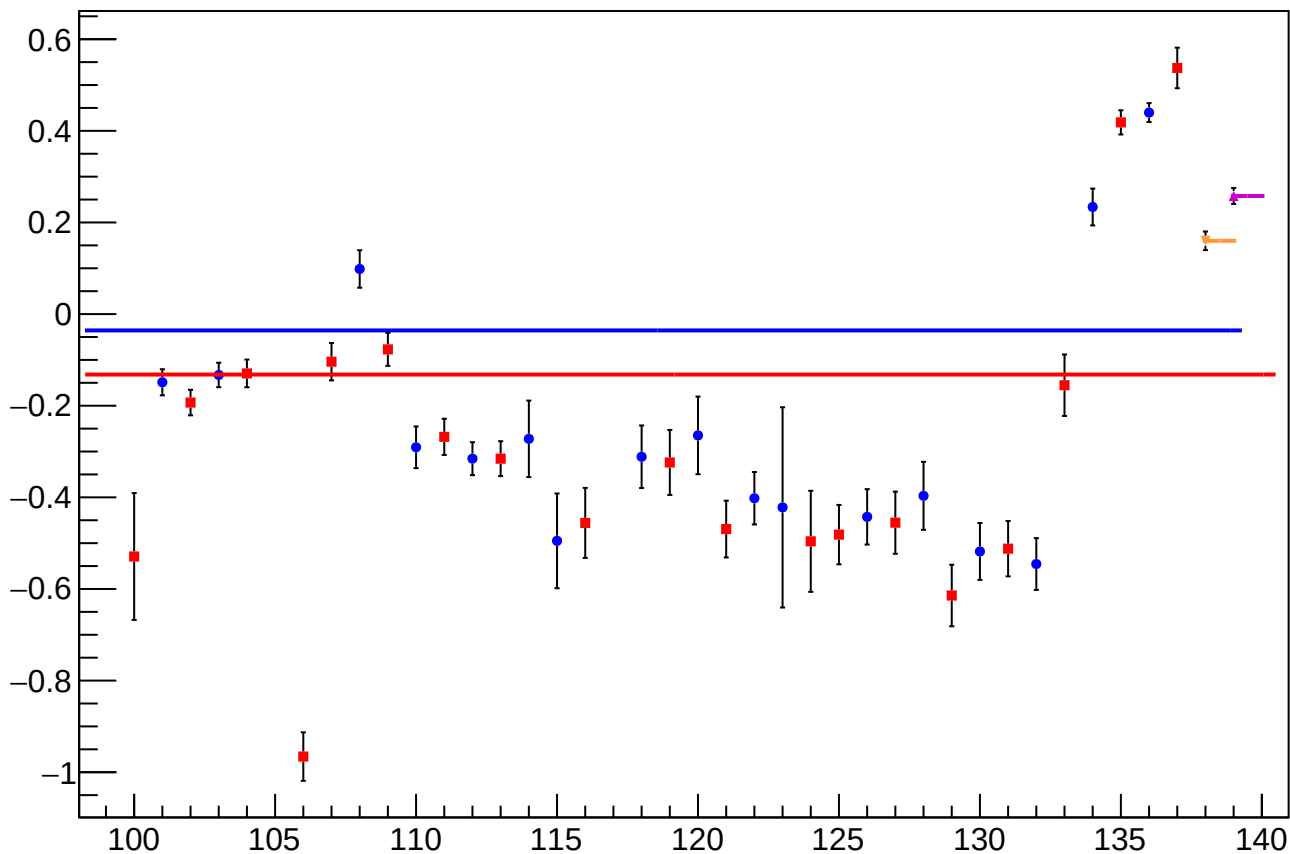
Right: 15.800+/-0.137 χ^2/NDF : 14903.0/35

In: 16.405+/-0.186 χ^2/NDF : 7623.0/17

Out: 15.930+/-0.185 χ^2/NDF : 7359.6/19

All: 16.166+/-0.131 χ^2/NDF : 14986.0/37

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: 0.258 ± 0.018 χ^2/NDF : 0.0/0

Left: 0.216 ± 0.013 χ^2/NDF : 13.3/1

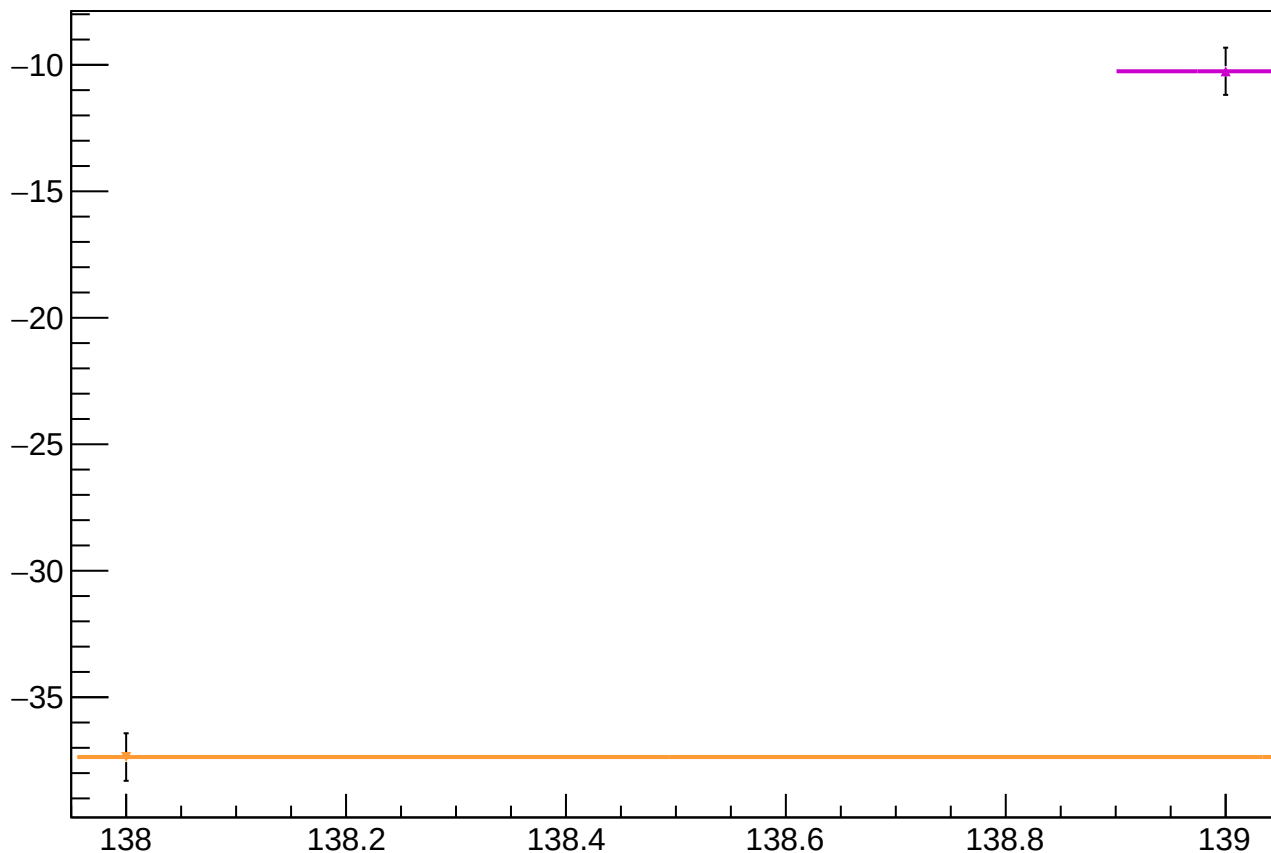
Right: -0.084 ± 0.007 χ^2/NDF : 2229.1/35

In: 0.040 ± 0.009 χ^2/NDF : 1222.5/17

Out: -0.072 ± 0.009 χ^2/NDF : 1334.9/19

All: -0.014 ± 0.006 χ^2/NDF : 2633.1/37

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.364 $\pm$ 0.939 χ^2/NDF : 0.0/0

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

Left In: -10.254 $\pm$ 0.933 χ^2/NDF : 0.0/0

Left: -23.721 $\pm$ 0.662 χ^2/NDF : 419.3/1

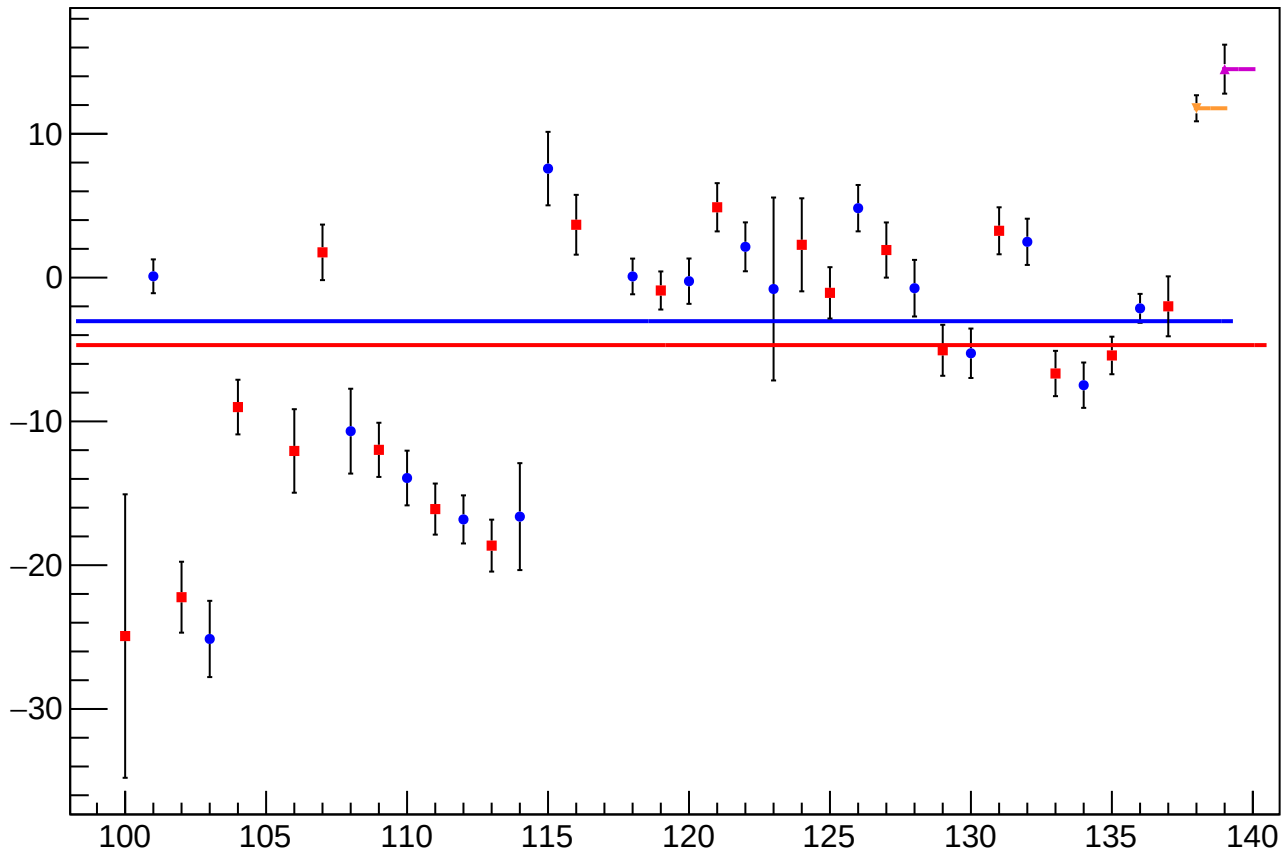
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -10.254 $\pm$ 0.933 χ^2/NDF : 0.0/0

Out: -37.364 $\pm$ 0.939 χ^2/NDF : 0.0/0

All: -23.721 $\pm$ 0.662 χ^2/NDF : 419.3/1

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: 14.497 ± 1.703 χ^2/NDF : 0.0/0

Left: 12.377 ± 0.800 χ^2/NDF : 2.0/1

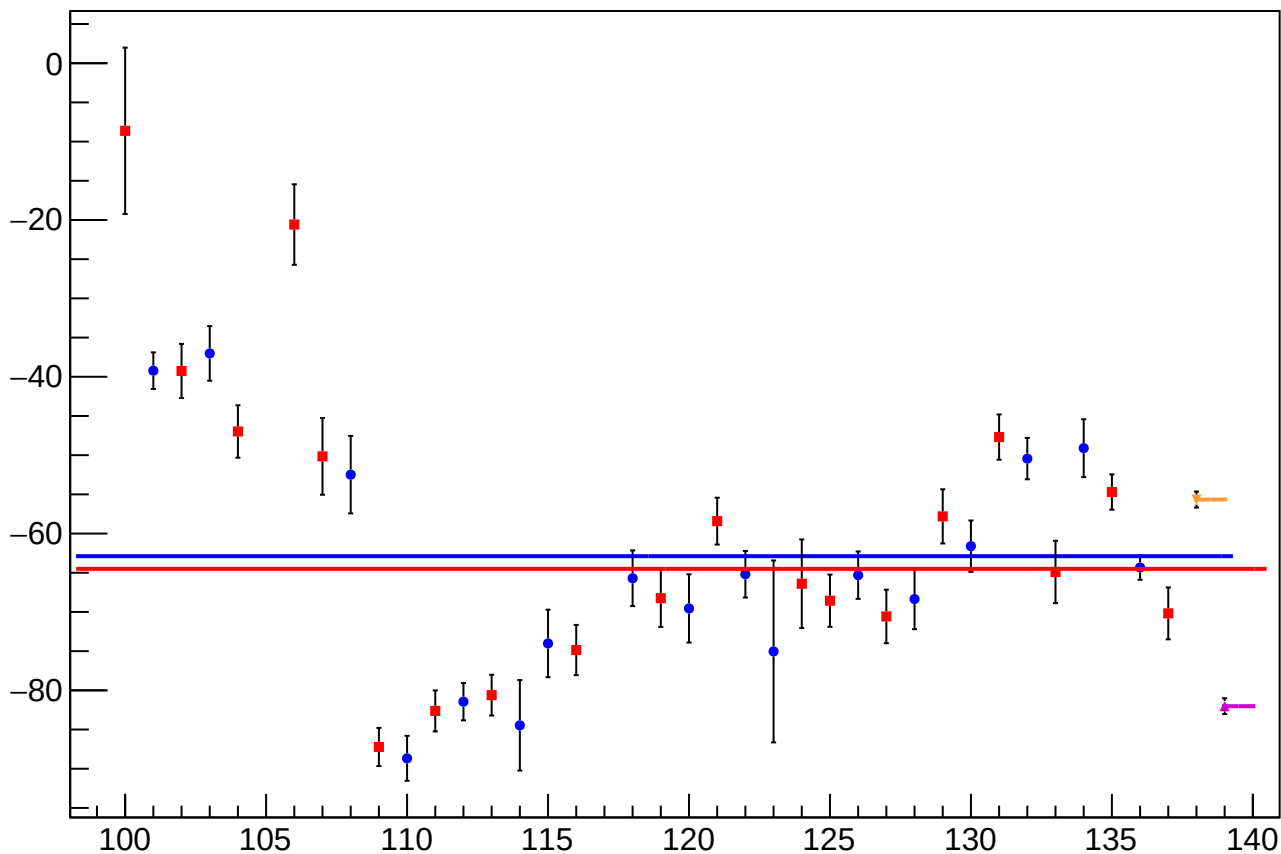
Right: -3.824 ± 0.295 χ^2/NDF : 587.0/35

In: -2.080 ± 0.396 χ^2/NDF : 381.0/17

Out: -1.708 ± 0.386 χ^2/NDF : 568.4/19

All: -1.889 ± 0.277 χ^2/NDF : 949.9/37

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: -82.020 ± 1.008 χ^2/NDF : 0.0/0

Left: -68.962 ± 0.716 χ^2/NDF : 338.4/1

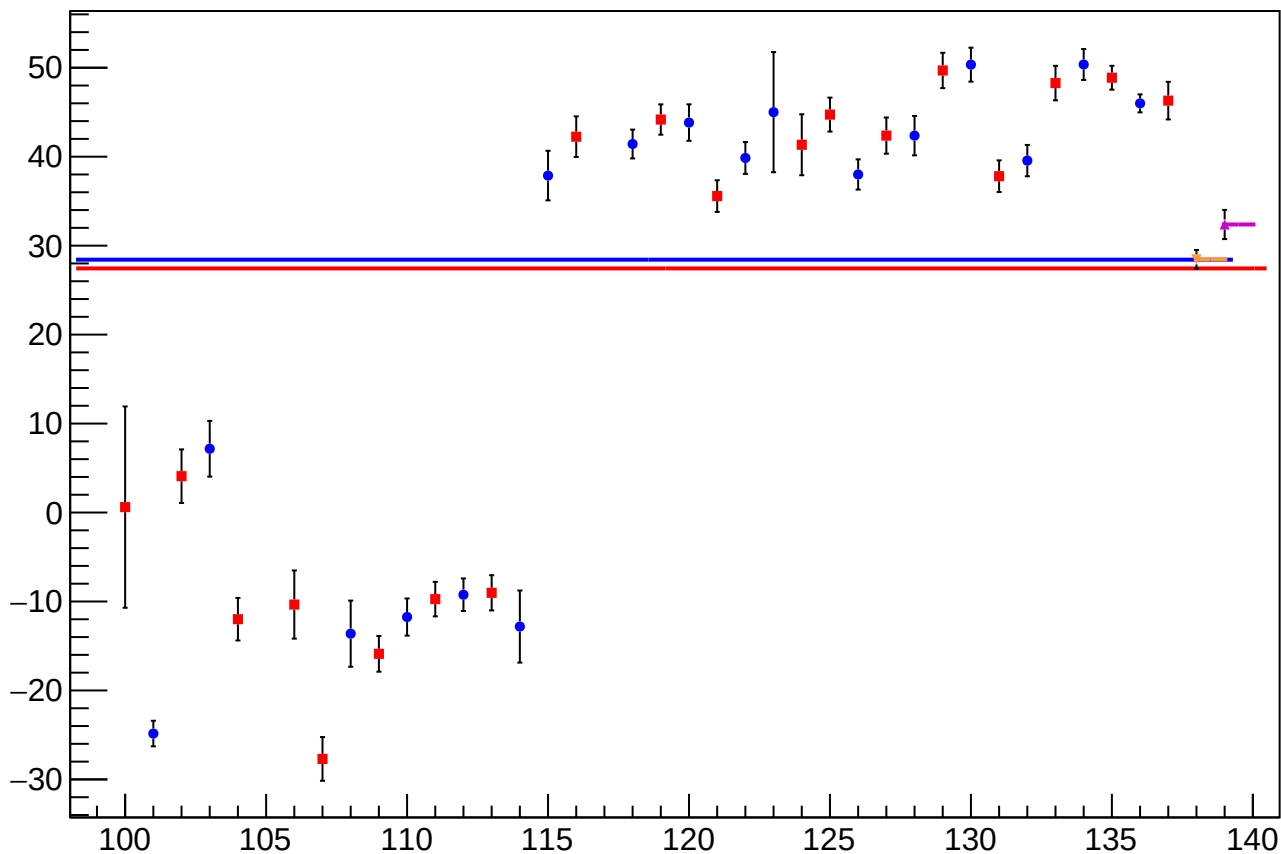
Right: -63.680 ± 0.526 χ^2/NDF : 815.2/35

In: -69.558 ± 0.596 χ^2/NDF : 603.2/17

Out: -61.384 ± 0.604 χ^2/NDF : 492.9/19

All: -65.532 ± 0.424 χ^2/NDF : 1188.9/37

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 28.463 $\pm$ 1.048 χ^2 /NDF:0.0/0

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

Left In: 32.380 $\pm$ 1.641 χ^2 /NDF:0.0/0

Left: 29.598 $\pm$ 0.883 χ^2 /NDF: 4.0/1

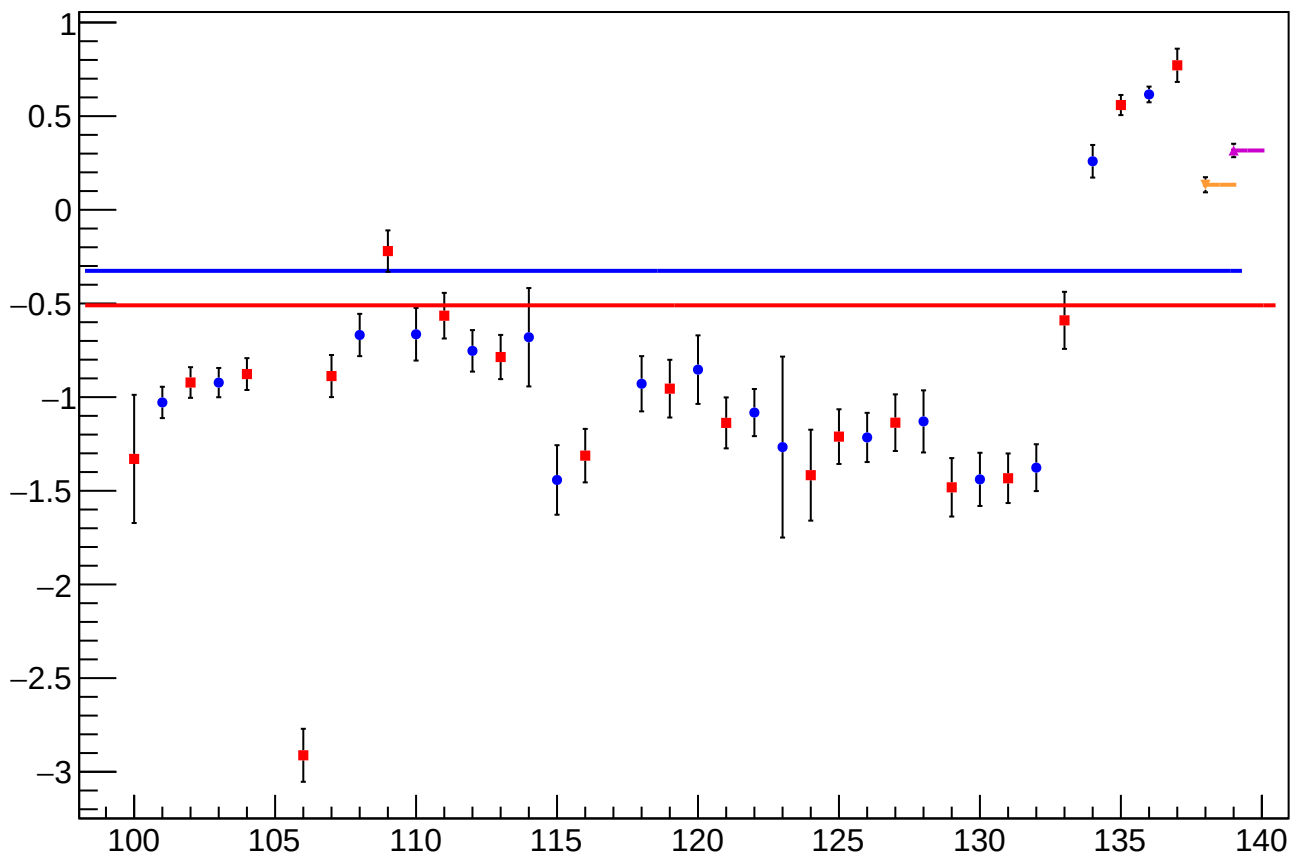
Right: 27.956 $\pm$ 0.331 χ^2 /NDF: 6365.5/35

In: 28.710 $\pm$ 0.440 χ^2 /NDF:3335.7/17

Out: 27.618 $\pm$ 0.435 χ^2 /NDF:3033.8/19

All: 28.157 $\pm$ 0.310 χ^2 /NDF: 6372.6/37

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.025 $\chi^2/\text{NDF}: 1013.0/16$

Left Out: 0.134 ± 0.040 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.510 ± 0.026 $\chi^2/\text{NDF}: 1169.4/18$

Left In: 0.317 ± 0.036 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.236 ± 0.027 $\chi^2/\text{NDF}: 11.4/1$

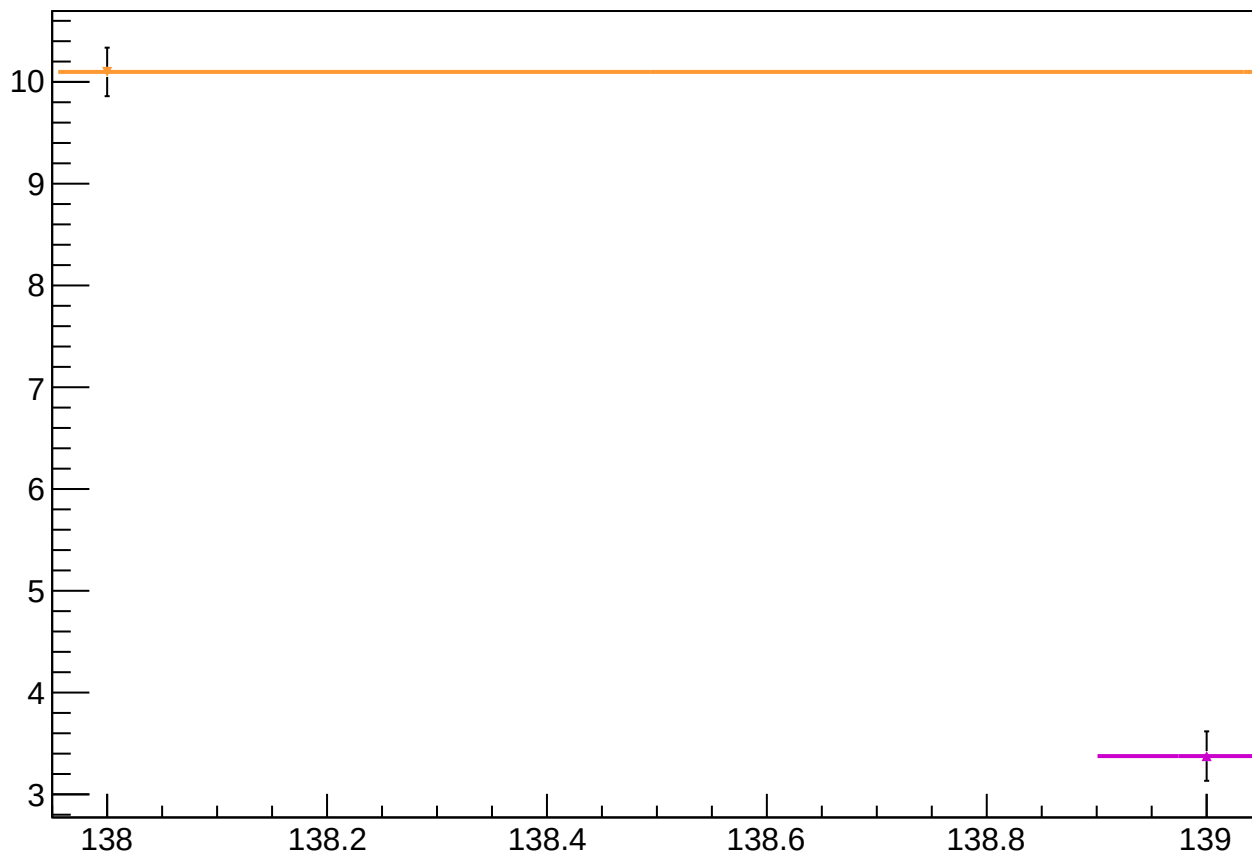
Right: -0.415 ± 0.018 $\chi^2/\text{NDF}: 2208.8/35$

In: -0.117 ± 0.020 $\chi^2/\text{NDF}: 1229.3/17$

Out: -0.325 ± 0.022 $\chi^2/\text{NDF}: 1349.9/19$

All: -0.215 ± 0.015 $\chi^2/\text{NDF}: 2627.6/37$

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: 3.376+/-0.243 χ^2/NDF : 0.0/0

Left: 6.800+/-0.170 χ^2/NDF : 390.4/1

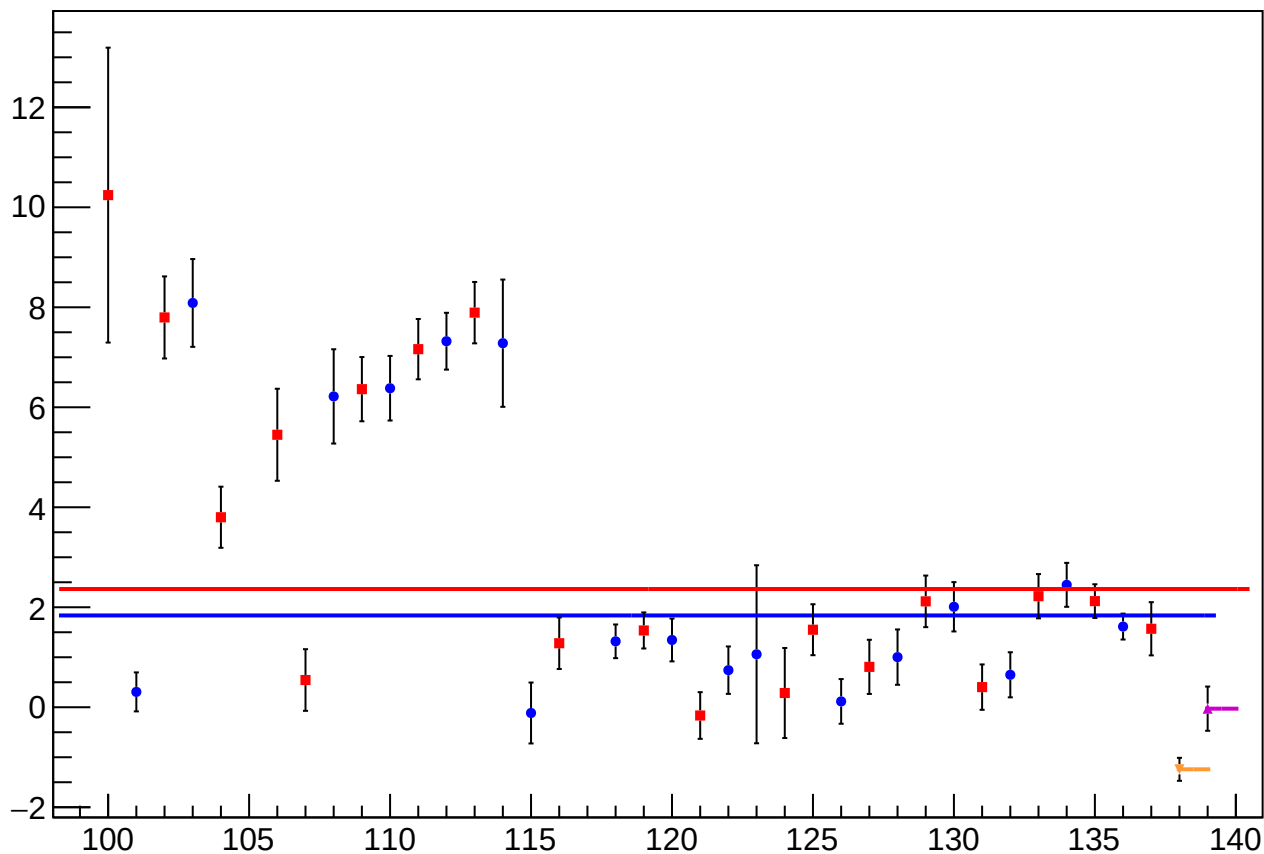
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.376+/-0.243 χ^2/NDF : 0.0/0

Out: 10.098+/-0.238 χ^2/NDF : 0.0/0

All: 6.800+/-0.170 χ^2/NDF : 390.4/1

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836 $\pm$ 0.116 χ^2 /NDF: 294.9/16

Left Out: -1.241 $\pm$ 0.230 χ^2 /NDF:0.0/0

Right Out: 2.365 $\pm$ 0.123 χ^2 /NDF: 336.4/18

Left In: -0.028 $\pm$ 0.442 χ^2 /NDF:0.0/0

Left: -0.984 $\pm$ 0.204 χ^2 /NDF: 5.9/1

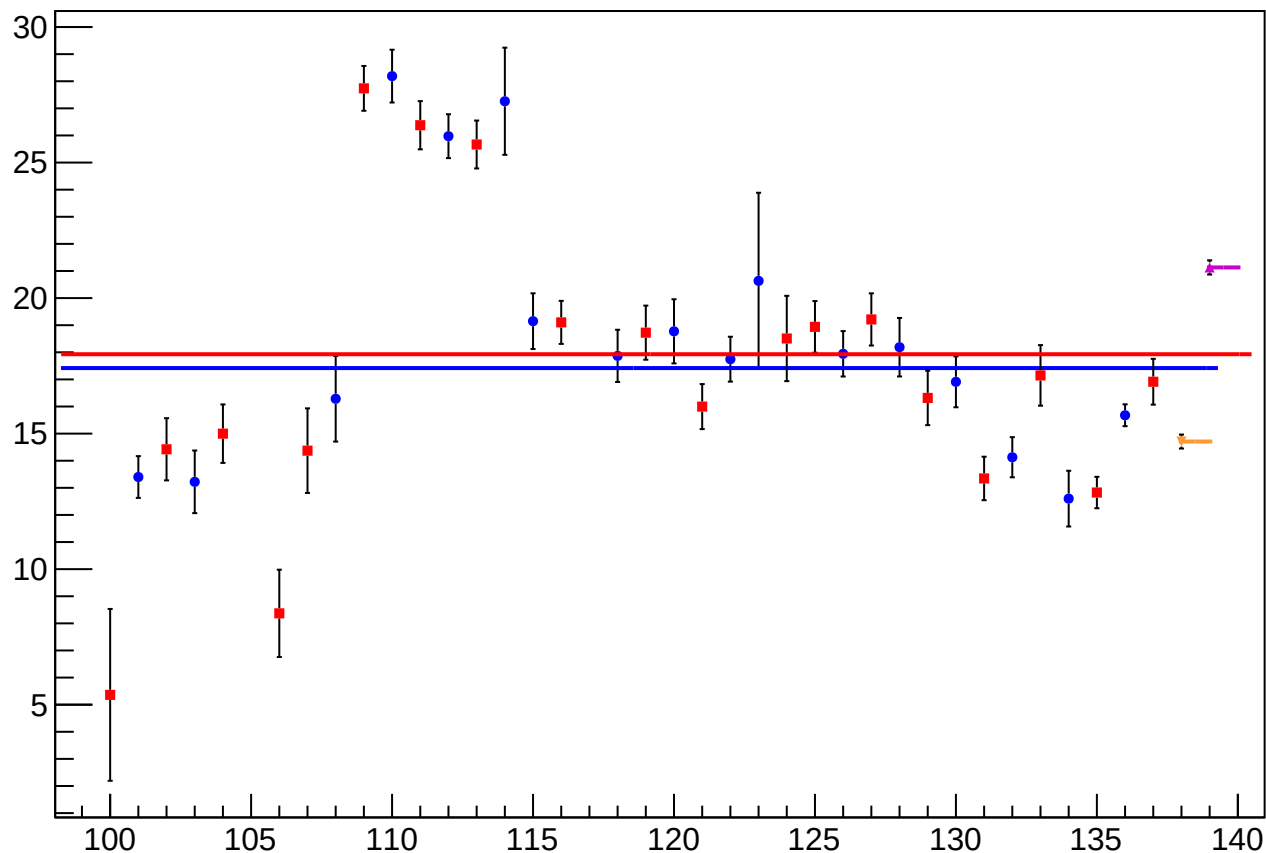
Right: 2.086 $\pm$ 0.084 χ^2 /NDF: 641.1/35

In: 1.716 $\pm$ 0.112 χ^2 /NDF:311.5/17

Out: 1.565 $\pm$ 0.108 χ^2 /NDF:528.2/19

All: 1.638 $\pm$ 0.078 χ^2 /NDF: 840.7/37

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: 21.131 $\pm$ 0.263 χ^2 /NDF:0.0/0

Left: 17.867 $\pm$ 0.184 χ^2 /NDF: 304.3/1

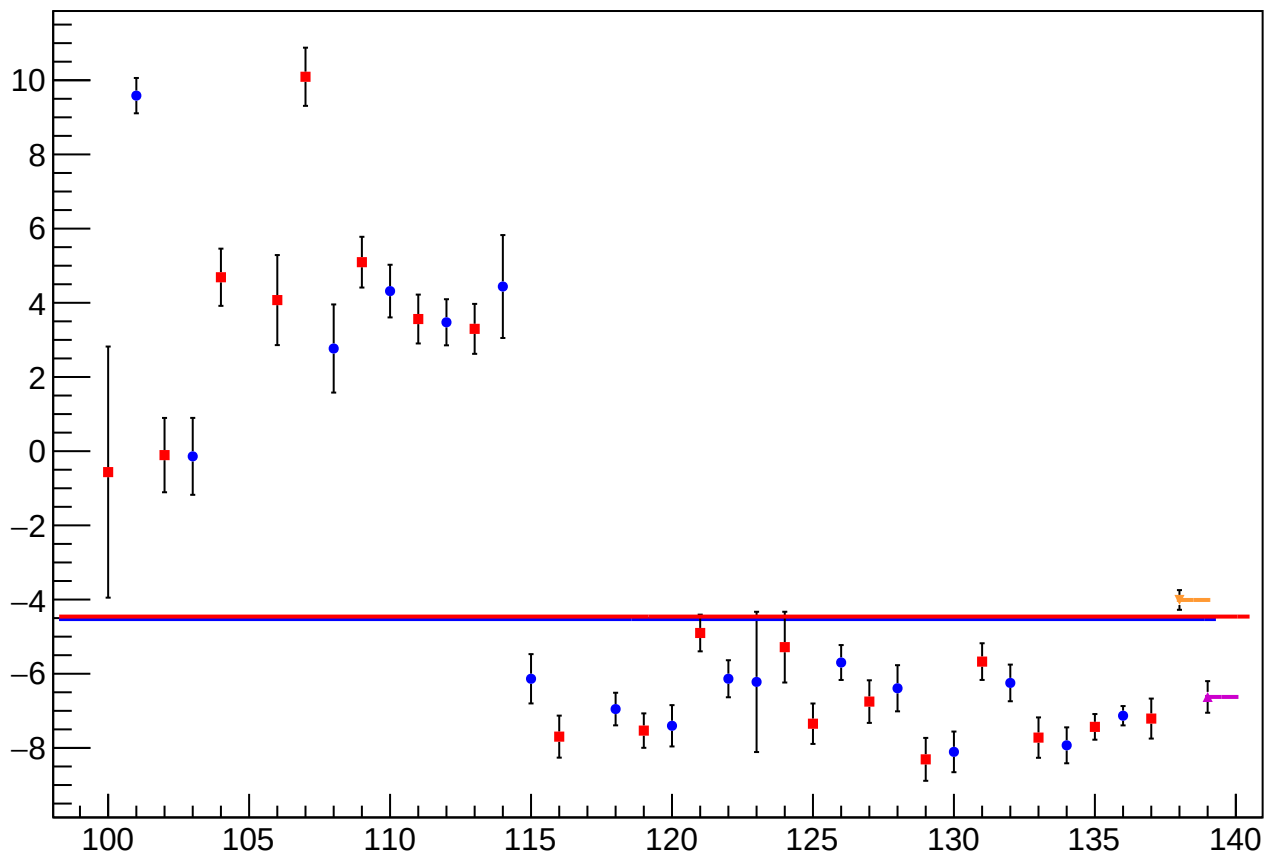
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 18.882 $\pm$ 0.165 χ^2 /NDF:488.0/17

Out: 16.582 $\pm$ 0.167 χ^2 /NDF:596.9/19

All: 17.747 $\pm$ 0.117 χ^2 /NDF: 1181.0/37

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526 $\pm$ 0.130 χ^2 /NDF: 1590.2/16

Left Out: -4.011 $\pm$ 0.266 χ^2 /NDF:0.0/0

Right Out: -4.459 $\pm$ 0.137 χ^2 /NDF: 1338.9/18

Left In: -6.625 $\pm$ 0.426 χ^2 /NDF:0.0/0

Left: -4.743 $\pm$ 0.225 χ^2 /NDF: 27.1/1

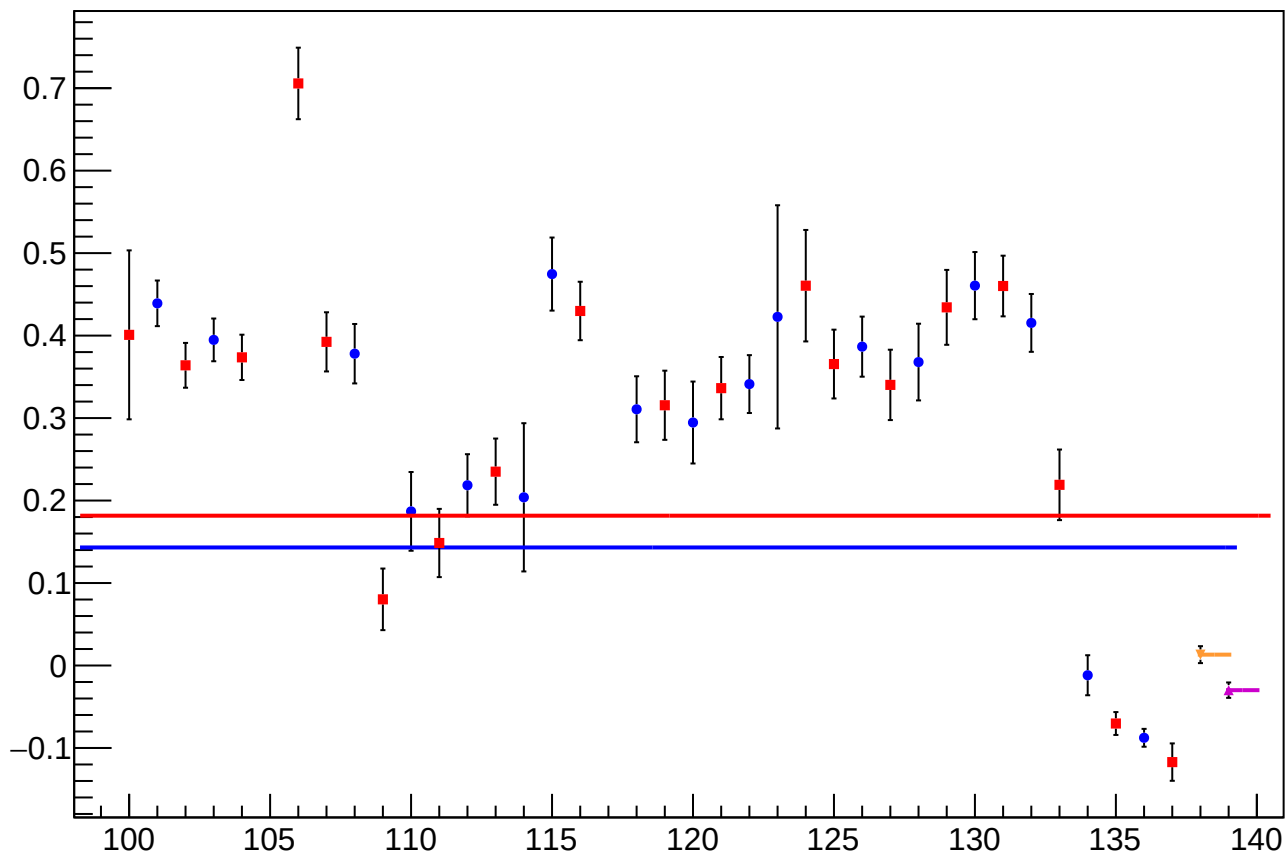
Right: -4.494 $\pm$ 0.094 χ^2 /NDF: 2929.2/35

In: -4.704 $\pm$ 0.124 χ^2 /NDF:1612.4/17

Out: -4.365 $\pm$ 0.122 χ^2 /NDF:1341.1/19

All: -4.531 $\pm$ 0.087 χ^2 /NDF: 2957.3/37

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1060.4/16

Left Out: 0.013 $\pm$ 0.010 χ^2 /NDF:0.0/0

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1007.8/18

Left In: -0.030 $\pm$ 0.009 χ^2 /NDF:0.0/0

Left: -0.010 $\pm$ 0.007 χ^2 /NDF: 9.6/1

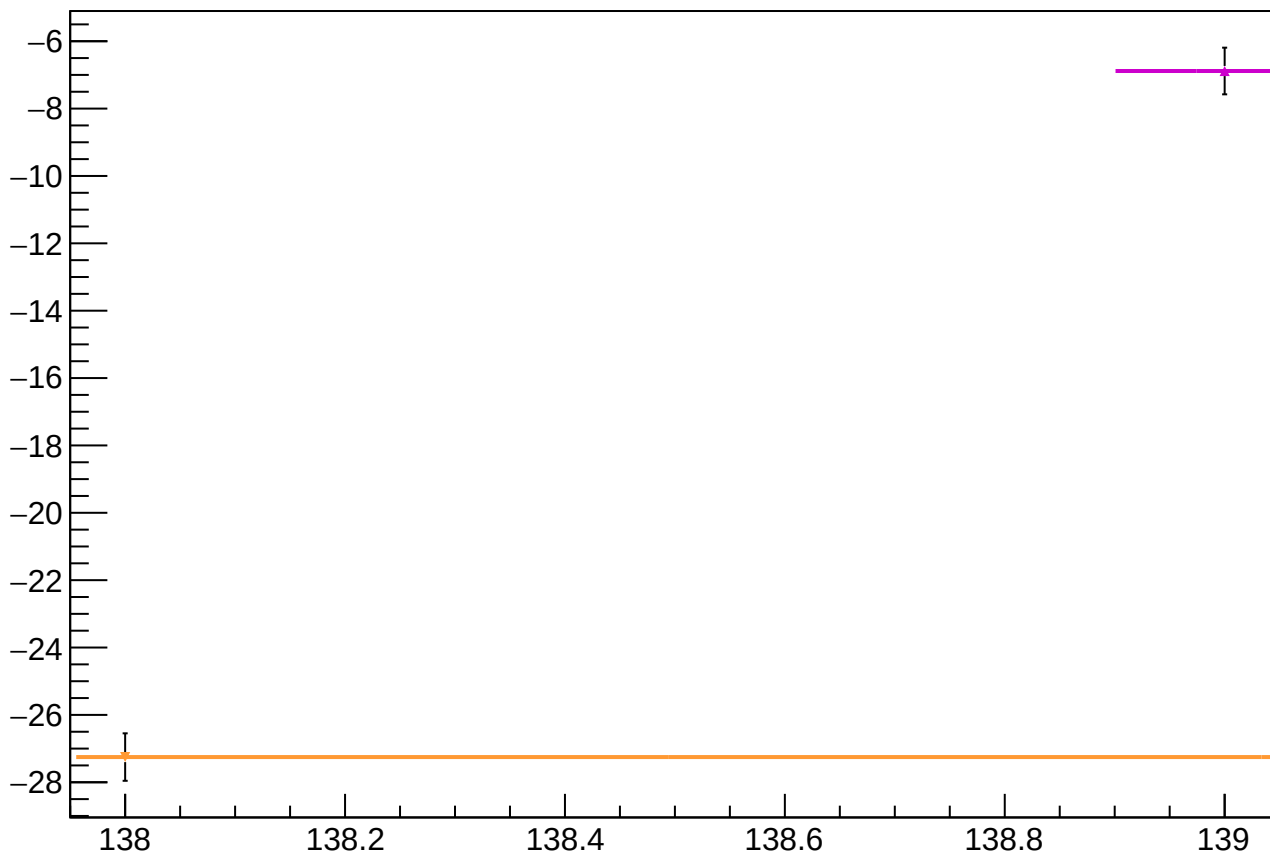
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2082.4/35

In: 0.080 $\pm$ 0.006 χ^2 /NDF:1279.3/17

Out: 0.124 $\pm$ 0.006 χ^2 /NDF:1185.2/19

All: 0.101 $\pm$ 0.004 χ^2 /NDF: 2493.2/37

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -27.252 $\pm$ 0.705 χ^2 /NDF: 0.0/0

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

Left In: -6.884 $\pm$ 0.693 χ^2 /NDF: 0.0/0

Left: -16.895 $\pm$ 0.494 χ^2 /NDF: 425.0/1

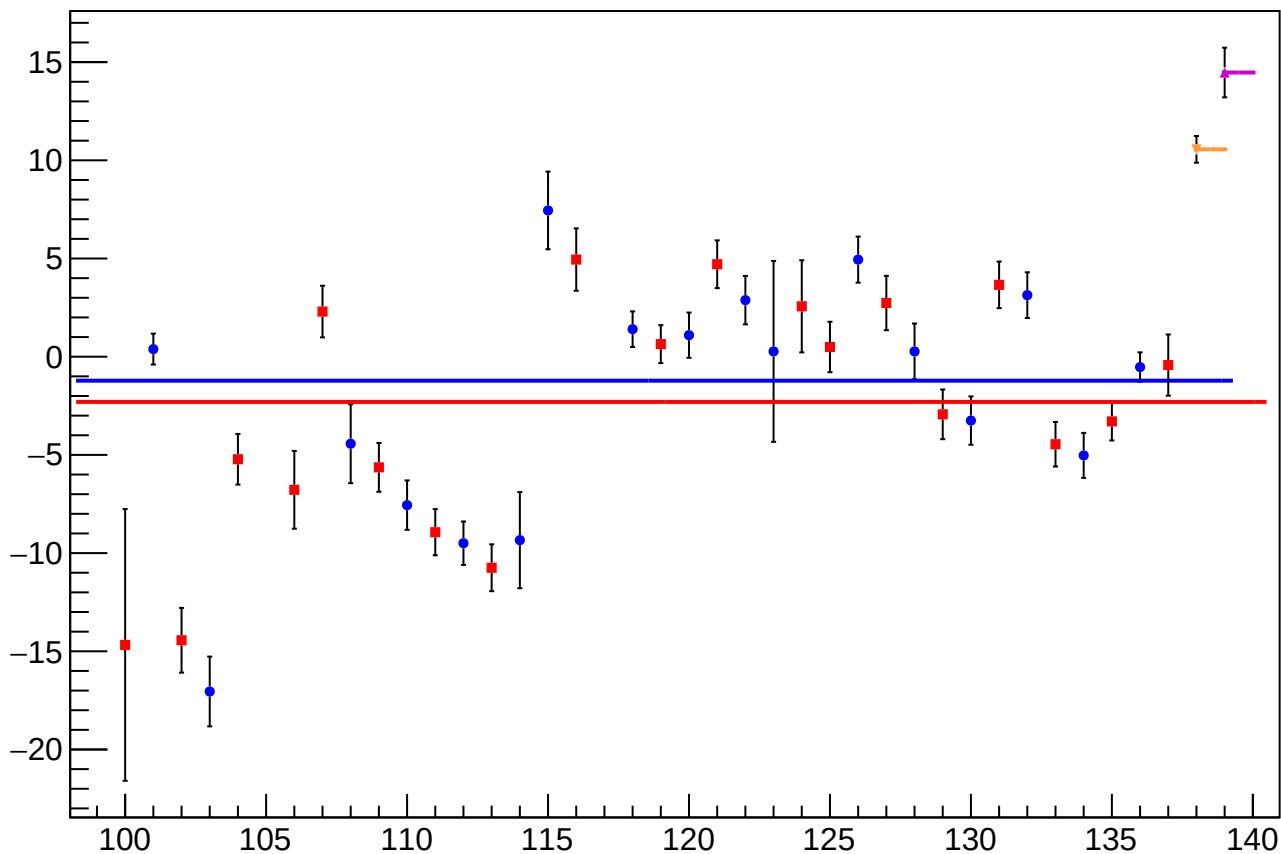
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -6.884 $\pm$ 0.693 χ^2 /NDF: 0.0/0

Out: -27.252 $\pm$ 0.705 χ^2 /NDF: 0.0/0

All: -16.895 $\pm$ 0.494 χ^2 /NDF: 425.0/1

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 10.559 ± 0.681 χ^2/NDF : 0.0/0

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

Left In: 14.471 ± 1.265 χ^2/NDF : 0.0/0

Left: 11.438 ± 0.600 χ^2/NDF : 7.4/1

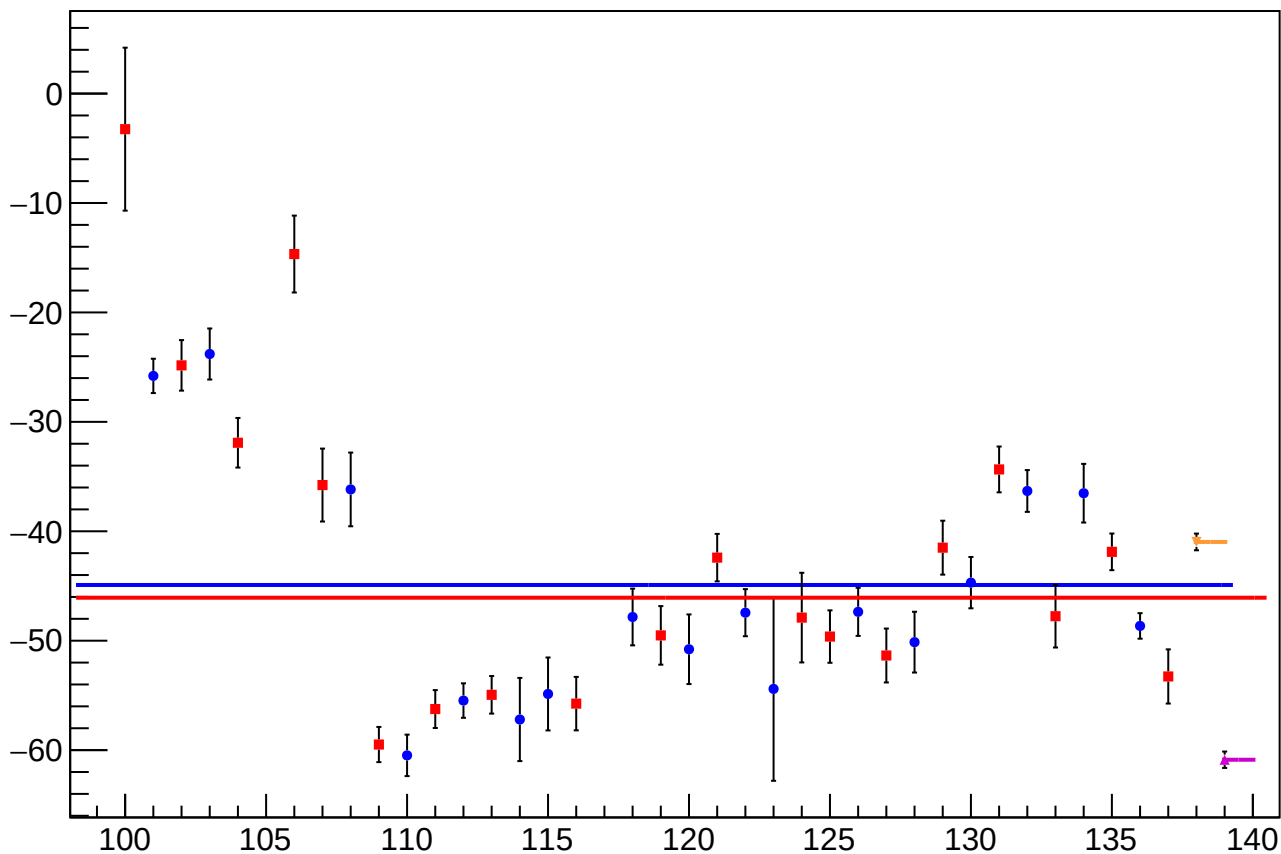
Right: -1.738 ± 0.209 χ^2/NDF : 571.5/35

In: -0.436 ± 0.283 χ^2/NDF : 424.8/17

Out: -0.184 ± 0.276 χ^2/NDF : 584.1/19

All: -0.307 ± 0.198 χ^2/NDF : 1009.3/37

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: -60.878 ± 0.749 χ^2/NDF : 0.0/0

Left: -51.123 ± 0.535 χ^2/NDF : 346.5/1

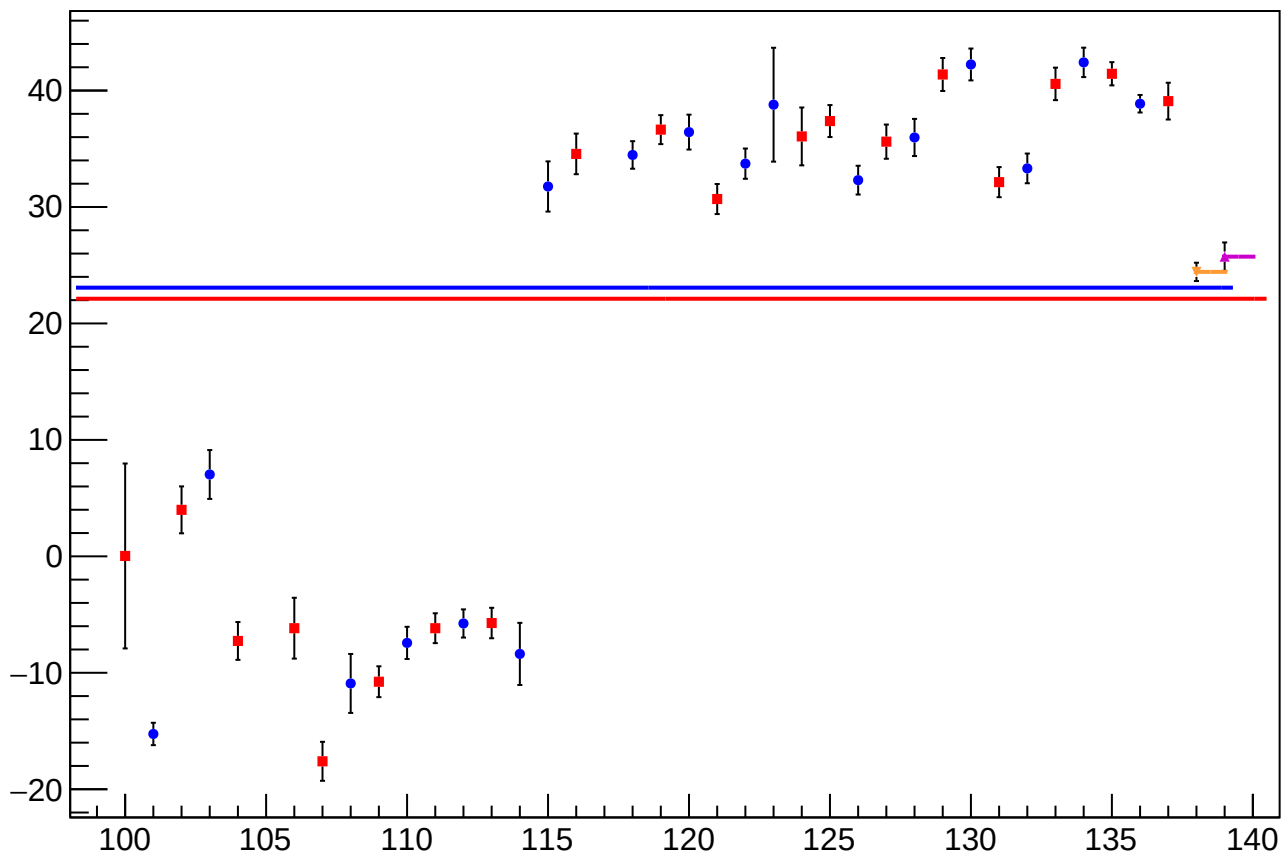
Right: -45.483 ± 0.371 χ^2/NDF : 877.6/35

In: -50.140 ± 0.428 χ^2/NDF : 727.2/17

Out: -44.421 ± 0.434 χ^2/NDF : 484.1/19

All: -47.320 ± 0.305 χ^2/NDF : 1299.2/37

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: 25.736+/-1.219 χ^2/NDF :0.0/0

Left: 24.813+/-0.661 χ^2/NDF : 0.8/1

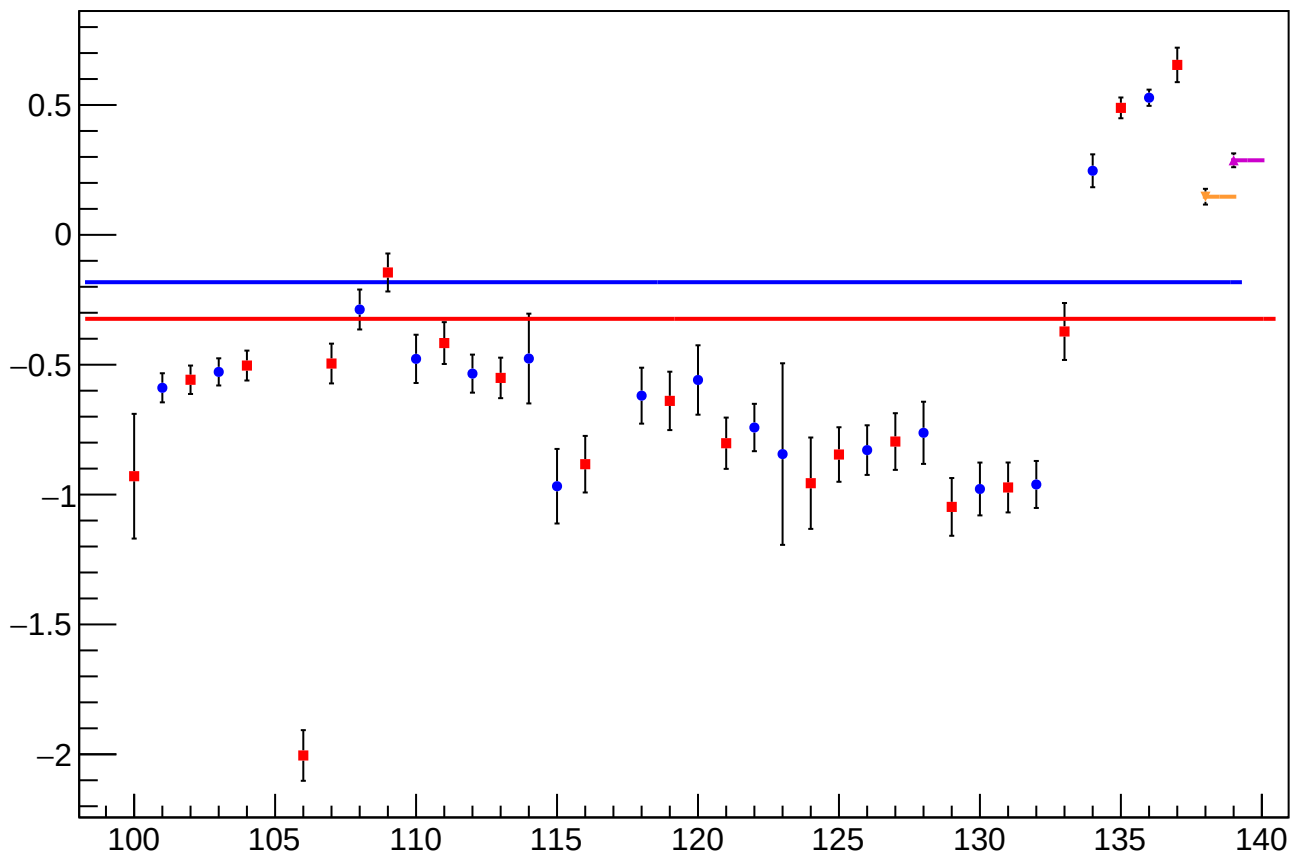
Right: 22.617+/-0.235 χ^2/NDF : 8384.4/35

In: 23.251+/-0.315 χ^2/NDF :4350.4/17

Out: 22.485+/-0.312 χ^2/NDF :4041.6/19

All: 22.864+/-0.222 χ^2/NDF : 8395.0/37

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: 0.287 ± 0.027 χ^2/NDF : 0.0/0

Left: 0.226 ± 0.020 χ^2/NDF : 12.1/1

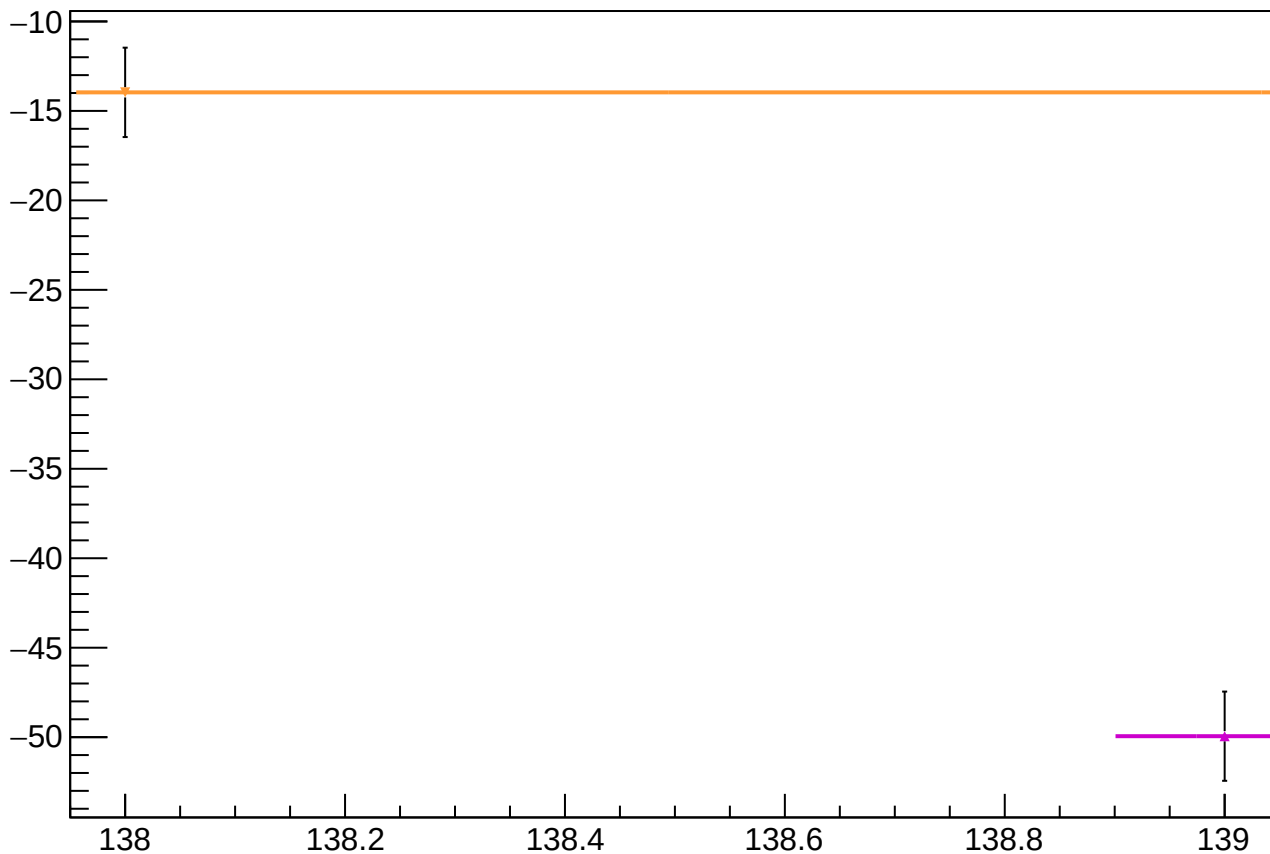
Right: -0.251 ± 0.013 χ^2/NDF : 2213.4/35

In: -0.038 ± 0.015 χ^2/NDF : 1212.9/17

Out: -0.199 ± 0.016 χ^2/NDF : 1361.6/19

All: -0.114 ± 0.011 χ^2/NDF : 2630.5/37

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: -49.945+/-2.493 χ^2/NDF : 0.0/0

Left: -31.989+/-1.764 χ^2/NDF : 104.0/1

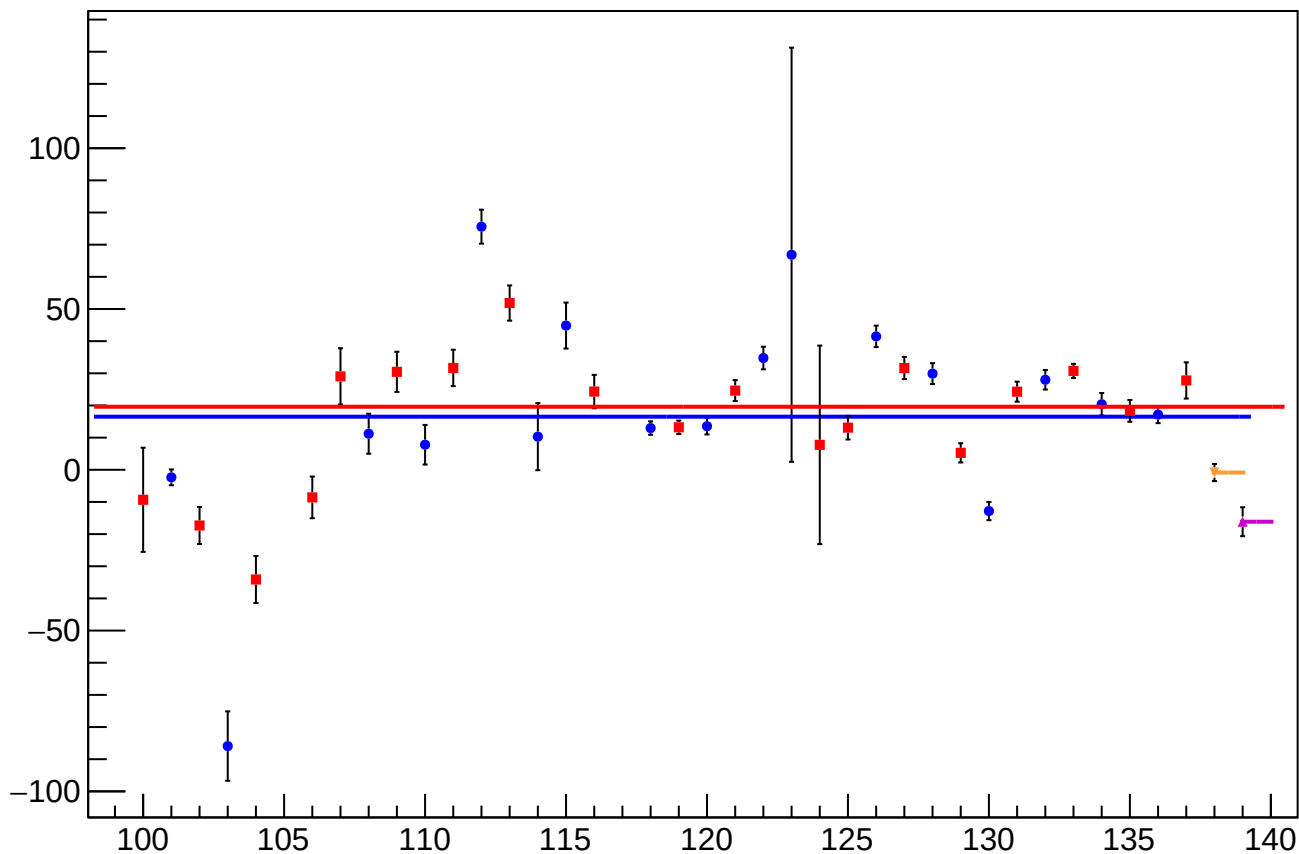
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.945+/-2.493 χ^2/NDF : 0.0/0

Out: -13.963+/-2.498 χ^2/NDF : 0.0/0

All: -31.989+/-1.764 χ^2/NDF : 104.0/1

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: -16.151 $\pm$ 4.498 χ^2 /NDF: 0.0/0

Left: -4.844 $\pm$ 2.297 χ^2 /NDF: 8.5/1

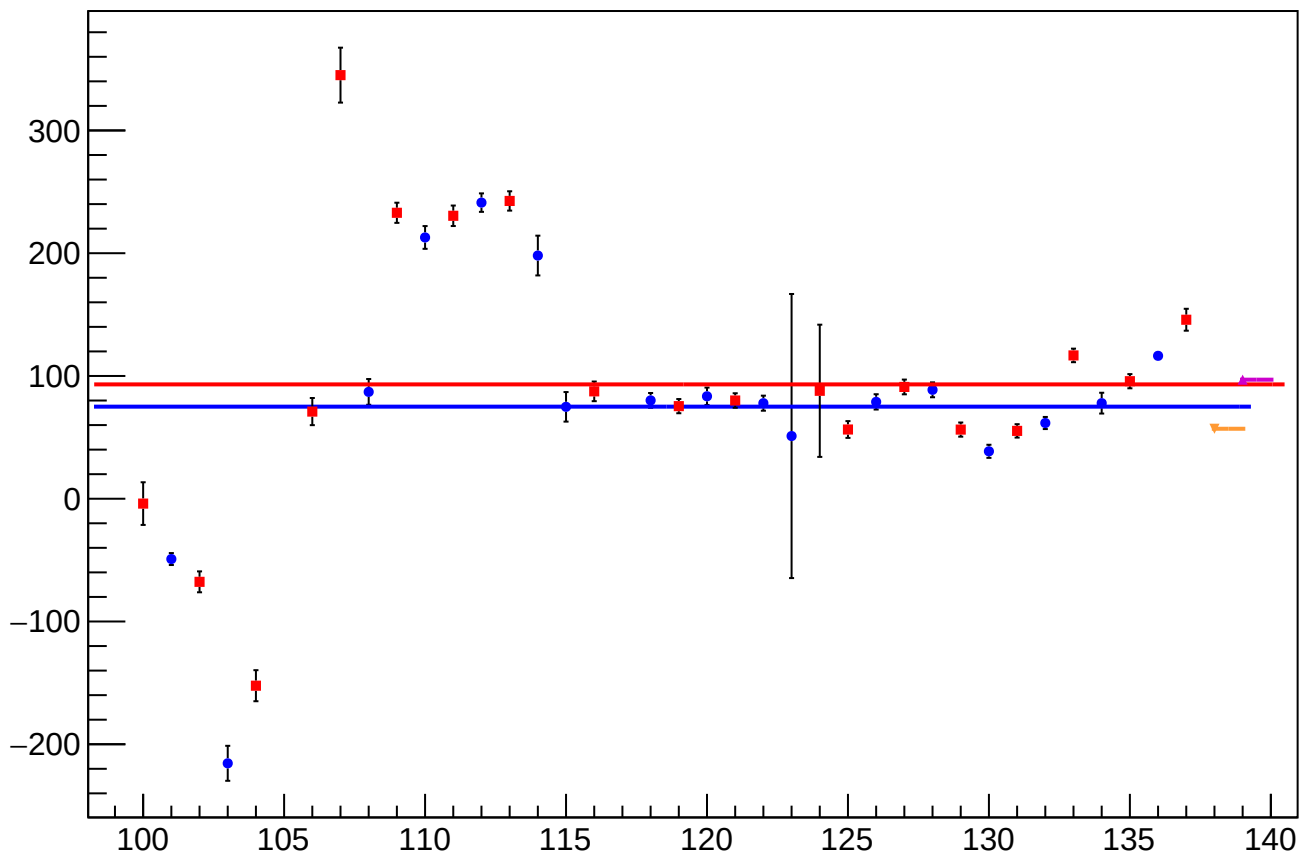
Right: 17.968 $\pm$ 0.616 χ^2 /NDF: 767.9/35

In: 15.392 $\pm$ 0.833 χ^2 /NDF: 570.6/17

Out: 17.526 $\pm$ 0.852 χ^2 /NDF: 294.6/19

All: 16.436 $\pm$ 0.595 χ^2 /NDF: 868.4/37

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 57.002 $\pm$ 2.710 χ^2 /NDF:0.0/0

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

Left In: 96.985 $\pm$ 2.699 χ^2 /NDF:0.0/0

Left: 77.074 $\pm$ 1.912 χ^2 /NDF: 109.3/1

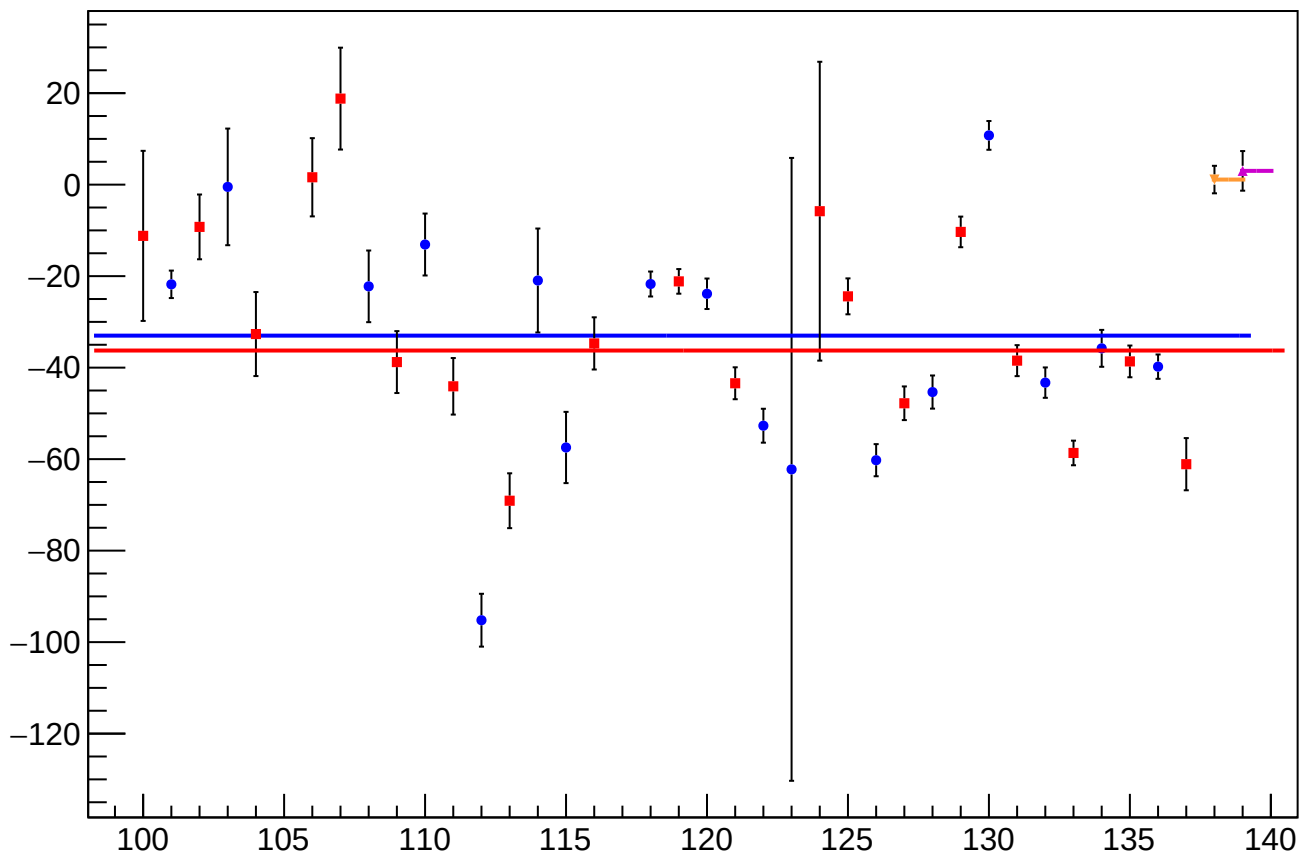
Right: 83.668 $\pm$ 1.183 χ^2 /NDF: 4060.3/35

In: 80.915 $\pm$ 1.399 χ^2 /NDF:2047.8/17

Out: 82.836 $\pm$ 1.447 χ^2 /NDF:2129.5/19

All: 81.843 $\pm$ 1.006 χ^2 /NDF: 4178.2/37

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 $\chi^2/\text{NDF}: 493.1/16$

Left Out: 1.110 ± 3.007 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.260 ± 1.025 $\chi^2/\text{NDF}: 297.1/18$

Left In: 3.010 ± 4.330 $\chi^2/\text{NDF}: 0.0/0$

Left: 1.728 ± 2.470 $\chi^2/\text{NDF}: 0.1/1$

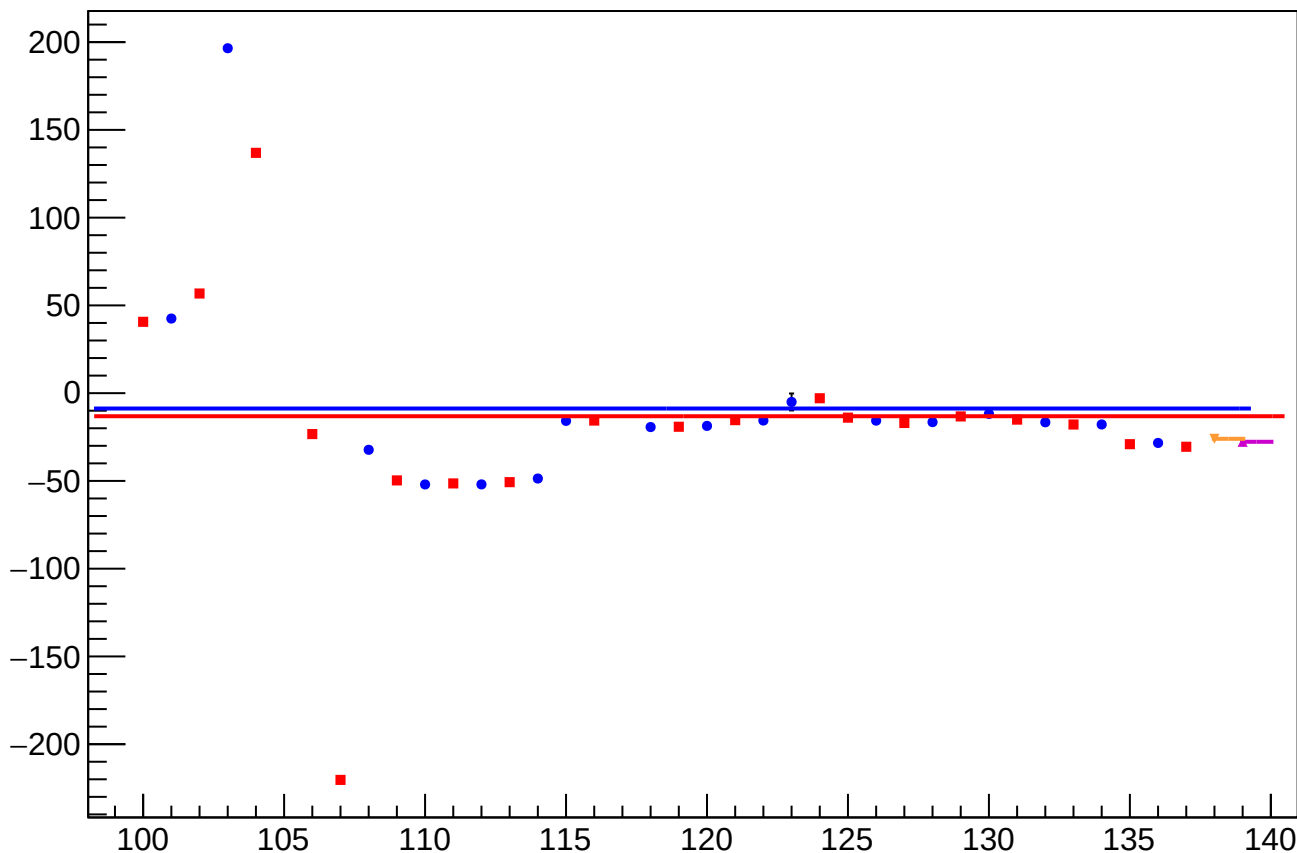
Right: -34.545 ± 0.705 $\chi^2/\text{NDF}: 795.4/35$

In: -31.278 ± 0.948 $\chi^2/\text{NDF}: 558.9/17$

Out: -32.369 ± 0.970 $\chi^2/\text{NDF}: 435.4/19$

All: -31.811 ± 0.678 $\chi^2/\text{NDF}: 995.0/37$

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: -27.705 ± 0.095 χ^2/NDF : 0.0/0

Left: -26.941 ± 0.071 χ^2/NDF : 143.4/1

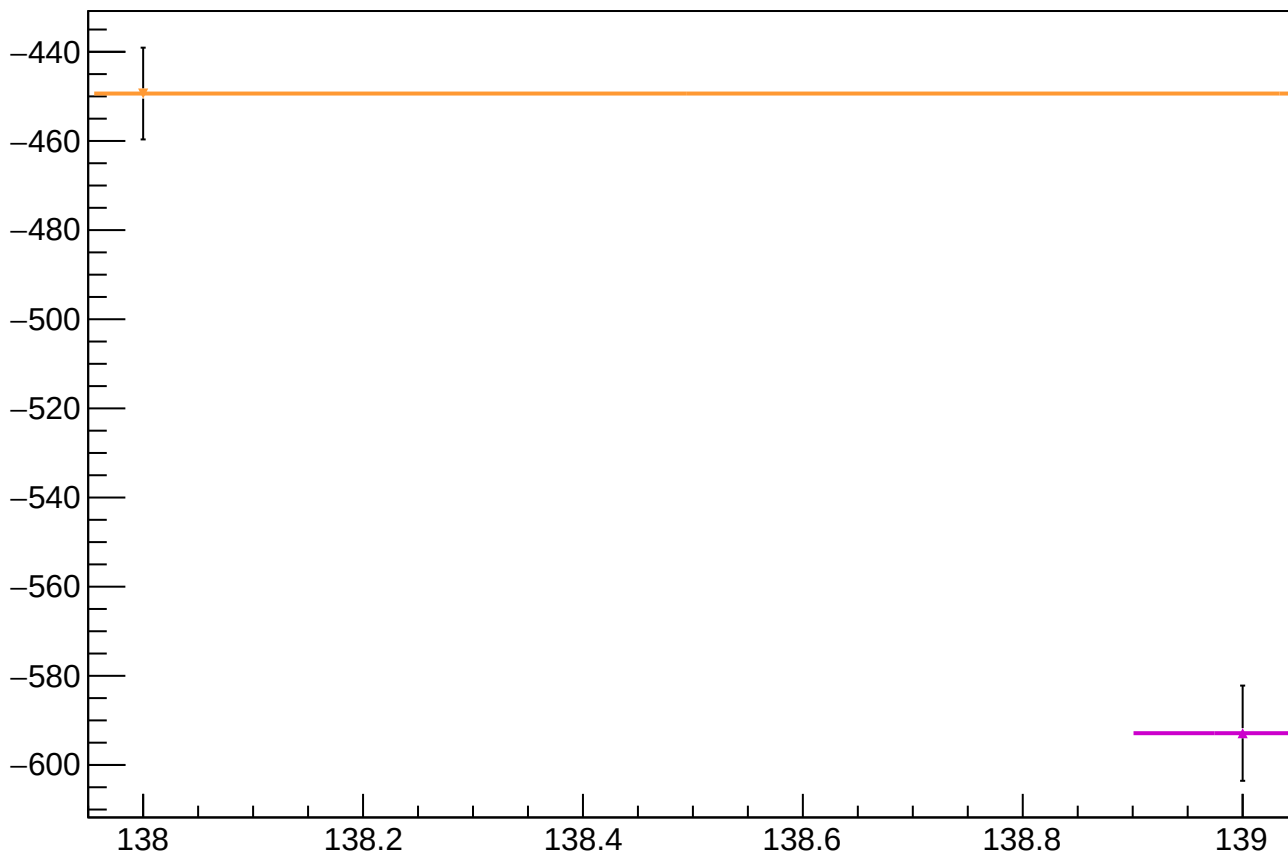
Right: -10.840 ± 0.043 χ^2/NDF : 1137294.9/35

In: -13.991 ± 0.050 χ^2/NDF : 604733.1/17

Out: -16.430 ± 0.053 χ^2/NDF : 569723.9/19

All: -15.134 ± 0.036 χ^2/NDF : 1175571.8/37

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: -592.872+/-10.680 χ^2 /NDF:0.0/0

Left: -518.467+/-7.411 χ^2 /NDF: 93.6/1

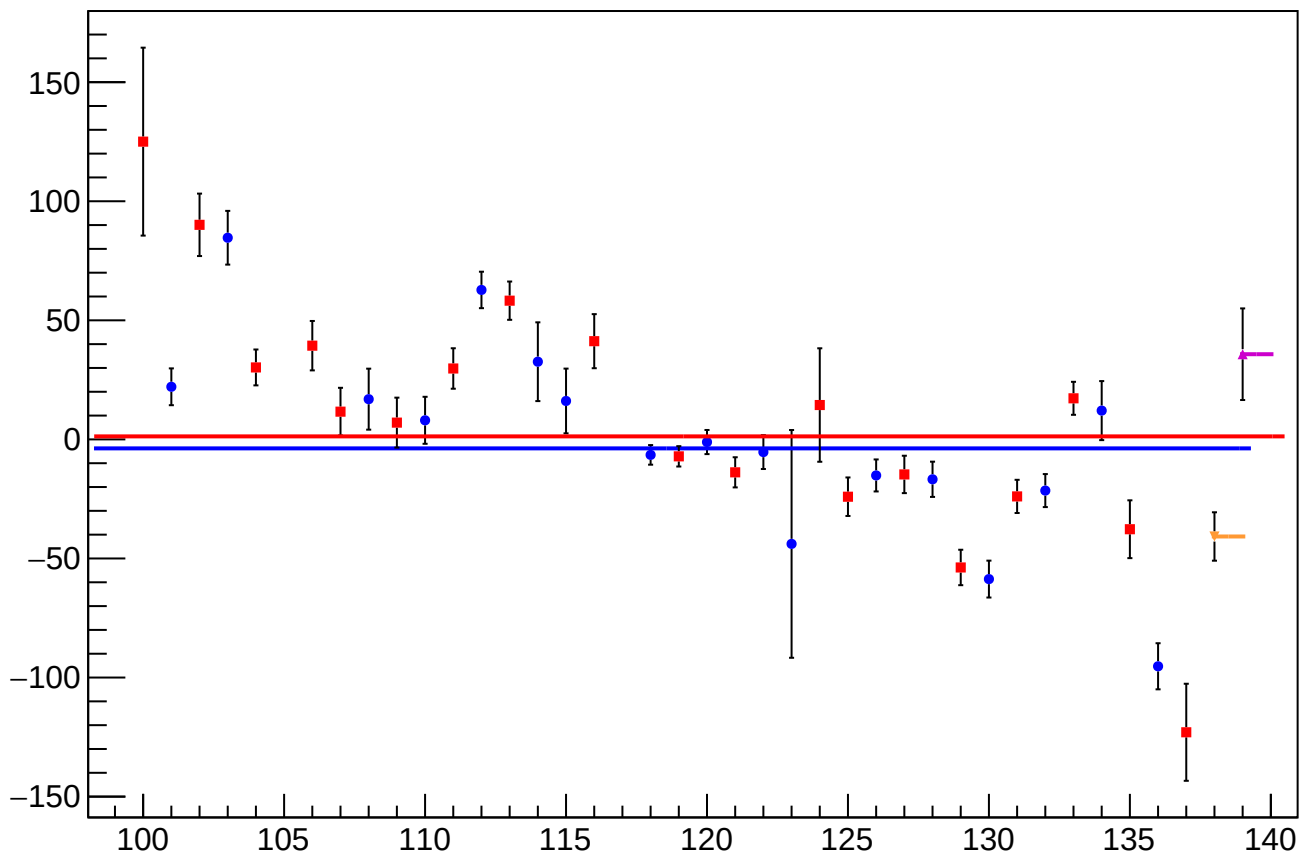
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -592.872+/-10.680 χ^2 /NDF:0.0/0

Out: -449.364+/-10.293 χ^2 /NDF:0.0/0

All: -518.467+/-7.411 χ^2 /NDF: 93.6/1

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: 35.770 ± 19.233 χ^2/NDF : 0.0/0

Left: -24.062 ± 8.986 χ^2/NDF : 12.4/1

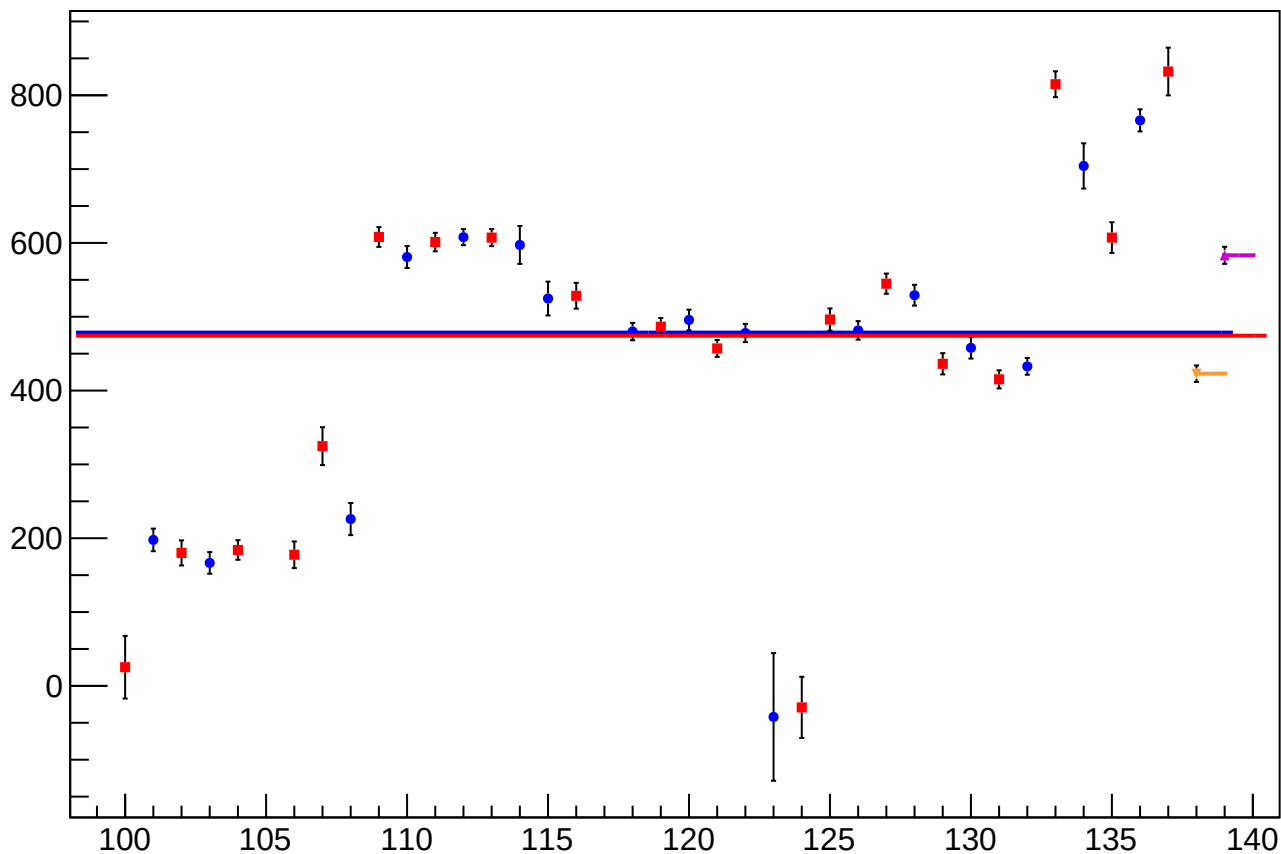
Right: -1.296 ± 1.346 χ^2/NDF : 621.6/35

In: -3.396 ± 1.879 χ^2/NDF : 318.5/17

Out: -0.183 ± 1.887 χ^2/NDF : 320.3/19

All: -1.796 ± 1.332 χ^2/NDF : 640.2/37

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: 583.230+/-11.565 χ^2/NDF : 0.0/0

Left: 500.194+/-8.030 χ^2/NDF : 99.5/1

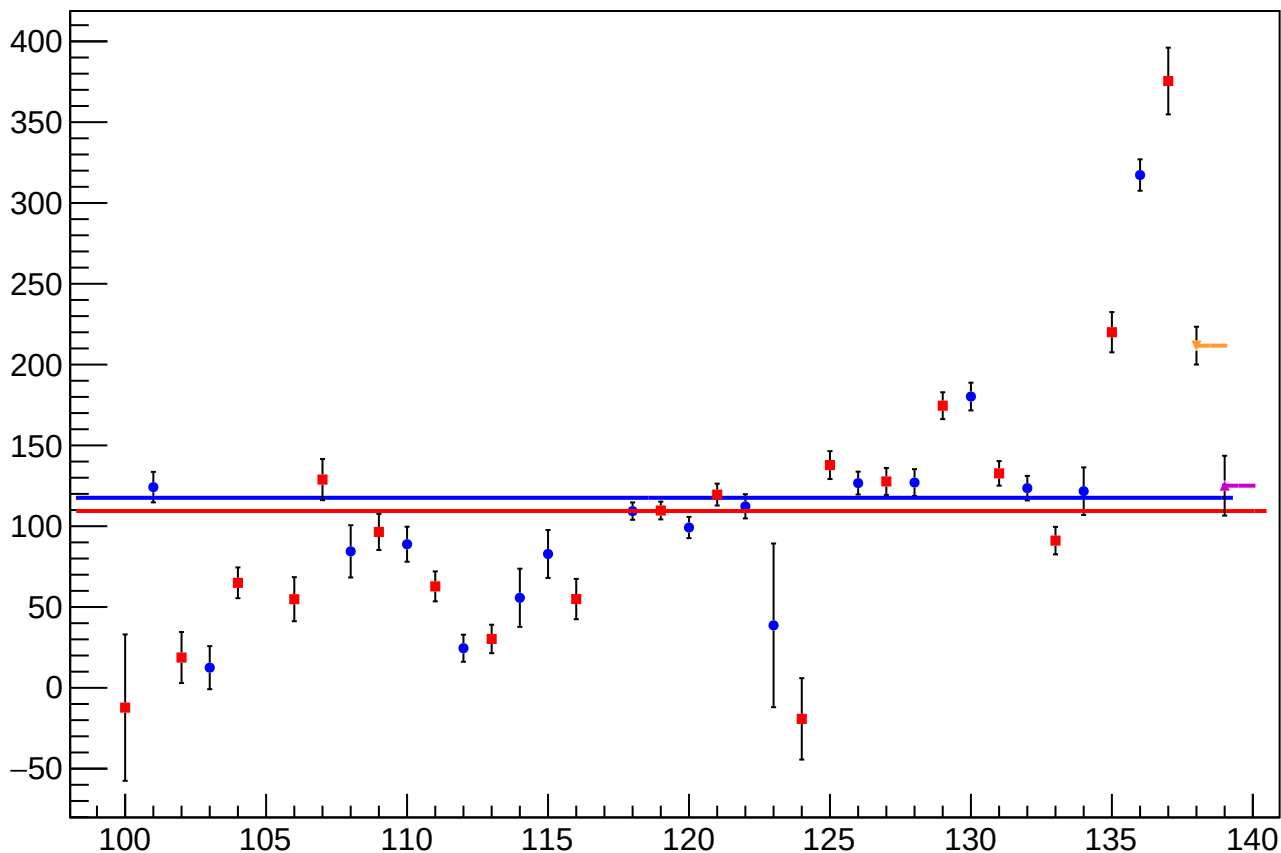
Right: 476.370+/-2.532 χ^2/NDF : 3916.8/35

In: 487.916+/-3.463 χ^2/NDF : 1703.6/17

Out: 469.644+/-3.368 χ^2/NDF : 2306.4/19

All: 478.524+/-2.415 χ^2/NDF : 4024.3/37

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: 125.086 $\pm$ 18.513 χ^2 /NDF:0.0/0

Left: 187.006 $\pm$ 9.890 χ^2 /NDF: 15.7/1

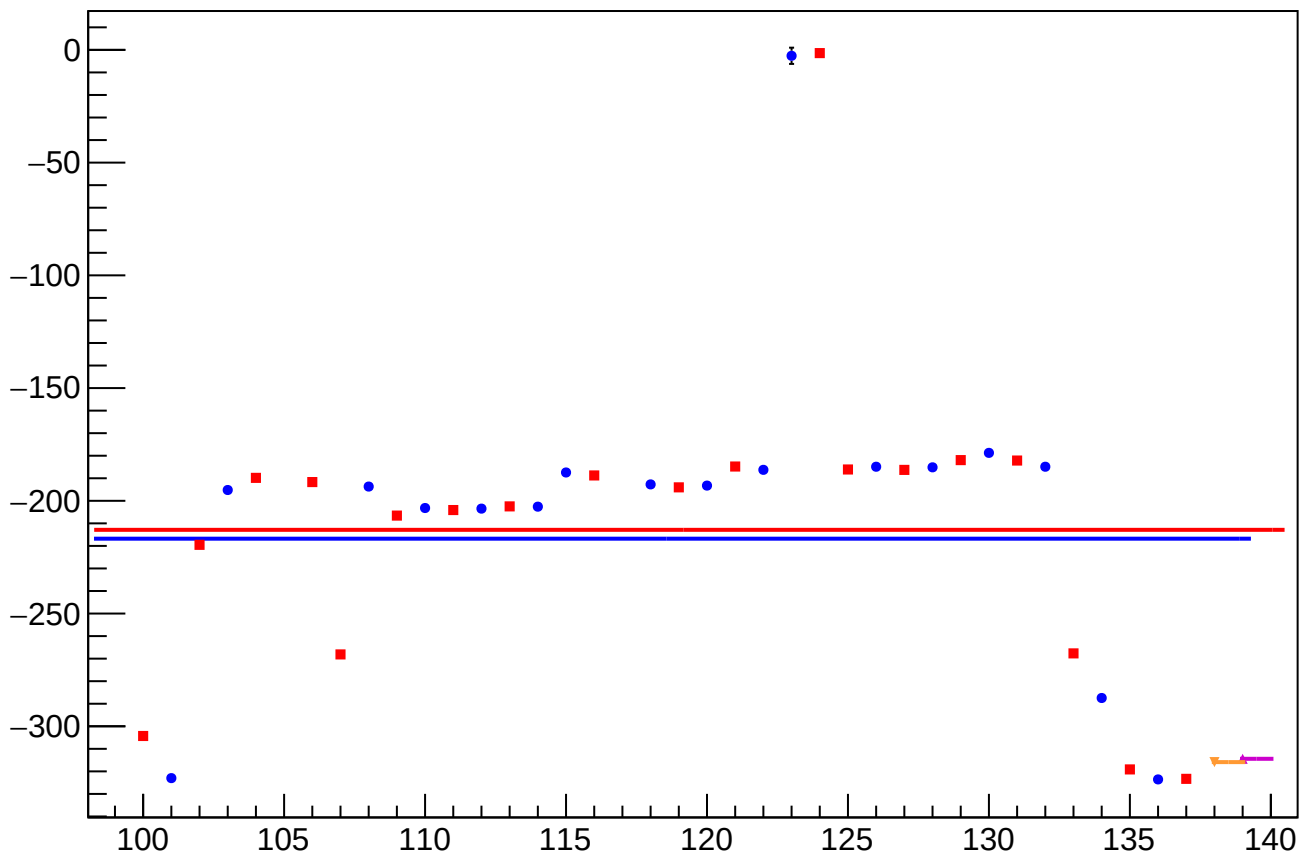
Right: 113.524 $\pm$ 1.557 χ^2 /NDF: 1285.0/35

In: 117.689 $\pm$ 2.178 χ^2 /NDF:707.1/17

Out: 112.925 $\pm$ 2.171 χ^2 /NDF:645.1/19

All: 115.300 $\pm$ 1.538 χ^2 /NDF: 1354.5/37

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -315.891 ± 0.443 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

Left In: -314.423 ± 0.407 $\chi^2/\text{NDF}: 0.0/0$

Left: -315.095 ± 0.300 $\chi^2/\text{NDF}: 5.9/1$

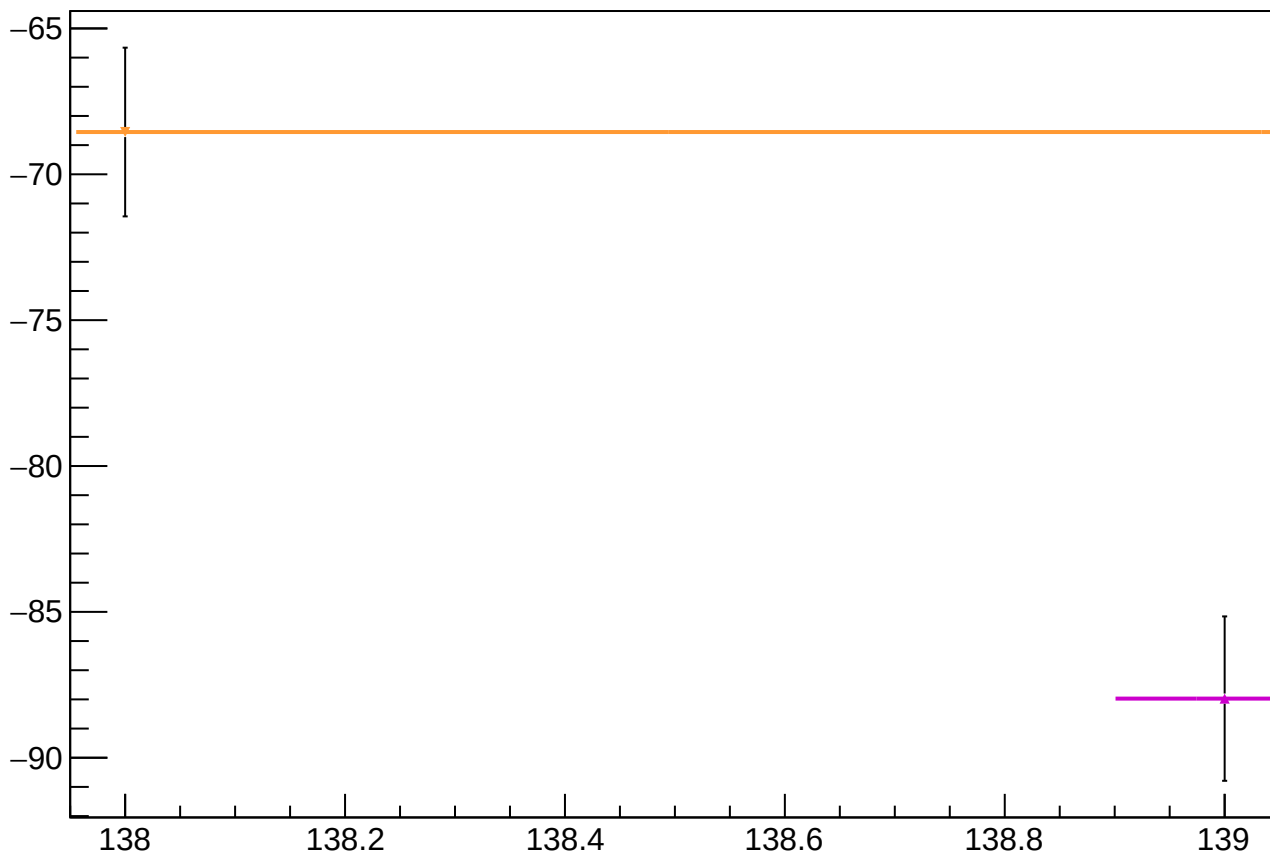
Right: -214.751 ± 0.094 $\chi^2/\text{NDF}: 263806.1/35$

In: -226.556 ± 0.129 $\chi^2/\text{NDF}: 198757.6/17$

Out: -221.041 ± 0.125 $\chi^2/\text{NDF}: 166095.6/19$

All: -223.716 ± 0.090 $\chi^2/\text{NDF}: 365798.9/37$

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: -87.973+/-2.818 χ^2/NDF : 0.0/0

Left: -78.514+/-2.018 χ^2/NDF : 23.1/1

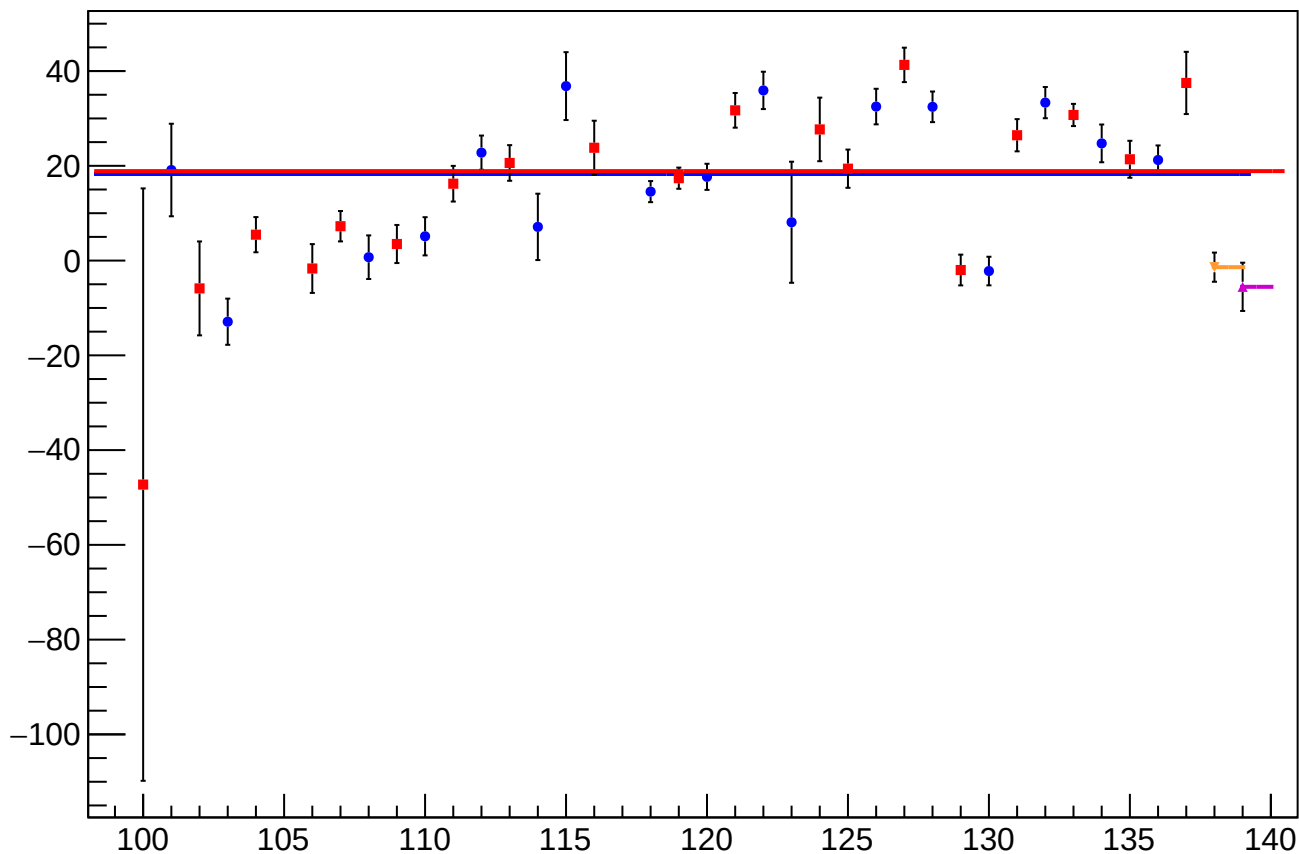
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.973+/-2.818 χ^2/NDF : 0.0/0

Out: -68.551+/-2.892 χ^2/NDF : 0.0/0

All: -78.514+/-2.018 χ^2/NDF : 23.1/1

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: -1.391 $\pm$ 3.079 χ^2 /NDF:0.0/0

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

Left In: -5.538 $\pm$ 5.092 χ^2 /NDF:0.0/0

Left: -2.501 $\pm$ 2.635 χ^2 /NDF: 0.5/1

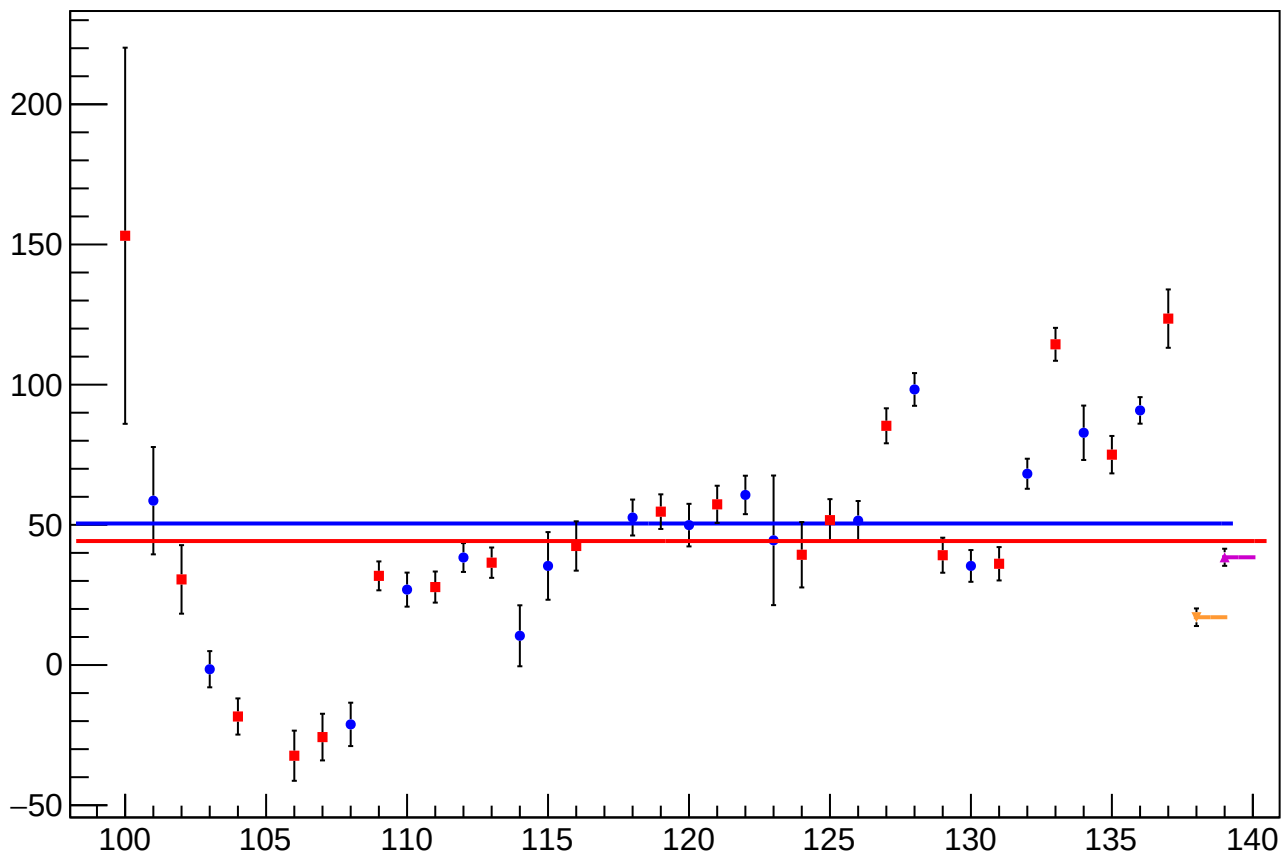
Right: 18.595 $\pm$ 0.625 χ^2 /NDF: 403.2/35

In: 17.549 $\pm$ 0.892 χ^2 /NDF:225.8/17

Out: 17.401 $\pm$ 0.832 χ^2 /NDF:238.6/19

All: 17.470 $\pm$ 0.608 χ^2 /NDF: 464.4/37

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: 38.430 $\pm$ 3.049 χ^2 /NDF:0.0/0

Left: 28.041 $\pm$ 2.186 χ^2 /NDF: 23.9/1

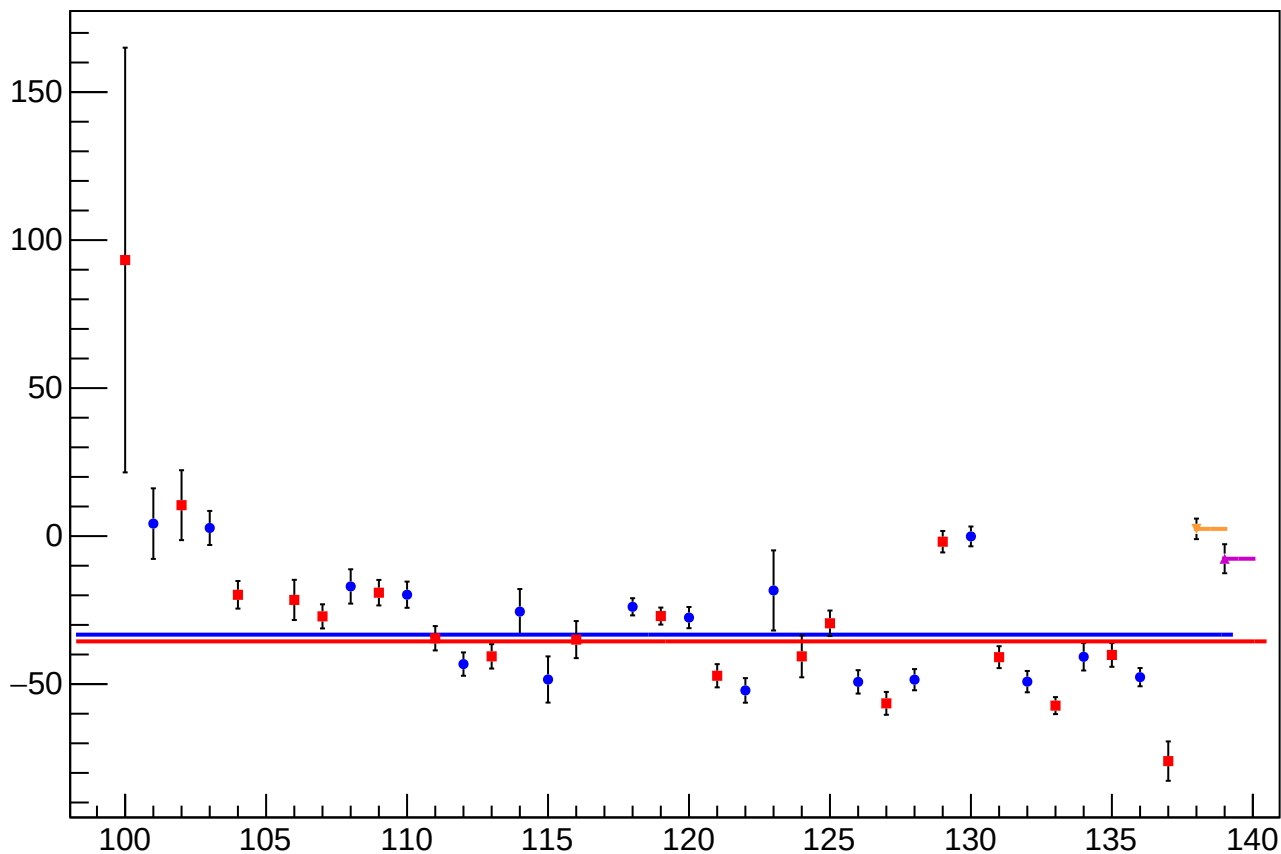
Right: 47.226 $\pm$ 1.156 χ^2 /NDF: 899.6/35

In: 47.706 $\pm$ 1.463 χ^2 /NDF:369.9/17

Out: 38.597 $\pm$ 1.427 χ^2 /NDF:593.9/19

All: 43.037 $\pm$ 1.022 χ^2 /NDF: 983.7/37

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: 2.447 ± 3.471 χ^2/NDF : 0.0/0

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

Left In: -7.641 ± 4.904 χ^2/NDF : 0.0/0

Left: -0.920 ± 2.833 χ^2/NDF : 2.8/1

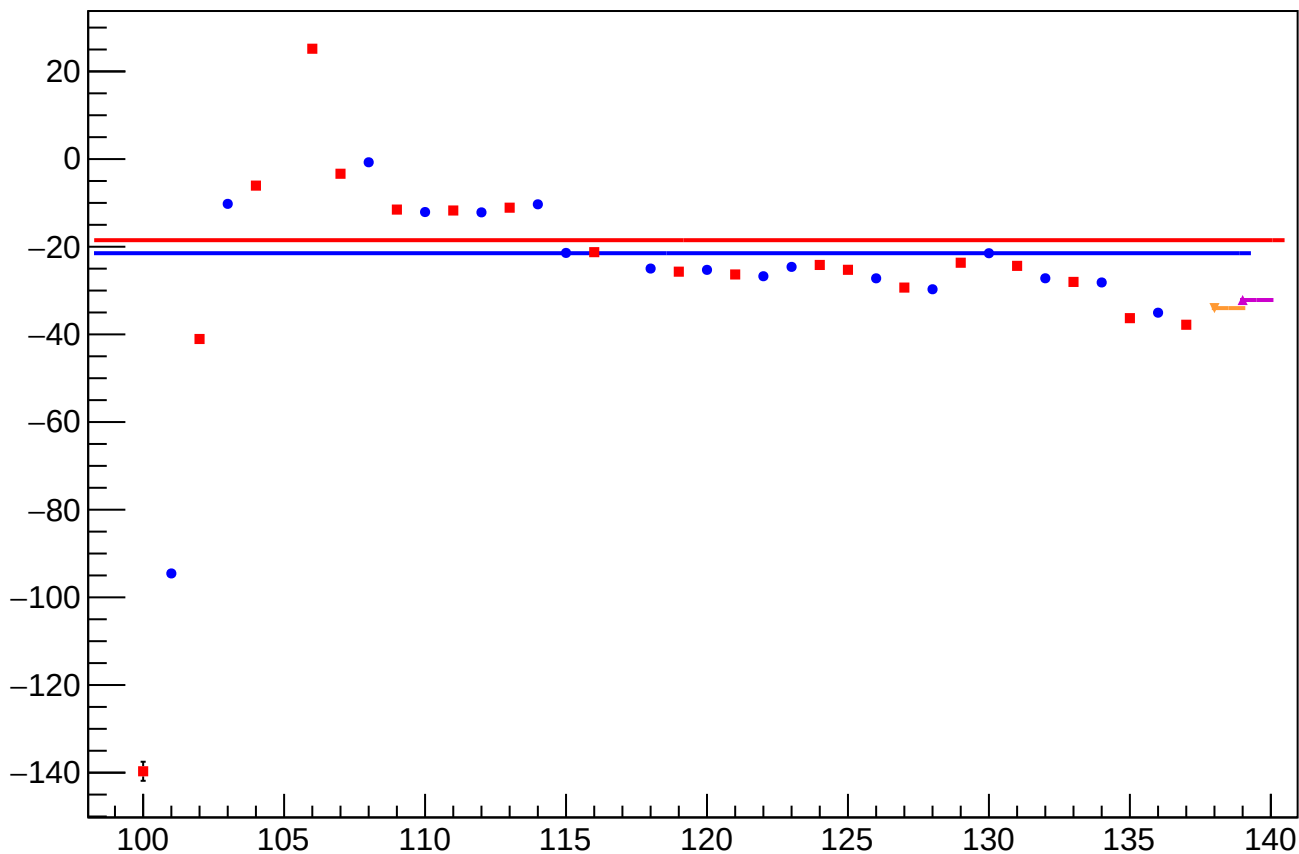
Right: -34.474 ± 0.716 χ^2/NDF : 579.3/35

In: -32.202 ± 1.011 χ^2/NDF : 315.3/17

Out: -32.693 ± 0.954 χ^2/NDF : 398.5/19

All: -32.461 ± 0.694 χ^2/NDF : 713.9/37

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -34.003 ± 0.122 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

Left In: -32.155 ± 0.108 $\chi^2/\text{NDF}: 0.0/0$

Left: -32.963 ± 0.081 $\chi^2/\text{NDF}: 128.8/1$

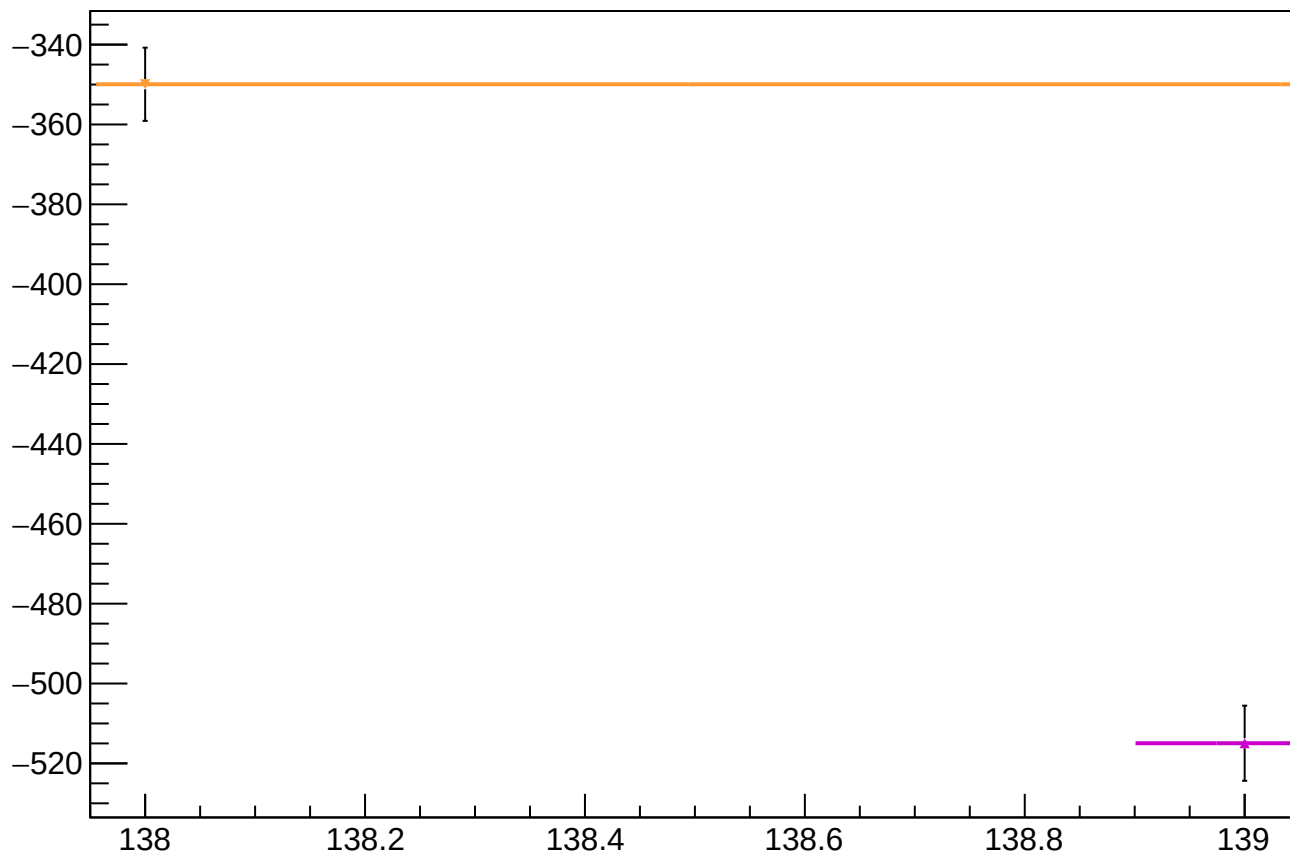
Right: -19.957 ± 0.041 $\chi^2/\text{NDF}: 131054.3/35$

In: -23.924 ± 0.052 $\chi^2/\text{NDF}: 56600.2/17$

Out: -21.305 ± 0.052 $\chi^2/\text{NDF}: 93922.7/19$

All: -22.624 ± 0.037 $\chi^2/\text{NDF}: 151804.8/37$

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: -514.954+/-9.407 χ^2/NDF : 0.0/0

Left: -430.302+/-6.565 χ^2/NDF : 157.9/1

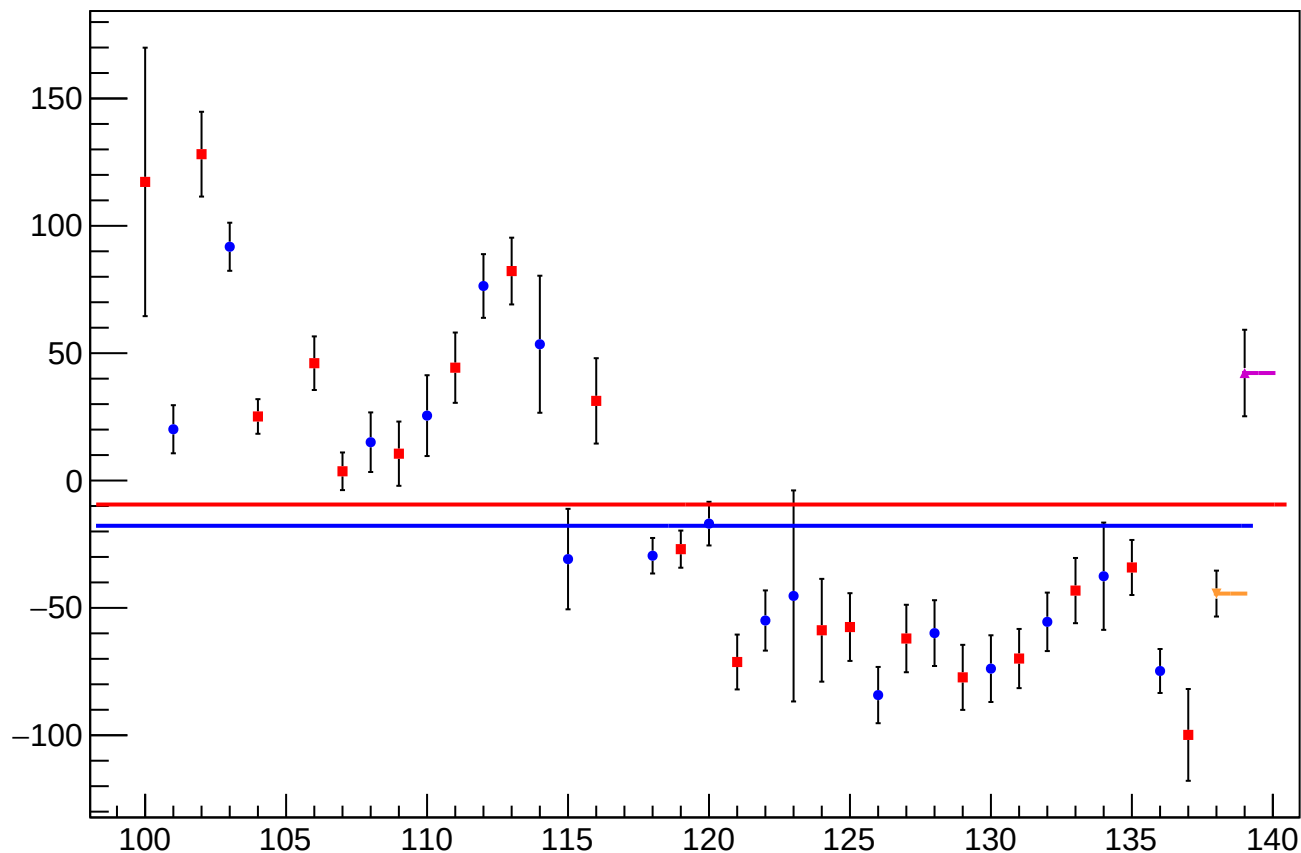
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -514.954+/-9.407 χ^2/NDF : 0.0/0

Out: -349.933+/-9.166 χ^2/NDF : 0.0/0

All: -430.302+/-6.565 χ^2/NDF : 157.9/1

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: 42.212 ± 16.982 χ^2/NDF : 0.0/0

Left: -25.353 ± 7.961 χ^2/NDF : 20.3/1

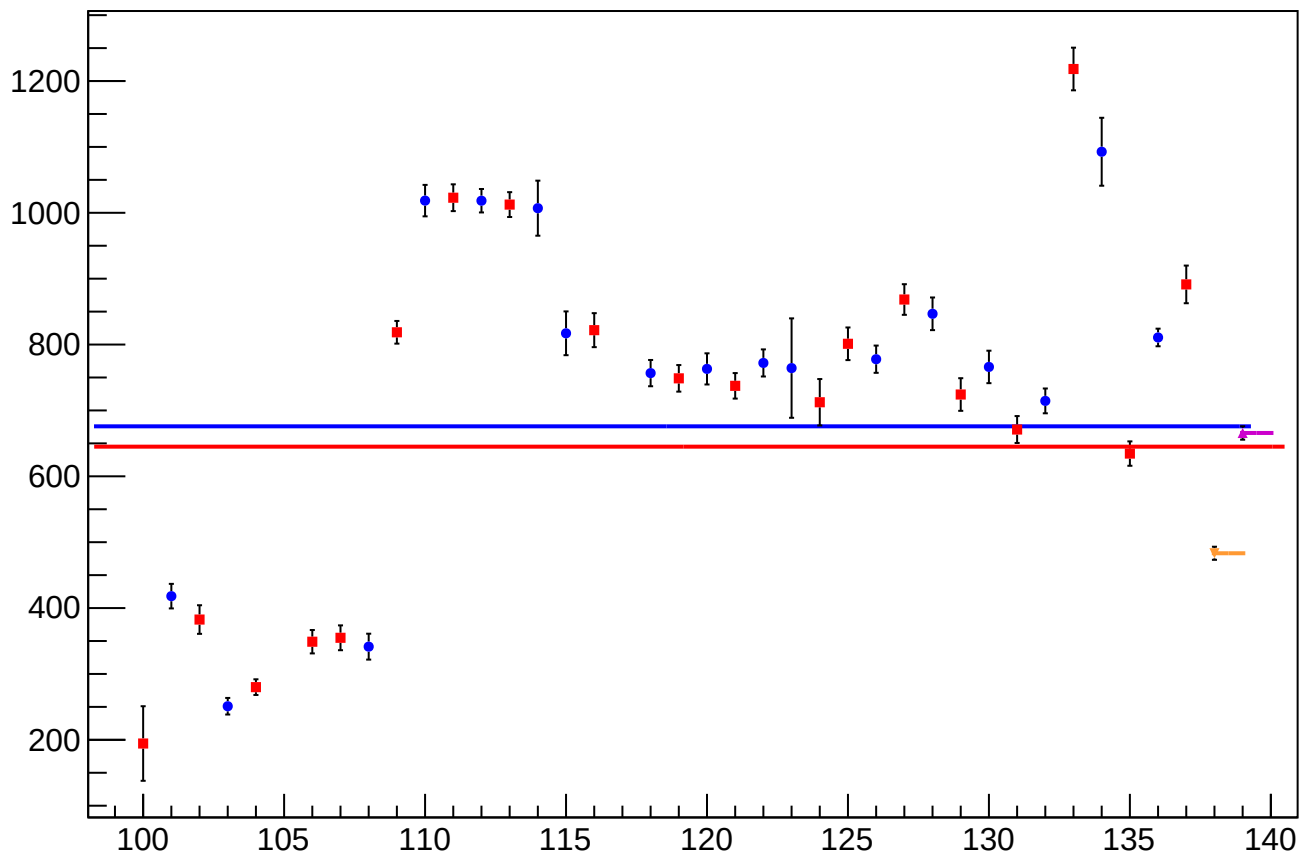
Right: -13.331 ± 1.905 χ^2/NDF : 738.2/35

In: -16.198 ± 2.745 χ^2/NDF : 376.0/17

Out: -12.128 ± 2.510 χ^2/NDF : 383.5/19

All: -13.981 ± 1.852 χ^2/NDF : 760.7/37

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871 $\pm$ 5.037 χ^2/NDF : 2586.4/16

Left Out: 483.194 $\pm$ 9.935 χ^2/NDF : 0.0/0

Right Out: 645.014 $\pm$ 4.761 χ^2/NDF : 3123.3/18

Left In: 665.799 $\pm$ 10.182 χ^2/NDF : 0.0/0

Left: 572.260 $\pm$ 7.111 χ^2/NDF : 164.8/1

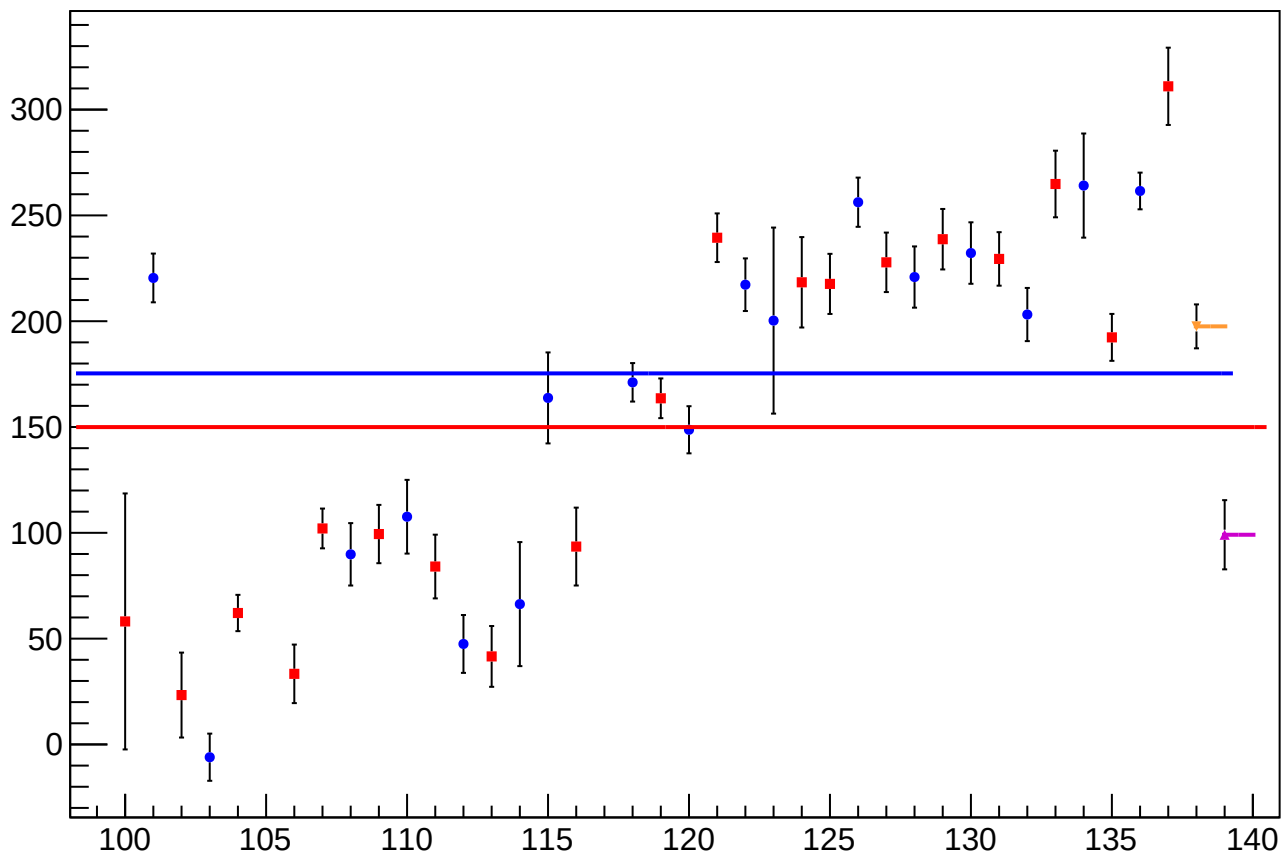
Right: 659.573 $\pm$ 3.460 χ^2/NDF : 5729.5/35

In: 673.891 $\pm$ 4.515 χ^2/NDF : 2587.2/17

Out: 614.795 $\pm$ 4.293 χ^2/NDF : 3339.0/19

All: 642.859 $\pm$ 3.111 χ^2/NDF : 6016.2/37

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 197.562 $\pm$ 10.384 χ^2 /NDF:0.0/0

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

Left In: 99.088 $\pm$ 16.350 χ^2 /NDF:0.0/0

Left: 169.259 $\pm$ 8.765 χ^2 /NDF: 25.8/1

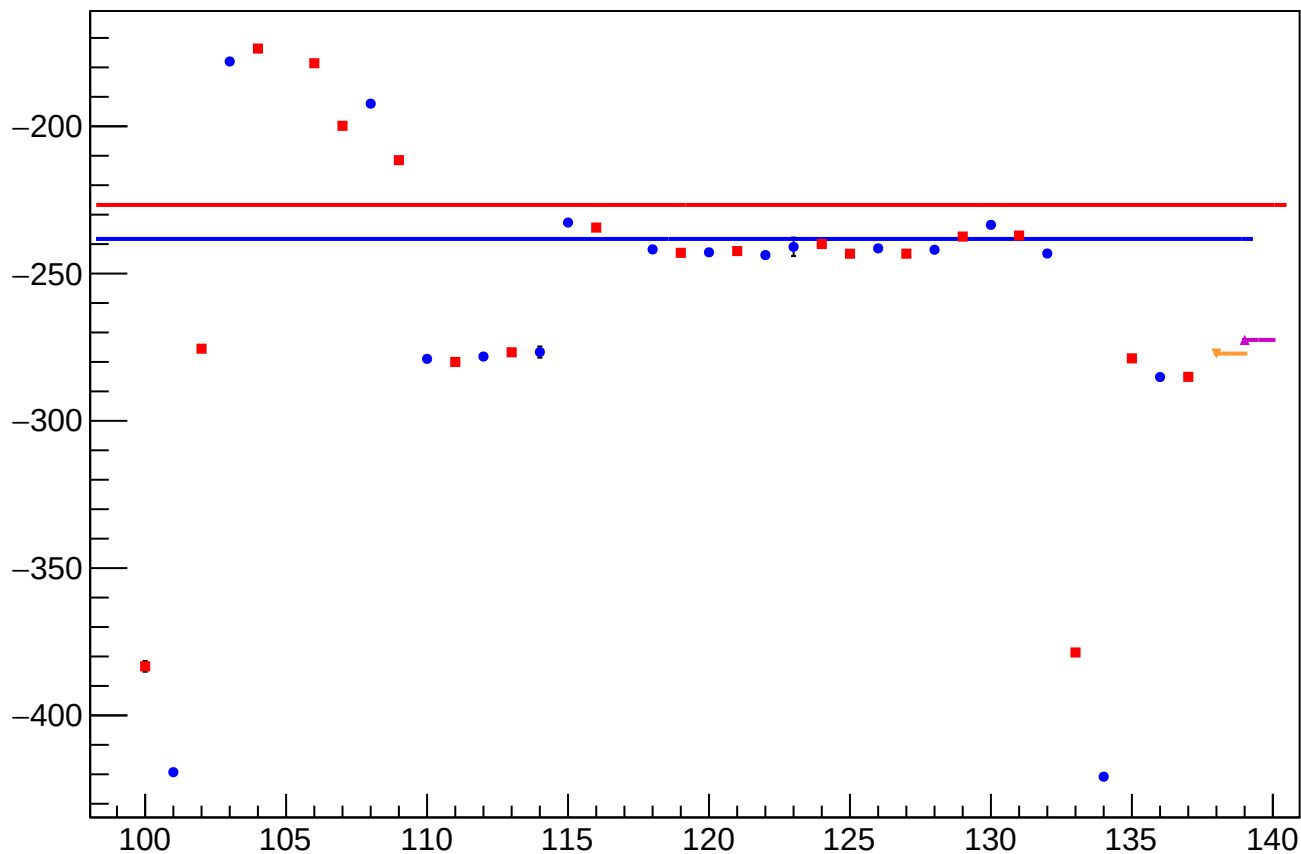
Right: 162.013 $\pm$ 2.207 χ^2 /NDF: 1364.6/35

In: 172.523 $\pm$ 3.143 χ^2 /NDF:659.4/17

Out: 153.735 $\pm$ 2.922 χ^2 /NDF:712.5/19

All: 162.445 $\pm$ 2.140 χ^2 /NDF: 1391.1/37

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: -272.527+/-0.359 χ^2/NDF : 0.0/0

Left: -274.625+/-0.266 χ^2/NDF : 75.2/1

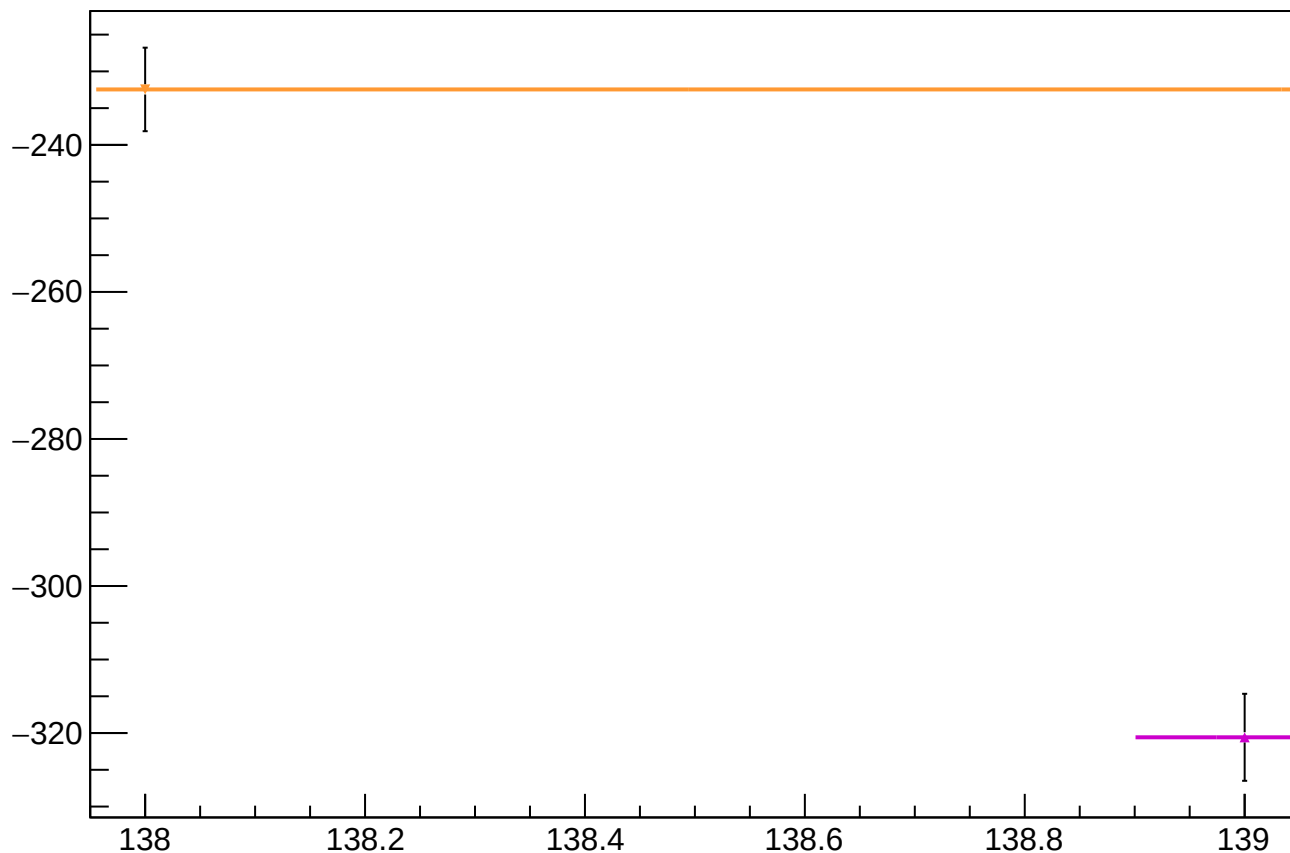
Right: -232.150+/-0.110 χ^2/NDF : 272709.4/35

In: -243.912+/-0.146 χ^2/NDF : 174717.3/17

Out: -233.137+/-0.141 χ^2/NDF : 117043.6/19

All: -238.338+/-0.102 χ^2/NDF : 294574.0/37

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: -320.579+/-5.916 χ^2/NDF : 0.0/0

Left: -274.726+/-4.098 χ^2/NDF : 115.4/1

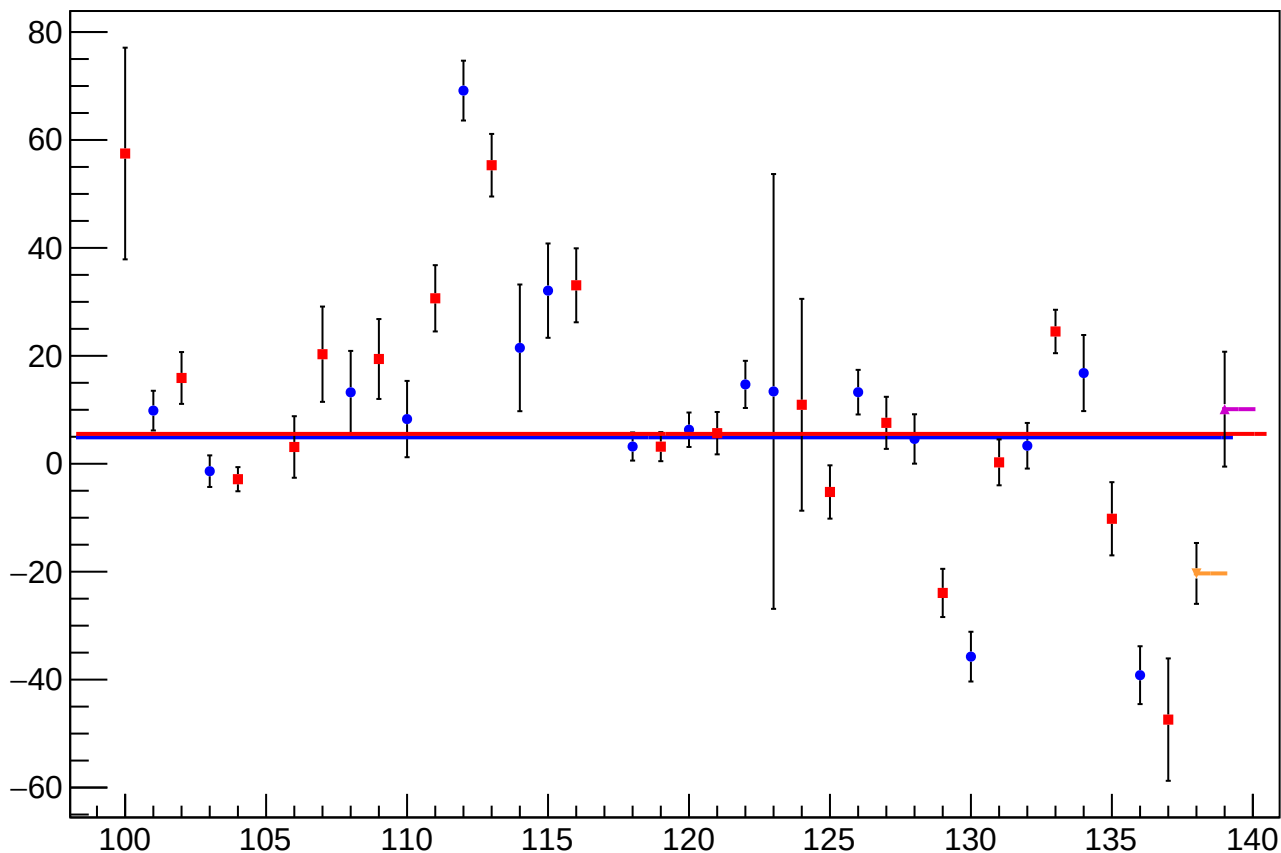
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -320.579+/-5.916 χ^2/NDF : 0.0/0

Out: -232.456+/-5.680 χ^2/NDF : 0.0/0

All: -274.726+/-4.098 χ^2/NDF : 115.4/1

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: 10.116 ± 10.644 χ^2/NDF : 0.0/0

Left: -13.645 ± 4.985 χ^2/NDF : 6.4/1

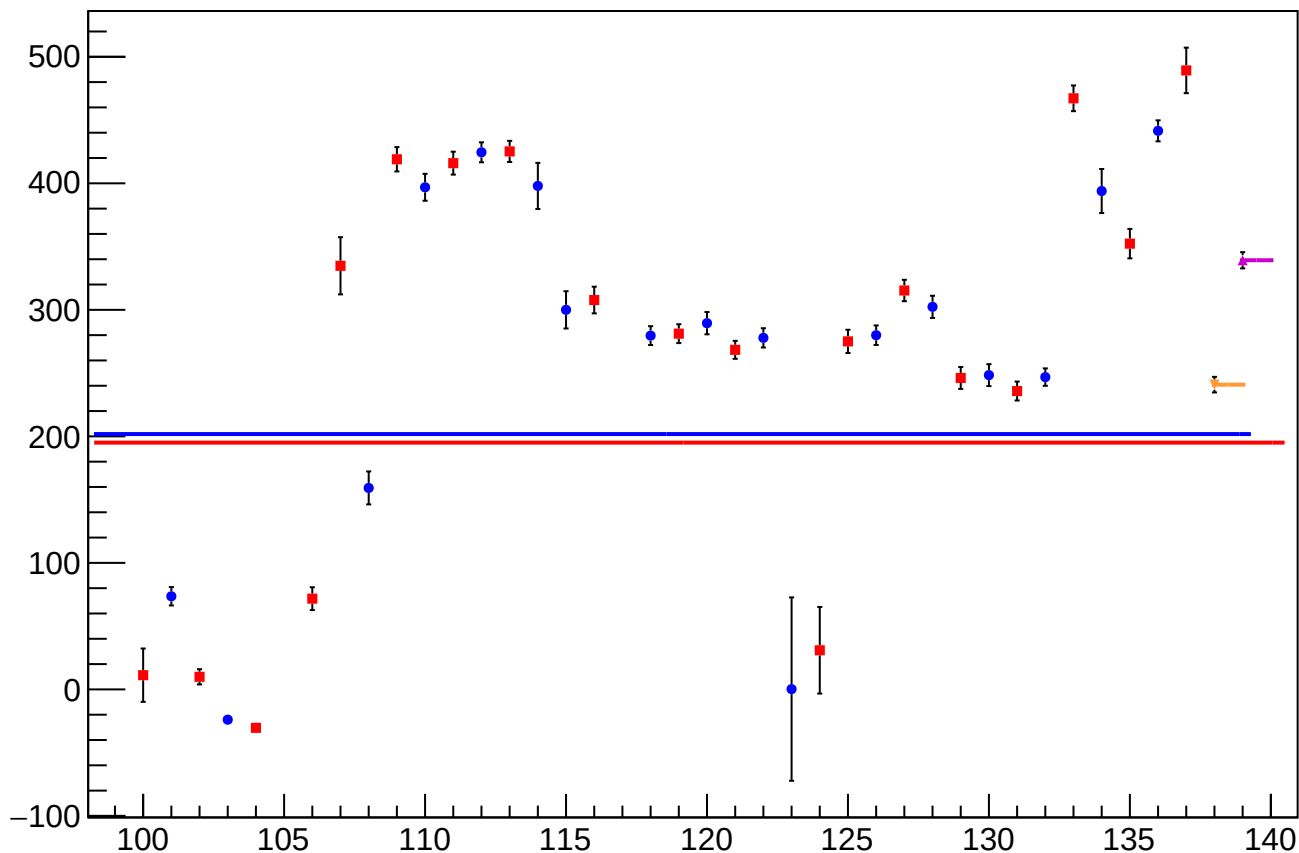
Right: 5.220 ± 0.764 χ^2/NDF : 551.3/35

In: 4.950 ± 1.083 χ^2/NDF : 312.2/17

Out: 4.634 ± 1.052 χ^2/NDF : 259.4/19

All: 4.788 ± 0.755 χ^2/NDF : 571.6/37

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: 339.193 $\pm$ 6.408 χ^2 /NDF:0.0/0

Left: 288.080 $\pm$ 4.440 χ^2 /NDF: 122.4/1

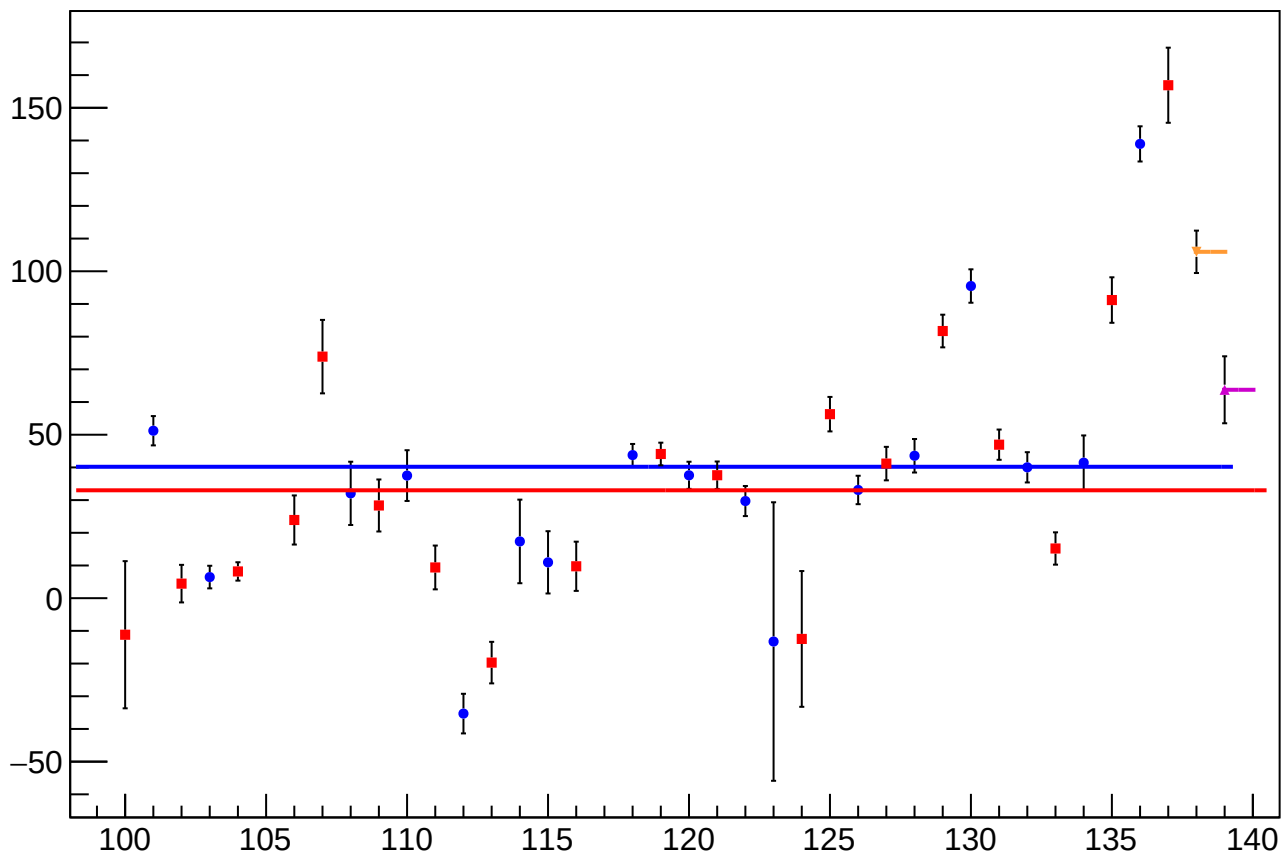
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 213.676 $\pm$ 1.883 χ^2 /NDF:7174.2/17

Out: 199.130 $\pm$ 1.837 χ^2 /NDF:8307.5/19

All: 206.221 $\pm$ 1.315 χ^2 /NDF: 15512.3/37

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 105.948 $\pm$ 6.484 χ^2 /NDF:0.0/0

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

Left In: 63.747 $\pm$ 10.245 χ^2 /NDF:0.0/0

Left: 93.878 $\pm$ 5.479 χ^2 /NDF: 12.1/1

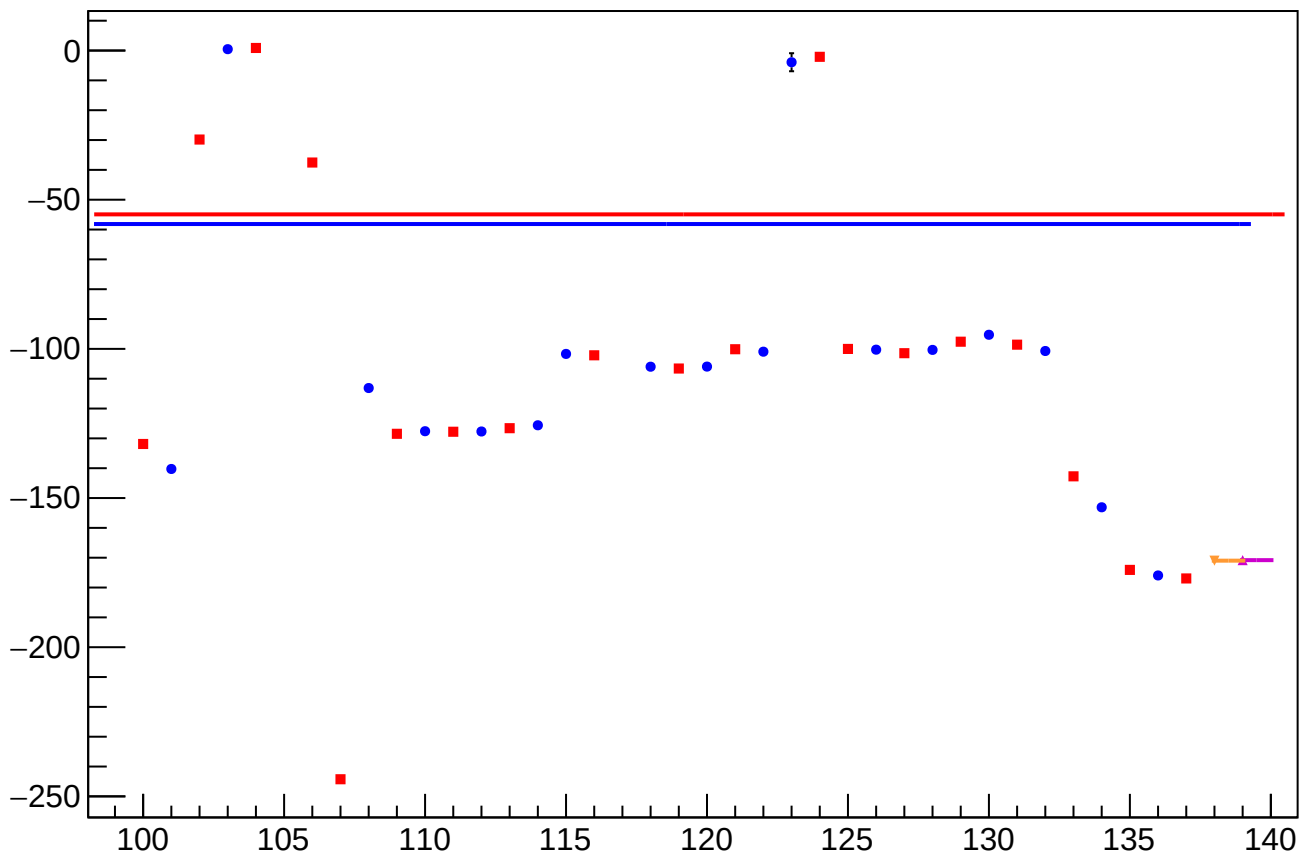
Right: 36.555 $\pm$ 0.891 χ^2 /NDF: 1305.3/35

In: 40.551 $\pm$ 1.258 χ^2 /NDF:740.2/17

Out: 35.623 $\pm$ 1.230 χ^2 /NDF:676.1/19

All: 38.032 $\pm$ 0.879 χ^2 /NDF: 1424.1/37

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -170.990 ± 0.244 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

Left In: -170.817 ± 0.225 $\chi^2/\text{NDF}: 0.0/0$

Left: -170.897 ± 0.166 $\chi^2/\text{NDF}: 0.3/1$

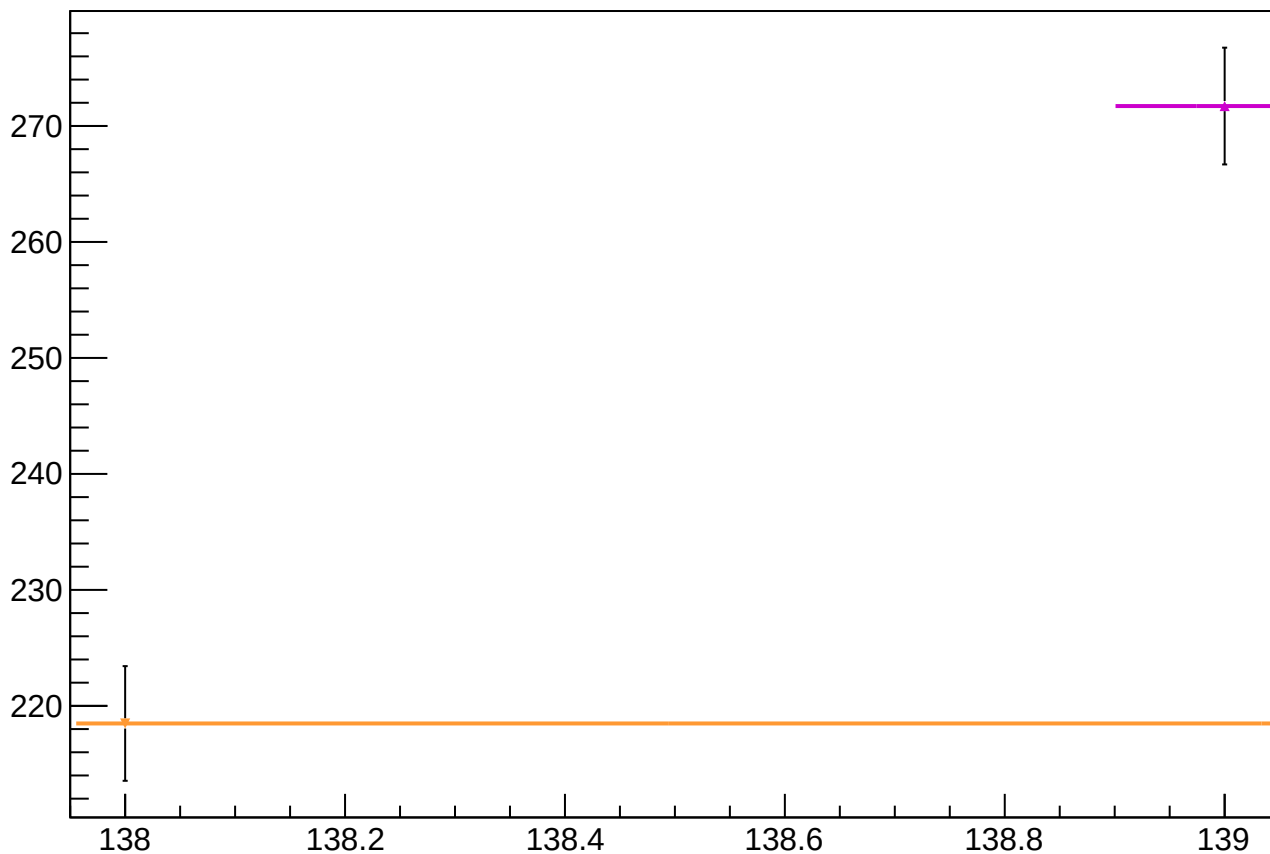
Right: -56.499 ± 0.043 $\chi^2/\text{NDF}: 2110811.0/35$

In: -65.984 ± 0.059 $\chi^2/\text{NDF}: 1338142.5/17$

Out: -61.572 ± 0.058 $\chi^2/\text{NDF}: 1216978.1/19$

All: -63.743 ± 0.042 $\chi^2/\text{NDF}: 2557923.0/37$

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: 271.718+/-5.034 χ^2/NDF : 0.0/0

Left: 244.619+/-3.527 χ^2/NDF : 56.9/1

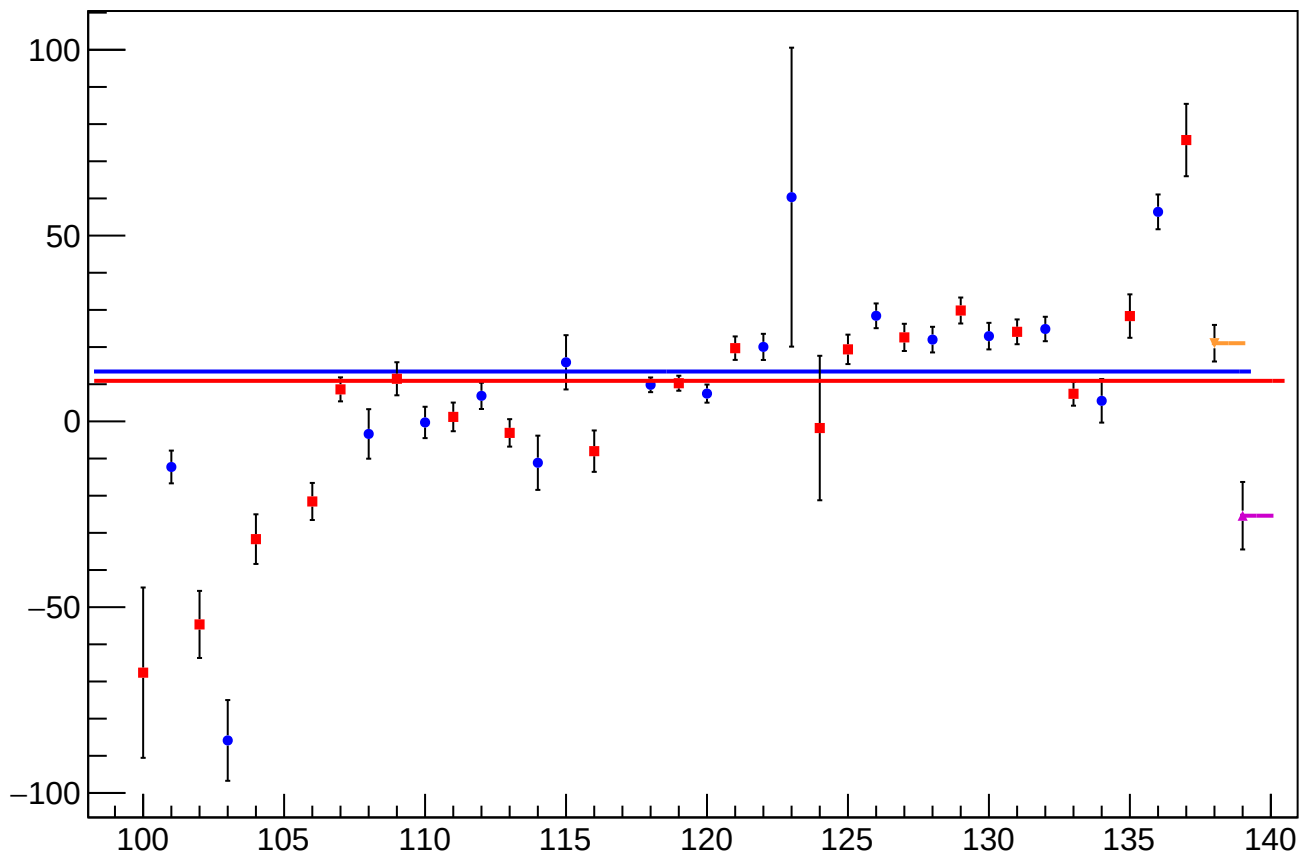
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.718+/-5.034 χ^2/NDF : 0.0/0

Out: 218.484+/-4.943 χ^2/NDF : 0.0/0

All: 244.619+/-3.527 χ^2/NDF : 56.9/1

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423 $\pm$ 0.920 χ^2 /NDF: 295.2/16

Left Out: 21.037 $\pm$ 4.923 χ^2 /NDF:0.0/0

Right Out: 10.908 $\pm$ 0.916 χ^2 /NDF: 302.6/18

Left In: -25.386 $\pm$ 9.084 χ^2 /NDF:0.0/0

Left: 10.497 $\pm$ 4.328 χ^2 /NDF: 20.2/1

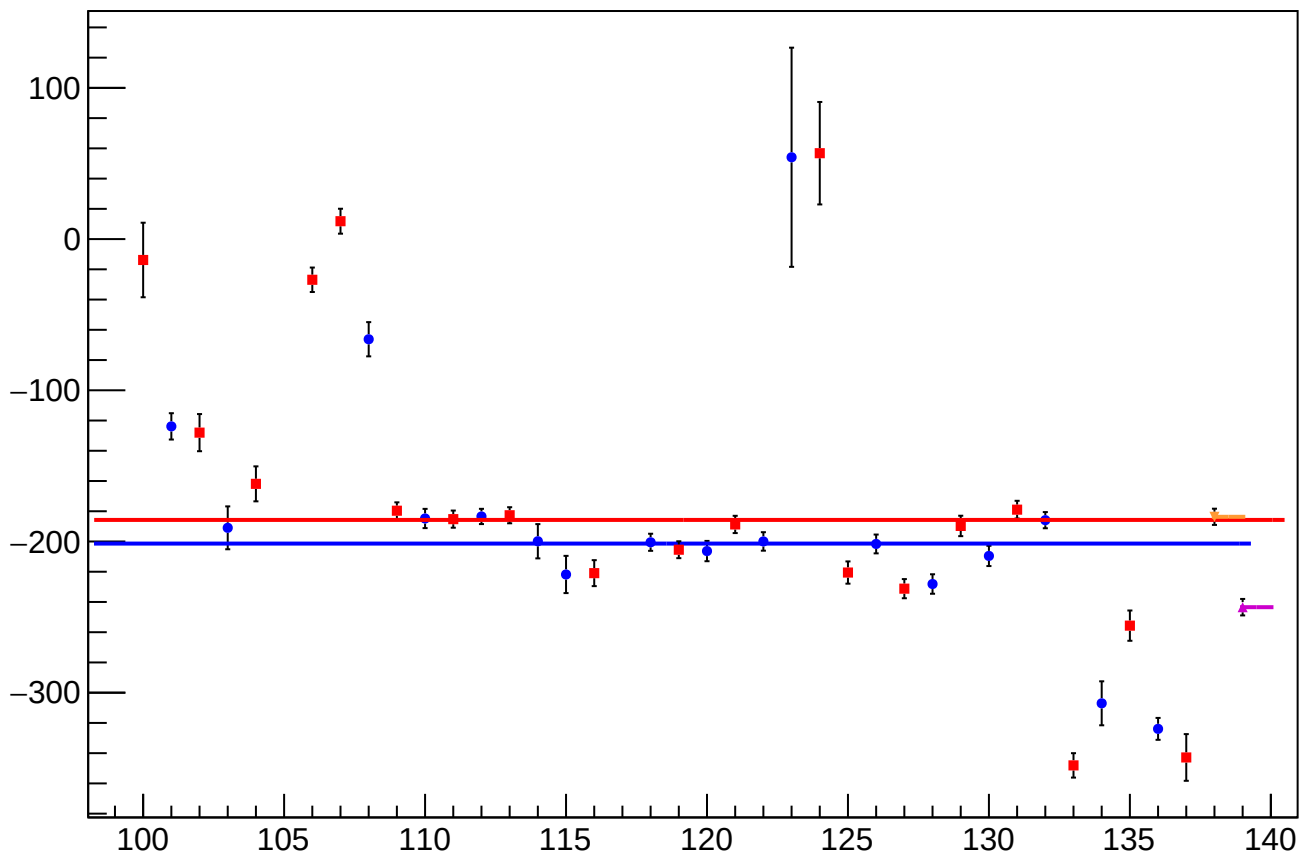
Right: 12.160 $\pm$ 0.649 χ^2 /NDF: 601.6/35

In: 13.029 $\pm$ 0.915 χ^2 /NDF:313.3/17

Out: 11.247 $\pm$ 0.901 χ^2 /NDF:306.7/19

All: 12.124 $\pm$ 0.642 χ^2 /NDF: 621.9/37

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: -243.446 ± 5.449 χ^2/NDF : 0.0/0

Left: -213.065 ± 3.821 χ^2/NDF : 61.2/1

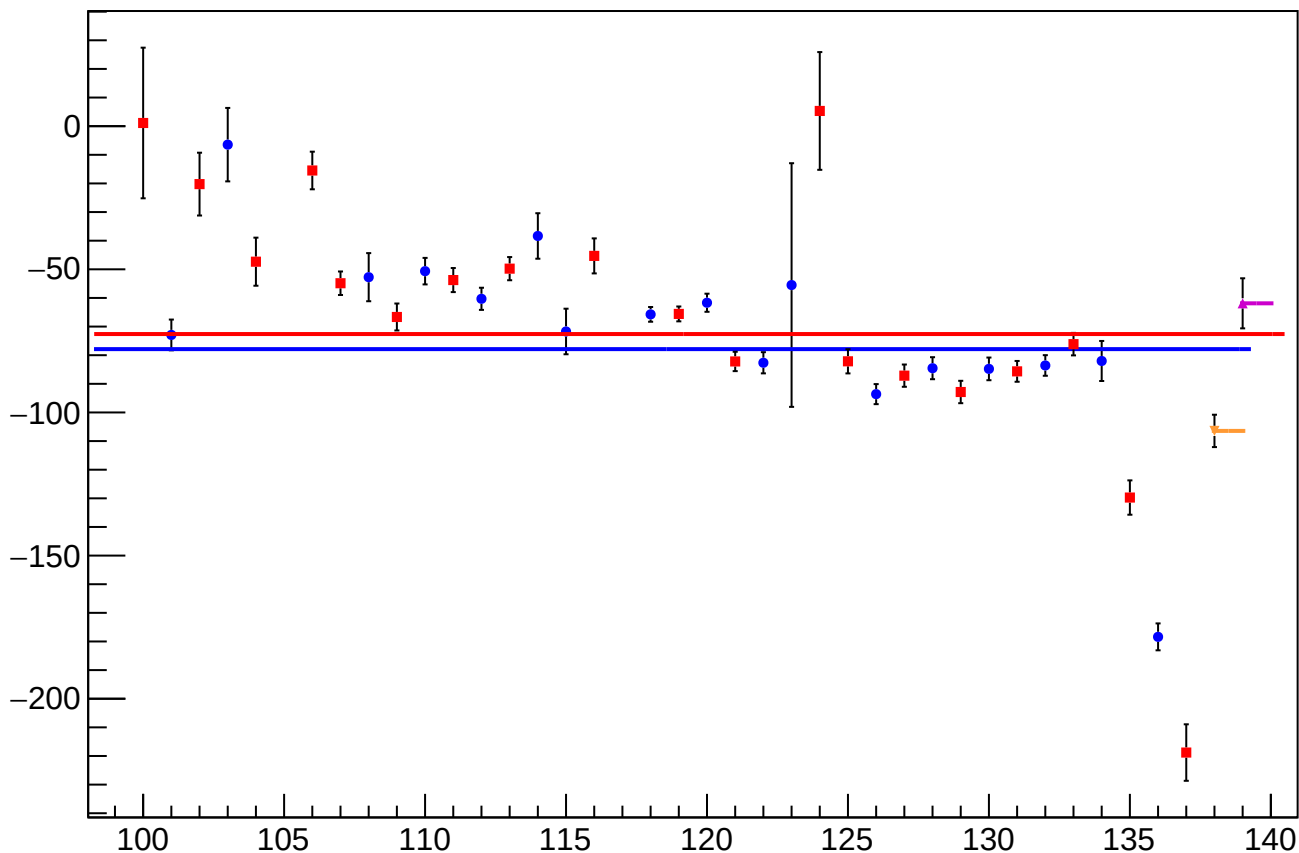
Right: -193.204 ± 1.229 χ^2/NDF : 2413.2/35

In: -205.437 ± 1.692 χ^2/NDF : 677.3/17

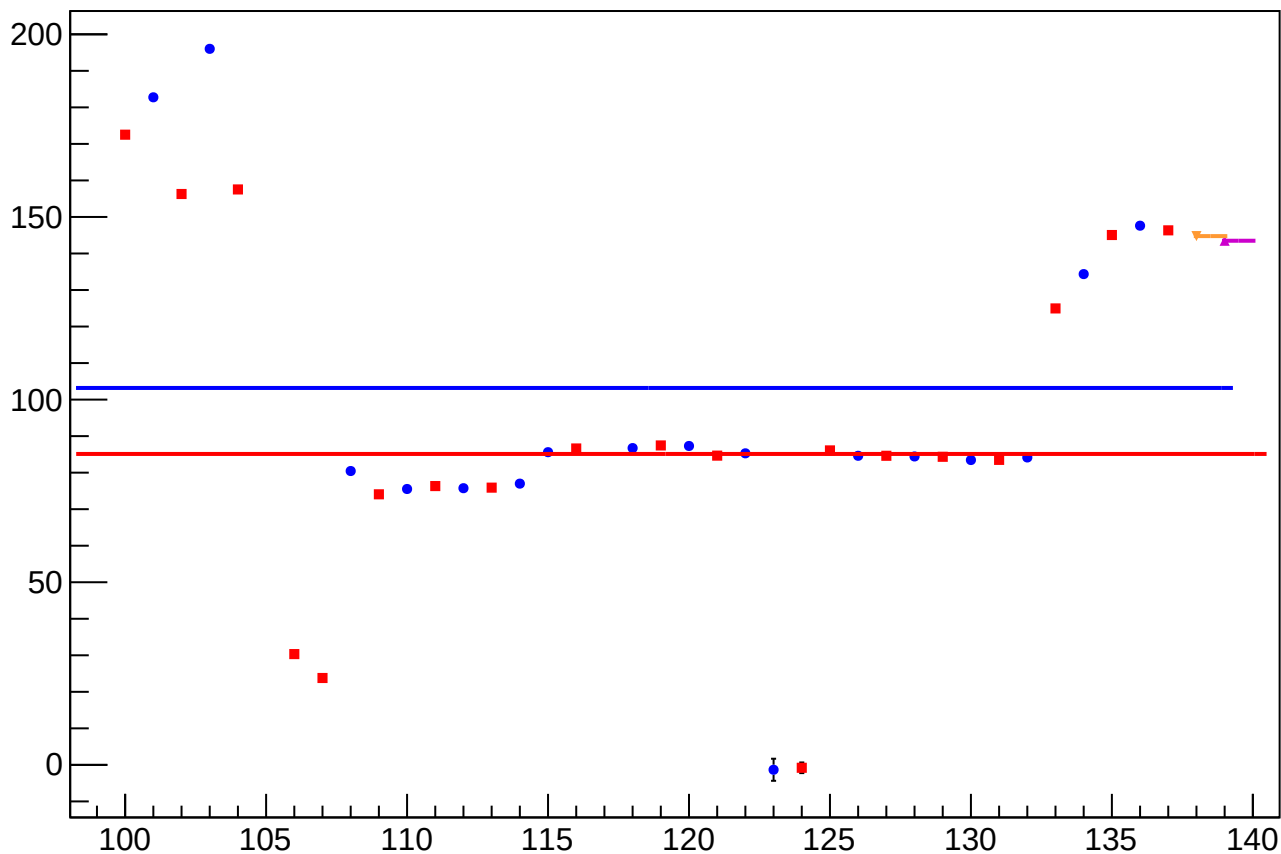
Out: -185.550 ± 1.620 χ^2/NDF : 1749.4/19

All: -195.067 ± 1.170 χ^2/NDF : 2498.8/37

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 143.488 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Left: 144.061 $\pm$ 0.143 χ^2 /NDF: 19.7/1

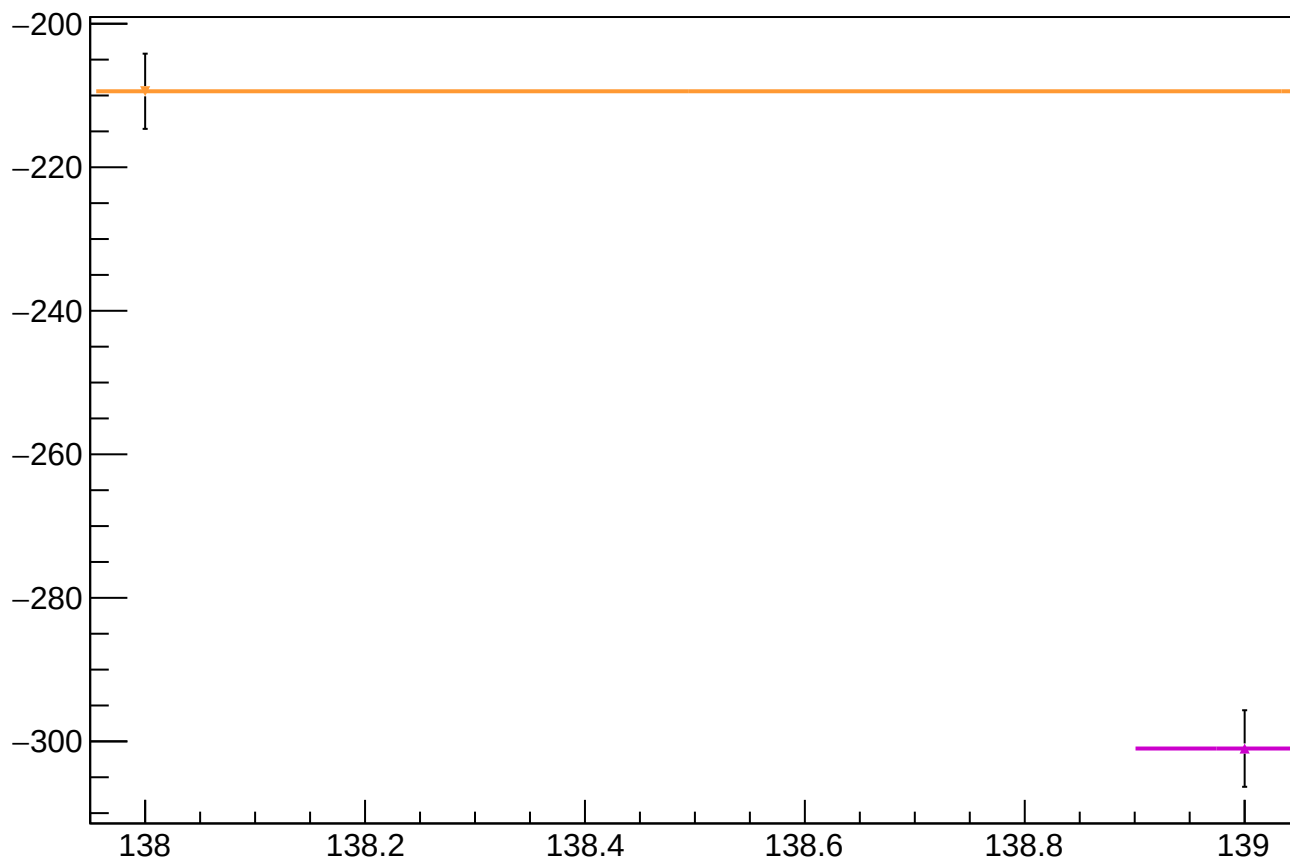
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733347.5/35

In: 107.943 $\pm$ 0.066 χ^2 /NDF: 312324.8/17

Out: 90.051 $\pm$ 0.061 χ^2 /NDF: 495918.9/19

All: 98.291 $\pm$ 0.045 χ^2 /NDF: 847823.5/37

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: -300.996+/-5.334 χ^2/NDF : 0.0/0

Left: -254.384+/-3.738 χ^2/NDF : 150.1/1

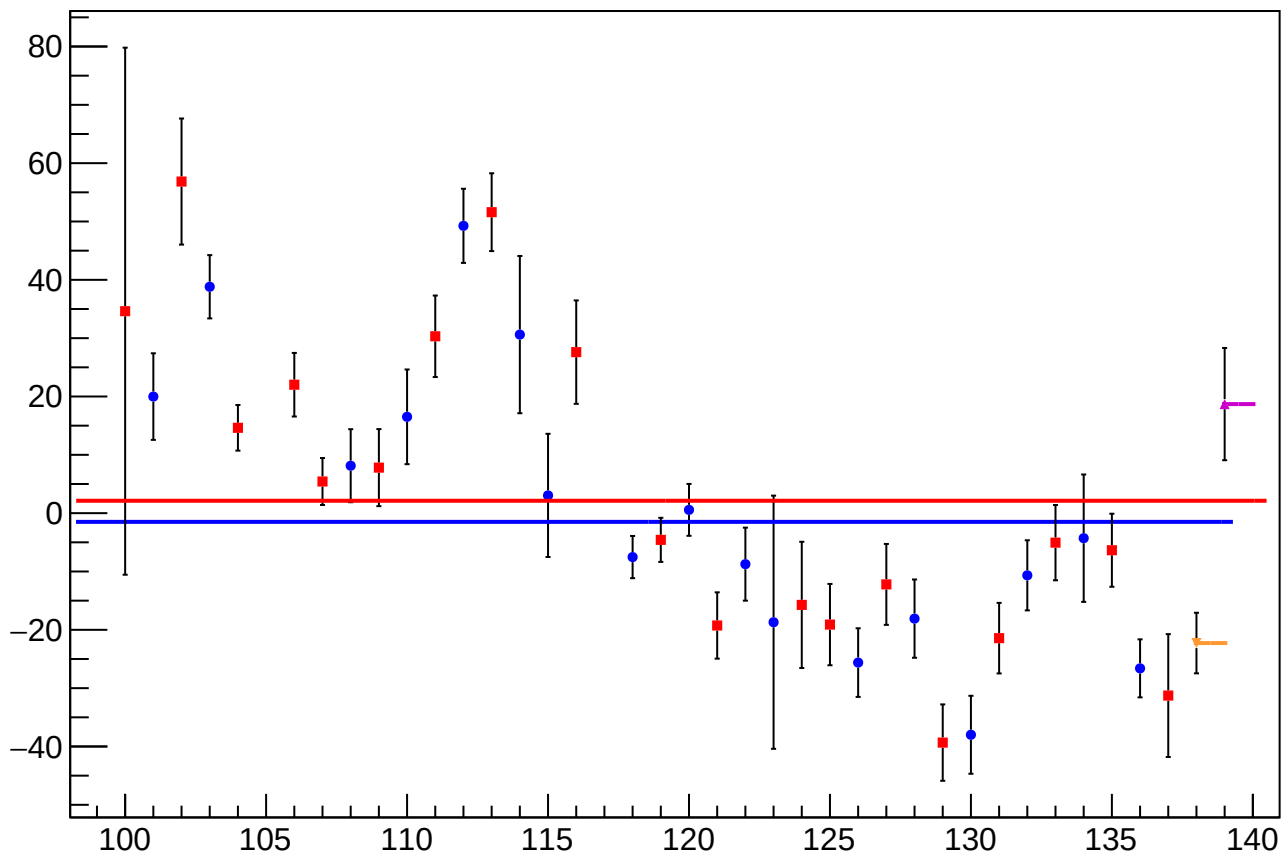
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -300.996+/-5.334 χ^2/NDF : 0.0/0

Out: -209.411+/-5.239 χ^2/NDF : 0.0/0

All: -254.384+/-3.738 χ^2/NDF : 150.1/1

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: 18.698 ± 9.622 χ^2/NDF : 0.0/0

Left: -13.021 ± 4.571 χ^2/NDF : 14.0/1

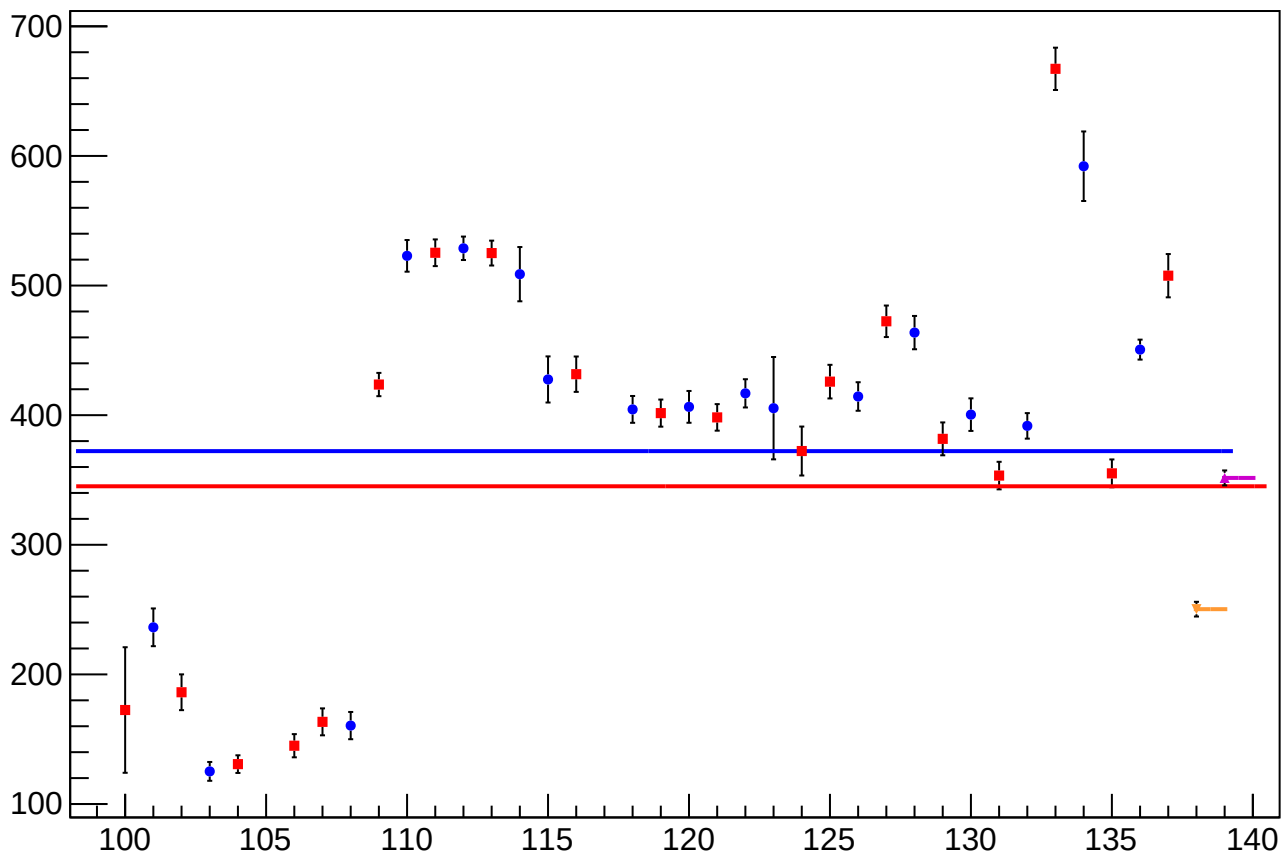
Right: 0.455 ± 1.029 χ^2/NDF : 461.8/35

In: -1.005 ± 1.495 χ^2/NDF : 230.4/17

Out: 0.470 ± 1.354 χ^2/NDF : 253.2/19

All: -0.195 ± 1.004 χ^2/NDF : 484.1/37

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: 351.585+/-5.774 χ^2/NDF : 0.0/0

Left: 300.119+/-4.049 χ^2/NDF : 156.3/1

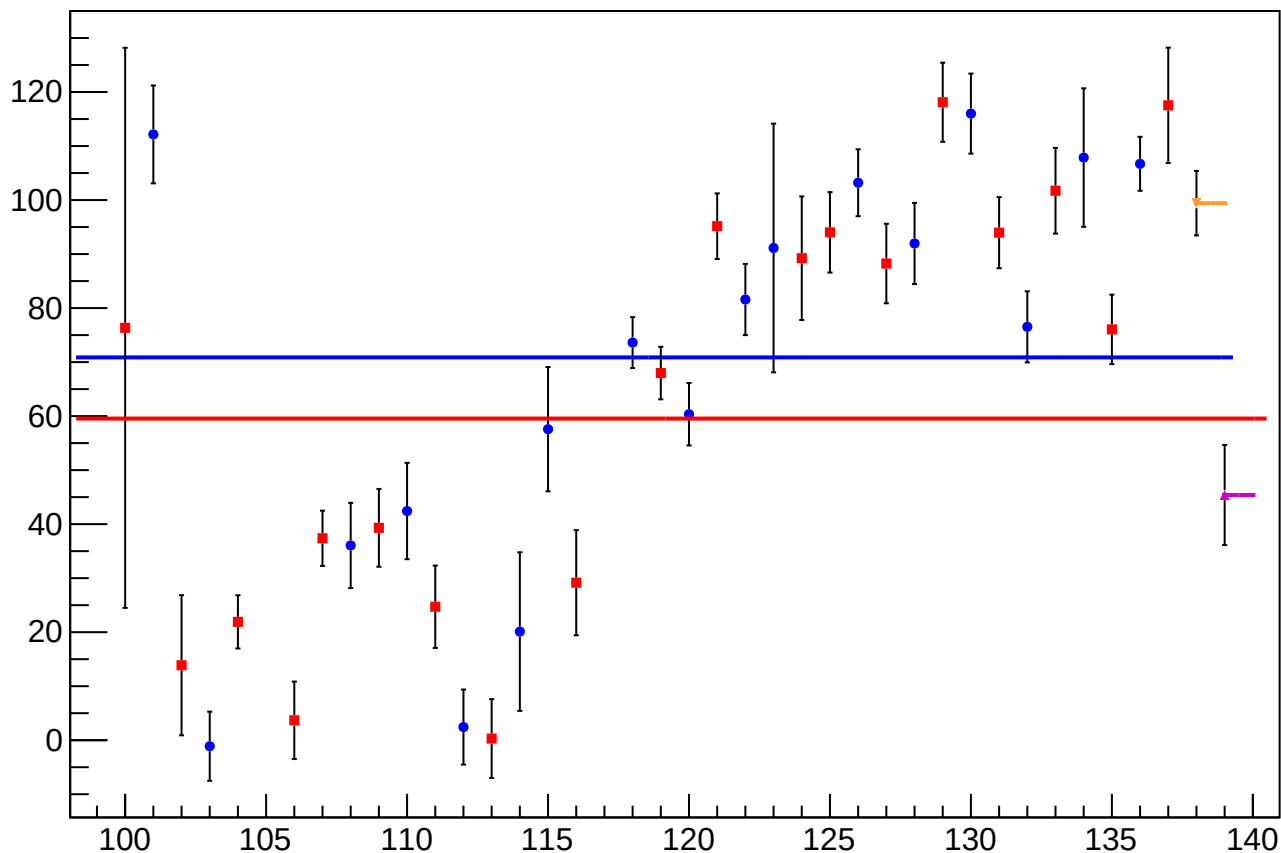
Right: 357.695+/-1.878 χ^2/NDF : 5901.5/35

In: 368.418+/-2.490 χ^2/NDF : 2443.6/17

Out: 329.103+/-2.335 χ^2/NDF : 3648.0/19

All: 347.505+/-1.703 χ^2/NDF : 6224.2/37

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: 45.396 $\pm$ 9.263 χ^2 /NDF:0.0/0

Left: 83.557 $\pm$ 5.020 χ^2 /NDF: 24.0/1

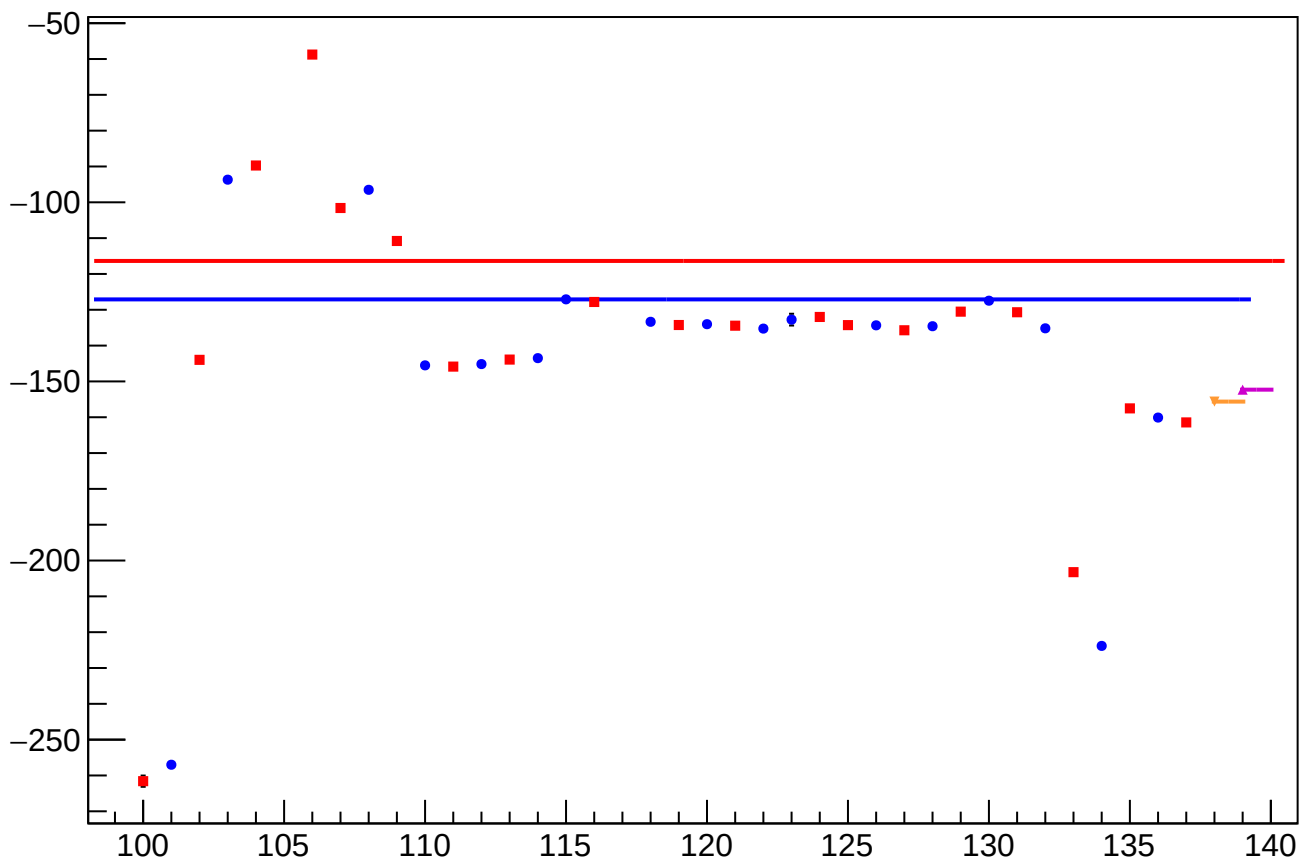
Right: 64.838 $\pm$ 1.192 χ^2 /NDF: 940.3/35

In: 69.996 $\pm$ 1.713 χ^2 /NDF:434.3/17

Out: 62.320 $\pm$ 1.575 χ^2 /NDF:532.3/19

All: 65.837 $\pm$ 1.159 χ^2 /NDF: 977.5/37

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: -152.302+/-0.204 χ^2/NDF : 0.0/0

Left: -153.799+/-0.151 χ^2/NDF : 120.2/1

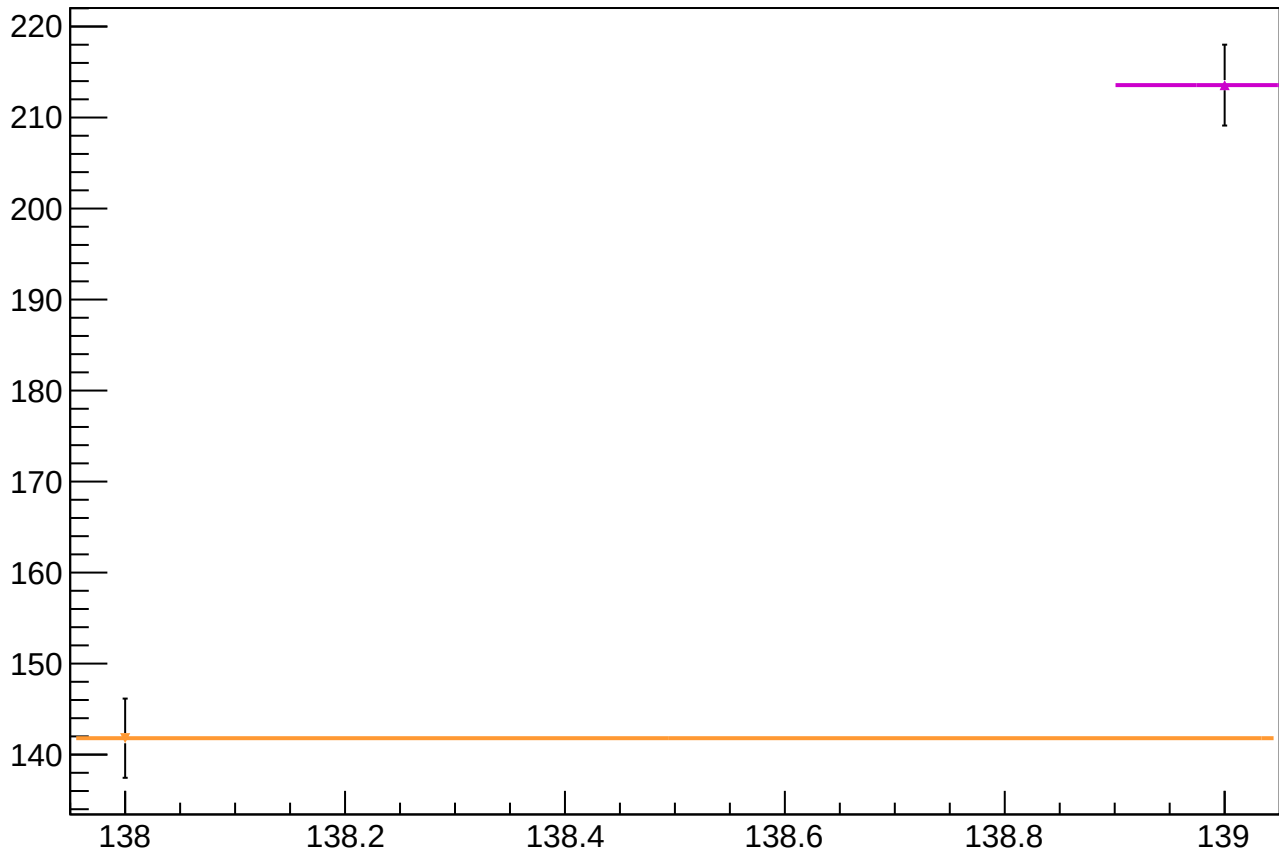
Right: -121.332+/-0.061 χ^2/NDF : 342408.2/35

In: -131.179+/-0.082 χ^2/NDF : 179899.2/17

Out: -121.048+/-0.078 χ^2/NDF : 194314.9/19

All: -125.856+/-0.056 χ^2/NDF : 382255.4/37

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: 213.562+/-4.443 χ^2/NDF : 0.0/0

Left: 176.934+/-3.109 χ^2/NDF : 133.1/1

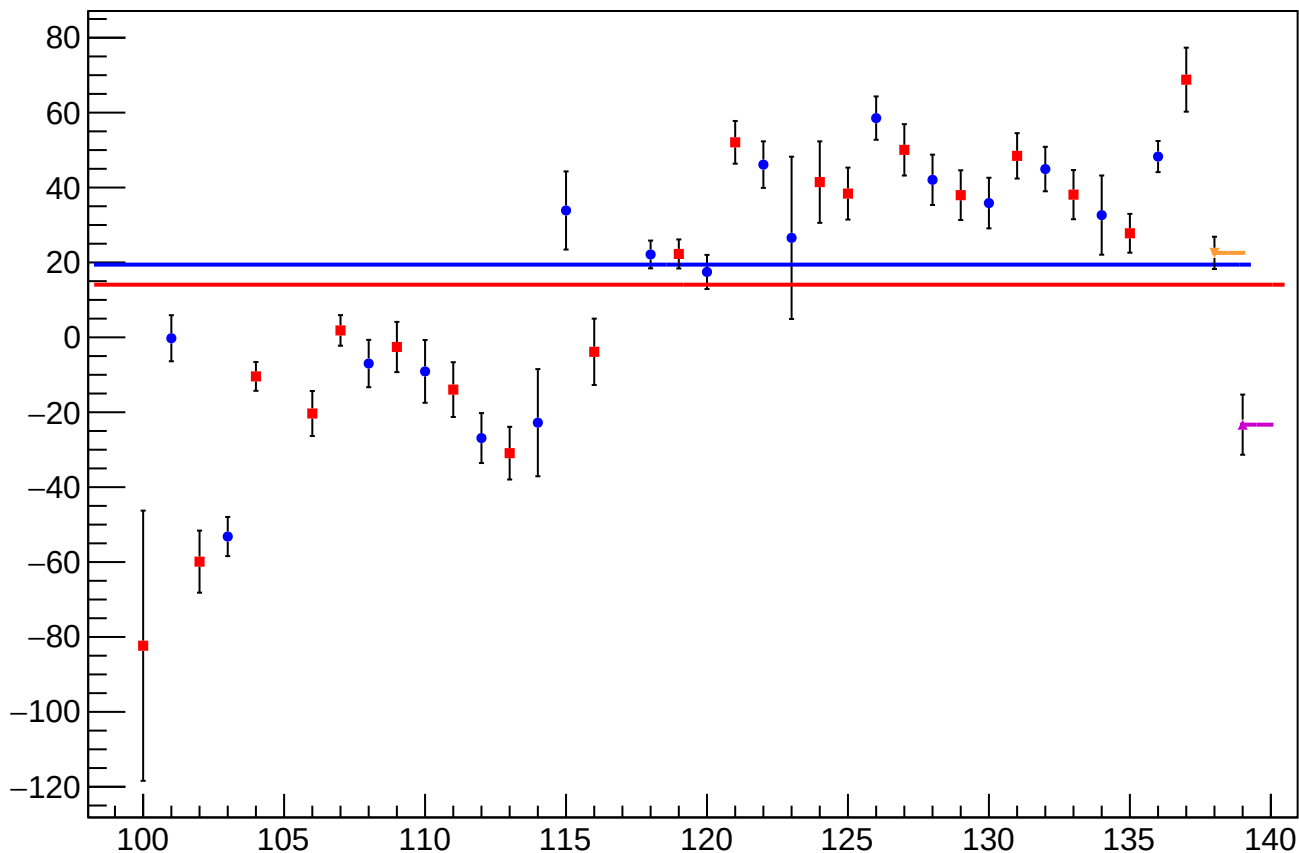
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.562+/-4.443 χ^2/NDF : 0.0/0

Out: 141.803+/-4.352 χ^2/NDF : 0.0/0

All: 176.934+/-3.109 χ^2/NDF : 133.1/1

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416 $\pm$ 1.480 χ^2 /NDF: 441.1/16

Left Out: 22.557 $\pm$ 4.306 χ^2 /NDF:0.0/0

Right Out: 14.055 $\pm$ 1.392 χ^2 /NDF: 436.5/18

Left In: -23.313 $\pm$ 8.033 χ^2 /NDF:0.0/0

Left: 12.319 $\pm$ 3.795 χ^2 /NDF: 25.3/1

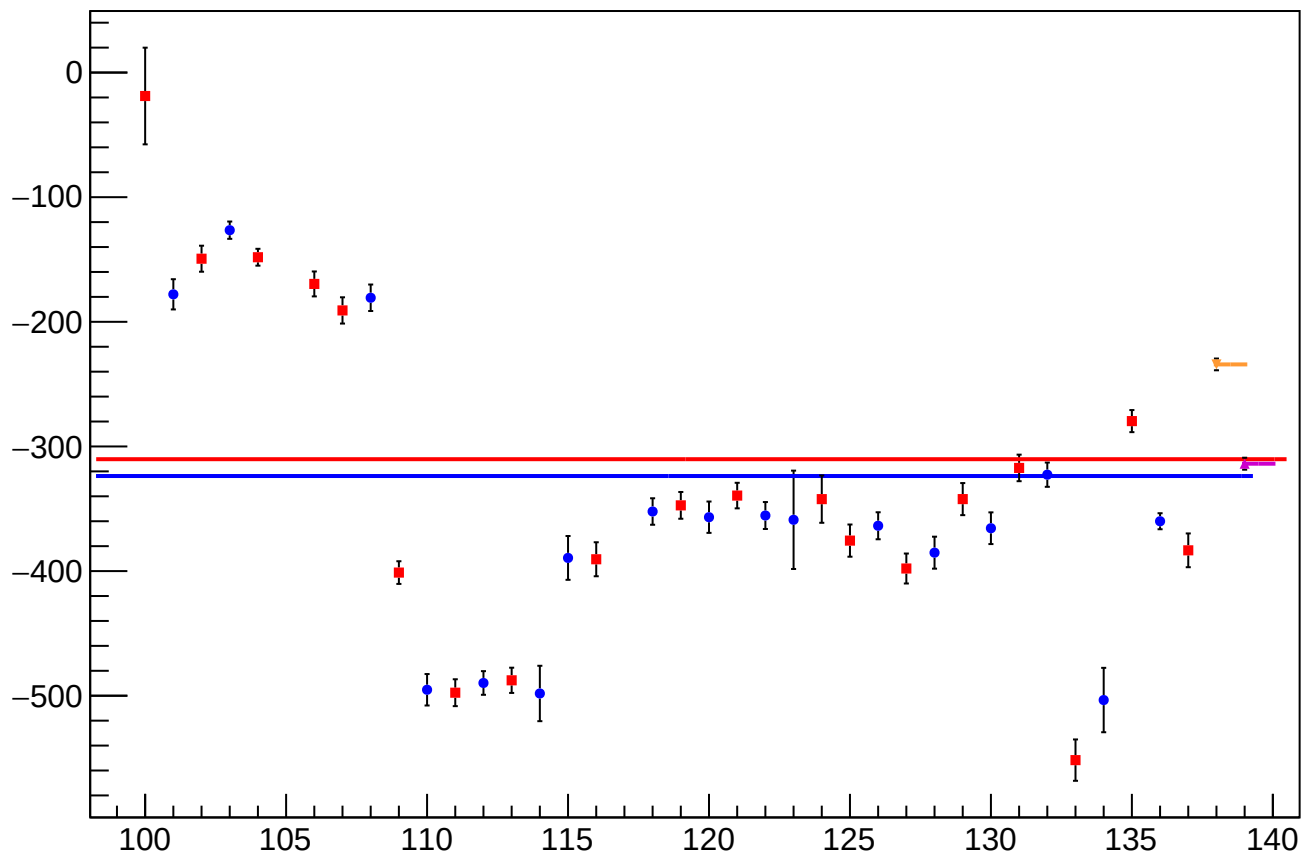
Right: 16.572 $\pm$ 1.014 χ^2 /NDF: 884.6/35

In: 18.014 $\pm$ 1.455 χ^2 /NDF:468.4/17

Out: 14.860 $\pm$ 1.325 χ^2 /NDF:440.1/19

All: 16.289 $\pm$ 0.980 χ^2 /NDF: 911.1/37

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: -313.839 ± 4.808 χ^2/NDF : 0.0/0

Left: -273.247 ± 3.367 χ^2/NDF : 139.9/1

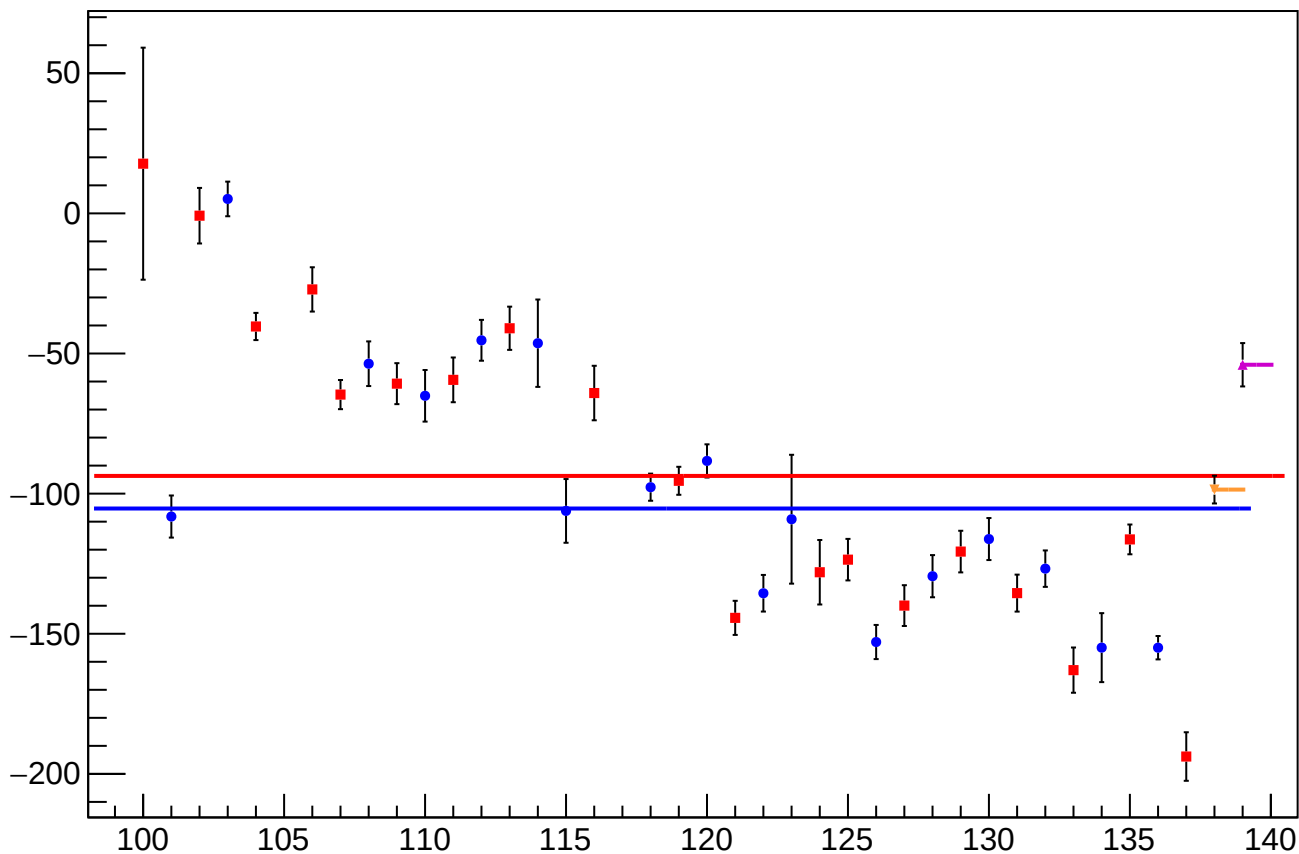
Right: -316.595 ± 1.833 χ^2/NDF : 4164.2/35

In: -321.395 ± 2.333 χ^2/NDF : 1854.0/17

Out: -293.310 ± 2.225 χ^2/NDF : 2502.1/19

All: -306.686 ± 1.610 χ^2/NDF : 4431.9/37

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: -54.015 ± 7.735 χ^2/NDF : 0.0/0

Left: -85.611 ± 4.170 χ^2/NDF : 23.5/1

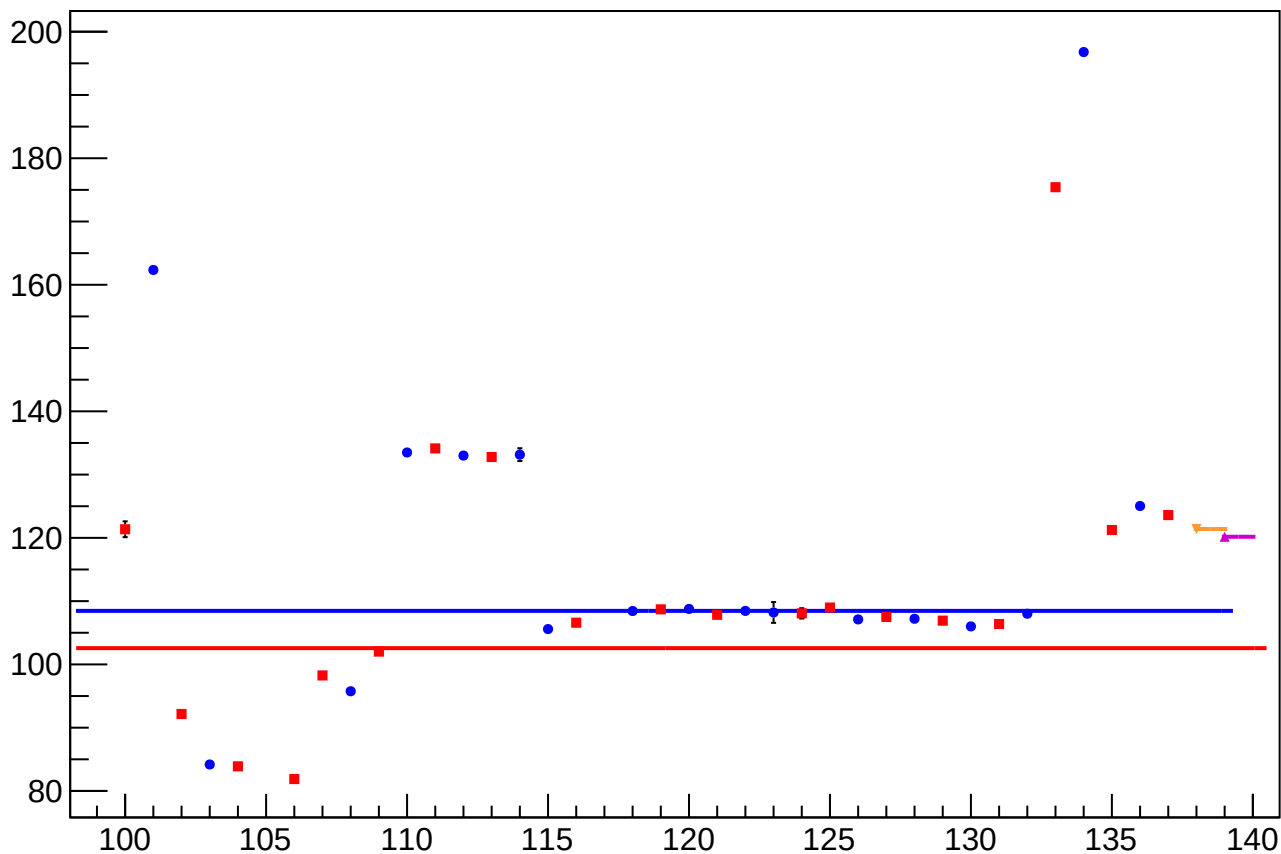
Right: -99.207 ± 1.167 χ^2/NDF : 1588.8/35

In: -102.963 ± 1.654 χ^2/NDF : 779.5/17

Out: -94.147 ± 1.532 χ^2/NDF : 827.4/19

All: -98.219 ± 1.124 χ^2/NDF : 1622.1/37

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: 120.176+/-0.170 χ^2/NDF : 0.0/0

Left: 120.729+/-0.126 χ^2/NDF : 23.5/1

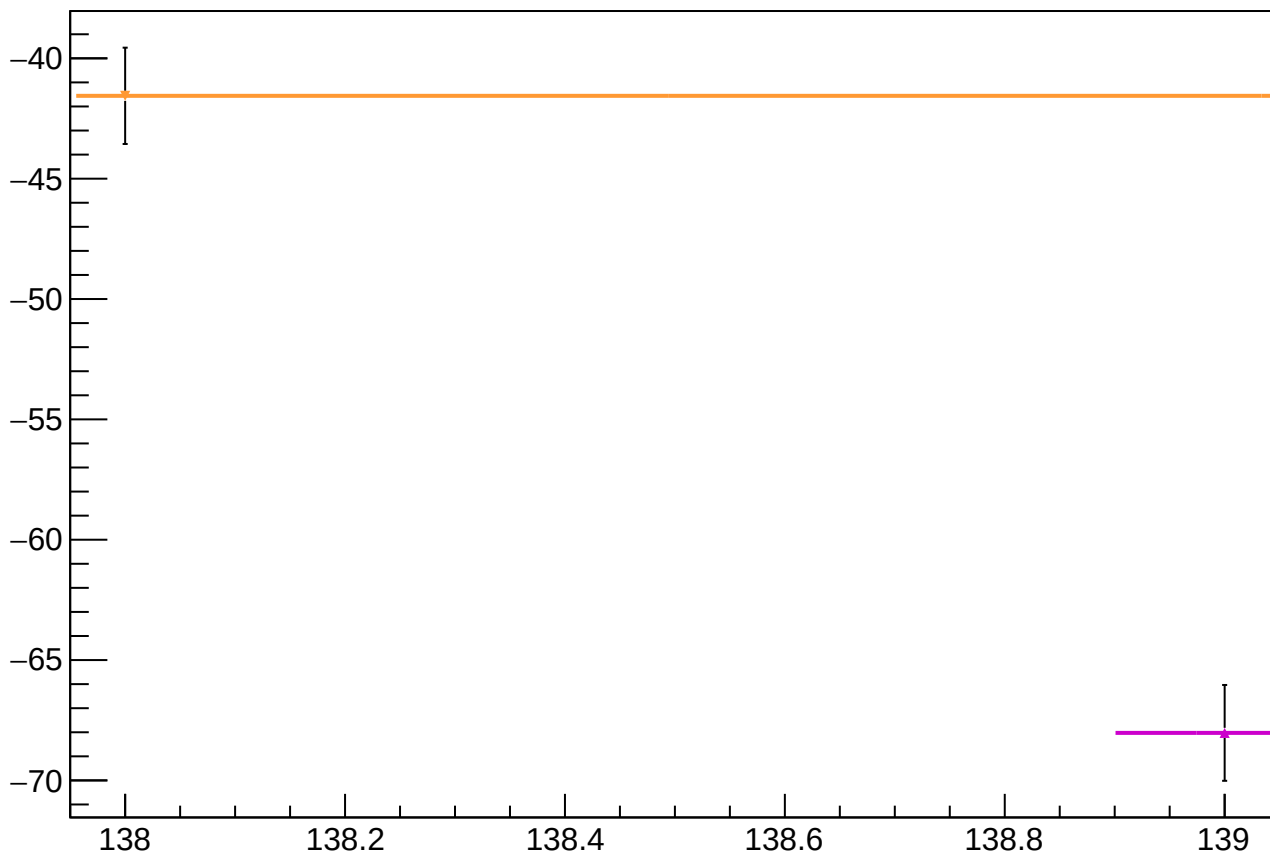
Right: 105.327+/-0.058 χ^2/NDF : 129018.0/35

In: 110.791+/-0.076 χ^2/NDF : 77105.8/17

Out: 105.441+/-0.073 χ^2/NDF : 61706.6/19

All: 108.020+/-0.053 χ^2/NDF : 141391.0/37

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: -68.026+/-1.991 χ^2/NDF : 0.0/0

Left: -54.859+/-1.411 χ^2/NDF : 87.9/1

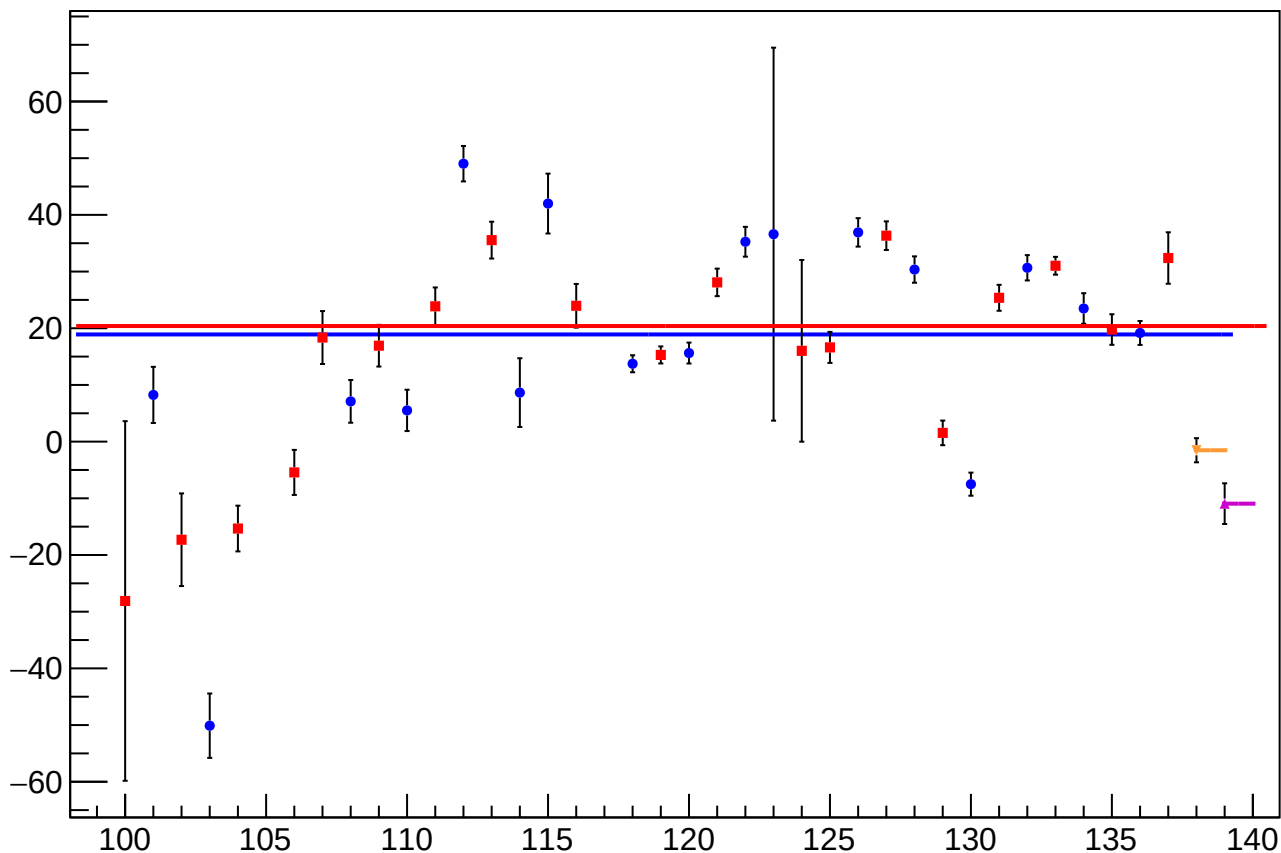
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.026+/-1.991 χ^2/NDF : 0.0/0

Out: -41.558+/-2.001 χ^2/NDF : 0.0/0

All: -54.859+/-1.411 χ^2/NDF : 87.9/1

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: -10.944 $\pm$ 3.588 χ^2 /NDF:0.0/0

Left: -3.977 $\pm$ 1.831 χ^2 /NDF: 5.1/1

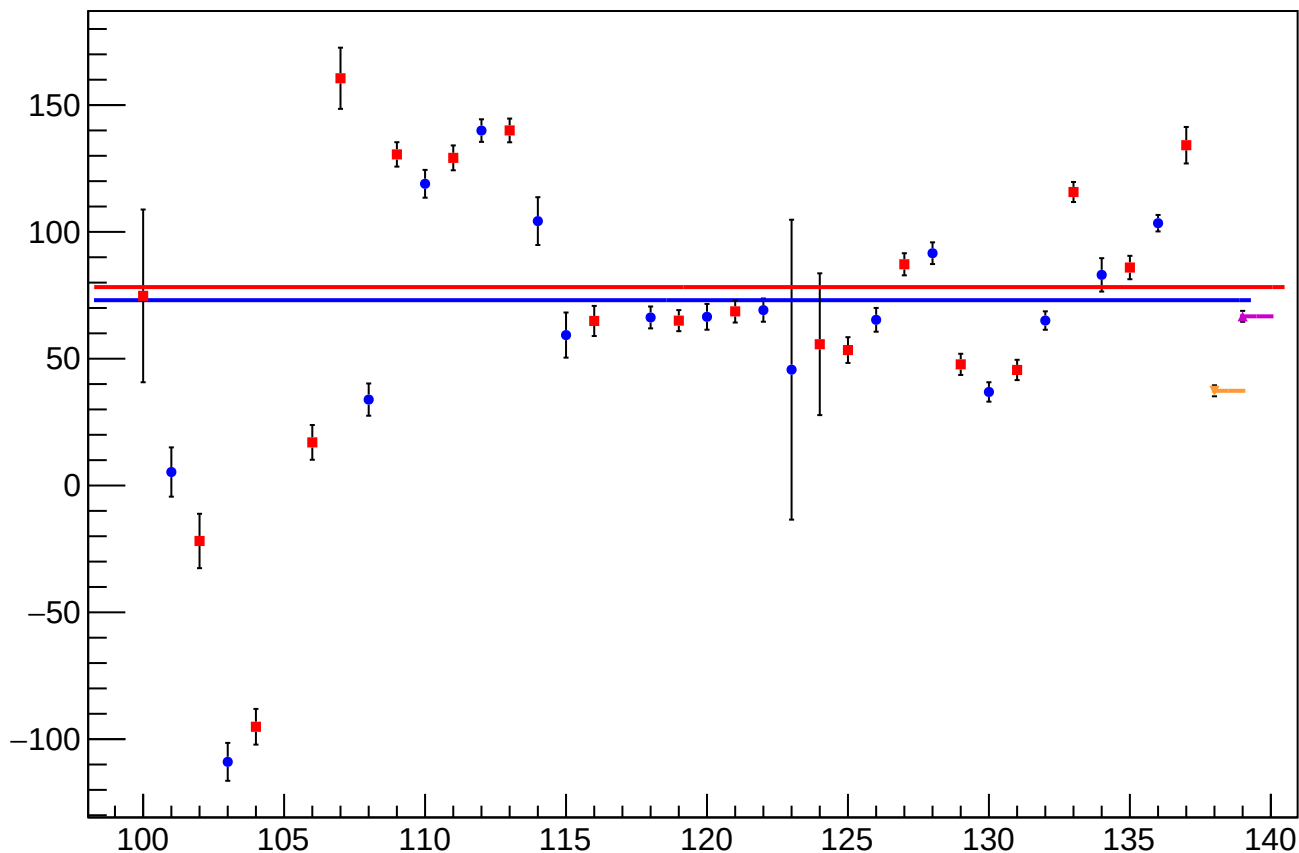
Right: 19.648 $\pm$ 0.455 χ^2 /NDF: 986.9/35

In: 17.976 $\pm$ 0.633 χ^2 /NDF:686.0/17

Out: 18.556 $\pm$ 0.616 χ^2 /NDF:462.2/19

All: 18.274 $\pm$ 0.442 χ^2 /NDF: 1148.7/37

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: 66.706 ± 2.155 χ^2/NDF : 0.0/0

Left: 52.130 ± 1.529 χ^2/NDF : 92.1/1

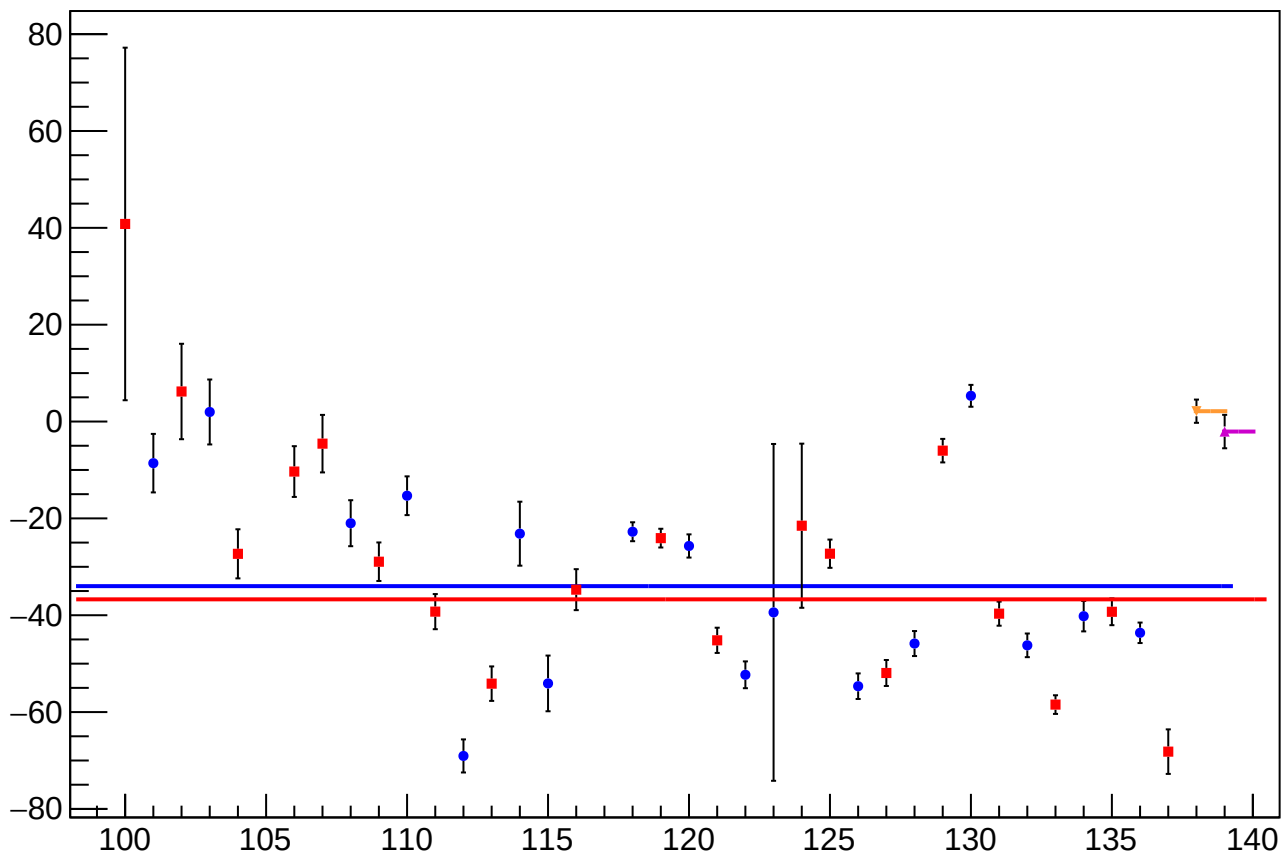
Right: 75.667 ± 0.866 χ^2/NDF : 2751.5/35

In: 71.511 ± 1.067 χ^2/NDF : 1206.6/17

Out: 68.390 ± 1.065 χ^2/NDF : 1812.2/19

All: 69.948 ± 0.754 χ^2/NDF : 3023.0/37

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: -2.069 ± 3.454 χ^2/NDF : 0.0/0

Left: 0.765 ± 1.972 χ^2/NDF : 1.0/1

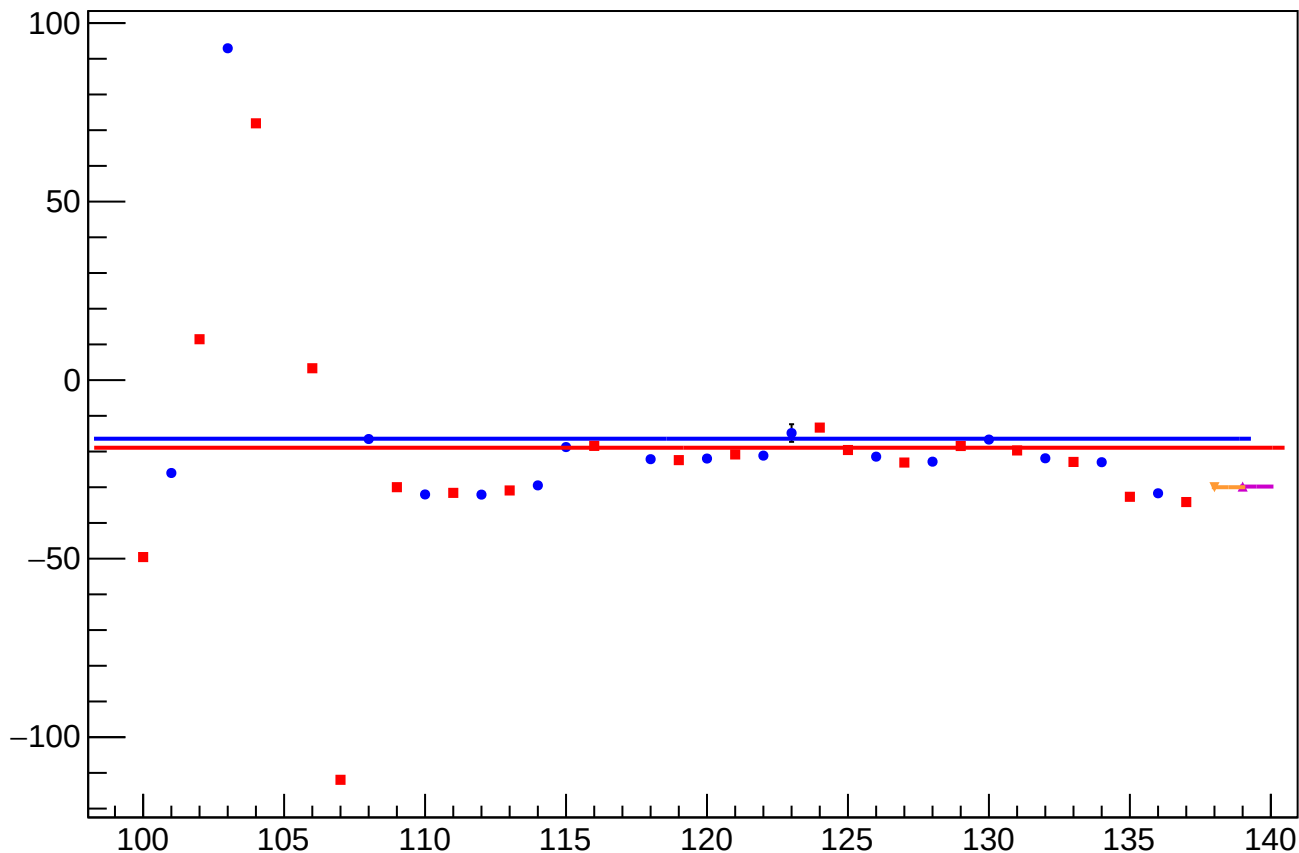
Right: -35.354 ± 0.521 χ^2/NDF : 1269.6/35

In: -32.603 ± 0.720 χ^2/NDF : 801.5/17

Out: -33.376 ± 0.704 χ^2/NDF : 782.2/19

All: -32.998 ± 0.504 χ^2/NDF : 1584.4/37

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -29.993 ± 0.084 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

Left In: -29.811 ± 0.076 $\chi^2/\text{NDF}: 0.0/0$

Left: -29.892 ± 0.056 $\chi^2/\text{NDF}: 2.6/1$

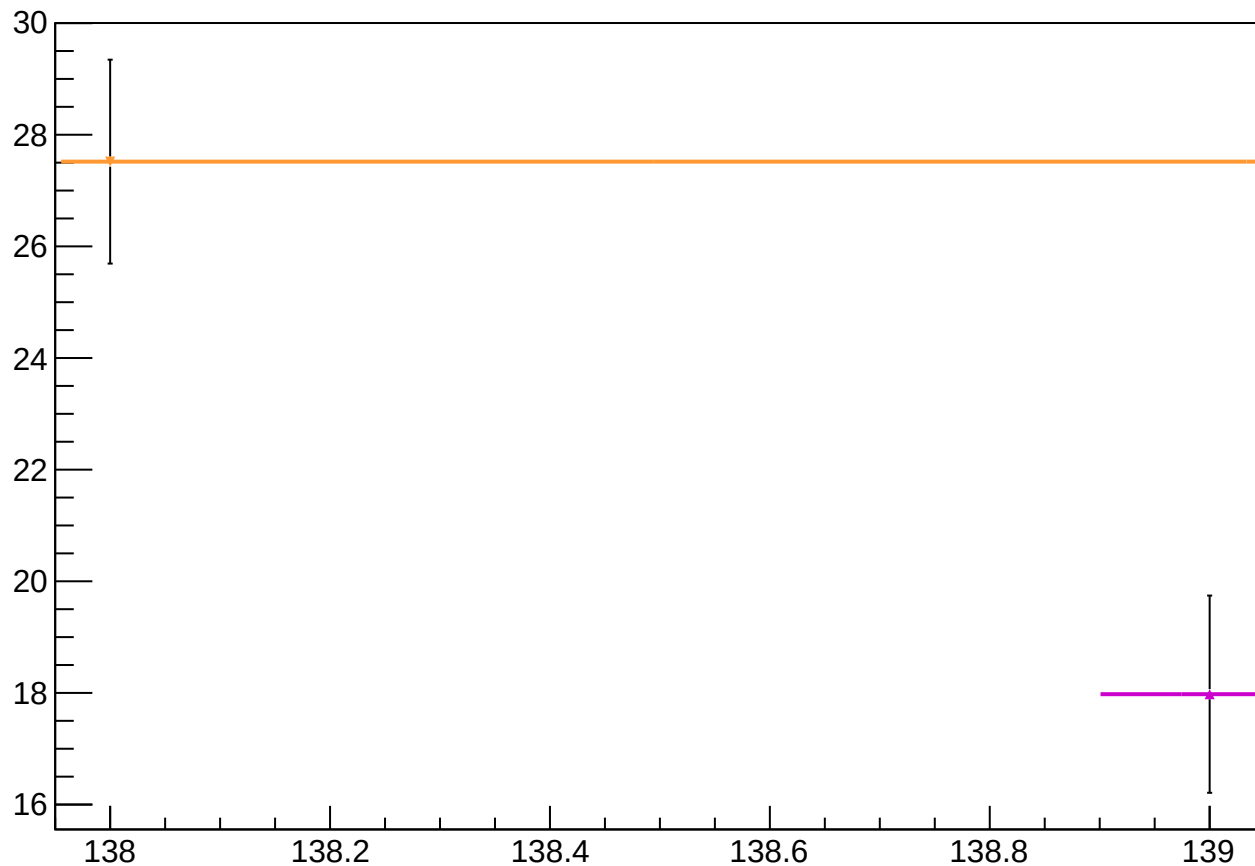
Right: -17.648 ± 0.032 $\chi^2/\text{NDF}: 910108.0/35$

In: -19.829 ± 0.038 $\chi^2/\text{NDF}: 497602.4/17$

Out: -21.400 ± 0.040 $\chi^2/\text{NDF}: 447477.4/19$

All: -20.583 ± 0.028 $\chi^2/\text{NDF}: 945886.9/37$

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: 17.977+/-1.767 χ^2/NDF : 0.0/0

Left: 22.589+/-1.270 χ^2/NDF : 14.1/1

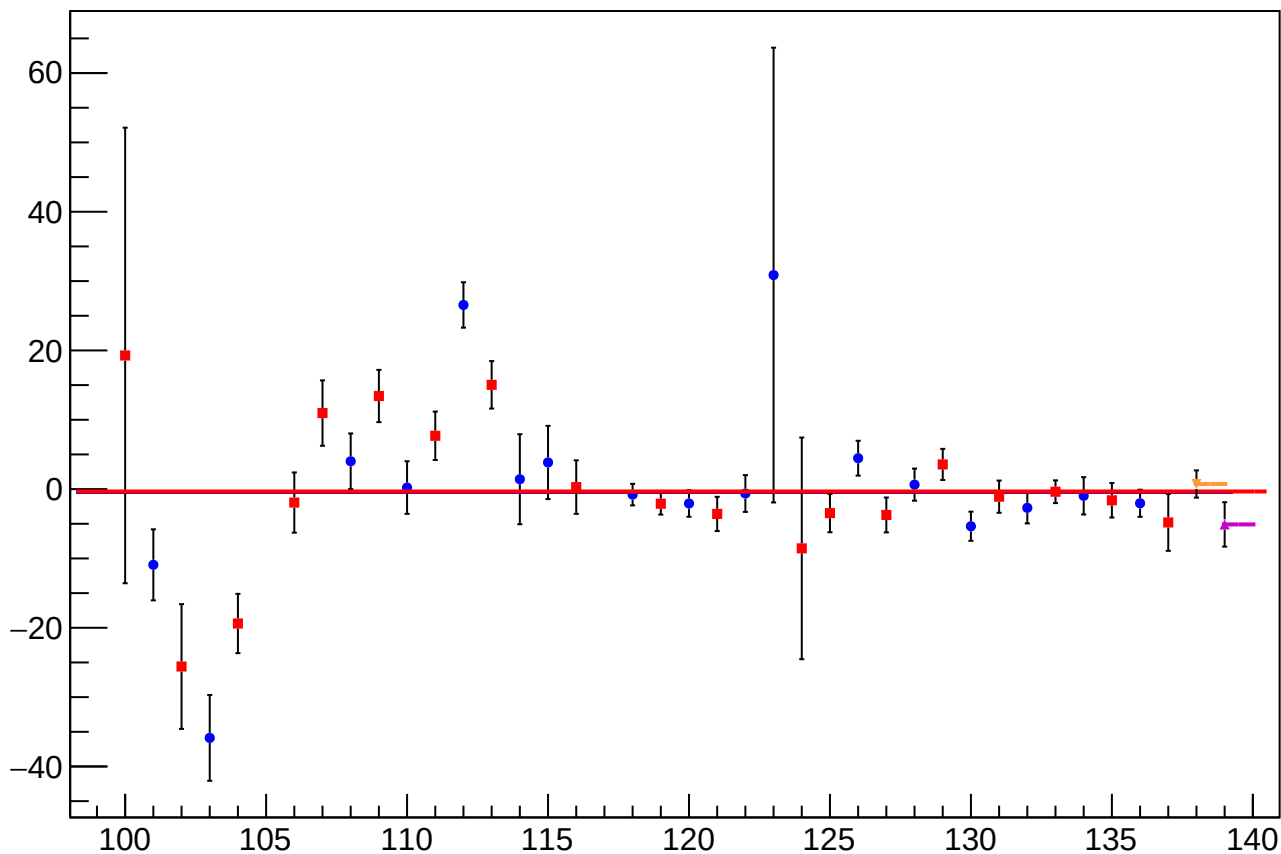
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.977+/-1.767 χ^2/NDF : 0.0/0

Out: 27.518+/-1.827 χ^2/NDF : 0.0/0

All: 22.589+/-1.270 χ^2/NDF : 14.1/1

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: -5.092 ± 3.202 χ^2/NDF : 0.0/0

Left: -0.857 ± 1.674 χ^2/NDF : 2.4/1

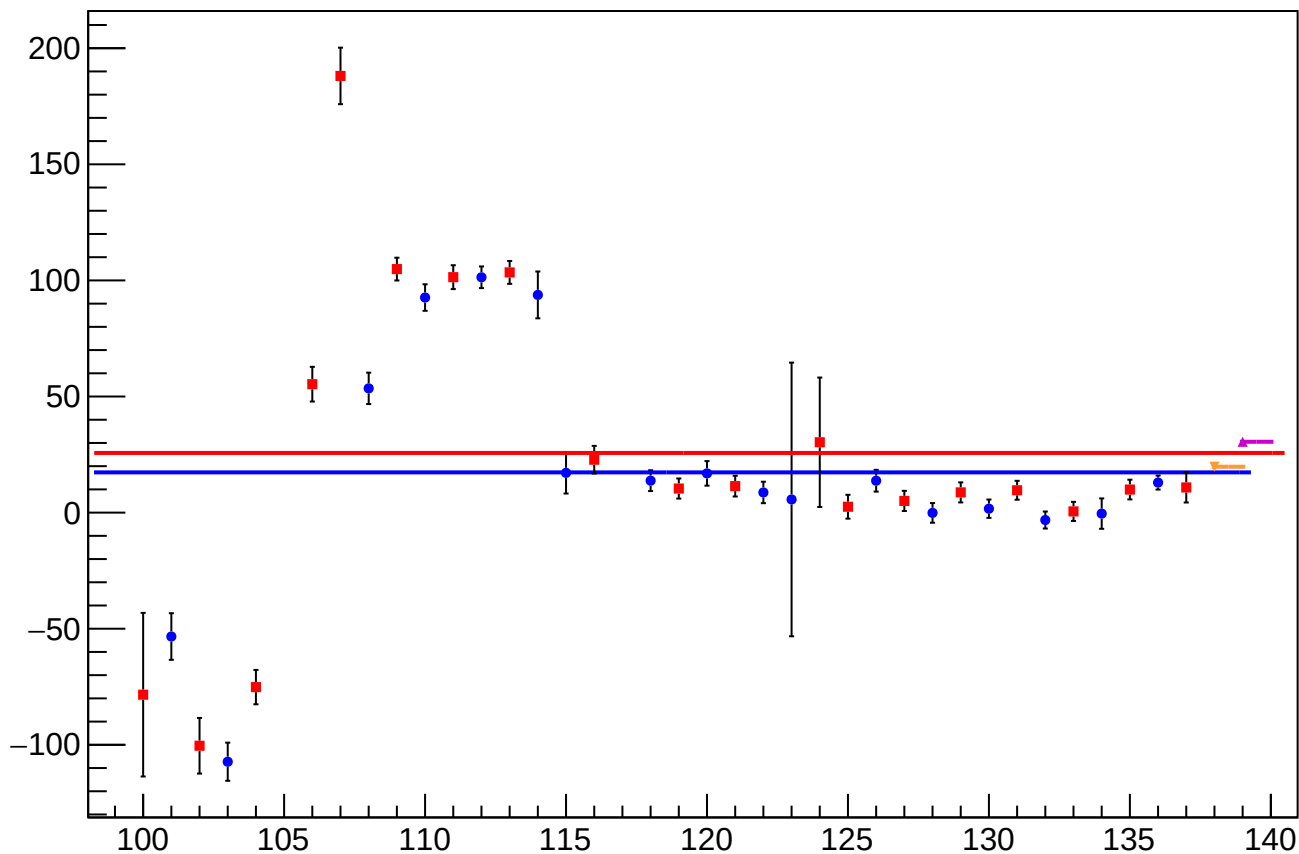
Right: -0.378 ± 0.463 χ^2/NDF : 203.7/35

In: -0.601 ± 0.640 χ^2/NDF : 122.0/17

Out: -0.234 ± 0.624 χ^2/NDF : 84.0/19

All: -0.412 ± 0.447 χ^2/NDF : 206.1/37

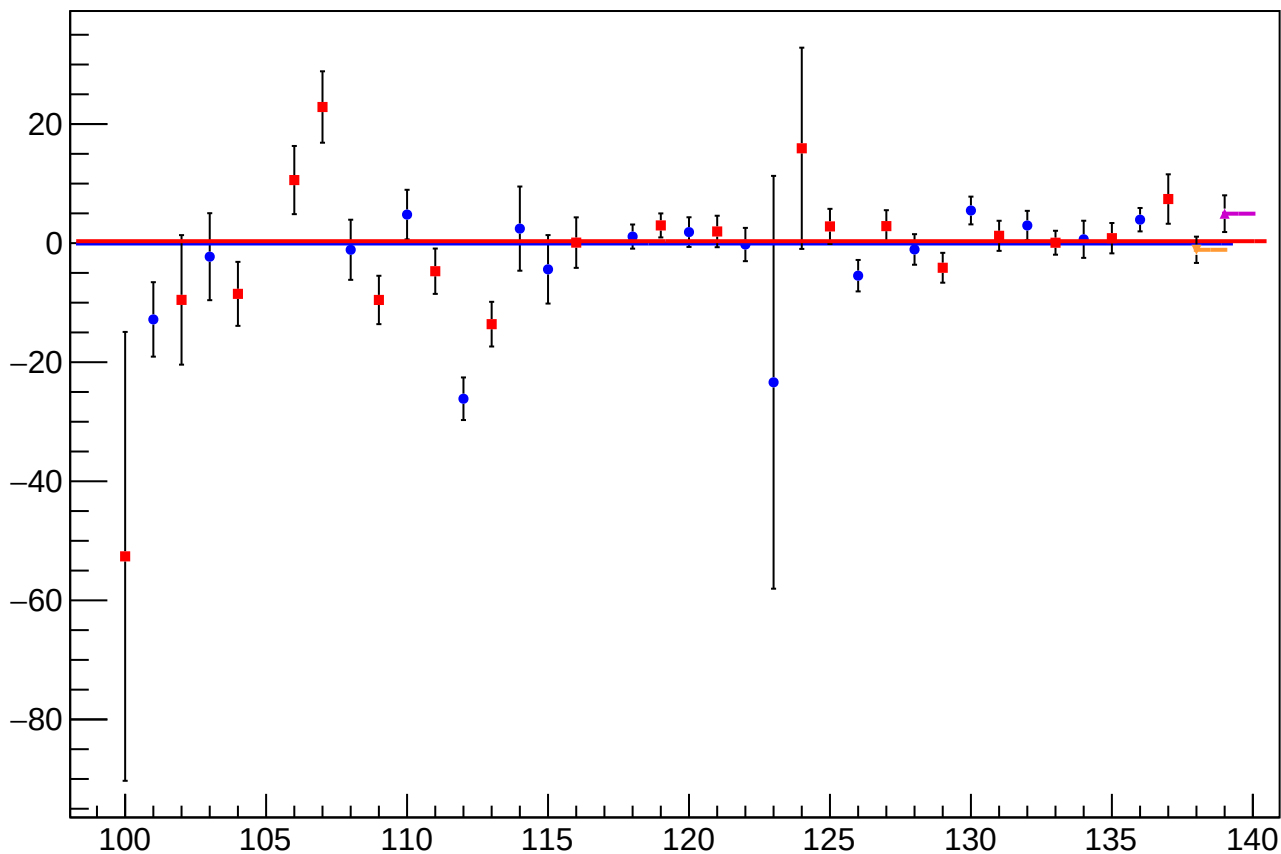
reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328 $\pm$ 1.239 χ^2 /NDF: 943.2/16
 Left Out: 19.756 $\pm$ 1.981 χ^2 /NDF:0.0/0
 Right Out: 25.701 $\pm$ 1.243 χ^2 /NDF: 1379.1/18
 Left In: 30.511 $\pm$ 1.911 χ^2 /NDF:0.0/0

Left: 25.328 $\pm$ 1.376 χ^2 /NDF: 15.3/1
 Right: 21.501 $\pm$ 0.877 χ^2 /NDF: 2345.0/35
 In: 21.228 $\pm$ 1.039 χ^2 /NDF:976.7/17
 Out: 24.023 $\pm$ 1.053 χ^2 /NDF:1385.6/19
 All: 22.608 $\pm$ 0.740 χ^2 /NDF: 2365.8/37

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: 4.948 ± 3.084 χ^2/NDF : 0.0/0

Left: 0.936 ± 1.795 χ^2/NDF : 2.6/1

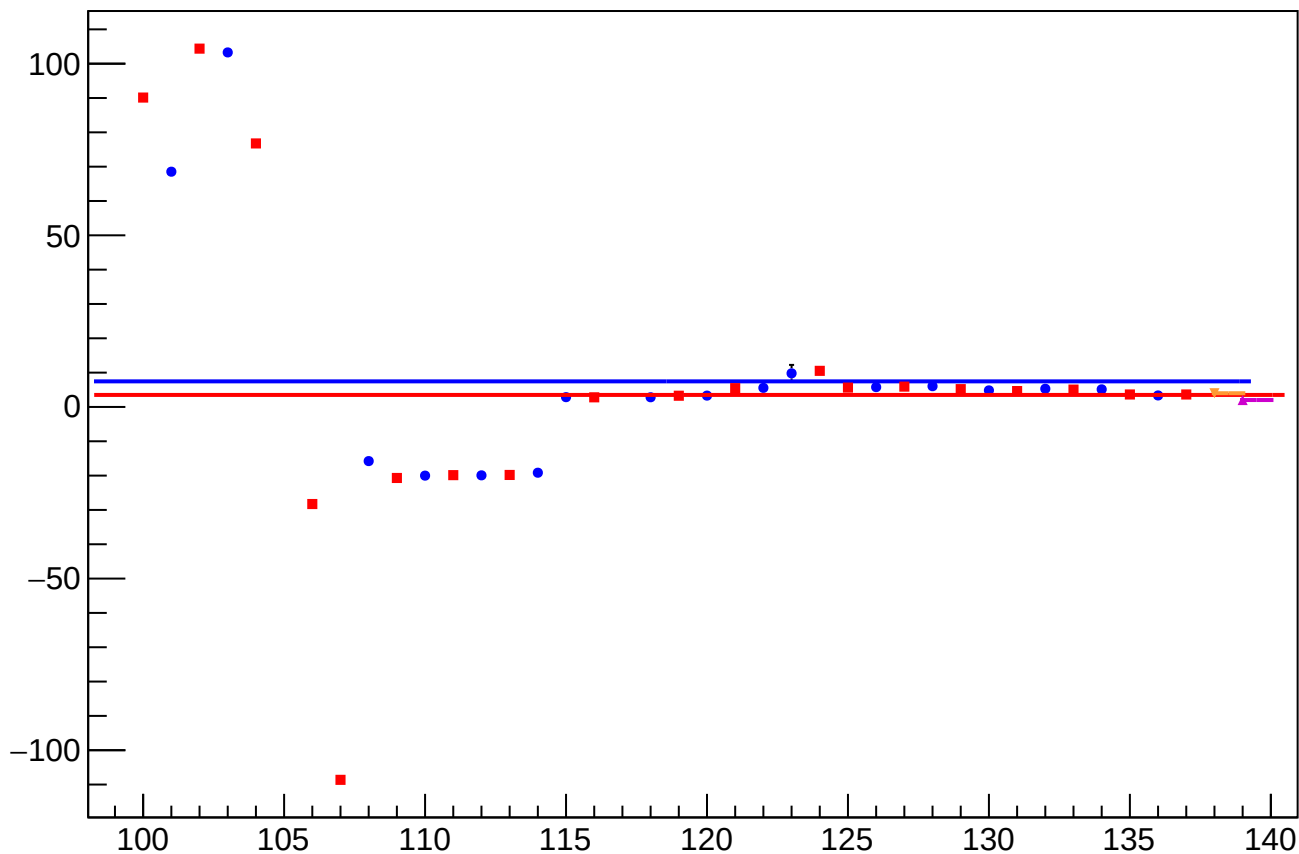
Right: 0.132 ± 0.528 χ^2/NDF : 131.8/35

In: 0.216 ± 0.723 χ^2/NDF : 79.0/17

Out: 0.177 ± 0.710 χ^2/NDF : 55.5/19

All: 0.196 ± 0.506 χ^2/NDF : 134.5/37

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: 2.016+/-0.068 χ^2/NDF : 0.0/0

Left: 2.878+/-0.051 χ^2/NDF : 372.4/1

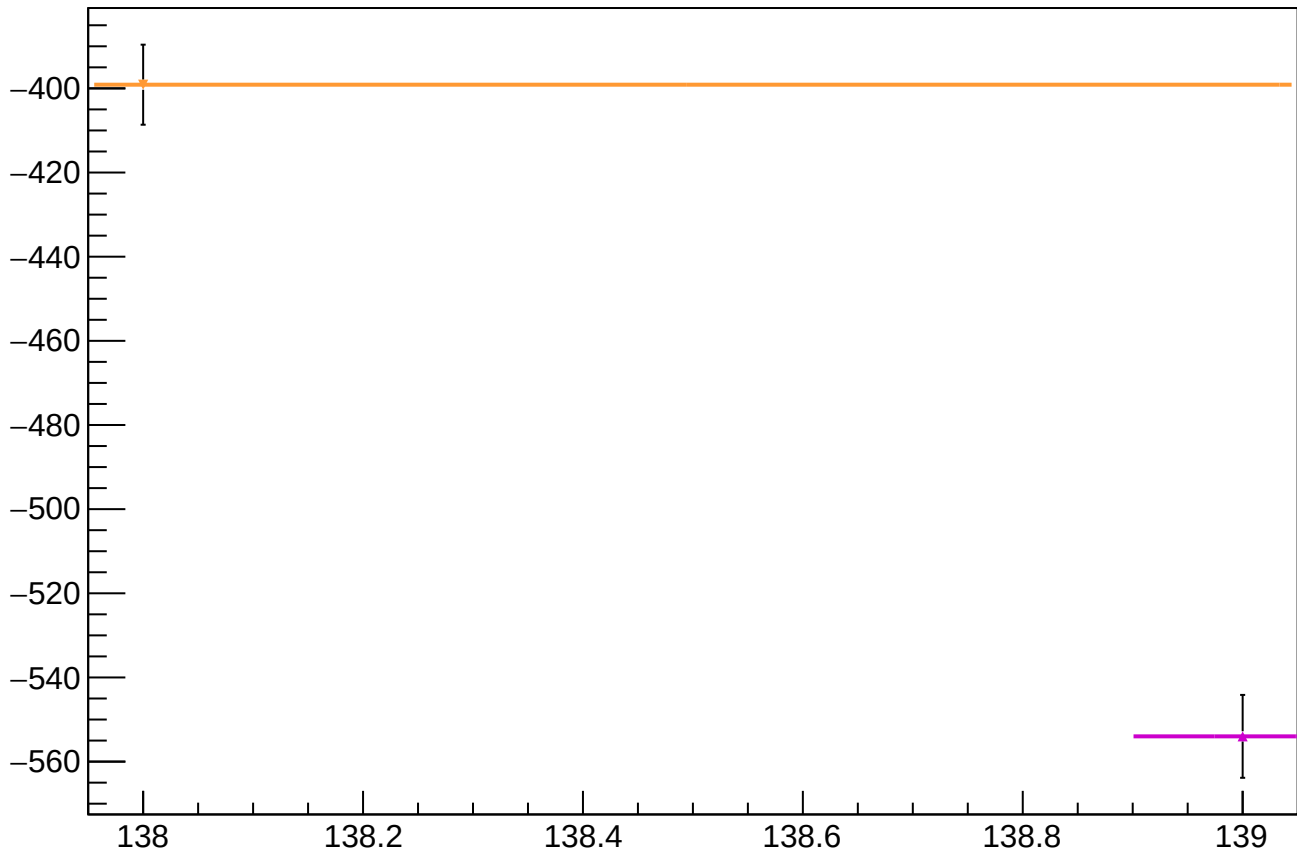
Right: 5.528+/-0.032 χ^2/NDF : 870492.1/35

In: 5.817+/-0.037 χ^2/NDF : 360566.4/17

Out: 3.629+/-0.039 χ^2/NDF : 510609.9/19

All: 4.782+/-0.027 χ^2/NDF : 872817.4/37

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: -553.998 ± 9.849 χ^2/NDF : 0.0/0

Left: -473.862 ± 6.842 χ^2/NDF : 127.9/1

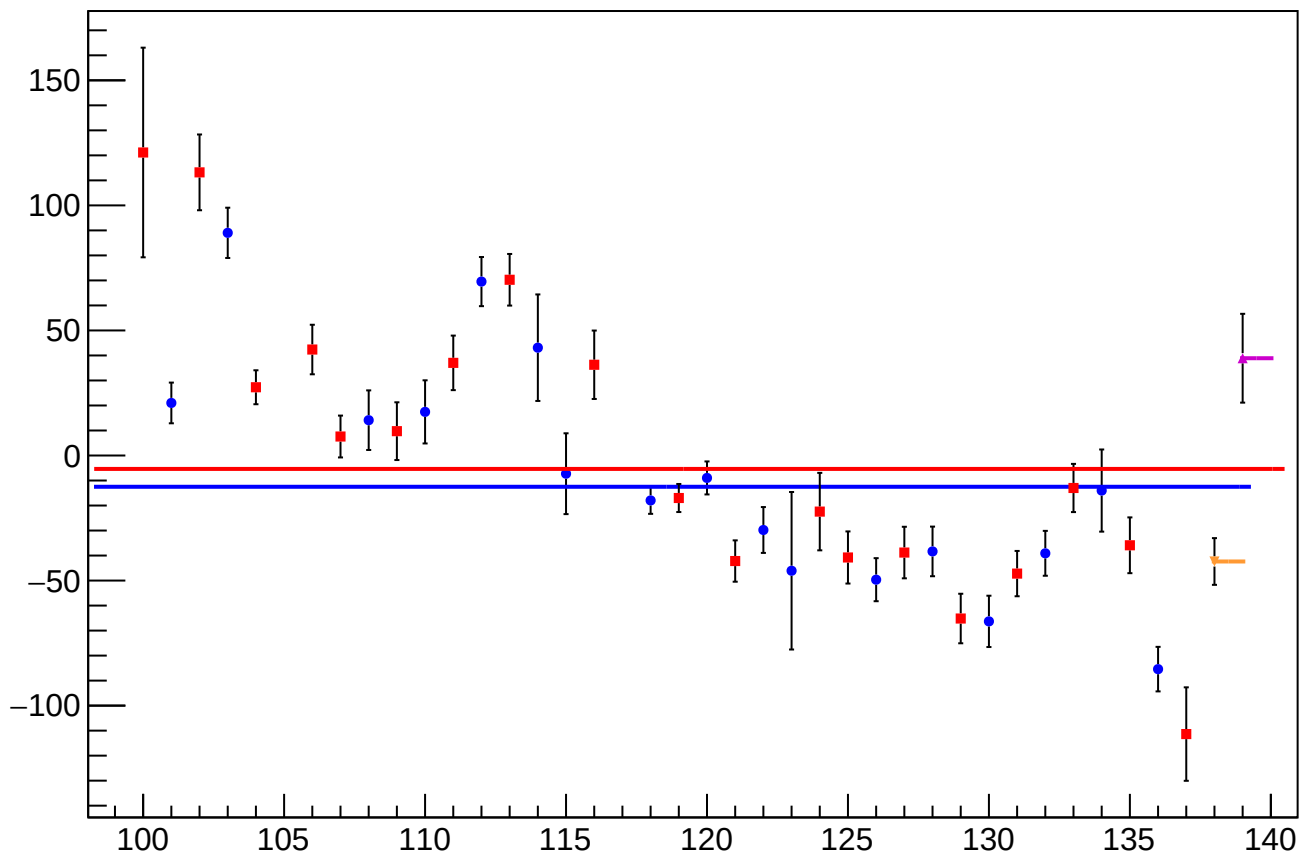
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -553.998 ± 9.849 χ^2/NDF : 0.0/0

Out: -399.124 ± 9.512 χ^2/NDF : 0.0/0

All: -473.862 ± 6.842 χ^2/NDF : 127.9/1

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: 38.893 ± 17.755 χ^2/NDF : 0.0/0

Left: -24.757 ± 8.266 χ^2/NDF : 16.4/1

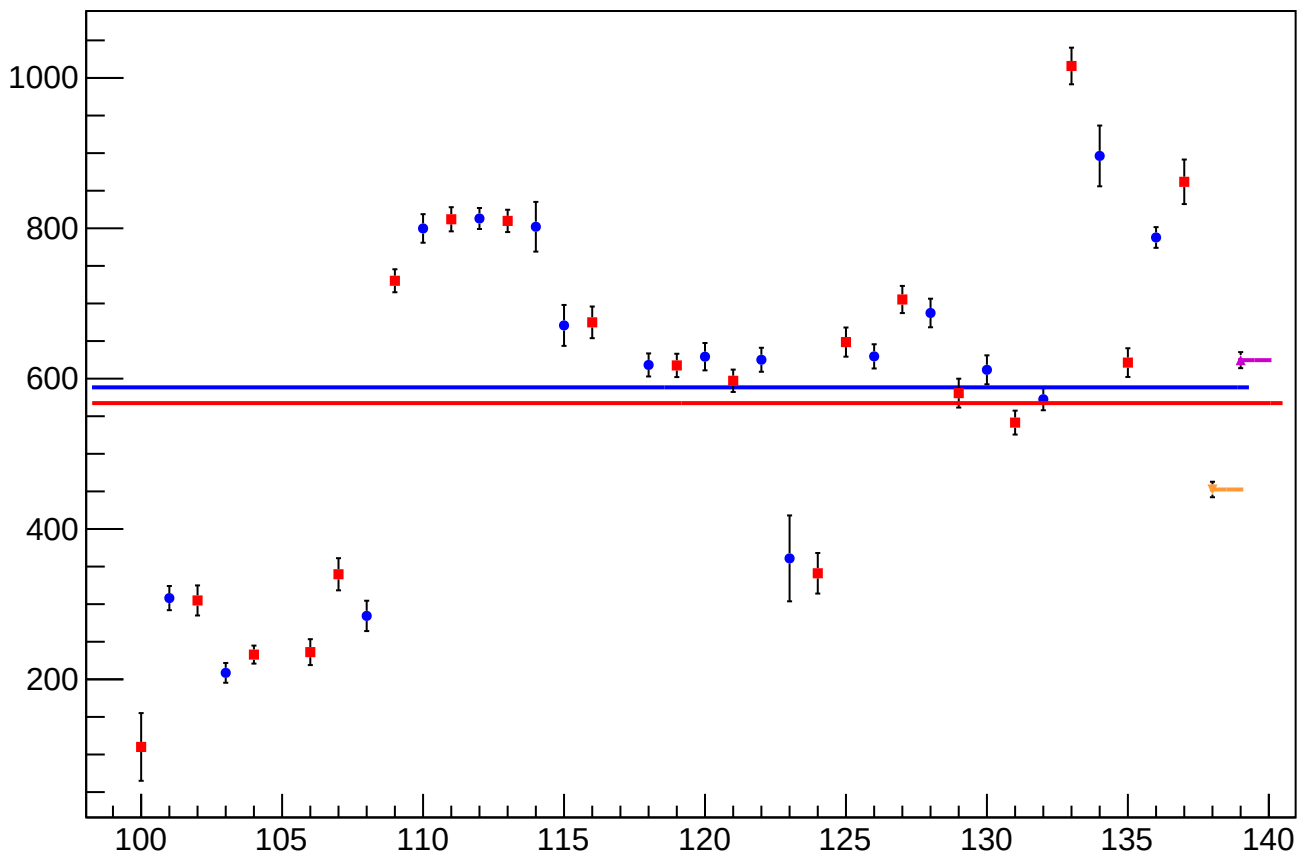
Right: -8.858 ± 1.617 χ^2/NDF : 690.5/35

In: -11.644 ± 2.292 χ^2/NDF : 349.3/17

Out: -7.417 ± 2.200 χ^2/NDF : 359.4/19

All: -9.445 ± 1.587 χ^2/NDF : 710.5/37

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: 624.607+/-10.664 χ^2/NDF : 0.0/0

Left: 535.668+/-7.412 χ^2/NDF : 134.6/1

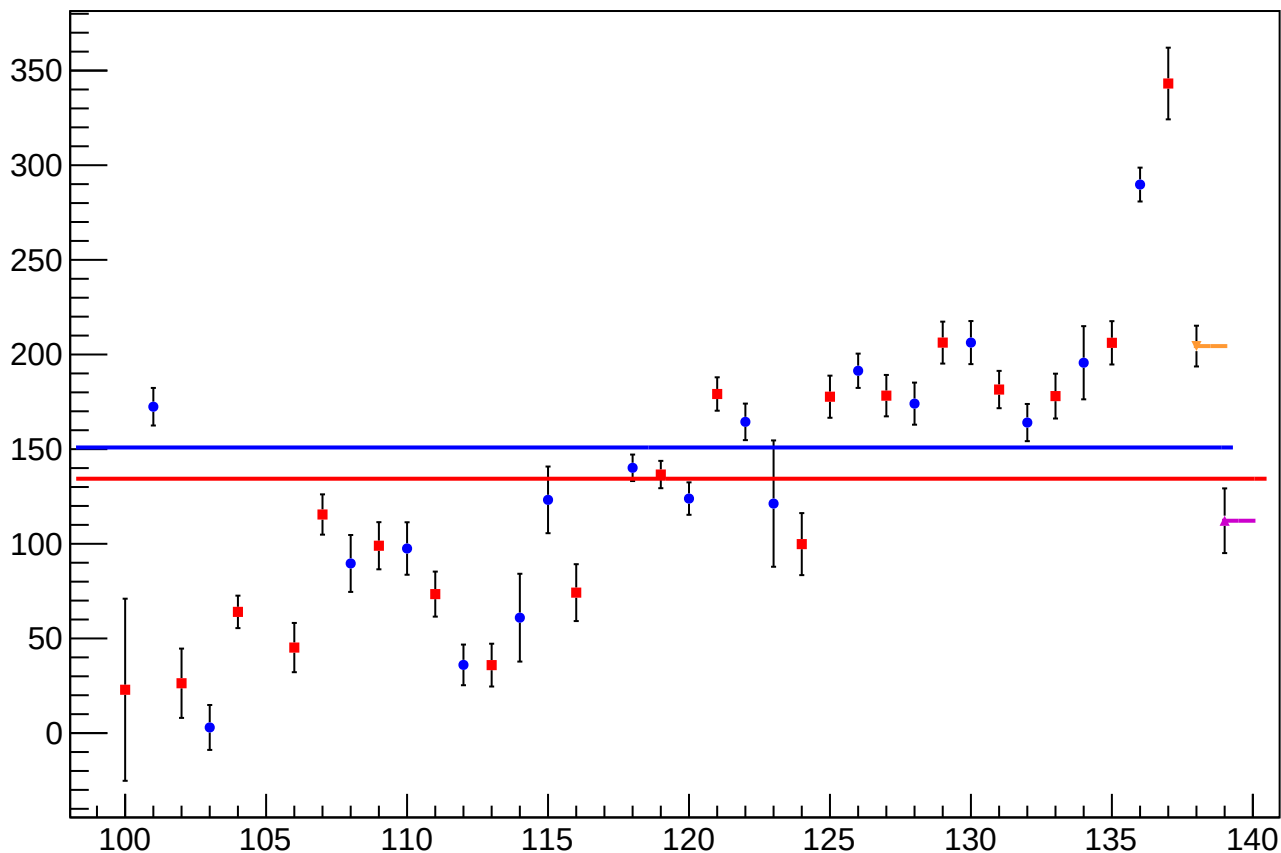
Right: 577.481+/-2.988 χ^2/NDF : 4927.3/35

In: 593.524+/-4.004 χ^2/NDF : 2140.1/17

Out: 551.515+/-3.839 χ^2/NDF : 2891.8/19

All: 571.636+/-2.771 χ^2/NDF : 5089.3/37

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891 $\pm$ 2.674 χ^2 /NDF: 634.8/16

Left Out: 204.447 $\pm$ 10.767 χ^2 /NDF:0.0/0

Right Out: 134.381 $\pm$ 2.620 χ^2 /NDF: 584.9/18

Left In: 112.184 $\pm$ 17.092 χ^2 /NDF:0.0/0

Left: 178.236 $\pm$ 9.110 χ^2 /NDF: 20.9/1

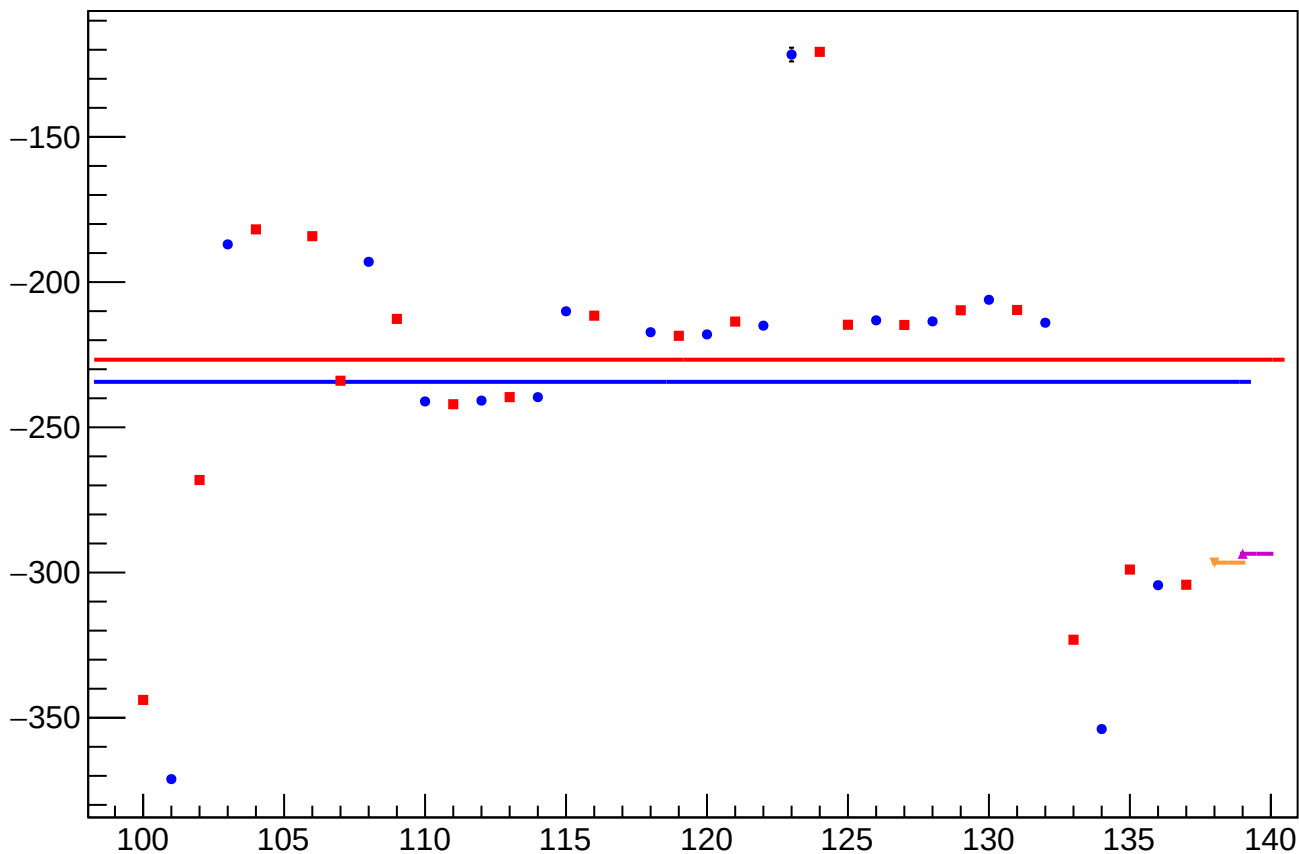
Right: 142.467 $\pm$ 1.871 χ^2 /NDF: 1239.2/35

In: 149.966 $\pm$ 2.642 χ^2 /NDF:639.8/17

Out: 138.297 $\pm$ 2.545 χ^2 /NDF:624.9/19

All: 143.915 $\pm$ 1.833 χ^2 /NDF: 1274.8/37

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: -293.537+/-0.376 χ^2/NDF : 0.0/0

Left: -294.927+/-0.277 χ^2/NDF : 30.0/1

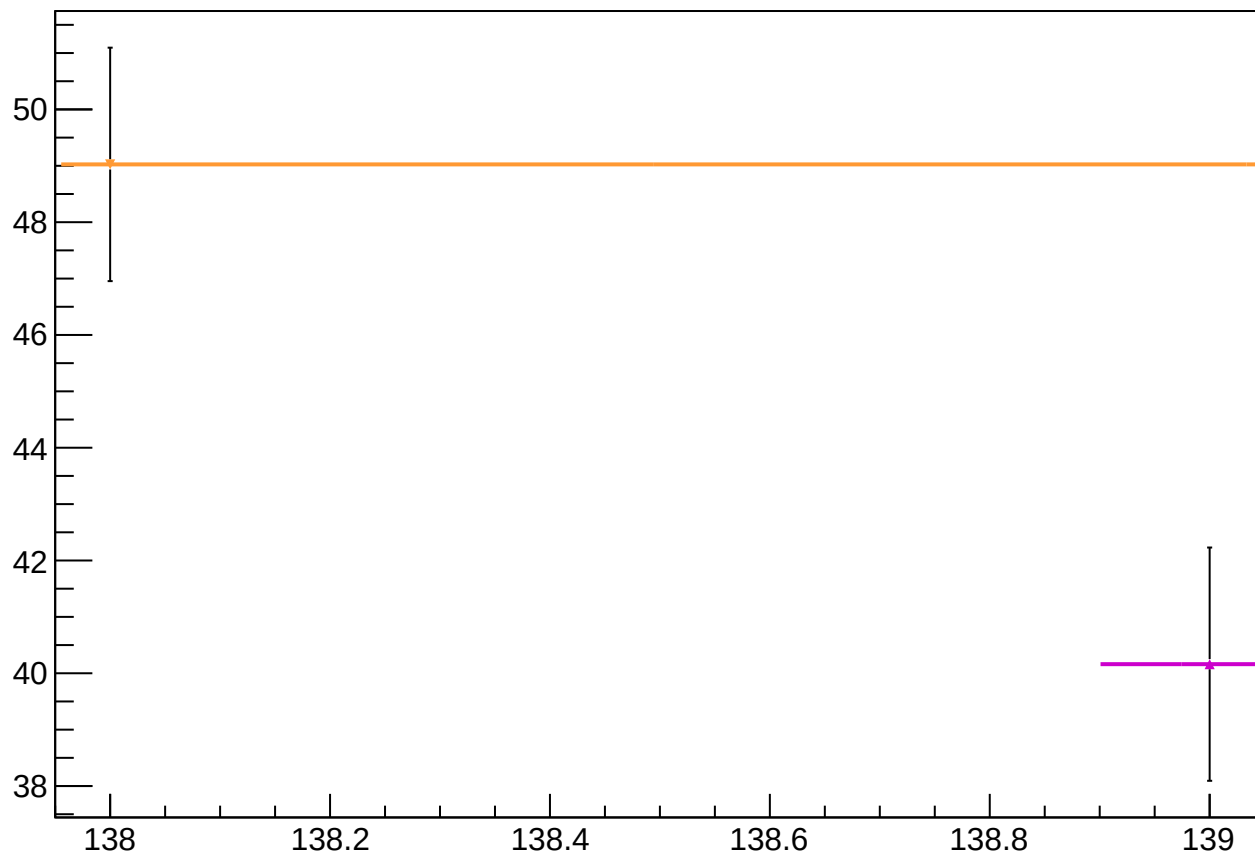
Right: -230.345+/-0.102 χ^2/NDF : 245990.9/35

In: -242.318+/-0.138 χ^2/NDF : 166633.2/17

Out: -234.122+/-0.134 χ^2/NDF : 125348.7/19

All: -238.089+/-0.096 χ^2/NDF : 293802.8/37

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: 40.161+/-2.069 χ^2/NDF : 0.0/0

Left: 44.590+/-1.463 χ^2/NDF : 9.2/1

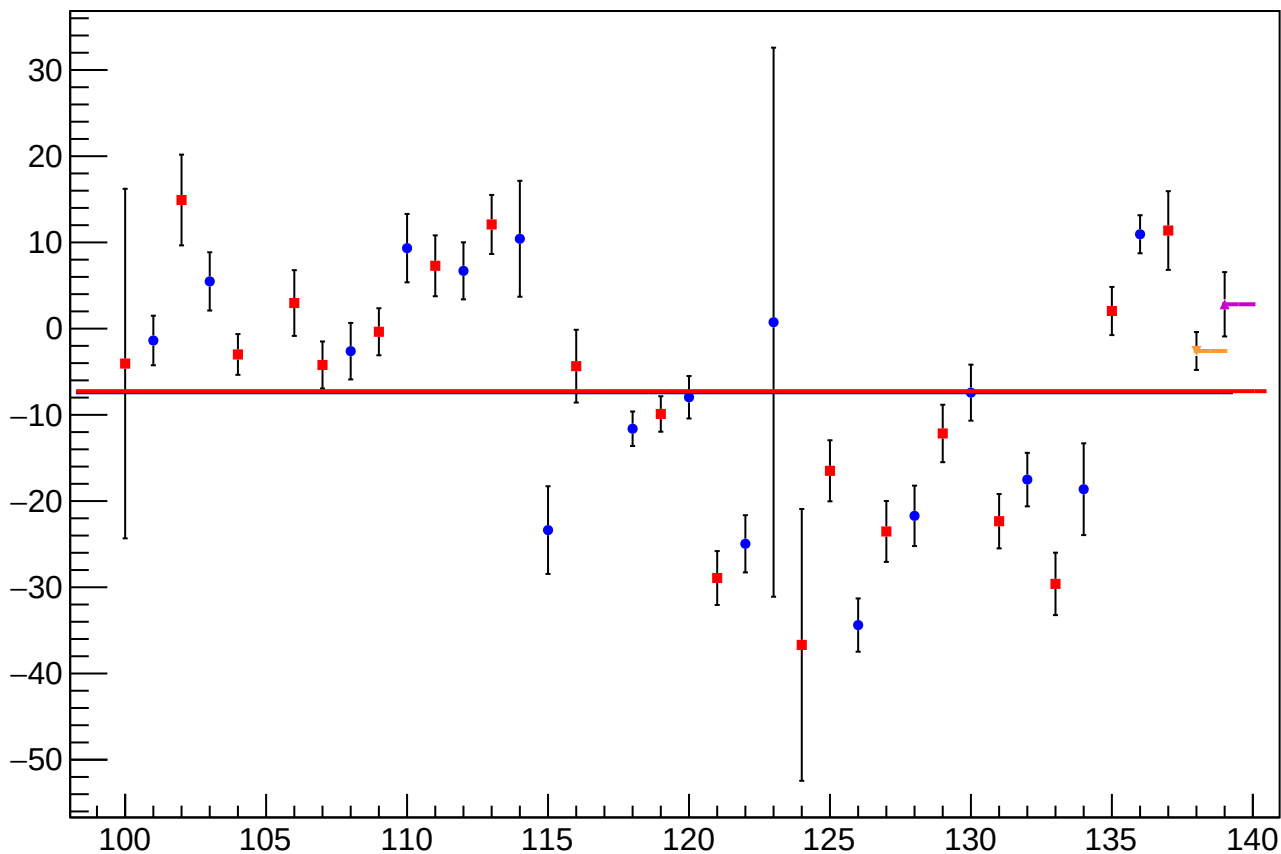
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.161+/-2.069 χ^2/NDF : 0.0/0

Out: 49.025+/-2.070 χ^2/NDF : 0.0/0

All: 44.590+/-1.463 χ^2/NDF : 9.2/1

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: 2.825 ± 3.732 χ^2/NDF : 0.0/0

Left: -1.197 ± 1.894 χ^2/NDF : 1.6/1

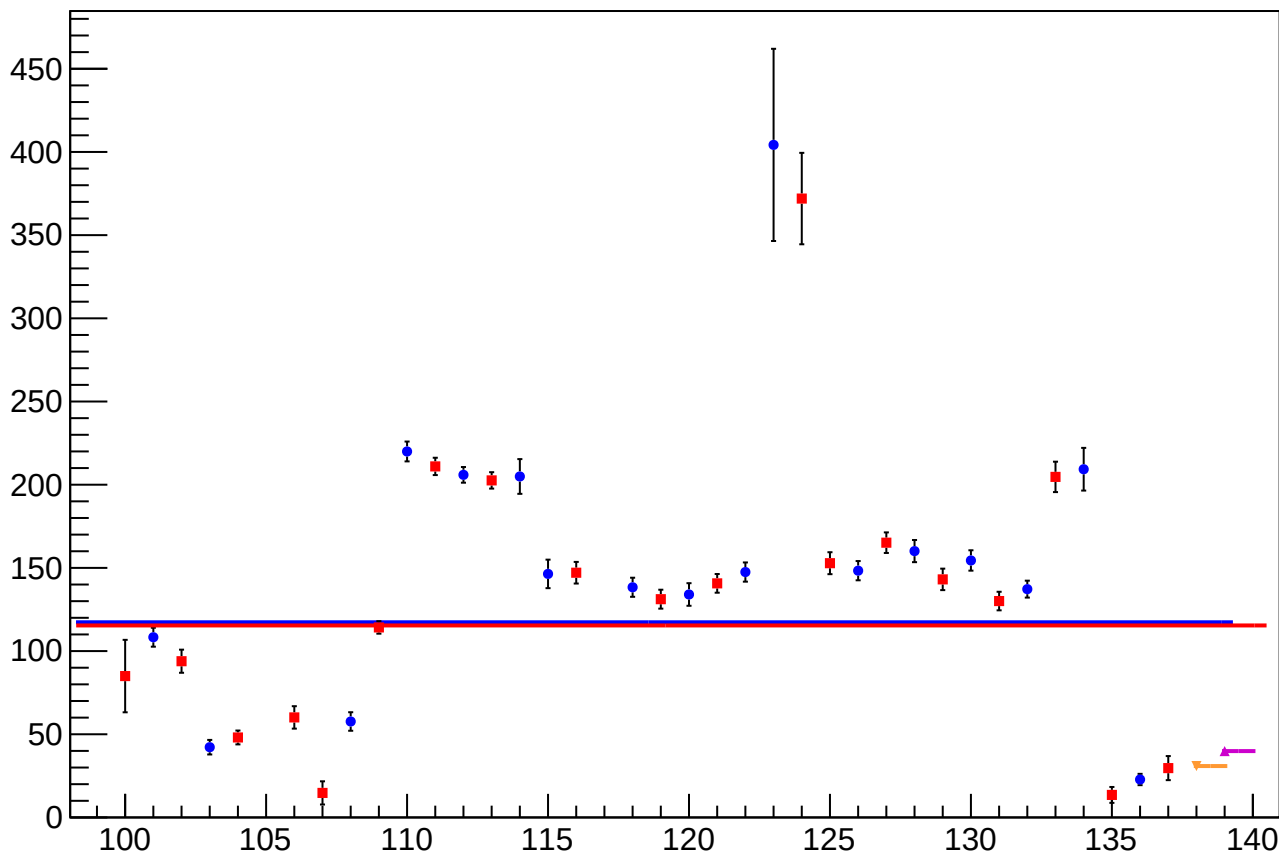
Right: -7.317 ± 0.545 χ^2/NDF : 540.9/35

In: -6.956 ± 0.762 χ^2/NDF : 290.7/17

Out: -6.756 ± 0.720 χ^2/NDF : 261.3/19

All: -6.850 ± 0.523 χ^2/NDF : 552.1/37

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 30.896 $\pm$ 2.245 χ^2 /NDF:0.0/0

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

Left In: 39.889 $\pm$ 2.240 χ^2 /NDF:0.0/0

Left: 35.404 $\pm$ 1.586 χ^2 /NDF: 8.0/1

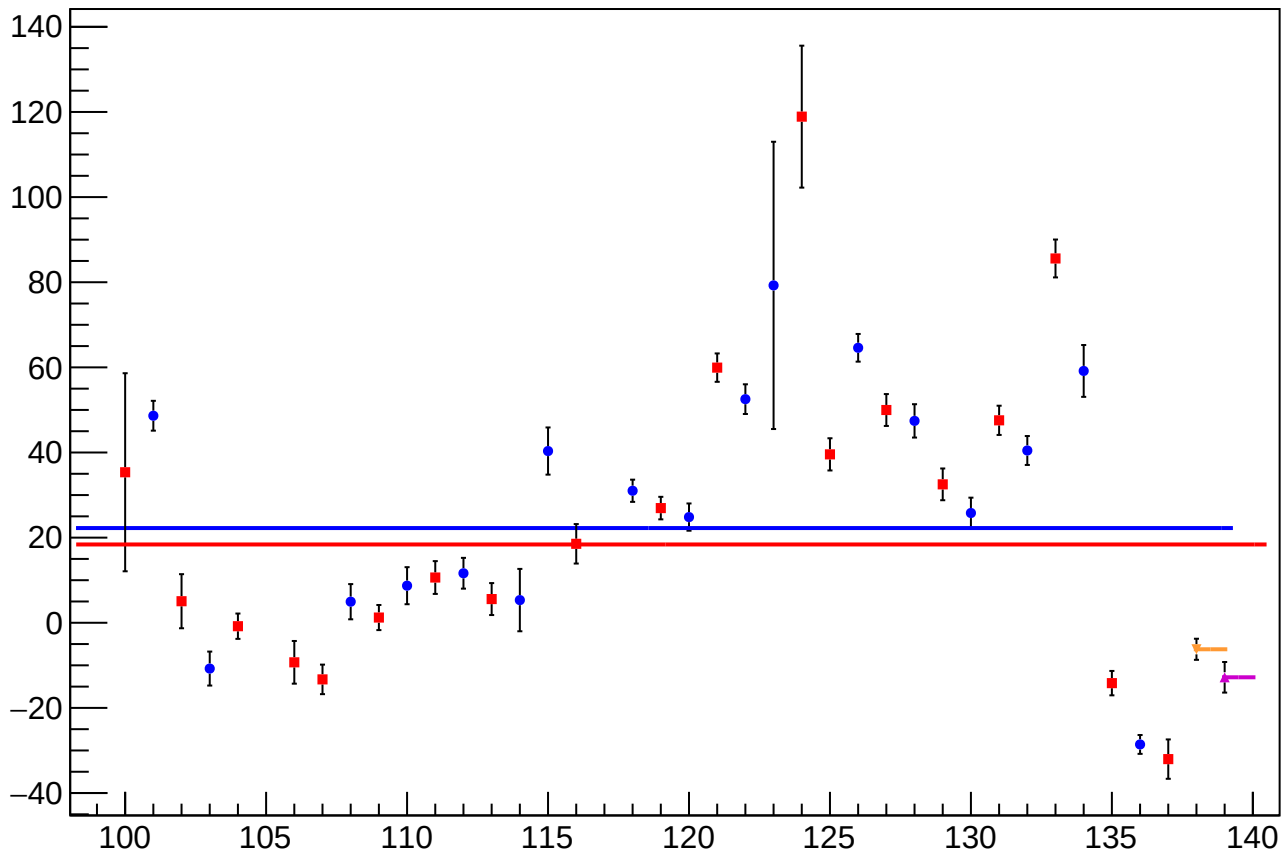
Right: 116.321 $\pm$ 0.979 χ^2 /NDF: 4312.7/35

In: 95.359 $\pm$ 1.192 χ^2 /NDF:3017.4/17

Out: 92.707 $\pm$ 1.164 χ^2 /NDF:3186.7/19

All: 94.001 $\pm$ 0.833 χ^2 /NDF: 6206.6/37

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -6.229 $\pm$ 2.479 χ^2 /NDF:0.0/0

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

Left In: -12.810 $\pm$ 3.593 χ^2 /NDF:0.0/0

Left: -8.351 $\pm$ 2.041 χ^2 /NDF: 2.3/1

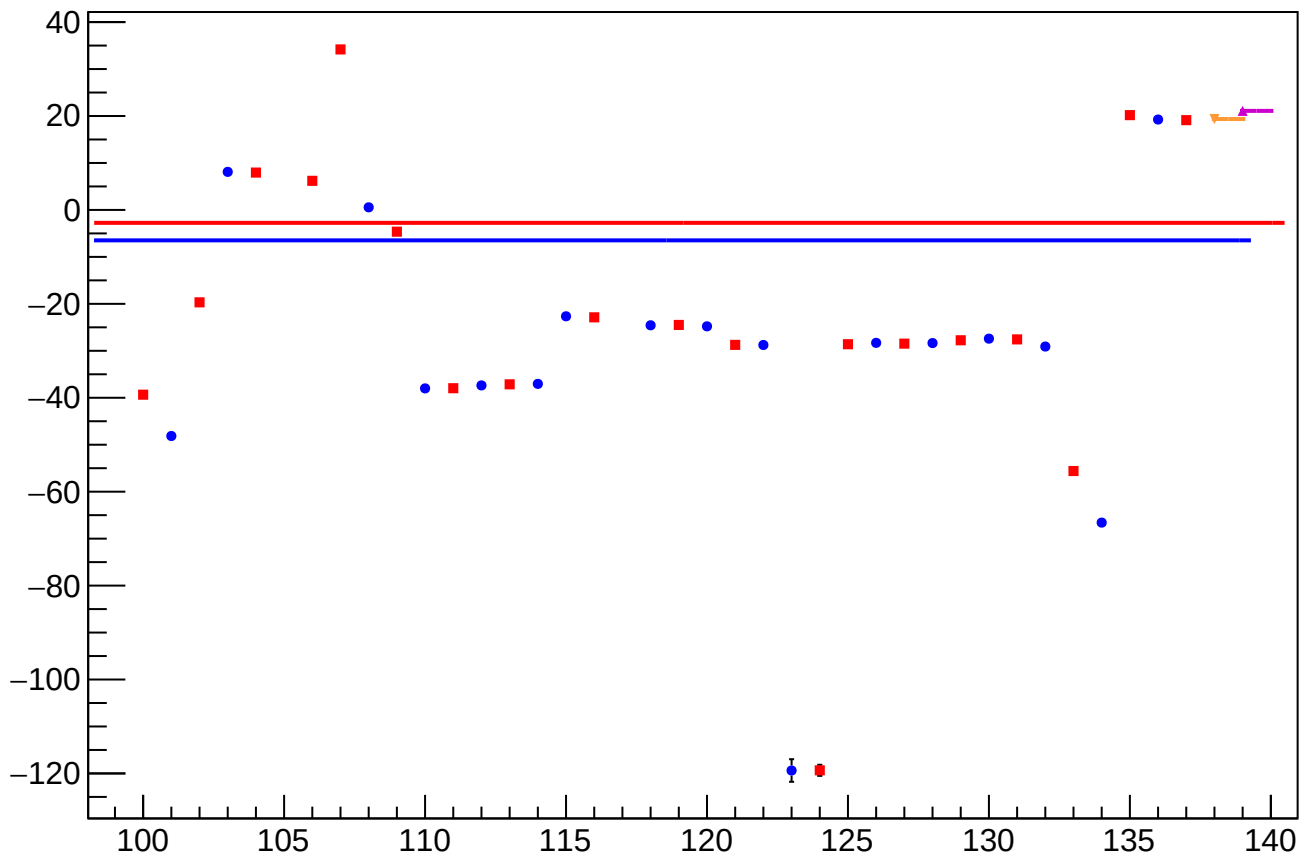
Right: 20.284 $\pm$ 0.622 χ^2 /NDF: 2158.2/35

In: 20.227 $\pm$ 0.863 χ^2 /NDF:1161.2/17

Out: 15.685 $\pm$ 0.822 χ^2 /NDF:1164.9/19

All: 17.846 $\pm$ 0.595 χ^2 /NDF: 2340.6/37

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: 21.093 ± 0.079 χ^2/NDF : 0.0/0

Left: 20.315 ± 0.059 χ^2/NDF : 217.5/1

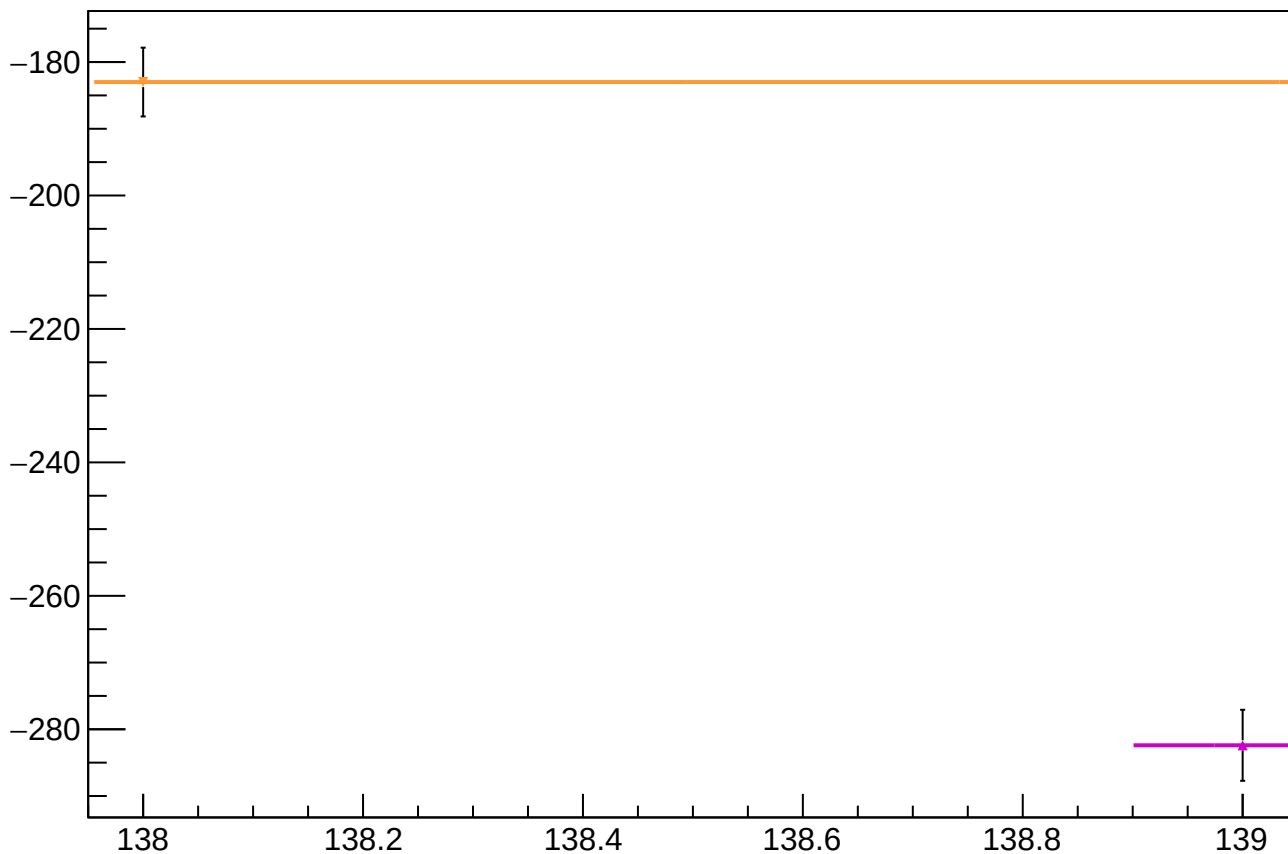
Right: -4.597 ± 0.032 χ^2/NDF : 535394.7/35

In: 0.557 ± 0.040 χ^2/NDF : 356884.6/17

Out: 1.985 ± 0.040 χ^2/NDF : 316469.3/19

All: 1.259 ± 0.028 χ^2/NDF : 673985.7/37

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: -282.401+/-5.321 χ^2/NDF : 0.0/0

Left: -231.105+/-3.702 χ^2/NDF : 180.1/1

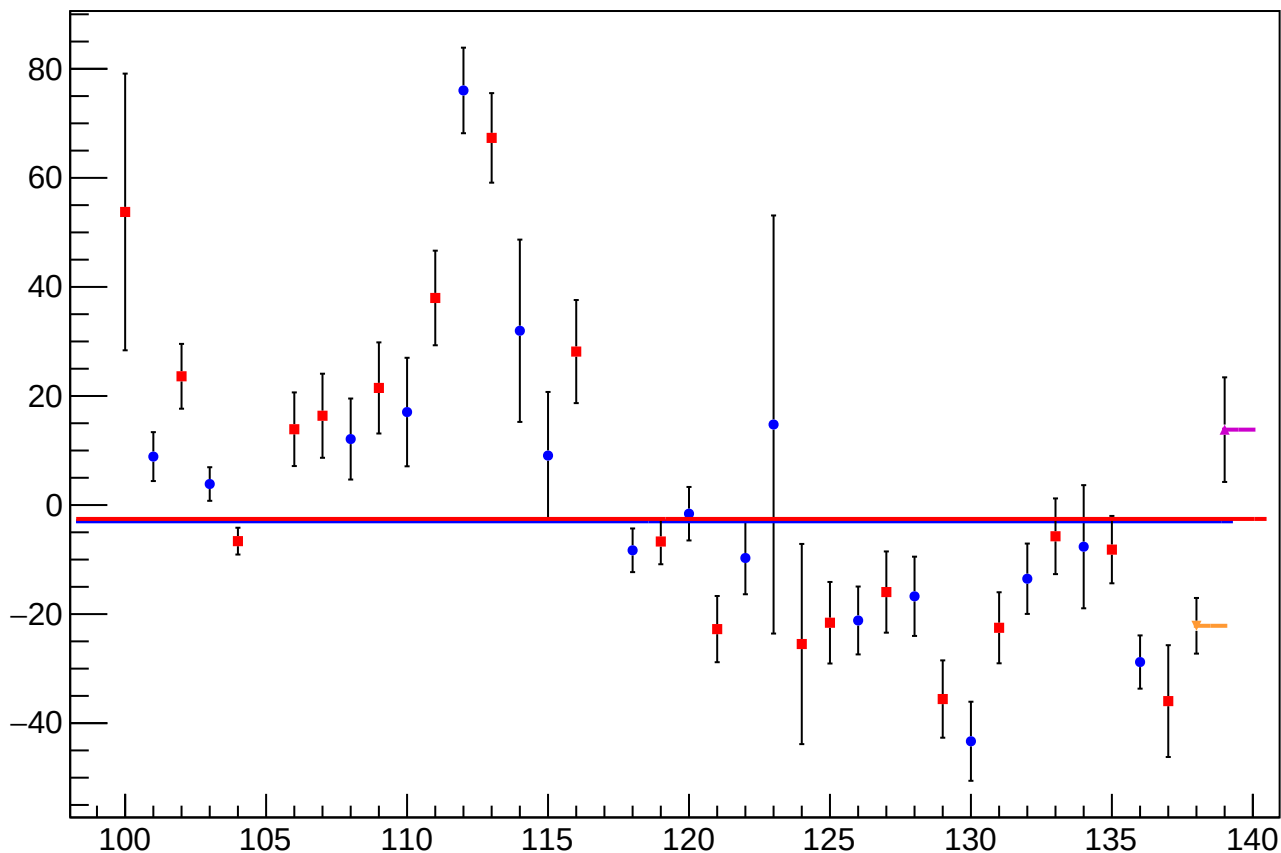
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -282.401+/-5.321 χ^2/NDF : 0.0/0

Out: -182.999+/-5.153 χ^2/NDF : 0.0/0

All: -231.105+/-3.702 χ^2/NDF : 180.1/1

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: 13.828 ± 9.594 χ^2/NDF : 0.0/0

Left: -14.211 ± 4.505 χ^2/NDF : 11.0/1

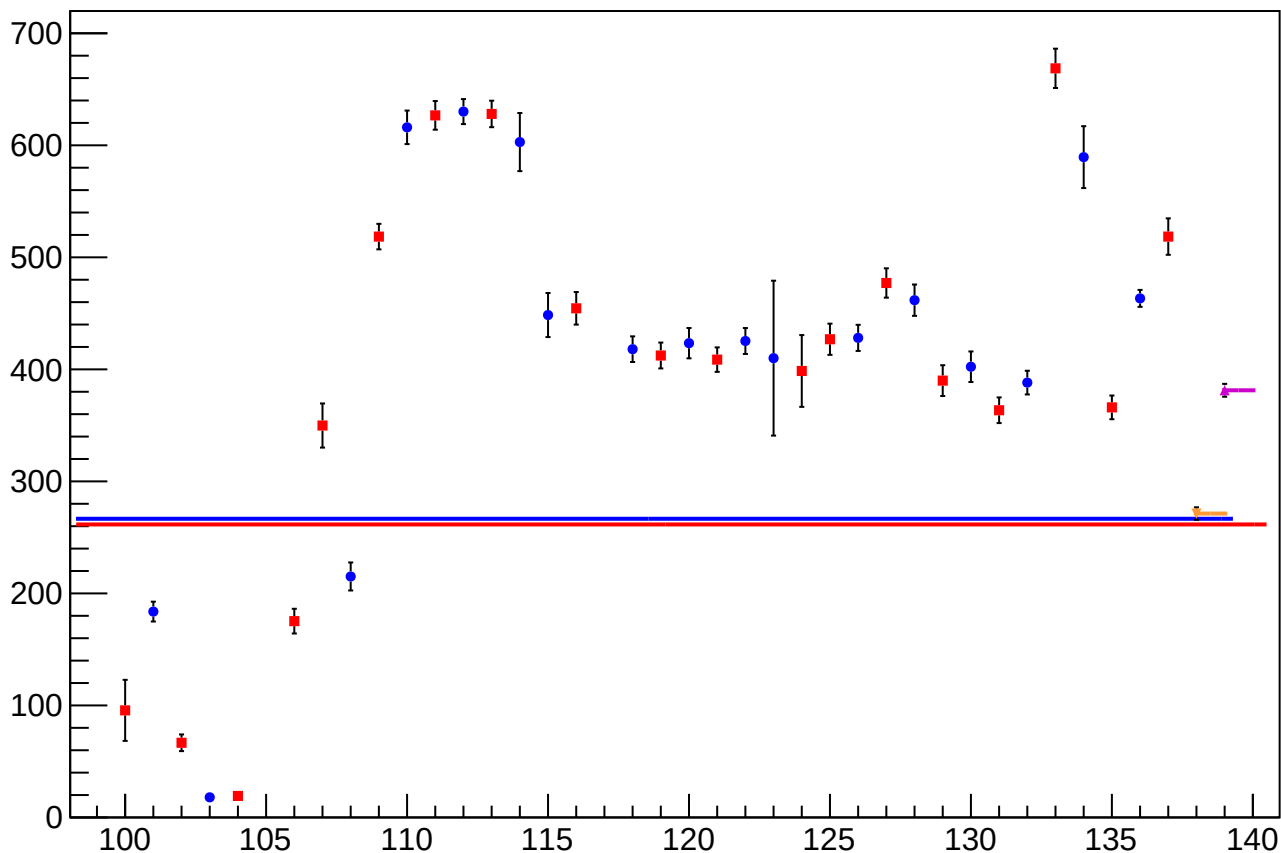
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: -2.606 ± 1.434 χ^2/NDF : 206.9/17

Out: -3.917 ± 1.349 χ^2/NDF : 231.8/19

All: -3.301 ± 0.983 χ^2/NDF : 439.2/37

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 271.272 $\pm$ 5.586 χ^2 /NDF:0.0/0

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

Left In: 381.306 $\pm$ 5.761 χ^2 /NDF:0.0/0

Left: 324.596 $\pm$ 4.010 χ^2 /NDF: 188.0/1

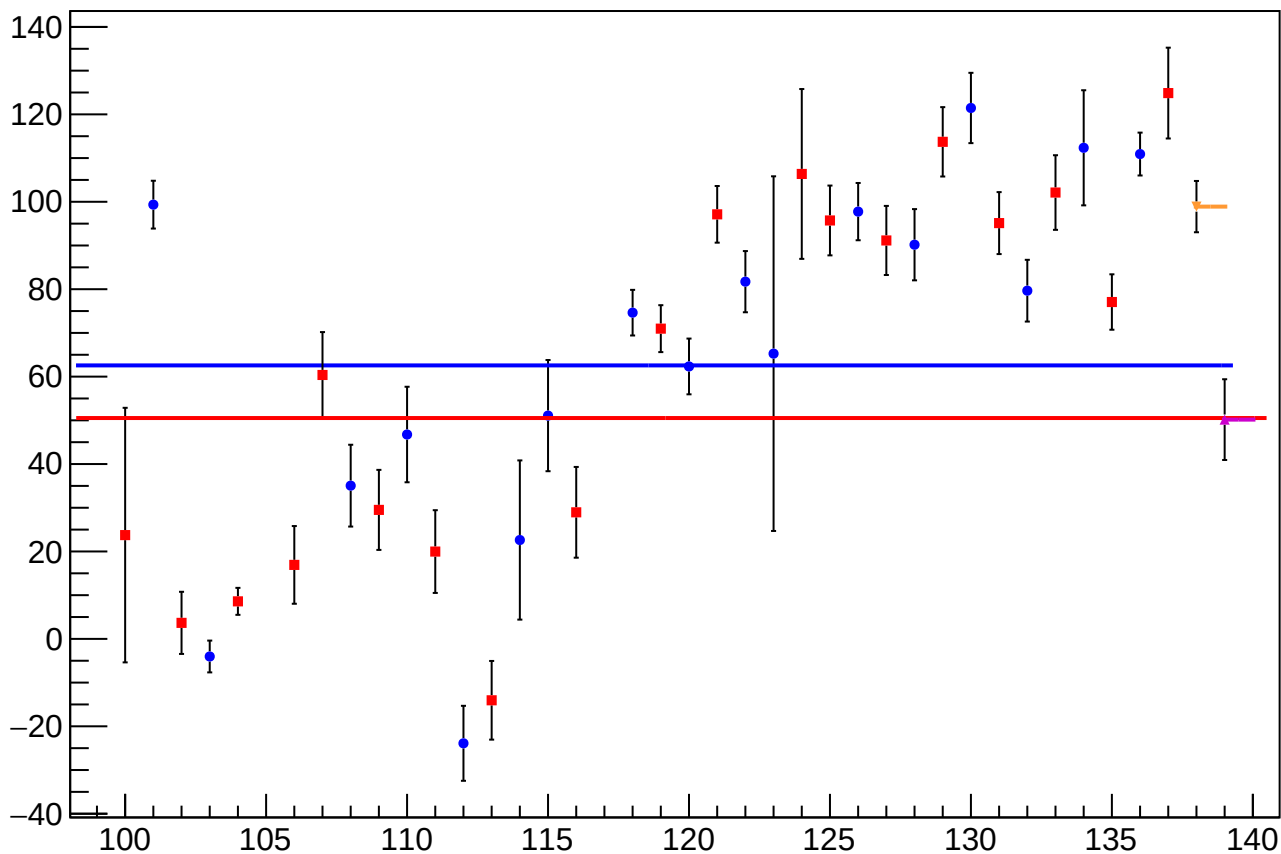
Right: 264.068 $\pm$ 1.745 χ^2 /NDF: 15873.0/35

In: 284.519 $\pm$ 2.276 χ^2 /NDF:7997.1/17

Out: 263.127 $\pm$ 2.250 χ^2 /NDF:8210.7/19

All: 273.700 $\pm$ 1.600 χ^2 /NDF: 16252.5/37

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 98.895 $\pm$ 5.869 χ^2 /NDF:0.0/0

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

Left In: 50.165 $\pm$ 9.235 χ^2 /NDF:0.0/0

Left: 84.878 $\pm$ 4.953 χ^2 /NDF: 19.8/1

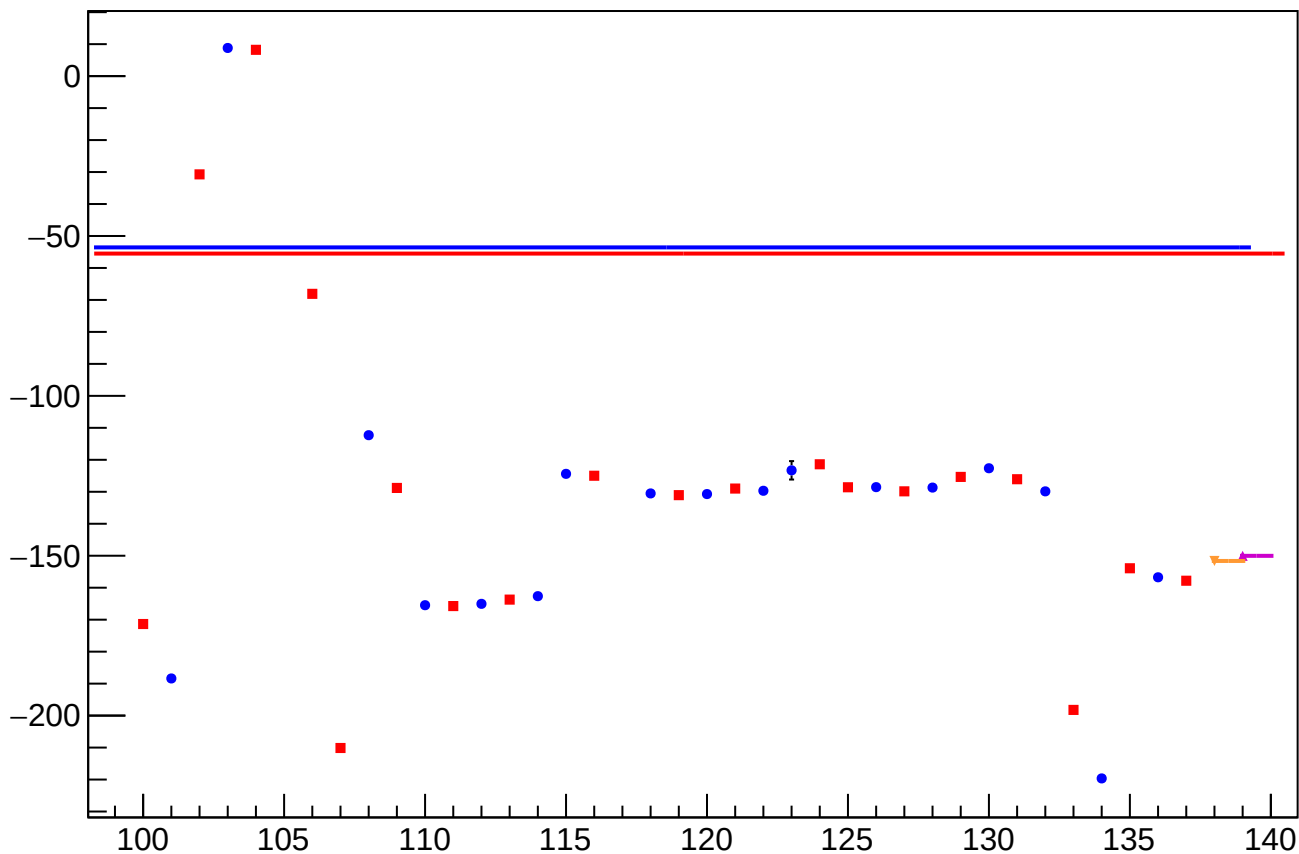
Right: 56.420 $\pm$ 1.174 χ^2 /NDF: 1405.7/35

In: 62.170 $\pm$ 1.651 χ^2 /NDF:724.1/17

Out: 54.043 $\pm$ 1.583 χ^2 /NDF:720.0/19

All: 57.934 $\pm$ 1.142 χ^2 /NDF: 1456.8/37

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: -150.034 $\pm$ 0.203 χ^2 /NDF: 0.0/0

Left: -150.765 $\pm$ 0.150 χ^2 /NDF: 28.4/1

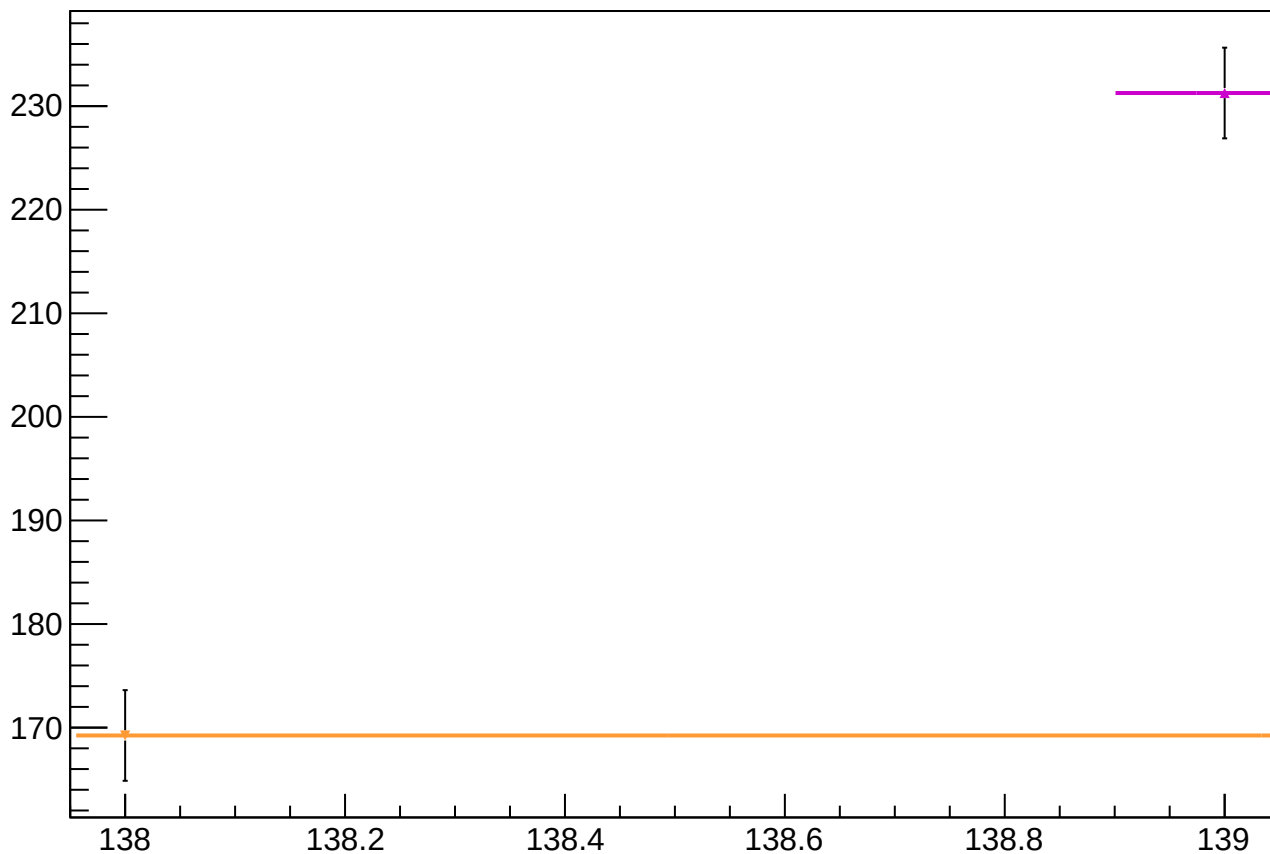
Right: -54.512 $\pm$ 0.050 χ^2 /NDF: 2200235.7/35

In: -63.880 $\pm$ 0.066 χ^2 /NDF: 1431686.1/17

Out: -64.658 $\pm$ 0.068 χ^2 /NDF: 1139859.5/19

All: -64.257 $\pm$ 0.048 χ^2 /NDF: 2571612.1/37

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: 231.267+/-4.378 χ^2/NDF : 0.0/0

Left: 200.240+/-3.095 χ^2/NDF : 100.4/1

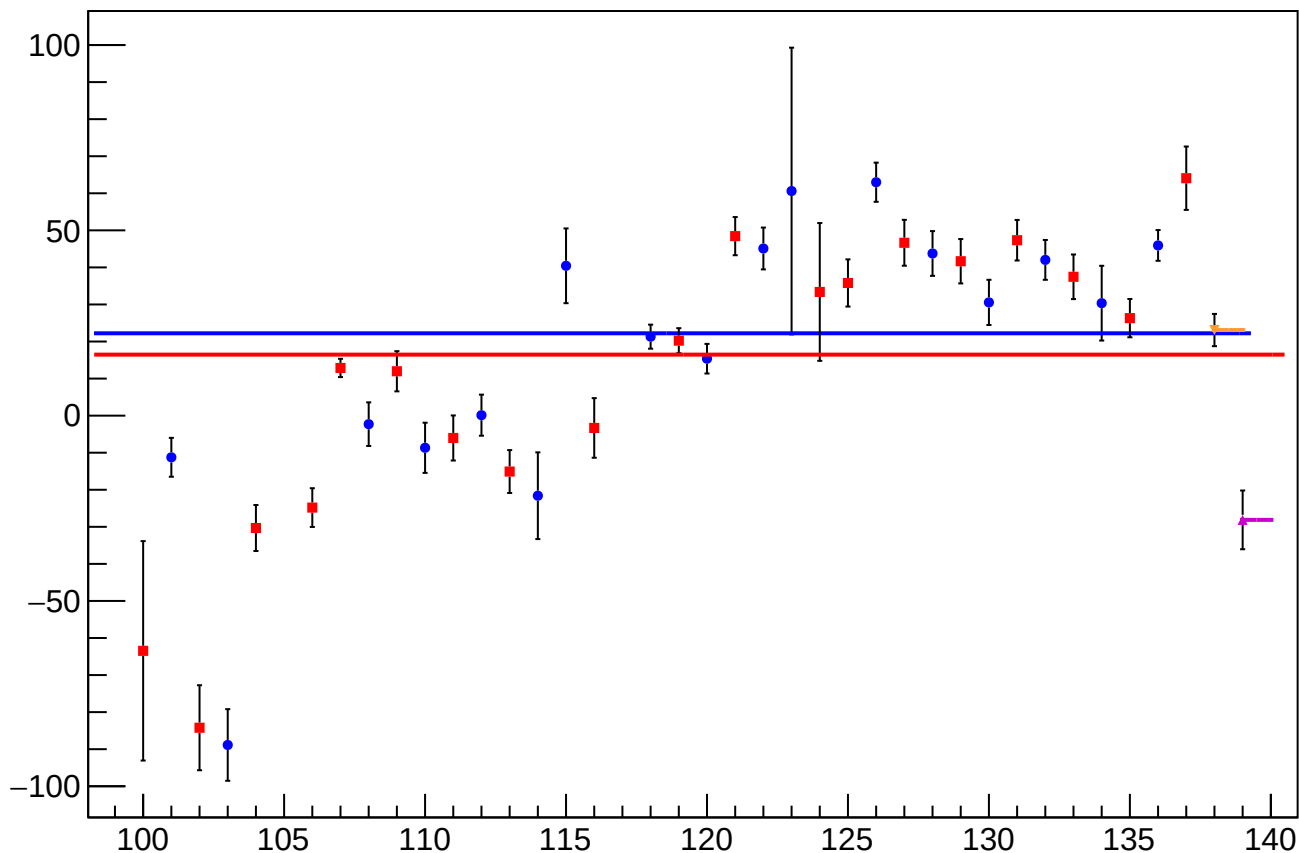
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.267+/-4.378 χ^2/NDF : 0.0/0

Out: 169.242+/-4.376 χ^2/NDF : 0.0/0

All: 200.240+/-3.095 χ^2/NDF : 100.4/1

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: -28.128 $\pm$ 7.924 χ^2 /NDF:0.0/0

Left: 11.239 $\pm$ 3.813 χ^2 /NDF: 32.1/1

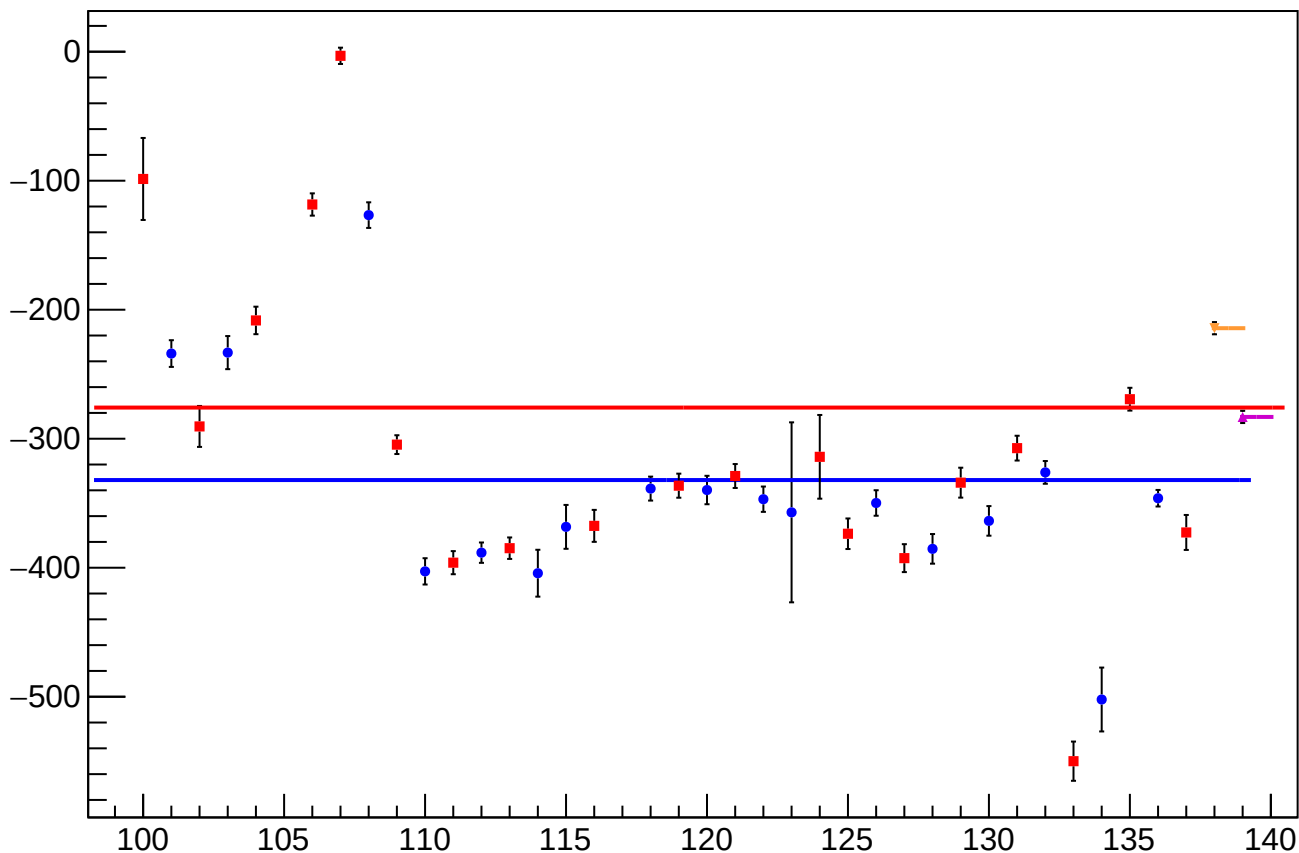
Right: 19.025 $\pm$ 0.916 χ^2 /NDF: 821.2/35

In: 20.752 $\pm$ 1.354 χ^2 /NDF:424.8/17

Out: 16.956 $\pm$ 1.183 χ^2 /NDF:428.0/19

All: 18.600 $\pm$ 0.891 χ^2 /NDF: 857.3/37

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: -283.108+/-4.737 χ^2/NDF : 0.0/0

Left: -248.771+/-3.352 χ^2/NDF : 105.3/1

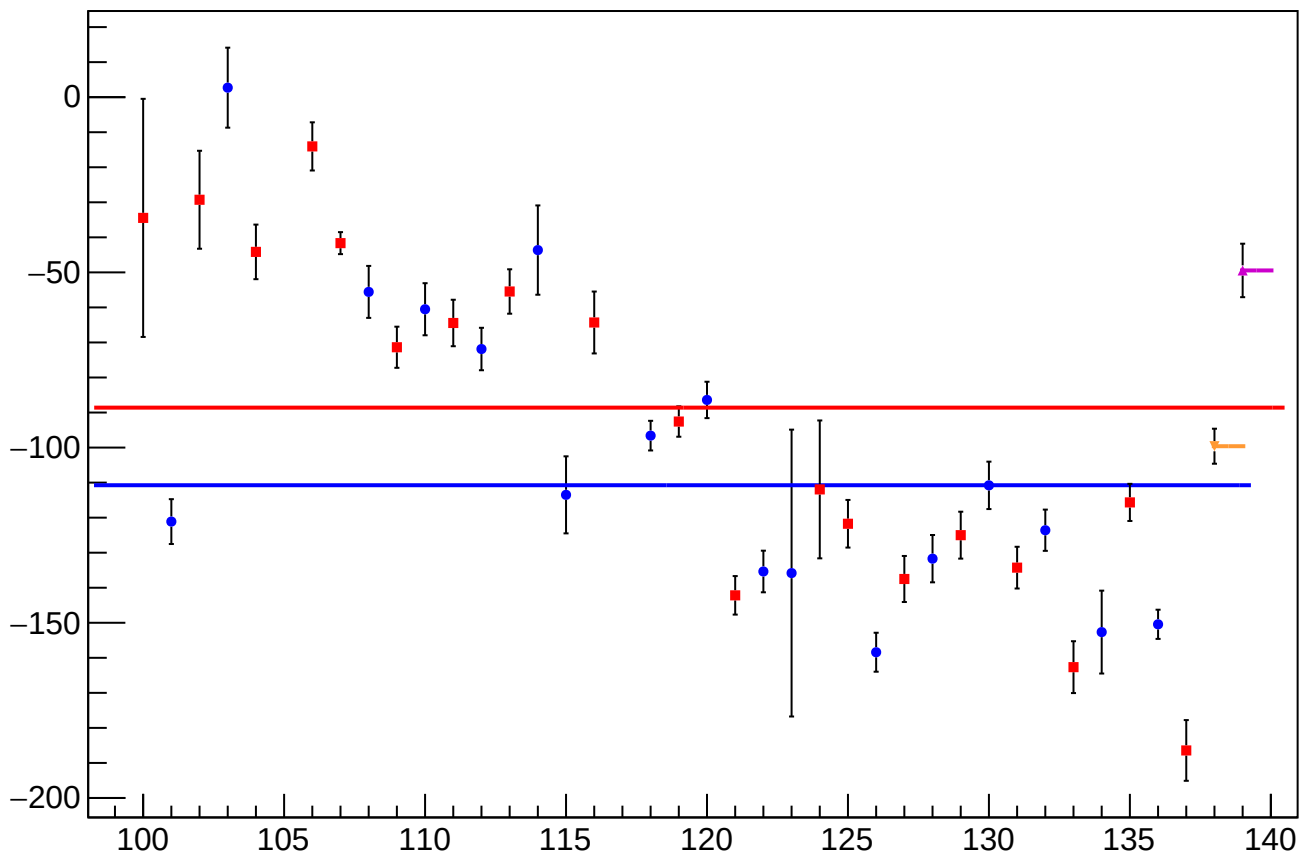
Right: -301.220+/-1.721 χ^2/NDF : 4411.6/35

In: -320.963+/-2.253 χ^2/NDF : 867.5/17

Out: -263.943+/-2.087 χ^2/NDF : 3498.5/19

All: -290.274+/-1.531 χ^2/NDF : 4710.6/37

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: -49.448 ± 7.631 χ^2/NDF : 0.0/0

Left: -84.564 ± 4.180 χ^2/NDF : 30.2/1

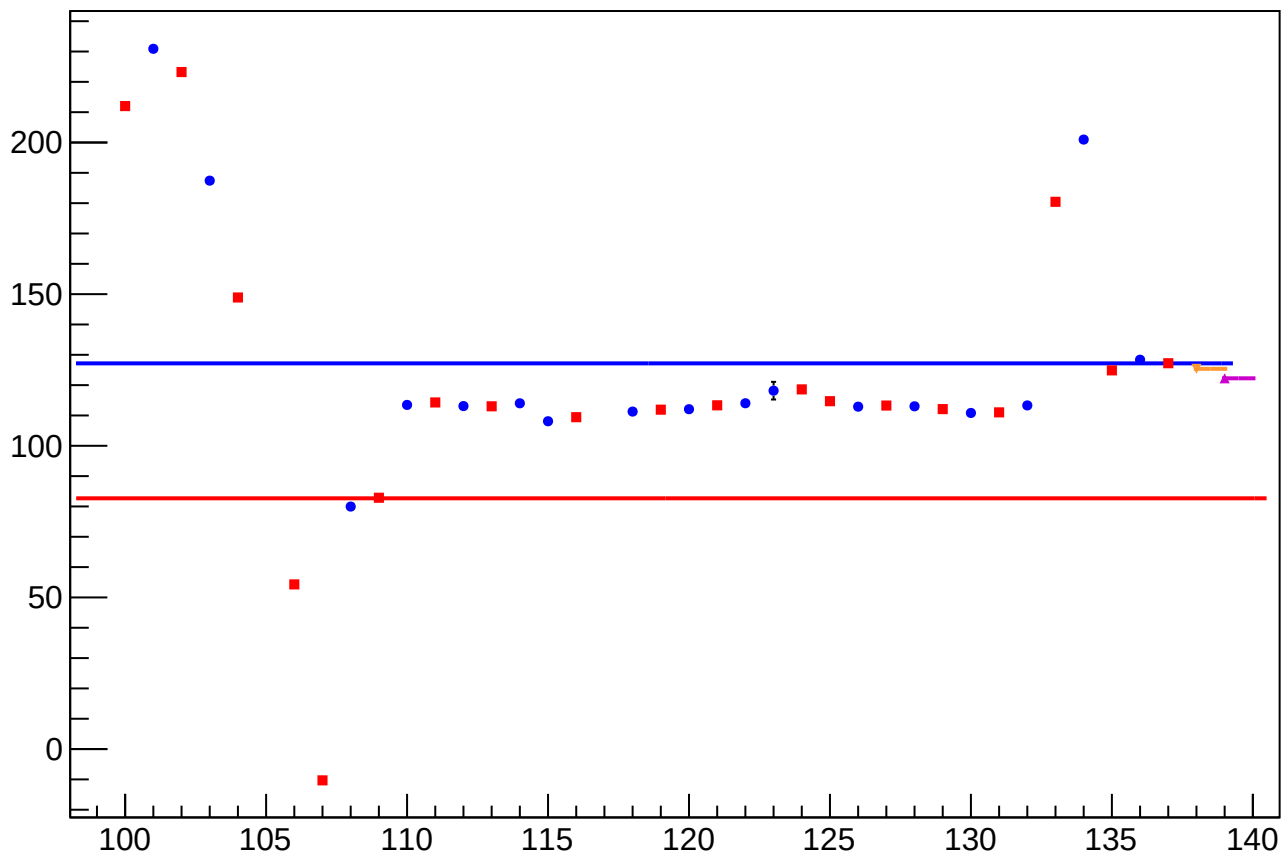
Right: -98.623 ± 1.061 χ^2/NDF : 1591.0/35

In: -108.232 ± 1.545 χ^2/NDF : 575.3/17

Out: -89.439 ± 1.379 χ^2/NDF : 974.2/19

All: -97.771 ± 1.029 χ^2/NDF : 1631.9/37

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: 122.254 $\pm$ 0.168 χ^2 /NDF: 0.0/0

Left: 123.638 $\pm$ 0.125 χ^2 /NDF: 153.7/1

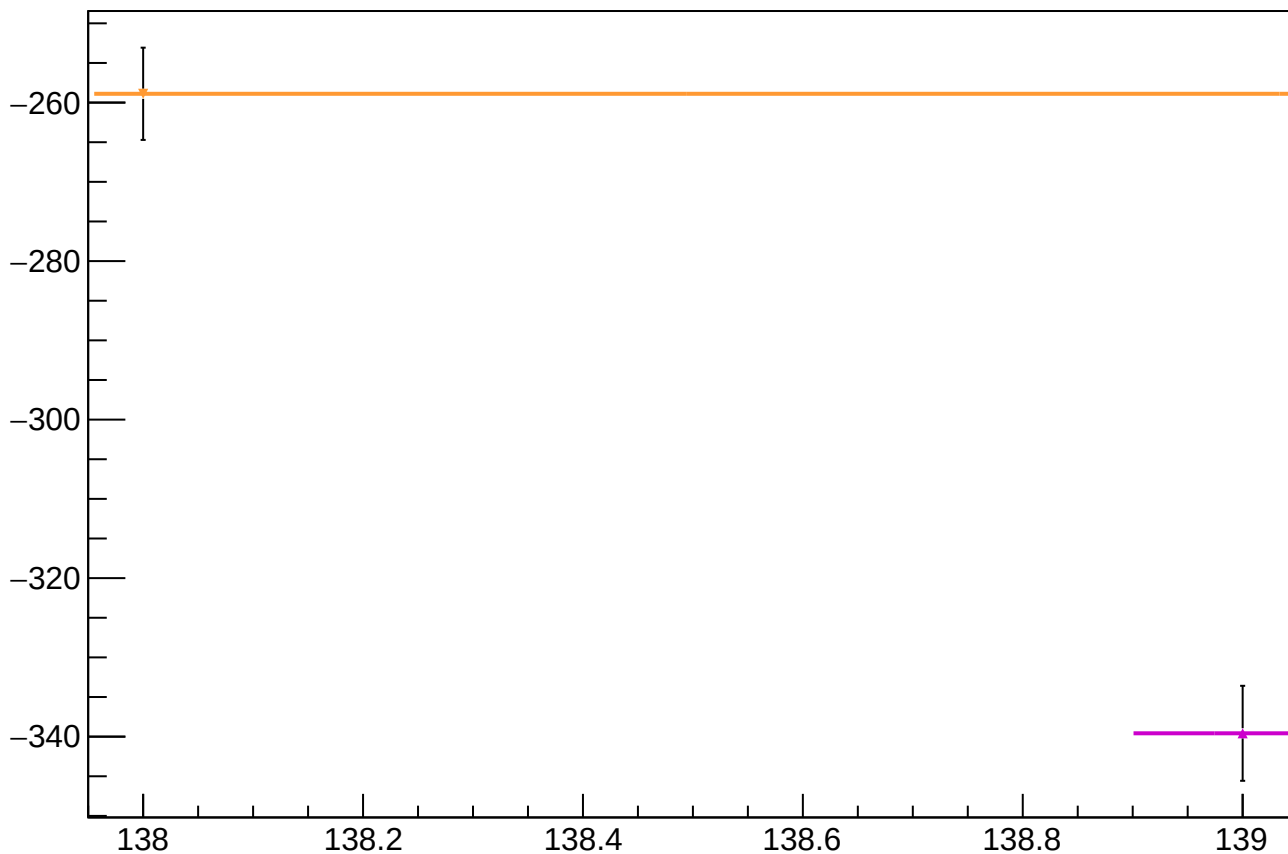
Right: 101.242 $\pm$ 0.057 χ^2 /NDF: 1099401.9/35

In: 126.097 $\pm$ 0.079 χ^2 /NDF: 188723.3/17

Out: 88.585 $\pm$ 0.070 χ^2 /NDF: 810151.3/19

All: 105.143 $\pm$ 0.052 χ^2 /NDF: 1125986.8/37

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: -339.578+/-5.993 χ^2/NDF : 0.0/0

Left: -298.050+/-4.175 χ^2/NDF : 93.3/1

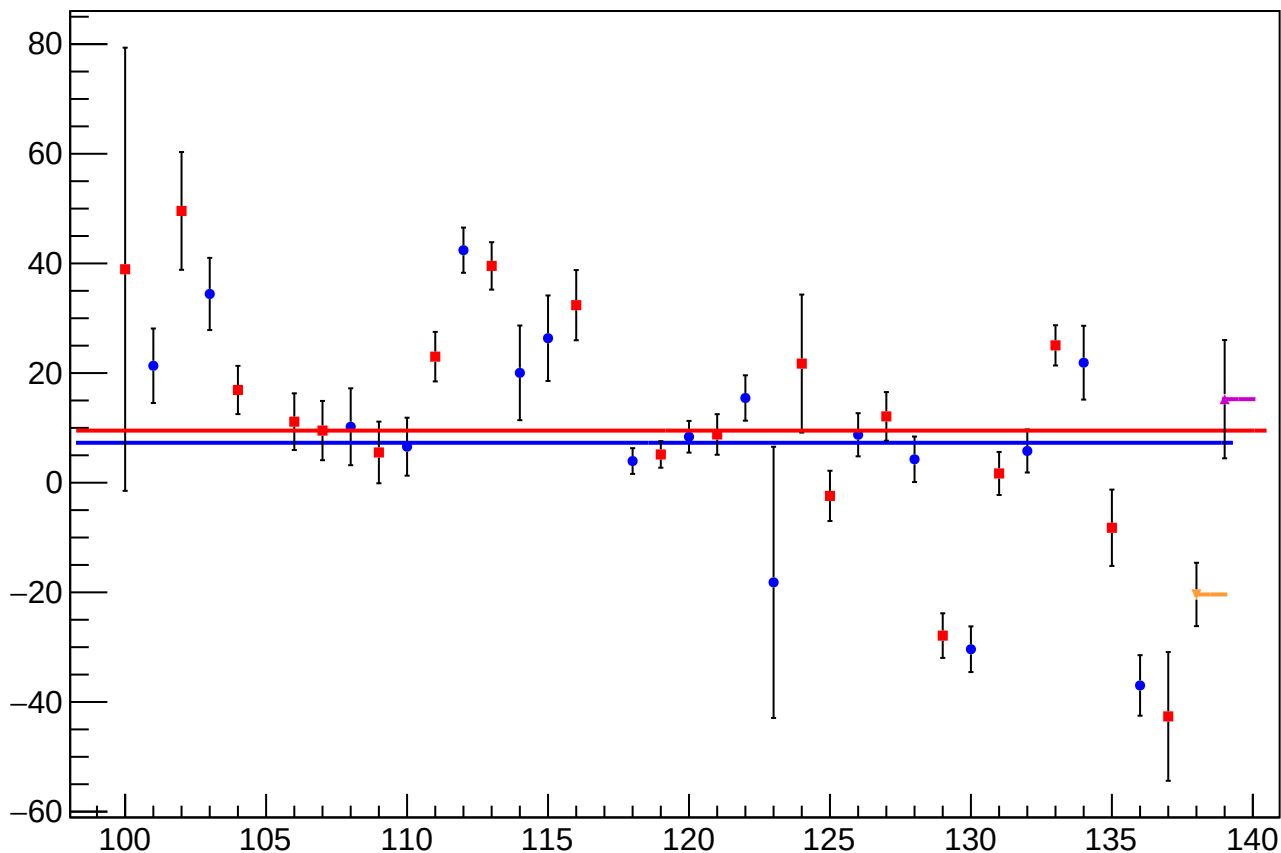
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -339.578+/-5.993 χ^2/NDF : 0.0/0

Out: -258.891+/-5.819 χ^2/NDF : 0.0/0

All: -298.050+/-4.175 χ^2/NDF : 93.3/1

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: 15.238+/-10.788 χ^2/NDF : 0.0/0

Left: -12.436+/-5.096 χ^2/NDF : 8.5/1

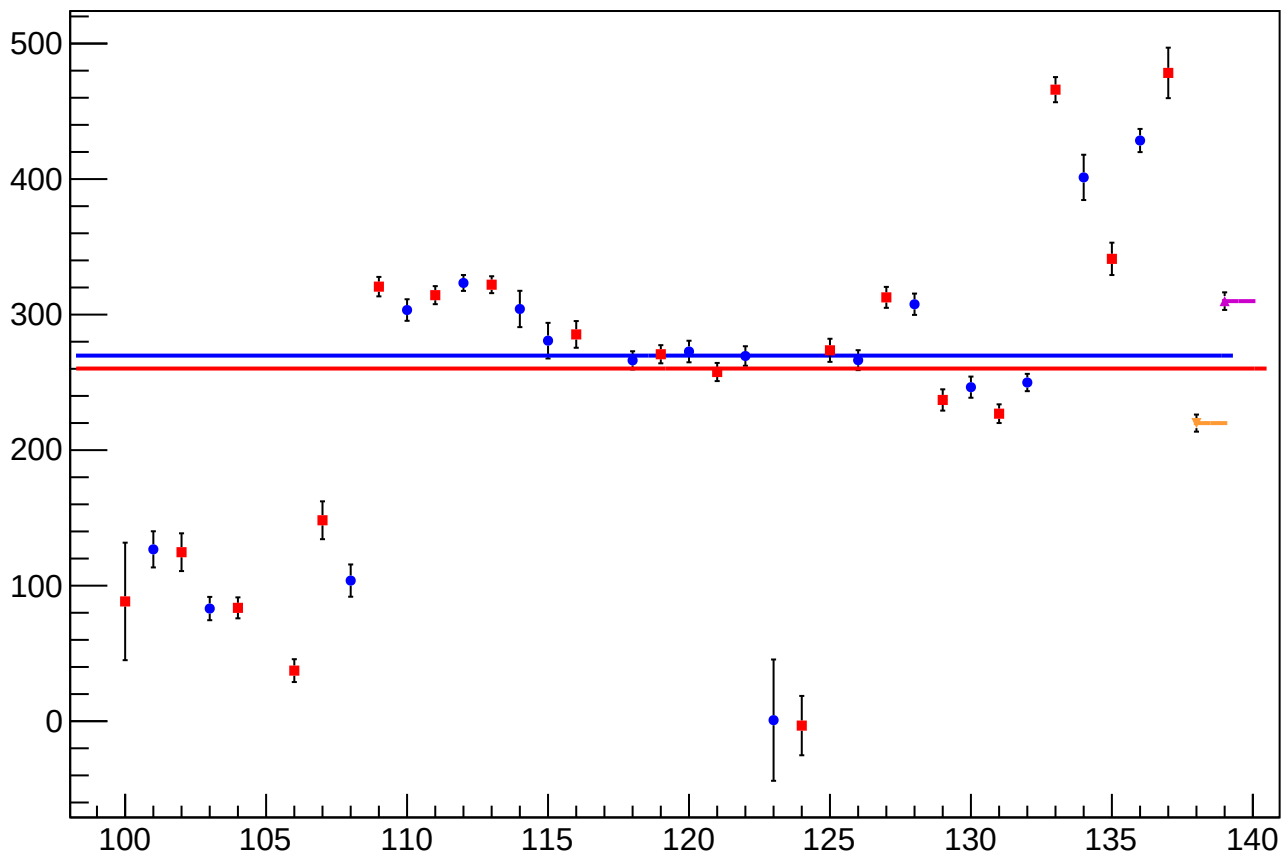
Right: 8.404+/-0.763 χ^2/NDF : 494.7/35

In: 7.364+/-1.078 χ^2/NDF : 261.6/17

Out: 8.507+/-1.056 χ^2/NDF : 257.4/19

All: 7.947+/-0.755 χ^2/NDF : 519.5/37

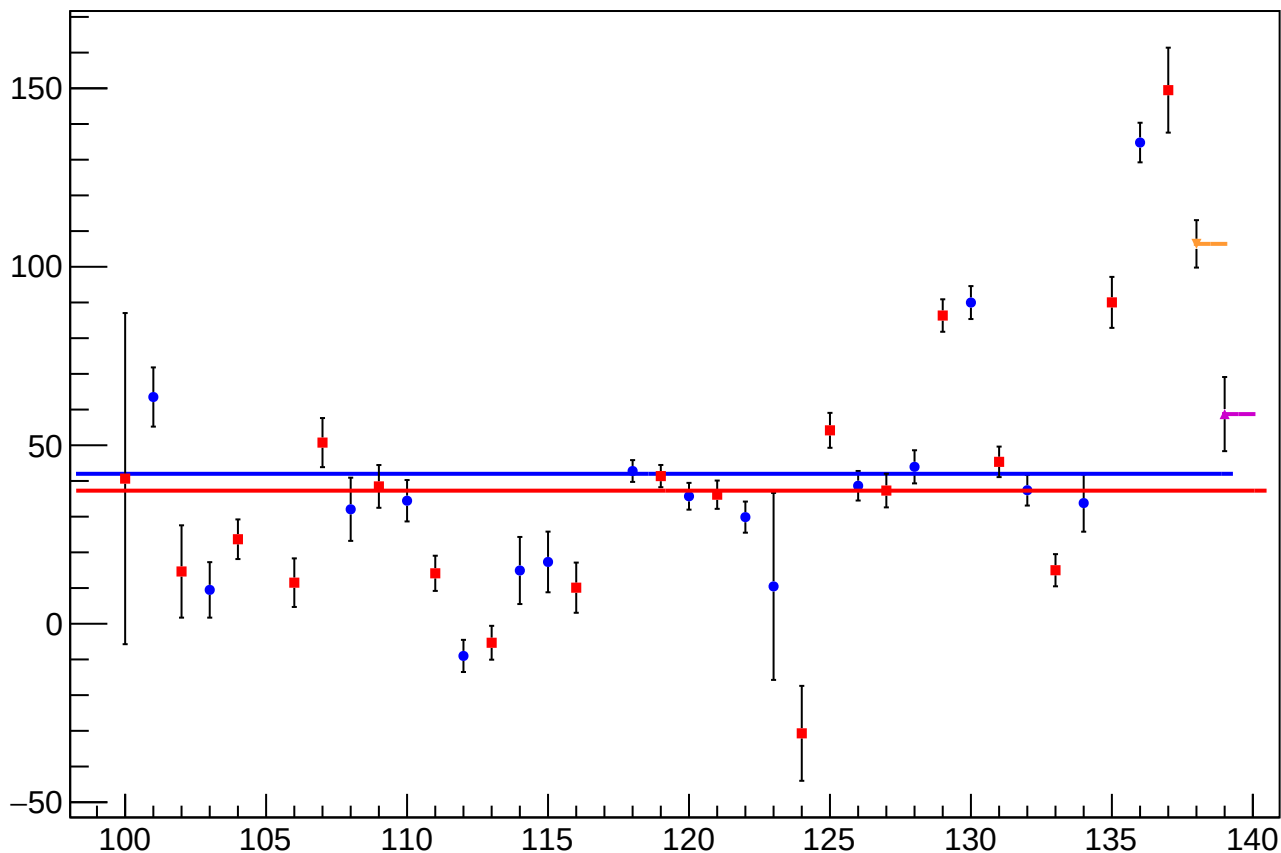
reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16
 Left Out: 219.939 $\pm$ 6.308 χ^2 /NDF:0.0/0
 Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18
 Left In: 309.944 $\pm$ 6.490 χ^2 /NDF:0.0/0

Left: 263.665 $\pm$ 4.524 χ^2 /NDF: 98.9/1
 Right: 264.757 $\pm$ 1.430 χ^2 /NDF: 3926.7/35
 In: 273.464 $\pm$ 1.973 χ^2 /NDF:1408.9/17
 Out: 256.602 $\pm$ 1.887 χ^2 /NDF:2578.7/19
 All: 264.657 $\pm$ 1.364 χ^2 /NDF: 4025.7/37

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: 58.735+/-10.384 χ^2/NDF : 0.0/0

Left: 92.565+/-5.597 χ^2/NDF : 15.0/1

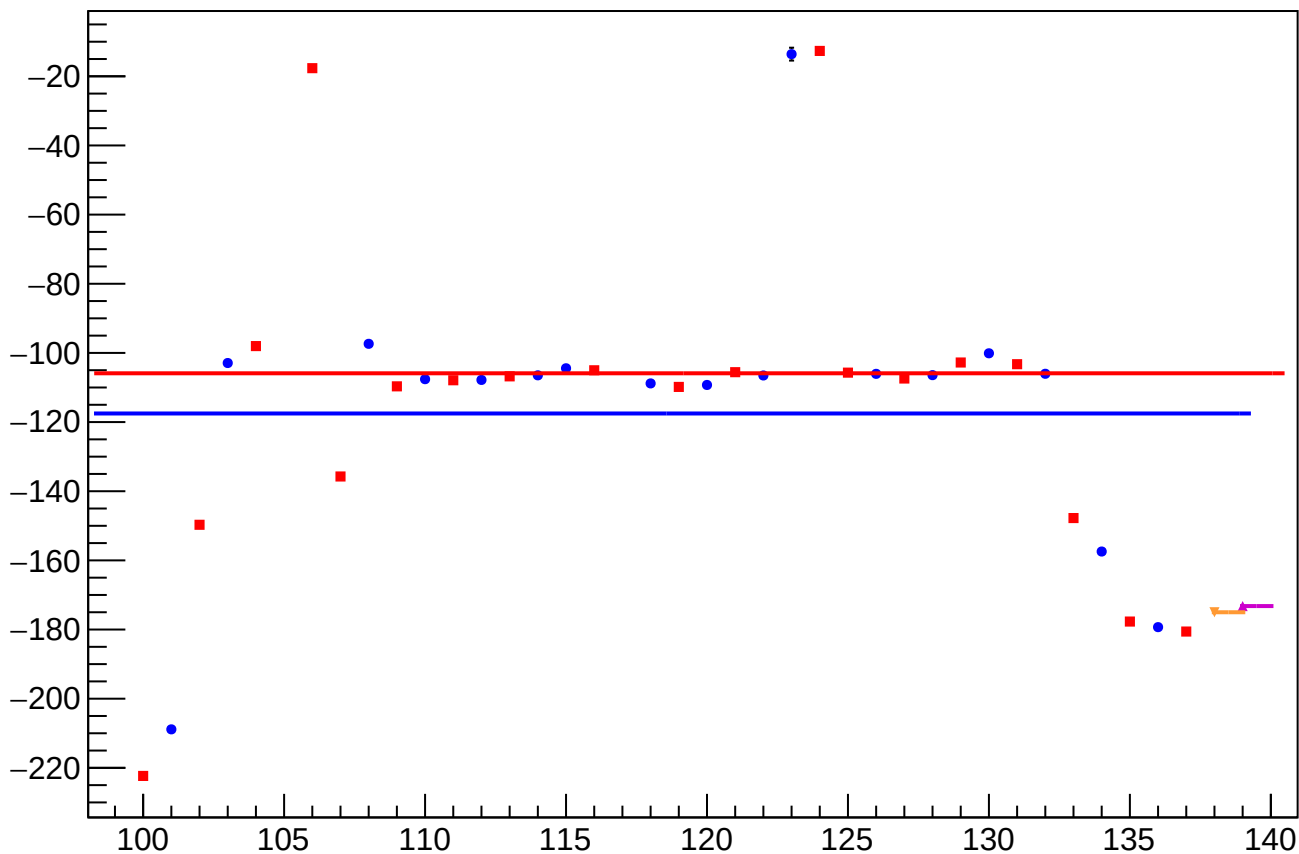
Right: 39.611+/-0.881 χ^2/NDF : 1055.4/35

In: 42.247+/-1.246 χ^2/NDF : 578.1/17

Out: 39.600+/-1.216 χ^2/NDF : 577.2/19

All: 40.891+/-0.870 χ^2/NDF : 1157.7/37

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: -173.214 ± 0.228 $\chi^2/\text{NDF}: 0.0/0$

Left: -174.027 ± 0.169 $\chi^2/\text{NDF}: 27.9/1$

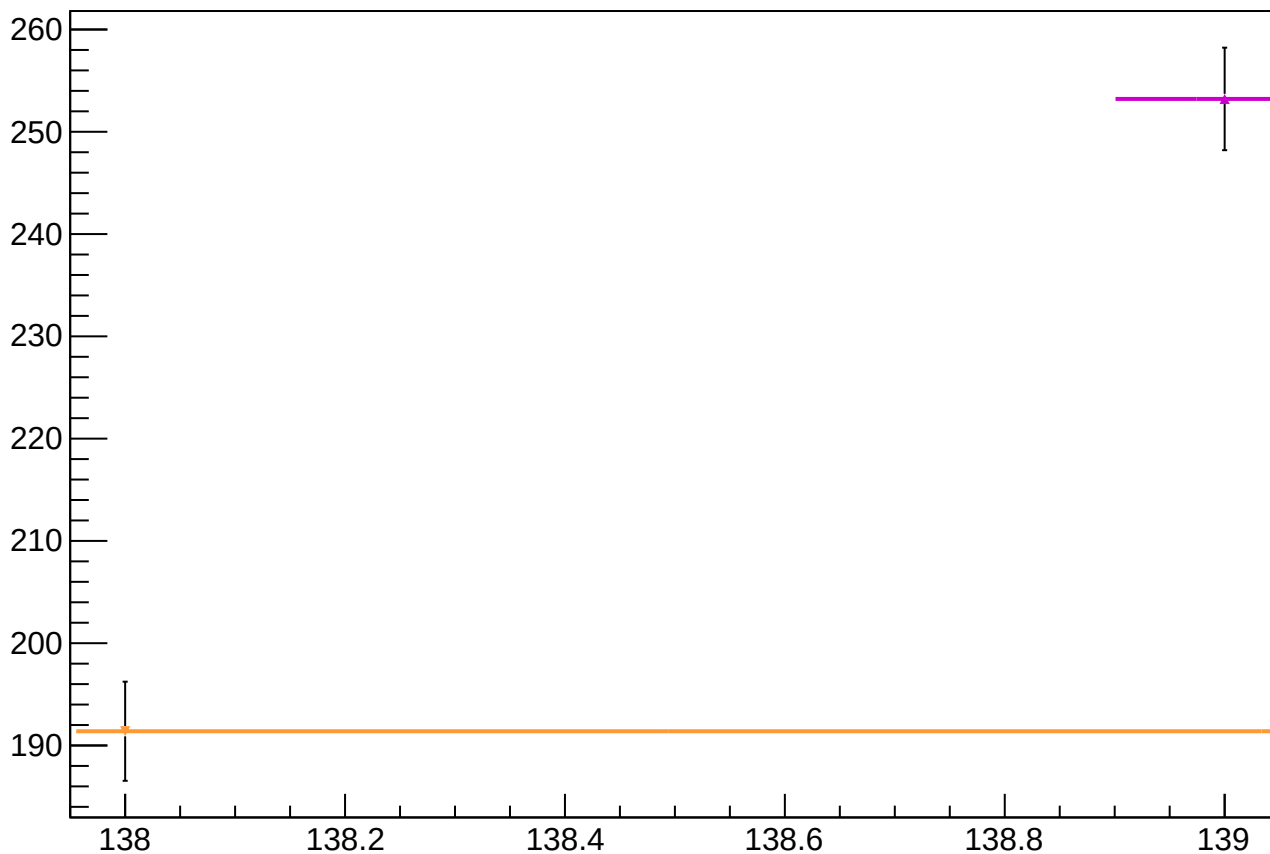
Right: -111.303 ± 0.053 $\chi^2/\text{NDF}: 478188.8/35$

In: -123.339 ± 0.074 $\chi^2/\text{NDF}: 195324.2/17$

Out: -111.285 ± 0.070 $\chi^2/\text{NDF}: 394625.2/19$

All: -116.984 ± 0.051 $\chi^2/\text{NDF}: 604009.2/37$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 191.392+/-4.845 χ^2/NDF : 0.0/0

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

Left In: 253.213+/-5.011 χ^2/NDF : 0.0/0

Left: 221.264+/-3.483 χ^2/NDF : 78.7/1

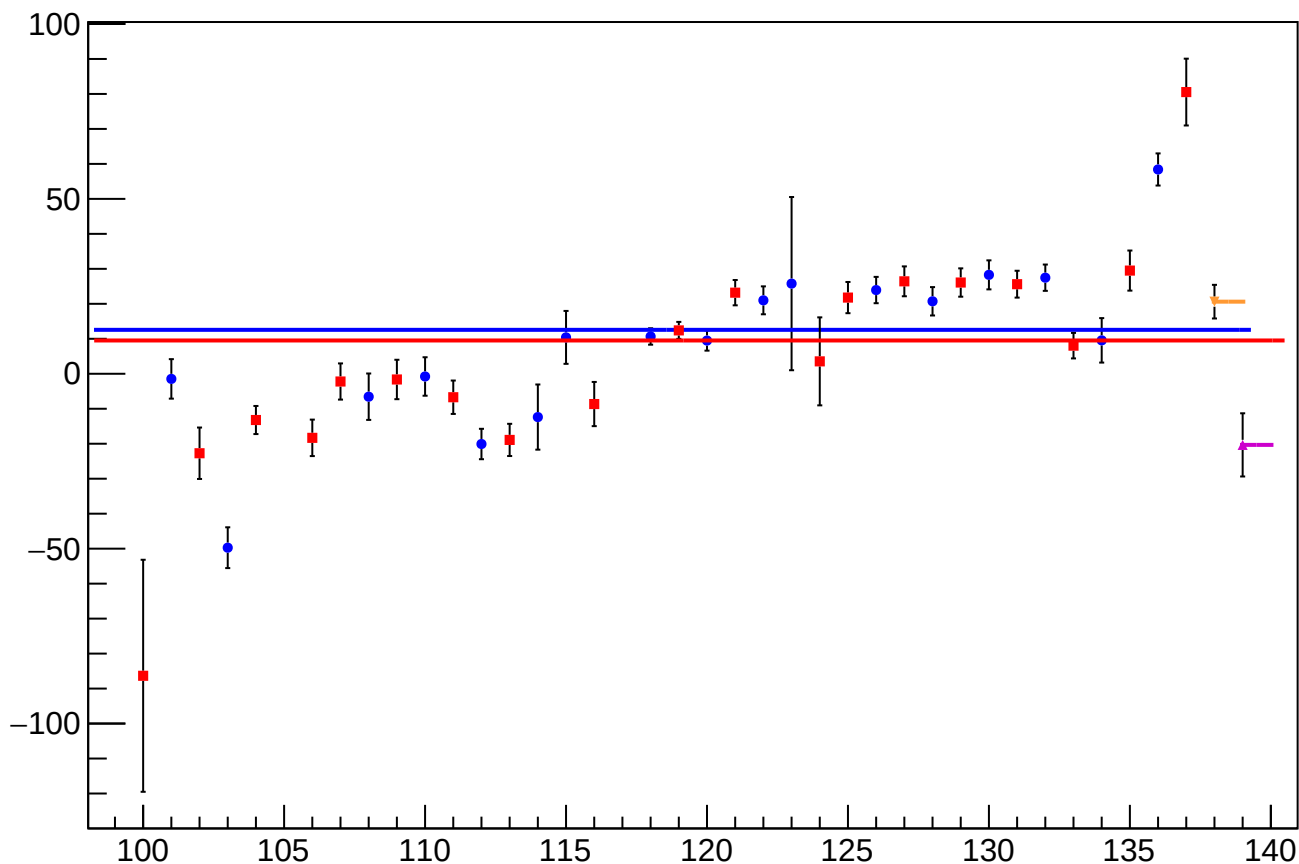
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.213+/-5.011 χ^2/NDF : 0.0/0

Out: 191.392+/-4.845 χ^2/NDF : 0.0/0

All: 221.264+/-3.483 χ^2/NDF : 78.7/1

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: -20.332+/-9.033 χ^2/NDF : 0.0/0

Left: 11.571+/-4.245 χ^2/NDF : 16.0/1

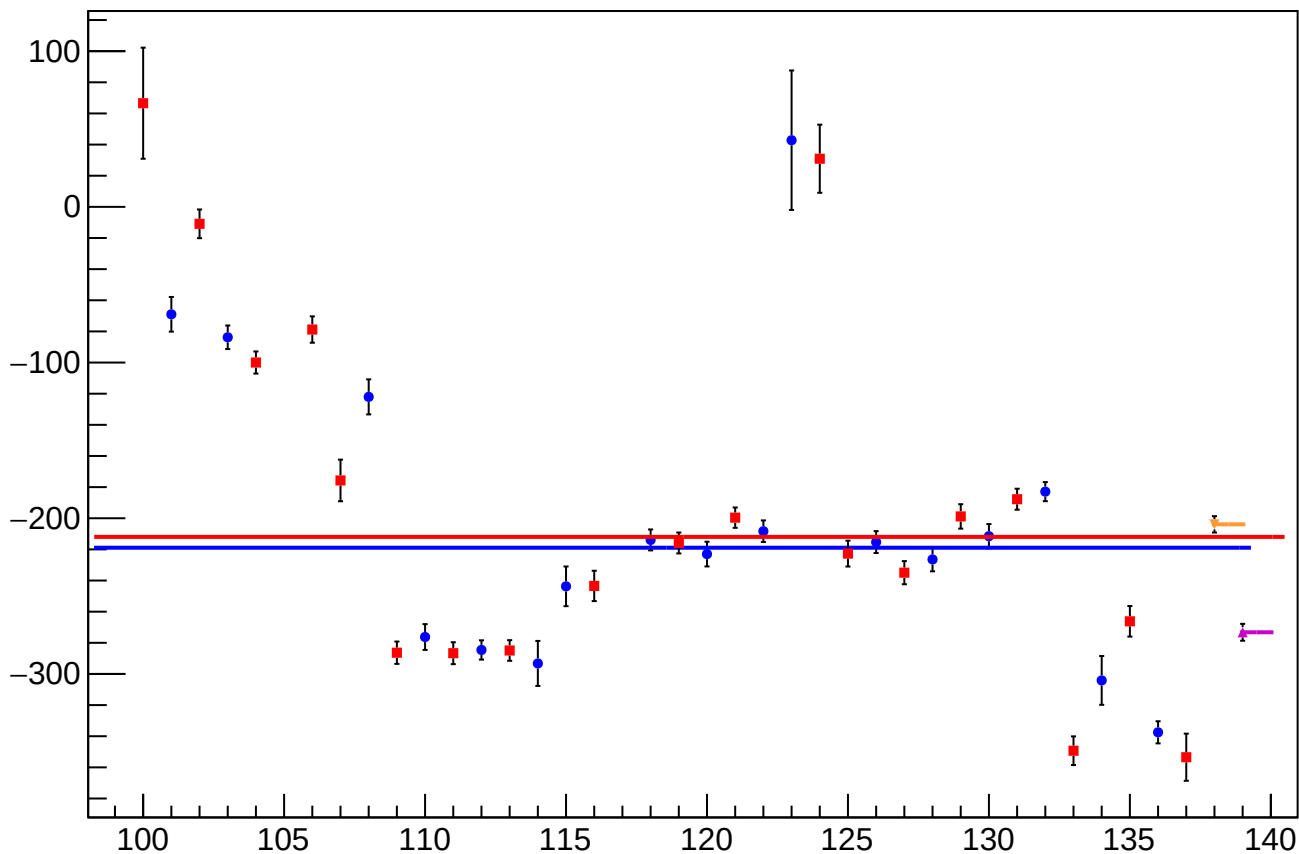
Right: 11.033+/-0.745 χ^2/NDF : 648.2/35

In: 12.118+/-1.048 χ^2/NDF : 360.8/17

Out: 10.024+/-1.026 χ^2/NDF : 301.3/19

All: 11.049+/-0.733 χ^2/NDF : 664.2/37

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: -273.248 ± 5.425 χ^2/NDF : 0.0/0

Left: -237.456 ± 3.774 χ^2/NDF : 84.3/1

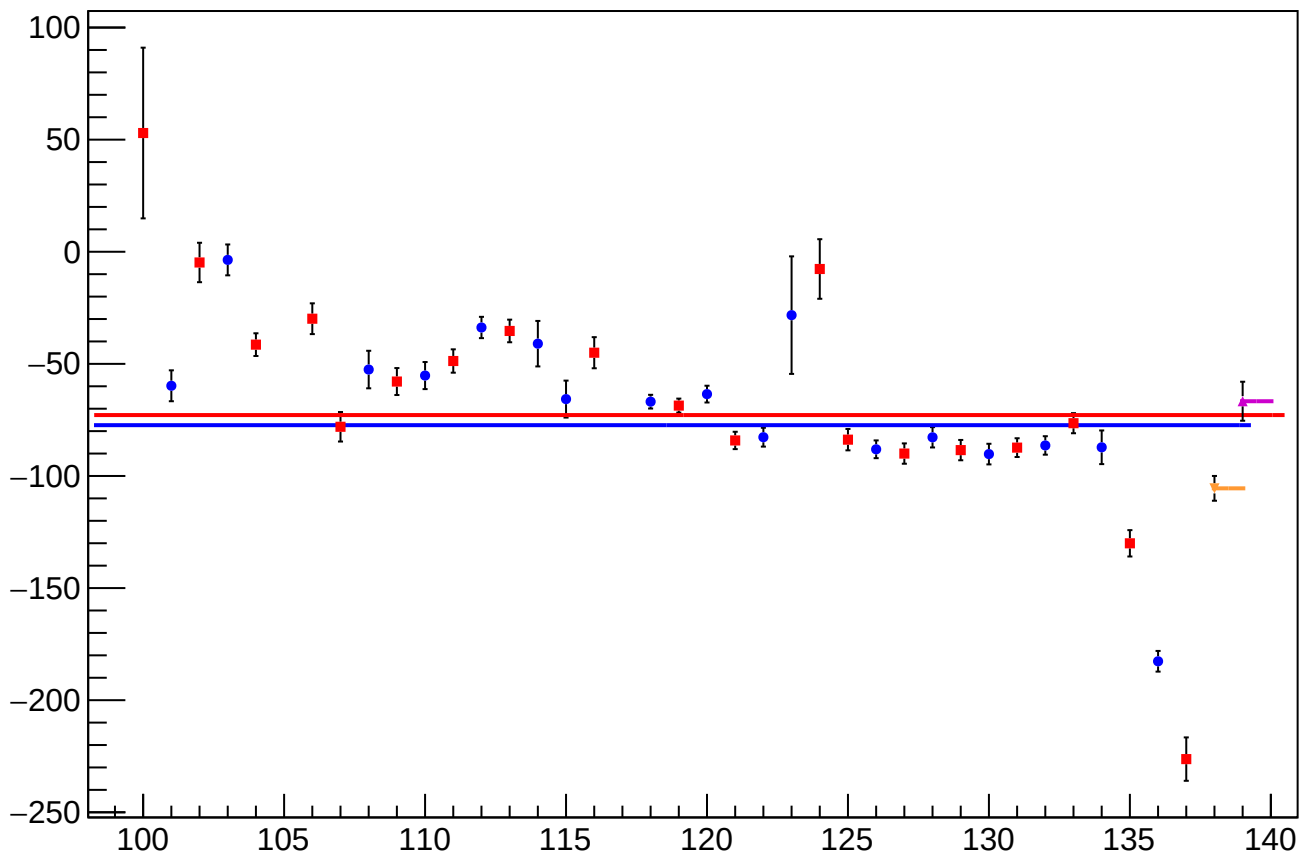
Right: -215.302 ± 1.389 χ^2/NDF : 3039.1/35

In: -225.458 ± 1.881 χ^2/NDF : 1234.8/17

Out: -211.014 ± 1.807 χ^2/NDF : 1888.3/19

All: -217.944 ± 1.303 χ^2/NDF : 3153.7/37

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: -66.666 $\pm$ 8.696 χ^2 /NDF:0.0/0

Left: -94.338 $\pm$ 4.665 χ^2 /NDF: 14.2/1

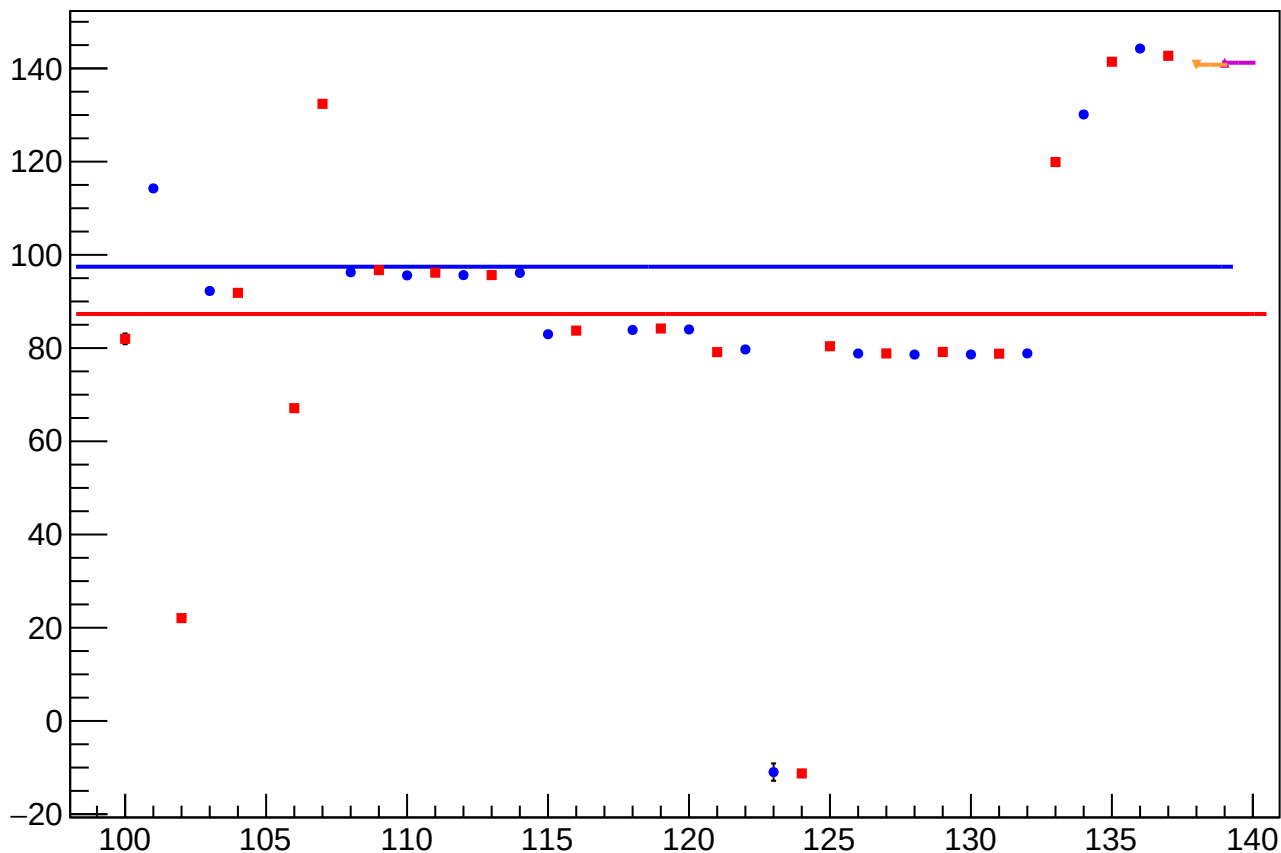
Right: -75.069 $\pm$ 0.858 χ^2 /NDF: 1497.0/35

In: -77.136 $\pm$ 1.208 χ^2 /NDF:818.7/17

Out: -74.327 $\pm$ 1.181 χ^2 /NDF:706.2/19

All: -75.700 $\pm$ 0.844 χ^2 /NDF: 1527.7/37

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: 141.220+/-0.191 χ^2/NDF : 0.0/0

Left: 141.023+/-0.141 χ^2/NDF : 2.3/1

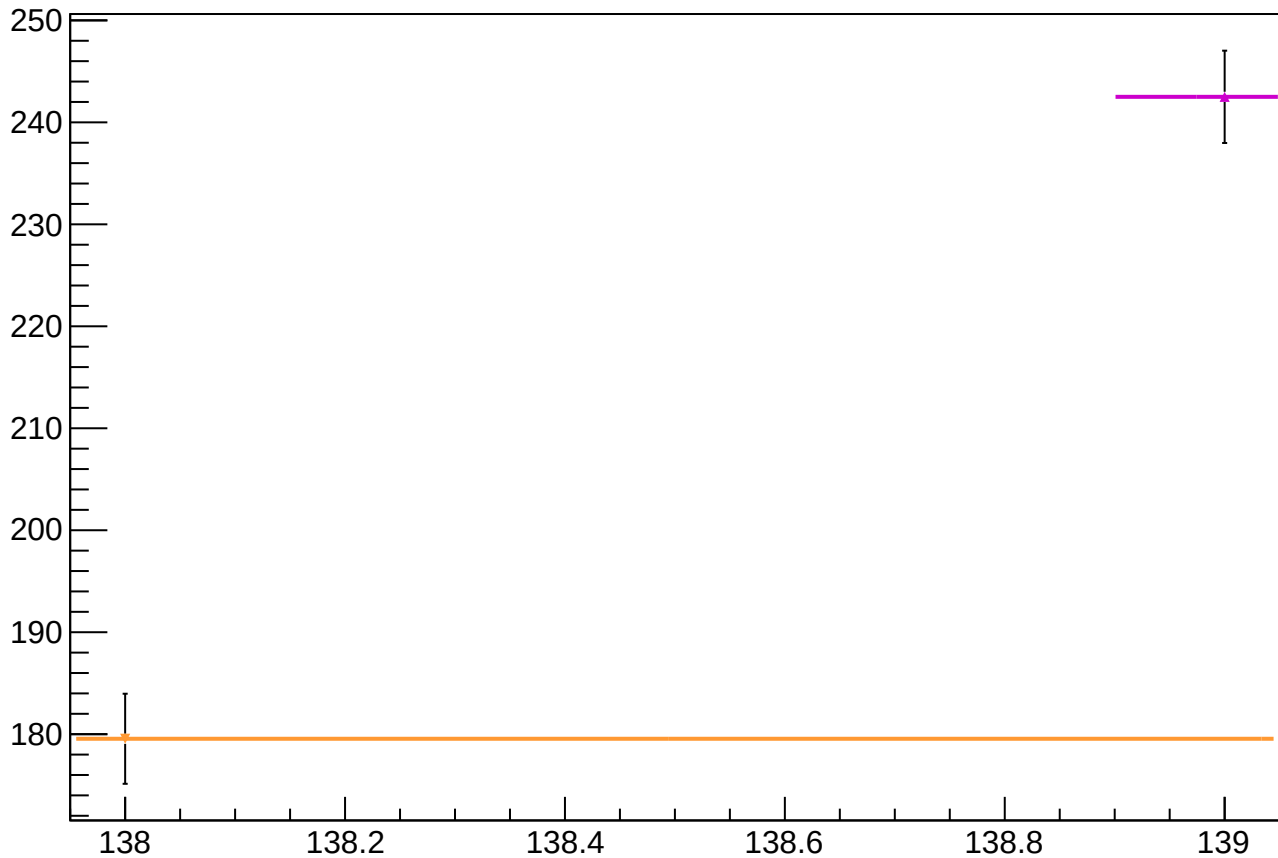
Right: 92.024+/-0.050 χ^2/NDF : 326563.7/35

In: 103.058+/-0.068 χ^2/NDF : 140188.3/17

Out: 92.492+/-0.065 χ^2/NDF : 281279.2/19

All: 97.493+/-0.047 χ^2/NDF : 434031.0/37

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: 242.503+/-4.526 χ^2/NDF : 0.0/0

Left: 210.252+/-3.161 χ^2/NDF : 99.1/1

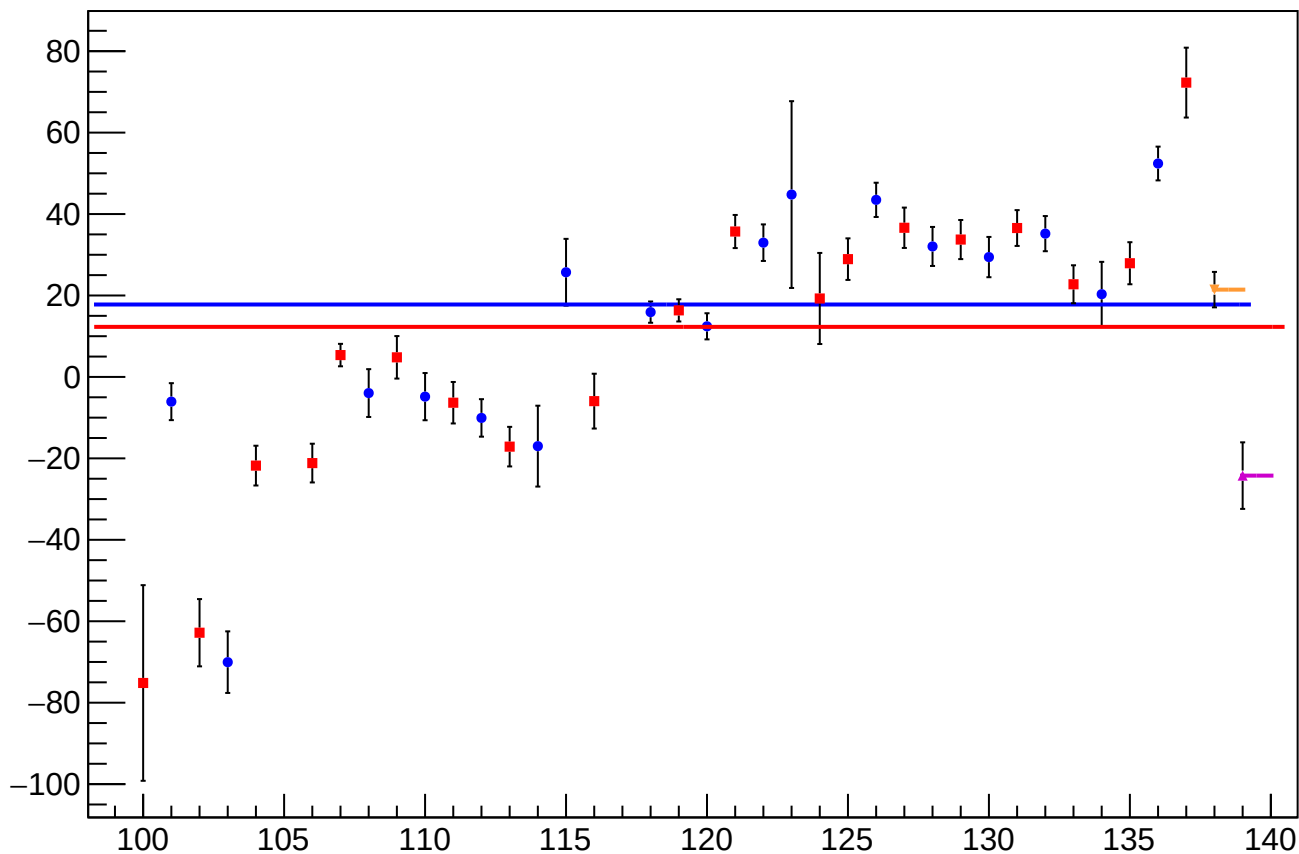
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 242.503+/-4.526 χ^2/NDF : 0.0/0

Out: 179.552+/-4.416 χ^2/NDF : 0.0/0

All: 210.252+/-3.161 χ^2/NDF : 99.1/1

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: -24.236 $\pm$ 8.174 χ^2 /NDF:0.0/0

Left: 11.345 $\pm$ 3.842 χ^2 /NDF: 24.3/1

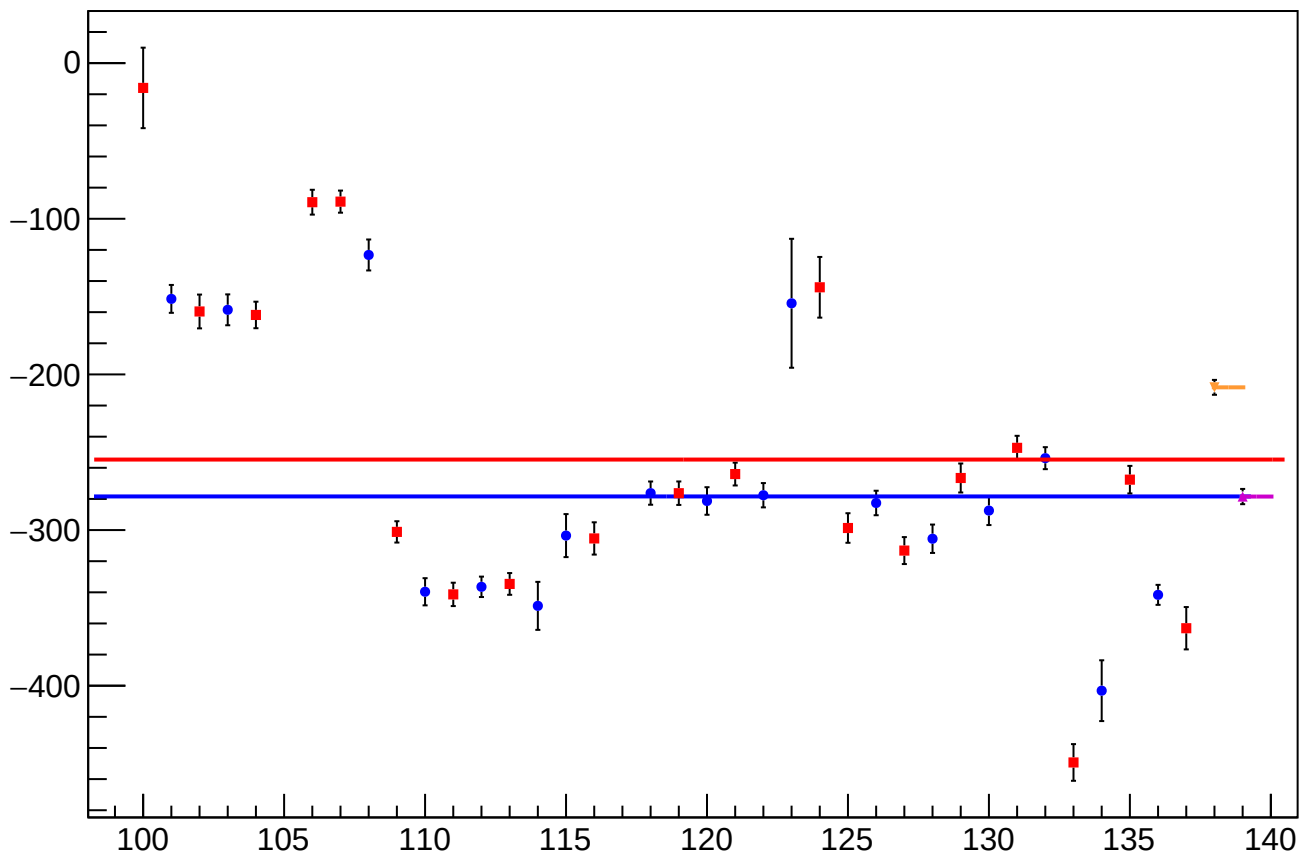
Right: 14.891 $\pm$ 0.788 χ^2 /NDF: 850.9/35

In: 16.976 $\pm$ 1.135 χ^2 /NDF:421.0/17

Out: 12.830 $\pm$ 1.054 χ^2 /NDF:447.9/19

All: 14.748 $\pm$ 0.772 χ^2 /NDF: 876.1/37

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: -278.471 ± 4.899 χ^2/NDF : 0.0/0

Left: -242.578 ± 3.424 χ^2/NDF : 104.9/1

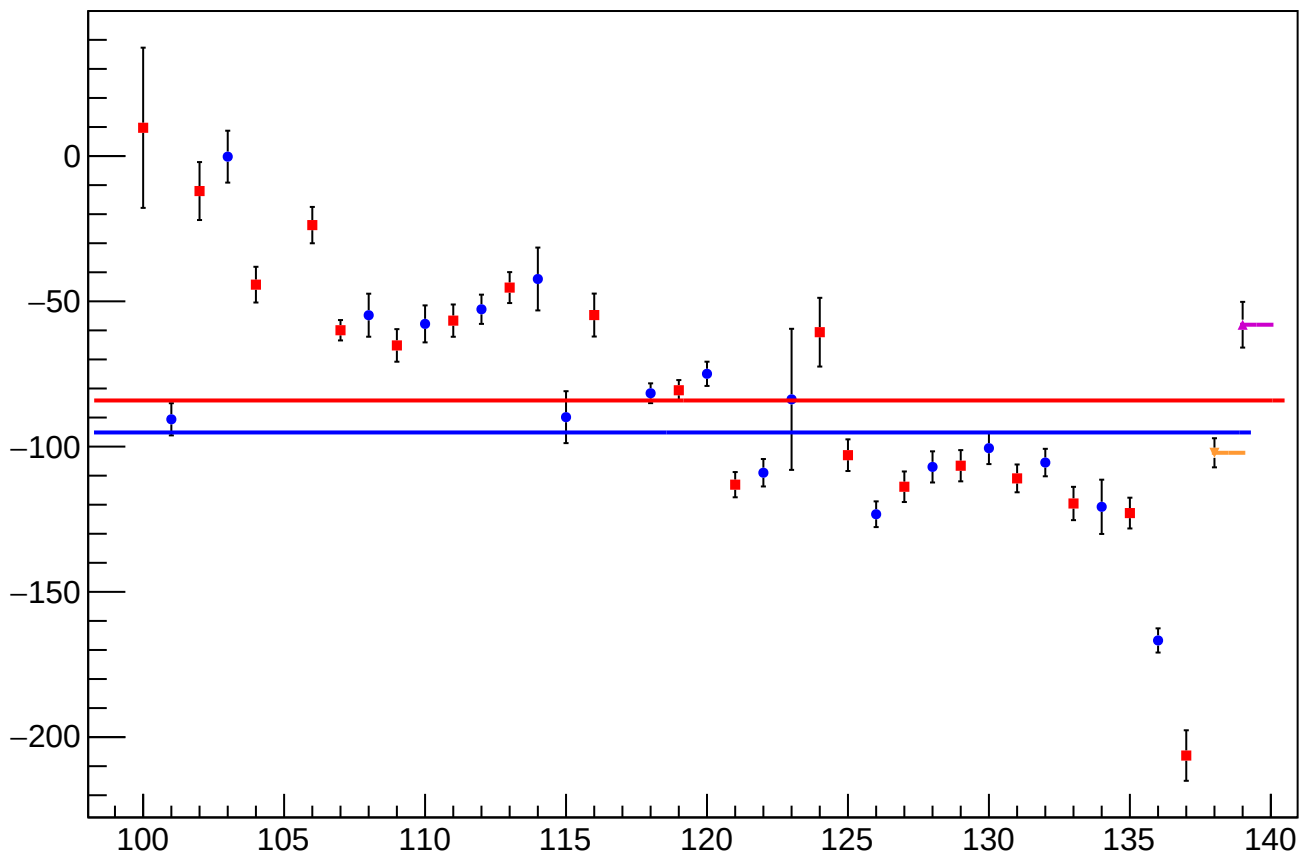
Right: -265.715 ± 1.478 χ^2/NDF : 3013.0/35

In: -278.406 ± 1.982 χ^2/NDF : 910.5/17

Out: -247.690 ± 1.861 χ^2/NDF : 2118.2/19

All: -262.081 ± 1.357 χ^2/NDF : 3156.4/37

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: -58.051 ± 7.870 χ^2/NDF : 0.0/0

Left: -89.409 ± 4.228 χ^2/NDF : 22.3/1

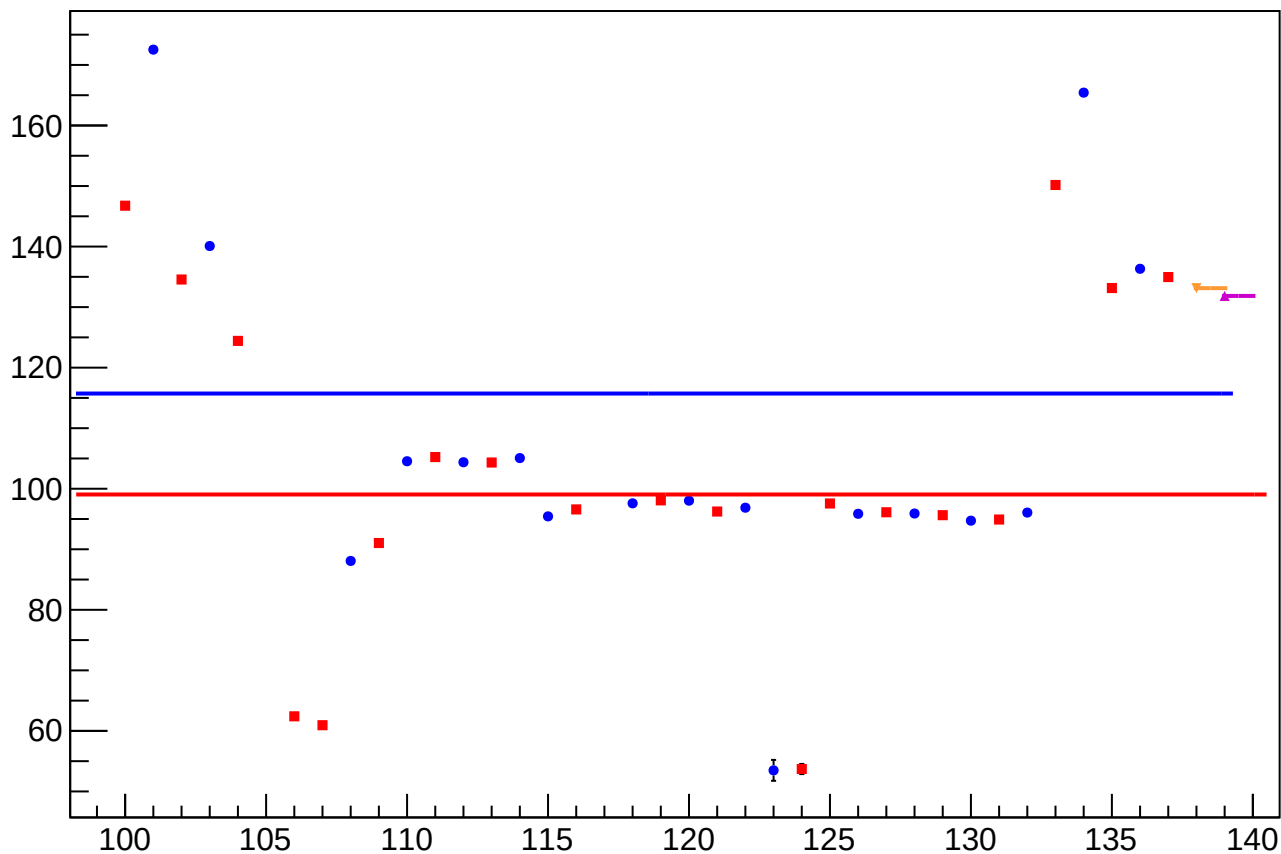
Right: -89.357 ± 0.912 χ^2/NDF : 1494.2/35

In: -94.116 ± 1.304 χ^2/NDF : 696.5/17

Out: -85.192 ± 1.221 χ^2/NDF : 795.0/19

All: -89.360 ± 0.891 χ^2/NDF : 1516.5/37

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: 131.848 $\pm$ 0.173 χ^2 /NDF:0.0/0

Left: 132.428 $\pm$ 0.128 χ^2 /NDF: 24.9/1

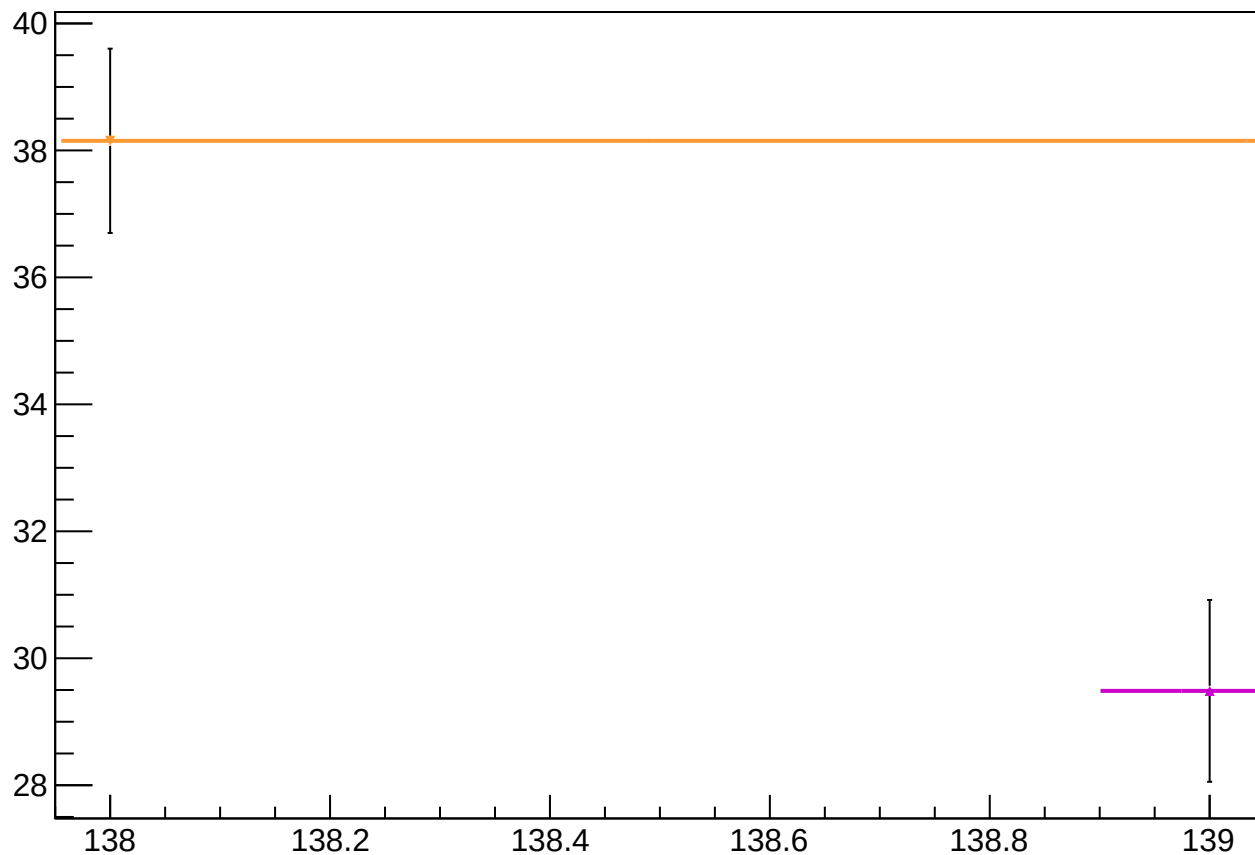
Right: 106.312 $\pm$ 0.051 χ^2 /NDF: 305658.4/35

In: 118.446 $\pm$ 0.071 χ^2 /NDF:113605.8/17

Out: 102.960 $\pm$ 0.064 χ^2 /NDF:201866.4/19

All: 109.946 $\pm$ 0.048 χ^2 /NDF: 341513.0/37

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: 29.486+/-1.432 χ^2/NDF : 0.0/0

Left: 33.760+/-1.019 χ^2/NDF : 18.1/1

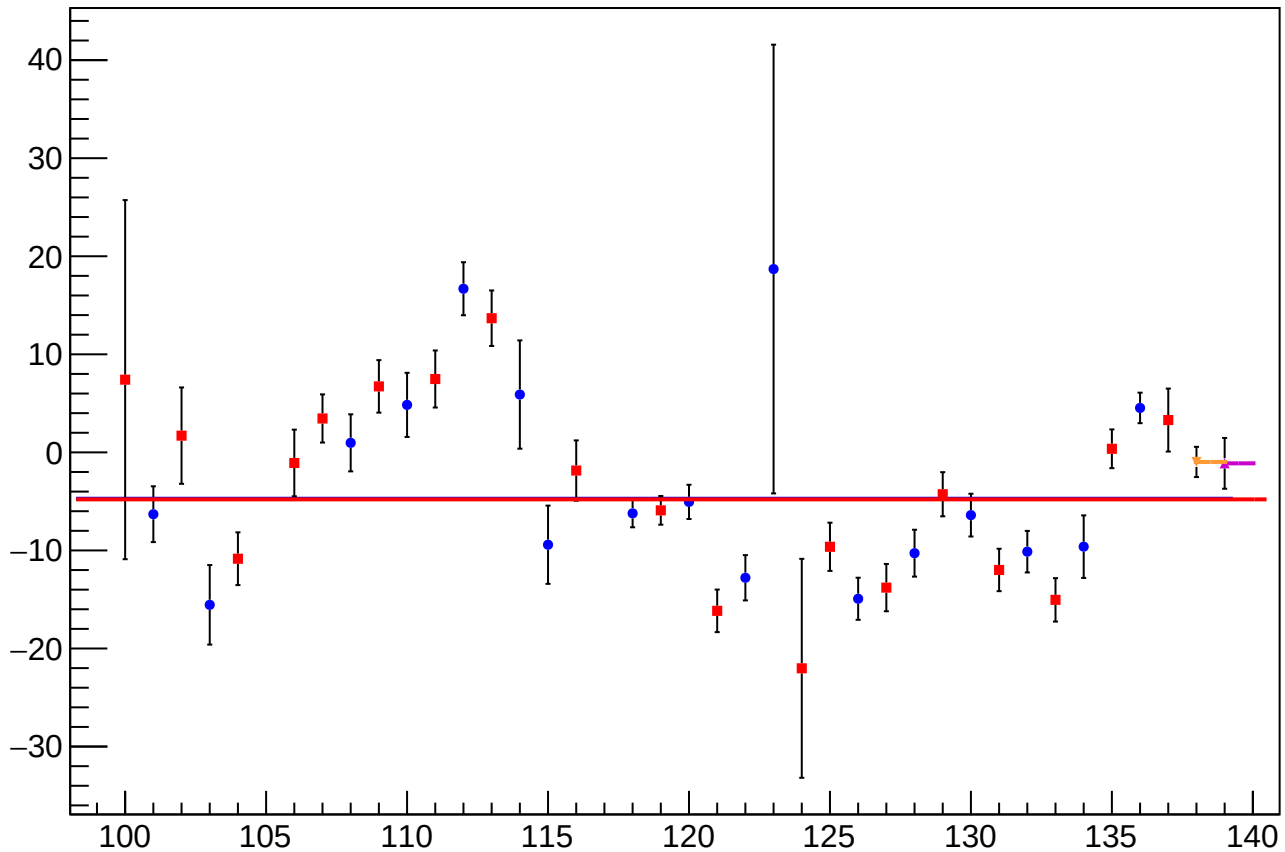
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.486+/-1.432 χ^2/NDF : 0.0/0

Out: 38.151+/-1.452 χ^2/NDF : 0.0/0

All: 33.760+/-1.019 χ^2/NDF : 18.1/1

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.976 ± 1.541 χ^2/NDF : 0.0/0

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

Left In: -1.119 ± 2.590 χ^2/NDF : 0.0/0

Left: -1.014 ± 1.324 χ^2/NDF : 0.0/1

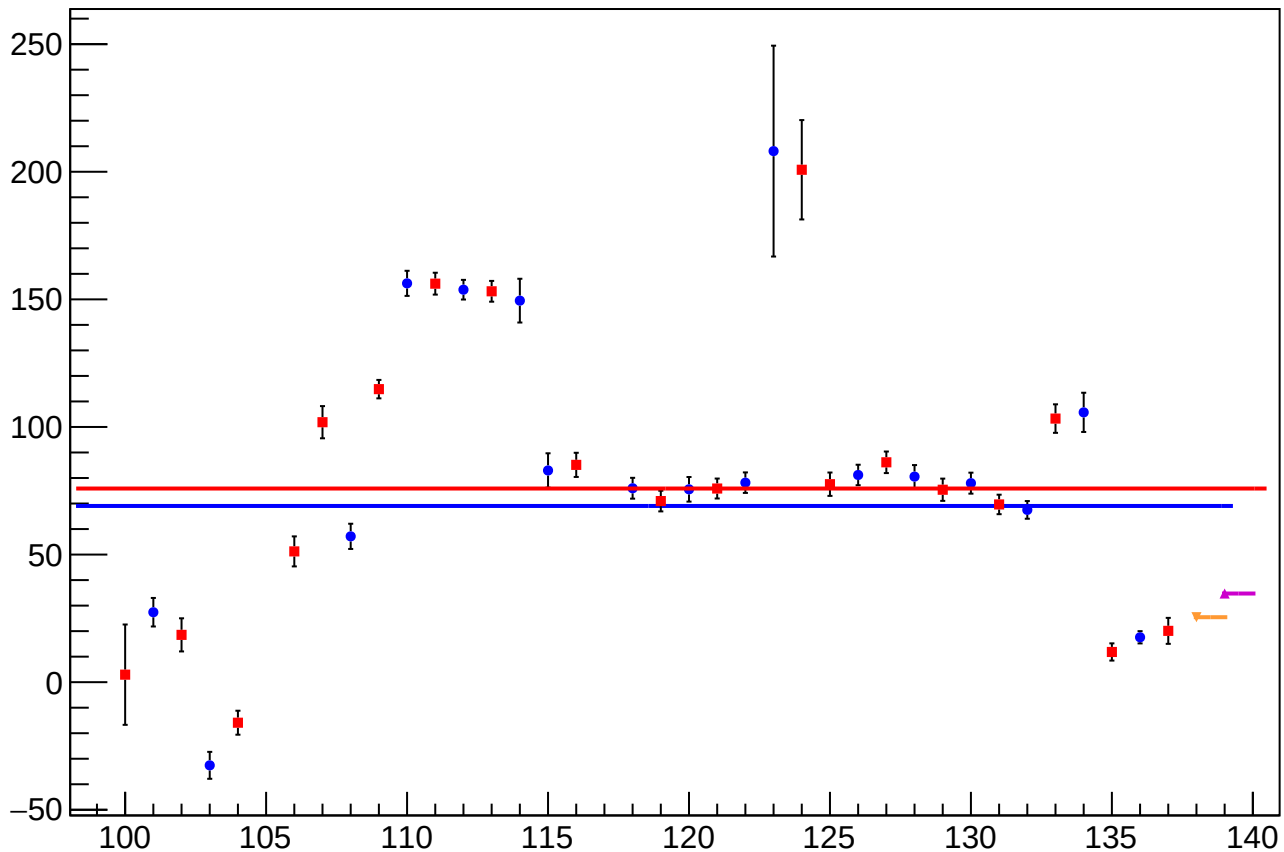
Right: -4.761 ± 0.412 χ^2/NDF : 368.3/35

In: -4.558 ± 0.566 χ^2/NDF : 176.7/17

Out: -4.311 ± 0.547 χ^2/NDF : 198.8/19

All: -4.431 ± 0.393 χ^2/NDF : 375.6/37

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: 34.736 $\pm$ 1.550 χ^2 /NDF:0.0/0

Left: 30.171 $\pm$ 1.104 χ^2 /NDF: 17.6/1

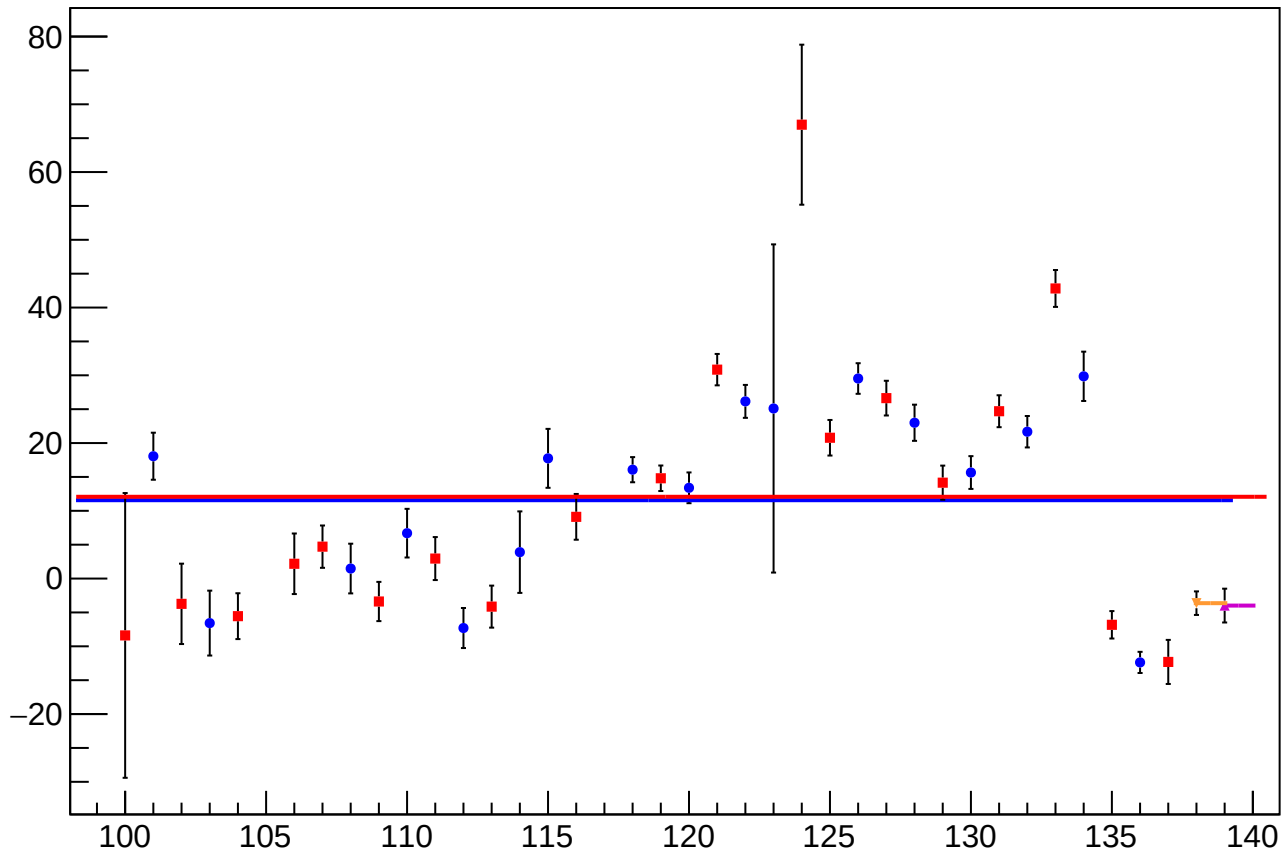
Right: 72.486 $\pm$ 0.759 χ^2 /NDF: 3763.1/35

In: 57.878 $\pm$ 0.884 χ^2 /NDF:2178.5/17

Out: 59.960 $\pm$ 0.885 χ^2 /NDF:2596.7/19

All: 58.918 $\pm$ 0.625 χ^2 /NDF: 4777.9/37

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -3.632 $\pm$ 1.738 χ^2 /NDF:0.0/0

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

Left In: -3.988 $\pm$ 2.495 χ^2 /NDF:0.0/0

Left: -3.748 $\pm$ 1.426 χ^2 /NDF: 0.0/1

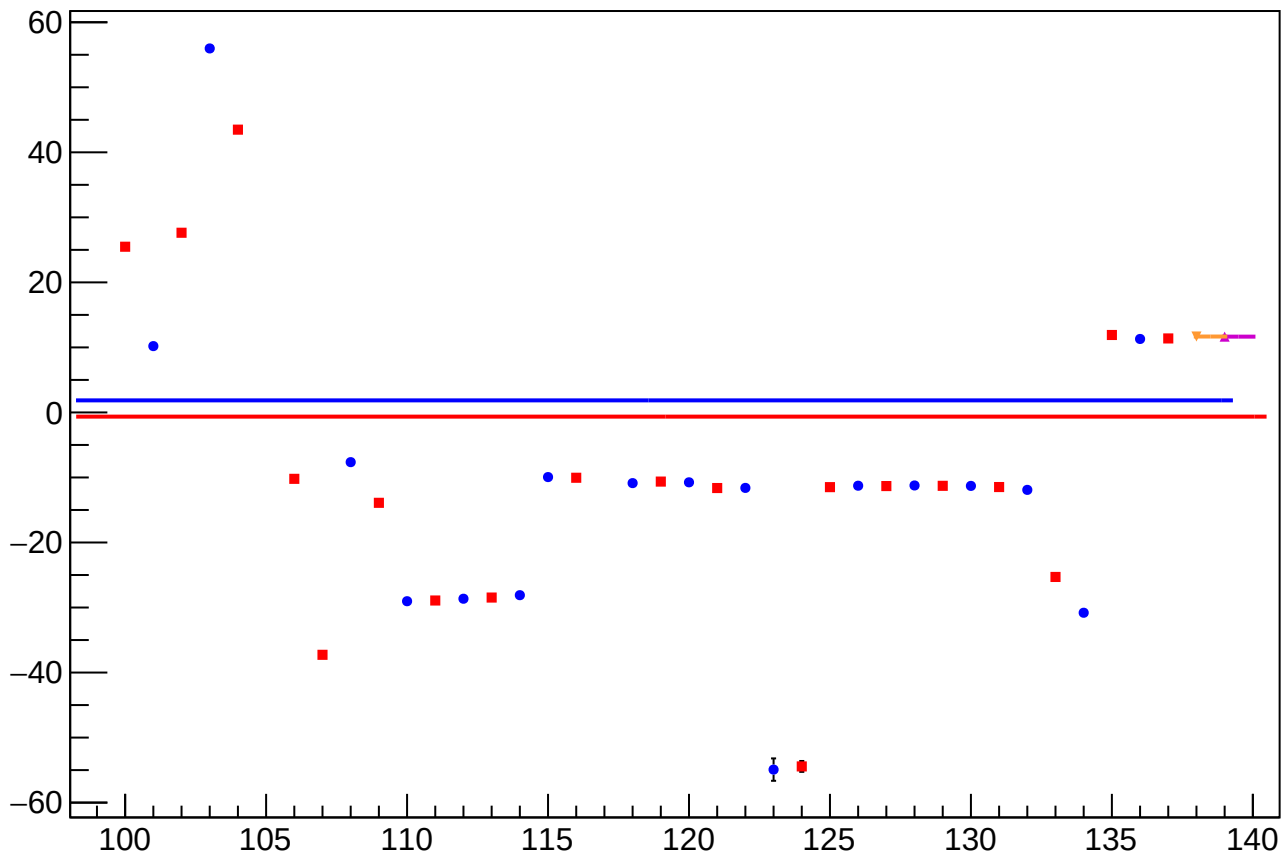
Right: 11.816 $\pm$ 0.468 χ^2 /NDF: 1021.8/35

In: 10.553 $\pm$ 0.636 χ^2 /NDF:514.6/17

Out: 10.069 $\pm$ 0.621 χ^2 /NDF:614.5/19

All: 10.305 $\pm$ 0.444 χ^2 /NDF: 1129.4/37

reg_asym_atl_dd_atr_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: 11.656+/-0.055 χ^2/NDF : 0.0/0

Left: 11.664+/-0.041 χ^2/NDF : 0.0/1

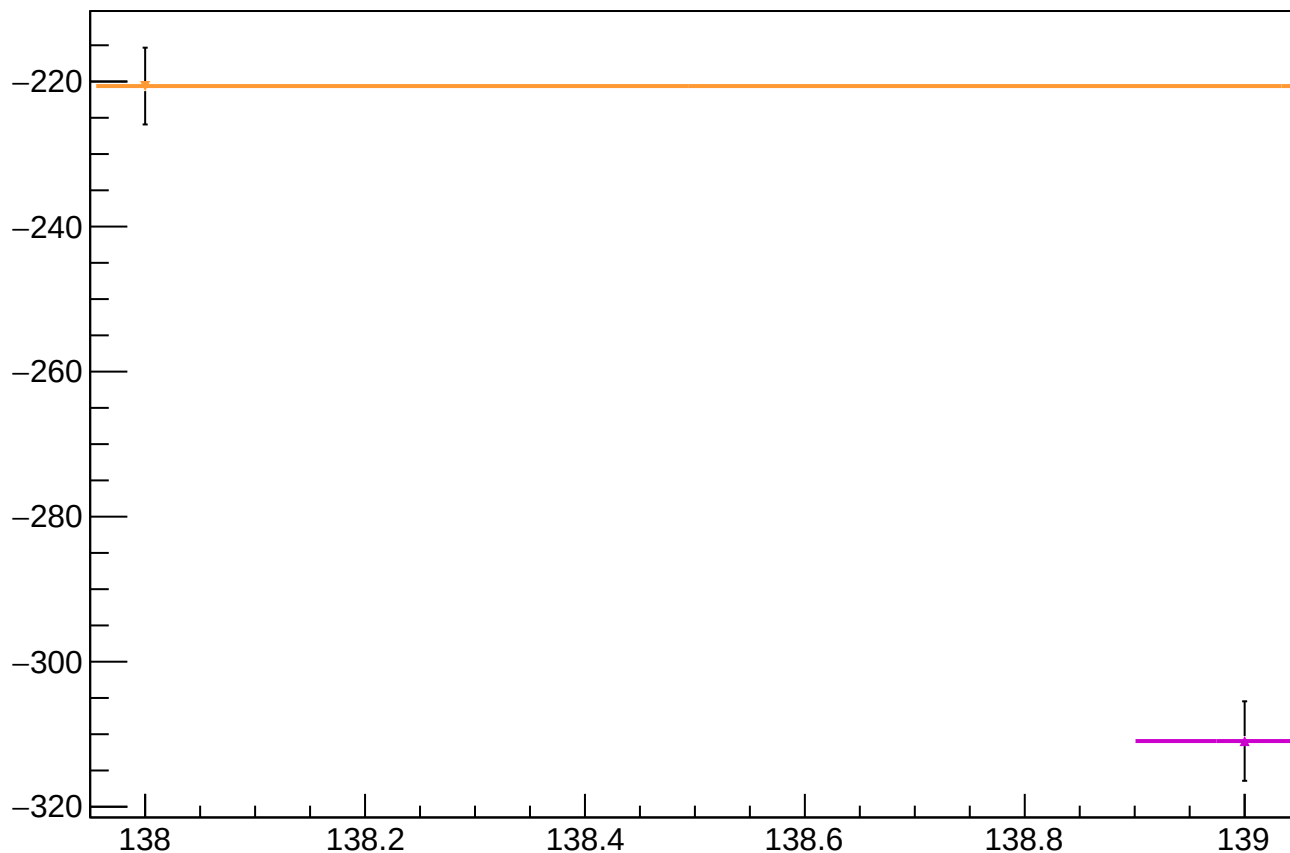
Right: 0.608+/-0.026 χ^2/NDF : 723318.4/35

In: 4.928+/-0.031 χ^2/NDF : 381411.3/17

Out: 2.652+/-0.032 χ^2/NDF : 391198.9/19

All: 3.828+/-0.022 χ^2/NDF : 775272.6/37

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: -310.941 ± 5.481 χ^2/NDF : 0.0/0

Left: -264.218 ± 3.808 χ^2/NDF : 140.5/1

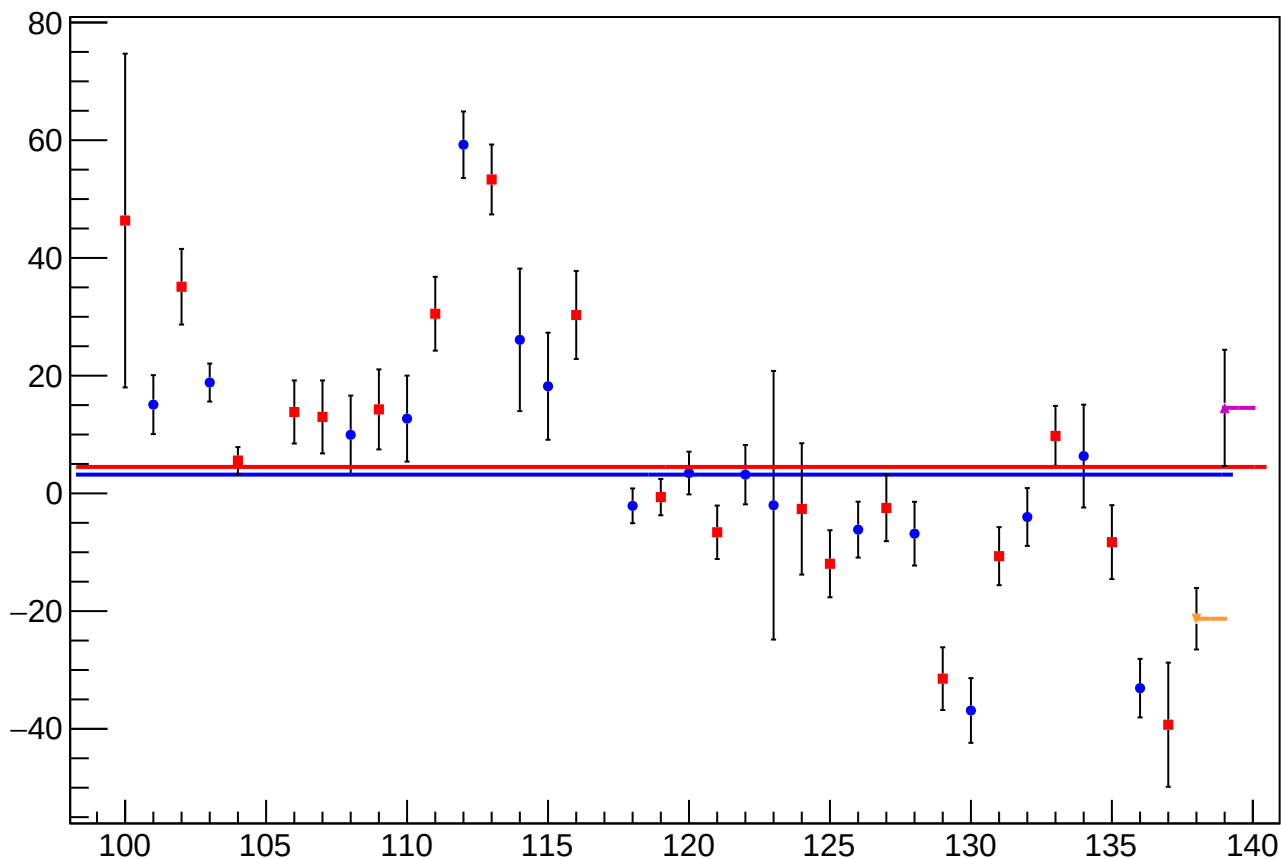
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -310.941 ± 5.481 χ^2/NDF : 0.0/0

Out: -220.625 ± 5.294 χ^2/NDF : 0.0/0

All: -264.218 ± 3.808 χ^2/NDF : 140.5/1

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: 14.531+/-9.870 χ^2/NDF : 0.0/0

Left: -13.451+/-4.618 χ^2/NDF : 10.3/1

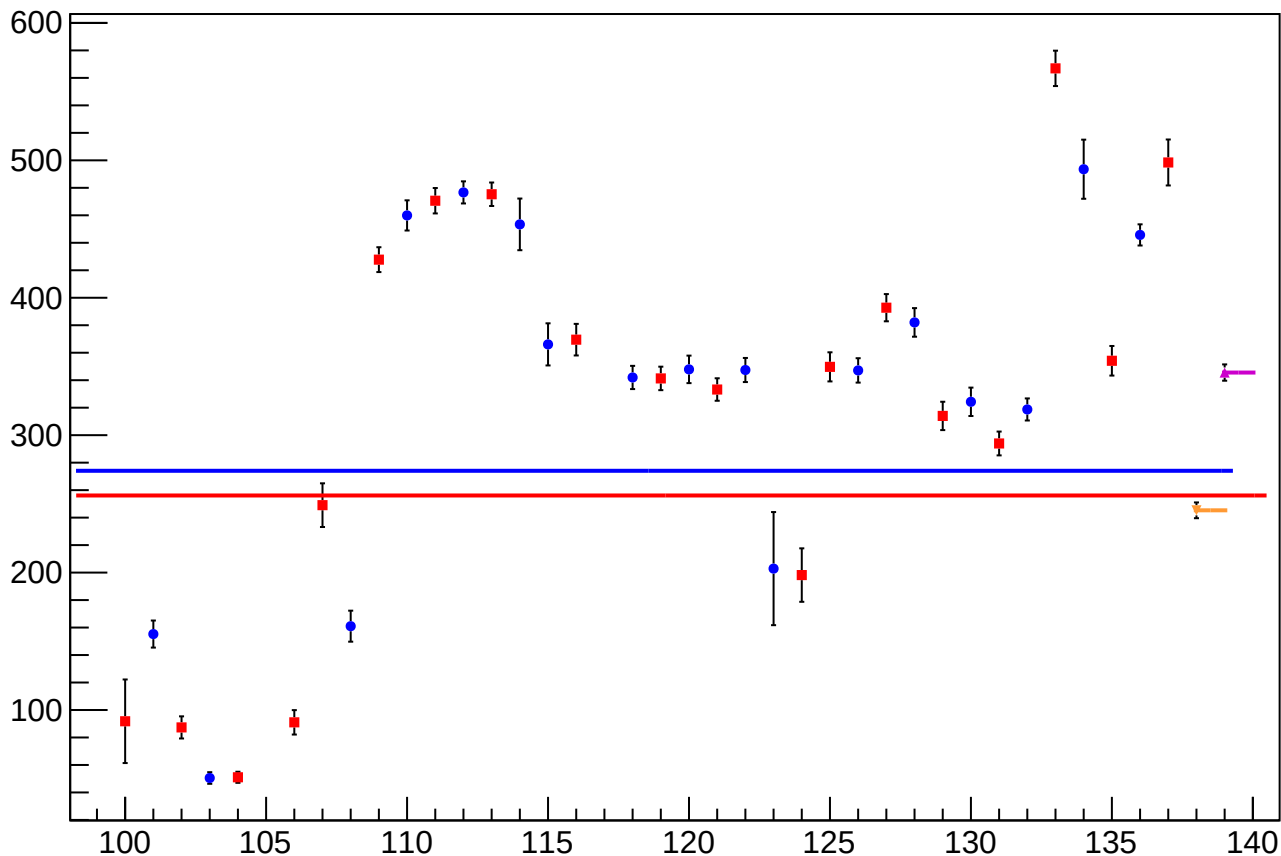
Right: 3.879+/-0.842 χ^2/NDF : 481.7/35

In: 3.360+/-1.216 χ^2/NDF : 256.9/17

Out: 3.287+/-1.132 χ^2/NDF : 248.6/19

All: 3.321+/-0.829 χ^2/NDF : 505.6/37

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: 345.568+/-5.935 χ^2/NDF : 0.0/0

Left: 293.755+/-4.125 χ^2/NDF : 147.5/1

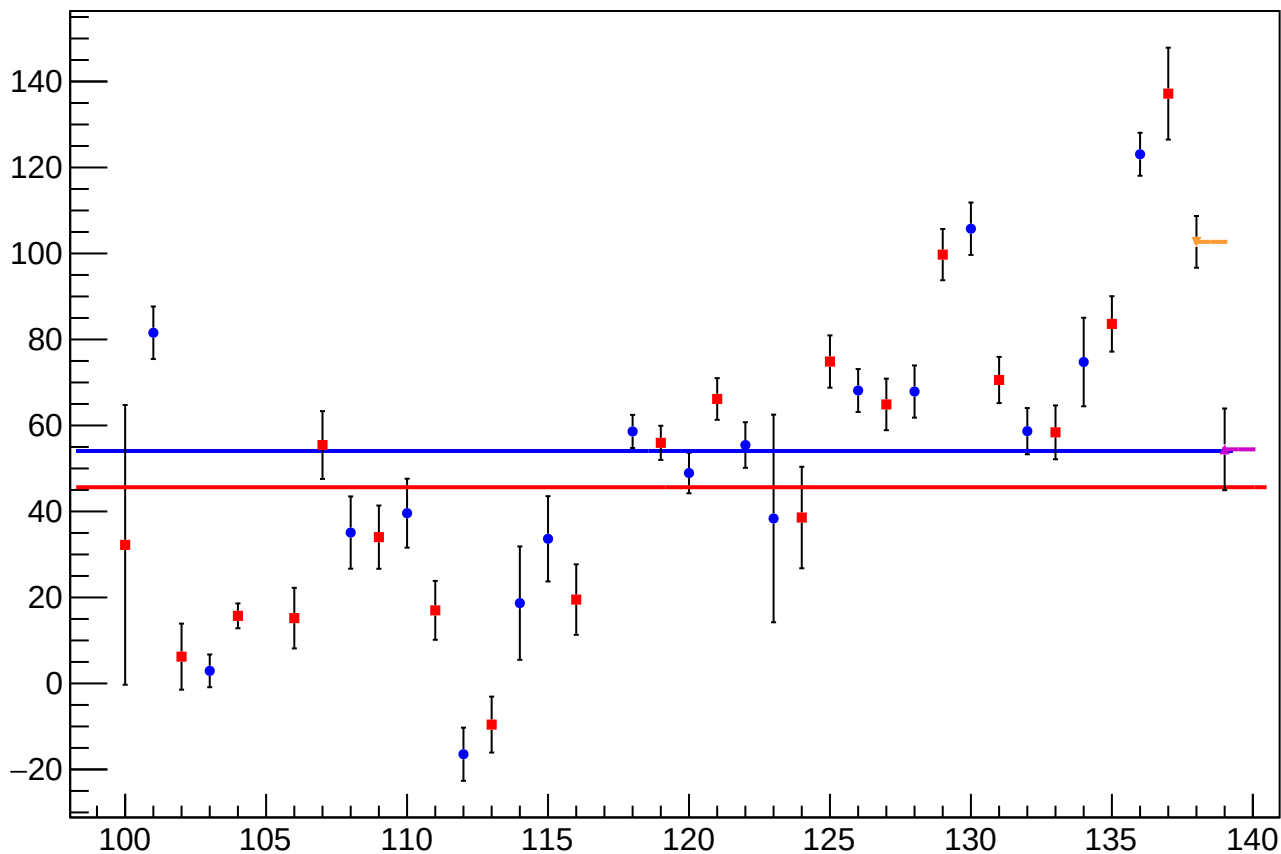
Right: 264.628+/-1.509 χ^2/NDF : 11591.4/35

In: 282.653+/-2.055 χ^2/NDF : 5239.7/17

Out: 254.855+/-1.956 χ^2/NDF : 6447.2/19

All: 268.063+/-1.417 χ^2/NDF : 11782.8/37

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: 54.446 $\pm$ 9.501 χ^2 /NDF:0.0/0

Left: 88.894 $\pm$ 5.082 χ^2 /NDF: 18.4/1

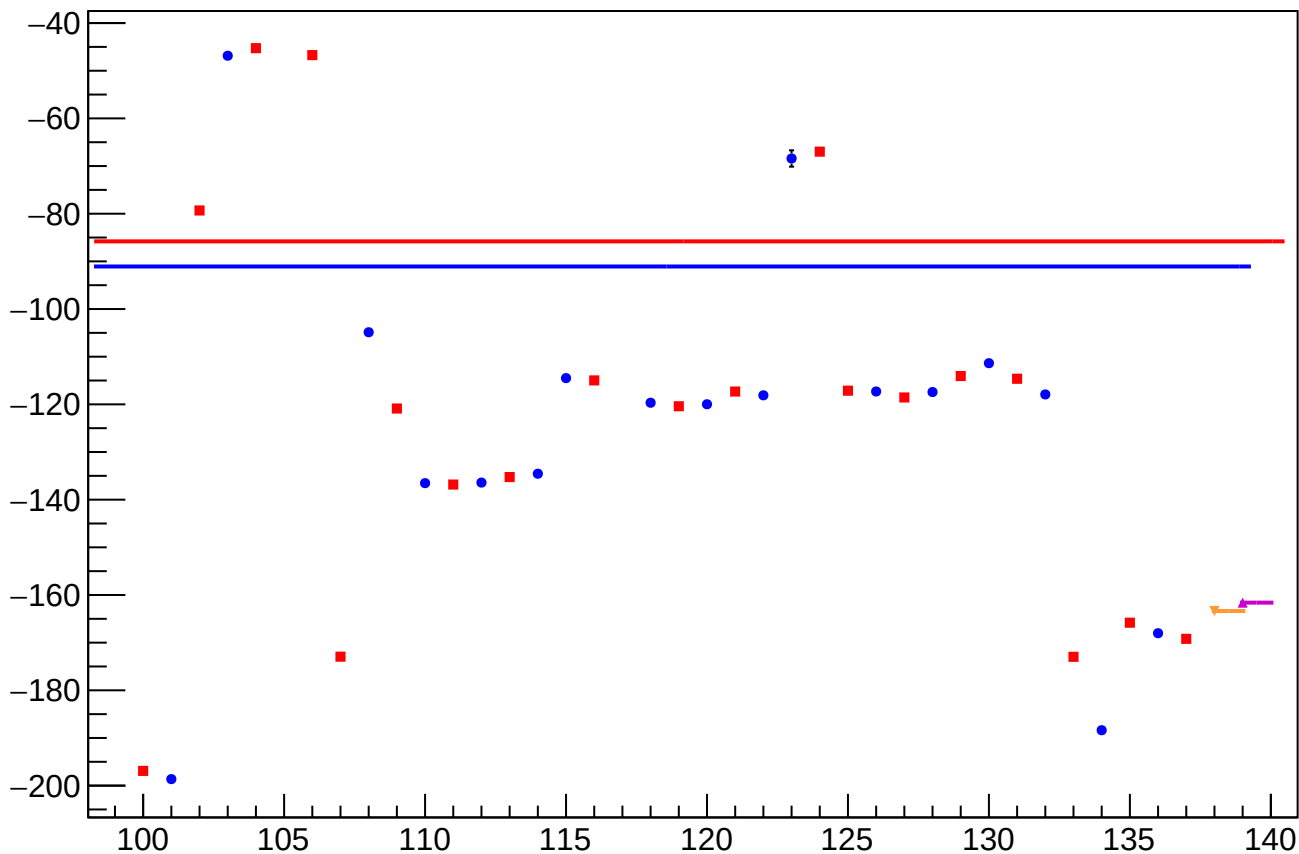
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 54.073 $\pm$ 1.405 χ^2 /NDF:634.4/17

Out: 48.408 $\pm$ 1.326 χ^2 /NDF:616.4/19

All: 51.077 $\pm$ 0.964 χ^2 /NDF: 1259.4/37

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074 ± 0.068 $\chi^2/\text{NDF}: 534647.5/16$

Left Out: -163.364 ± 0.228 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -85.803 ± 0.065 $\chi^2/\text{NDF}: 495895.1/18$

Left In: -161.601 ± 0.209 $\chi^2/\text{NDF}: 0.0/0$

Left: -162.406 ± 0.154 $\chi^2/\text{NDF}: 32.5/1$

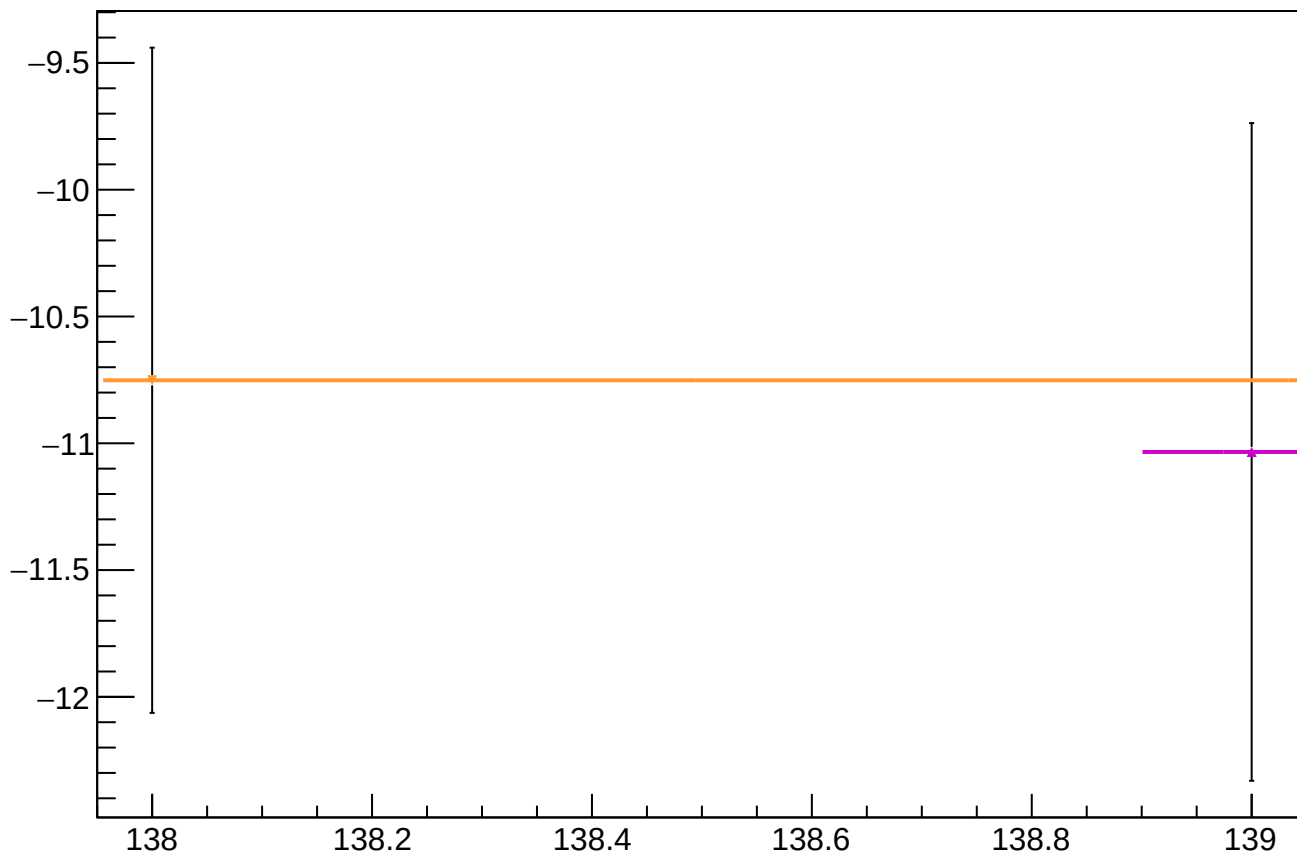
Right: -88.339 ± 0.047 $\chi^2/\text{NDF}: 1033703.0/35$

In: -97.745 ± 0.064 $\chi^2/\text{NDF}: 637824.1/17$

Out: -91.639 ± 0.063 $\chi^2/\text{NDF}: 602906.1/19$

All: -94.610 ± 0.045 $\chi^2/\text{NDF}: 1245366.2/37$

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: -11.034+/-1.297 χ^2/NDF : 0.0/0

Left: -10.894+/-0.922 χ^2/NDF : 0.0/1

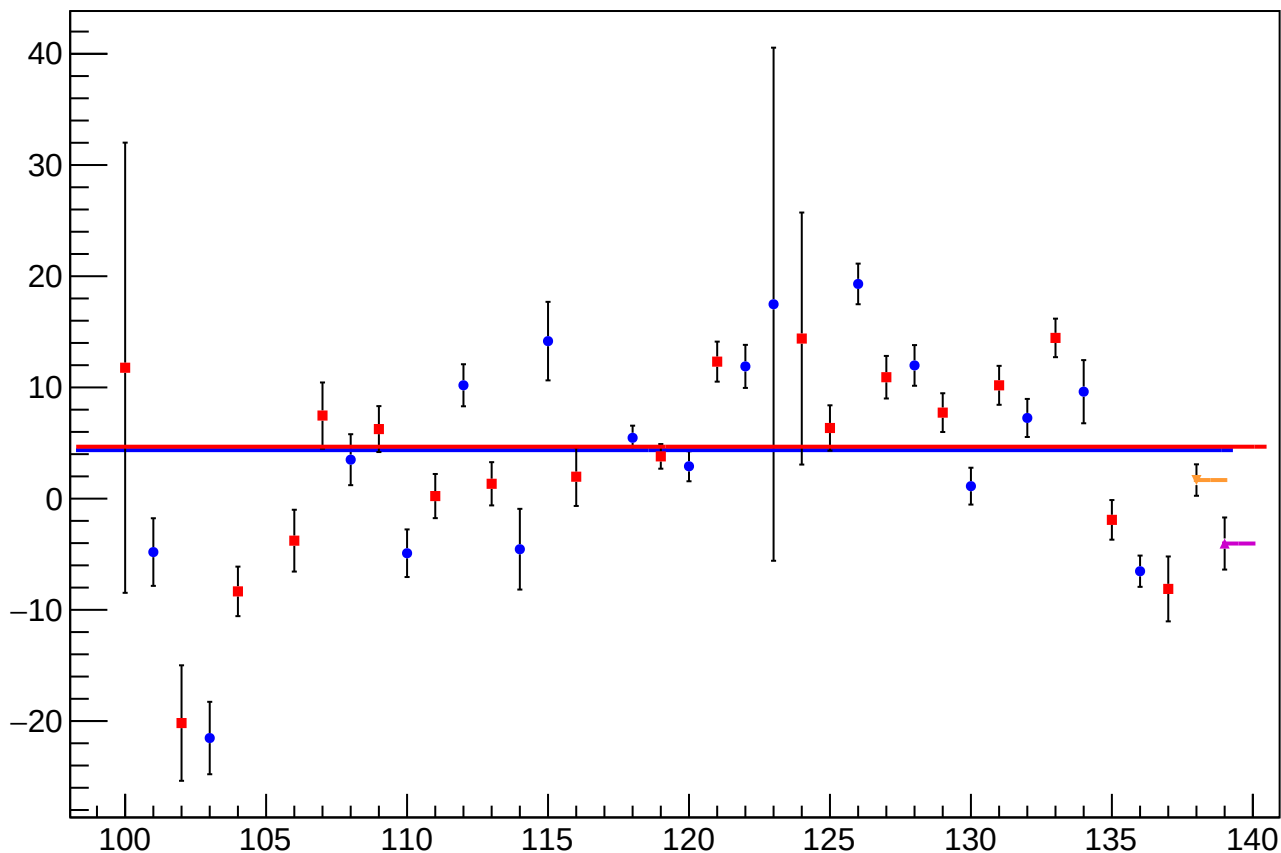
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.034+/-1.297 χ^2/NDF : 0.0/0

Out: -10.752+/-1.312 χ^2/NDF : 0.0/0

All: -10.894+/-0.922 χ^2/NDF : 0.0/1

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: -4.037+/-2.343 χ^2/NDF : 0.0/0

Left: 0.145+/-1.211 χ^2/NDF : 4.3/1

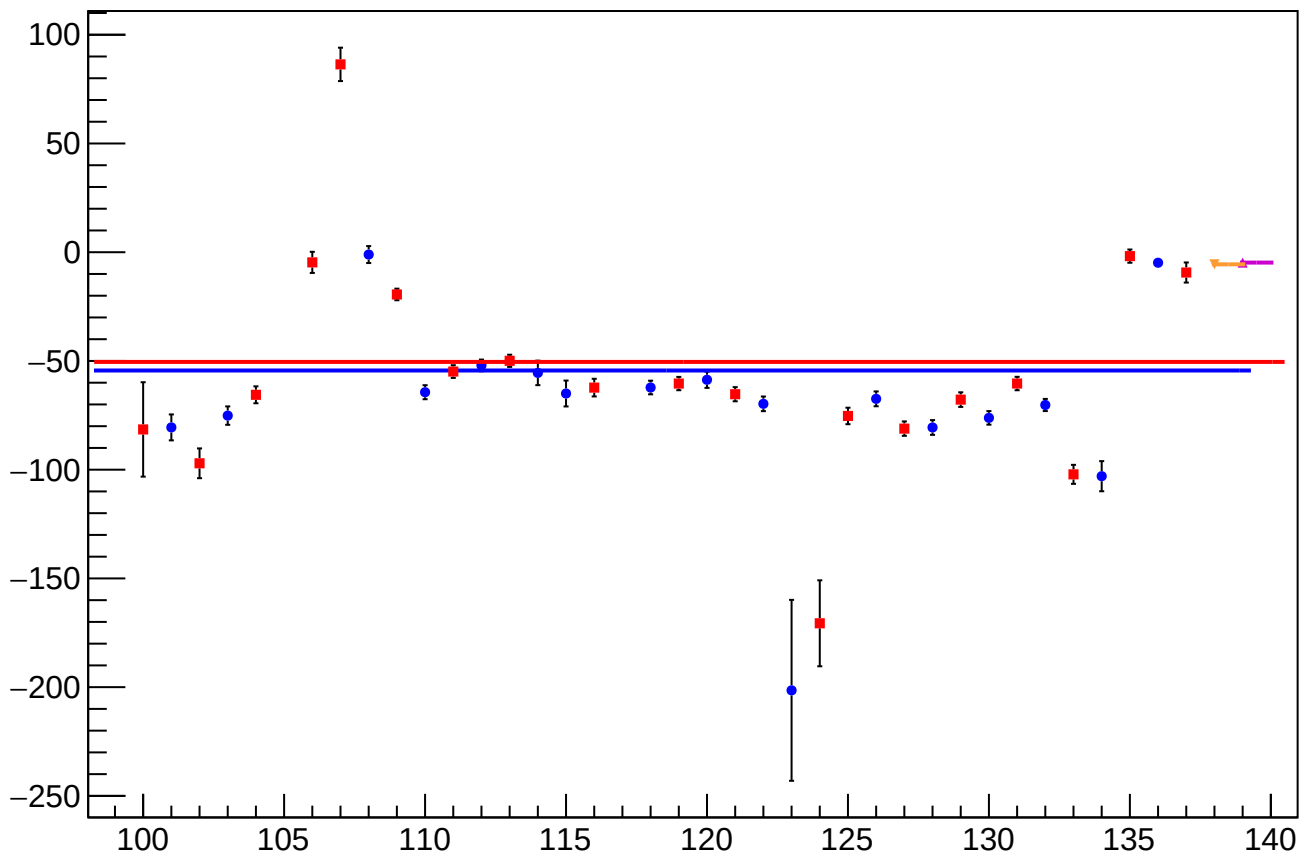
Right: 4.512+/-0.332 χ^2/NDF : 472.1/35

In: 4.044+/-0.455 χ^2/NDF : 298.9/17

Out: 4.367+/-0.450 χ^2/NDF : 189.4/19

All: 4.207+/-0.320 χ^2/NDF : 488.5/37

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: -5.570 ± 1.423 χ^2/NDF : 0.0/0

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

Left In: -4.767 ± 1.404 χ^2/NDF : 0.0/0

Left: -5.163 ± 0.999 χ^2/NDF : 0.2/1

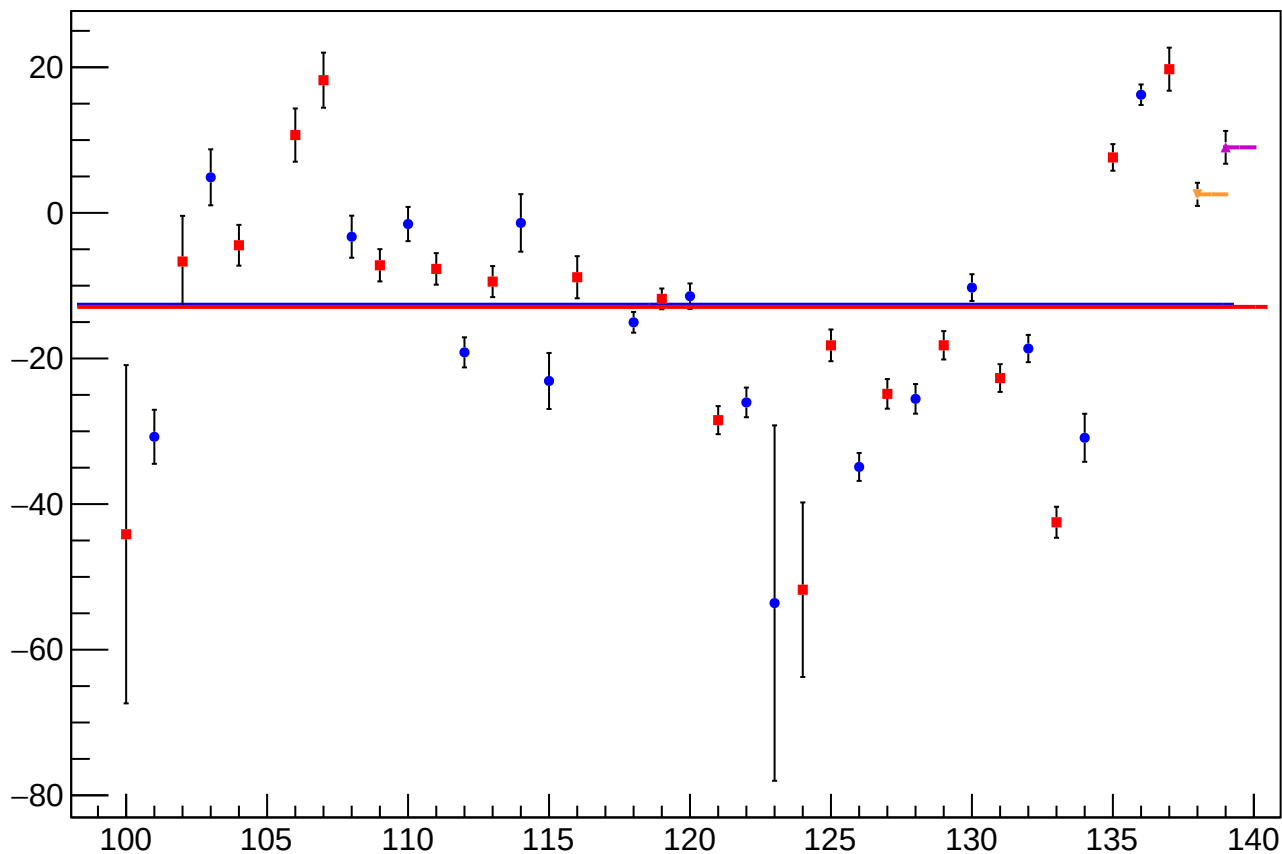
Right: -52.405 ± 0.608 χ^2/NDF : 2348.7/35

In: -40.791 ± 0.735 χ^2/NDF : 1920.7/17

Out: -38.490 ± 0.734 χ^2/NDF : 2054.2/19

All: -39.640 ± 0.519 χ^2/NDF : 3979.8/37

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 2.545 ± 1.589 χ^2/NDF : 0.0/0

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

Left In: 9.002 ± 2.256 χ^2/NDF : 0.0/0

Left: 4.686 ± 1.299 χ^2/NDF : 5.5/1

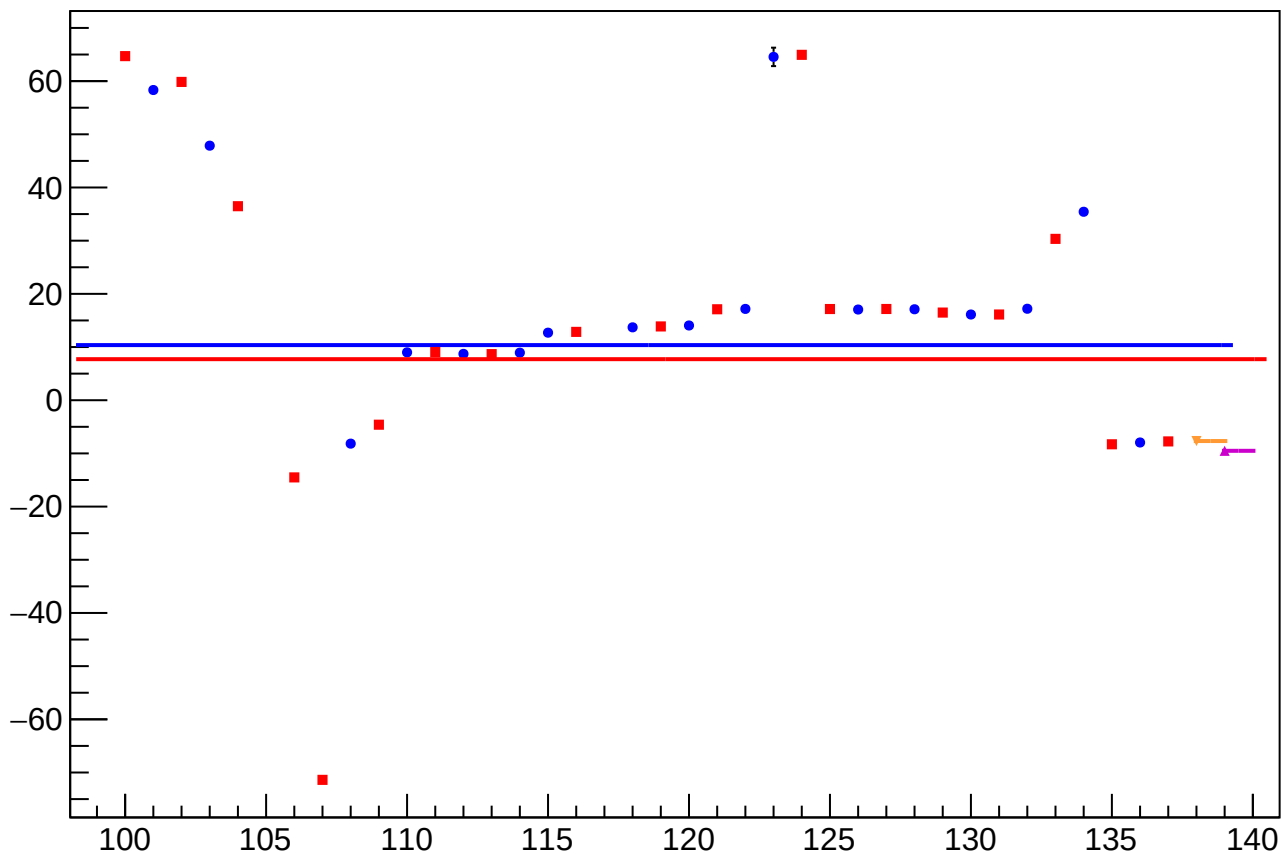
Right: -12.762 ± 0.378 χ^2/NDF : 1518.6/35

In: -11.484 ± 0.516 χ^2/NDF : 875.3/17

Out: -11.321 ± 0.510 χ^2/NDF : 815.1/19

All: -11.402 ± 0.363 χ^2/NDF : 1690.4/37

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: -9.513+/-0.050 χ^2/NDF : 0.0/0

Left: -8.693+/-0.037 χ^2/NDF : 613.7/1

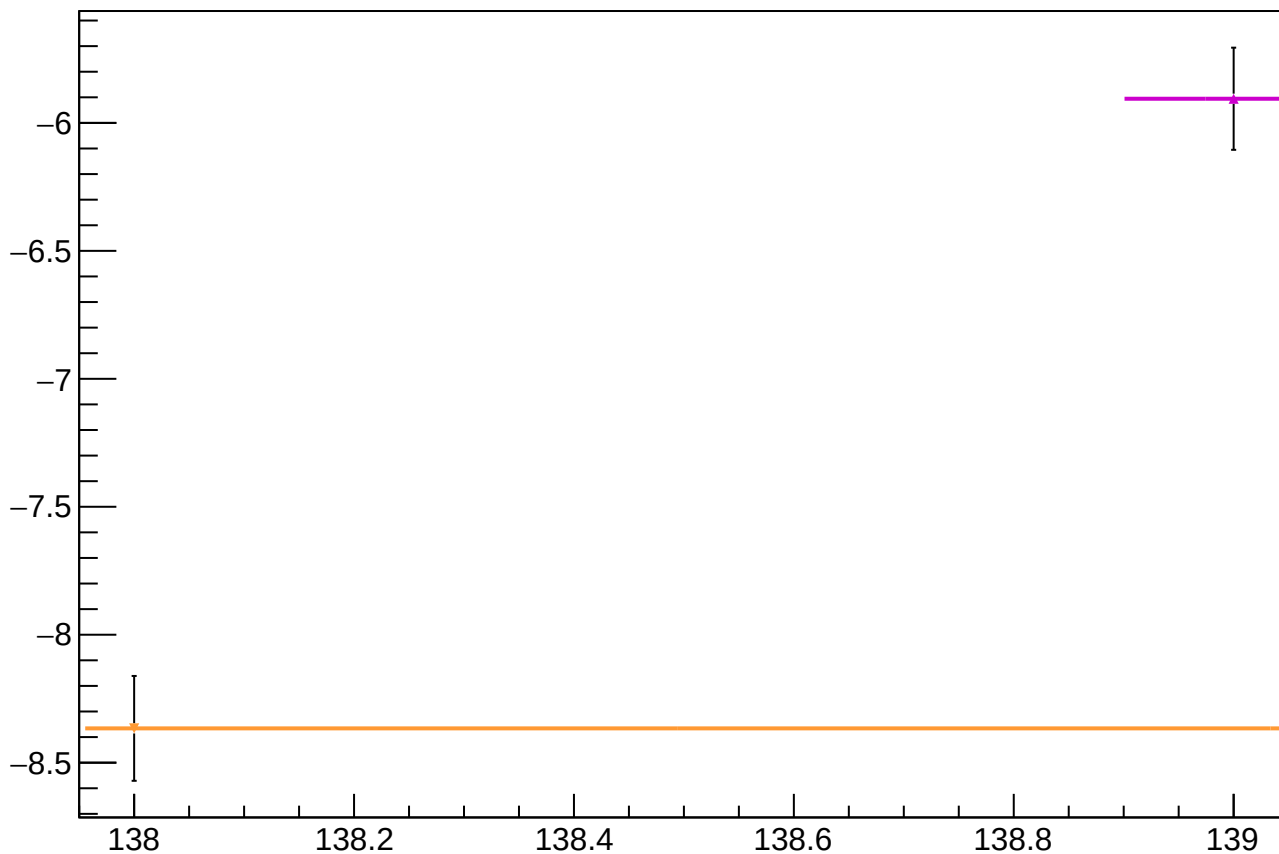
Right: 9.073+/-0.022 χ^2/NDF : 929756.2/35

In: 4.892+/-0.026 χ^2/NDF : 497701.0/17

Out: 3.984+/-0.027 χ^2/NDF : 603955.0/19

All: 4.458+/-0.019 χ^2/NDF : 1102238.3/37

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.366+/-0.205 χ^2/NDF : 0.0/0

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

Left In: -5.906+/-0.200 χ^2/NDF : 0.0/0

Left: -7.104+/-0.143 χ^2/NDF : 74.0/1

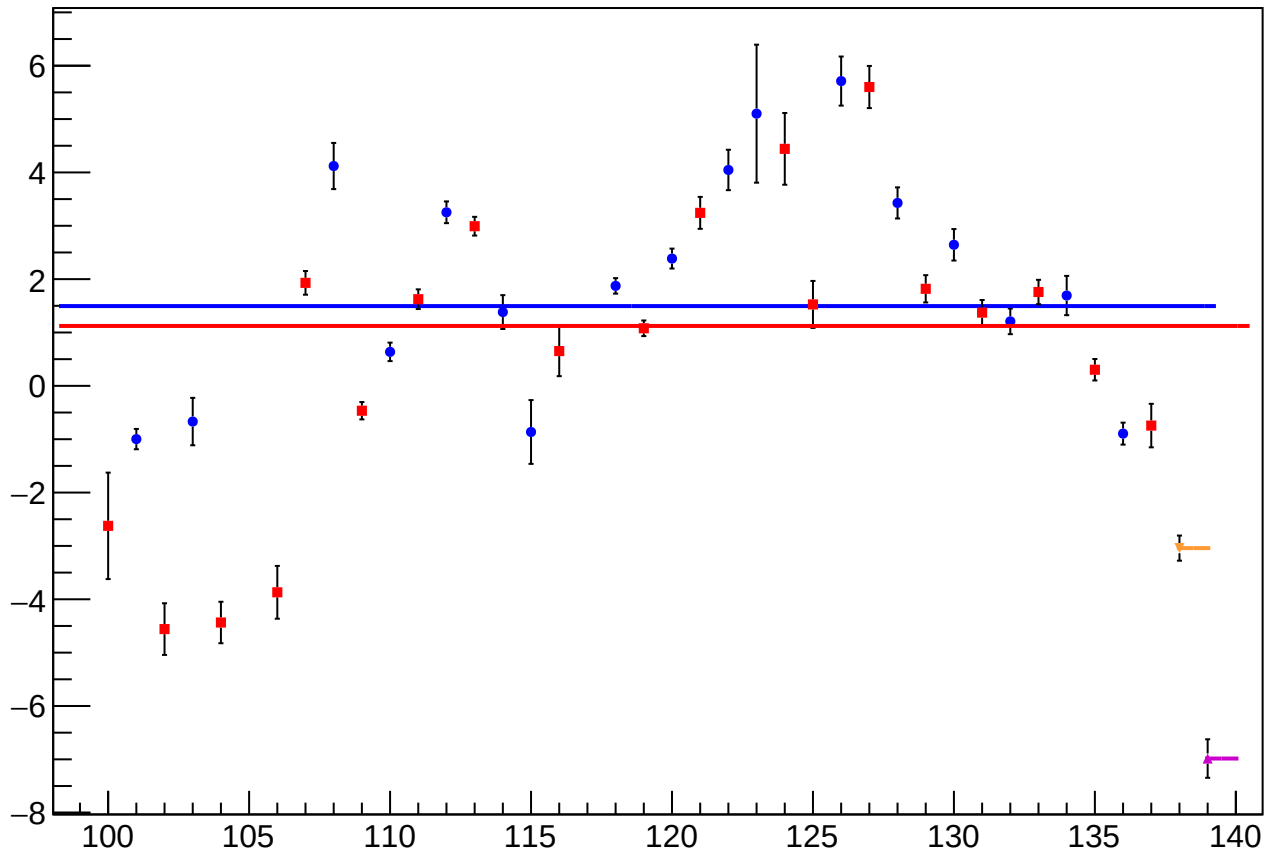
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.906+/-0.200 χ^2/NDF : 0.0/0

Out: -8.366+/-0.205 χ^2/NDF : 0.0/0

All: -7.104+/-0.143 χ^2/NDF : 74.0/1

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 ± 0.061 χ^2/NDF : 708.8/16

Left Out: -3.041 ± 0.235 χ^2/NDF : 0.0/0

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

Left In: -6.985 ± 0.361 χ^2/NDF : 0.0/0

Left: -4.218 ± 0.197 χ^2/NDF : 83.7/1

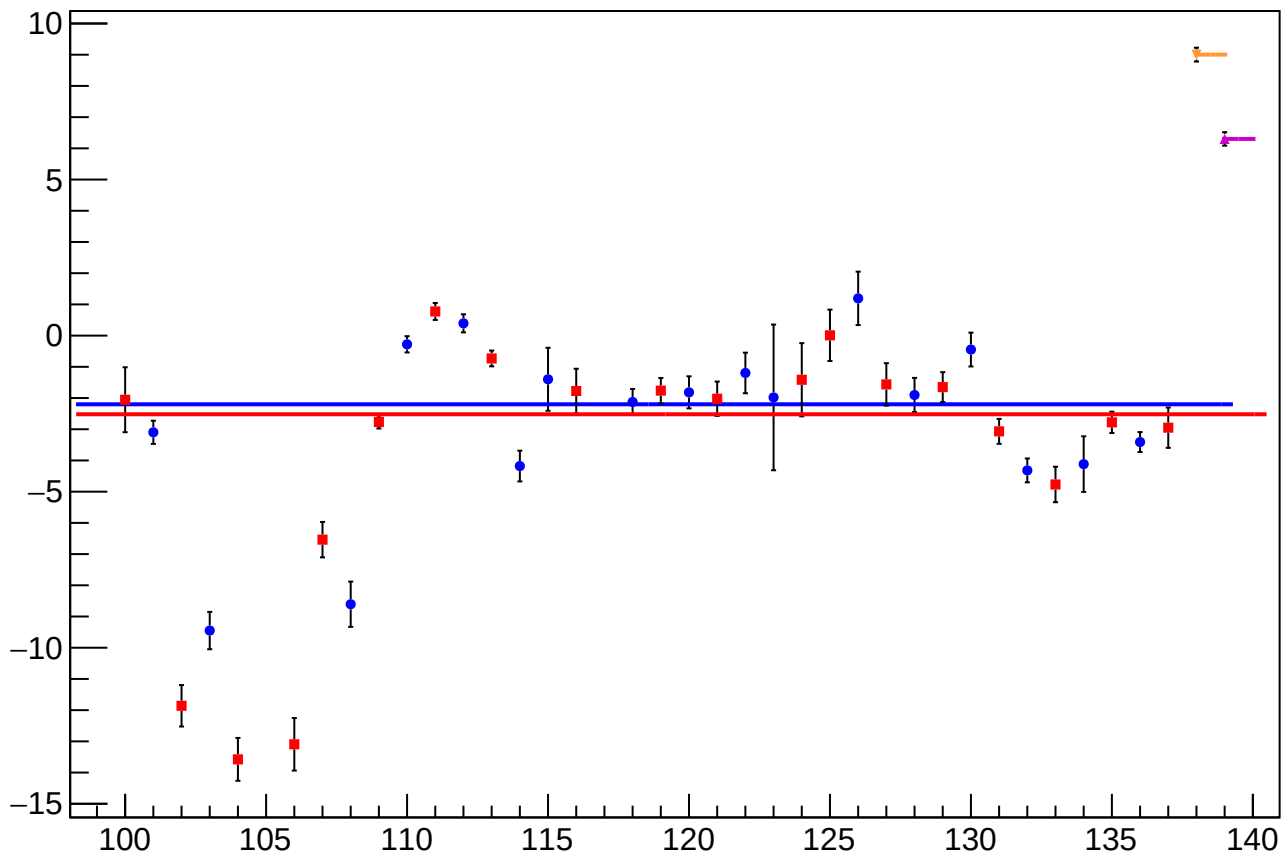
Right: 1.300 ± 0.042 χ^2/NDF : 1674.8/35

In: 1.259 ± 0.060 χ^2/NDF : 1245.1/17

Out: 0.883 ± 0.056 χ^2/NDF : 1241.3/19

All: 1.059 ± 0.041 χ^2/NDF : 2507.1/37

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: 6.302 ± 0.216 χ^2/NDF : 0.0/0

Left: 7.612 ± 0.155 χ^2/NDF : 75.9/1

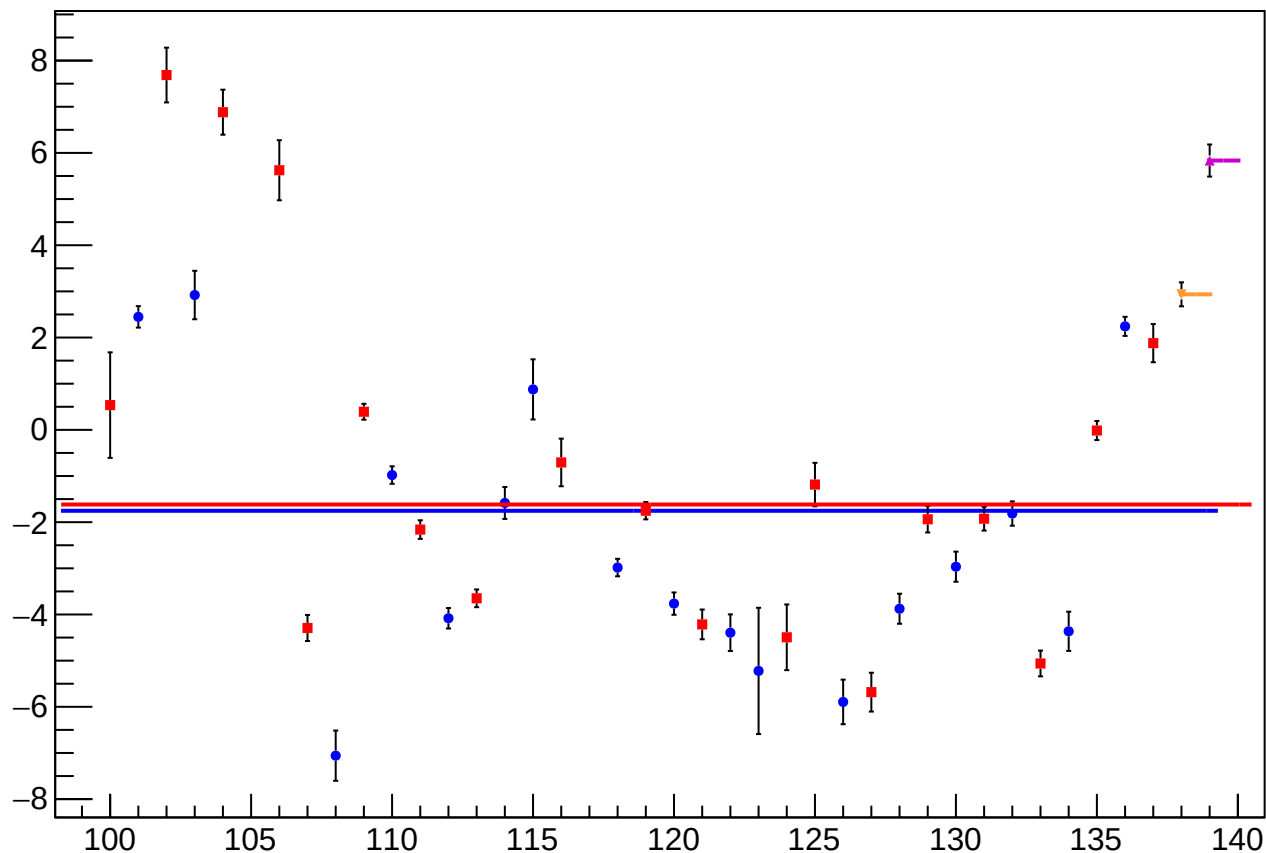
Right: -2.378 ± 0.074 χ^2/NDF : 1368.9/35

In: -0.433 ± 0.098 χ^2/NDF : 1689.4/17

Out: -0.617 ± 0.090 χ^2/NDF : 3143.7/19

All: -0.533 ± 0.067 χ^2/NDF : 4834.9/37

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: 5.835 ± 0.348 χ^2/NDF : 0.0/0

Left: 3.974 ± 0.208 χ^2/NDF : 44.6/1

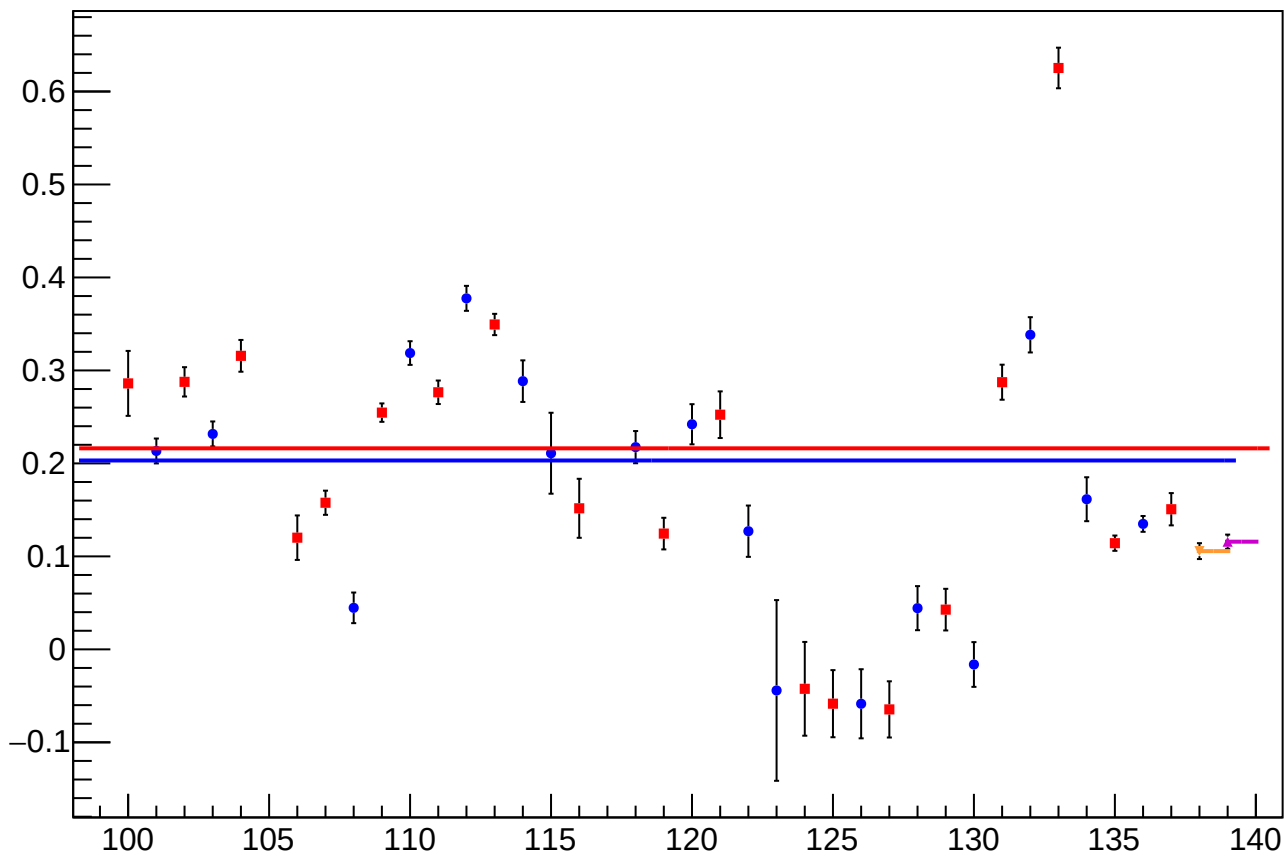
Right: -1.681 ± 0.048 χ^2/NDF : 2834.6/35

In: -1.455 ± 0.069 χ^2/NDF : 1802.1/17

Out: -1.343 ± 0.064 χ^2/NDF : 1776.3/19

All: -1.395 ± 0.047 χ^2/NDF : 3579.9/37

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: 0.116 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.111 $\pm$ 0.006 χ^2 /NDF: 0.8/1

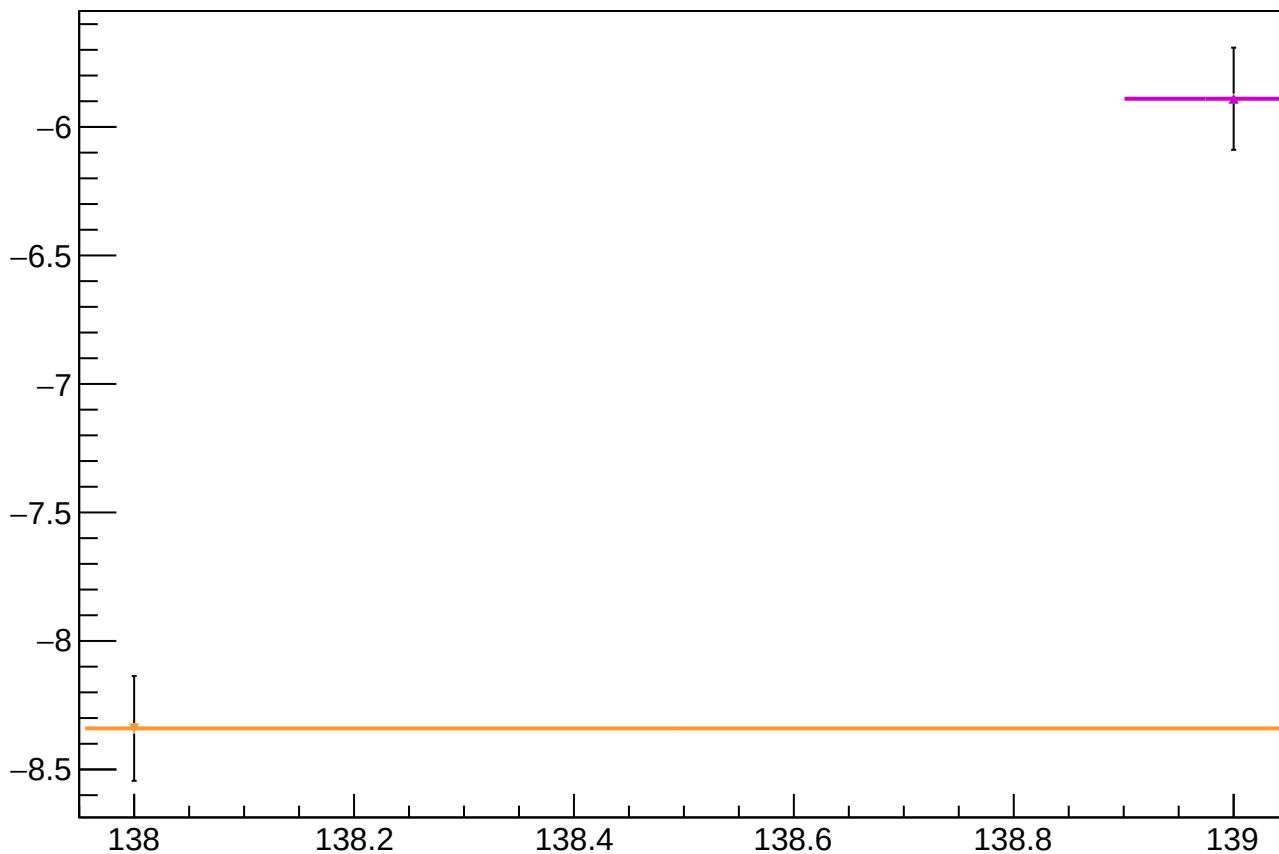
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1750.0/35

In: 0.183 $\pm$ 0.004 χ^2 /NDF: 778.5/17

Out: 0.199 $\pm$ 0.003 χ^2 /NDF: 1208.3/19

All: 0.192 $\pm$ 0.002 χ^2 /NDF: 1996.6/37

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: -5.890+/-0.199 χ^2/NDF : 0.0/0

Left: -7.083+/-0.142 χ^2/NDF : 74.0/1

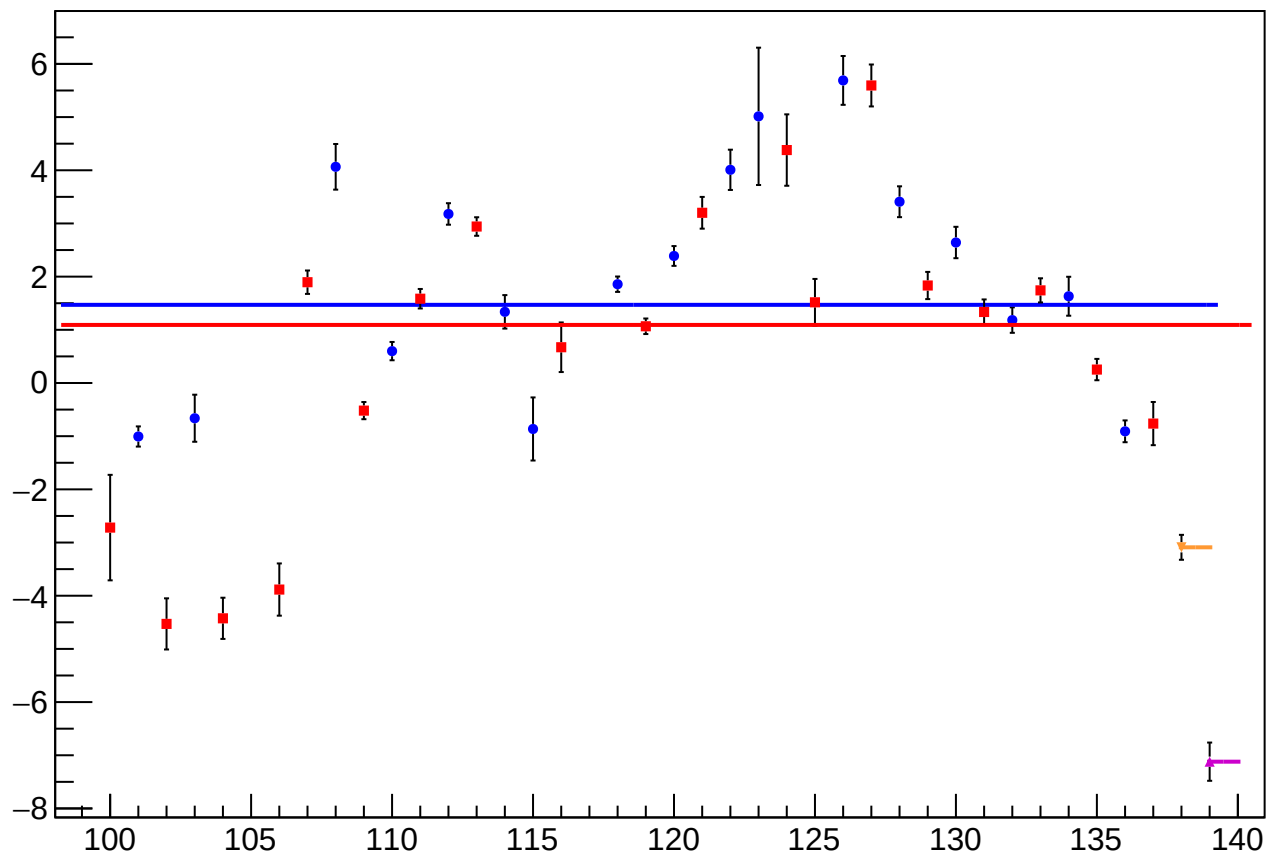
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.890+/-0.199 χ^2/NDF : 0.0/0

Out: -8.340+/-0.204 χ^2/NDF : 0.0/0

All: -7.083+/-0.142 χ^2/NDF : 74.0/1

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: -3.090 ± 0.234 χ^2/NDF : 0.0/0

Right Out: 1.092 ± 0.058 χ^2/NDF : 952.1/18

Left In: -7.121 ± 0.360 χ^2/NDF : 0.0/0

Left: -4.292 ± 0.196 χ^2/NDF : 88.2/1

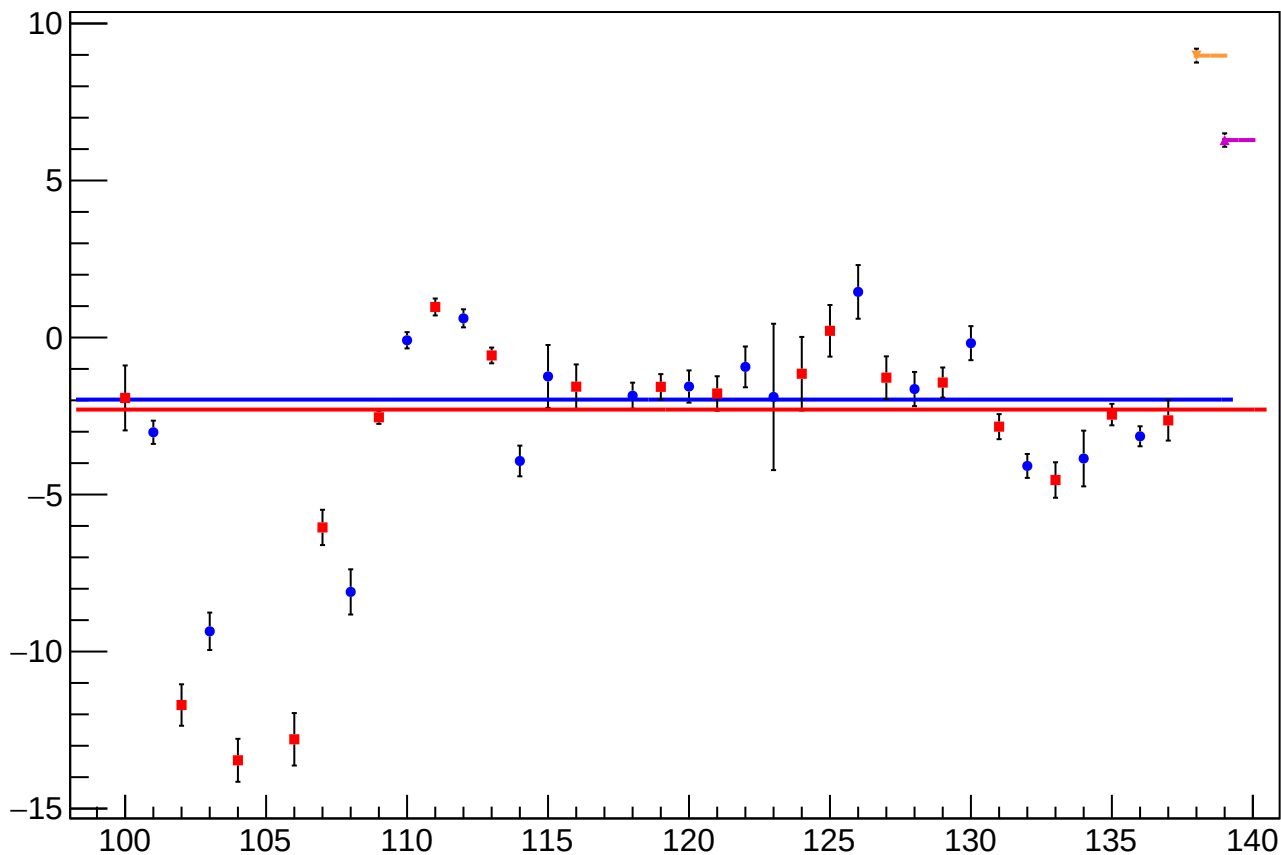
Right: 1.272 ± 0.042 χ^2/NDF : 1680.2/35

In: 1.231 ± 0.060 χ^2/NDF : 1262.9/17

Out: 0.851 ± 0.056 χ^2/NDF : 1252.0/19

All: 1.029 ± 0.041 χ^2/NDF : 2536.3/37

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: 6.288 ± 0.215 χ^2/NDF : 0.0/0

Left: 7.592 ± 0.154 χ^2/NDF : 75.9/1

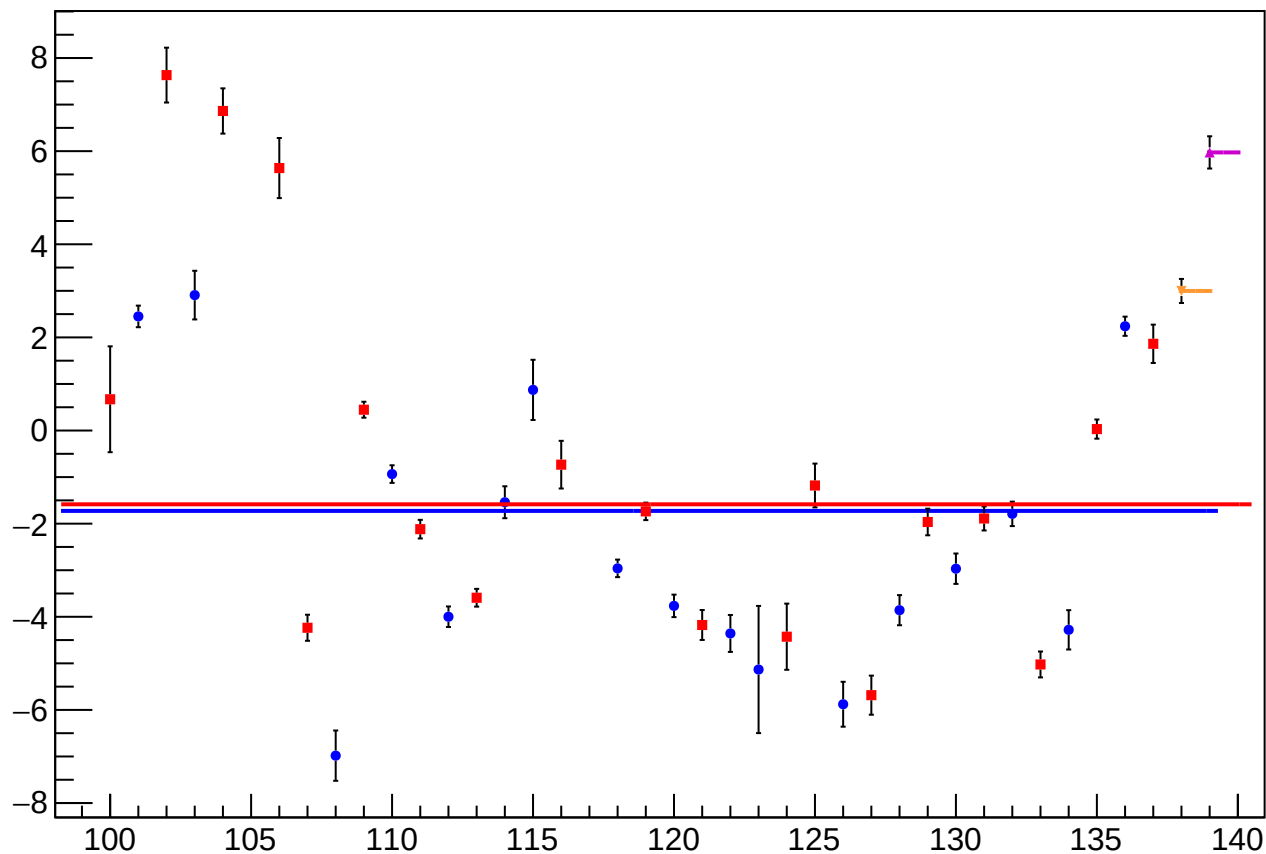
Right: -2.153 ± 0.073 χ^2/NDF : 1375.0/35

In: -0.261 ± 0.098 χ^2/NDF : 1634.9/17

Out: -0.436 ± 0.090 χ^2/NDF : 3068.9/19

All: -0.356 ± 0.066 χ^2/NDF : 4705.6/37

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: 5.973 ± 0.346 χ^2/NDF : 0.0/0

Left: 4.062 ± 0.207 χ^2/NDF : 47.4/1

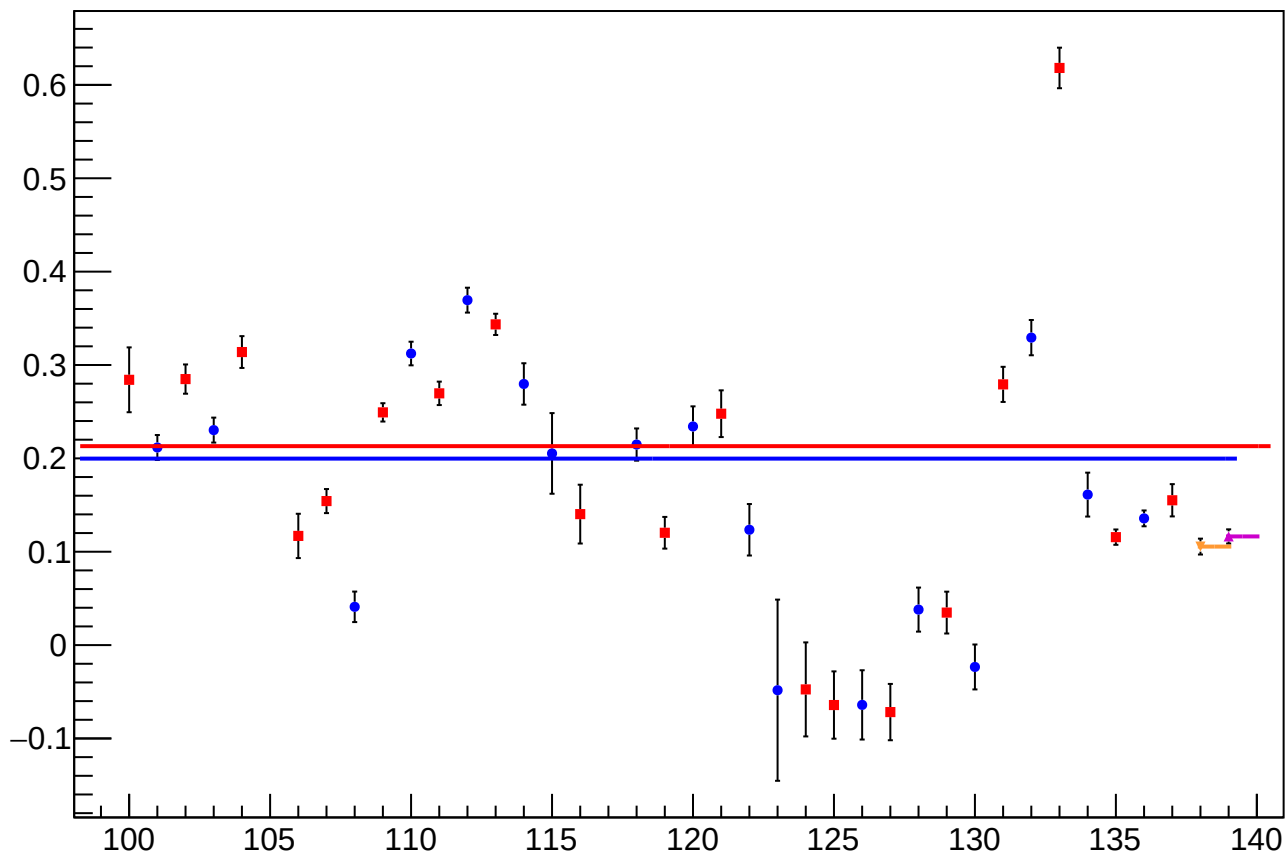
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -1.424 ± 0.069 χ^2/NDF : 1816.1/17

Out: -1.309 ± 0.063 χ^2/NDF : 1787.8/19

All: -1.362 ± 0.047 χ^2/NDF : 3605.4/37

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: 0.116 $\pm$ 0.008 χ^2 /NDF:0.0/0

Left: 0.112 $\pm$ 0.006 χ^2 /NDF: 0.9/1

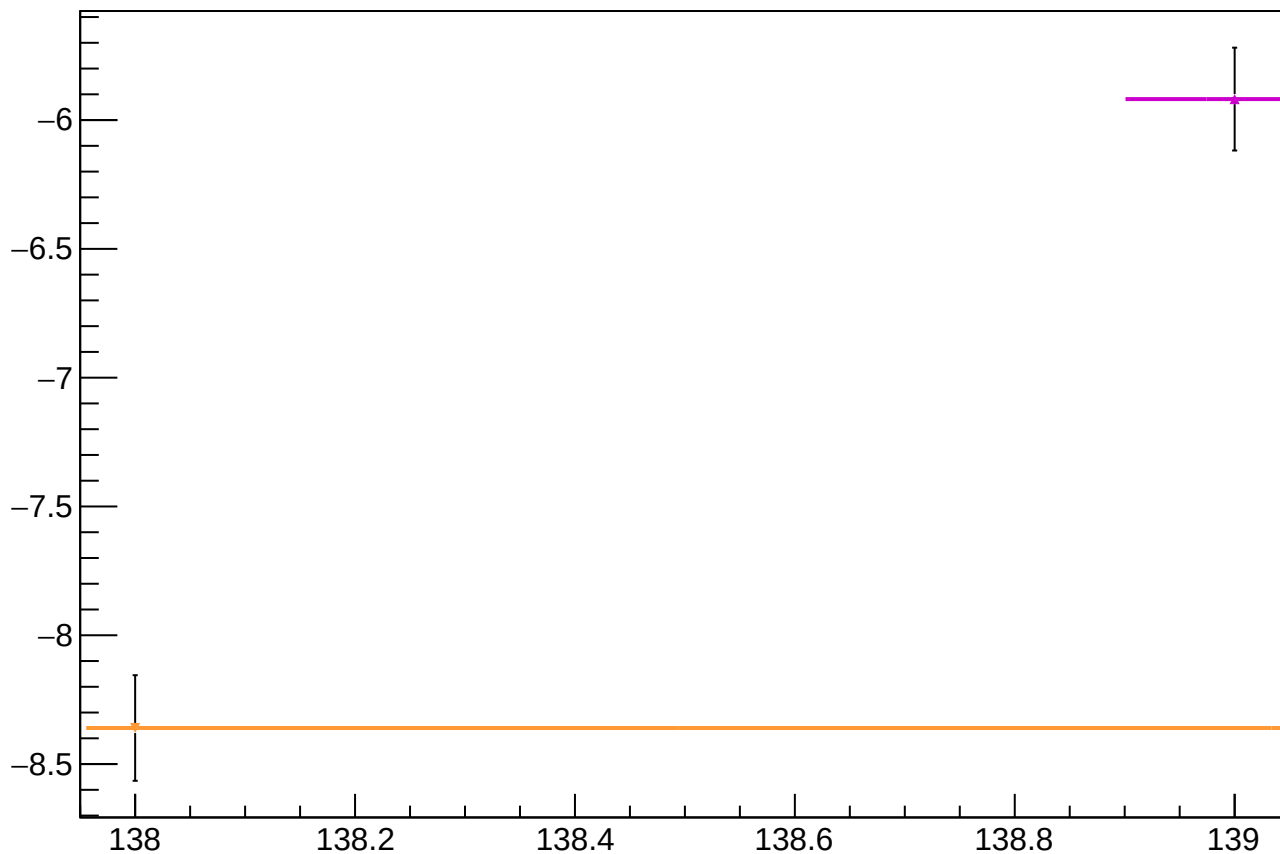
Right: 0.207 $\pm$ 0.003 χ^2 /NDF: 1719.2/35

In: 0.181 $\pm$ 0.004 χ^2 /NDF:755.6/17

Out: 0.196 $\pm$ 0.003 χ^2 /NDF:1185.6/19

All: 0.189 $\pm$ 0.002 χ^2 /NDF: 1950.8/37

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: -5.919+/-0.200 χ^2/NDF : 0.0/0

Left: -7.107+/-0.143 χ^2/NDF : 72.8/1

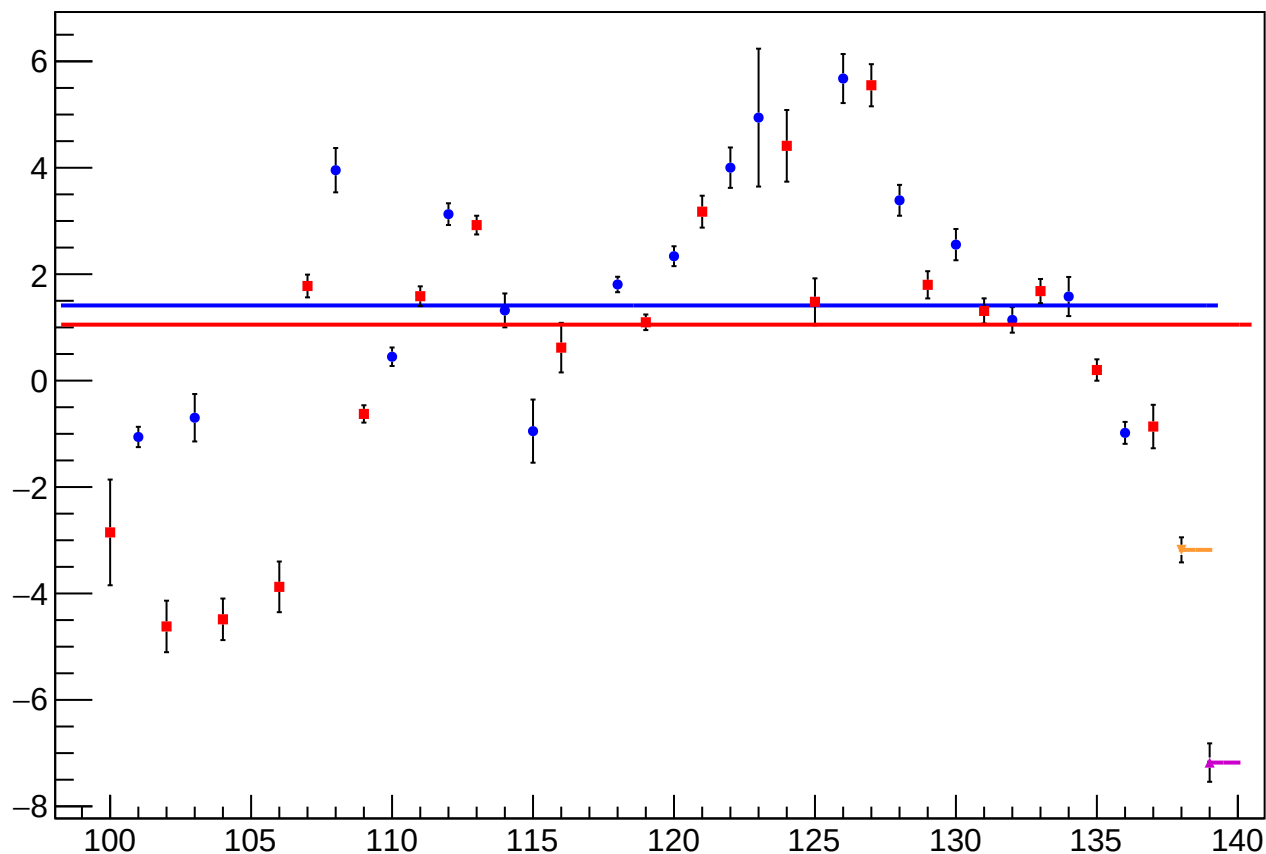
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.919+/-0.200 χ^2/NDF : 0.0/0

Out: -8.360+/-0.205 χ^2/NDF : 0.0/0

All: -7.107+/-0.143 χ^2/NDF : 72.8/1

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413+/-0.061 χ^2/NDF : 713.9/16

Left Out: -3.180+/-0.236 χ^2/NDF : 0.0/0

Right Out: 1.052+/-0.058 χ^2/NDF : 963.3/18

Left In: -7.178+/-0.361 χ^2/NDF : 0.0/0

Left: -4.374+/-0.197 χ^2/NDF : 86.0/1

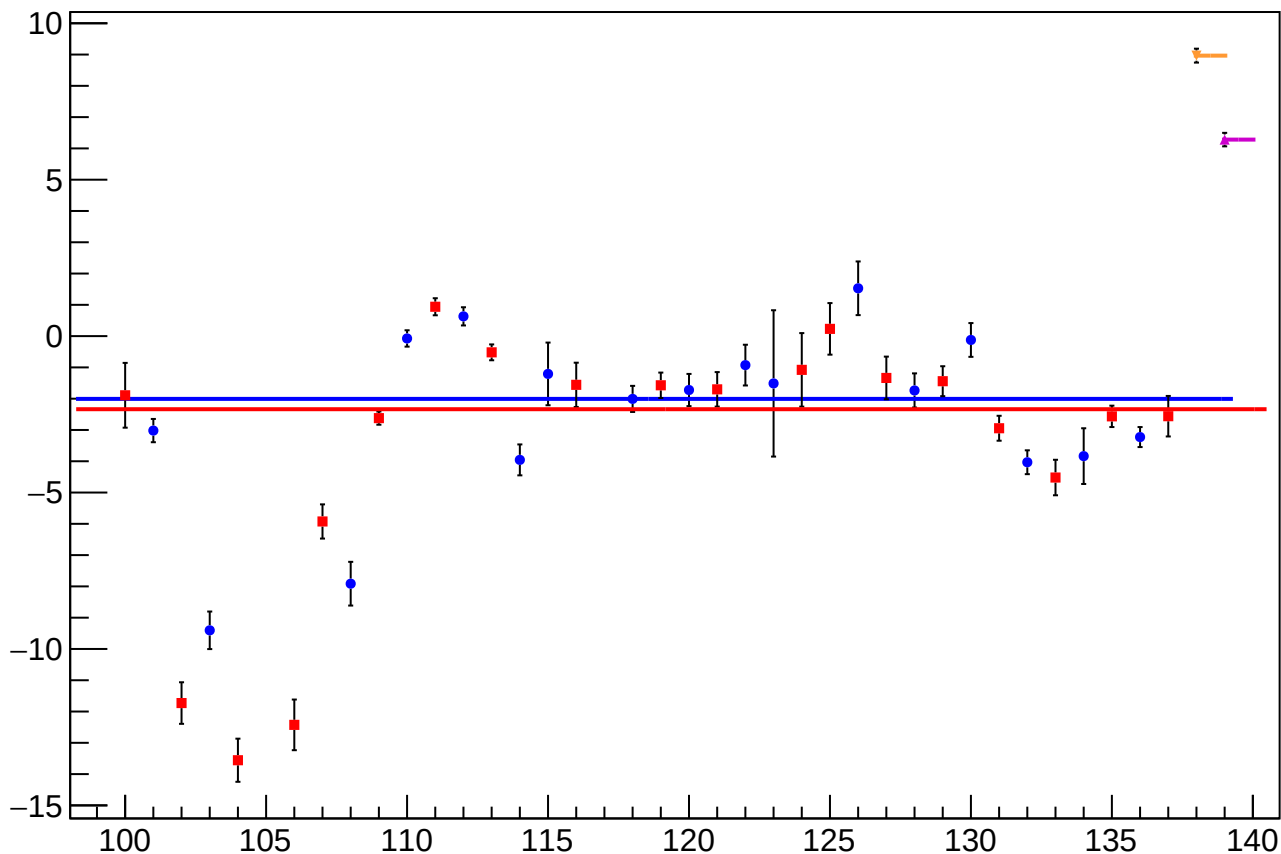
Right: 1.223+/-0.042 χ^2/NDF : 1695.5/35

In: 1.174+/-0.060 χ^2/NDF : 1264.0/17

Out: 0.809+/-0.056 χ^2/NDF : 1267.7/19

All: 0.980+/-0.041 χ^2/NDF : 2551.2/37

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: 6.282 ± 0.216 χ^2/NDF : 0.0/0

Left: 7.583 ± 0.155 χ^2/NDF : 74.9/1

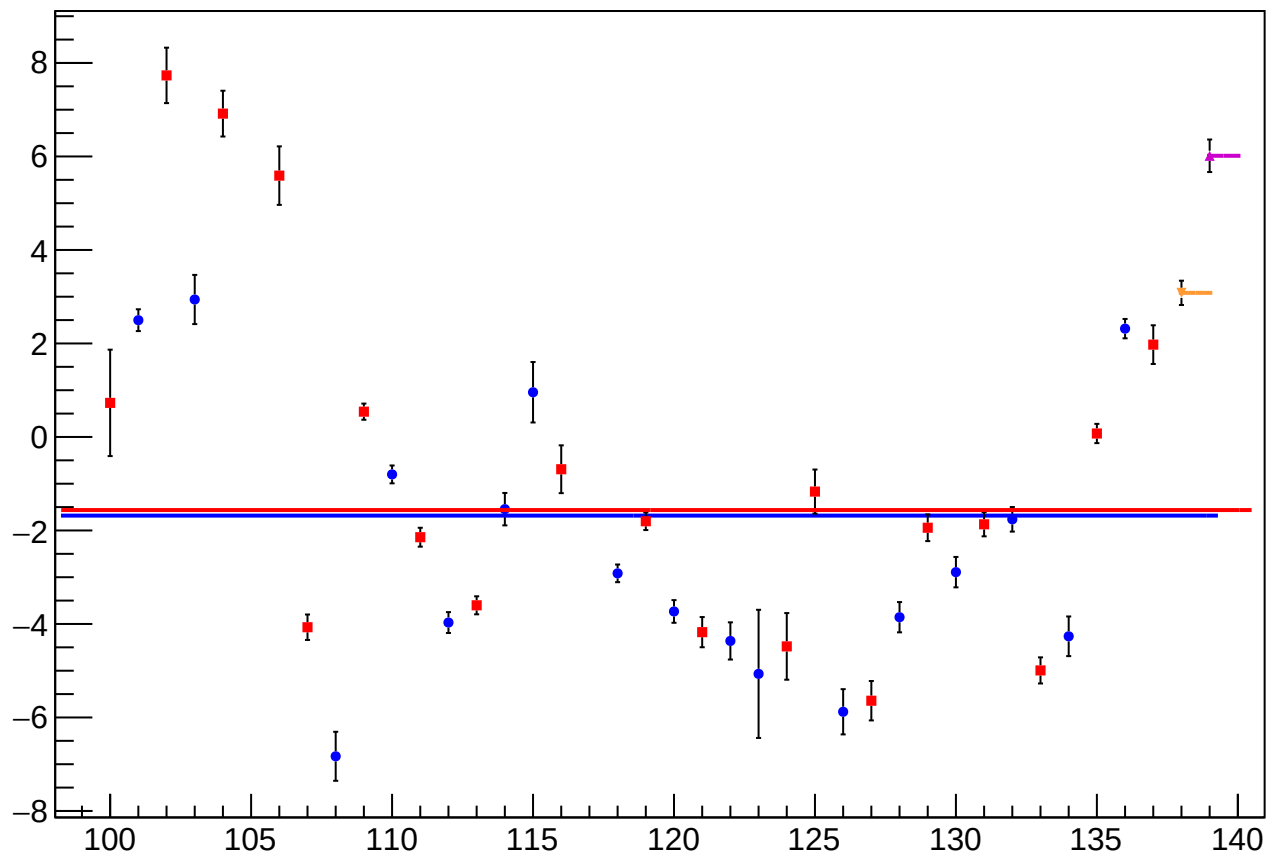
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: -0.284 ± 0.098 χ^2/NDF : 1629.9/17

Out: -0.473 ± 0.090 χ^2/NDF : 3054.2/19

All: -0.386 ± 0.067 χ^2/NDF : 4686.2/37

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: 6.014 ± 0.348 χ^2/NDF : 0.0/0

Left: 4.133 ± 0.208 χ^2/NDF : 45.6/1

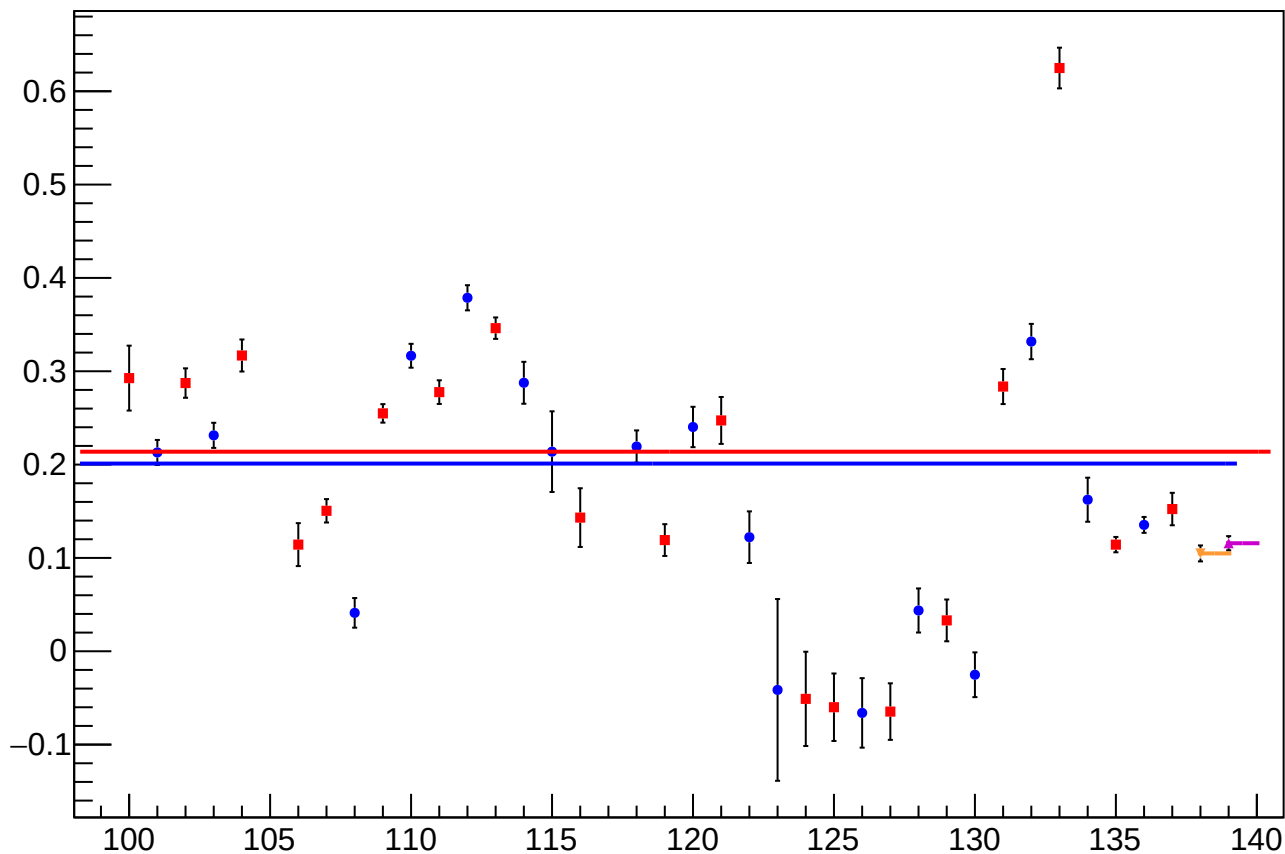
Right: -1.619 ± 0.048 χ^2/NDF : 2854.1/35

In: -1.380 ± 0.069 χ^2/NDF : 1818.0/17

Out: -1.285 ± 0.064 χ^2/NDF : 1805.1/19

All: -1.329 ± 0.047 χ^2/NDF : 3624.1/37

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: 0.116 $\pm$ 0.008 χ^2 /NDF:0.0/0

Left: 0.111 $\pm$ 0.006 χ^2 /NDF: 0.9/1

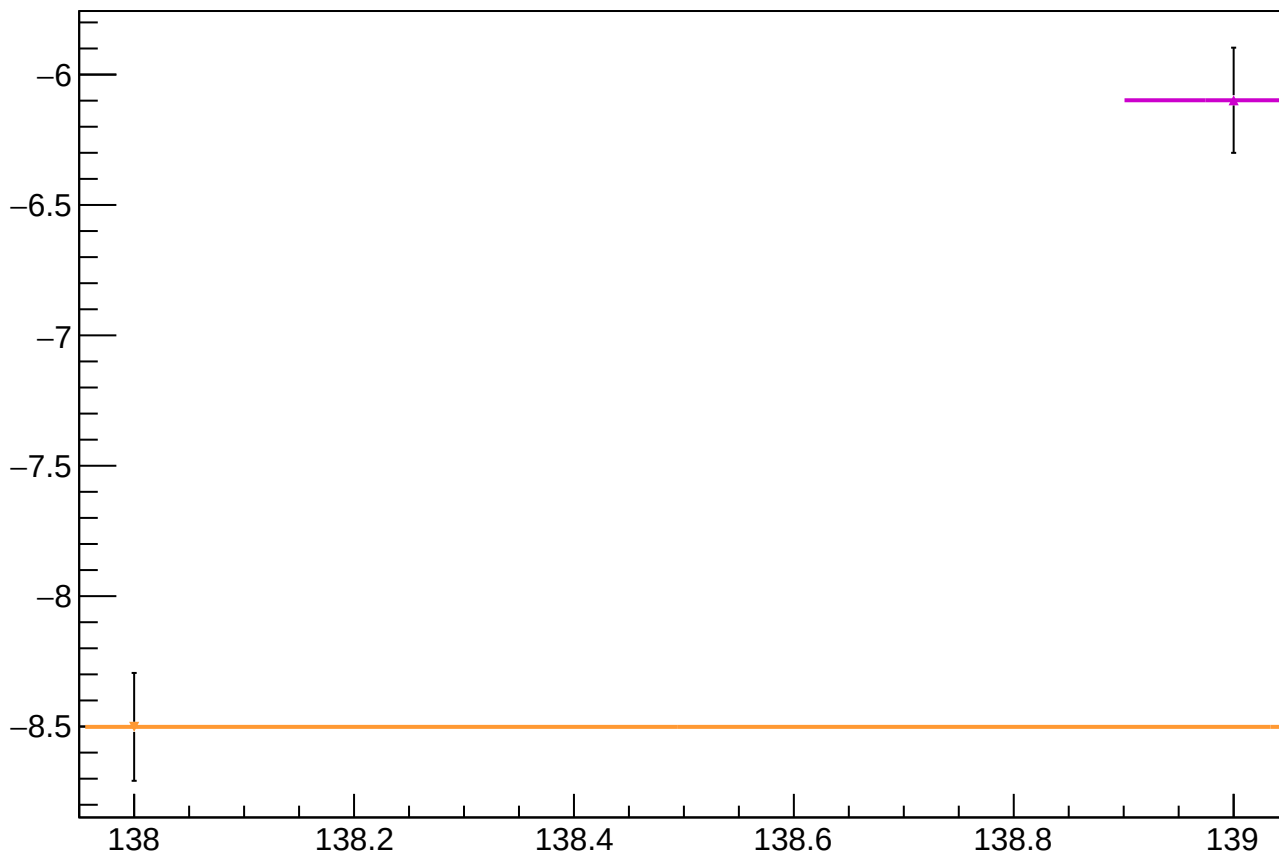
Right: 0.208 $\pm$ 0.003 χ^2 /NDF: 1779.7/35

In: 0.182 $\pm$ 0.004 χ^2 /NDF:788.1/17

Out: 0.197 $\pm$ 0.003 χ^2 /NDF:1220.2/19

All: 0.190 $\pm$ 0.002 χ^2 /NDF: 2017.5/37

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.501 ± 0.207 $\chi^2/\text{NDF}: 0.0/0$

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

Left In: -6.099 ± 0.202 $\chi^2/\text{NDF}: 0.0/0$

Left: -7.270 ± 0.144 $\chi^2/\text{NDF}: 69.2/1$

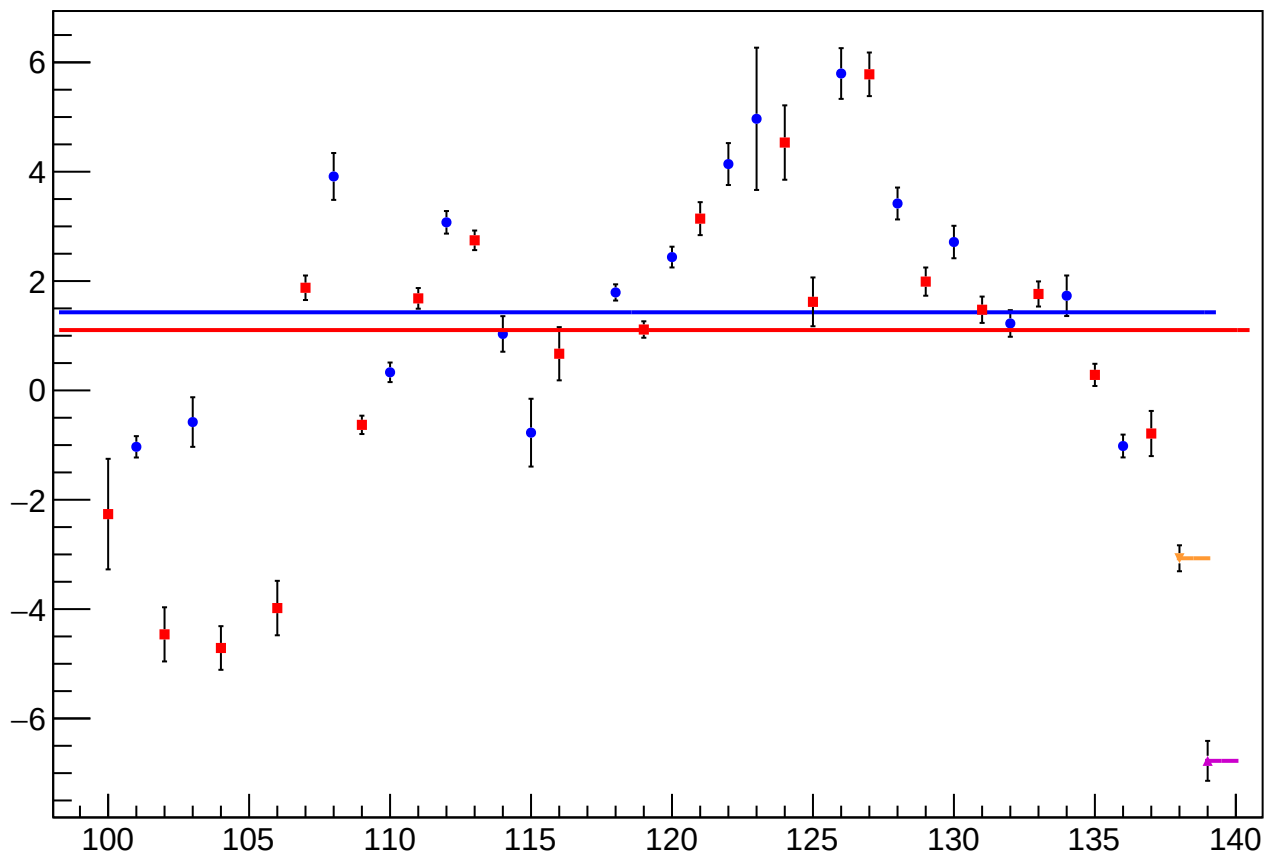
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -6.099 ± 0.202 $\chi^2/\text{NDF}: 0.0/0$

Out: -8.501 ± 0.207 $\chi^2/\text{NDF}: 0.0/0$

All: -7.270 ± 0.144 $\chi^2/\text{NDF}: 69.2/1$

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: -6.775 $\pm$ 0.365 χ^2 /NDF:0.0/0

Left: -4.173 $\pm$ 0.199 χ^2 /NDF: 72.4/1

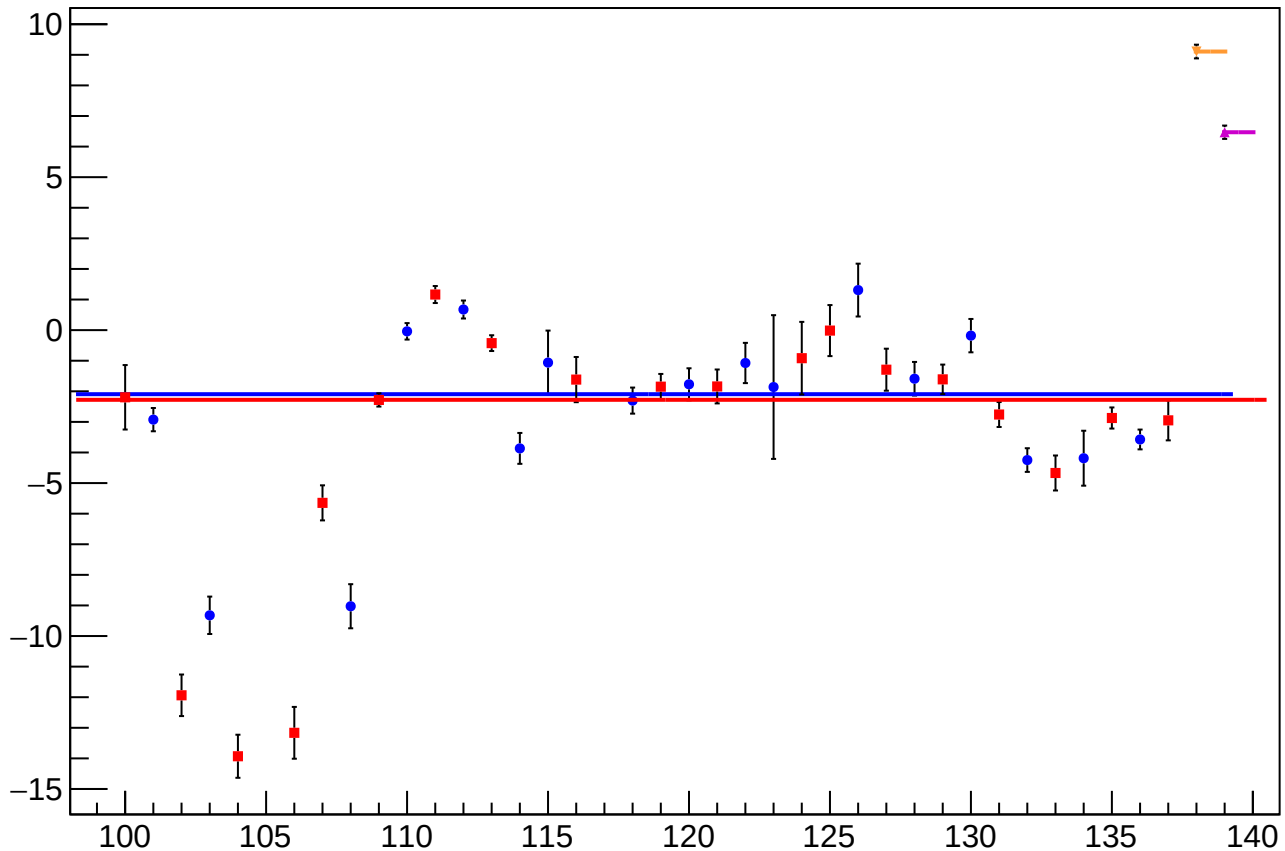
Right: 1.259 $\pm$ 0.043 χ^2 /NDF: 1662.3/35

In: 1.197 $\pm$ 0.061 χ^2 /NDF:1202.8/17

Out: 0.859 $\pm$ 0.058 χ^2 /NDF:1227.3/19

All: 1.017 $\pm$ 0.042 χ^2 /NDF: 2446.3/37

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: 6.469 ± 0.218 χ^2/NDF : 0.0/0

Left: 7.750 ± 0.156 χ^2/NDF : 71.0/1

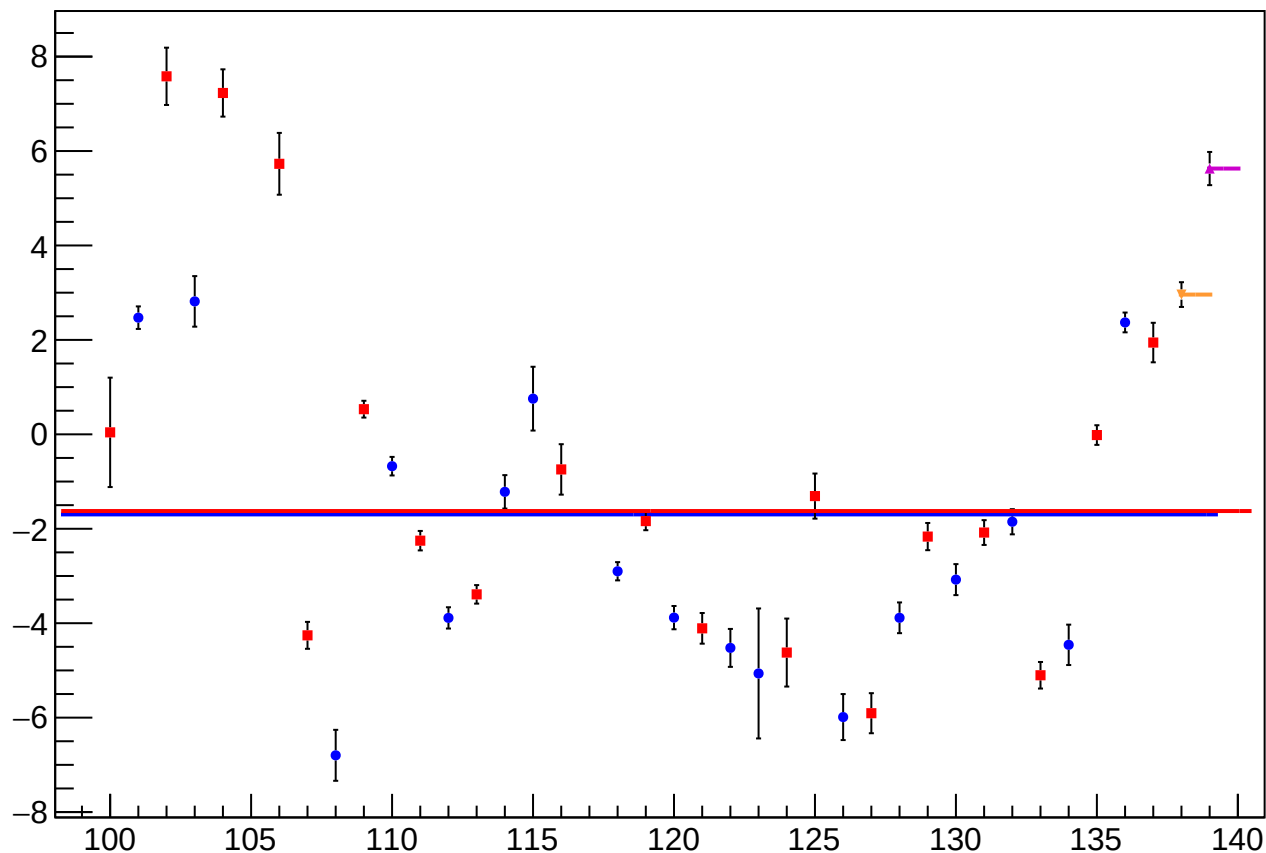
Right: -2.196 ± 0.075 χ^2/NDF : 1406.6/35

In: -0.293 ± 0.100 χ^2/NDF : 1703.1/17

Out: -0.362 ± 0.092 χ^2/NDF : 3056.7/19

All: -0.330 ± 0.068 χ^2/NDF : 4760.0/37

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: 5.629 ± 0.352 χ^2/NDF : 0.0/0

Left: 3.914 ± 0.210 χ^2/NDF : 37.1/1

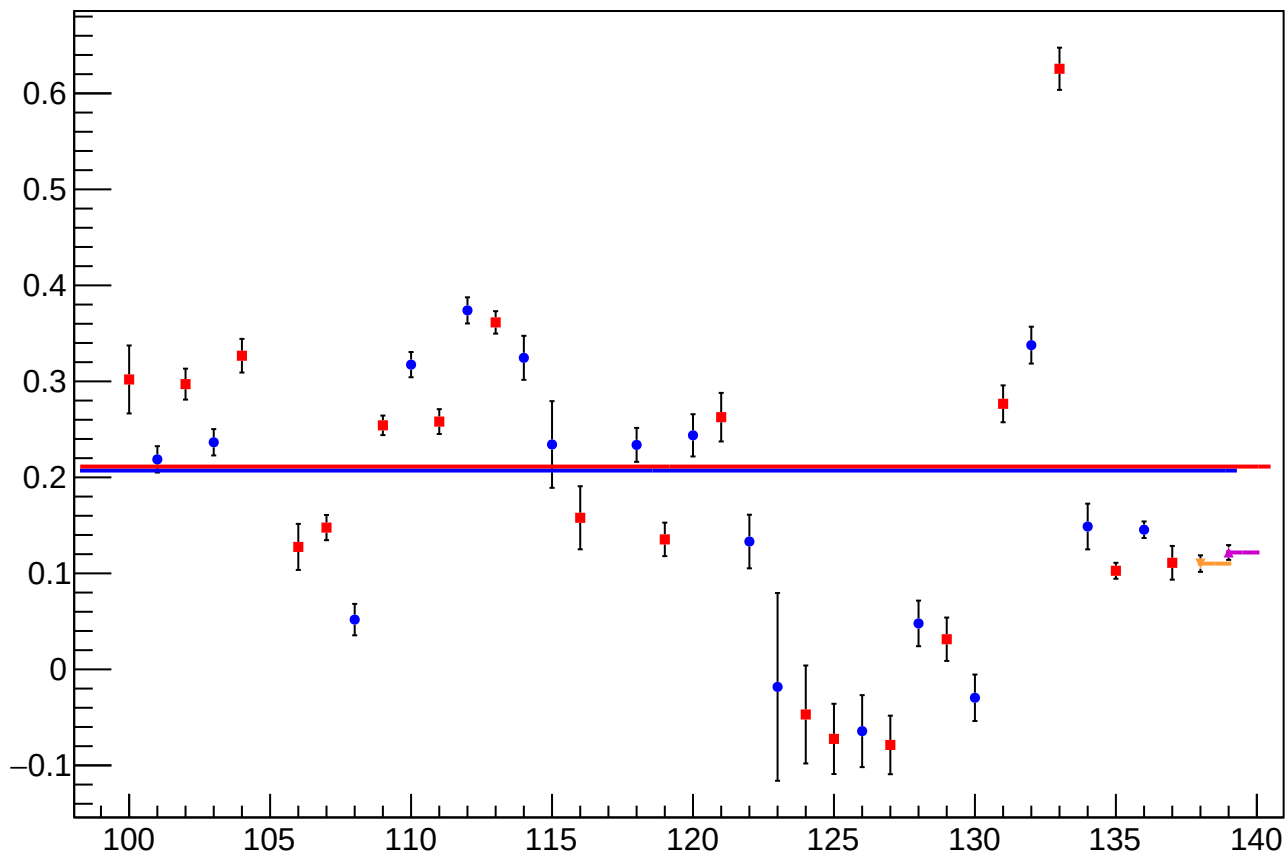
Right: -1.658 ± 0.049 χ^2/NDF : 2801.2/35

In: -1.405 ± 0.070 χ^2/NDF : 1750.2/17

Out: -1.343 ± 0.065 χ^2/NDF : 1754.6/19

All: -1.372 ± 0.048 χ^2/NDF : 3505.2/37

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 $\pm$ 0.004 χ^2 /NDF: 656.3/16

Left Out: 0.110 $\pm$ 0.009 χ^2 /NDF:0.0/0

Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1145.7/18

Left In: 0.122 $\pm$ 0.008 χ^2 /NDF:0.0/0

Left: 0.117 $\pm$ 0.006 χ^2 /NDF: 1.0/1

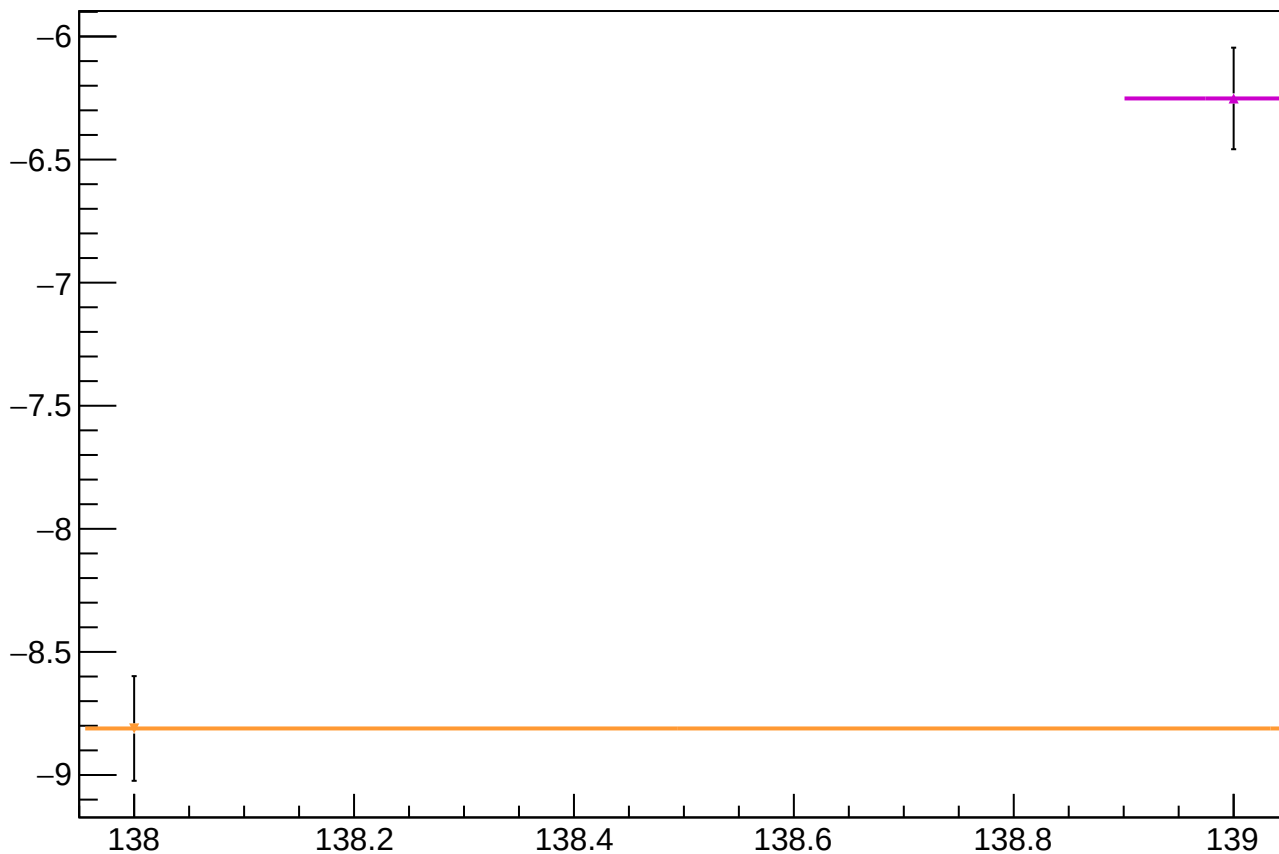
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1802.5/35

In: 0.188 $\pm$ 0.004 χ^2 /NDF:750.9/17

Out: 0.195 $\pm$ 0.003 χ^2 /NDF:1261.1/19

All: 0.192 $\pm$ 0.003 χ^2 /NDF: 2014.2/37

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.811 $\pm$ 0.213 χ^2/NDF : 0.0/0

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

Left In: -6.252 $\pm$ 0.206 χ^2/NDF : 0.0/0

Left: -7.493 $\pm$ 0.148 χ^2/NDF : 74.6/1

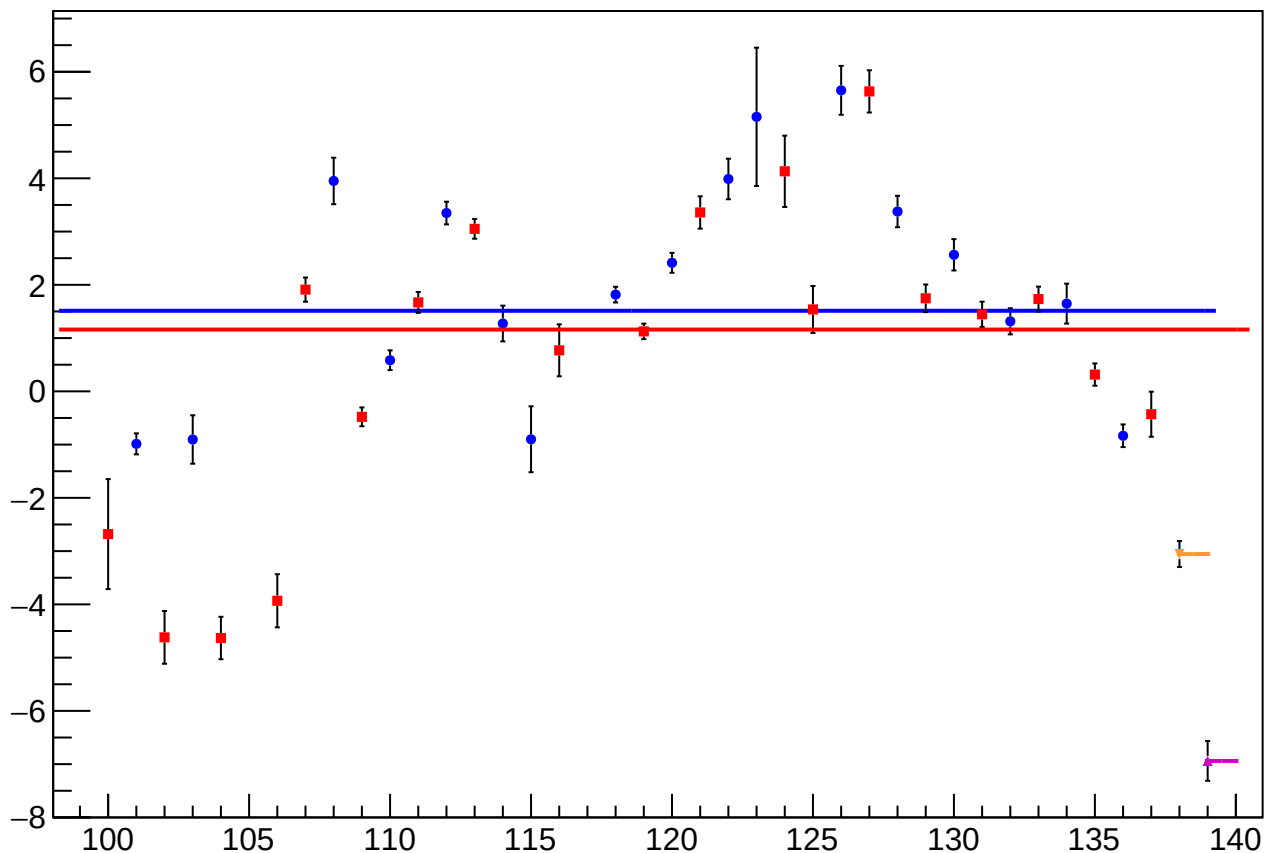
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -6.252 $\pm$ 0.206 χ^2/NDF : 0.0/0

Out: -8.811 $\pm$ 0.213 χ^2/NDF : 0.0/0

All: -7.493 $\pm$ 0.148 χ^2/NDF : 74.6/1

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 ± 0.063 $\chi^2/\text{NDF}: 669.7/16$

Left Out: -3.055 ± 0.244 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.160 ± 0.060 $\chi^2/\text{NDF}: 917.0/18$

Left In: -6.940 ± 0.373 $\chi^2/\text{NDF}: 0.0/0$

Left: -4.216 ± 0.204 $\chi^2/\text{NDF}: 76.1/1$

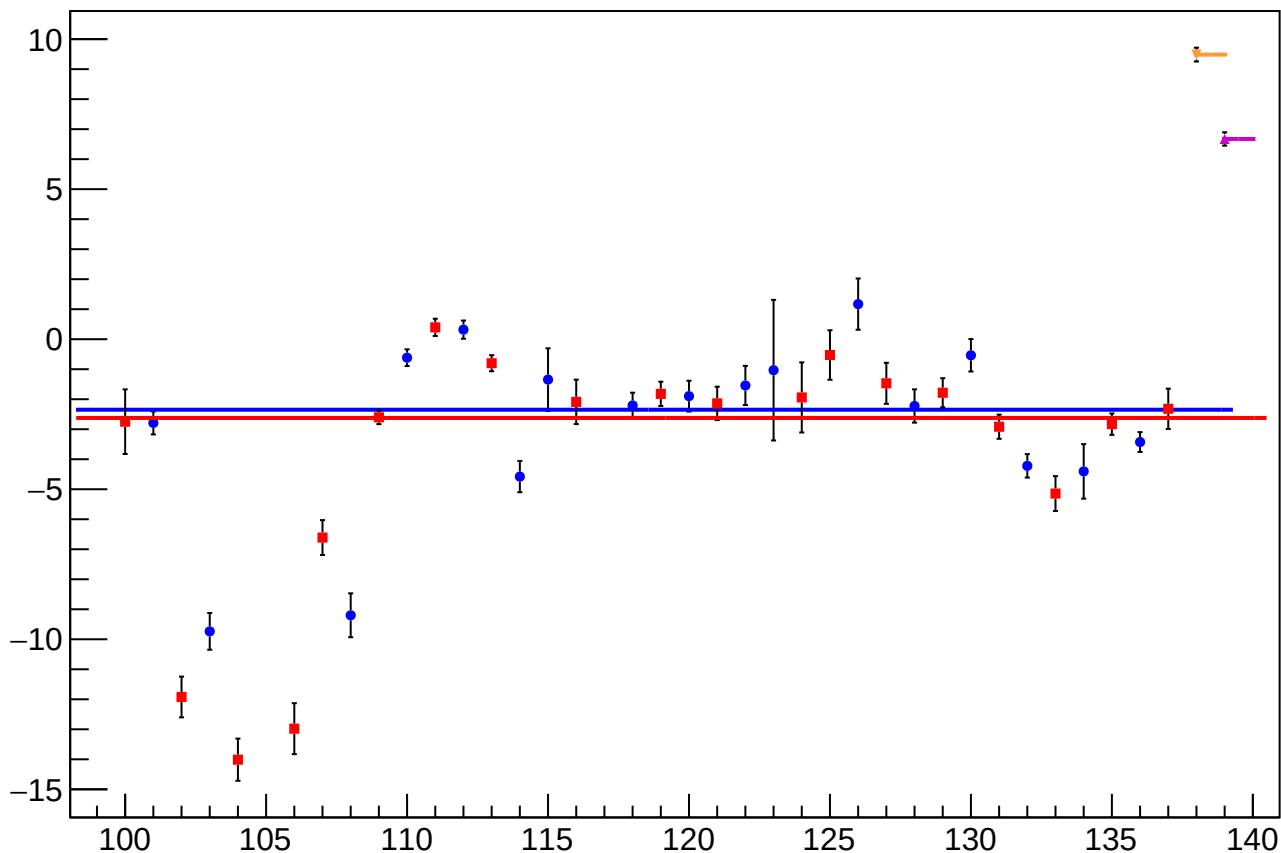
Right: 1.329 ± 0.043 $\chi^2/\text{NDF}: 1603.3/35$

In: 1.281 ± 0.062 $\chi^2/\text{NDF}: 1169.3/17$

Out: 0.918 ± 0.058 $\chi^2/\text{NDF}: 1199.5/19$

All: 1.089 ± 0.042 $\chi^2/\text{NDF}: 2386.9/37$

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: 6.674 ± 0.223 χ^2/NDF : 0.0/0

Left: 8.032 ± 0.160 χ^2/NDF : 76.7/1

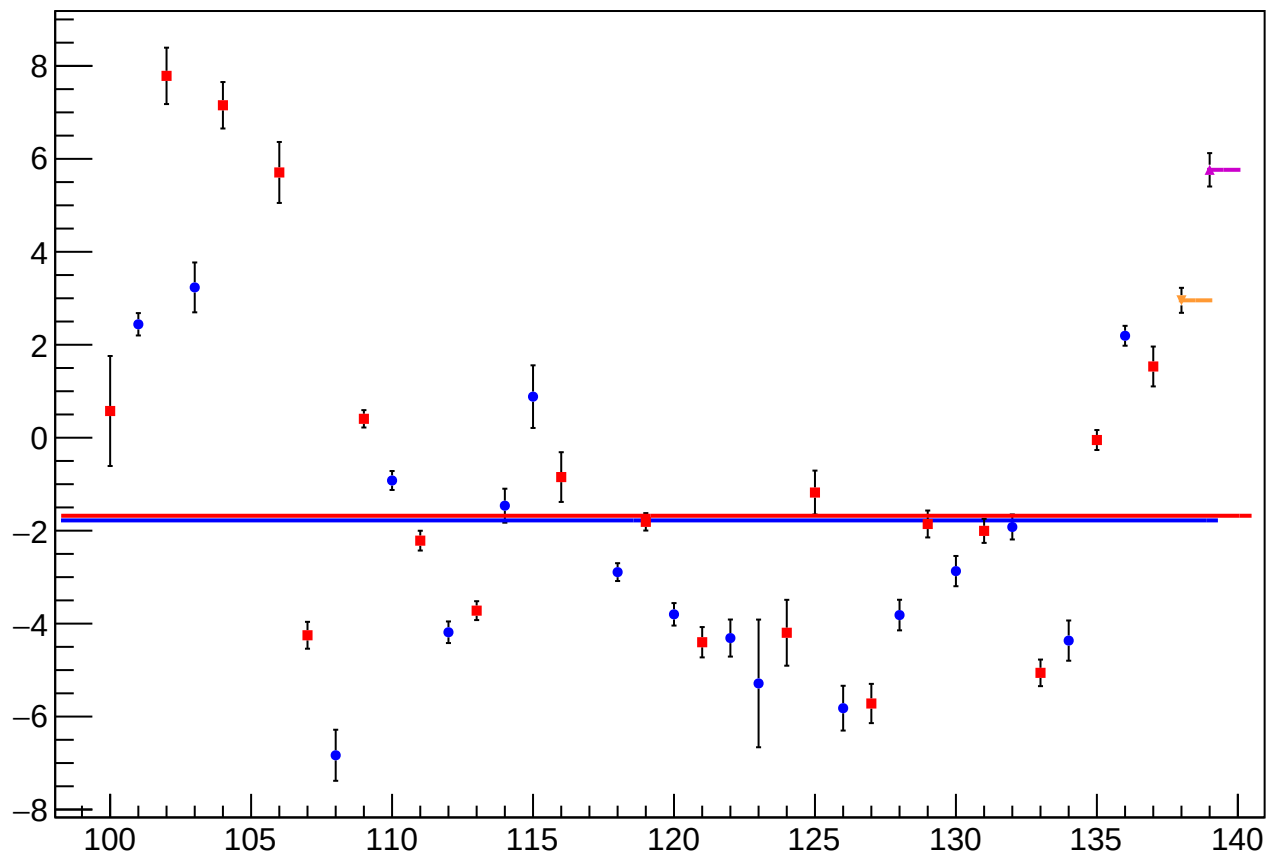
Right: -2.501 ± 0.077 χ^2/NDF : 1283.3/35

In: -0.475 ± 0.102 χ^2/NDF : 1734.8/17

Out: -0.606 ± 0.094 χ^2/NDF : 3133.4/19

All: -0.545 ± 0.069 χ^2/NDF : 4869.1/37

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: 5.764 ± 0.359 χ^2/NDF : 0.0/0

Left: 3.964 ± 0.215 χ^2/NDF : 39.2/1

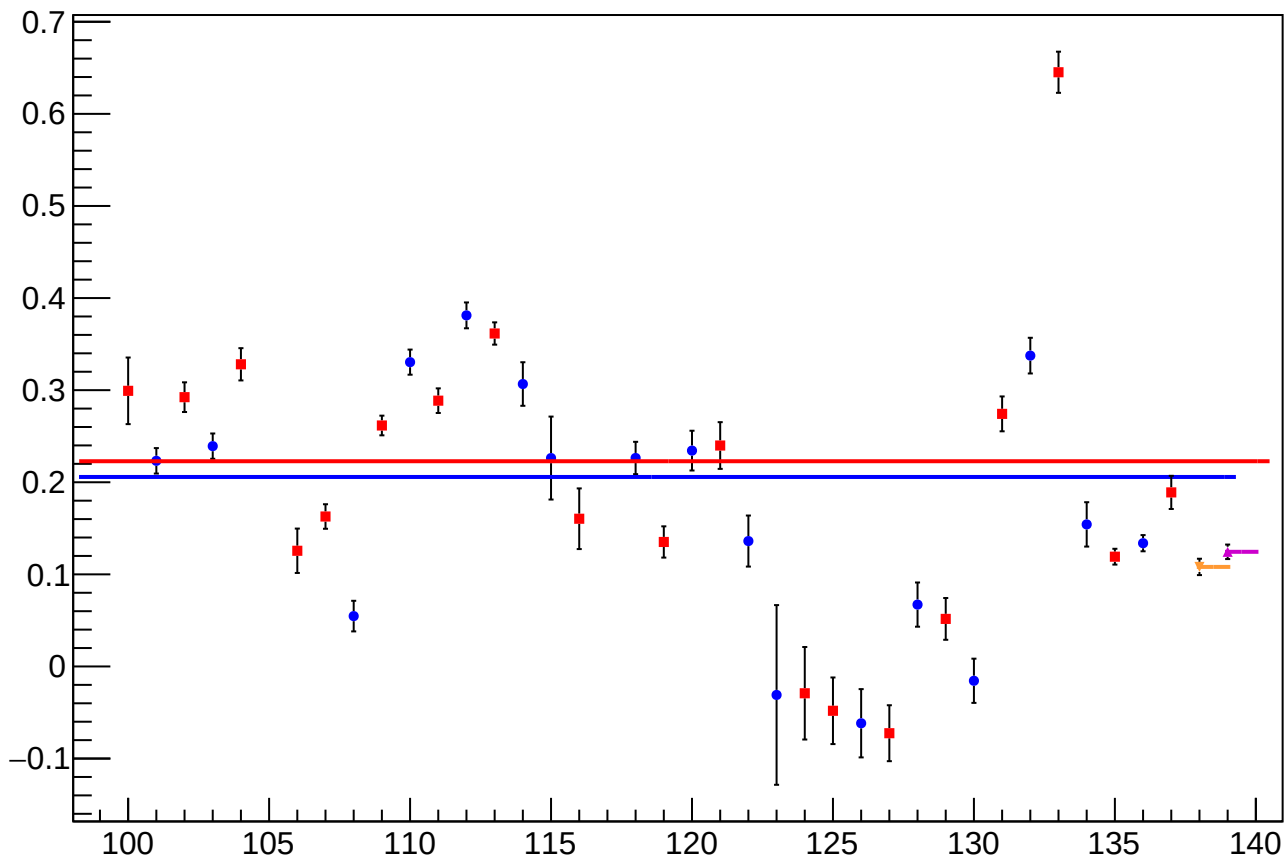
Right: -1.726 ± 0.050 χ^2/NDF : 2702.6/35

In: -1.486 ± 0.071 χ^2/NDF : 1695.7/17

Out: -1.401 ± 0.066 χ^2/NDF : 1708.7/19

All: -1.440 ± 0.048 χ^2/NDF : 3405.2/37

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: 0.124 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.117 $\pm$ 0.006 χ^2 /NDF: 1.9/1

Right: 0.215 $\pm$ 0.003 χ^2 /NDF: 1702.9/35

In: 0.187 $\pm$ 0.004 χ^2 /NDF: 734.2/17

Out: 0.205 $\pm$ 0.004 χ^2 /NDF: 1182.9/19

All: 0.197 $\pm$ 0.003 χ^2 /NDF: 1928.6/37